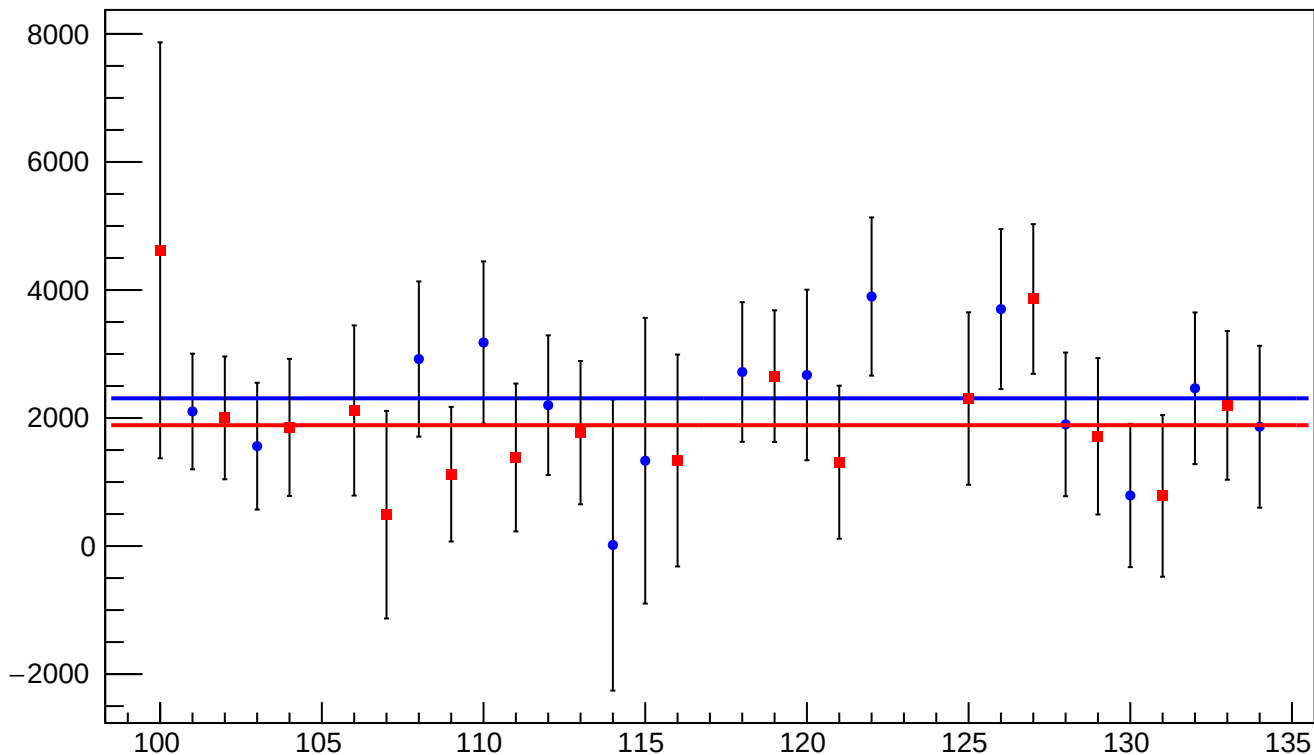


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2307.917+/-309.910 χ^2/NDF : 7.8/14

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

Right Out: 1887.597+/-304.472 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2094.038+/-217.191

χ^2/NDF : 15.7/30

In: 2307.917+/-309.910

χ^2/NDF : 7.8/14

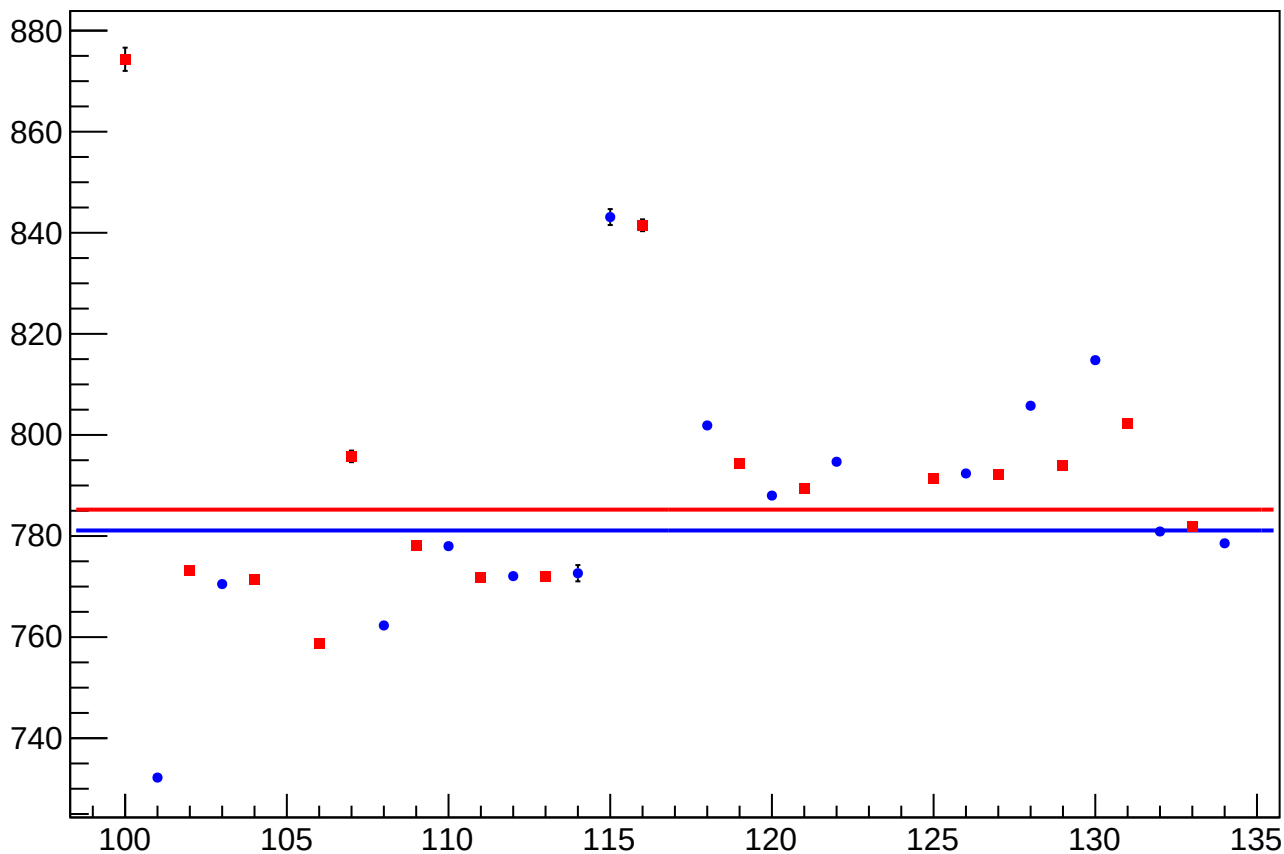
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2094.038+/-217.191

χ^2/NDF : 15.7/30

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

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

Right Out: 785.226+/-0.215 χ^2/NDF : 6753.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

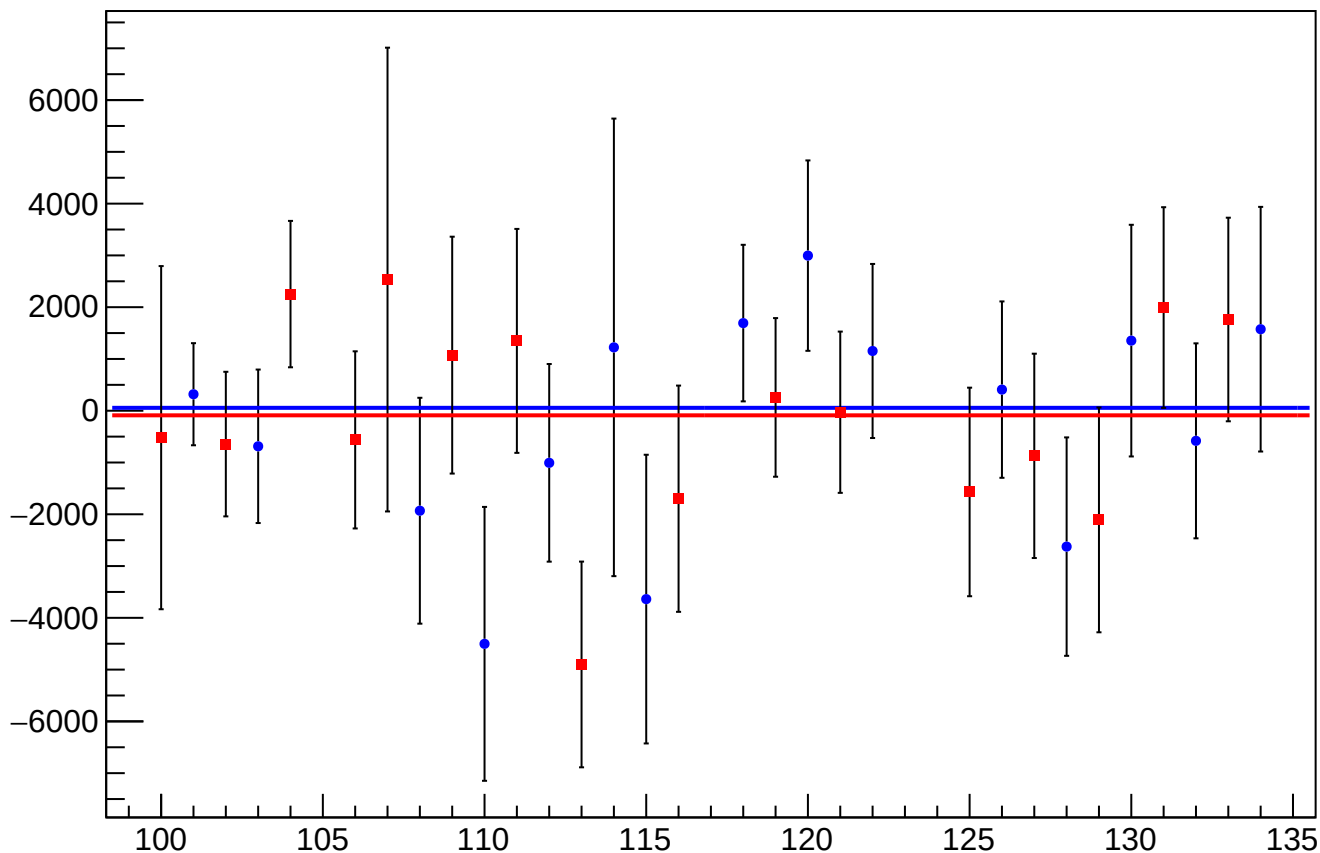
Right: 783.199+/-0.154 χ^2/NDF : 19200.7/30

In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.199+/-0.154 χ^2/NDF : 19200.7/30

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 56.094+/-465.813 χ^2/NDF : 12.9/14

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

Right Out: -88.798+/-474.460 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

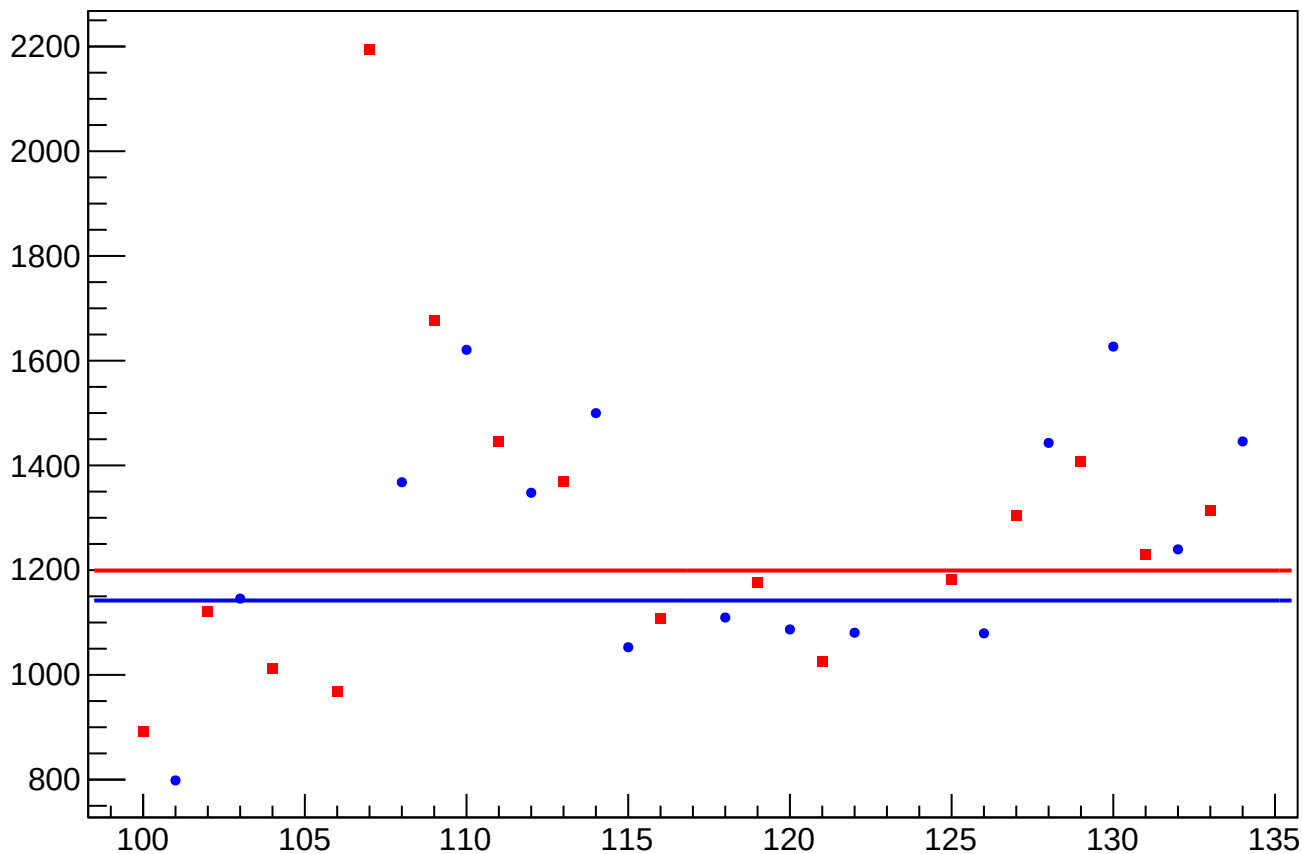
Right: -15.020+/-332.394 χ^2/NDF : 27.1/30

In: 56.094+/-465.813 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.020+/-332.394 χ^2/NDF : 27.1/30

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

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

Right Out: 1199.311+/-0.335 χ^2/NDF : 381984.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

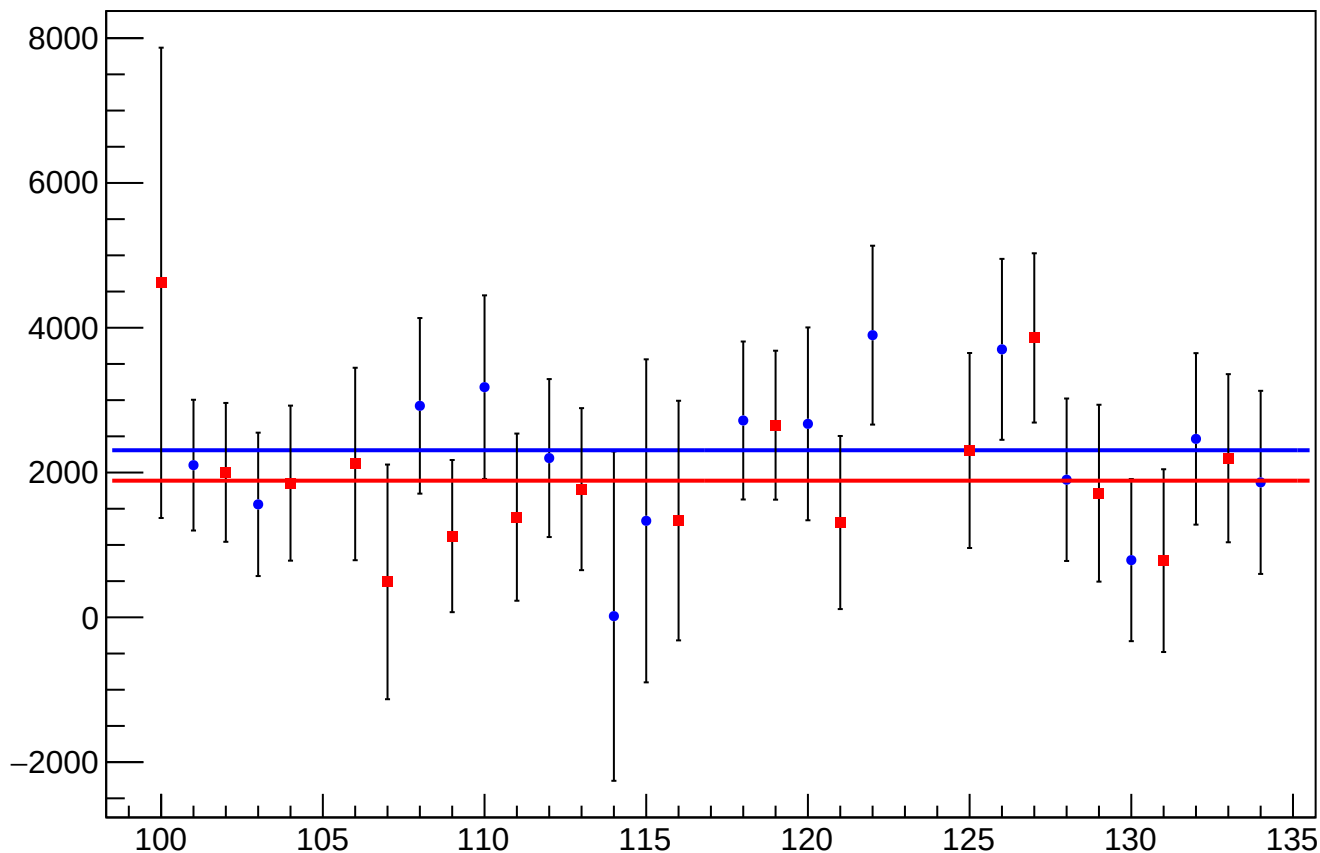
Right: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2307.917+/-309.910 χ^2/NDF : 7.8/14

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

Right Out: 1887.597+/-304.472 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

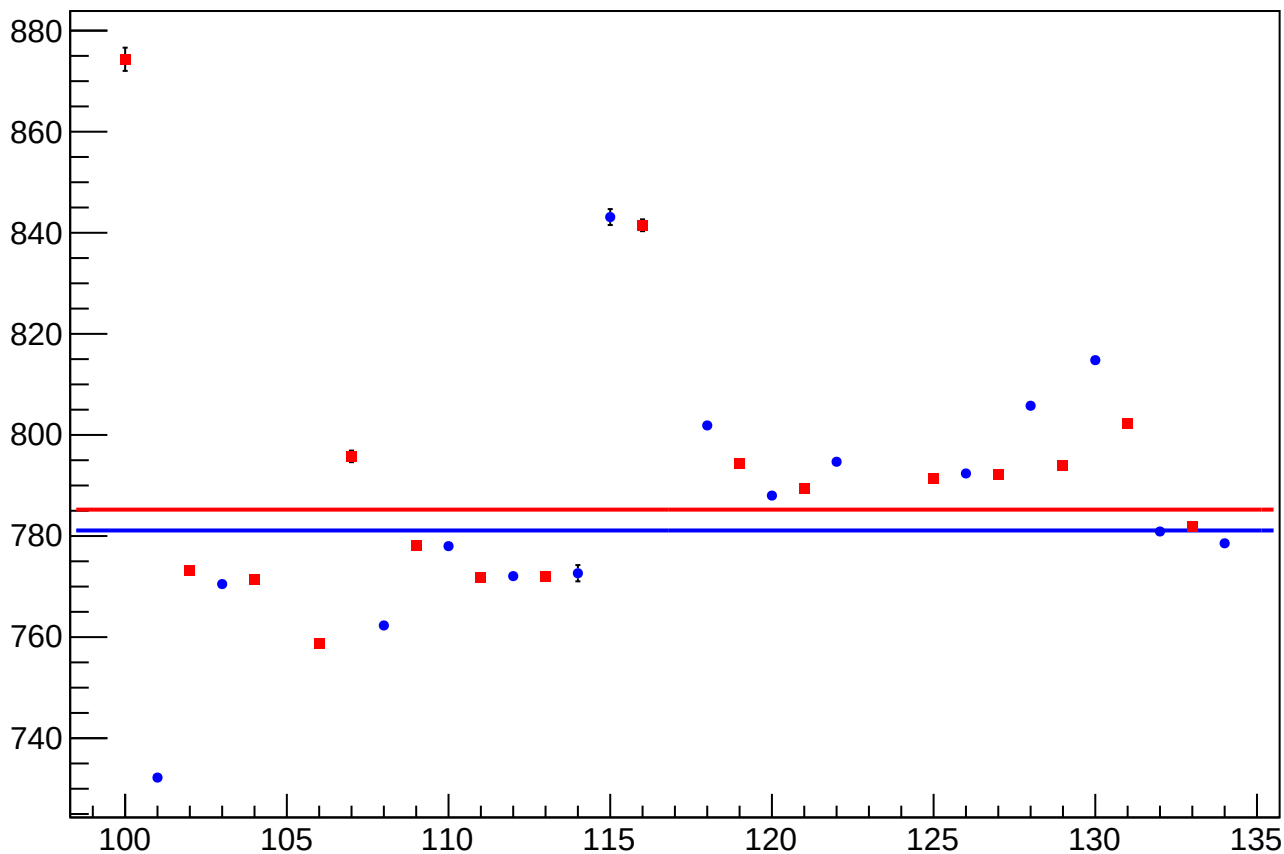
Right: 2094.038+/-217.191 χ^2/NDF : 15.7/30

In: 2307.917+/-309.910 χ^2/NDF : 7.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.038+/-217.191 χ^2/NDF : 15.7/30

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

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

Right Out: 785.226+/-0.215 χ^2/NDF : 6753.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

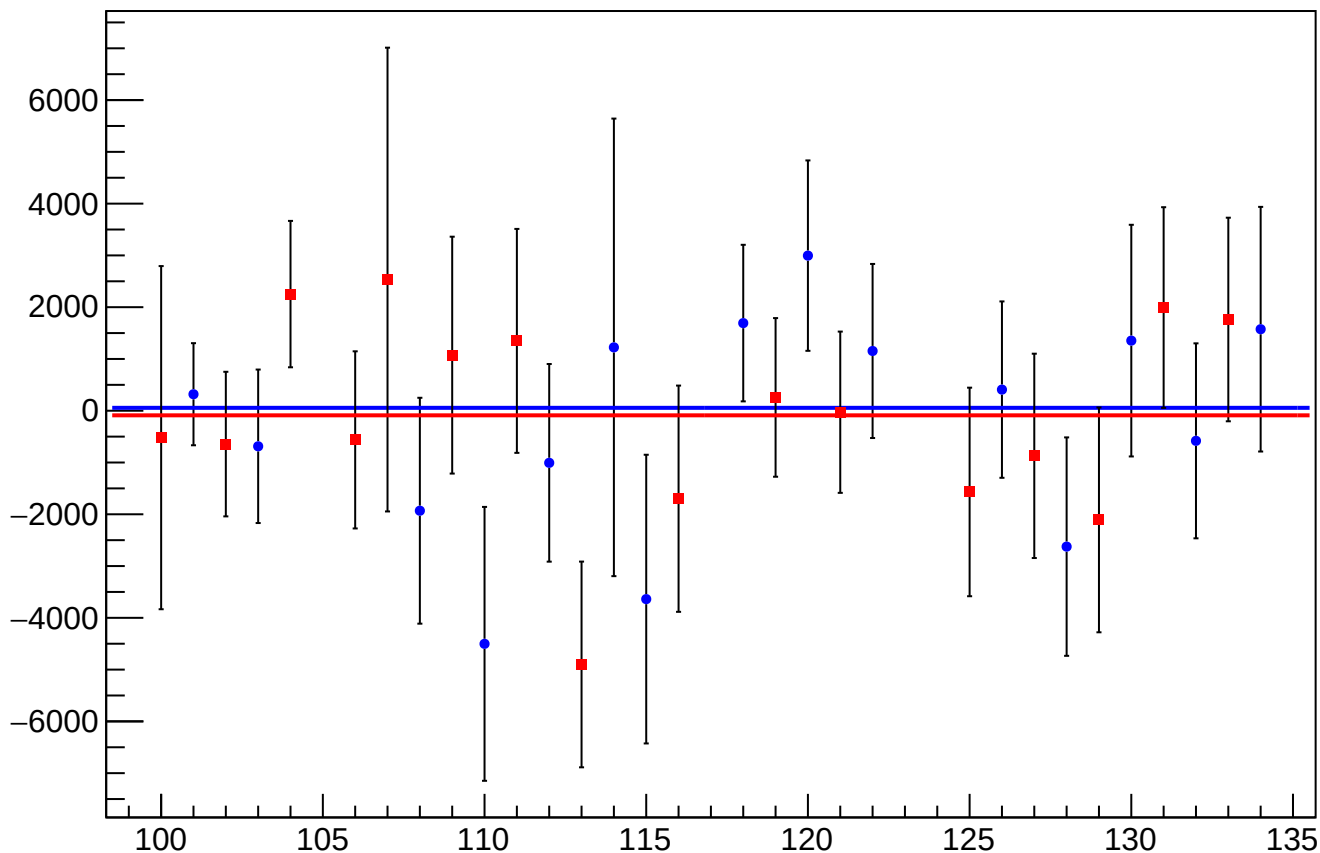
Right: 783.199+/-0.154 χ^2/NDF : 19200.7/30

In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.199+/-0.154 χ^2/NDF : 19200.7/30

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 56.094+/-465.813 χ^2/NDF : 12.9/14

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

Right Out: -88.798+/-474.460 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

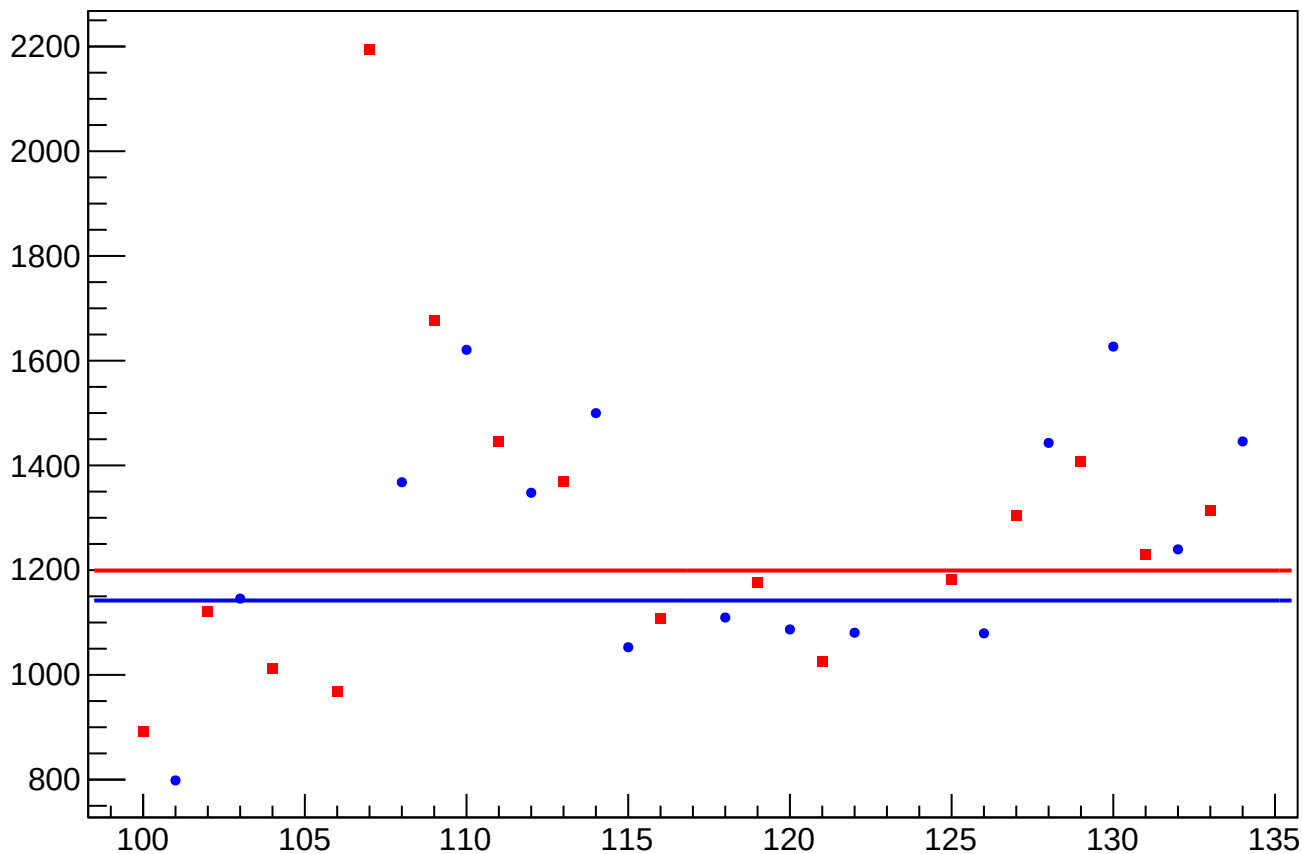
Right: -15.020+/-332.394 χ^2/NDF : 27.1/30

In: 56.094+/-465.813 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.020+/-332.394 χ^2/NDF : 27.1/30

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

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

Right Out: 1199.311+/-0.335 χ^2/NDF : 381984.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

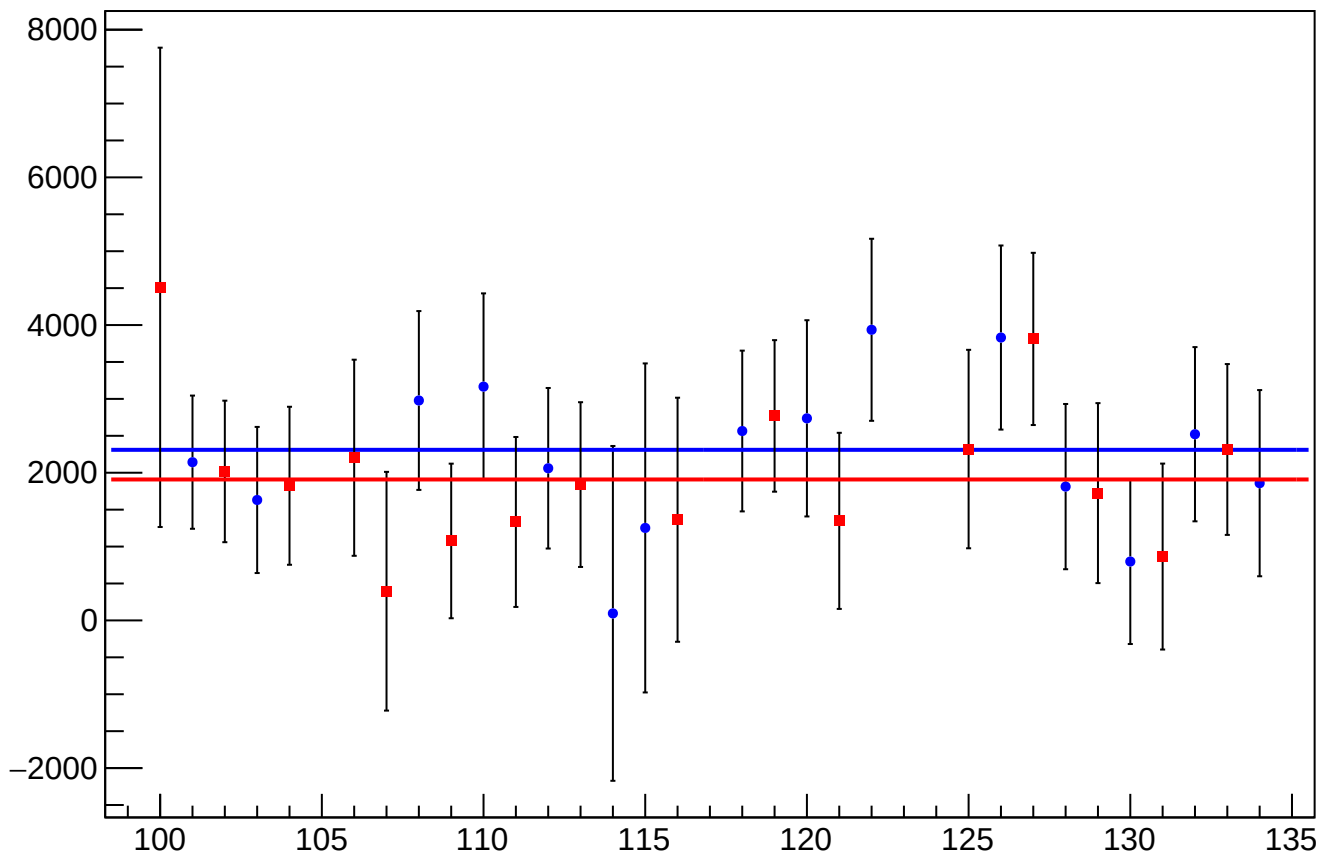
Right: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2310.202+/-309.190 χ^2/NDF : 8.1/14

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

Right Out: 1908.721+/-303.767 χ^2/NDF : 7.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

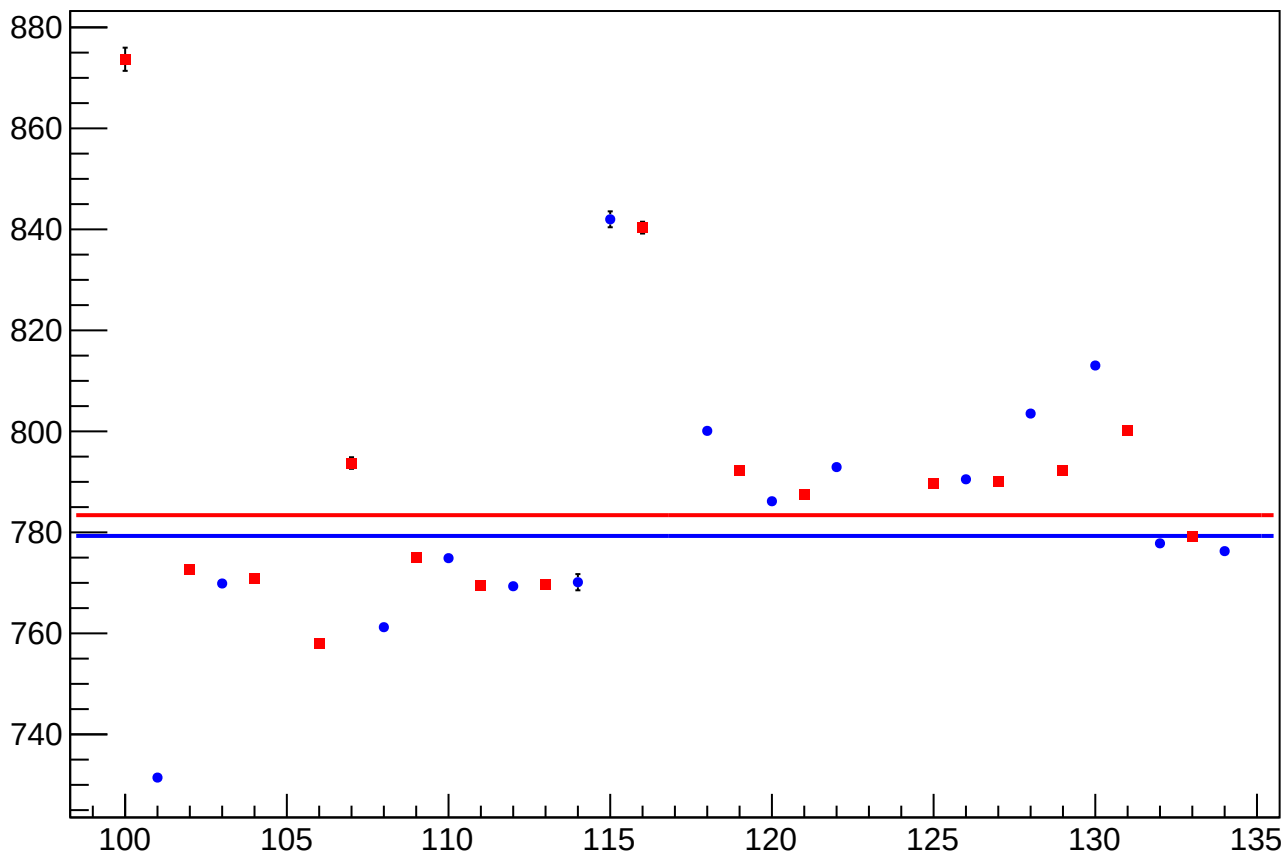
Right: 2105.909+/-216.688 χ^2/NDF : 16.0/30

In: 2310.202+/-309.190 χ^2/NDF :8.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2105.909+/-216.688 χ^2/NDF : 16.0/30

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 779.294+/-0.219 χ^2/NDF : 12031.6/14

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

Right Out: 783.406+/-0.215 χ^2/NDF : 6754.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

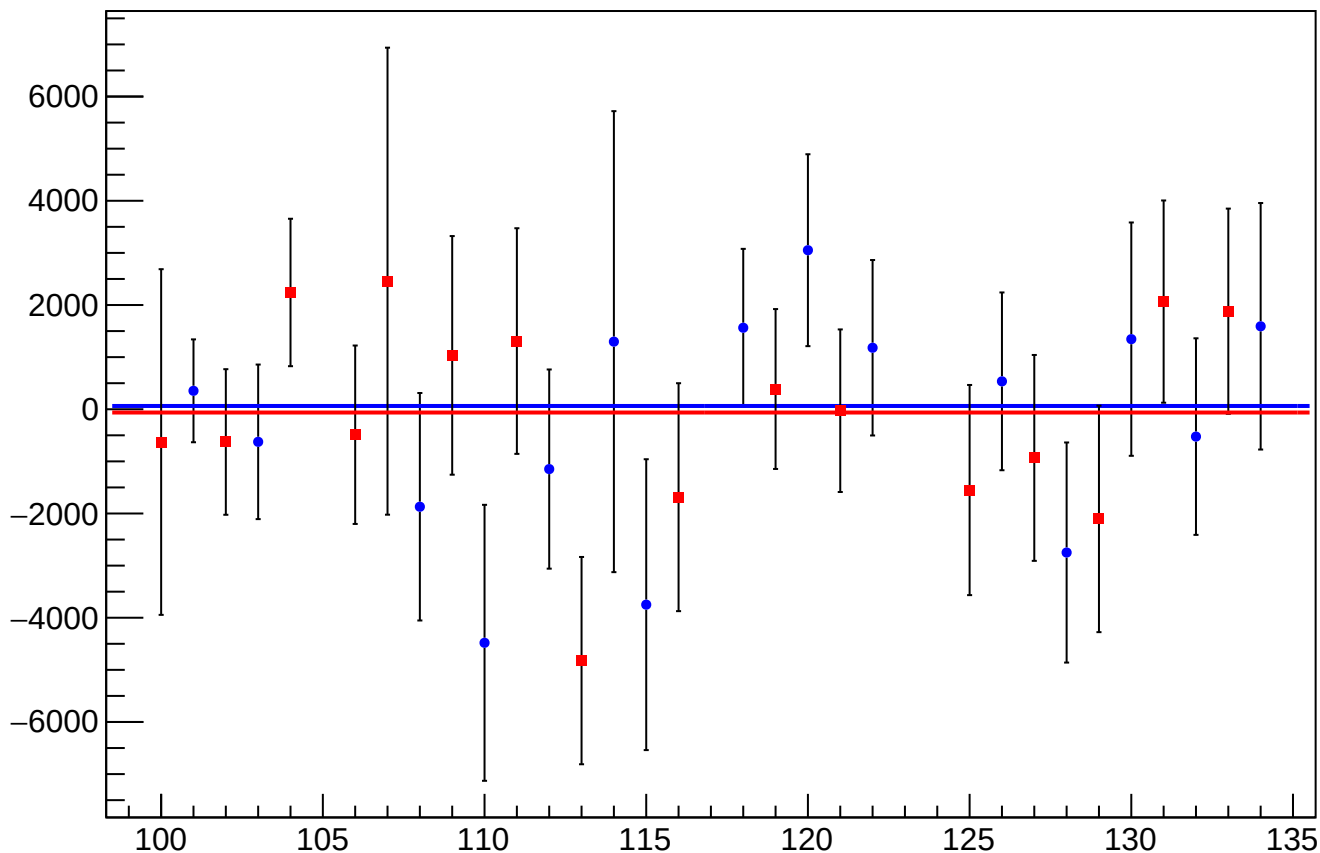
Right: 781.386+/-0.153 χ^2/NDF : 18966.4/30

In: 779.294+/-0.219 χ^2/NDF : 12031.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.386+/-0.153 χ^2/NDF : 18966.4/30

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.072+/-466.262 χ^2/NDF : 13.1/14

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

Right Out: -62.653+/-474.868 χ^2/NDF : 14.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

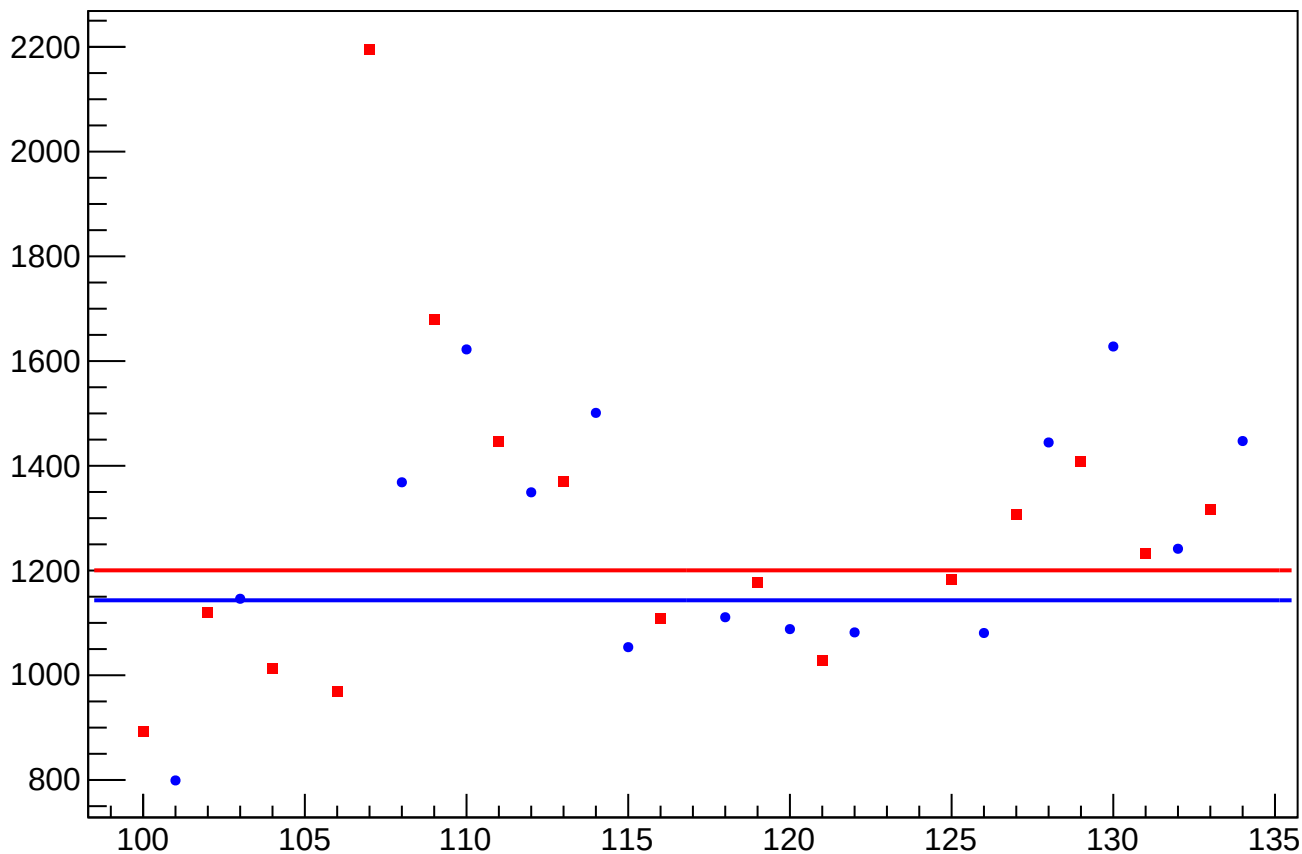
Right: 1.359+/-332.698 χ^2/NDF : 27.2/30

In: 63.072+/-466.262 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.359+/-332.698 χ^2/NDF : 27.2/30

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1143.148+/-0.330 χ^2/NDF : 549382.8/14

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

Right Out: 1200.349+/-0.336 χ^2/NDF : 382107.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

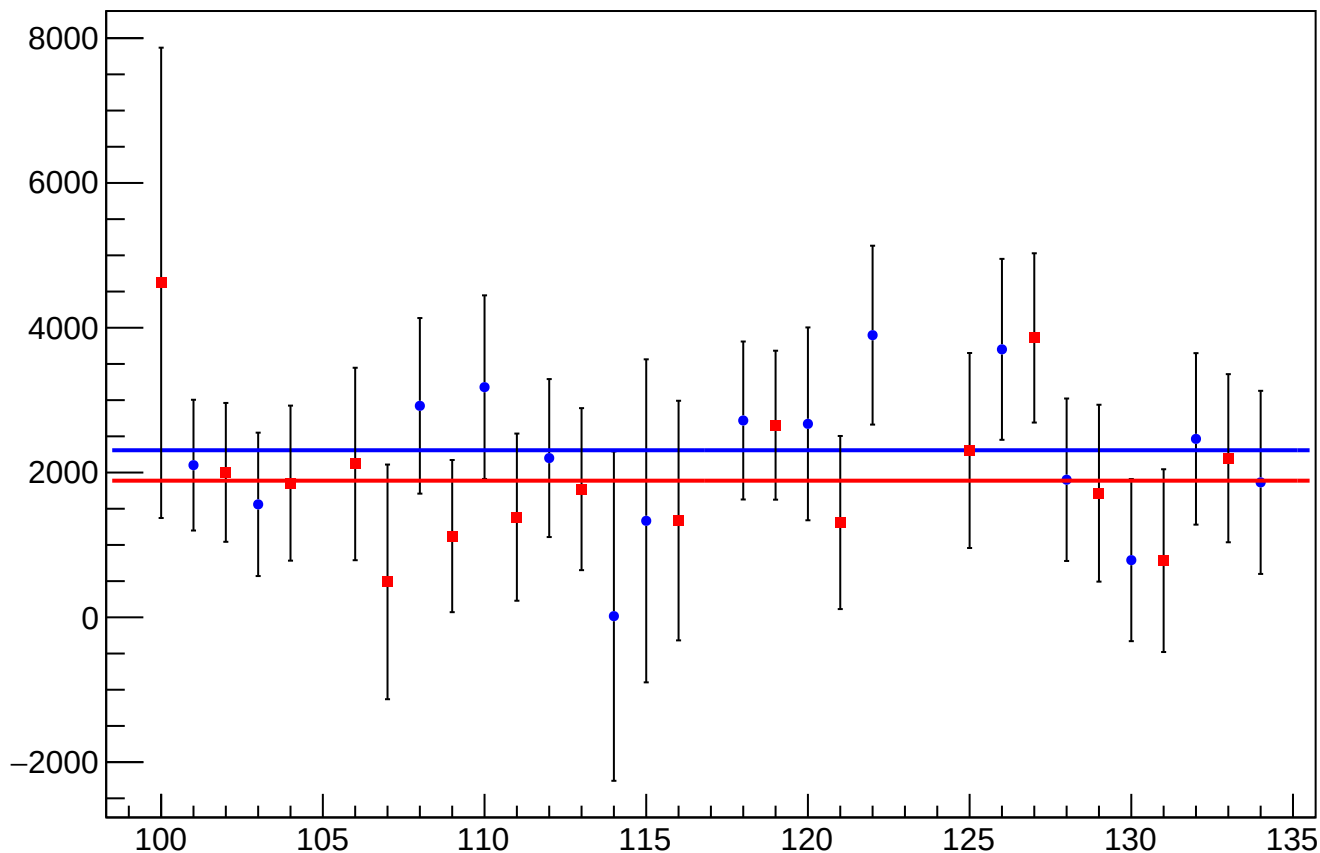
Right: 1171.226+/-0.235 χ^2/NDF : 946265.4/30

In: 1143.148+/-0.330 χ^2/NDF : 549382.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1171.226+/-0.235 χ^2/NDF : 946265.4/30

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2307.917+/-309.910 χ^2/NDF : 7.8/14

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

Right Out: 1887.597+/-304.472 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

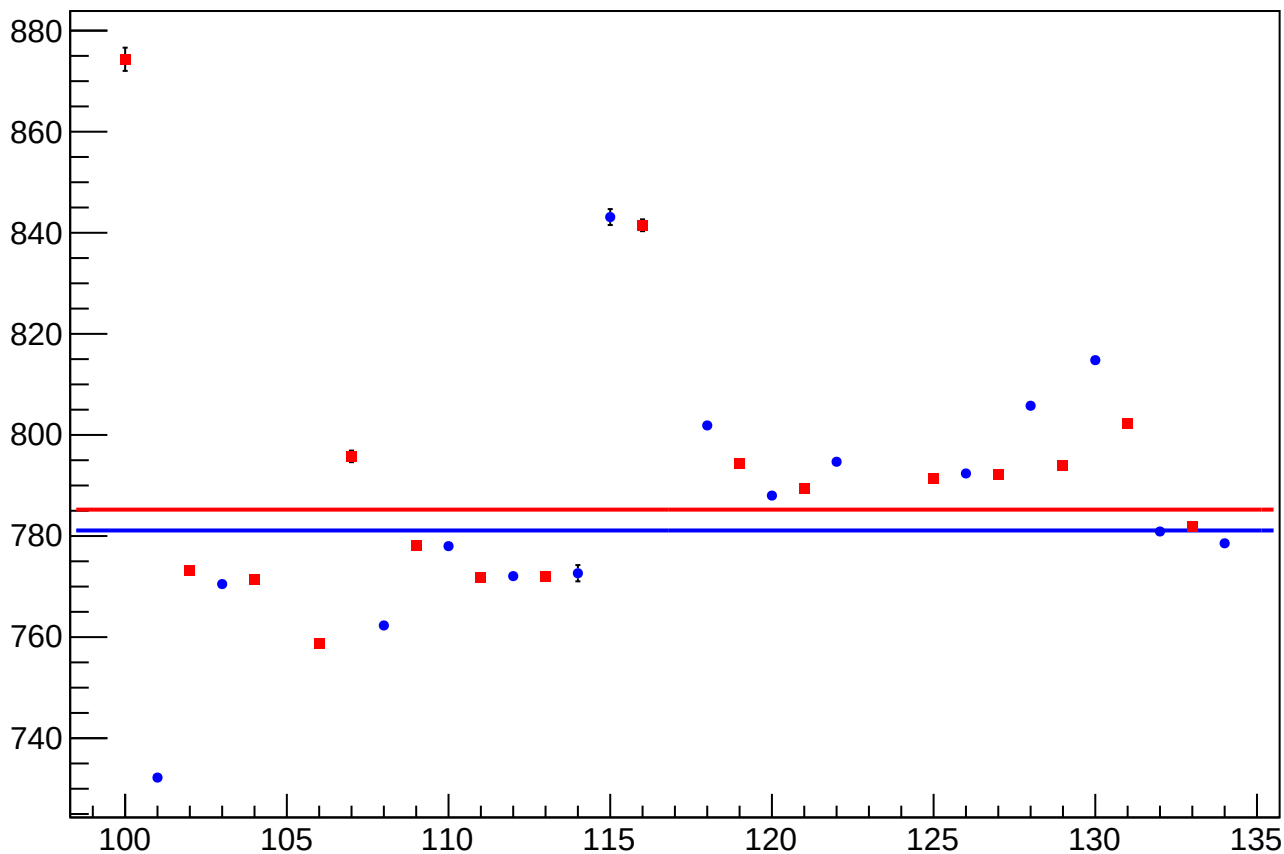
Right: 2094.038+/-217.191 χ^2/NDF : 15.7/30

In: 2307.917+/-309.910 χ^2/NDF : 7.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.038+/-217.191 χ^2/NDF : 15.7/30

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

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

Right Out: 785.226+/-0.215 χ^2/NDF : 6753.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

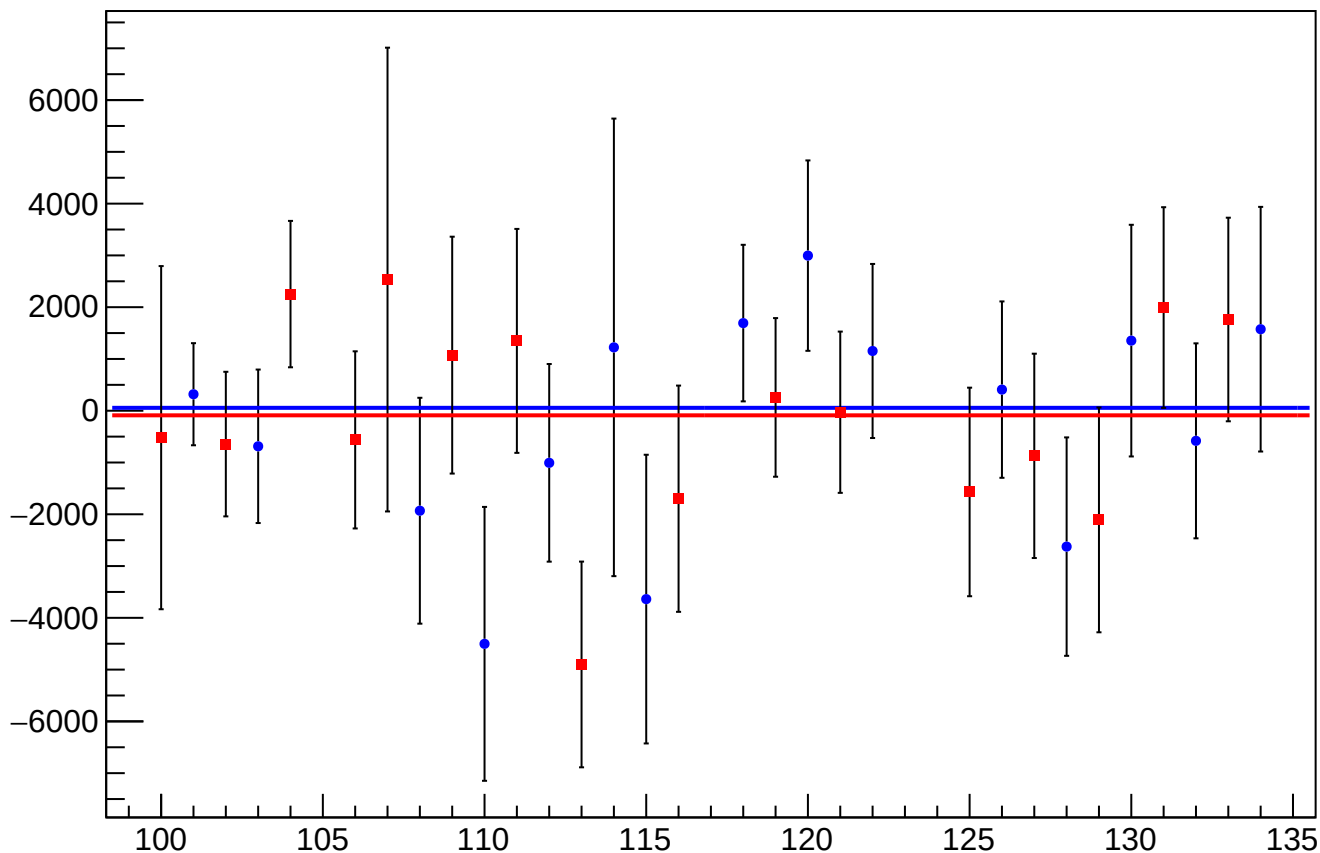
Right: 783.199+/-0.154 χ^2/NDF : 19200.7/30

In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.199+/-0.154 χ^2/NDF : 19200.7/30

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 56.094+/-465.813 χ^2/NDF : 12.9/14

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

Right Out: -88.798+/-474.460 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

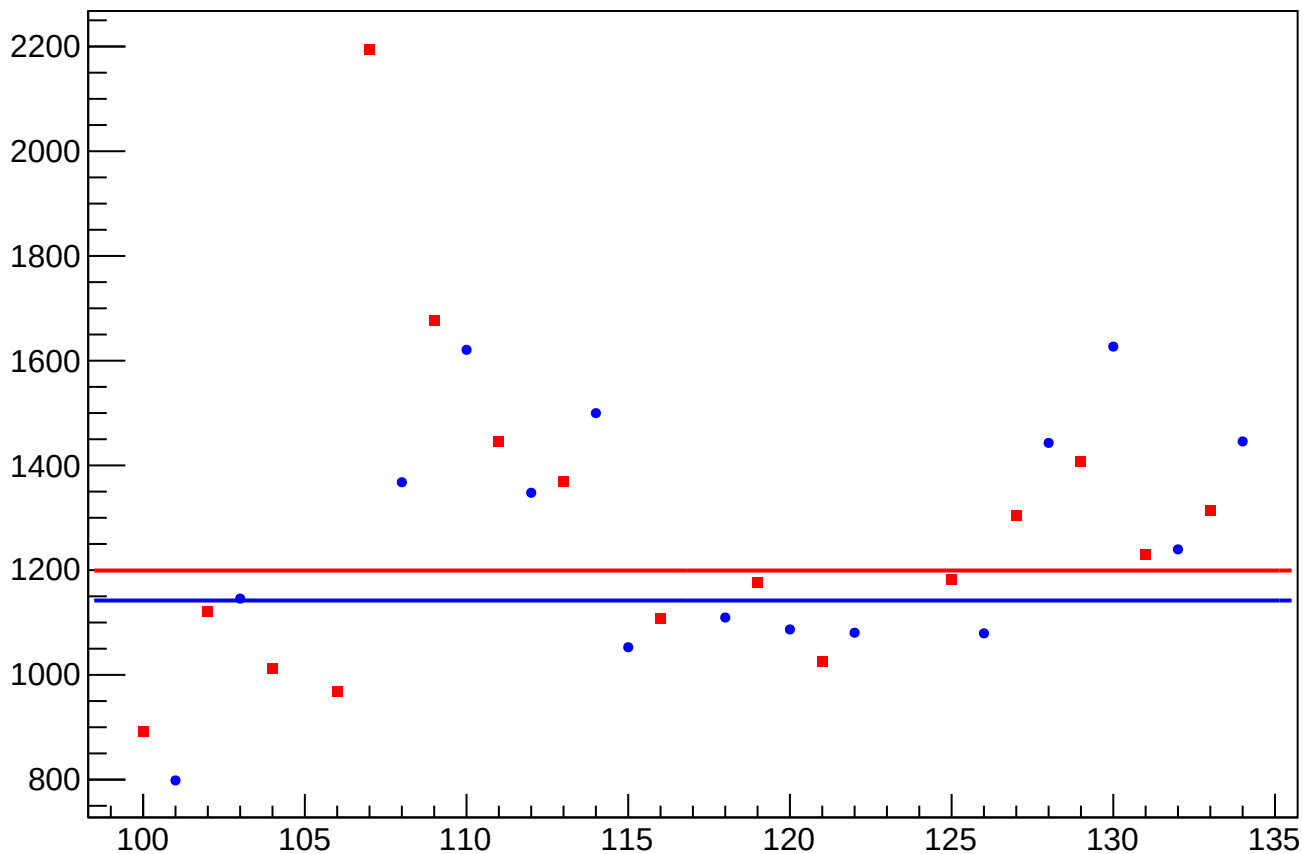
Right: -15.020+/-332.394 χ^2/NDF : 27.1/30

In: 56.094+/-465.813 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.020+/-332.394 χ^2/NDF : 27.1/30

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

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

Right Out: 1199.311+/-0.335 χ^2/NDF : 381984.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

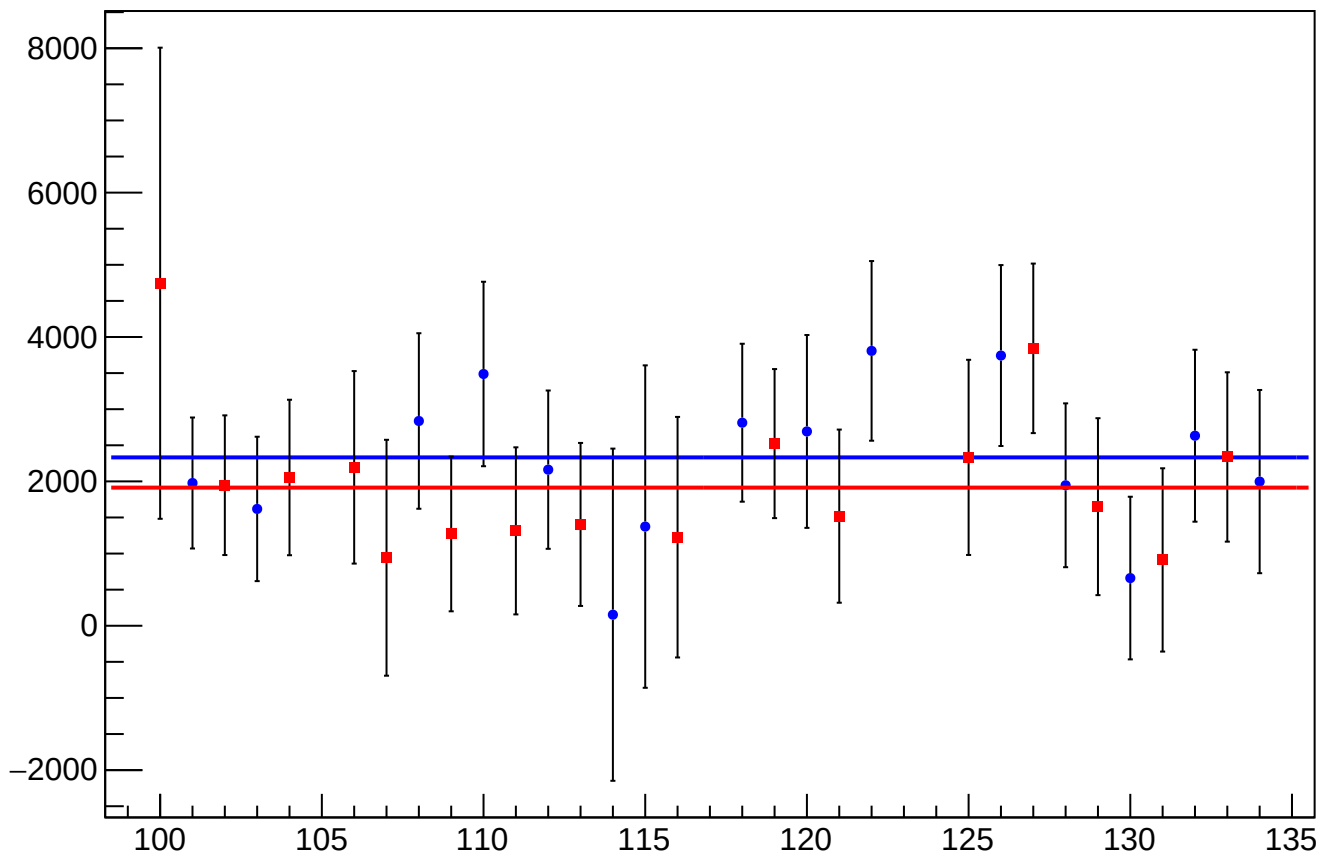
Right: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2332.196+/-311.685 χ^2/NDF : 8.1/14

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

Right Out: 1913.590+/-306.537 χ^2/NDF : 6.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

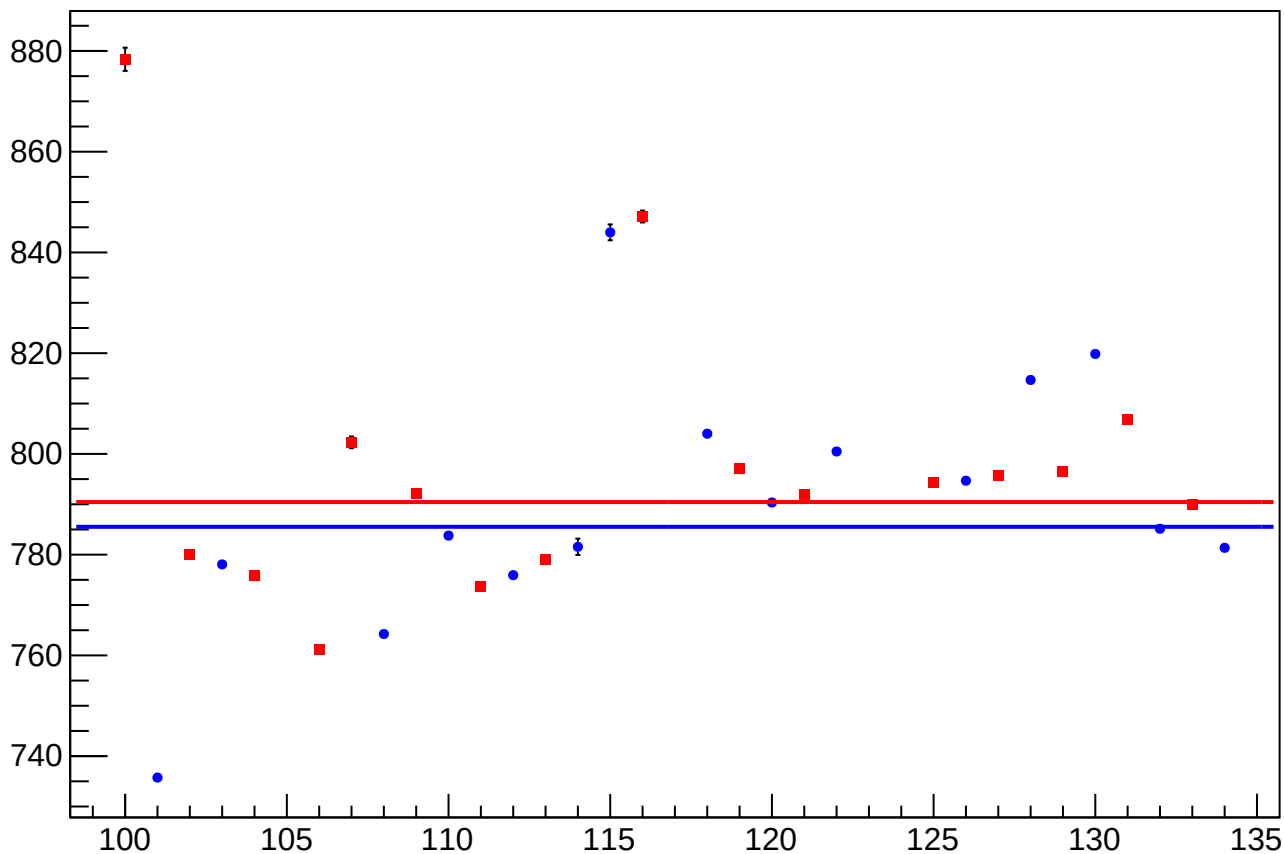
Right: 2119.407+/-218.552 χ^2/NDF : 15.3/30

In: 2332.196+/-311.685 χ^2/NDF : 8.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.407+/-218.552 χ^2/NDF : 15.3/30

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.534 $\pm$ 0.220 χ^2 /NDF: 12469.0/14

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

Right Out: 790.445 $\pm$ 0.217 χ^2 /NDF: 6584.8/15

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

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

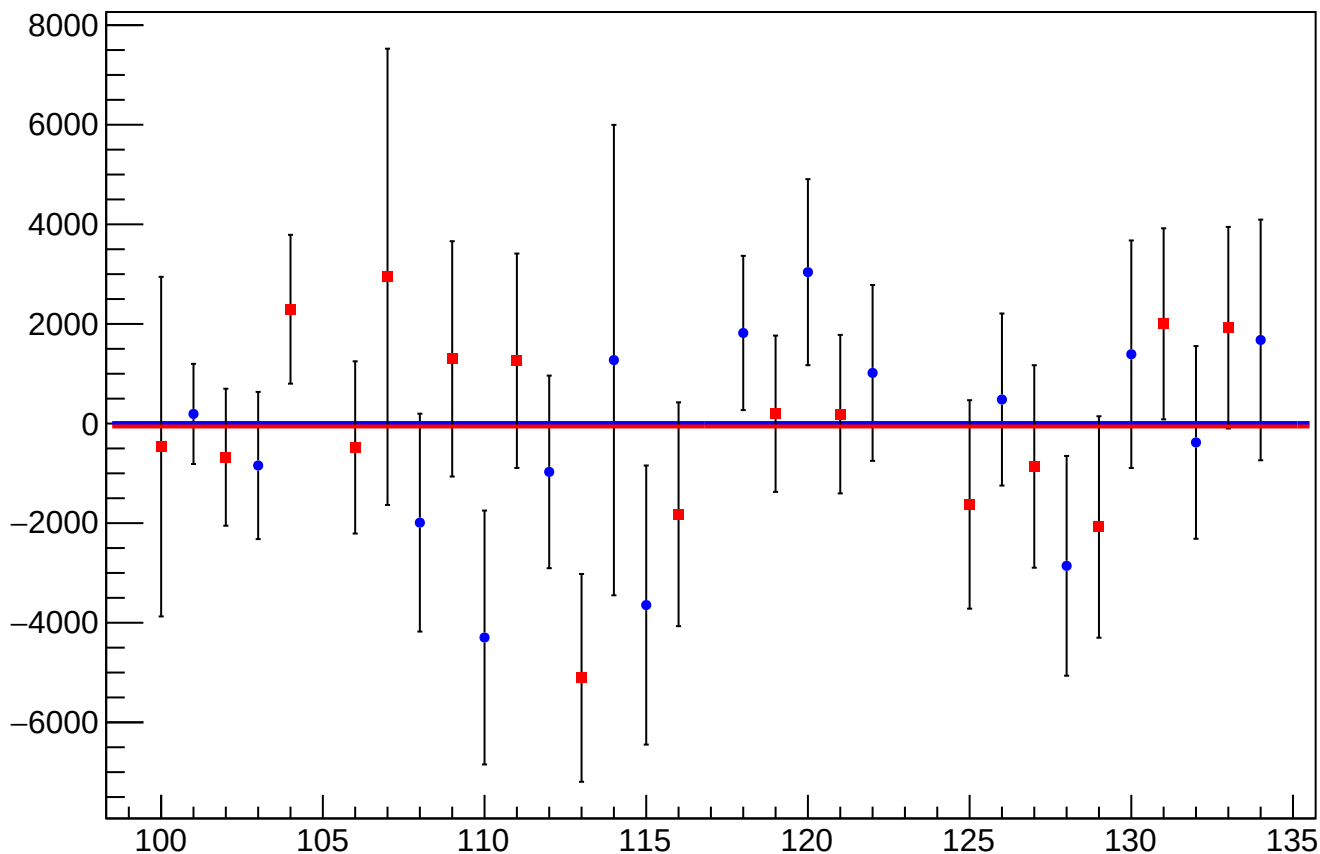
Right: 788.030 $\pm$ 0.155 χ^2 /NDF: 19306.2/30

In: 785.534 $\pm$ 0.220 χ^2 /NDF:12469.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 788.030 $\pm$ 0.155 χ^2 /NDF: 19306.2/30

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 9.886 ± 474.361 χ^2/NDF : 13.1/14

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

Right Out: -58.508 ± 484.698 χ^2/NDF : 14.1/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

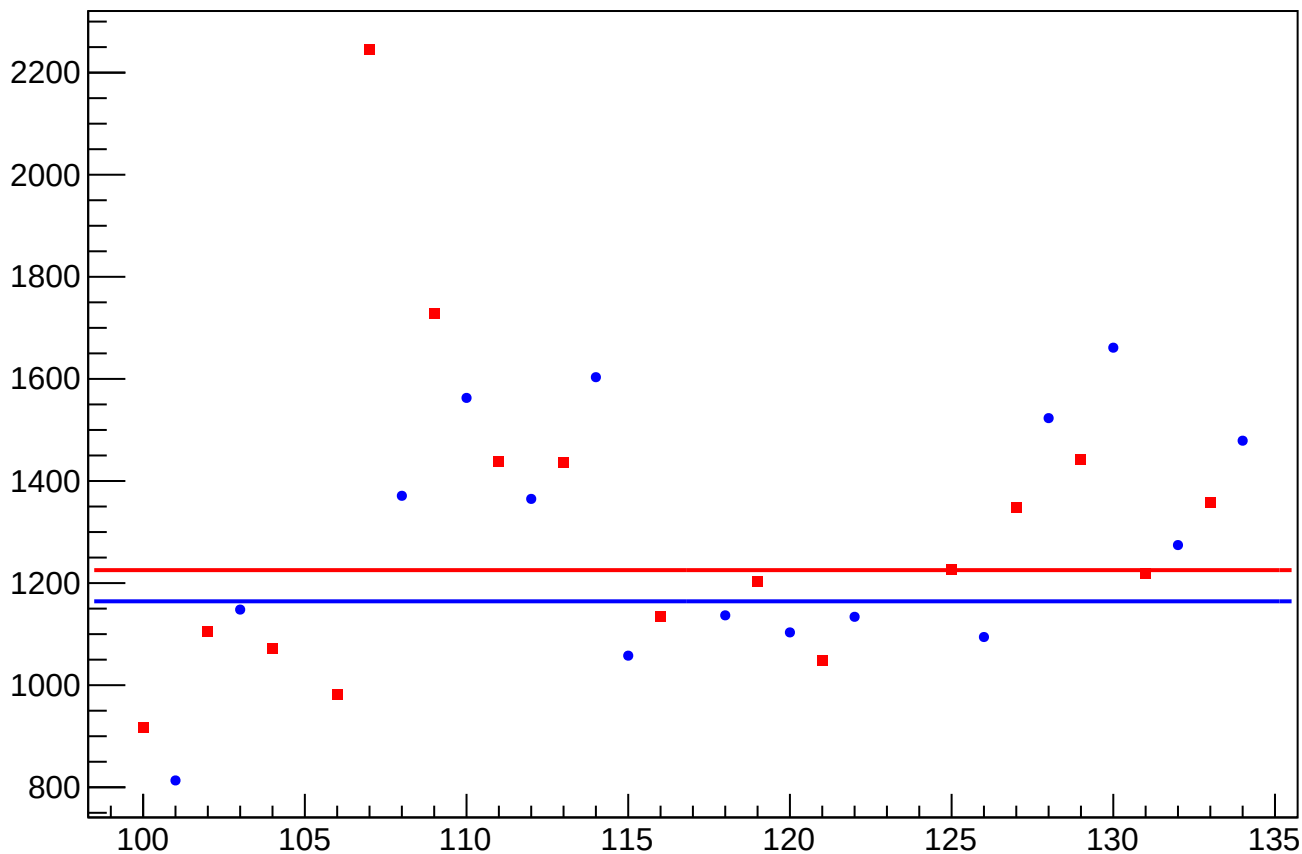
Right: -23.574 ± 339.019 χ^2/NDF : 27.1/30

In: 9.886 ± 474.361 χ^2/NDF : 13.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.574 ± 339.019 χ^2/NDF : 27.1/30

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1164.301+/-0.335 χ^2/NDF : 546796.0/14

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

Right Out: 1225.389+/-0.343 χ^2/NDF : 385444.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

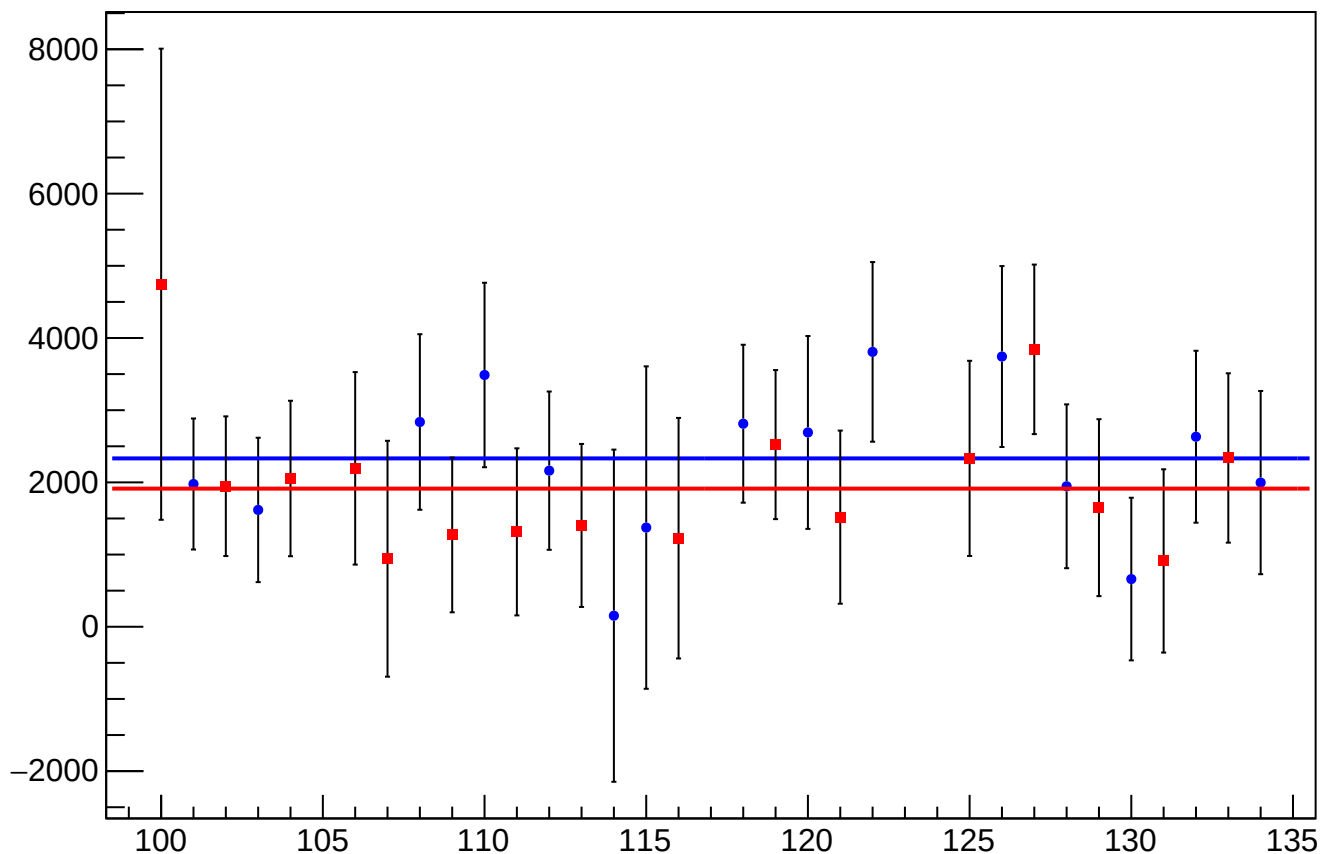
Right: 1194.187+/-0.240 χ^2/NDF : 948467.3/30

In: 1164.301+/-0.335 χ^2/NDF : 546796.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1194.187+/-0.240 χ^2/NDF : 948467.3/30

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2332.197+/-311.685 χ^2/NDF : 8.1/14

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

Right Out: 1913.589+/-306.537 χ^2/NDF : 6.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

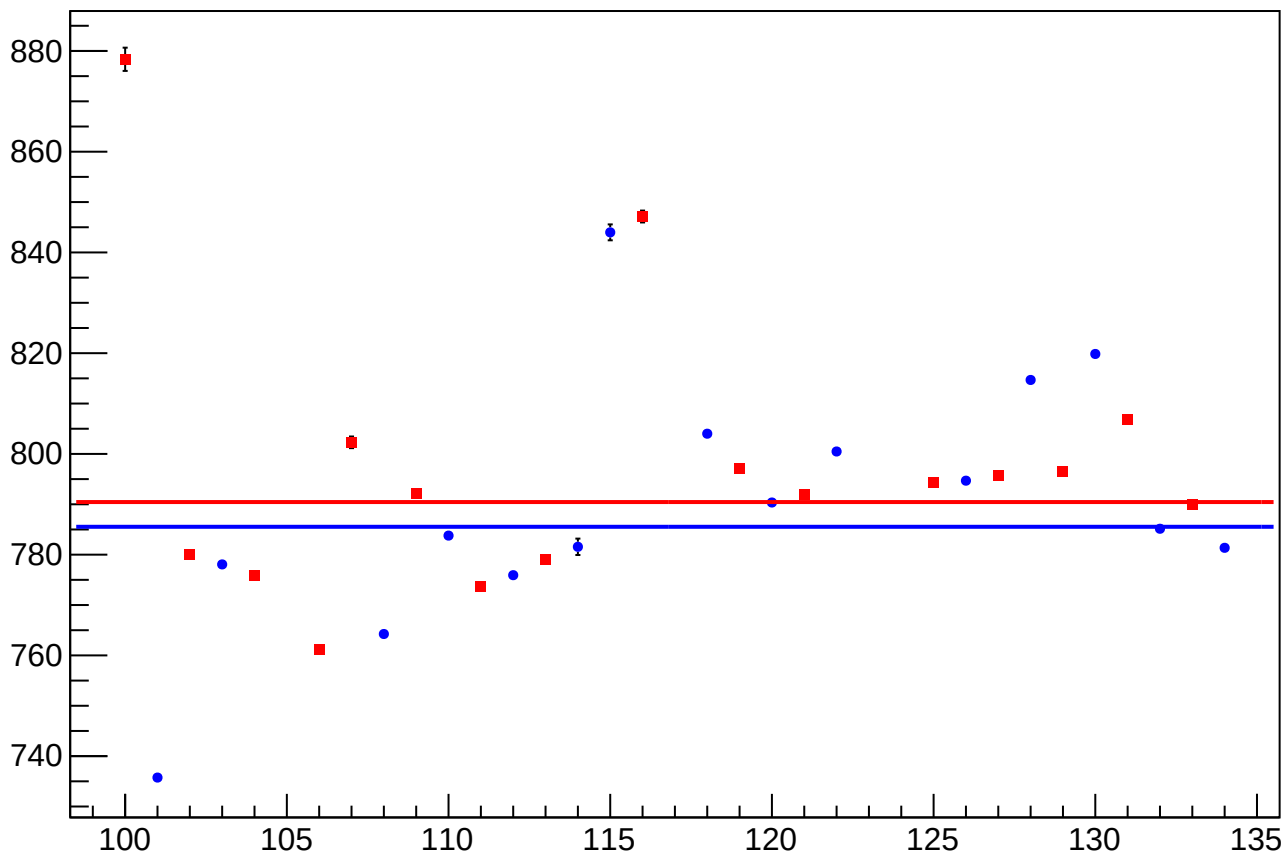
Right: 2119.407+/-218.552 χ^2/NDF : 15.3/30

In: 2332.197+/-311.685 χ^2/NDF : 8.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.407+/-218.552 χ^2/NDF : 15.3/30

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.534+/-0.220 χ^2/NDF : 12468.9/14

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

Right Out: 790.445+/-0.217 χ^2/NDF : 6584.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

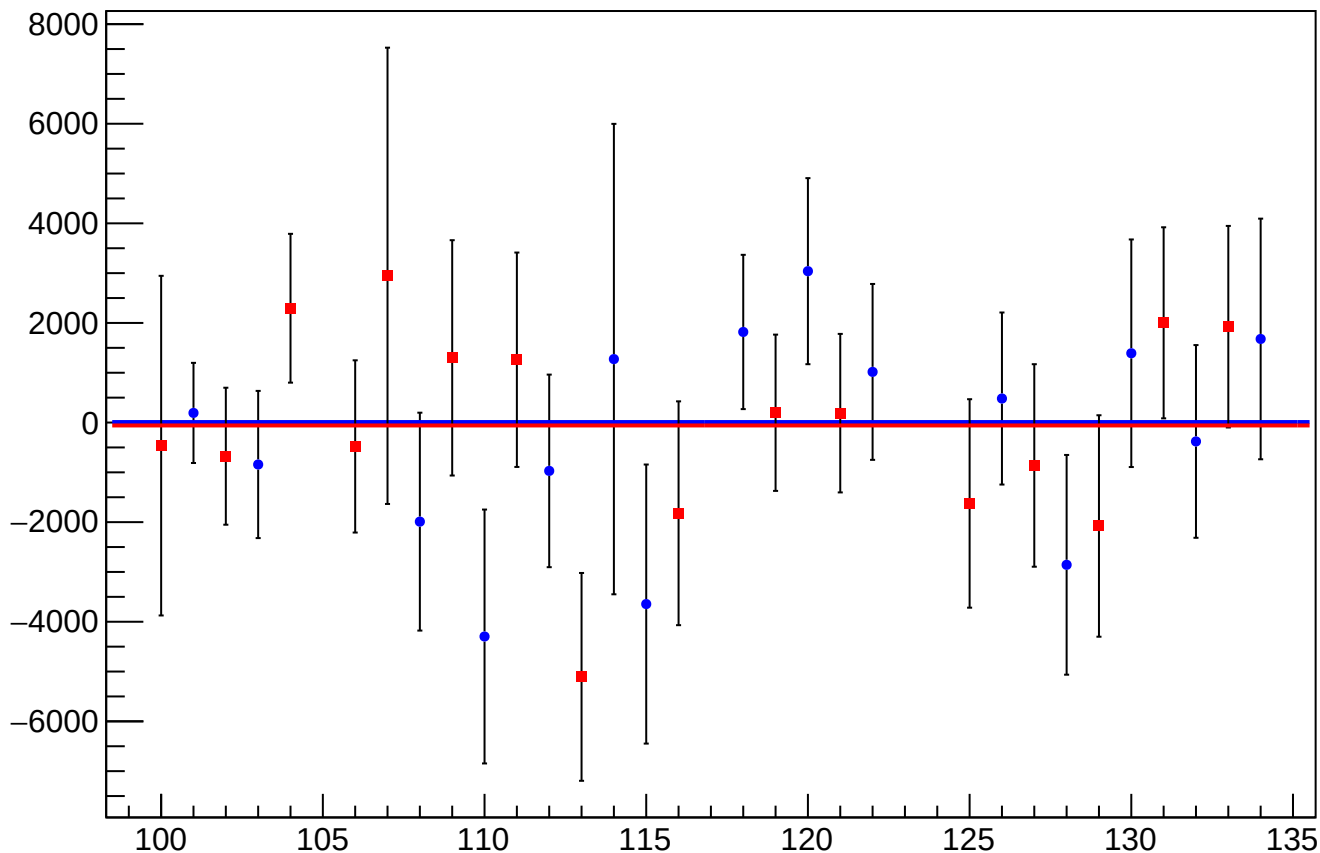
Right: 788.030+/-0.155 χ^2/NDF : 19306.1/30

In: 785.534+/-0.220 χ^2/NDF : 12468.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.030+/-0.155 χ^2/NDF : 19306.1/30

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 9.886+/-474.360 χ^2/NDF : 13.1/14

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

Right Out: -58.507+/-484.696 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

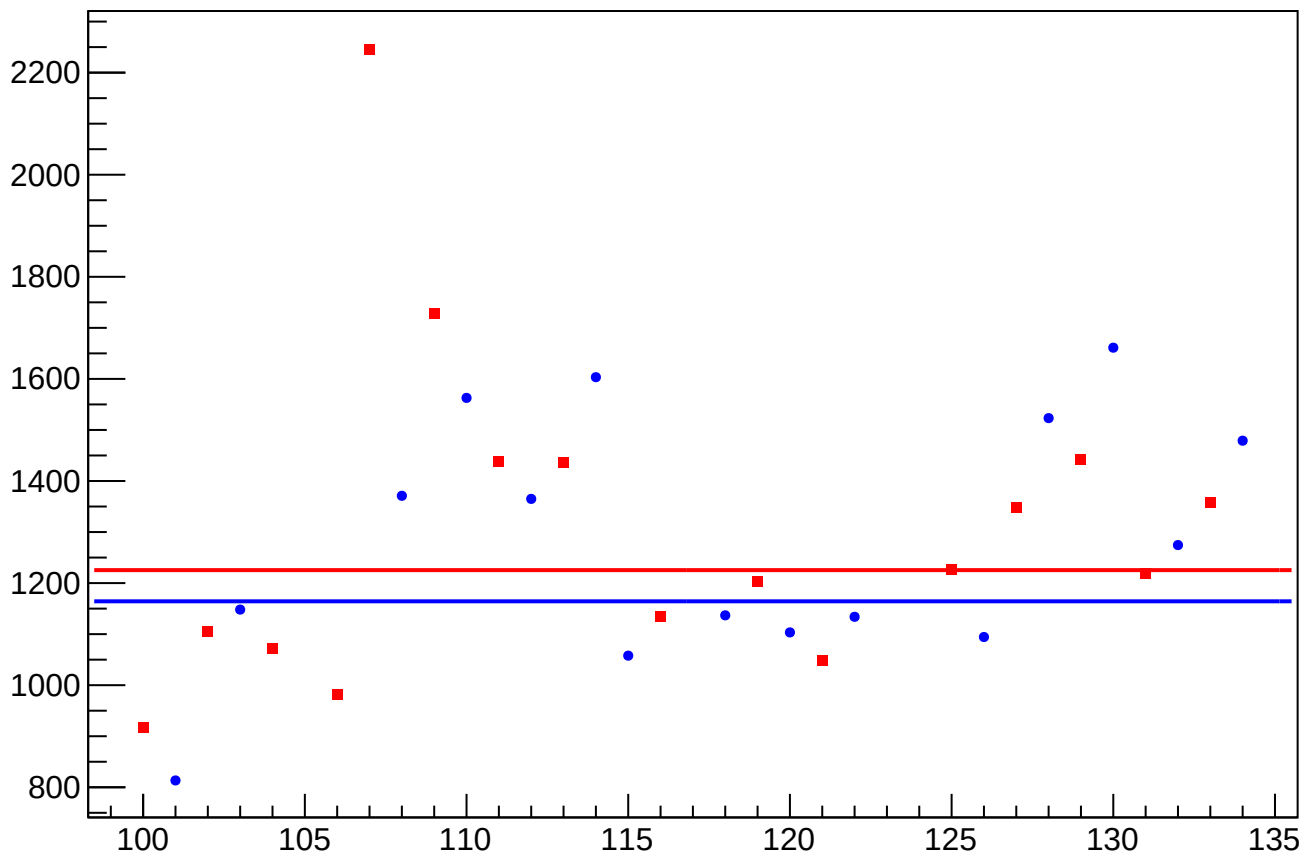
Right: -23.573+/-339.018 χ^2/NDF : 27.1/30

In: 9.886+/-474.360 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.573+/-339.018 χ^2/NDF : 27.1/30

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1164.297+/-0.335 χ^2/NDF : 546792.4/14

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

Right Out: 1225.386+/-0.343 χ^2/NDF : 385441.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

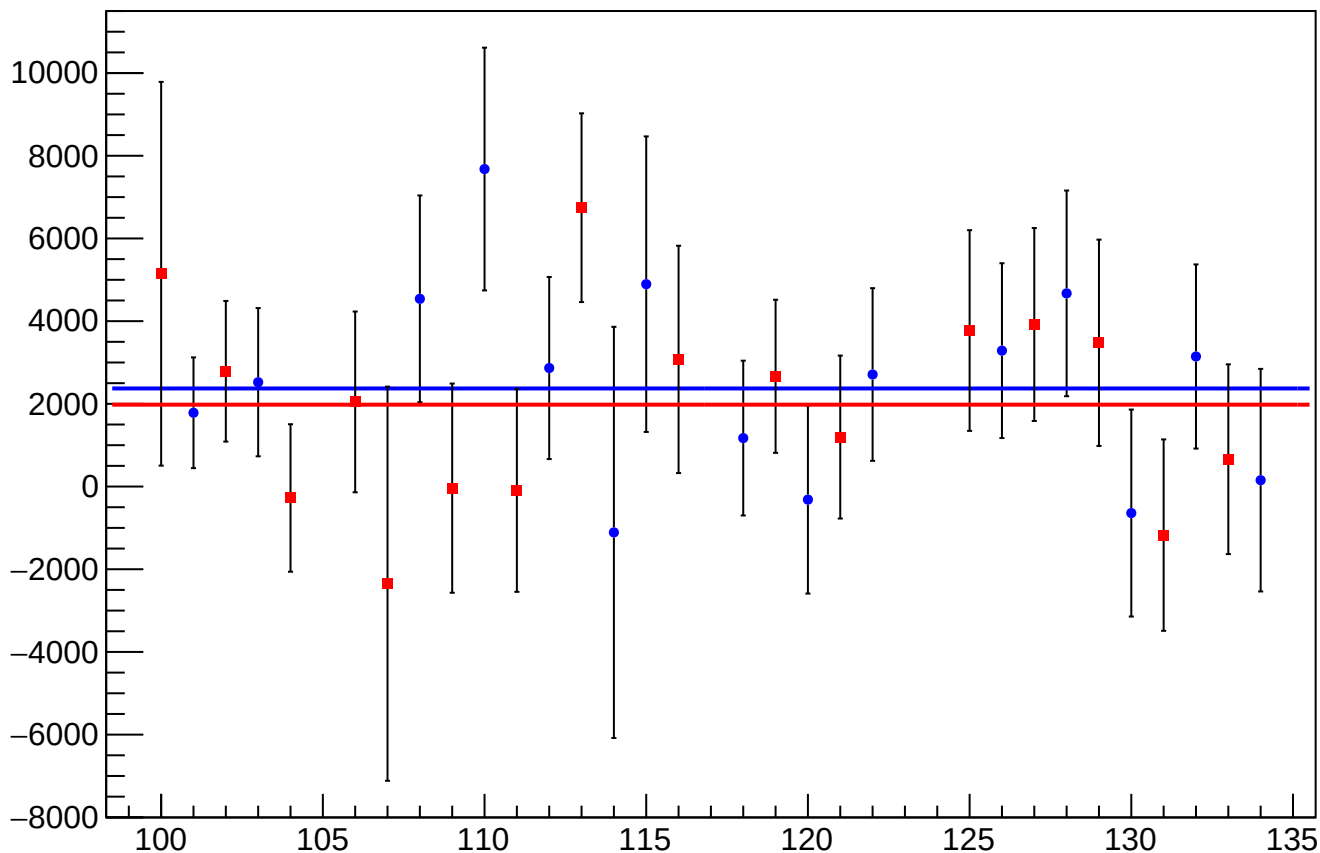
Right: 1194.183+/-0.240 χ^2/NDF : 948461.1/30

In: 1164.297+/-0.335 χ^2/NDF : 546792.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1194.183+/-0.240 χ^2/NDF : 948461.1/30

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2372.145+/-571.382 χ^2/NDF : 10.4/14

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

Right Out: 1979.792+/-572.930 χ^2/NDF : 13.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

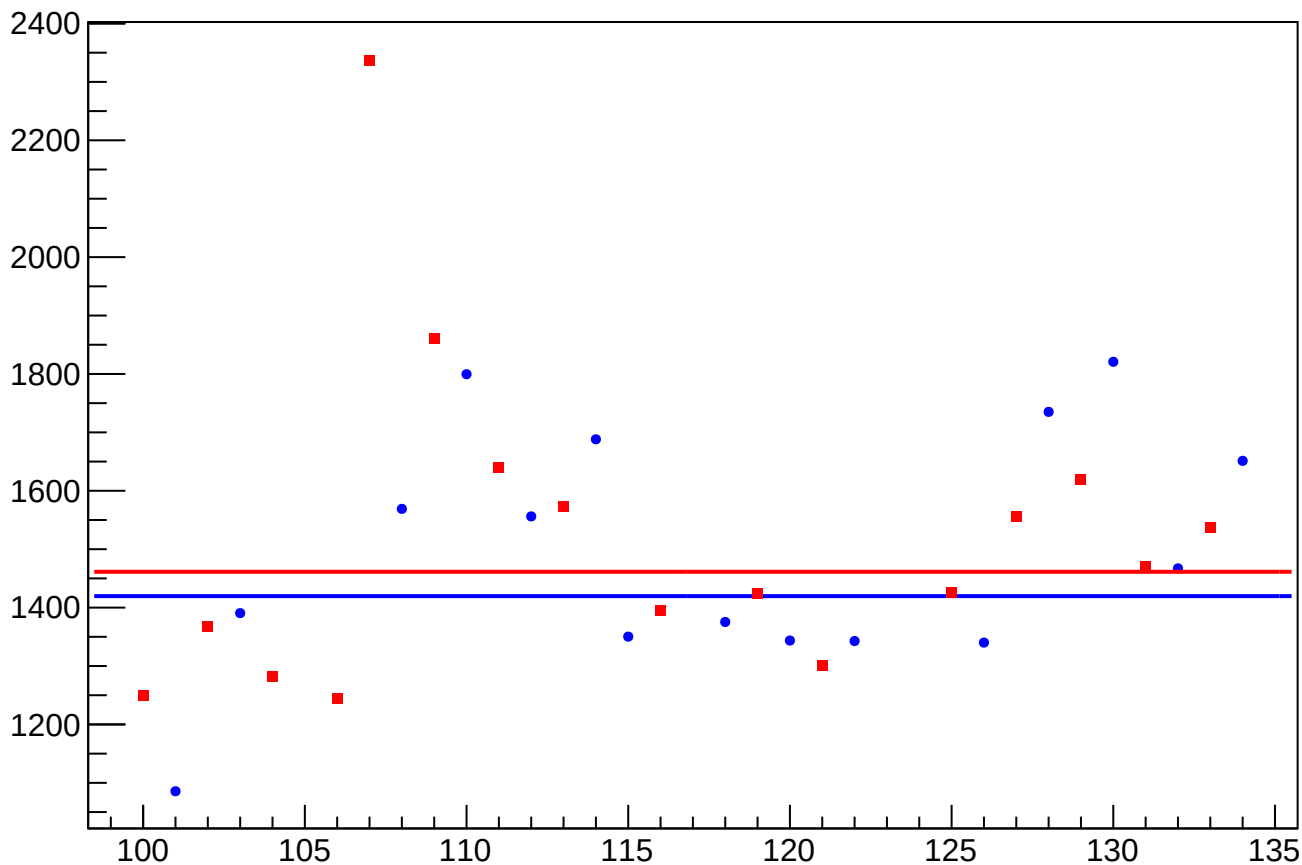
Right: 2176.499+/-404.574 χ^2/NDF : 23.7/30

In: 2372.145+/-571.382 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.499+/-404.574 χ^2/NDF : 23.7/30

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1419.688+/-0.404 χ^2/NDF : 288019.9/14

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

Right Out: 1461.324+/-0.405 χ^2/NDF : 212062.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

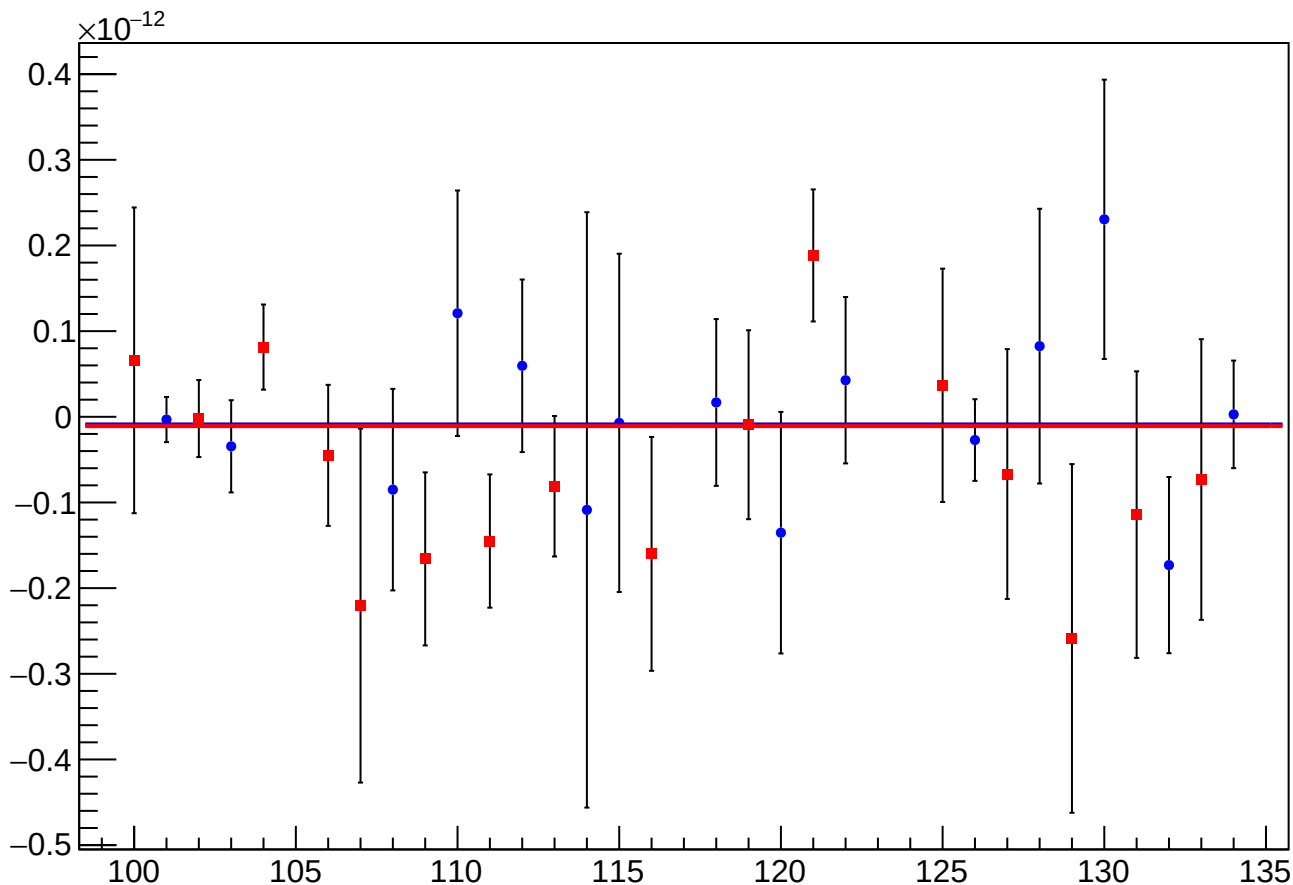
Right: 1440.450+/-0.286 χ^2/NDF : 505377.2/30

In: 1419.688+/-0.404 χ^2/NDF : 288019.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.450+/-0.286 χ^2/NDF : 505377.2/30

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 21.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

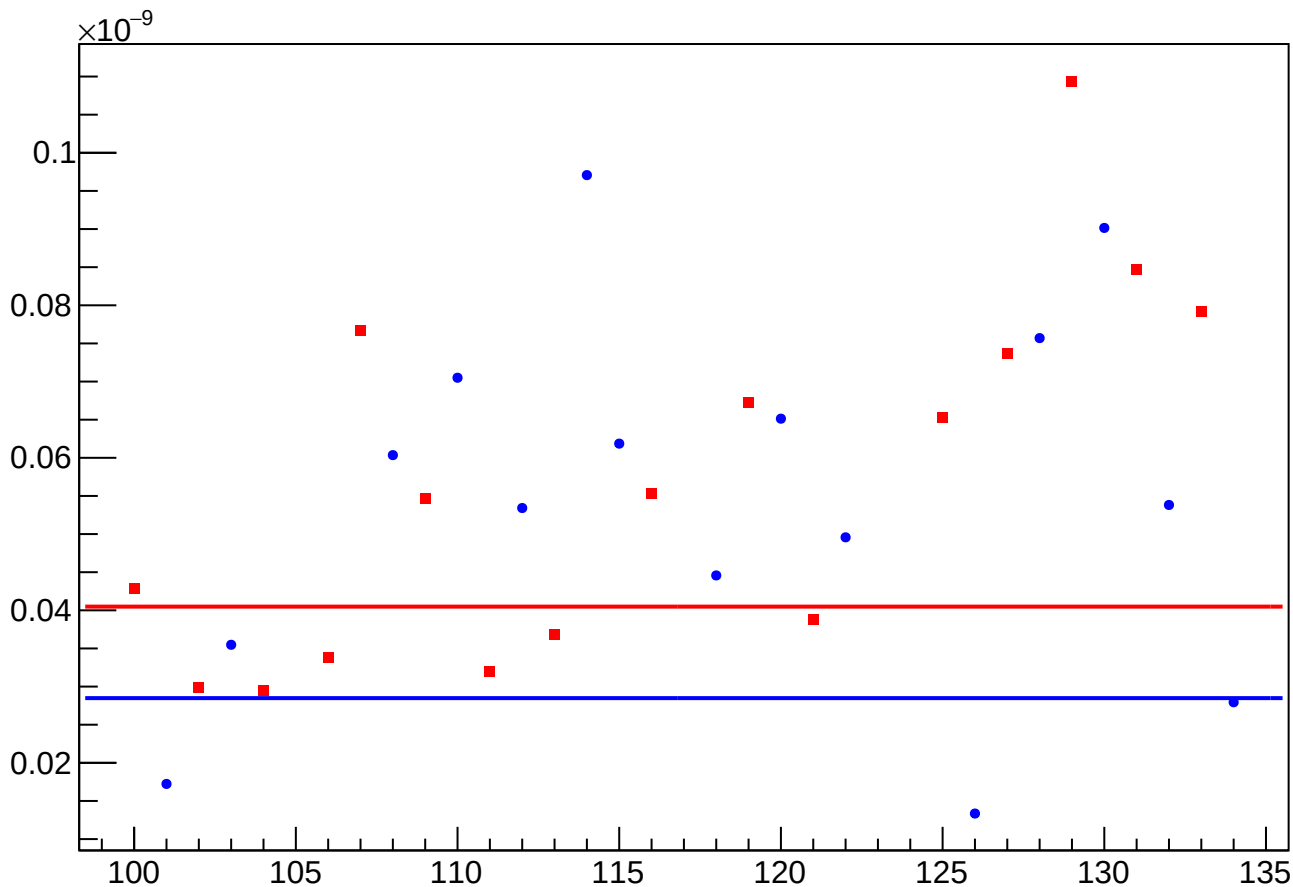
Right: -0.000+/-0.000 χ^2/NDF : 29.5/30

In: -0.000+/-0.000 χ^2/NDF : 8.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/30

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2040636.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1142358.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 3537658.3/30

In: 0.000+/-0.000

χ^2/NDF : 2040636.7/14

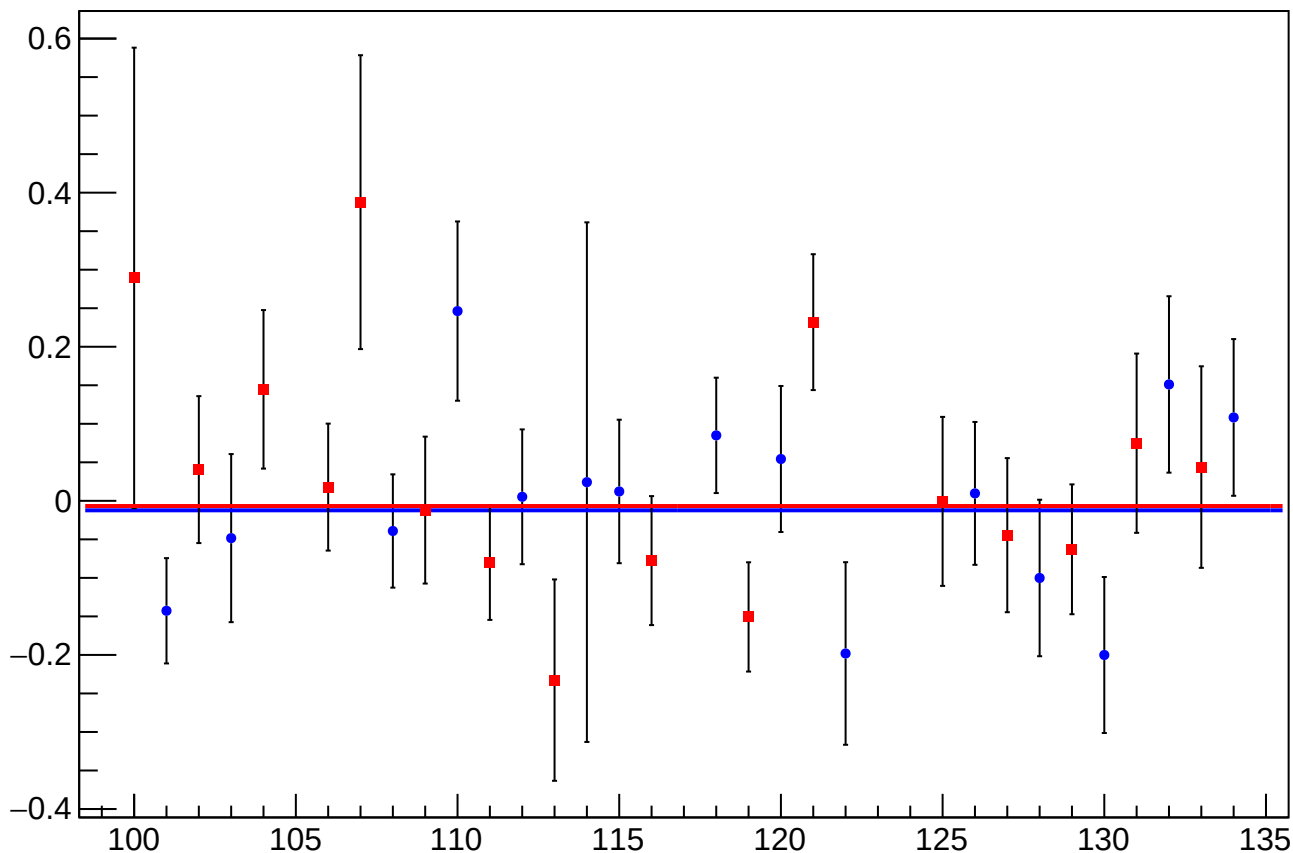
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 3537658.3/30

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.025 χ^2/NDF : 21.3/14

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

Right Out: -0.007+/-0.025 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

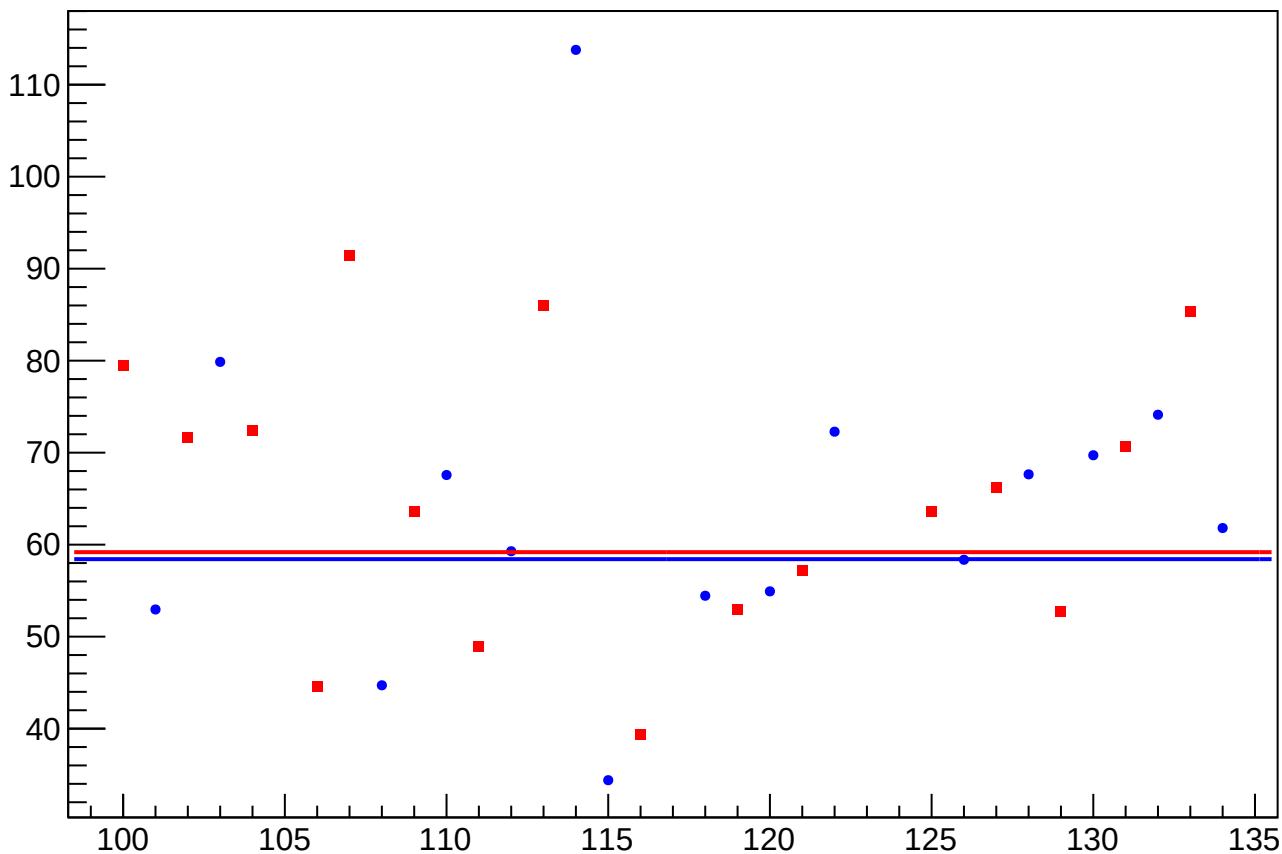
Right: -0.010+/-0.017 χ^2/NDF : 46.4/30

In: -0.012+/-0.025 χ^2/NDF :21.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.017 χ^2/NDF : 46.4/30

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.423+/-0.017 χ^2/NDF : 476204.9/14

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

Right Out: 59.184+/-0.017 χ^2/NDF : 575439.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

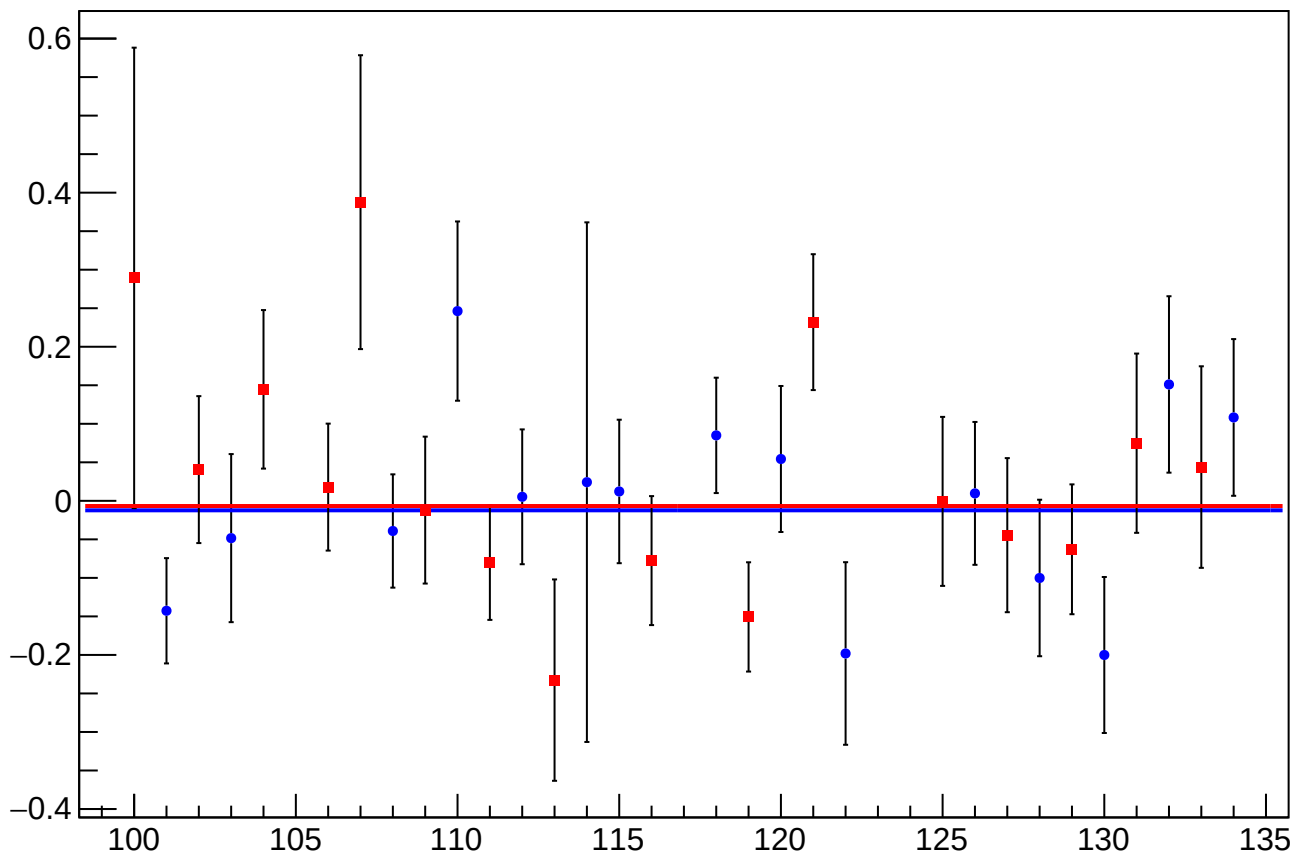
Right: 58.805+/-0.012 χ^2/NDF : 1052604.8/30

In: 58.423+/-0.017 χ^2/NDF :476204.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.805+/-0.012 χ^2/NDF : 1052604.8/30

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.025 χ^2/NDF : 21.3/14

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

Right Out: -0.007+/-0.025 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

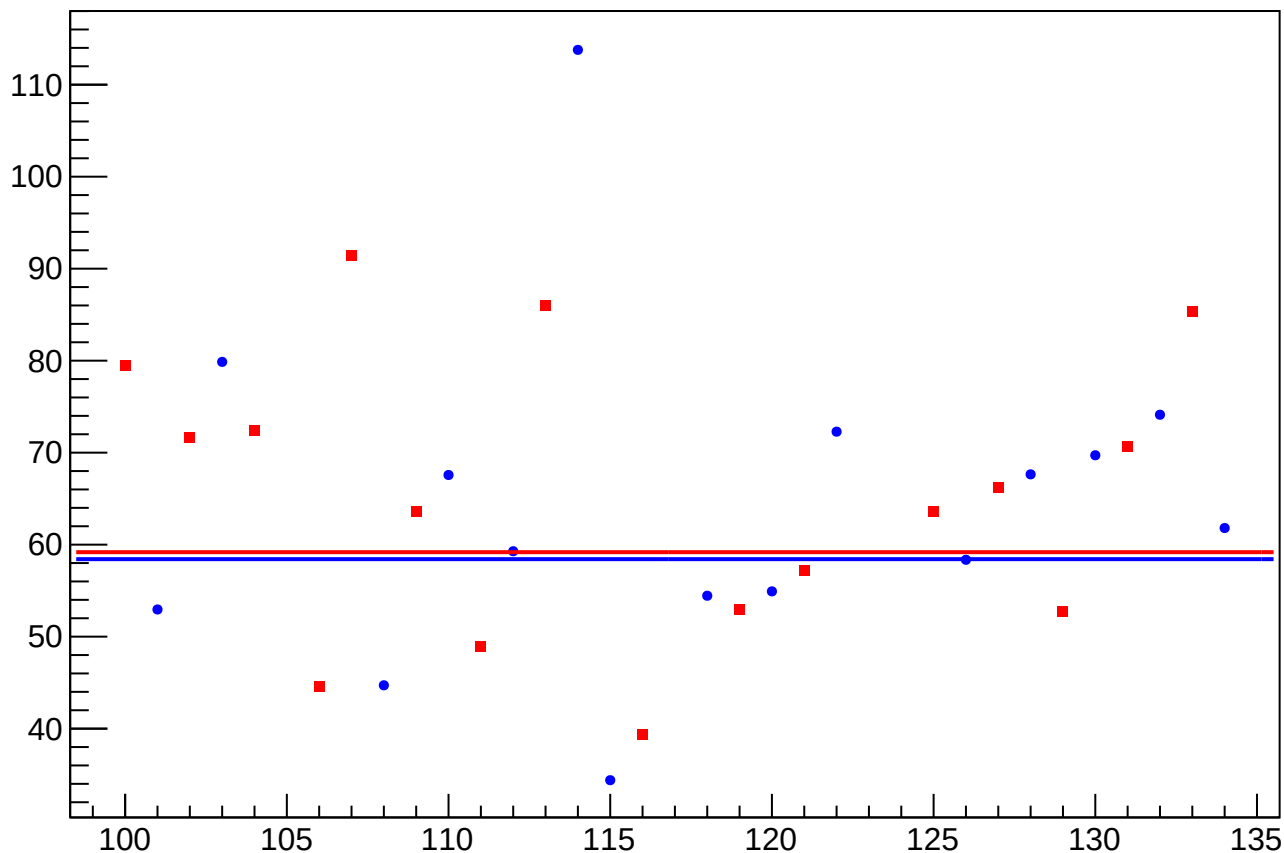
Right: -0.010+/-0.017 χ^2/NDF : 46.4/30

In: -0.012+/-0.025 χ^2/NDF :21.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.017 χ^2/NDF : 46.4/30

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.423+/-0.017 χ^2/NDF : 476204.9/14

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

Right Out: 59.184+/-0.017 χ^2/NDF : 575439.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

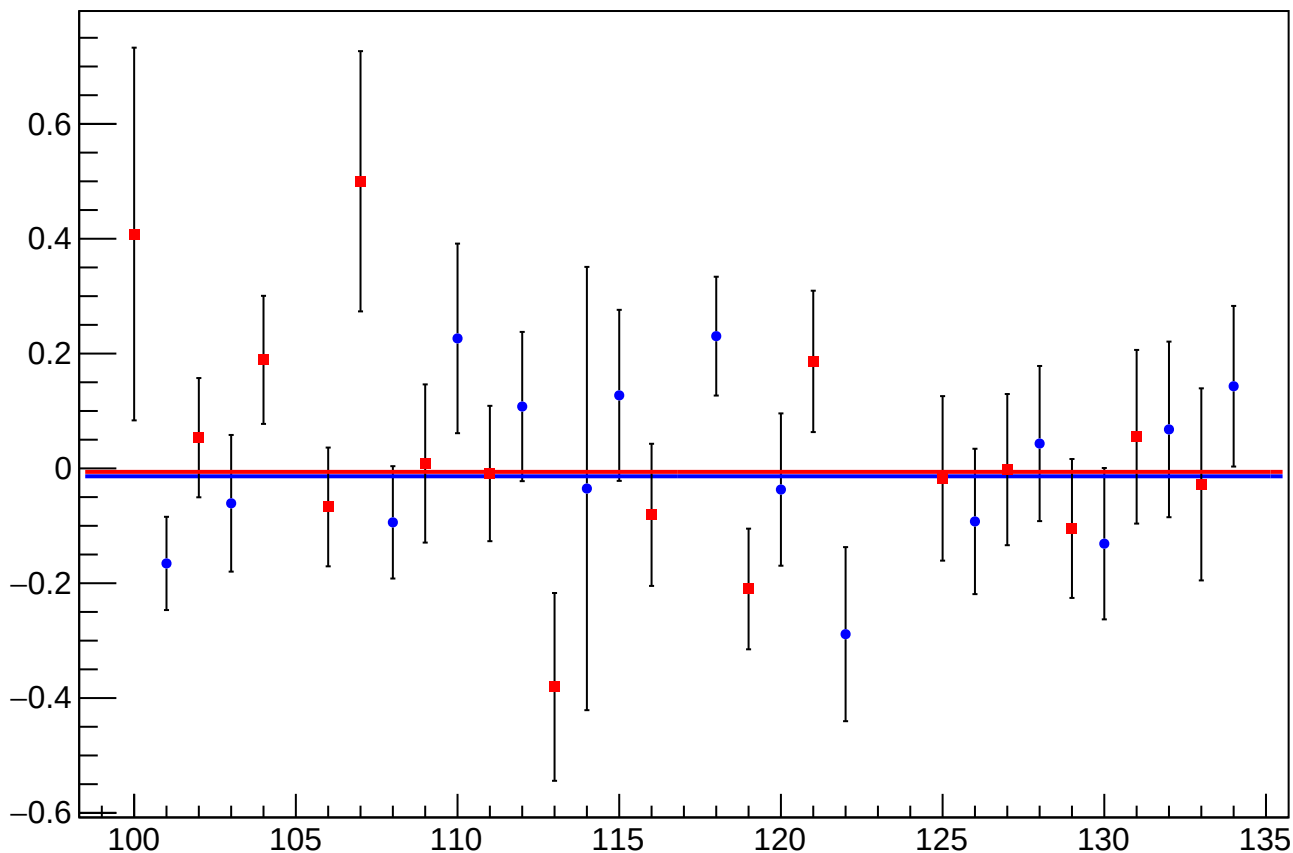
Right: 58.805+/-0.012 χ^2/NDF : 1052604.8/30

In: 58.423+/-0.017 χ^2/NDF :476204.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.805+/-0.012 χ^2/NDF : 1052604.8/30

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.033 χ^2/NDF : 20.0/14

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

Right Out: -0.006+/-0.033 χ^2/NDF : 23.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

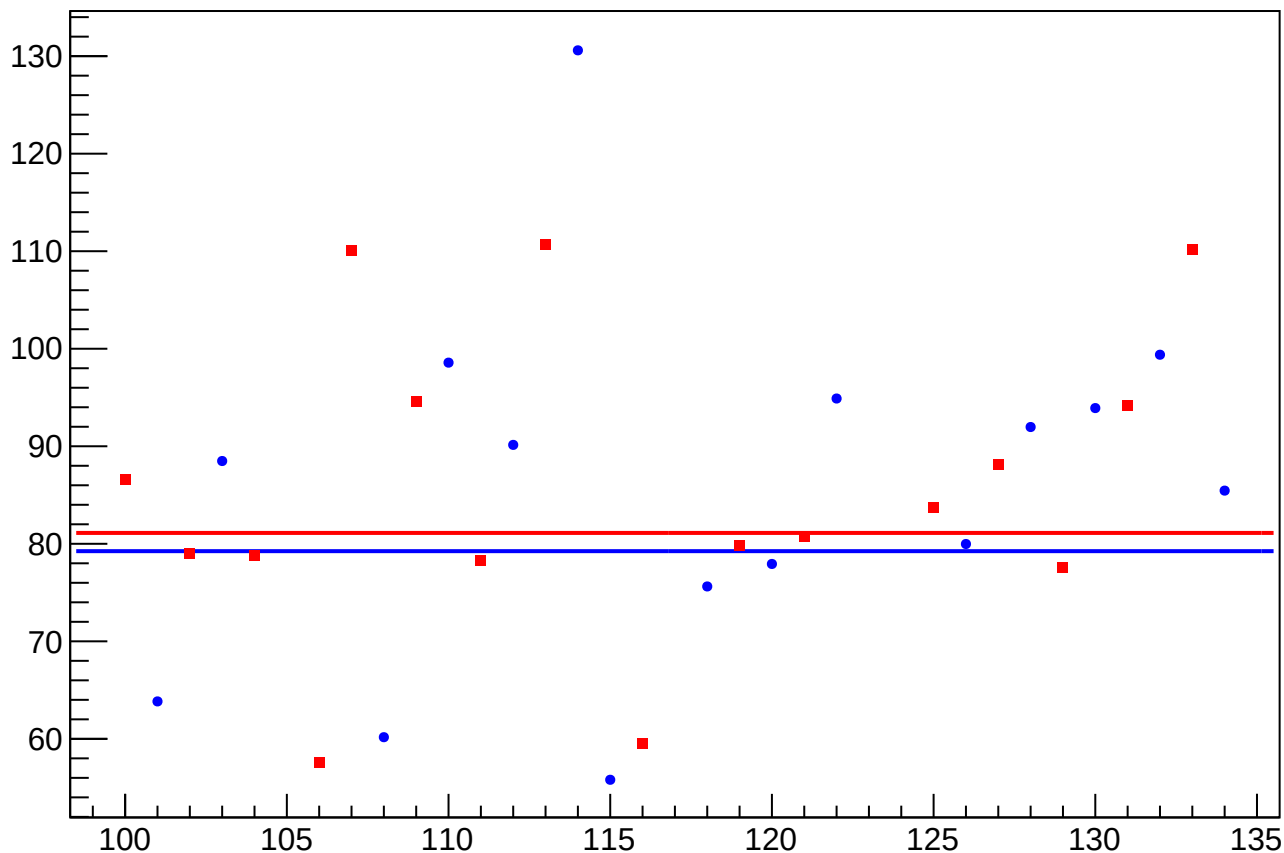
Right: -0.010+/-0.023 χ^2/NDF : 43.1/30

In: -0.014+/-0.033 χ^2/NDF : 20.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.023 χ^2/NDF : 43.1/30

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.245+/-0.023 χ^2/NDF : 391640.3/14

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

Right Out: 81.114+/-0.023 χ^2/NDF : 368570.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

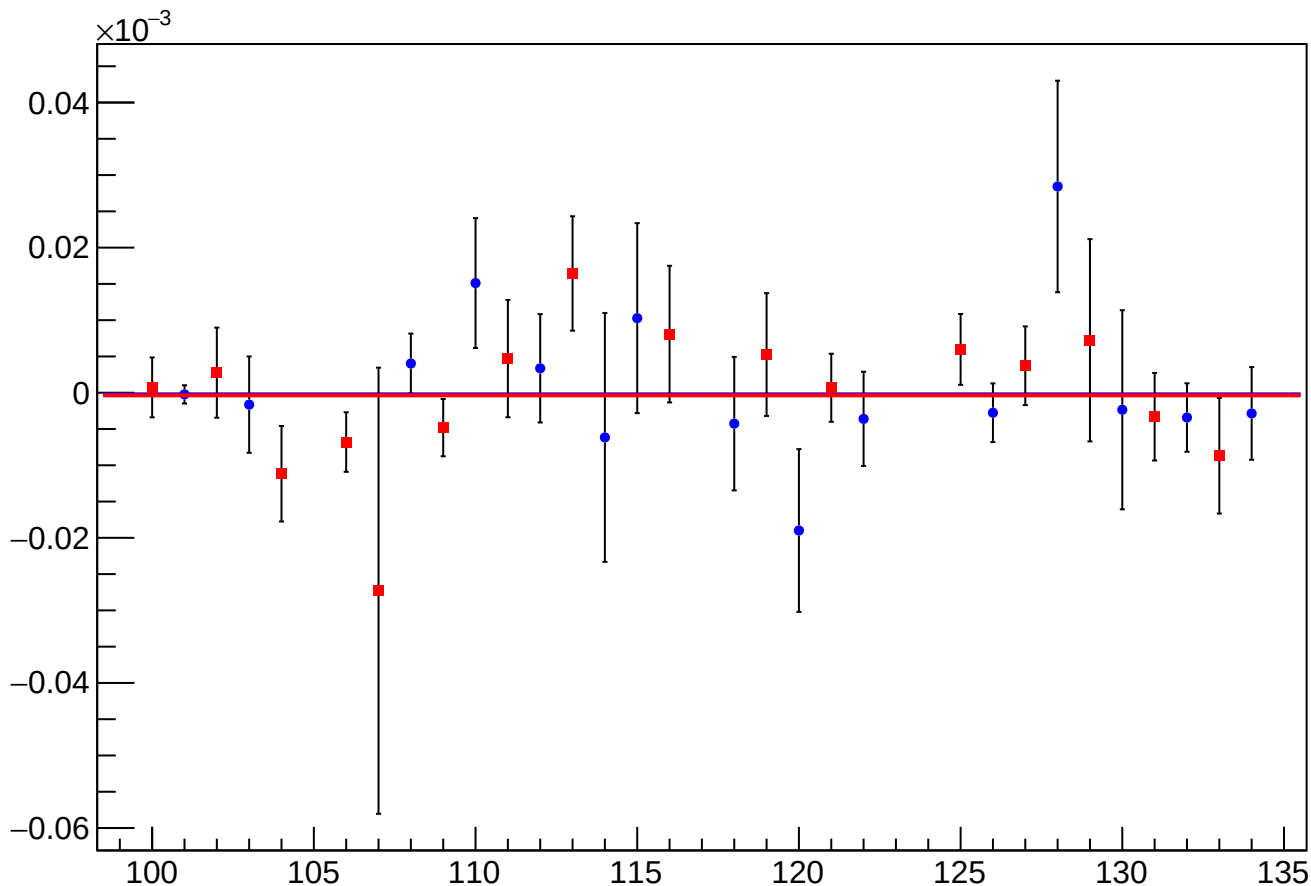
Right: 80.178+/-0.016 χ^2/NDF : 763478.6/30

In: 79.245+/-0.023 χ^2/NDF :391640.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 80.178+/-0.016 χ^2/NDF : 763478.6/30

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.2/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 17.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

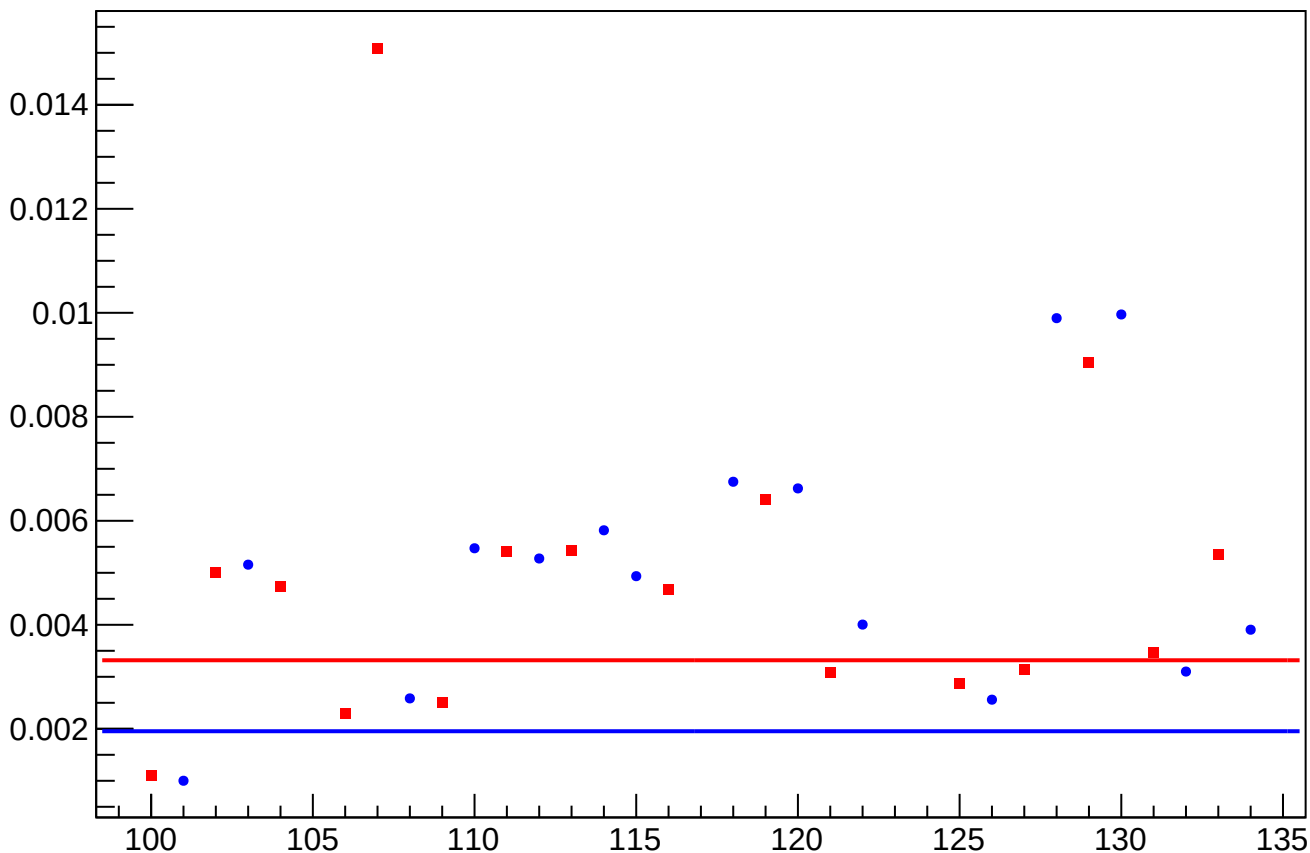
Right: -0.000+/-0.000 χ^2/NDF : 30.8/30

In: -0.000+/-0.000 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.8/30

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5287172.6/14

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

Right Out: 0.003+/-0.000 χ^2/NDF : 2391539.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

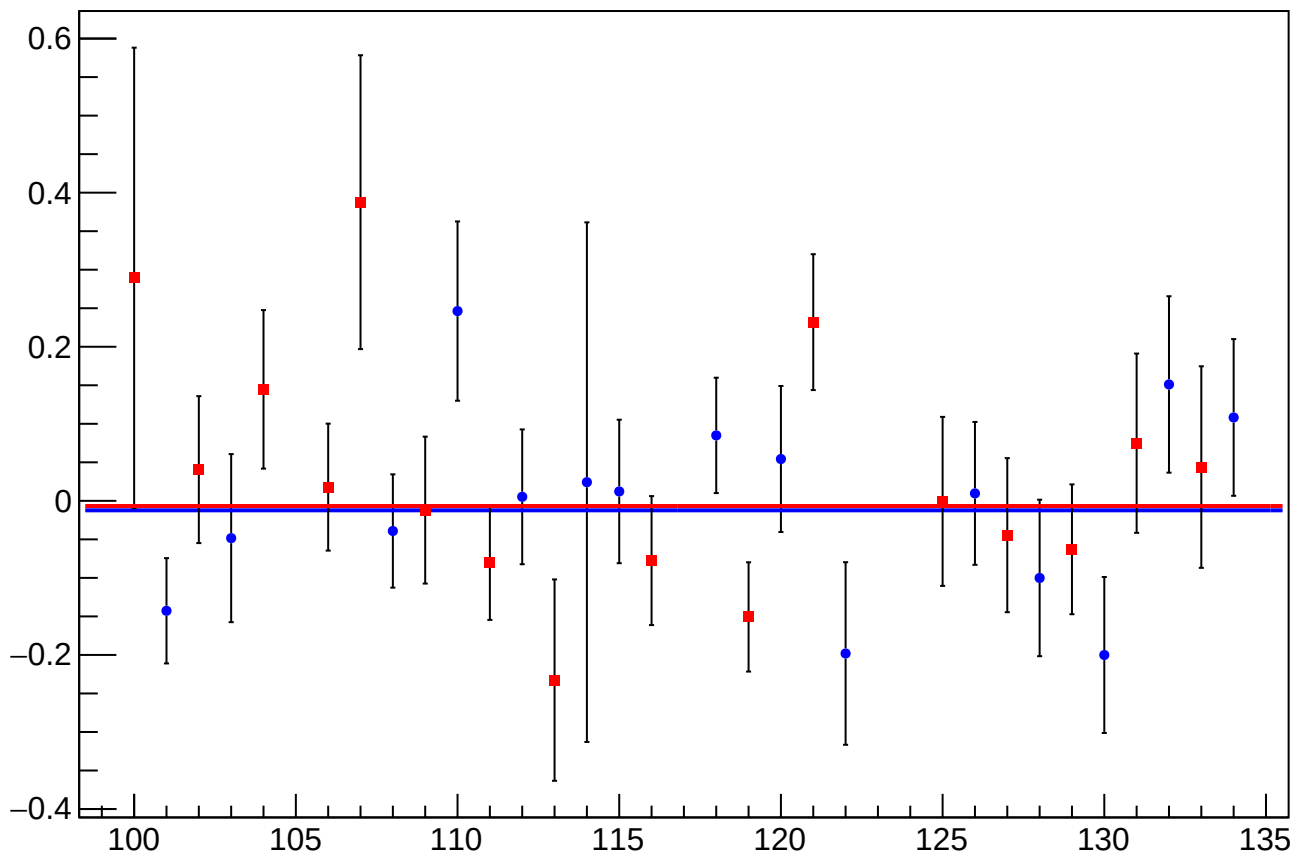
Right: 0.002+/-0.000 χ^2/NDF : 8825944.7/30

In: 0.002+/-0.000 χ^2/NDF :5287172.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8825944.7/30

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.025 χ^2 /NDF: 21.3/14

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

Right Out: -0.007+/-0.025 χ^2 /NDF: 25.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

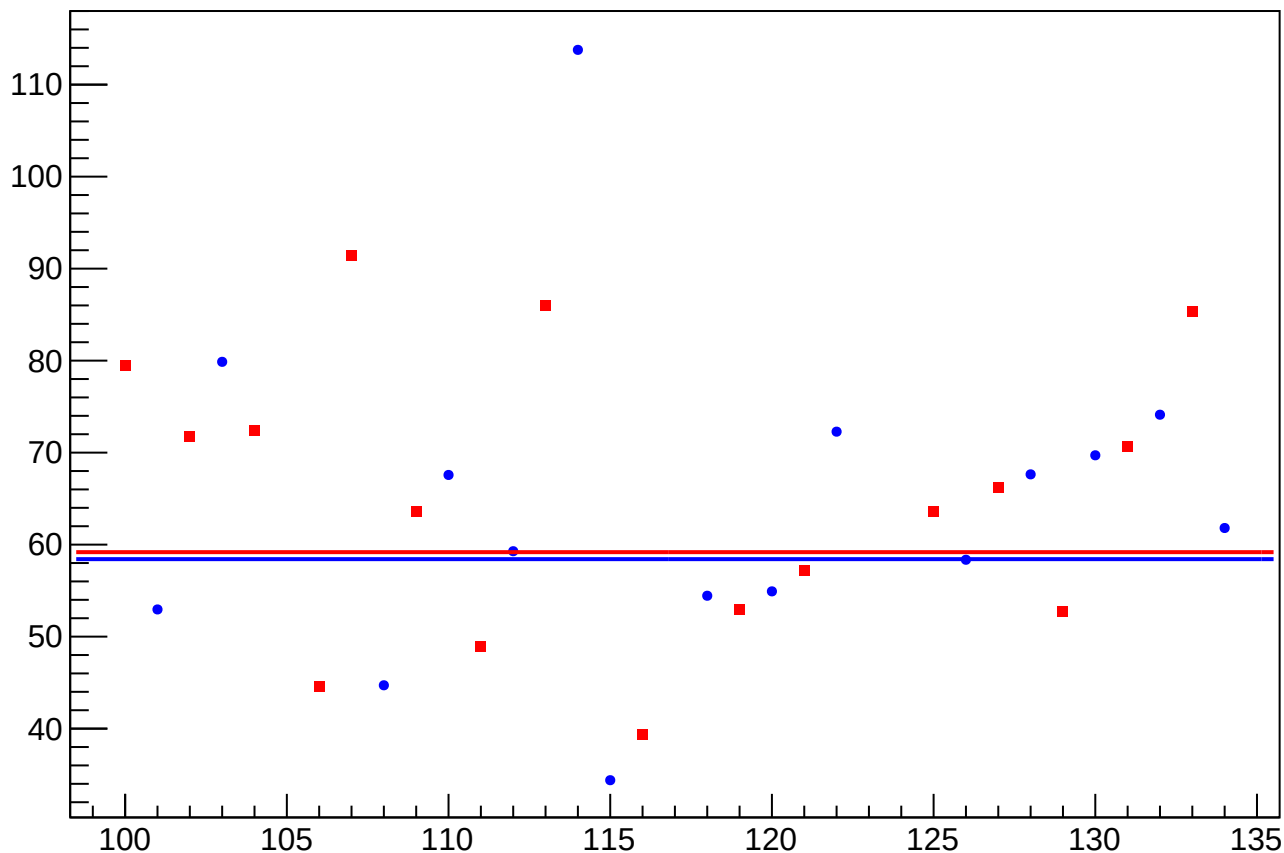
Right: -0.010+/-0.017 χ^2 /NDF: 46.4/30

In: -0.012+/-0.025 χ^2 /NDF:21.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.010+/-0.017 χ^2 /NDF: 46.4/30

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.422+/-0.017 χ^2/NDF : 476202.6/14

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

Right Out: 59.182+/-0.017 χ^2/NDF : 575457.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

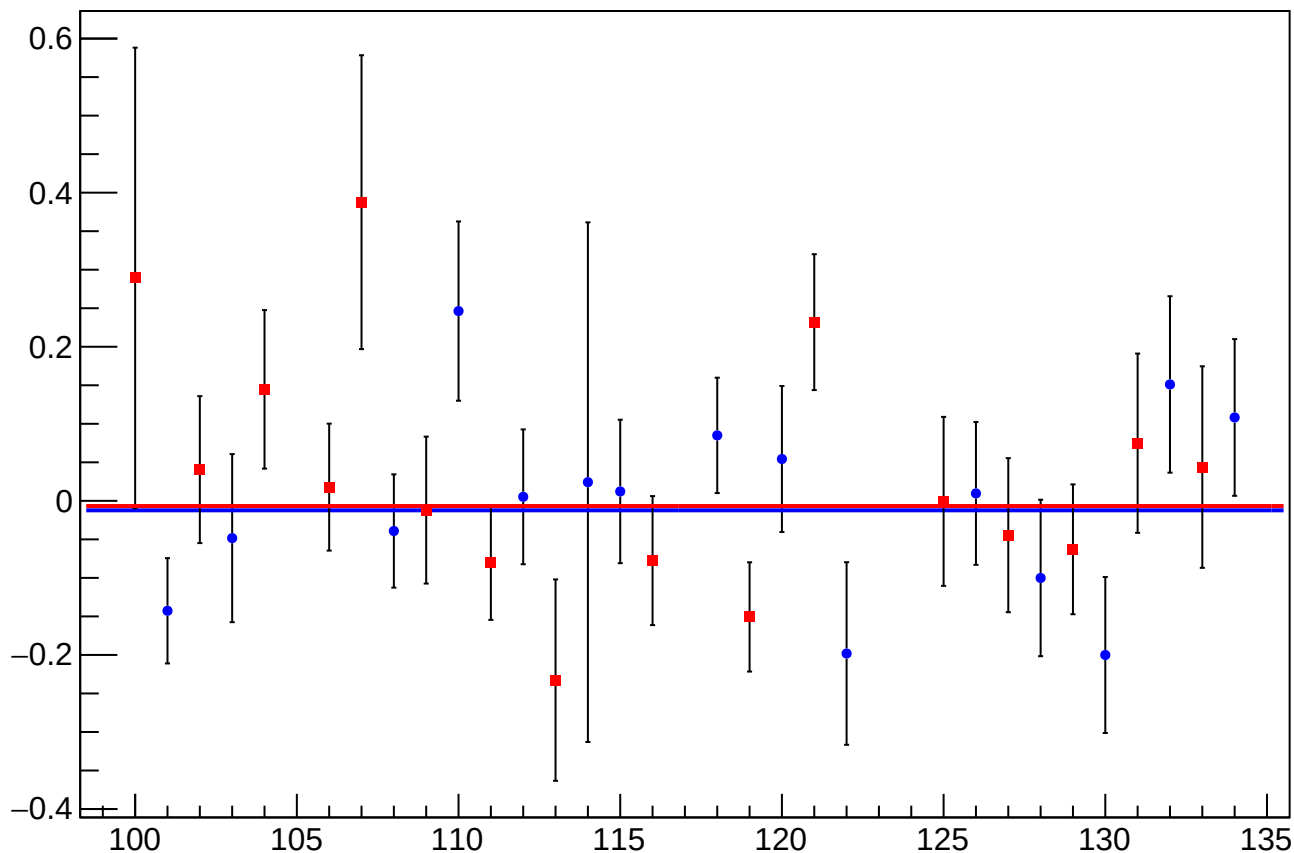
Right: 58.803+/-0.012 χ^2/NDF : 1052619.6/30

In: 58.422+/-0.017 χ^2/NDF : 476202.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.803+/-0.012 χ^2/NDF : 1052619.6/30

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.025 χ^2/NDF : 21.3/14

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

Right Out: -0.007+/-0.025 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

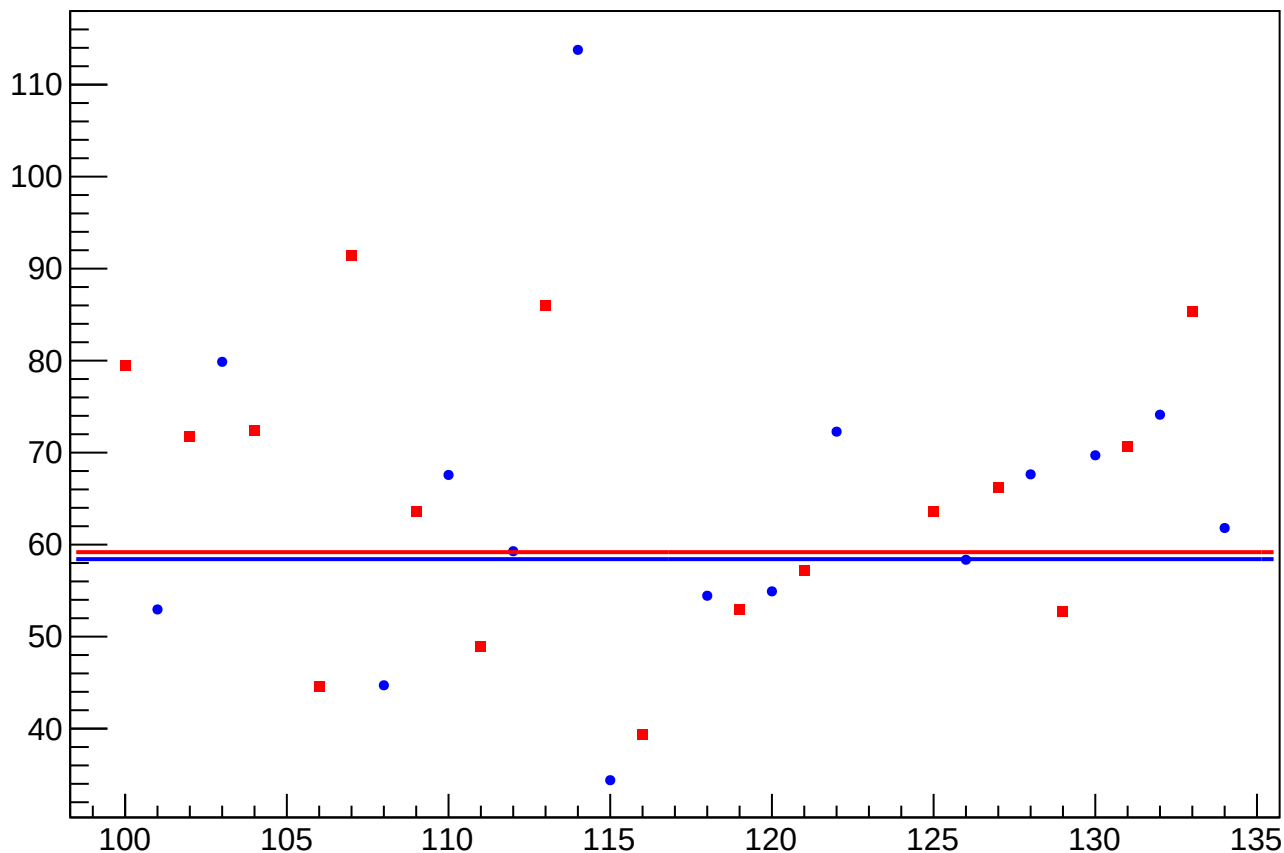
Right: -0.010+/-0.017 χ^2/NDF : 46.4/30

In: -0.012+/-0.025 χ^2/NDF :21.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.017 χ^2/NDF : 46.4/30

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.422+/-0.017 χ^2/NDF : 476202.6/14

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

Right Out: 59.182+/-0.017 χ^2/NDF : 575457.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

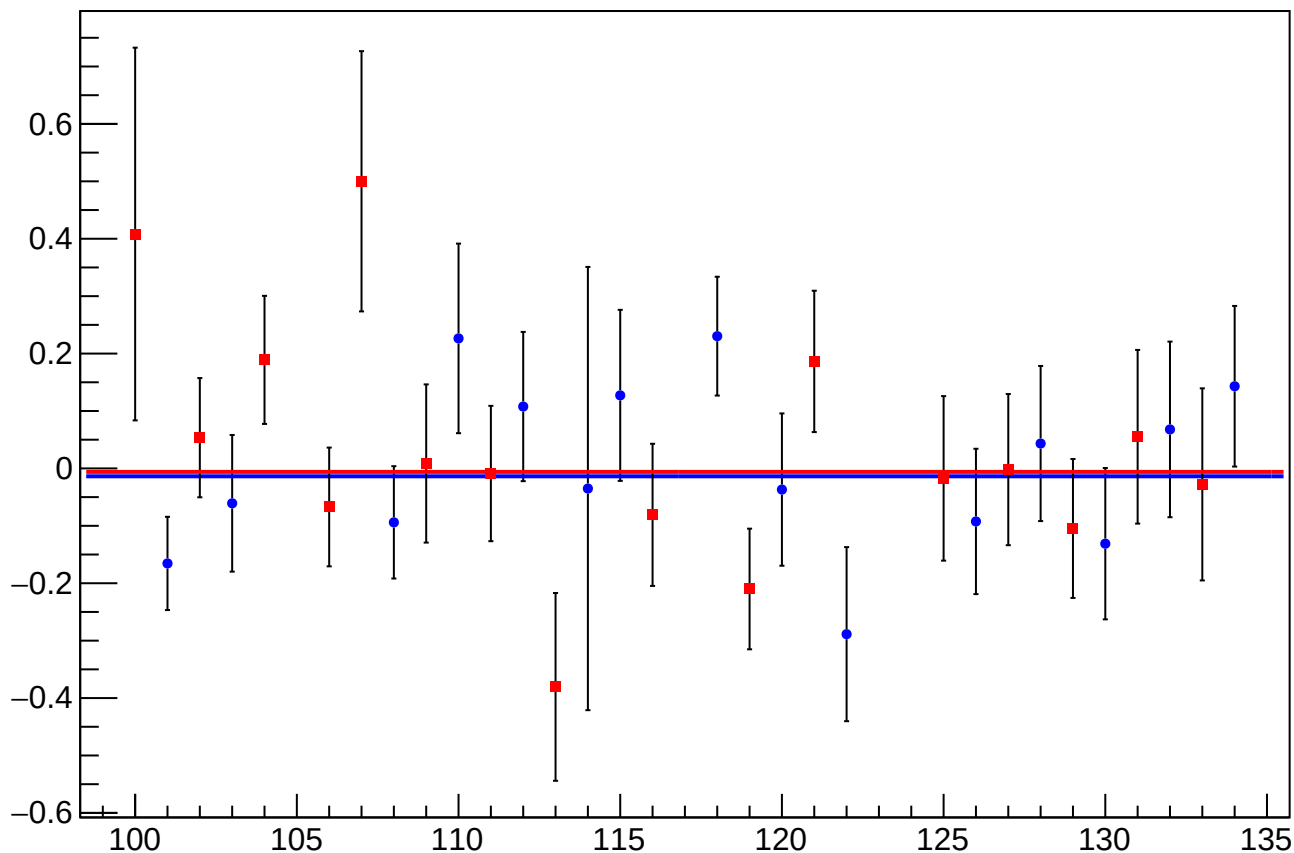
Right: 58.803+/-0.012 χ^2/NDF : 1052619.6/30

In: 58.422+/-0.017 χ^2/NDF :476202.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.803+/-0.012 χ^2/NDF : 1052619.6/30

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.033 χ^2/NDF : 20.0/14

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

Right Out: -0.006 ± 0.033 χ^2/NDF : 23.0/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

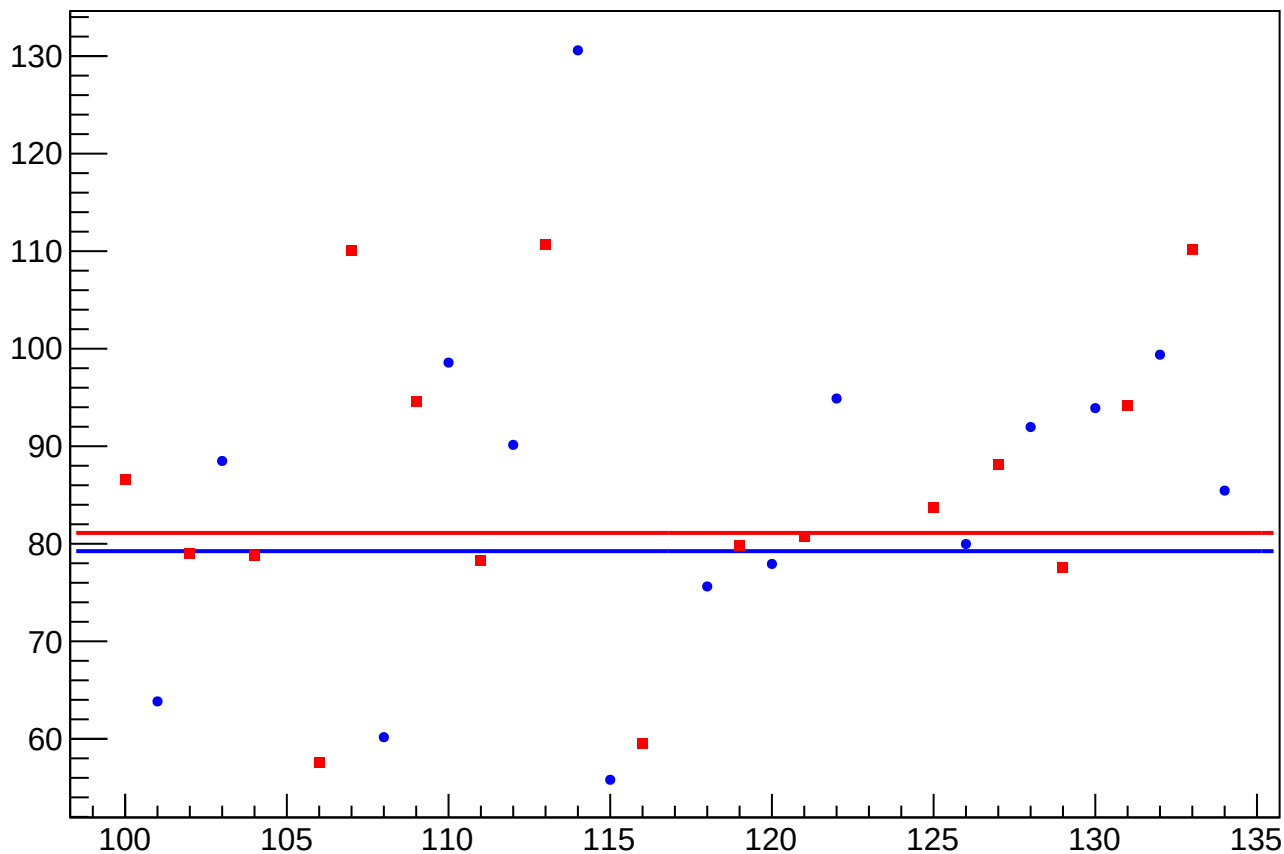
Right: -0.010 ± 0.023 χ^2/NDF : 43.1/30

In: -0.014 ± 0.033 χ^2/NDF : 20.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.023 χ^2/NDF : 43.1/30

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.244+/-0.023 χ^2/NDF : 391621.6/14

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

Right Out: 81.113+/-0.023 χ^2/NDF : 368563.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

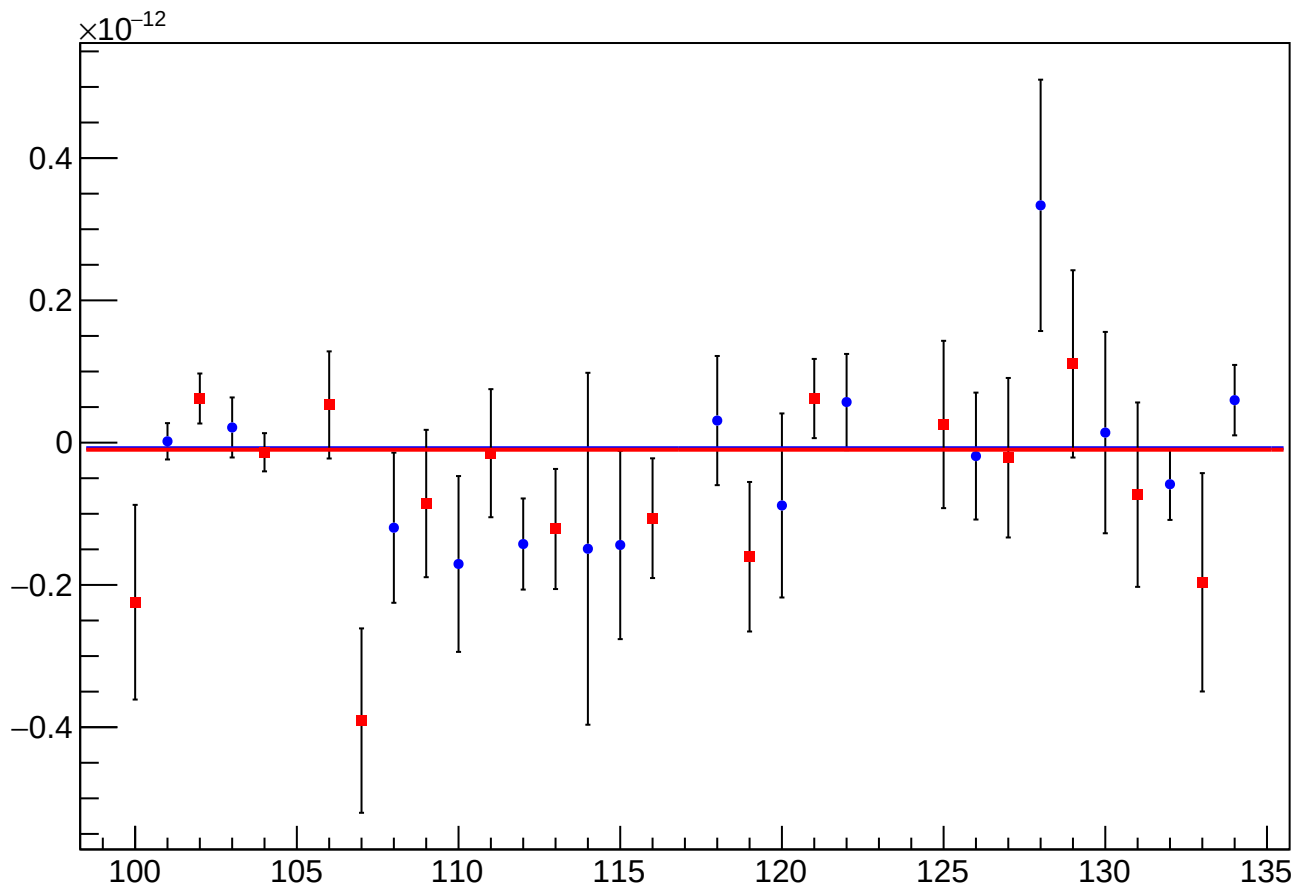
Right: 80.177+/-0.016 χ^2/NDF : 763451.3/30

In: 79.244+/-0.023 χ^2/NDF :391621.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 80.177+/-0.016 χ^2/NDF : 763451.3/30

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 17.4/14

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 26.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

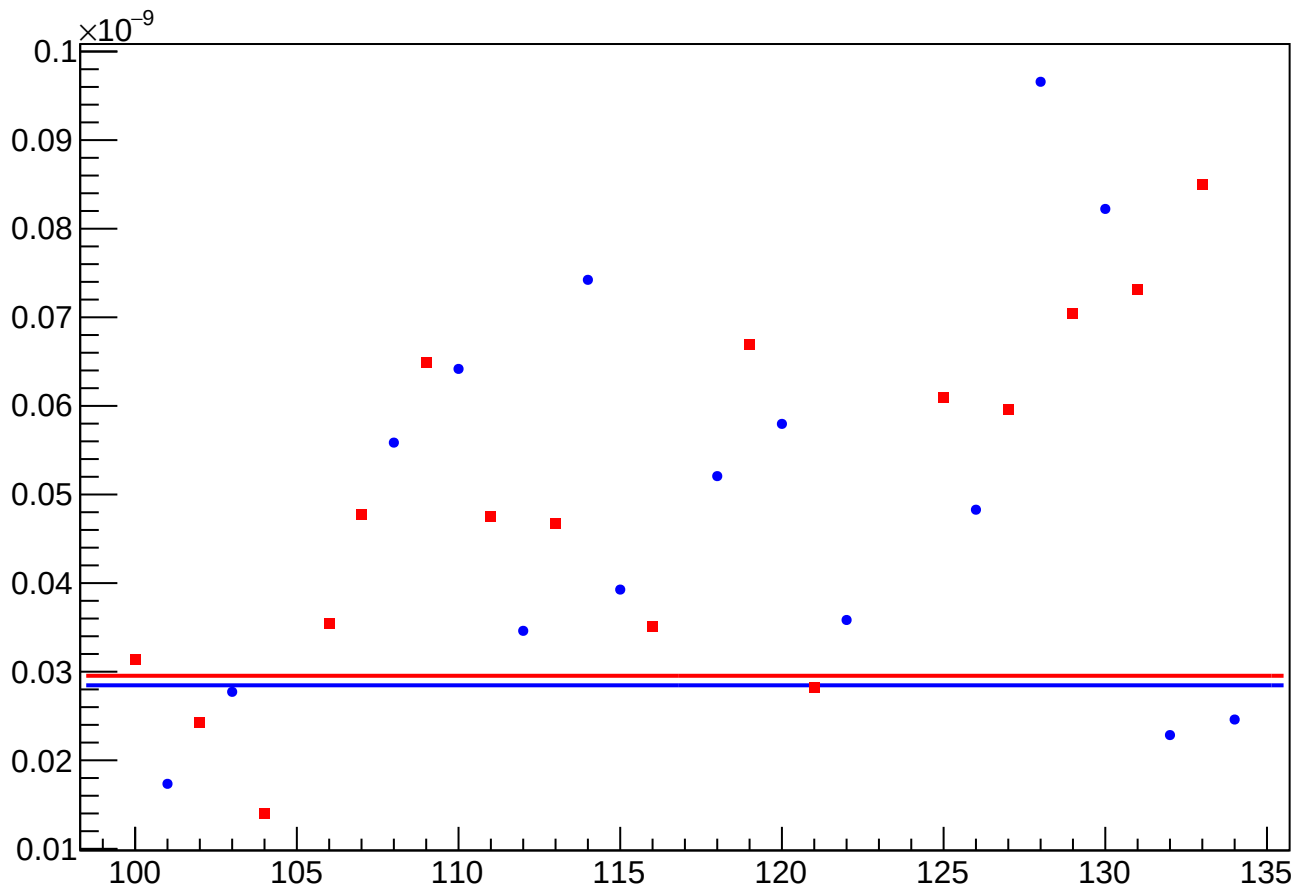
Right: -0.000+/-0.000 χ^2 /NDF: 43.4/30

In: -0.000+/-0.000 χ^2 /NDF:17.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 43.4/30

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1766637.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2394307.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

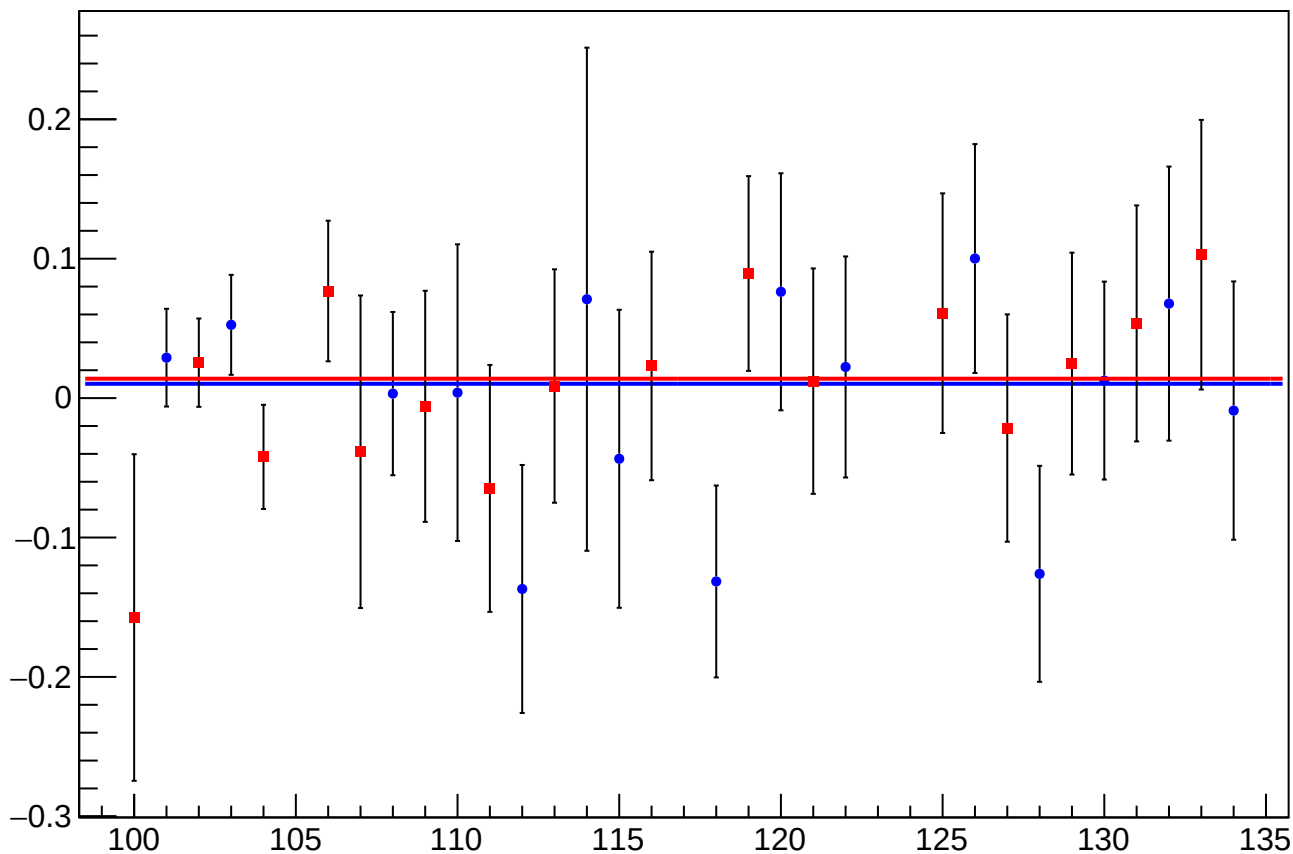
Right: 0.000+/-0.000 χ^2/NDF : 4165393.5/30

In: 0.000+/-0.000 χ^2/NDF : 1766637.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4165393.5/30

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.017 χ^2 /NDF: 14.4/14

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

Right Out: 0.014 $\pm$ 0.016 χ^2 /NDF: 9.9/15

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

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

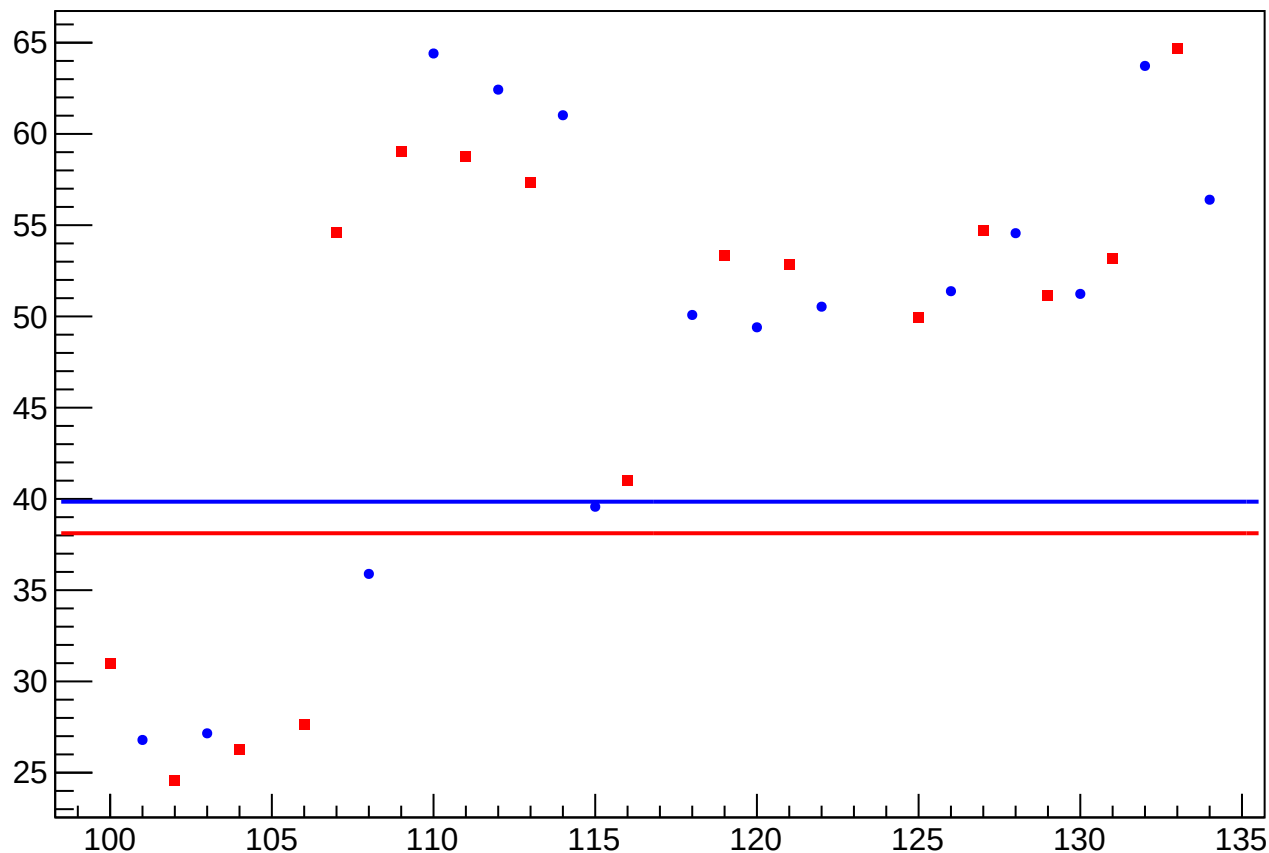
Right: 0.012 $\pm$ 0.012 χ^2 /NDF: 24.3/30

In: 0.010 $\pm$ 0.017 χ^2 /NDF:14.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.012 χ^2 /NDF: 24.3/30

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.848+/-0.012 χ^2/NDF : 1250988.5/14

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

Right Out: 38.119+/-0.011 χ^2/NDF : 1596739.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

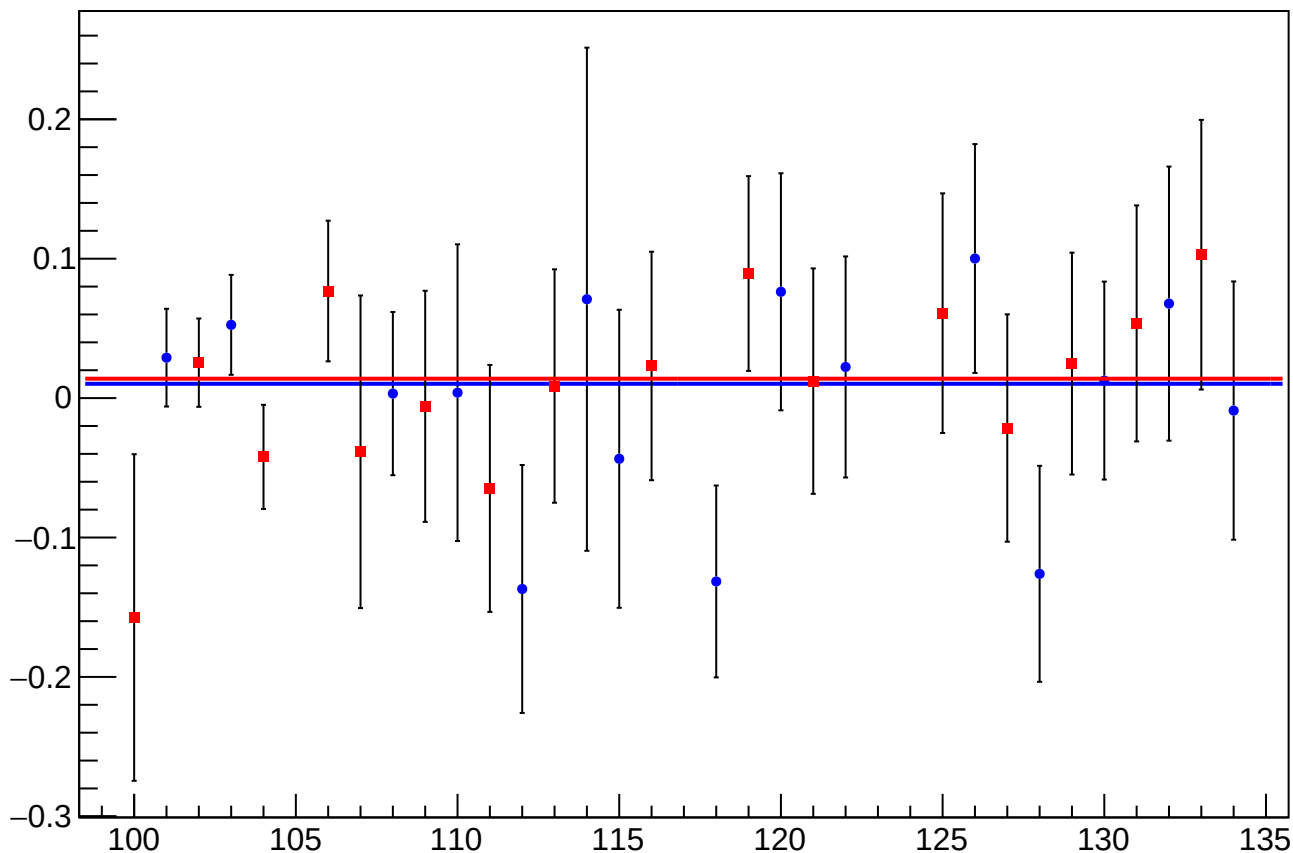
Right: 38.935+/-0.008 χ^2/NDF : 2858654.7/30

In: 39.848+/-0.012 χ^2/NDF : 1250988.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.935+/-0.008 χ^2/NDF : 2858654.7/30

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.017 χ^2 /NDF: 14.4/14

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

Right Out: 0.014 $\pm$ 0.016 χ^2 /NDF: 9.9/15

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

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

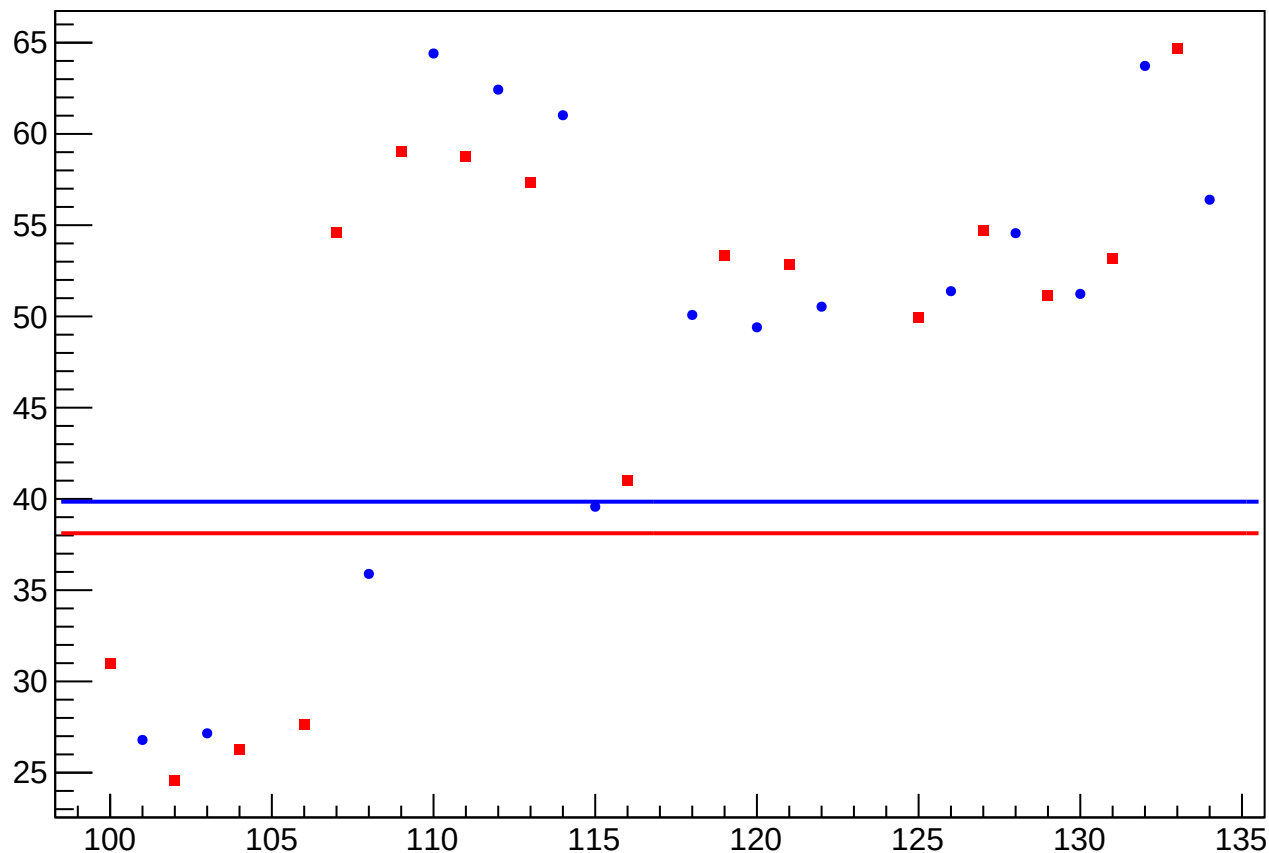
Right: 0.012 $\pm$ 0.012 χ^2 /NDF: 24.3/30

In: 0.010 $\pm$ 0.017 χ^2 /NDF:14.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.012 χ^2 /NDF: 24.3/30

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.848+/-0.012 χ^2/NDF : 1250988.5/14

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

Right Out: 38.119+/-0.011 χ^2/NDF : 1596739.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

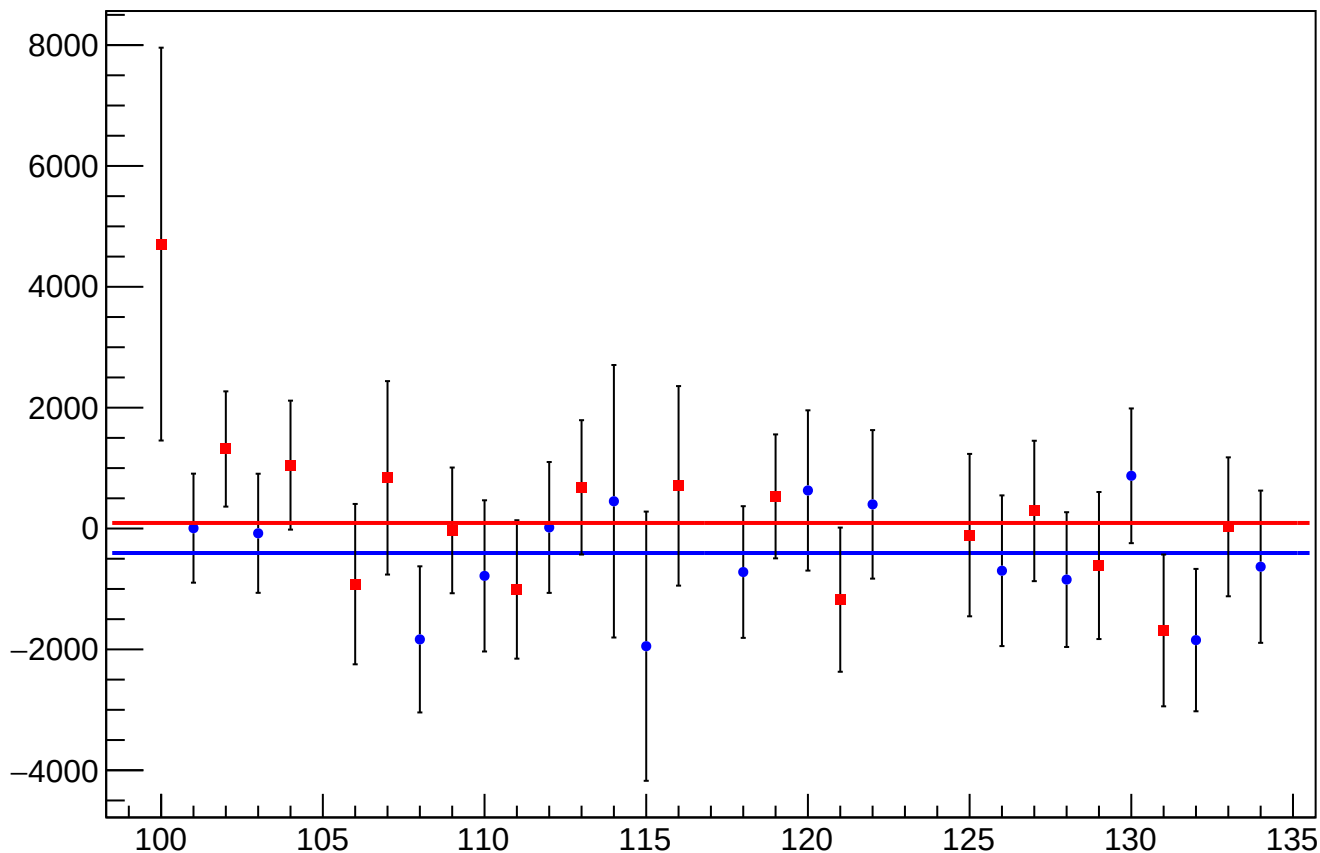
Right: 38.935+/-0.008 χ^2/NDF : 2858654.7/30

In: 39.848+/-0.012 χ^2/NDF : 1250988.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.935+/-0.008 χ^2/NDF : 2858654.7/30

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -404.997+/-308.476 χ^2/NDF : 6.8/14

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

Right Out: 92.144+/-302.780 χ^2/NDF : 10.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

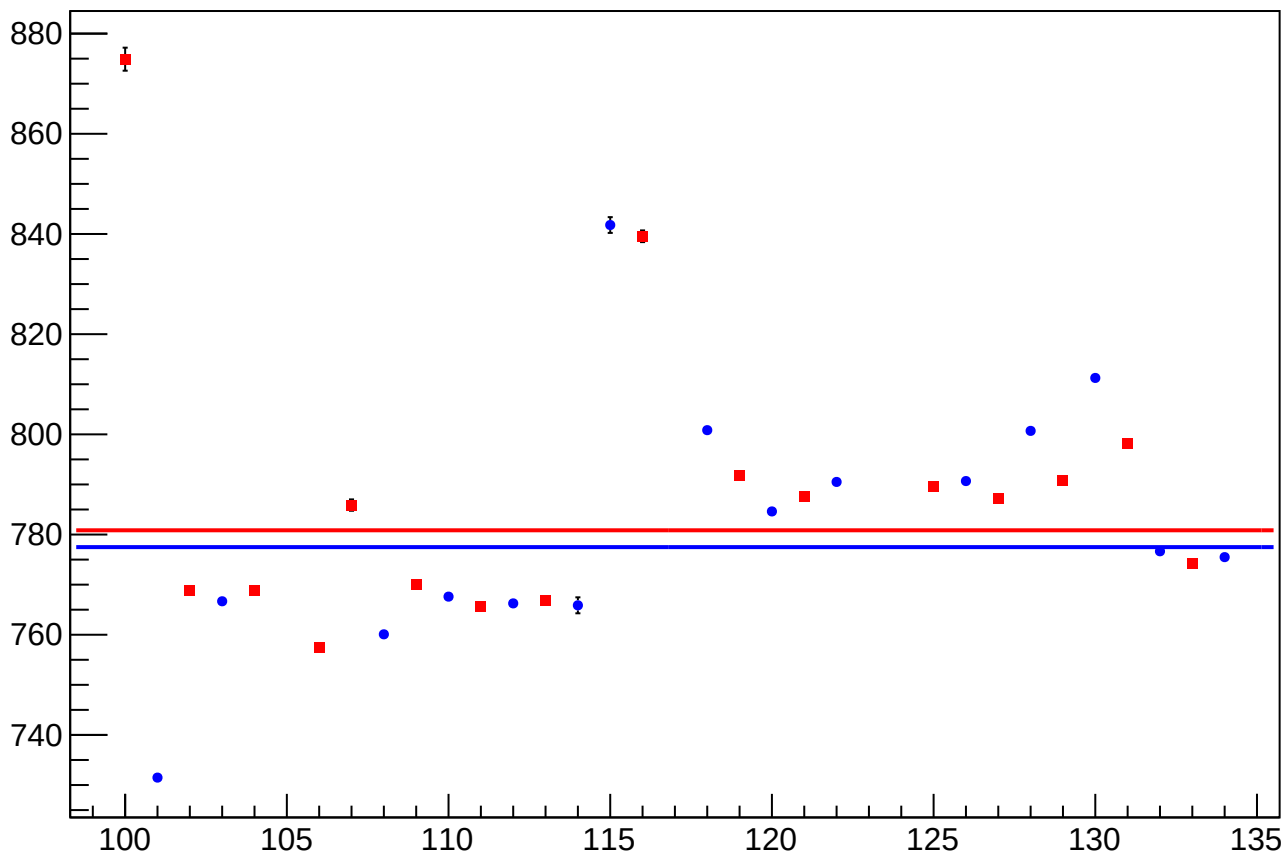
Right: -151.794+/-216.084 χ^2/NDF : 18.4/30

In: -404.997+/-308.476 χ^2/NDF : 6.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.794+/-216.084 χ^2/NDF : 18.4/30

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.492 $\pm$ 0.218 χ^2 /NDF: 12049.7/14

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

Right Out: 780.850 $\pm$ 0.214 χ^2 /NDF: 7315.7/15

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

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

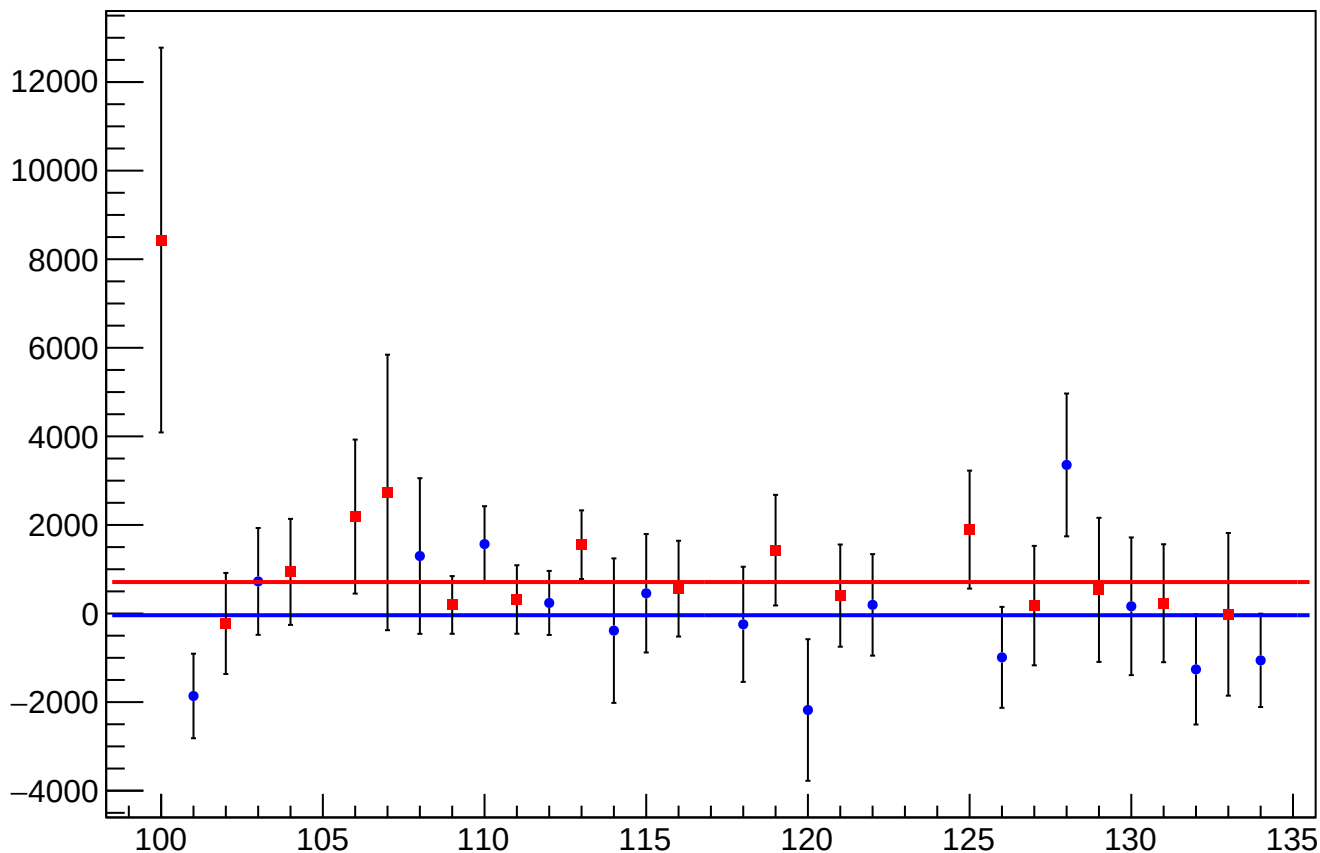
Right: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

In: 777.492 $\pm$ 0.218 χ^2 /NDF:12049.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -38.116 ± 299.047 χ^2/NDF : 17.4/14

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

Right Out: 711.078 ± 285.777 χ^2/NDF : 8.8/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

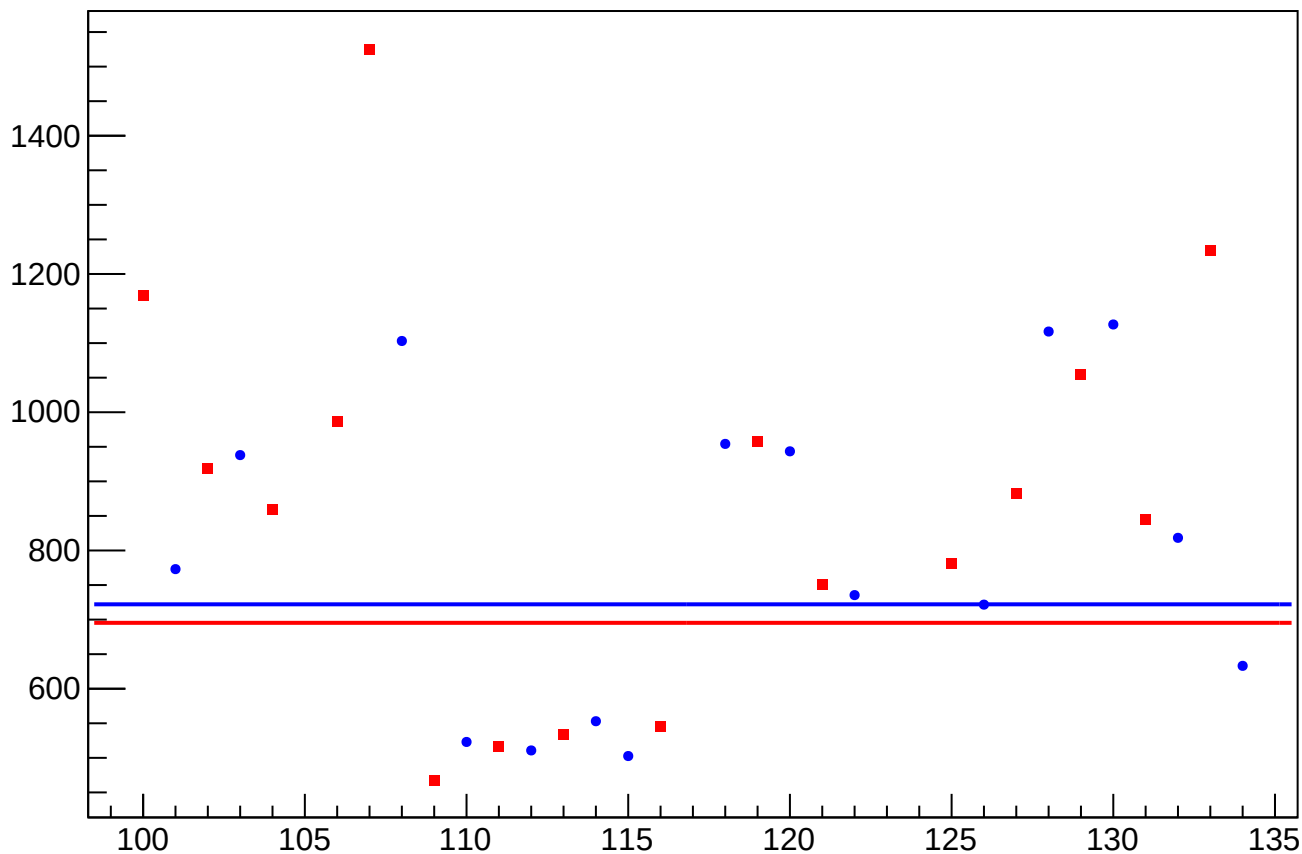
Right: 353.472 ± 206.607 χ^2/NDF : 29.4/30

In: -38.116 ± 299.047 χ^2/NDF : 17.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 353.472 ± 206.607 χ^2/NDF : 29.4/30

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

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

Right Out: 695.333+/-0.202 χ^2/NDF : 1248656.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

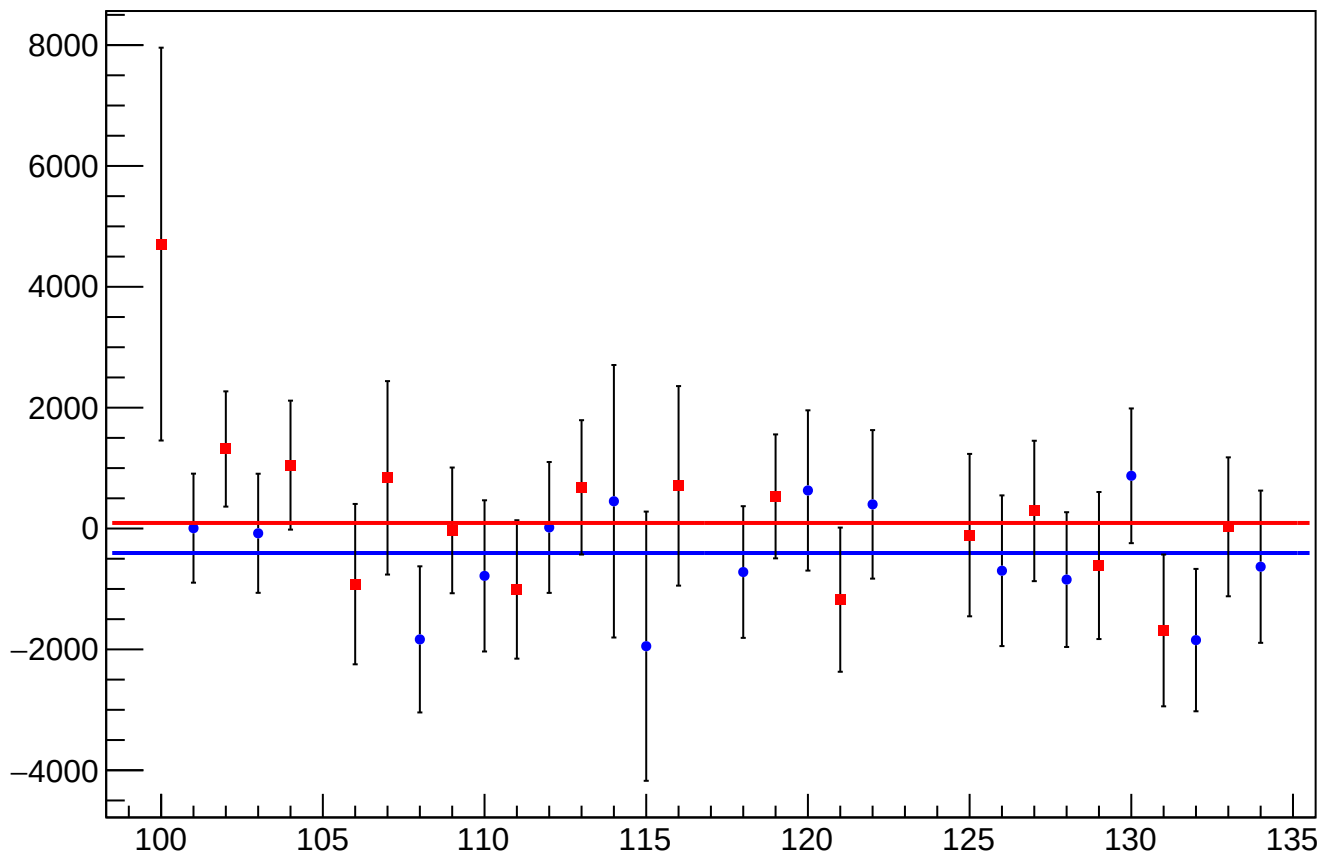
Right: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -404.997+/-308.476 χ^2/NDF : 6.8/14

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

Right Out: 92.144+/-302.780 χ^2/NDF : 10.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

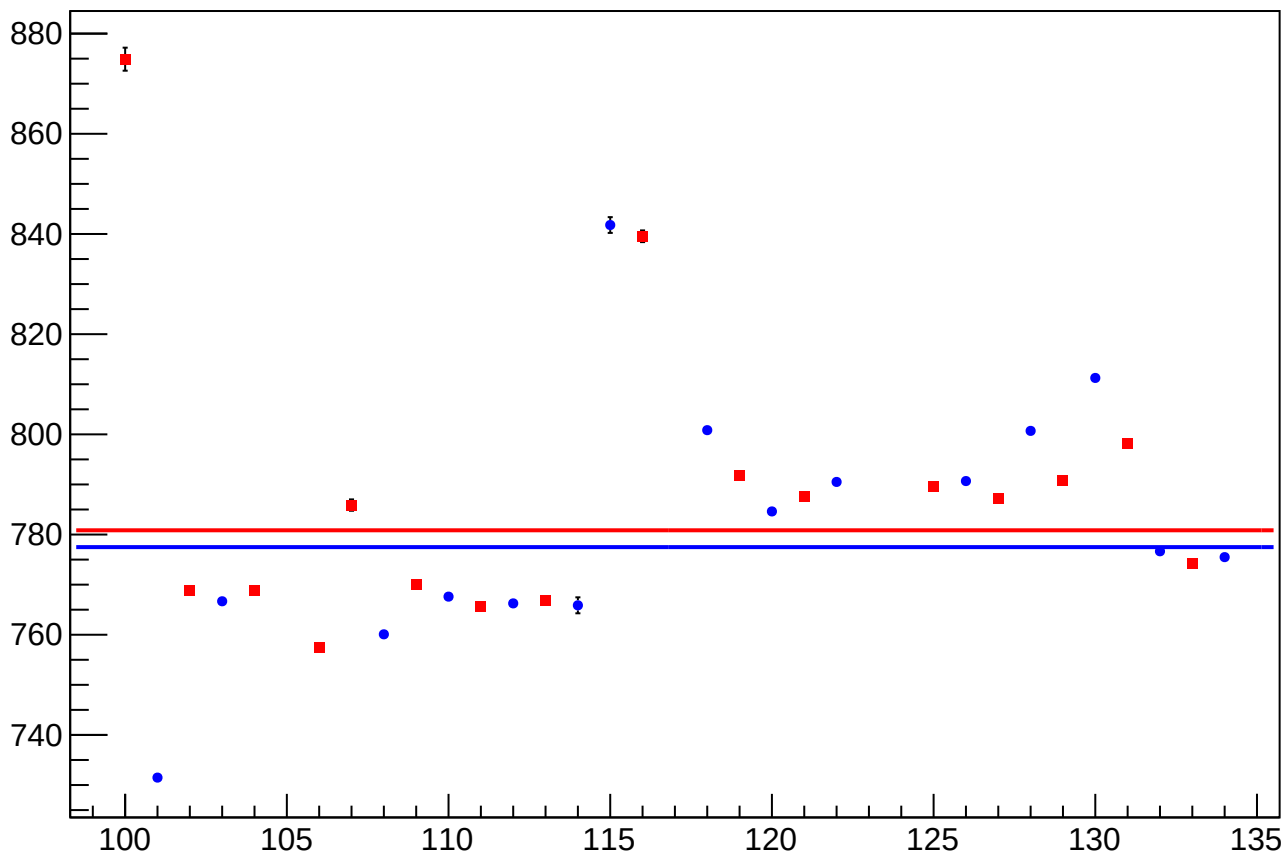
Right: -151.794+/-216.084 χ^2/NDF : 18.4/30

In: -404.997+/-308.476 χ^2/NDF : 6.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.794+/-216.084 χ^2/NDF : 18.4/30

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.492 $\pm$ 0.218 χ^2 /NDF: 12049.7/14

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

Right Out: 780.850 $\pm$ 0.214 χ^2 /NDF: 7315.7/15

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

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

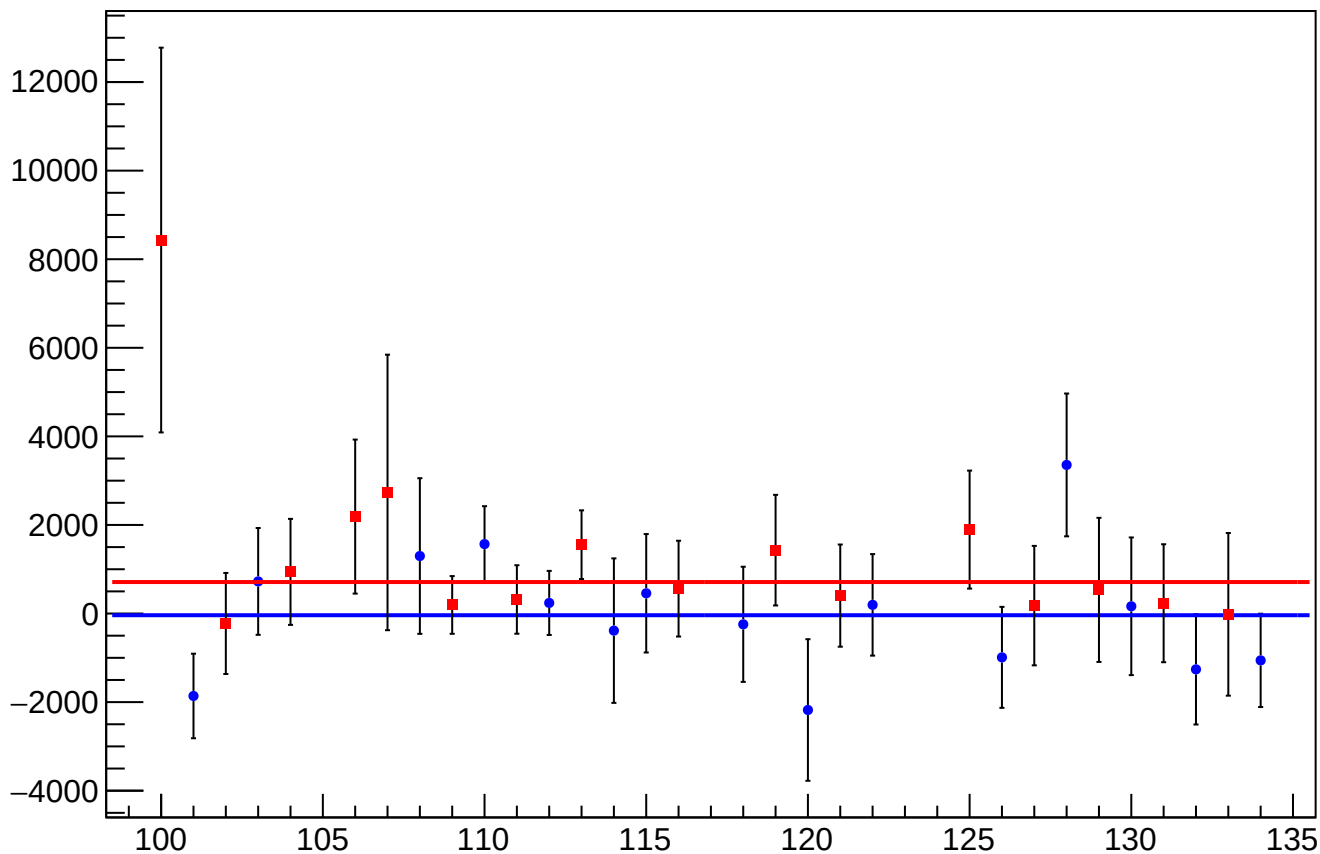
Right: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

In: 777.492 $\pm$ 0.218 χ^2 /NDF:12049.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -38.116 ± 299.047 $\chi^2/\text{NDF}: 17.4/14$

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

Right Out: 711.078 ± 285.777 $\chi^2/\text{NDF}: 8.8/15$

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

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

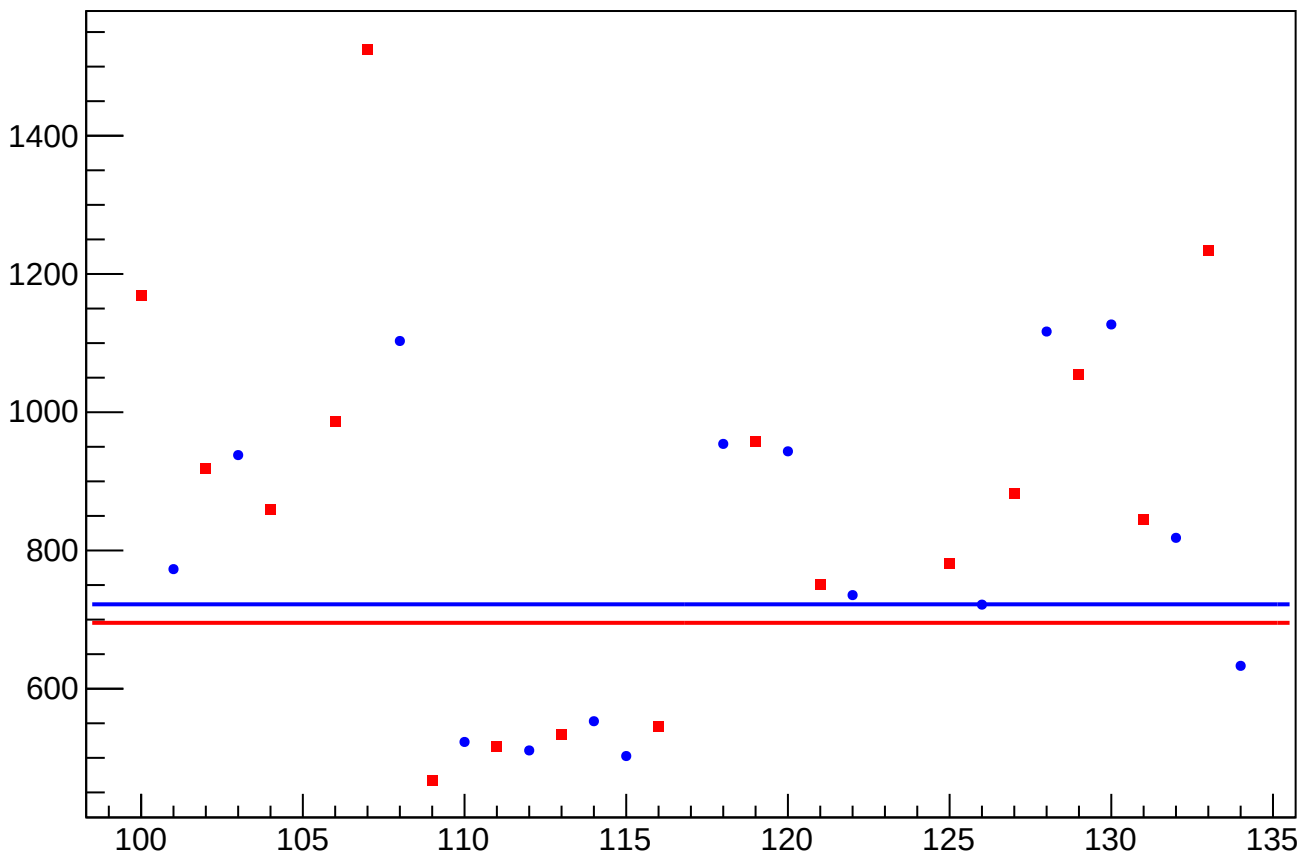
Right: 353.472 ± 206.607 $\chi^2/\text{NDF}: 29.4/30$

In: -38.116 ± 299.047 $\chi^2/\text{NDF}: 17.4/14$

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

All: 353.472 ± 206.607 $\chi^2/\text{NDF}: 29.4/30$

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

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

Right Out: 695.333+/-0.202 χ^2/NDF : 1248656.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

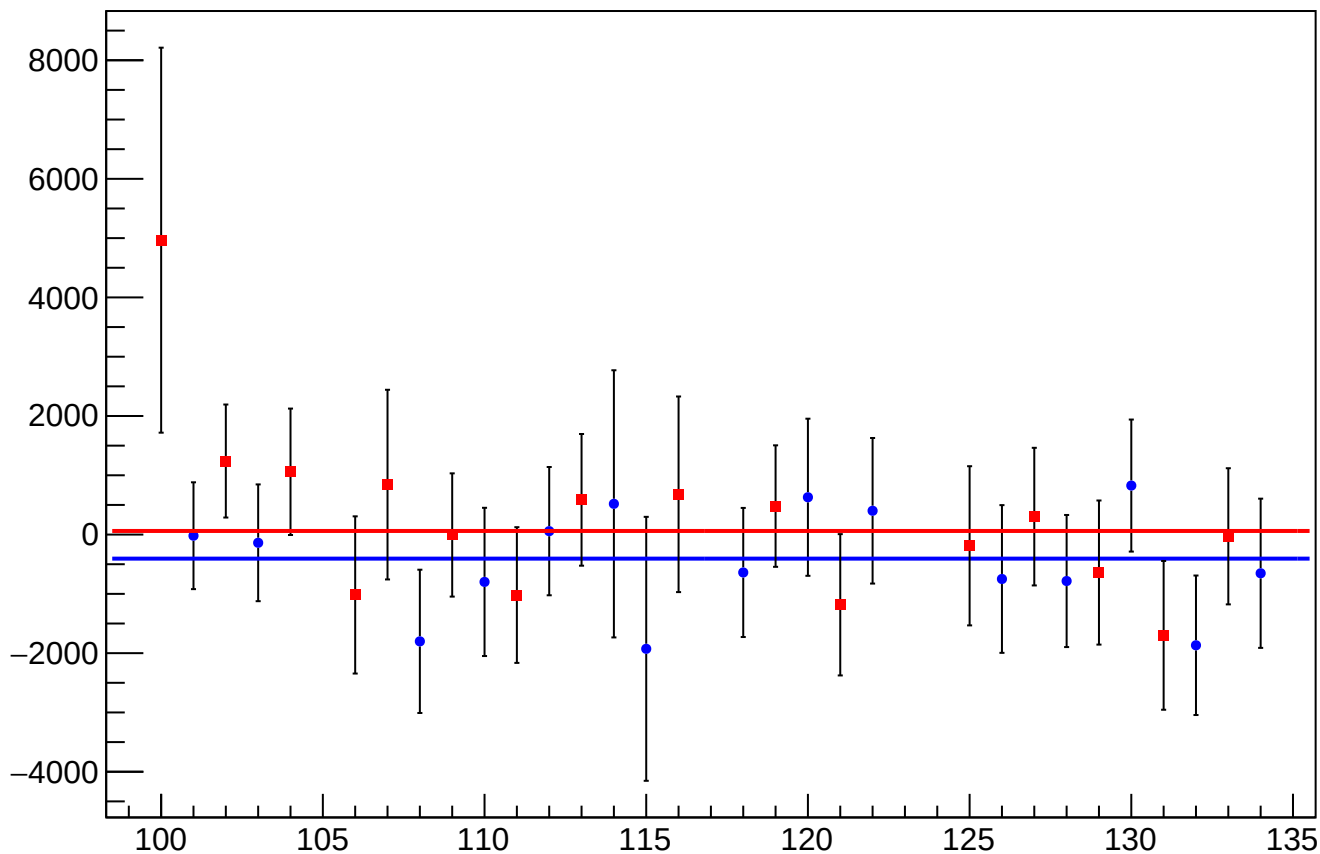
Right: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -405.638+/-308.173 χ^2 /NDF: 6.6/14

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

Right Out: 60.939+/-302.502 χ^2 /NDF: 10.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

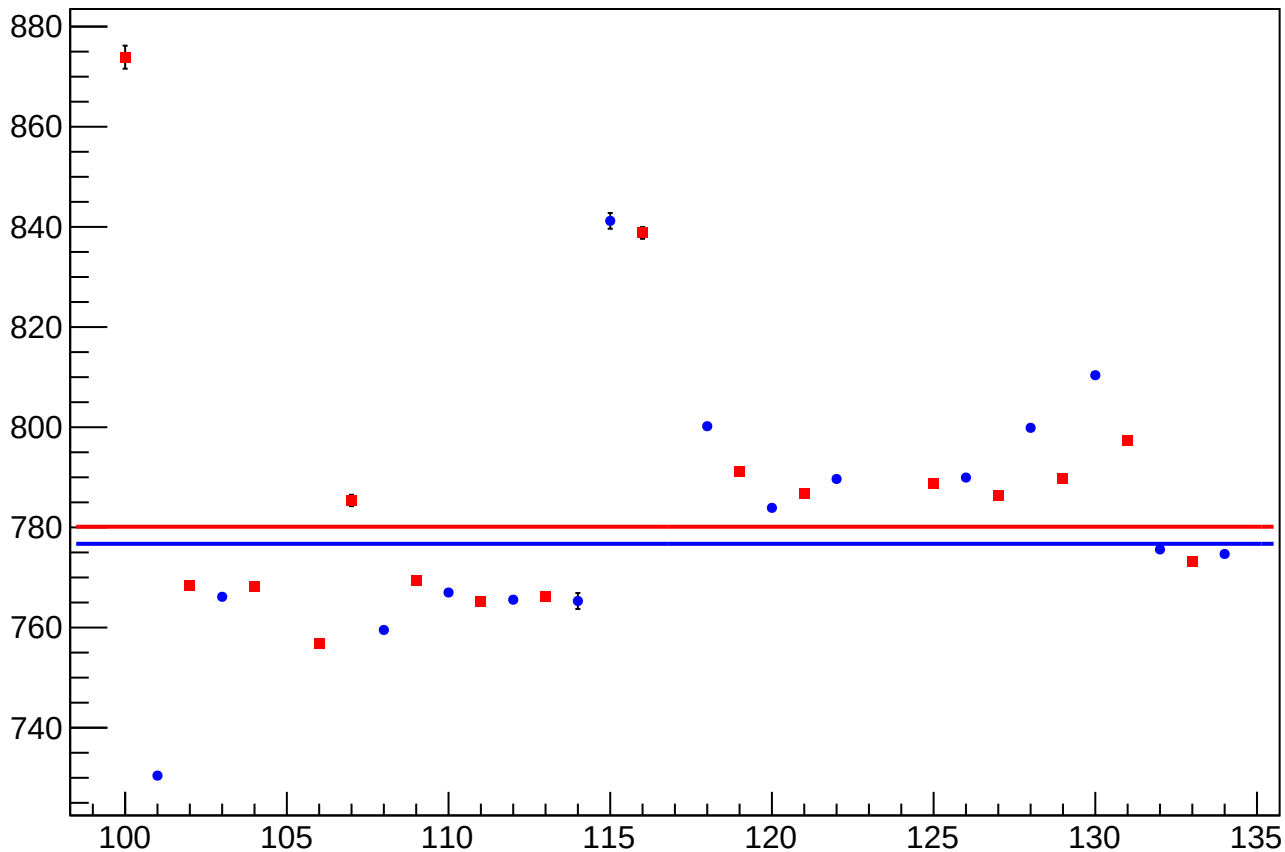
Right: -168.018+/-215.878 χ^2 /NDF: 18.3/30

In: -405.638+/-308.173 χ^2 /NDF:6.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -168.018+/-215.878 χ^2 /NDF: 18.3/30

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 776.724+/-0.218 χ^2/NDF : 12117.5/14

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

Right Out: 780.134+/-0.214 χ^2/NDF : 7273.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

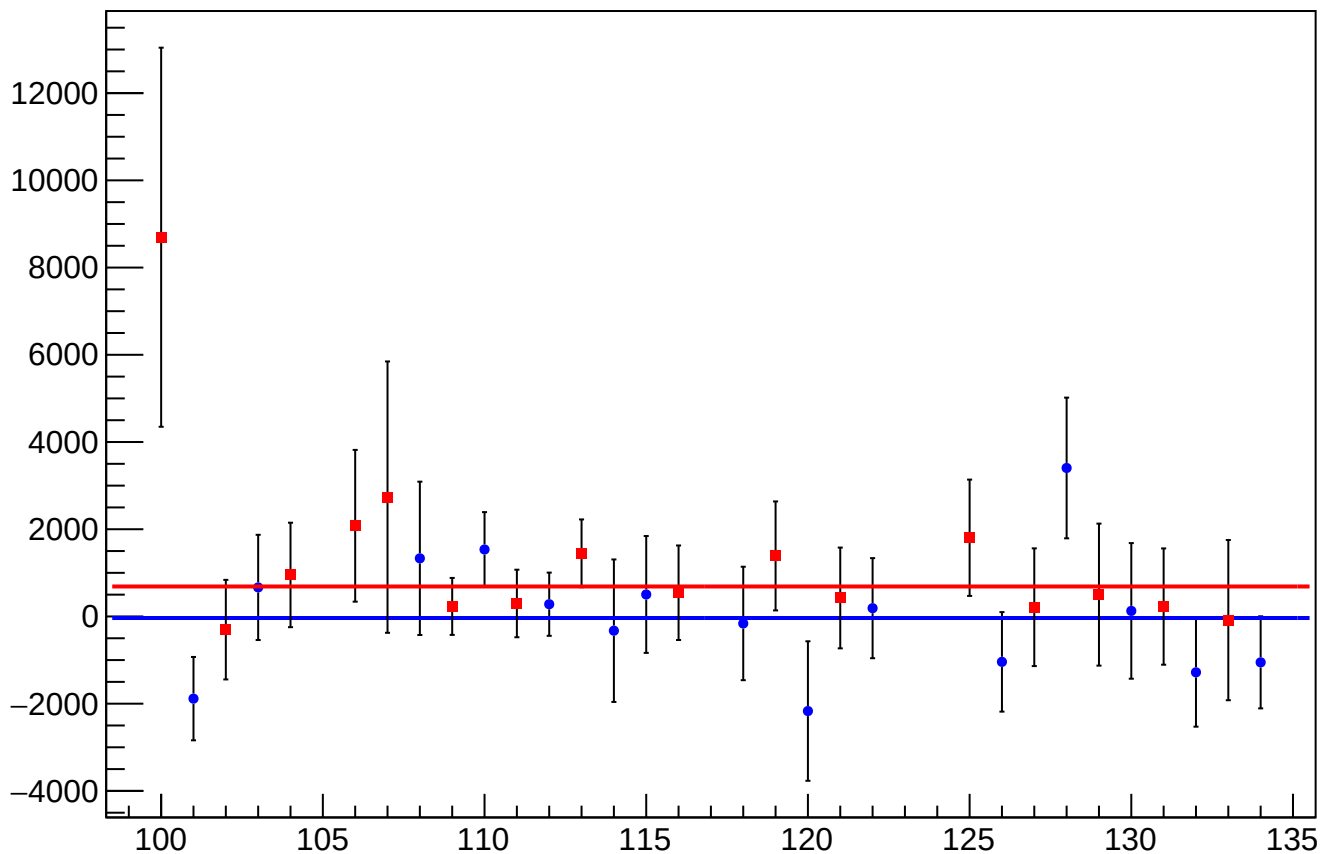
Right: 778.461+/-0.153 χ^2/NDF : 19515.4/30

In: 776.724+/-0.218 χ^2/NDF : 12117.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.461+/-0.153 χ^2/NDF : 19515.4/30

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -35.282 ± 299.449 $\chi^2/\text{NDF}: 17.5/14$

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

Right Out: 687.264 ± 286.191 $\chi^2/\text{NDF}: 8.5/15$

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

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

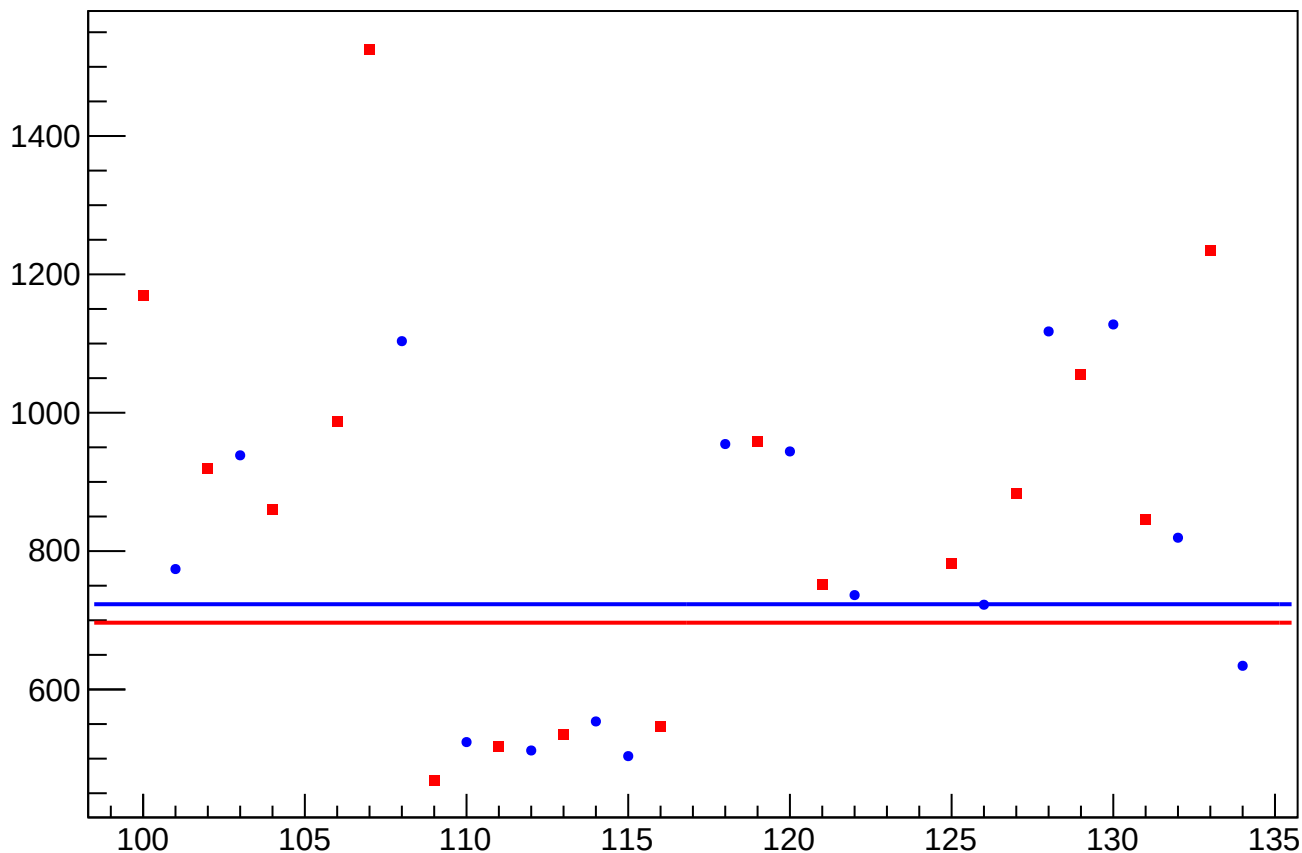
Right: 342.340 ± 206.896 $\chi^2/\text{NDF}: 29.1/30$

In: -35.282 ± 299.449 $\chi^2/\text{NDF}: 17.5/14$

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

All: 342.340 ± 206.896 $\chi^2/\text{NDF}: 29.1/30$

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 723.211+/-0.212 χ^2/NDF : 899166.8/14

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

Right Out: 696.507+/-0.202 χ^2/NDF : 1243776.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

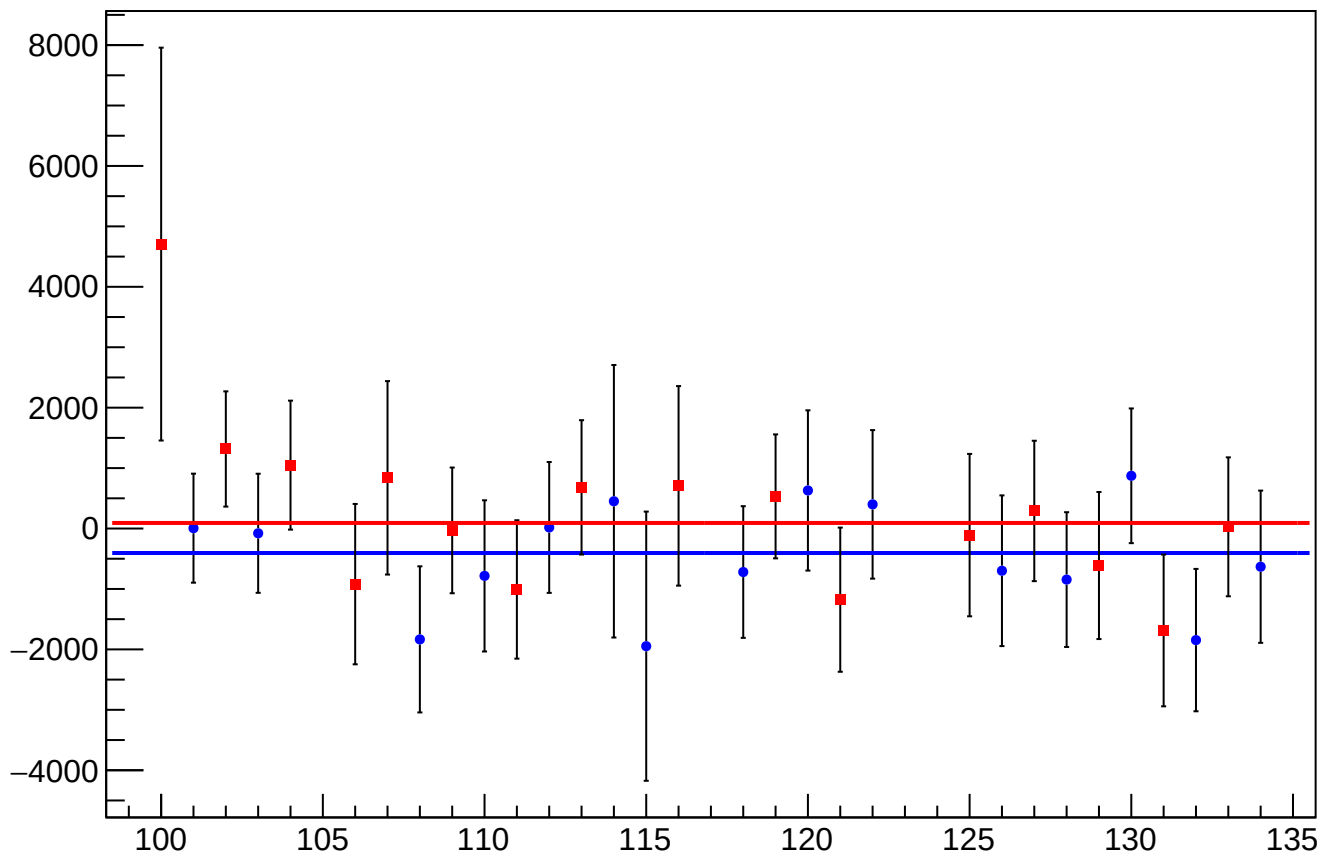
Right: 709.255+/-0.146 χ^2/NDF : 2151255.2/30

In: 723.211+/-0.212 χ^2/NDF : 899166.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.255+/-0.146 χ^2/NDF : 2151255.2/30

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -404.997+/-308.476 χ^2/NDF : 6.8/14

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

Right Out: 92.144+/-302.780 χ^2/NDF : 10.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

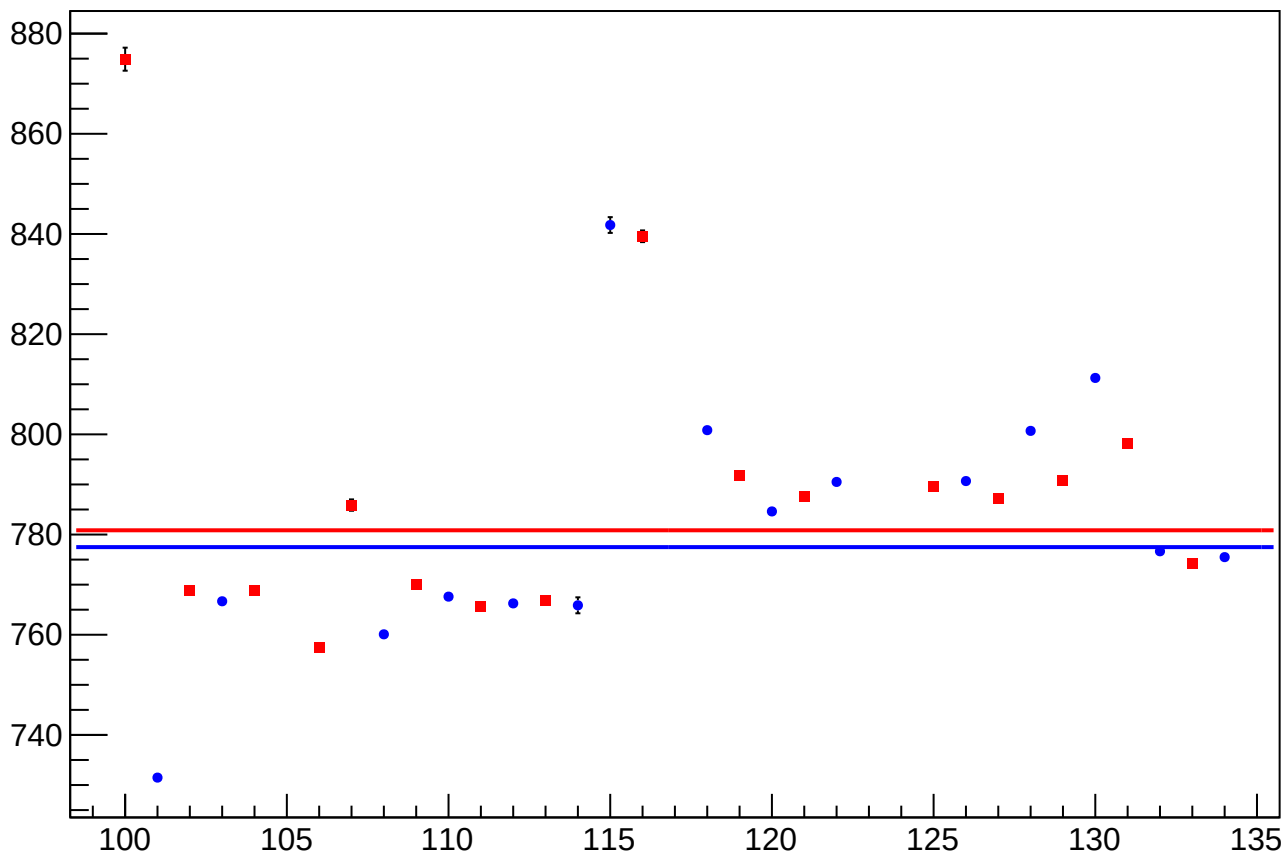
Right: -151.794+/-216.084 χ^2/NDF : 18.4/30

In: -404.997+/-308.476 χ^2/NDF : 6.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.794+/-216.084 χ^2/NDF : 18.4/30

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.492 $\pm$ 0.218 χ^2 /NDF: 12049.7/14

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

Right Out: 780.850 $\pm$ 0.214 χ^2 /NDF: 7315.7/15

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

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

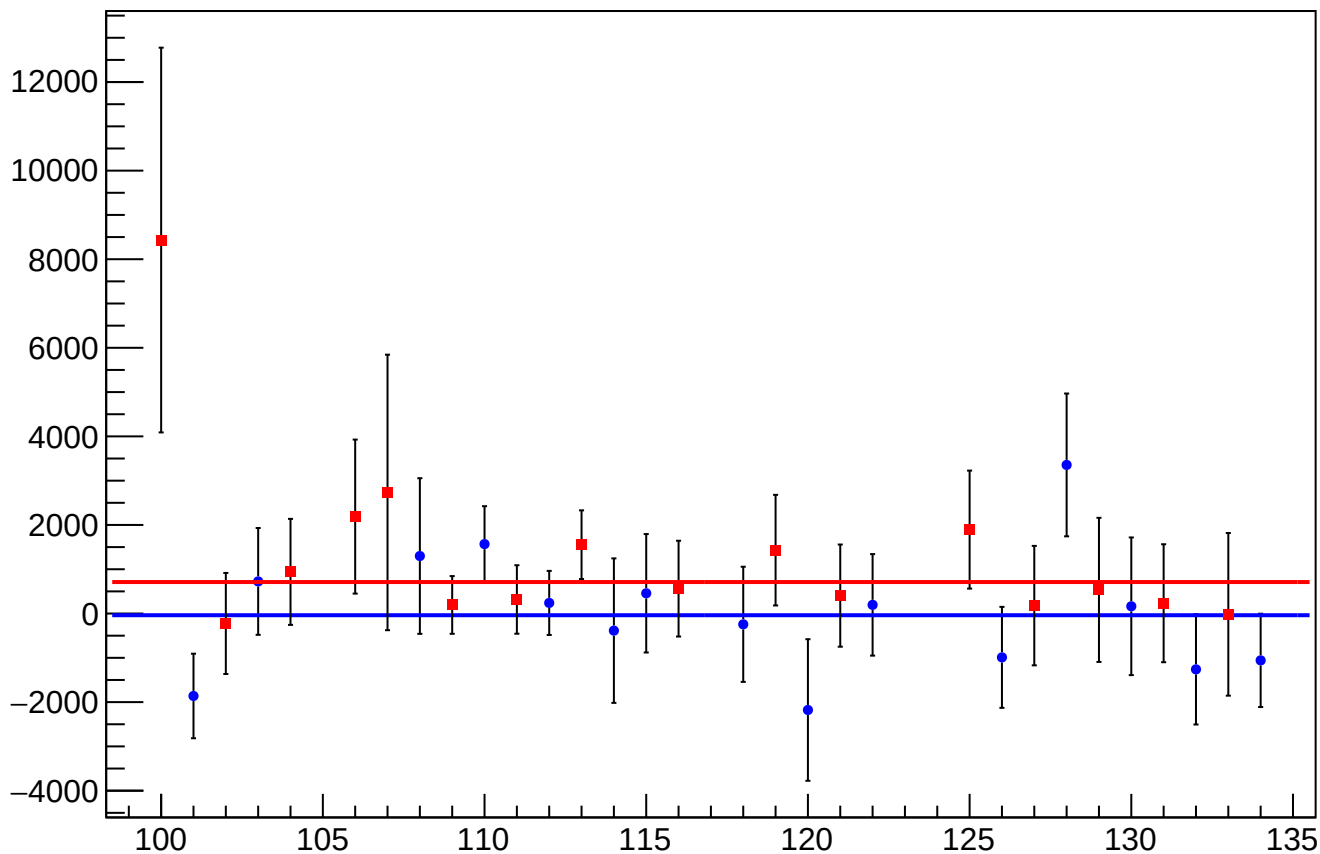
Right: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

In: 777.492 $\pm$ 0.218 χ^2 /NDF:12049.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -38.116 ± 299.047 $\chi^2/\text{NDF}: 17.4/14$

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

Right Out: 711.078 ± 285.777 $\chi^2/\text{NDF}: 8.8/15$

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

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

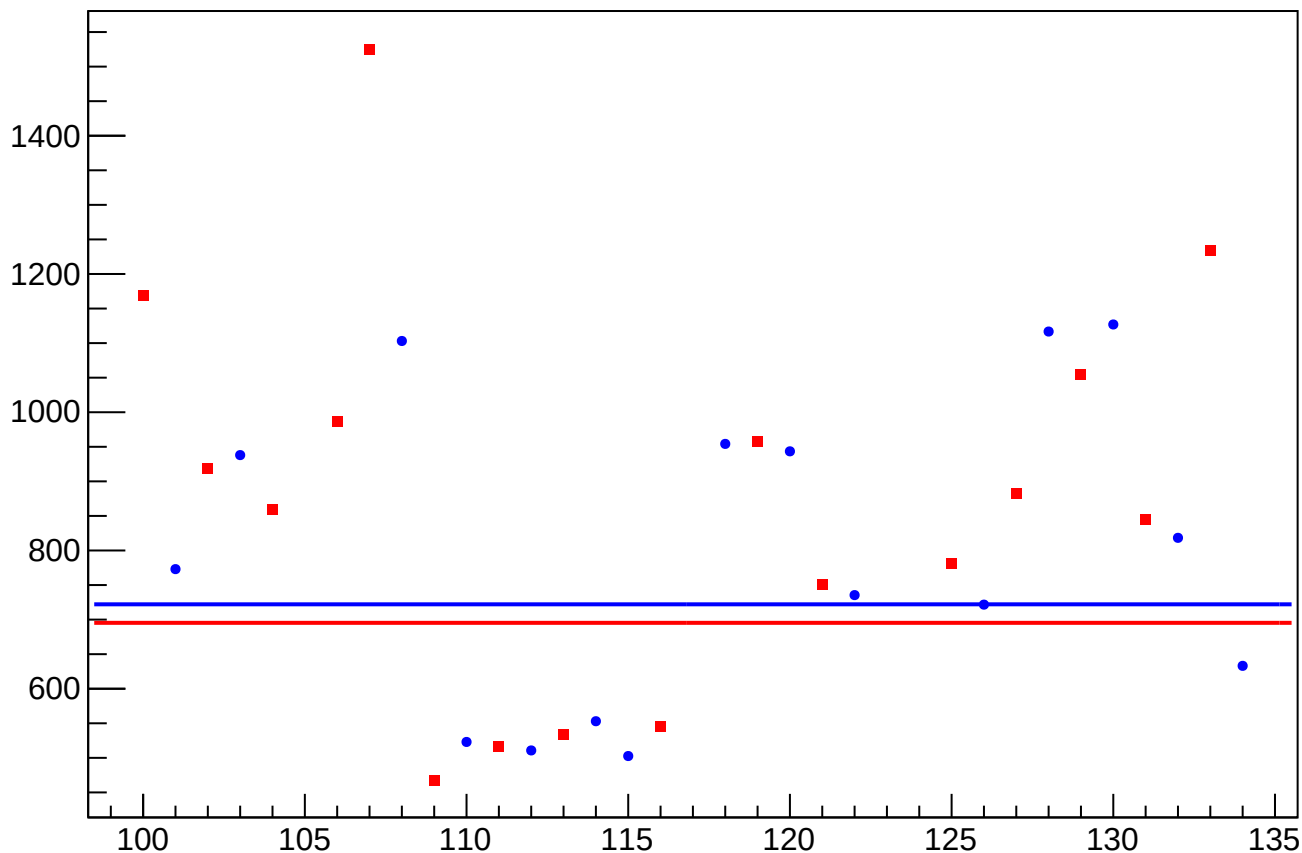
Right: 353.472 ± 206.607 $\chi^2/\text{NDF}: 29.4/30$

In: -38.116 ± 299.047 $\chi^2/\text{NDF}: 17.4/14$

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

All: 353.472 ± 206.607 $\chi^2/\text{NDF}: 29.4/30$

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

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

Right Out: 695.333+/-0.202 χ^2/NDF : 1248656.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

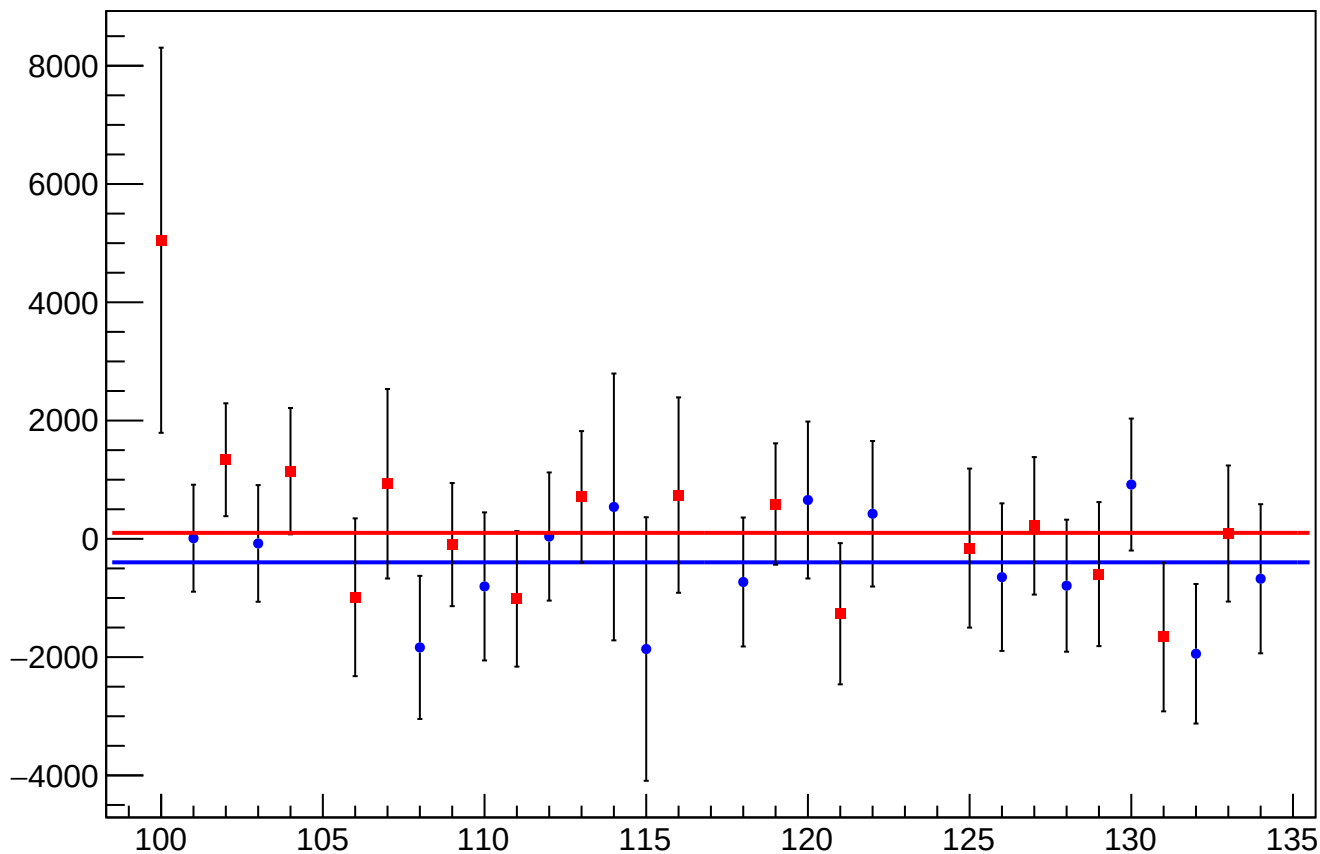
Right: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -397.257 ± 308.797 χ^2/NDF : 7.1/14

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

Right Out: 101.147 ± 303.093 χ^2/NDF : 11.2/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

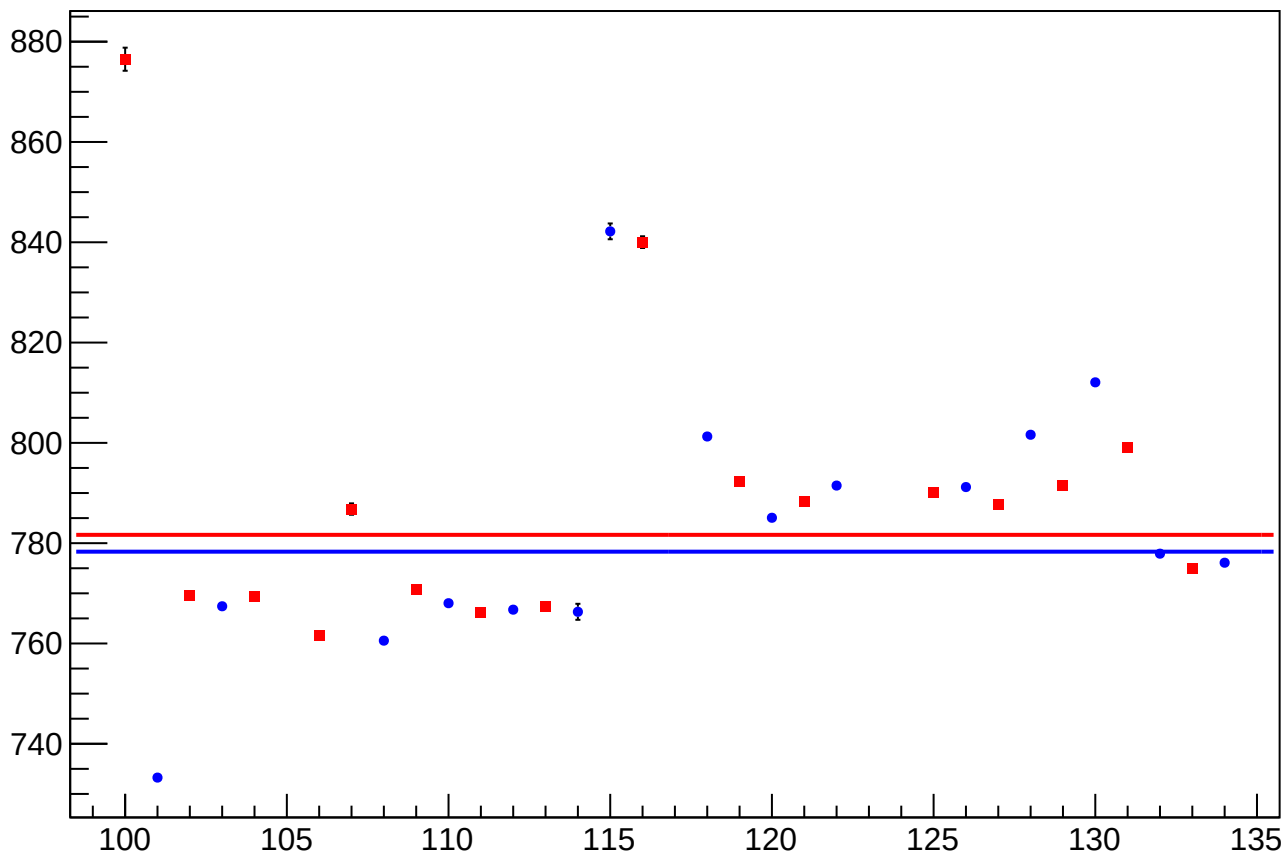
Right: -143.409 ± 216.307 χ^2/NDF : 19.6/30

In: -397.257 ± 308.797 χ^2/NDF : 7.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -143.409 ± 216.307 χ^2/NDF : 19.6/30

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.306+/-0.218 χ^2/NDF : 11791.4/14

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

Right Out: 781.660+/-0.214 χ^2/NDF : 7172.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

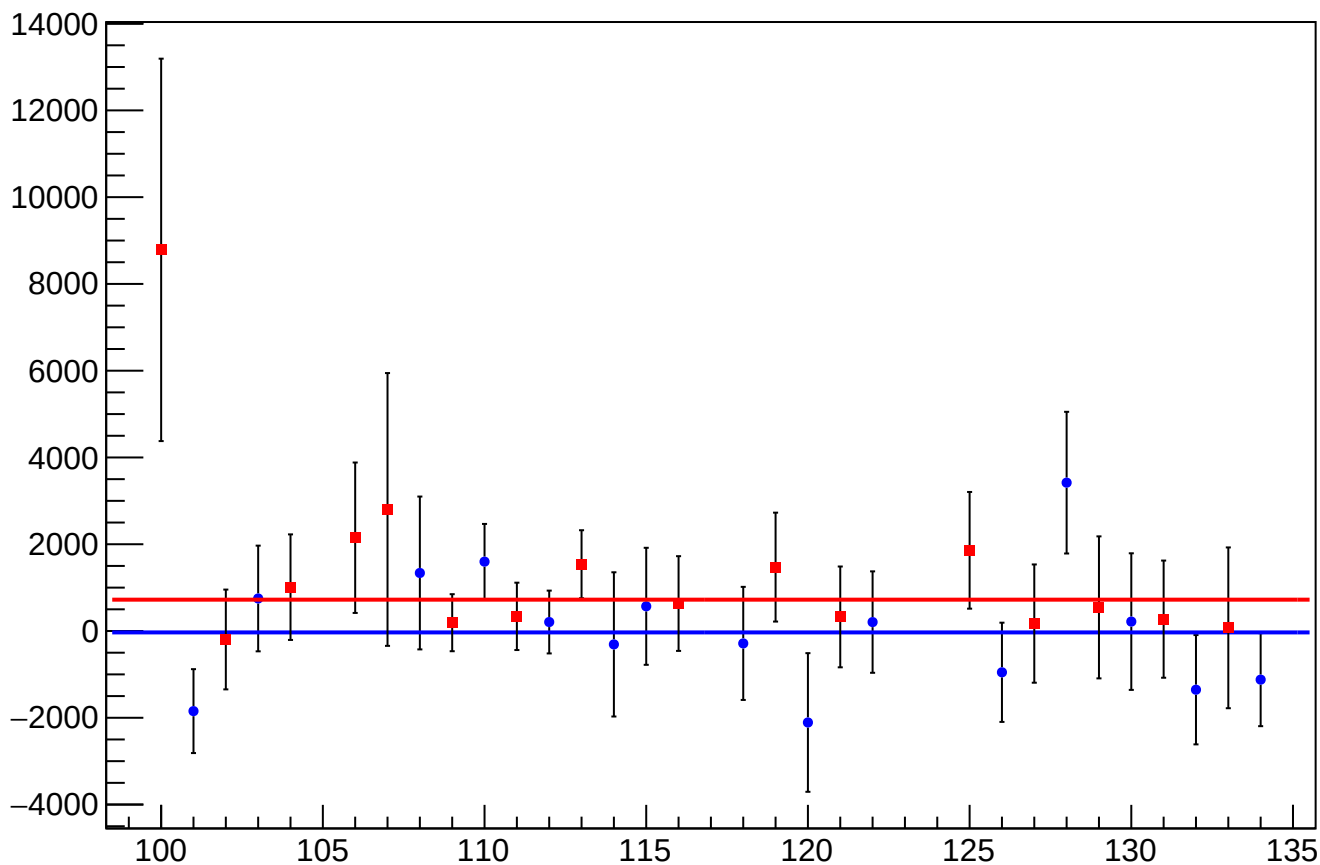
Right: 780.015+/-0.153 χ^2/NDF : 19083.6/30

In: 778.306+/-0.218 χ^2/NDF : 11791.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.015+/-0.153 χ^2/NDF : 19083.6/30

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -32.453 ± 302.021 χ^2/NDF : 17.4/14

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

Right Out: 722.396 ± 288.232 χ^2/NDF : 8.7/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

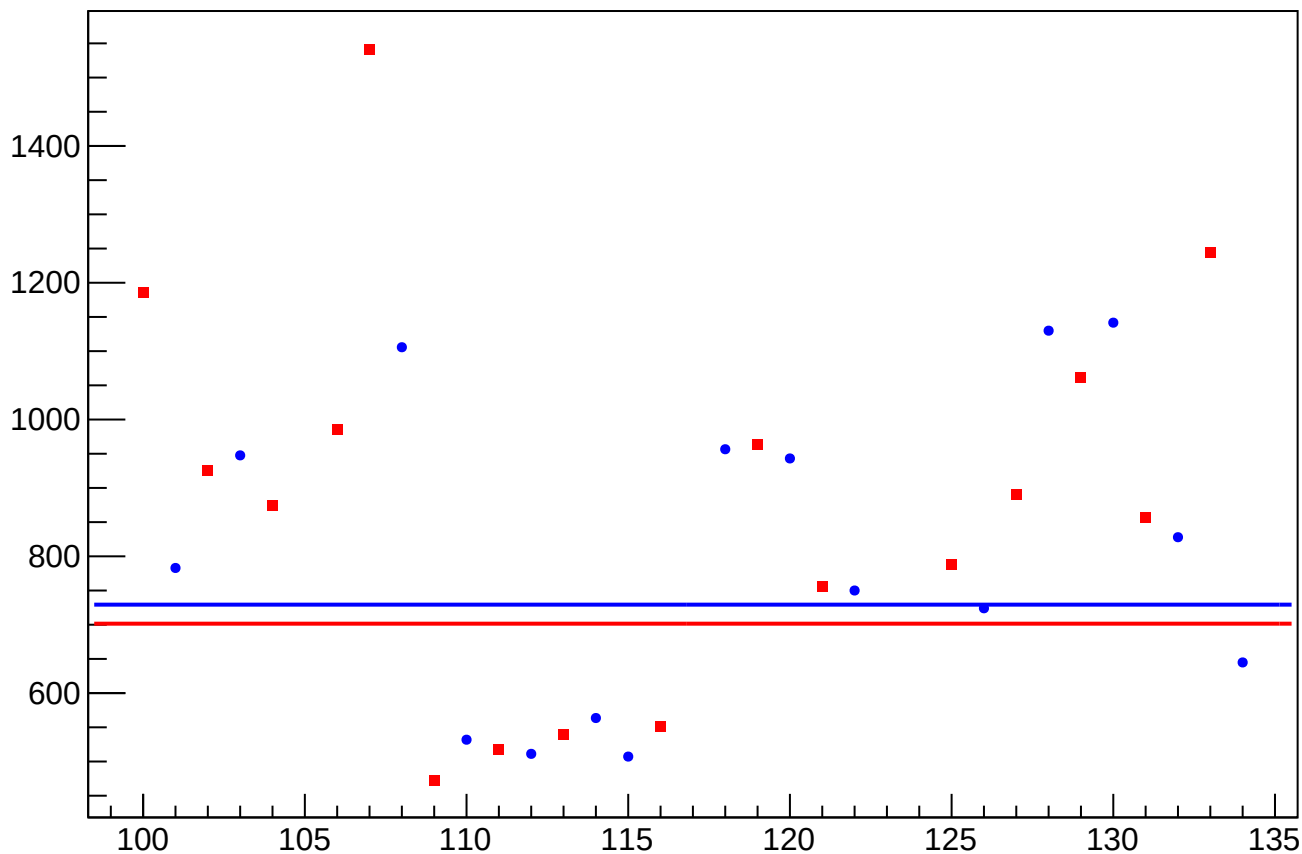
Right: 362.597 ± 208.515 χ^2/NDF : 29.4/30

In: -32.453 ± 302.021 χ^2/NDF : 17.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 362.597 ± 208.515 χ^2/NDF : 29.4/30

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 729.355+/-0.214 χ^2/NDF : 900024.0/14

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

Right Out: 701.528+/-0.204 χ^2/NDF : 1248736.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

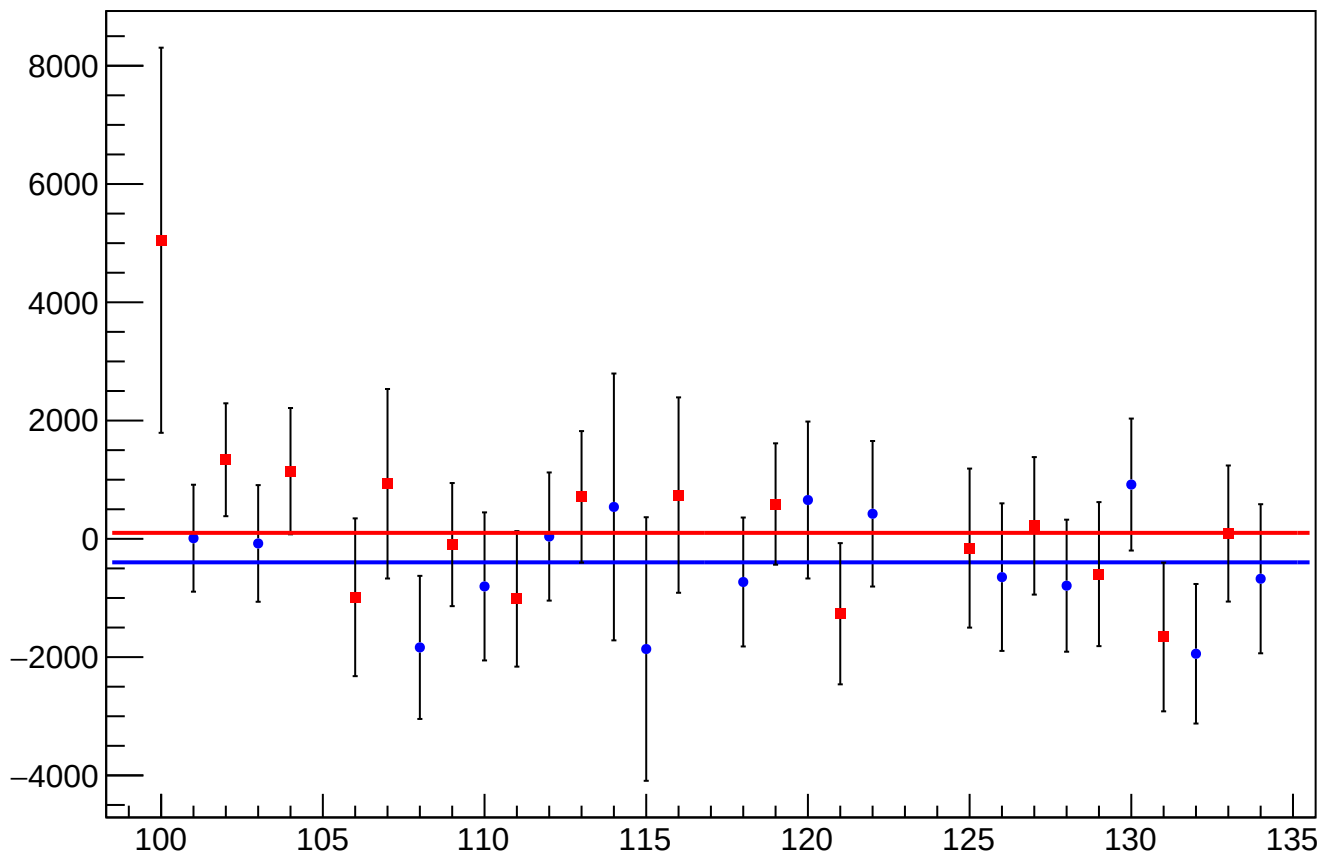
Right: 714.792+/-0.147 χ^2/NDF : 2157645.9/30

In: 729.355+/-0.214 χ^2/NDF : 900024.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.792+/-0.147 χ^2/NDF : 2157645.9/30

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -397.258+/-308.797 χ^2/NDF : 7.1/14

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

Right Out: 101.145+/-303.093 χ^2/NDF : 11.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

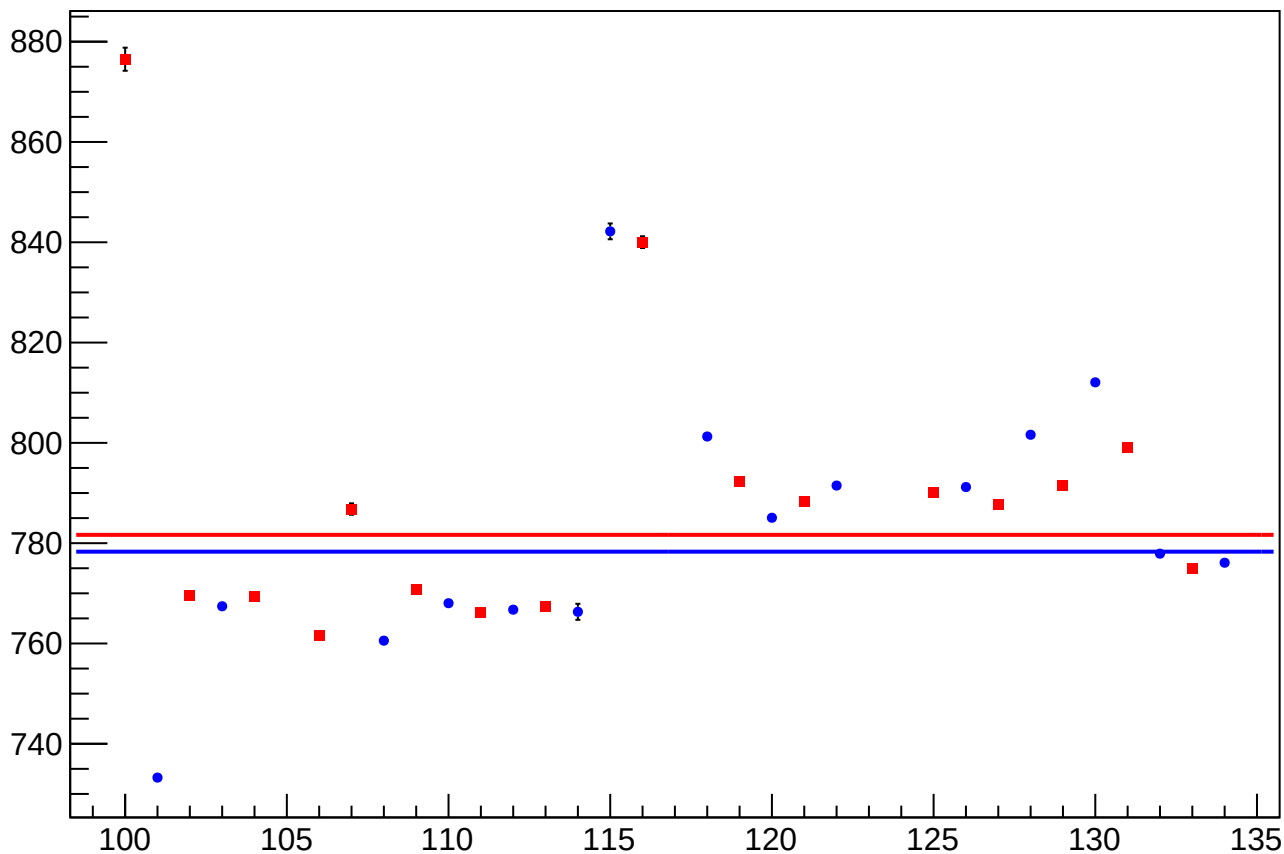
Right: -143.411+/-216.307 χ^2/NDF : 19.6/30

In: -397.258+/-308.797 χ^2/NDF : 7.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.411+/-216.307 χ^2/NDF : 19.6/30

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.306+/-0.218 χ^2/NDF : 11791.3/14

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

Right Out: 781.660+/-0.214 χ^2/NDF : 7172.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

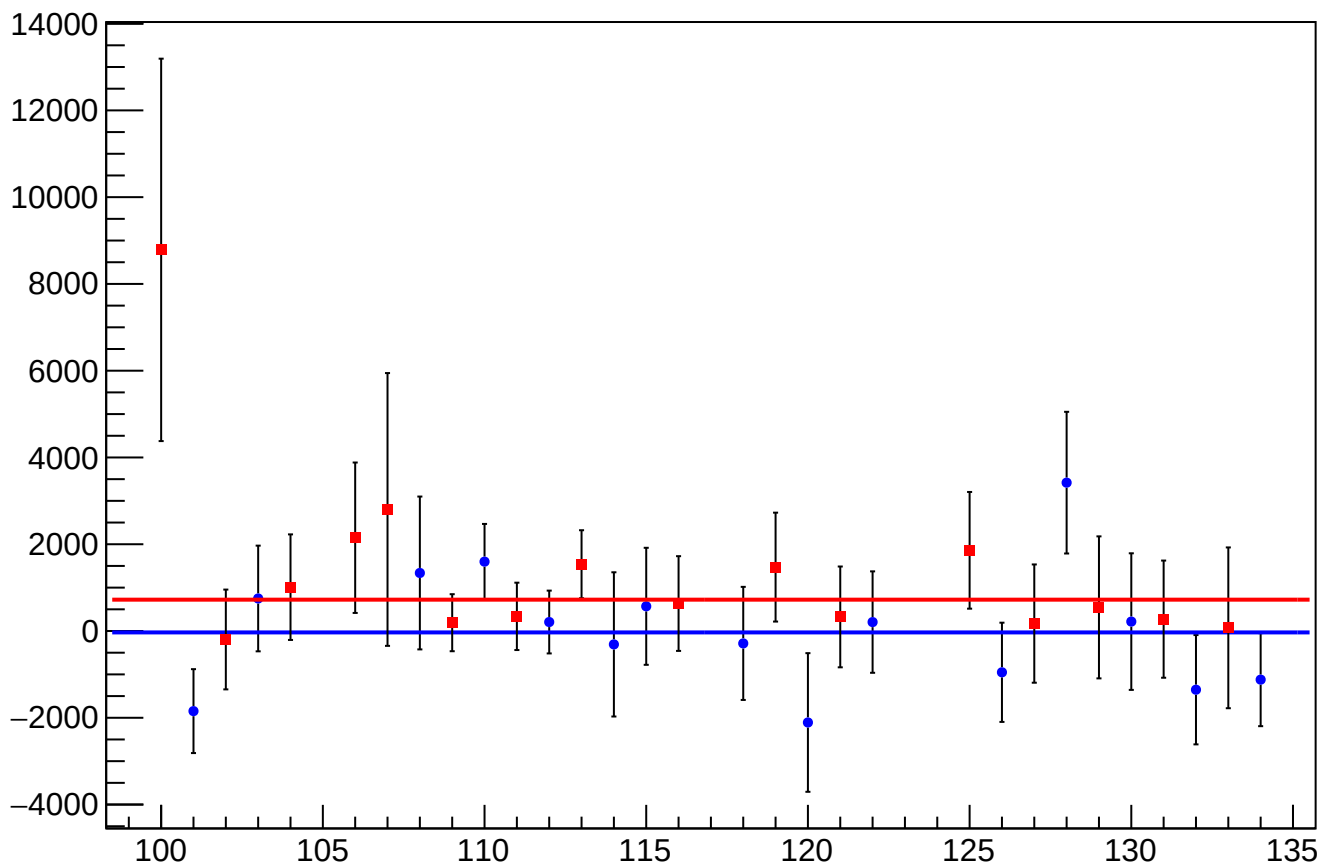
Right: 780.015+/-0.153 χ^2/NDF : 19083.6/30

In: 778.306+/-0.218 χ^2/NDF : 11791.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.015+/-0.153 χ^2/NDF : 19083.6/30

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -32.451 ± 302.020 $\chi^2/\text{NDF}: 17.4/14$

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

Right Out: 722.393 ± 288.230 $\chi^2/\text{NDF}: 8.7/15$

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

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

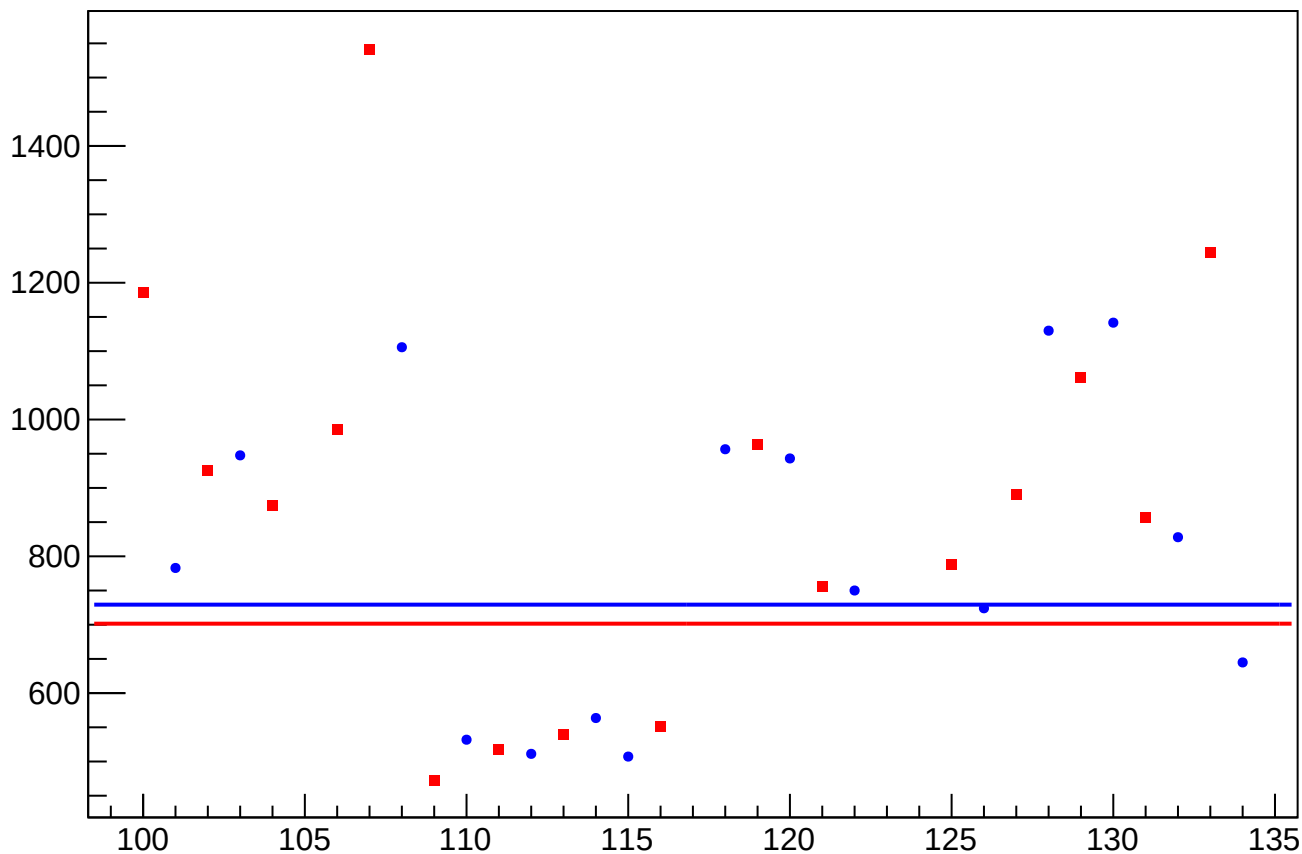
Right: 362.596 ± 208.514 $\chi^2/\text{NDF}: 29.4/30$

In: -32.451 ± 302.020 $\chi^2/\text{NDF}: 17.4/14$

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

All: 362.596 ± 208.514 $\chi^2/\text{NDF}: 29.4/30$

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 729.350+/-0.214 χ^2/NDF : 900040.8/14

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

Right Out: 701.524+/-0.204 χ^2/NDF : 1248759.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

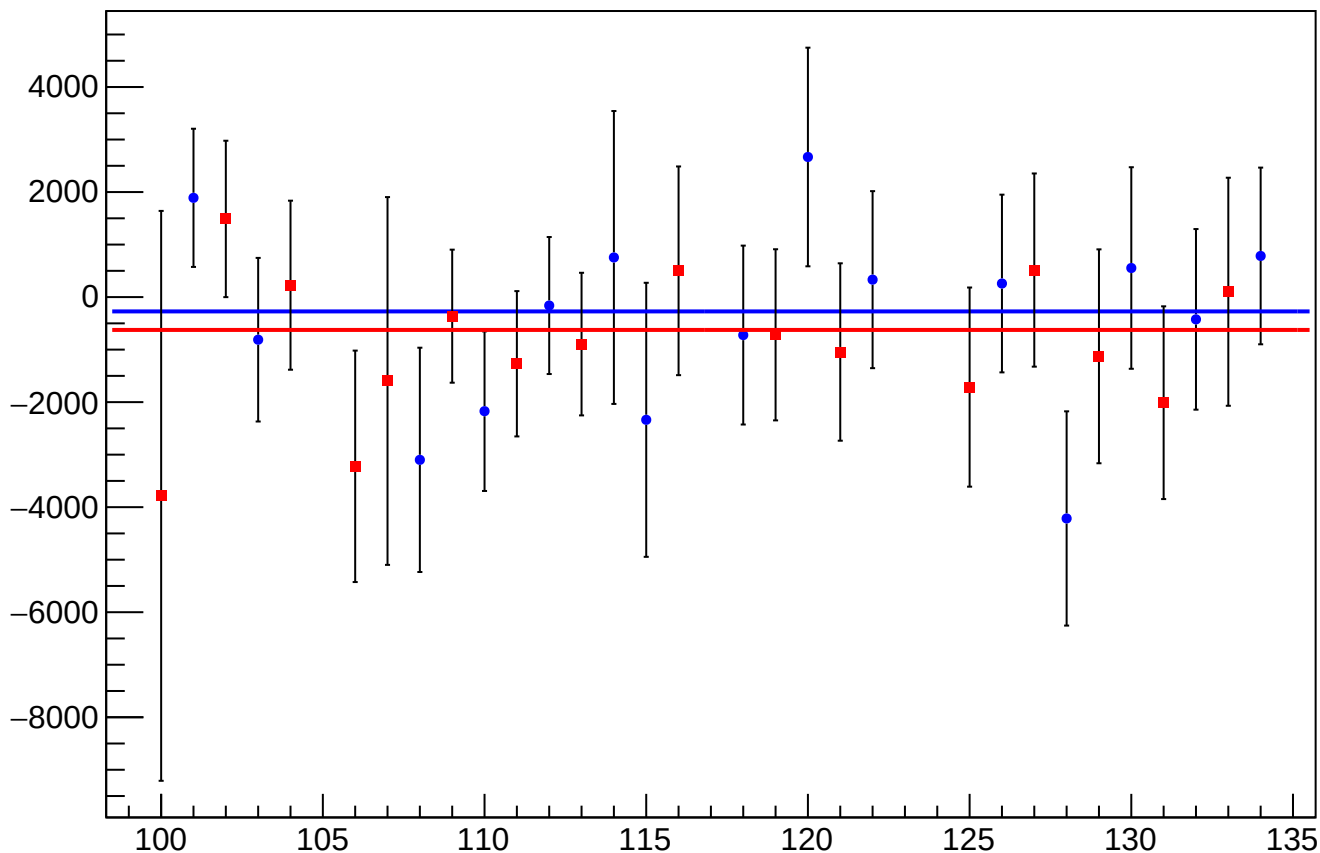
Right: 714.788+/-0.147 χ^2/NDF : 2157685.0/30

In: 729.350+/-0.214 χ^2/NDF :900040.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 714.788+/-0.147 χ^2/NDF : 2157685.0/30

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -272.560 ± 447.845 χ^2/NDF : 13.5/14

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

Right Out: -625.340 ± 440.592 χ^2/NDF : 6.2/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

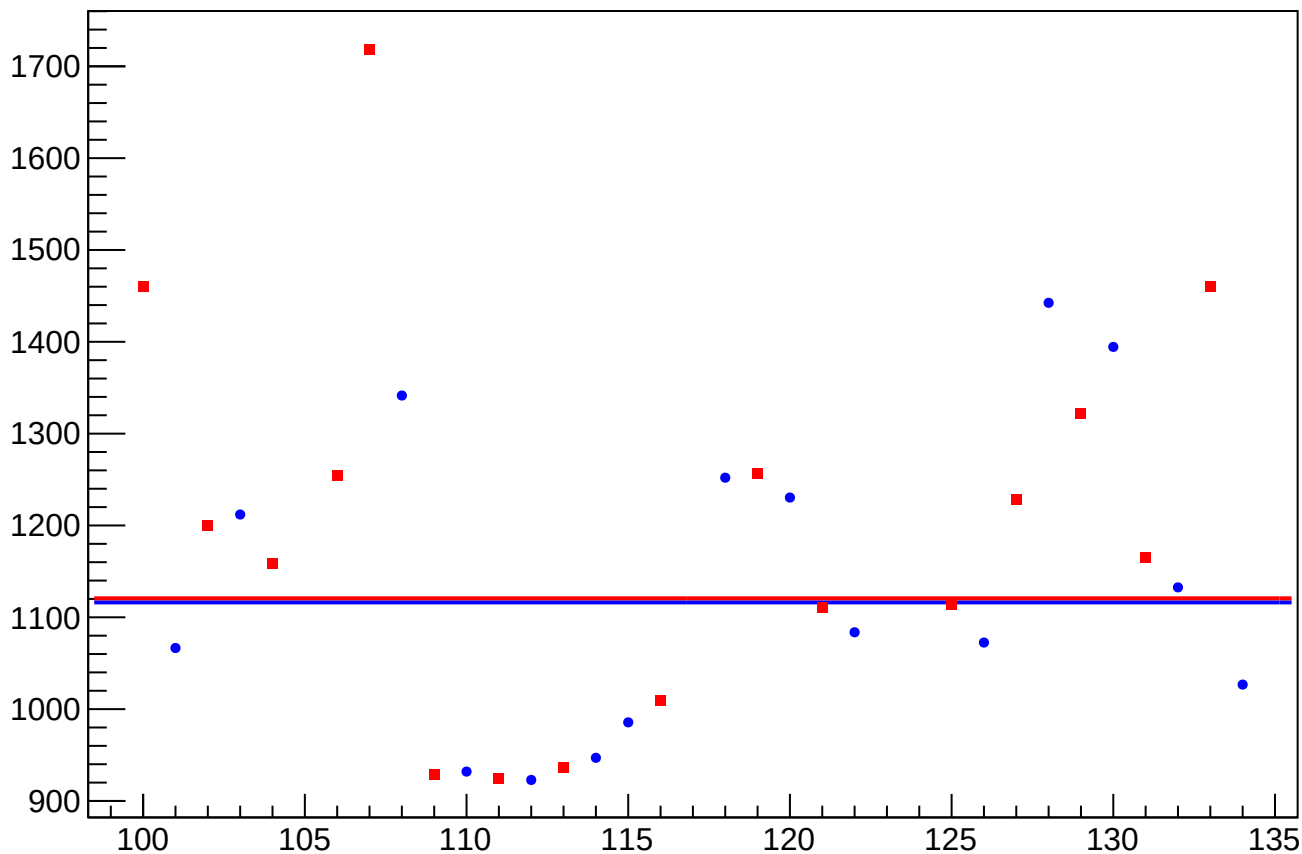
Right: -451.830 ± 314.079 χ^2/NDF : 20.1/30

In: -272.560 ± 447.845 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -451.830 ± 314.079 χ^2/NDF : 20.1/30

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1116.235+/-0.317 χ^2/NDF : 238243.7/14

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

Right Out: 1120.673+/-0.312 χ^2/NDF : 299449.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

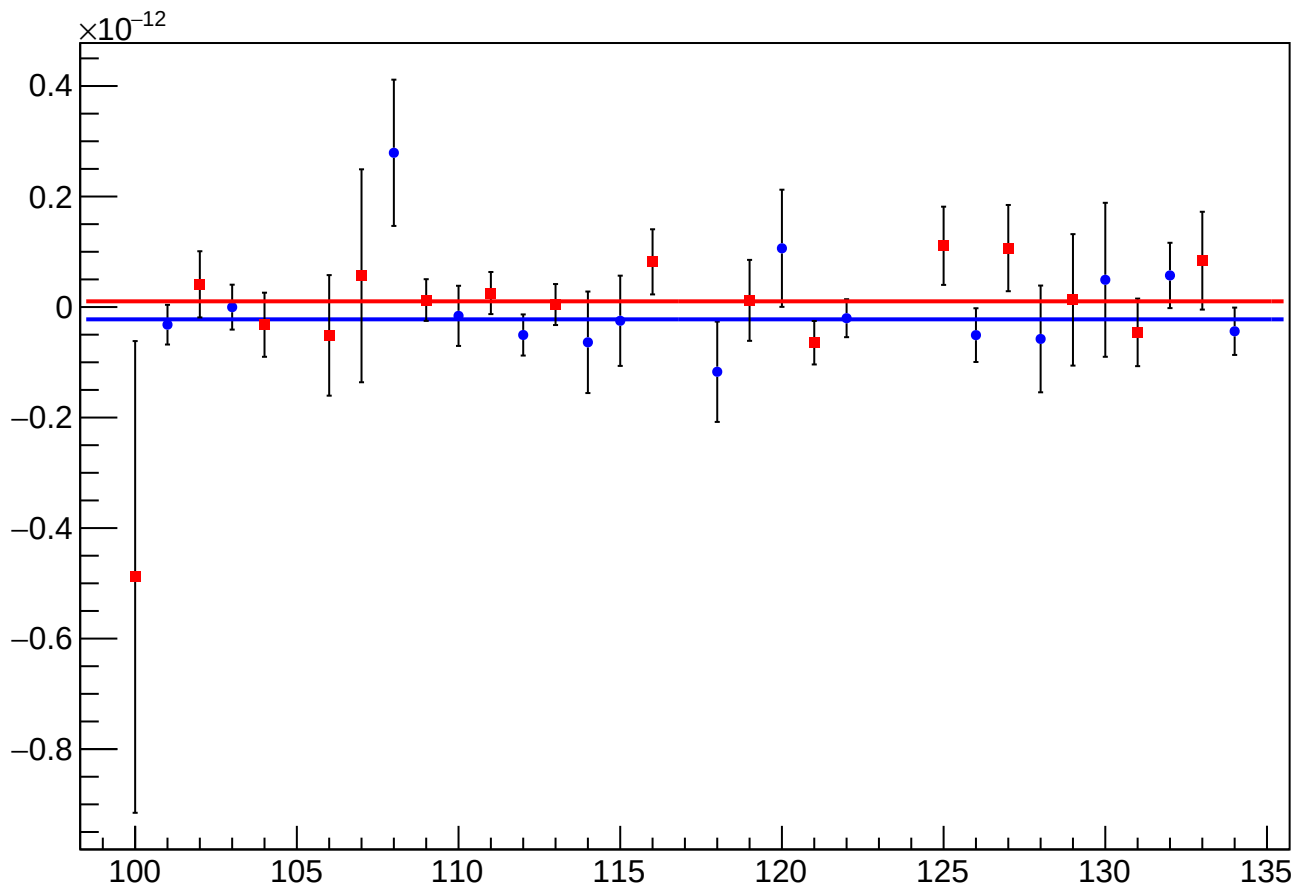
Right: 1118.490+/-0.222 χ^2/NDF : 537793.2/30

In: 1116.235+/-0.317 χ^2/NDF : 238243.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.490+/-0.222 χ^2/NDF : 537793.2/30

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 11.7/14

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 12.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

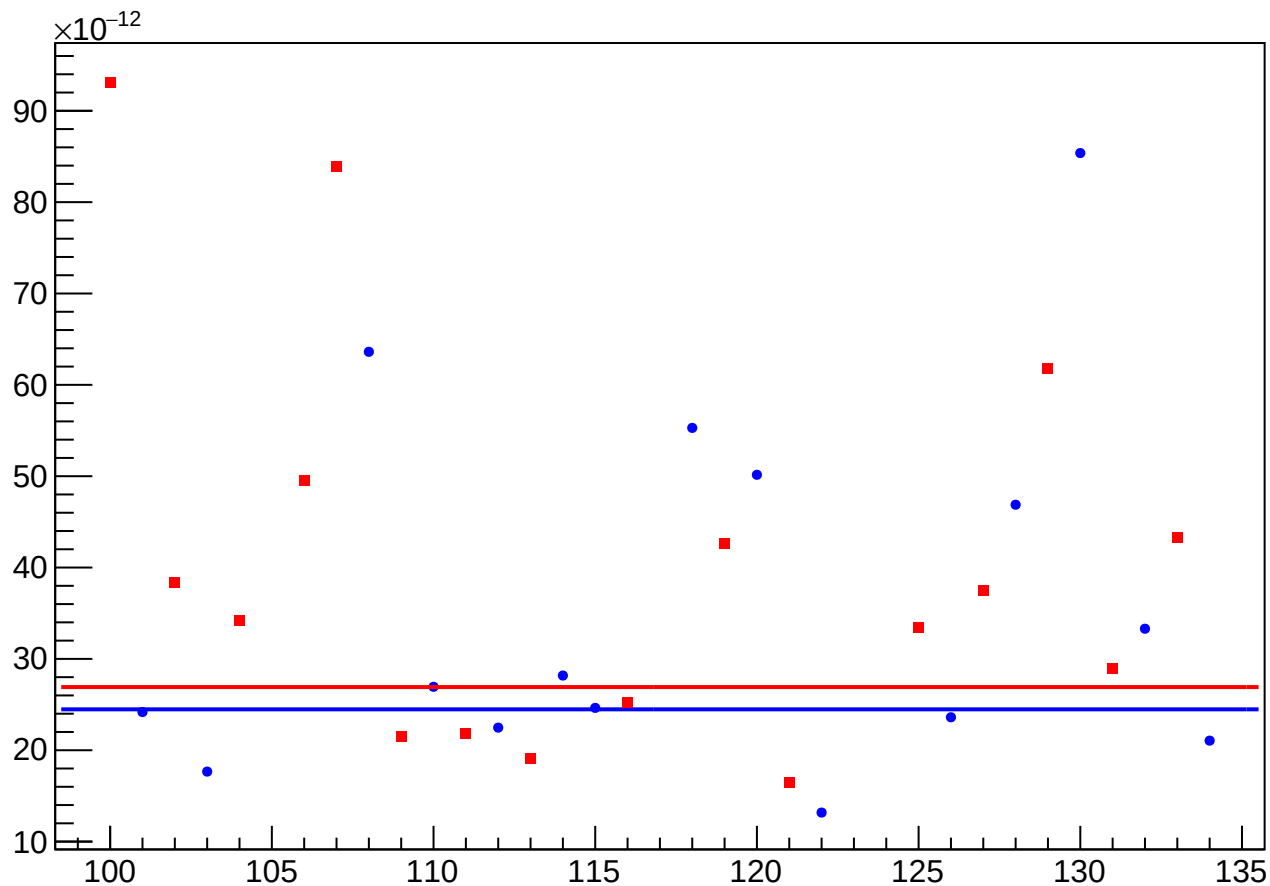
Right: -0.000 ± 0.000 χ^2/NDF : 27.3/30

In: -0.000 ± 0.000 χ^2/NDF : 11.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 27.3/30

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1356483.0/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1111657.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

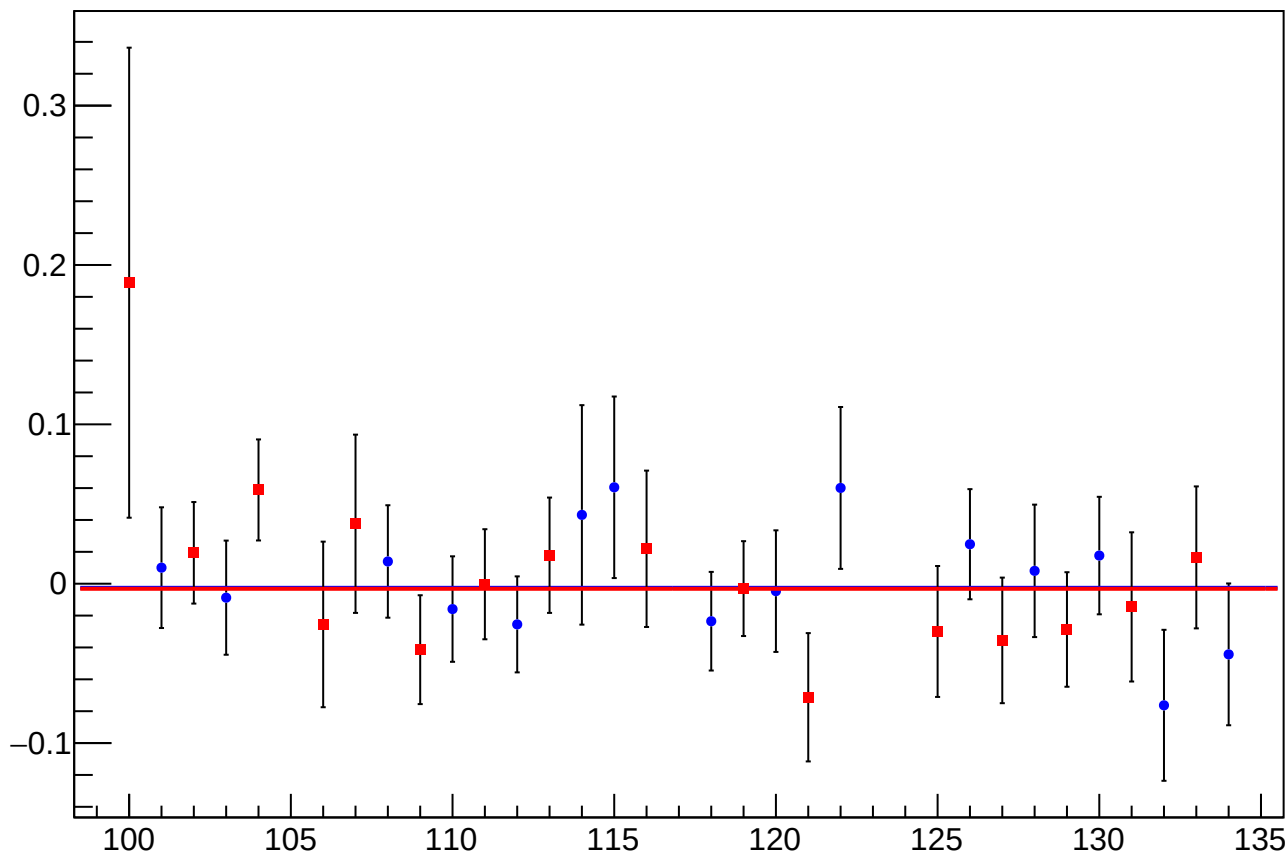
Right: 0.000+/-0.000 χ^2/NDF : 2497809.2/30

In: 0.000+/-0.000 χ^2/NDF :1356483.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2497809.2/30

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

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

Right Out: -0.003 ± 0.010 χ^2/NDF : 13.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

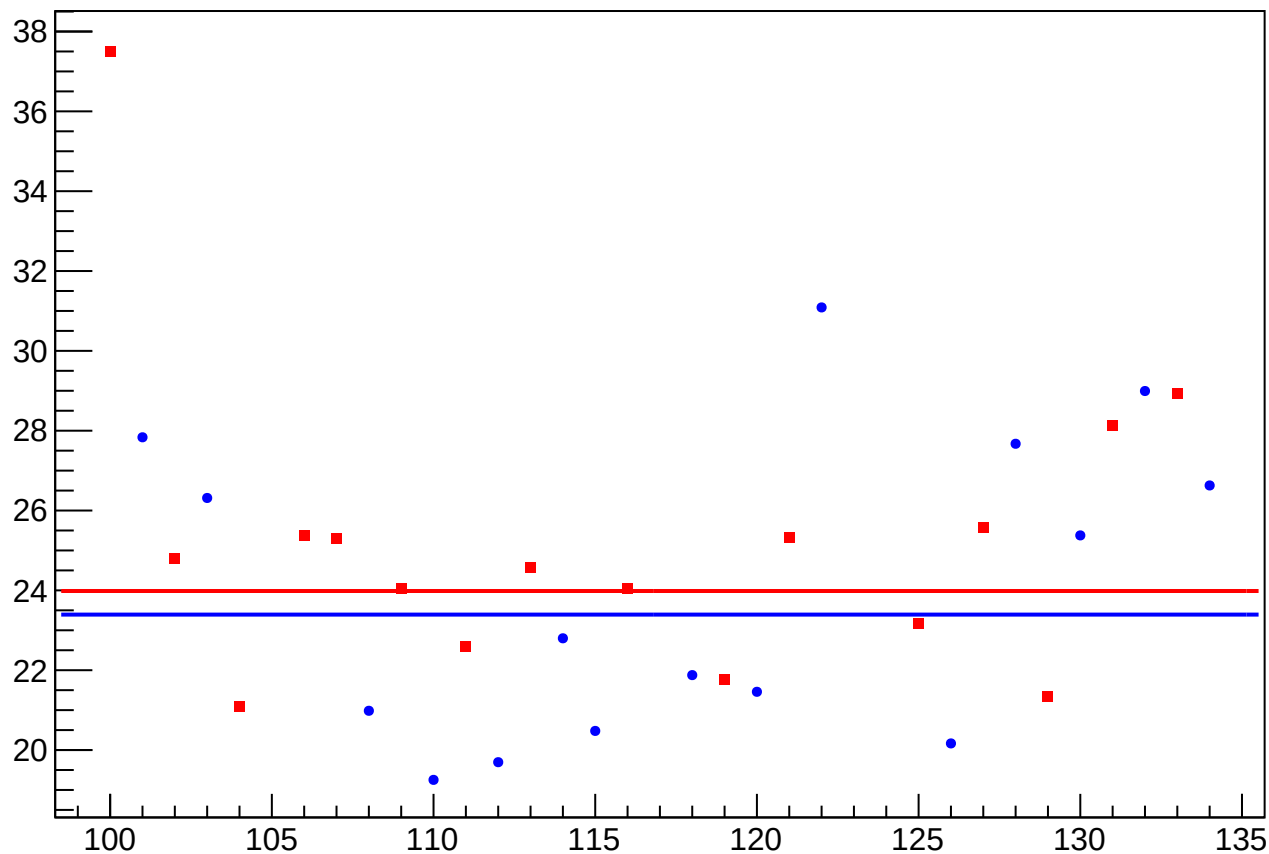
Right: -0.003 ± 0.007 χ^2/NDF : 22.4/30

In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.007 χ^2/NDF : 22.4/30

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.393+/-0.007 χ^2/NDF : 255773.1/14

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

Right Out: 23.984+/-0.007 χ^2/NDF : 109603.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

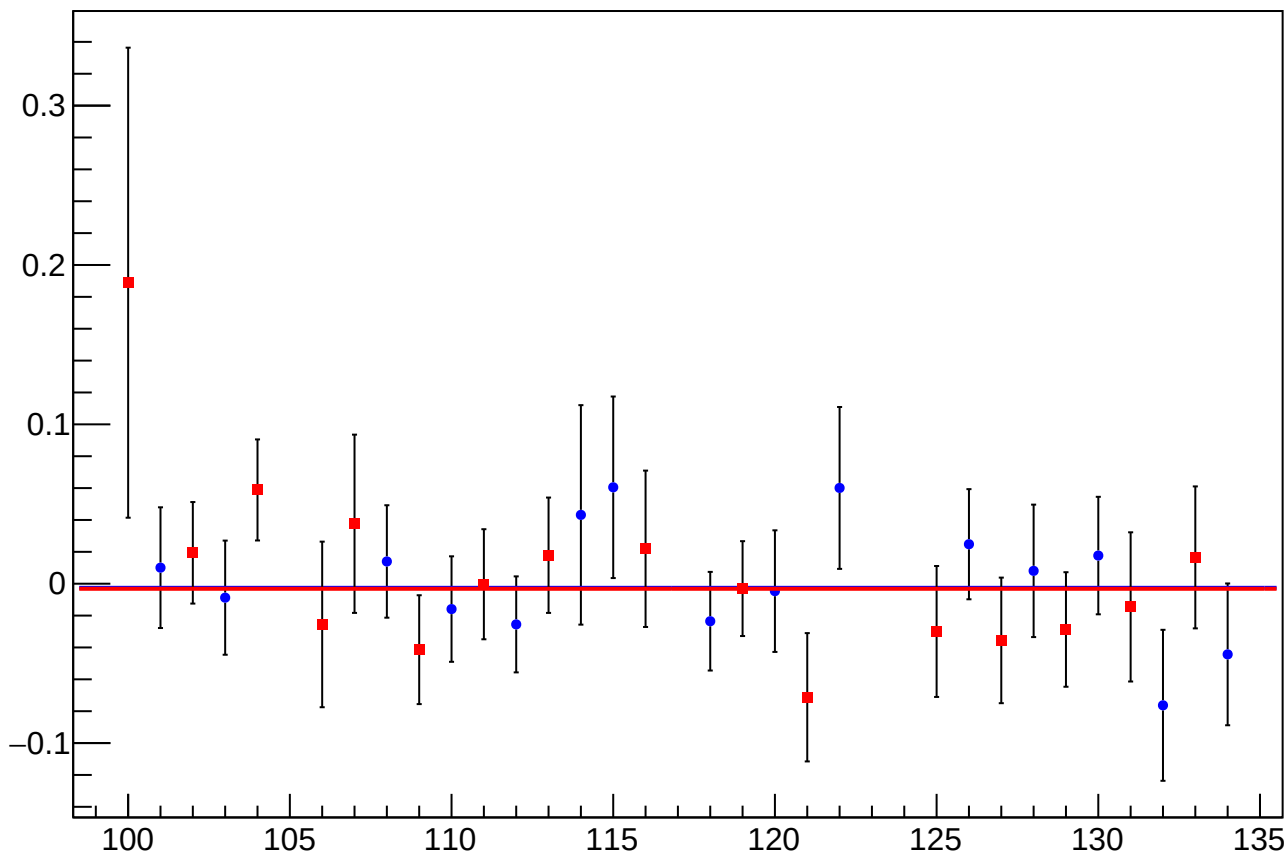
Right: 23.693+/-0.005 χ^2/NDF : 368932.9/30

In: 23.393+/-0.007 χ^2/NDF :255773.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.693+/-0.005 χ^2/NDF : 368932.9/30

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

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

Right Out: -0.003 ± 0.010 χ^2/NDF : 13.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

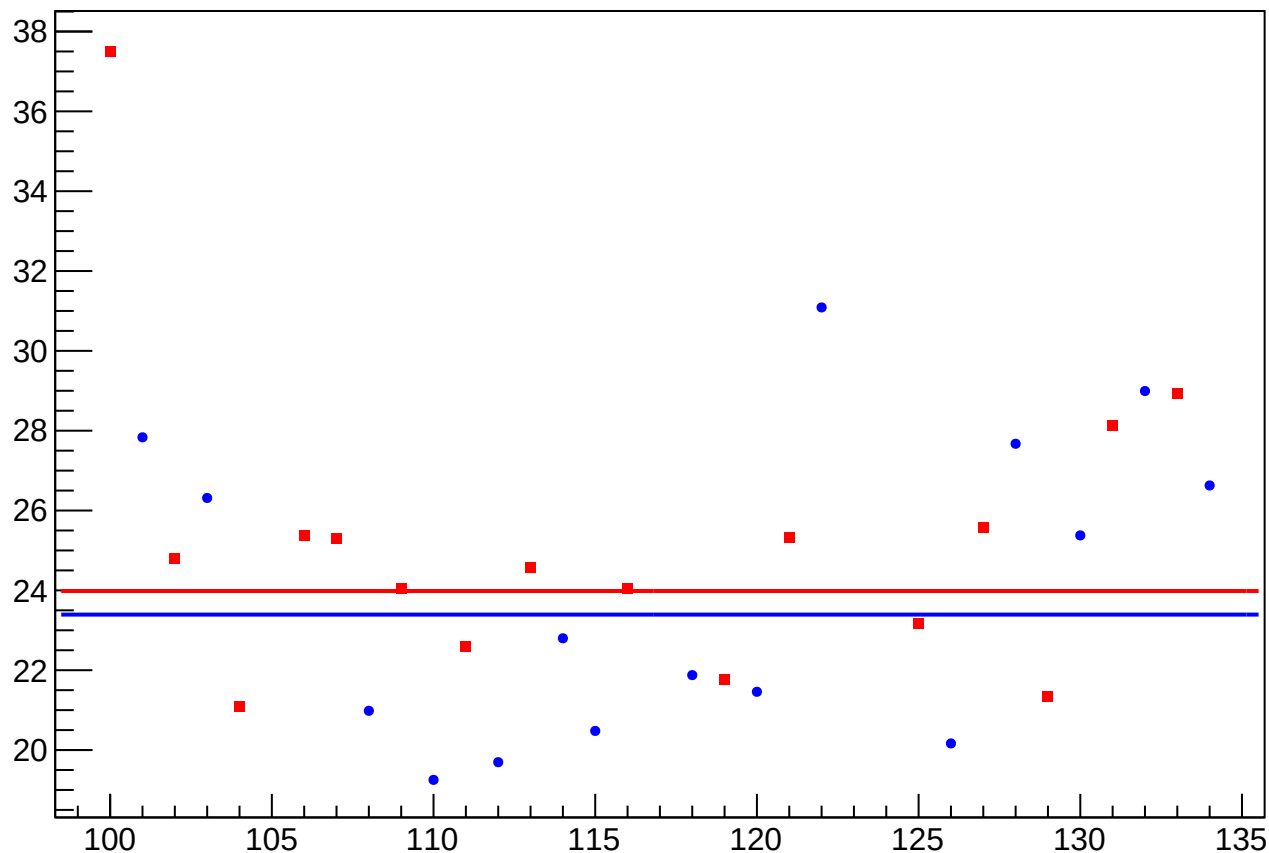
Right: -0.003 ± 0.007 χ^2/NDF : 22.4/30

In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.007 χ^2/NDF : 22.4/30

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.393+/-0.007 χ^2/NDF : 255773.1/14

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

Right Out: 23.984+/-0.007 χ^2/NDF : 109603.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

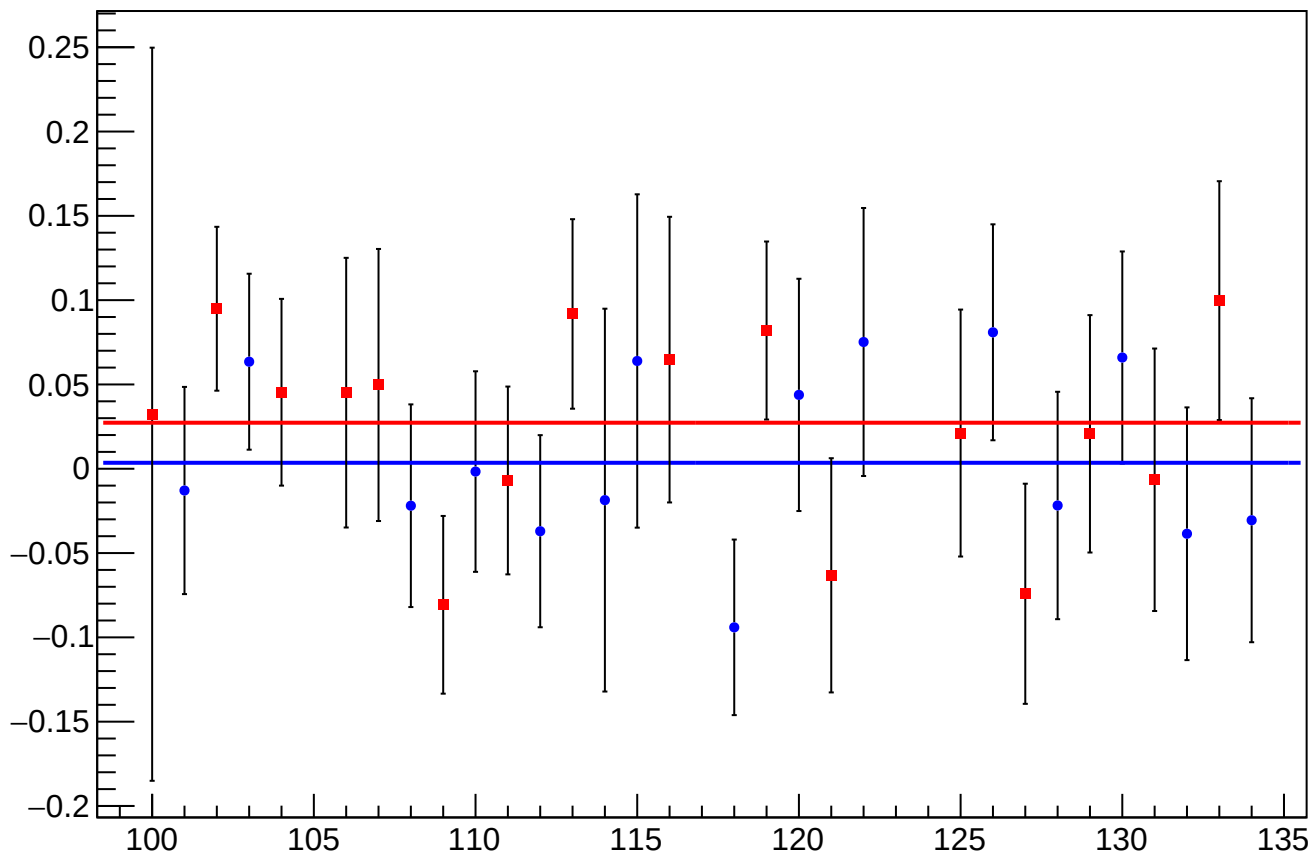
Right: 23.693+/-0.005 χ^2/NDF : 368932.9/30

In: 23.393+/-0.007 χ^2/NDF : 255773.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.693+/-0.005 χ^2/NDF : 368932.9/30

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.017 χ^2 /NDF: 10.3/14

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

Right Out: 0.027 $\pm$ 0.016 χ^2 /NDF: 14.7/15

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

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

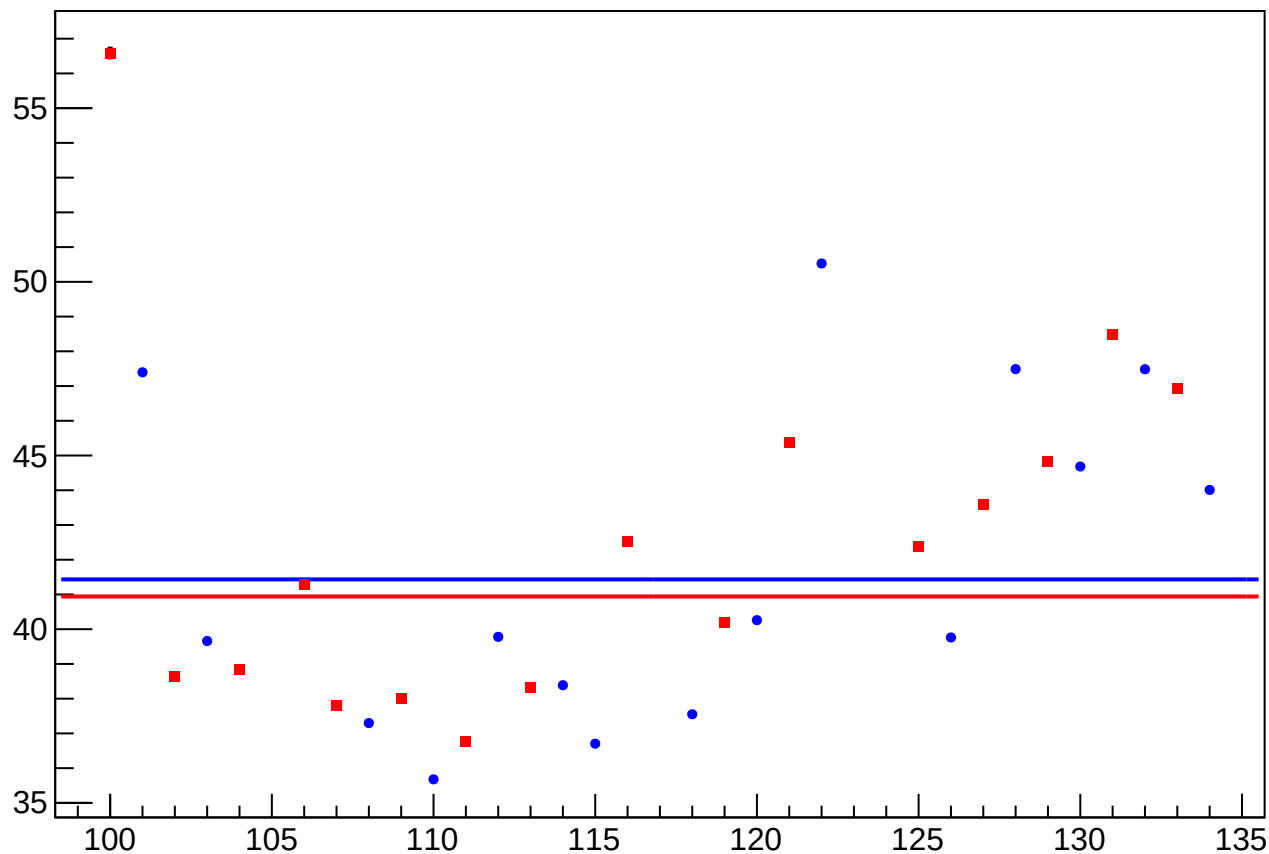
Right: 0.016 $\pm$ 0.012 χ^2 /NDF: 26.0/30

In: 0.004 $\pm$ 0.017 χ^2 /NDF:10.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.012 χ^2 /NDF: 26.0/30

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.434+/-0.012 χ^2/NDF : 133325.2/14

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

Right Out: 40.942+/-0.012 χ^2/NDF : 95218.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

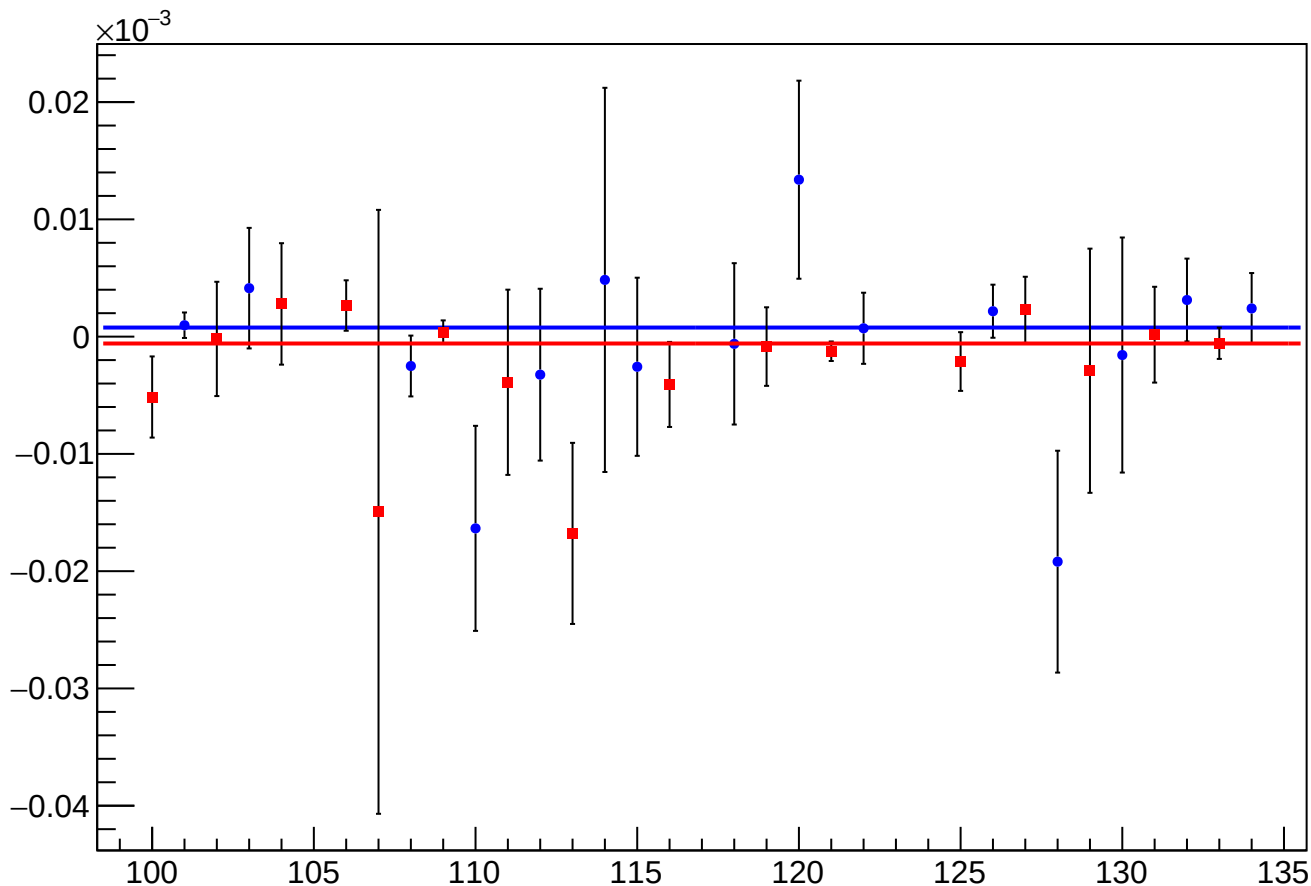
Right: 41.179+/-0.008 χ^2/NDF : 229423.5/30

In: 41.434+/-0.012 χ^2/NDF :133325.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.179+/-0.008 χ^2/NDF : 229423.5/30

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.3/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

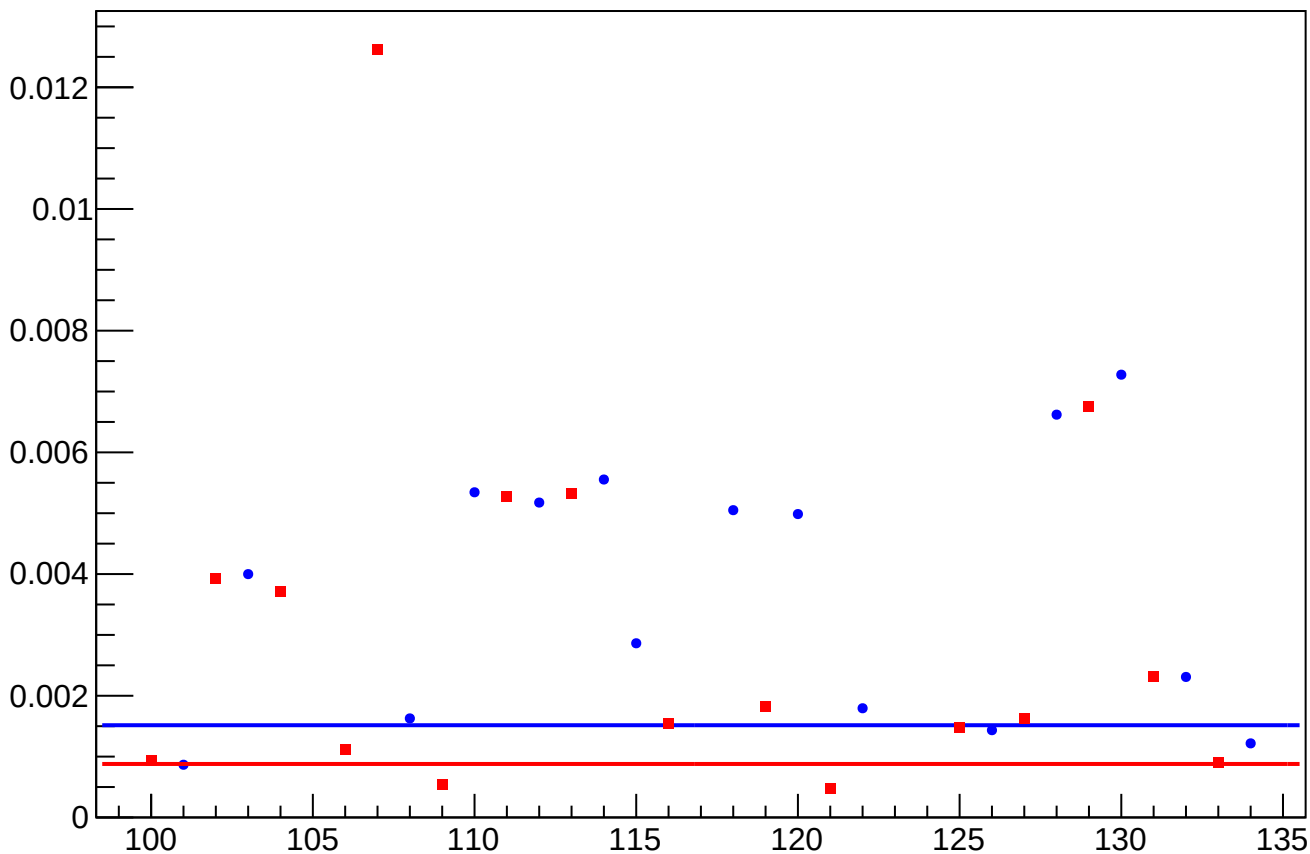
Right: -0.000+/-0.000 χ^2/NDF : 29.8/30

In: 0.000+/-0.000 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.8/30

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 4500982.2/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 5167651.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 10606723.1/30

In: 0.002+/-0.000

χ^2/NDF : 4500982.2/14

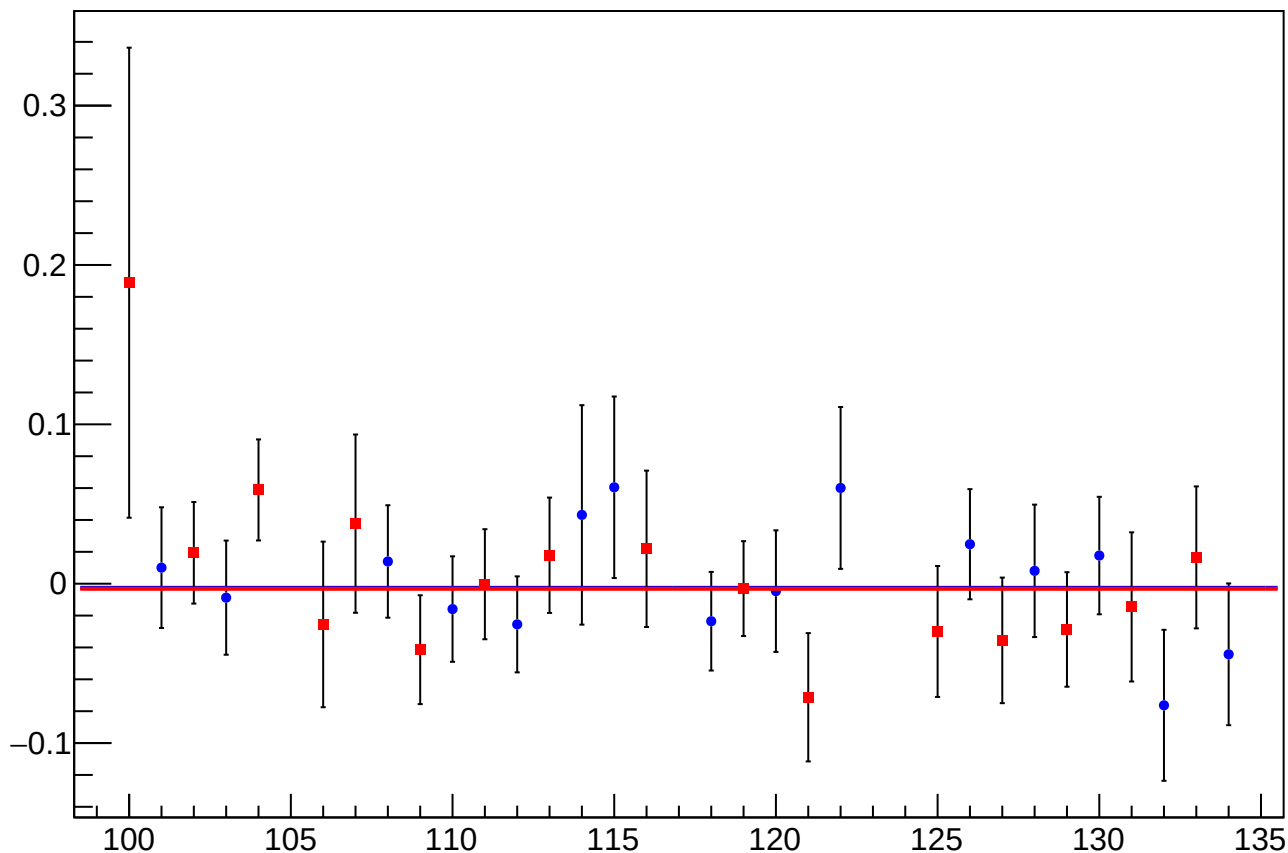
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 10606723.1/30

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

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

Right Out: -0.003 ± 0.010 χ^2/NDF : 13.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

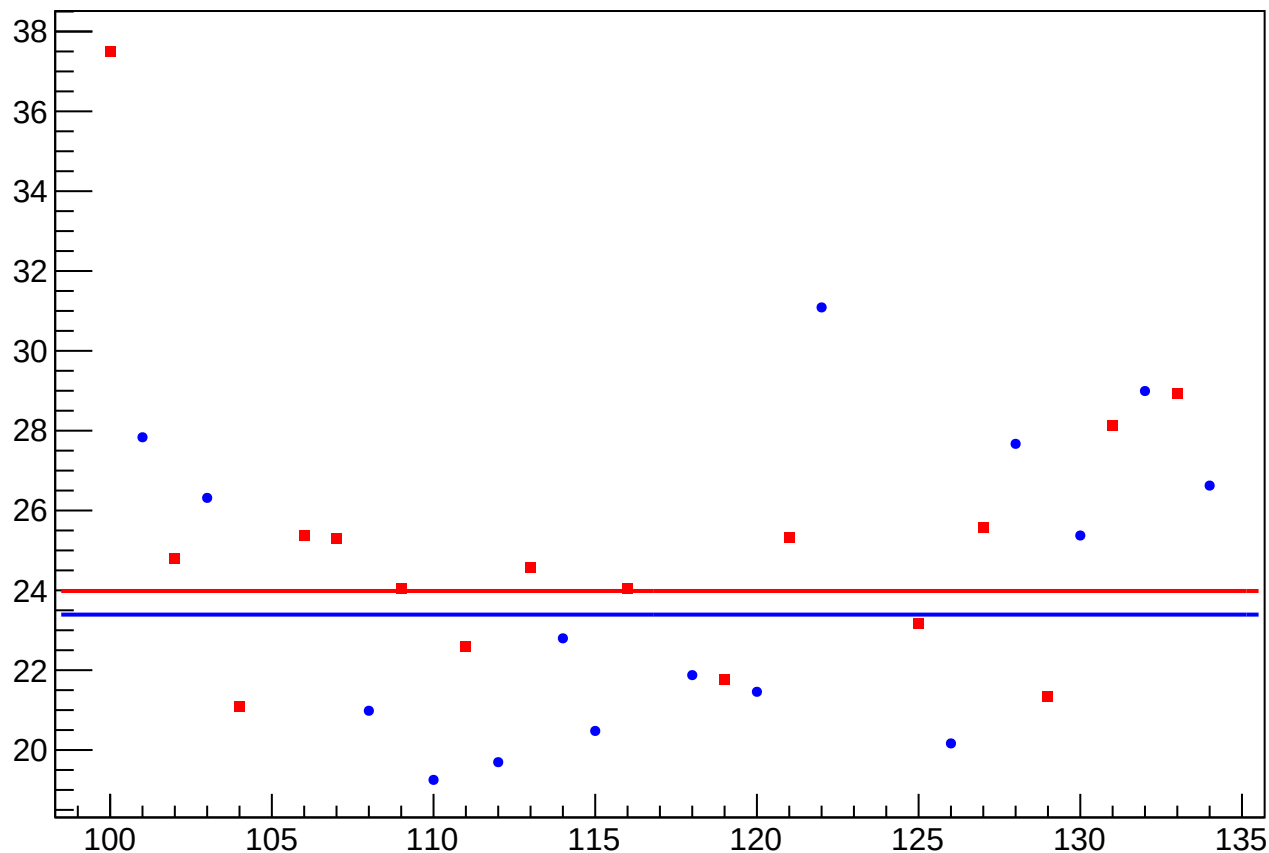
Right: -0.003 ± 0.007 χ^2/NDF : 22.4/30

In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.007 χ^2/NDF : 22.4/30

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.392+/-0.007 χ^2/NDF : 255768.8/14

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

Right Out: 23.984+/-0.007 χ^2/NDF : 109585.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

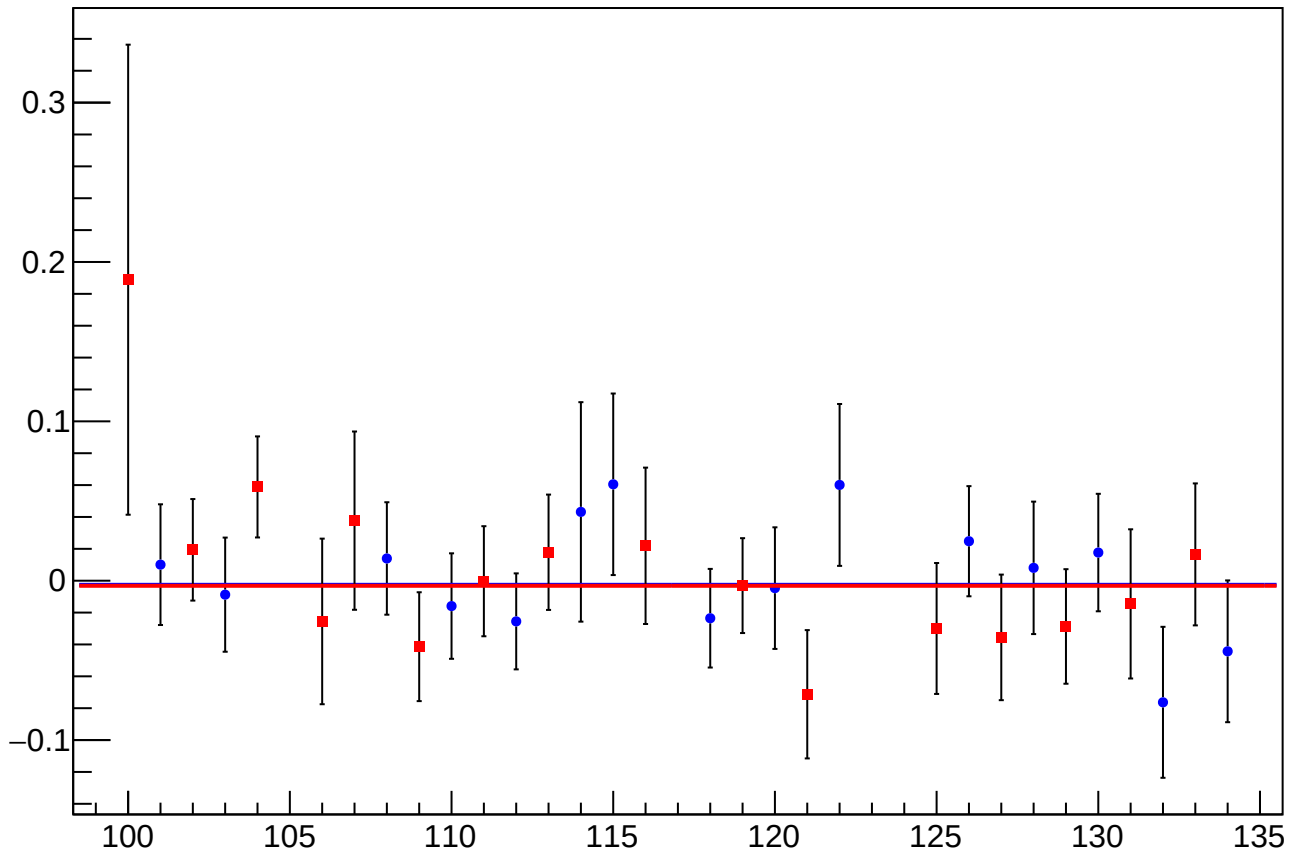
Right: 23.692+/-0.005 χ^2/NDF : 368920.5/30

In: 23.392+/-0.007 χ^2/NDF : 255768.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.692+/-0.005 χ^2/NDF : 368920.5/30

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

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

Right Out: -0.003 ± 0.010 χ^2/NDF : 13.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

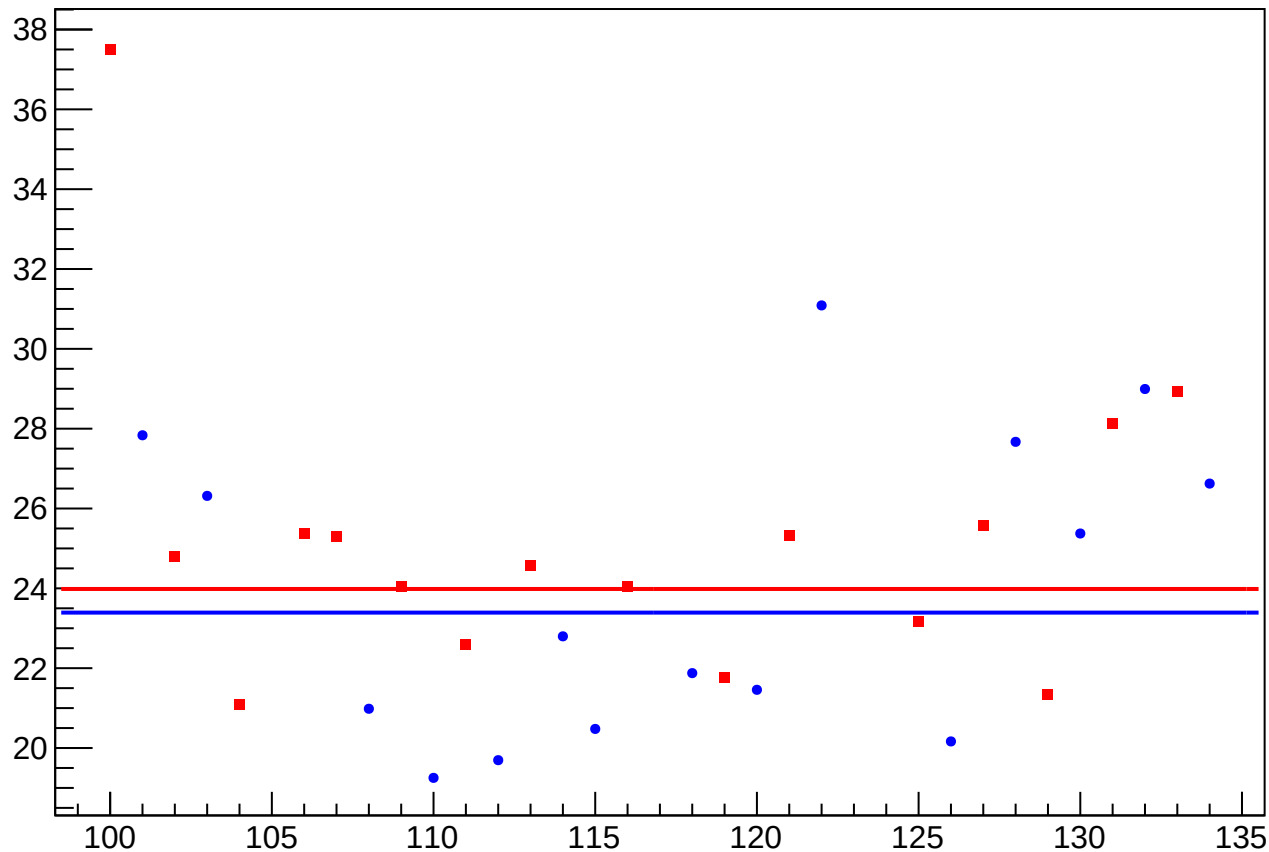
Right: -0.003 ± 0.007 χ^2/NDF : 22.4/30

In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.007 χ^2/NDF : 22.4/30

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.392+/-0.007 χ^2/NDF : 255768.8/14

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

Right Out: 23.984+/-0.007 χ^2/NDF : 109585.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

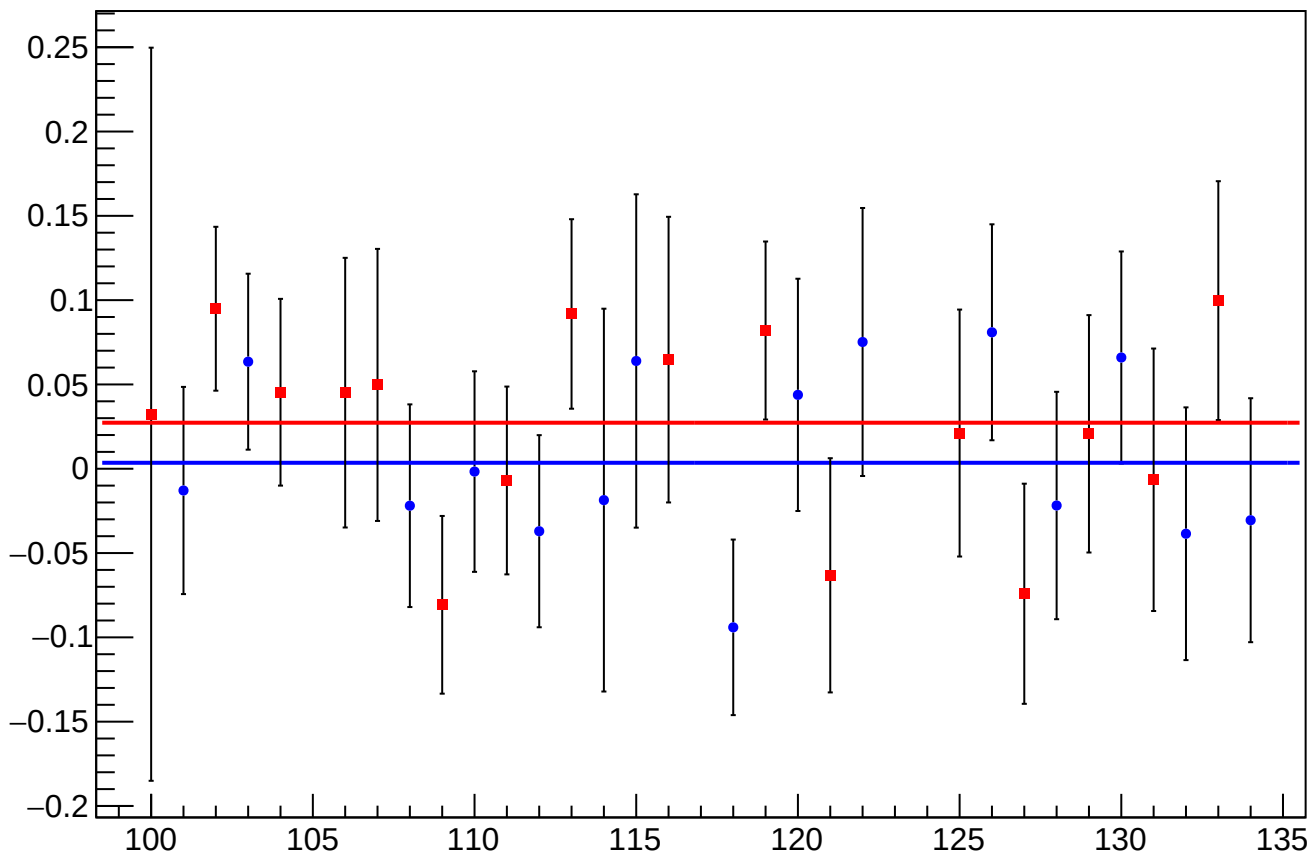
Right: 23.692+/-0.005 χ^2/NDF : 368920.5/30

In: 23.392+/-0.007 χ^2/NDF : 255768.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.692+/-0.005 χ^2/NDF : 368920.5/30

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.017 χ^2/NDF : 10.3/14

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

Right Out: 0.027+/-0.016 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

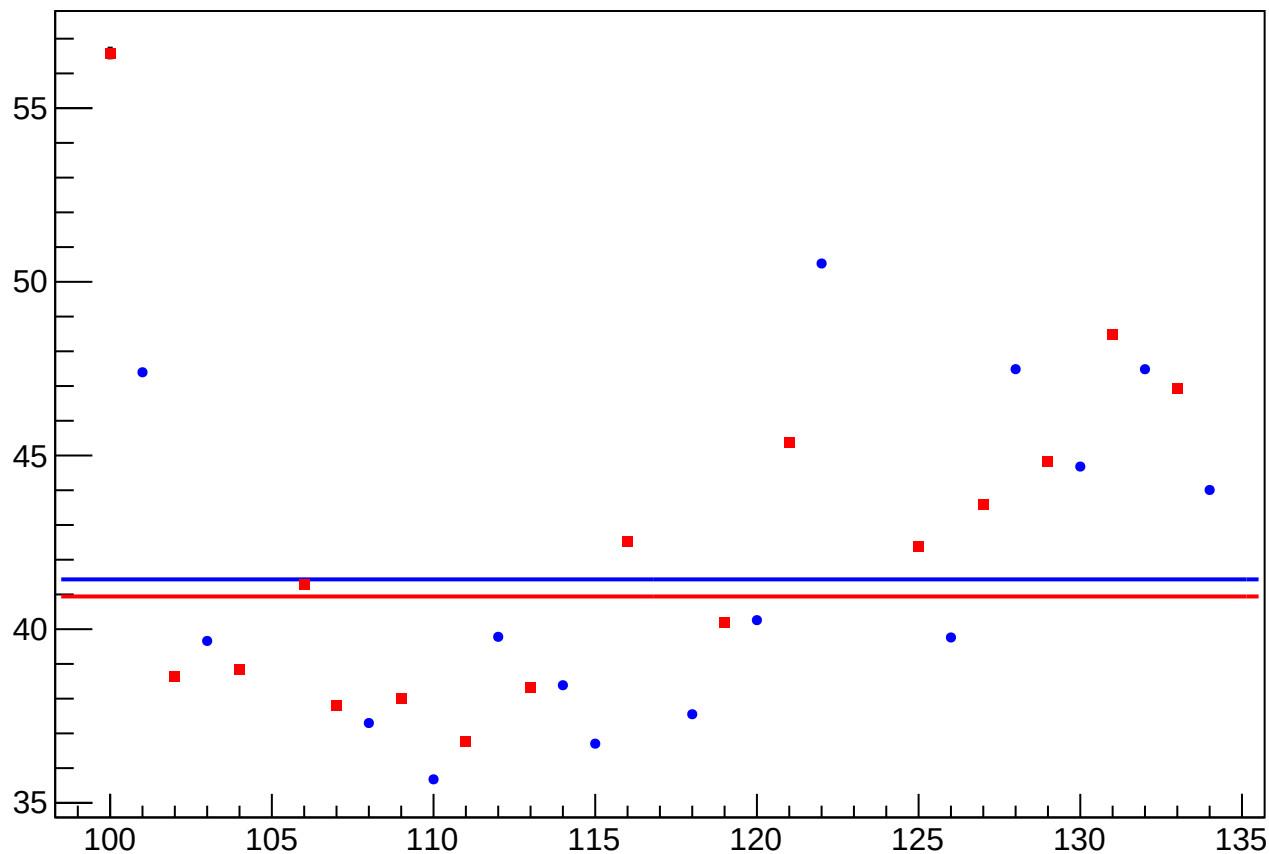
Right: 0.016+/-0.012 χ^2/NDF : 26.0/30

In: 0.004+/-0.017 χ^2/NDF :10.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.012 χ^2/NDF : 26.0/30

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.434+/-0.012 χ^2/NDF : 133304.4/14

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

Right Out: 40.942+/-0.012 χ^2/NDF : 95206.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

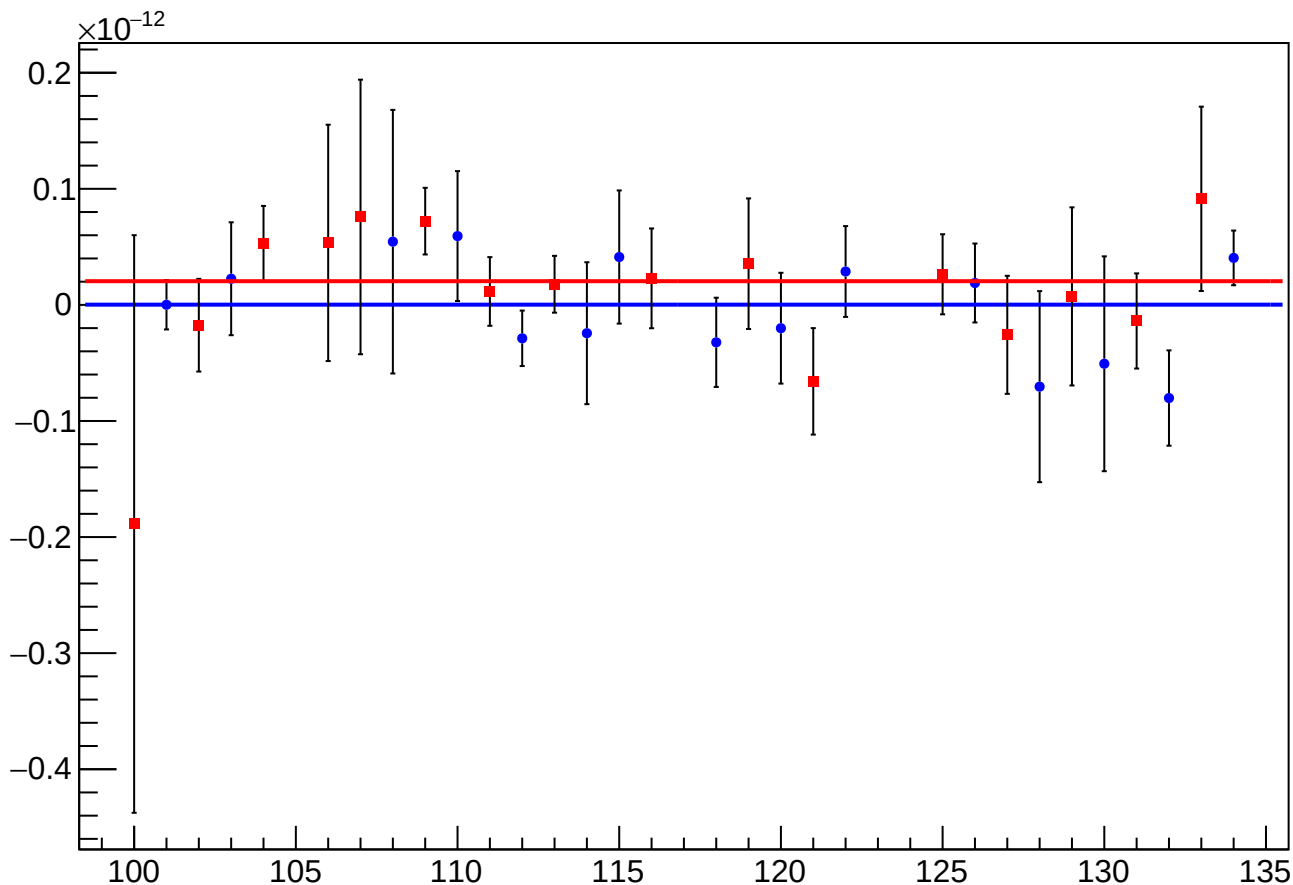
Right: 41.179+/-0.008 χ^2/NDF : 229390.0/30

In: 41.434+/-0.012 χ^2/NDF : 133304.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.179+/-0.008 χ^2/NDF : 229390.0/30

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.2/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

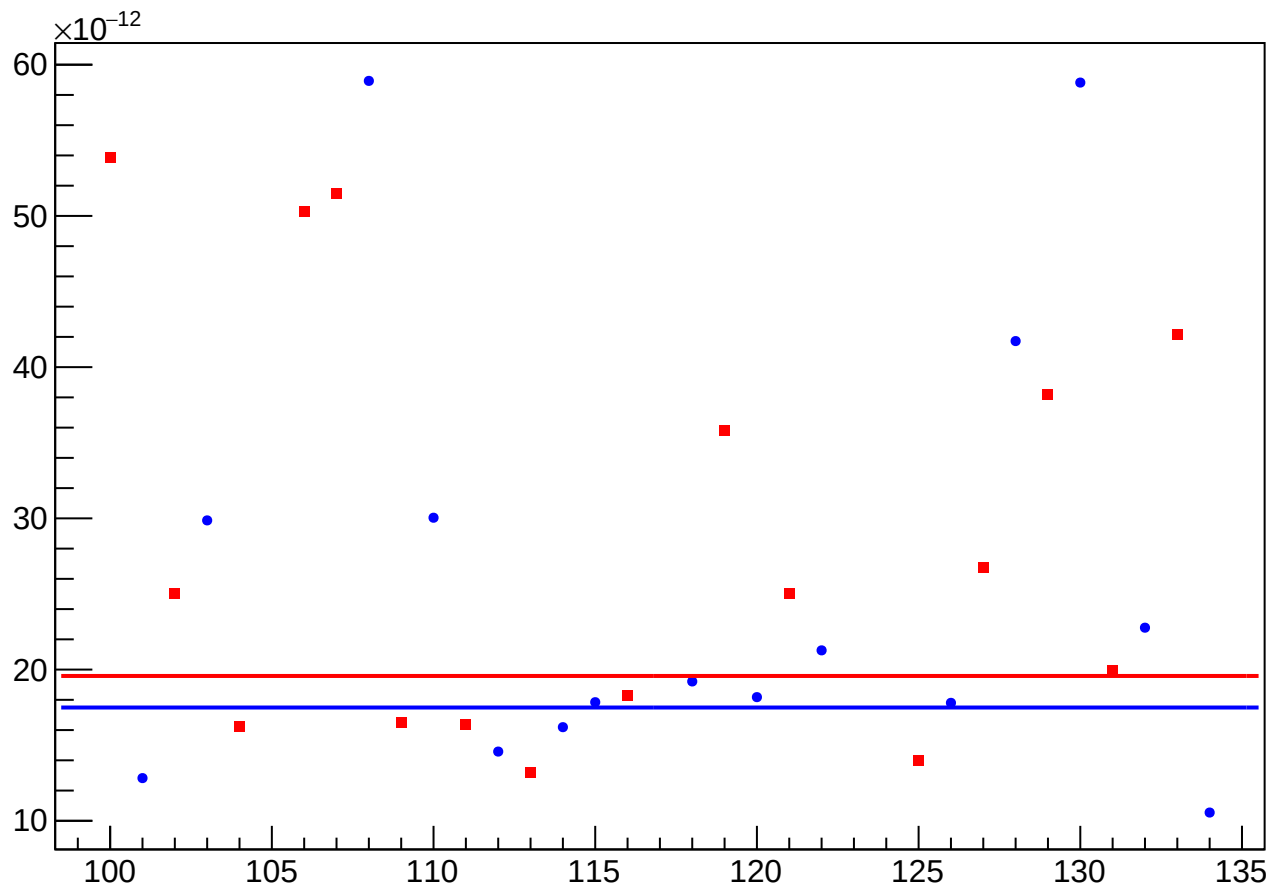
Right: 0.000+/-0.000 χ^2/NDF : 27.5/30

In: 0.000+/-0.000 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/30

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1426166.4/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1174873.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

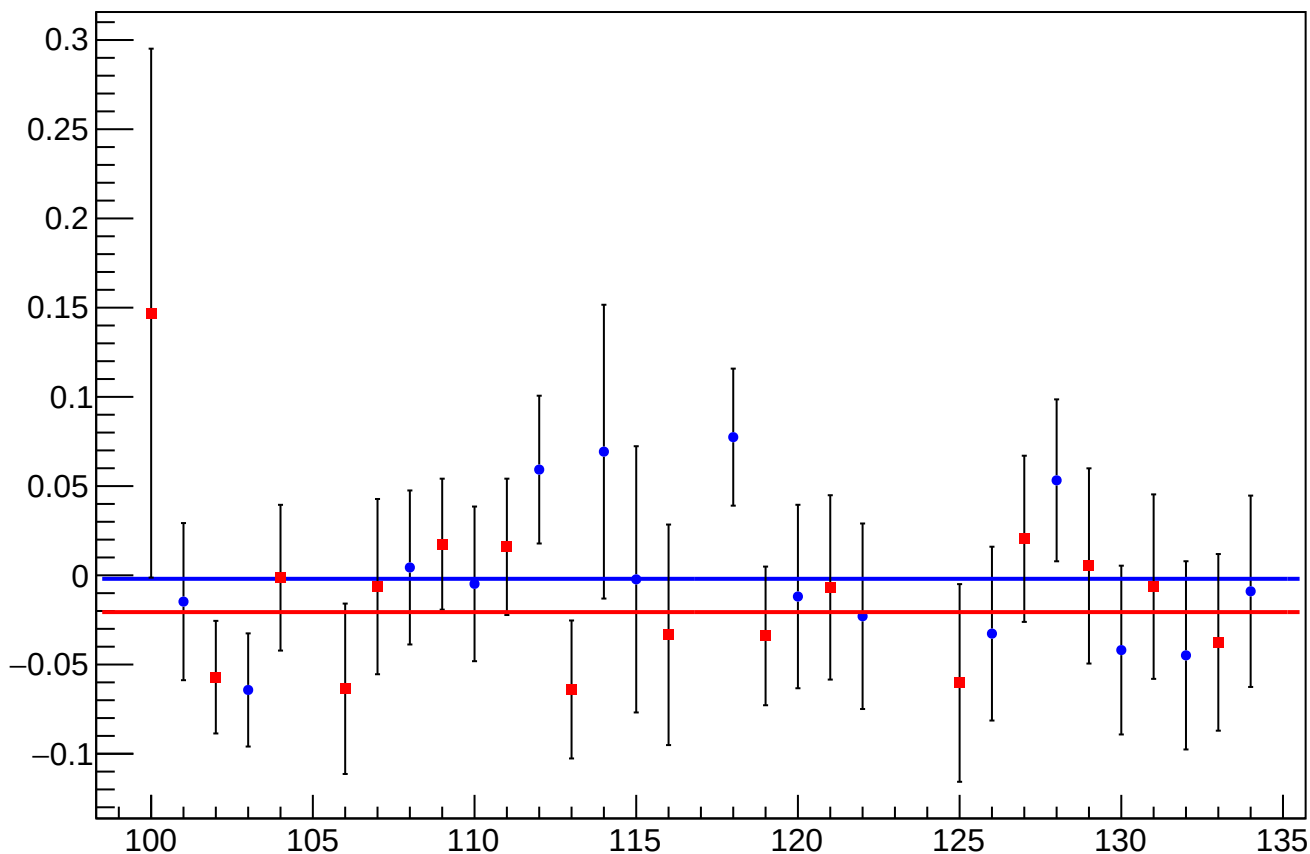
Right: 0.000+/-0.000 χ^2/NDF : 2644213.8/30

In: 0.000+/-0.000 χ^2/NDF : 1426166.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2644213.8/30

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.012 χ^2/NDF : 14.6/14

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

Right Out: -0.021 ± 0.011 χ^2/NDF : 8.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

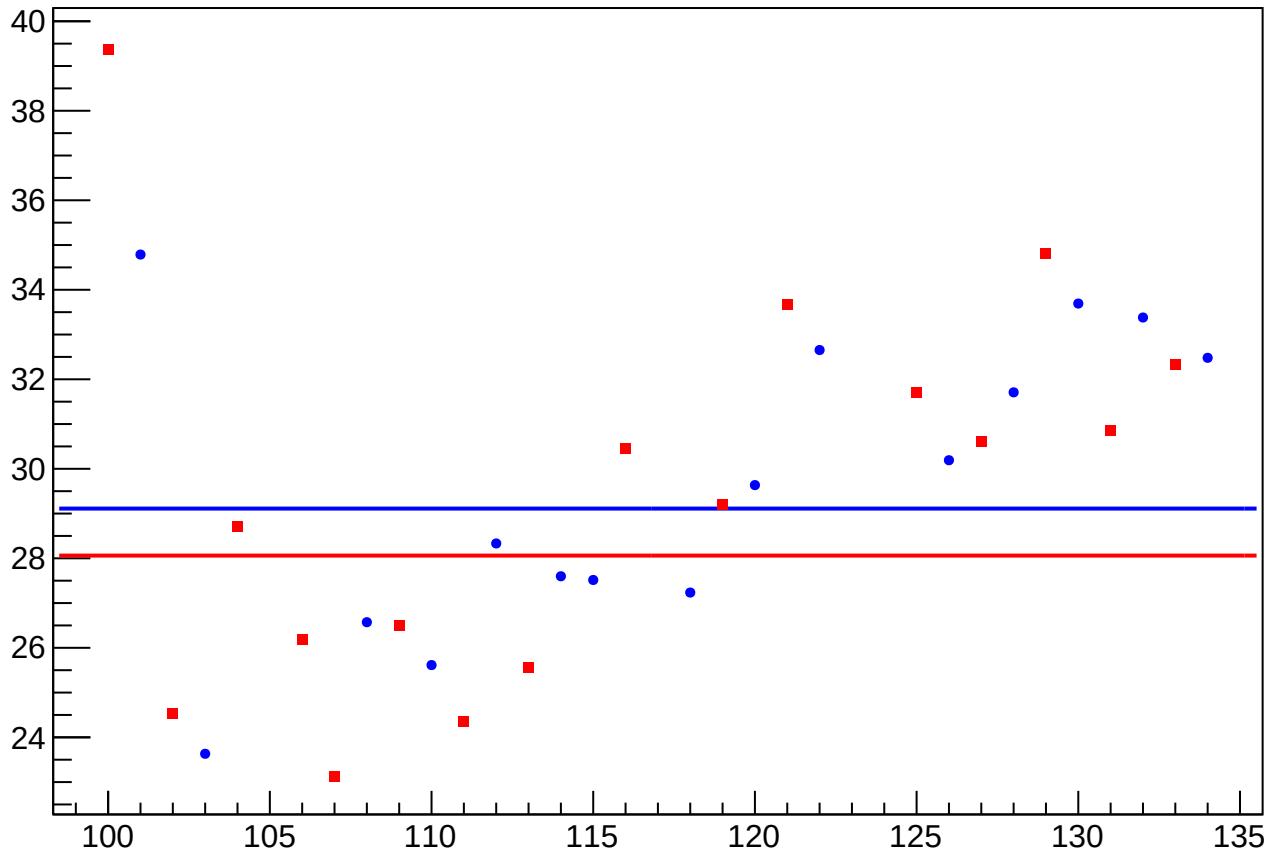
Right: -0.012 ± 0.008 χ^2/NDF : 24.9/30

In: -0.002 ± 0.012 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.008 χ^2/NDF : 24.9/30

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.111+/-0.008 χ^2/NDF : 176753.3/14

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

Right Out: 28.061+/-0.008 χ^2/NDF : 185558.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

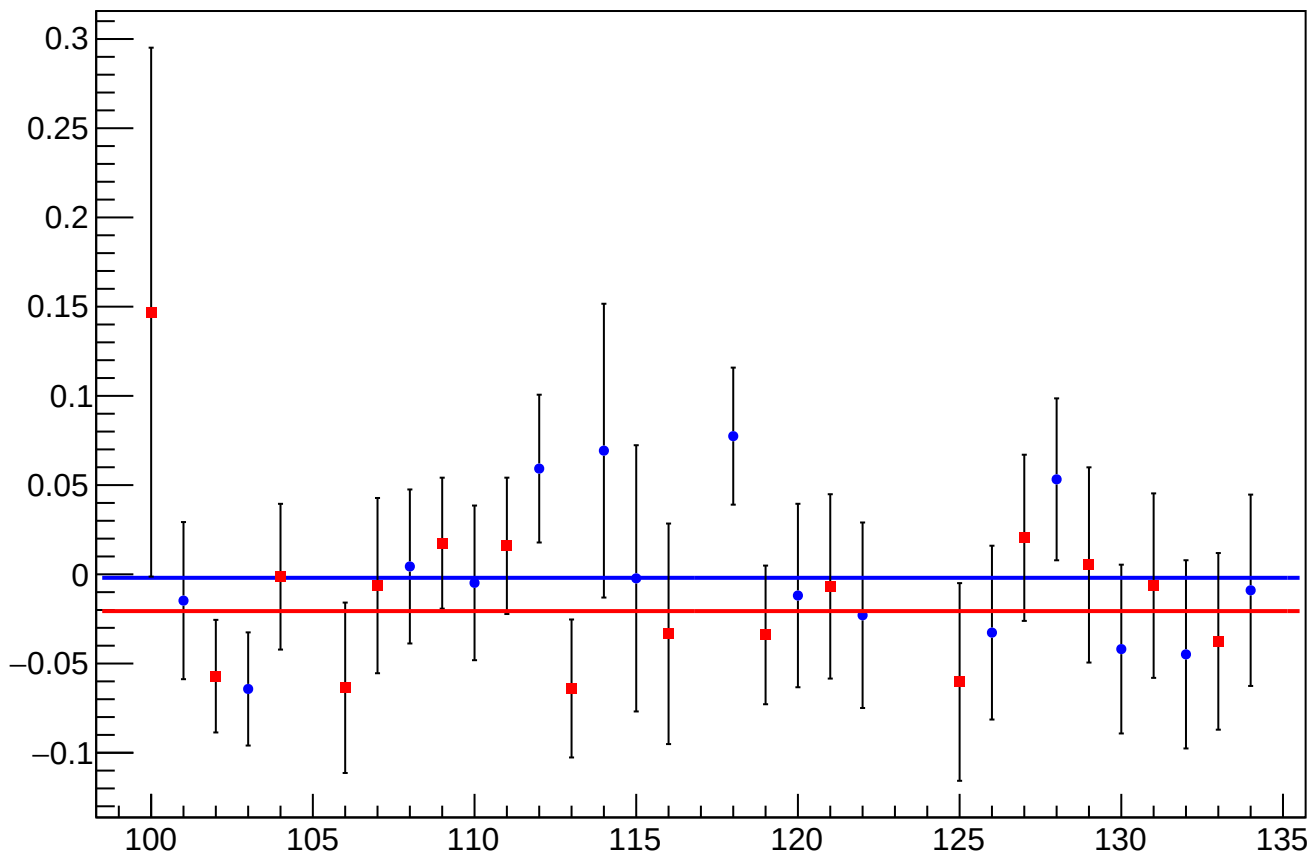
Right: 28.557+/-0.006 χ^2/NDF : 370437.3/30

In: 29.111+/-0.008 χ^2/NDF : 176753.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.557+/-0.006 χ^2/NDF : 370437.3/30

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.012 χ^2/NDF : 14.6/14

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

Right Out: -0.021 ± 0.011 χ^2/NDF : 8.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

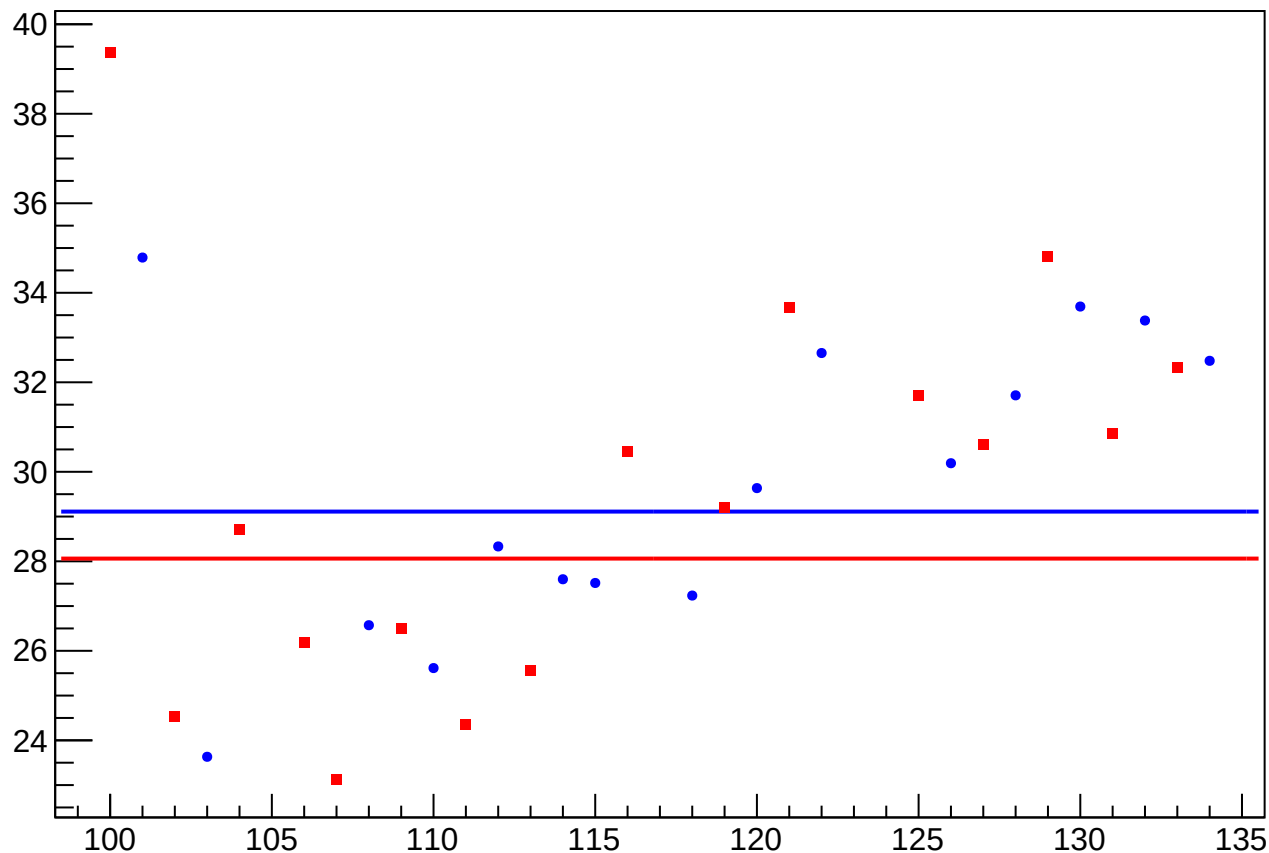
Right: -0.012 ± 0.008 χ^2/NDF : 24.9/30

In: -0.002 ± 0.012 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.008 χ^2/NDF : 24.9/30

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.111+/-0.008 χ^2/NDF : 176753.3/14

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

Right Out: 28.061+/-0.008 χ^2/NDF : 185558.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

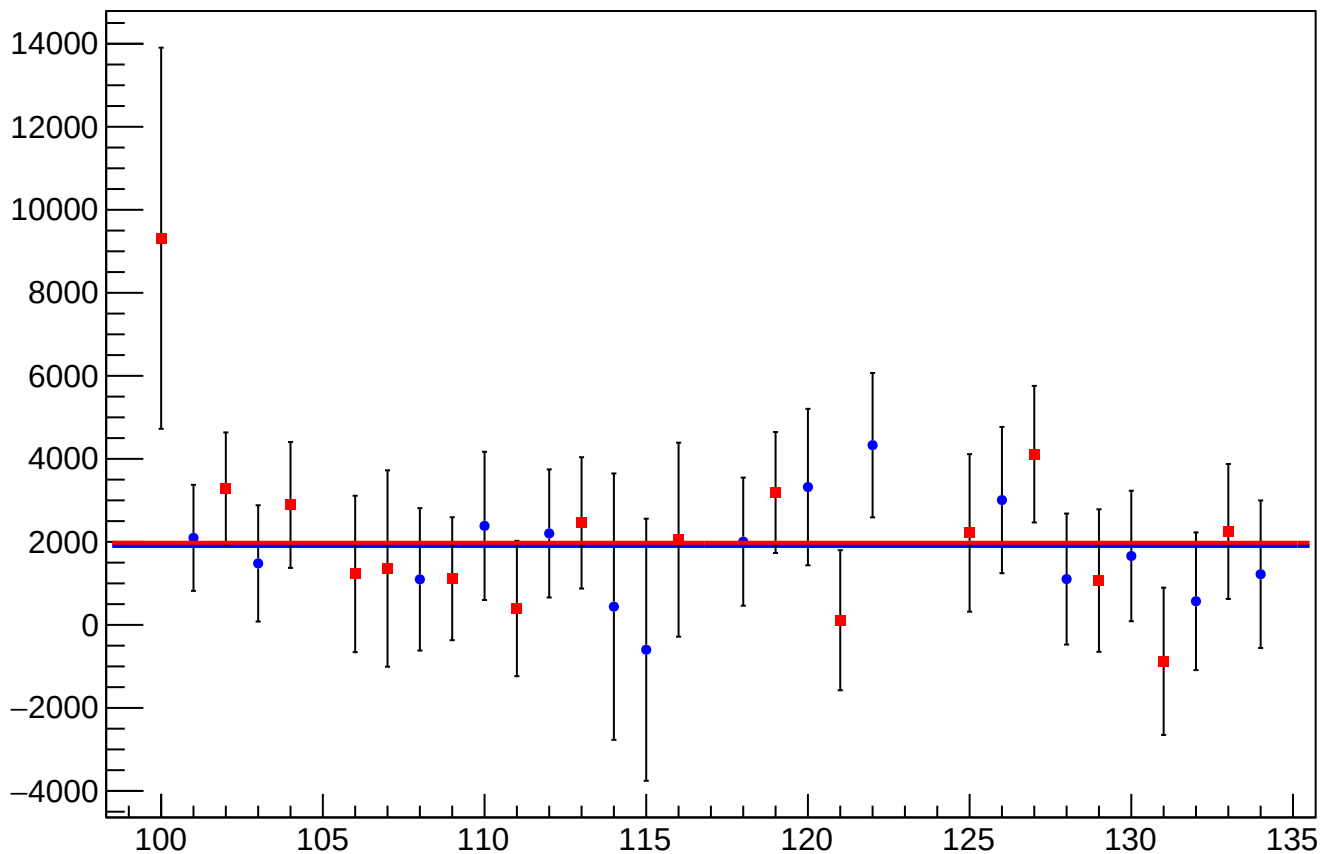
Right: 28.557+/-0.006 χ^2/NDF : 370437.3/30

In: 29.111+/-0.008 χ^2/NDF : 176753.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.557+/-0.006 χ^2/NDF : 370437.3/30

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

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

Right Out: 1979.021+/-430.085 χ^2 /NDF: 12.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

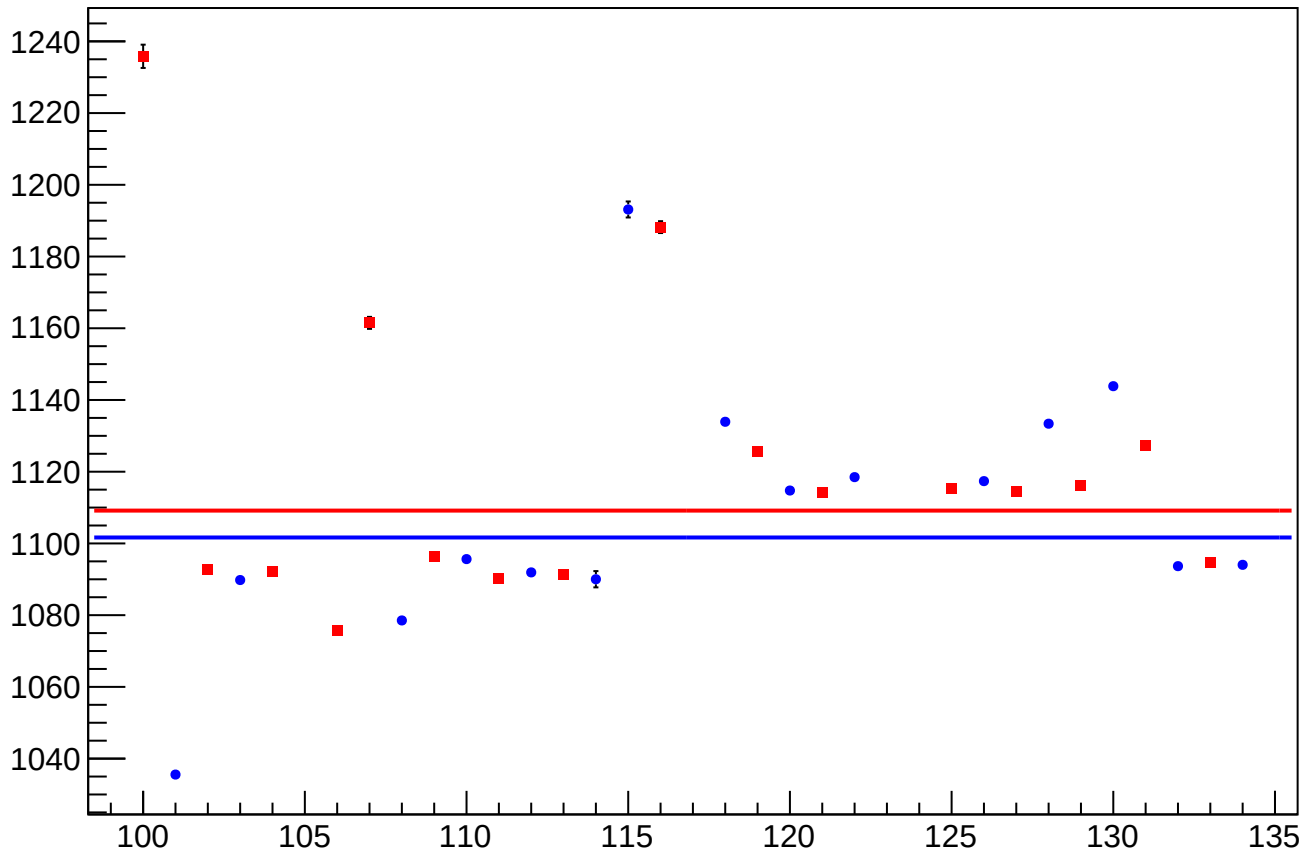
Right: 1941.296+/-306.560 χ^2 /NDF: 17.2/30

In: 1902.333+/-437.081 χ^2 /NDF:5.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1941.296+/-306.560 χ^2 /NDF: 17.2/30

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

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

Right Out: 1109.157+/-0.304 χ^2/NDF : 7348.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

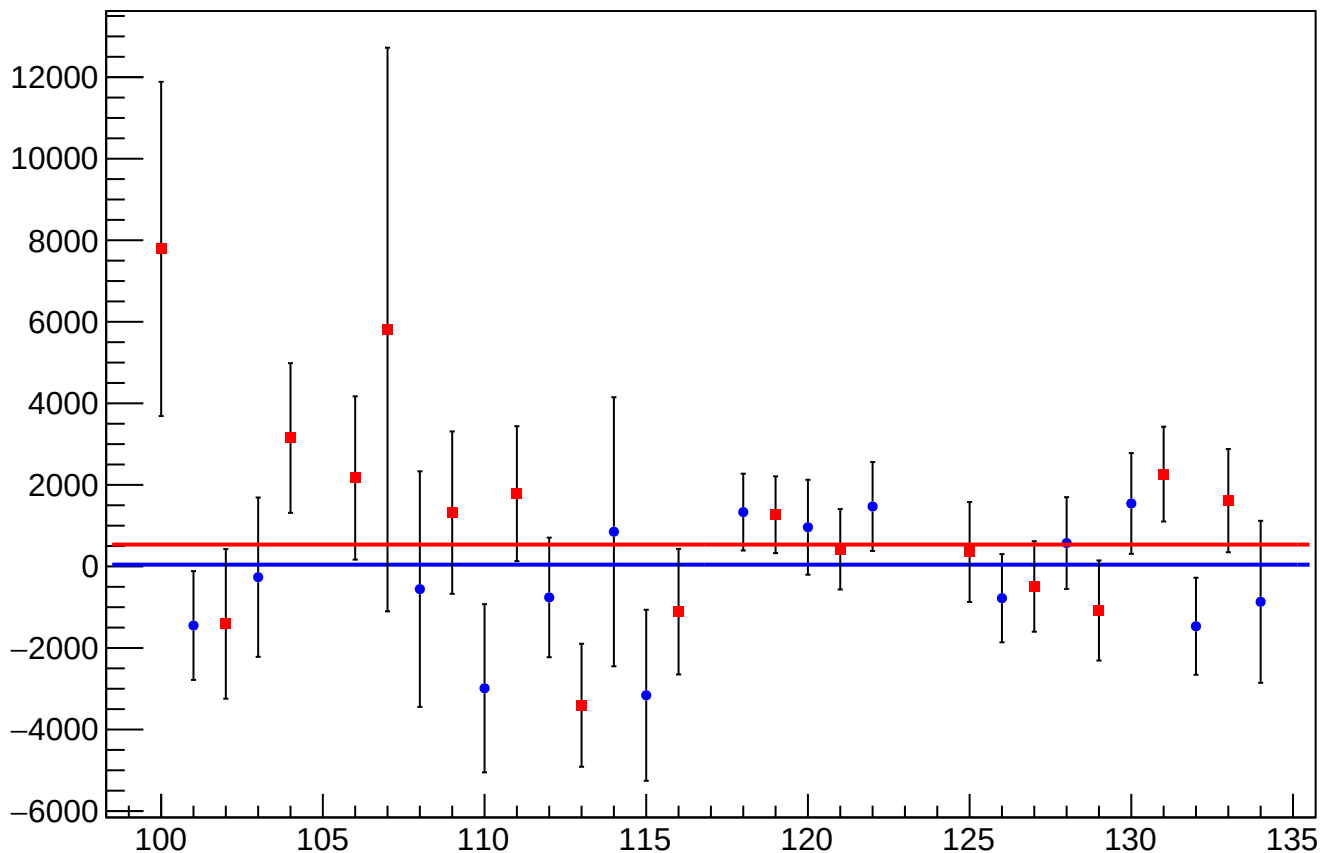
Right: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: 43.387+/-355.188 χ^2/NDF : 14.5/14

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

Right Out: 536.573+/-352.194 χ^2/NDF : 22.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

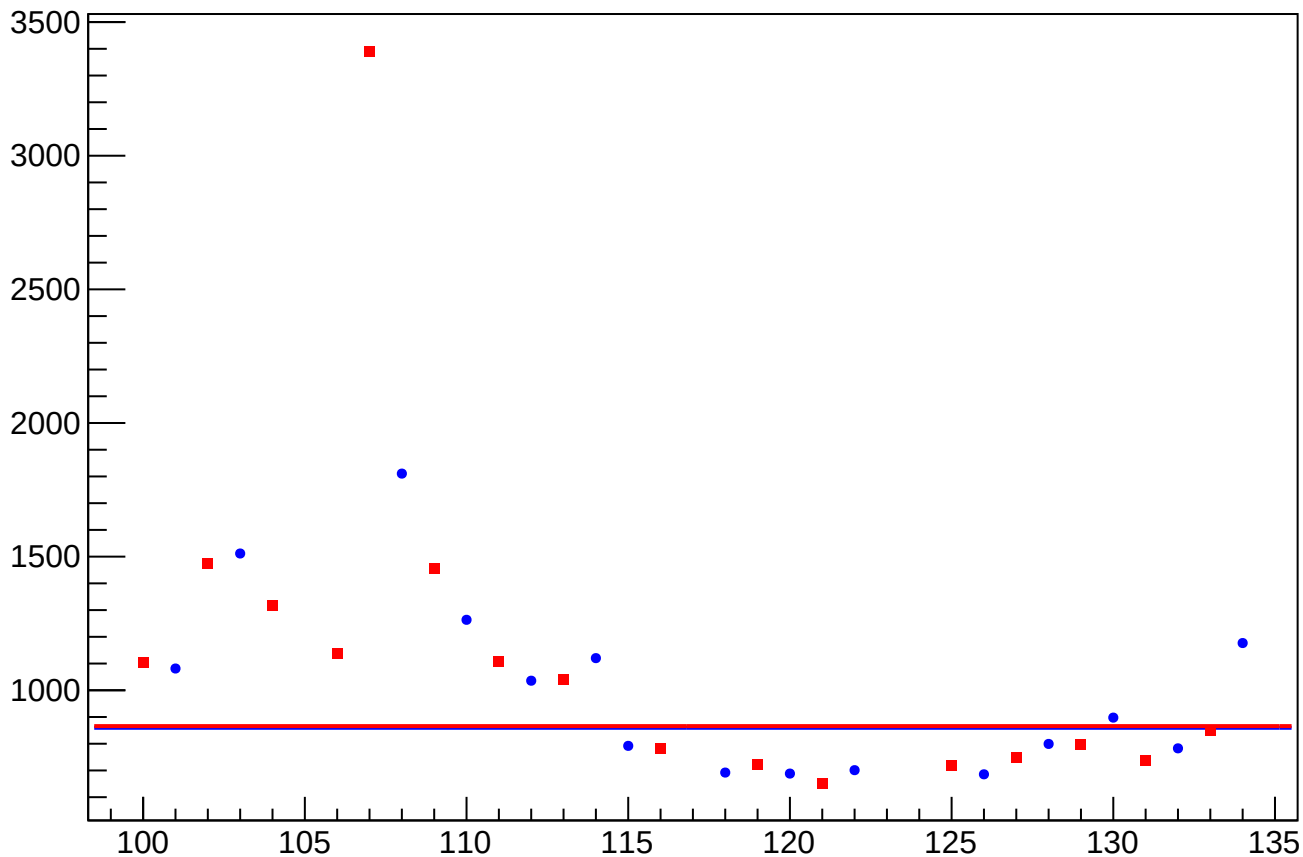
Right: 292.067+/-250.090 χ^2/NDF : 37.8/30

In: 43.387+/-355.188 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.067+/-250.090 χ^2/NDF : 37.8/30

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 859.716+/-0.251 χ^2/NDF : 882359.5/14

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

Right Out: 865.920+/-0.249 χ^2/NDF : 1122712.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

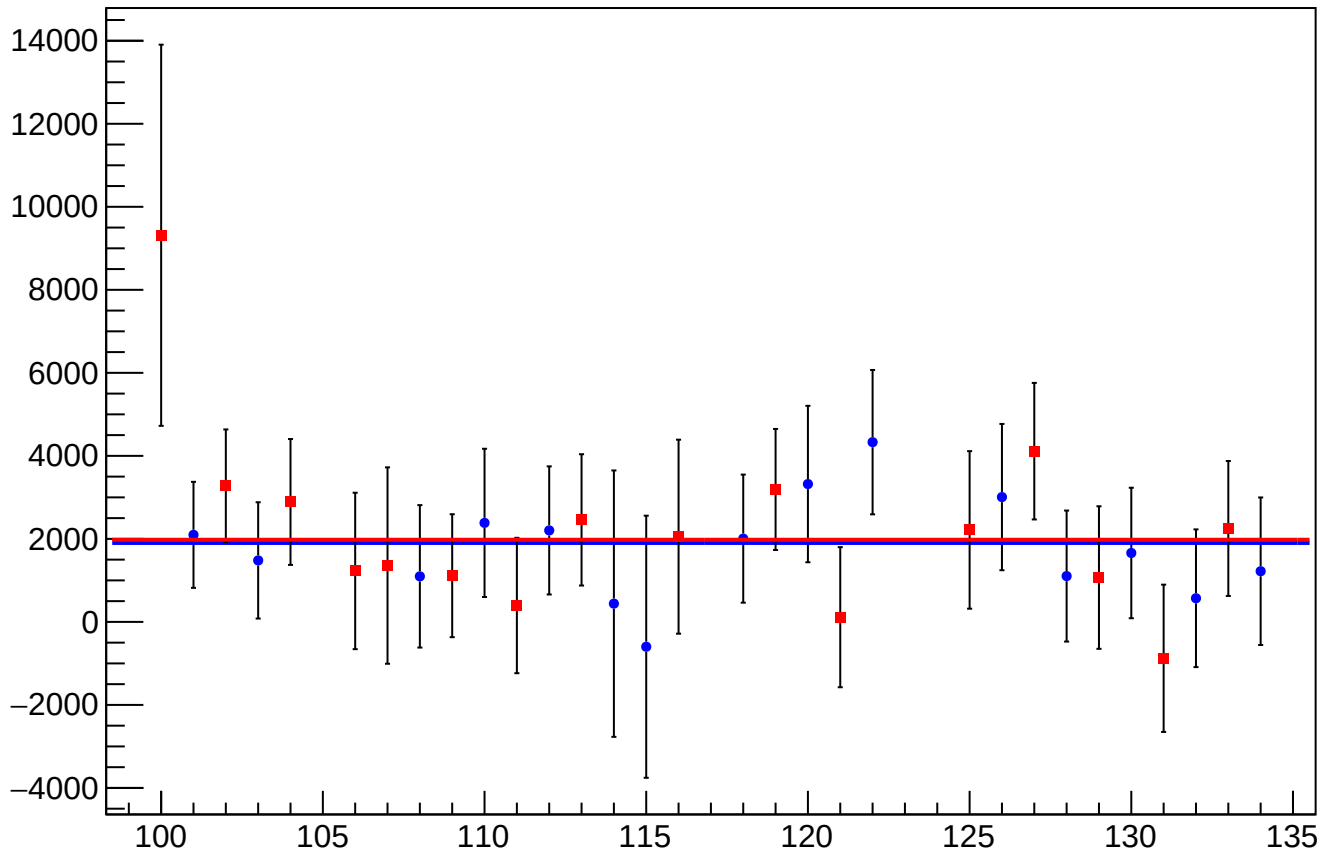
Right: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

In: 859.716+/-0.251 χ^2/NDF :882359.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

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

Right Out: 1979.021+/-430.085 χ^2 /NDF: 12.0/15

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

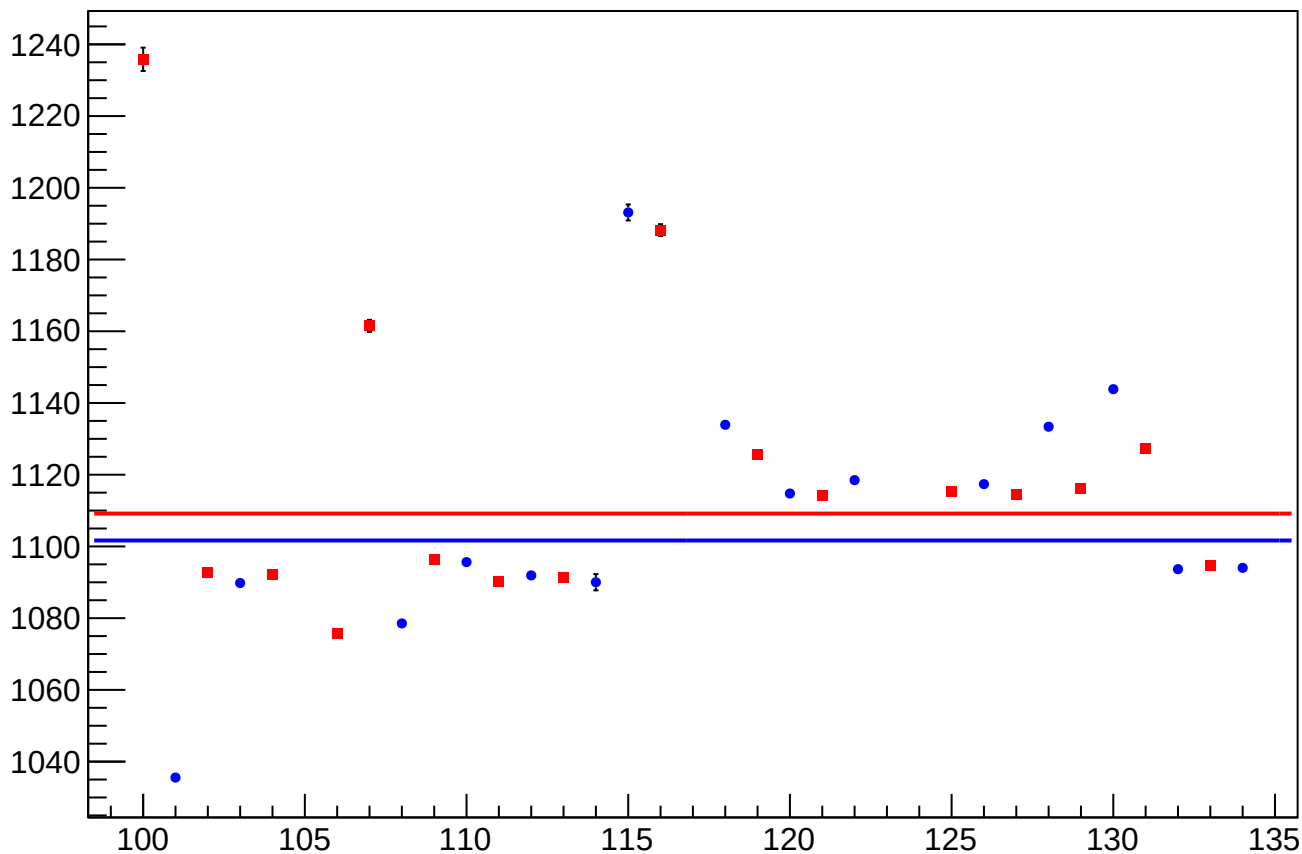
Right: 1941.296+/-306.560 χ^2 /NDF: 17.2/30

In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1941.296+/-306.560 χ^2 /NDF: 17.2/30

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

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

Right Out: 1109.157+/-0.304 χ^2/NDF : 7348.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

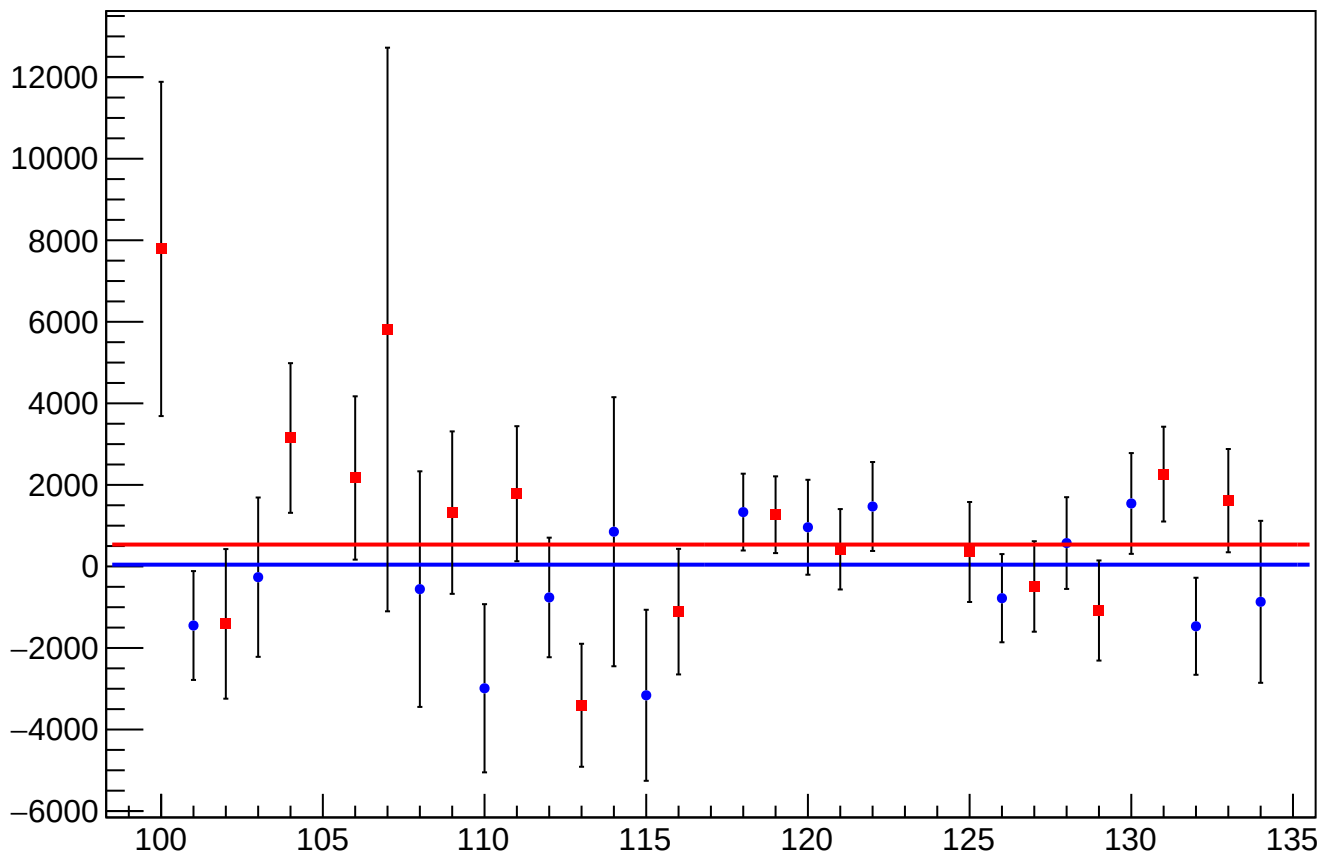
Right: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: 43.387+/-355.188 χ^2/NDF : 14.5/14

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

Right Out: 536.573+/-352.194 χ^2/NDF : 22.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

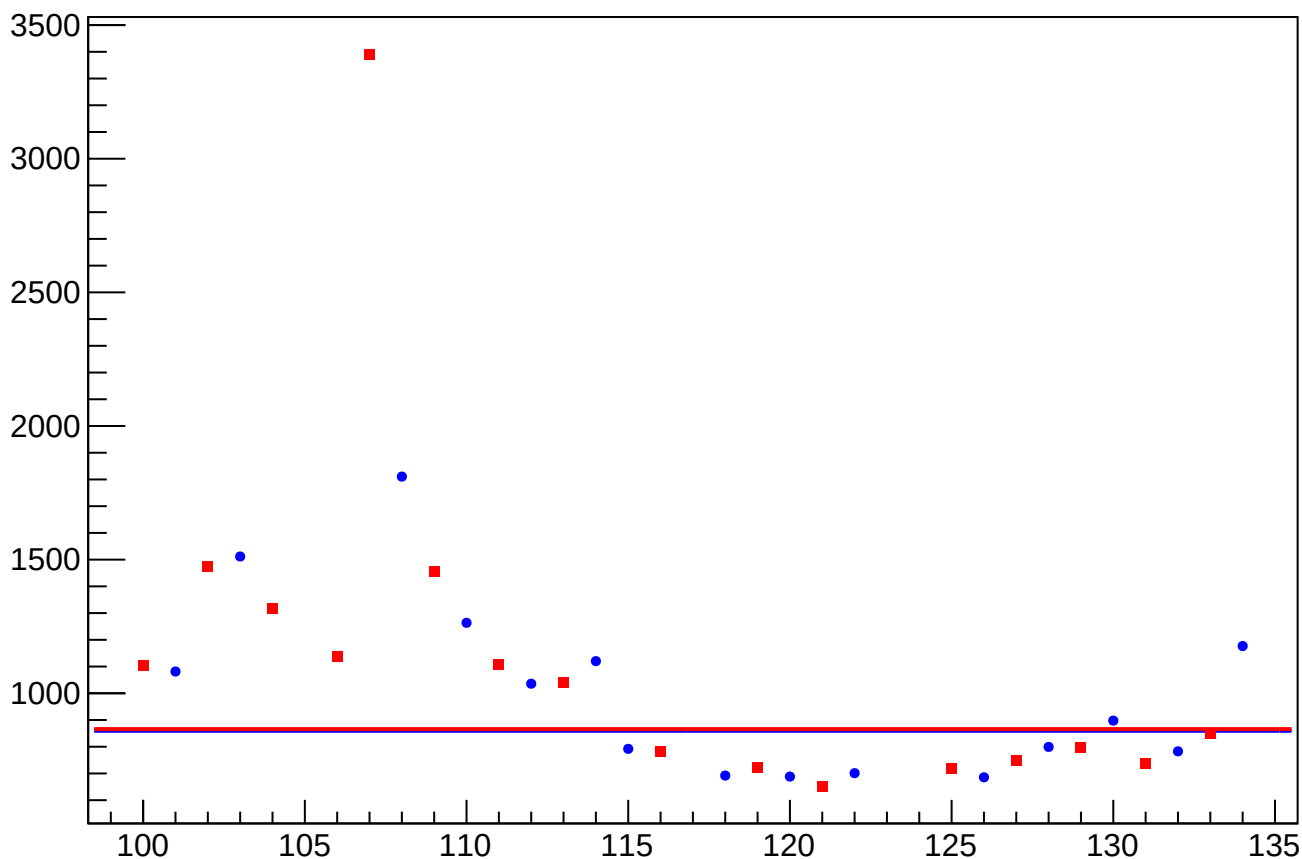
Right: 292.067+/-250.090 χ^2/NDF : 37.8/30

In: 43.387+/-355.188 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.067+/-250.090 χ^2/NDF : 37.8/30

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 859.716+/-0.251 χ^2/NDF : 882359.5/14

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

Right Out: 865.920+/-0.249 χ^2/NDF : 1122712.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

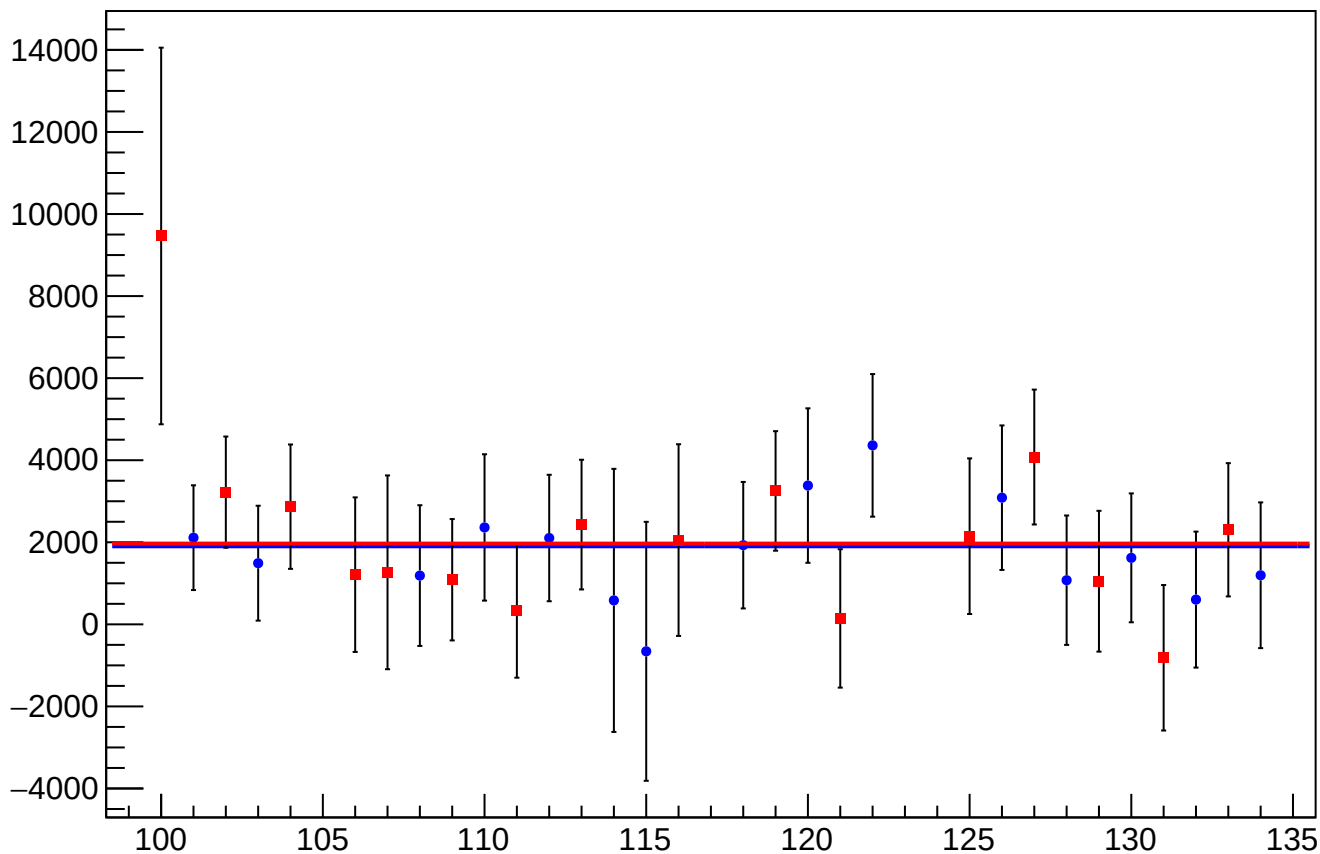
Right: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

In: 859.716+/-0.251 χ^2/NDF :882359.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1902.731+/-436.729 χ^2/NDF : 5.4/14

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

Right Out: 1967.724+/-429.730 χ^2/NDF : 12.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

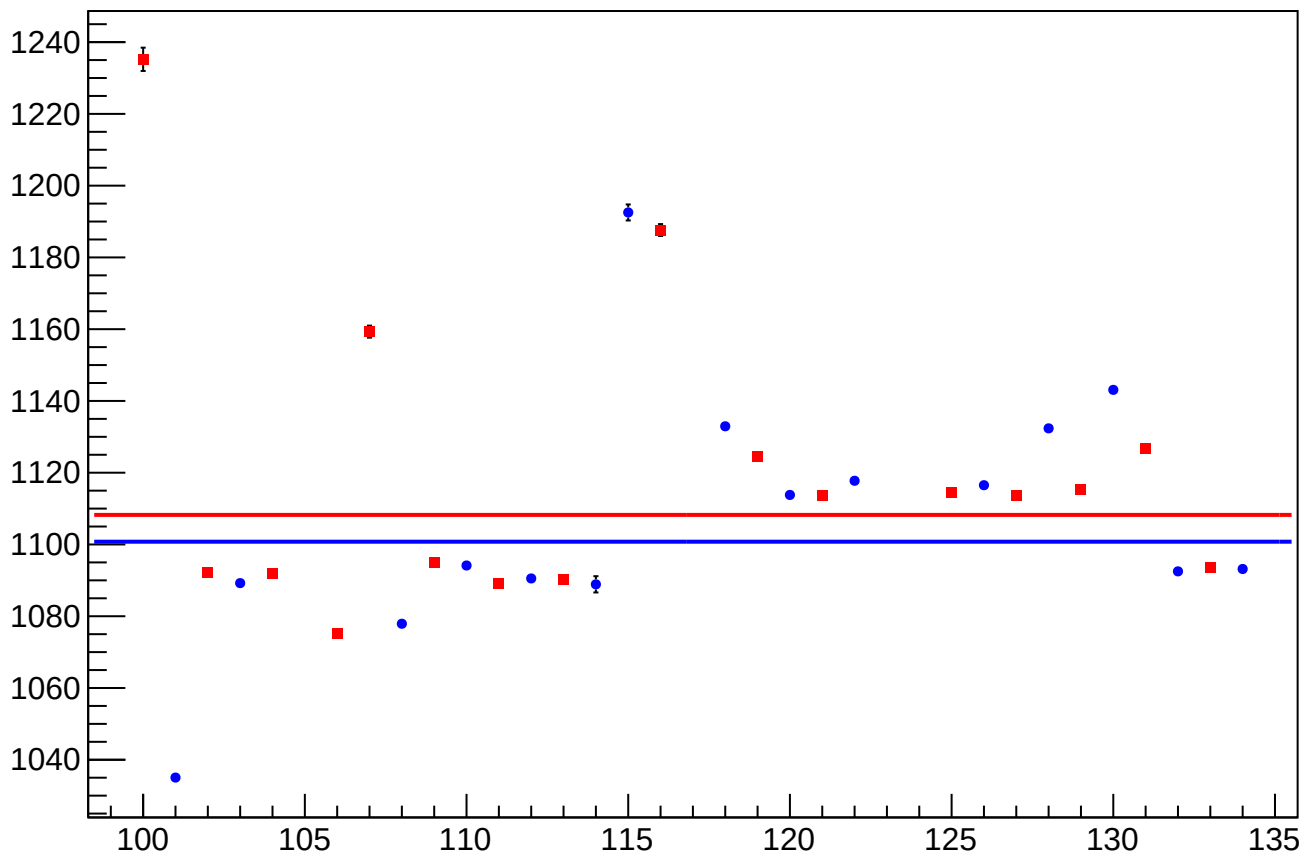
Right: 1935.752+/-306.310 χ^2/NDF : 17.3/30

In: 1902.731+/-436.729 χ^2/NDF : 5.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1935.752+/-306.310 χ^2/NDF : 17.3/30

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1100.773+/-0.309 χ^2/NDF : 11288.4/14

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

Right Out: 1108.242+/-0.304 χ^2/NDF : 7337.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

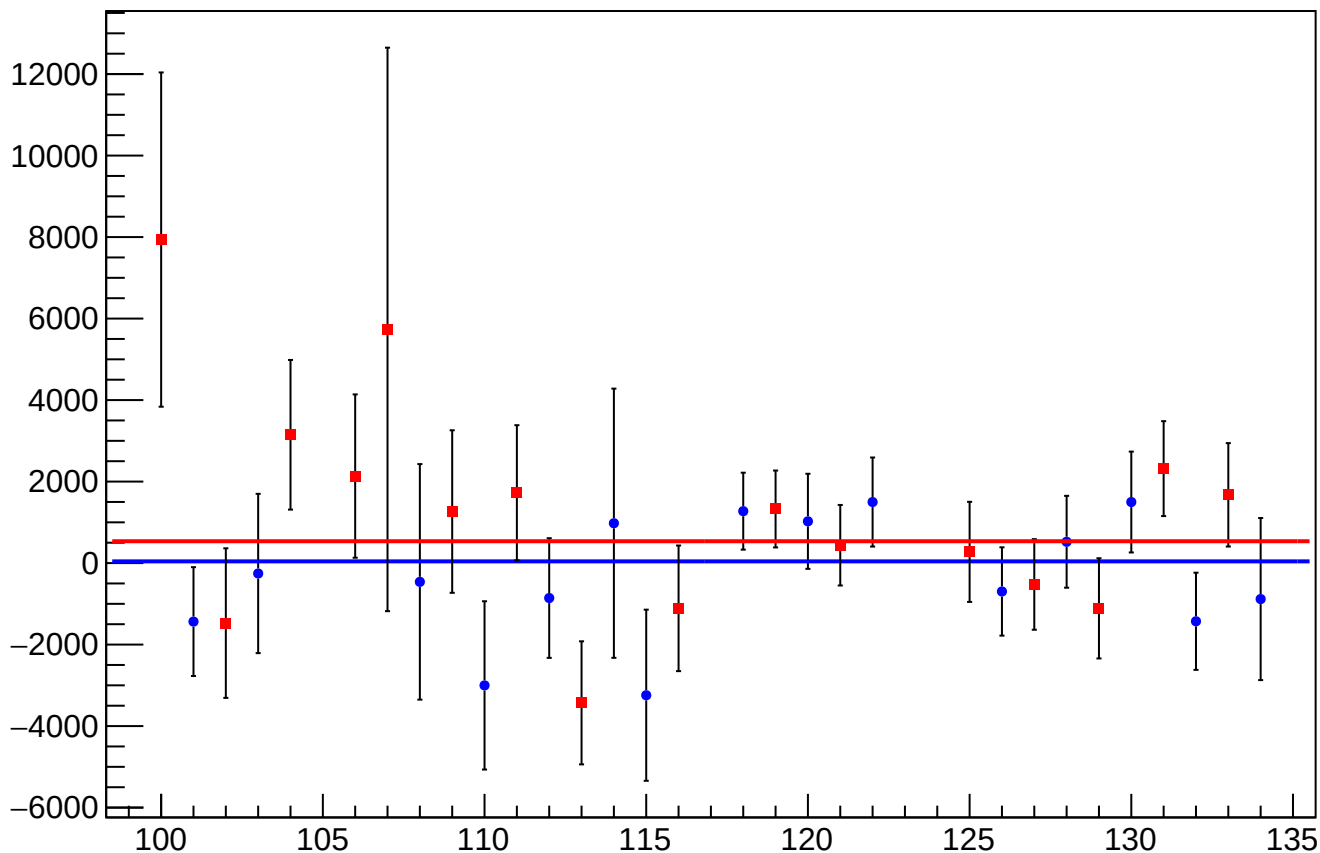
Right: 1104.568+/-0.217 χ^2/NDF : 18922.8/30

In: 1100.773+/-0.309 χ^2/NDF : 11288.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.568+/-0.217 χ^2/NDF : 18922.8/30

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.970+/-355.758 χ^2/NDF : 14.3/14

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

Right Out: 536.025+/-352.726 χ^2/NDF : 23.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

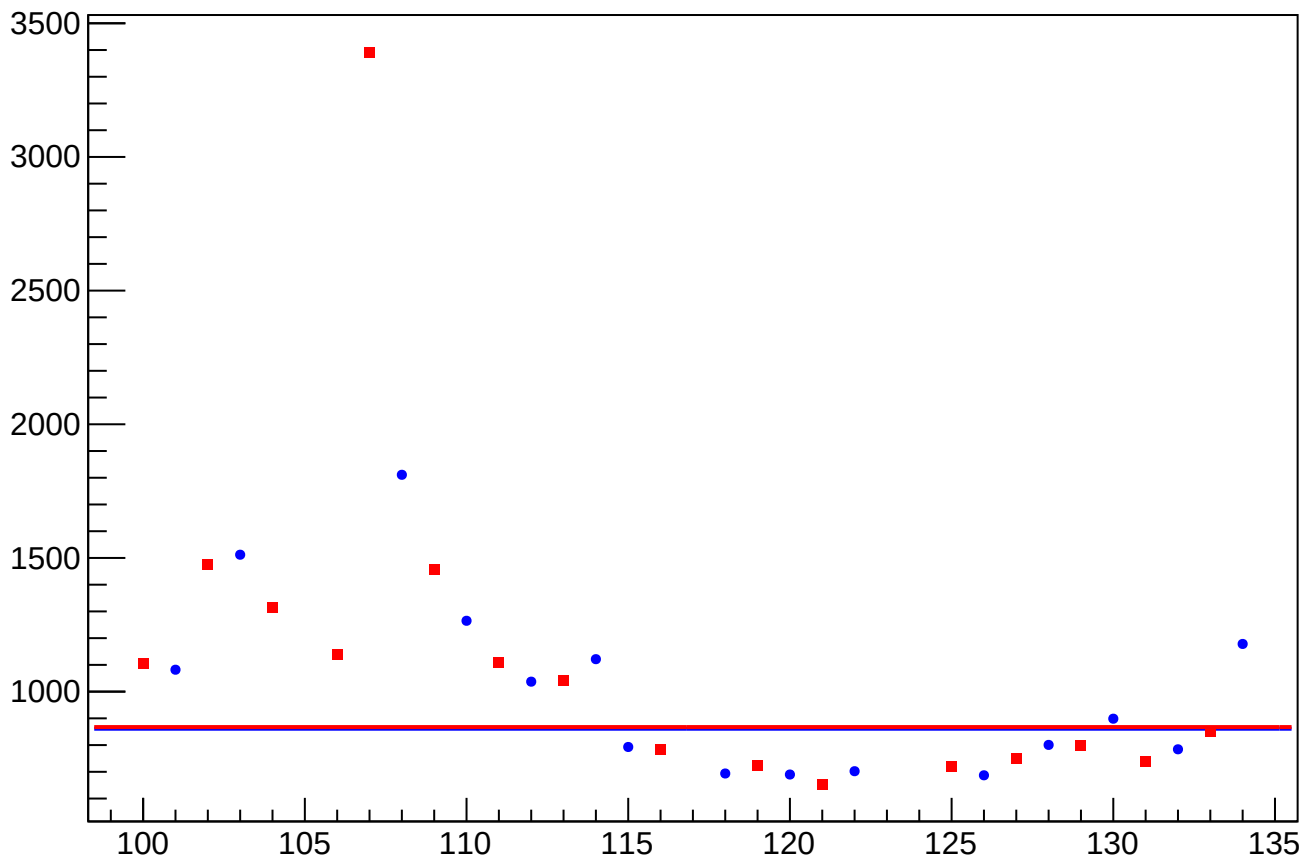
Right: 291.112+/-250.480 χ^2/NDF : 38.3/30

In: 41.970+/-355.758 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.112+/-250.480 χ^2/NDF : 38.3/30

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 861.231+/-0.252 χ^2/NDF : 879122.4/14

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

Right Out: 867.360+/-0.249 χ^2/NDF : 1119373.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

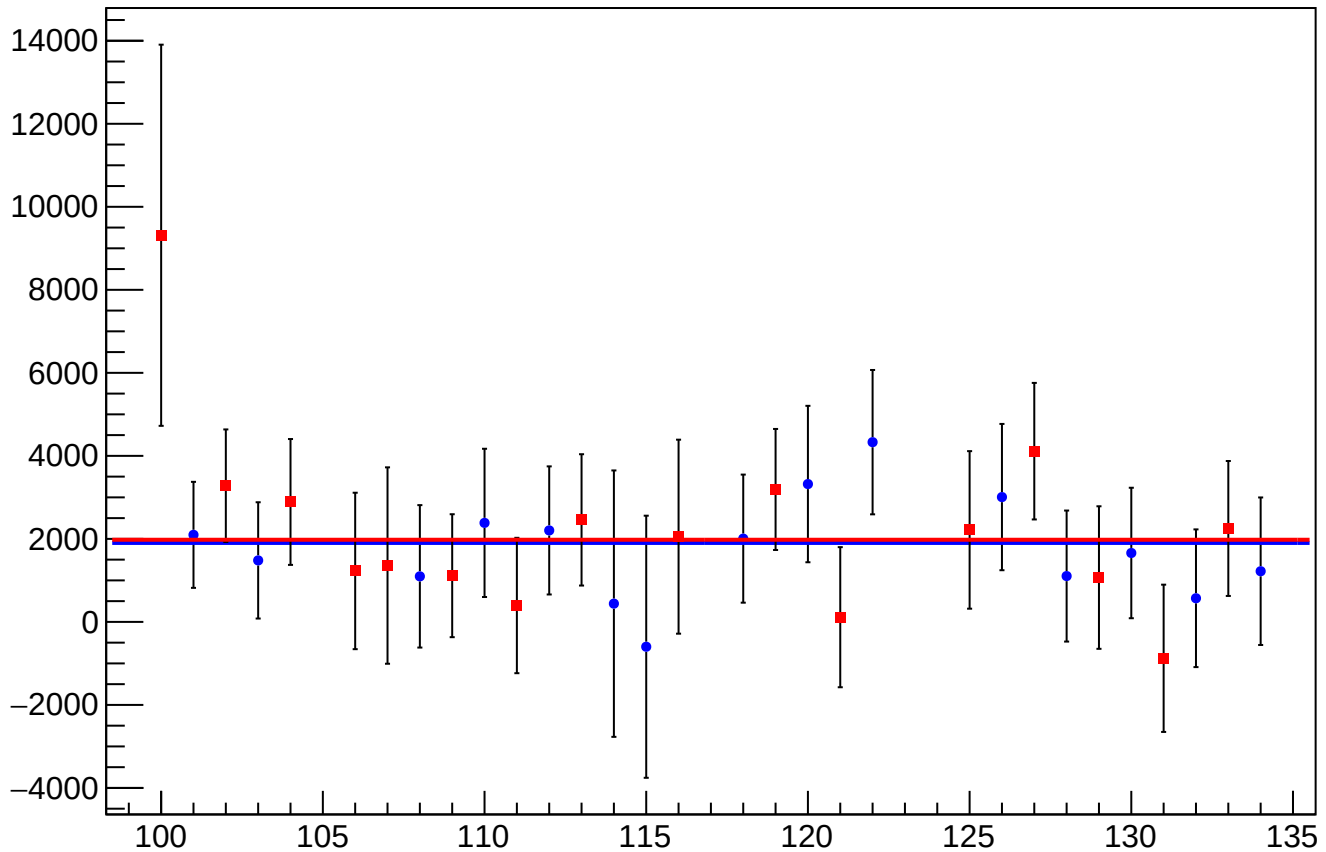
Right: 864.322+/-0.177 χ^2/NDF : 1998795.3/30

In: 861.231+/-0.252 χ^2/NDF : 879122.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.322+/-0.177 χ^2/NDF : 1998795.3/30

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

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

Right Out: 1979.021+/-430.085 χ^2 /NDF: 12.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

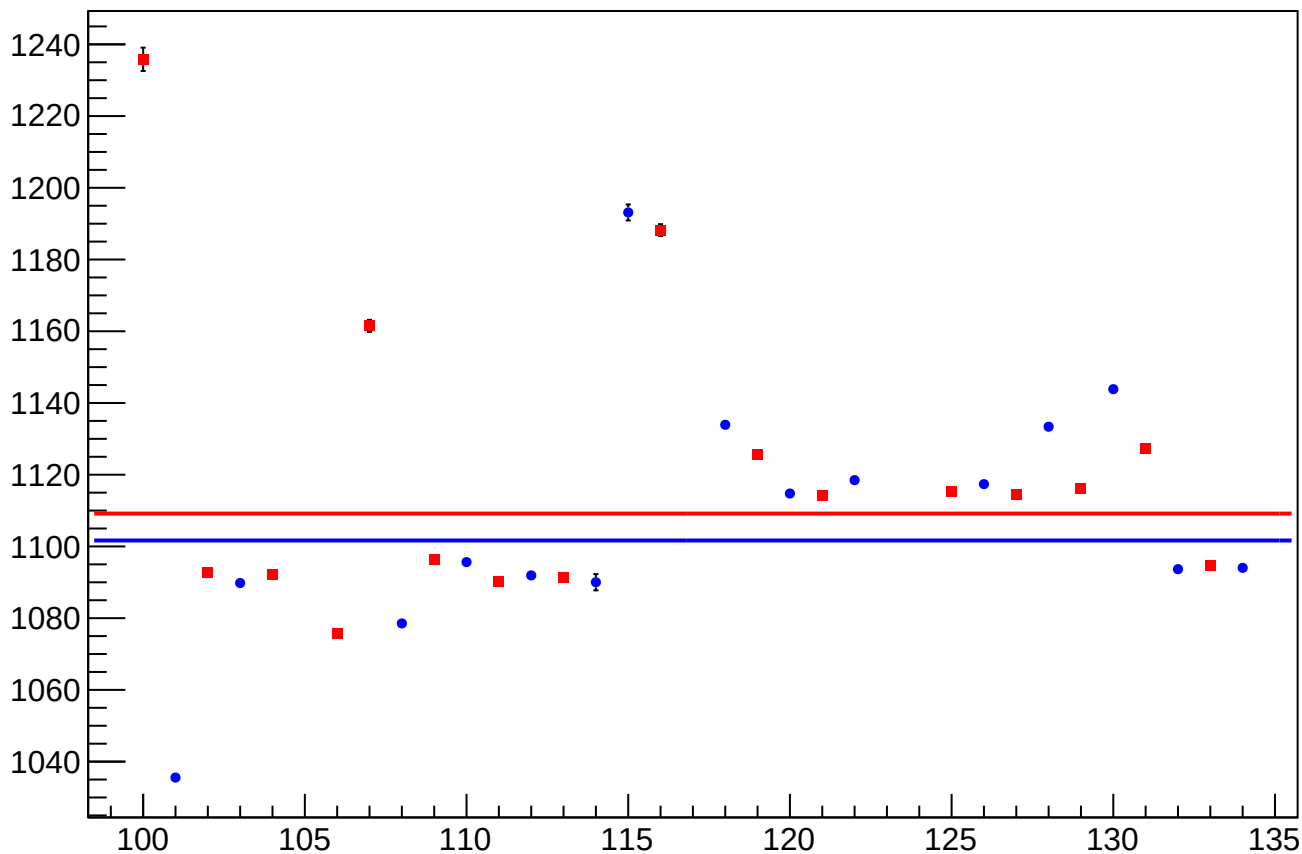
Right: 1941.296+/-306.560 χ^2 /NDF: 17.2/30

In: 1902.333+/-437.081 χ^2 /NDF:5.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1941.296+/-306.560 χ^2 /NDF: 17.2/30

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

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

Right Out: 1109.157+/-0.304 χ^2/NDF : 7348.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

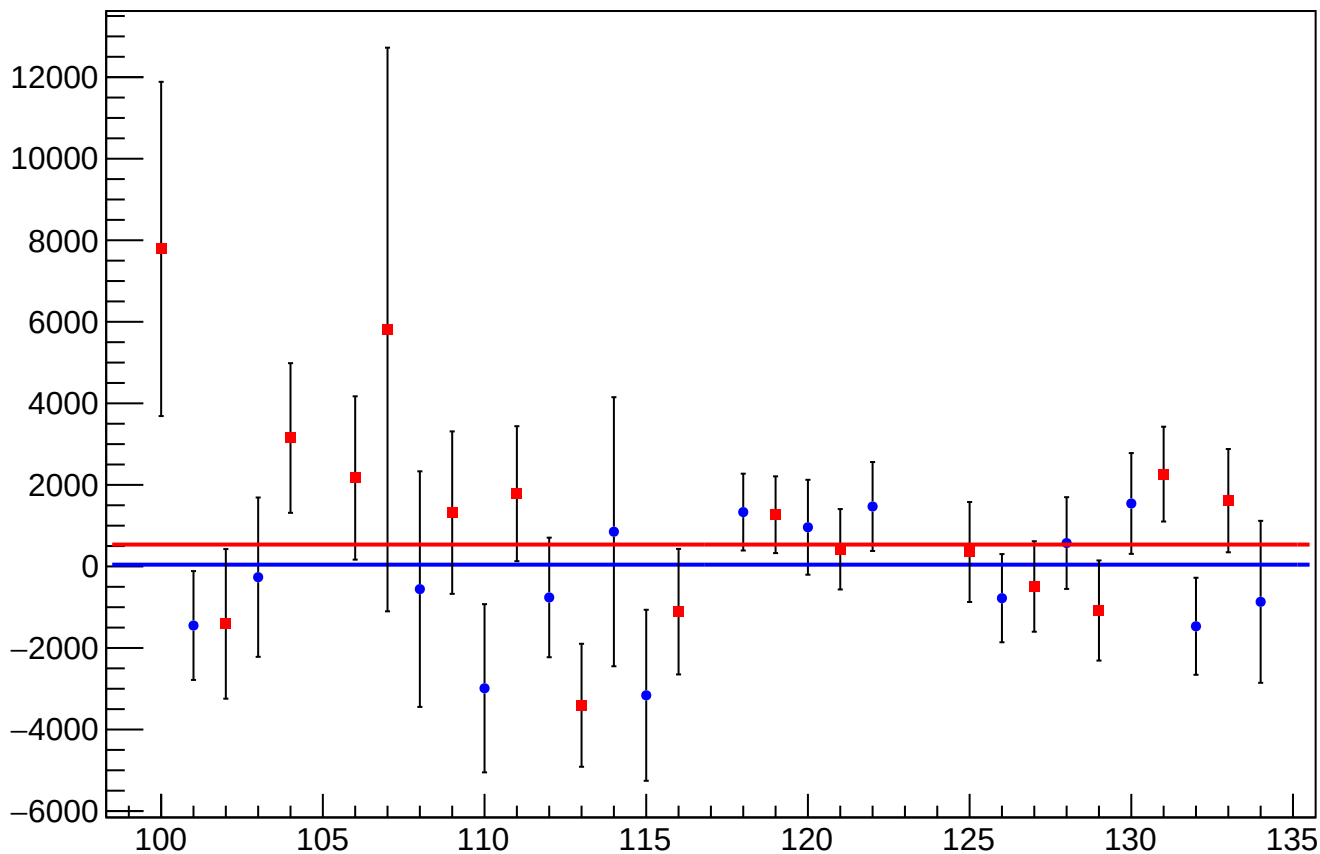
Right: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 43.387+/-355.188 χ^2/NDF : 14.5/14

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

Right Out: 536.573+/-352.194 χ^2/NDF : 22.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

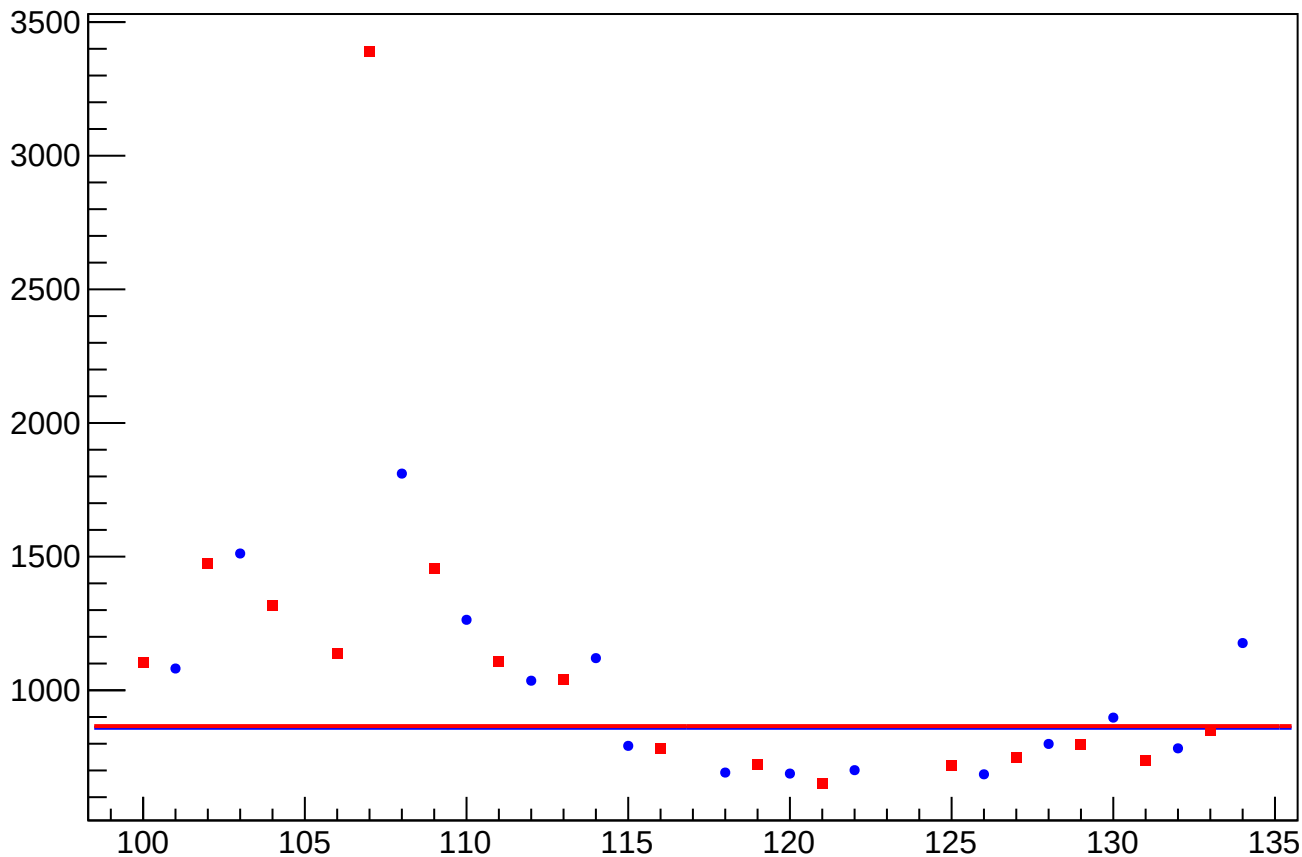
Right: 292.067+/-250.090 χ^2/NDF : 37.8/30

In: 43.387+/-355.188 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.067+/-250.090 χ^2/NDF : 37.8/30

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 859.716+/-0.251 χ^2/NDF : 882359.5/14

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

Right Out: 865.920+/-0.249 χ^2/NDF : 1122712.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

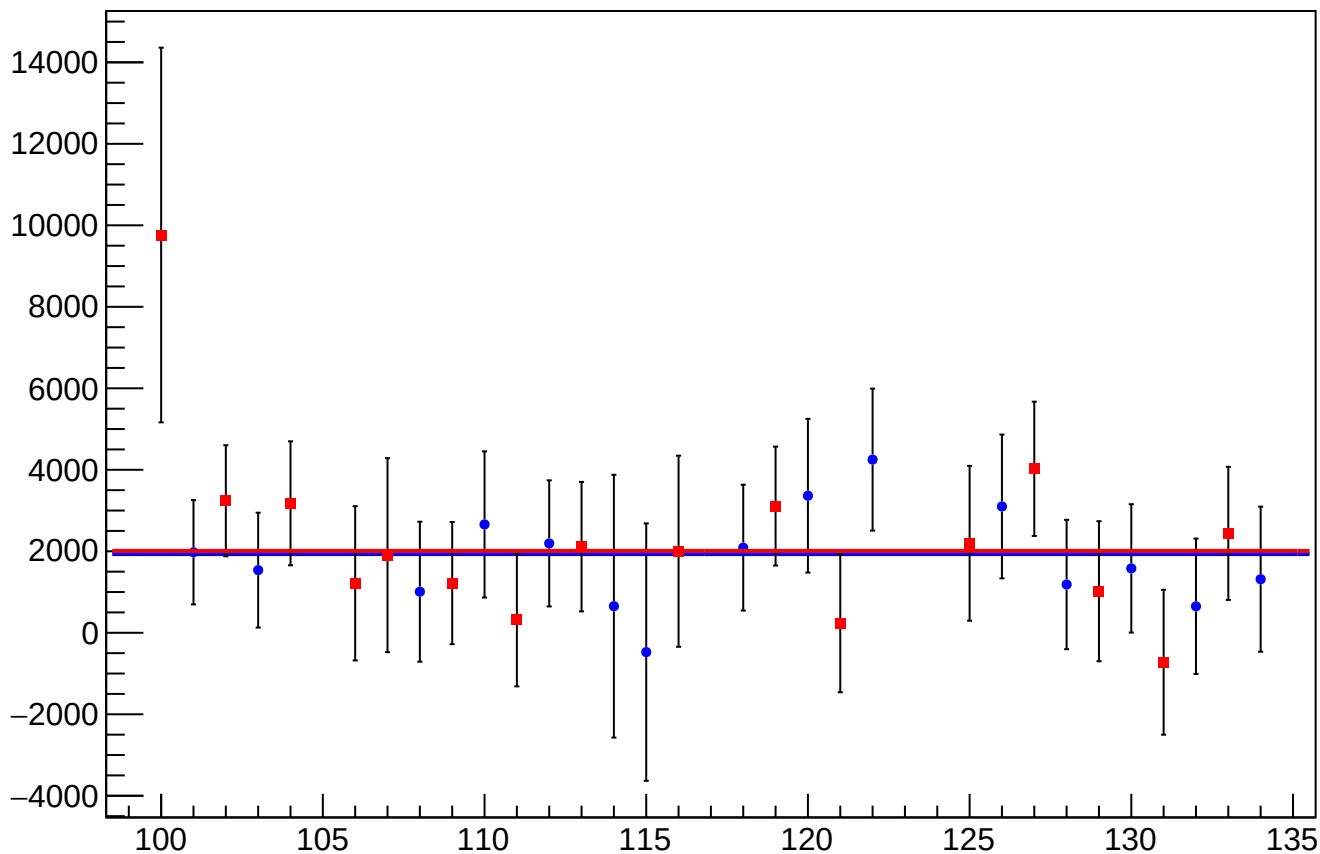
Right: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

In: 859.716+/-0.251 χ^2/NDF : 882359.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1931.478+/-438.274 χ^2/NDF : 5.1/14

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

Right Out: 2008.841+/-431.700 χ^2/NDF : 11.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

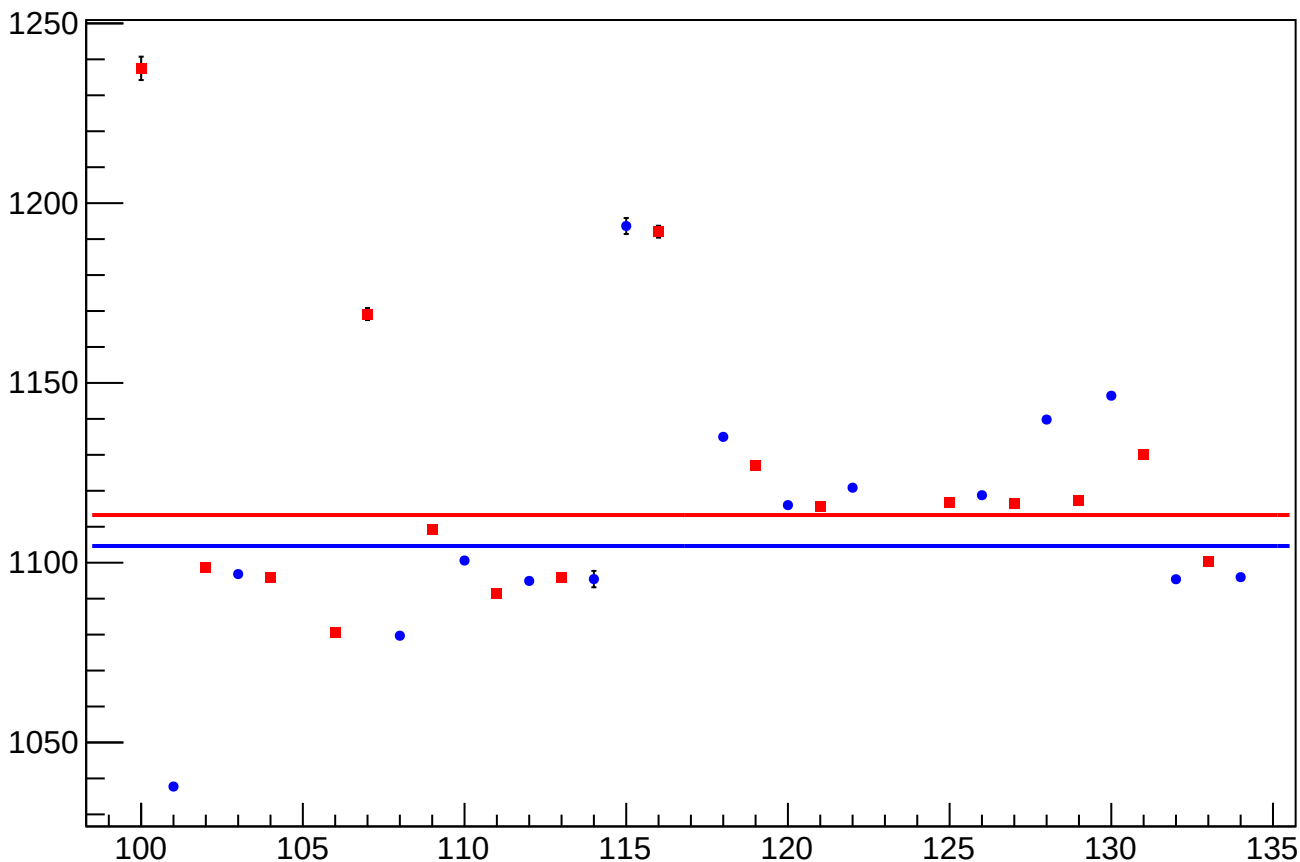
Right: 1970.744+/-307.556 χ^2/NDF : 16.8/30

In: 1931.478+/-438.274 χ^2/NDF : 5.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.744+/-307.556 χ^2/NDF : 16.8/30

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1104.647 $\pm$ 0.310 χ^2 /NDF: 11288.1/14

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

Right Out: 1113.259 $\pm$ 0.305 χ^2 /NDF: 7029.1/15

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

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

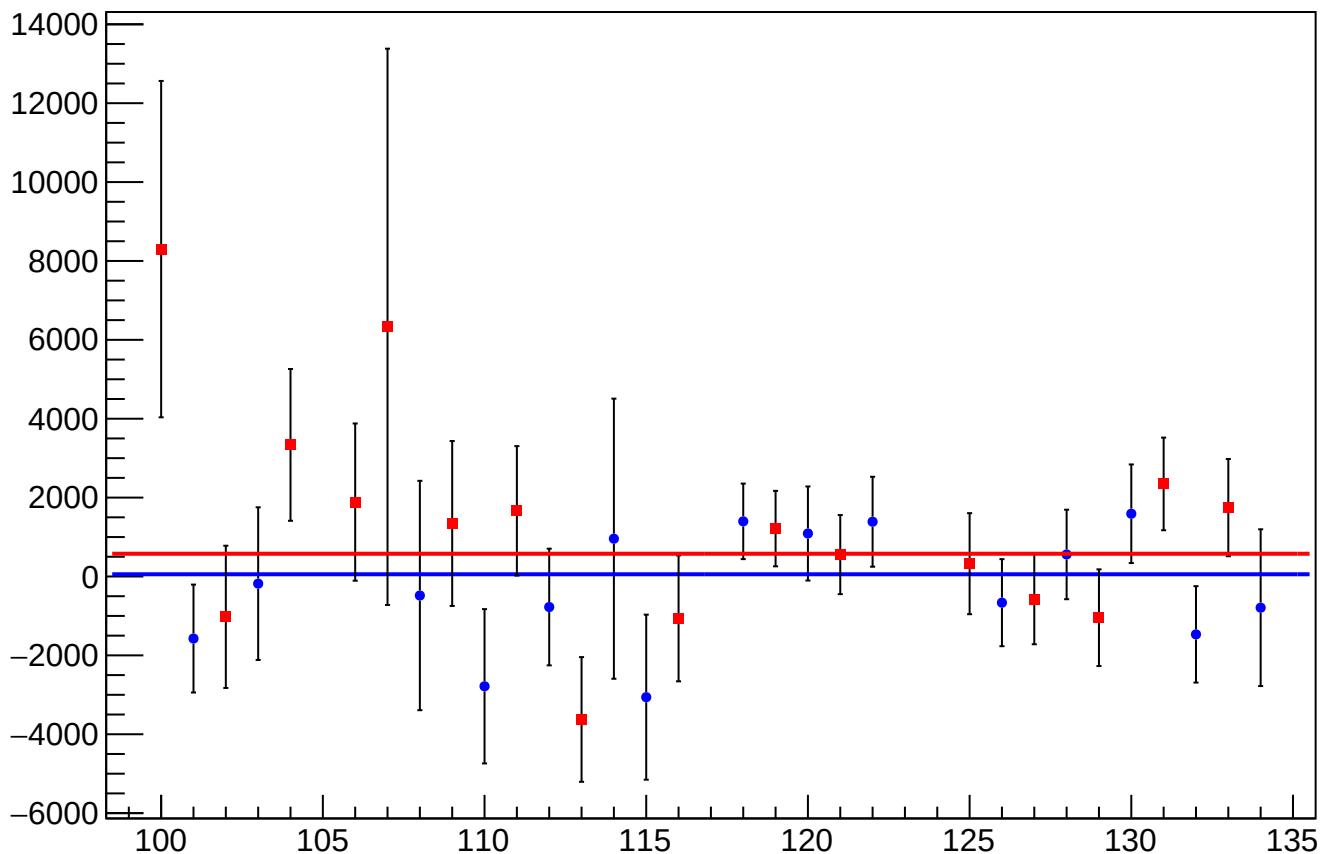
Right: 1109.018 $\pm$ 0.217 χ^2 /NDF: 18709.1/30

In: 1104.647 $\pm$ 0.310 χ^2 /NDF:11288.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1109.018 $\pm$ 0.217 χ^2 /NDF: 18709.1/30

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 56.370+/-361.110 χ^2/NDF : 14.1/14

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

Right Out: 576.220+/-357.927 χ^2/NDF : 22.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

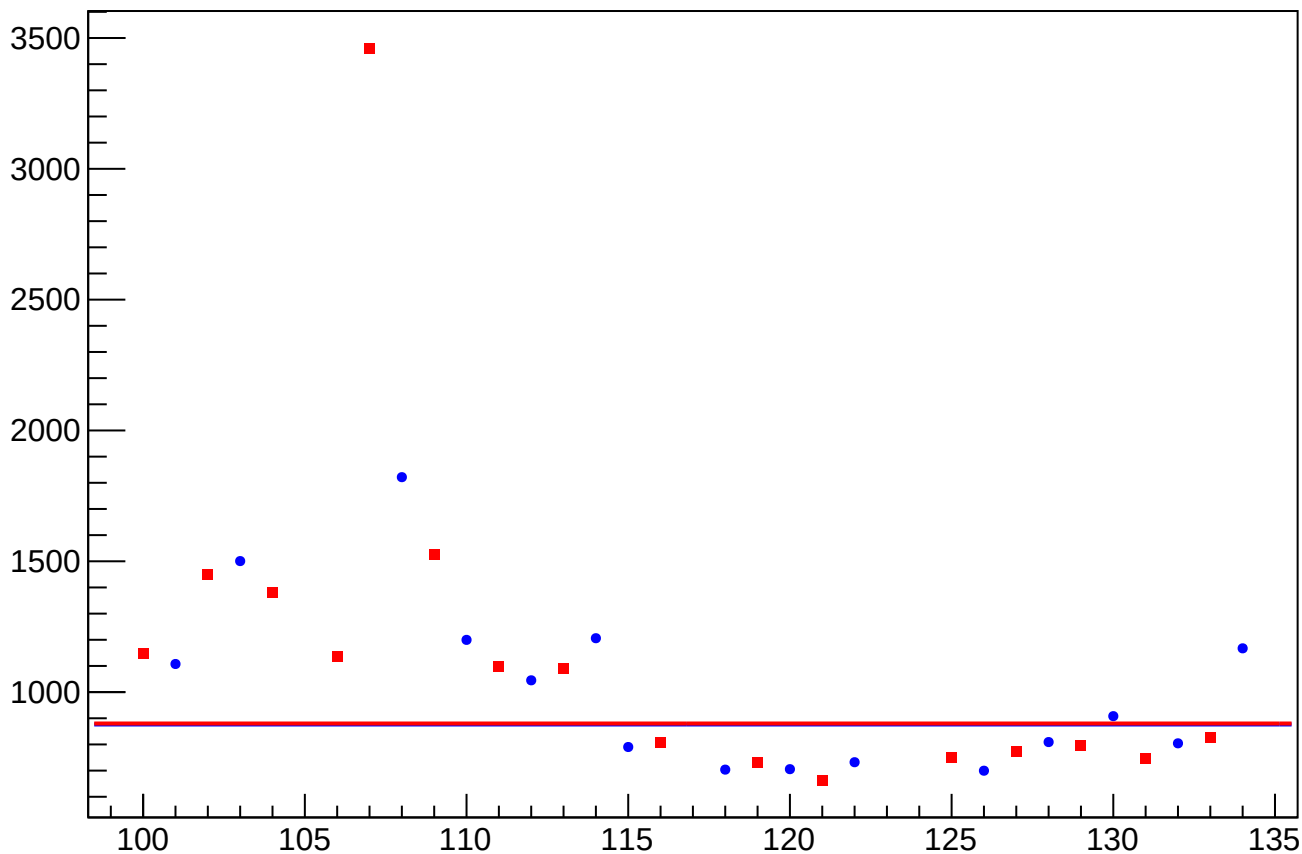
Right: 318.597+/-254.210 χ^2/NDF : 37.5/30

In: 56.370+/-361.110 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.597+/-254.210 χ^2/NDF : 37.5/30

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 876.272+/-0.255 χ^2/NDF : 825470.4/14

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

Right Out: 880.031+/-0.253 χ^2/NDF : 1128670.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

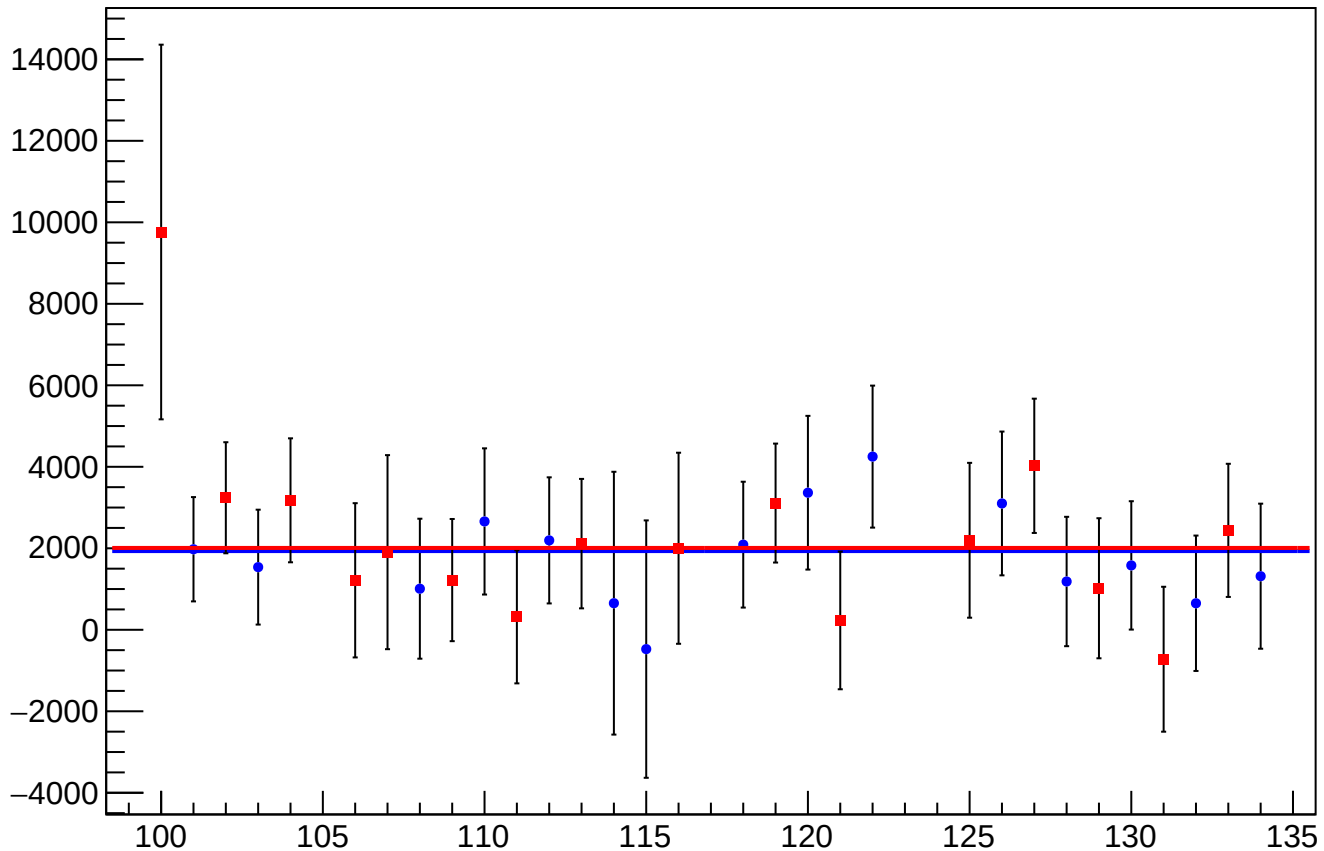
Right: 878.168+/-0.180 χ^2/NDF : 1954250.3/30

In: 876.272+/-0.255 χ^2/NDF : 825470.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.168+/-0.180 χ^2/NDF : 1954250.3/30

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1931.478+/-438.274 χ^2/NDF : 5.1/14

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

Right Out: 2008.838+/-431.700 χ^2/NDF : 11.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

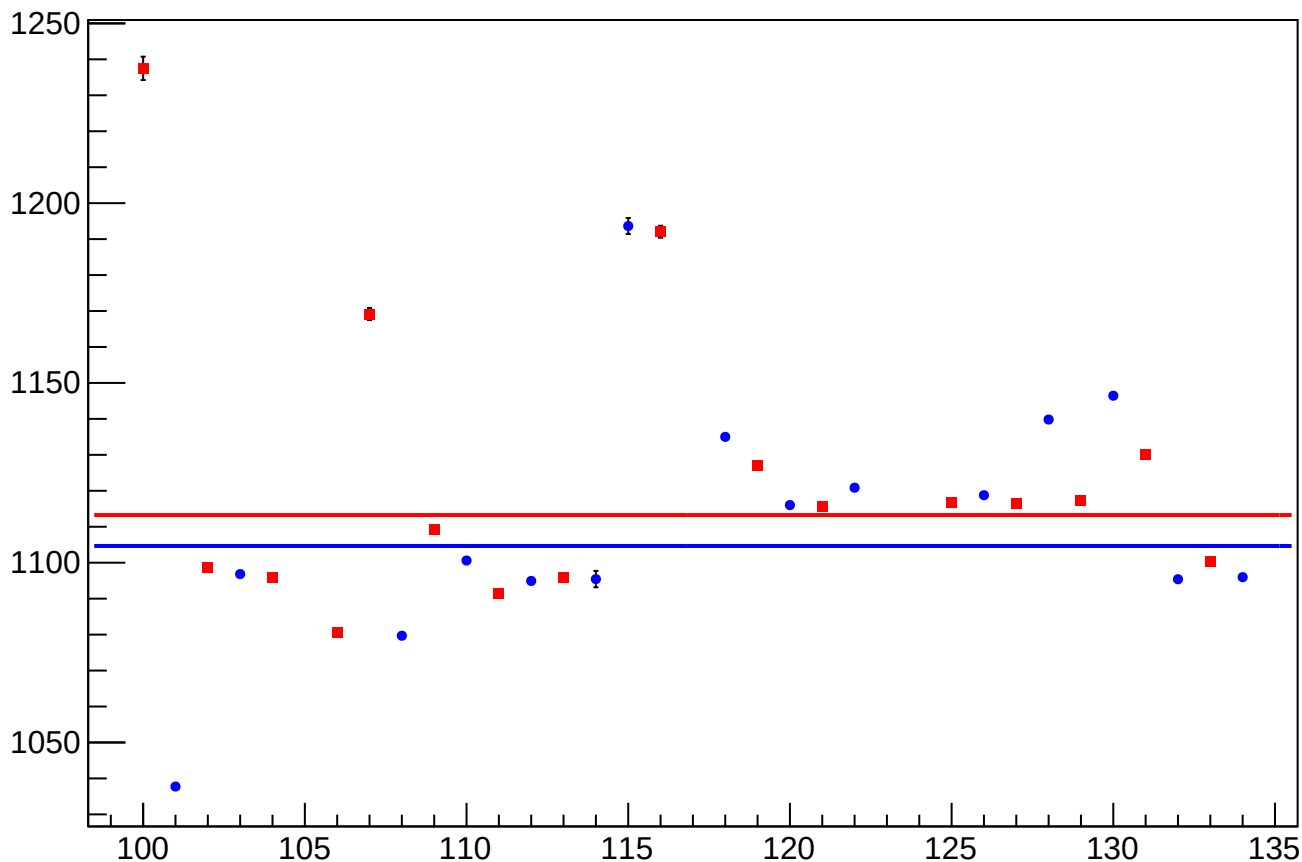
Right: 1970.743+/-307.556 χ^2/NDF : 16.8/30

In: 1931.478+/-438.274 χ^2/NDF : 5.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.743+/-307.556 χ^2/NDF : 16.8/30

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1104.647 $\pm$ 0.310 χ^2 /NDF: 11288.1/14

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

Right Out: 1113.259 $\pm$ 0.305 χ^2 /NDF: 7029.0/15

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

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

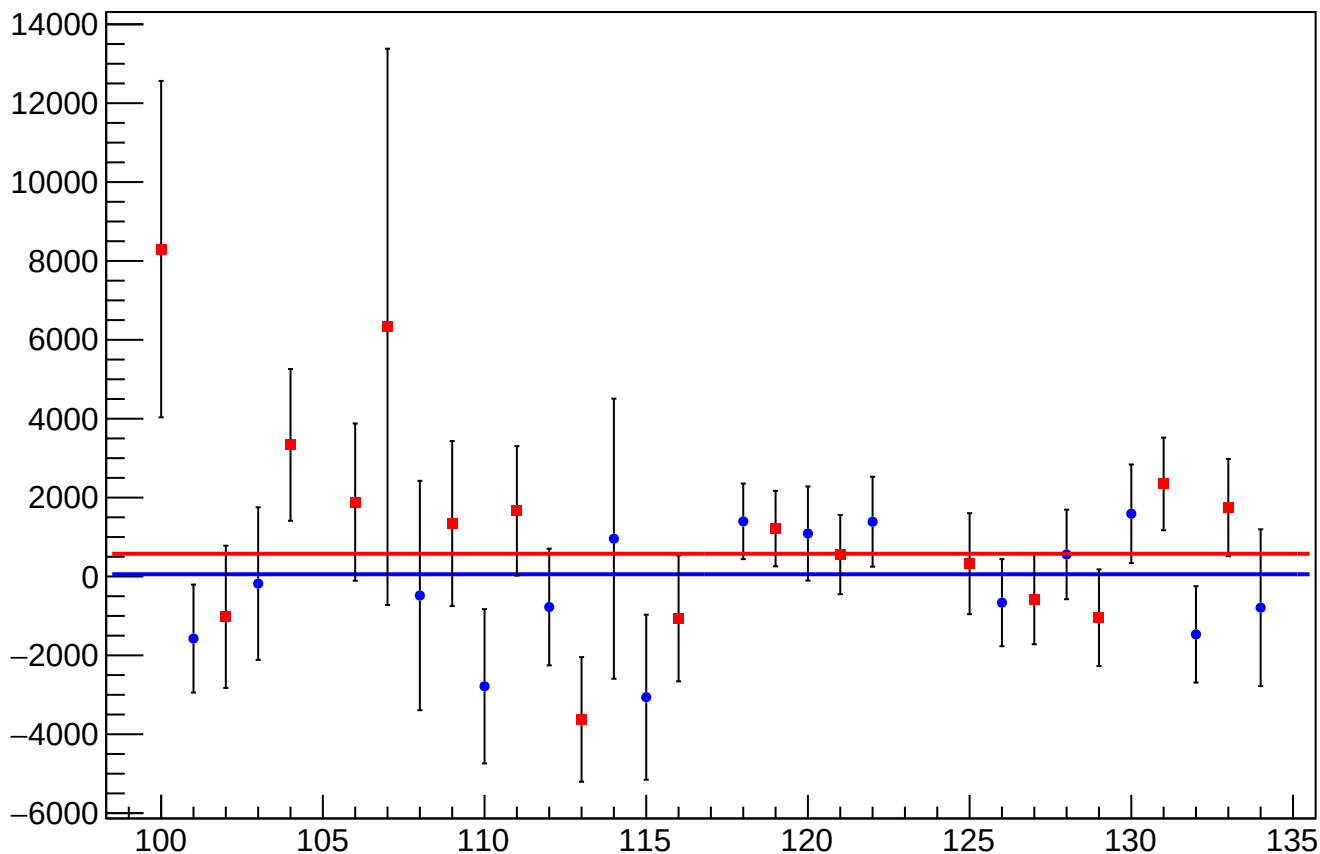
Right: 1109.018 $\pm$ 0.217 χ^2 /NDF: 18709.0/30

In: 1104.647 $\pm$ 0.310 χ^2 /NDF:11288.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1109.018 $\pm$ 0.217 χ^2 /NDF: 18709.0/30

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 56.371+/-361.109 χ^2/NDF : 14.1/14

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

Right Out: 576.219+/-357.926 χ^2/NDF : 22.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

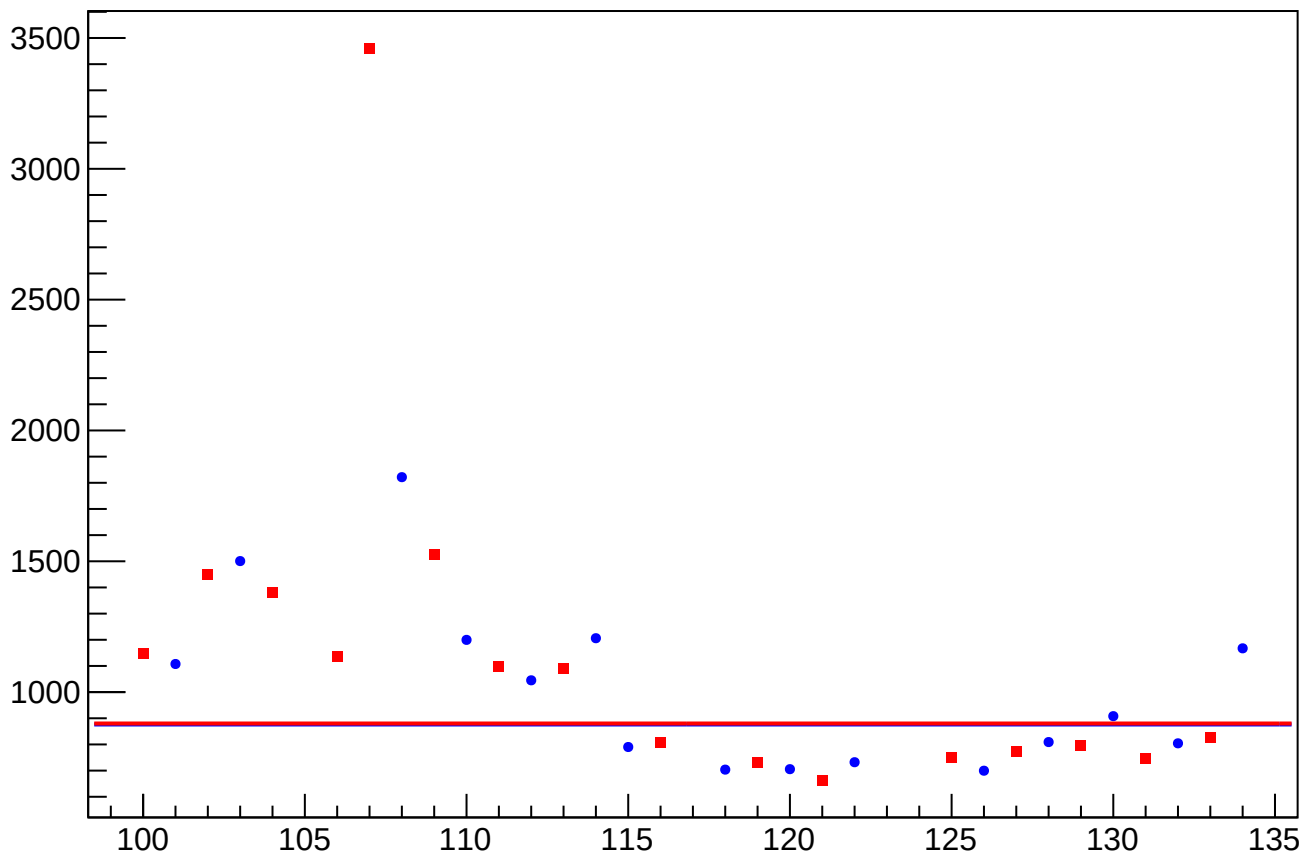
Right: 318.597+/-254.210 χ^2/NDF : 37.5/30

In: 56.371+/-361.109 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.597+/-254.210 χ^2/NDF : 37.5/30

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 876.270+/-0.255 χ^2/NDF : 825472.8/14

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

Right Out: 880.029+/-0.253 χ^2/NDF : 1128671.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

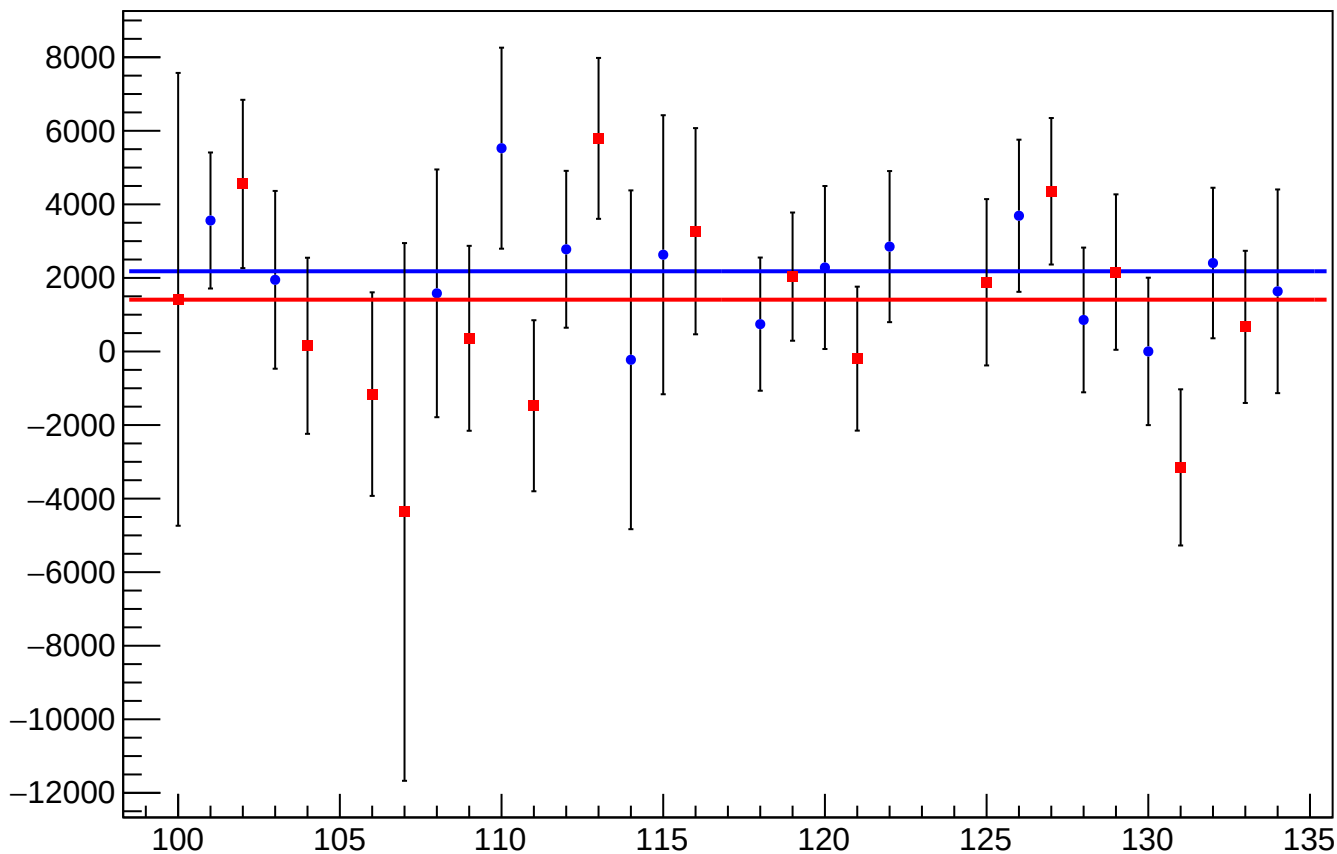
Right: 878.166+/-0.180 χ^2/NDF : 1954253.9/30

In: 876.270+/-0.255 χ^2/NDF : 825472.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.166+/-0.180 χ^2/NDF : 1954253.9/30

asym_usl_mean vs Slug, Sign Corrected



Right In: 2180.963 $\pm$ 589.436 χ^2 /NDF: 5.4/14

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

Right Out: 1408.518 $\pm$ 583.400 χ^2 /NDF: 17.7/15

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

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

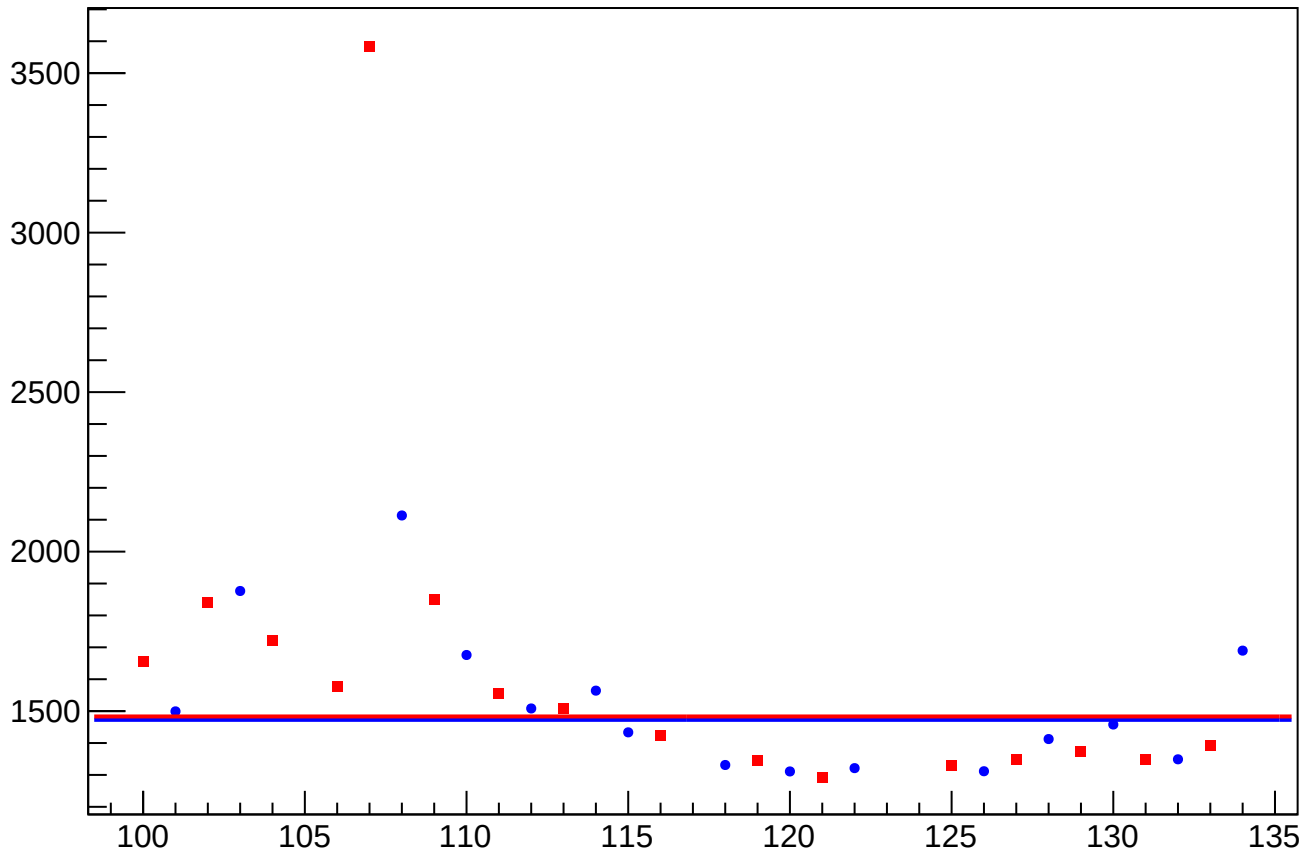
Right: 1790.765 $\pm$ 414.644 χ^2 /NDF: 24.0/30

In: 2180.963 $\pm$ 589.436 χ^2 /NDF:5.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1790.765 $\pm$ 414.644 χ^2 /NDF: 24.0/30

asym_usl_rms vs Slug, Sign Corrected



Right In: 1472.658+/-0.417 χ^2/NDF : 208732.2/14

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

Right Out: 1483.253+/-0.413 χ^2/NDF : 351263.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

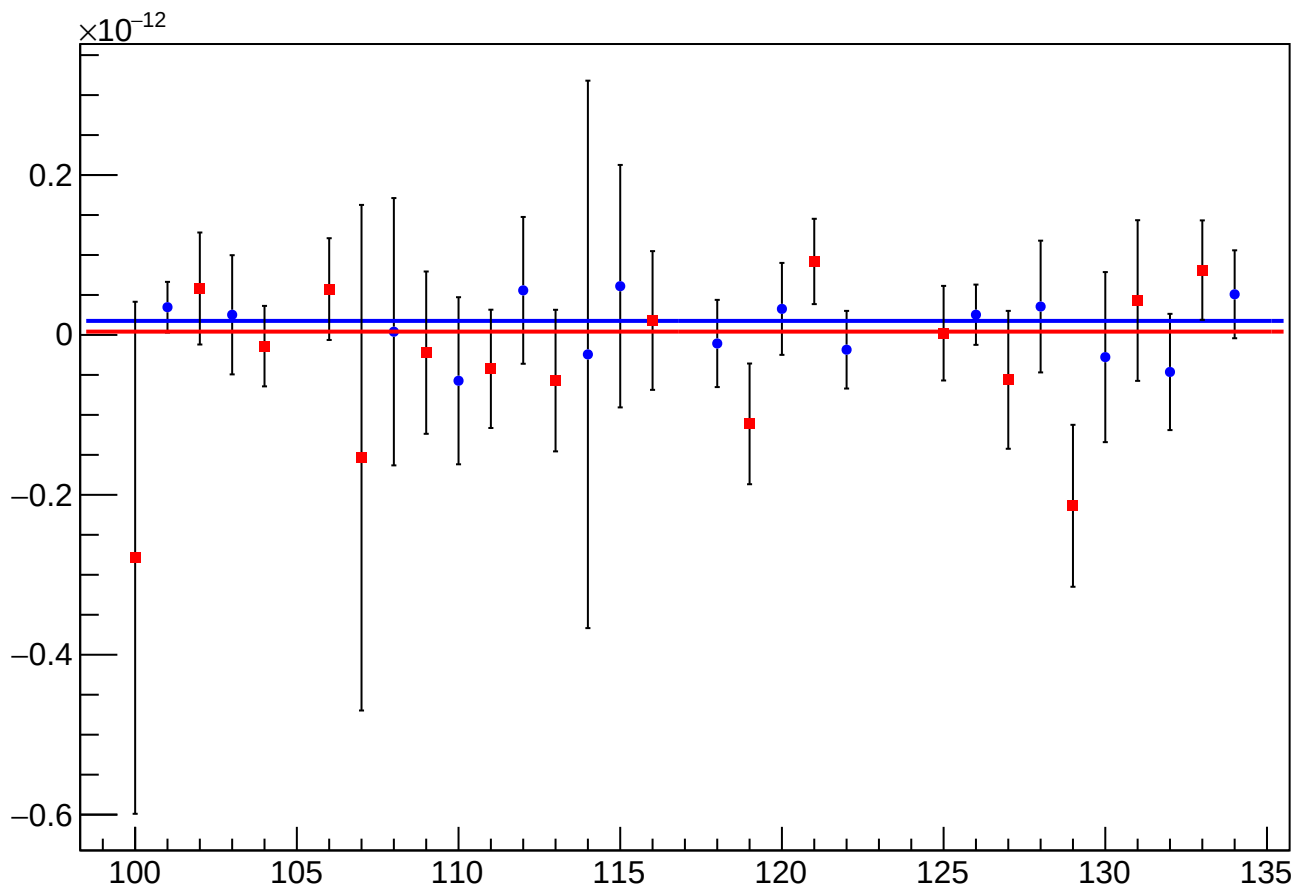
Right: 1478.010+/-0.293 χ^2/NDF : 560322.3/30

In: 1472.658+/-0.417 χ^2/NDF : 208732.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.010+/-0.293 χ^2/NDF : 560322.3/30

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

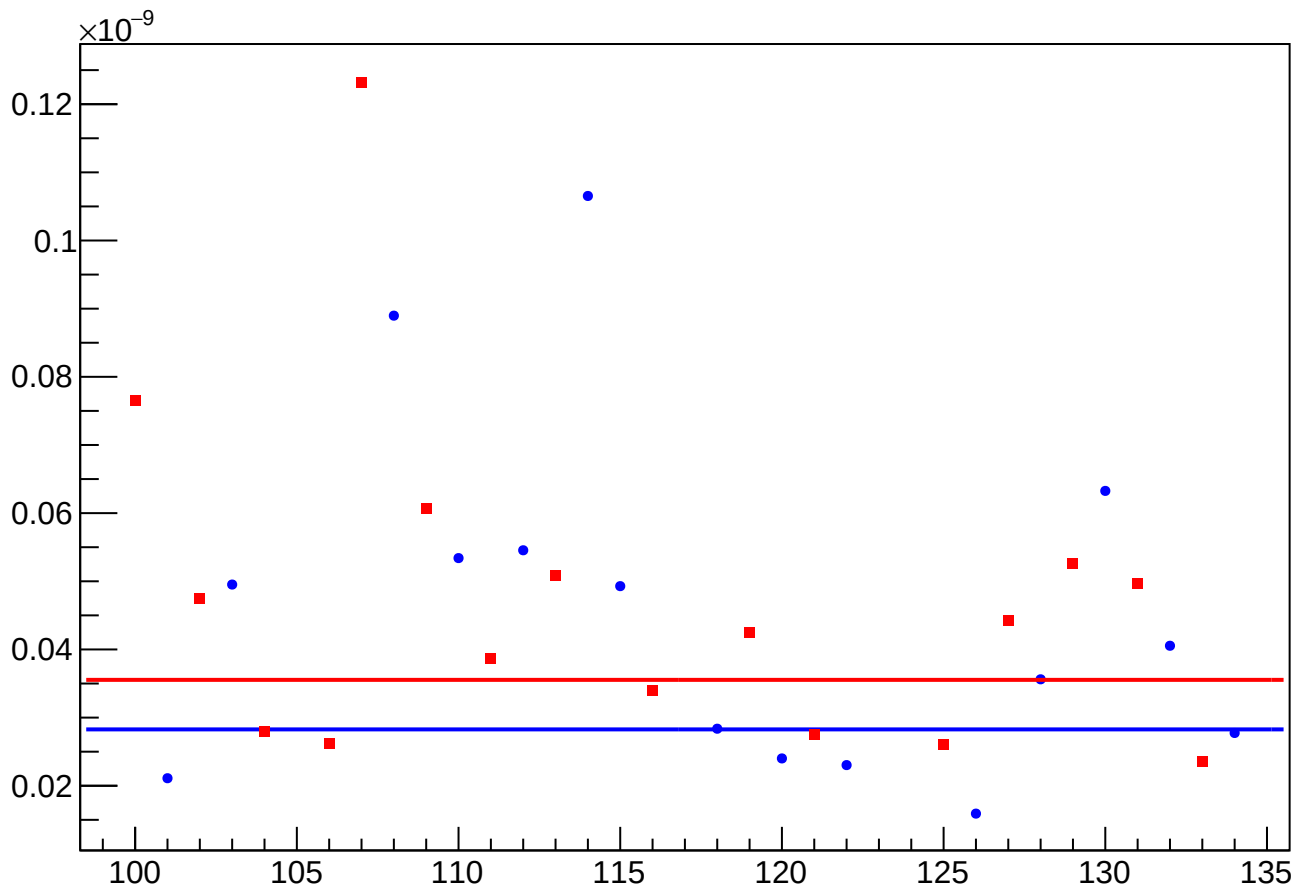
Right: 0.000+/-0.000 χ^2/NDF : 18.9/30

In: 0.000+/-0.000 χ^2/NDF : 3.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.9/30

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1489986.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 823211.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

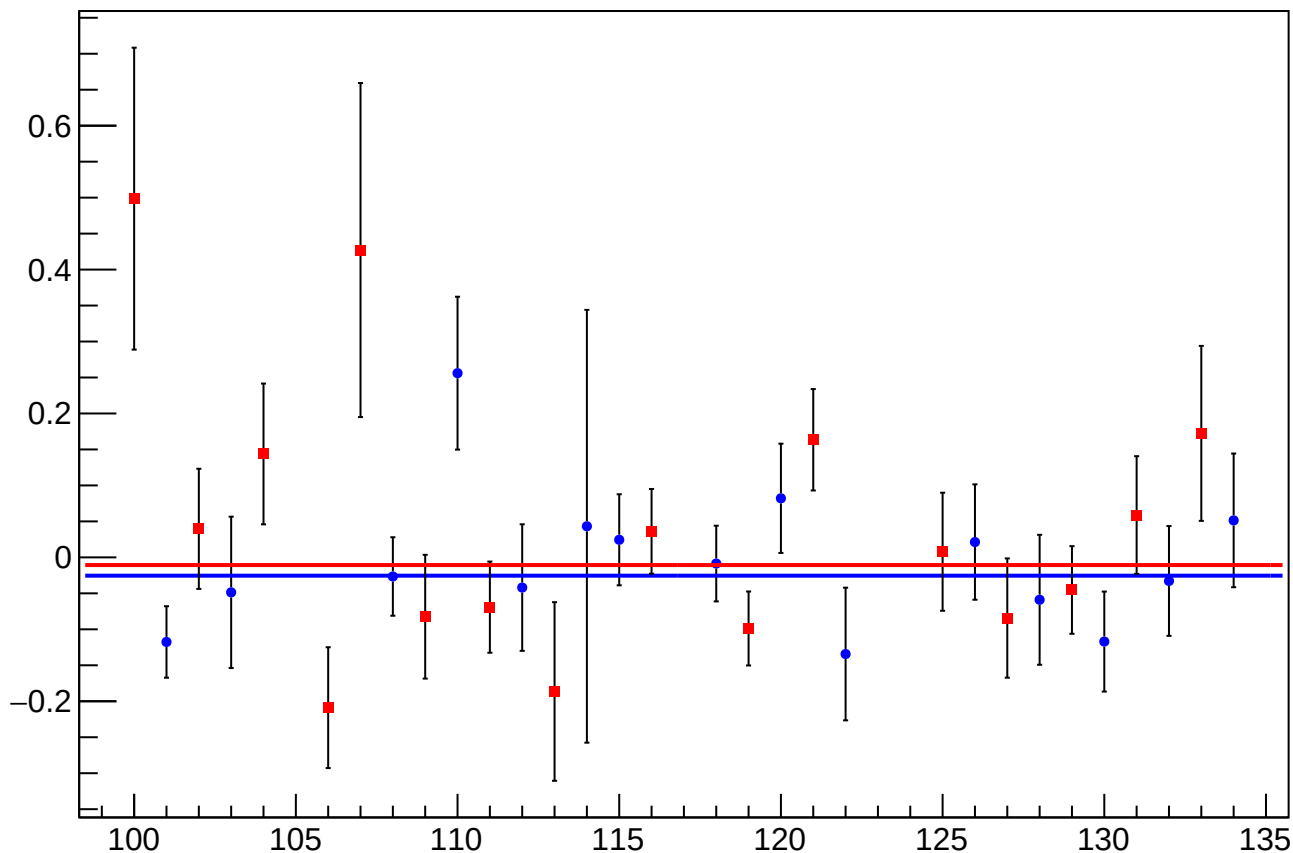
Right: 0.000+/-0.000 χ^2/NDF : 2487375.4/30

In: 0.000+/-0.000 χ^2/NDF : 1489986.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2487375.4/30

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

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

Right Out: -0.011 ± 0.020 χ^2/NDF : 35.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

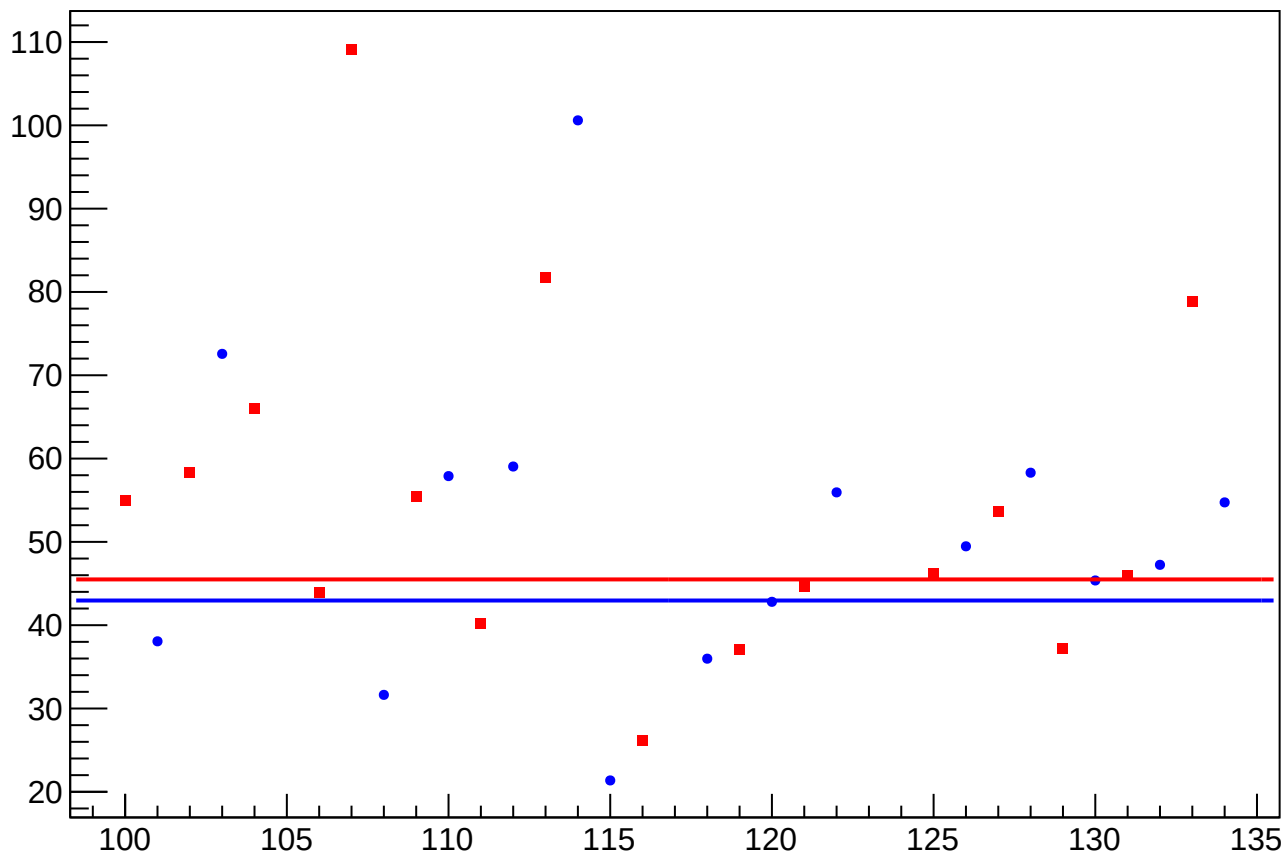
Right: -0.018 ± 0.014 χ^2/NDF : 53.2/30

In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.014 χ^2/NDF : 53.2/30

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.962+/-0.014 χ^2/NDF : 863522.8/14

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

Right Out: 45.494+/-0.014 χ^2/NDF : 976278.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

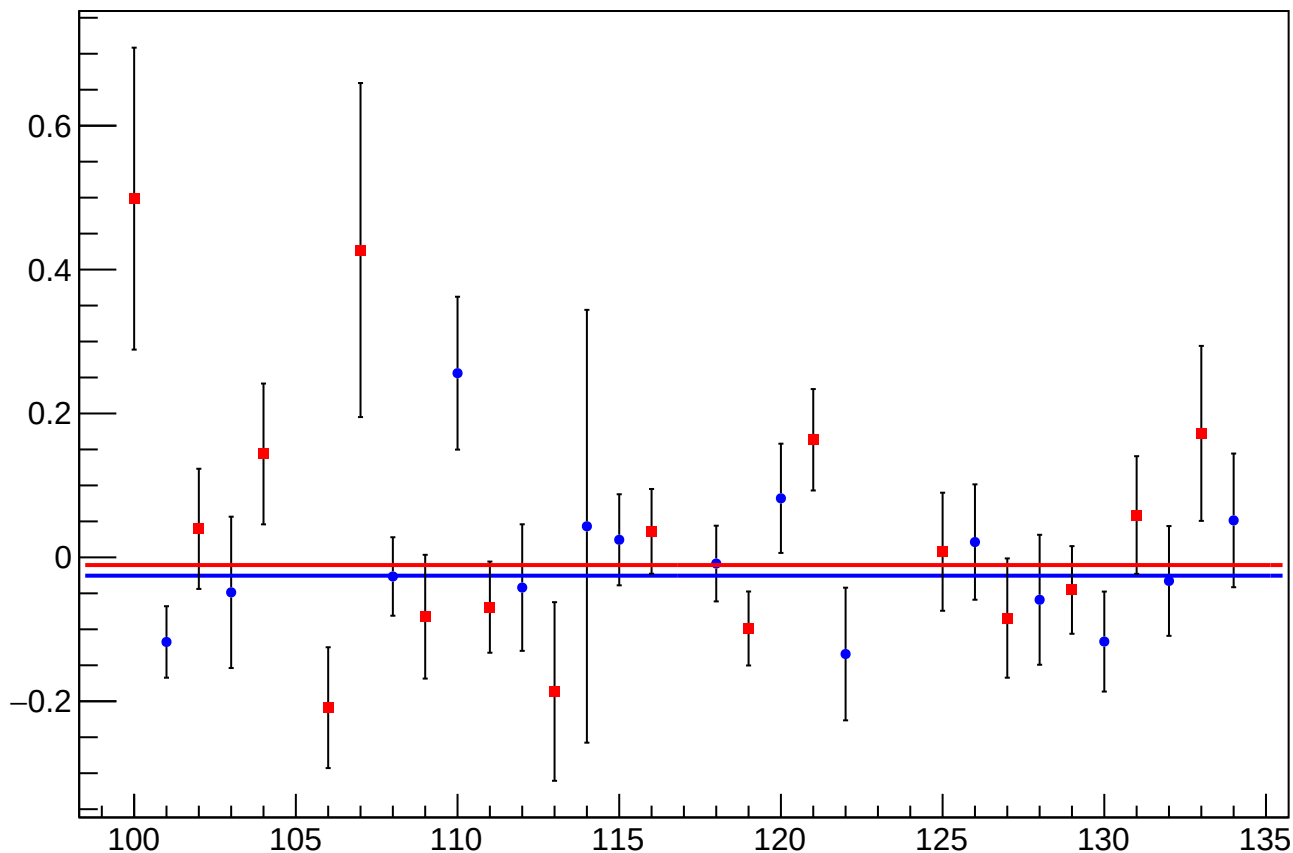
Right: 44.179+/-0.010 χ^2/NDF : 1856647.4/30

In: 42.962+/-0.014 χ^2/NDF :863522.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.179+/-0.010 χ^2/NDF : 1856647.4/30

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

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

Right Out: -0.011 ± 0.020 χ^2/NDF : 35.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

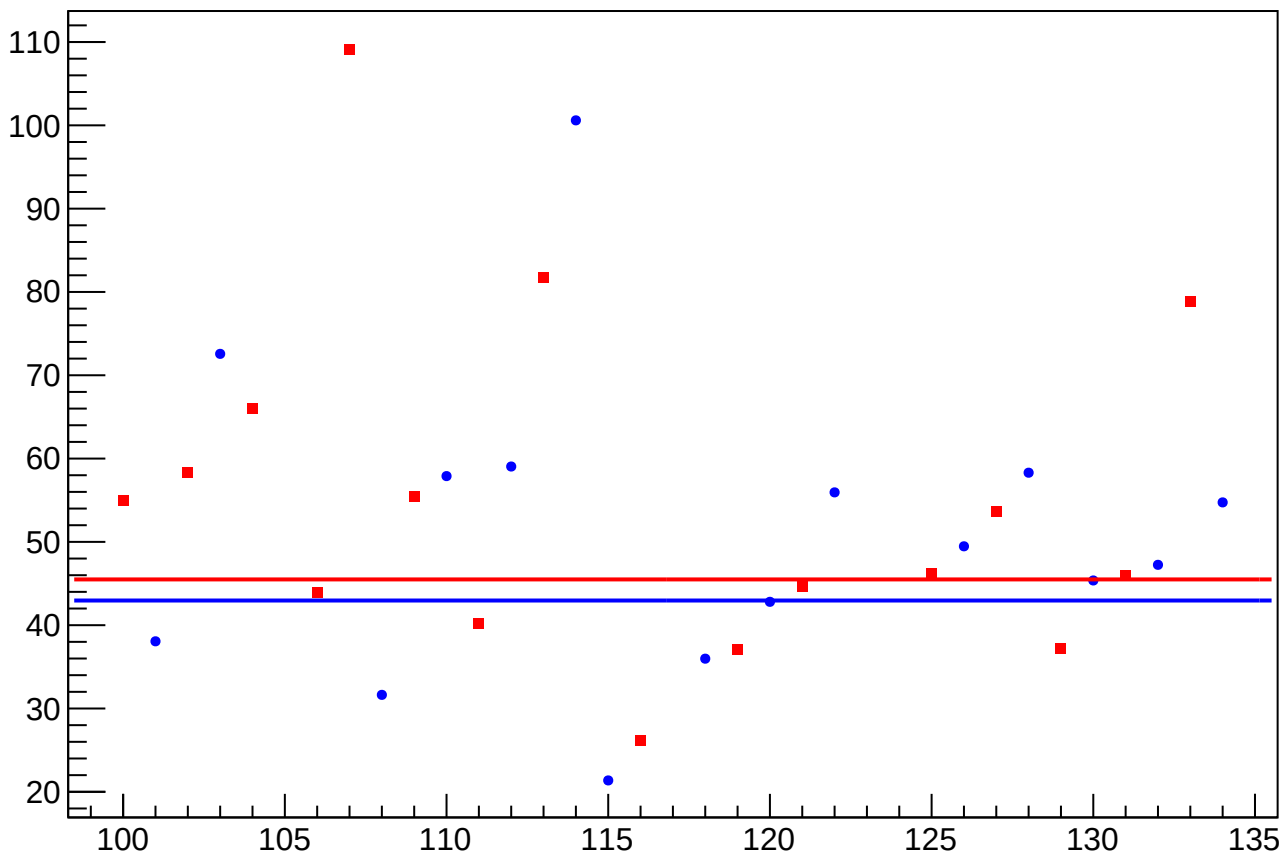
Right: -0.018 ± 0.014 χ^2/NDF : 53.2/30

In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.014 χ^2/NDF : 53.2/30

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.962+/-0.014 χ^2/NDF : 863522.8/14

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

Right Out: 45.494+/-0.014 χ^2/NDF : 976278.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

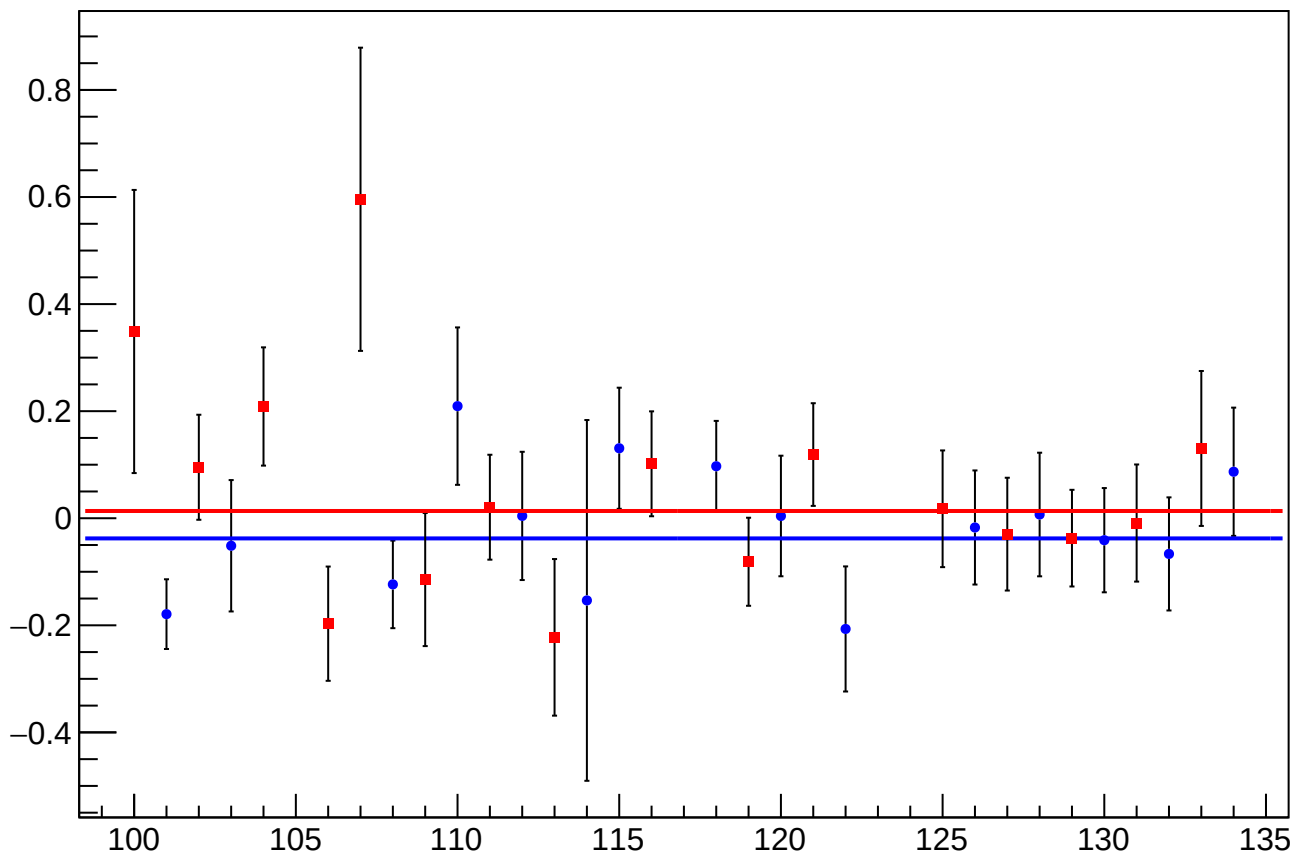
Right: 44.179+/-0.010 χ^2/NDF : 1856647.4/30

In: 42.962+/-0.014 χ^2/NDF :863522.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.179+/-0.010 χ^2/NDF : 1856647.4/30

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 ± 0.027 χ^2/NDF : 17.2/14

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

Right Out: 0.014 ± 0.028 χ^2/NDF : 21.7/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

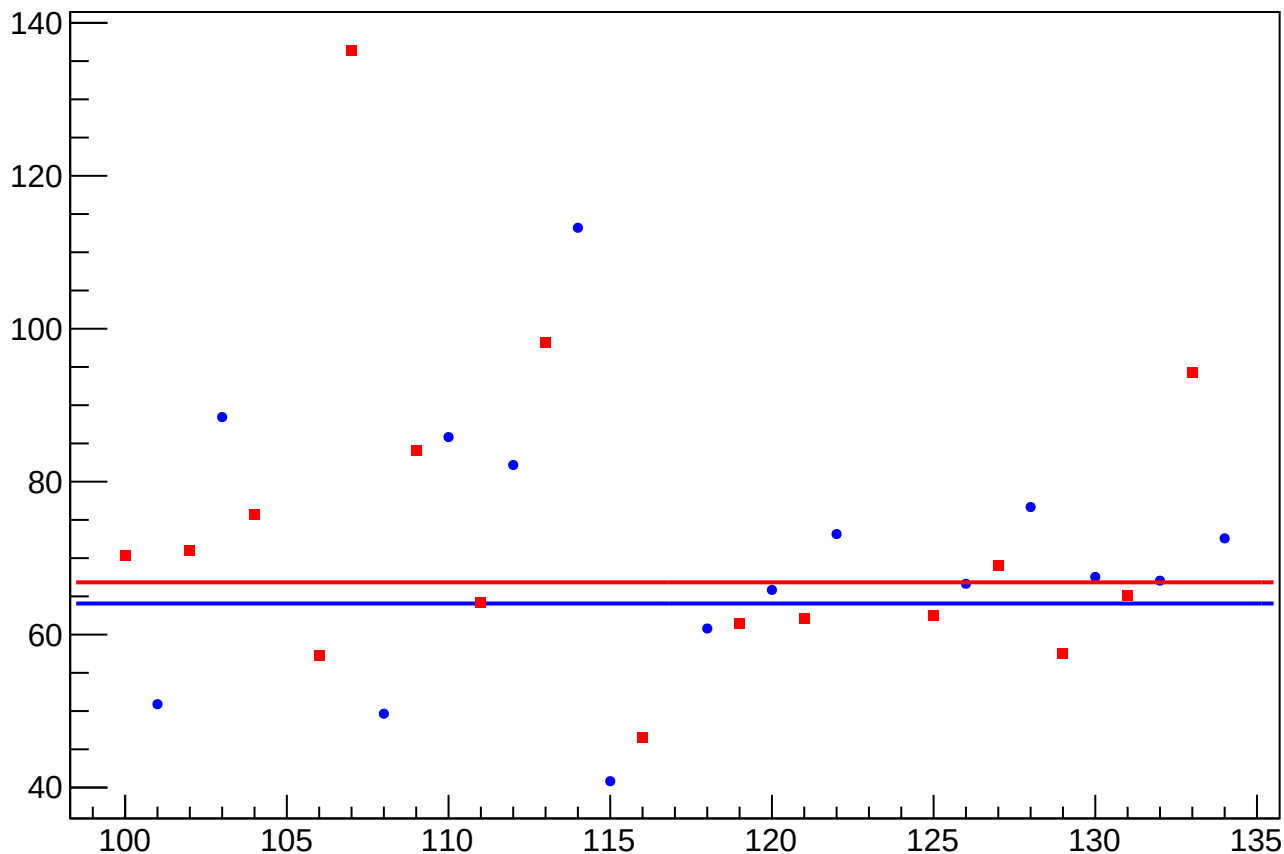
Right: -0.013 ± 0.019 χ^2/NDF : 40.7/30

In: -0.038 ± 0.027 χ^2/NDF : 17.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.019 χ^2/NDF : 40.7/30

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.065+/-0.019 χ^2/NDF : 494239.8/14

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

Right Out: 66.835+/-0.020 χ^2/NDF : 482743.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

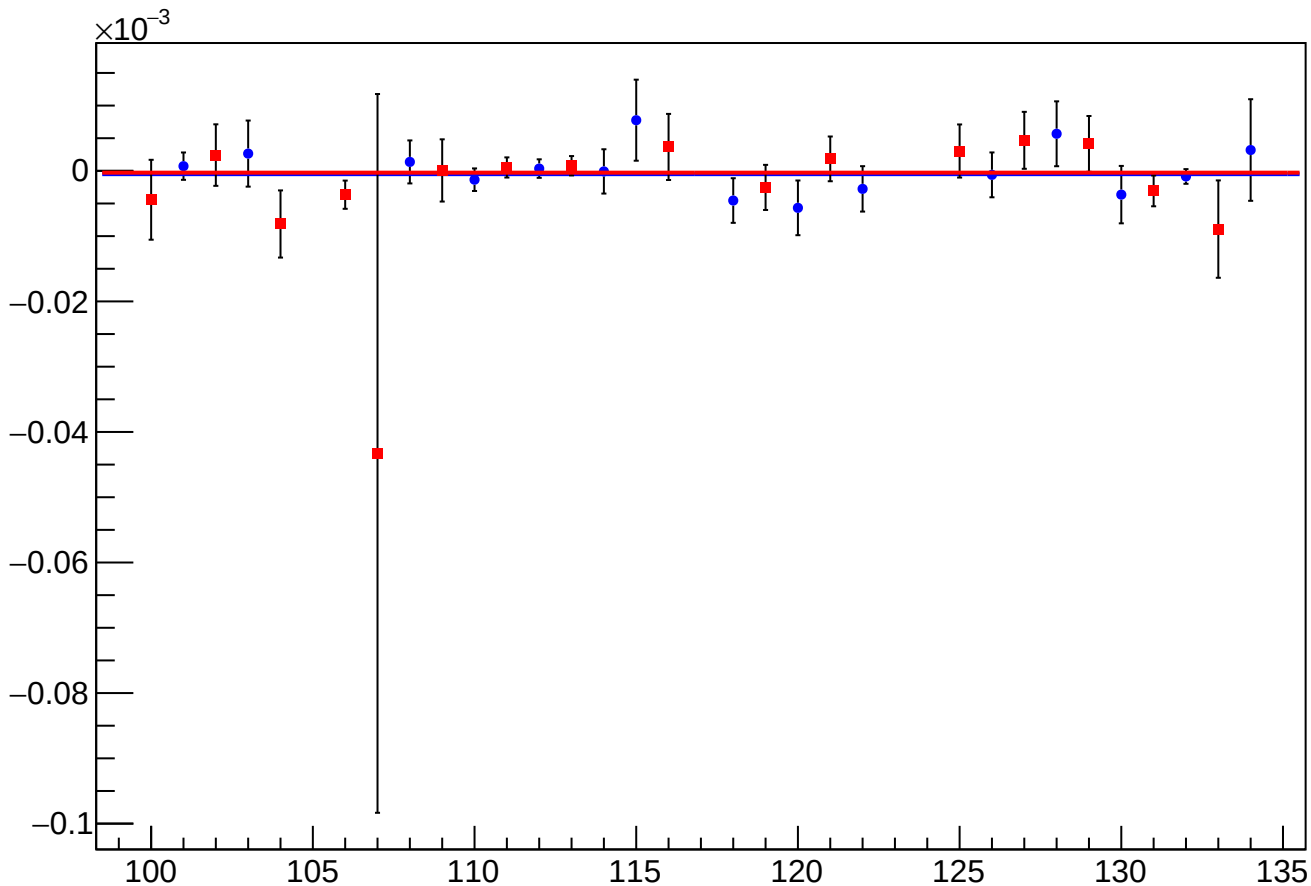
Right: 65.414+/-0.014 χ^2/NDF : 987254.4/30

In: 64.065+/-0.019 χ^2/NDF :494239.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65.414+/-0.014 χ^2/NDF : 987254.4/30

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.2/14

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

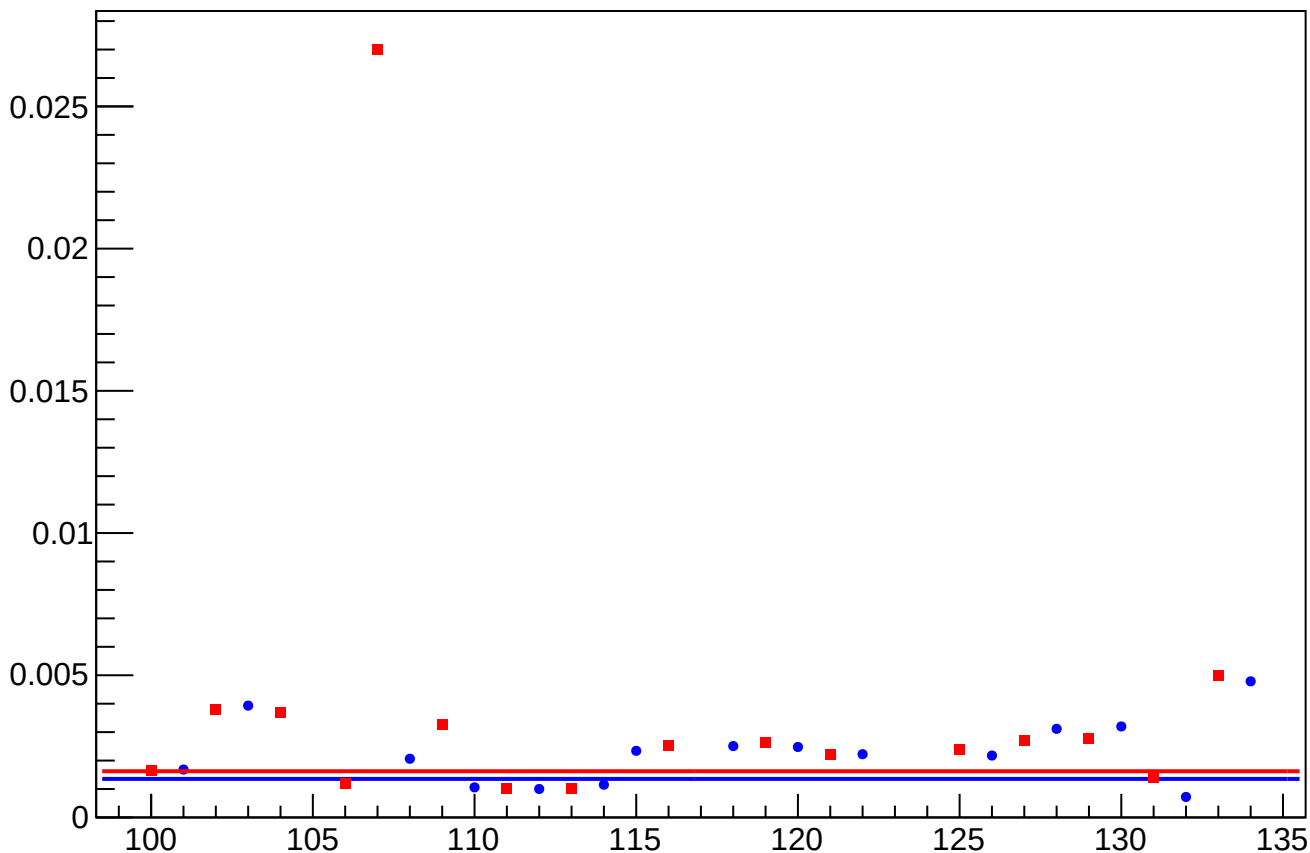
Right: -0.000+/-0.000 χ^2 /NDF: 23.4/30

In: -0.000+/-0.000 χ^2 /NDF:9.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.4/30

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3138409.2/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3180917.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

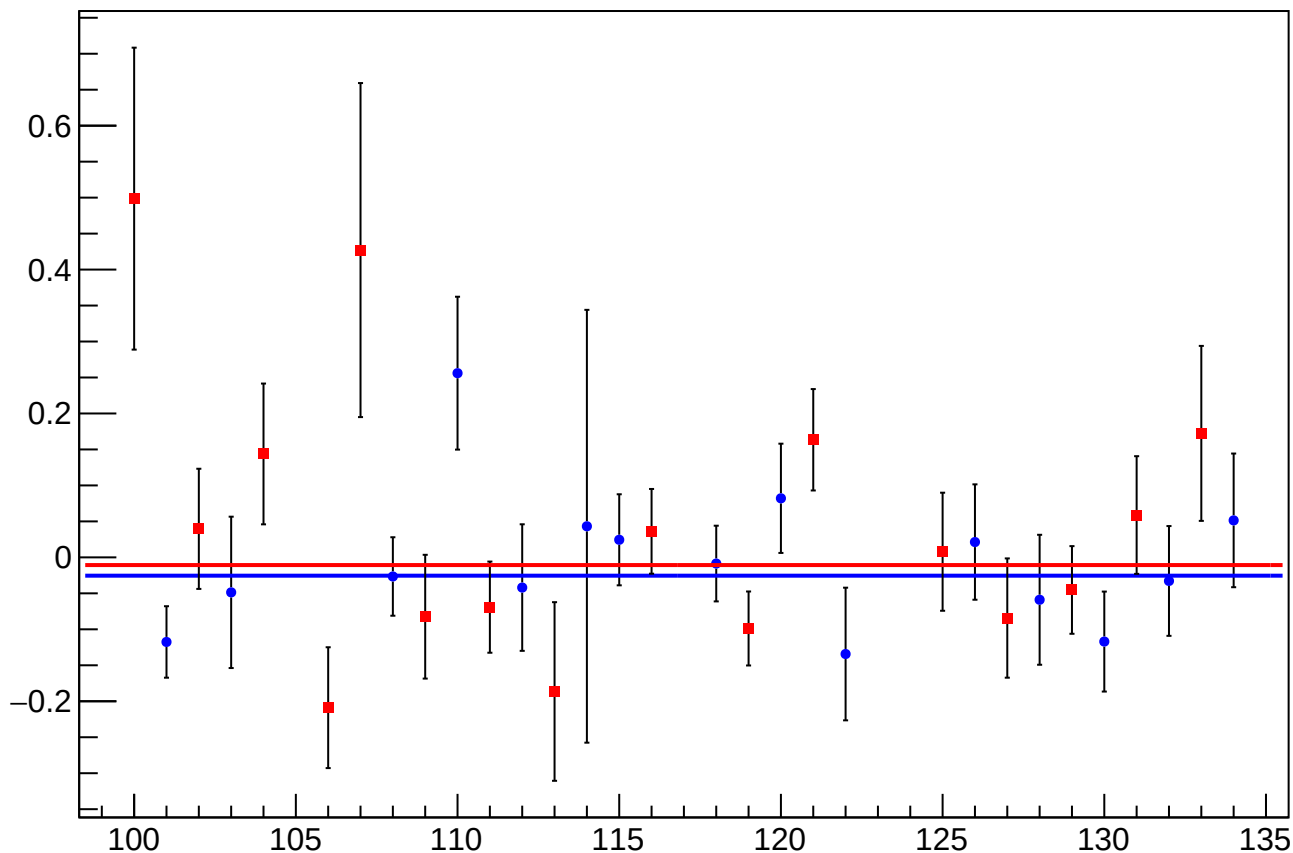
Right: 0.001+/-0.000 χ^2/NDF : 6472909.7/30

In: 0.001+/-0.000 χ^2/NDF :3138409.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6472909.7/30

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

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

Right Out: -0.011 ± 0.020 χ^2/NDF : 35.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

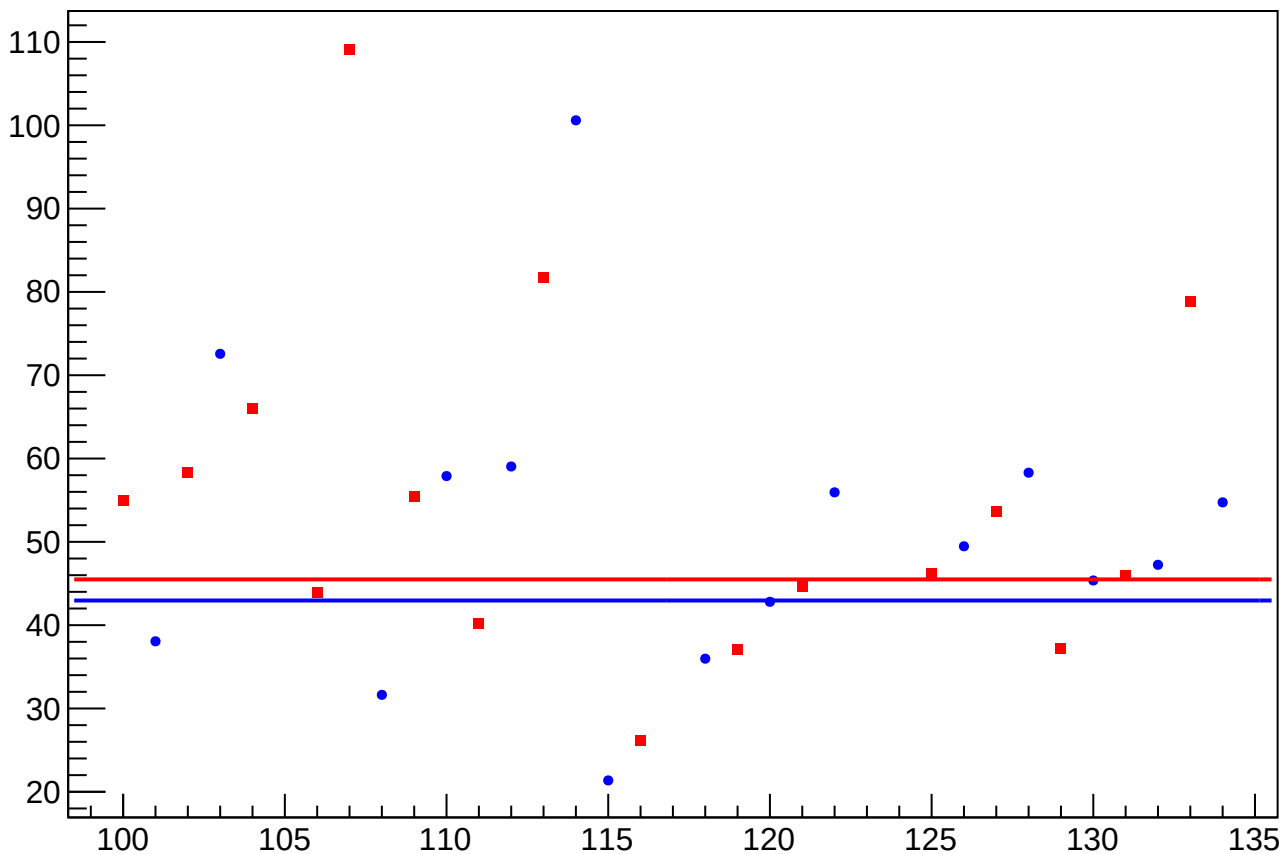
Right: -0.018 ± 0.014 χ^2/NDF : 53.2/30

In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.014 χ^2/NDF : 53.2/30

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.962+/-0.014 χ^2/NDF : 863568.2/14

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

Right Out: 45.493+/-0.014 χ^2/NDF : 976305.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

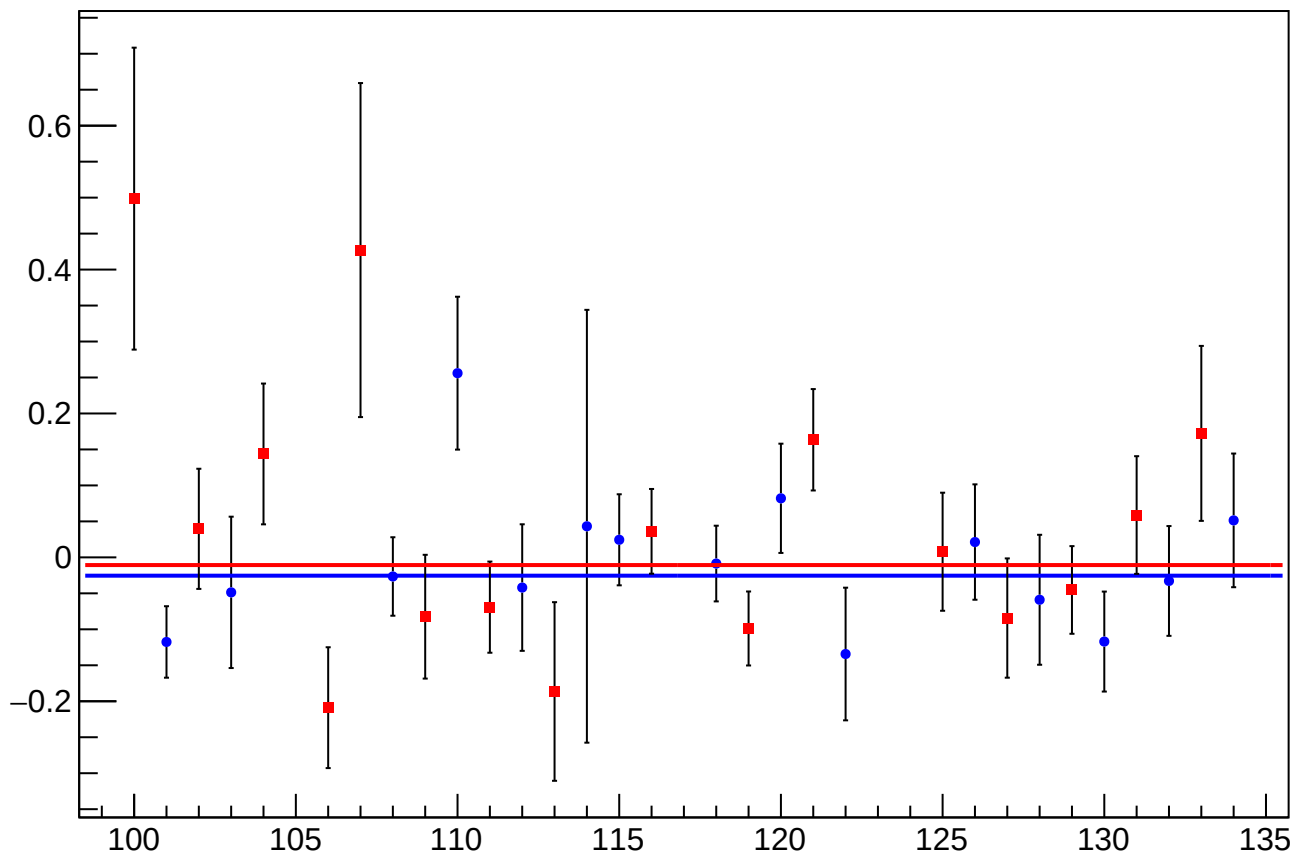
Right: 44.178+/-0.010 χ^2/NDF : 1856719.5/30

In: 42.962+/-0.014 χ^2/NDF : 863568.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.178+/-0.010 χ^2/NDF : 1856719.5/30

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

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

Right Out: -0.011 ± 0.020 χ^2/NDF : 35.3/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

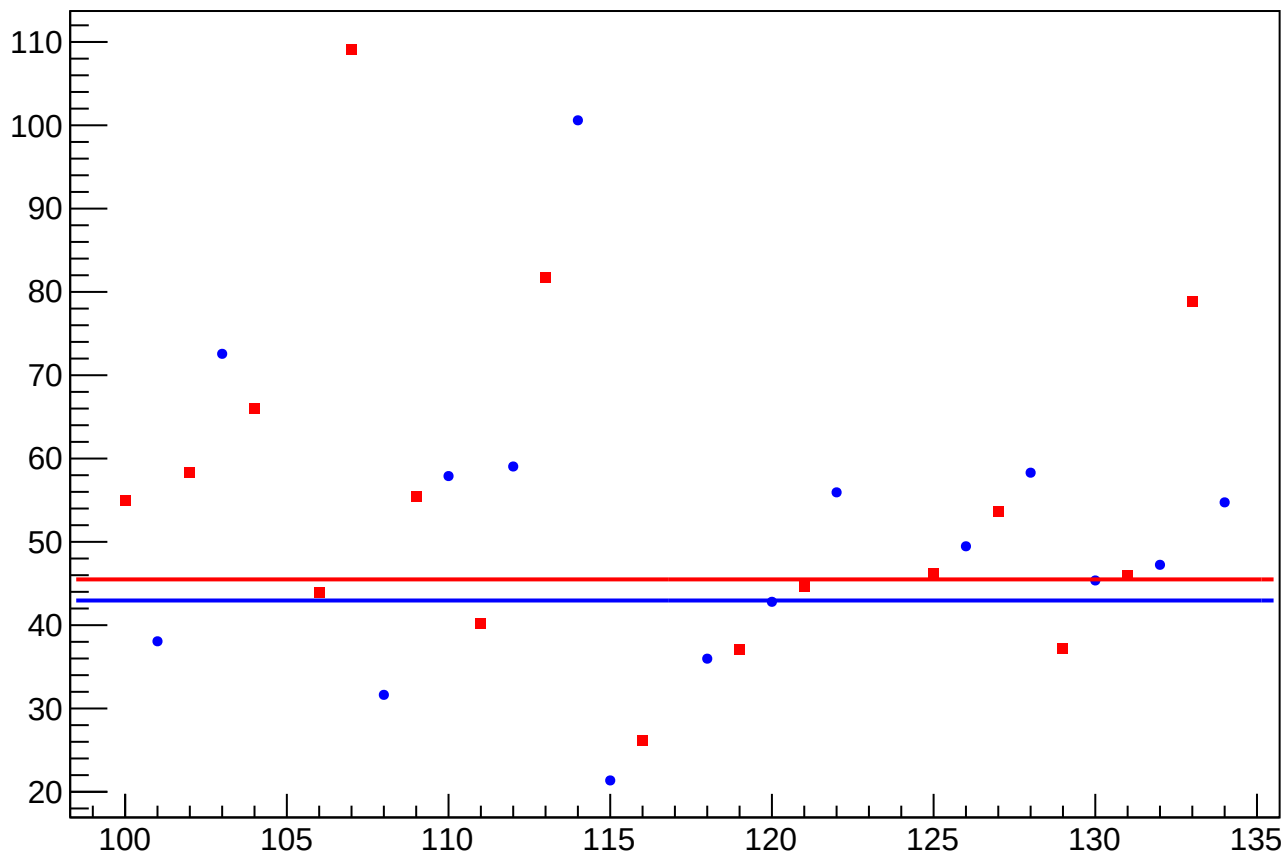
Right: -0.018 ± 0.014 χ^2/NDF : 53.2/30

In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.014 χ^2/NDF : 53.2/30

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.962+/-0.014 χ^2/NDF : 863568.2/14

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

Right Out: 45.493+/-0.014 χ^2/NDF : 976305.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

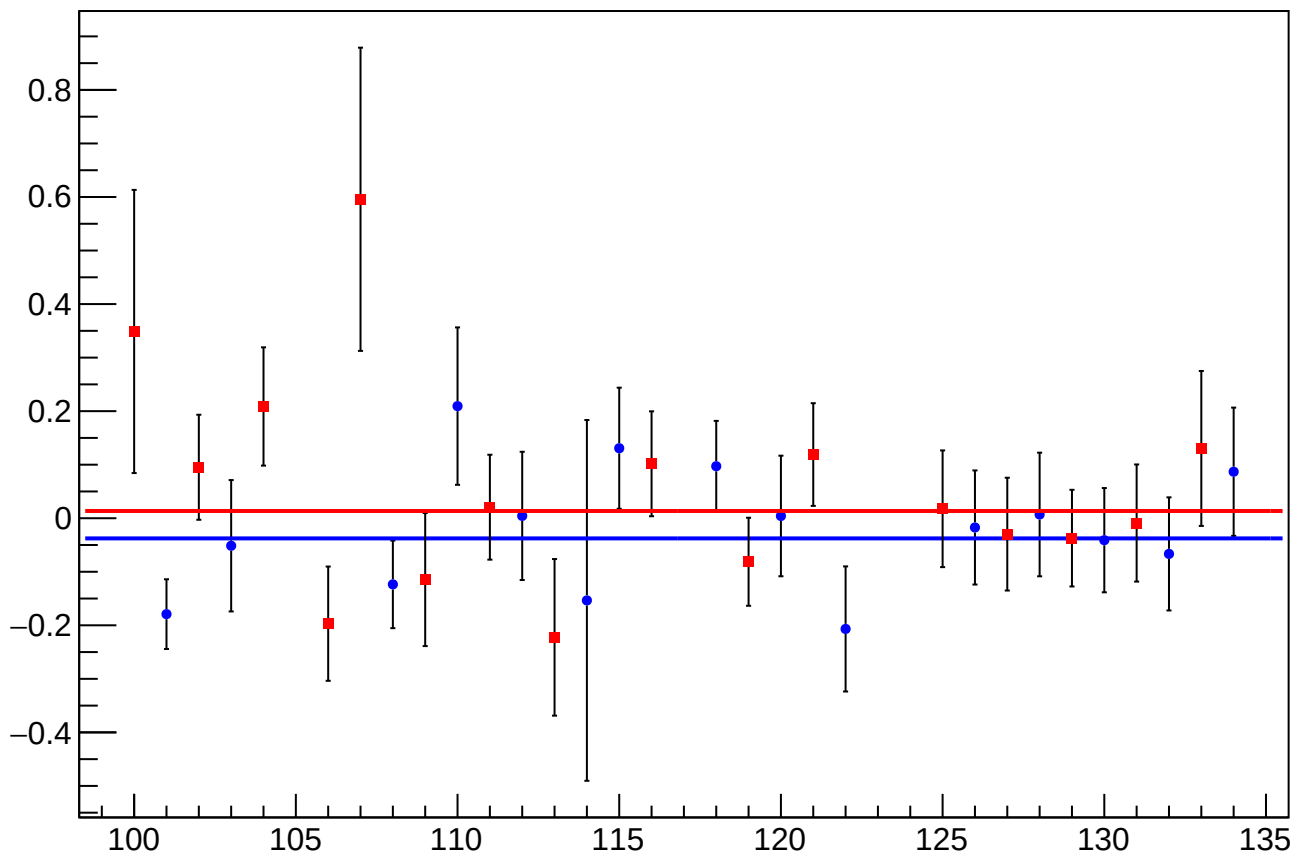
Right: 44.178+/-0.010 χ^2/NDF : 1856719.5/30

In: 42.962+/-0.014 χ^2/NDF :863568.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.178+/-0.010 χ^2/NDF : 1856719.5/30

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038+/-0.027 χ^2 /NDF: 17.2/14

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

Right Out: 0.014+/-0.028 χ^2 /NDF: 21.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

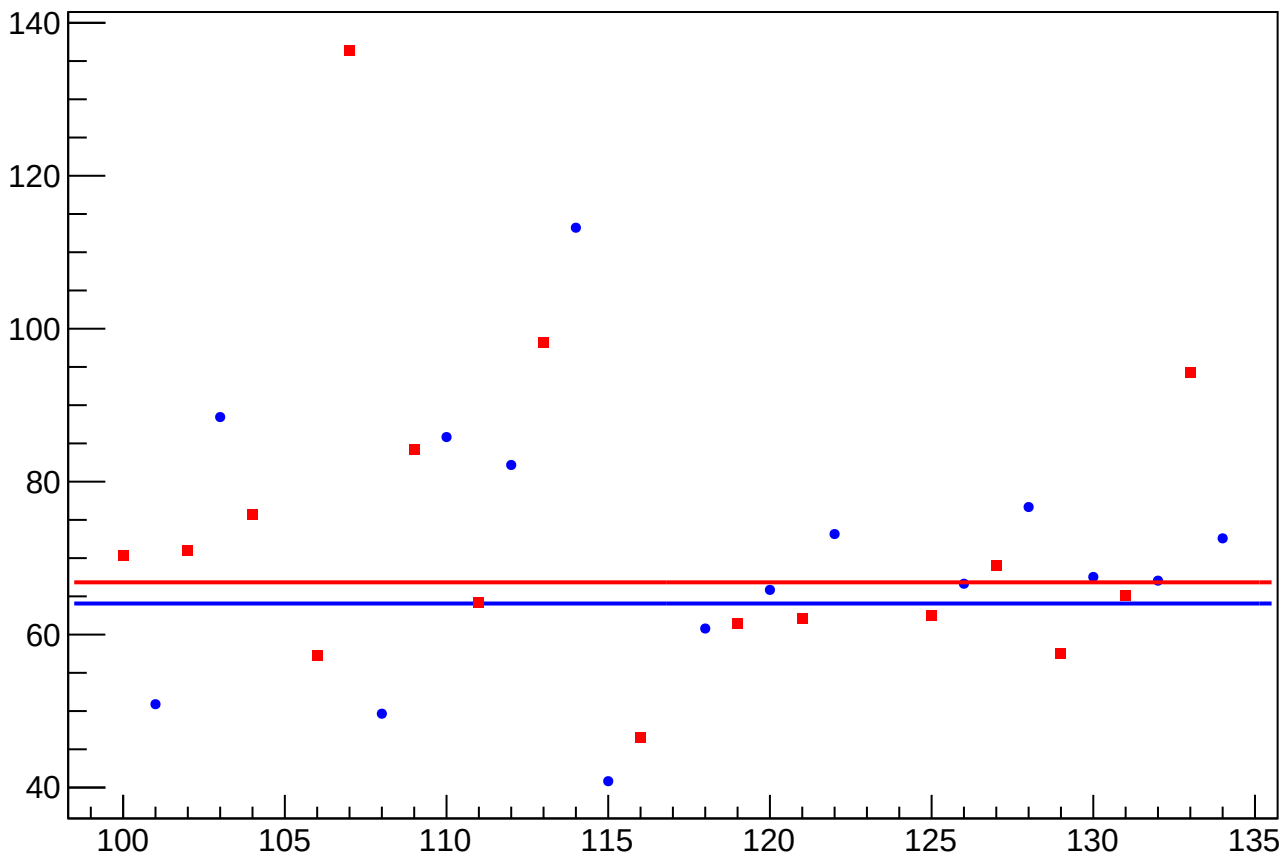
Right: -0.013+/-0.019 χ^2 /NDF: 40.7/30

In: -0.038+/-0.027 χ^2 /NDF:17.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.013+/-0.019 χ^2 /NDF: 40.7/30

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.064 $\pm$ 0.019 χ^2/NDF : 494241.2/14

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

Right Out: 66.834 $\pm$ 0.020 χ^2/NDF : 482732.8/15

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

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

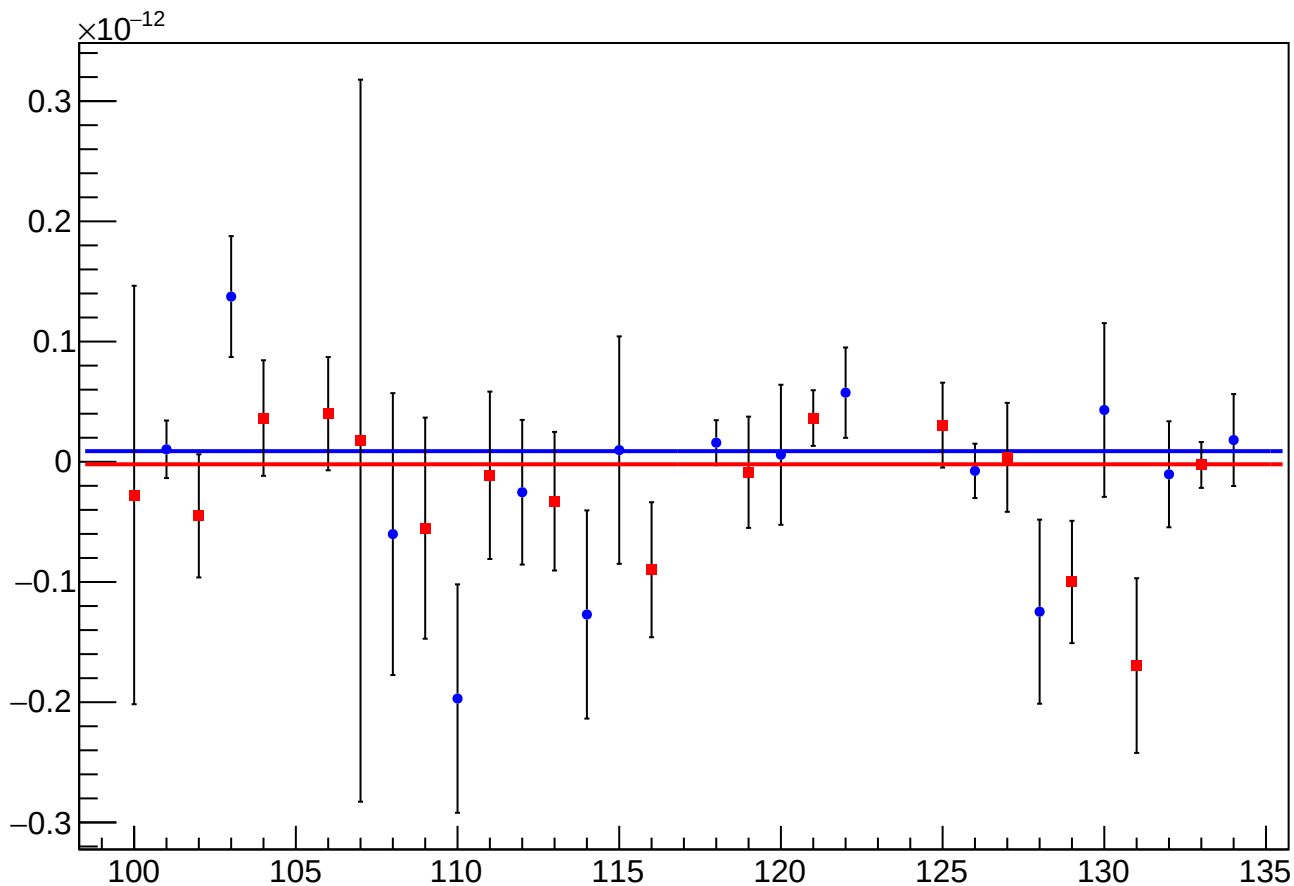
Right: 65.414 $\pm$ 0.014 χ^2/NDF : 987244.0/30

In: 64.064 $\pm$ 0.019 χ^2/NDF : 494241.2/14

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

All: 65.414 $\pm$ 0.014 χ^2/NDF : 987244.0/30

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.2/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

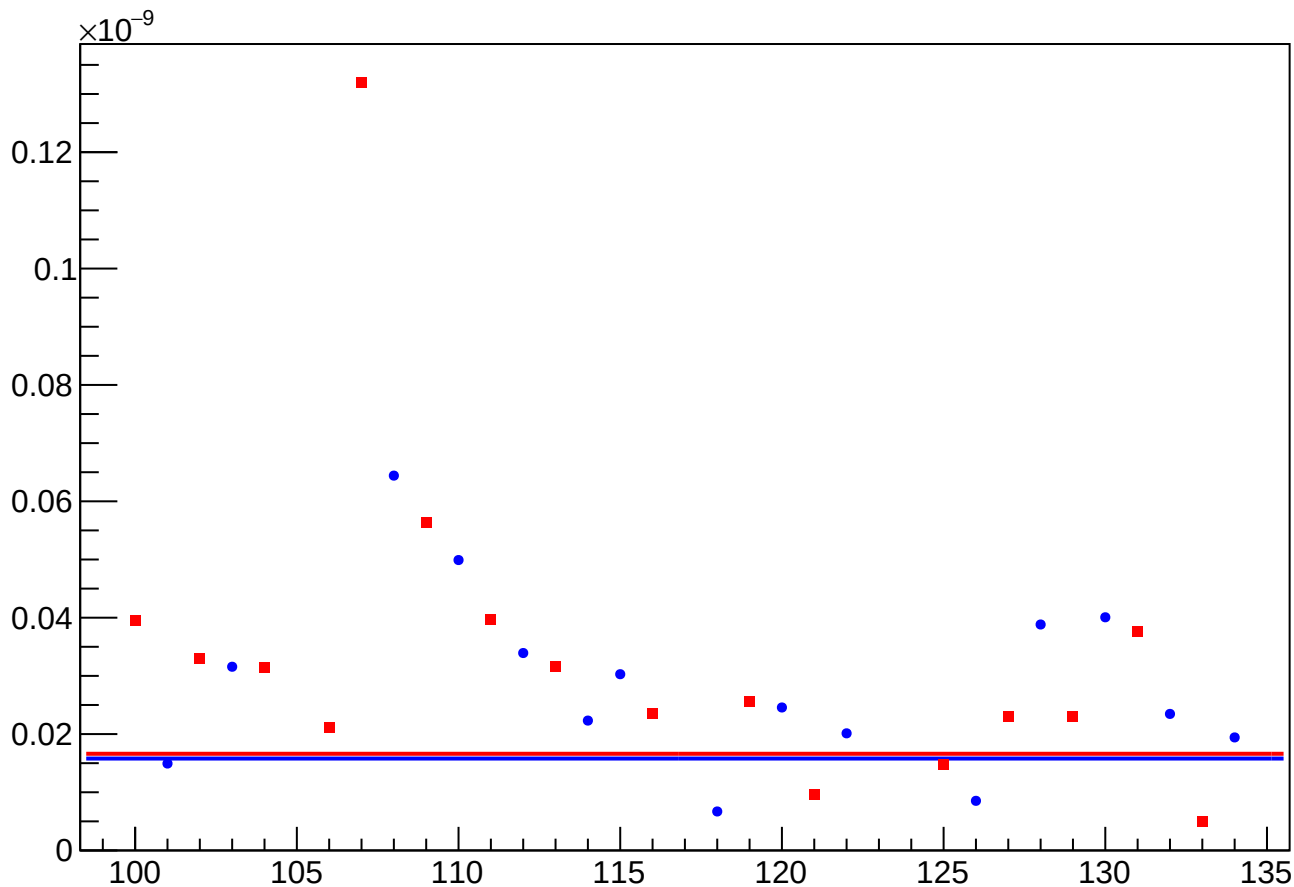
Right: 0.000+/-0.000 χ^2/NDF : 38.7/30

In: 0.000+/-0.000 χ^2/NDF : 20.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.7/30

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2277941.2/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2746676.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

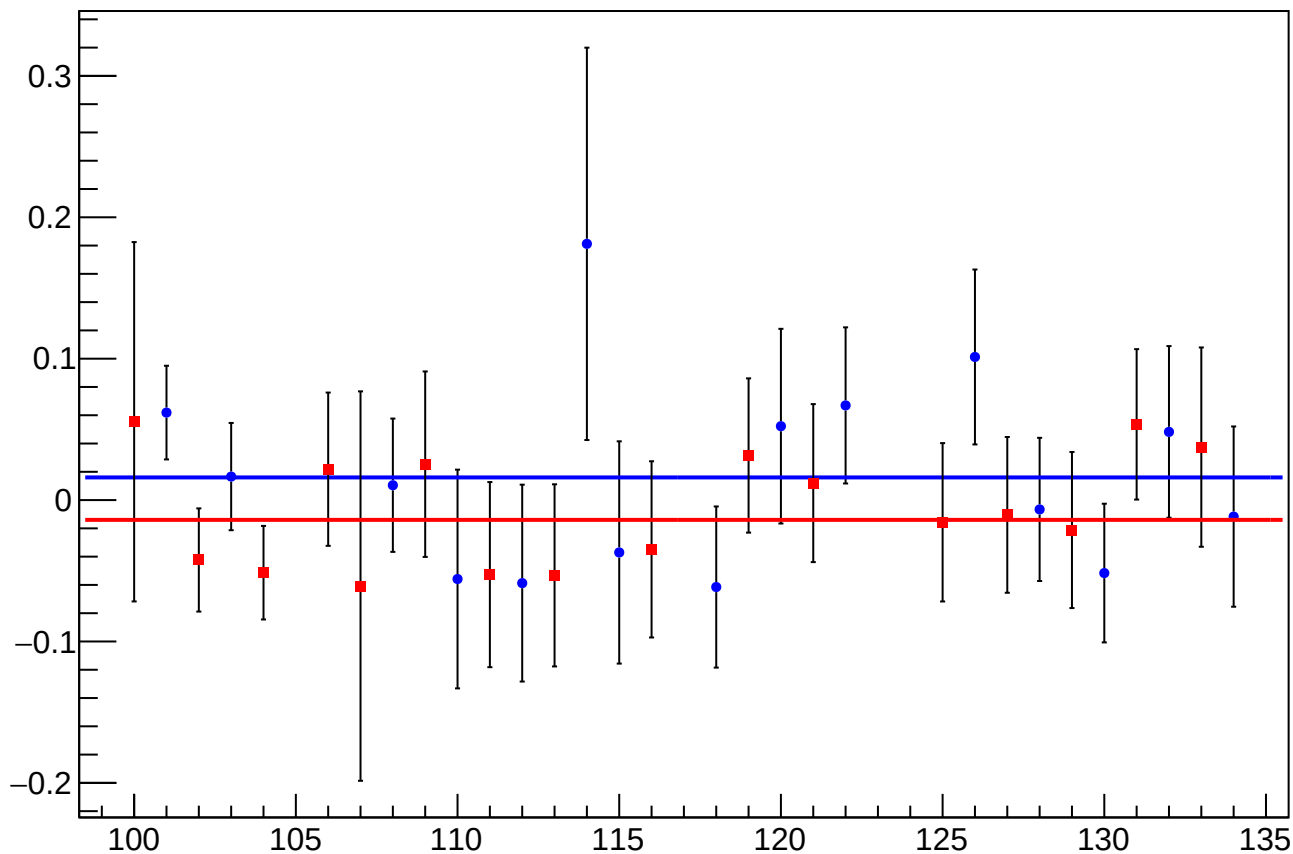
Right: 0.000+/-0.000 χ^2/NDF : 5031144.6/30

In: 0.000+/-0.000 χ^2/NDF : 2277941.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5031144.6/30

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.014 χ^2/NDF : 13.3/14

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

Right Out: -0.014+/-0.014 χ^2/NDF : 7.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

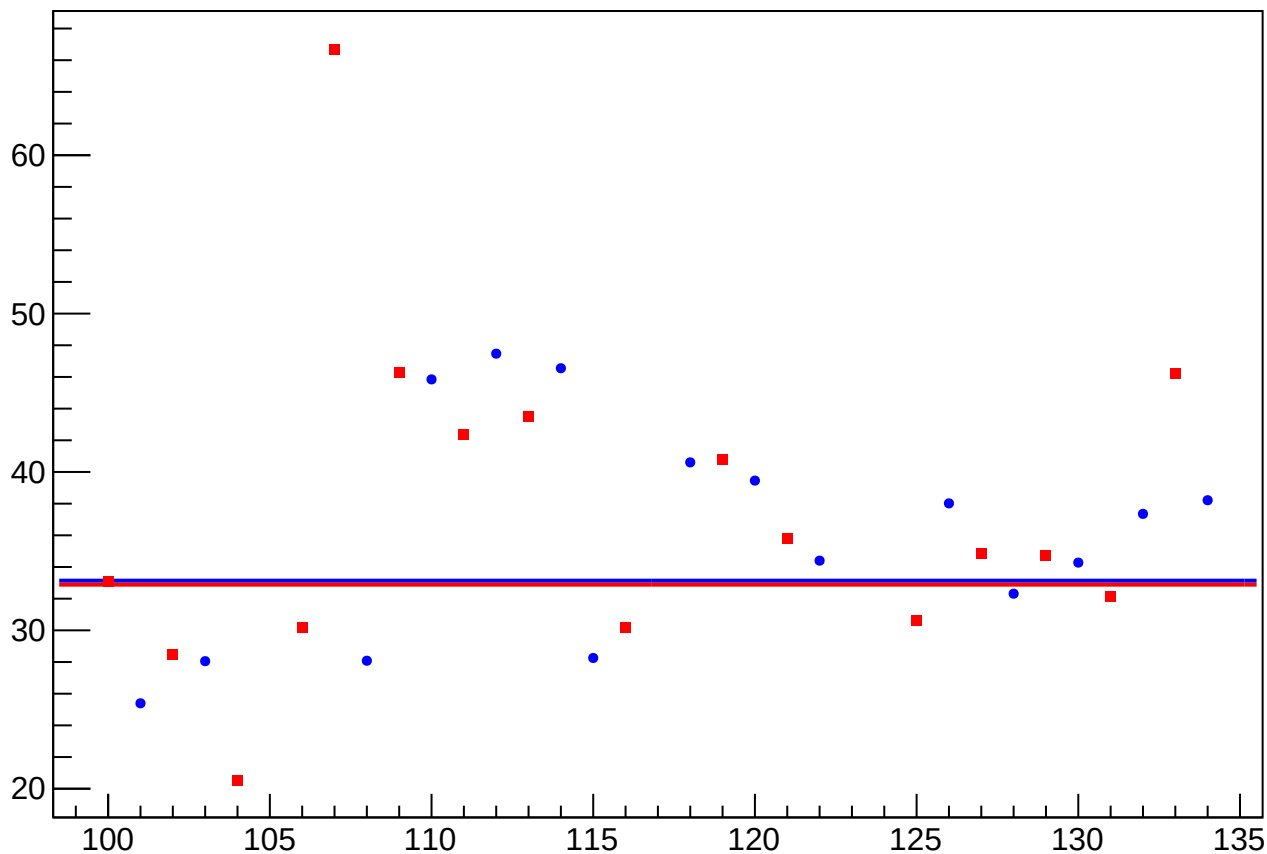
Right: 0.001+/-0.010 χ^2/NDF : 22.6/30

In: 0.016+/-0.014 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.010 χ^2/NDF : 22.6/30

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.136+/-0.010 χ^2/NDF : 422053.3/14

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

Right Out: 32.885+/-0.010 χ^2/NDF : 745217.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

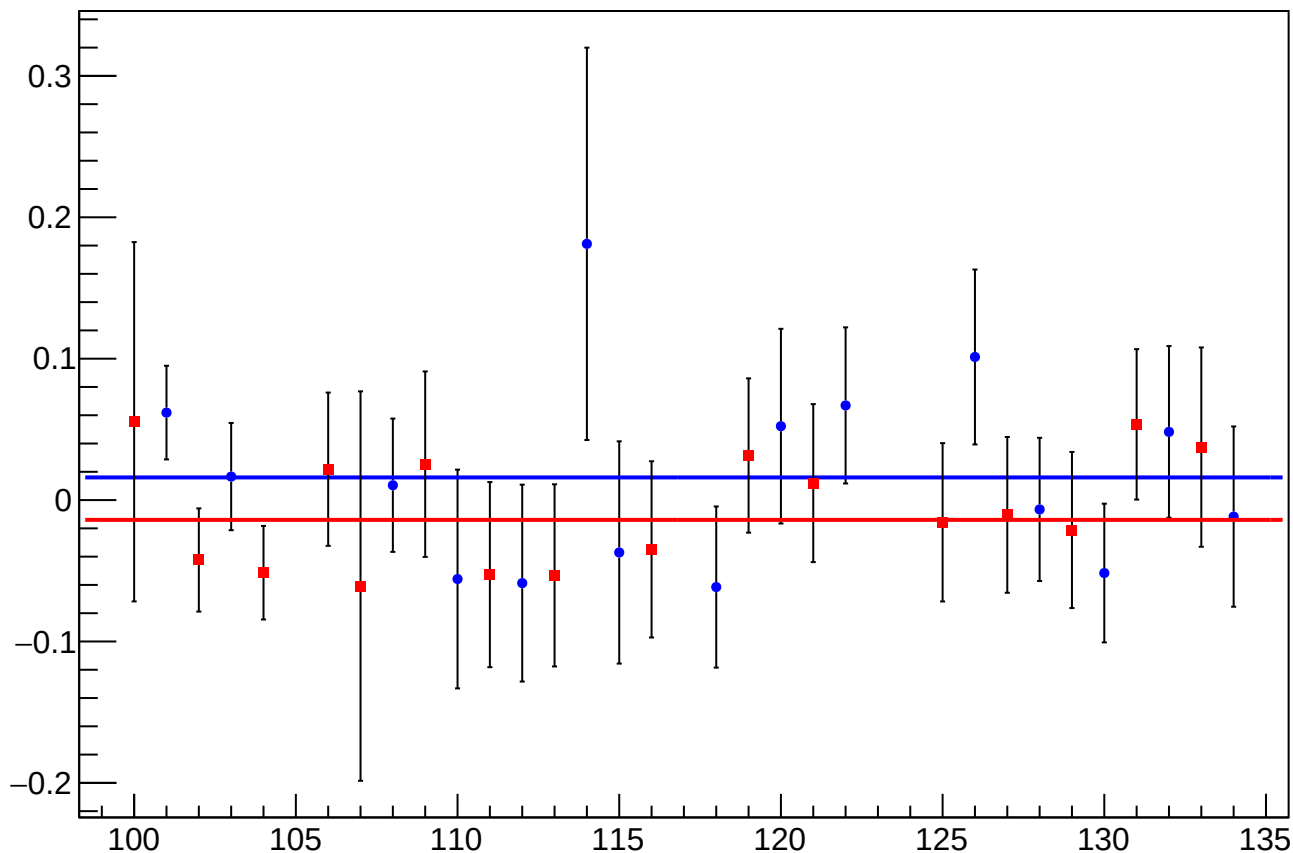
Right: 33.008+/-0.007 χ^2/NDF : 1167596.1/30

In: 33.136+/-0.010 χ^2/NDF : 422053.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.008+/-0.007 χ^2/NDF : 1167596.1/30

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.014 χ^2 /NDF: 13.3/14

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

Right Out: -0.014 $\pm$ 0.014 χ^2 /NDF: 7.0/15

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

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

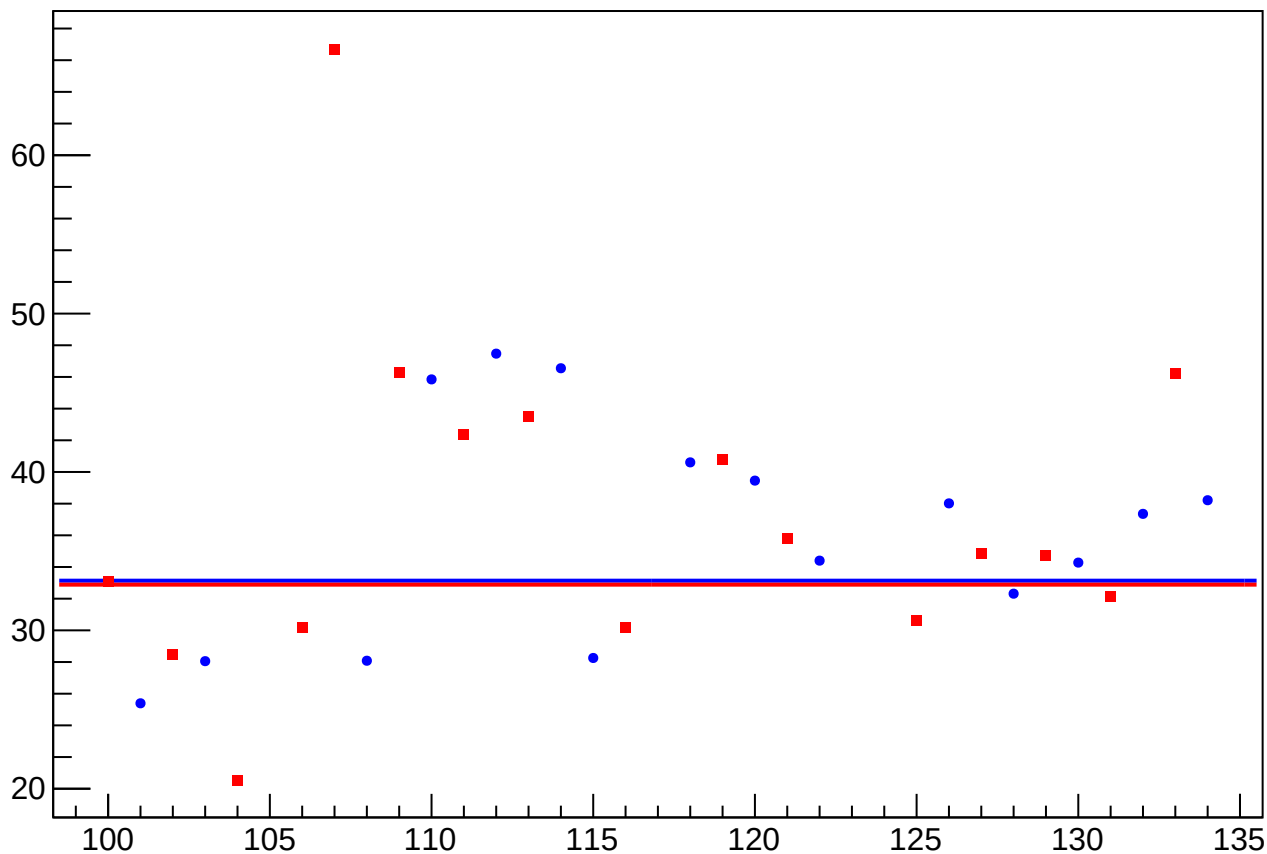
Right: 0.001 $\pm$ 0.010 χ^2 /NDF: 22.6/30

In: 0.016 $\pm$ 0.014 χ^2 /NDF:13.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.010 χ^2 /NDF: 22.6/30

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.136+/-0.010 χ^2/NDF : 422053.3/14

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

Right Out: 32.885+/-0.010 χ^2/NDF : 745217.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

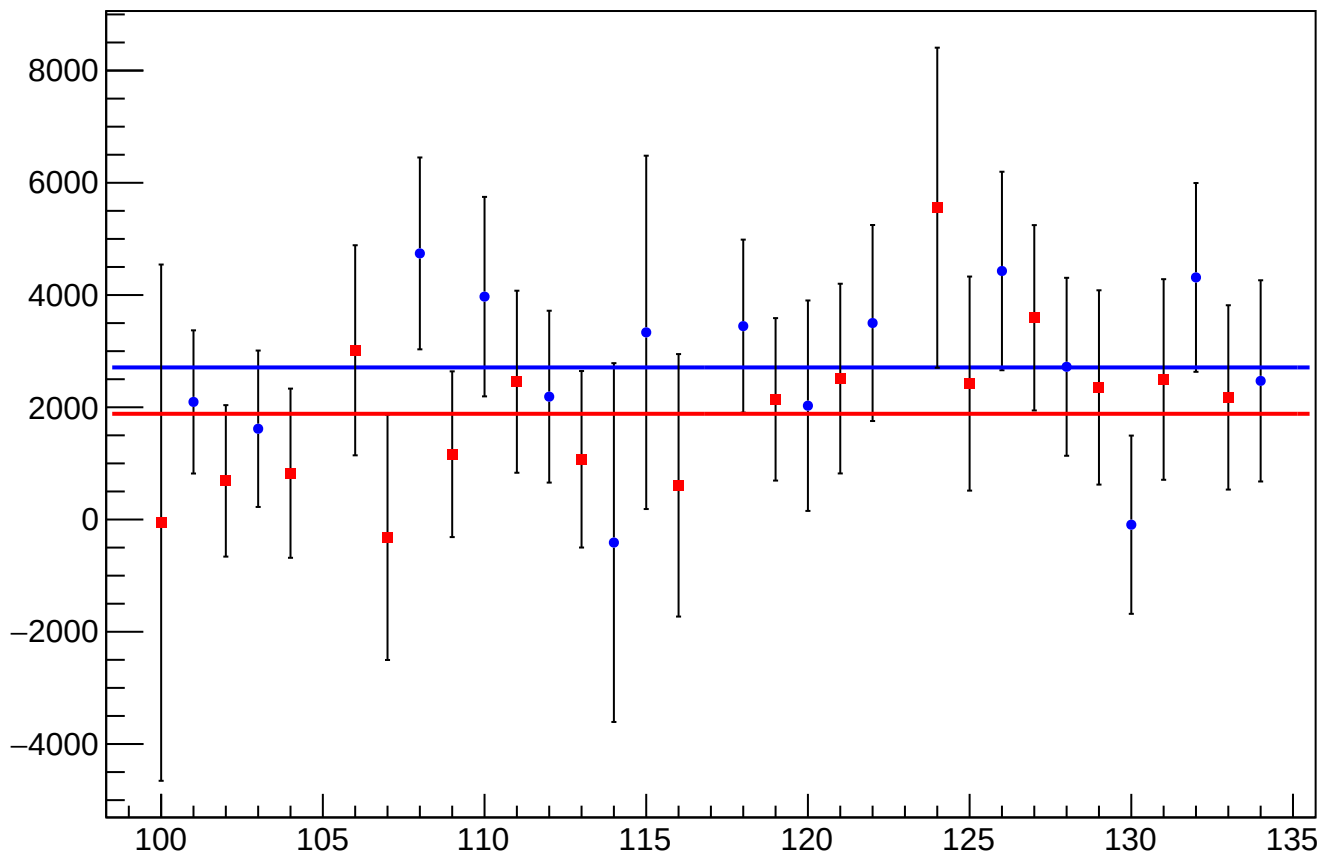
Right: 33.008+/-0.007 χ^2/NDF : 1167596.1/30

In: 33.136+/-0.010 χ^2/NDF : 422053.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.008+/-0.007 χ^2/NDF : 1167596.1/30

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

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

Right Out: 1883.984+/-423.839 χ^2/NDF : 7.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

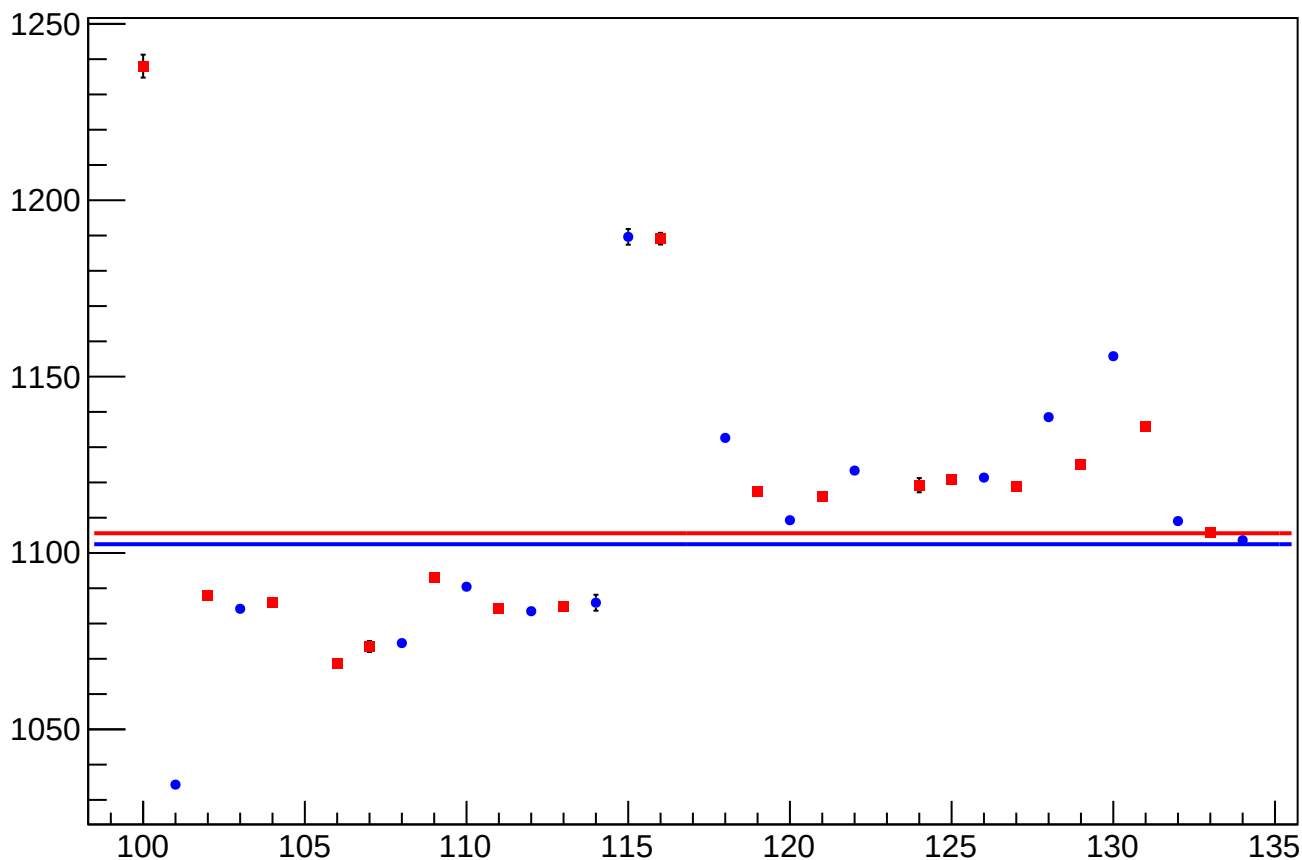
Right: 2284.031+/-304.394 χ^2/NDF : 18.2/31

In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.031+/-304.394 χ^2/NDF : 18.2/31

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

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

Right Out: 1105.596+/-0.300 χ^2/NDF : 8280.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

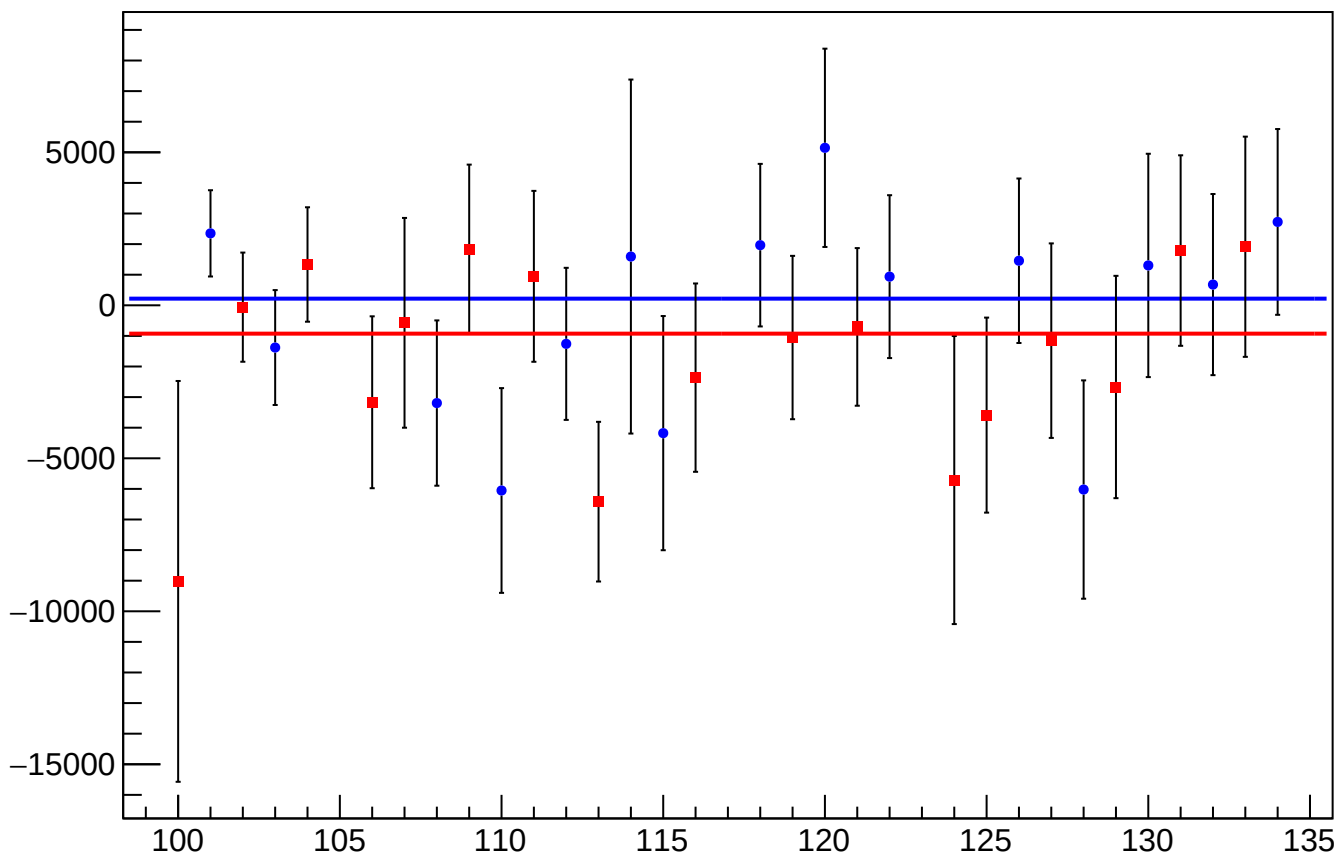
Right: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 217.841 $\pm$ 679.425 χ^2 /NDF: 16.7/14

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

Right Out: -926.327 $\pm$ 684.156 χ^2 /NDF: 13.3/16

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

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

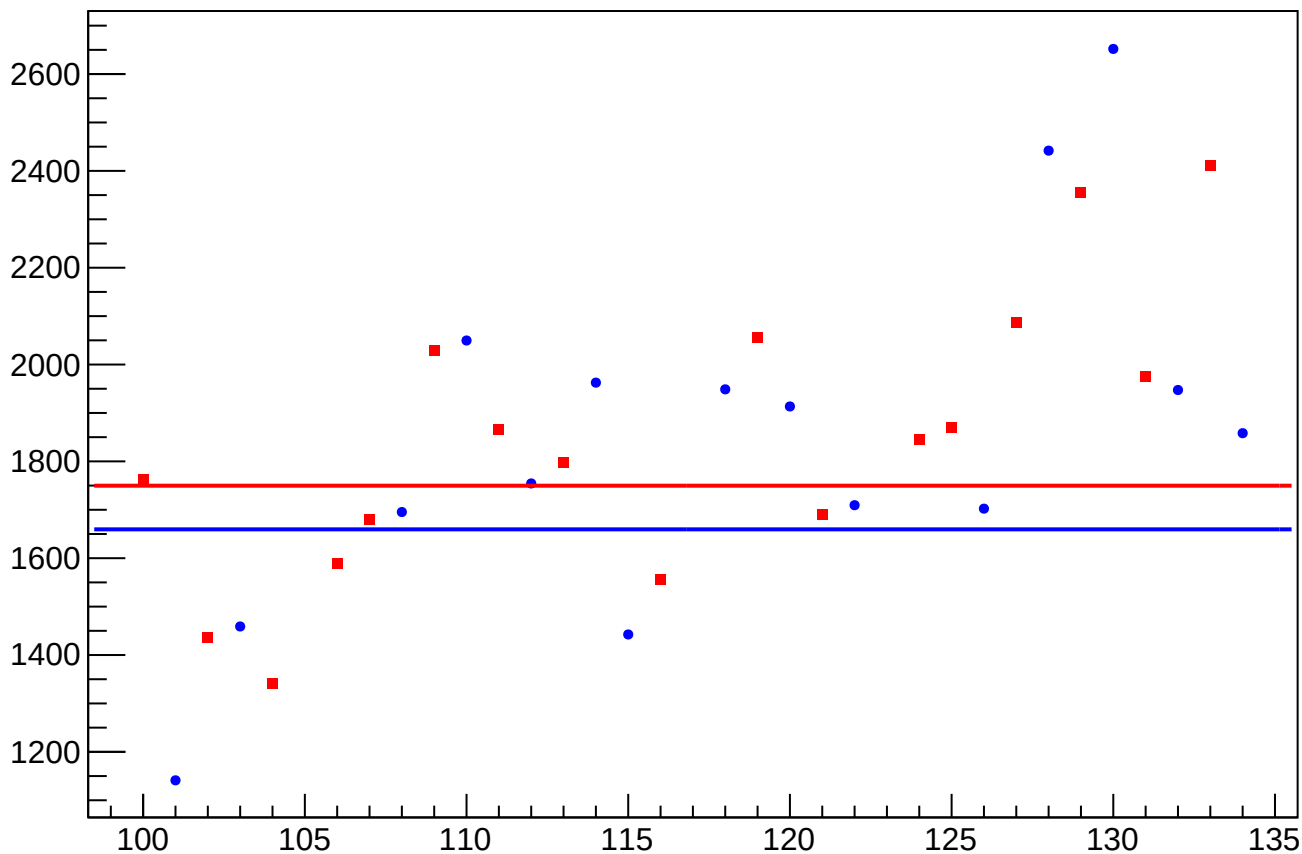
Right: -350.274 $\pm$ 482.090 χ^2 /NDF: 31.5/31

In: 217.841 $\pm$ 679.425 χ^2 /NDF:16.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -350.274 $\pm$ 482.090 χ^2 /NDF: 31.5/31

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

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

Right Out: 1749.763+/-0.484 χ^2/NDF : 384217.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

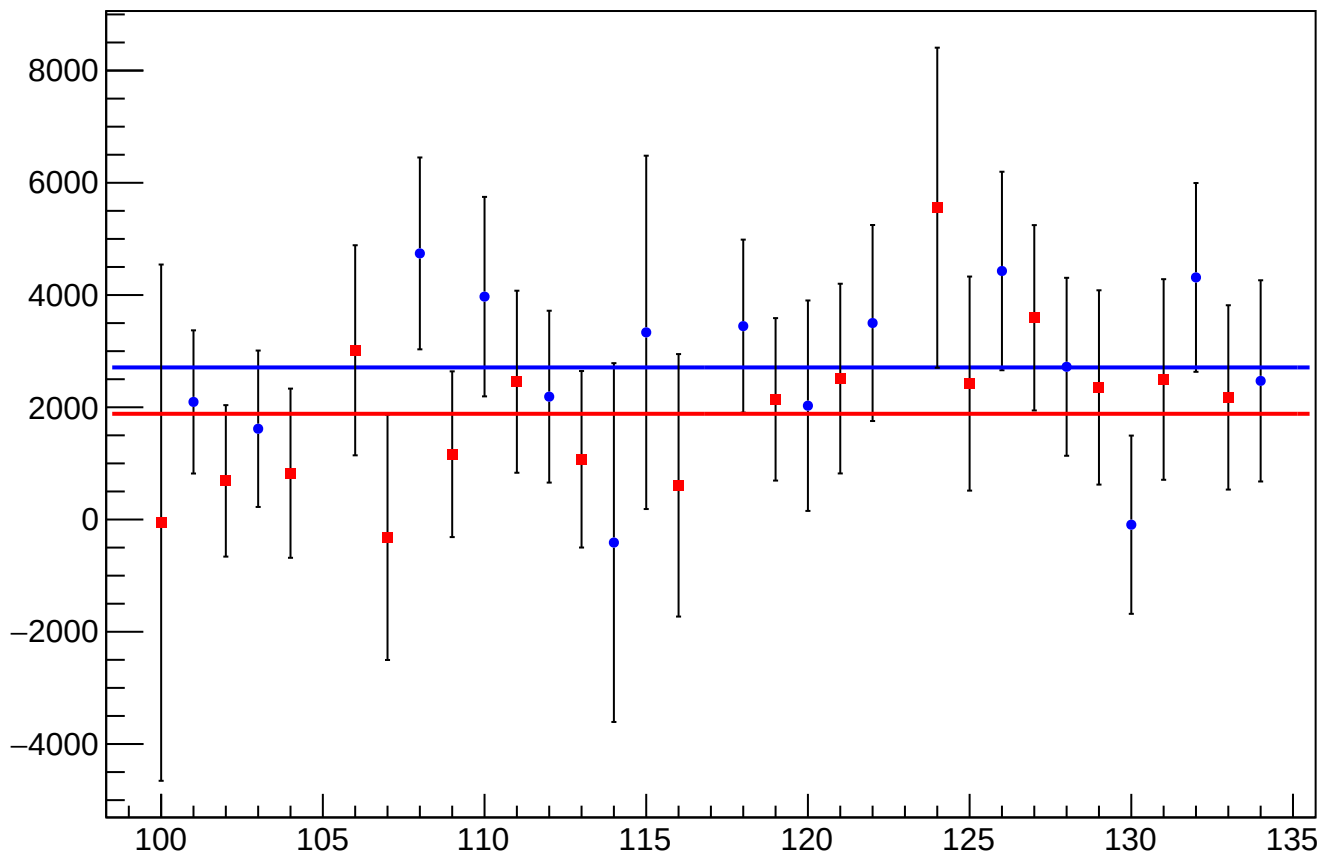
Right: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

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

Right Out: 1883.984+/-423.839 χ^2/NDF : 7.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

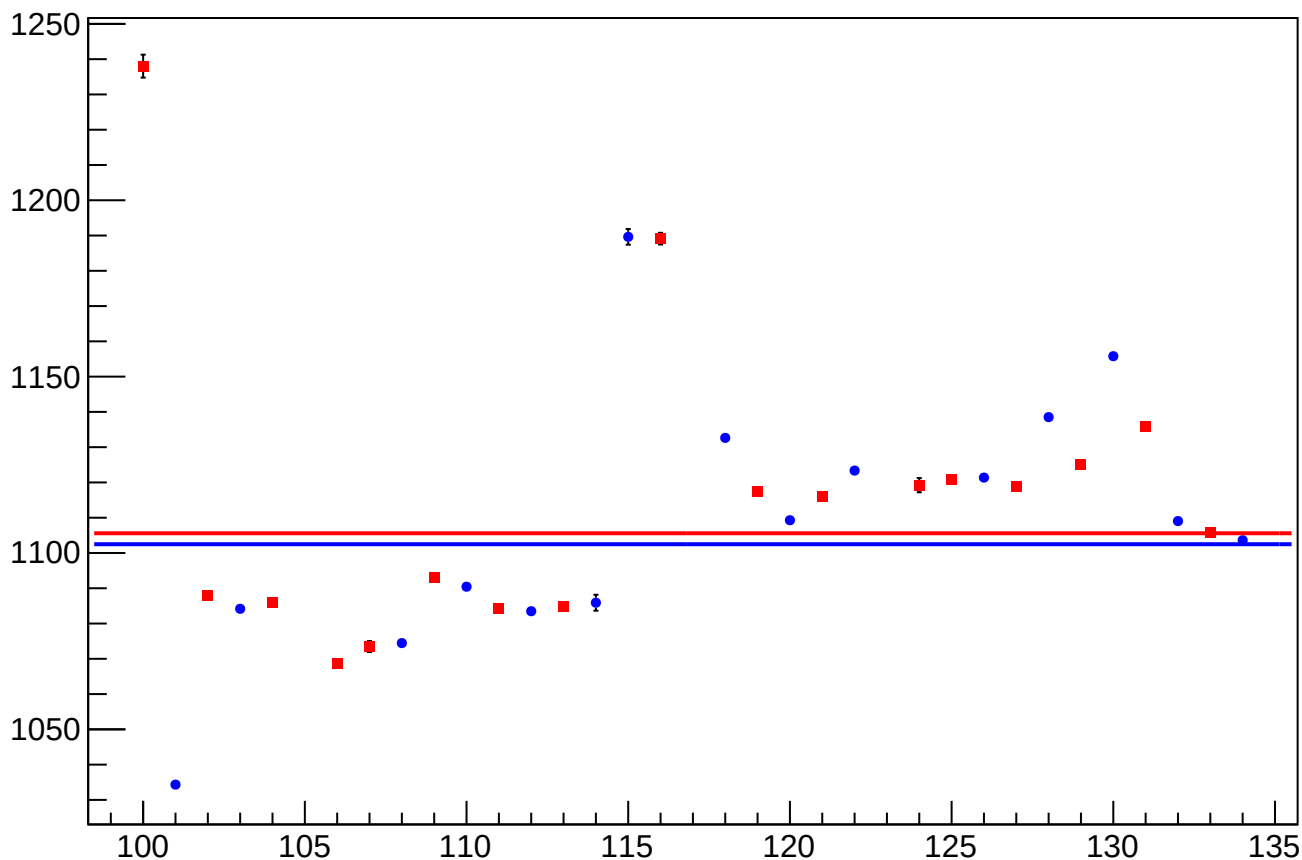
Right: 2284.031+/-304.394 χ^2/NDF : 18.2/31

In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.031+/-304.394 χ^2/NDF : 18.2/31

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

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

Right Out: 1105.596+/-0.300 χ^2/NDF : 8280.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

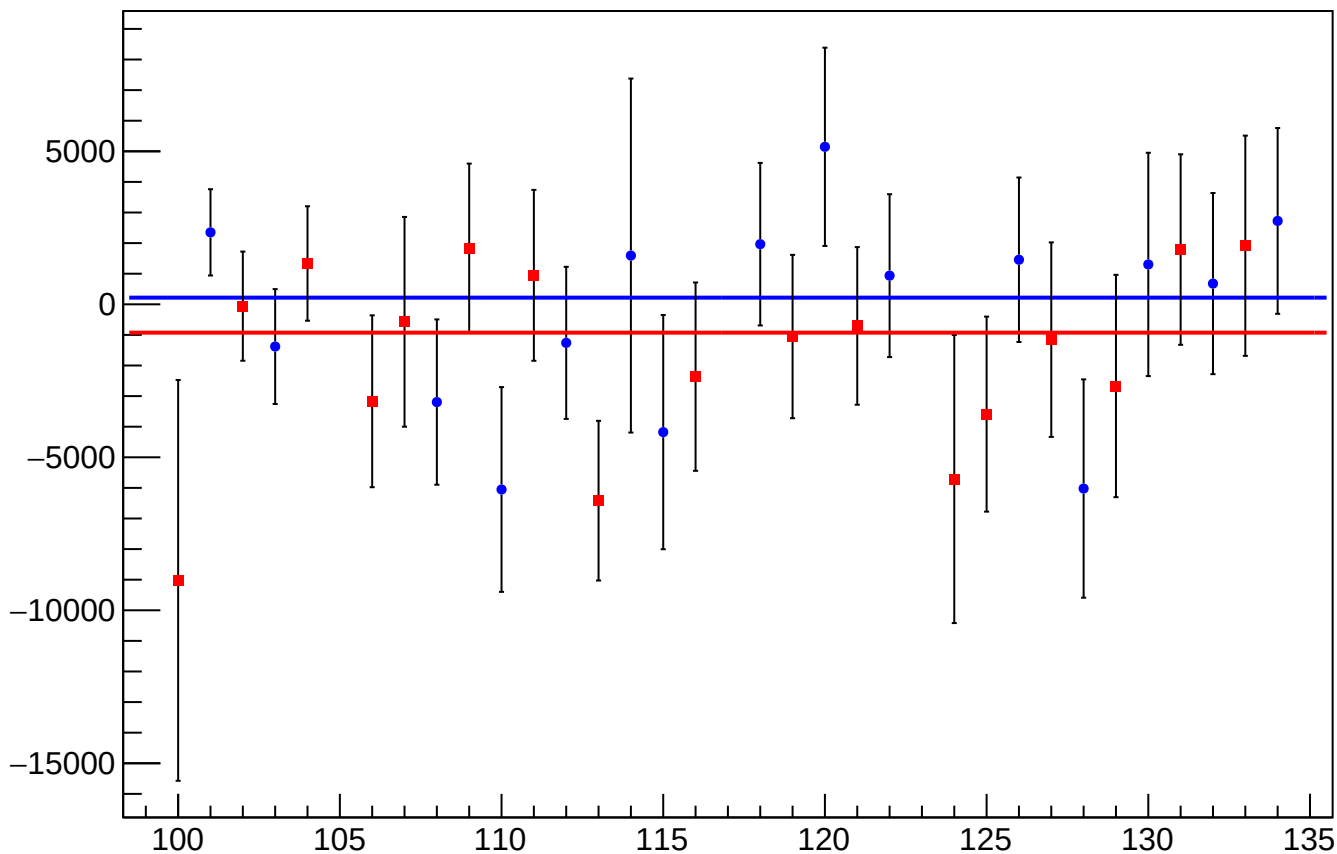
Right: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 217.841 $\pm$ 679.425 χ^2 /NDF: 16.7/14

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

Right Out: -926.327 $\pm$ 684.156 χ^2 /NDF: 13.3/16

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

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

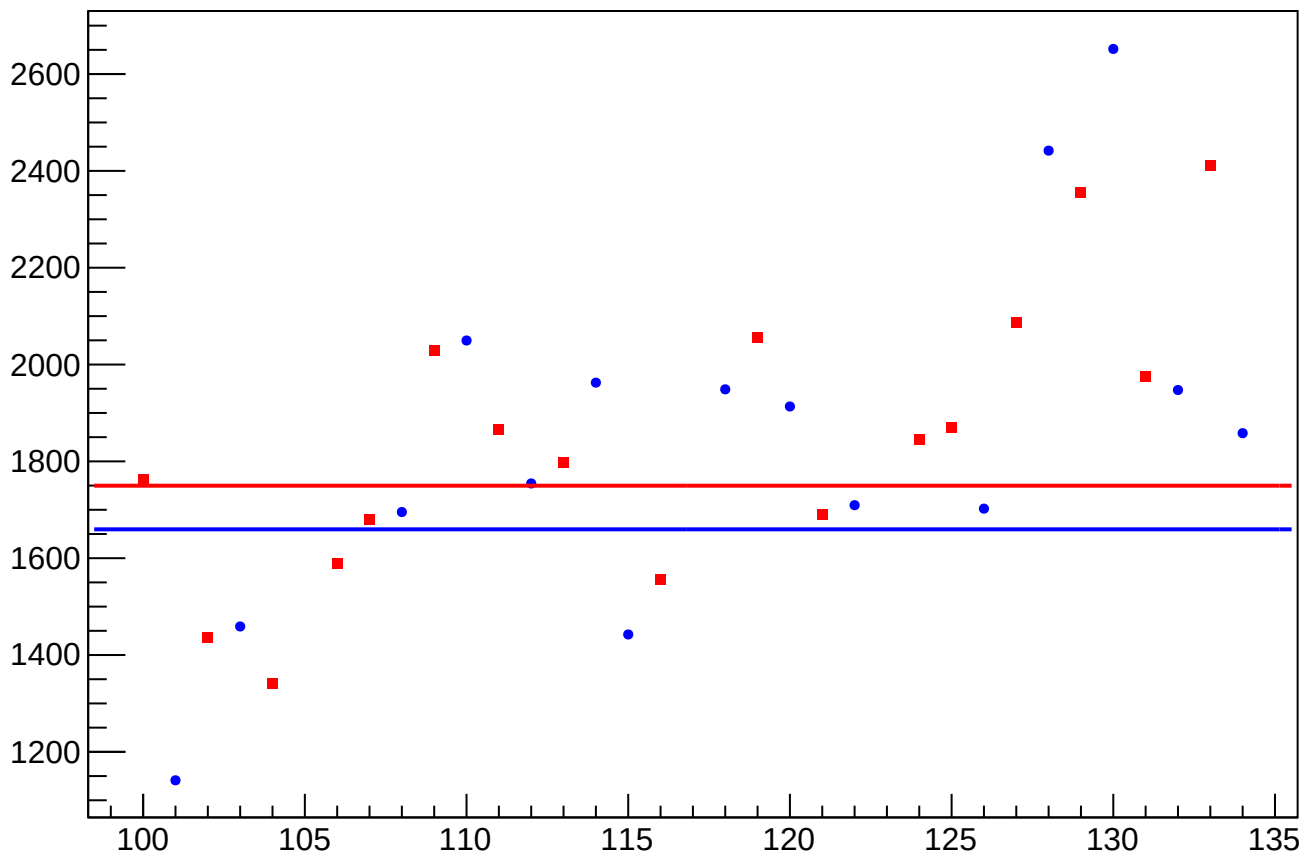
Right: -350.274 $\pm$ 482.090 χ^2 /NDF: 31.5/31

In: 217.841 $\pm$ 679.425 χ^2 /NDF:16.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -350.274 $\pm$ 482.090 χ^2 /NDF: 31.5/31

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

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

Right Out: 1749.763+/-0.484 χ^2/NDF : 384217.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

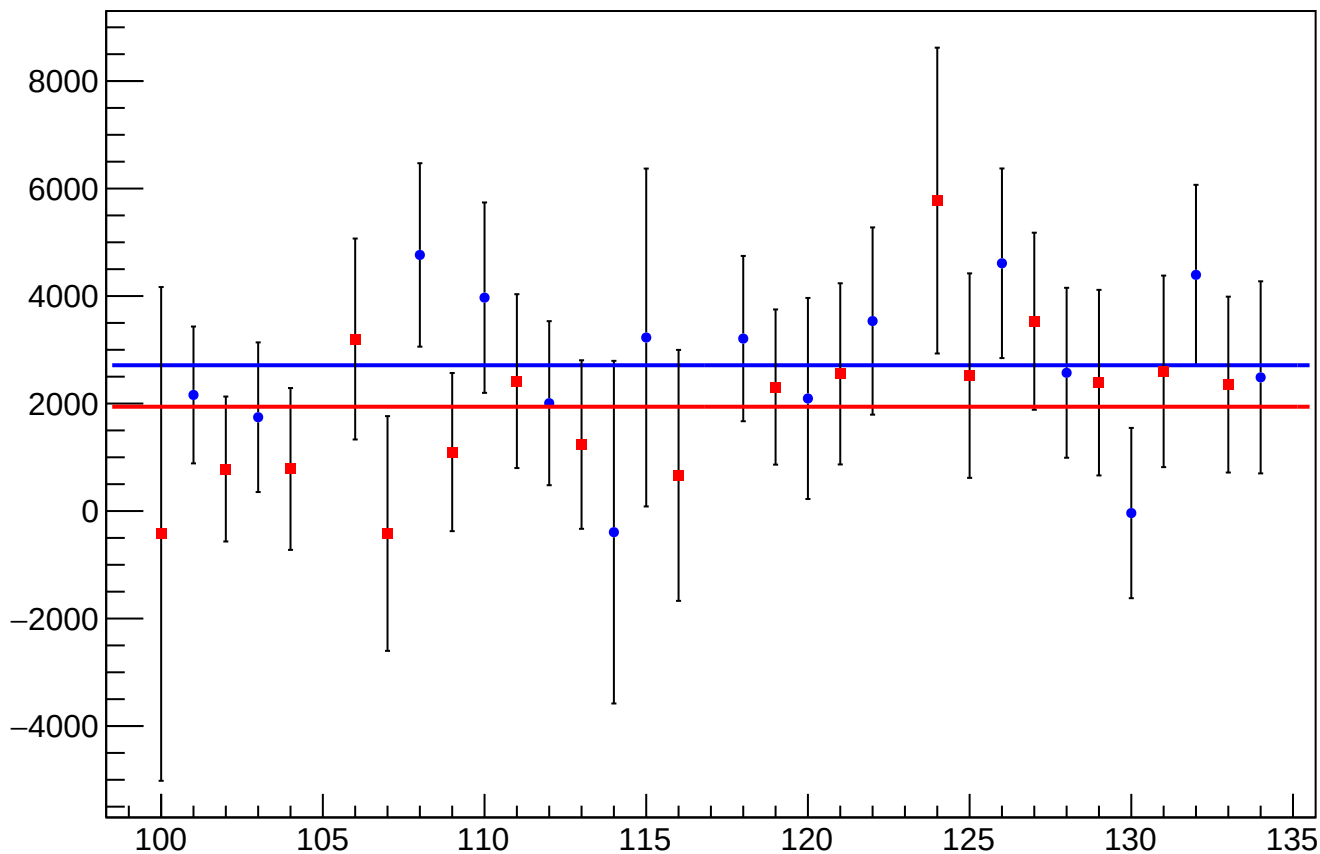
Right: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2712.573+/-436.341 χ^2/NDF : 9.5/14

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

Right Out: 1940.899+/-422.817 χ^2/NDF : 7.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

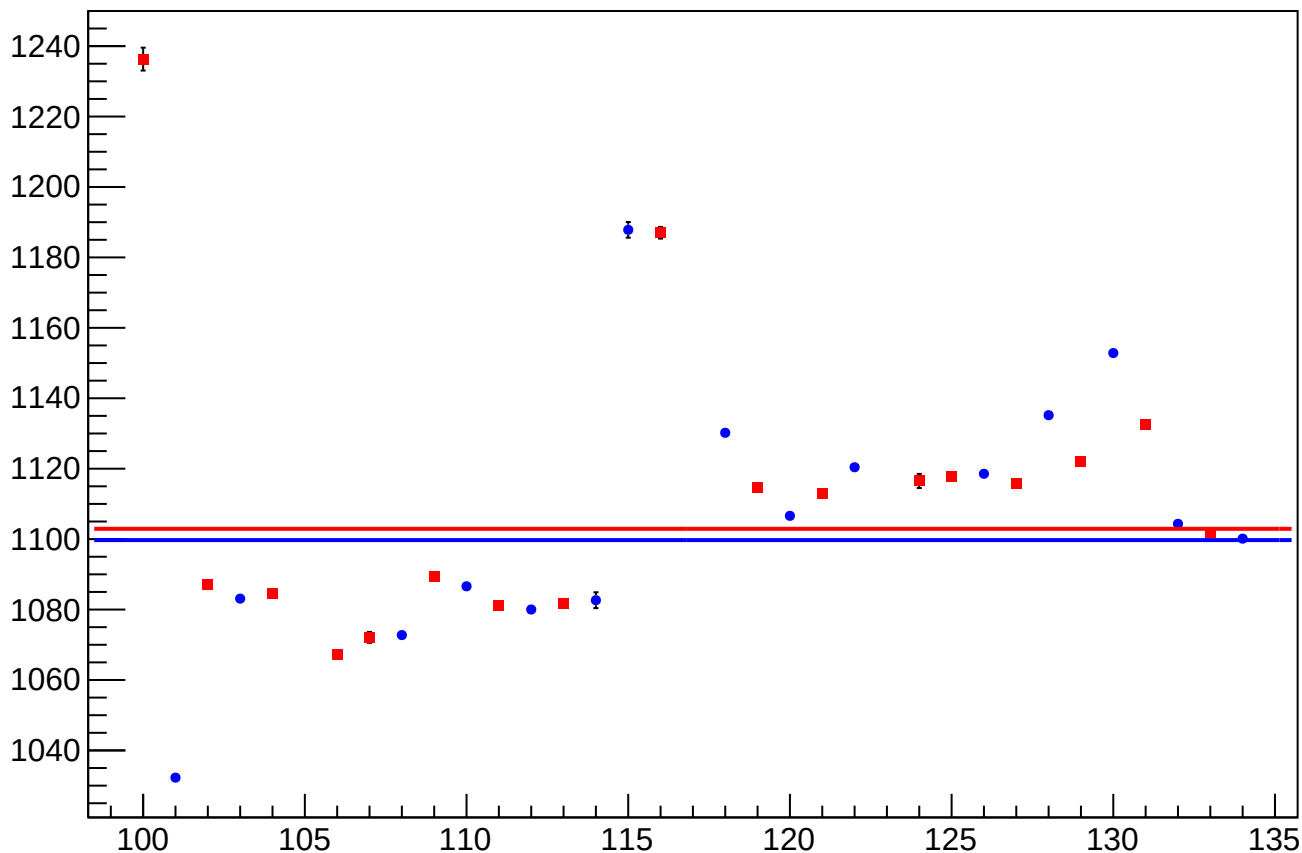
Right: 2314.592+/-303.645 χ^2/NDF : 18.5/31

In: 2712.573+/-436.341 χ^2/NDF : 9.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2314.592+/-303.645 χ^2/NDF : 18.5/31

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1099.726+/-0.309 χ^2/NDF : 13065.8/14

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

Right Out: 1102.932+/-0.299 χ^2/NDF : 8166.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

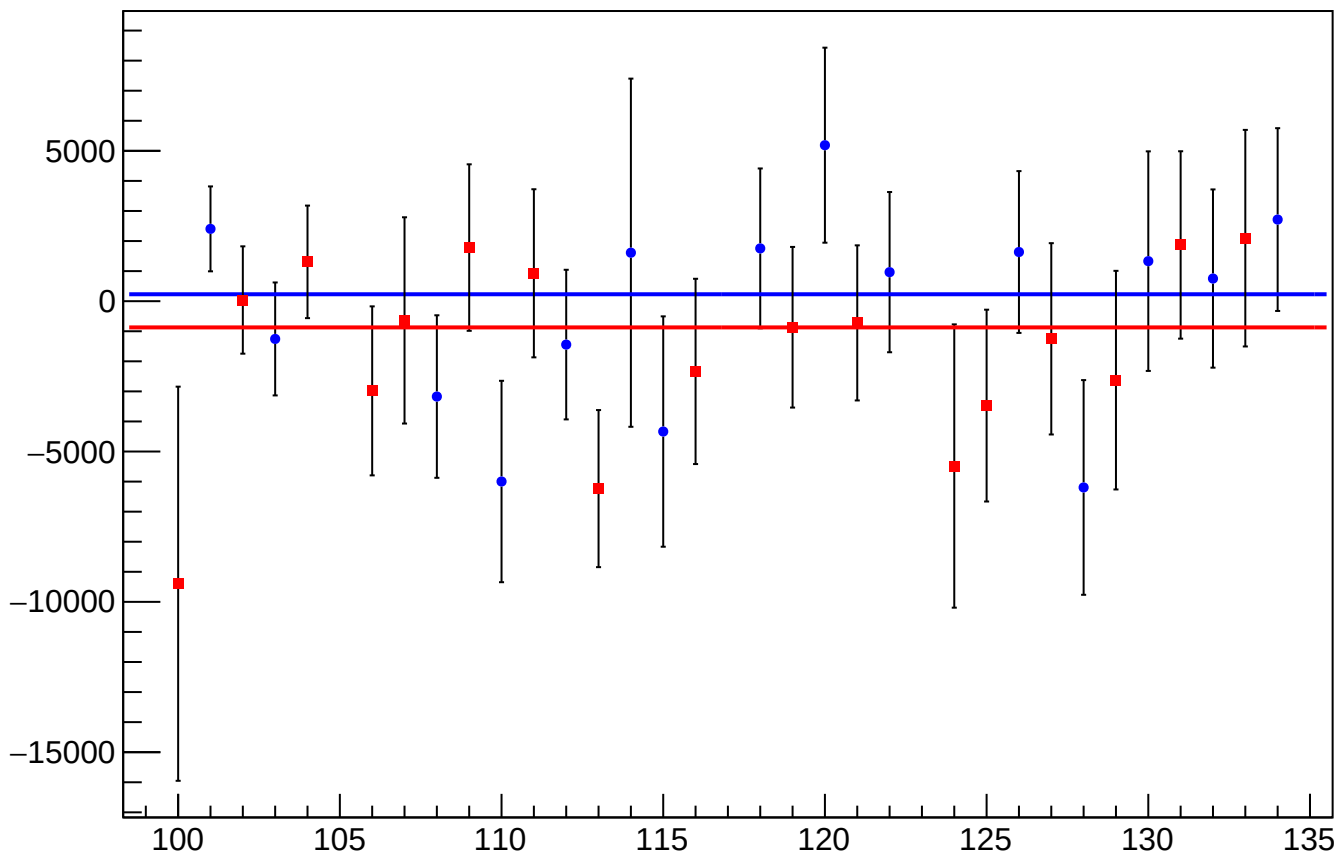
Right: 1101.380+/-0.215 χ^2/NDF : 21288.2/31

In: 1099.726+/-0.309 χ^2/NDF : 13065.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.380+/-0.215 χ^2/NDF : 21288.2/31

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 230.486+/-680.155 χ^2/NDF : 17.0/14

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

Right Out: -872.016+/-684.726 χ^2/NDF : 13.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

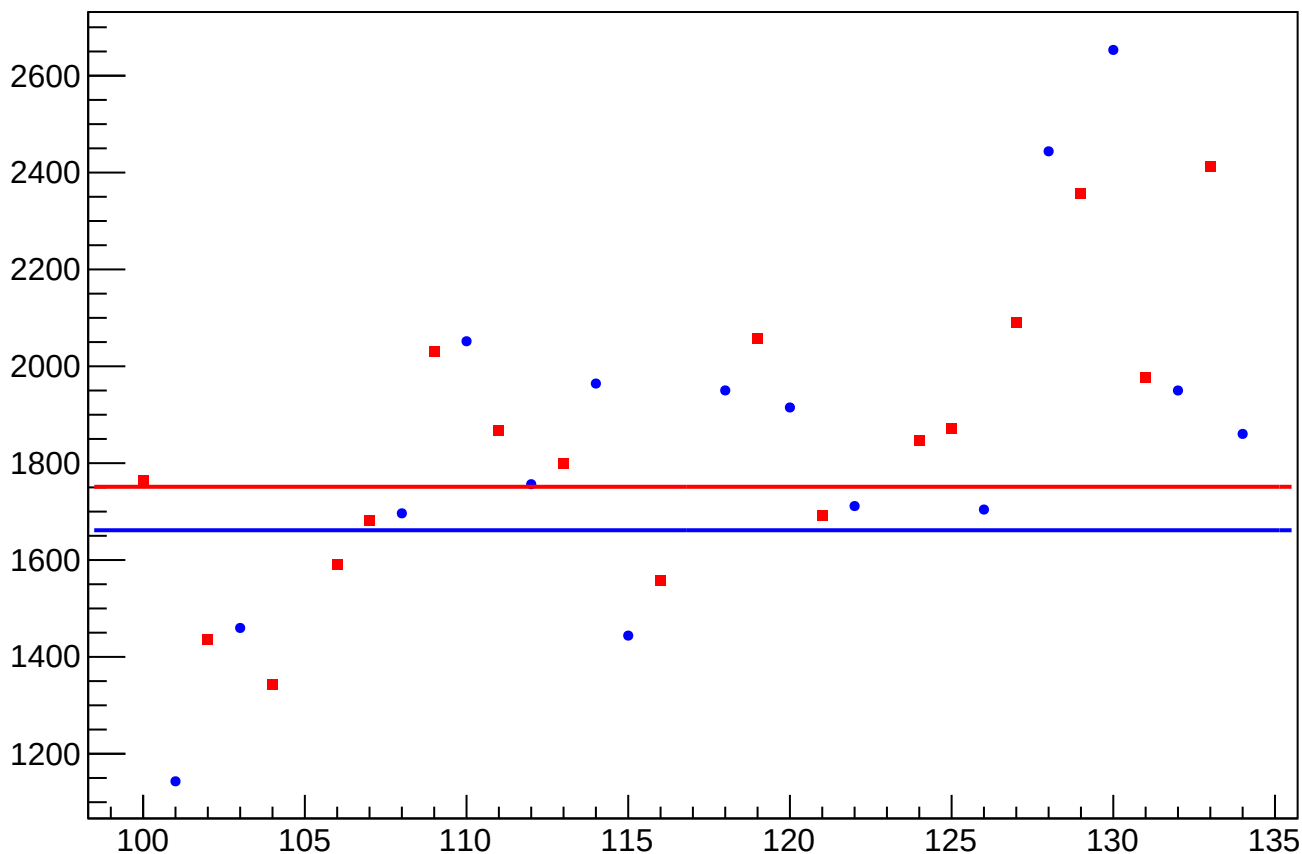
Right: -317.072+/-482.550 χ^2/NDF : 31.3/31

In: 230.486+/-680.155 χ^2/NDF : 17.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.072+/-482.550 χ^2/NDF : 31.3/31

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1661.491+/-0.481 χ^2/NDF : 643083.9/14

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

Right Out: 1751.229+/-0.484 χ^2/NDF : 384432.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

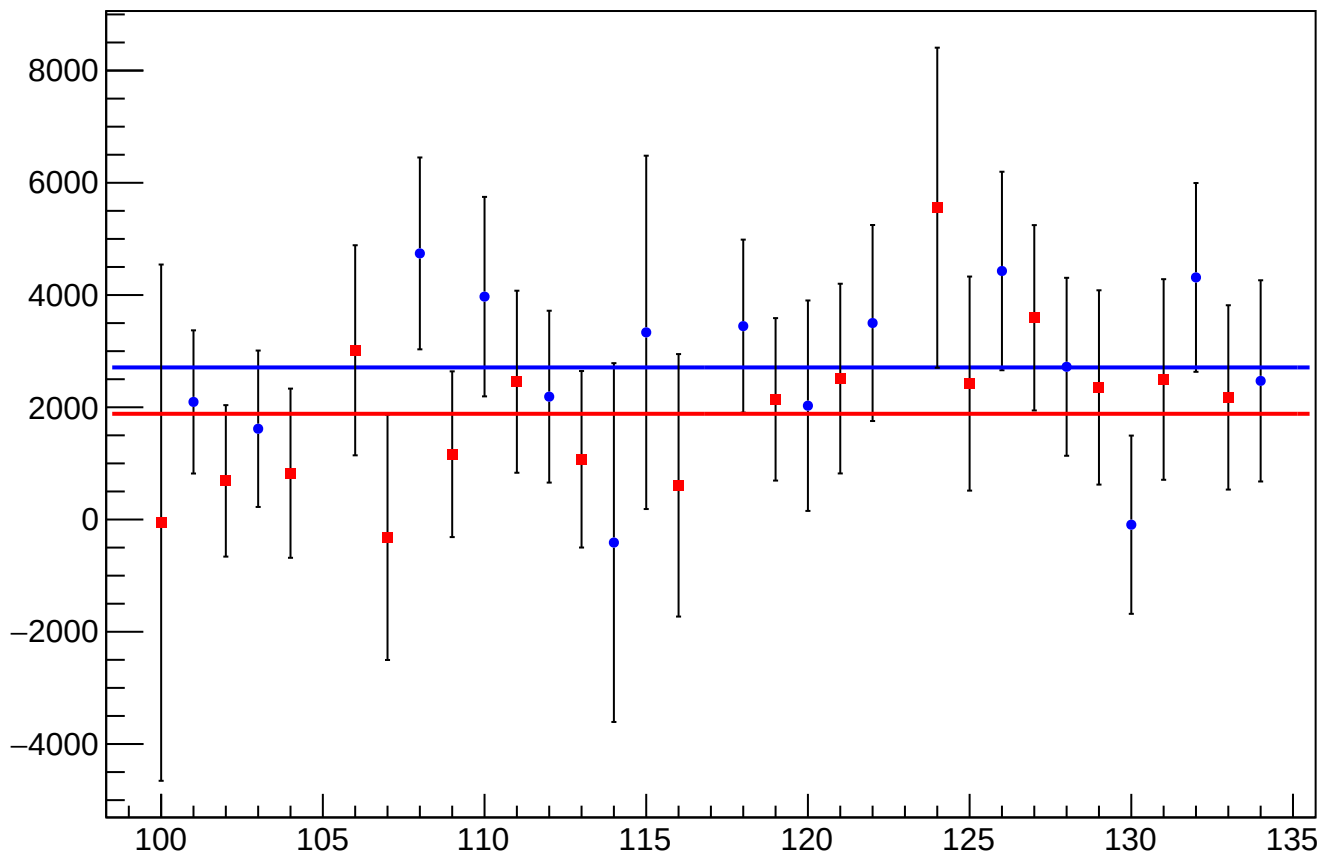
Right: 1706.059+/-0.341 χ^2/NDF : 1044807.6/31

In: 1661.491+/-0.481 χ^2/NDF : 643083.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.059+/-0.341 χ^2/NDF : 1044807.6/31

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

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

Right Out: 1883.984+/-423.839 χ^2/NDF : 7.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

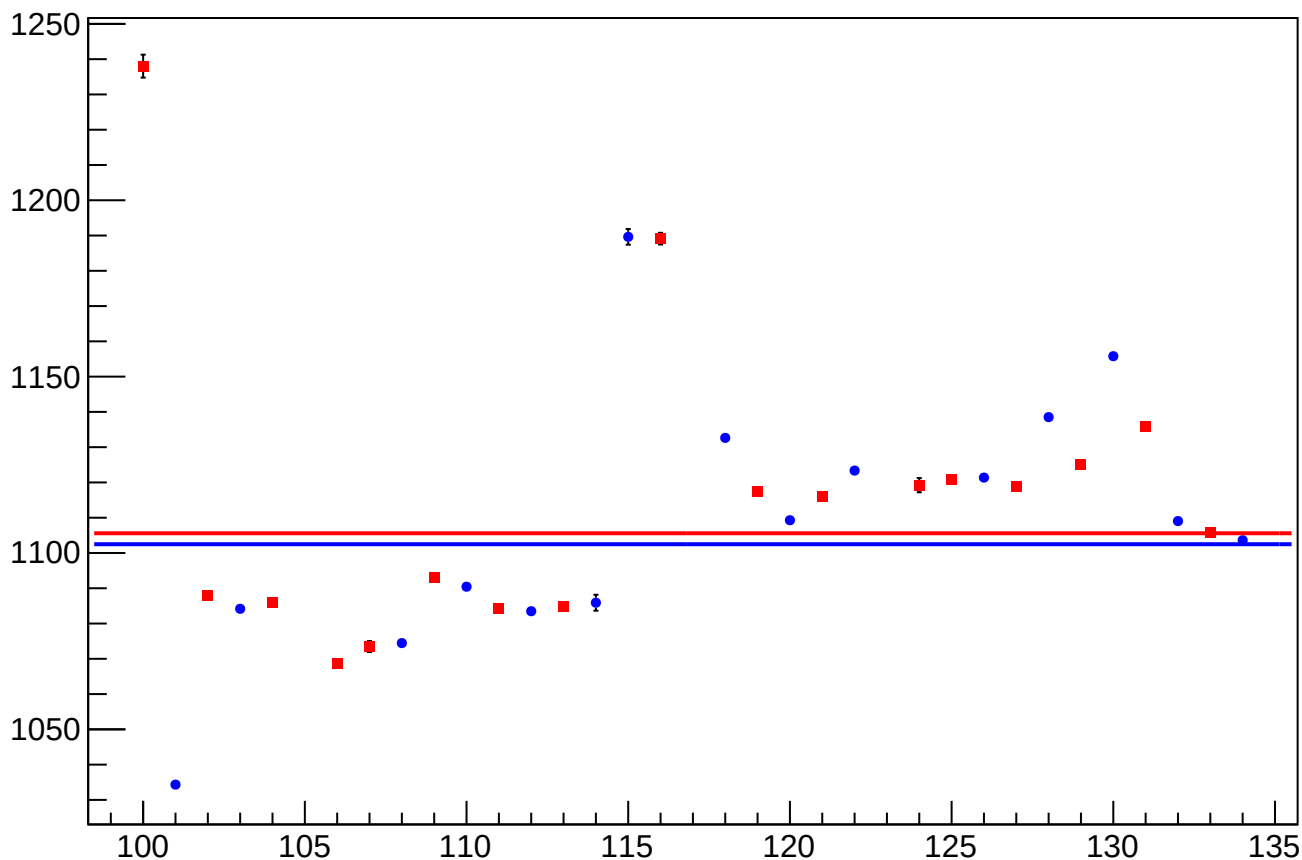
Right: 2284.031+/-304.394 χ^2/NDF : 18.2/31

In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.031+/-304.394 χ^2/NDF : 18.2/31

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

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

Right Out: 1105.596+/-0.300 χ^2/NDF : 8280.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

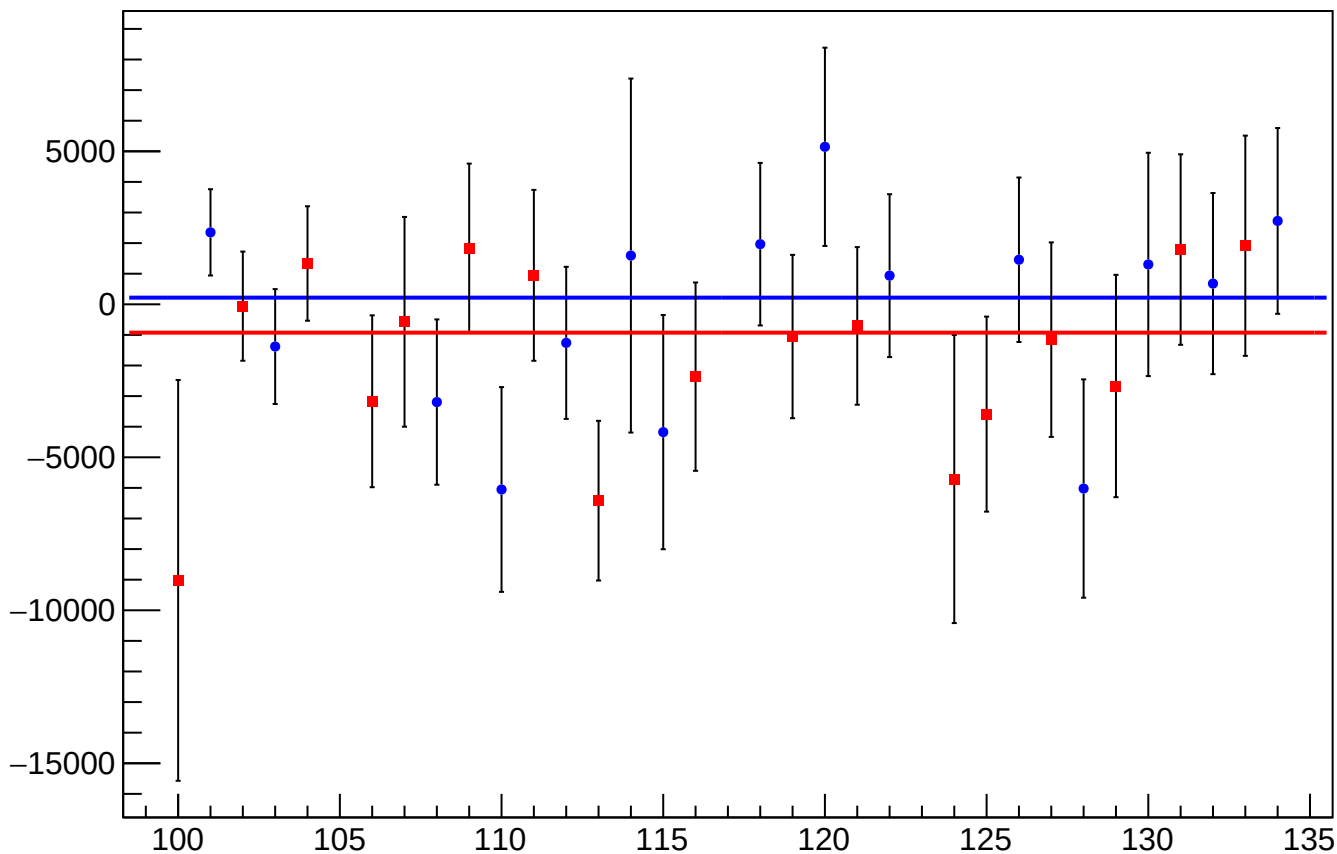
Right: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

In: 1102.487+/-0.309 χ^2/NDF :13202.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 217.841 $\pm$ 679.425 χ^2 /NDF: 16.7/14

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

Right Out: -926.327 $\pm$ 684.156 χ^2 /NDF: 13.3/16

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

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

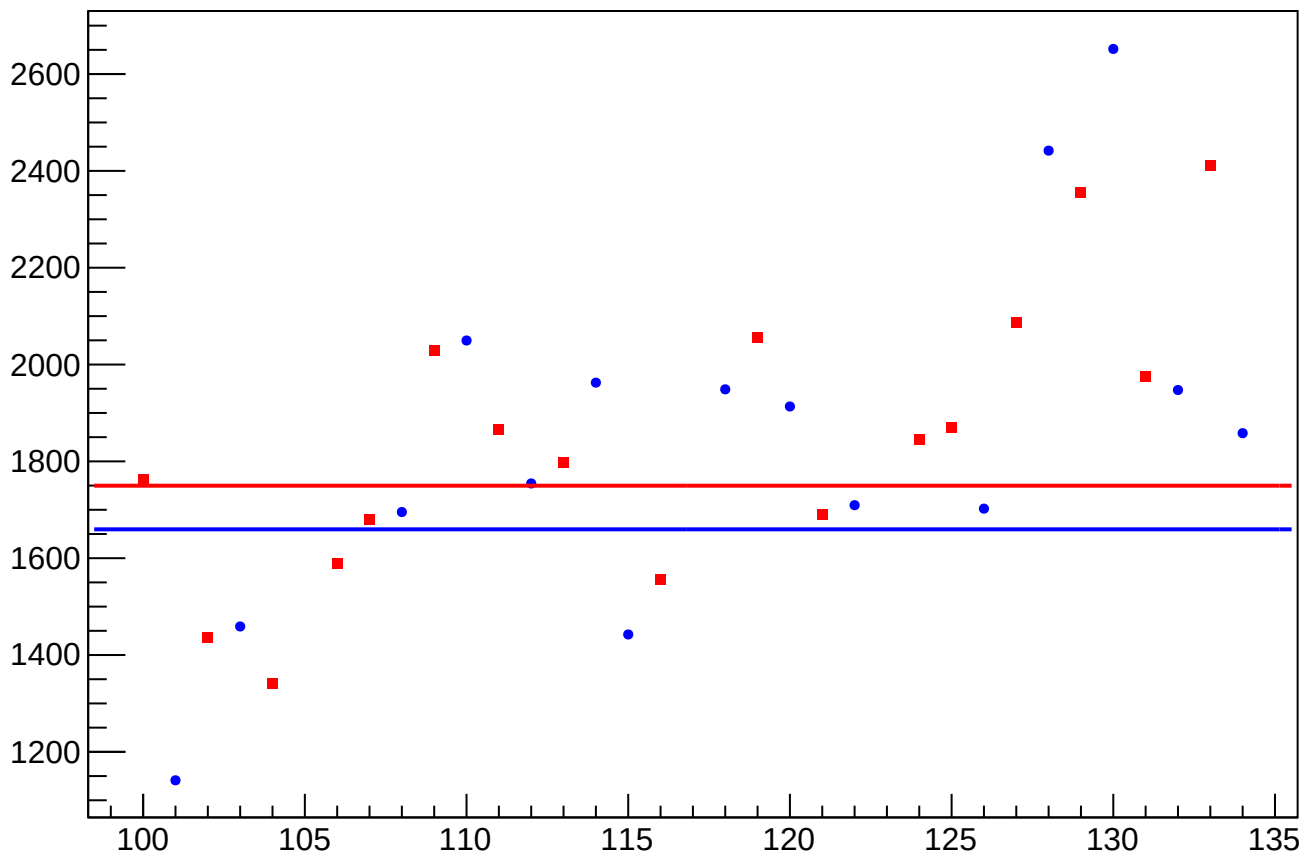
Right: -350.274 $\pm$ 482.090 χ^2 /NDF: 31.5/31

In: 217.841 $\pm$ 679.425 χ^2 /NDF:16.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -350.274 $\pm$ 482.090 χ^2 /NDF: 31.5/31

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

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

Right Out: 1749.763+/-0.484 χ^2/NDF : 384217.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

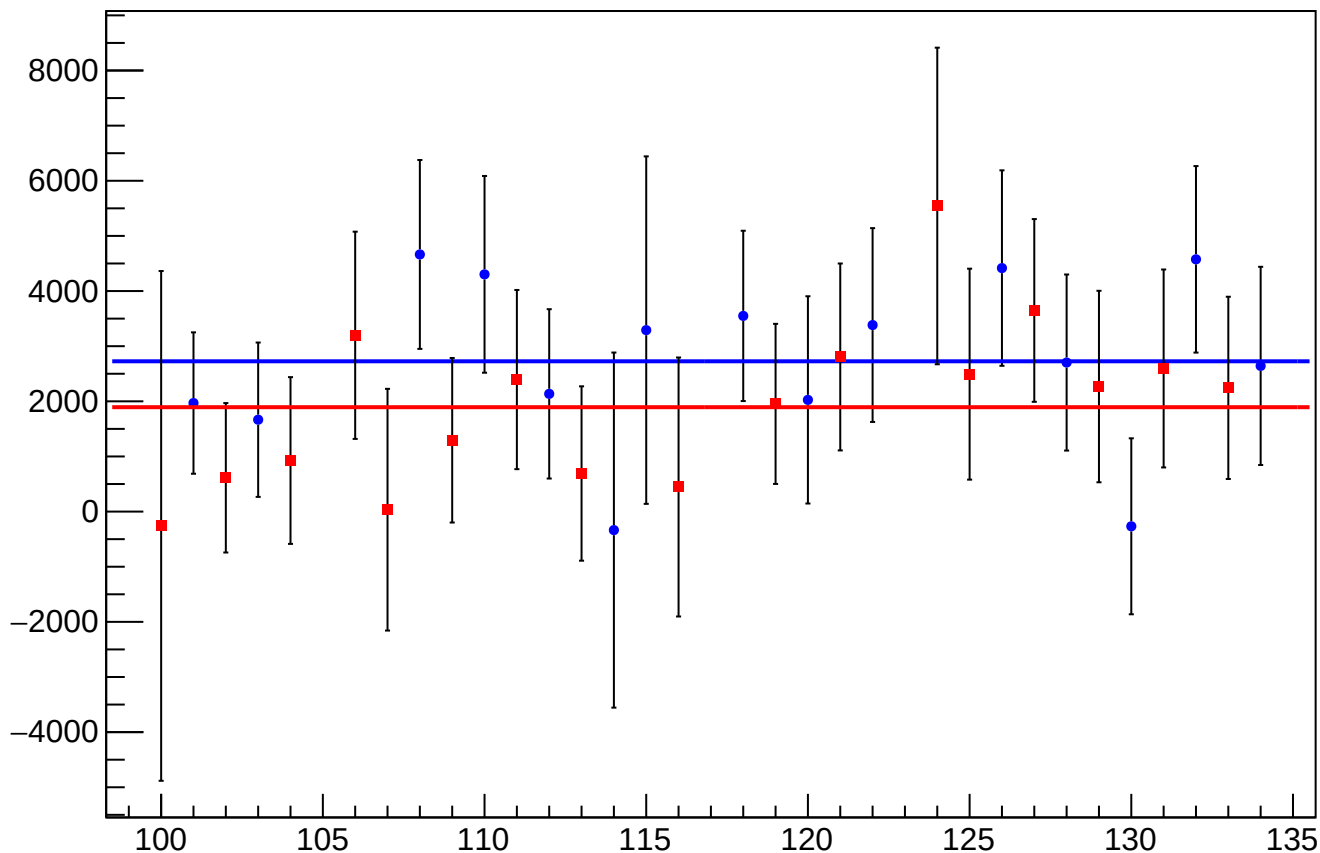
Right: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2725.985+/-439.238 χ^2/NDF : 10.3/14

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

Right Out: 1893.451+/-425.692 χ^2/NDF : 7.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

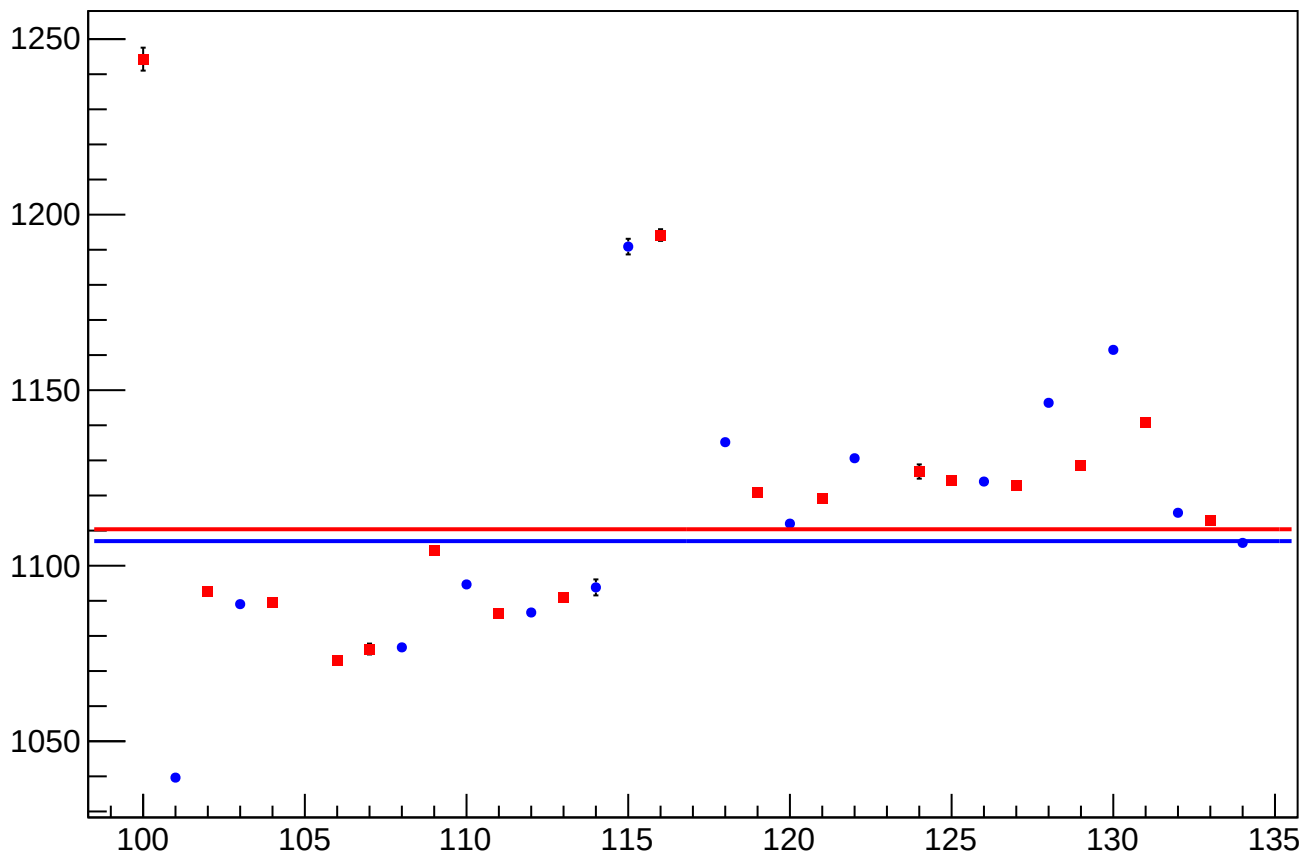
Right: 2296.683+/-305.687 χ^2/NDF : 19.4/31

In: 2725.985+/-439.238 χ^2/NDF : 10.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.683+/-305.687 χ^2/NDF : 19.4/31

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1107.006+/-0.311 χ^2/NDF : 13189.4/14

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

Right Out: 1110.386+/-0.301 χ^2/NDF : 8248.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

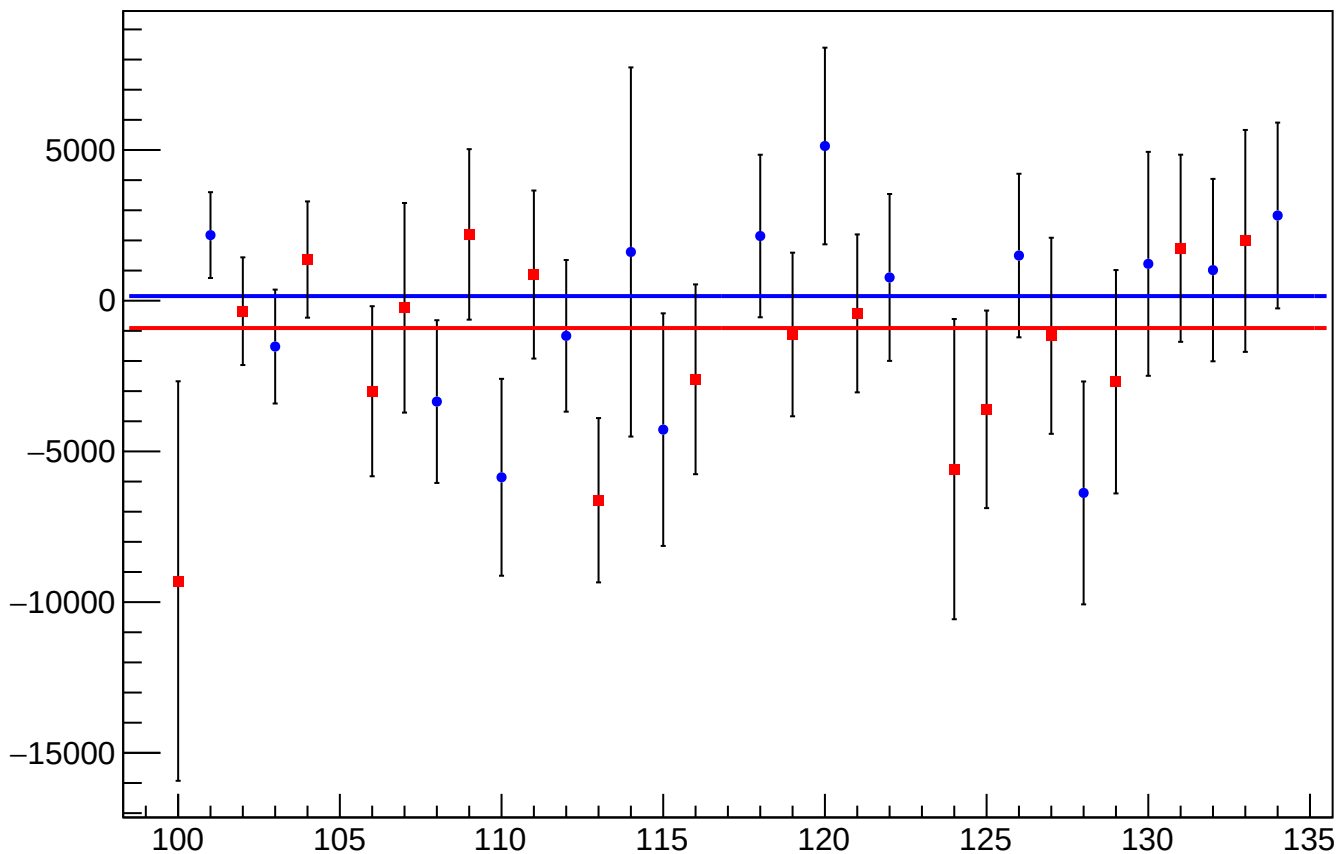
Right: 1108.749+/-0.216 χ^2/NDF : 21499.0/31

In: 1107.006+/-0.311 χ^2/NDF :13189.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1108.749+/-0.216 χ^2/NDF : 21499.0/31

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 152.946+/-687.713 χ^2/NDF : 16.7/14

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

Right Out: -907.155+/-696.325 χ^2/NDF : 13.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

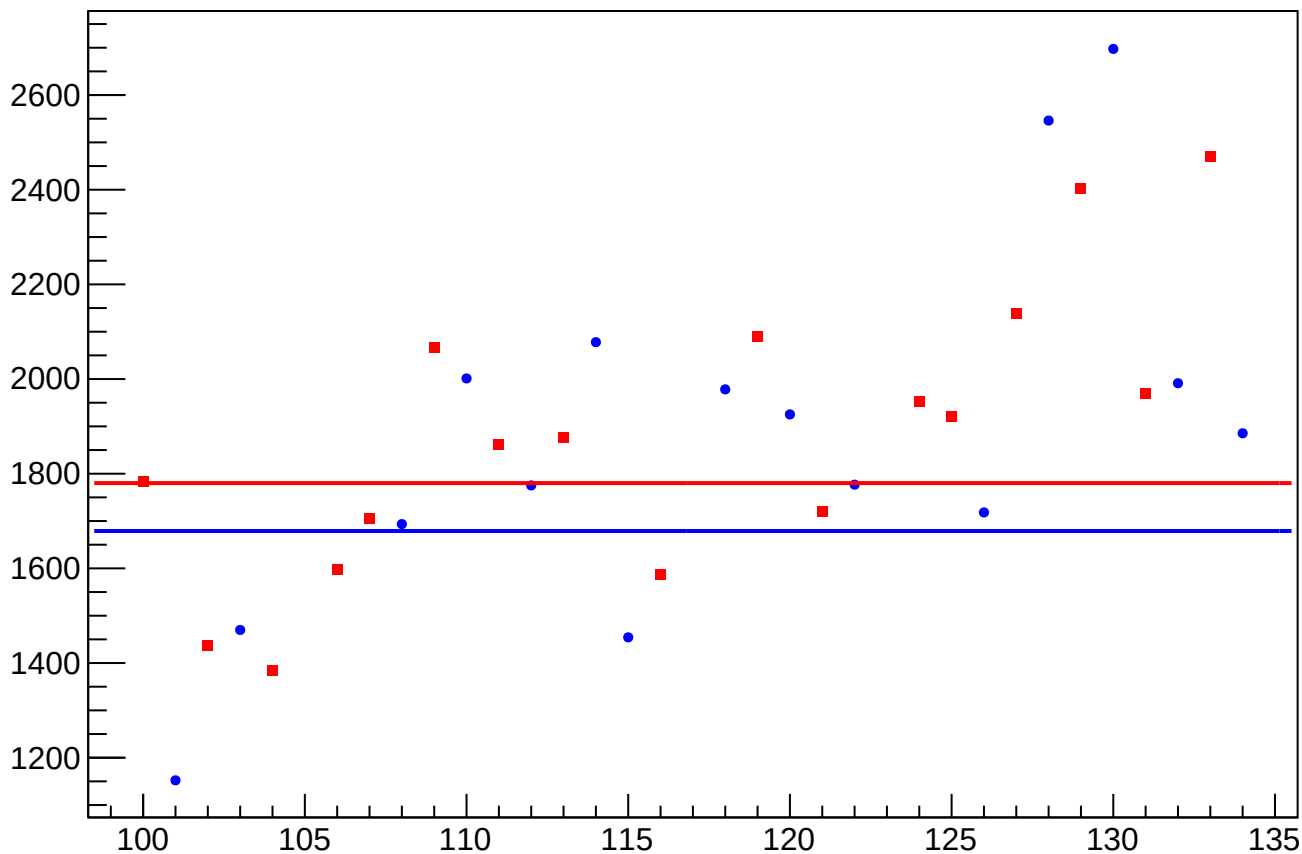
Right: -370.509+/-489.303 χ^2/NDF : 31.1/31

In: 152.946+/-687.713 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.509+/-489.303 χ^2/NDF : 31.1/31

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1678.966+/-0.486 χ^2/NDF : 665616.0/14

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

Right Out: 1780.156+/-0.492 χ^2/NDF : 391477.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

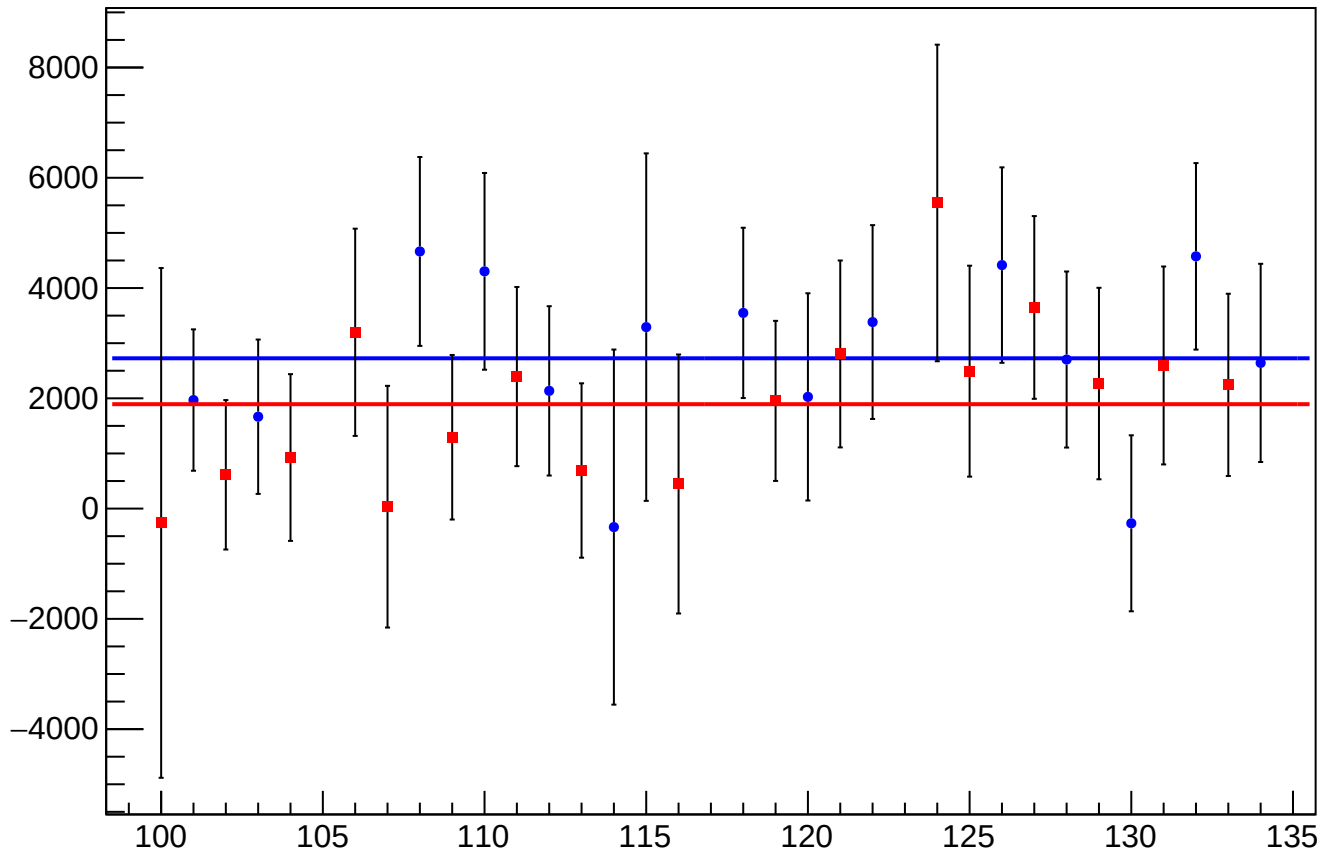
Right: 1728.931+/-0.346 χ^2/NDF : 1078475.0/31

In: 1678.966+/-0.486 χ^2/NDF : 665616.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.931+/-0.346 χ^2/NDF : 1078475.0/31

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2725.987 $\pm$ 439.238 χ^2 /NDF: 10.3/14

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

Right Out: 1893.455 $\pm$ 425.692 χ^2 /NDF: 7.3/16

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

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

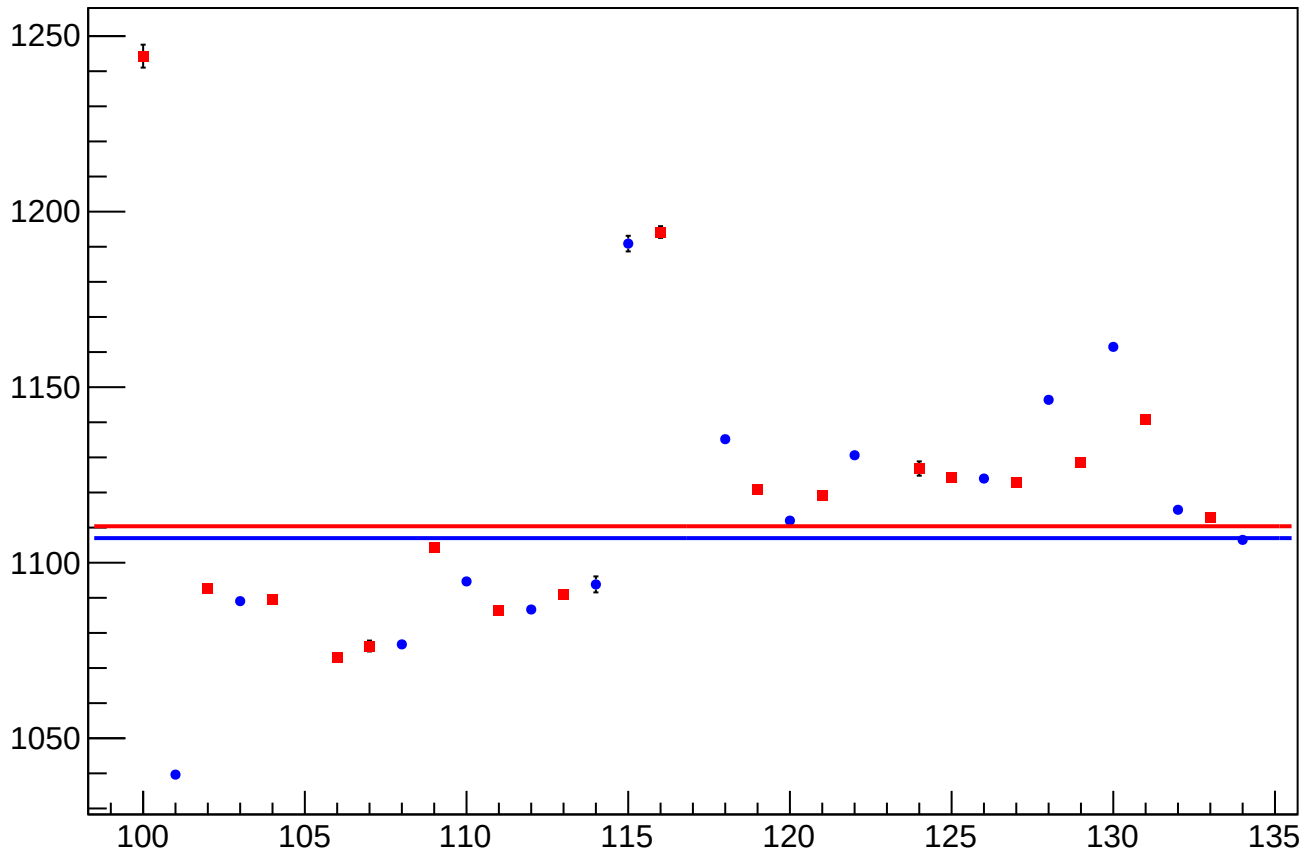
Right: 2296.685 $\pm$ 305.687 χ^2 /NDF: 19.4/31

In: 2725.987 $\pm$ 439.238 χ^2 /NDF:10.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2296.685 $\pm$ 305.687 χ^2 /NDF: 19.4/31

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1107.005+/-0.311 χ^2/NDF : 13189.3/14

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

Right Out: 1110.386+/-0.301 χ^2/NDF : 8248.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

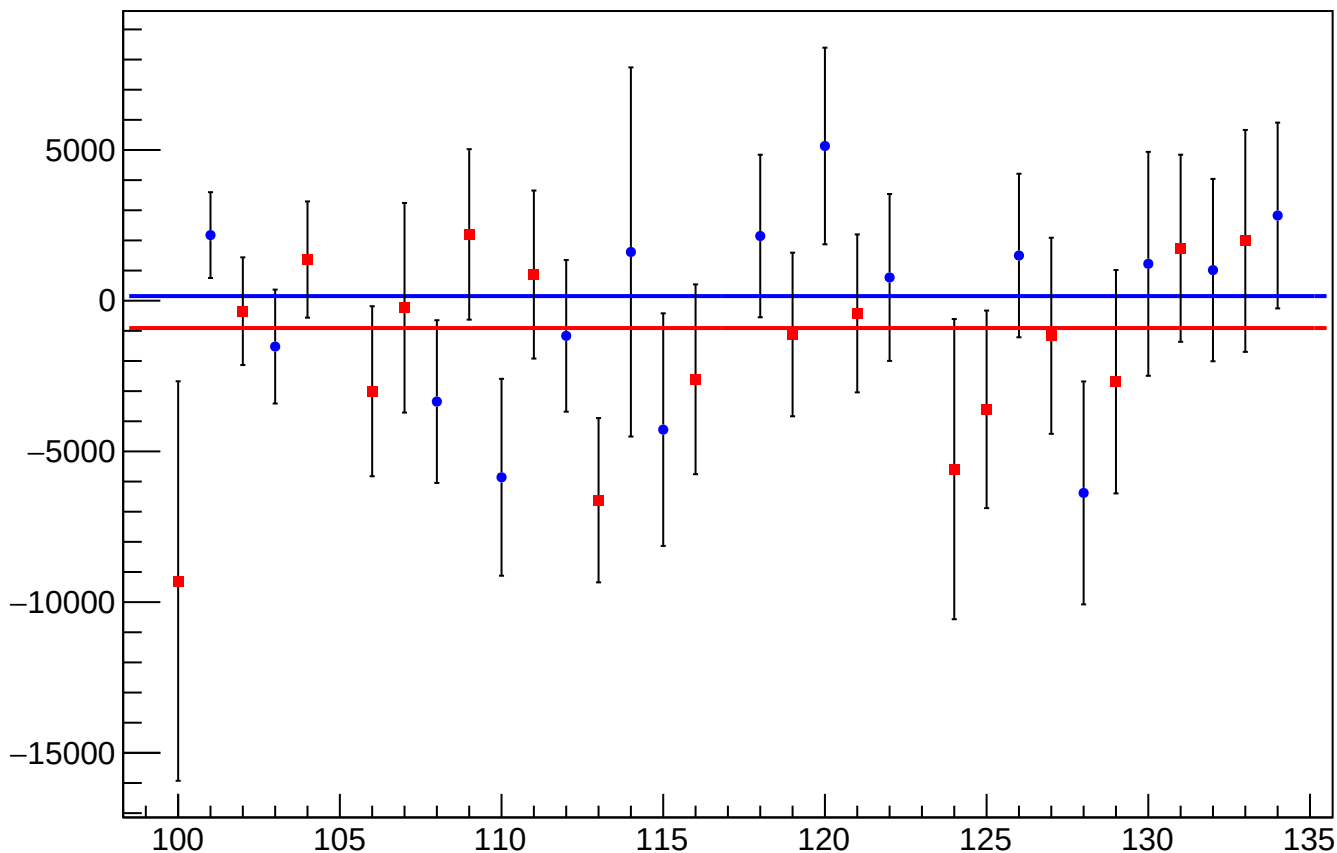
Right: 1108.748+/-0.216 χ^2/NDF : 21498.9/31

In: 1107.005+/-0.311 χ^2/NDF : 13189.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.748+/-0.216 χ^2/NDF : 21498.9/31

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 152.944+/-687.711 χ^2/NDF : 16.7/14

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

Right Out: -907.157+/-696.324 χ^2/NDF : 13.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

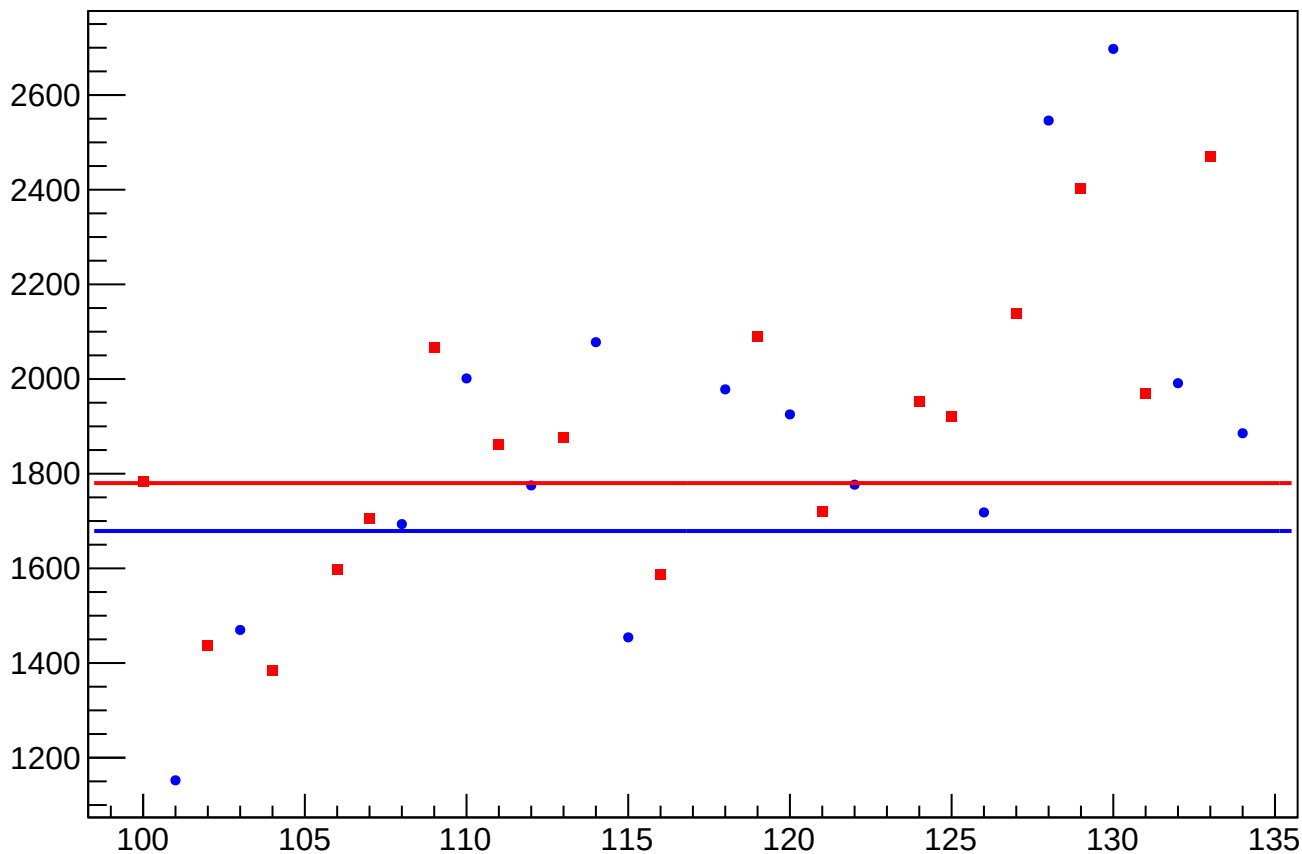
Right: -370.510+/-489.302 χ^2/NDF : 31.1/31

In: 152.944+/-687.711 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.510+/-489.302 χ^2/NDF : 31.1/31

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1678.963+/-0.486 χ^2/NDF : 665605.3/14

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

Right Out: 1780.155+/-0.492 χ^2/NDF : 391466.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

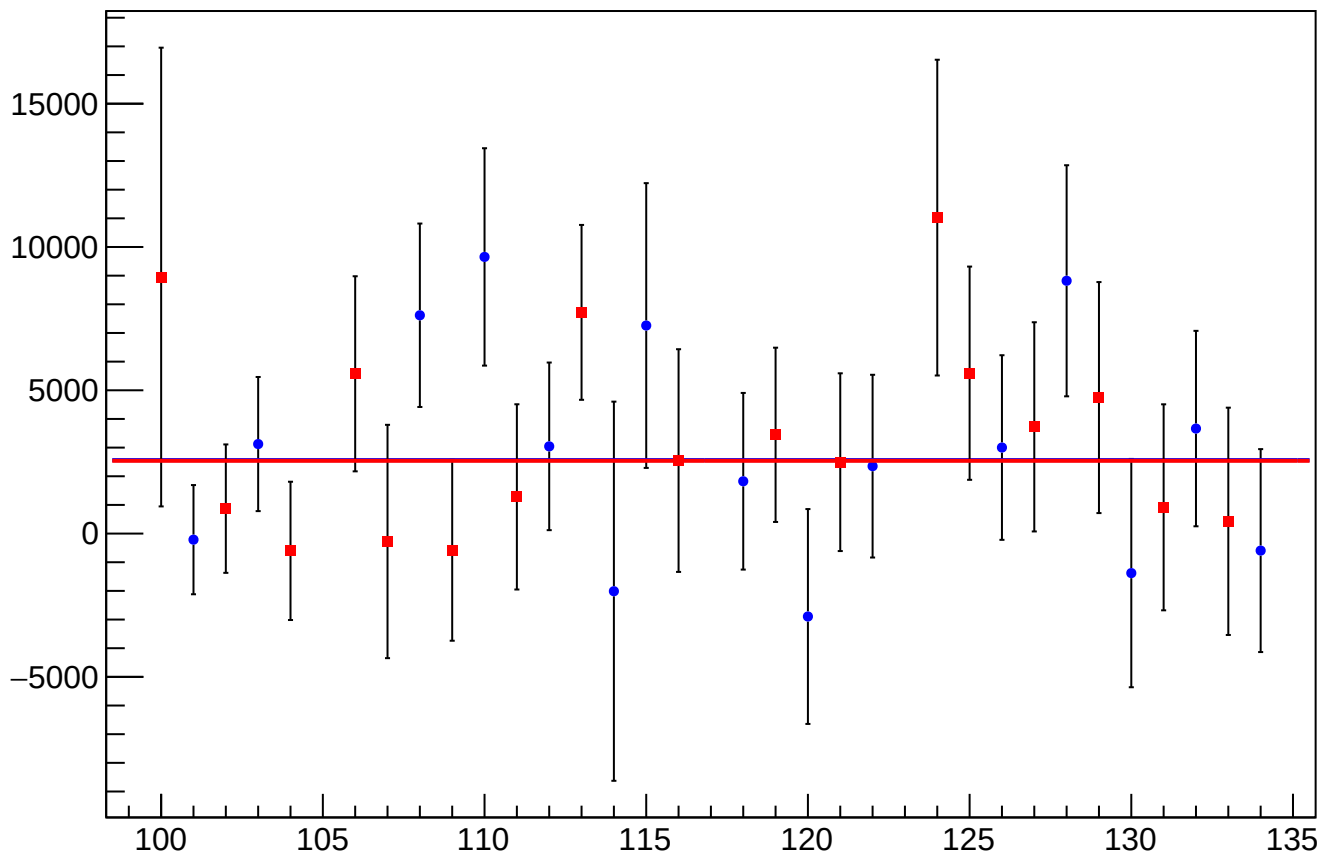
Right: 1728.929+/-0.346 χ^2/NDF : 1078453.8/31

In: 1678.963+/-0.486 χ^2/NDF : 665605.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.929+/-0.346 χ^2/NDF : 1078453.8/31

asym_usr_mean vs Slug, Sign Corrected



Right In: 2564.064+/-825.617 χ^2/NDF : 16.1/14

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

Right Out: 2539.792+/-817.016 χ^2/NDF : 12.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

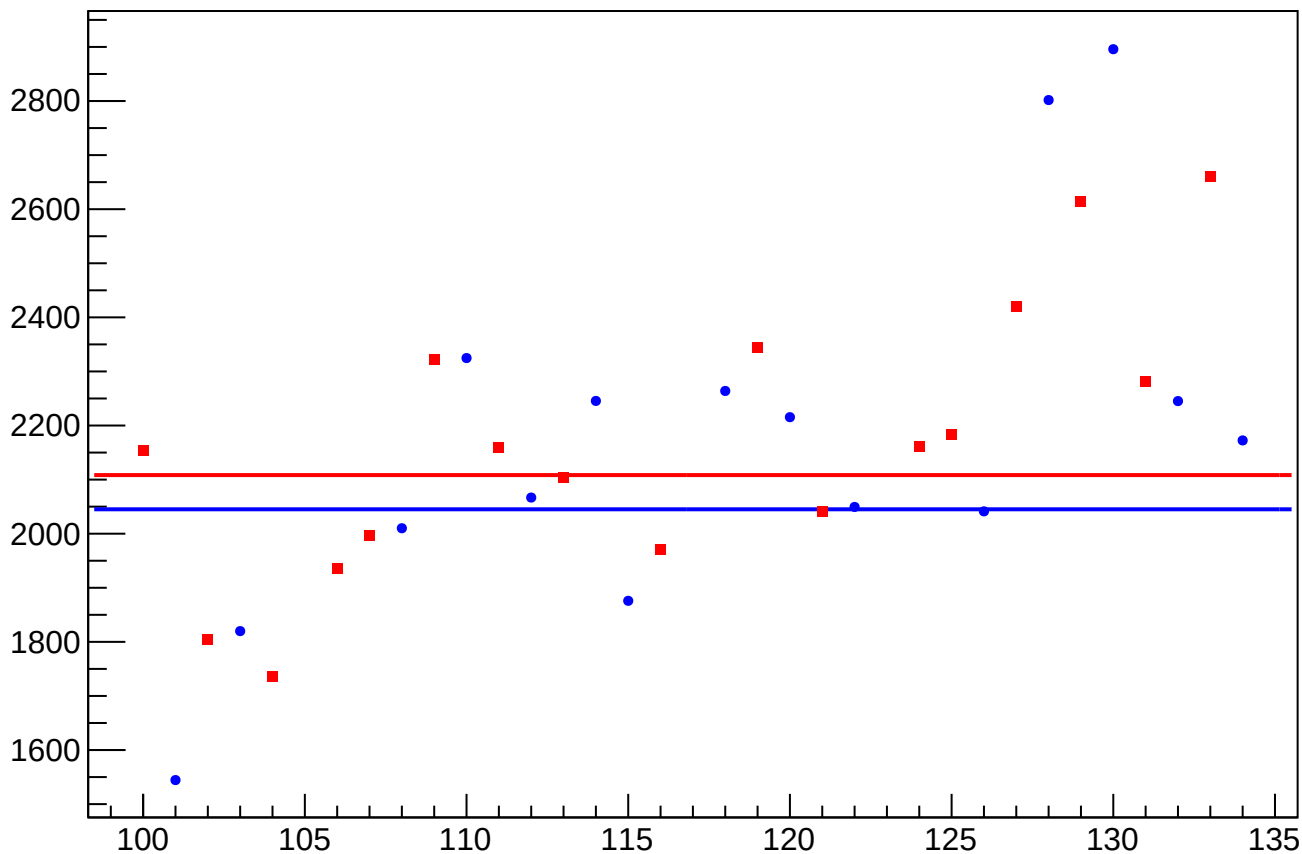
Right: 2551.801+/-580.735 χ^2/NDF : 28.3/31

In: 2564.064+/-825.617 χ^2/NDF : 16.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2551.801+/-580.735 χ^2/NDF : 28.3/31

asym_usr_rms vs Slug, Sign Corrected



Right In: 2045.111+/-0.584 χ^2/NDF : 357349.1/14

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

Right Out: 2108.380+/-0.578 χ^2/NDF : 206945.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

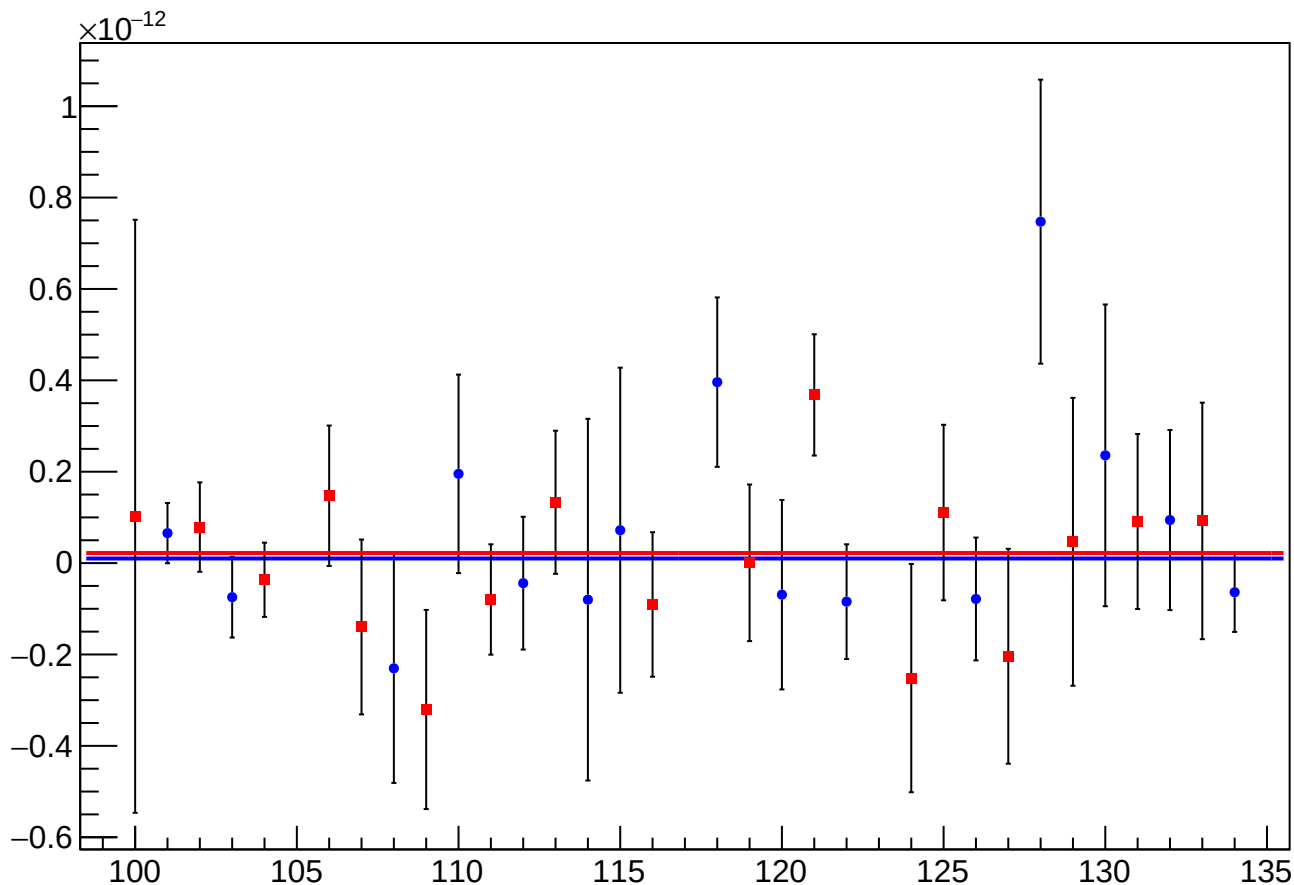
Right: 2077.076+/-0.411 χ^2/NDF : 570228.5/31

In: 2045.111+/-0.584 χ^2/NDF : 357349.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.076+/-0.411 χ^2/NDF : 570228.5/31

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

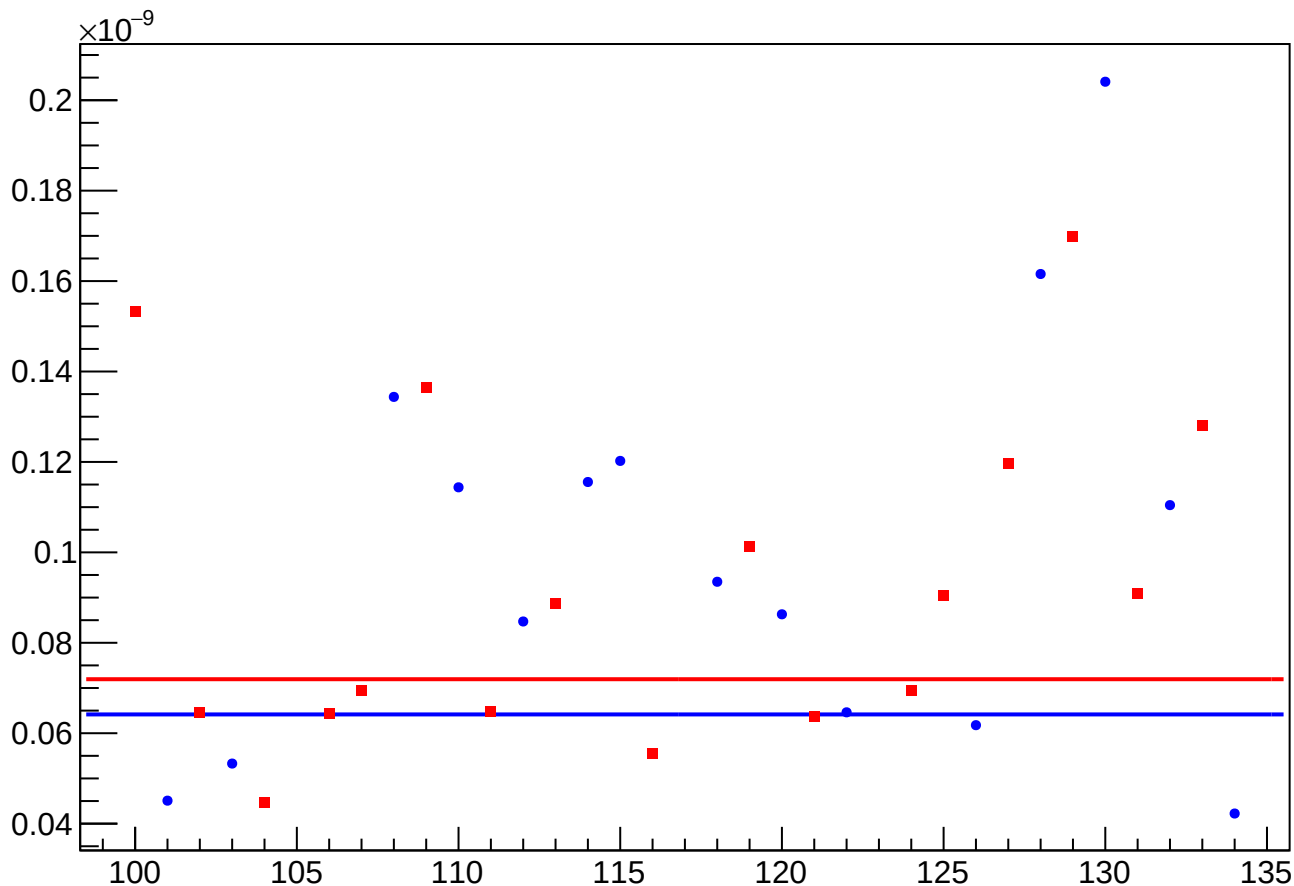
Right: 0.000+/-0.000 χ^2/NDF : 31.8/31

In: 0.000+/-0.000 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.8/31

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1451396.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 973220.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

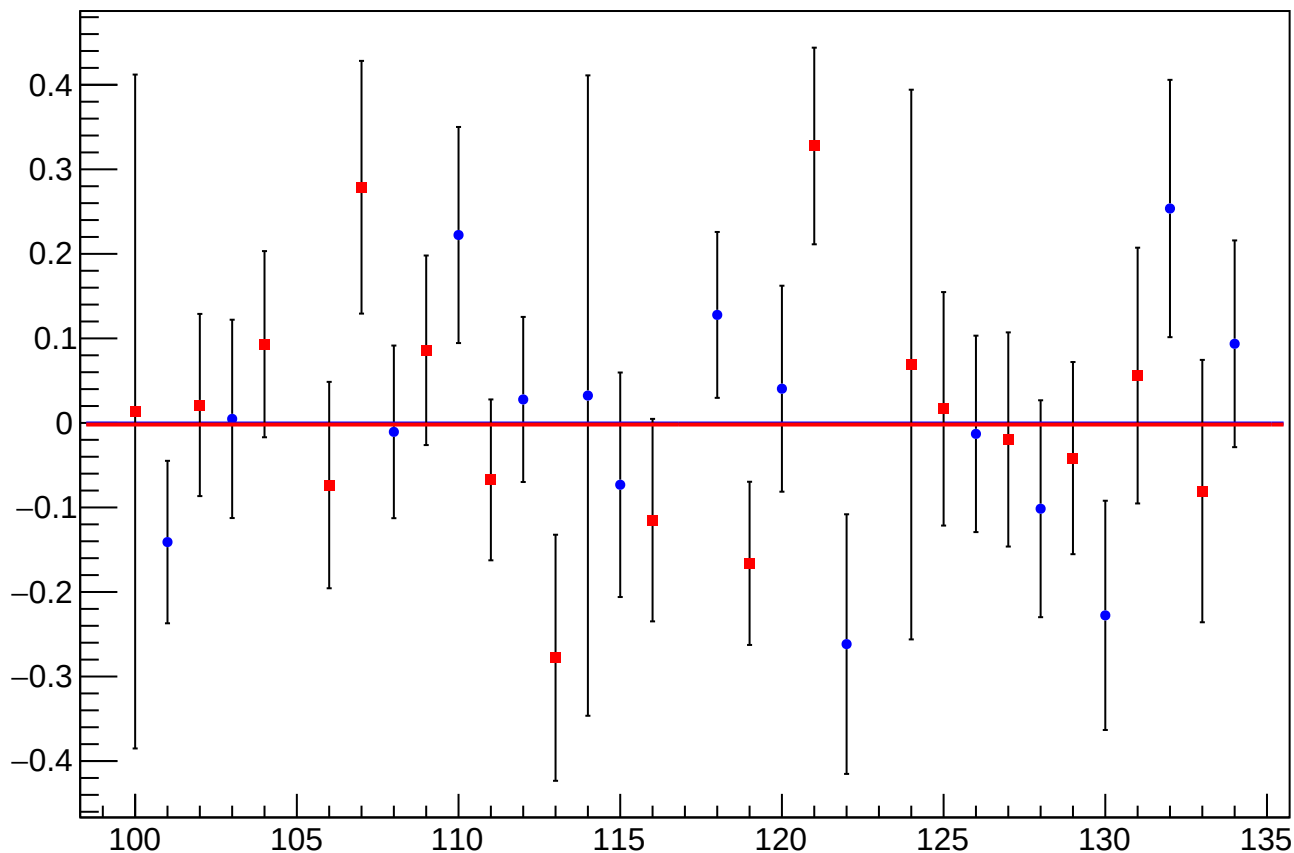
Right: 0.000+/-0.000 χ^2/NDF : 2470129.0/31

In: 0.000+/-0.000 χ^2/NDF : 1451396.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2470129.0/31

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

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

Right Out: -0.002 ± 0.031 χ^2/NDF : 21.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

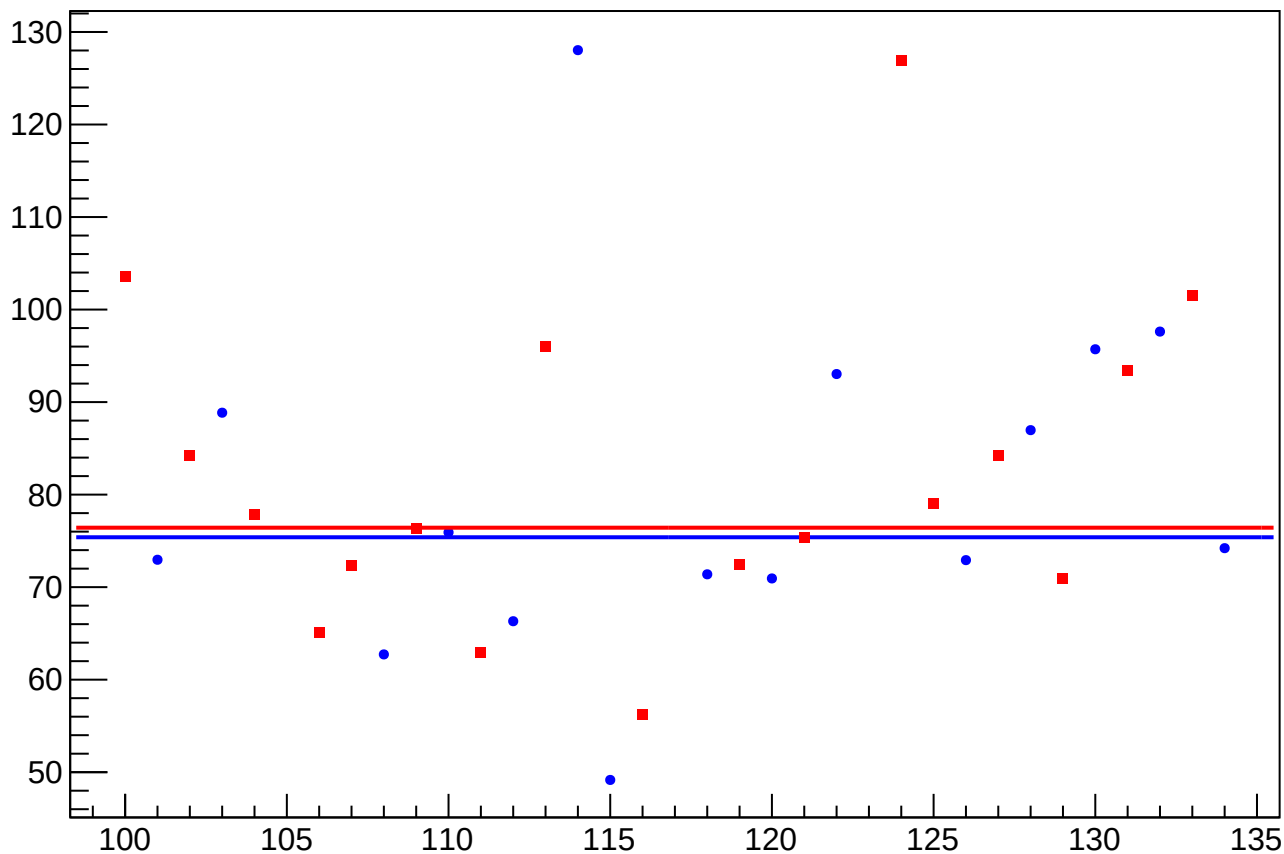
Right: -0.001 ± 0.022 χ^2/NDF : 38.9/31

In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.022 χ^2/NDF : 38.9/31

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.391+/-0.022 χ^2/NDF : 329653.9/14

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

Right Out: 76.426+/-0.022 χ^2/NDF : 314604.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

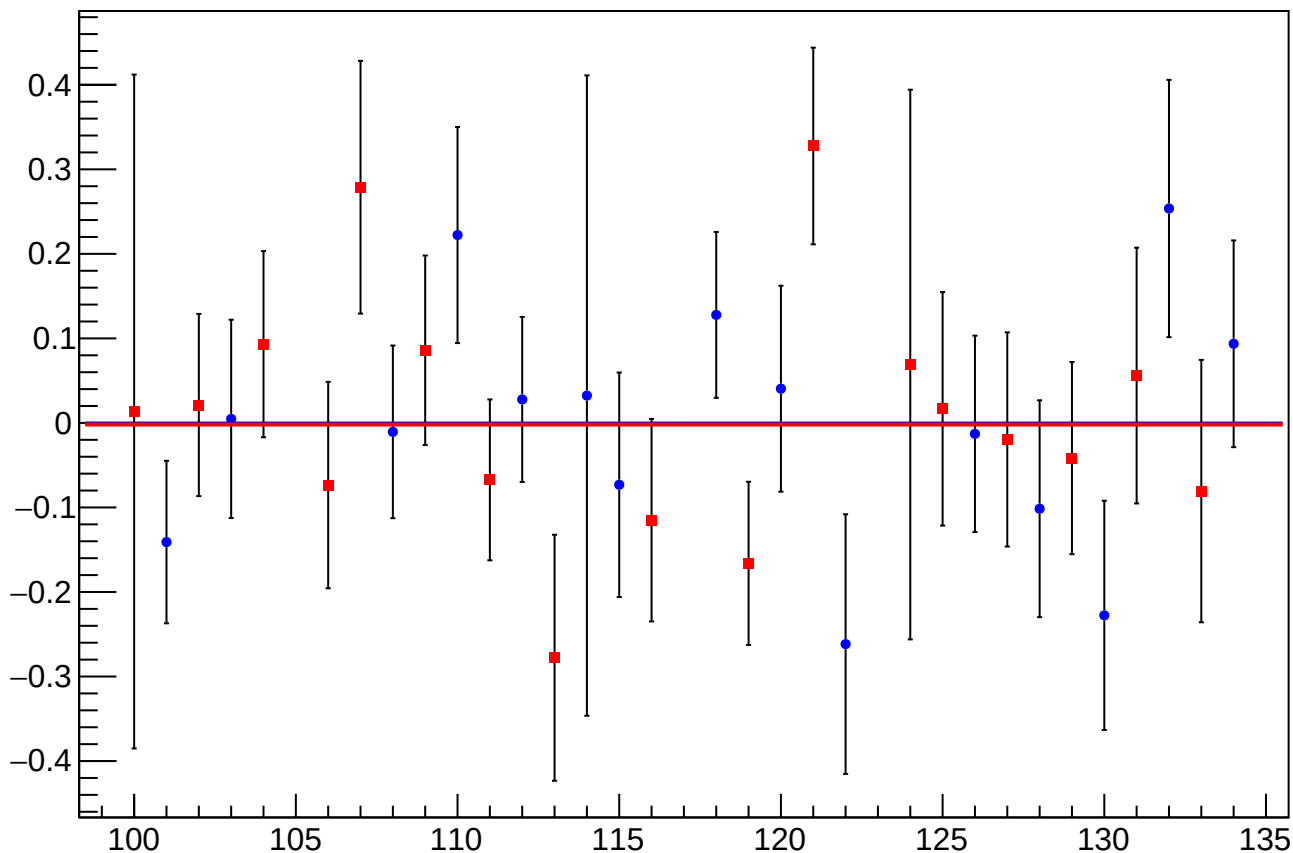
Right: 75.919+/-0.016 χ^2/NDF : 645371.0/31

In: 75.391+/-0.022 χ^2/NDF : 329653.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.919+/-0.016 χ^2/NDF : 645371.0/31

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

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

Right Out: -0.002 ± 0.031 χ^2/NDF : 21.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

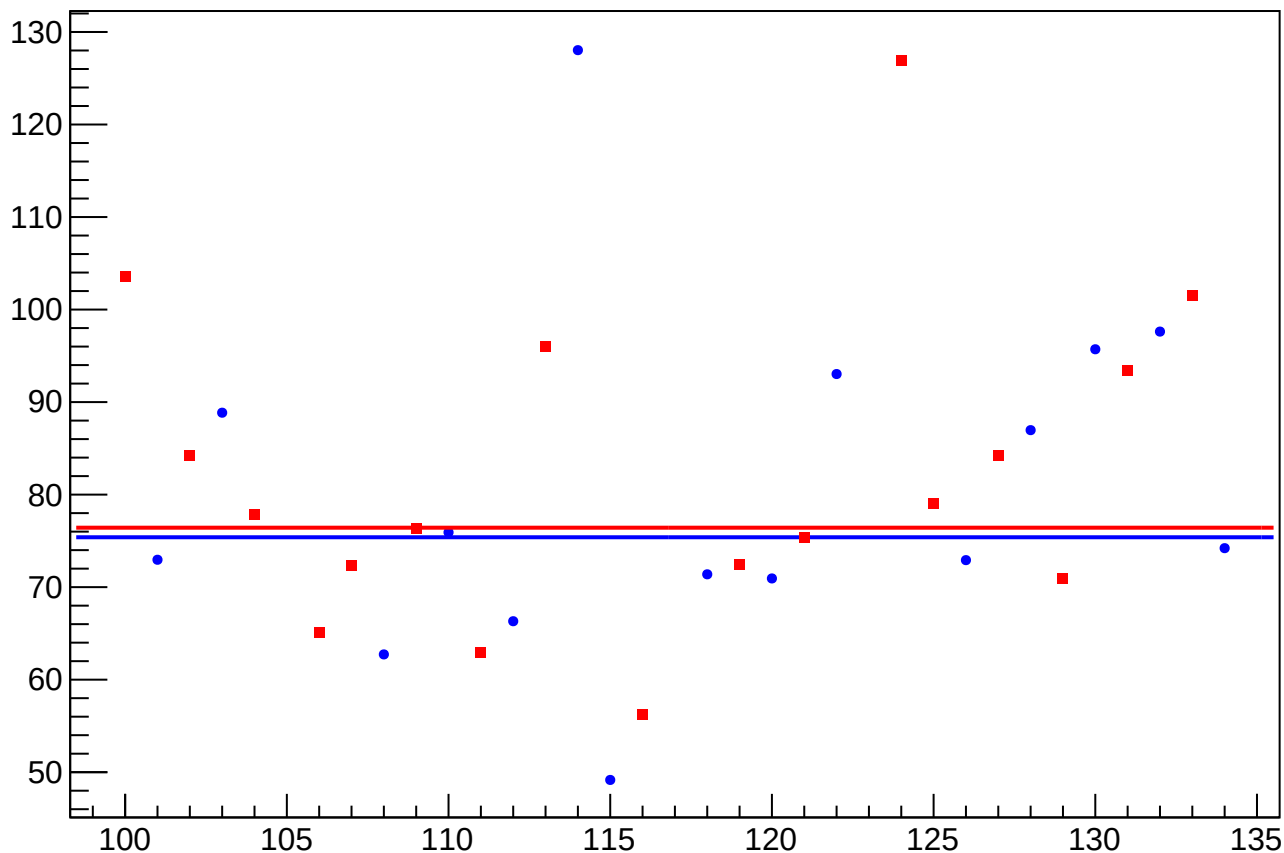
Right: -0.001 ± 0.022 χ^2/NDF : 38.9/31

In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.022 χ^2/NDF : 38.9/31

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.391+/-0.022 χ^2/NDF : 329653.9/14

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

Right Out: 76.426+/-0.022 χ^2/NDF : 314604.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

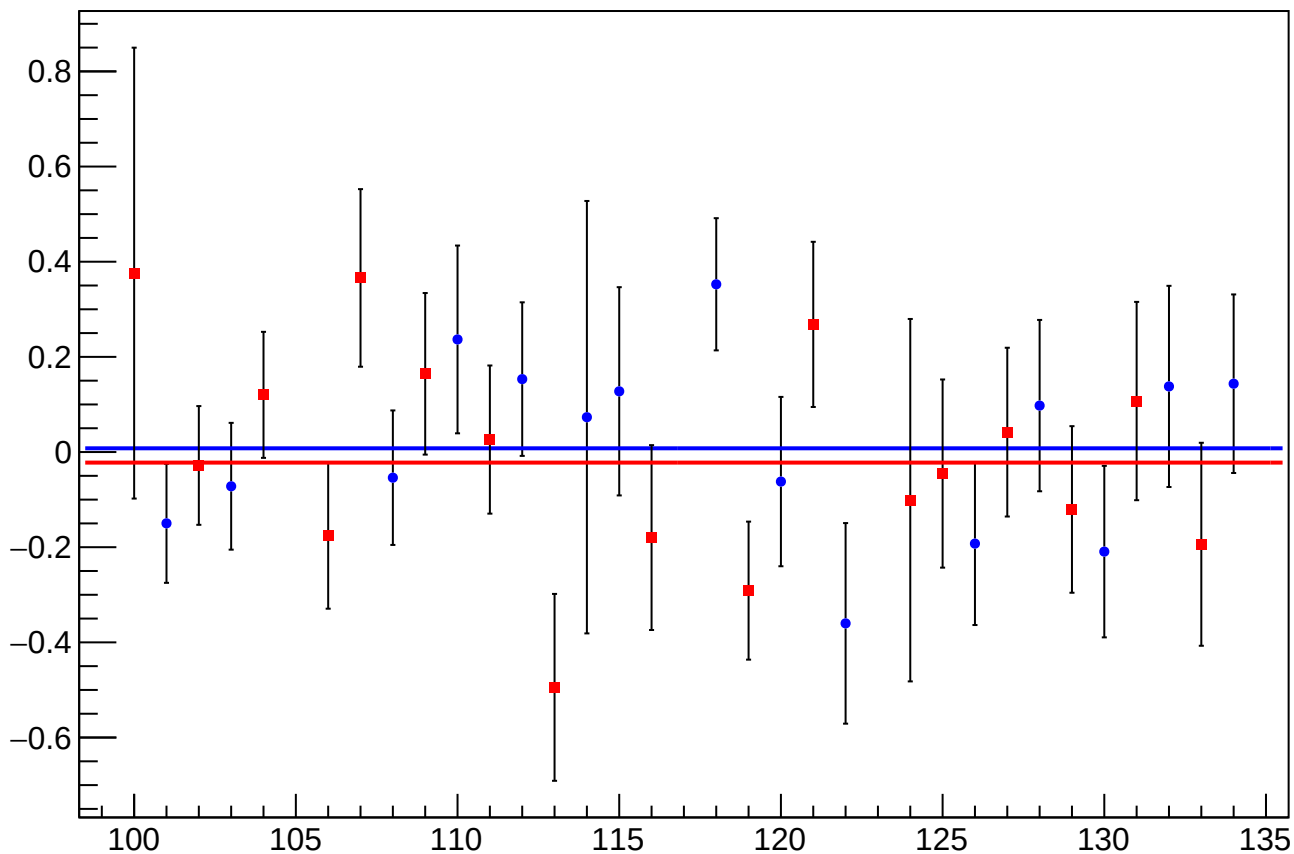
Right: 75.919+/-0.016 χ^2/NDF : 645371.0/31

In: 75.391+/-0.022 χ^2/NDF : 329653.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.919+/-0.016 χ^2/NDF : 645371.0/31

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.044 χ^2 /NDF: 17.9/14

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

Right Out: -0.022 $\pm$ 0.043 χ^2 /NDF: 22.7/16

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

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

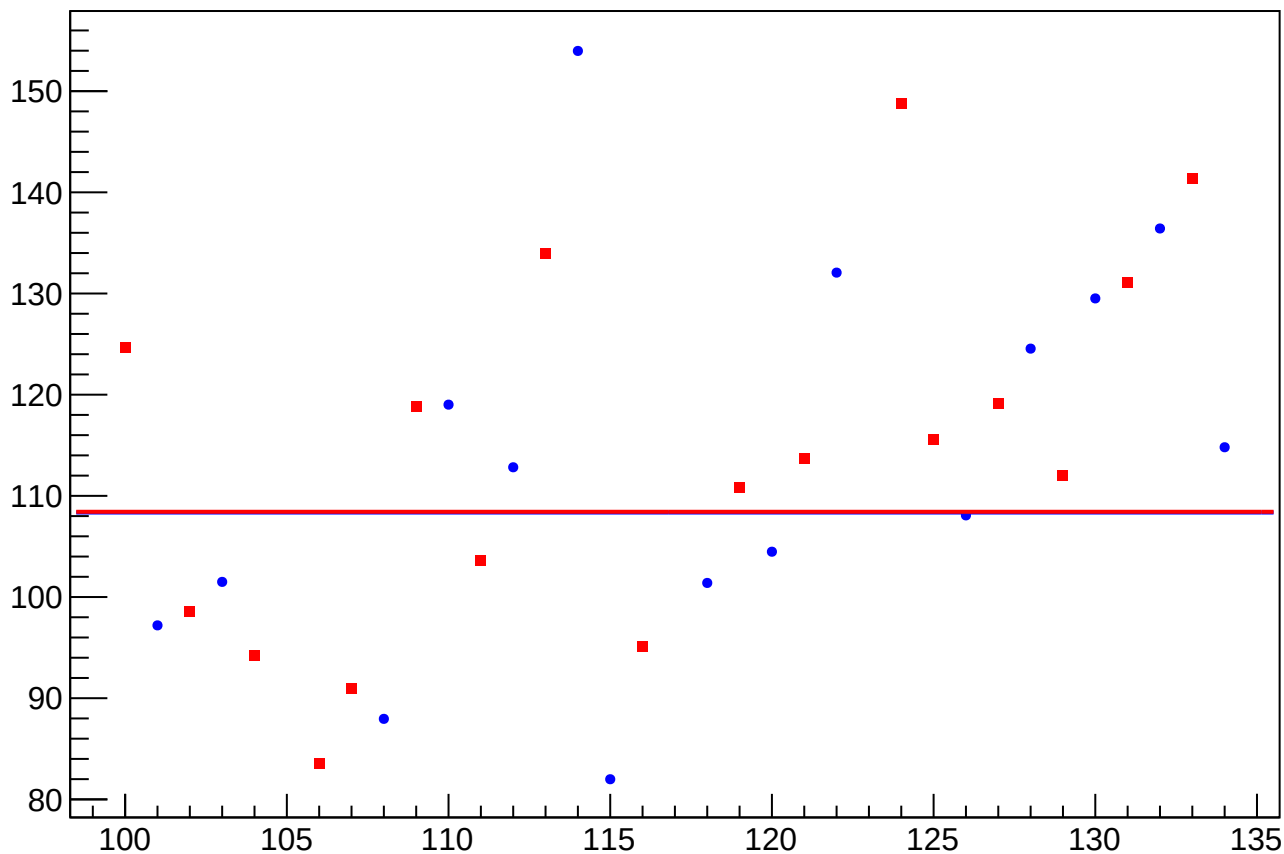
Right: -0.008 $\pm$ 0.031 χ^2 /NDF: 40.9/31

In: 0.008 $\pm$ 0.044 χ^2 /NDF:17.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.031 χ^2 /NDF: 40.9/31

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.352+/-0.031 χ^2/NDF : 232059.9/14

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

Right Out: 108.427+/-0.030 χ^2/NDF : 267595.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

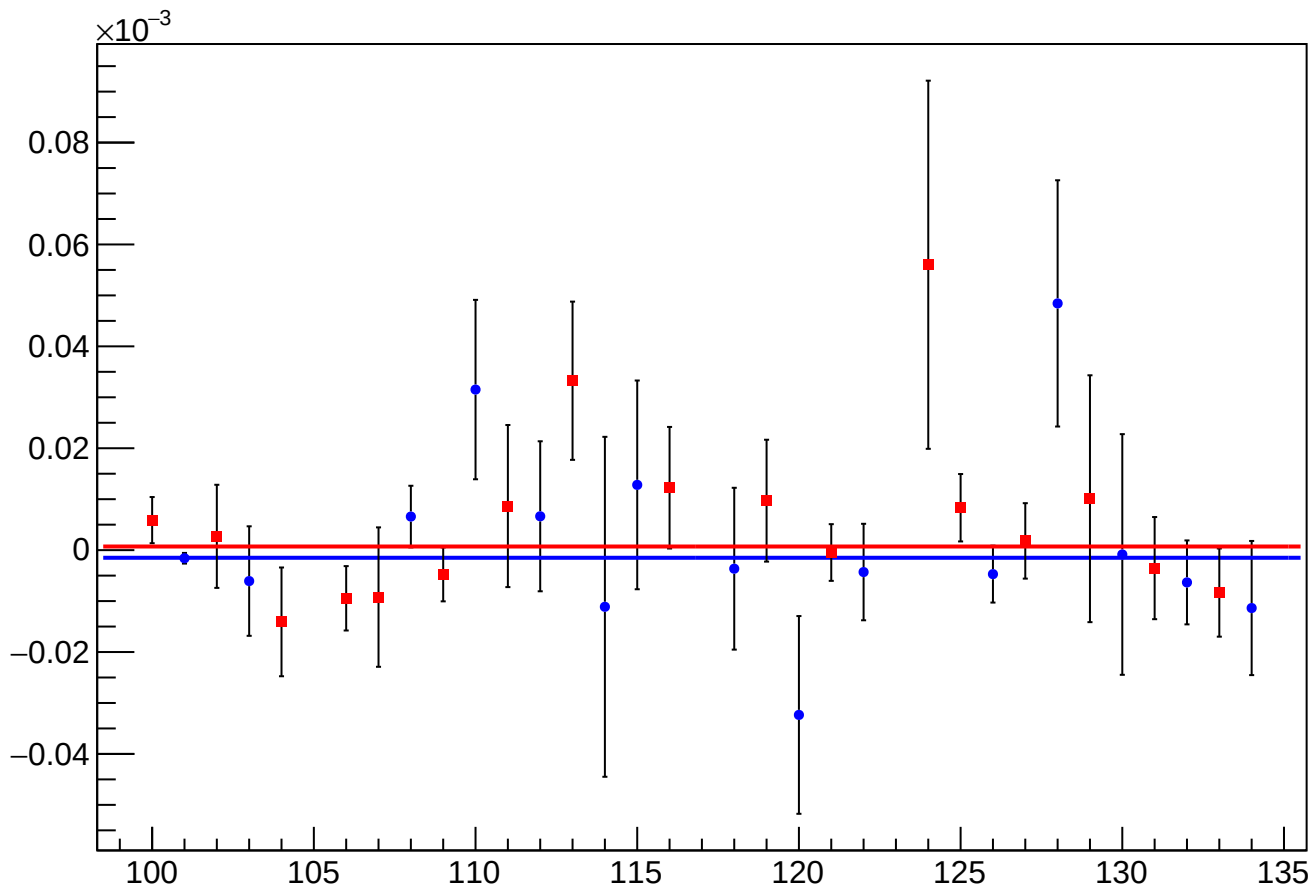
Right: 108.391+/-0.022 χ^2/NDF : 499658.7/31

In: 108.352+/-0.031 χ^2/NDF : 232059.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.391+/-0.022 χ^2/NDF : 499658.7/31

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 18.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

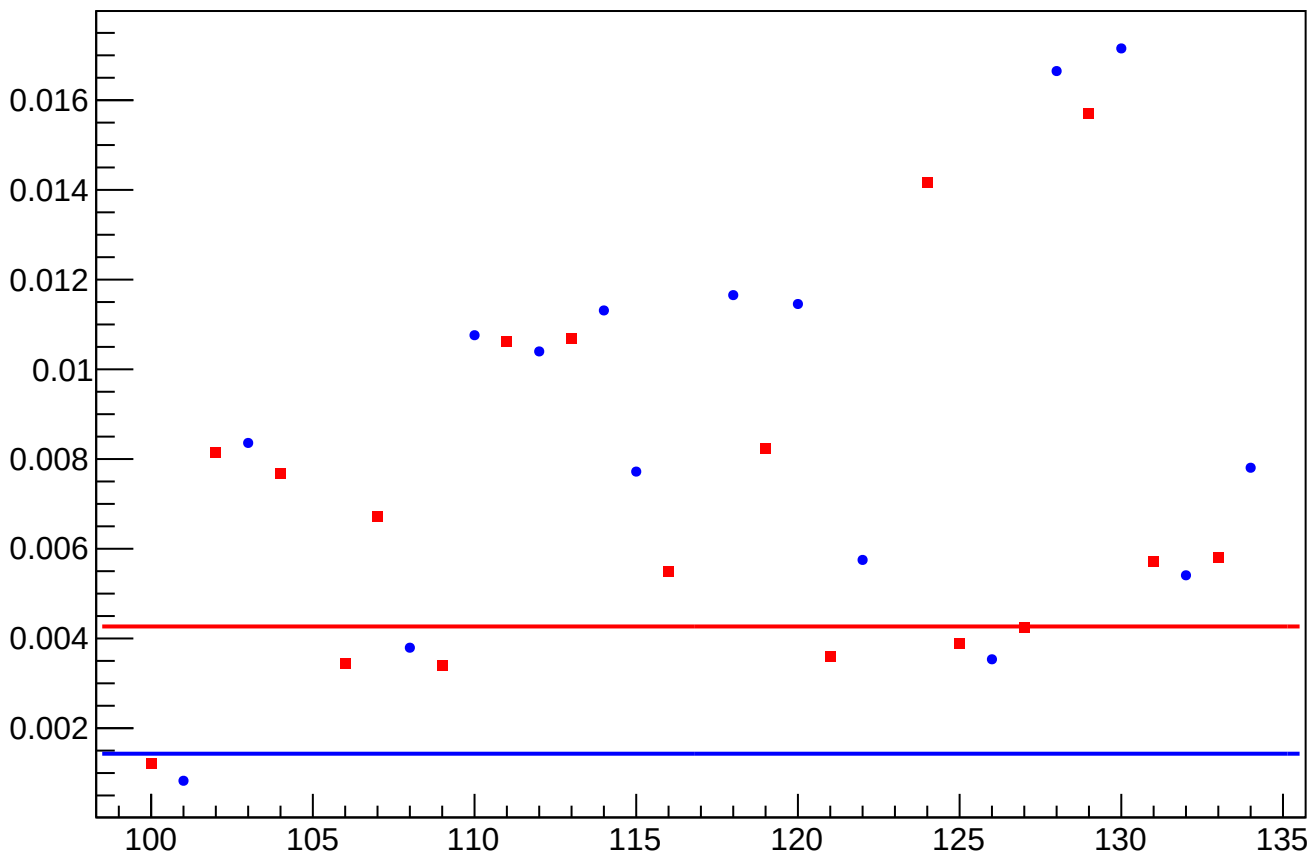
Right: -0.000+/-0.000 χ^2/NDF : 34.3/31

In: -0.000+/-0.000 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.3/31

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 8147899.3/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3192946.7/16

Left 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 : 14629926.2/31

In: 0.001+/-0.000

χ^2/NDF : 8147899.3/14

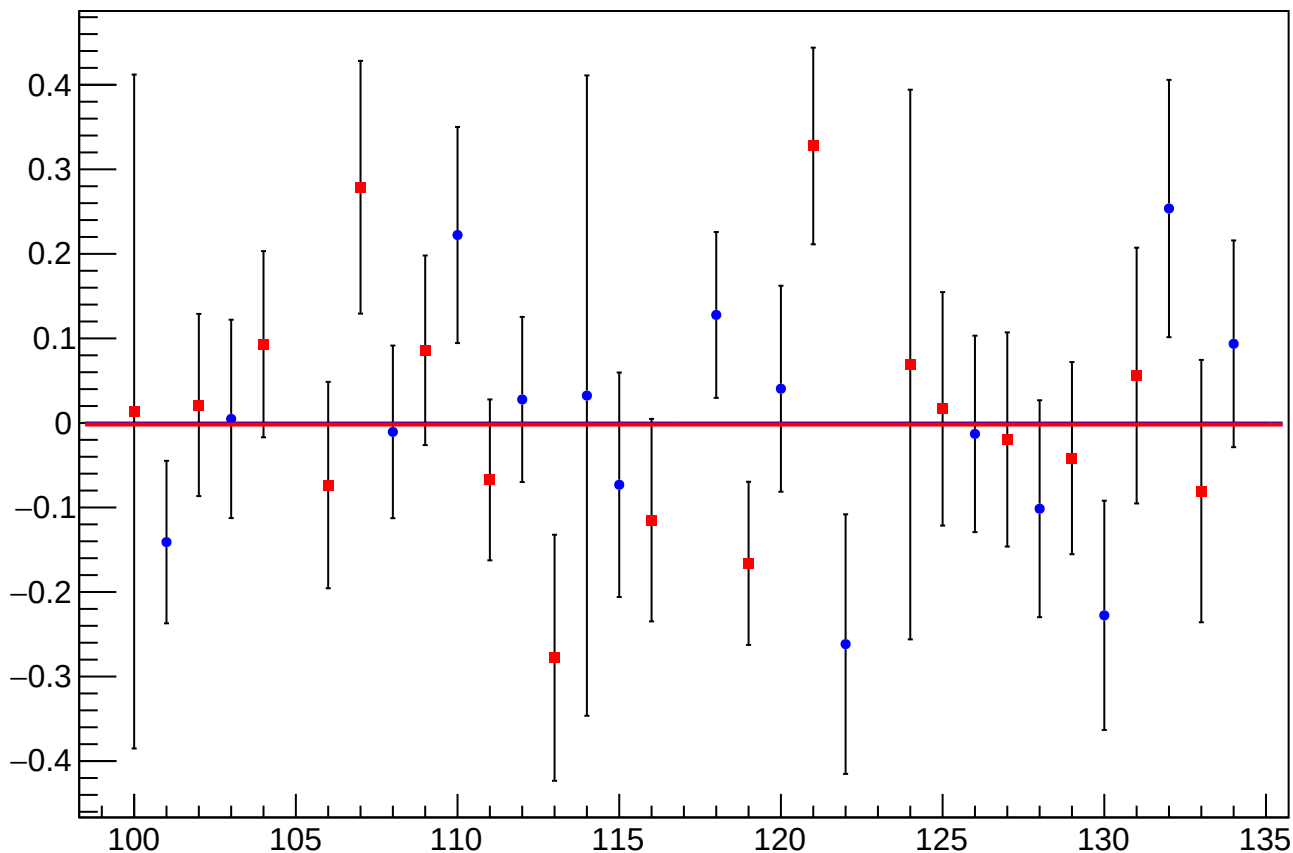
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 14629926.2/31

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.031 $\chi^2/\text{NDF}: 17.1/14$

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

Right Out: -0.002 ± 0.031 $\chi^2/\text{NDF}: 21.8/16$

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

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

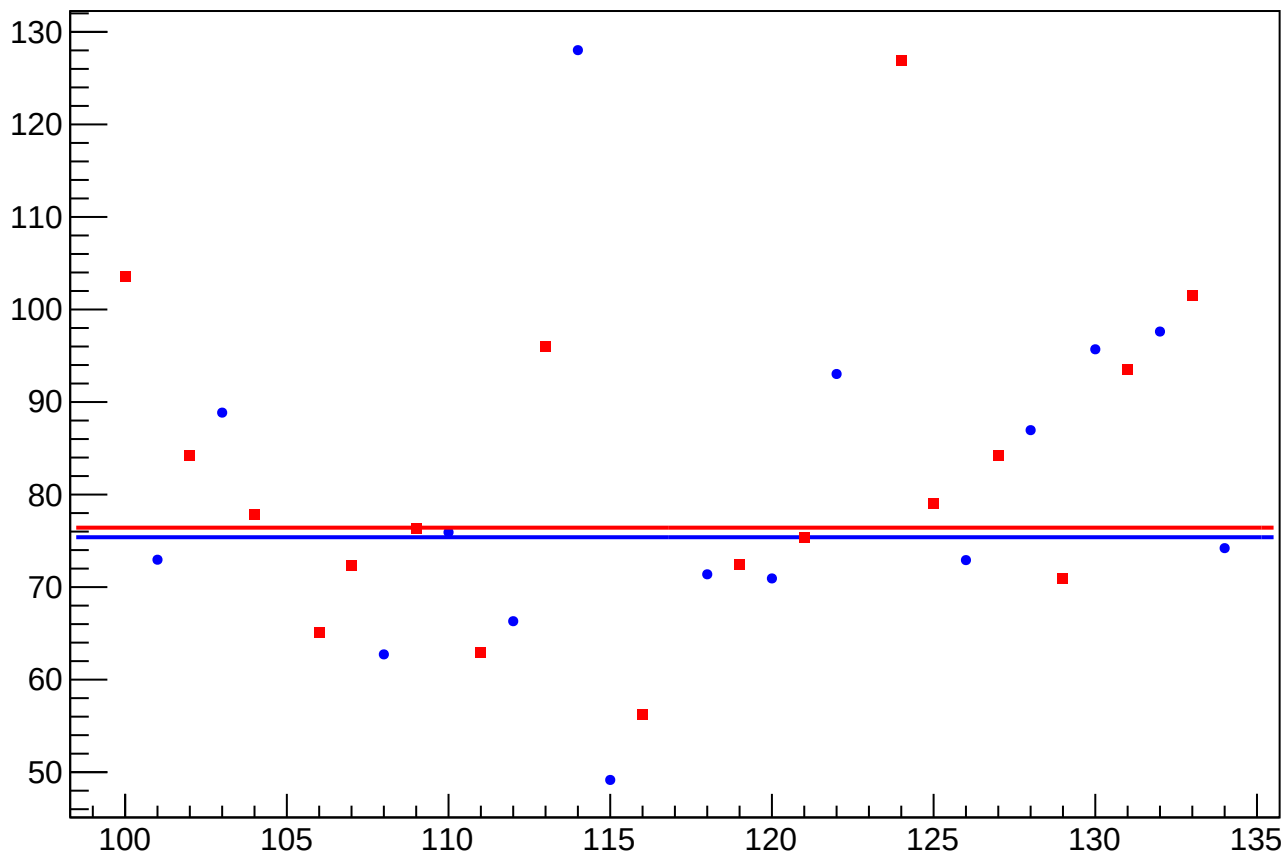
Right: -0.001 ± 0.022 $\chi^2/\text{NDF}: 38.9/31$

In: -0.001 ± 0.031 $\chi^2/\text{NDF}: 17.1/14$

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

All: -0.001 ± 0.022 $\chi^2/\text{NDF}: 38.9/31$

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.390 $\pm$ 0.022 χ^2 /NDF: 329630.2/14

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

Right Out: 76.424 $\pm$ 0.022 χ^2 /NDF: 314595.6/16

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

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

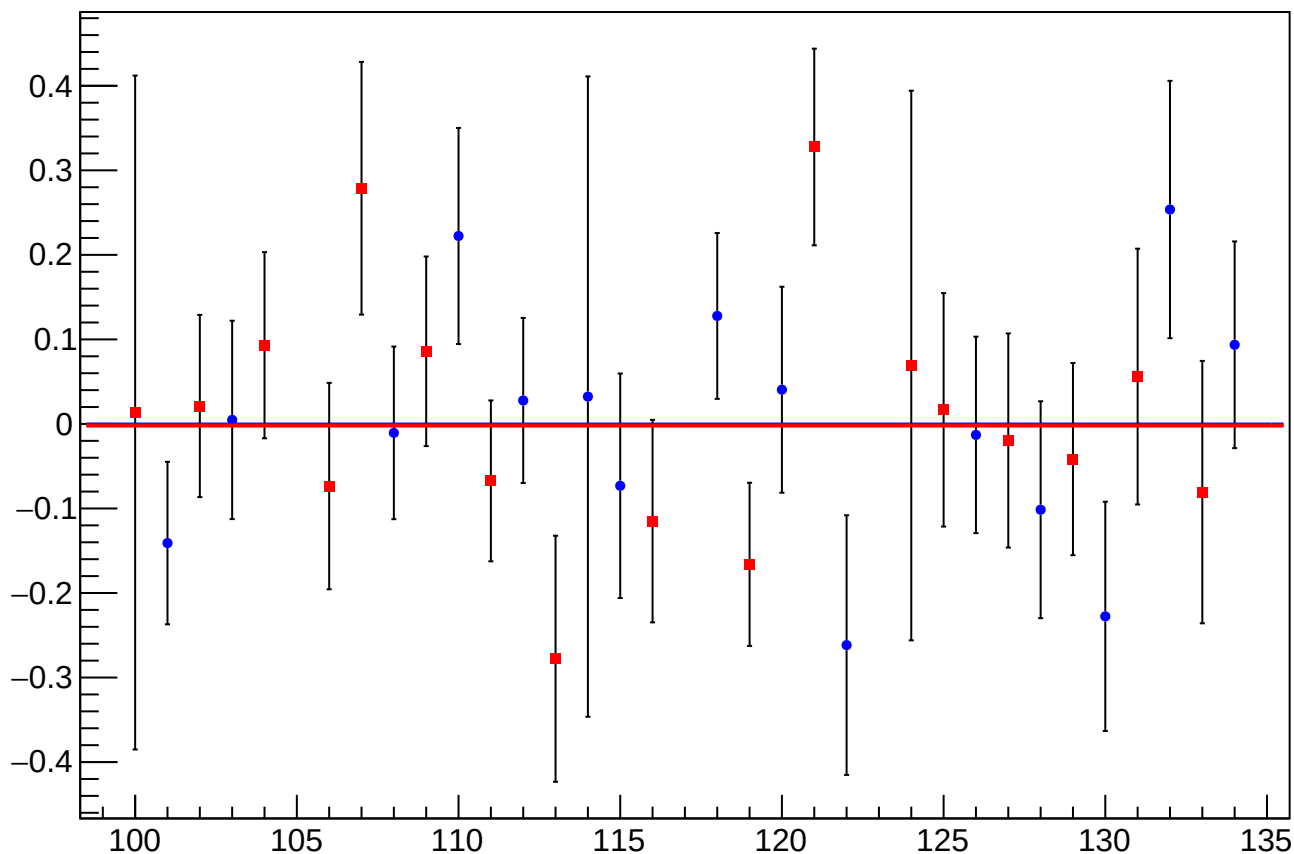
Right: 75.917 $\pm$ 0.015 χ^2 /NDF: 645339.0/31

In: 75.390 $\pm$ 0.022 χ^2 /NDF:329630.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.917 $\pm$ 0.015 χ^2 /NDF: 645339.0/31

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

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

Right Out: -0.002 ± 0.031 χ^2/NDF : 21.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

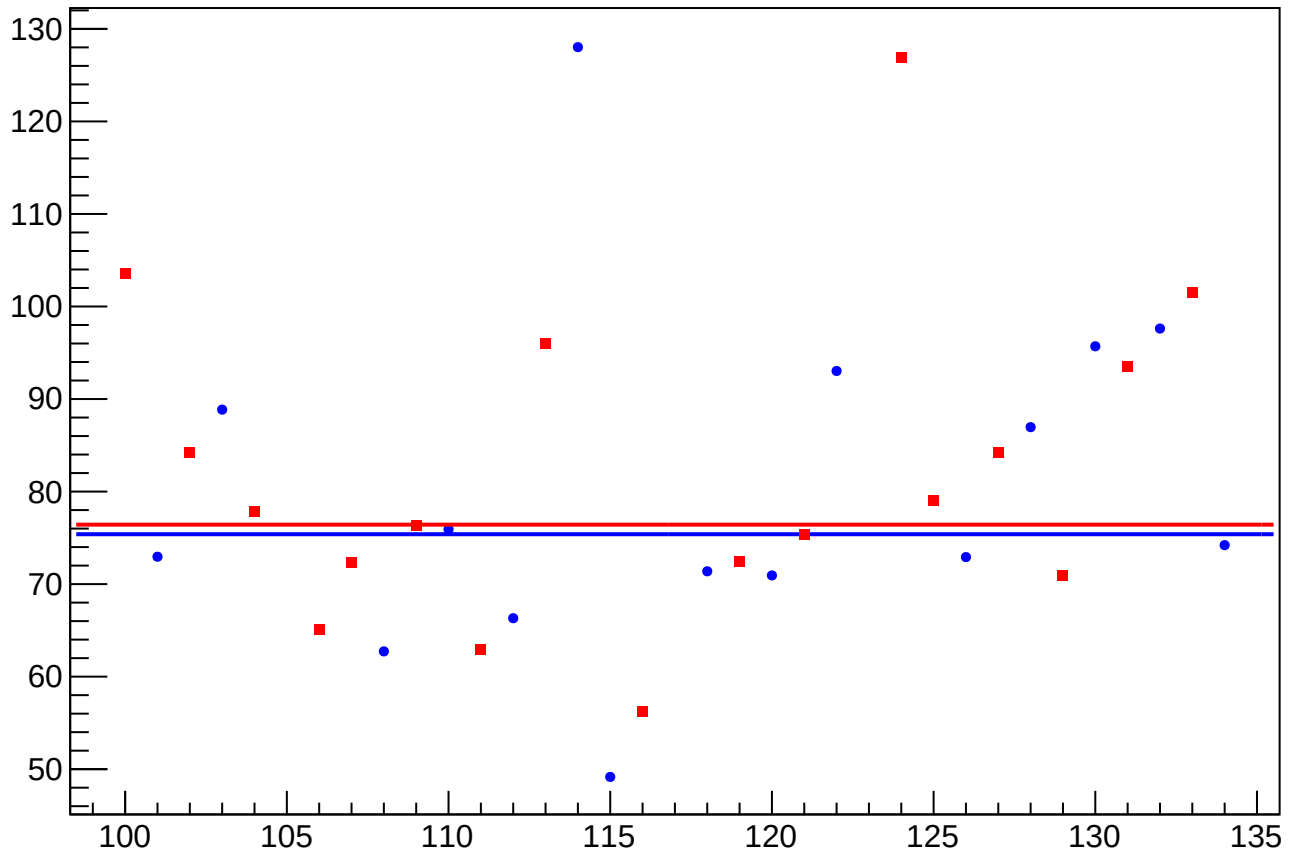
Right: -0.001 ± 0.022 χ^2/NDF : 38.9/31

In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.022 χ^2/NDF : 38.9/31

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.390+/-0.022 χ^2/NDF : 329630.2/14

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

Right Out: 76.424+/-0.022 χ^2/NDF : 314595.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

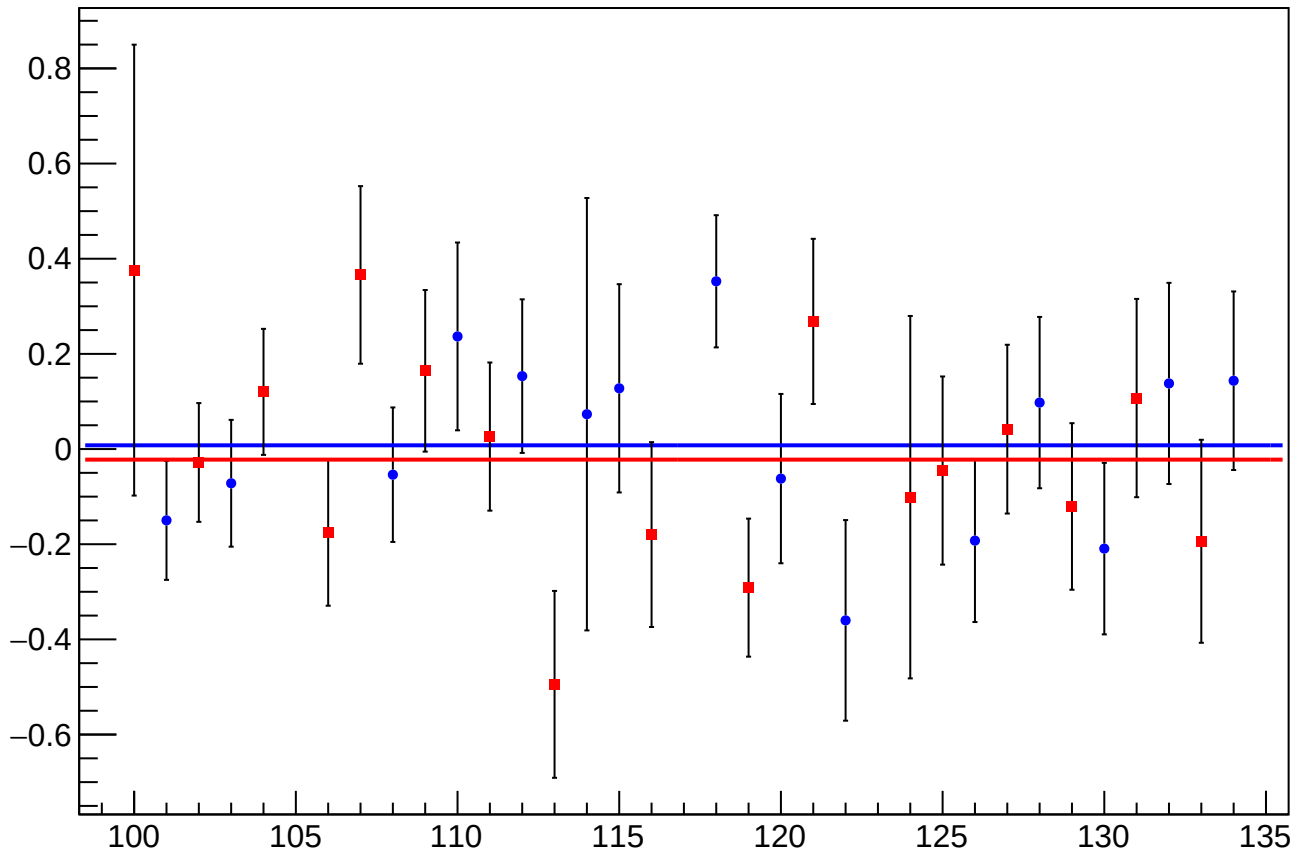
Right: 75.917+/-0.015 χ^2/NDF : 645339.0/31

In: 75.390+/-0.022 χ^2/NDF : 329630.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.917+/-0.015 χ^2/NDF : 645339.0/31

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.044 χ^2 /NDF: 17.9/14

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

Right Out: -0.022 $\pm$ 0.043 χ^2 /NDF: 22.7/16

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

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

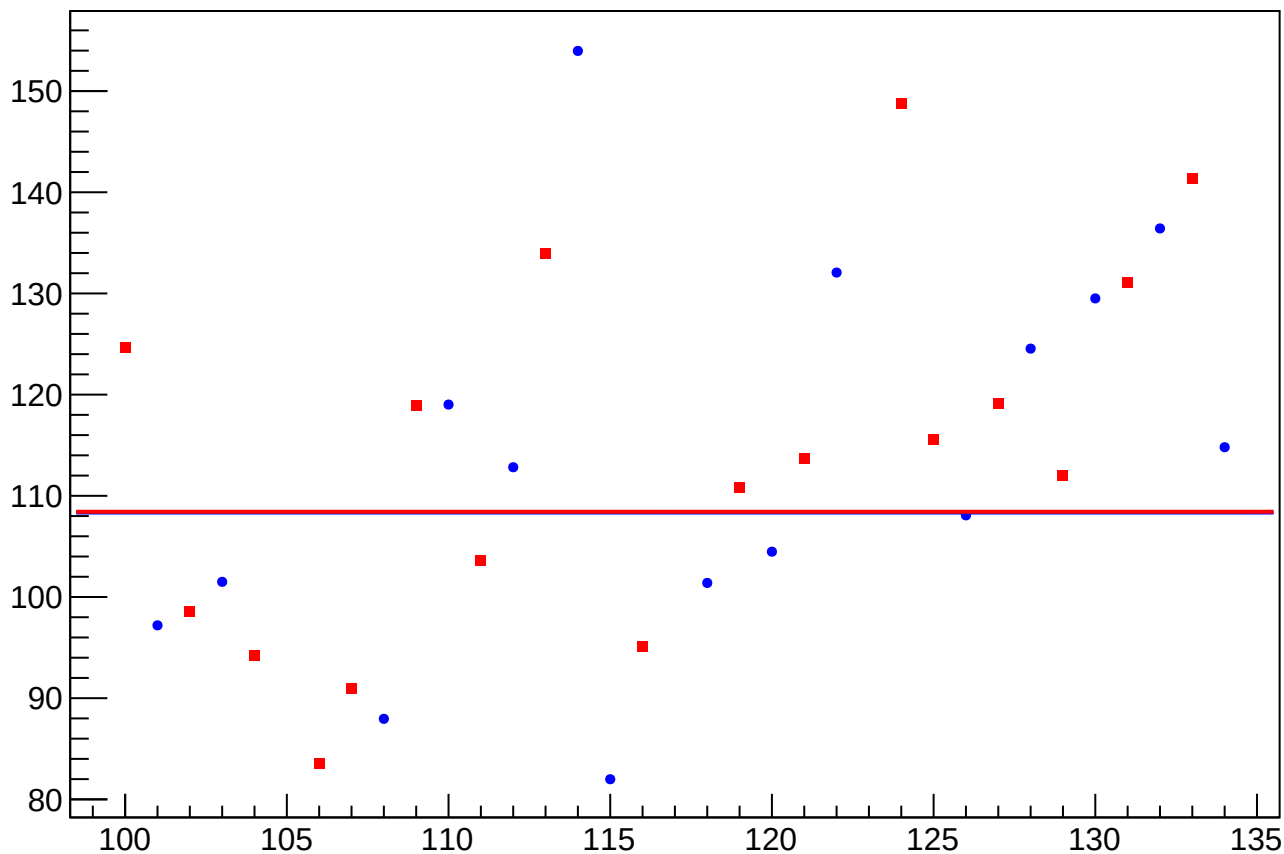
Right: -0.008 $\pm$ 0.031 χ^2 /NDF: 40.9/31

In: 0.008 $\pm$ 0.044 χ^2 /NDF:17.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.031 χ^2 /NDF: 40.9/31

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.351+/-0.031 χ^2/NDF : 232031.2/14

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

Right Out: 108.426+/-0.030 χ^2/NDF : 267565.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

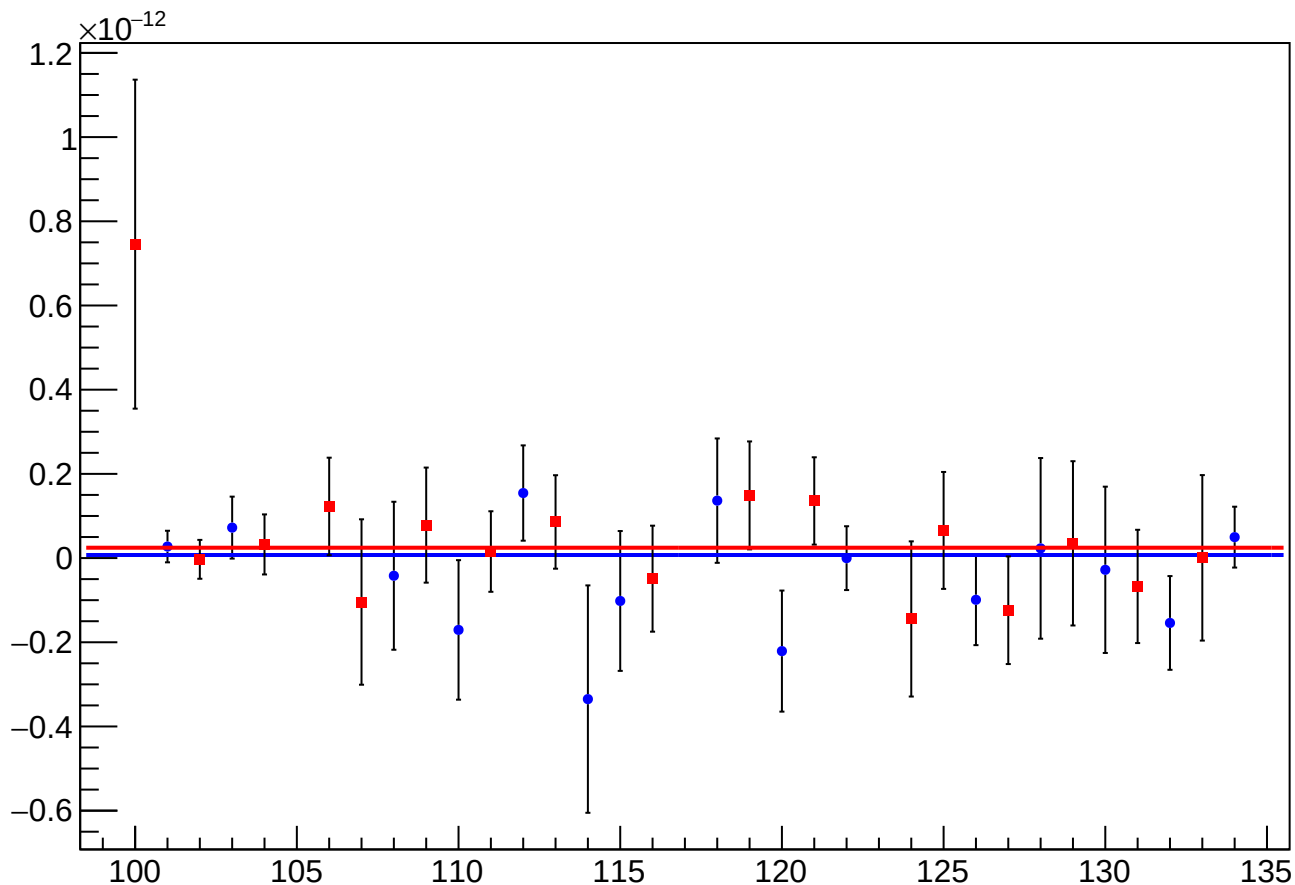
Right: 108.390+/-0.022 χ^2/NDF : 499599.5/31

In: 108.351+/-0.031 χ^2/NDF : 232031.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.390+/-0.022 χ^2/NDF : 499599.5/31

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.8/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

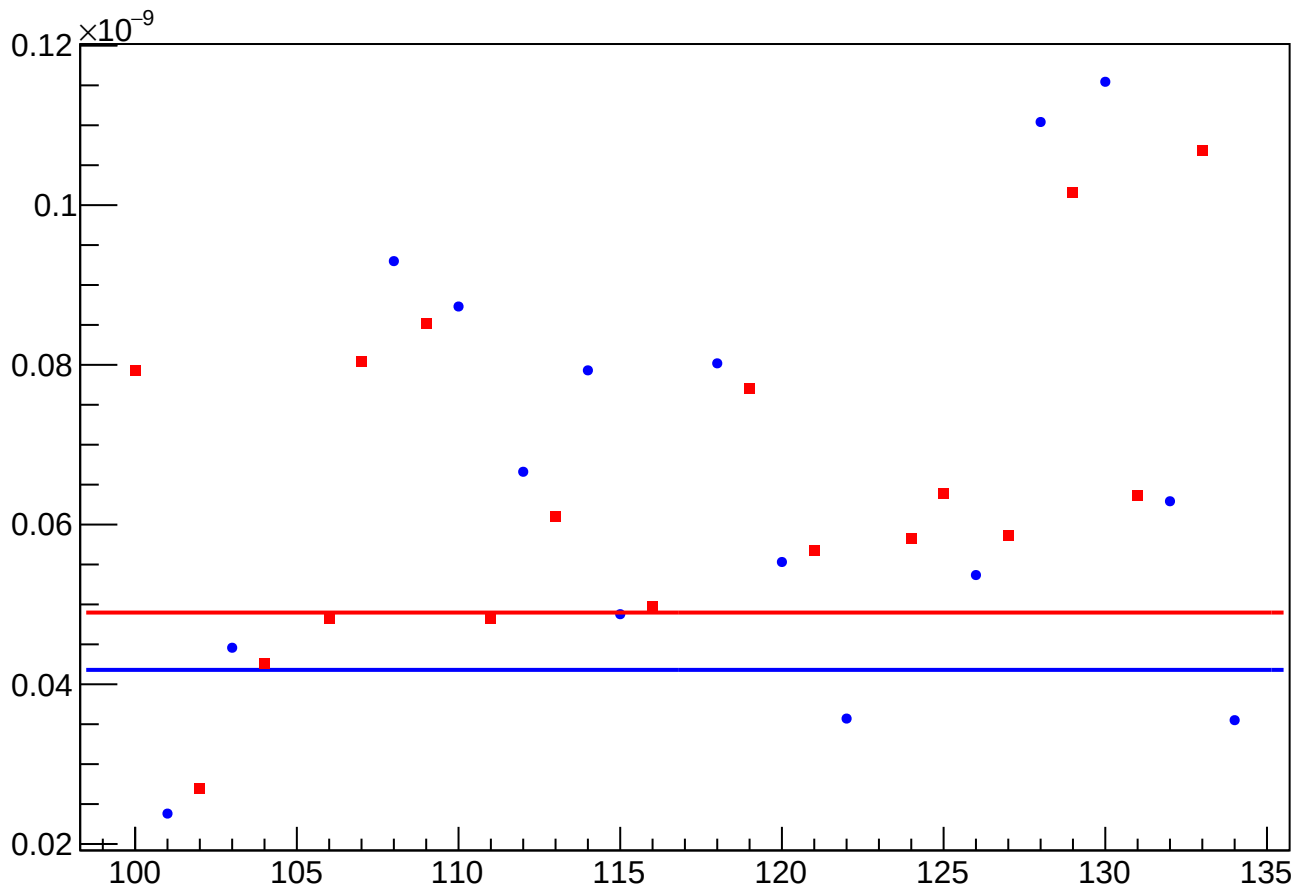
Right: 0.000+/-0.000 χ^2/NDF : 23.6/31

In: 0.000+/-0.000 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/31

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1680945.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1188299.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

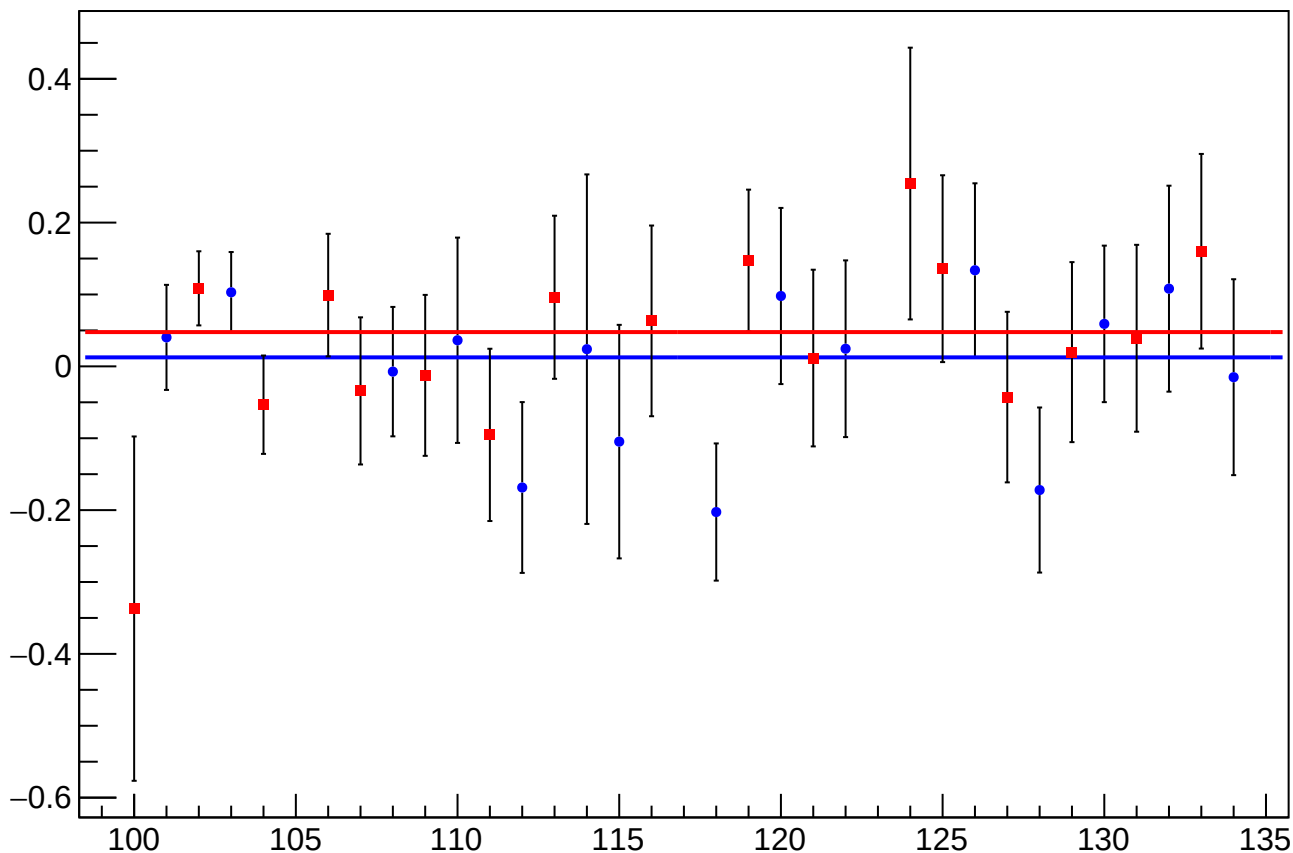
Right: 0.000+/-0.000 χ^2/NDF : 2952310.1/31

In: 0.000+/-0.000 χ^2/NDF : 1680945.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2952310.1/31

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.027 χ^2/NDF : 15.5/14

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

Right Out: 0.048+/-0.025 χ^2/NDF : 13.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

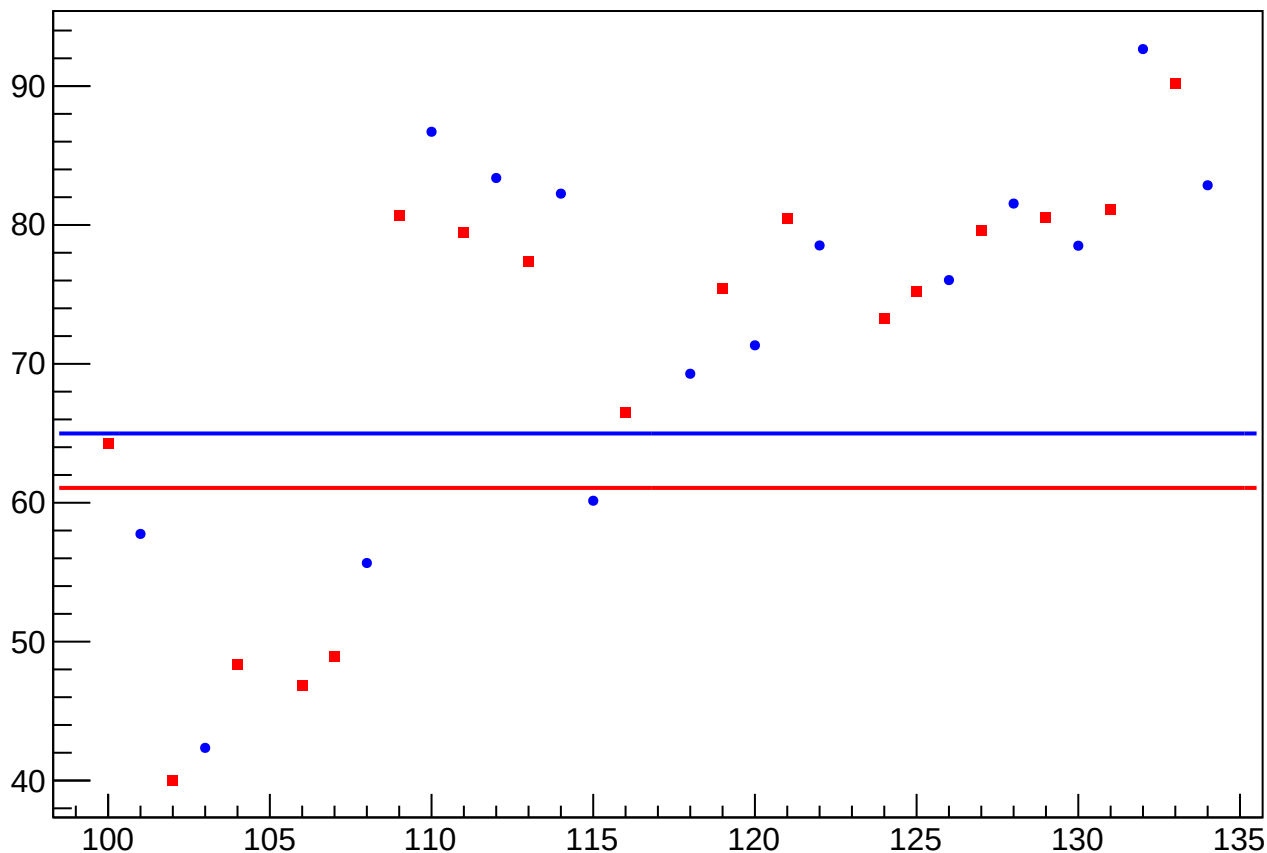
Right: 0.032+/-0.018 χ^2/NDF : 29.6/31

In: 0.013+/-0.027 χ^2/NDF : 15.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.018 χ^2/NDF : 29.6/31

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.989+/-0.019 χ^2/NDF : 705985.4/14

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

Right Out: 61.069+/-0.018 χ^2/NDF : 100223.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

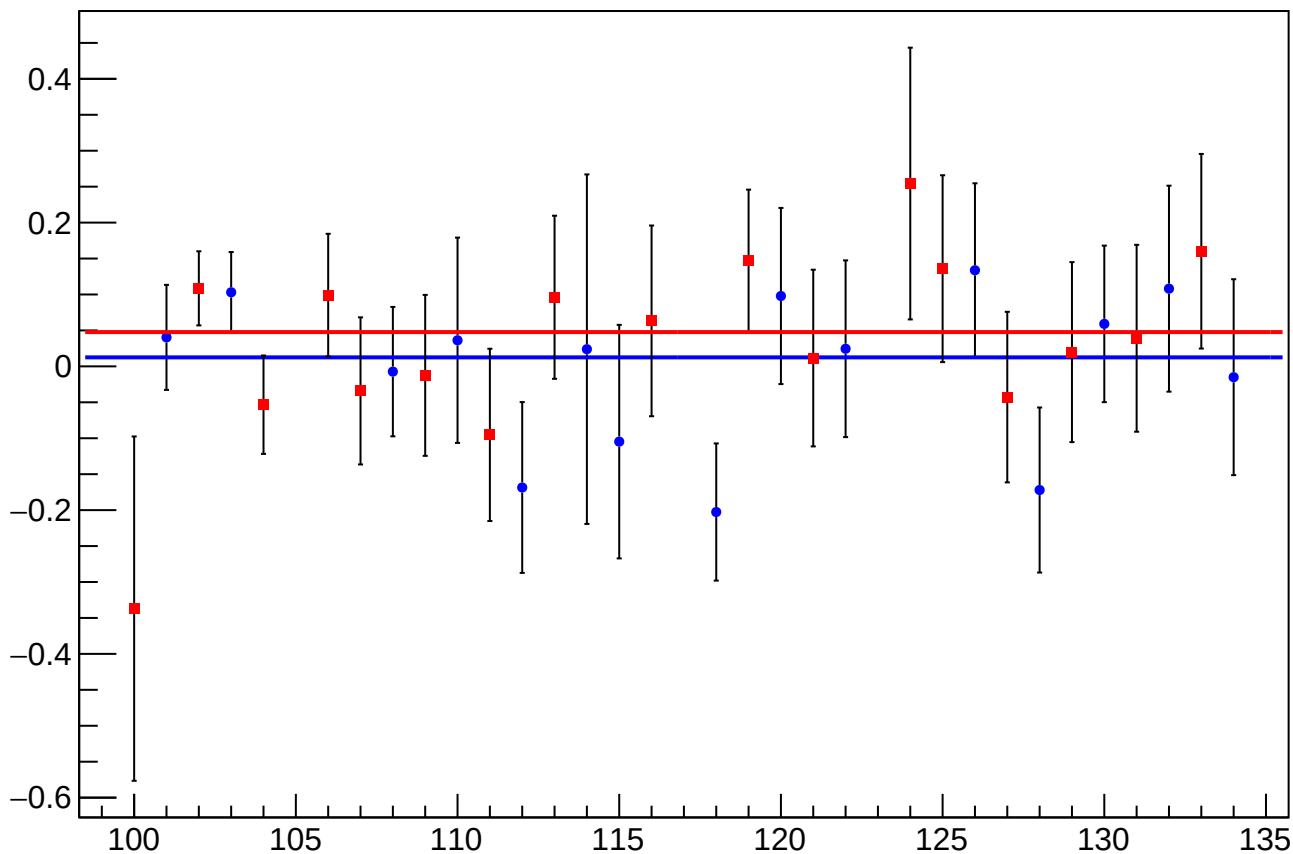
Right: 62.865+/-0.013 χ^2/NDF : 1731151.8/31

In: 64.989+/-0.019 χ^2/NDF : 705985.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.865+/-0.013 χ^2/NDF : 1731151.8/31

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.027 χ^2/NDF : 15.5/14

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

Right Out: 0.048+/-0.025 χ^2/NDF : 13.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

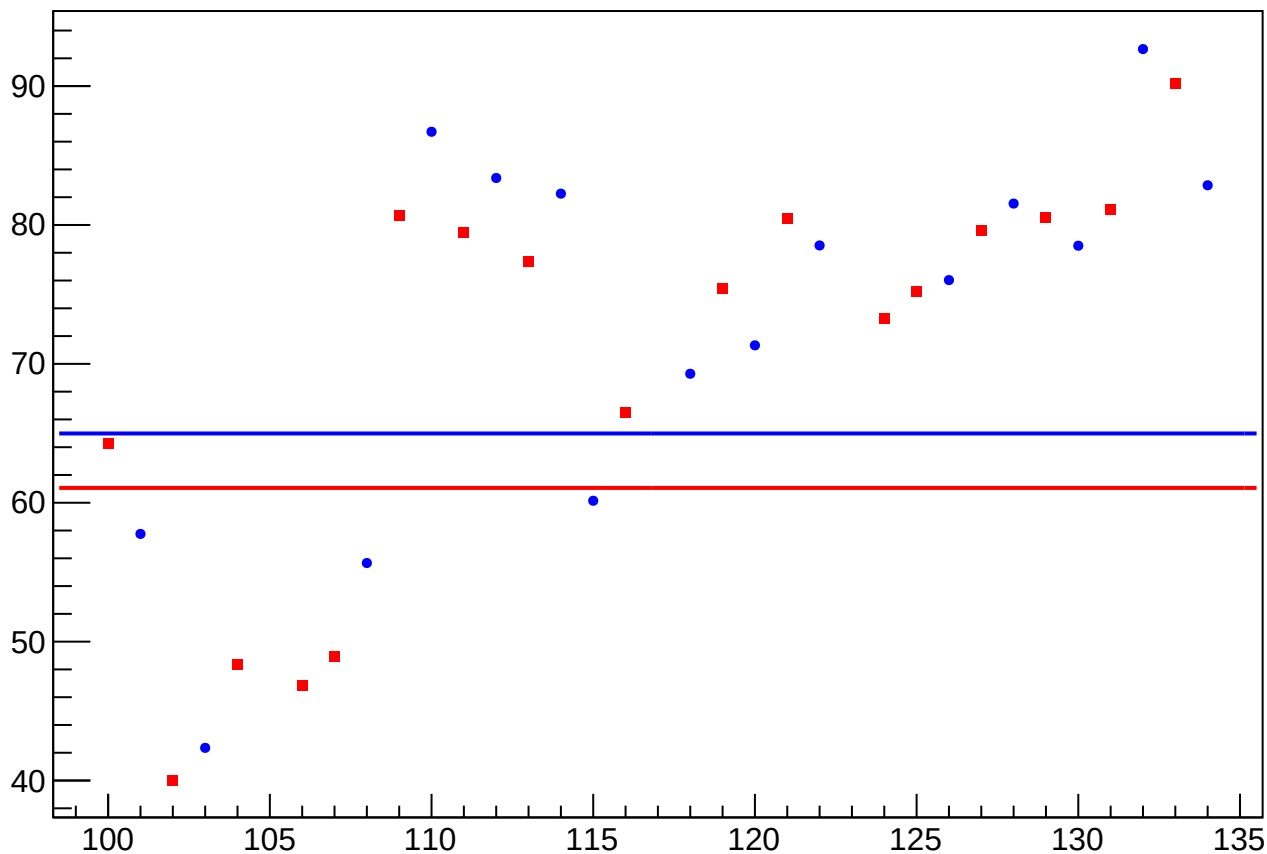
Right: 0.032+/-0.018 χ^2/NDF : 29.6/31

In: 0.013+/-0.027 χ^2/NDF : 15.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.018 χ^2/NDF : 29.6/31

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.989+/-0.019 χ^2/NDF : 705985.4/14

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

Right Out: 61.069+/-0.018 χ^2/NDF : 100223.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

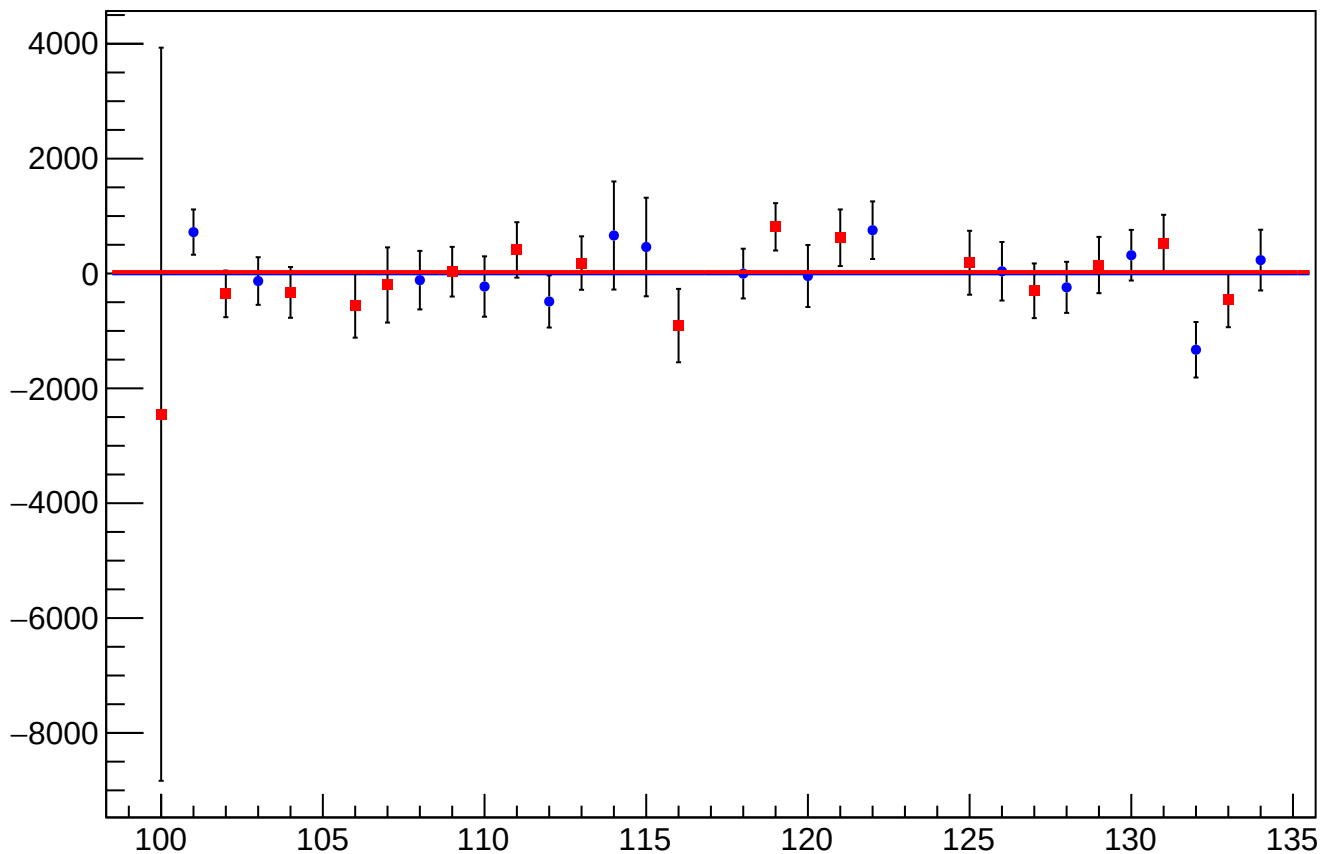
Right: 62.865+/-0.013 χ^2/NDF : 1731151.8/31

In: 64.989+/-0.019 χ^2/NDF : 705985.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.865+/-0.013 χ^2/NDF : 1731151.8/31

asym_dsl_mean vs Slug, Sign Corrected



Right In: 2.616+/-127.288 χ^2/NDF : 16.4/14

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

Right Out: 25.376+/-125.396 χ^2/NDF : 13.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

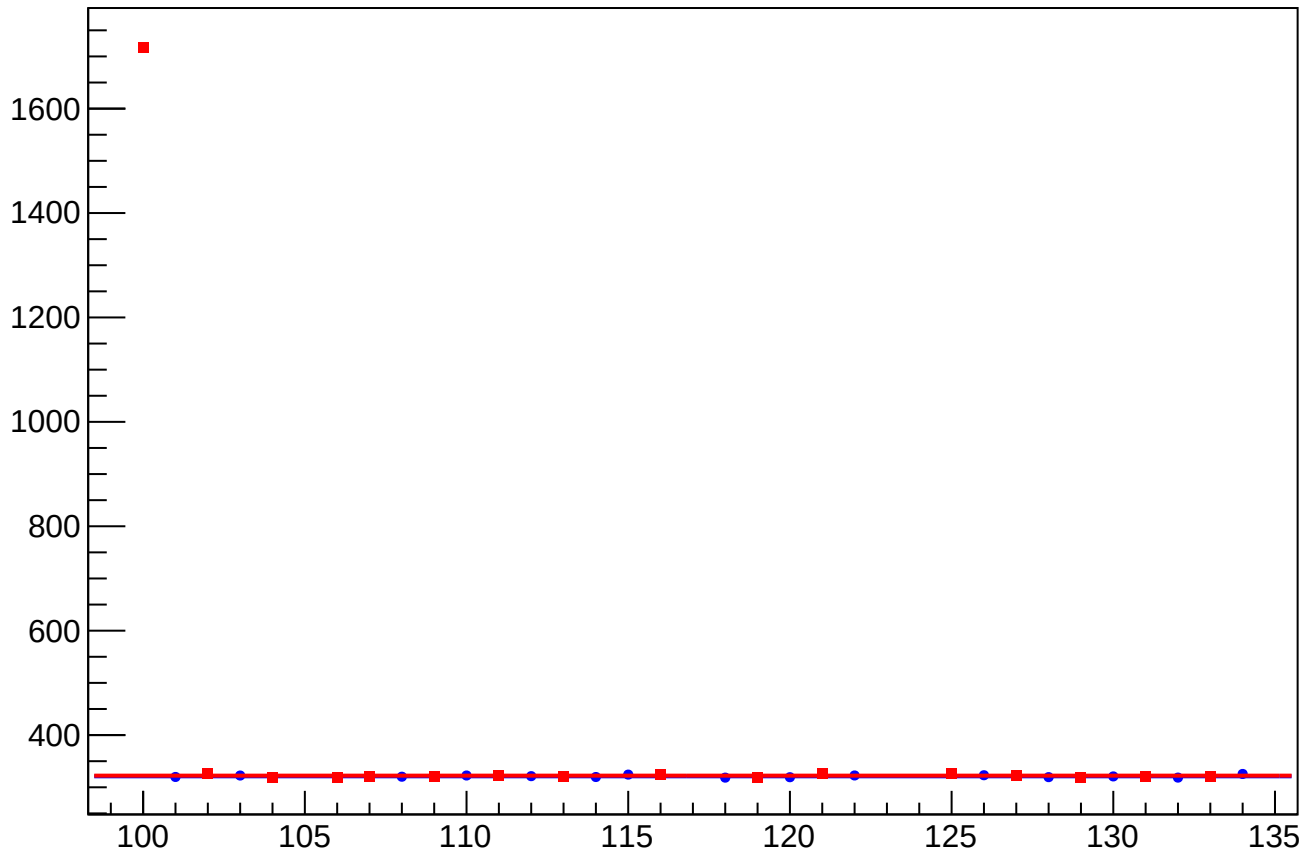
Right: 14.166+/-89.330 χ^2/NDF : 29.9/30

In: 2.616+/-127.288 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.166+/-89.330 χ^2/NDF : 29.9/30

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.017+/-0.090 χ^2/NDF : 467.8/14

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

Right Out: 322.322+/-0.089 χ^2/NDF : 96820.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

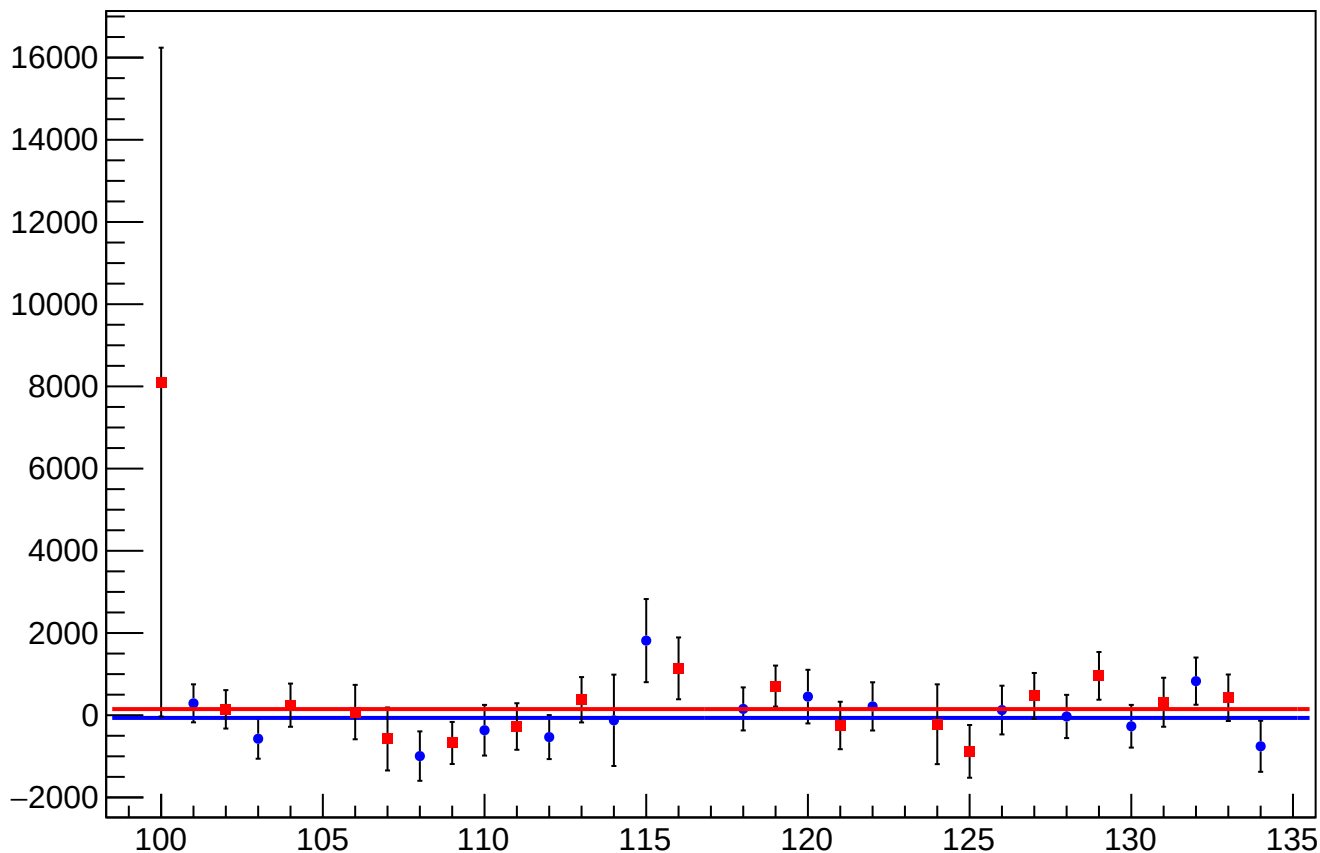
Right: 321.680+/-0.063 χ^2/NDF : 97394.7/30

In: 321.017+/-0.090 χ^2/NDF : 467.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.680+/-0.063 χ^2/NDF : 97394.7/30

asym_dsr_mean vs Slug, Sign Corrected



Right In: -65.717+/-150.296 χ^2/NDF : 13.5/14

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

Right Out: 149.239+/-146.119 χ^2/NDF : 14.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

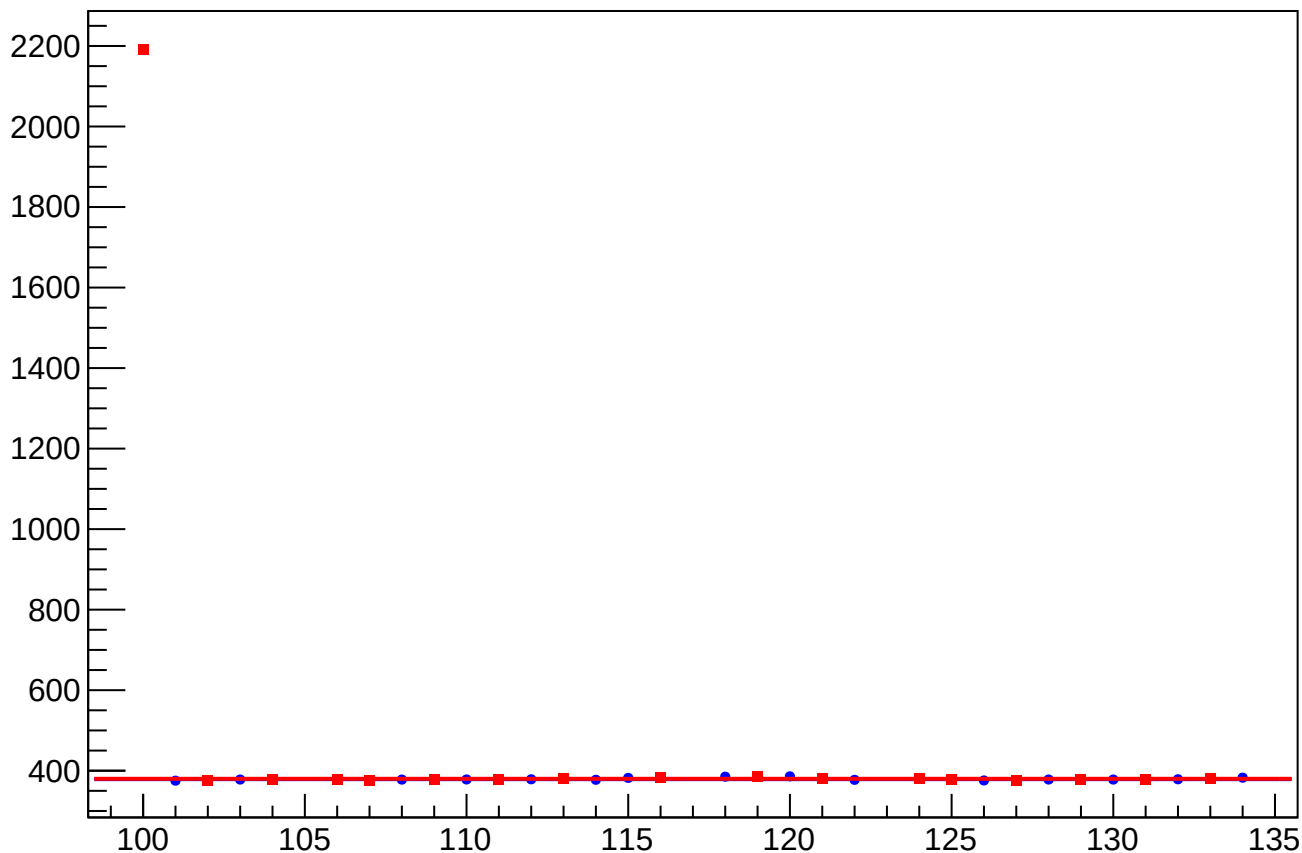
Right: 44.790+/-104.768 χ^2/NDF : 28.5/31

In: -65.717+/-150.296 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.790+/-104.768 χ^2/NDF : 28.5/31

asym_dsr_rms vs Slug, Sign Corrected



Right In: 379.019+/-0.106 χ^2/NDF : 842.6/14

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

Right Out: 379.888+/-0.103 χ^2/NDF : 99579.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

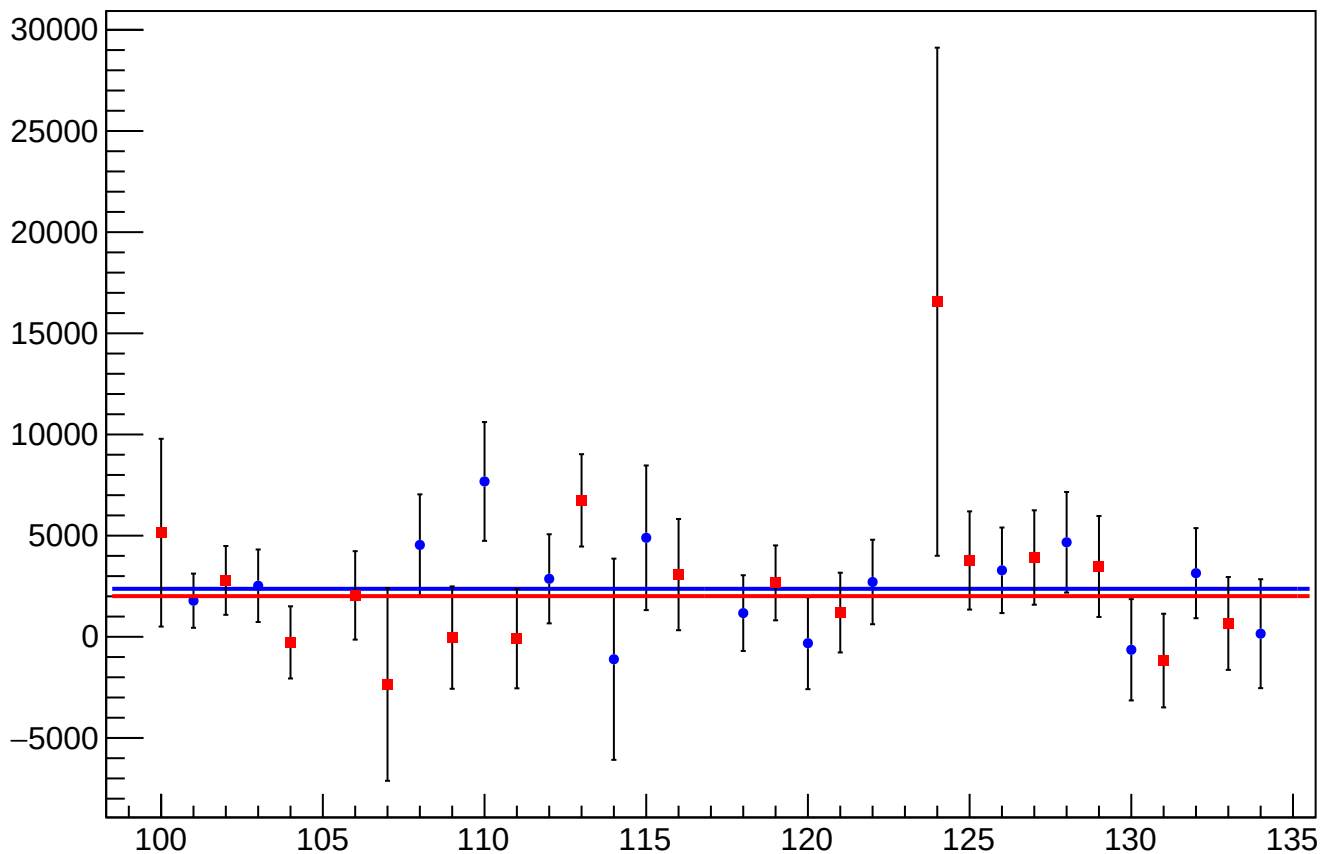
Right: 379.466+/-0.074 χ^2/NDF : 100456.4/31

In: 379.019+/-0.106 χ^2/NDF : 842.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.466+/-0.074 χ^2/NDF : 100456.4/31

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2372.145+/-571.382 χ^2/NDF : 10.4/14

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

Right Out: 2010.087+/-572.334 χ^2/NDF : 14.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

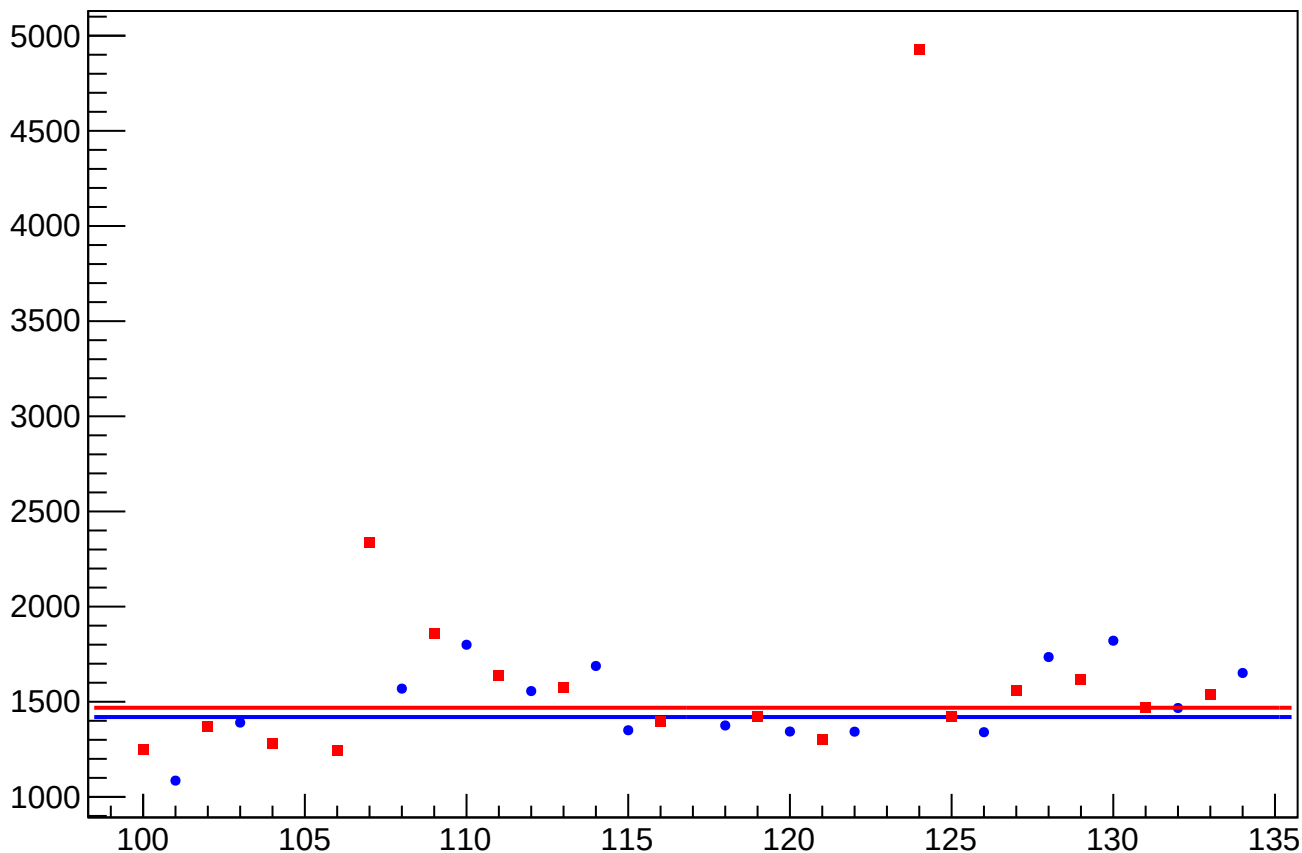
Right: 2191.417+/-404.364 χ^2/NDF : 25.0/31

In: 2372.145+/-571.382 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.417+/-404.364 χ^2/NDF : 25.0/31

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1419.688+/-0.404 χ^2/NDF : 288019.9/14

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

Right Out: 1468.526+/-0.405 χ^2/NDF : 364207.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

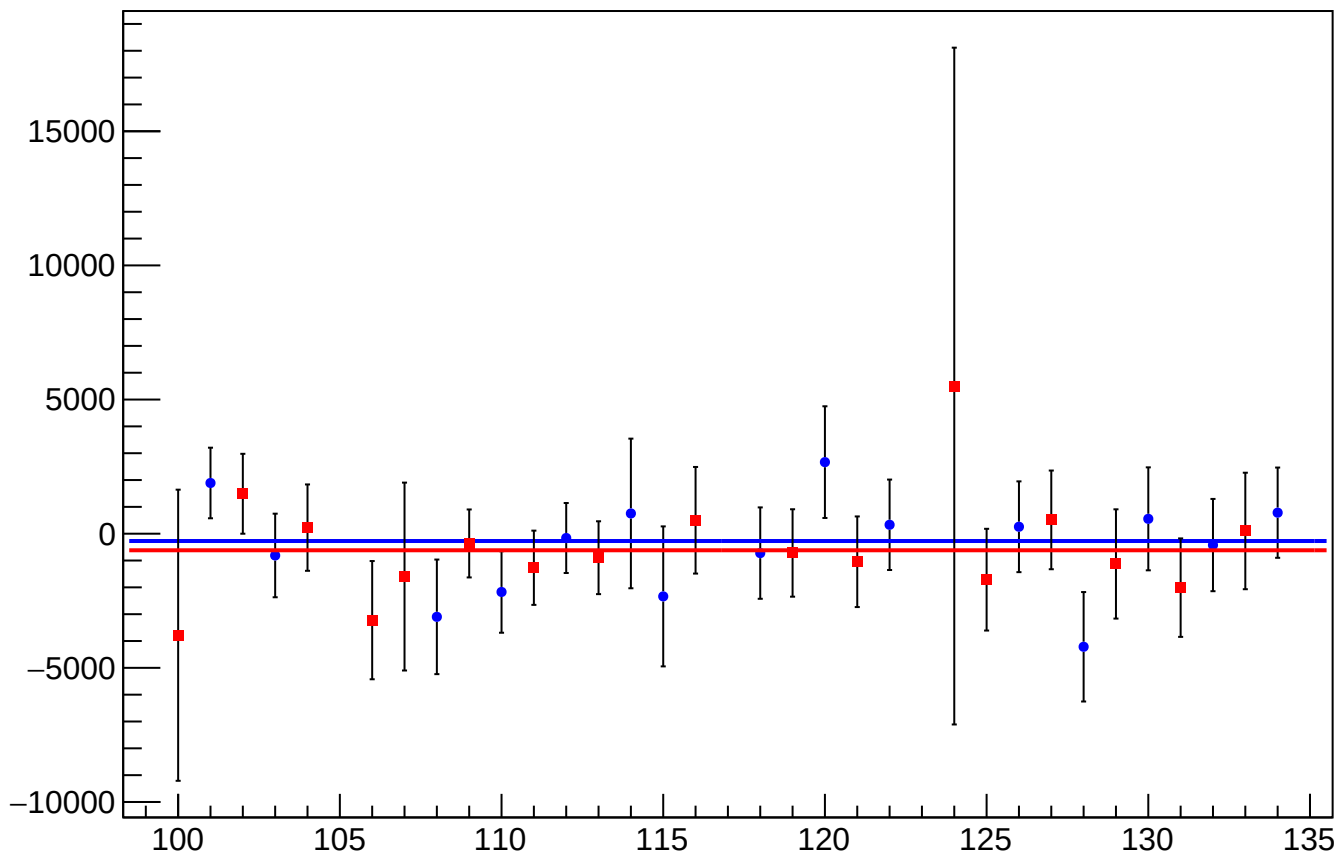
Right: 1444.067+/-0.286 χ^2/NDF : 659521.3/31

In: 1419.688+/-0.404 χ^2/NDF : 288019.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1444.067+/-0.286 χ^2/NDF : 659521.3/31

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -272.560+/-447.845 χ^2/NDF : 13.5/14

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

Right Out: -617.872+/-440.324 χ^2/NDF : 6.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

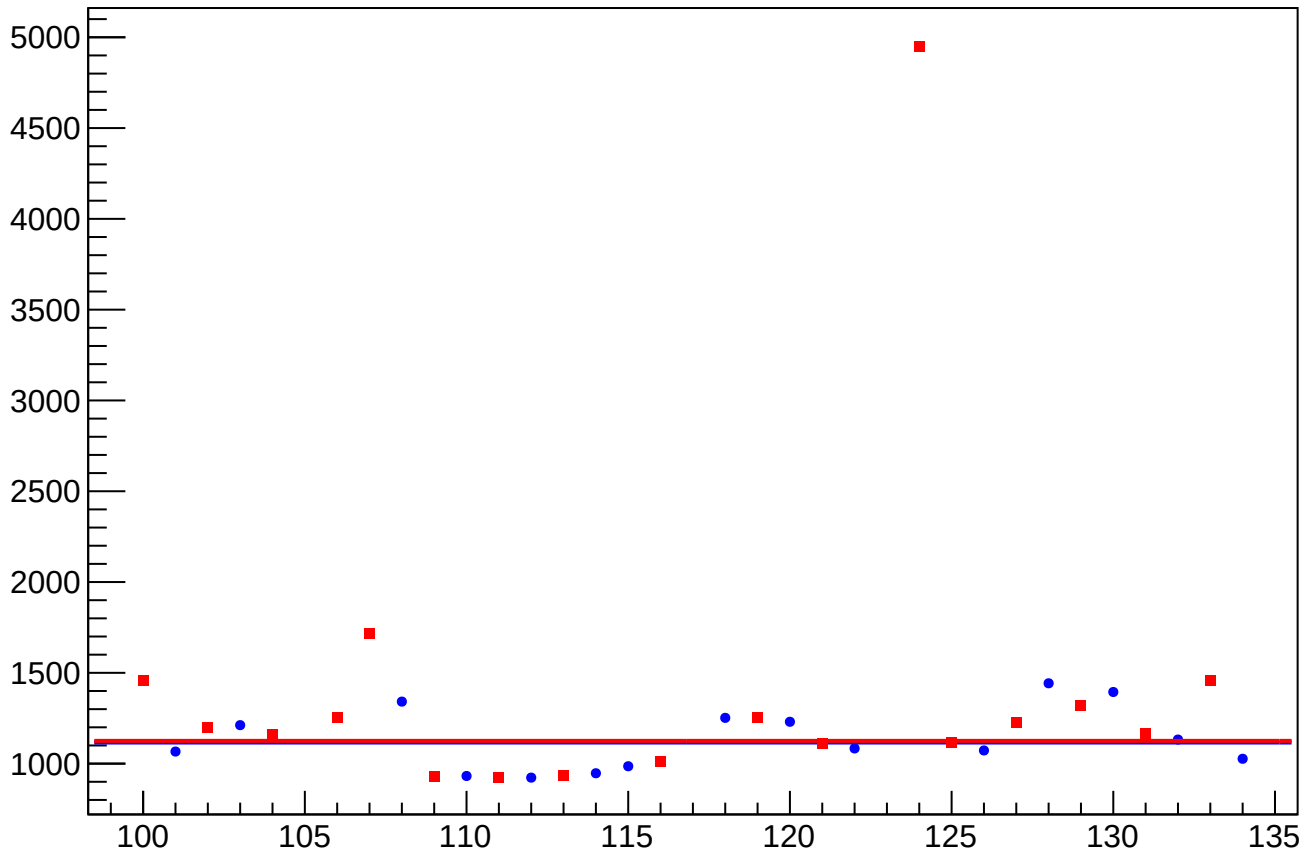
Right: -448.140+/-313.981 χ^2/NDF : 20.3/31

In: -272.560+/-447.845 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.140+/-313.981 χ^2/NDF : 20.3/31

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1116.235+/-0.317 χ^2/NDF : 238243.7/14

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

Right Out: 1125.340+/-0.311 χ^2/NDF : 483606.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

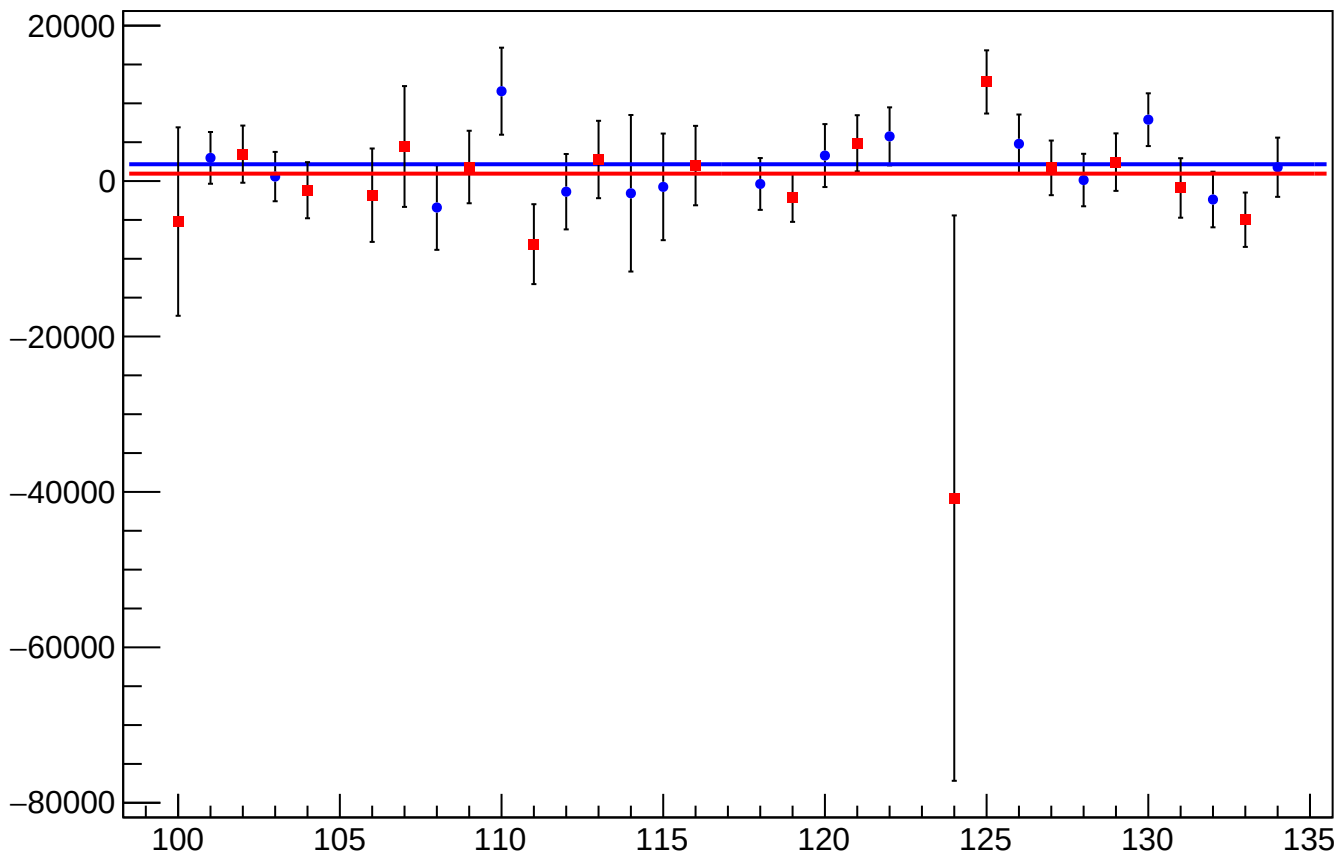
Right: 1120.865+/-0.222 χ^2/NDF : 722270.4/31

In: 1116.235+/-0.317 χ^2/NDF : 238243.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.865+/-0.222 χ^2/NDF : 722270.4/31

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2163.798+/-1029.832 χ^2/NDF : 11.9/14

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

Right Out: 954.263+/-1049.972 χ^2/NDF : 20.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

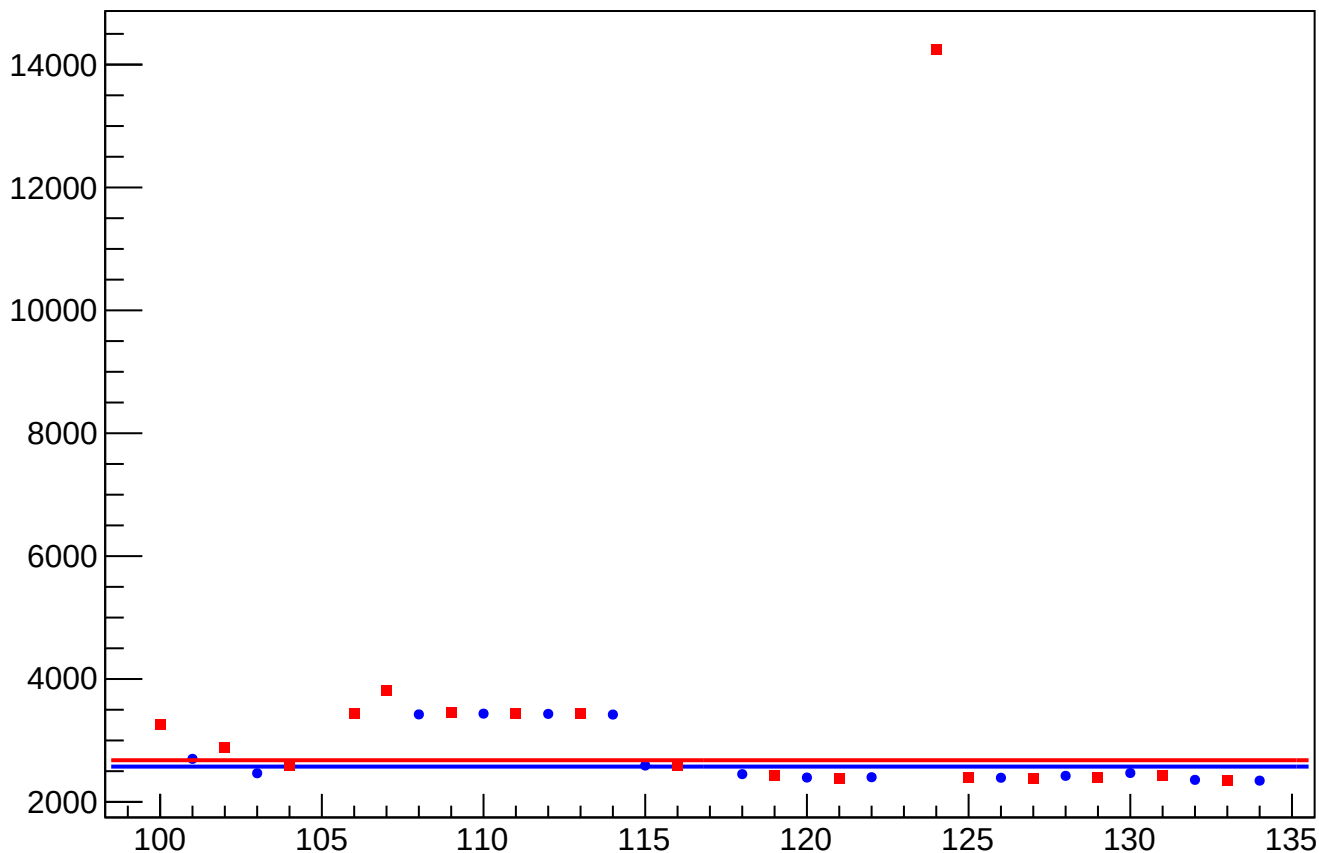
Right: 1570.742+/-735.218 χ^2/NDF : 32.6/31

In: 2163.798+/-1029.832 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.742+/-735.218 χ^2/NDF : 32.6/31

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

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

Right Out: 2678.337+/-0.742 χ^2/NDF : 520661.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

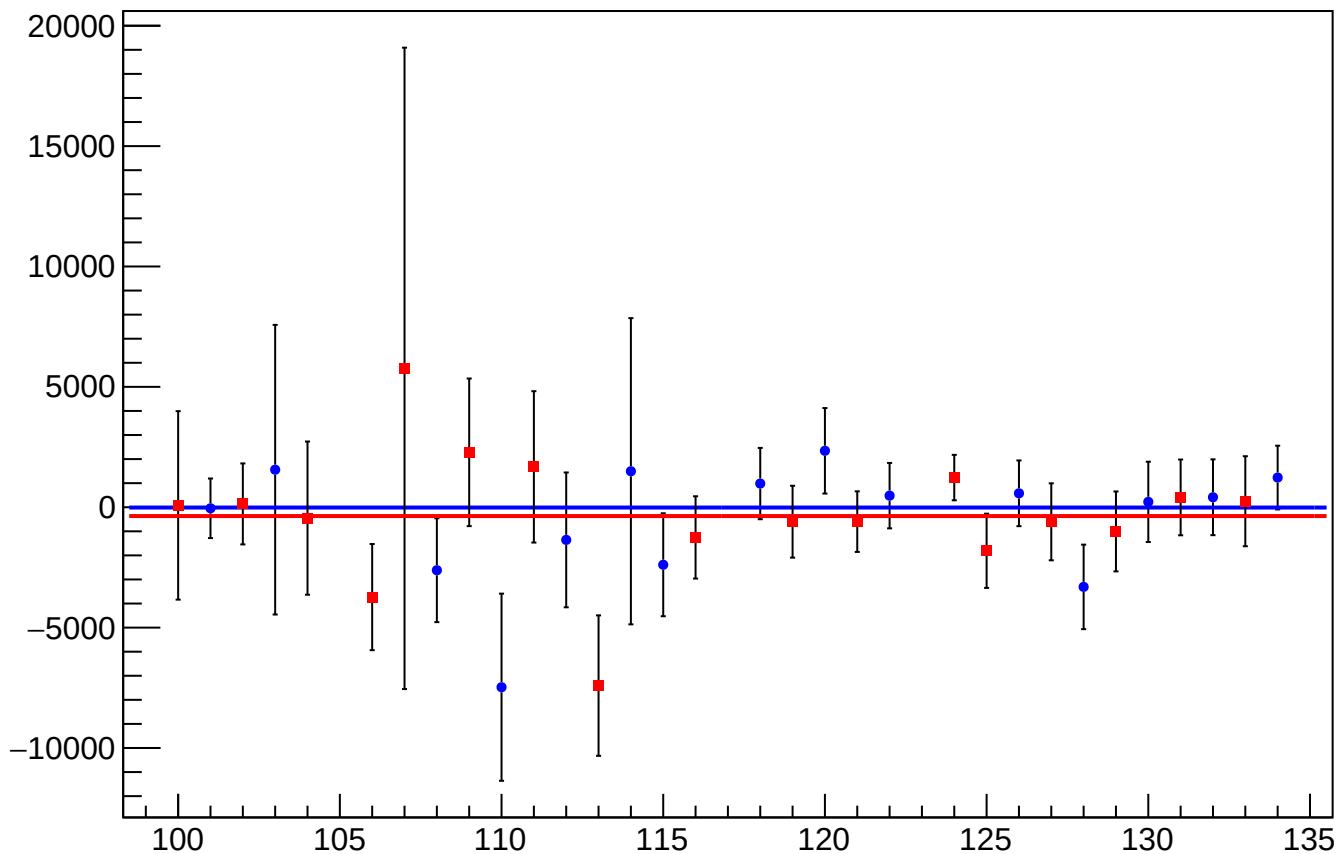
Right: 2625.486+/-0.520 χ^2/NDF : 744292.3/31

In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2625.486+/-0.520 χ^2/NDF : 744292.3/31

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -12.453+/-454.429 χ^2/NDF : 13.8/14

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

Right Out: -366.577+/-427.790 χ^2/NDF : 14.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

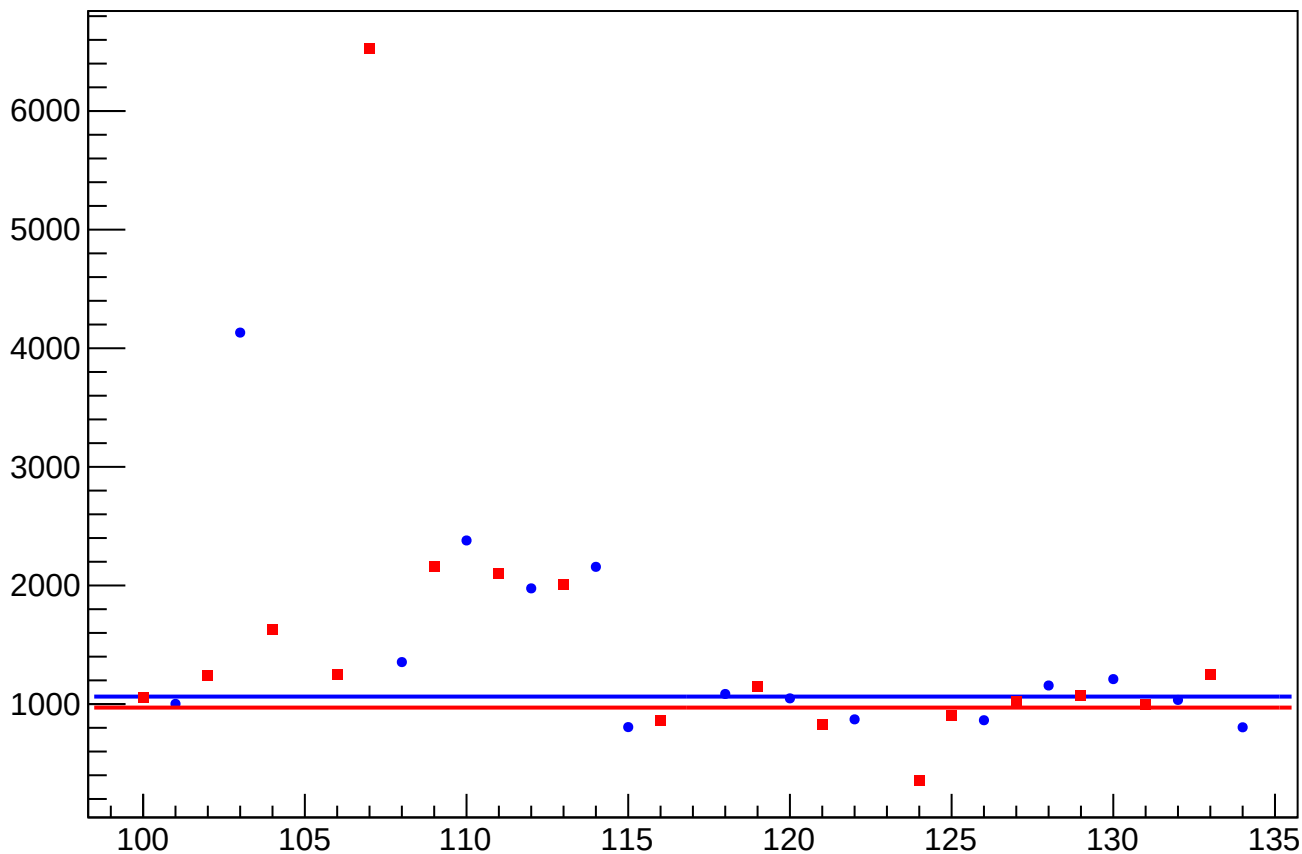
Right: -200.198+/-311.485 χ^2/NDF : 28.3/31

In: -12.453+/-454.429 χ^2/NDF : 13.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.198+/-311.485 χ^2/NDF : 28.3/31

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1063.288+/-0.321 χ^2/NDF : 1273298.4/14

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

Right Out: 970.514+/-0.302 χ^2/NDF : 2306090.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

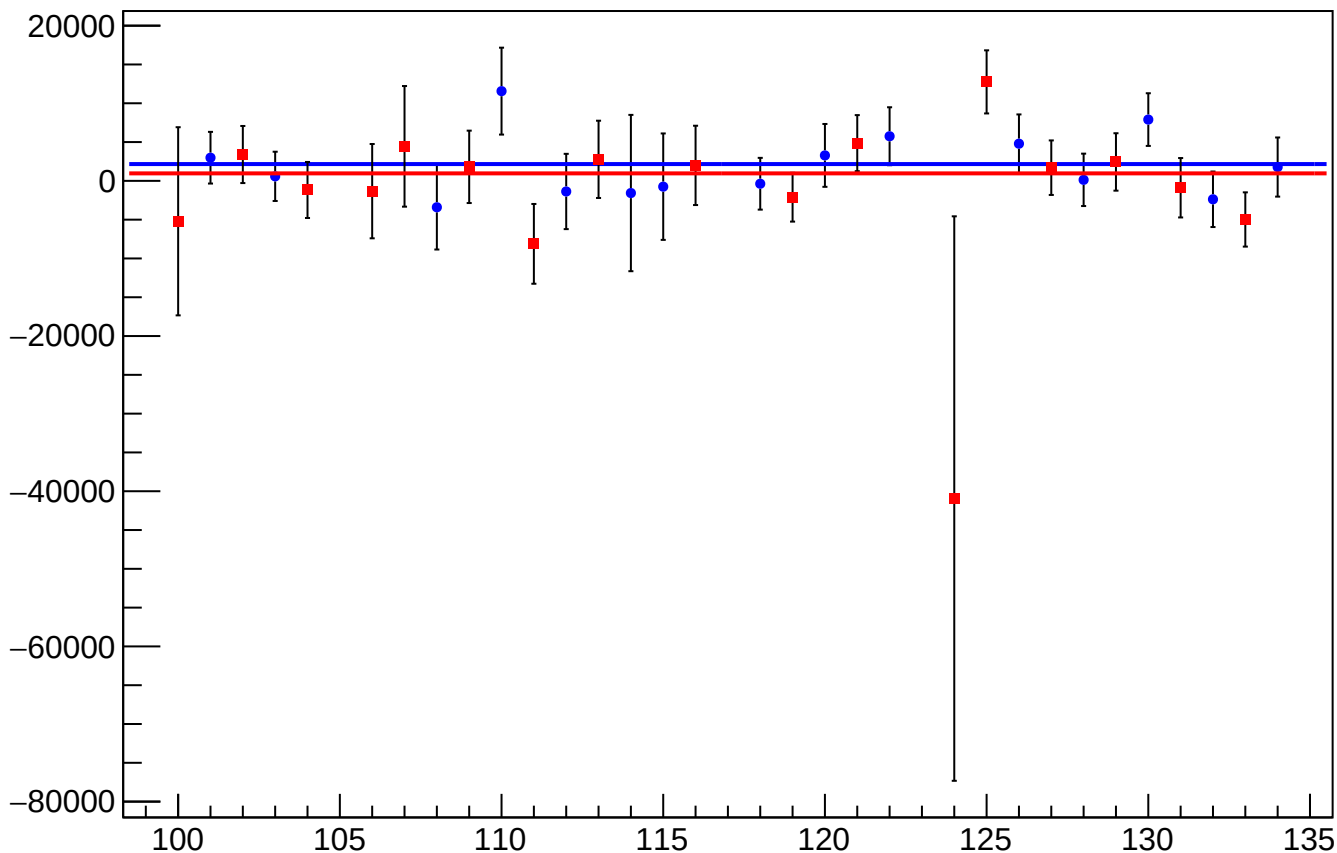
Right: 1014.103+/-0.220 χ^2/NDF : 3623583.3/31

In: 1063.288+/-0.321 χ^2/NDF : 1273298.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.103+/-0.220 χ^2/NDF : 3623583.3/31

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2164.203+/-1029.832 χ^2/NDF : 11.9/14

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

Right Out: 964.864+/-1050.336 χ^2/NDF : 19.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

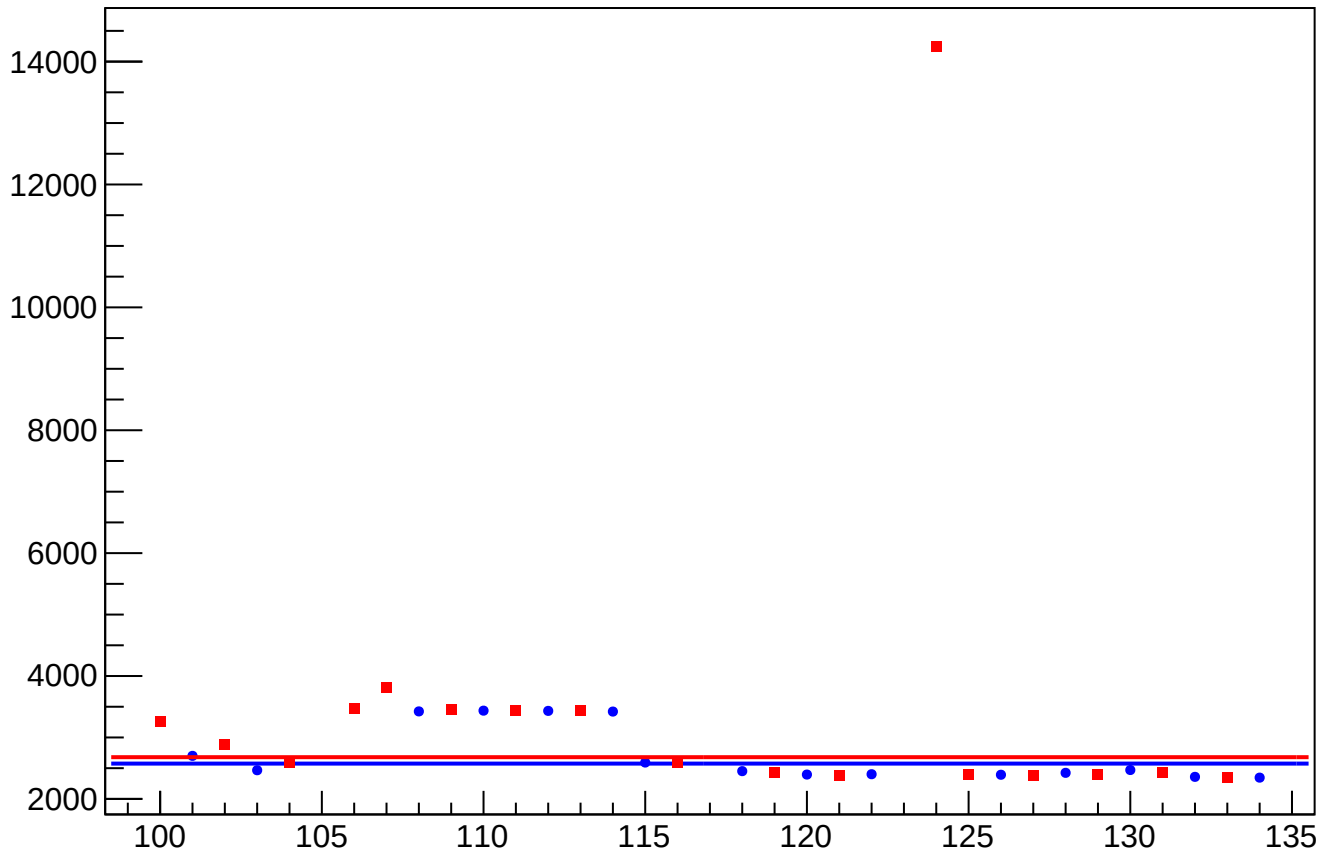
Right: 1576.353+/-735.343 χ^2/NDF : 32.5/31

In: 2164.203+/-1029.832 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.353+/-735.343 χ^2/NDF : 32.5/31

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

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

Right Out: 2678.992+/-0.743 χ^2/NDF : 523166.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

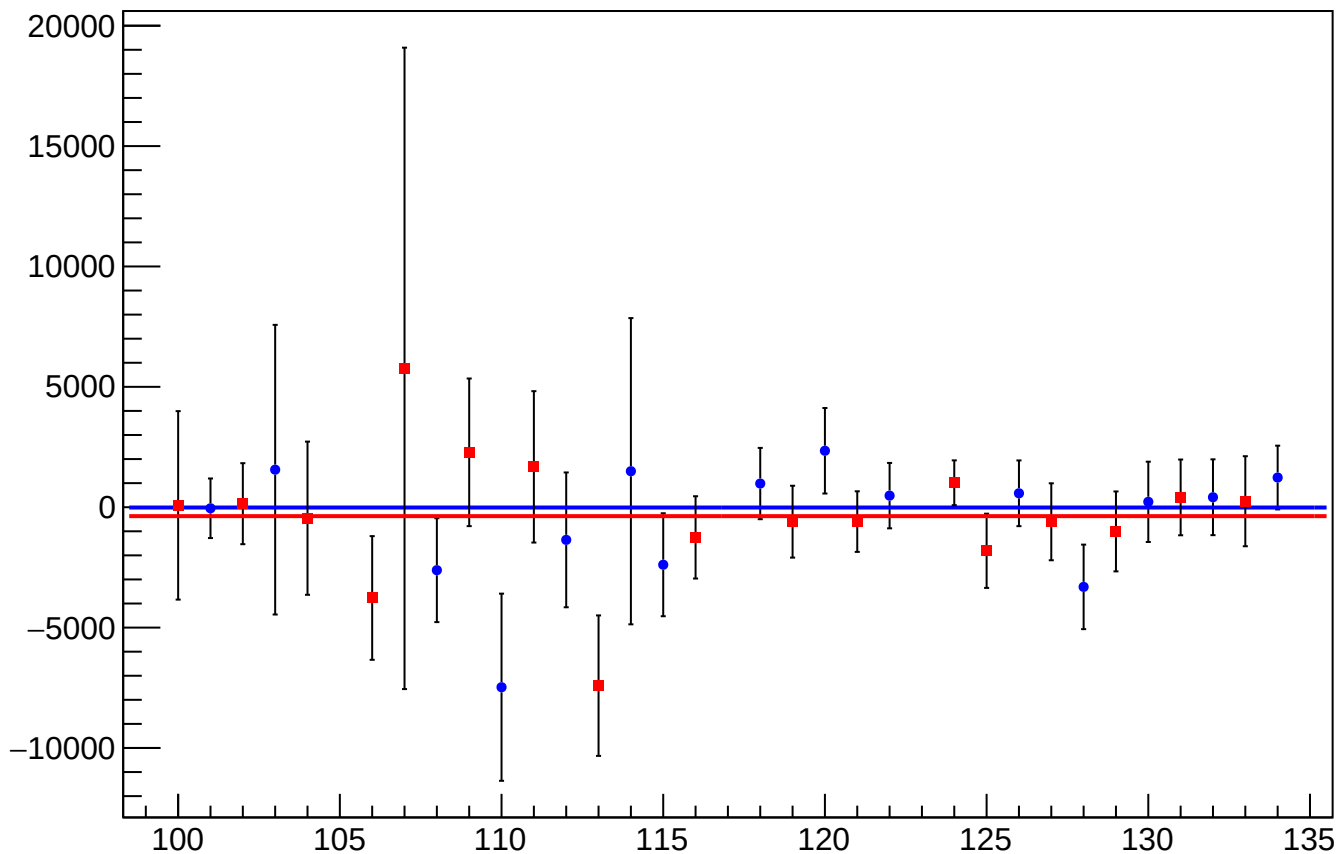
Right: 2625.789+/-0.520 χ^2/NDF : 746919.8/31

In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2625.789+/-0.520 χ^2/NDF : 746919.8/31

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -12.487 ± 454.426 χ^2/NDF : 13.8/14

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

Right Out: -370.978 ± 428.741 χ^2/NDF : 13.0/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

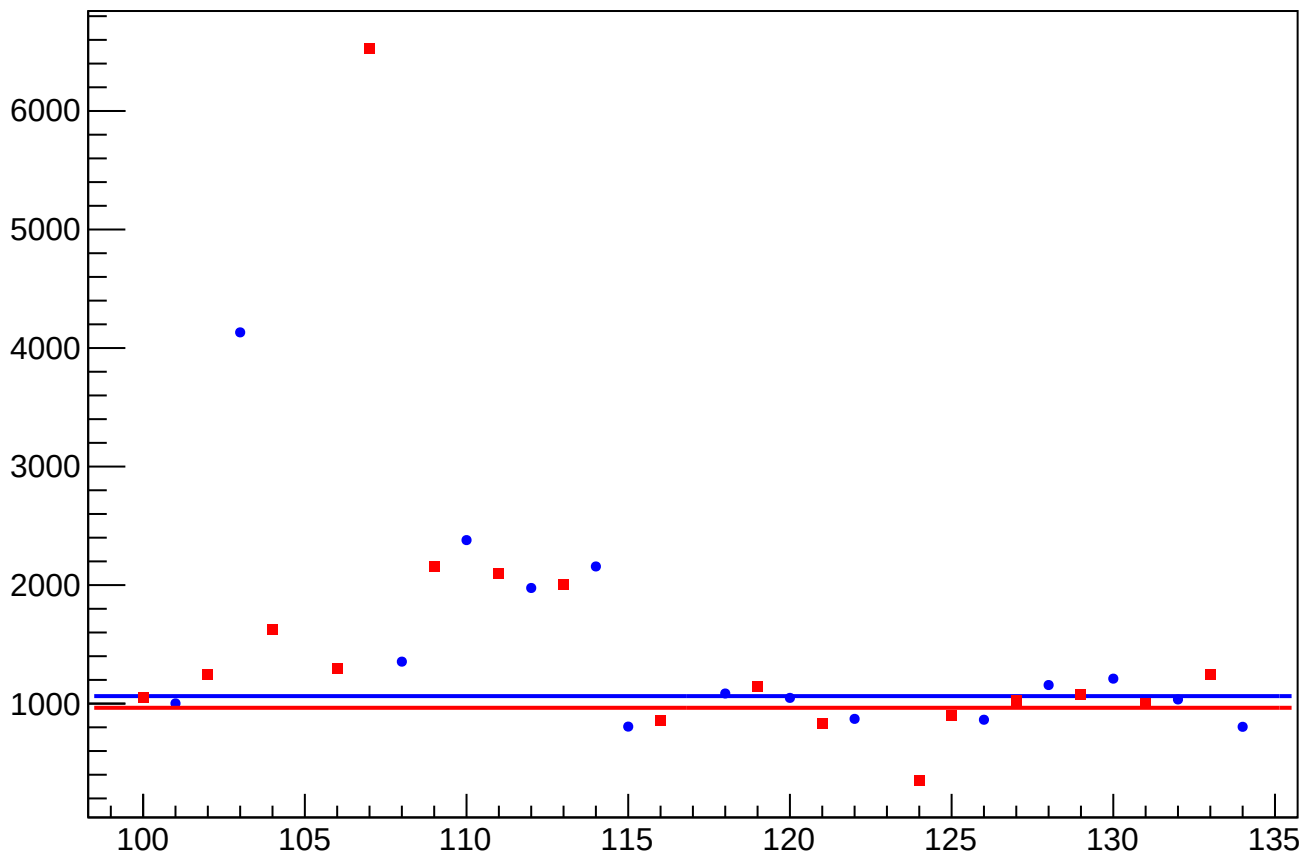
Right: -202.150 ± 311.851 χ^2/NDF : 27.1/31

In: -12.487 ± 454.426 χ^2/NDF : 13.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -202.150 ± 311.851 χ^2/NDF : 27.1/31

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1063.283+/-0.321 χ^2/NDF : 1273283.0/14

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

Right Out: 964.743+/-0.303 χ^2/NDF : 2341887.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

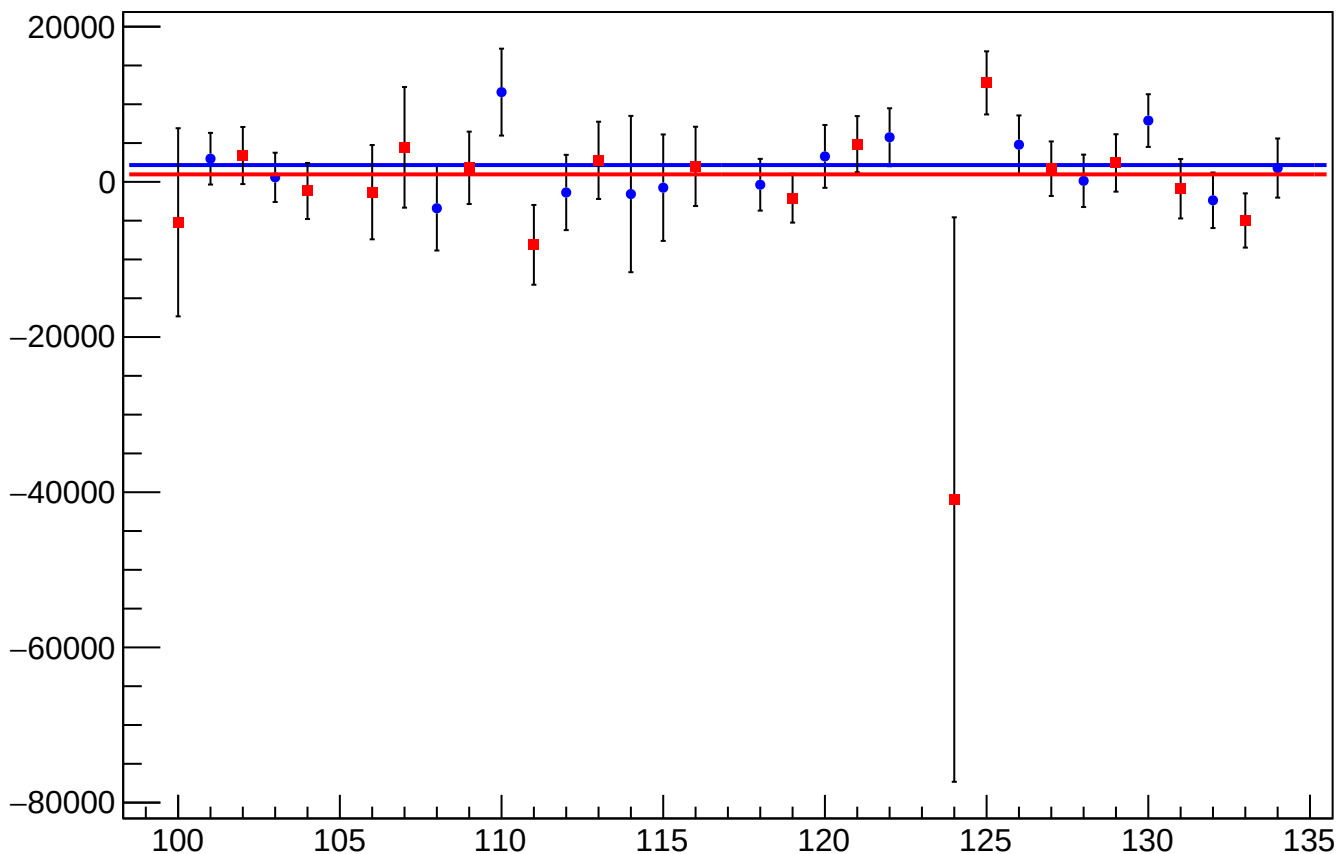
Right: 1011.149+/-0.221 χ^2/NDF : 3664923.9/31

In: 1063.283+/-0.321 χ^2/NDF : 1273283.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.149+/-0.221 χ^2/NDF : 3664923.9/31

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2164.203+/-1029.832 χ^2/NDF : 11.9/14

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

Right Out: 964.864+/-1050.336 χ^2/NDF : 19.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

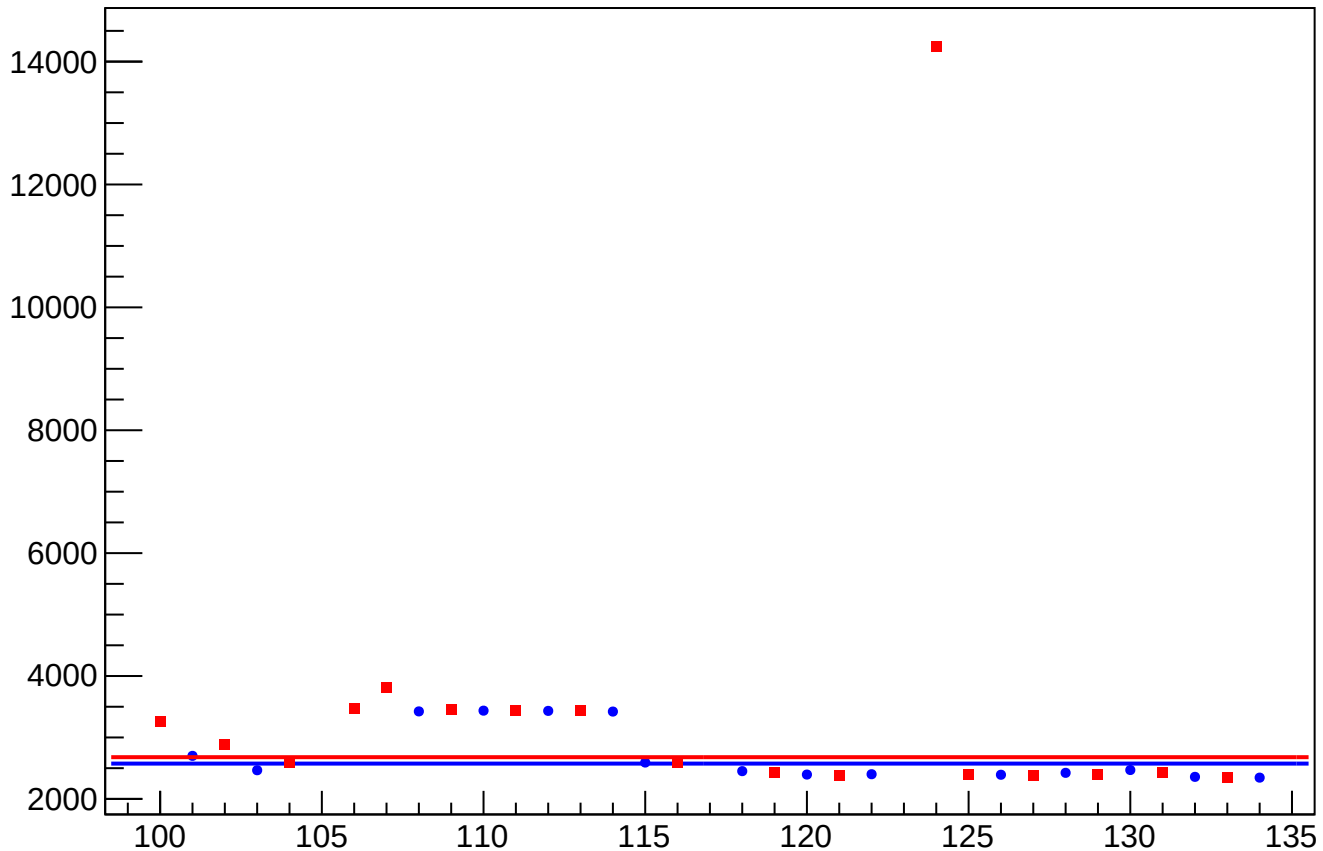
Right: 1576.353+/-735.343 χ^2/NDF : 32.5/31

In: 2164.203+/-1029.832 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.353+/-735.343 χ^2/NDF : 32.5/31

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

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

Right Out: 2678.992+/-0.743 χ^2/NDF : 523166.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

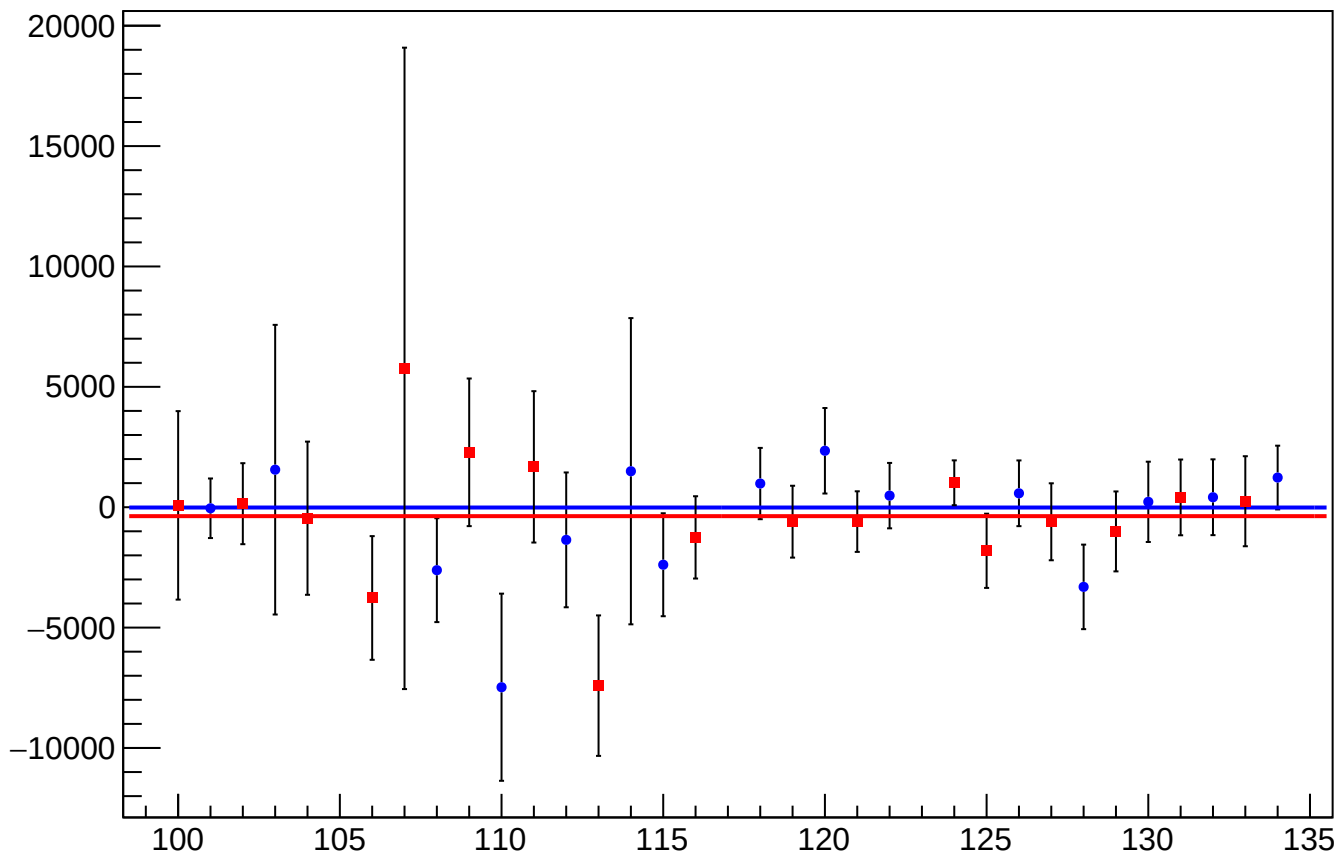
Right: 2625.789+/-0.520 χ^2/NDF : 746919.8/31

In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2625.789+/-0.520 χ^2/NDF : 746919.8/31

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -12.487+/-454.426 χ^2/NDF : 13.8/14

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

Right Out: -370.978+/-428.741 χ^2/NDF : 13.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

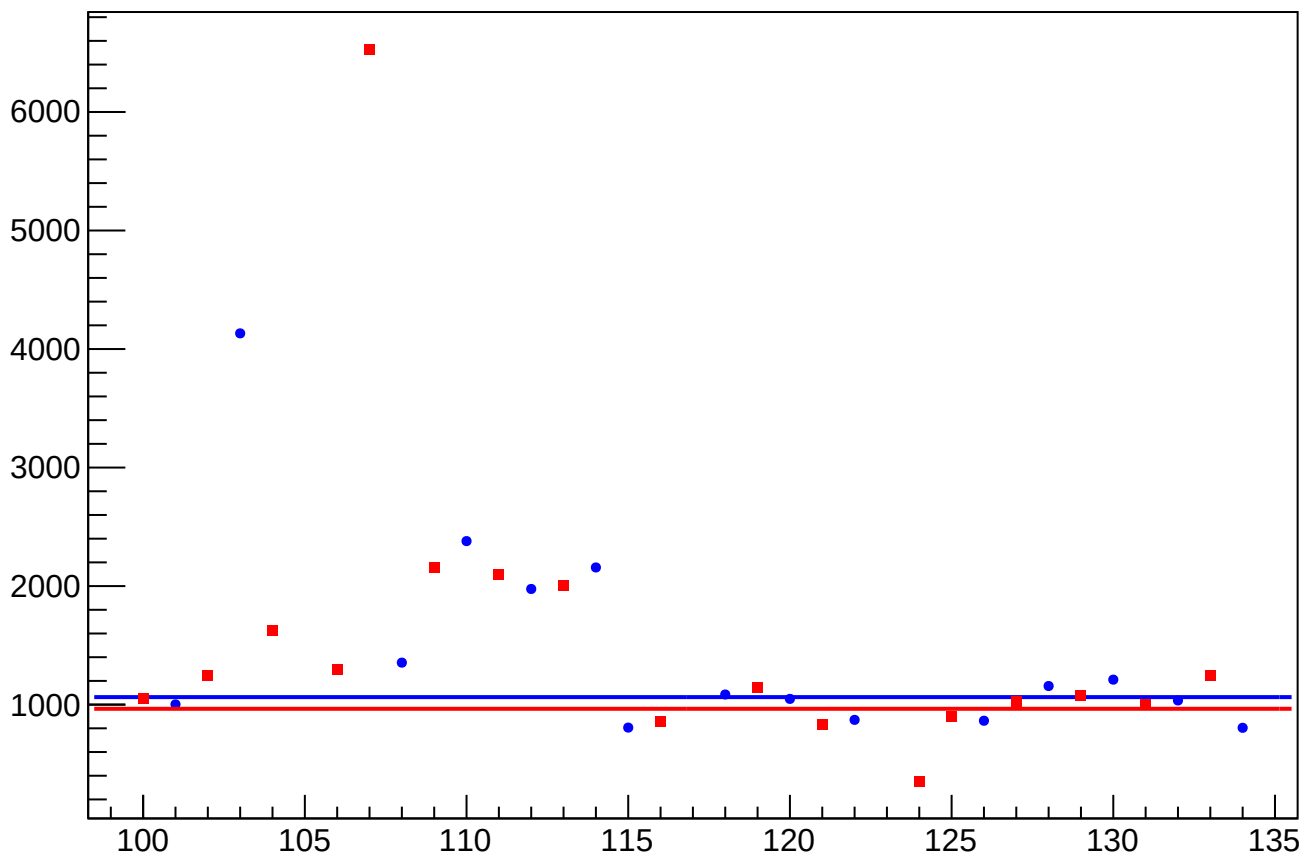
Right: -202.150+/-311.851 χ^2/NDF : 27.1/31

In: -12.487+/-454.426 χ^2/NDF : 13.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.150+/-311.851 χ^2/NDF : 27.1/31

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1063.283+/-0.321 χ^2/NDF : 1273283.0/14

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

Right Out: 964.743+/-0.303 χ^2/NDF : 2341887.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

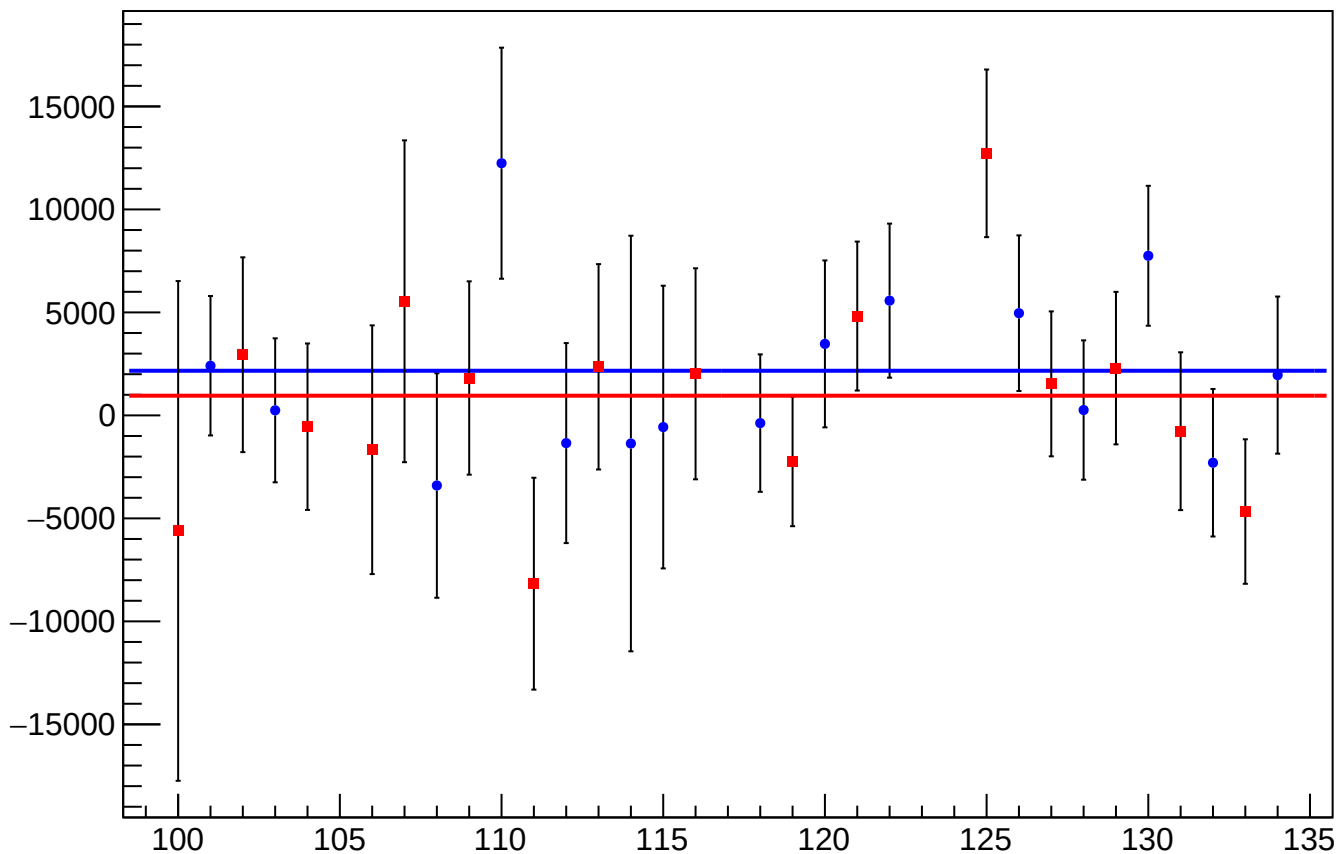
Right: 1011.149+/-0.221 χ^2/NDF : 3664923.9/31

In: 1063.283+/-0.321 χ^2/NDF :1273283.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1011.149+/-0.221 χ^2/NDF : 3664923.9/31

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2167.089+/-1041.949 χ^2/NDF : 12.0/14

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

Right Out: 956.025+/-1078.879 χ^2/NDF : 17.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

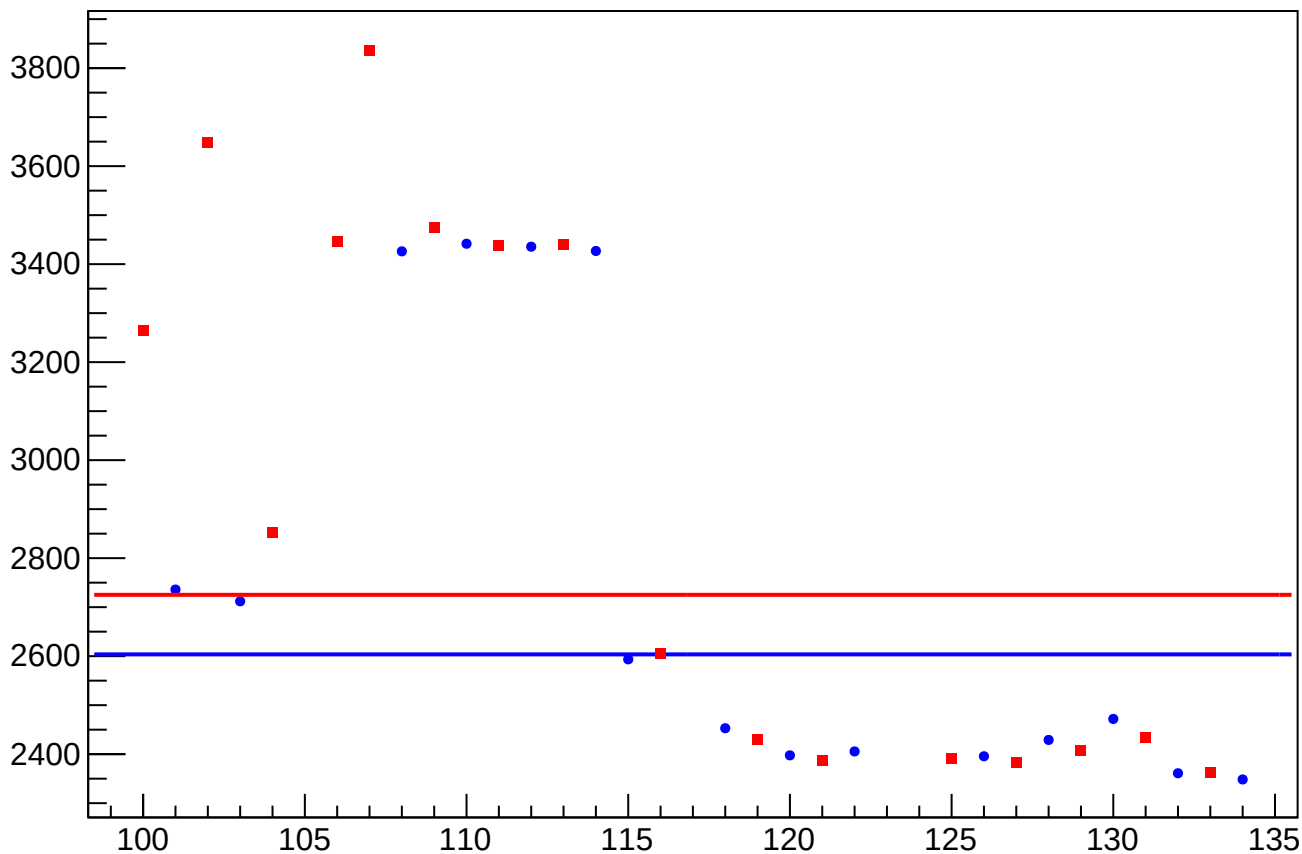
Right: 1582.639+/-749.485 χ^2/NDF : 30.6/30

In: 2167.089+/-1041.949 χ^2/NDF : 12.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.639+/-749.485 χ^2/NDF : 30.6/30

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2603.599+/-0.737 χ^2/NDF : 214598.5/14

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

Right Out: 2725.167+/-0.763 χ^2/NDF : 397770.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

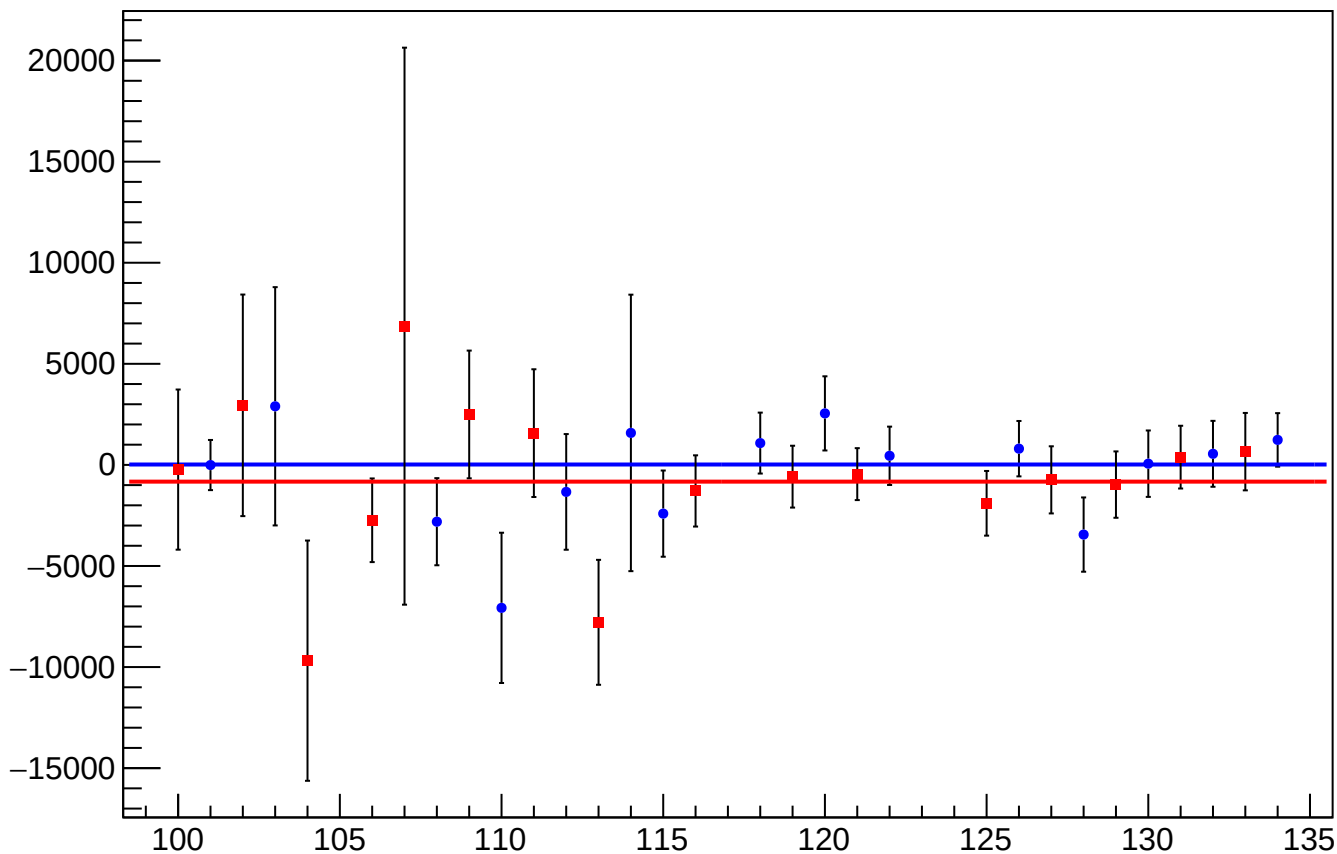
Right: 2662.267+/-0.530 χ^2/NDF : 625507.6/30

In: 2603.599+/-0.737 χ^2/NDF : 214598.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2662.267+/-0.530 χ^2/NDF : 625507.6/30

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: 19.436+/-461.515 χ^2/NDF : 14.5/14

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

Right Out: -827.852+/-510.468 χ^2/NDF : 12.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

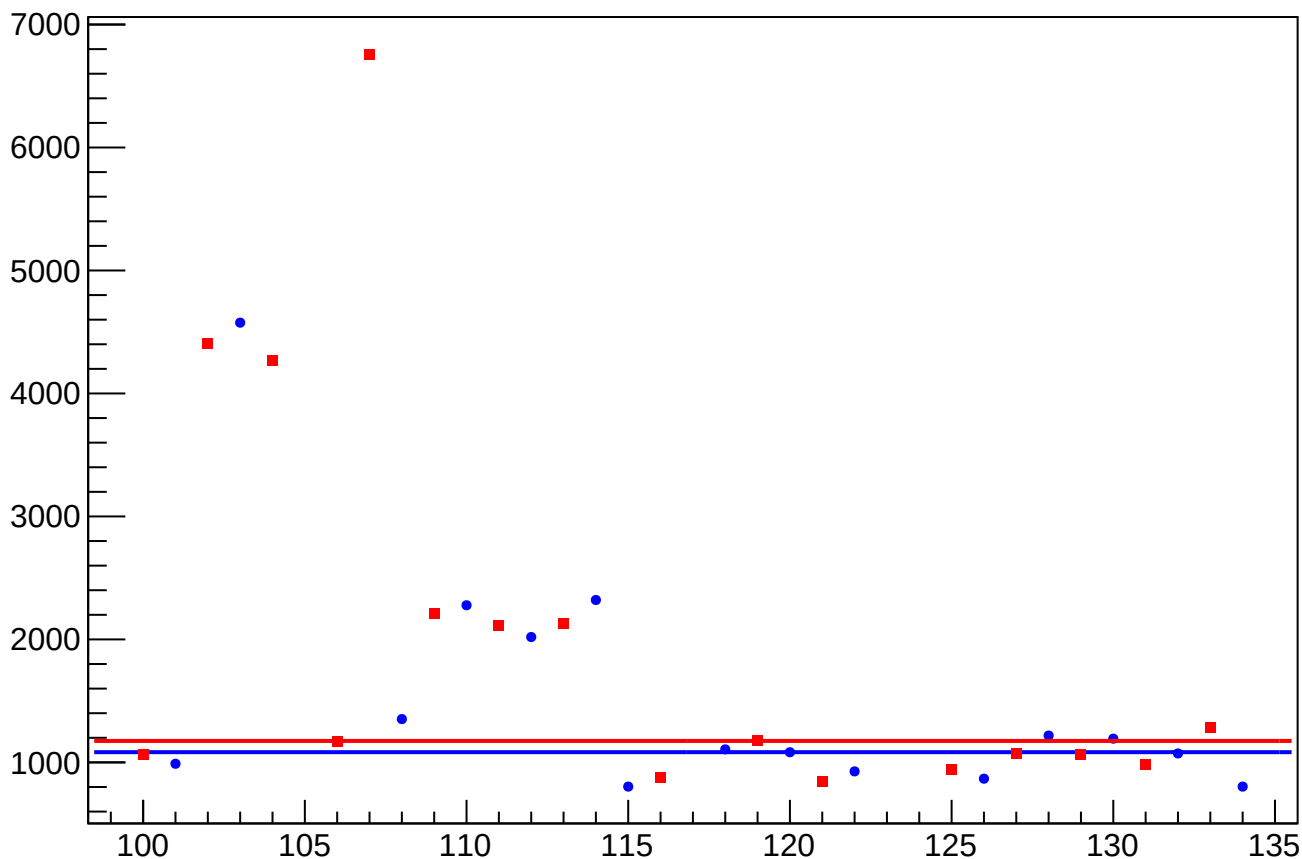
Right: -361.643+/-342.342 χ^2/NDF : 28.5/30

In: 19.436+/-461.515 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -361.643+/-342.342 χ^2/NDF : 28.5/30

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1083.070+/-0.326 χ^2/NDF : 1448689.8/14

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

Right Out: 1174.434+/-0.361 χ^2/NDF : 2427903.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

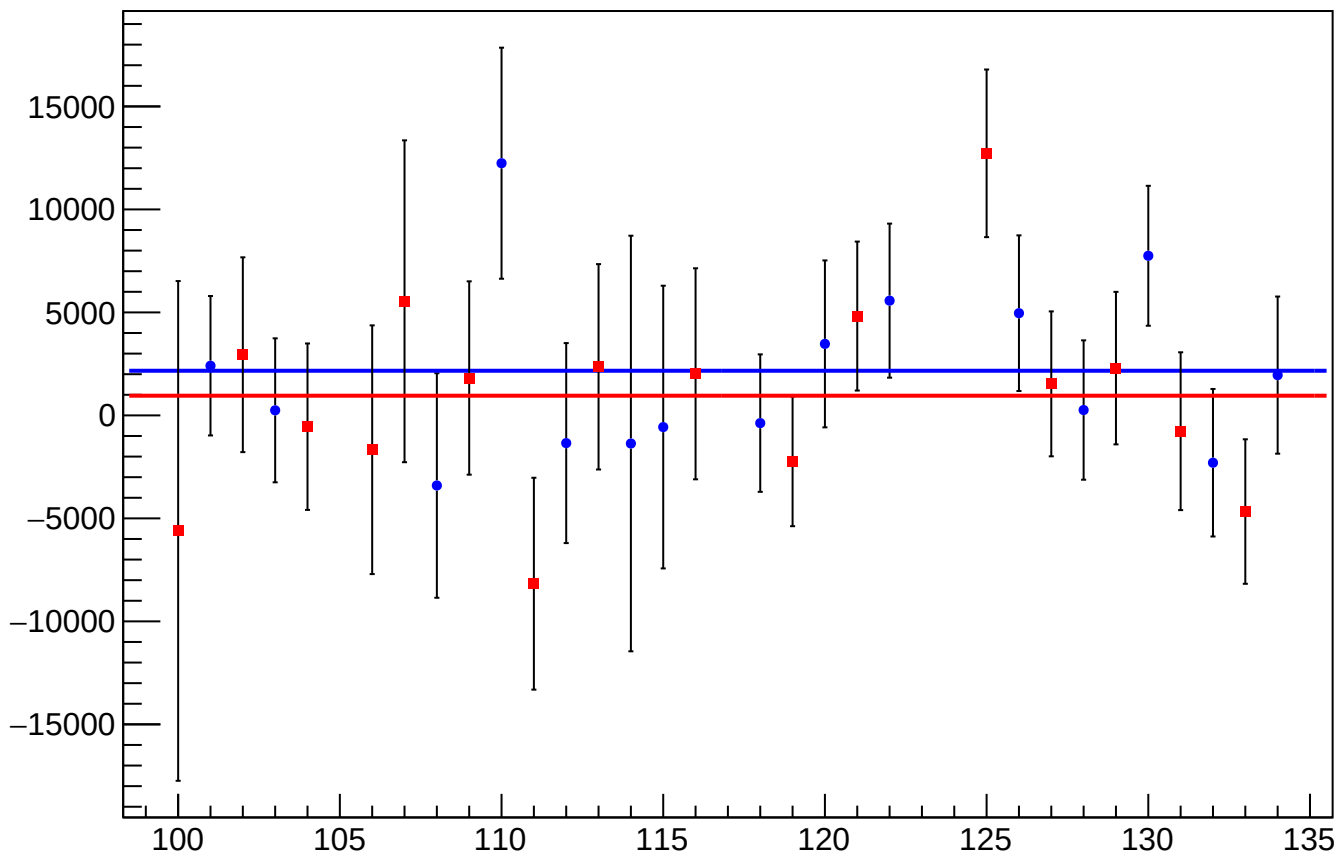
Right: 1124.162+/-0.242 χ^2/NDF : 3911846.3/30

In: 1083.070+/-0.326 χ^2/NDF : 1448689.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.162+/-0.242 χ^2/NDF : 3911846.3/30

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2167.086 $\pm$ 1041.949 χ^2 /NDF: 12.0/14

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

Right Out: 956.022 $\pm$ 1078.879 χ^2 /NDF: 17.9/15

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

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

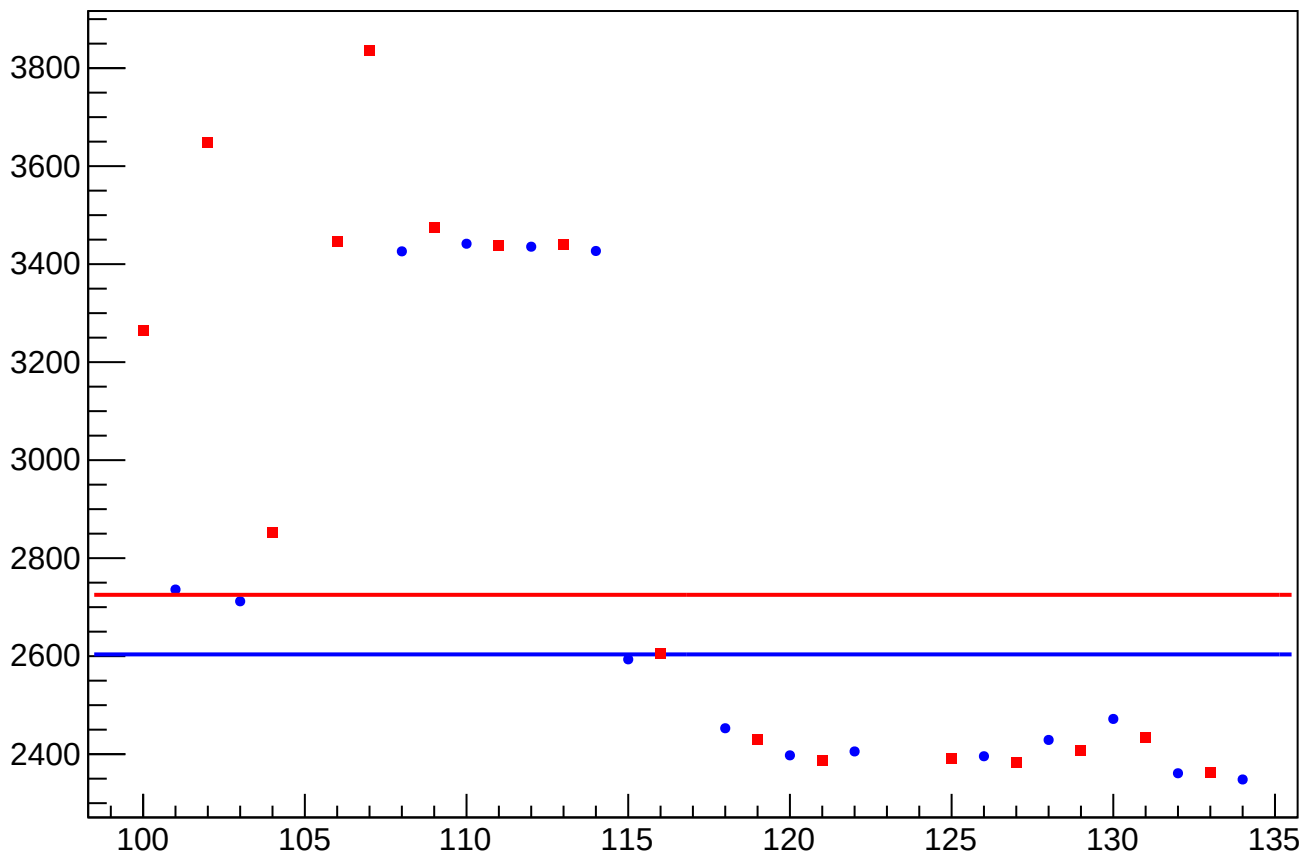
Right: 1582.636 $\pm$ 749.485 χ^2 /NDF: 30.6/30

In: 2167.086 $\pm$ 1041.949 χ^2 /NDF:12.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1582.636 $\pm$ 749.485 χ^2 /NDF: 30.6/30

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2603.598+/-0.737 χ^2/NDF : 214598.3/14

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

Right Out: 2725.167+/-0.763 χ^2/NDF : 397769.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

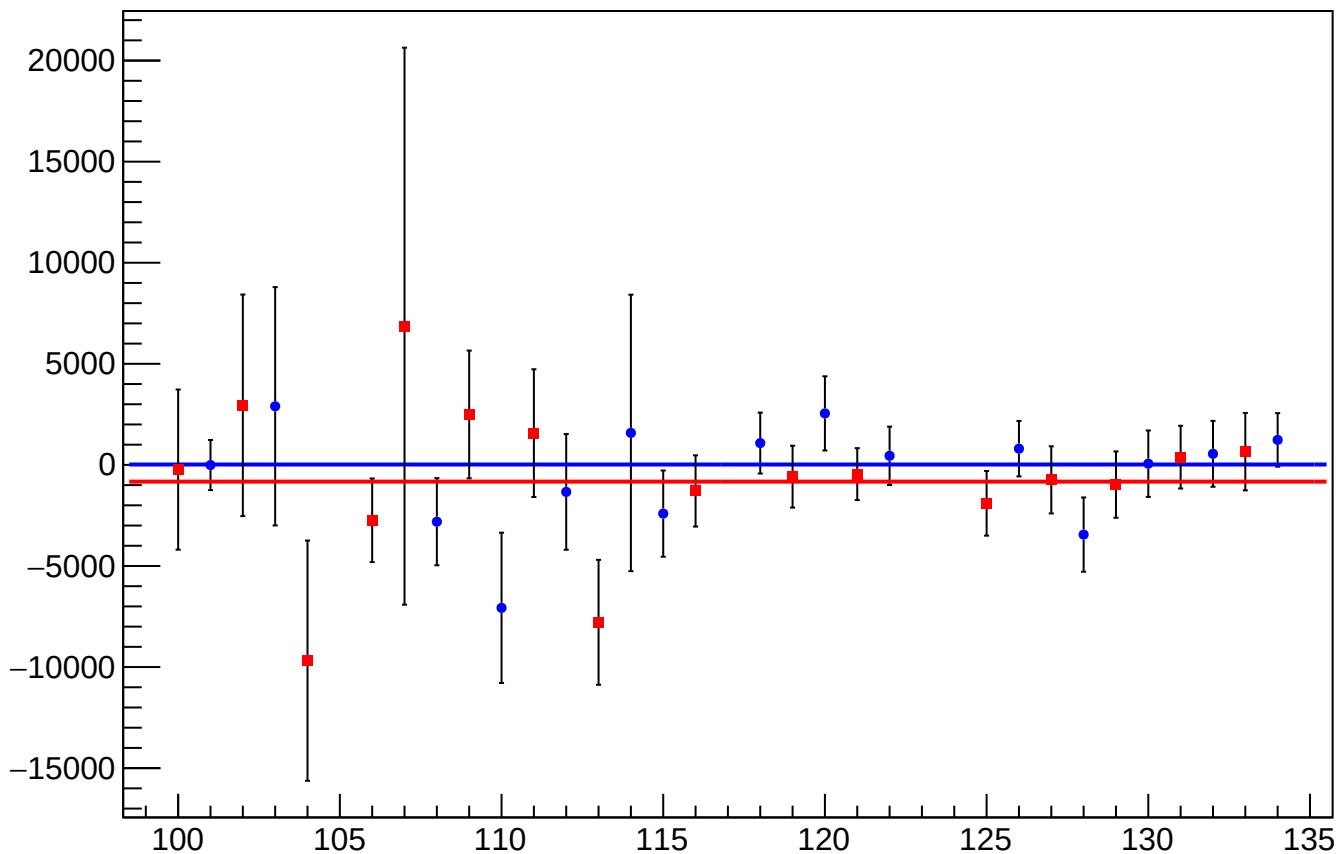
Right: 2662.266+/-0.530 χ^2/NDF : 625506.9/30

In: 2603.598+/-0.737 χ^2/NDF : 214598.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2662.266+/-0.530 χ^2/NDF : 625506.9/30

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 19.433+/-461.515 χ^2/NDF : 14.5/14

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

Right Out: -827.851+/-510.467 χ^2/NDF : 12.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

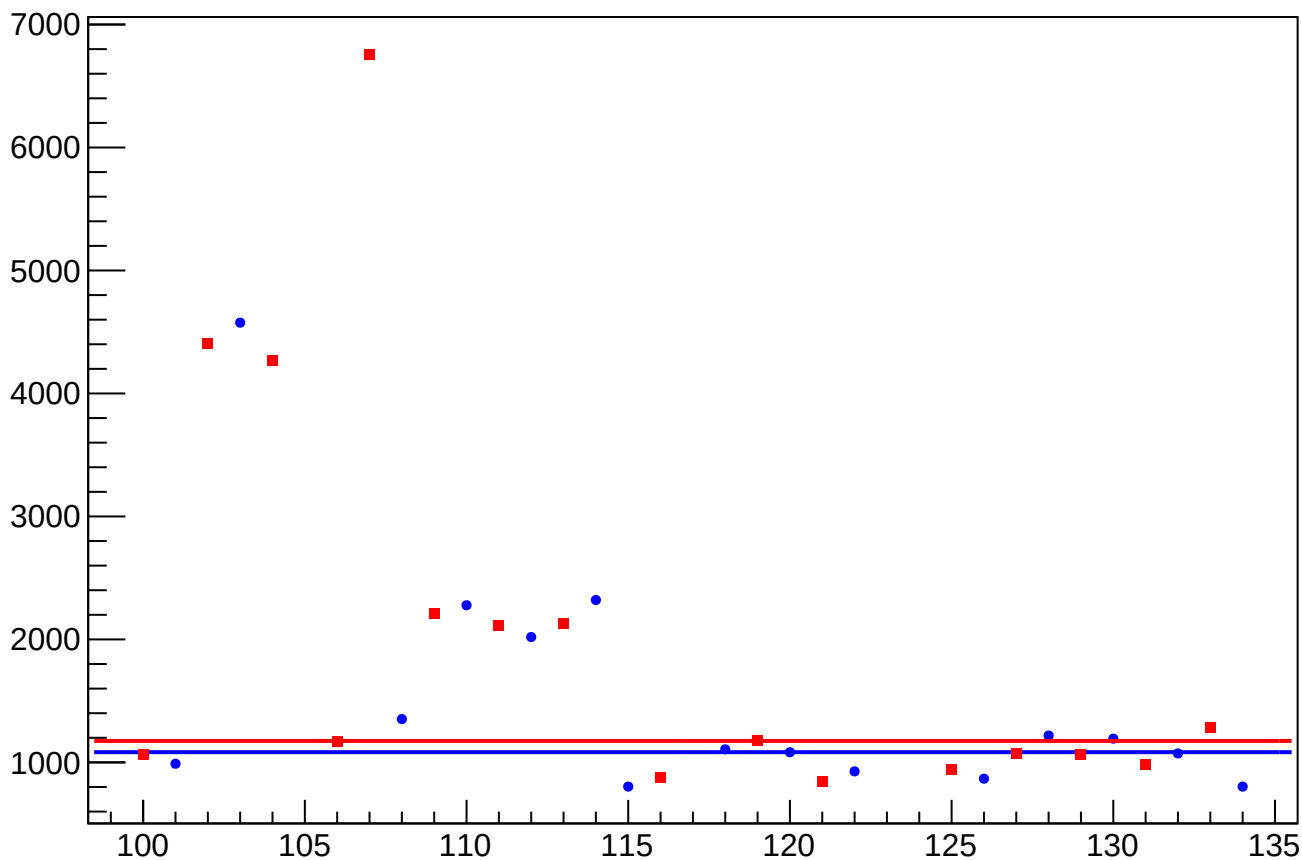
Right: -361.644+/-342.342 χ^2/NDF : 28.5/30

In: 19.433+/-461.515 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -361.644+/-342.342 χ^2/NDF : 28.5/30

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1083.070+/-0.326 χ^2/NDF : 1448686.6/14

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

Right Out: 1174.432+/-0.361 χ^2/NDF : 2427906.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

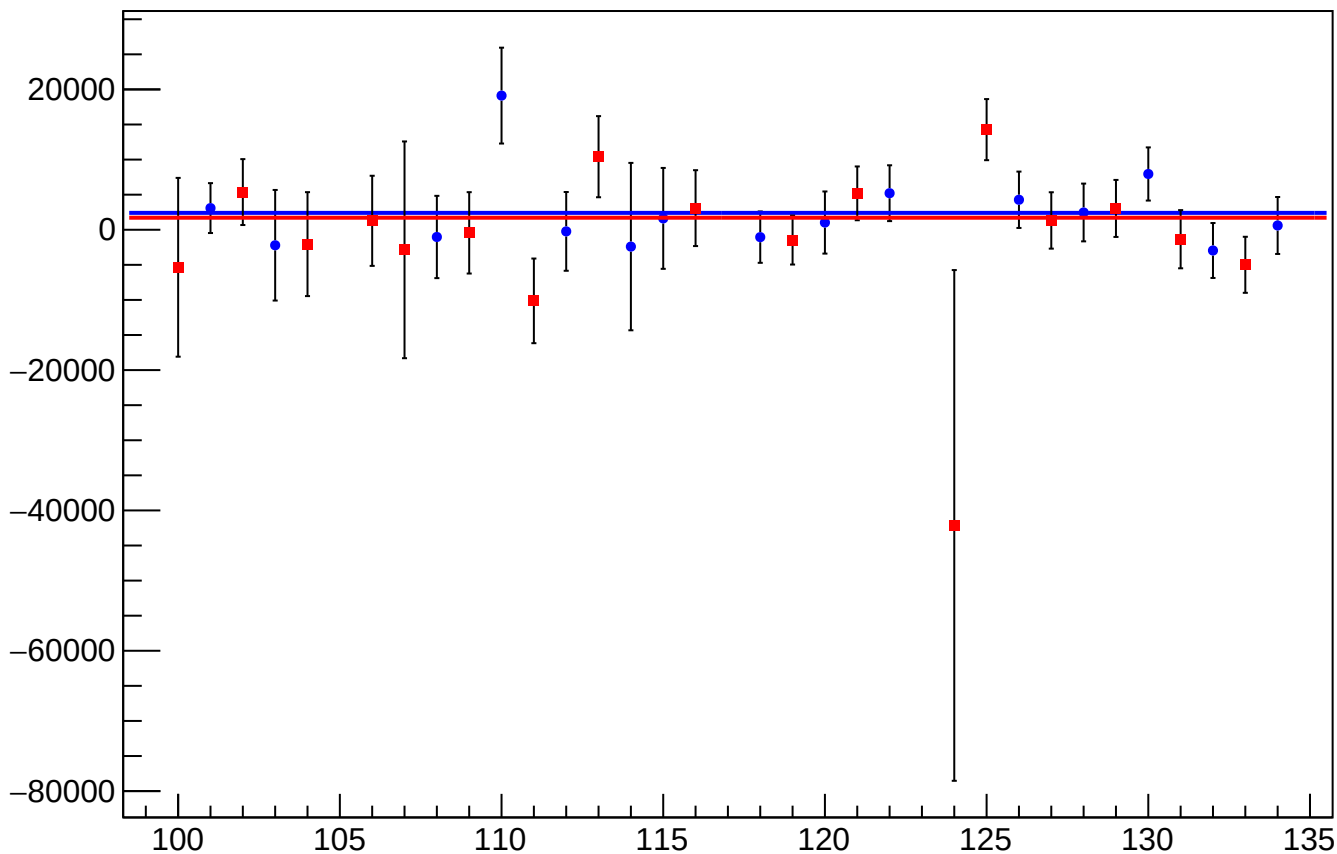
Right: 1124.161+/-0.242 χ^2/NDF : 3911844.8/30

In: 1083.070+/-0.326 χ^2/NDF : 1448686.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.161+/-0.242 χ^2/NDF : 3911844.8/30

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2407.071+/-1187.376 χ^2/NDF : 13.0/14

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

Right Out: 1717.605+/-1224.730 χ^2/NDF : 22.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

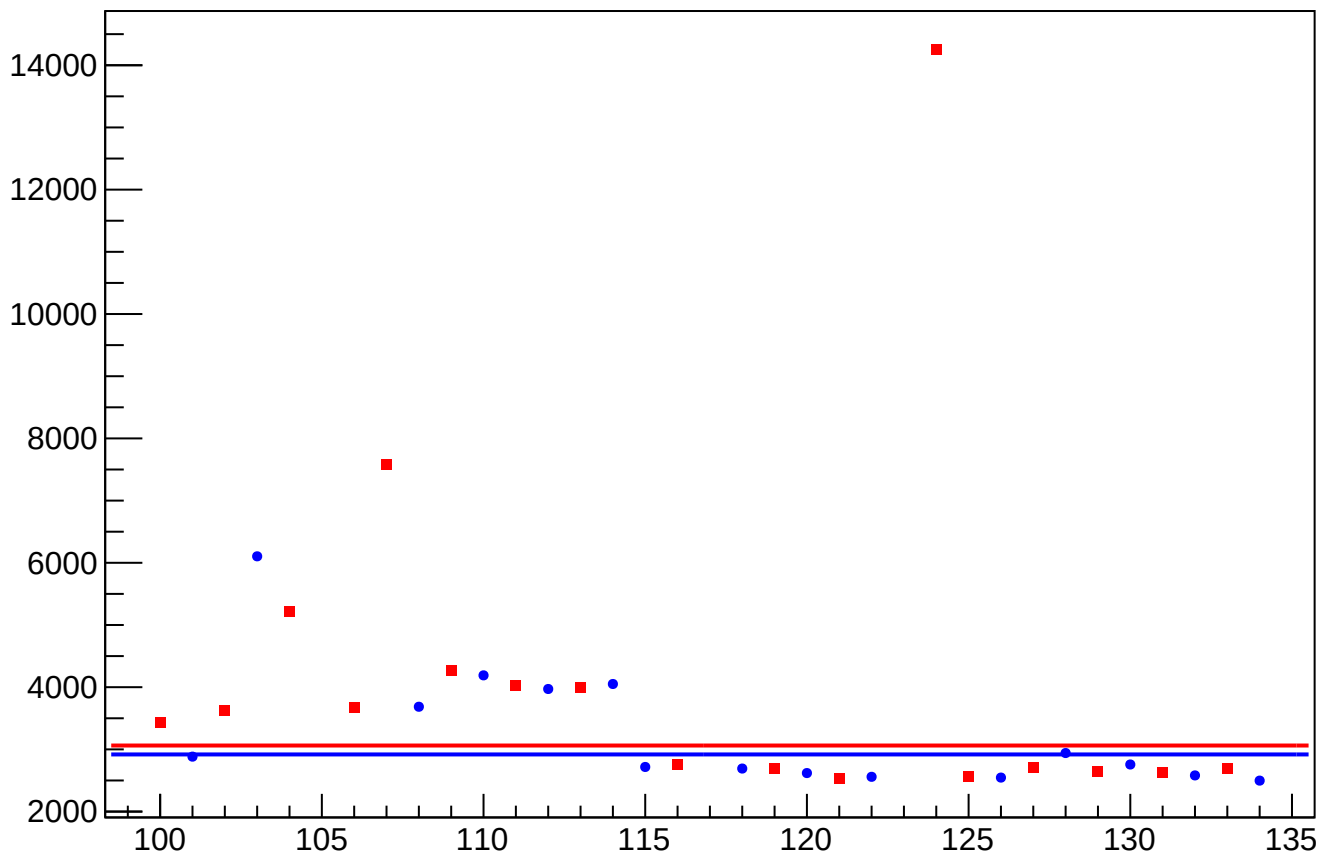
Right: 2073.012+/-852.502 χ^2/NDF : 35.7/31

In: 2407.071+/-1187.376 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.012+/-852.502 χ^2/NDF : 35.7/31

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2918.696+/-0.840 χ^2/NDF : 610814.2/14

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

Right Out: 3062.113+/-0.866 χ^2/NDF : 936411.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

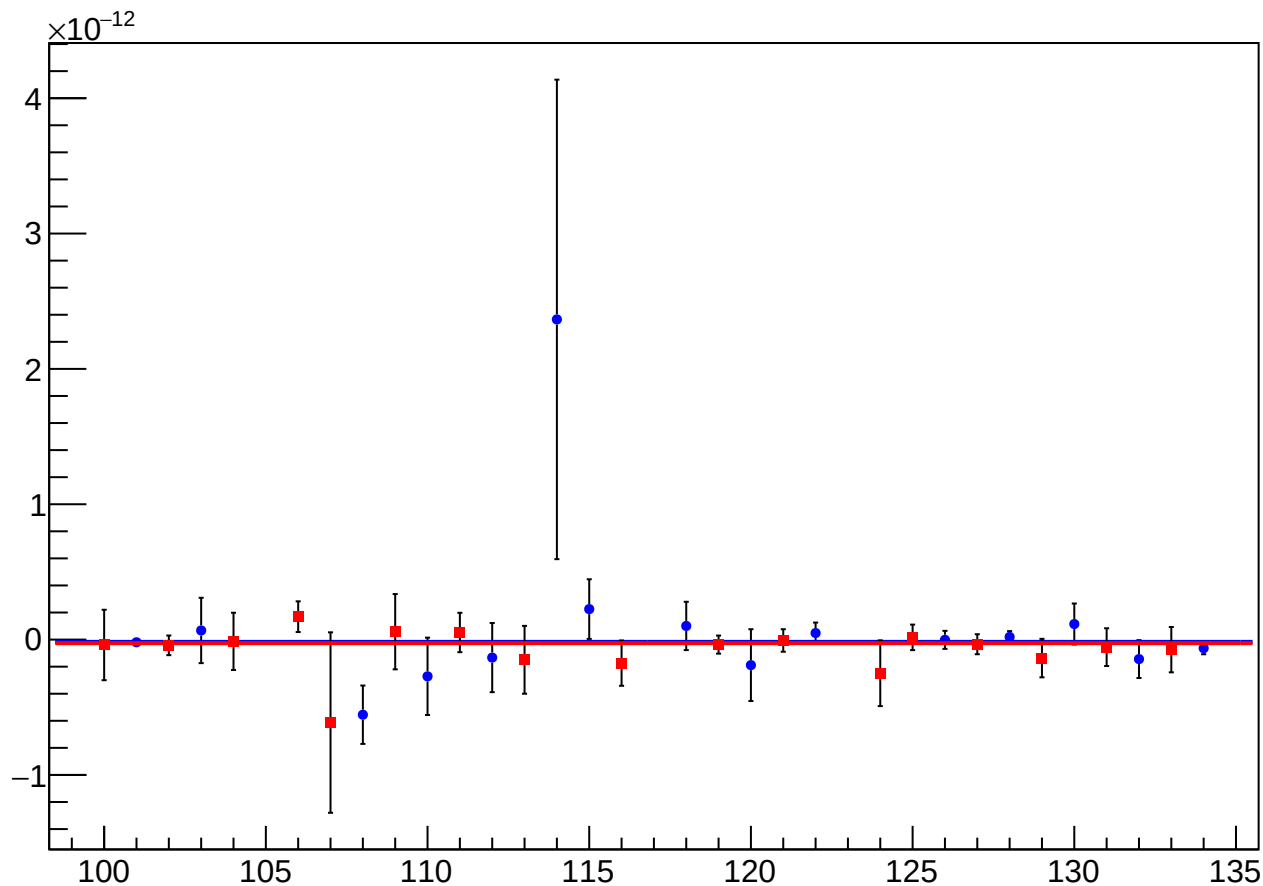
Right: 2988.184+/-0.603 χ^2/NDF : 1561362.8/31

In: 2918.696+/-0.840 χ^2/NDF : 610814.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2988.184+/-0.603 χ^2/NDF : 1561362.8/31

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 7.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

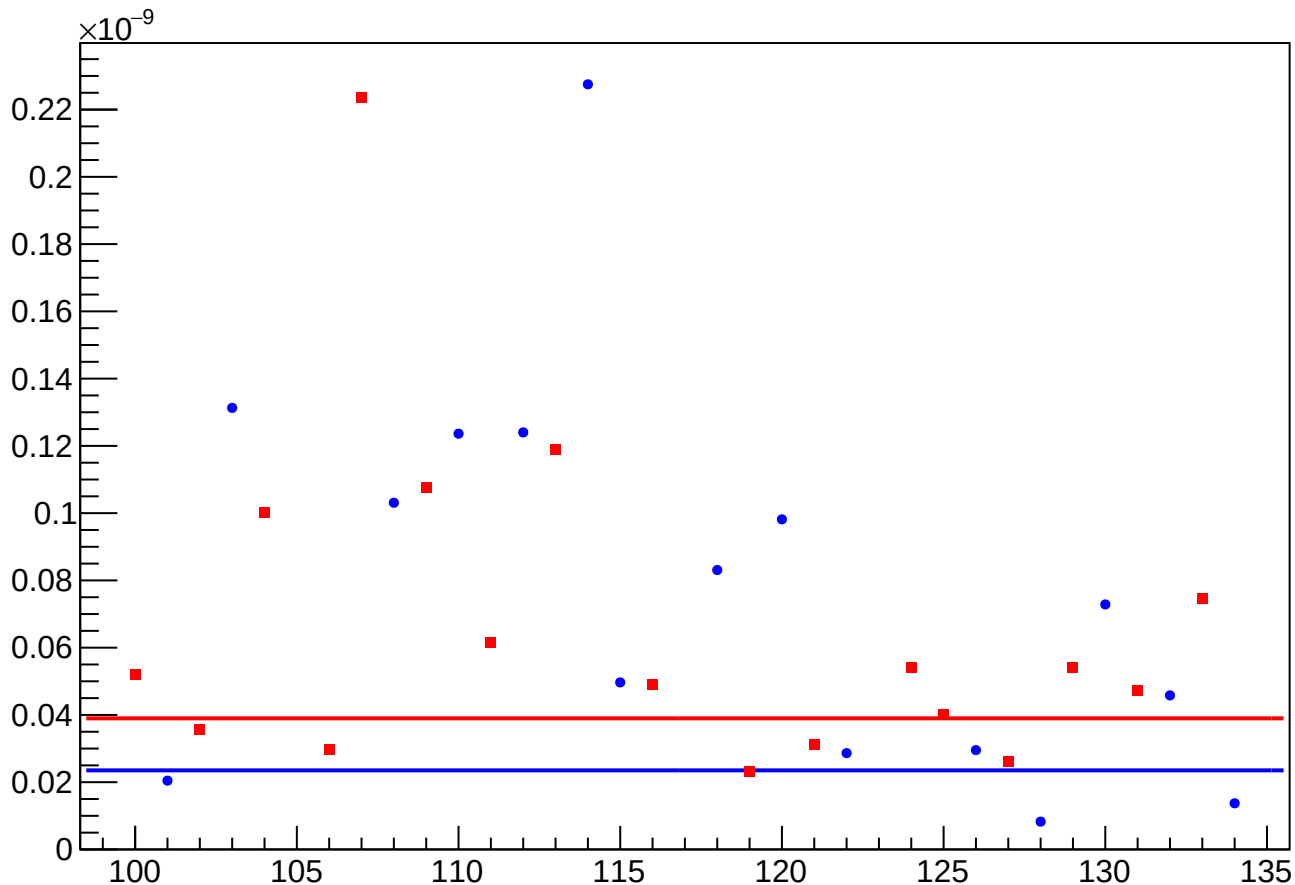
Right: -0.000+/-0.000 χ^2/NDF : 22.5/31

In: -0.000+/-0.000 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/31

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2309708.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1044194.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

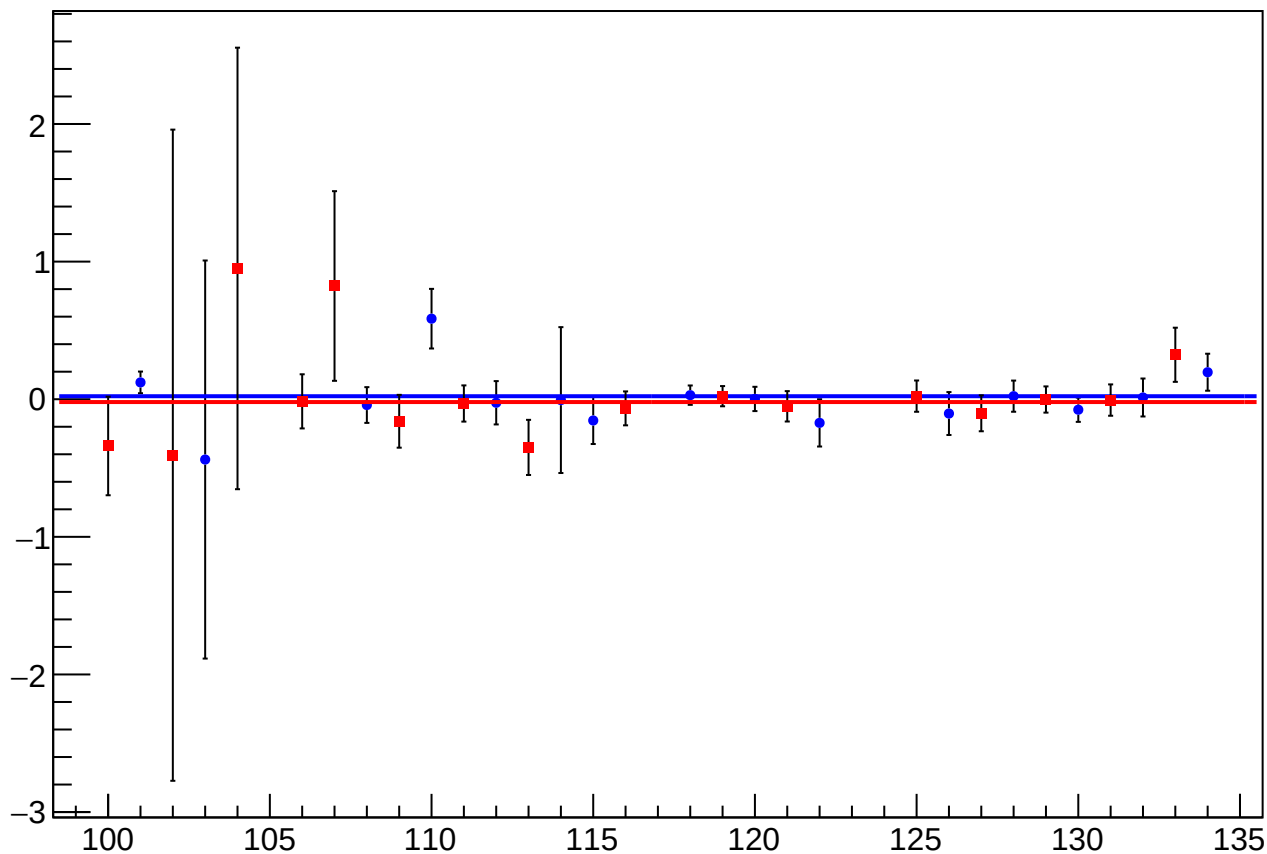
Right: 0.000+/-0.000 χ^2/NDF : 3745013.5/31

In: 0.000+/-0.000 χ^2/NDF : 2309708.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3745013.5/31

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: -0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

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

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

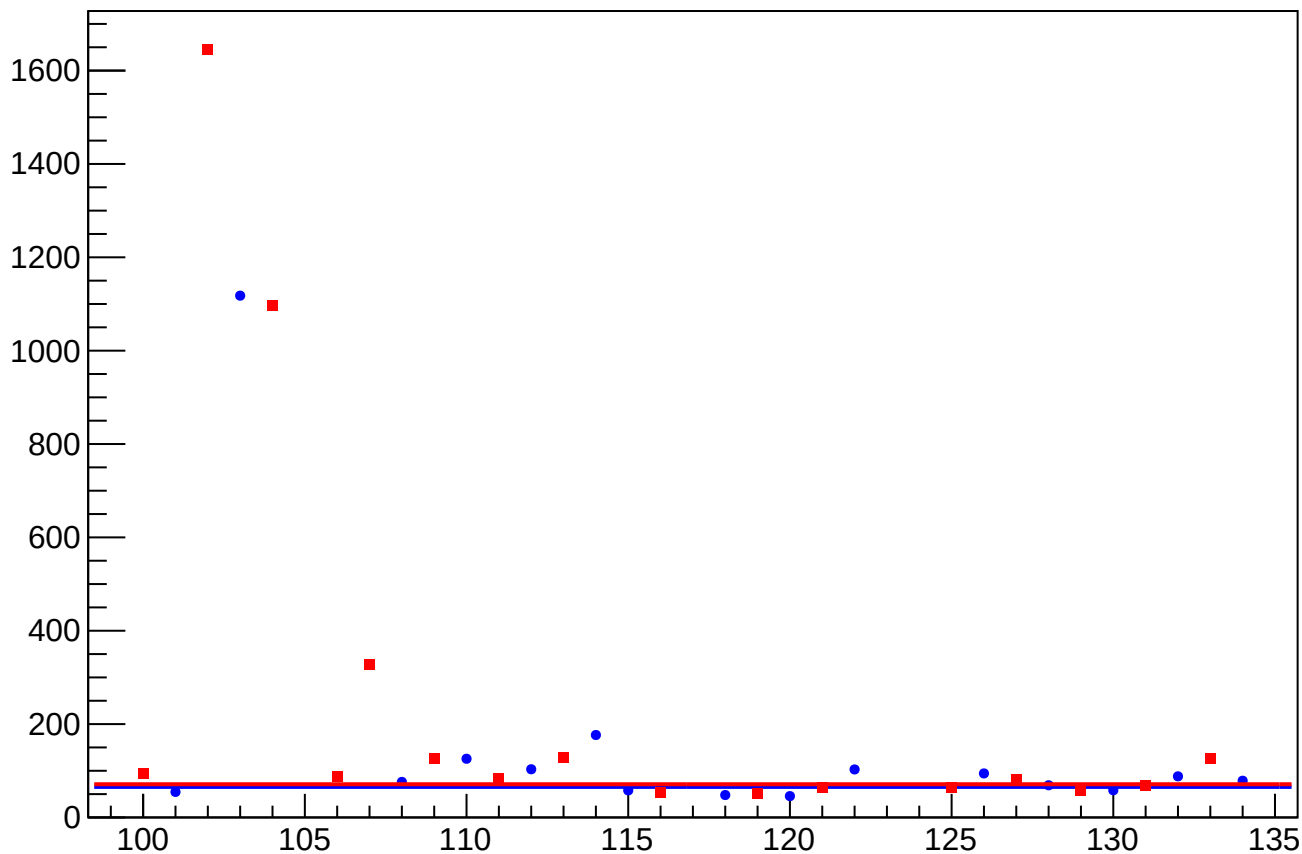
Right: 0.003 $\pm$ 0.023 χ^2 /NDF: 25.7/30

In: 0.022 $\pm$ 0.031 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.023 χ^2 /NDF: 25.7/30

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.487+/-0.022 χ^2/NDF : 1945420.3/14

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

Right Out: 71.153+/-0.025 χ^2/NDF : 2753130.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

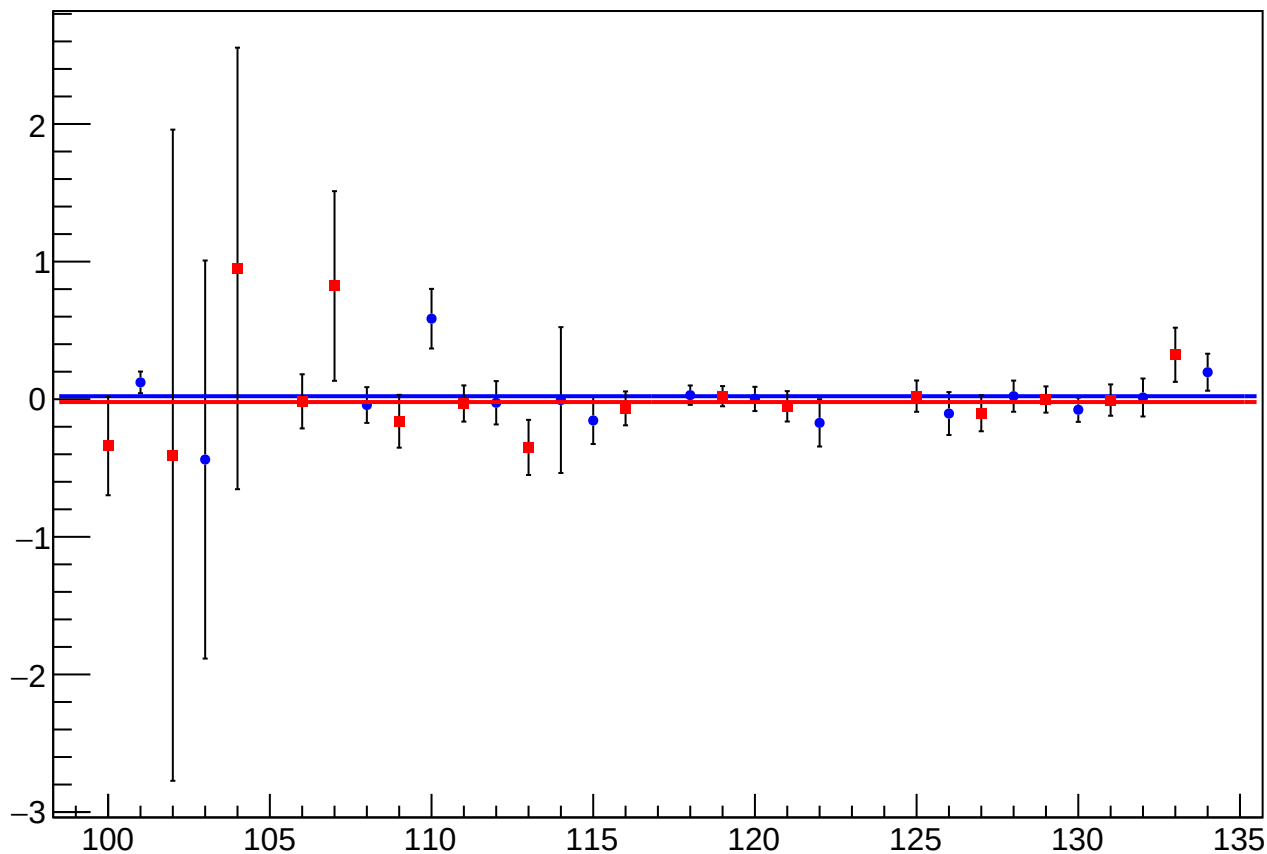
Right: 67.999+/-0.016 χ^2/NDF : 4728168.8/30

In: 65.487+/-0.022 χ^2/NDF : 1945420.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.999+/-0.016 χ^2/NDF : 4728168.8/30

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.031 χ^2/NDF : 14.8/14

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

Right Out: -0.021+/-0.035 χ^2/NDF : 10.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

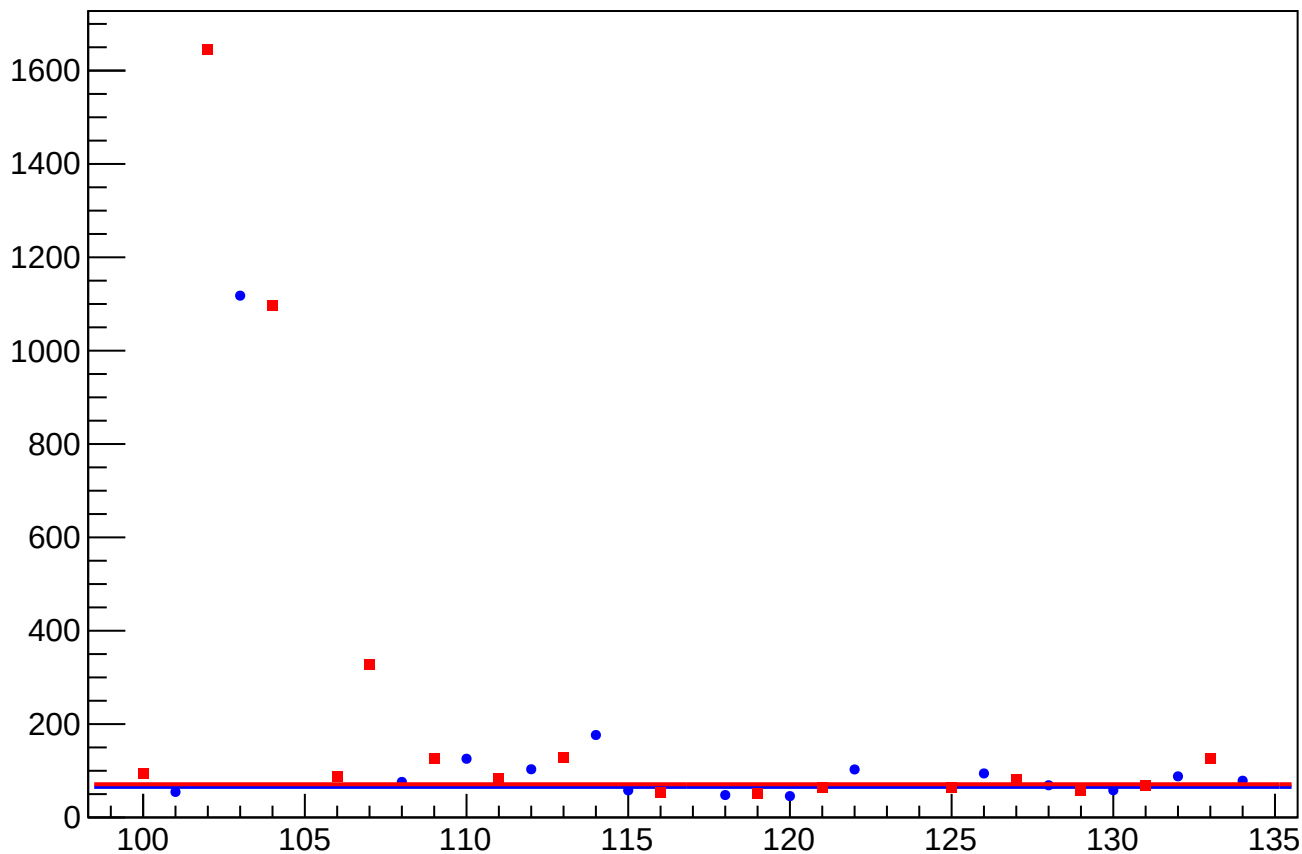
Right: 0.003+/-0.023 χ^2/NDF : 25.7/30

In: 0.022+/-0.031 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.023 χ^2/NDF : 25.7/30

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.487 $\pm$ 0.022 χ^2 /NDF: 1945420.3/14

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

Right Out: 71.153 $\pm$ 0.025 χ^2 /NDF: 2753130.7/15

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

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

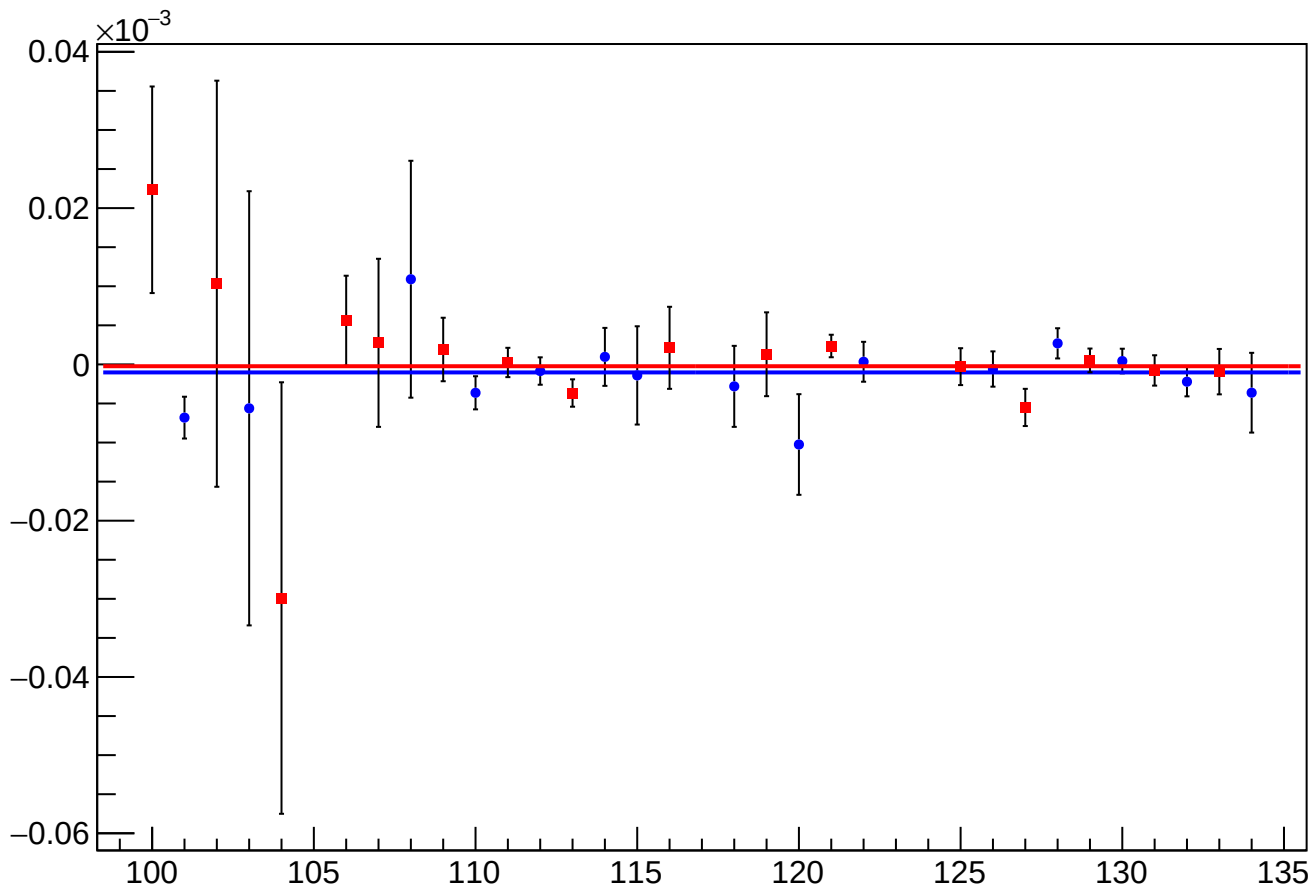
Right: 67.999 $\pm$ 0.016 χ^2 /NDF: 4728168.8/30

In: 65.487 $\pm$ 0.022 χ^2 /NDF: 1945420.3/14

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

All: 67.999 $\pm$ 0.016 χ^2 /NDF: 4728168.8/30

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.9/14

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 18.3/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

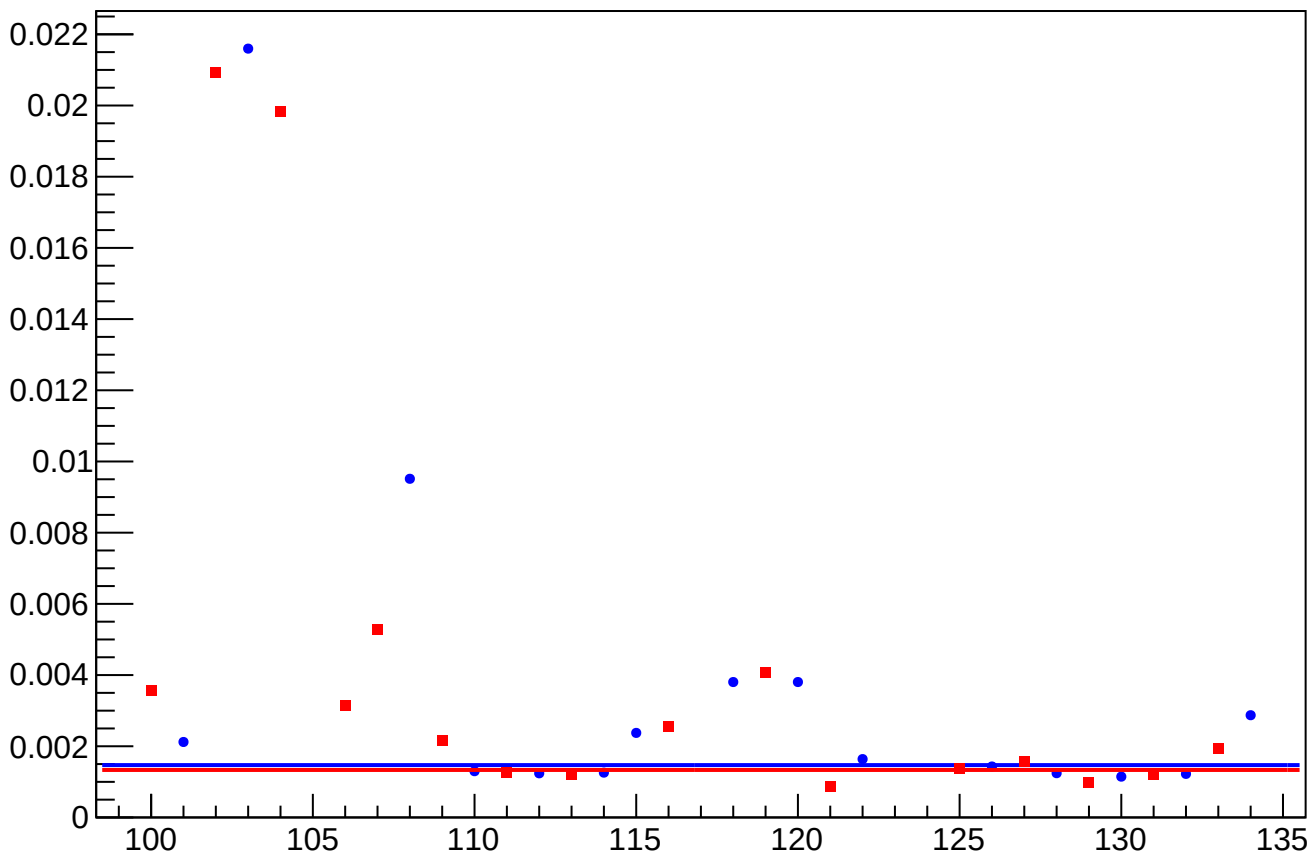
Right: -0.000+/-0.000 χ^2 /NDF: 33.9/30

In: -0.000+/-0.000 χ^2 /NDF:14.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.9/30

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 2801146.4/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 3704175.8/15

Left 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 : 6548361.5/30

In: 0.001+/-0.000

χ^2/NDF : 2801146.4/14

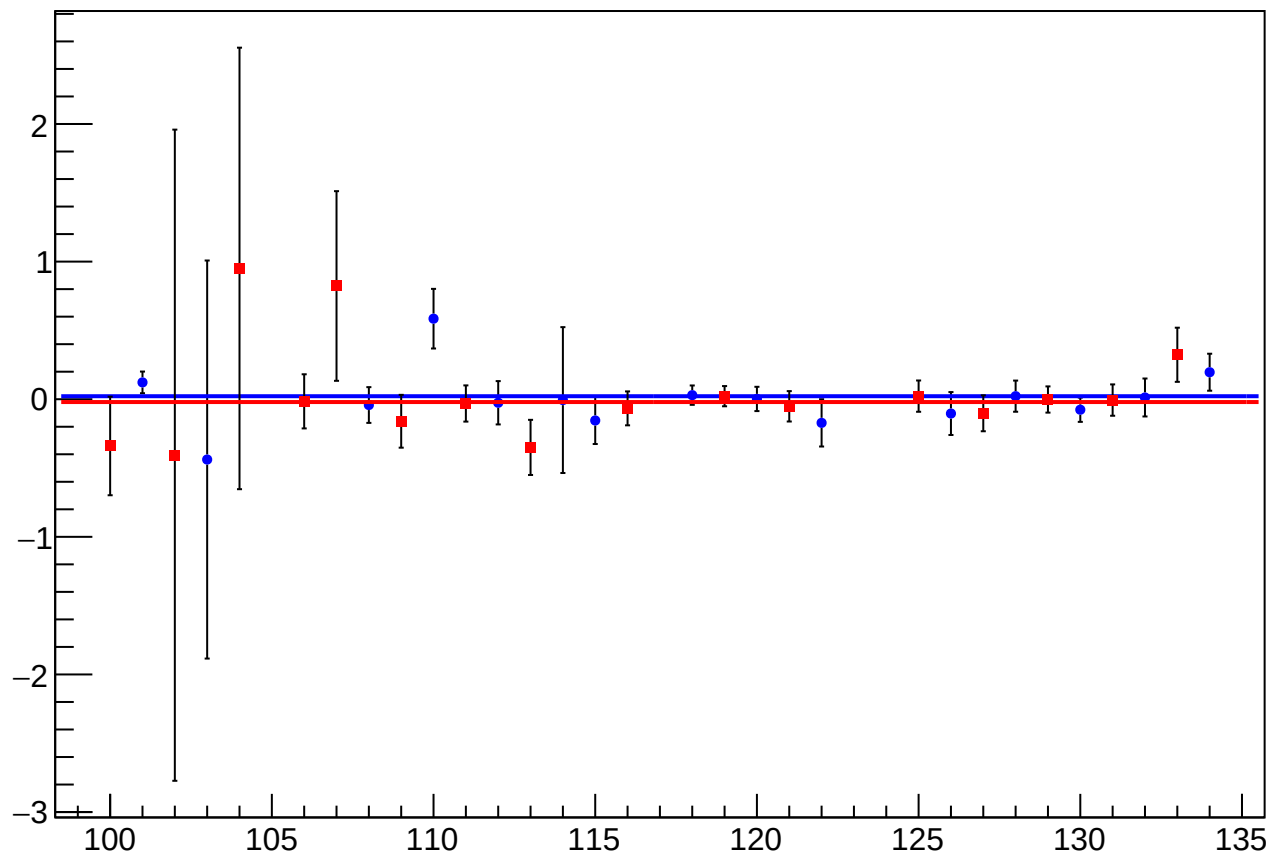
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6548361.5/30

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: -0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

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

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

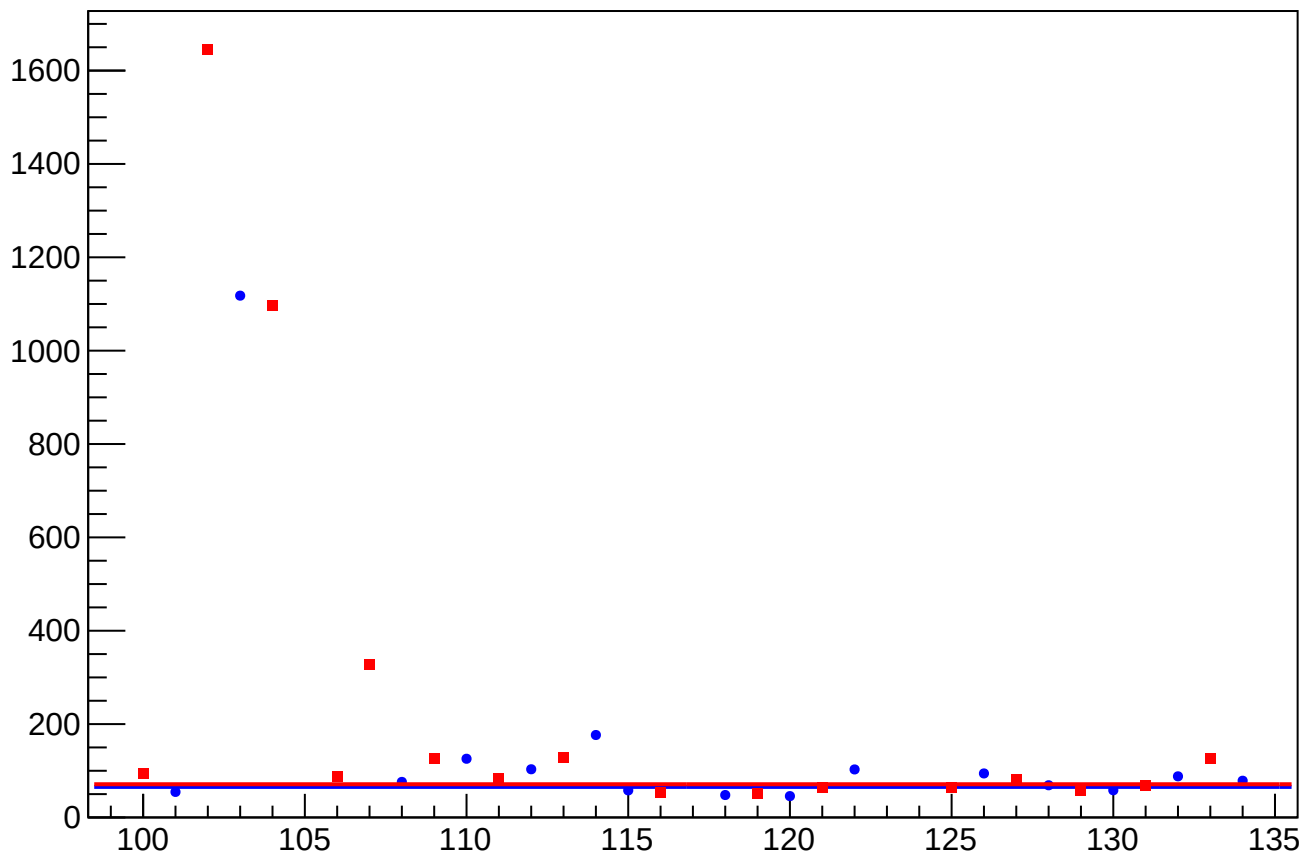
Right: 0.003 $\pm$ 0.023 χ^2 /NDF: 25.7/30

In: 0.022 $\pm$ 0.031 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.023 χ^2 /NDF: 25.7/30

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.486+/-0.022 χ^2/NDF : 1945491.9/14

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

Right Out: 71.153+/-0.025 χ^2/NDF : 2753144.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

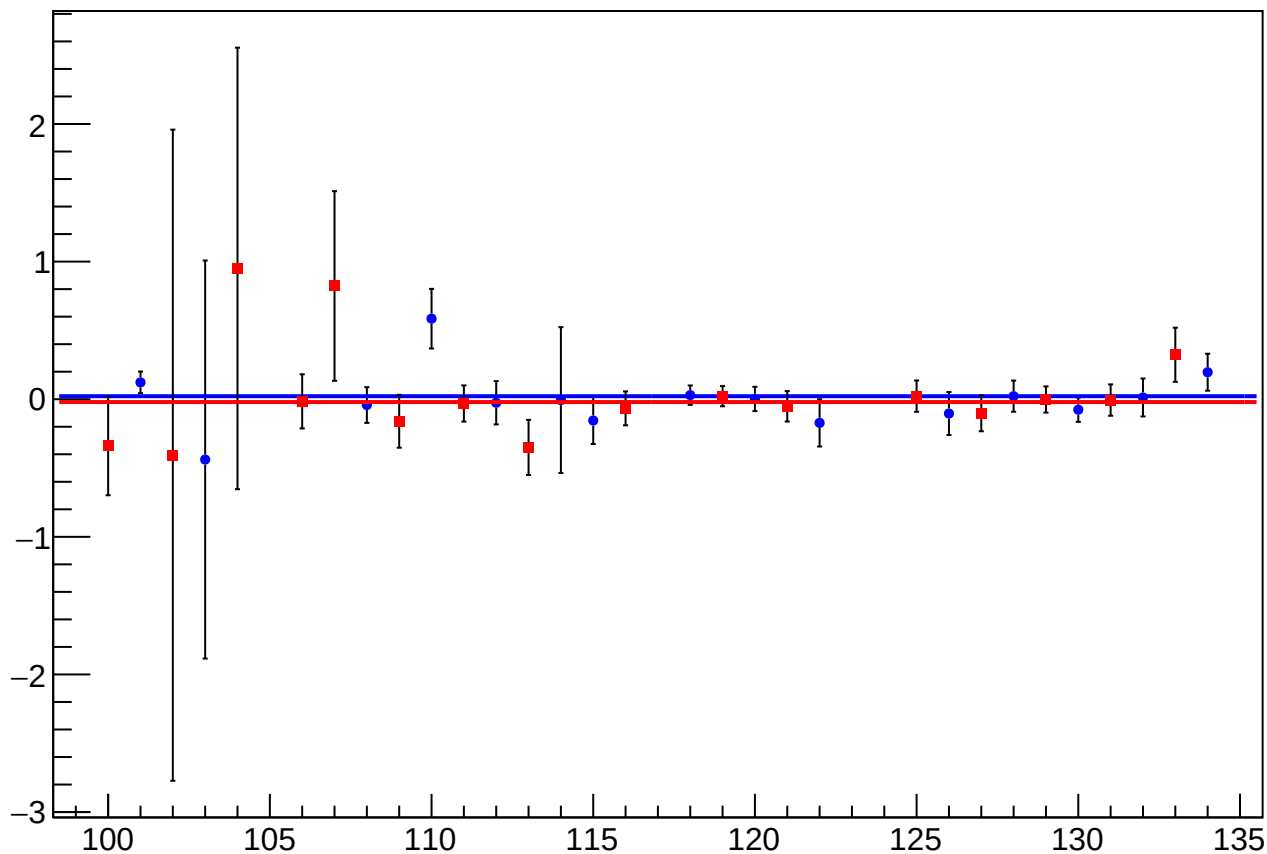
Right: 67.998+/-0.016 χ^2/NDF : 4728259.3/30

In: 65.486+/-0.022 χ^2/NDF : 1945491.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.998+/-0.016 χ^2/NDF : 4728259.3/30

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: -0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

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

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

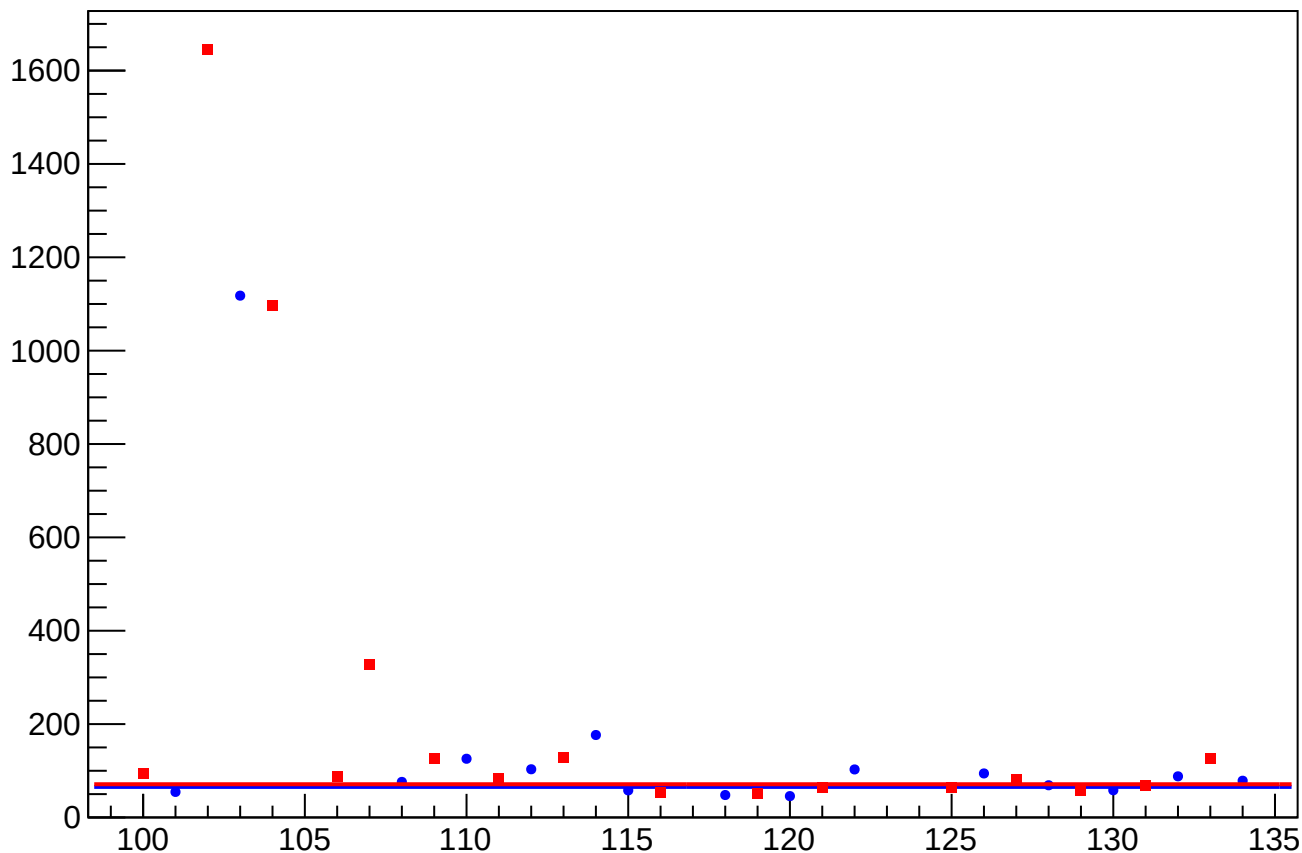
Right: 0.003 $\pm$ 0.023 χ^2 /NDF: 25.7/30

In: 0.022 $\pm$ 0.031 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.023 χ^2 /NDF: 25.7/30

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.486+/-0.022 χ^2/NDF : 1945491.9/14

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

Right Out: 71.153+/-0.025 χ^2/NDF : 2753144.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

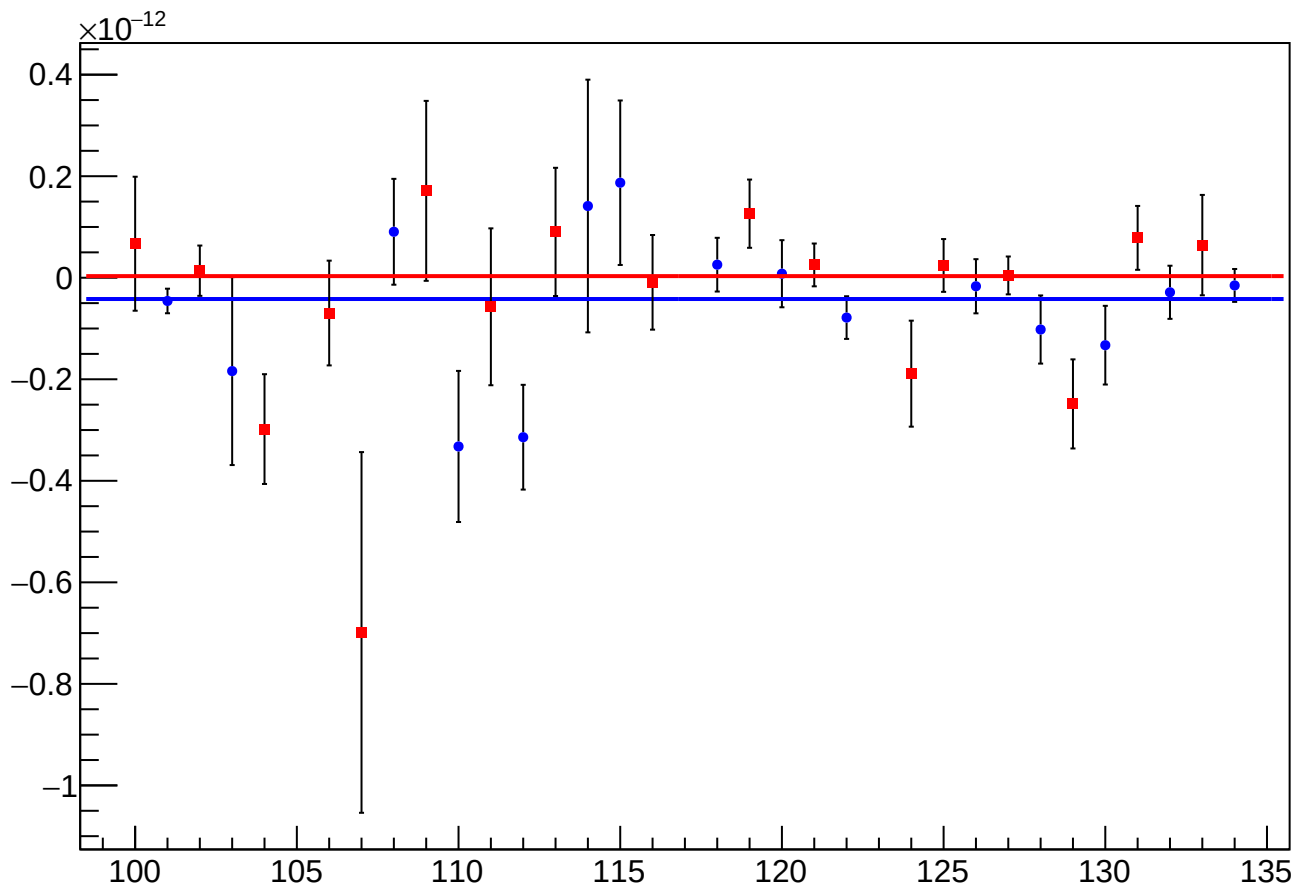
Right: 67.998+/-0.016 χ^2/NDF : 4728259.3/30

In: 65.486+/-0.022 χ^2/NDF : 1945491.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.998+/-0.016 χ^2/NDF : 4728259.3/30

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 31.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

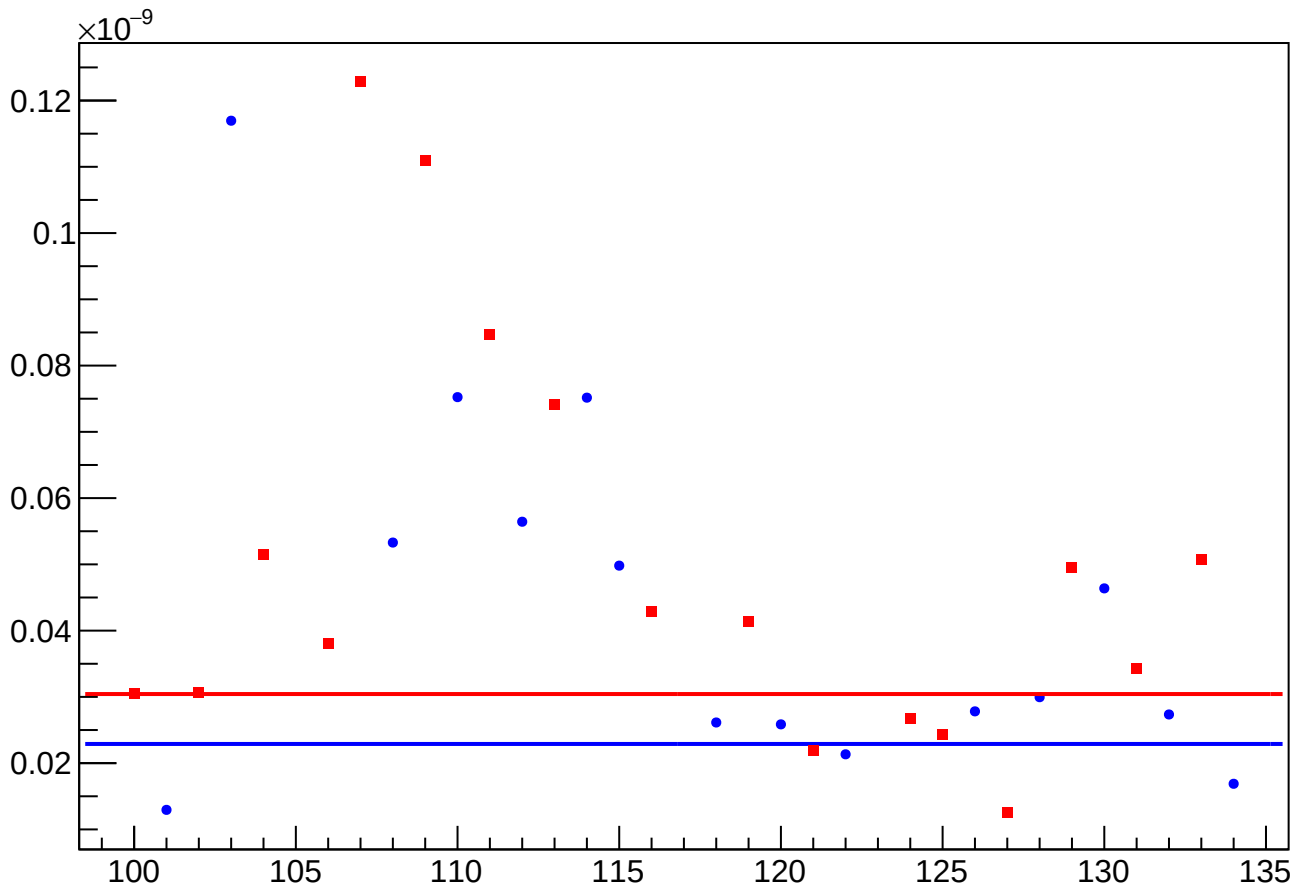
Right: -0.000+/-0.000 χ^2/NDF : 57.0/31

In: -0.000+/-0.000 χ^2/NDF : 21.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 57.0/31

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 1946362.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1967754.9/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 4146091.0/31

In: 0.000+/-0.000

χ^2/NDF : 1946362.7/14

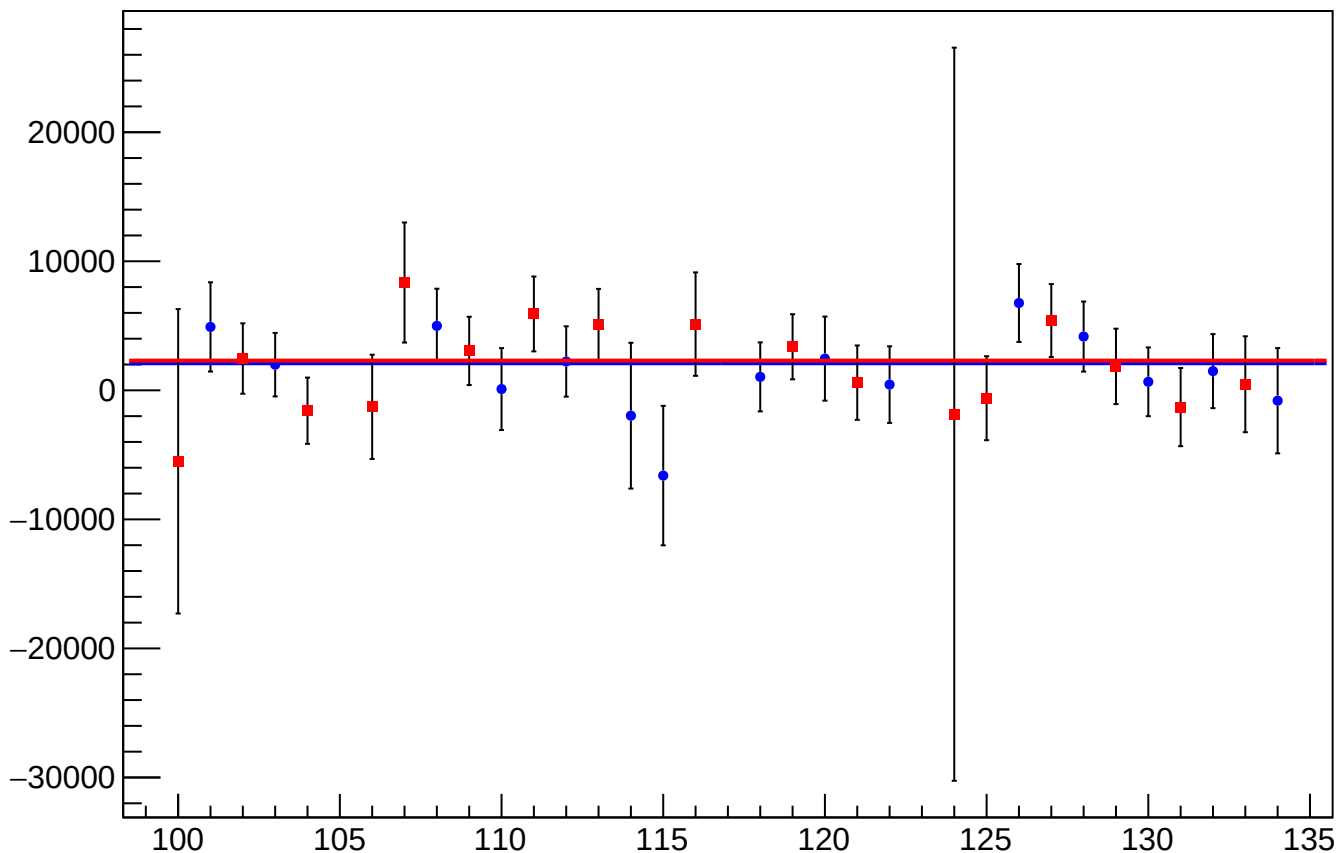
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 4146091.0/31

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2099.178+/-794.533 χ^2/NDF : 9.5/14

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

Right Out: 2302.332+/-778.342 χ^2/NDF : 12.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

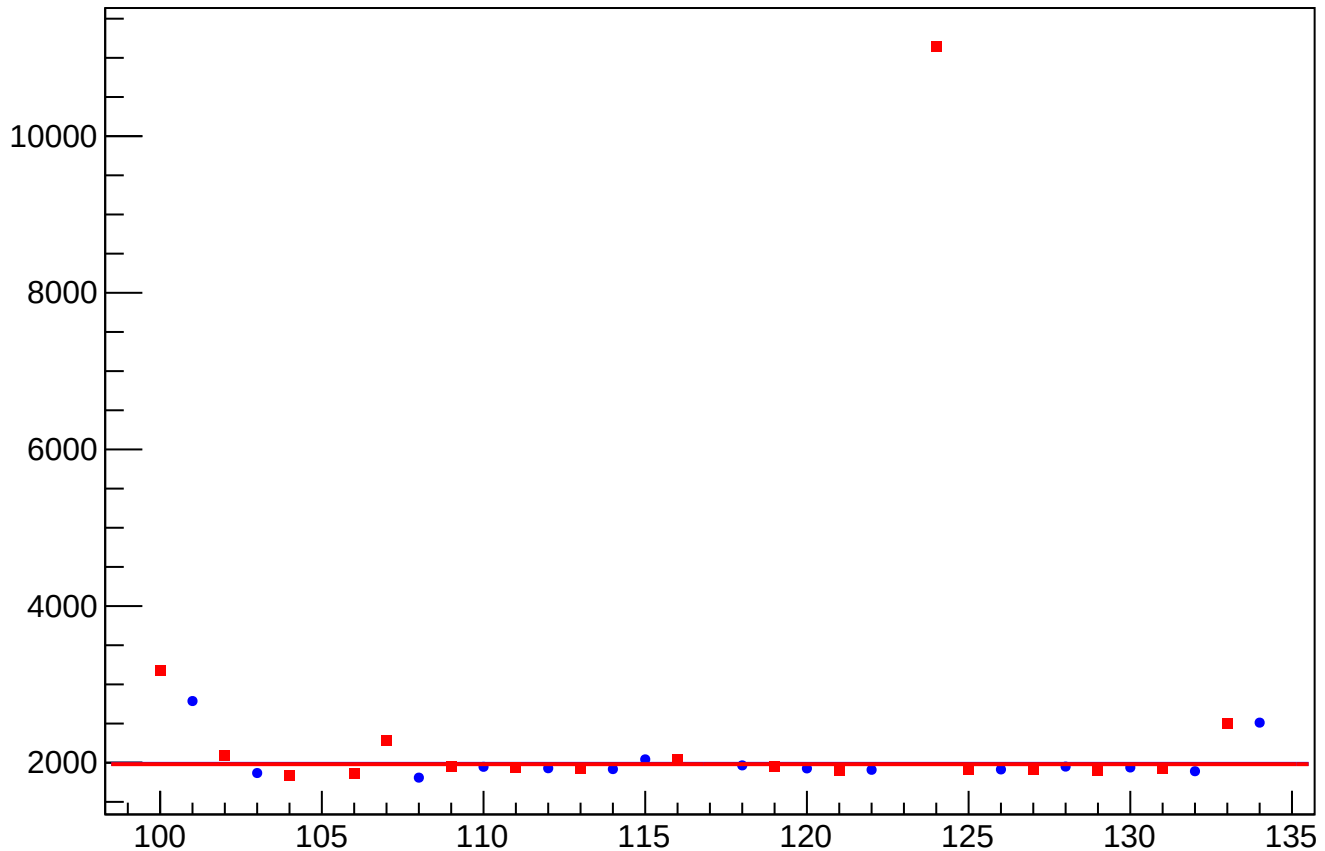
Right: 2202.846+/-556.007 χ^2/NDF : 22.1/31

In: 2099.178+/-794.533 χ^2/NDF : 9.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.846+/-556.007 χ^2/NDF : 22.1/31

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1985.139+/-0.562 χ^2/NDF : 160797.6/14

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

Right Out: 1981.508+/-0.550 χ^2/NDF : 296038.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

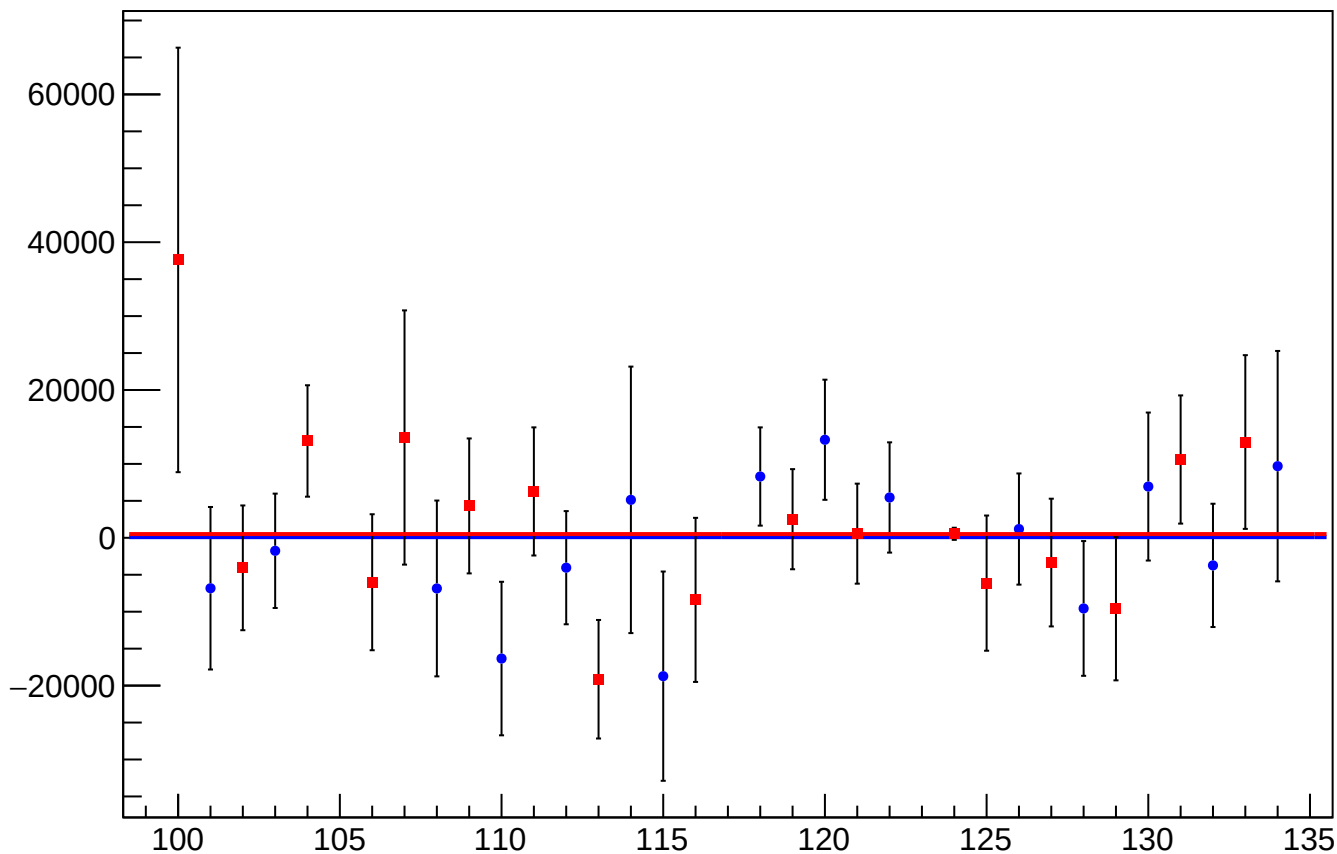
Right: 1983.286+/-0.393 χ^2/NDF : 456857.6/31

In: 1985.139+/-0.562 χ^2/NDF : 160797.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.286+/-0.393 χ^2/NDF : 456857.6/31

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: 86.227+/-2354.958 χ^2/NDF : 12.3/14

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

Right Out: 505.602+/-770.501 χ^2/NDF : 17.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

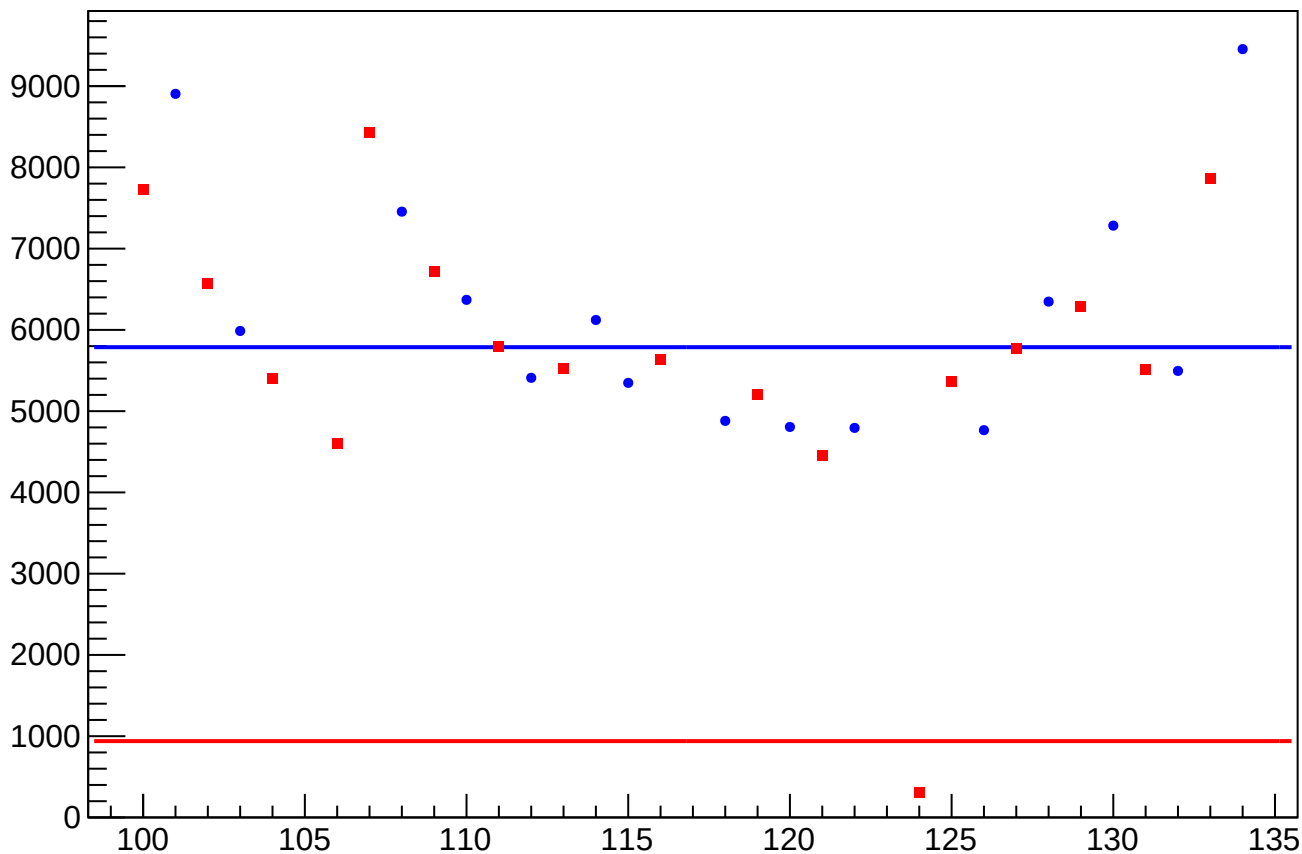
Right: 465.050+/-732.301 χ^2/NDF : 29.8/31

In: 86.227+/-2354.958 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.050+/-732.301 χ^2/NDF : 29.8/31

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5787.285+/-1.665 χ^2/NDF : 519224.4/14

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

Right Out: 939.587+/-0.545 χ^2/NDF : 10294096.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

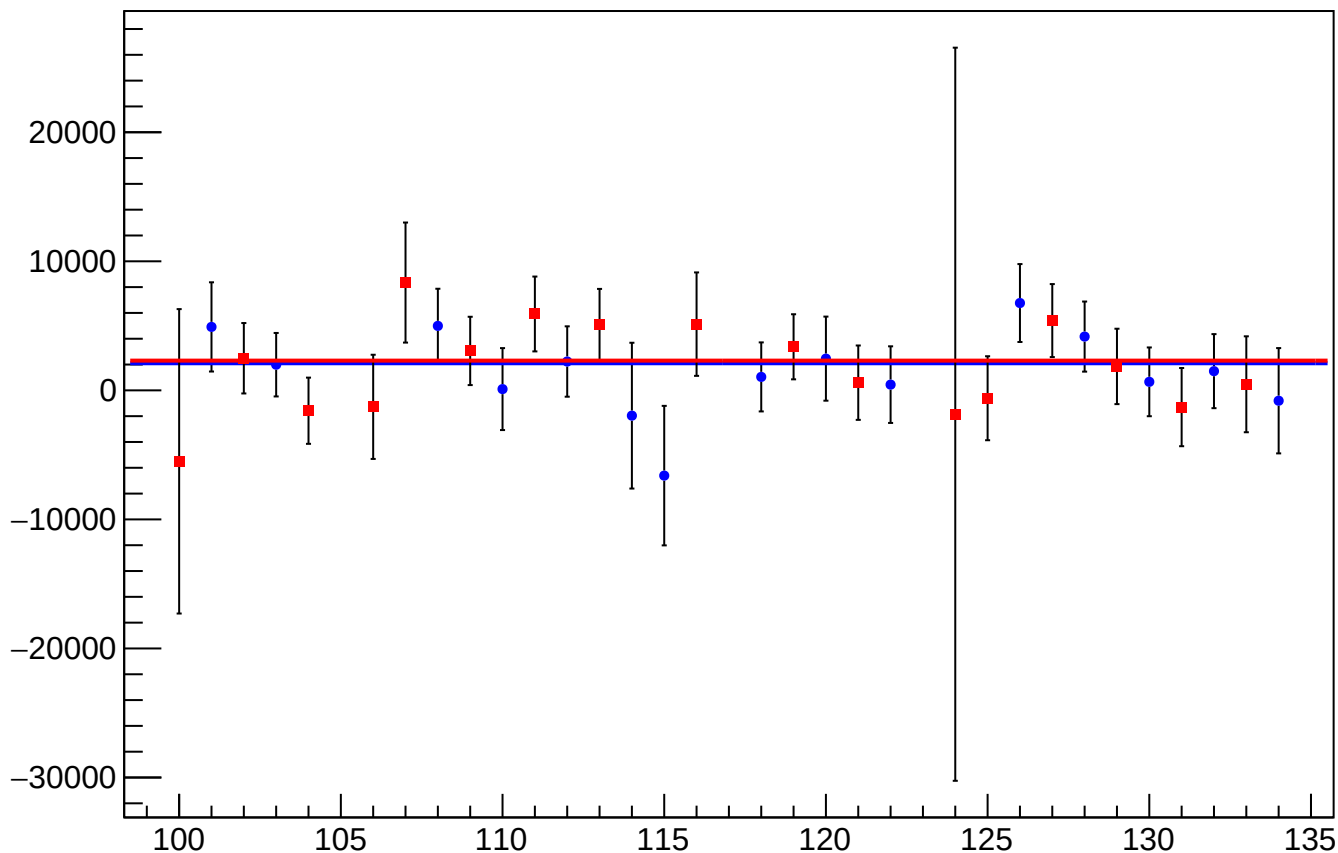
Right: 1408.345+/-0.518 χ^2/NDF : 18468727.5/31

In: 5787.285+/-1.665 χ^2/NDF : 519224.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.345+/-0.518 χ^2/NDF : 18468727.5/31

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2099.360+/-794.533 χ^2/NDF : 9.5/14

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

Right Out: 2304.183+/-778.350 χ^2/NDF : 12.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

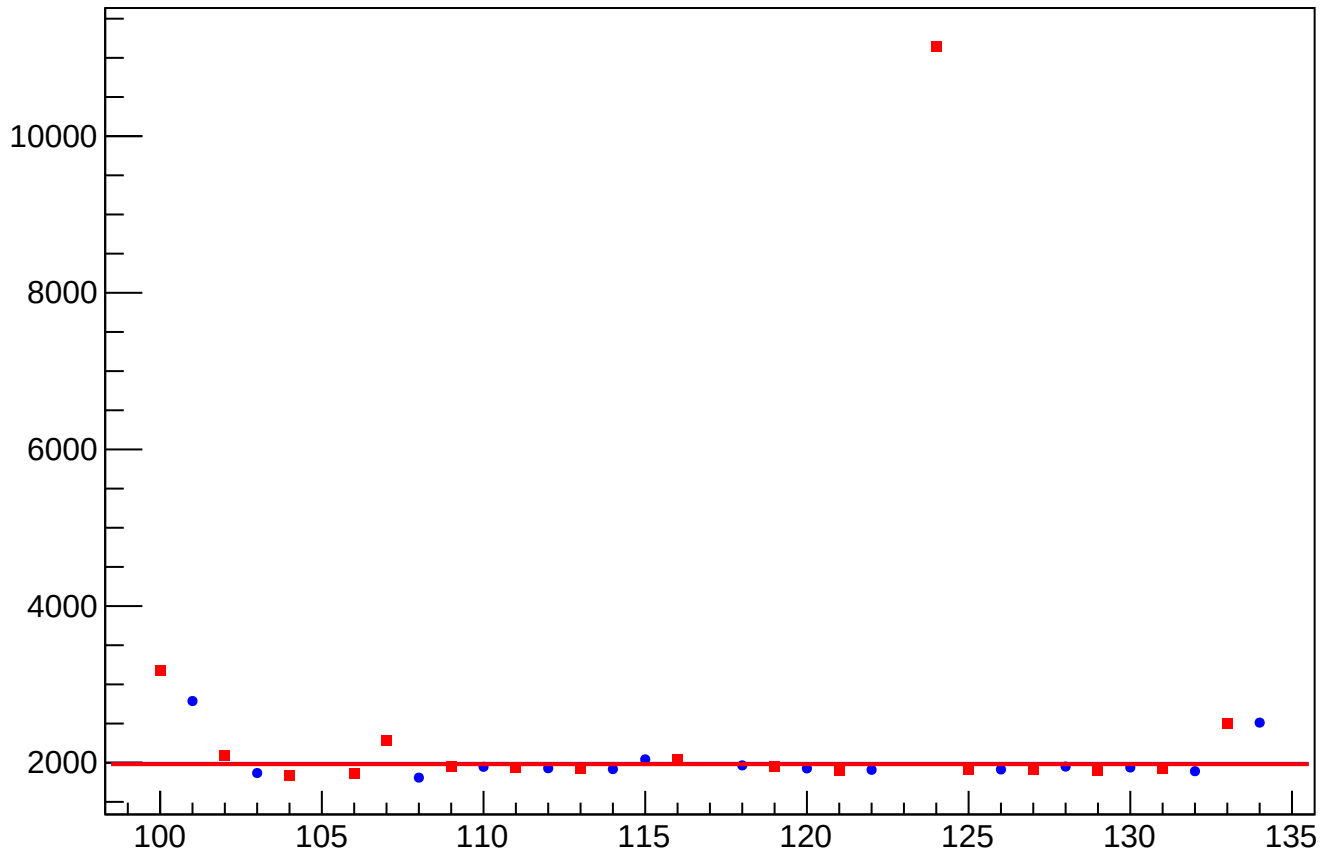
Right: 2203.879+/-556.010 χ^2/NDF : 22.1/31

In: 2099.360+/-794.533 χ^2/NDF : 9.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.879+/-556.010 χ^2/NDF : 22.1/31

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1985.139+/-0.562 χ^2/NDF : 160797.4/14

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

Right Out: 1981.530+/-0.550 χ^2/NDF : 296056.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

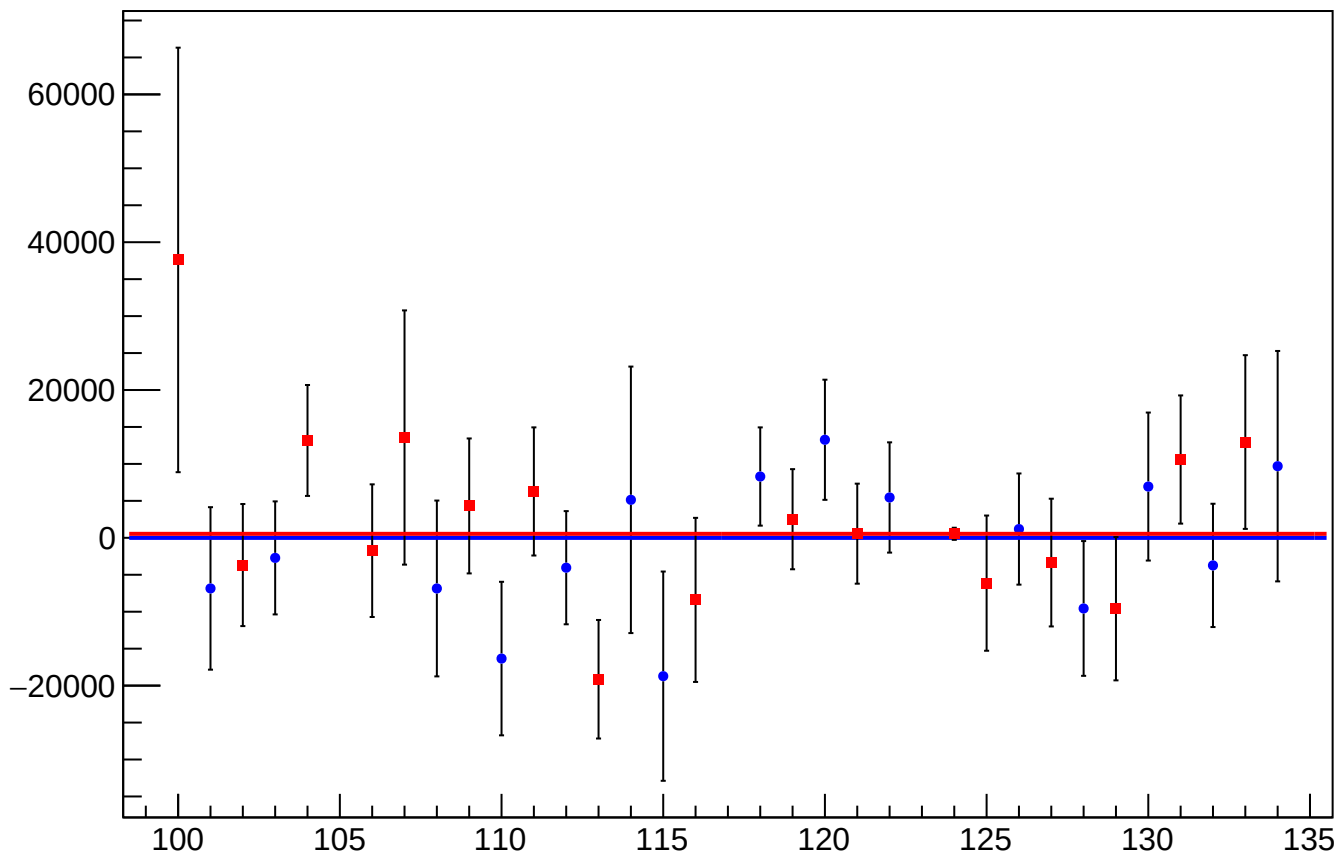
Right: 1983.298+/-0.393 χ^2/NDF : 456874.7/31

In: 1985.139+/-0.562 χ^2/NDF : 160797.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.298+/-0.393 χ^2/NDF : 456874.7/31

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -9.374+/-2352.363 χ^2/NDF : 12.4/14

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

Right Out: 539.092+/-770.158 χ^2/NDF : 17.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

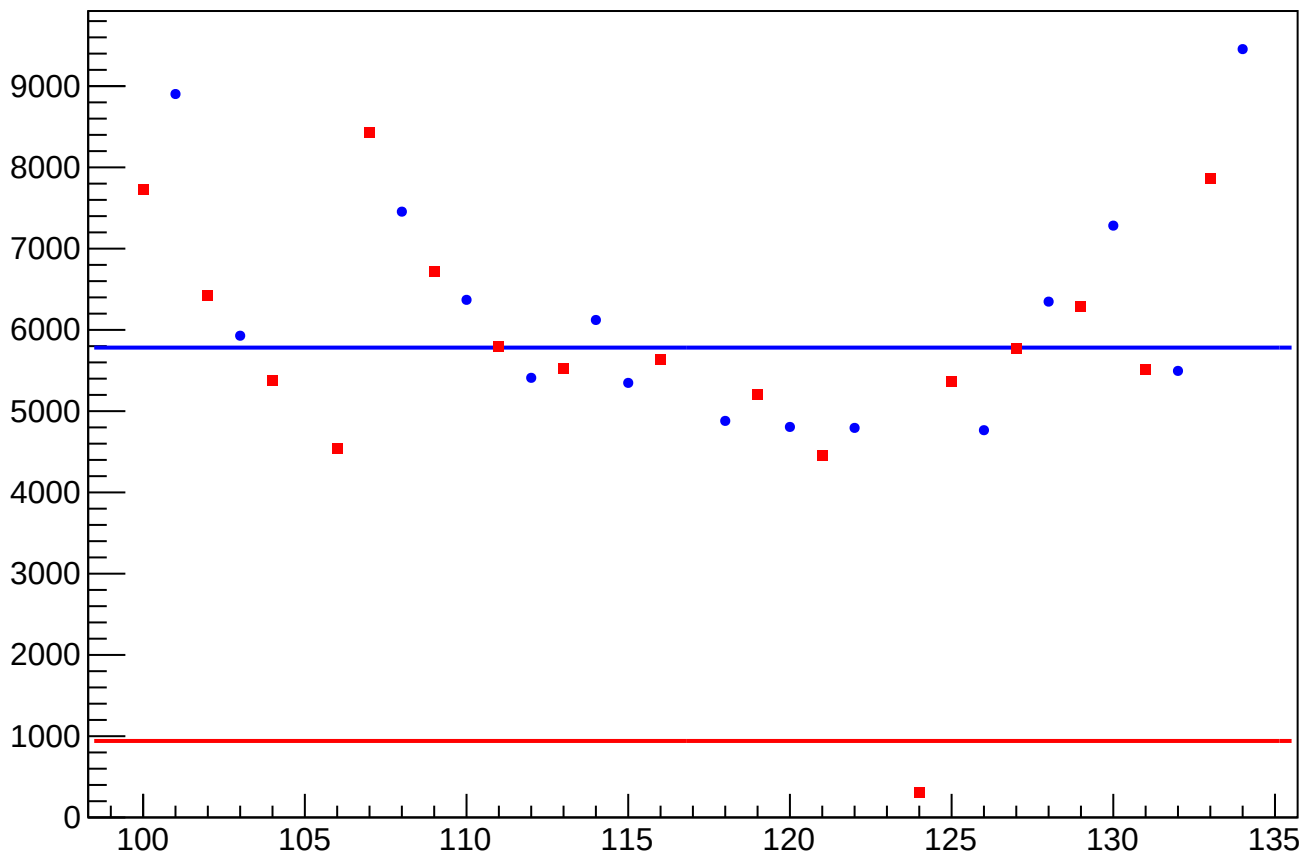
Right: 485.994+/-731.929 χ^2/NDF : 29.5/31

In: -9.374+/-2352.363 χ^2/NDF :12.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 485.994+/-731.929 χ^2/NDF : 29.5/31

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5782.153+/-1.663 χ^2/NDF : 518432.1/14

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

Right Out: 941.364+/-0.545 χ^2/NDF : 10290767.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

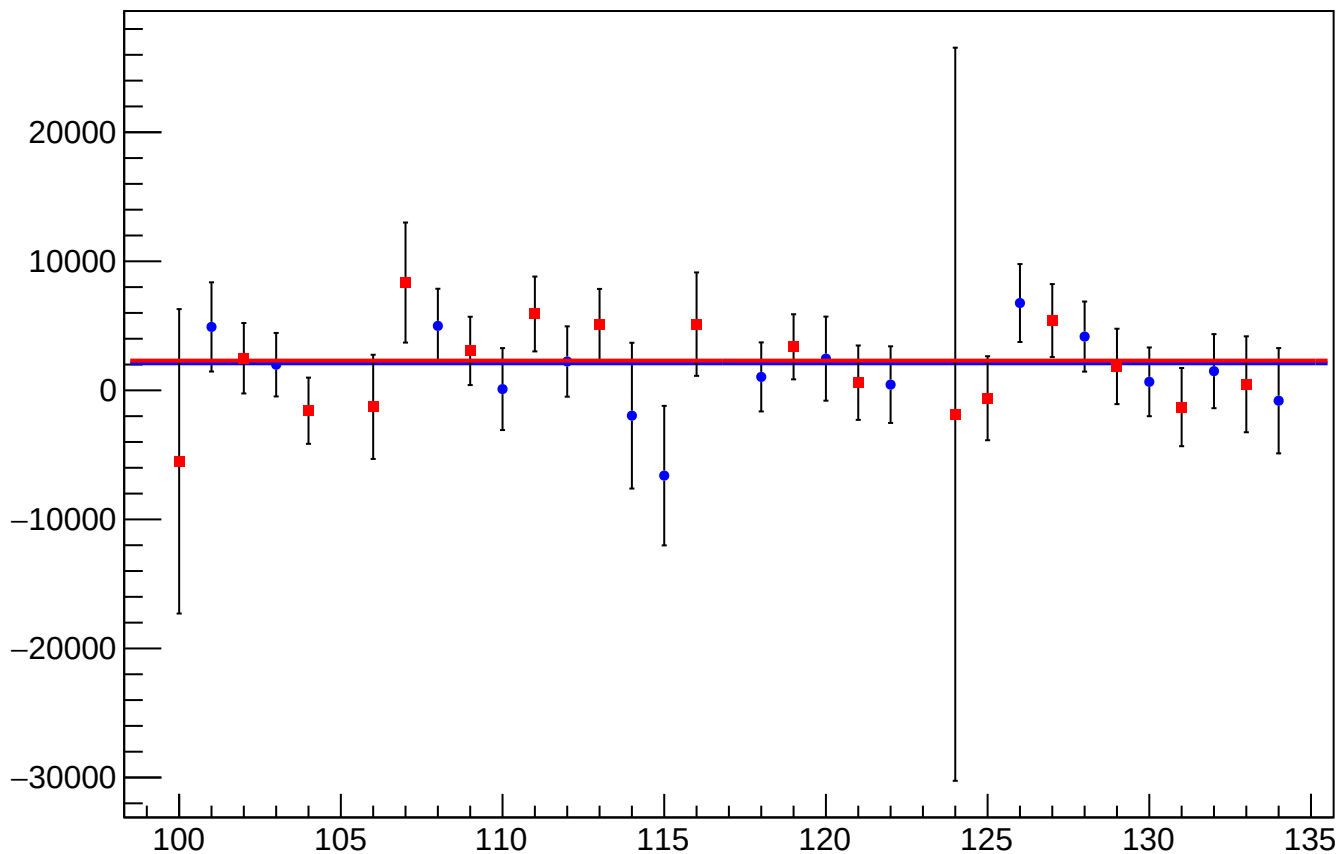
Right: 1410.011+/-0.518 χ^2/NDF : 18458678.8/31

In: 5782.153+/-1.663 χ^2/NDF : 518432.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.011+/-0.518 χ^2/NDF : 18458678.8/31

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2099.360+/-794.533 χ^2/NDF : 9.5/14

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

Right Out: 2304.183+/-778.350 χ^2/NDF : 12.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

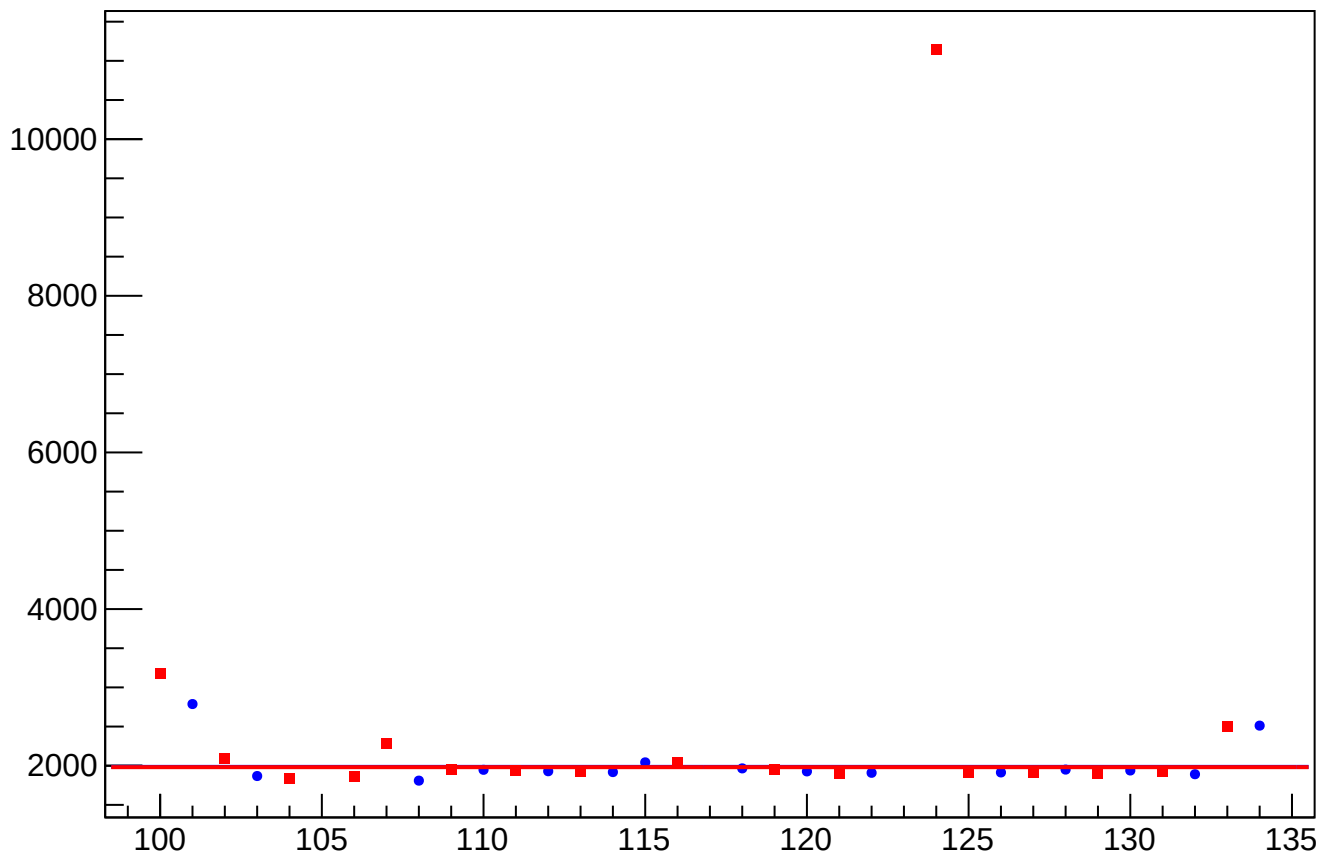
Right: 2203.879+/-556.010 χ^2/NDF : 22.1/31

In: 2099.360+/-794.533 χ^2/NDF : 9.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.879+/-556.010 χ^2/NDF : 22.1/31

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1985.139+/-0.562 χ^2/NDF : 160797.4/14

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

Right Out: 1981.530+/-0.550 χ^2/NDF : 296056.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

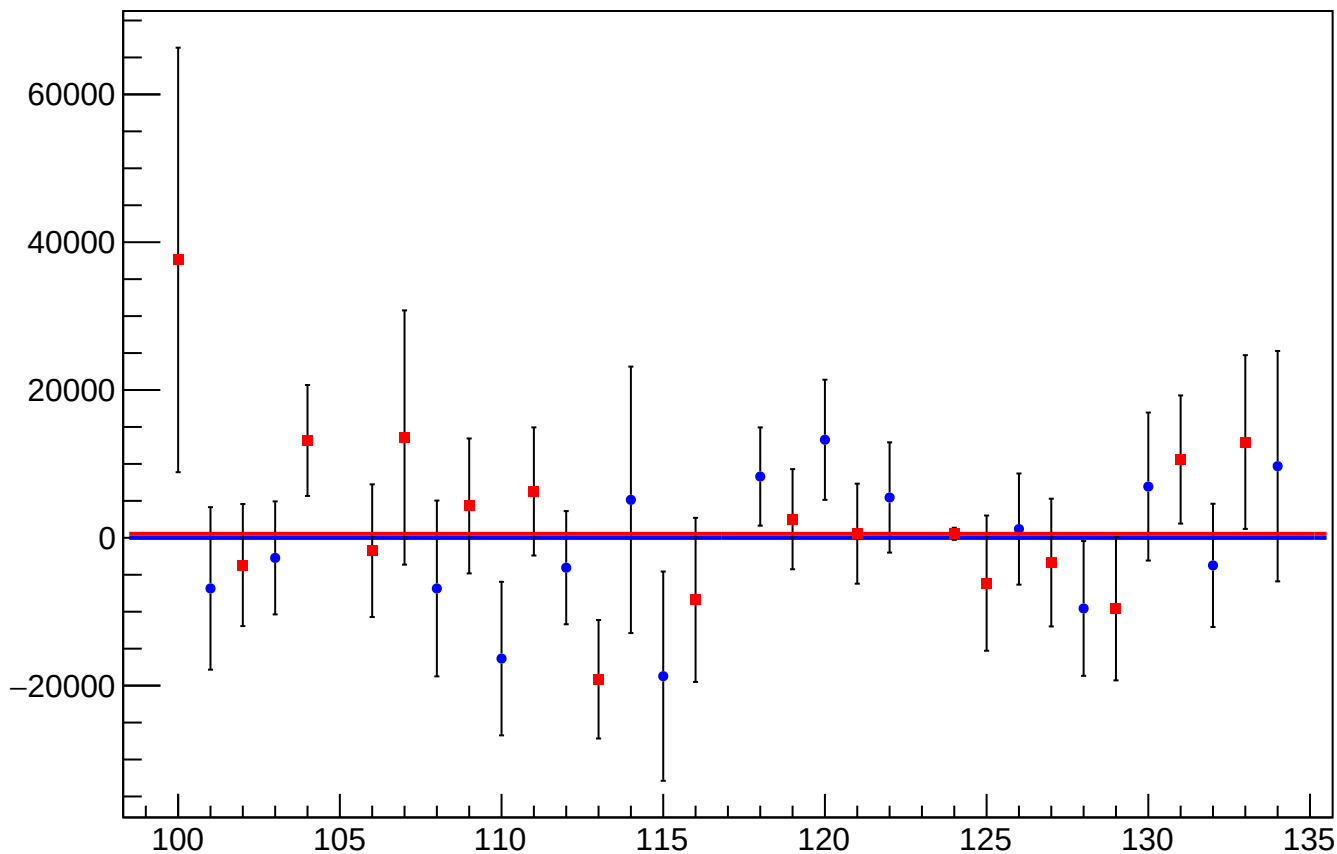
Right: 1983.298+/-0.393 χ^2/NDF : 456874.7/31

In: 1985.139+/-0.562 χ^2/NDF : 160797.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.298+/-0.393 χ^2/NDF : 456874.7/31

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -9.374+/-2352.363 χ^2/NDF : 12.4/14

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

Right Out: 539.092+/-770.158 χ^2/NDF : 17.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

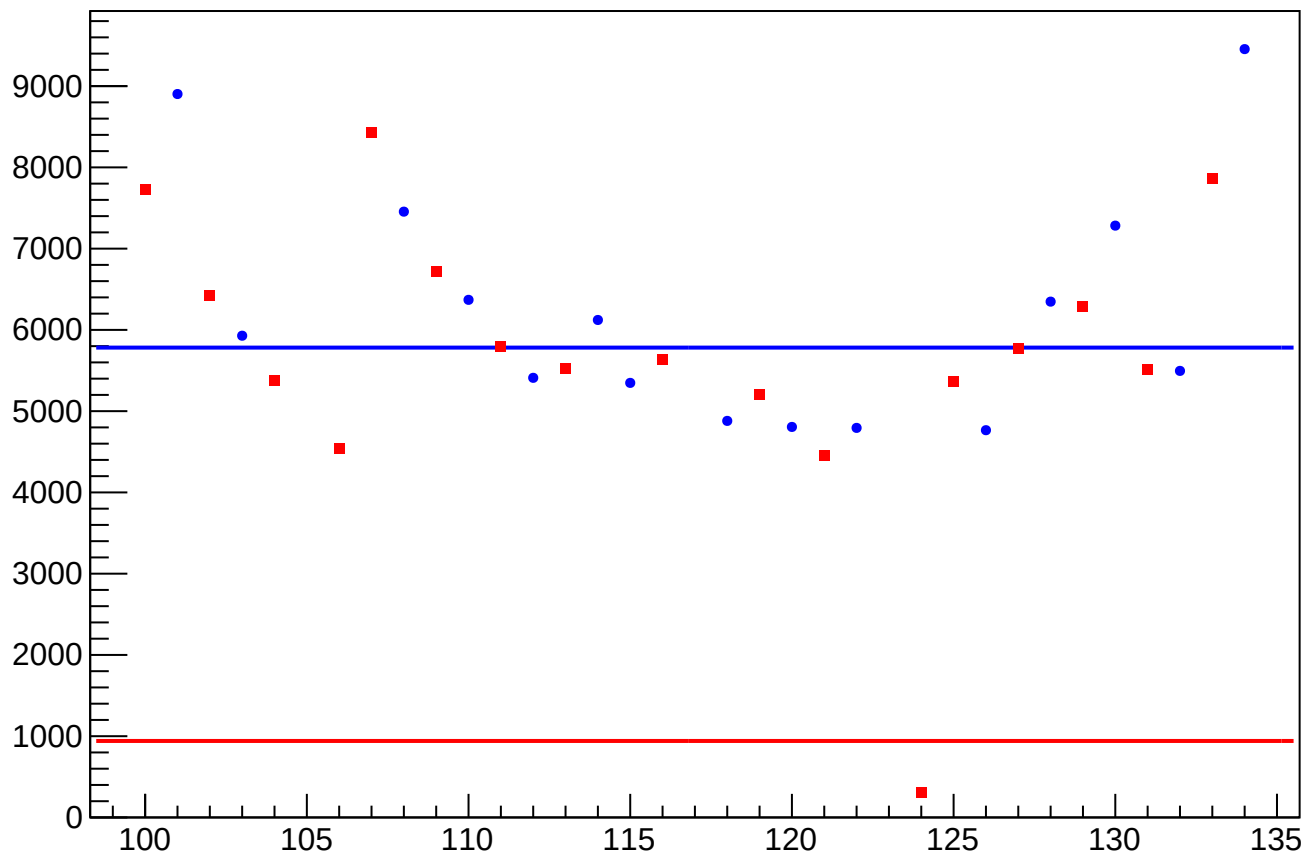
Right: 485.994+/-731.929 χ^2/NDF : 29.5/31

In: -9.374+/-2352.363 χ^2/NDF :12.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 485.994+/-731.929 χ^2/NDF : 29.5/31

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5782.153+/-1.663 χ^2/NDF : 518432.1/14

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

Right Out: 941.364+/-0.545 χ^2/NDF : 10290767.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

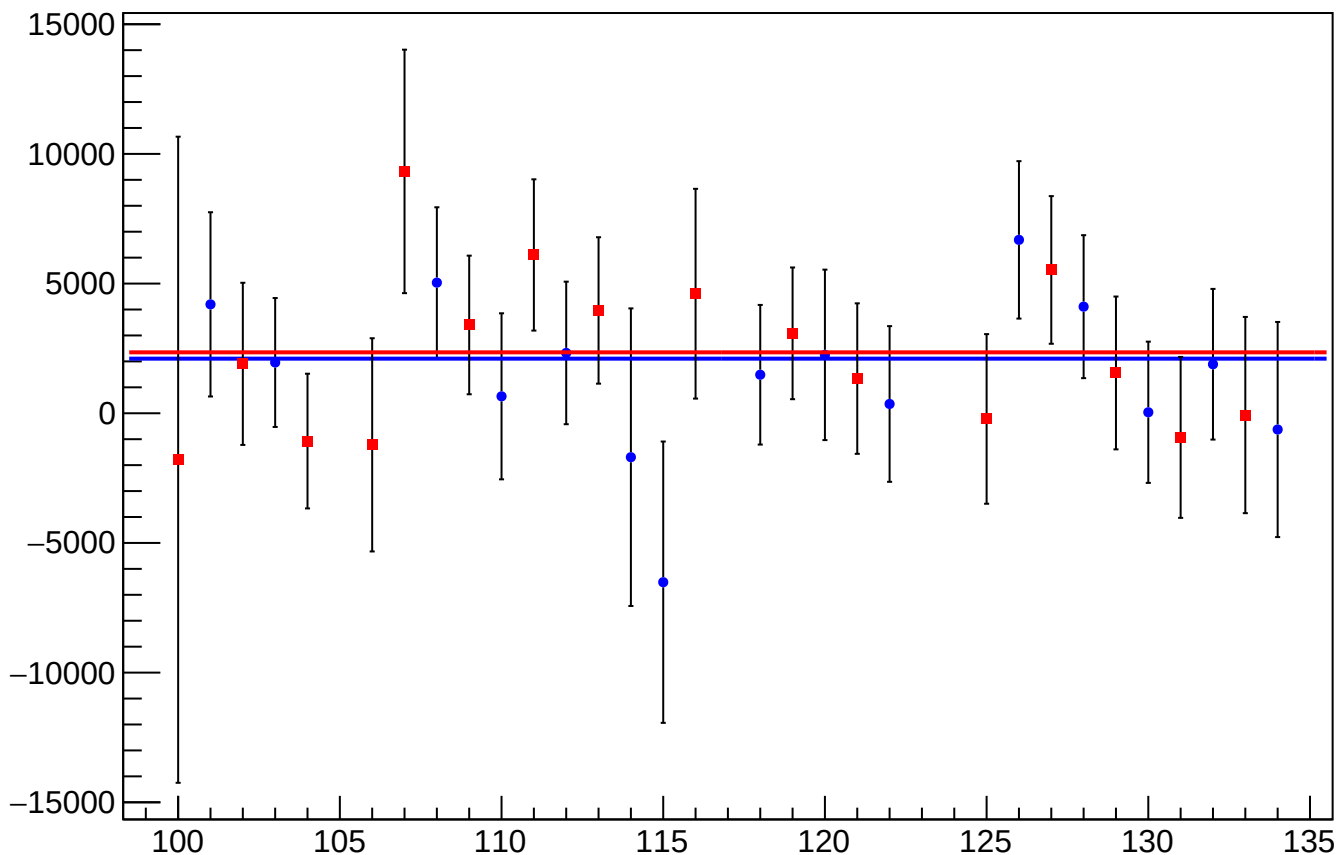
Right: 1410.011+/-0.518 χ^2/NDF : 18458678.8/31

In: 5782.153+/-1.663 χ^2/NDF : 518432.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.011+/-0.518 χ^2/NDF : 18458678.8/31

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2105.236+/-803.963 χ^2/NDF : 8.8/14

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

Right Out: 2349.227+/-794.122 χ^2/NDF : 10.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

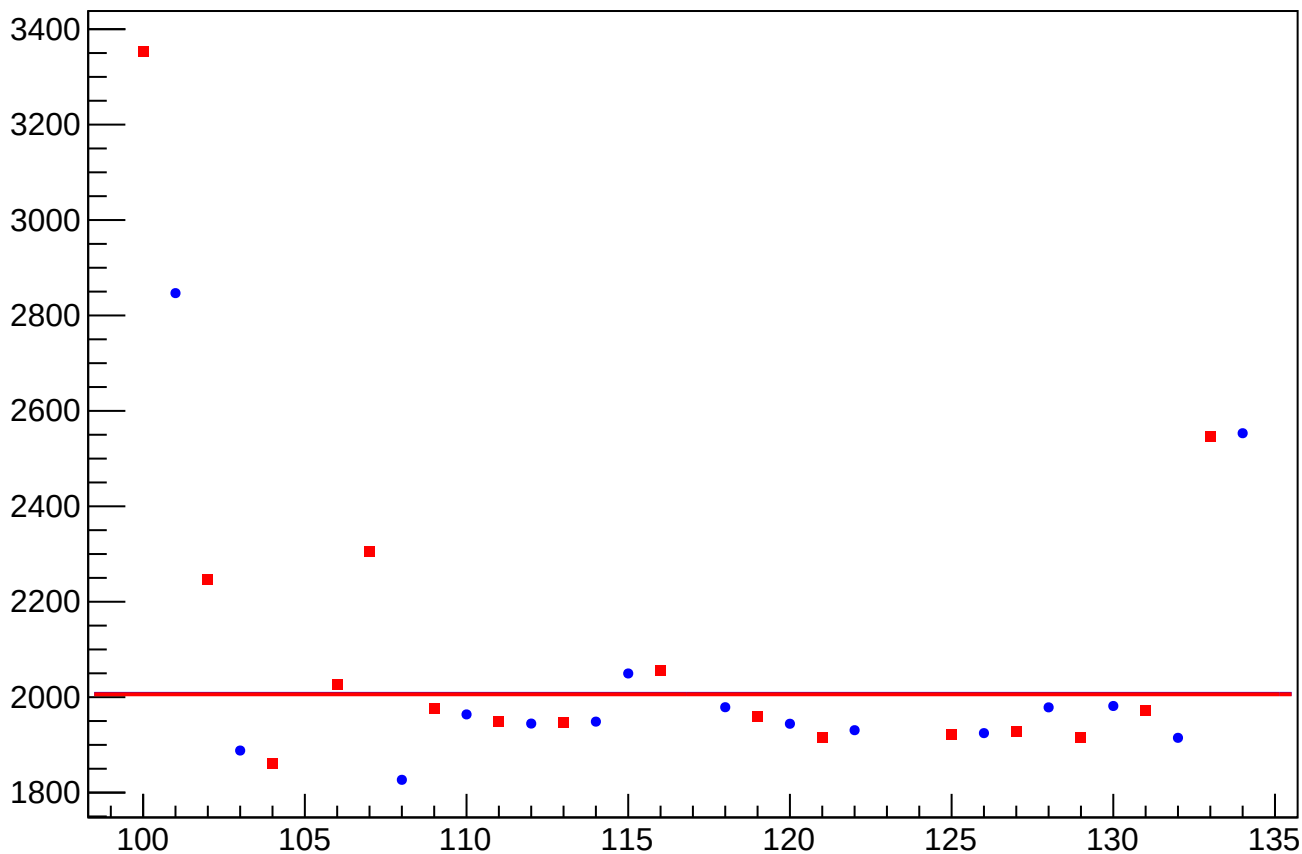
Right: 2228.734+/-564.976 χ^2/NDF : 19.8/30

In: 2105.236+/-803.963 χ^2/NDF : 8.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2228.734+/-564.976 χ^2/NDF : 19.8/30

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2006.864+/-0.568 χ^2/NDF : 166565.2/14

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

Right Out: 2006.103+/-0.561 χ^2/NDF : 100276.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

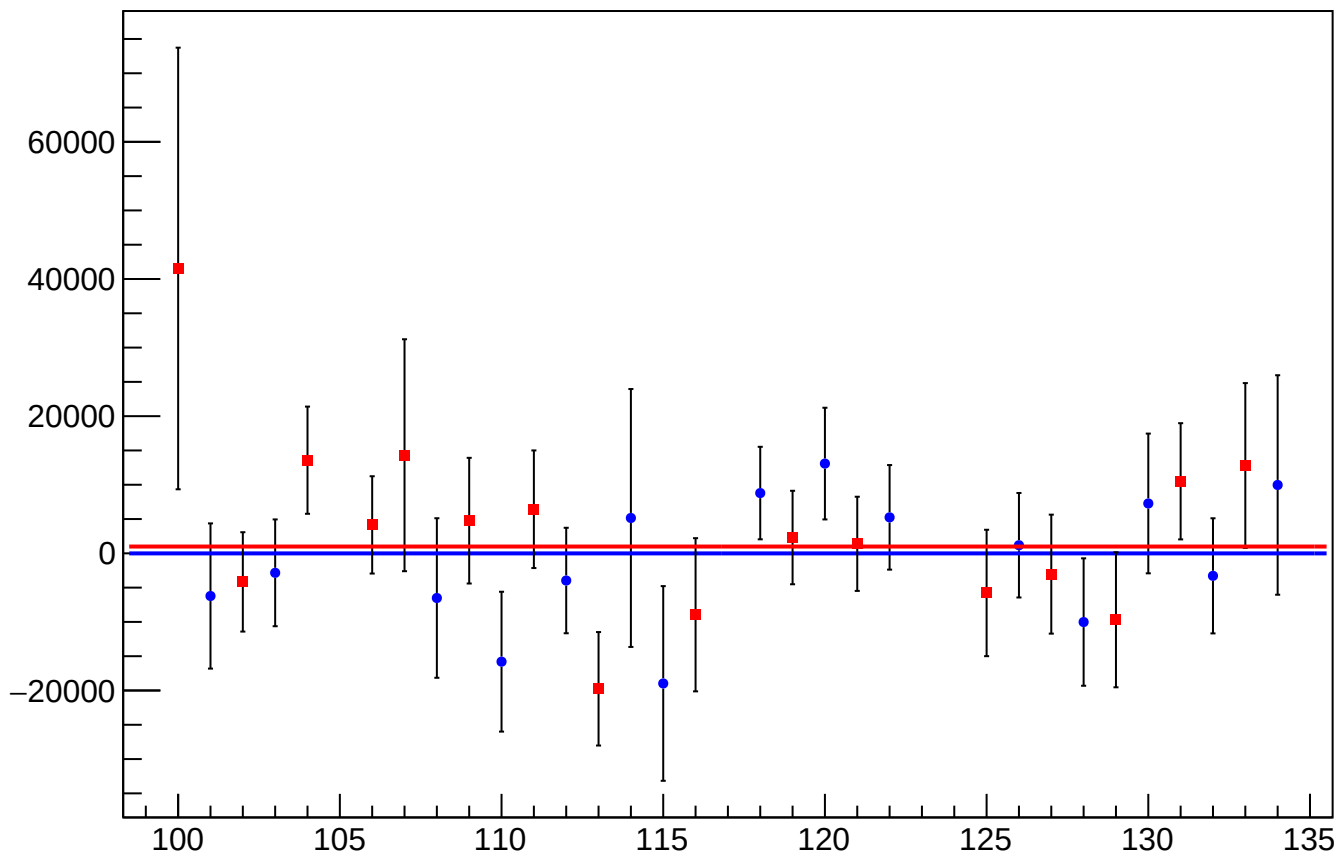
Right: 2006.479+/-0.399 χ^2/NDF : 266842.7/30

In: 2006.864+/-0.568 χ^2/NDF : 166565.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.479+/-0.399 χ^2/NDF : 266842.7/30

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -9.659 ± 2370.662 χ^2/NDF : 12.3/14

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

Right Out: 990.337 ± 2198.588 χ^2/NDF : 17.4/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

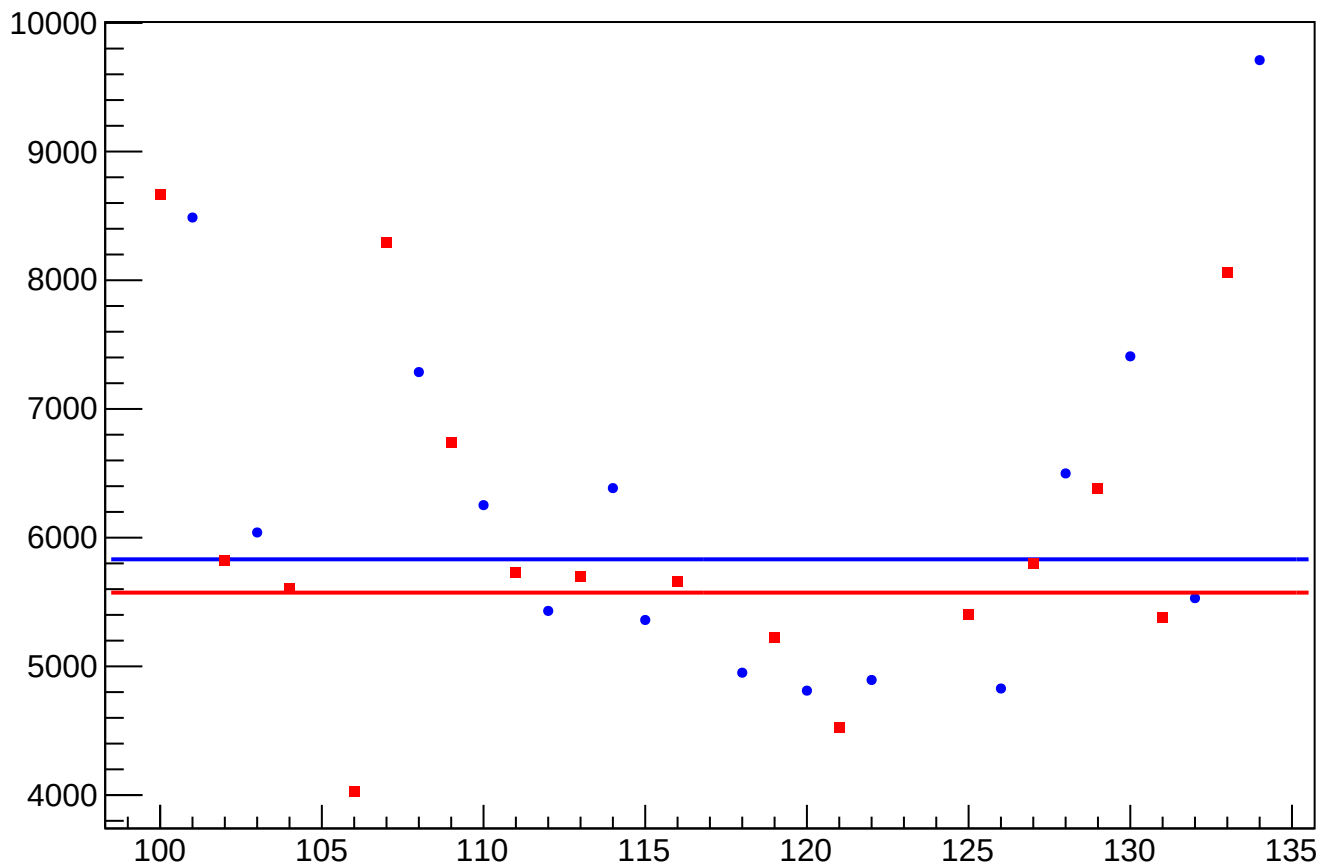
Right: 527.945 ± 1612.040 χ^2/NDF : 29.8/30

In: -9.659 ± 2370.662 χ^2/NDF : 12.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 527.945 ± 1612.040 χ^2/NDF : 29.8/30

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5831.787+/-1.676 χ^2/NDF : 480113.3/14

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

Right Out: 5572.997+/-1.555 χ^2/NDF : 355189.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

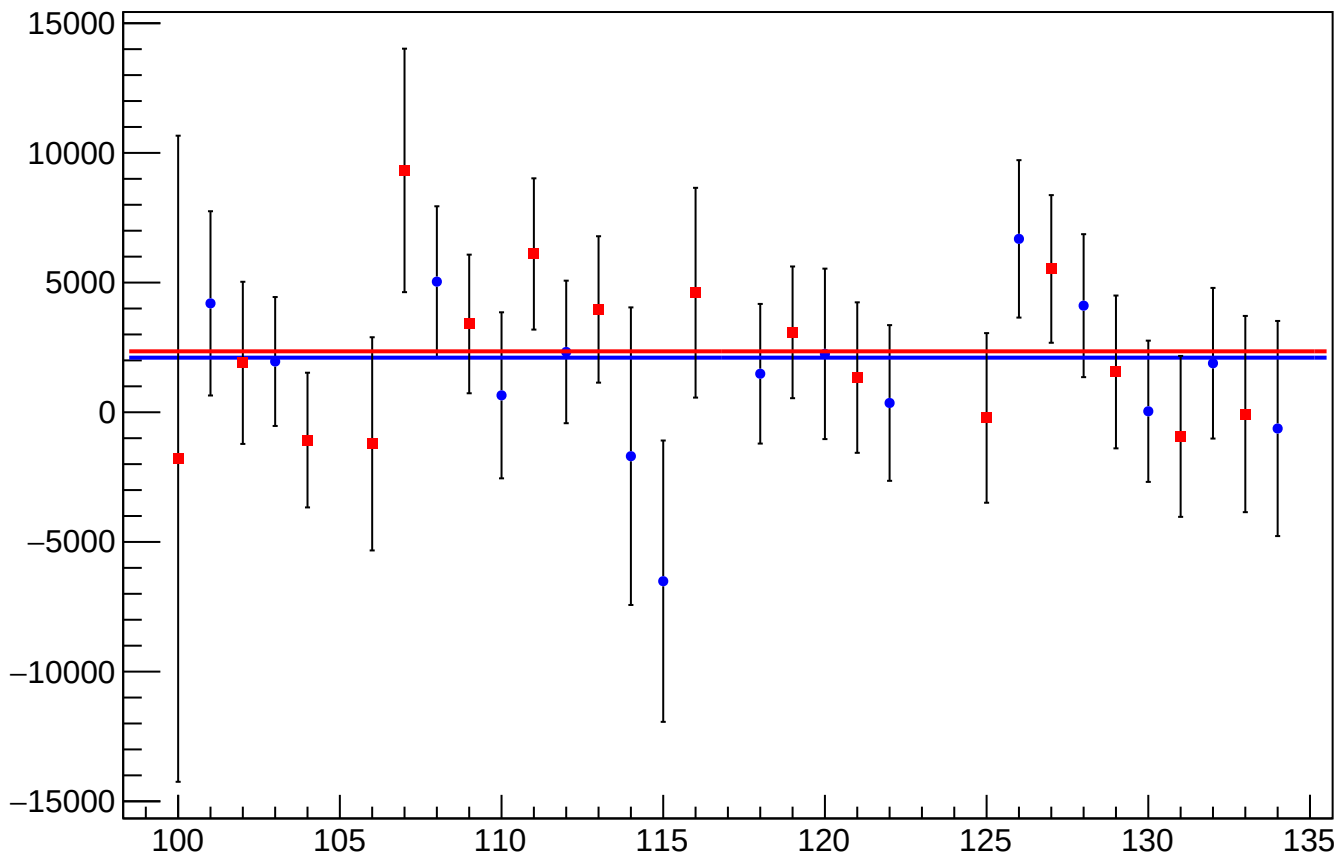
Right: 5692.660+/-1.140 χ^2/NDF : 848115.4/30

In: 5831.787+/-1.676 χ^2/NDF : 480113.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5692.660+/-1.140 χ^2/NDF : 848115.4/30

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2105.245+/-803.963 χ^2/NDF : 8.8/14

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

Right Out: 2349.232+/-794.122 χ^2/NDF : 10.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

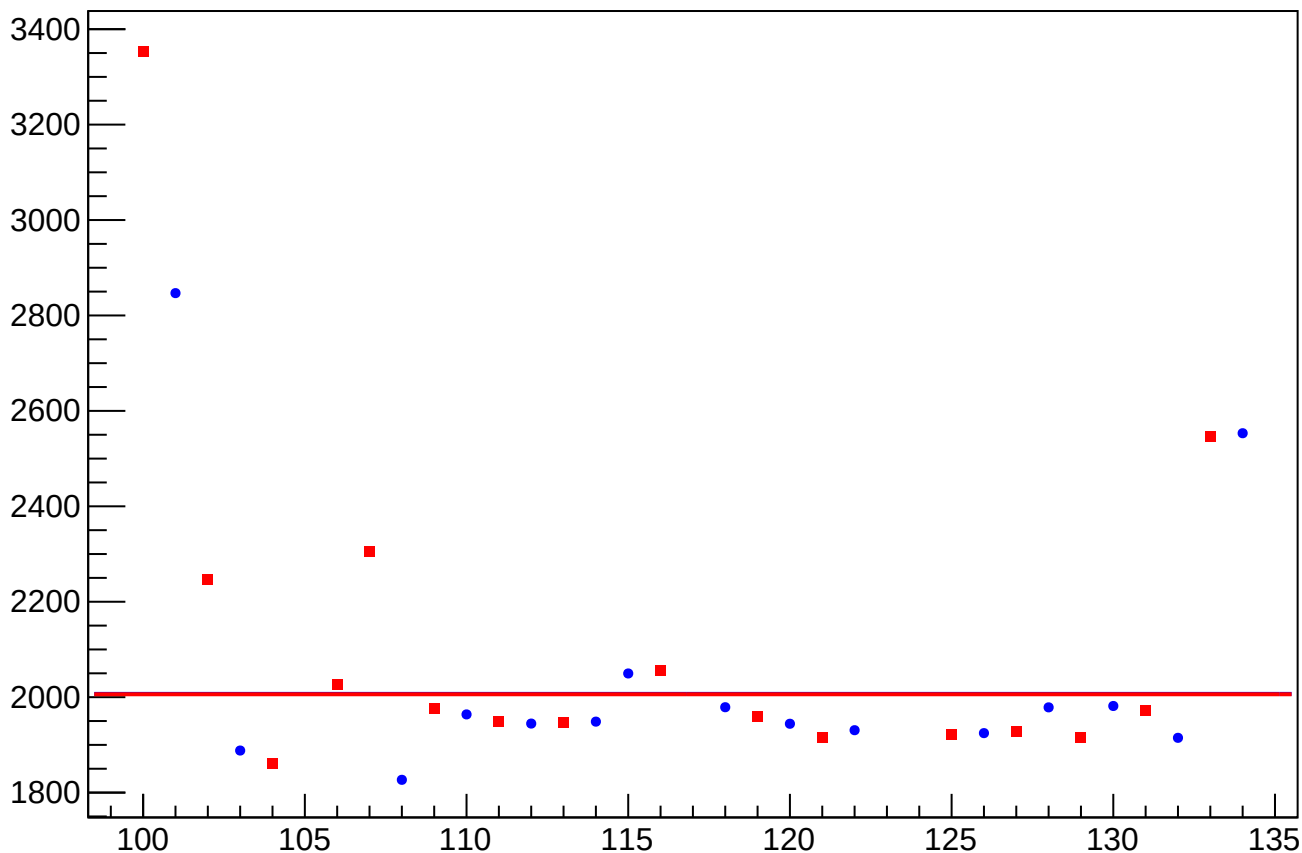
Right: 2228.741+/-564.976 χ^2/NDF : 19.8/30

In: 2105.245+/-803.963 χ^2/NDF : 8.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2228.741+/-564.976 χ^2/NDF : 19.8/30

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2006.864+/-0.568 χ^2/NDF : 166565.0/14

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

Right Out: 2006.103+/-0.561 χ^2/NDF : 100276.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

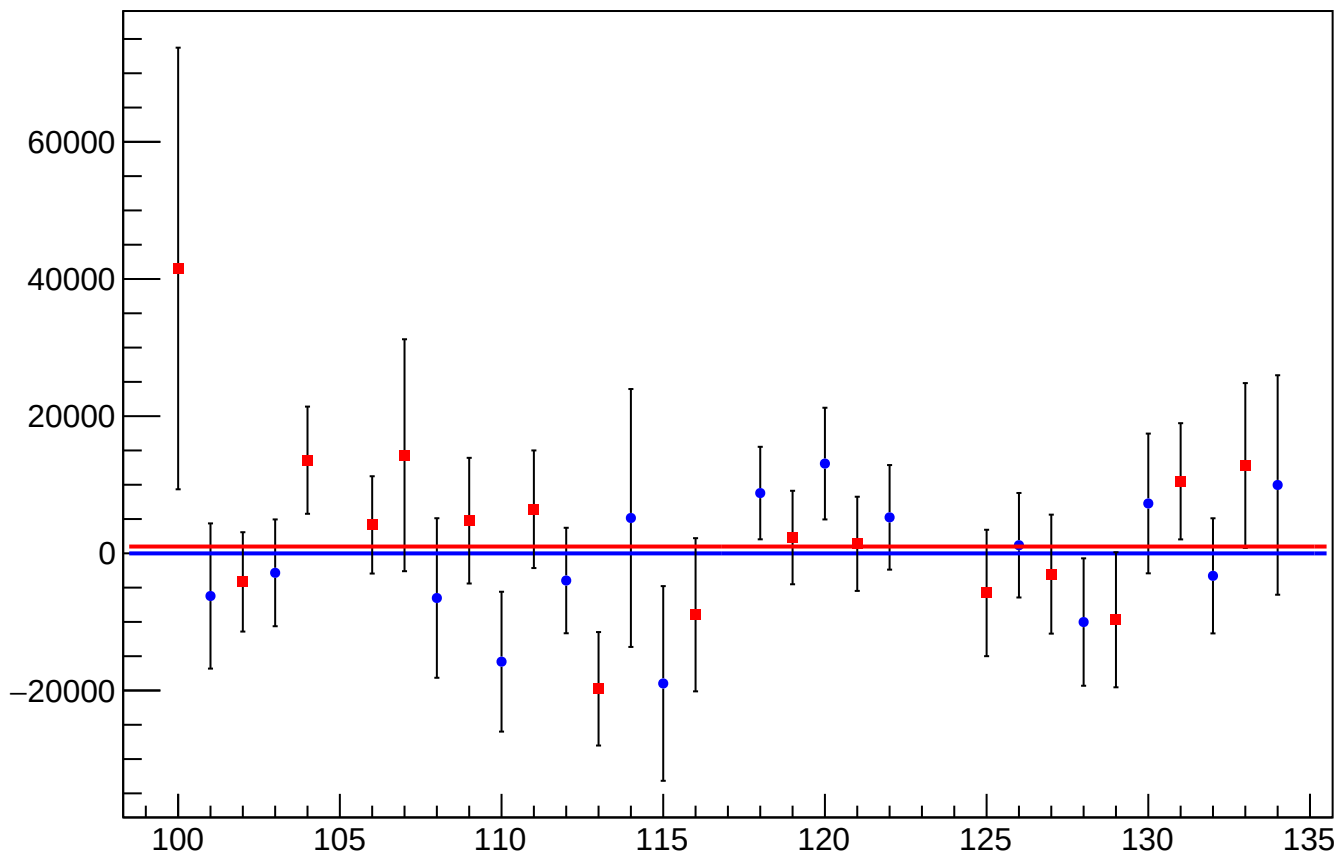
Right: 2006.478+/-0.399 χ^2/NDF : 266842.4/30

In: 2006.864+/-0.568 χ^2/NDF : 166565.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.478+/-0.399 χ^2/NDF : 266842.4/30

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -9.653+/-2370.654 χ^2/NDF : 12.3/14

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

Right Out: 990.342+/-2198.581 χ^2/NDF : 17.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

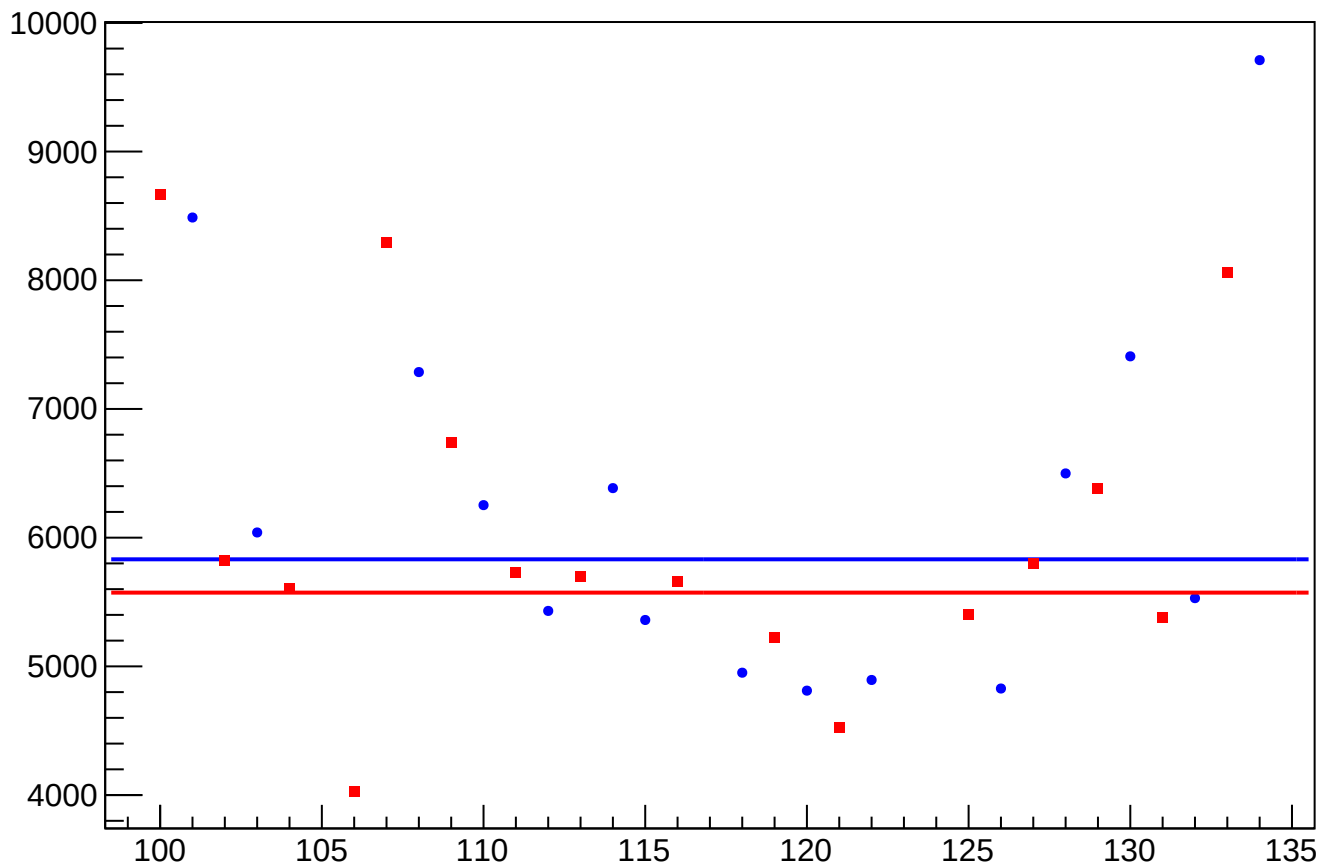
Right: 527.950+/-1612.035 χ^2/NDF : 29.8/30

In: -9.653+/-2370.654 χ^2/NDF :12.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 527.950+/-1612.035 χ^2/NDF : 29.8/30

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5831.767+/-1.676 χ^2/NDF : 480117.5/14

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

Right Out: 5572.980+/-1.555 χ^2/NDF : 355189.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

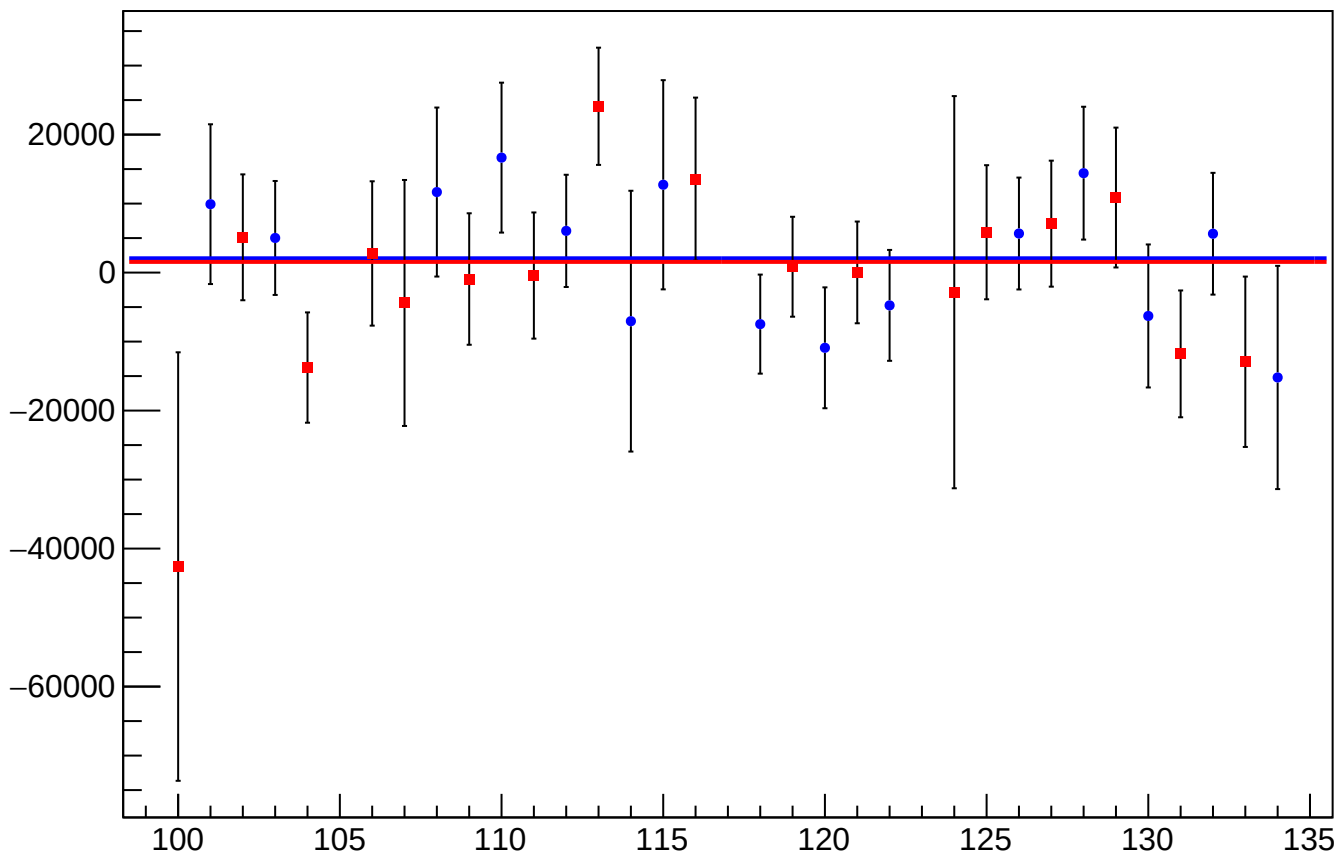
Right: 5692.642+/-1.140 χ^2/NDF : 848120.0/30

In: 5831.767+/-1.676 χ^2/NDF : 480117.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5692.642+/-1.140 χ^2/NDF : 848120.0/30

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2071.161+/-2504.389 χ^2/NDF : 12.4/14

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

Right Out: 1551.656+/-2394.366 χ^2/NDF : 19.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

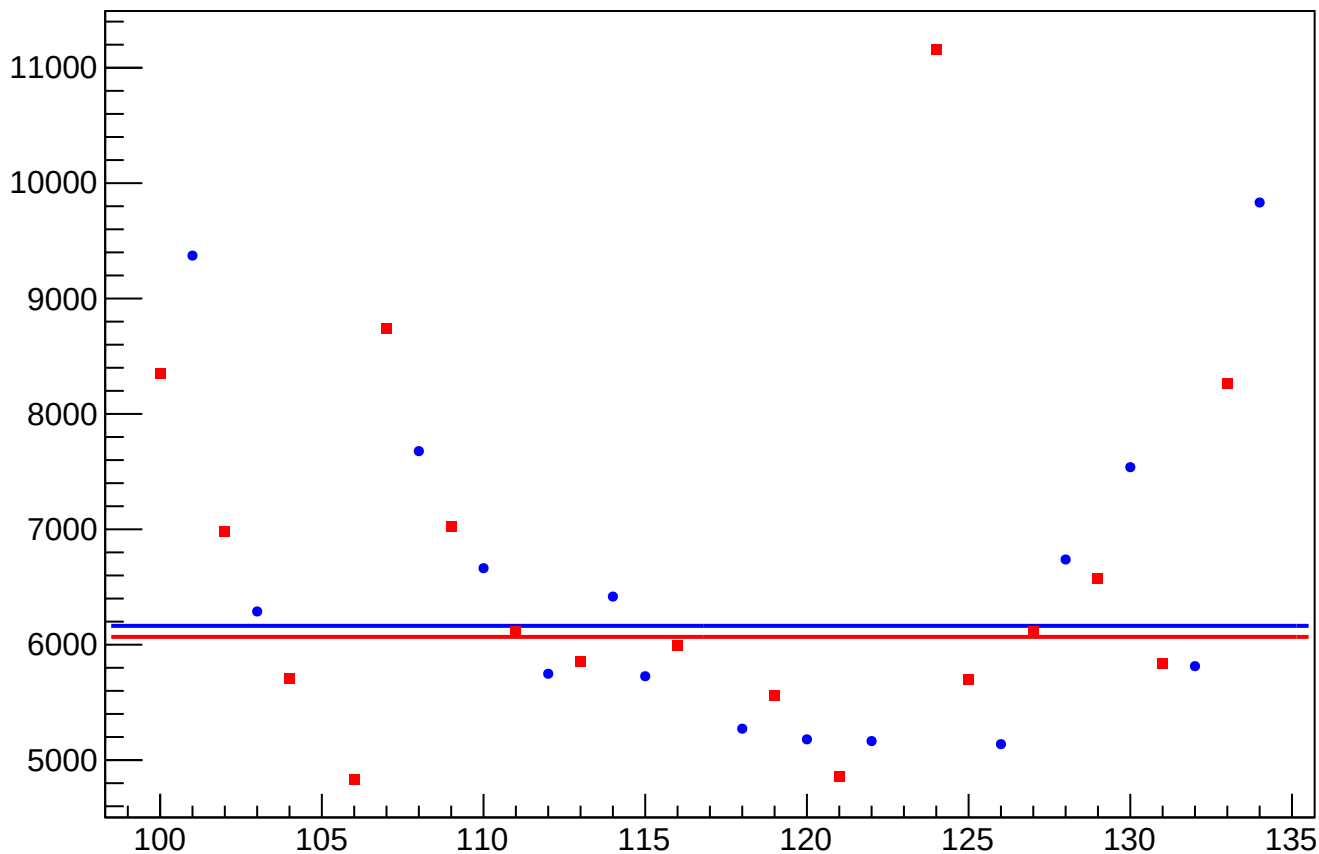
Right: 1799.746+/-1730.661 χ^2/NDF : 31.6/31

In: 2071.161+/-2504.389 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1799.746+/-1730.661 χ^2/NDF : 31.6/31

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6163.436+/-1.771 χ^2/NDF : 463354.7/14

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

Right Out: 6067.767+/-1.693 χ^2/NDF : 329421.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

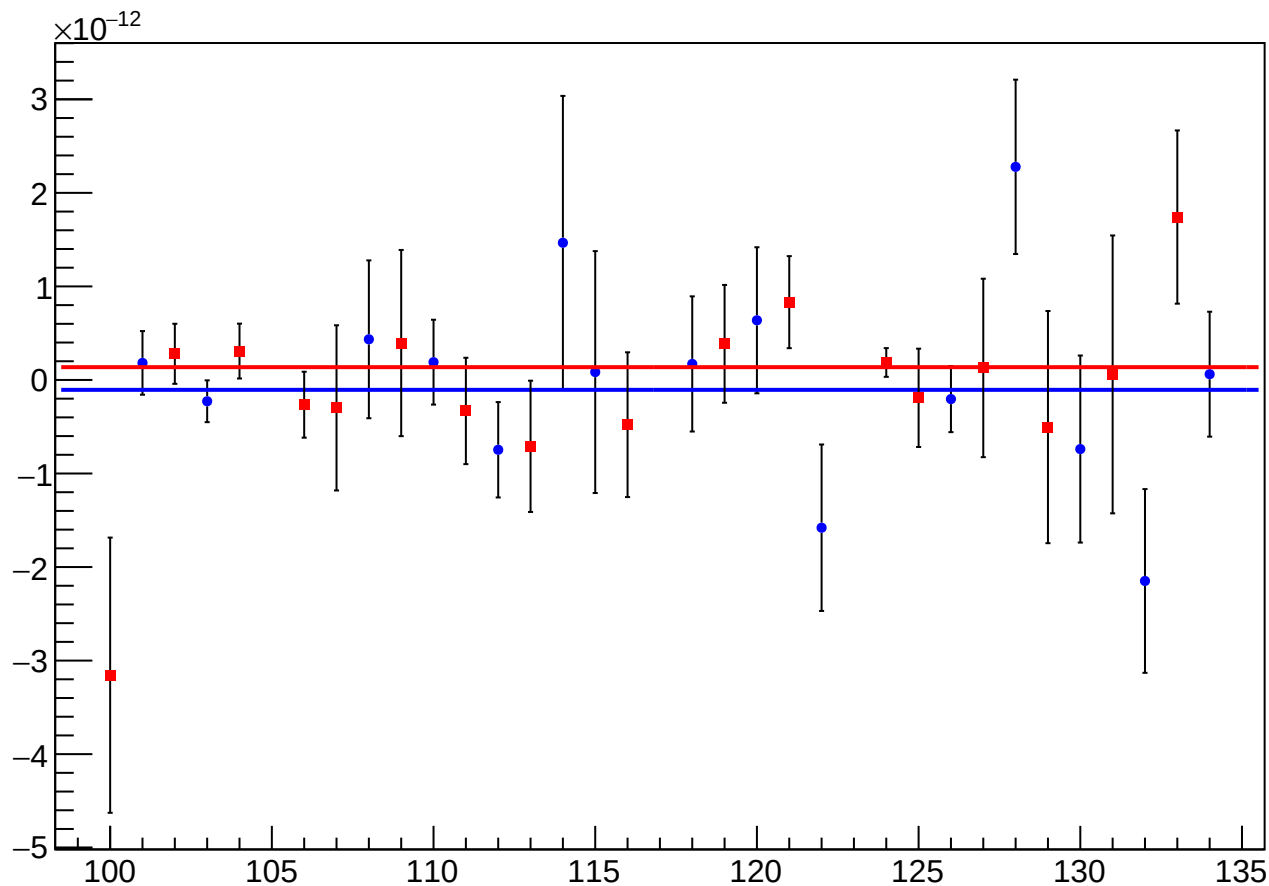
Right: 6113.454+/-1.224 χ^2/NDF : 794300.7/31

In: 6163.436+/-1.771 χ^2/NDF :463354.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6113.454+/-1.224 χ^2/NDF : 794300.7/31

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

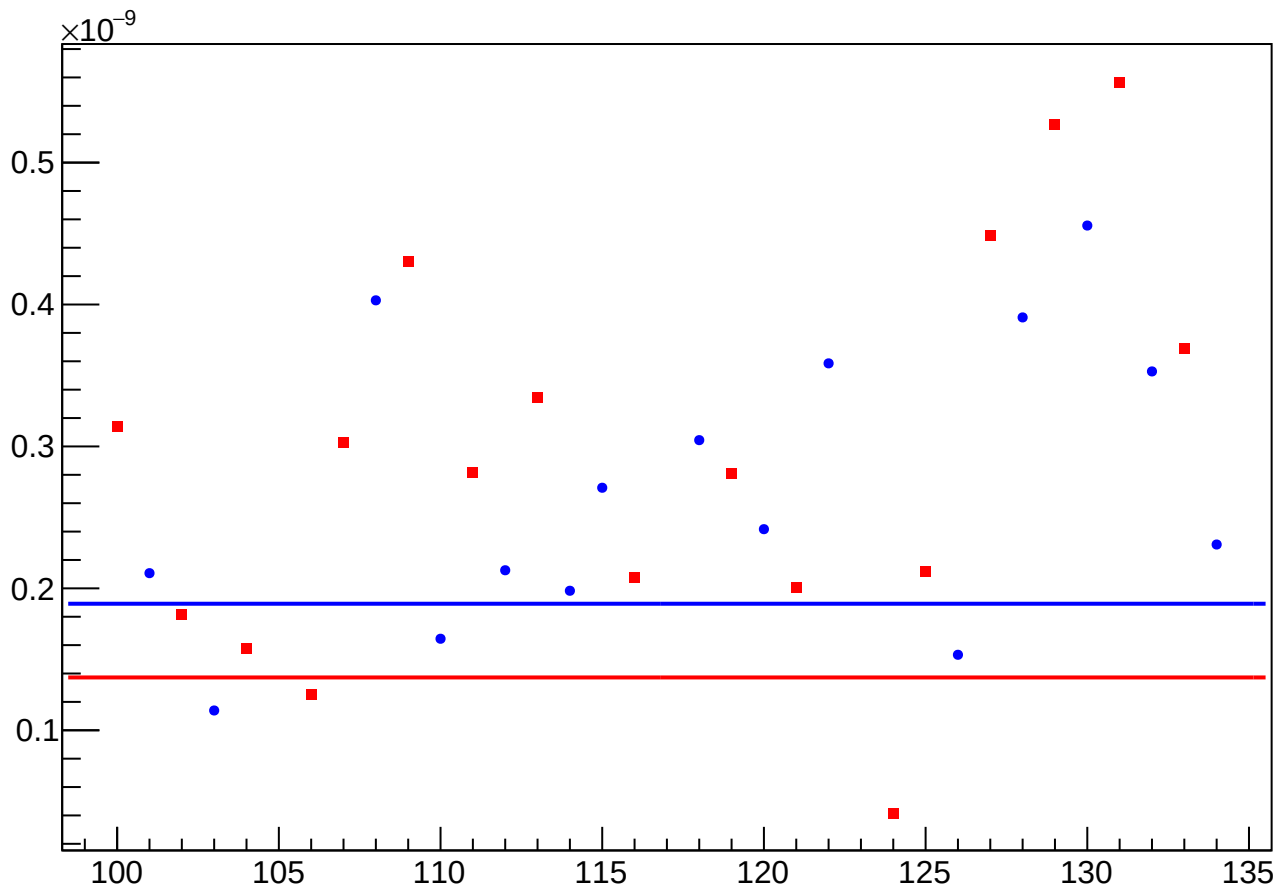
Right: 0.000+/-0.000 χ^2/NDF : 37.6/31

In: -0.000+/-0.000 χ^2/NDF : 19.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.6/31

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 833614.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2281594.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

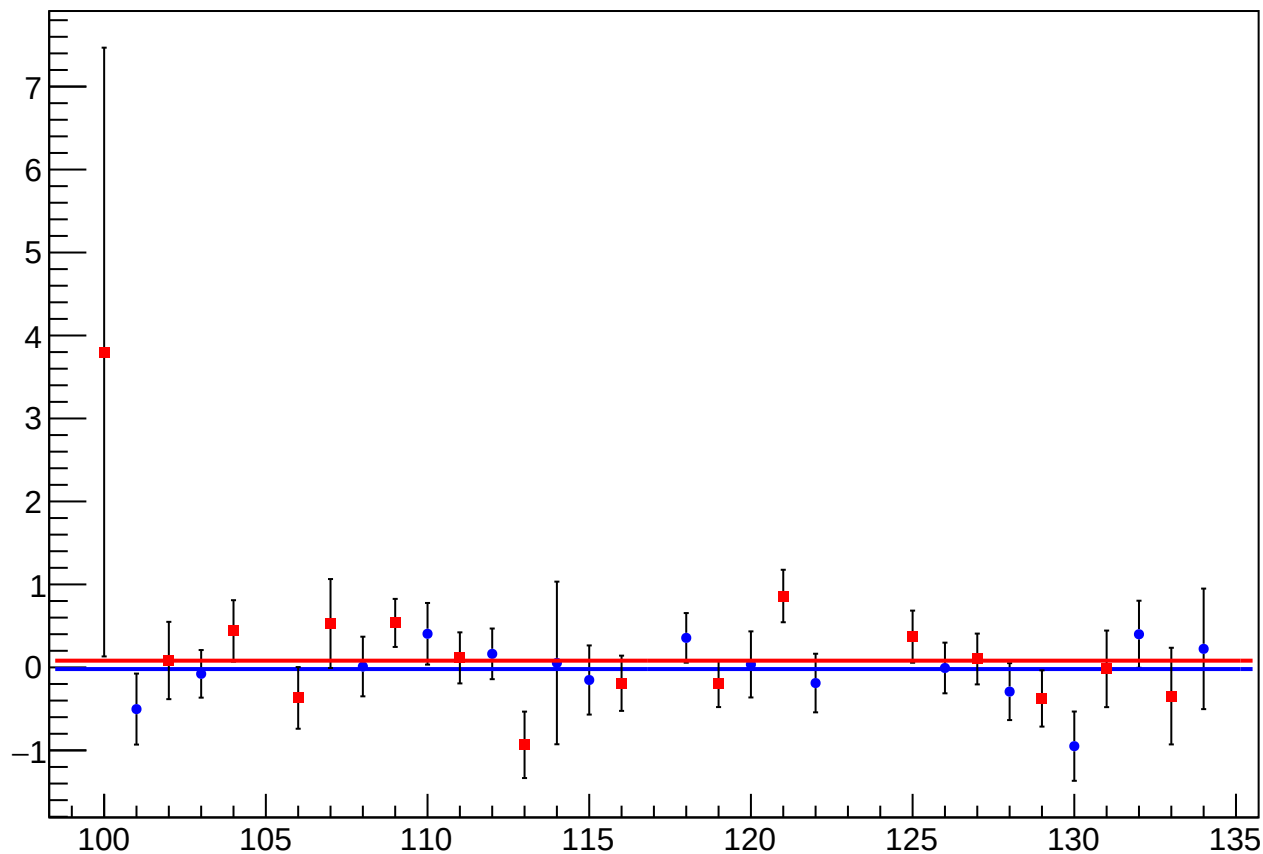
Right: 0.000+/-0.000 χ^2/NDF : 3309639.9/31

In: 0.000+/-0.000 χ^2/NDF : 833614.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3309639.9/31

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: 0.081 ± 0.091 χ^2/NDF : 24.0/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

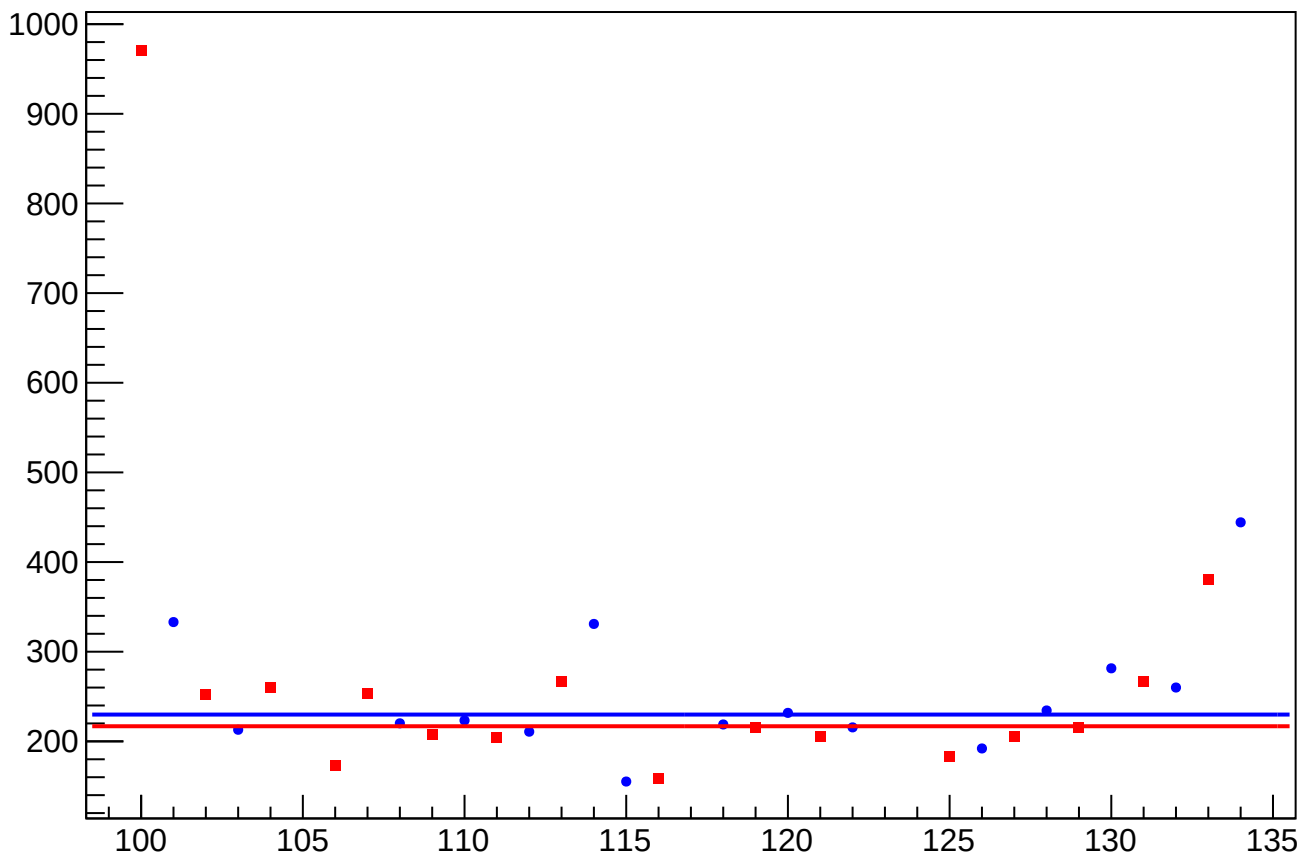
Right: 0.033 ± 0.066 χ^2/NDF : 36.2/30

In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.066 χ^2/NDF : 36.2/30

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.880+/-0.068 χ^2/NDF : 471785.6/14

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

Right Out: 216.854+/-0.065 χ^2/NDF : 467229.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

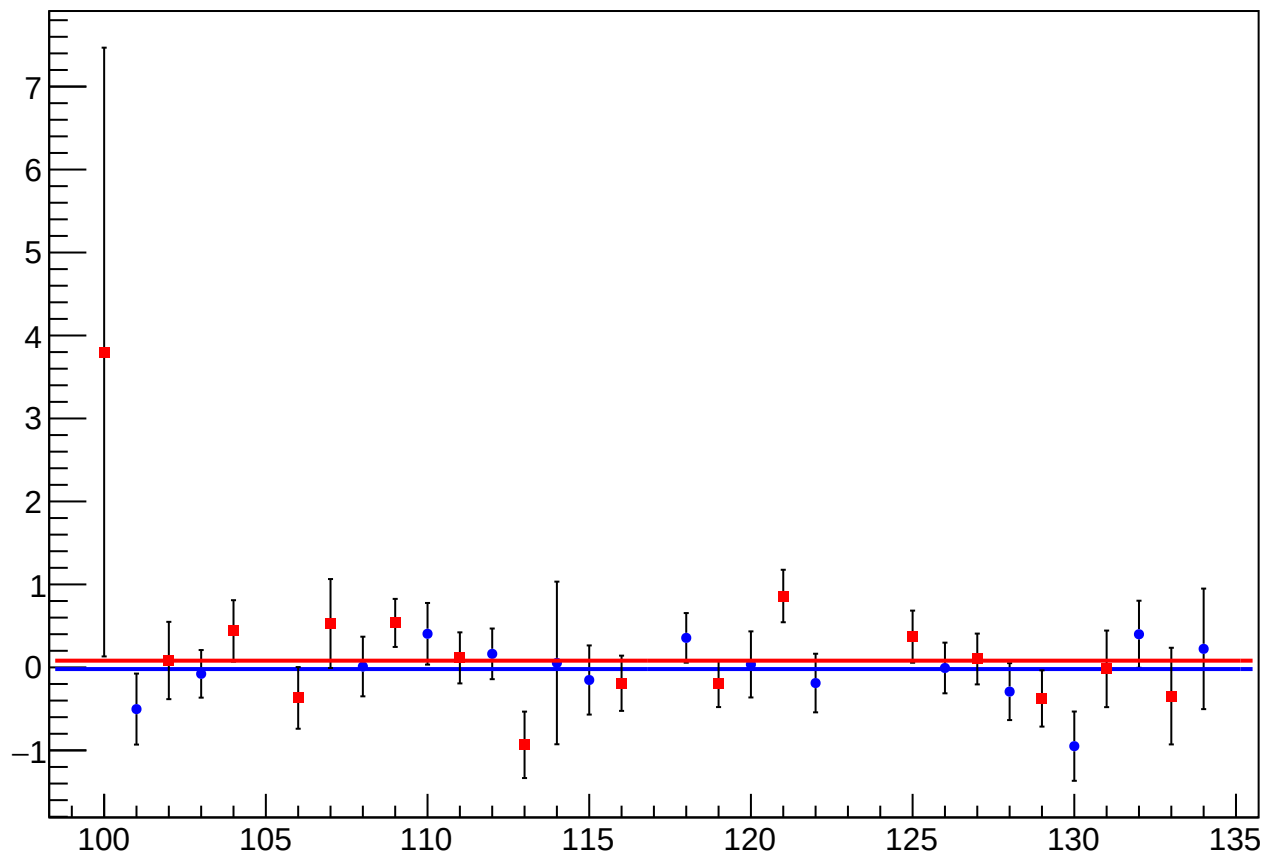
Right: 223.039+/-0.047 χ^2/NDF : 958373.4/30

In: 229.880+/-0.068 χ^2/NDF :471785.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 223.039+/-0.047 χ^2/NDF : 958373.4/30

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.096 χ^2/NDF : 11.7/14

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

Right Out: 0.081+/-0.091 χ^2/NDF : 24.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

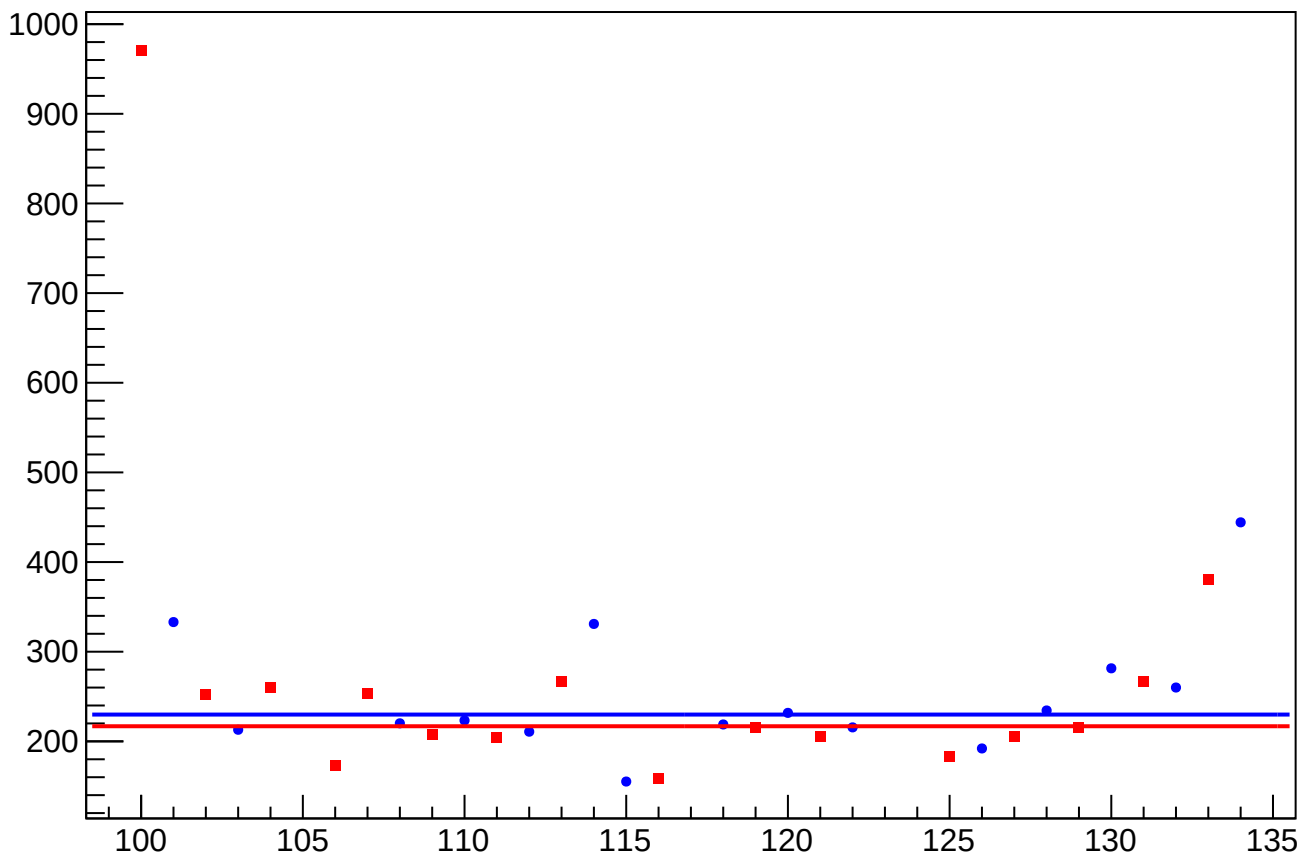
Right: 0.033+/-0.066 χ^2/NDF : 36.2/30

In: -0.020+/-0.096 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.066 χ^2/NDF : 36.2/30

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.880+/-0.068 χ^2/NDF : 471785.6/14

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

Right Out: 216.854+/-0.065 χ^2/NDF : 467229.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

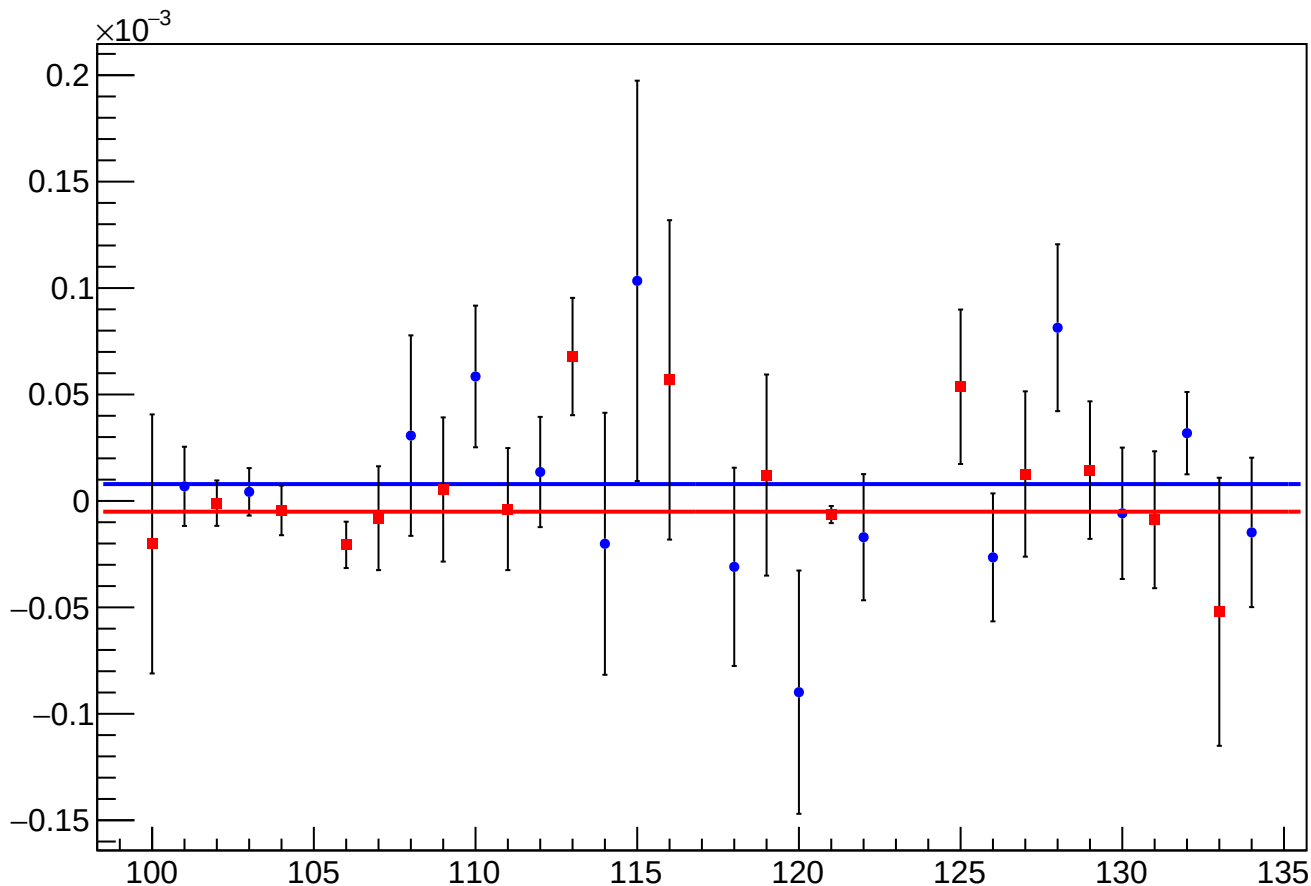
Right: 223.039+/-0.047 χ^2/NDF : 958373.4/30

In: 229.880+/-0.068 χ^2/NDF :471785.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 223.039+/-0.047 χ^2/NDF : 958373.4/30

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

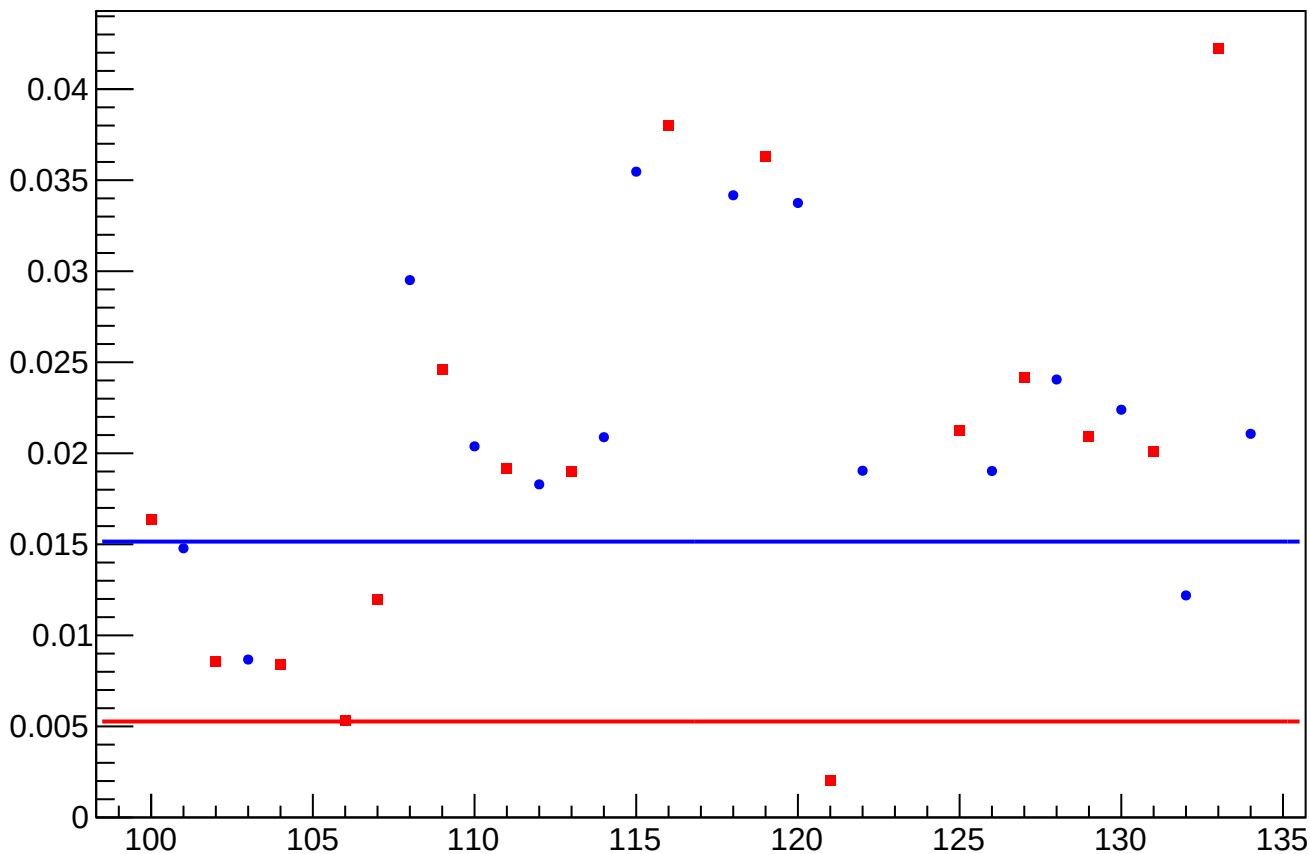
Right: -0.000+/-0.000 χ^2/NDF : 32.3/30

In: 0.000+/-0.000 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.3/30

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 1982032.0/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 7181972.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 12704953.6/30

In: 0.015+/-0.000

χ^2/NDF : 1982032.0/14

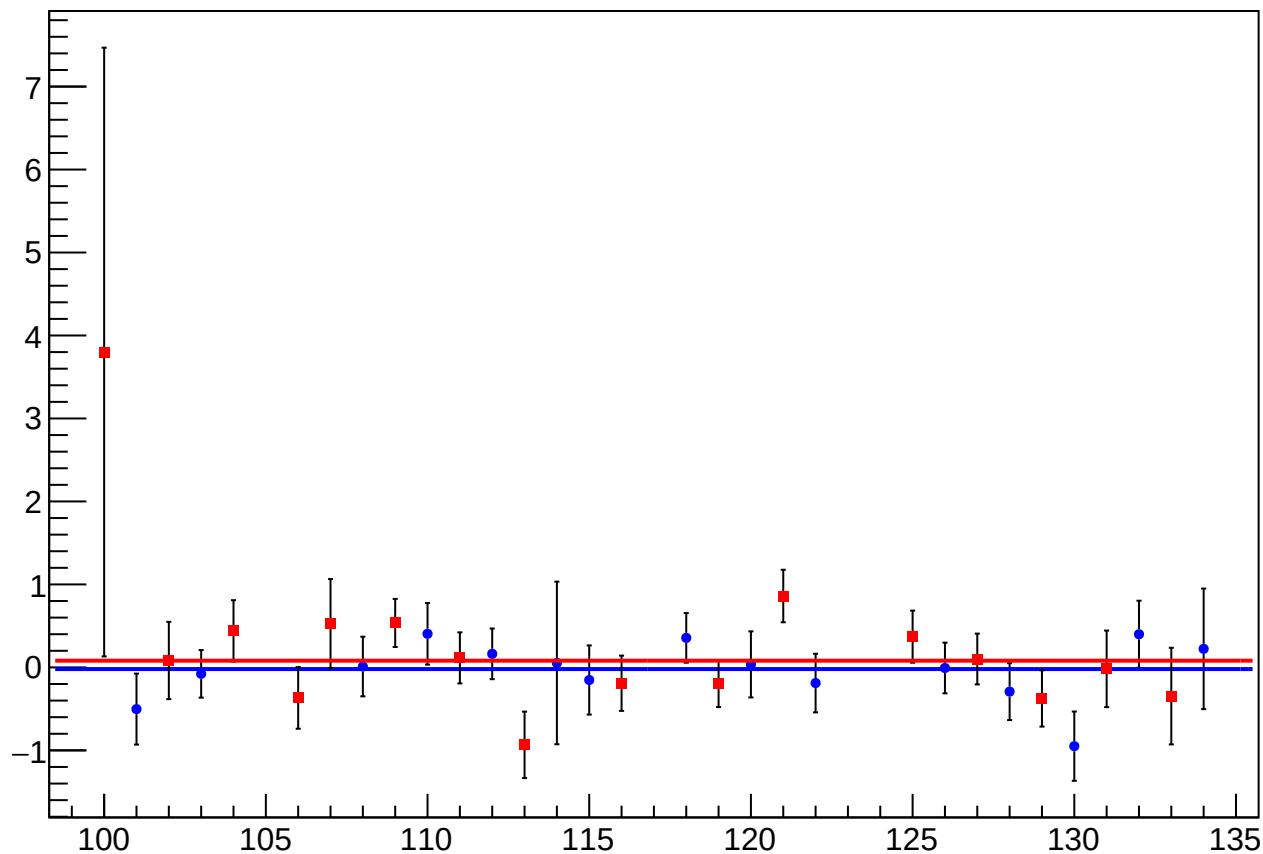
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 12704953.6/30

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: 0.081 ± 0.091 χ^2/NDF : 24.0/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

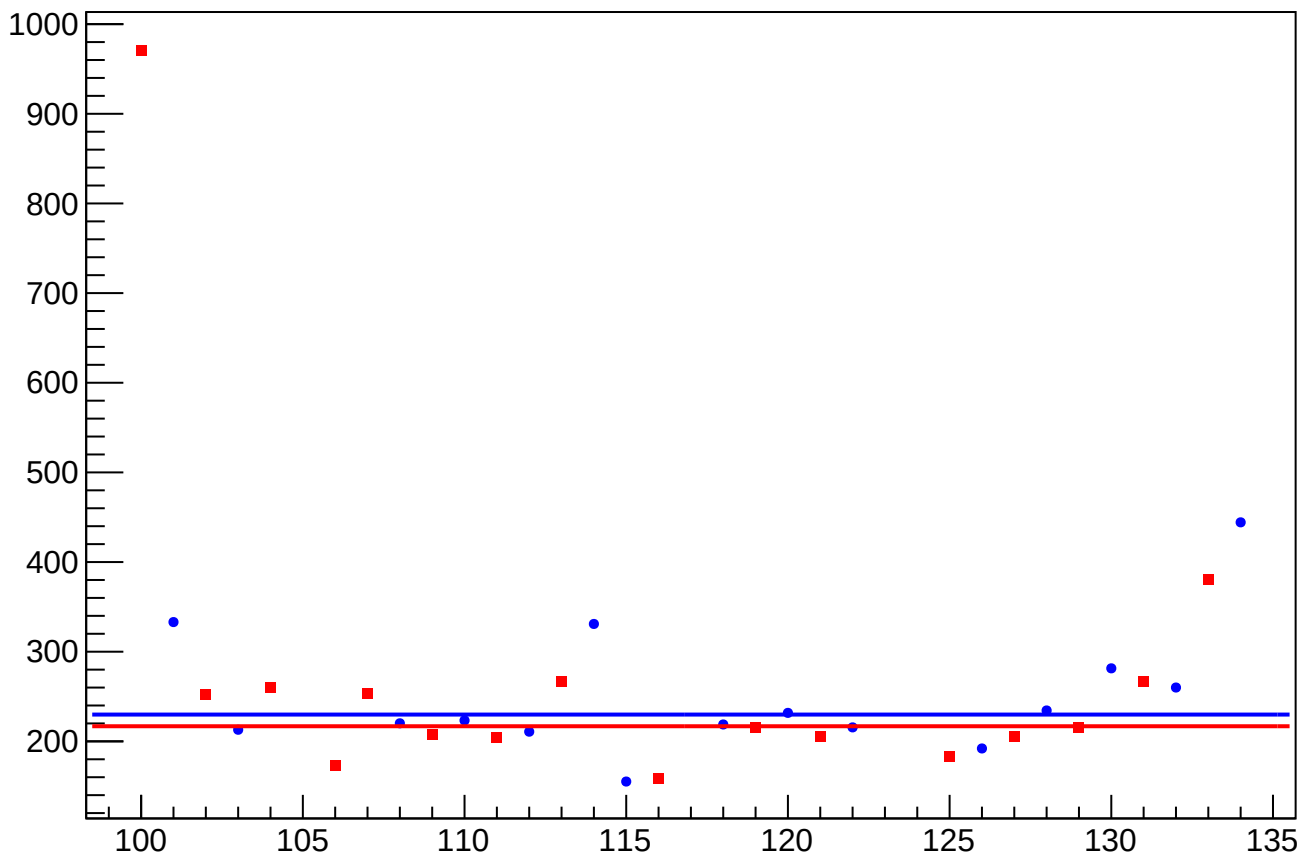
Right: 0.033 ± 0.066 χ^2/NDF : 36.2/30

In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.066 χ^2/NDF : 36.2/30

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.881+/-0.068 χ^2/NDF : 471739.8/14

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

Right Out: 216.856+/-0.065 χ^2/NDF : 467162.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

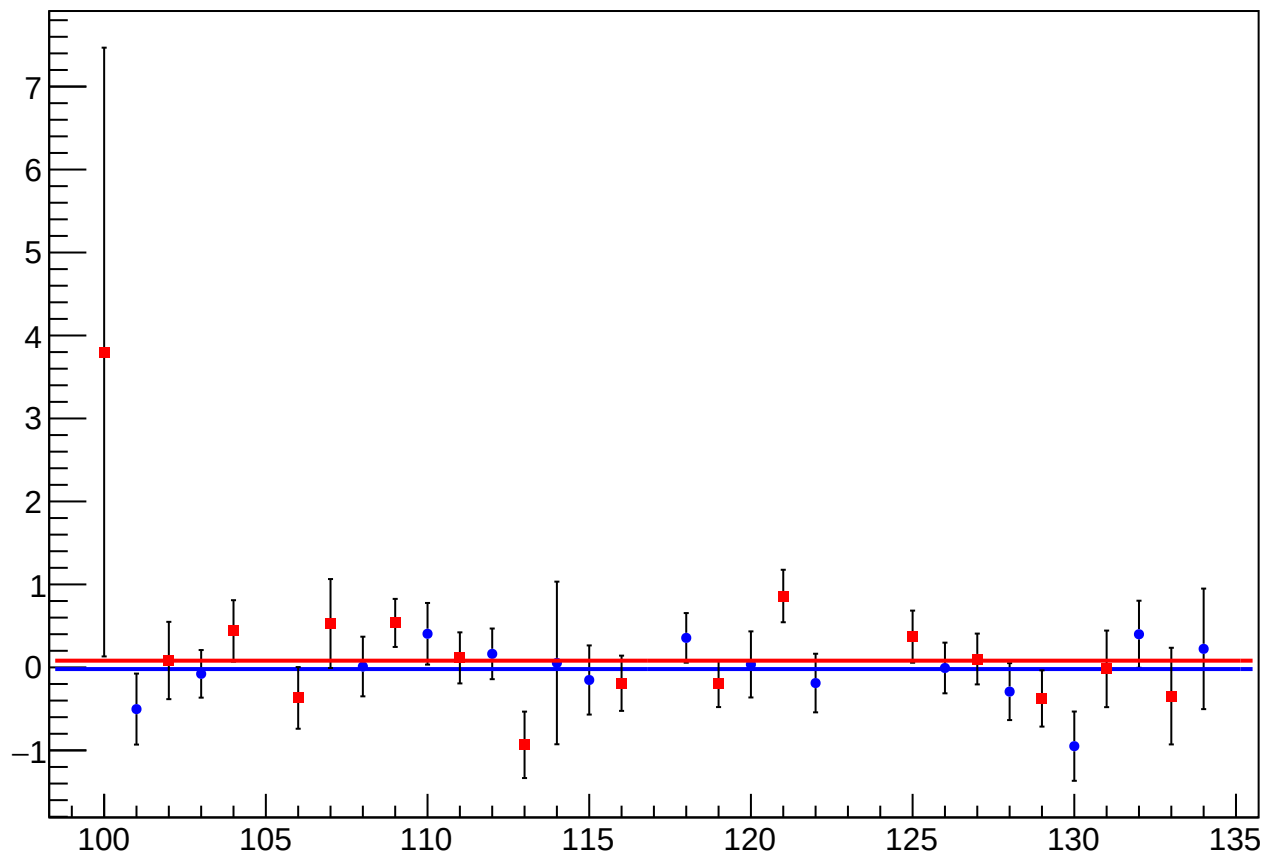
Right: 223.040+/-0.047 χ^2/NDF : 958258.4/30

In: 229.881+/-0.068 χ^2/NDF :471739.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 223.040+/-0.047 χ^2/NDF : 958258.4/30

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: 0.081 ± 0.091 χ^2/NDF : 24.0/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

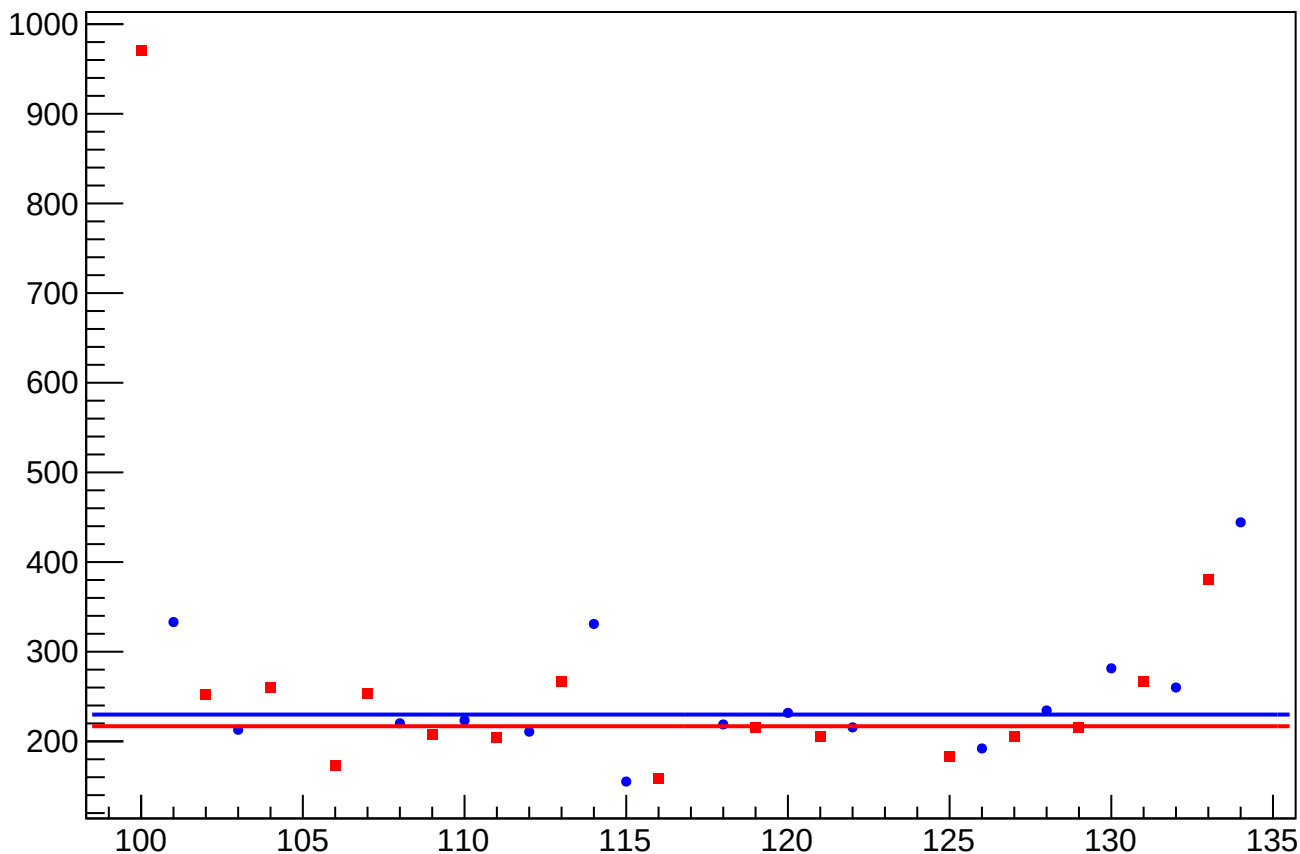
Right: 0.033 ± 0.066 χ^2/NDF : 36.2/30

In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.066 χ^2/NDF : 36.2/30

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 229.881+/-0.068 χ^2/NDF : 471739.8/14

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

Right Out: 216.856+/-0.065 χ^2/NDF : 467162.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

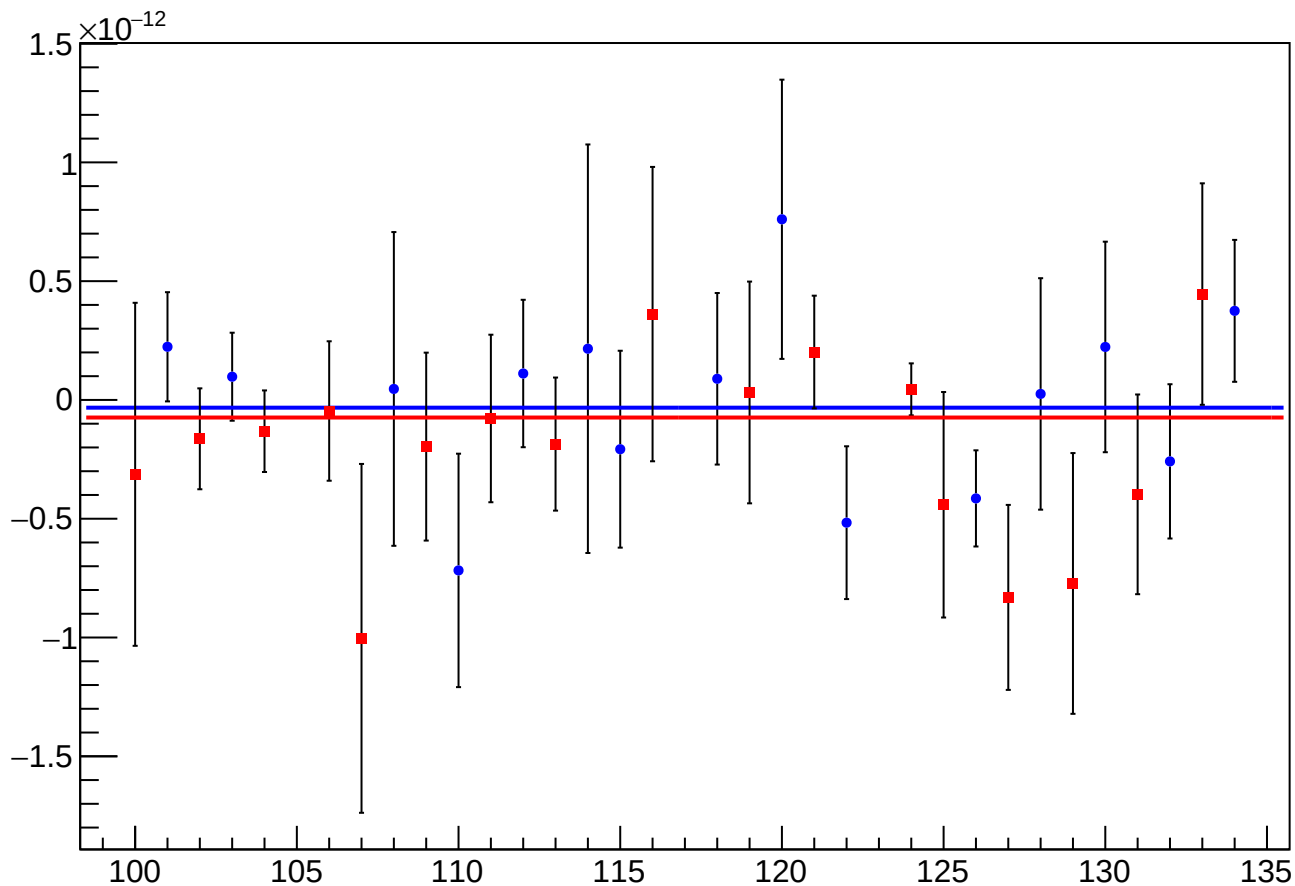
Right: 223.040+/-0.047 χ^2/NDF : 958258.4/30

In: 229.881+/-0.068 χ^2/NDF : 471739.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.040+/-0.047 χ^2/NDF : 958258.4/30

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

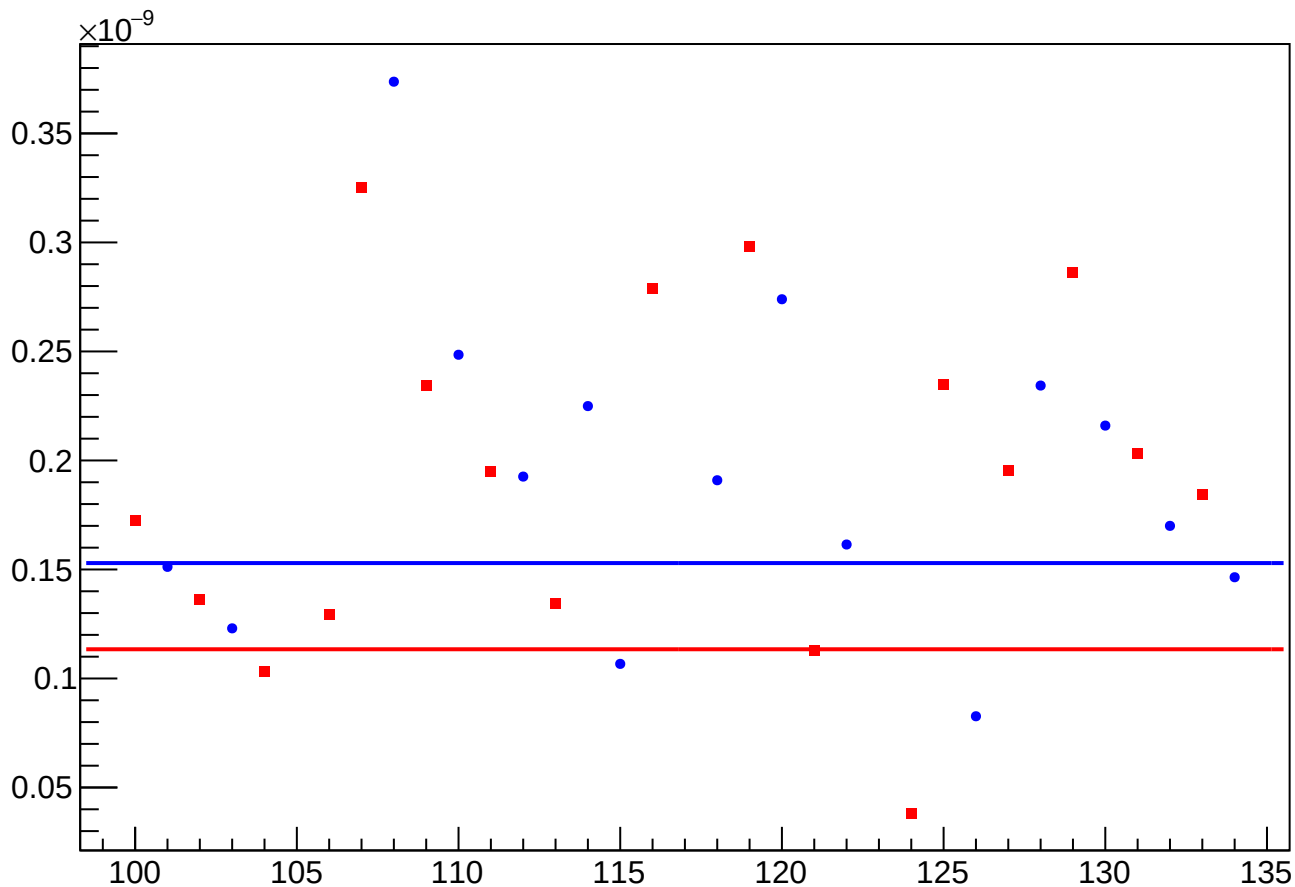
Right: -0.000+/-0.000 χ^2/NDF : 28.0/31

In: -0.000+/-0.000 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.0/31

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 875358.2/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2483556.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

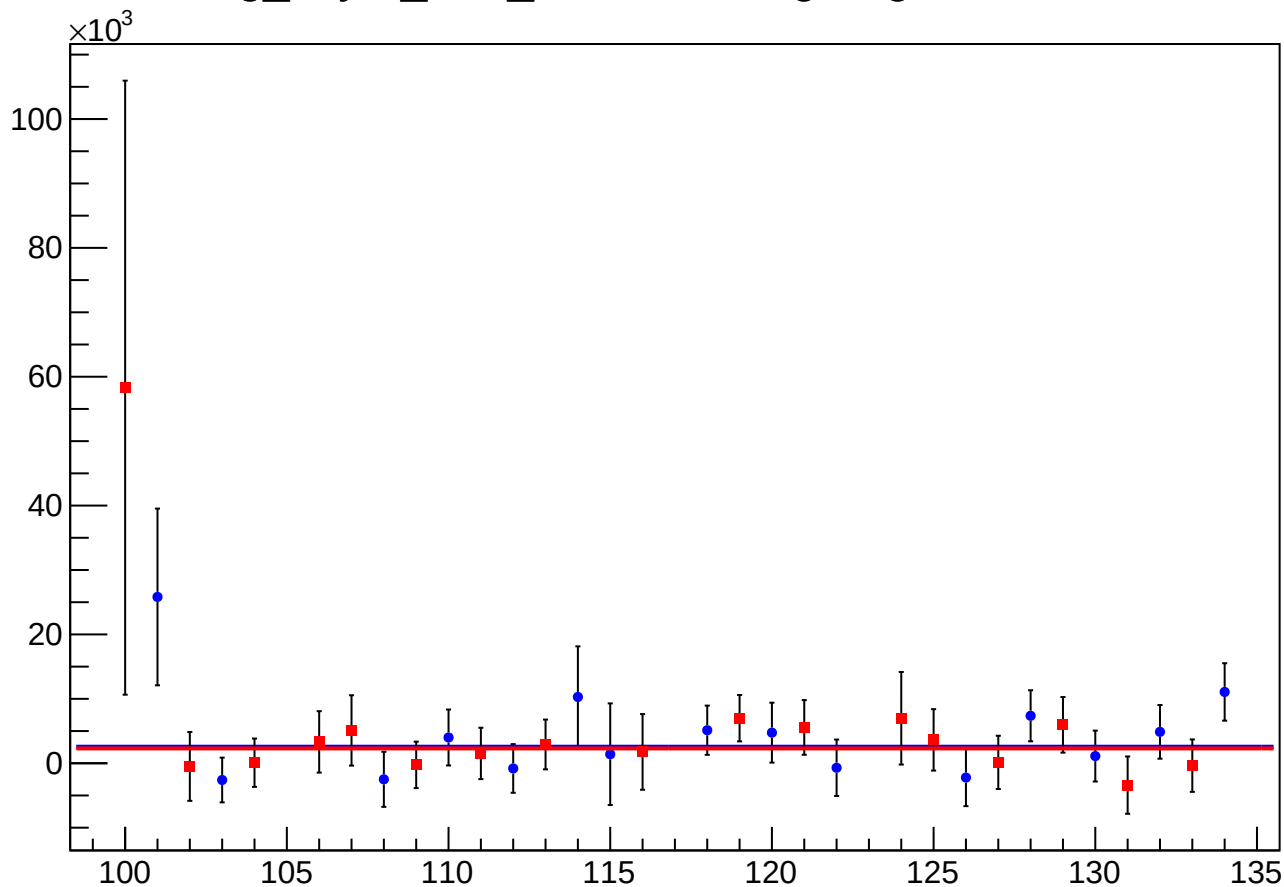
Right: 0.000+/-0.000 χ^2/NDF : 3639754.2/31

In: 0.000+/-0.000 χ^2/NDF :875358.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3639754.2/31

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2568.430+/-1153.097 χ^2/NDF : 16.3/14

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

Right Out: 2303.200+/-1091.583 χ^2/NDF : 8.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

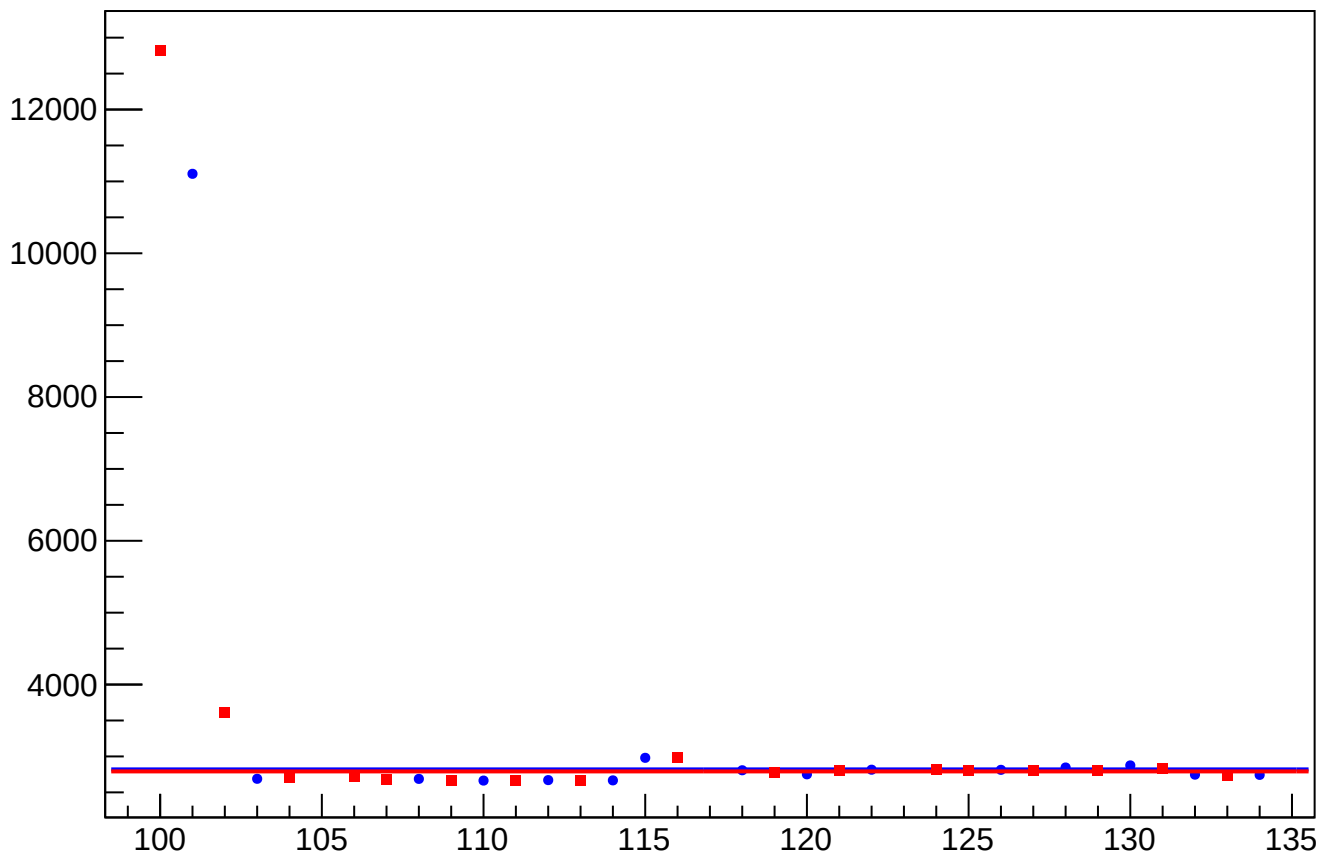
Right: 2428.552+/-792.721 χ^2/NDF : 25.1/31

In: 2568.430+/-1153.097 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2428.552+/-792.721 χ^2/NDF : 25.1/31

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2819.669+/-0.815 χ^2/NDF : 744040.3/14

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

Right Out: 2791.599+/-0.772 χ^2/NDF : 146742.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

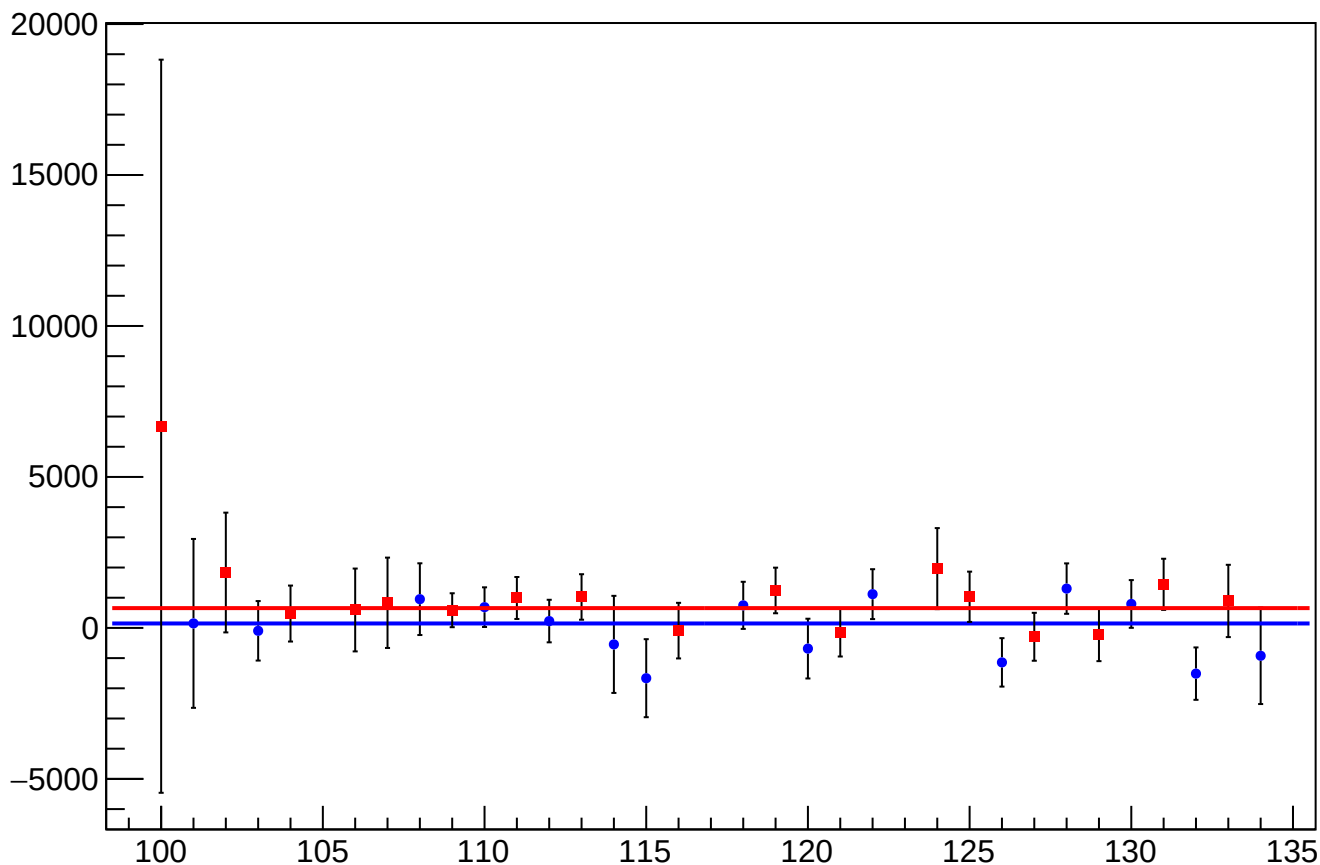
Right: 2804.865+/-0.561 χ^2/NDF : 891407.9/31

In: 2819.669+/-0.815 χ^2/NDF : 744040.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.865+/-0.561 χ^2/NDF : 891407.9/31

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 147.482 $\pm$ 238.195 χ^2/NDF : 15.3/14

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

Right Out: 655.997 $\pm$ 218.565 χ^2/NDF : 8.0/16

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

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

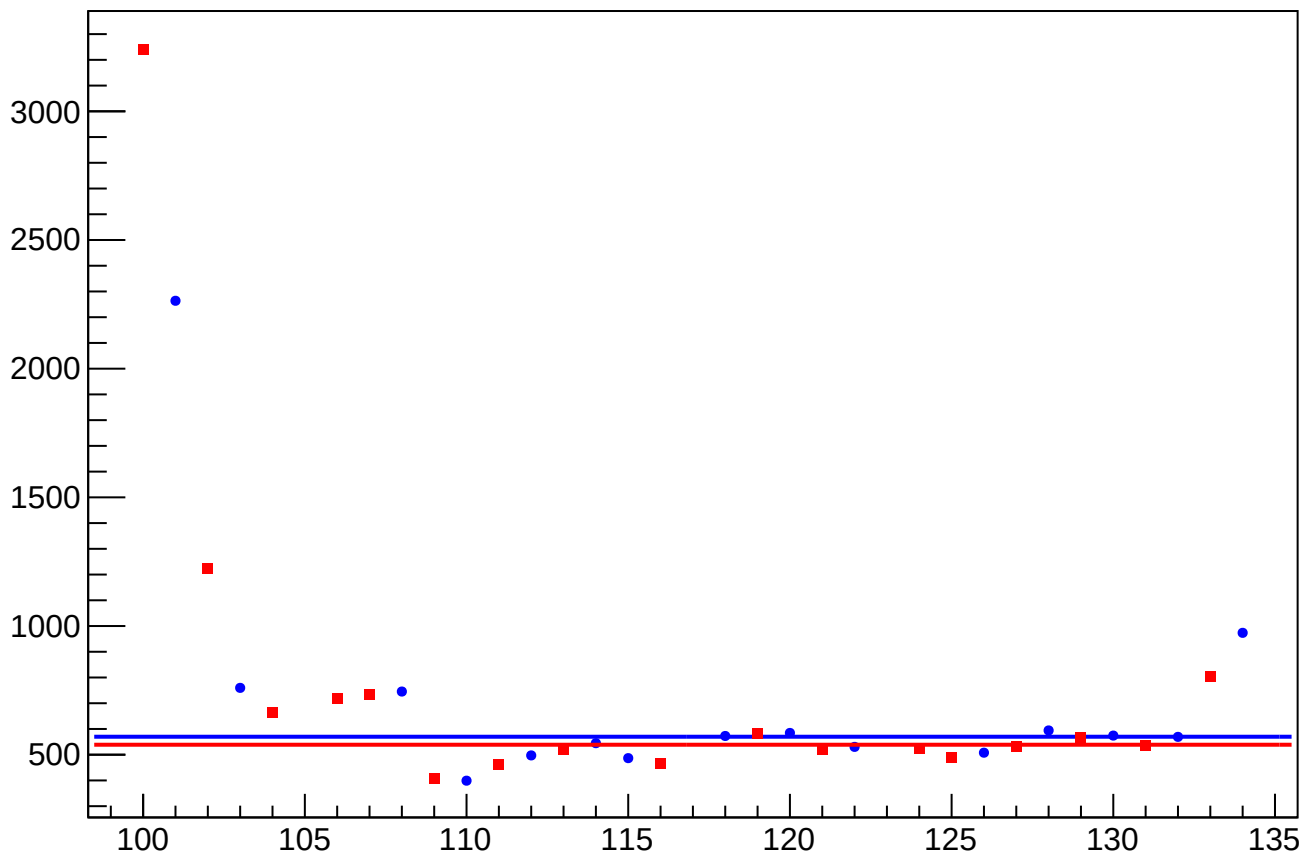
Right: 423.554 $\pm$ 161.042 χ^2/NDF : 25.8/31

In: 147.482 $\pm$ 238.195 χ^2/NDF : 15.3/14

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

All: 423.554 $\pm$ 161.042 χ^2/NDF : 25.8/31

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 569.842 $\pm$ 0.168 χ^2 /NDF: 1163241.2/14

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

Right Out: 538.734 $\pm$ 0.155 χ^2 /NDF: 707550.0/16

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

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

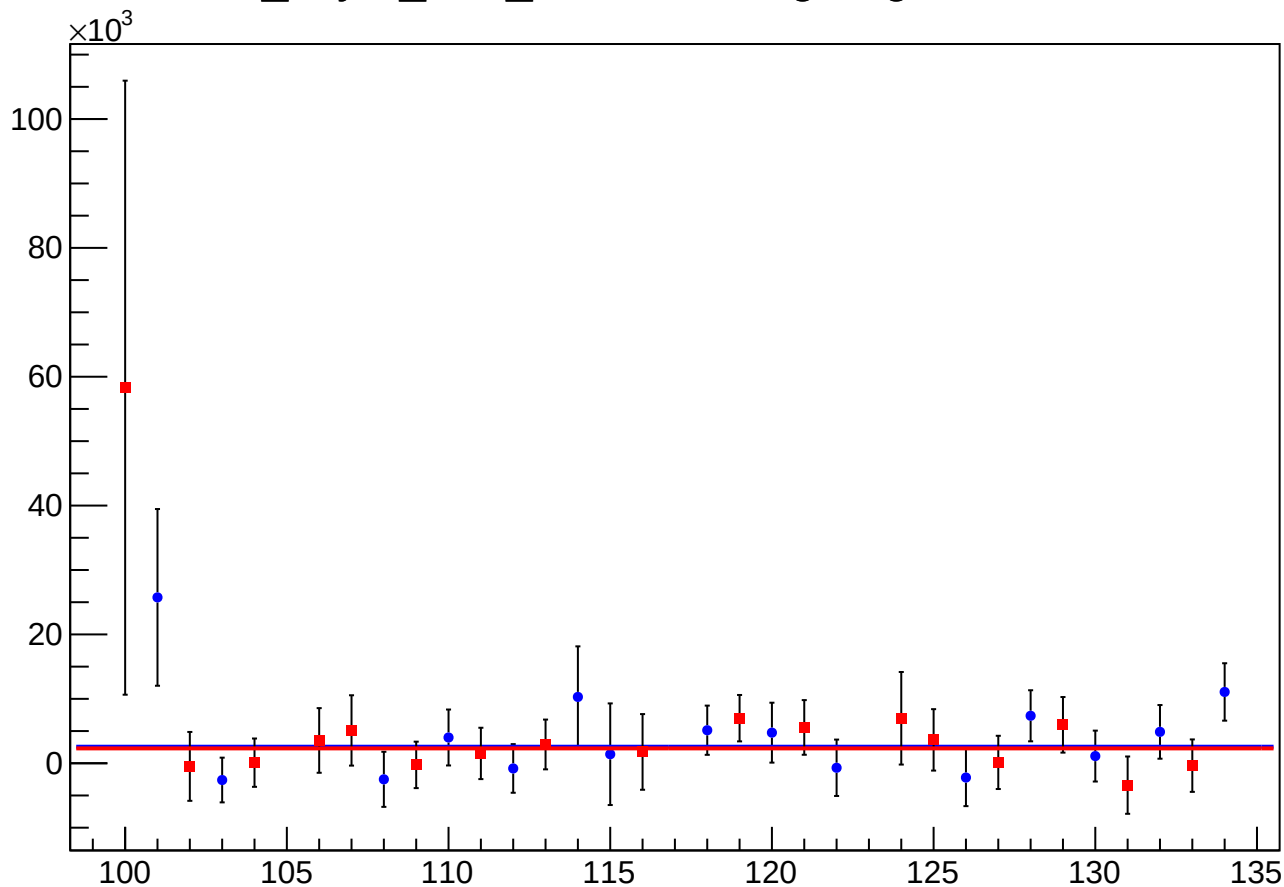
Right: 552.953 $\pm$ 0.114 χ^2 /NDF: 1889310.8/31

In: 569.842 $\pm$ 0.168 χ^2 /NDF:1163241.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 552.953 $\pm$ 0.114 χ^2 /NDF: 1889310.8/31

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2567.495+/-1153.098 χ^2/NDF : 16.3/14

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

Right Out: 2309.421+/-1094.378 χ^2/NDF : 8.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

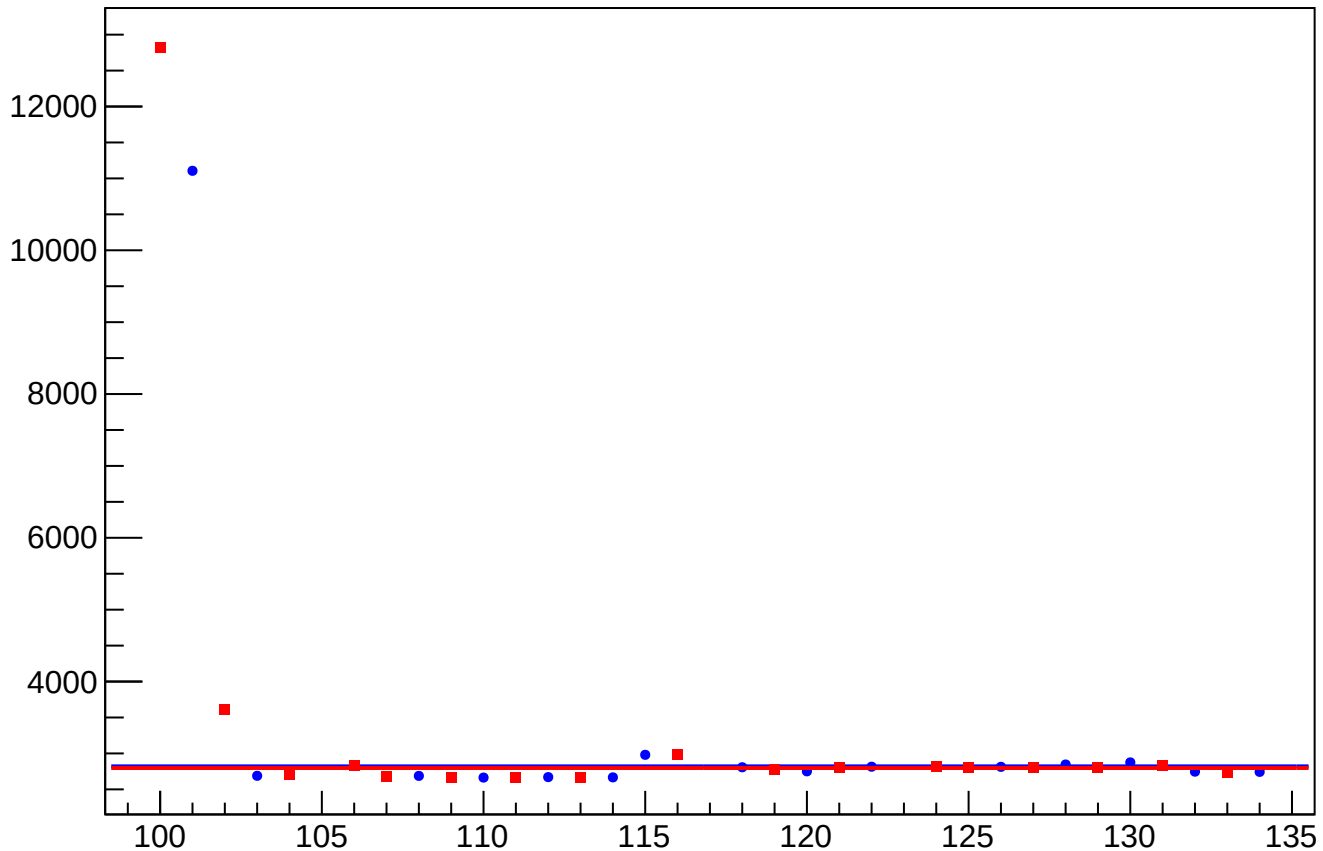
Right: 2431.720+/-793.789 χ^2/NDF : 25.1/31

In: 2567.495+/-1153.098 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2431.720+/-793.789 χ^2/NDF : 25.1/31

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2819.669+/-0.815 χ^2/NDF : 744039.4/14

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

Right Out: 2797.547+/-0.774 χ^2/NDF : 146427.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

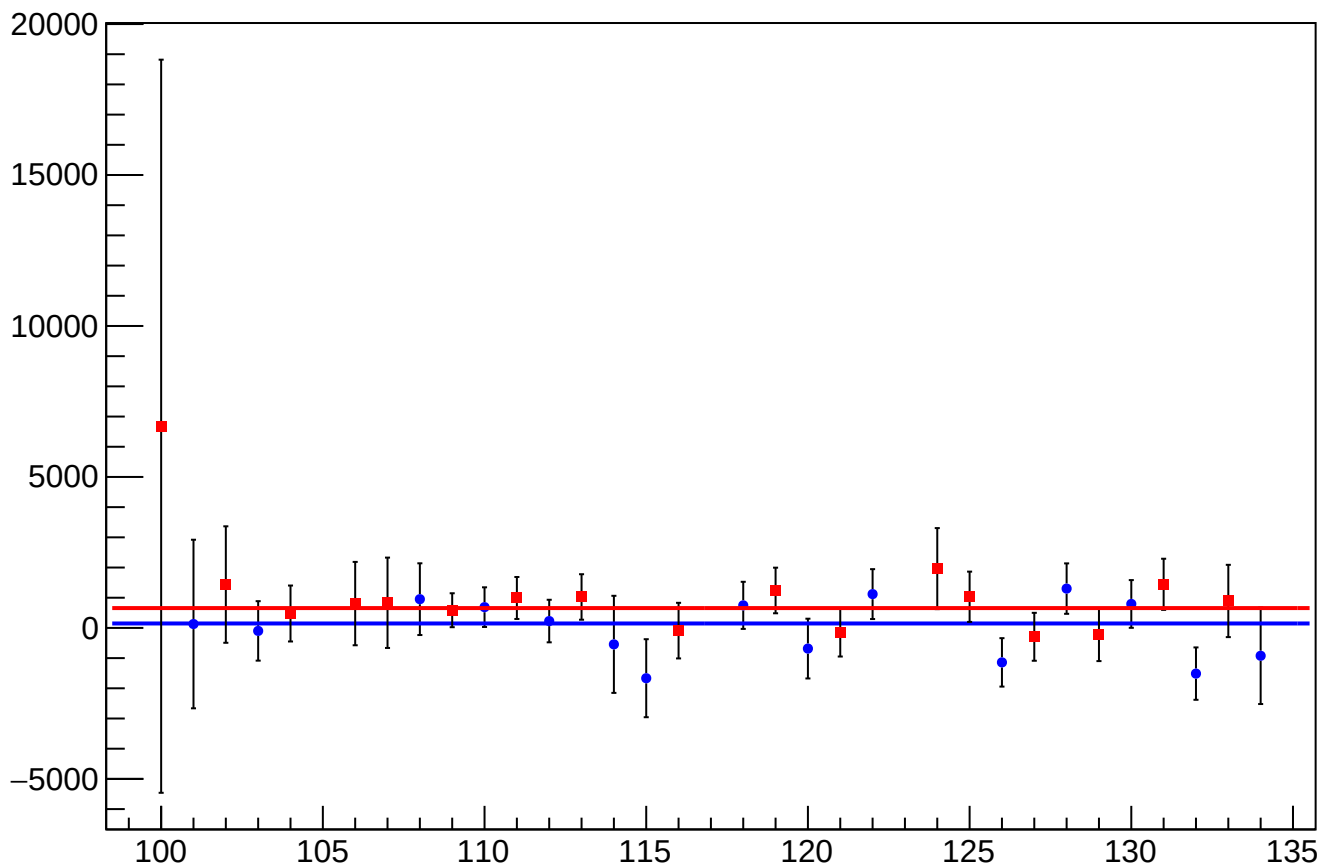
Right: 2808.030+/-0.561 χ^2/NDF : 890853.9/31

In: 2819.669+/-0.815 χ^2/NDF : 744039.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.030+/-0.561 χ^2/NDF : 890853.9/31

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.412+/-238.183 χ^2/NDF : 15.3/14

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

Right Out: 657.128+/-218.517 χ^2/NDF : 7.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

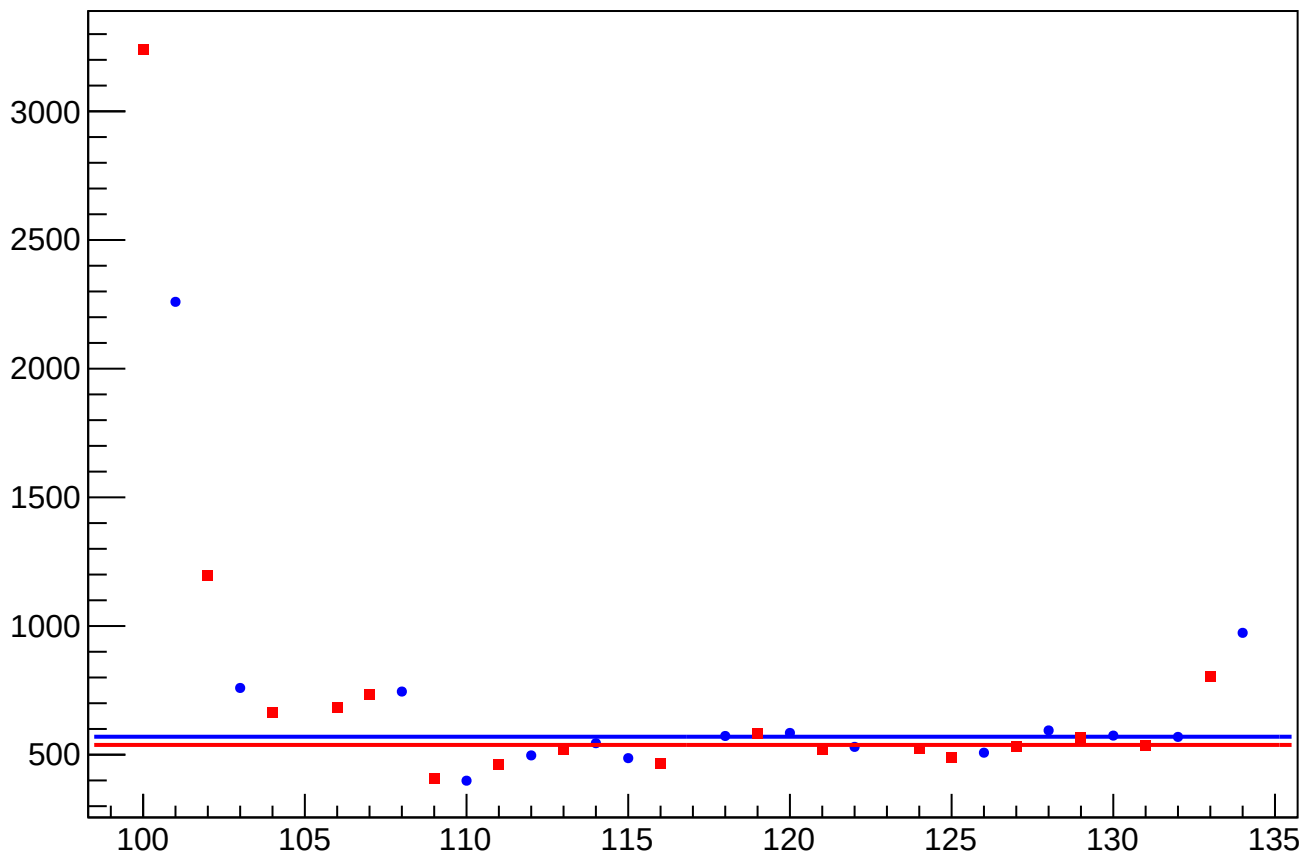
Right: 424.179+/-161.019 χ^2/NDF : 25.6/31

In: 147.412+/-238.183 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.179+/-161.019 χ^2/NDF : 25.6/31

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 569.842 ± 0.168 $\chi^2/\text{NDF}: 1162234.2/14$

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

Right Out: 537.973 ± 0.155 $\chi^2/\text{NDF}: 691312.6/16$

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

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

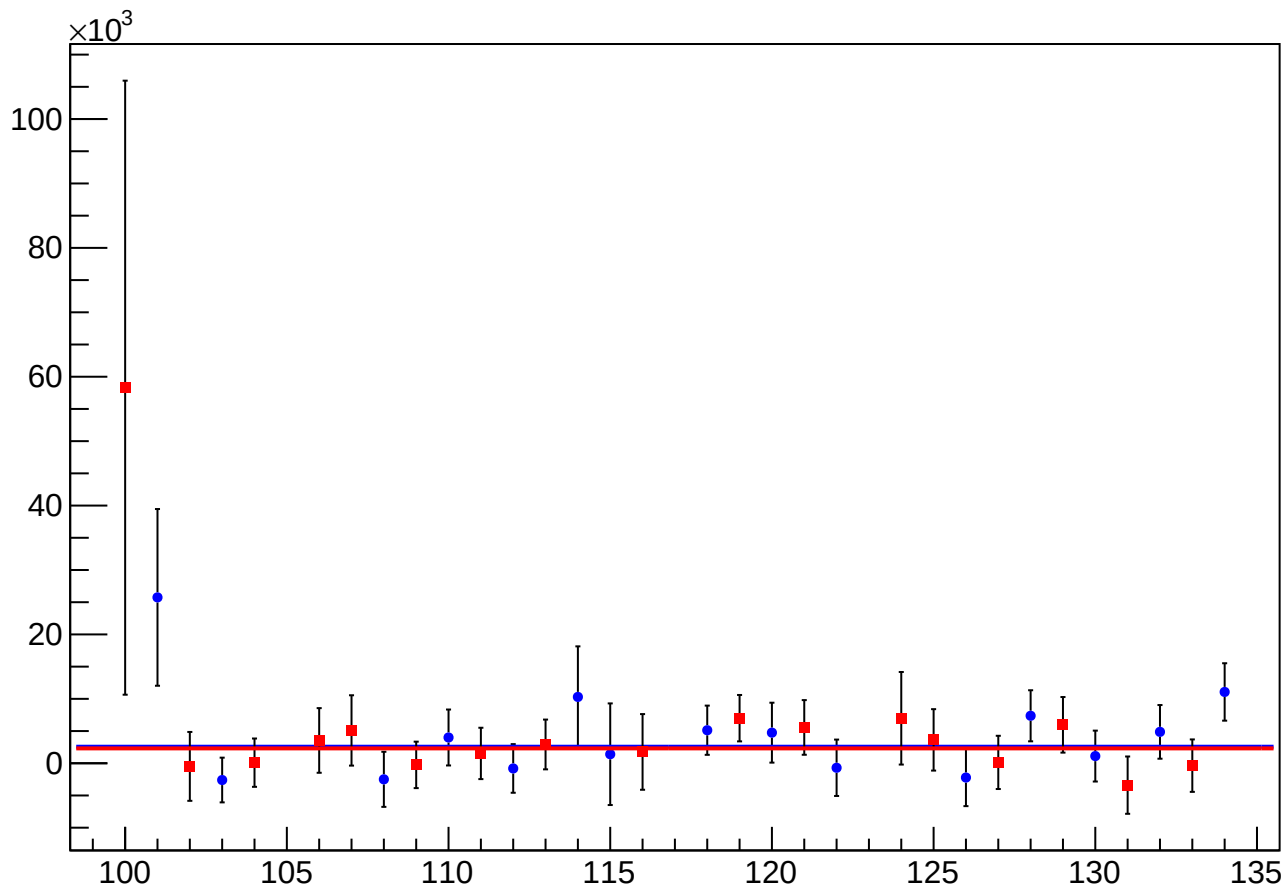
Right: 552.538 ± 0.114 $\chi^2/\text{NDF}: 1872988.4/31$

In: 569.842 ± 0.168 $\chi^2/\text{NDF}: 1162234.2/14$

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

All: 552.538 ± 0.114 $\chi^2/\text{NDF}: 1872988.4/31$

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2567.495+/-1153.098 χ^2/NDF : 16.3/14

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

Right Out: 2309.421+/-1094.378 χ^2/NDF : 8.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

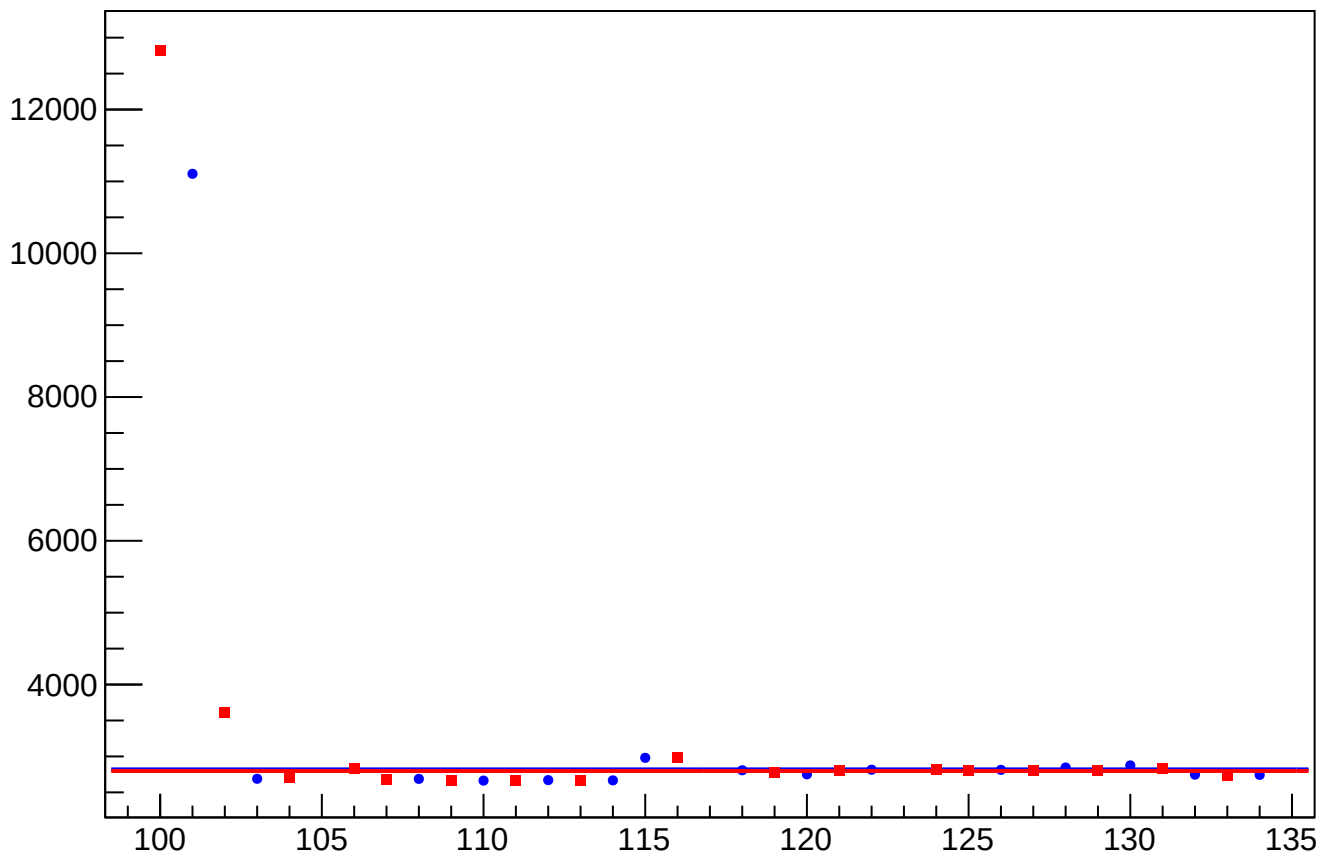
Right: 2431.720+/-793.789 χ^2/NDF : 25.1/31

In: 2567.495+/-1153.098 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2431.720+/-793.789 χ^2/NDF : 25.1/31

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2819.669+/-0.815 χ^2/NDF : 744039.4/14

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

Right Out: 2797.547+/-0.774 χ^2/NDF : 146427.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

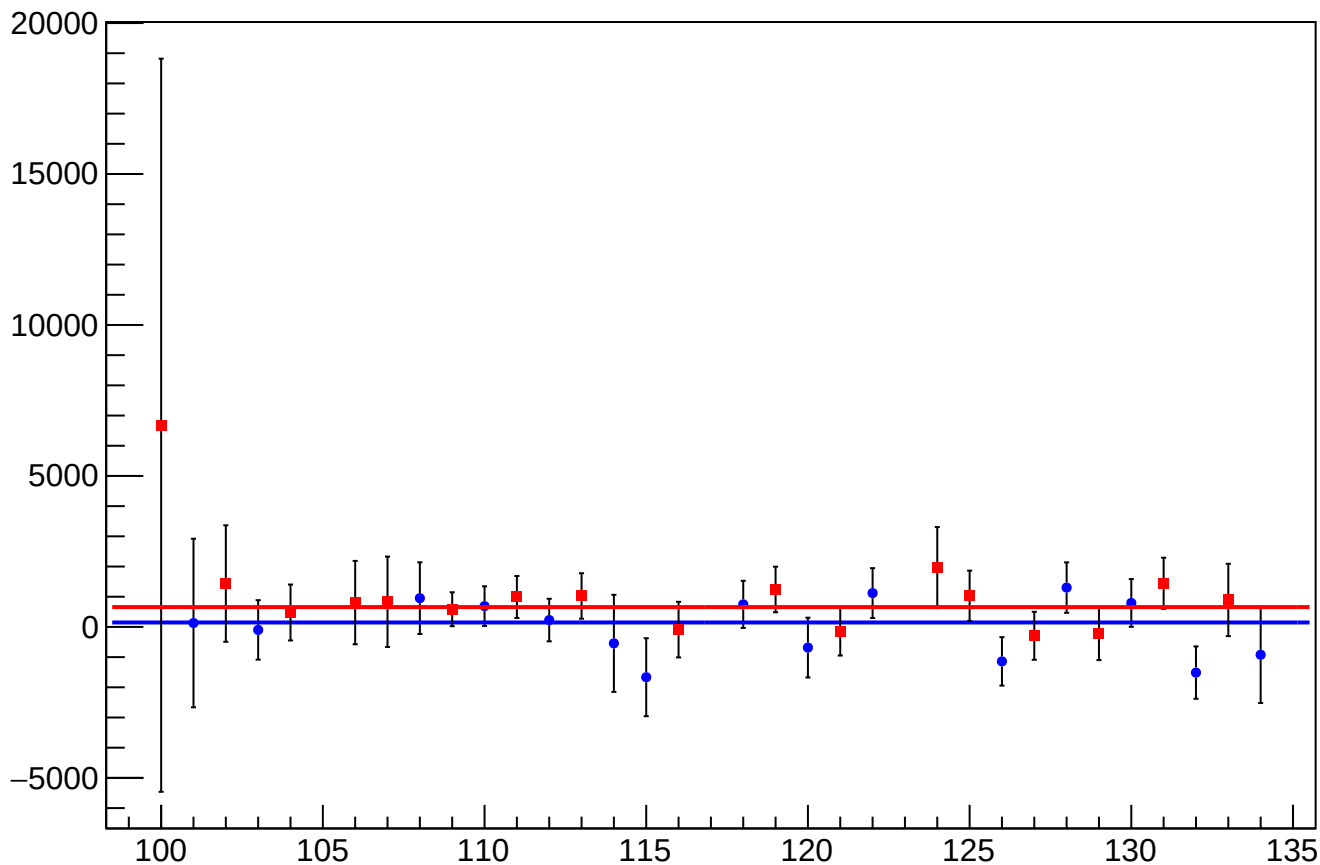
Right: 2808.030+/-0.561 χ^2/NDF : 890853.9/31

In: 2819.669+/-0.815 χ^2/NDF : 744039.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.030+/-0.561 χ^2/NDF : 890853.9/31

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.412 $\pm$ 238.183 χ^2 /NDF: 15.3/14

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

Right Out: 657.128 $\pm$ 218.517 χ^2 /NDF: 7.8/16

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

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

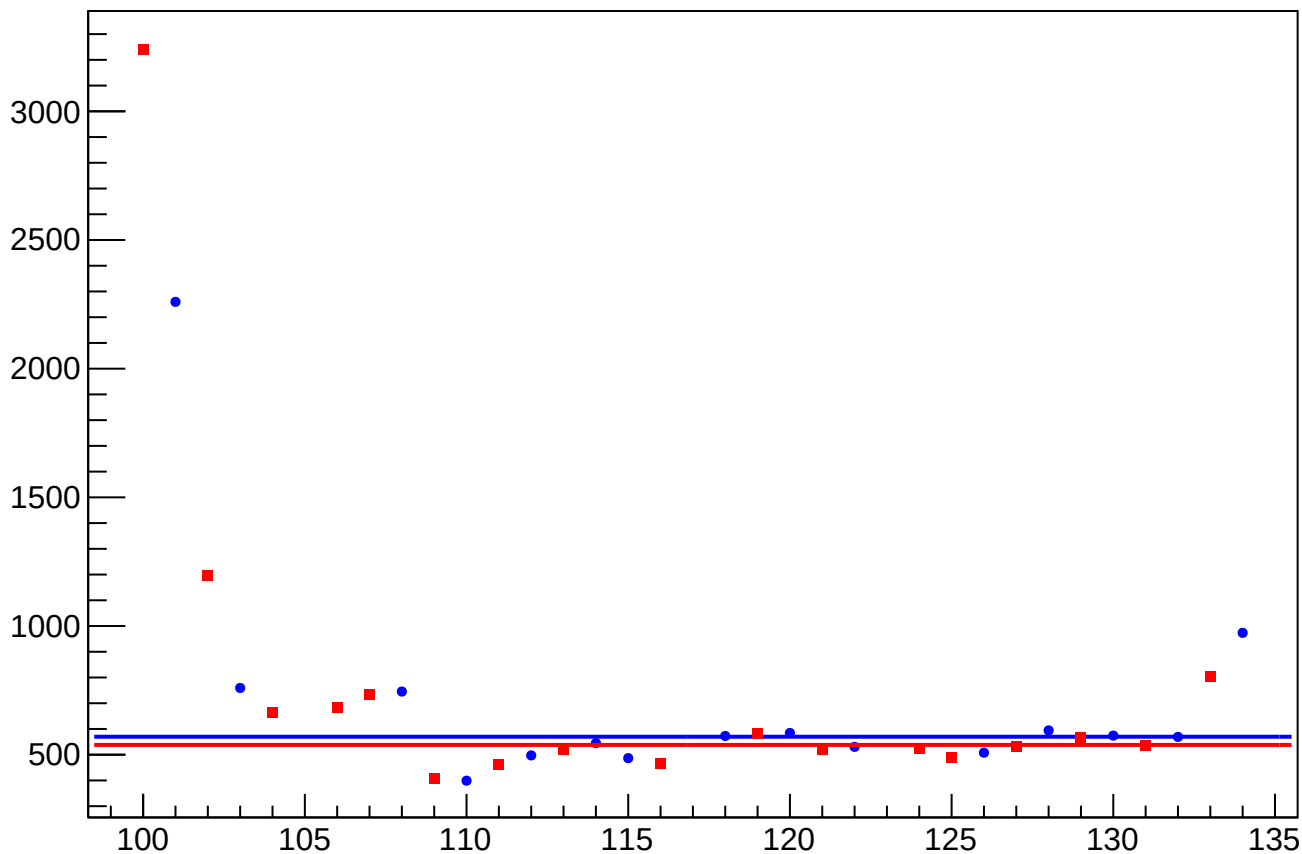
Right: 424.179 $\pm$ 161.019 χ^2 /NDF: 25.6/31

In: 147.412 $\pm$ 238.183 χ^2 /NDF:15.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 424.179 $\pm$ 161.019 χ^2 /NDF: 25.6/31

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 569.842 $\pm$ 0.168 χ^2 /NDF: 1162234.2/14

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

Right Out: 537.973 $\pm$ 0.155 χ^2 /NDF: 691312.6/16

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

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

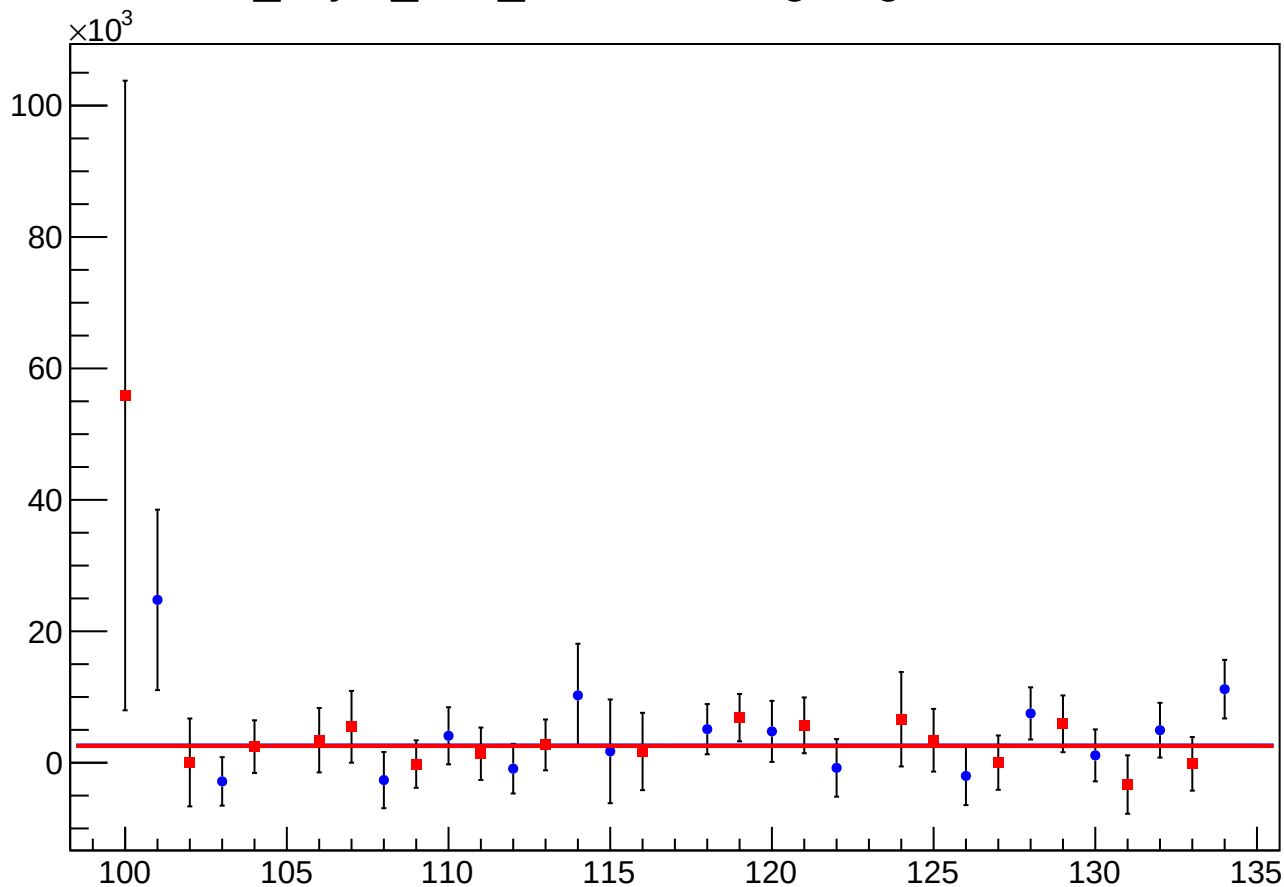
Right: 552.538 $\pm$ 0.114 χ^2 /NDF: 1872988.4/31

In: 569.842 $\pm$ 0.168 χ^2 /NDF:1162234.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 552.538 $\pm$ 0.114 χ^2 /NDF: 1872988.4/31

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2628.709+/-1161.302 χ^2/NDF : 16.2/14

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

Right Out: 2540.353+/-1108.280 χ^2/NDF : 7.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

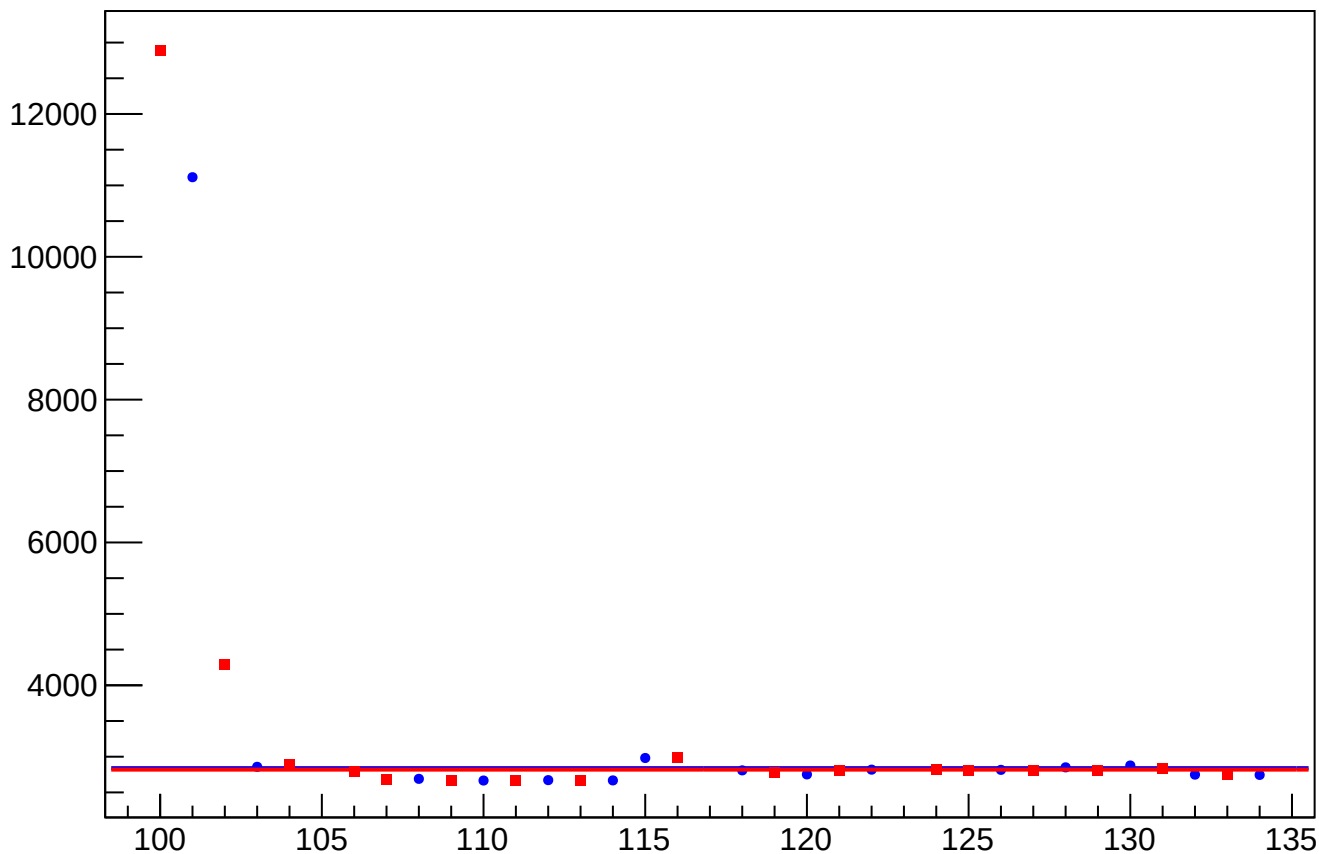
Right: 2582.468+/-801.762 χ^2/NDF : 24.1/31

In: 2628.709+/-1161.302 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2582.468+/-801.762 χ^2/NDF : 24.1/31

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2840.066+/-0.821 χ^2 /NDF: 740982.8/14

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

Right Out: 2819.011+/-0.784 χ^2 /NDF: 199987.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

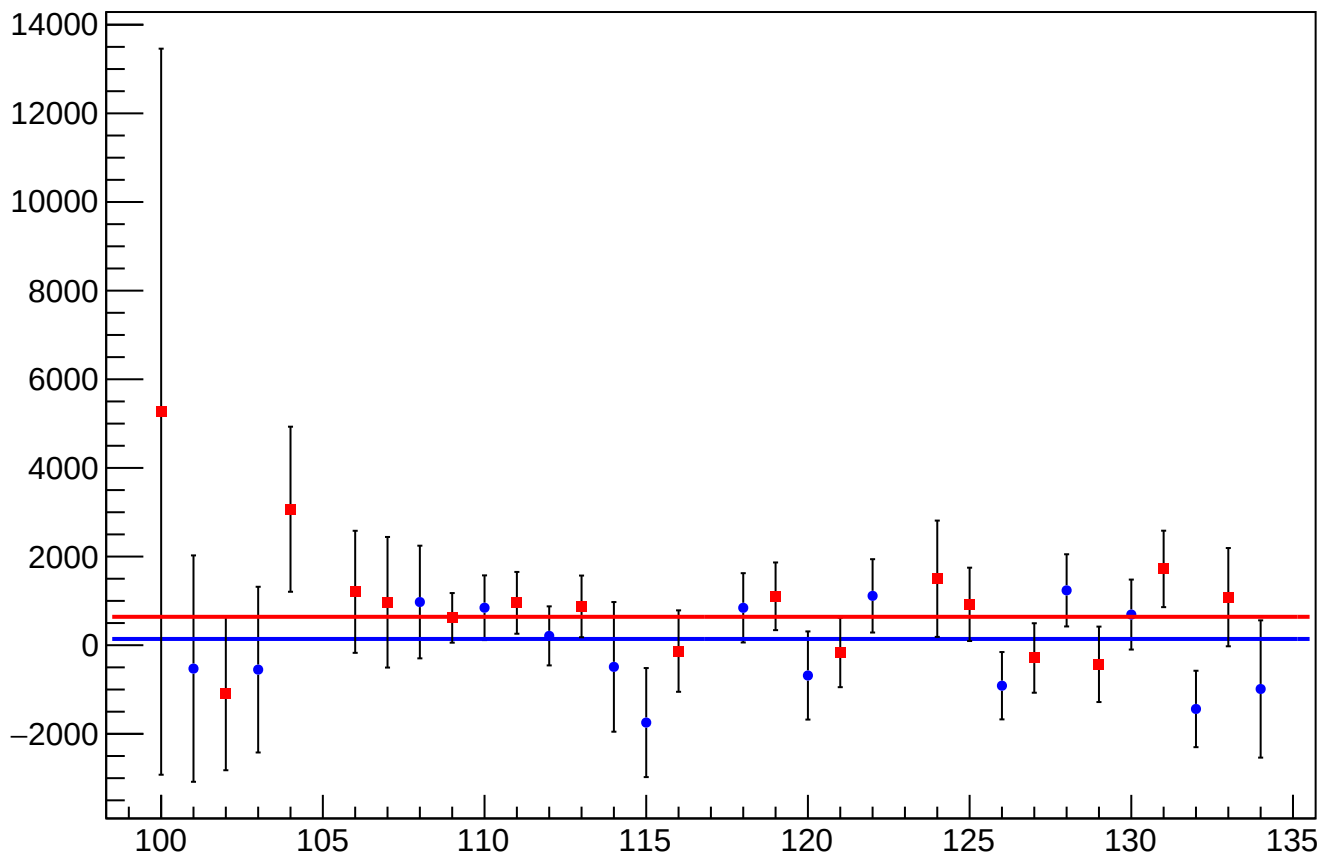
Right: 2829.047+/-0.567 χ^2 /NDF: 941314.5/31

In: 2840.066+/-0.821 χ^2 /NDF:740982.8/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2829.047+/-0.567 χ^2 /NDF: 941314.5/31

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 141.088+/-242.317 χ^2 /NDF: 15.1/14

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

Right Out: 640.680+/-219.928 χ^2 /NDF: 10.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

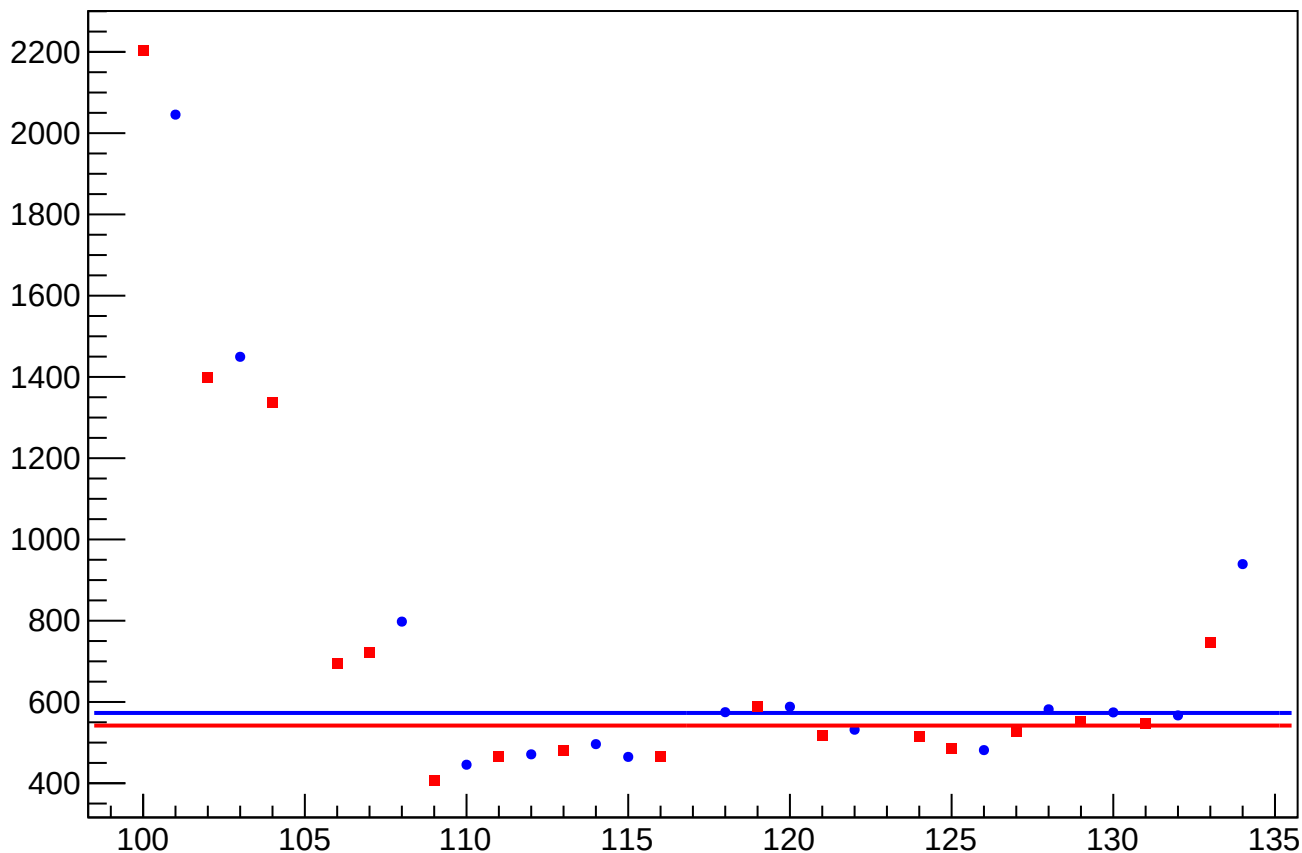
Right: 415.025+/-162.854 χ^2 /NDF: 28.4/31

In: 141.088+/-242.317 χ^2 /NDF:15.1/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 415.025+/-162.854 χ^2 /NDF: 28.4/31

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 572.986+/-0.171 χ^2/NDF : 1442480.5/14

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

Right Out: 541.953+/-0.156 χ^2/NDF : 1246190.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

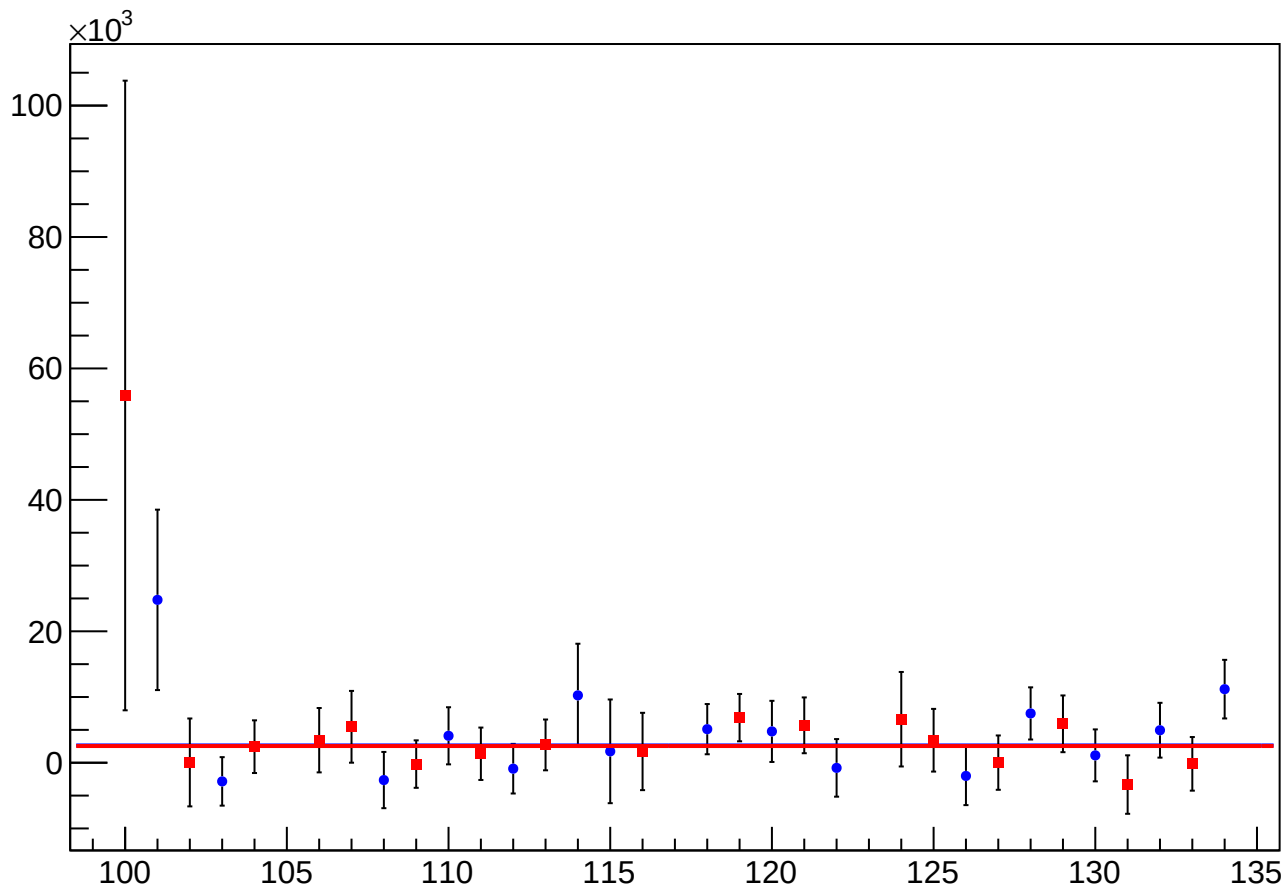
Right: 555.970+/-0.115 χ^2/NDF : 2706657.1/31

In: 572.986+/-0.171 χ^2/NDF :1442480.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 555.970+/-0.115 χ^2/NDF : 2706657.1/31

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2628.709+/-1161.302 χ^2/NDF : 16.2/14

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

Right Out: 2540.351+/-1108.280 χ^2/NDF : 7.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

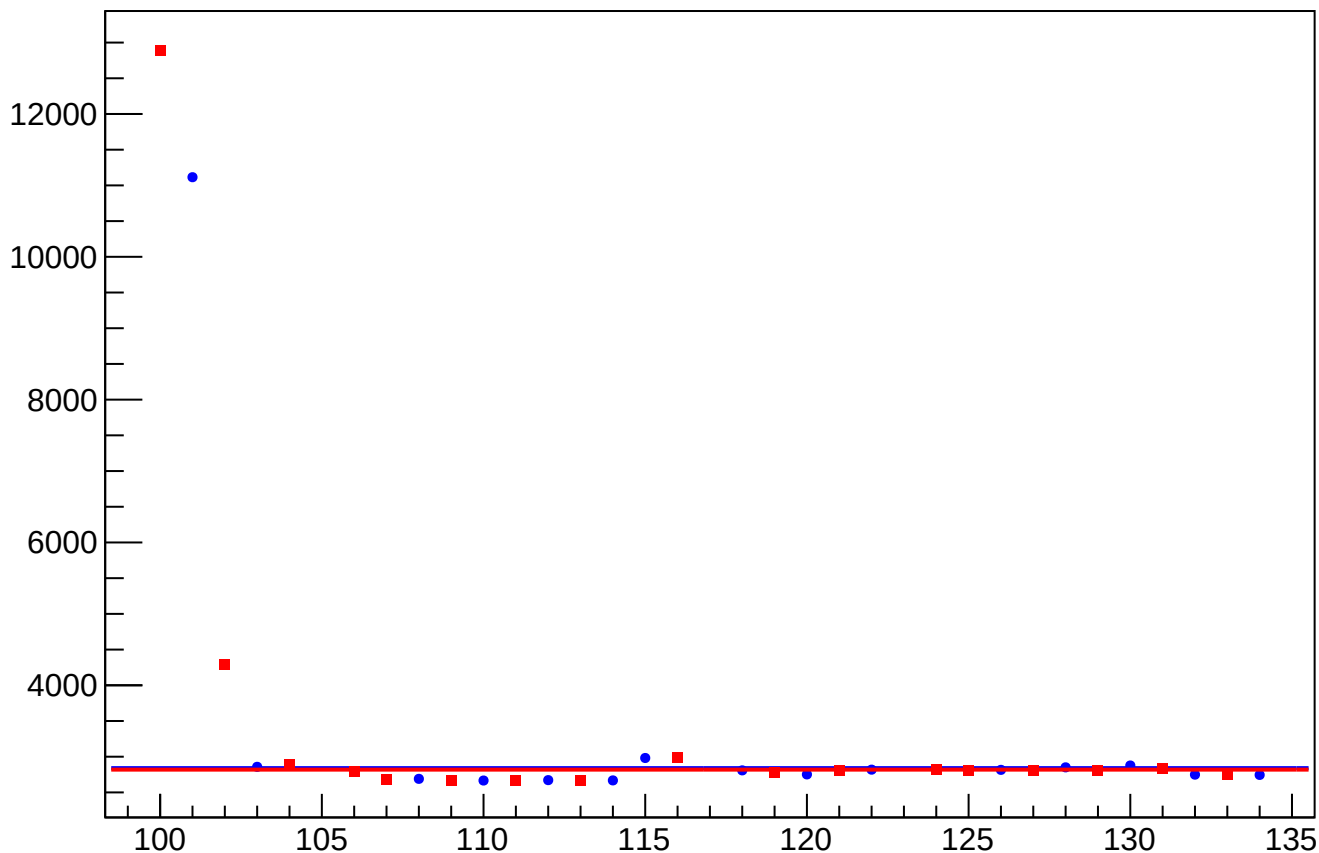
Right: 2582.467+/-801.761 χ^2/NDF : 24.1/31

In: 2628.709+/-1161.302 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2582.467+/-801.761 χ^2/NDF : 24.1/31

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2840.066+/-0.821 χ^2/NDF : 740982.8/14

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

Right Out: 2819.011+/-0.784 χ^2/NDF : 199987.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

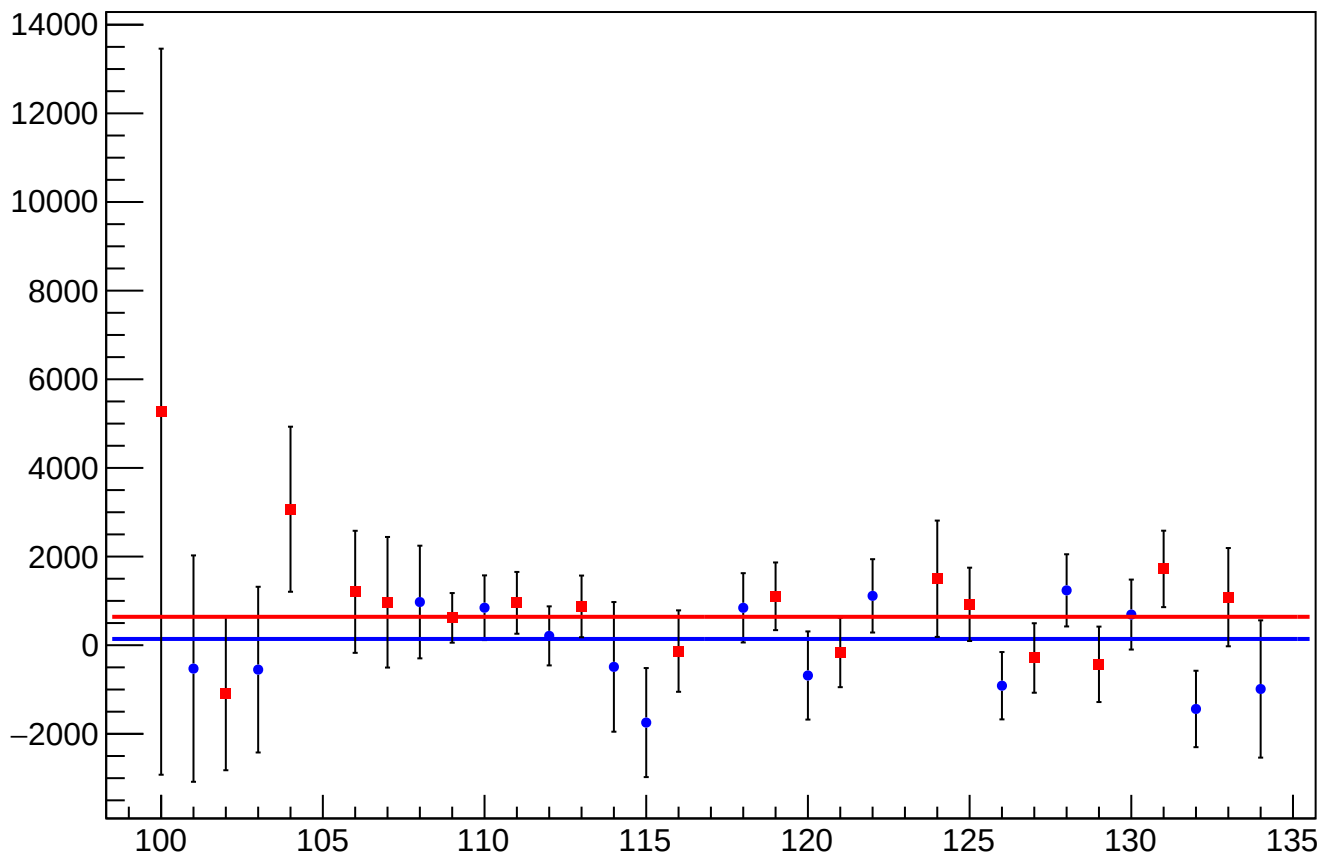
Right: 2829.047+/-0.567 χ^2/NDF : 941314.3/31

In: 2840.066+/-0.821 χ^2/NDF : 740982.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2829.047+/-0.567 χ^2/NDF : 941314.3/31

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 141.088+/-242.317 χ^2/NDF : 15.1/14

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

Right Out: 640.680+/-219.928 χ^2/NDF : 10.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

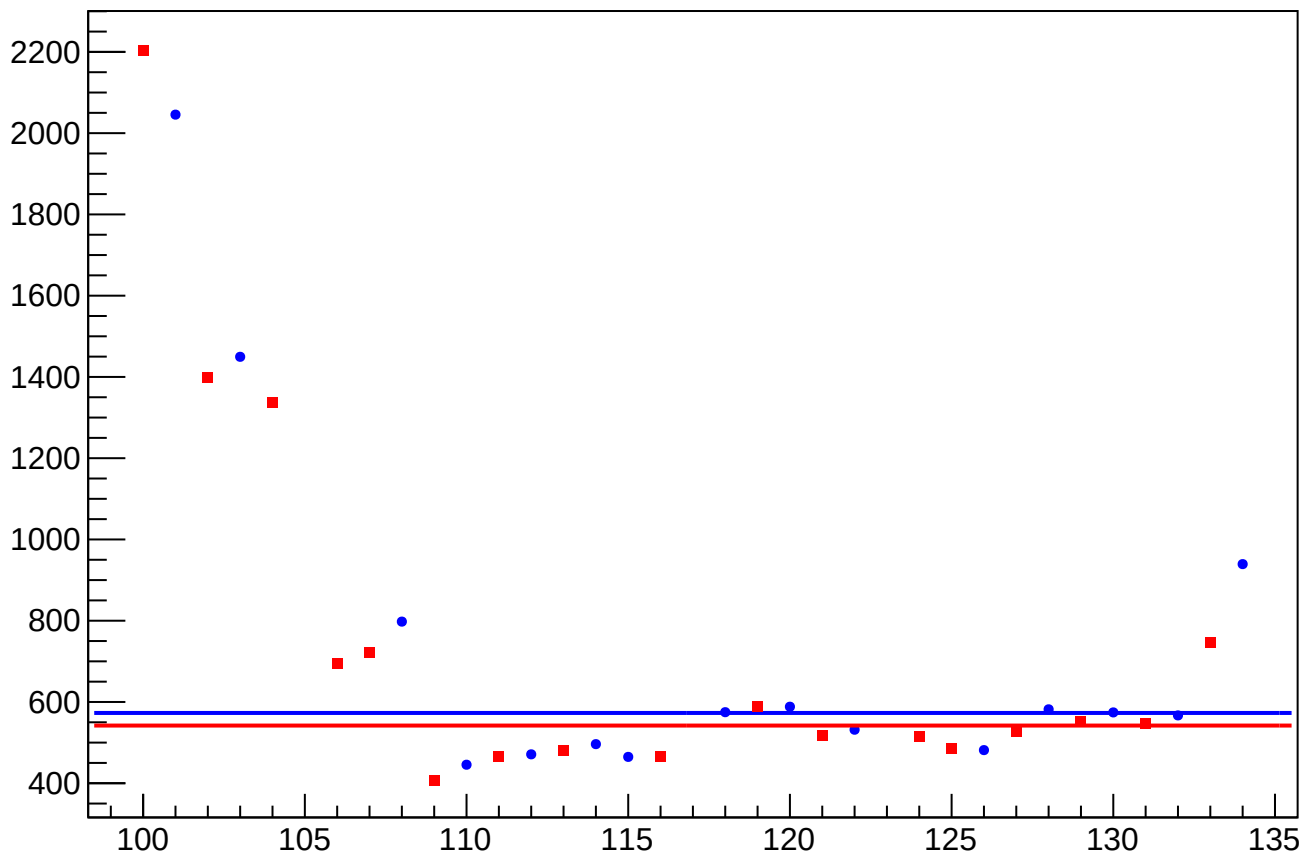
Right: 415.026+/-162.854 χ^2/NDF : 28.4/31

In: 141.088+/-242.317 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.026+/-162.854 χ^2/NDF : 28.4/31

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 572.986+/-0.171 χ^2/NDF : 1442474.2/14

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

Right Out: 541.953+/-0.156 χ^2/NDF : 1246186.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

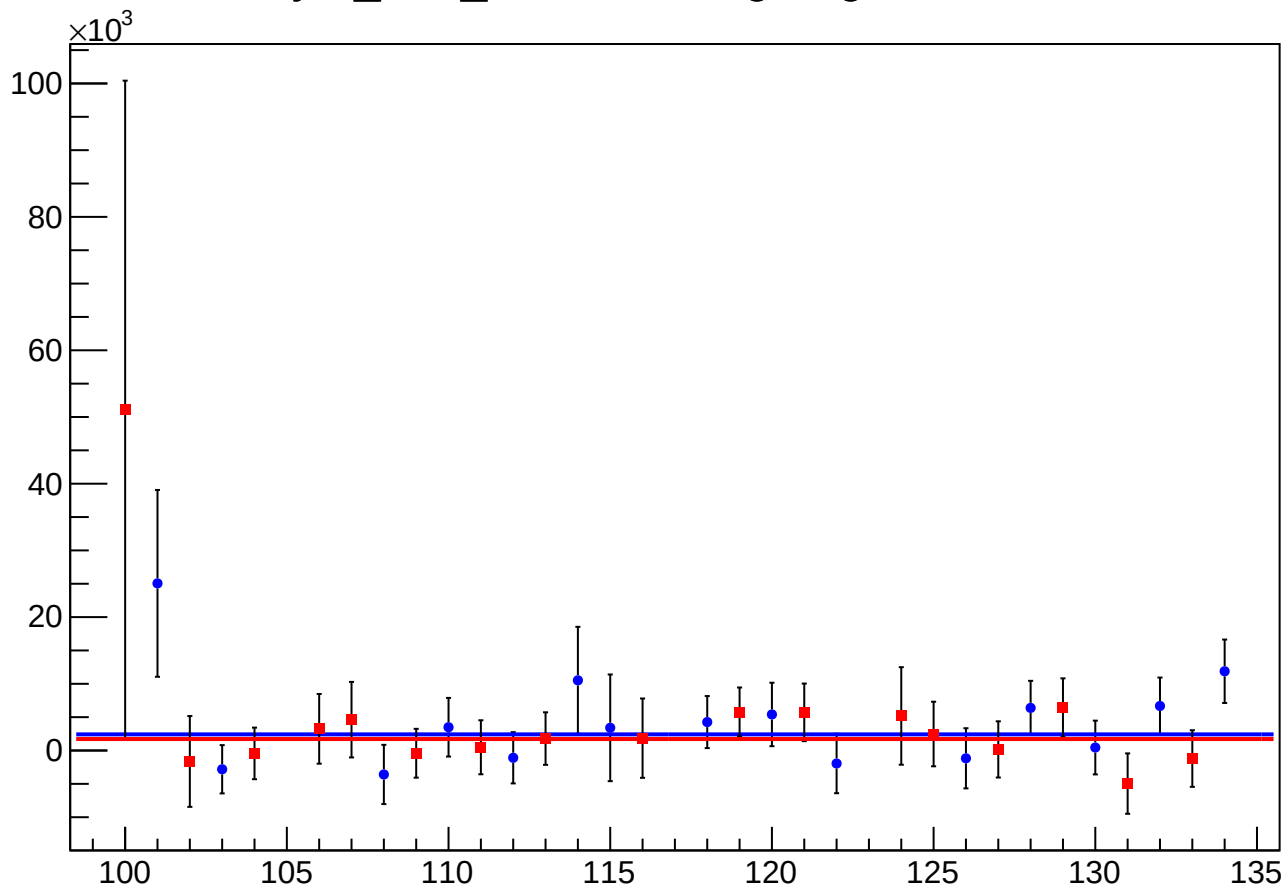
Right: 555.970+/-0.115 χ^2/NDF : 2706647.5/31

In: 572.986+/-0.171 χ^2/NDF :1442474.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 555.970+/-0.115 χ^2/NDF : 2706647.5/31

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2419.468+/-1183.380 χ^2/NDF : 16.8/14

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

Right Out: 1720.301+/-1127.881 χ^2/NDF : 8.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

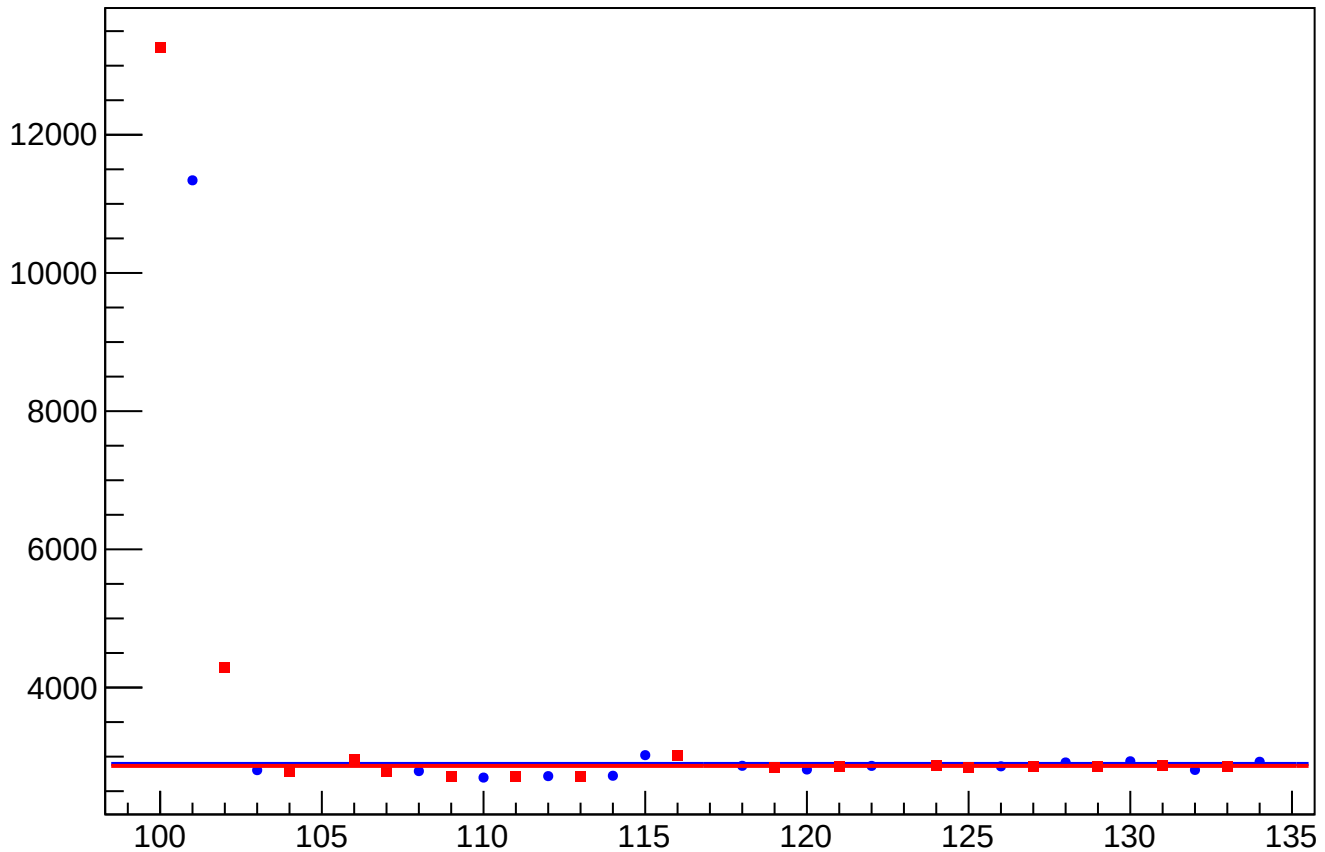
Right: 2053.105+/-816.448 χ^2/NDF : 25.6/31

In: 2419.468+/-1183.380 χ^2/NDF : 16.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.105+/-816.448 χ^2/NDF : 25.6/31

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2894.130+/-0.837 χ^2/NDF : 741450.8/14

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

Right Out: 2865.801+/-0.798 χ^2/NDF : 190255.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

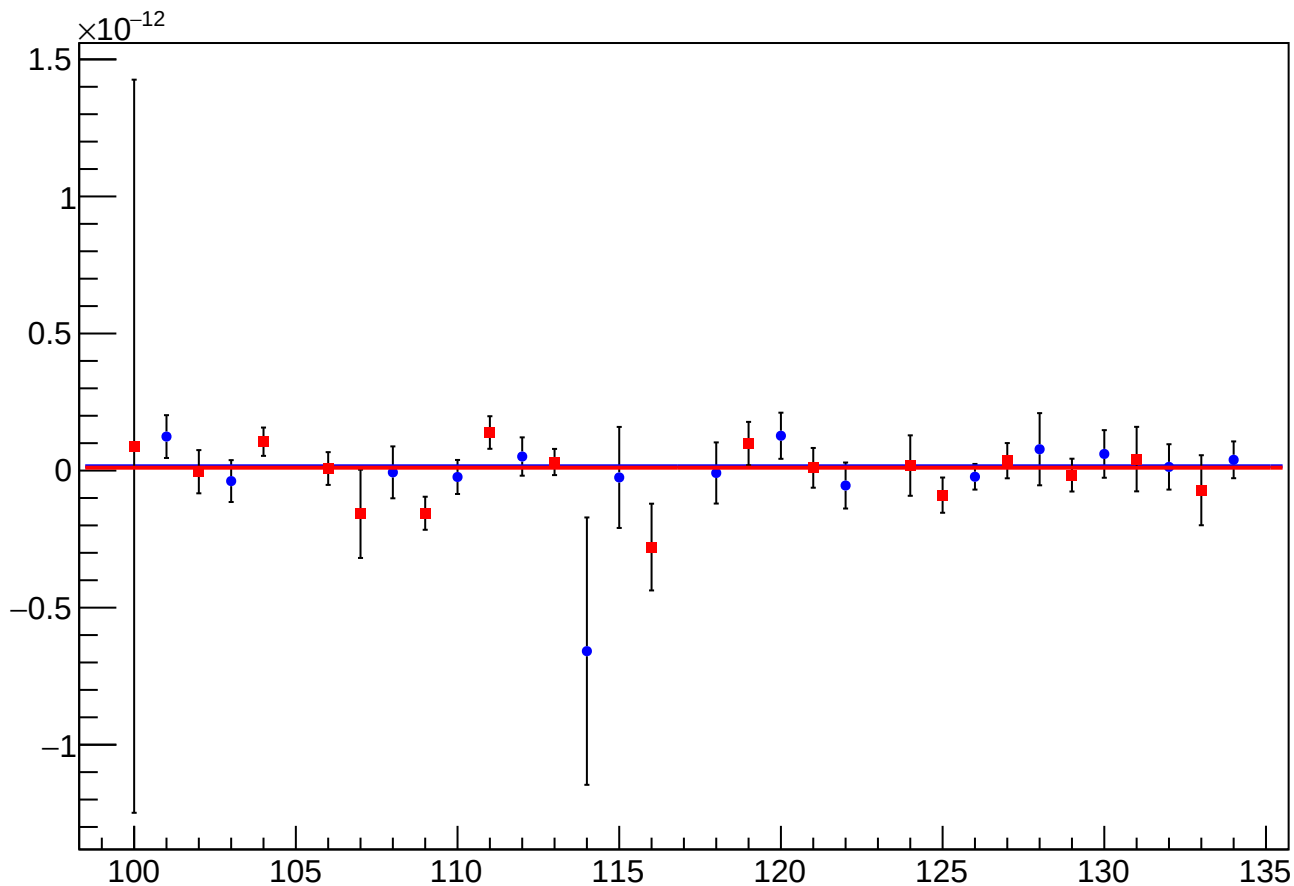
Right: 2879.286+/-0.577 χ^2/NDF : 932307.3/31

In: 2894.130+/-0.837 χ^2/NDF : 741450.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2879.286+/-0.577 χ^2/NDF : 932307.3/31

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.9/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 24.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

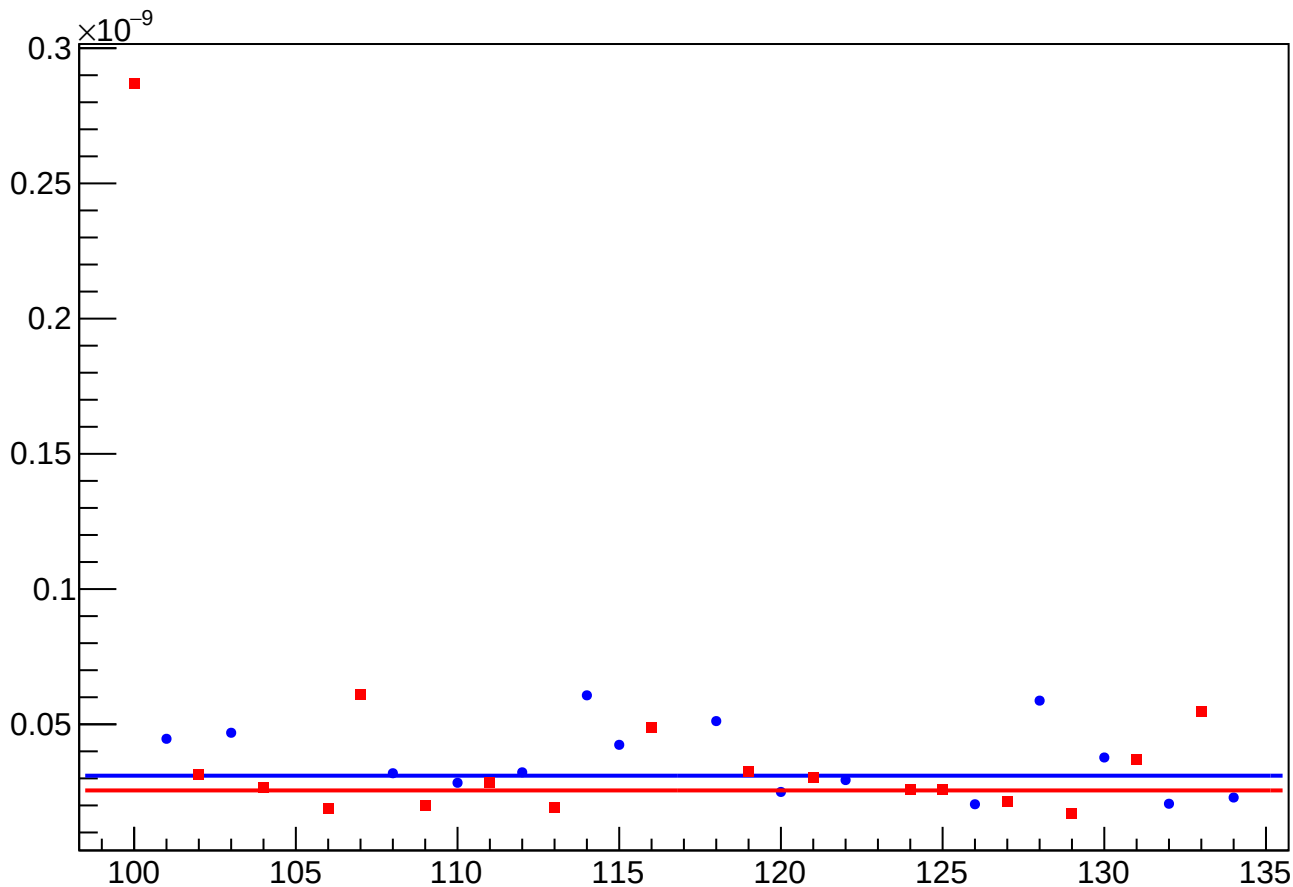
Right: 0.000+/-0.000 χ^2/NDF : 33.7/31

In: 0.000+/-0.000 χ^2/NDF : 8.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.7/31

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 506503.3/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 508453.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

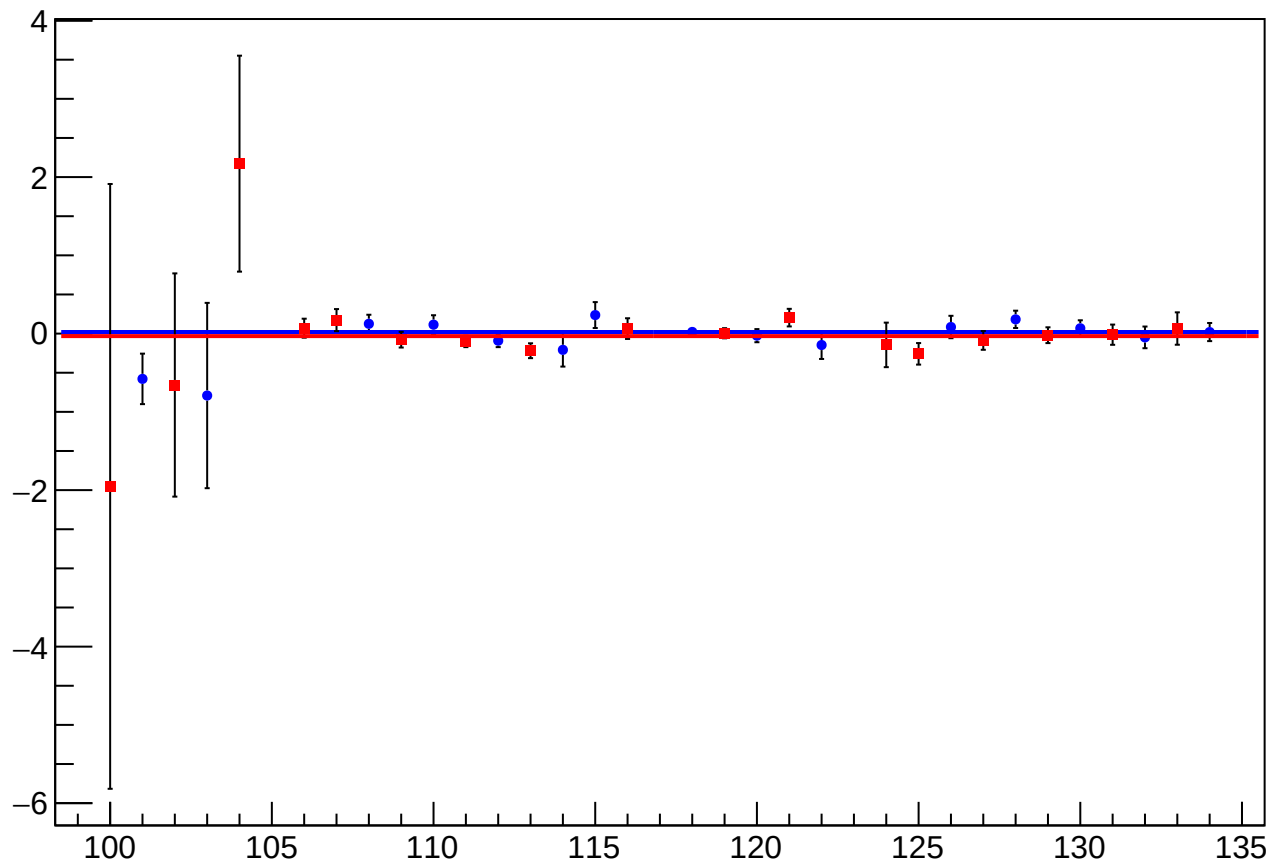
Right: 0.000+/-0.000 χ^2/NDF : 1095123.9/31

In: 0.000+/-0.000 χ^2/NDF : 506503.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1095123.9/31

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 14.0/14

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

Right Out: -0.032+/-0.029 χ^2/NDF : 19.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

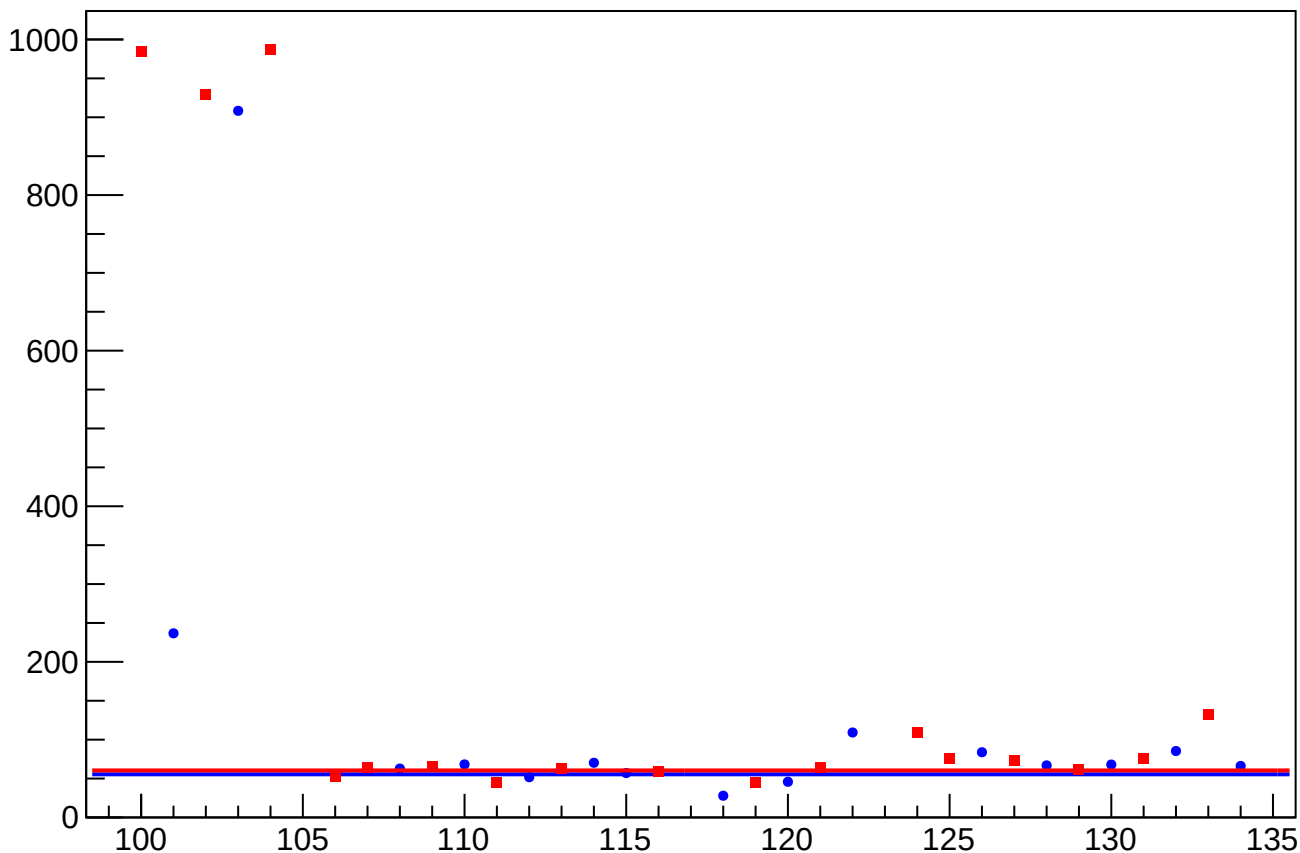
Right: -0.005+/-0.020 χ^2/NDF : 35.0/31

In: 0.020+/-0.028 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.020 χ^2/NDF : 35.0/31

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.452+/-0.020 χ^2/NDF : 2702120.2/14

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

Right Out: 60.461+/-0.020 χ^2/NDF : 2370940.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

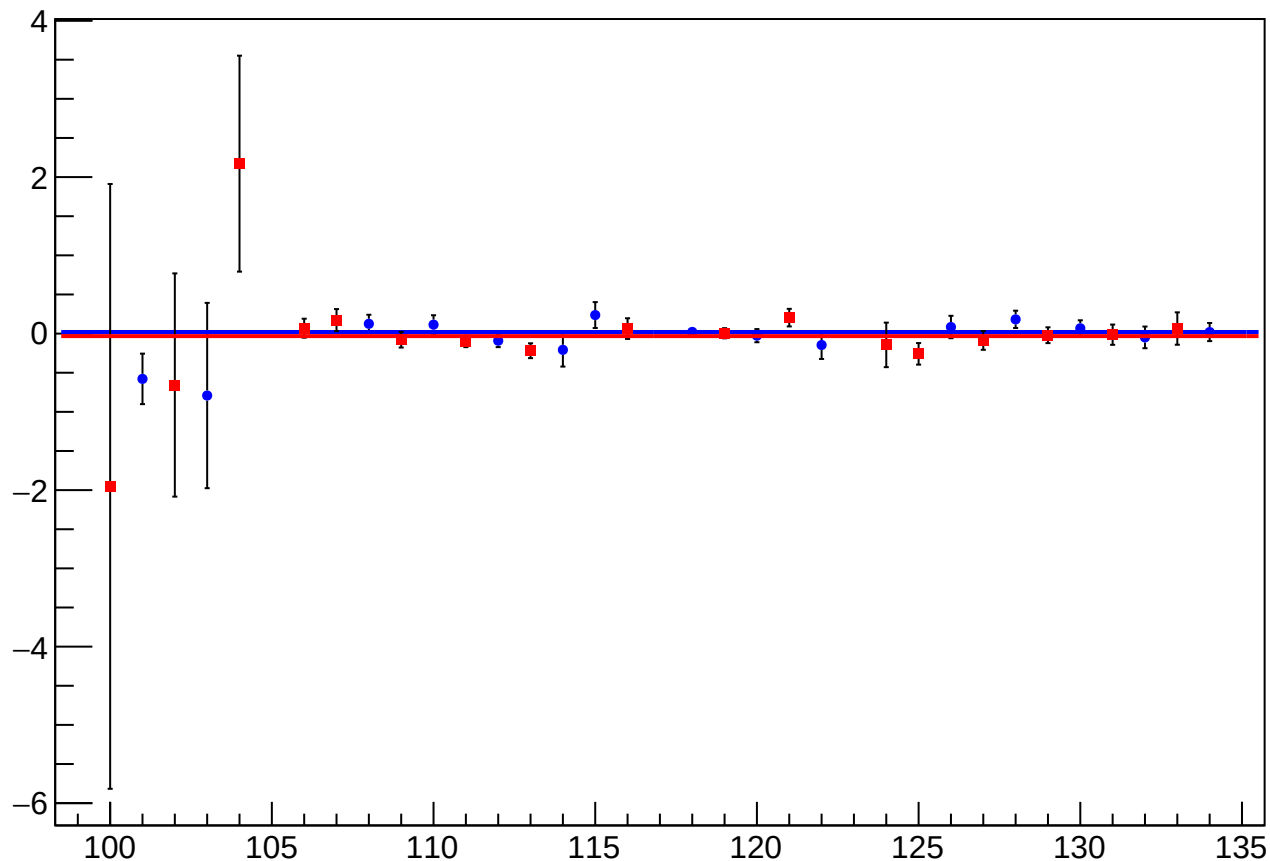
Right: 57.920+/-0.014 χ^2/NDF : 5103826.7/31

In: 55.452+/-0.020 χ^2/NDF : 2702120.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.920+/-0.014 χ^2/NDF : 5103826.7/31

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 14.0/14

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

Right Out: -0.032+/-0.029 χ^2/NDF : 19.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

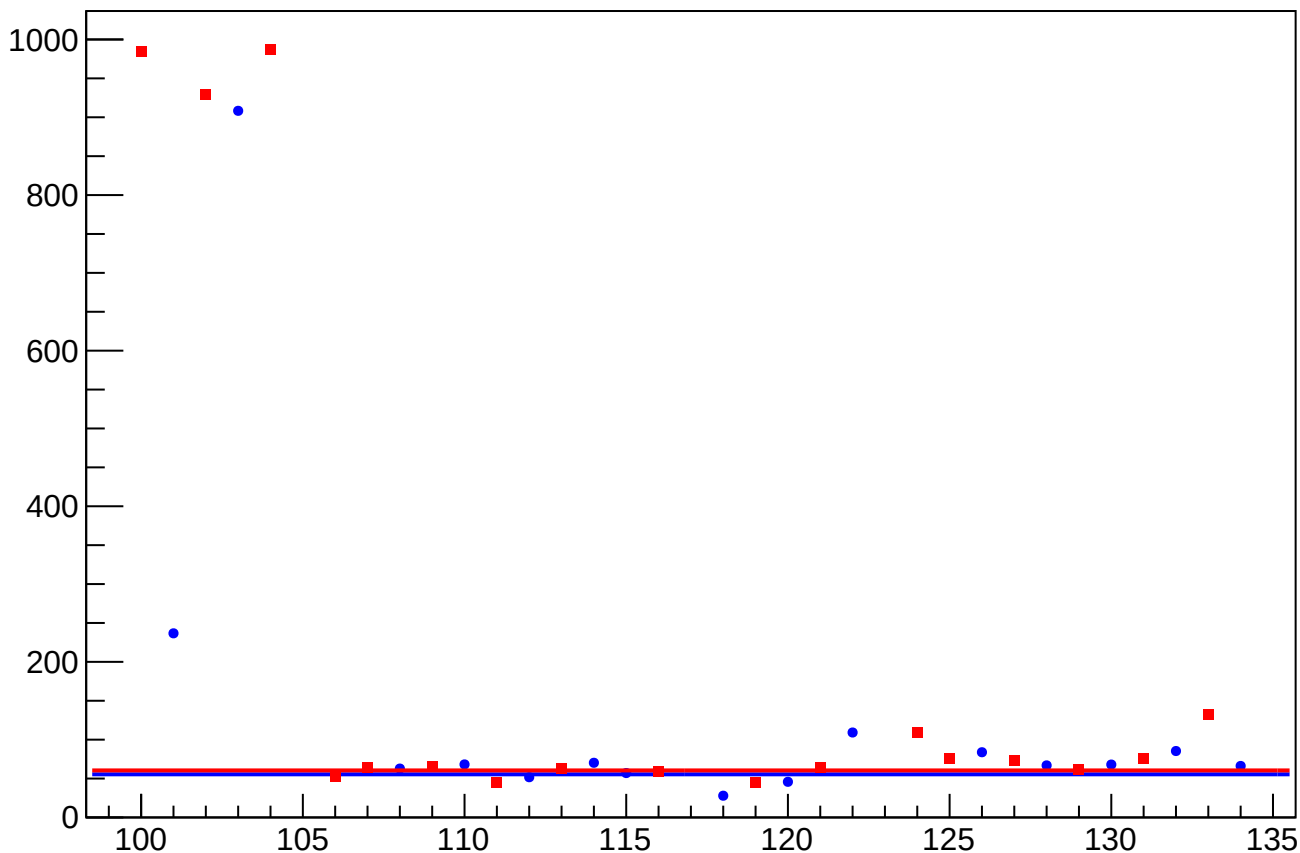
Right: -0.005+/-0.020 χ^2/NDF : 35.0/31

In: 0.020+/-0.028 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.020 χ^2/NDF : 35.0/31

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.452+/-0.020 χ^2/NDF : 2702120.2/14

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

Right Out: 60.461+/-0.020 χ^2/NDF : 2370940.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

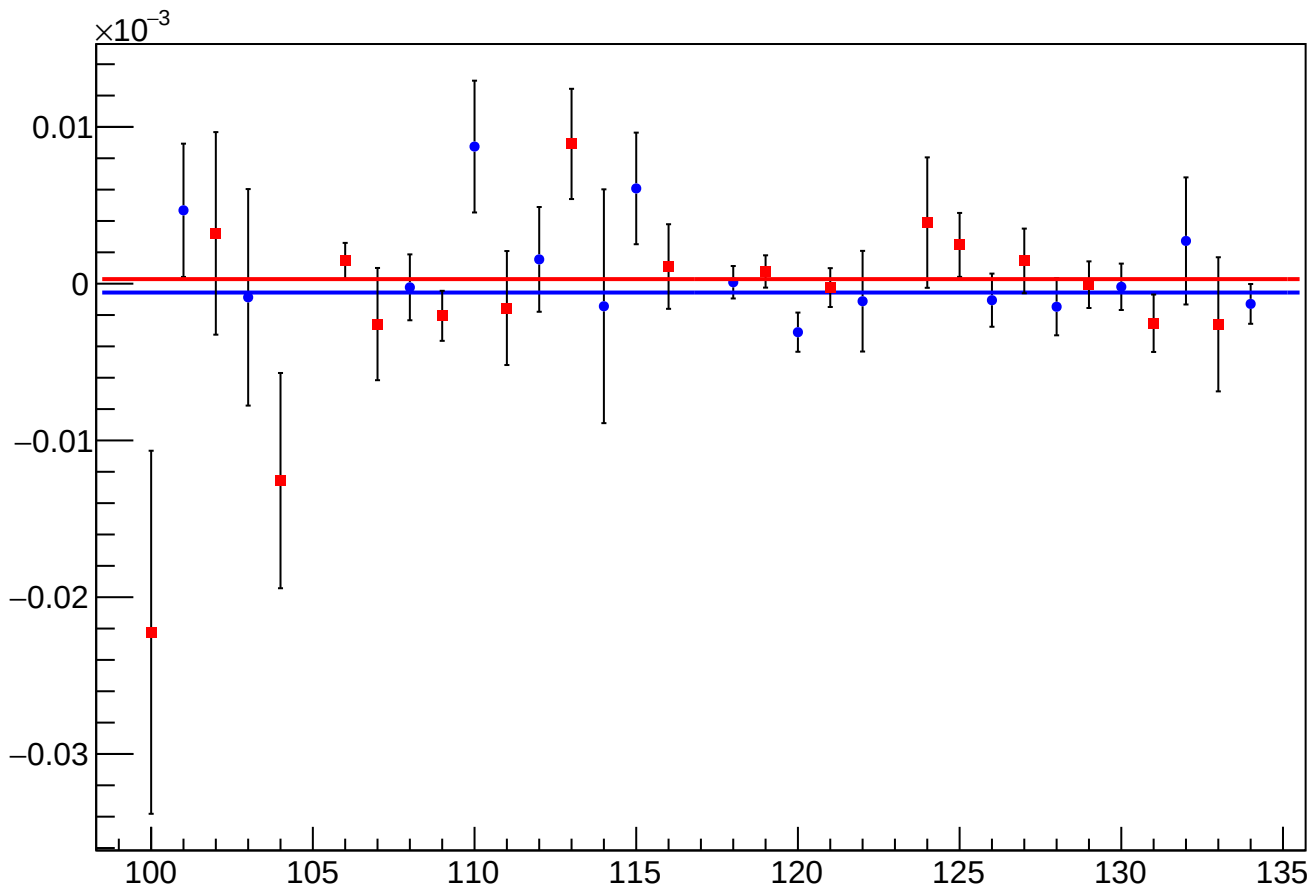
Right: 57.920+/-0.014 χ^2/NDF : 5103826.7/31

In: 55.452+/-0.020 χ^2/NDF : 2702120.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.920+/-0.014 χ^2/NDF : 5103826.7/31

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.3/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 23.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

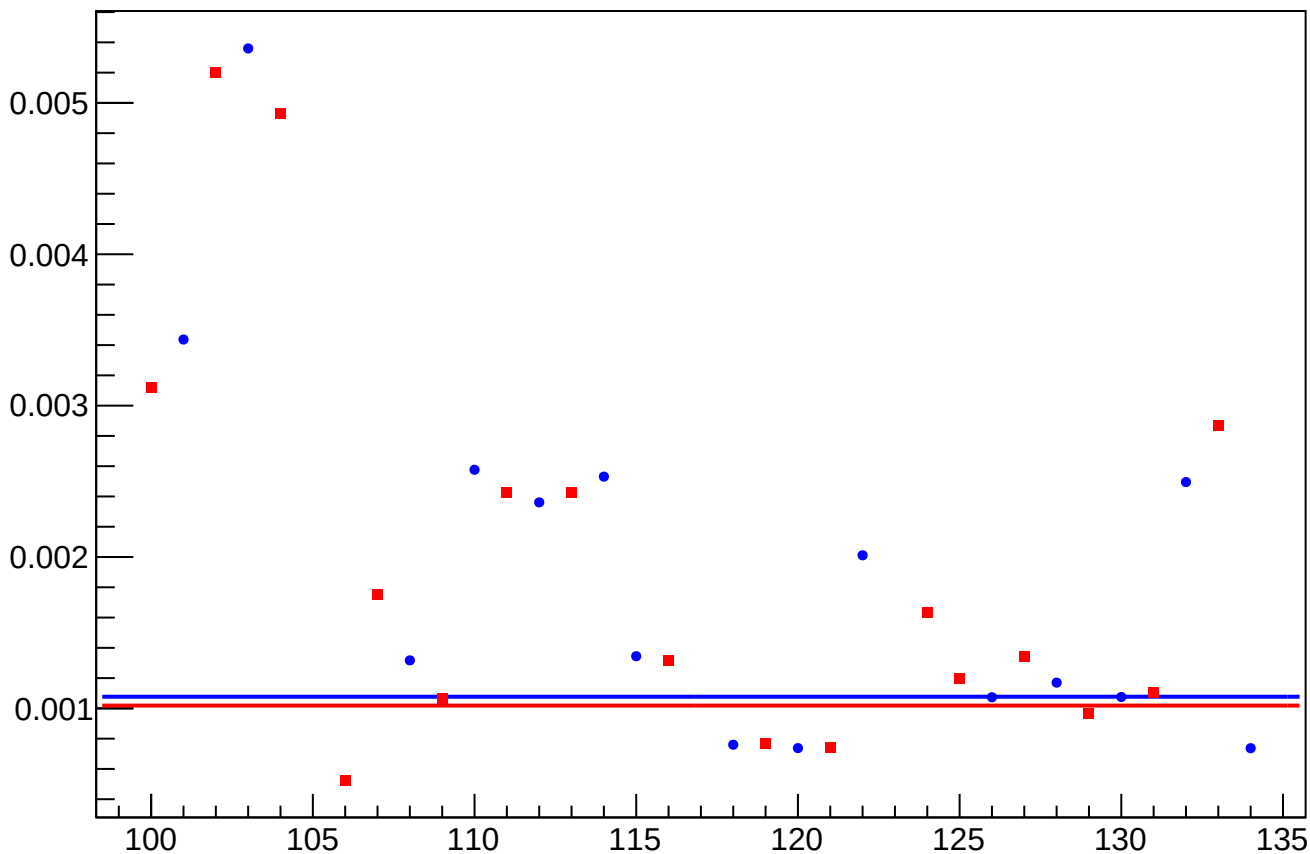
Right: -0.000+/-0.000 χ^2/NDF : 41.0/31

In: -0.000+/-0.000 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.0/31

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 2947054.8/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 3367052.1/16

Left 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 : 6328701.1/31

In: 0.001+/-0.000

χ^2/NDF : 2947054.8/14

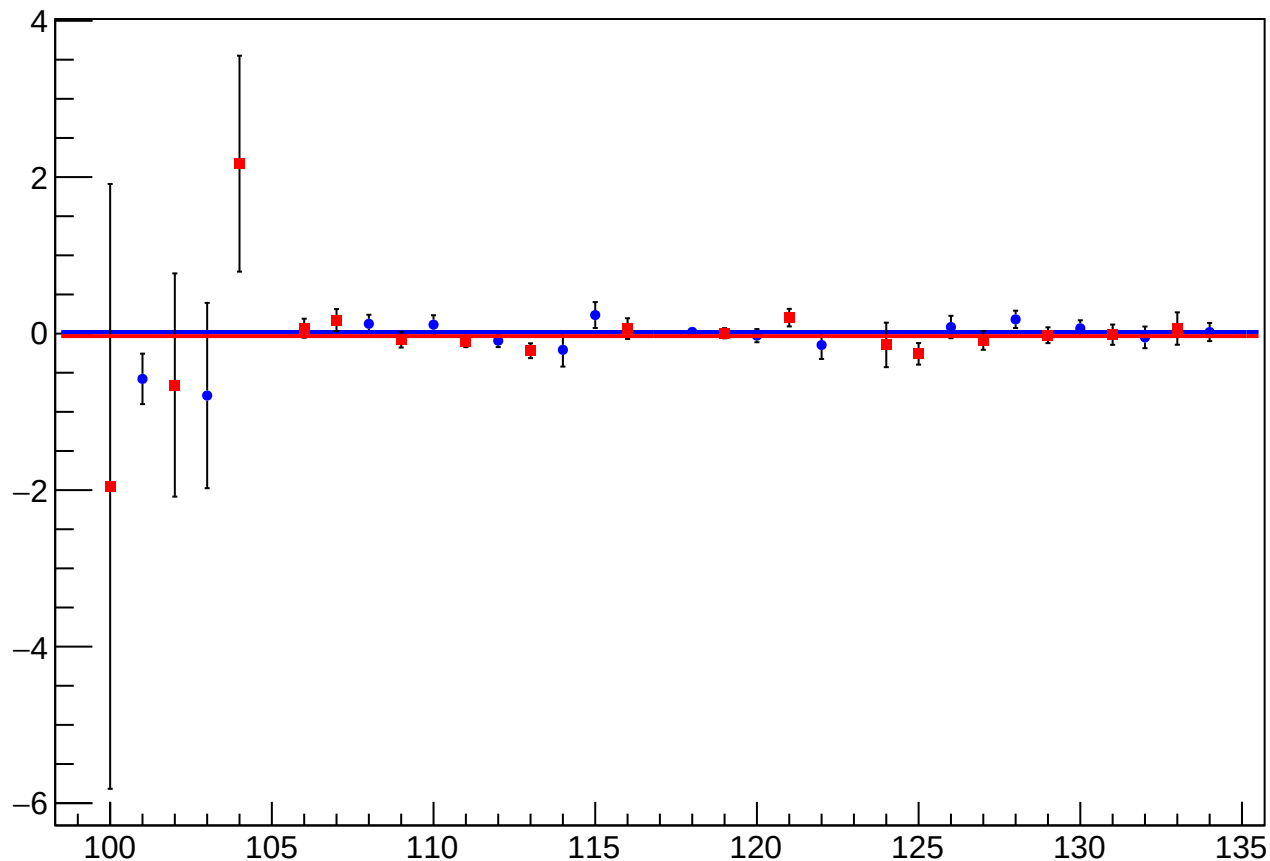
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6328701.1/31

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 14.0/14

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

Right Out: -0.032+/-0.029 χ^2/NDF : 19.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

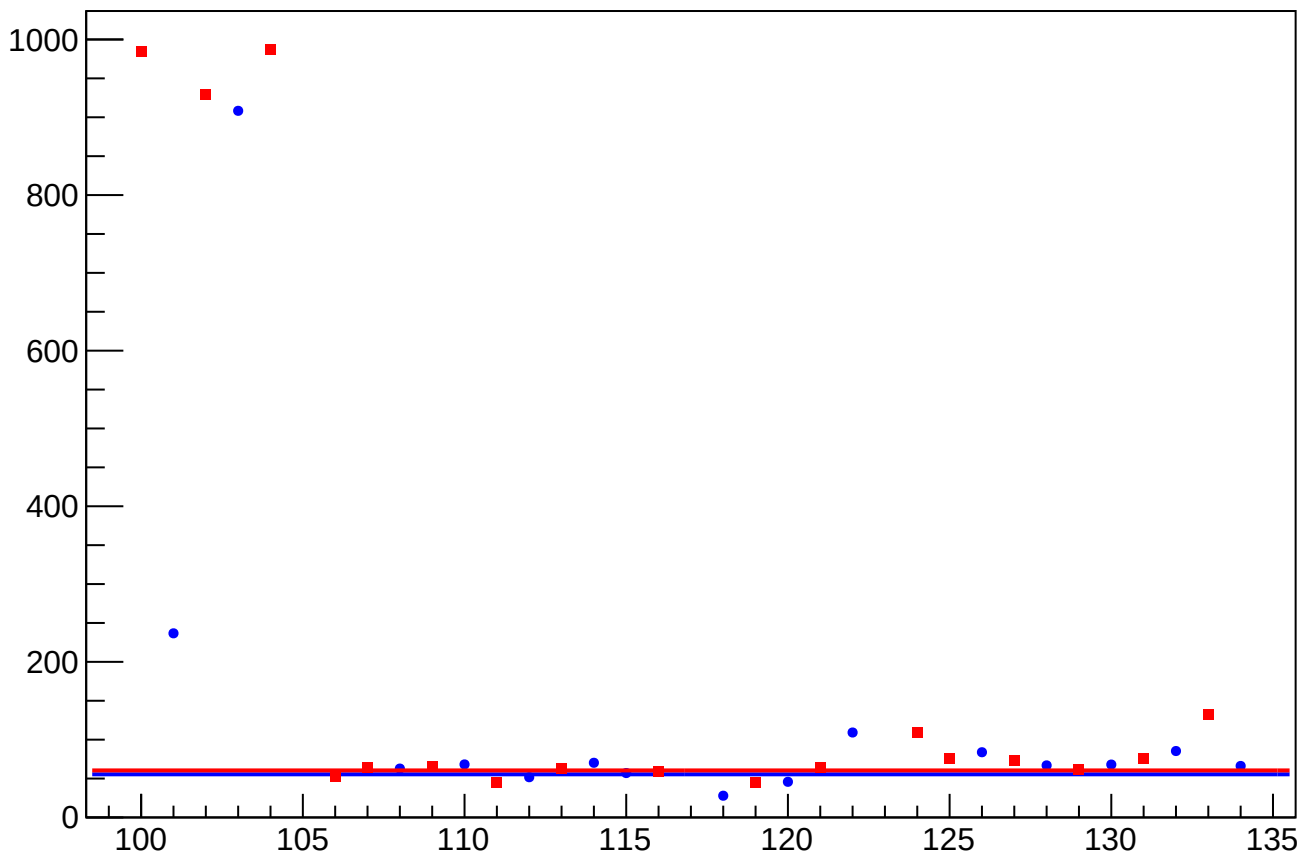
Right: -0.005+/-0.020 χ^2/NDF : 35.0/31

In: 0.020+/-0.028 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.020 χ^2/NDF : 35.0/31

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.451+/-0.020 χ^2/NDF : 2702185.3/14

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

Right Out: 60.461+/-0.020 χ^2/NDF : 2370929.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

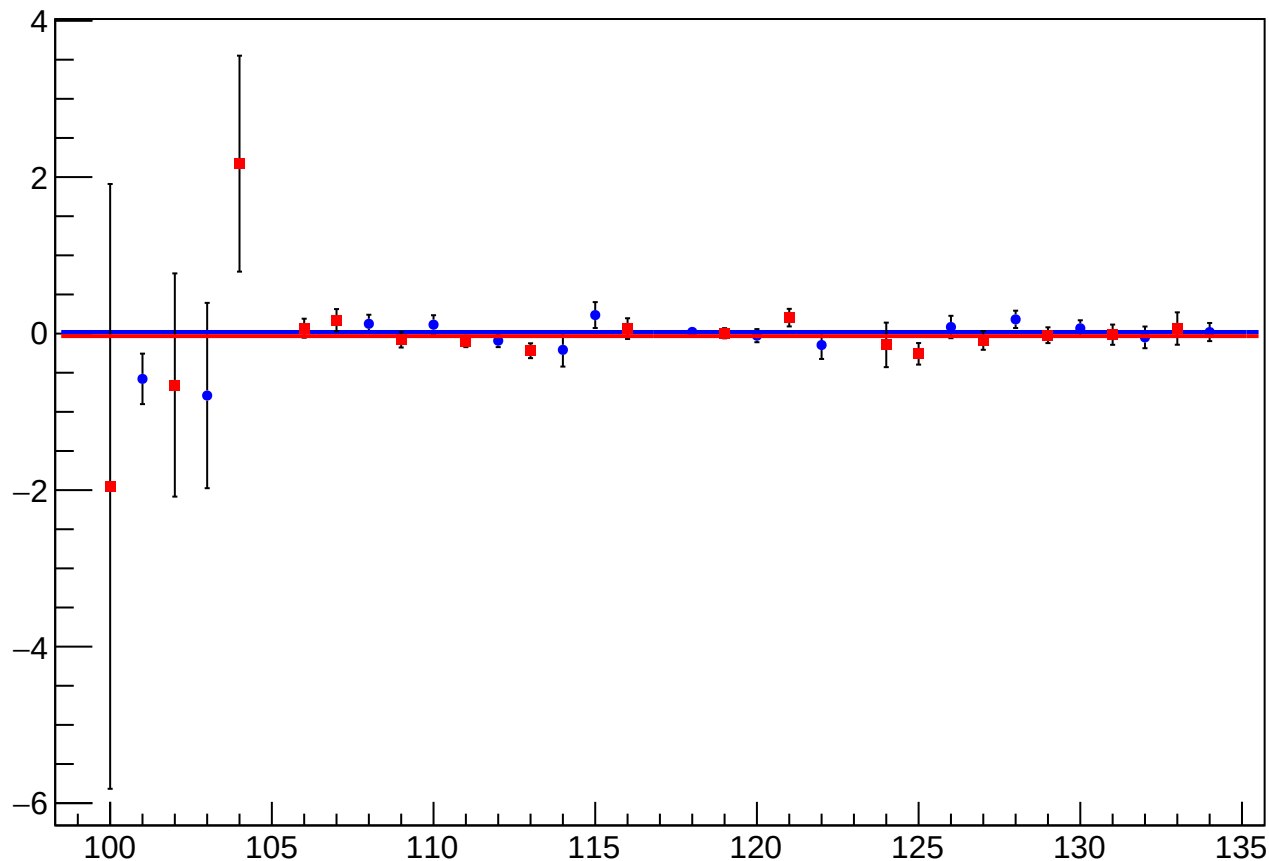
Right: 57.920+/-0.014 χ^2/NDF : 5103888.9/31

In: 55.451+/-0.020 χ^2/NDF : 2702185.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.920+/-0.014 χ^2/NDF : 5103888.9/31

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 14.0/14

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

Right Out: -0.032+/-0.029 χ^2/NDF : 19.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

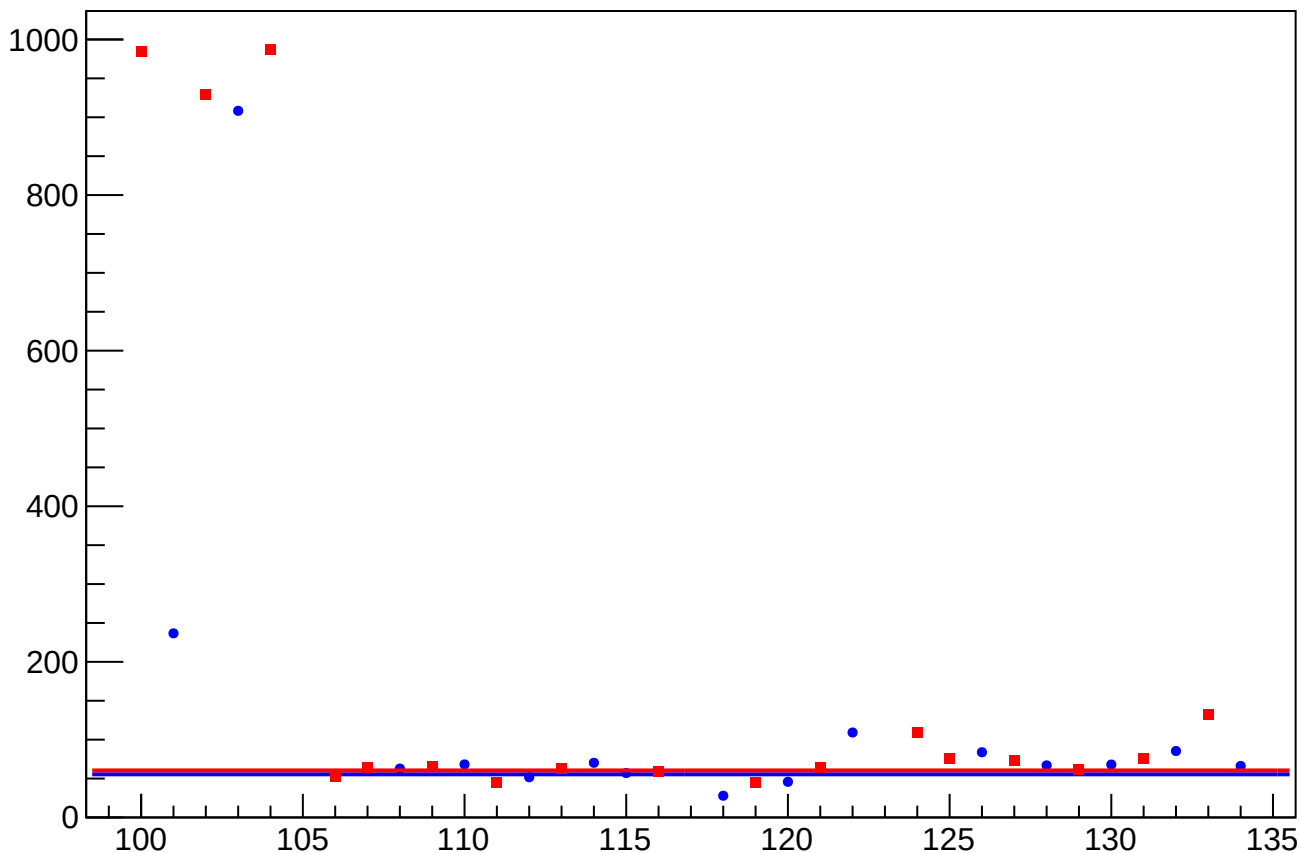
Right: -0.005+/-0.020 χ^2/NDF : 35.0/31

In: 0.020+/-0.028 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.020 χ^2/NDF : 35.0/31

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.451+/-0.020 χ^2/NDF : 2702185.3/14

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

Right Out: 60.461+/-0.020 χ^2/NDF : 2370929.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

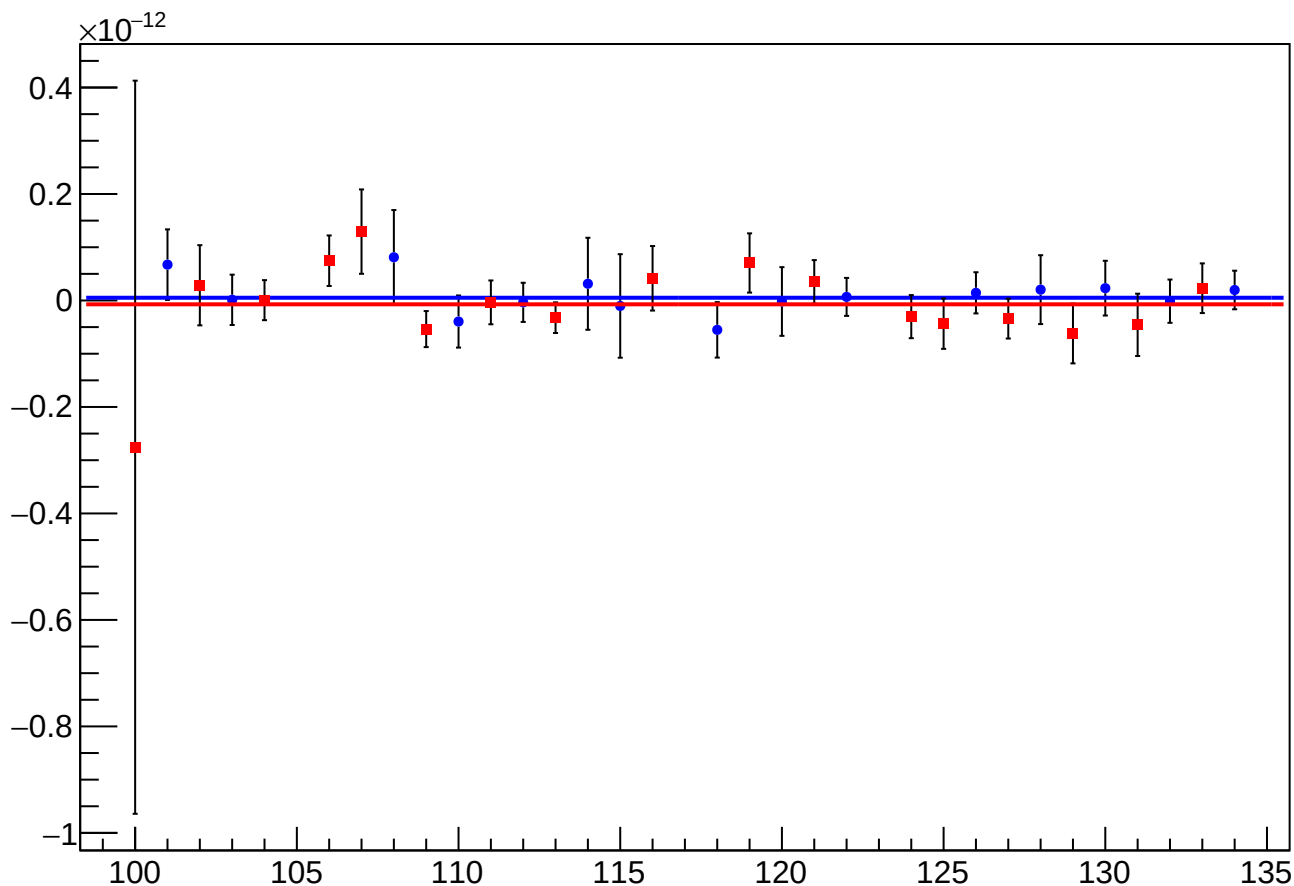
Right: 57.920+/-0.014 χ^2/NDF : 5103888.9/31

In: 55.451+/-0.020 χ^2/NDF : 2702185.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.920+/-0.014 χ^2/NDF : 5103888.9/31

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

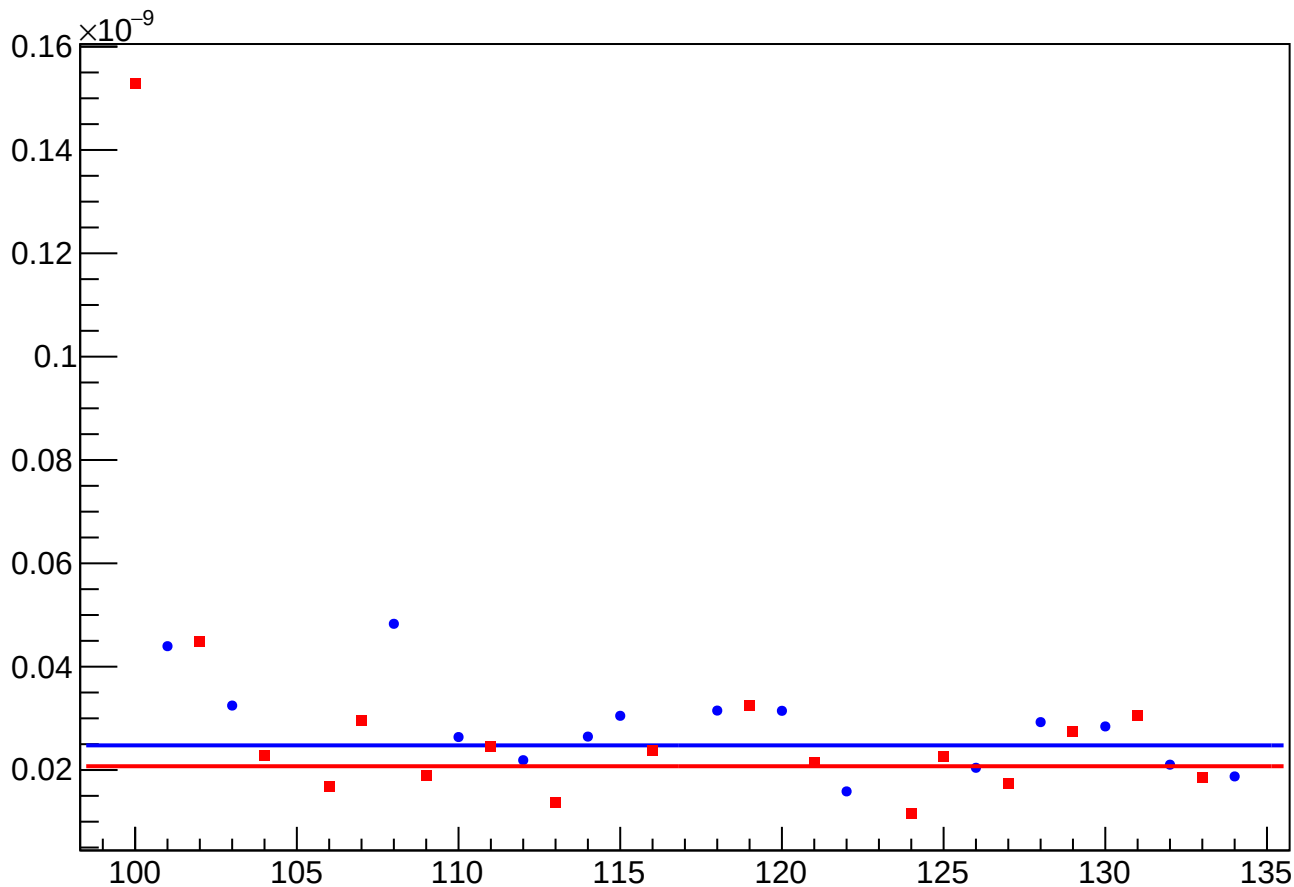
Right: -0.000+/-0.000 χ^2/NDF : 20.9/31

In: 0.000+/-0.000 χ^2/NDF : 4.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/31

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 680347.0/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 770451.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

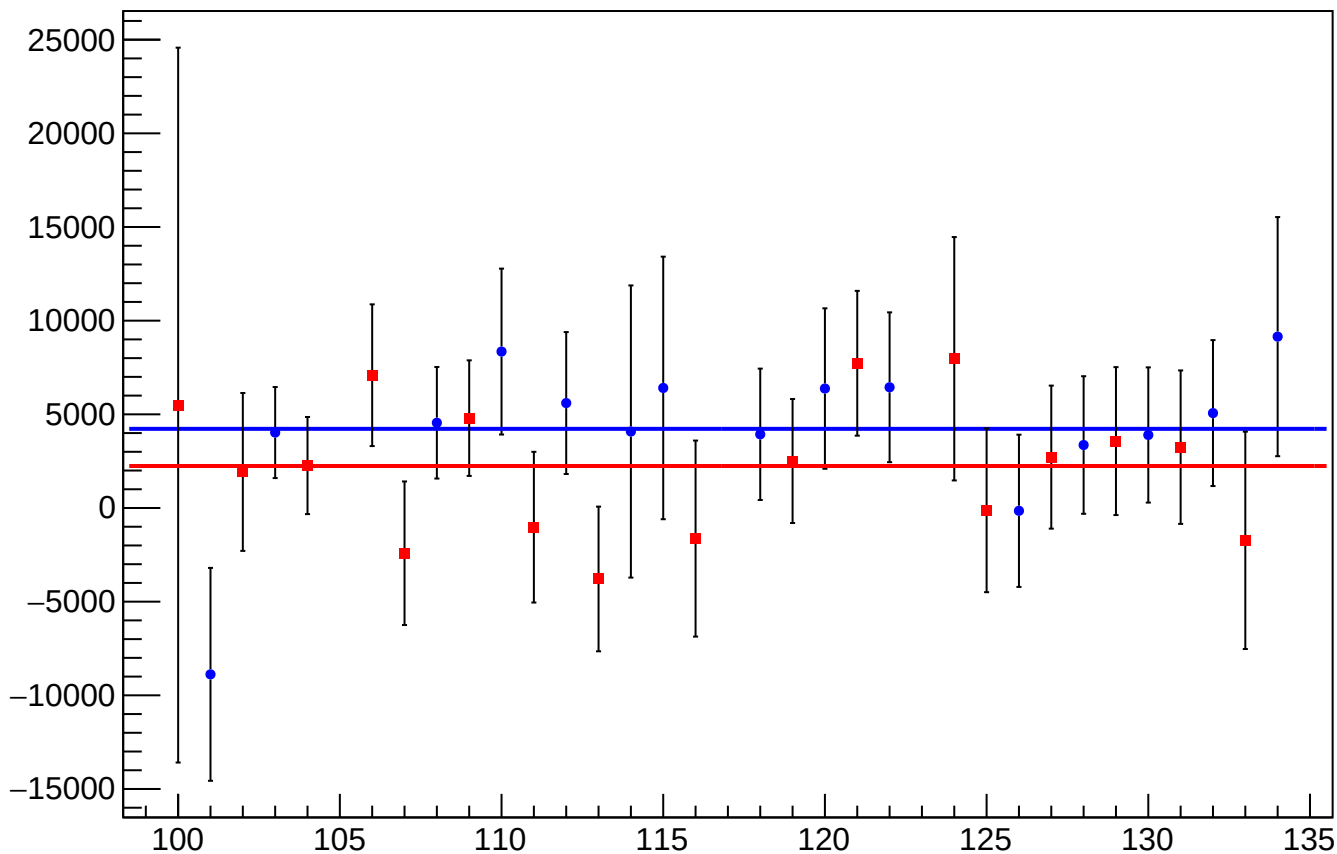
Right: 0.000+/-0.000 χ^2/NDF : 1566378.5/31

In: 0.000+/-0.000 χ^2/NDF : 680347.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1566378.5/31

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4225.619+/-1014.900 χ^2/NDF : 8.9/14

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

Right Out: 2242.091+/-965.587 χ^2/NDF : 11.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

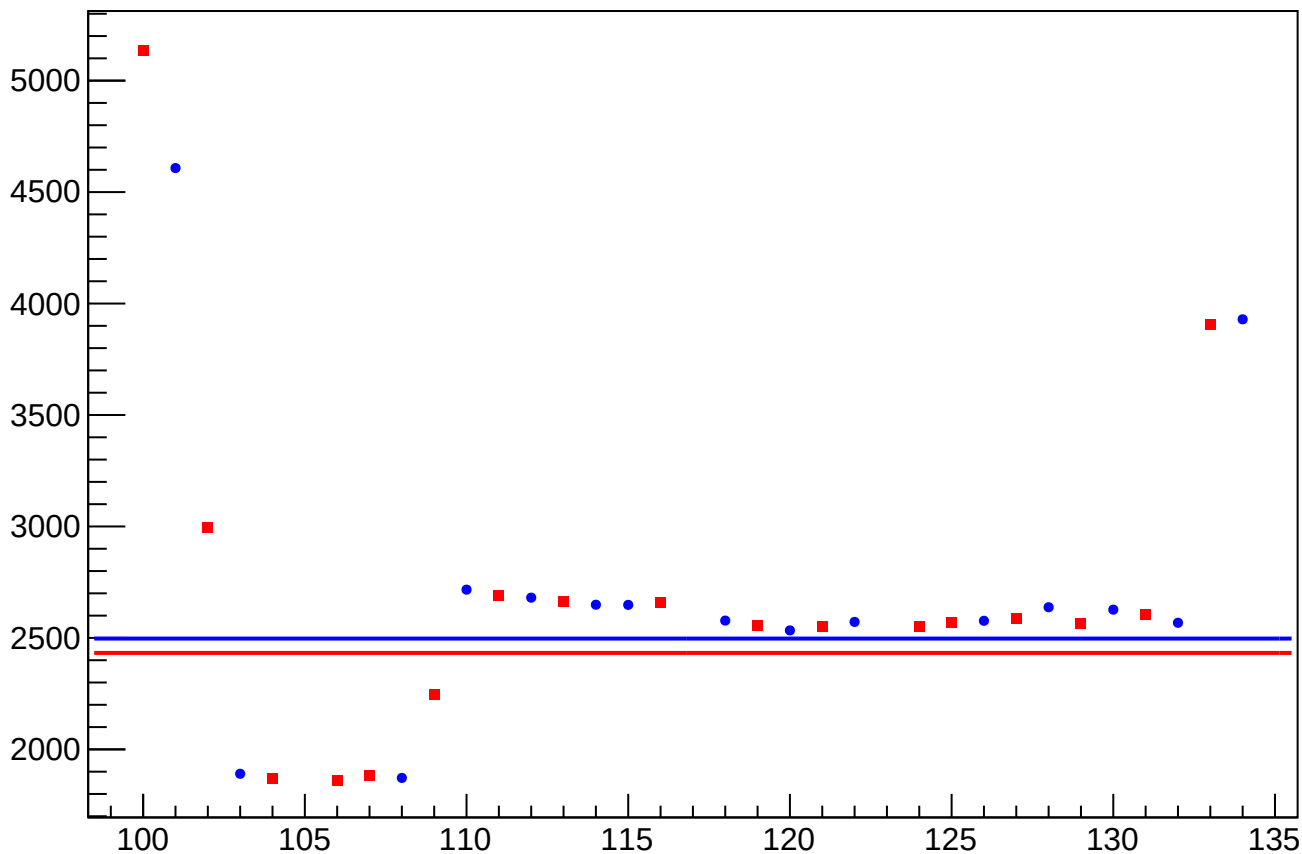
Right: 3184.497+/-699.557 χ^2/NDF : 22.1/31

In: 4225.619+/-1014.900 χ^2/NDF : 8.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3184.497+/-699.557 χ^2/NDF : 22.1/31

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2497.082+/-0.718 χ^2/NDF : 609495.9/14

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

Right Out: 2432.664+/-0.683 χ^2/NDF : 429778.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

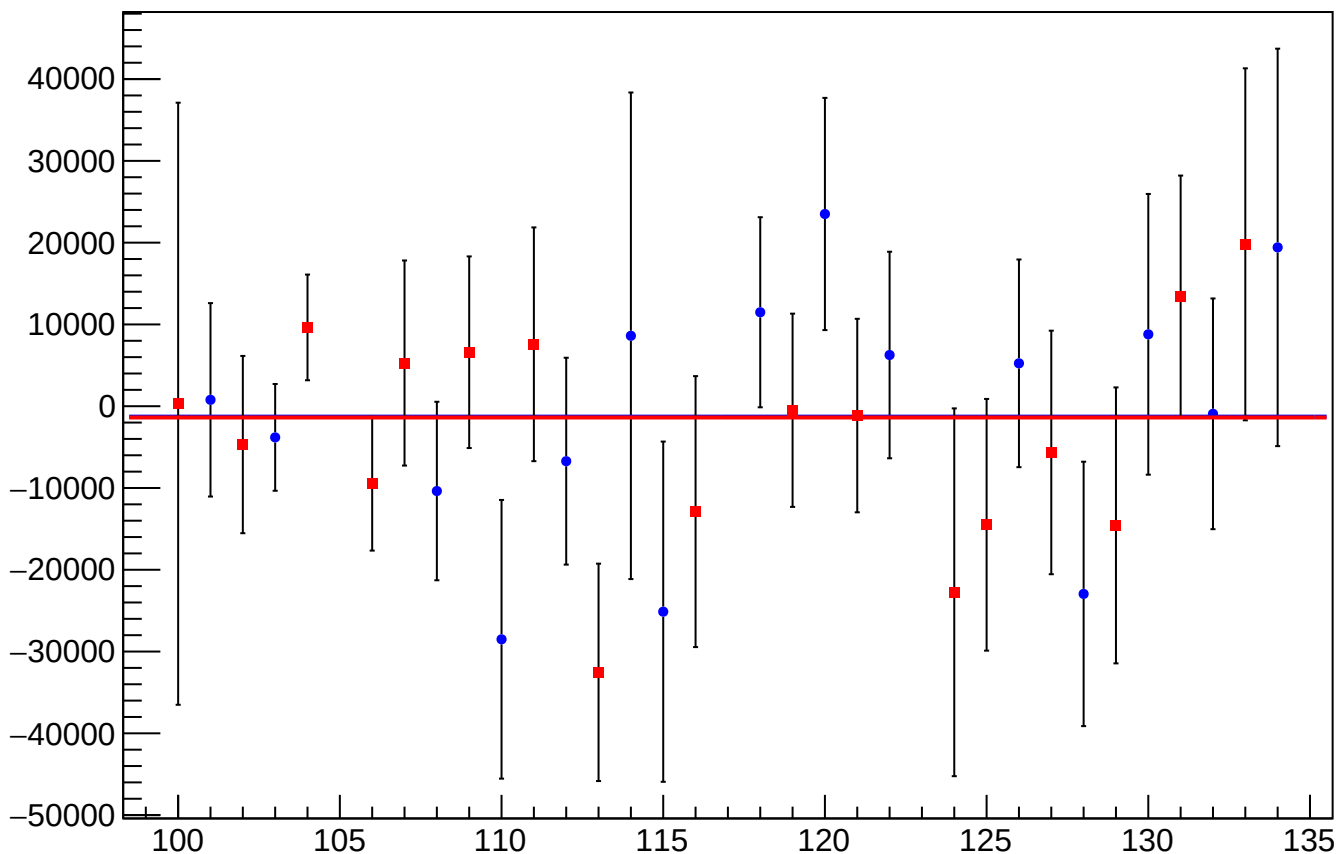
Right: 2463.270+/-0.495 χ^2/NDF : 1043503.3/31

In: 2497.082+/-0.718 χ^2/NDF : 609495.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.270+/-0.495 χ^2/NDF : 1043503.3/31

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1273.694+/-3316.285 χ^2/NDF : 12.8/14

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

Right Out: -1378.824+/-2998.704 χ^2/NDF : 15.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

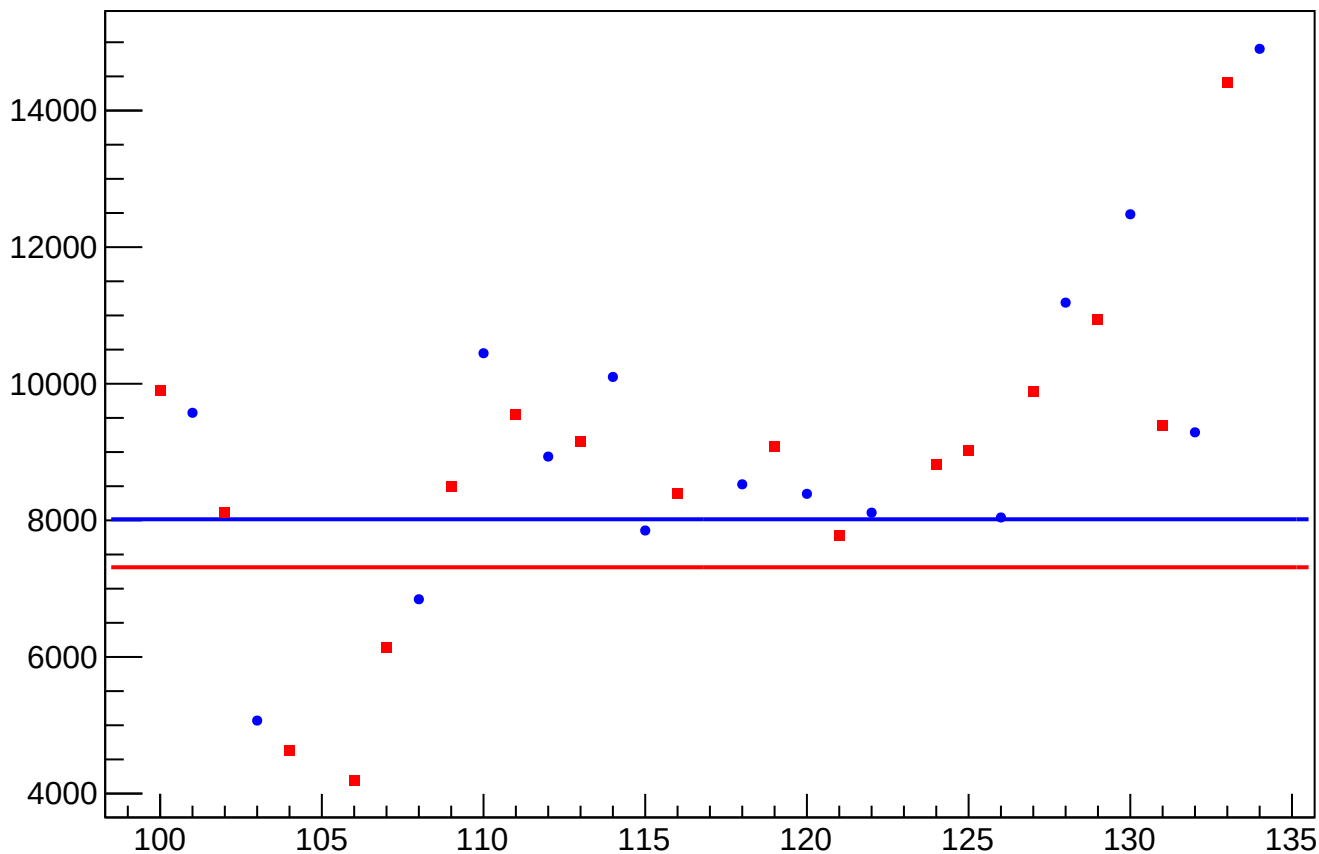
Right: -1331.533+/-2224.229 χ^2/NDF : 28.2/31

In: -1273.694+/-3316.285 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1331.533+/-2224.229 χ^2/NDF : 28.2/31

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 8015.919+/-2.345 χ^2/NDF : 921358.6/14

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

Right Out: 7313.329+/-2.120 χ^2/NDF : 1280678.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

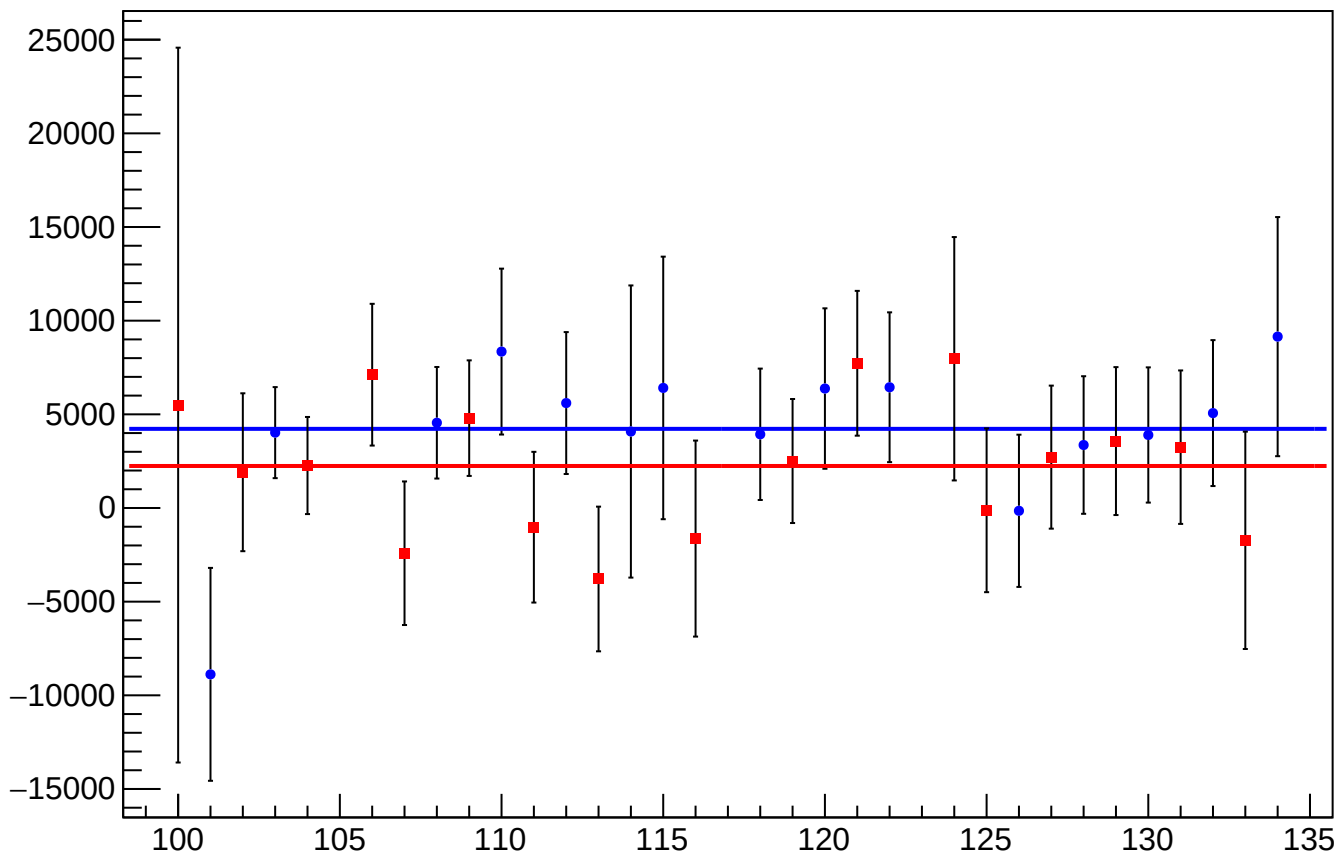
Right: 7629.380+/-1.573 χ^2/NDF : 2251425.5/31

In: 8015.919+/-2.345 χ^2/NDF : 921358.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7629.380+/-1.573 χ^2/NDF : 2251425.5/31

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4225.036+/-1014.900 χ^2/NDF : 8.9/14

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

Right Out: 2242.880+/-965.596 χ^2/NDF : 11.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

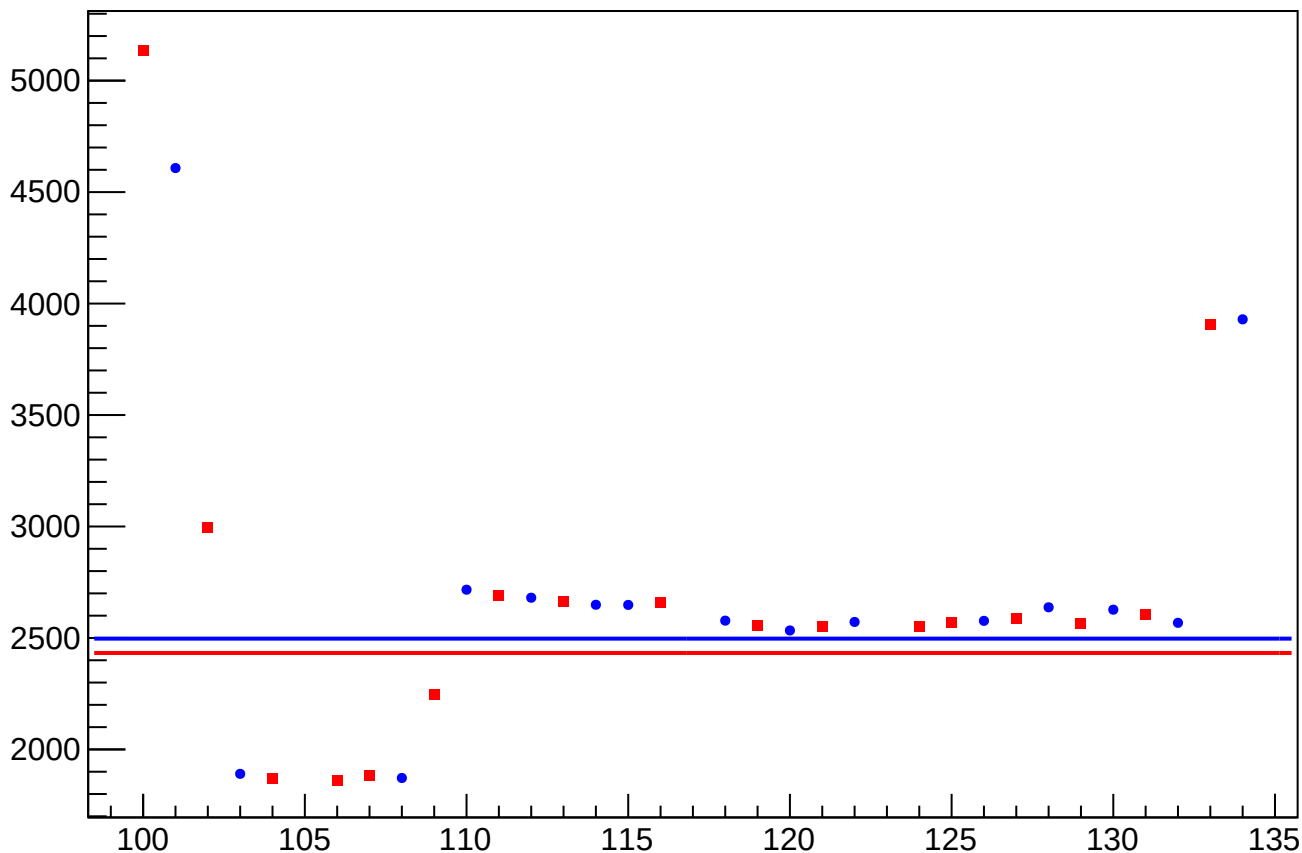
Right: 3184.643+/-699.560 χ^2/NDF : 22.1/31

In: 4225.036+/-1014.900 χ^2/NDF : 8.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3184.643+/-699.560 χ^2/NDF : 22.1/31

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2497.083+/-0.718 χ^2/NDF : 609493.7/14

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

Right Out: 2432.690+/-0.683 χ^2/NDF : 429725.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

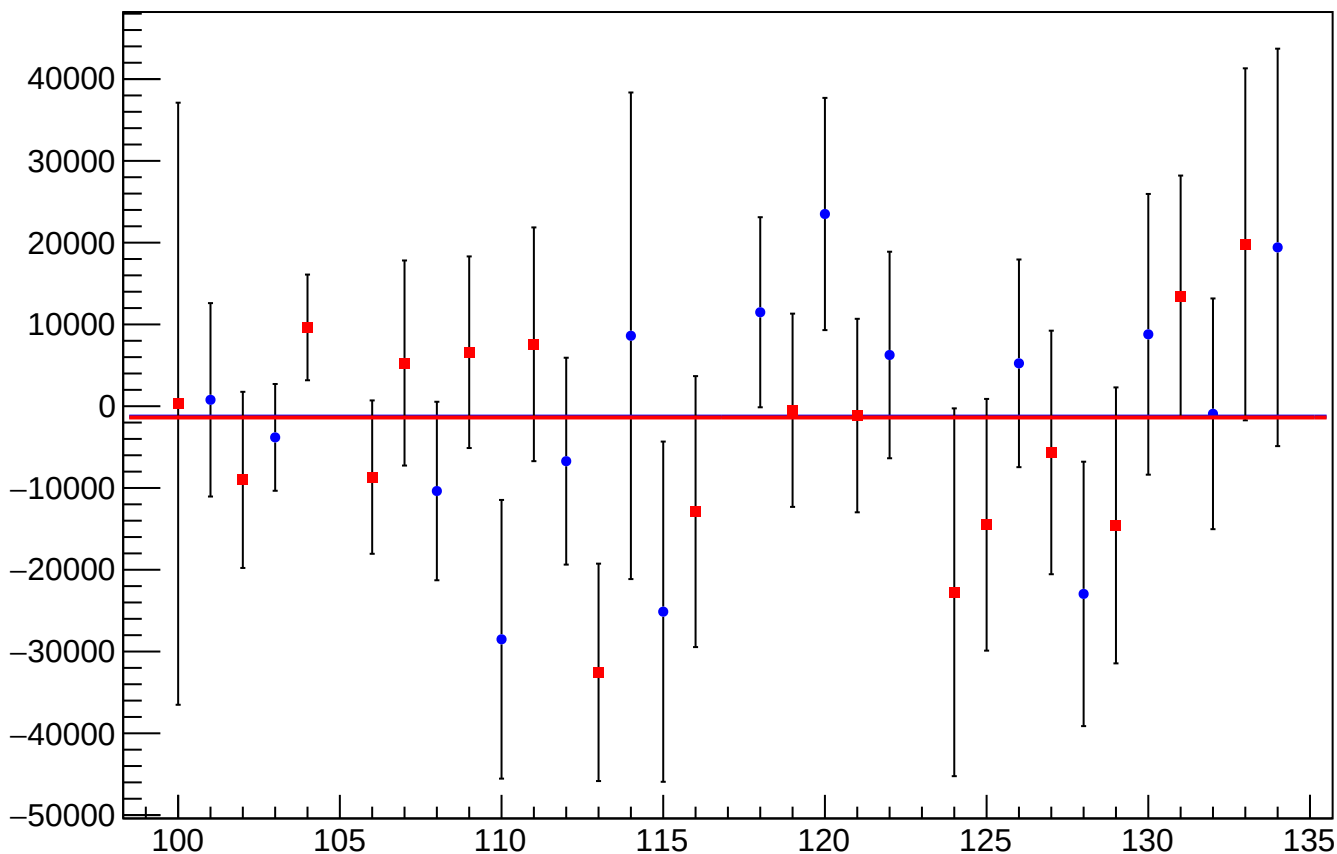
Right: 2463.284+/-0.495 χ^2/NDF : 1043445.3/31

In: 2497.083+/-0.718 χ^2/NDF :609493.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2463.284+/-0.495 χ^2/NDF : 1043445.3/31

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1273.339+/-3316.398 χ^2/NDF : 12.8/14

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

Right Out: -1378.032+/-3046.113 χ^2/NDF : 15.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

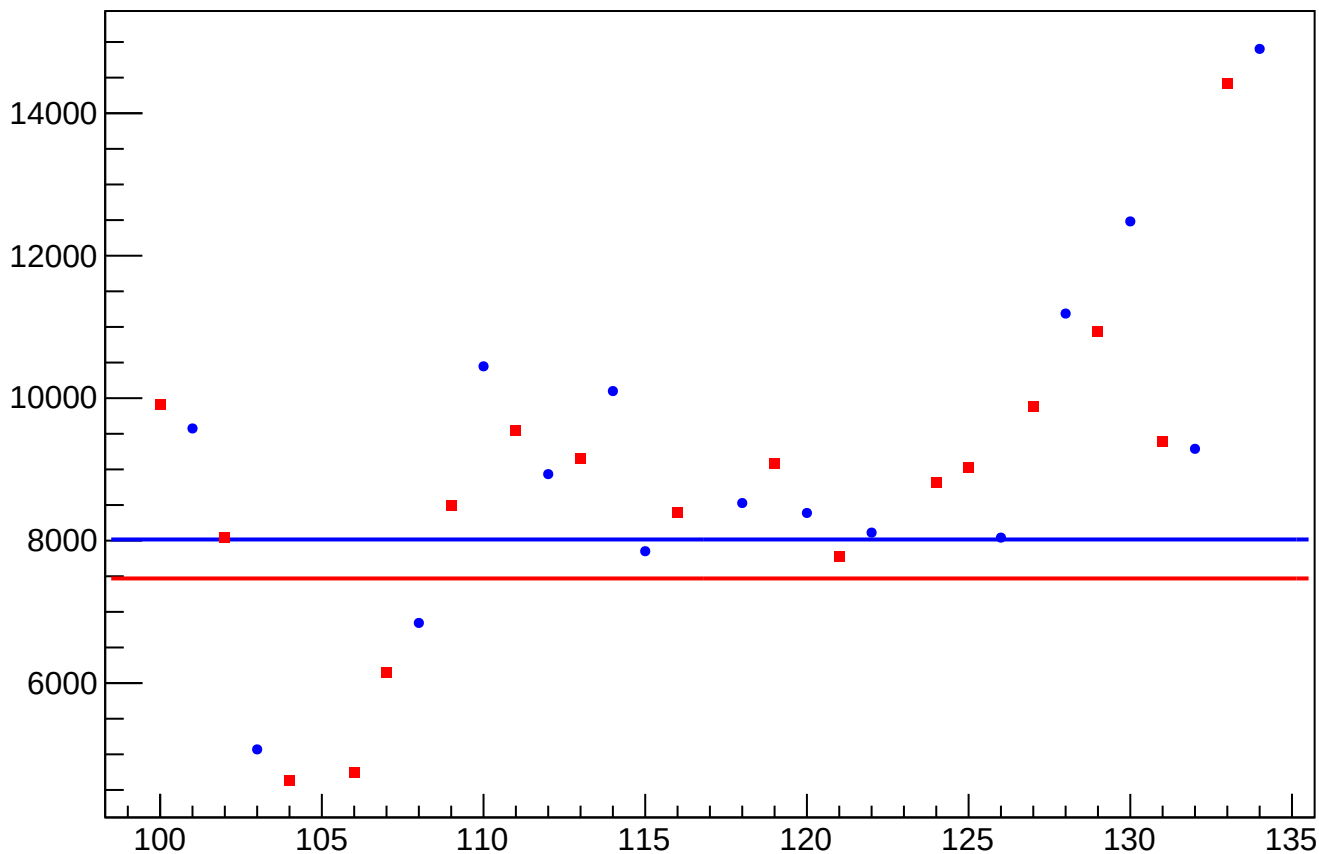
Right: -1330.125+/-2243.404 χ^2/NDF : 28.2/31

In: -1273.339+/-3316.398 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1330.125+/-2243.404 χ^2/NDF : 28.2/31

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 8016.303+/-2.345 χ^2/NDF : 921054.7/14

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

Right Out: 7469.133+/-2.154 χ^2/NDF : 1132974.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

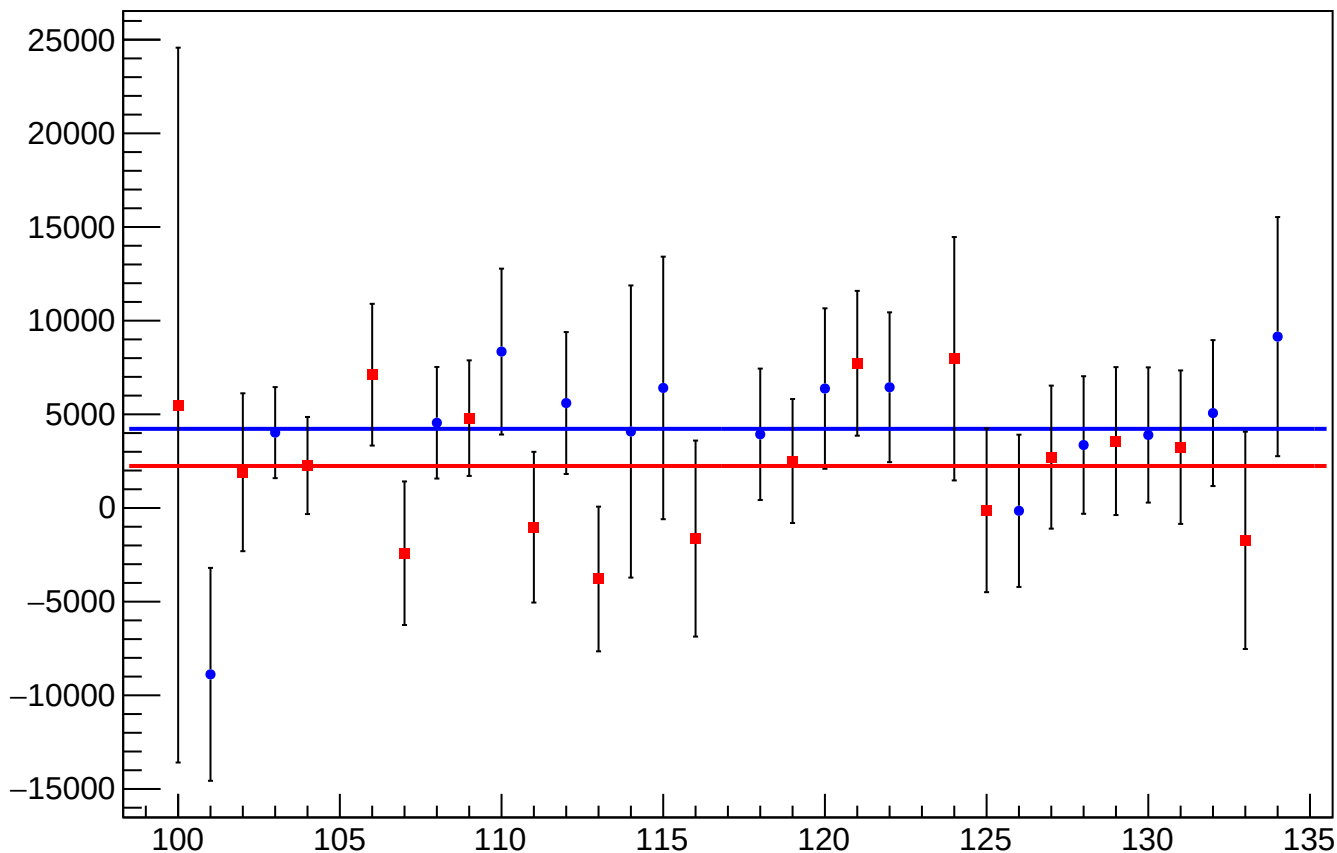
Right: 7719.515+/-1.586 χ^2/NDF : 2083559.0/31

In: 8016.303+/-2.345 χ^2/NDF : 921054.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7719.515+/-1.586 χ^2/NDF : 2083559.0/31

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4225.036 $\pm$ 1014.900 χ^2 /NDF: 8.9/14

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

Right Out: 2242.880 $\pm$ 965.596 χ^2 /NDF: 11.3/16

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

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

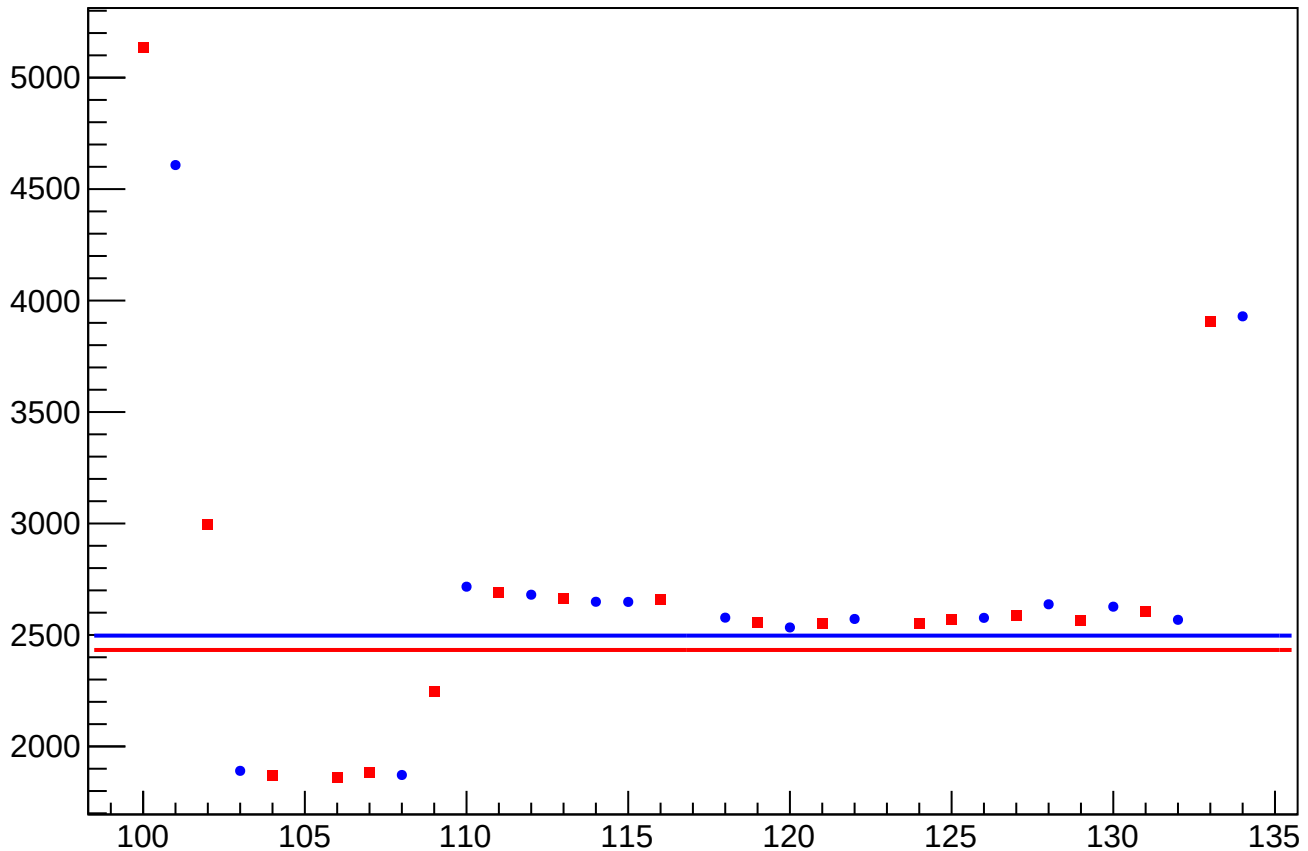
Right: 3184.643 $\pm$ 699.560 χ^2 /NDF: 22.1/31

In: 4225.036 $\pm$ 1014.900 χ^2 /NDF:8.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3184.643 $\pm$ 699.560 χ^2 /NDF: 22.1/31

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2497.083+/-0.718 χ^2/NDF : 609493.7/14

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

Right Out: 2432.690+/-0.683 χ^2/NDF : 429725.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

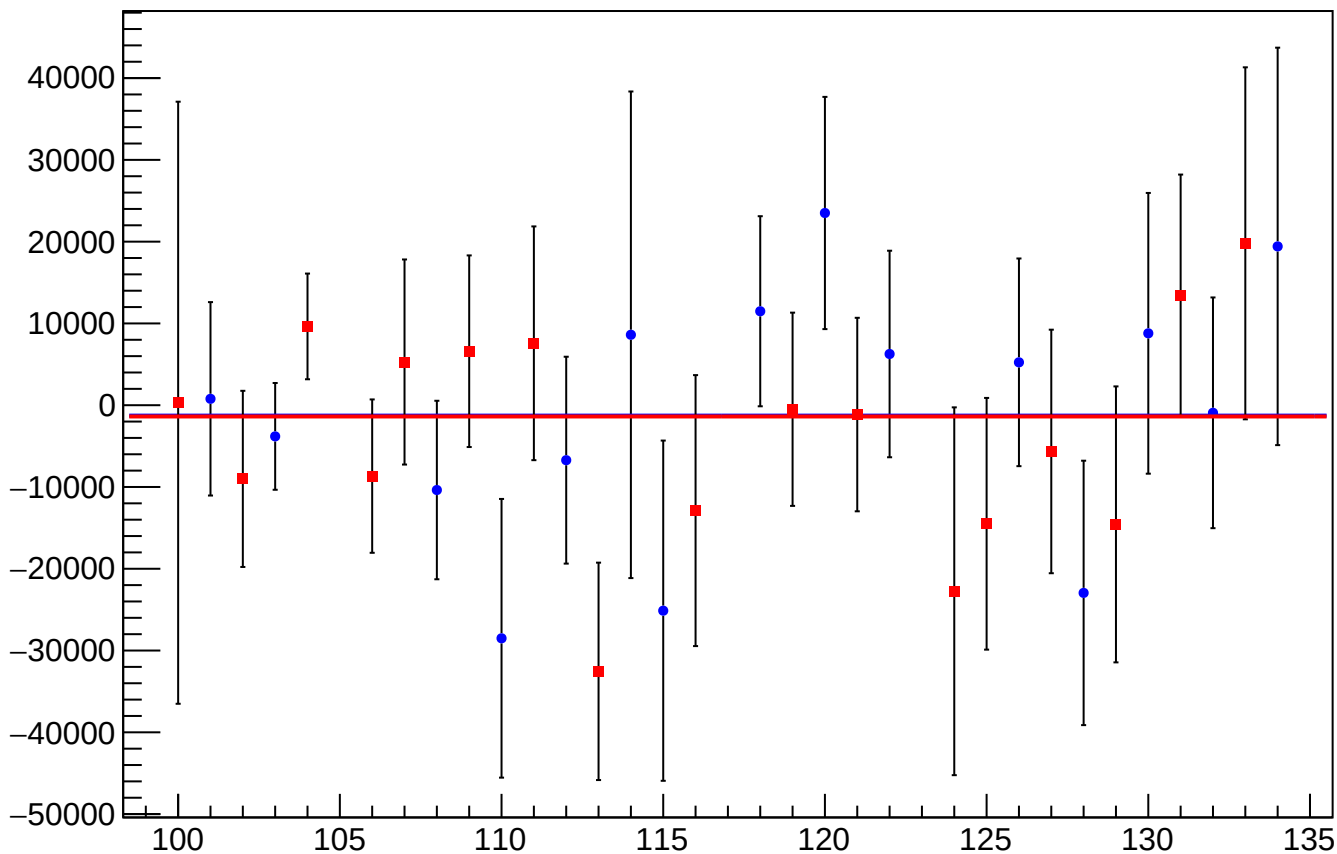
Right: 2463.284+/-0.495 χ^2/NDF : 1043445.3/31

In: 2497.083+/-0.718 χ^2/NDF :609493.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2463.284+/-0.495 χ^2/NDF : 1043445.3/31

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1273.339+/-3316.398 χ^2/NDF : 12.8/14

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

Right Out: -1378.032+/-3046.113 χ^2/NDF : 15.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

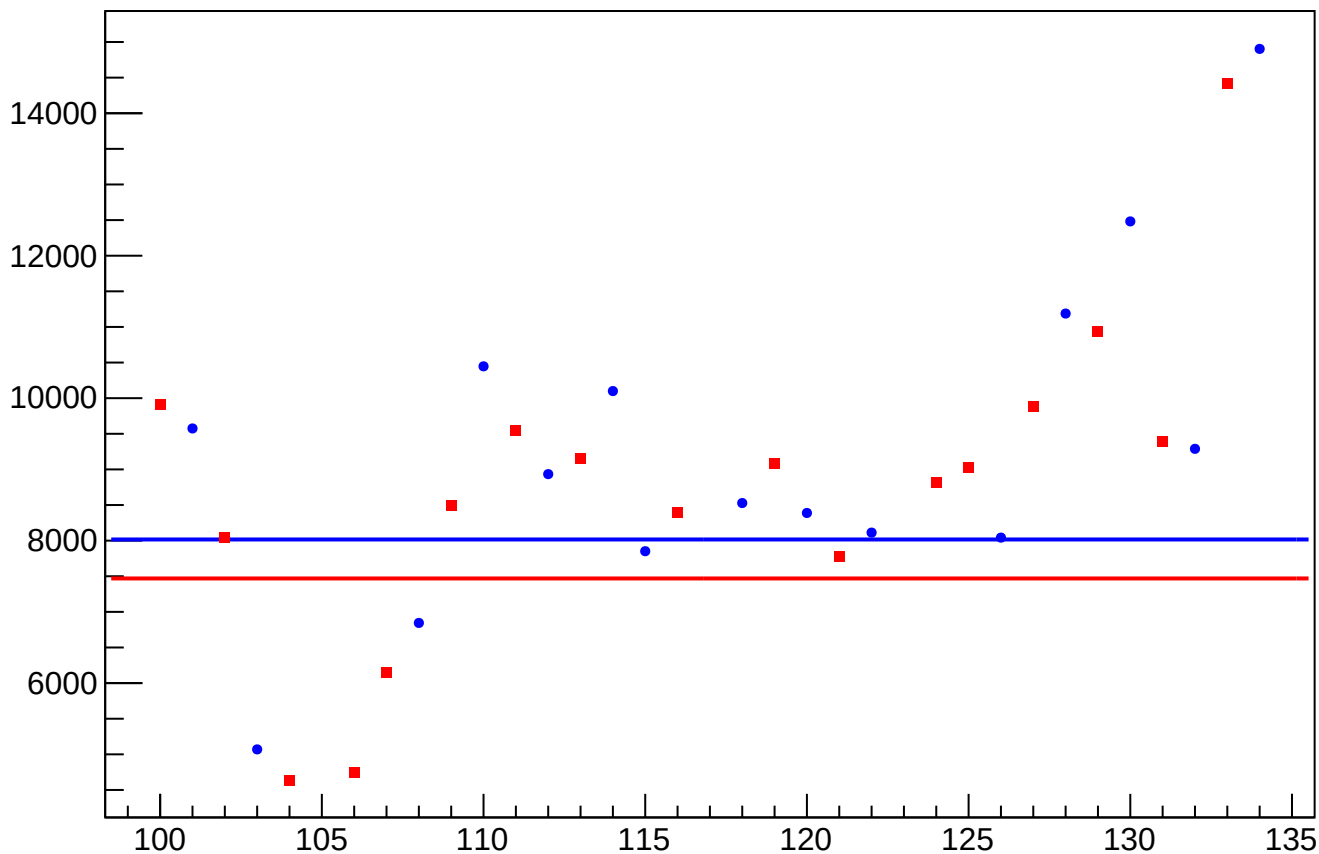
Right: -1330.125+/-2243.404 χ^2/NDF : 28.2/31

In: -1273.339+/-3316.398 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1330.125+/-2243.404 χ^2/NDF : 28.2/31

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8016.303+/-2.345 χ^2/NDF : 921054.7/14

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

Right Out: 7469.133+/-2.154 χ^2/NDF : 1132974.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

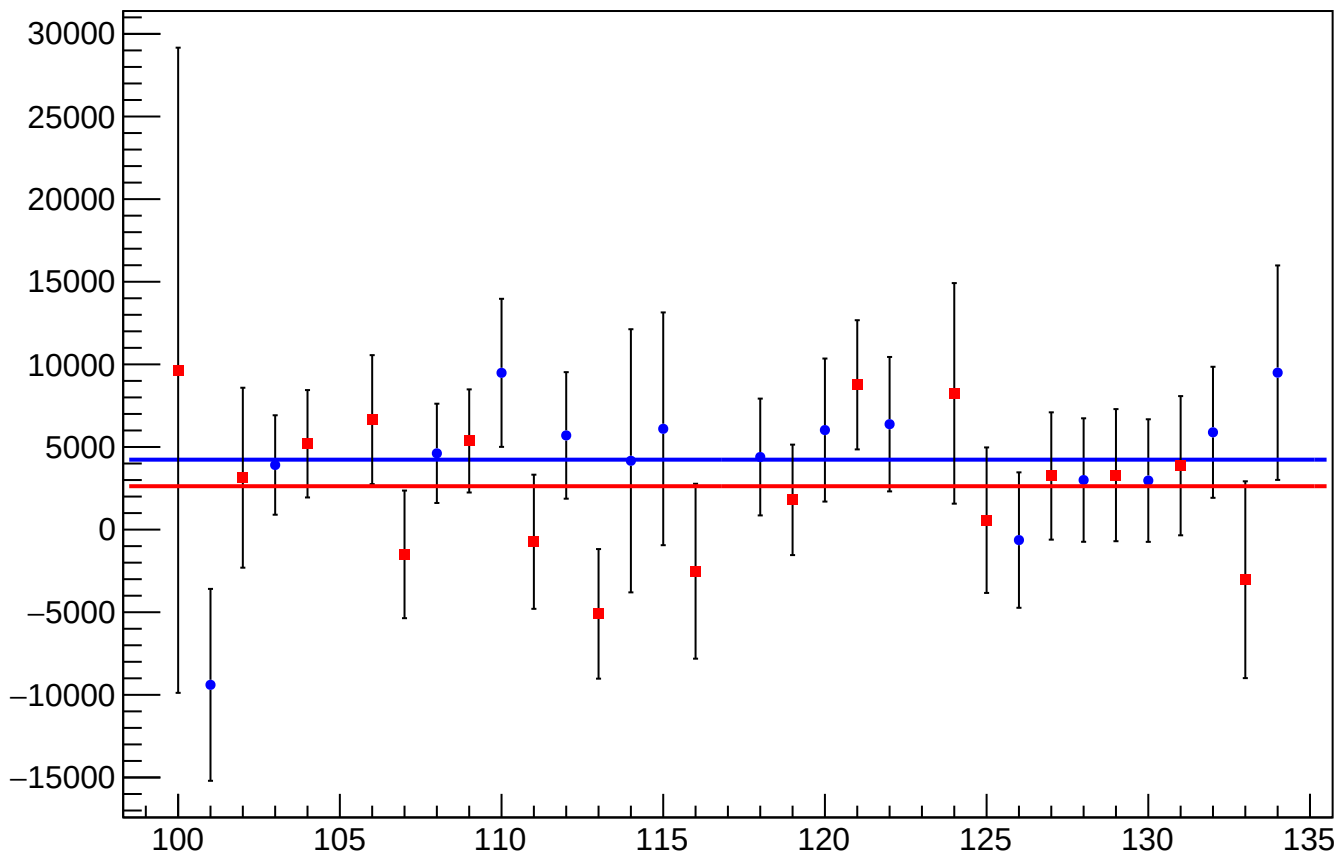
Right: 7719.515+/-1.586 χ^2/NDF : 2083559.0/31

In: 8016.303+/-2.345 χ^2/NDF : 921054.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7719.515+/-1.586 χ^2/NDF : 2083559.0/31

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4232.690+/-1060.081 χ^2/NDF : 10.0/14

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

Right Out: 2626.599+/-1014.637 χ^2/NDF : 13.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

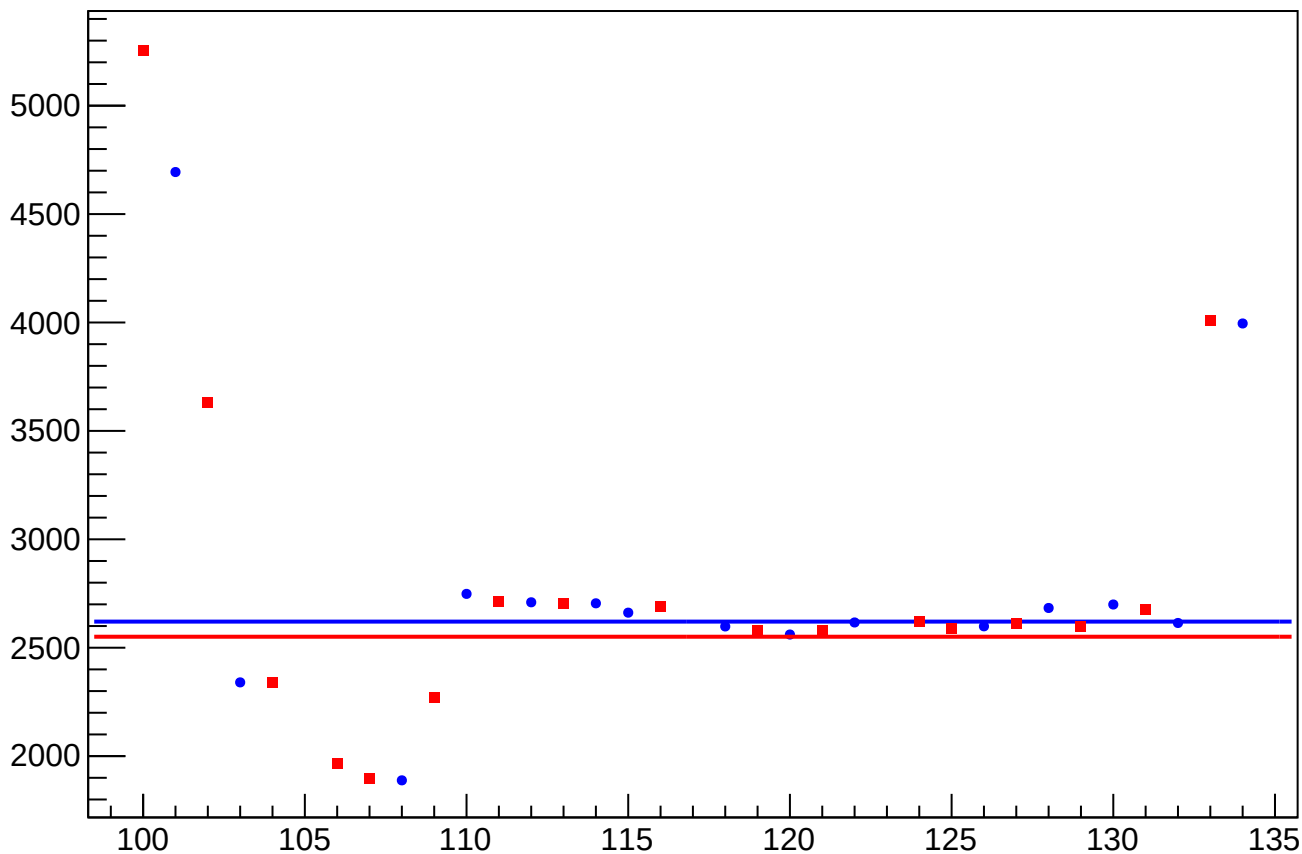
Right: 3394.482+/-732.996 χ^2/NDF : 25.0/31

In: 4232.690+/-1060.081 χ^2/NDF : 10.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3394.482+/-732.996 χ^2/NDF : 25.0/31

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2620.437+/-0.750 χ^2/NDF : 485910.2/14

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

Right Out: 2550.674+/-0.717 χ^2/NDF : 375533.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

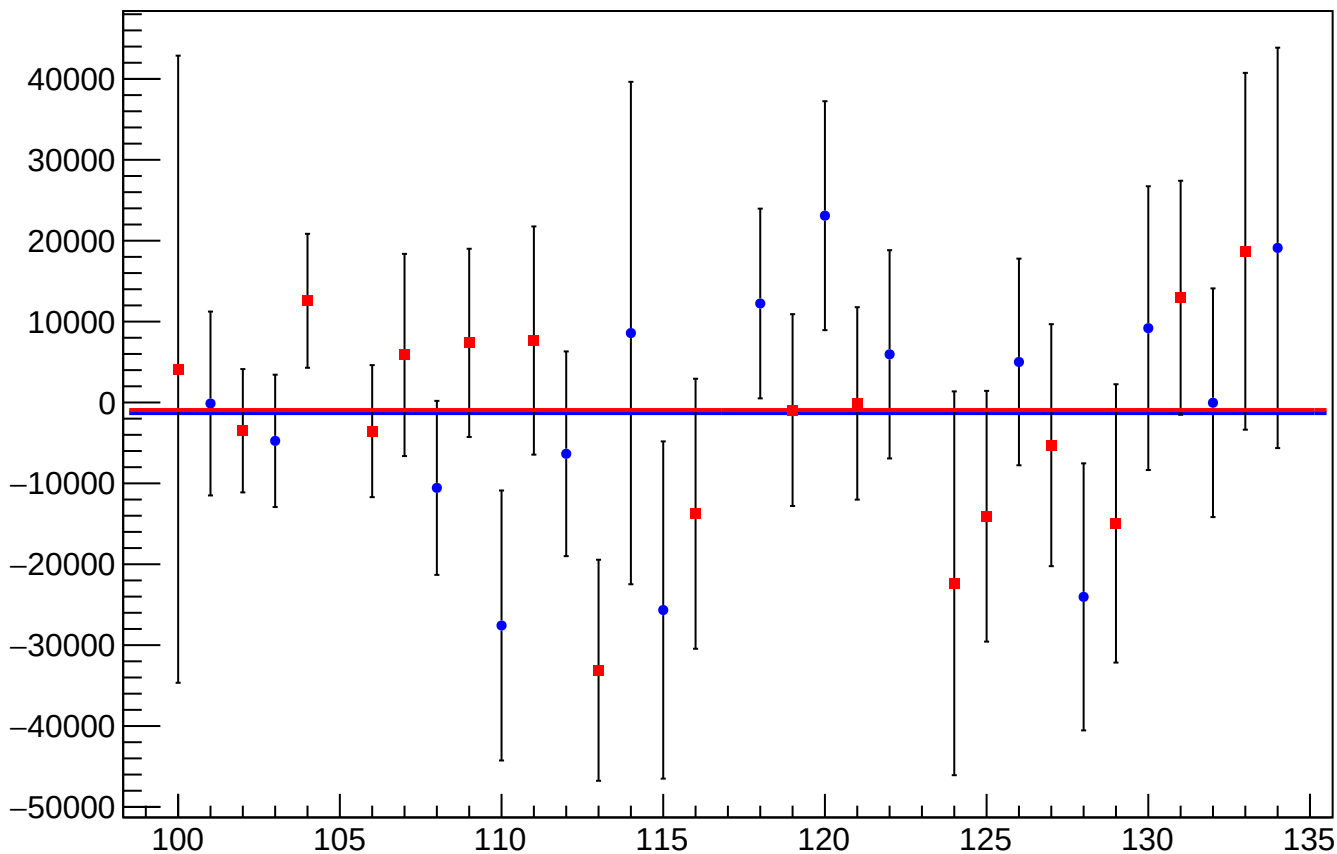
Right: 2584.006+/-0.518 χ^2/NDF : 865967.2/31

In: 2620.437+/-0.750 χ^2/NDF : 485910.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2584.006+/-0.518 χ^2/NDF : 865967.2/31

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1312.529+/-3481.898 χ^2/NDF : 12.8/14

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

Right Out: -935.737+/-3014.764 χ^2/NDF : 14.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

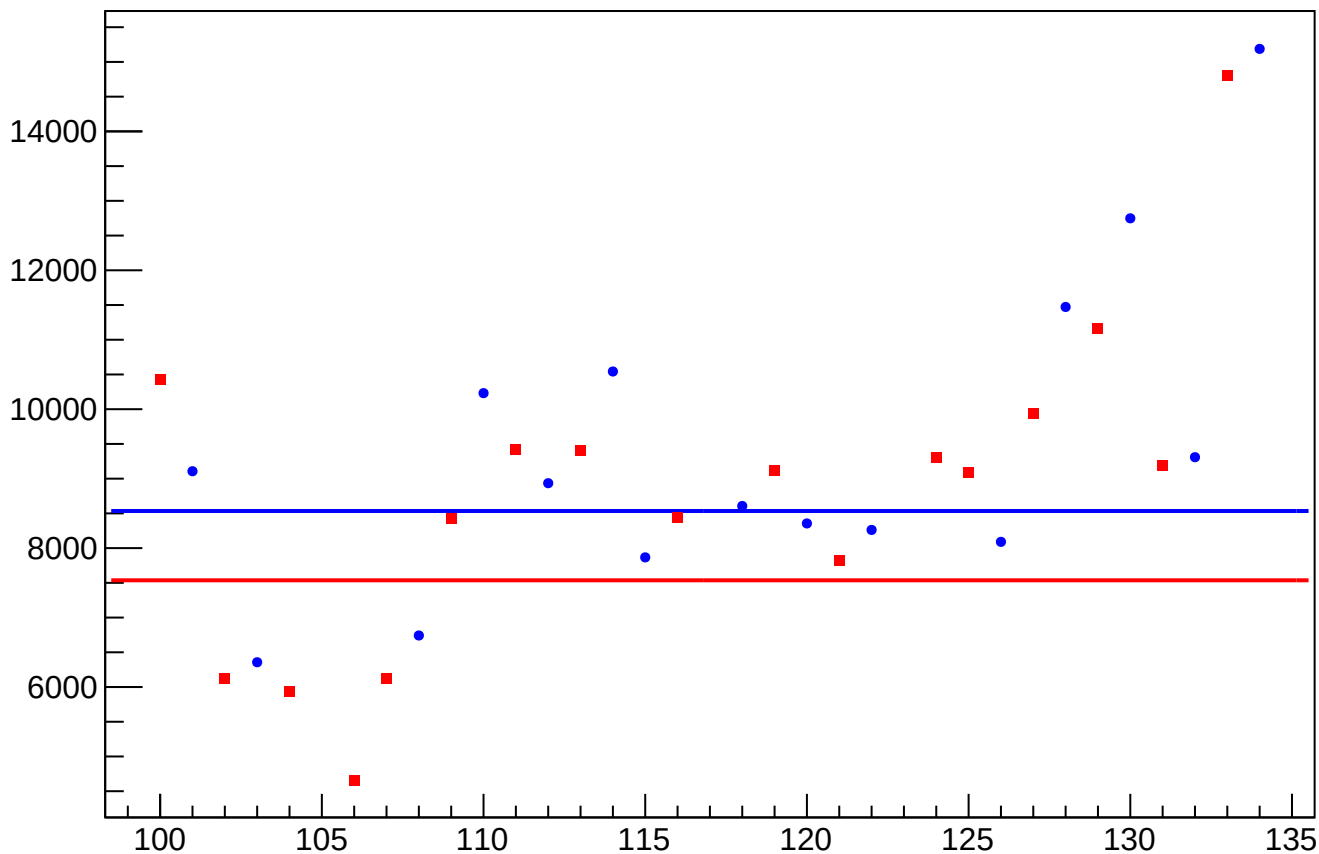
Right: -1097.180+/-2279.158 χ^2/NDF : 27.0/31

In: -1312.529+/-3481.898 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1097.180+/-2279.158 χ^2/NDF : 27.0/31

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8534.473+/-2.462 χ^2/NDF : 568410.4/14

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

Right Out: 7536.591+/-2.132 χ^2/NDF : 969698.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

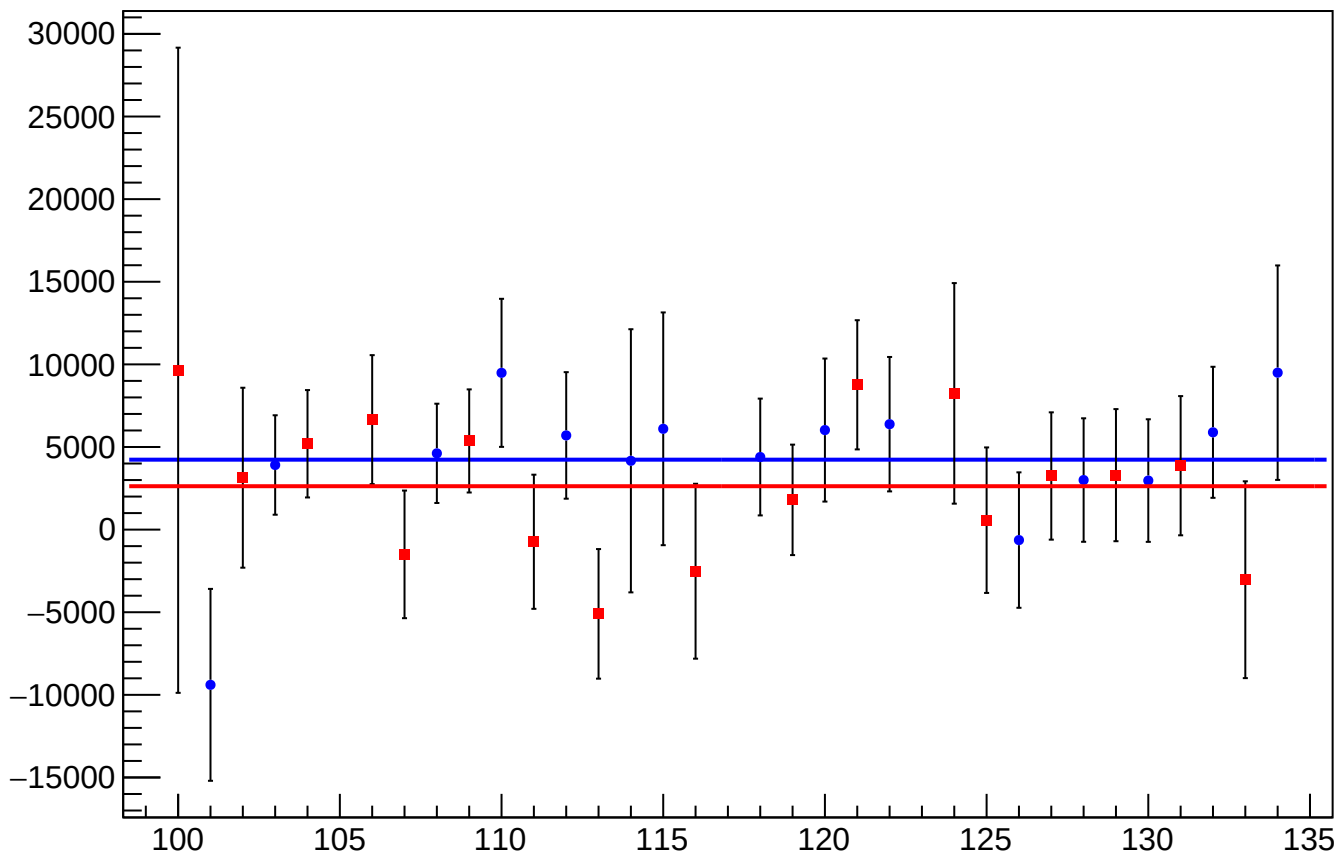
Right: 7964.149+/-1.612 χ^2/NDF : 1631994.6/31

In: 8534.473+/-2.462 χ^2/NDF : 568410.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7964.149+/-1.612 χ^2/NDF : 1631994.6/31

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4232.687+/-1060.080 χ^2/NDF : 10.0/14

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

Right Out: 2626.608+/-1014.637 χ^2/NDF : 13.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

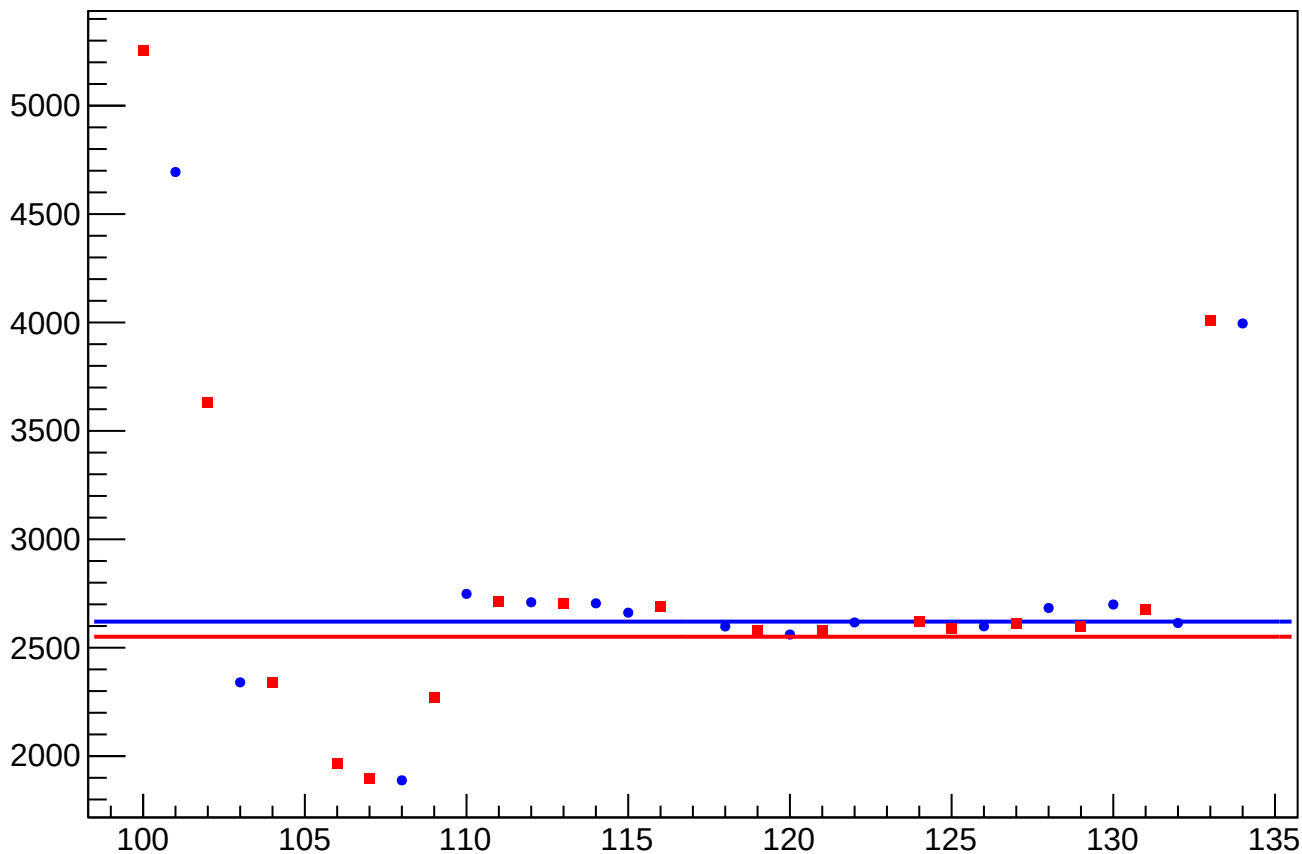
Right: 3394.486+/-732.995 χ^2/NDF : 25.0/31

In: 4232.687+/-1060.080 χ^2/NDF : 10.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3394.486+/-732.995 χ^2/NDF : 25.0/31

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2620.436+/-0.750 χ^2/NDF : 485910.4/14

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

Right Out: 2550.673+/-0.717 χ^2/NDF : 375533.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

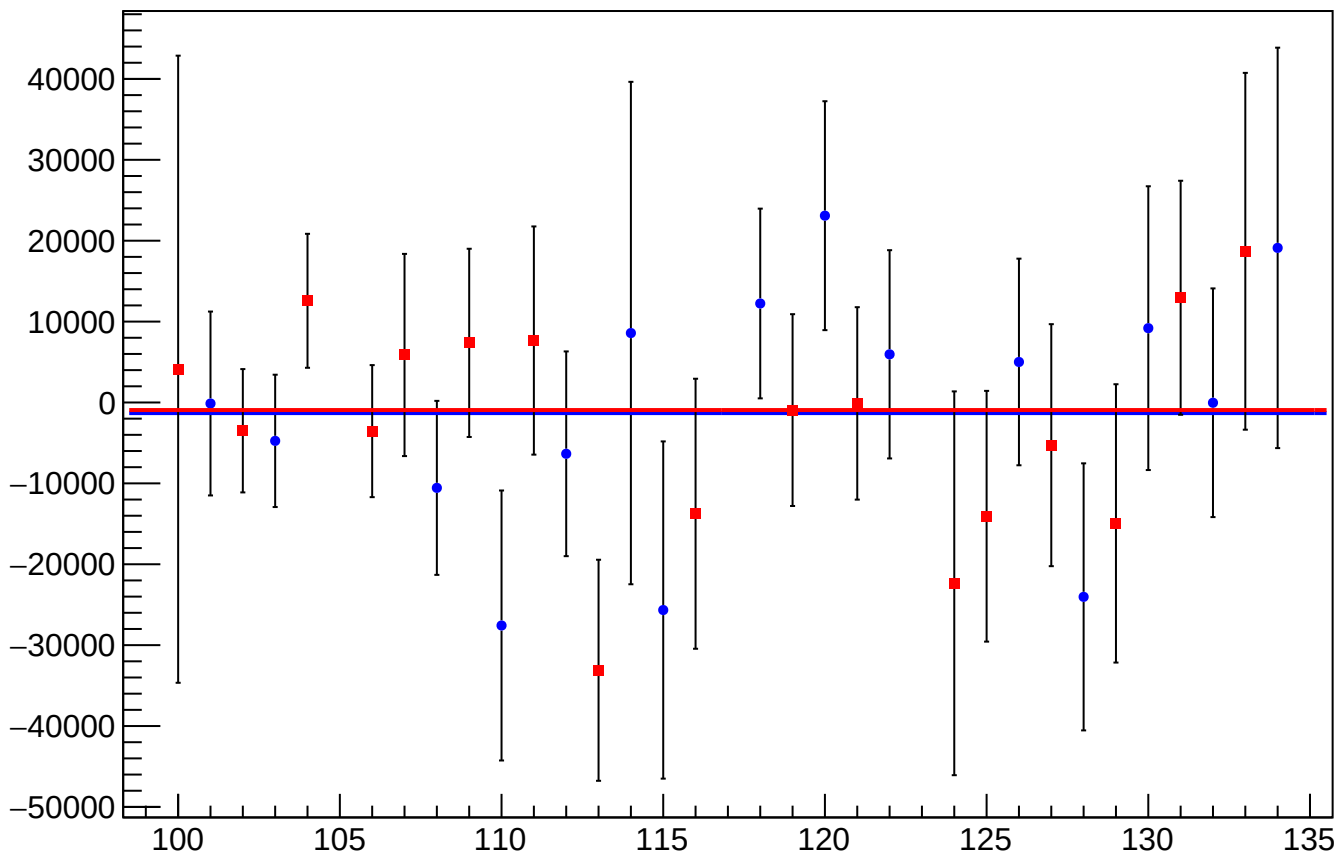
Right: 2584.005+/-0.518 χ^2/NDF : 865966.7/31

In: 2620.436+/-0.750 χ^2/NDF : 485910.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2584.005+/-0.518 χ^2/NDF : 865966.7/31

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1312.517+/-3481.890 χ^2/NDF : 12.8/14

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

Right Out: -935.732+/-3014.758 χ^2/NDF : 14.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

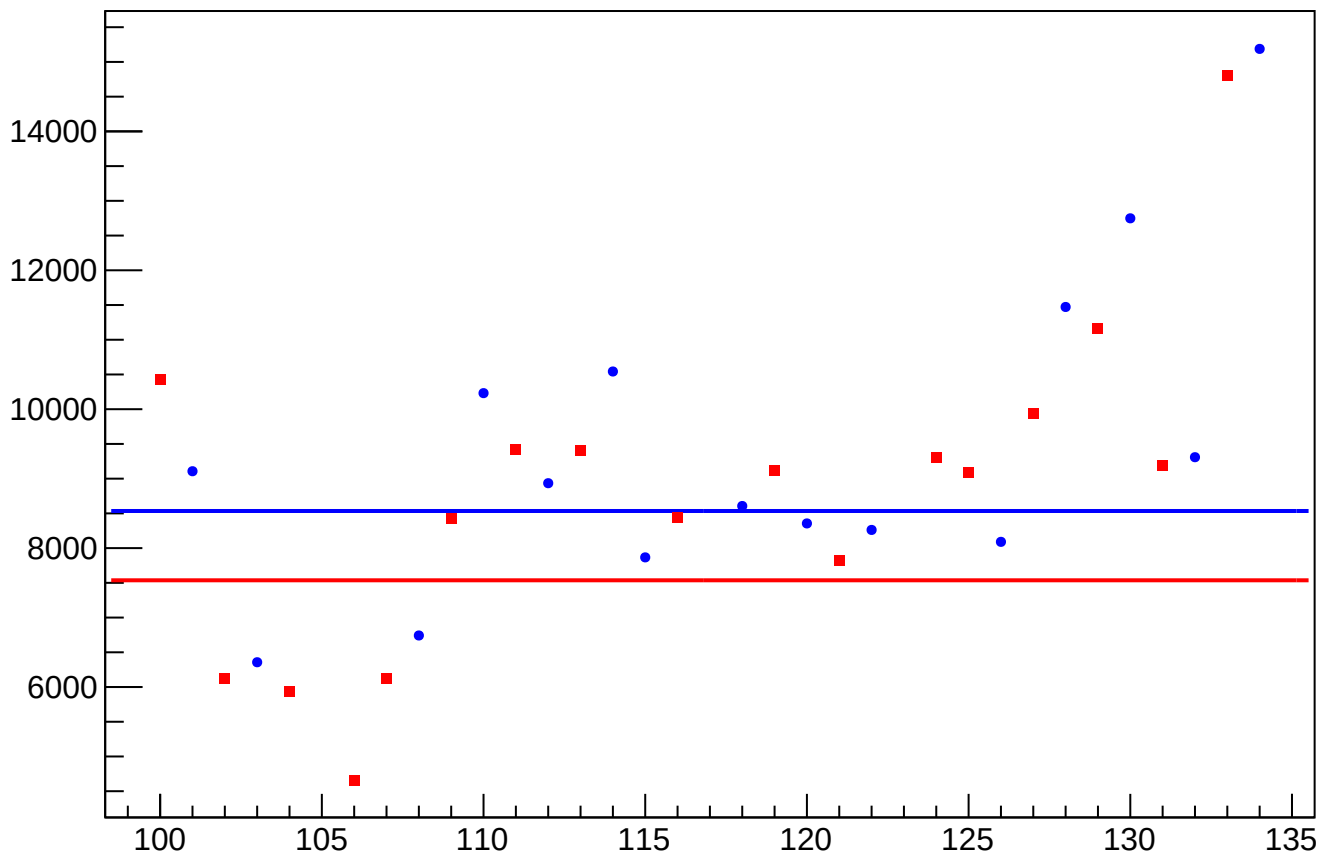
Right: -1097.172+/-2279.153 χ^2/NDF : 27.0/31

In: -1312.517+/-3481.890 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1097.172+/-2279.153 χ^2/NDF : 27.0/31

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8534.456+/-2.462 χ^2/NDF : 568406.2/14

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

Right Out: 7536.576+/-2.132 χ^2/NDF : 969694.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

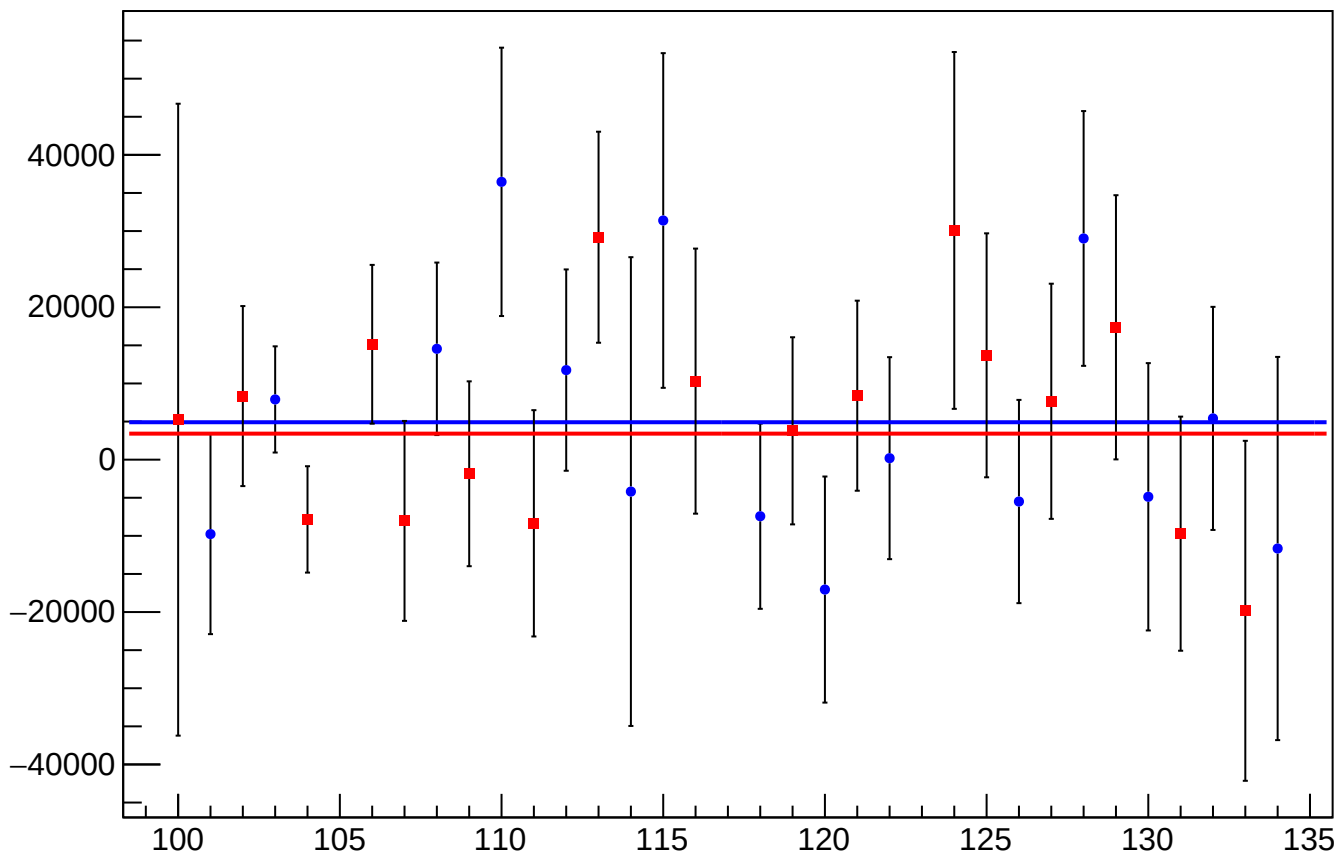
Right: 7964.134+/-1.612 χ^2/NDF : 1631985.9/31

In: 8534.456+/-2.462 χ^2/NDF : 568406.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7964.134+/-1.612 χ^2/NDF : 1631985.9/31

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4911.004+/-3492.591 χ^2/NDF : 14.0/14

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

Right Out: 3414.735+/-3232.334 χ^2/NDF : 13.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

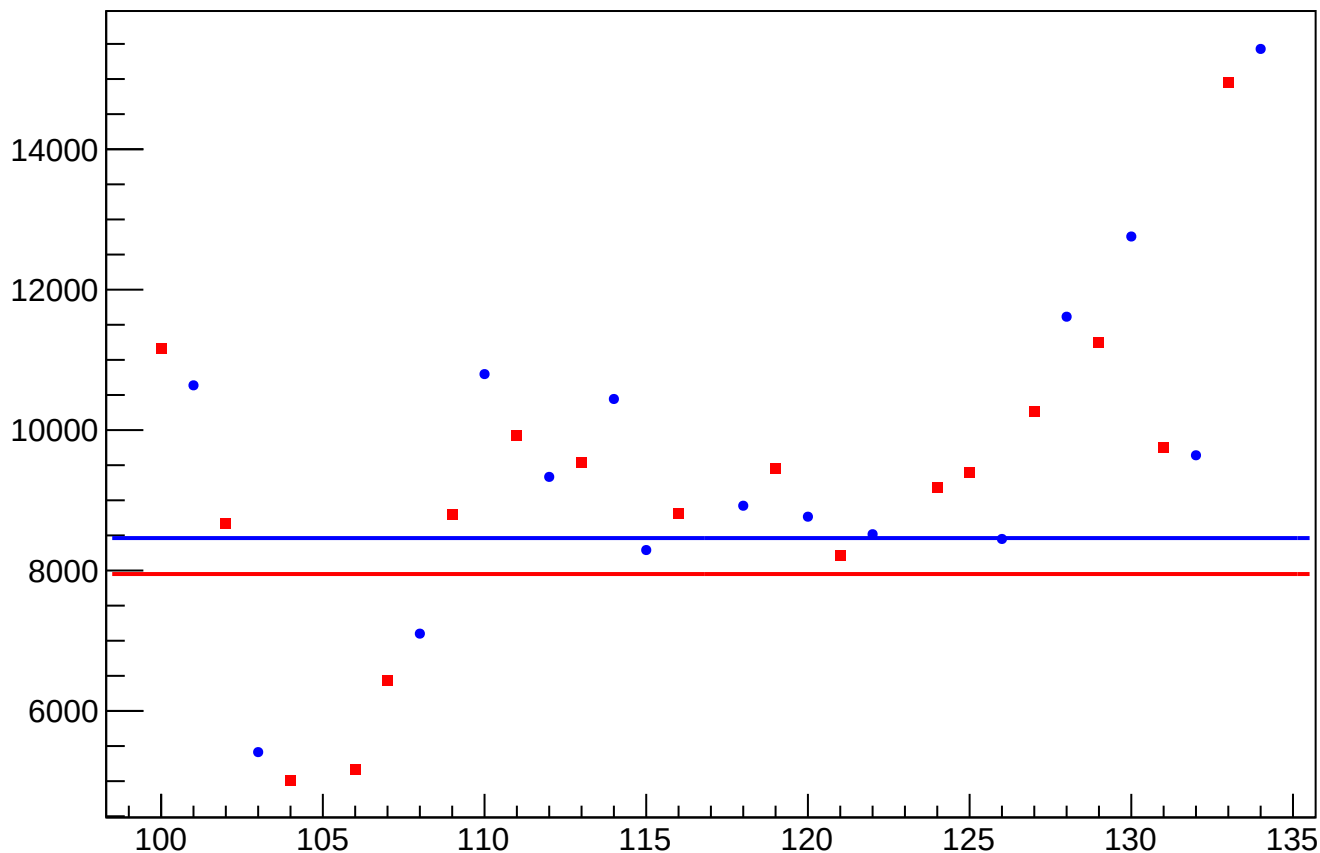
Right: 4105.050+/-2372.283 χ^2/NDF : 27.7/31

In: 4911.004+/-3492.591 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4105.050+/-2372.283 χ^2/NDF : 27.7/31

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8462.065+/-2.470 χ^2/NDF : 880015.1/14

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

Right Out: 7949.911+/-2.286 χ^2/NDF : 1014306.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

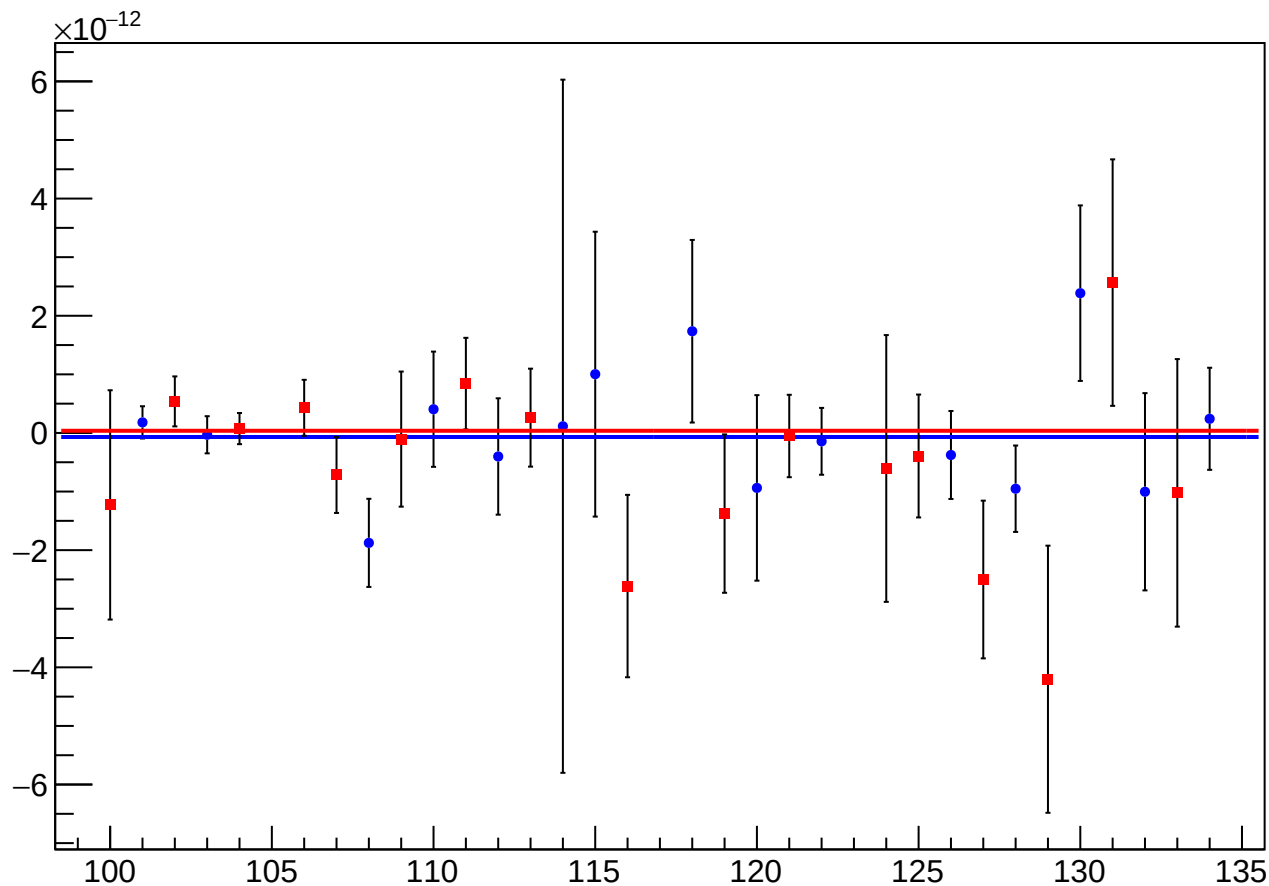
Right: 8186.192+/-1.677 χ^2/NDF : 1917487.2/31

In: 8462.065+/-2.470 χ^2/NDF : 880015.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8186.192+/-1.677 χ^2/NDF : 1917487.2/31

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

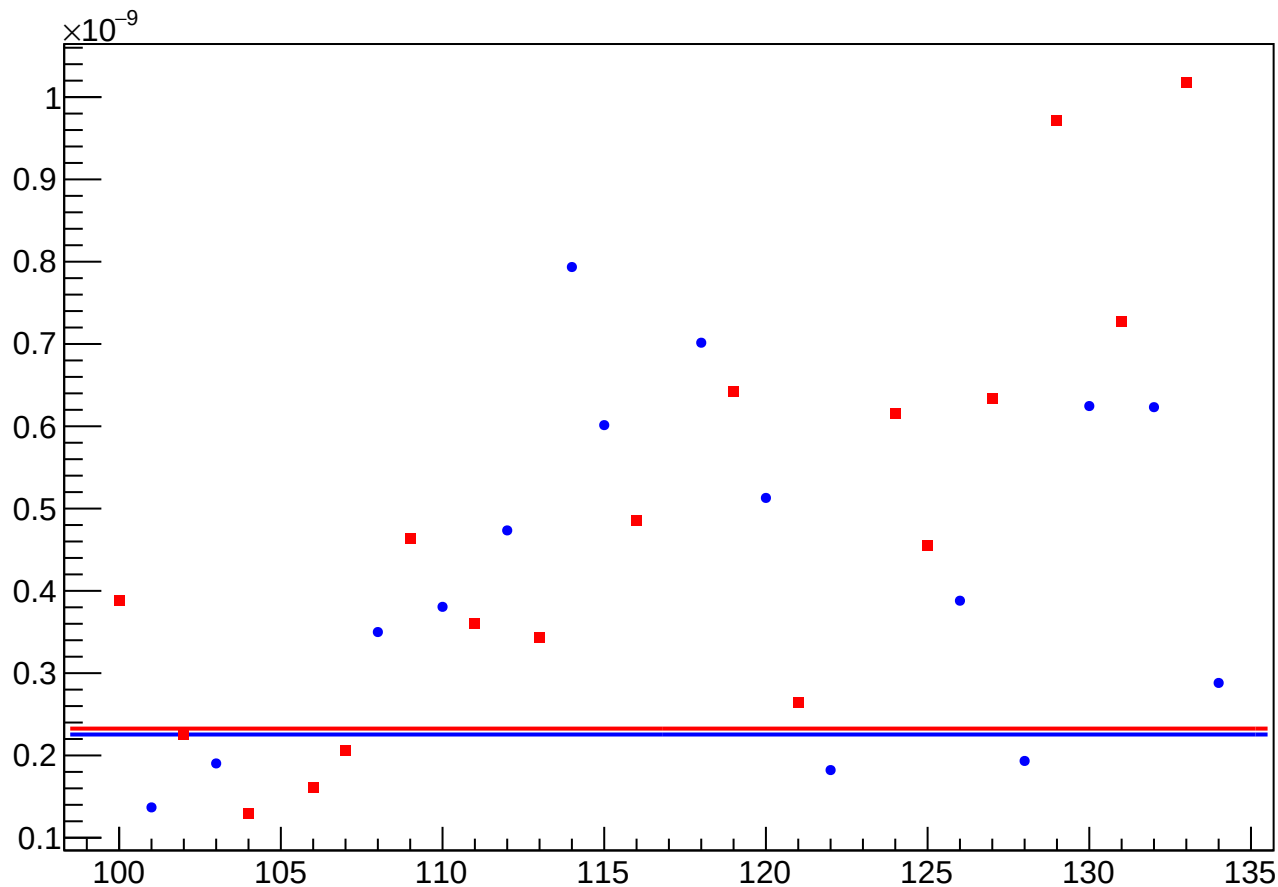
Right: -0.000+/-0.000 χ^2/NDF : 31.7/31

In: -0.000+/-0.000 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.7/31

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1153534.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1656605.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

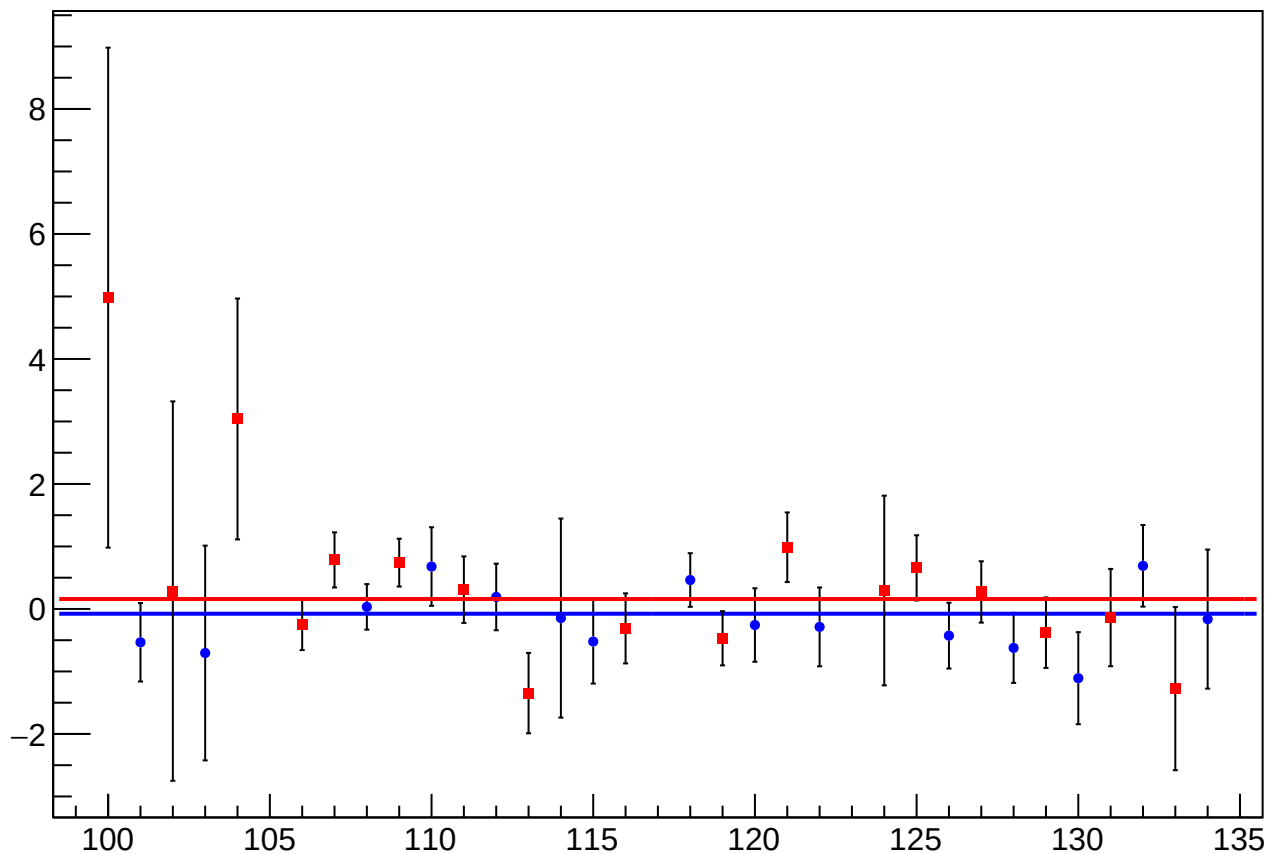
Right: 0.000+/-0.000 χ^2/NDF : 2812013.5/31

In: 0.000+/-0.000 χ^2/NDF : 1153534.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2812013.5/31

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.076 ± 0.155 χ^2/NDF : 9.4/14

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

Right Out: 0.159 ± 0.142 χ^2/NDF : 22.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

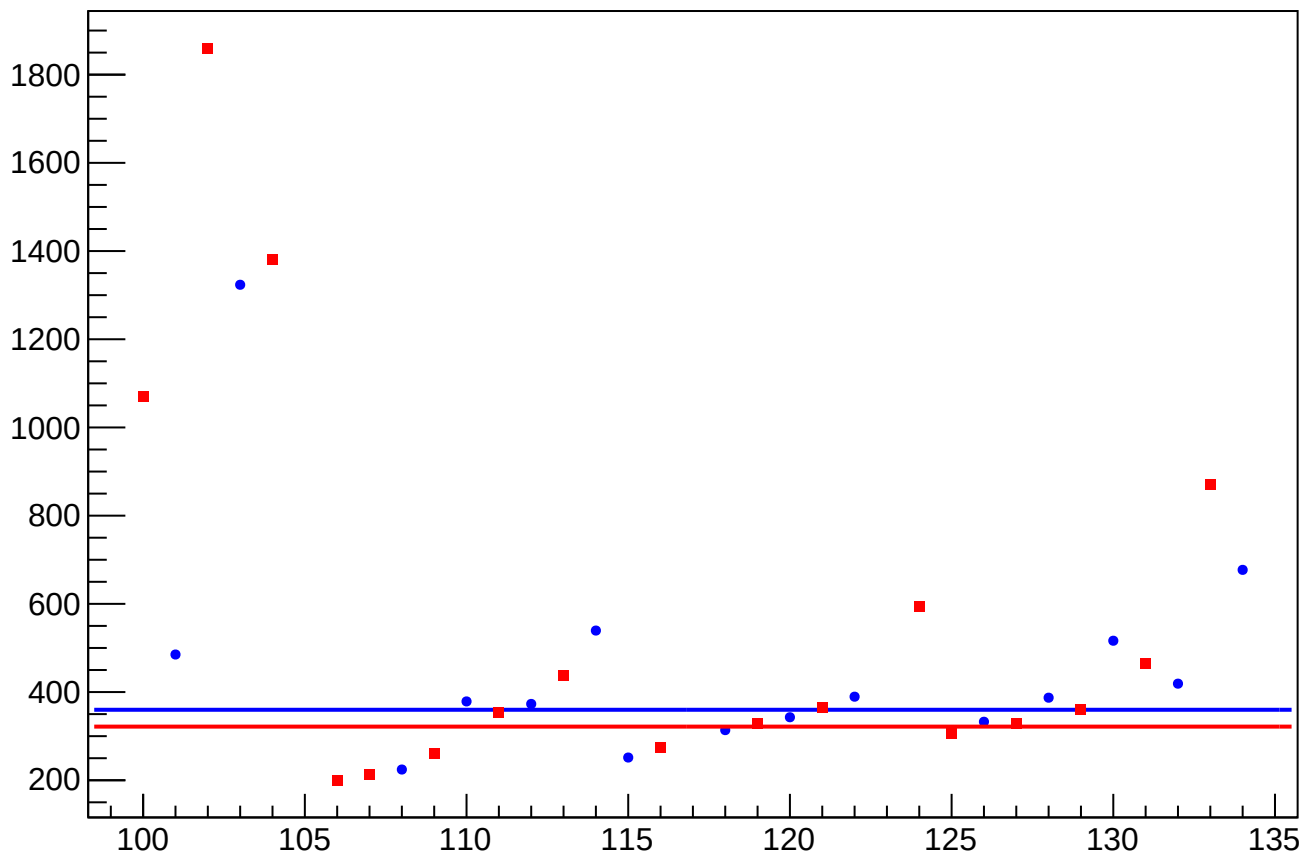
Right: 0.051 ± 0.105 χ^2/NDF : 33.5/31

In: -0.076 ± 0.155 χ^2/NDF : 9.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.051 ± 0.105 χ^2/NDF : 33.5/31

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.828+/-0.110 χ^2/NDF : 1374132.1/14

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

Right Out: 321.648+/-0.100 χ^2/NDF : 2128812.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

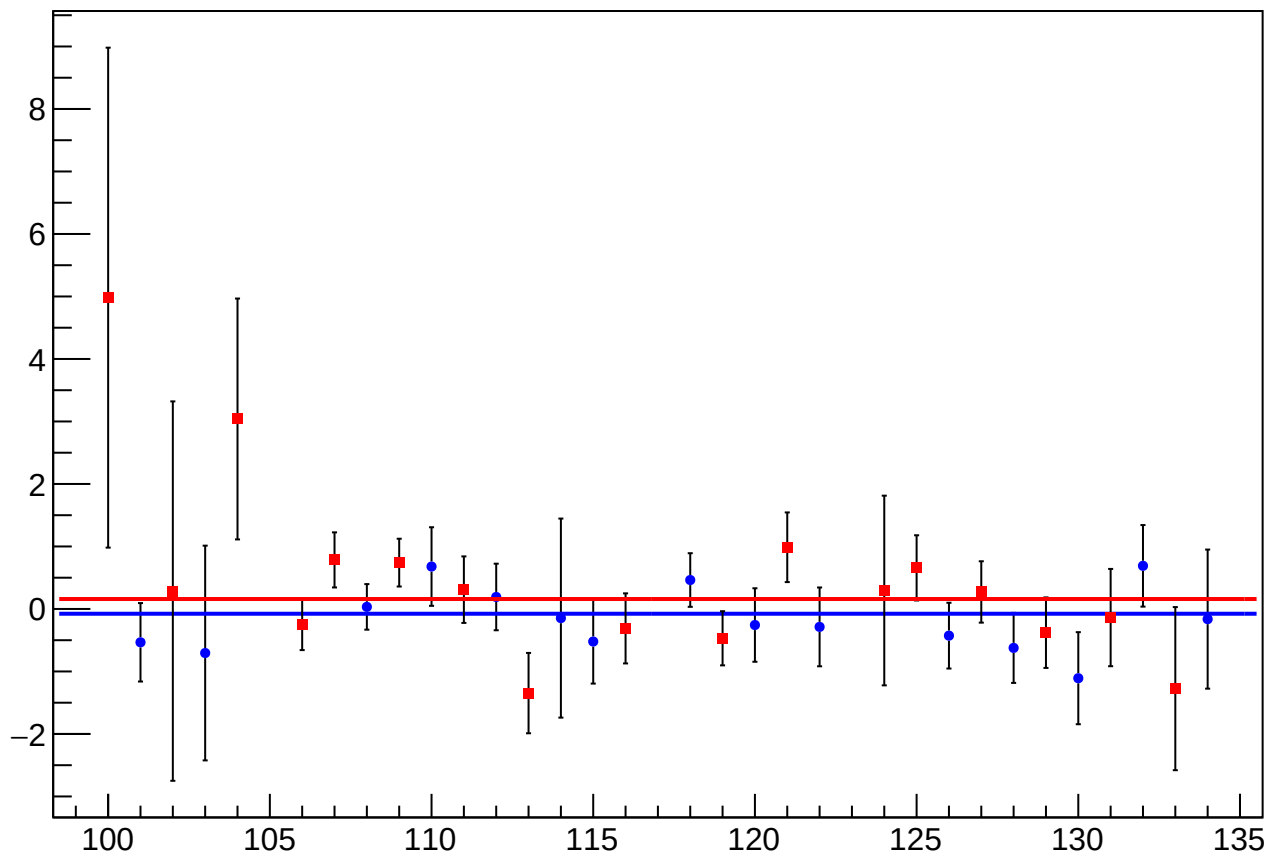
Right: 339.094+/-0.074 χ^2/NDF : 3568955.0/31

In: 359.828+/-0.110 χ^2/NDF :1374132.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 339.094+/-0.074 χ^2/NDF : 3568955.0/31

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.076 ± 0.155 χ^2/NDF : 9.4/14

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

Right Out: 0.159 ± 0.142 χ^2/NDF : 22.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

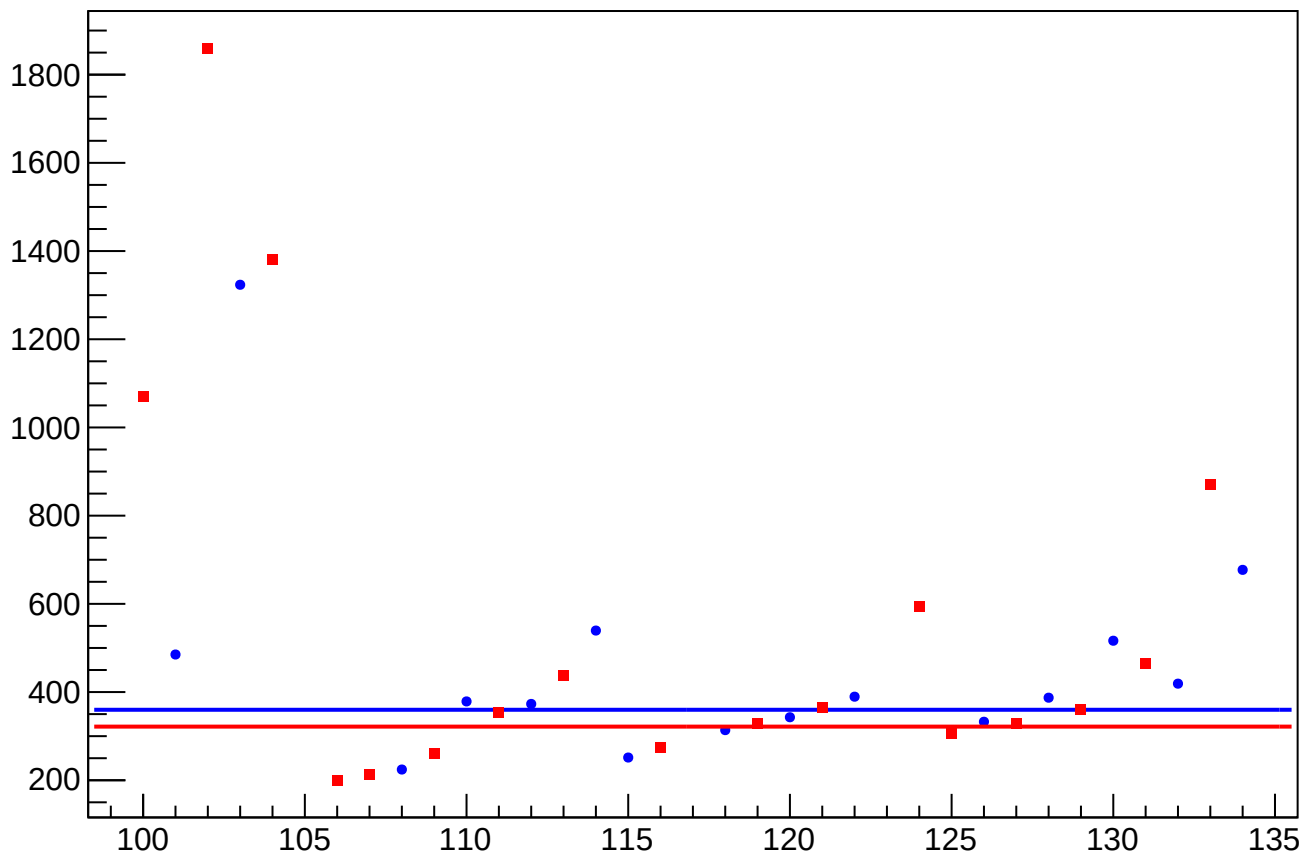
Right: 0.051 ± 0.105 χ^2/NDF : 33.5/31

In: -0.076 ± 0.155 χ^2/NDF : 9.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.051 ± 0.105 χ^2/NDF : 33.5/31

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.828+/-0.110 χ^2/NDF : 1374132.1/14

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

Right Out: 321.648+/-0.100 χ^2/NDF : 2128812.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

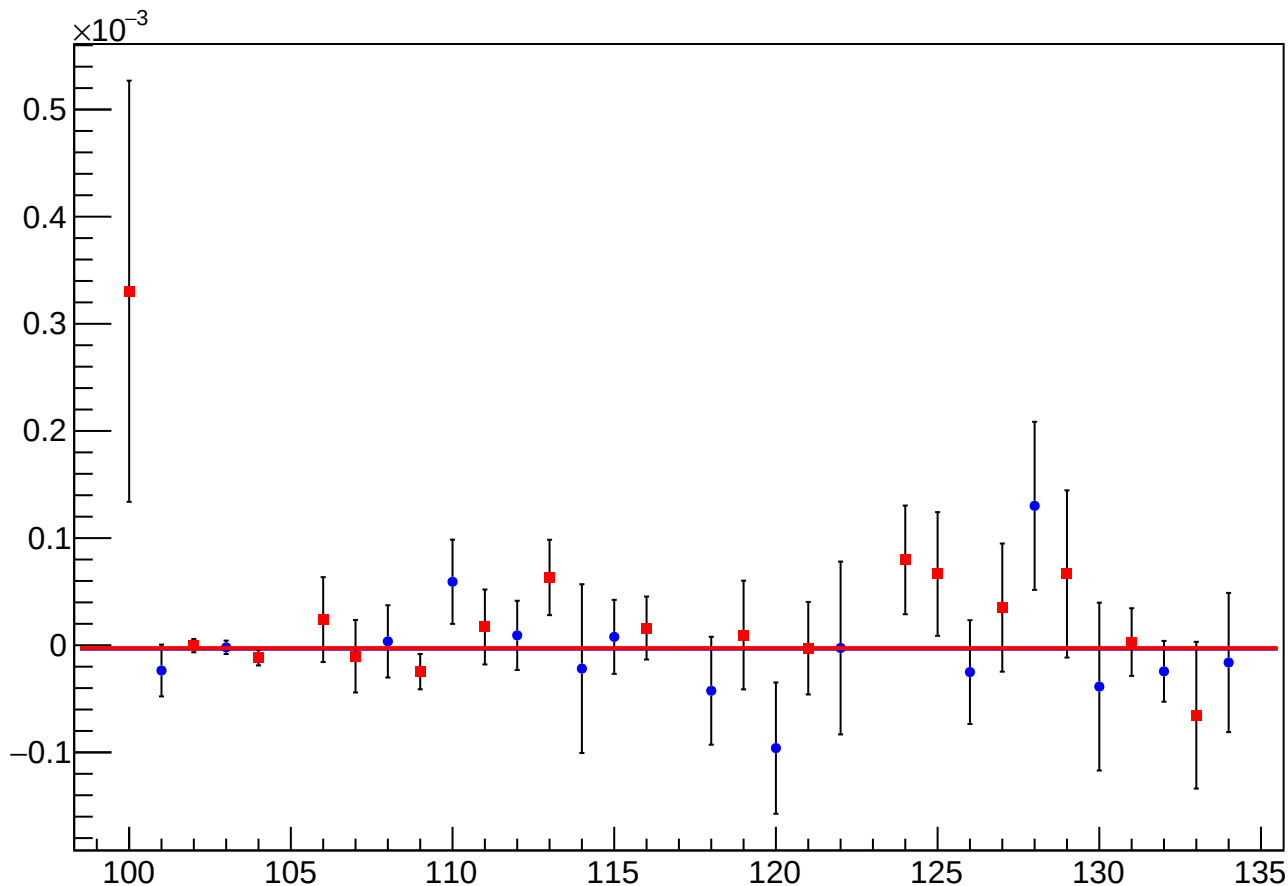
Right: 339.094+/-0.074 χ^2/NDF : 3568955.0/31

In: 359.828+/-0.110 χ^2/NDF :1374132.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 339.094+/-0.074 χ^2/NDF : 3568955.0/31

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 17.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

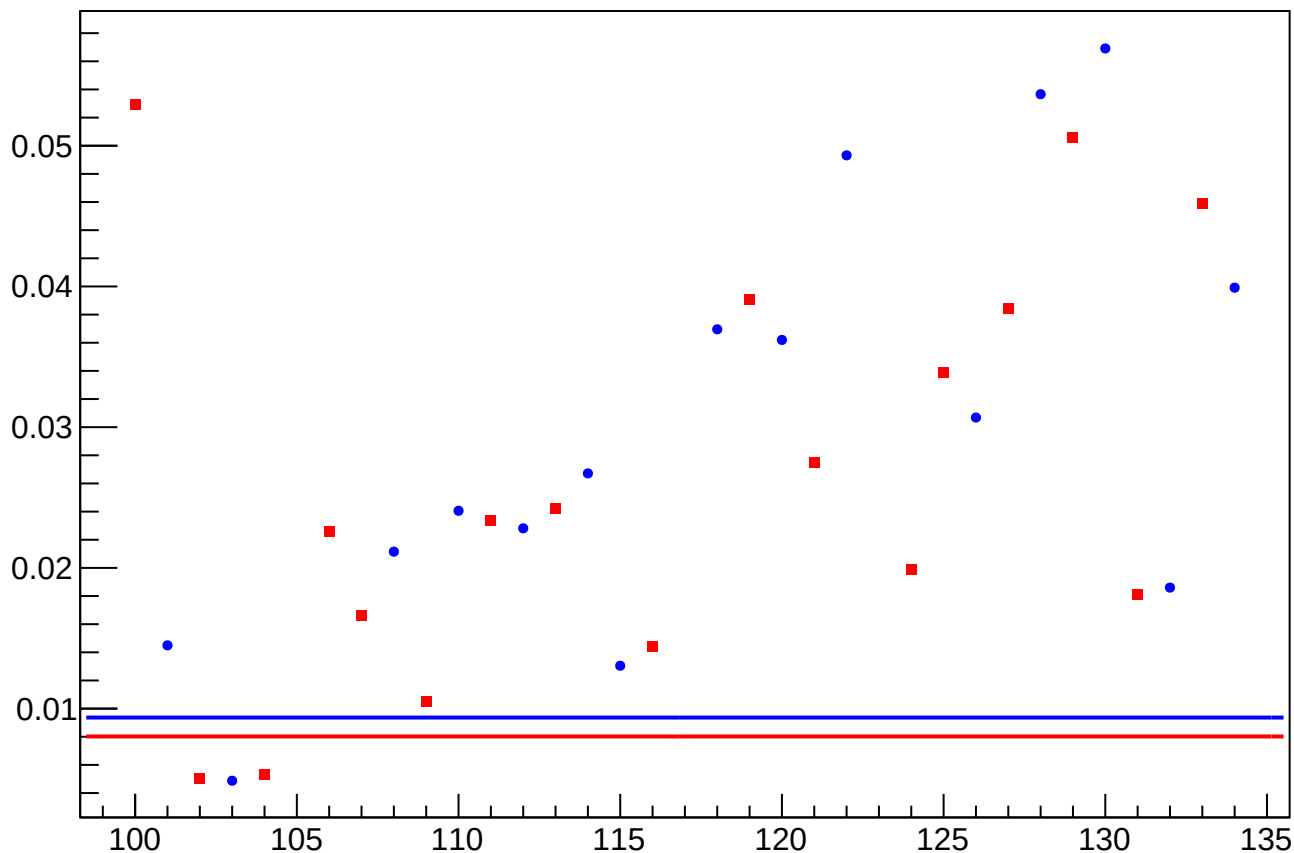
Right: -0.000+/-0.000 χ^2/NDF : 27.6/31

In: -0.000+/-0.000 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.6/31

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 5997613.4/14

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

Right Out: 0.008+/-0.000 χ^2/NDF : 5791532.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

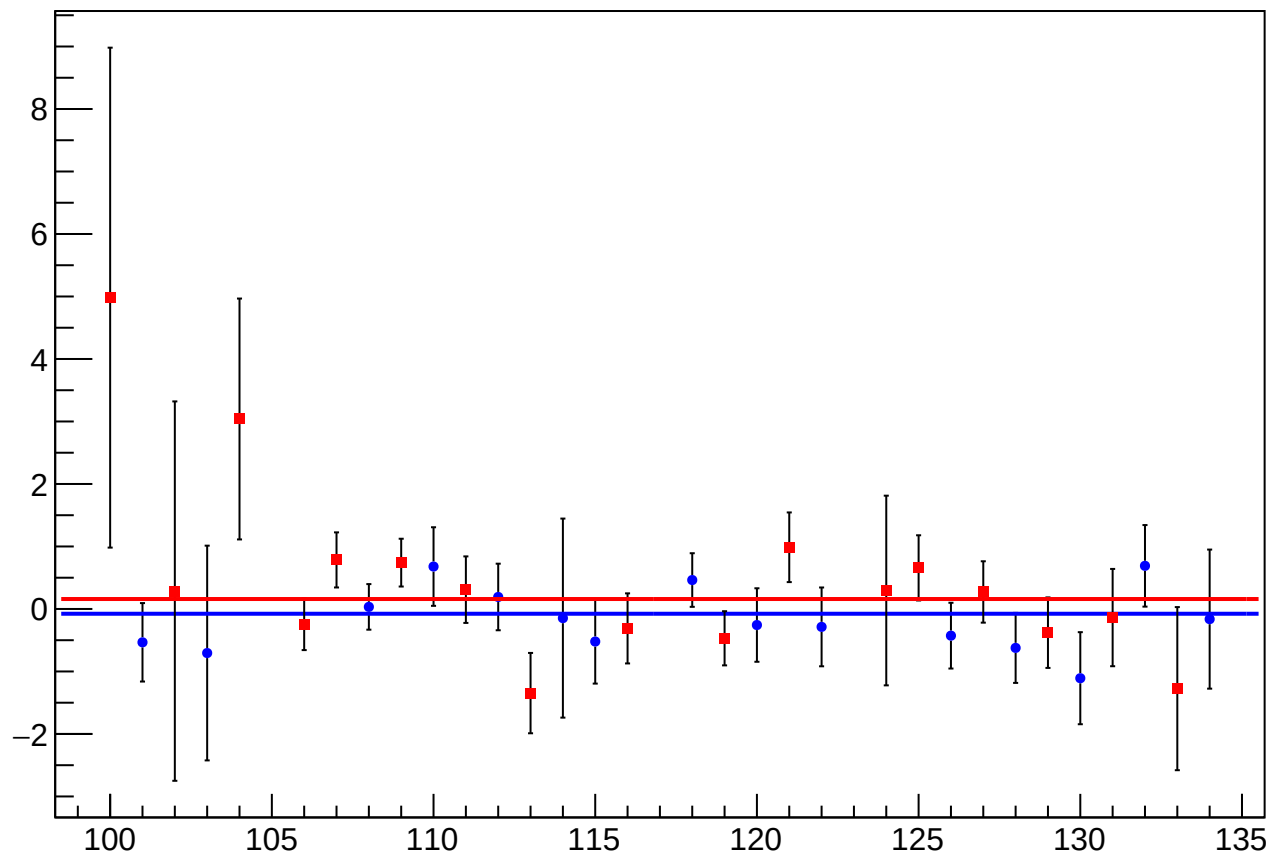
Right: 0.009+/-0.000 χ^2/NDF : 11865082.4/31

In: 0.009+/-0.000 χ^2/NDF : 5997613.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 11865082.4/31

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.077+/-0.155 χ^2/NDF : 9.4/14

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

Right Out: 0.159+/-0.142 χ^2/NDF : 22.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

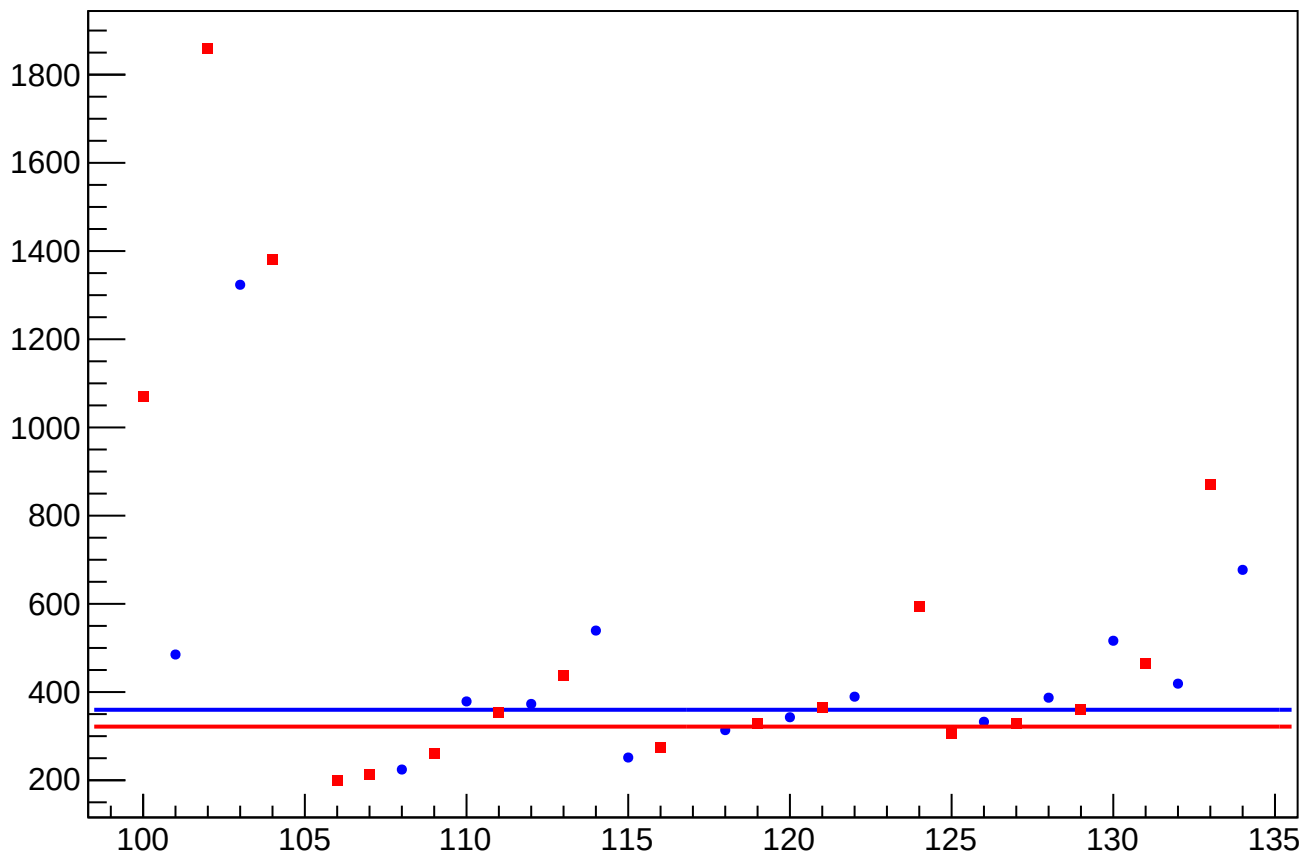
Right: 0.051+/-0.105 χ^2/NDF : 33.5/31

In: -0.077+/-0.155 χ^2/NDF :9.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.051+/-0.105 χ^2/NDF : 33.5/31

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.824+/-0.110 χ^2/NDF : 1374129.6/14

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

Right Out: 321.646+/-0.100 χ^2/NDF : 2128785.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

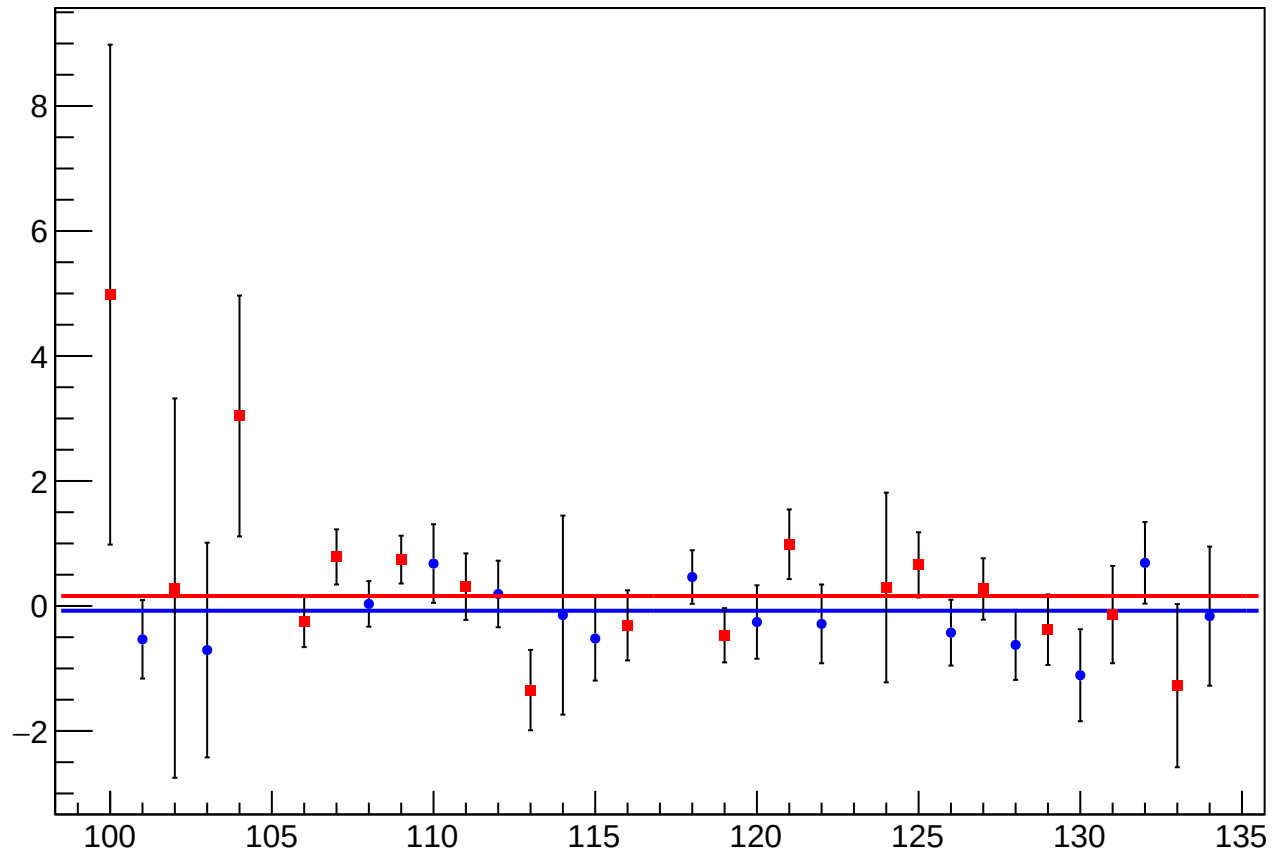
Right: 339.091+/-0.074 χ^2/NDF : 3568917.1/31

In: 359.824+/-0.110 χ^2/NDF : 1374129.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.091+/-0.074 χ^2/NDF : 3568917.1/31

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.077 ± 0.155 χ^2/NDF : 9.4/14

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

Right Out: 0.159 ± 0.142 χ^2/NDF : 22.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

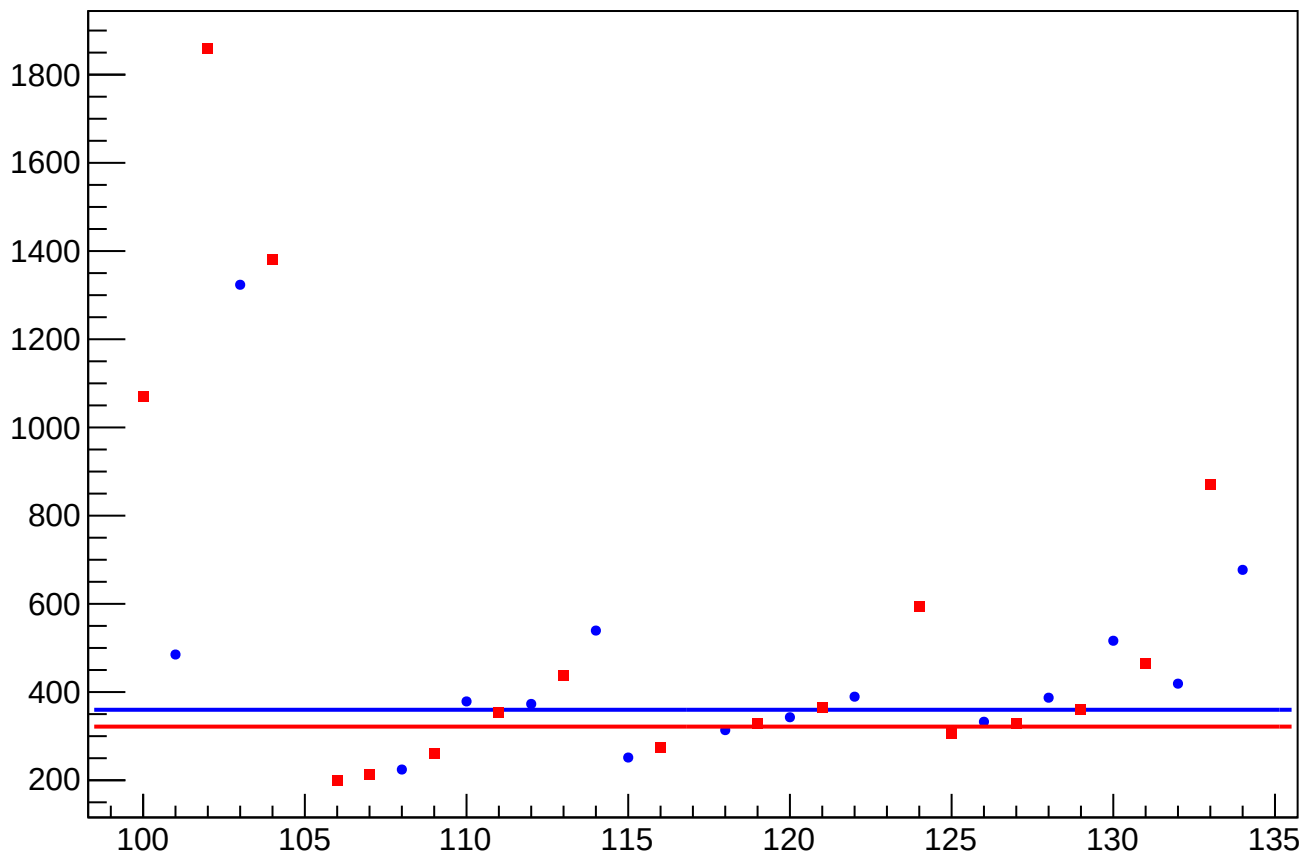
Right: 0.051 ± 0.105 χ^2/NDF : 33.5/31

In: -0.077 ± 0.155 χ^2/NDF : 9.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.051 ± 0.105 χ^2/NDF : 33.5/31

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.824+/-0.110 χ^2/NDF : 1374129.6/14

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

Right Out: 321.646+/-0.100 χ^2/NDF : 2128785.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

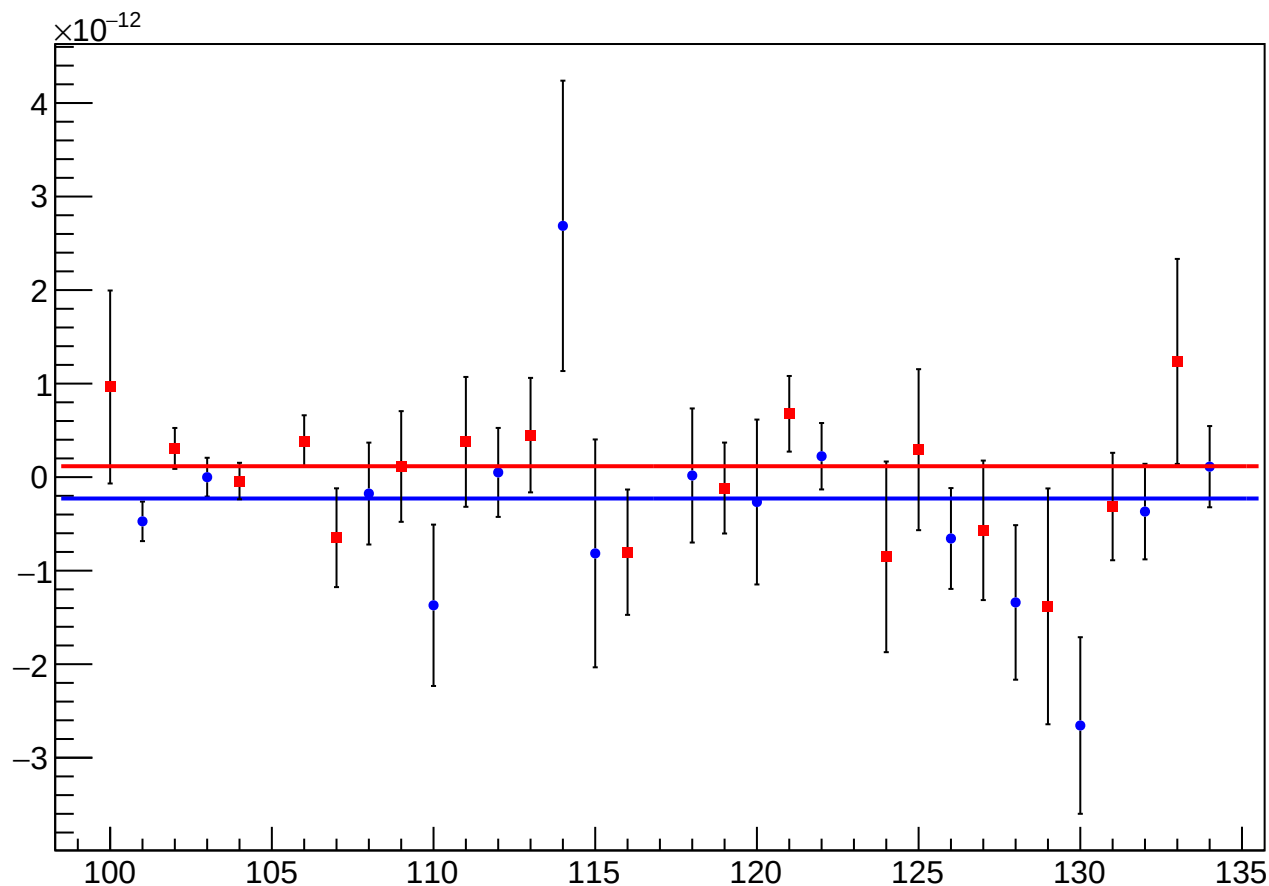
Right: 339.091+/-0.074 χ^2/NDF : 3568917.1/31

In: 359.824+/-0.110 χ^2/NDF :1374129.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 339.091+/-0.074 χ^2/NDF : 3568917.1/31

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 19.9/14

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

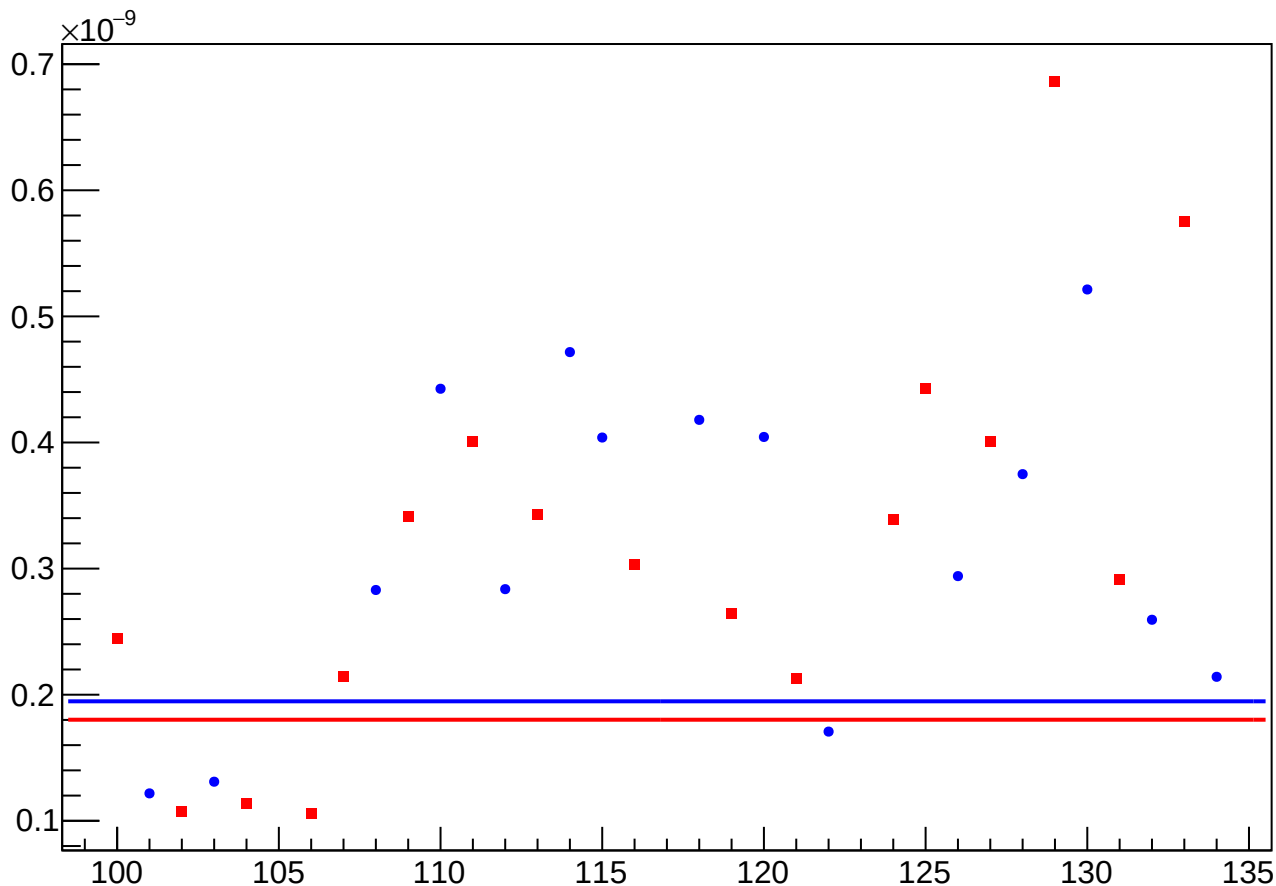
Right: -0.000+/-0.000 χ^2 /NDF: 39.5/31

In: -0.000+/-0.000 χ^2 /NDF:19.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 39.5/31

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1592096.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2313942.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

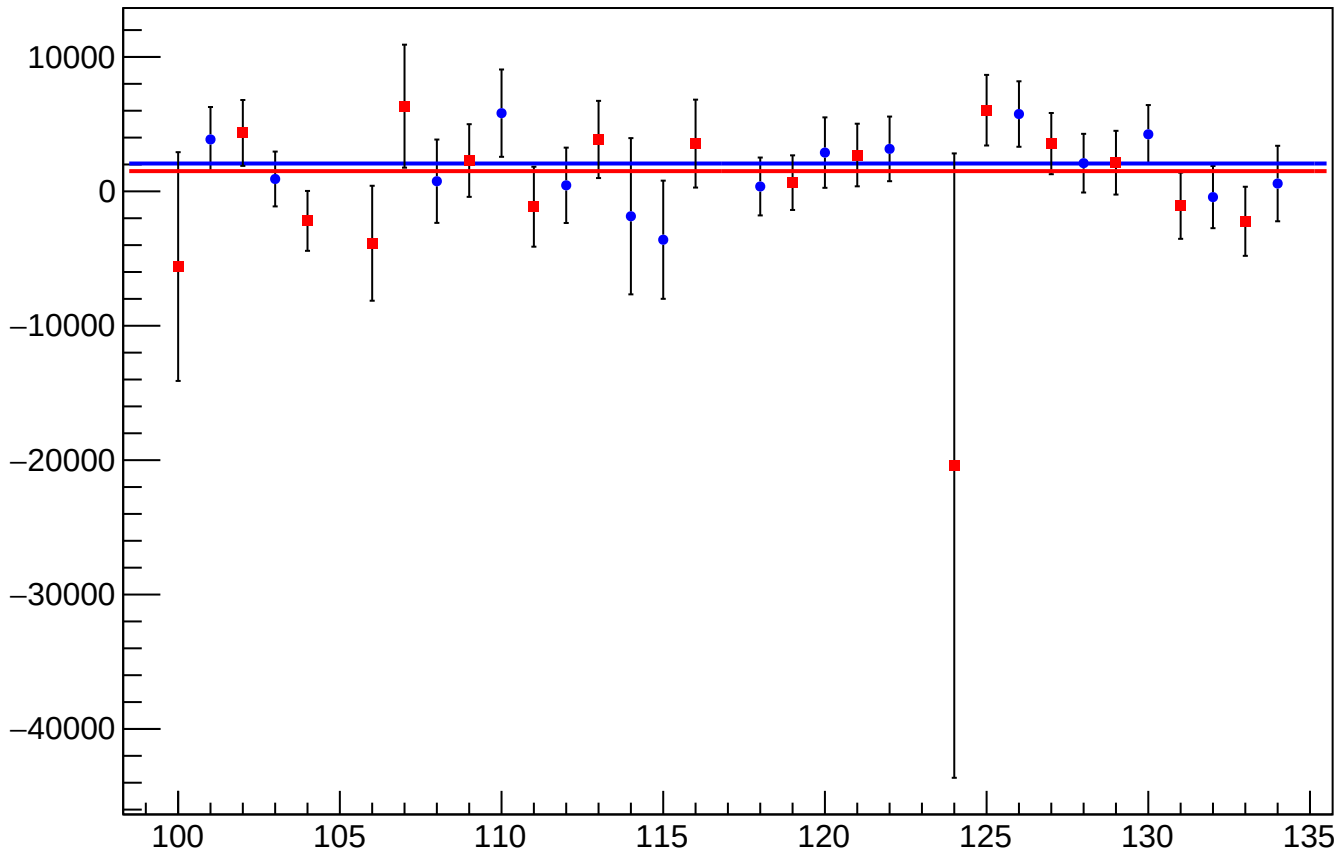
Right: 0.000+/-0.000 χ^2/NDF : 3924711.8/31

In: 0.000+/-0.000 χ^2/NDF : 1592096.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3924711.8/31

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2071.852+/-665.589 χ^2/NDF : 10.5/14

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

Right Out: 1504.960+/-672.865 χ^2/NDF : 17.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

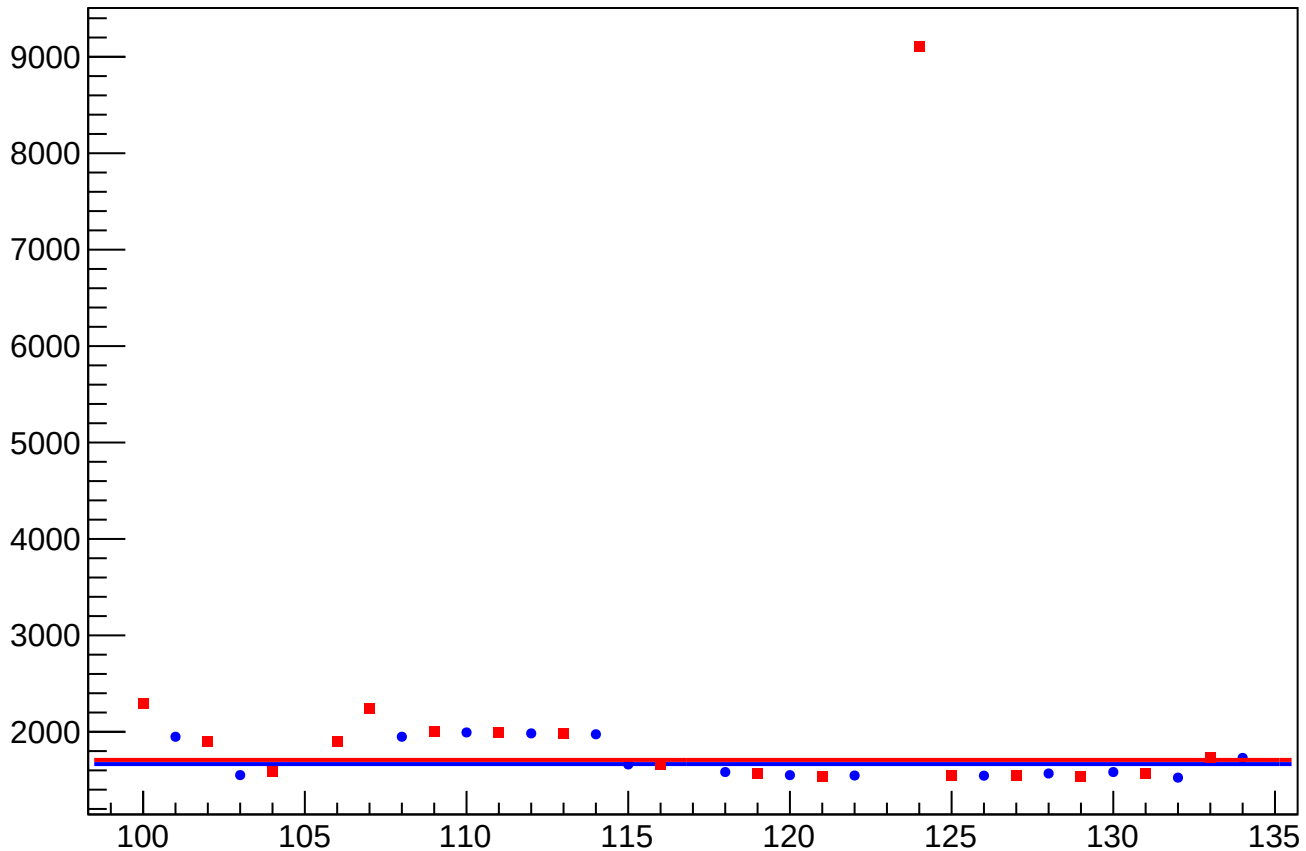
Right: 1791.488+/-473.194 χ^2/NDF : 28.7/31

In: 2071.852+/-665.589 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1791.488+/-473.194 χ^2/NDF : 28.7/31

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1665.250+/-0.471 χ^2/NDF : 134237.8/14

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

Right Out: 1708.671+/-0.473 χ^2/NDF : 378294.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

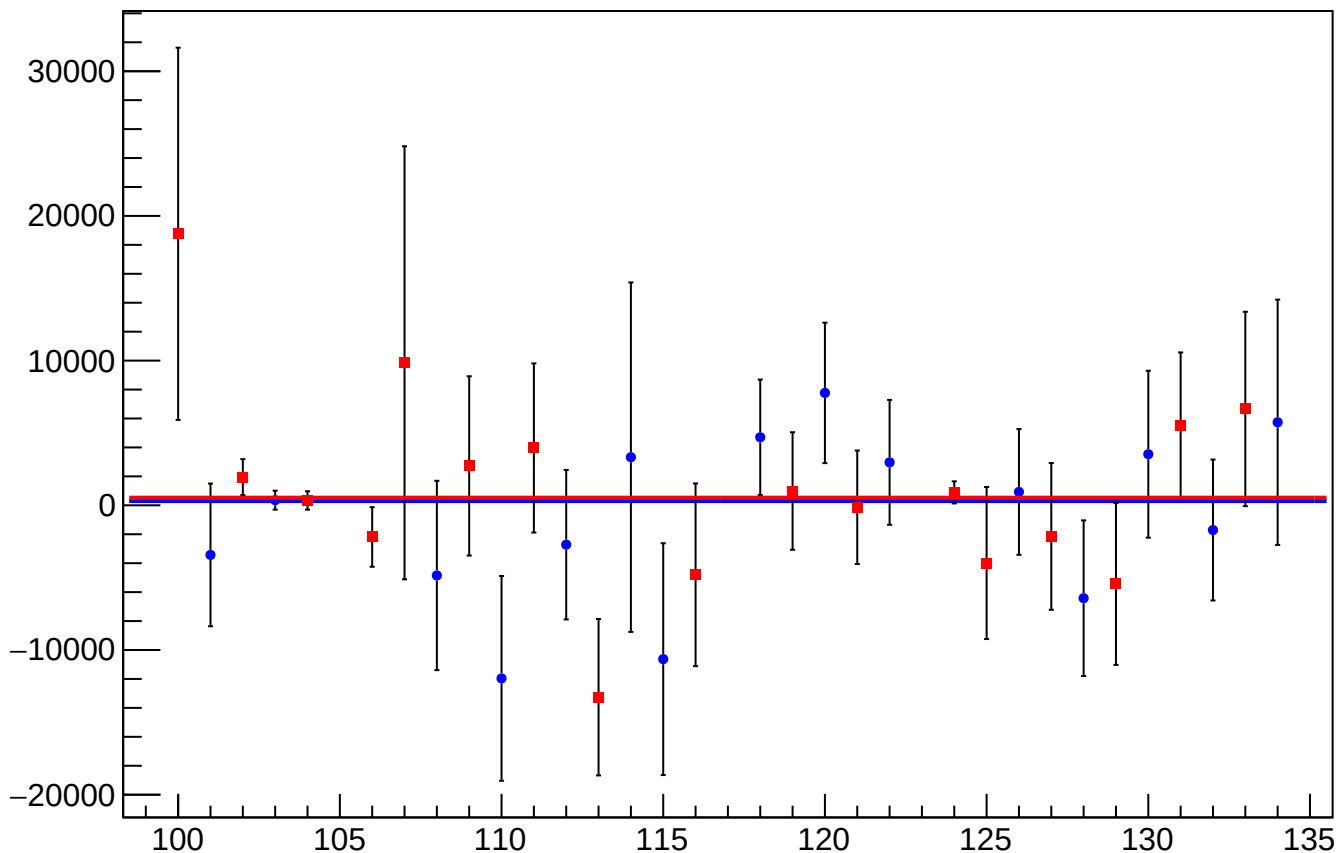
Right: 1686.837+/-0.334 χ^2/NDF : 516763.8/31

In: 1665.250+/-0.471 χ^2/NDF : 134237.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.837+/-0.334 χ^2/NDF : 516763.8/31

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 291.579+/-595.996 χ^2/NDF : 12.9/14

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

Right Out: 527.012+/-426.038 χ^2/NDF : 17.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

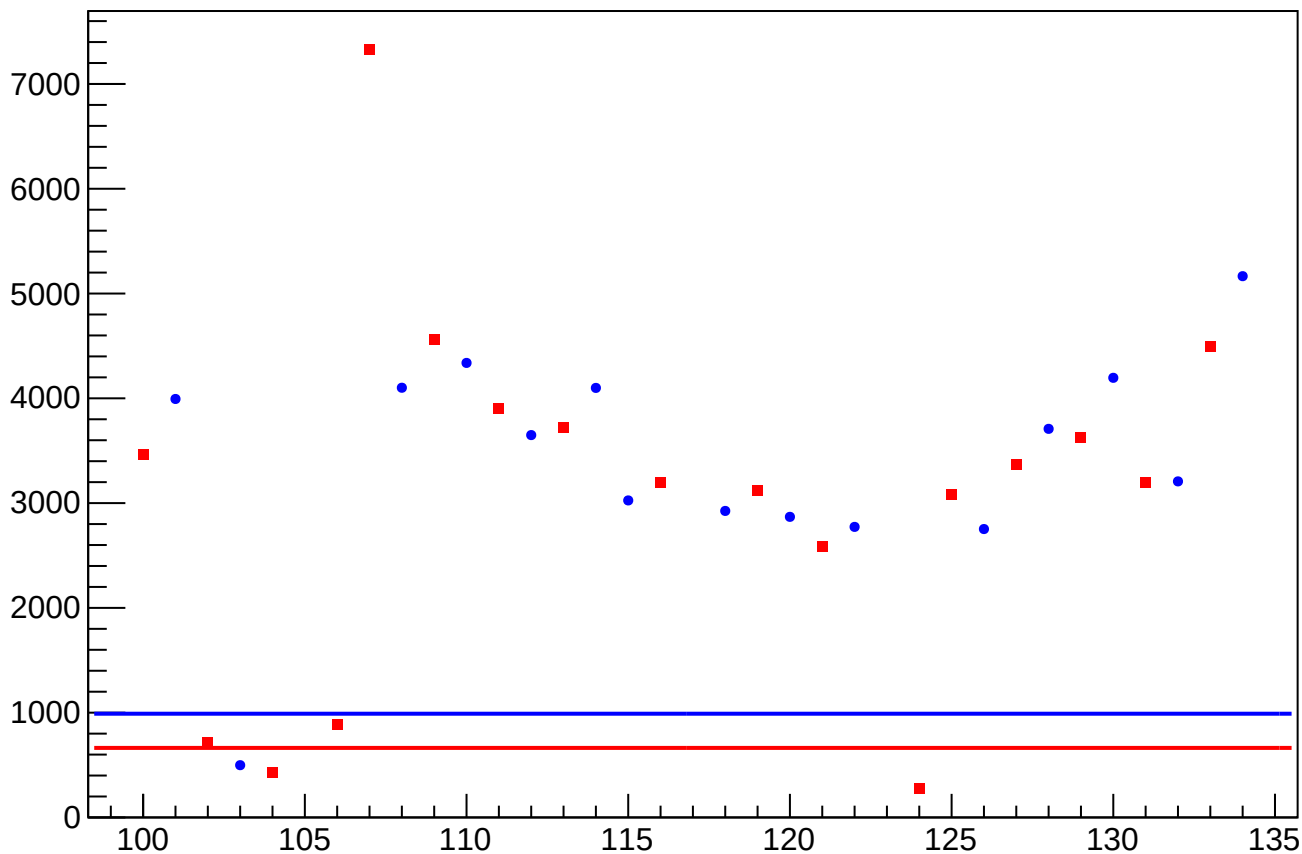
Right: 447.393+/-346.592 χ^2/NDF : 30.5/31

In: 291.579+/-595.996 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.393+/-346.592 χ^2/NDF : 30.5/31

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 990.054+/-0.421 χ^2/NDF : 7031575.4/14

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

Right Out: 663.734+/-0.301 χ^2/NDF : 7589190.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

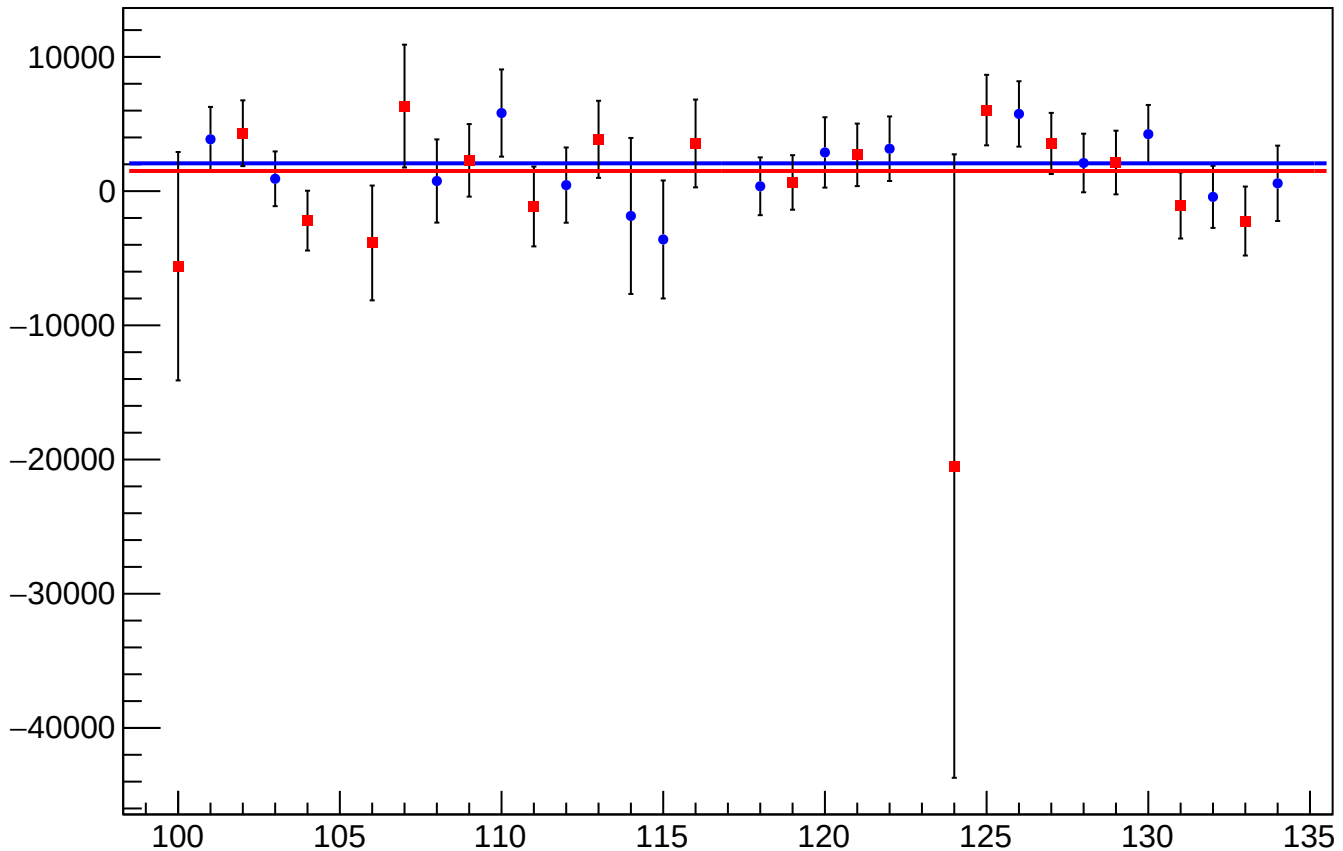
Right: 774.090+/-0.245 χ^2/NDF : 15017564.0/31

In: 990.054+/-0.421 χ^2/NDF : 7031575.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.090+/-0.245 χ^2/NDF : 15017564.0/31

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2072.016+/-665.589 χ^2/NDF : 10.5/14

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

Right Out: 1502.166+/-672.871 χ^2/NDF : 17.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

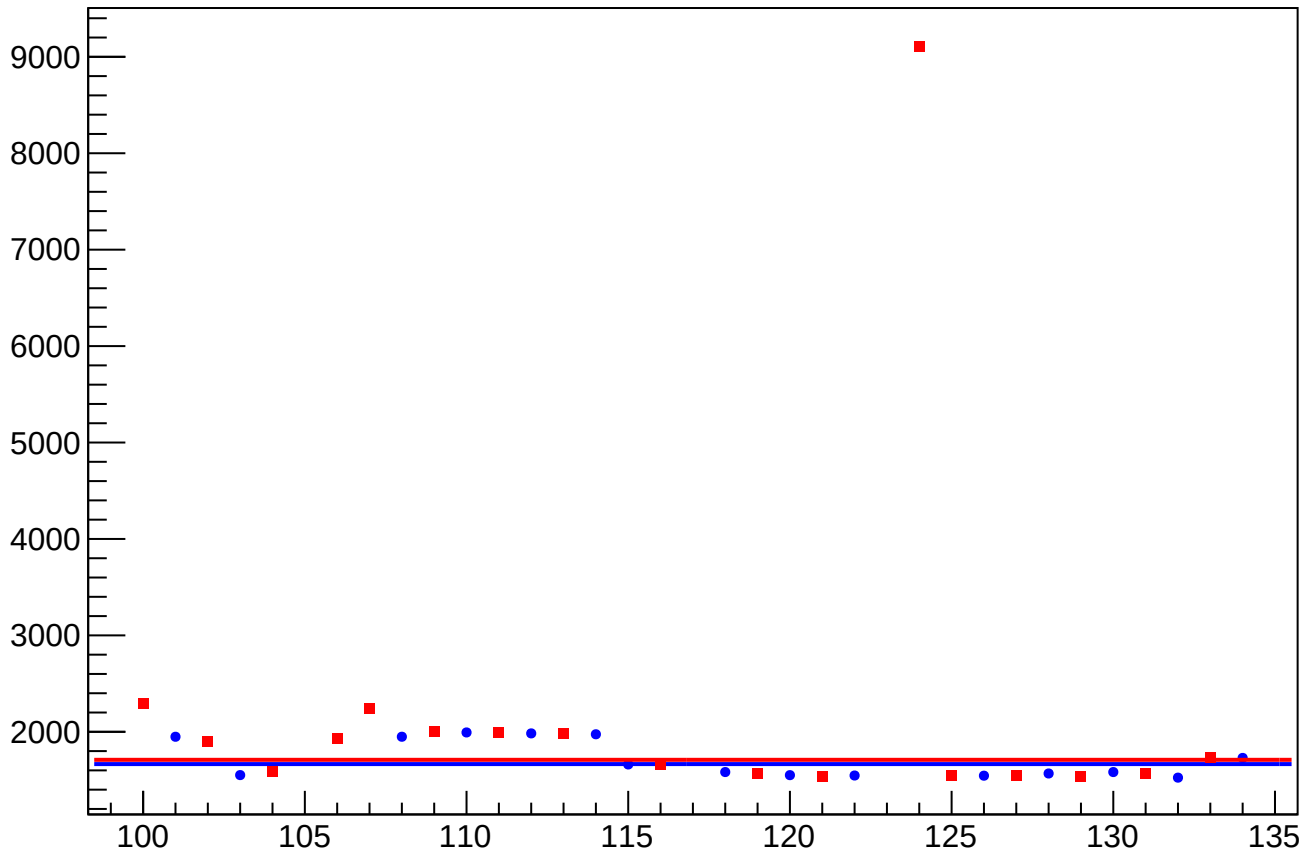
Right: 1790.191+/-473.196 χ^2/NDF : 28.7/31

In: 2072.016+/-665.589 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.191+/-473.196 χ^2/NDF : 28.7/31

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1665.249+/-0.471 χ^2/NDF : 134237.9/14

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

Right Out: 1709.576+/-0.474 χ^2/NDF : 380115.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

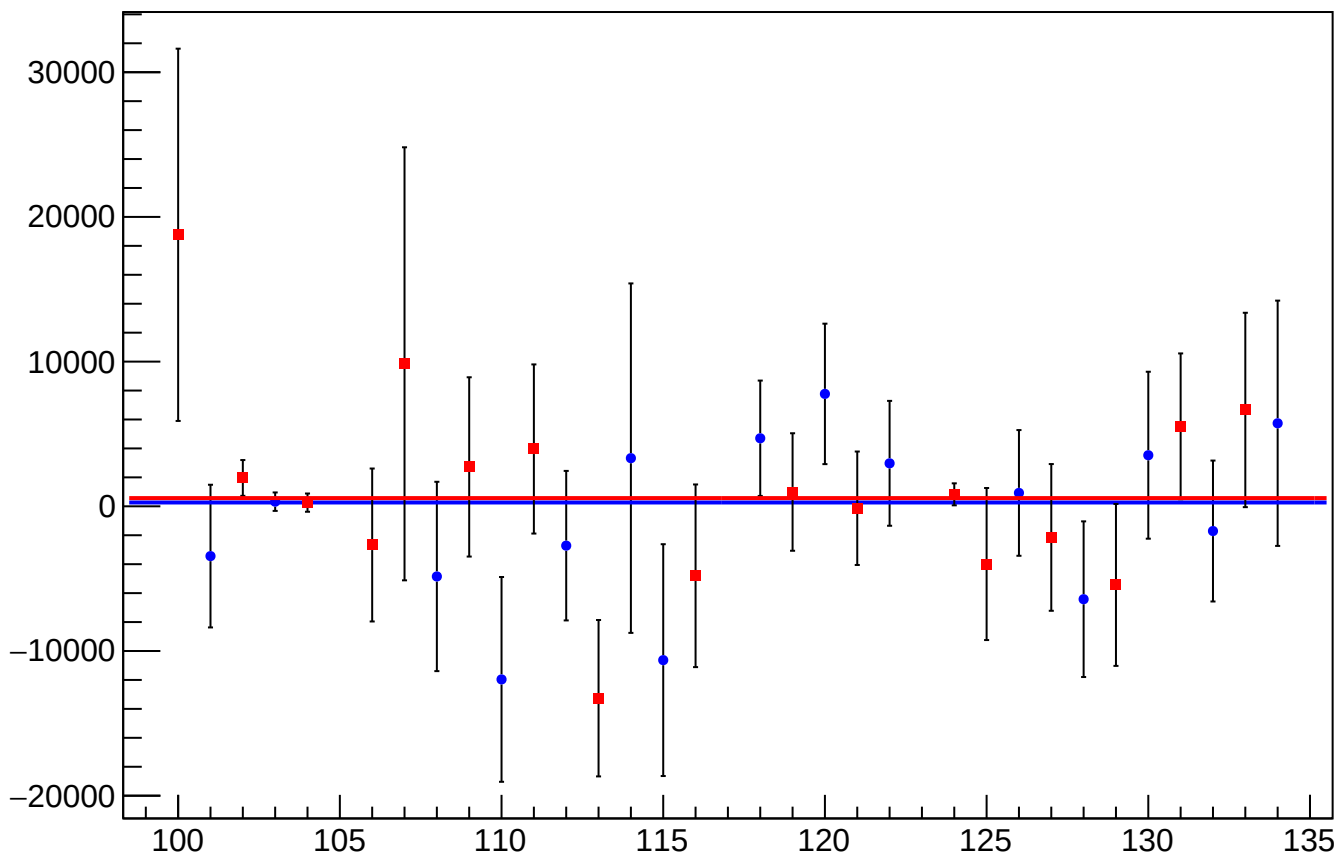
Right: 1687.275+/-0.334 χ^2/NDF : 518760.6/31

In: 1665.249+/-0.471 χ^2/NDF : 134237.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.275+/-0.334 χ^2/NDF : 518760.6/31

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.415+/-583.476 χ^2/NDF : 12.9/14

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

Right Out: 567.787+/-431.930 χ^2/NDF : 16.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

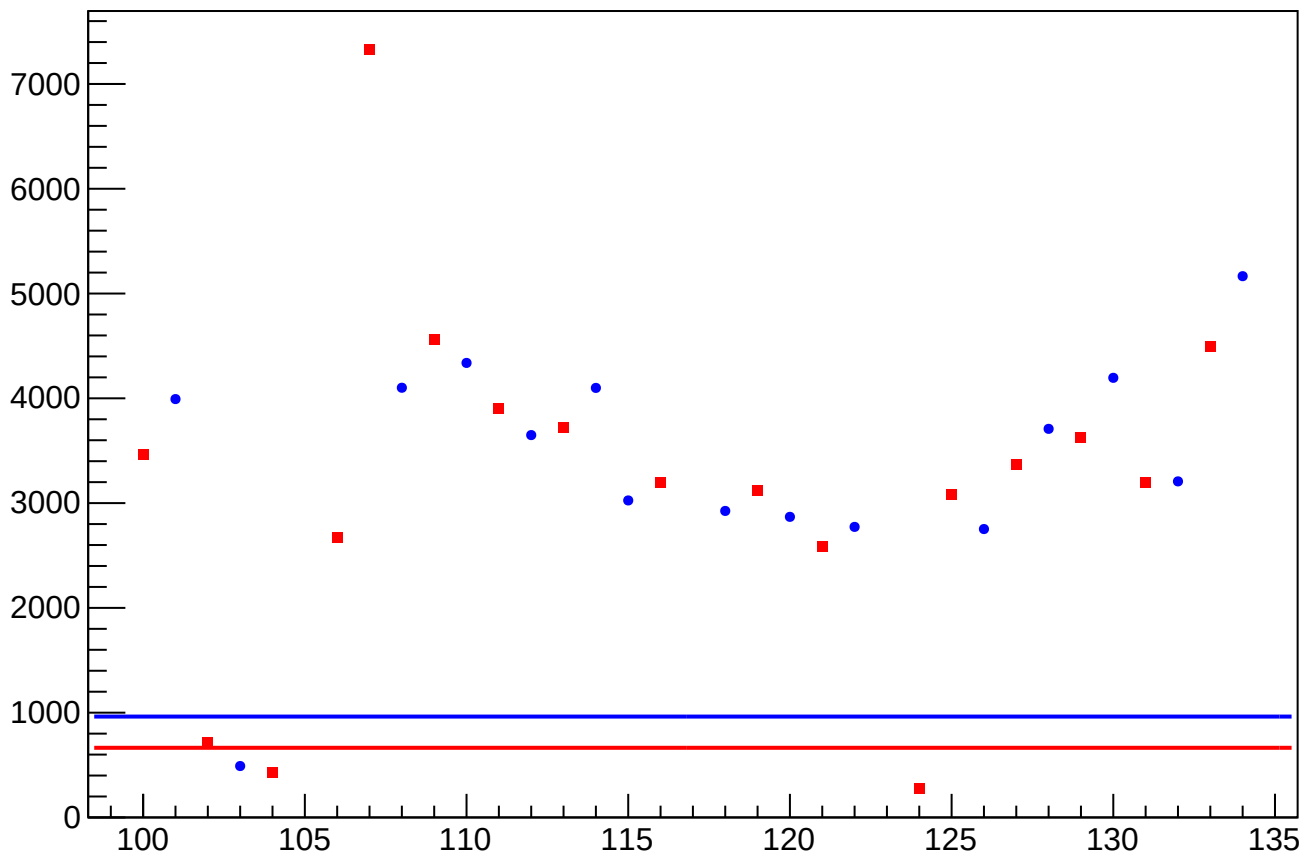
Right: 460.392+/-347.158 χ^2/NDF : 29.2/31

In: 264.415+/-583.476 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.392+/-347.158 χ^2/NDF : 29.2/31

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 962.823+/-0.413 χ^2/NDF : 7125694.6/14

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

Right Out: 664.813+/-0.305 χ^2/NDF : 7868757.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

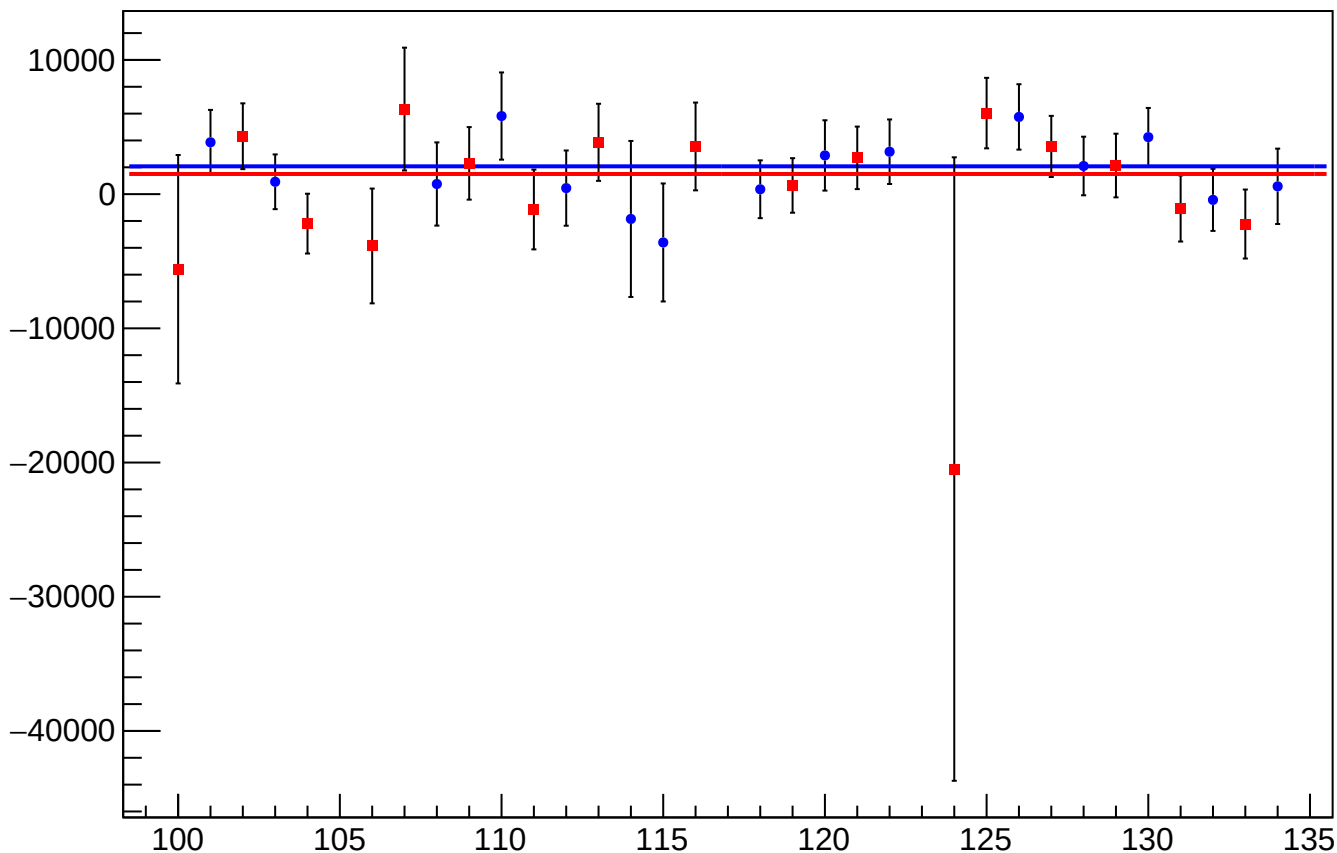
Right: 770.310+/-0.245 χ^2/NDF : 15331487.2/31

In: 962.823+/-0.413 χ^2/NDF :7125694.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 770.310+/-0.245 χ^2/NDF : 15331487.2/31

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2072.016+/-665.589 χ^2/NDF : 10.5/14

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

Right Out: 1502.166+/-672.871 χ^2/NDF : 17.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

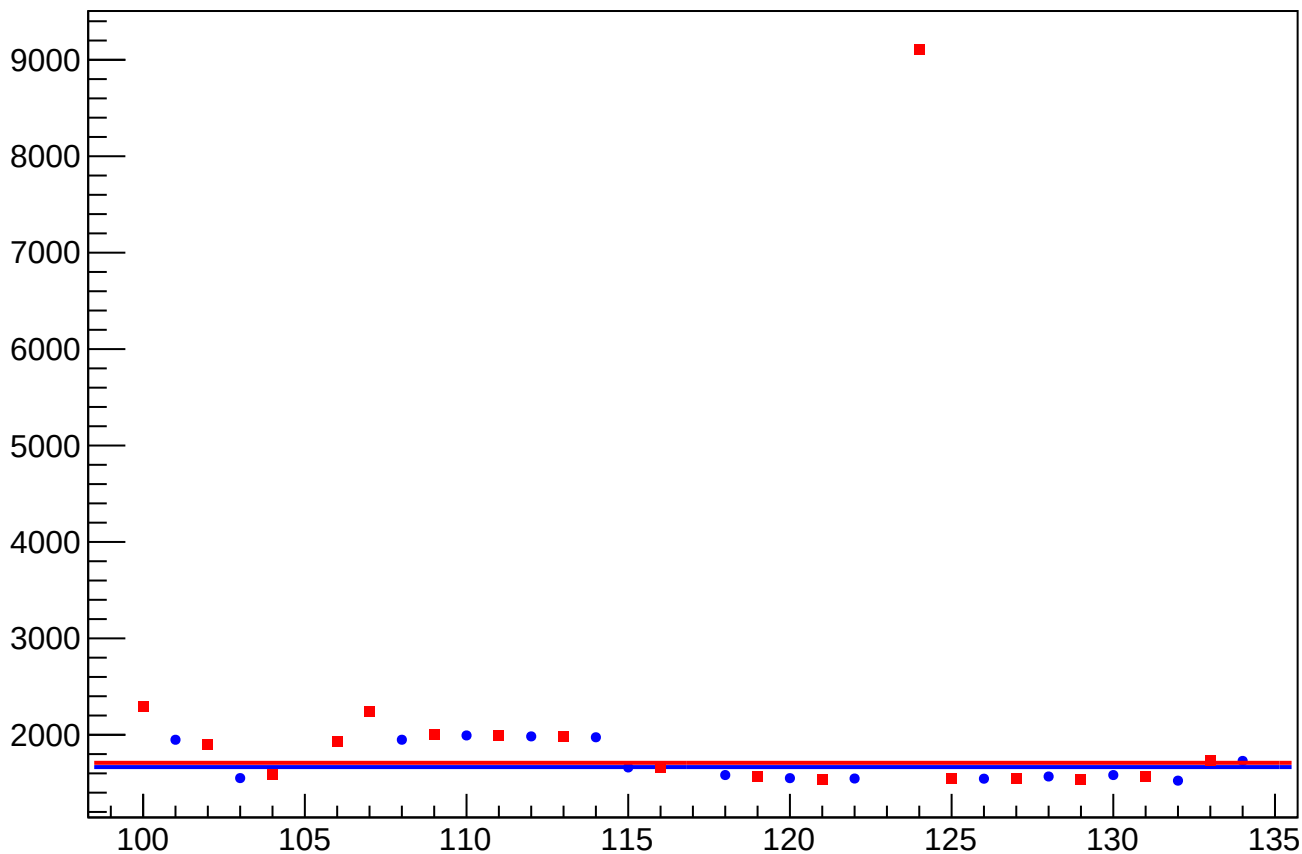
Right: 1790.191+/-473.196 χ^2/NDF : 28.7/31

In: 2072.016+/-665.589 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.191+/-473.196 χ^2/NDF : 28.7/31

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1665.249+/-0.471 χ^2/NDF : 134237.9/14

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

Right Out: 1709.576+/-0.474 χ^2/NDF : 380115.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

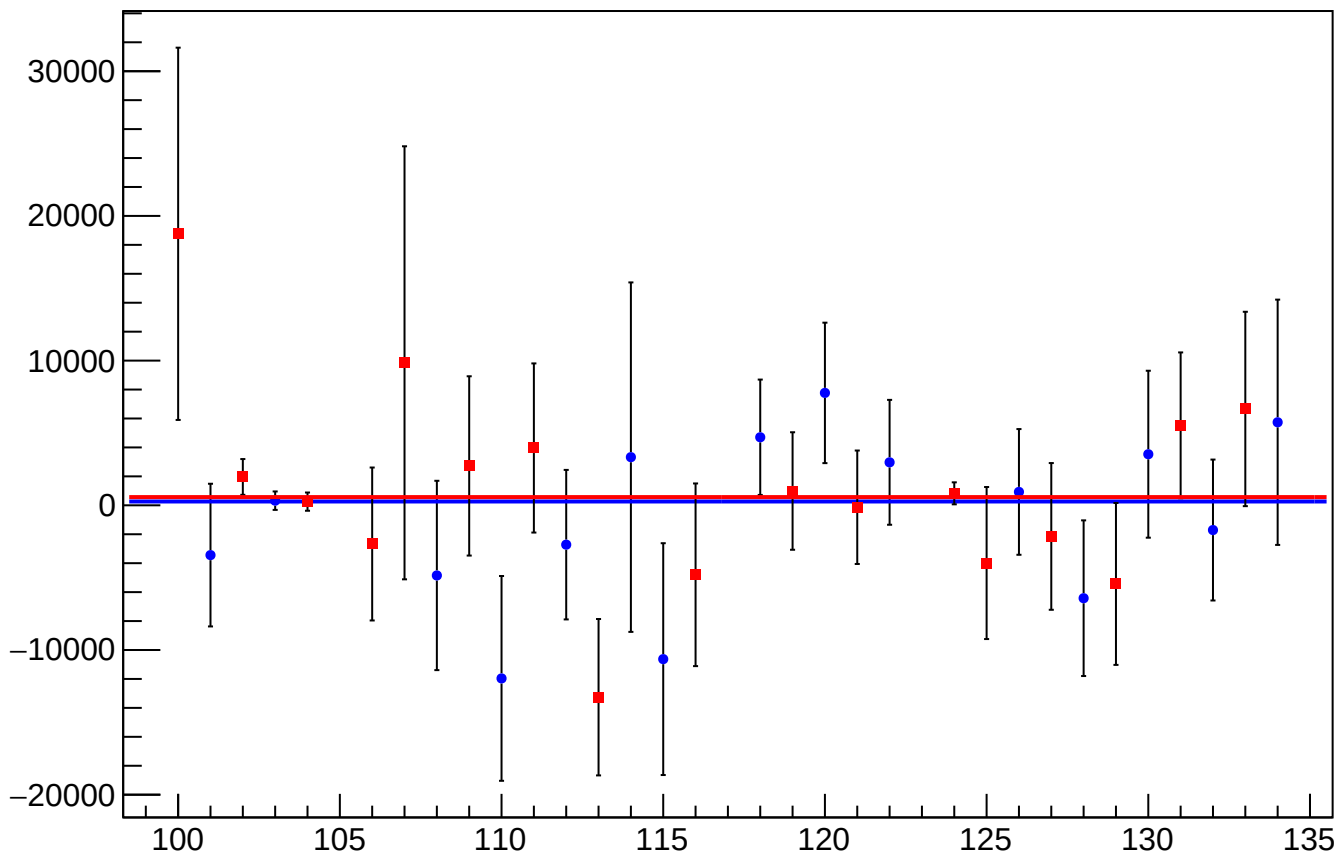
Right: 1687.275+/-0.334 χ^2/NDF : 518760.6/31

In: 1665.249+/-0.471 χ^2/NDF : 134237.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.275+/-0.334 χ^2/NDF : 518760.6/31

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.415+/-583.476 χ^2/NDF : 12.9/14

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

Right Out: 567.787+/-431.930 χ^2/NDF : 16.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

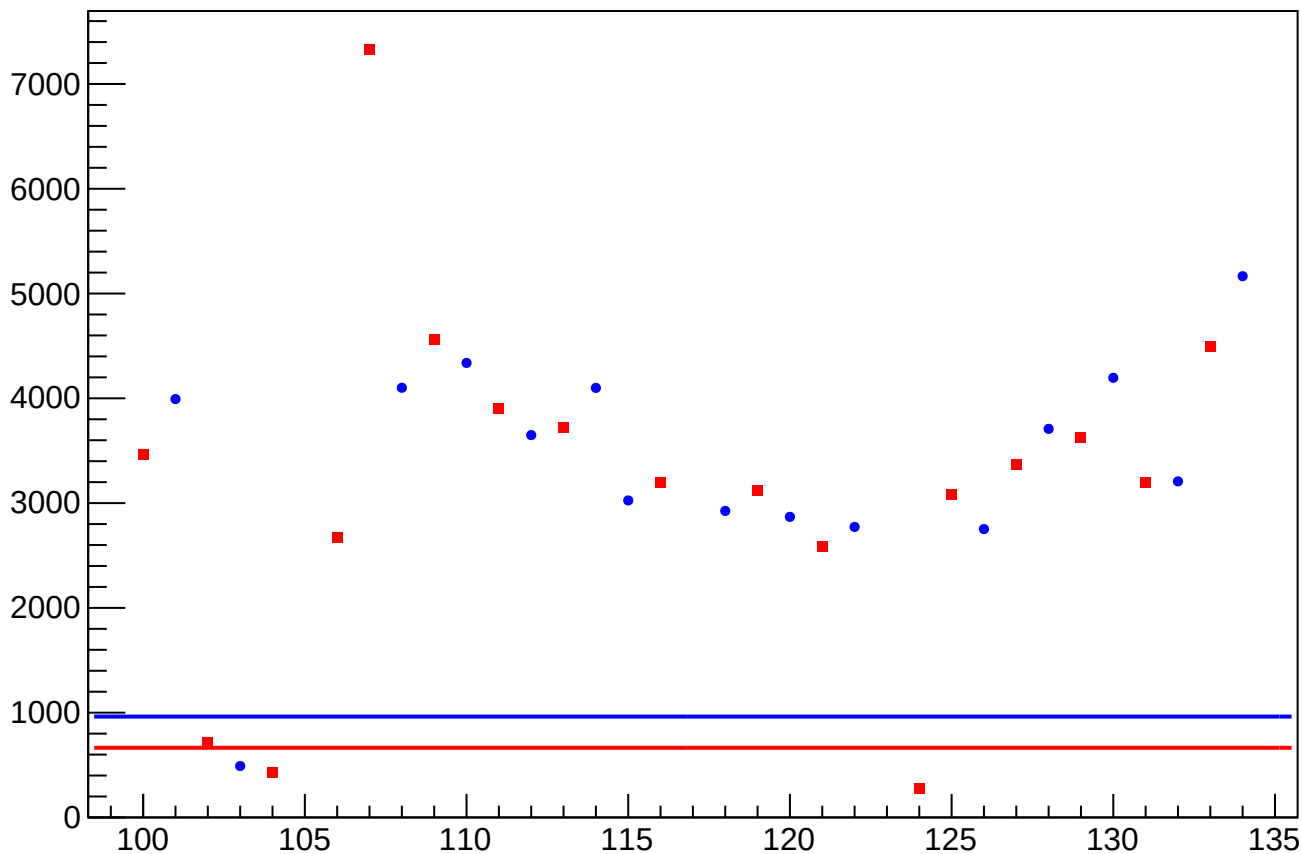
Right: 460.392+/-347.158 χ^2/NDF : 29.2/31

In: 264.415+/-583.476 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.392+/-347.158 χ^2/NDF : 29.2/31

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 962.823+/-0.413 χ^2/NDF : 7125694.6/14

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

Right Out: 664.813+/-0.305 χ^2/NDF : 7868757.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

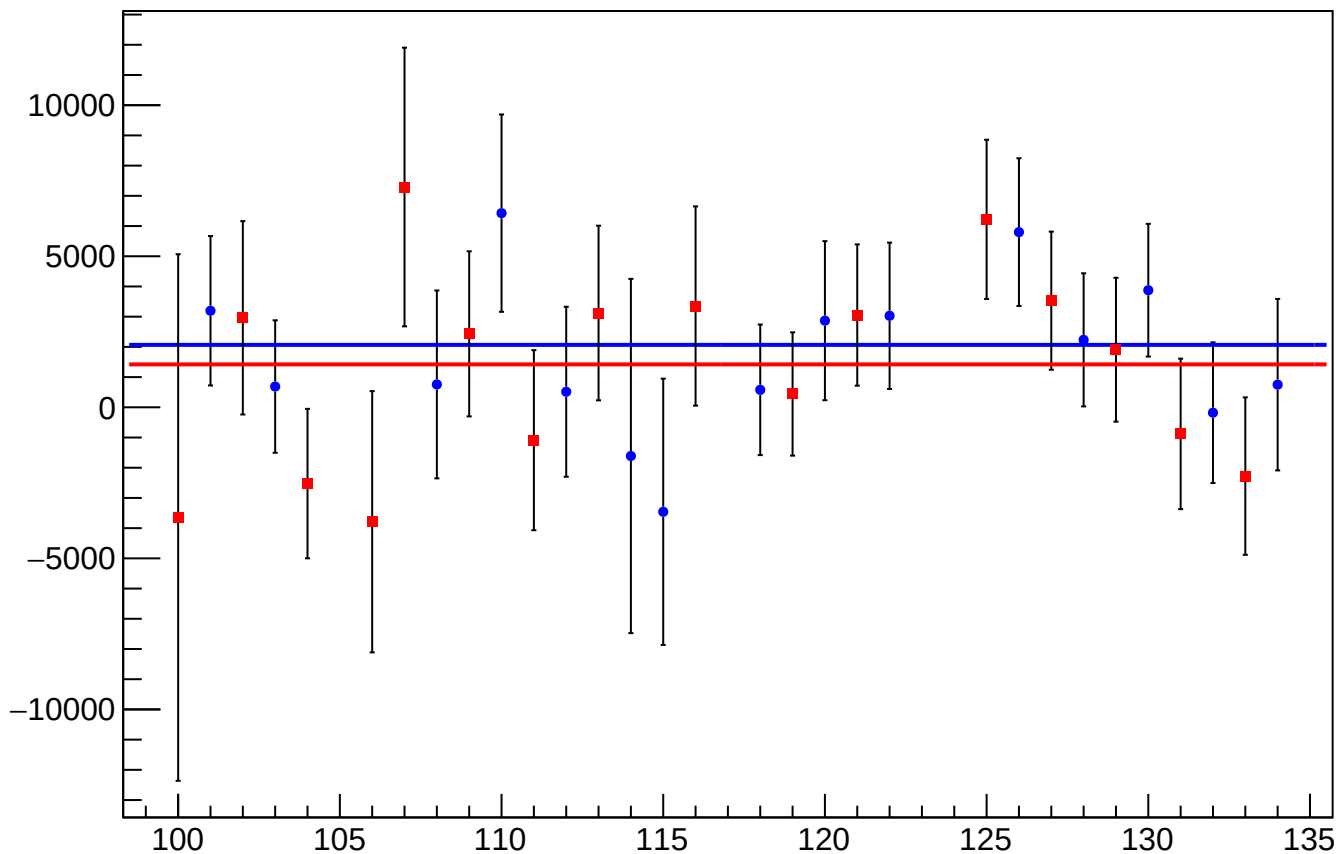
Right: 770.310+/-0.245 χ^2/NDF : 15331487.2/31

In: 962.823+/-0.413 χ^2/NDF : 7125694.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.310+/-0.245 χ^2/NDF : 15331487.2/31

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2067.046 $\pm$ 675.162 χ^2 /NDF: 9.7/14

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

Right Out: 1420.633 $\pm$ 694.010 χ^2 /NDF: 15.5/15

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

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

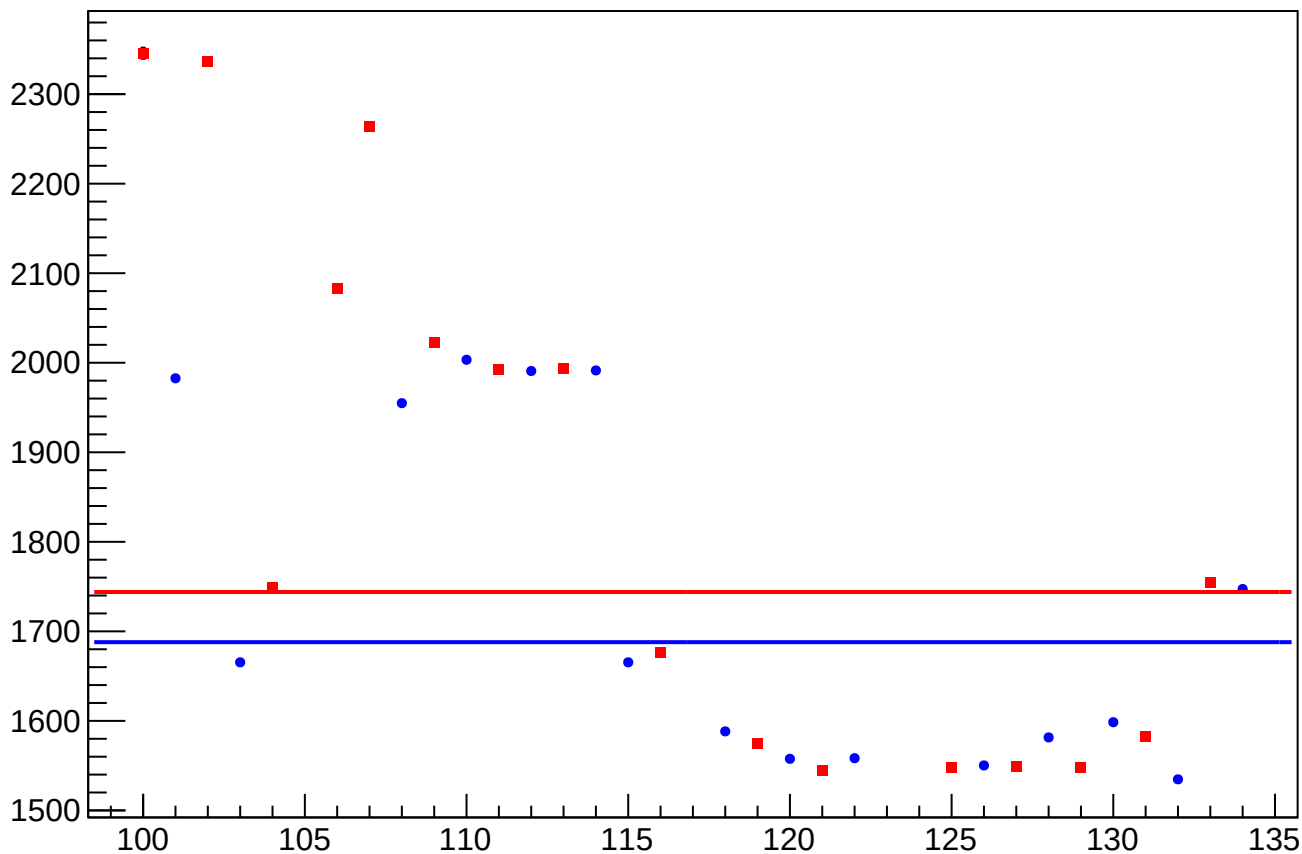
Right: 1752.737 $\pm$ 483.938 χ^2 /NDF: 25.7/30

In: 2067.046 $\pm$ 675.162 χ^2 /NDF:9.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1752.737 $\pm$ 483.938 χ^2 /NDF: 25.7/30

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1687.919+/-0.477 χ^2/NDF : 129327.5/14

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

Right Out: 1743.938+/-0.490 χ^2/NDF : 244595.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

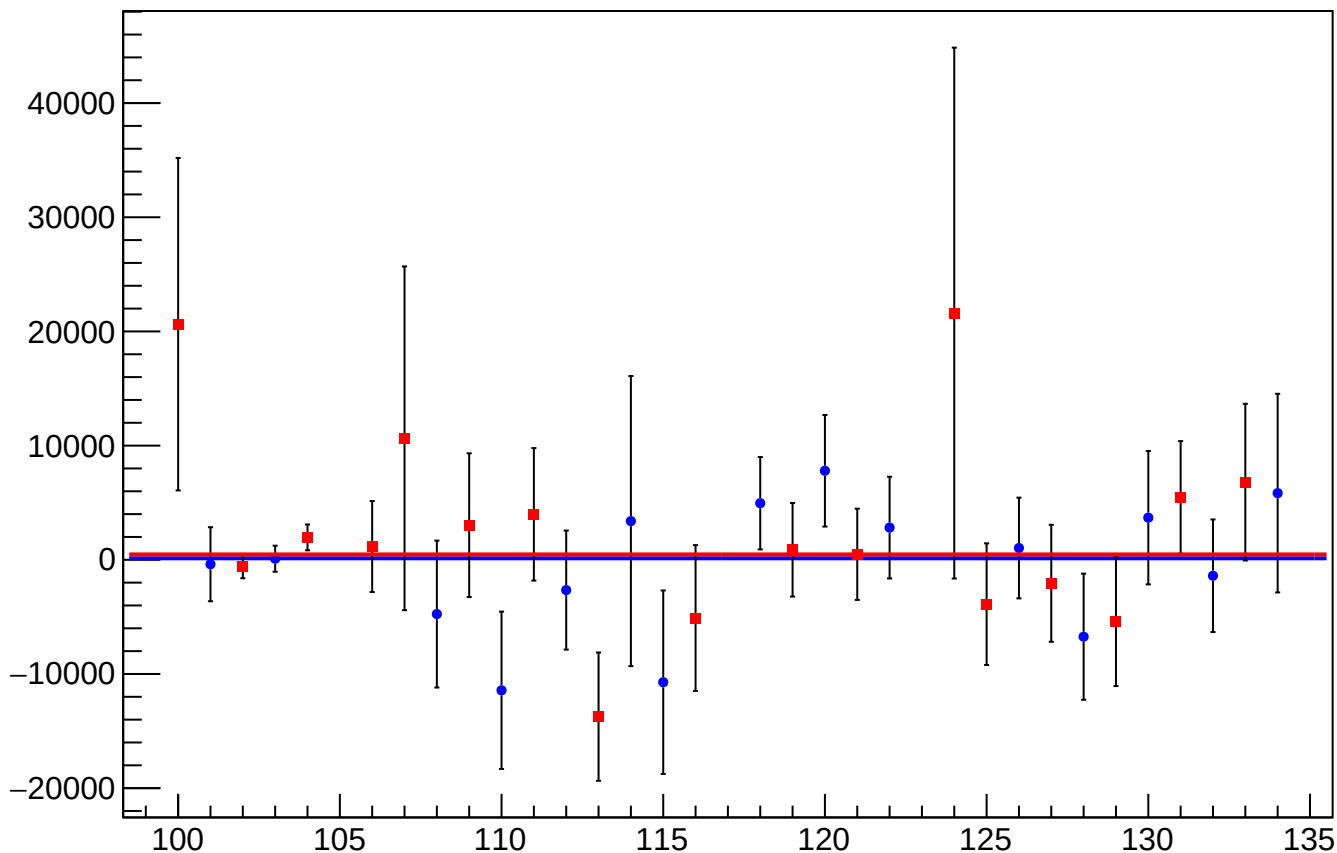
Right: 1715.227+/-0.342 χ^2/NDF : 380635.6/30

In: 1687.919+/-0.477 χ^2/NDF : 129327.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.227+/-0.342 χ^2/NDF : 380635.6/30

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 130.446+/-881.229 χ^2/NDF : 12.3/14

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

Right Out: 470.504+/-684.113 χ^2/NDF : 17.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

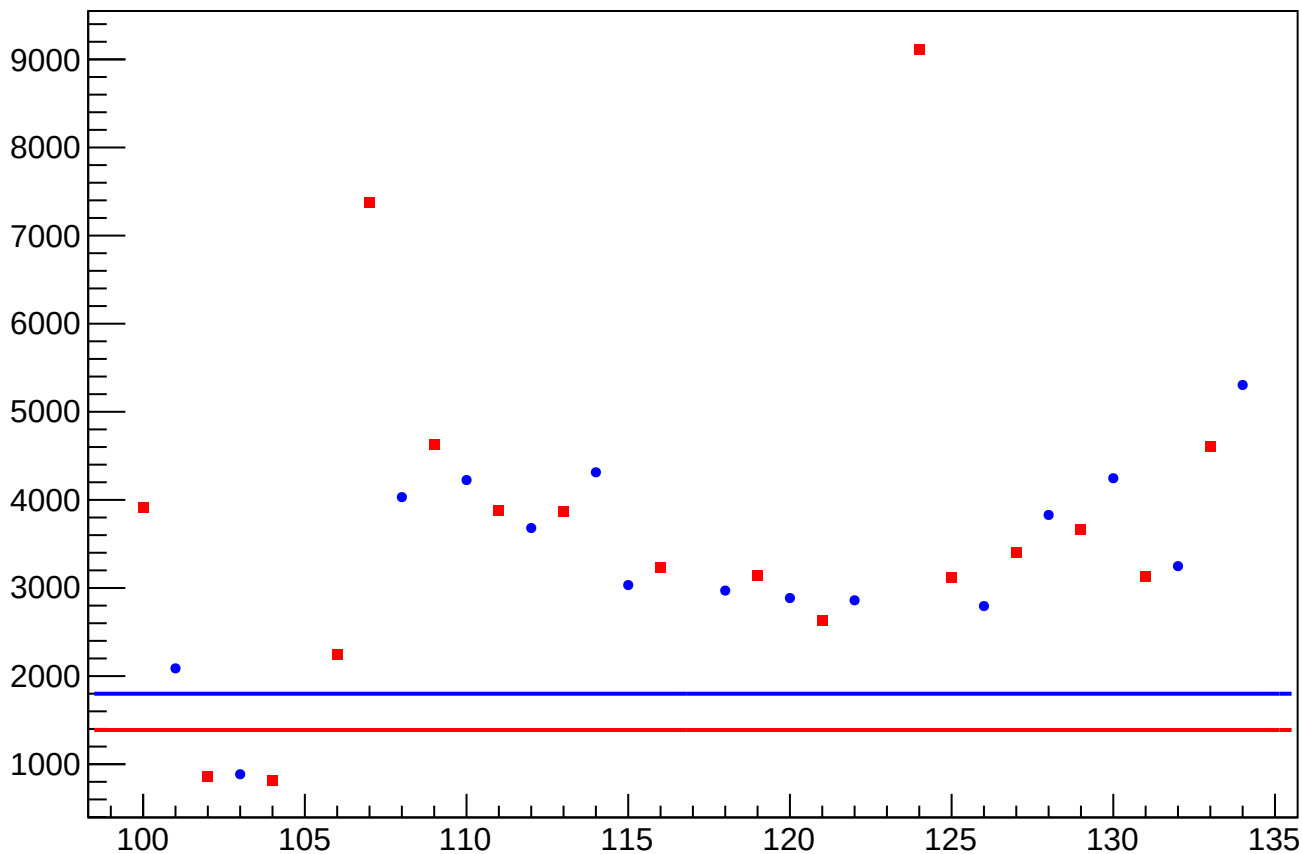
Right: 342.628+/-540.389 χ^2/NDF : 29.9/31

In: 130.446+/-881.229 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.628+/-540.389 χ^2/NDF : 29.9/31

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1799.923+/-0.623 χ^2/NDF : 3772613.4/14

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

Right Out: 1388.278+/-0.484 χ^2/NDF : 5258392.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

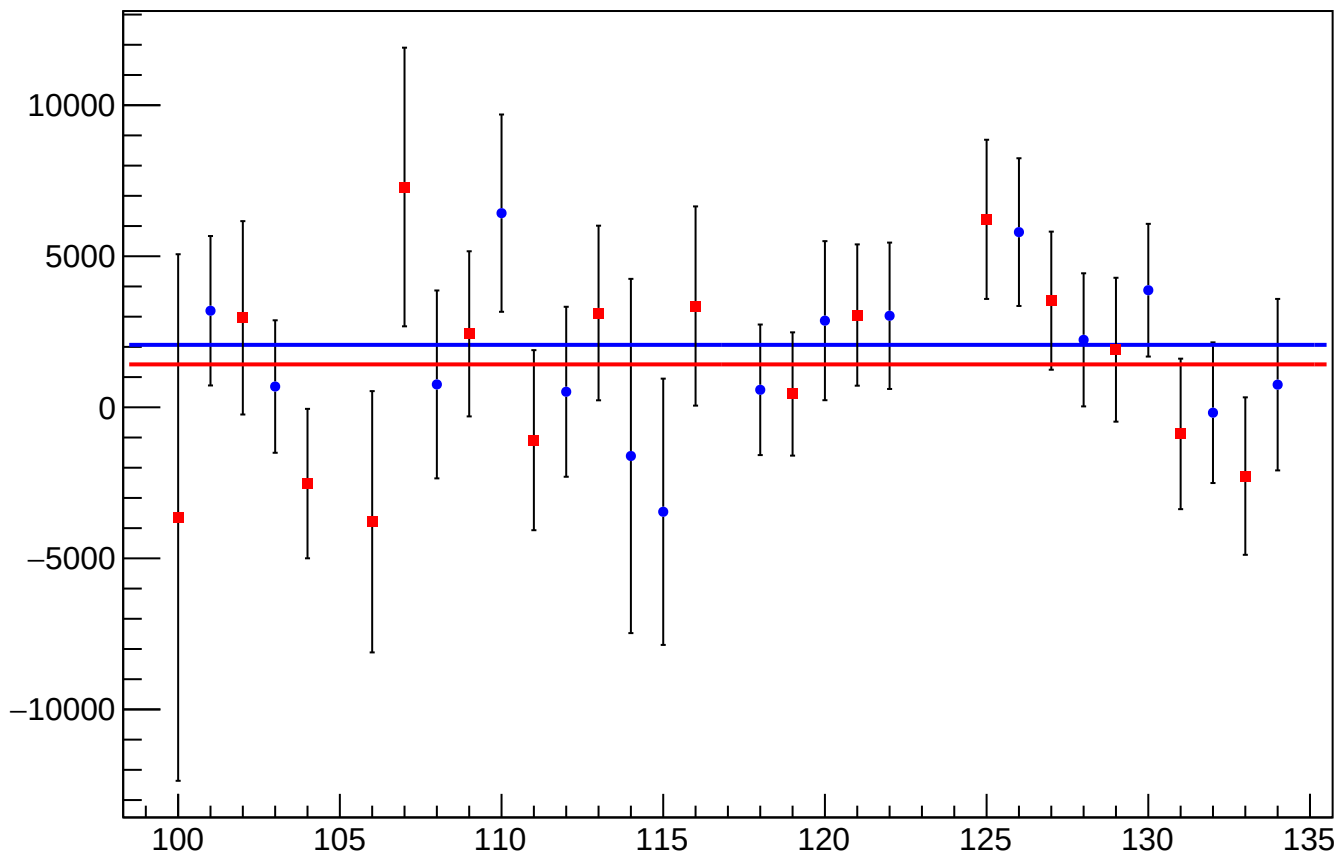
Right: 1543.073+/-0.382 χ^2/NDF : 9303311.0/31

In: 1799.923+/-0.623 χ^2/NDF : 3772613.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.073+/-0.382 χ^2/NDF : 9303311.0/31

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2067.048 $\pm$ 675.162 χ^2 /NDF: 9.7/14

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

Right Out: 1420.631 $\pm$ 694.010 χ^2 /NDF: 15.5/15

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

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

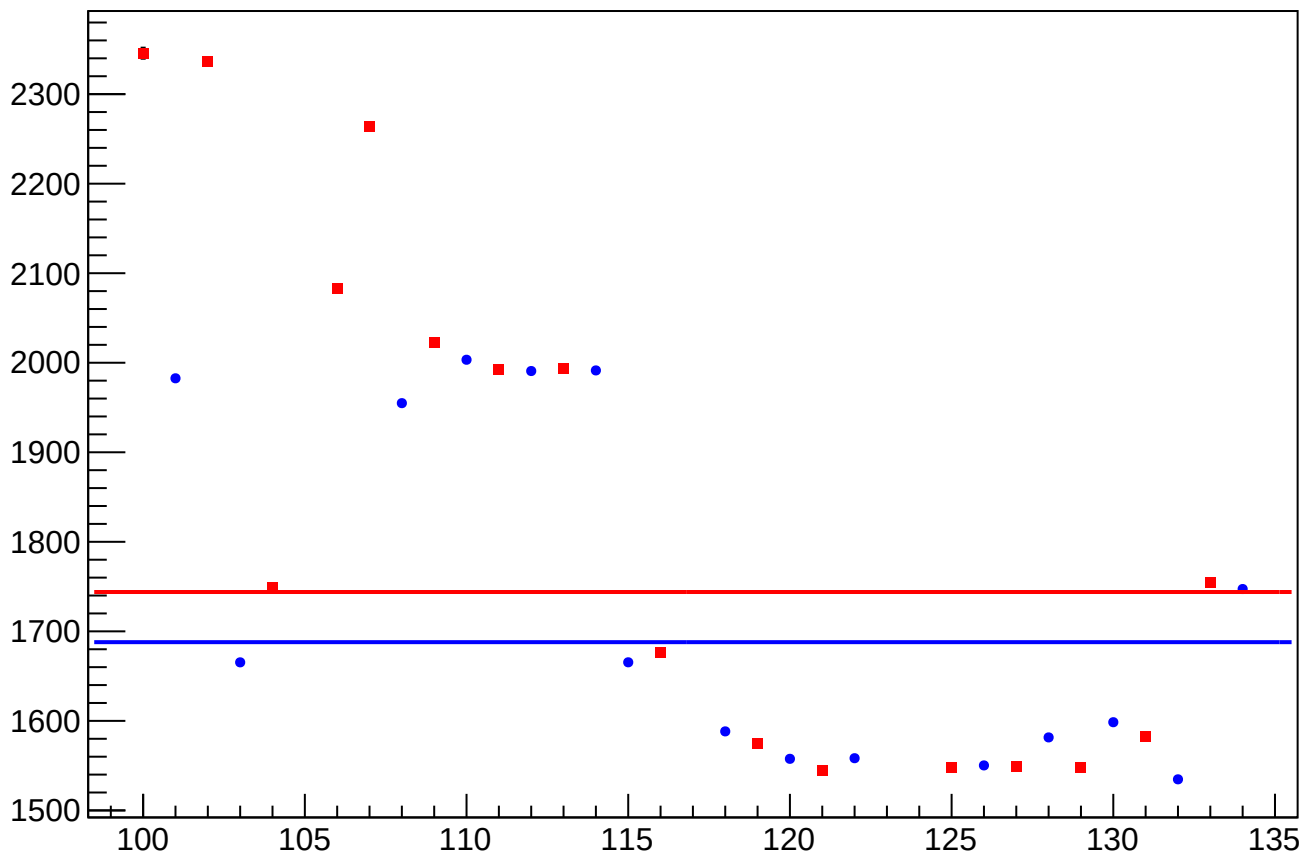
Right: 1752.737 $\pm$ 483.938 χ^2 /NDF: 25.7/30

In: 2067.048 $\pm$ 675.162 χ^2 /NDF:9.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1752.737 $\pm$ 483.938 χ^2 /NDF: 25.7/30

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1687.918+/-0.477 χ^2/NDF : 129327.7/14

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

Right Out: 1743.937+/-0.490 χ^2/NDF : 244595.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

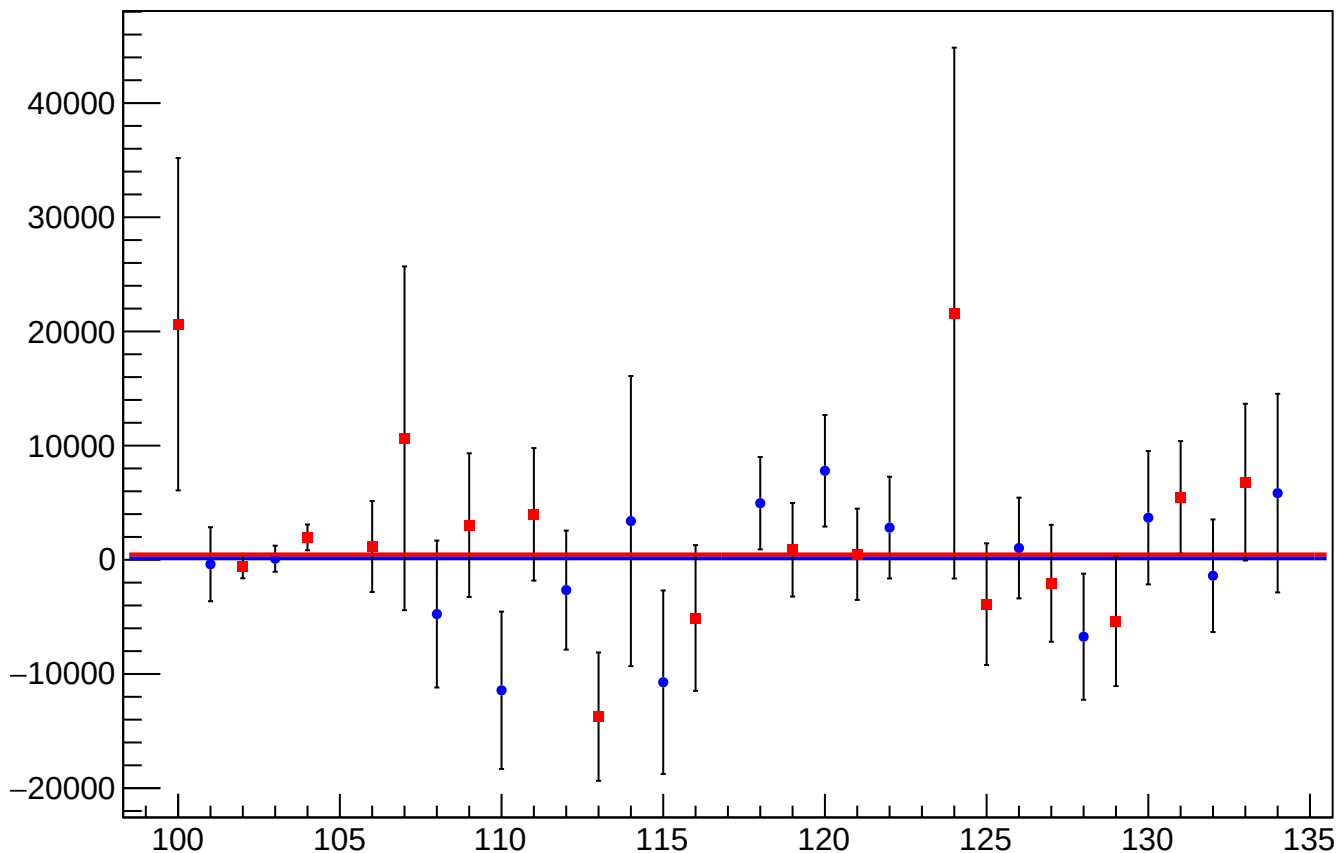
Right: 1715.227+/-0.342 χ^2/NDF : 380635.2/30

In: 1687.918+/-0.477 χ^2/NDF : 129327.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.227+/-0.342 χ^2/NDF : 380635.2/30

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 130.447+/-881.223 χ^2/NDF : 12.3/14

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

Right Out: 470.503+/-684.108 χ^2/NDF : 17.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

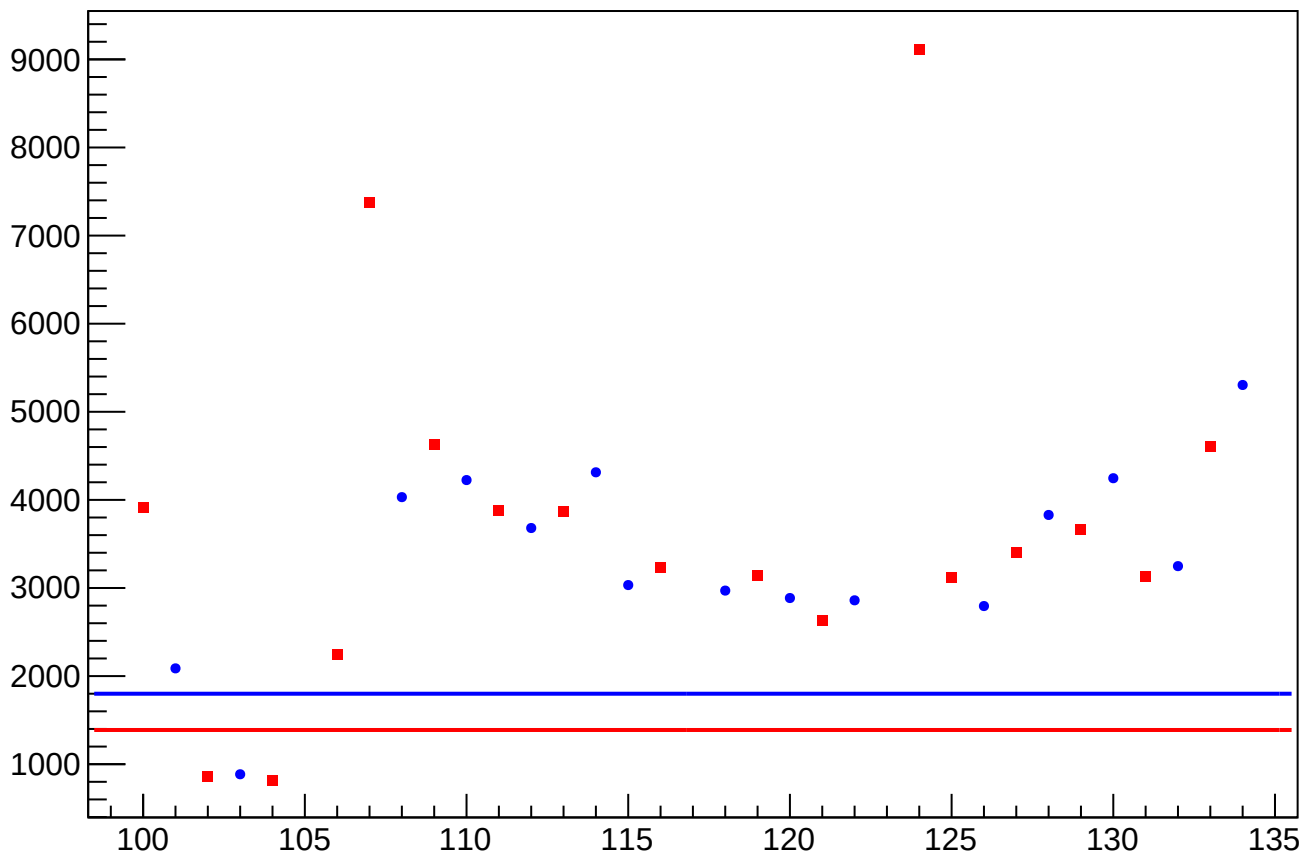
Right: 342.628+/-540.385 χ^2/NDF : 29.9/31

In: 130.447+/-881.223 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.628+/-540.385 χ^2/NDF : 29.9/31

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1799.907+/-0.623 χ^2/NDF : 3772641.3/14

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

Right Out: 1388.265+/-0.484 χ^2/NDF : 5258420.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

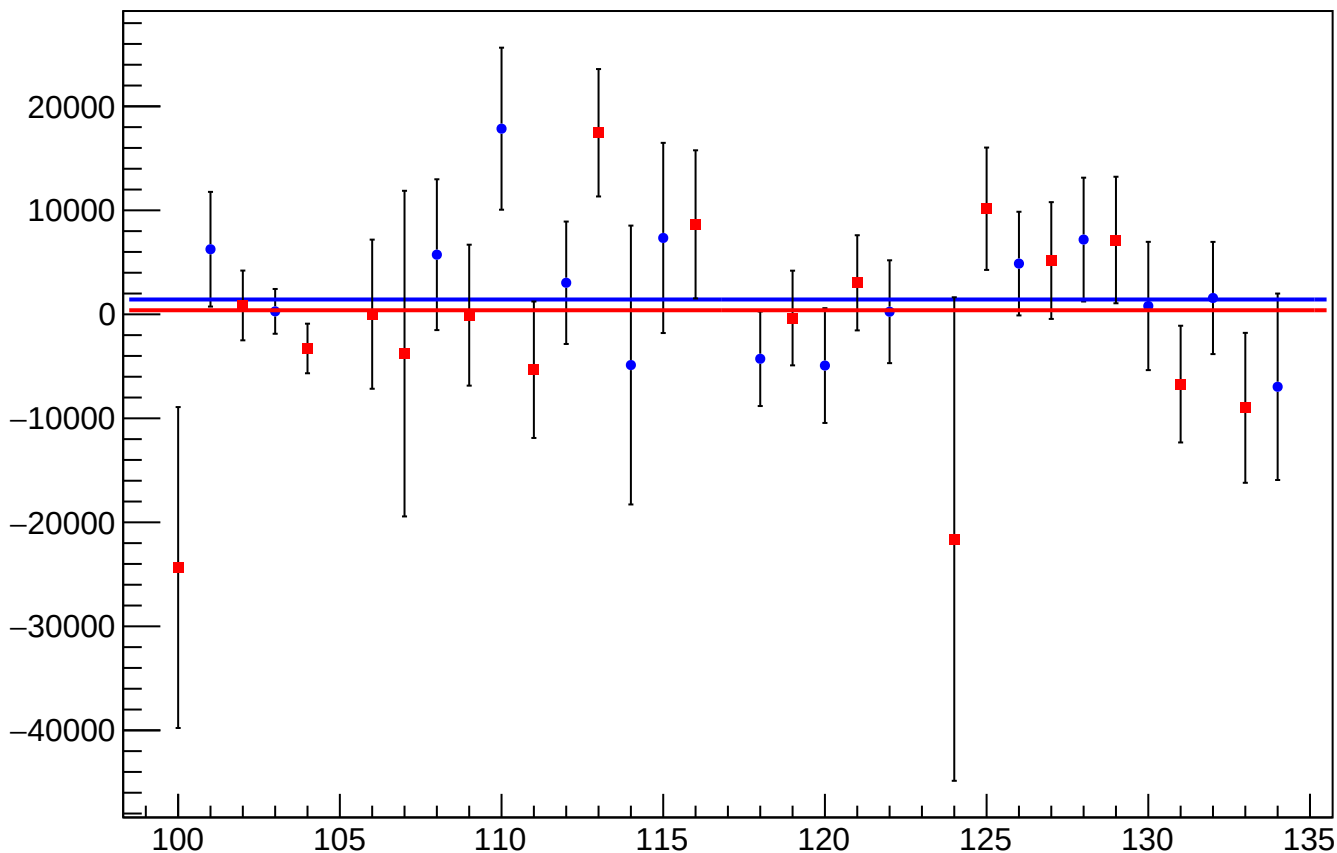
Right: 1543.059+/-0.382 χ^2/NDF : 9303367.0/31

In: 1799.907+/-0.623 χ^2/NDF : 3772641.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.059+/-0.382 χ^2/NDF : 9303367.0/31

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1427.487+/-1297.208 χ^2/NDF : 11.8/14

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

Right Out: 392.825+/-1269.526 χ^2/NDF : 24.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

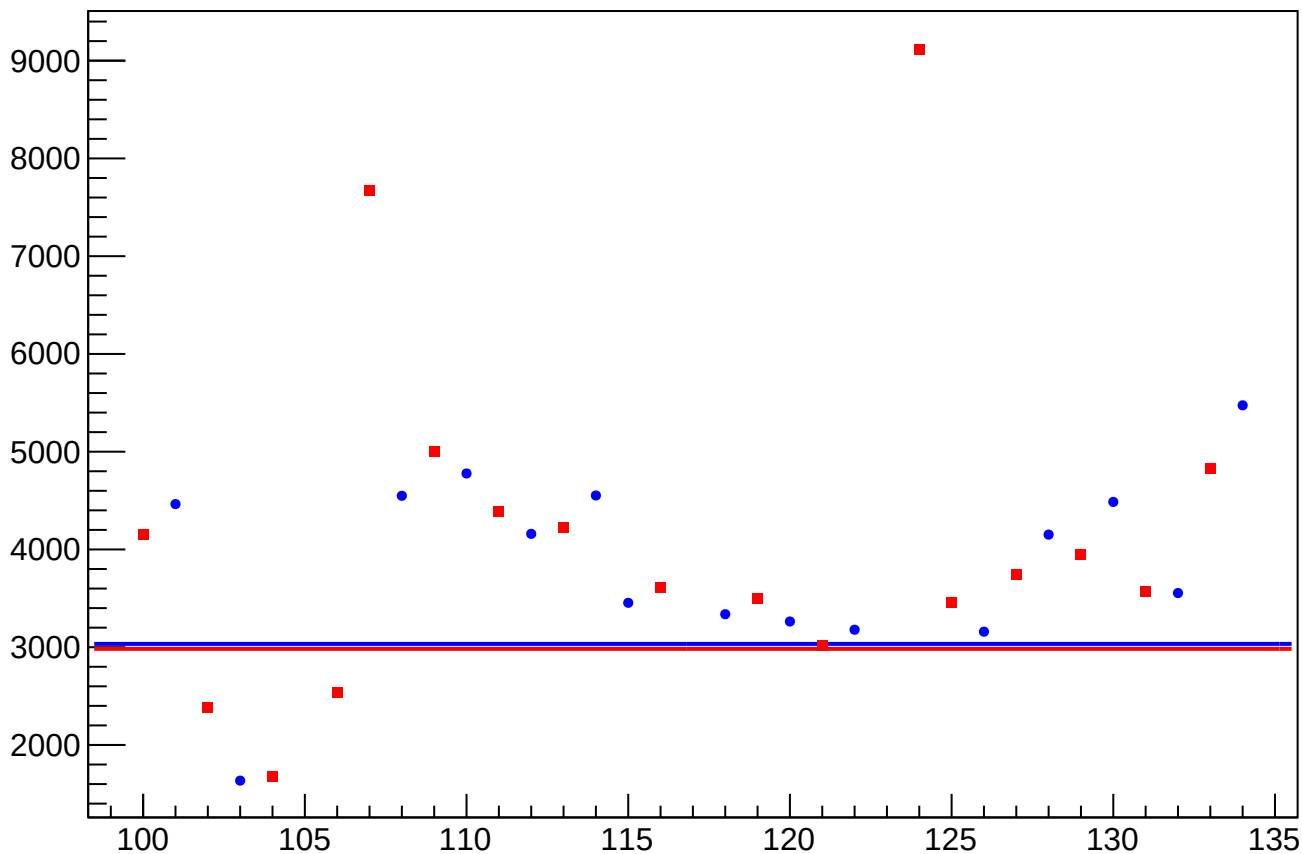
Right: 898.999+/-907.319 χ^2/NDF : 36.3/31

In: 1427.487+/-1297.208 χ^2/NDF : 11.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.999+/-907.319 χ^2/NDF : 36.3/31

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3033.902+/-0.917 χ^2/NDF : 1633096.9/14

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

Right Out: 2983.104+/-0.883 χ^2/NDF : 1657396.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

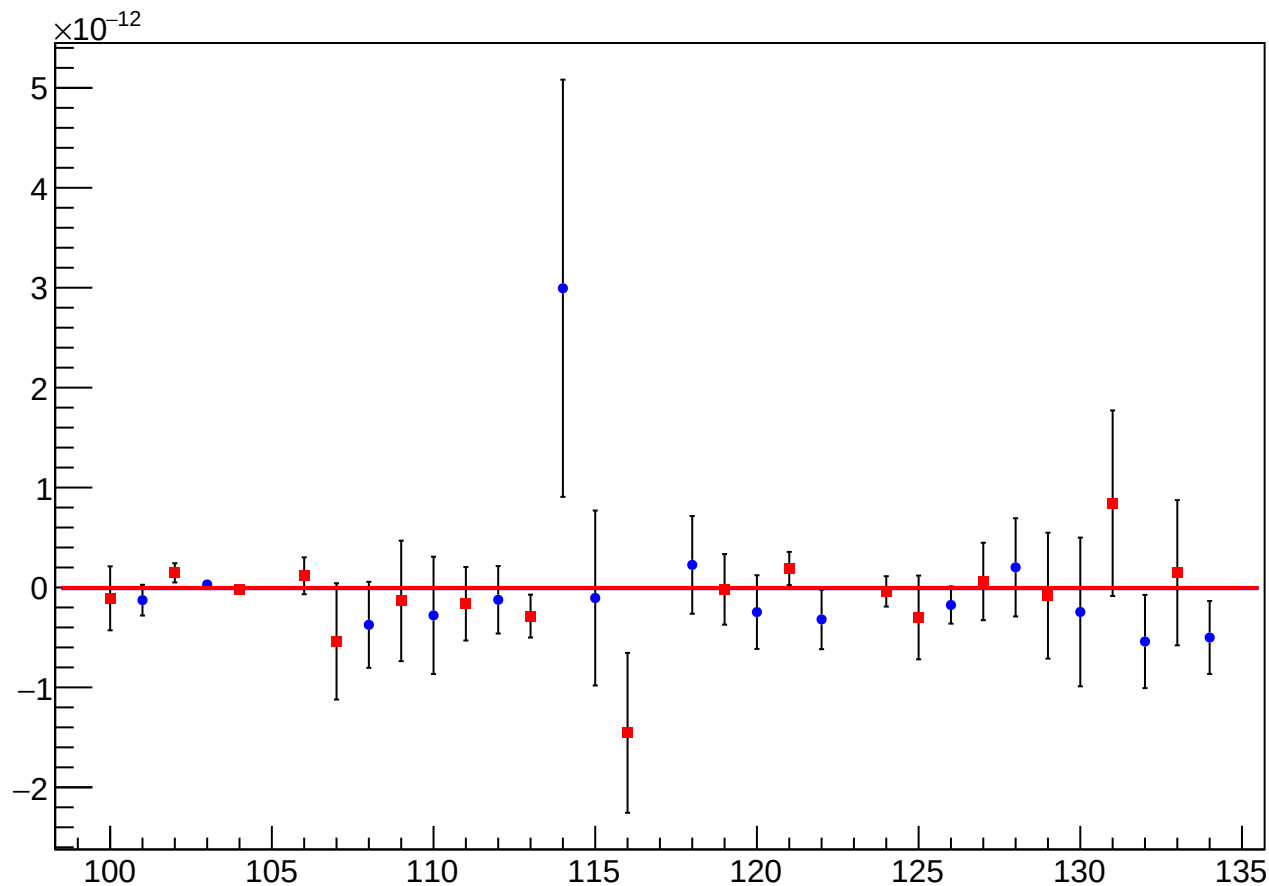
Right: 3007.539+/-0.636 χ^2/NDF : 3292085.4/31

In: 3033.902+/-0.917 χ^2/NDF : 1633096.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3007.539+/-0.636 χ^2/NDF : 3292085.4/31

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

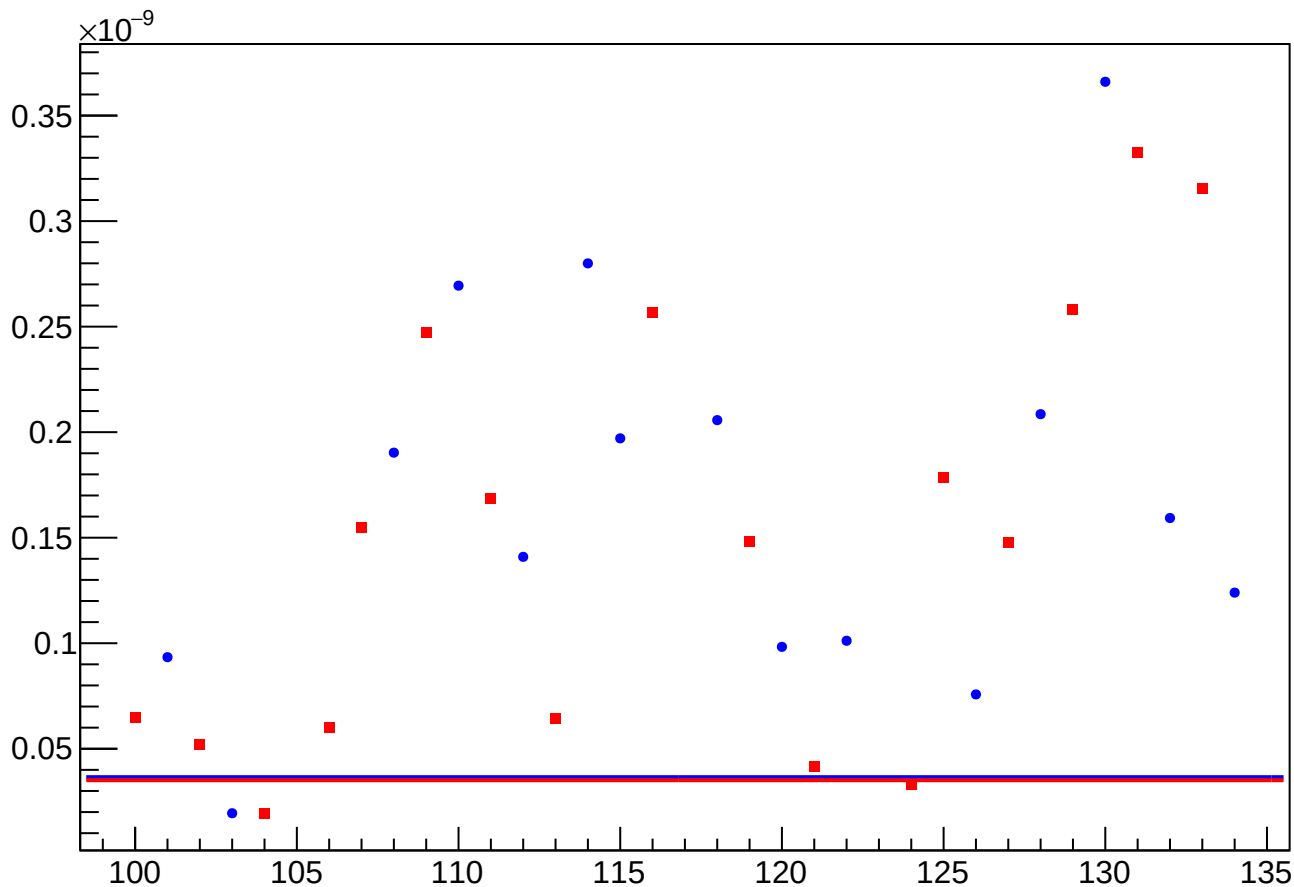
Right: -0.000+/-0.000 χ^2/NDF : 22.8/31

In: -0.000+/-0.000 χ^2/NDF : 10.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.8/31

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2860908.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2582318.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

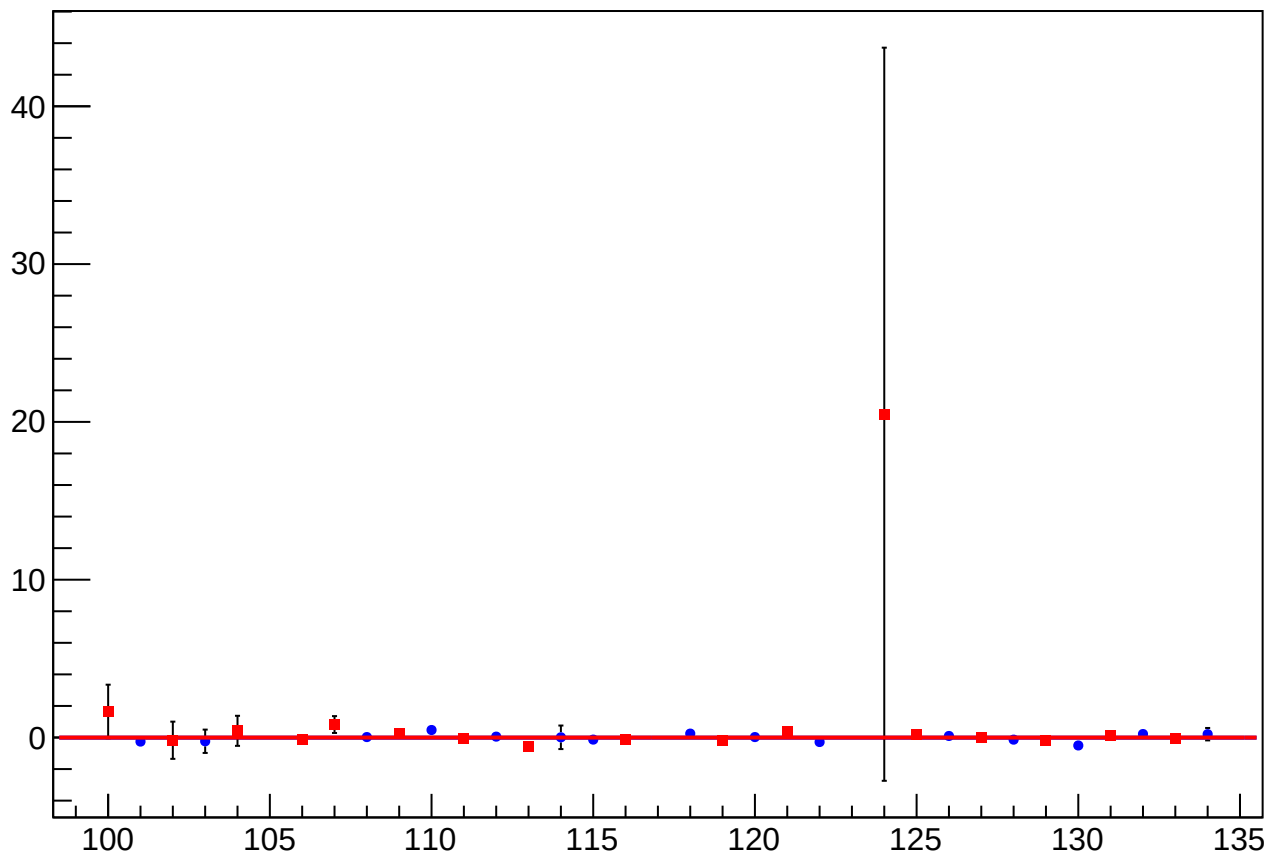
Right: 0.000+/-0.000 χ^2/NDF : 5444936.3/31

In: 0.000+/-0.000 χ^2/NDF : 2860908.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5444936.3/31

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

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

Right Out: -0.003 ± 0.058 χ^2/NDF : 19.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

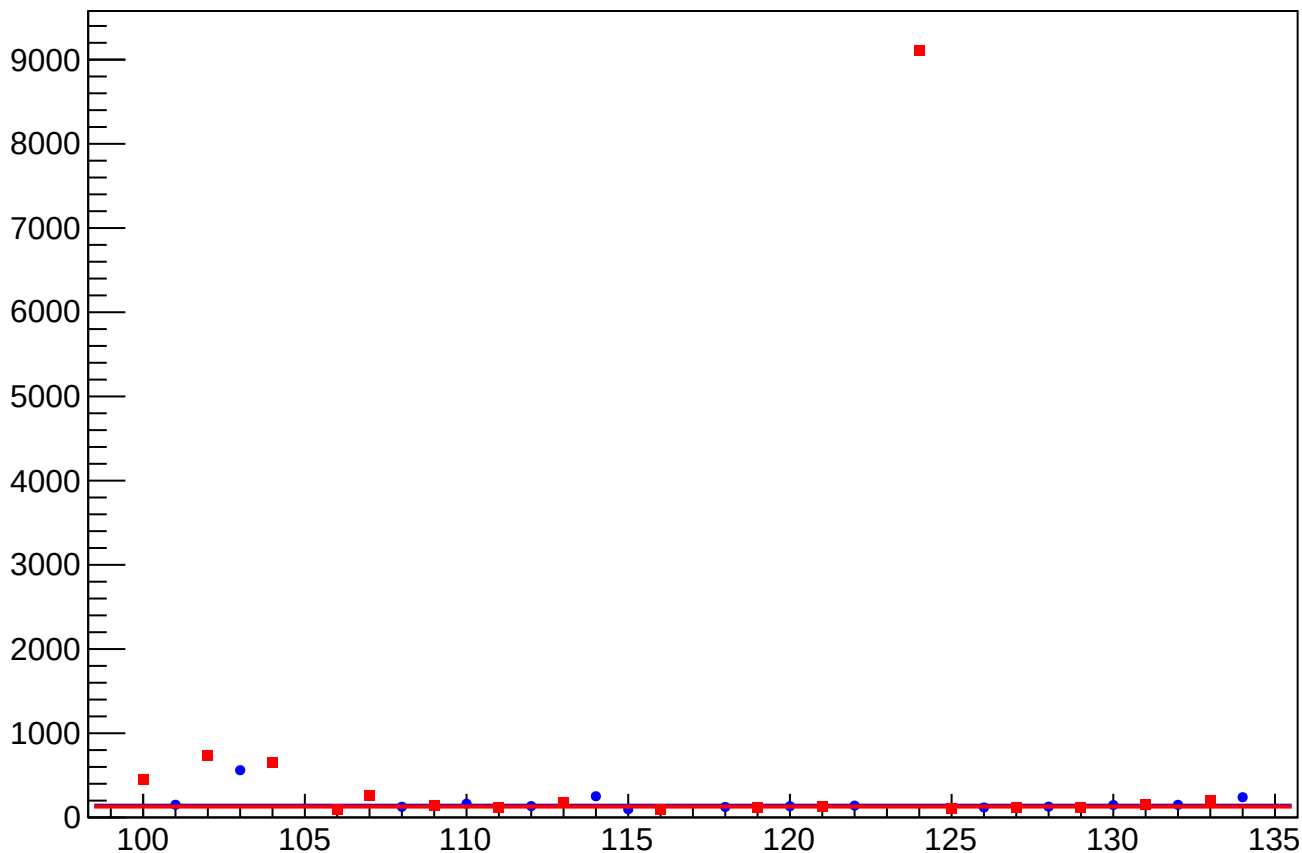
Right: -0.007 ± 0.042 χ^2/NDF : 35.9/31

In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.042 χ^2/NDF : 35.9/31

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.737+/-0.042 χ^2/NDF : 961017.9/14

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

Right Out: 129.072+/-0.041 χ^2/NDF : 1968386.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

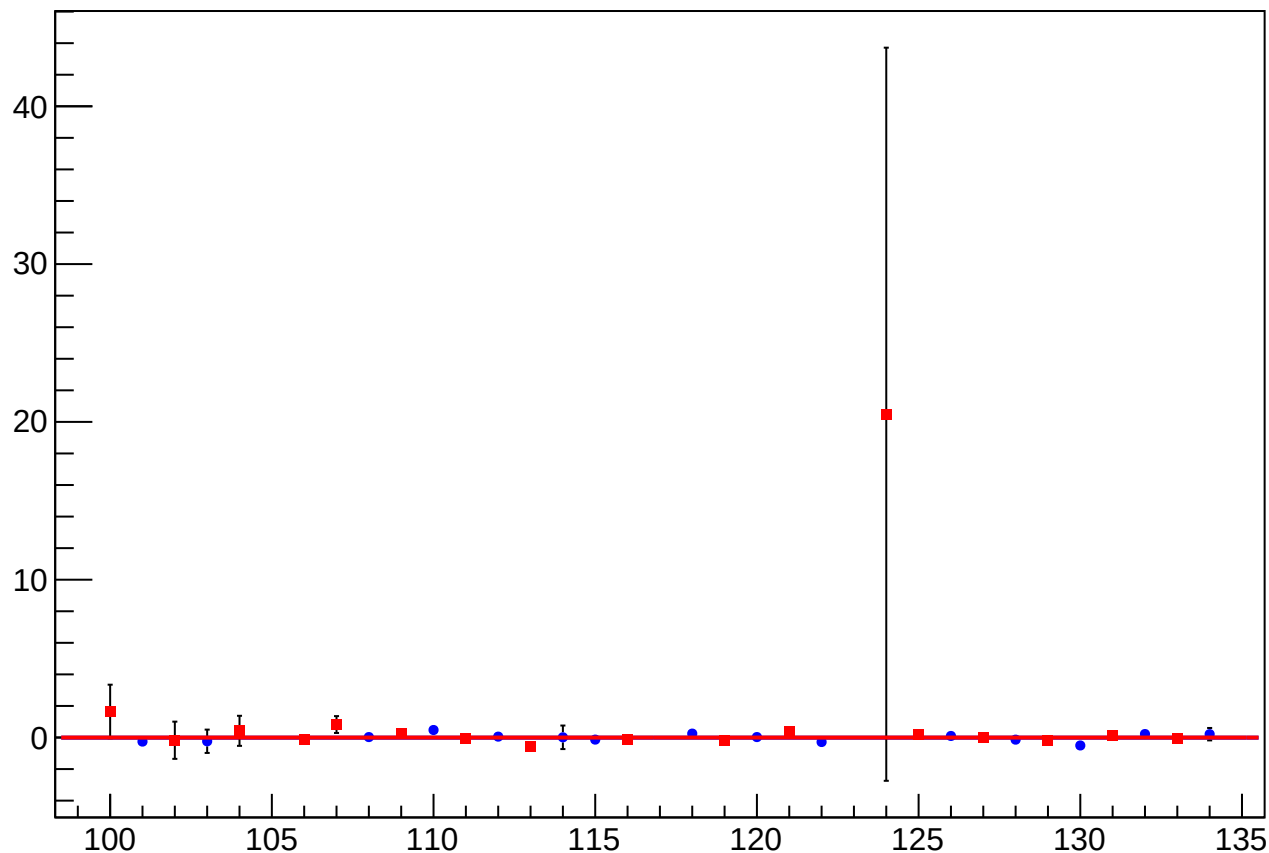
Right: 134.212+/-0.029 χ^2/NDF : 2962211.6/31

In: 139.737+/-0.042 χ^2/NDF : 961017.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.212+/-0.029 χ^2/NDF : 2962211.6/31

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

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

Right Out: -0.003 ± 0.058 χ^2/NDF : 19.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

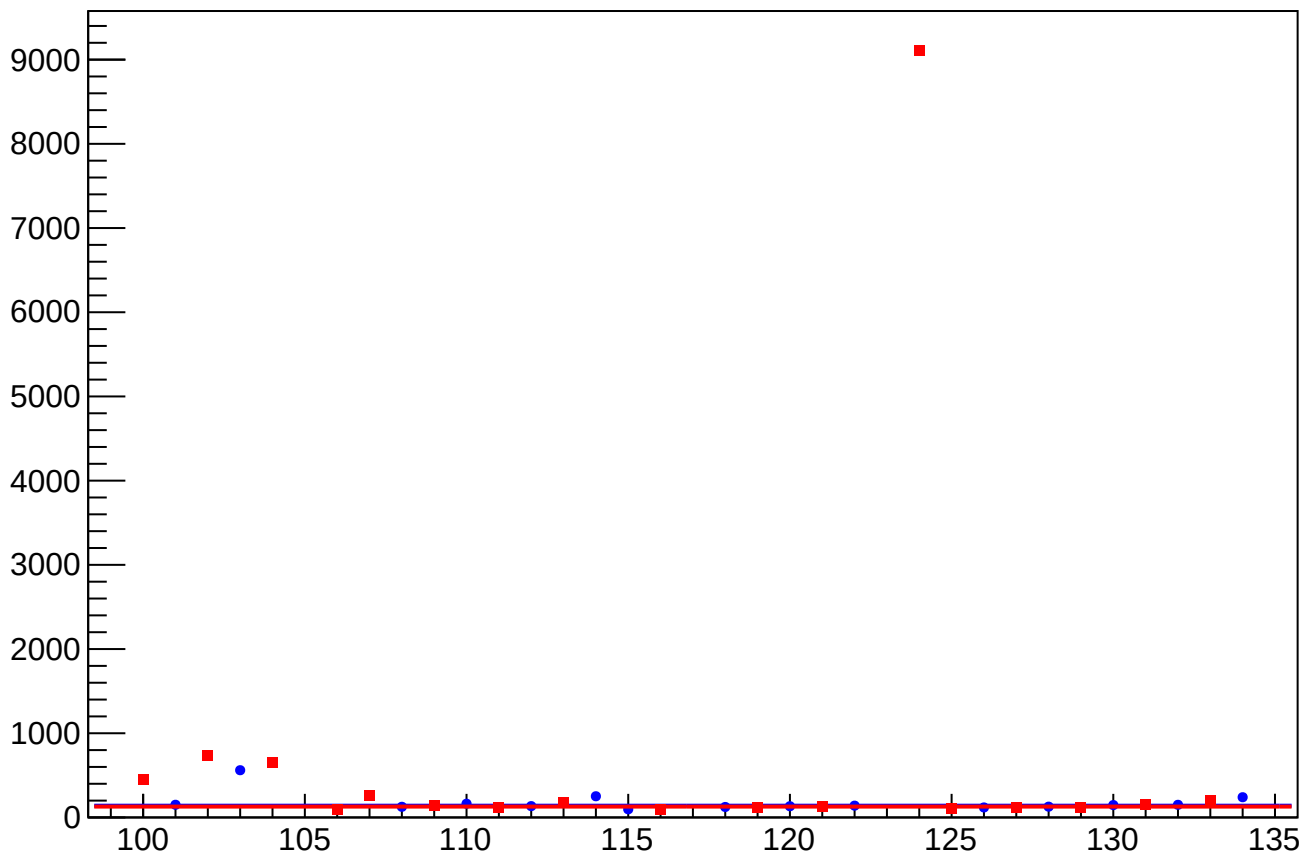
Right: -0.007 ± 0.042 χ^2/NDF : 35.9/31

In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.042 χ^2/NDF : 35.9/31

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.737+/-0.042 χ^2/NDF : 961017.9/14

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

Right Out: 129.072+/-0.041 χ^2/NDF : 1968386.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

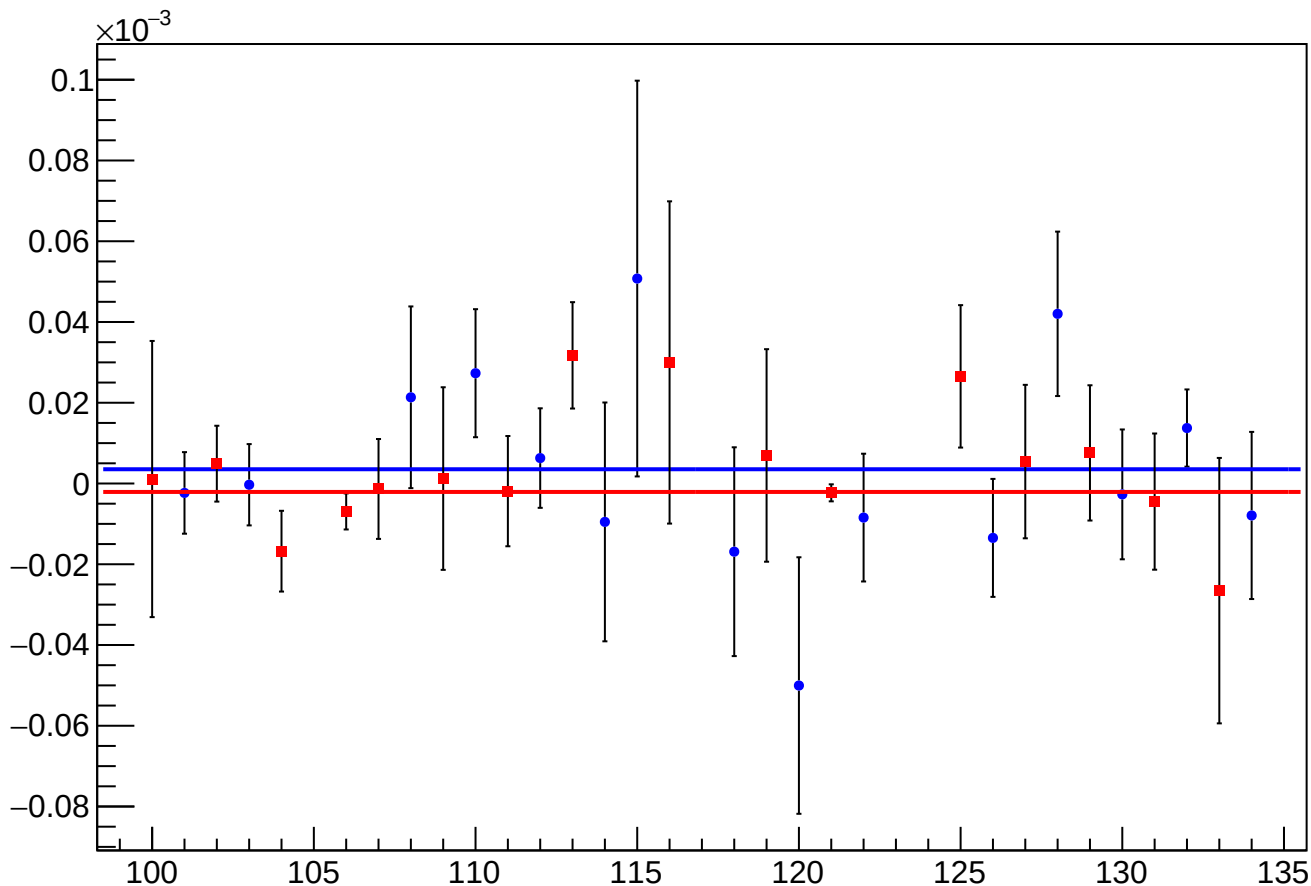
Right: 134.212+/-0.029 χ^2/NDF : 2962211.6/31

In: 139.737+/-0.042 χ^2/NDF : 961017.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.212+/-0.029 χ^2/NDF : 2962211.6/31

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

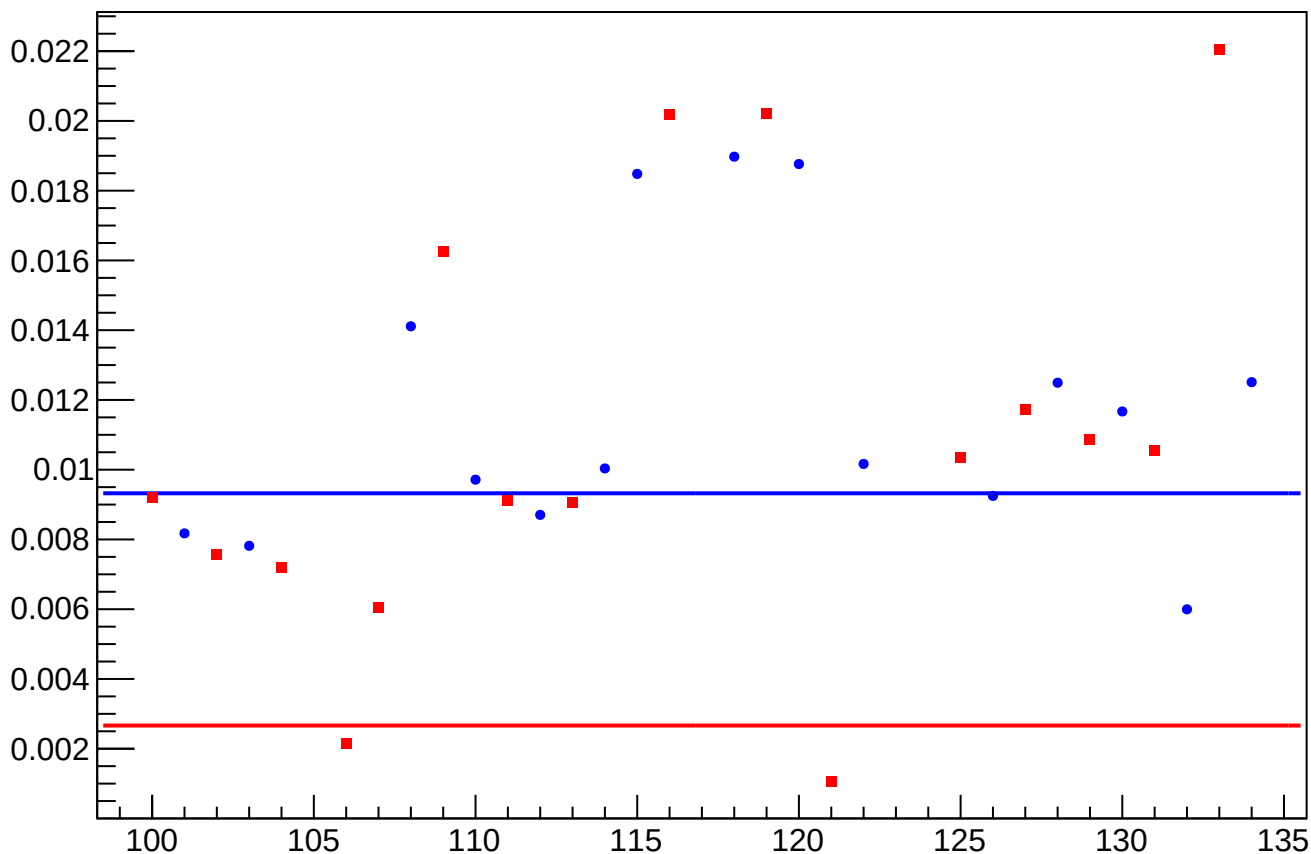
Right: -0.000+/-0.000 χ^2/NDF : 31.8/30

In: 0.000+/-0.000 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.8/30

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000

χ^2/NDF : 1079985.3/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 7730373.5/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 13601062.7/30

In: 0.009+/-0.000

χ^2/NDF : 1079985.3/14

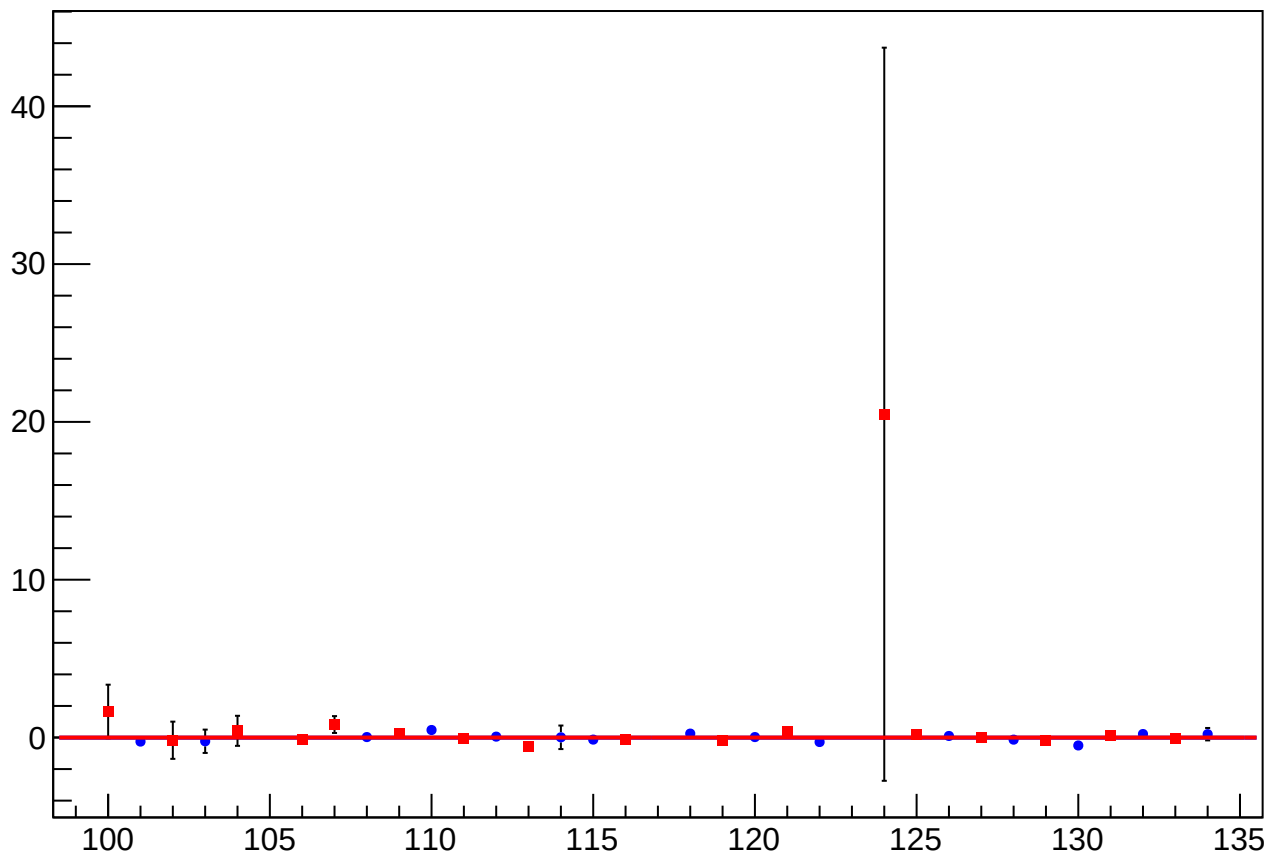
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 13601062.7/30

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

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

Right Out: -0.003 ± 0.058 χ^2/NDF : 19.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

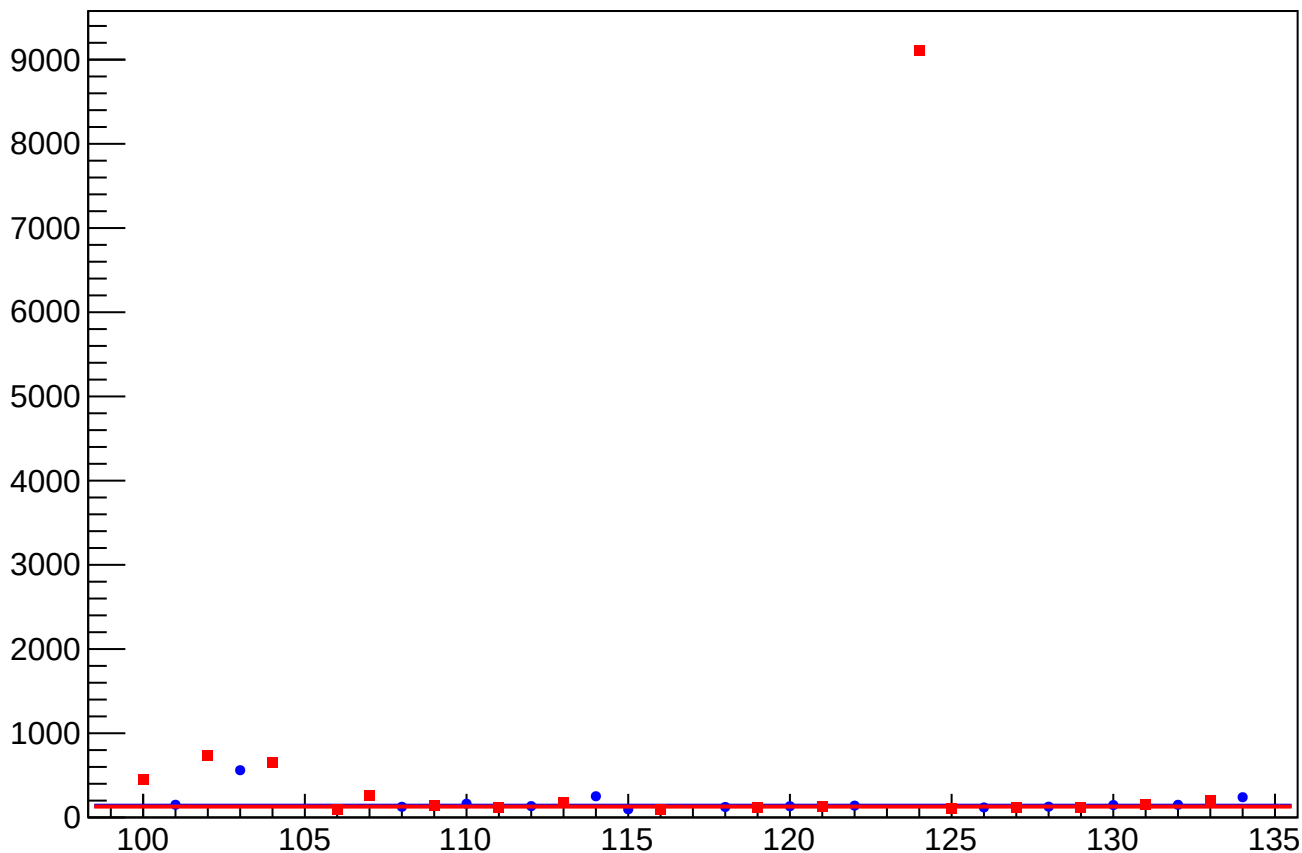
Right: -0.007 ± 0.042 χ^2/NDF : 35.9/31

In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.042 χ^2/NDF : 35.9/31

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.735+/-0.042 χ^2/NDF : 961021.9/14

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

Right Out: 129.072+/-0.041 χ^2/NDF : 1968331.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

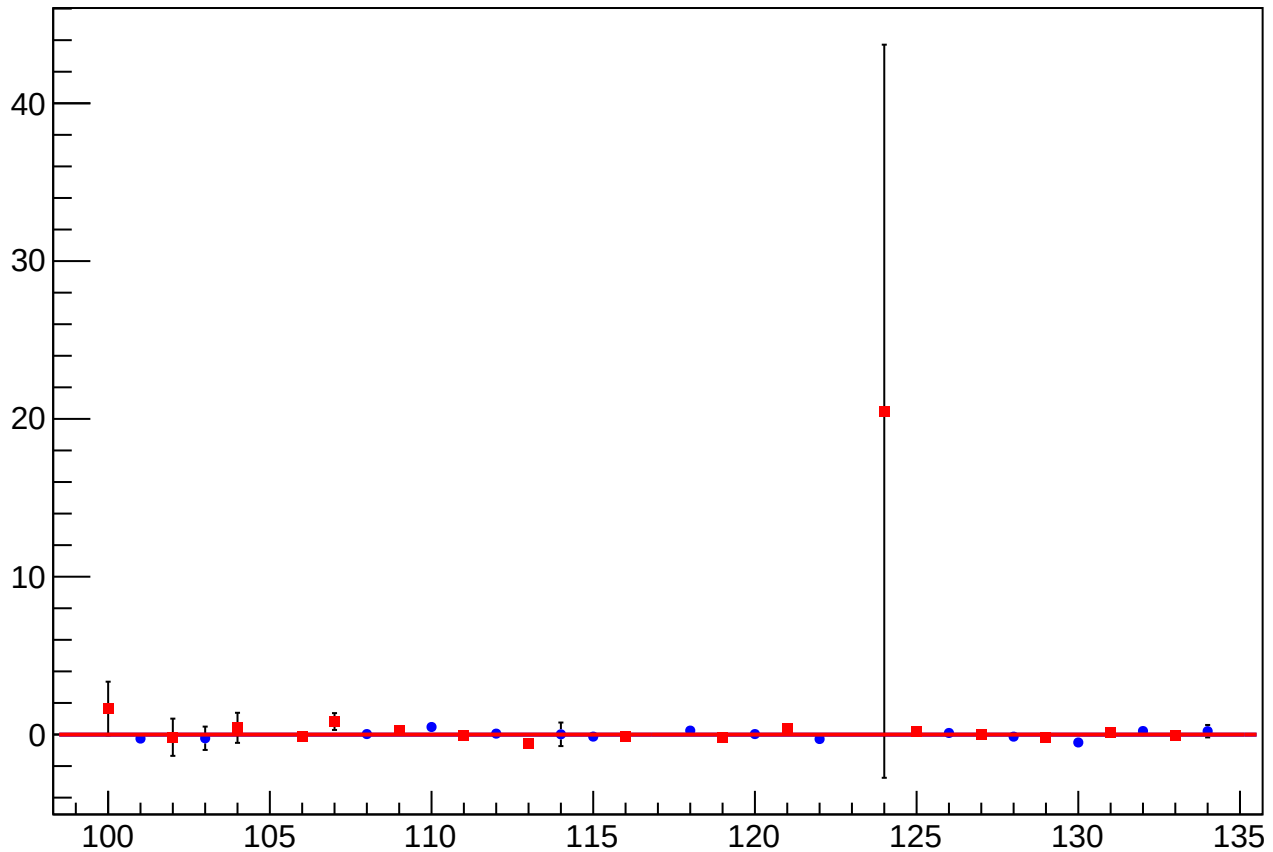
Right: 134.211+/-0.029 χ^2/NDF : 2962155.7/31

In: 139.735+/-0.042 χ^2/NDF : 961021.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.211+/-0.029 χ^2/NDF : 2962155.7/31

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.060 χ^2 /NDF: 16.1/14

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

Right Out: -0.003 $\pm$ 0.058 χ^2 /NDF: 19.8/16

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

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

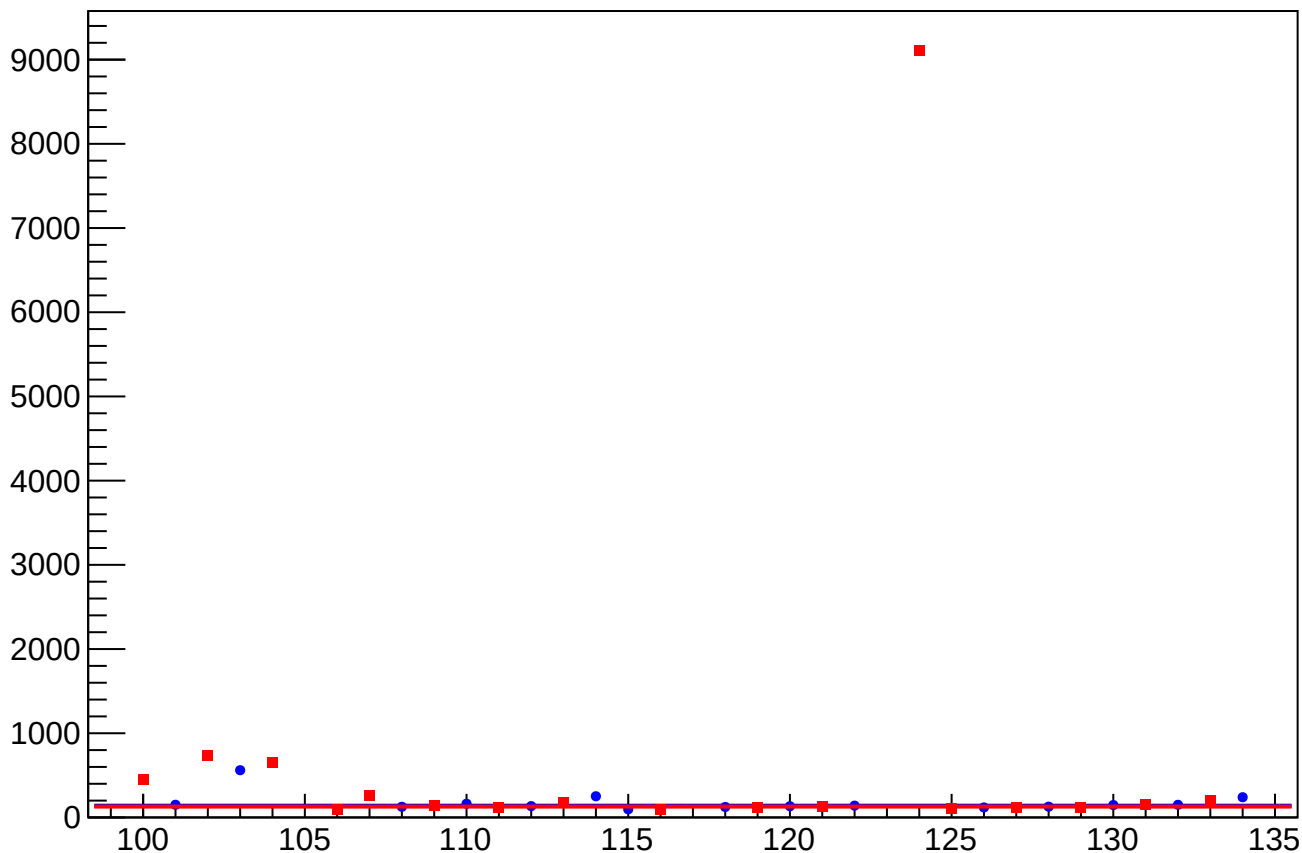
Right: -0.007 $\pm$ 0.042 χ^2 /NDF: 35.9/31

In: -0.012 $\pm$ 0.060 χ^2 /NDF:16.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.042 χ^2 /NDF: 35.9/31

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.735 $\pm$ 0.042 χ^2 /NDF: 961021.9/14

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

Right Out: 129.072 $\pm$ 0.041 χ^2 /NDF: 1968331.7/16

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

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

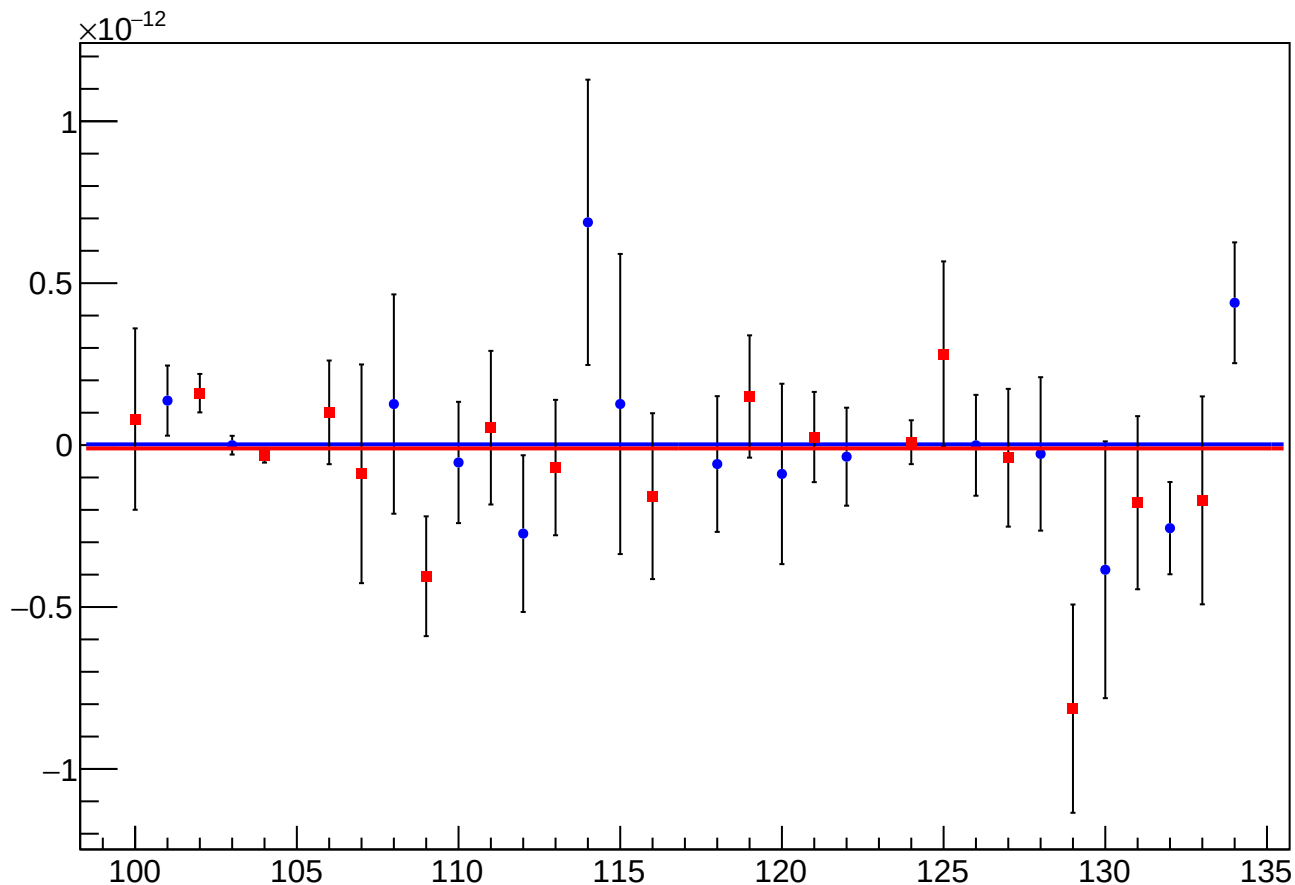
Right: 134.211 $\pm$ 0.029 χ^2 /NDF: 2962155.7/31

In: 139.735 $\pm$ 0.042 χ^2 /NDF:961021.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.211 $\pm$ 0.029 χ^2 /NDF: 2962155.7/31

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/14

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

Right Out: -0.000+/-0.000 χ^2/NDF : 23.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

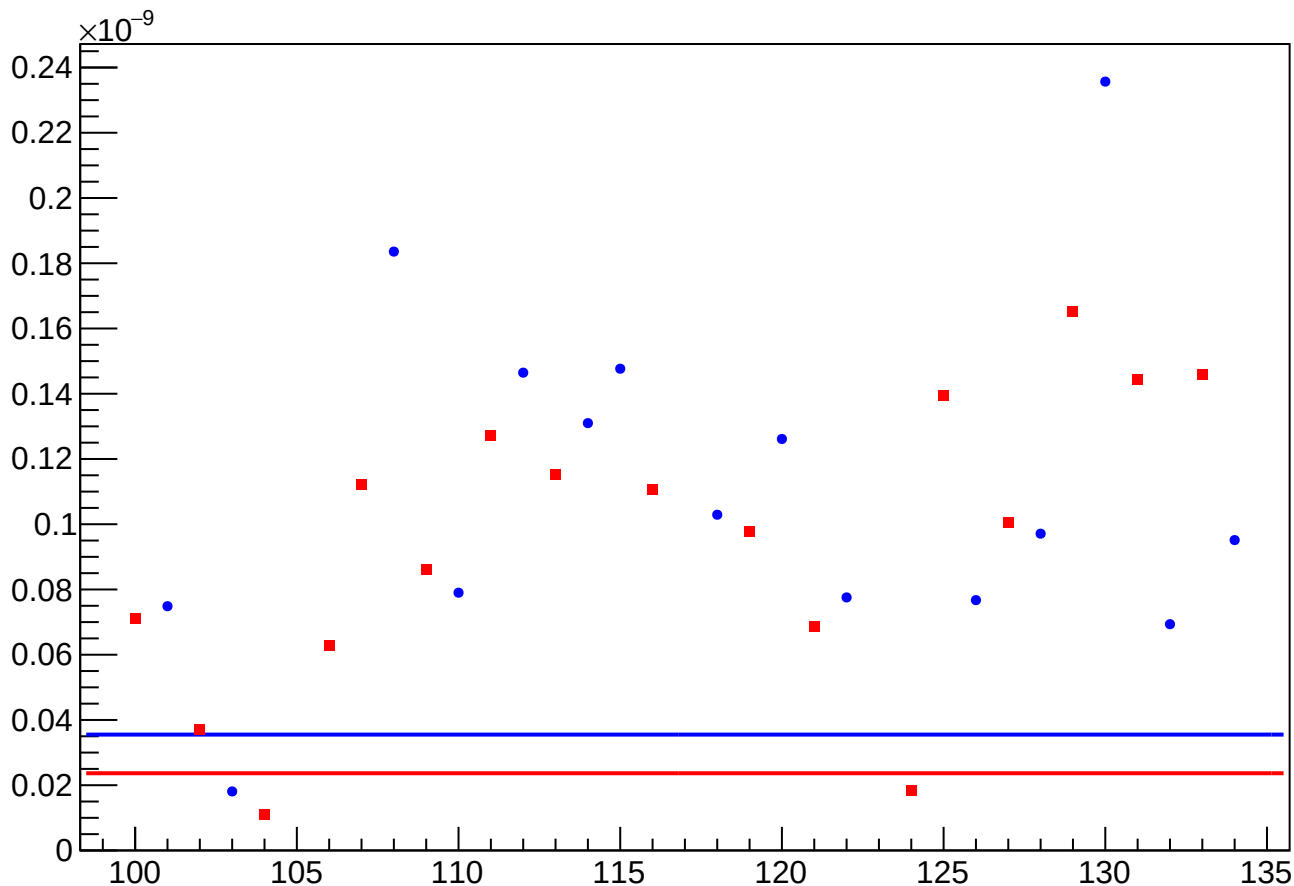
Right: -0.000+/-0.000 χ^2/NDF : 39.4/31

In: 0.000+/-0.000 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.4/31

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3786301.8/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4451972.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

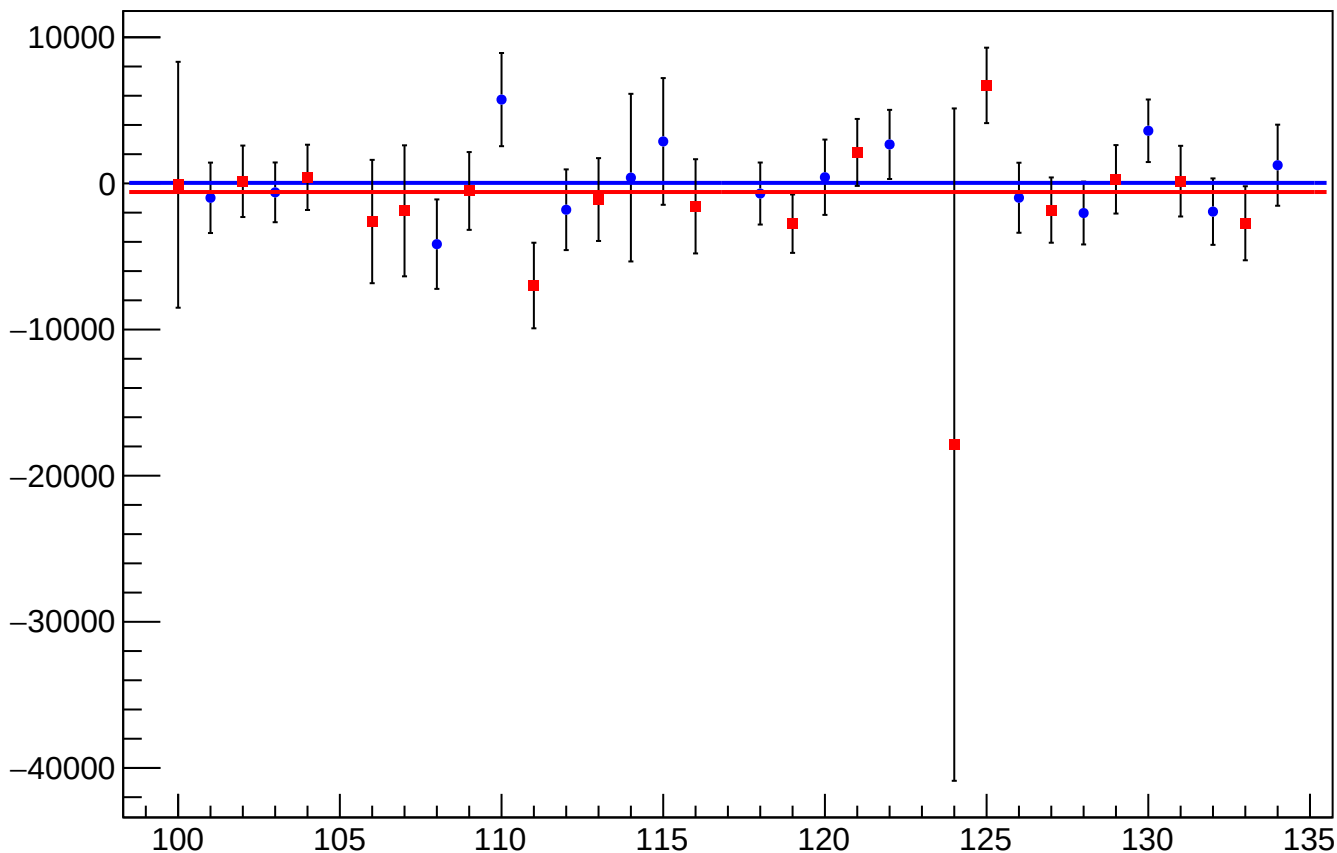
Right: 0.000+/-0.000 χ^2/NDF : 8518191.4/31

In: 0.000+/-0.000 χ^2/NDF : 3786301.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8518191.4/31

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 36.606+/-657.253 χ^2/NDF : 12.4/14

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

Right Out: -588.718+/-663.957 χ^2/NDF : 17.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

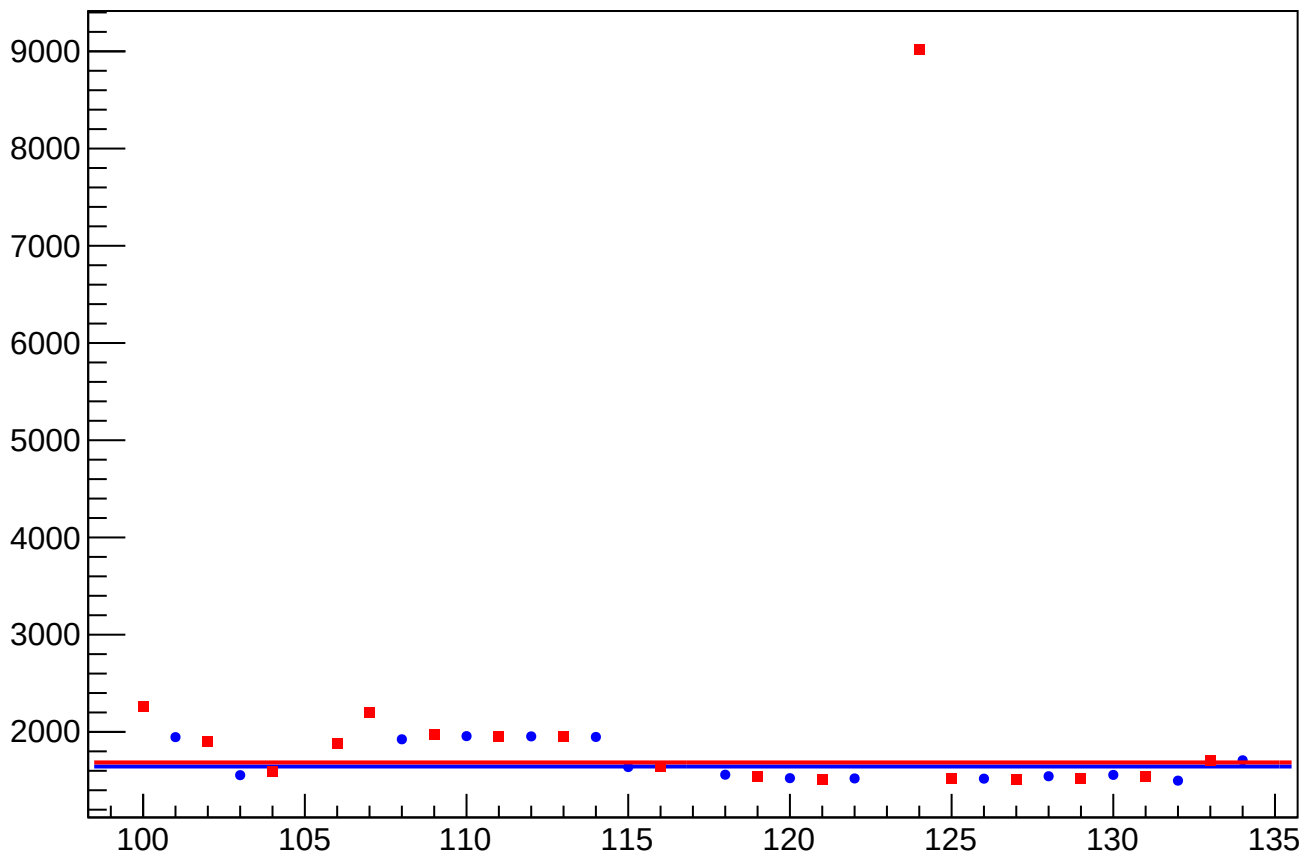
Right: -272.883+/-467.100 χ^2/NDF : 30.8/31

In: 36.606+/-657.253 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.883+/-467.100 χ^2/NDF : 30.8/31

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

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

Right Out: 1686.199+/-0.467 χ^2/NDF : 381462.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

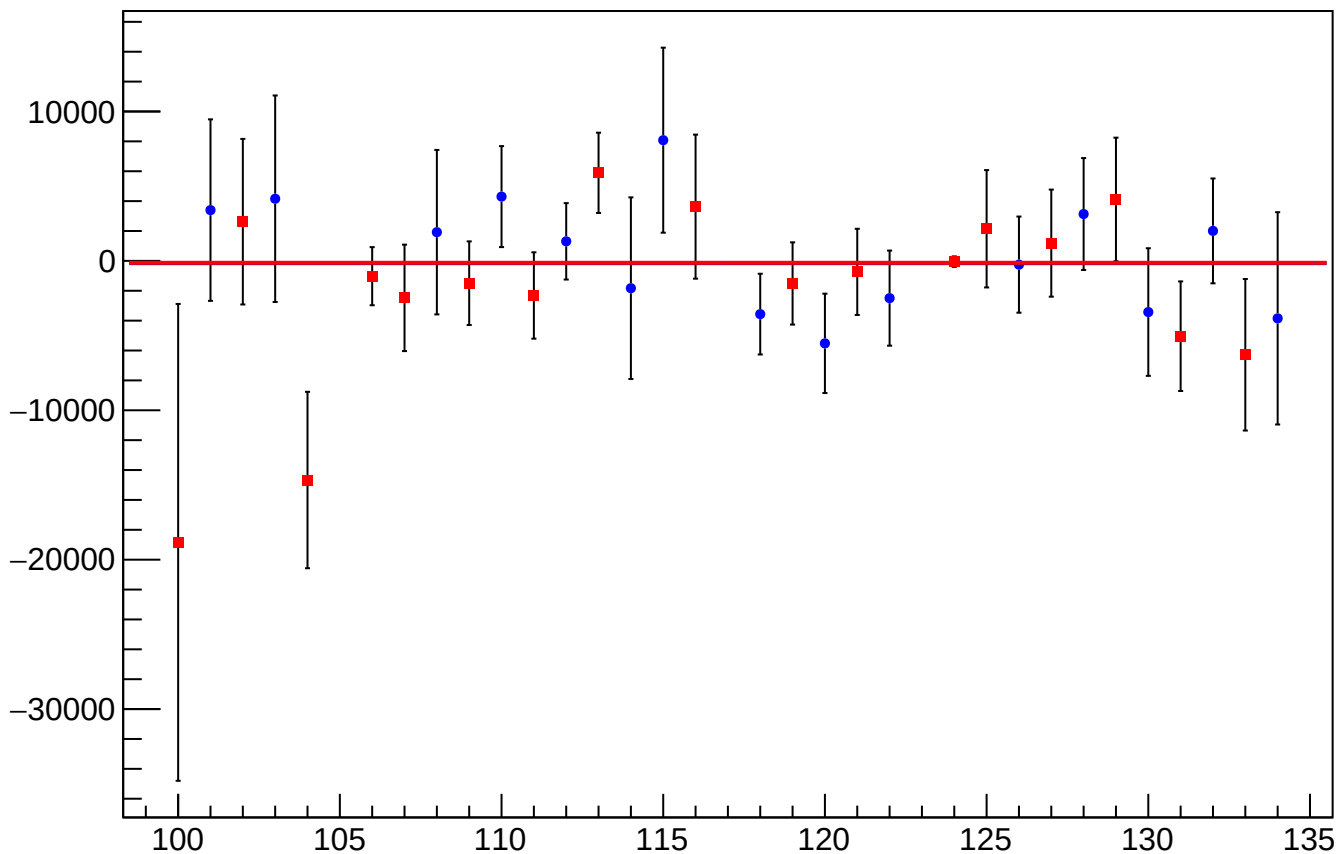
Right: 1665.112+/-0.329 χ^2/NDF : 522544.3/31

In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.112+/-0.329 χ^2/NDF : 522544.3/31

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -150.707 $\pm$ 987.952 χ^2 /NDF: 11.5/14

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

Right Out: -128.473 $\pm$ 324.511 χ^2 /NDF: 19.9/16

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

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

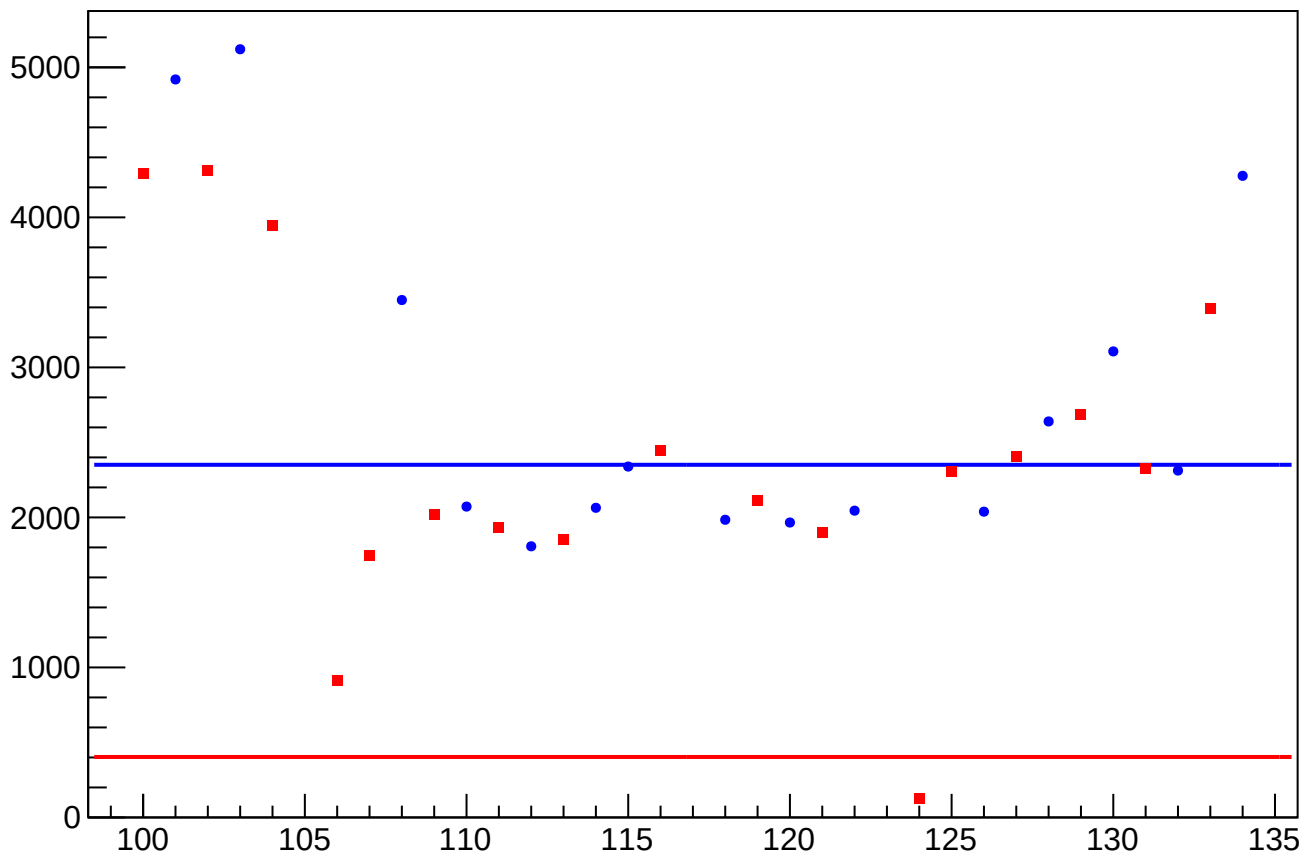
Right: -130.638 $\pm$ 308.305 χ^2 /NDF: 31.4/31

In: -150.707 $\pm$ 987.952 χ^2 /NDF:11.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -130.638 $\pm$ 308.305 χ^2 /NDF: 31.4/31

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2350.761+/-0.699 χ^2/NDF : 1189447.4/14

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

Right Out: 403.136+/-0.229 χ^2/NDF : 9923950.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

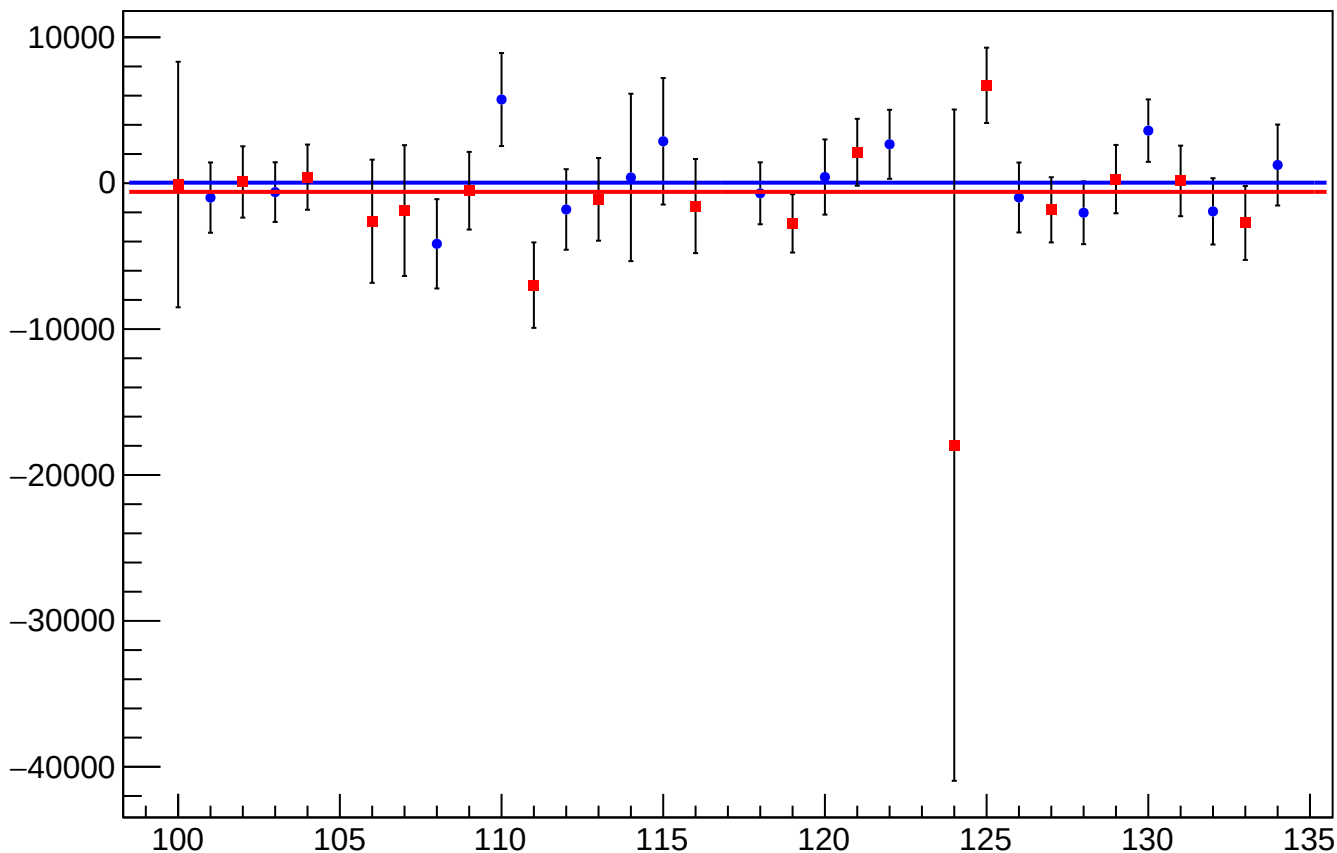
Right: 592.805+/-0.218 χ^2/NDF : 18129109.5/31

In: 2350.761+/-0.699 χ^2/NDF : 1189447.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.805+/-0.218 χ^2/NDF : 18129109.5/31

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 36.482+/-657.253 χ^2/NDF : 12.4/14

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

Right Out: -593.396+/-663.964 χ^2/NDF : 17.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

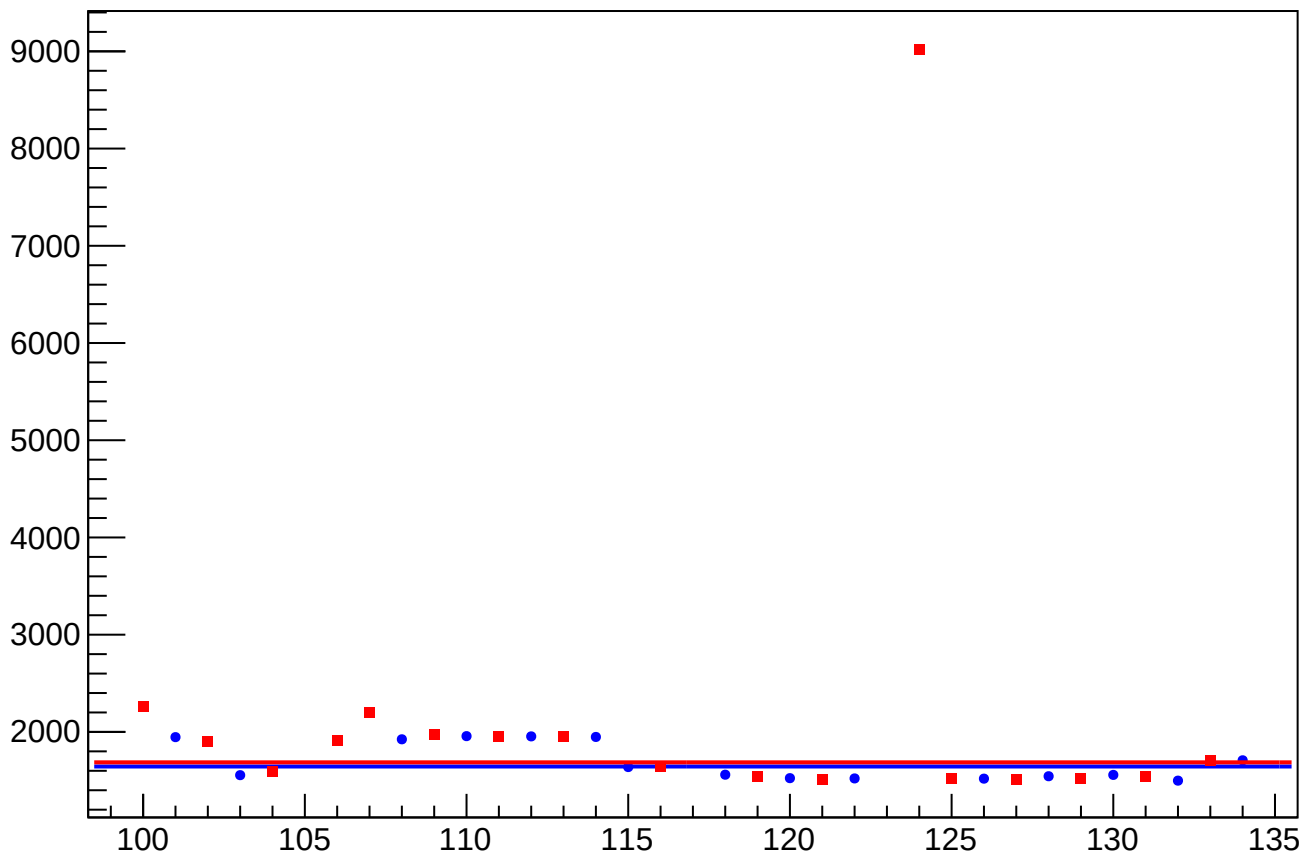
Right: -275.258+/-467.103 χ^2/NDF : 30.8/31

In: 36.482+/-657.253 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.258+/-467.103 χ^2/NDF : 30.8/31

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

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

Right Out: 1687.059+/-0.467 χ^2/NDF : 383295.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

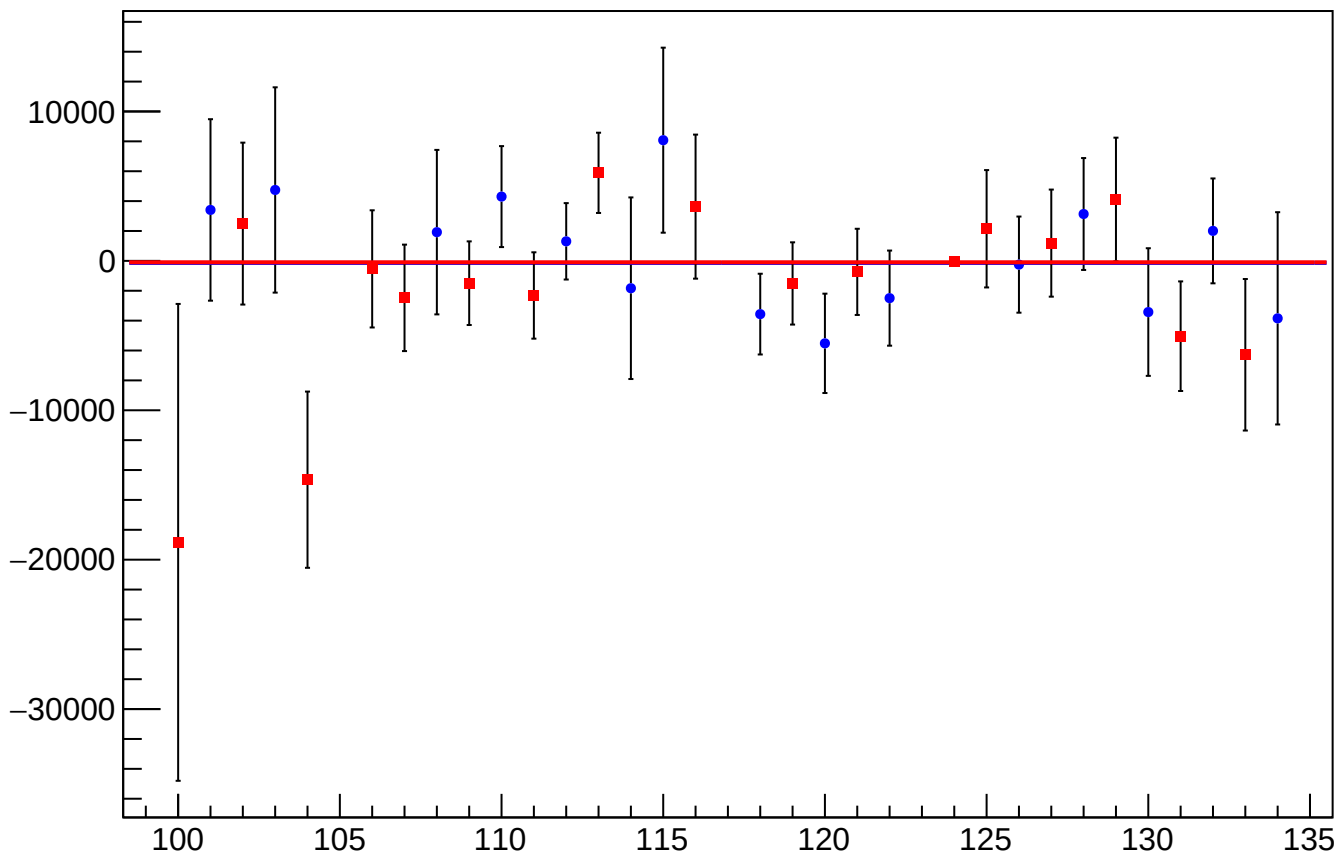
Right: 1665.529+/-0.330 χ^2/NDF : 524542.9/31

In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.529+/-0.330 χ^2/NDF : 524542.9/31

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -137.321+/-987.823 χ^2/NDF : 11.7/14

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

Right Out: -94.831+/-316.496 χ^2/NDF : 19.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

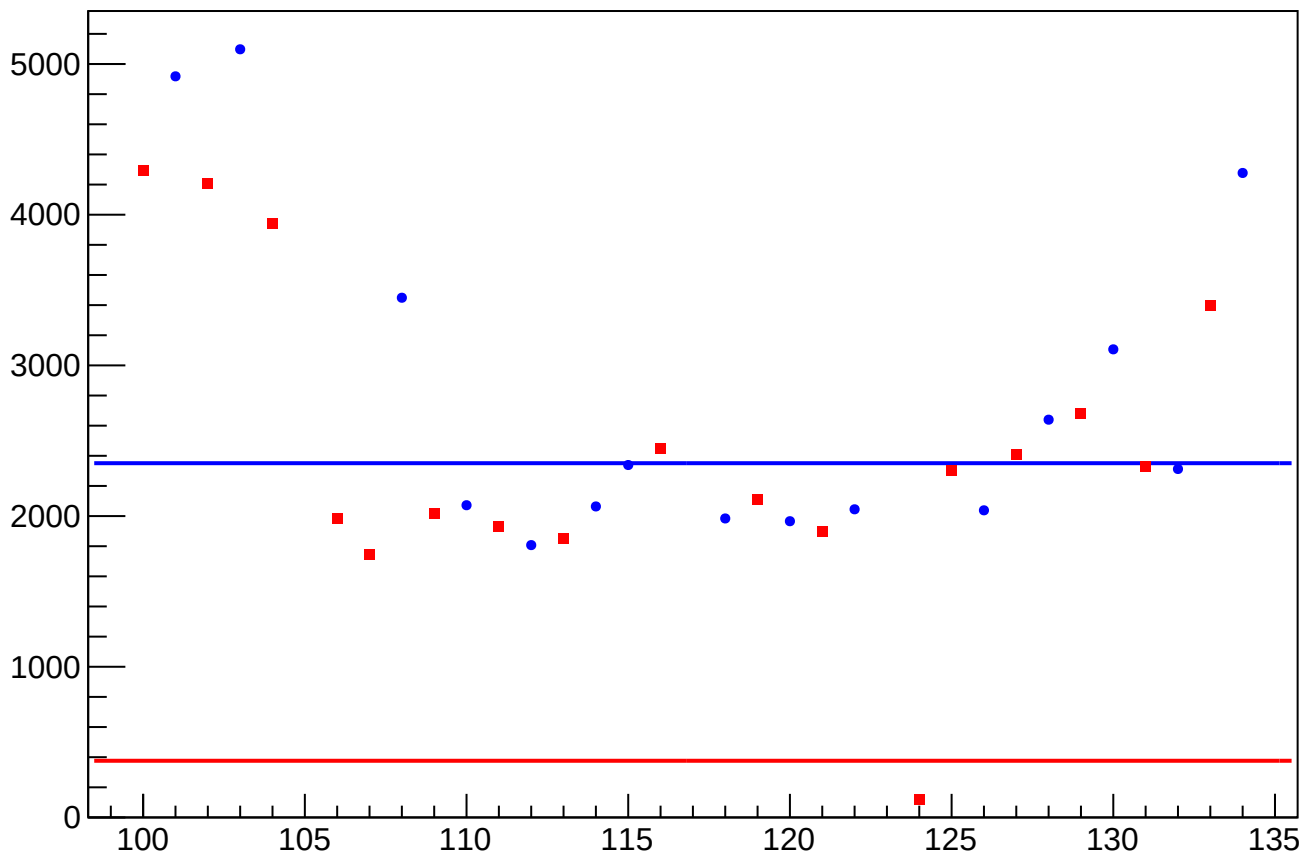
Right: -98.787+/-301.404 χ^2/NDF : 31.3/31

In: -137.321+/-987.823 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.787+/-301.404 χ^2/NDF : 31.3/31

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2350.958+/-0.698 χ^2/NDF : 1187817.4/14

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

Right Out: 376.217+/-0.224 χ^2/NDF : 10250095.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

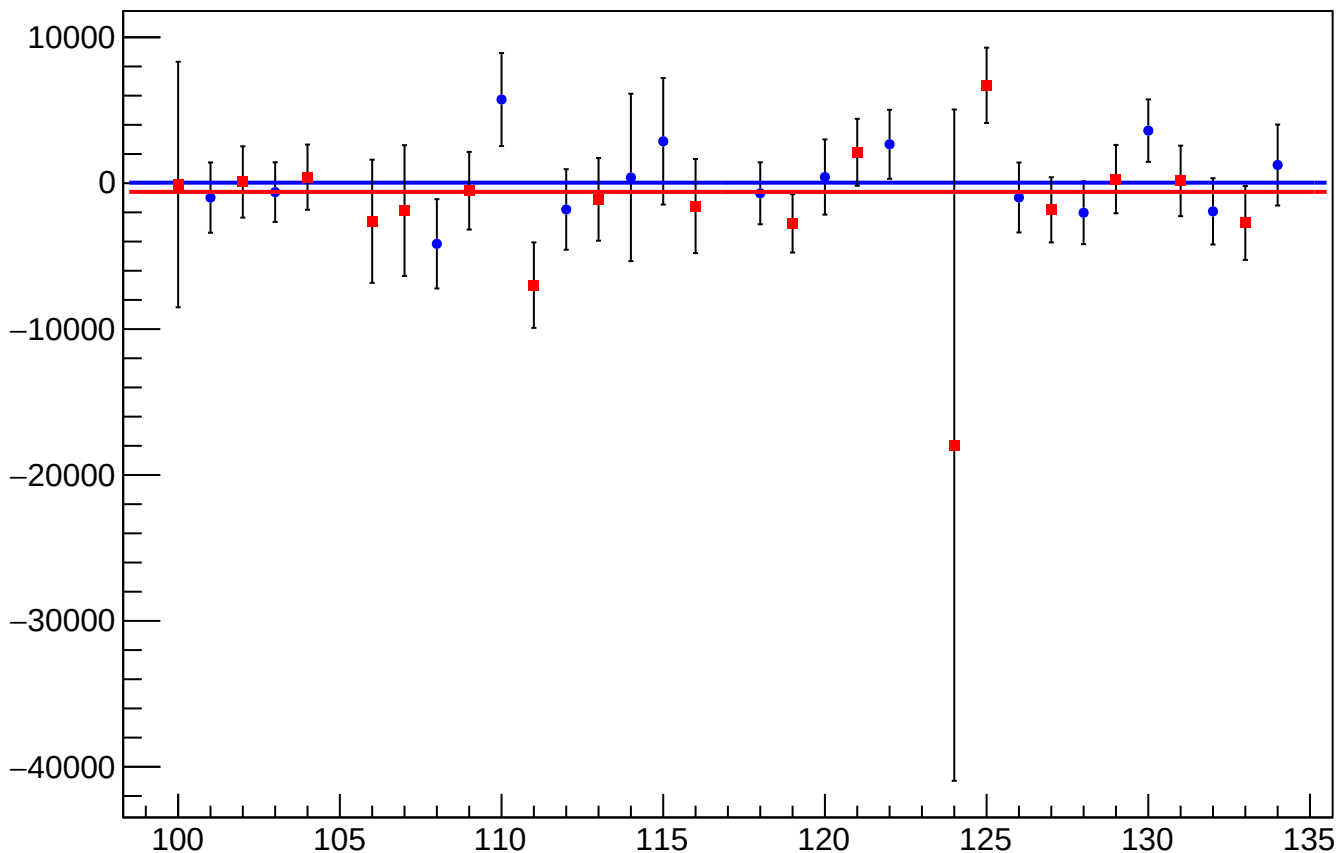
Right: 560.061+/-0.213 χ^2/NDF : 18686476.8/31

In: 2350.958+/-0.698 χ^2/NDF : 1187817.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.061+/-0.213 χ^2/NDF : 18686476.8/31

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 36.482+/-657.253 χ^2/NDF : 12.4/14

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

Right Out: -593.396+/-663.964 χ^2/NDF : 17.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

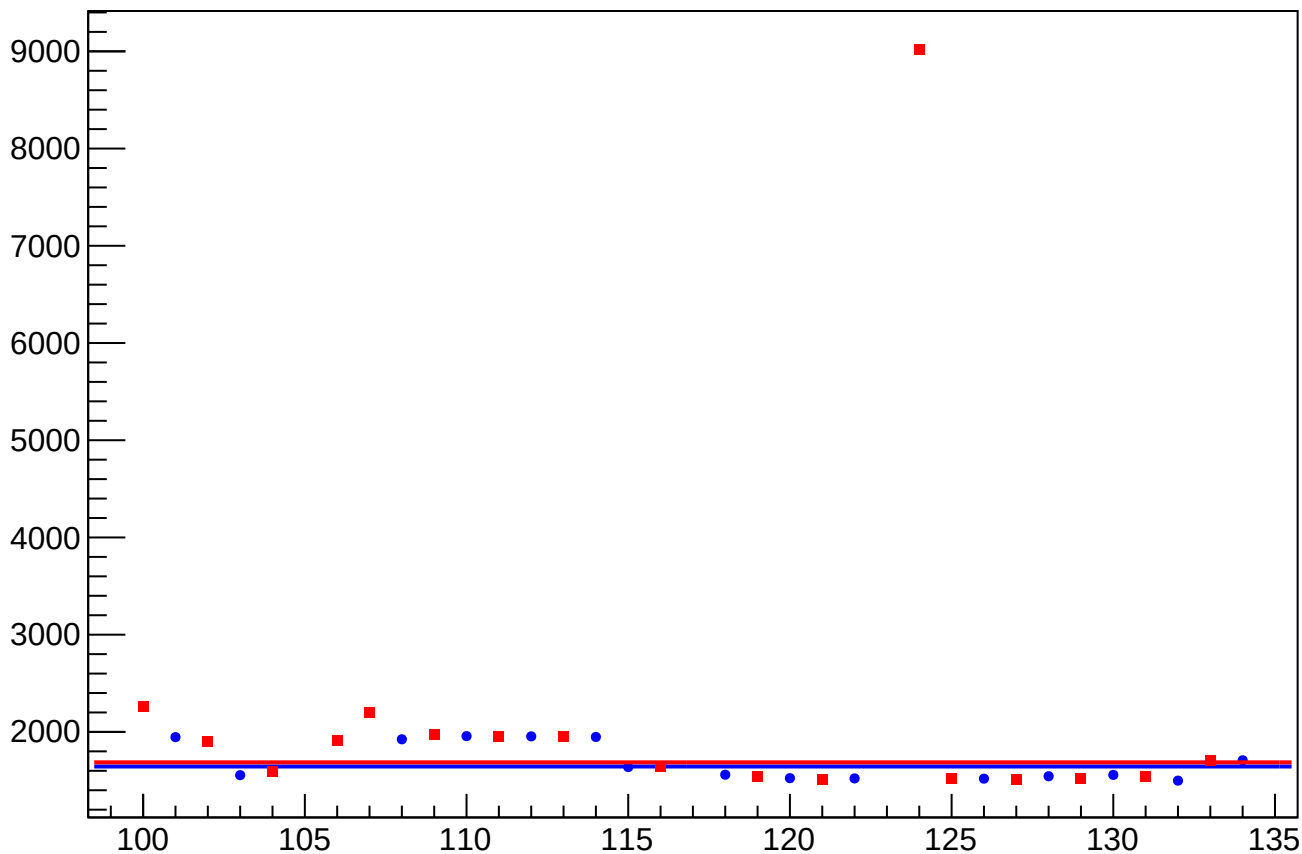
Right: -275.258+/-467.103 χ^2/NDF : 30.8/31

In: 36.482+/-657.253 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.258+/-467.103 χ^2/NDF : 30.8/31

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

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

Right Out: 1687.059+/-0.467 χ^2/NDF : 383295.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

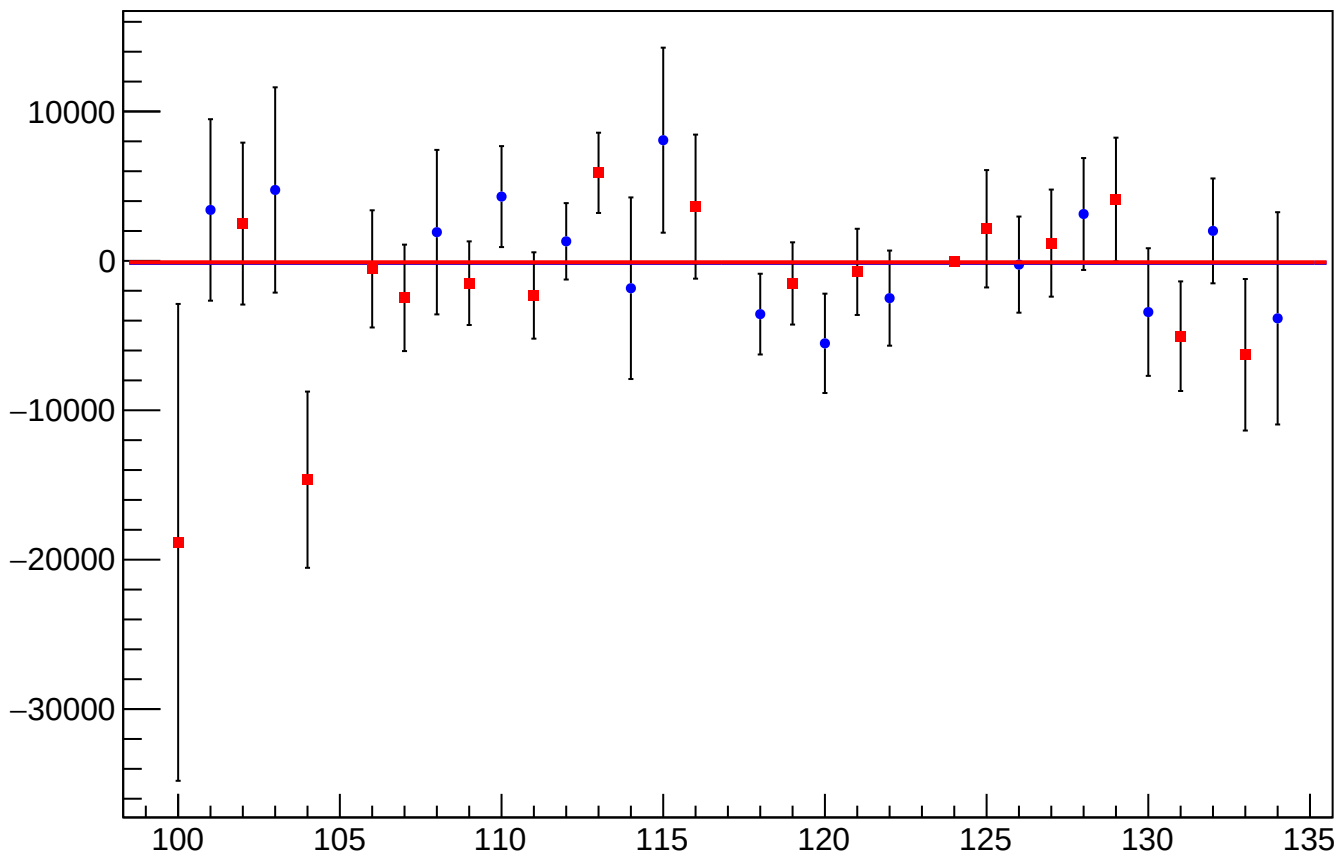
Right: 1665.529+/-0.330 χ^2/NDF : 524542.9/31

In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.529+/-0.330 χ^2/NDF : 524542.9/31

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -137.321+/-987.823 χ^2/NDF : 11.7/14

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

Right Out: -94.831+/-316.496 χ^2/NDF : 19.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

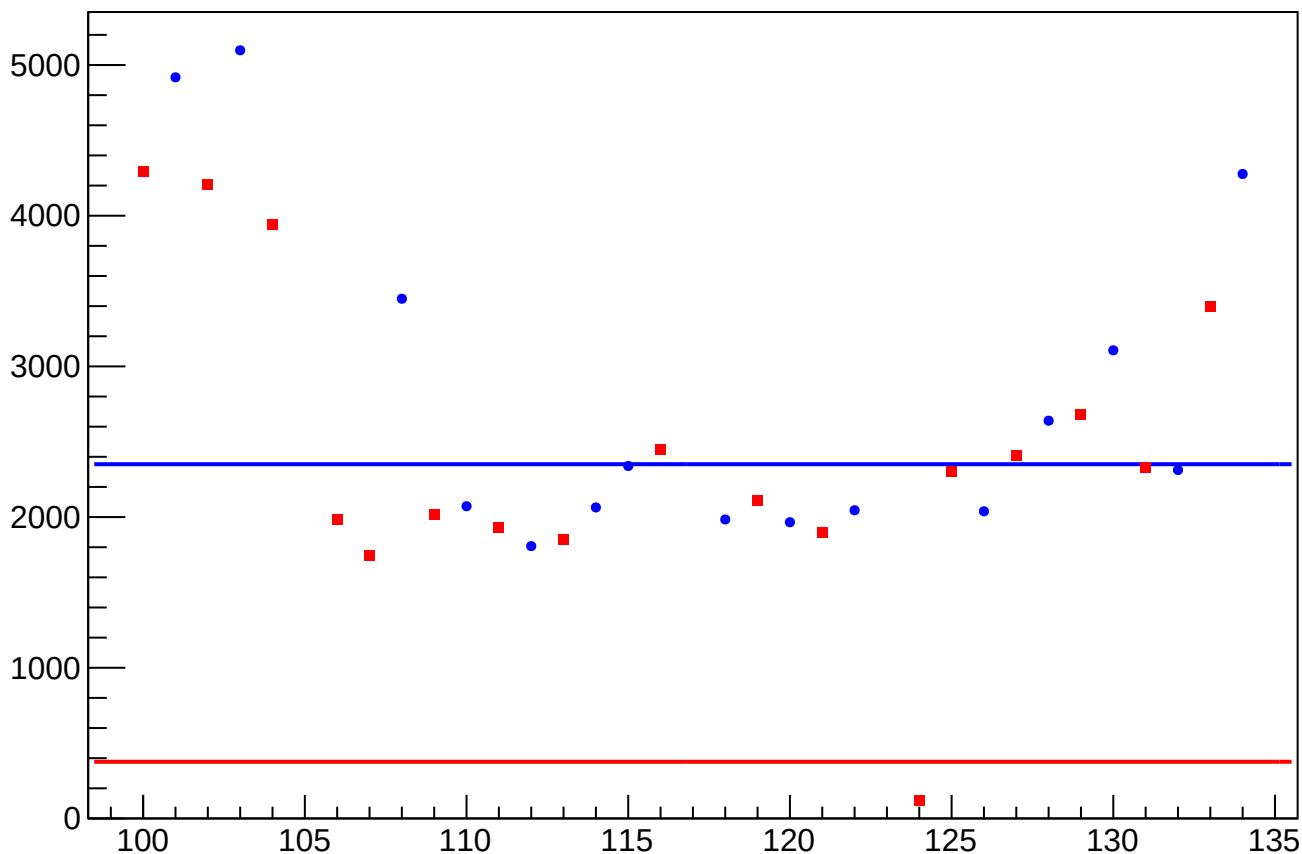
Right: -98.787+/-301.404 χ^2/NDF : 31.3/31

In: -137.321+/-987.823 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.787+/-301.404 χ^2/NDF : 31.3/31

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2350.958+/-0.698 χ^2/NDF : 1187817.4/14

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

Right Out: 376.217+/-0.224 χ^2/NDF : 10250095.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

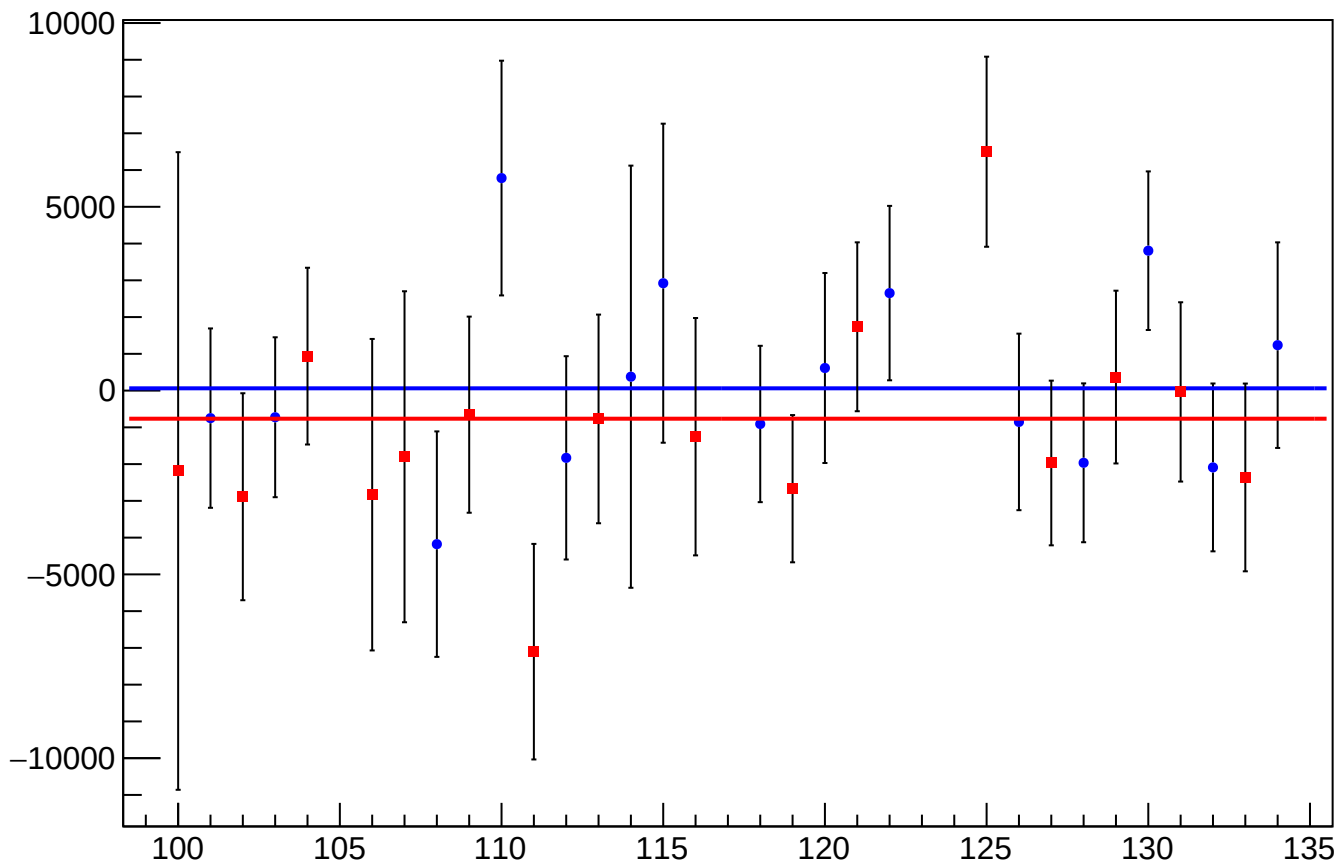
Right: 560.061+/-0.213 χ^2/NDF : 18686476.8/31

In: 2350.958+/-0.698 χ^2/NDF : 1187817.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.061+/-0.213 χ^2/NDF : 18686476.8/31

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 61.868 $\pm$ 663.947 χ^2 /NDF: 12.8/14

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

Right Out: -764.763 $\pm$ 676.602 χ^2 /NDF: 17.1/15

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

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

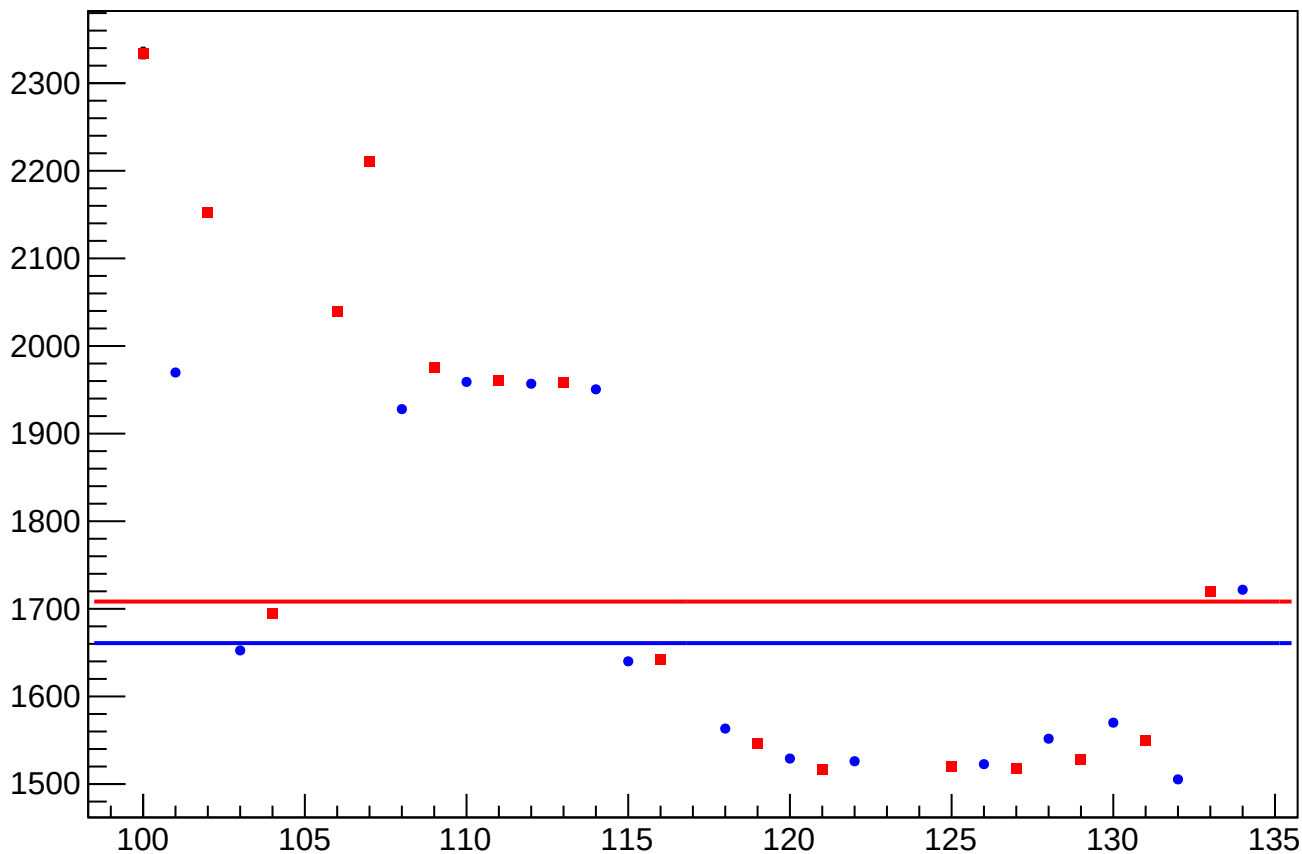
Right: -343.644 $\pm$ 473.892 χ^2 /NDF: 30.6/30

In: 61.868 $\pm$ 663.947 χ^2 /NDF:12.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -343.644 $\pm$ 473.892 χ^2 /NDF: 30.6/30

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1660.877+/-0.469 χ^2/NDF : 134099.1/14

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

Right Out: 1708.295+/-0.477 χ^2/NDF : 223254.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

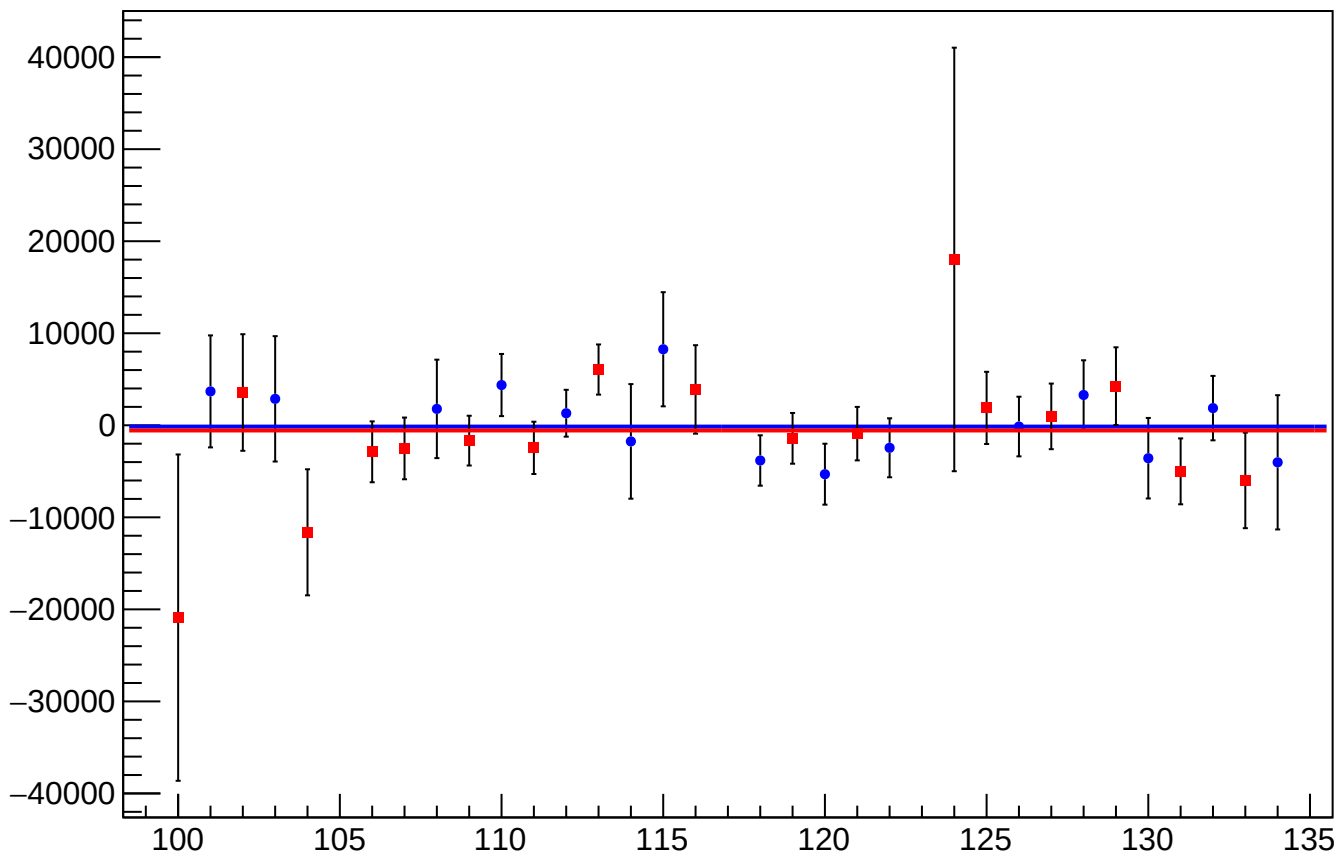
Right: 1684.199+/-0.335 χ^2/NDF : 362370.6/30

In: 1660.877+/-0.469 χ^2/NDF : 134099.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.199+/-0.335 χ^2/NDF : 362370.6/30

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -143.270+/-991.379 χ^2/NDF : 11.6/14

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

Right Out: -563.197+/-899.713 χ^2/NDF : 17.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

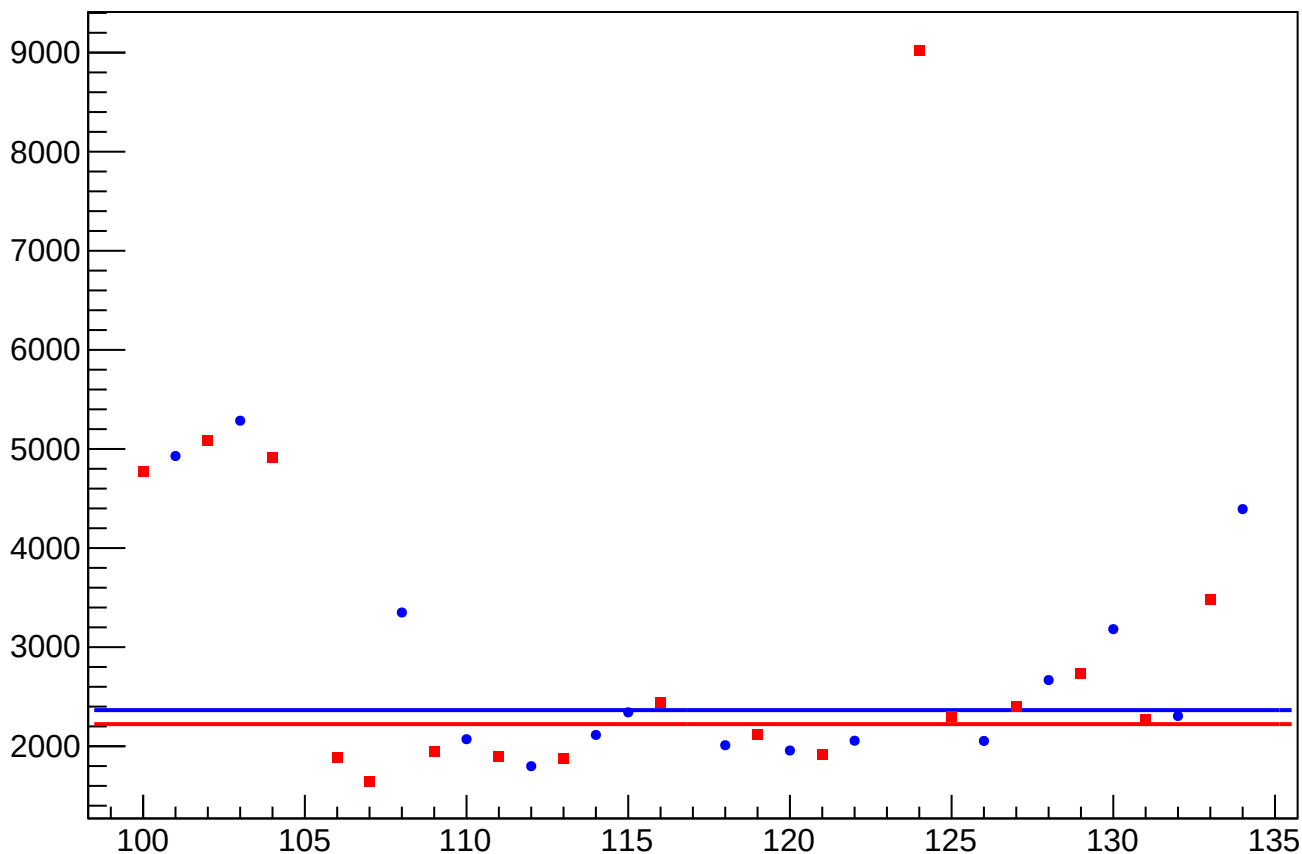
Right: -373.541+/-666.249 χ^2/NDF : 29.5/31

In: -143.270+/-991.379 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.541+/-666.249 χ^2/NDF : 29.5/31

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2364.494+/-0.701 χ^2/NDF : 1246725.4/14

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

Right Out: 2223.237+/-0.636 χ^2/NDF : 1276475.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

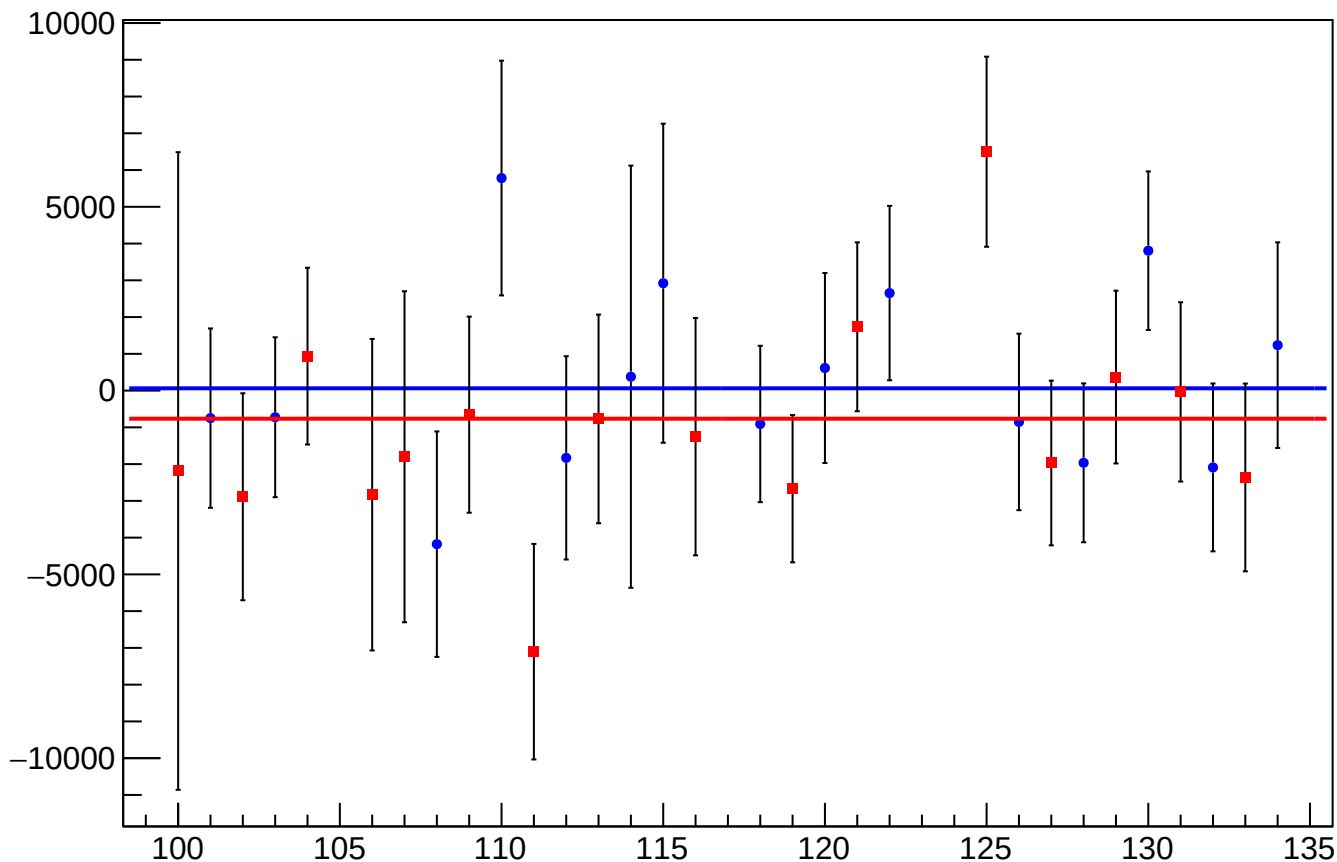
Right: 2287.035+/-0.471 χ^2/NDF : 2545467.0/31

In: 2364.494+/-0.701 χ^2/NDF : 1246725.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.035+/-0.471 χ^2/NDF : 2545467.0/31

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 61.862+/-663.946 χ^2/NDF : 12.8/14

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

Right Out: -764.766+/-676.602 χ^2/NDF : 17.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

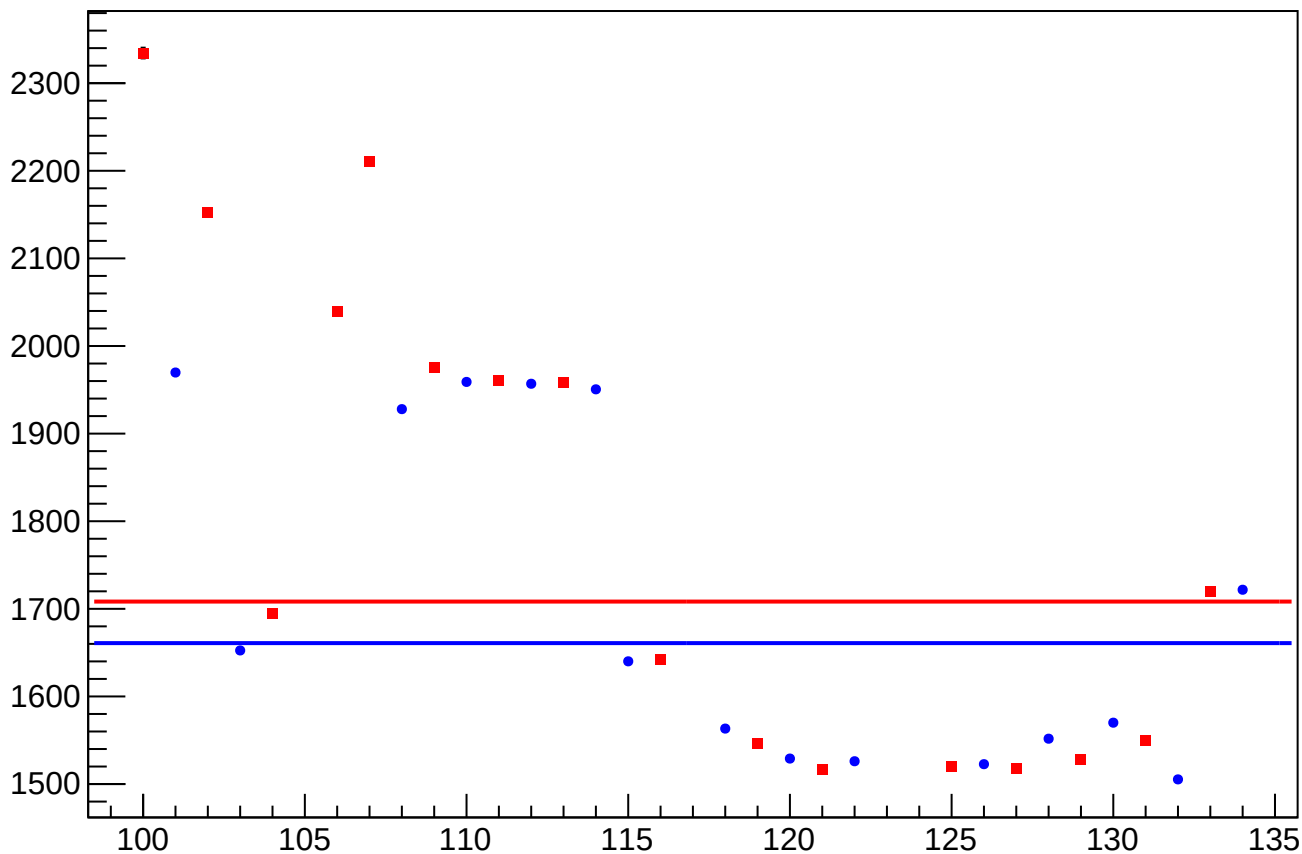
Right: -343.649+/-473.892 χ^2/NDF : 30.6/30

In: 61.862+/-663.946 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.649+/-473.892 χ^2/NDF : 30.6/30

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1660.877+/-0.469 χ^2/NDF : 134099.1/14

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

Right Out: 1708.295+/-0.477 χ^2/NDF : 223253.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

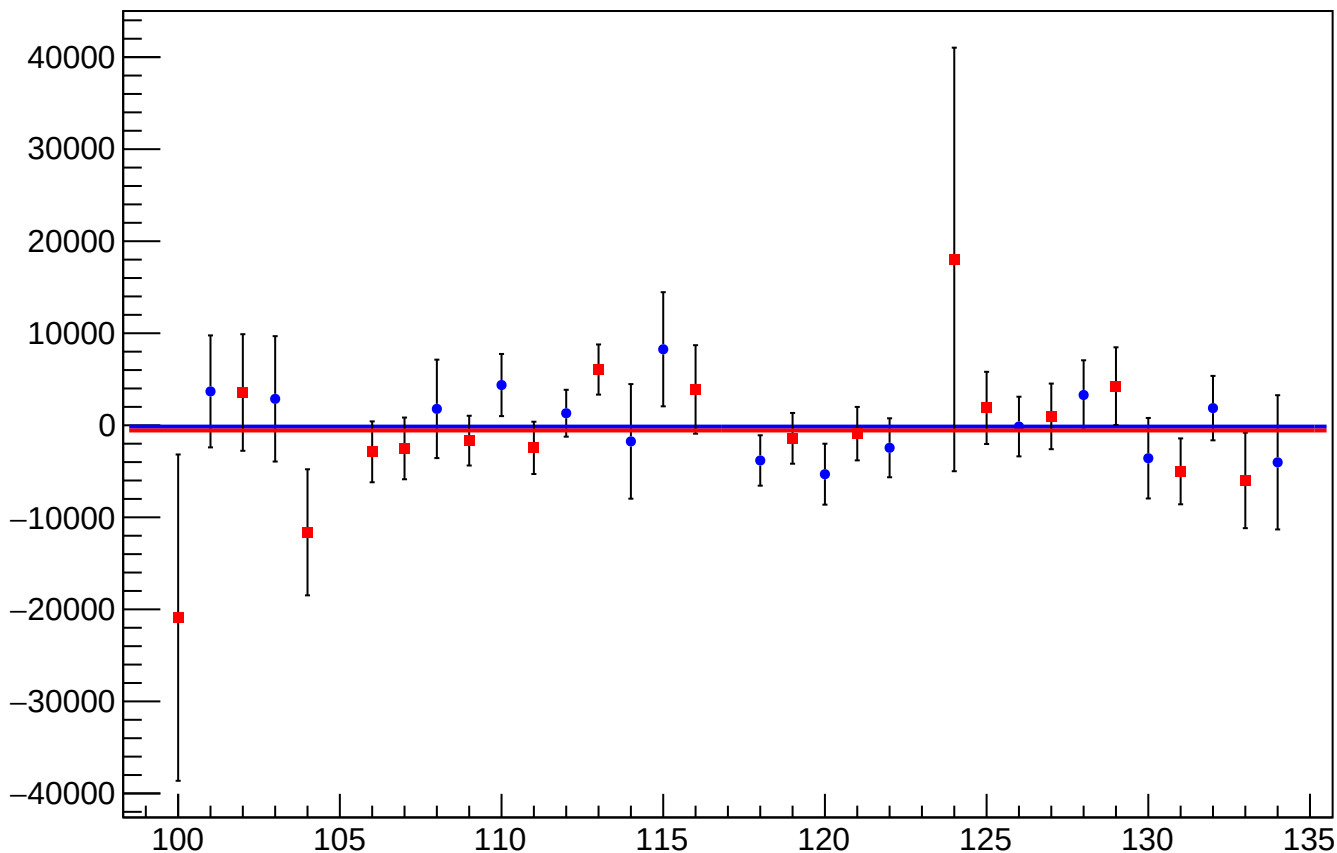
Right: 1684.199+/-0.335 χ^2/NDF : 362369.8/30

In: 1660.877+/-0.469 χ^2/NDF : 134099.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.199+/-0.335 χ^2/NDF : 362369.8/30

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -143.272 $\pm$ 991.374 χ^2 /NDF: 11.6/14

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

Right Out: -563.199 $\pm$ 899.710 χ^2 /NDF: 17.8/16

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

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

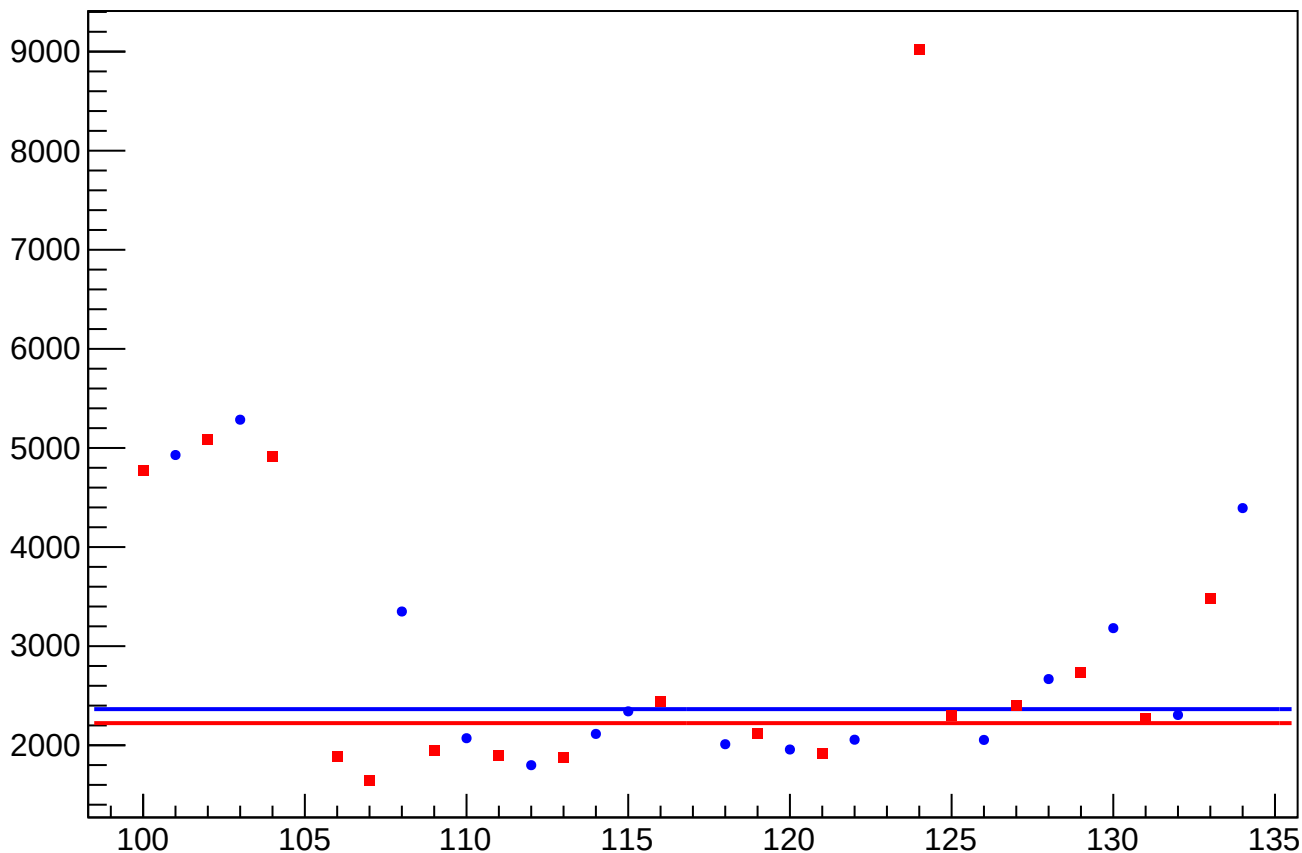
Right: -373.543 $\pm$ 666.246 χ^2 /NDF: 29.5/31

In: -143.272 $\pm$ 991.374 χ^2 /NDF:11.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -373.543 $\pm$ 666.246 χ^2 /NDF: 29.5/31

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2364.484+/-0.701 χ^2/NDF : 1246732.9/14

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

Right Out: 2223.228+/-0.636 χ^2/NDF : 1276480.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

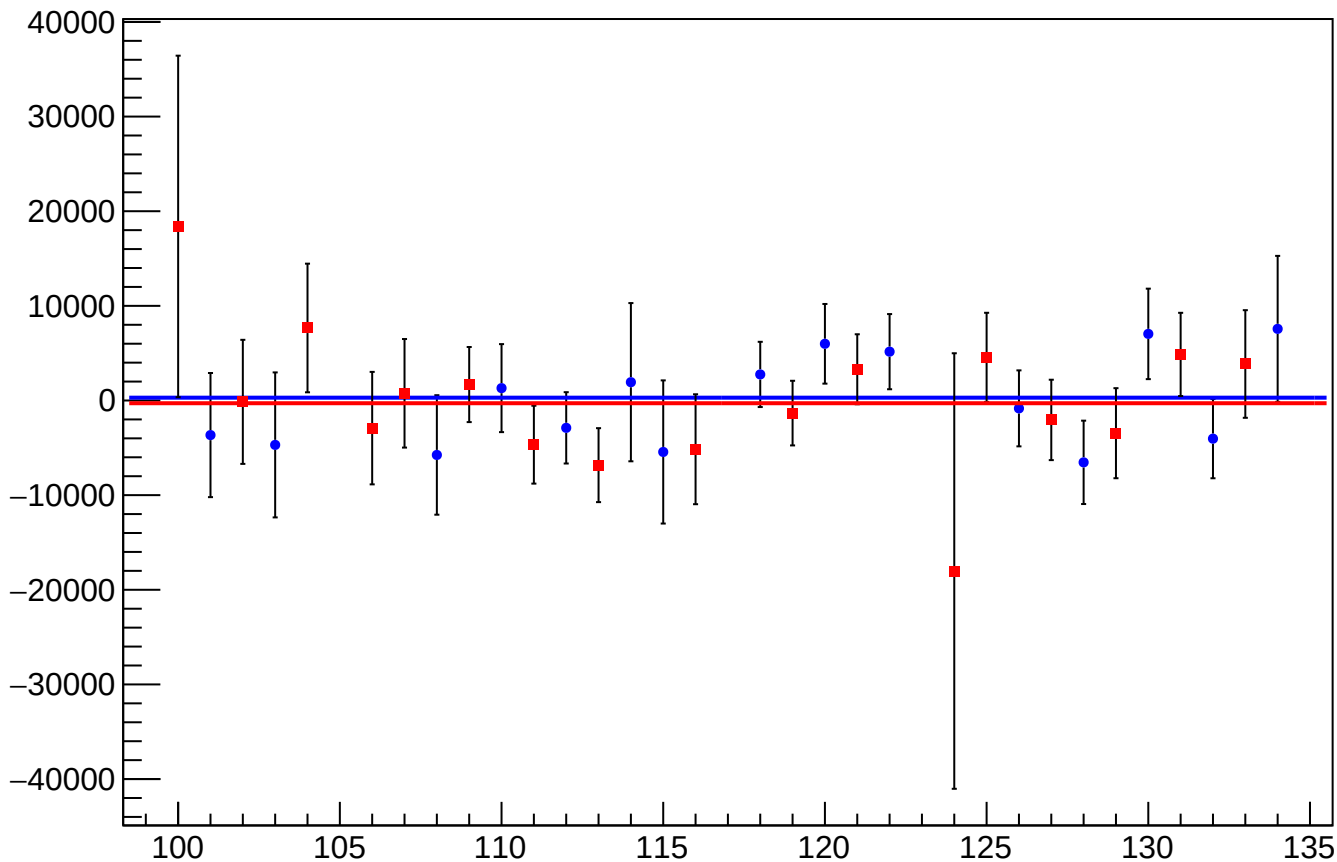
Right: 2287.025+/-0.471 χ^2/NDF : 2545478.3/31

In: 2364.484+/-0.701 χ^2/NDF : 1246732.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.025+/-0.471 χ^2/NDF : 2545478.3/31

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 298.864 ± 1241.074 χ^2/NDF : 13.4/14

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

Right Out: -287.954 ± 1184.584 χ^2/NDF : 12.8/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

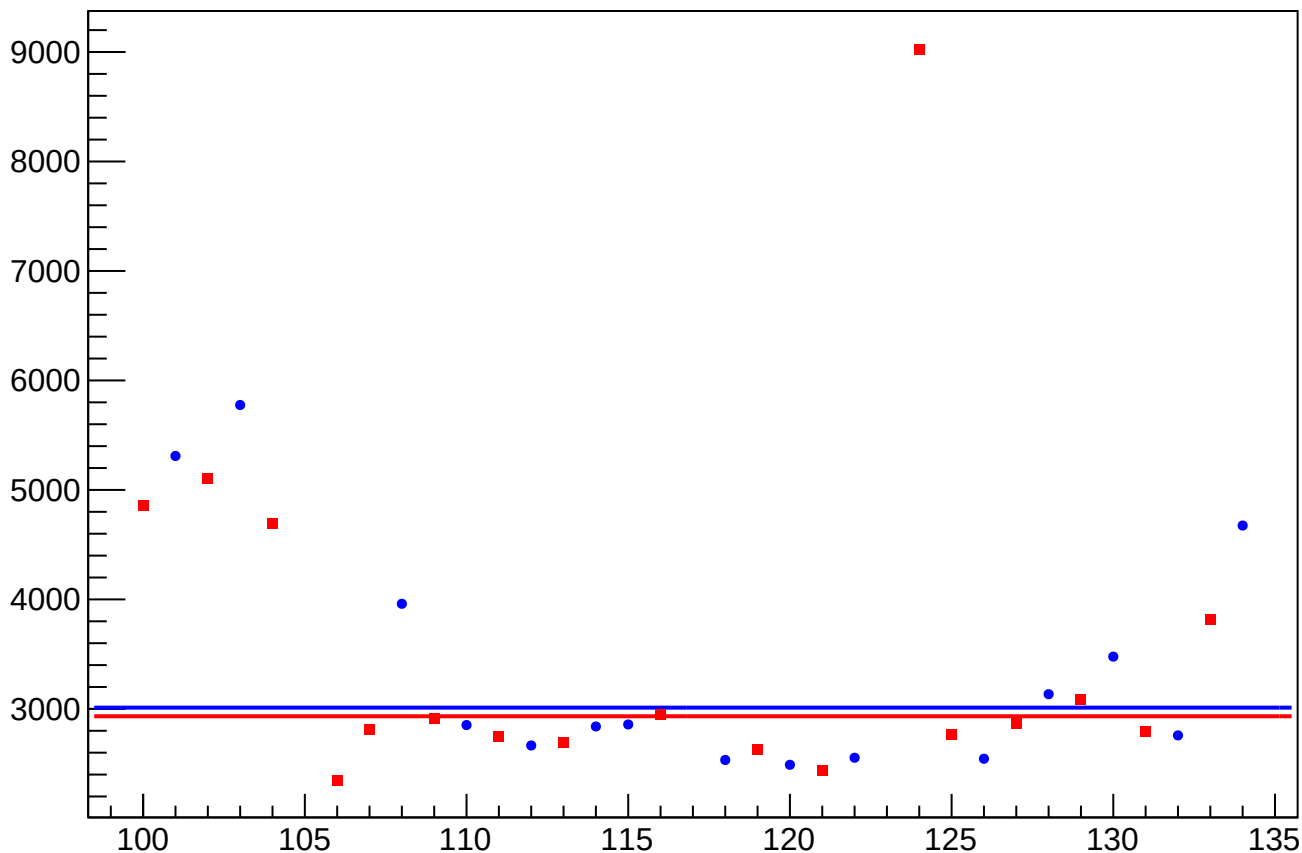
Right: -8.204 ± 856.902 χ^2/NDF : 26.2/31

In: 298.864 ± 1241.074 χ^2/NDF : 13.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.204 ± 856.902 χ^2/NDF : 26.2/31

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3011.410+/-0.878 χ^2/NDF : 816036.9/14

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

Right Out: 2932.522+/-0.826 χ^2/NDF : 670040.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

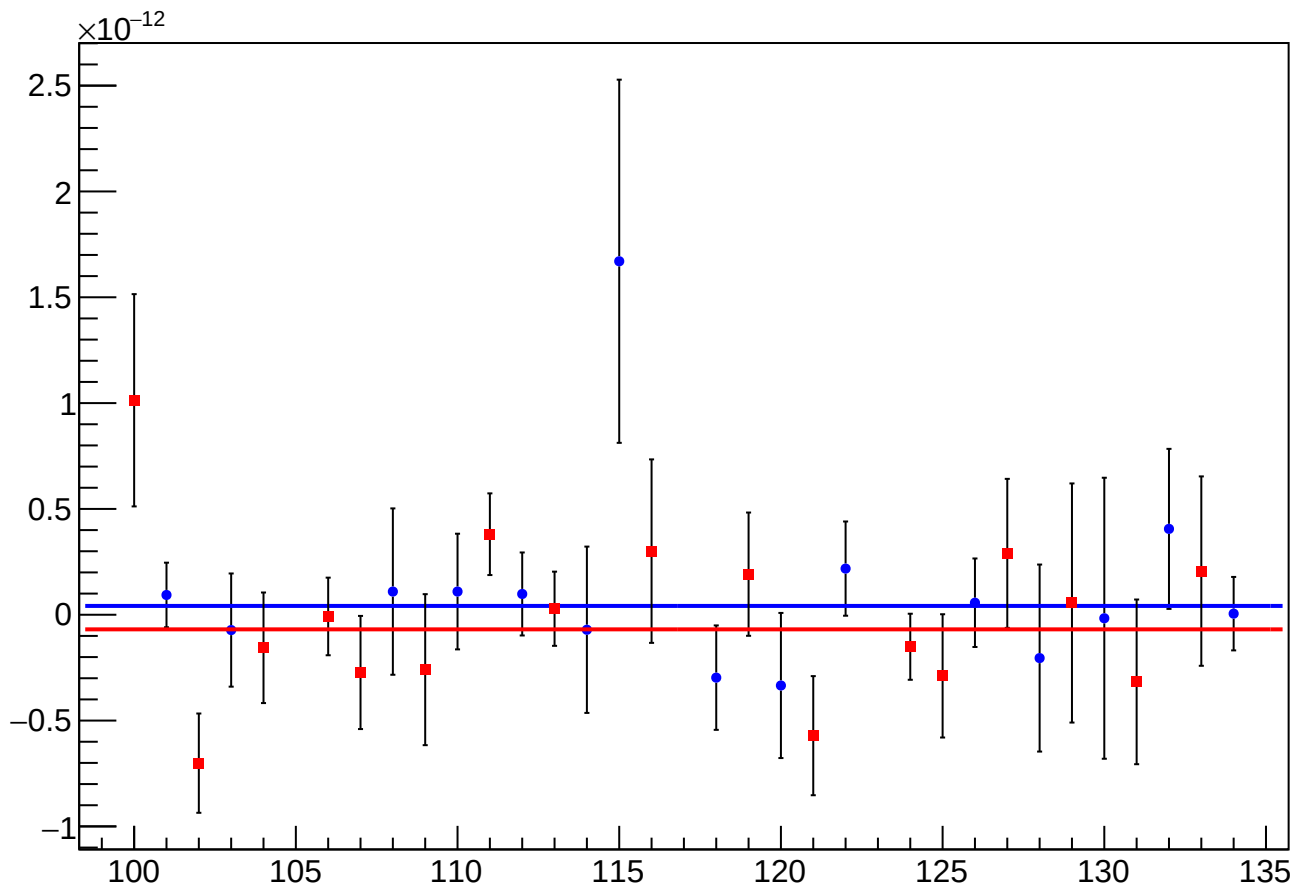
Right: 2969.567+/-0.601 χ^2/NDF : 1490363.1/31

In: 3011.410+/-0.878 χ^2/NDF : 816036.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2969.567+/-0.601 χ^2/NDF : 1490363.1/31

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 9.2/14

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 26.2/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

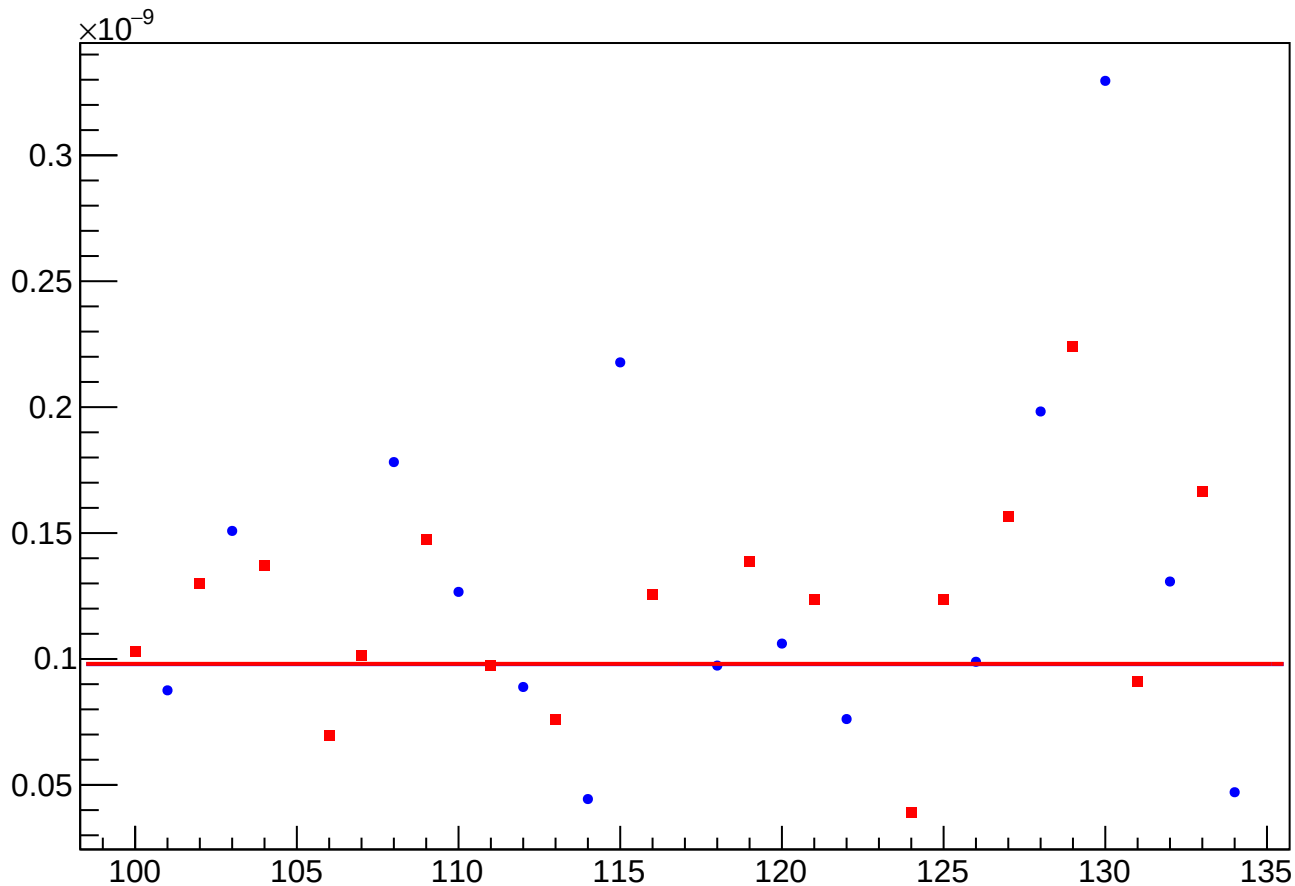
Right: -0.000 ± 0.000 χ^2/NDF : 36.8/31

In: 0.000 ± 0.000 χ^2/NDF : 9.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 36.8/31

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 827185.3/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 768421.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

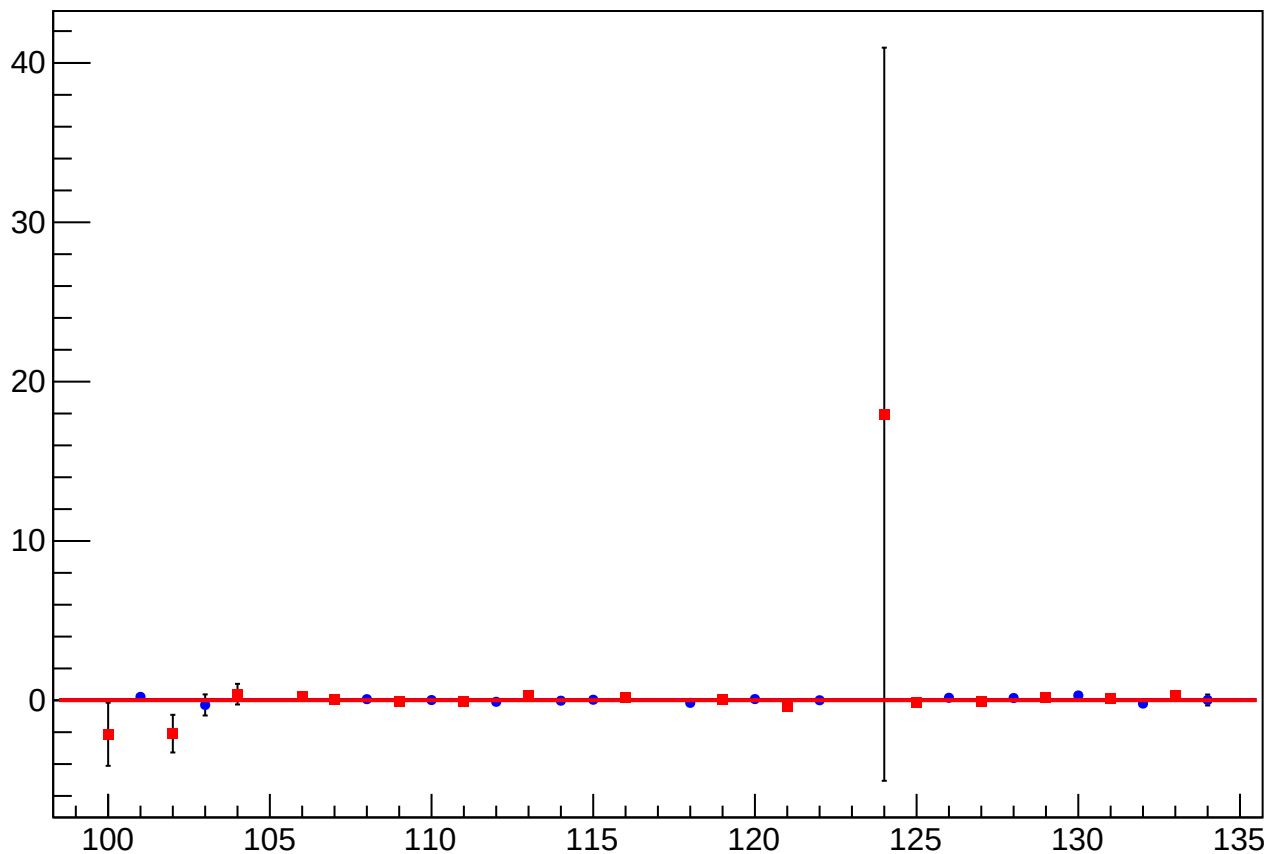
Right: 0.000+/-0.000 χ^2/NDF : 1595610.3/31

In: 0.000+/-0.000 χ^2/NDF : 827185.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1595610.3/31

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.046 χ^2/NDF : 8.0/14

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

Right Out: 0.008+/-0.044 χ^2/NDF : 21.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

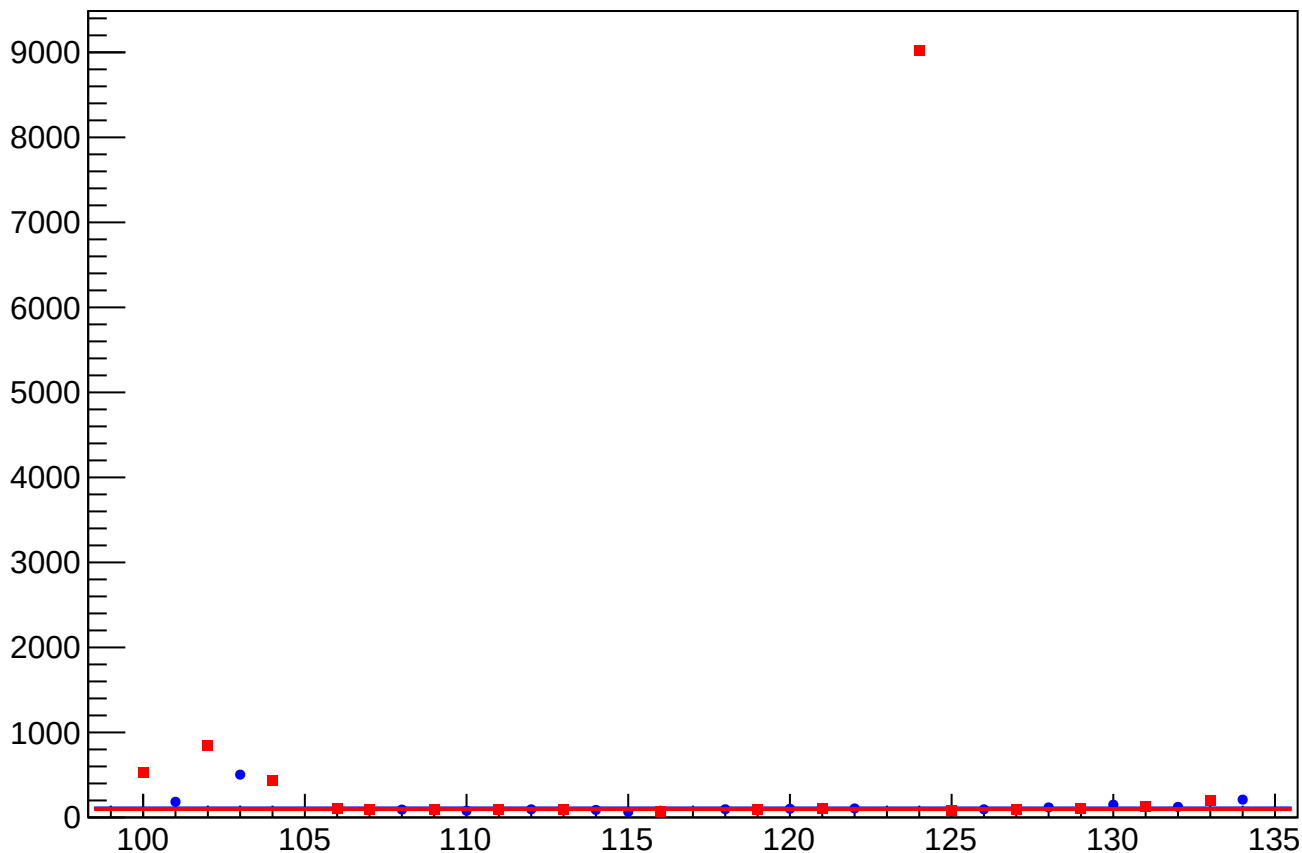
Right: 0.014+/-0.032 χ^2/NDF : 29.5/31

In: 0.020+/-0.046 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.032 χ^2/NDF : 29.5/31

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.785 $\pm$ 0.033 χ^2/NDF : 1464170.8/14

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

Right Out: 98.675 $\pm$ 0.031 χ^2/NDF : 2093482.8/16

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

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

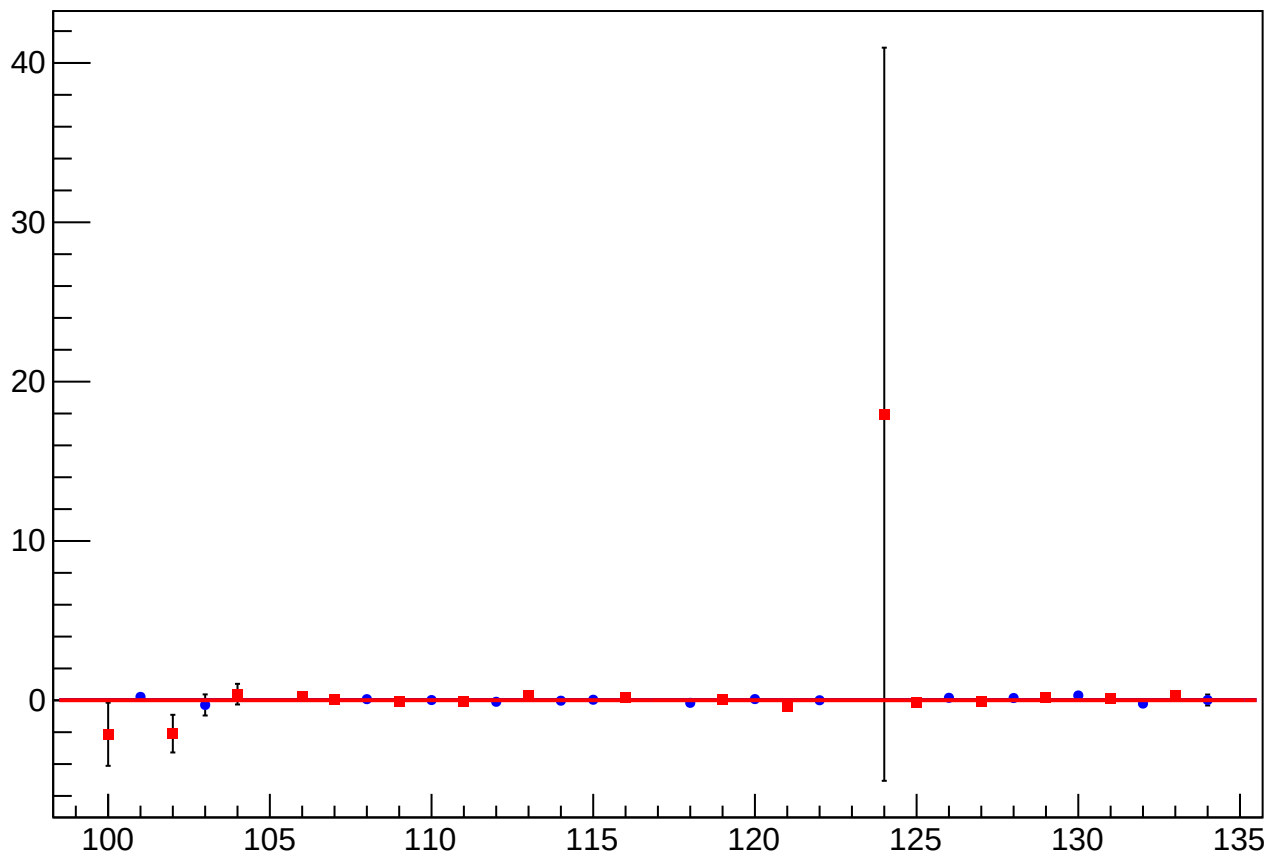
Right: 102.049 $\pm$ 0.022 χ^2/NDF : 3582614.6/31

In: 105.785 $\pm$ 0.033 χ^2/NDF : 1464170.8/14

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

All: 102.049 $\pm$ 0.022 χ^2/NDF : 3582614.6/31

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.046 χ^2/NDF : 8.0/14

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

Right Out: 0.008+/-0.044 χ^2/NDF : 21.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

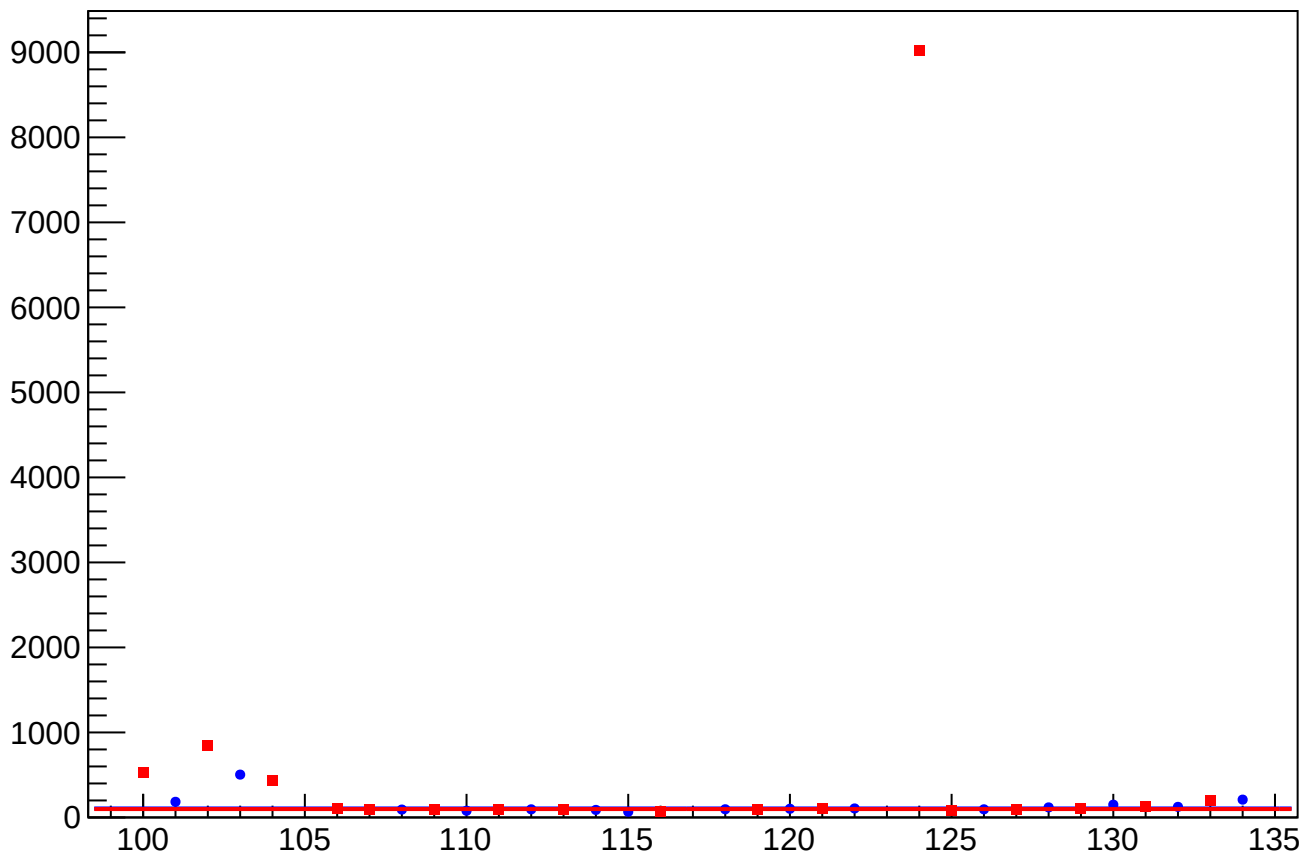
Right: 0.014+/-0.032 χ^2/NDF : 29.5/31

In: 0.020+/-0.046 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.032 χ^2/NDF : 29.5/31

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.785 $\pm$ 0.033 χ^2 /NDF: 1464170.8/14

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

Right Out: 98.675 $\pm$ 0.031 χ^2 /NDF: 2093482.8/16

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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

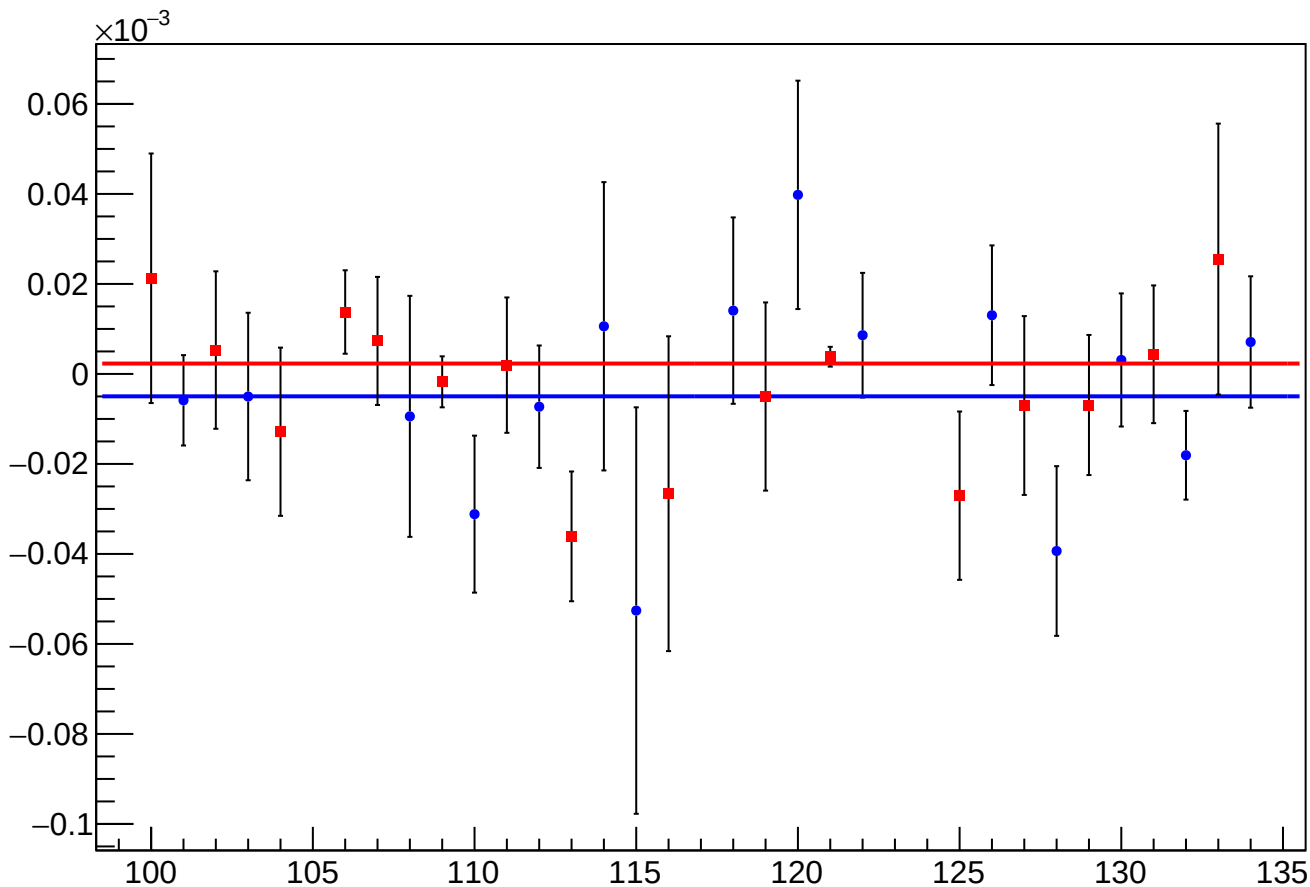
Right: 102.049 $\pm$ 0.022 χ^2 /NDF: 3582614.6/31

In: 105.785 $\pm$ 0.033 χ^2 /NDF:1464170.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.049 $\pm$ 0.022 χ^2 /NDF: 3582614.6/31

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

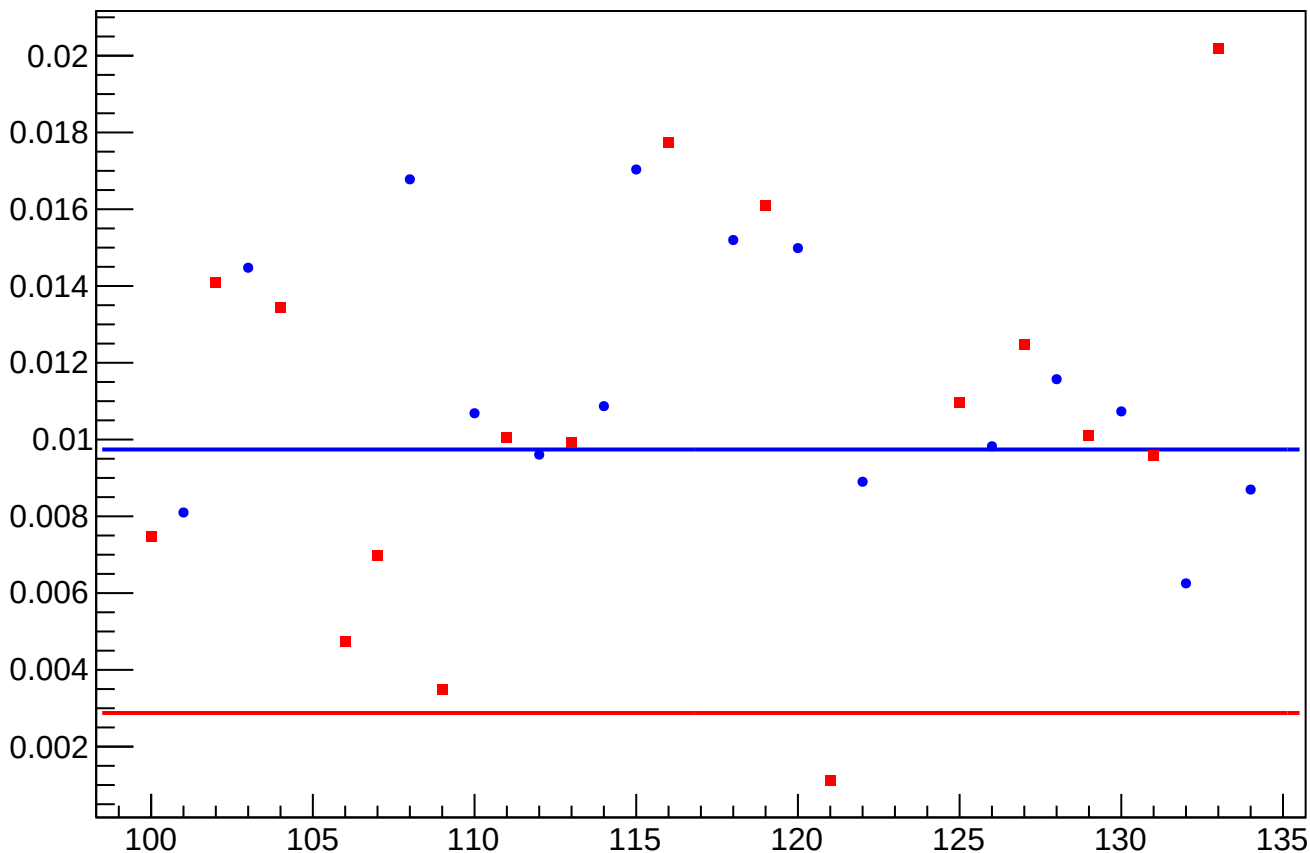
Right: 0.000+/-0.000 χ^2/NDF : 34.0/30

In: -0.000+/-0.000 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/30

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 901899.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7489866.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

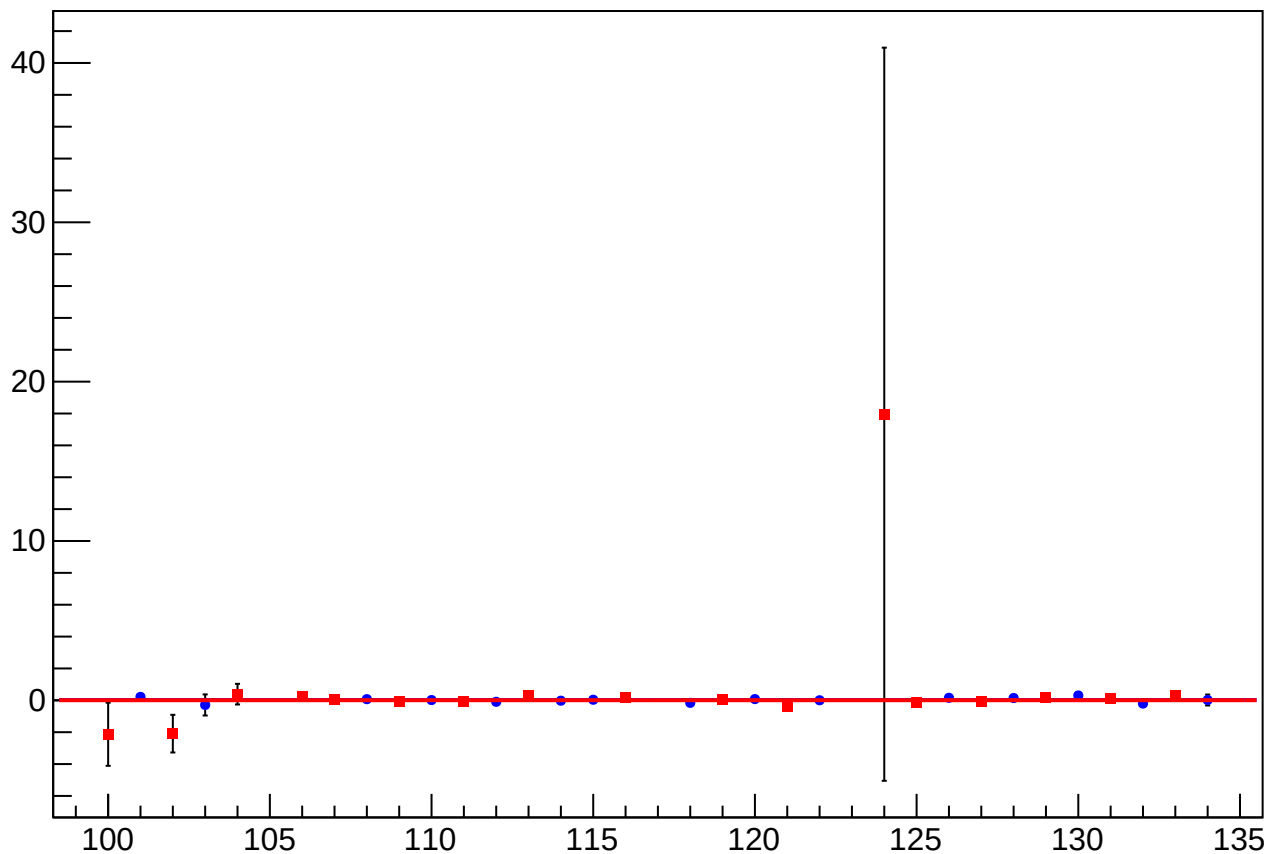
Right: 0.004+/-0.000 χ^2/NDF : 13074383.3/30

In: 0.010+/-0.000 χ^2/NDF :901899.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 13074383.3/30

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.046 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.044 χ^2/NDF : 21.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

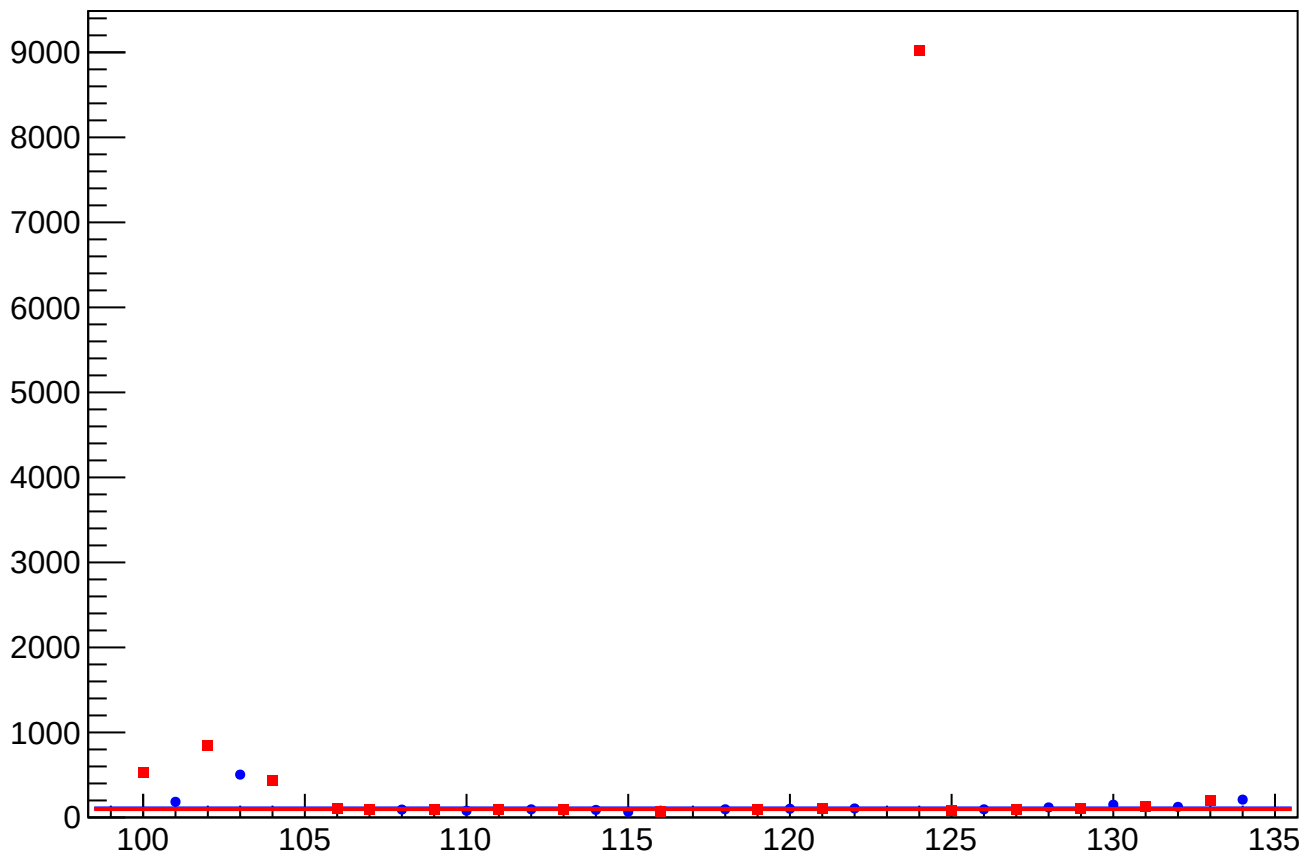
Right: 0.014+/-0.032 χ^2/NDF : 29.5/31

In: 0.020+/-0.046 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.032 χ^2/NDF : 29.5/31

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.785 $\pm$ 0.033 χ^2 /NDF: 1464098.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.676 $\pm$ 0.031 χ^2 /NDF: 2093398.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

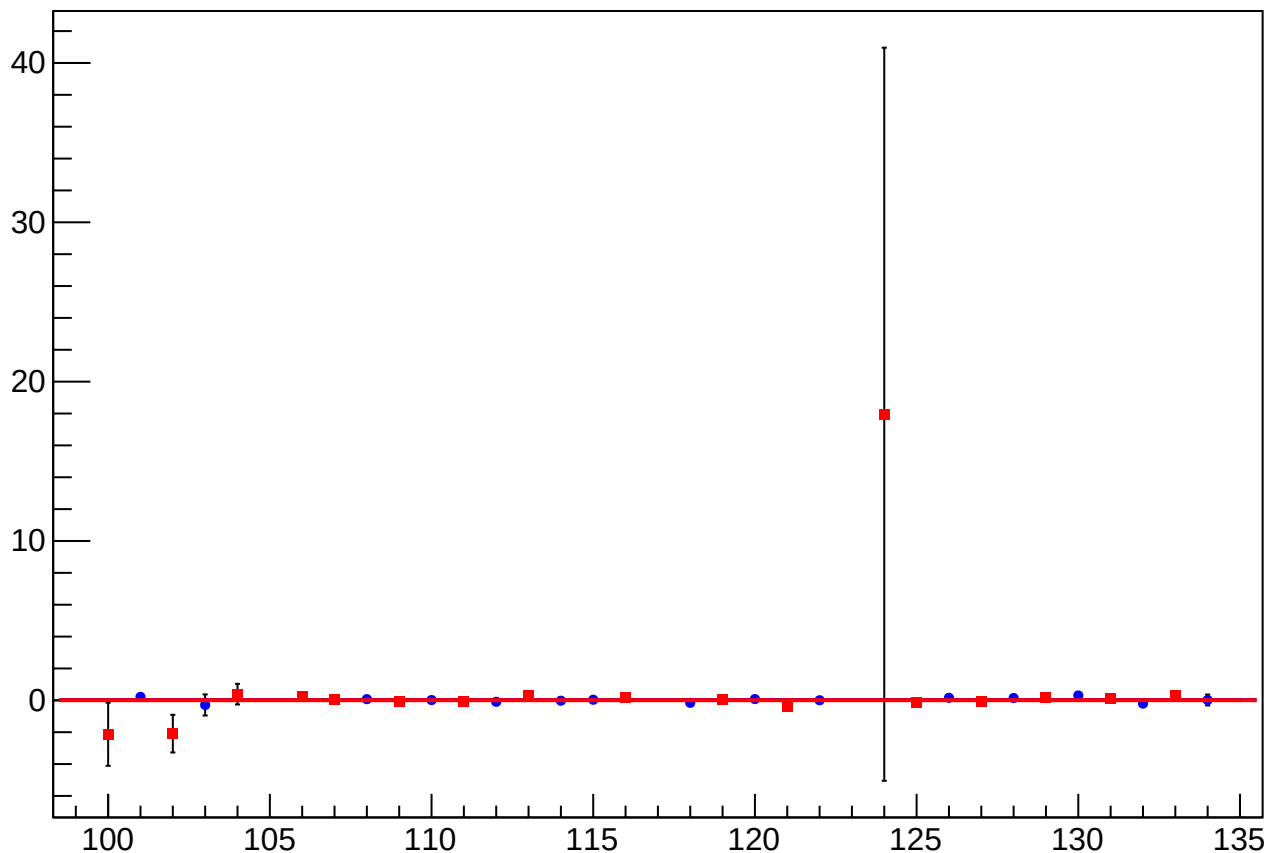
Right: 102.050 $\pm$ 0.022 χ^2 /NDF: 3582454.7/31

In: 105.785 $\pm$ 0.033 χ^2 /NDF:1464098.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.050 $\pm$ 0.022 χ^2 /NDF: 3582454.7/31

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.046 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.044 χ^2/NDF : 21.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

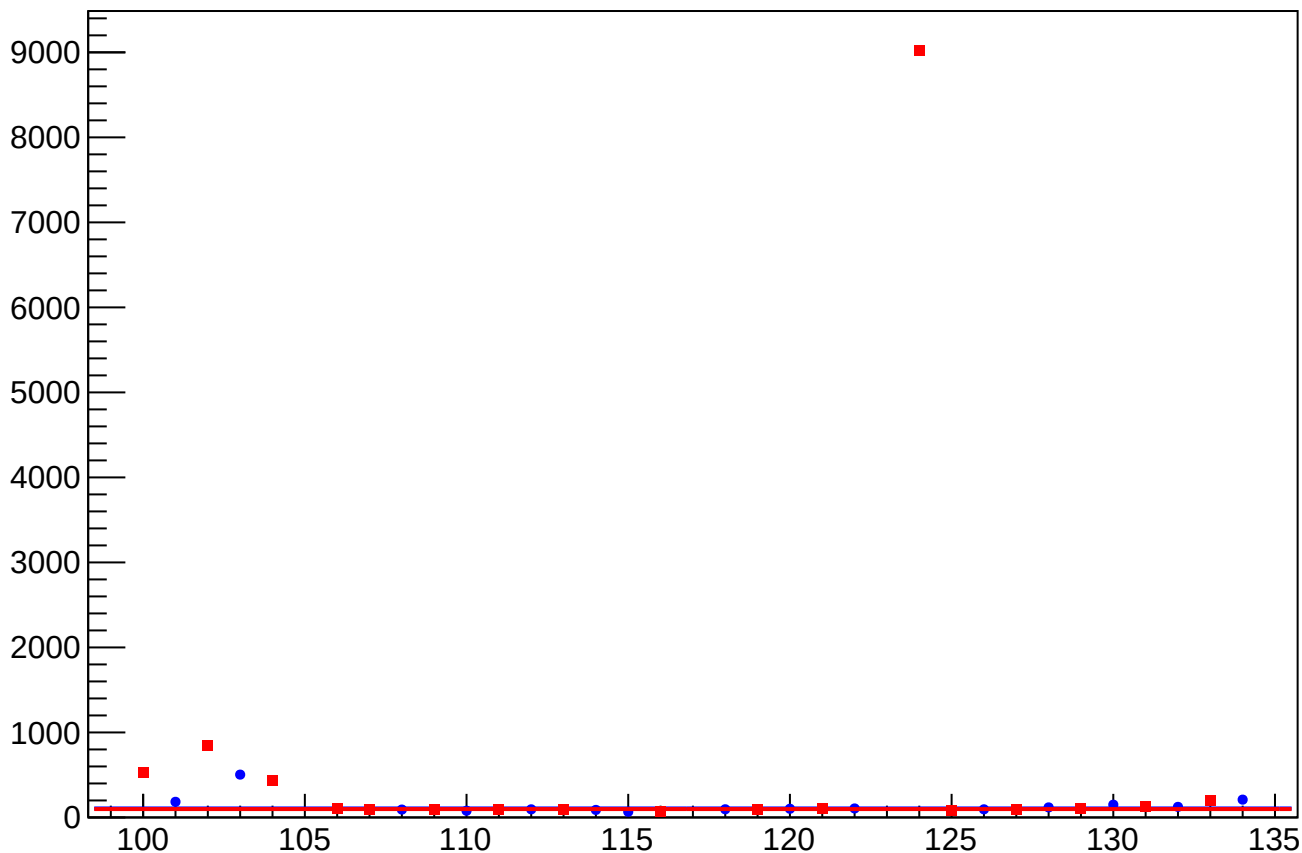
Right: 0.014+/-0.032 χ^2/NDF : 29.5/31

In: 0.020+/-0.046 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.032 χ^2/NDF : 29.5/31

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.785+/-0.033 χ^2/NDF : 1464098.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.676+/-0.031 χ^2/NDF : 2093398.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

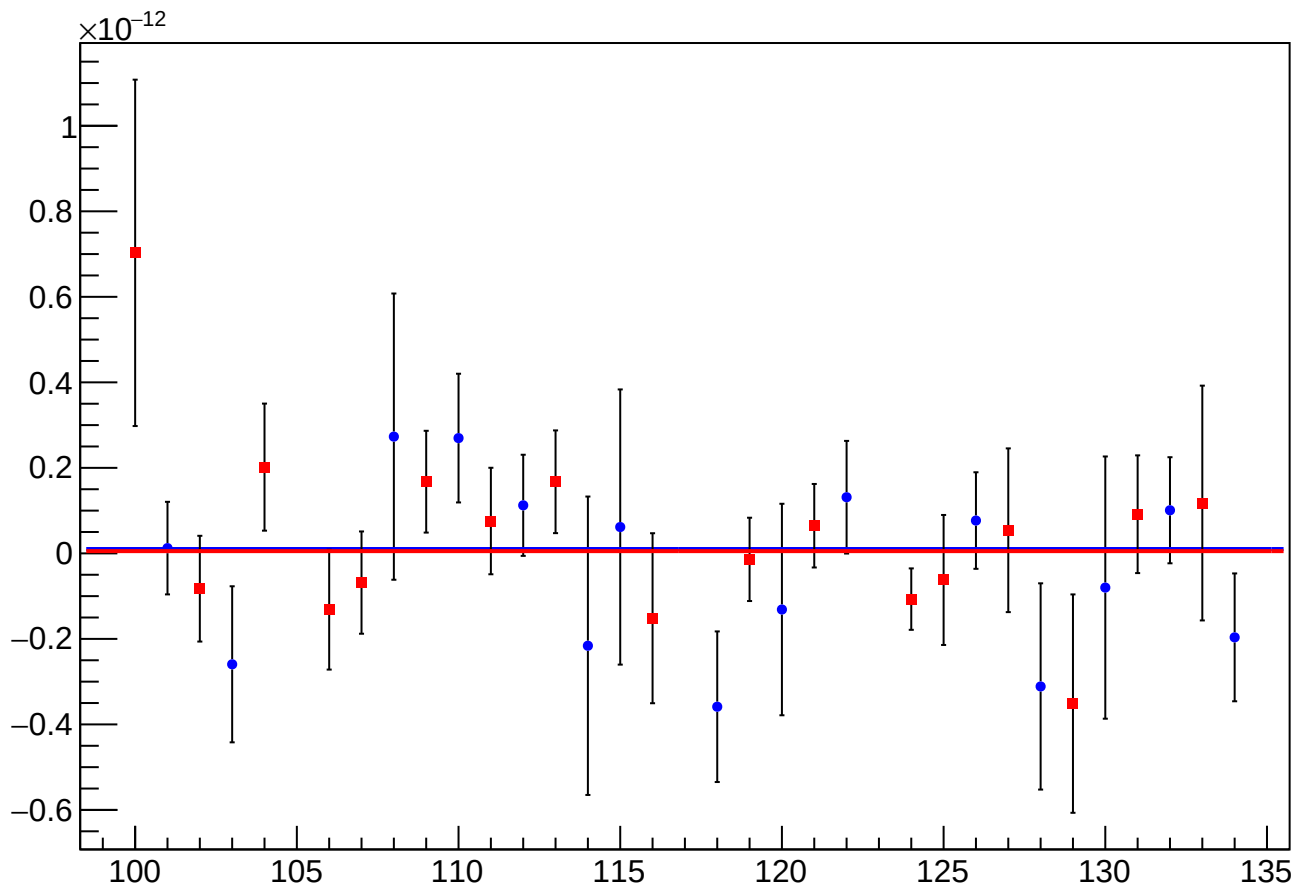
Right: 102.050+/-0.022 χ^2/NDF : 3582454.7/31

In: 105.785+/-0.033 χ^2/NDF : 1464098.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.050+/-0.022 χ^2/NDF : 3582454.7/31

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

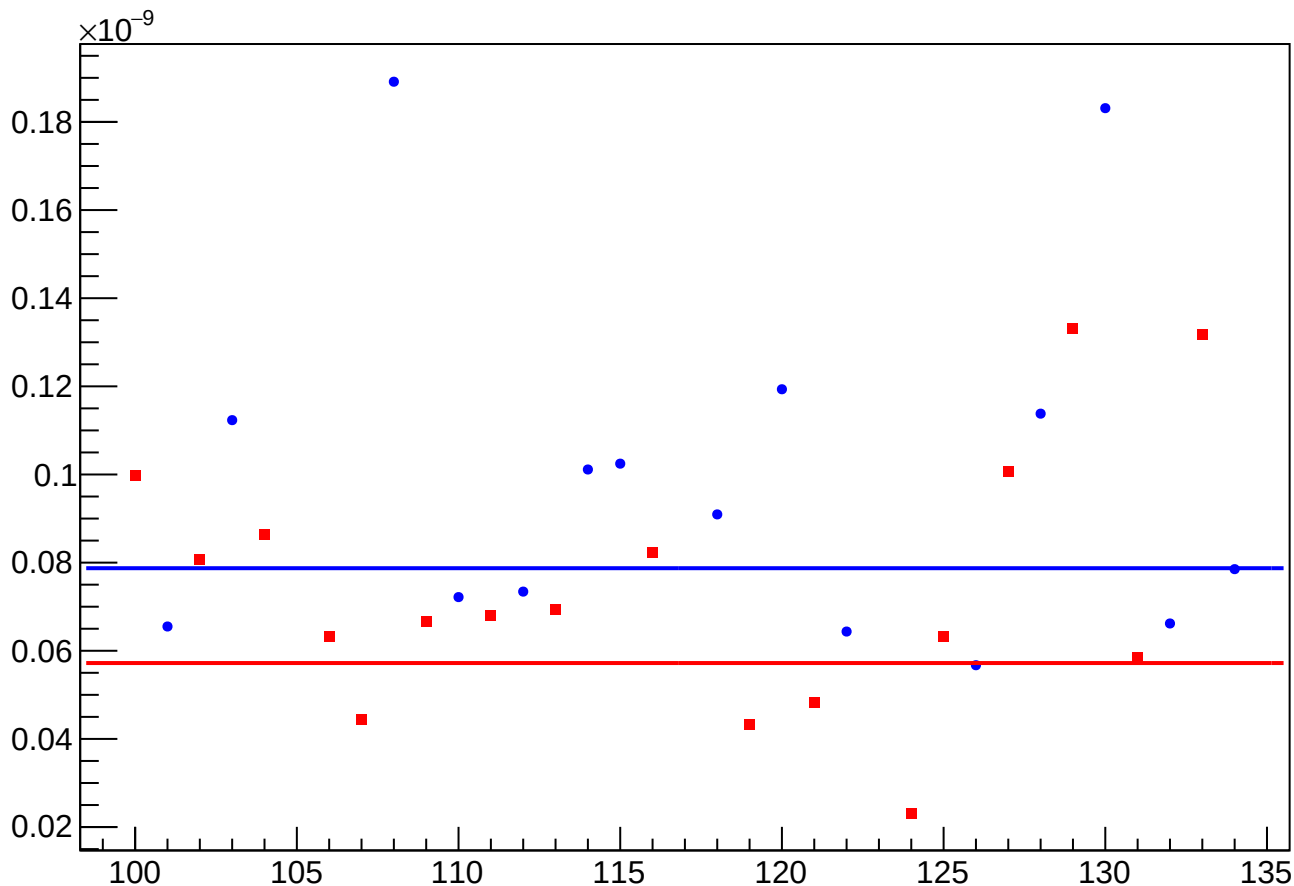
Right: 0.000+/-0.000 χ^2/NDF : 34.0/31

In: 0.000+/-0.000 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/31

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 799939.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1220508.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

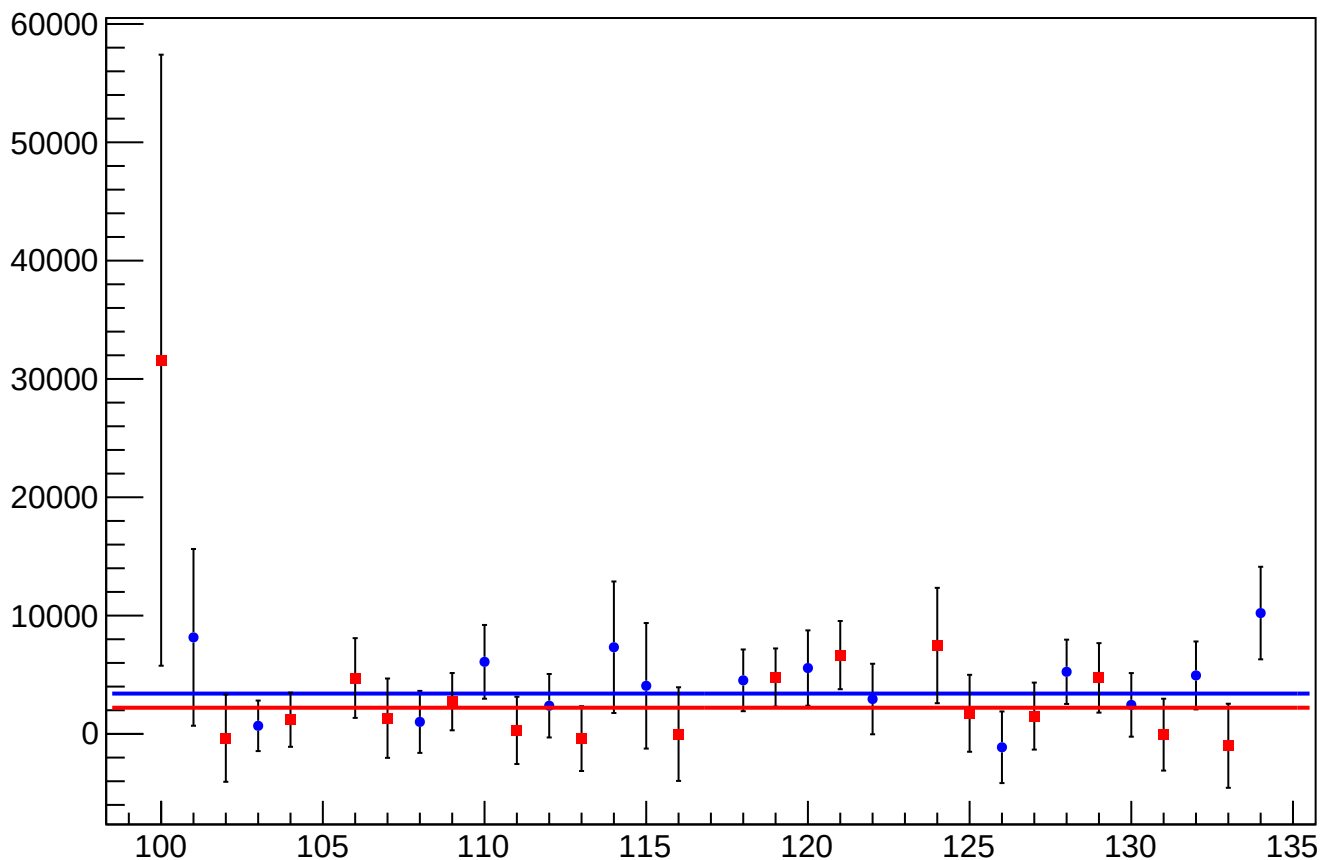
Right: 0.000+/-0.000 χ^2/NDF : 2363281.6/31

In: 0.000+/-0.000 χ^2/NDF : 799939.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2363281.6/31

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3409.080+/-785.437 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2213.877+/-748.588 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

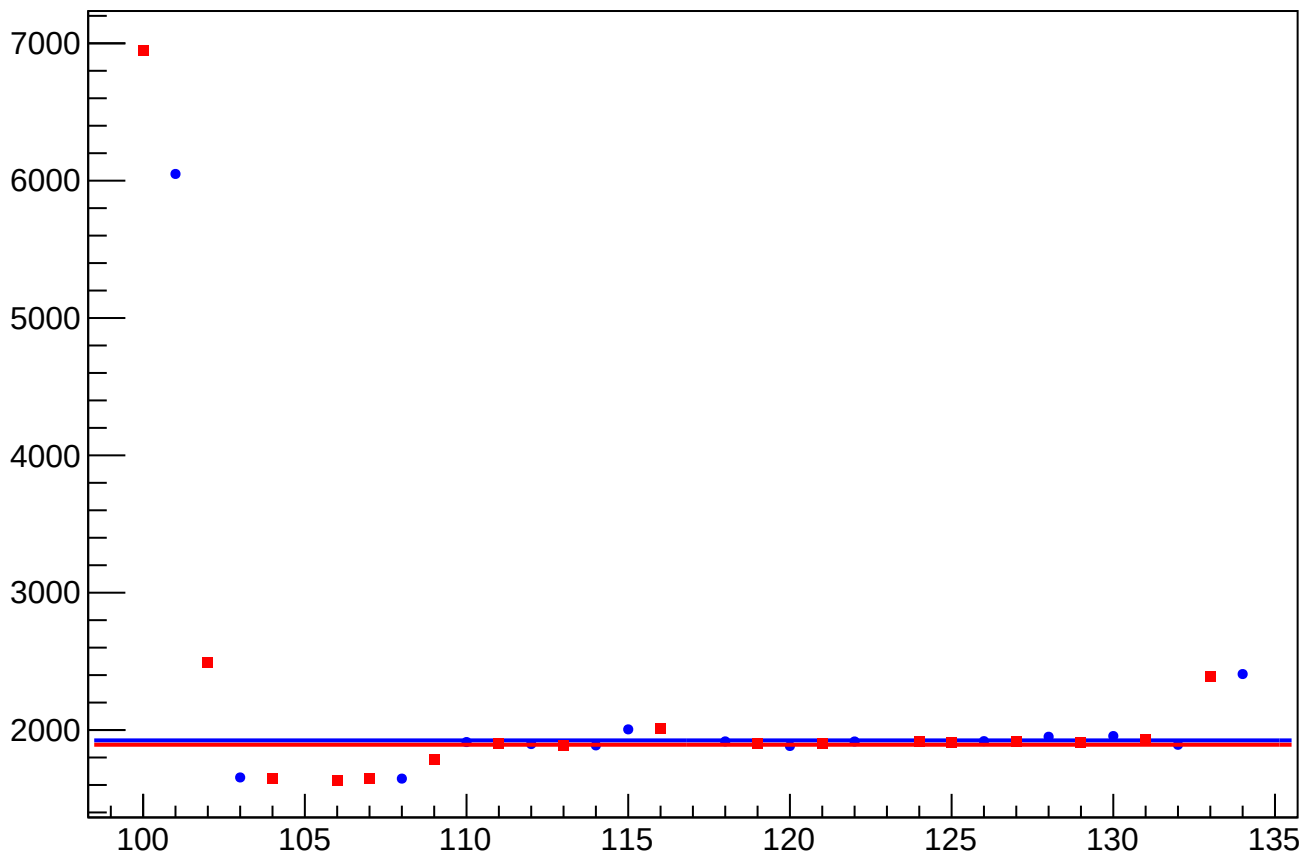
Right: 2782.786+/-541.890 χ^2/NDF : 23.4/31

In: 3409.080+/-785.437 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2782.786+/-541.890 χ^2/NDF : 23.4/31

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1924.608+/-0.555 χ^2/NDF : 696776.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1893.007+/-0.527 χ^2/NDF : 221946.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

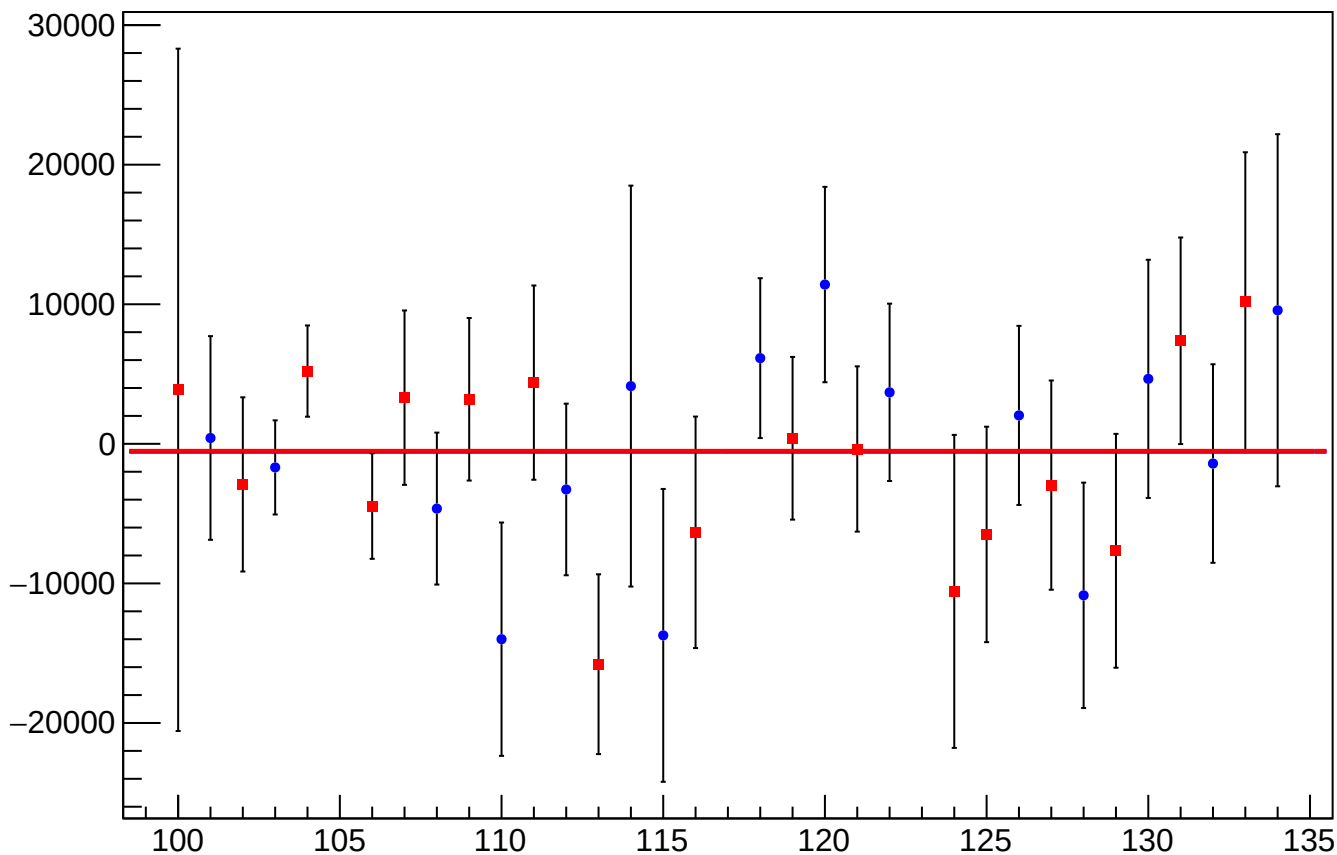
Right: 1907.988+/-0.382 χ^2/NDF : 920425.8/31

In: 1924.608+/-0.555 χ^2/NDF : 696776.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.988+/-0.382 χ^2/NDF : 920425.8/31

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -564.816+/-1689.743 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -502.639+/-1495.655 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

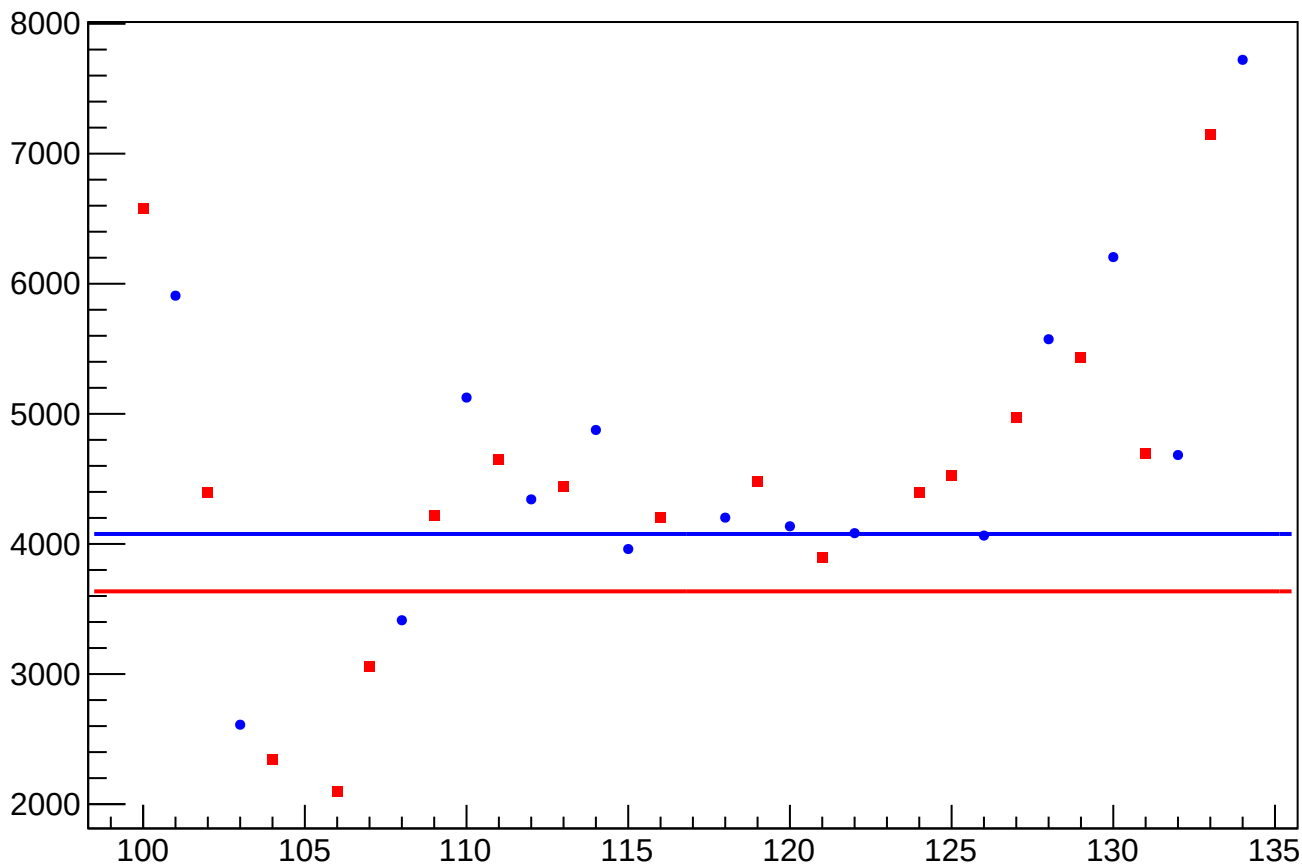
Right: -529.953+/-1119.950 χ^2/NDF : 28.9/31

In: -564.816+/-1689.743 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -529.953+/-1119.950 χ^2/NDF : 28.9/31

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4076.704+/-1.195 χ^2/NDF : 951057.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3635.560+/-1.058 χ^2/NDF : 1317614.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

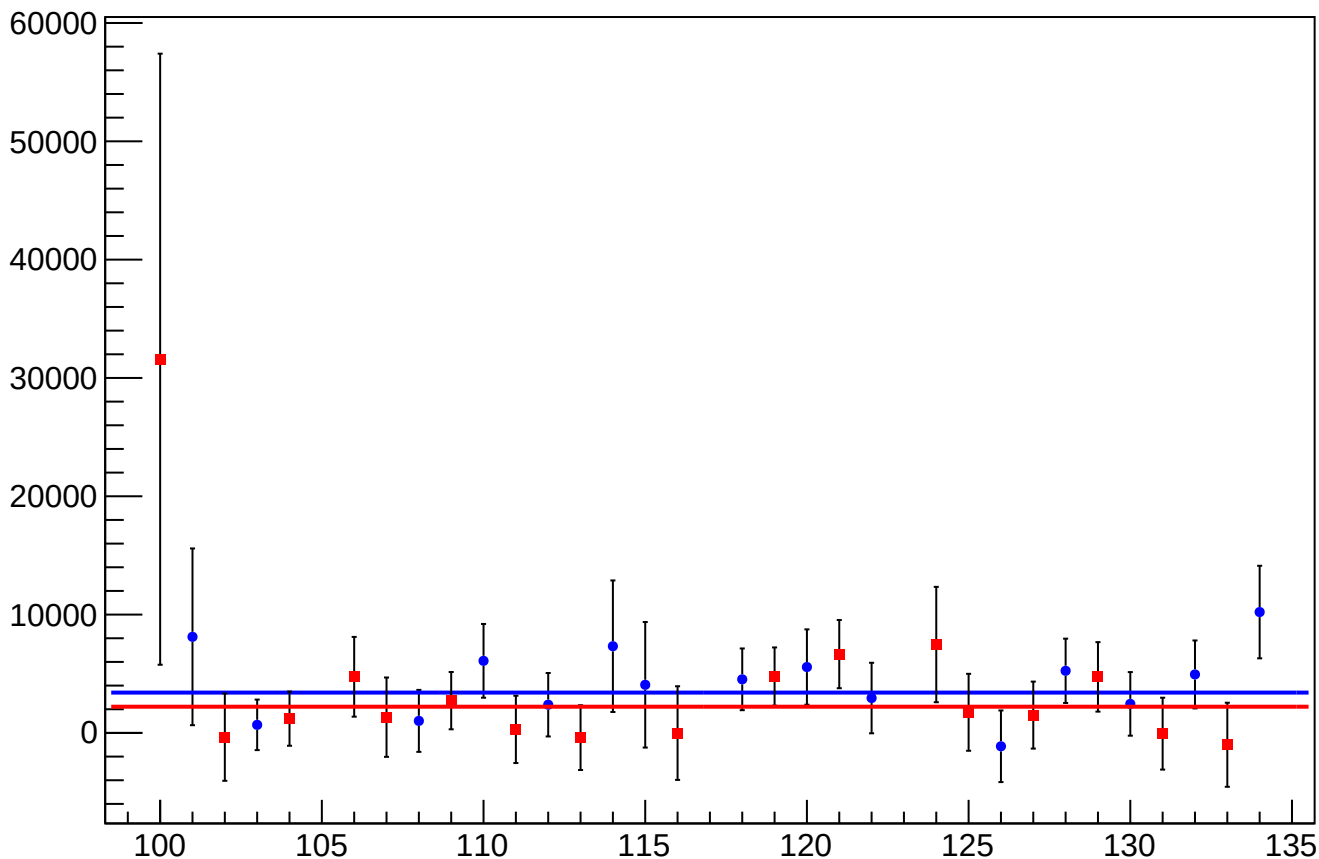
Right: 3829.352+/-0.792 χ^2/NDF : 2345105.7/31

In: 4076.704+/-1.195 χ^2/NDF : 951057.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3829.352+/-0.792 χ^2/NDF : 2345105.7/31

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3408.220+/-785.437 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.221+/-748.593 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

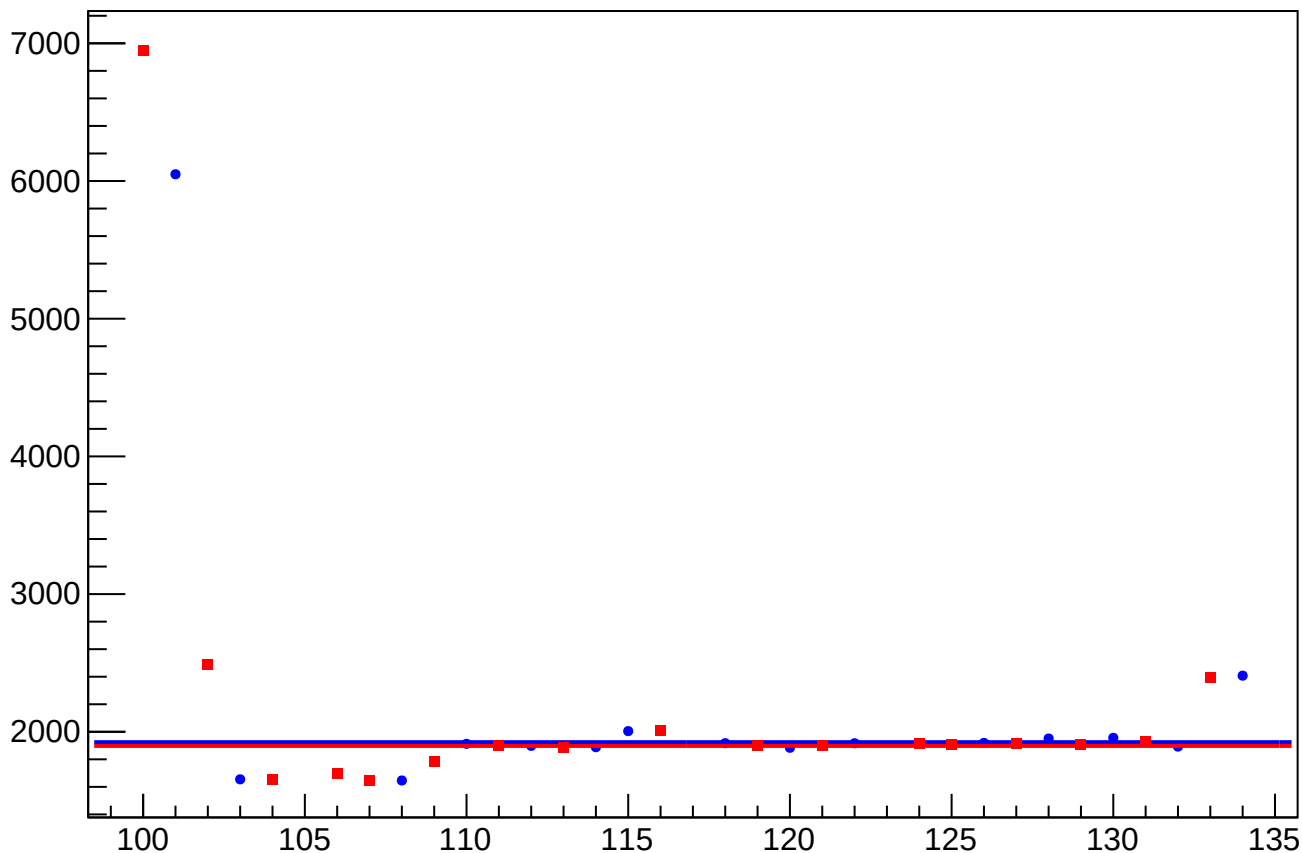
Right: 2783.084+/-541.892 χ^2/NDF : 23.4/31

In: 3408.220+/-785.437 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2783.084+/-541.892 χ^2/NDF : 23.4/31

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1924.608+/-0.555 χ^2/NDF : 696775.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.433+/-0.528 χ^2/NDF : 215395.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

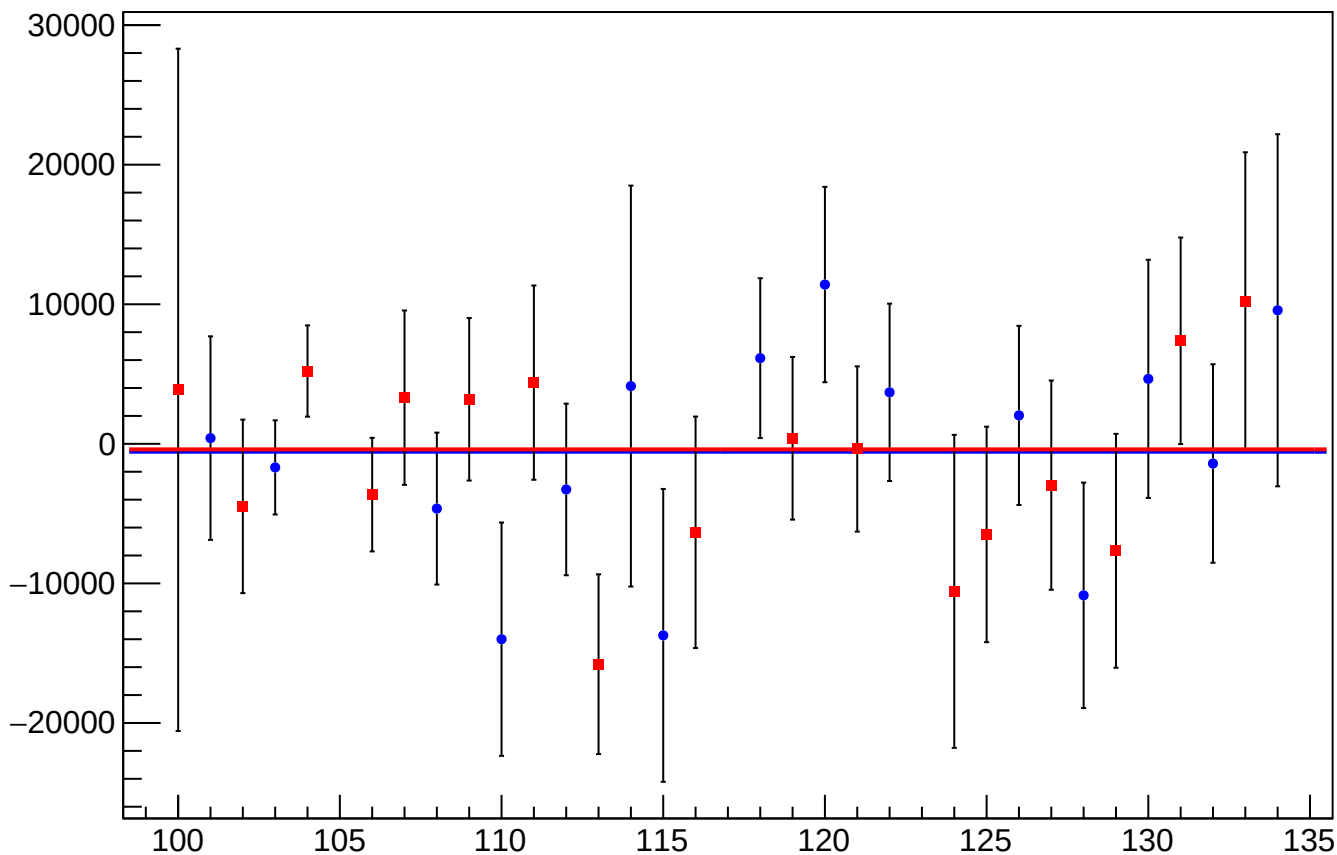
Right: 1910.345+/-0.383 χ^2/NDF : 913427.3/31

In: 1924.608+/-0.555 χ^2/NDF : 696775.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.345+/-0.383 χ^2/NDF : 913427.3/31

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -565.268+/-1689.748 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -397.139+/-1511.517 χ^2/NDF : 15.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

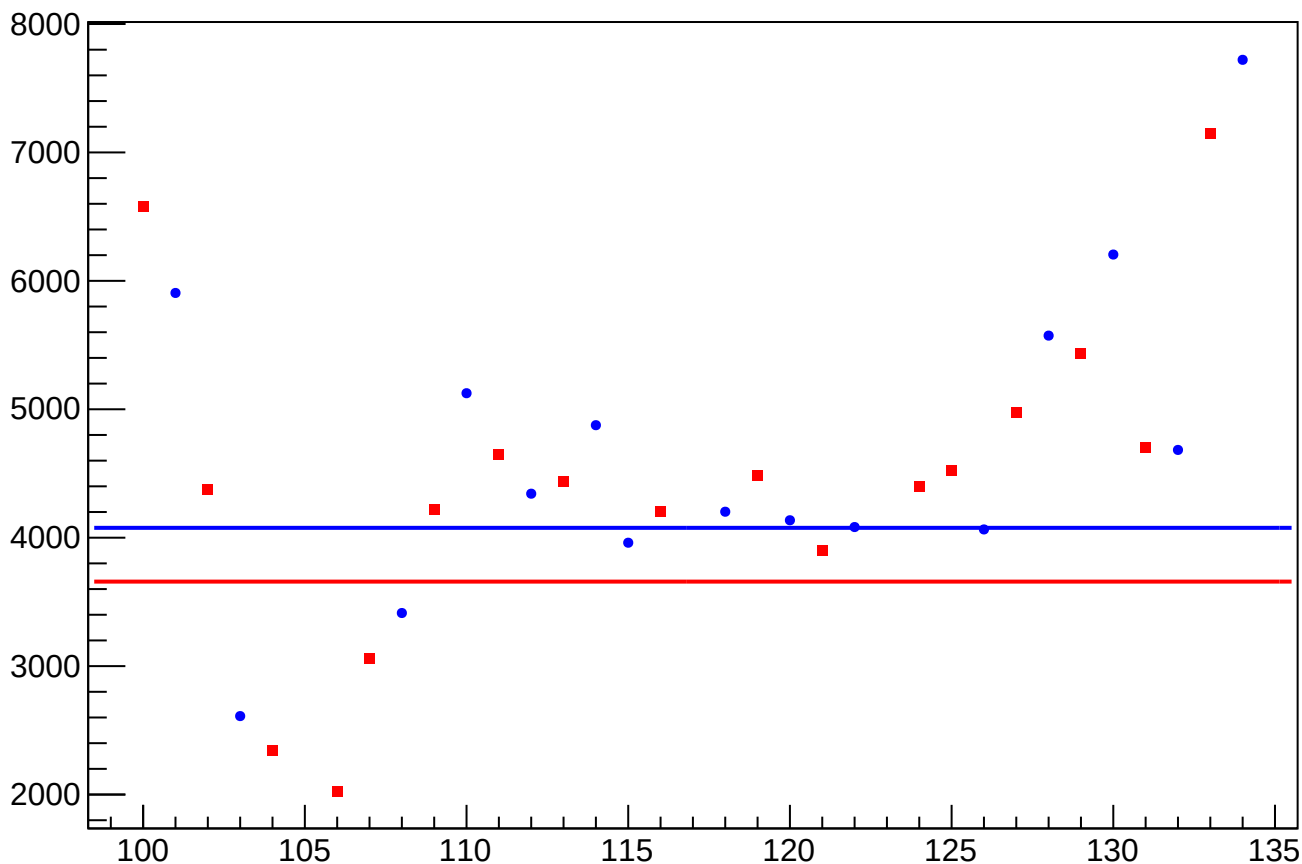
Right: -471.872+/-1126.565 χ^2/NDF : 28.6/31

In: -565.268+/-1689.748 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.872+/-1126.565 χ^2/NDF : 28.6/31

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4076.813+/-1.195 χ^2/NDF : 950564.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3658.115+/-1.069 χ^2/NDF : 1298422.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

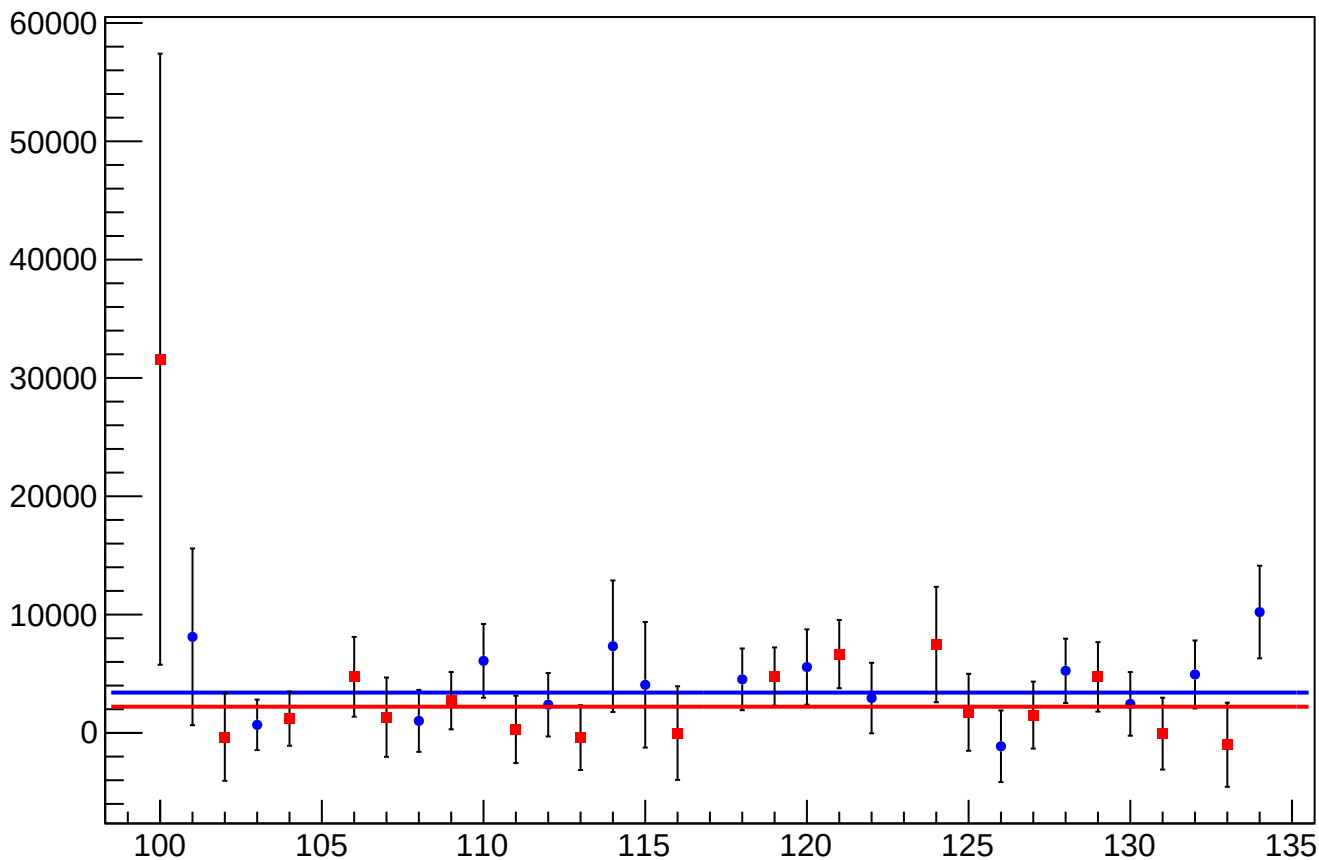
Right: 3844.225+/-0.797 χ^2/NDF : 2317200.9/31

In: 4076.813+/-1.195 χ^2/NDF : 950564.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3844.225+/-0.797 χ^2/NDF : 2317200.9/31

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3408.220+/-785.437 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.221+/-748.593 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

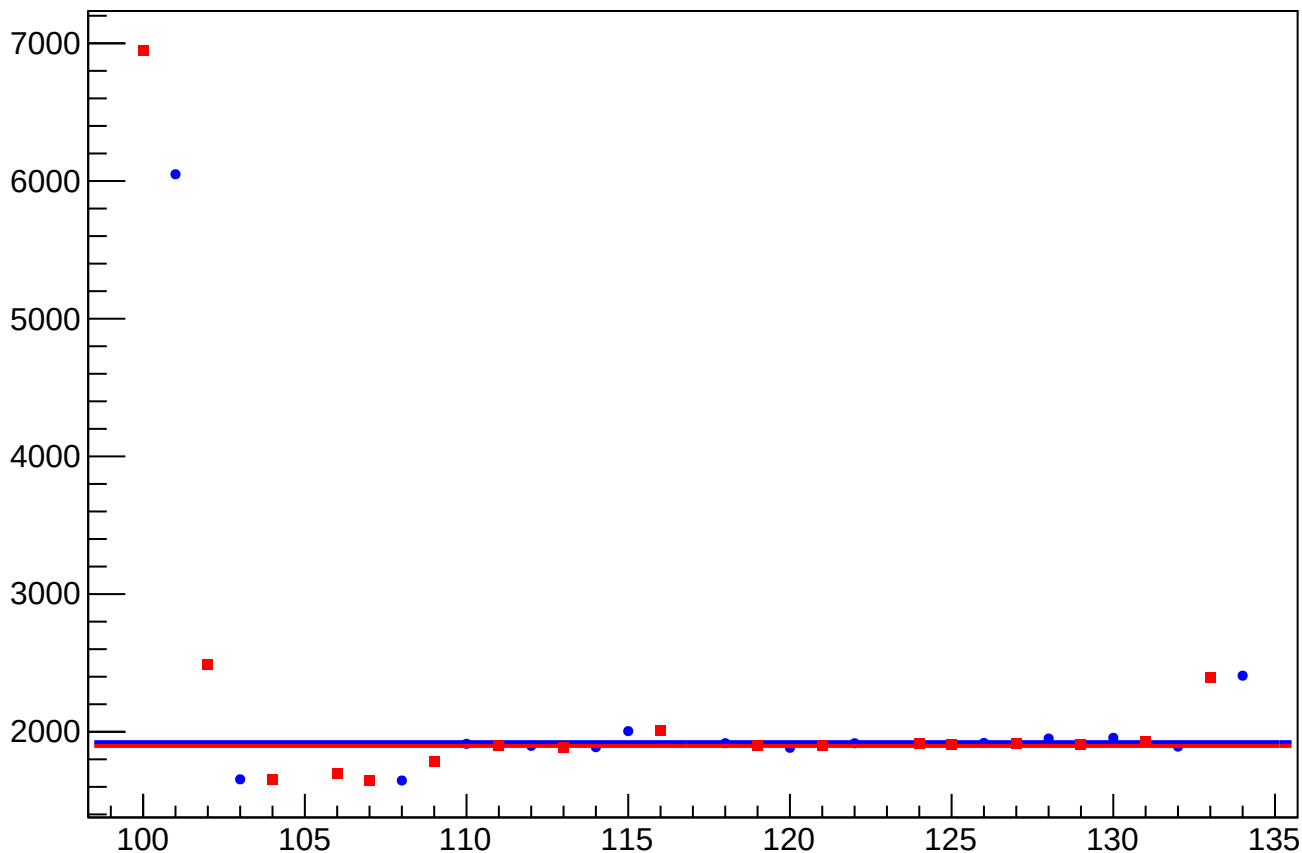
Right: 2783.084+/-541.892 χ^2/NDF : 23.4/31

In: 3408.220+/-785.437 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2783.084+/-541.892 χ^2/NDF : 23.4/31

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1924.608+/-0.555 χ^2/NDF : 696775.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.433+/-0.528 χ^2/NDF : 215395.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

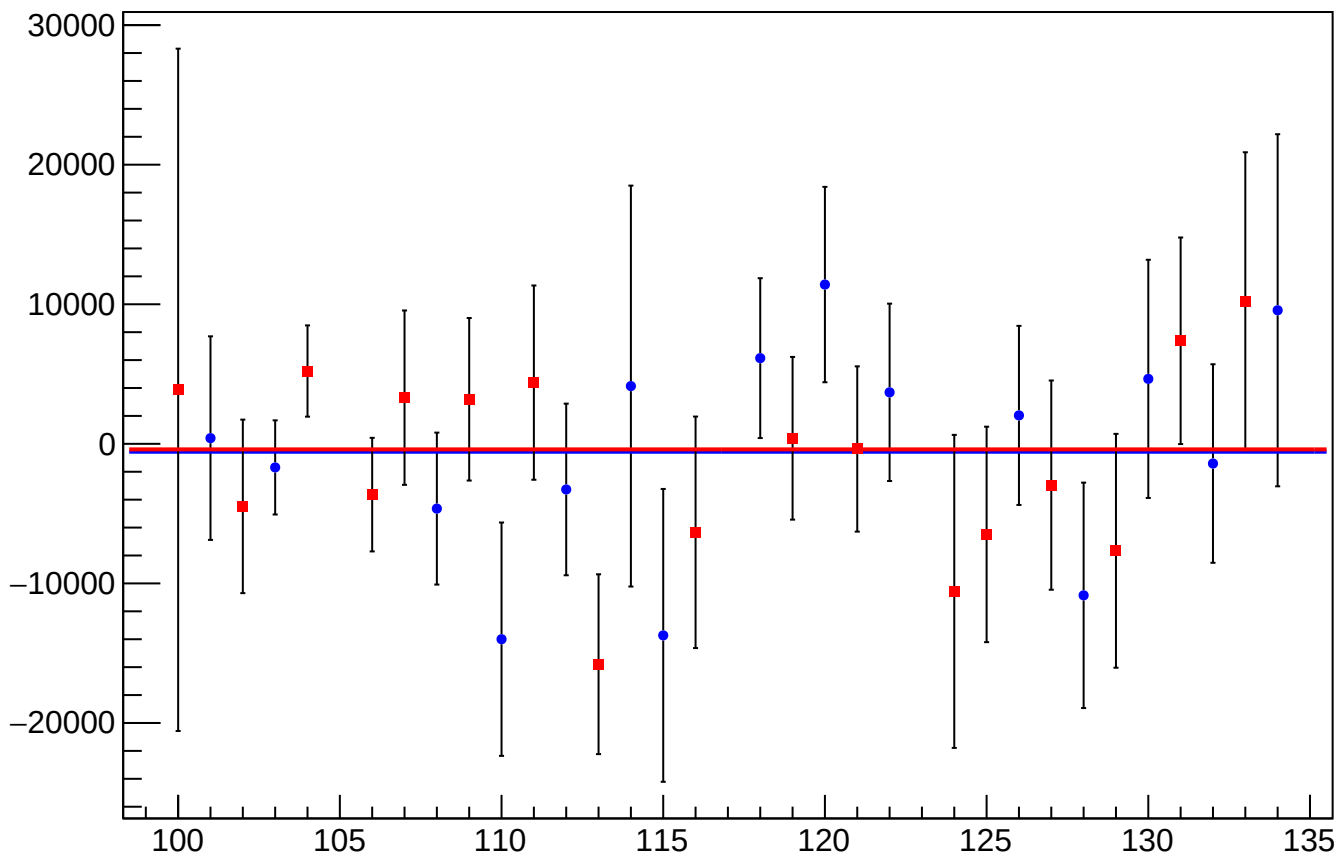
Right: 1910.345+/-0.383 χ^2/NDF : 913427.3/31

In: 1924.608+/-0.555 χ^2/NDF : 696775.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.345+/-0.383 χ^2/NDF : 913427.3/31

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -565.268+/-1689.748 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -397.139+/-1511.517 χ^2/NDF : 15.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

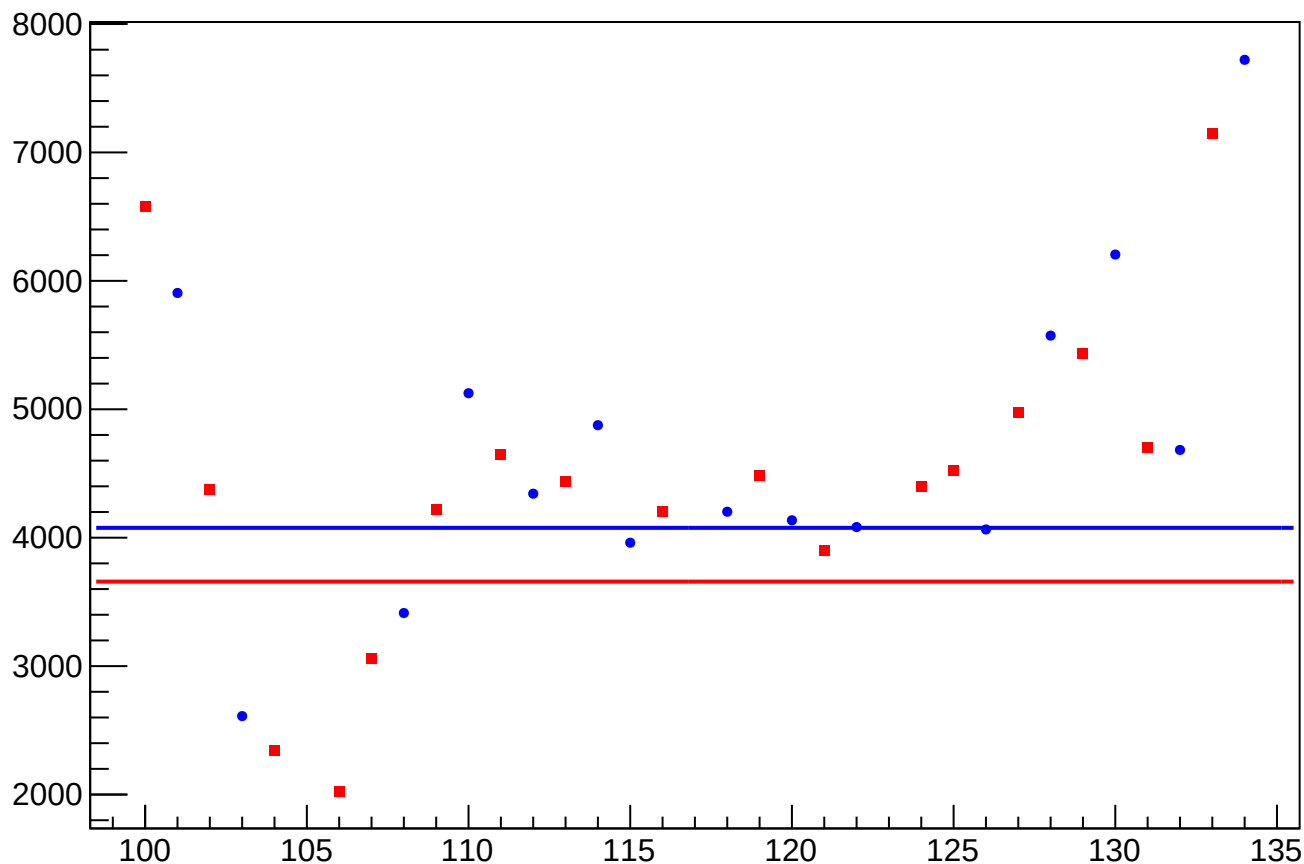
Right: -471.872+/-1126.565 χ^2/NDF : 28.6/31

In: -565.268+/-1689.748 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.872+/-1126.565 χ^2/NDF : 28.6/31

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4076.813+/-1.195 χ^2/NDF : 950564.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3658.115+/-1.069 χ^2/NDF : 1298422.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

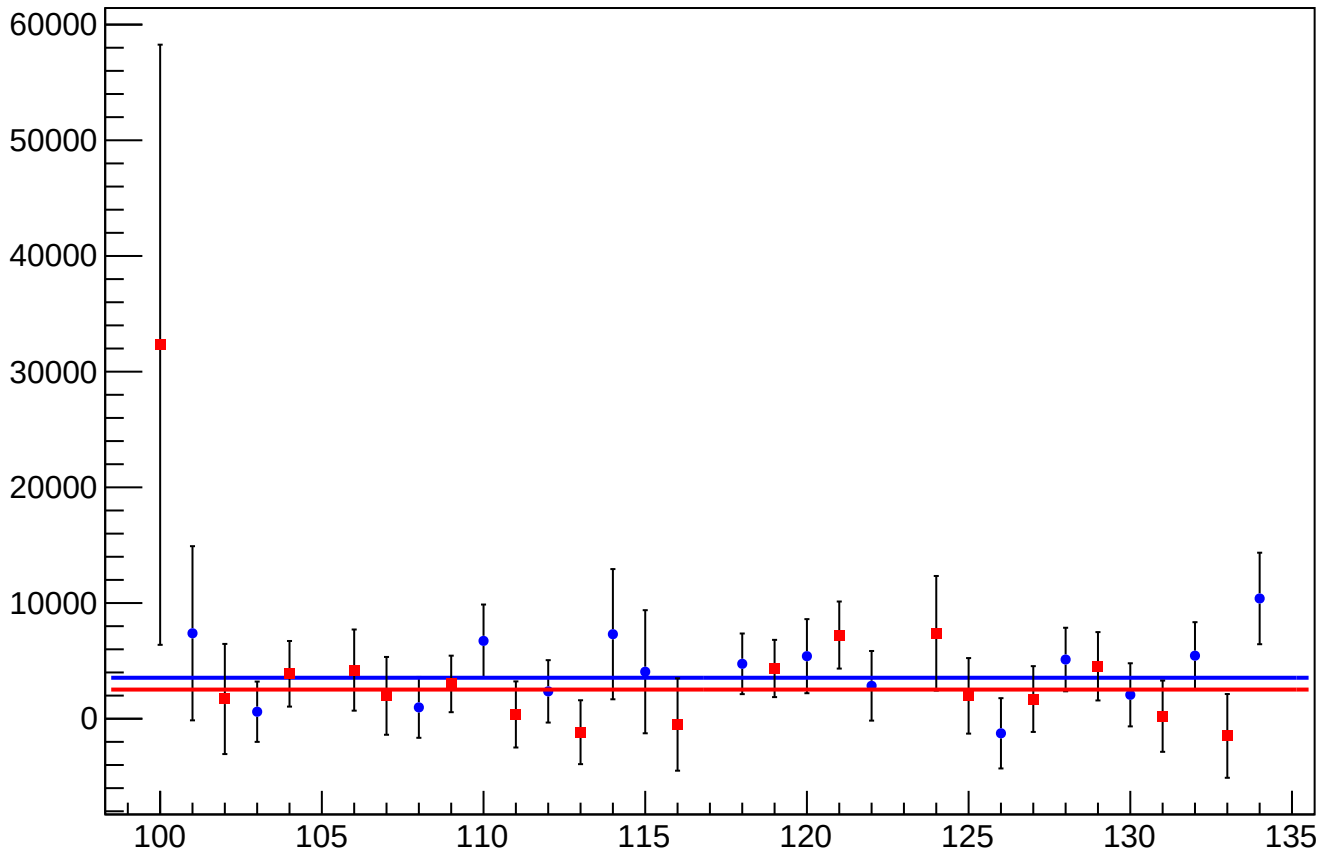
Right: 3844.225+/-0.797 χ^2/NDF : 2317200.9/31

In: 4076.813+/-1.195 χ^2/NDF : 950564.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3844.225+/-0.797 χ^2/NDF : 2317200.9/31

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3541.985+/-809.212 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2520.173+/-776.017 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

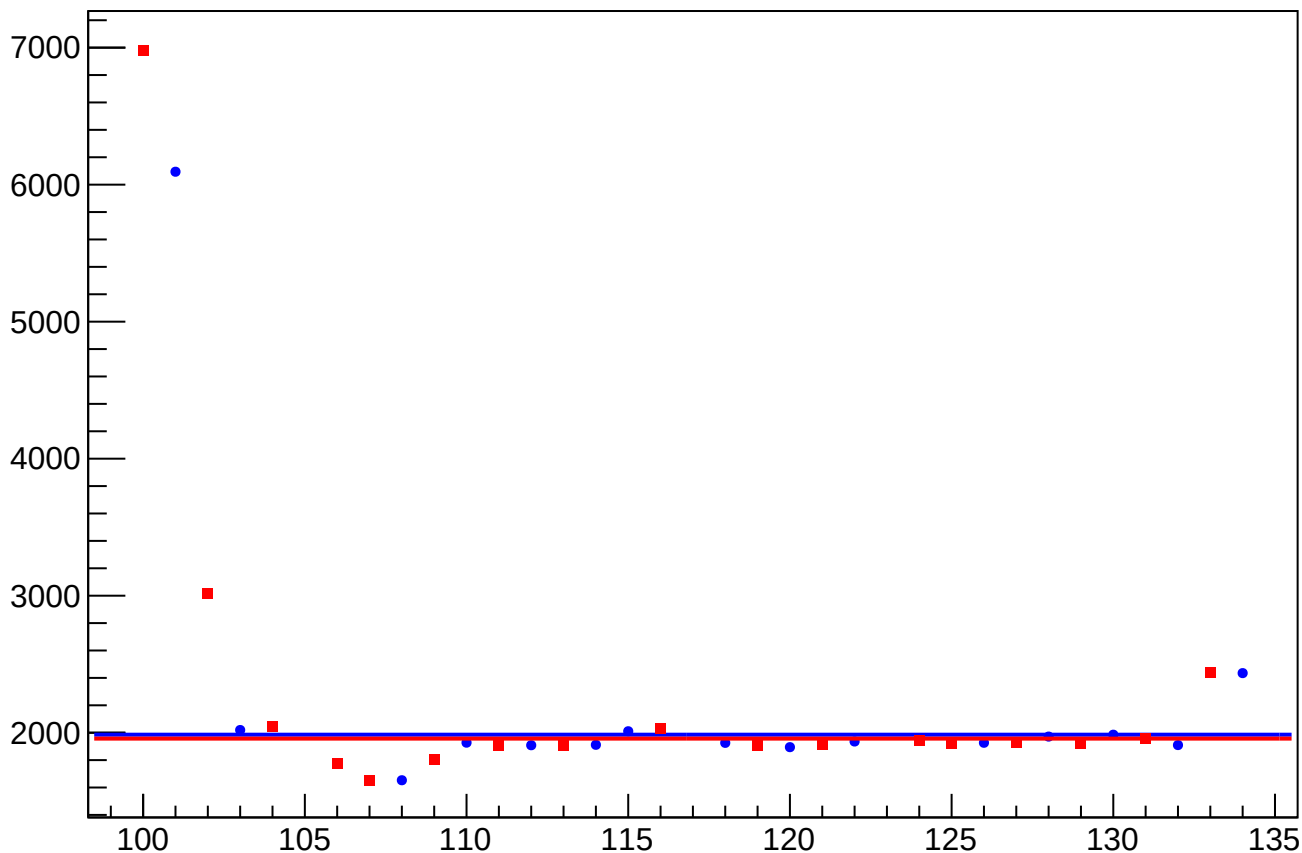
Right: 3009.691+/-560.095 χ^2/NDF : 23.5/31

In: 3541.985+/-809.212 χ^2/NDF : 11.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3009.691+/-560.095 χ^2/NDF : 23.5/31

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1985.511+/-0.572 χ^2/NDF : 662084.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1956.883+/-0.548 χ^2/NDF : 245816.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

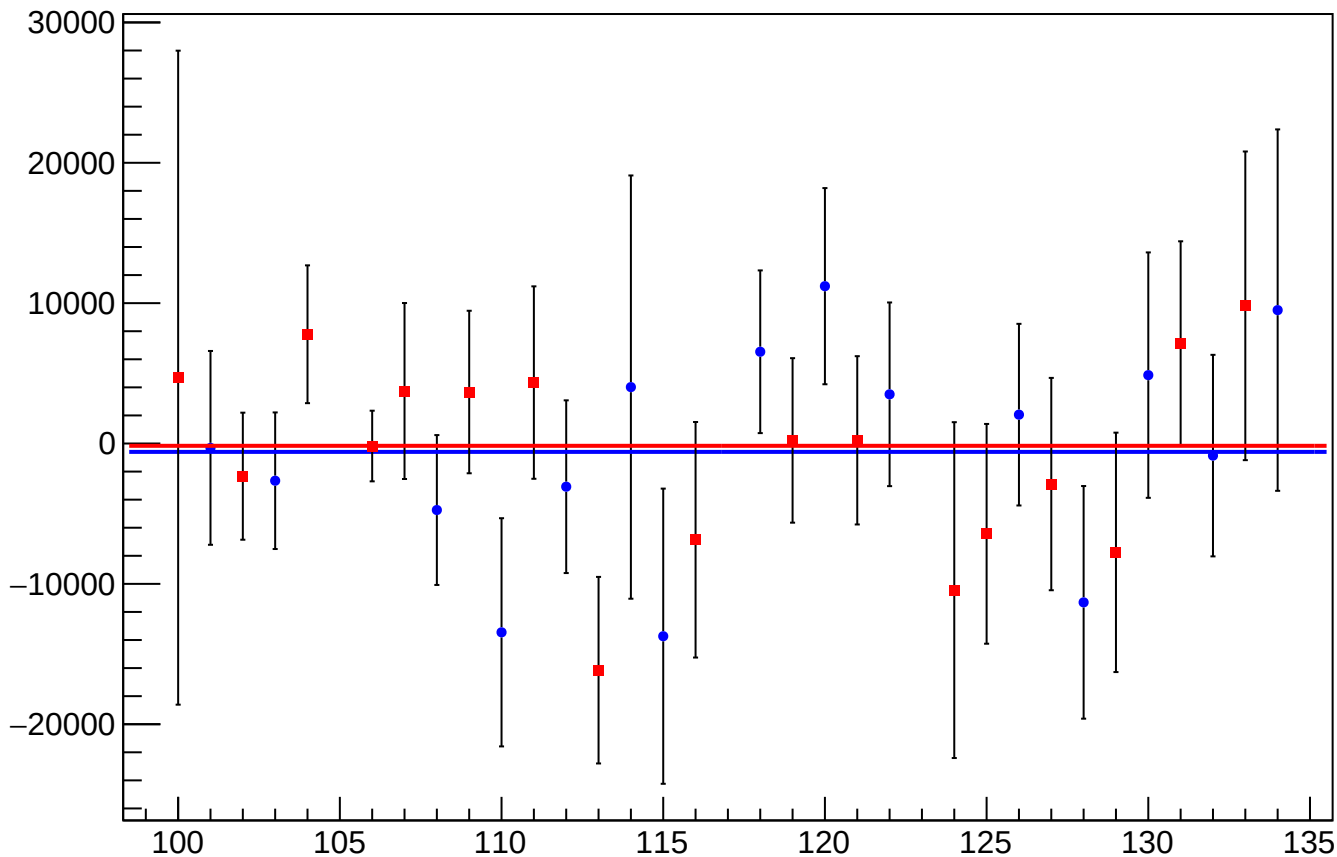
Right: 1970.584+/-0.396 χ^2/NDF : 909206.2/31

In: 1985.511+/-0.572 χ^2/NDF : 662084.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.584+/-0.396 χ^2/NDF : 909206.2/31

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -596.844+/-1814.136 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.938+/-1411.129 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

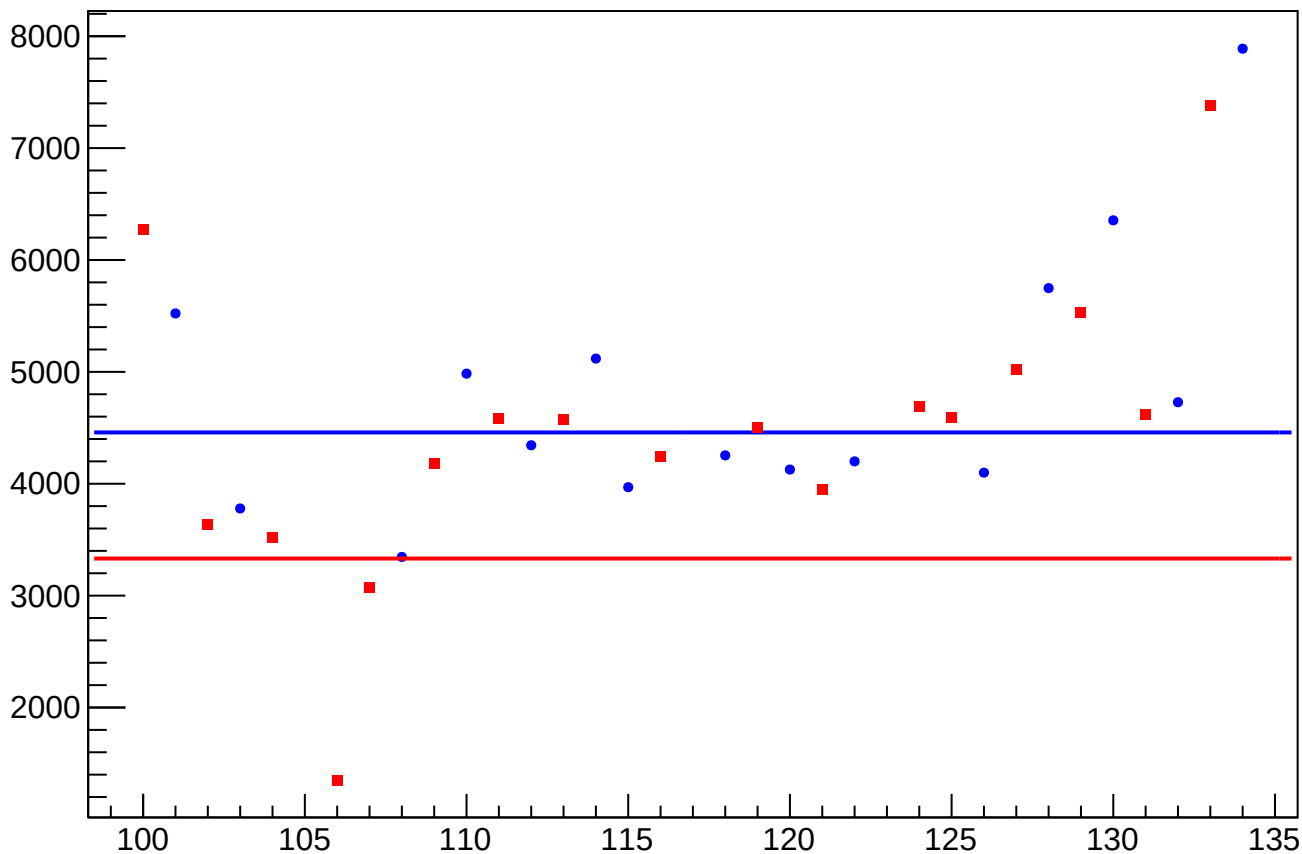
Right: -327.130+/-1113.838 χ^2/NDF : 27.5/31

In: -596.844+/-1814.136 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.130+/-1113.838 χ^2/NDF : 27.5/31

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4458.519+/-1.283 χ^2/NDF : 494171.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3331.529+/-0.998 χ^2/NDF : 2239259.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

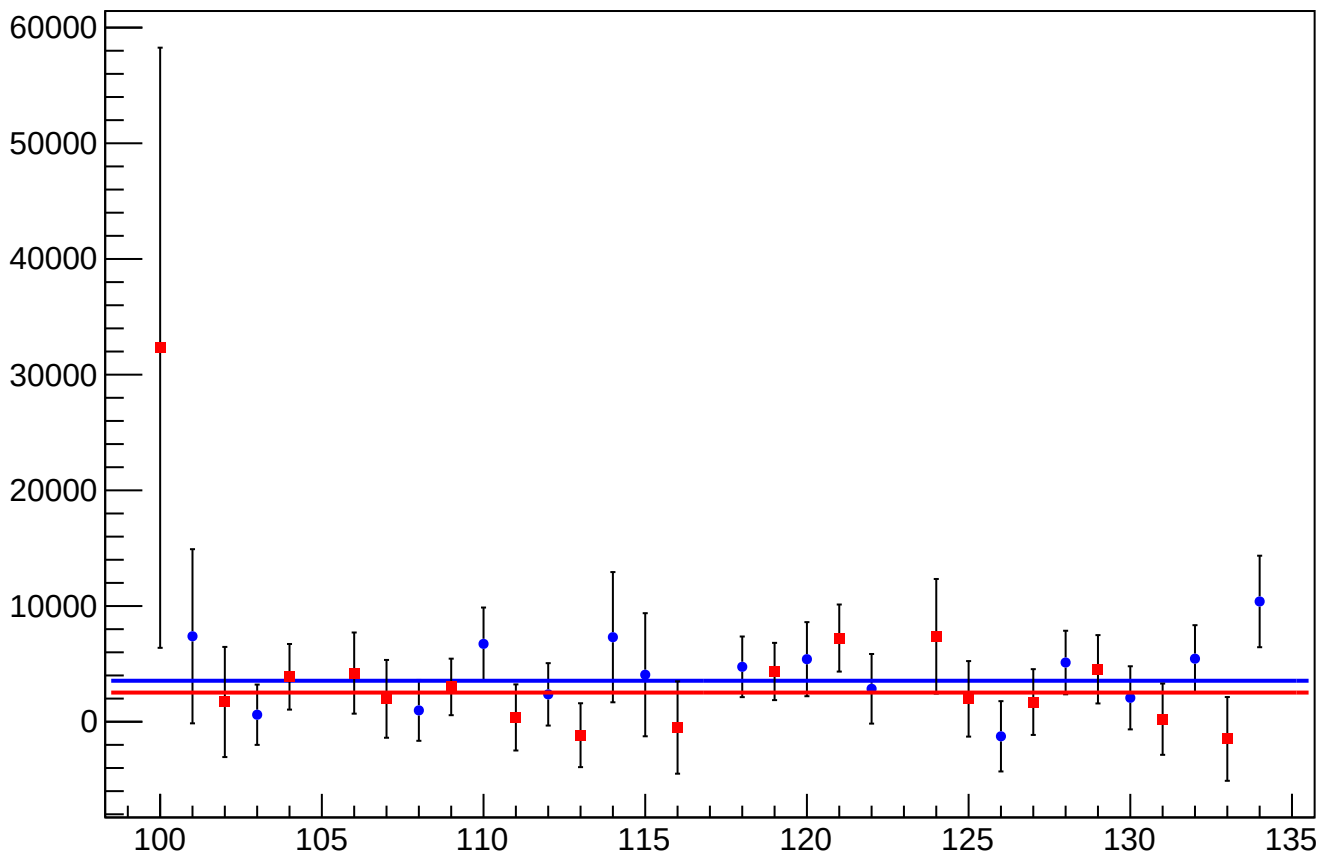
Right: 3756.368+/-0.788 χ^2/NDF : 3214315.5/31

In: 4458.519+/-1.283 χ^2/NDF : 494171.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3756.368+/-0.788 χ^2/NDF : 3214315.5/31

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3541.984 $\pm$ 809.212 χ^2 /NDF: 11.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2520.178 $\pm$ 776.017 χ^2 /NDF: 11.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

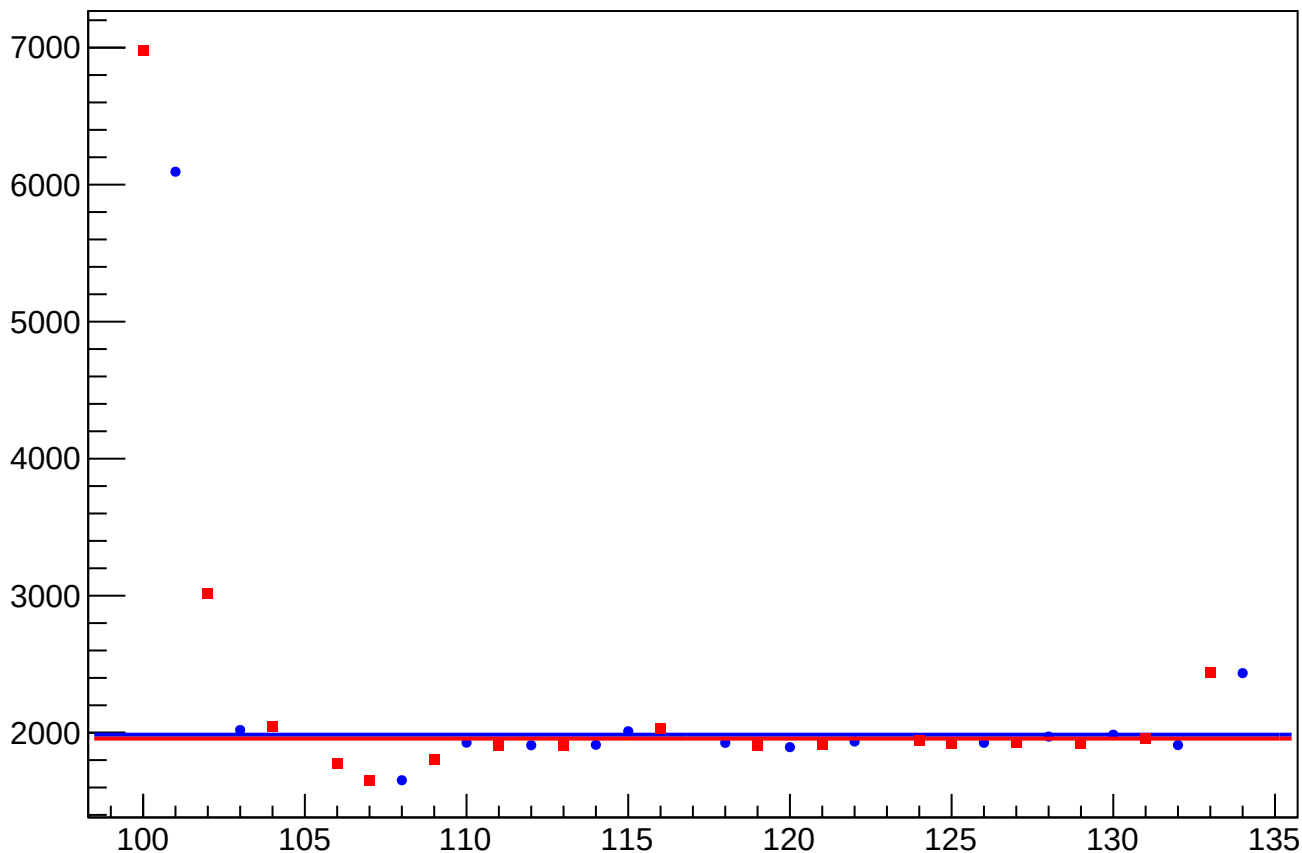
Right: 3009.694 $\pm$ 560.095 χ^2 /NDF: 23.5/31

In: 3541.984 $\pm$ 809.212 χ^2 /NDF:11.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3009.694 $\pm$ 560.095 χ^2 /NDF: 23.5/31

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1985.510+/-0.572 χ^2/NDF : 662084.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1956.883+/-0.548 χ^2/NDF : 245816.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

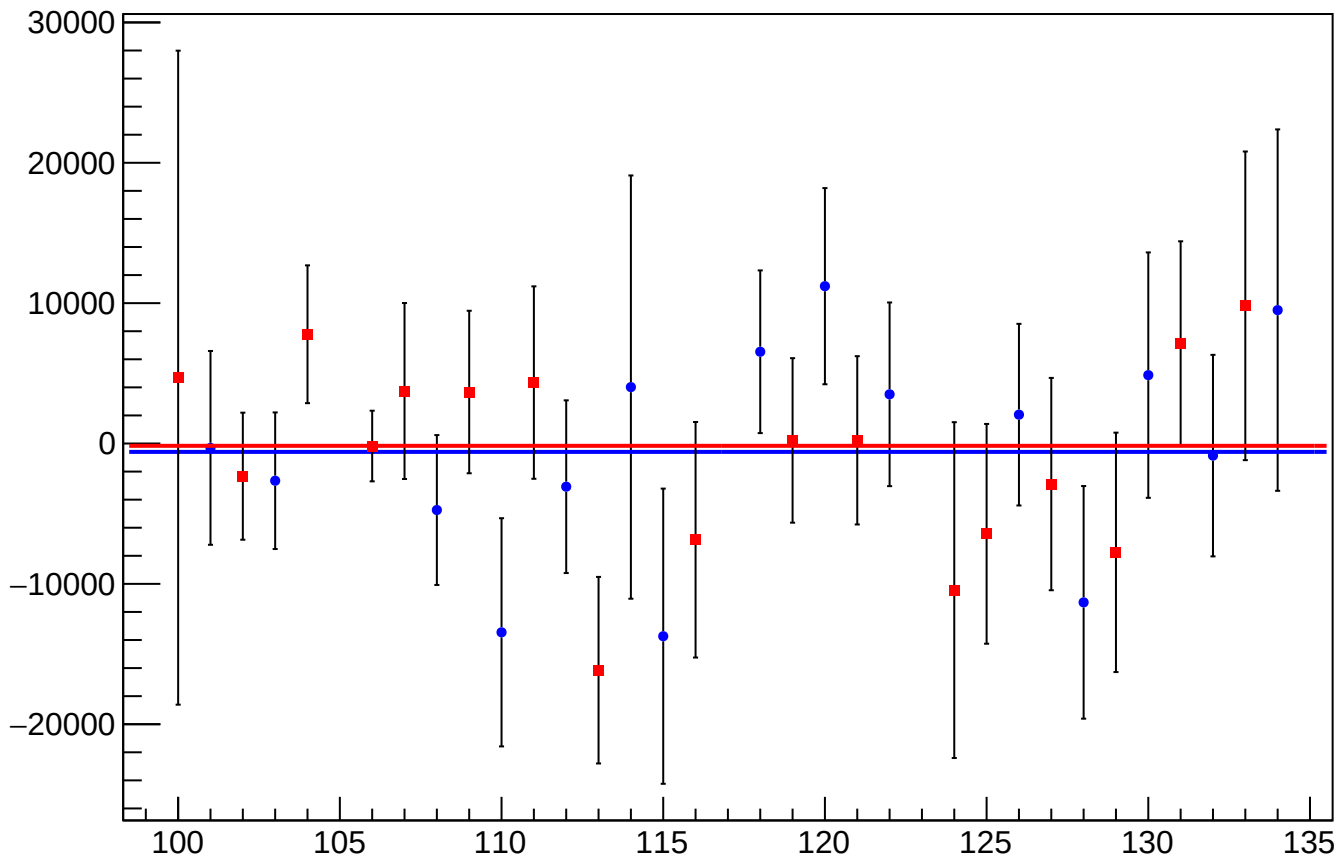
Right: 1970.583+/-0.396 χ^2/NDF : 909205.8/31

In: 1985.510+/-0.572 χ^2/NDF : 662084.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.583+/-0.396 χ^2/NDF : 909205.8/31

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -596.836+/-1814.131 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.940+/-1411.126 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

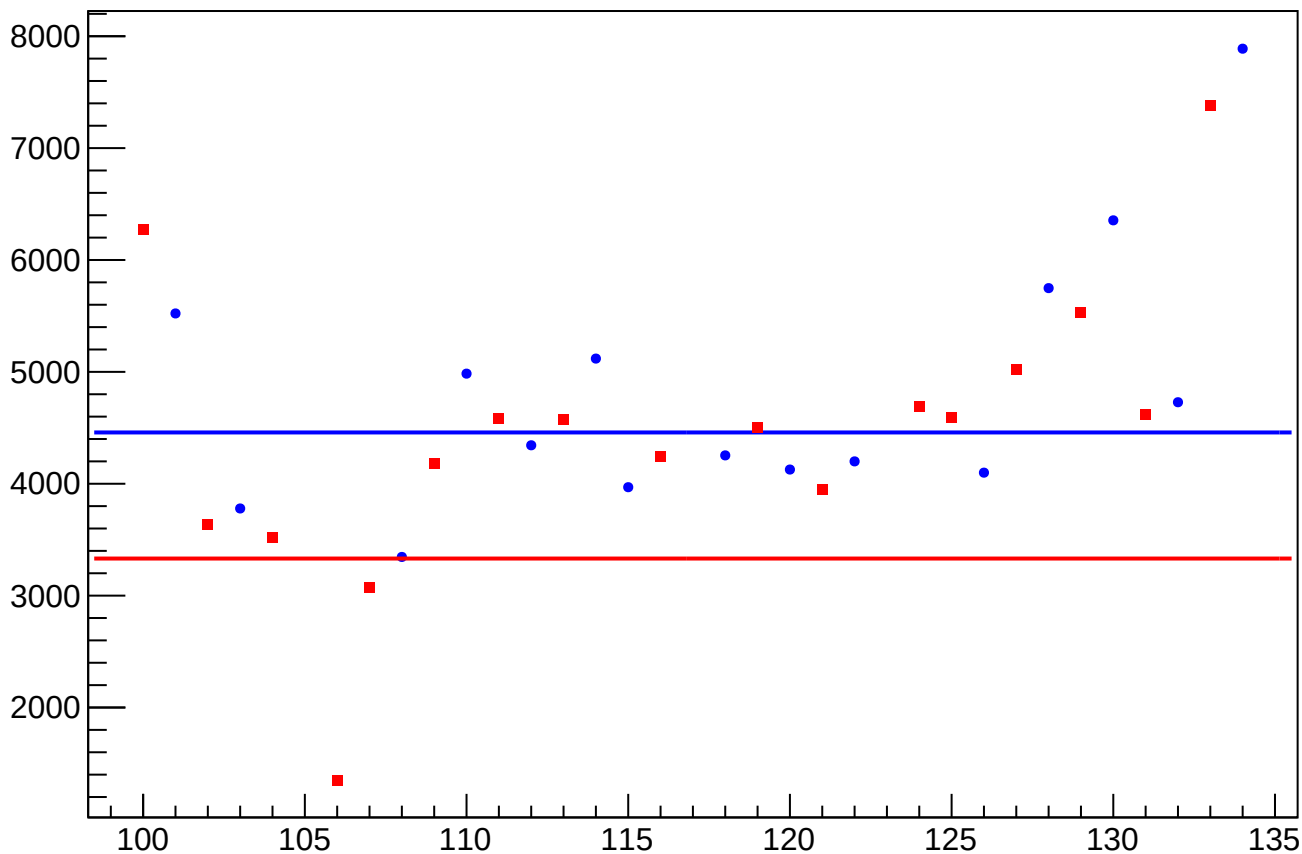
Right: -327.128+/-1113.835 χ^2/NDF : 27.5/31

In: -596.836+/-1814.131 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.128+/-1113.835 χ^2/NDF : 27.5/31

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4458.509+/-1.283 χ^2/NDF : 494168.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3331.520+/-0.998 χ^2/NDF : 2239260.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

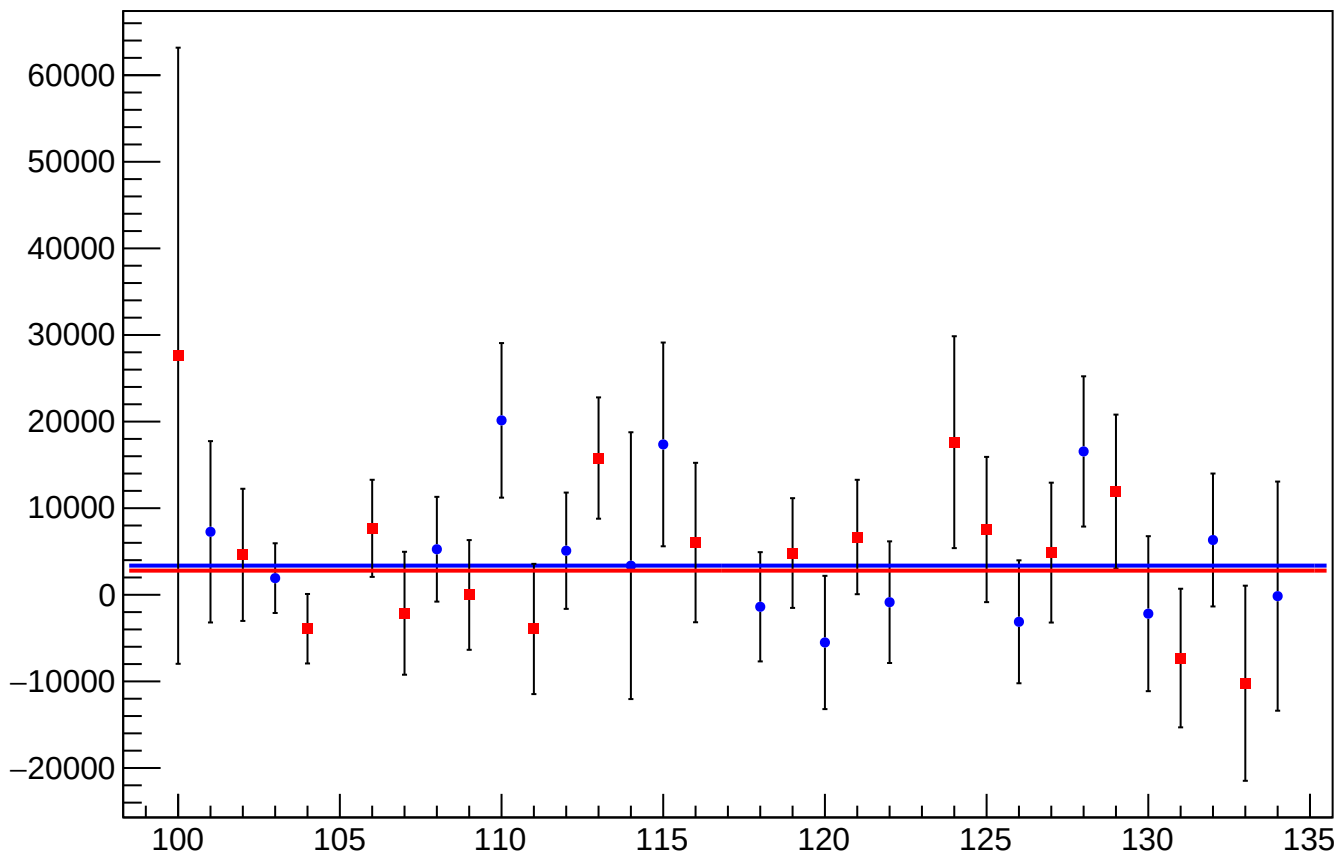
Right: 3756.359+/-0.788 χ^2/NDF : 3214315.0/31

In: 4458.509+/-1.283 χ^2/NDF : 494168.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3756.359+/-0.788 χ^2/NDF : 3214315.0/31

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3369.926+/-1907.081 χ^2/NDF : 11.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2789.706+/-1749.372 χ^2/NDF : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

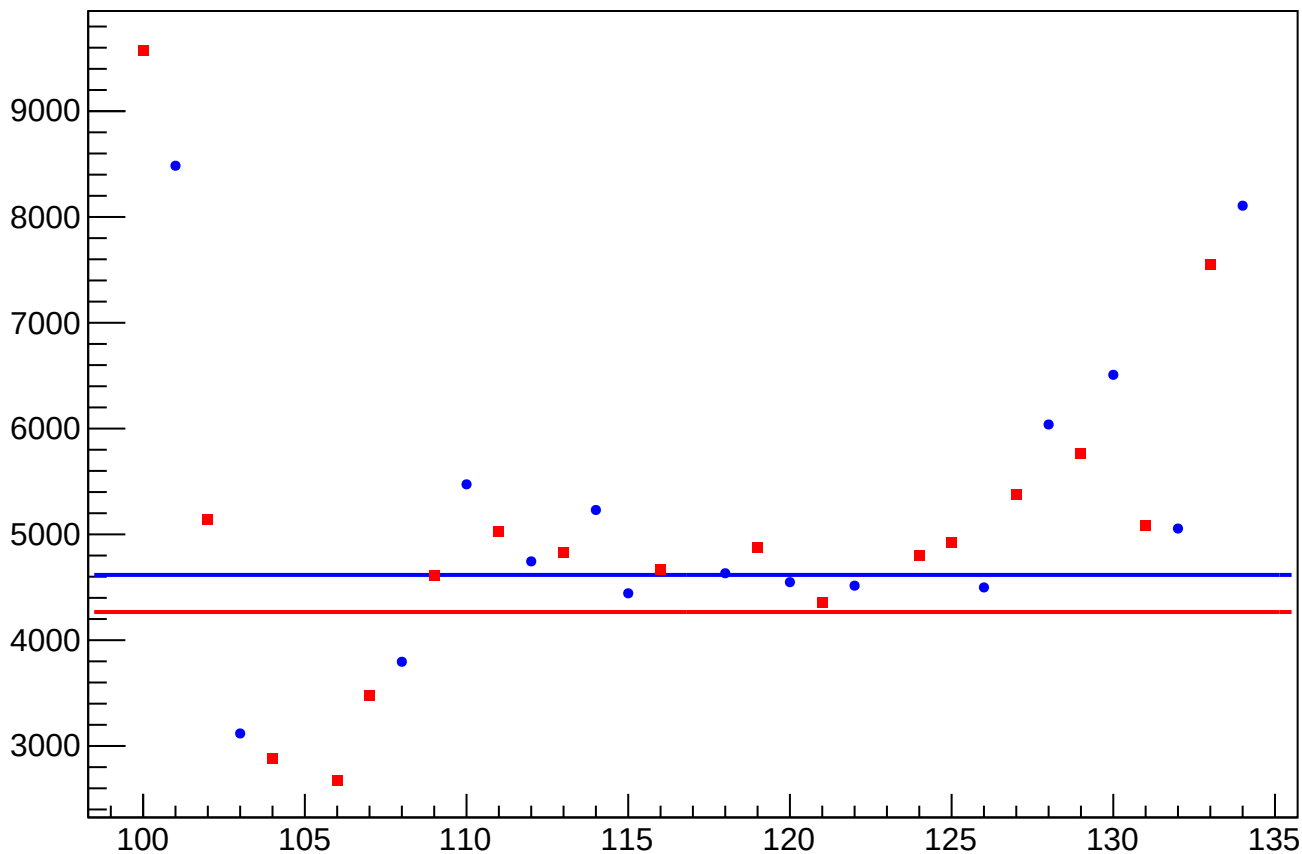
Right: 3054.837+/-1289.148 χ^2/NDF : 26.9/31

In: 3369.926+/-1907.081 χ^2/NDF : 11.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3054.837+/-1289.148 χ^2/NDF : 26.9/31

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4616.863+/-1.349 χ^2/NDF : 899501.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4266.197+/-1.225 χ^2/NDF : 888862.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

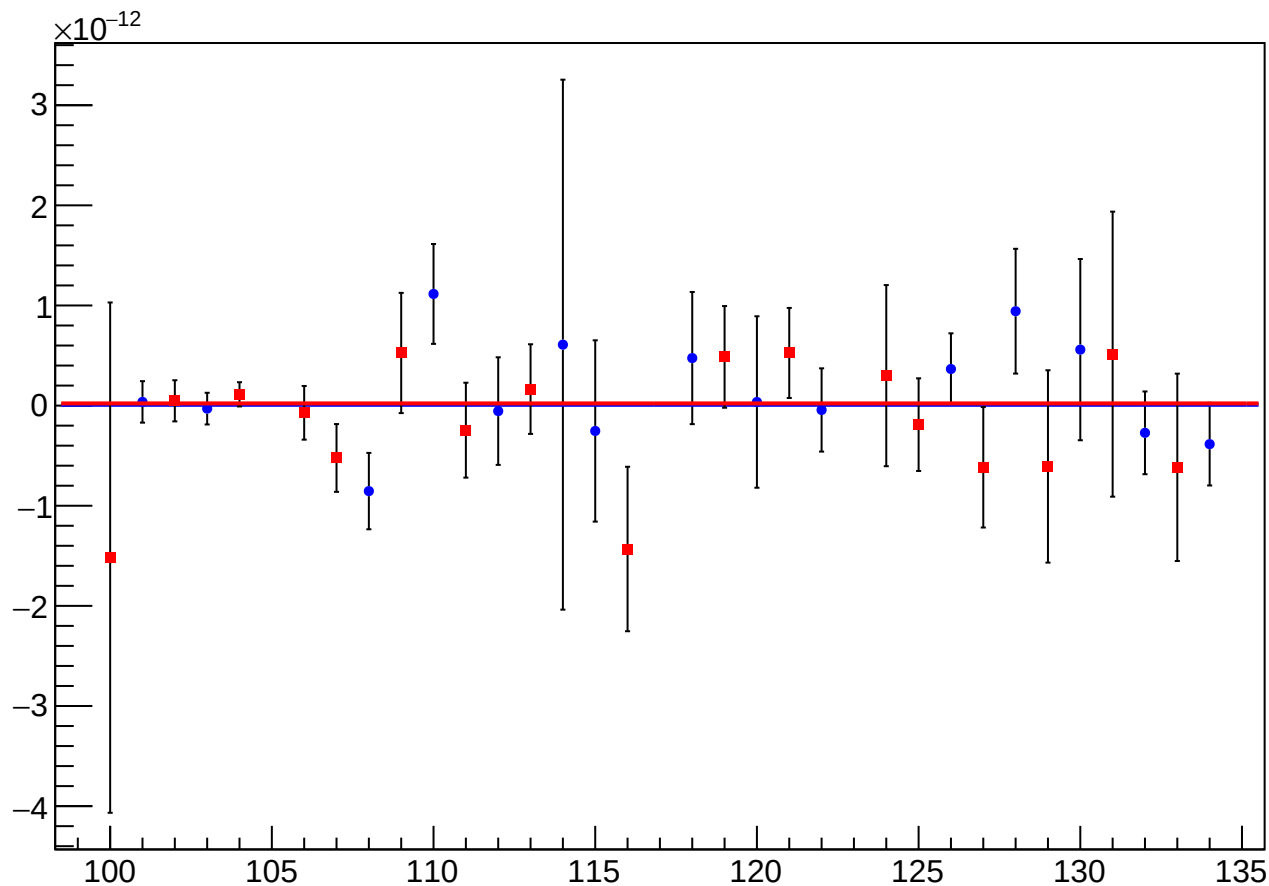
Right: 4424.780+/-0.907 χ^2/NDF : 1825404.2/31

In: 4616.863+/-1.349 χ^2/NDF : 899501.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4424.780+/-0.907 χ^2/NDF : 1825404.2/31

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

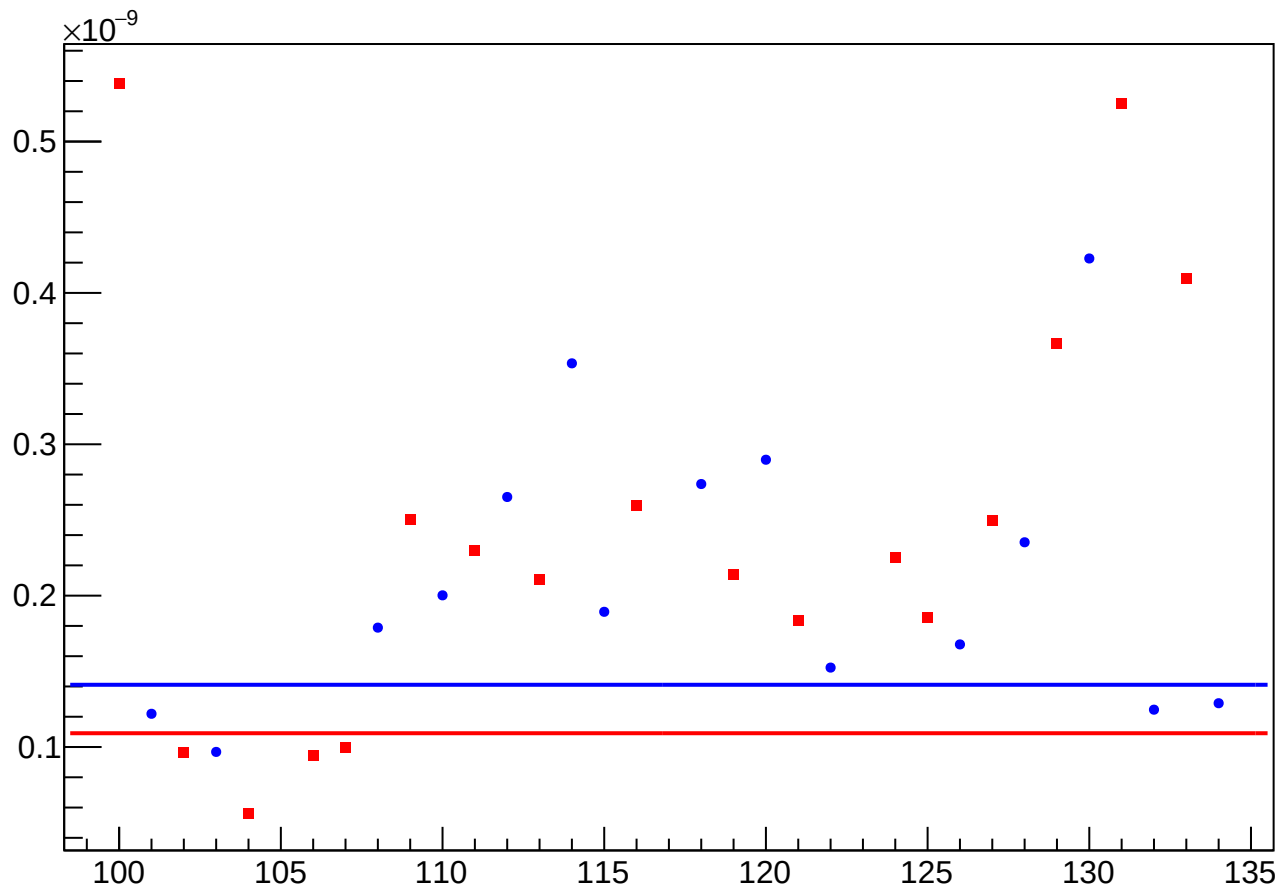
Right: 0.000+/-0.000 χ^2/NDF : 28.2/31

In: 0.000+/-0.000 χ^2/NDF : 15.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.2/31

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 745078.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1726687.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

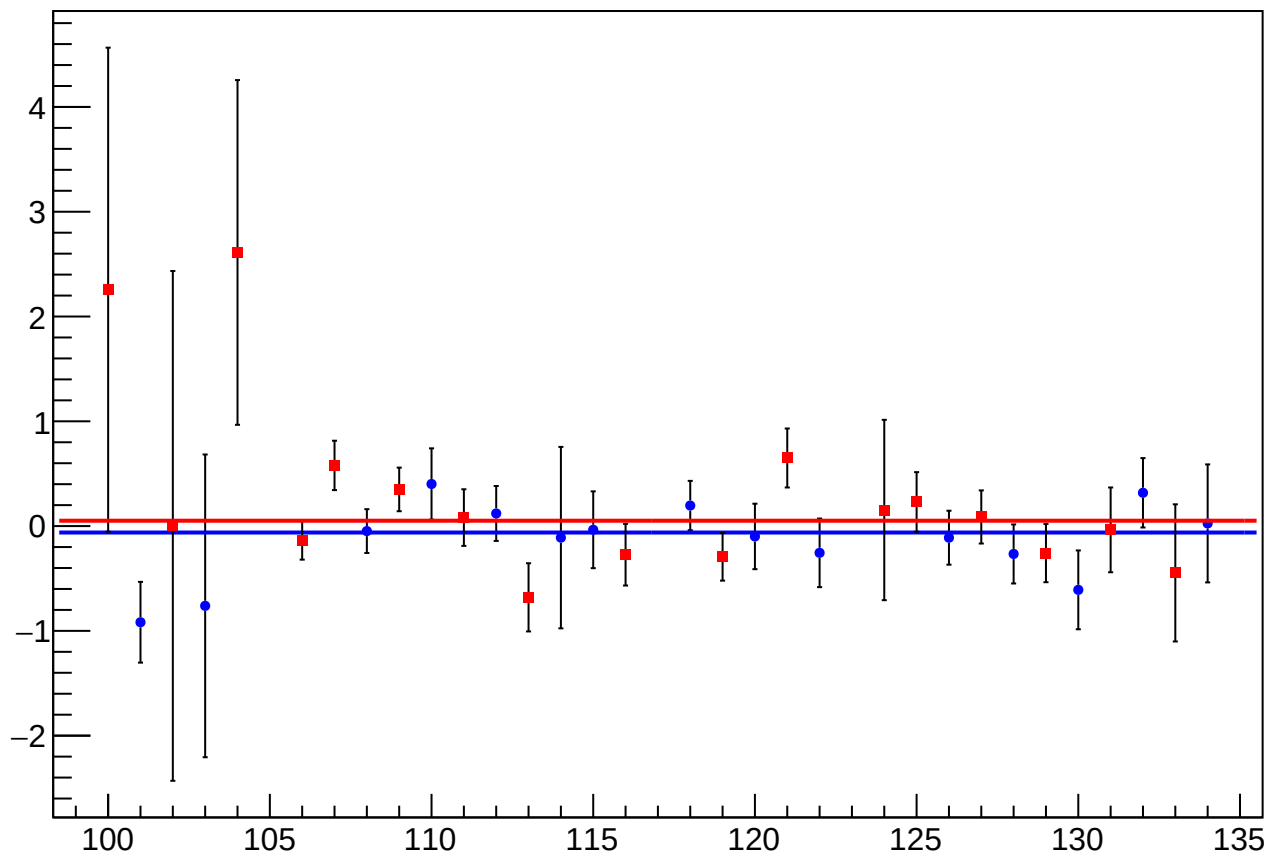
Right: 0.000+/-0.000 χ^2/NDF : 2602581.1/31

In: 0.000+/-0.000 χ^2/NDF : 745078.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2602581.1/31

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.073 χ^2/NDF : 26.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

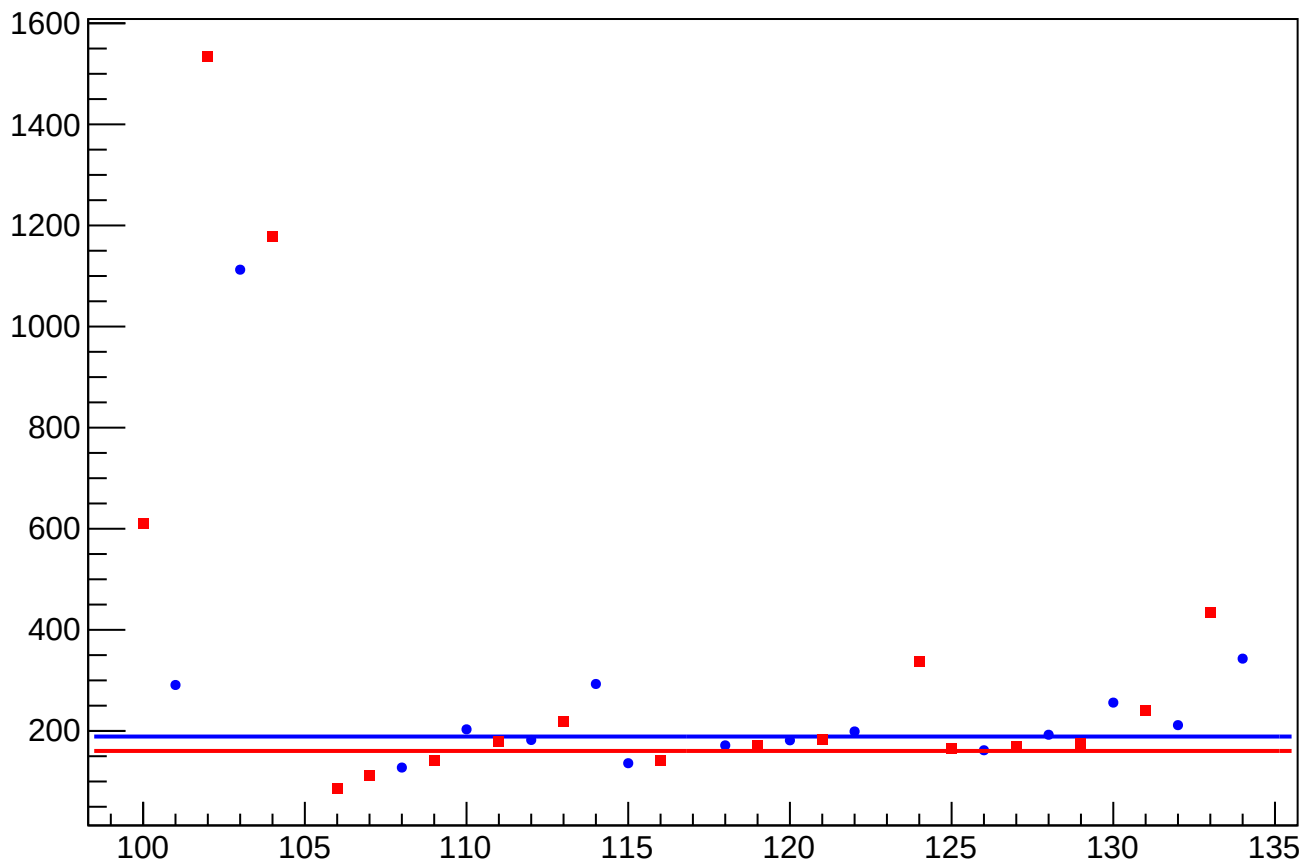
Right: 0.002 ± 0.055 χ^2/NDF : 41.0/31

In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.055 χ^2/NDF : 41.0/31

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.930+/-0.058 χ^2/NDF : 1464417.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.421+/-0.051 χ^2/NDF : 2534919.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

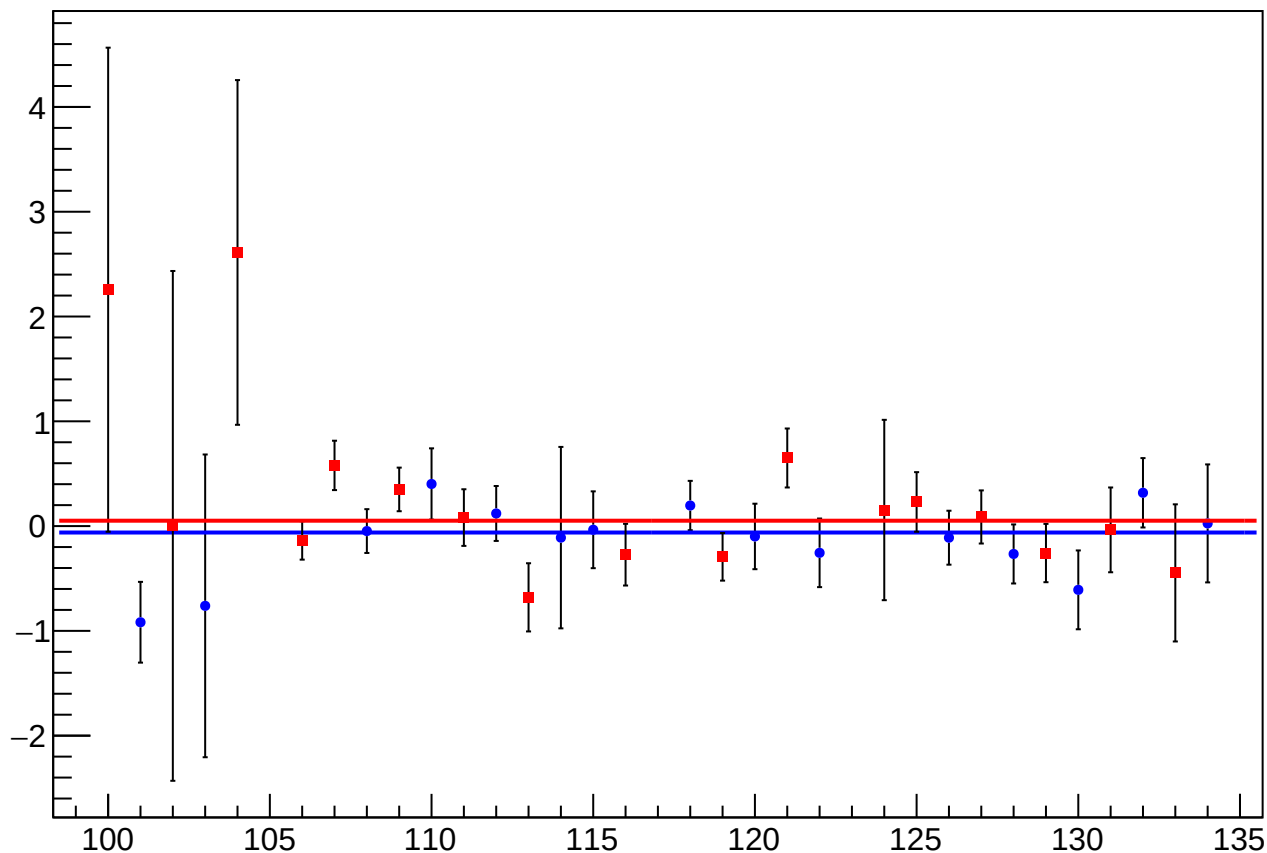
Right: 172.882+/-0.039 χ^2/NDF : 4133599.0/31

In: 188.930+/-0.058 χ^2/NDF : 1464417.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.882+/-0.039 χ^2/NDF : 4133599.0/31

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.073 χ^2/NDF : 26.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

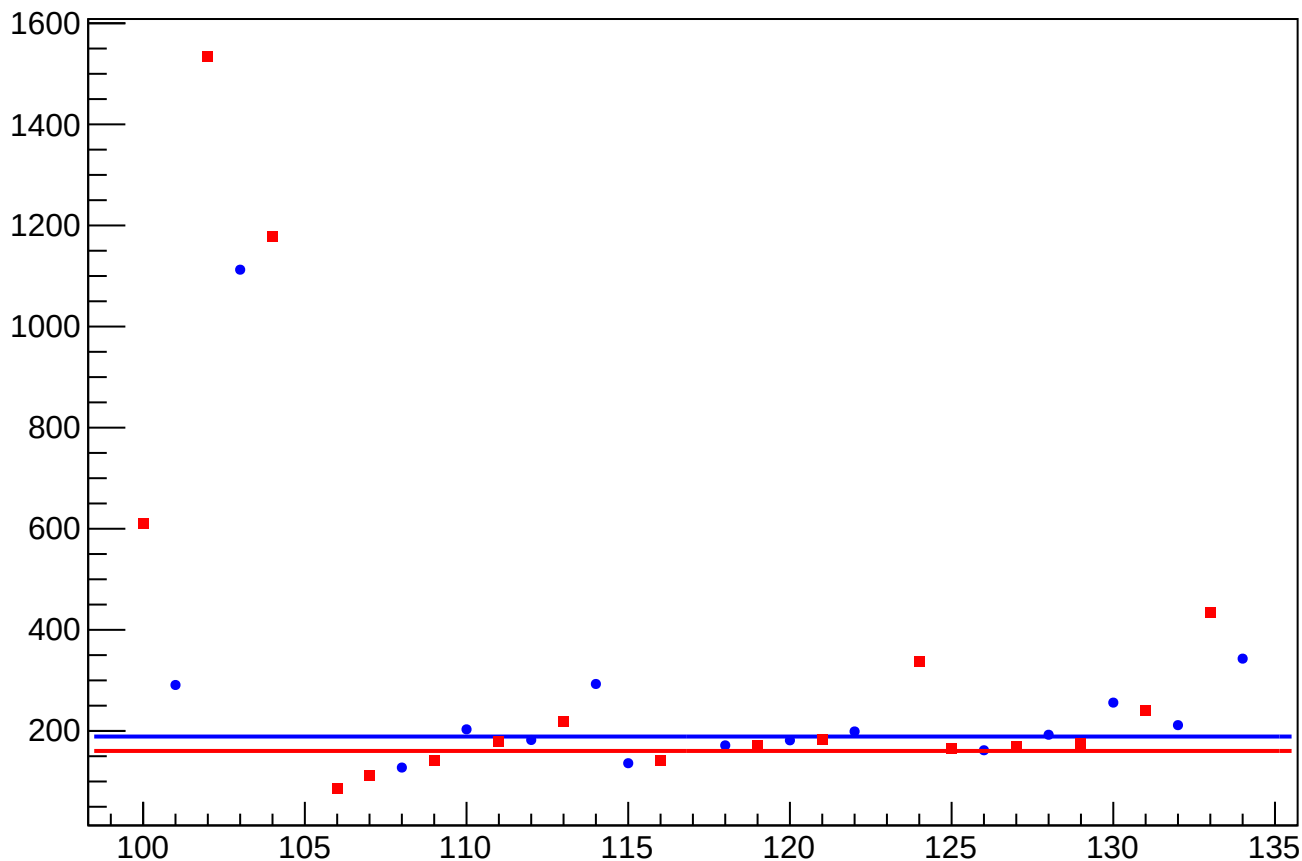
Right: 0.002 ± 0.055 χ^2/NDF : 41.0/31

In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.055 χ^2/NDF : 41.0/31

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.930+/-0.058 χ^2/NDF : 1464417.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 160.421+/-0.051 χ^2/NDF : 2534919.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

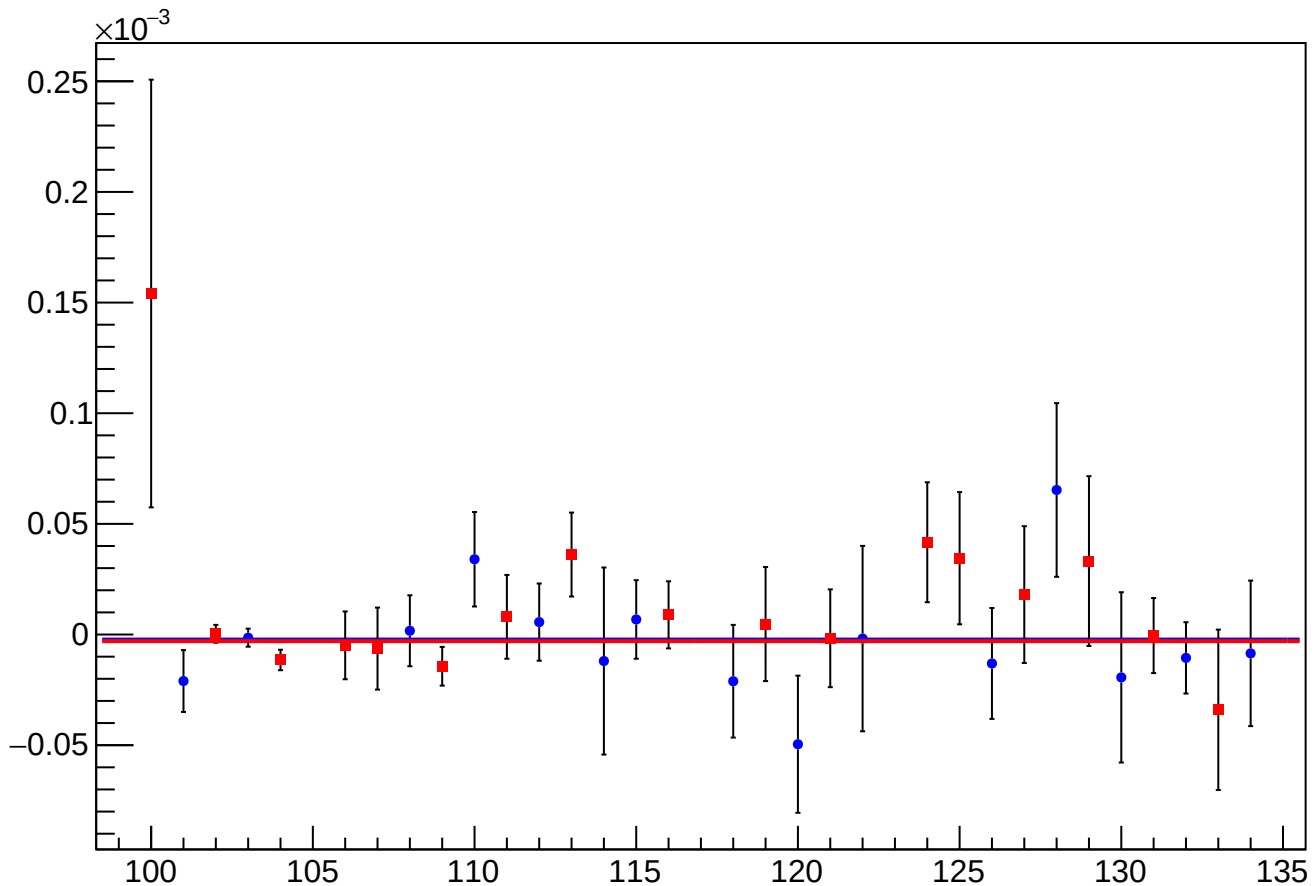
Right: 172.882+/-0.039 χ^2/NDF : 4133599.0/31

In: 188.930+/-0.058 χ^2/NDF :1464417.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.882+/-0.039 χ^2/NDF : 4133599.0/31

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

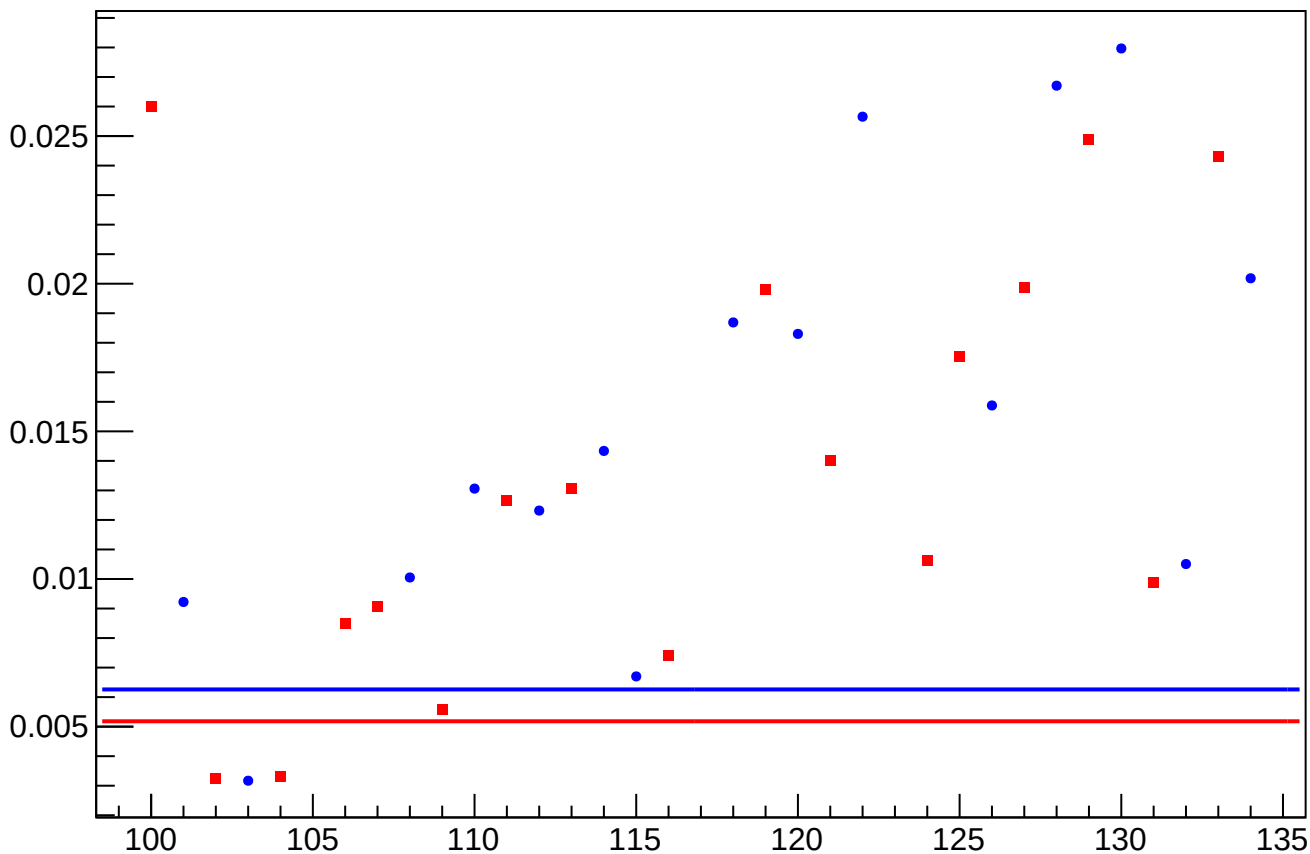
Right: -0.000+/-0.000 χ^2/NDF : 32.0/31

In: -0.000+/-0.000 χ^2/NDF : 11.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.0/31

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 5048342.0/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 4840088.7/16

Left 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 : 10018723.2/31

In: 0.006+/-0.000

χ^2/NDF : 5048342.0/14

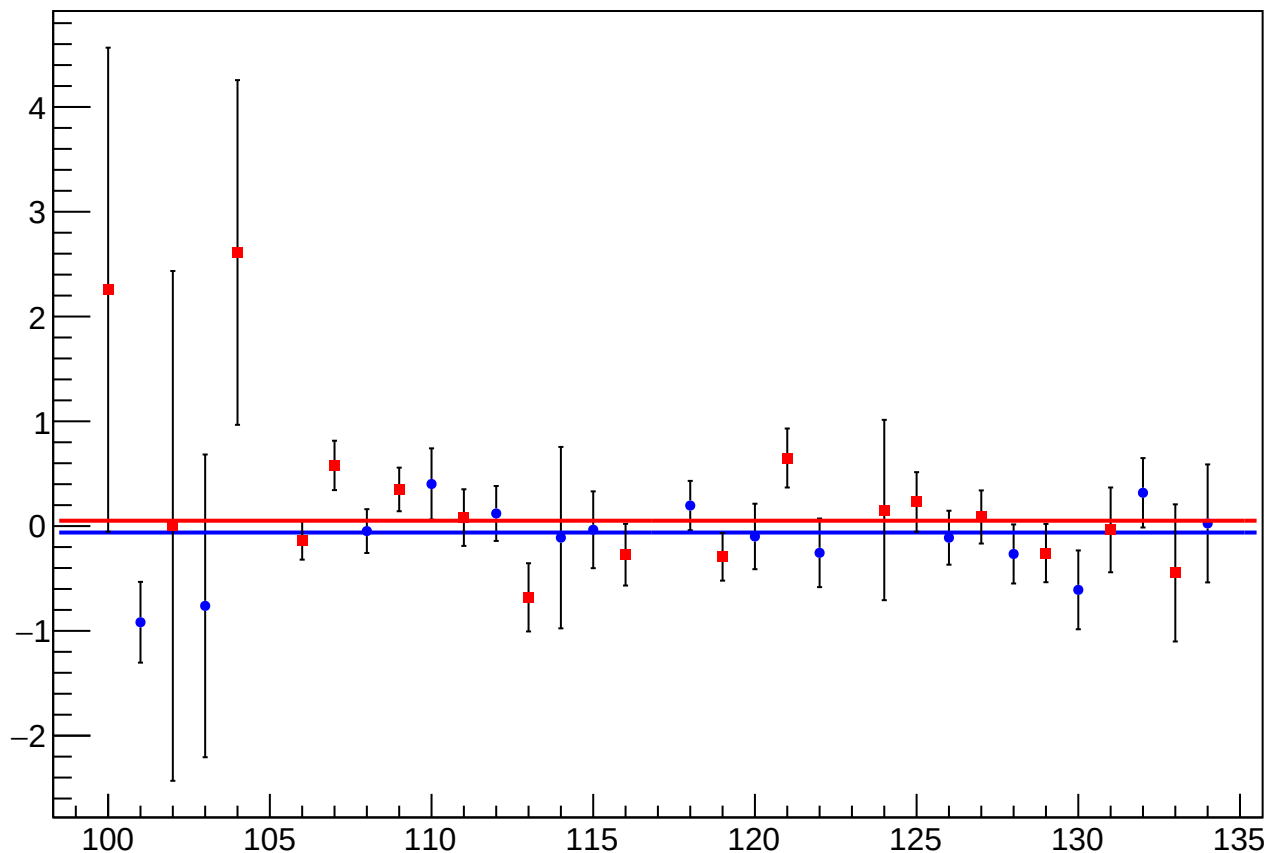
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 10018723.2/31

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.061 $\pm$ 0.083 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.051 $\pm$ 0.073 χ^2 /NDF: 26.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

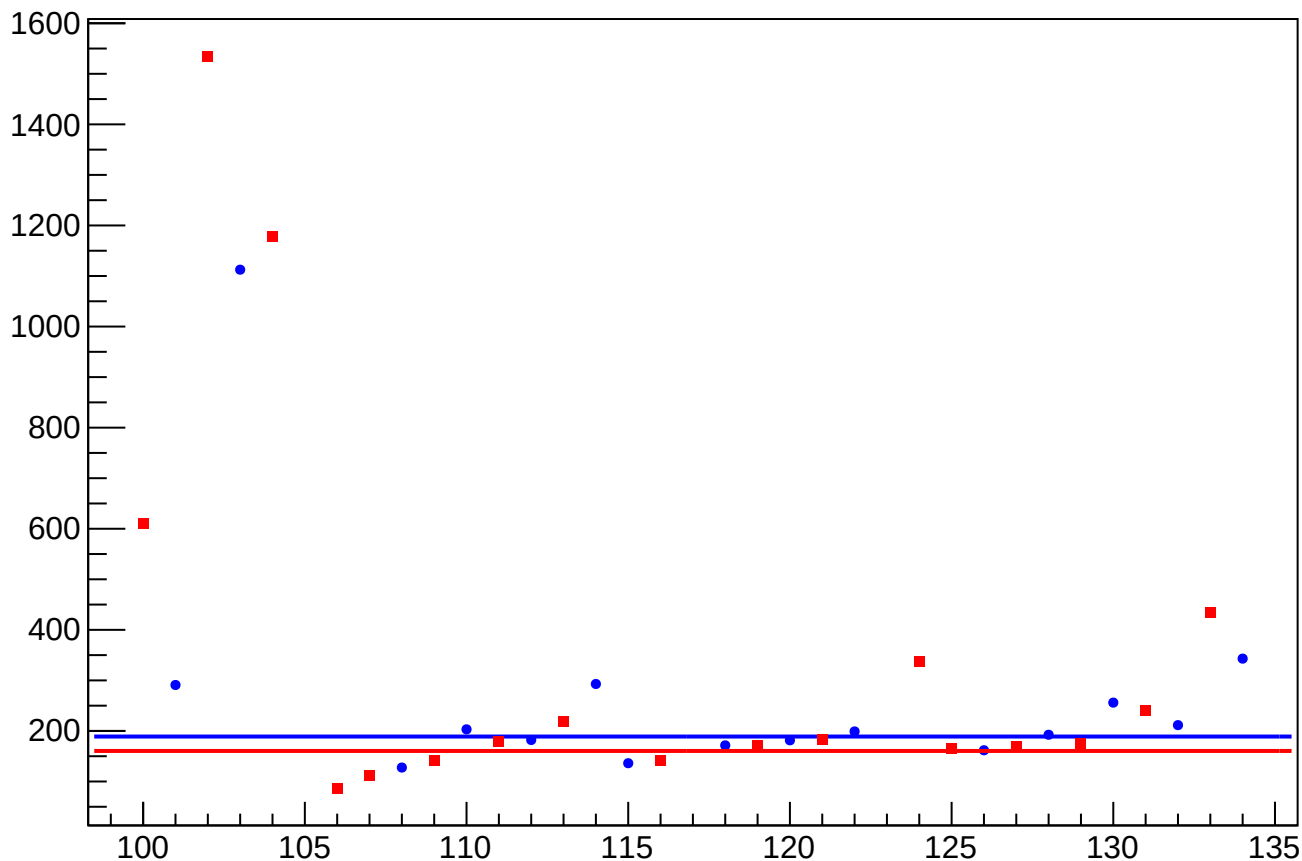
Right: 0.002 $\pm$ 0.055 χ^2 /NDF: 41.0/31

In: -0.061 $\pm$ 0.083 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.055 χ^2 /NDF: 41.0/31

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.928+/-0.058 χ^2/NDF : 1464402.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.420+/-0.051 χ^2/NDF : 2534880.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

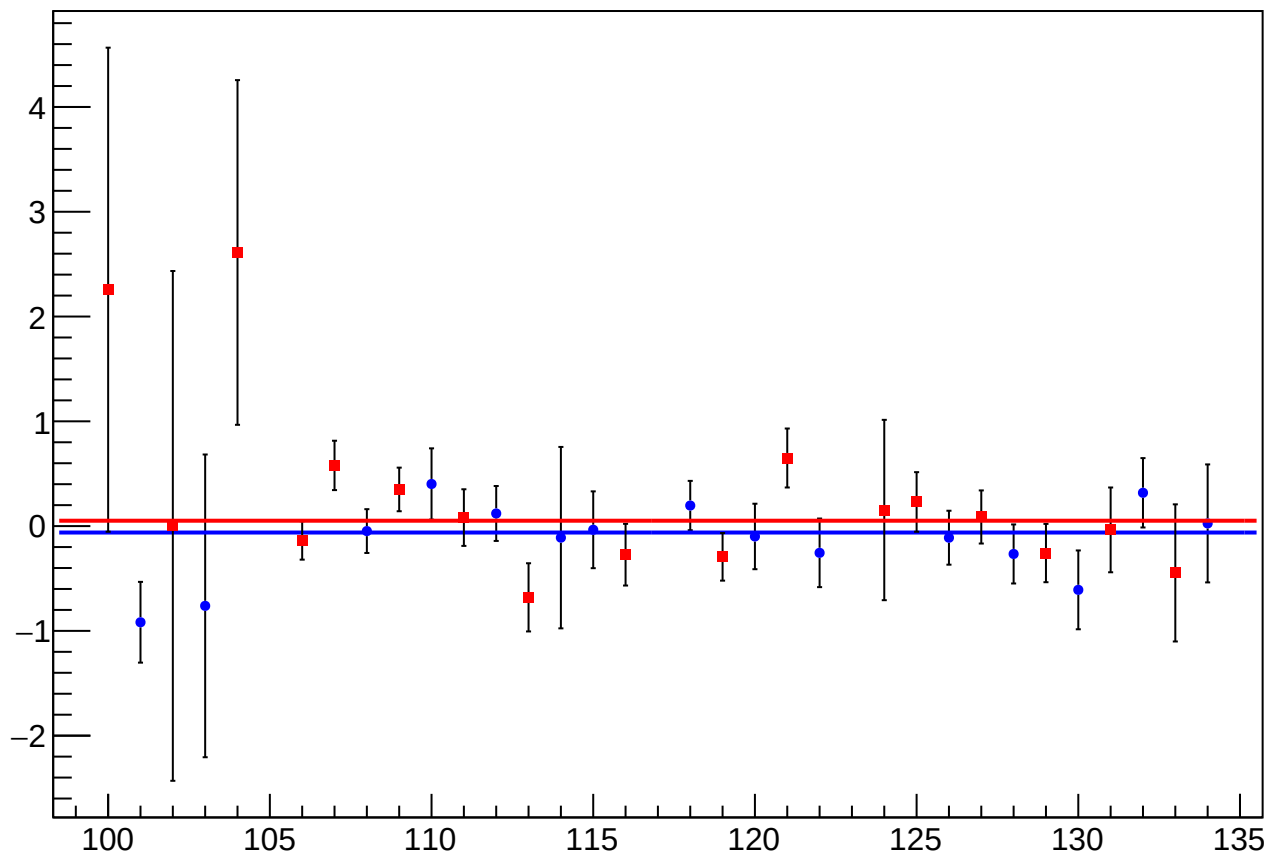
Right: 172.881+/-0.039 χ^2/NDF : 4133540.9/31

In: 188.928+/-0.058 χ^2/NDF : 1464402.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.881+/-0.039 χ^2/NDF : 4133540.9/31

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.073 χ^2/NDF : 26.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

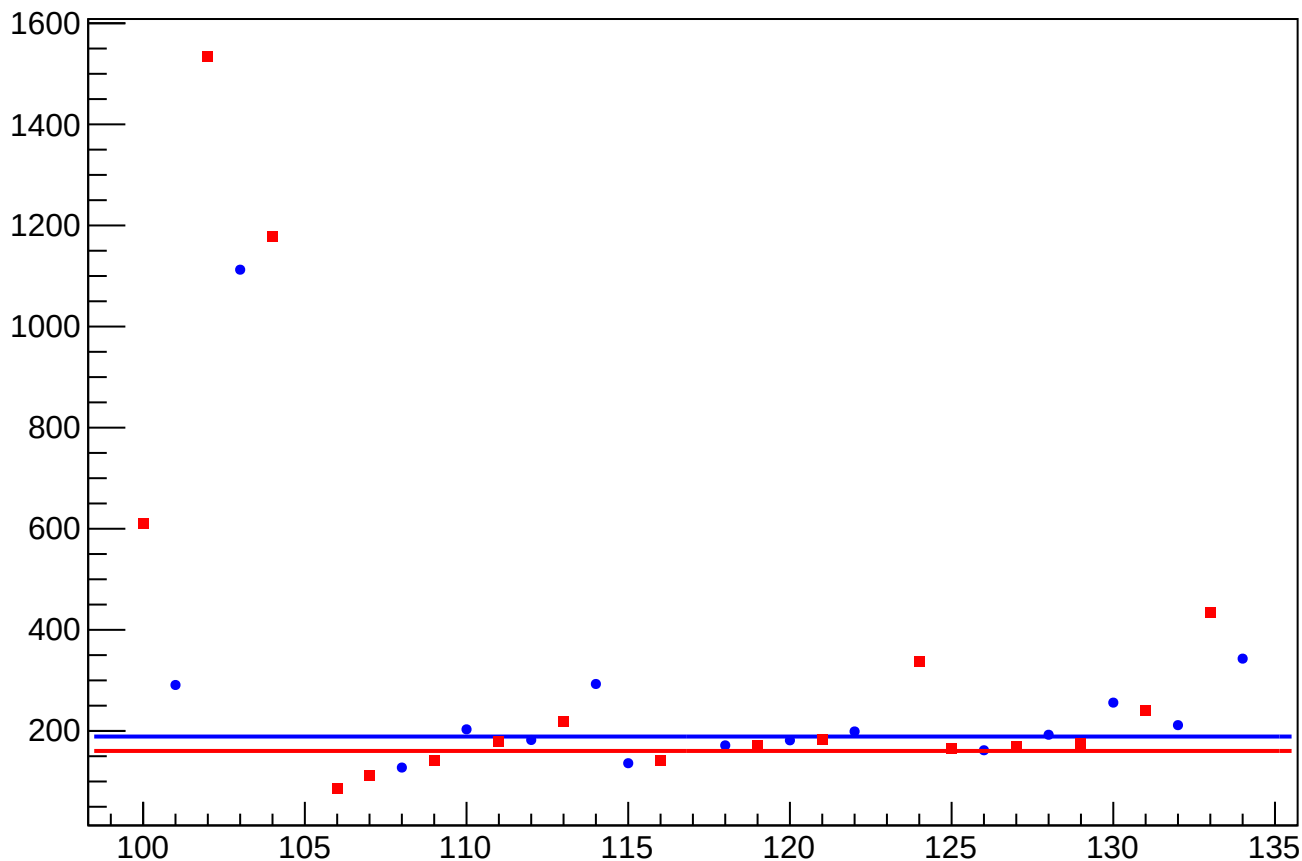
Right: 0.002 ± 0.055 χ^2/NDF : 41.0/31

In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.055 χ^2/NDF : 41.0/31

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.928+/-0.058 χ^2/NDF : 1464402.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 160.420+/-0.051 χ^2/NDF : 2534880.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

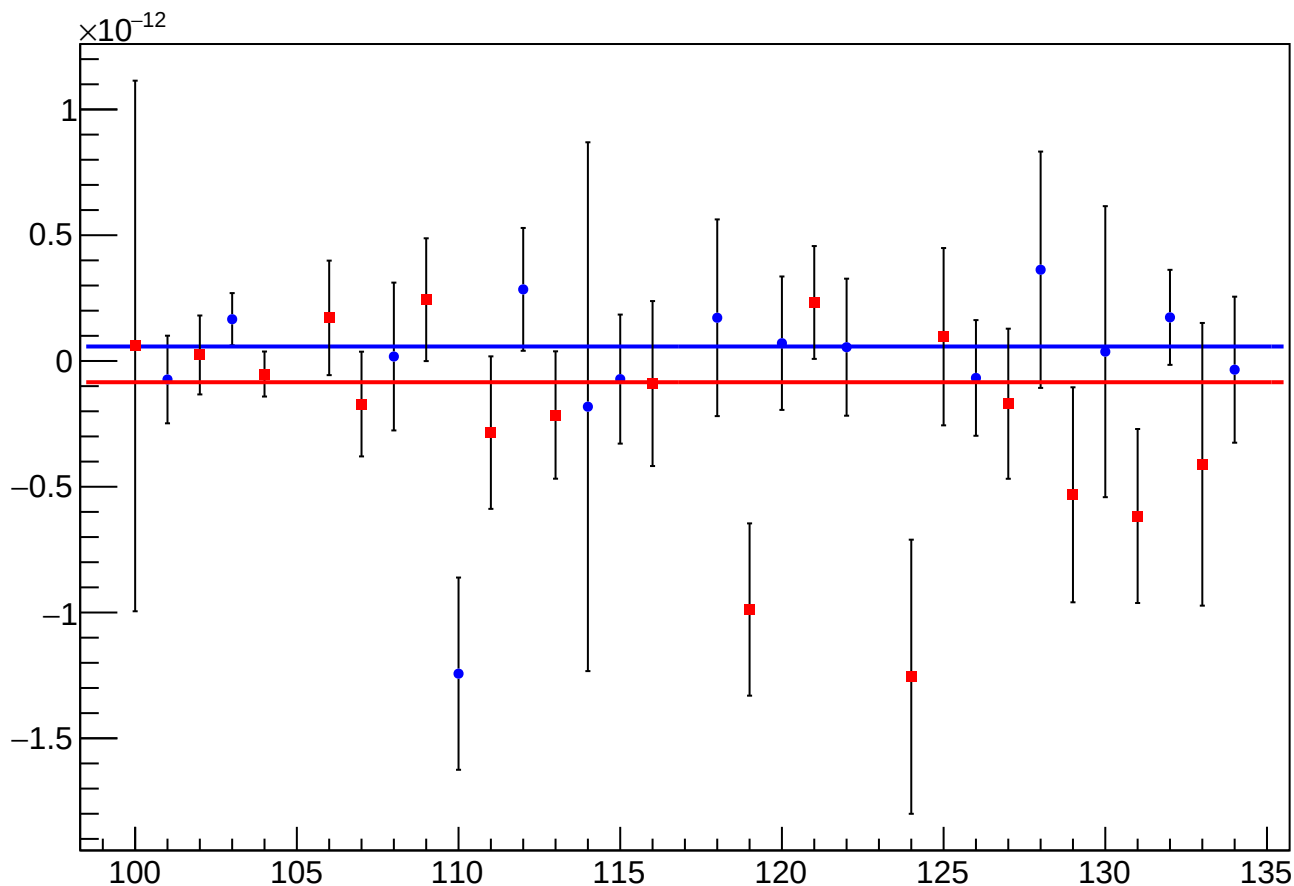
Right: 172.881+/-0.039 χ^2/NDF : 4133540.9/31

In: 188.928+/-0.058 χ^2/NDF :1464402.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.881+/-0.039 χ^2/NDF : 4133540.9/31

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

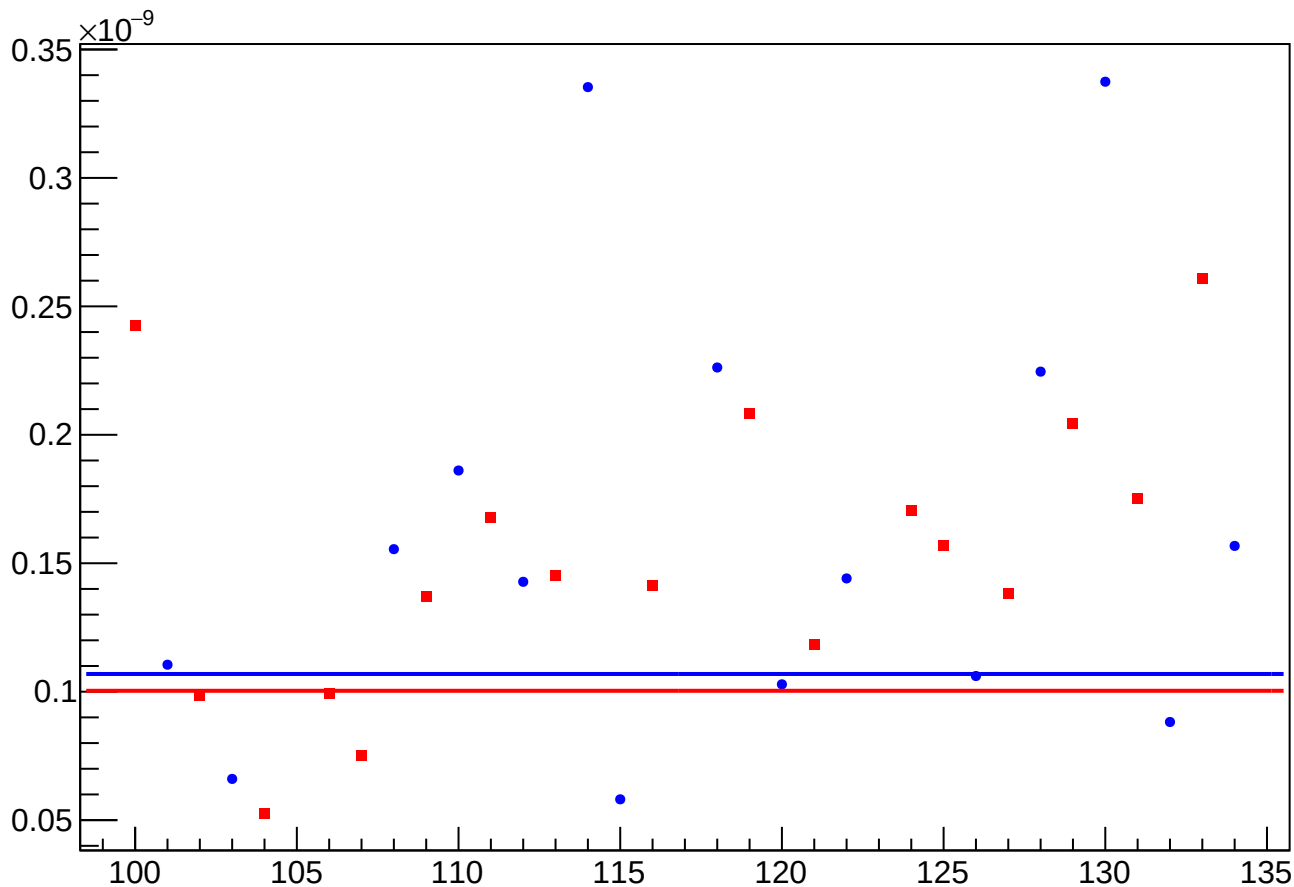
Right: -0.000+/-0.000 χ^2/NDF : 41.1/31

In: 0.000+/-0.000 χ^2/NDF : 15.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.1/31

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1406914.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1578298.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

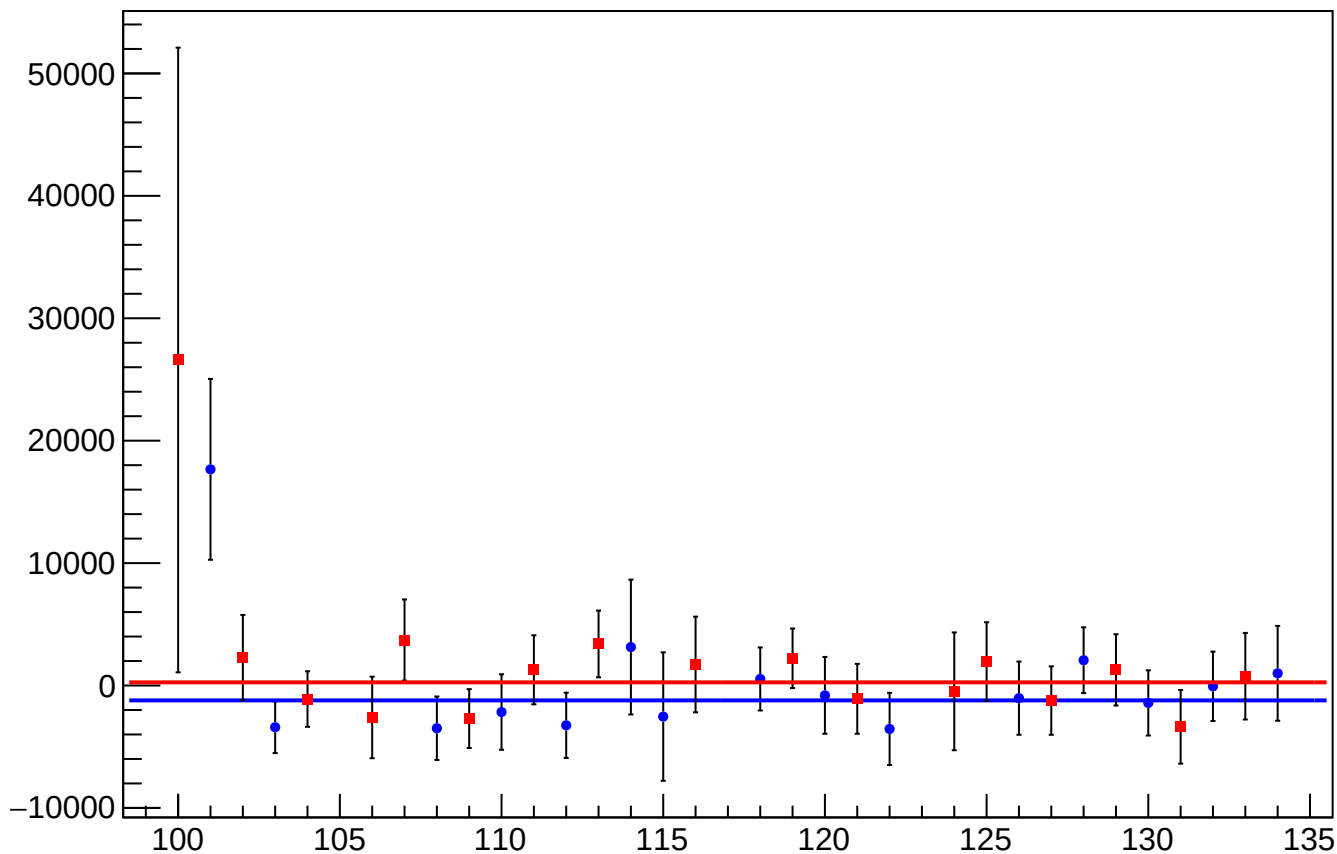
Right: 0.000+/-0.000 χ^2/NDF : 2998107.5/31

In: 0.000+/-0.000 χ^2/NDF : 1406914.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2998107.5/31

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1215.604+/-776.996 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.642+/-739.889 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

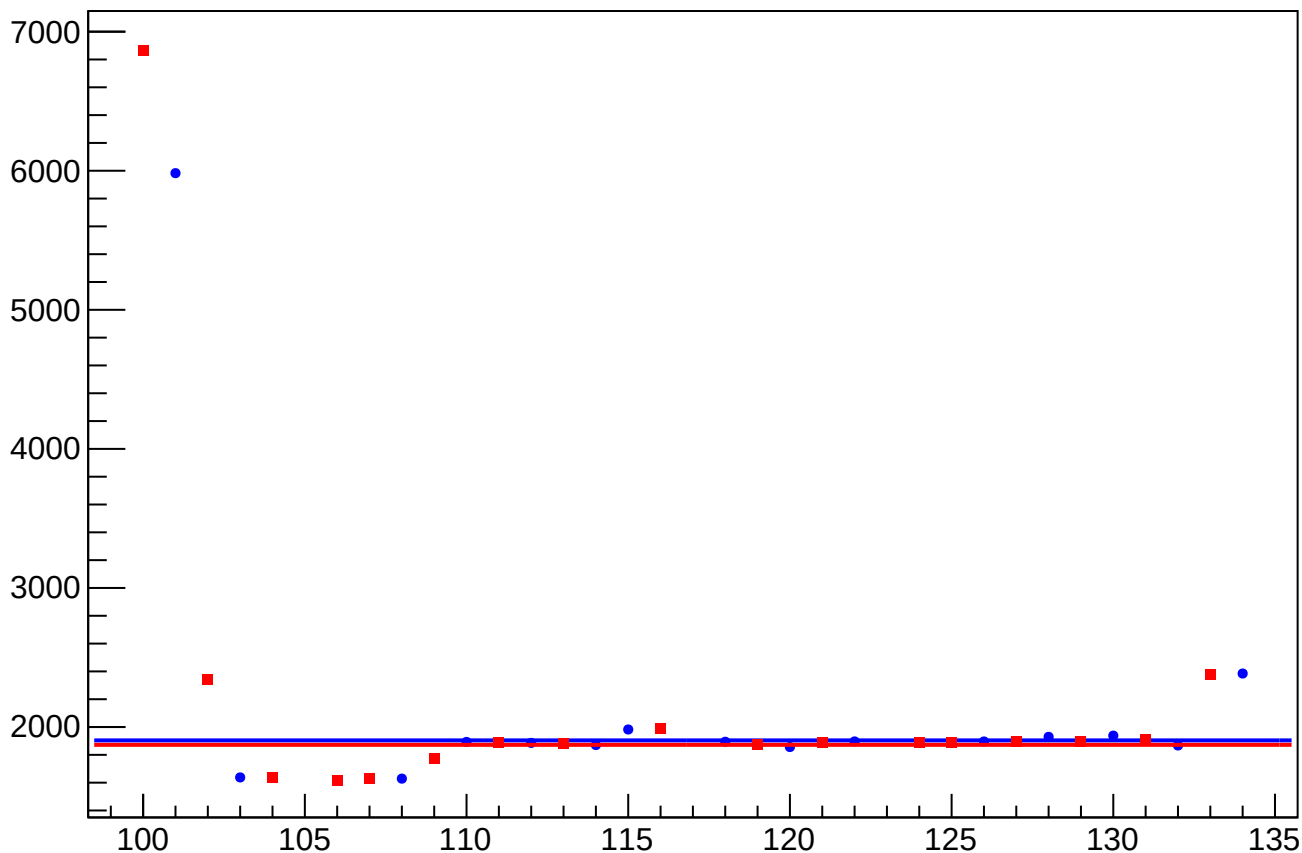
Right: -442.440+/-535.819 χ^2/NDF : 24.5/31

In: -1215.604+/-776.996 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.440+/-535.819 χ^2/NDF : 24.5/31

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1903.913+/-0.549 χ^2/NDF : 696873.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.031+/-0.521 χ^2/NDF : 207352.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

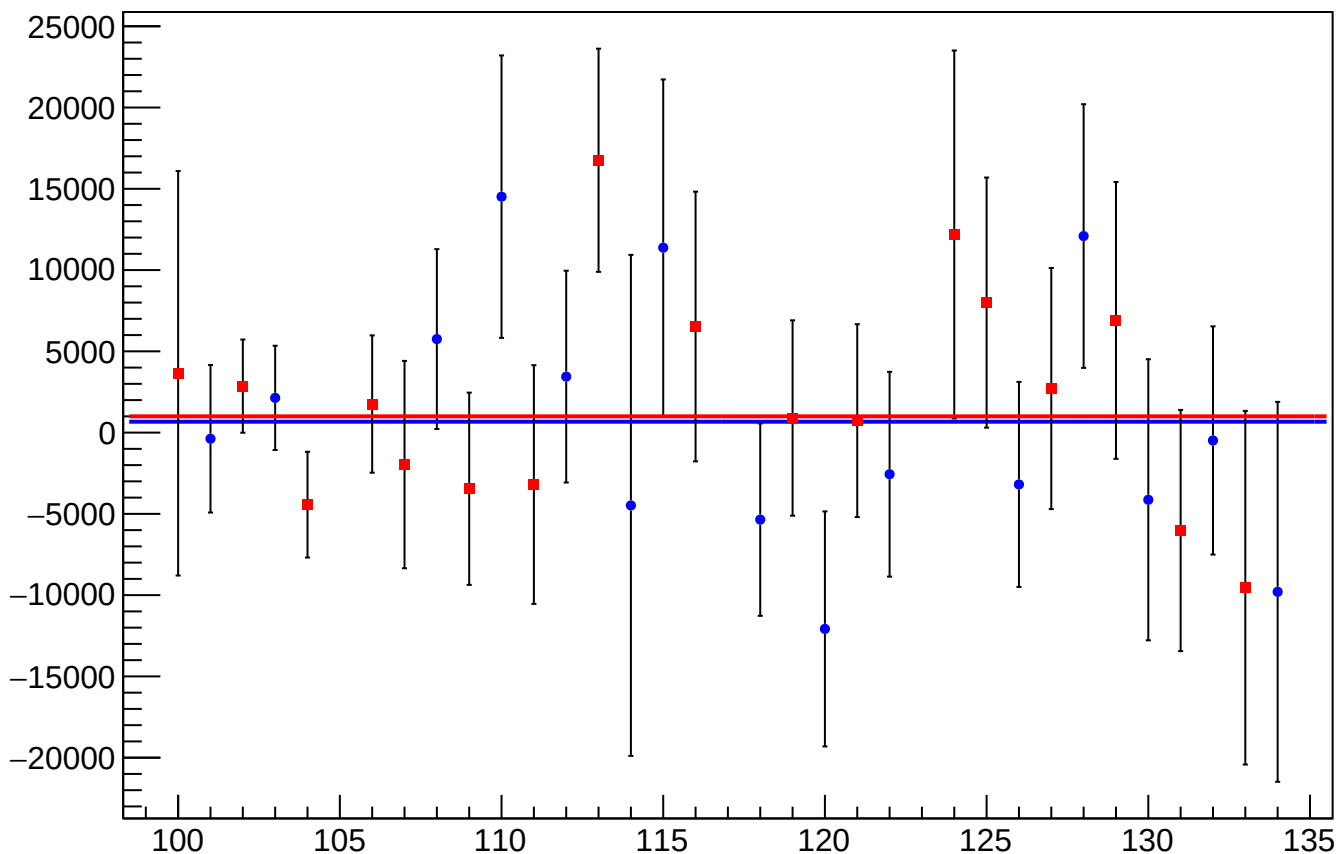
Right: 1887.133+/-0.378 χ^2/NDF : 905998.7/31

In: 1903.913+/-0.549 χ^2/NDF : 696873.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.133+/-0.378 χ^2/NDF : 905998.7/31

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 670.344 $\pm$ 1616.098 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1000.774 $\pm$ 1379.556 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

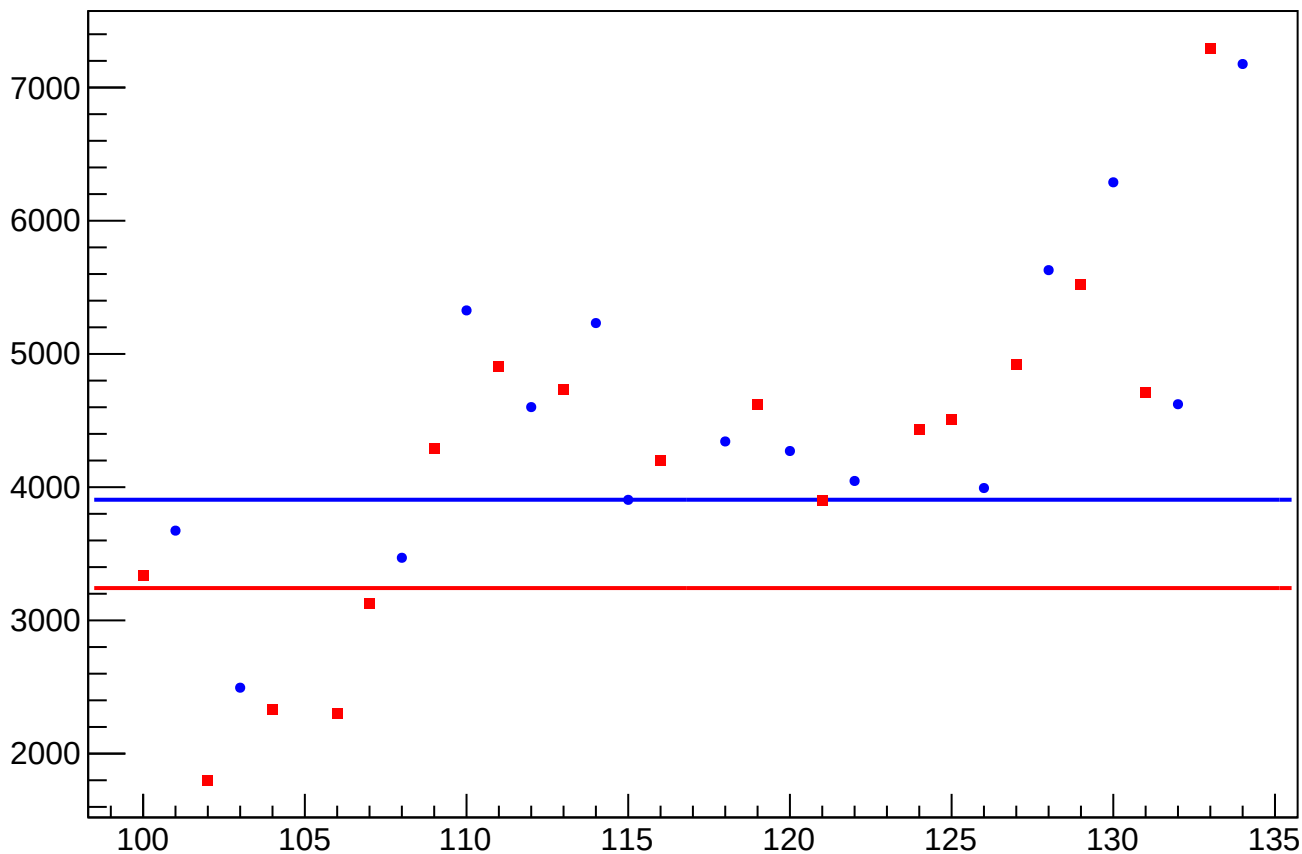
Right: 861.488 $\pm$ 1049.254 χ^2 /NDF: 27.2/31

In: 670.344 $\pm$ 1616.098 χ^2 /NDF:12.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 861.488 $\pm$ 1049.254 χ^2 /NDF: 27.2/31

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3905.724+/-1.143 χ^2/NDF : 932595.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3242.656+/-0.975 χ^2/NDF : 1859277.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

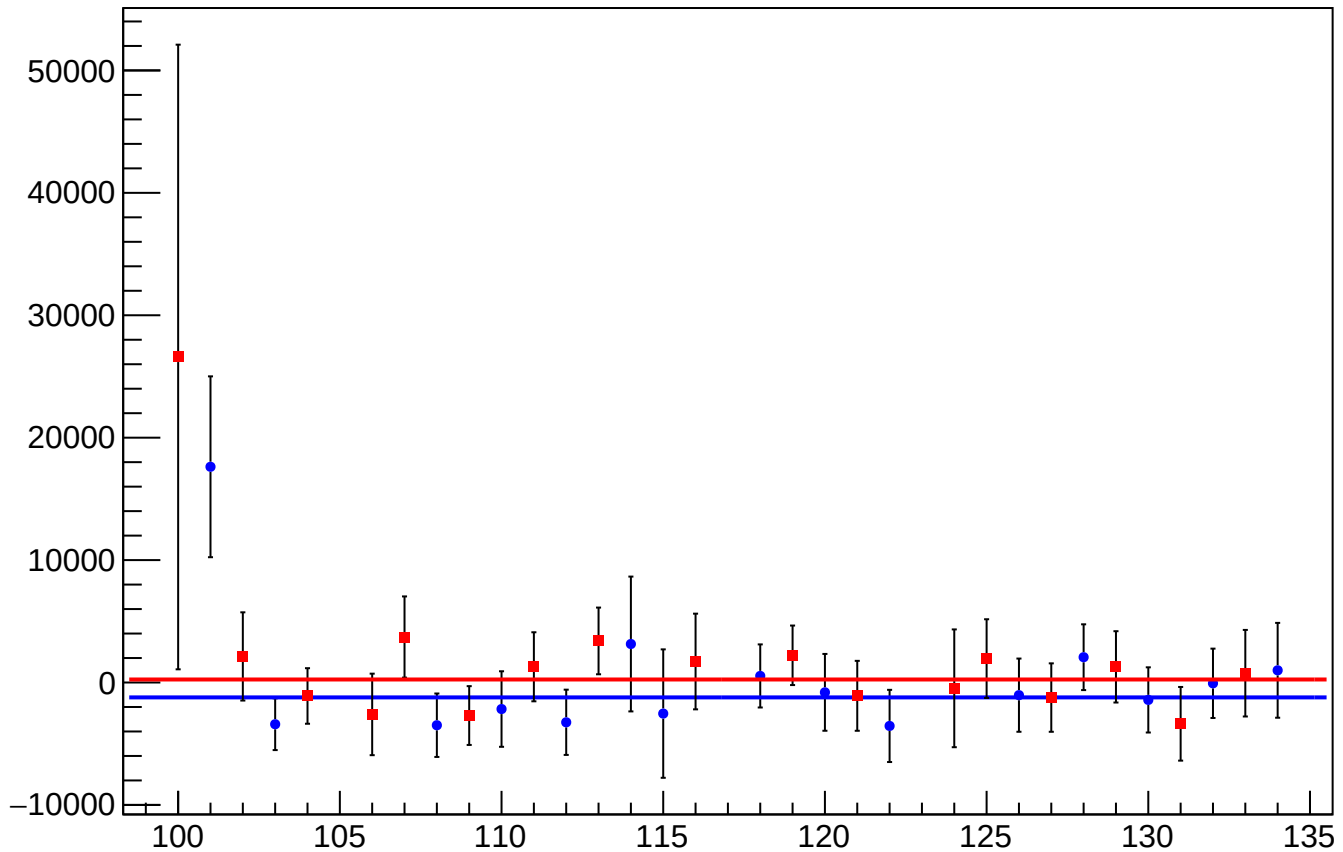
Right: 3522.157+/-0.742 χ^2/NDF : 2986629.3/31

In: 3905.724+/-1.143 χ^2/NDF : 932595.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3522.157+/-0.742 χ^2/NDF : 2986629.3/31

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1216.036 $\pm$ 776.996 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 246.820 $\pm$ 740.996 χ^2 /NDF: 9.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

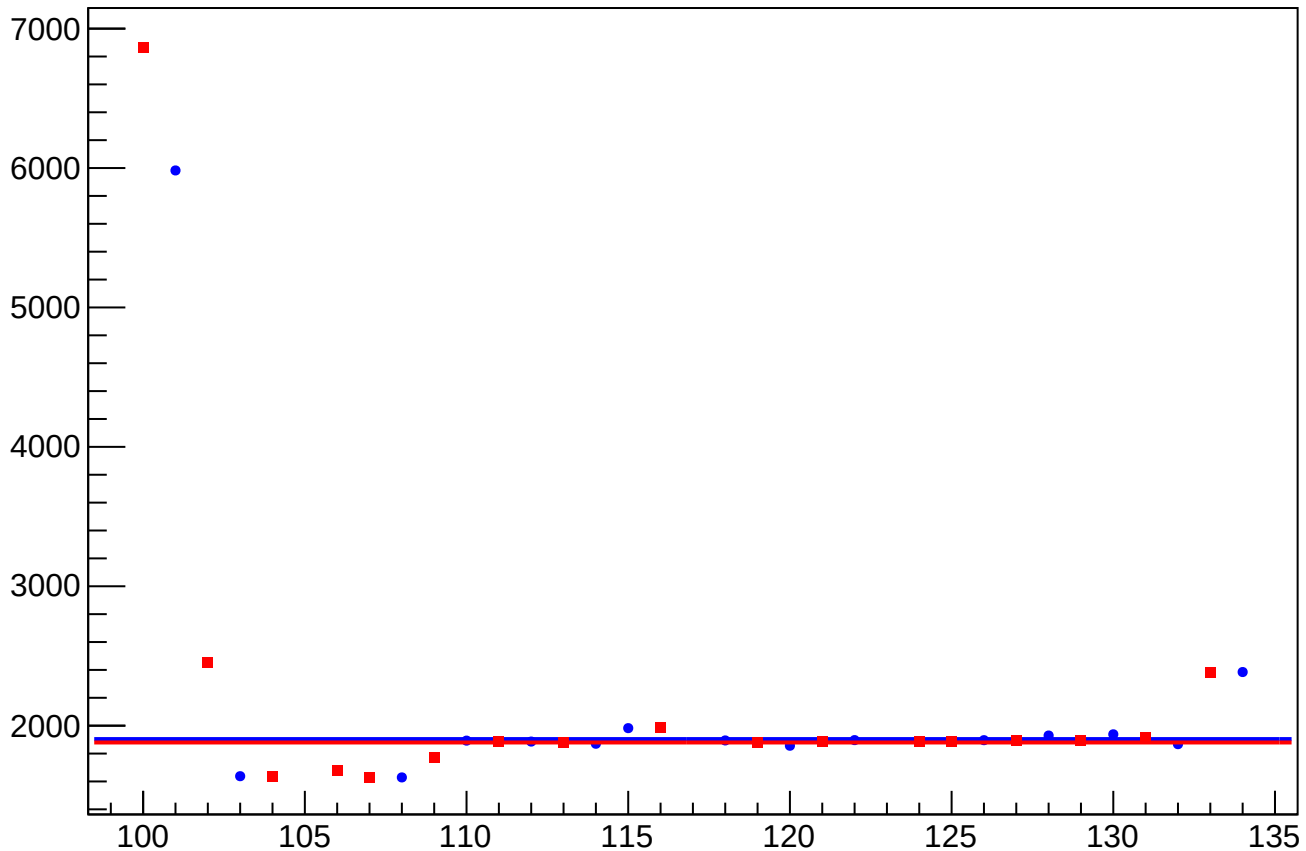
Right: -449.935 $\pm$ 536.238 χ^2 /NDF: 24.4/31

In: -1216.036 $\pm$ 776.996 χ^2 /NDF:12.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -449.935 $\pm$ 536.238 χ^2 /NDF: 24.4/31

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1903.913+/-0.549 χ^2/NDF : 696873.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1879.505+/-0.523 χ^2/NDF : 216361.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

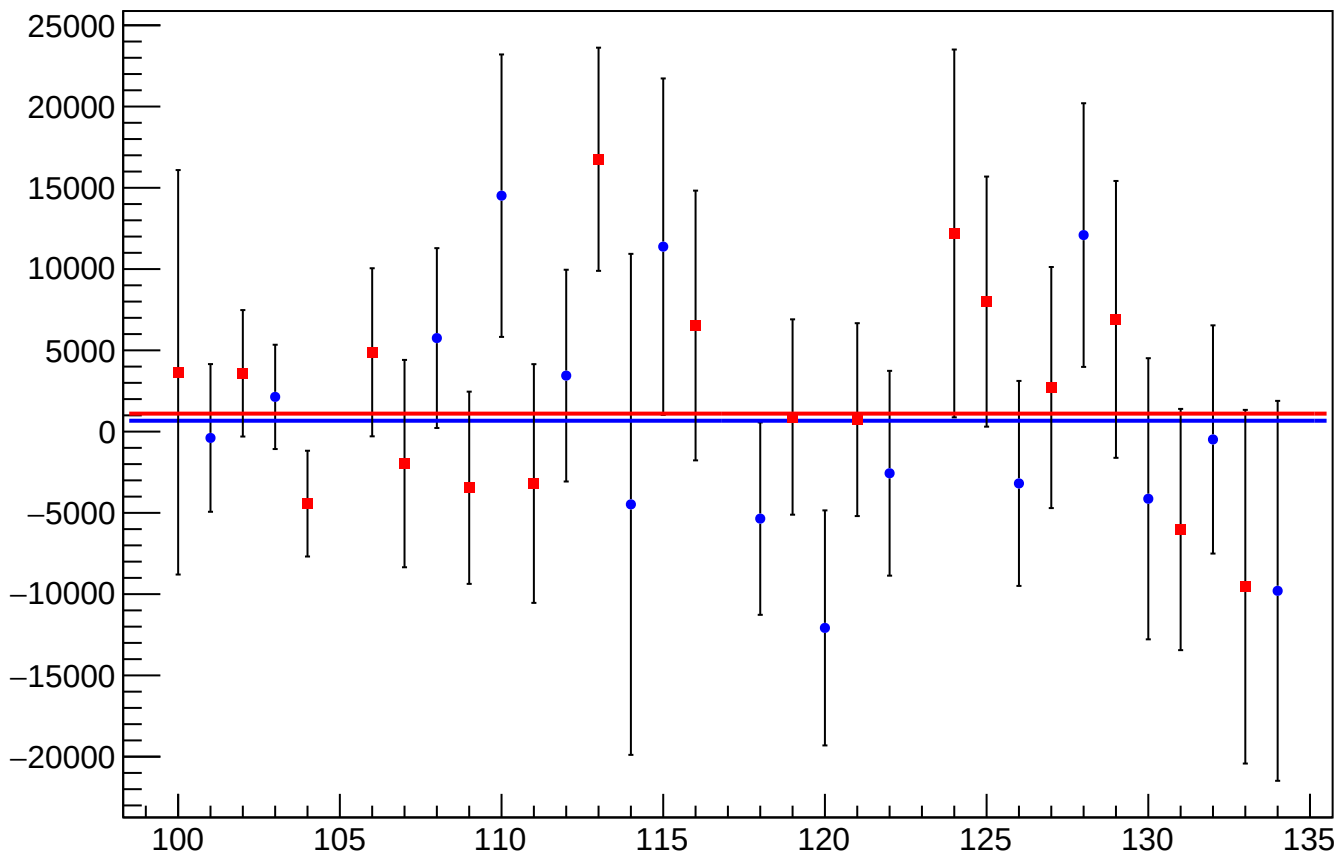
Right: 1891.110+/-0.379 χ^2/NDF : 914270.6/31

In: 1903.913+/-0.549 χ^2/NDF : 696873.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.110+/-0.379 χ^2/NDF : 914270.6/31

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 668.746 $\pm$ 1616.323 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1106.200 $\pm$ 1488.758 χ^2 /NDF: 14.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

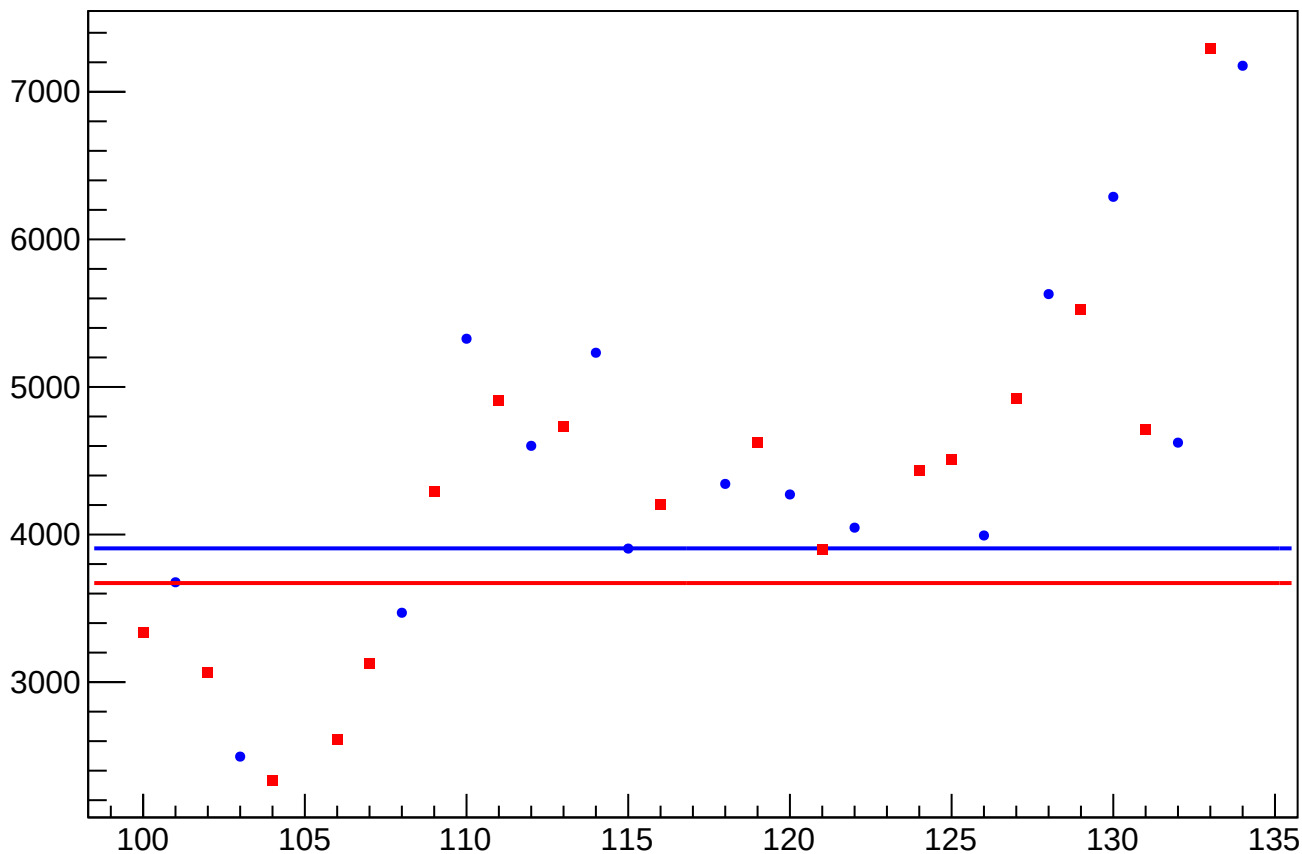
Right: 905.414 $\pm$ 1095.036 χ^2 /NDF: 27.8/31

In: 668.746 $\pm$ 1616.323 χ^2 /NDF:12.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 905.414 $\pm$ 1095.036 χ^2 /NDF: 27.8/31

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3906.371+/-1.143 χ^2/NDF : 932062.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3671.244+/-1.053 χ^2/NDF : 1119715.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

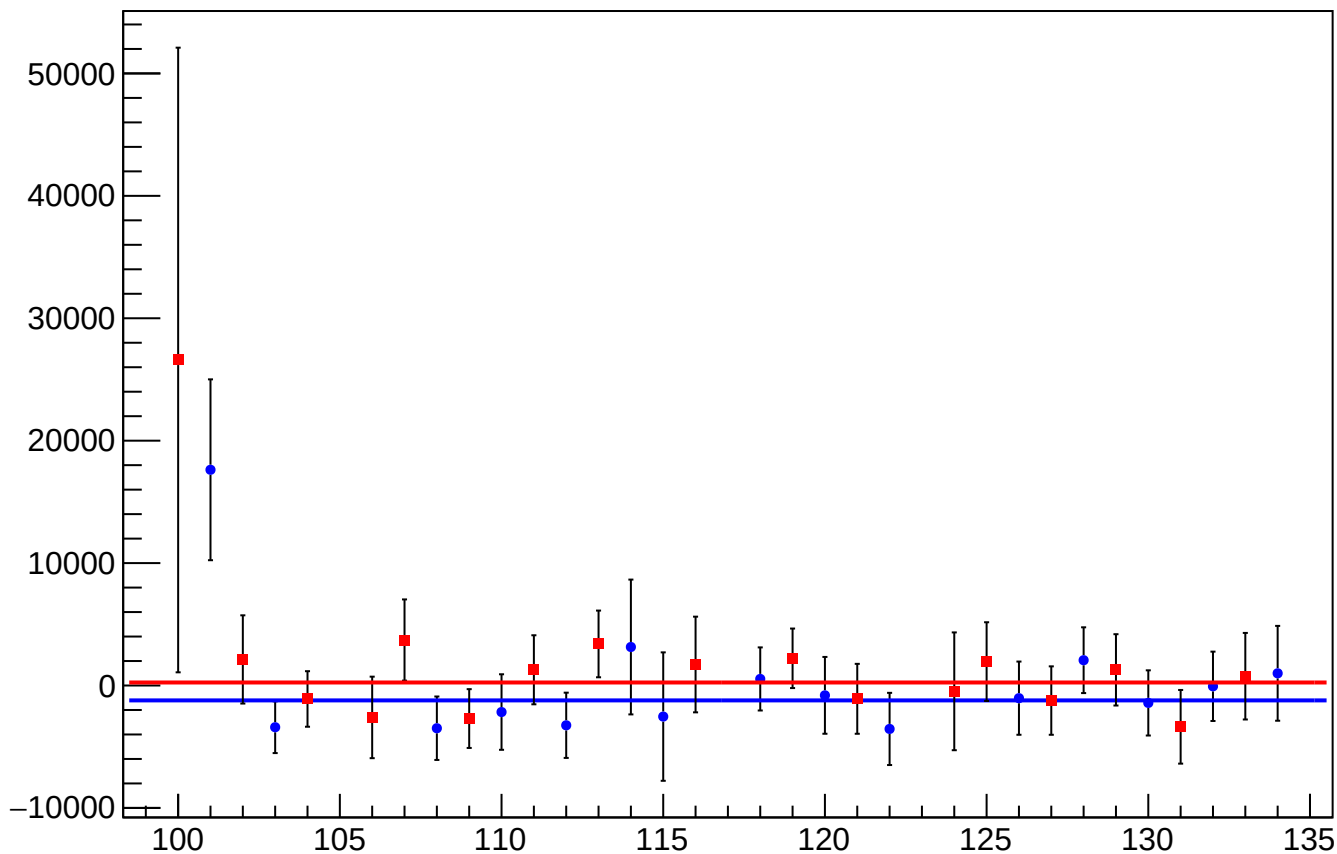
Right: 3779.164+/-0.774 χ^2/NDF : 2074675.1/31

In: 3906.371+/-1.143 χ^2/NDF : 932062.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3779.164+/-0.774 χ^2/NDF : 2074675.1/31

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1216.036+/-776.996 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.820+/-740.996 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

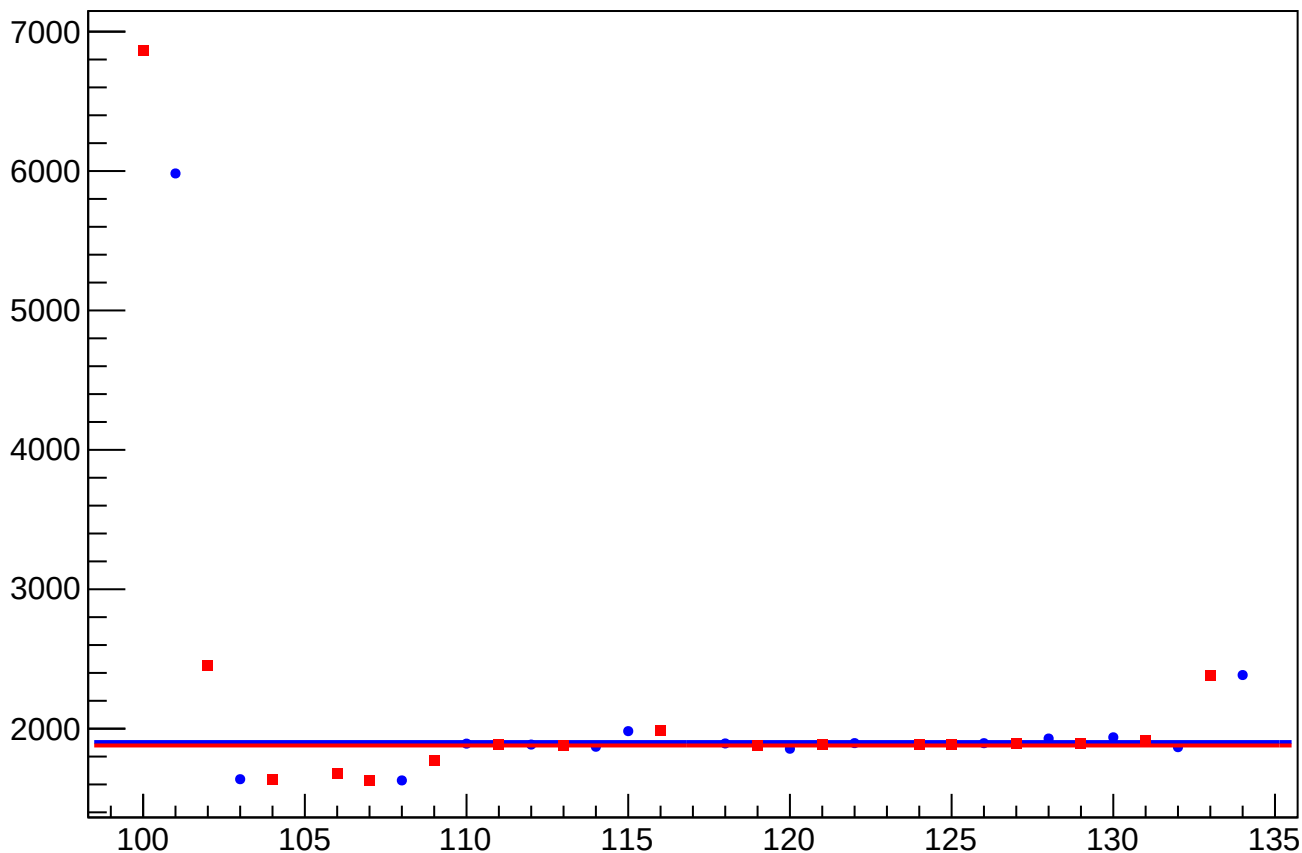
Right: -449.935+/-536.238 χ^2/NDF : 24.4/31

In: -1216.036+/-776.996 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.935+/-536.238 χ^2/NDF : 24.4/31

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1903.913+/-0.549 χ^2/NDF : 696873.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1879.505+/-0.523 χ^2/NDF : 216361.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

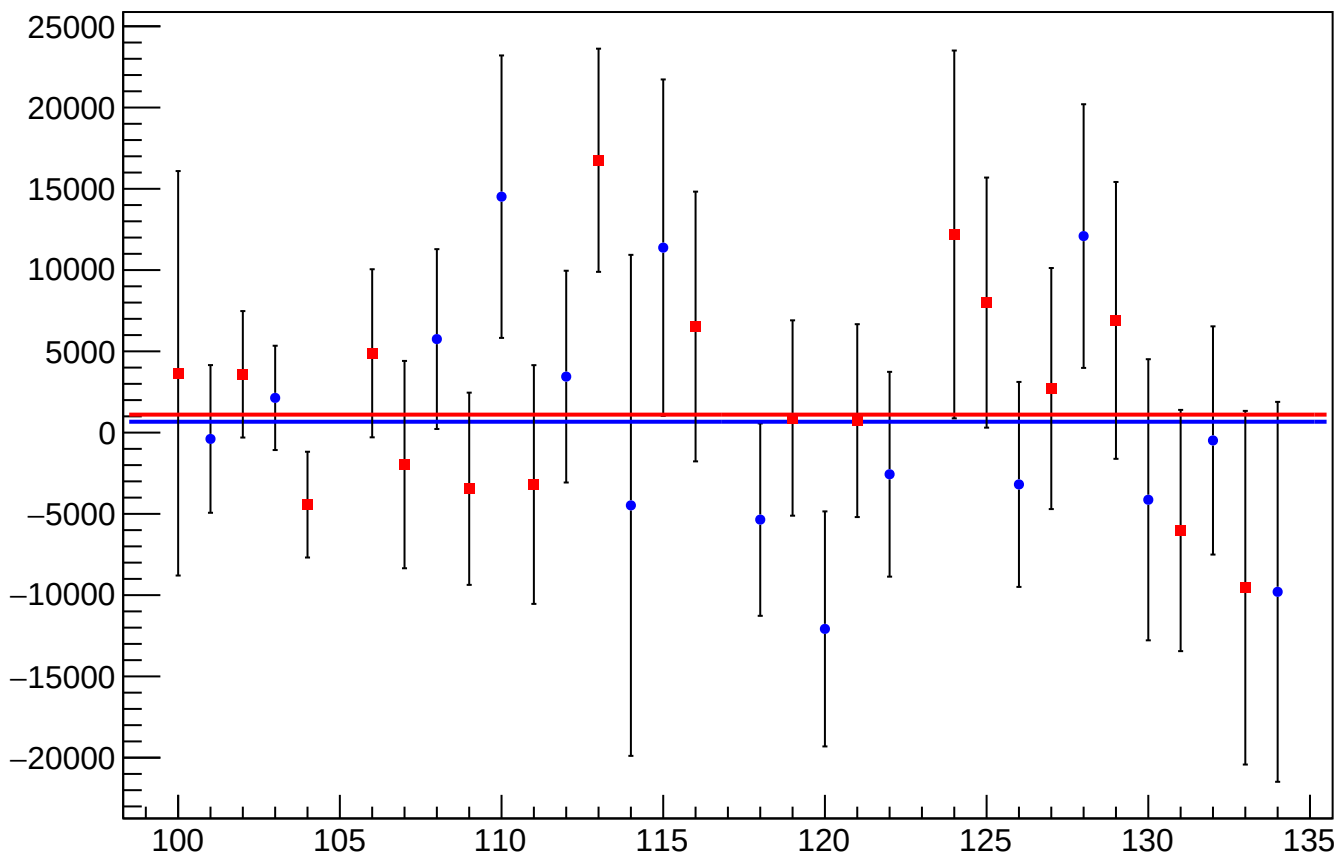
Right: 1891.110+/-0.379 χ^2/NDF : 914270.6/31

In: 1903.913+/-0.549 χ^2/NDF : 696873.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.110+/-0.379 χ^2/NDF : 914270.6/31

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 668.746 $\pm$ 1616.323 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1106.200 $\pm$ 1488.758 χ^2 /NDF: 14.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

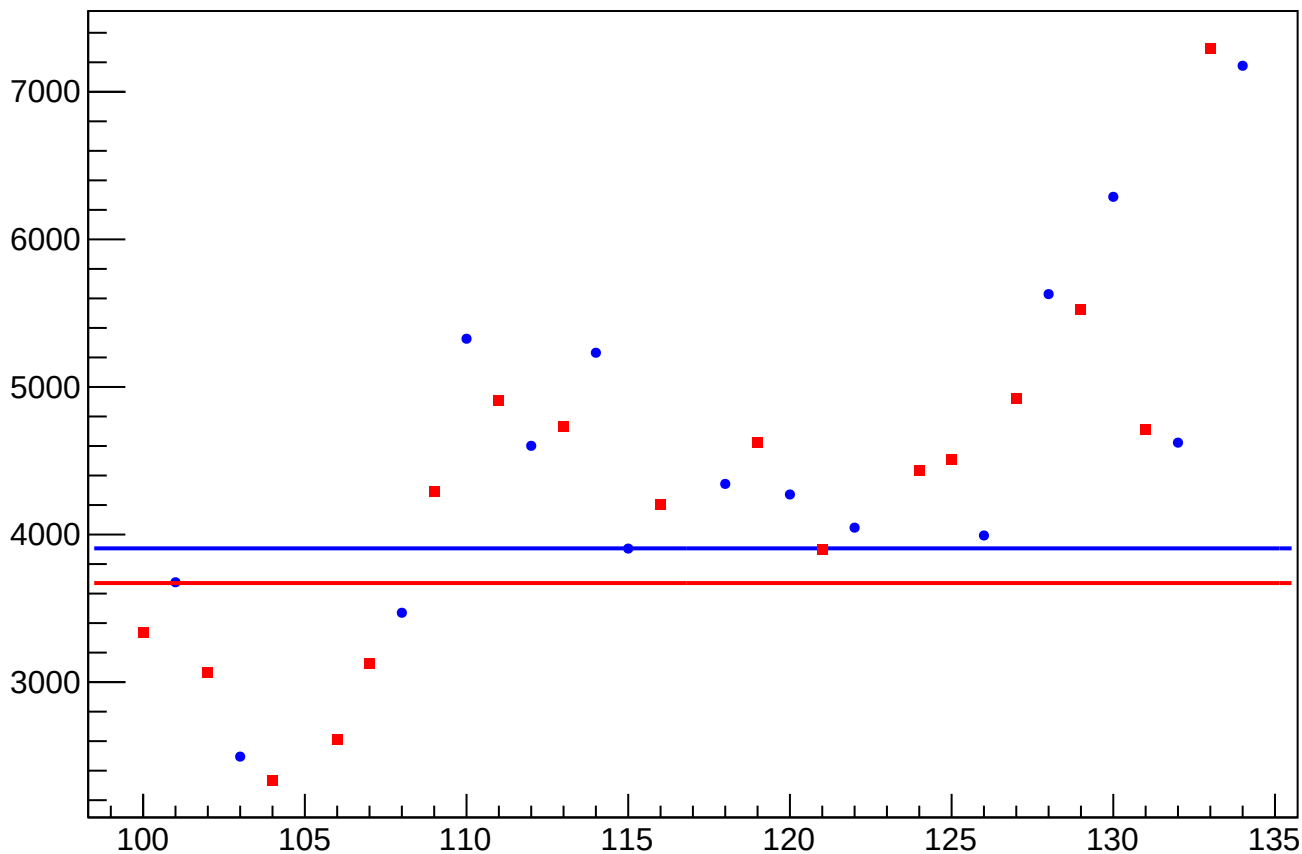
Right: 905.414 $\pm$ 1095.036 χ^2 /NDF: 27.8/31

In: 668.746 $\pm$ 1616.323 χ^2 /NDF:12.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 905.414 $\pm$ 1095.036 χ^2 /NDF: 27.8/31

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3906.371+/-1.143 χ^2/NDF : 932062.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3671.244+/-1.053 χ^2/NDF : 1119715.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

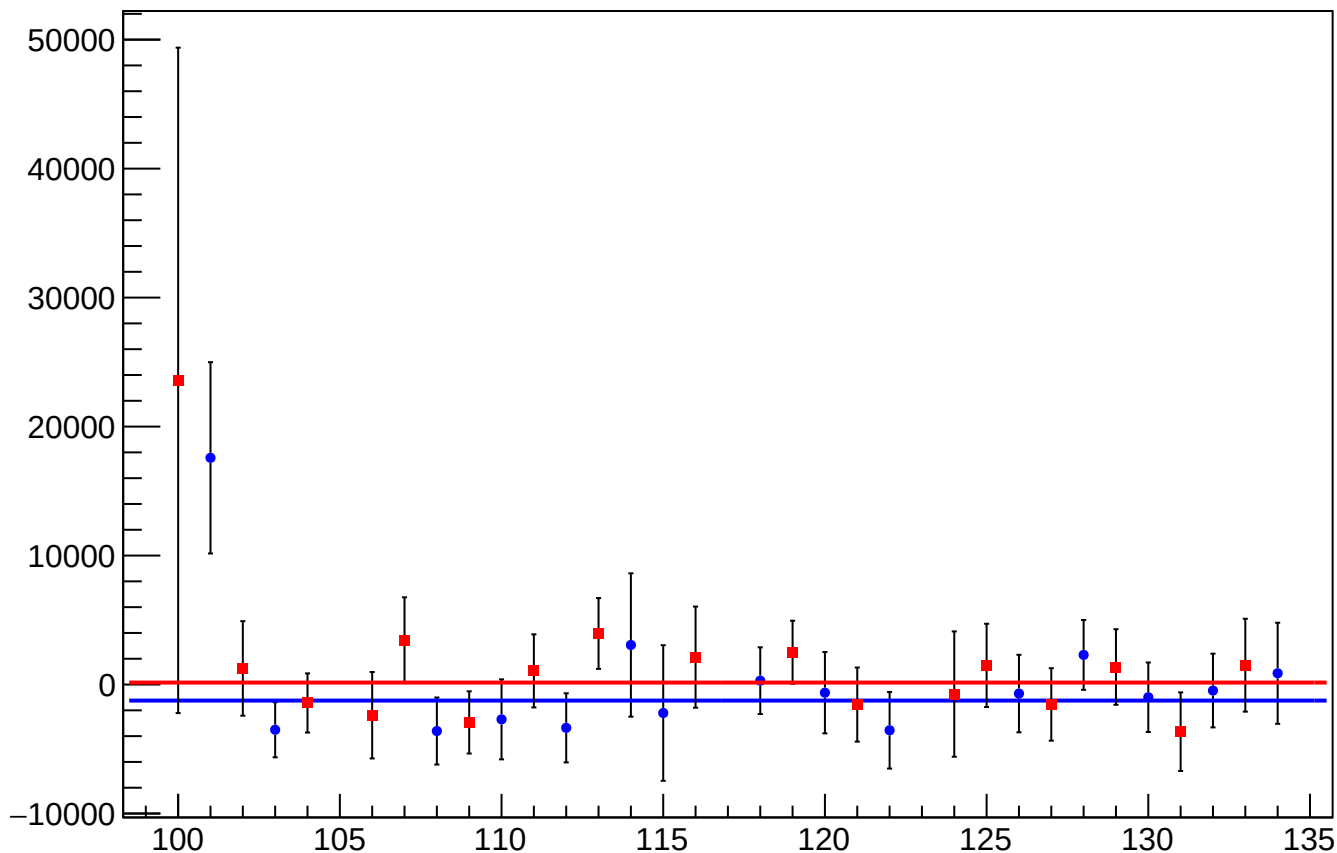
Right: 3779.164+/-0.774 χ^2/NDF : 2074675.1/31

In: 3906.371+/-1.143 χ^2/NDF : 932062.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3779.164+/-0.774 χ^2/NDF : 2074675.1/31

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1242.753+/-782.474 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.492+/-746.343 χ^2/NDF : 10.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

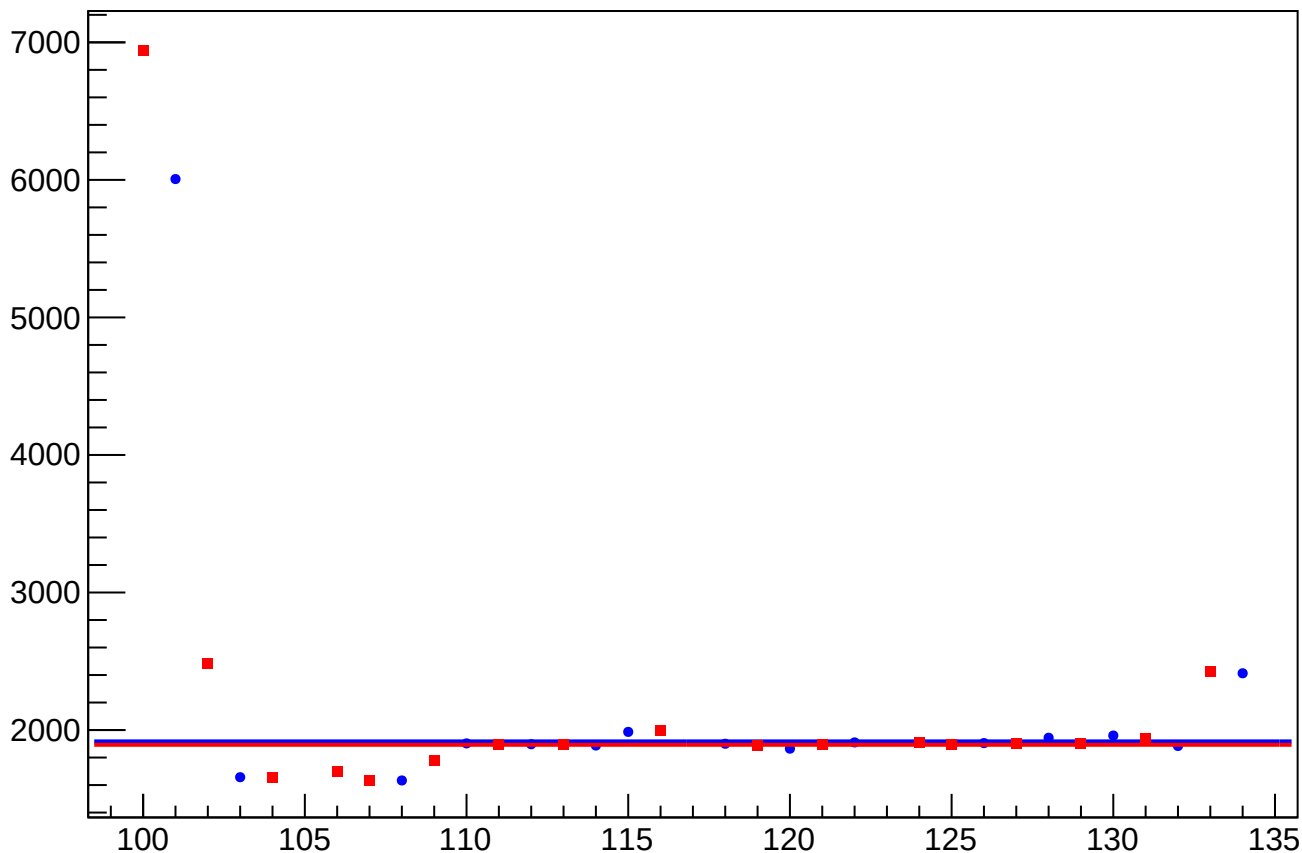
Right: -511.651+/-540.066 χ^2/NDF : 25.2/31

In: -1242.753+/-782.474 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.651+/-540.066 χ^2/NDF : 25.2/31

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1917.423+/-0.553 χ^2/NDF : 695598.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.749+/-0.527 χ^2/NDF : 219538.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

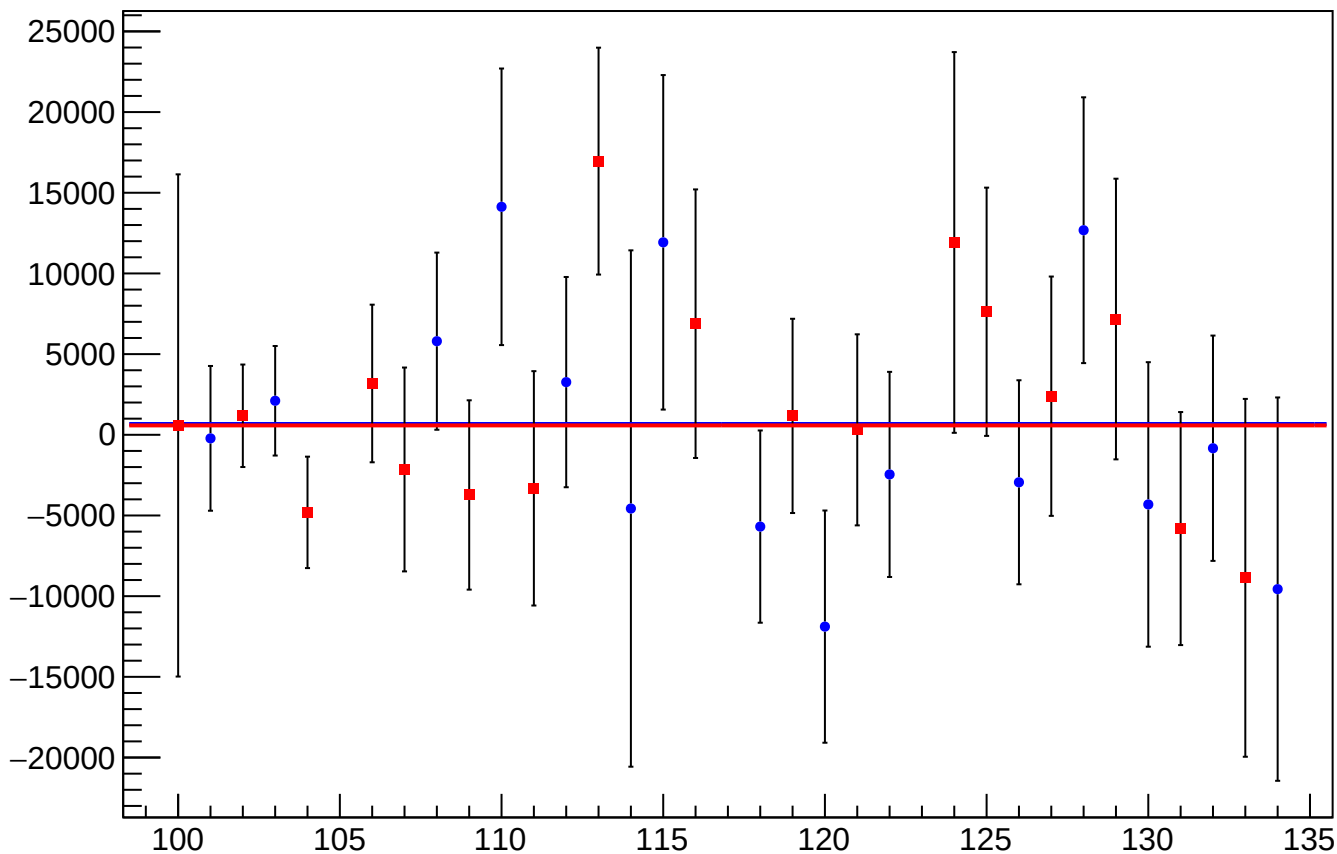
Right: 1904.489+/-0.382 χ^2/NDF : 916179.3/31

In: 1917.423+/-0.553 χ^2/NDF : 695598.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.489+/-0.382 χ^2/NDF : 916179.3/31

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 669.278+/-1638.397 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.597+/-1449.777 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

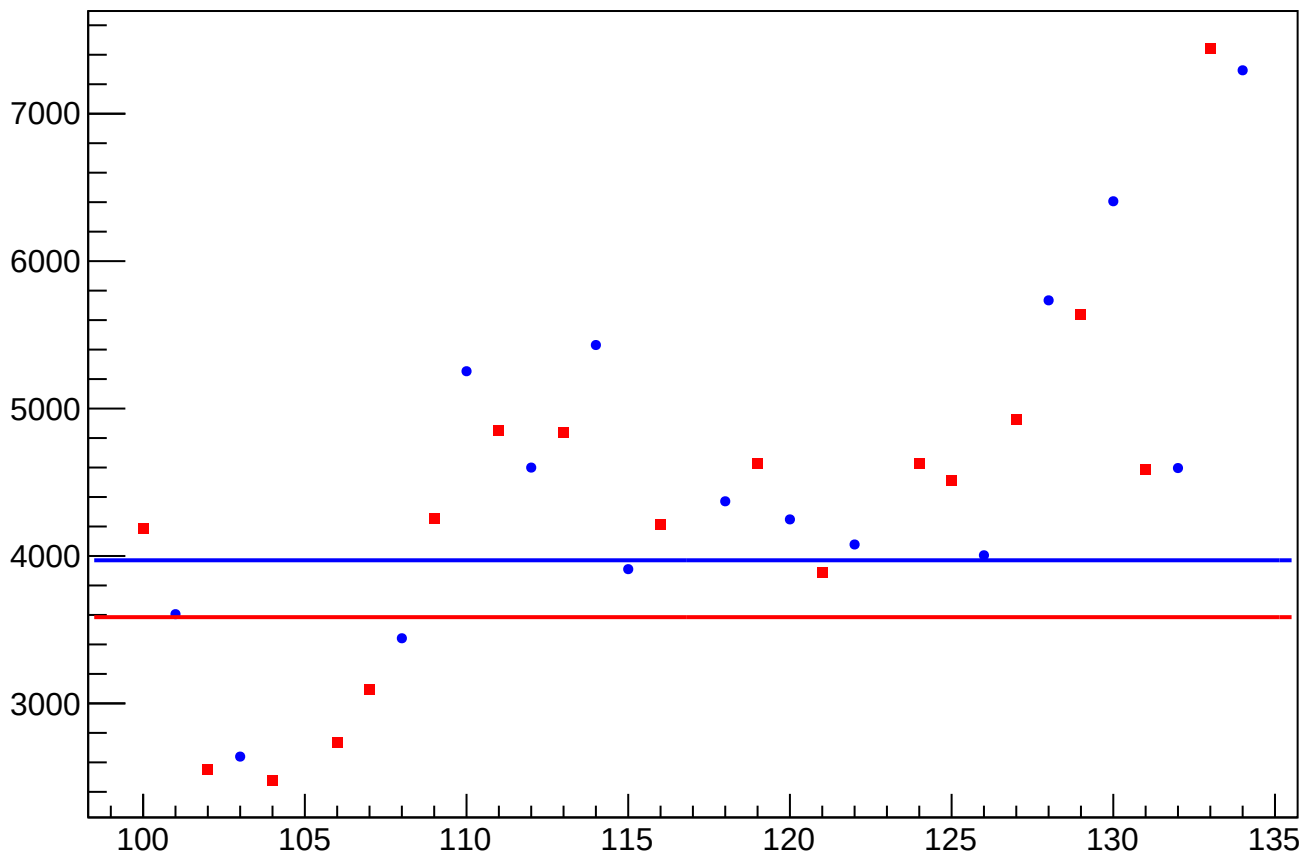
Right: 620.663+/-1085.738 χ^2/NDF : 26.7/31

In: 669.278+/-1638.397 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.663+/-1085.738 χ^2/NDF : 26.7/31

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3970.815+/-1.159 χ^2/NDF : 849337.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3585.041+/-1.025 χ^2/NDF : 1221572.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

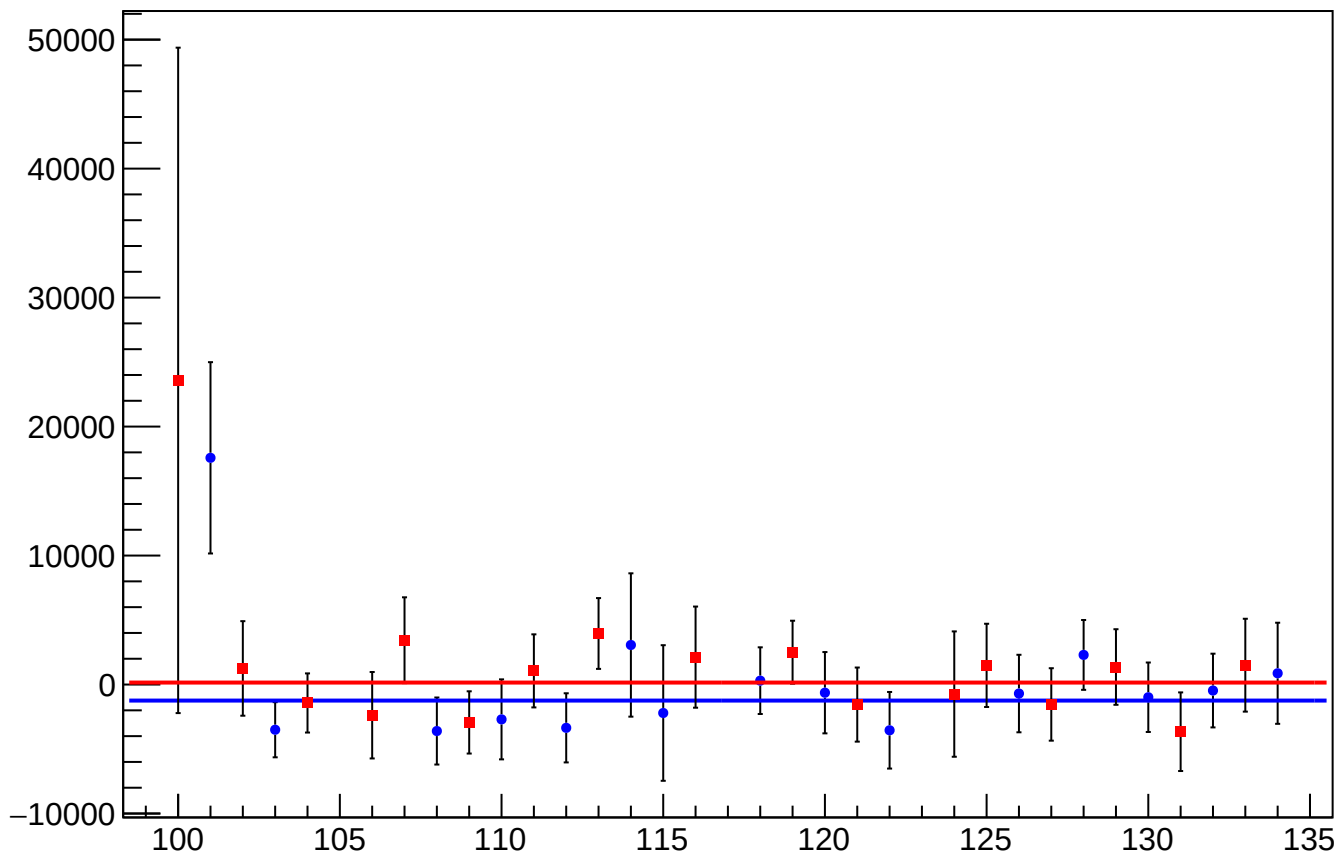
Right: 3754.453+/-0.768 χ^2/NDF : 2133097.0/31

In: 3970.815+/-1.159 χ^2/NDF : 849337.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3754.453+/-0.768 χ^2/NDF : 2133097.0/31

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1242.752+/-782.474 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.487+/-746.343 χ^2/NDF : 10.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

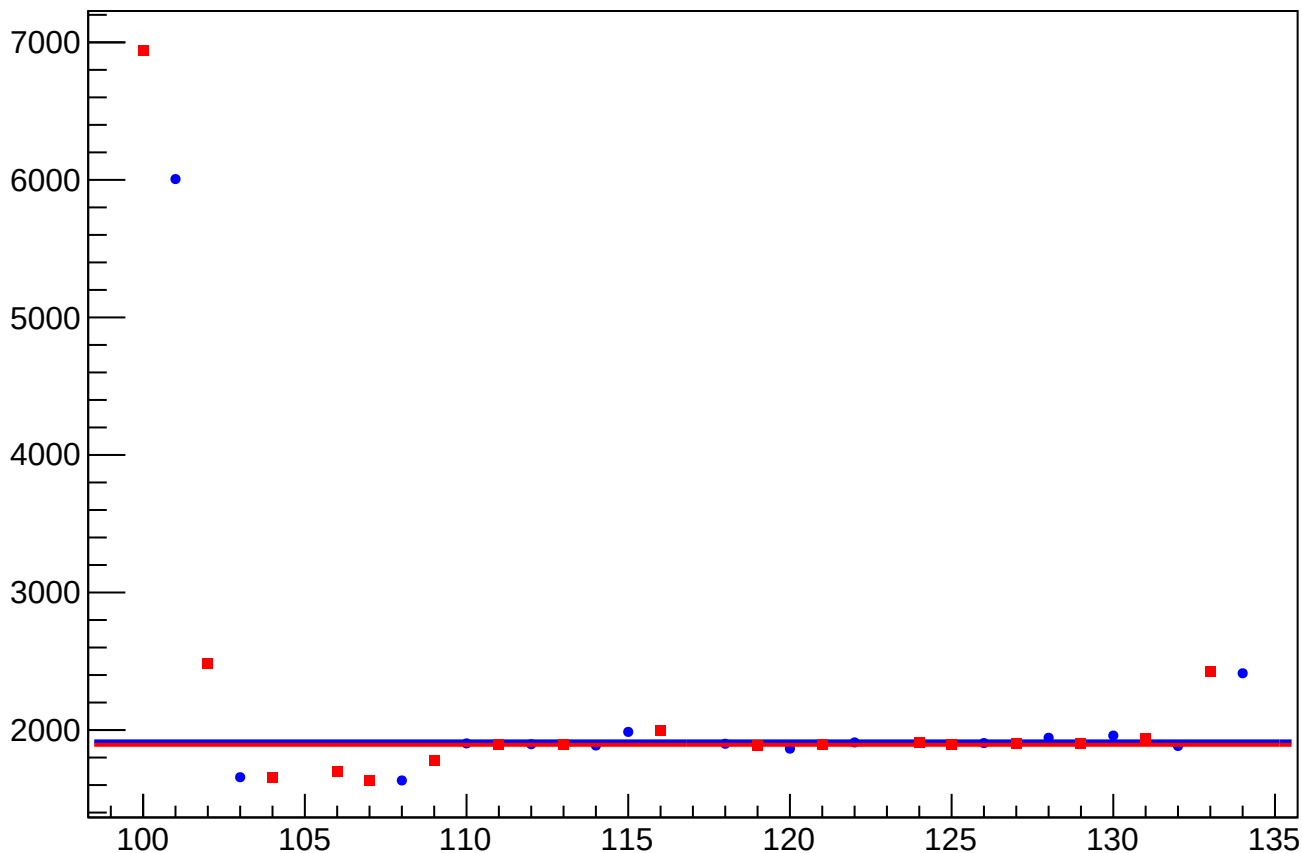
Right: -511.653+/-540.066 χ^2/NDF : 25.2/31

In: -1242.752+/-782.474 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.653+/-540.066 χ^2/NDF : 25.2/31

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1917.422+/-0.553 χ^2/NDF : 695598.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.749+/-0.527 χ^2/NDF : 219538.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

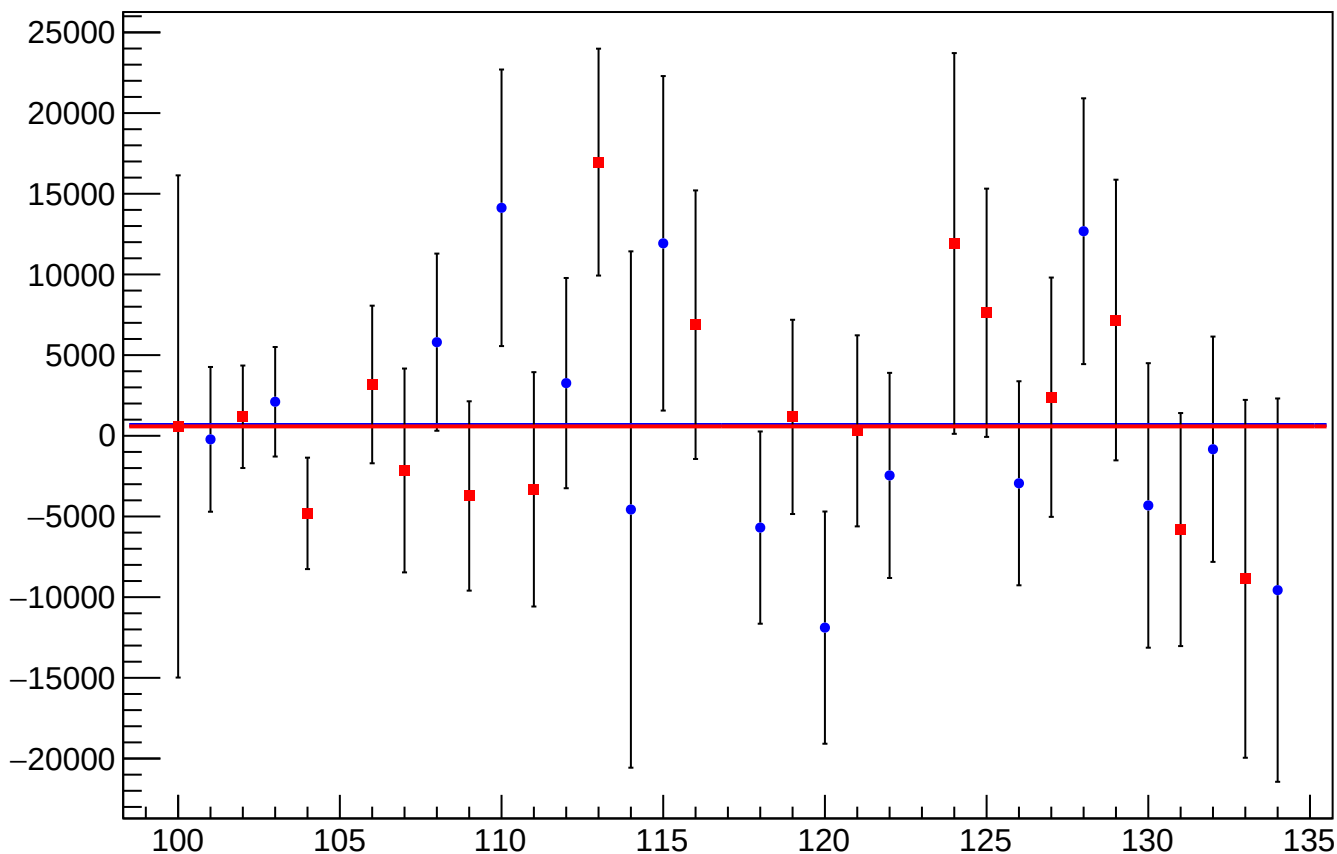
Right: 1904.488+/-0.382 χ^2/NDF : 916179.2/31

In: 1917.422+/-0.553 χ^2/NDF : 695598.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.488+/-0.382 χ^2/NDF : 916179.2/31

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 669.275+/-1638.394 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.596+/-1449.775 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

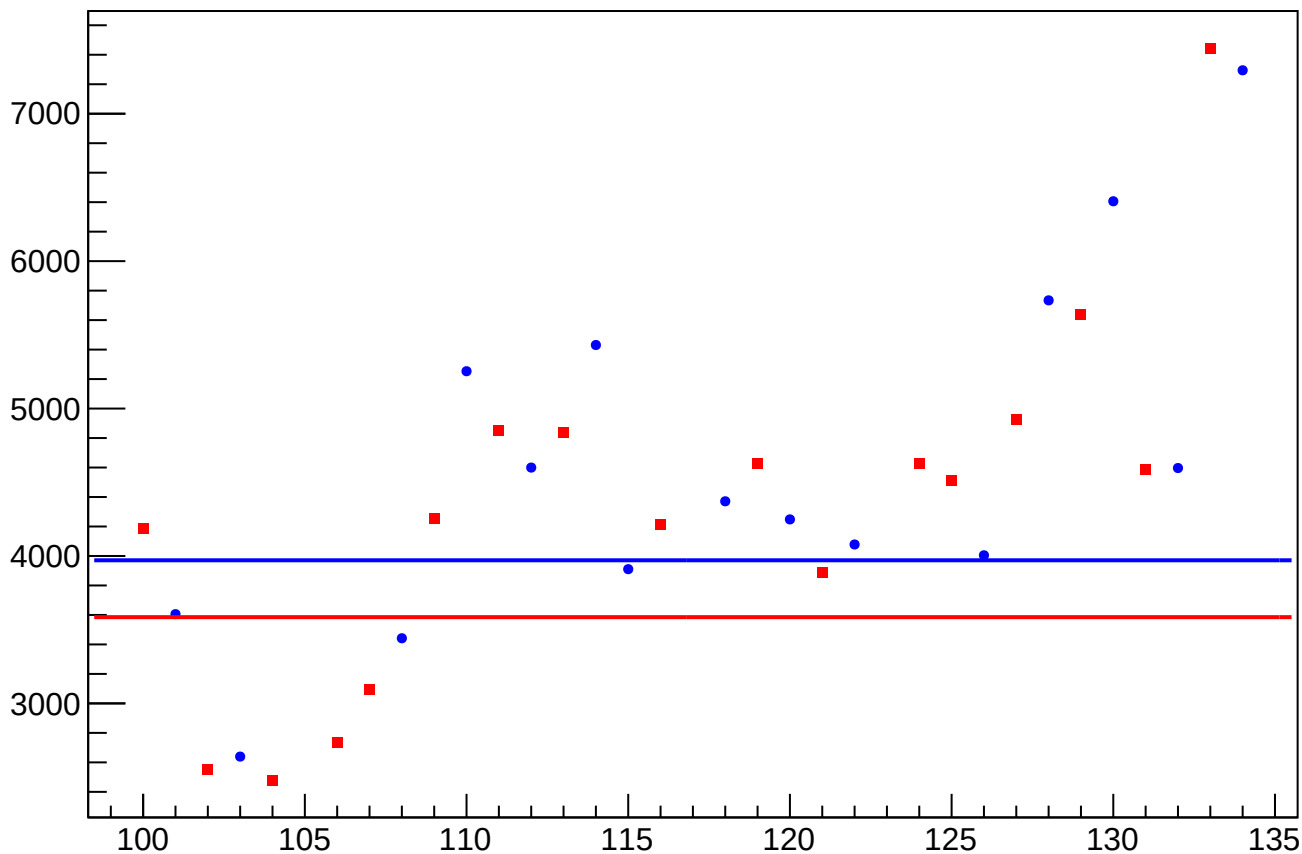
Right: 620.661+/-1085.736 χ^2/NDF : 26.7/31

In: 669.275+/-1638.394 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.661+/-1085.736 χ^2/NDF : 26.7/31

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3970.809+/-1.159 χ^2/NDF : 849330.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3585.036+/-1.025 χ^2/NDF : 1221563.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

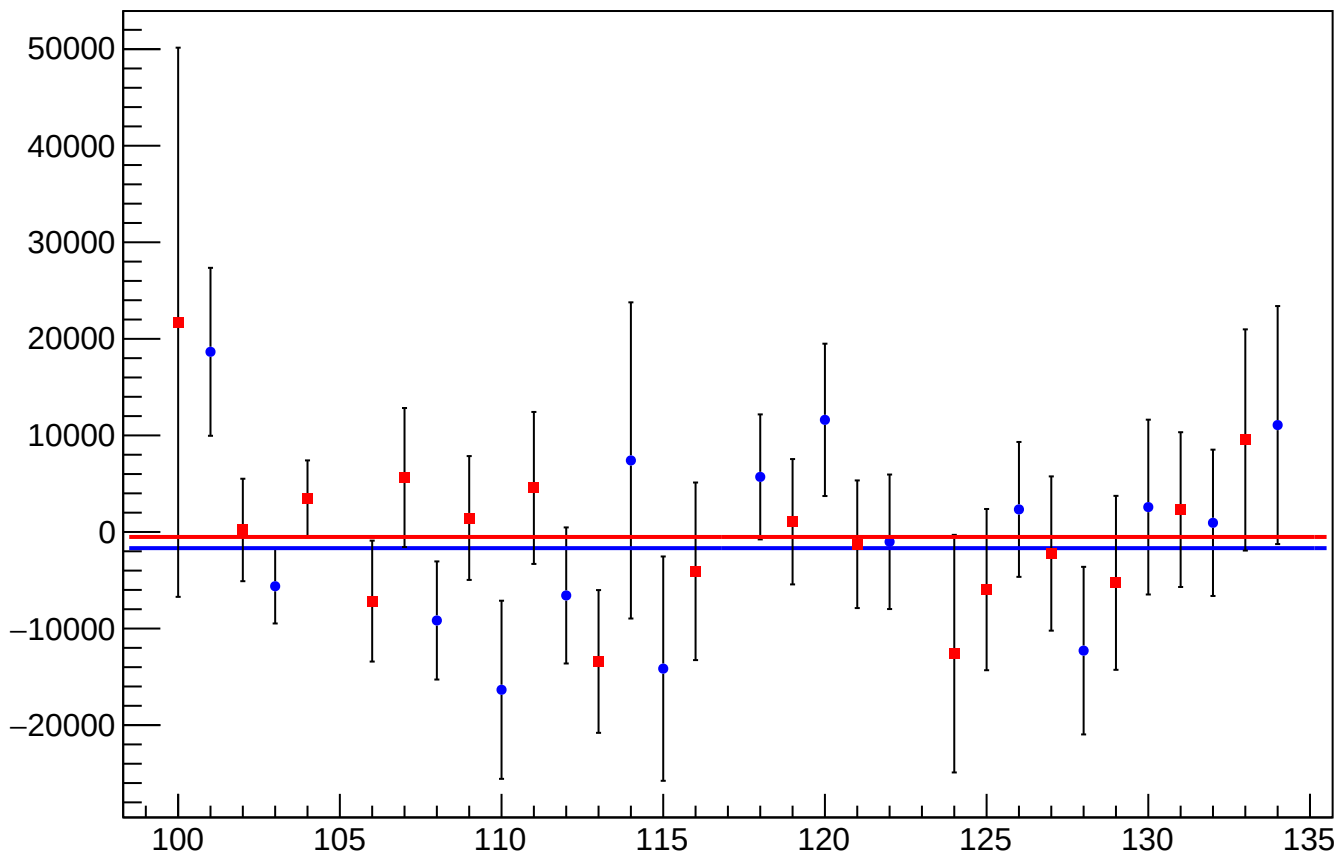
Right: 3754.448+/-0.768 χ^2/NDF : 2133081.6/31

In: 3970.809+/-1.159 χ^2/NDF : 849330.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3754.448+/-0.768 χ^2/NDF : 2133081.6/31

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1673.847 ± 1887.326 χ^2/NDF : 19.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -515.836 ± 1730.492 χ^2/NDF : 9.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

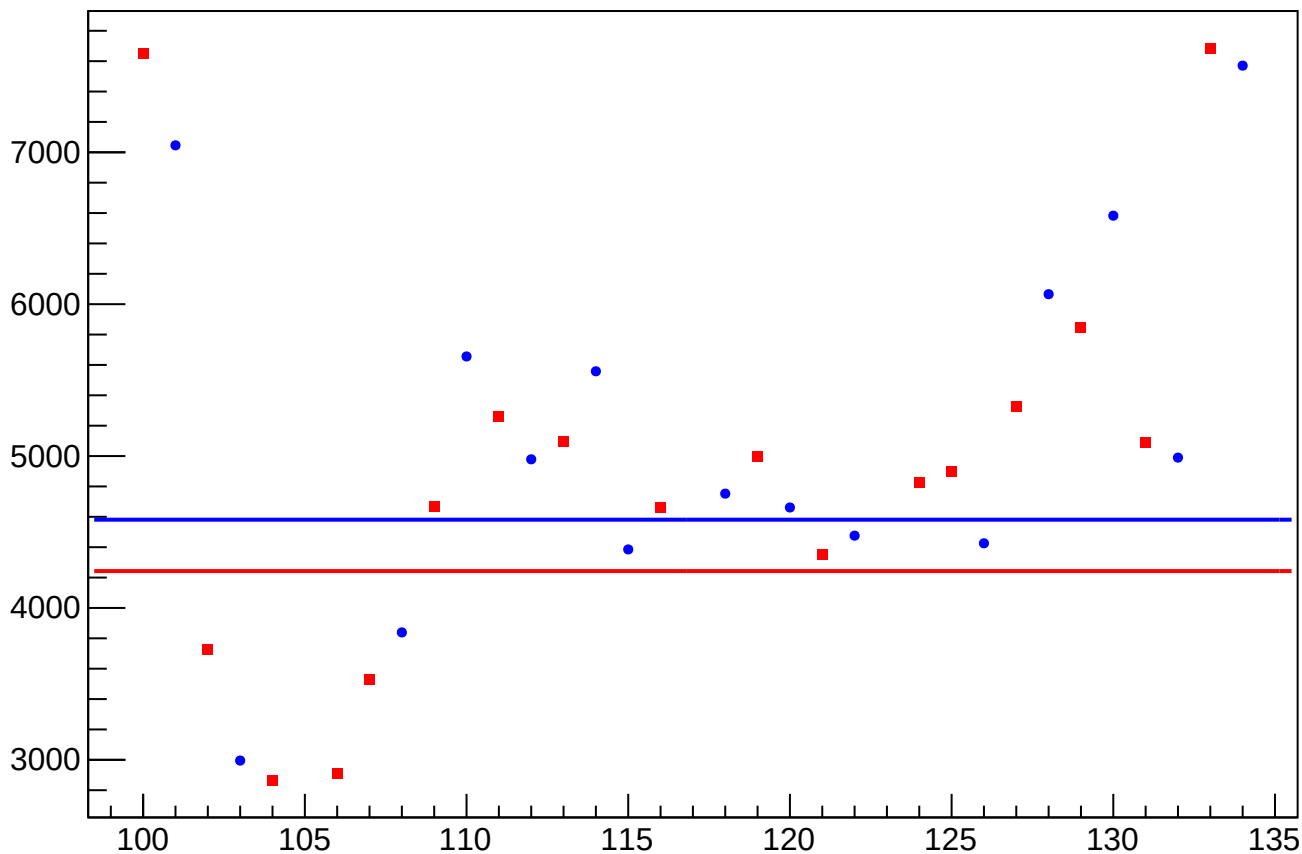
Right: -1044.735 ± 1275.490 χ^2/NDF : 29.9/31

In: -1673.847 ± 1887.326 χ^2/NDF : 19.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1044.735 ± 1275.490 χ^2/NDF : 29.9/31

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4581.091+/-1.335 χ^2/NDF : 852244.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4242.776+/-1.212 χ^2/NDF : 838957.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

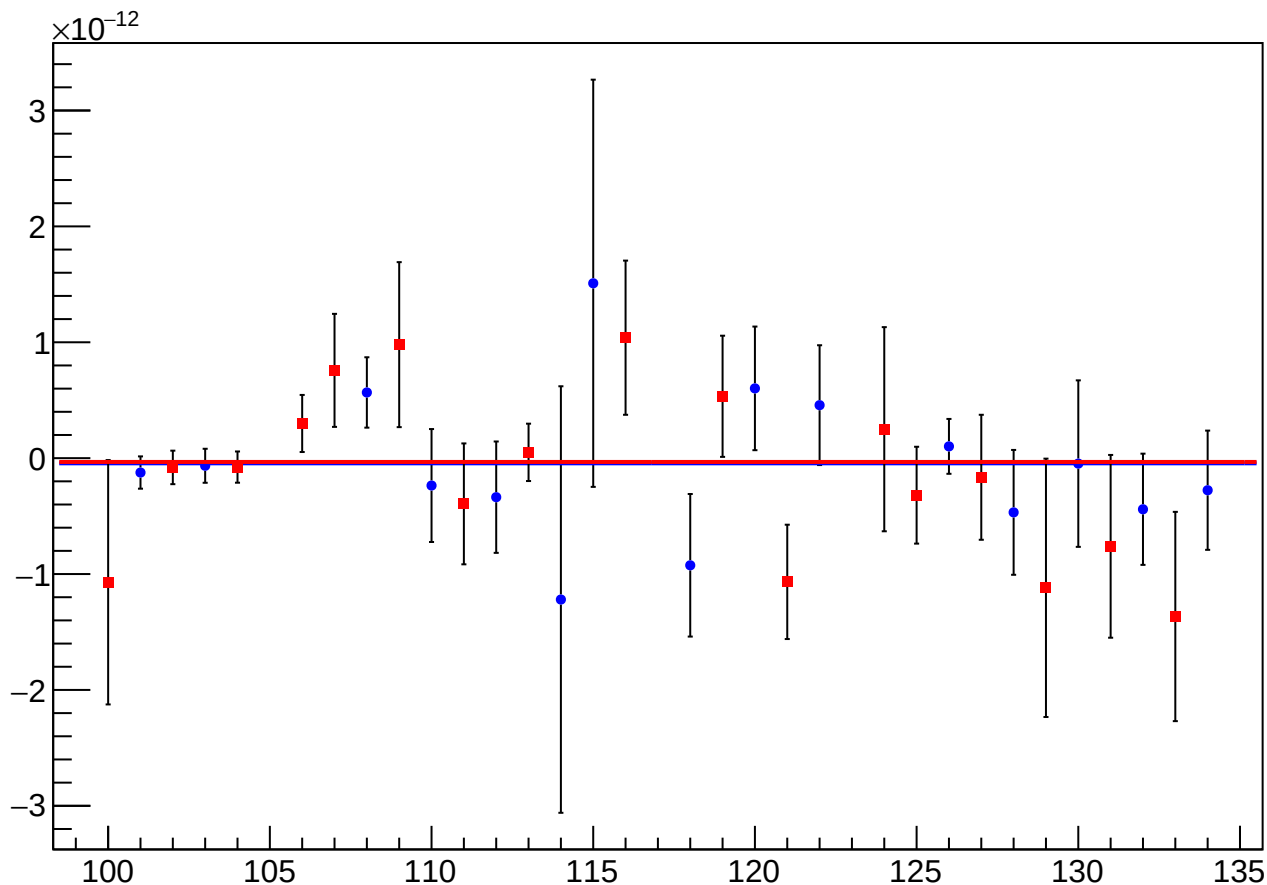
Right: 4395.734+/-0.897 χ^2/NDF : 1726412.0/31

In: 4581.091+/-1.335 χ^2/NDF : 852244.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4395.734+/-0.897 χ^2/NDF : 1726412.0/31

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

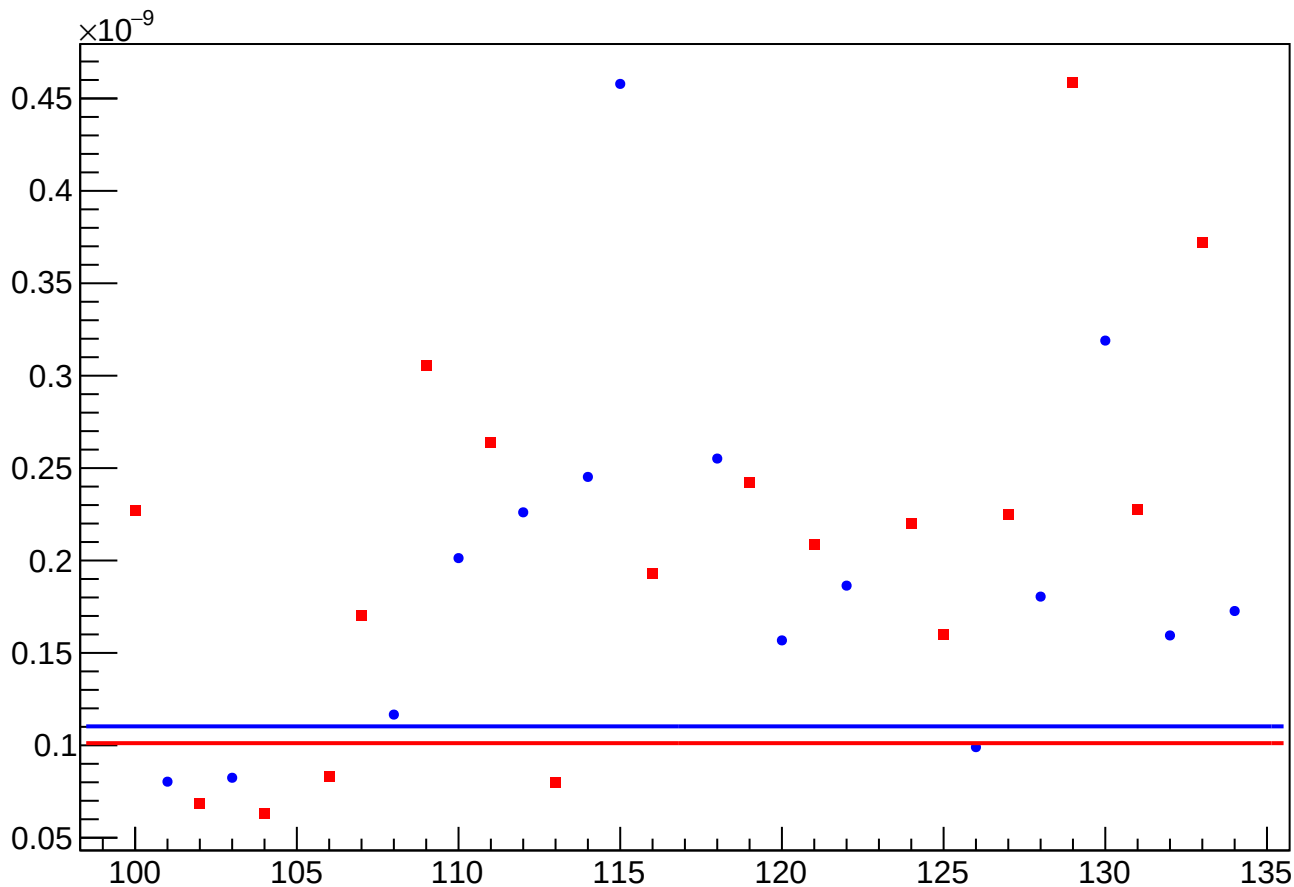
Right: -0.000+/-0.000 χ^2/NDF : 33.5/31

In: -0.000+/-0.000 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.5/31

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 867370.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1613585.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

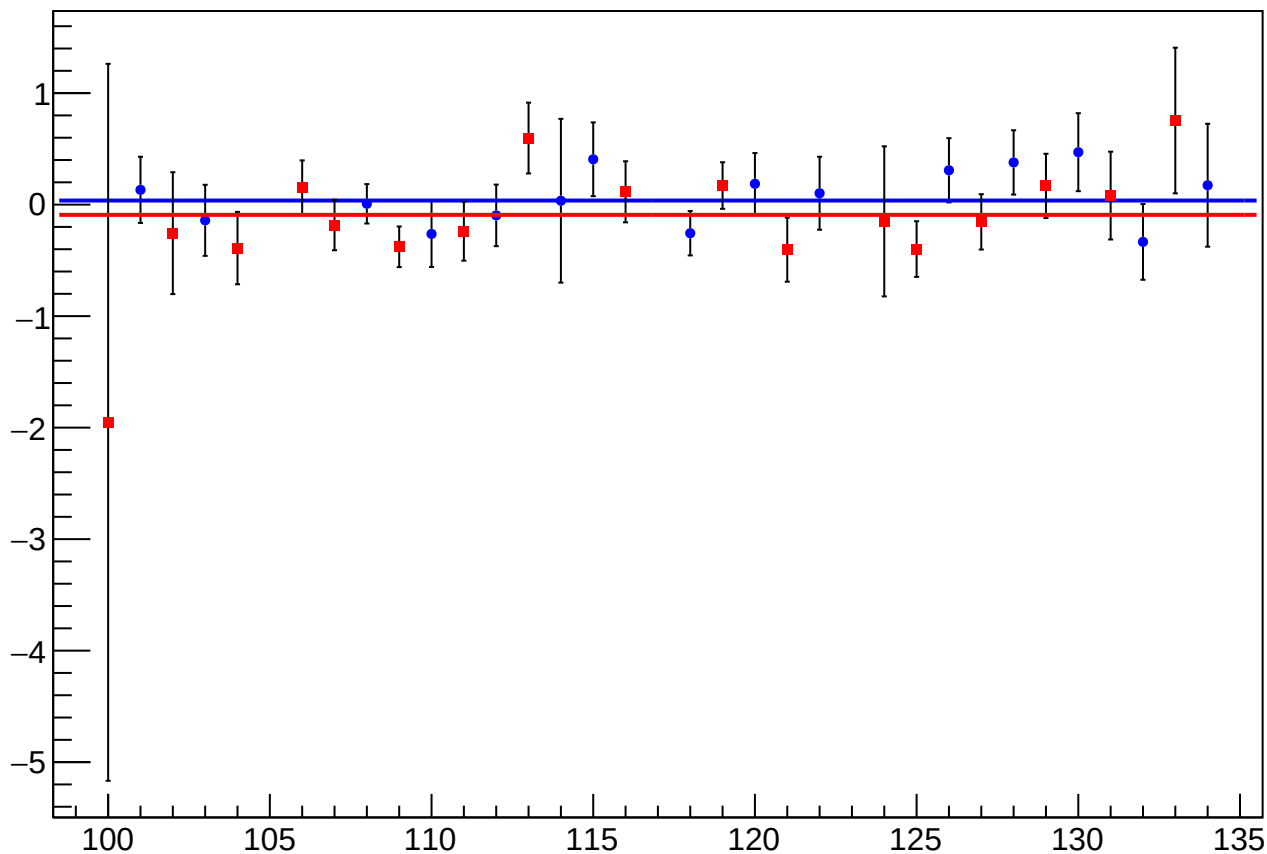
Right: 0.000+/-0.000 χ^2/NDF : 2494560.3/31

In: 0.000+/-0.000 χ^2/NDF : 867370.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2494560.3/31

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 10.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.092 $\pm$ 0.069 χ^2 /NDF: 17.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

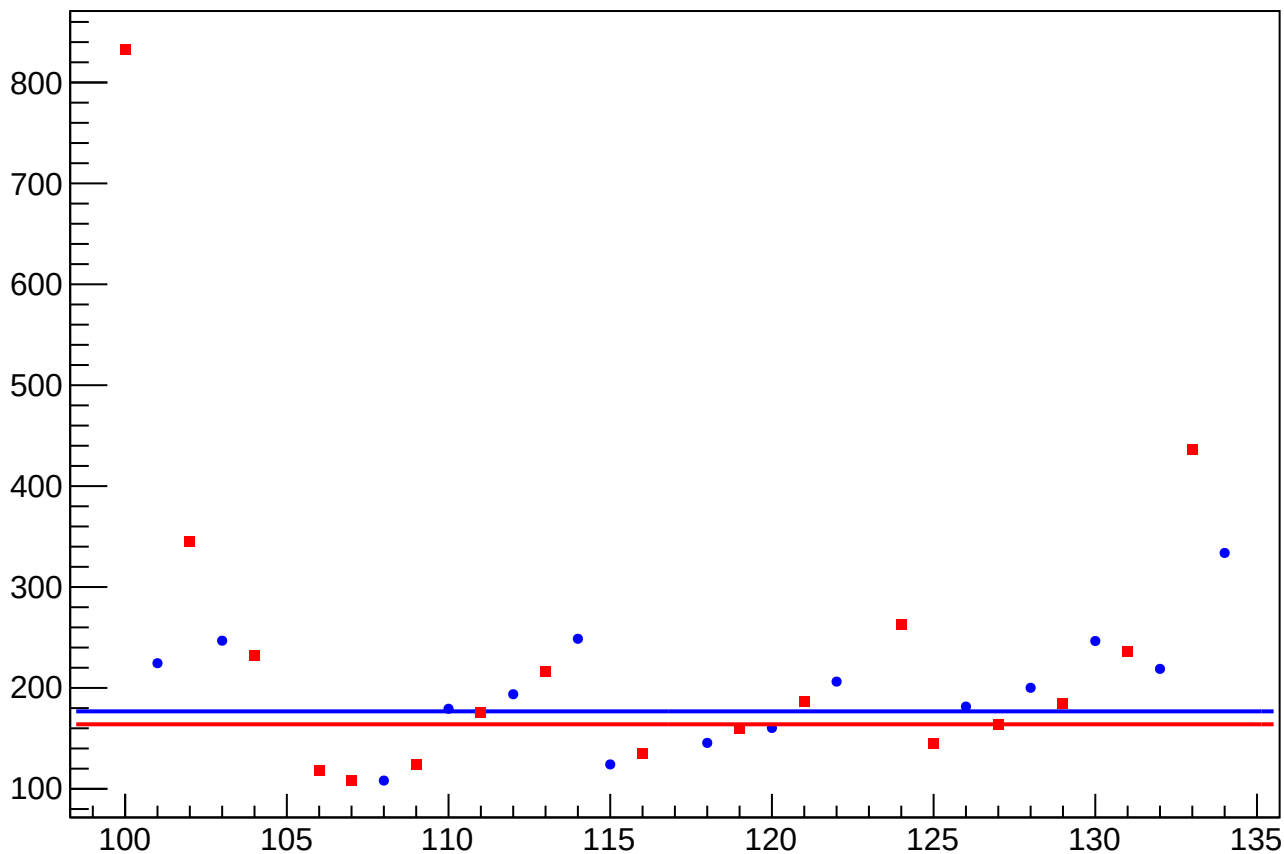
Right: -0.032 $\pm$ 0.051 χ^2 /NDF: 29.6/31

In: 0.037 $\pm$ 0.074 χ^2 /NDF:10.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.051 χ^2 /NDF: 29.6/31

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 176.794 $\pm$ 0.053 χ^2 /NDF: 886057.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.956 $\pm$ 0.049 χ^2 /NDF: 1253869.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

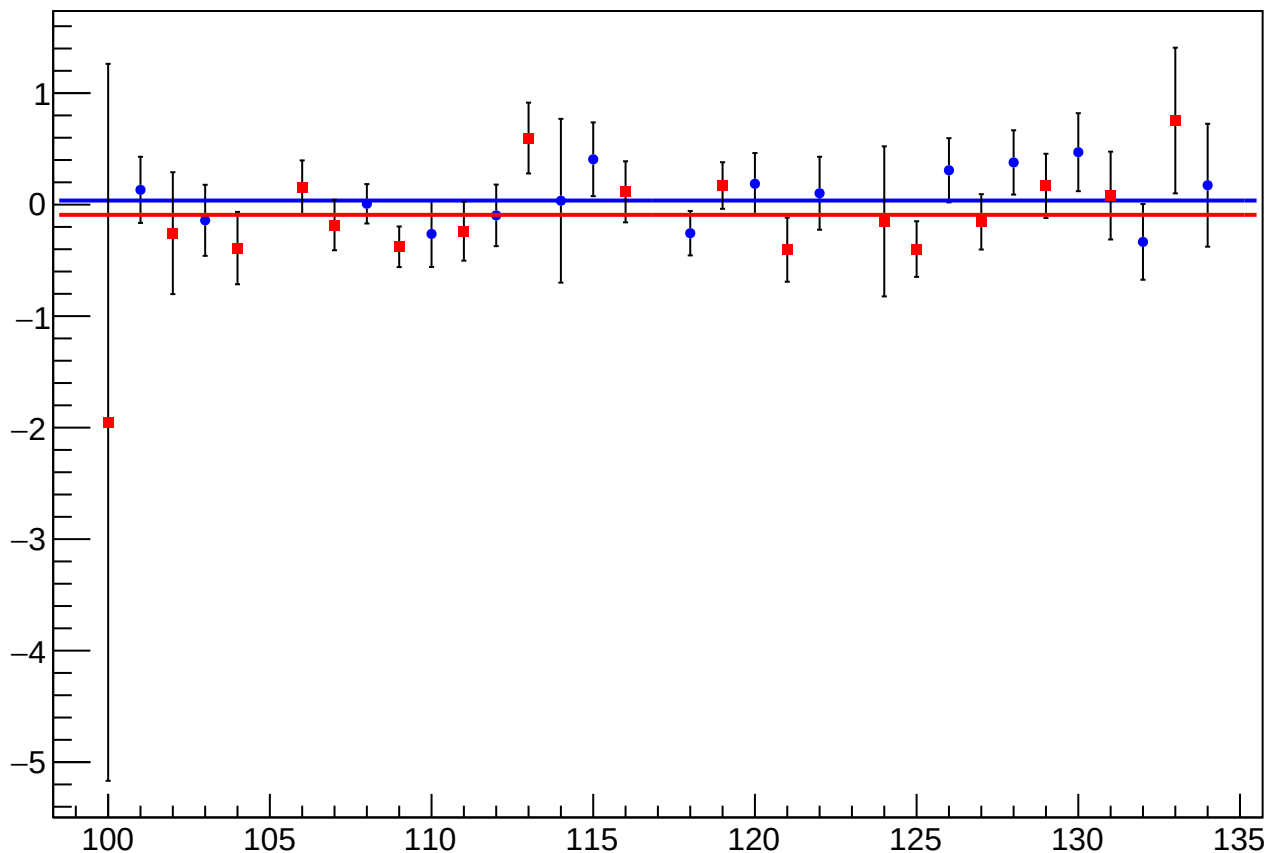
Right: 169.933 $\pm$ 0.036 χ^2 /NDF: 2171748.8/31

In: 176.794 $\pm$ 0.053 χ^2 /NDF:886057.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.933 $\pm$ 0.036 χ^2 /NDF: 2171748.8/31

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.092+/-0.069 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

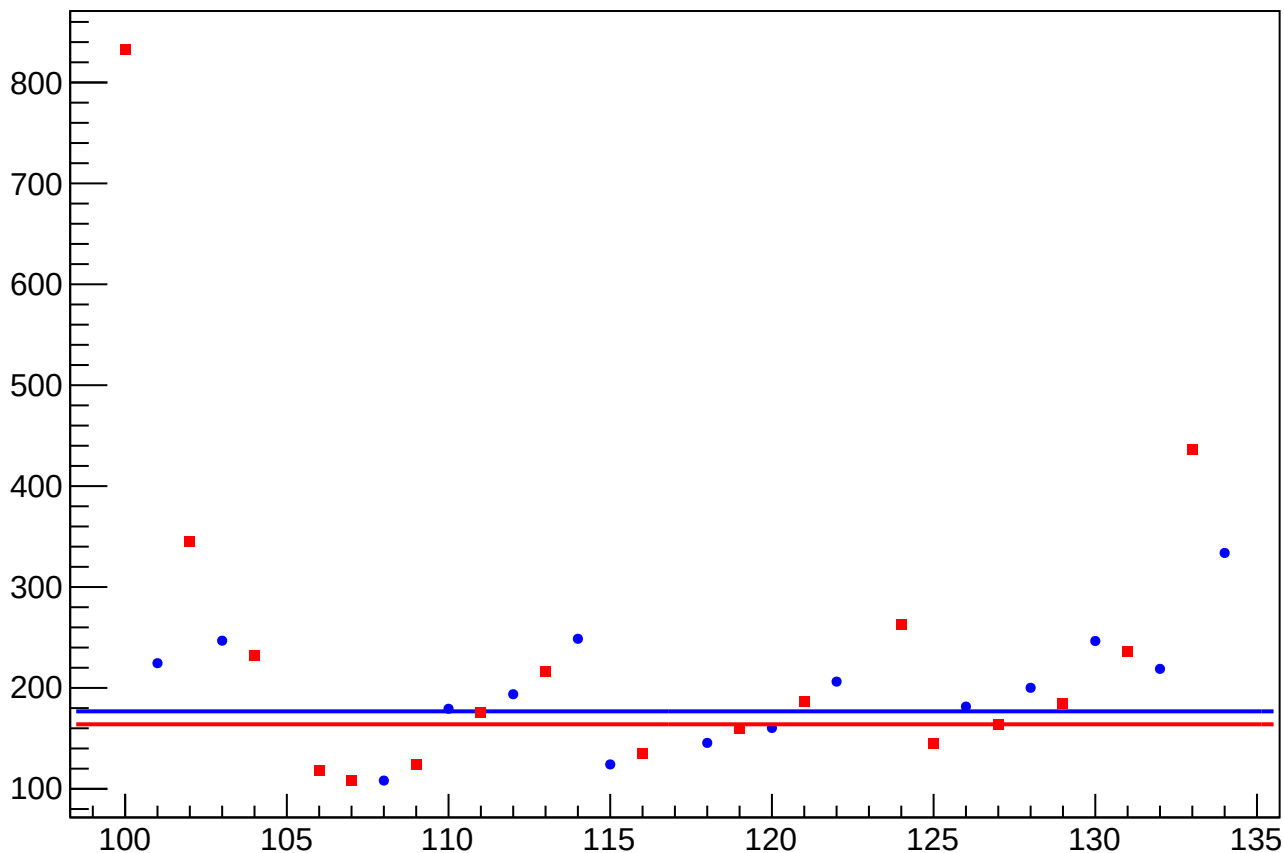
Right: -0.032+/-0.051 χ^2/NDF : 29.6/31

In: 0.037+/-0.074 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.051 χ^2/NDF : 29.6/31

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 176.794+/-0.053 χ^2/NDF : 886057.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.956+/-0.049 χ^2/NDF : 1253869.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

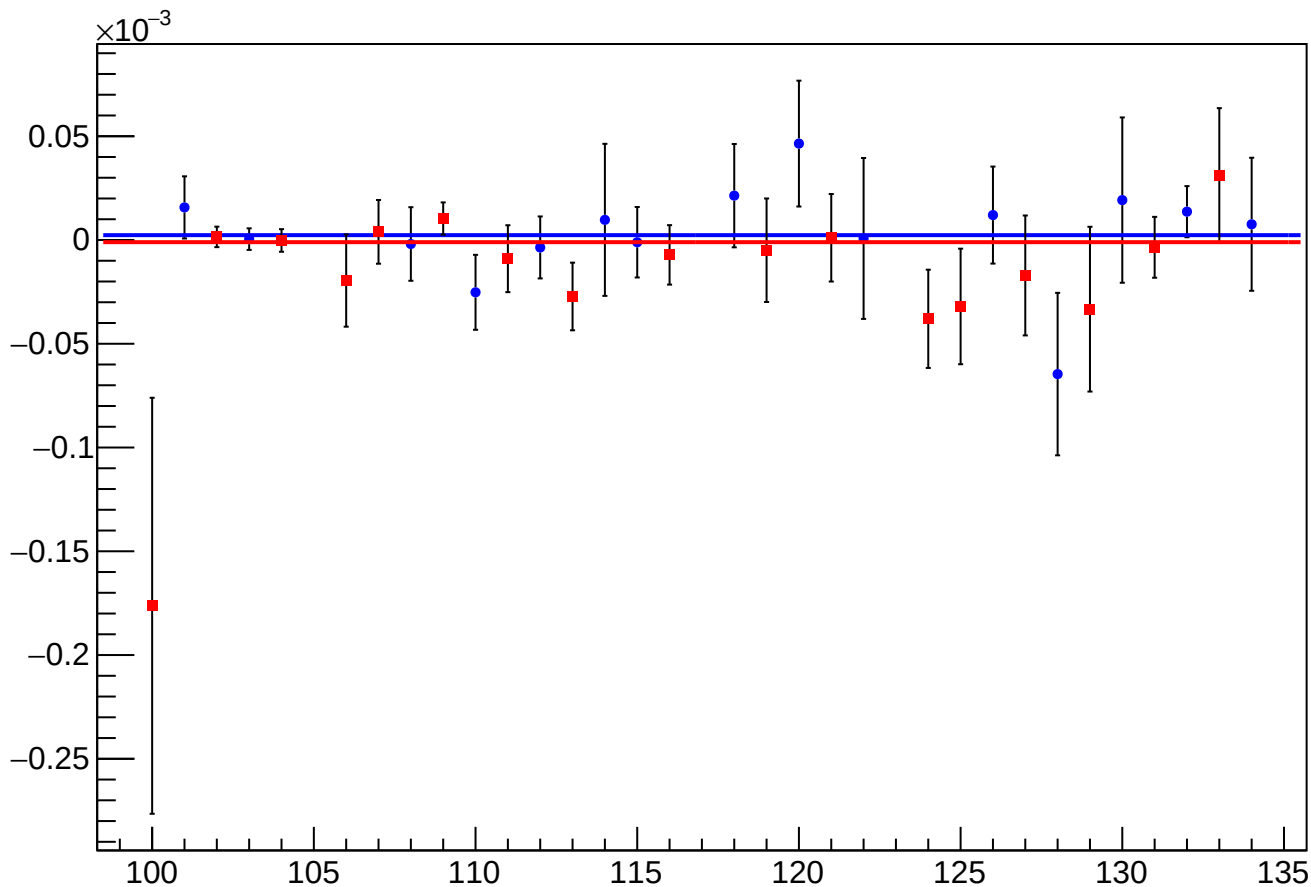
Right: 169.933+/-0.036 χ^2/NDF : 2171748.8/31

In: 176.794+/-0.053 χ^2/NDF : 886057.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.933+/-0.036 χ^2/NDF : 2171748.8/31

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

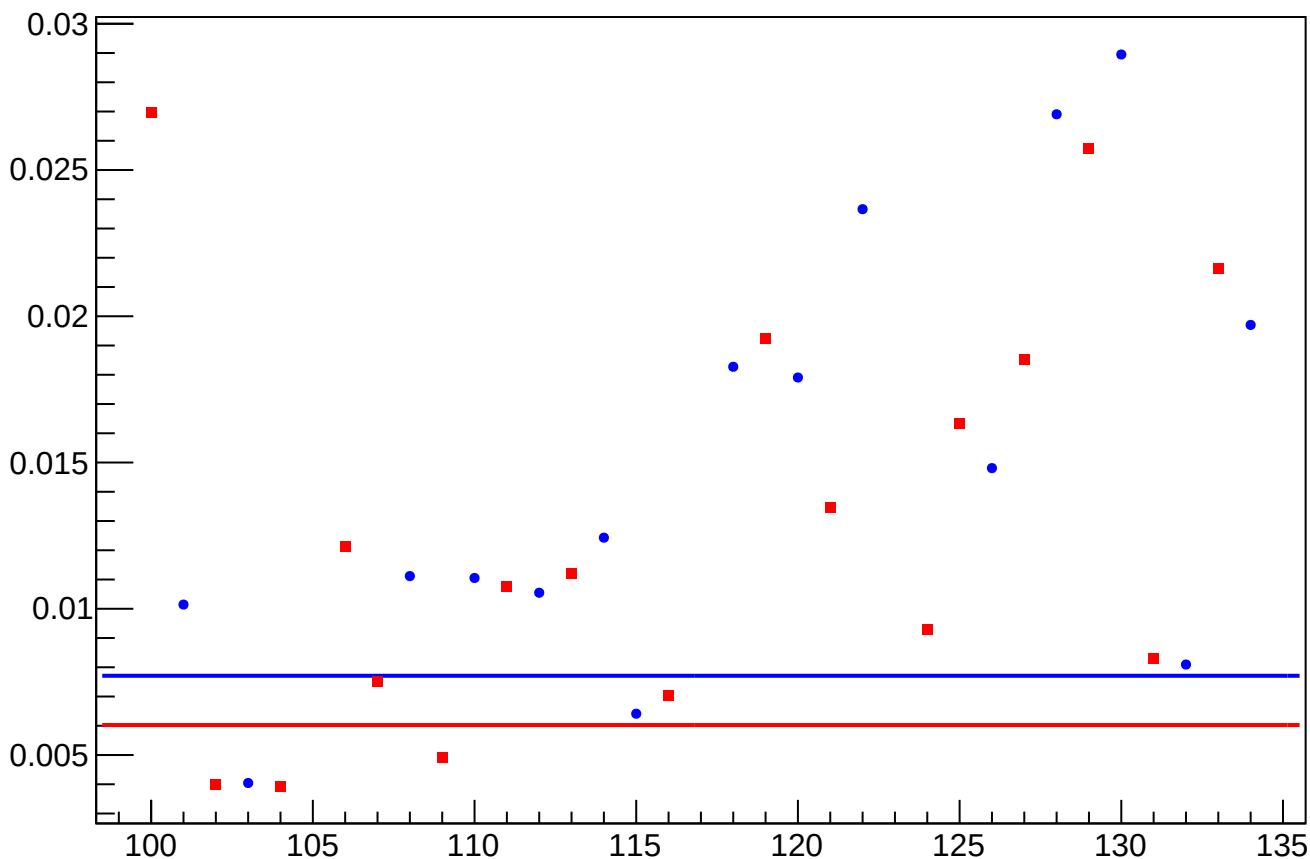
Right: 0.000+/-0.000 χ^2/NDF : 25.9/31

In: 0.000+/-0.000 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.9/31

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 3747077.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3833953.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

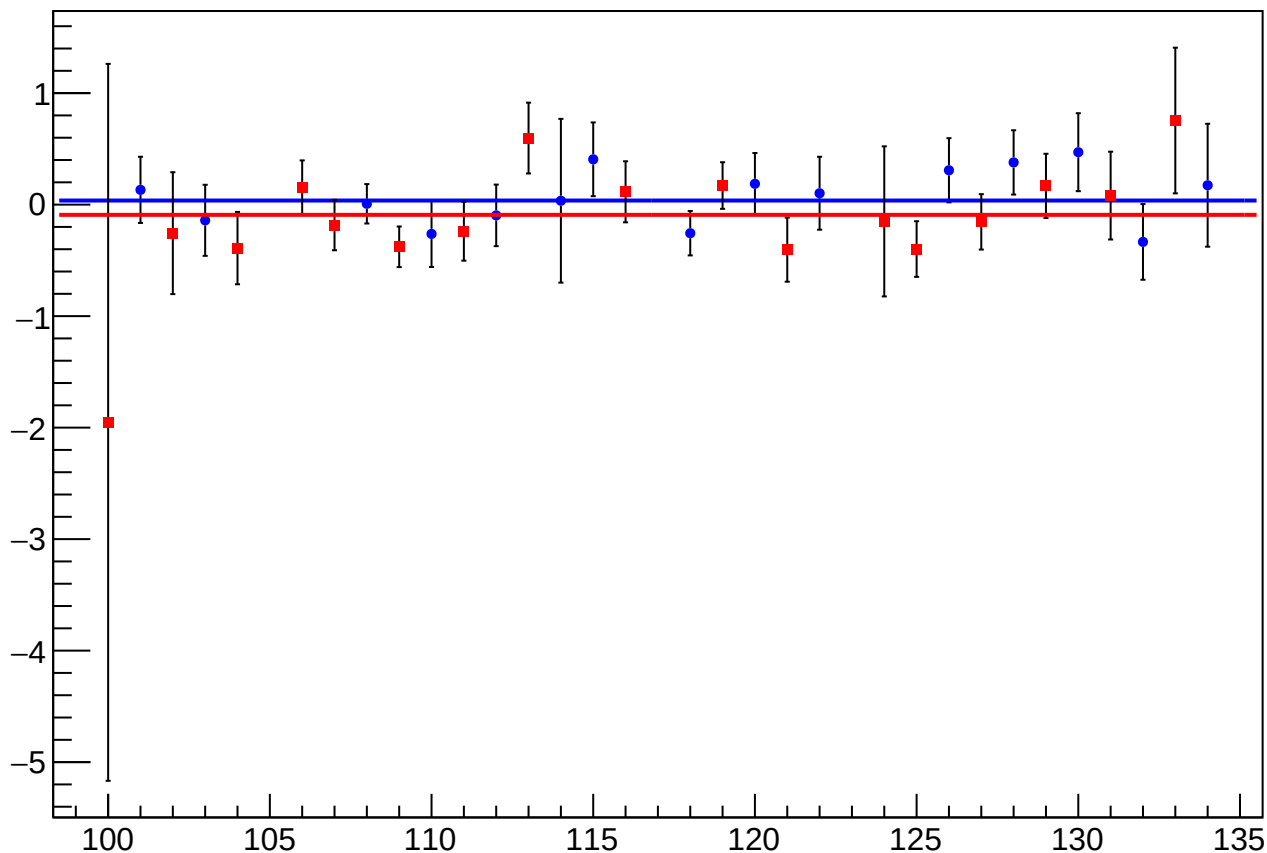
Right: 0.007+/-0.000 χ^2/NDF : 7836181.9/31

In: 0.008+/-0.000 χ^2/NDF : 3747077.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 7836181.9/31

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 10.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.092 $\pm$ 0.069 χ^2 /NDF: 17.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

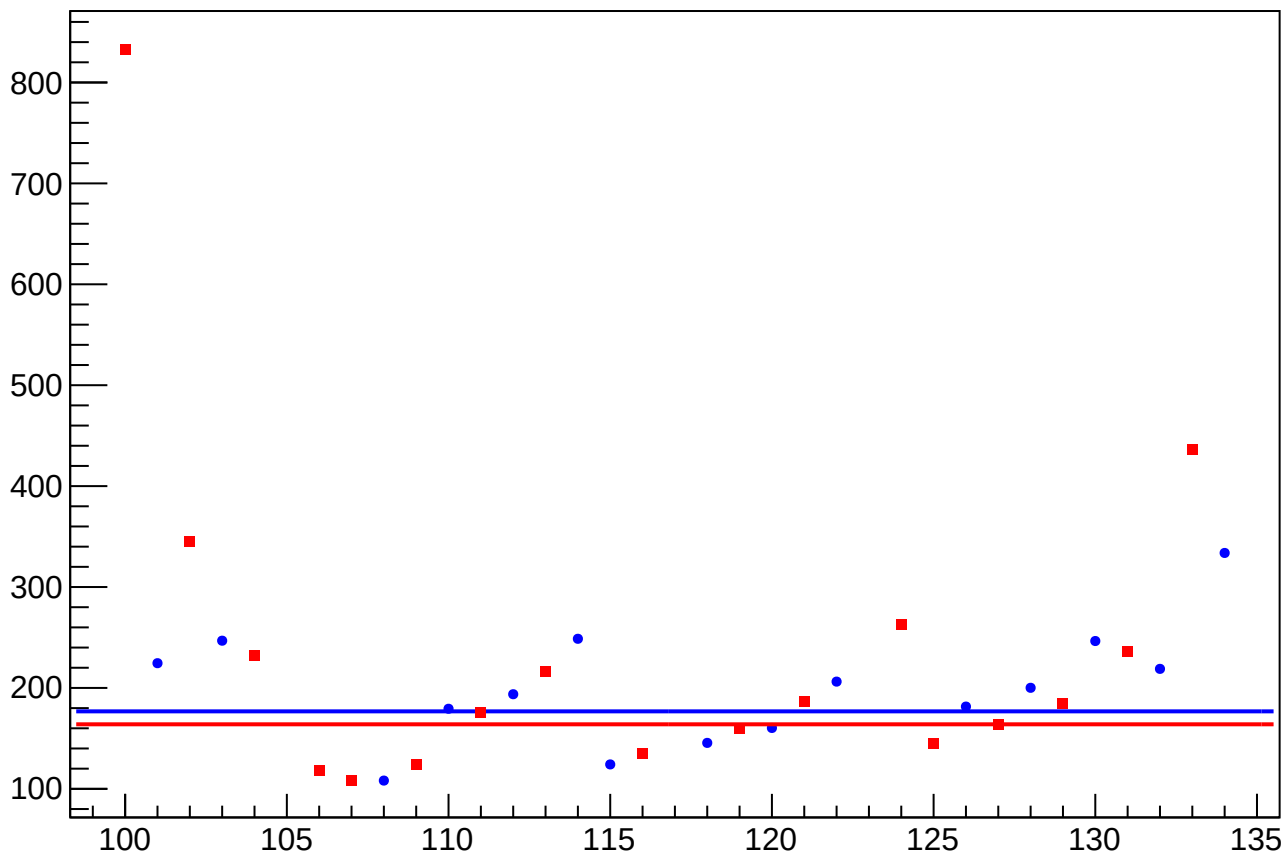
Right: -0.032 $\pm$ 0.051 χ^2 /NDF: 29.6/31

In: 0.037 $\pm$ 0.074 χ^2 /NDF:10.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.051 χ^2 /NDF: 29.6/31

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 176.791+/-0.053 χ^2/NDF : 886089.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 163.955+/-0.049 χ^2/NDF : 1253851.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

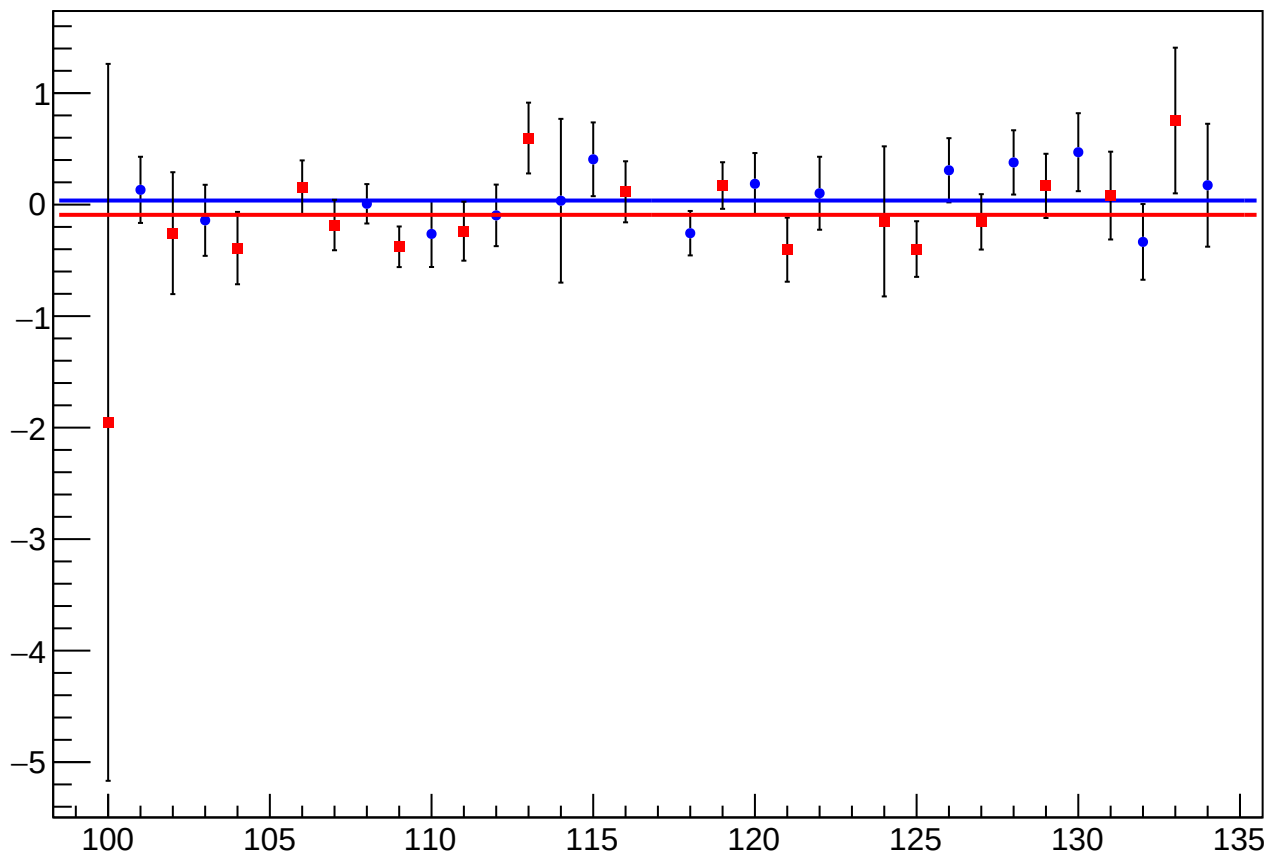
Right: 169.931+/-0.036 χ^2/NDF : 2171748.7/31

In: 176.791+/-0.053 χ^2/NDF :886089.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.931+/-0.036 χ^2/NDF : 2171748.7/31

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.092+/-0.069 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

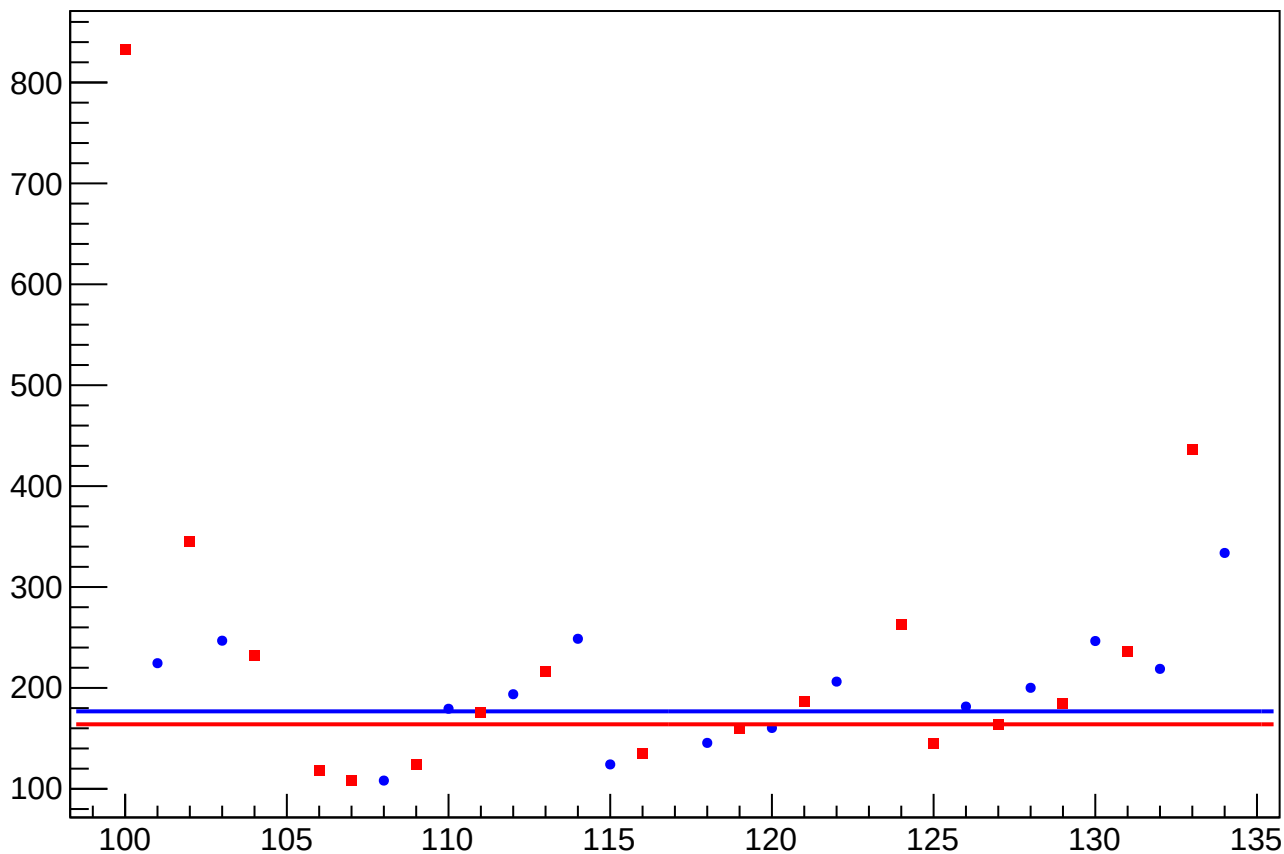
Right: -0.032+/-0.051 χ^2/NDF : 29.6/31

In: 0.037+/-0.074 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.051 χ^2/NDF : 29.6/31

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 176.791+/-0.053 χ^2/NDF : 886089.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.955+/-0.049 χ^2/NDF : 1253851.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

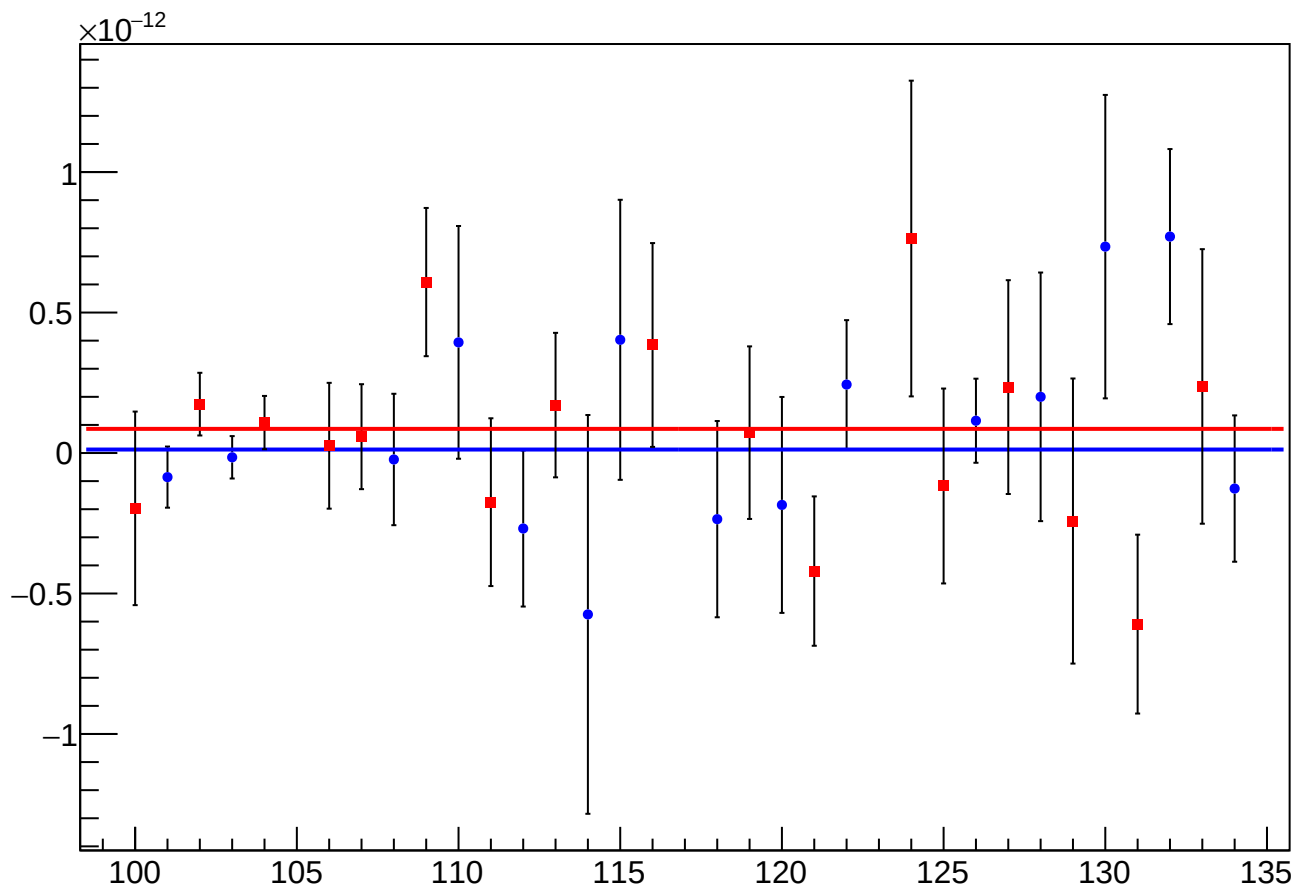
Right: 169.931+/-0.036 χ^2/NDF : 2171748.7/31

In: 176.791+/-0.053 χ^2/NDF : 886089.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.931+/-0.036 χ^2/NDF : 2171748.7/31

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

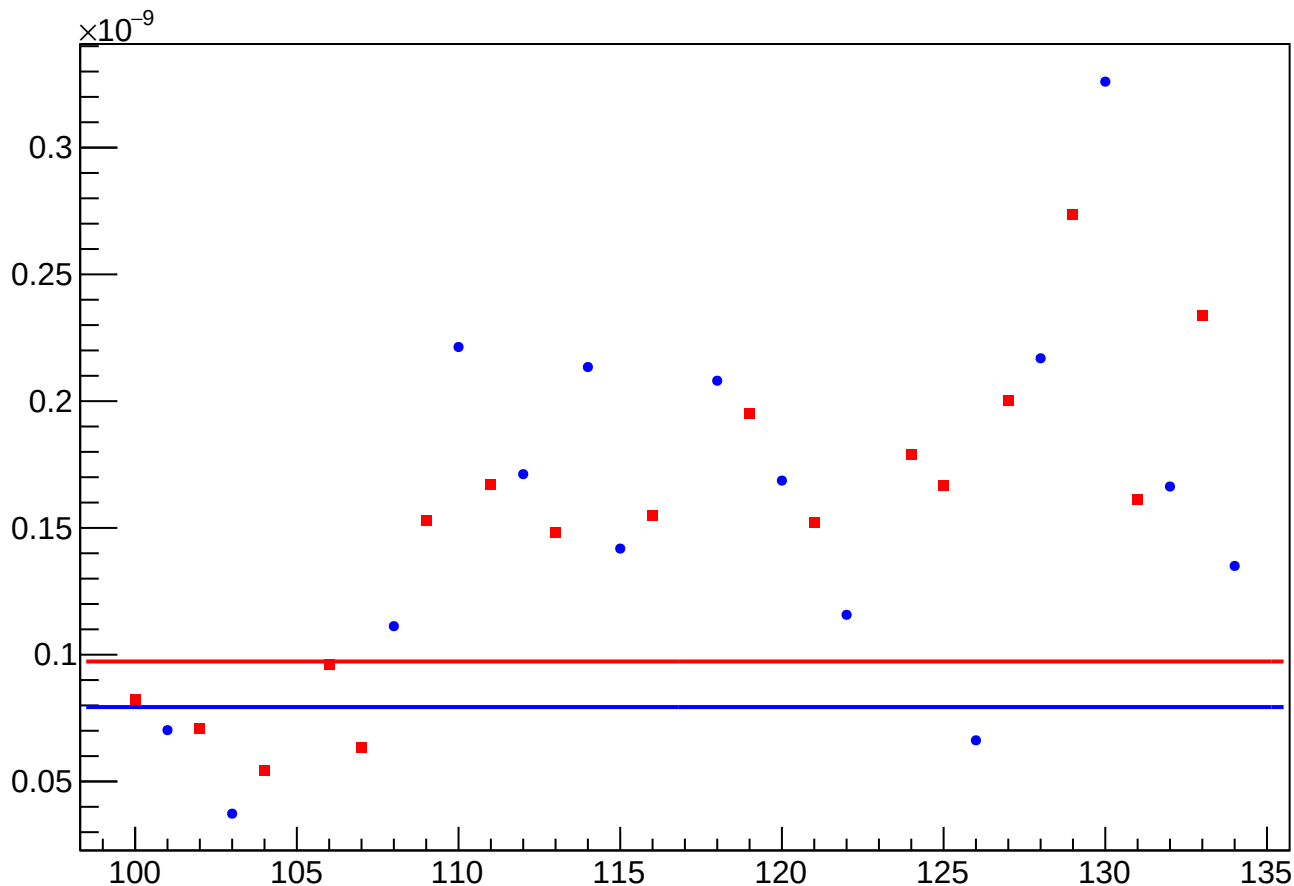
Right: 0.000+/-0.000 χ^2/NDF : 33.4/31

In: 0.000+/-0.000 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.4/31

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2532013.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1957388.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

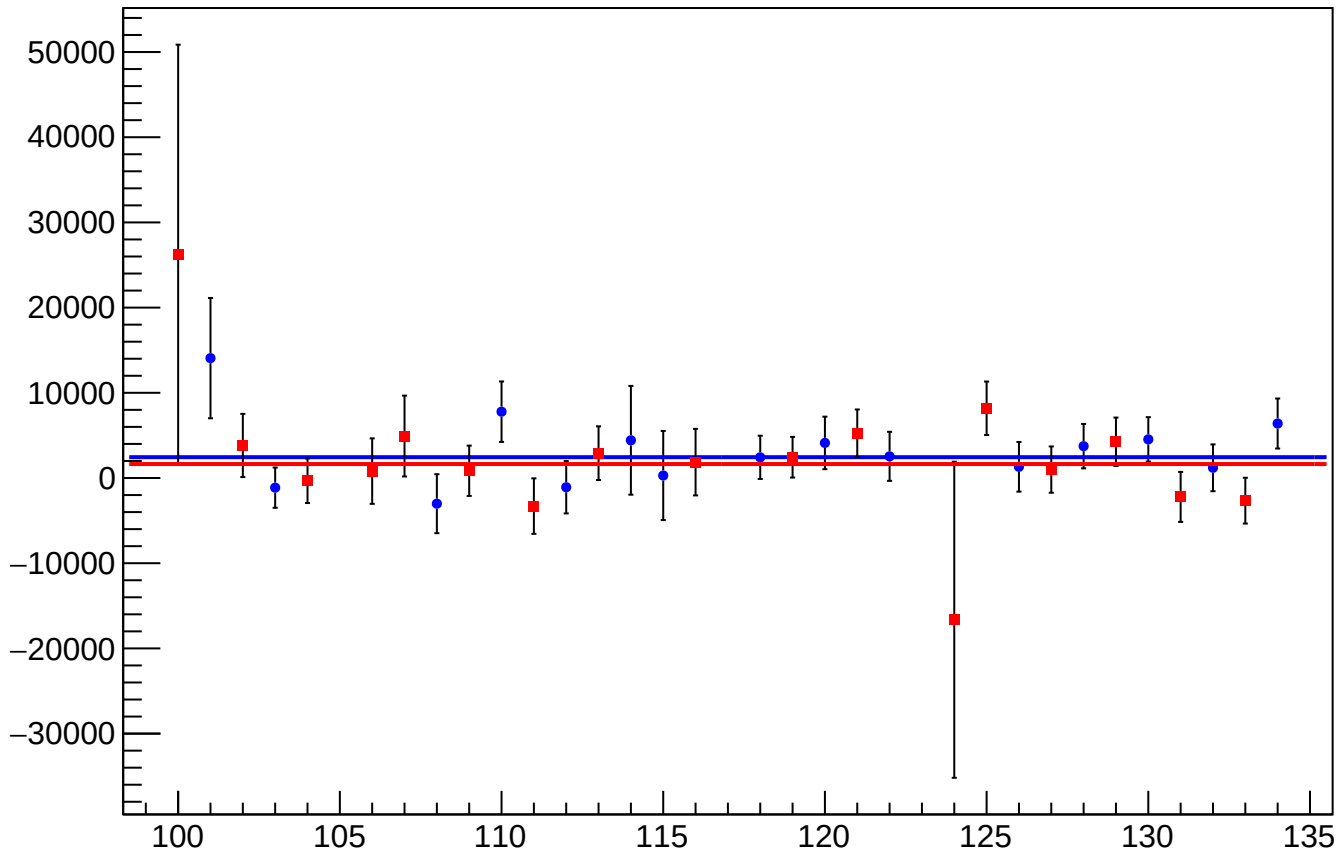
Right: 0.000+/-0.000 χ^2/NDF : 4613700.8/31

In: 0.000+/-0.000 χ^2/NDF :2532013.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4613700.8/31

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2445.978+/-797.798 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1638.626+/-783.202 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

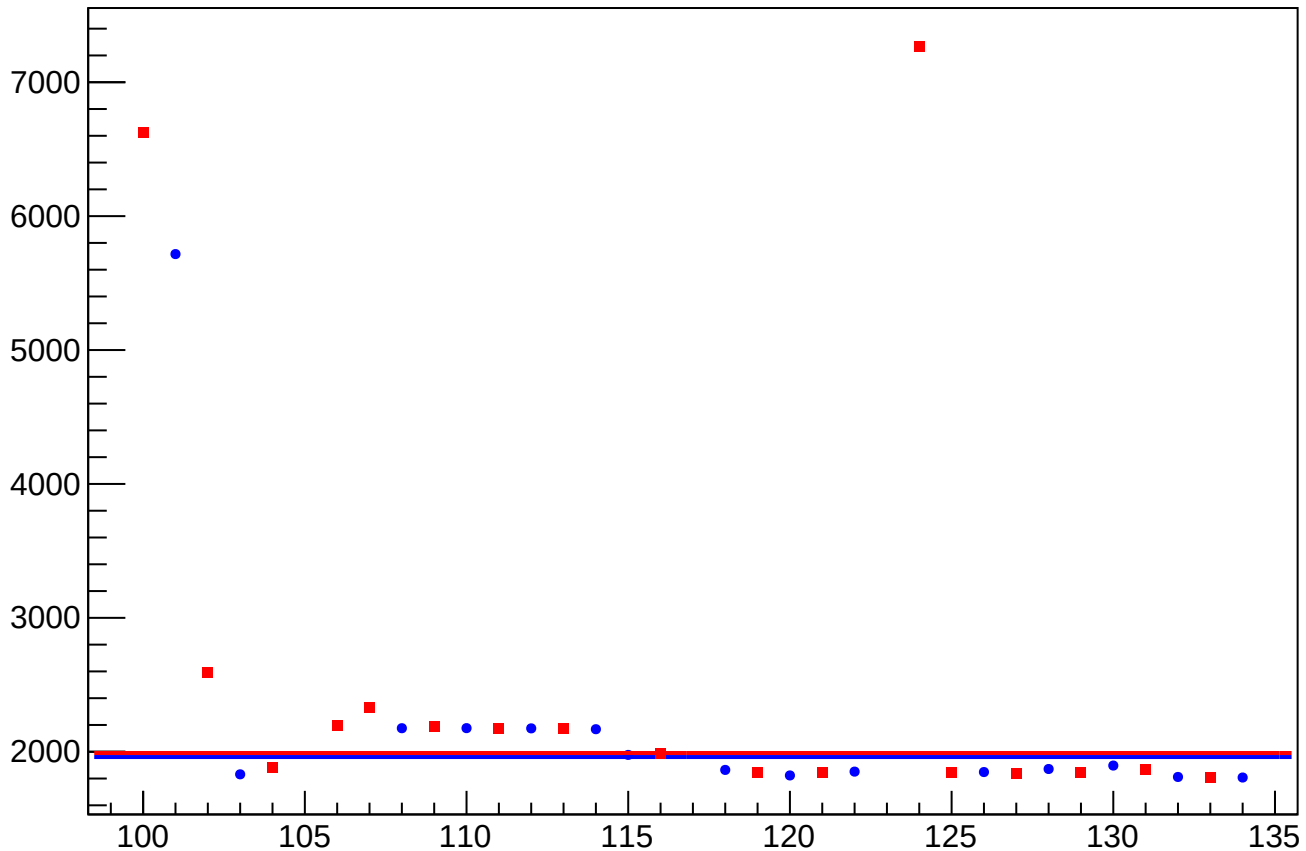
Right: 2034.849+/-558.896 χ^2/NDF : 32.5/31

In: 2445.978+/-797.798 χ^2/NDF : 14.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2034.849+/-558.896 χ^2/NDF : 32.5/31

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1960.530+/-0.564 χ^2/NDF : 626620.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1990.702+/-0.554 χ^2/NDF : 368303.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

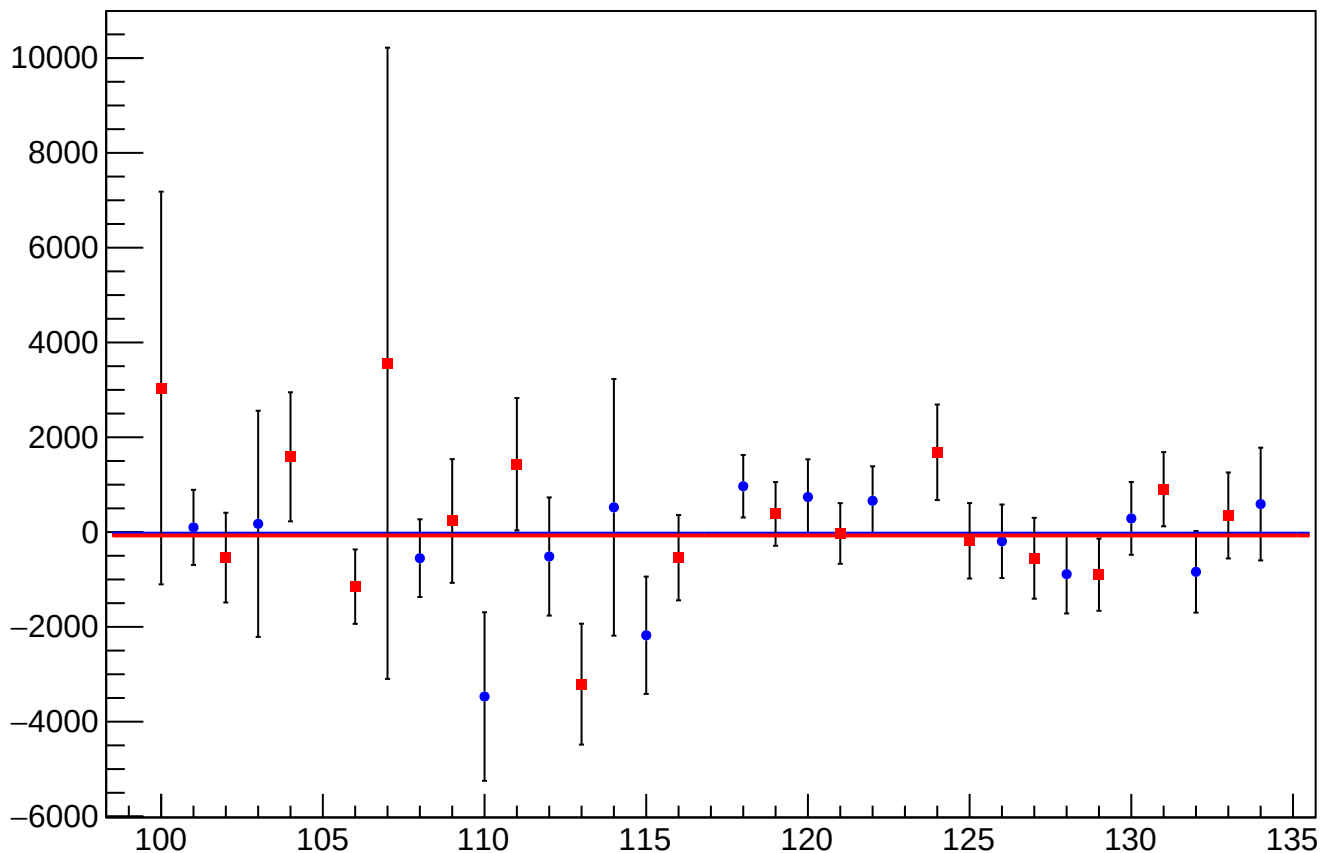
Right: 1975.895+/-0.395 χ^2/NDF : 996380.3/31

In: 1960.530+/-0.564 χ^2/NDF : 626620.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1975.895+/-0.395 χ^2/NDF : 996380.3/31

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -34.001 $\pm$ 238.068 χ^2 /NDF: 13.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.230 $\pm$ 226.584 χ^2 /NDF: 18.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

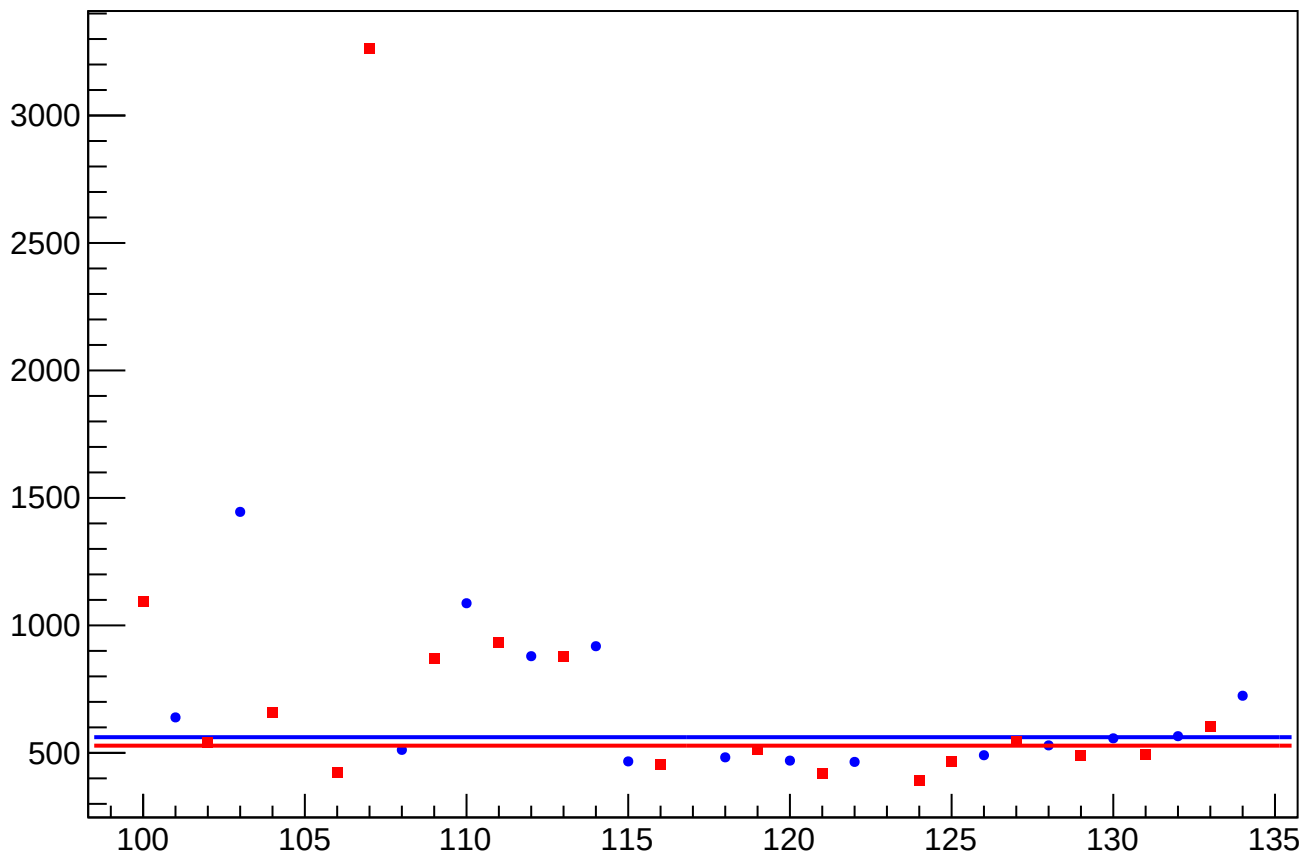
Right: -53.535 $\pm$ 164.129 χ^2 /NDF: 32.8/31

In: -34.001 $\pm$ 238.068 χ^2 /NDF:13.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -53.535 $\pm$ 164.129 χ^2 /NDF: 32.8/31

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 561.552 $\pm$ 0.168 χ^2 /NDF: 800385.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 528.293 $\pm$ 0.160 χ^2 /NDF: 1029232.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

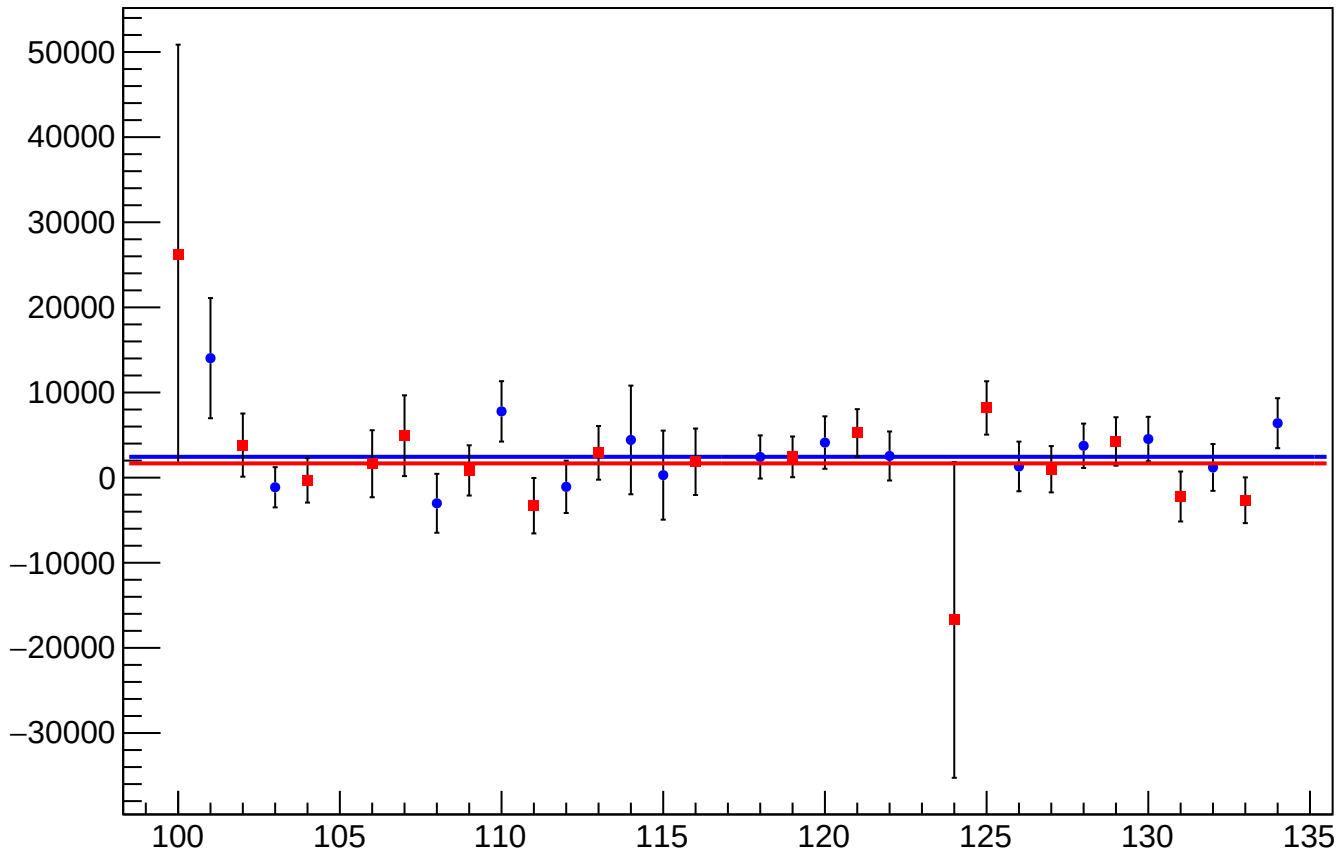
Right: 544.101 $\pm$ 0.116 χ^2 /NDF: 1850100.2/31

In: 561.552 $\pm$ 0.168 χ^2 /NDF:800385.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 544.101 $\pm$ 0.116 χ^2 /NDF: 1850100.2/31

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2445.543+/-797.798 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1673.160+/-783.982 χ^2/NDF : 17.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

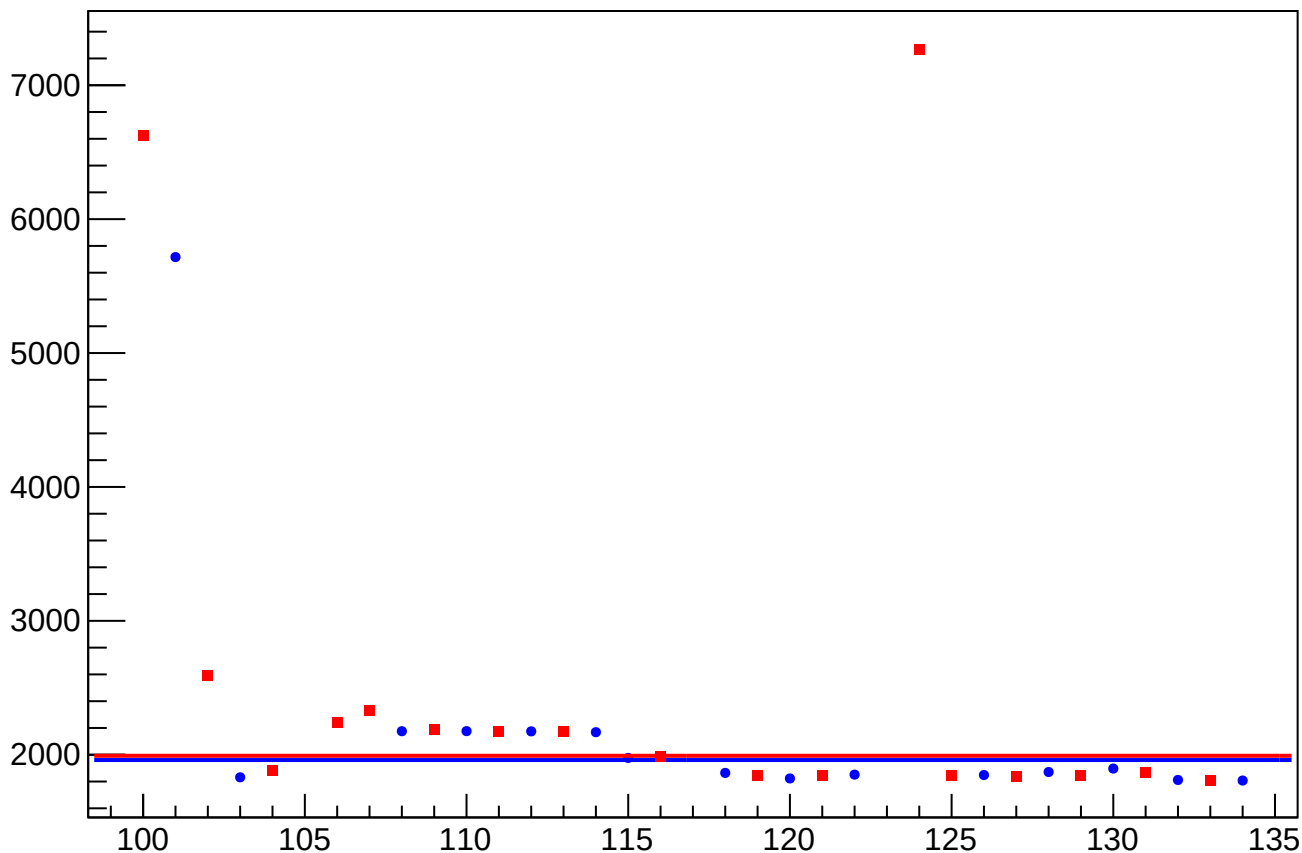
Right: 2052.606+/-559.180 χ^2/NDF : 32.4/31

In: 2445.543+/-797.798 χ^2/NDF : 14.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.606+/-559.180 χ^2/NDF : 32.4/31

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1960.530+/-0.564 χ^2/NDF : 626620.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1992.314+/-0.554 χ^2/NDF : 371009.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

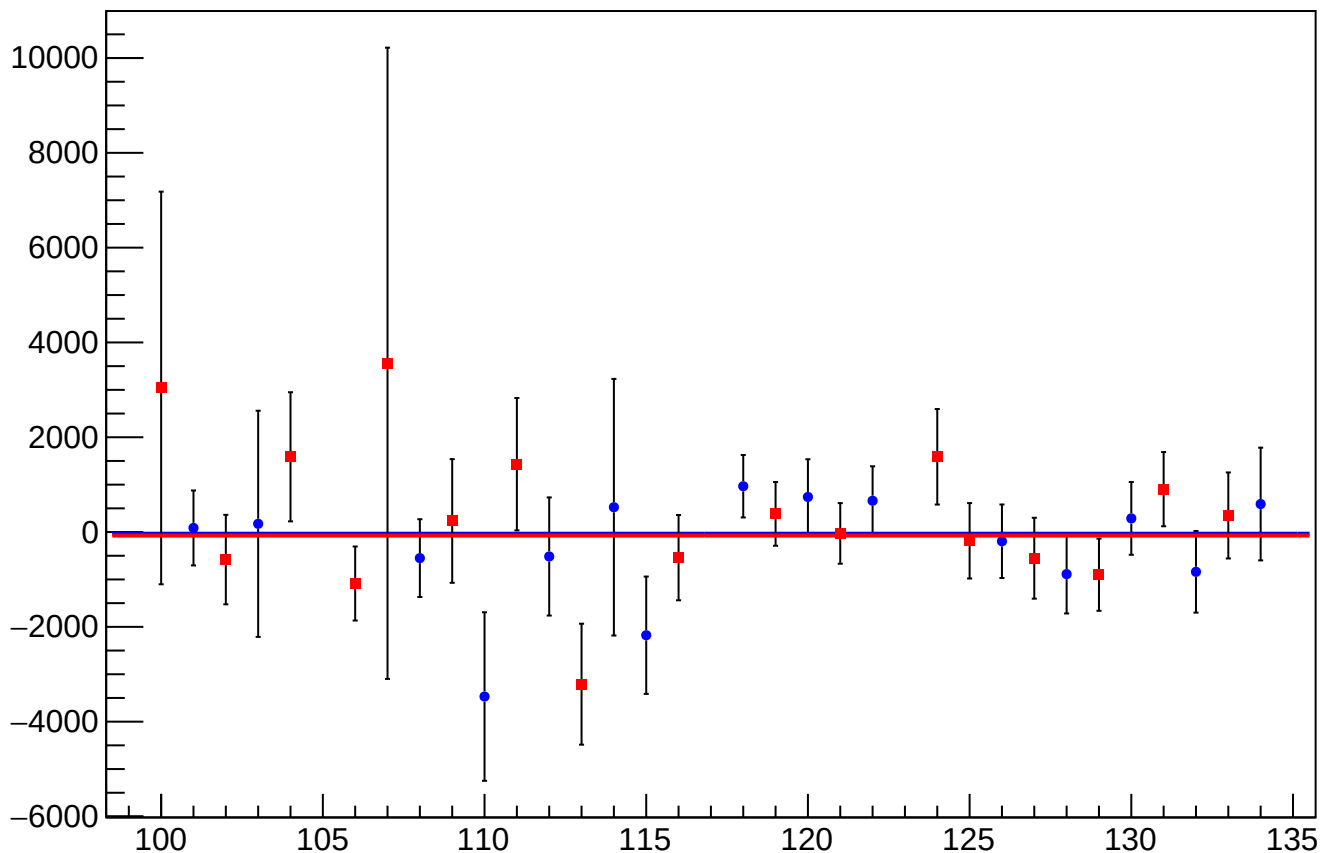
Right: 1976.700+/-0.395 χ^2/NDF : 999244.7/31

In: 1960.530+/-0.564 χ^2/NDF : 626620.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.700+/-0.395 χ^2/NDF : 999244.7/31

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -34.965 ± 238.015 χ^2/NDF : 13.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.033 ± 226.437 χ^2/NDF : 18.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

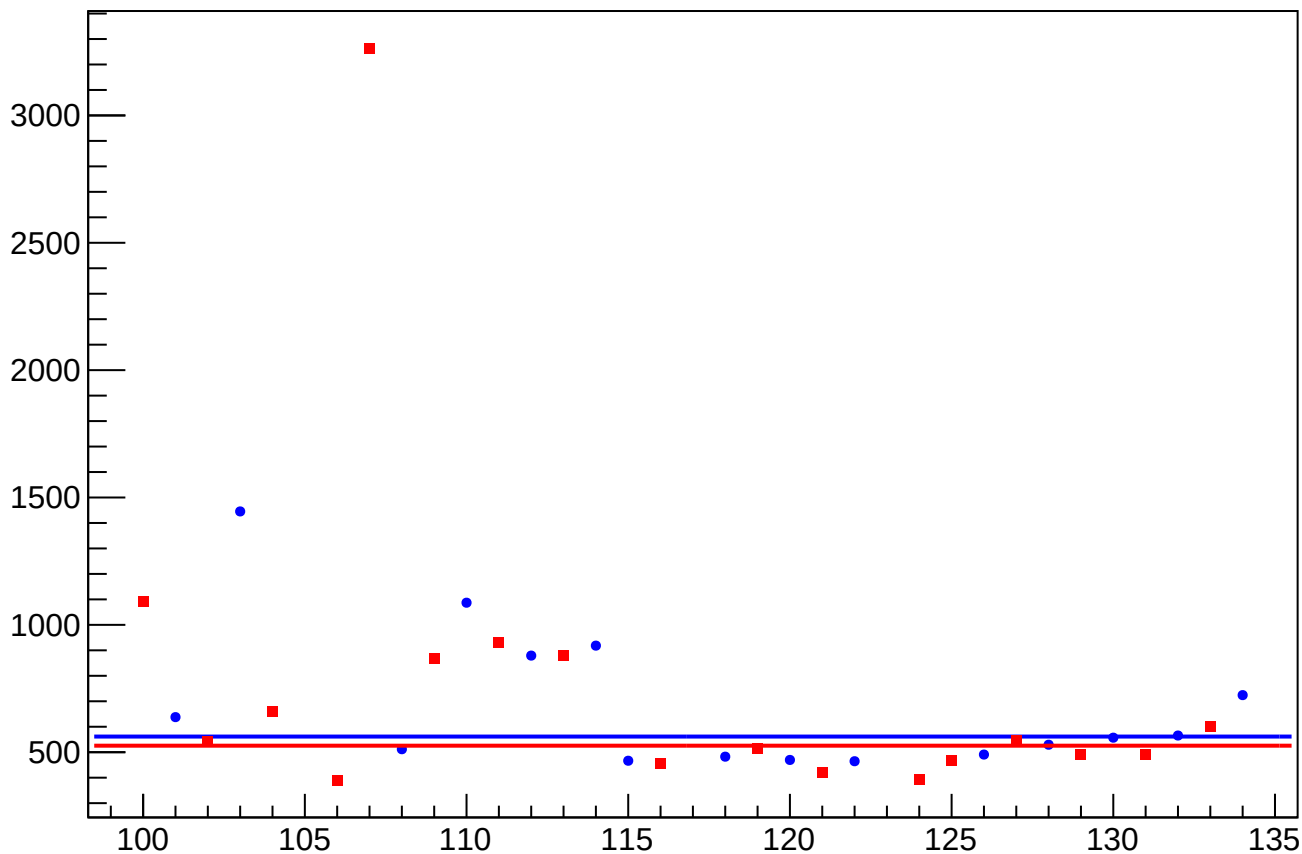
Right: -55.472 ± 164.055 χ^2/NDF : 32.3/31

In: -34.965 ± 238.015 χ^2/NDF : 13.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.472 ± 164.055 χ^2/NDF : 32.3/31

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 561.463+/-0.168 χ^2/NDF : 799769.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 525.615+/-0.160 χ^2/NDF : 1057029.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

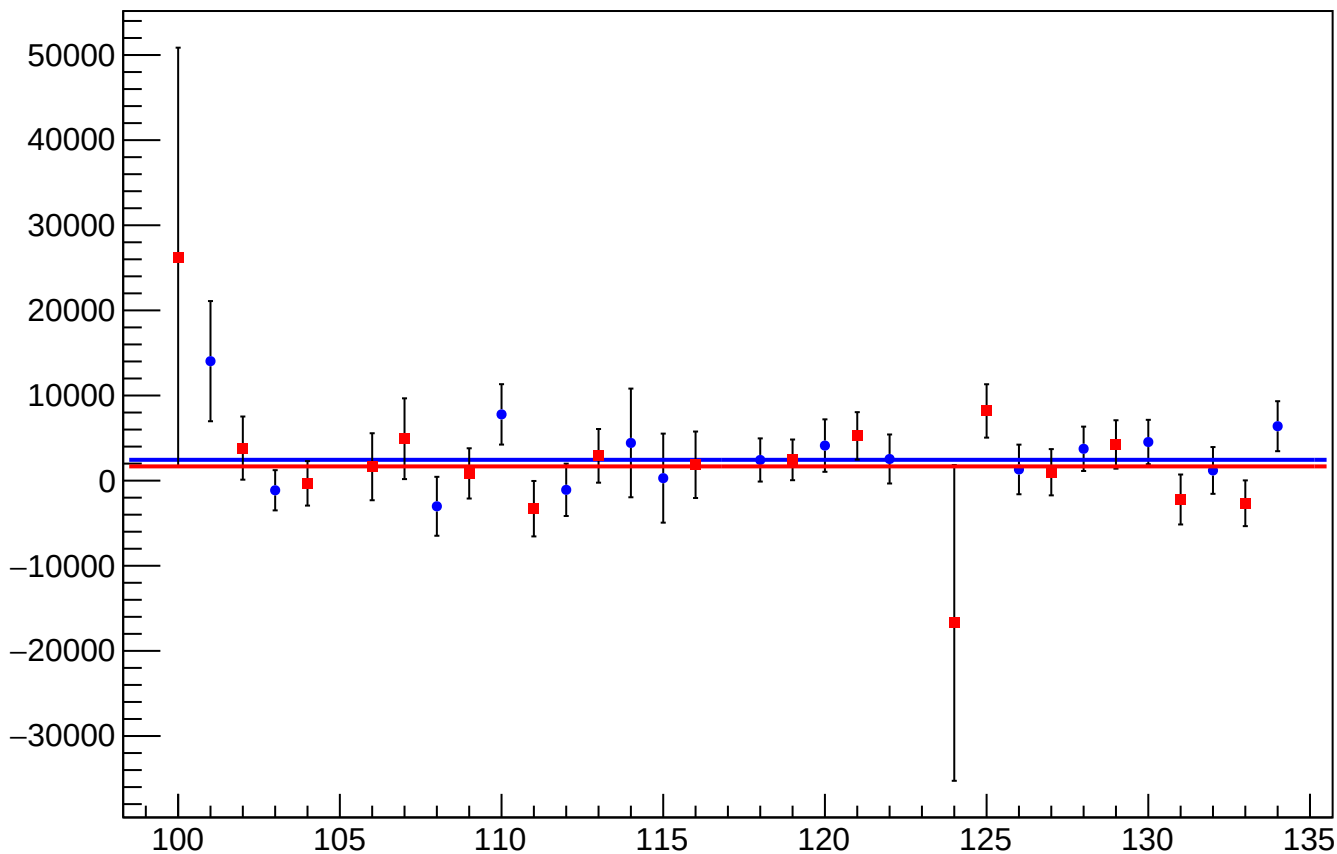
Right: 542.646+/-0.116 χ^2/NDF : 1880614.6/31

In: 561.463+/-0.168 χ^2/NDF :799769.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 542.646+/-0.116 χ^2/NDF : 1880614.6/31

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2445.543 $\pm$ 797.798 χ^2 /NDF: 14.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1673.160 $\pm$ 783.982 χ^2 /NDF: 17.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

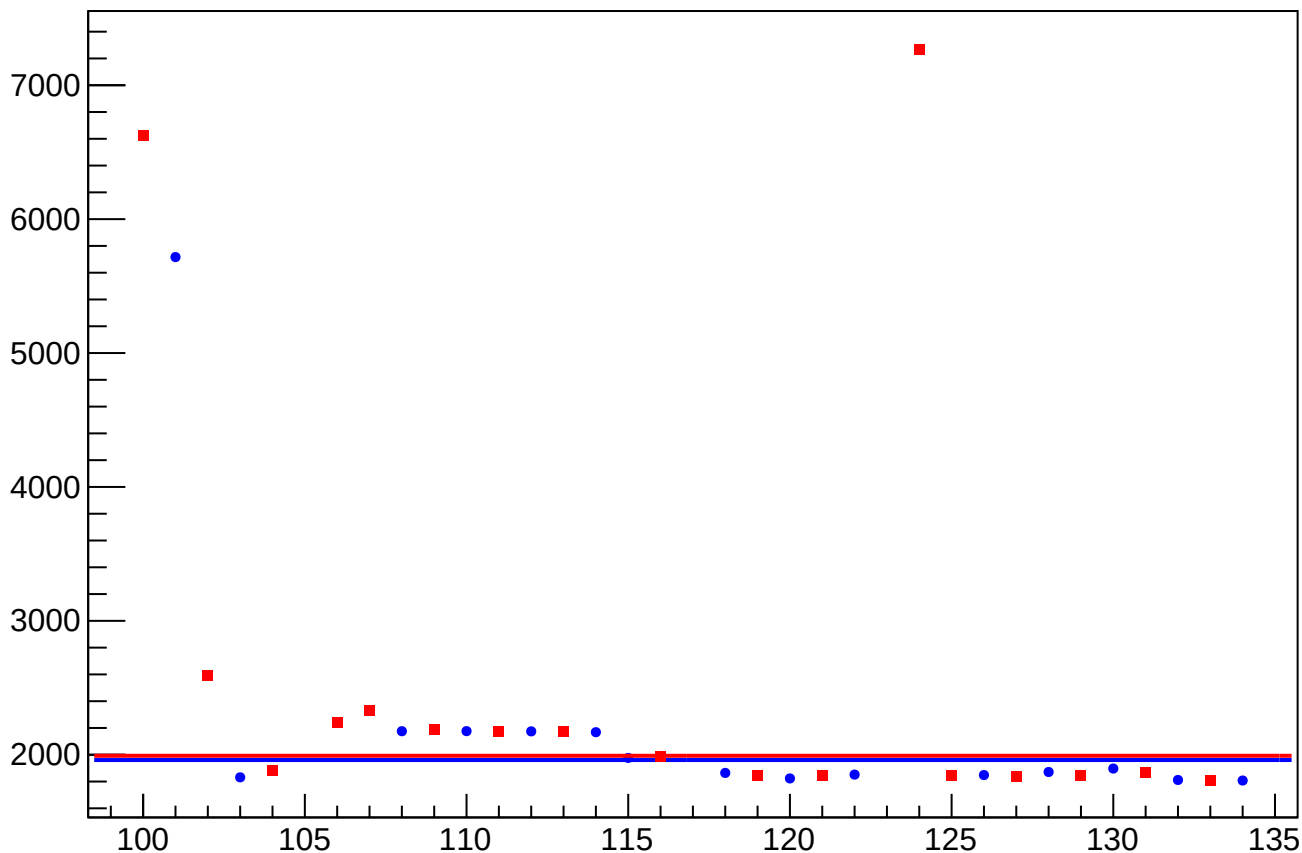
Right: 2052.606 $\pm$ 559.180 χ^2 /NDF: 32.4/31

In: 2445.543 $\pm$ 797.798 χ^2 /NDF:14.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2052.606 $\pm$ 559.180 χ^2 /NDF: 32.4/31

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1960.530+/-0.564 χ^2/NDF : 626620.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1992.314+/-0.554 χ^2/NDF : 371009.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

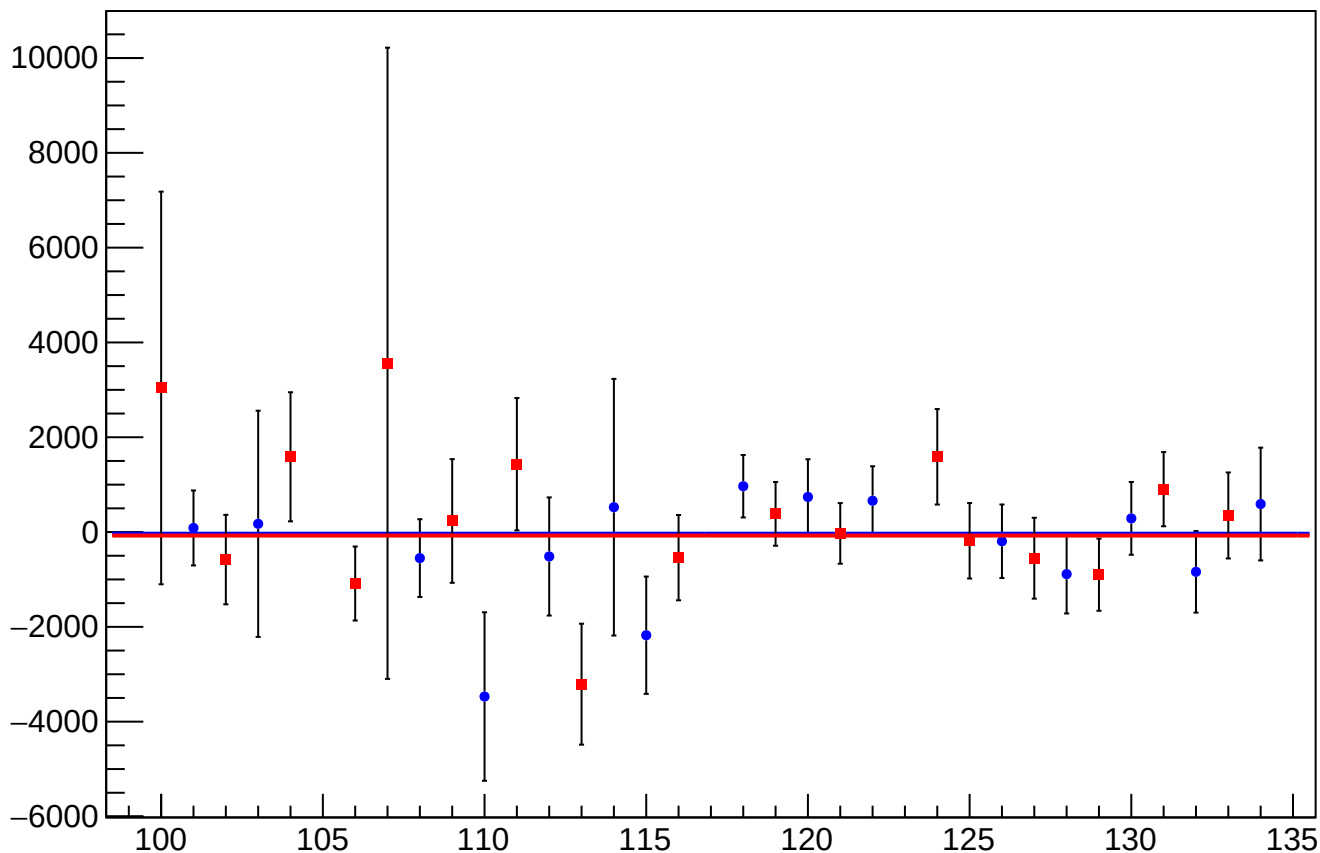
Right: 1976.700+/-0.395 χ^2/NDF : 999244.7/31

In: 1960.530+/-0.564 χ^2/NDF : 626620.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.700+/-0.395 χ^2/NDF : 999244.7/31

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -34.965 ± 238.015 χ^2/NDF : 13.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.033 ± 226.437 χ^2/NDF : 18.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

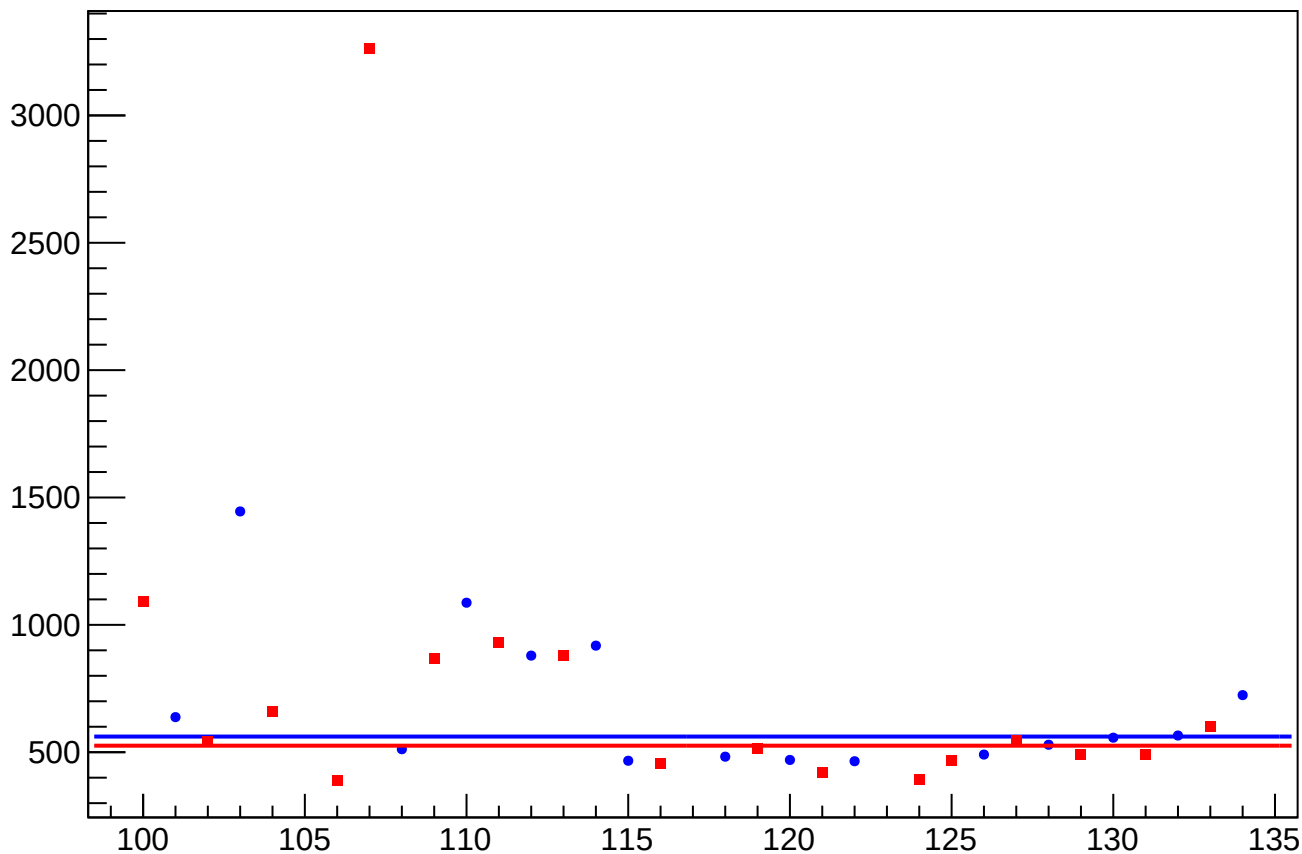
Right: -55.472 ± 164.055 χ^2/NDF : 32.3/31

In: -34.965 ± 238.015 χ^2/NDF : 13.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.472 ± 164.055 χ^2/NDF : 32.3/31

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 561.463+/-0.168 χ^2/NDF : 799769.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.615+/-0.160 χ^2/NDF : 1057029.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

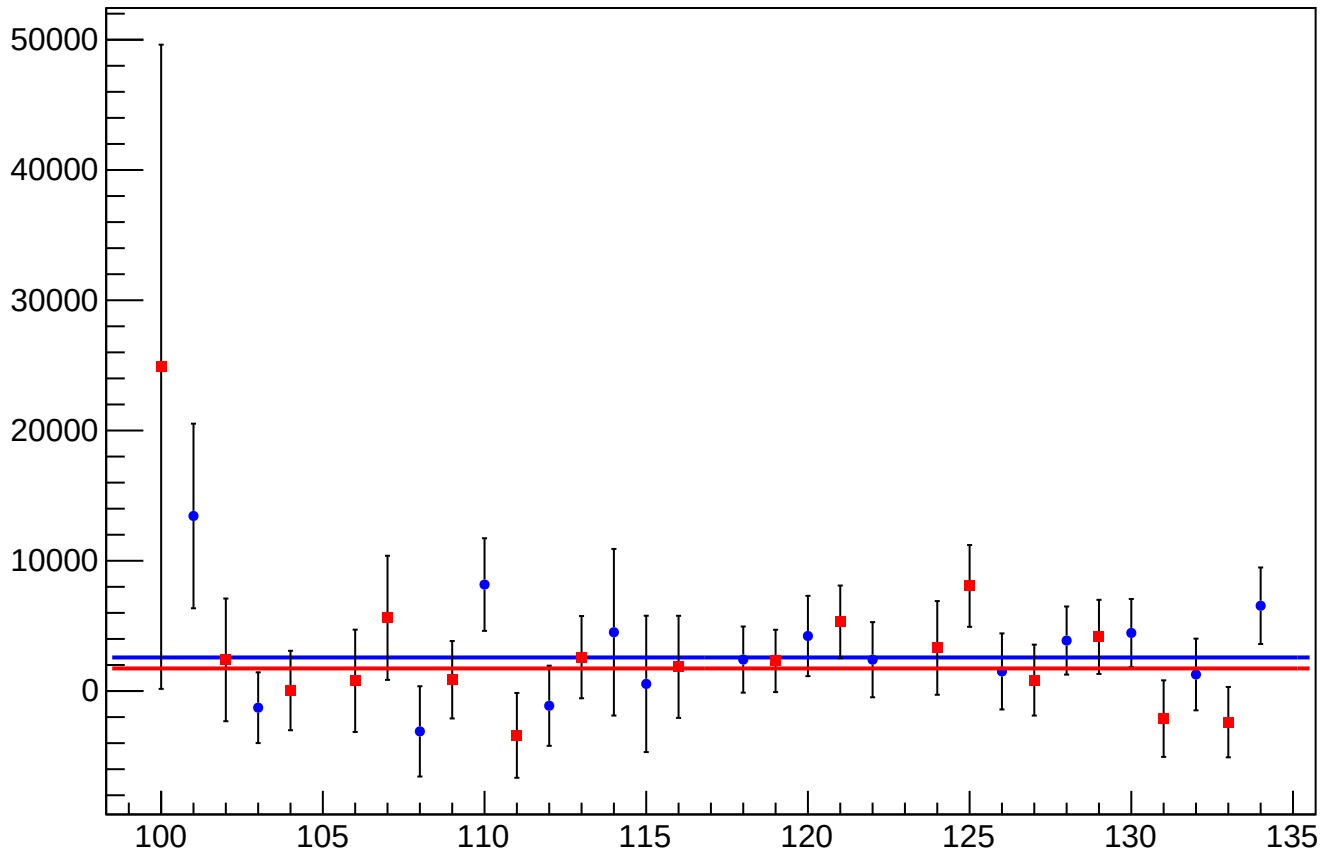
Right: 542.646+/-0.116 χ^2/NDF : 1880614.6/31

In: 561.463+/-0.168 χ^2/NDF : 799769.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.646+/-0.116 χ^2/NDF : 1880614.6/31

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2578.396+/-810.200 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1733.871+/-783.403 χ^2/NDF : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

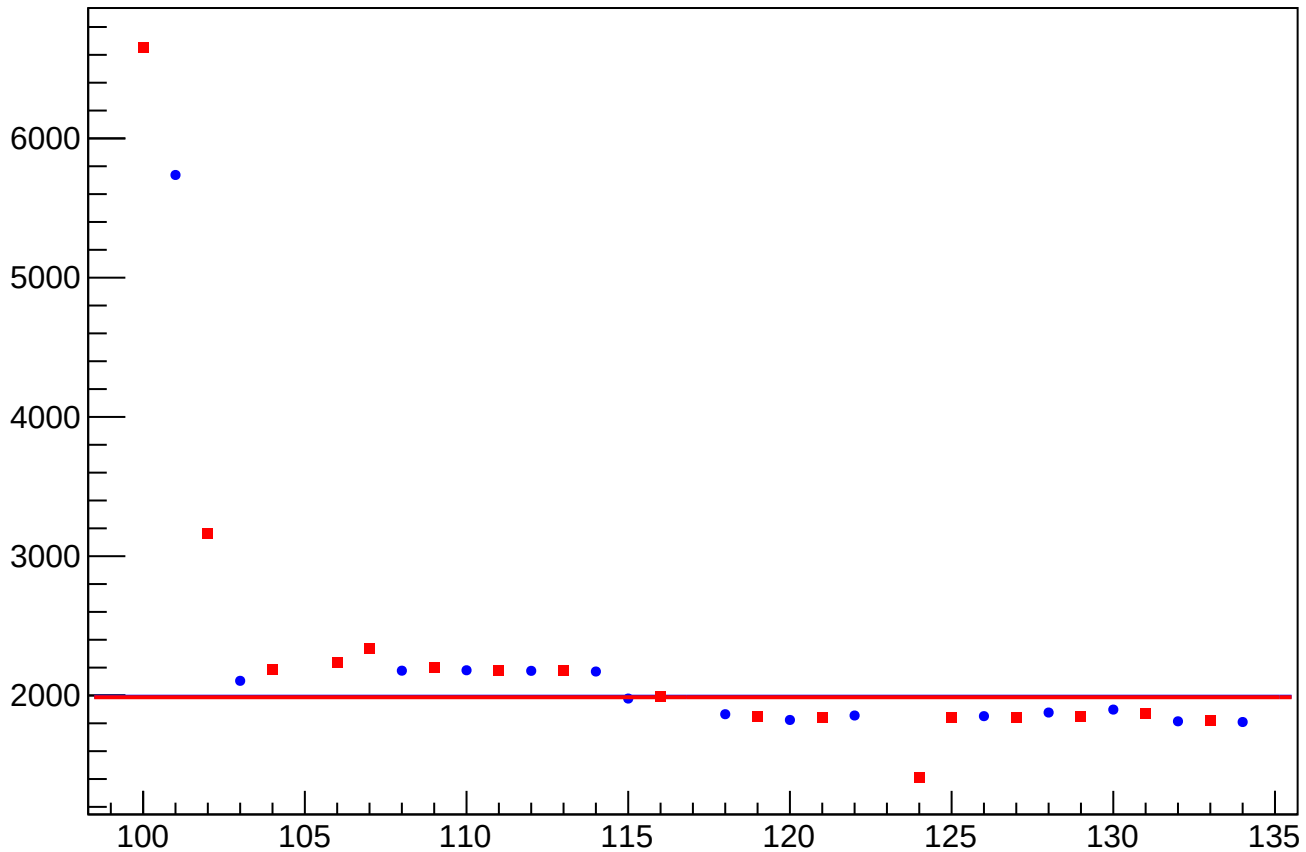
Right: 2141.937+/-563.185 χ^2/NDF : 30.4/31

In: 2578.396+/-810.200 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.937+/-563.185 χ^2/NDF : 30.4/31

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1991.058+/-0.573 χ^2/NDF : 624902.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1987.252+/-0.554 χ^2/NDF : 337044.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

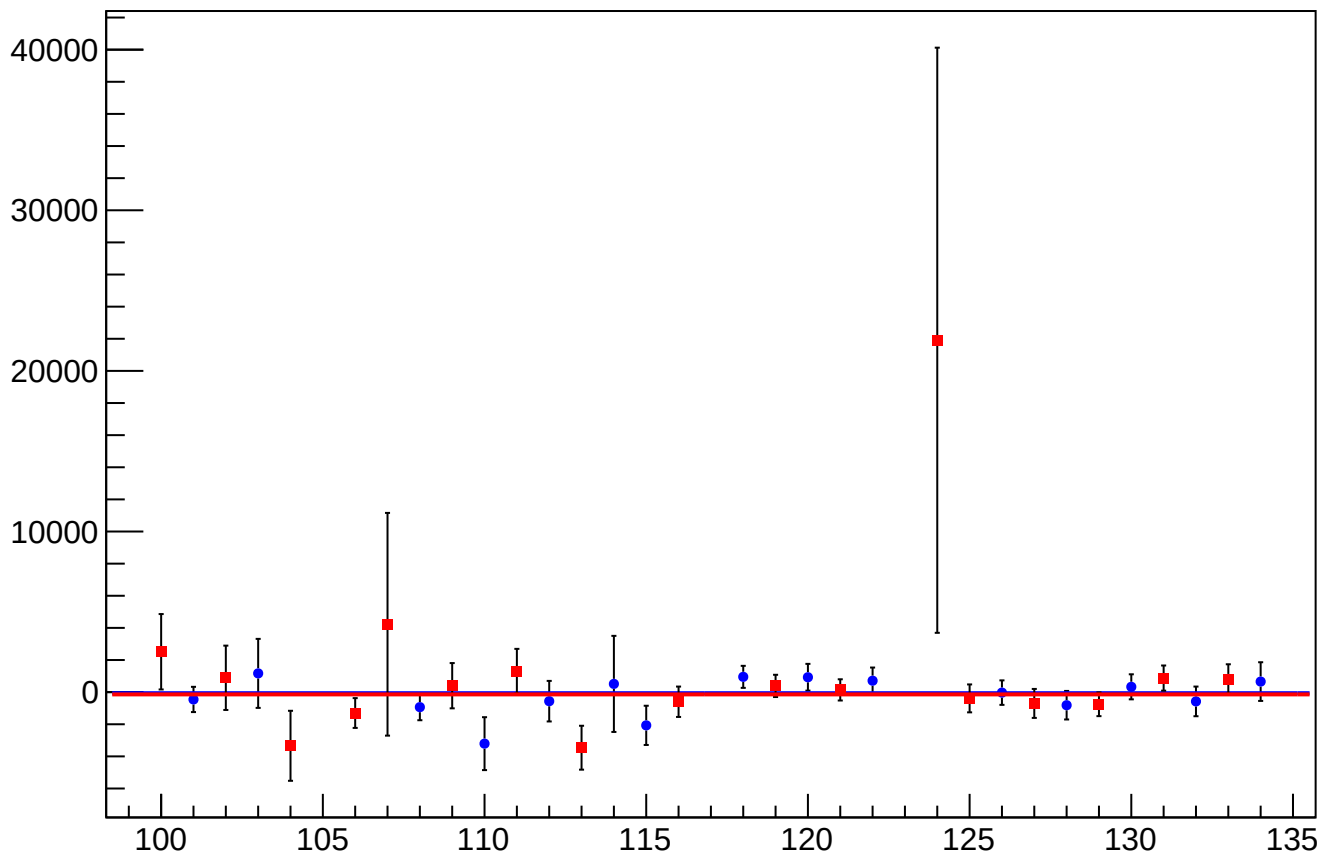
Right: 1989.091+/-0.398 χ^2/NDF : 961969.1/31

In: 1991.058+/-0.573 χ^2/NDF : 624902.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.091+/-0.398 χ^2/NDF : 961969.1/31

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -65.750 ± 244.940 χ^2/NDF : 14.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -140.842 ± 249.304 χ^2/NDF : 19.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

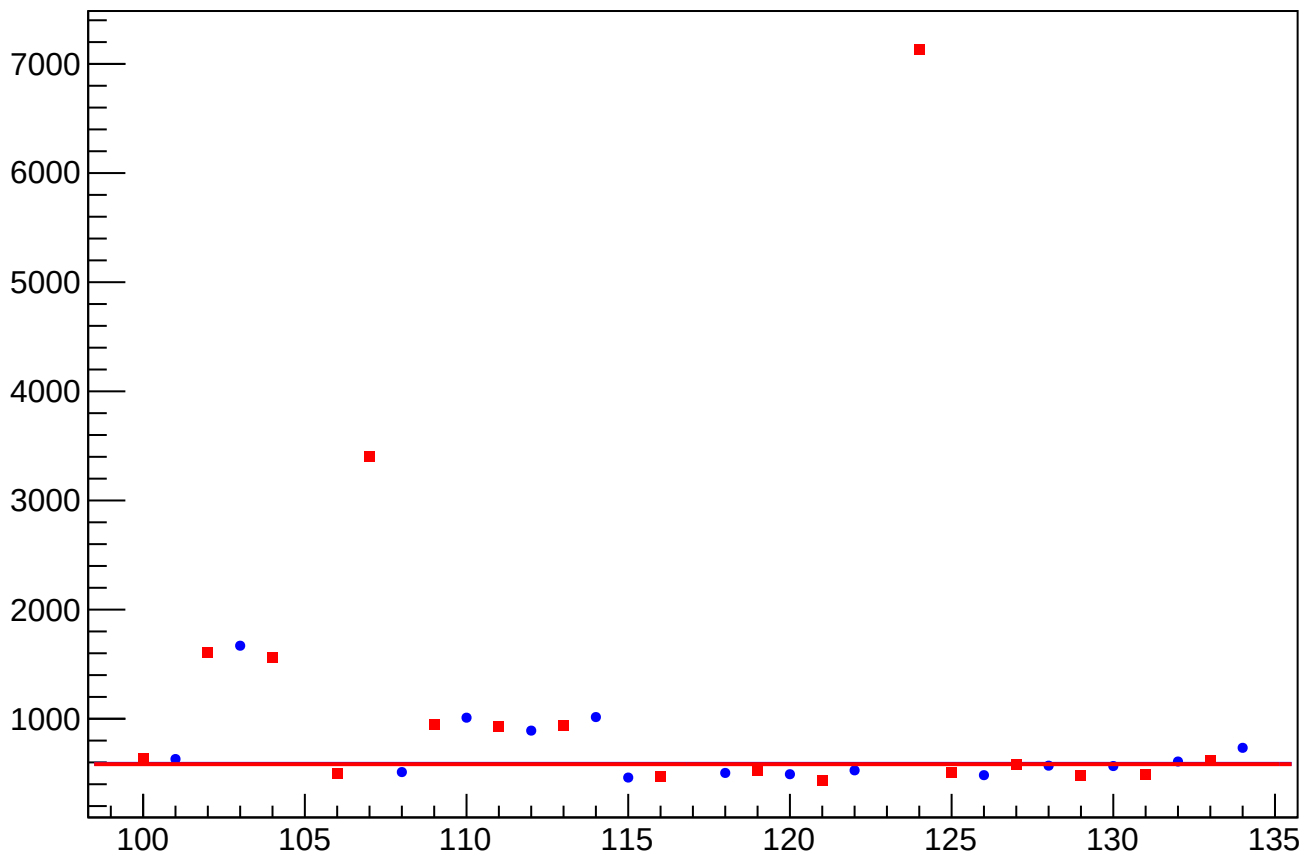
Right: -102.633 ± 174.721 χ^2/NDF : 33.6/31

In: -65.750 ± 244.940 χ^2/NDF : 14.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -102.633 ± 174.721 χ^2/NDF : 33.6/31

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 586.513+/-0.173 χ^2/NDF : 977436.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.966+/-0.176 χ^2/NDF : 2157542.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

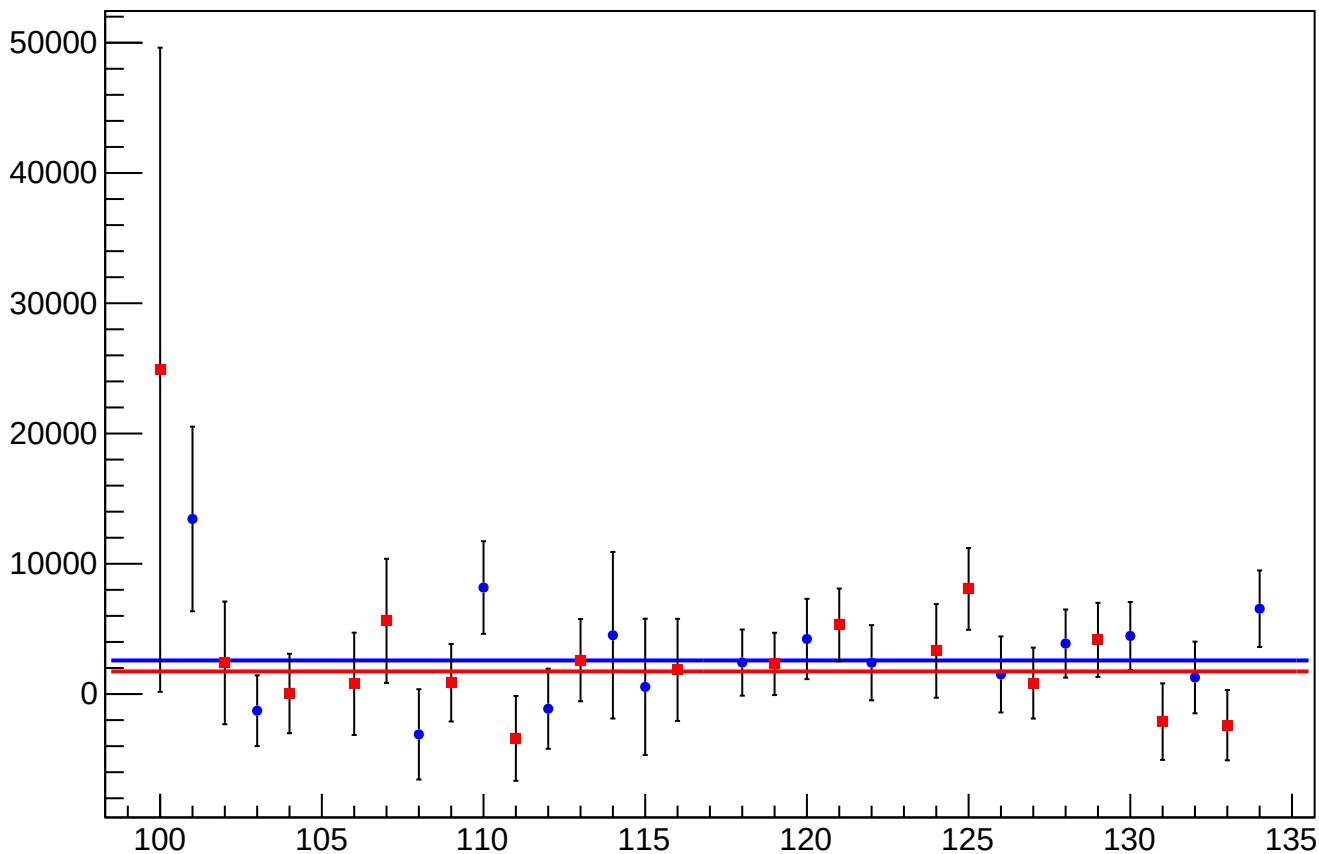
Right: 585.262+/-0.124 χ^2/NDF : 3135084.6/31

In: 586.513+/-0.173 χ^2/NDF : 977436.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.262+/-0.124 χ^2/NDF : 3135084.6/31

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2578.394+/-810.200 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1733.869+/-783.403 χ^2/NDF : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

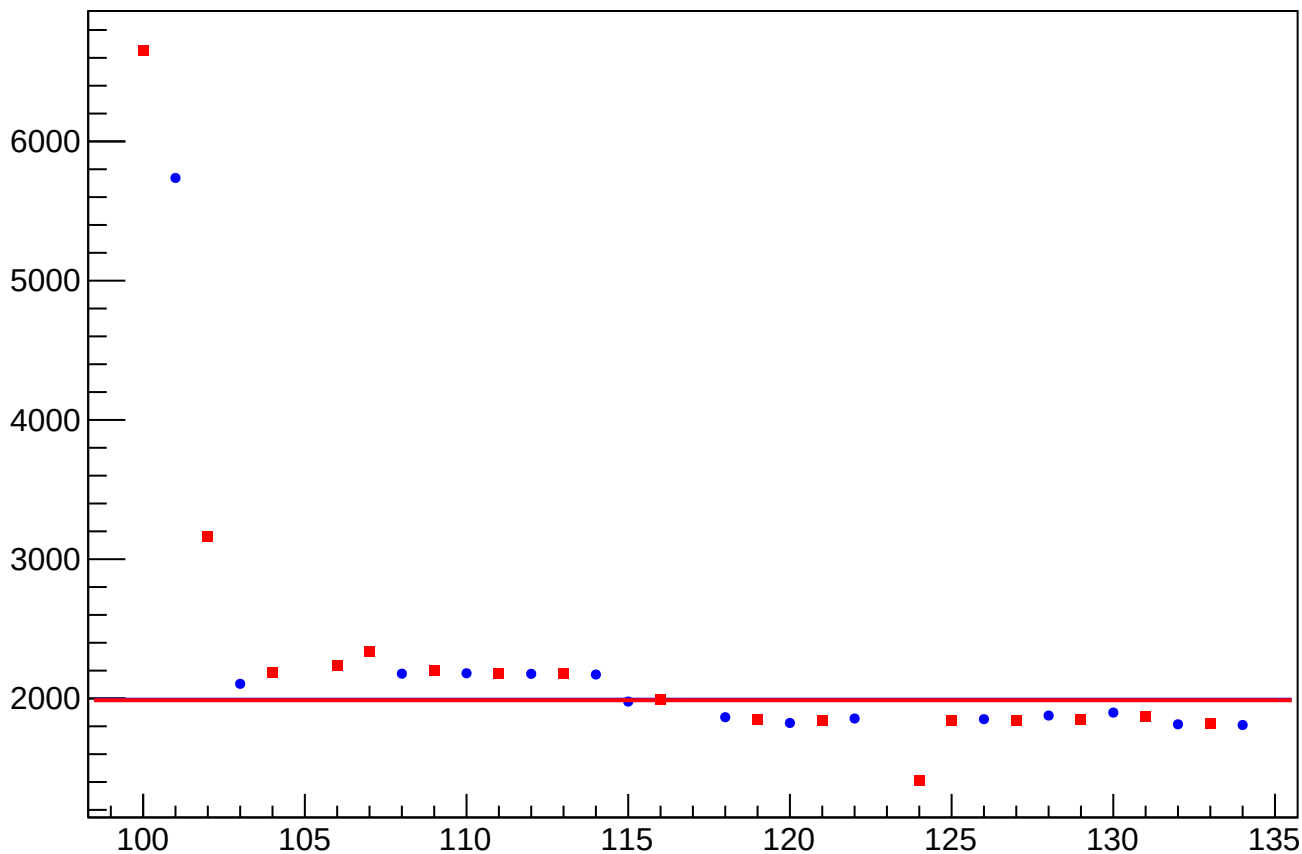
Right: 2141.935+/-563.185 χ^2/NDF : 30.4/31

In: 2578.394+/-810.200 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.935+/-563.185 χ^2/NDF : 30.4/31

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1991.057+/-0.573 χ^2/NDF : 624901.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1987.252+/-0.554 χ^2/NDF : 337043.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

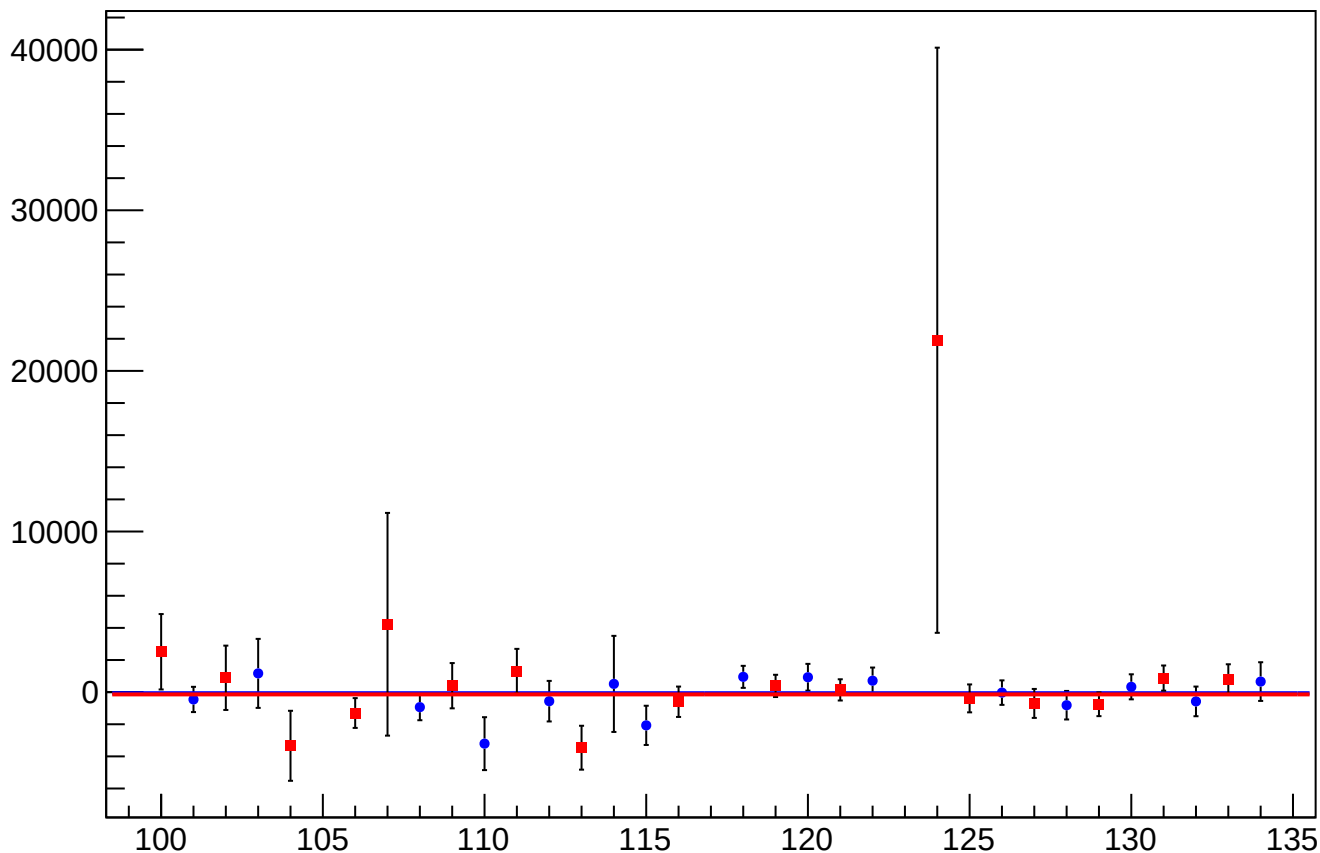
Right: 1989.091+/-0.398 χ^2/NDF : 961967.7/31

In: 1991.057+/-0.573 χ^2/NDF : 624901.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.091+/-0.398 χ^2/NDF : 961967.7/31

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -65.750+/-244.939 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -140.841+/-249.303 χ^2/NDF : 19.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

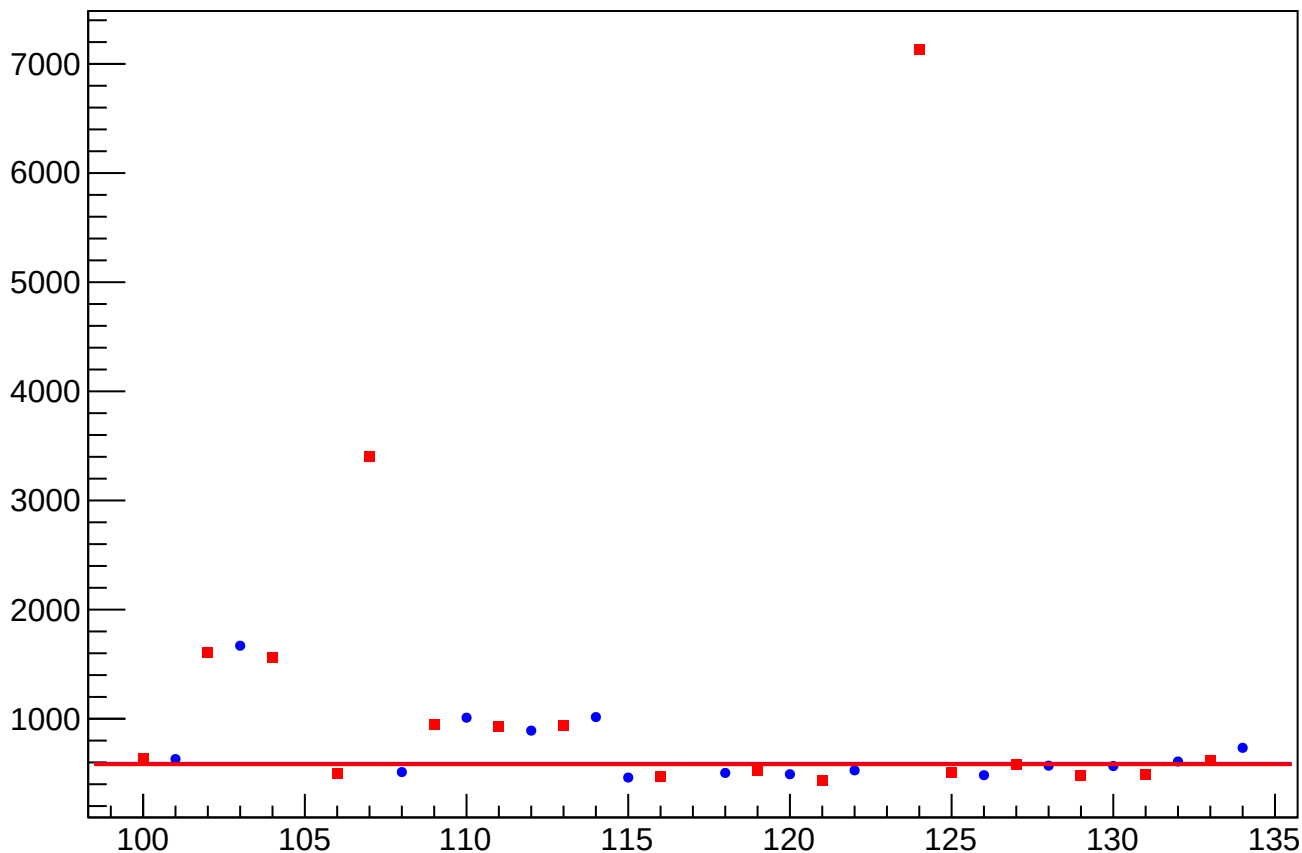
Right: -102.633+/-174.721 χ^2/NDF : 33.6/31

In: -65.750+/-244.939 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.633+/-174.721 χ^2/NDF : 33.6/31

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 586.512+/-0.173 χ^2/NDF : 977440.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.965+/-0.176 χ^2/NDF : 2157547.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

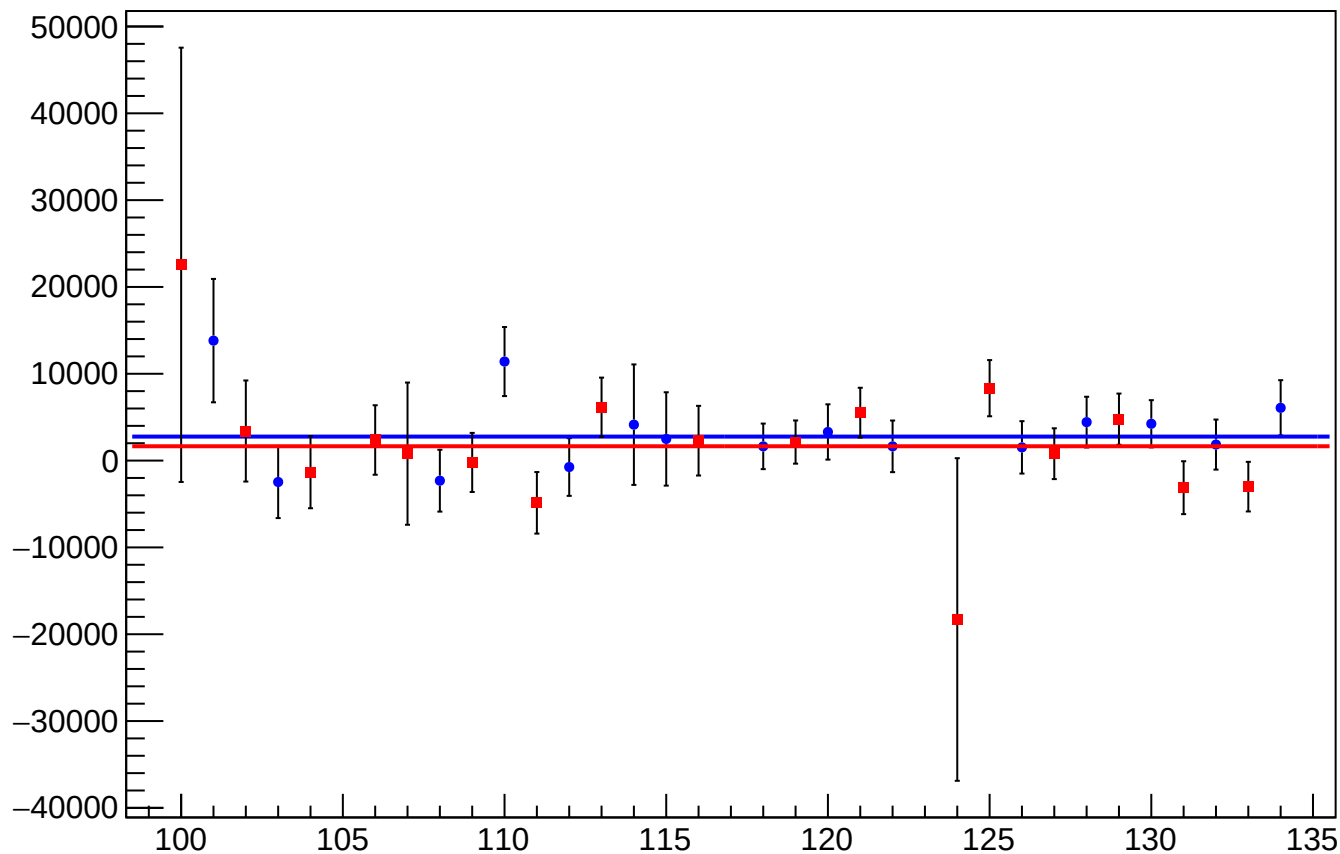
Right: 585.261+/-0.124 χ^2/NDF : 3135093.9/31

In: 586.512+/-0.173 χ^2/NDF : 977440.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.261+/-0.124 χ^2/NDF : 3135093.9/31

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2764.321+/-875.855 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1650.470+/-868.961 χ^2/NDF : 20.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

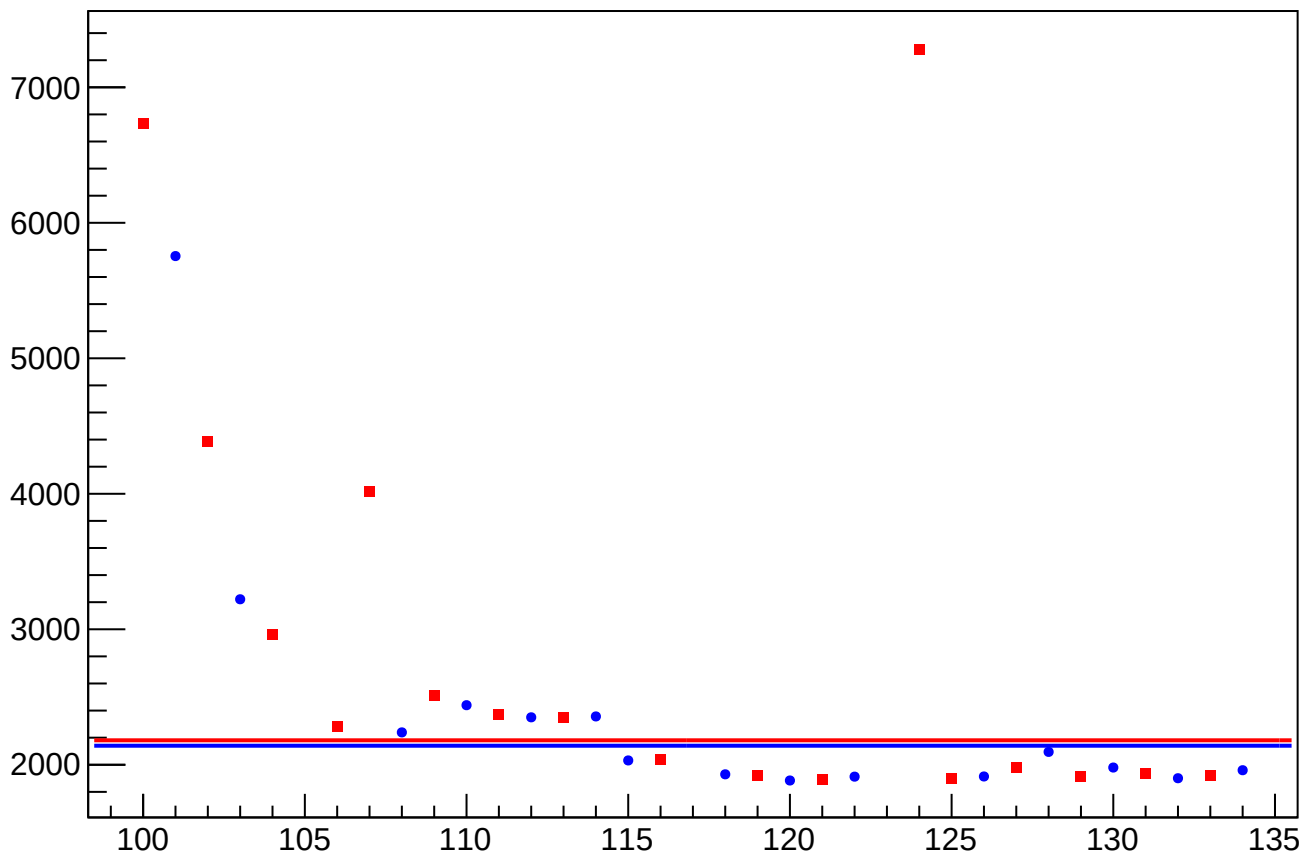
Right: 2202.995+/-616.871 χ^2/NDF : 35.5/31

In: 2764.321+/-875.855 χ^2/NDF : 14.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.995+/-616.871 χ^2/NDF : 35.5/31

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2140.705+/-0.619 χ^2/NDF : 752851.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.655+/-0.614 χ^2/NDF : 820041.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

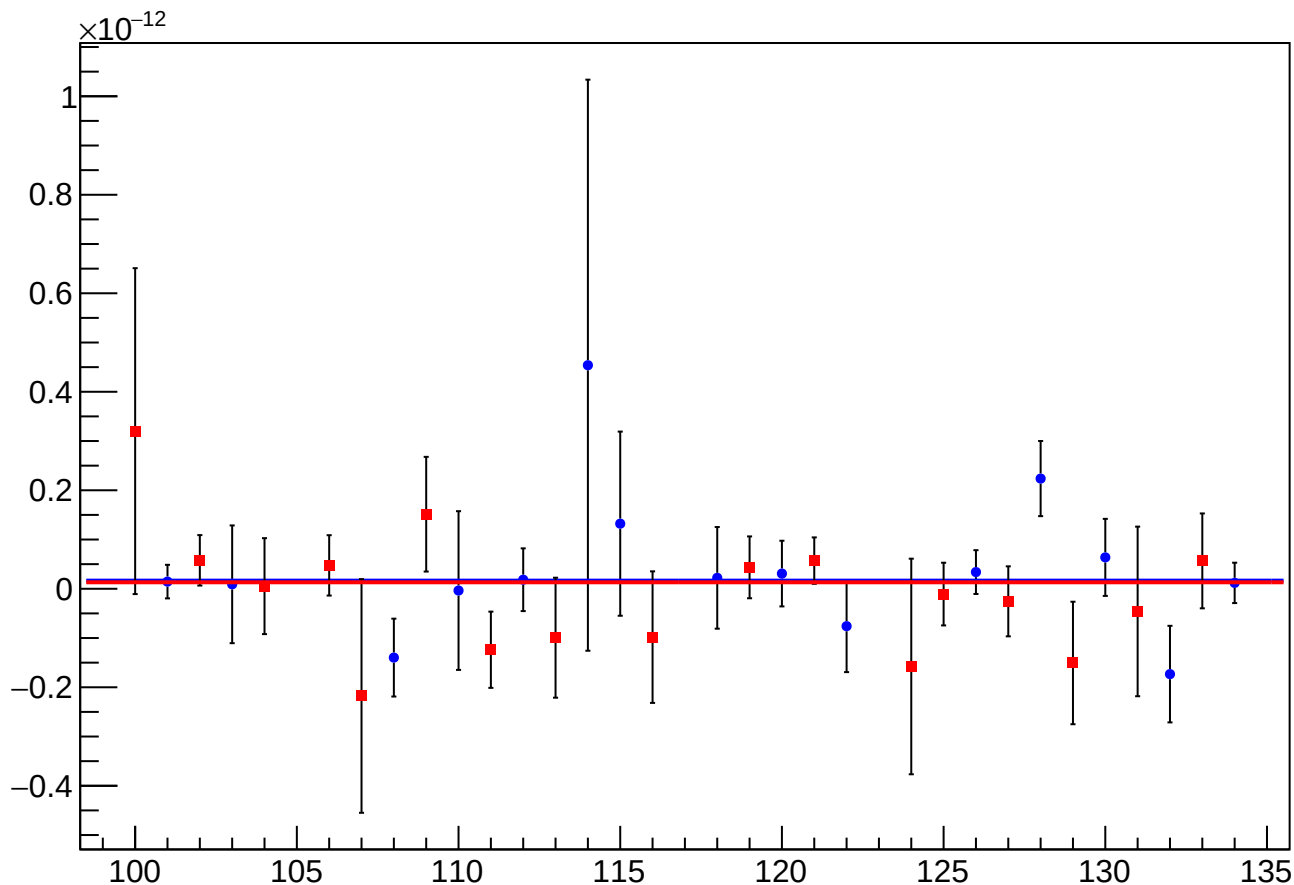
Right: 2160.838+/-0.436 χ^2/NDF : 1574989.8/31

In: 2140.705+/-0.619 χ^2/NDF : 752851.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.838+/-0.436 χ^2/NDF : 1574989.8/31

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

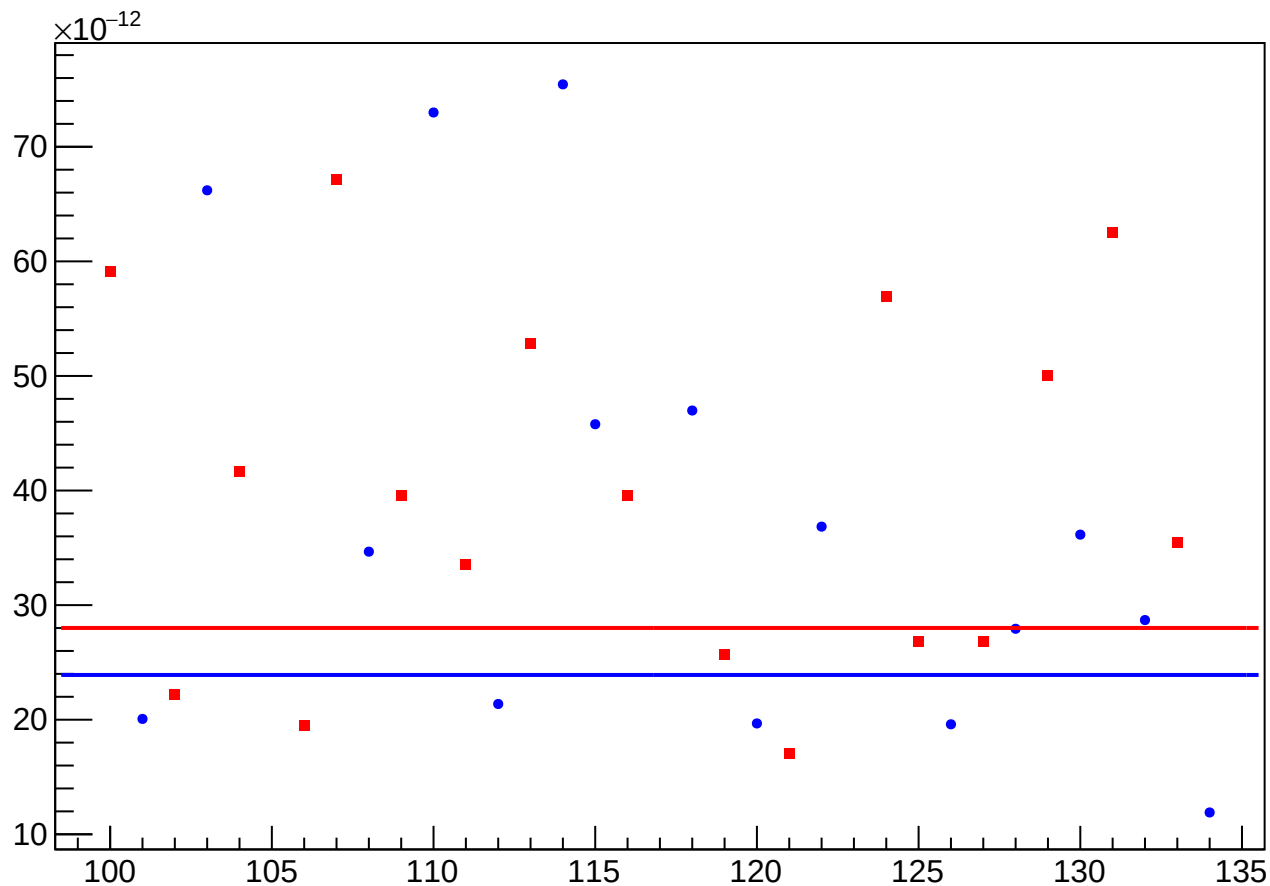
Right: 0.000+/-0.000 χ^2/NDF : 30.8/31

In: 0.000+/-0.000 χ^2/NDF : 17.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.8/31

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 940834.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 606333.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

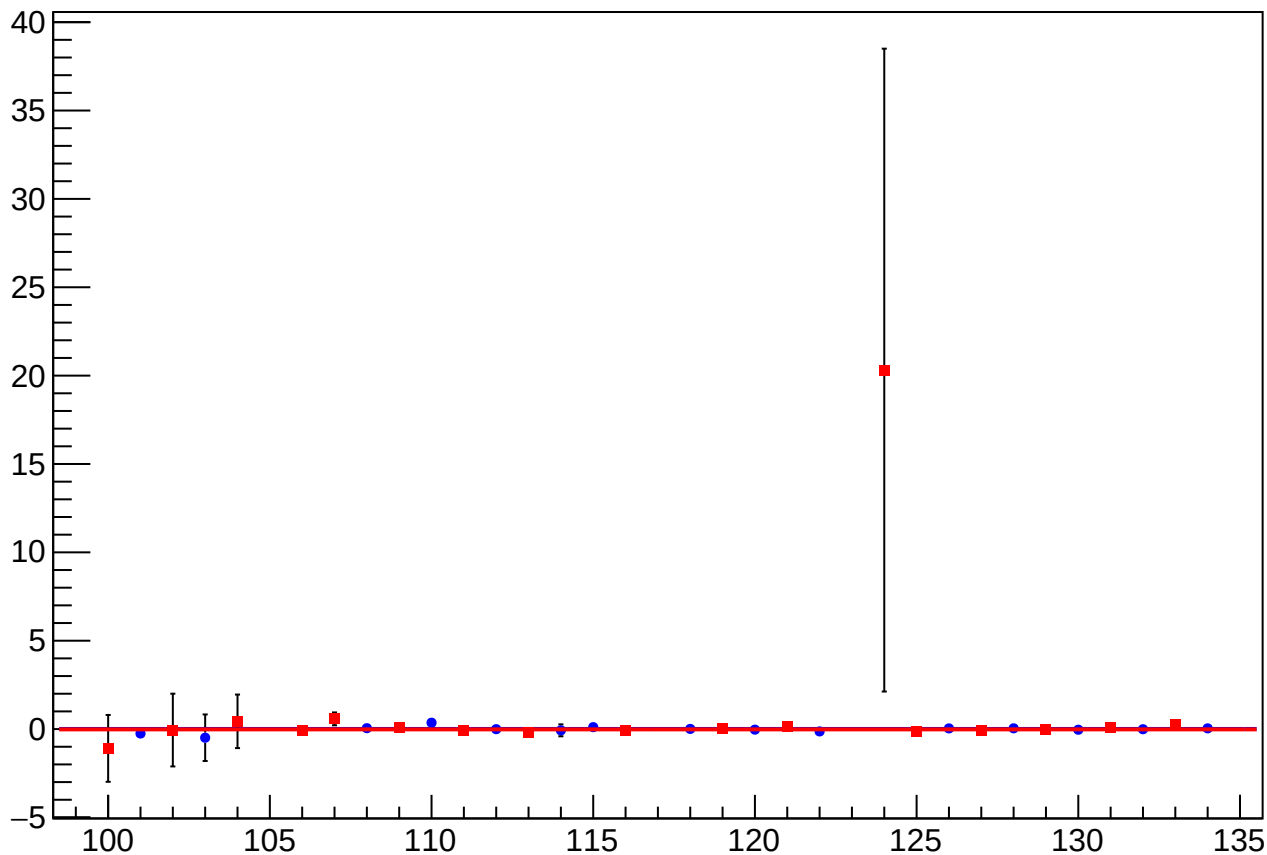
Right: 0.000+/-0.000 χ^2/NDF : 1595763.6/31

In: 0.000+/-0.000 χ^2/NDF : 940834.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1595763.6/31

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.017+/-0.026 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

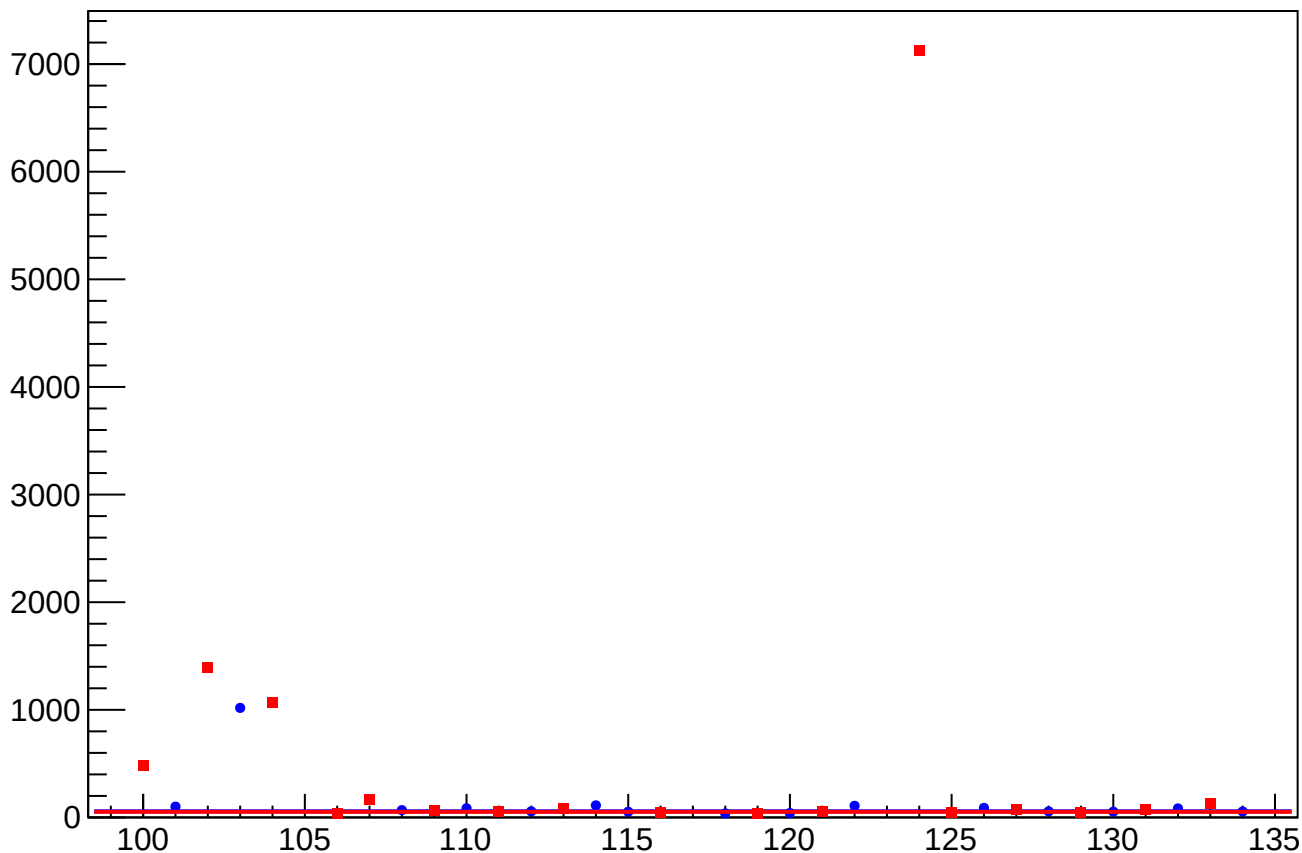
Right: -0.006+/-0.019 χ^2/NDF : 28.5/31

In: 0.007+/-0.027 χ^2/NDF :11.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.019 χ^2/NDF : 28.5/31

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.180+/-0.019 χ^2/NDF : 2061193.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.296+/-0.019 χ^2/NDF : 3190155.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

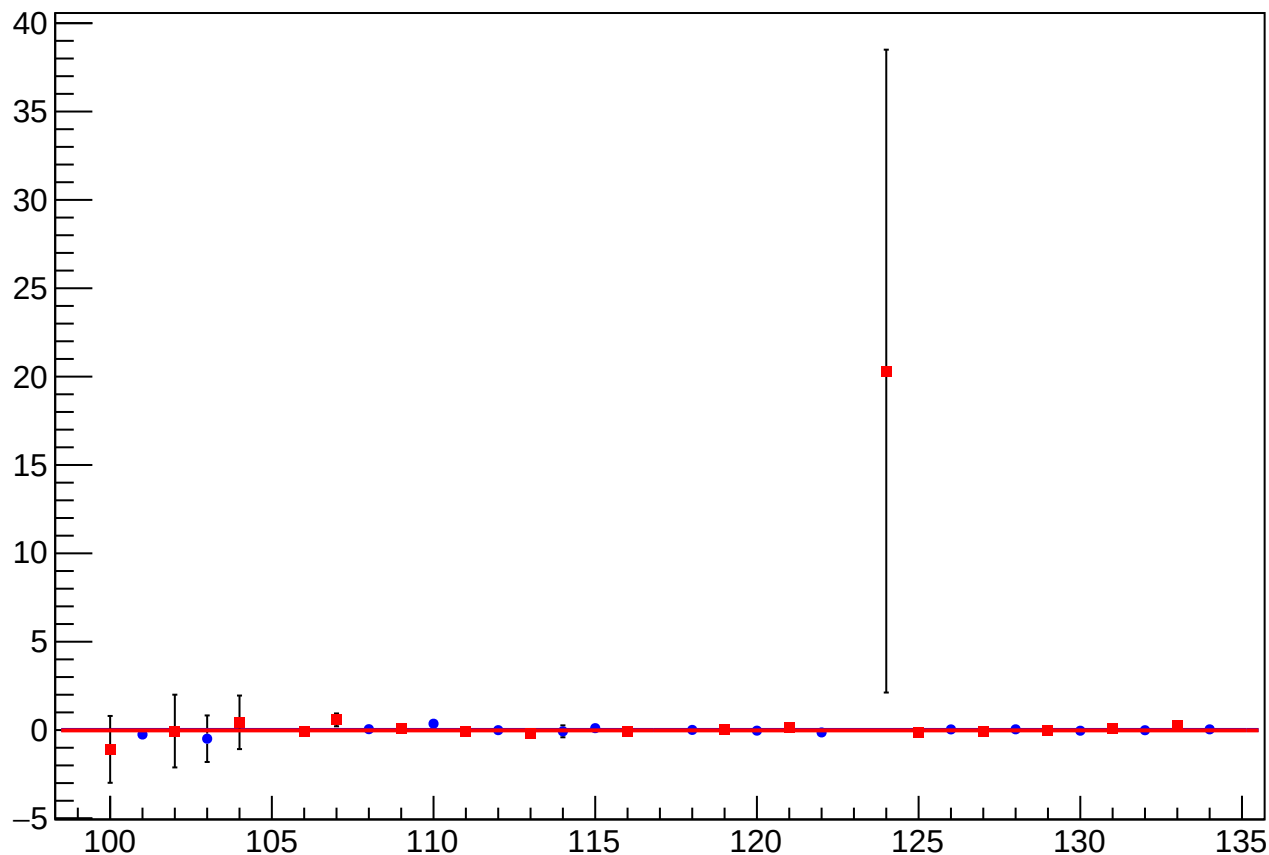
Right: 54.661+/-0.013 χ^2/NDF : 5284447.7/31

In: 57.180+/-0.019 χ^2/NDF : 2061193.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.661+/-0.013 χ^2/NDF : 5284447.7/31

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.026 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

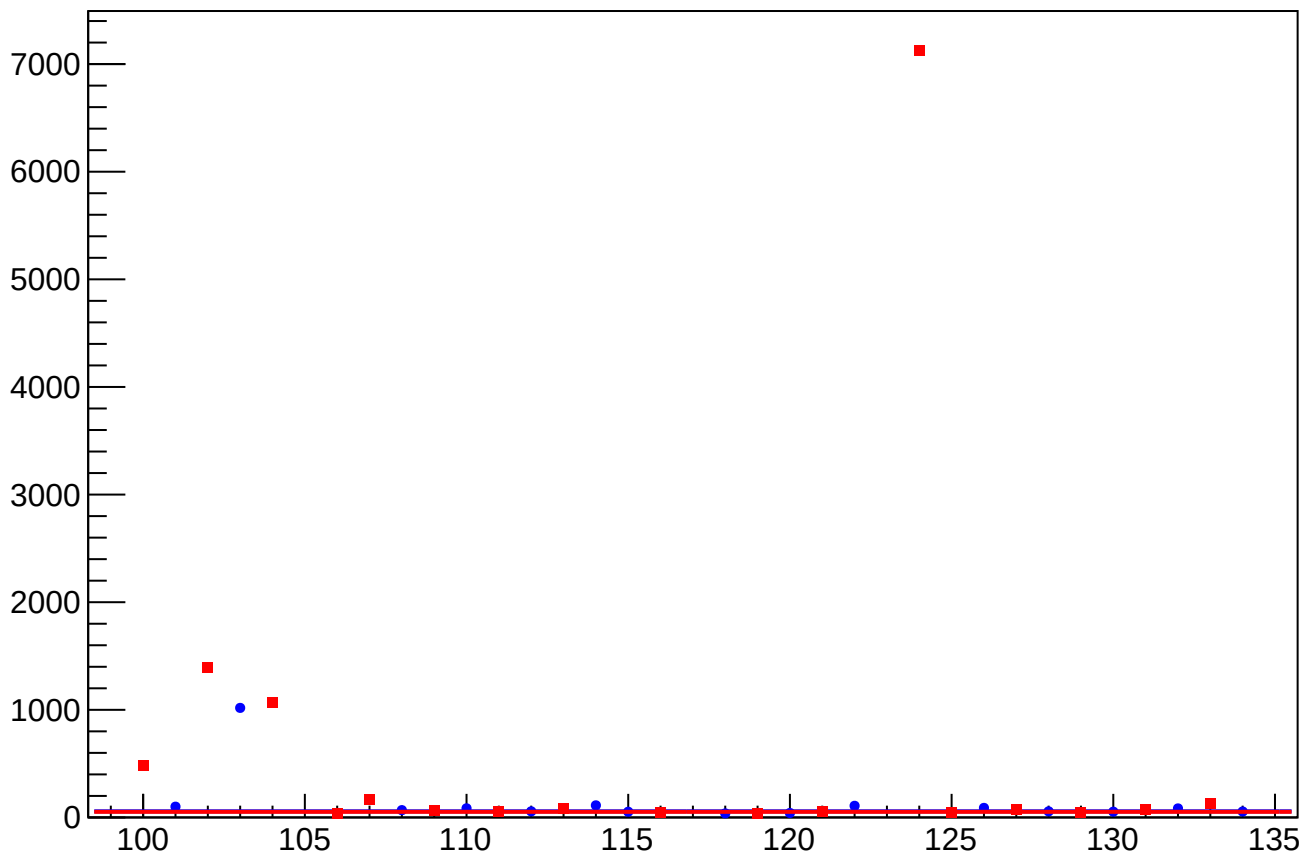
Right: -0.006+/-0.019 χ^2/NDF : 28.5/31

In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.019 χ^2/NDF : 28.5/31

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.180+/-0.019 χ^2/NDF : 2061193.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.296+/-0.019 χ^2/NDF : 3190155.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

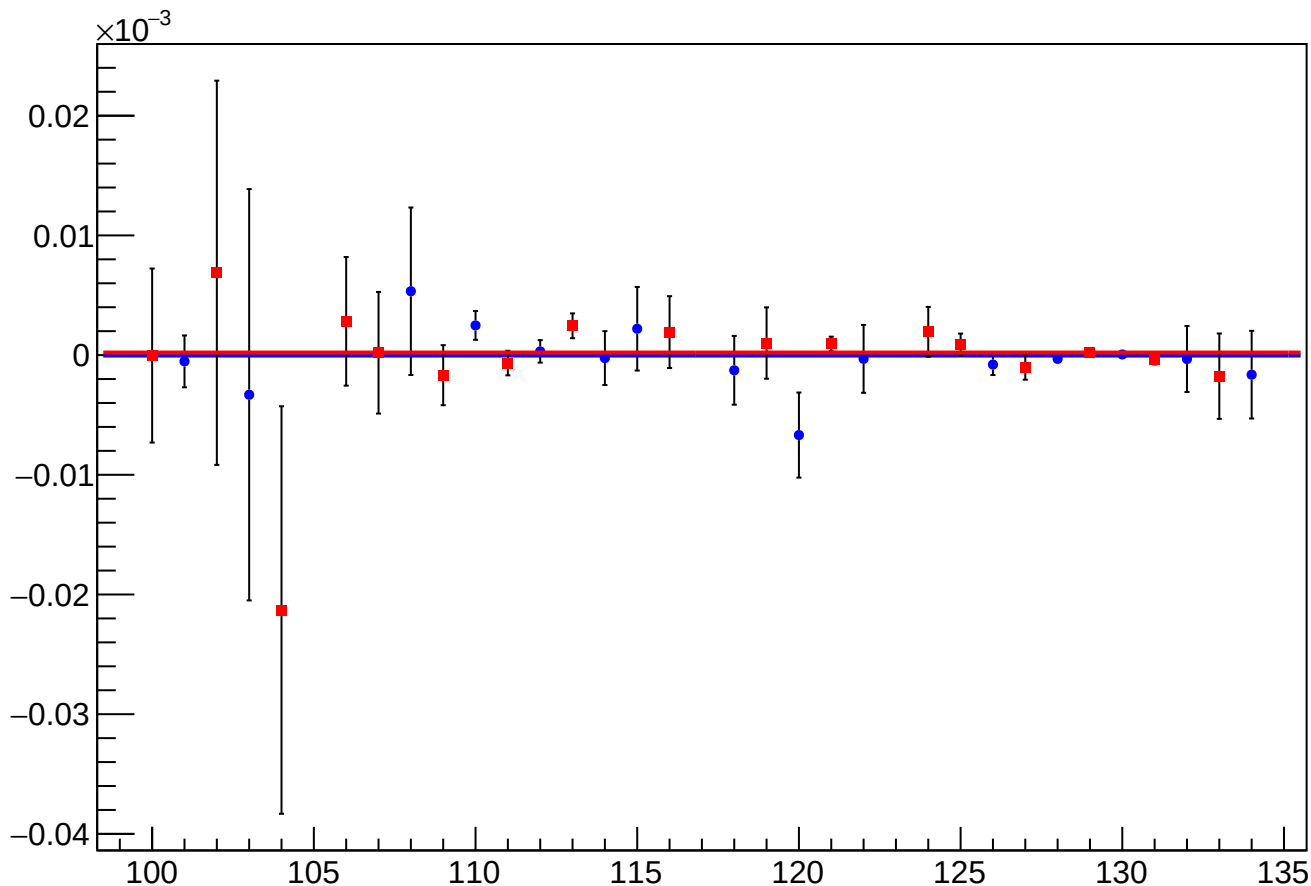
Right: 54.661+/-0.013 χ^2/NDF : 5284447.7/31

In: 57.180+/-0.019 χ^2/NDF : 2061193.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.661+/-0.013 χ^2/NDF : 5284447.7/31

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

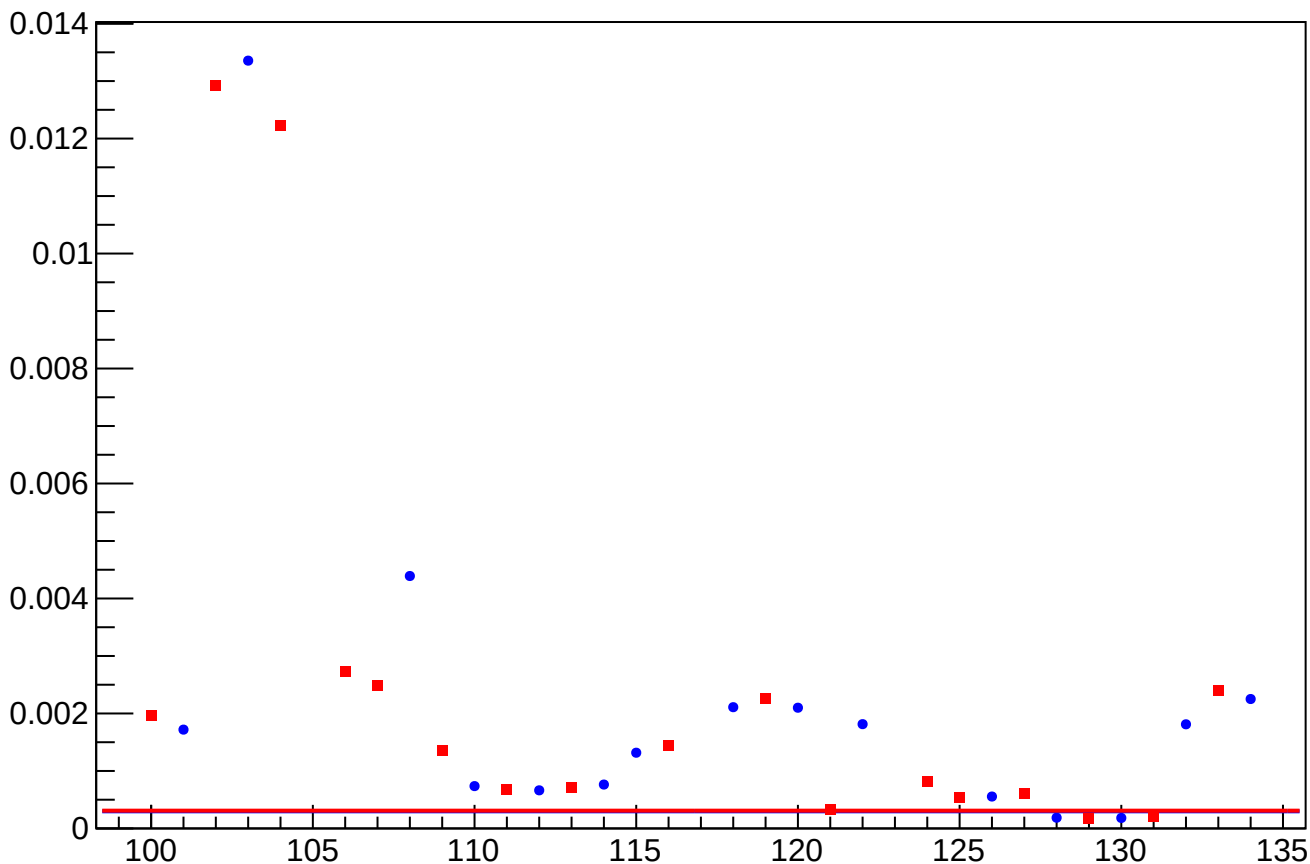
Right: 0.000+/-0.000 χ^2/NDF : 26.0/31

In: -0.000+/-0.000 χ^2/NDF : 10.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/31

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7330419.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6867757.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

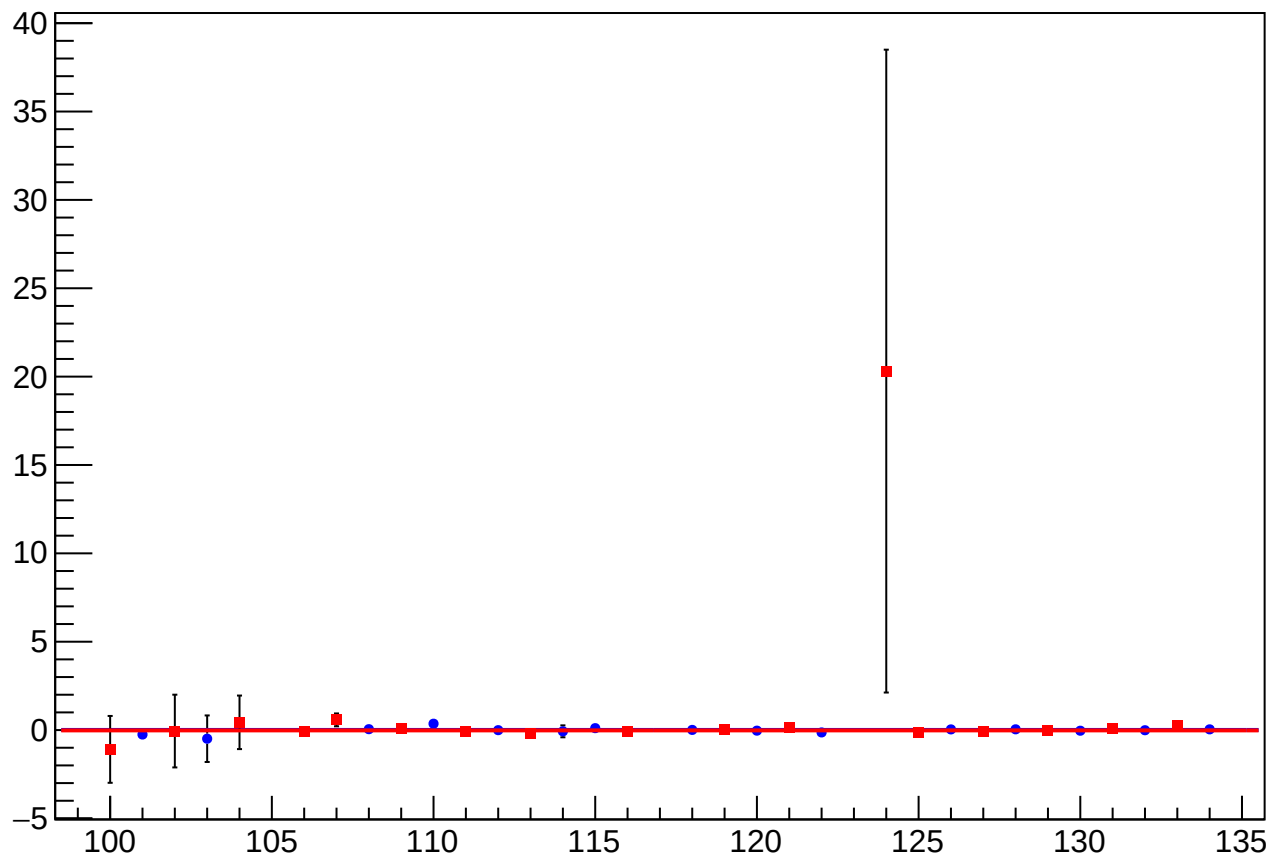
Right: 0.000+/-0.000 χ^2/NDF : 14201675.9/31

In: 0.000+/-0.000 χ^2/NDF : 7330419.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14201675.9/31

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.026 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

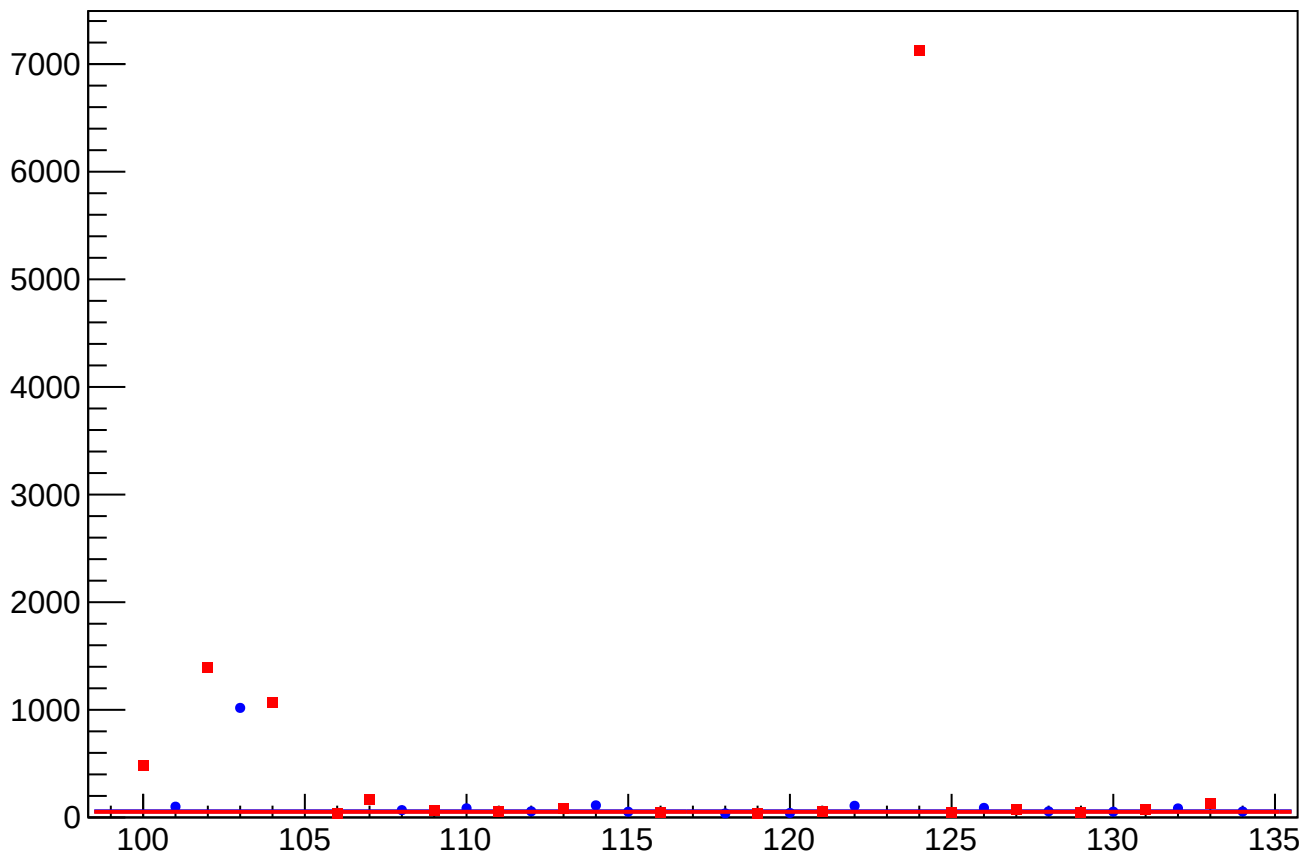
Right: -0.006+/-0.019 χ^2/NDF : 28.5/31

In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.019 χ^2/NDF : 28.5/31

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.180+/-0.019 χ^2/NDF : 2061202.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.295+/-0.019 χ^2/NDF : 3190205.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

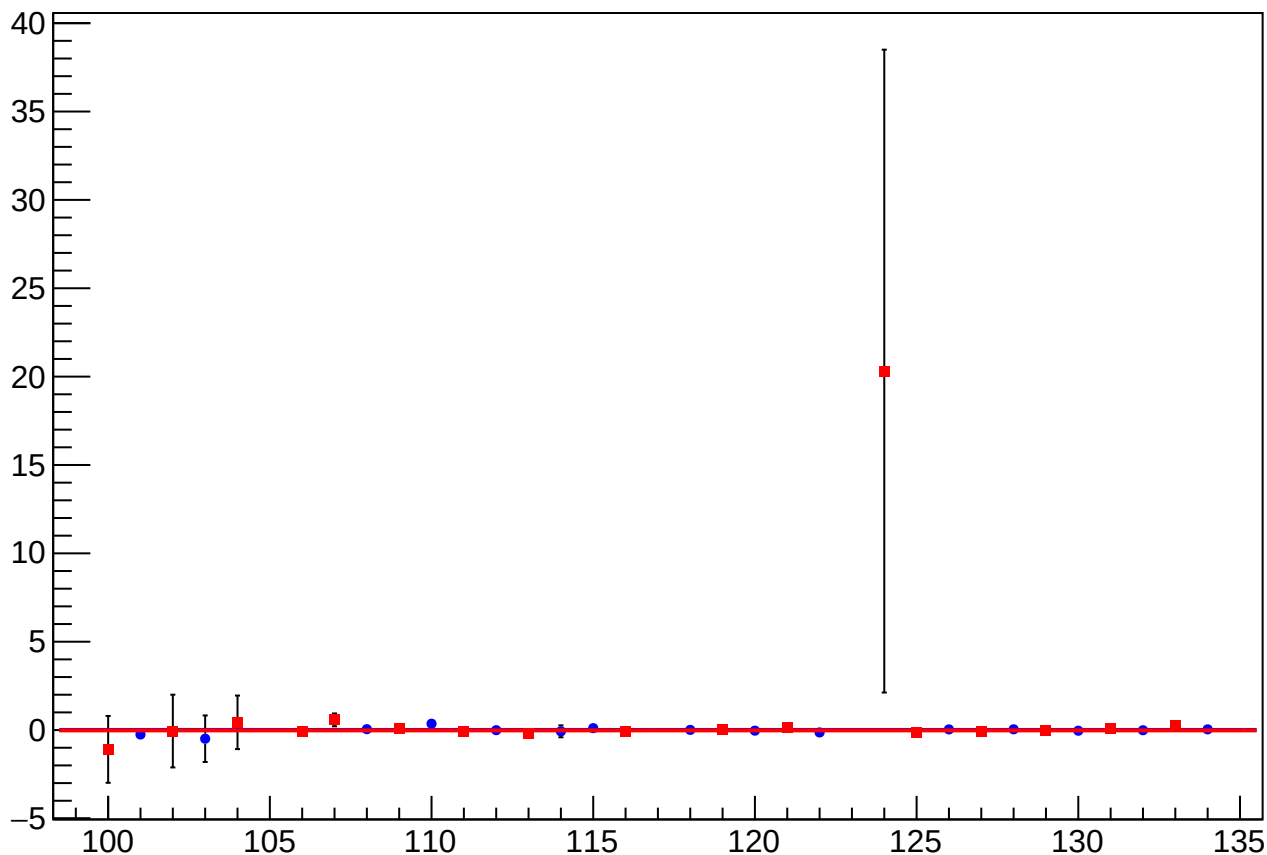
Right: 54.660+/-0.013 χ^2/NDF : 5284518.0/31

In: 57.180+/-0.019 χ^2/NDF : 2061202.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.660+/-0.013 χ^2/NDF : 5284518.0/31

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.026 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

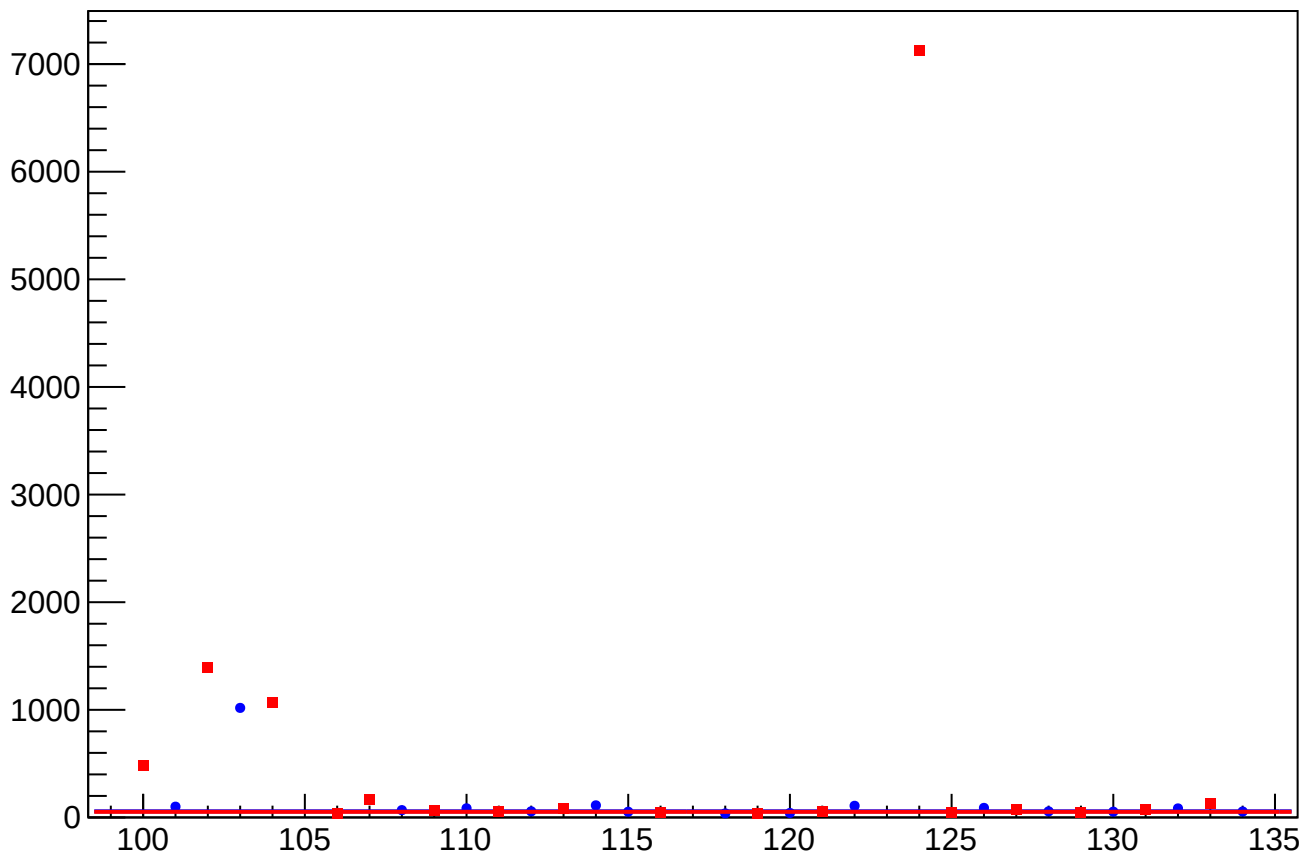
Right: -0.006+/-0.019 χ^2/NDF : 28.5/31

In: 0.007+/-0.027 χ^2/NDF : 11.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.019 χ^2/NDF : 28.5/31

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.180+/-0.019 χ^2/NDF : 2061202.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.295+/-0.019 χ^2/NDF : 3190205.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

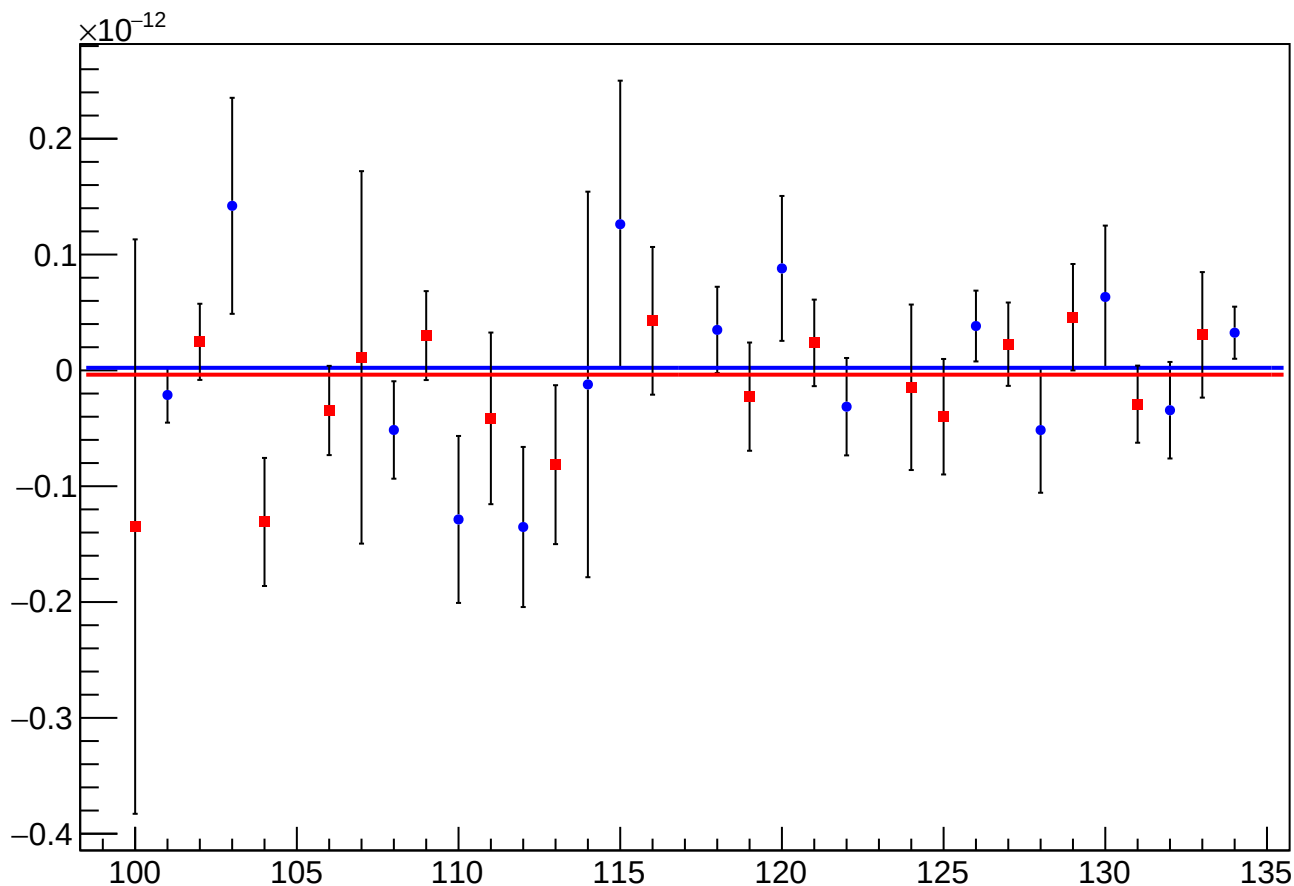
Right: 54.660+/-0.013 χ^2/NDF : 5284518.0/31

In: 57.180+/-0.019 χ^2/NDF :2061202.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.660+/-0.013 χ^2/NDF : 5284518.0/31

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

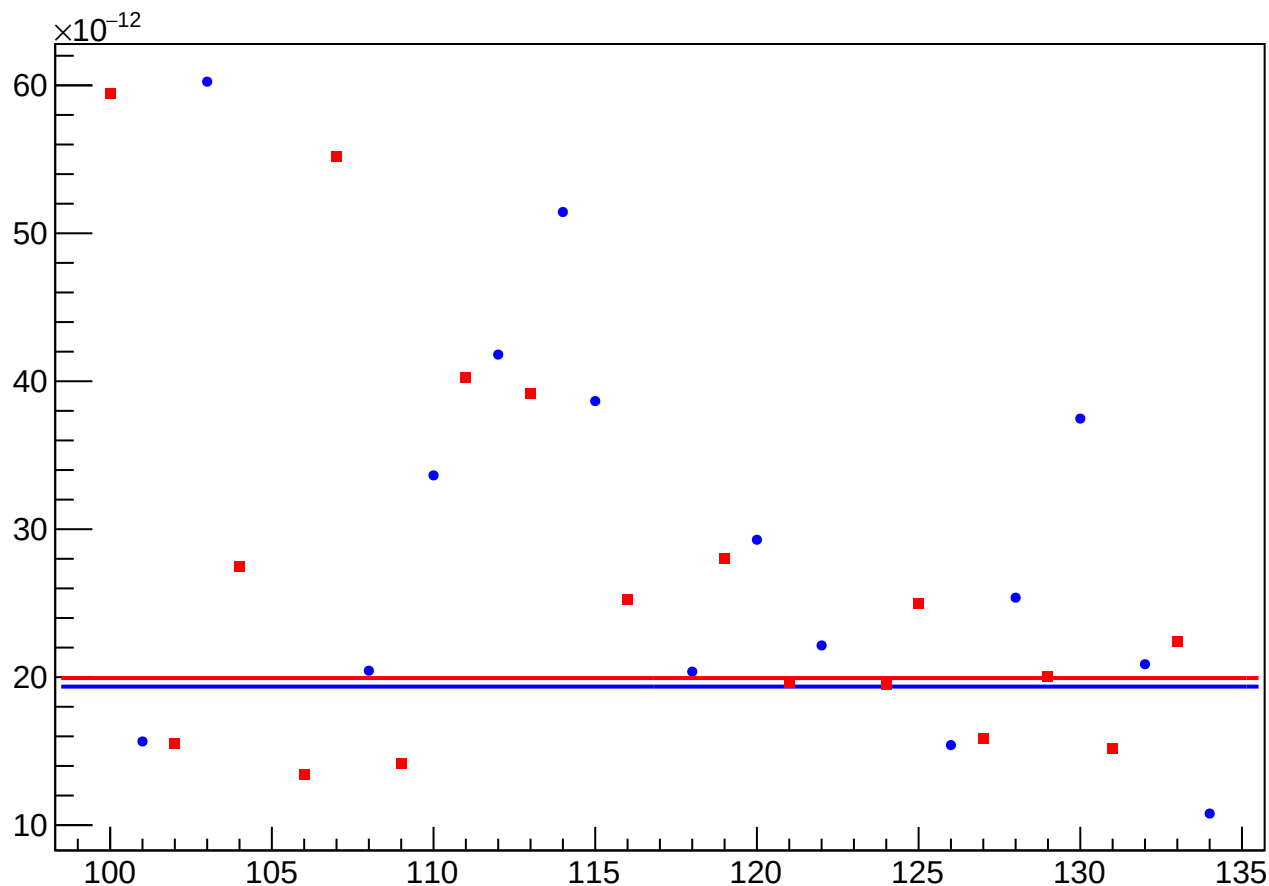
Right: -0.000+/-0.000 χ^2/NDF : 36.2/31

In: 0.000+/-0.000 χ^2/NDF : 22.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/31

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1431455.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 796356.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

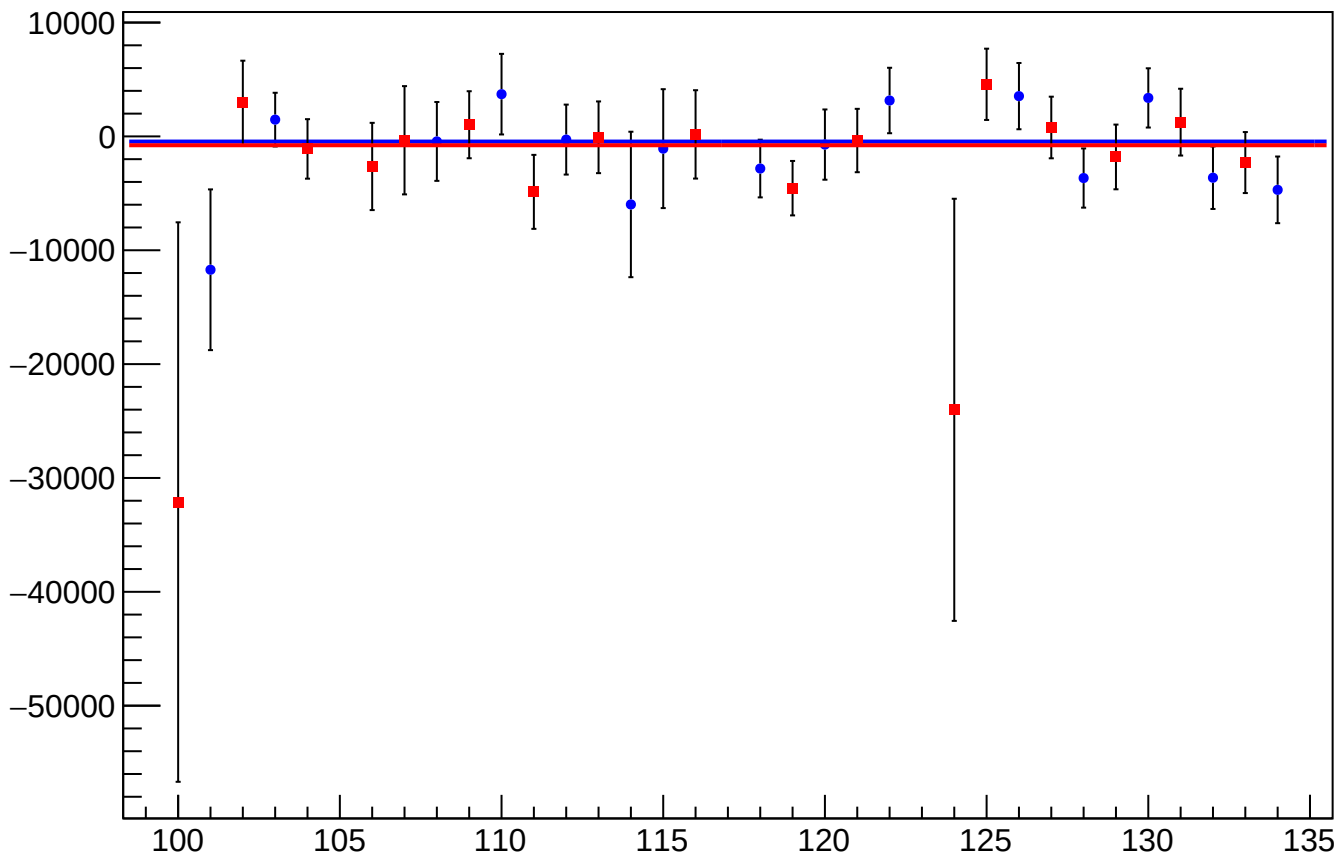
Right: 0.000+/-0.000 χ^2/NDF : 2230516.3/31

In: 0.000+/-0.000 χ^2/NDF :1431455.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2230516.3/31

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -453.008+/-796.797 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -777.531+/-781.972 χ^2/NDF : 13.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

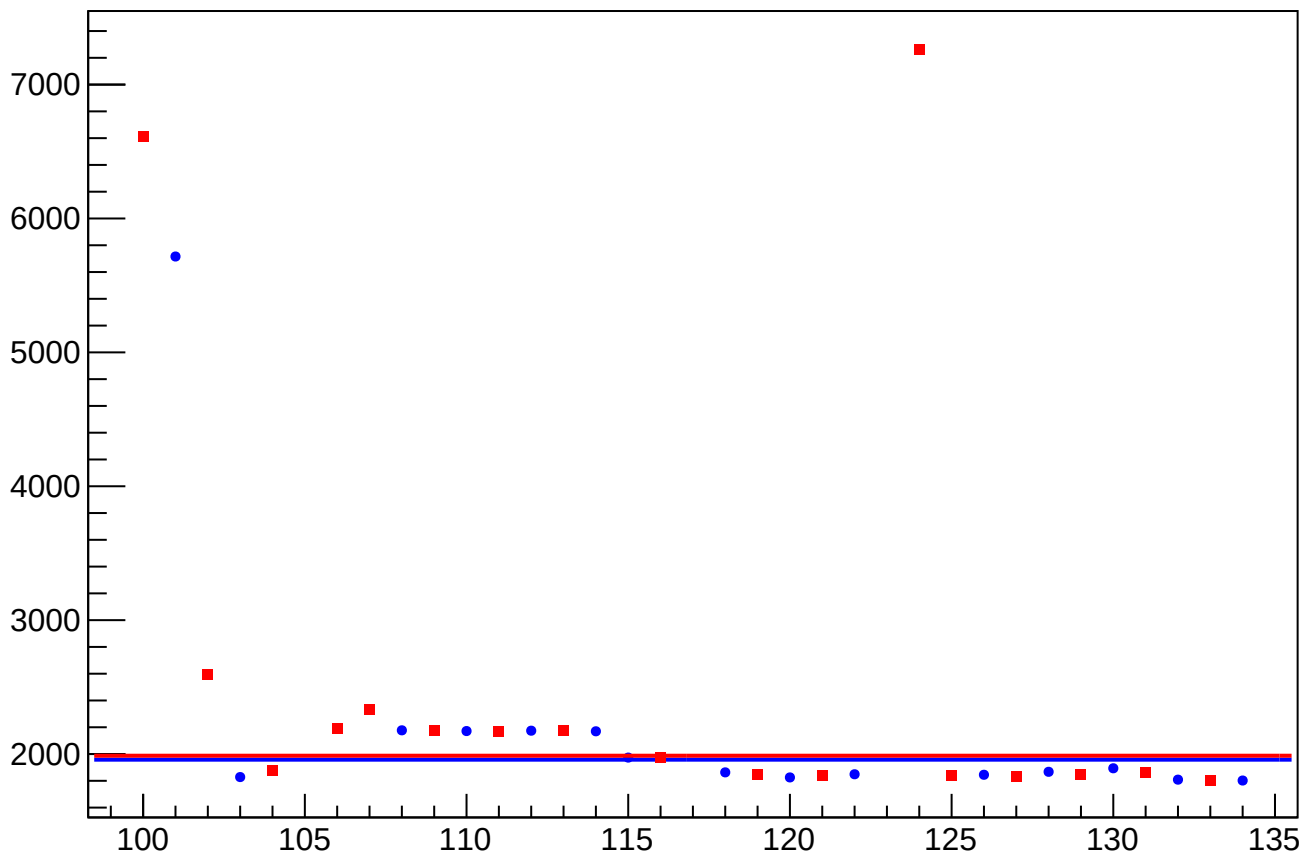
Right: -618.316+/-558.105 χ^2/NDF : 30.1/31

In: -453.008+/-796.797 χ^2/NDF : 16.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.316+/-558.105 χ^2/NDF : 30.1/31

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1957.940+/-0.563 χ^2/NDF : 628008.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1987.474+/-0.553 χ^2/NDF : 368791.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

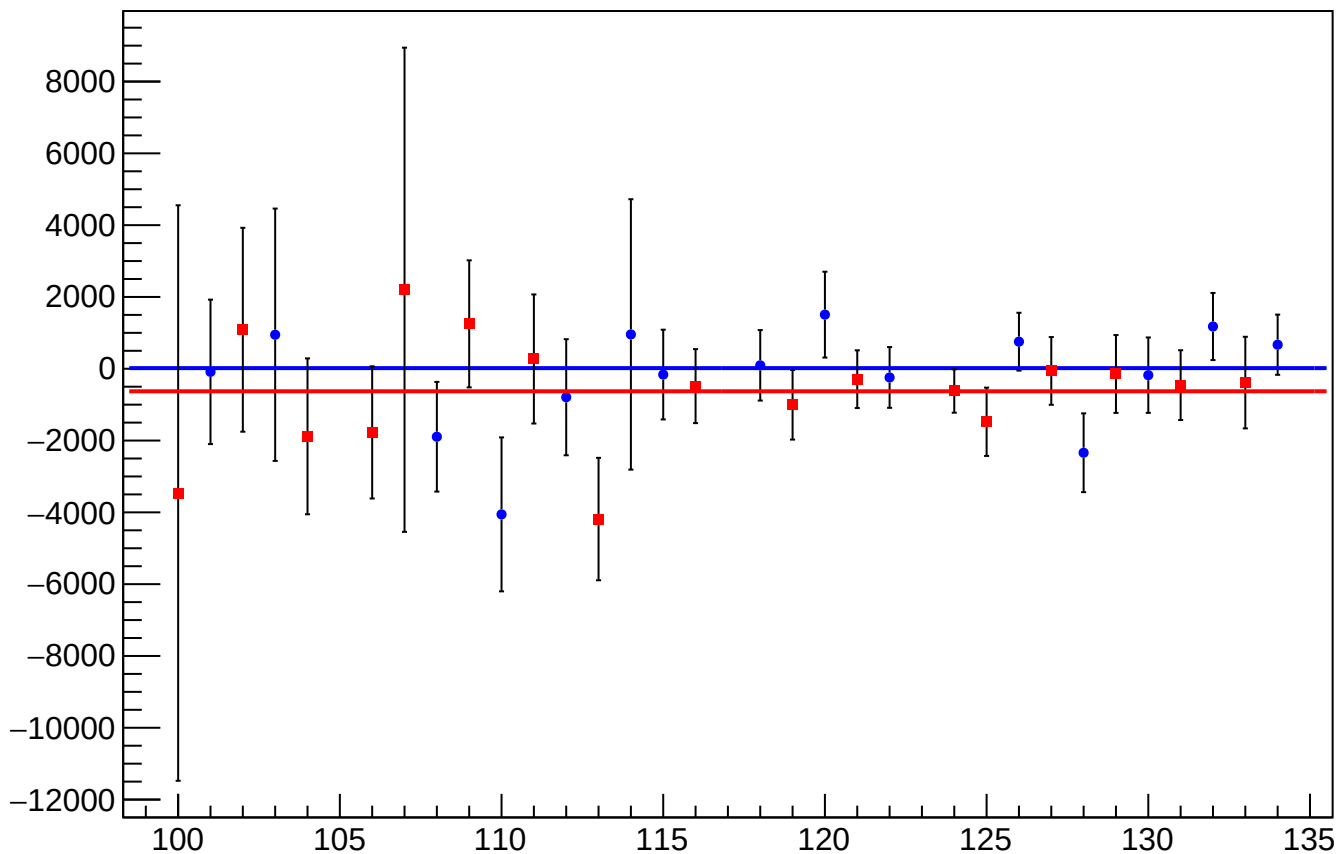
Right: 1972.984+/-0.395 χ^2/NDF : 998199.7/31

In: 1957.940+/-0.563 χ^2/NDF : 628008.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.984+/-0.395 χ^2/NDF : 998199.7/31

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 17.611+/-300.849 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -627.570+/-280.822 χ^2/NDF : 8.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

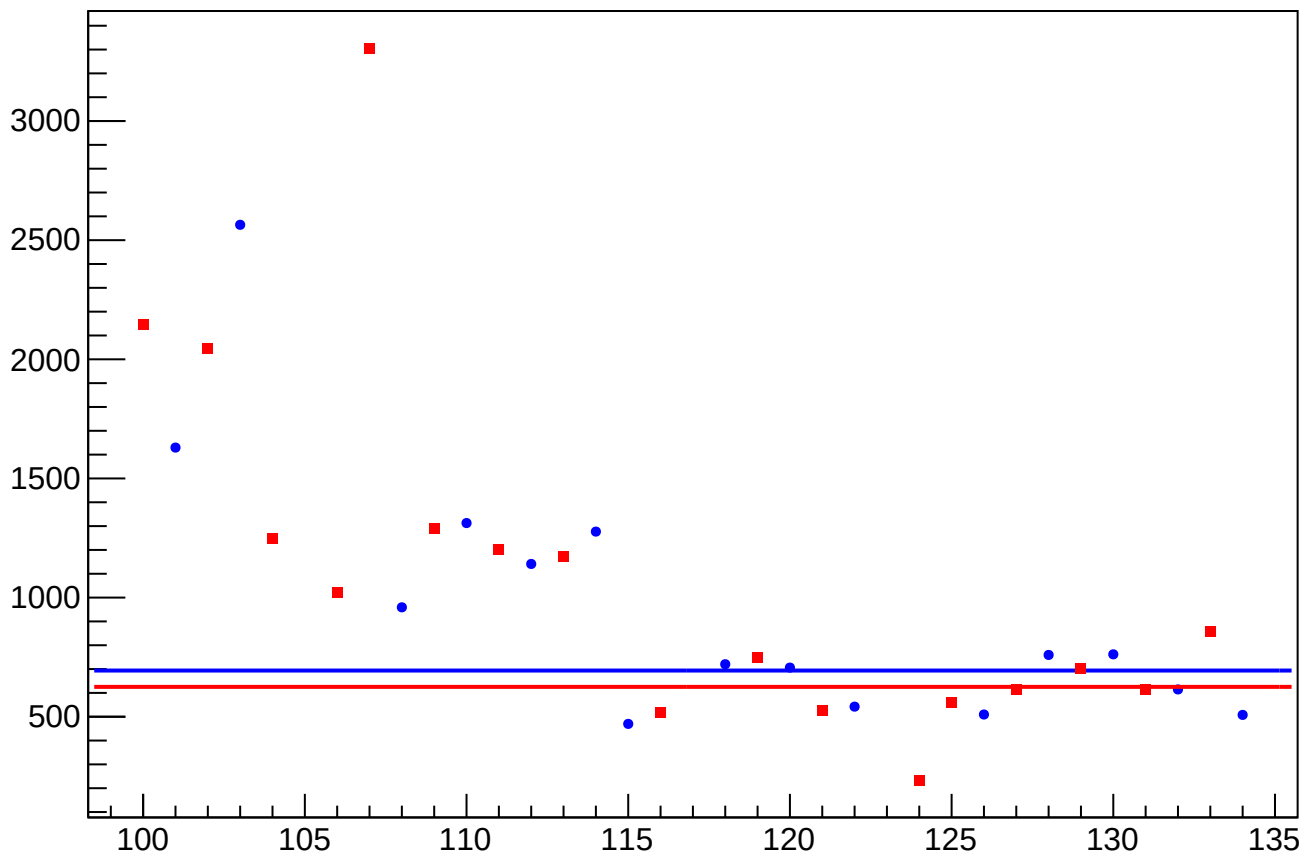
Right: -327.166+/-205.286 χ^2/NDF : 26.2/31

In: 17.611+/-300.849 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.166+/-205.286 χ^2/NDF : 26.2/31

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 693.822+/-0.213 χ^2/NDF : 1790950.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 625.281+/-0.199 χ^2/NDF : 2854545.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

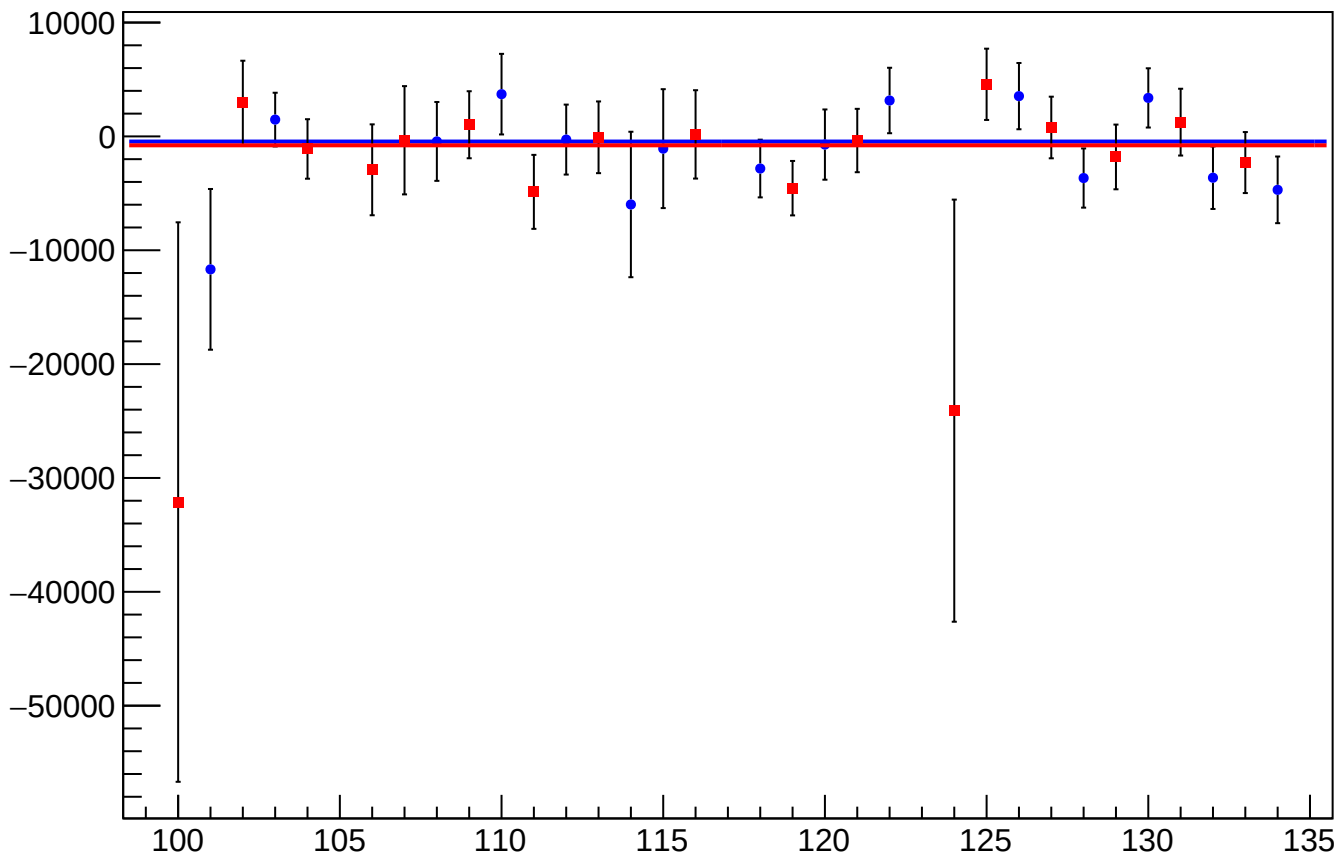
Right: 657.194+/-0.145 χ^2/NDF : 4700970.0/31

In: 693.822+/-0.213 χ^2/NDF : 1790950.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.194+/-0.145 χ^2/NDF : 4700970.0/31

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -452.058+/-796.797 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -783.483+/-783.260 χ^2/NDF : 13.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

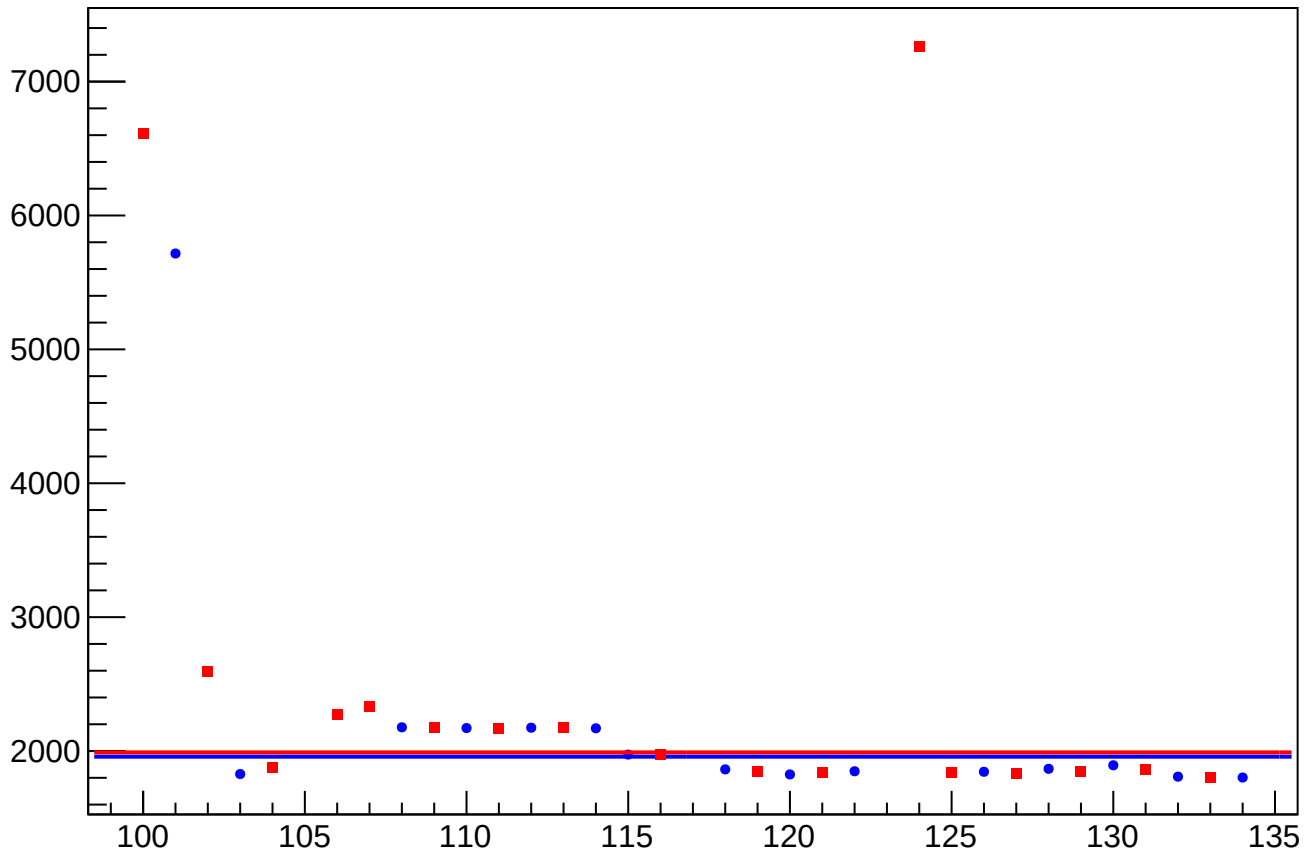
Right: -620.610+/-558.573 χ^2/NDF : 30.2/31

In: -452.058+/-796.797 χ^2/NDF : 16.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.610+/-558.573 χ^2/NDF : 30.2/31

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1957.940+/-0.563 χ^2/NDF : 628008.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1989.969+/-0.554 χ^2/NDF : 373292.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

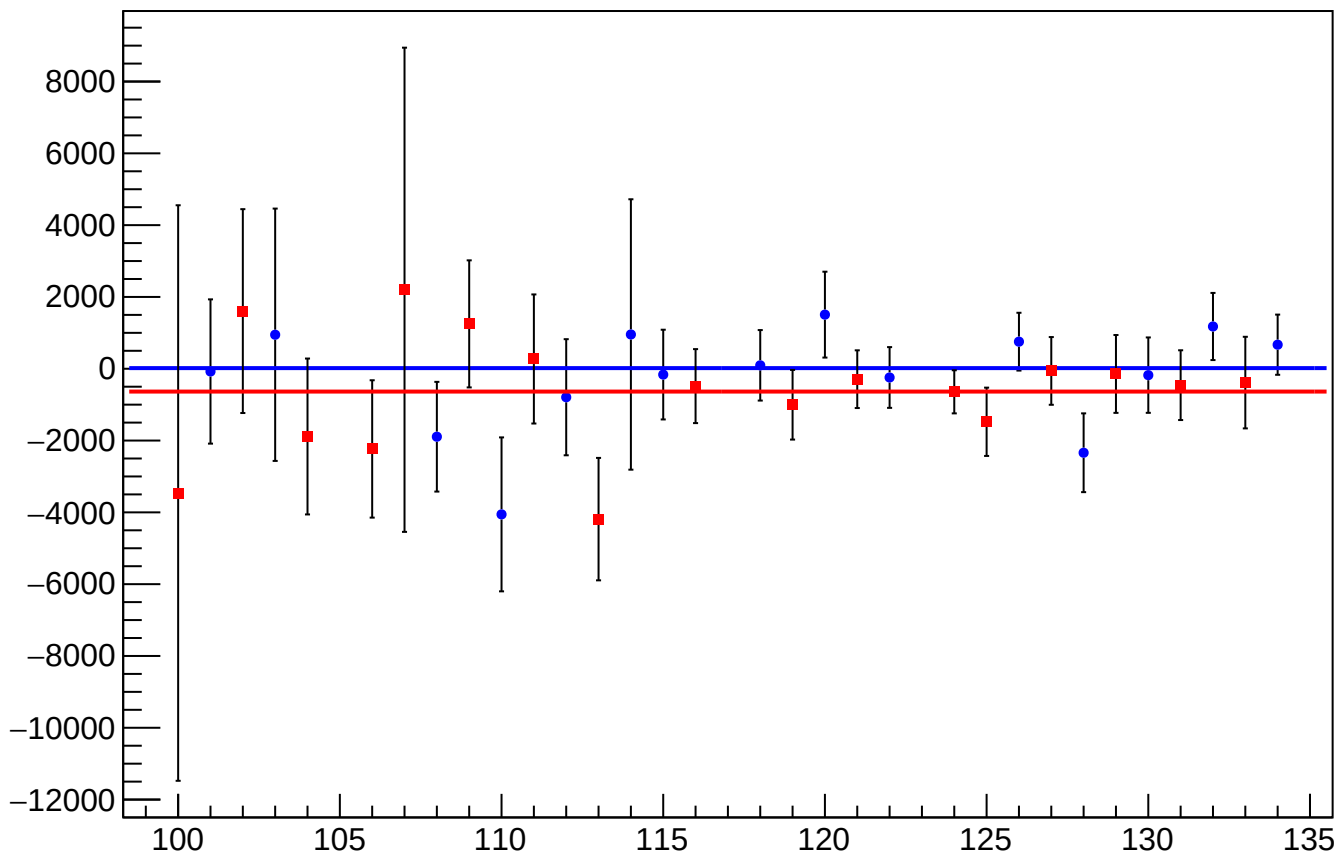
Right: 1974.229+/-0.395 χ^2/NDF : 1002944.3/31

In: 1957.940+/-0.563 χ^2/NDF : 628008.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.229+/-0.395 χ^2/NDF : 1002944.3/31

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 17.748+/-300.832 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.672+/-280.620 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

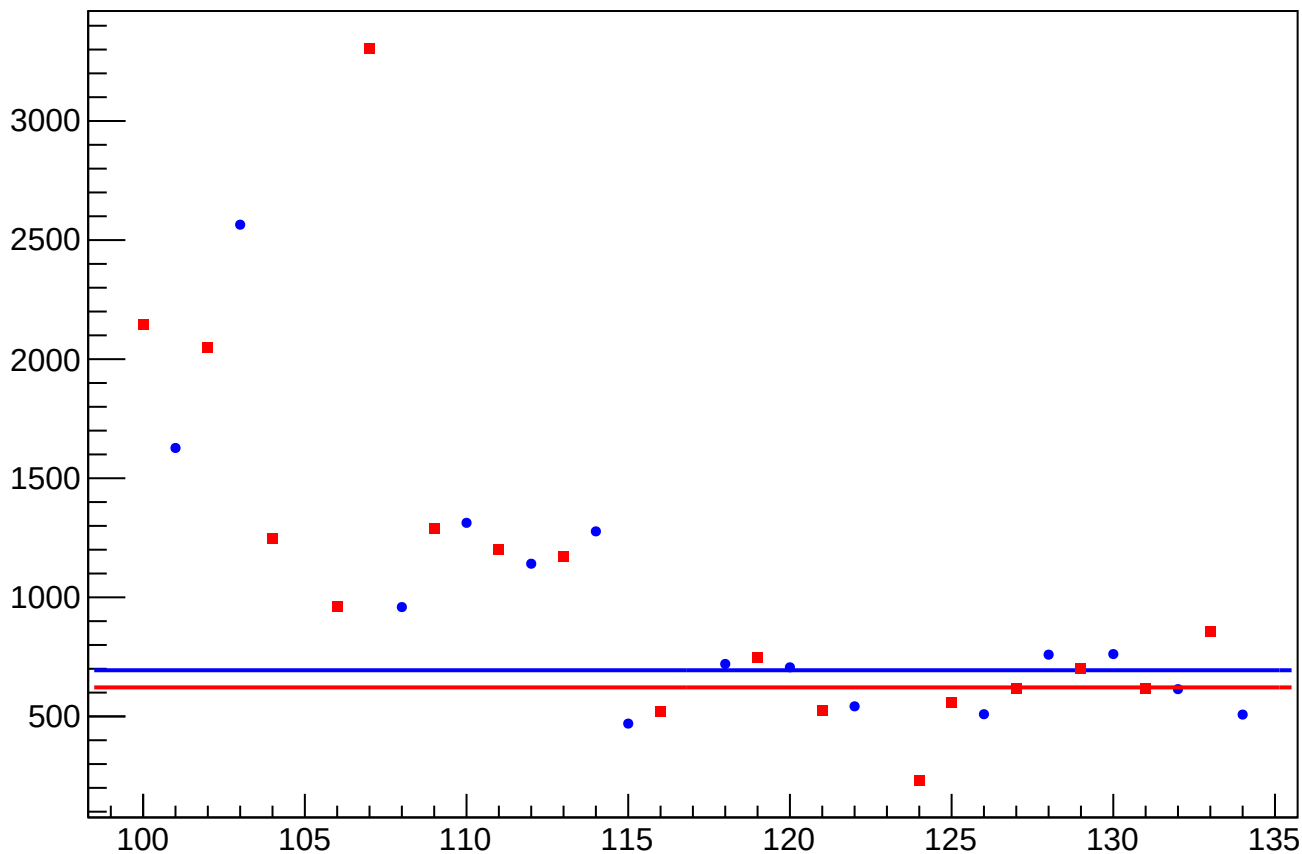
Right: -331.649+/-205.202 χ^2/NDF : 26.9/31

In: 17.748+/-300.832 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.649+/-205.202 χ^2/NDF : 26.9/31

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 693.814+/-0.213 χ^2/NDF : 1790086.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 621.839+/-0.198 χ^2/NDF : 2845243.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

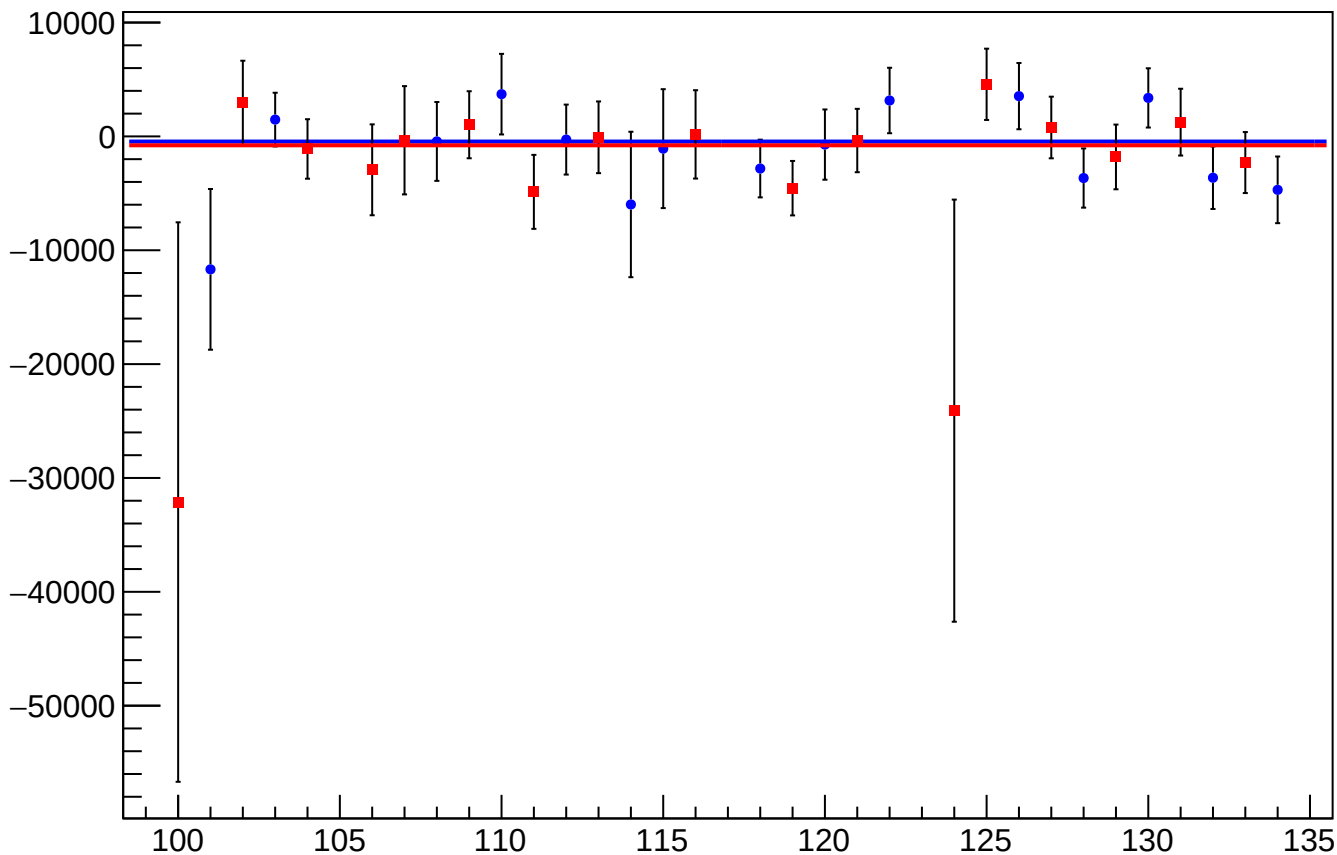
Right: 655.327+/-0.145 χ^2/NDF : 4696547.7/31

In: 693.814+/-0.213 χ^2/NDF :1790086.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 655.327+/-0.145 χ^2/NDF : 4696547.7/31

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -452.058+/-796.797 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -783.483+/-783.260 χ^2/NDF : 13.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

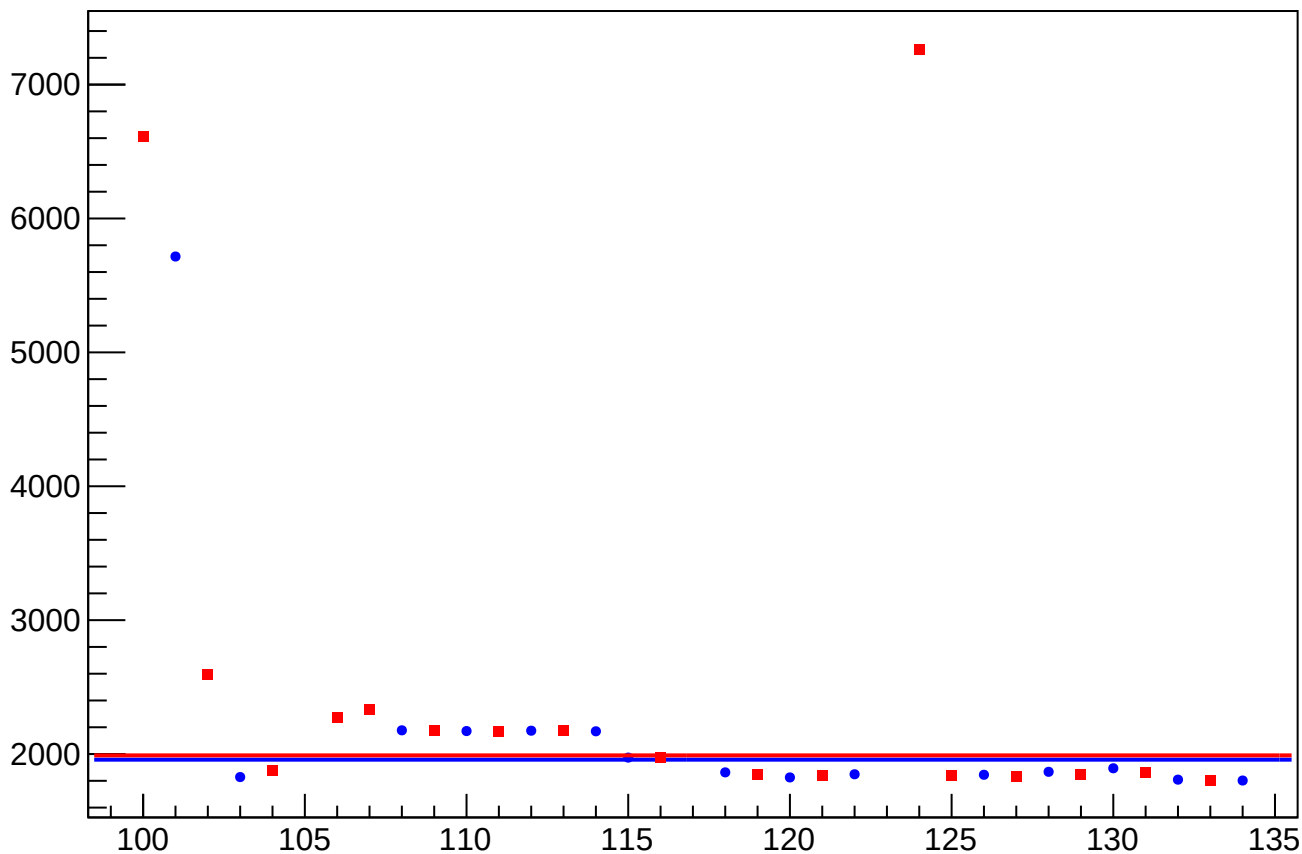
Right: -620.610+/-558.573 χ^2/NDF : 30.2/31

In: -452.058+/-796.797 χ^2/NDF : 16.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.610+/-558.573 χ^2/NDF : 30.2/31

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1957.940+/-0.563 χ^2/NDF : 628008.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1989.969+/-0.554 χ^2/NDF : 373292.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

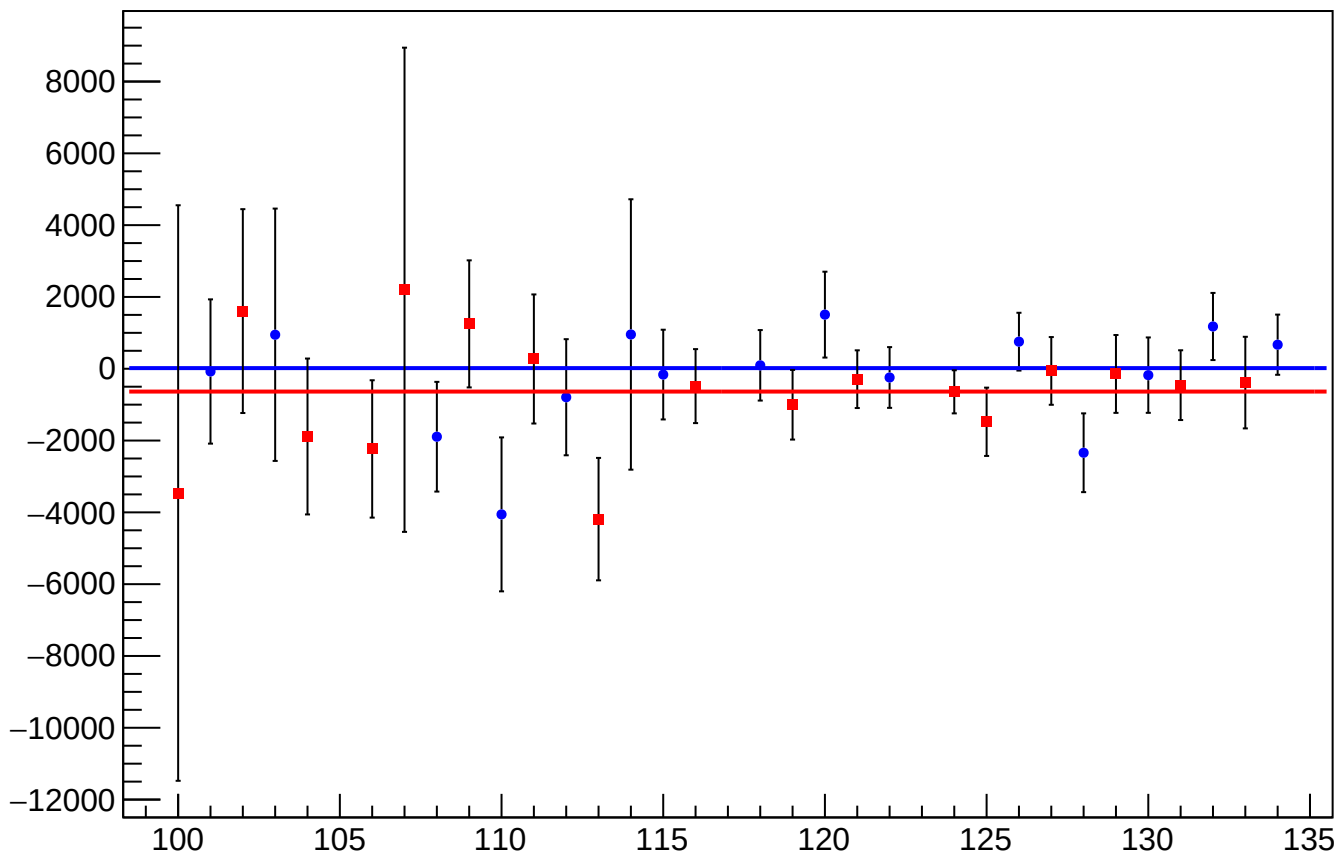
Right: 1974.229+/-0.395 χ^2/NDF : 1002944.3/31

In: 1957.940+/-0.563 χ^2/NDF : 628008.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.229+/-0.395 χ^2/NDF : 1002944.3/31

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 17.748+/-300.832 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.672+/-280.620 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

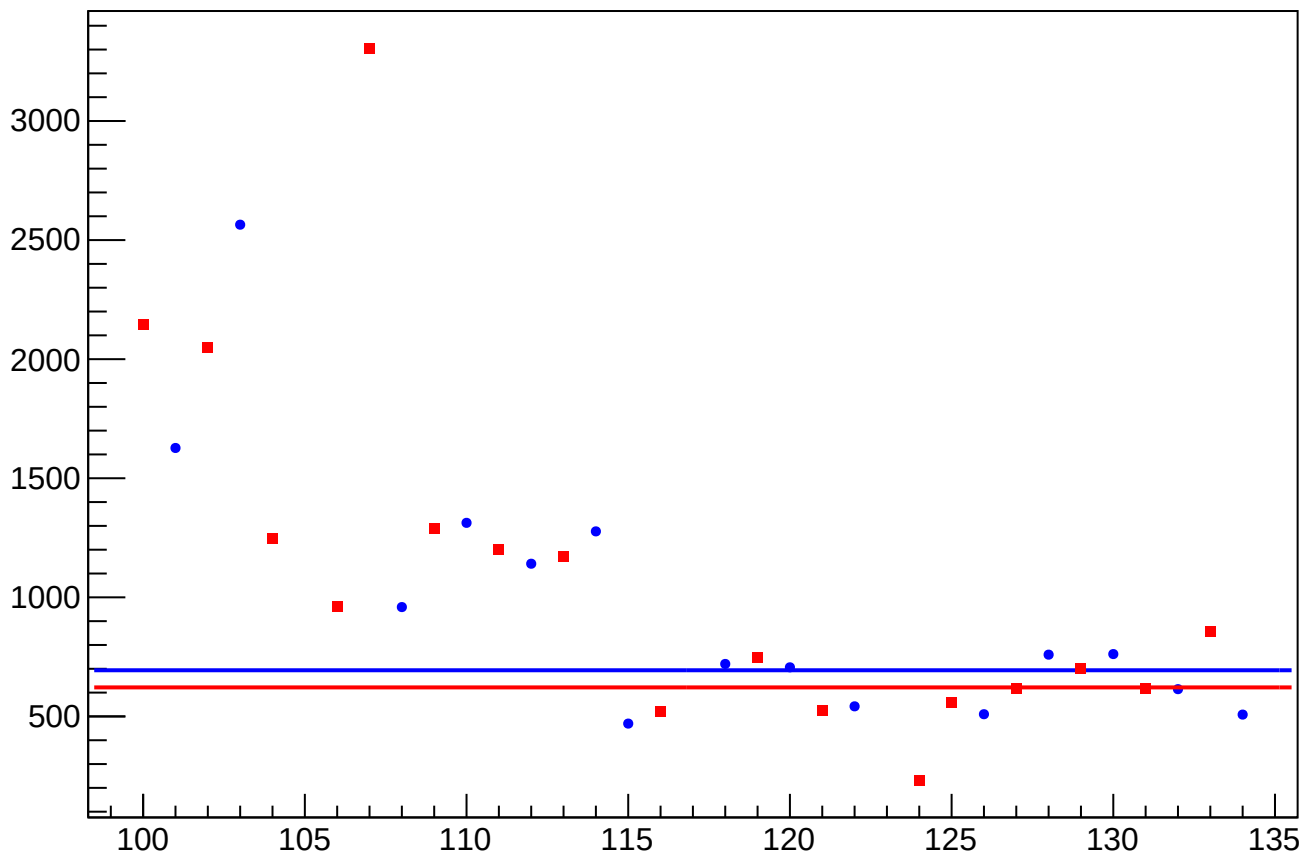
Right: -331.649+/-205.202 χ^2/NDF : 26.9/31

In: 17.748+/-300.832 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.649+/-205.202 χ^2/NDF : 26.9/31

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 693.814 $\pm$ 0.213 χ^2 /NDF: 1790086.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 621.839 $\pm$ 0.198 χ^2 /NDF: 2845243.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

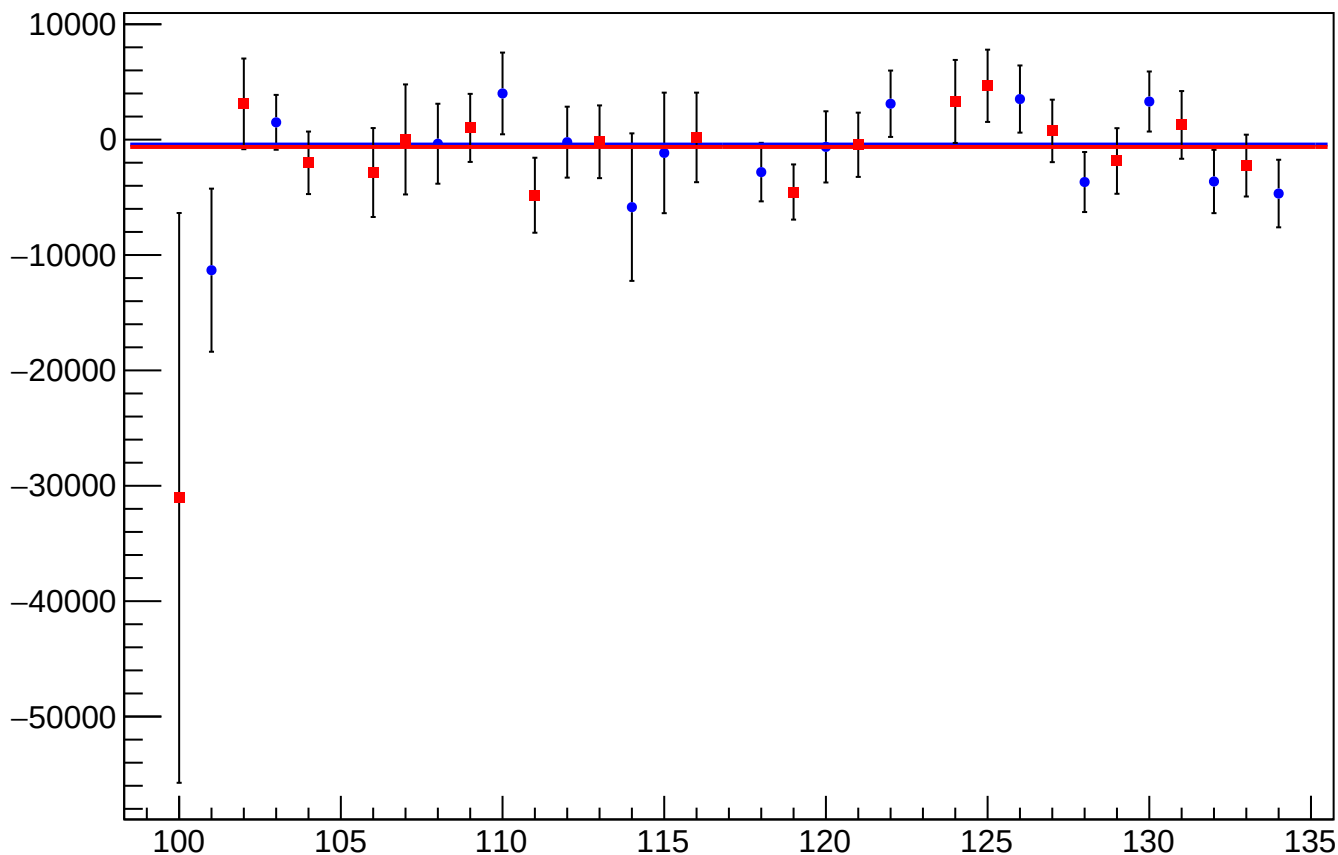
Right: 655.327 $\pm$ 0.145 χ^2 /NDF: 4696547.7/31

In: 693.814 $\pm$ 0.213 χ^2 /NDF:1790086.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 655.327 $\pm$ 0.145 χ^2 /NDF: 4696547.7/31

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -428.735+/-797.746 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -633.904+/-769.363 χ^2/NDF : 13.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

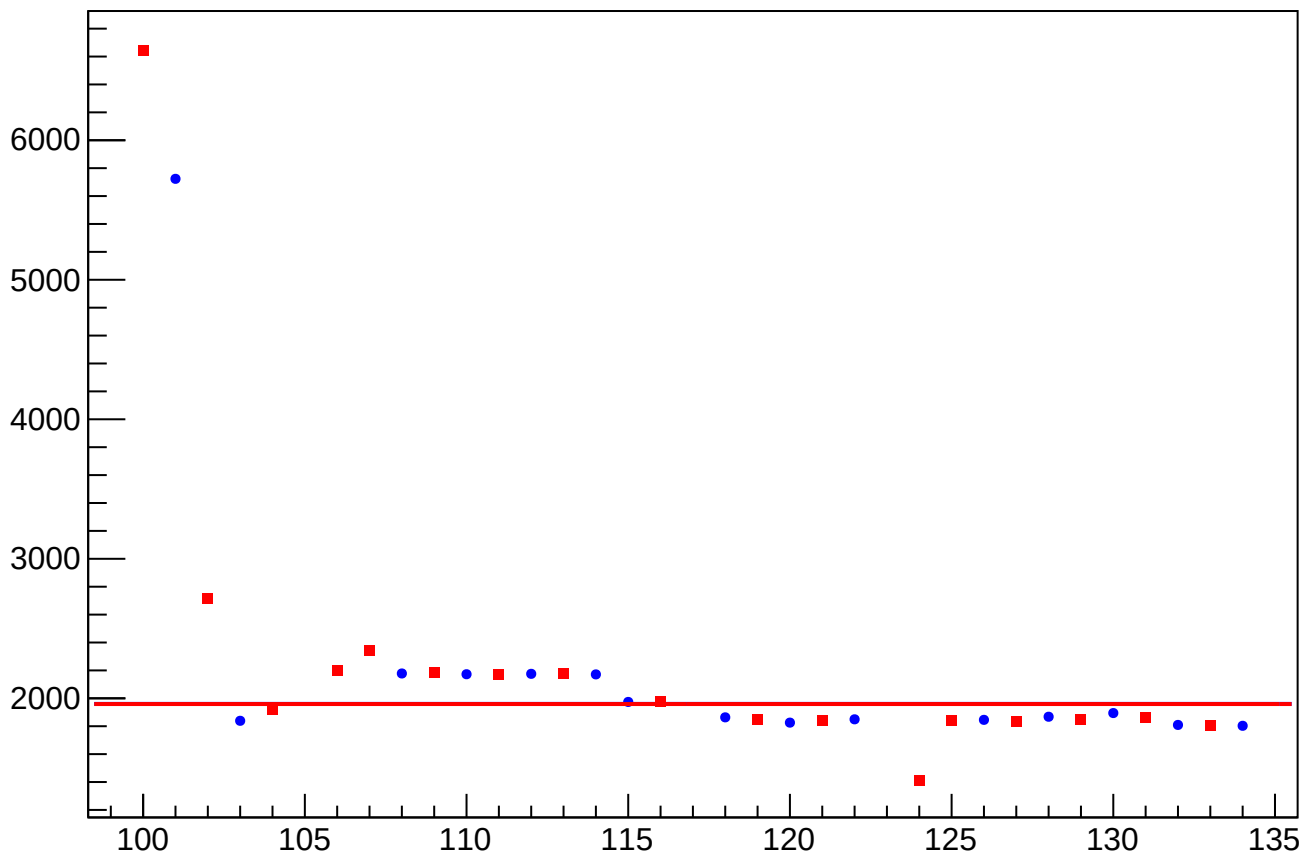
Right: -535.034+/-553.784 χ^2/NDF : 29.7/31

In: -428.735+/-797.746 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.034+/-553.784 χ^2/NDF : 29.7/31

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1959.958+/-0.564 χ^2/NDF : 627680.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1958.990+/-0.544 χ^2/NDF : 269760.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

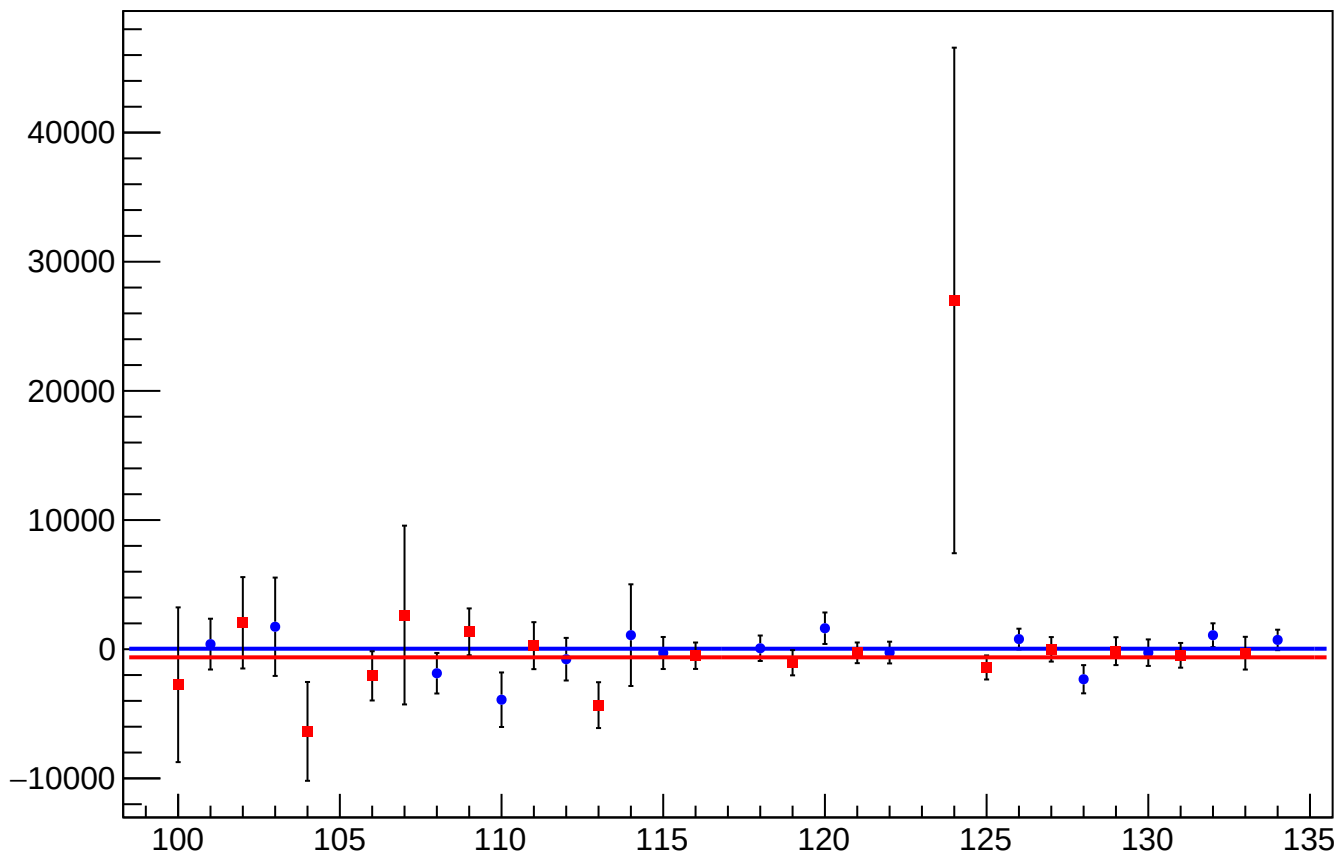
Right: 1959.457+/-0.392 χ^2/NDF : 897443.0/31

In: 1959.958+/-0.564 χ^2/NDF : 627680.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.457+/-0.392 χ^2/NDF : 897443.0/31

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 38.122+/-297.917 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -628.925+/-319.463 χ^2/NDF : 13.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

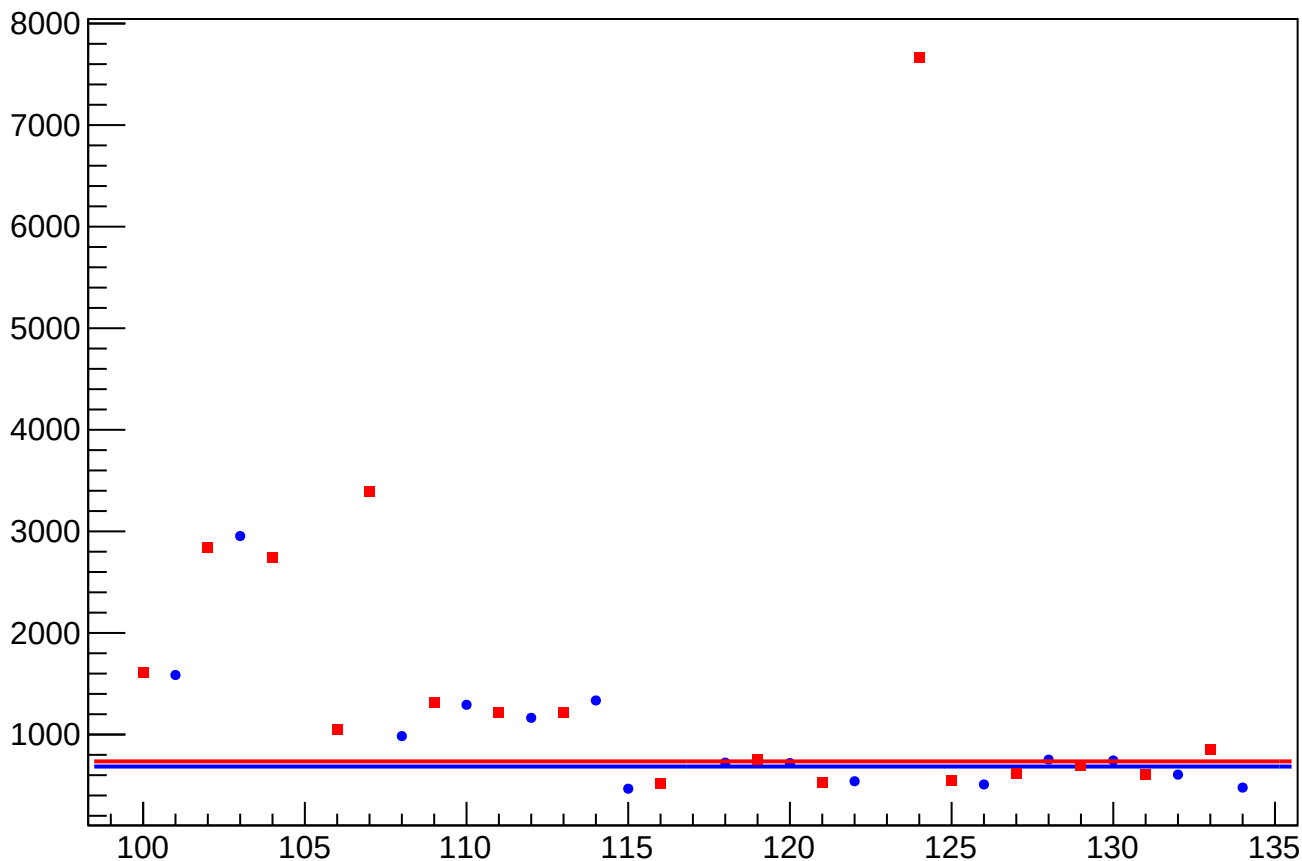
Right: -272.150+/-217.878 χ^2/NDF : 30.7/31

In: 38.122+/-297.917 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.150+/-217.878 χ^2/NDF : 30.7/31

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 684.873+/-0.211 χ^2/NDF : 1981594.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 735.583+/-0.226 χ^2/NDF : 2797320.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

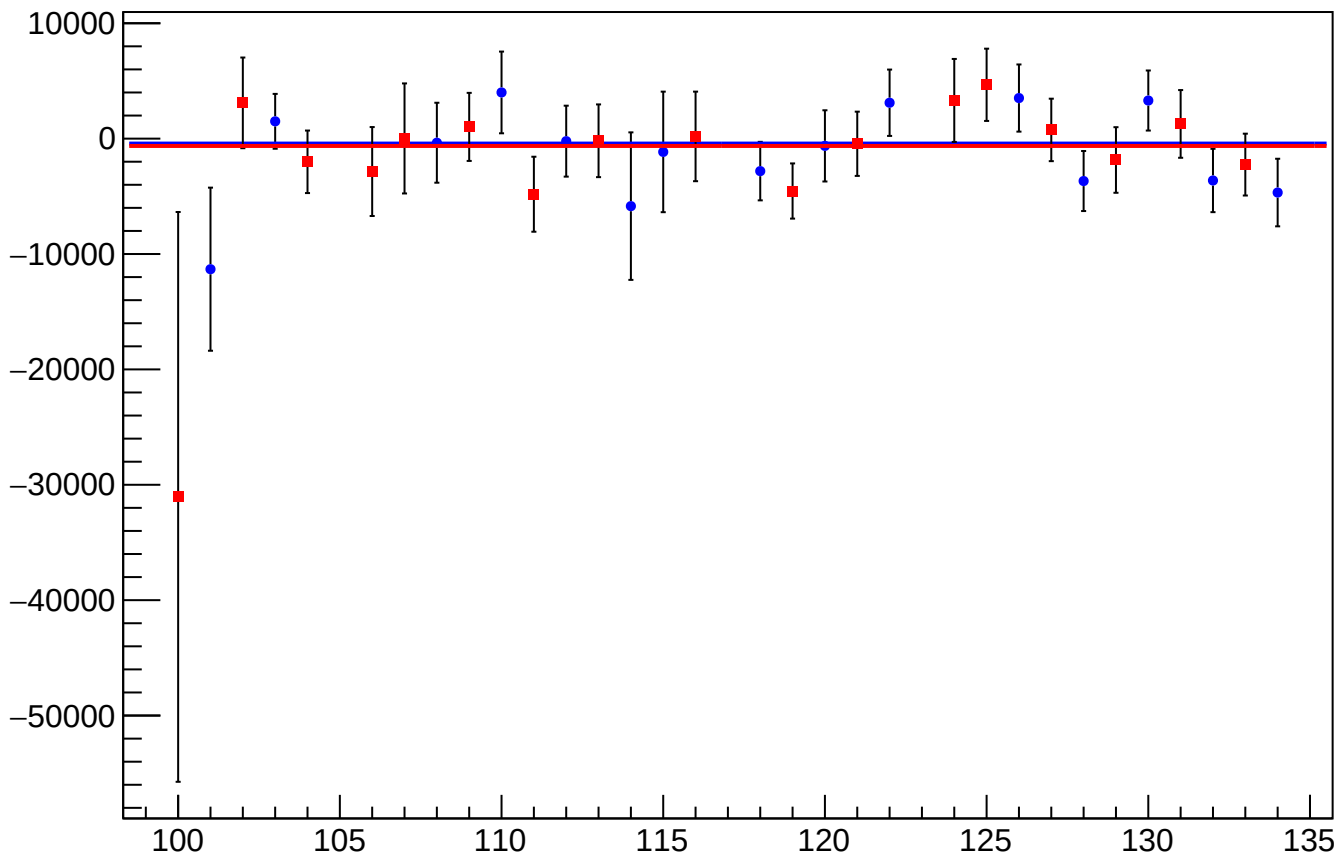
Right: 708.460+/-0.154 χ^2/NDF : 4805868.5/31

In: 684.873+/-0.211 χ^2/NDF : 1981594.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.460+/-0.154 χ^2/NDF : 4805868.5/31

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -428.735+/-797.746 χ^2 /NDF: 16.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -633.905+/-769.363 χ^2 /NDF: 13.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

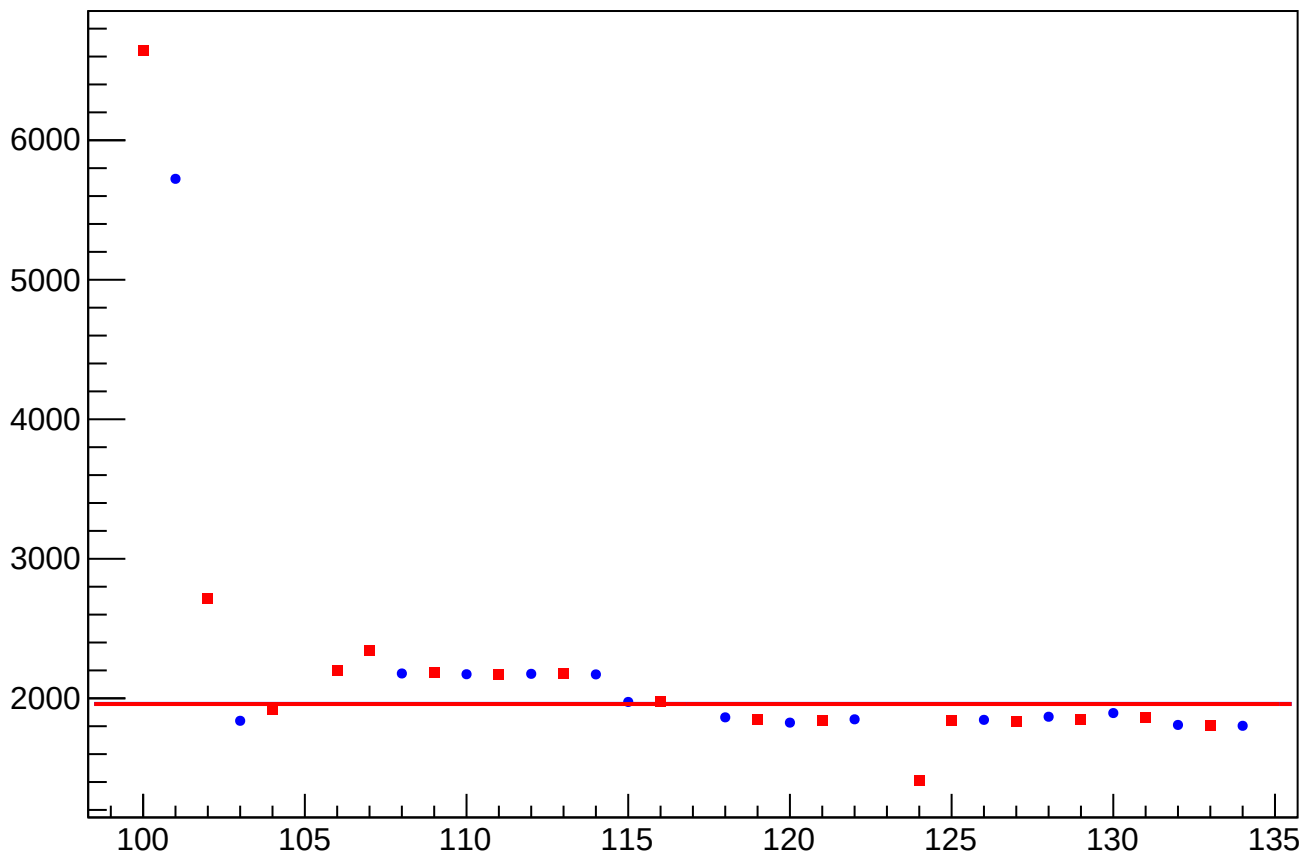
Right: -535.035+/-553.784 χ^2 /NDF: 29.7/31

In: -428.735+/-797.746 χ^2 /NDF:16.7/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -535.035+/-553.784 χ^2 /NDF: 29.7/31

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1959.958+/-0.564 χ^2/NDF : 627681.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1958.990+/-0.544 χ^2/NDF : 269760.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

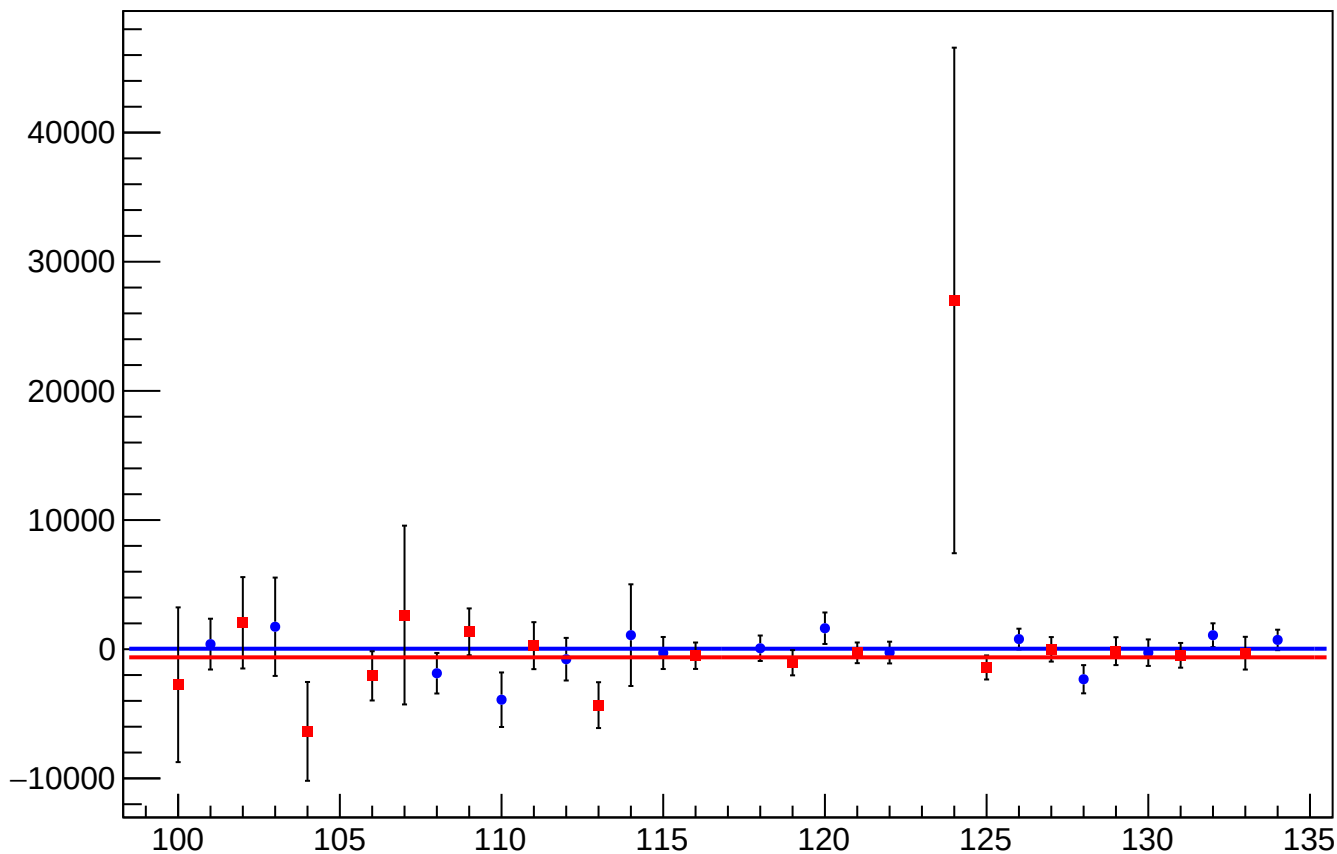
Right: 1959.457+/-0.392 χ^2/NDF : 897442.9/31

In: 1959.958+/-0.564 χ^2/NDF : 627681.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.457+/-0.392 χ^2/NDF : 897442.9/31

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 38.121+/-297.917 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -628.925+/-319.463 χ^2/NDF : 13.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

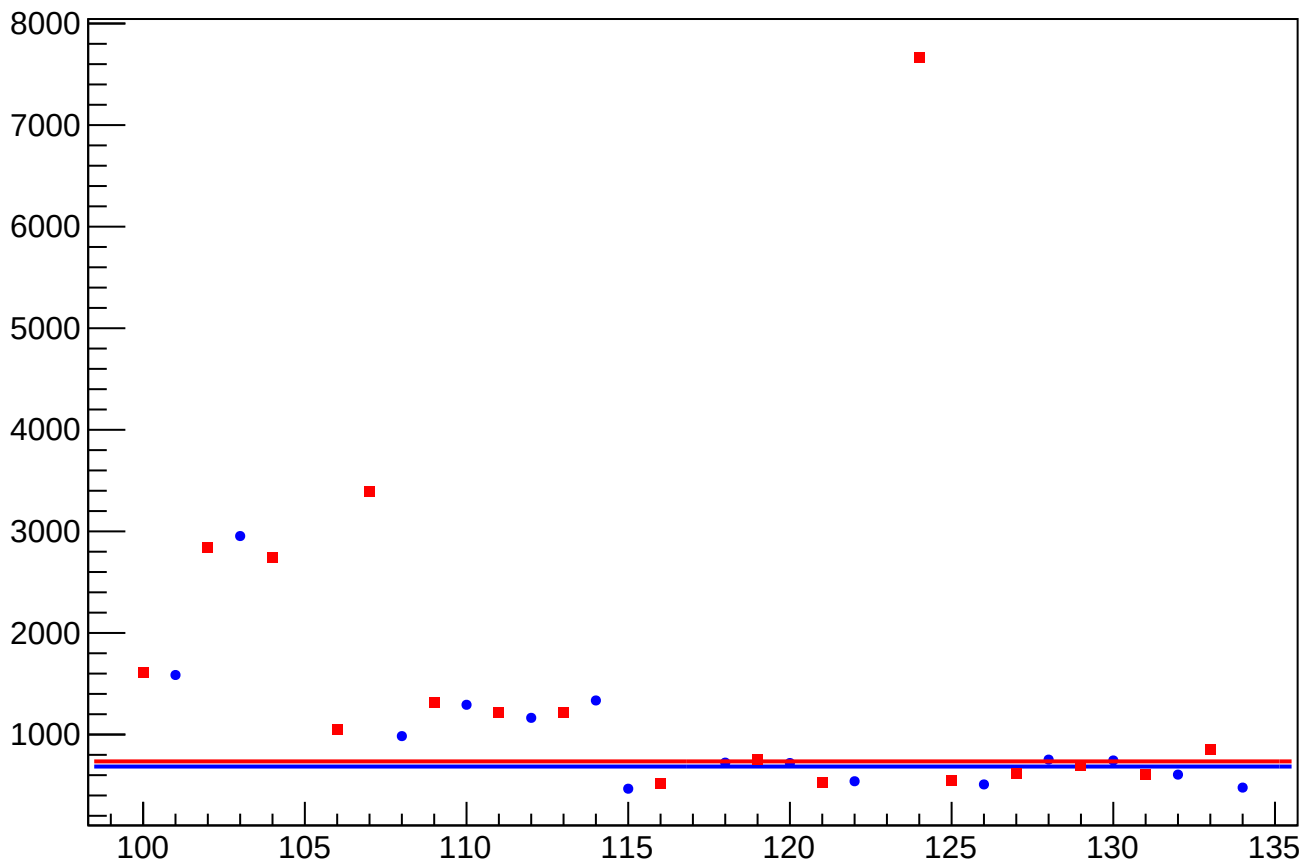
Right: -272.151+/-217.878 χ^2/NDF : 30.7/31

In: 38.121+/-297.917 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.151+/-217.878 χ^2/NDF : 30.7/31

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 684.873+/-0.211 χ^2/NDF : 1981592.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 735.583+/-0.226 χ^2/NDF : 2797321.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

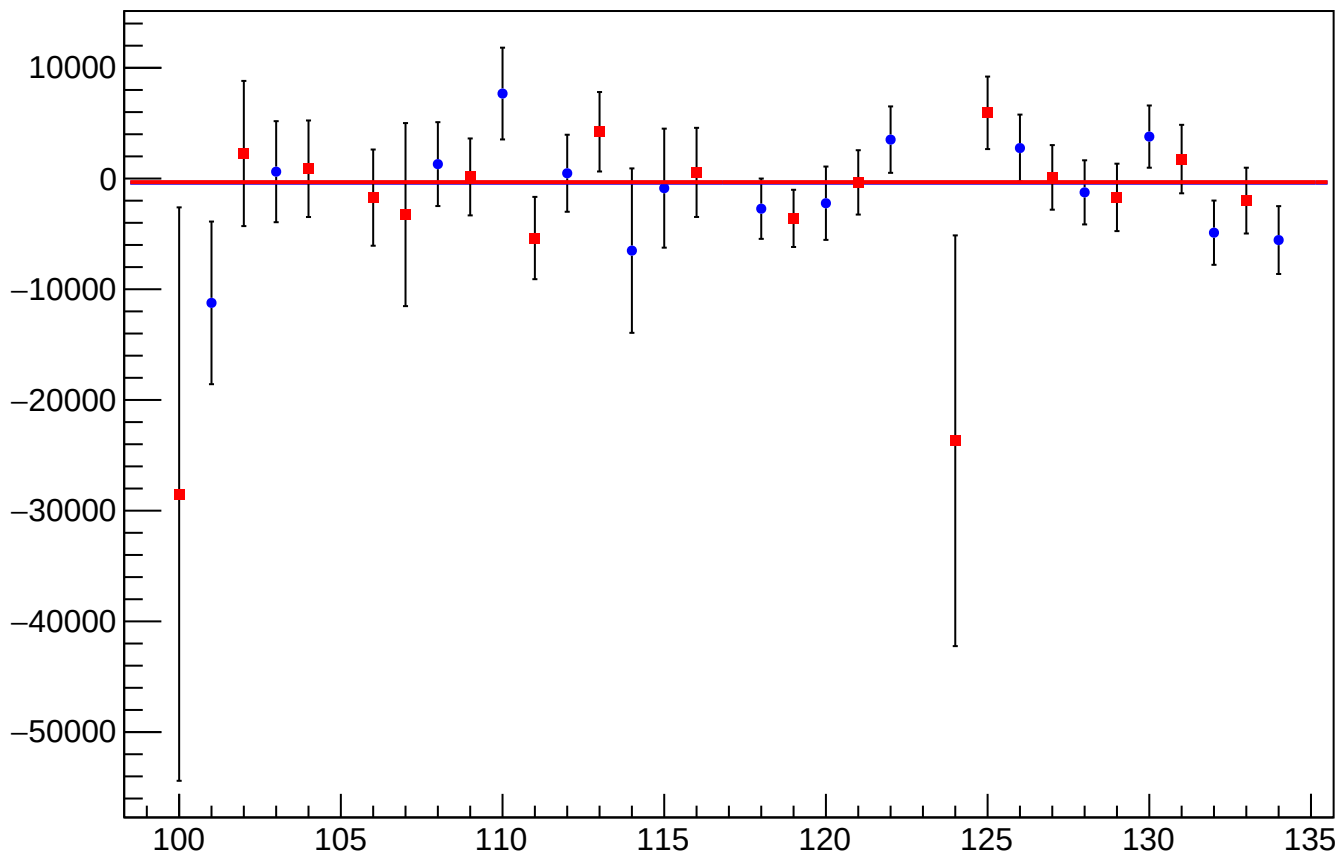
Right: 708.460+/-0.154 χ^2/NDF : 4805867.7/31

In: 684.873+/-0.211 χ^2/NDF : 1981592.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.460+/-0.154 χ^2/NDF : 4805867.7/31

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -376.735 ± 895.338 $\chi^2/\text{NDF}: 18.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -326.244 ± 895.452 $\chi^2/\text{NDF}: 13.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

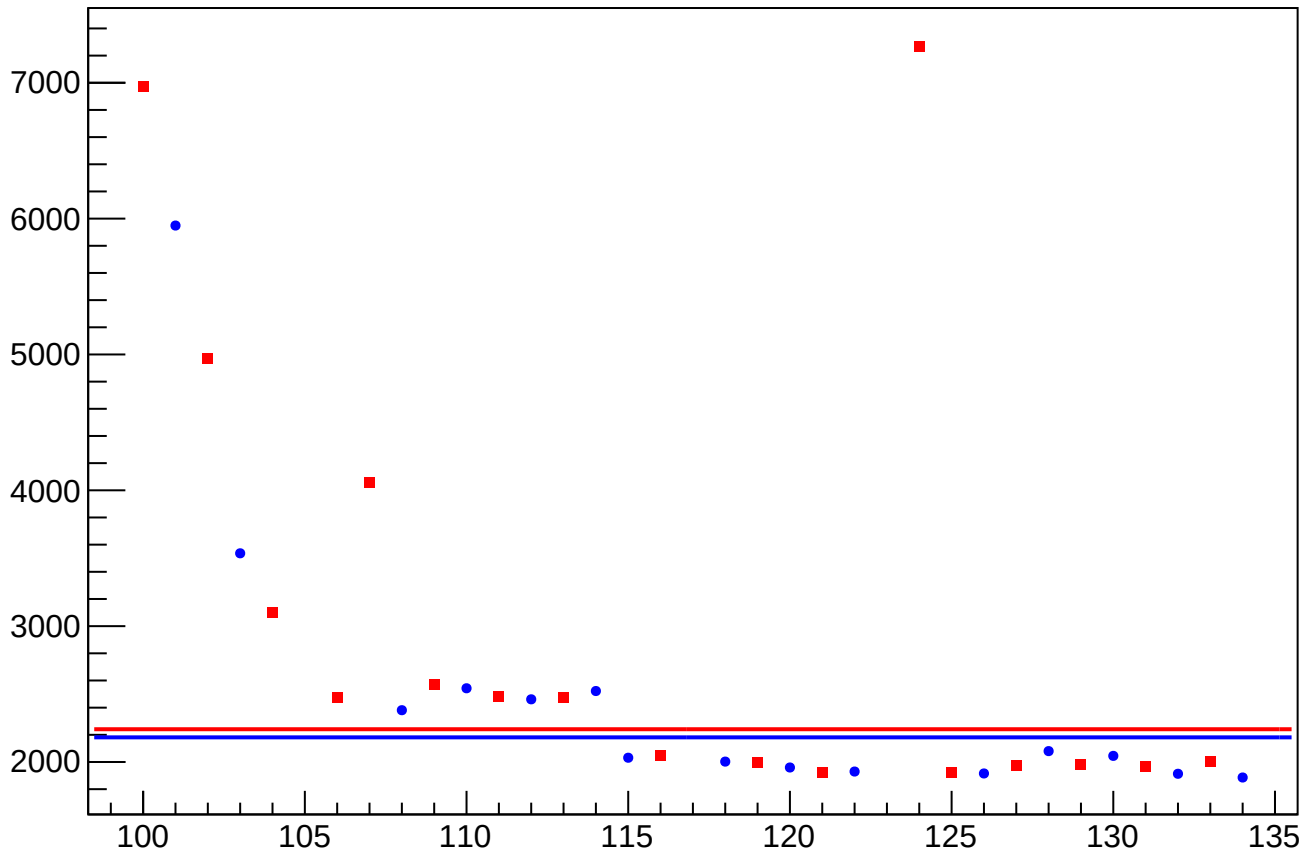
Right: -351.493 ± 633.140 $\chi^2/\text{NDF}: 31.3/31$

In: -376.735 ± 895.338 $\chi^2/\text{NDF}: 18.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -351.493 ± 633.140 $\chi^2/\text{NDF}: 31.3/31$

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2181.375+/-0.633 χ^2/NDF : 831918.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2241.241+/-0.633 χ^2/NDF : 901173.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

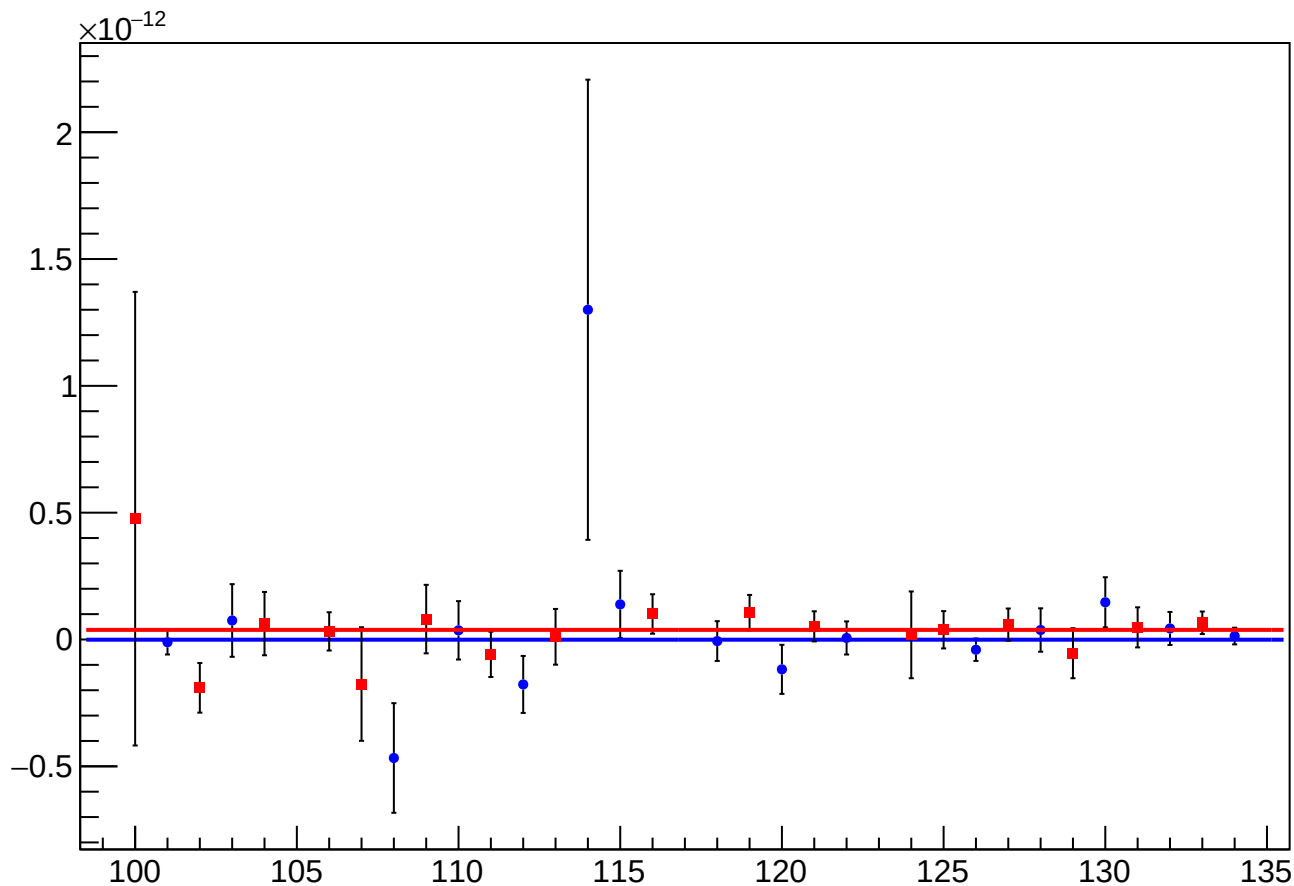
Right: 2211.304+/-0.448 χ^2/NDF : 1737562.2/31

In: 2181.375+/-0.633 χ^2/NDF : 831918.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.304+/-0.448 χ^2/NDF : 1737562.2/31

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

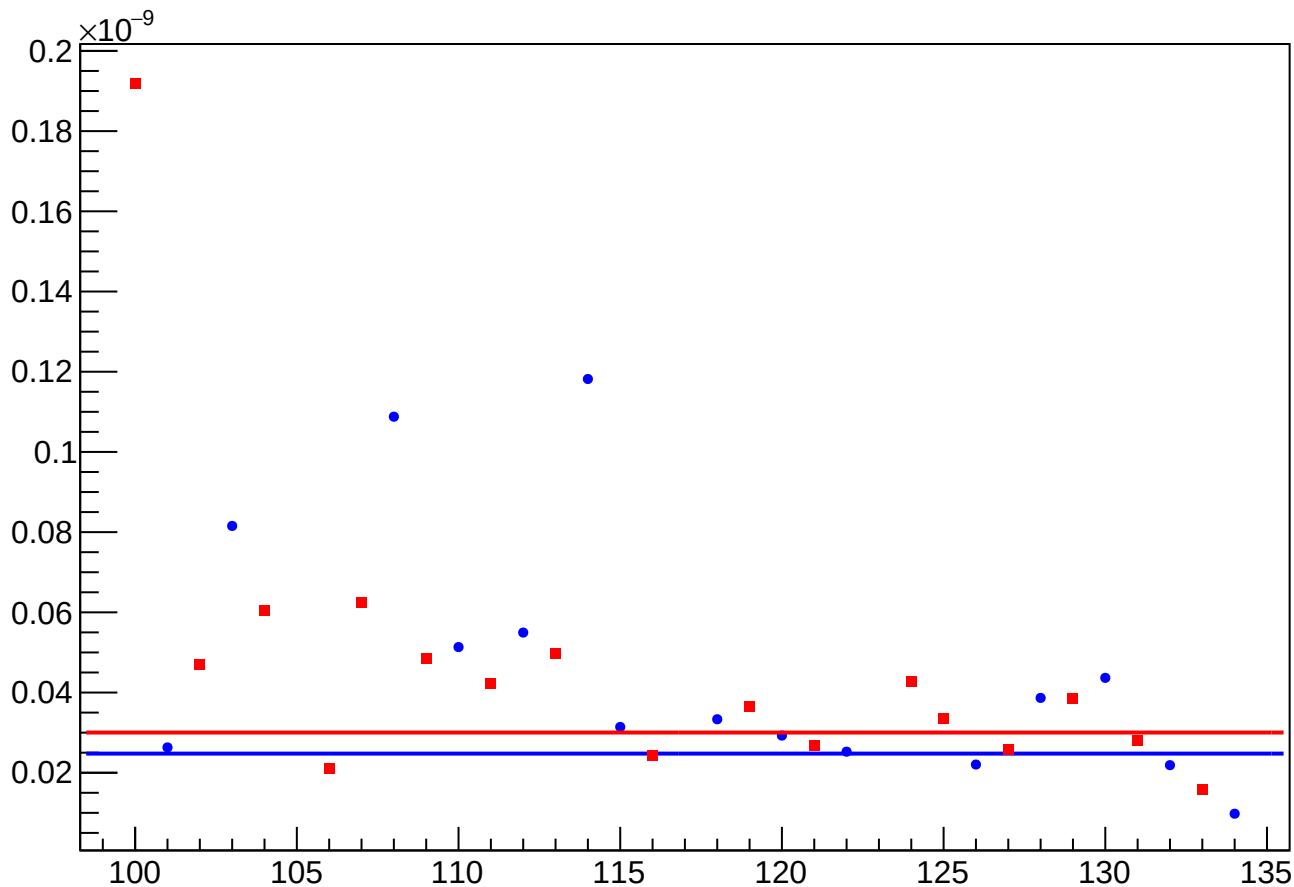
Right: 0.000+/-0.000 χ^2/NDF : 29.2/31

In: -0.000+/-0.000 χ^2/NDF : 16.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.2/31

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1477061.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 730345.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

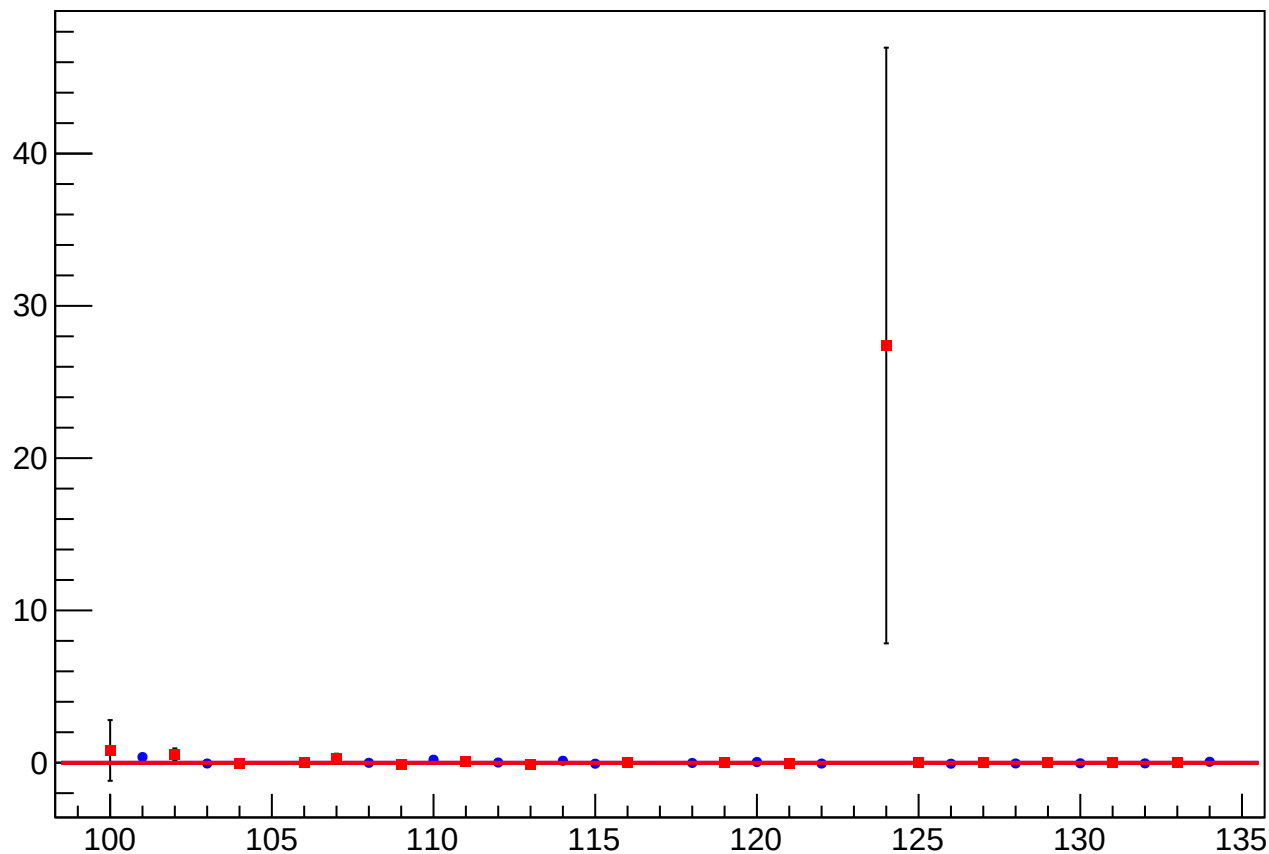
Right: 0.000+/-0.000 χ^2/NDF : 2284472.0/31

In: 0.000+/-0.000 χ^2/NDF : 1477061.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2284472.0/31

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.016 χ^2/NDF : 19.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.016 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

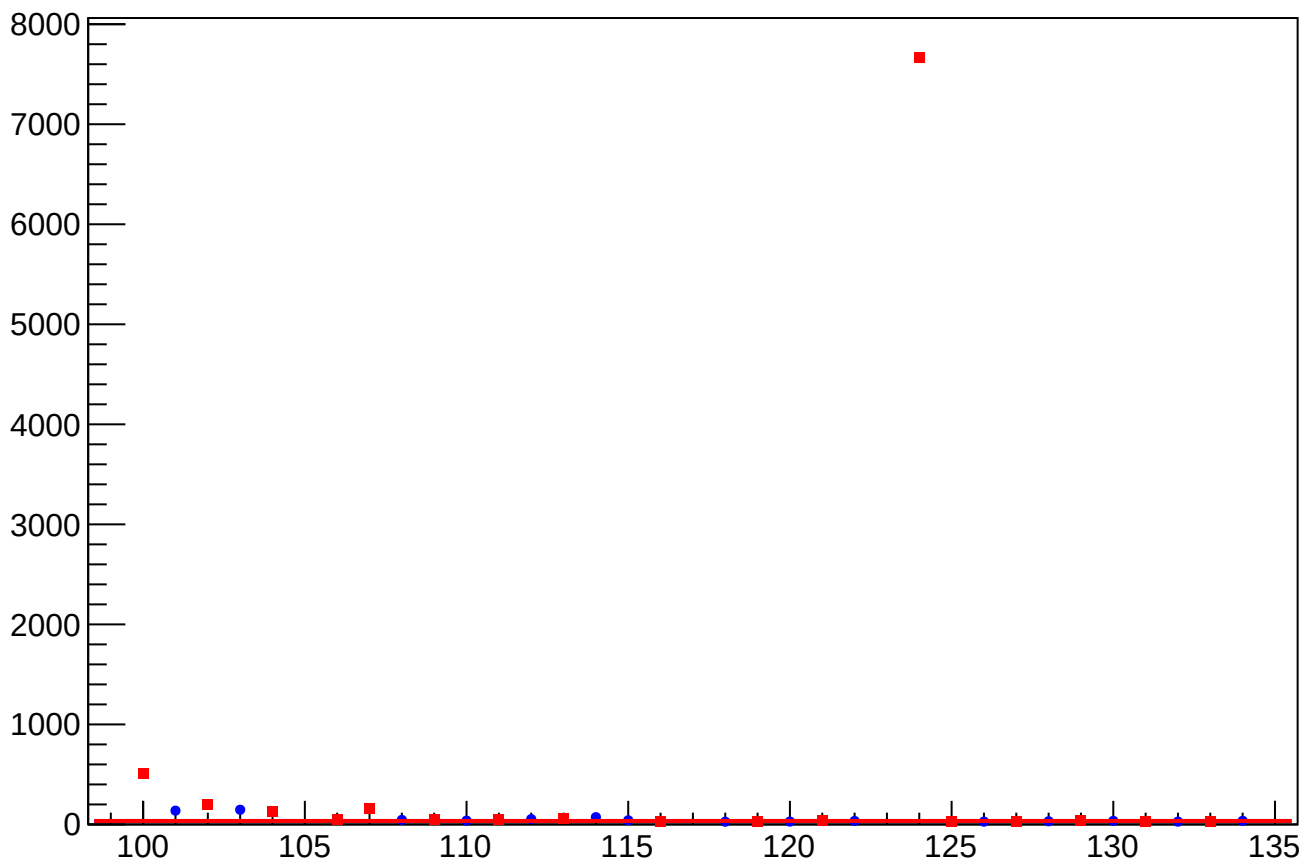
Right: -0.009+/-0.012 χ^2/NDF : 31.0/31

In: -0.008+/-0.016 χ^2/NDF : 19.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.012 χ^2/NDF : 31.0/31

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.807+/-0.012 χ^2/NDF : 1693413.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.786+/-0.012 χ^2/NDF : 1961163.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

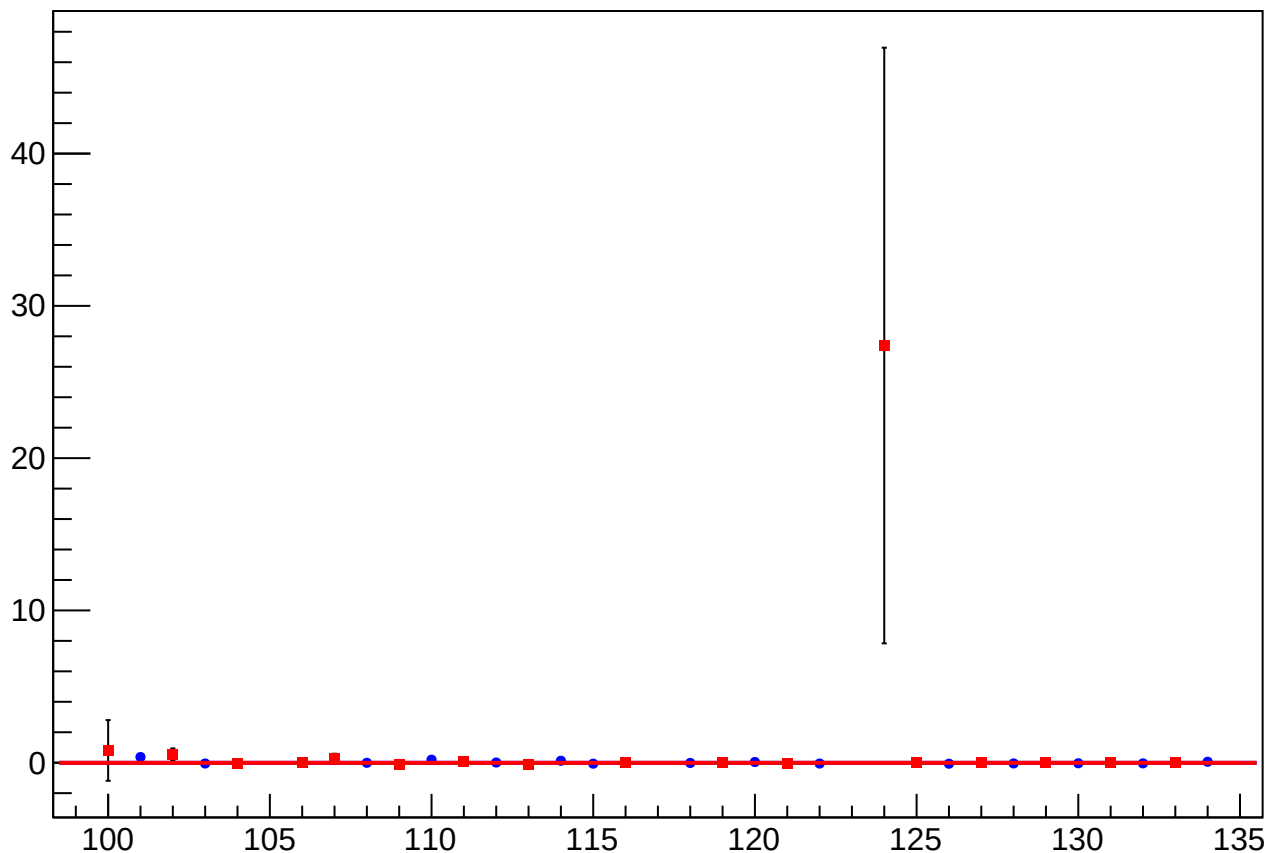
Right: 34.797+/-0.008 χ^2/NDF : 3654578.6/31

In: 34.807+/-0.012 χ^2/NDF : 1693413.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.797+/-0.008 χ^2/NDF : 3654578.6/31

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.016 χ^2 /NDF: 19.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.010+/-0.016 χ^2 /NDF: 11.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

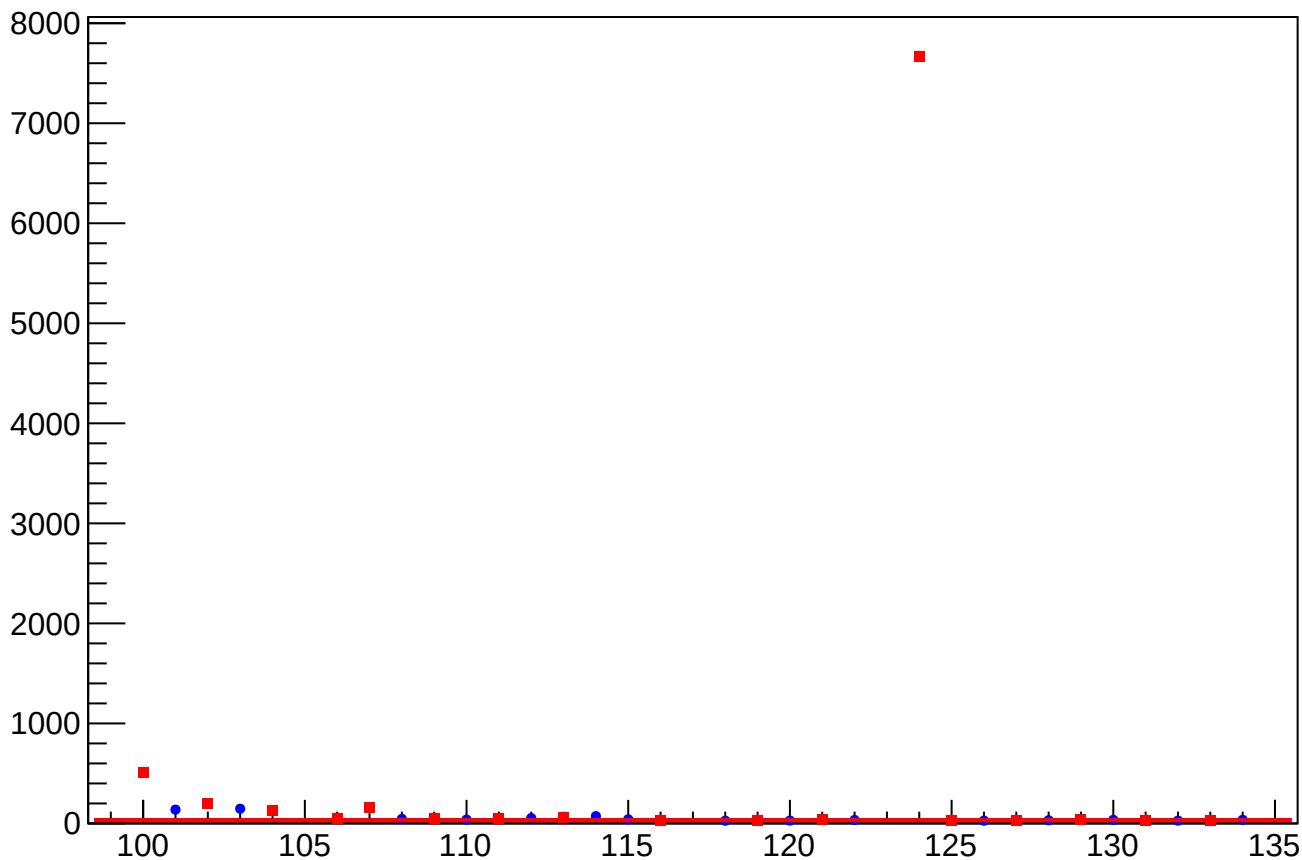
Right: -0.009+/-0.012 χ^2 /NDF: 31.0/31

In: -0.008+/-0.016 χ^2 /NDF:19.1/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.009+/-0.012 χ^2 /NDF: 31.0/31

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.807 $\pm$ 0.012 χ^2 /NDF: 1693413.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.786 $\pm$ 0.012 χ^2 /NDF: 1961163.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

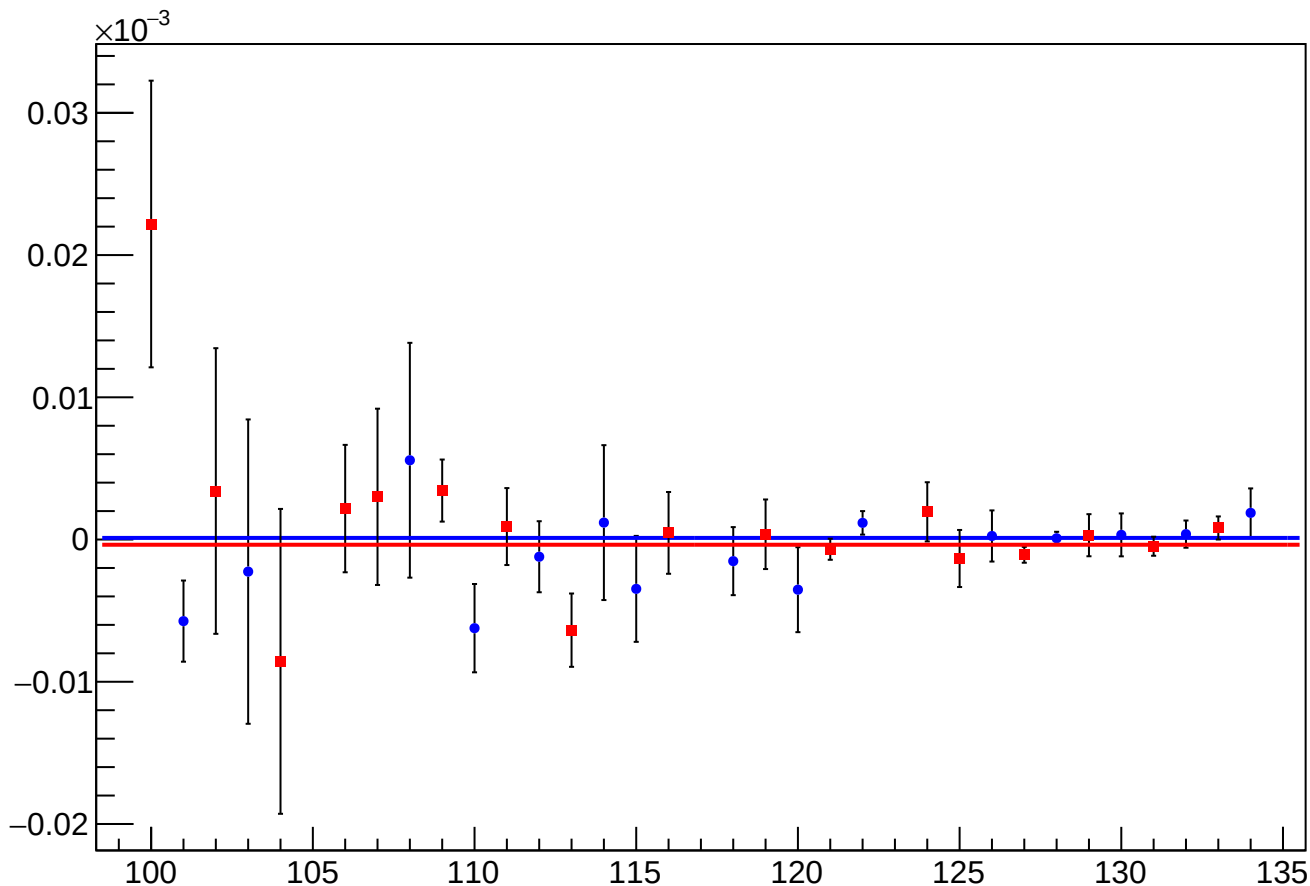
Right: 34.797 $\pm$ 0.008 χ^2 /NDF: 3654578.6/31

In: 34.807 $\pm$ 0.012 χ^2 /NDF:1693413.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.797 $\pm$ 0.008 χ^2 /NDF: 3654578.6/31

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

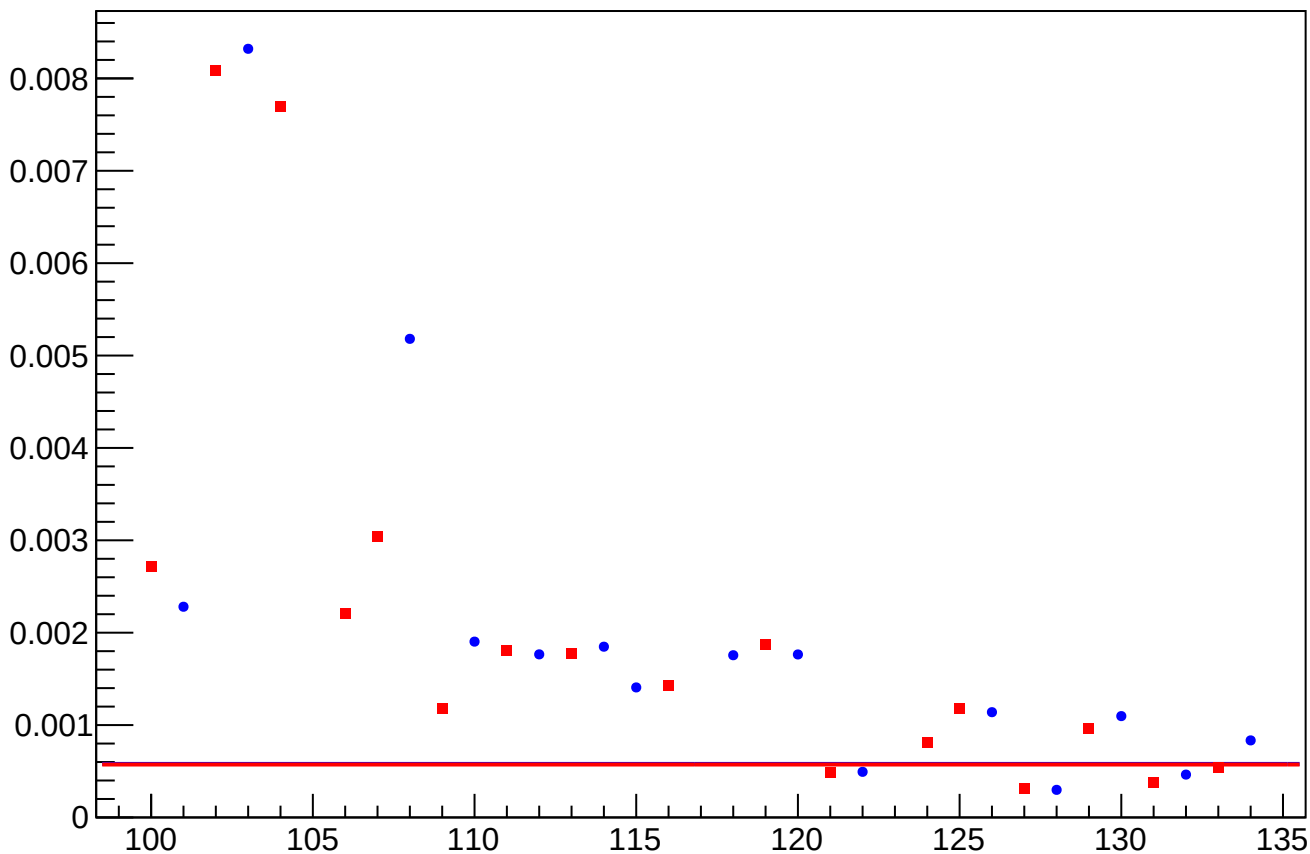
Right: -0.000+/-0.000 χ^2/NDF : 36.8/31

In: 0.000+/-0.000 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.8/31

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5481116.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5416182.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

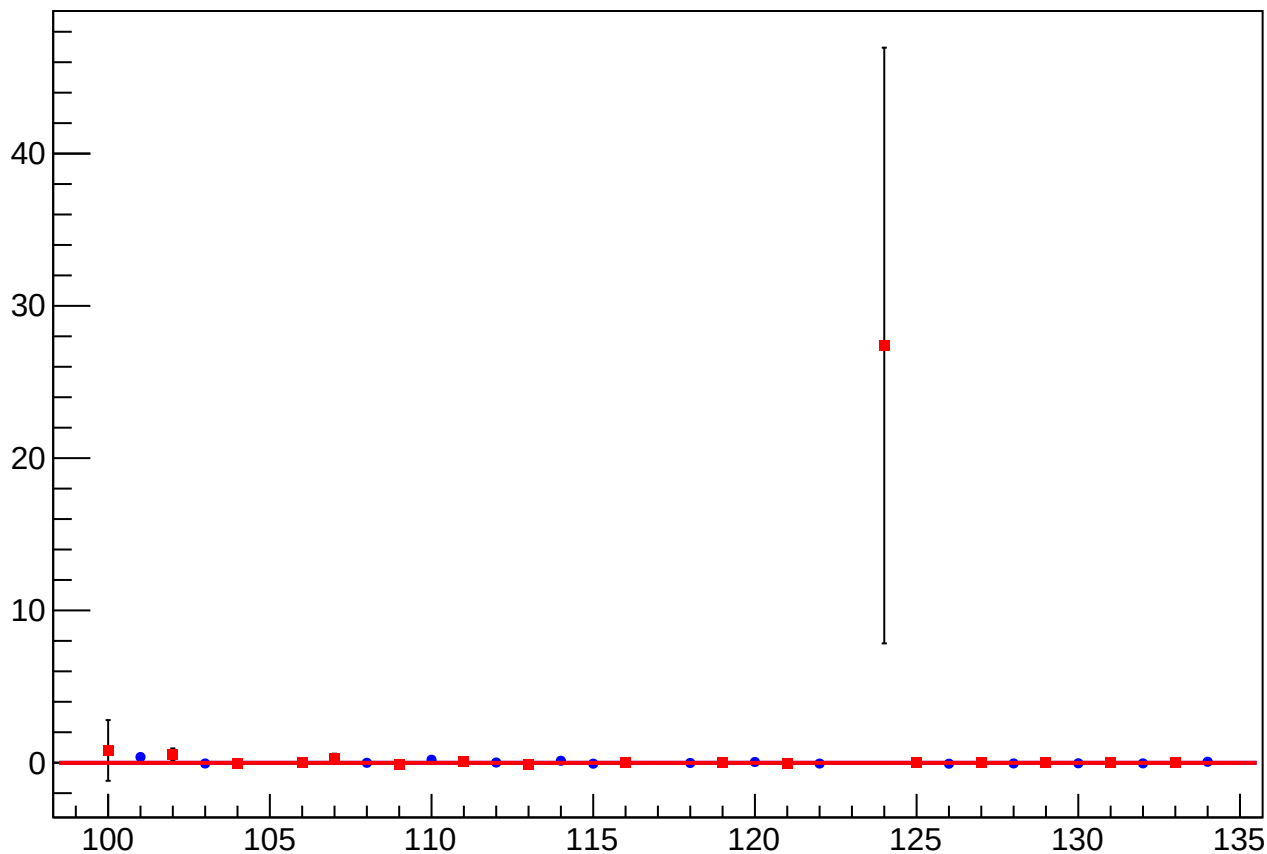
Right: 0.001+/-0.000 χ^2/NDF : 10897695.5/31

In: 0.001+/-0.000 χ^2/NDF :5481116.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10897695.5/31

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.016 χ^2/NDF : 11.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

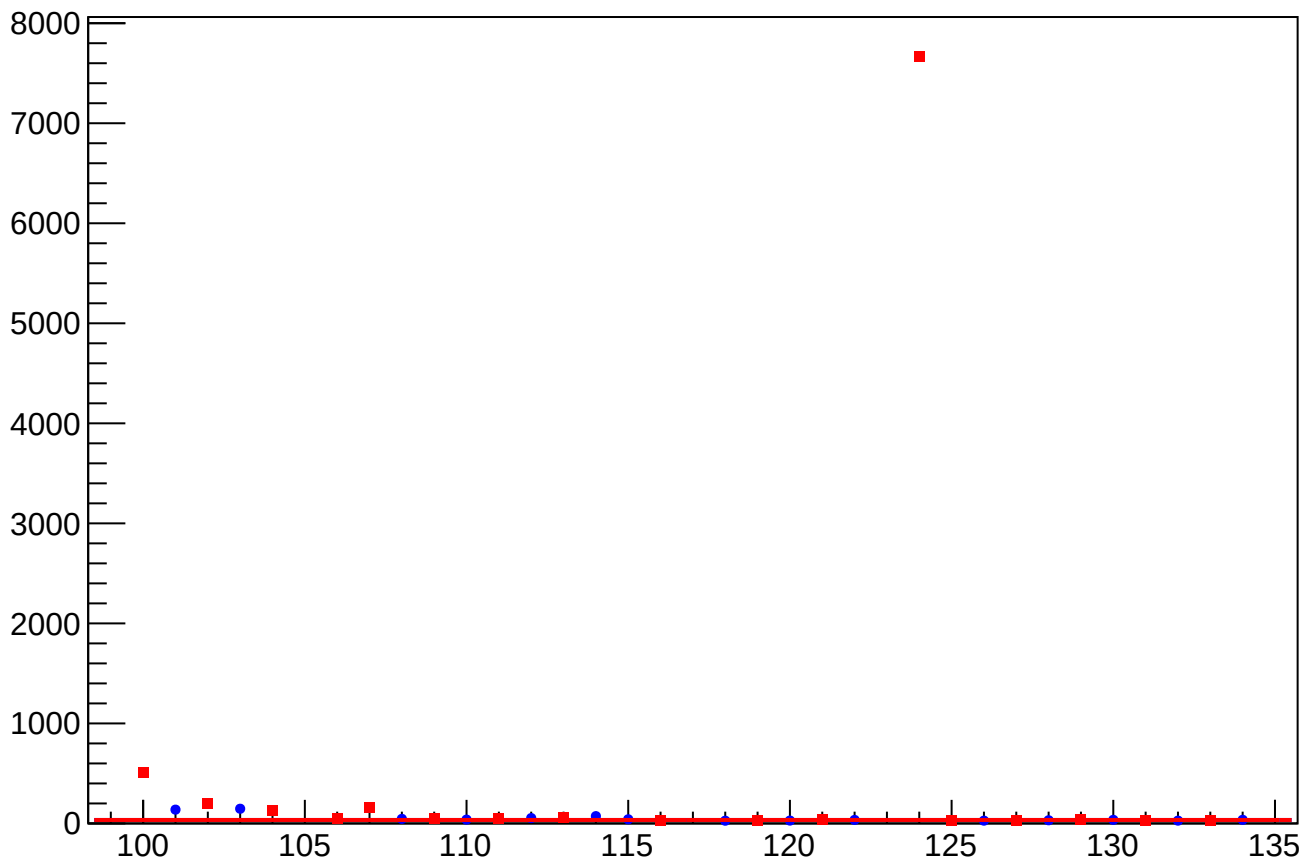
Right: -0.009 ± 0.012 χ^2/NDF : 31.0/31

In: -0.008 ± 0.016 χ^2/NDF : 19.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.012 χ^2/NDF : 31.0/31

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.807+/-0.012 χ^2/NDF : 1693401.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.785+/-0.012 χ^2/NDF : 1961152.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

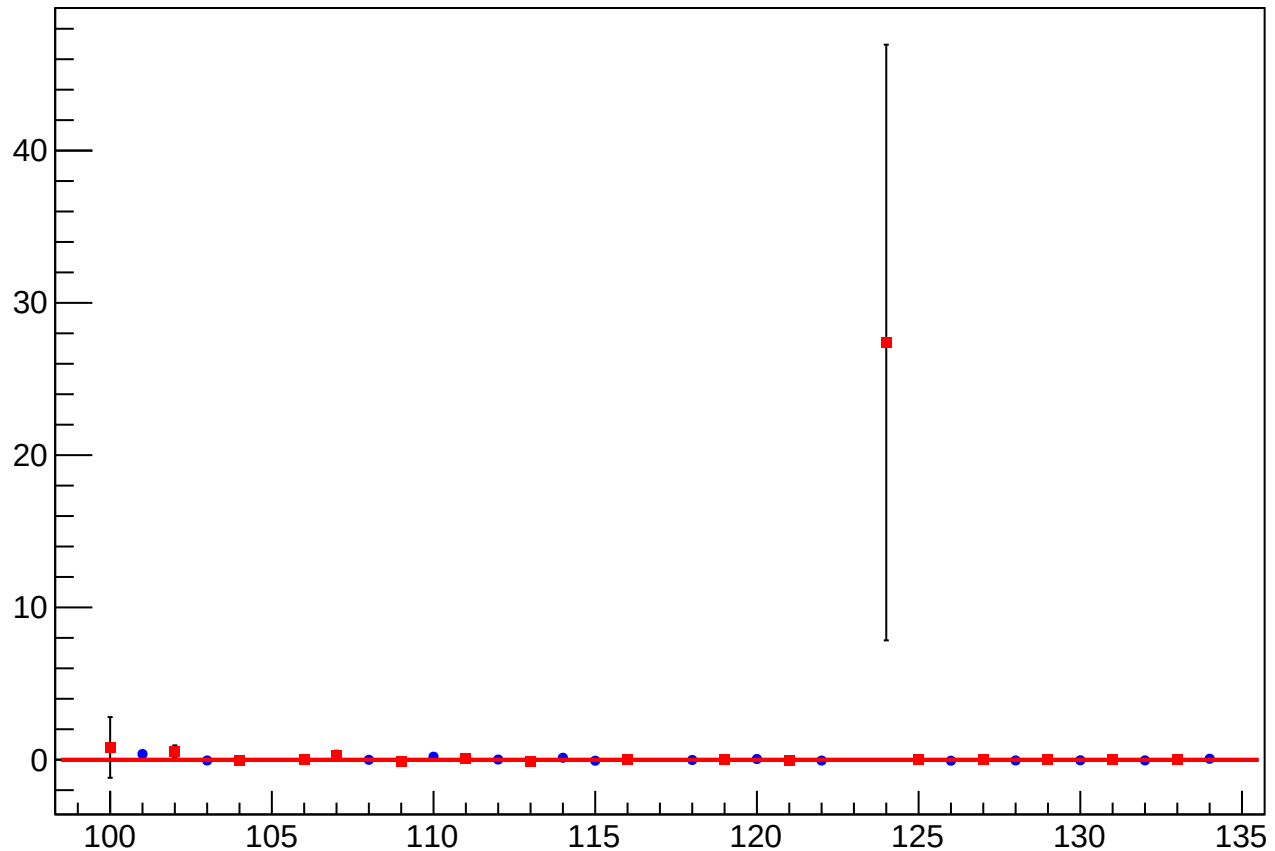
Right: 34.797+/-0.008 χ^2/NDF : 3654555.2/31

In: 34.807+/-0.012 χ^2/NDF : 1693401.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.797+/-0.008 χ^2/NDF : 3654555.2/31

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.016 χ^2/NDF : 11.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

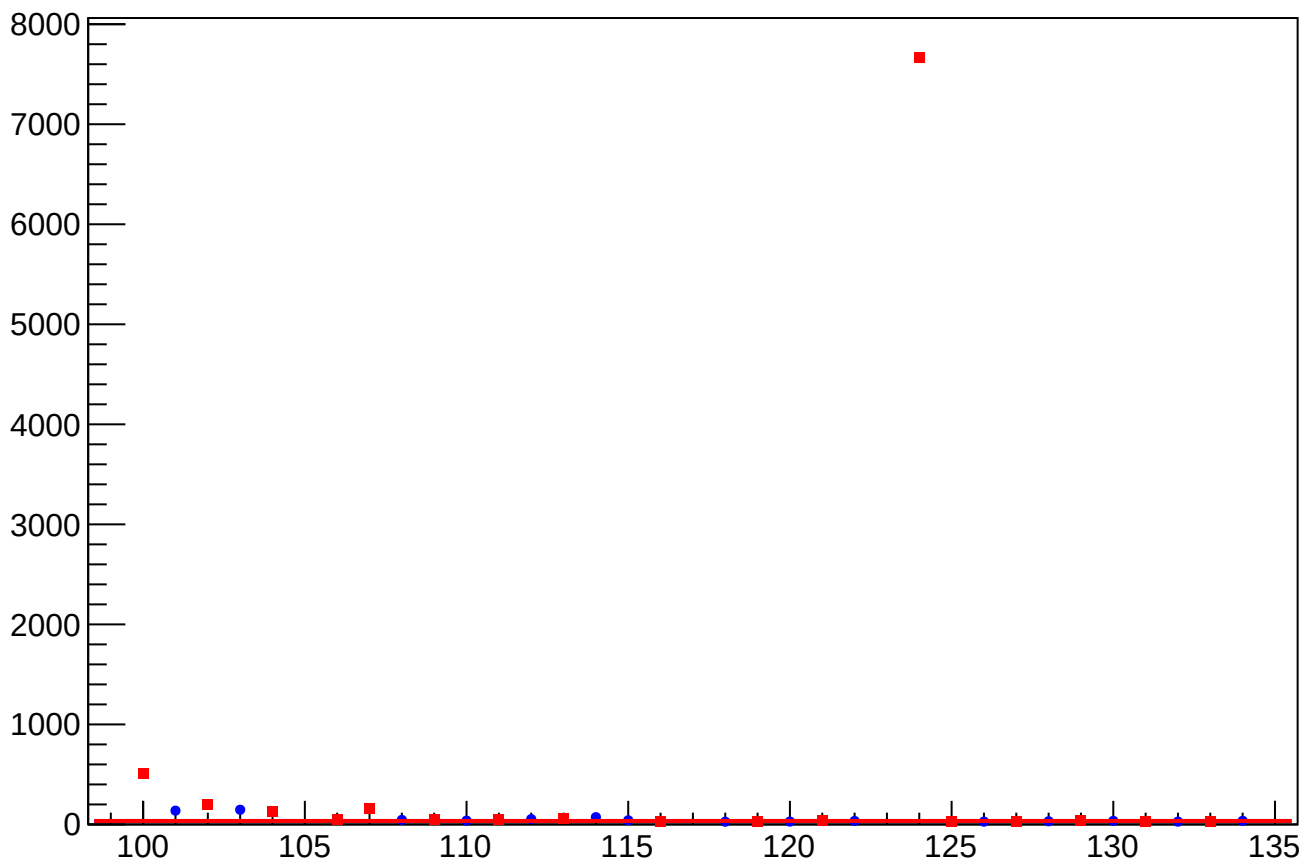
Right: -0.009 ± 0.012 χ^2/NDF : 31.0/31

In: -0.008 ± 0.016 χ^2/NDF : 19.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.012 χ^2/NDF : 31.0/31

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.807+/-0.012 χ^2/NDF : 1693401.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.785+/-0.012 χ^2/NDF : 1961152.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

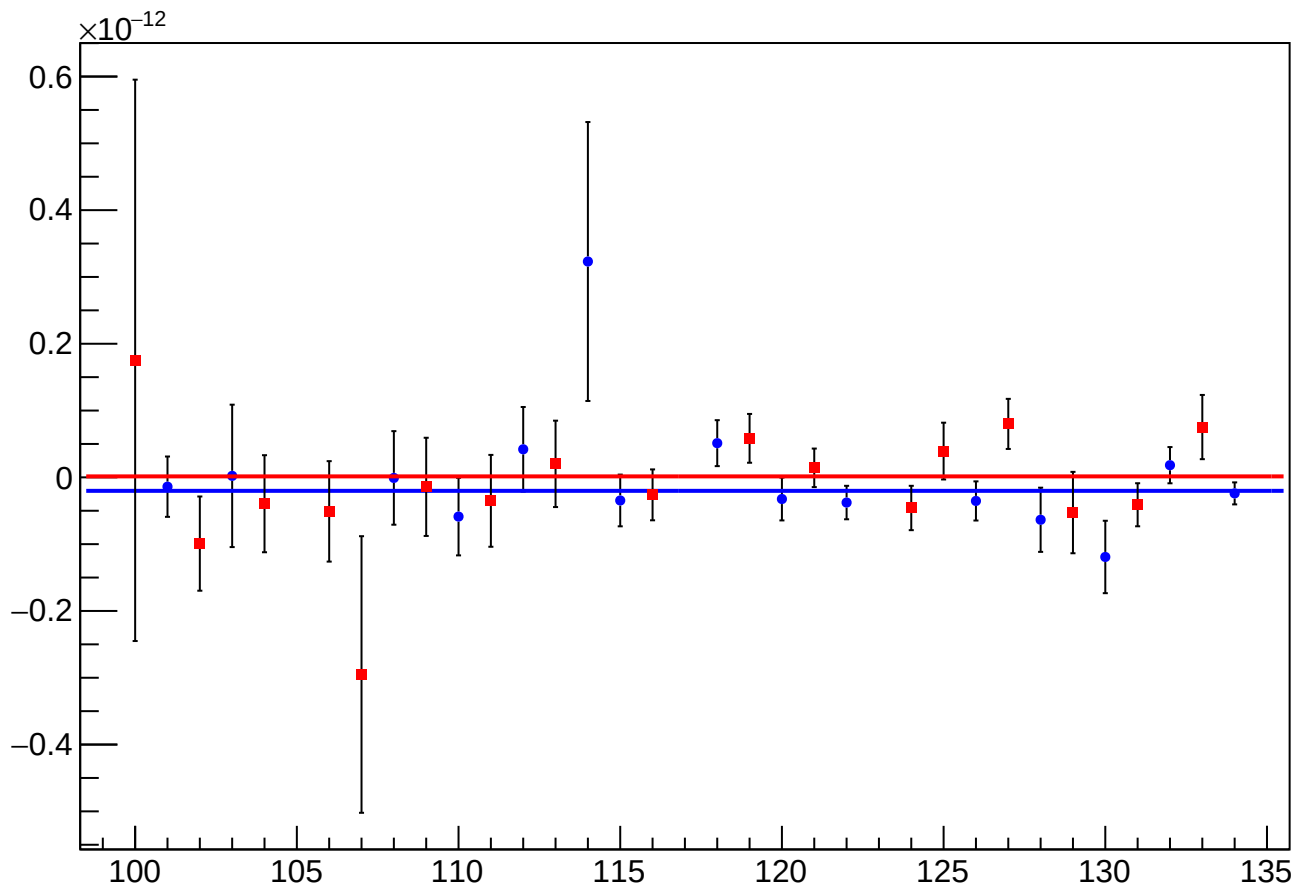
Right: 34.797+/-0.008 χ^2/NDF : 3654555.2/31

In: 34.807+/-0.012 χ^2/NDF : 1693401.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.797+/-0.008 χ^2/NDF : 3654555.2/31

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

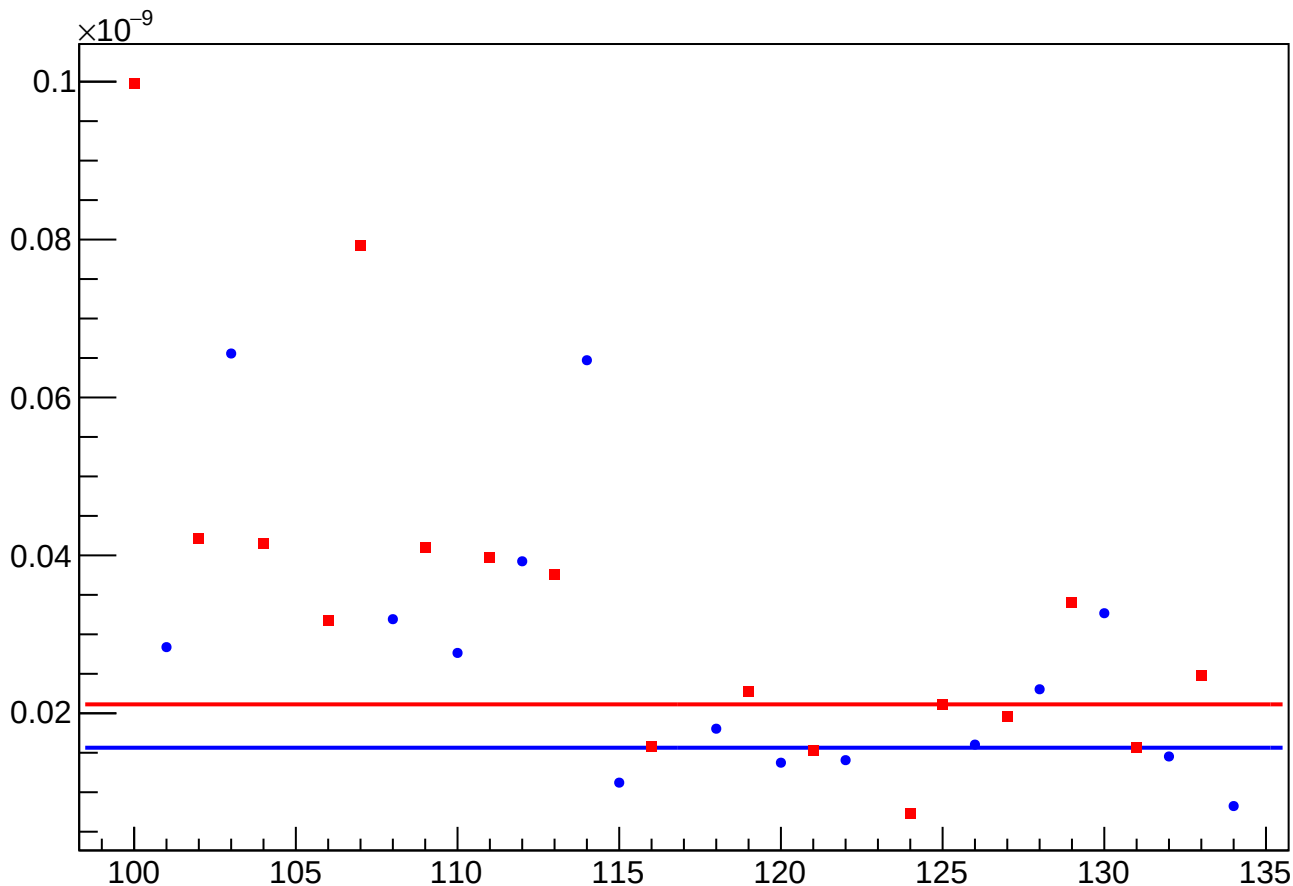
Right: -0.000+/-0.000 χ^2/NDF : 38.8/31

In: -0.000+/-0.000 χ^2/NDF : 15.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.8/31

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1882101.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1658285.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

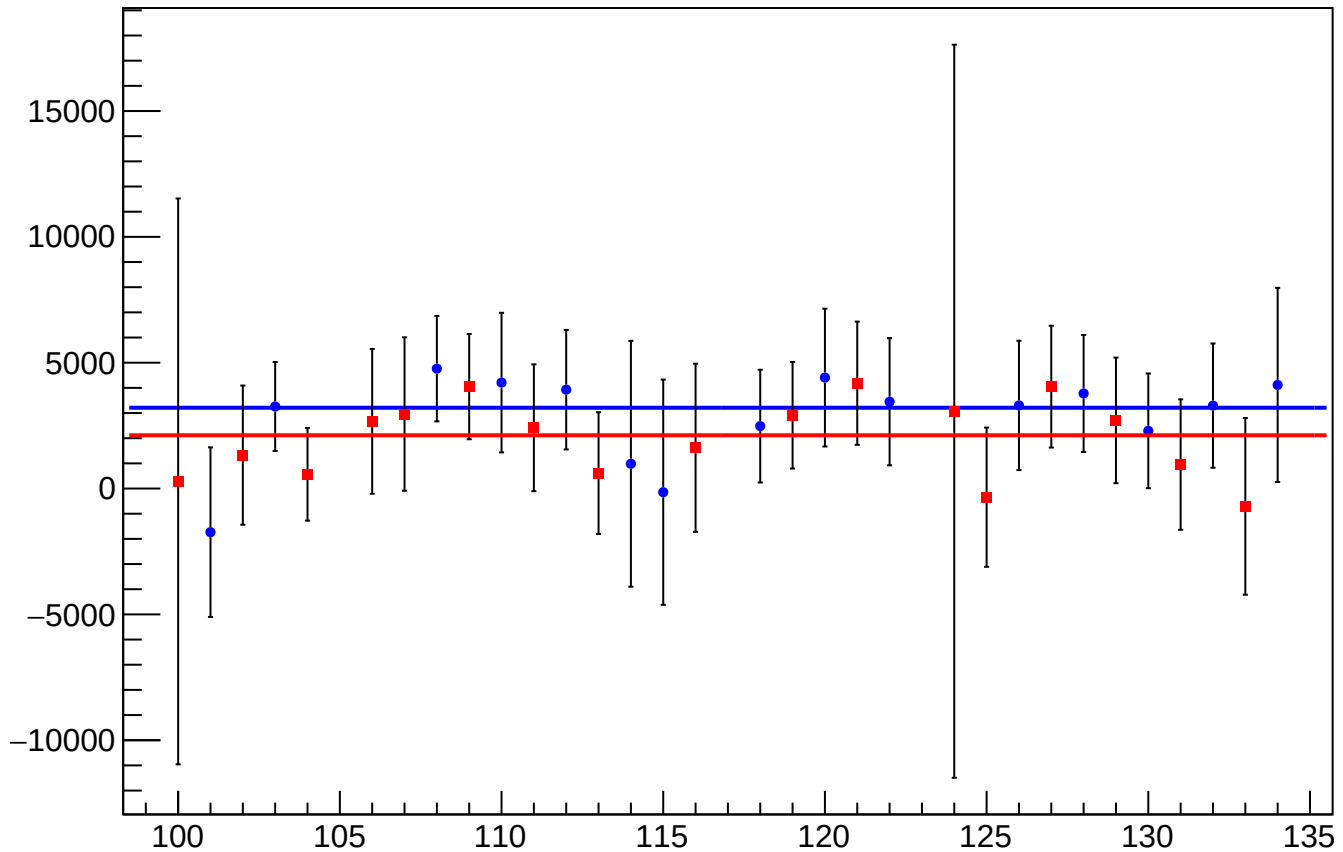
Right: 0.000+/-0.000 χ^2/NDF : 3827255.0/31

In: 0.000+/-0.000 χ^2/NDF : 1882101.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3827255.0/31

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3210.458+/-661.366 χ^2/NDF : 4.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2115.961+/-646.153 χ^2/NDF : 5.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

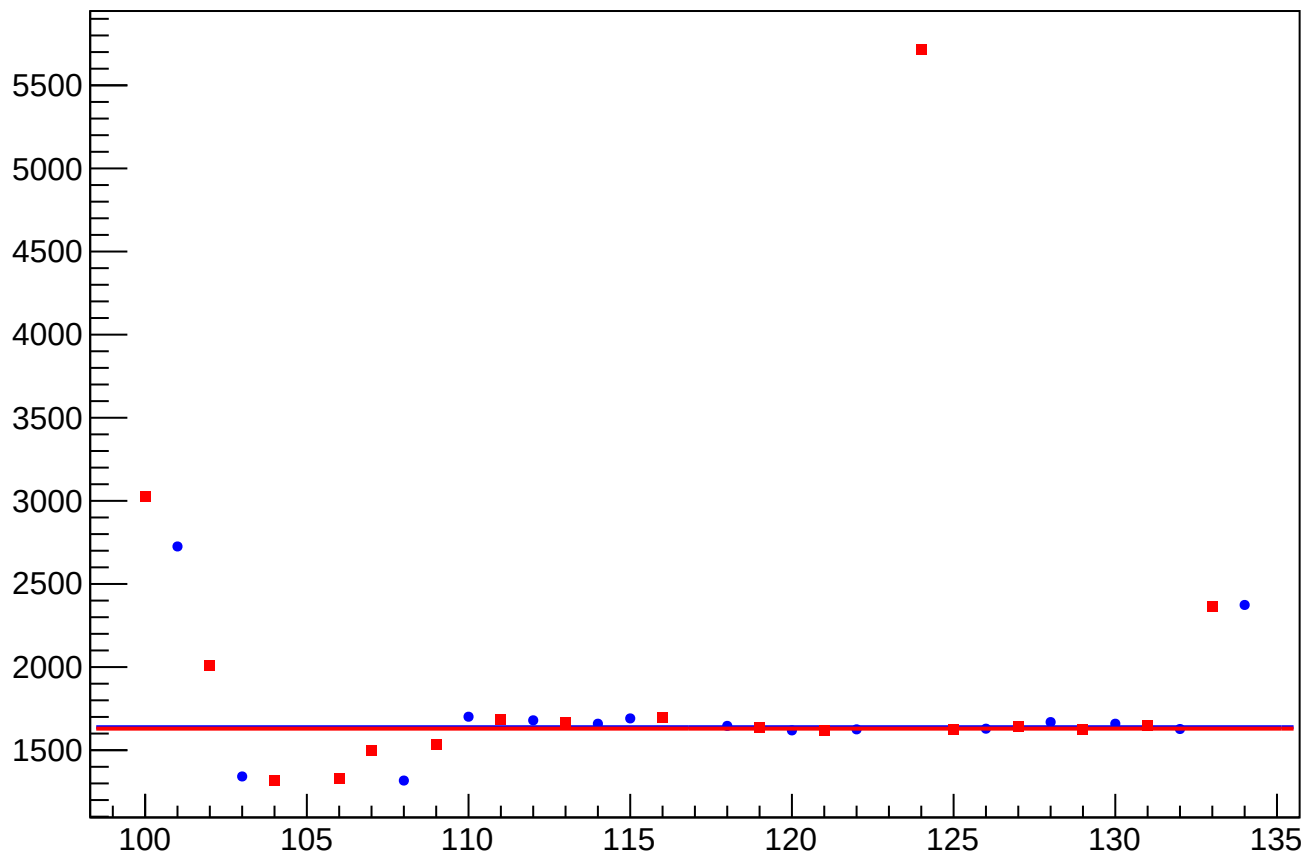
Right: 2650.477+/-462.184 χ^2/NDF : 11.1/31

In: 3210.458+/-661.366 χ^2/NDF : 4.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2650.477+/-462.184 χ^2/NDF : 11.1/31

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1638.140+/-0.468 χ^2/NDF : 387133.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1629.673+/-0.457 χ^2/NDF : 401885.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

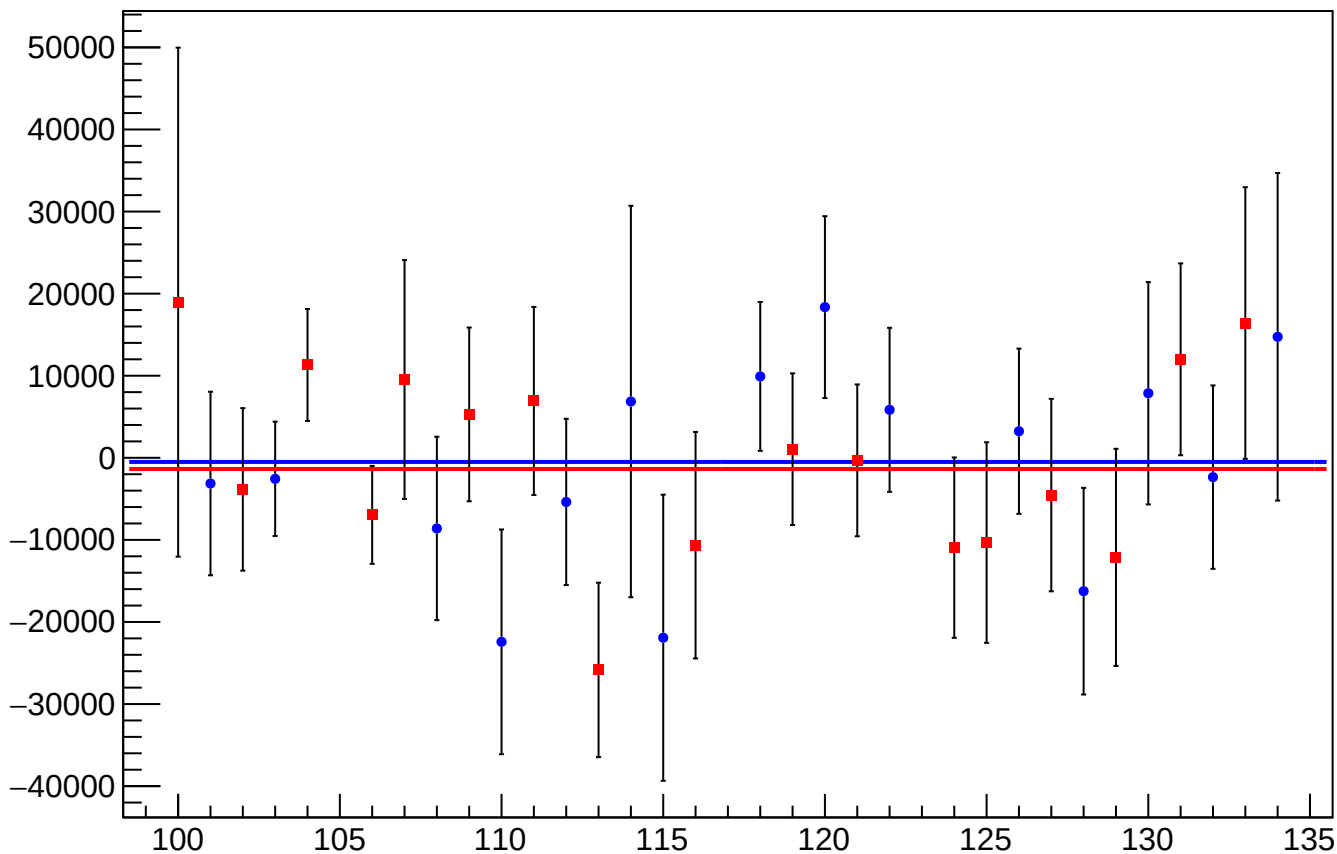
Right: 1633.808+/-0.327 χ^2/NDF : 789186.6/31

In: 1638.140+/-0.468 χ^2/NDF : 387133.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.808+/-0.327 χ^2/NDF : 789186.6/31

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -501.613+/-2895.697 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1365.646+/-2510.949 χ^2/NDF : 16.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

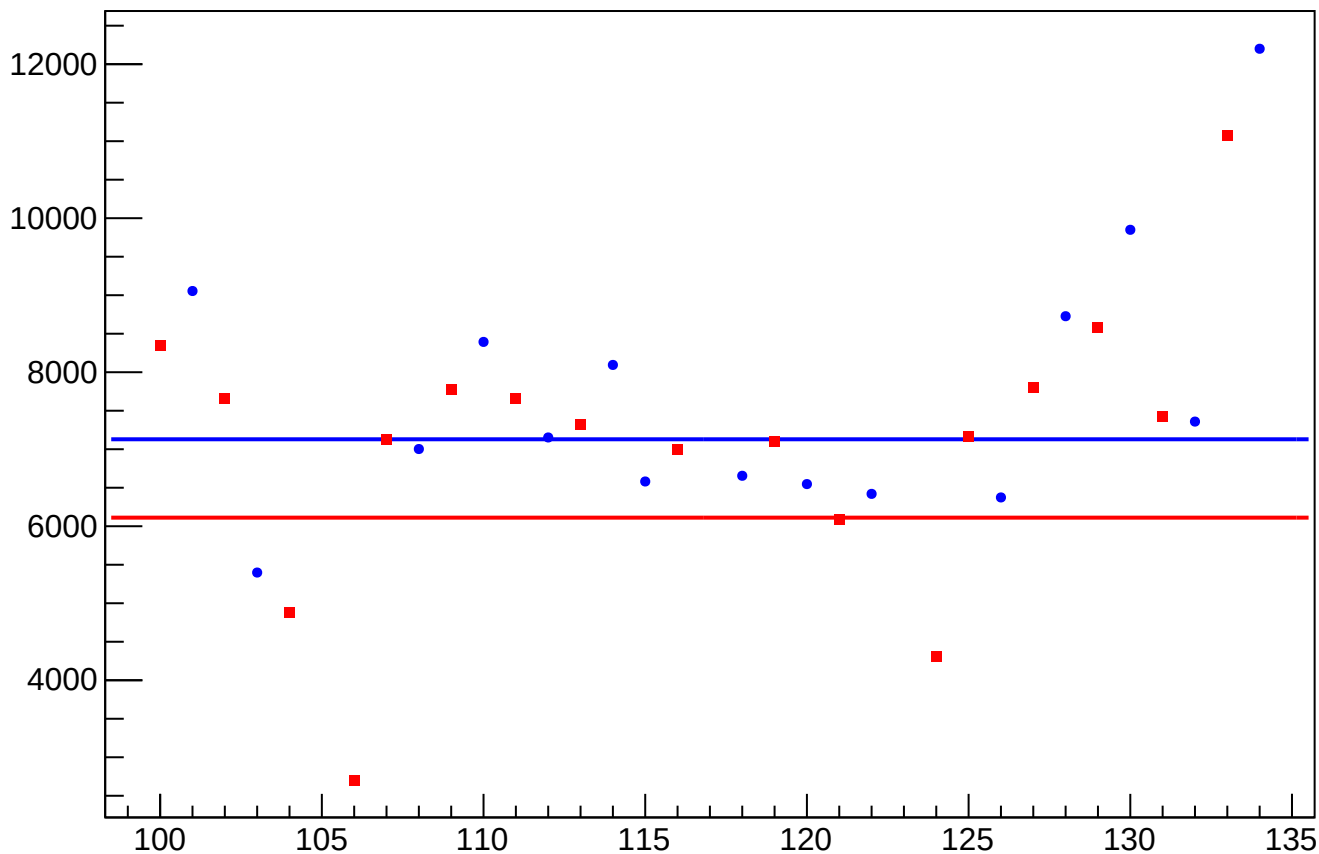
Right: -994.806+/-1897.061 χ^2/NDF : 29.1/31

In: -501.613+/-2895.697 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -994.806+/-1897.061 χ^2/NDF : 29.1/31

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7129.161+/-2.048 χ^2/NDF : 480667.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6111.584+/-1.776 χ^2/NDF : 1315792.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

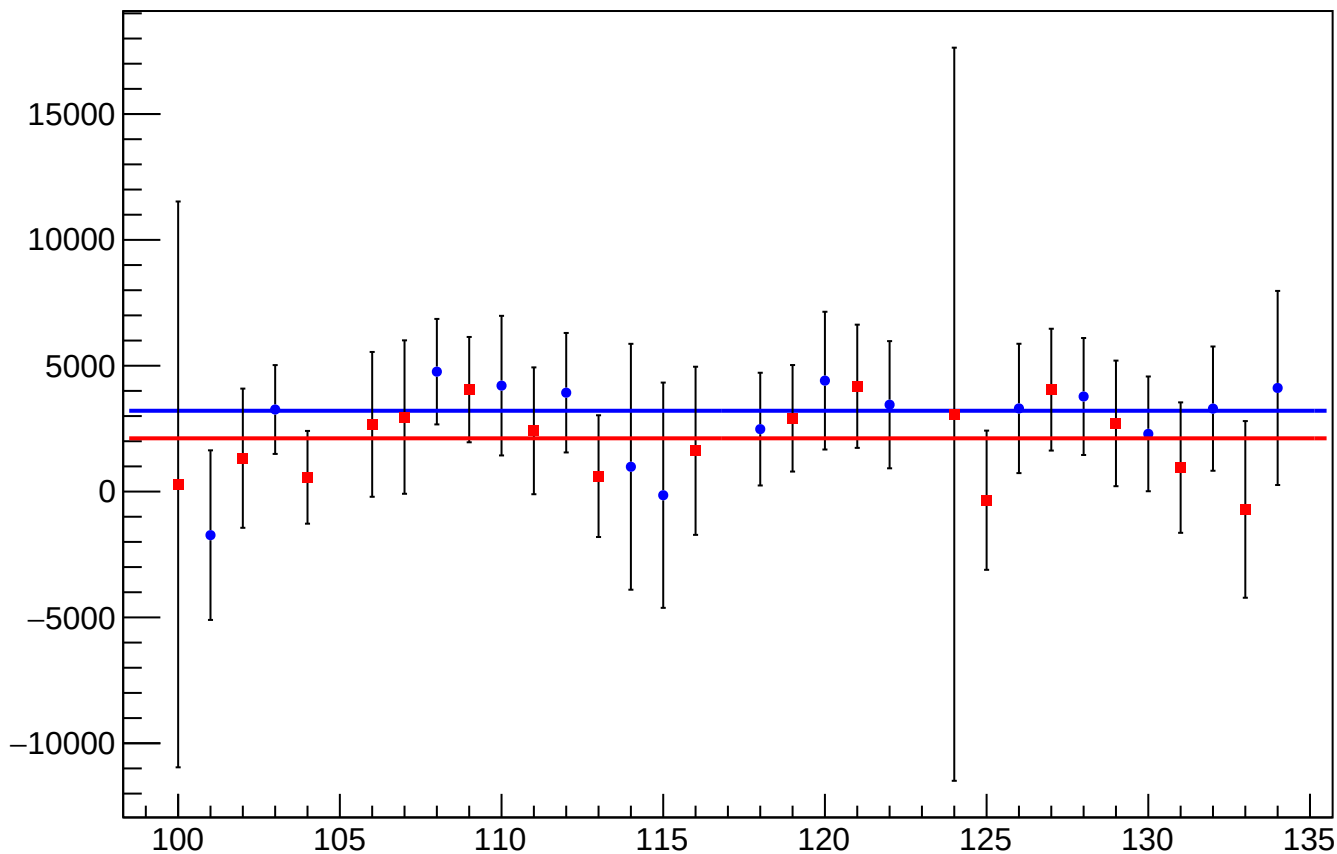
Right: 6548.324+/-1.341 χ^2/NDF : 1937435.8/31

In: 7129.161+/-2.048 χ^2/NDF : 480667.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6548.324+/-1.341 χ^2/NDF : 1937435.8/31

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3210.578+/-661.366 χ^2/NDF : 4.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2115.729+/-646.153 χ^2/NDF : 5.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

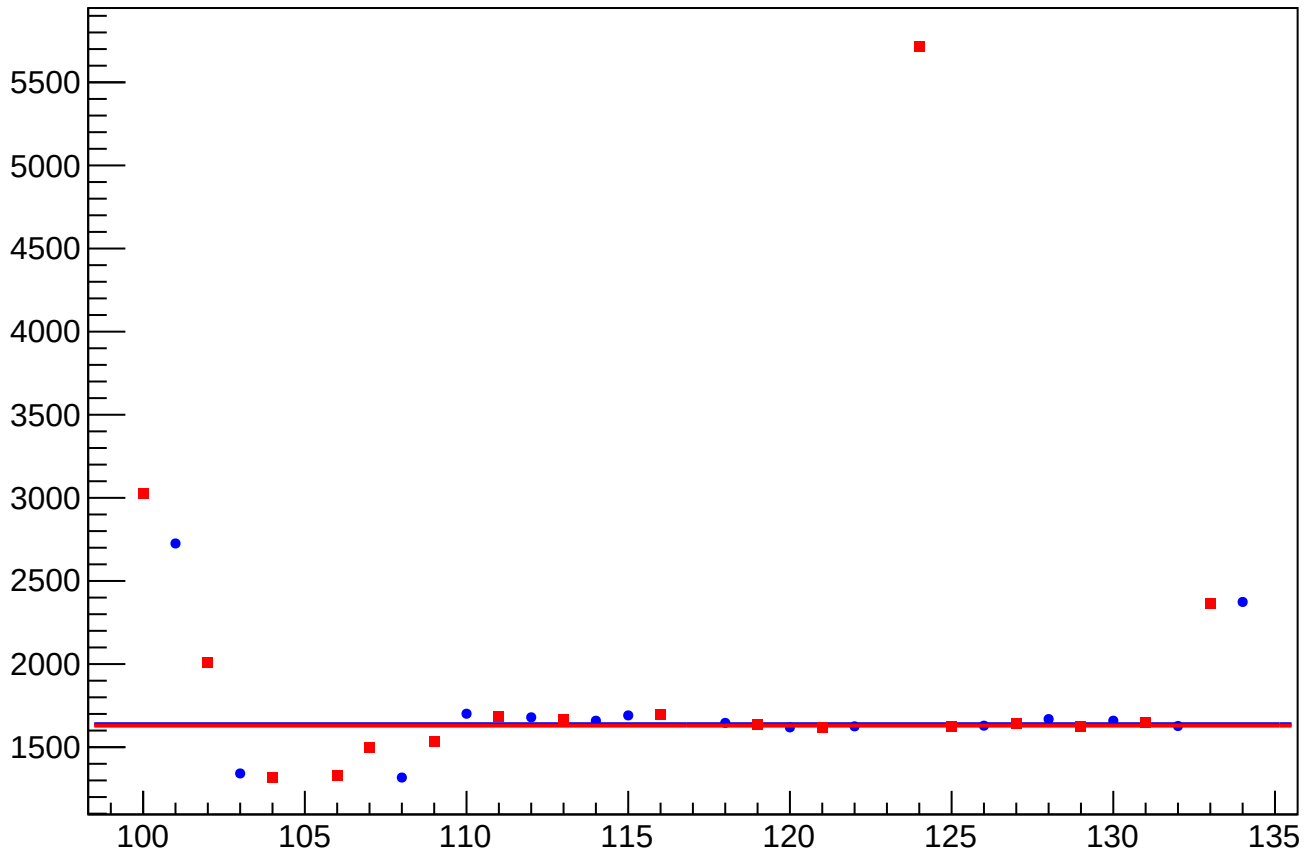
Right: 2650.417+/-462.184 χ^2/NDF : 11.1/31

In: 3210.578+/-661.366 χ^2/NDF : 4.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2650.417+/-462.184 χ^2/NDF : 11.1/31

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1638.140+/-0.468 χ^2/NDF : 387133.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1629.672+/-0.457 χ^2/NDF : 401885.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

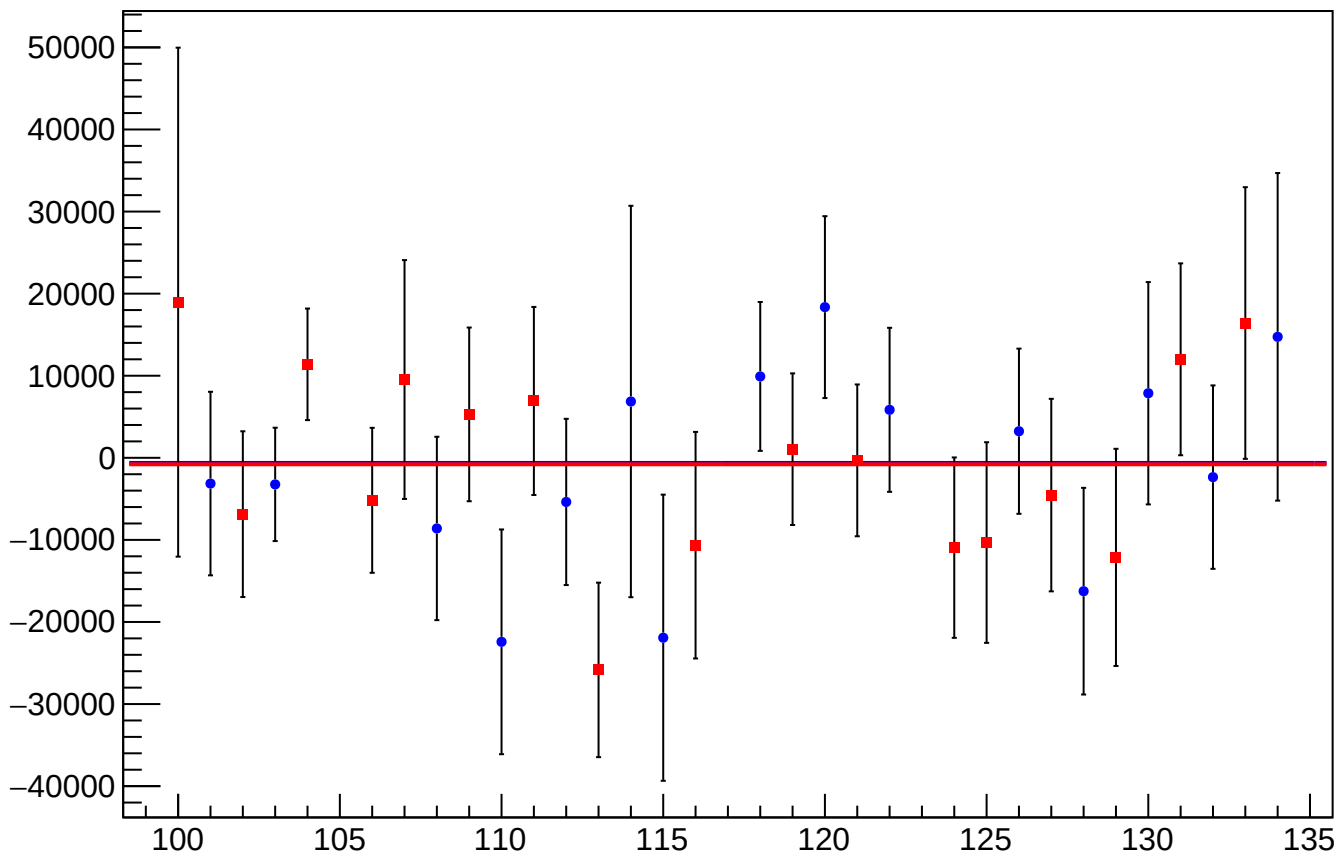
Right: 1633.808+/-0.327 χ^2/NDF : 789186.9/31

In: 1638.140+/-0.468 χ^2/NDF : 387133.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.808+/-0.327 χ^2/NDF : 789186.9/31

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -626.881+/-2891.392 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -787.518+/-2643.879 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

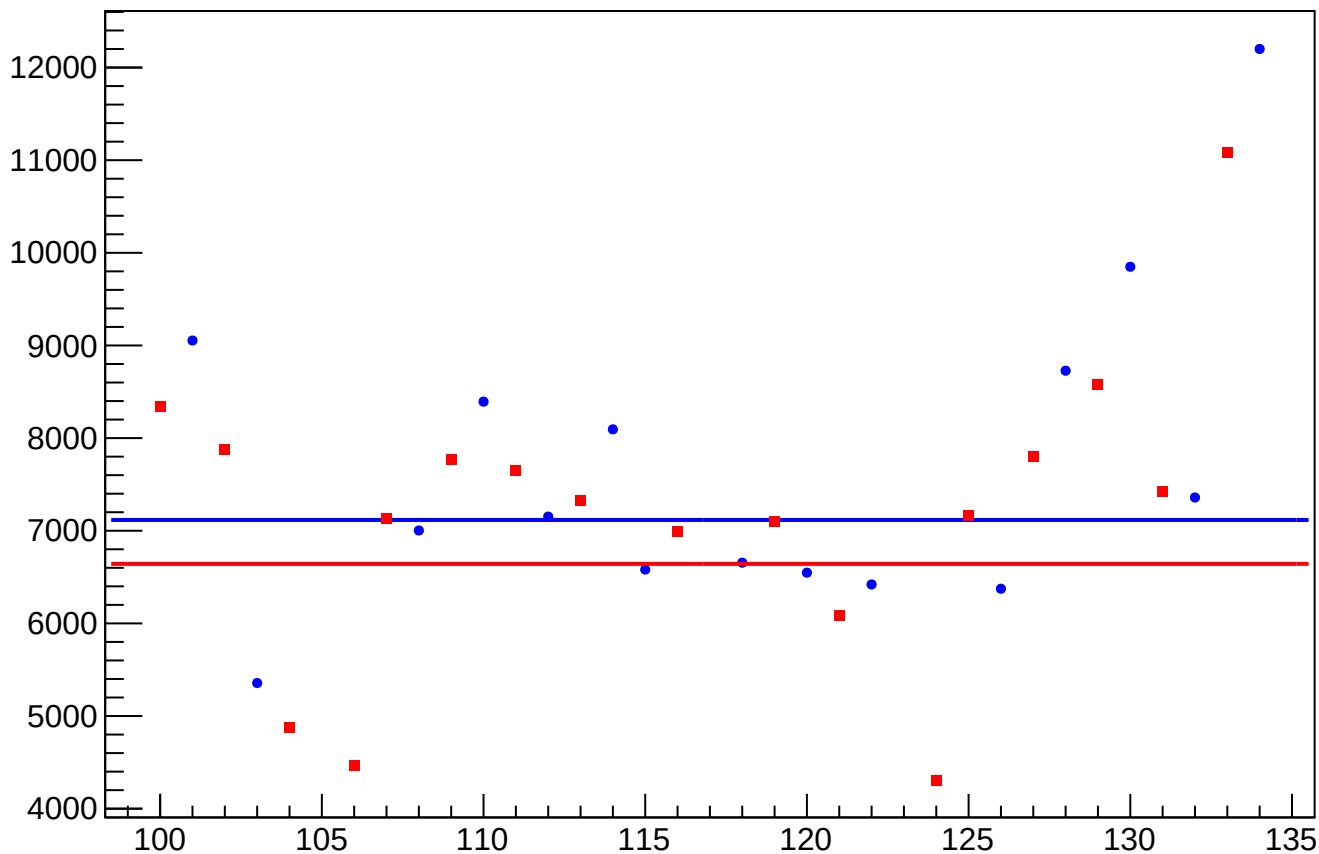
Right: -714.368+/-1951.151 χ^2/NDF : 28.7/31

In: -626.881+/-2891.392 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -714.368+/-1951.151 χ^2/NDF : 28.7/31

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7116.581+/-2.045 χ^2/NDF : 488932.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6642.801+/-1.870 χ^2/NDF : 663611.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

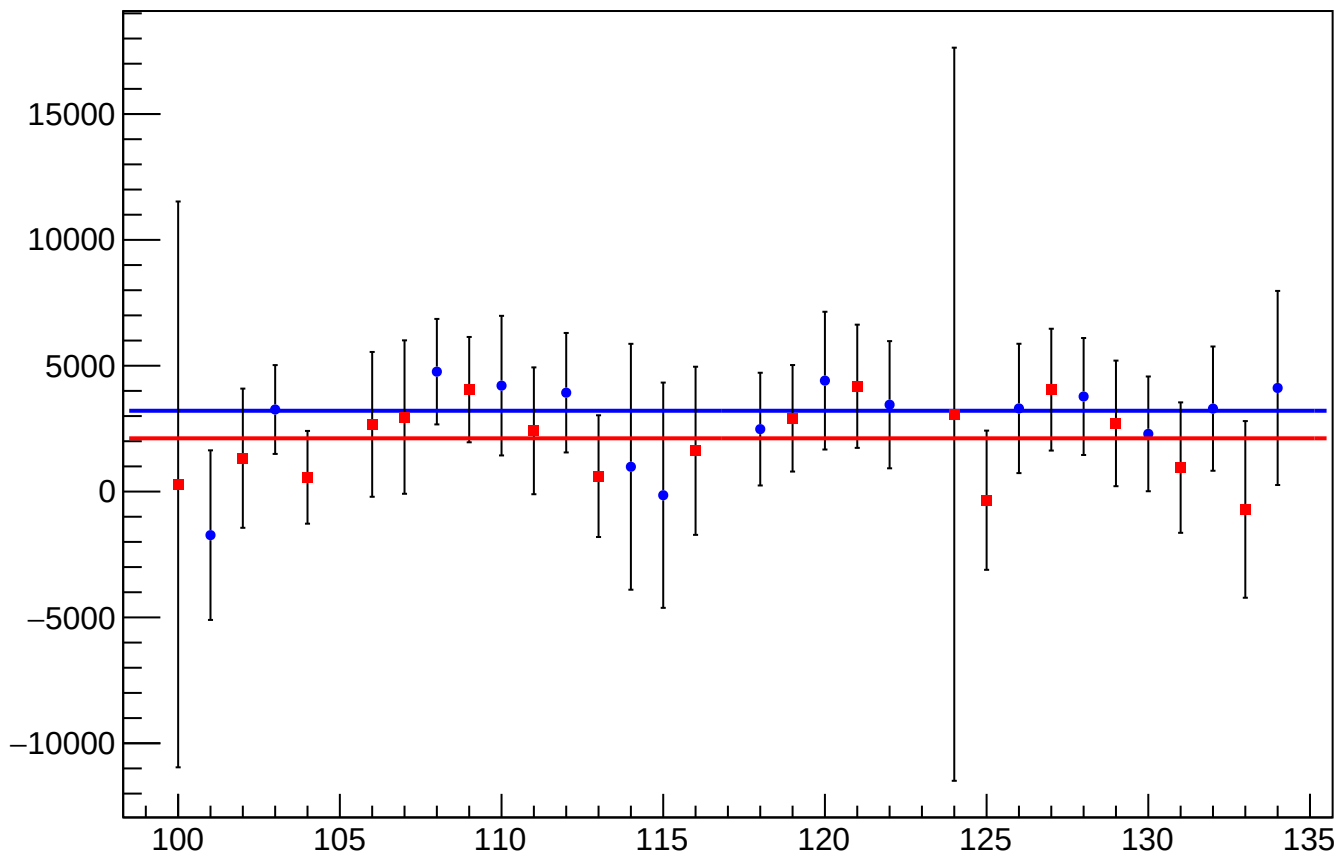
Right: 6858.548+/-1.380 χ^2/NDF : 1181789.1/31

In: 7116.581+/-2.045 χ^2/NDF : 488932.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6858.548+/-1.380 χ^2/NDF : 1181789.1/31

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3210.578+/-661.366 χ^2/NDF : 4.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2115.729+/-646.153 χ^2/NDF : 5.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

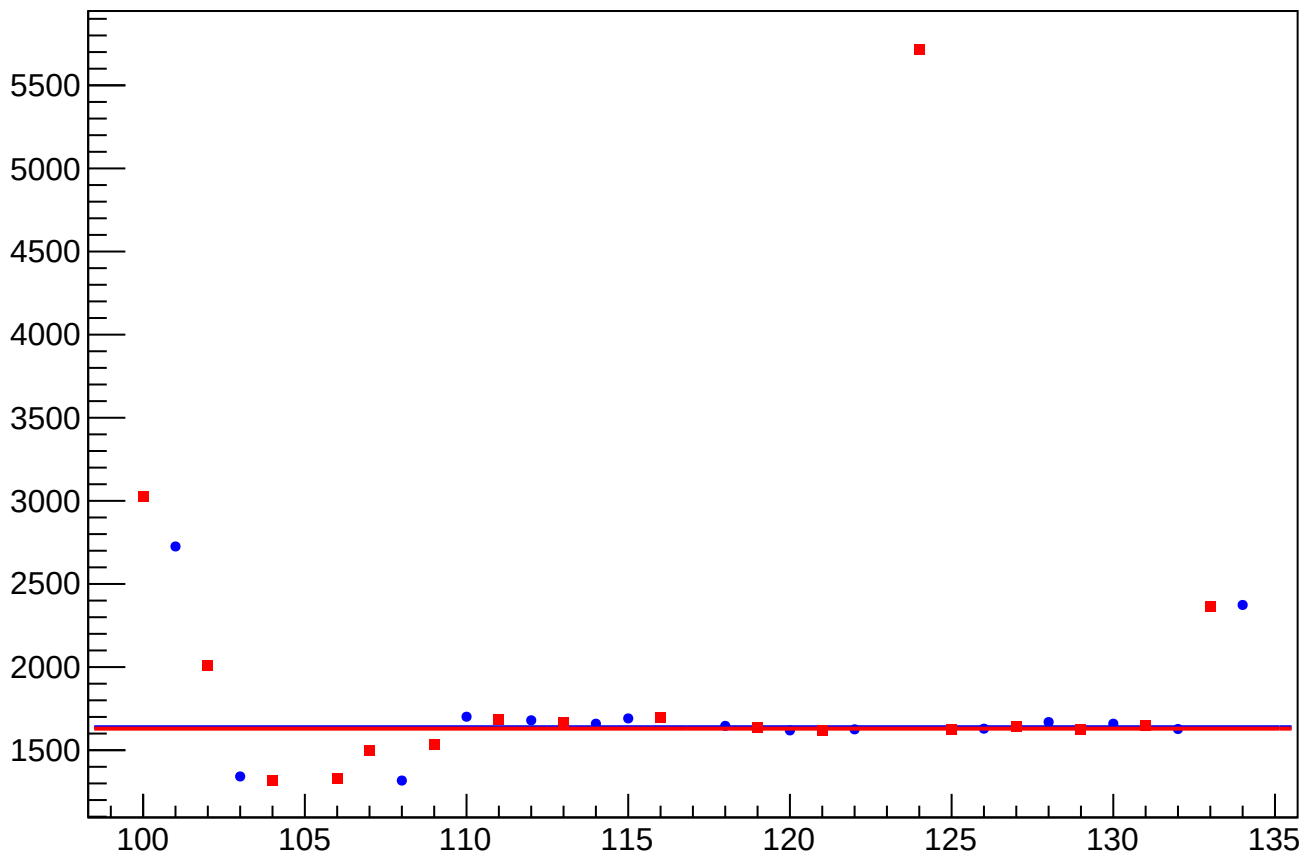
Right: 2650.417+/-462.184 χ^2/NDF : 11.1/31

In: 3210.578+/-661.366 χ^2/NDF : 4.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2650.417+/-462.184 χ^2/NDF : 11.1/31

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1638.140+/-0.468 χ^2/NDF : 387133.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1629.672+/-0.457 χ^2/NDF : 401885.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

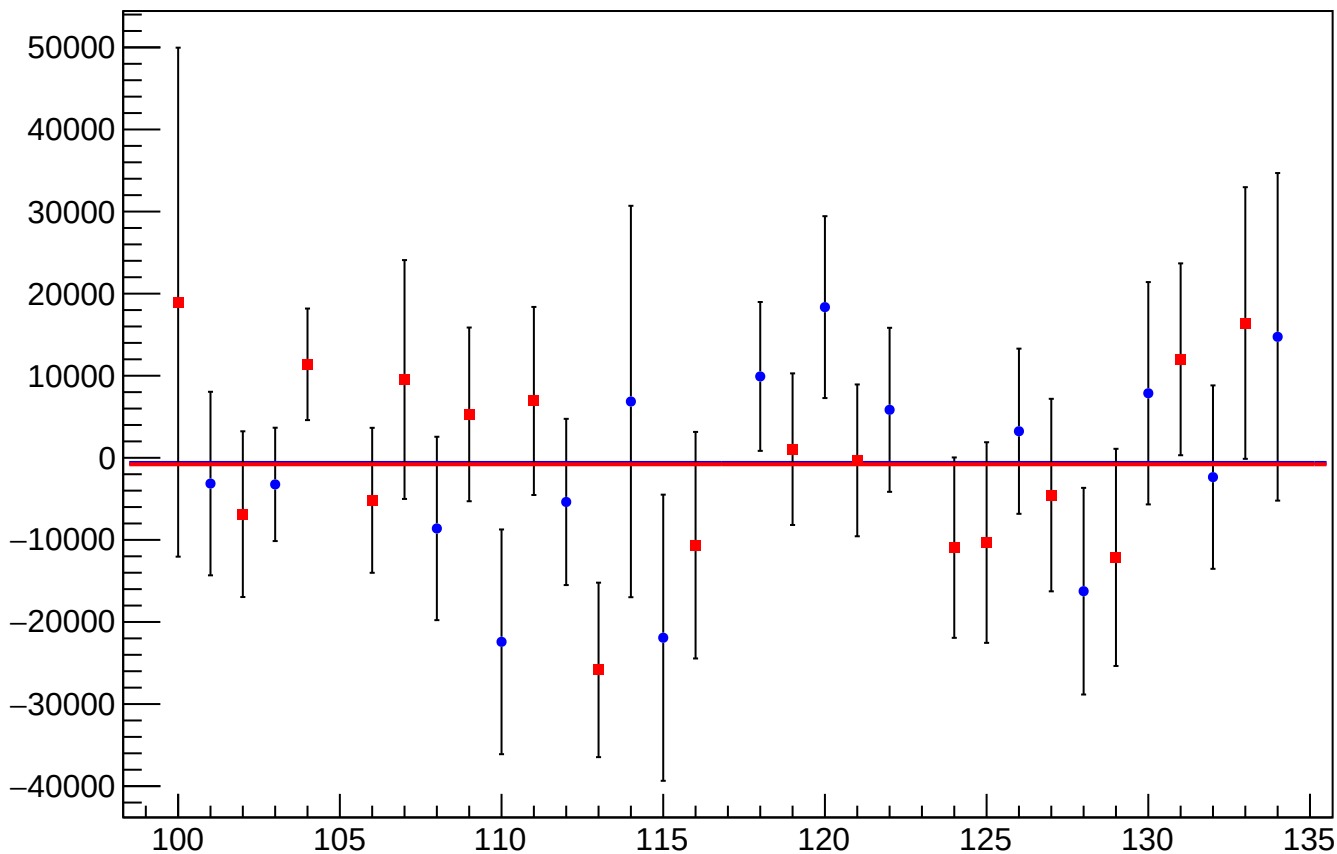
Right: 1633.808+/-0.327 χ^2/NDF : 789186.9/31

In: 1638.140+/-0.468 χ^2/NDF : 387133.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.808+/-0.327 χ^2/NDF : 789186.9/31

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -626.881+/-2891.392 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -787.518+/-2643.879 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

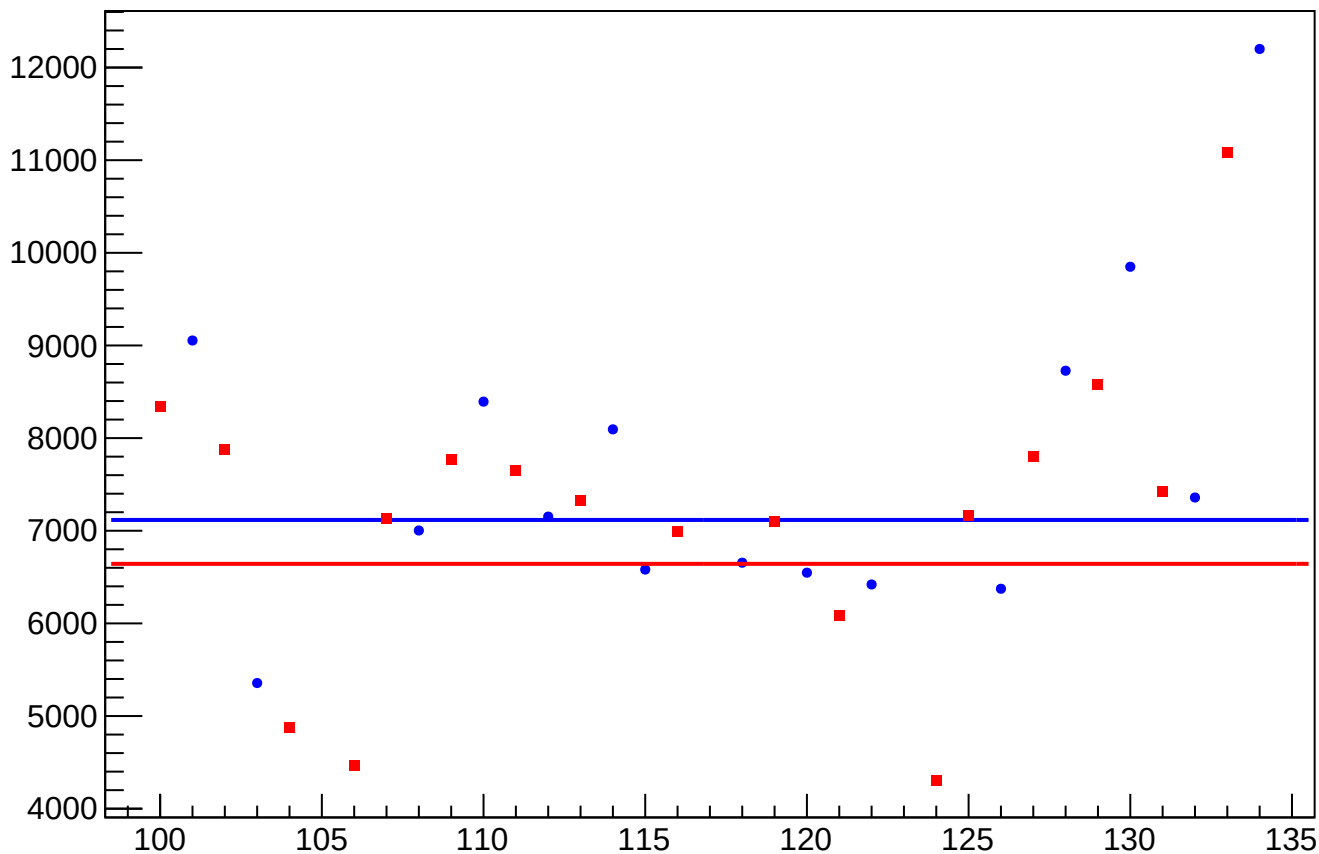
Right: -714.368+/-1951.151 χ^2/NDF : 28.7/31

In: -626.881+/-2891.392 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -714.368+/-1951.151 χ^2/NDF : 28.7/31

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7116.581+/-2.045 χ^2/NDF : 488932.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6642.801+/-1.870 χ^2/NDF : 663611.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

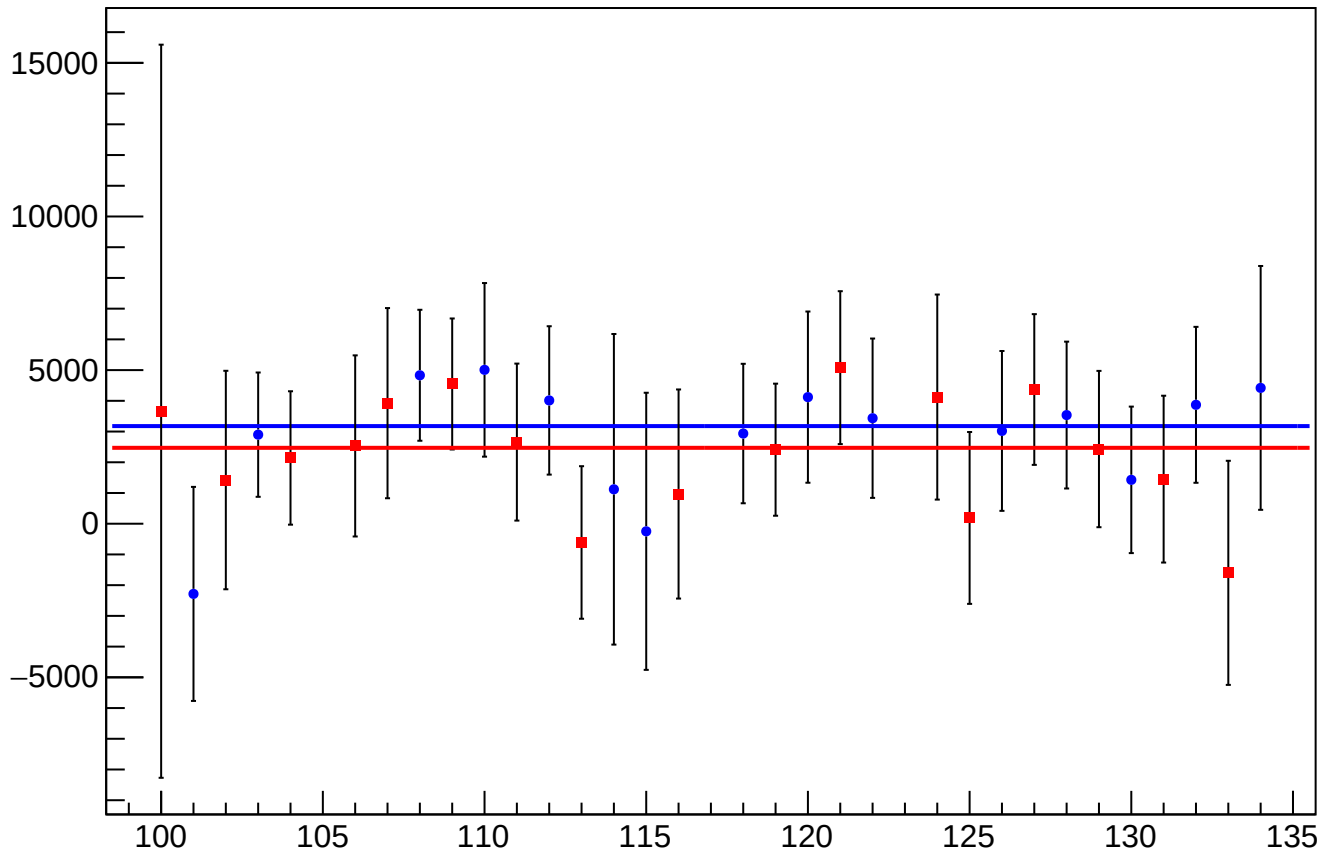
Right: 6858.548+/-1.380 χ^2/NDF : 1181789.1/31

In: 7116.581+/-2.045 χ^2/NDF : 488932.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6858.548+/-1.380 χ^2/NDF : 1181789.1/31

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3177.670+/-686.626 χ^2/NDF : 5.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2470.349+/-664.229 χ^2/NDF : 7.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

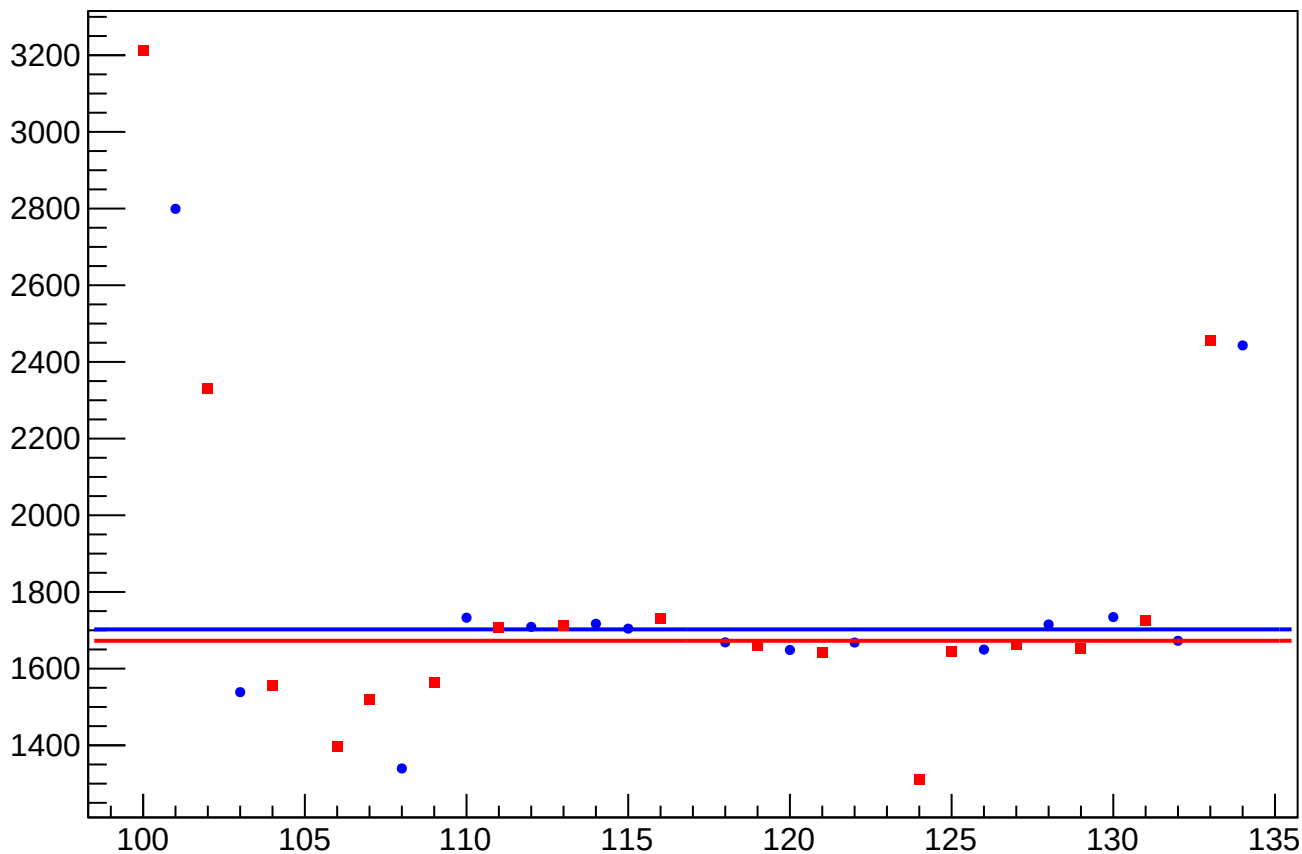
Right: 2812.285+/-477.402 χ^2/NDF : 12.8/31

In: 3177.670+/-686.626 χ^2/NDF : 5.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.285+/-477.402 χ^2/NDF : 12.8/31

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1702.377+/-0.486 χ^2/NDF : 342318.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1672.676+/-0.469 χ^2/NDF : 254033.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

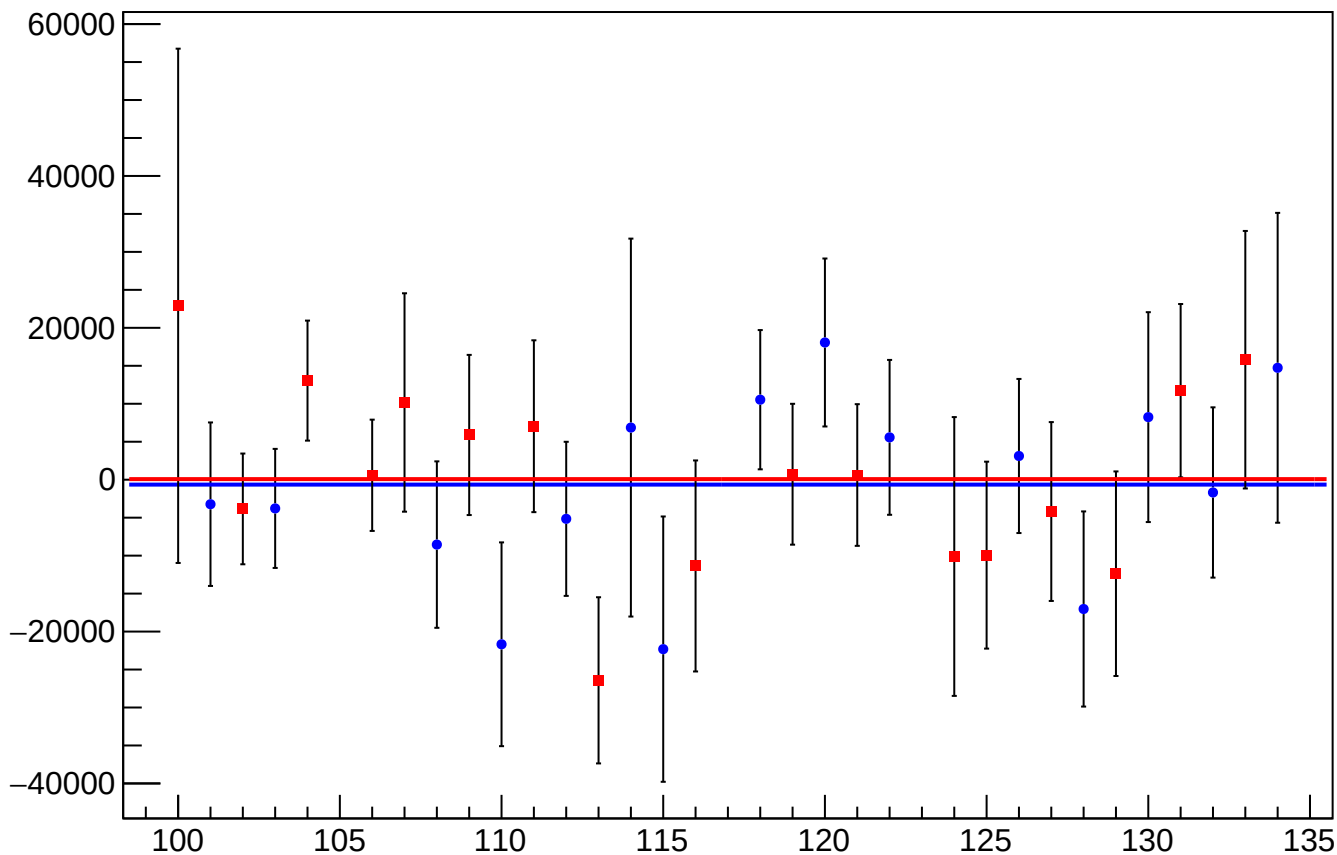
Right: 1687.028+/-0.338 χ^2/NDF : 598285.8/31

In: 1702.377+/-0.486 χ^2/NDF : 342318.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.028+/-0.338 χ^2/NDF : 598285.8/31

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -646.586+/-2956.133 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.241+/-2616.686 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

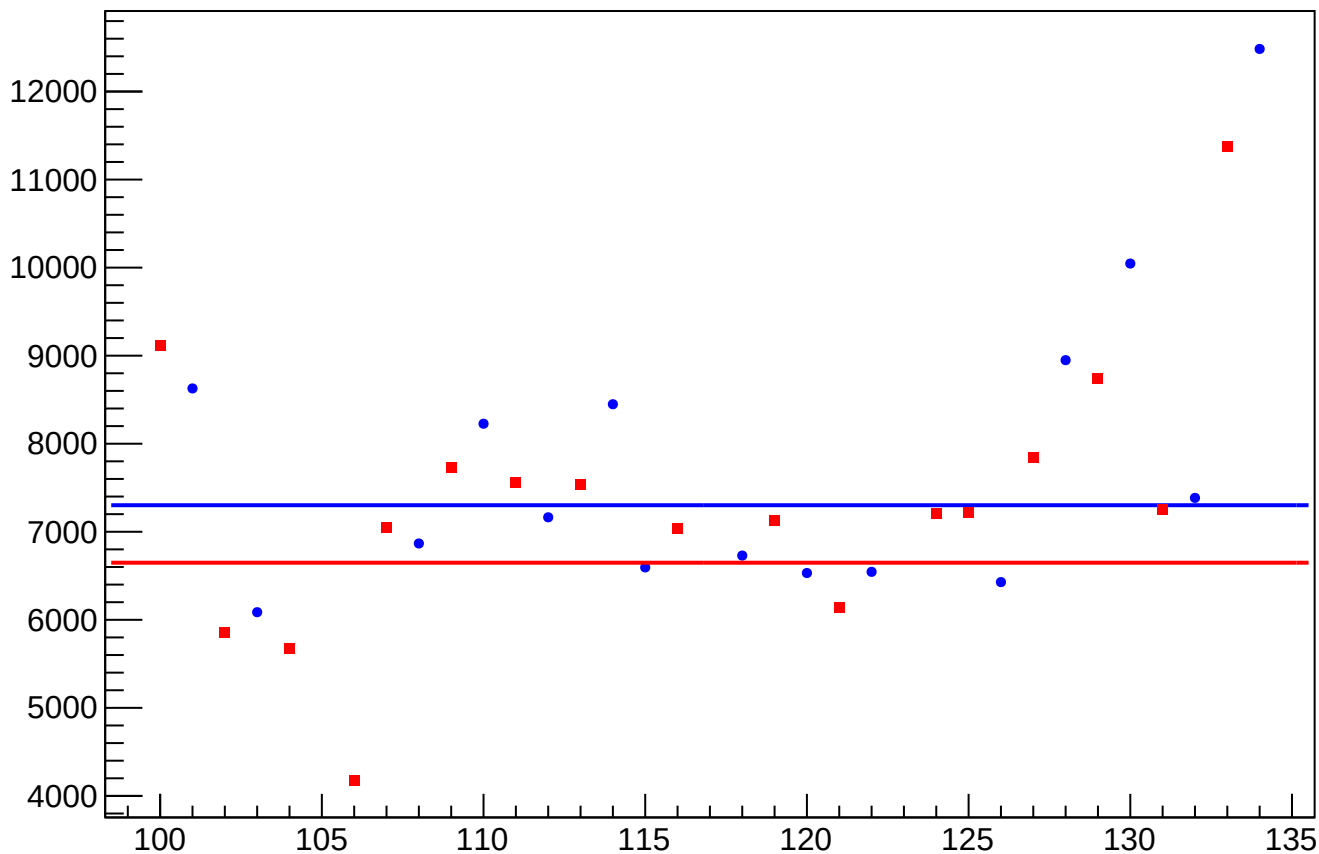
Right: -240.746+/-1959.347 χ^2/NDF : 27.6/31

In: -646.586+/-2956.133 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.746+/-1959.347 χ^2/NDF : 27.6/31

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7301.558+/-2.090 χ^2/NDF : 383161.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6648.543+/-1.850 χ^2/NDF : 589412.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

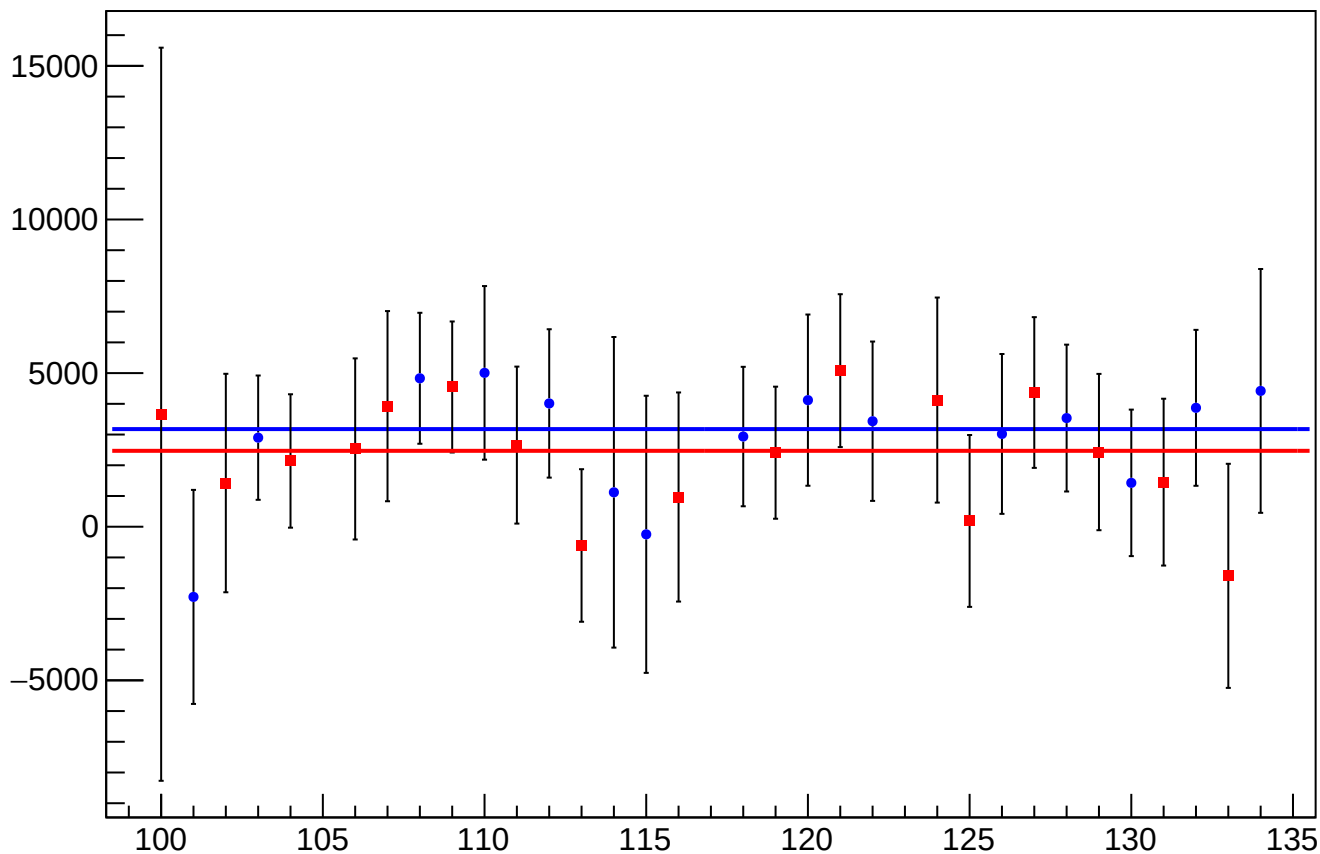
Right: 6935.421+/-1.385 χ^2/NDF : 1027294.1/31

In: 7301.558+/-2.090 χ^2/NDF : 383161.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6935.421+/-1.385 χ^2/NDF : 1027294.1/31

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3177.672+/-686.625 χ^2/NDF : 5.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2470.357+/-664.229 χ^2/NDF : 7.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

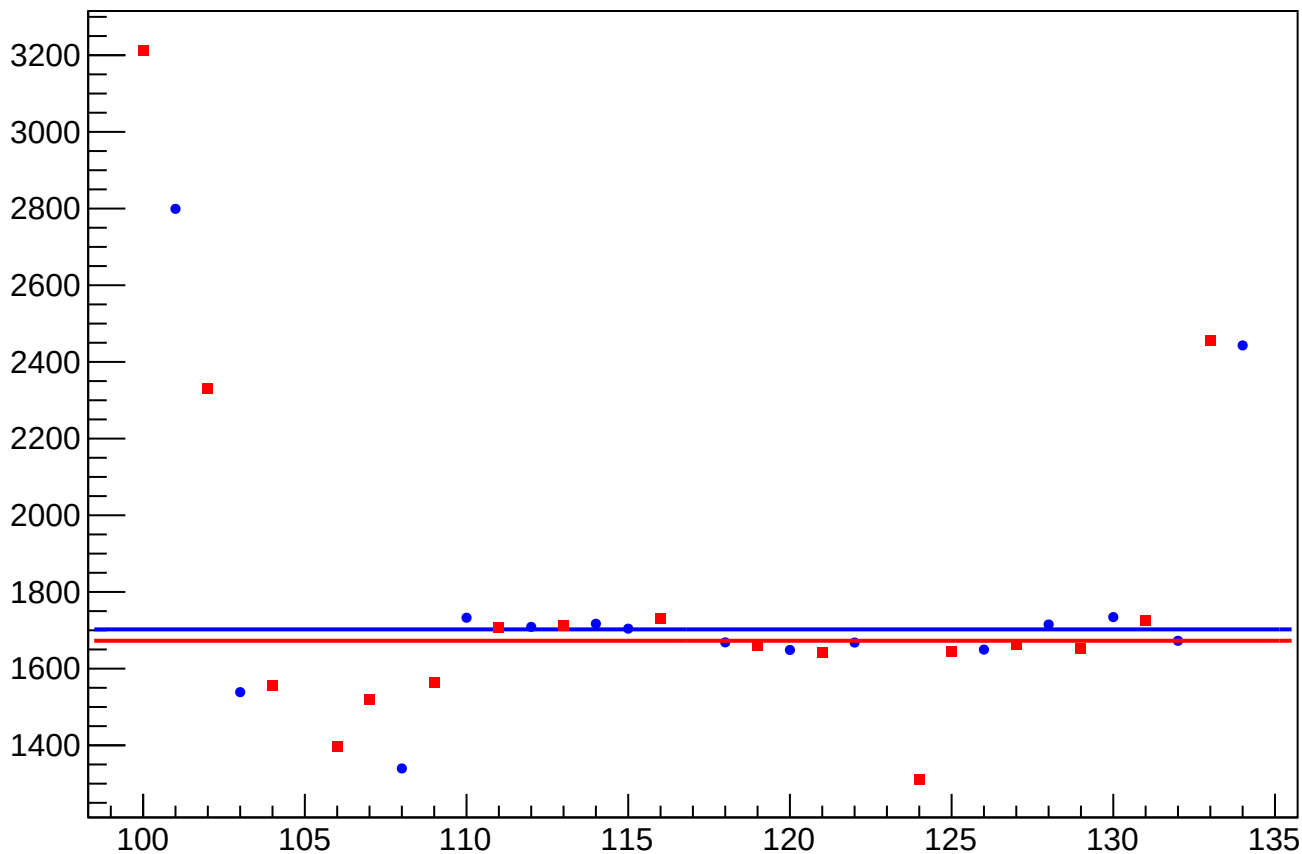
Right: 2812.291+/-477.402 χ^2/NDF : 12.8/31

In: 3177.672+/-686.625 χ^2/NDF : 5.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.291+/-477.402 χ^2/NDF : 12.8/31

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1702.376 ± 0.486 χ^2/NDF : 342318.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1672.676 ± 0.469 χ^2/NDF : 254033.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

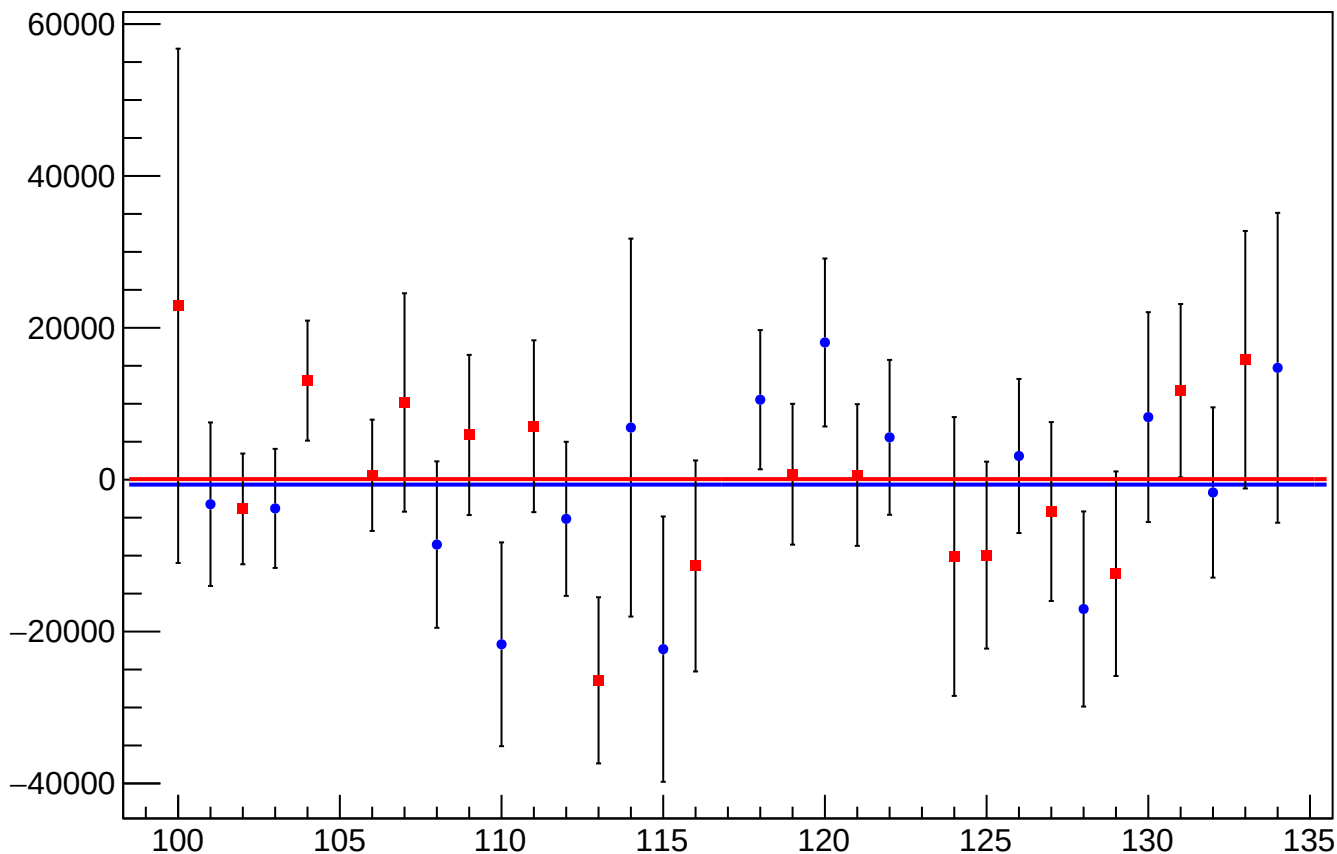
Right: 1687.028 ± 0.338 χ^2/NDF : 598285.3/31

In: 1702.376 ± 0.486 χ^2/NDF : 342318.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1687.028 ± 0.338 χ^2/NDF : 598285.3/31

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -646.577+/-2956.125 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.248+/-2616.679 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

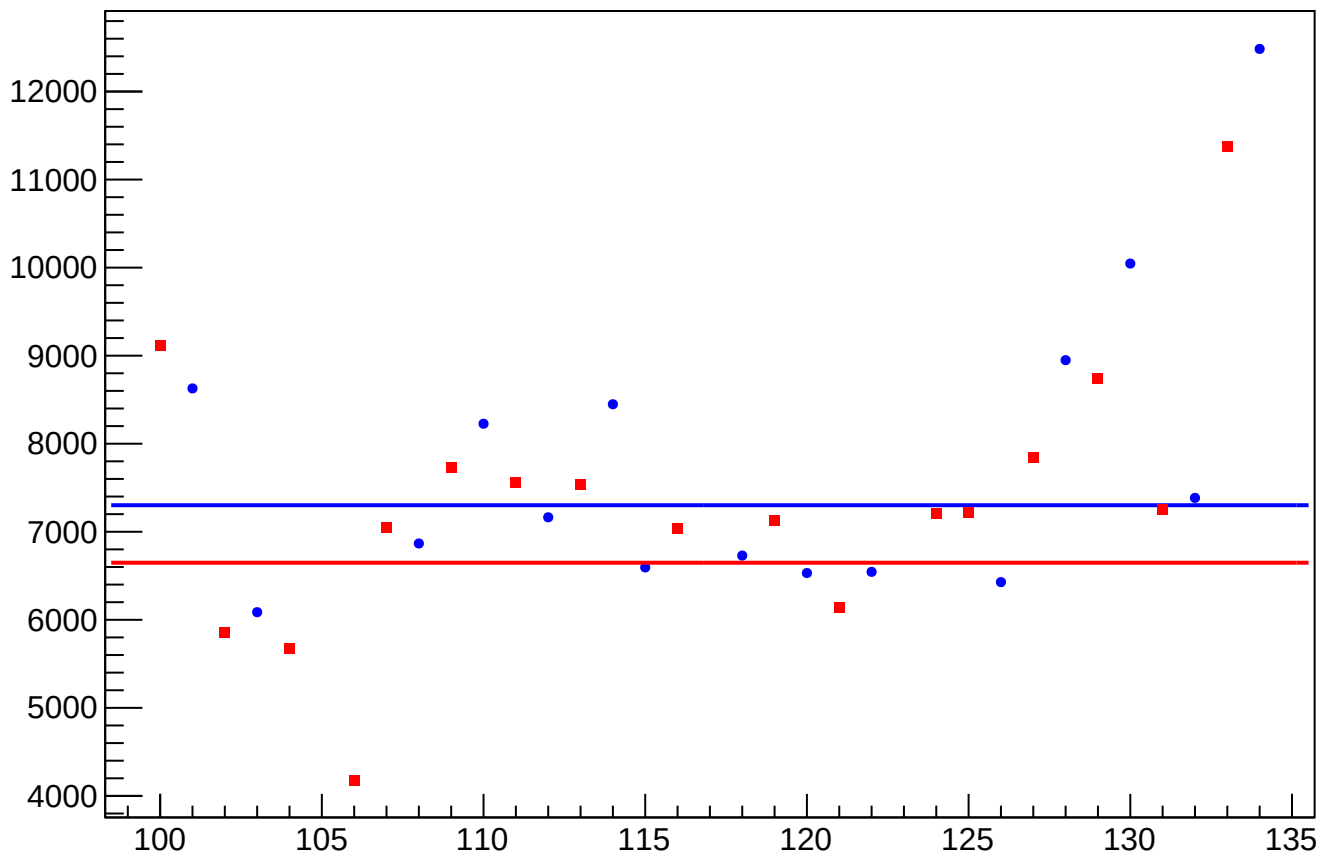
Right: -240.738+/-1959.342 χ^2/NDF : 27.6/31

In: -646.577+/-2956.125 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.738+/-1959.342 χ^2/NDF : 27.6/31

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7301.537+/-2.090 χ^2/NDF : 383162.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6648.527+/-1.850 χ^2/NDF : 589409.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

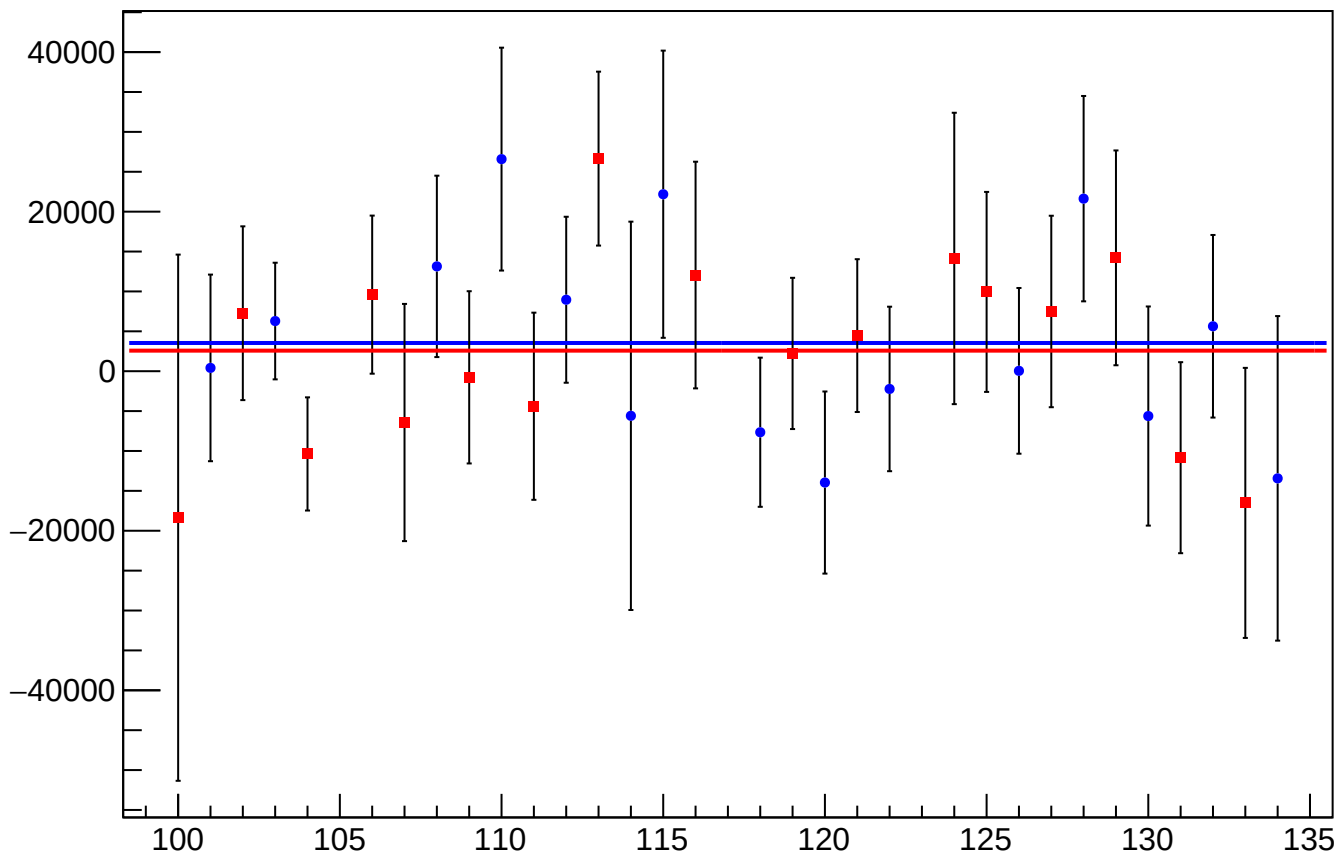
Right: 6935.404+/-1.385 χ^2/NDF : 1027291.1/31

In: 7301.537+/-2.090 χ^2/NDF : 383162.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6935.404+/-1.385 χ^2/NDF : 1027291.1/31

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3537.519+/-2987.077 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2577.405+/-2800.985 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

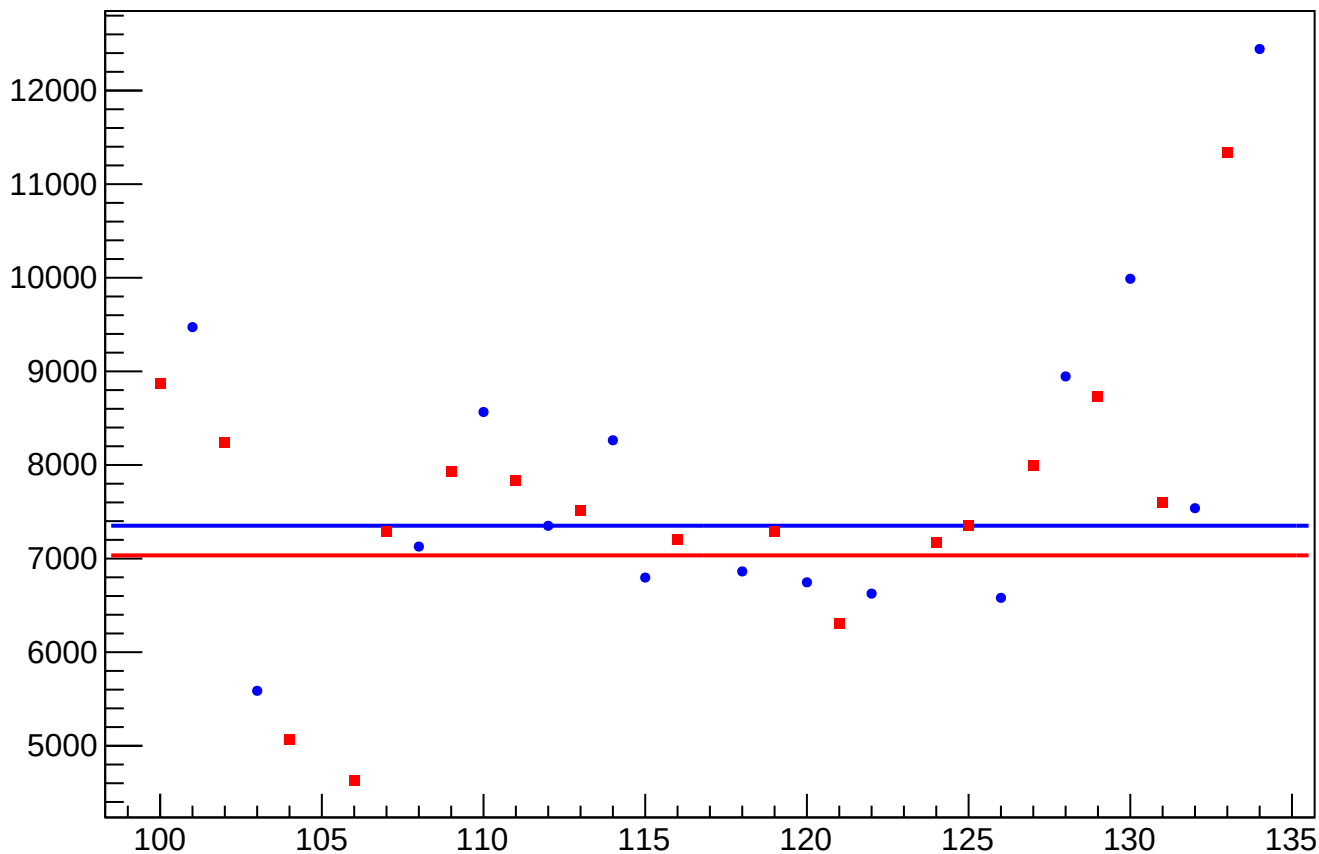
Right: 3026.626+/-2043.218 χ^2/NDF : 27.3/31

In: 3537.519+/-2987.077 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3026.626+/-2043.218 χ^2/NDF : 27.3/31

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7351.046+/-2.112 χ^2/NDF : 465143.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7034.408+/-1.980 χ^2/NDF : 523319.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

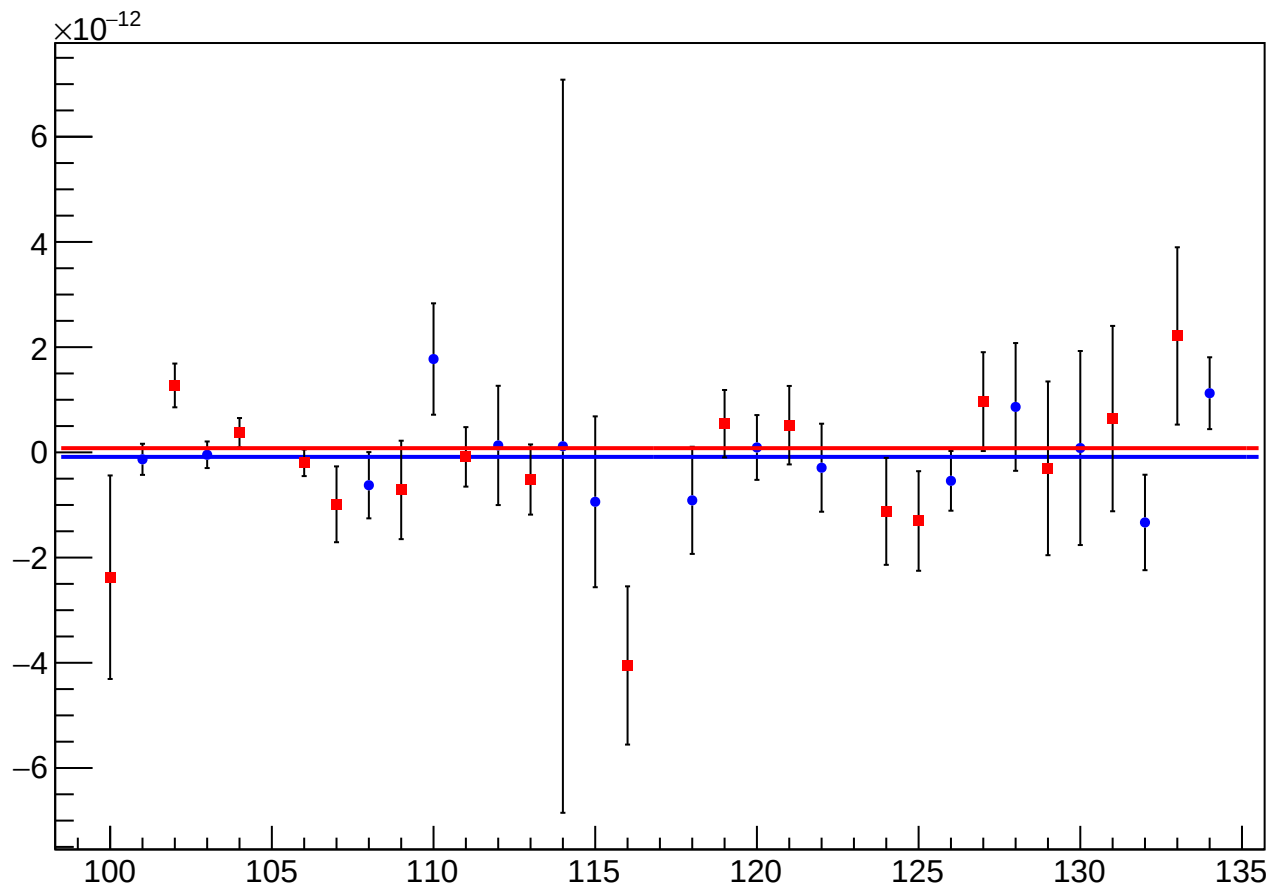
Right: 7182.547+/-1.445 χ^2/NDF : 1000421.5/31

In: 7351.046+/-2.112 χ^2/NDF : 465143.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7182.547+/-1.445 χ^2/NDF : 1000421.5/31

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 30.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

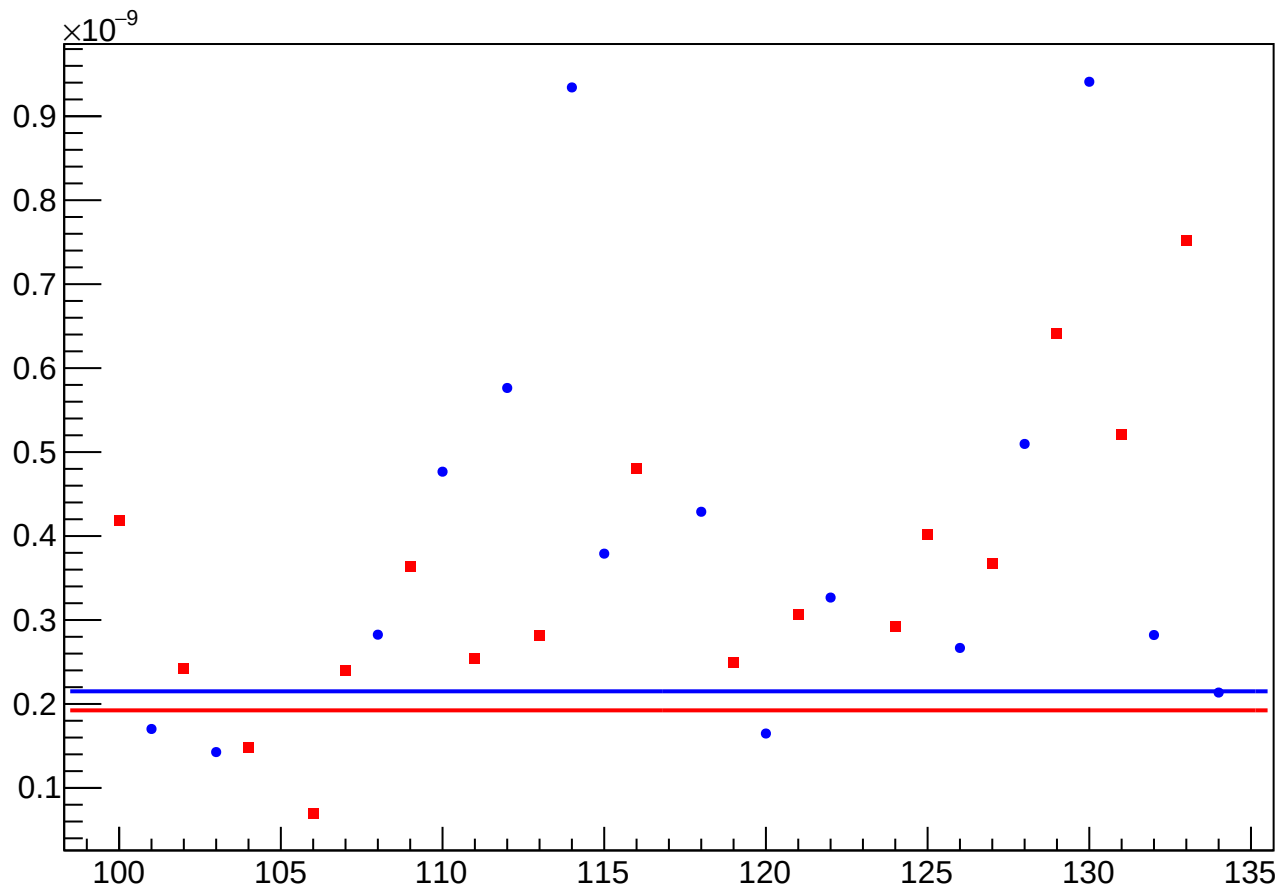
Right: 0.000+/-0.000 χ^2/NDF : 42.5/31

In: -0.000+/-0.000 χ^2/NDF : 11.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.5/31

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1192111.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1475828.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

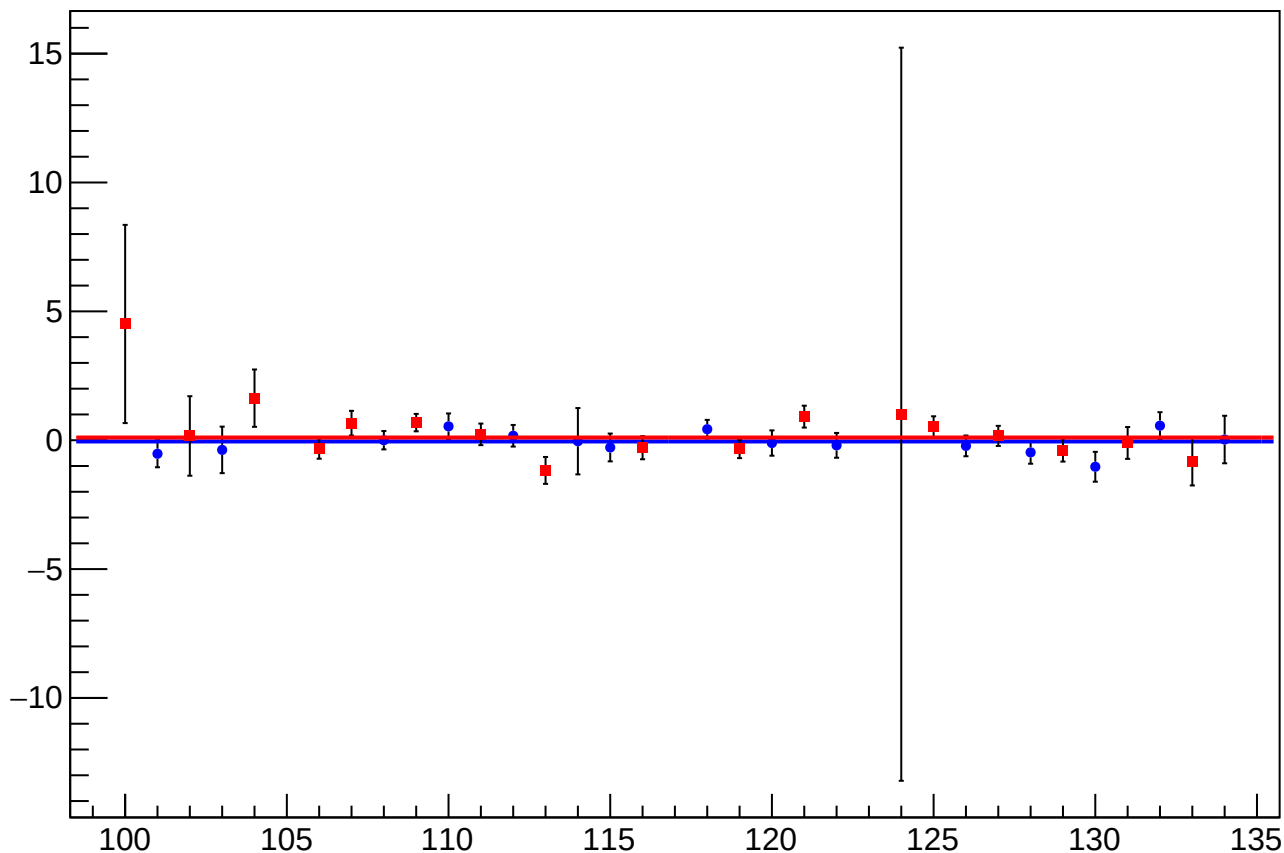
Right: 0.000+/-0.000 χ^2/NDF : 2692488.4/31

In: 0.000+/-0.000 χ^2/NDF : 1192111.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2692488.4/31

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.105 ± 0.120 χ^2/NDF : 24.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

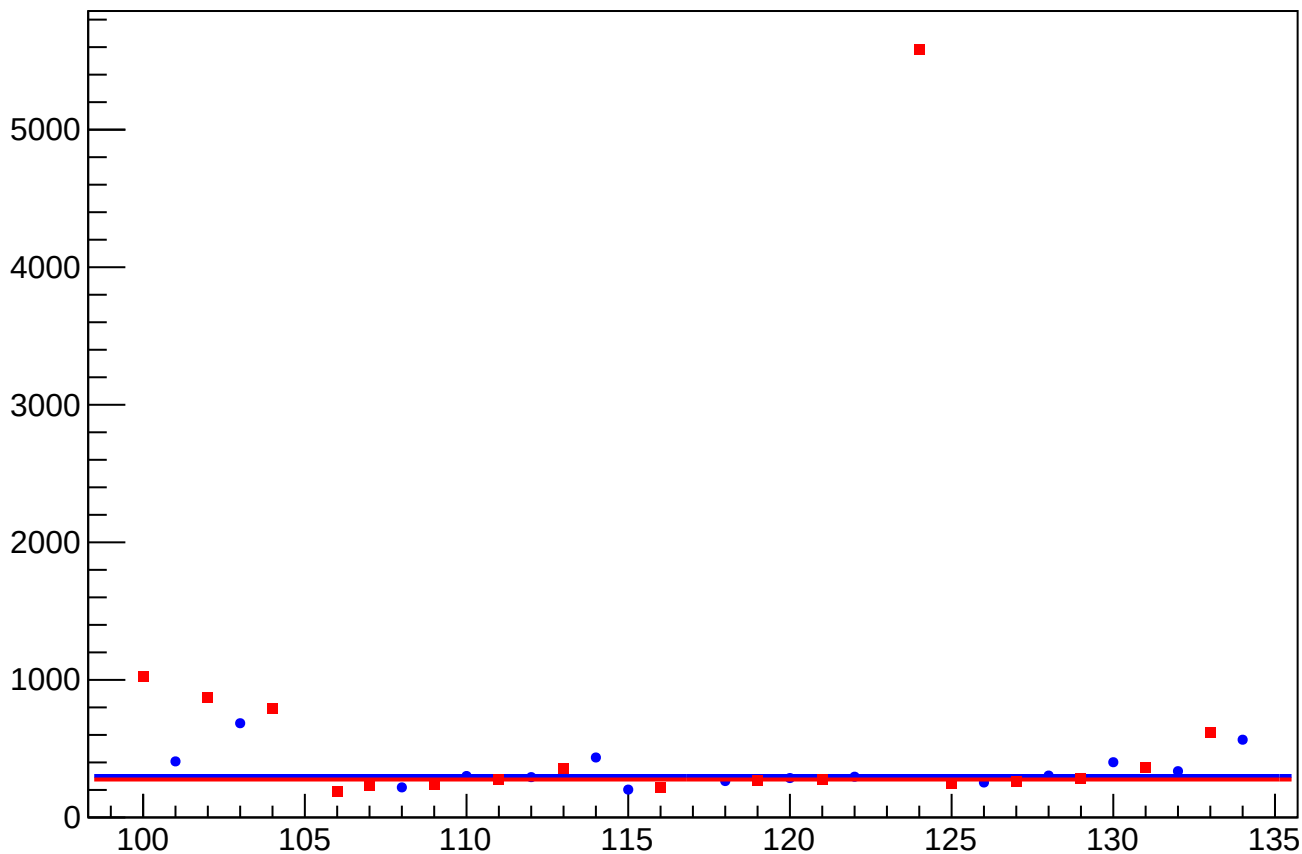
Right: 0.033 ± 0.087 χ^2/NDF : 34.8/31

In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.087 χ^2/NDF : 34.8/31

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 301.311+/-0.090 χ^2/NDF : 924504.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.826+/-0.085 χ^2/NDF : 1638038.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

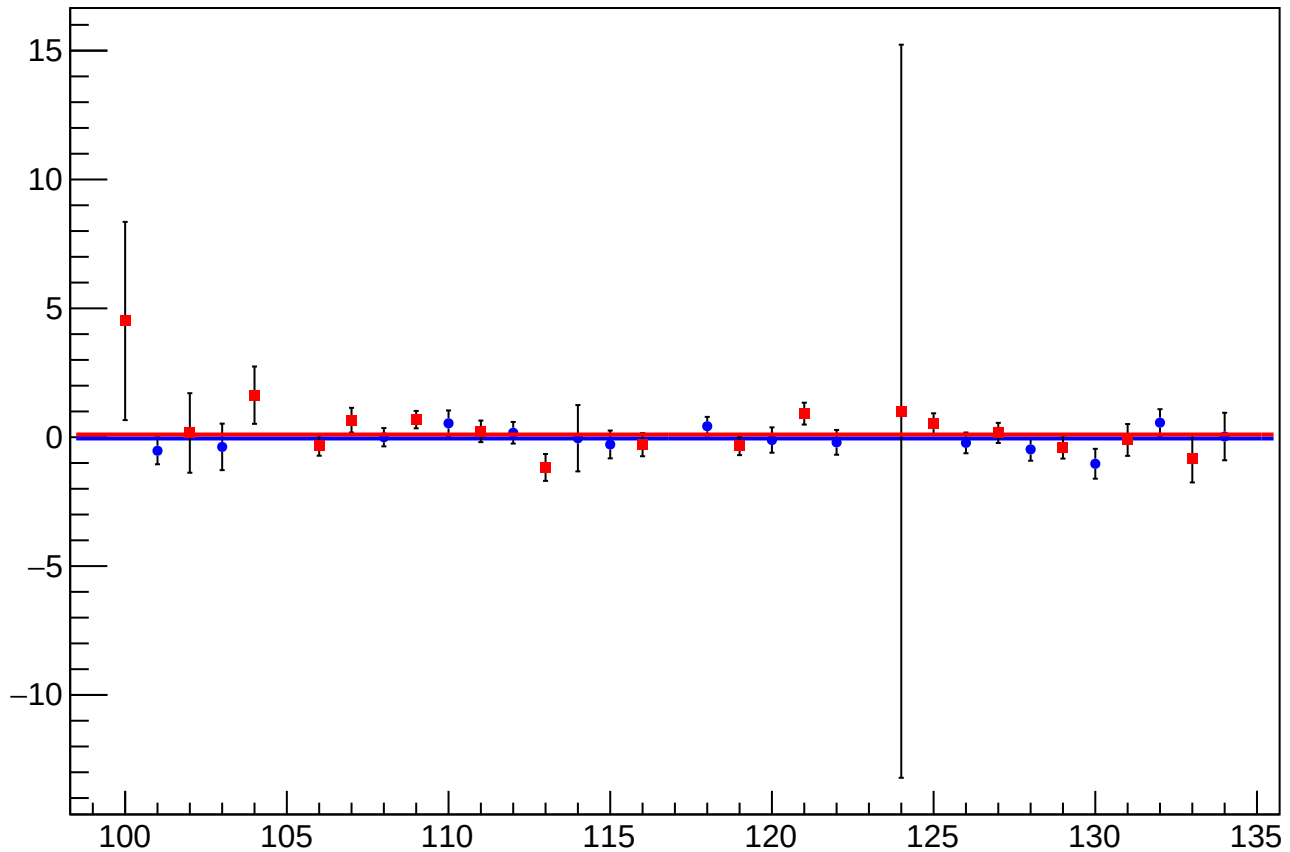
Right: 287.784+/-0.062 χ^2/NDF : 2605113.3/31

In: 301.311+/-0.090 χ^2/NDF : 924504.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.784+/-0.062 χ^2/NDF : 2605113.3/31

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.127 $\chi^2/\text{NDF}: 10.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.105 ± 0.120 $\chi^2/\text{NDF}: 24.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

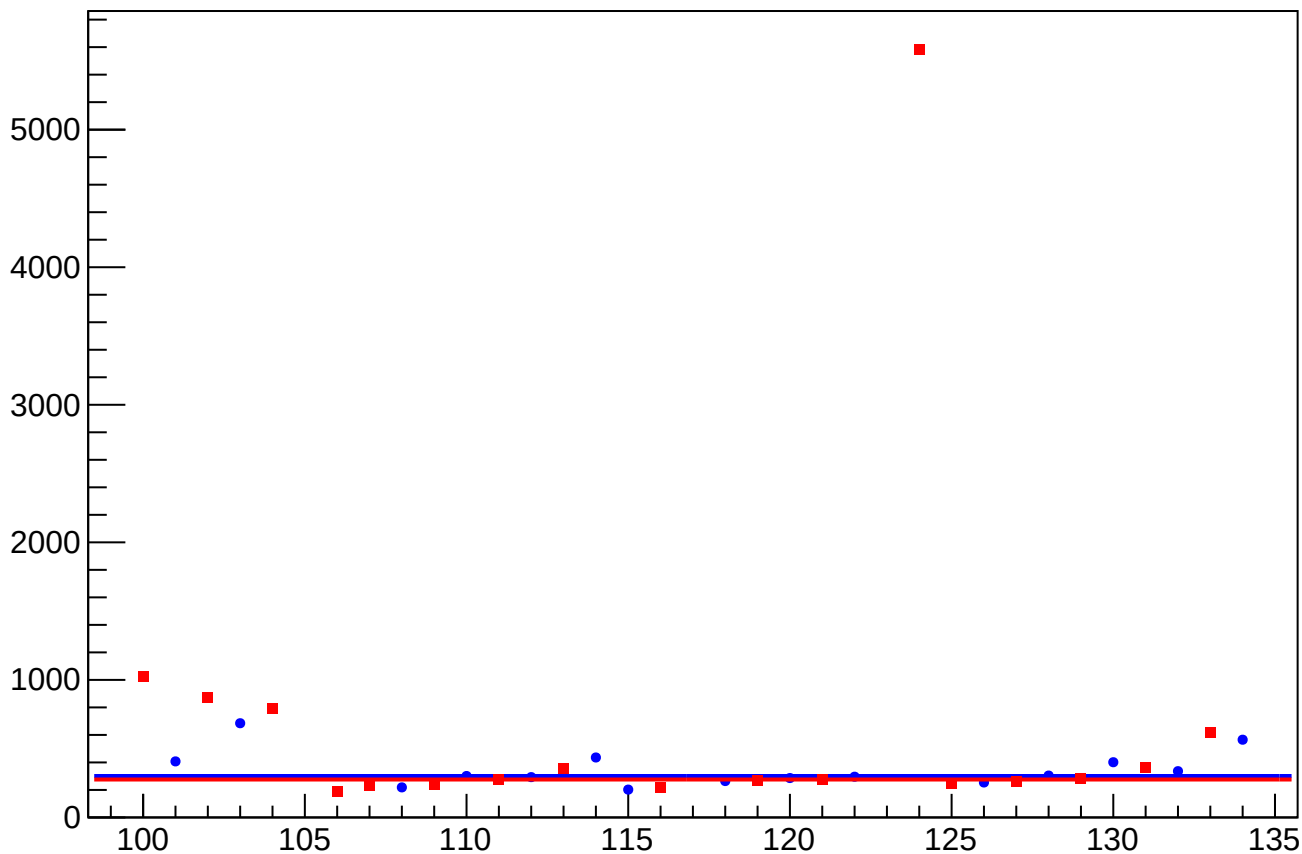
Right: 0.033 ± 0.087 $\chi^2/\text{NDF}: 34.8/31$

In: -0.048 ± 0.127 $\chi^2/\text{NDF}: 10.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.033 ± 0.087 $\chi^2/\text{NDF}: 34.8/31$

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 301.311+/-0.090 χ^2/NDF : 924504.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.826+/-0.085 χ^2/NDF : 1638038.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

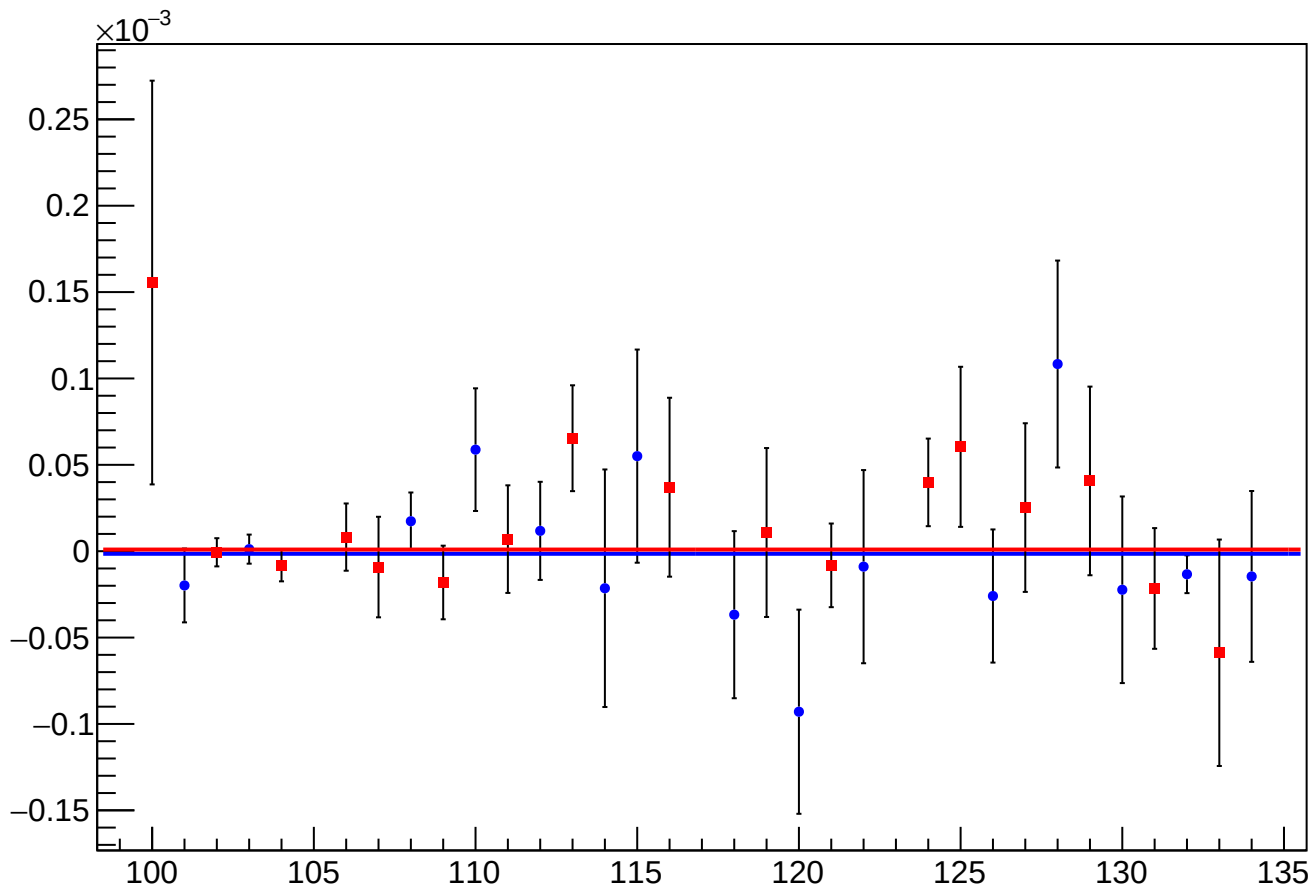
Right: 287.784+/-0.062 χ^2/NDF : 2605113.3/31

In: 301.311+/-0.090 χ^2/NDF : 924504.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.784+/-0.062 χ^2/NDF : 2605113.3/31

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

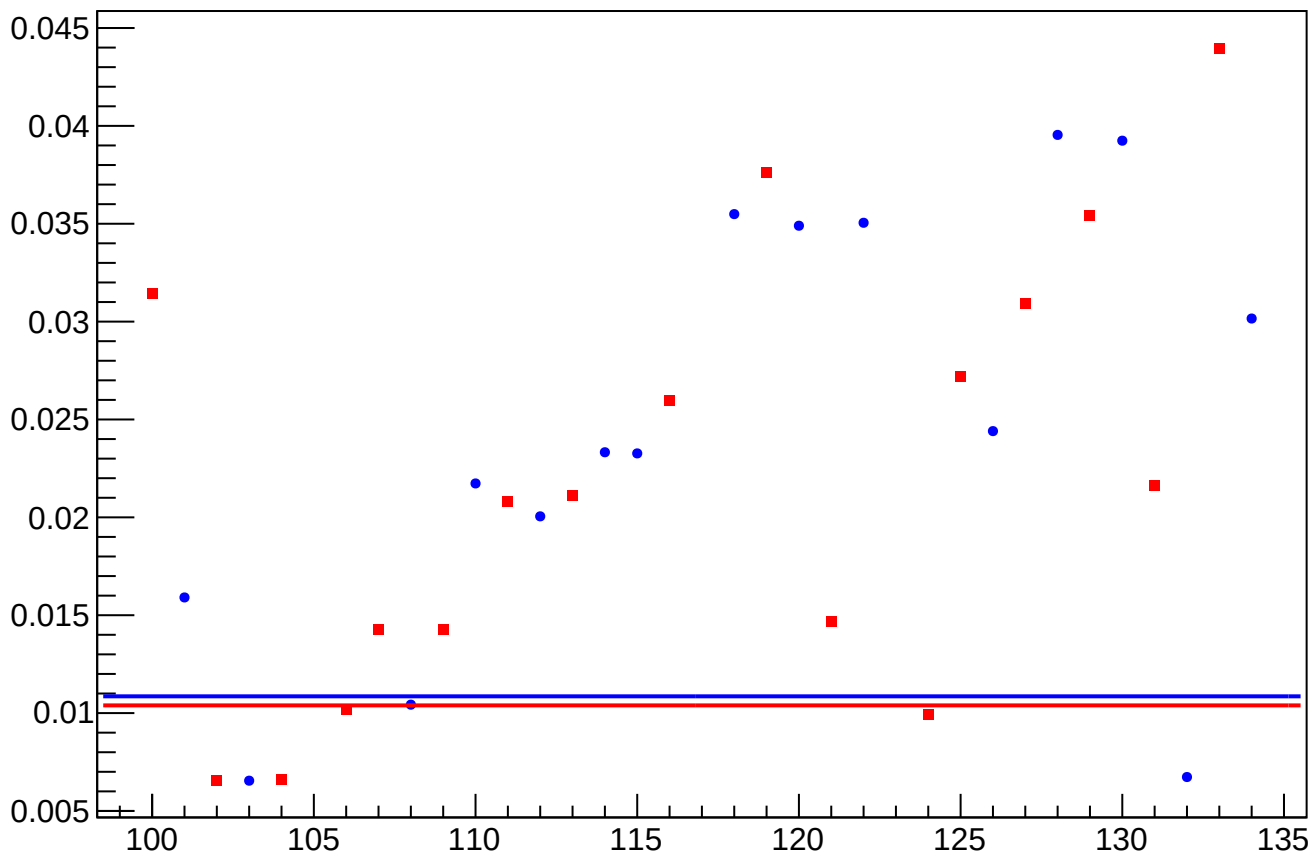
Right: -0.000+/-0.000 χ^2/NDF : 29.4/31

In: -0.000+/-0.000 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.4/31

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 4253471.5/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 4039997.8/16

Left 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 : 8301418.9/31

In: 0.011+/-0.000

χ^2/NDF : 4253471.5/14

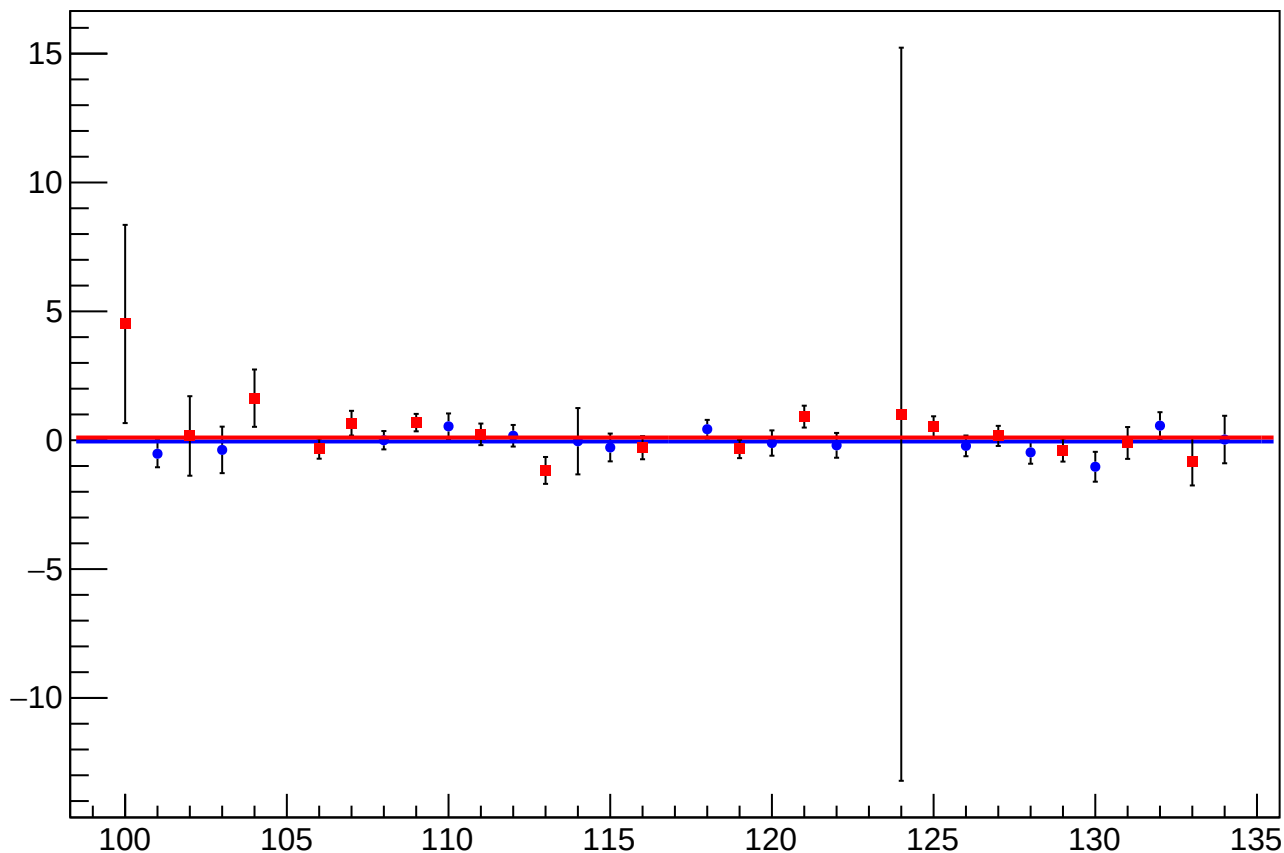
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 8301418.9/31

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.105 ± 0.120 χ^2/NDF : 24.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

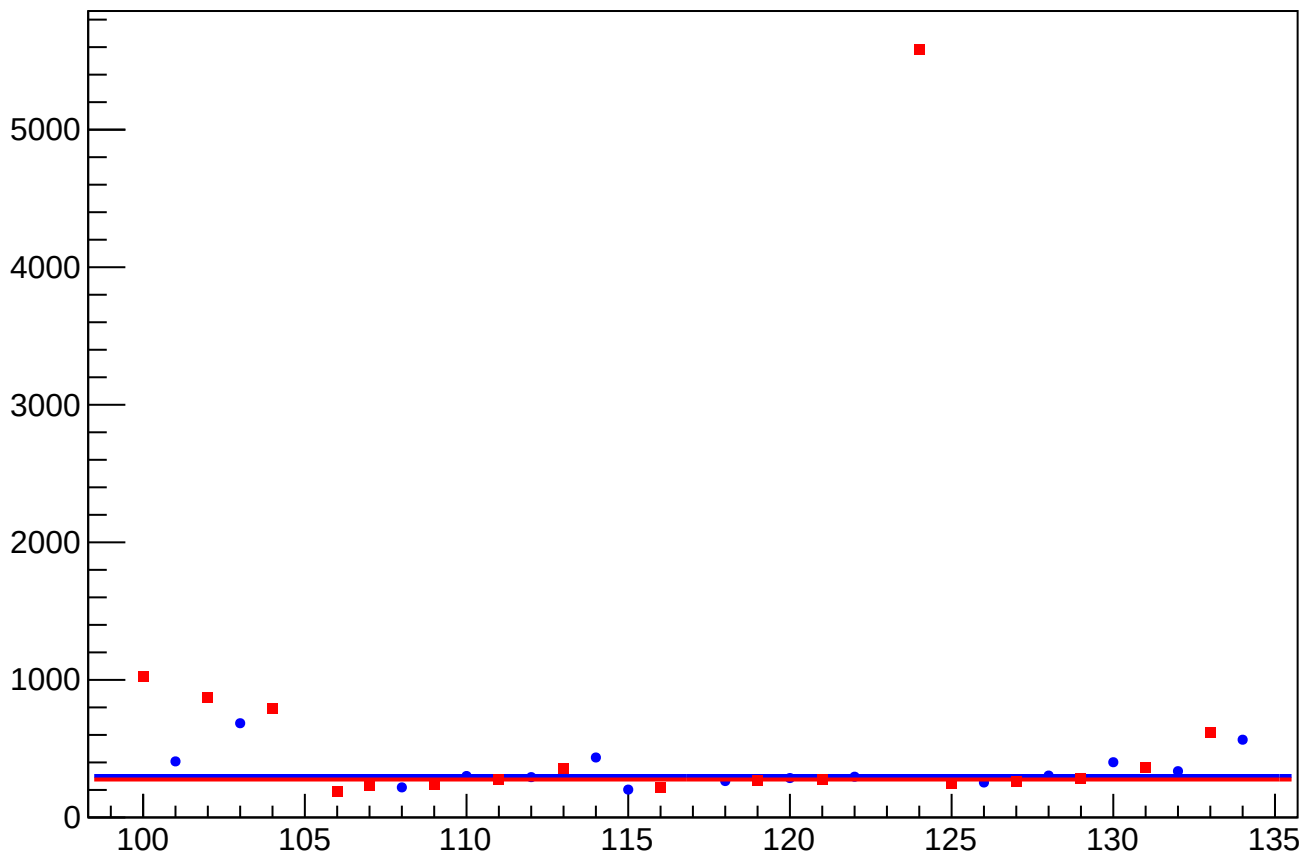
Right: 0.033 ± 0.087 χ^2/NDF : 34.8/31

In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.087 χ^2/NDF : 34.8/31

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 301.310+/-0.090 χ^2/NDF : 924458.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.825+/-0.085 χ^2/NDF : 1638004.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

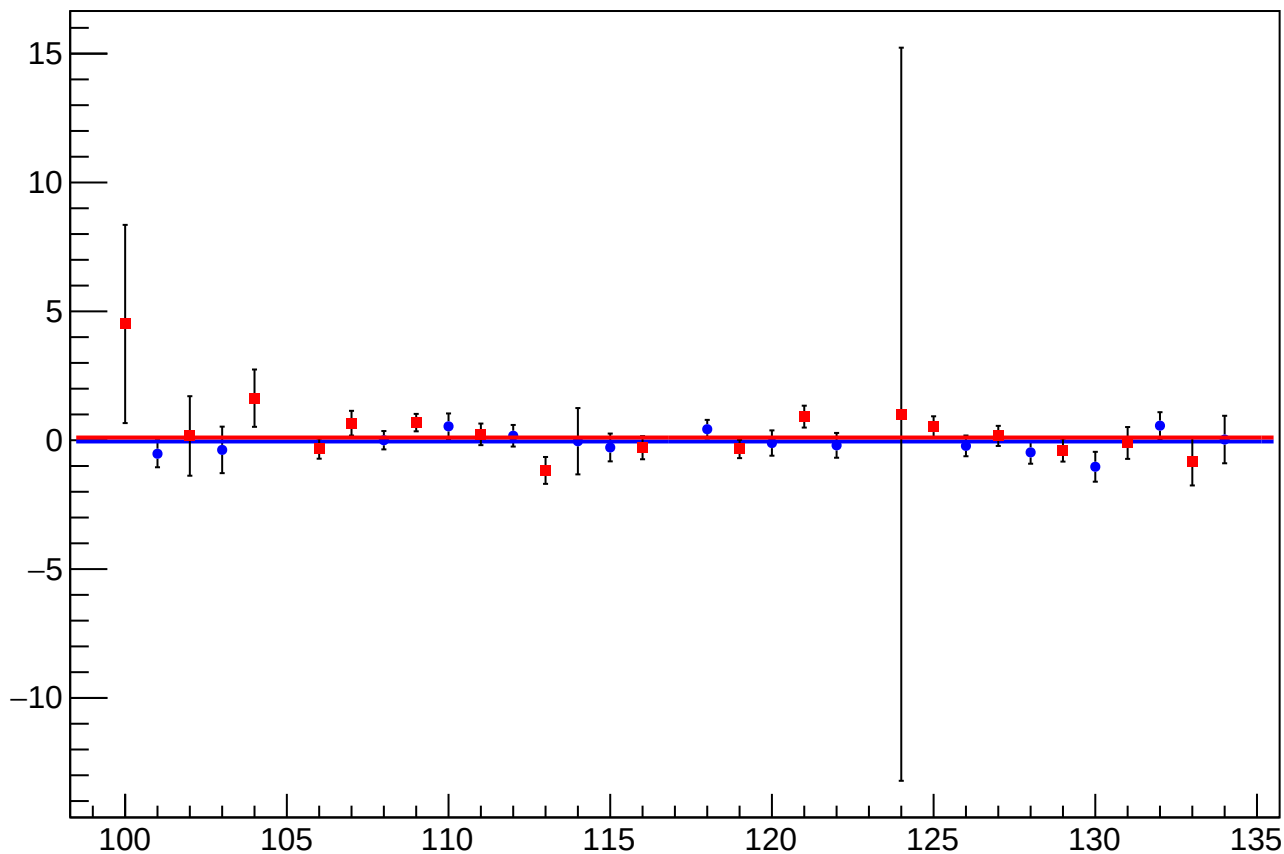
Right: 287.783+/-0.062 χ^2/NDF : 2605033.2/31

In: 301.310+/-0.090 χ^2/NDF : 924458.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.783+/-0.062 χ^2/NDF : 2605033.2/31

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.127 $\chi^2/\text{NDF}: 10.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.105 ± 0.120 $\chi^2/\text{NDF}: 24.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

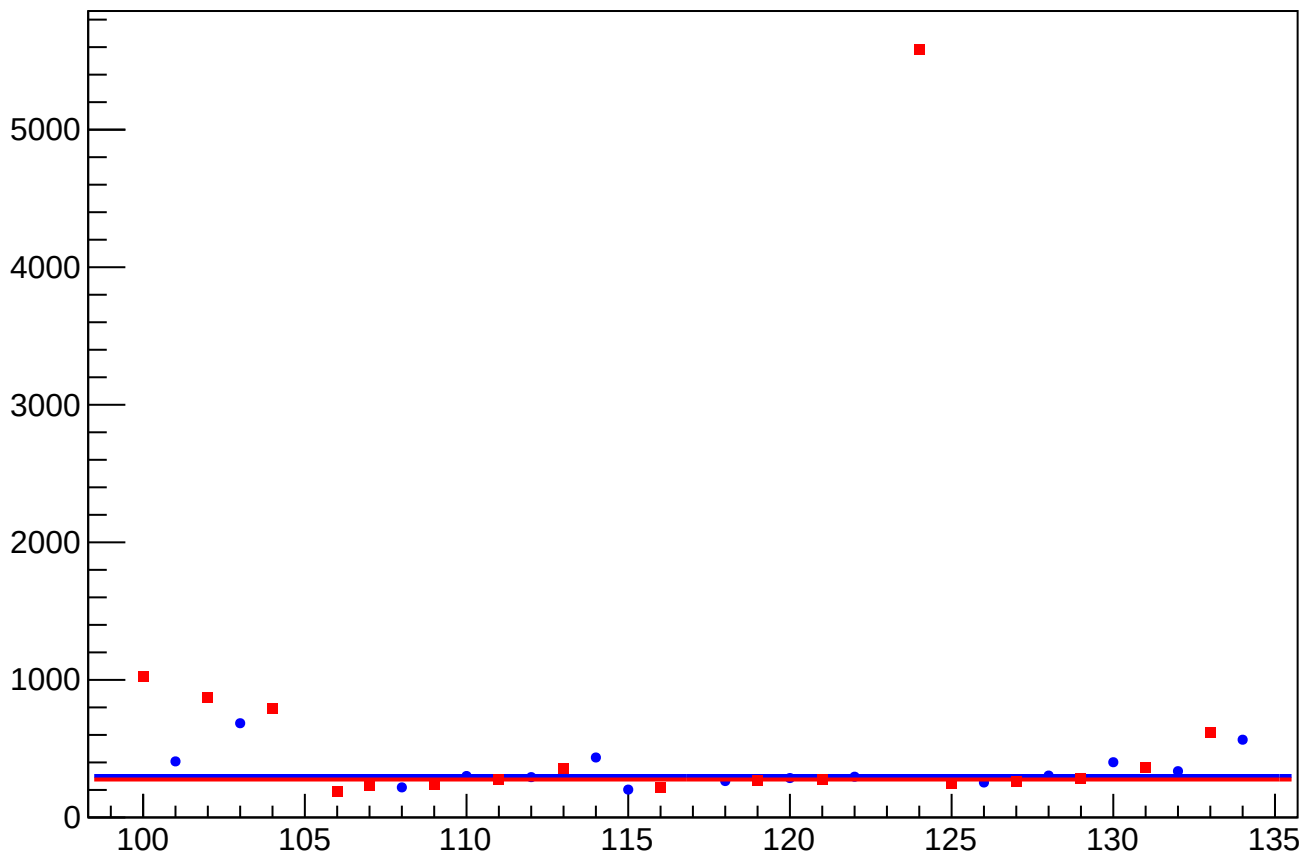
Right: 0.033 ± 0.087 $\chi^2/\text{NDF}: 34.8/31$

In: -0.048 ± 0.127 $\chi^2/\text{NDF}: 10.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.033 ± 0.087 $\chi^2/\text{NDF}: 34.8/31$

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 301.310+/-0.090 χ^2/NDF : 924458.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.825+/-0.085 χ^2/NDF : 1638004.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

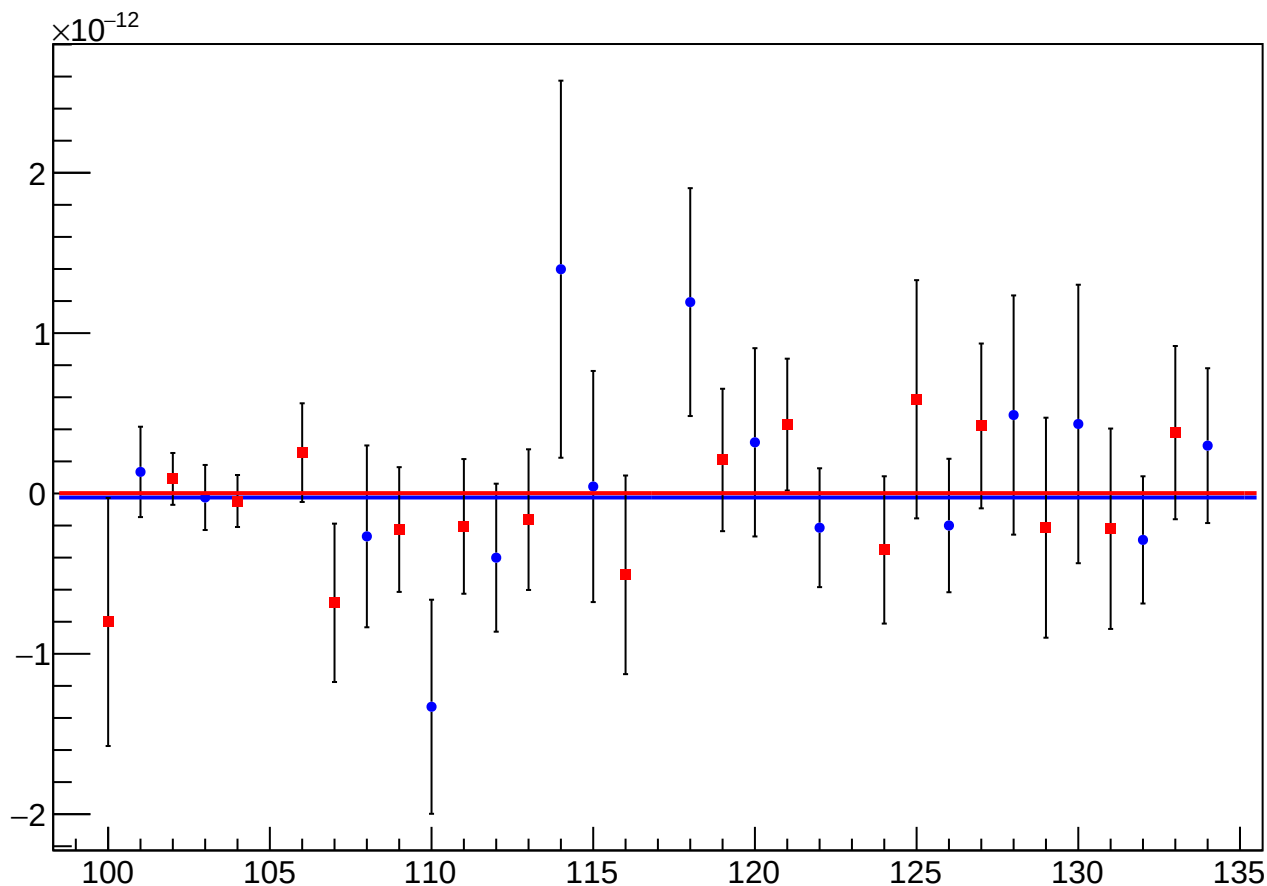
Right: 287.783+/-0.062 χ^2/NDF : 2605033.2/31

In: 301.310+/-0.090 χ^2/NDF : 924458.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.783+/-0.062 χ^2/NDF : 2605033.2/31

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

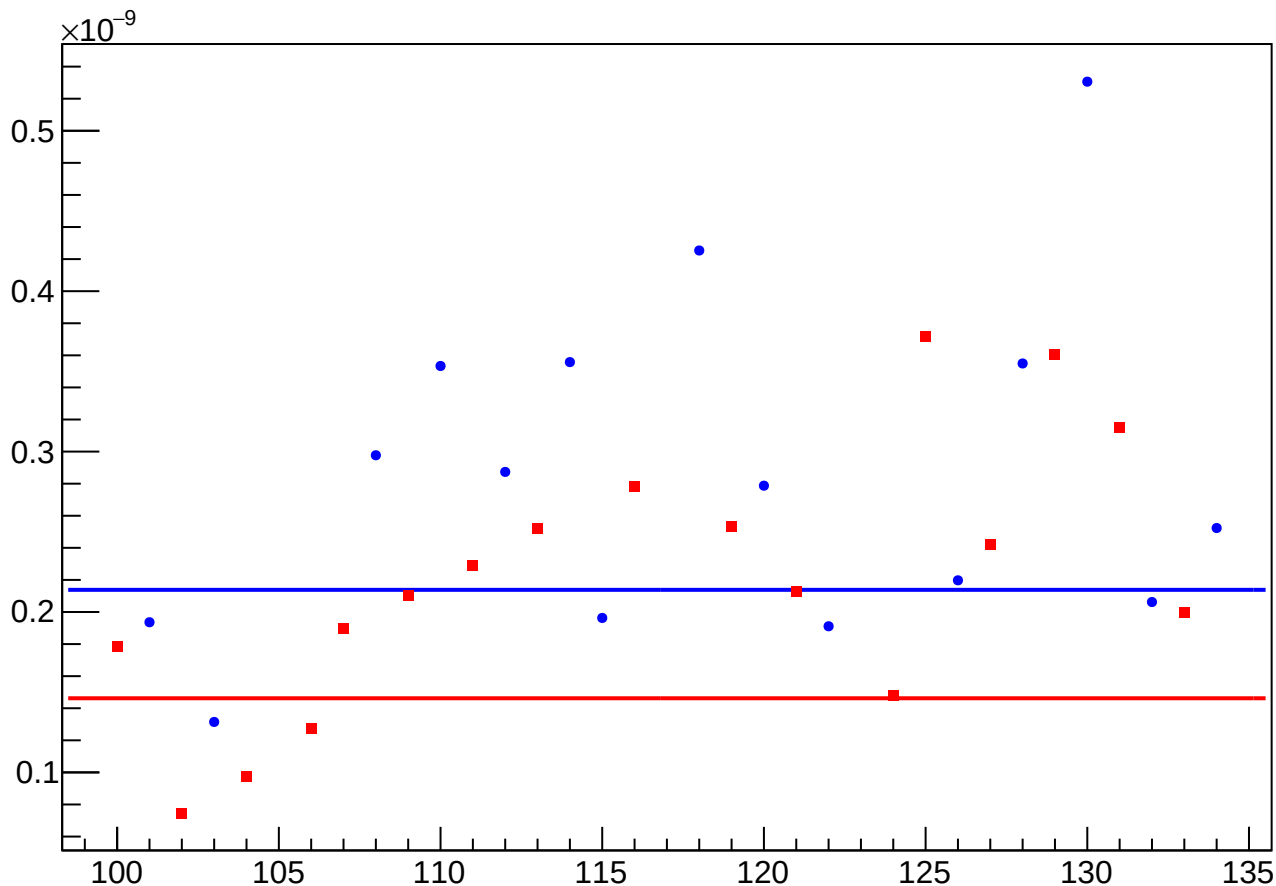
Right: -0.000+/-0.000 χ^2/NDF : 21.2/31

In: -0.000+/-0.000 χ^2/NDF : 11.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.2/31

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1113084.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1726441.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

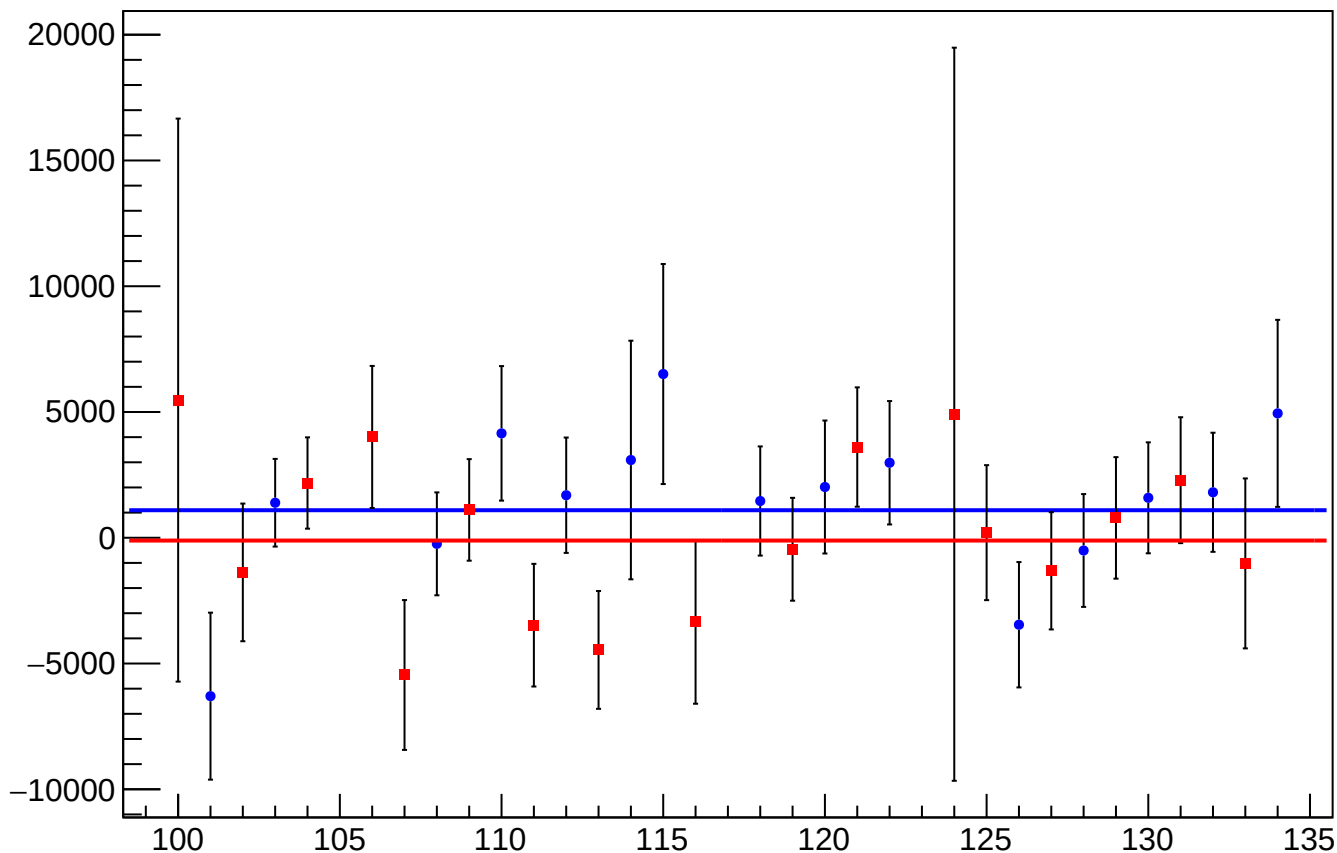
Right: 0.000+/-0.000 χ^2/NDF : 3312081.2/31

In: 0.000+/-0.000 χ^2/NDF : 1113084.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3312081.2/31

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1094.711+/-642.411 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.166+/-627.890 χ^2/NDF : 18.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

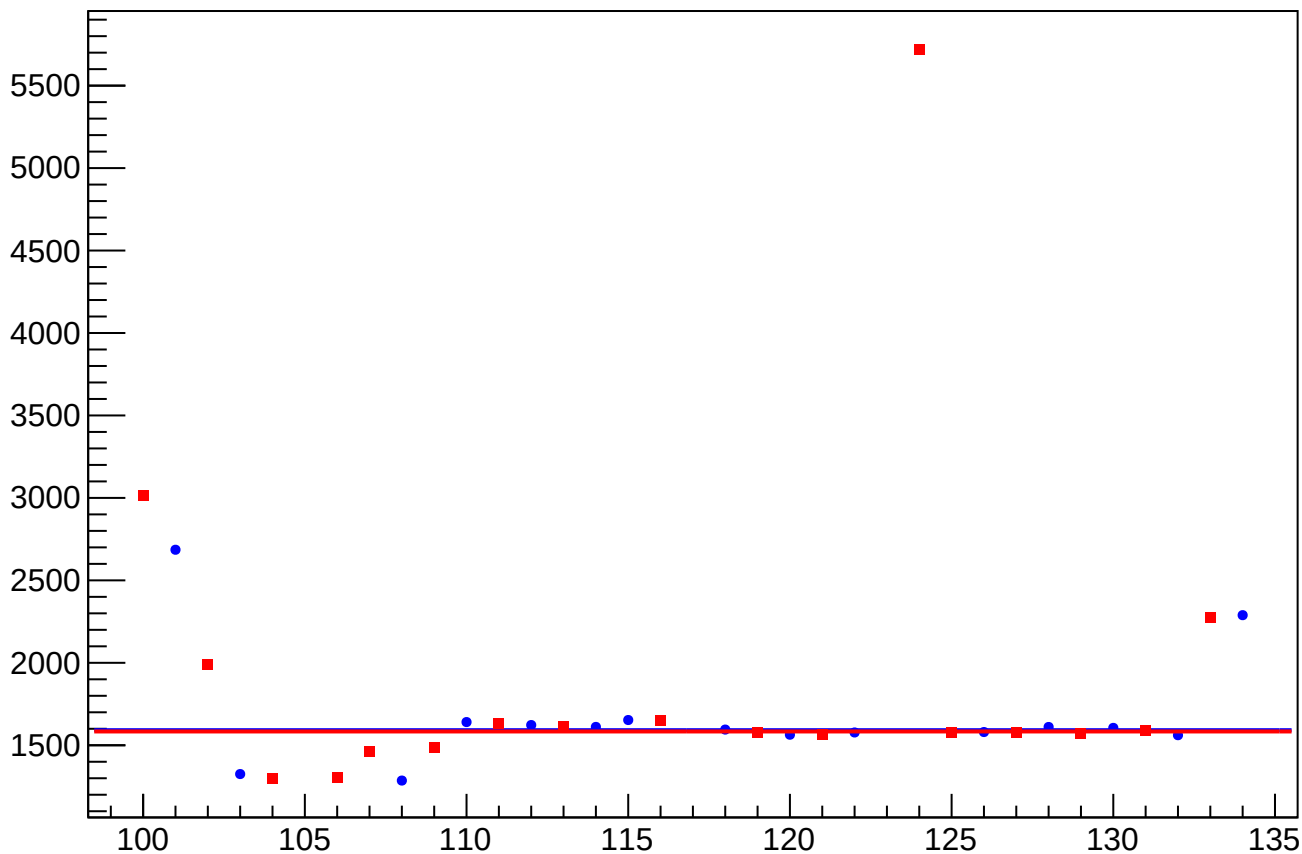
Right: 477.990+/-449.031 χ^2/NDF : 34.2/31

In: 1094.711+/-642.411 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.990+/-449.031 χ^2/NDF : 34.2/31

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1591.551+/-0.454 χ^2/NDF : 381159.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1583.715+/-0.444 χ^2/NDF : 399729.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

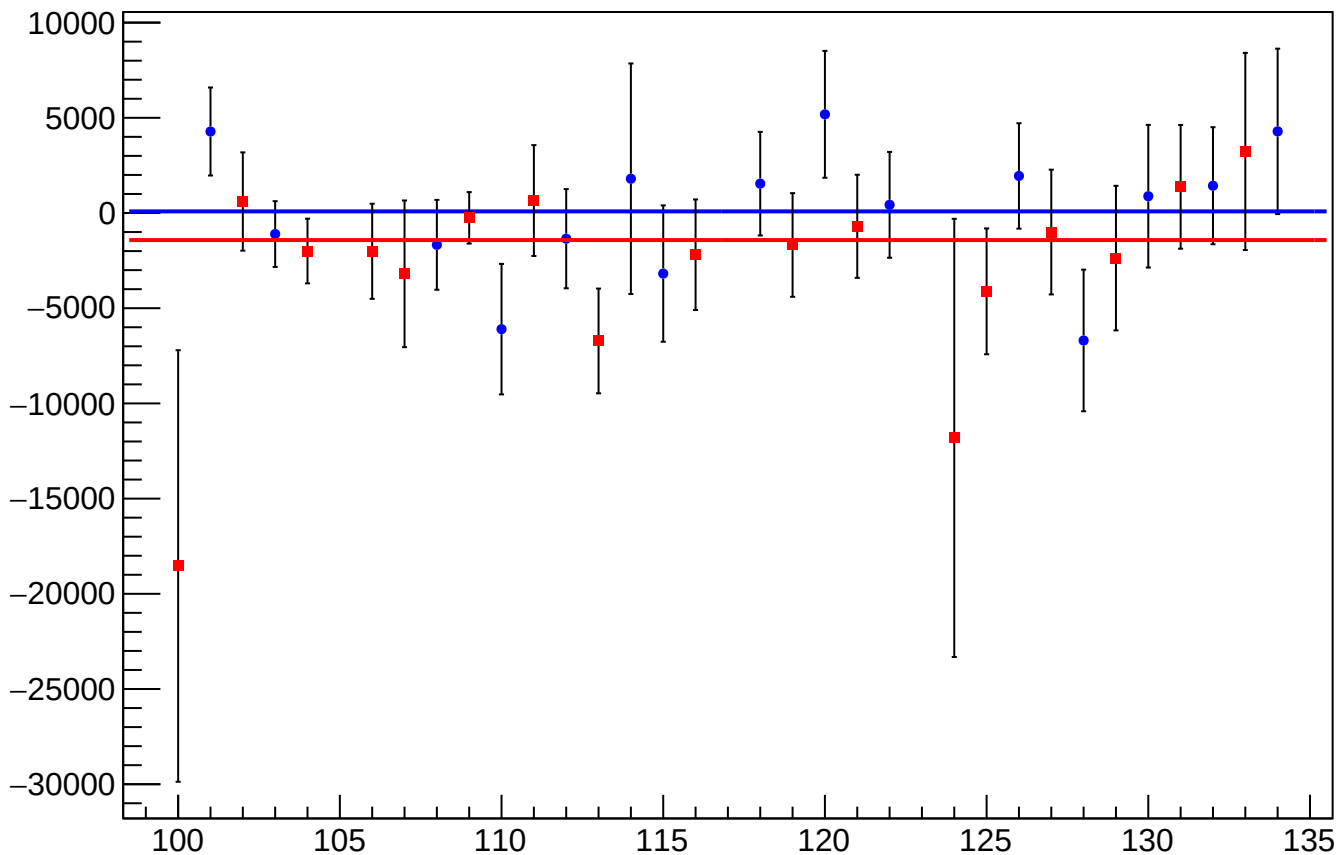
Right: 1587.543+/-0.318 χ^2/NDF : 781040.9/31

In: 1591.551+/-0.454 χ^2/NDF :381159.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1587.543+/-0.318 χ^2/NDF : 781040.9/31

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 85.478+/-739.803 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1421.049+/-657.543 χ^2/NDF : 11.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

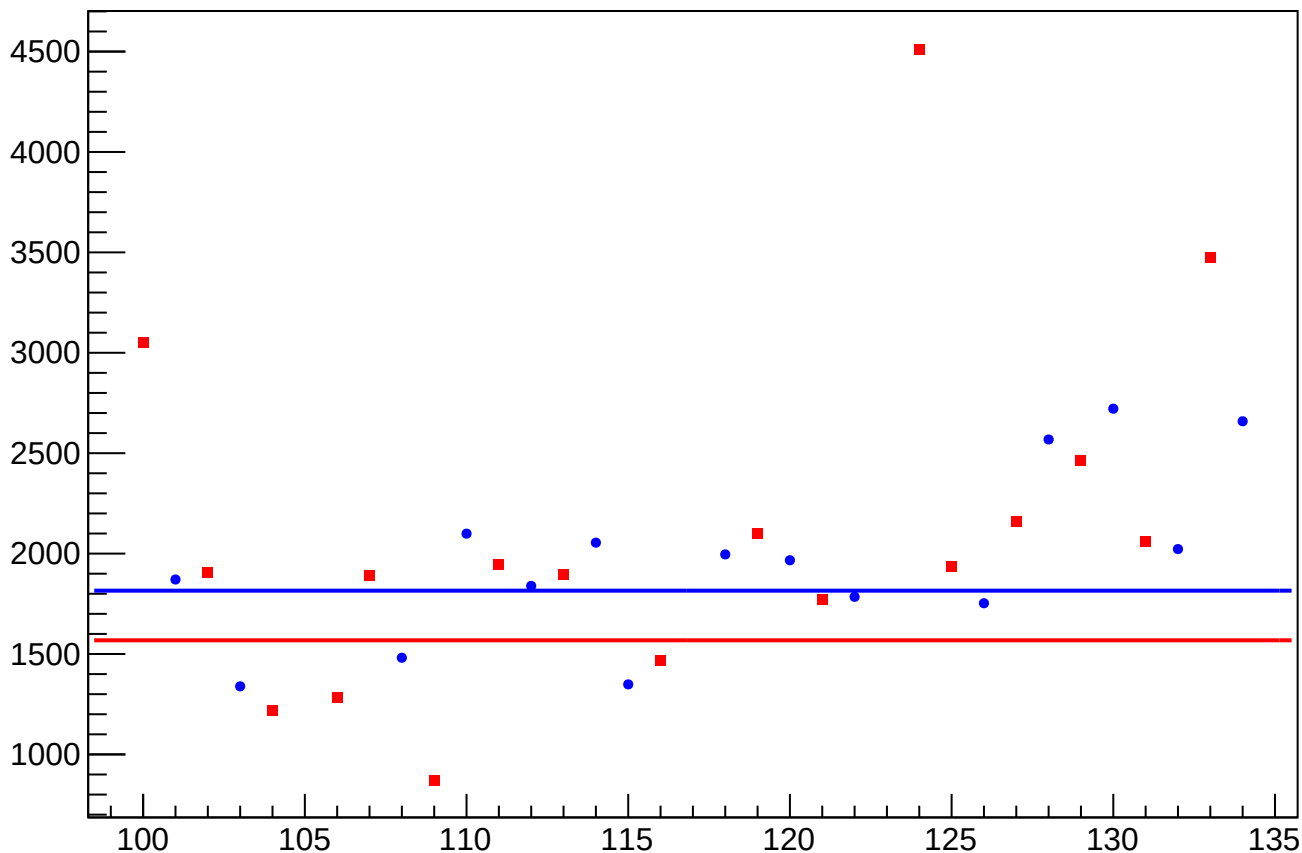
Right: -756.166+/-491.473 χ^2/NDF : 30.2/31

In: 85.478+/-739.803 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -756.166+/-491.473 χ^2/NDF : 30.2/31

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1815.459+/-0.523 χ^2/NDF : 542026.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.221+/-0.465 χ^2/NDF : 1526828.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

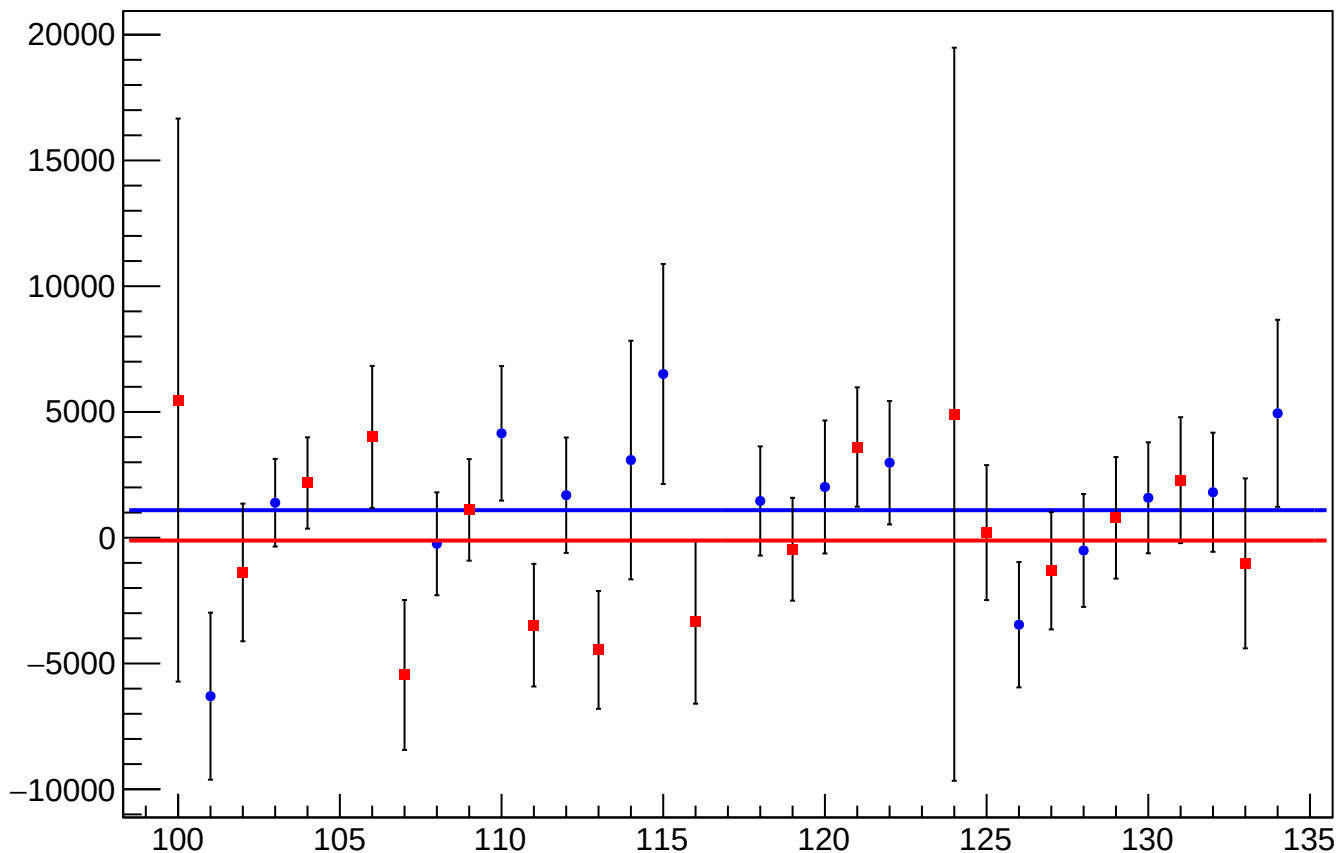
Right: 1677.336+/-0.348 χ^2/NDF : 2193645.7/31

In: 1815.459+/-0.523 χ^2/NDF : 542026.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1677.336+/-0.348 χ^2/NDF : 2193645.7/31

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1094.566+/-642.411 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.397+/-627.890 χ^2/NDF : 18.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

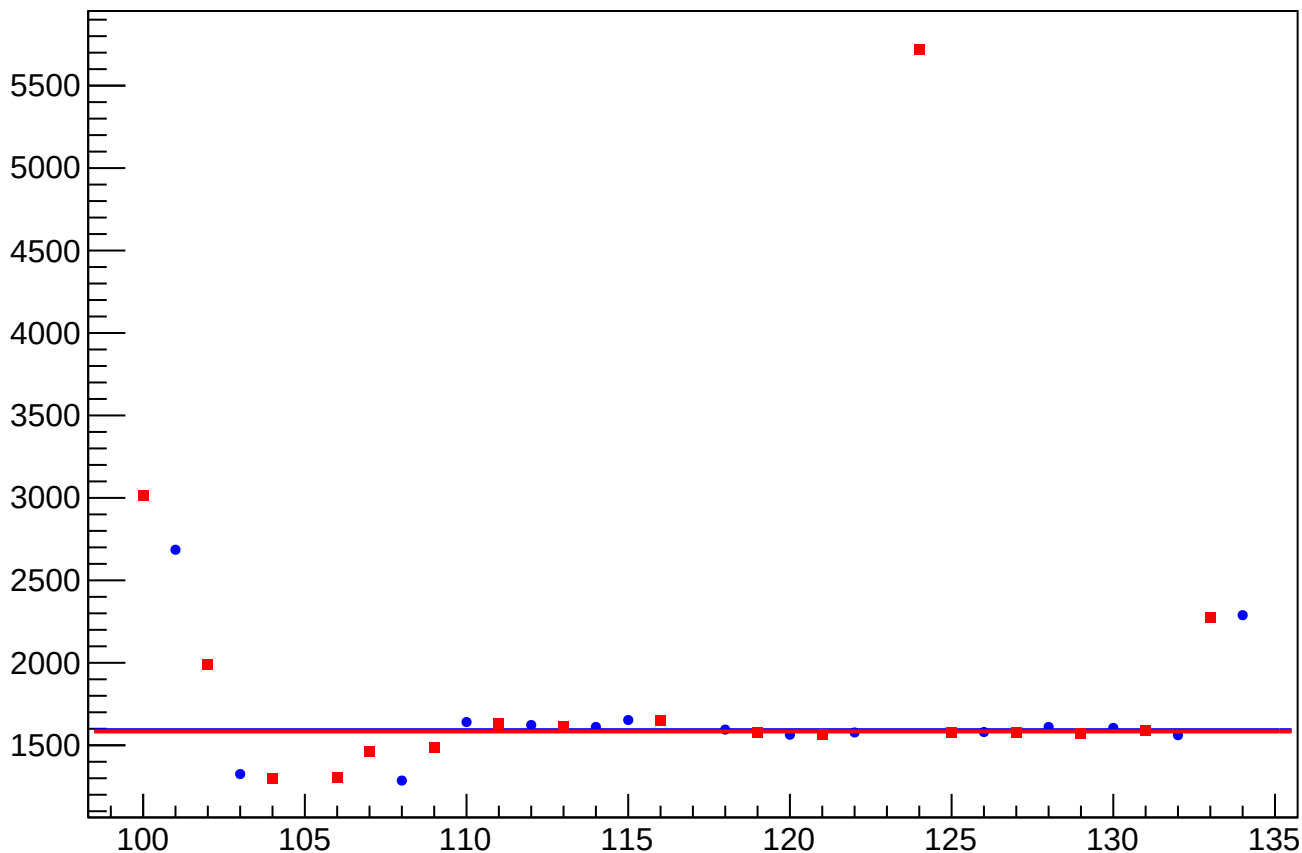
Right: 477.800+/-449.031 χ^2/NDF : 34.2/31

In: 1094.566+/-642.411 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.800+/-449.031 χ^2/NDF : 34.2/31

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1591.550+/-0.454 χ^2/NDF : 381159.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1583.715+/-0.444 χ^2/NDF : 399729.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

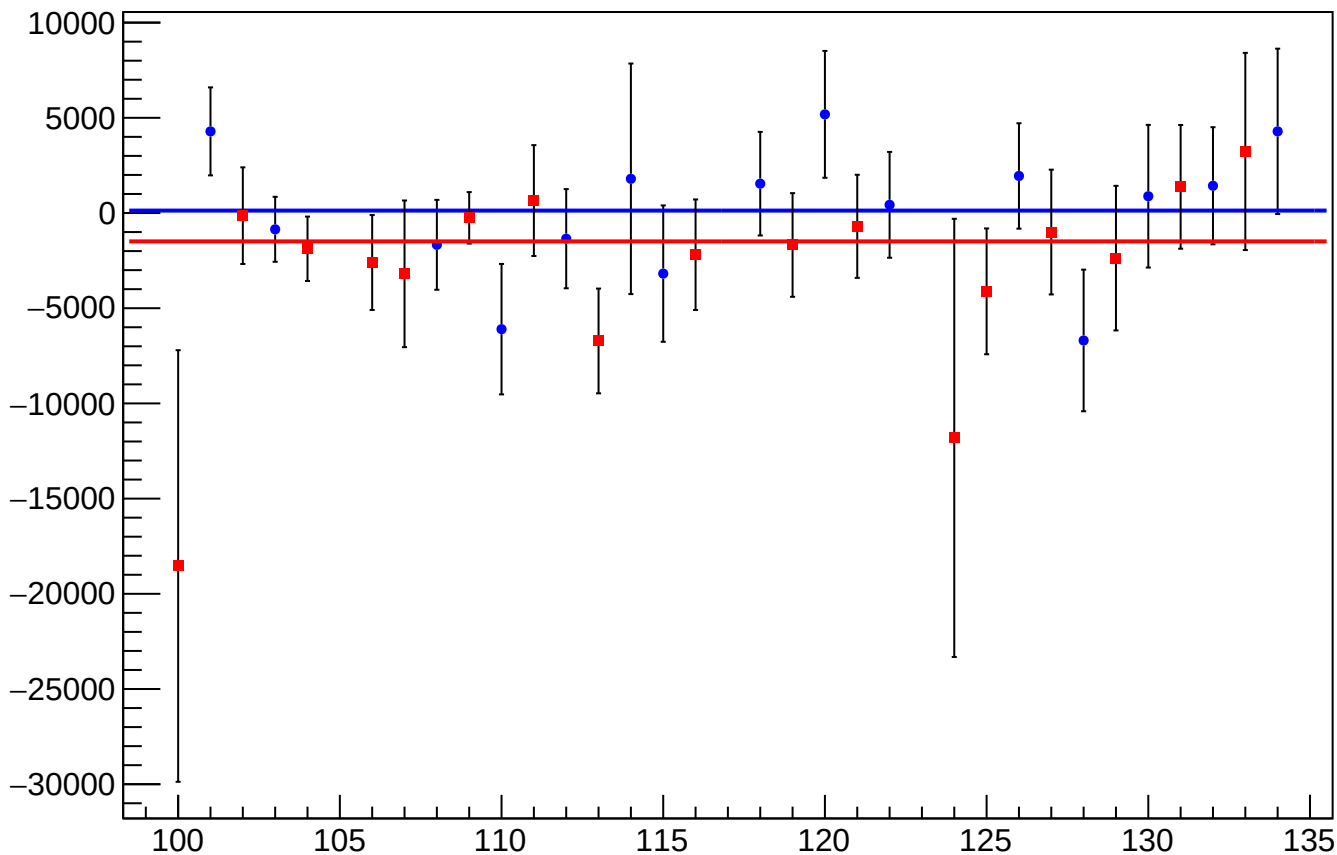
Right: 1587.543+/-0.318 χ^2/NDF : 781041.0/31

In: 1591.550+/-0.454 χ^2/NDF : 381159.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.543+/-0.318 χ^2/NDF : 781041.0/31

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 127.678+/-738.086 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1490.551+/-656.278 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

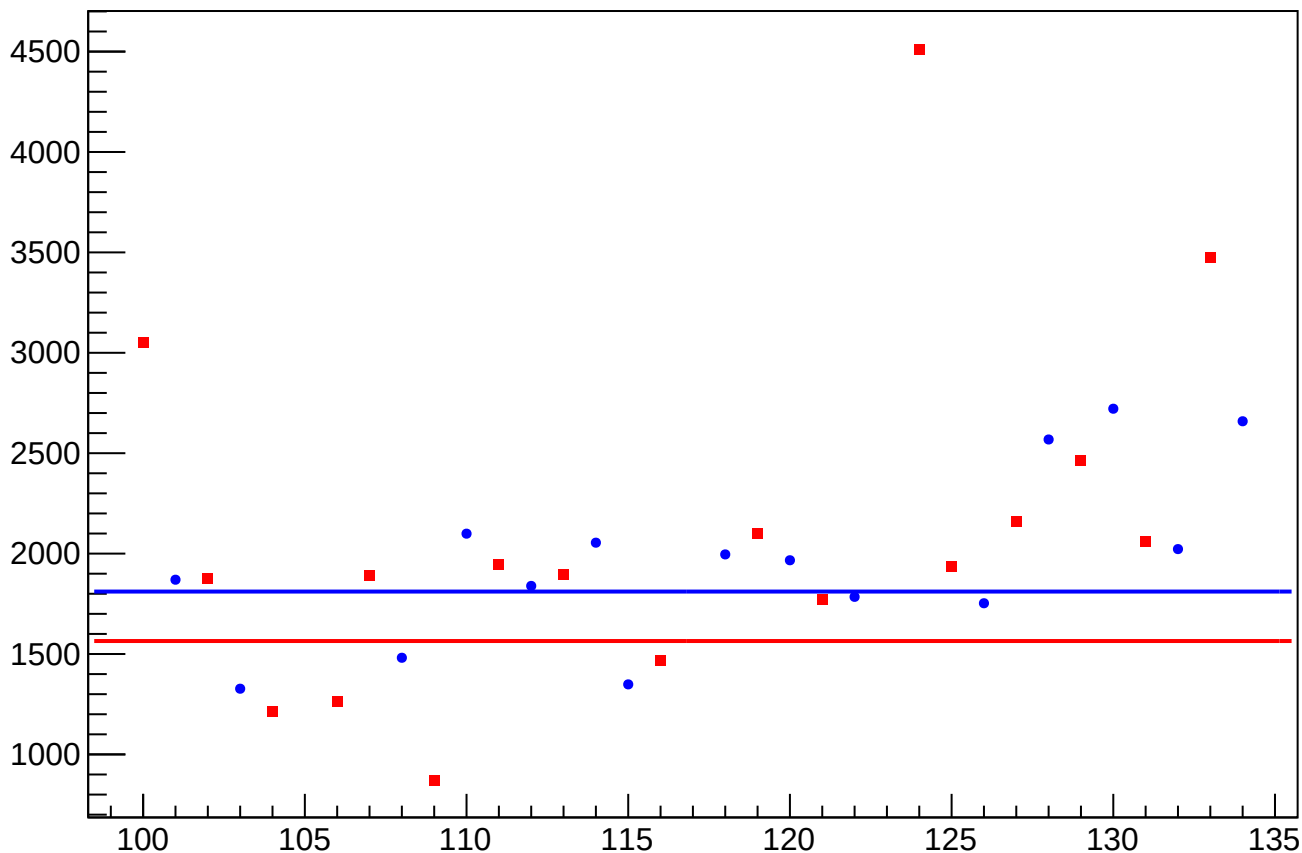
Right: -776.052+/-490.442 χ^2/NDF : 30.2/31

In: 127.678+/-738.086 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -776.052+/-490.442 χ^2/NDF : 30.2/31

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1811.001+/-0.522 χ^2/NDF : 553503.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.663+/-0.464 χ^2/NDF : 1528108.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

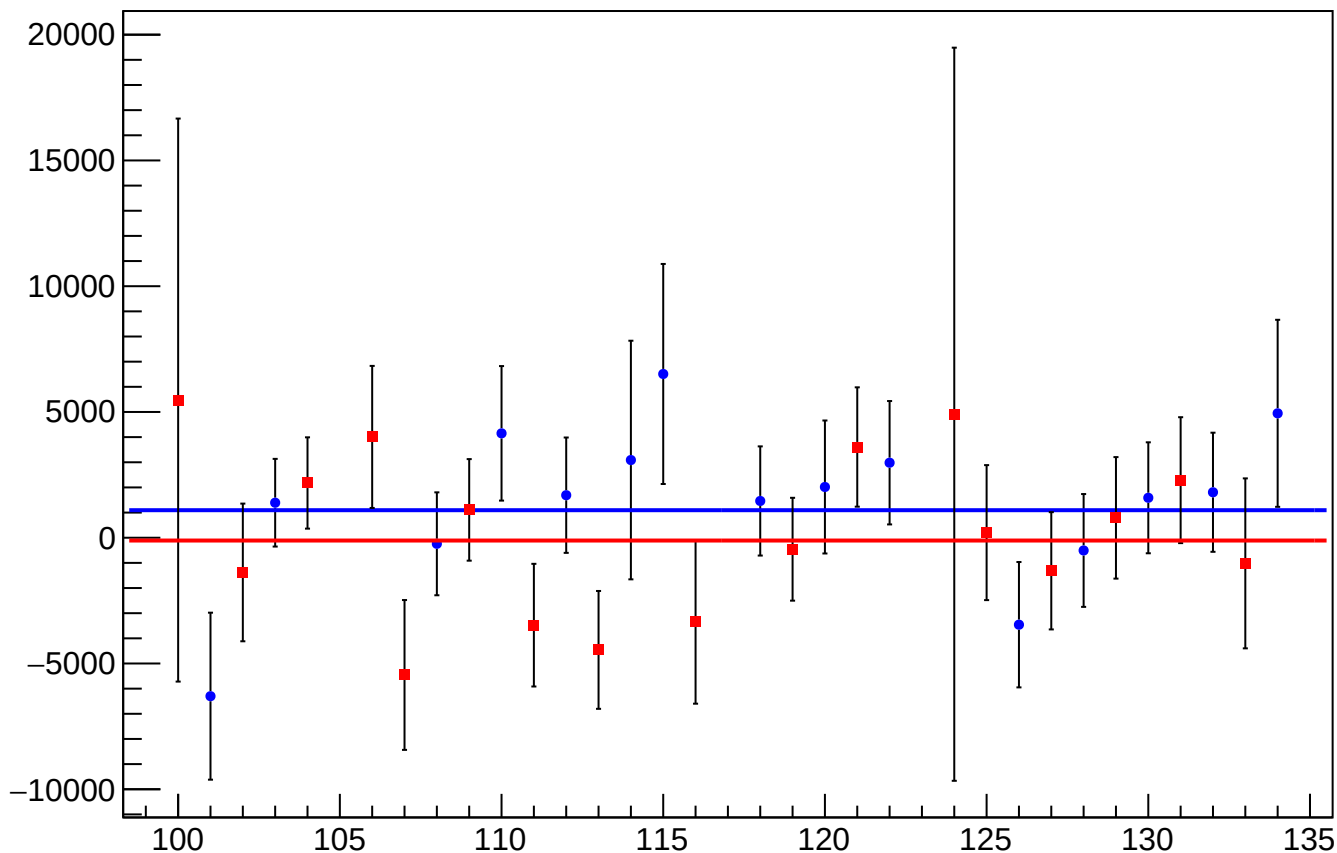
Right: 1673.429+/-0.347 χ^2/NDF : 2206028.5/31

In: 1811.001+/-0.522 χ^2/NDF : 553503.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.429+/-0.347 χ^2/NDF : 2206028.5/31

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1094.566 $\pm$ 642.411 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -111.397 $\pm$ 627.890 χ^2 /NDF: 18.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

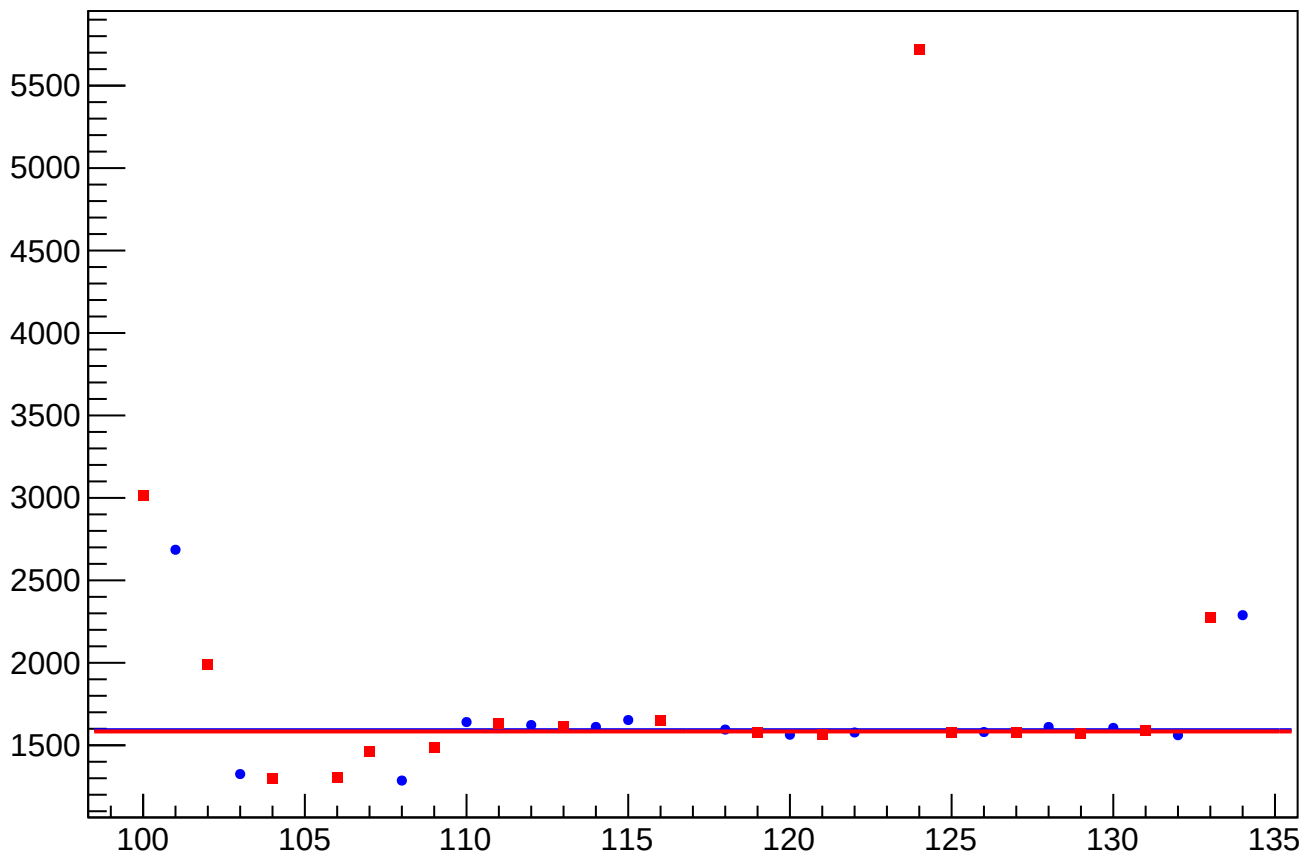
Right: 477.800 $\pm$ 449.031 χ^2 /NDF: 34.2/31

In: 1094.566 $\pm$ 642.411 χ^2 /NDF:14.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 477.800 $\pm$ 449.031 χ^2 /NDF: 34.2/31

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1591.550+/-0.454 χ^2/NDF : 381159.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1583.715+/-0.444 χ^2/NDF : 399729.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

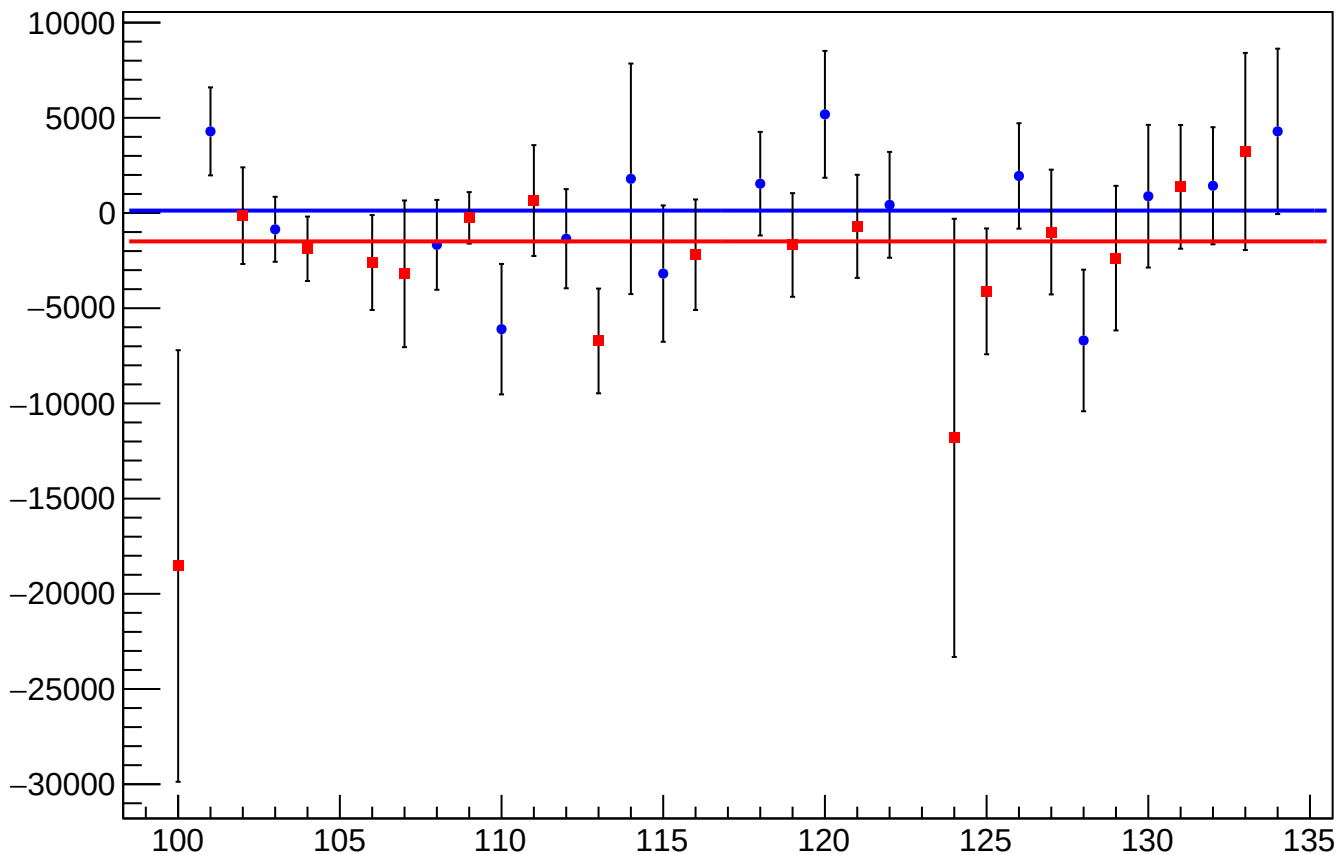
Right: 1587.543+/-0.318 χ^2/NDF : 781041.0/31

In: 1591.550+/-0.454 χ^2/NDF : 381159.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.543+/-0.318 χ^2/NDF : 781041.0/31

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 127.678+/-738.086 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1490.551+/-656.278 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

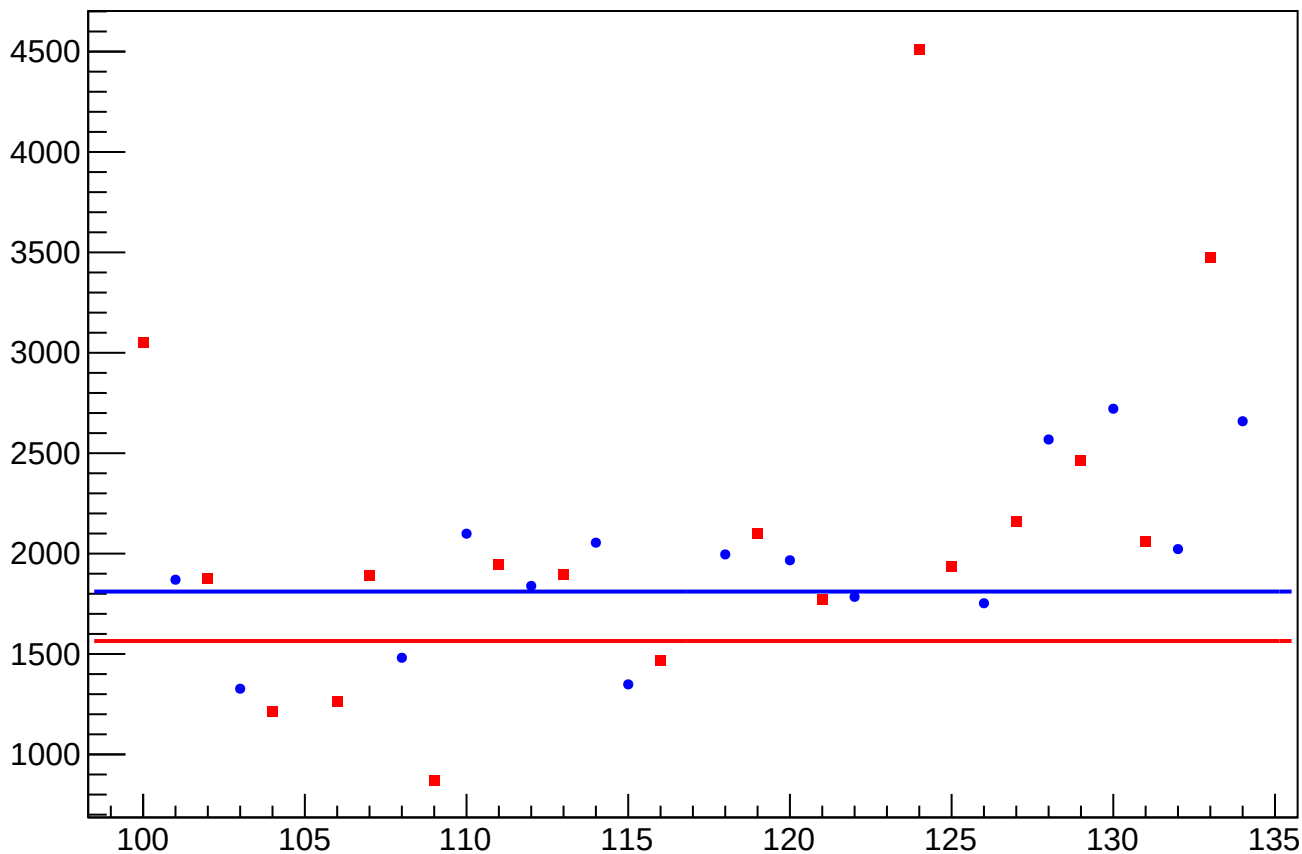
Right: -776.052+/-490.442 χ^2/NDF : 30.2/31

In: 127.678+/-738.086 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -776.052+/-490.442 χ^2/NDF : 30.2/31

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1811.001+/-0.522 χ^2/NDF : 553503.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.663+/-0.464 χ^2/NDF : 1528108.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

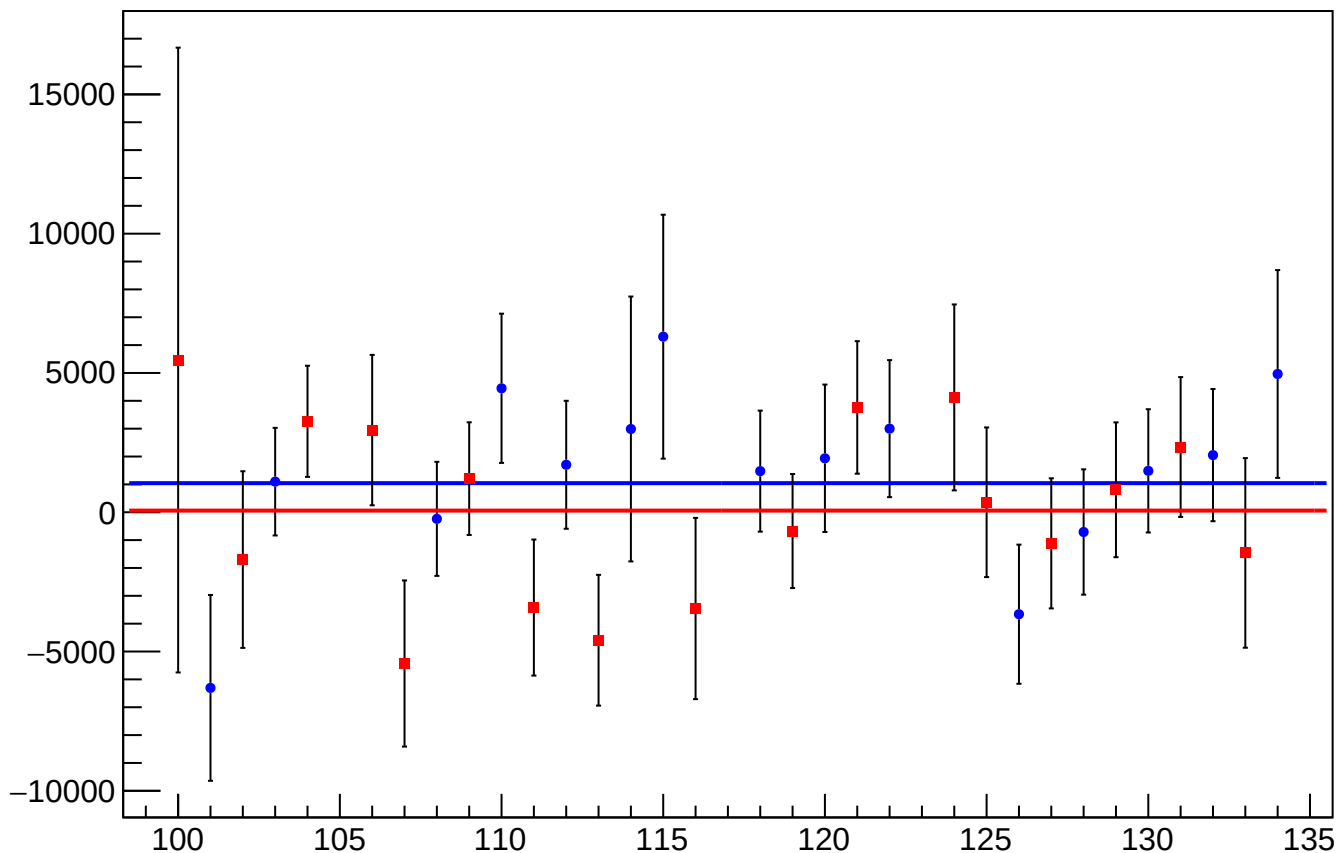
Right: 1673.429+/-0.347 χ^2/NDF : 2206028.5/31

In: 1811.001+/-0.522 χ^2/NDF : 553503.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.429+/-0.347 χ^2/NDF : 2206028.5/31

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1044.327+/-651.851 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.480+/-627.538 χ^2/NDF : 20.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

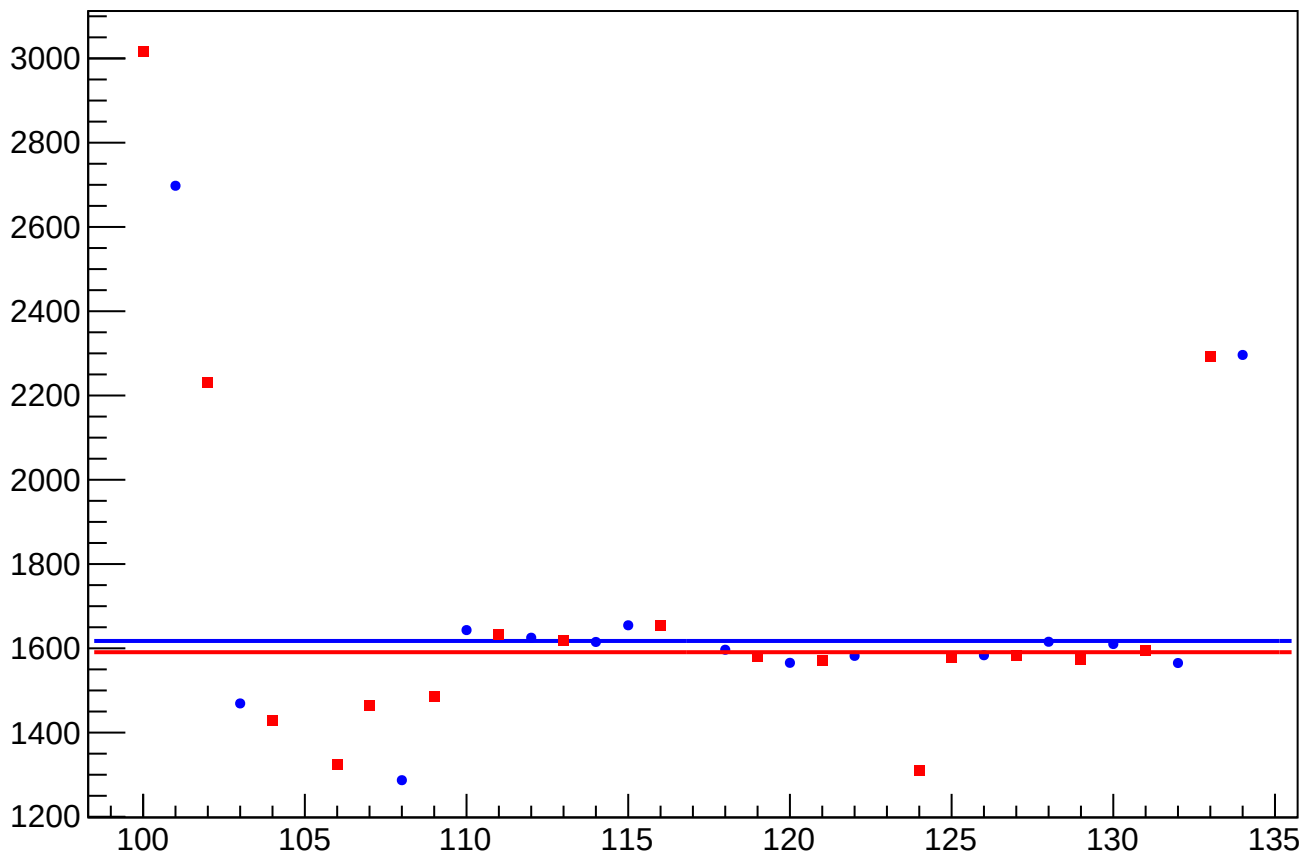
Right: 533.195+/-452.087 χ^2/NDF : 36.5/31

In: 1044.327+/-651.851 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.195+/-452.087 χ^2/NDF : 36.5/31

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1617.465+/-0.461 χ^2/NDF : 343006.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1590.806+/-0.444 χ^2/NDF : 255999.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

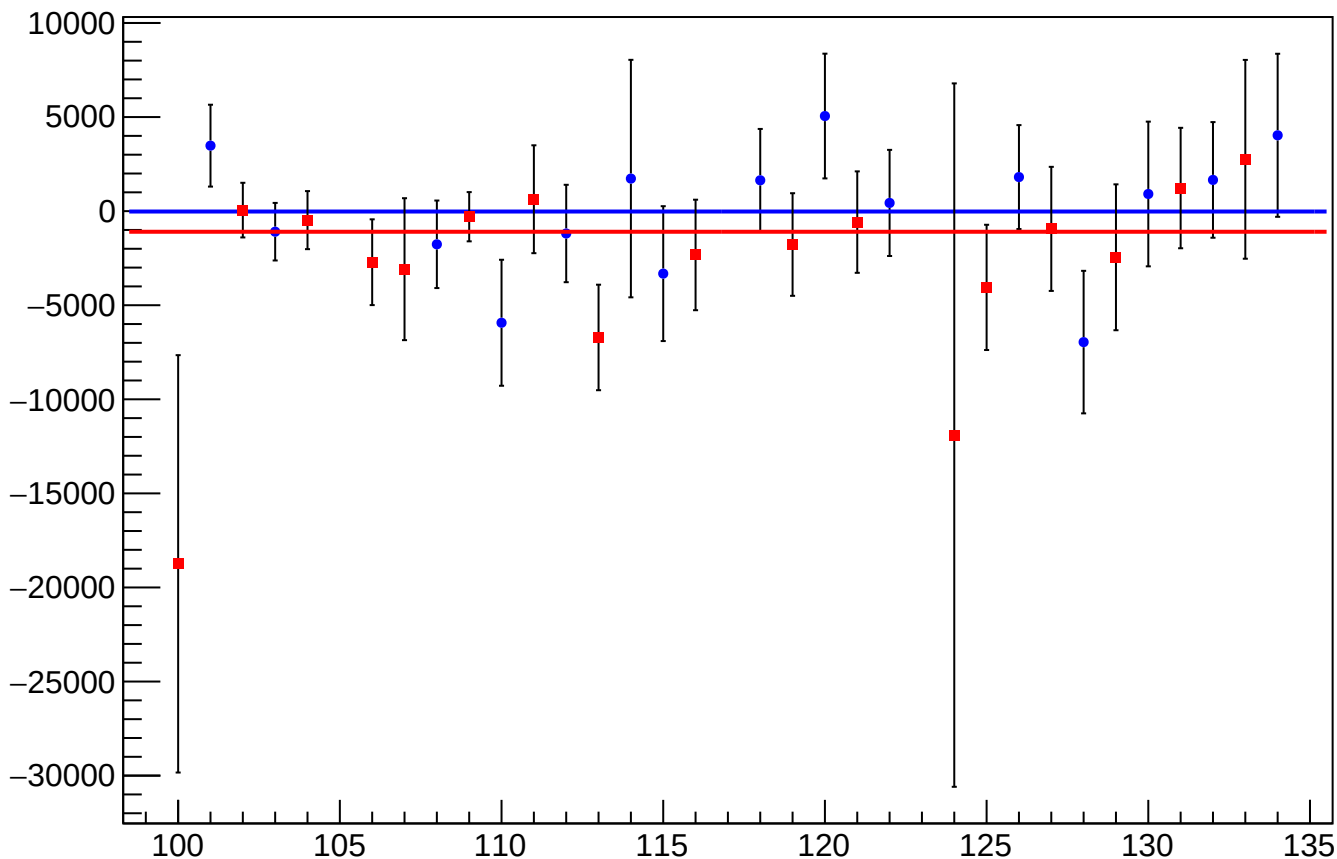
Right: 1603.629+/-0.320 χ^2/NDF : 600742.2/31

In: 1617.465+/-0.461 χ^2/NDF :343006.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1603.629+/-0.320 χ^2/NDF : 600742.2/31

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -20.173+/-717.299 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1095.516+/-600.672 χ^2/NDF : 11.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

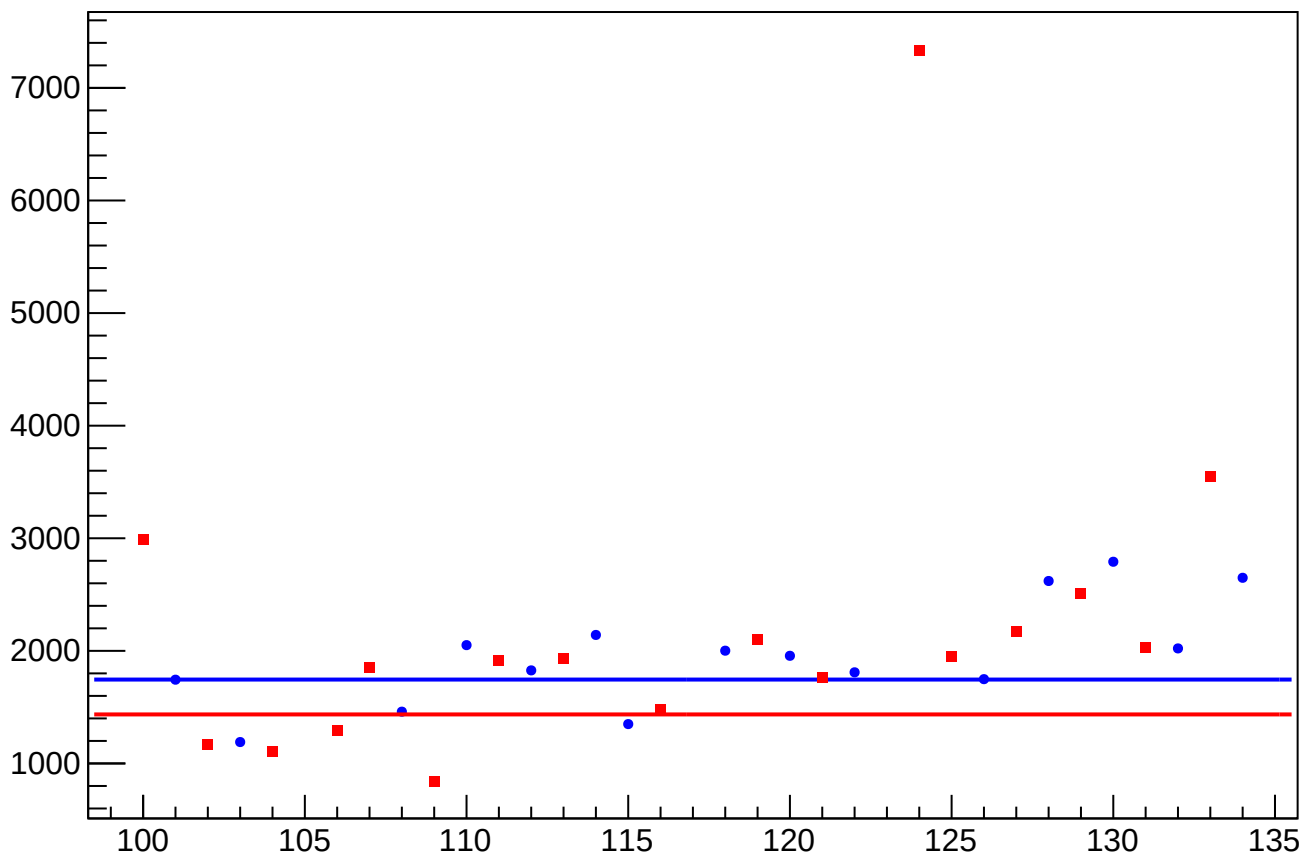
Right: -652.262+/-460.525 χ^2/NDF : 28.4/31

In: -20.173+/-717.299 χ^2/NDF :15.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -652.262+/-460.525 χ^2/NDF : 28.4/31

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1745.108+/-0.507 χ^2/NDF : 729163.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1435.438+/-0.425 χ^2/NDF : 1802583.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

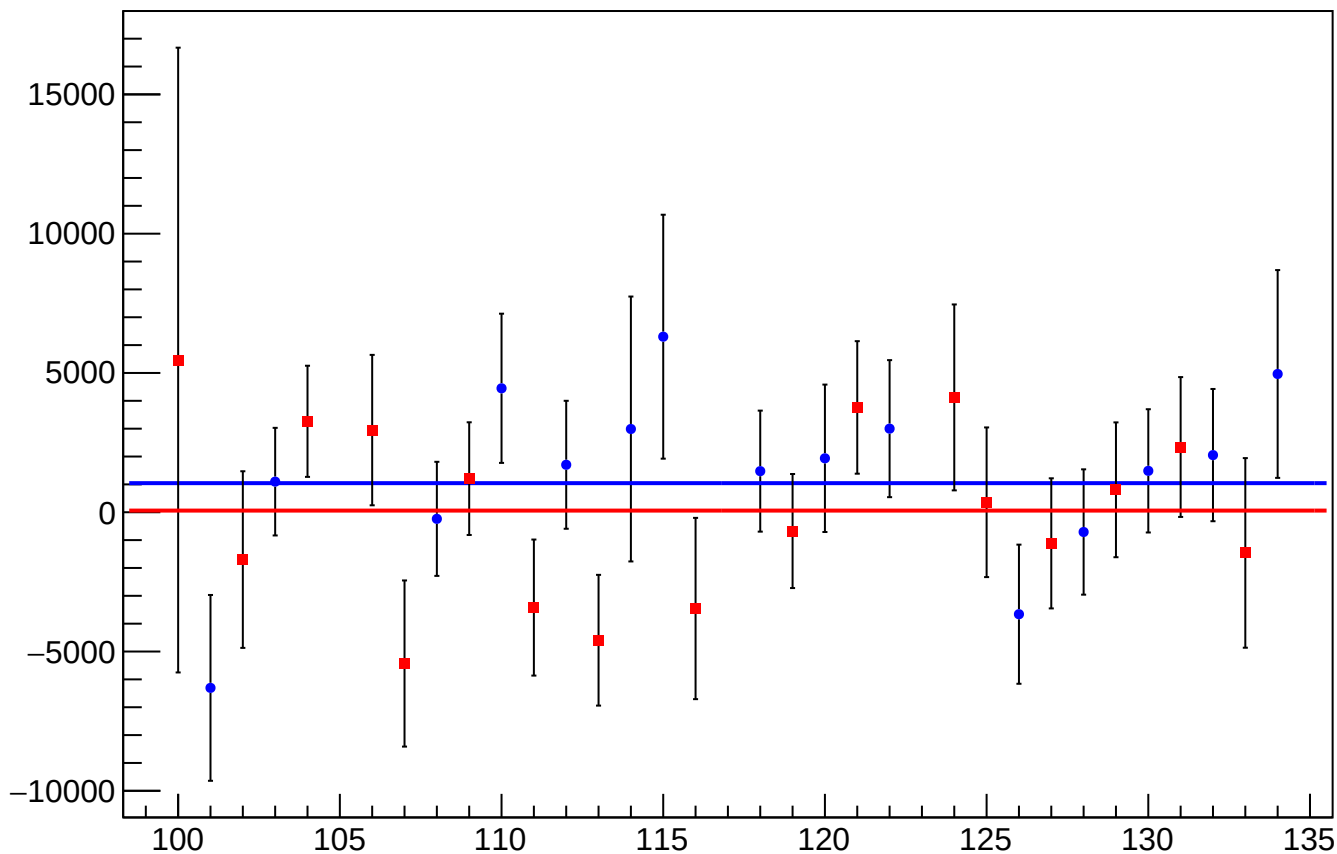
Right: 1563.083+/-0.326 χ^2/NDF : 2750854.9/31

In: 1745.108+/-0.507 χ^2/NDF : 729163.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.083+/-0.326 χ^2/NDF : 2750854.9/31

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1044.321+/-651.850 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.484+/-627.538 χ^2/NDF : 20.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

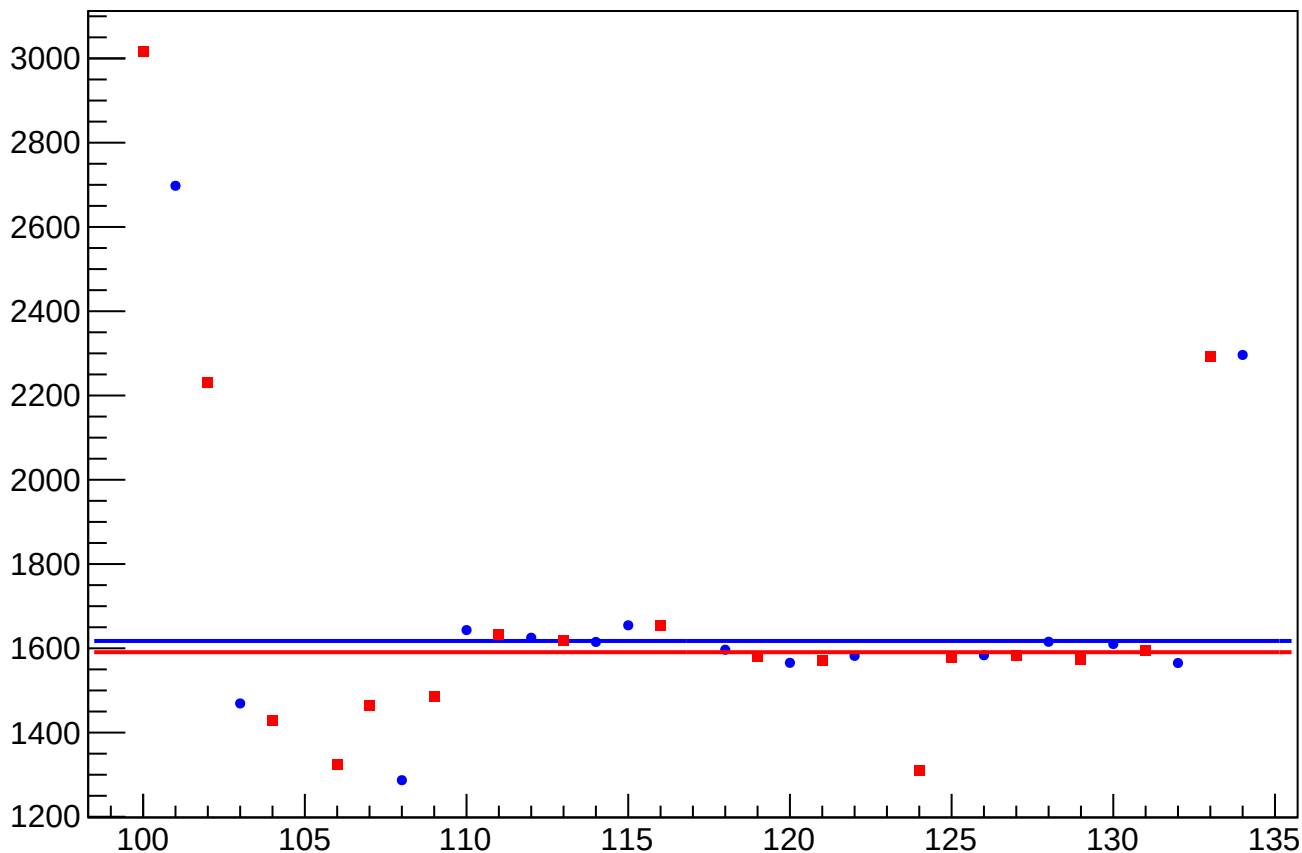
Right: 533.194+/-452.087 χ^2/NDF : 36.5/31

In: 1044.321+/-651.850 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.194+/-452.087 χ^2/NDF : 36.5/31

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1617.465+/-0.461 χ^2/NDF : 343006.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.806+/-0.444 χ^2/NDF : 256000.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

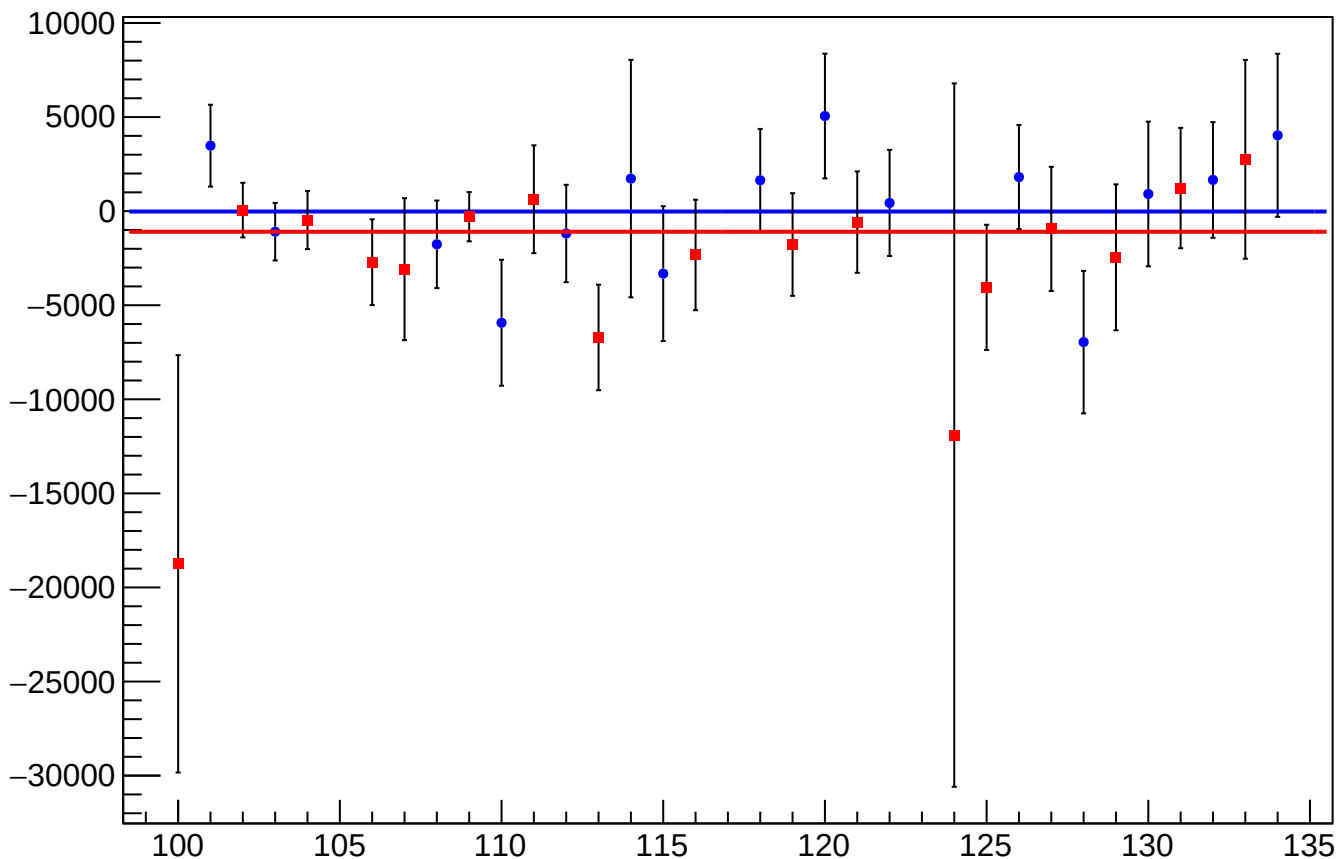
Right: 1603.629+/-0.320 χ^2/NDF : 600742.2/31

In: 1617.465+/-0.461 χ^2/NDF : 343006.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.629+/-0.320 χ^2/NDF : 600742.2/31

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -20.173 ± 717.297 $\chi^2/\text{NDF}: 15.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1095.518 ± 600.673 $\chi^2/\text{NDF}: 11.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

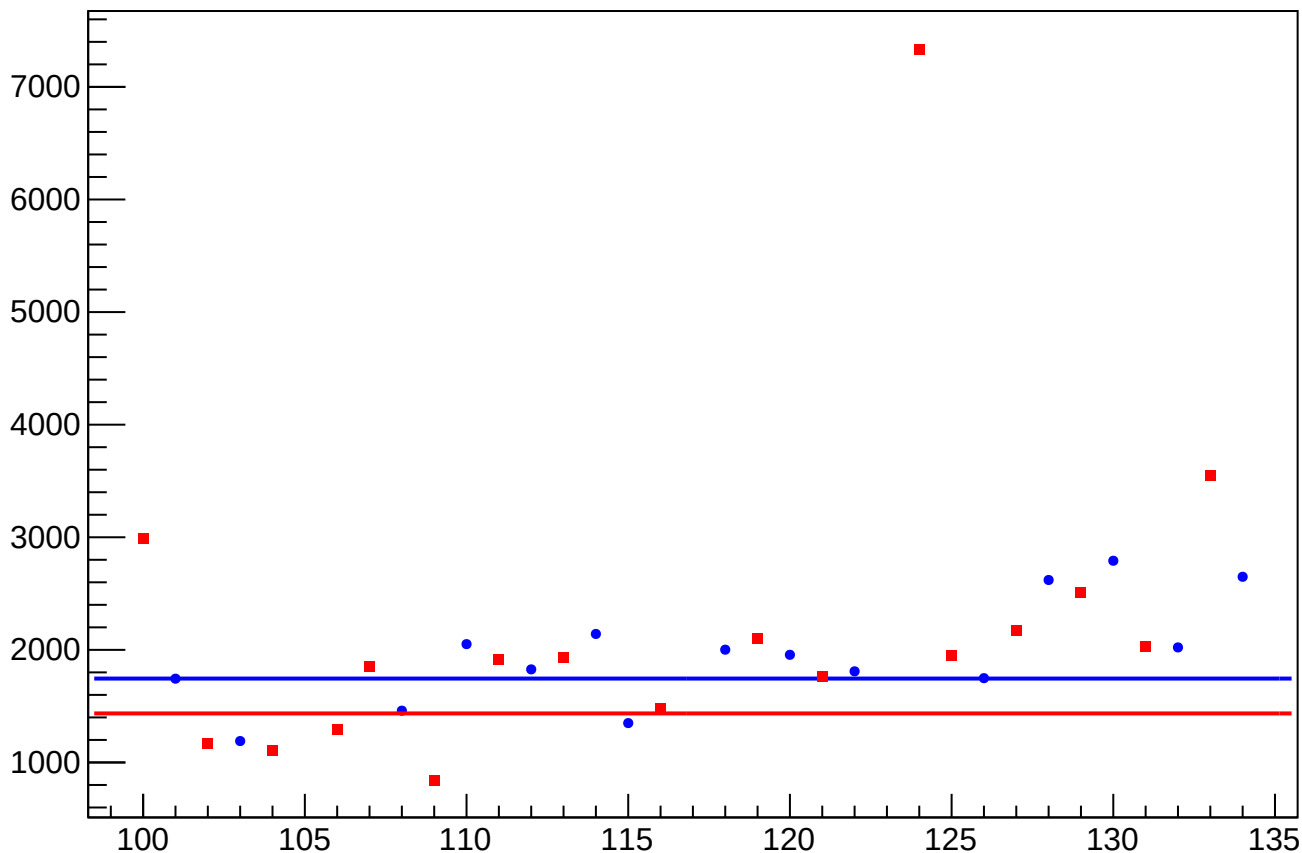
Right: -652.261 ± 460.525 $\chi^2/\text{NDF}: 28.4/31$

In: -20.173 ± 717.297 $\chi^2/\text{NDF}: 15.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -652.261 ± 460.525 $\chi^2/\text{NDF}: 28.4/31$

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1745.104+/-0.507 χ^2/NDF : 729155.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1435.443+/-0.425 χ^2/NDF : 1802549.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

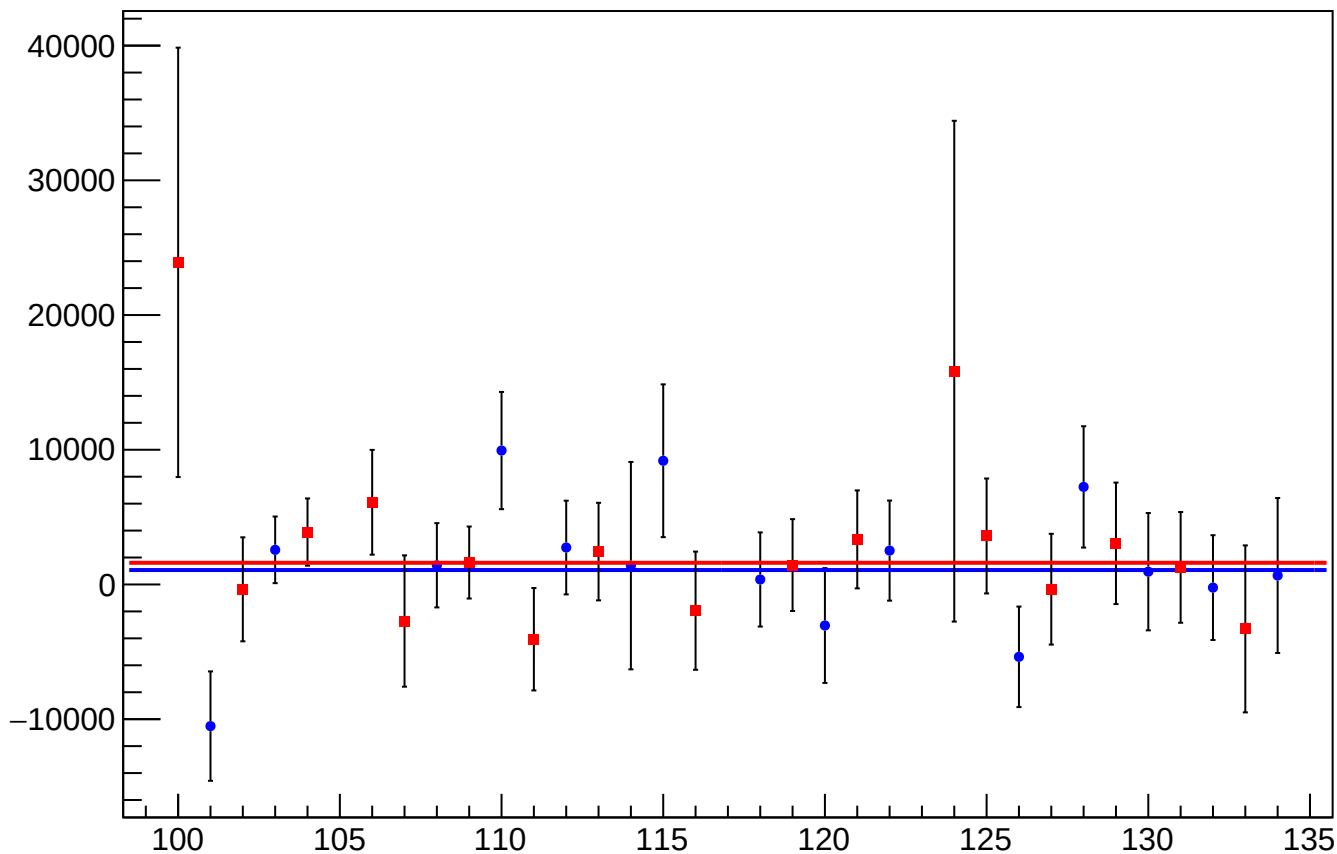
Right: 1563.086+/-0.326 χ^2/NDF : 2750800.9/31

In: 1745.104+/-0.507 χ^2/NDF : 729155.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.086+/-0.326 χ^2/NDF : 2750800.9/31

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1070.586+/-1005.324 χ^2/NDF : 21.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1609.551+/-957.670 χ^2/NDF : 10.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

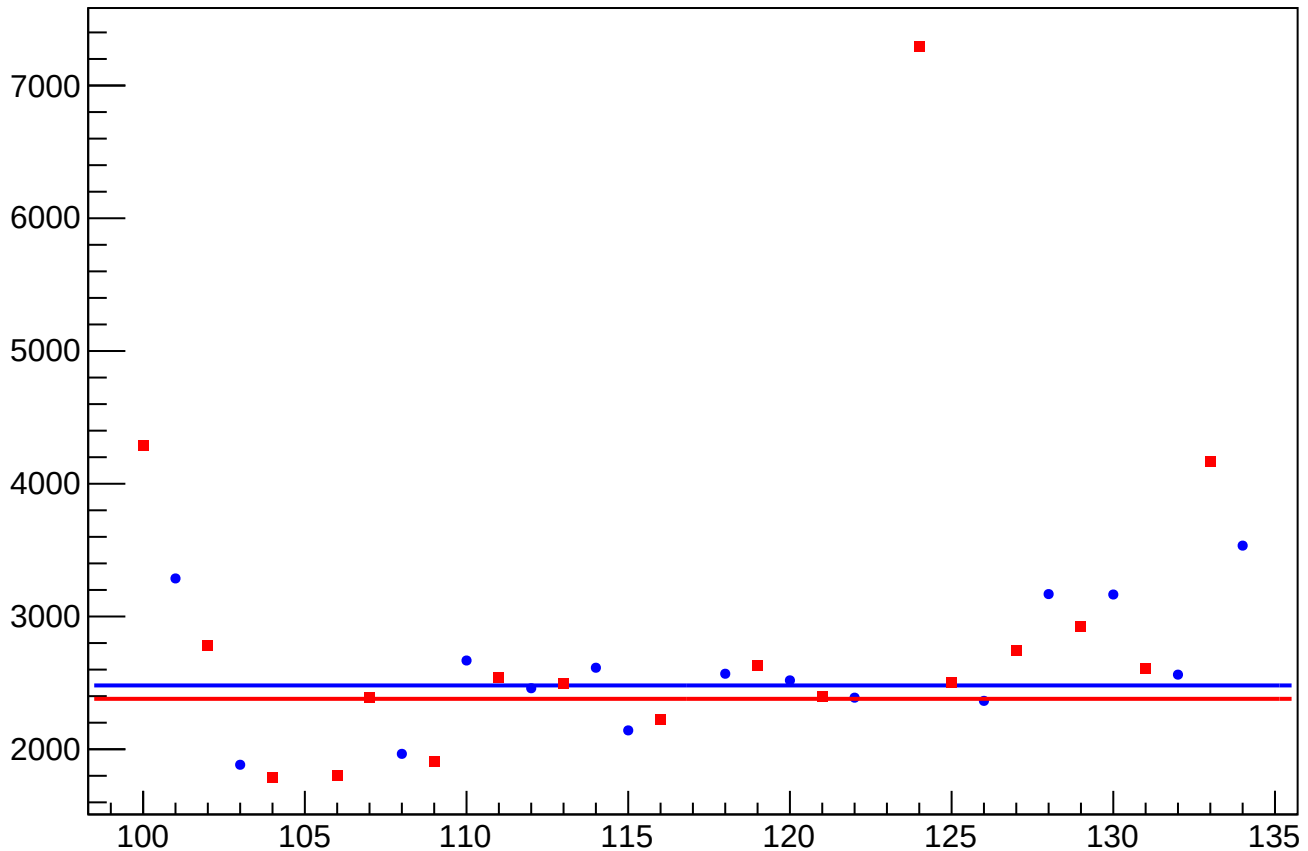
Right: 1353.145+/-693.410 χ^2/NDF : 31.3/31

In: 1070.586+/-1005.324 χ^2/NDF : 21.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.145+/-693.410 χ^2/NDF : 31.3/31

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2480.673+/-0.711 χ^2/NDF : 430203.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2379.757+/-0.677 χ^2/NDF : 648370.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

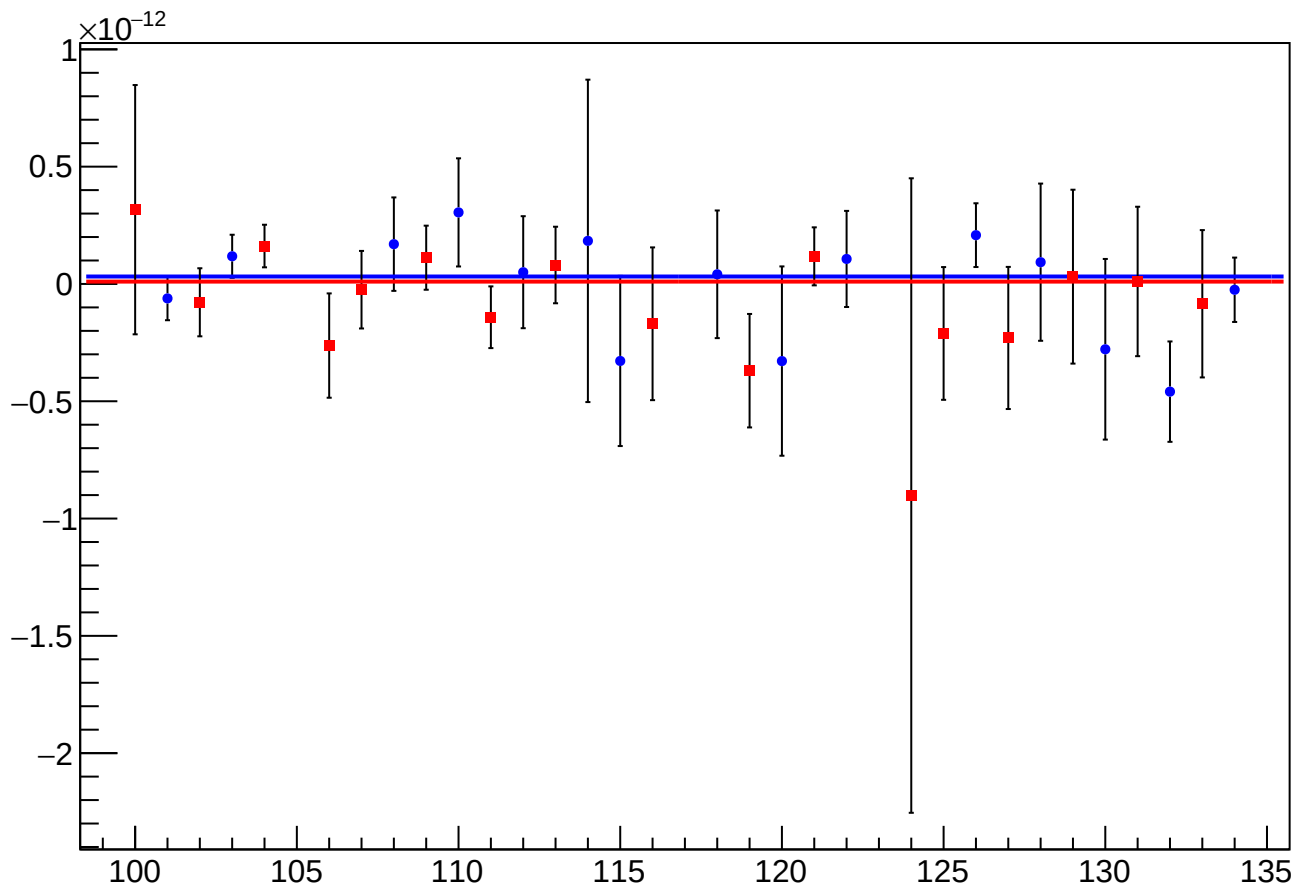
Right: 2427.766+/-0.490 χ^2/NDF : 1089139.2/31

In: 2480.673+/-0.711 χ^2/NDF : 430203.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.766+/-0.490 χ^2/NDF : 1089139.2/31

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

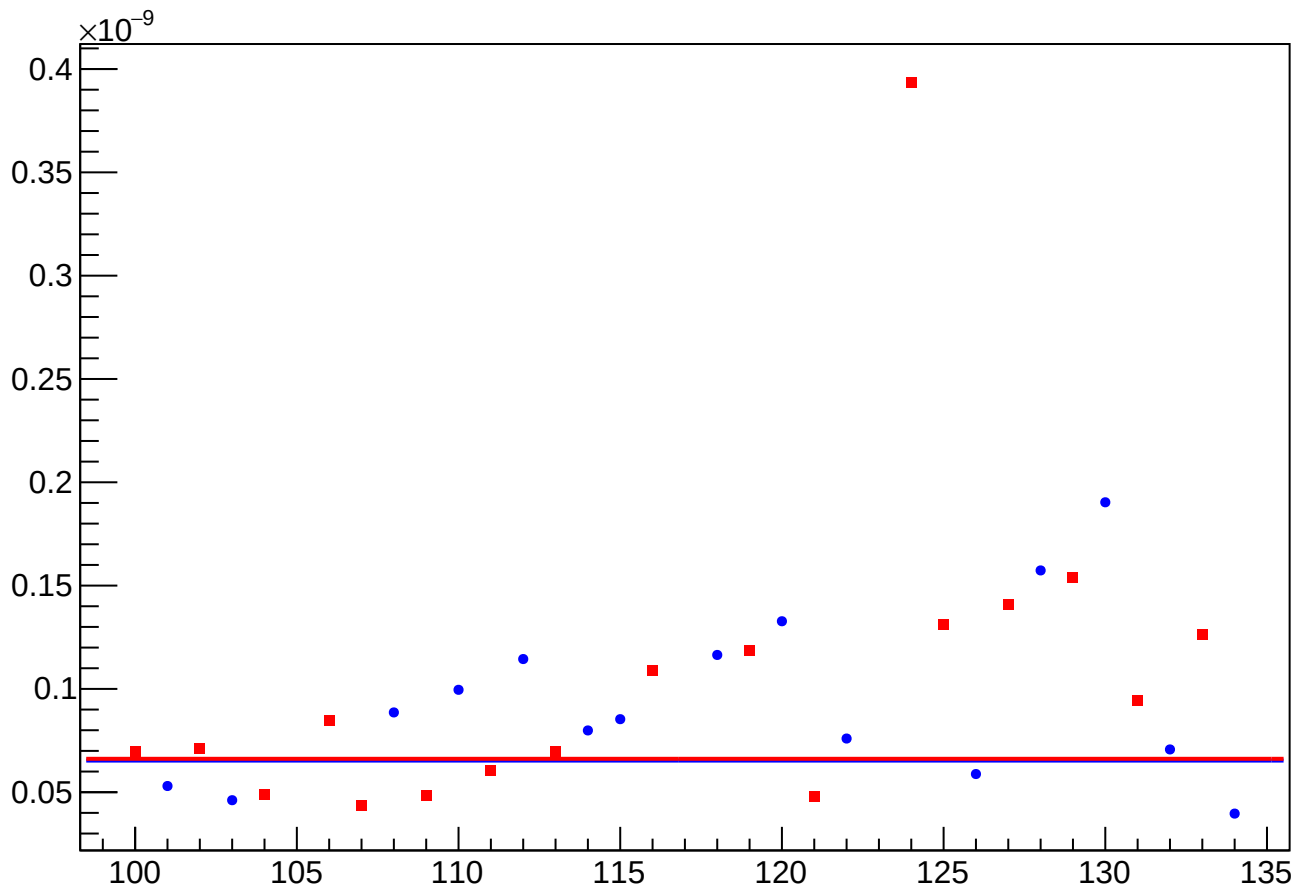
Right: 0.000+/-0.000 χ^2/NDF : 26.1/31

In: 0.000+/-0.000 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/31

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 855200.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 878692.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

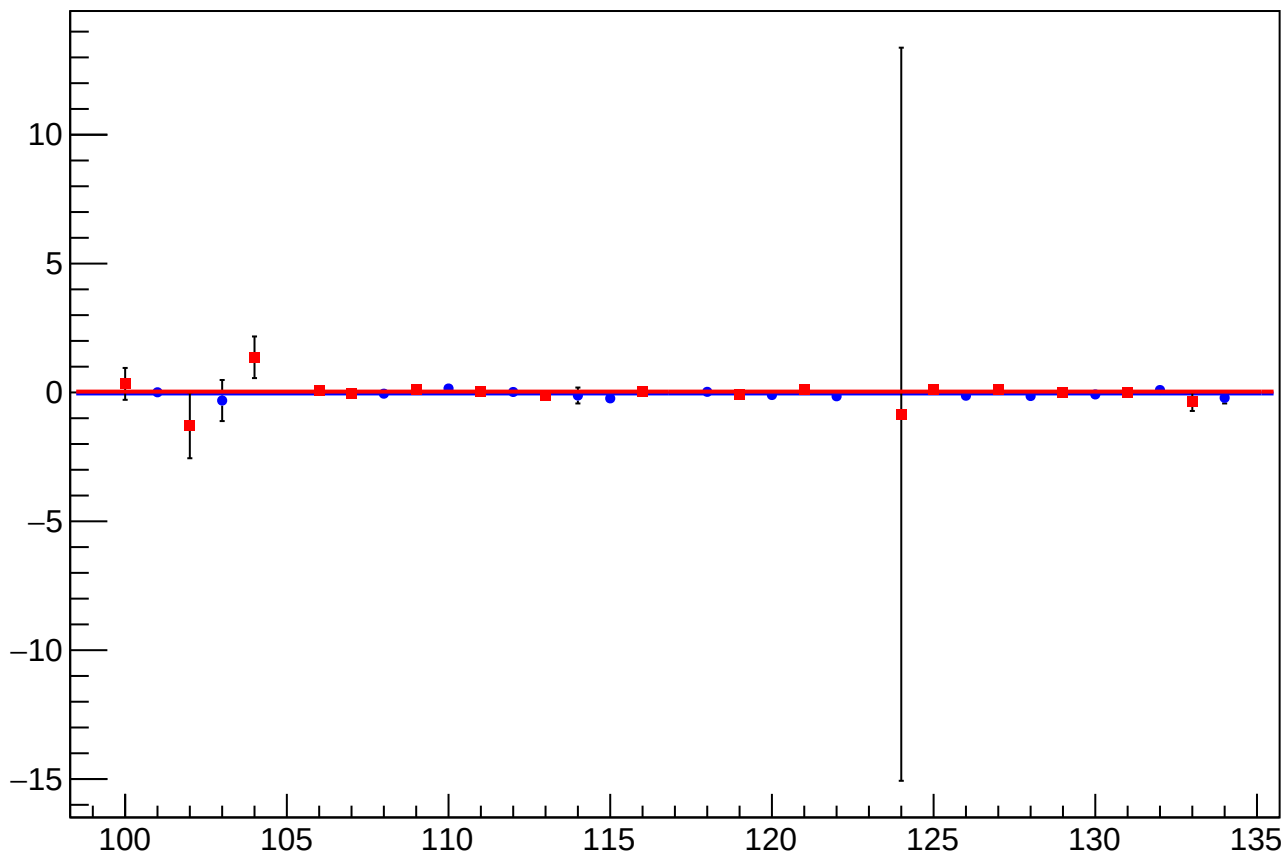
Right: 0.000+/-0.000 χ^2/NDF : 1734265.5/31

In: 0.000+/-0.000 χ^2/NDF : 855200.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1734265.5/31

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 ± 0.032 χ^2/NDF : 7.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.033 ± 0.029 χ^2/NDF : 11.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

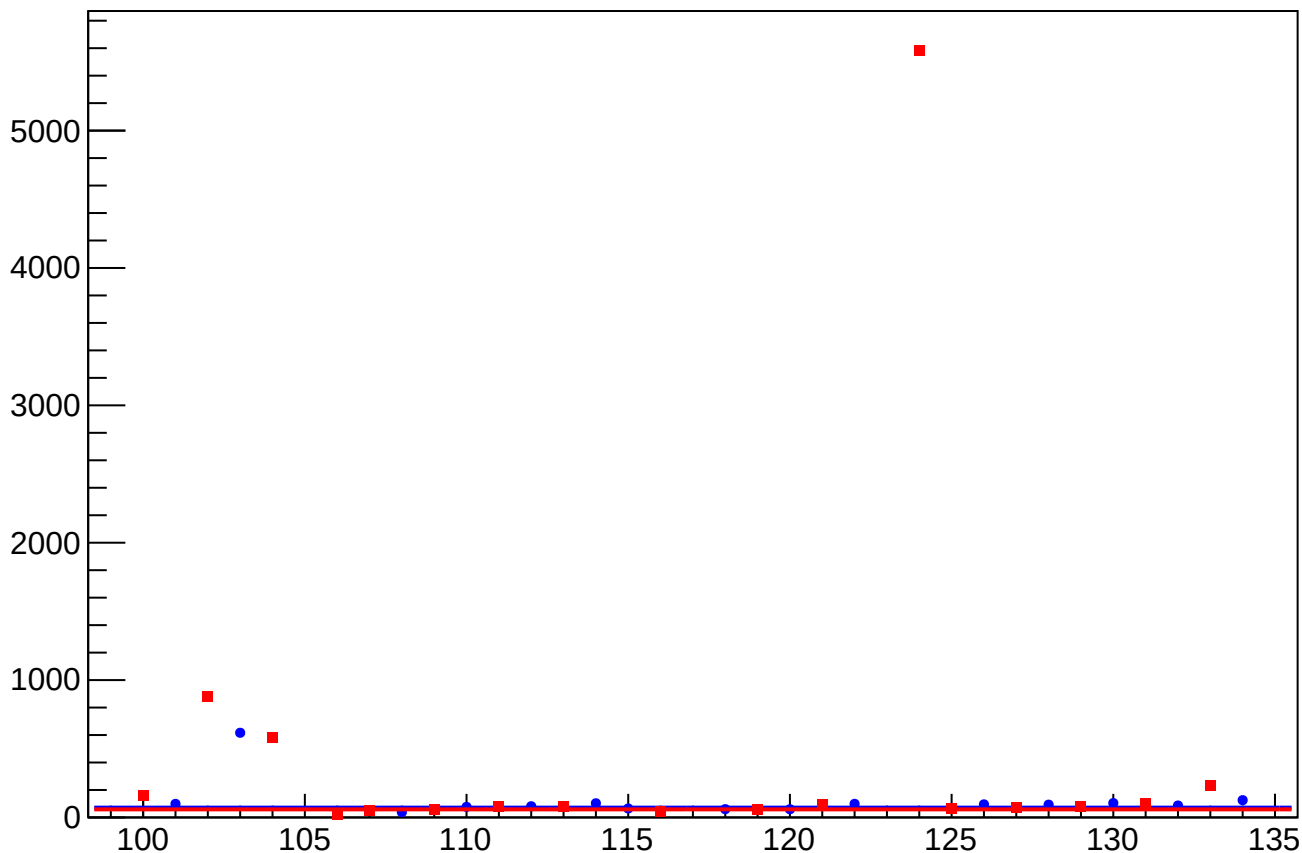
Right: 0.001 ± 0.022 χ^2/NDF : 22.2/31

In: -0.038 ± 0.032 χ^2/NDF : 7.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.022 χ^2/NDF : 22.2/31

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.482+/-0.023 χ^2/NDF : 2031134.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.870+/-0.020 χ^2/NDF : 3608314.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

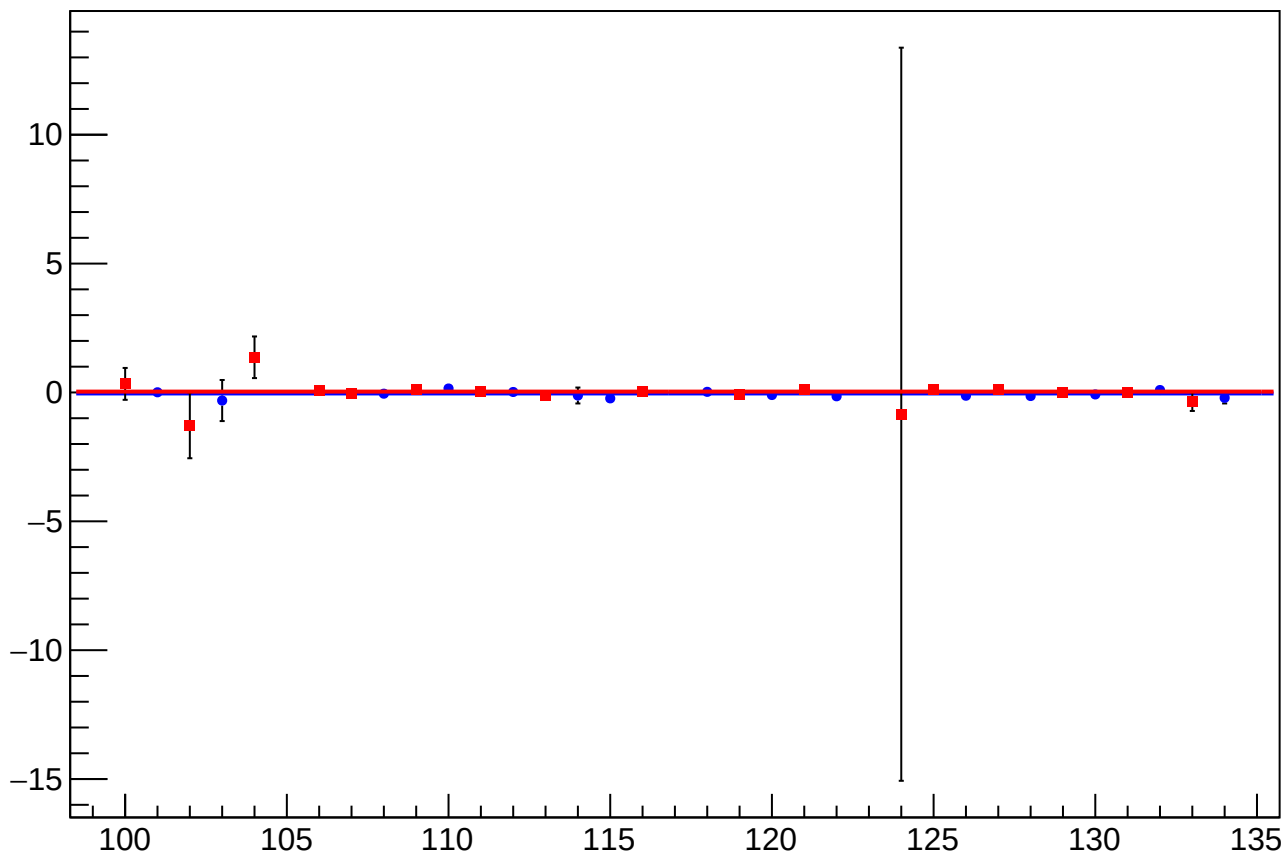
Right: 64.447+/-0.015 χ^2/NDF : 5808161.6/31

In: 71.482+/-0.023 χ^2/NDF : 2031134.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808161.6/31

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 ± 0.032 $\chi^2/\text{NDF}: 7.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.033 ± 0.029 $\chi^2/\text{NDF}: 11.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

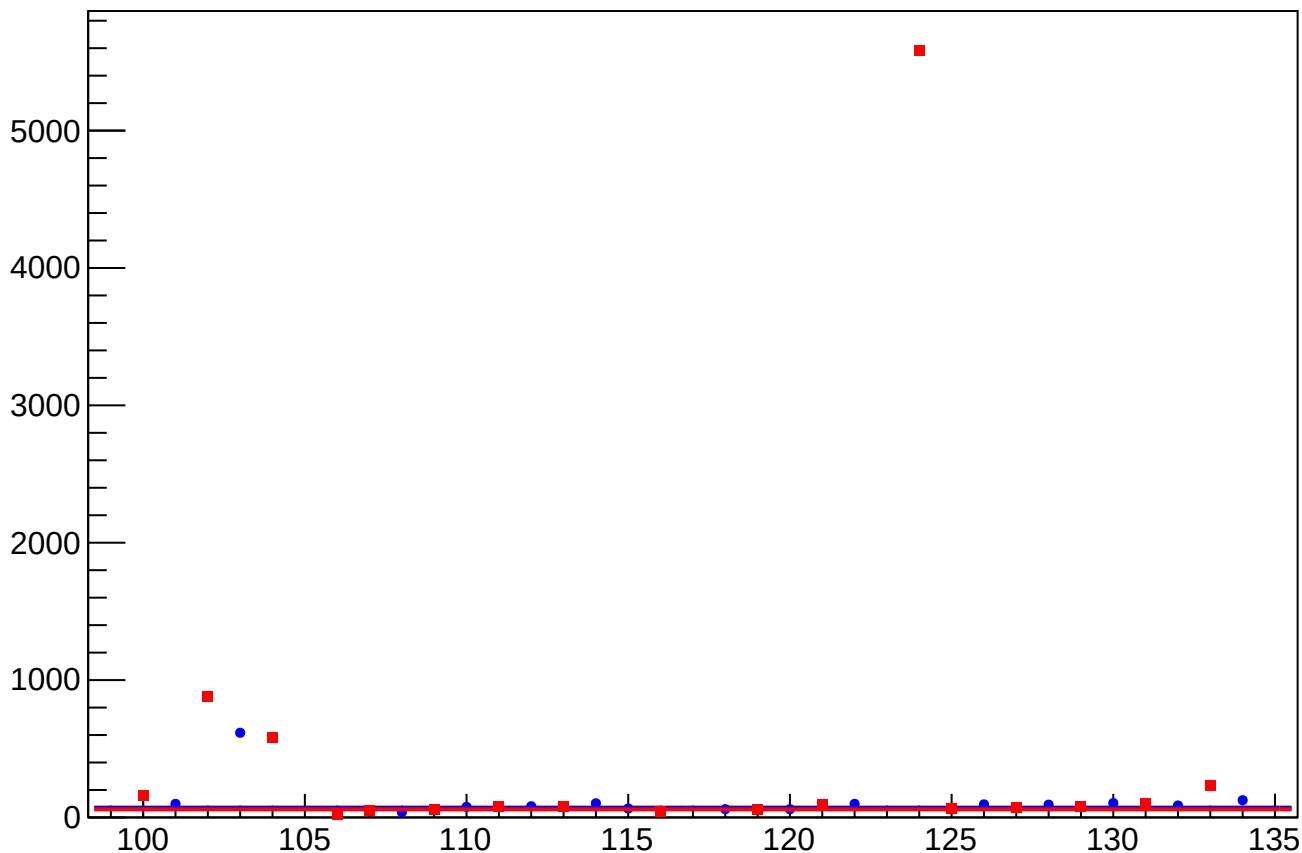
Right: 0.001 ± 0.022 $\chi^2/\text{NDF}: 22.2/31$

In: -0.038 ± 0.032 $\chi^2/\text{NDF}: 7.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.001 ± 0.022 $\chi^2/\text{NDF}: 22.2/31$

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.482+/-0.023 χ^2/NDF : 2031134.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.870+/-0.020 χ^2/NDF : 3608314.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

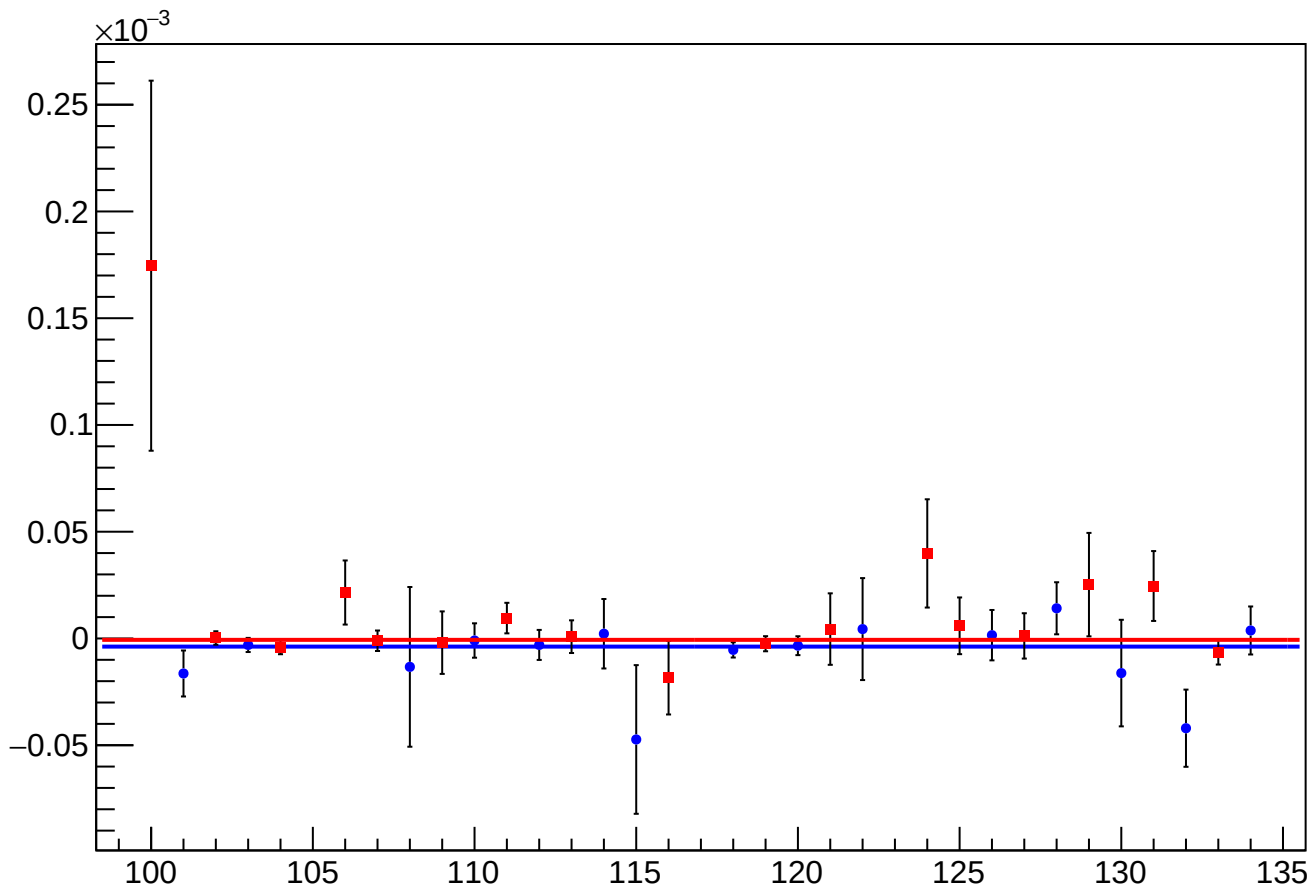
Right: 64.447+/-0.015 χ^2/NDF : 5808161.6/31

In: 71.482+/-0.023 χ^2/NDF : 2031134.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808161.6/31

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

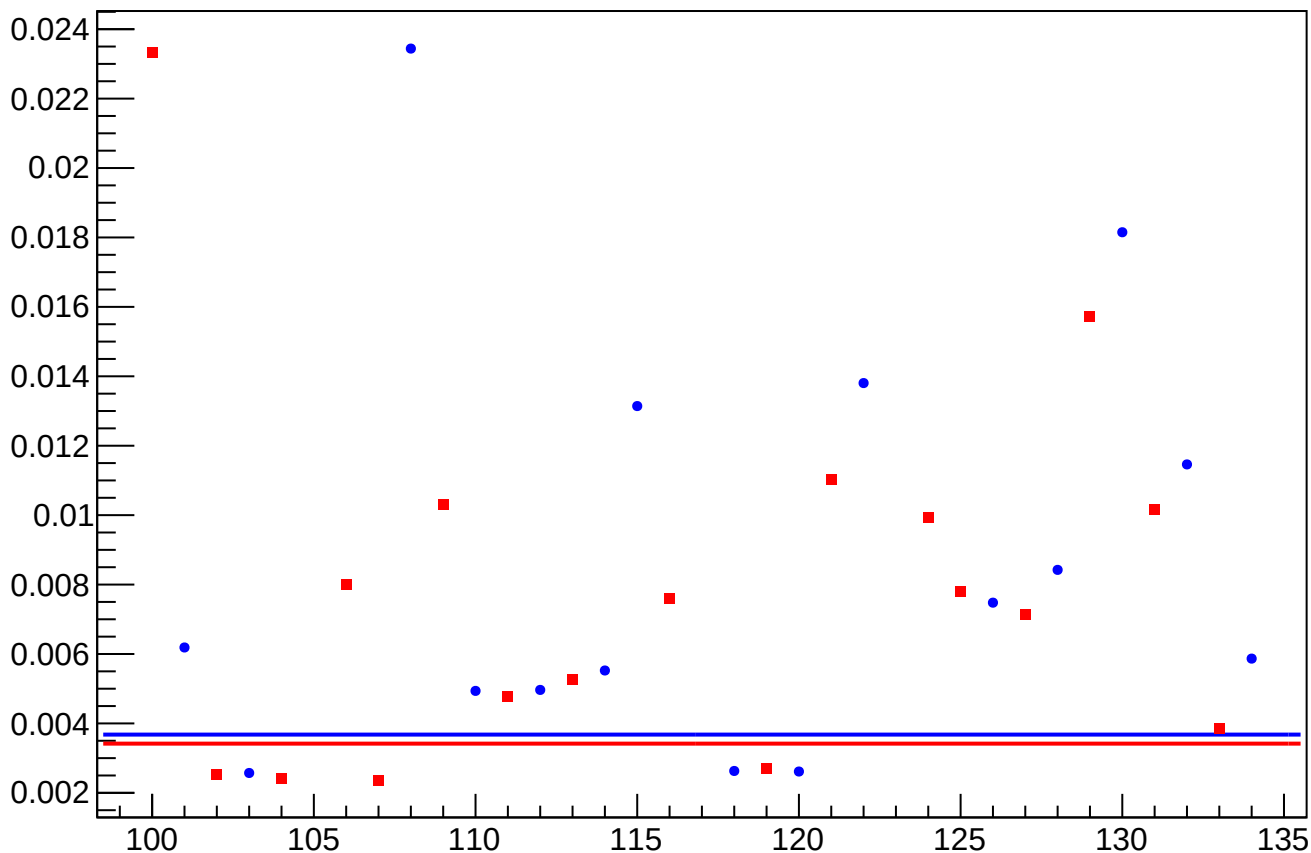
Right: -0.000+/-0.000 χ^2/NDF : 31.1/31

In: -0.000+/-0.000 χ^2/NDF : 11.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/31

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 3456828.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3434840.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

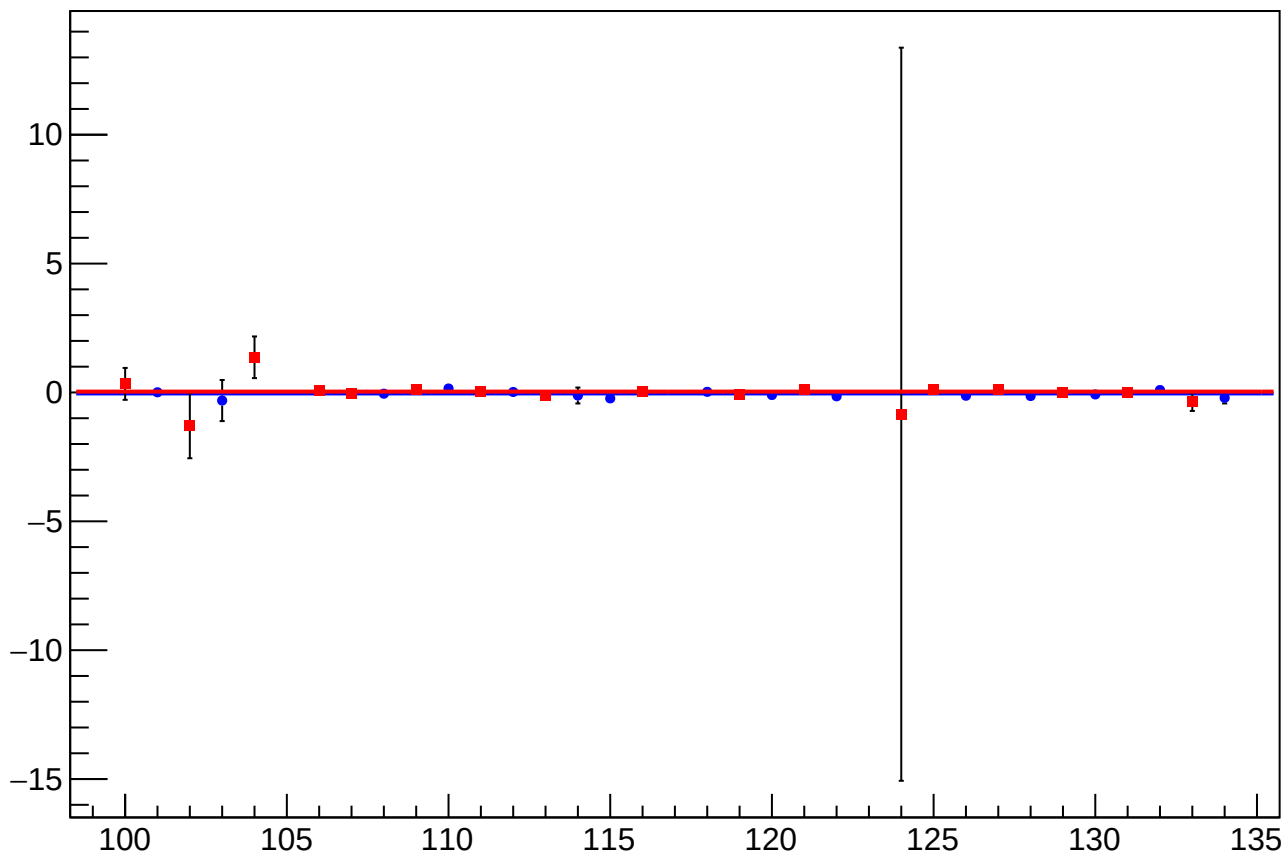
Right: 0.004+/-0.000 χ^2/NDF : 6915311.4/31

In: 0.004+/-0.000 χ^2/NDF :3456828.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6915311.4/31

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.032 χ^2 /NDF: 7.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.033 $\pm$ 0.029 χ^2 /NDF: 11.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

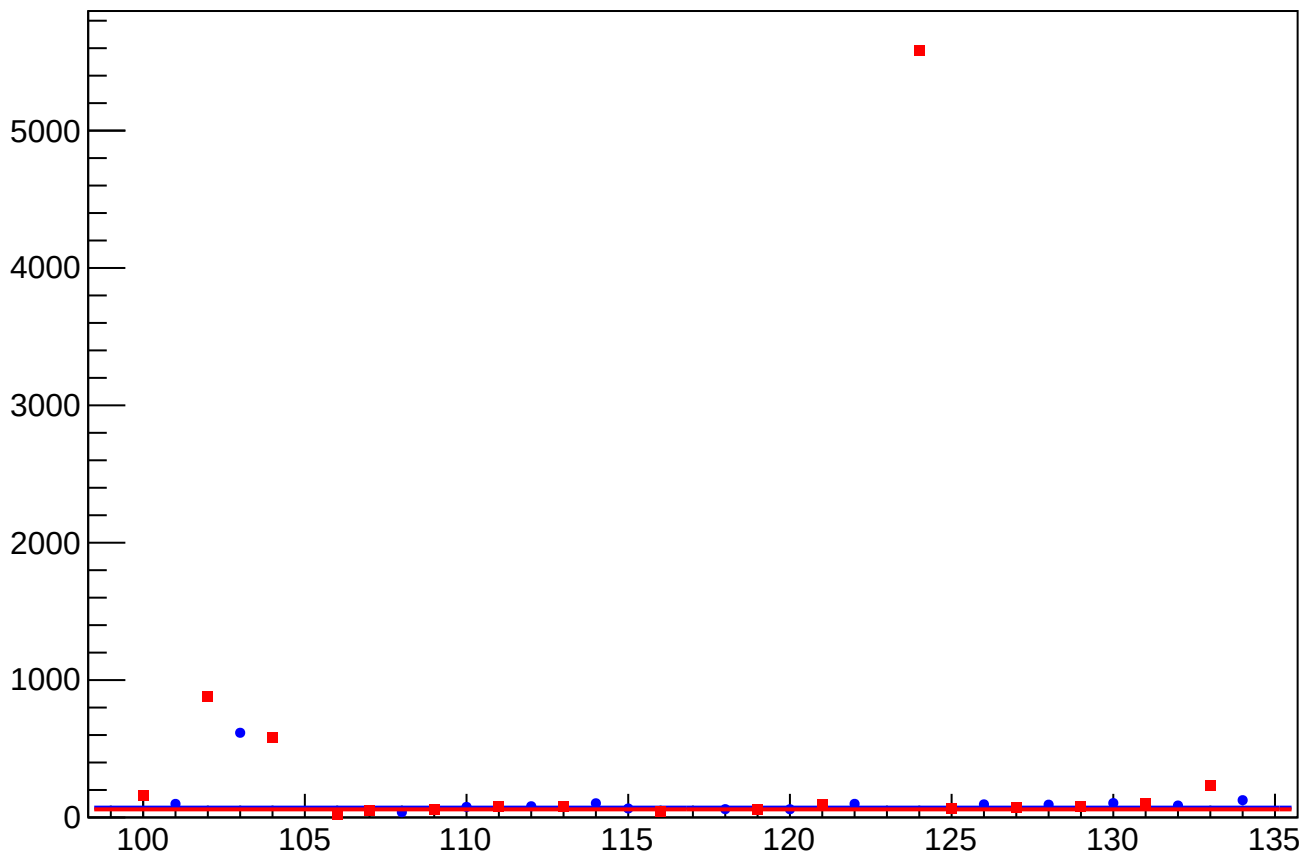
Right: 0.001 $\pm$ 0.022 χ^2 /NDF: 22.2/31

In: -0.038 $\pm$ 0.032 χ^2 /NDF:7.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.022 χ^2 /NDF: 22.2/31

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.493+/-0.023 χ^2/NDF : 2030123.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.863+/-0.020 χ^2/NDF : 3608898.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

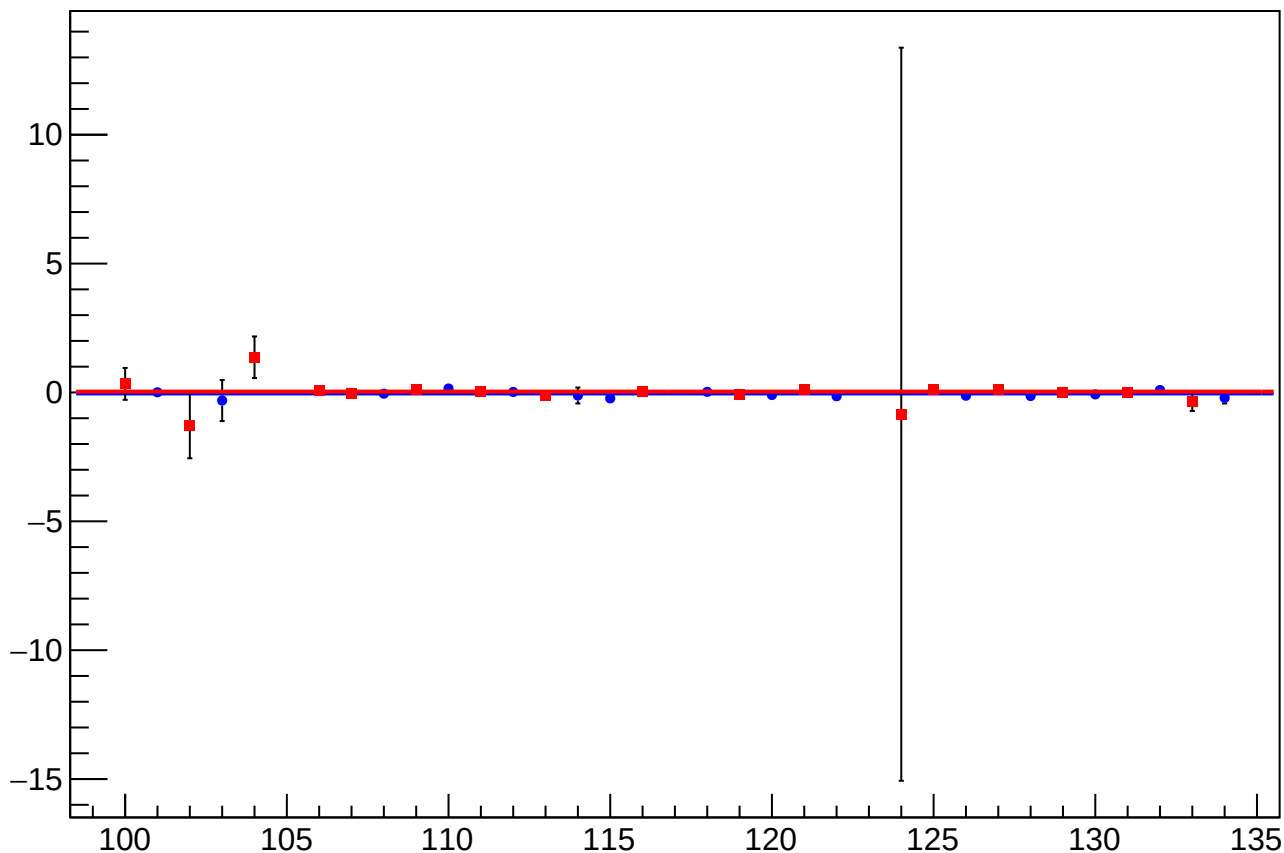
Right: 64.447+/-0.015 χ^2/NDF : 5808182.6/31

In: 71.493+/-0.023 χ^2/NDF : 2030123.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808182.6/31

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.032 χ^2 /NDF: 7.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.033 $\pm$ 0.029 χ^2 /NDF: 11.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

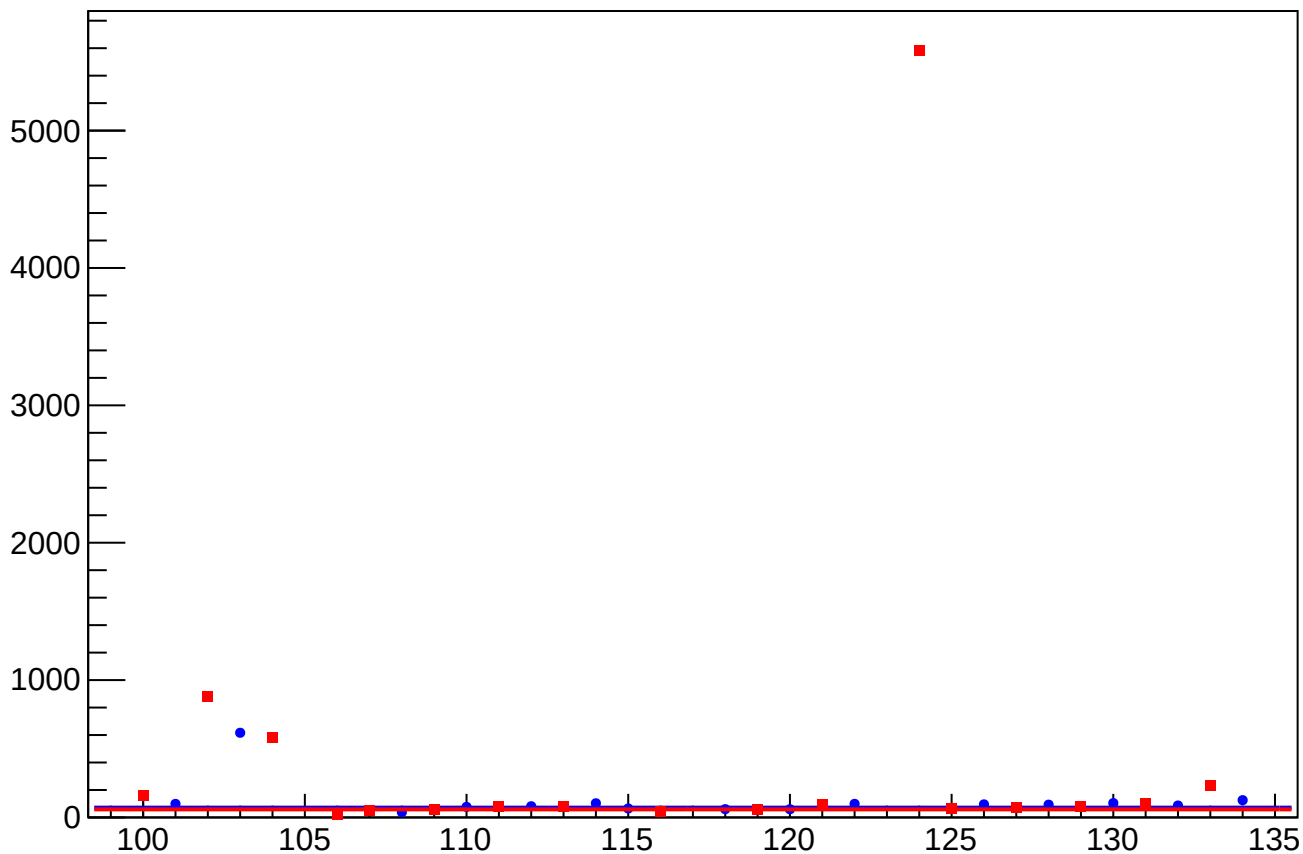
Right: 0.001 $\pm$ 0.022 χ^2 /NDF: 22.2/31

In: -0.038 $\pm$ 0.032 χ^2 /NDF:7.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.022 χ^2 /NDF: 22.2/31

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.493+/-0.023 χ^2/NDF : 2030123.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.863+/-0.020 χ^2/NDF : 3608898.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

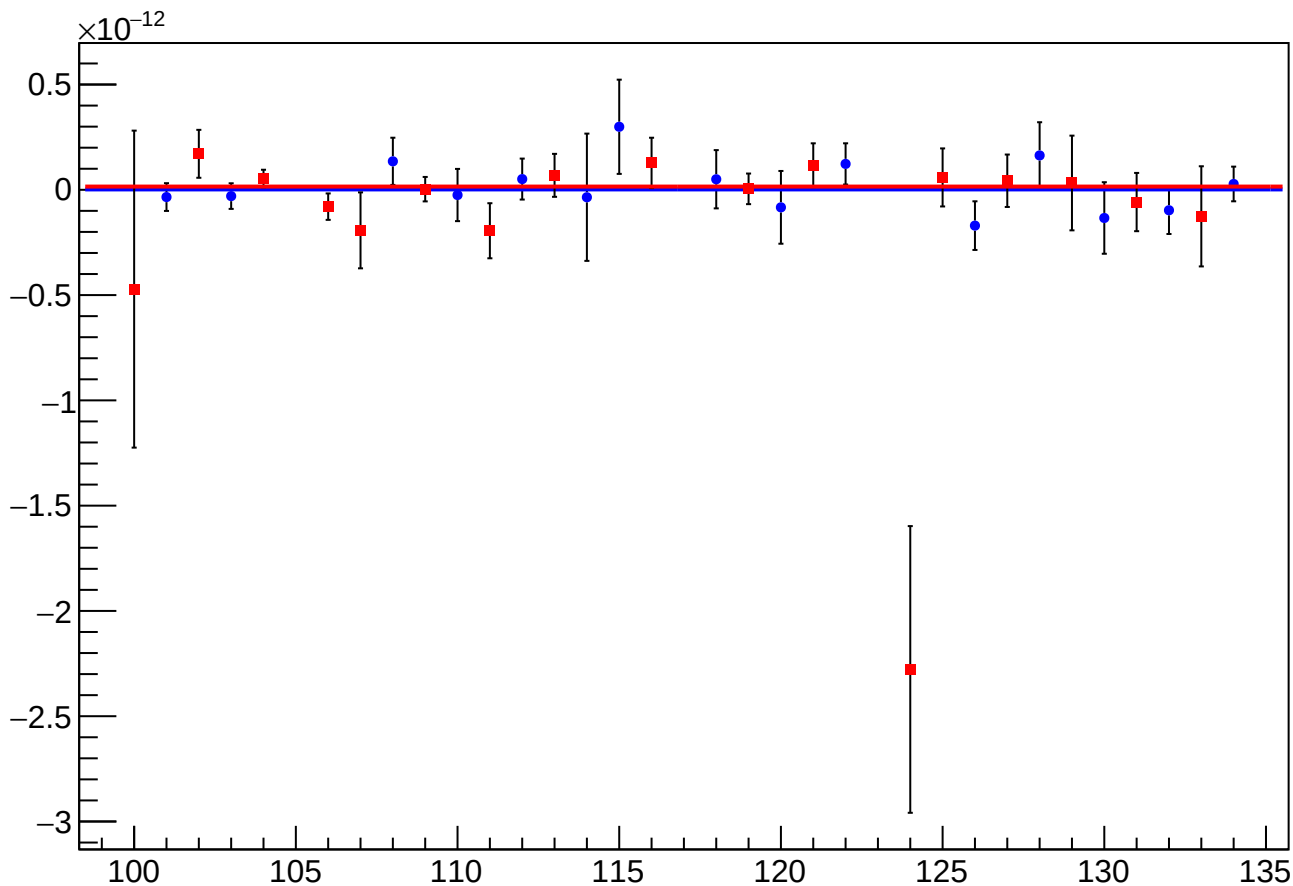
Right: 64.447+/-0.015 χ^2/NDF : 5808182.6/31

In: 71.493+/-0.023 χ^2/NDF : 2030123.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808182.6/31

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

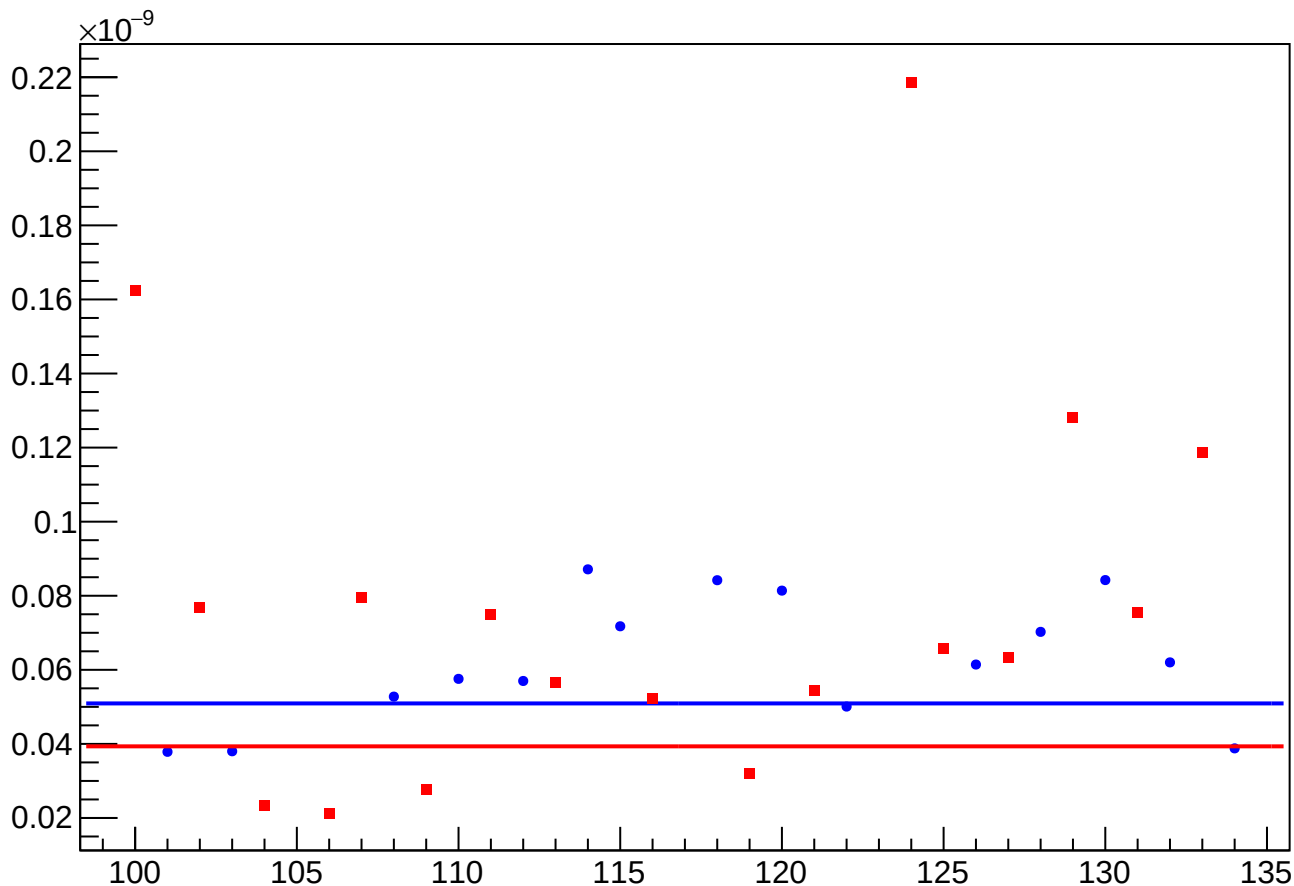
Right: 0.000+/-0.000 χ^2/NDF : 34.5/31

In: 0.000+/-0.000 χ^2/NDF : 10.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.5/31

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 593009.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2163243.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

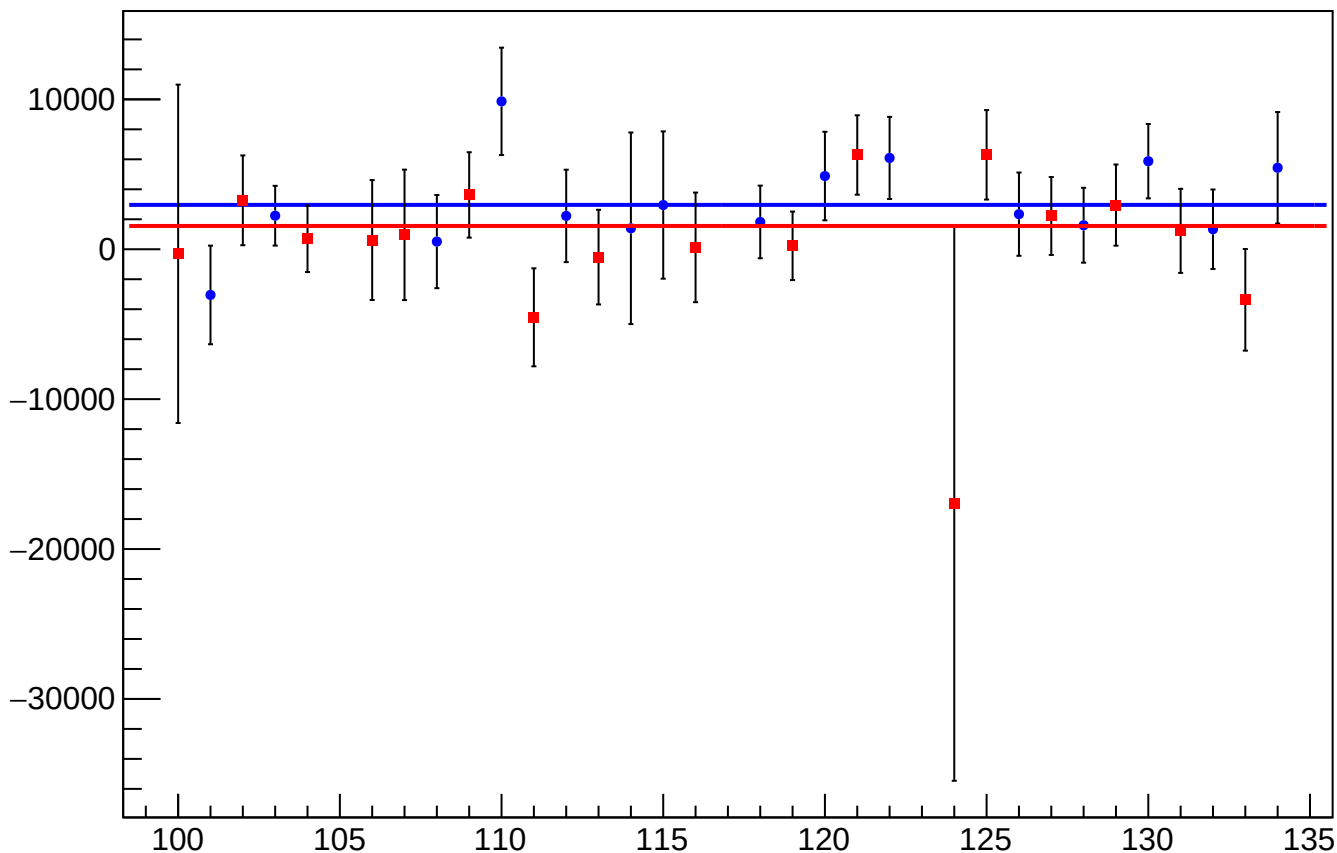
Right: 0.000+/-0.000 χ^2/NDF : 2970376.5/31

In: 0.000+/-0.000 χ^2/NDF : 593009.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2970376.5/31

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2959.638 $\pm$ 749.114 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1553.703 $\pm$ 750.155 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

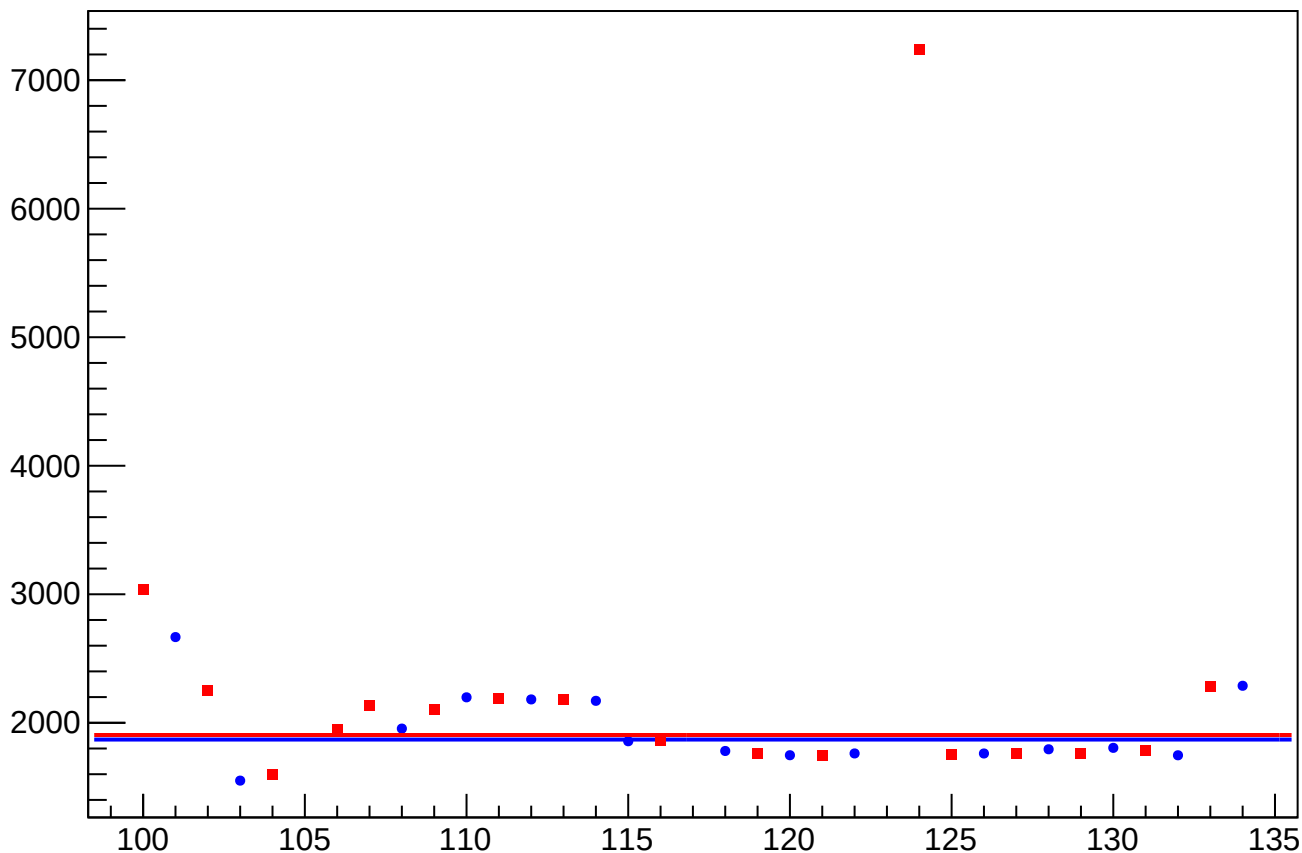
Right: 2257.647 $\pm$ 530.071 χ^2 /NDF: 28.9/31

In: 2959.638 $\pm$ 749.114 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2257.647 $\pm$ 530.071 χ^2 /NDF: 28.9/31

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1869.705+/-0.530 χ^2/NDF : 257253.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.075+/-0.529 χ^2/NDF : 357972.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

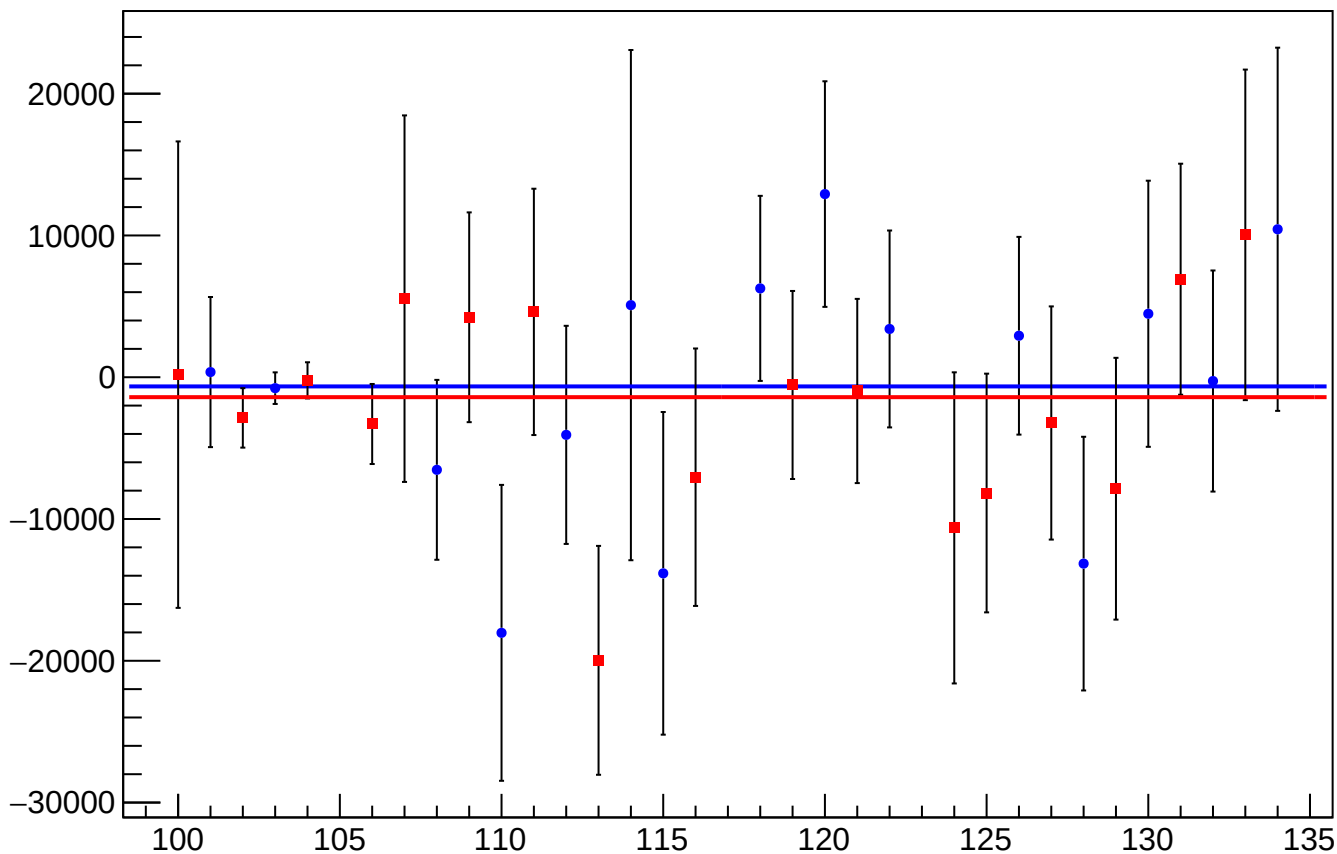
Right: 1887.412+/-0.374 χ^2/NDF : 617457.5/31

In: 1869.705+/-0.530 χ^2/NDF : 257253.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.412+/-0.374 χ^2/NDF : 617457.5/31

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -648.178+/-985.517 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1405.901+/-930.844 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

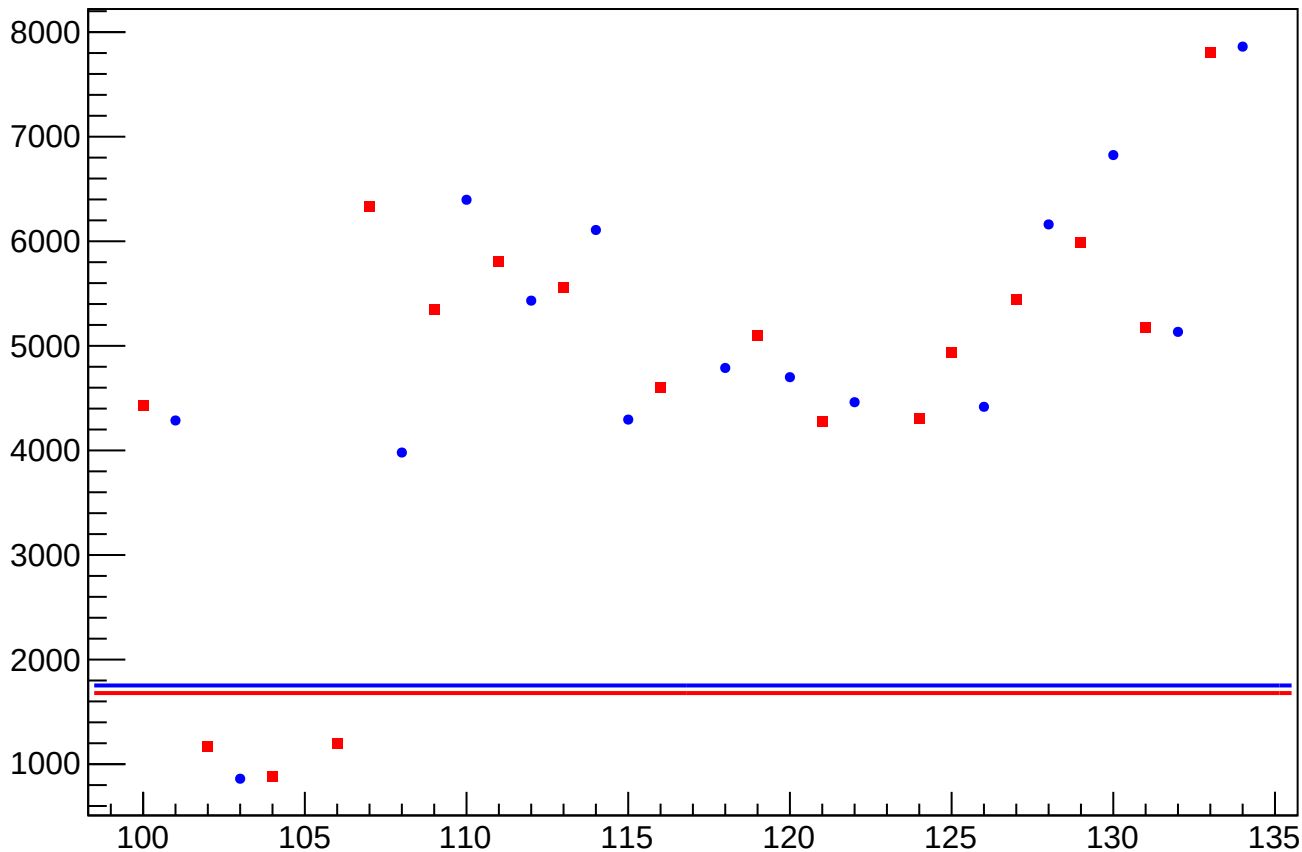
Right: -1048.640+/-676.709 χ^2/NDF : 26.0/31

In: -648.178+/-985.517 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1048.640+/-676.709 χ^2/NDF : 26.0/31

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1752.504+/-0.697 χ^2/NDF : 6260322.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1679.858+/-0.658 χ^2/NDF : 5917388.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

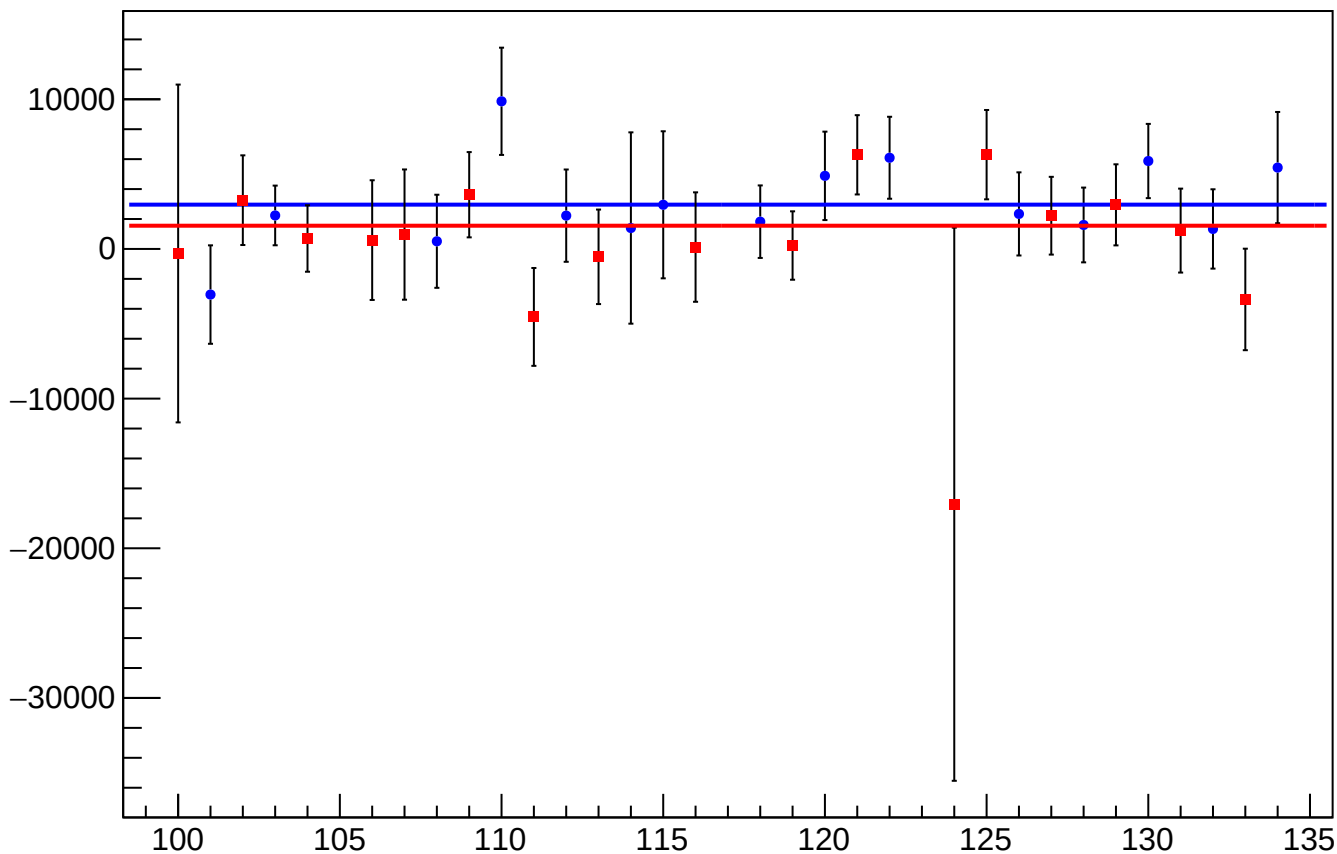
Right: 1714.110+/-0.479 χ^2/NDF : 12183454.8/31

In: 1752.504+/-0.697 χ^2/NDF :6260322.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1714.110+/-0.479 χ^2/NDF : 12183454.8/31

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2959.738 $\pm$ 749.114 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1552.170 $\pm$ 750.156 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

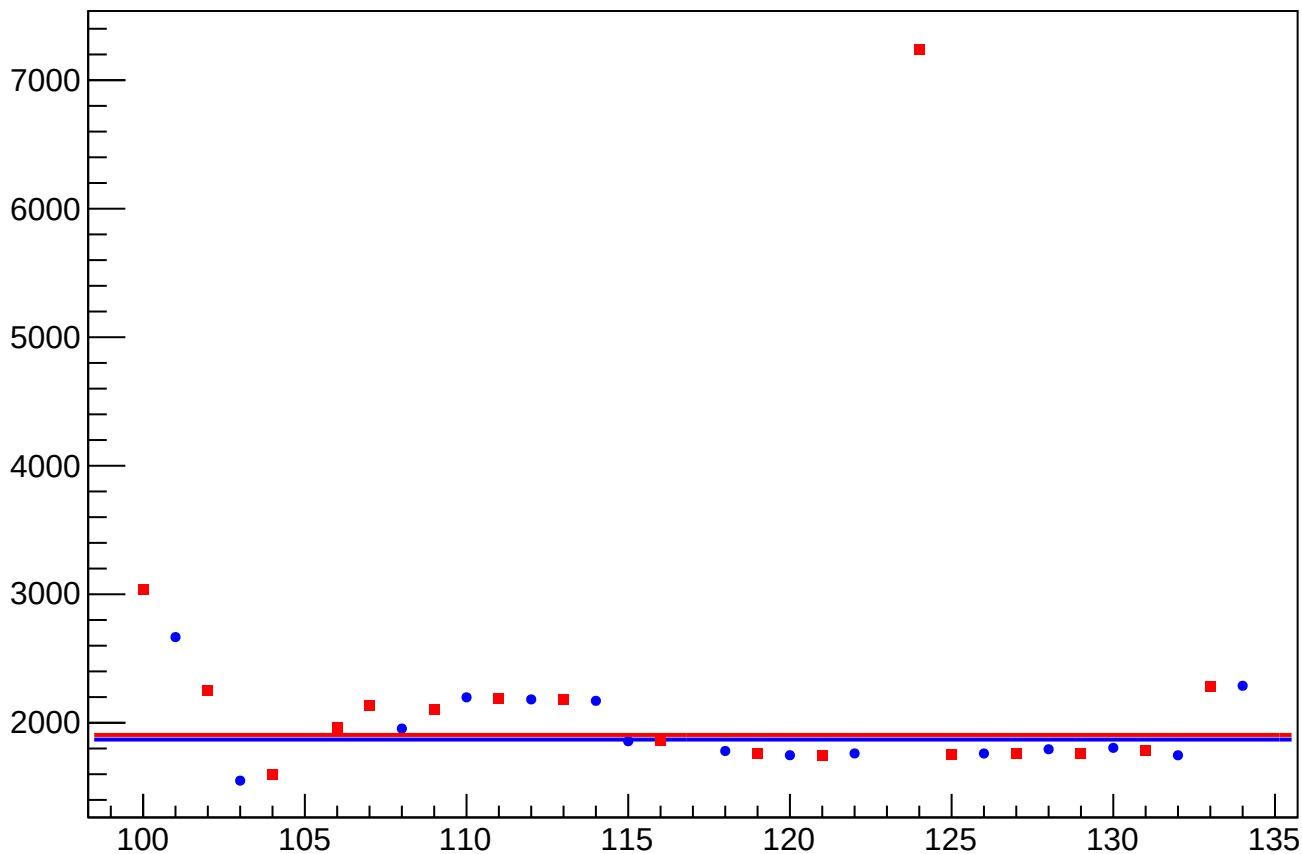
Right: 2256.932 $\pm$ 530.072 χ^2 /NDF: 28.9/31

In: 2959.738 $\pm$ 749.114 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2256.932 $\pm$ 530.072 χ^2 /NDF: 28.9/31

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1869.705+/-0.530 χ^2/NDF : 257253.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.598+/-0.529 χ^2/NDF : 358163.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

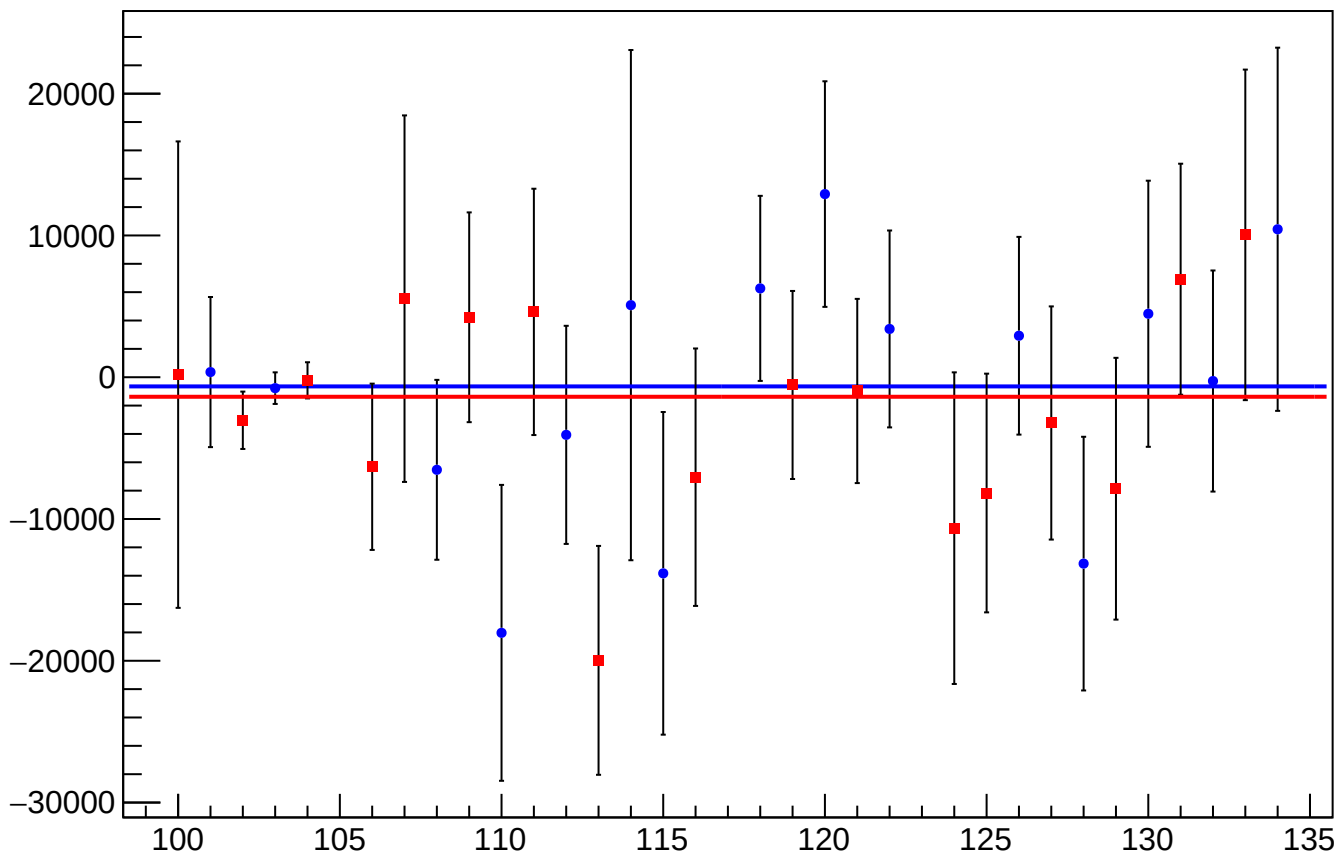
Right: 1887.669+/-0.374 χ^2/NDF : 617714.2/31

In: 1869.705+/-0.530 χ^2/NDF : 257253.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.669+/-0.374 χ^2/NDF : 617714.2/31

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -647.698+/-985.460 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.978+/-964.743 χ^2/NDF : 13.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

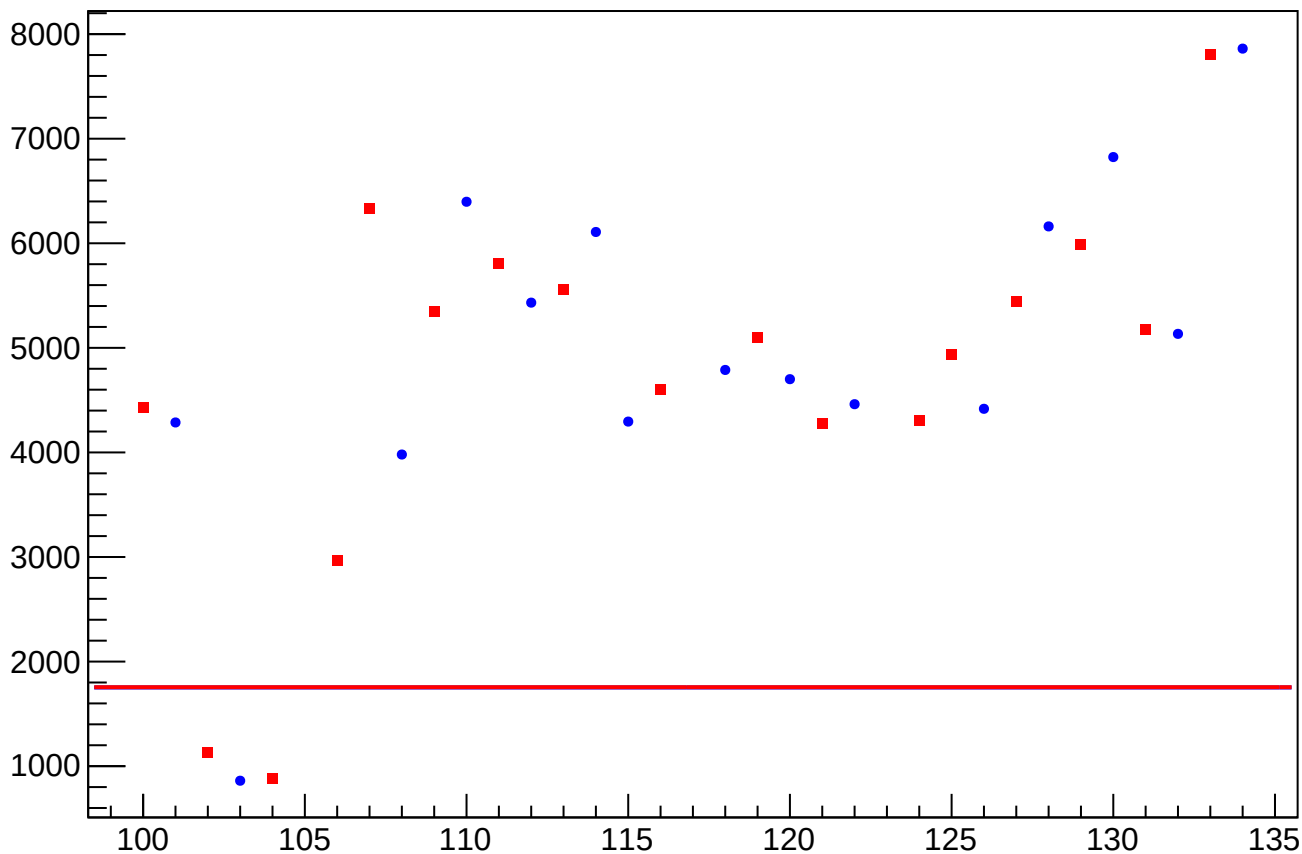
Right: -1020.595+/-689.384 χ^2/NDF : 26.4/31

In: -647.698+/-985.460 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1020.595+/-689.384 χ^2/NDF : 26.4/31

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1752.356+/-0.697 χ^2/NDF : 6260677.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1754.971+/-0.682 χ^2/NDF : 5971047.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

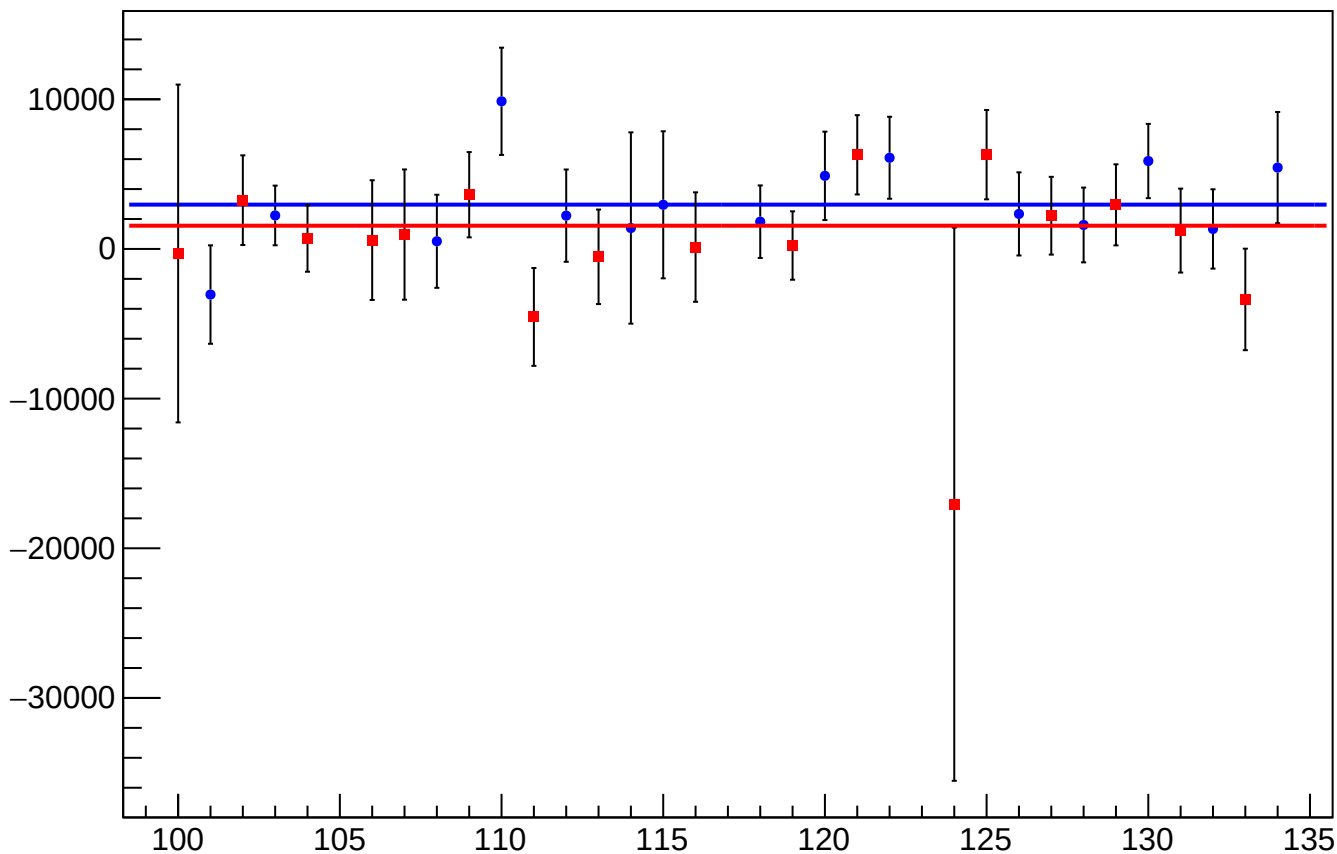
Right: 1753.691+/-0.487 χ^2/NDF : 12231732.8/31

In: 1752.356+/-0.697 χ^2/NDF : 6260677.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.691+/-0.487 χ^2/NDF : 12231732.8/31

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2959.738 $\pm$ 749.114 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1552.170 $\pm$ 750.156 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

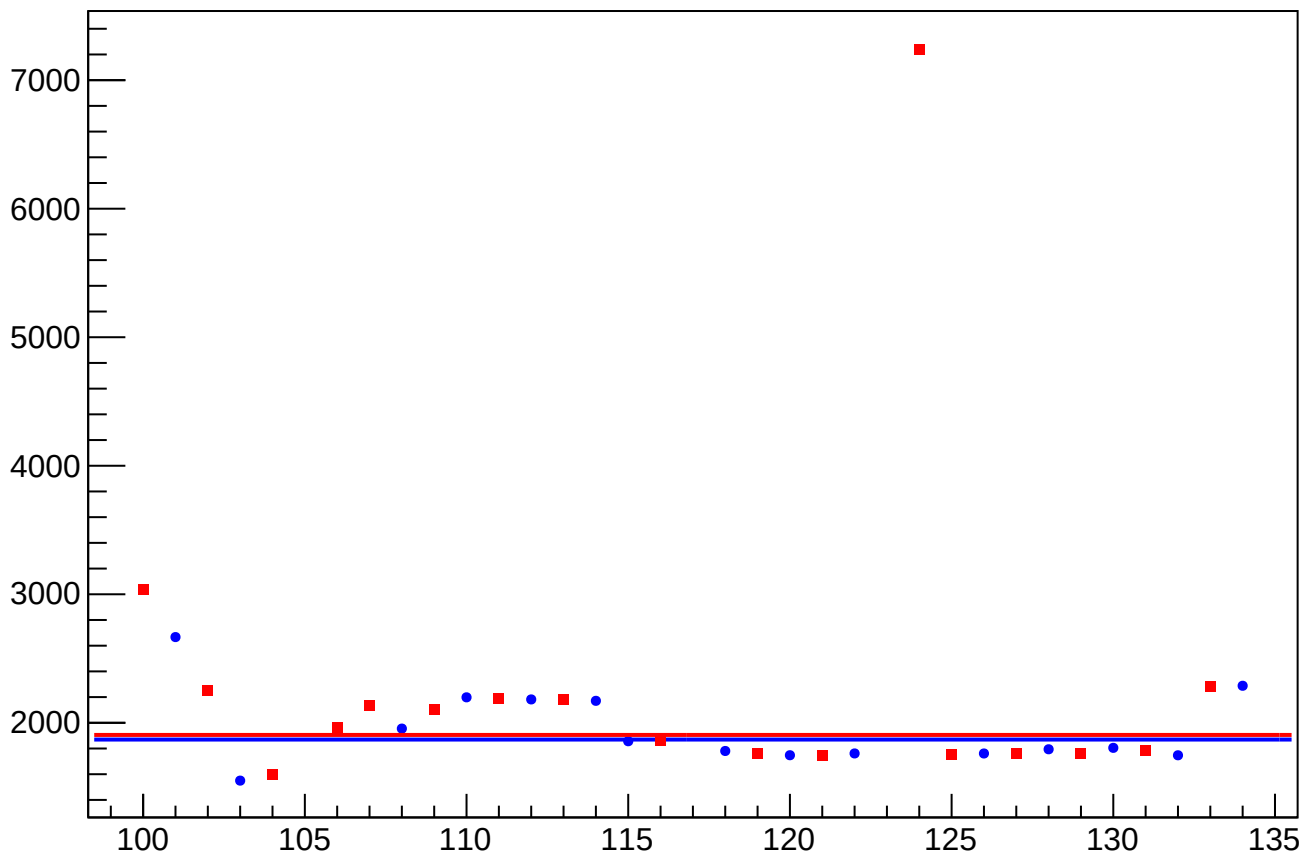
Right: 2256.932 $\pm$ 530.072 χ^2 /NDF: 28.9/31

In: 2959.738 $\pm$ 749.114 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2256.932 $\pm$ 530.072 χ^2 /NDF: 28.9/31

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1869.705+/-0.530 χ^2/NDF : 257253.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.598+/-0.529 χ^2/NDF : 358163.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

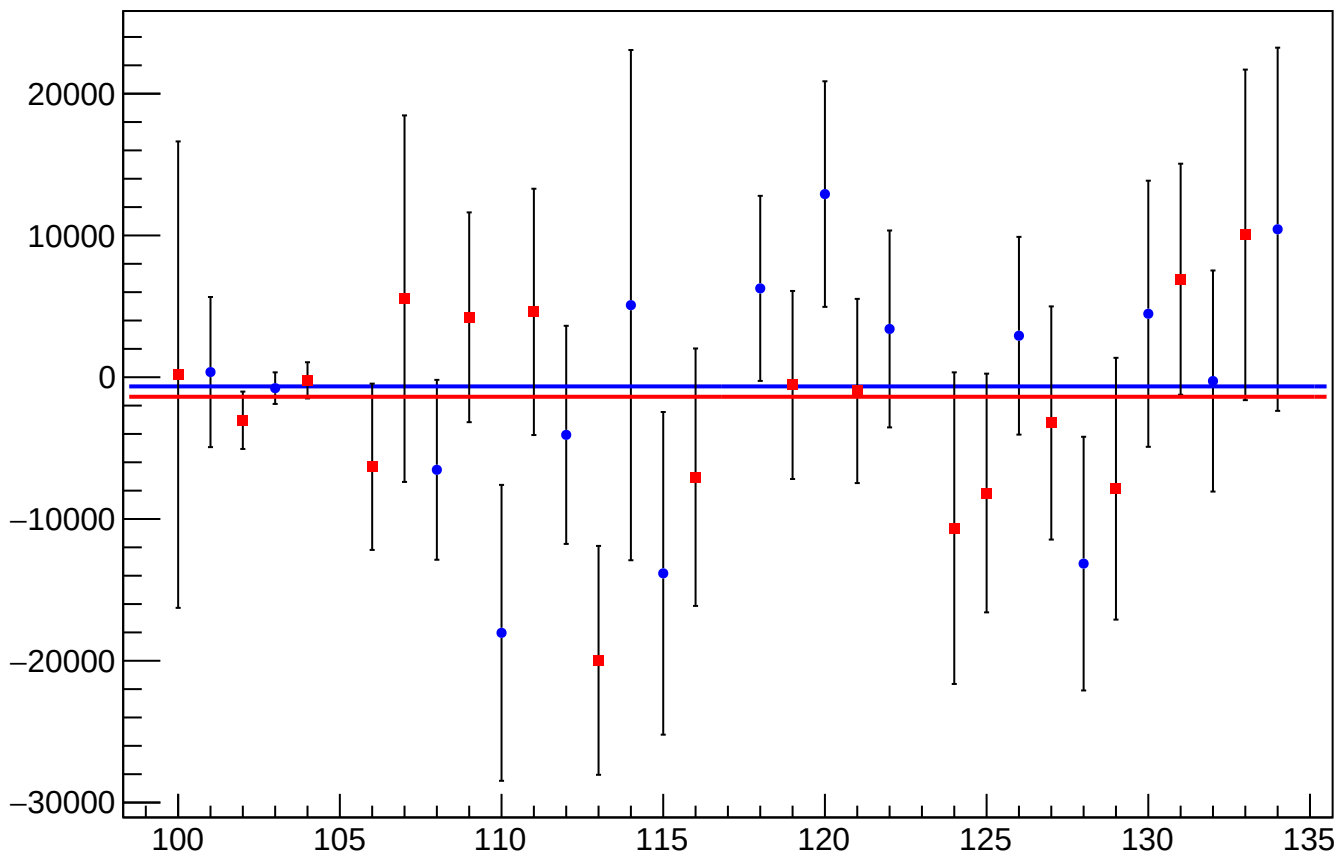
Right: 1887.669+/-0.374 χ^2/NDF : 617714.2/31

In: 1869.705+/-0.530 χ^2/NDF : 257253.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.669+/-0.374 χ^2/NDF : 617714.2/31

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -647.698 ± 985.460 χ^2/NDF : 13.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1377.978 ± 964.743 χ^2/NDF : 13.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

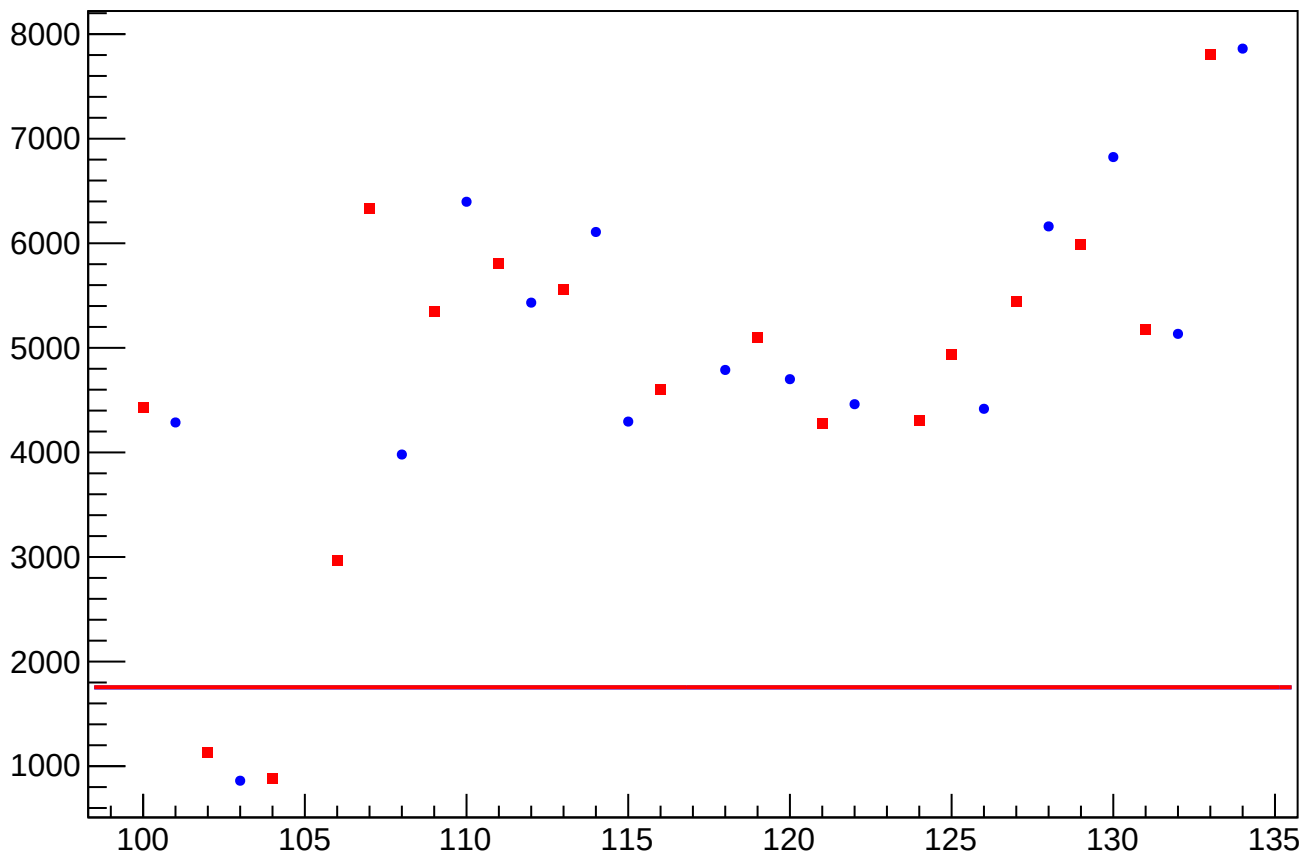
Right: -1020.595 ± 689.384 χ^2/NDF : 26.4/31

In: -647.698 ± 985.460 χ^2/NDF : 13.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1020.595 ± 689.384 χ^2/NDF : 26.4/31

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1752.356+/-0.697 χ^2/NDF : 6260677.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1754.971+/-0.682 χ^2/NDF : 5971047.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

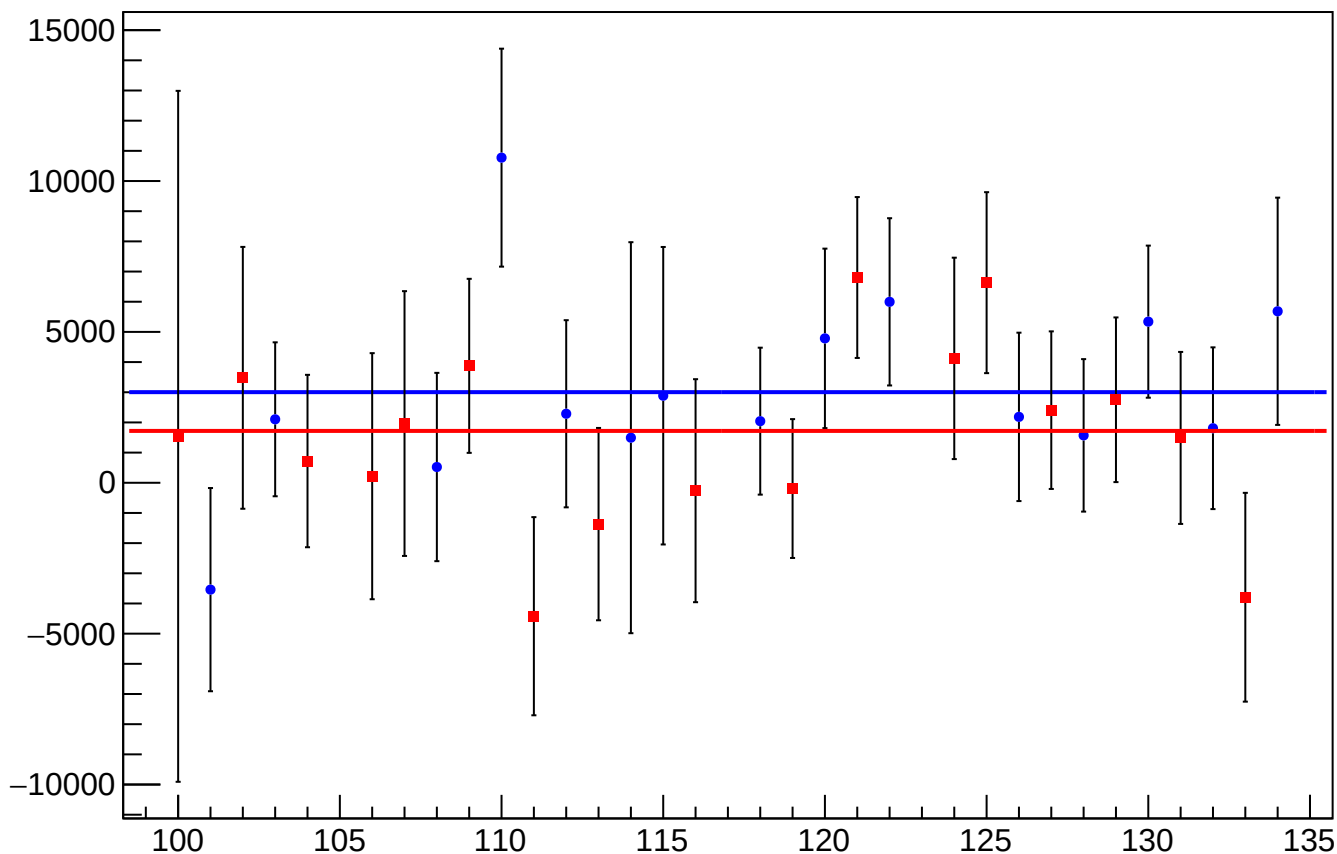
Right: 1753.691+/-0.487 χ^2/NDF : 12231732.8/31

In: 1752.356+/-0.697 χ^2/NDF :6260677.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1753.691+/-0.487 χ^2/NDF : 12231732.8/31

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3003.391+/-777.454 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.695+/-767.347 χ^2/NDF : 16.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

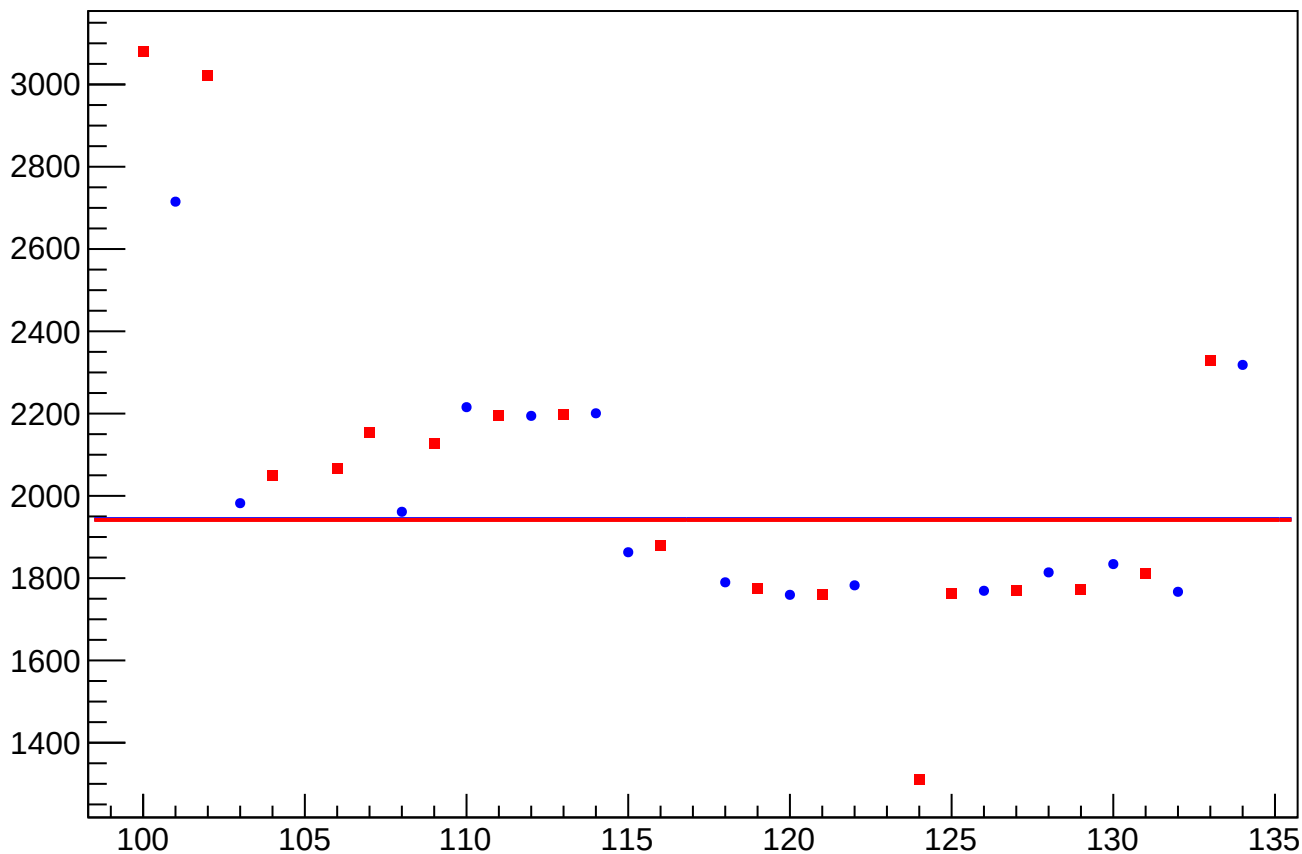
Right: 2352.638+/-546.134 χ^2/NDF : 30.3/31

In: 3003.391+/-777.454 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.638+/-546.134 χ^2/NDF : 30.3/31

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1943.443+/-0.550 χ^2/NDF : 201378.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.501+/-0.542 χ^2/NDF : 331031.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

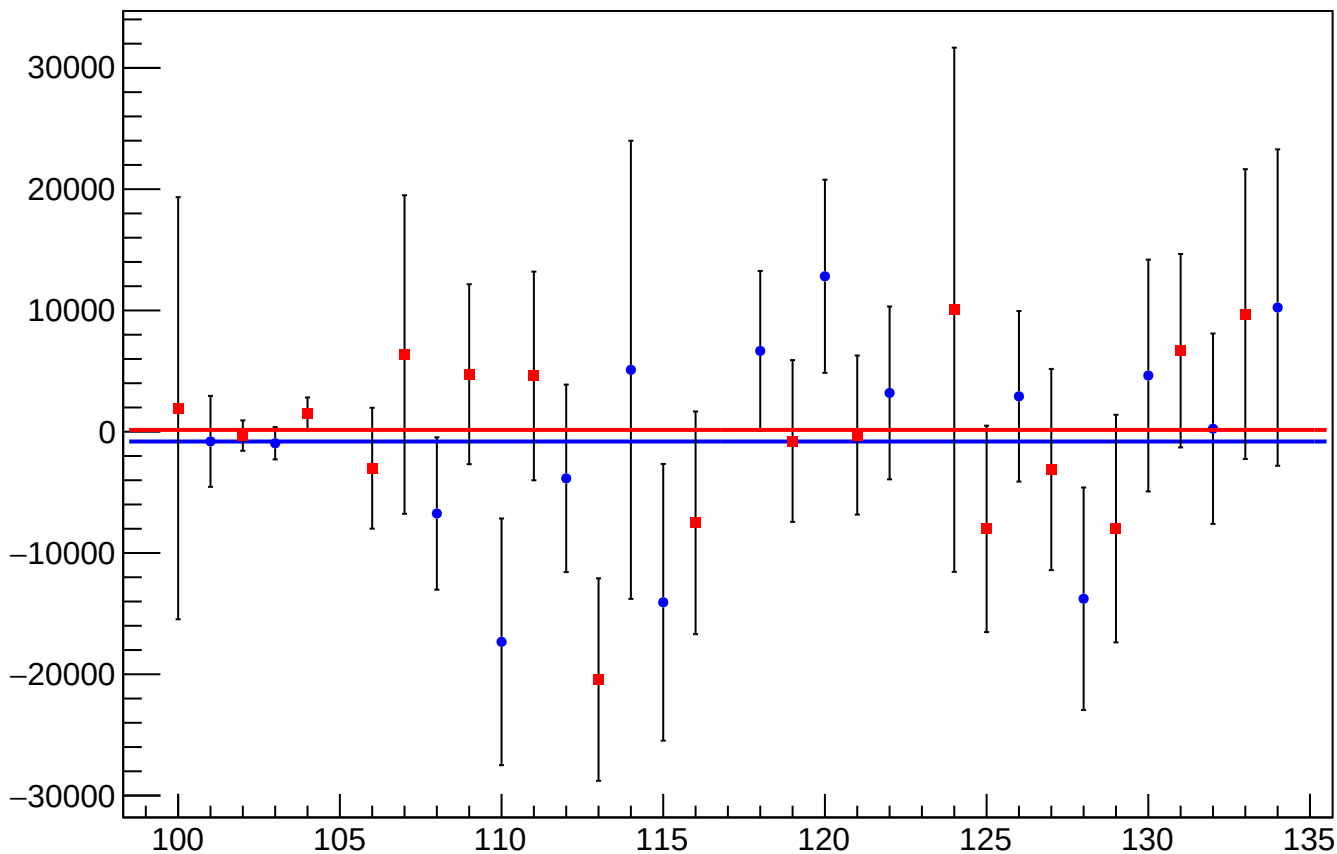
Right: 1942.458+/-0.386 χ^2/NDF : 532415.8/31

In: 1943.443+/-0.550 χ^2/NDF : 201378.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.458+/-0.386 χ^2/NDF : 532415.8/31

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -806.032 $\pm$ 1102.980 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.407 $\pm$ 846.484 χ^2 /NDF: 12.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

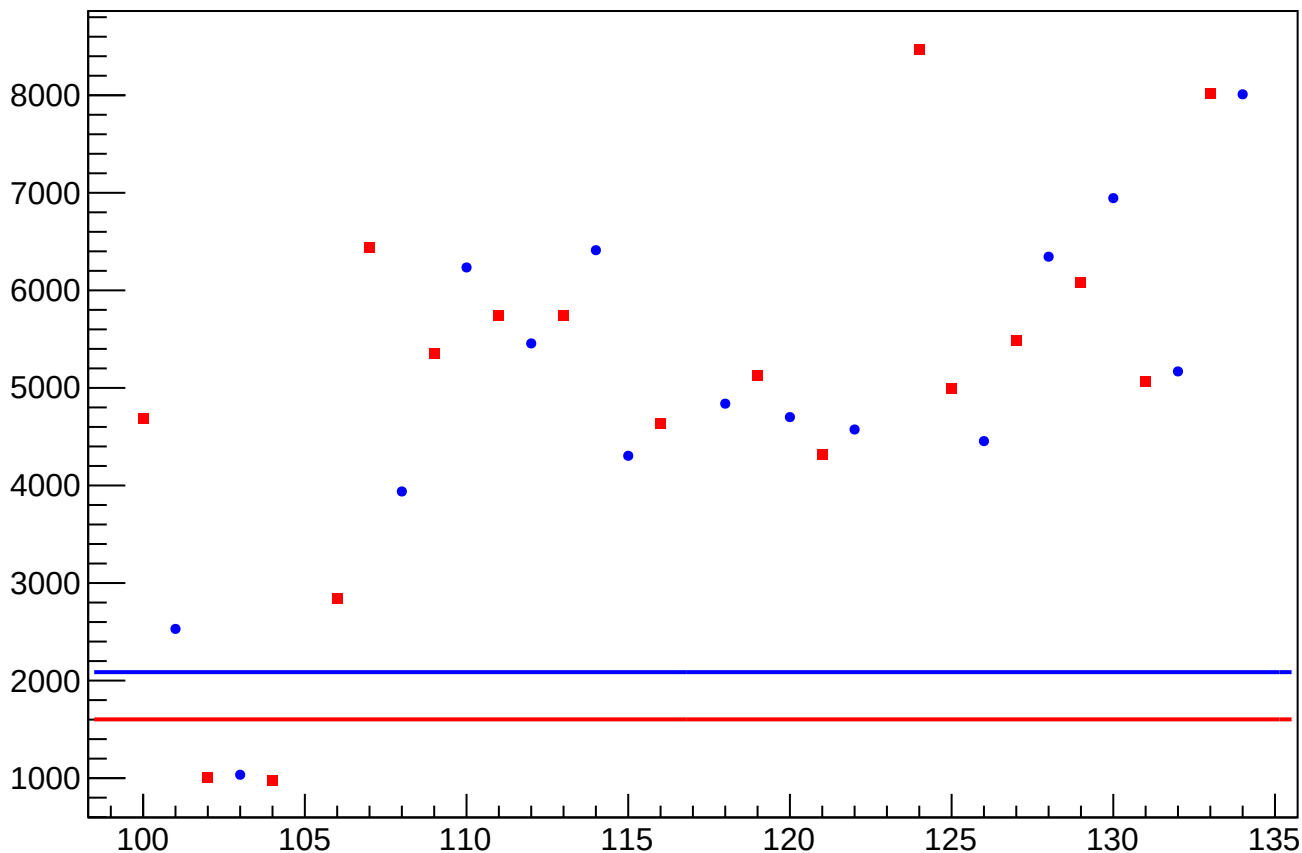
Right: -204.113 $\pm$ 671.521 χ^2 /NDF: 26.0/31

In: -806.032 $\pm$ 1102.980 χ^2 /NDF:13.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -204.113 $\pm$ 671.521 χ^2 /NDF: 26.0/31

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2086.490+/-0.780 χ^2/NDF : 5048345.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.450+/-0.599 χ^2/NDF : 6288435.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

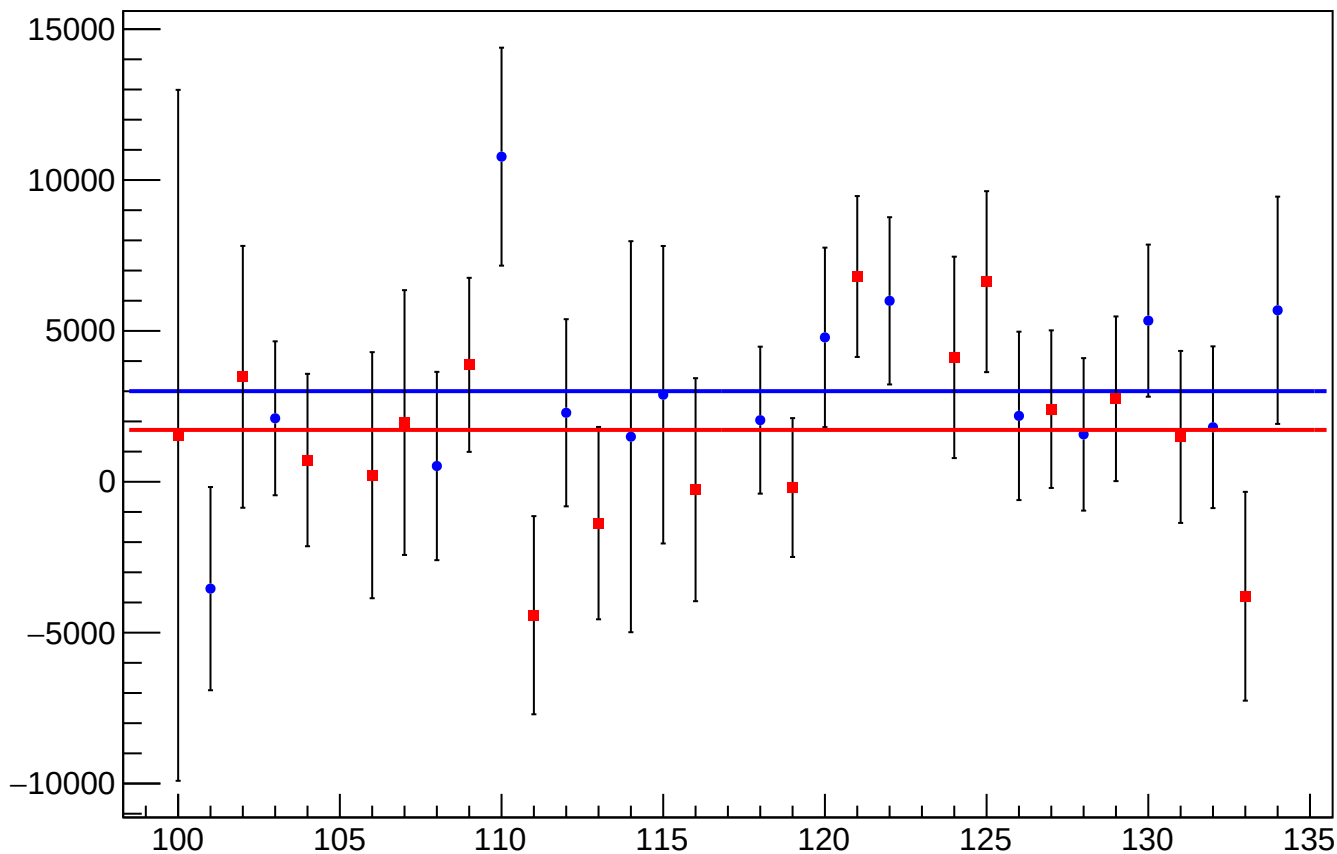
Right: 1781.867+/-0.475 χ^2/NDF : 11579184.2/31

In: 2086.490+/-0.780 χ^2/NDF : 5048345.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.867+/-0.475 χ^2/NDF : 11579184.2/31

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3003.387+/-777.453 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.700+/-767.346 χ^2/NDF : 16.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

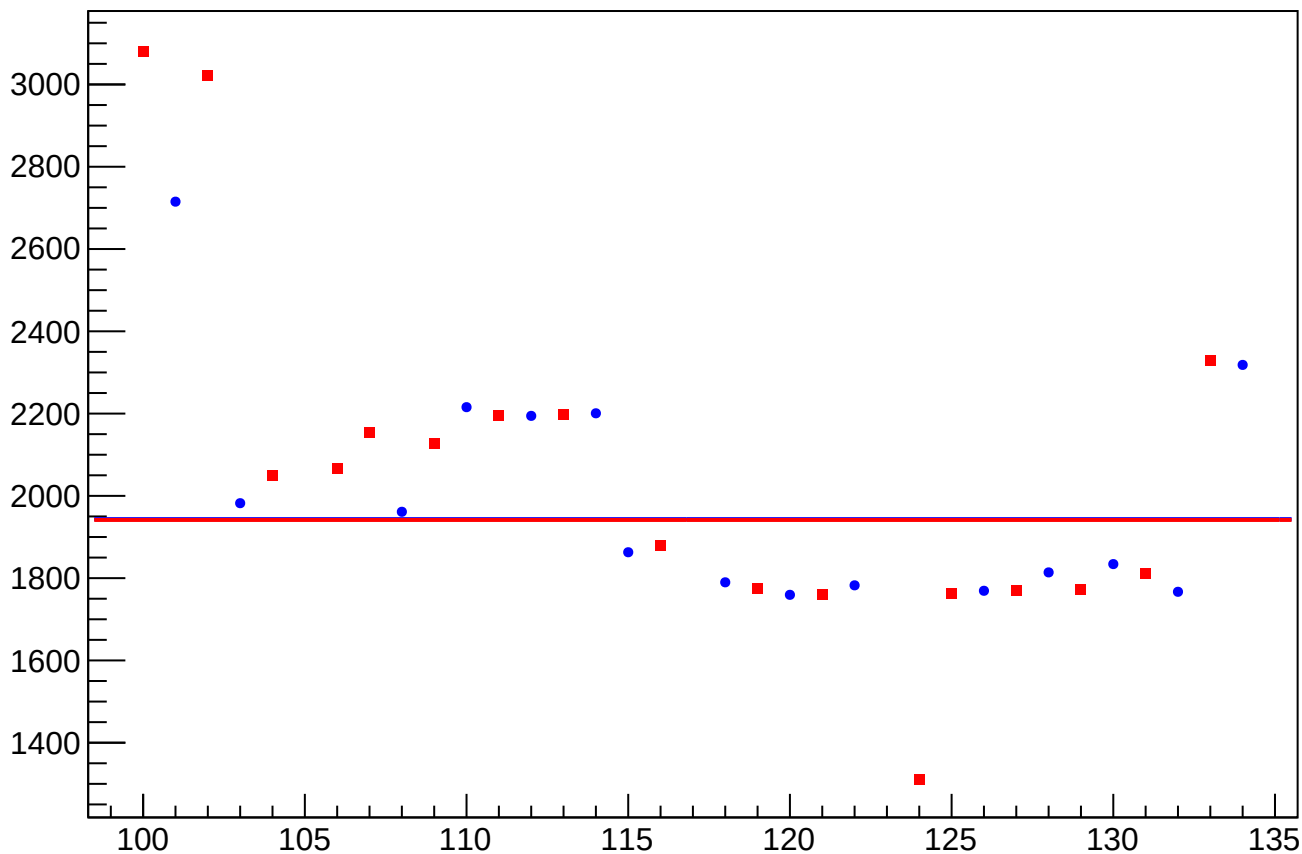
Right: 2352.639+/-546.134 χ^2/NDF : 30.3/31

In: 3003.387+/-777.453 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.639+/-546.134 χ^2/NDF : 30.3/31

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1943.442+/-0.550 χ^2/NDF : 201378.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.500+/-0.542 χ^2/NDF : 331030.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

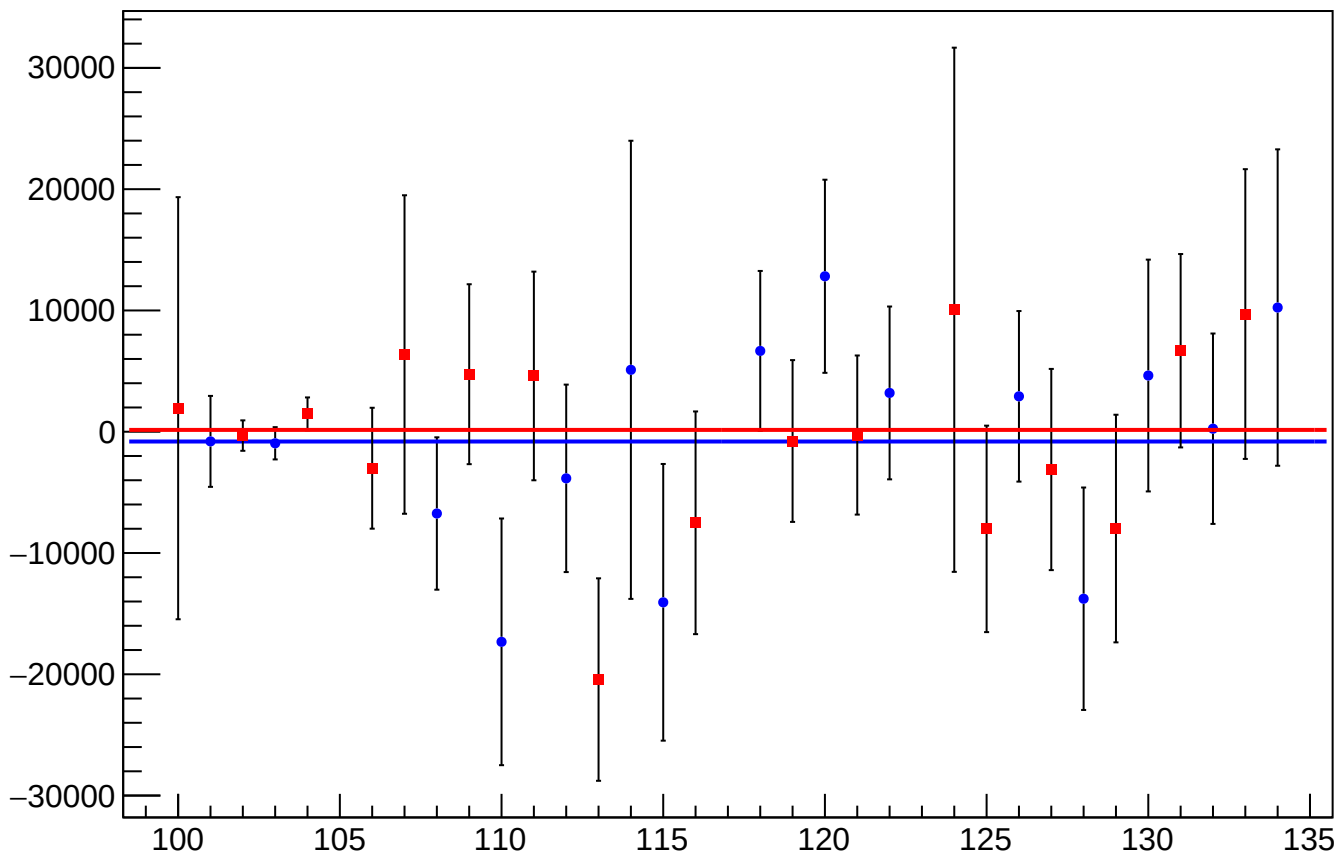
Right: 1942.457+/-0.386 χ^2/NDF : 532415.3/31

In: 1943.442+/-0.550 χ^2/NDF : 201378.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.457+/-0.386 χ^2/NDF : 532415.3/31

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -806.034 $\pm$ 1102.979 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.401 $\pm$ 846.483 χ^2 /NDF: 12.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

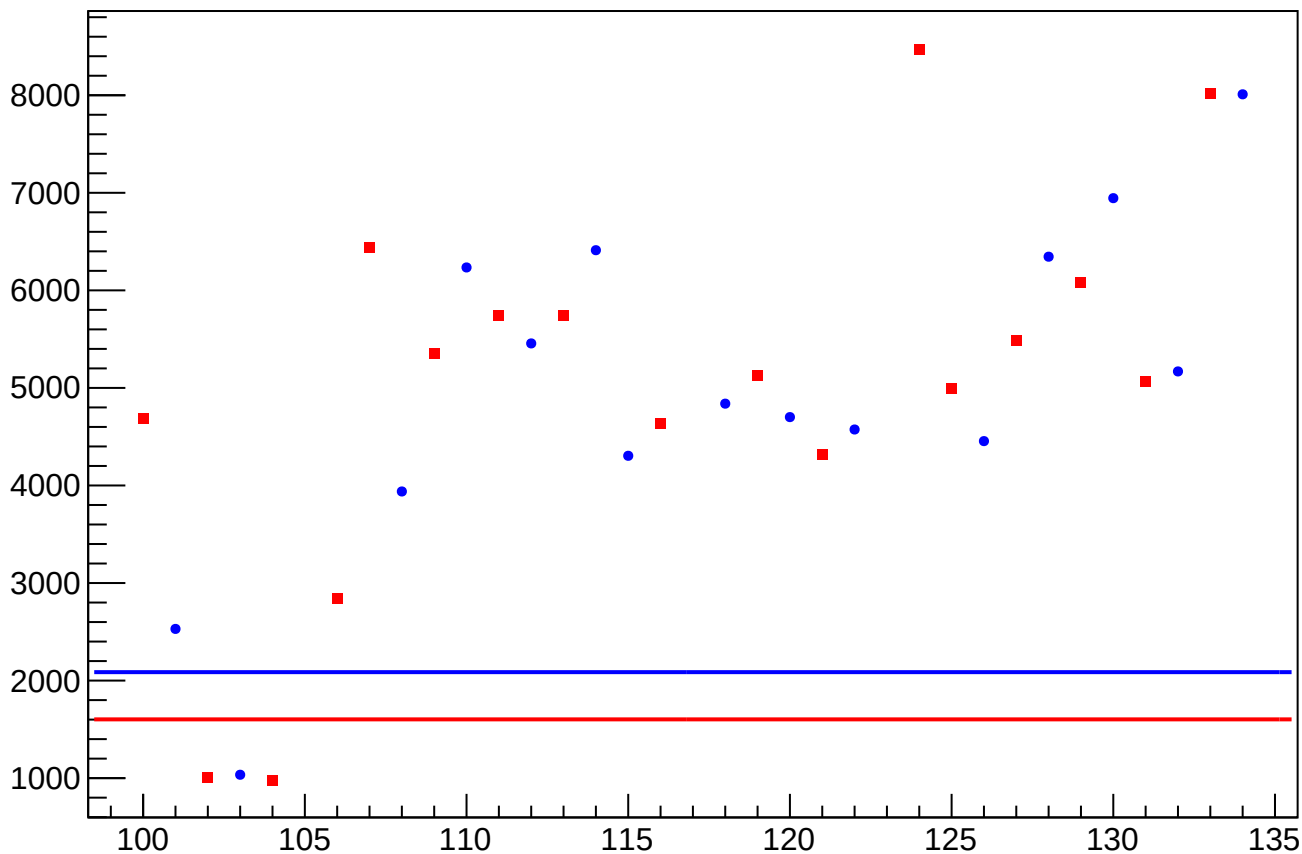
Right: -204.117 $\pm$ 671.520 χ^2 /NDF: 26.0/31

In: -806.034 $\pm$ 1102.979 χ^2 /NDF:13.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -204.117 $\pm$ 671.520 χ^2 /NDF: 26.0/31

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2086.490+/-0.780 χ^2/NDF : 5048334.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1602.450+/-0.599 χ^2/NDF : 6288425.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

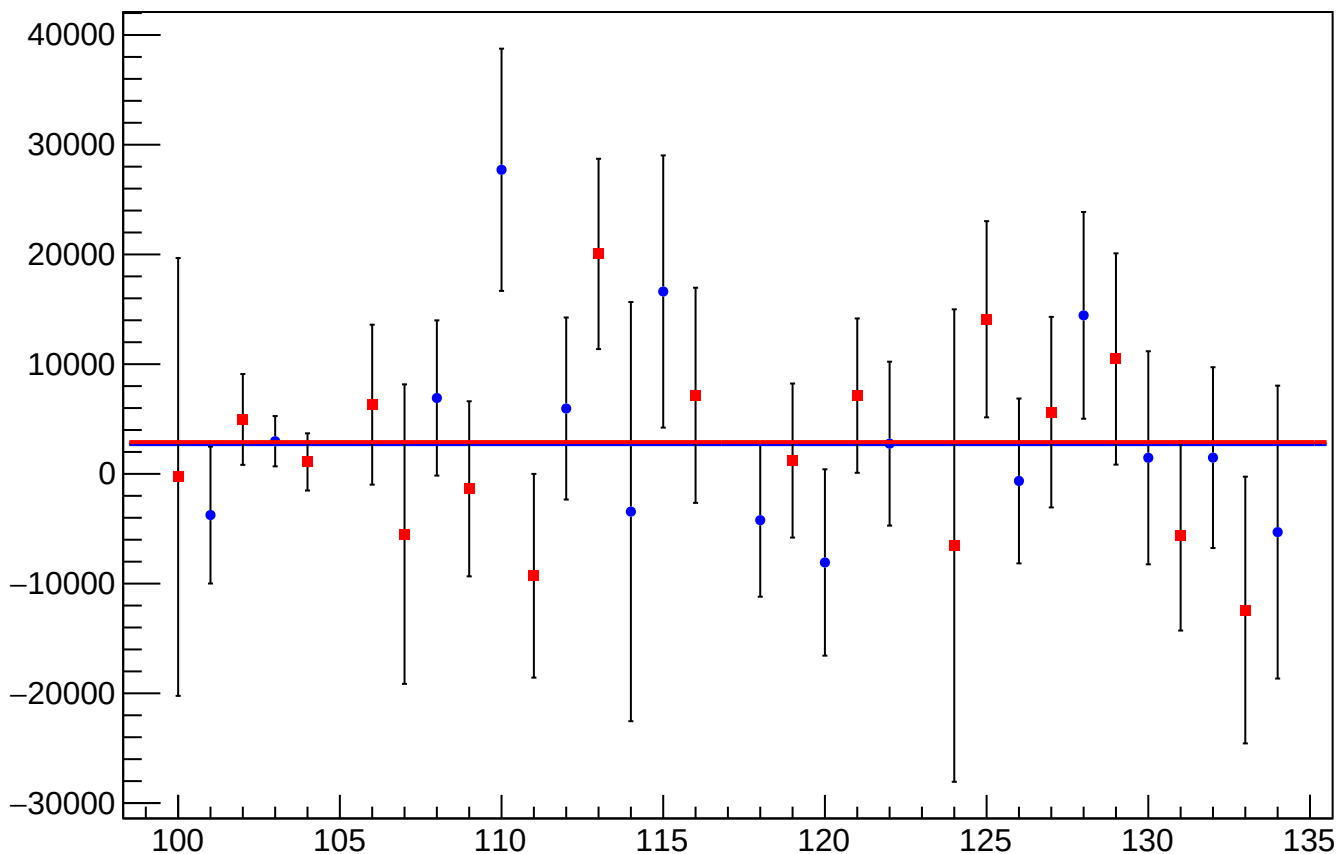
Right: 1781.867+/-0.475 χ^2/NDF : 11579163.5/31

In: 2086.490+/-0.780 χ^2/NDF :5048334.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1781.867+/-0.475 χ^2/NDF : 11579163.5/31

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2712.558+/-1621.566 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2897.691+/-1616.492 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

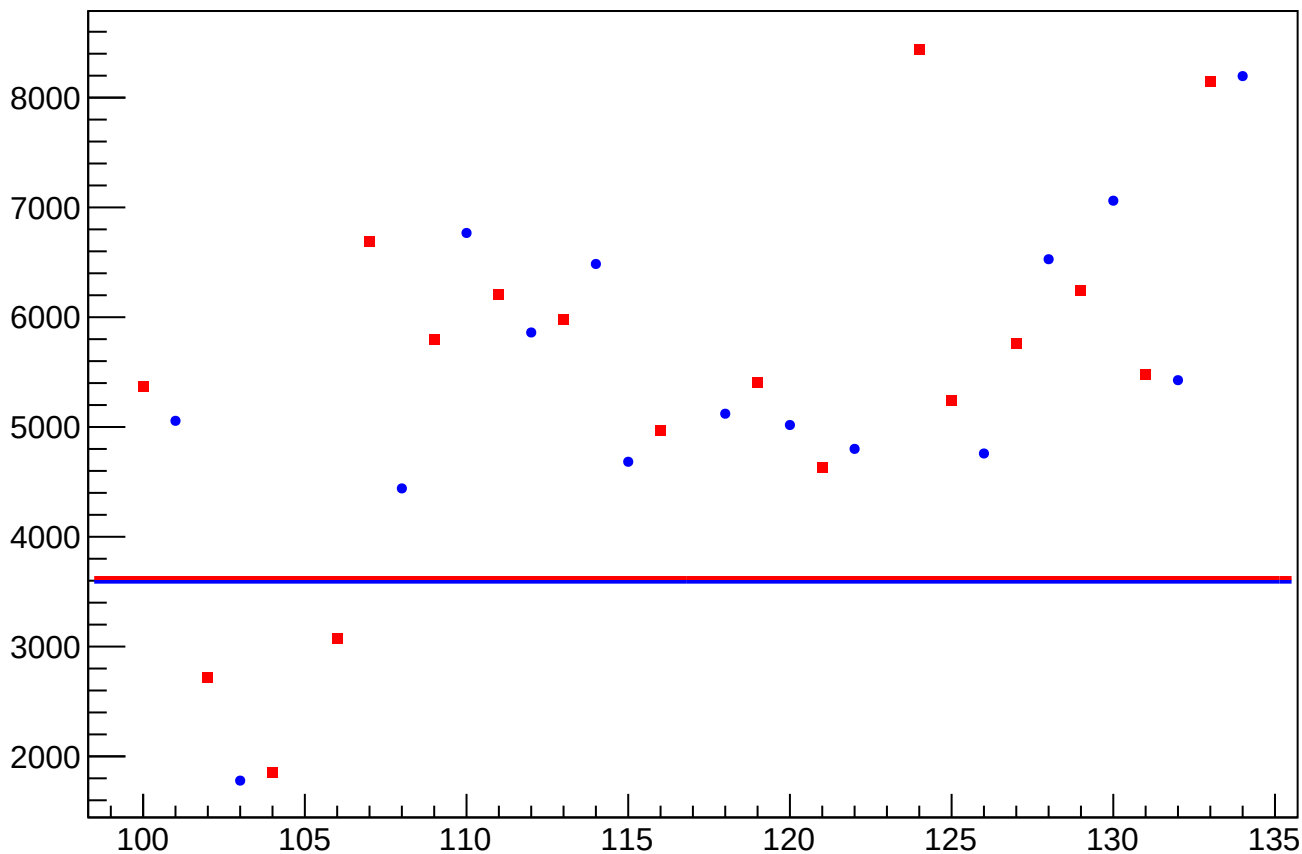
Right: 2805.415+/-1144.822 χ^2/NDF : 25.8/31

In: 2712.558+/-1621.566 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2805.415+/-1144.822 χ^2/NDF : 25.8/31

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3591.433+/-1.147 χ^2/NDF : 2806639.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3624.602+/-1.131 χ^2/NDF : 2616588.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

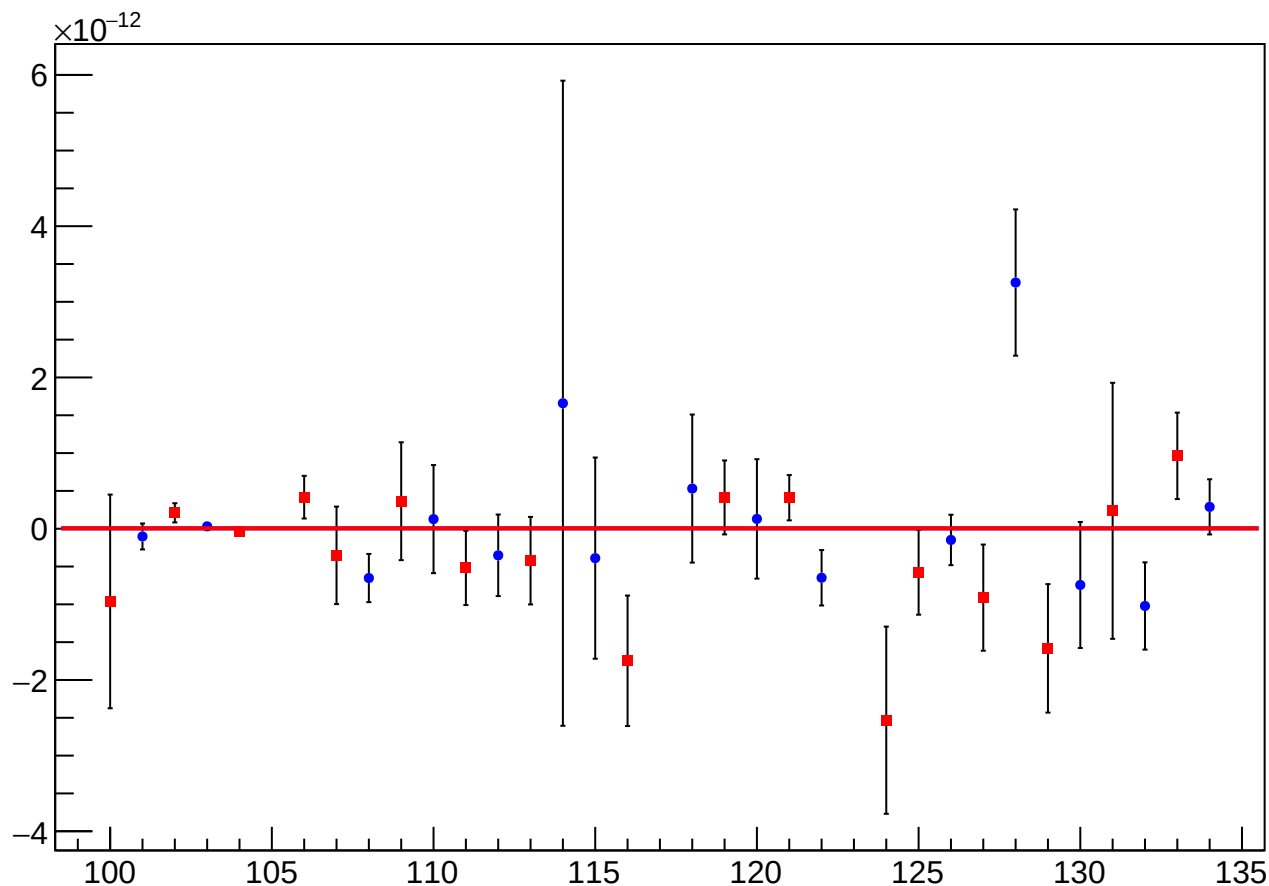
Right: 3608.250+/-0.805 χ^2/NDF : 5423653.0/31

In: 3591.433+/-1.147 χ^2/NDF : 2806639.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.250+/-0.805 χ^2/NDF : 5423653.0/31

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

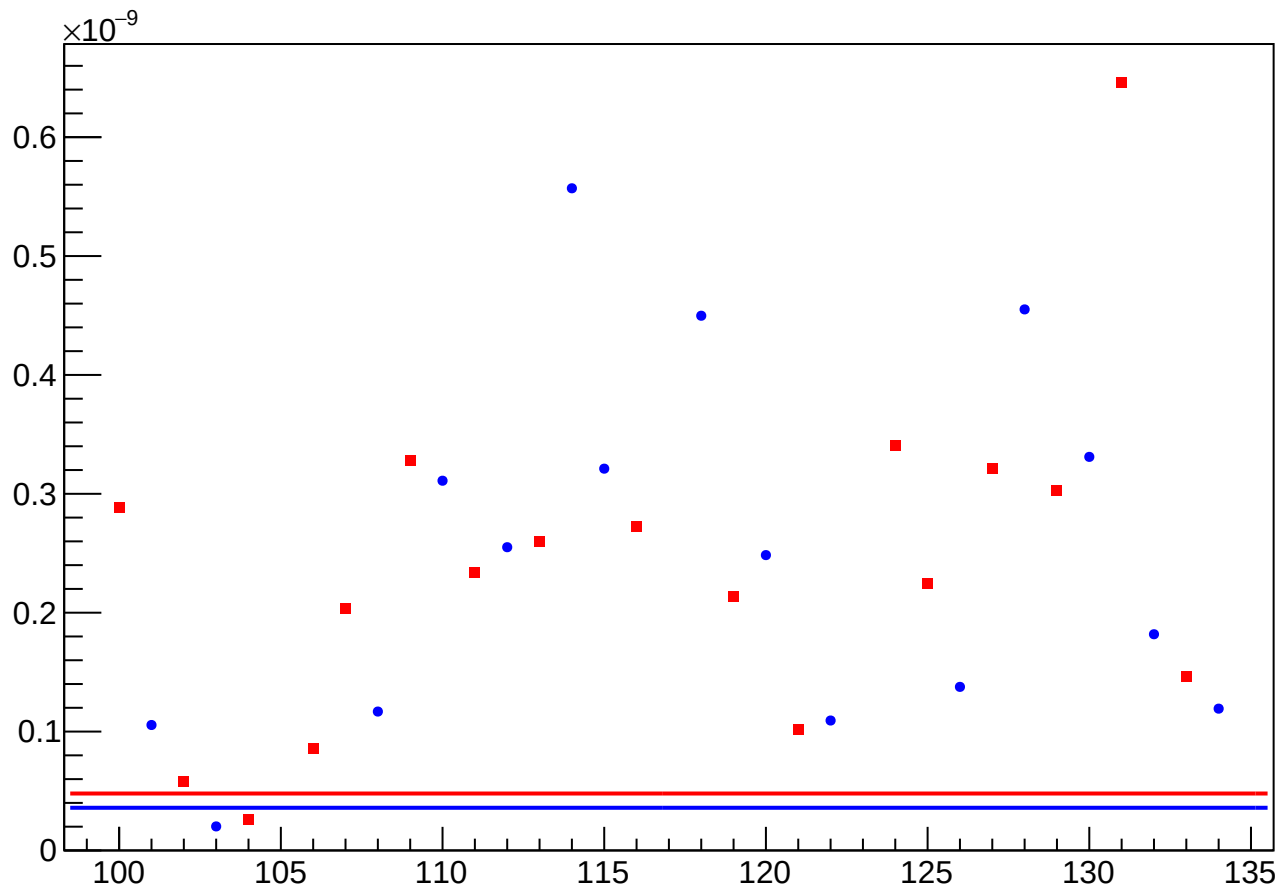
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 53.2/31

In: 0.000 $\pm$ 0.000 χ^2 /NDF:25.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 53.2/31

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3112642.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2888035.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

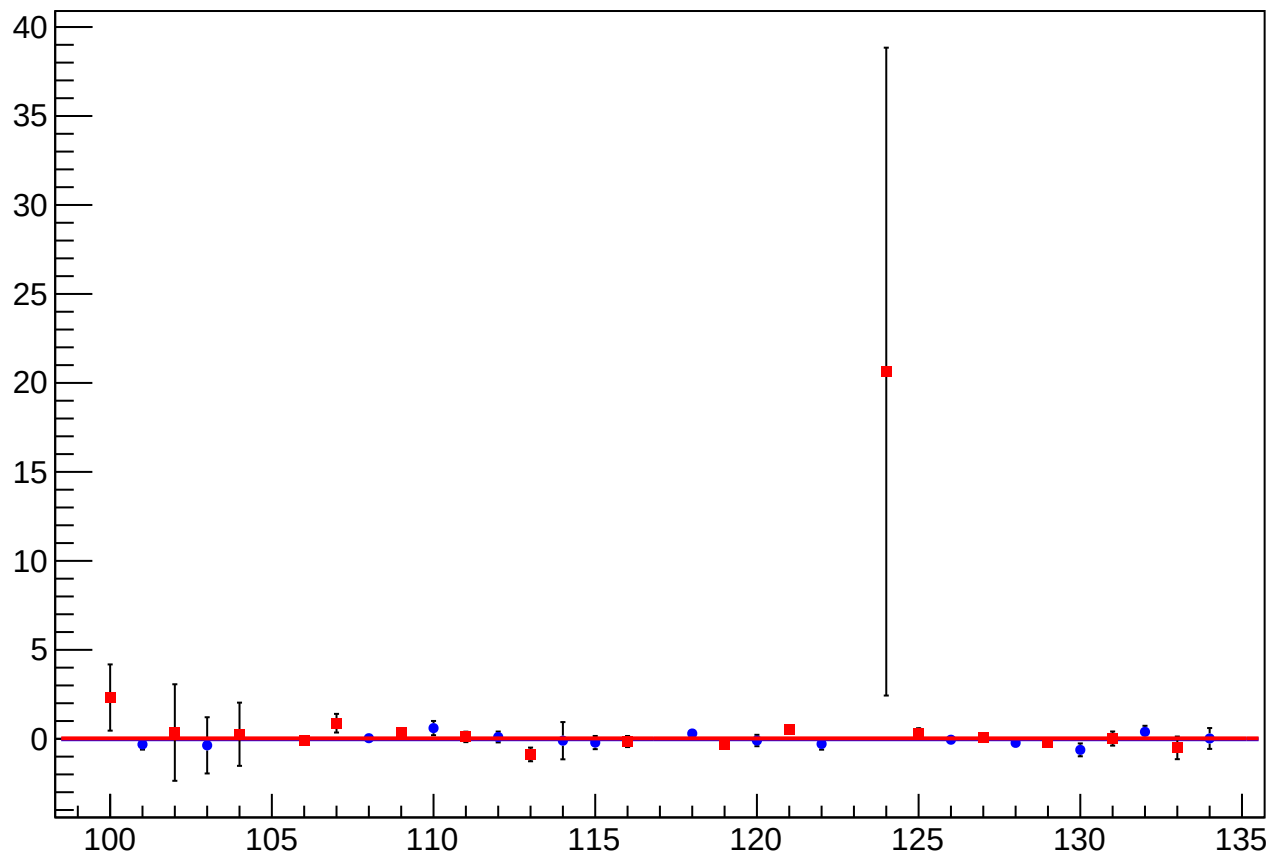
Right: 0.000+/-0.000 χ^2/NDF : 6075910.2/31

In: 0.000+/-0.000 χ^2/NDF : 3112642.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6075910.2/31

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.083 χ^2/NDF : 20.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

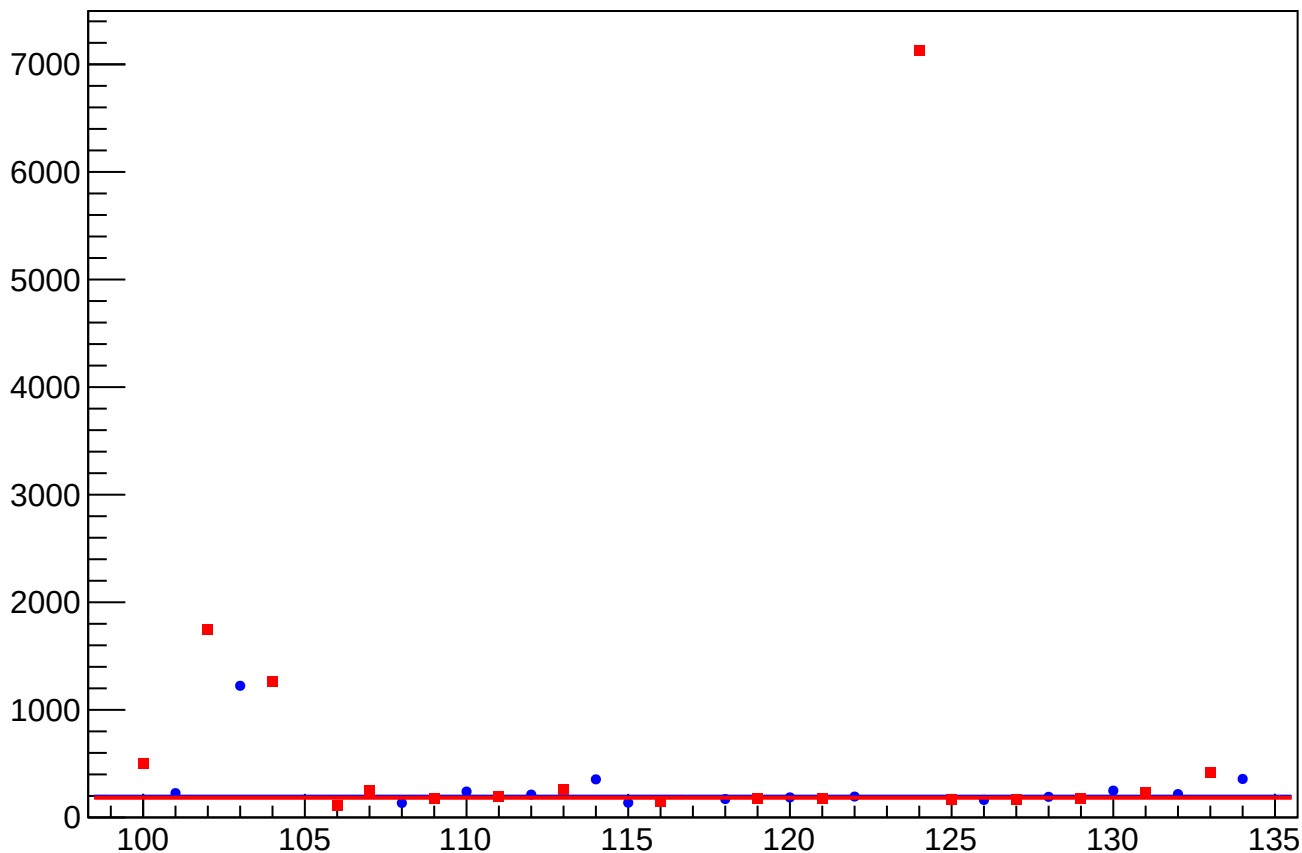
Right: 0.002 ± 0.059 χ^2/NDF : 32.4/31

In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.059 χ^2/NDF : 32.4/31

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.321+/-0.059 χ^2/NDF : 1408386.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.215+/-0.058 χ^2/NDF : 2414378.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

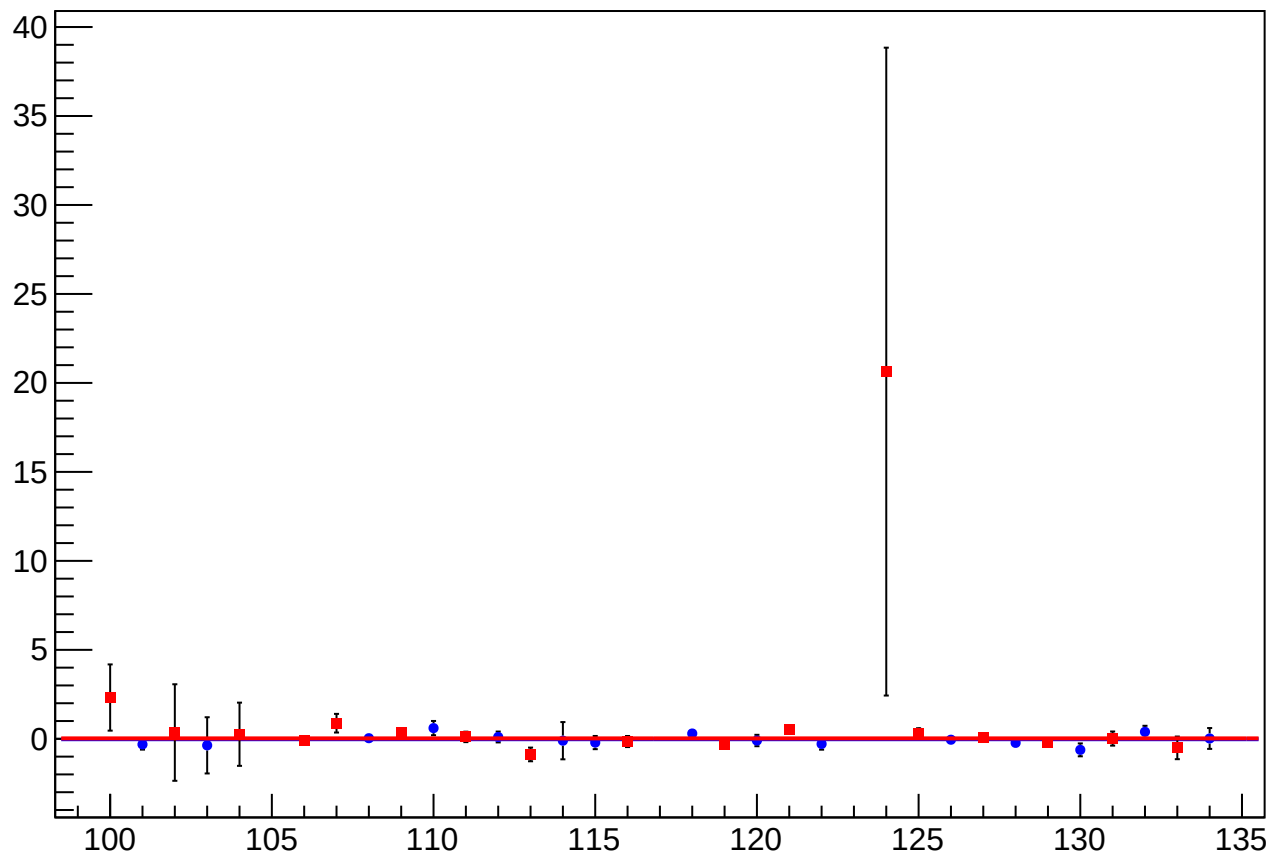
Right: 188.190+/-0.042 χ^2/NDF : 3837523.8/31

In: 193.321+/-0.059 χ^2/NDF : 1408386.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.190+/-0.042 χ^2/NDF : 3837523.8/31

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.083 χ^2/NDF : 20.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

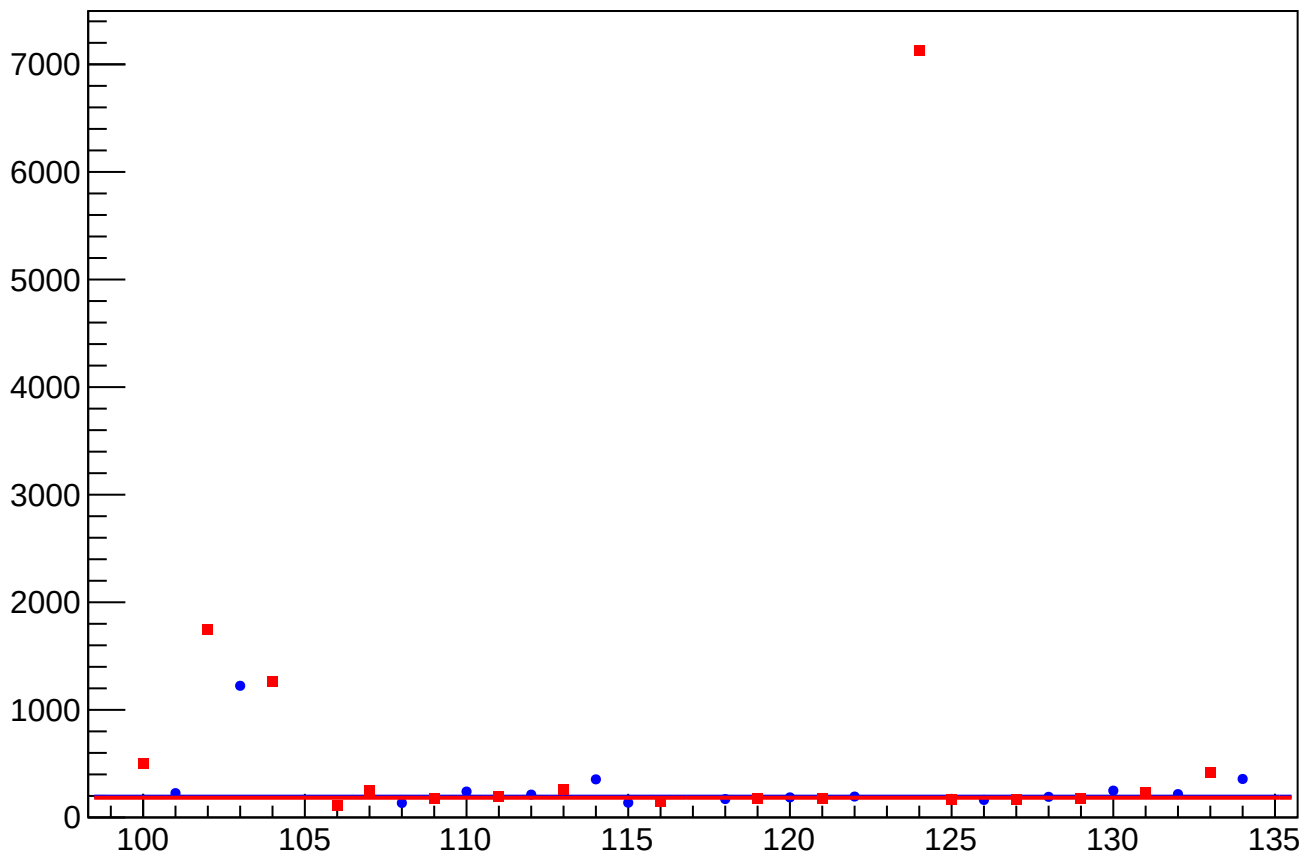
Right: 0.002 ± 0.059 χ^2/NDF : 32.4/31

In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.059 χ^2/NDF : 32.4/31

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.321+/-0.059 χ^2/NDF : 1408386.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.215+/-0.058 χ^2/NDF : 2414378.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

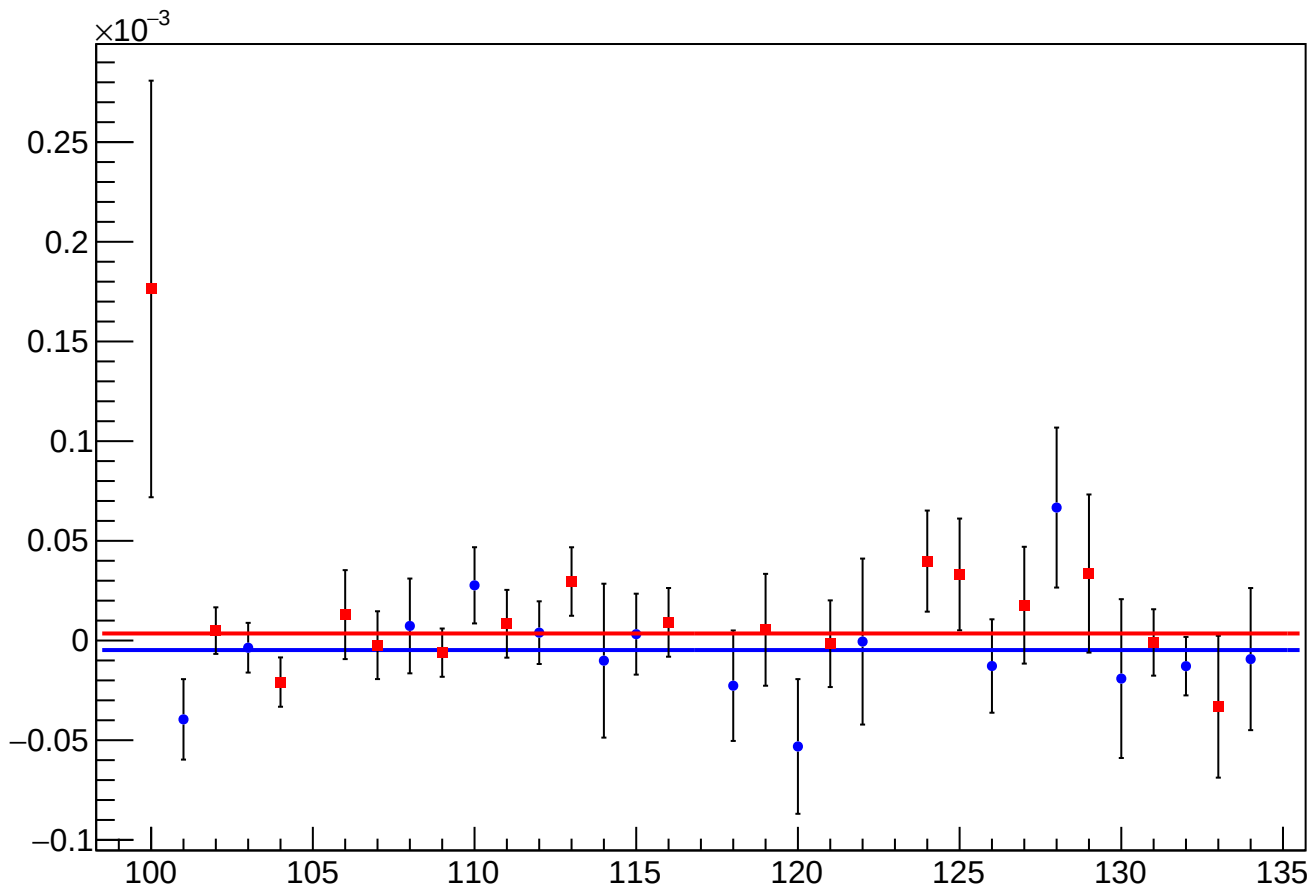
Right: 188.190+/-0.042 χ^2/NDF : 3837523.8/31

In: 193.321+/-0.059 χ^2/NDF : 1408386.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.190+/-0.042 χ^2/NDF : 3837523.8/31

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

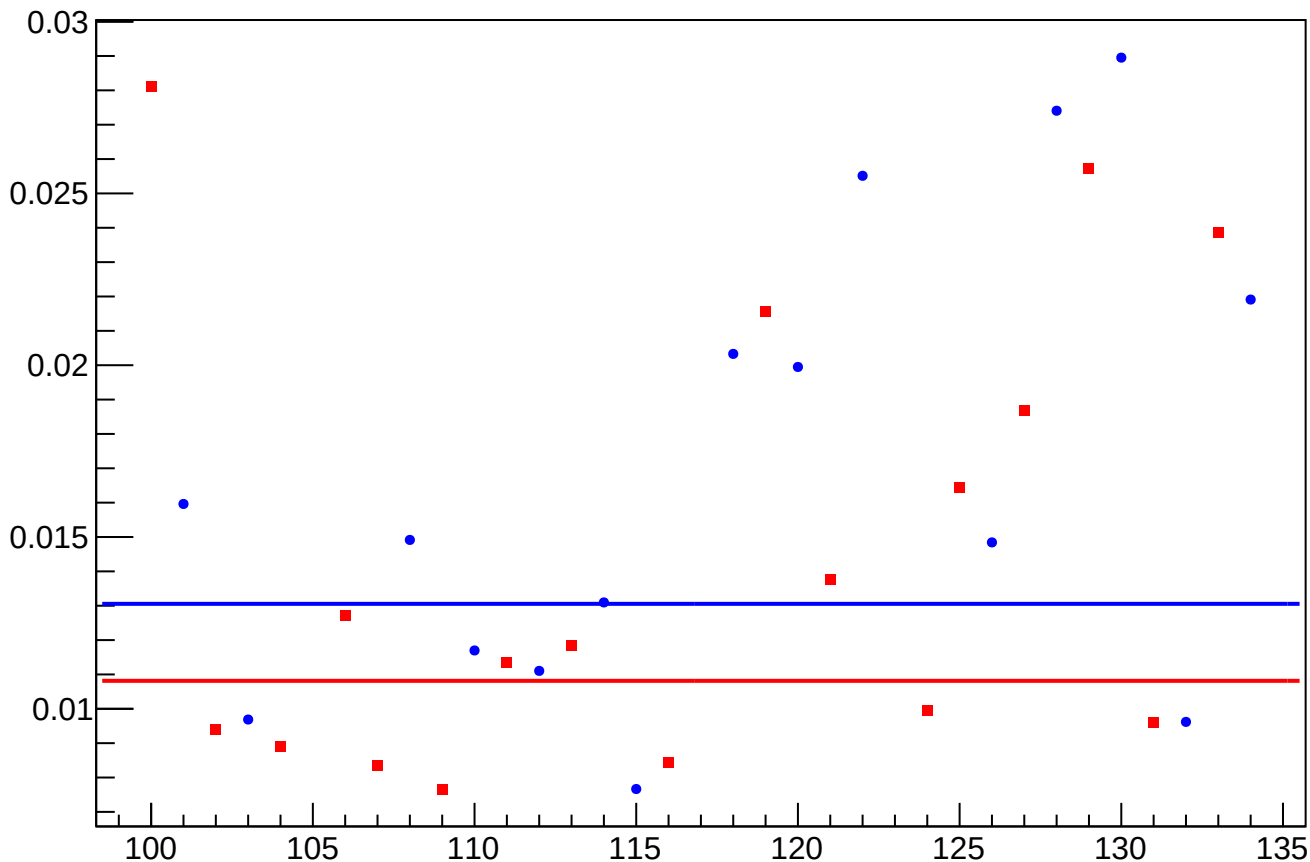
Right: 0.000+/-0.000 χ^2/NDF : 29.4/31

In: -0.000+/-0.000 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/31

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 1601160.5/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000

χ^2/NDF : 1492720.1/16

Left 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 : 3287366.0/31

In: 0.013+/-0.000

χ^2/NDF : 1601160.5/14

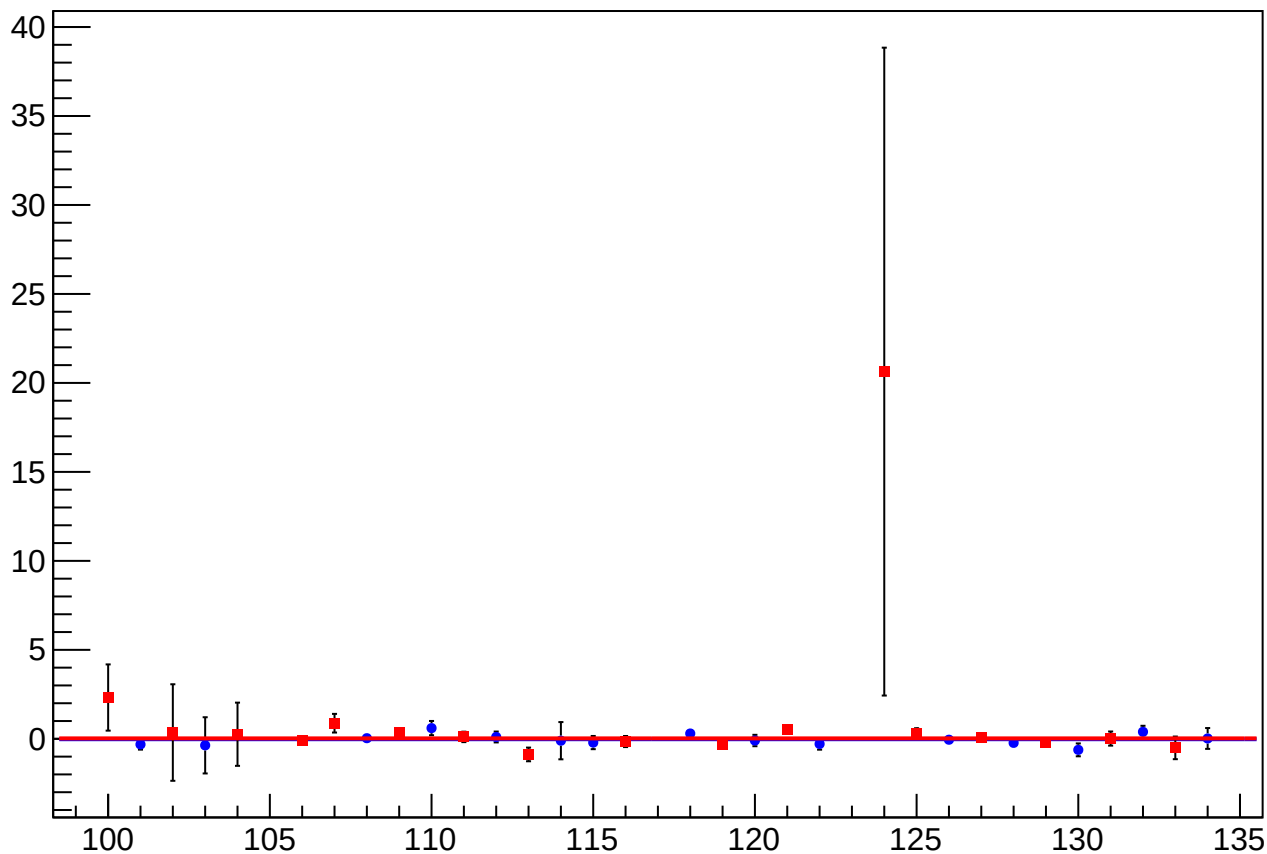
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 3287366.0/31

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.083 χ^2/NDF : 20.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

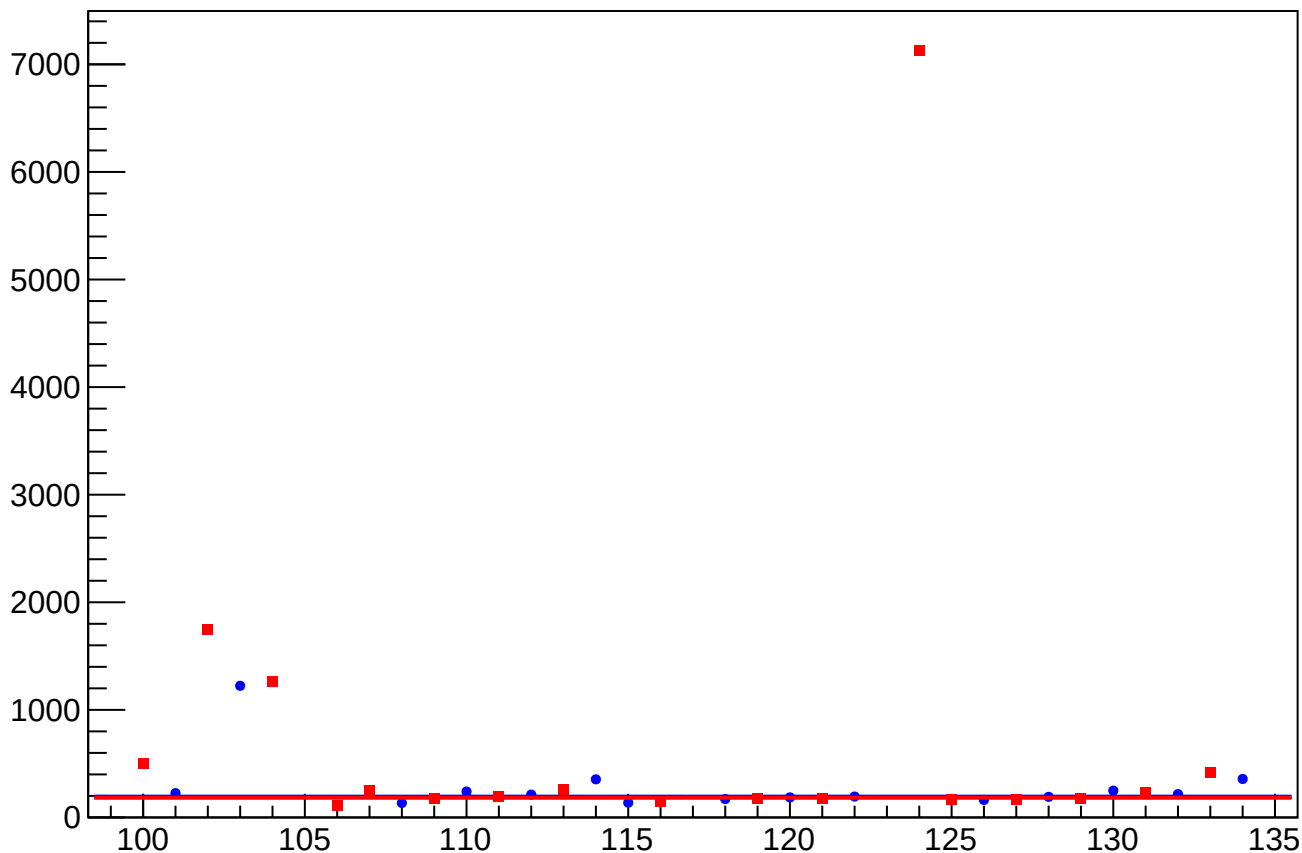
Right: 0.002 ± 0.059 χ^2/NDF : 32.4/31

In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.059 χ^2/NDF : 32.4/31

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.318+/-0.059 χ^2/NDF : 1408380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.212+/-0.058 χ^2/NDF : 2414396.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

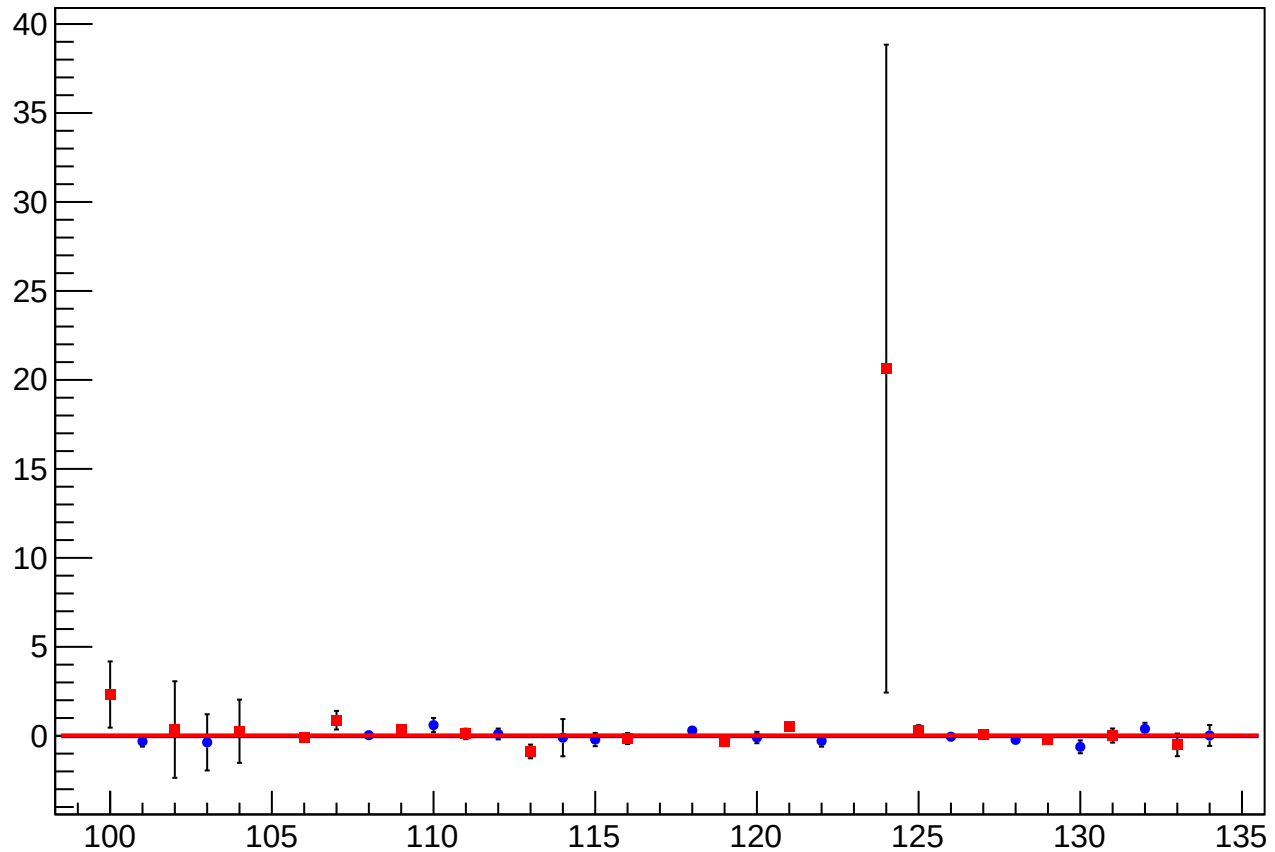
Right: 188.187+/-0.042 χ^2/NDF : 3837536.2/31

In: 193.318+/-0.059 χ^2/NDF : 1408380.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.187+/-0.042 χ^2/NDF : 3837536.2/31

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.084 χ^2 /NDF: 11.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.083 χ^2 /NDF: 20.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

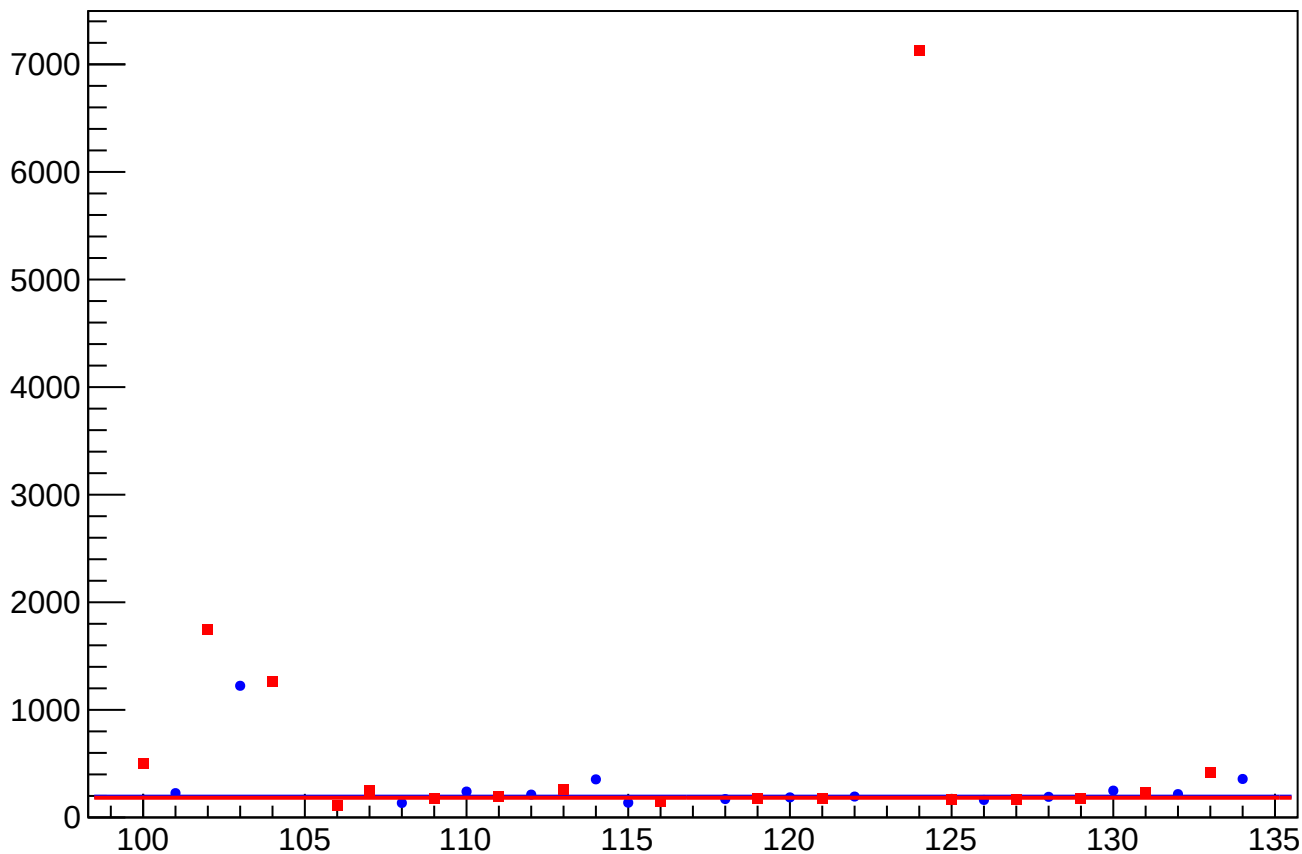
Right: 0.002 $\pm$ 0.059 χ^2 /NDF: 32.4/31

In: -0.021 $\pm$ 0.084 χ^2 /NDF:11.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.059 χ^2 /NDF: 32.4/31

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.318+/-0.059 χ^2/NDF : 1408380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.212+/-0.058 χ^2/NDF : 2414396.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

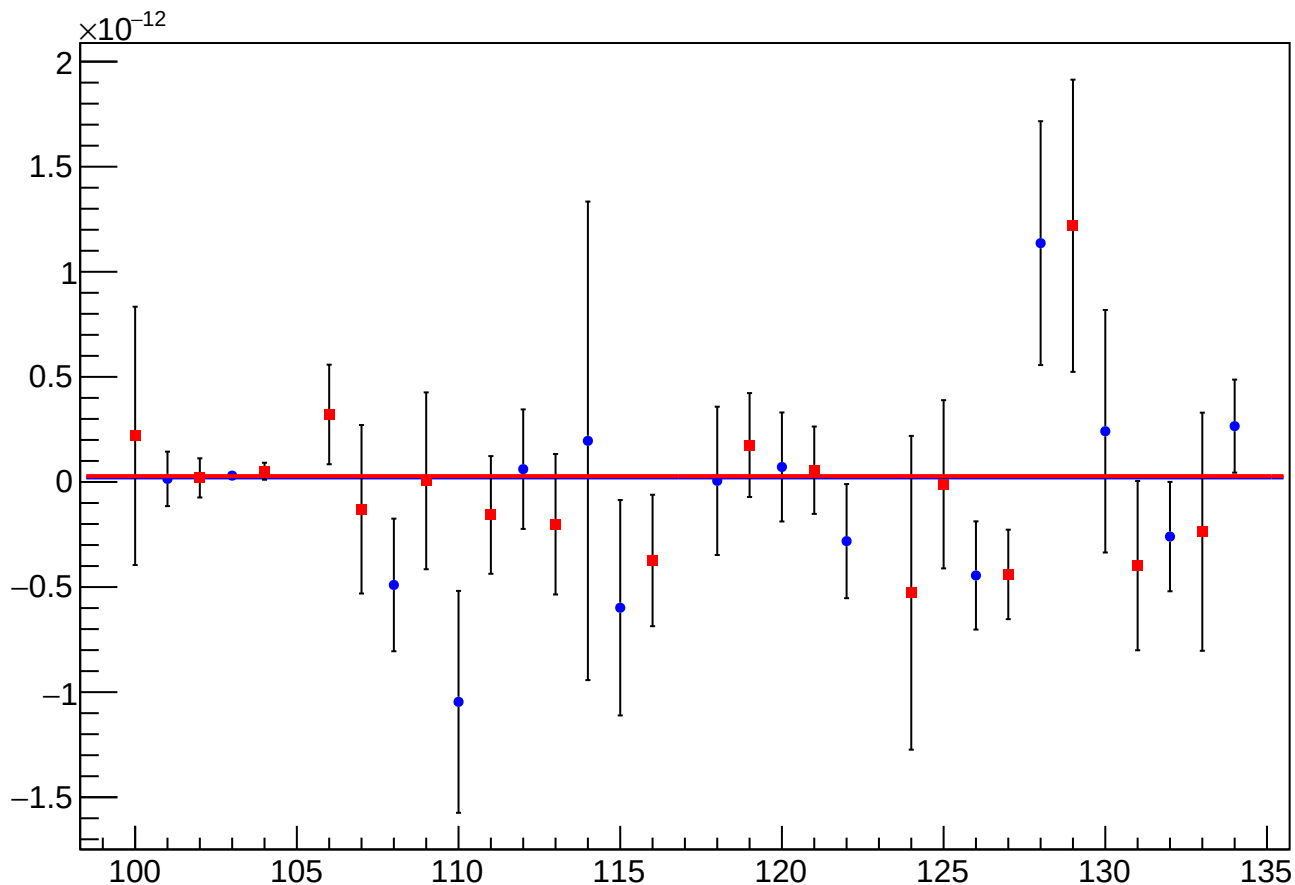
Right: 188.187+/-0.042 χ^2/NDF : 3837536.2/31

In: 193.318+/-0.059 χ^2/NDF : 1408380.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.187+/-0.042 χ^2/NDF : 3837536.2/31

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

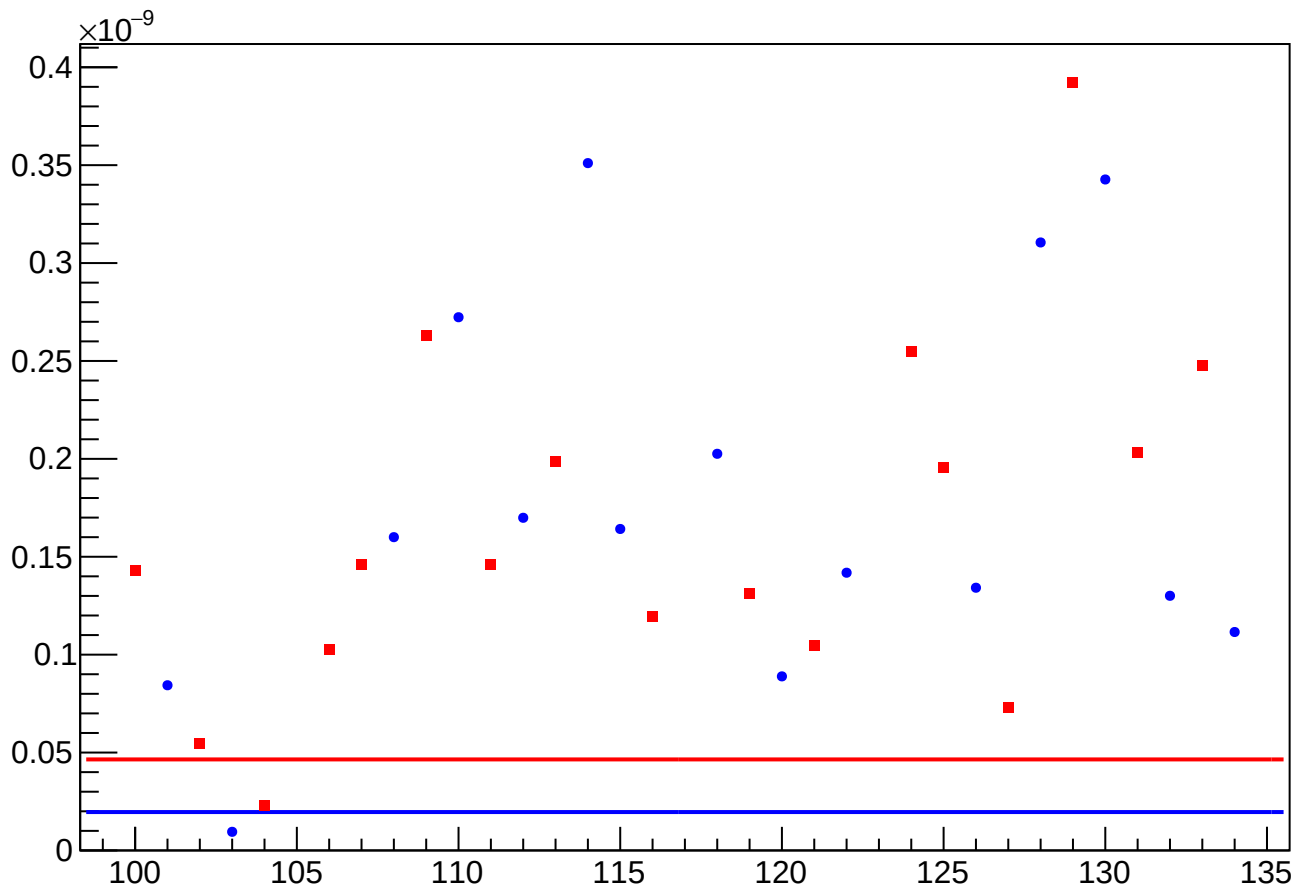
Right: 0.000+/-0.000 χ^2/NDF : 33.9/31

In: 0.000+/-0.000 χ^2/NDF : 19.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.9/31

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5964883.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4181726.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

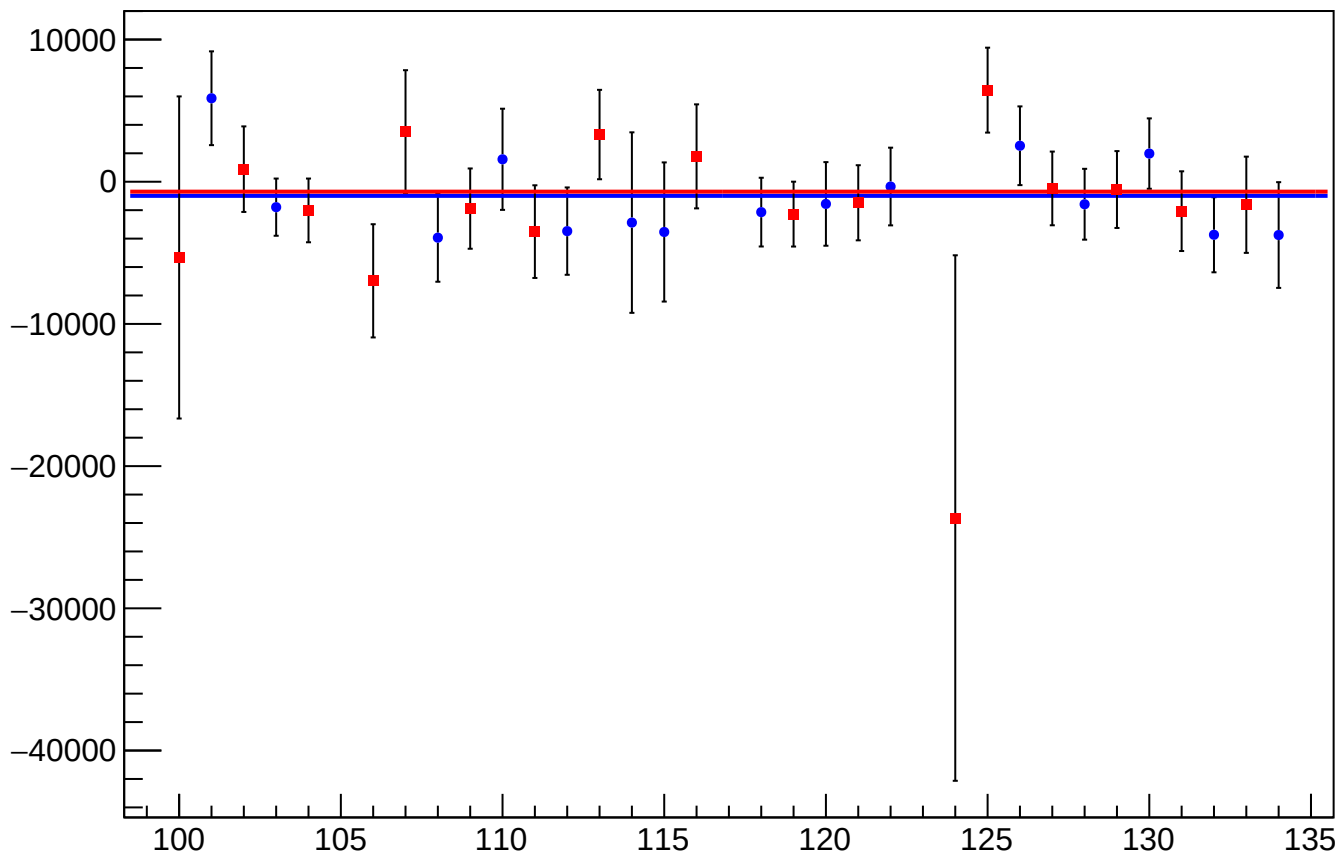
Right: 0.000+/-0.000 χ^2/NDF : 11048659.8/31

In: 0.000+/-0.000 χ^2/NDF : 5964883.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11048659.8/31

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -993.300 ± 748.149 $\chi^2/\text{NDF}: 12.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -697.182 ± 749.364 $\chi^2/\text{NDF}: 15.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

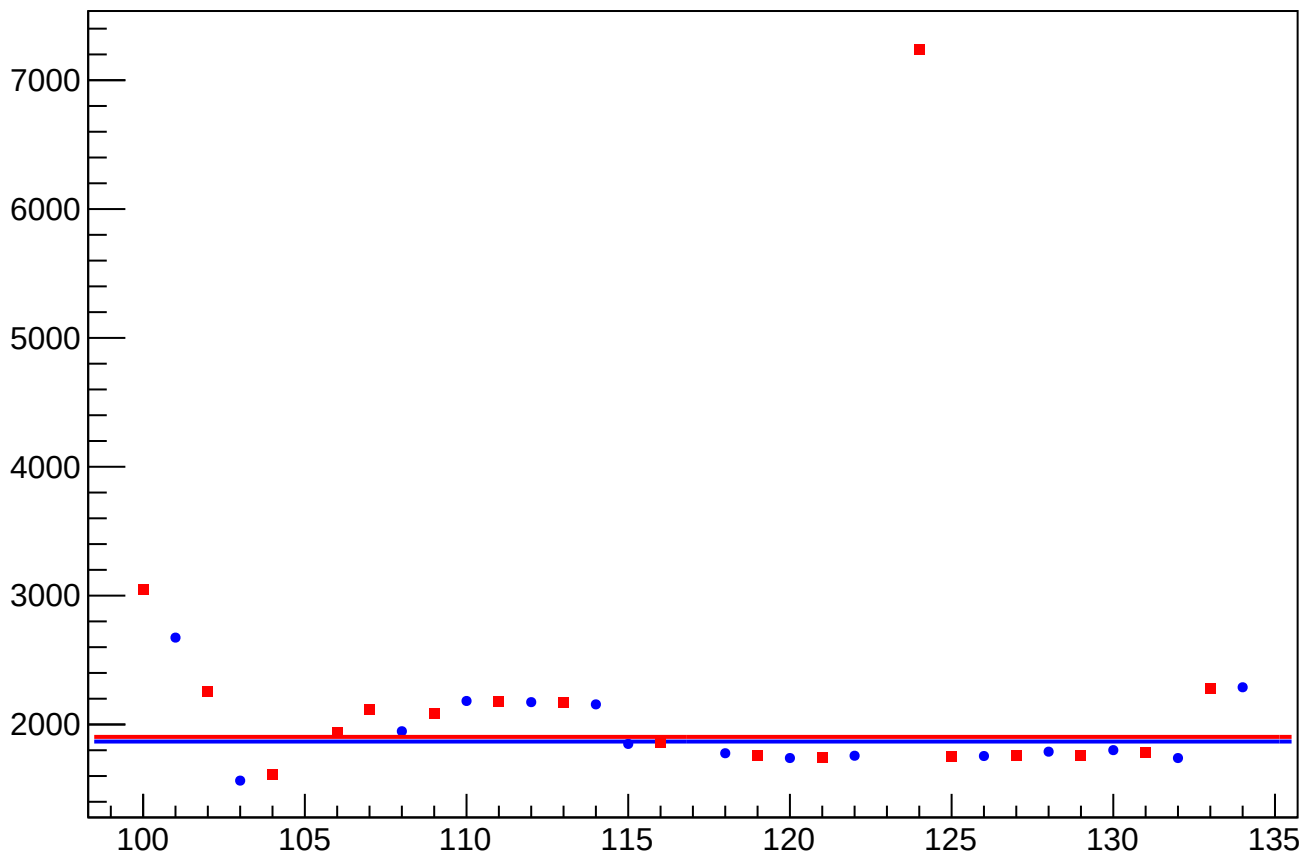
Right: -845.481 ± 529.450 $\chi^2/\text{NDF}: 27.5/31$

In: -993.300 ± 748.149 $\chi^2/\text{NDF}: 12.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -845.481 ± 529.450 $\chi^2/\text{NDF}: 27.5/31$

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1867.628+/-0.529 χ^2/NDF : 253037.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1903.674+/-0.529 χ^2/NDF : 352431.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

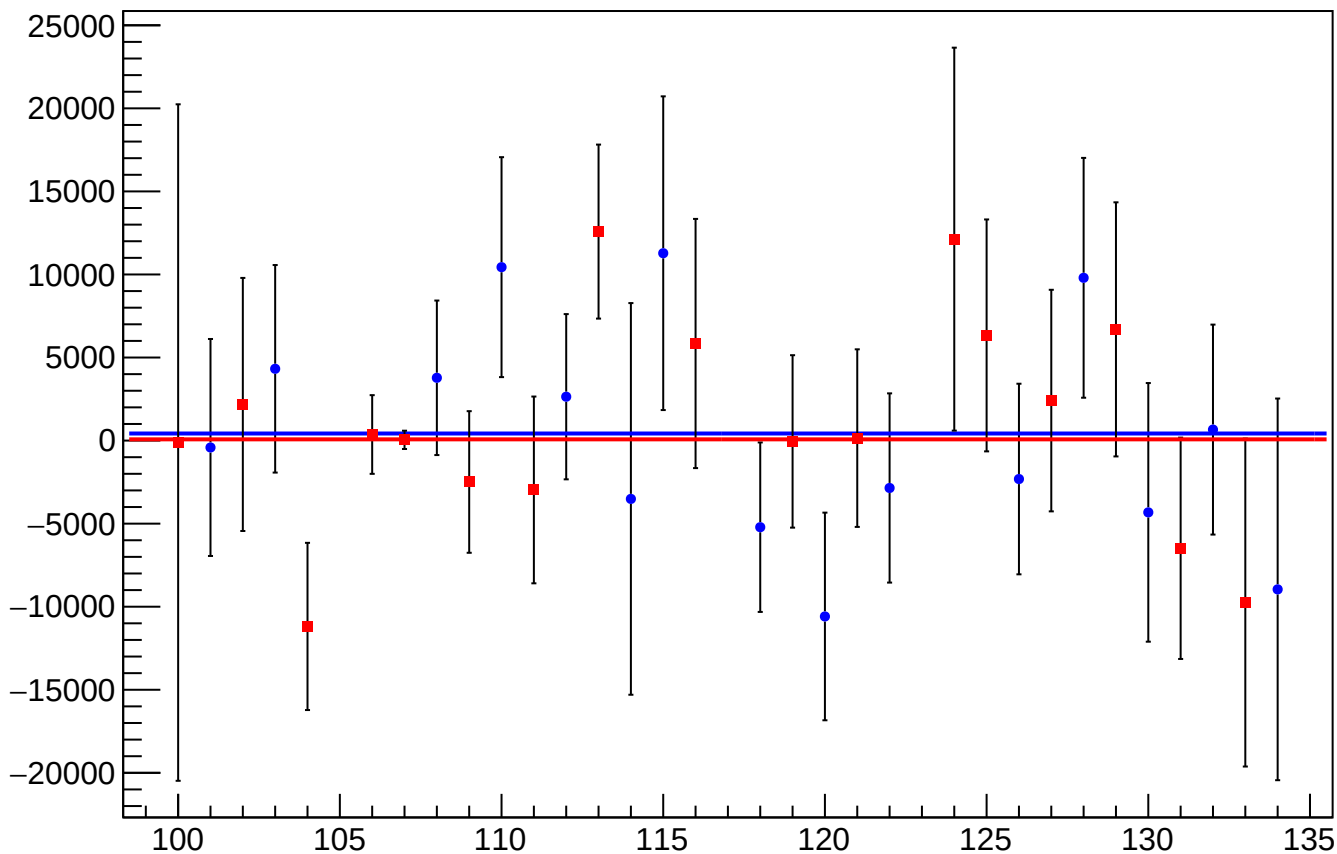
Right: 1885.669+/-0.374 χ^2/NDF : 607792.6/31

In: 1867.628+/-0.529 χ^2/NDF : 253037.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.669+/-0.374 χ^2/NDF : 607792.6/31

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 426.066+/-1642.875 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.440+/-509.527 χ^2/NDF : 16.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

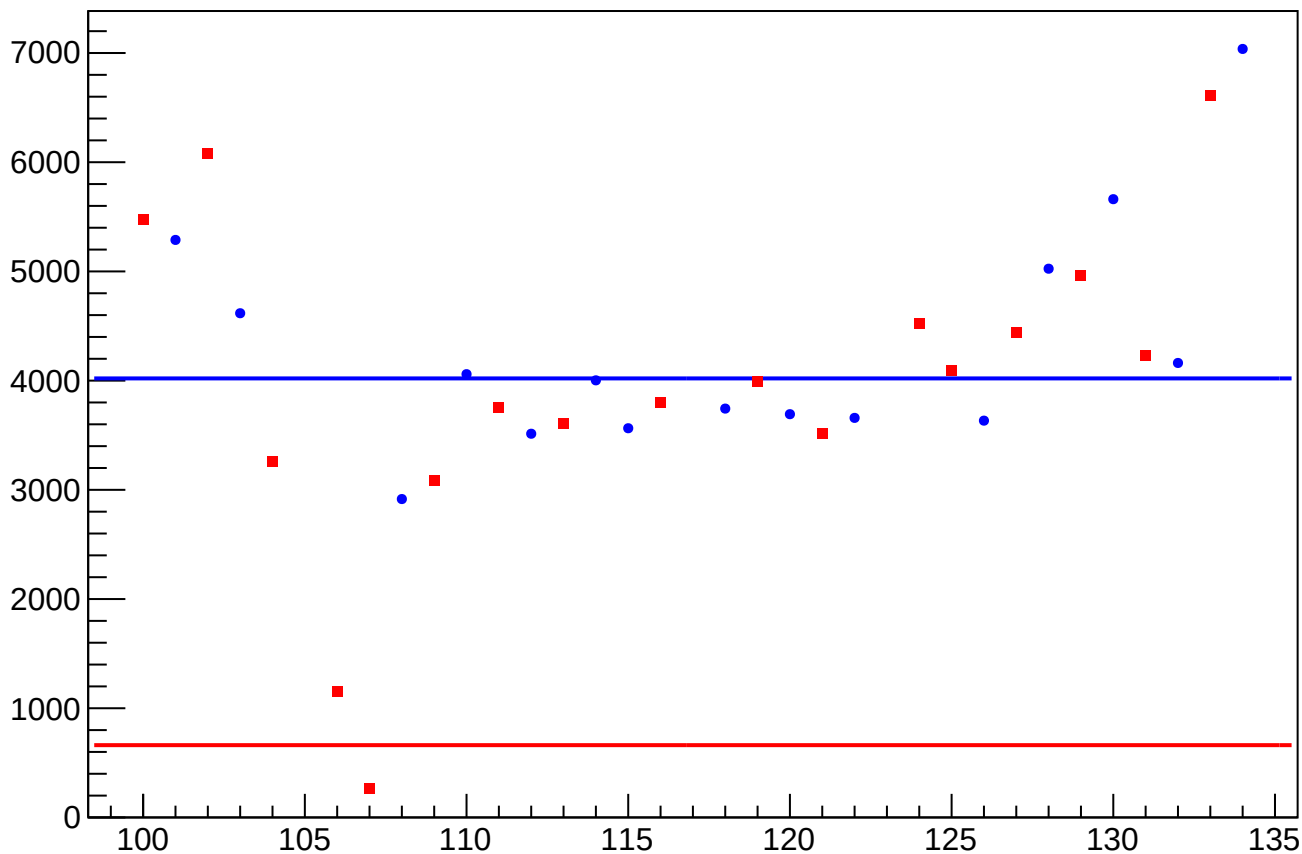
Right: 105.295+/-486.658 χ^2/NDF : 29.3/31

In: 426.066+/-1642.875 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.295+/-486.658 χ^2/NDF : 29.3/31

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4020.260+/-1.162 χ^2/NDF : 527063.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.050+/-0.360 χ^2/NDF : 9697505.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

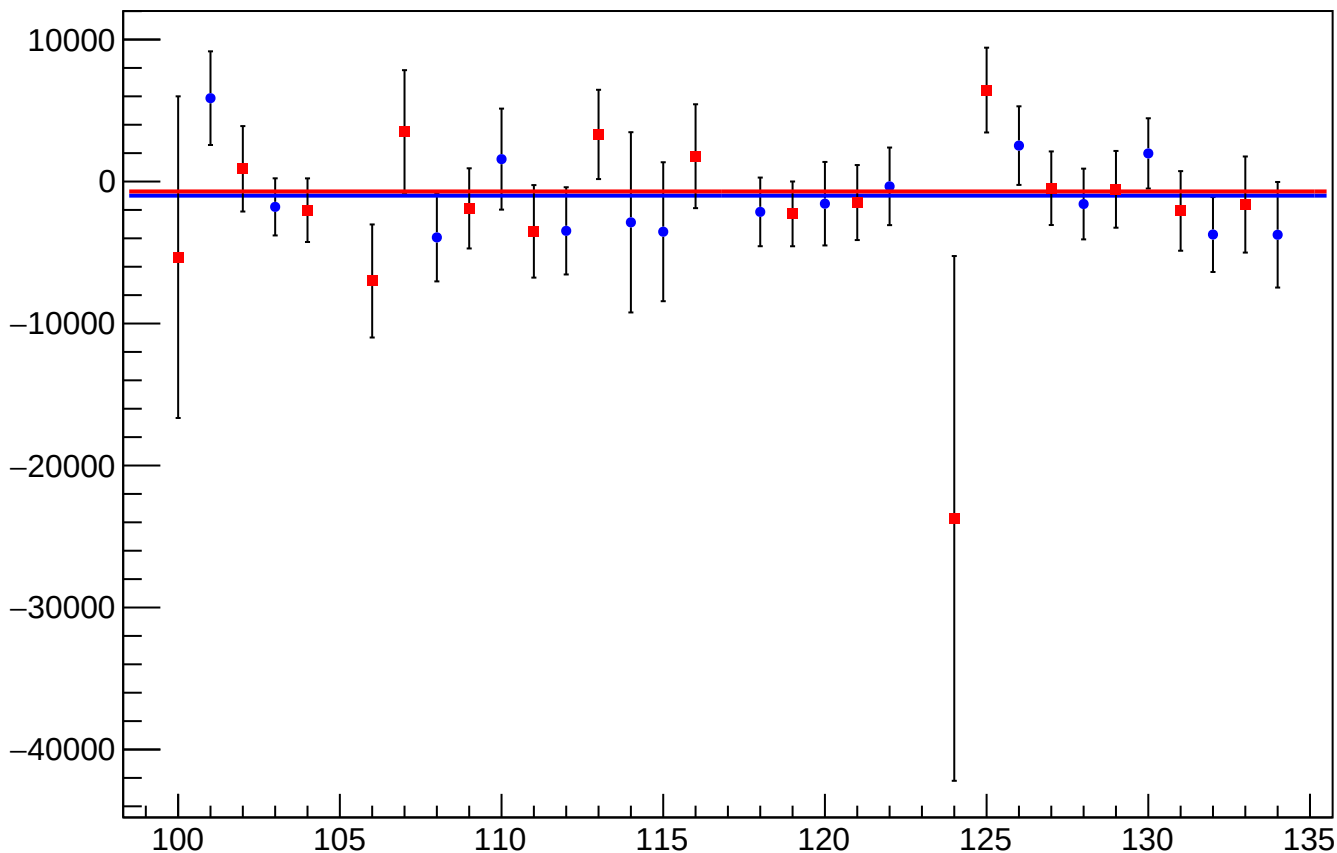
Right: 956.728+/-0.344 χ^2/NDF : 17848015.2/31

In: 4020.260+/-1.162 χ^2/NDF : 527063.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.728+/-0.344 χ^2/NDF : 17848015.2/31

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -992.790+/-748.149 χ^2 /NDF: 12.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -697.728+/-749.366 χ^2 /NDF: 15.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

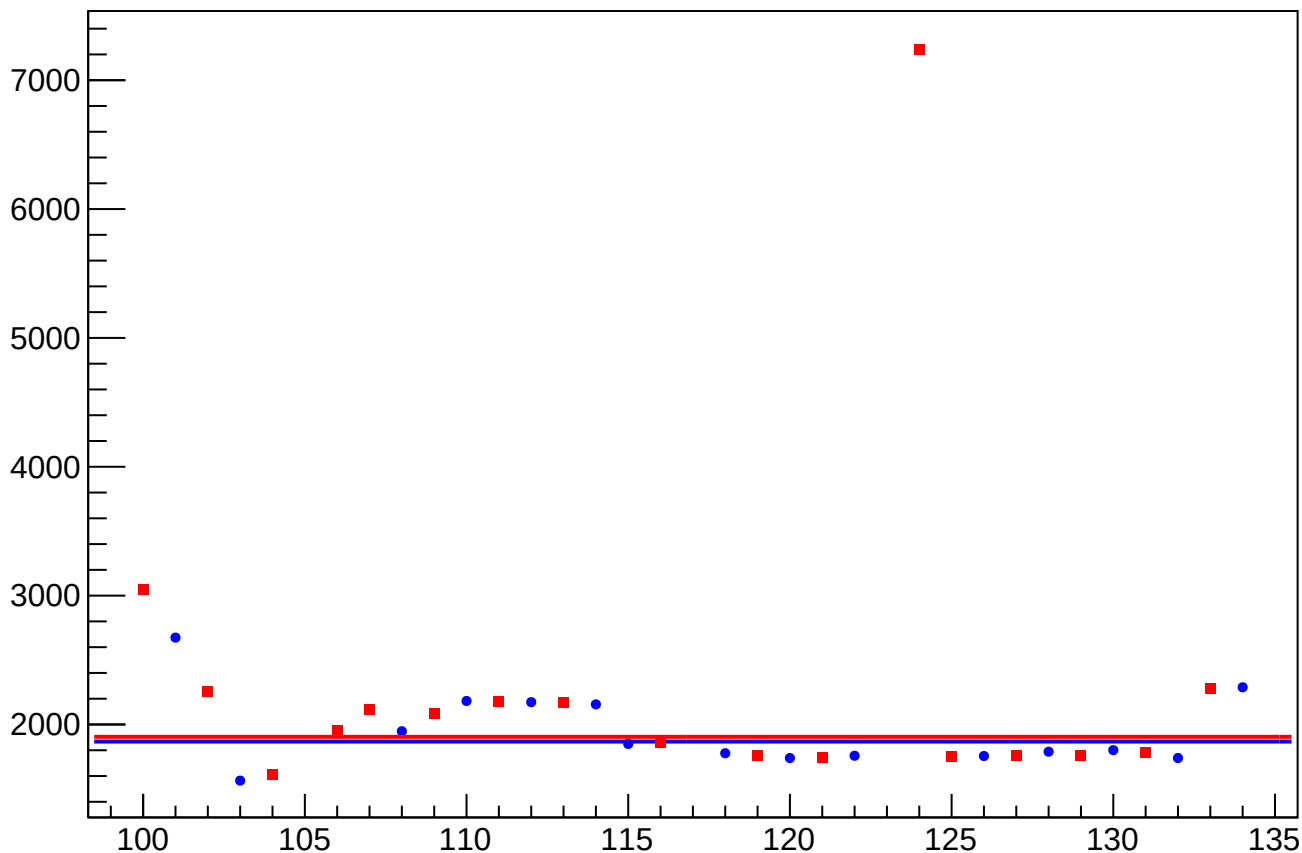
Right: -845.498+/-529.451 χ^2 /NDF: 27.5/31

In: -992.790+/-748.149 χ^2 /NDF:12.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -845.498+/-529.451 χ^2 /NDF: 27.5/31

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1867.629+/-0.529 χ^2/NDF : 253036.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1904.197+/-0.529 χ^2/NDF : 352598.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

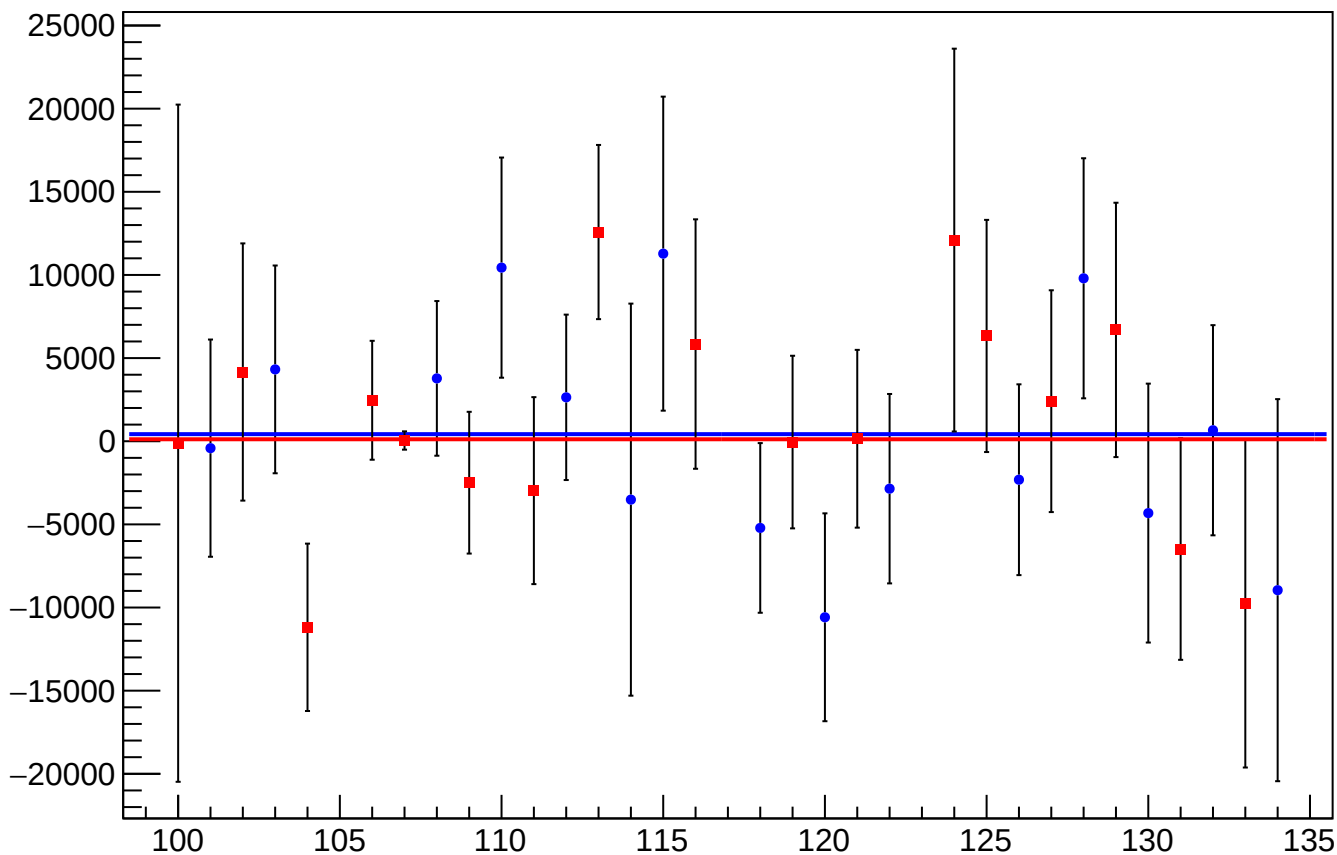
Right: 1885.926+/-0.374 χ^2/NDF : 608025.9/31

In: 1867.629+/-0.529 χ^2/NDF : 253036.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.926+/-0.374 χ^2/NDF : 608025.9/31

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 426.043+/-1642.883 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.378+/-516.276 χ^2/NDF : 17.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

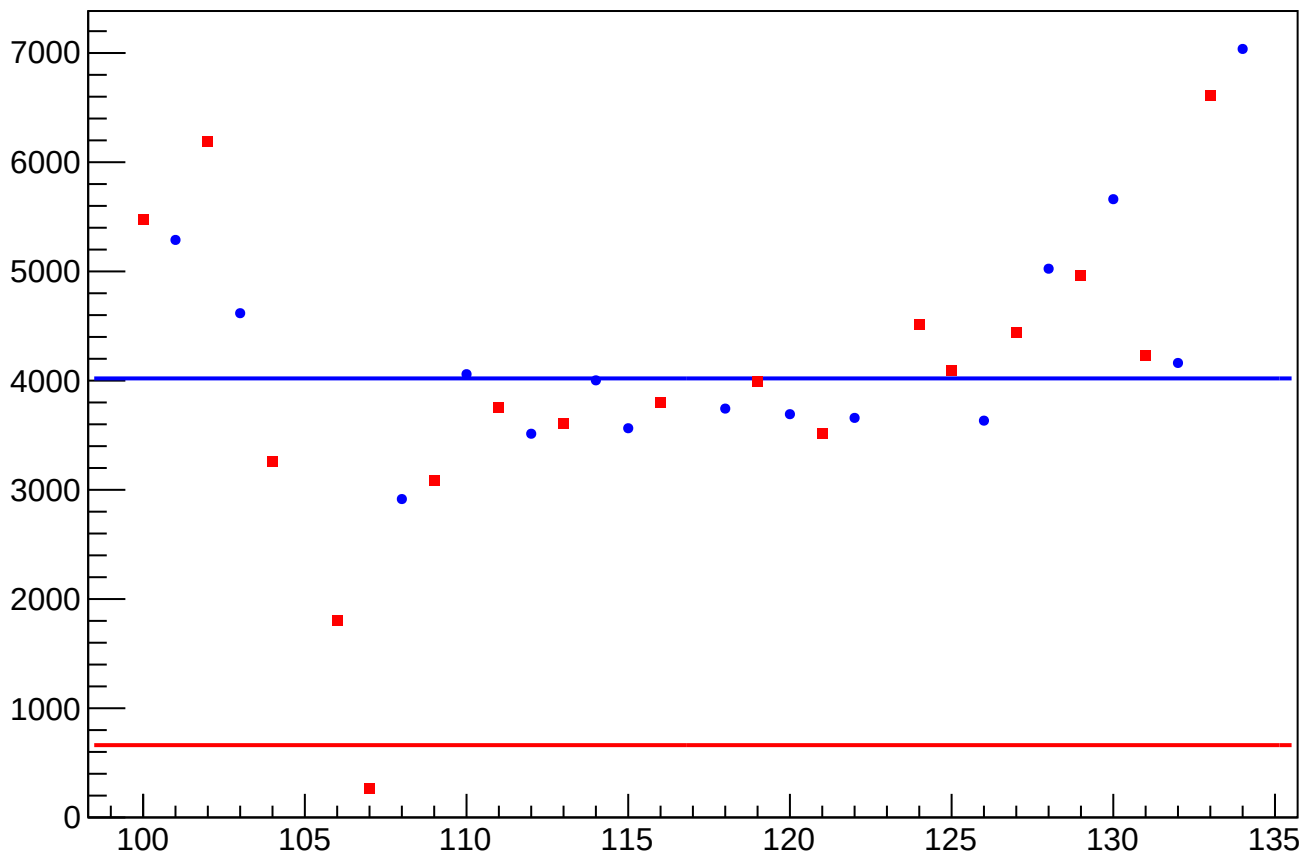
Right: 146.030+/-492.529 χ^2/NDF : 29.9/31

In: 426.043+/-1642.883 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.030+/-492.529 χ^2/NDF : 29.9/31

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4020.273+/-1.162 χ^2/NDF : 527085.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.176+/-0.365 χ^2/NDF : 9826517.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

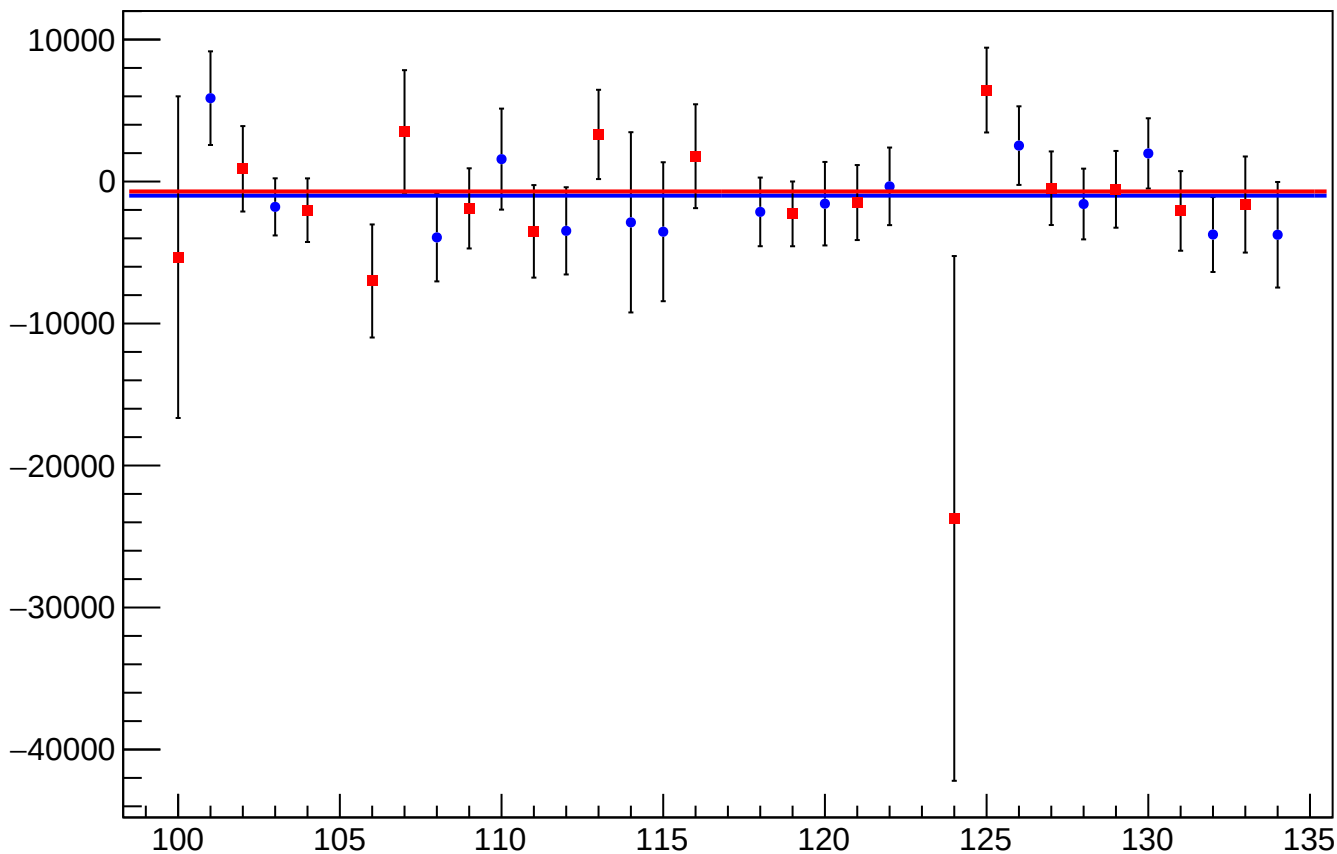
Right: 963.992+/-0.348 χ^2/NDF : 17958675.0/31

In: 4020.273+/-1.162 χ^2/NDF : 527085.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.992+/-0.348 χ^2/NDF : 17958675.0/31

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -992.790+/-748.149 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -697.728+/-749.366 χ^2/NDF : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

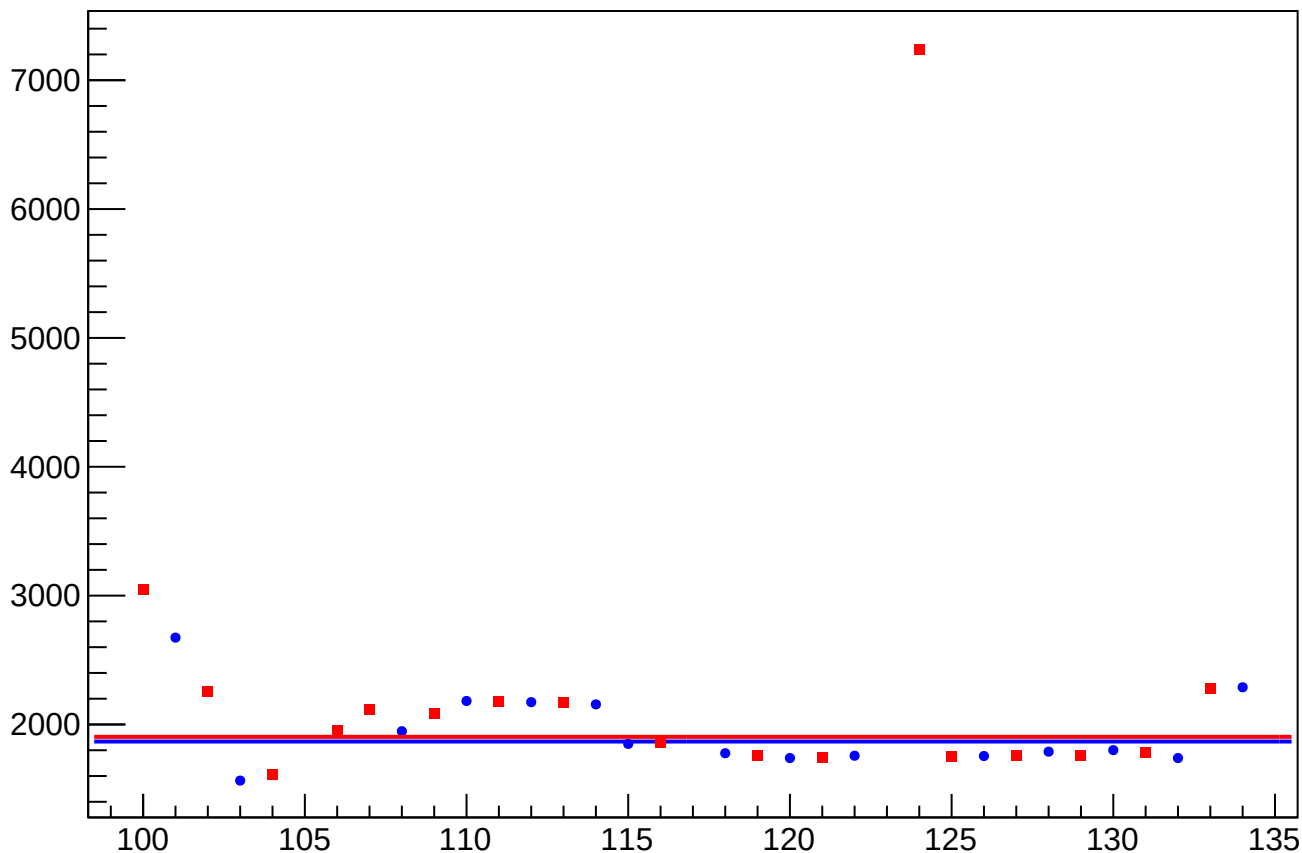
Right: -845.498+/-529.451 χ^2/NDF : 27.5/31

In: -992.790+/-748.149 χ^2/NDF : 12.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -845.498+/-529.451 χ^2/NDF : 27.5/31

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1867.629 $\pm$ 0.529 χ^2 /NDF: 253036.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1904.197 $\pm$ 0.529 χ^2 /NDF: 352598.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

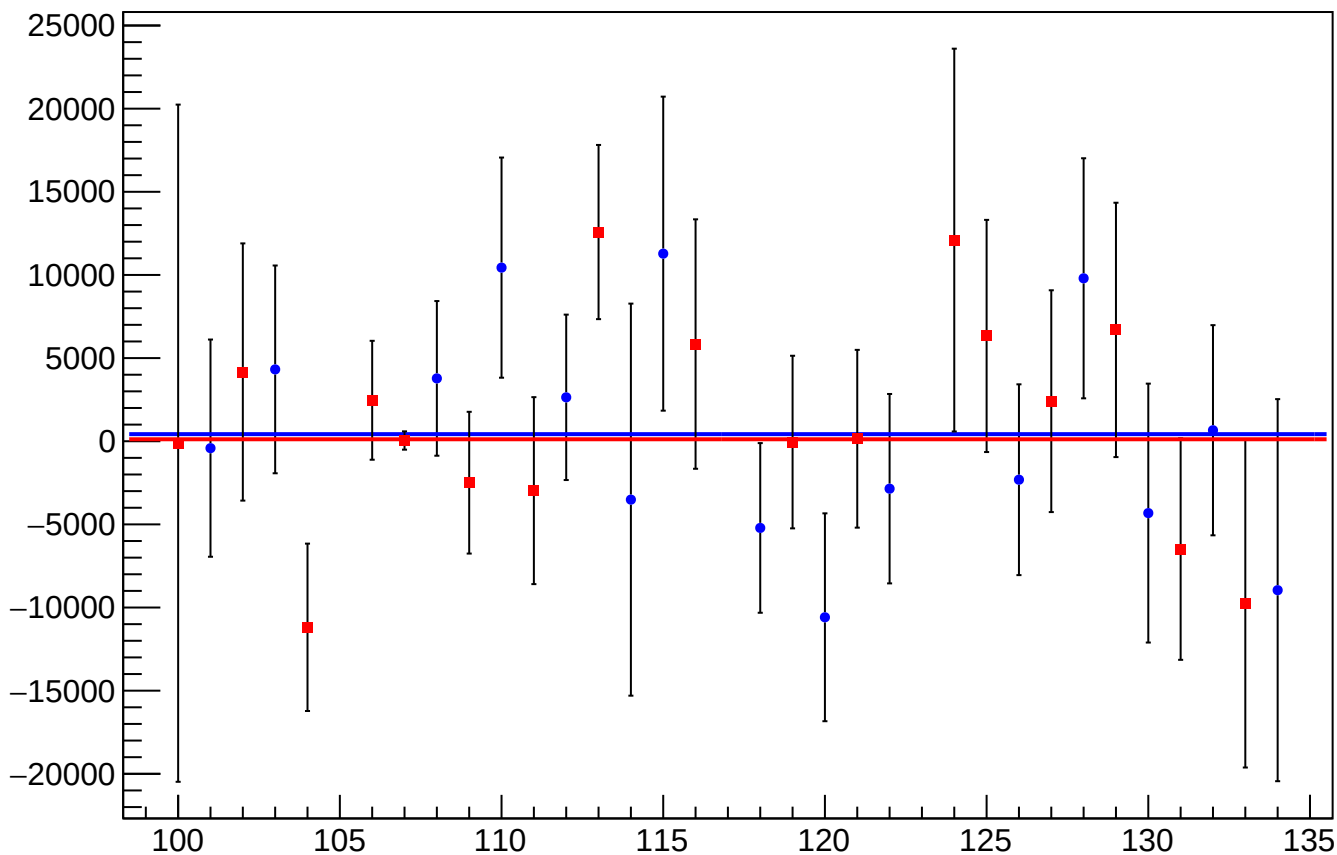
Right: 1885.926 $\pm$ 0.374 χ^2 /NDF: 608025.9/31

In: 1867.629 $\pm$ 0.529 χ^2 /NDF:253036.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1885.926 $\pm$ 0.374 χ^2 /NDF: 608025.9/31

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 426.043+/-1642.883 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.378+/-516.276 χ^2/NDF : 17.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

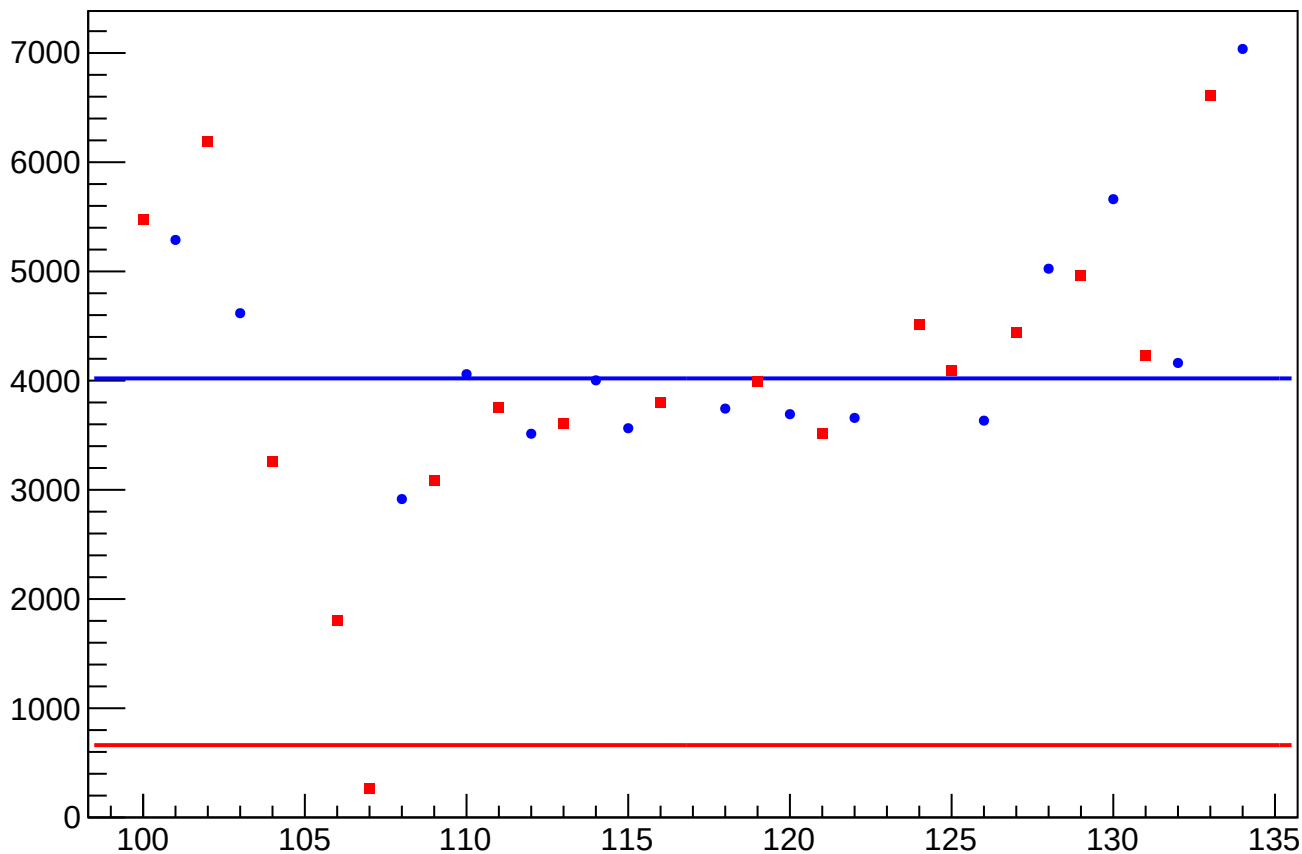
Right: 146.030+/-492.529 χ^2/NDF : 29.9/31

In: 426.043+/-1642.883 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.030+/-492.529 χ^2/NDF : 29.9/31

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4020.273+/-1.162 χ^2/NDF : 527085.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.176+/-0.365 χ^2/NDF : 9826517.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

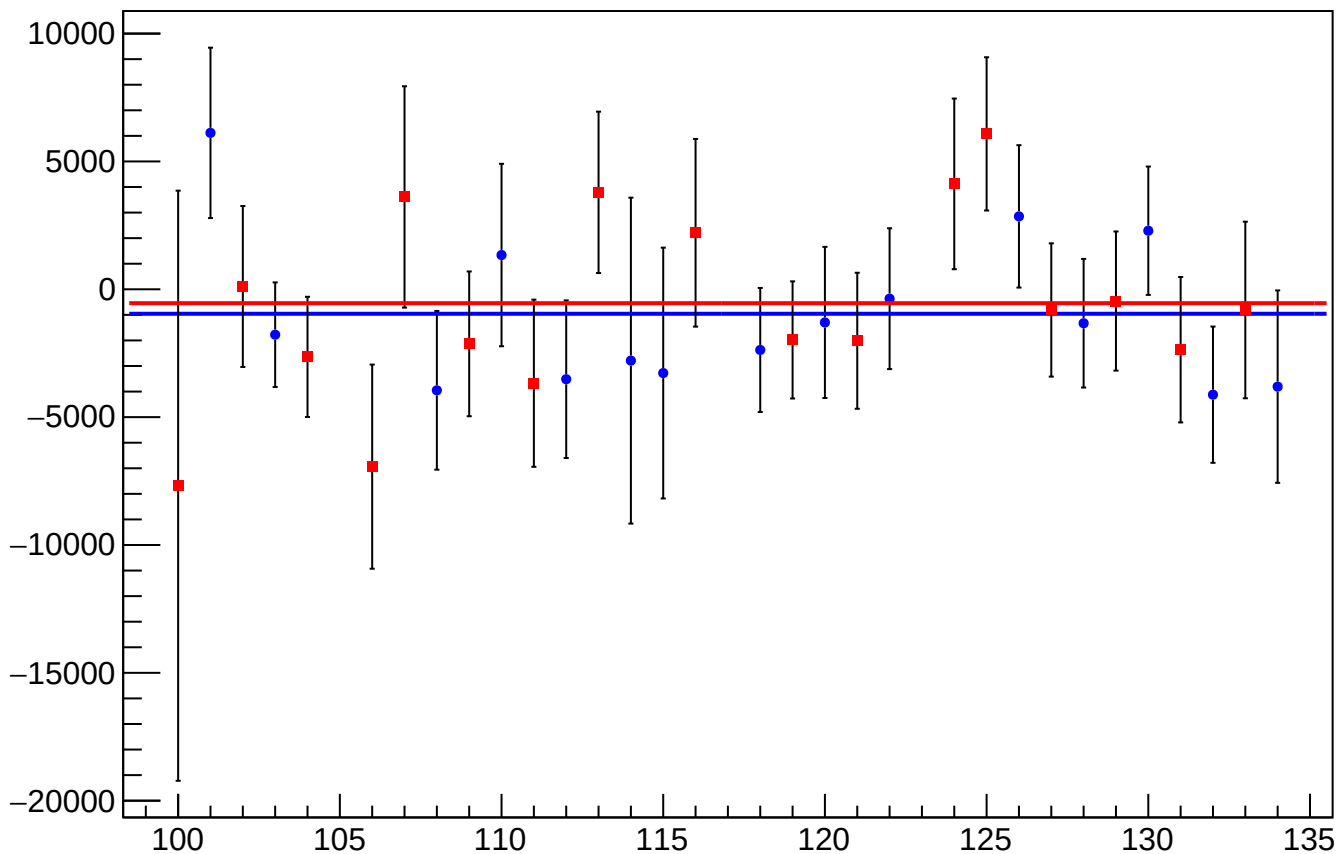
Right: 963.992+/-0.348 χ^2/NDF : 17958675.0/31

In: 4020.273+/-1.162 χ^2/NDF : 527085.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.992+/-0.348 χ^2/NDF : 17958675.0/31

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -957.046+/-754.456 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -543.047+/-740.935 χ^2/NDF : 16.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

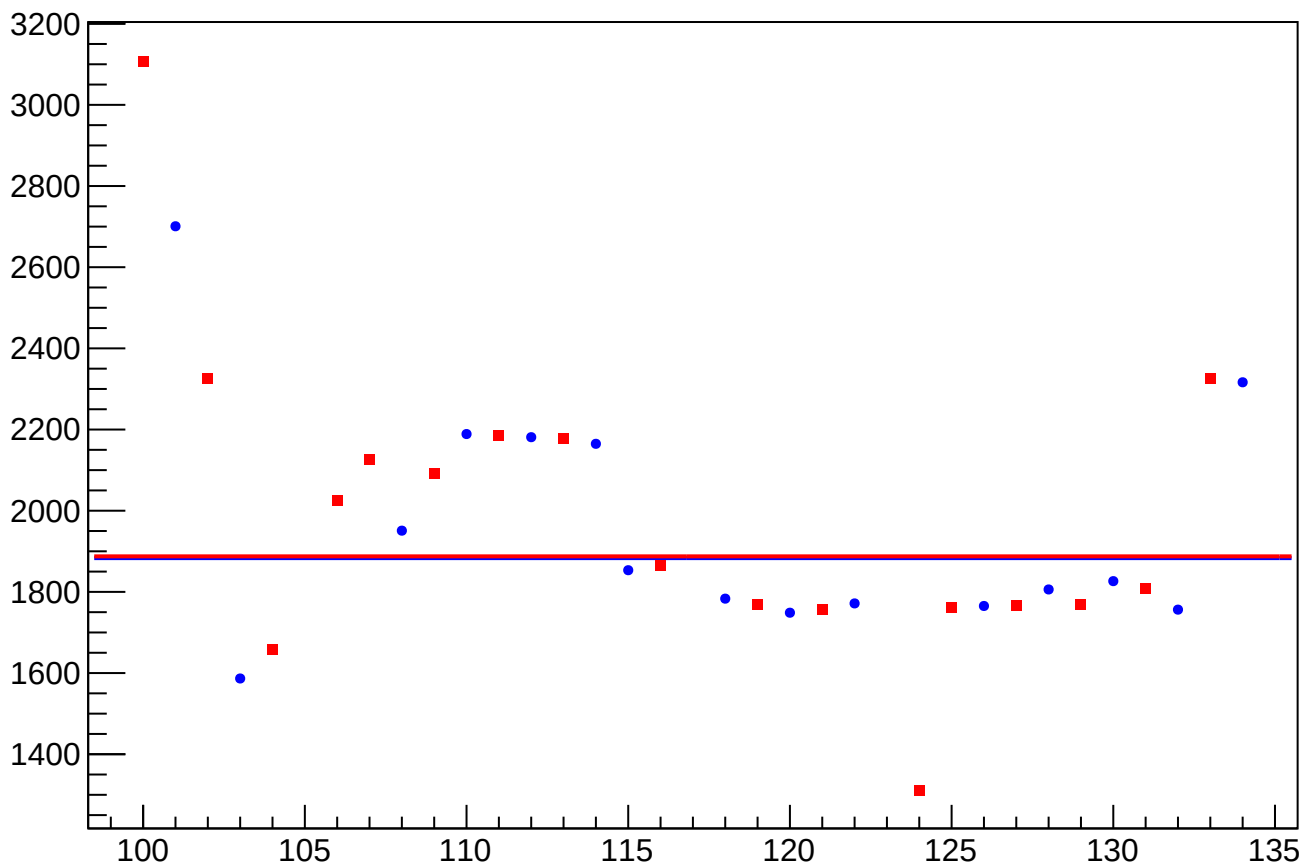
Right: -746.303+/-528.636 χ^2/NDF : 29.5/31

In: -957.046+/-754.456 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -746.303+/-528.636 χ^2/NDF : 29.5/31

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1883.219+/-0.533 χ^2/NDF : 249219.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.546+/-0.523 χ^2/NDF : 248487.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

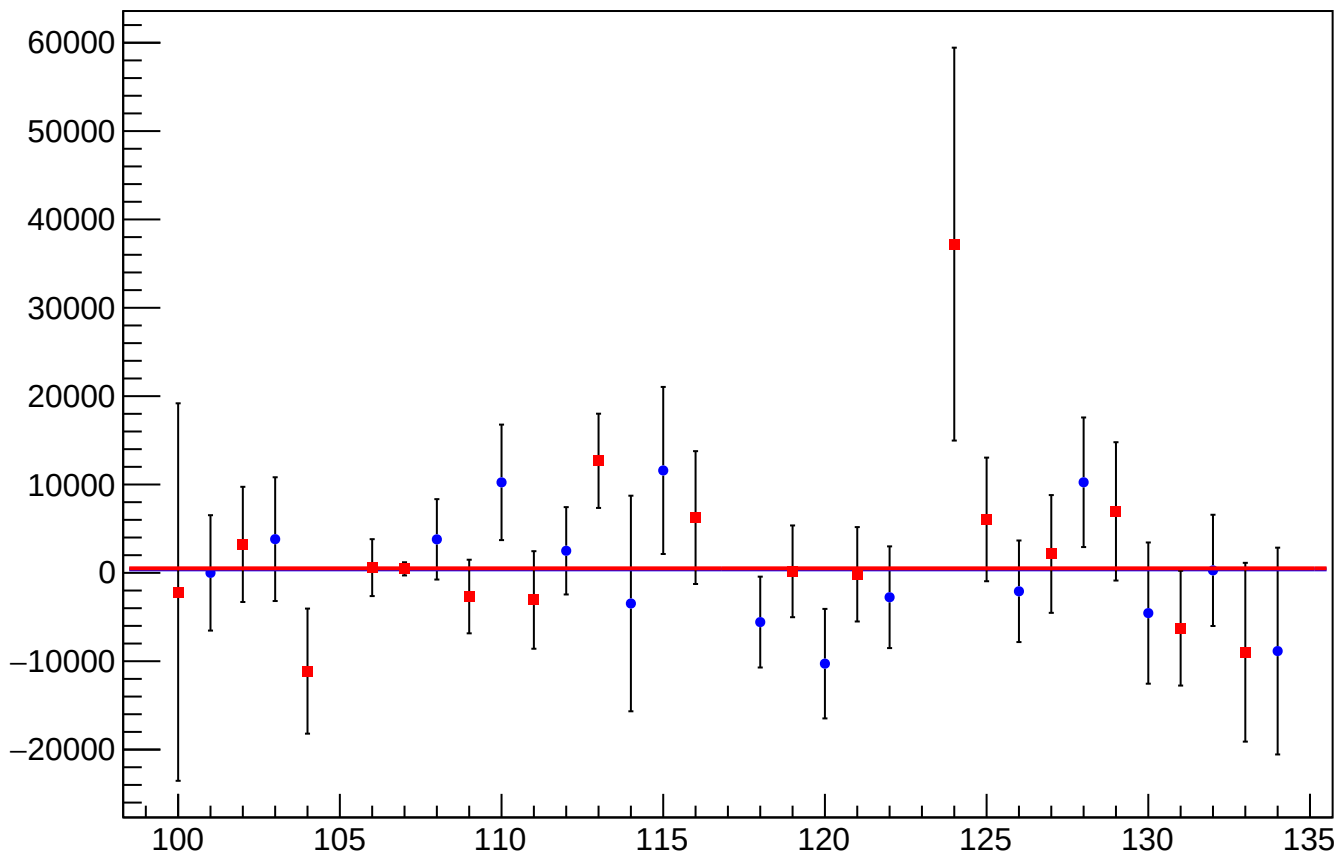
Right: 1885.424+/-0.374 χ^2/NDF : 497740.2/31

In: 1883.219+/-0.533 χ^2/NDF : 249219.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.424+/-0.374 χ^2/NDF : 497740.2/31

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 400.934+/-1654.091 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.787+/-666.581 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

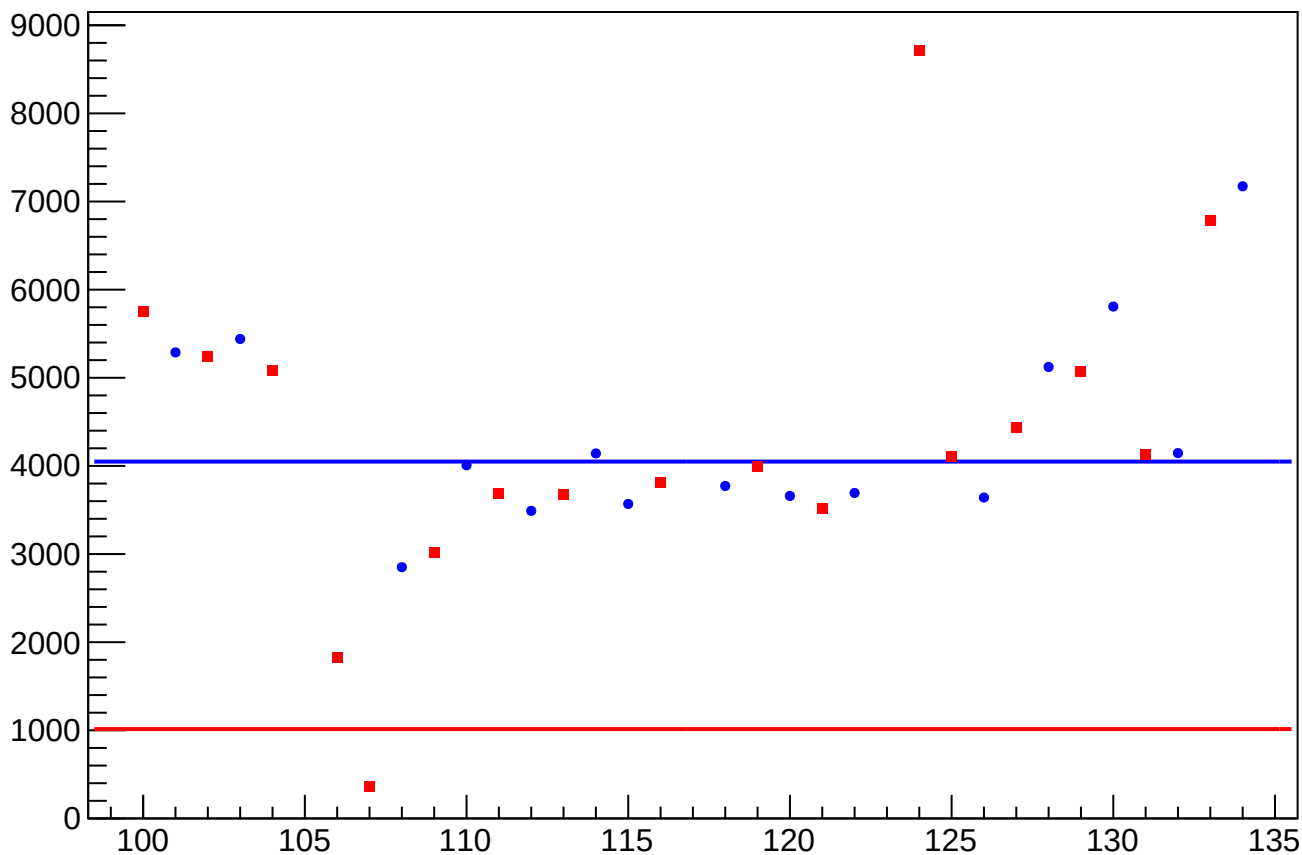
Right: 495.440+/-618.266 χ^2/NDF : 28.1/31

In: 400.934+/-1654.091 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.440+/-618.266 χ^2/NDF : 28.1/31

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4049.206+/-1.170 χ^2/NDF : 634764.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.142+/-0.471 χ^2/NDF : 8843680.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

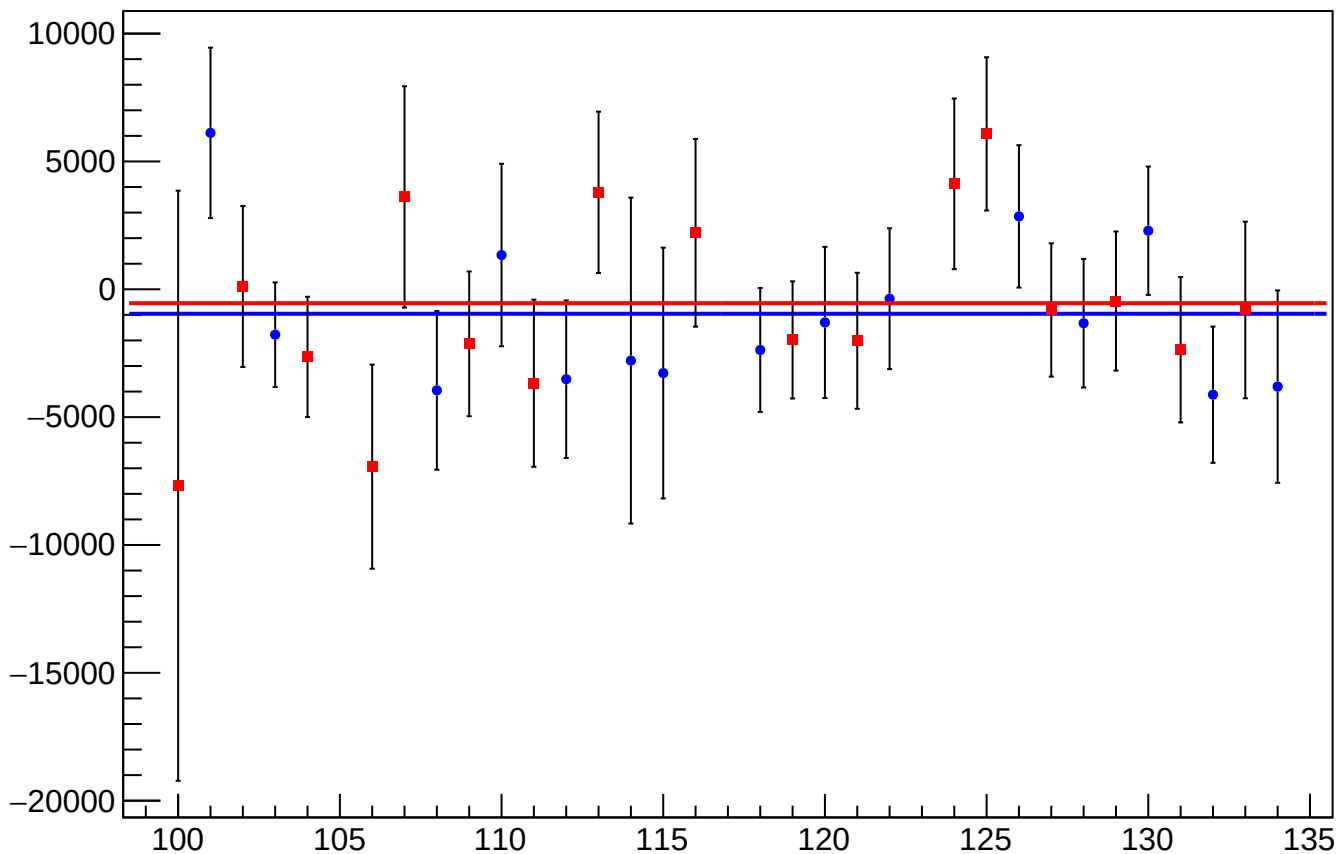
Right: 1438.174+/-0.437 χ^2/NDF : 15271279.2/31

In: 4049.206+/-1.170 χ^2/NDF : 634764.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1438.174+/-0.437 χ^2/NDF : 15271279.2/31

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -957.044+/-754.456 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -543.051+/-740.935 χ^2/NDF : 16.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

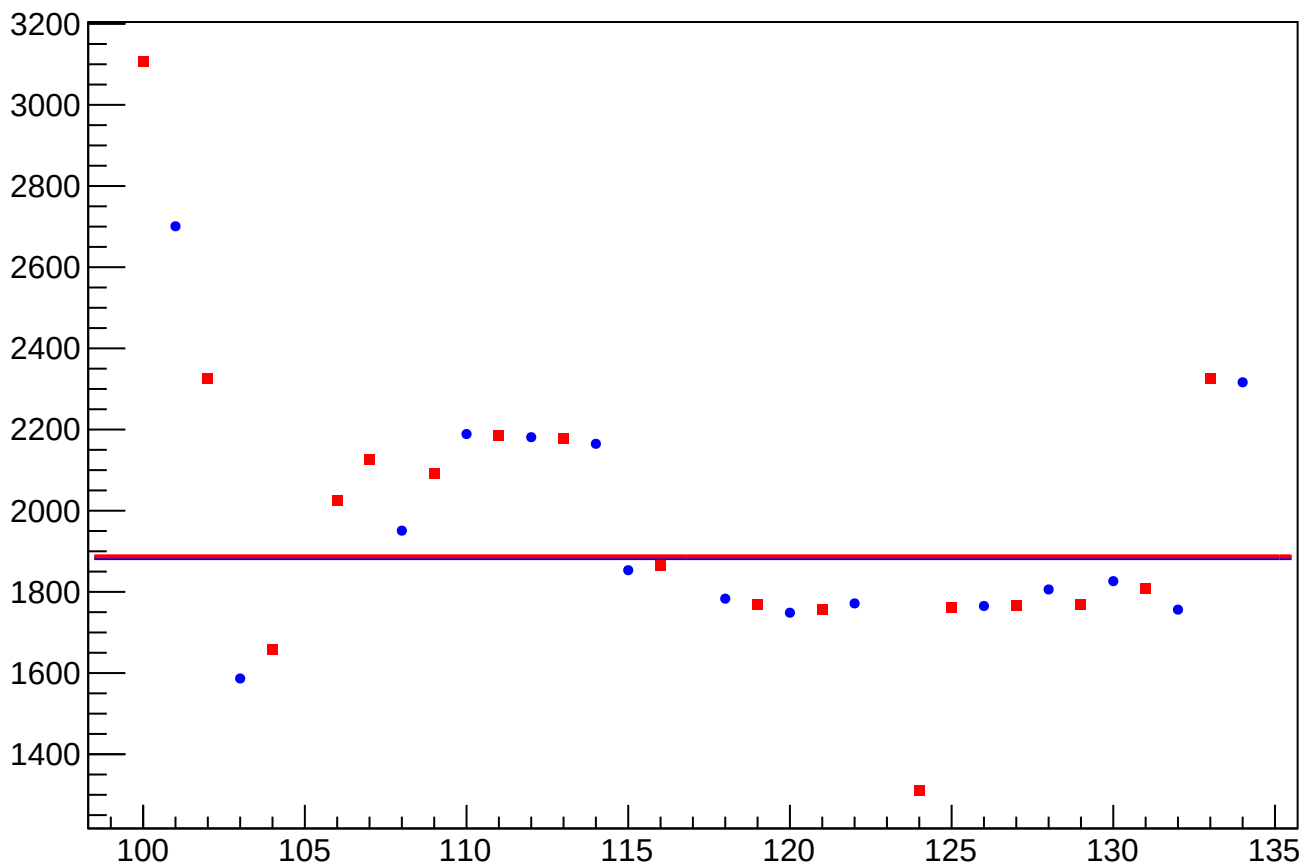
Right: -746.305+/-528.636 χ^2/NDF : 29.5/31

In: -957.044+/-754.456 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -746.305+/-528.636 χ^2/NDF : 29.5/31

eigen_dit_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1883.219+/-0.533 χ^2/NDF : 249219.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.546+/-0.523 χ^2/NDF : 248487.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

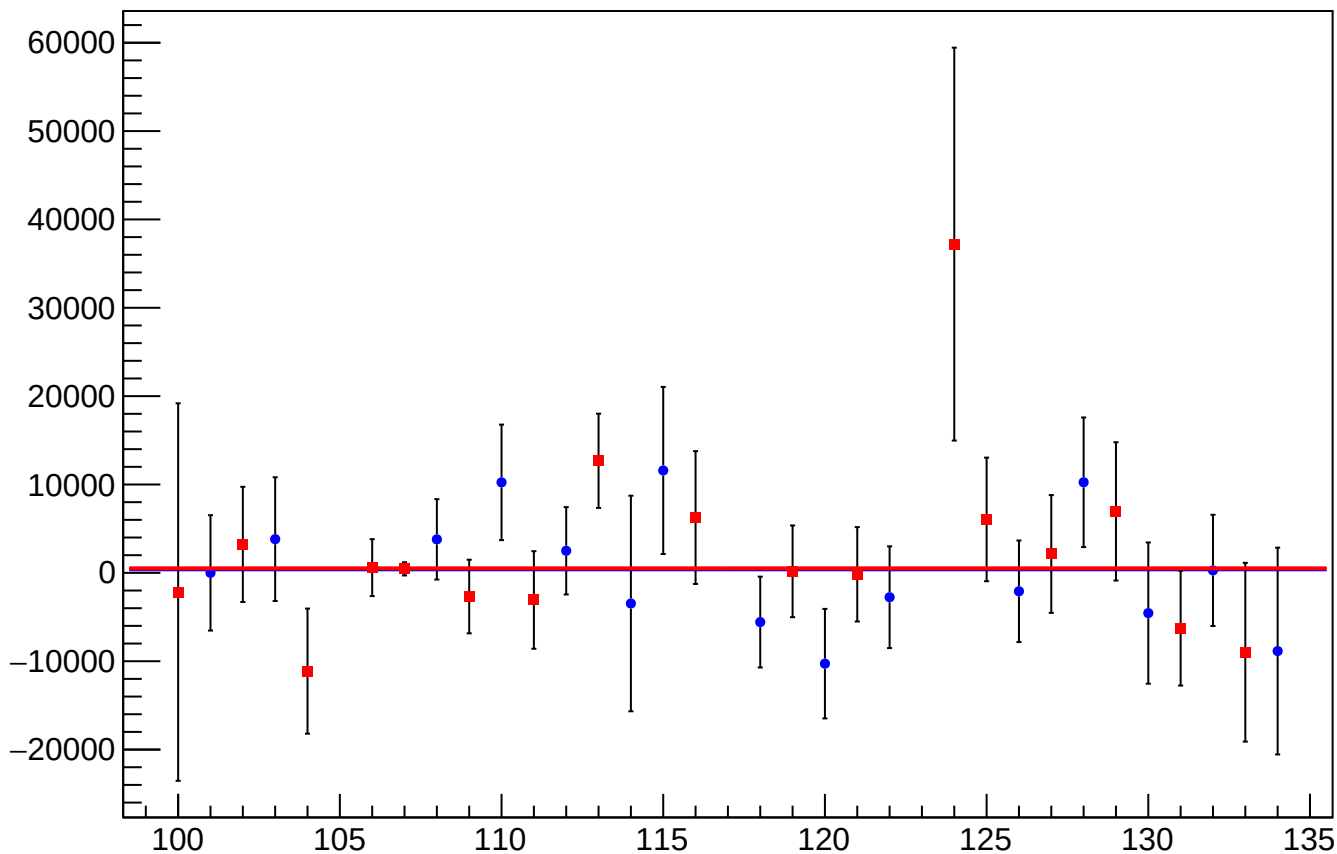
Right: 1885.424+/-0.374 χ^2/NDF : 497740.6/31

In: 1883.219+/-0.533 χ^2/NDF : 249219.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.424+/-0.374 χ^2/NDF : 497740.6/31

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 400.927+/-1654.087 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.795+/-666.592 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

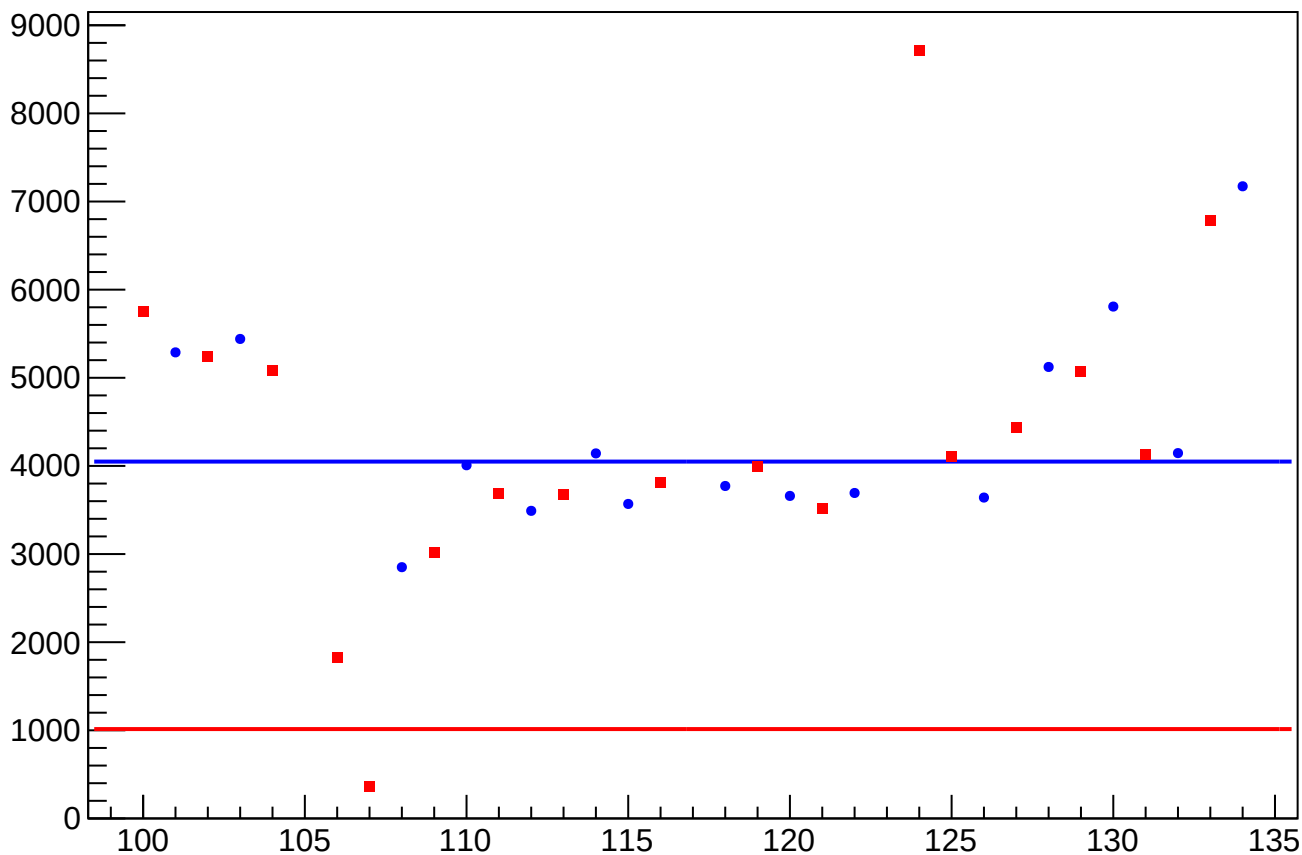
Right: 495.445+/-618.274 χ^2/NDF : 28.1/31

In: 400.927+/-1654.087 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.445+/-618.274 χ^2/NDF : 28.1/31

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4049.195+/-1.170 χ^2/NDF : 634763.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.171+/-0.471 χ^2/NDF : 8843566.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

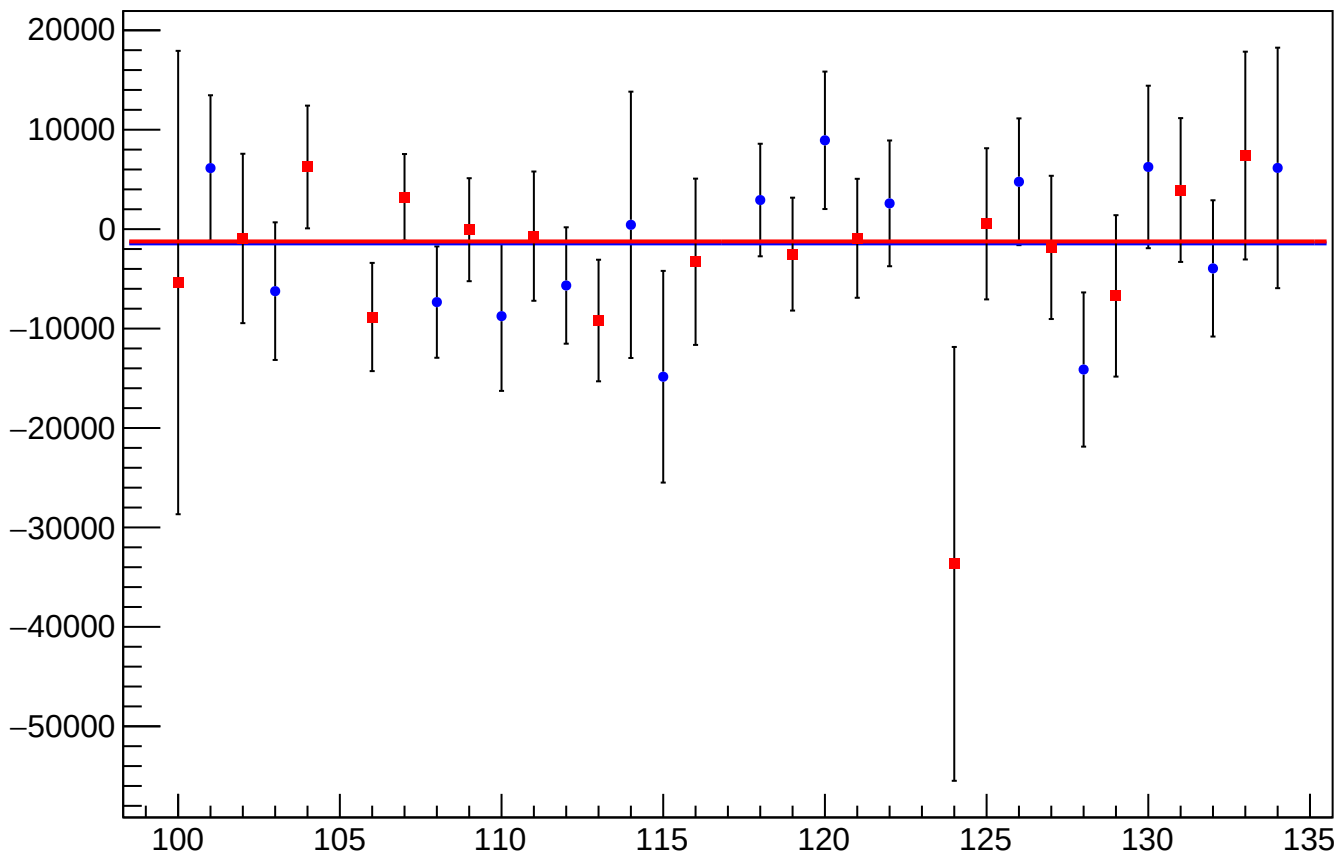
Right: 1438.212+/-0.437 χ^2/NDF : 15271010.4/31

In: 4049.195+/-1.170 χ^2/NDF : 634763.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1438.212+/-0.437 χ^2/NDF : 15271010.4/31

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1430.479 ± 1843.650 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1237.082 ± 1640.852 χ^2/NDF : 10.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

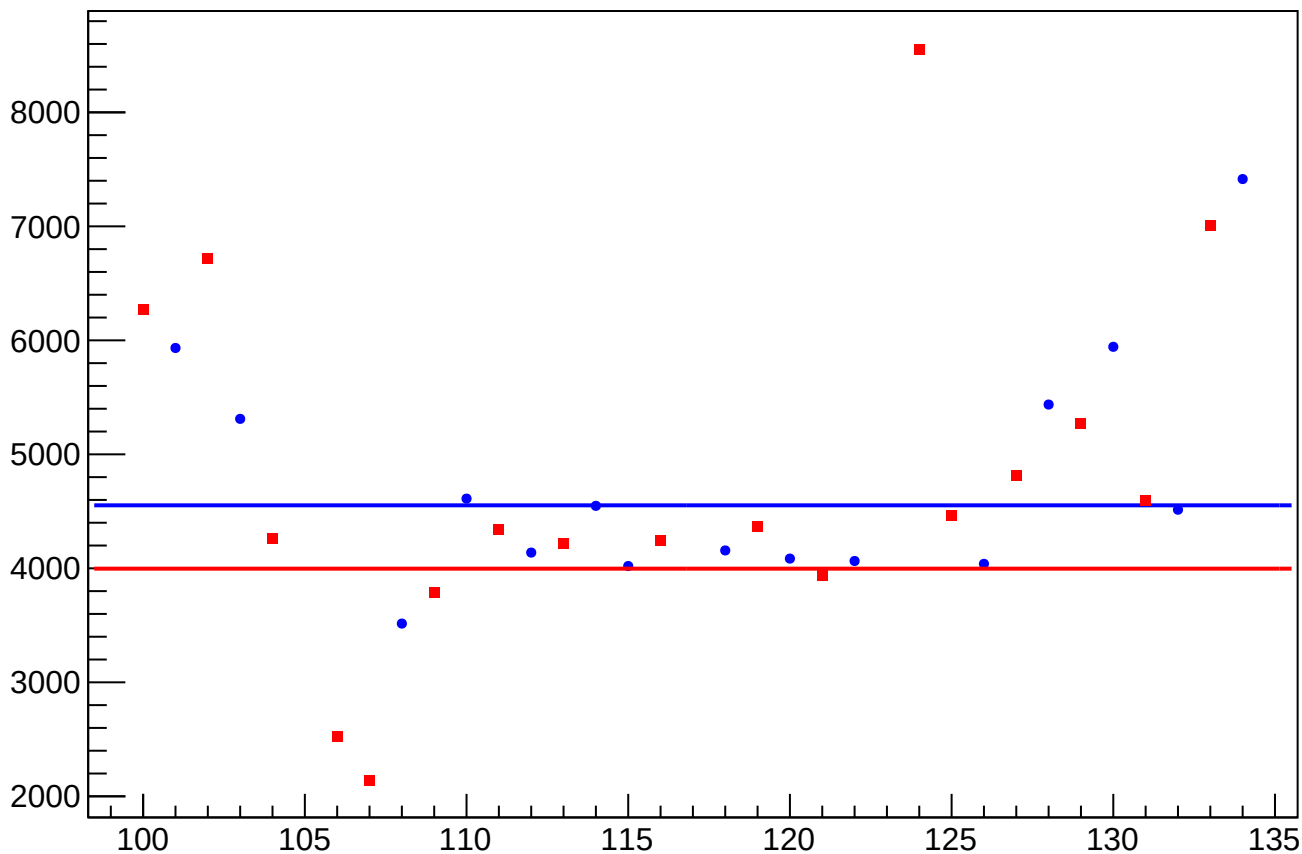
Right: -1322.563 ± 1225.710 χ^2/NDF : 24.3/31

In: -1430.479 ± 1843.650 χ^2/NDF : 14.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1322.563 ± 1225.710 χ^2/NDF : 24.3/31

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4552.707+/-1.304 χ^2/NDF : 418702.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3997.122+/-1.147 χ^2/NDF : 1143298.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

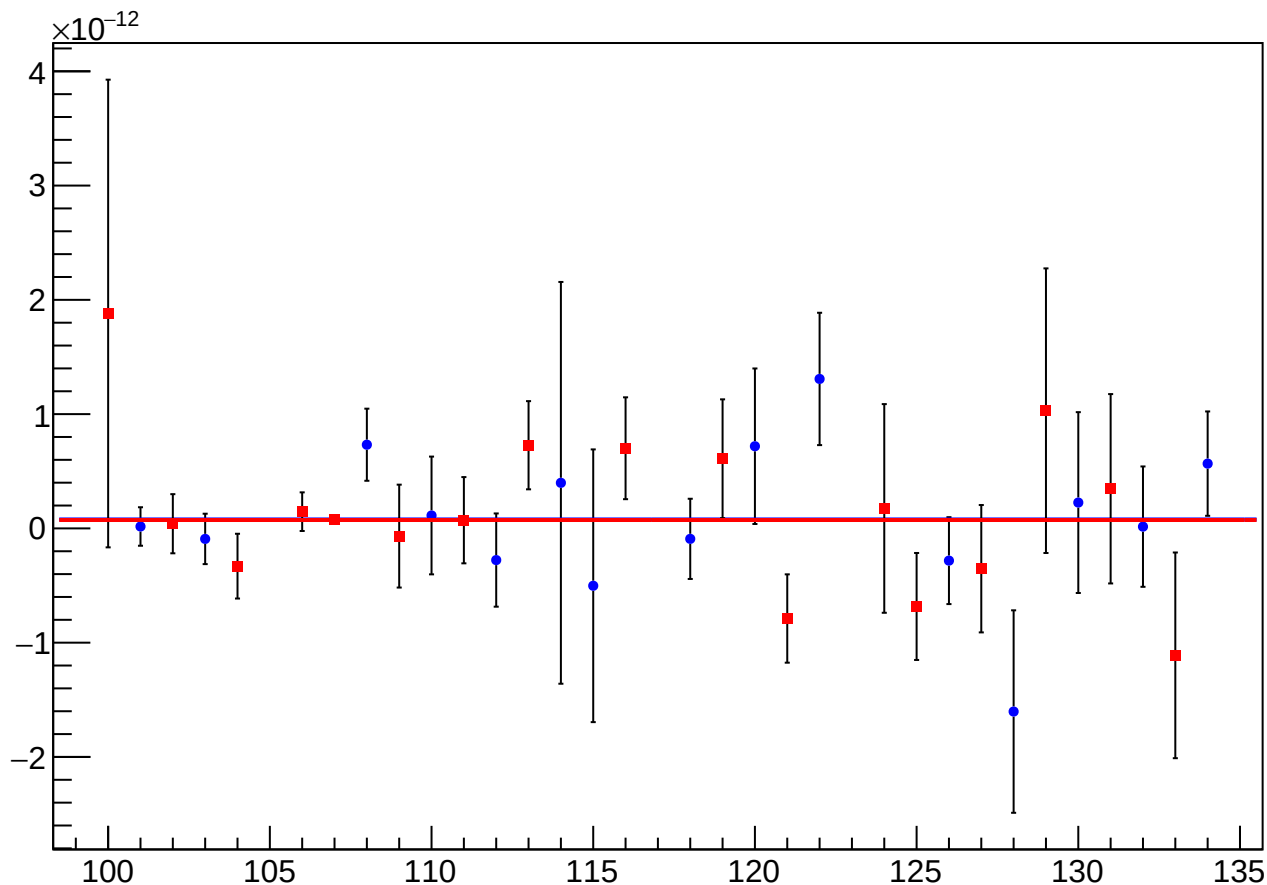
Right: 4239.624+/-0.861 χ^2/NDF : 1664349.6/31

In: 4552.707+/-1.304 χ^2/NDF : 418702.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4239.624+/-0.861 χ^2/NDF : 1664349.6/31

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

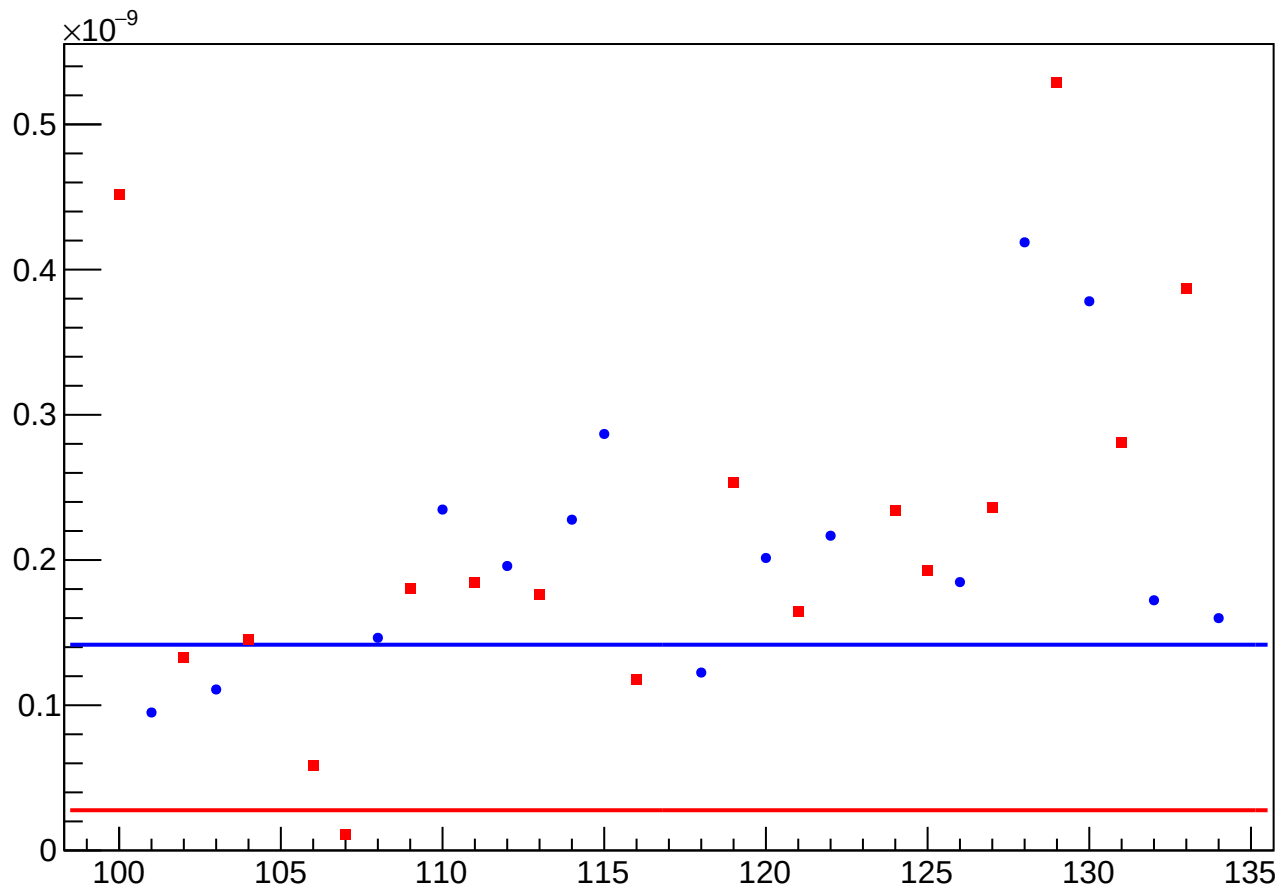
Right: 0.000+/-0.000 χ^2/NDF : 37.1/31

In: 0.000+/-0.000 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.1/31

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 793084.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4265000.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

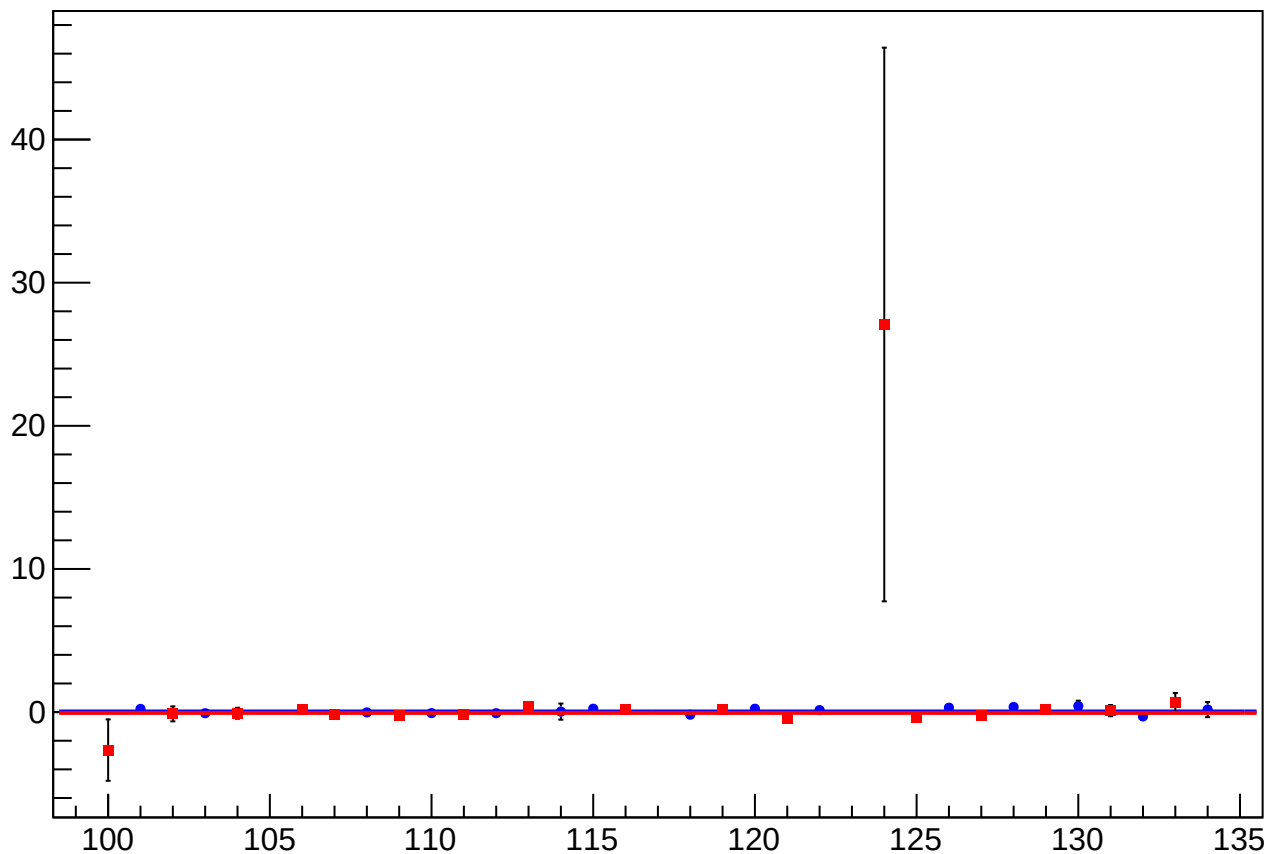
Right: 0.000+/-0.000 χ^2/NDF : 7547777.3/31

In: 0.000+/-0.000 χ^2/NDF : 793084.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7547777.3/31

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

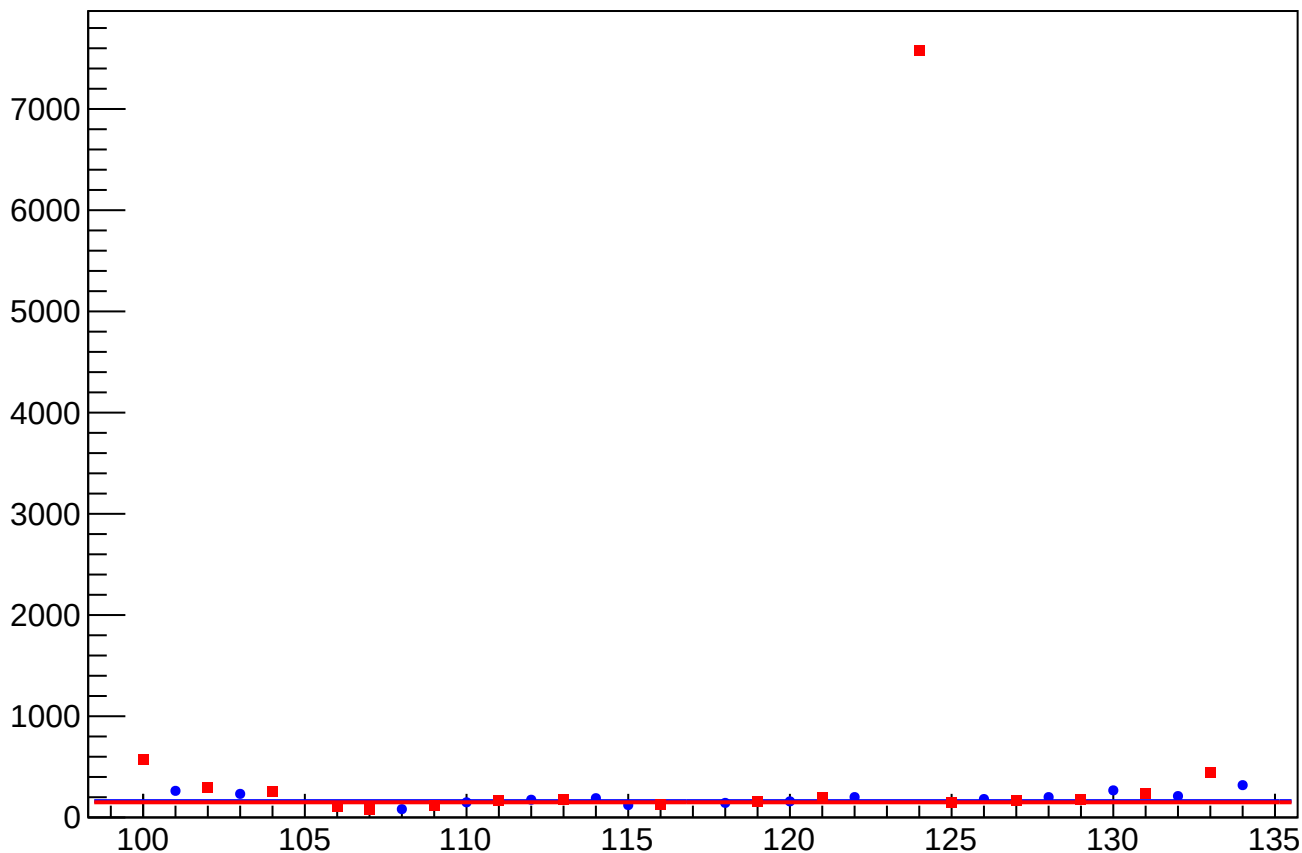
Right: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

In: 0.042 $\pm$ 0.070 χ^2 /NDF:7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 161.251+/-0.049 χ^2/NDF : 1418774.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.837+/-0.047 χ^2/NDF : 1728891.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

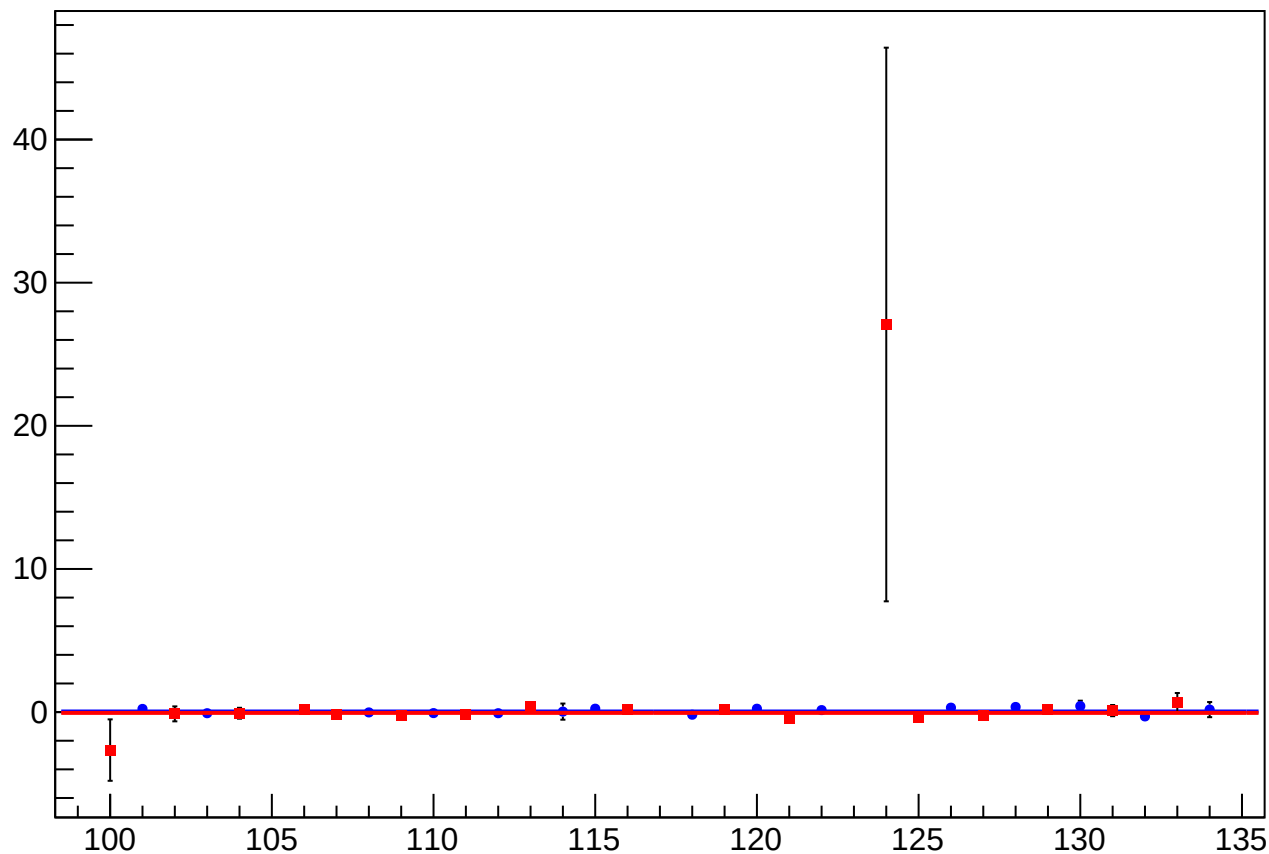
Right: 155.228+/-0.034 χ^2/NDF : 3175864.3/31

In: 161.251+/-0.049 χ^2/NDF : 1418774.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.228+/-0.034 χ^2/NDF : 3175864.3/31

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

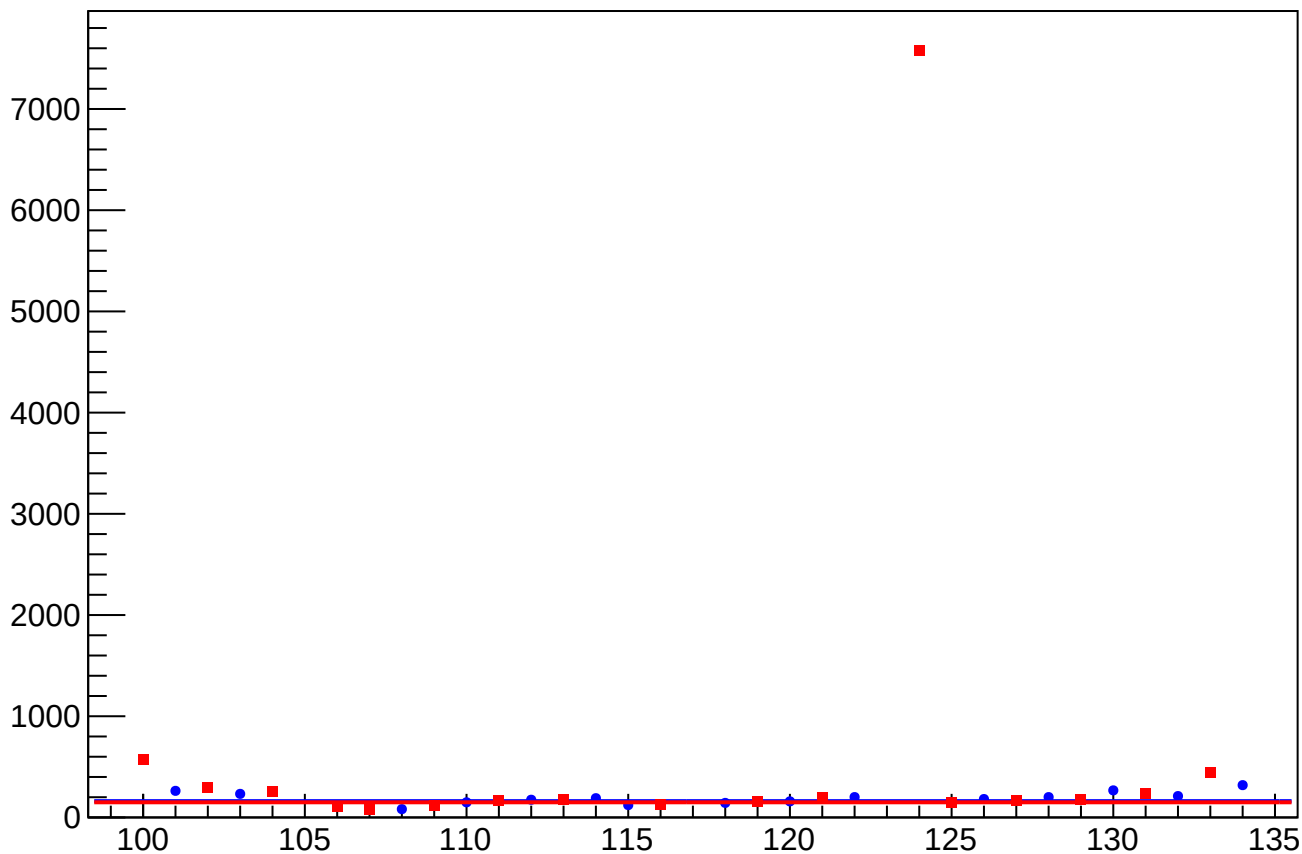
Right: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

In: 0.042 $\pm$ 0.070 χ^2 /NDF:7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 161.251+/-0.049 χ^2/NDF : 1418774.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.837+/-0.047 χ^2/NDF : 1728891.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

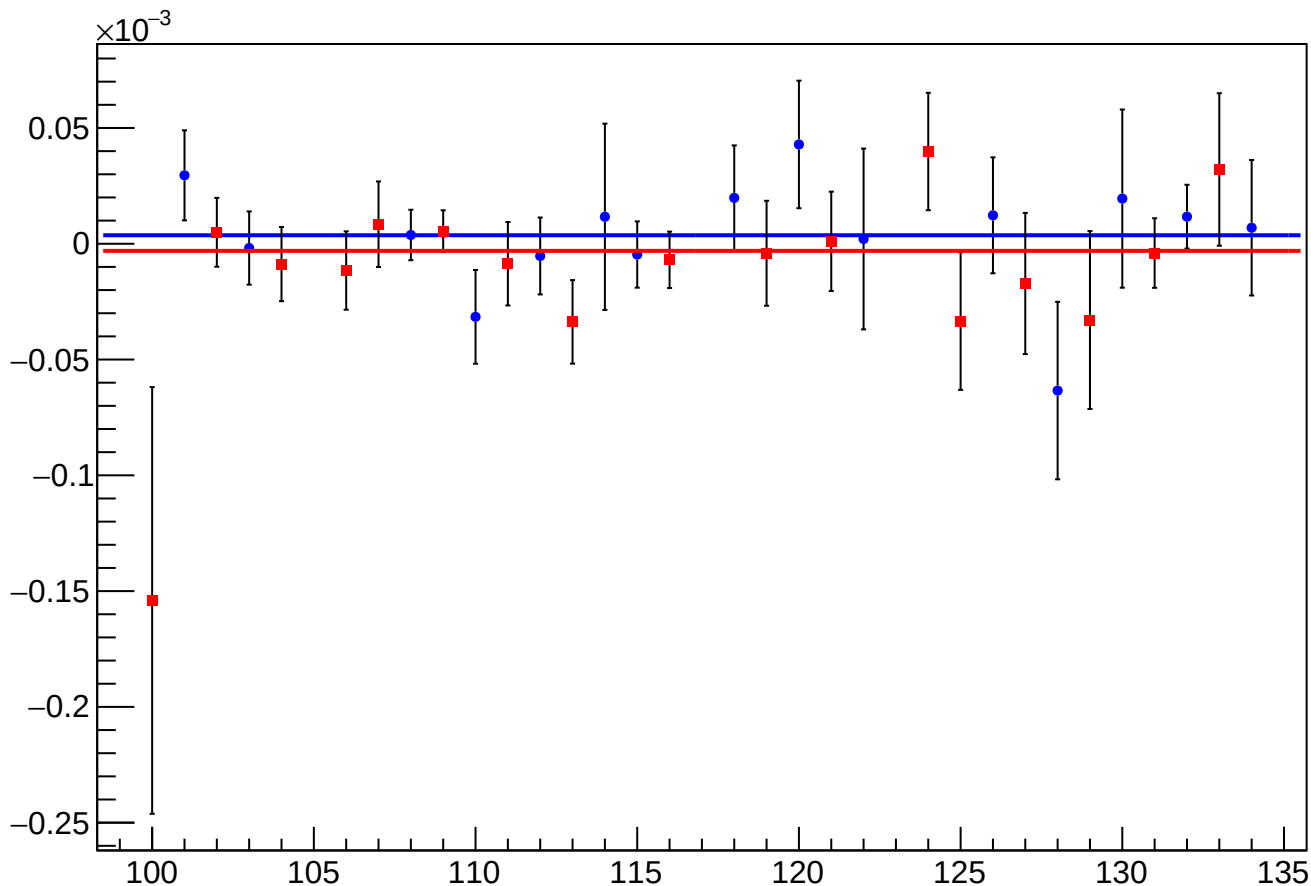
Right: 155.228+/-0.034 χ^2/NDF : 3175864.3/31

In: 161.251+/-0.049 χ^2/NDF : 1418774.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.228+/-0.034 χ^2/NDF : 3175864.3/31

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 11.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

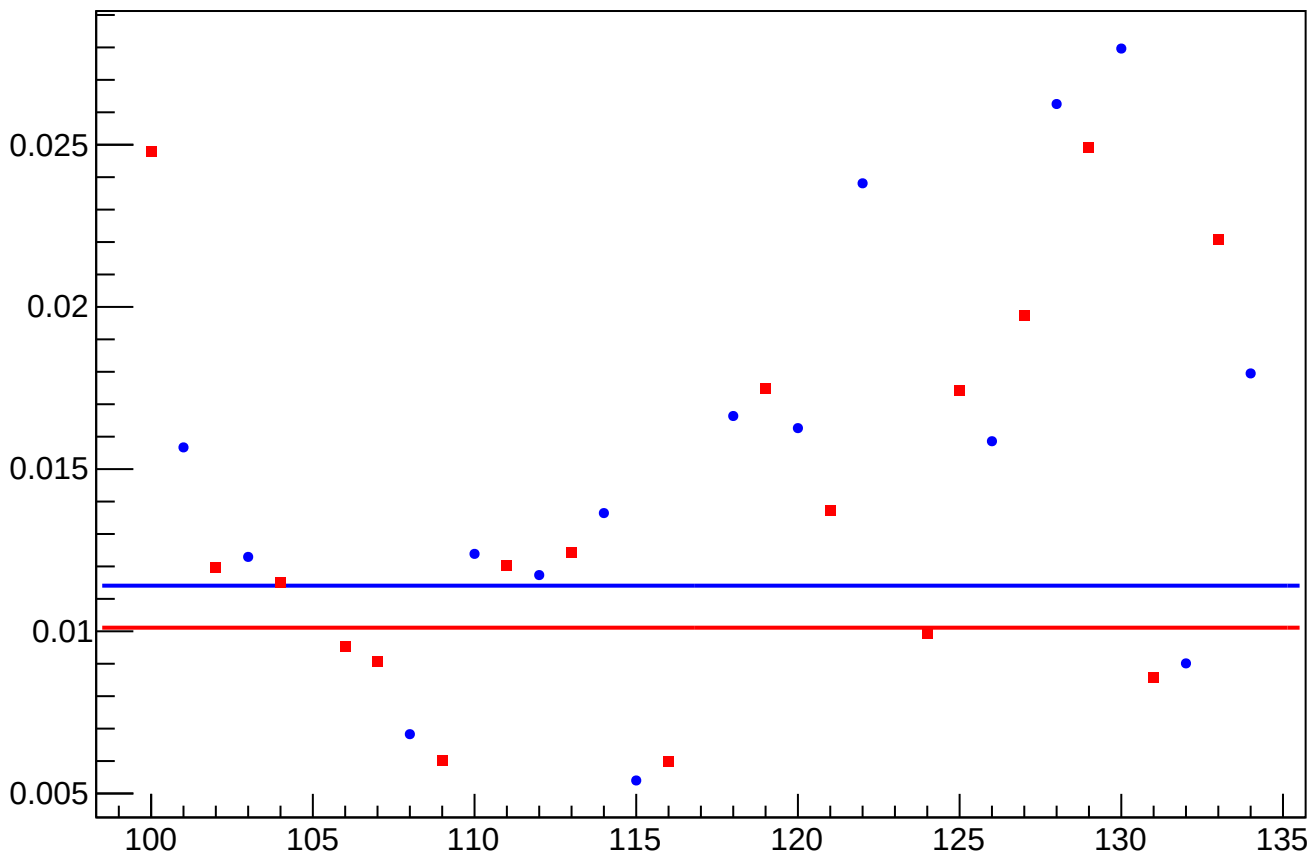
Right: -0.000 ± 0.000 χ^2/NDF : 26.5/31

In: 0.000 ± 0.000 χ^2/NDF : 11.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 26.5/31

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 2085087.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 1975168.1/16

Left 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 : 4137356.8/31

In: 0.011+/-0.000

χ^2/NDF : 2085087.9/14

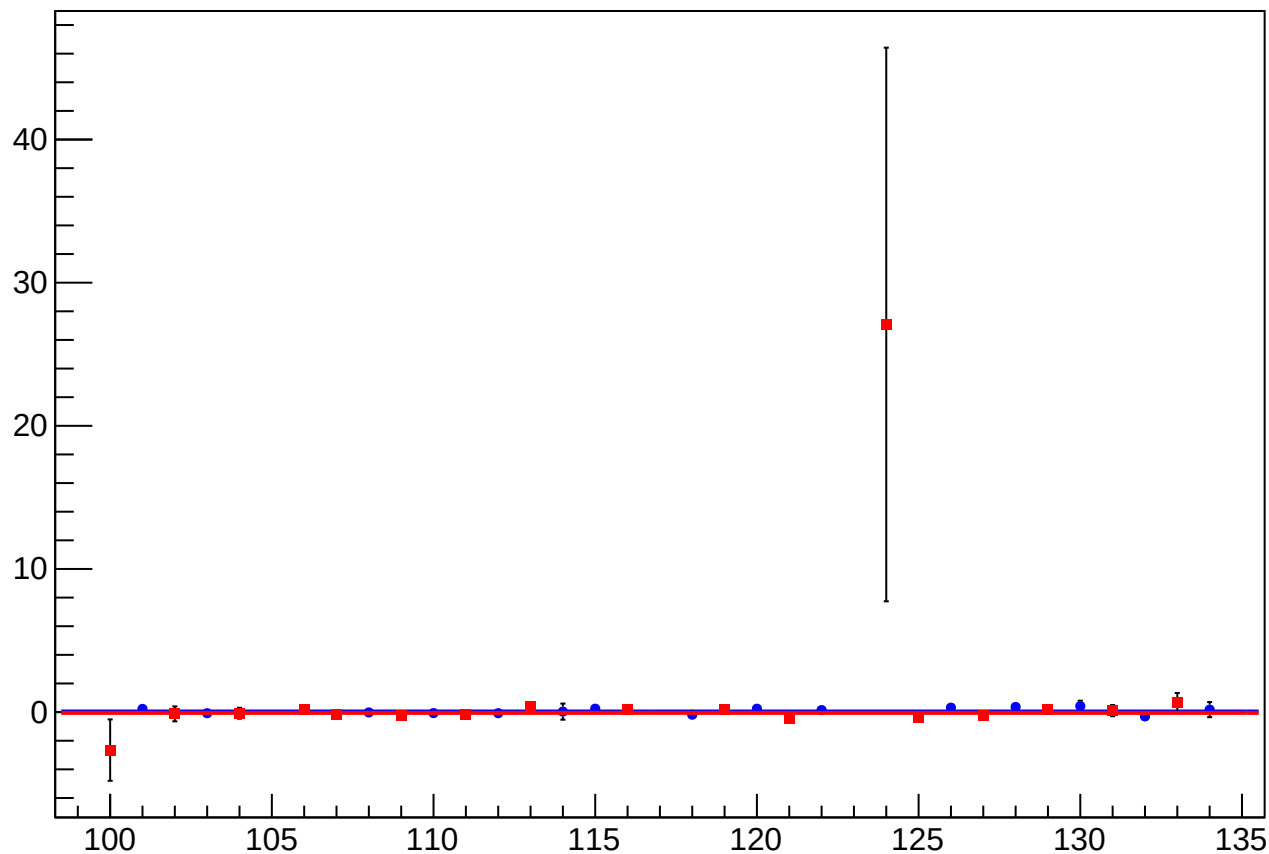
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 4137356.8/31

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

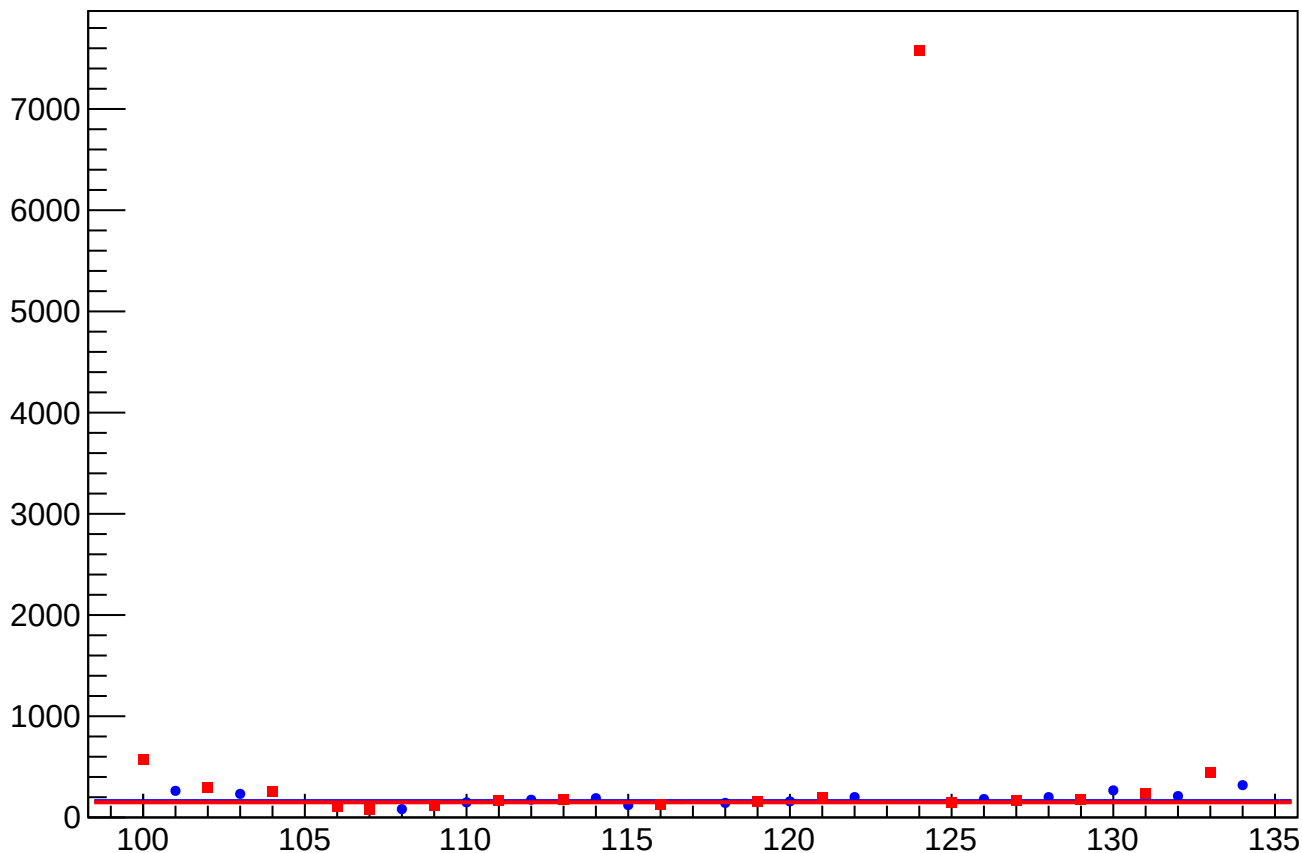
Right: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

In: 0.042 $\pm$ 0.070 χ^2 /NDF:7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 161.250 +/- 0.049 χ^2/NDF : 1418735.4/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 149.837 +/- 0.047 χ^2/NDF : 1728896.9/16

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

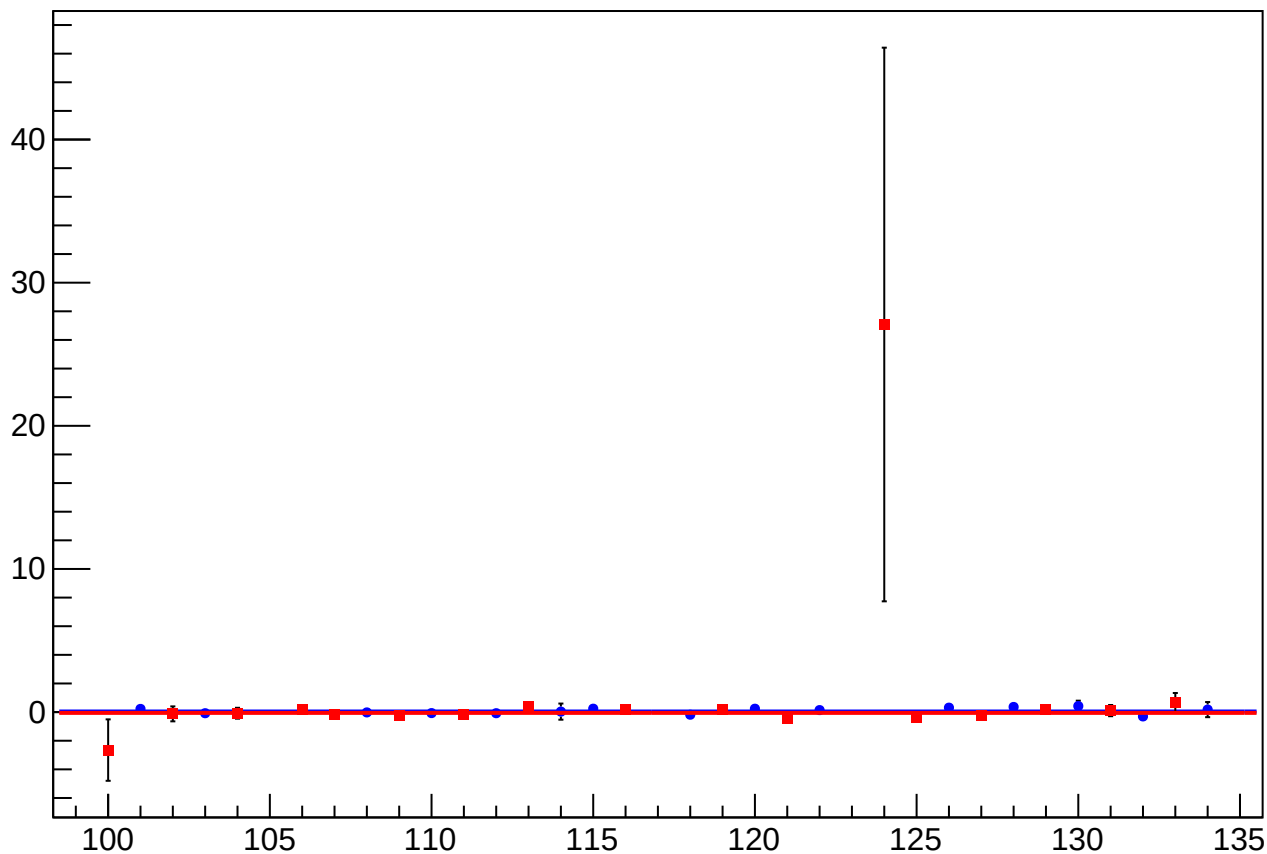
Right: 155.227 +/- 0.034 χ^2/NDF : 3175829.7/31

In: 161.250 +/- 0.049 χ^2/NDF : 1418735.4/14

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 155.227 +/- 0.034 χ^2/NDF : 3175829.7/31

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

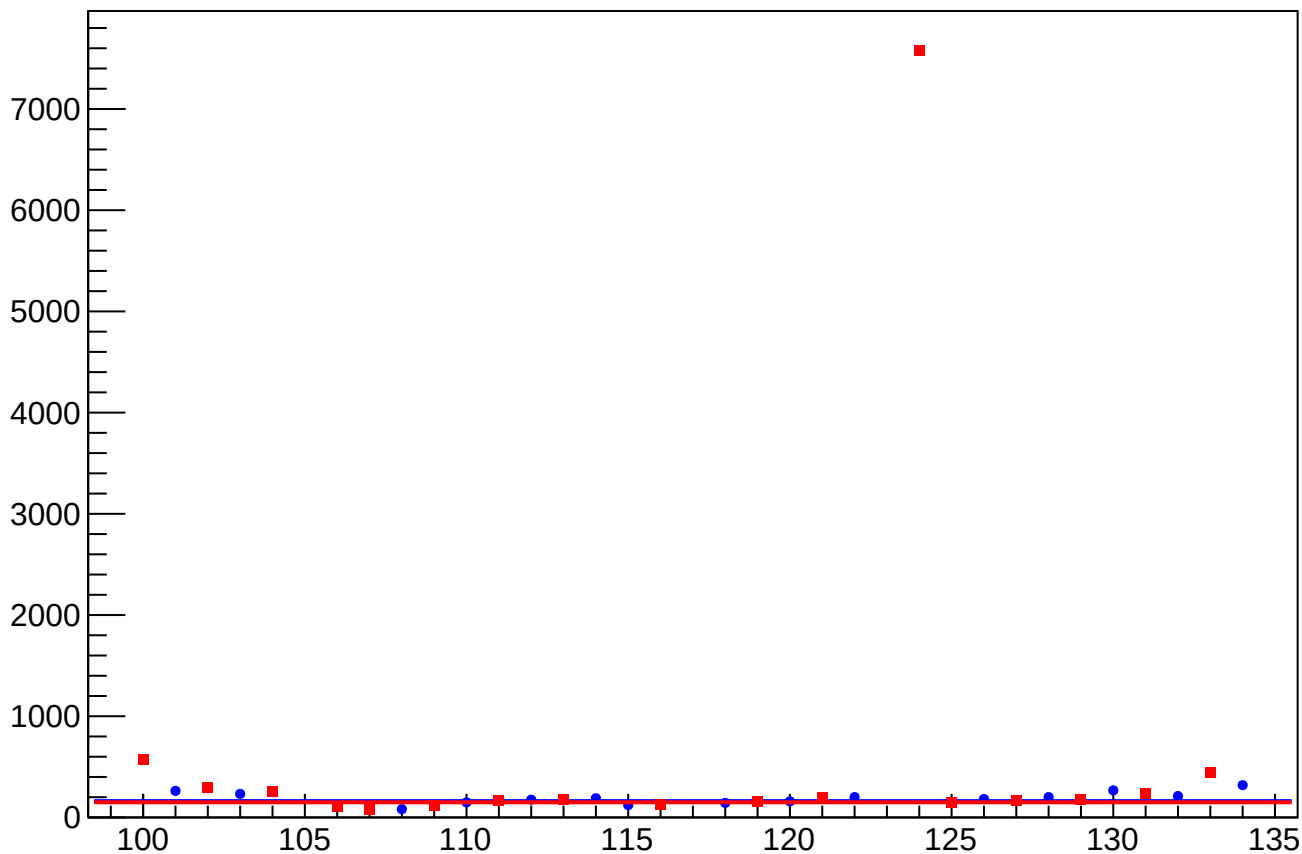
Right: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.048 χ^2 /NDF: 26.5/31

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 161.250+/-0.049 χ^2/NDF : 1418735.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.837+/-0.047 χ^2/NDF : 1728896.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

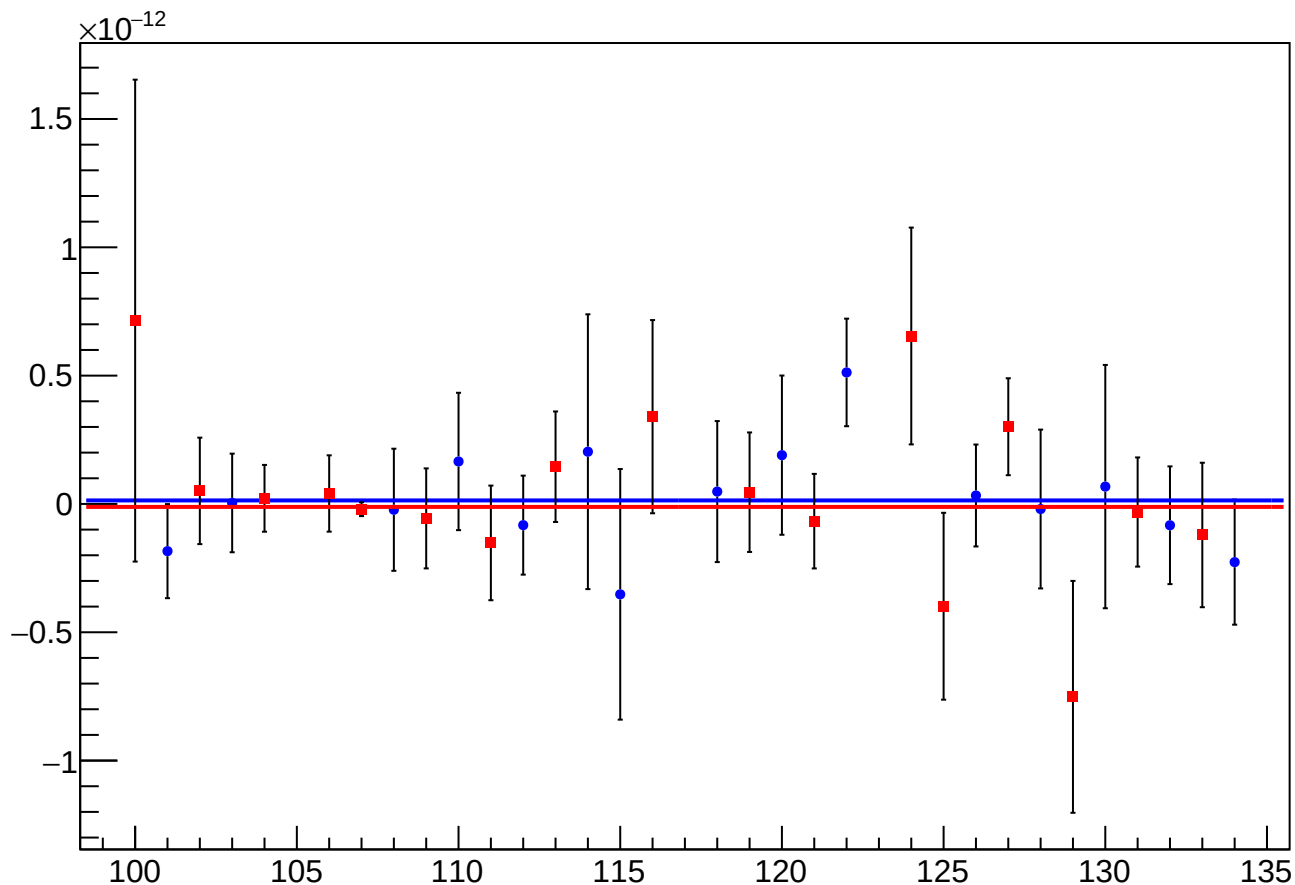
Right: 155.227+/-0.034 χ^2/NDF : 3175829.7/31

In: 161.250+/-0.049 χ^2/NDF : 1418735.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.227+/-0.034 χ^2/NDF : 3175829.7/31

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

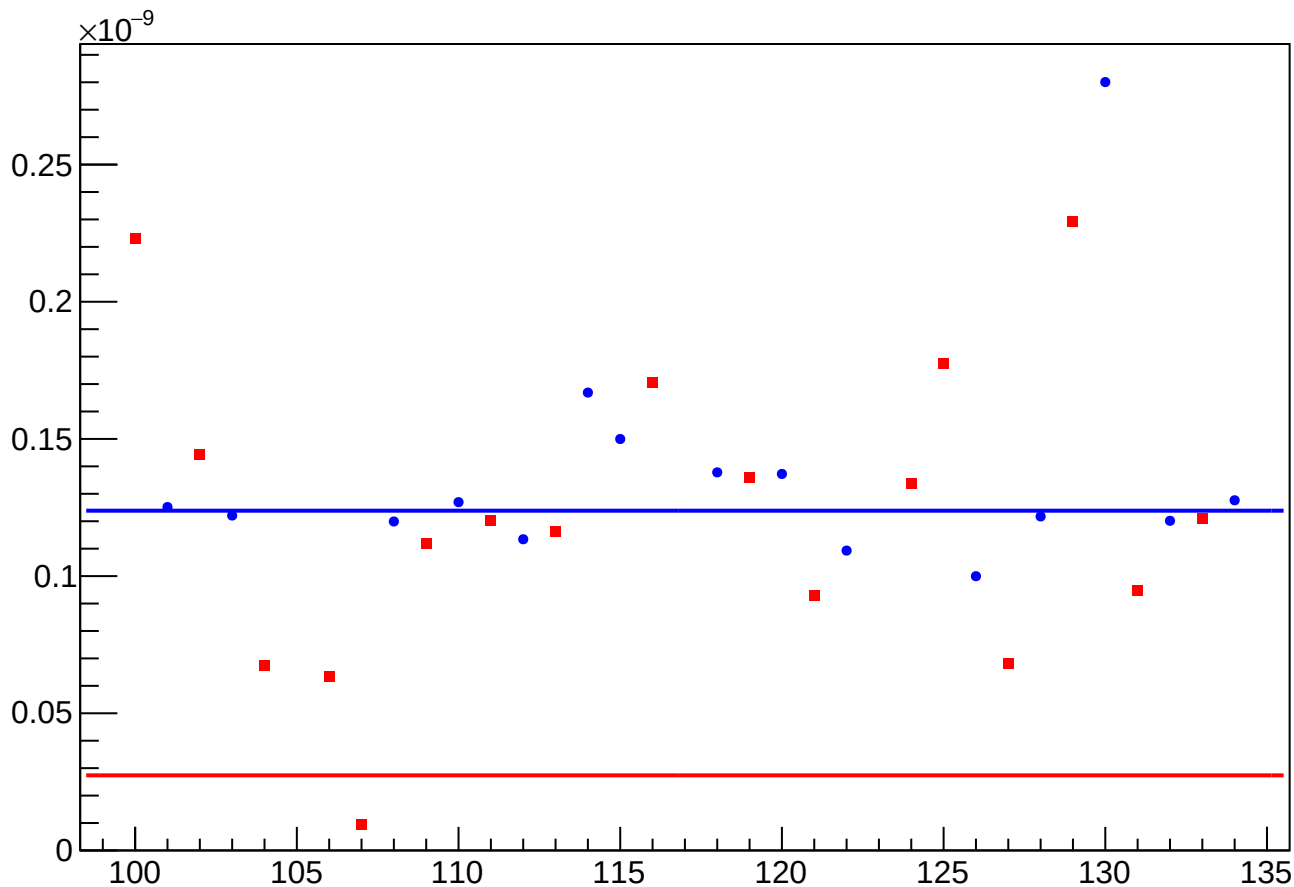
Right: -0.000+/-0.000 χ^2/NDF : 22.0/31

In: 0.000+/-0.000 χ^2/NDF : 9.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/31

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 291308.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5322179.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

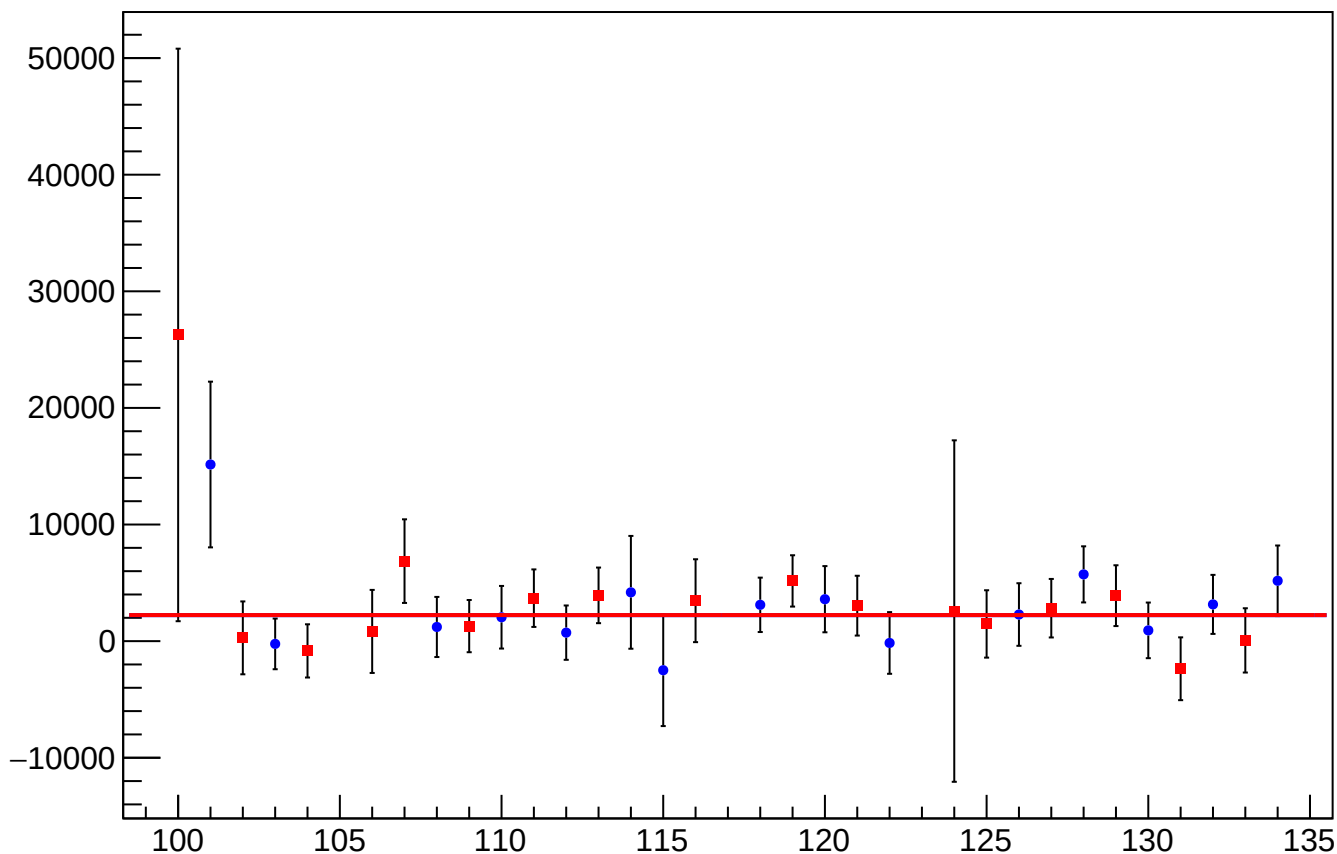
Right: 0.000+/-0.000 χ^2/NDF : 9607723.8/31

In: 0.000+/-0.000 χ^2/NDF : 291308.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9607723.8/31

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2227.417+/-707.977 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2234.978+/-685.162 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

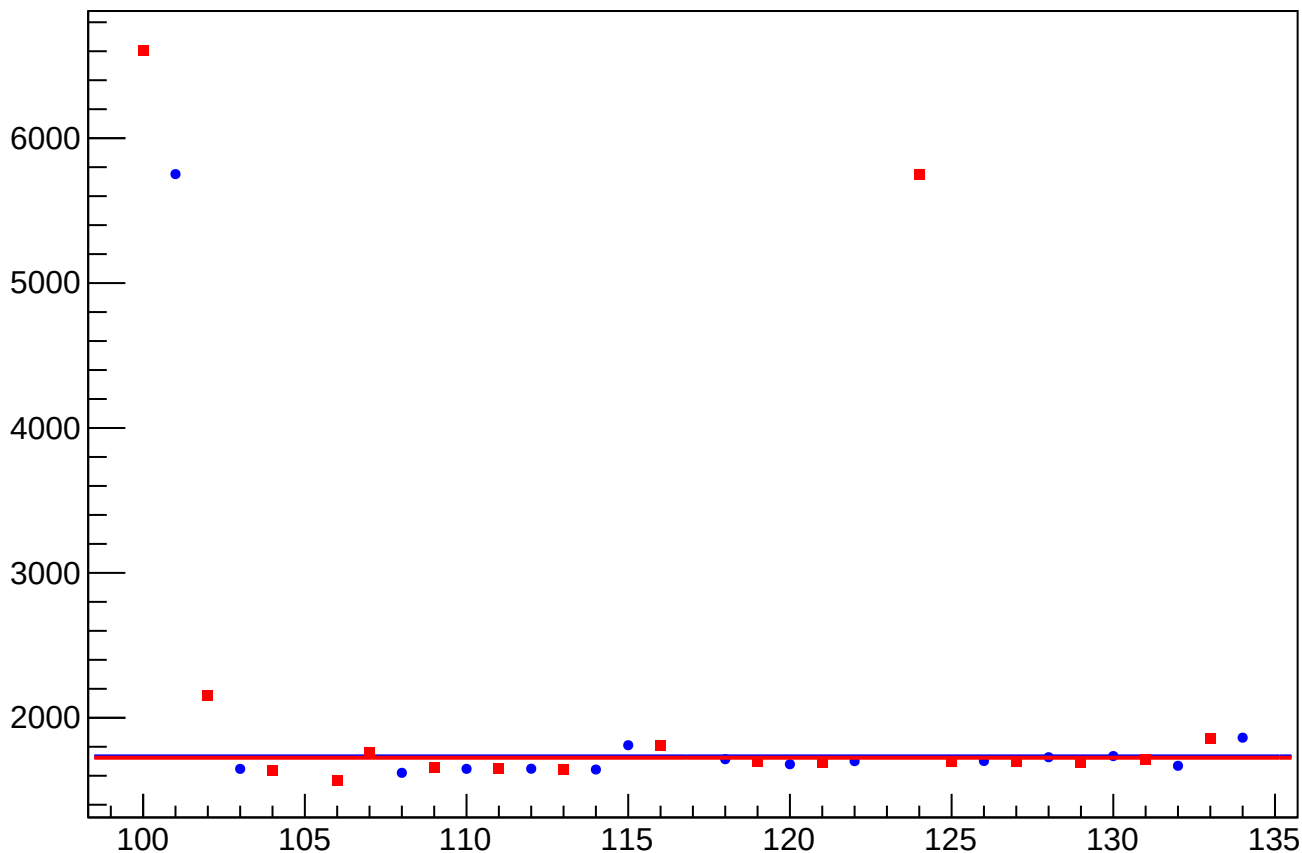
Right: 2231.321+/-492.351 χ^2/NDF : 23.1/31

In: 2227.417+/-707.977 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2231.321+/-492.351 χ^2/NDF : 23.1/31

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1733.690+/-0.501 χ^2/NDF : 659061.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1724.329+/-0.481 χ^2/NDF : 289598.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

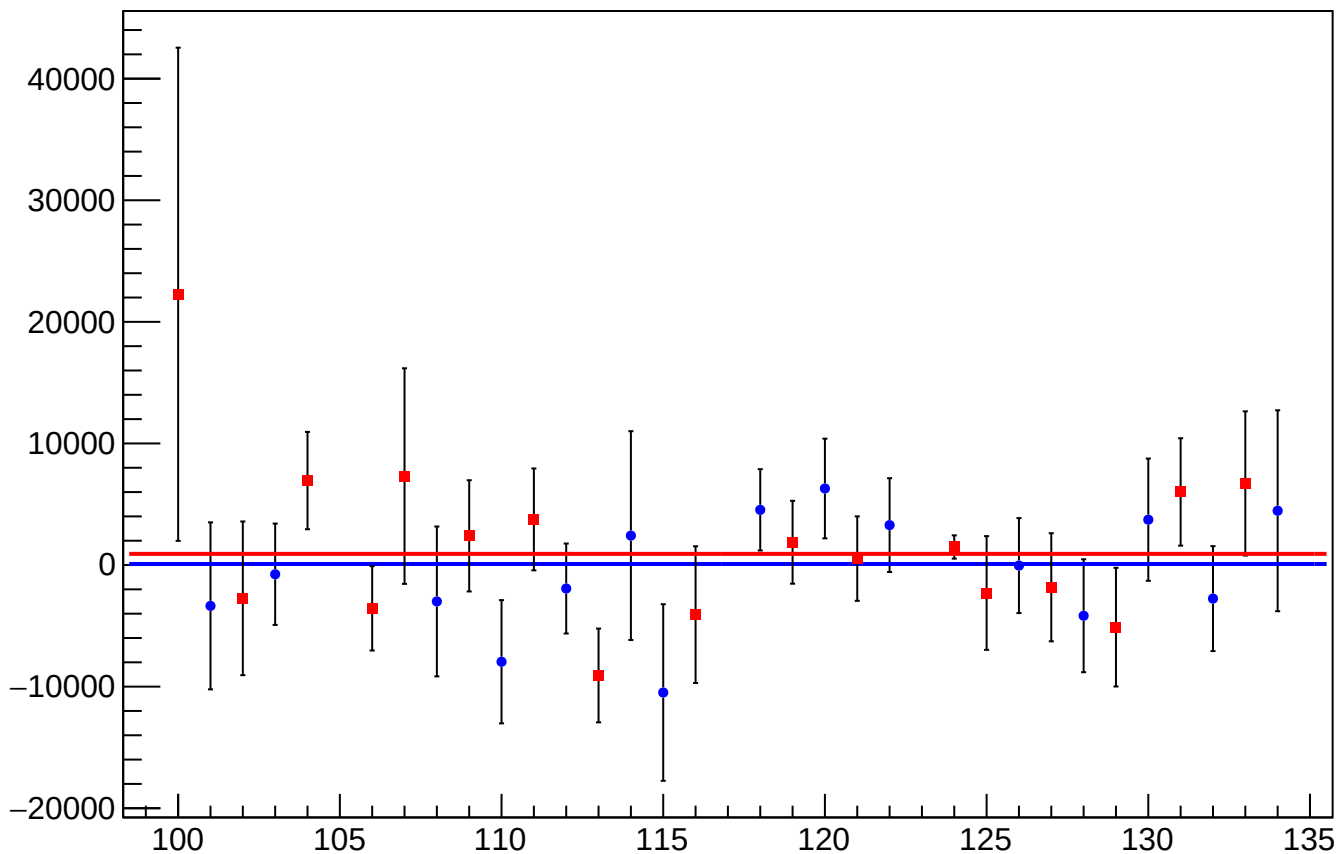
Right: 1728.818+/-0.347 χ^2/NDF : 948841.4/31

In: 1733.690+/-0.501 χ^2/NDF : 659061.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.818+/-0.347 χ^2/NDF : 948841.4/31

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 86.505+/-1207.806 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 919.786+/-731.680 χ^2/NDF : 19.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

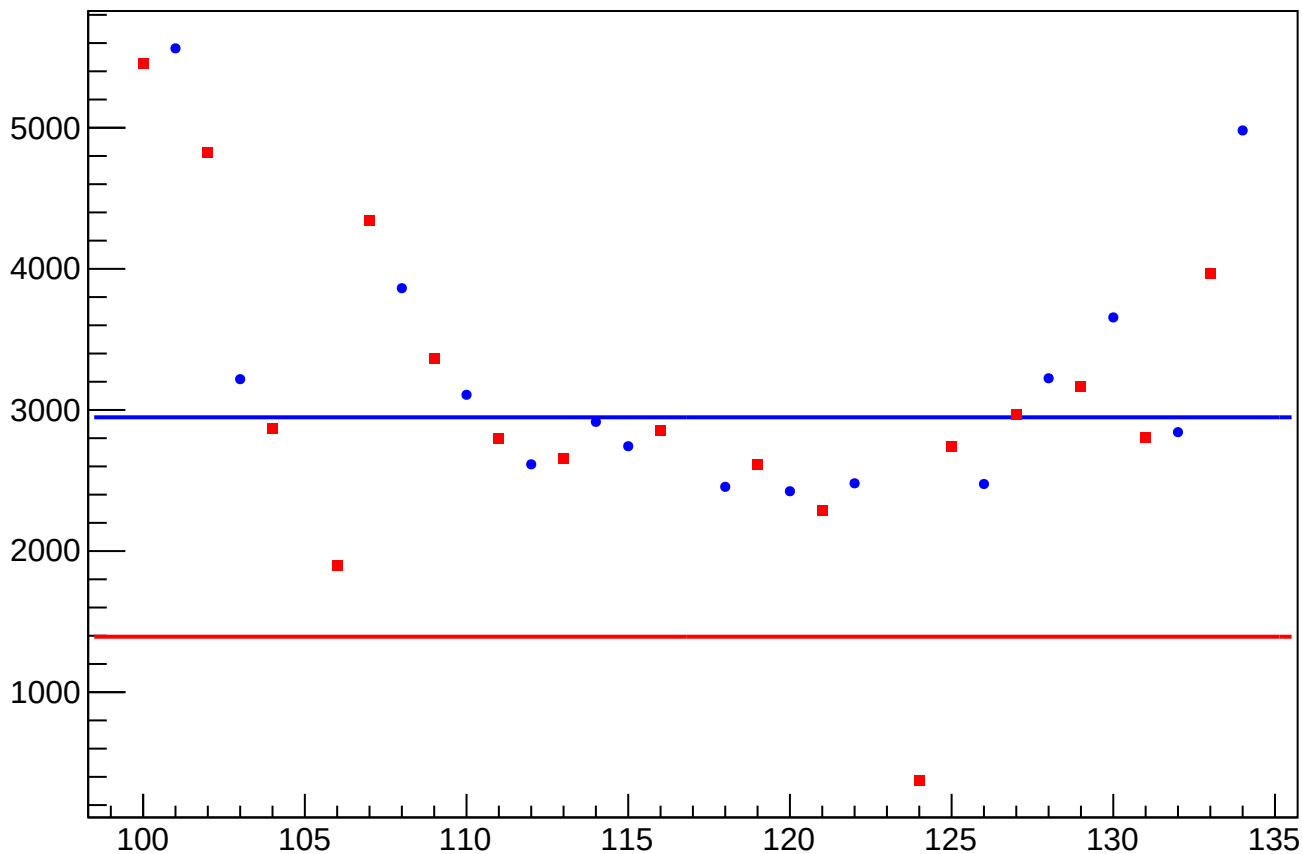
Right: 696.081+/-625.806 χ^2/NDF : 31.8/31

In: 86.505+/-1207.806 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.081+/-625.806 χ^2/NDF : 31.8/31

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2947.980+/-0.854 χ^2/NDF : 665979.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1393.152+/-0.517 χ^2/NDF : 6079120.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

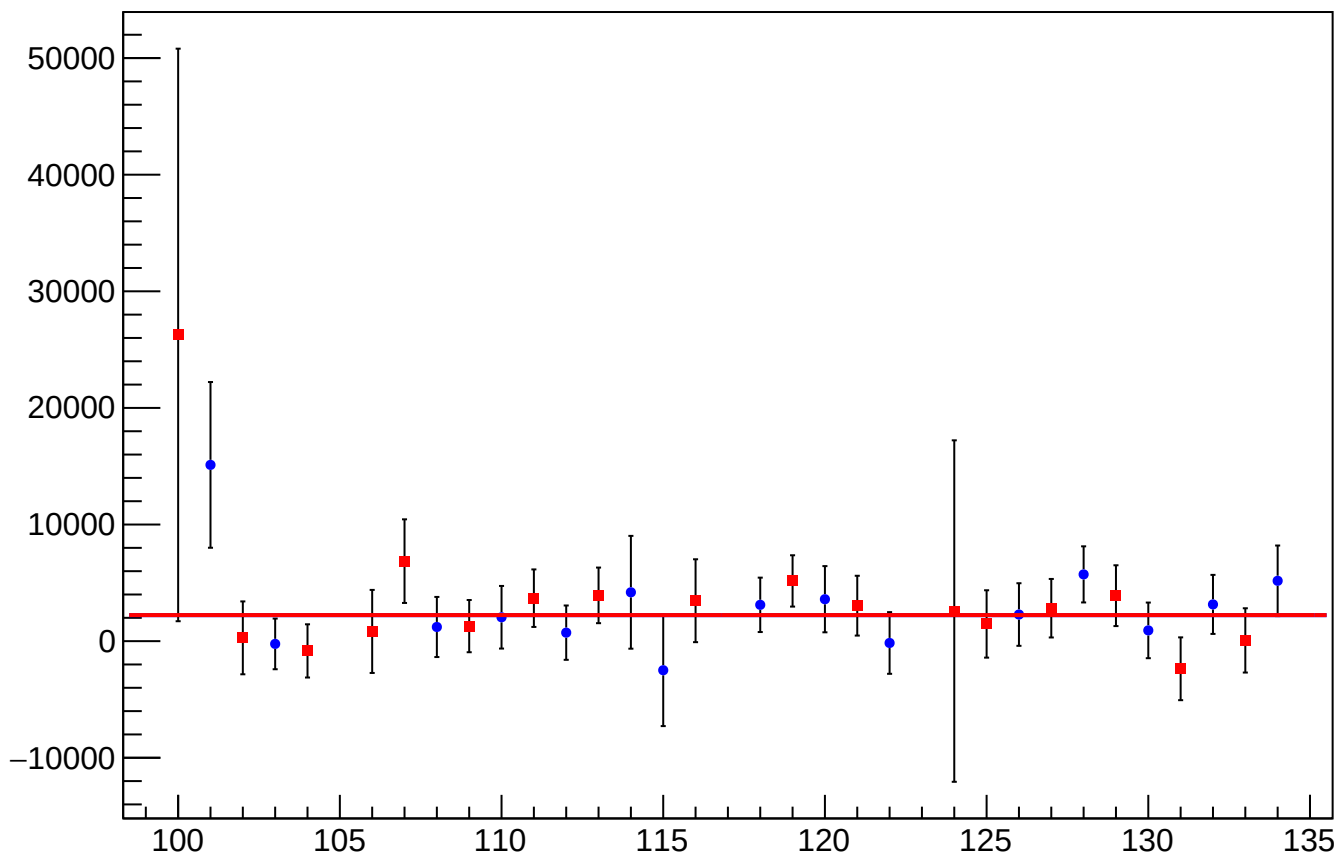
Right: 1810.566+/-0.443 χ^2/NDF : 9169680.0/31

In: 2947.980+/-0.854 χ^2/NDF : 665979.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1810.566+/-0.443 χ^2/NDF : 9169680.0/31

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2227.056+/-707.977 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2235.029+/-685.162 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

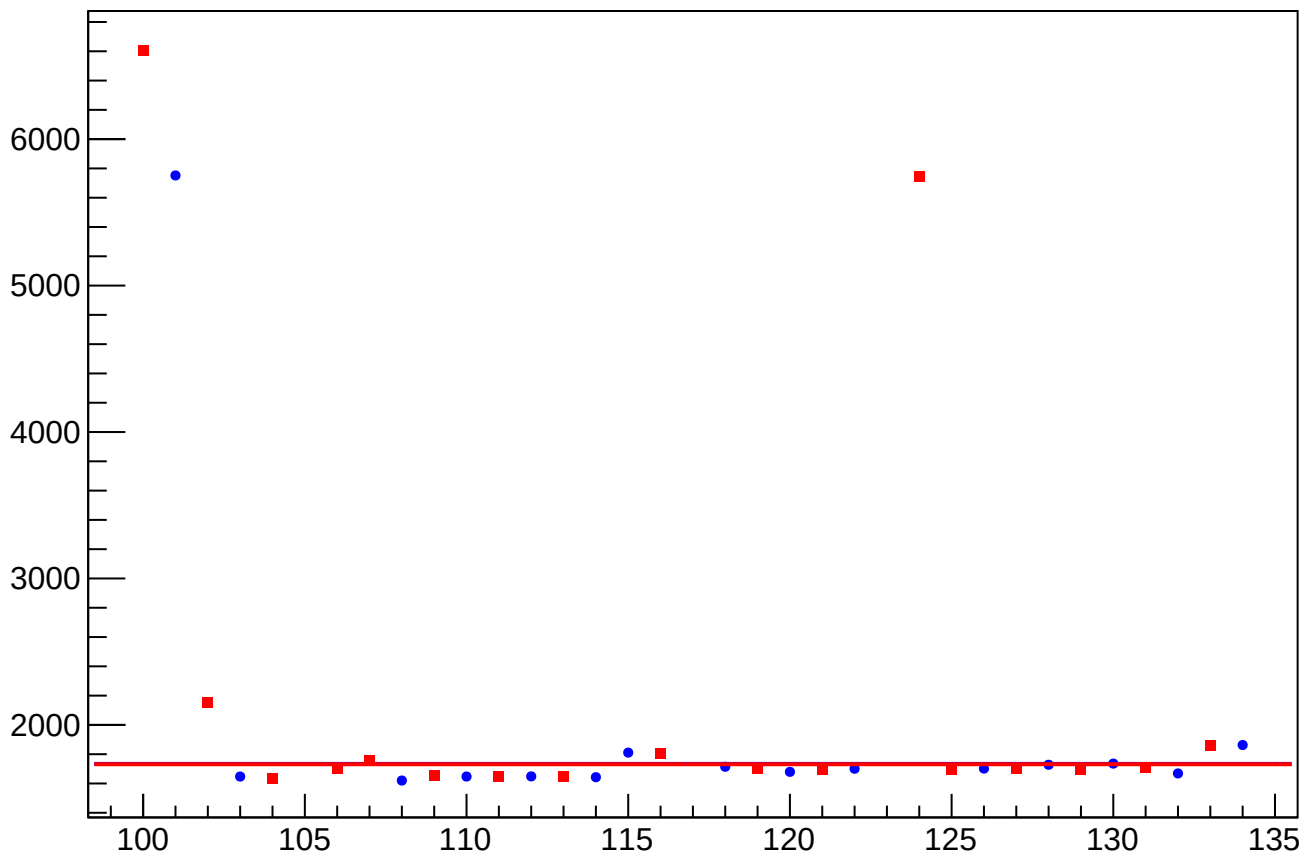
Right: 2231.173+/-492.351 χ^2/NDF : 23.0/31

In: 2227.056+/-707.977 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2231.173+/-492.351 χ^2/NDF : 23.0/31

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1733.689+/-0.501 χ^2/NDF : 659061.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1731.531+/-0.483 χ^2/NDF : 283894.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

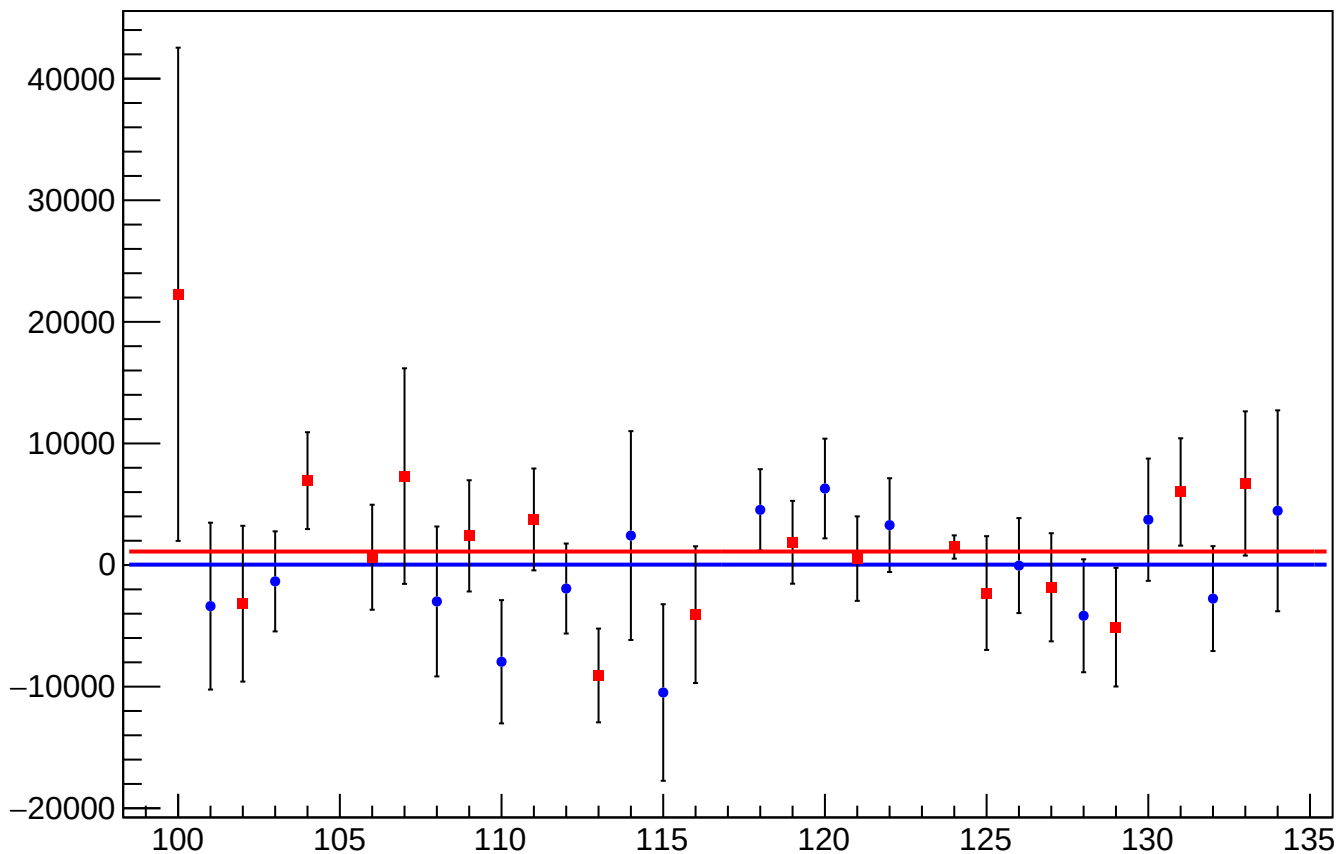
Right: 1732.570+/-0.347 χ^2/NDF : 942965.4/31

In: 1733.689+/-0.501 χ^2/NDF : 659061.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.570+/-0.347 χ^2/NDF : 942965.4/31

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.919+/-1206.491 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1112.056+/-737.544 χ^2/NDF : 17.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

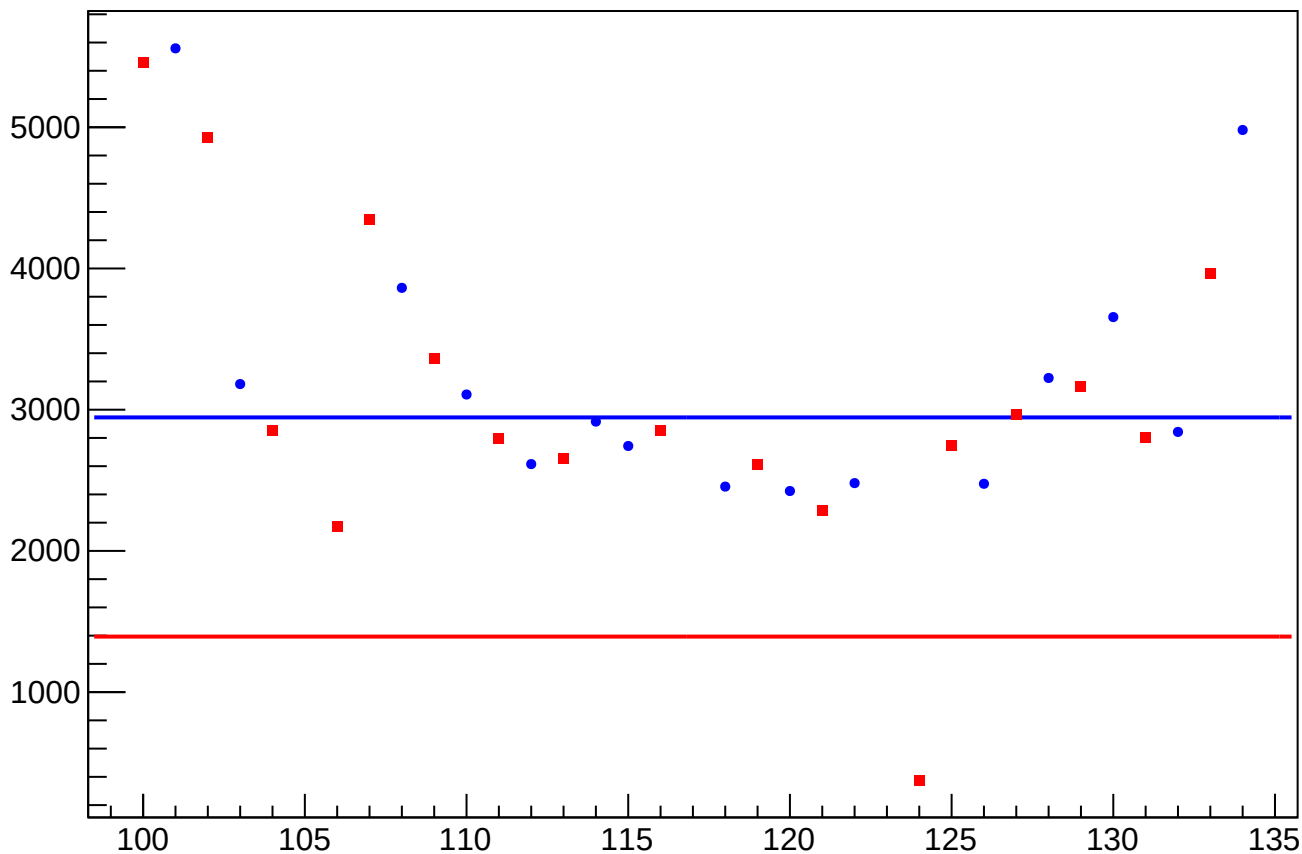
Right: 818.758+/-629.276 χ^2/NDF : 30.5/31

In: 33.919+/-1206.491 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 818.758+/-629.276 χ^2/NDF : 30.5/31

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2945.394+/-0.853 χ^2/NDF : 663533.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1393.274+/-0.522 χ^2/NDF : 6118144.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

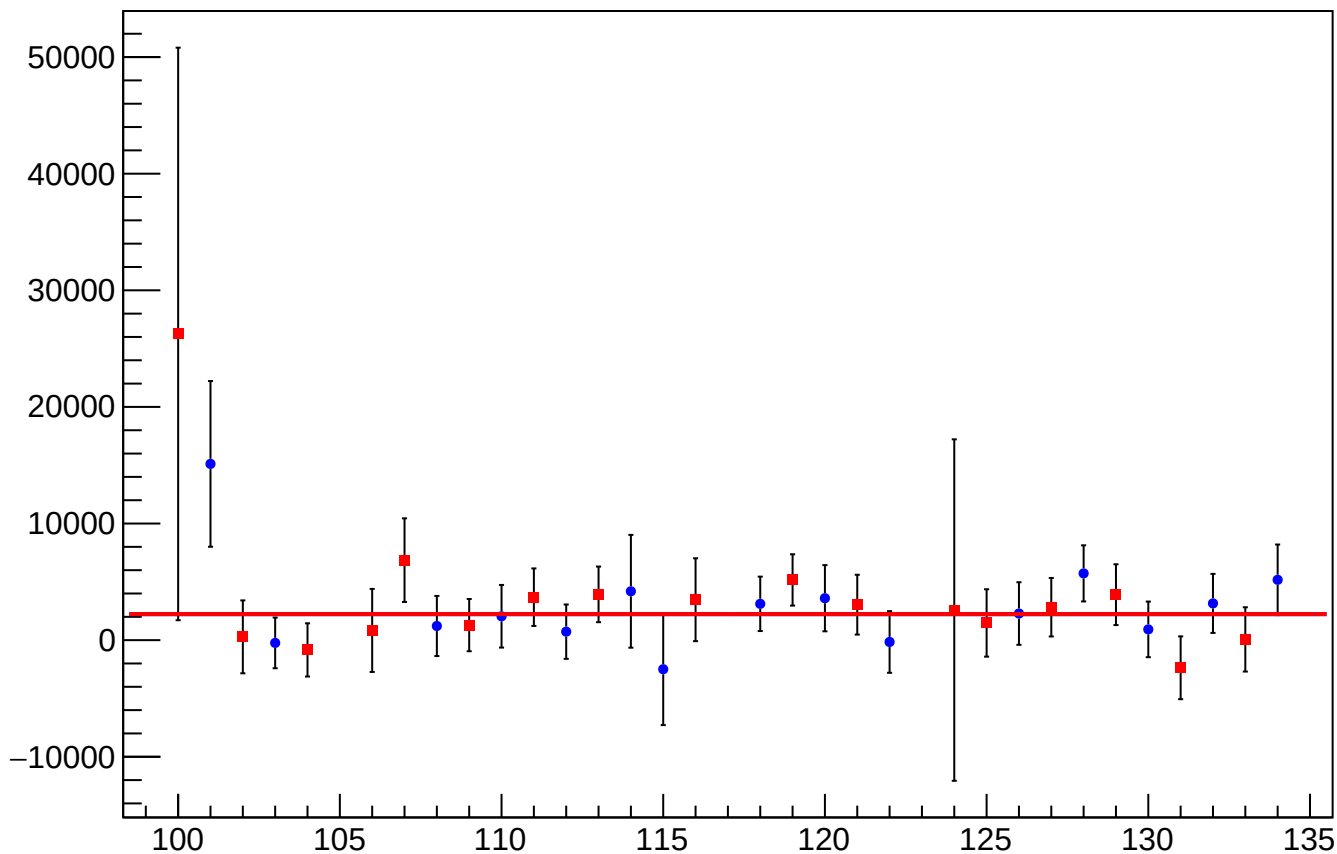
Right: 1815.515+/-0.445 χ^2/NDF : 9191243.7/31

In: 2945.394+/-0.853 χ^2/NDF : 663533.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1815.515+/-0.445 χ^2/NDF : 9191243.7/31

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2227.056+/-707.977 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2235.029+/-685.162 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

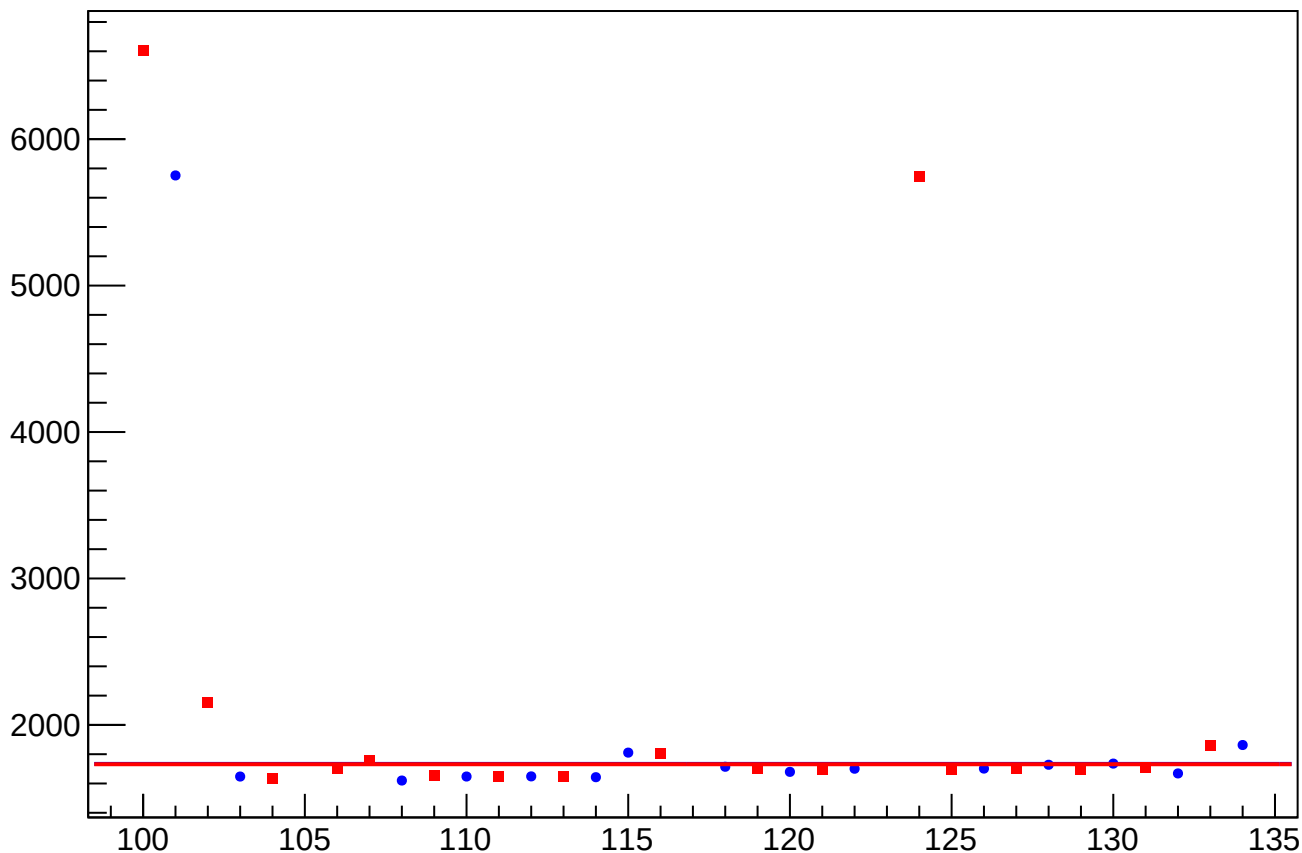
Right: 2231.173+/-492.351 χ^2/NDF : 23.0/31

In: 2227.056+/-707.977 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2231.173+/-492.351 χ^2/NDF : 23.0/31

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1733.689+/-0.501 χ^2/NDF : 659061.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1731.531+/-0.483 χ^2/NDF : 283894.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

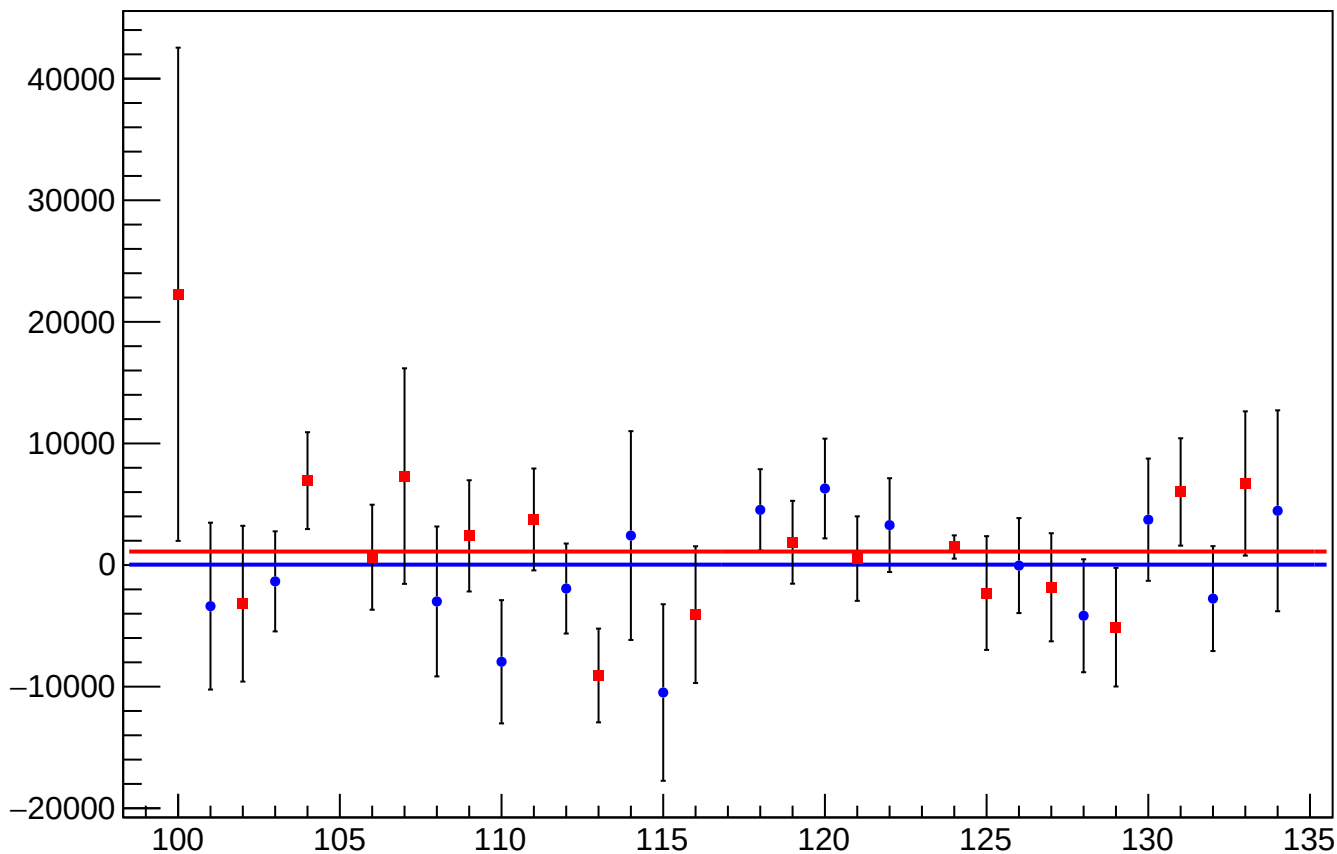
Right: 1732.570+/-0.347 χ^2/NDF : 942965.4/31

In: 1733.689+/-0.501 χ^2/NDF : 659061.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.570+/-0.347 χ^2/NDF : 942965.4/31

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.919+/-1206.491 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1112.056+/-737.544 χ^2/NDF : 17.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

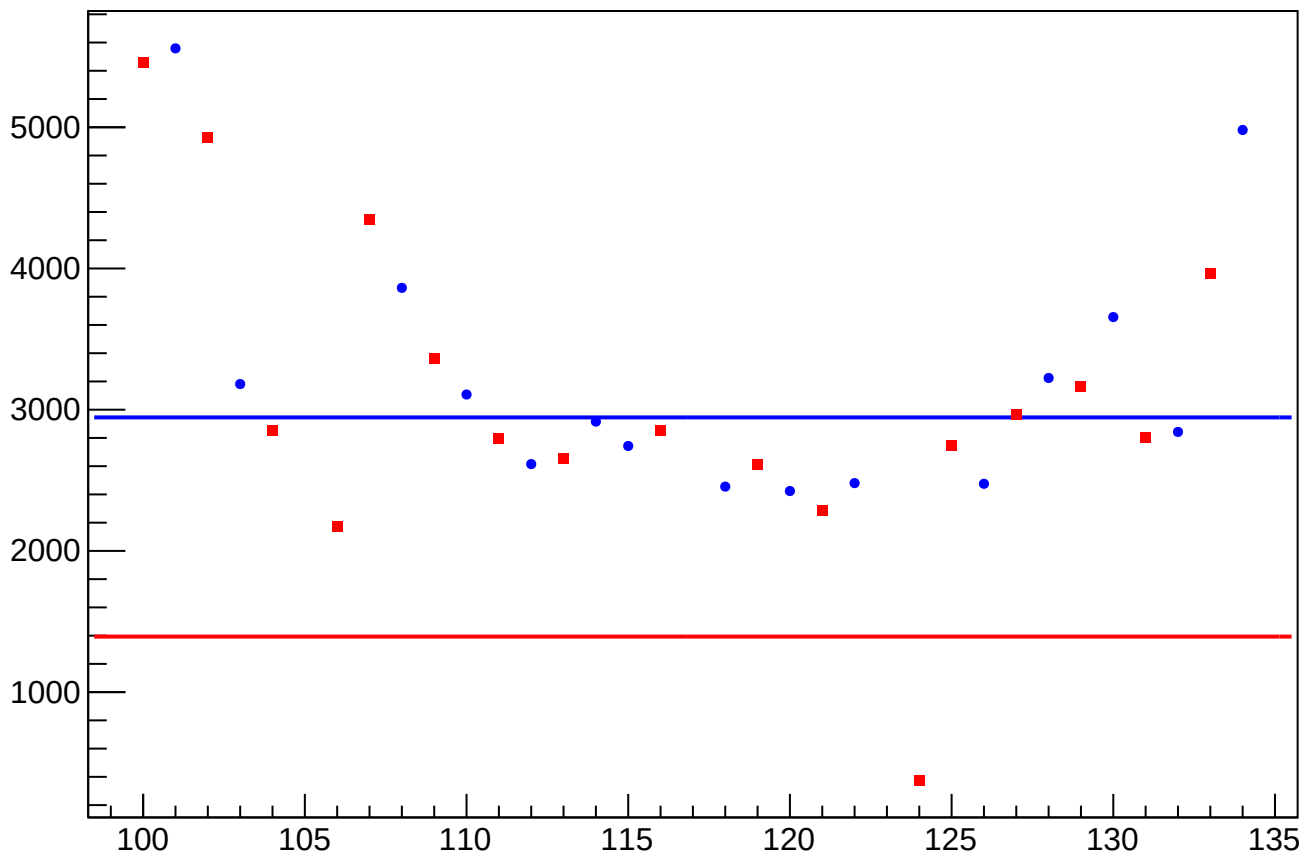
Right: 818.758+/-629.276 χ^2/NDF : 30.5/31

In: 33.919+/-1206.491 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 818.758+/-629.276 χ^2/NDF : 30.5/31

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2945.394+/-0.853 χ^2/NDF : 663533.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1393.274+/-0.522 χ^2/NDF : 6118144.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

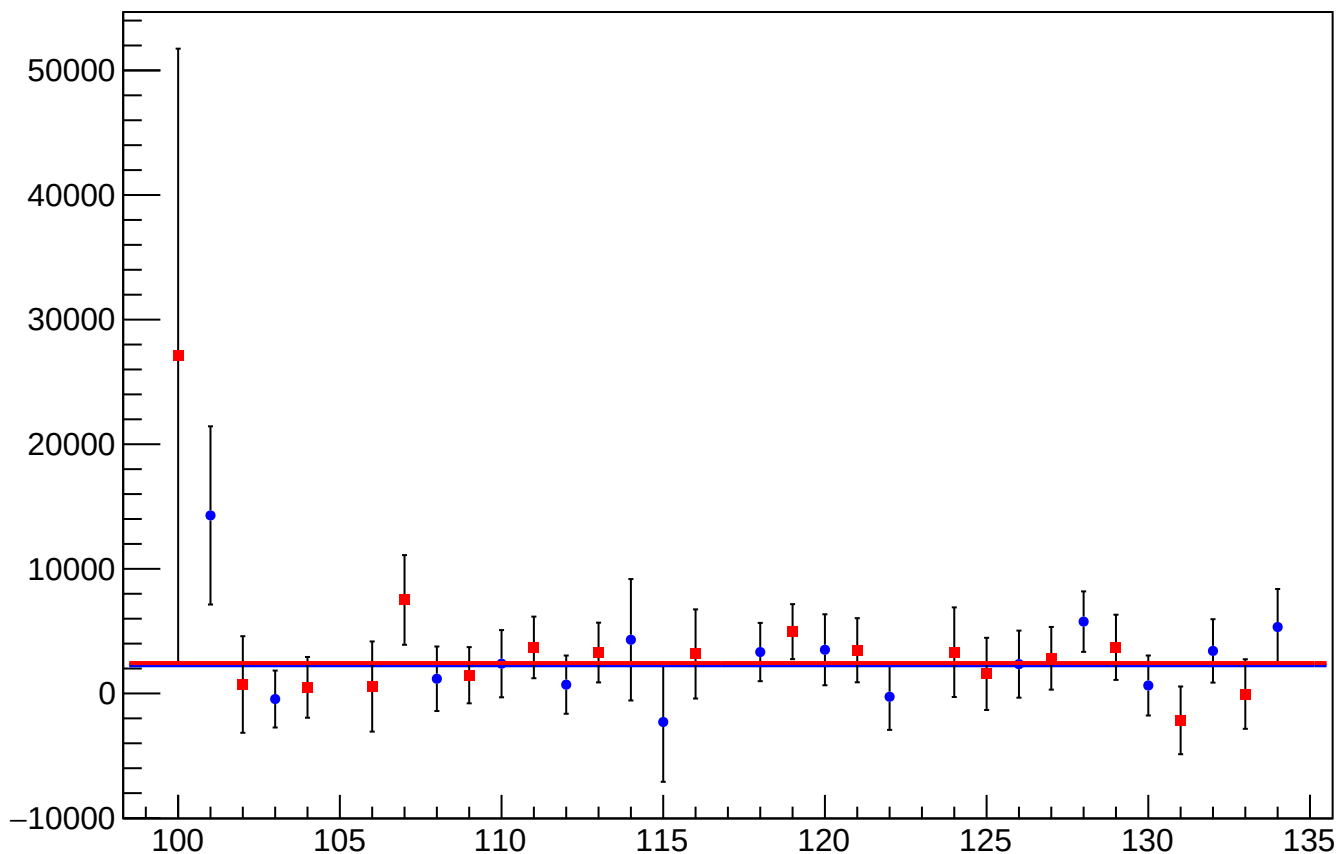
Right: 1815.515+/-0.445 χ^2/NDF : 9191243.7/31

In: 2945.394+/-0.853 χ^2/NDF : 663533.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1815.515+/-0.445 χ^2/NDF : 9191243.7/31

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2261.729+/-714.996 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.283+/-686.292 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

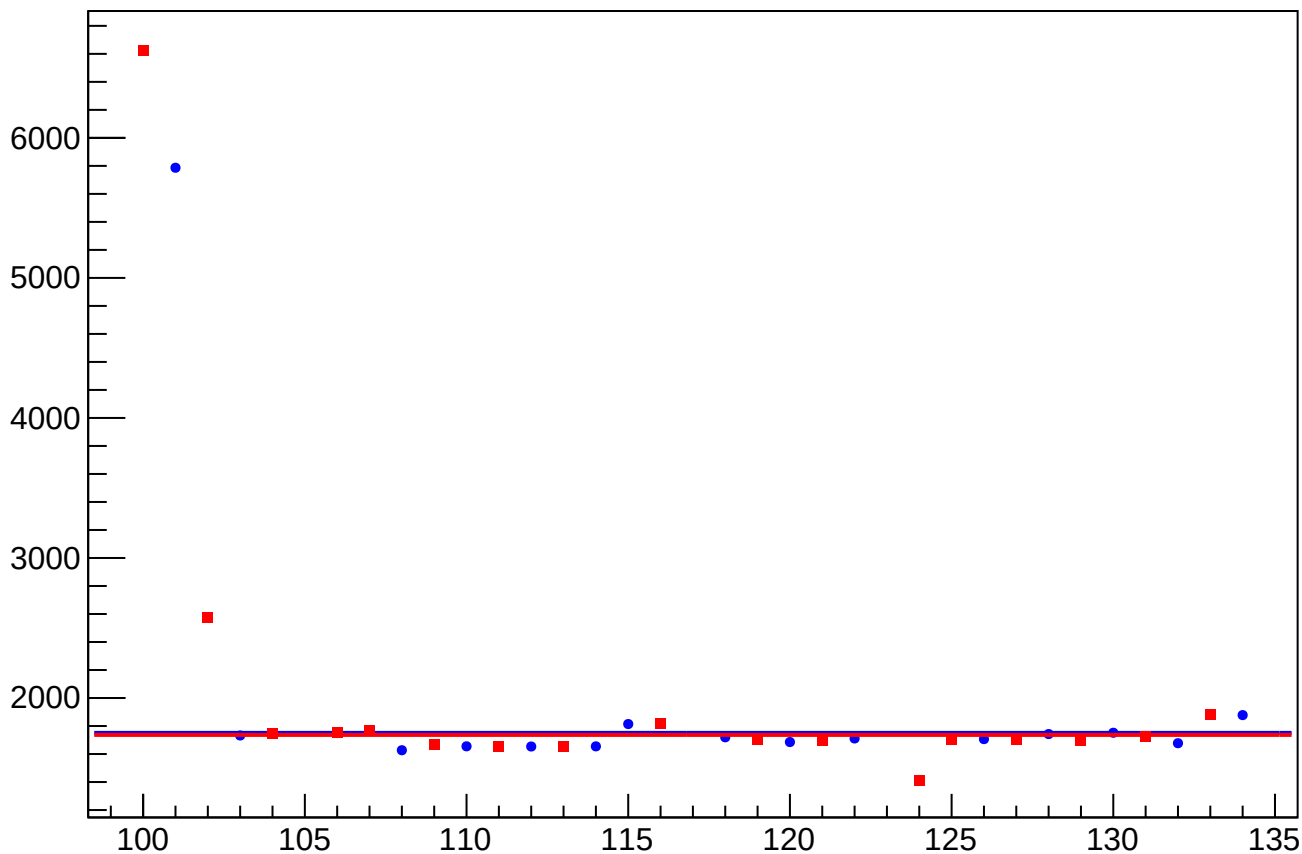
Right: 2354.662+/-495.118 χ^2/NDF : 21.3/31

In: 2261.729+/-714.996 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.662+/-495.118 χ^2/NDF : 21.3/31

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.988+/-0.506 χ^2/NDF : 656598.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.499+/-0.484 χ^2/NDF : 203655.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

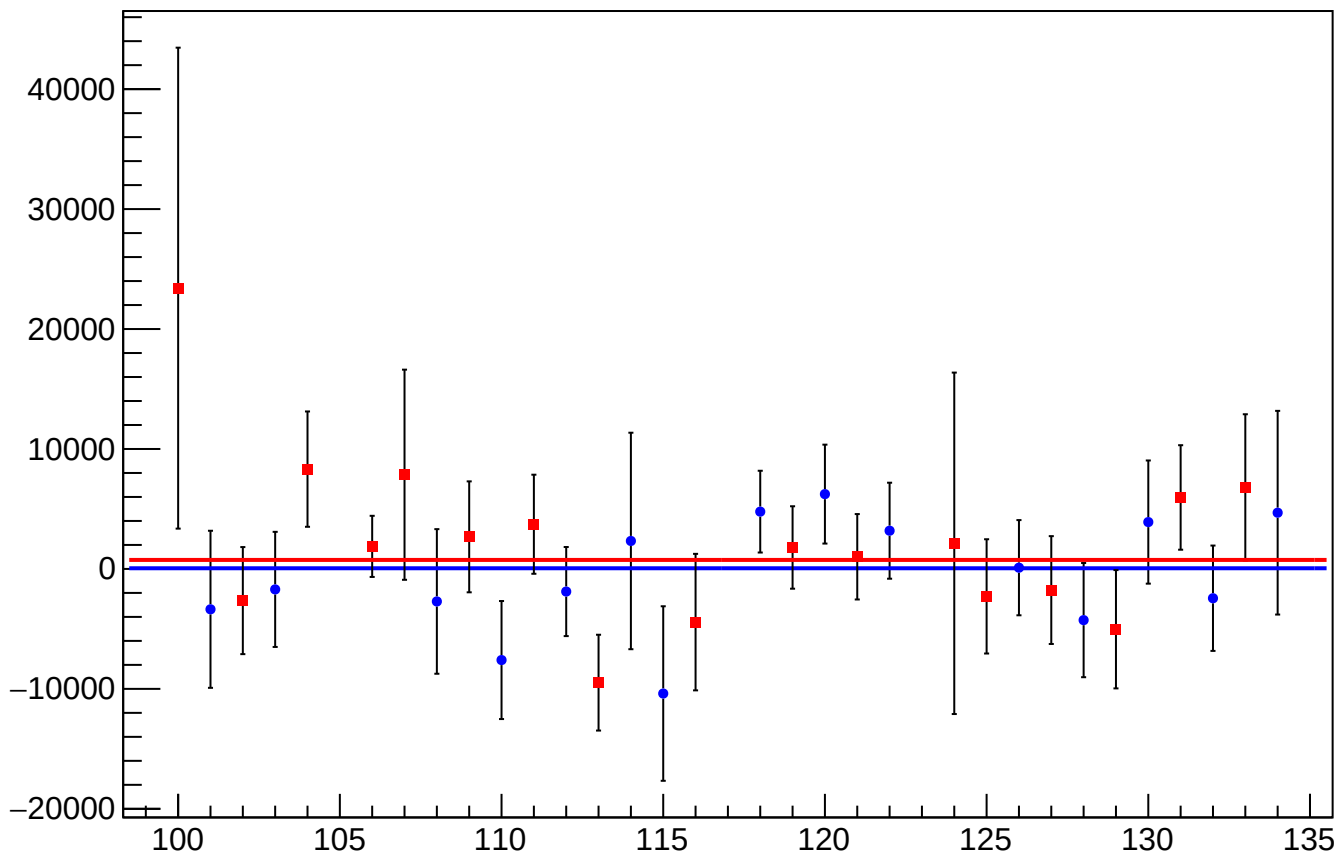
Right: 1743.426+/-0.350 χ^2/NDF : 860683.1/31

In: 1750.988+/-0.506 χ^2/NDF : 656598.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.426+/-0.350 χ^2/NDF : 860683.1/31

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 55.108+/-1232.894 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 750.187+/-1088.047 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

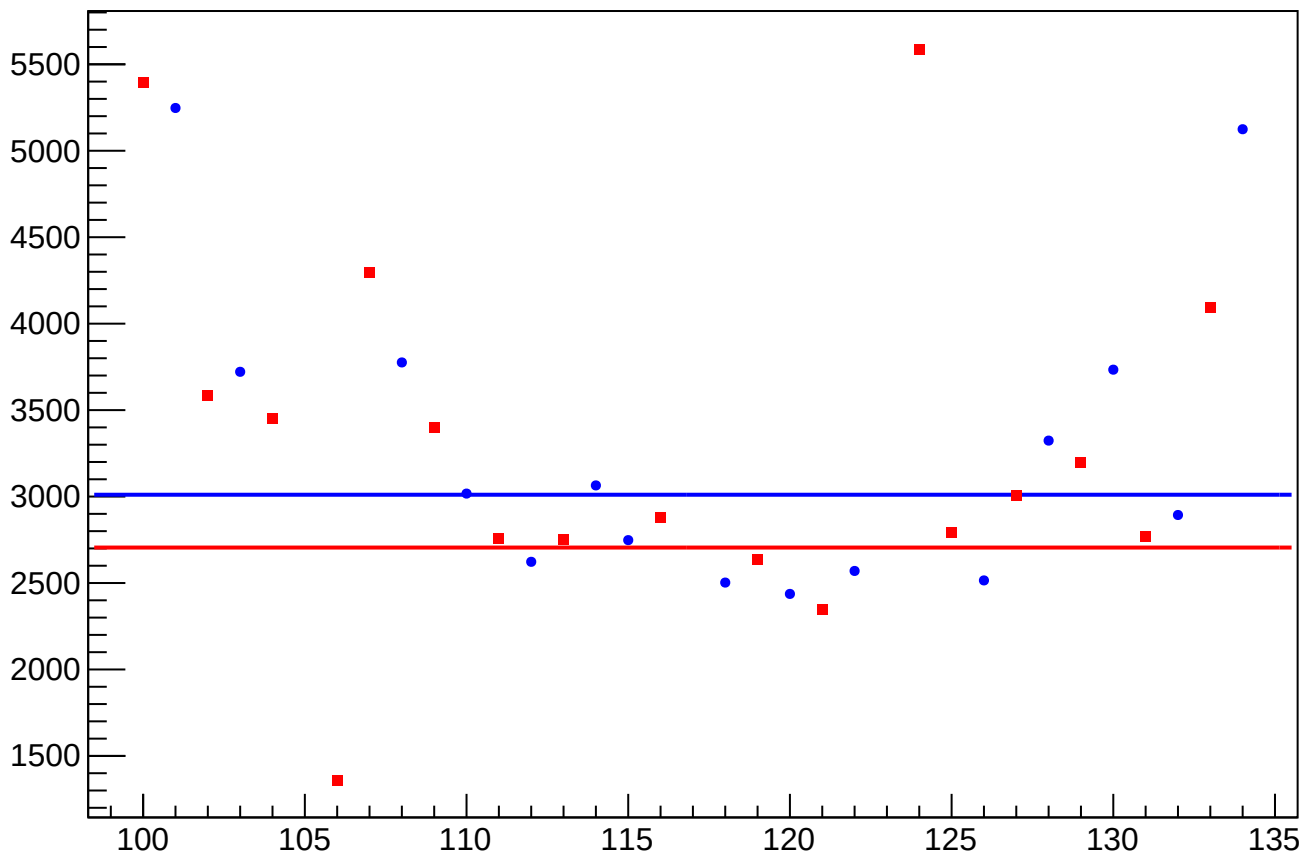
Right: 445.858+/-815.793 χ^2/NDF : 30.3/31

In: 55.108+/-1232.894 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.858+/-815.793 χ^2/NDF : 30.3/31

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3010.607+/-0.872 χ^2/NDF : 646325.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2705.132+/-0.769 χ^2/NDF : 1071216.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

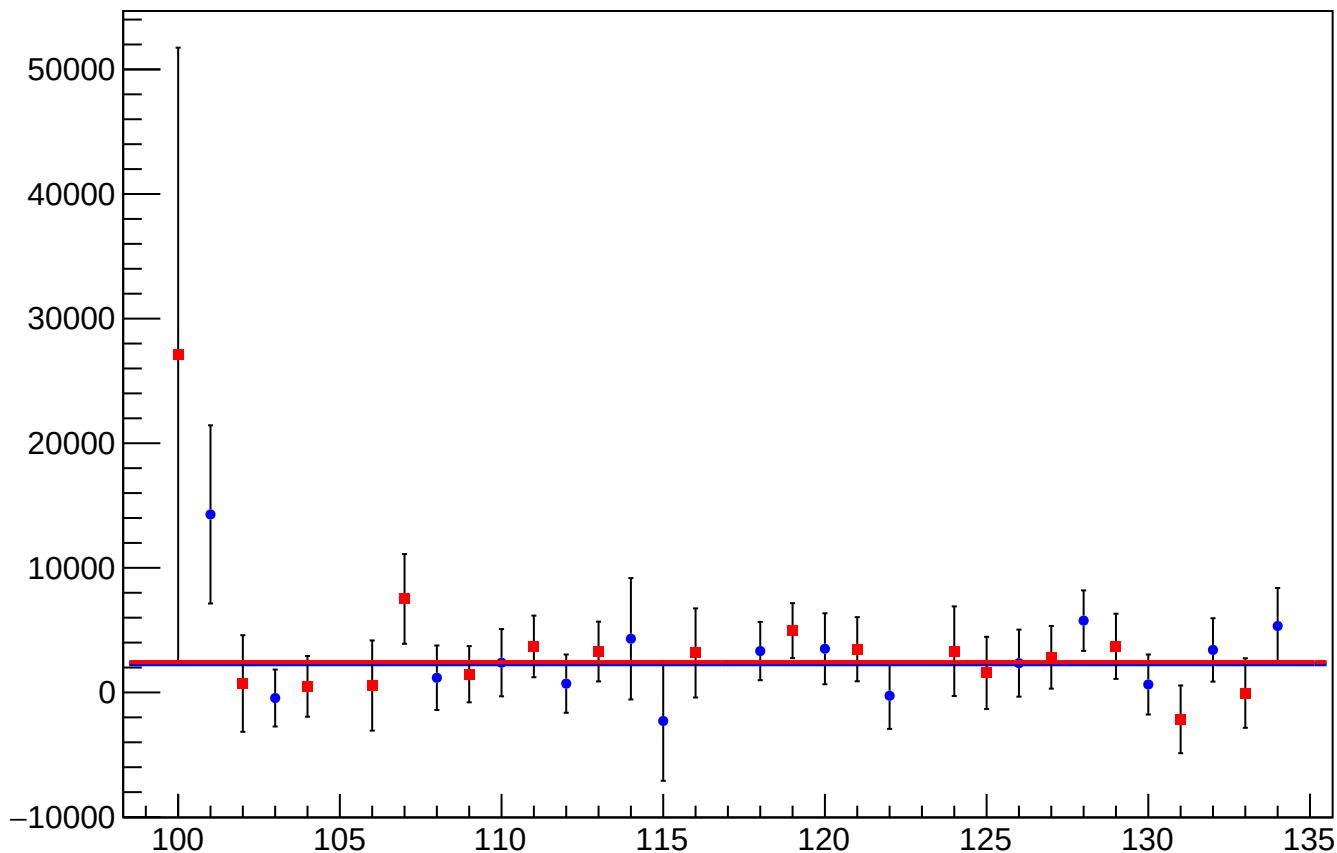
Right: 2838.879+/-0.577 χ^2/NDF : 1786564.6/31

In: 3010.607+/-0.872 χ^2/NDF : 646325.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.879+/-0.577 χ^2/NDF : 1786564.6/31

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2261.734+/-714.996 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.284+/-686.291 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

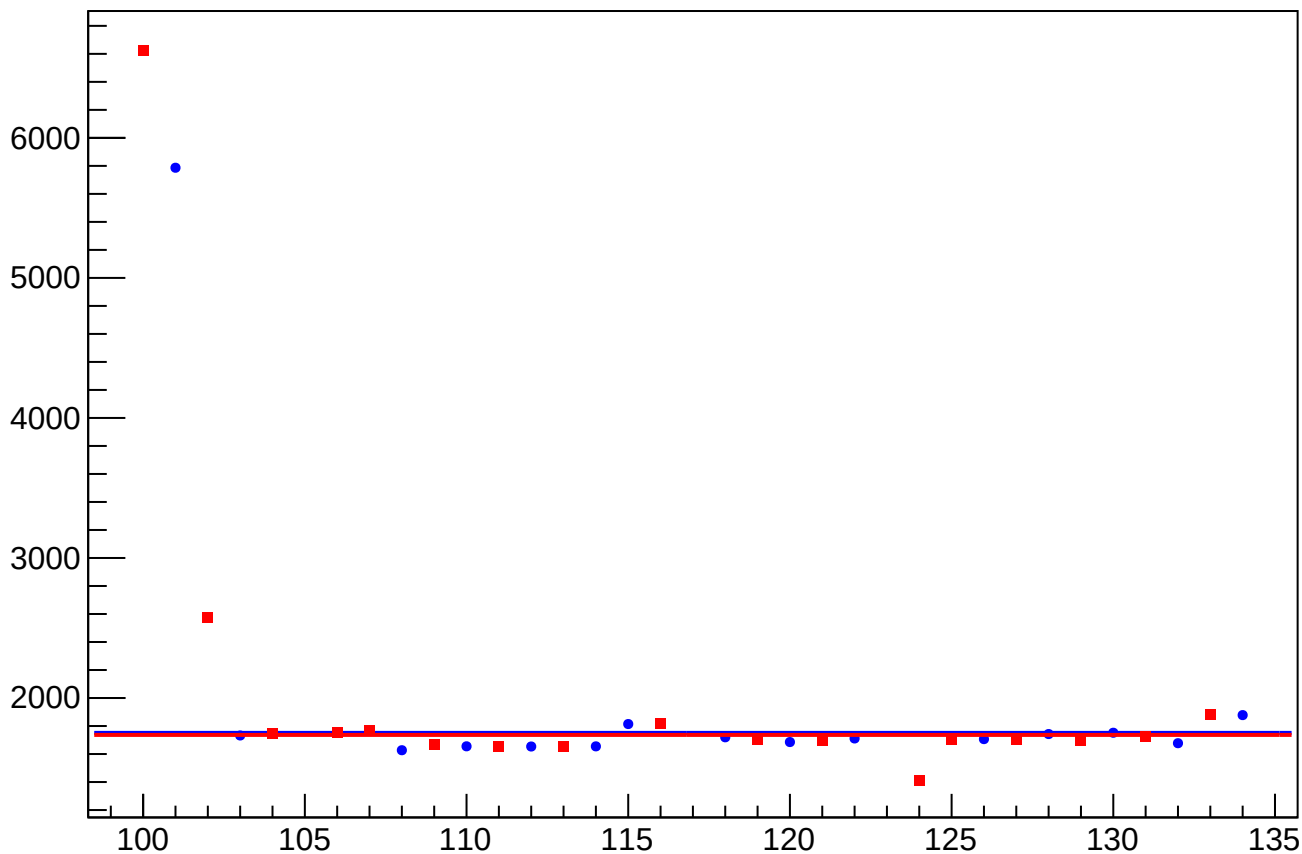
Right: 2354.665+/-495.118 χ^2/NDF : 21.3/31

In: 2261.734+/-714.996 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.665+/-495.118 χ^2/NDF : 21.3/31

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.988+/-0.506 χ^2/NDF : 656598.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.499+/-0.484 χ^2/NDF : 203655.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

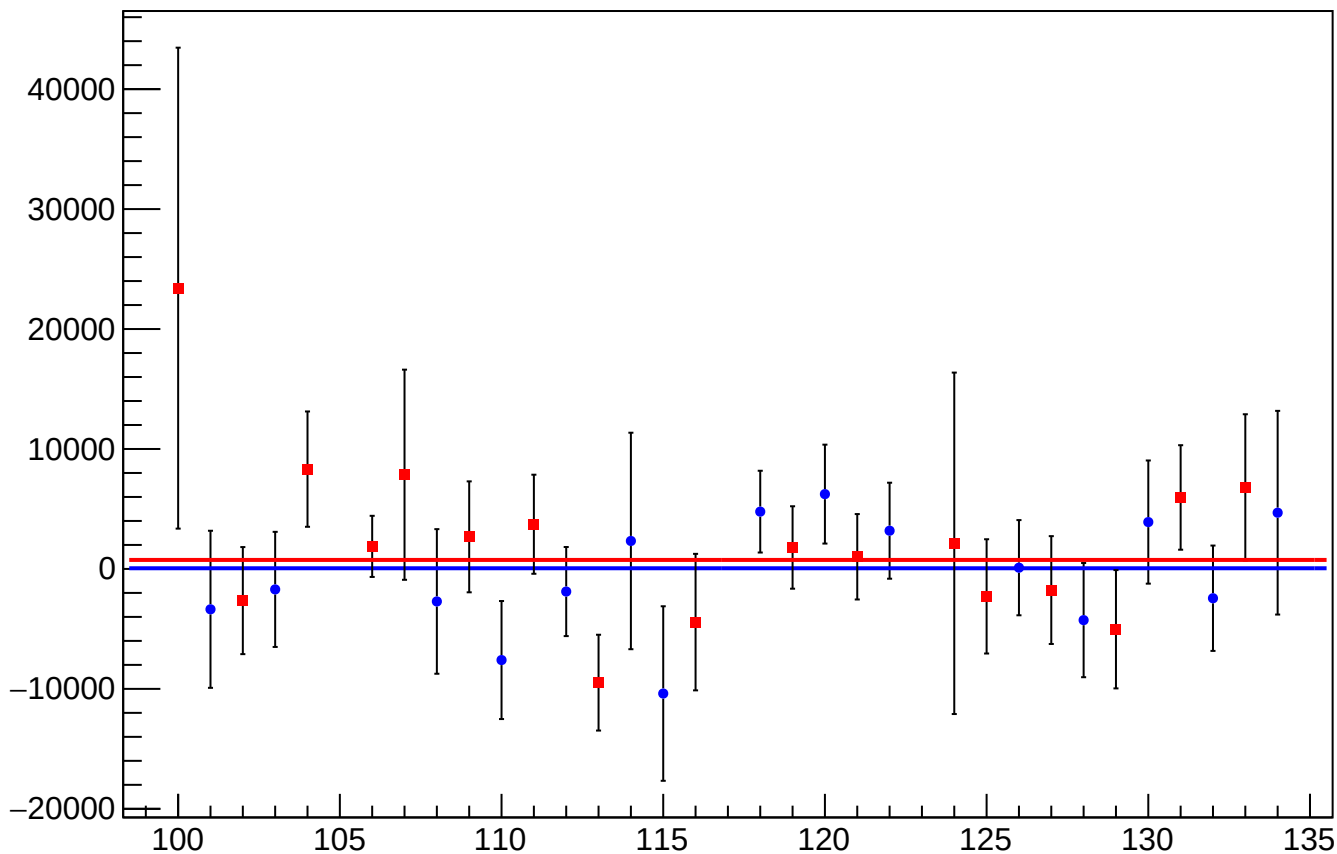
Right: 1743.426+/-0.350 χ^2/NDF : 860682.9/31

In: 1750.988+/-0.506 χ^2/NDF : 656598.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.426+/-0.350 χ^2/NDF : 860682.9/31

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 55.111+/-1232.890 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 750.188+/-1088.042 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

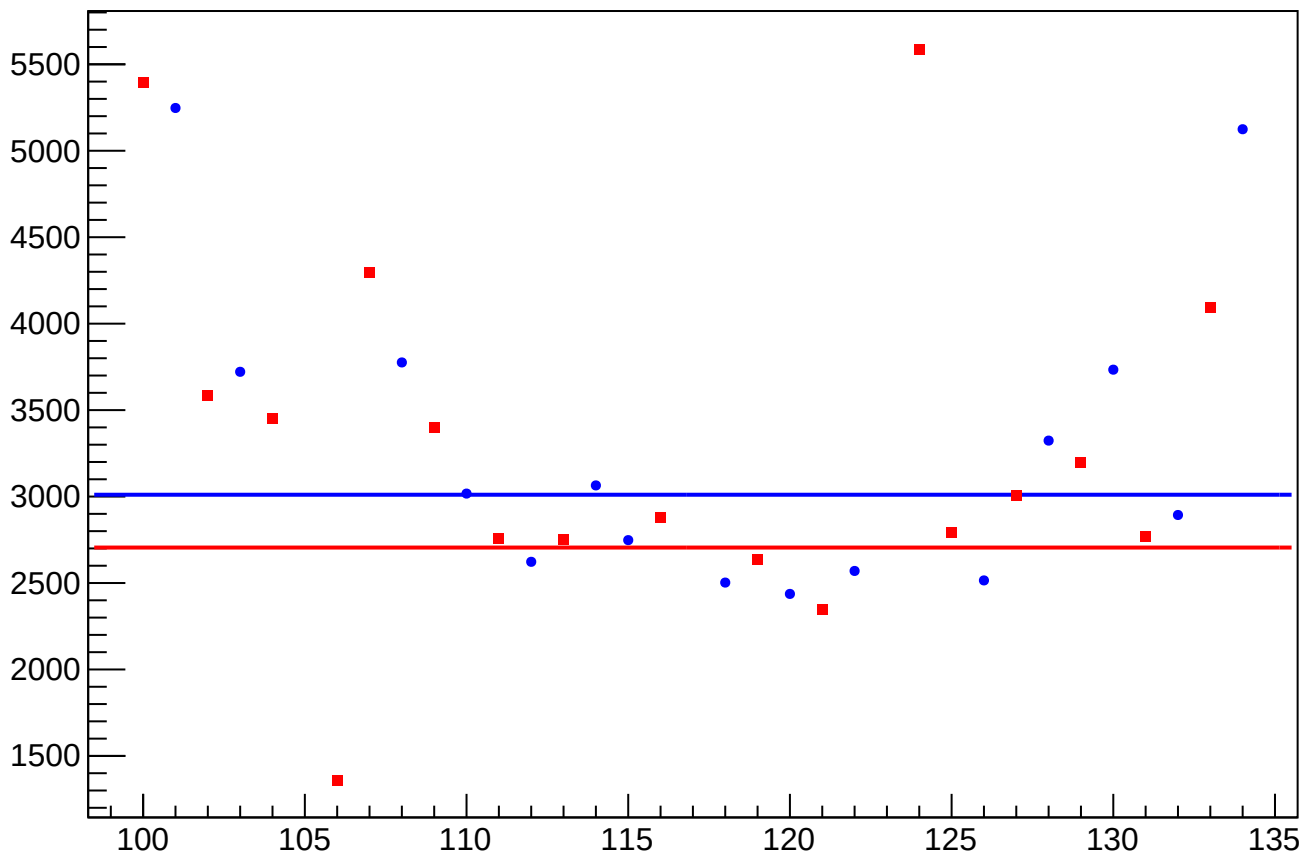
Right: 445.861+/-815.790 χ^2/NDF : 30.3/31

In: 55.111+/-1232.890 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.861+/-815.790 χ^2/NDF : 30.3/31

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3010.595+/-0.872 χ^2/NDF : 646330.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2705.119+/-0.769 χ^2/NDF : 1071230.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

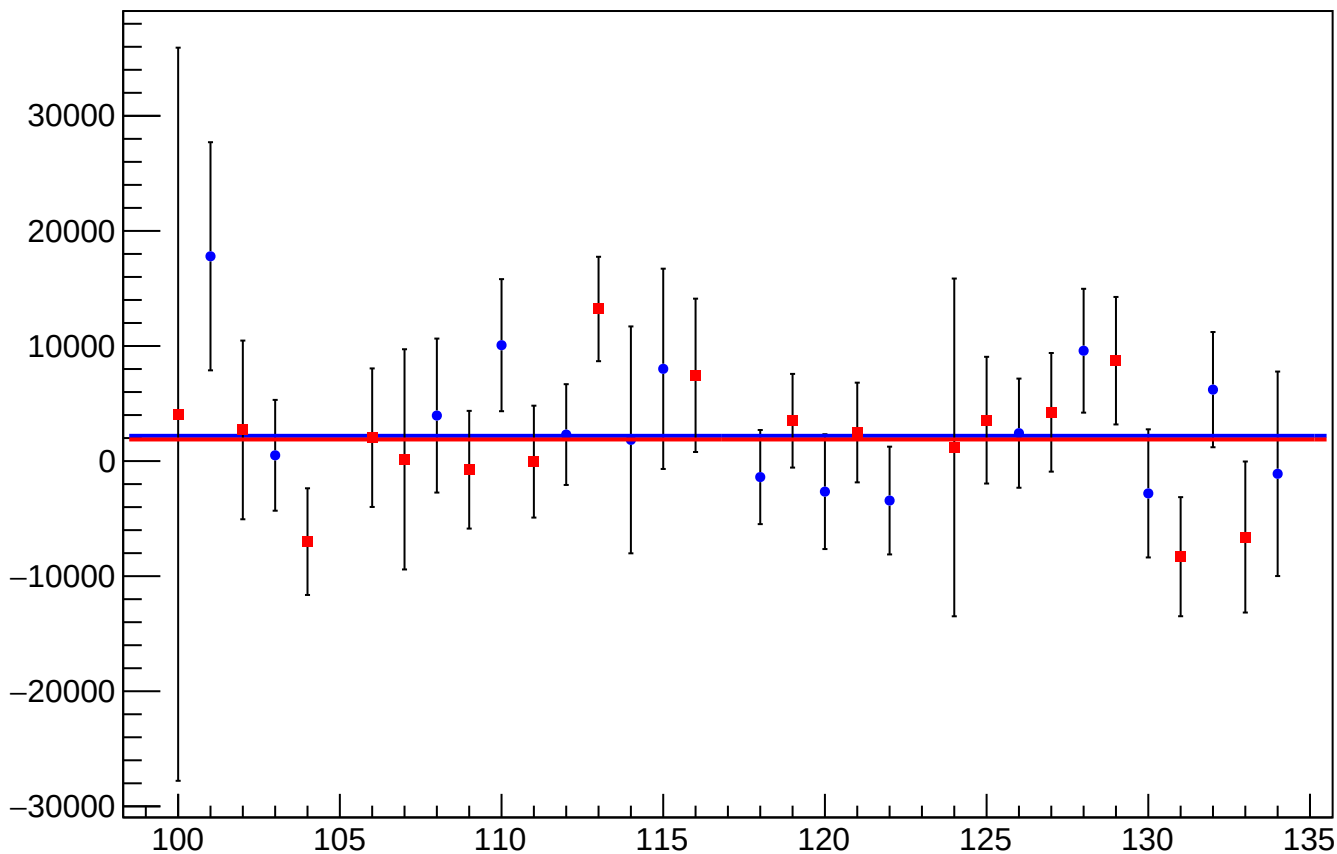
Right: 2838.866+/-0.577 χ^2/NDF : 1786585.4/31

In: 3010.595+/-0.872 χ^2/NDF : 646330.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.866+/-0.577 χ^2/NDF : 1786585.4/31

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2195.070+/-1426.924 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.417+/-1365.463 χ^2/NDF : 18.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

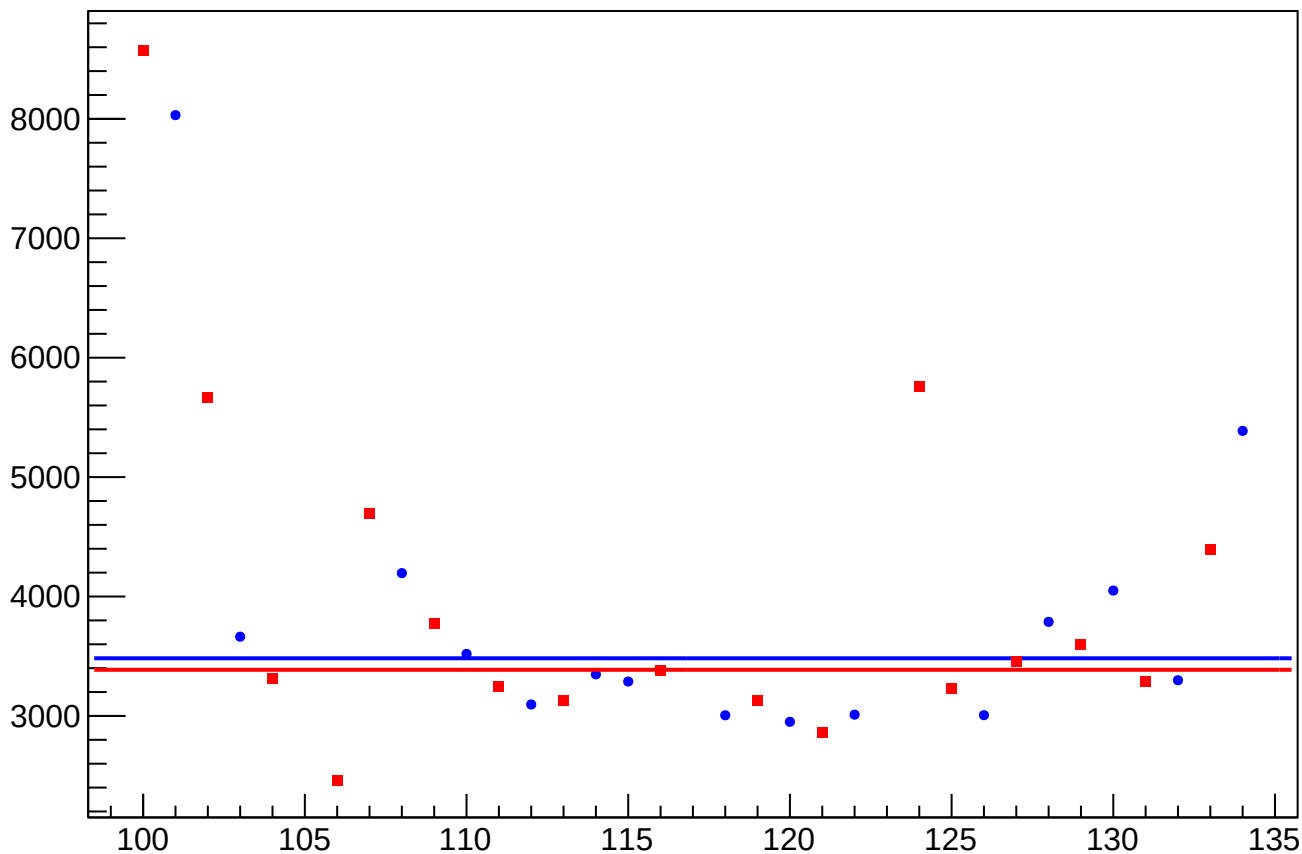
Right: 2029.255+/-986.541 χ^2/NDF : 30.3/31

In: 2195.070+/-1426.924 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2029.255+/-986.541 χ^2/NDF : 30.3/31

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3482.766+/-1.009 χ^2/NDF : 676010.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3386.399+/-0.950 χ^2/NDF : 502247.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

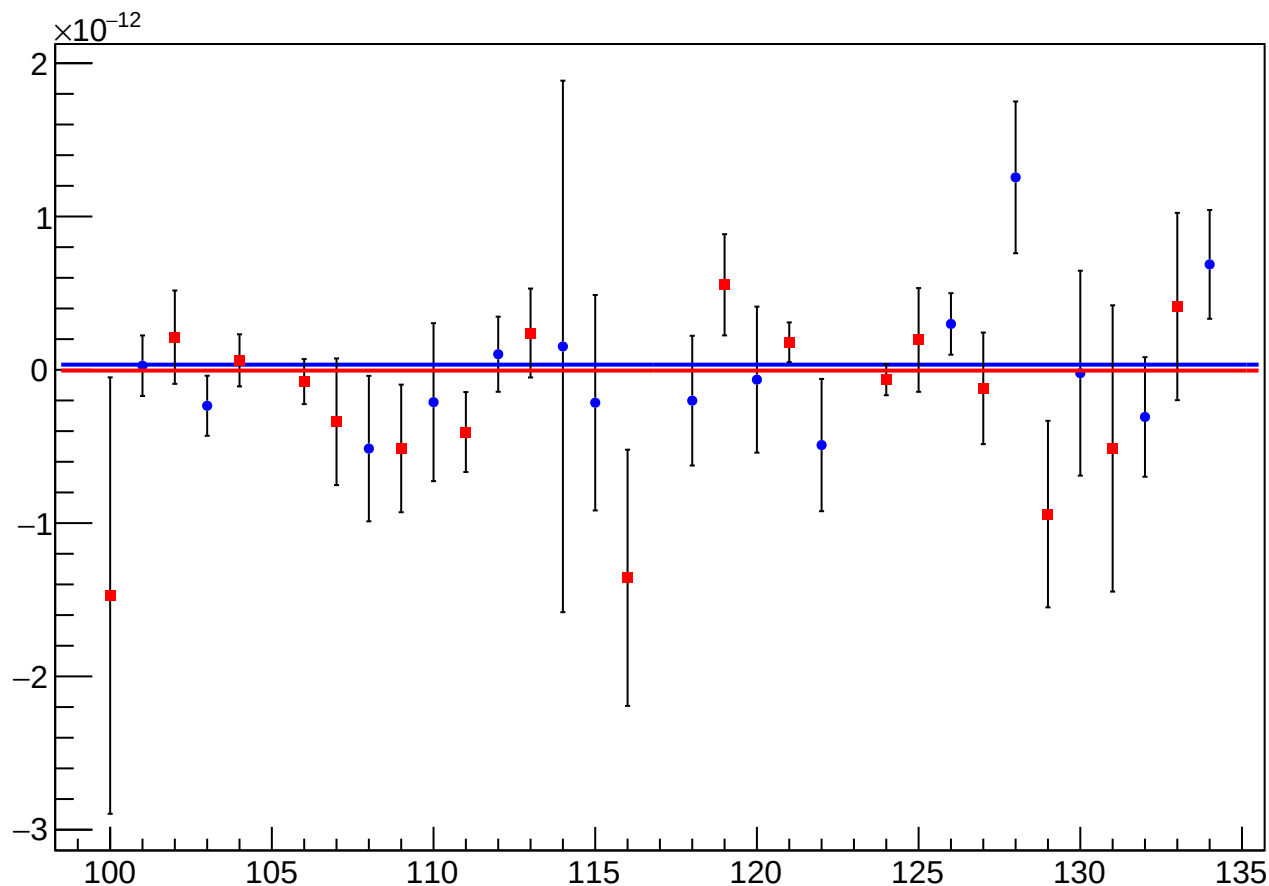
Right: 3431.691+/-0.692 χ^2/NDF : 1183092.6/31

In: 3482.766+/-1.009 χ^2/NDF : 676010.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3431.691+/-0.692 χ^2/NDF : 1183092.6/31

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

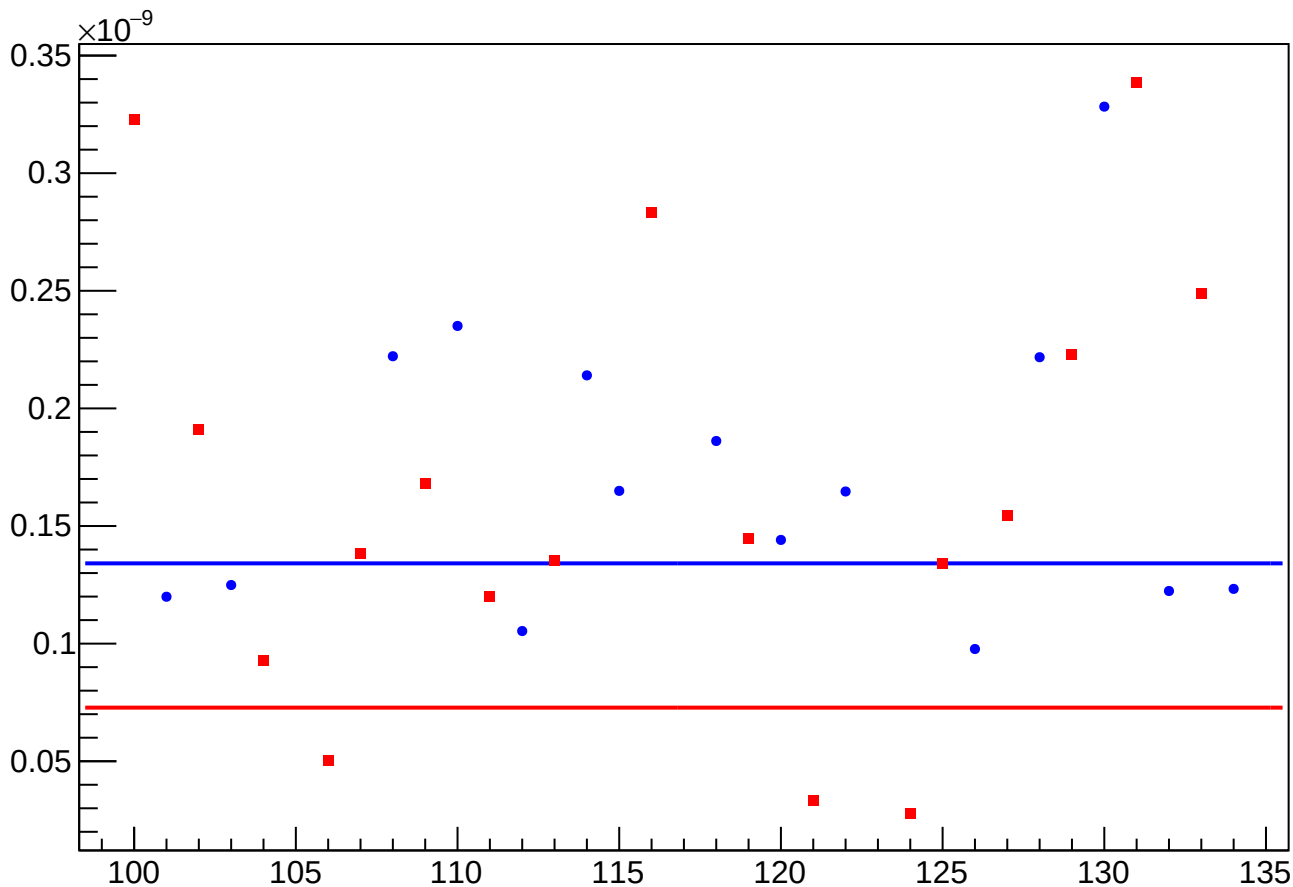
Right: 0.000+/-0.000 χ^2/NDF : 36.2/31

In: 0.000+/-0.000 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.2/31

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 538298.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2171234.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

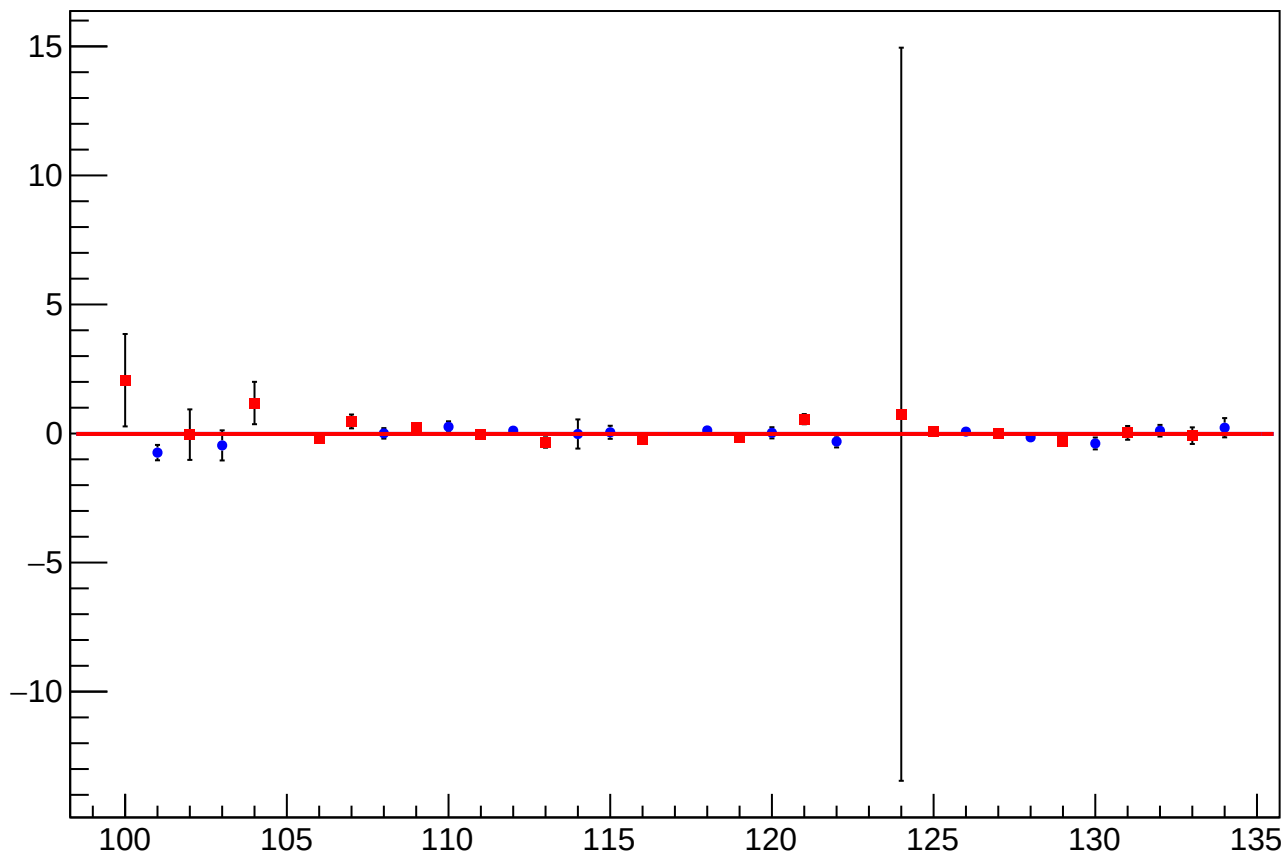
Right: 0.000+/-0.000 χ^2/NDF : 3442345.4/31

In: 0.000+/-0.000 χ^2/NDF : 538298.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3442345.4/31

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.052 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

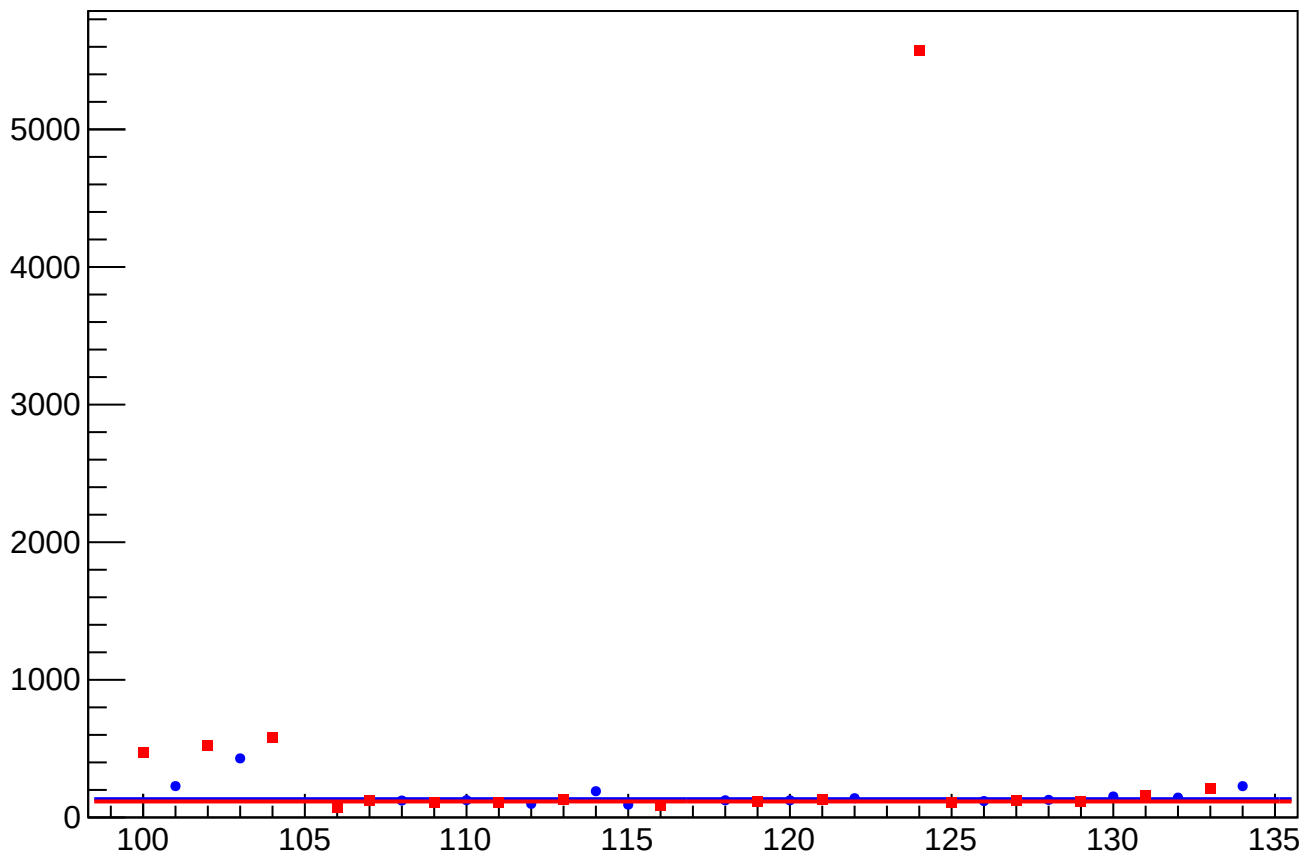
Right: -0.016 ± 0.039 χ^2/NDF : 41.8/31

In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.039 χ^2/NDF : 41.8/31

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.759+/-0.041 χ^2/NDF : 1071665.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.198+/-0.037 χ^2/NDF : 1838167.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

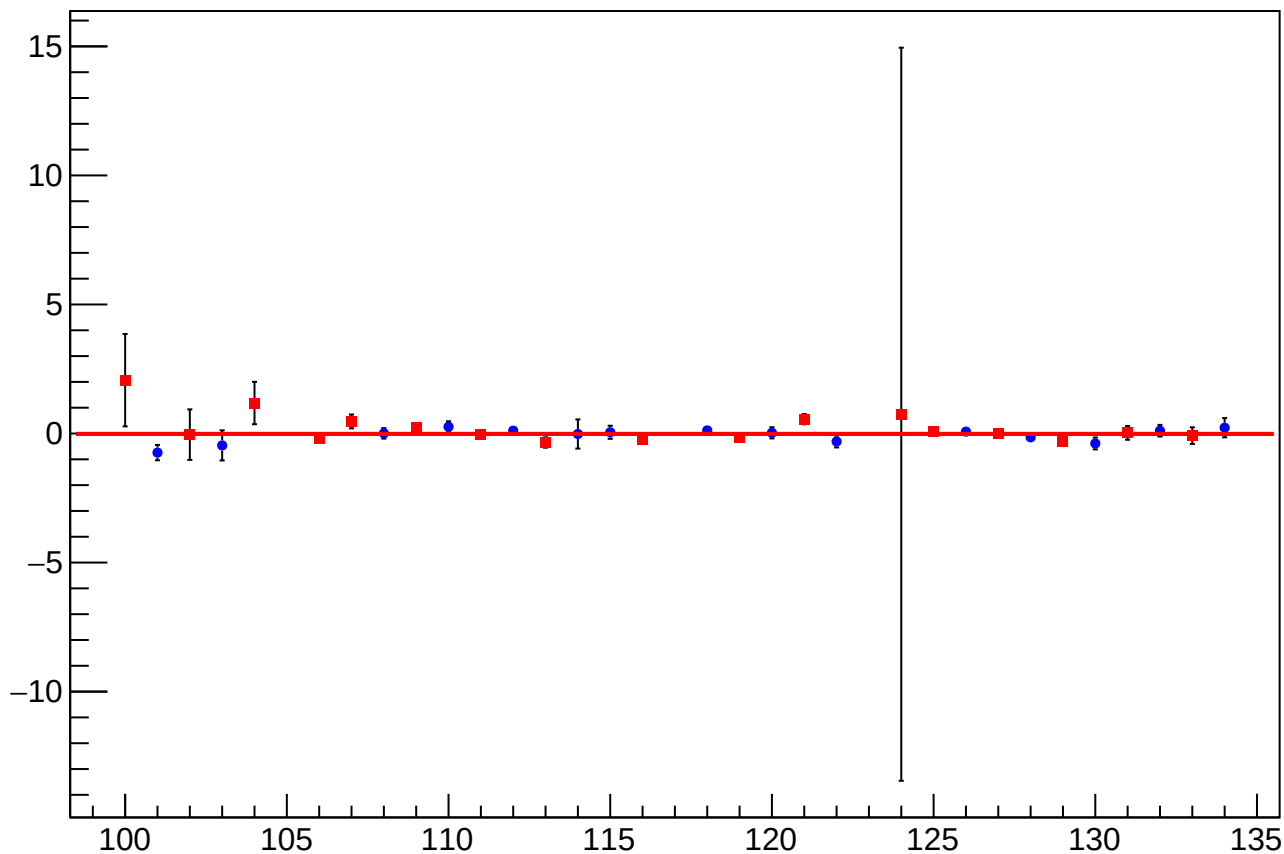
Right: 123.602+/-0.027 χ^2/NDF : 3000774.2/31

In: 132.759+/-0.041 χ^2/NDF : 1071665.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.602+/-0.027 χ^2/NDF : 3000774.2/31

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.052 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

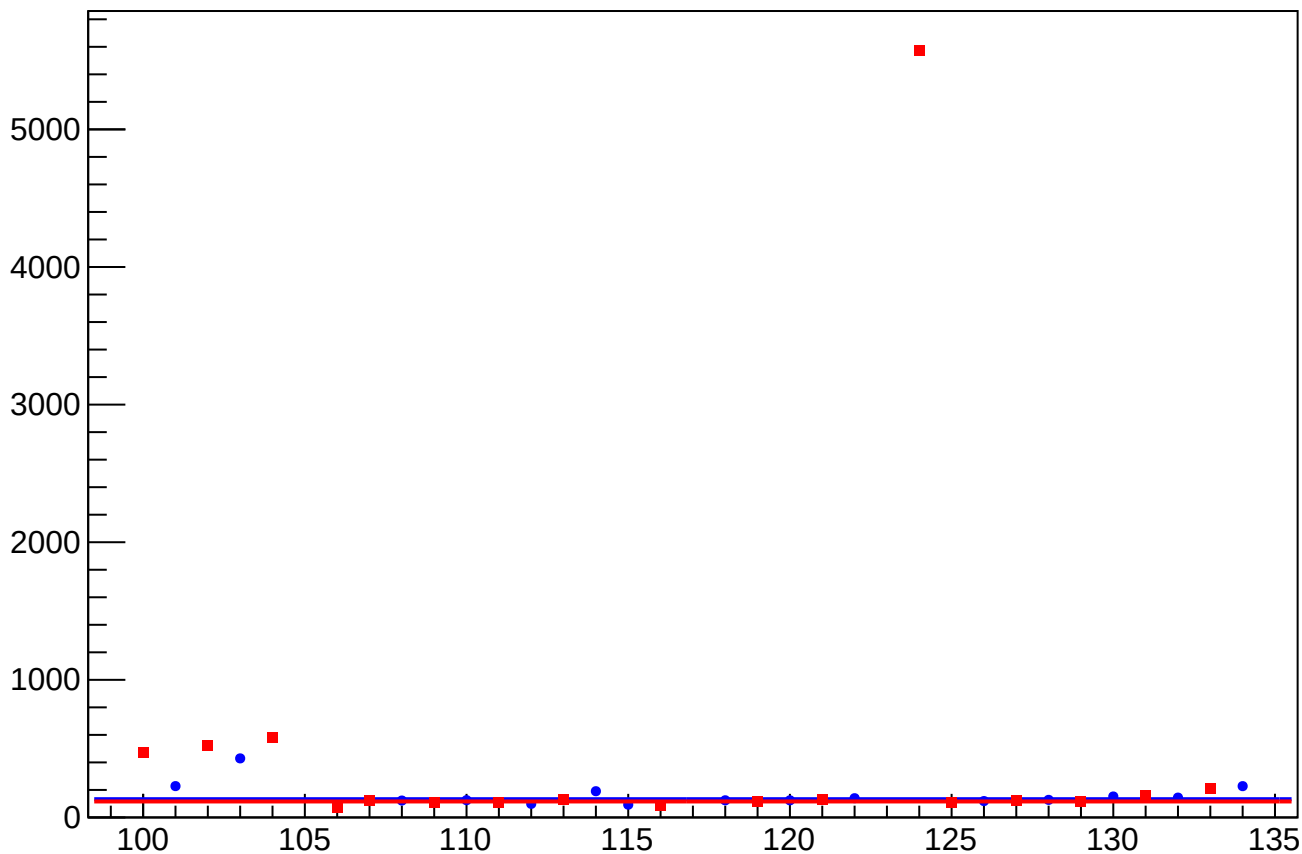
Right: -0.016 ± 0.039 χ^2/NDF : 41.8/31

In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.039 χ^2/NDF : 41.8/31

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.759+/-0.041 χ^2/NDF : 1071665.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.198+/-0.037 χ^2/NDF : 1838167.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

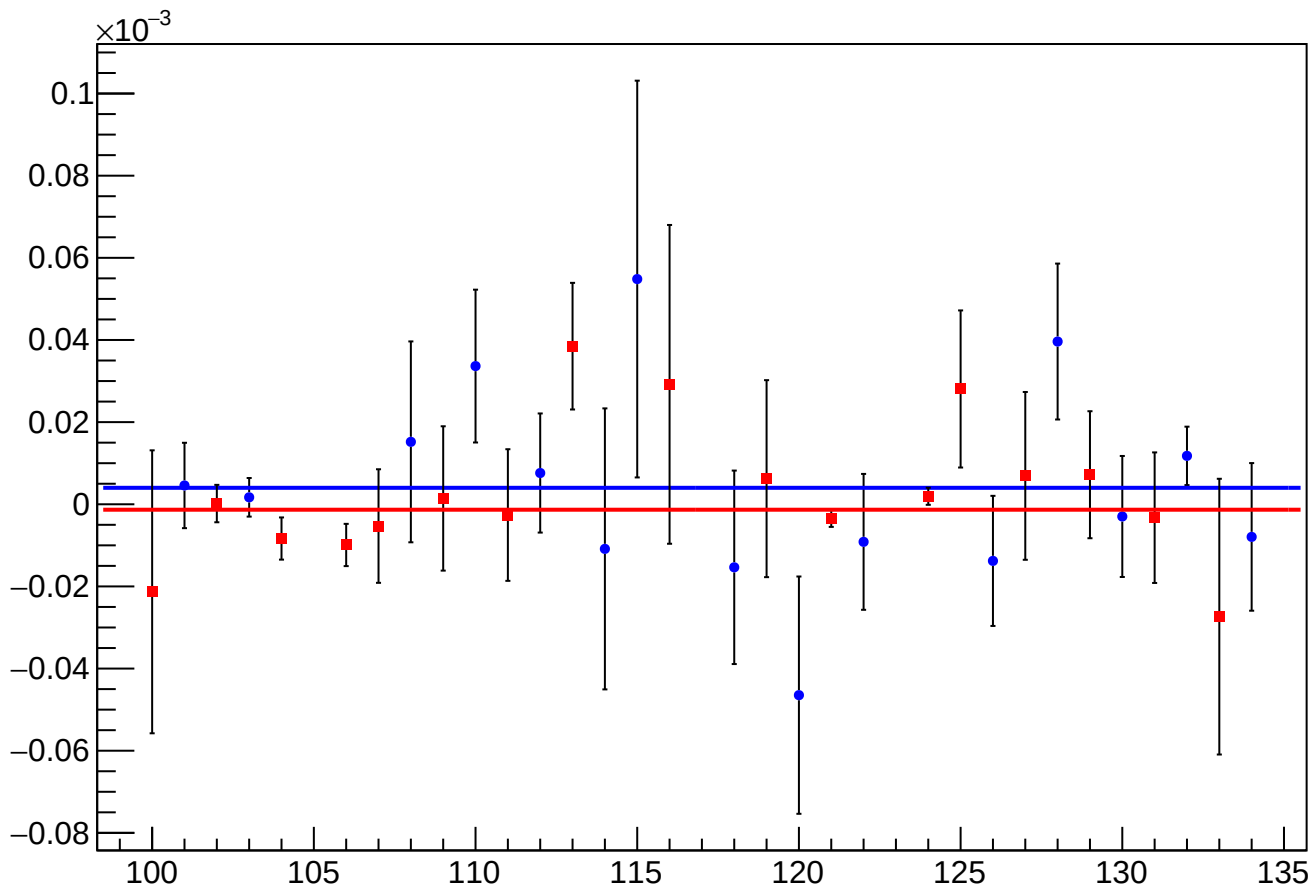
Right: 123.602+/-0.027 χ^2/NDF : 3000774.2/31

In: 132.759+/-0.041 χ^2/NDF : 1071665.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.602+/-0.027 χ^2/NDF : 3000774.2/31

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

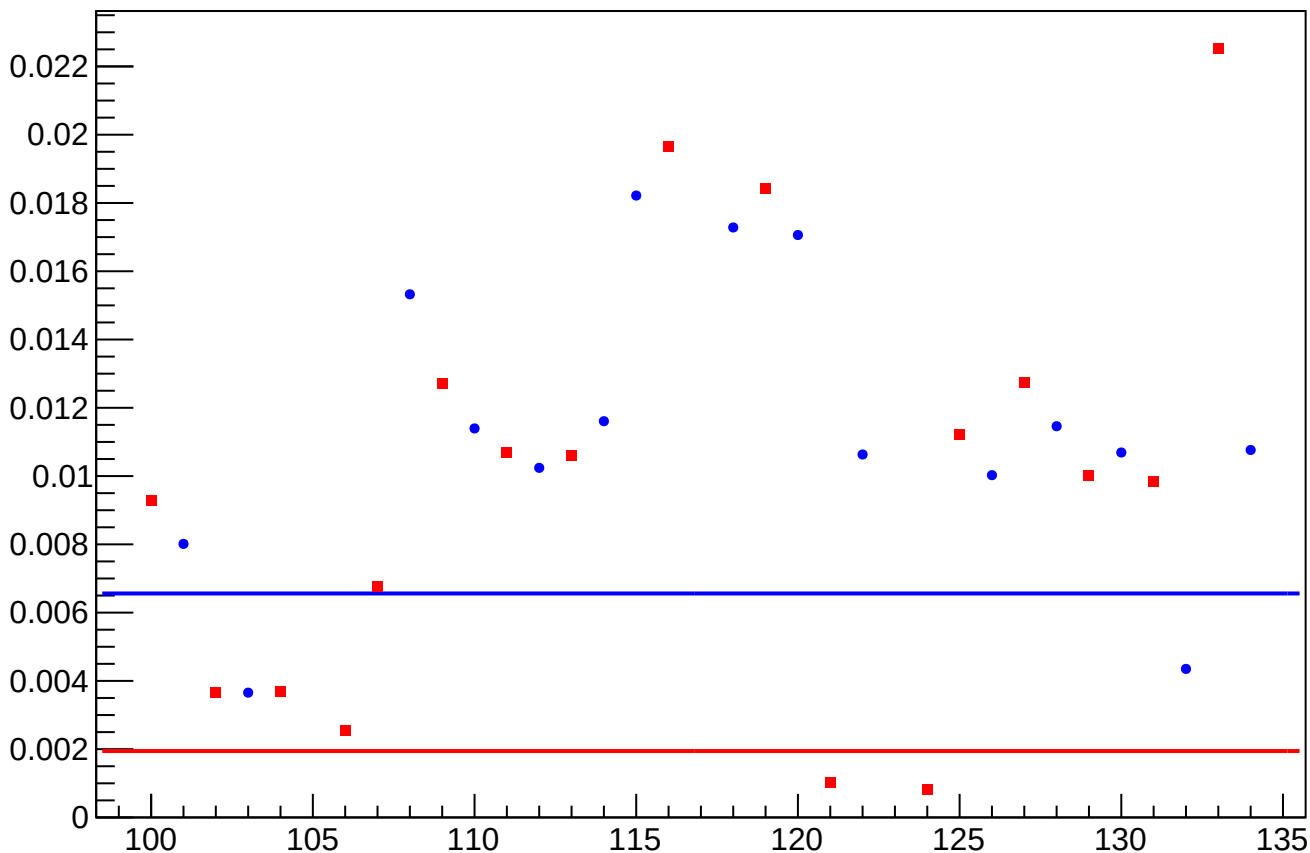
Right: -0.000+/-0.000 χ^2/NDF : 37.6/31

In: 0.000+/-0.000 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.6/31

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2972163.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 8045271.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

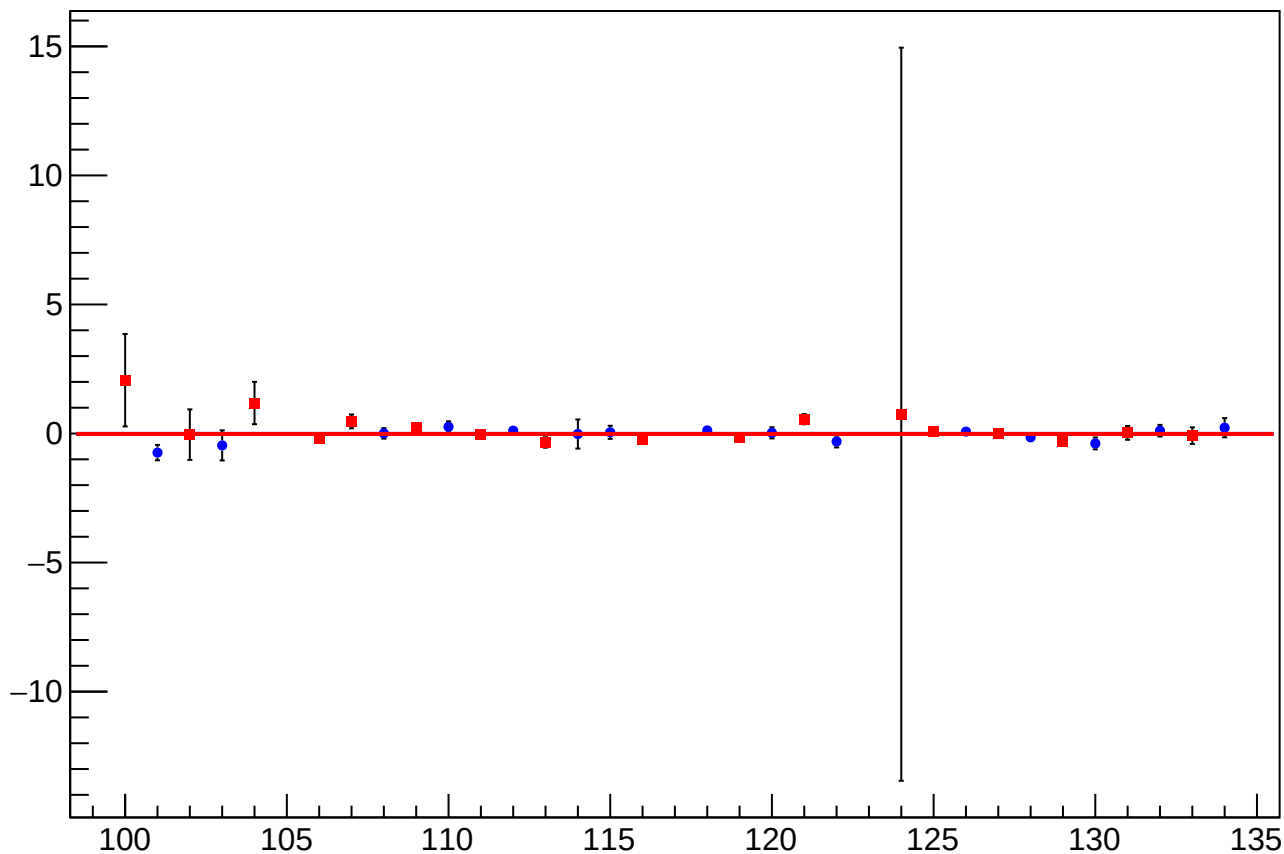
Right: 0.003+/-0.000 χ^2/NDF : 14881184.7/31

In: 0.007+/-0.000 χ^2/NDF : 2972163.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 14881184.7/31

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.052 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

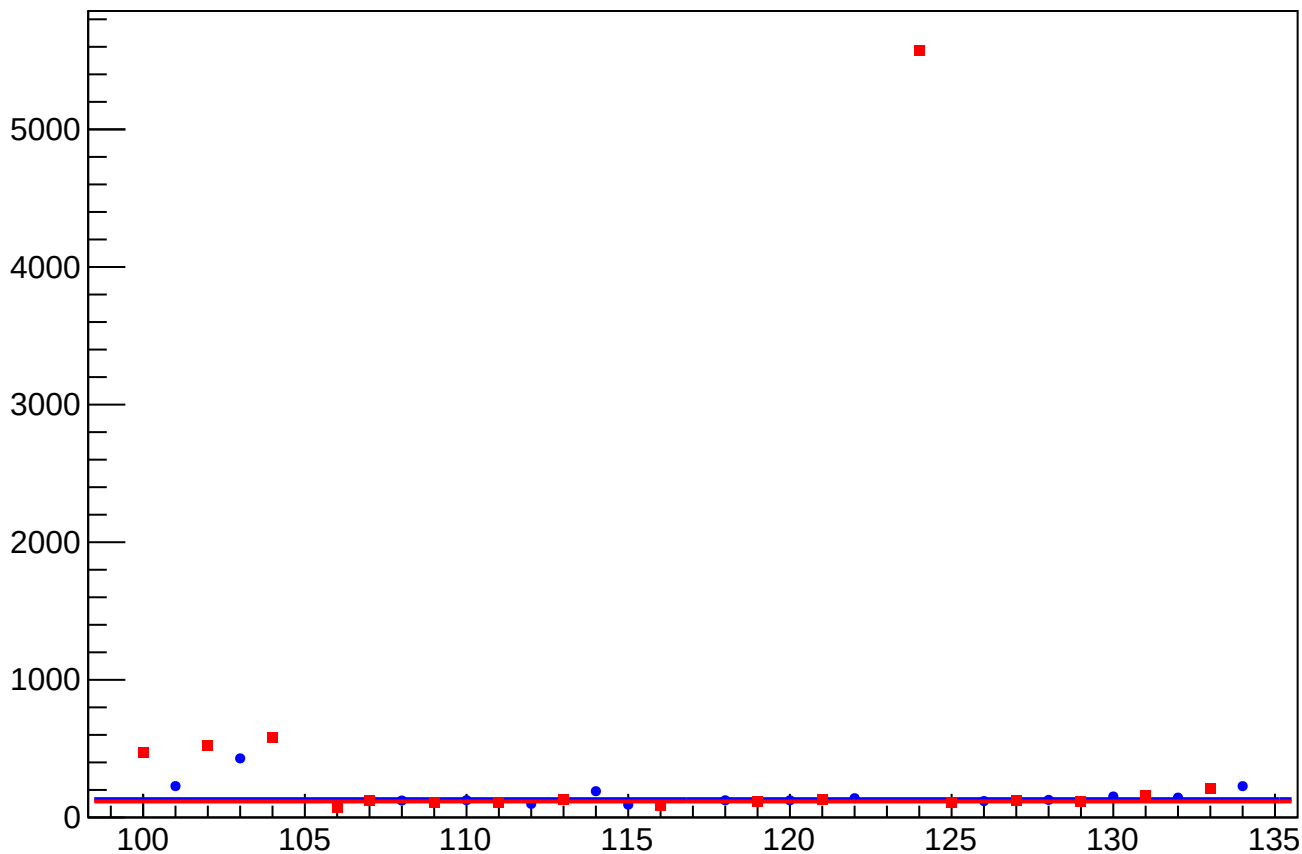
Right: -0.016 ± 0.039 χ^2/NDF : 41.8/31

In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.039 χ^2/NDF : 41.8/31

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.760+/-0.041 χ^2/NDF : 1071599.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.199+/-0.037 χ^2/NDF : 1838082.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

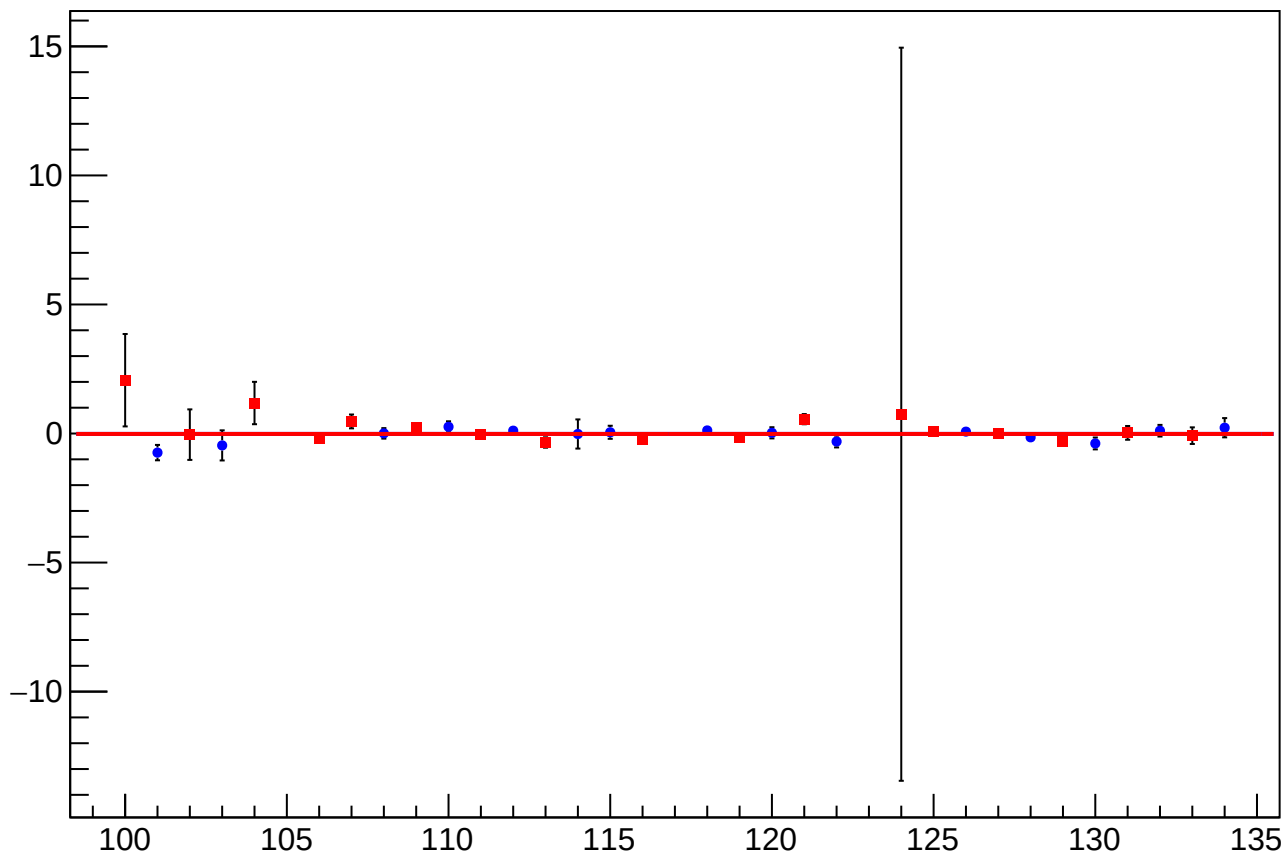
Right: 123.603+/-0.027 χ^2/NDF : 3000632.0/31

In: 132.760+/-0.041 χ^2/NDF : 1071599.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.603+/-0.027 χ^2/NDF : 3000632.0/31

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.052 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

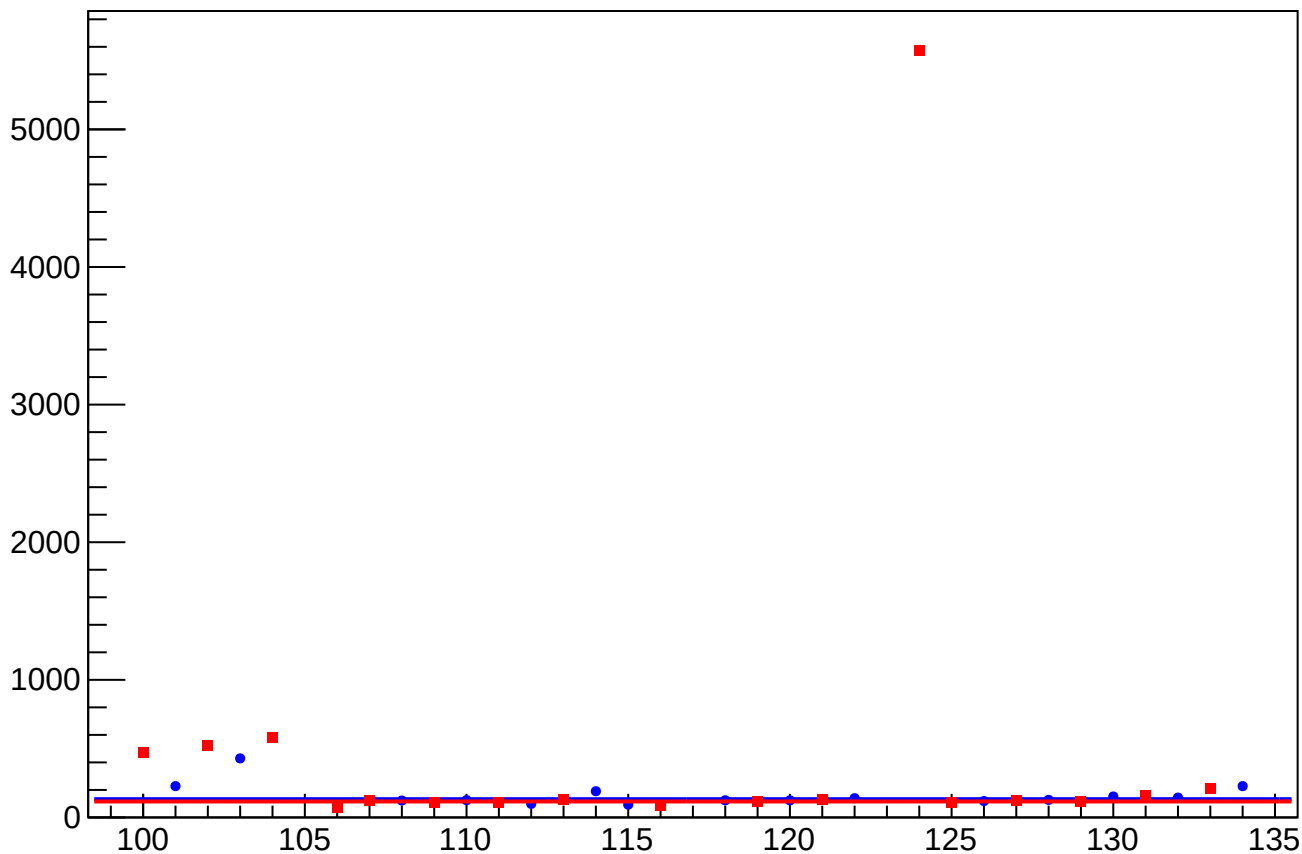
Right: -0.016 ± 0.039 χ^2/NDF : 41.8/31

In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.039 χ^2/NDF : 41.8/31

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.760+/-0.041 χ^2/NDF : 1071599.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.199+/-0.037 χ^2/NDF : 1838082.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

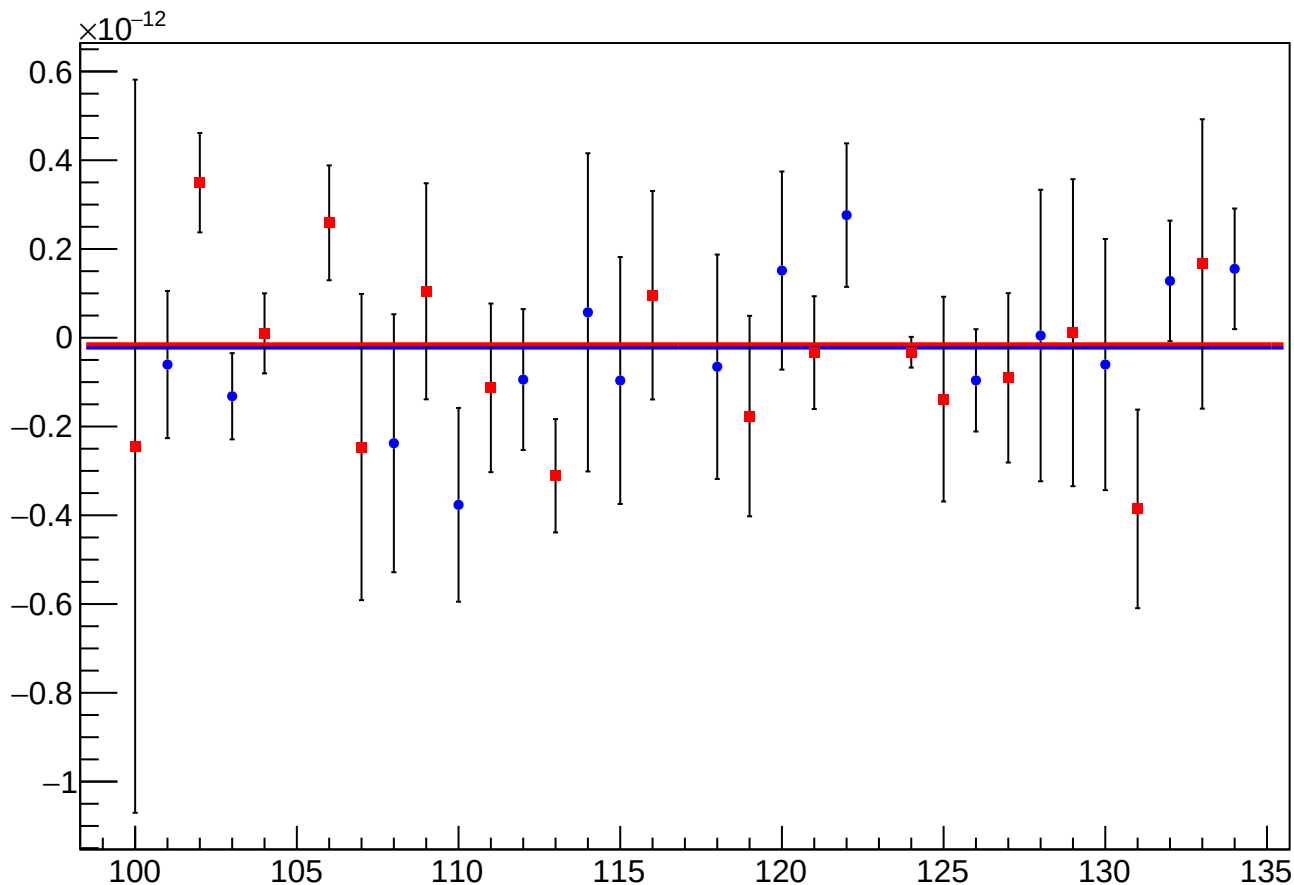
Right: 123.603+/-0.027 χ^2/NDF : 3000632.0/31

In: 132.760+/-0.041 χ^2/NDF : 1071599.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.603+/-0.027 χ^2/NDF : 3000632.0/31

asym_atr12_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 26.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

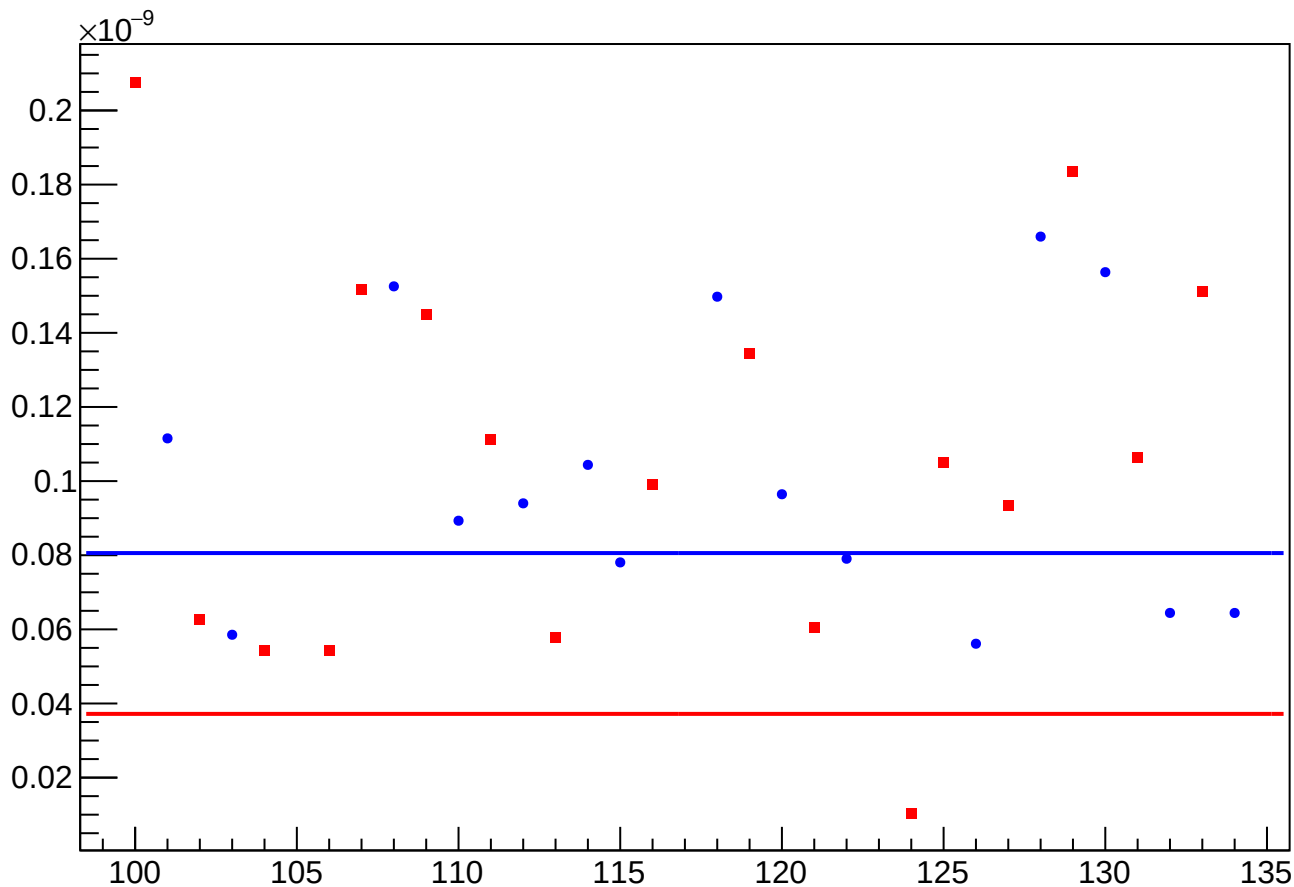
Right: -0.000+/-0.000 χ^2/NDF : 38.3/31

In: -0.000+/-0.000 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.3/31

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 906927.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4197544.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

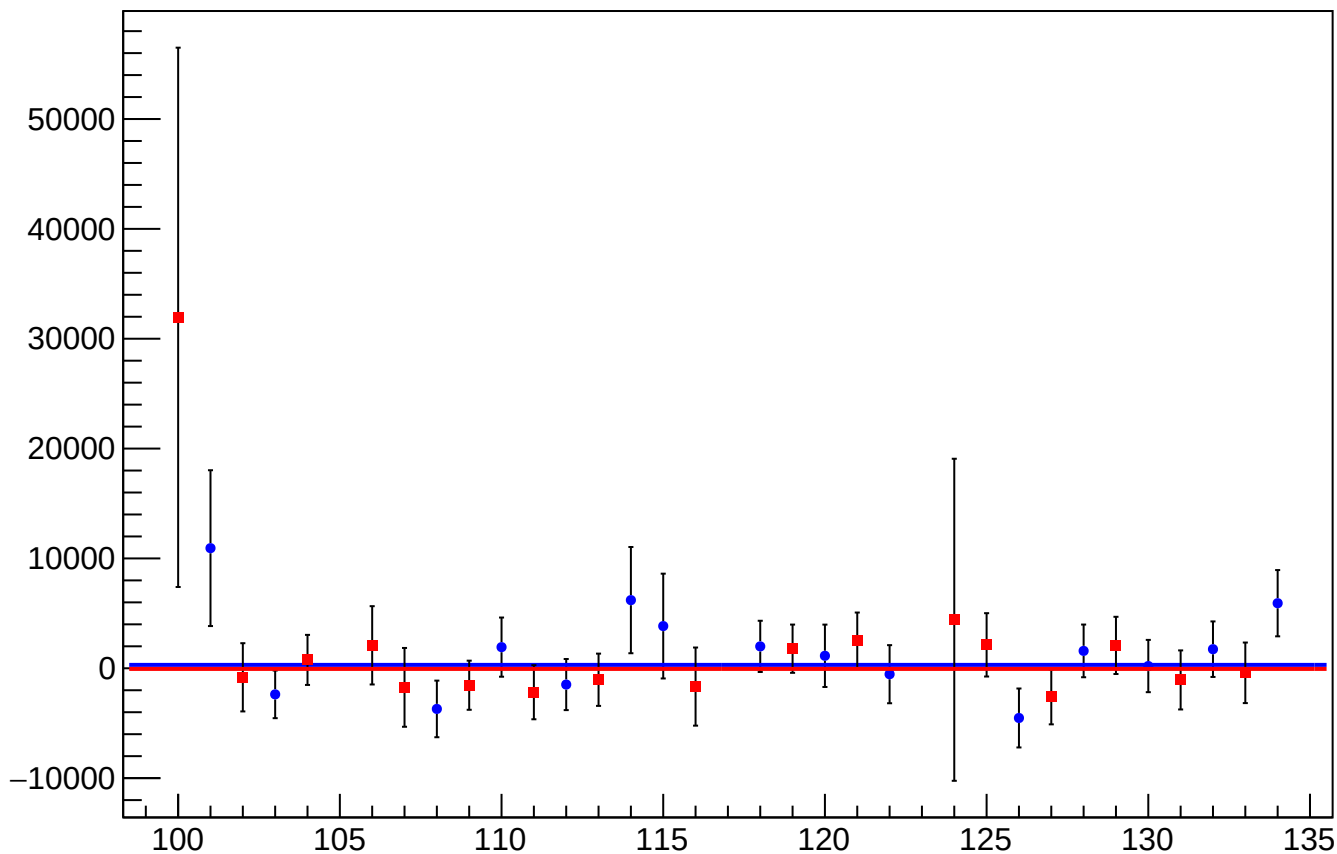
Right: 0.000+/-0.000 χ^2/NDF : 6521149.2/31

In: 0.000+/-0.000 χ^2/NDF : 906927.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6521149.2/31

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 308.891+/-707.229 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.130+/-684.022 χ^2/NDF : 8.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

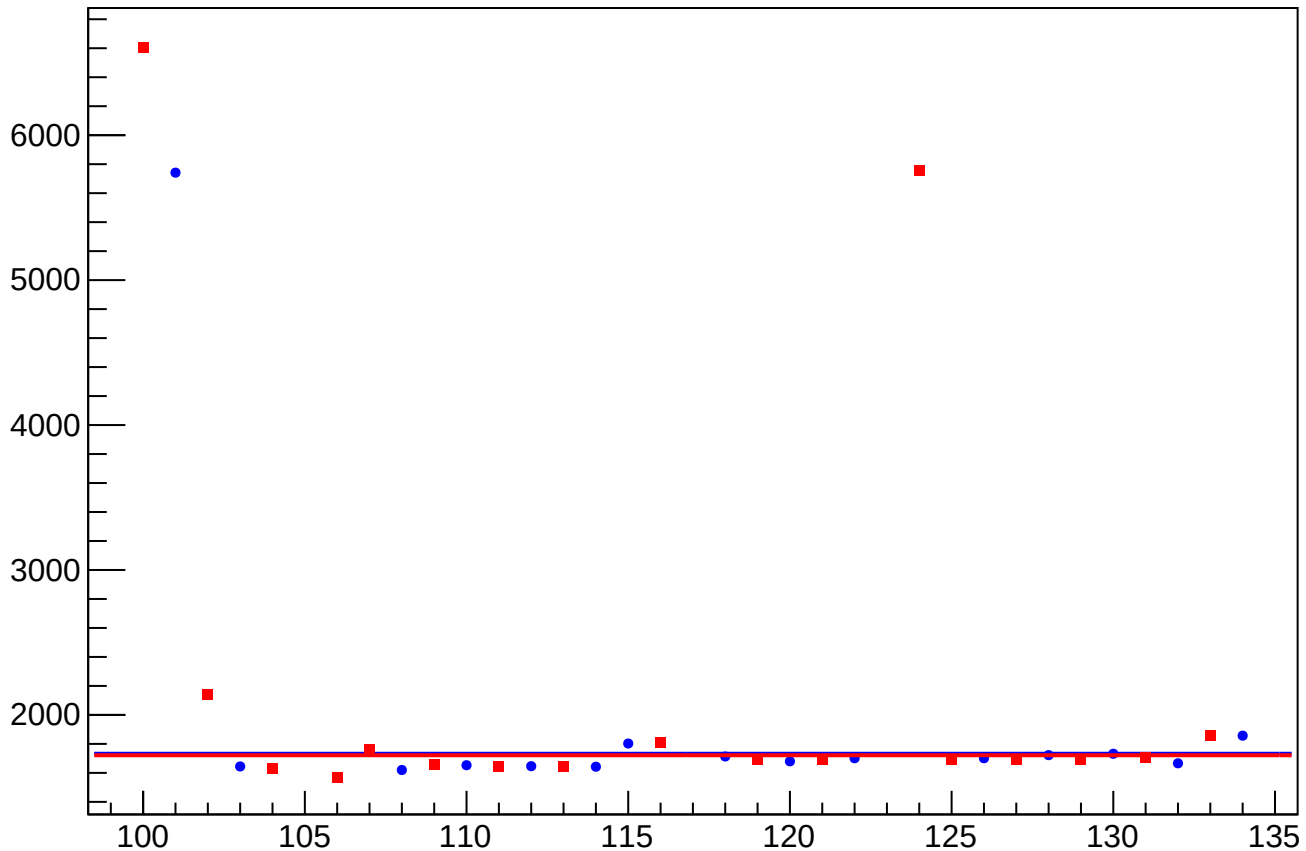
Right: 119.260+/-491.676 χ^2/NDF : 25.6/31

In: 308.891+/-707.229 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.260+/-491.676 χ^2/NDF : 25.6/31

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1731.912 $\pm$ 0.500 χ^2/NDF : 657908.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1721.643 $\pm$ 0.480 χ^2/NDF : 289143.6/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

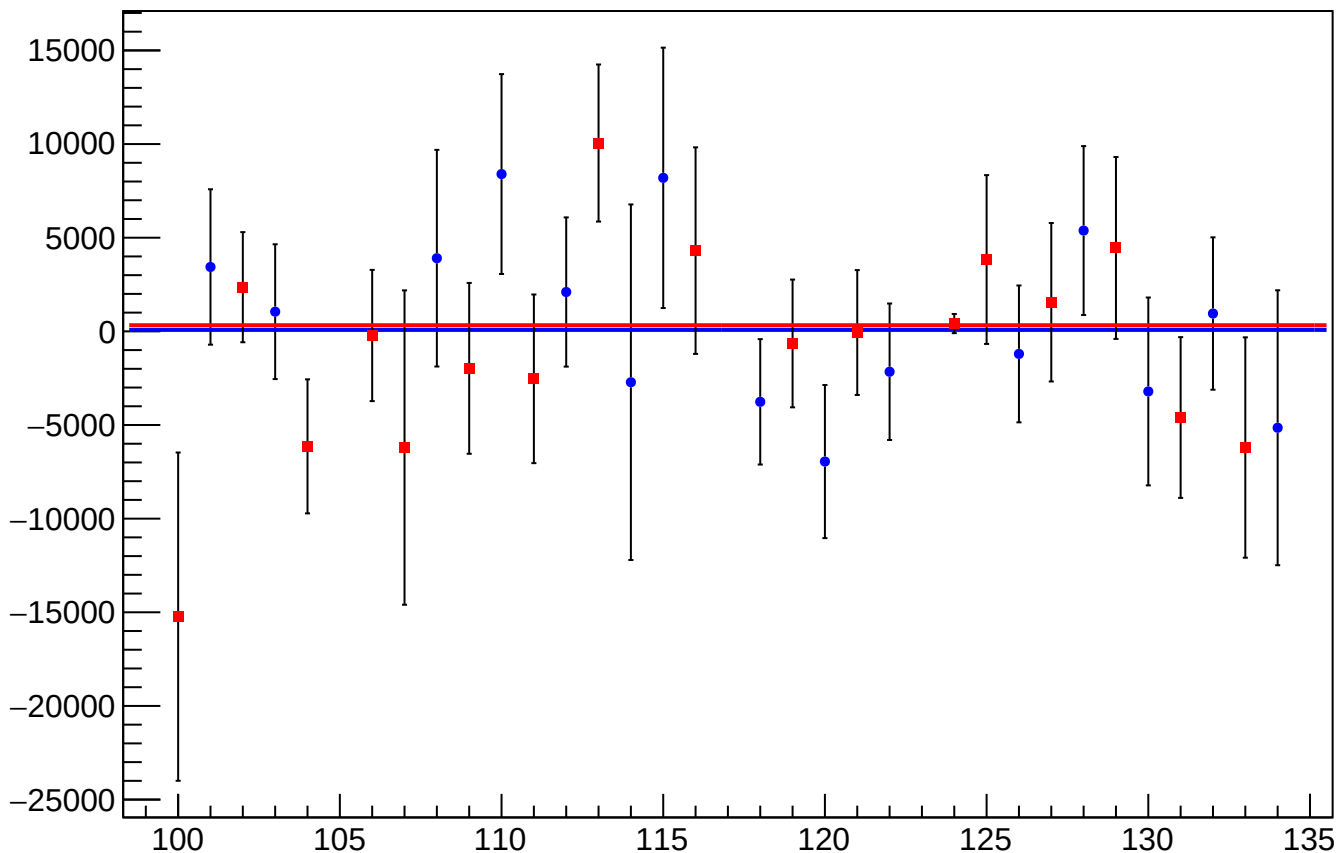
Right: 1726.565 $\pm$ 0.346 χ^2/NDF : 947271.9/31

In: 1731.912 $\pm$ 0.500 χ^2/NDF : 657908.8/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1726.565 $\pm$ 0.346 χ^2/NDF : 947271.9/31

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 77.697+/-1145.333 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 327.384+/-460.386 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

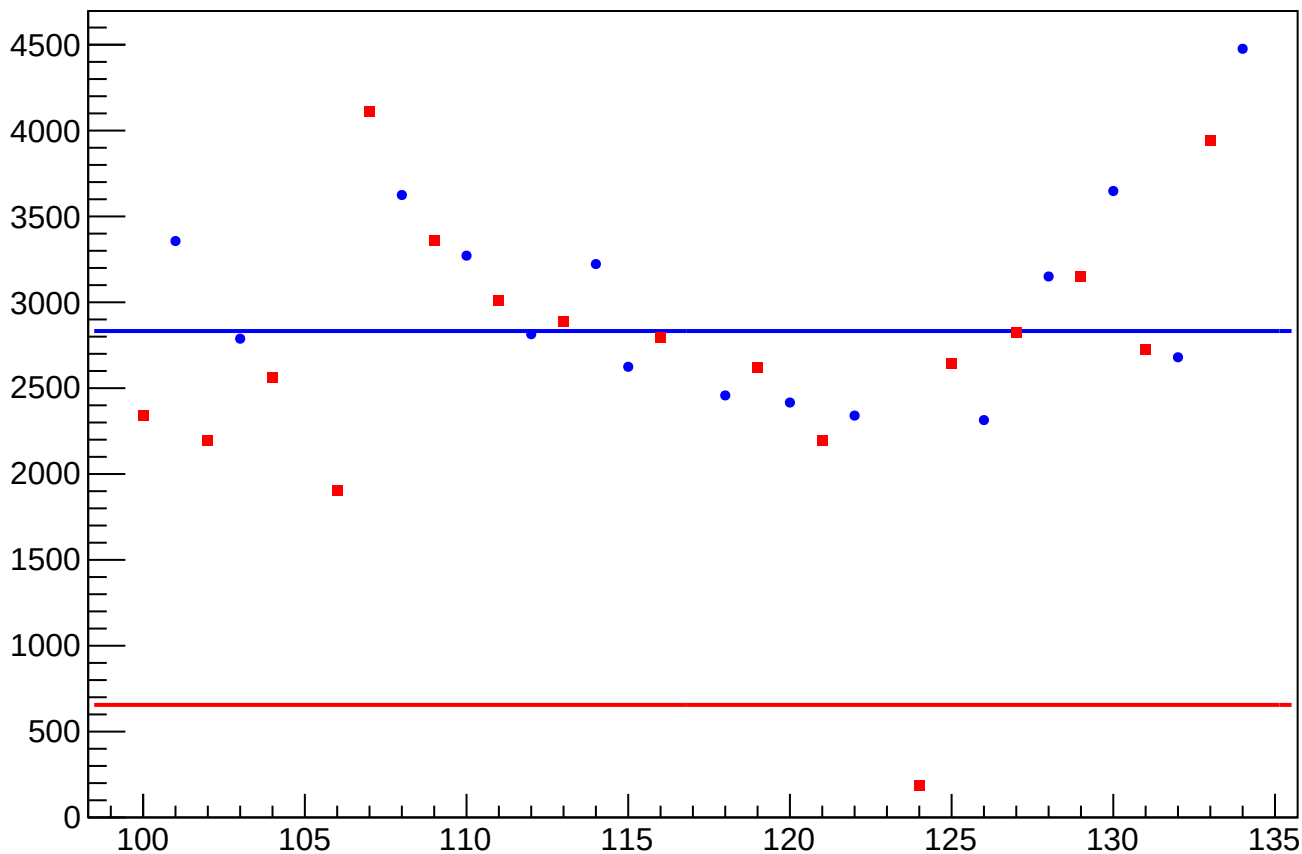
Right: 292.652+/-427.167 χ^2/NDF : 30.7/31

In: 77.697+/-1145.333 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.652+/-427.167 χ^2/NDF : 30.7/31

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2832.675+/-0.810 χ^2/NDF : 377066.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 655.521+/-0.326 χ^2/NDF : 9187795.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

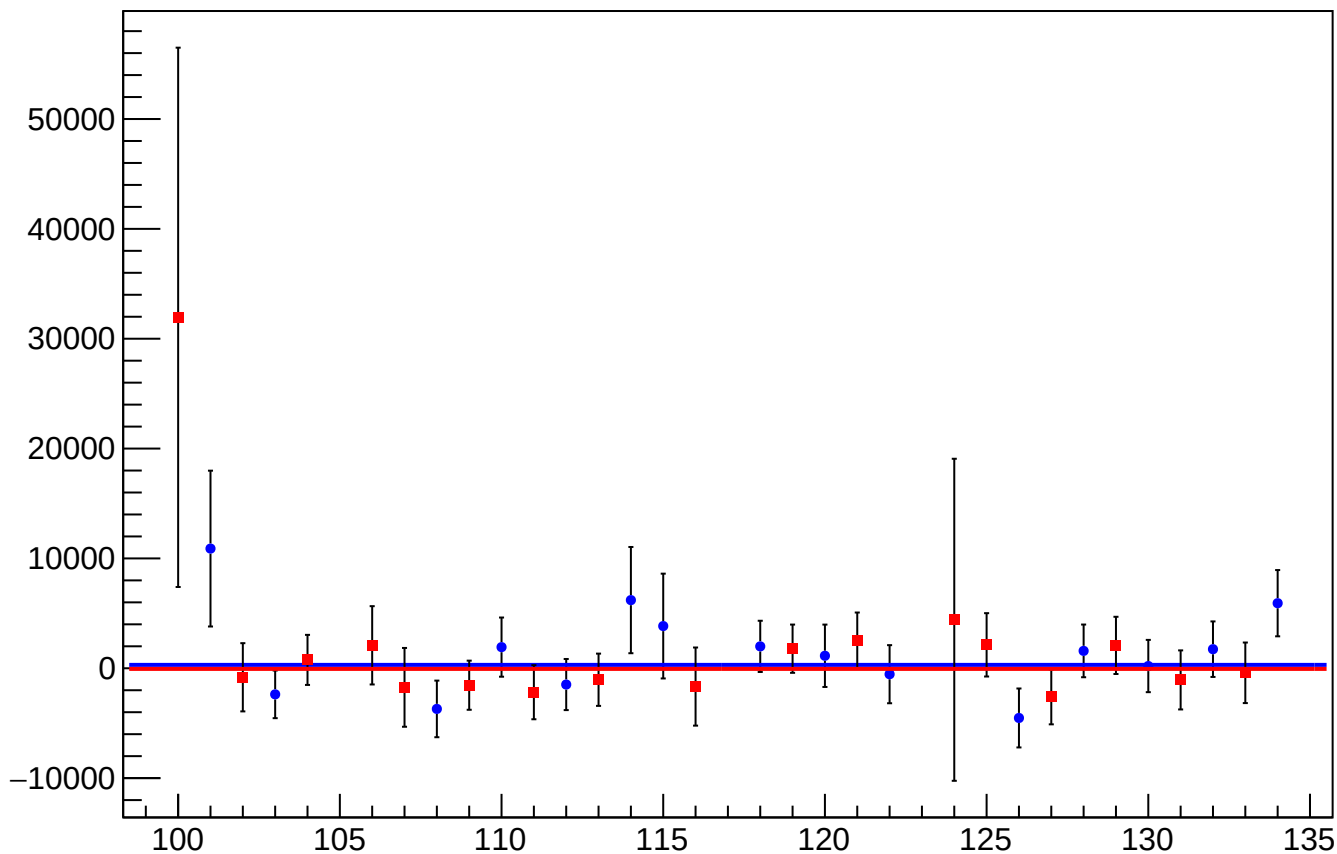
Right: 958.367+/-0.302 χ^2/NDF : 15786388.2/31

In: 2832.675+/-0.810 χ^2/NDF : 377066.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.367+/-0.302 χ^2/NDF : 15786388.2/31

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 308.330+/-707.229 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.981+/-684.022 χ^2/NDF : 8.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

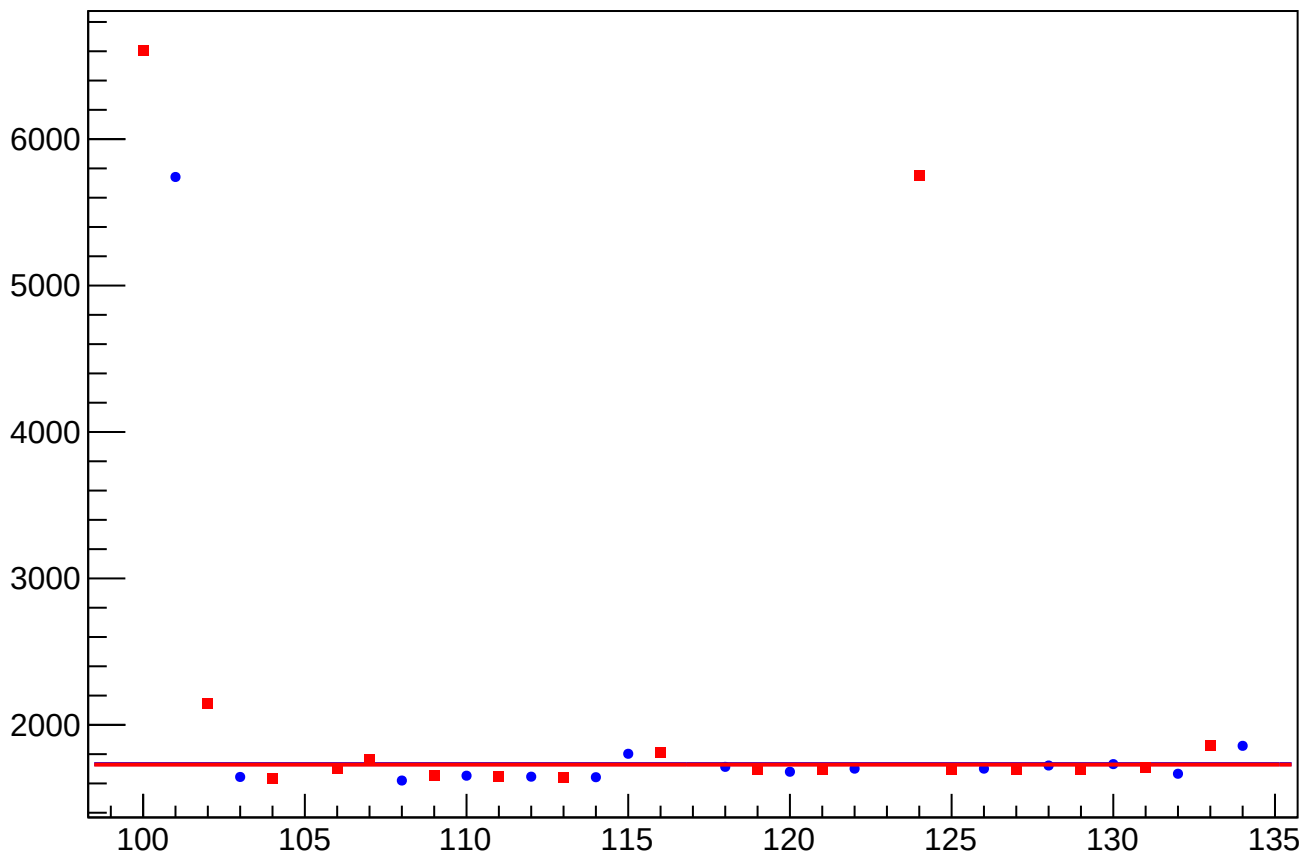
Right: 119.066+/-491.677 χ^2/NDF : 25.6/31

In: 308.330+/-707.229 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.066+/-491.677 χ^2/NDF : 25.6/31

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1731.912 $\pm$ 0.500 χ^2 /NDF: 657908.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1728.800 $\pm$ 0.482 χ^2 /NDF: 283667.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

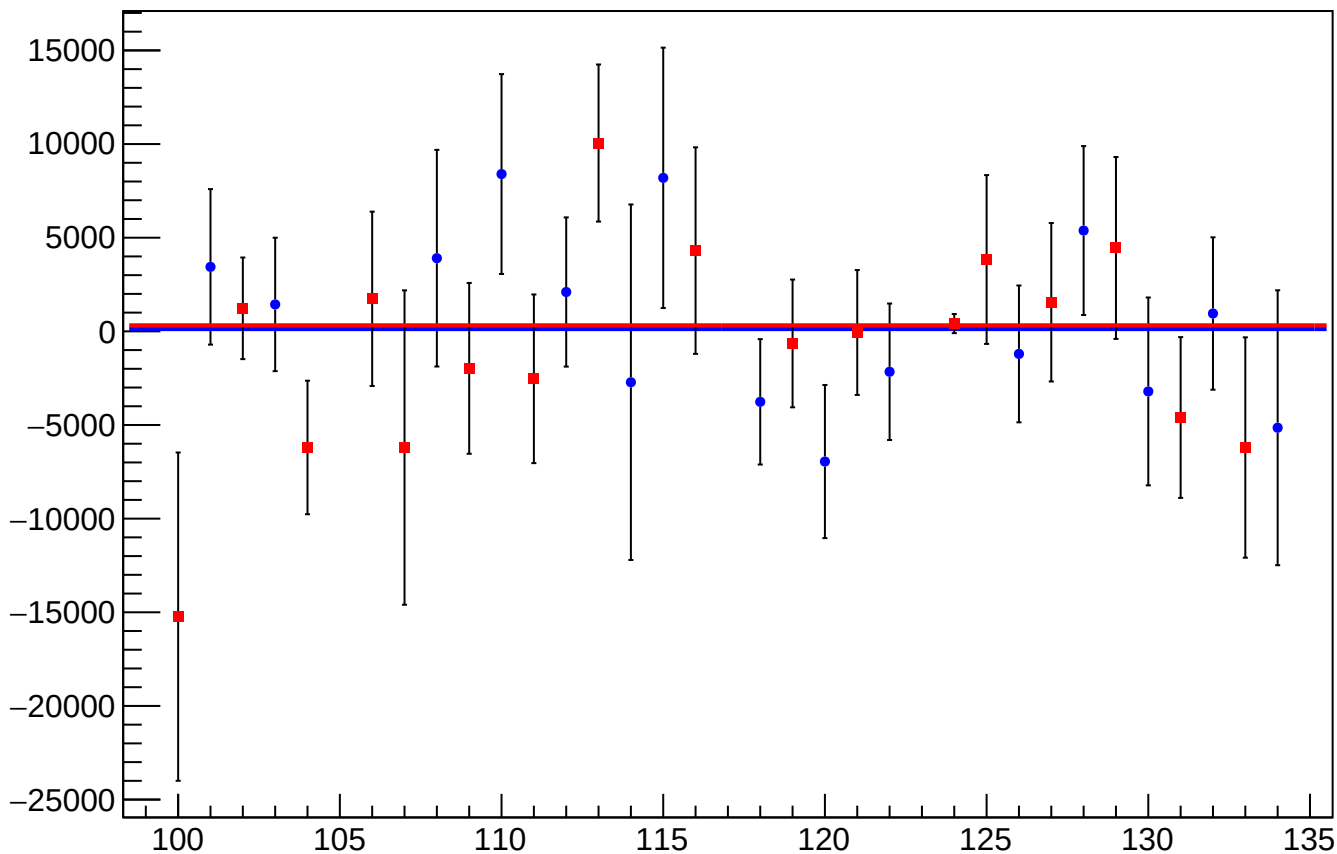
Right: 1730.298 $\pm$ 0.347 χ^2 /NDF: 941596.9/31

In: 1731.912 $\pm$ 0.500 χ^2 /NDF:657908.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1730.298 $\pm$ 0.347 χ^2 /NDF: 941596.9/31

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 119.581+/-1144.165 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.973+/-461.315 χ^2/NDF : 18.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

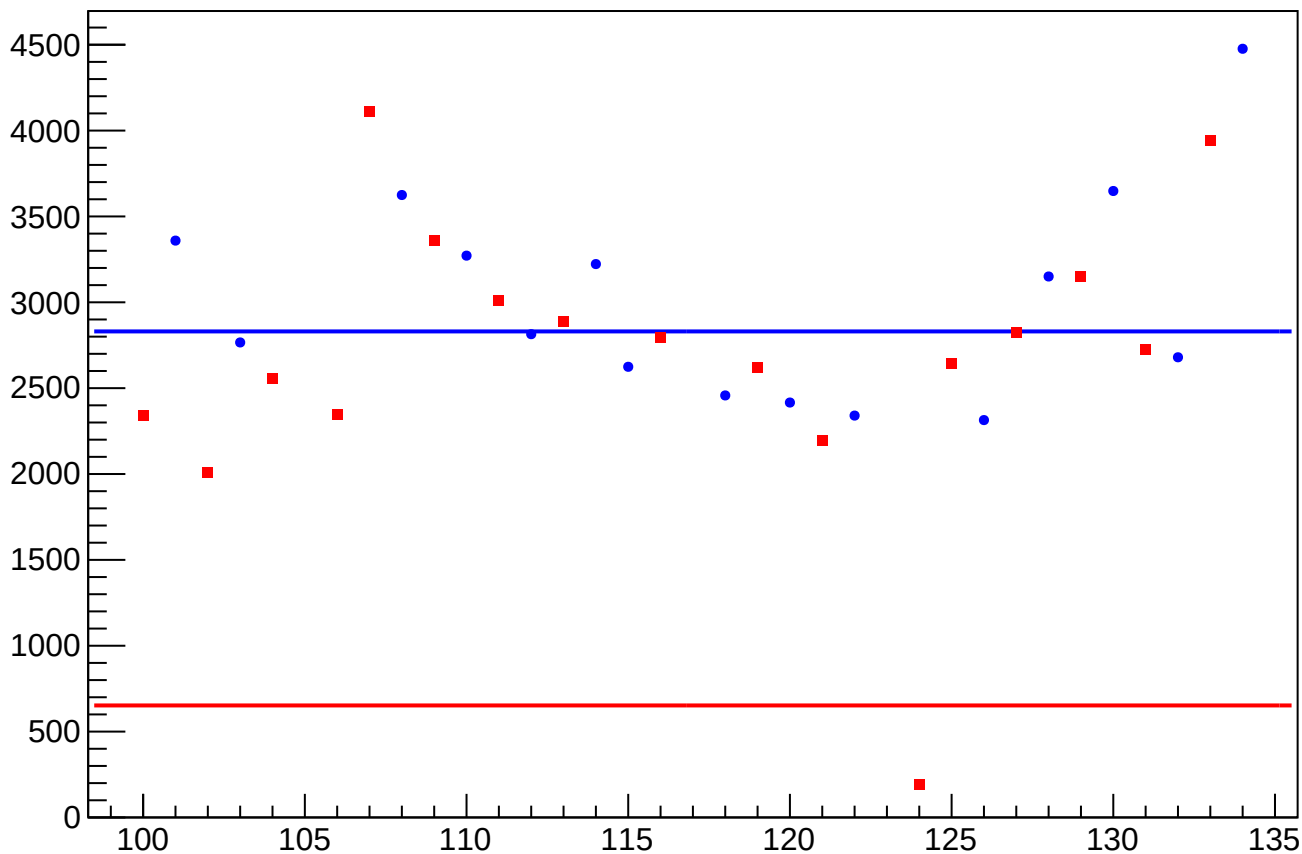
Right: 296.253+/-427.848 χ^2/NDF : 30.5/31

In: 119.581+/-1144.165 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.253+/-427.848 χ^2/NDF : 30.5/31

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2830.442 $\pm$ 0.809 χ^2 /NDF: 377722.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 652.293 $\pm$ 0.326 χ^2 /NDF: 9142722.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

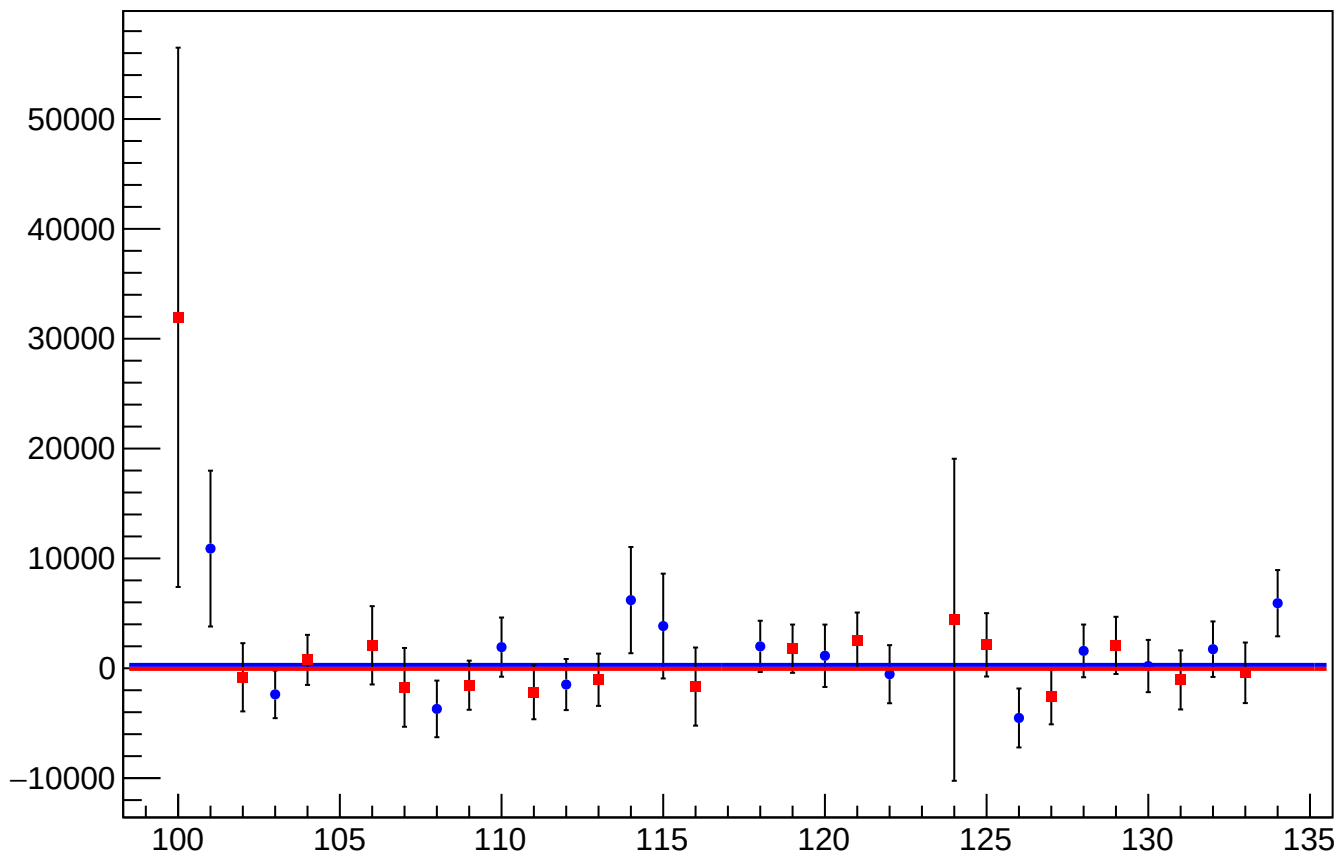
Right: 956.865 $\pm$ 0.303 χ^2 /NDF: 15755090.4/31

In: 2830.442 $\pm$ 0.809 χ^2 /NDF:377722.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 956.865 $\pm$ 0.303 χ^2 /NDF: 15755090.4/31

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 308.330+/-707.229 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.981+/-684.022 χ^2/NDF : 8.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

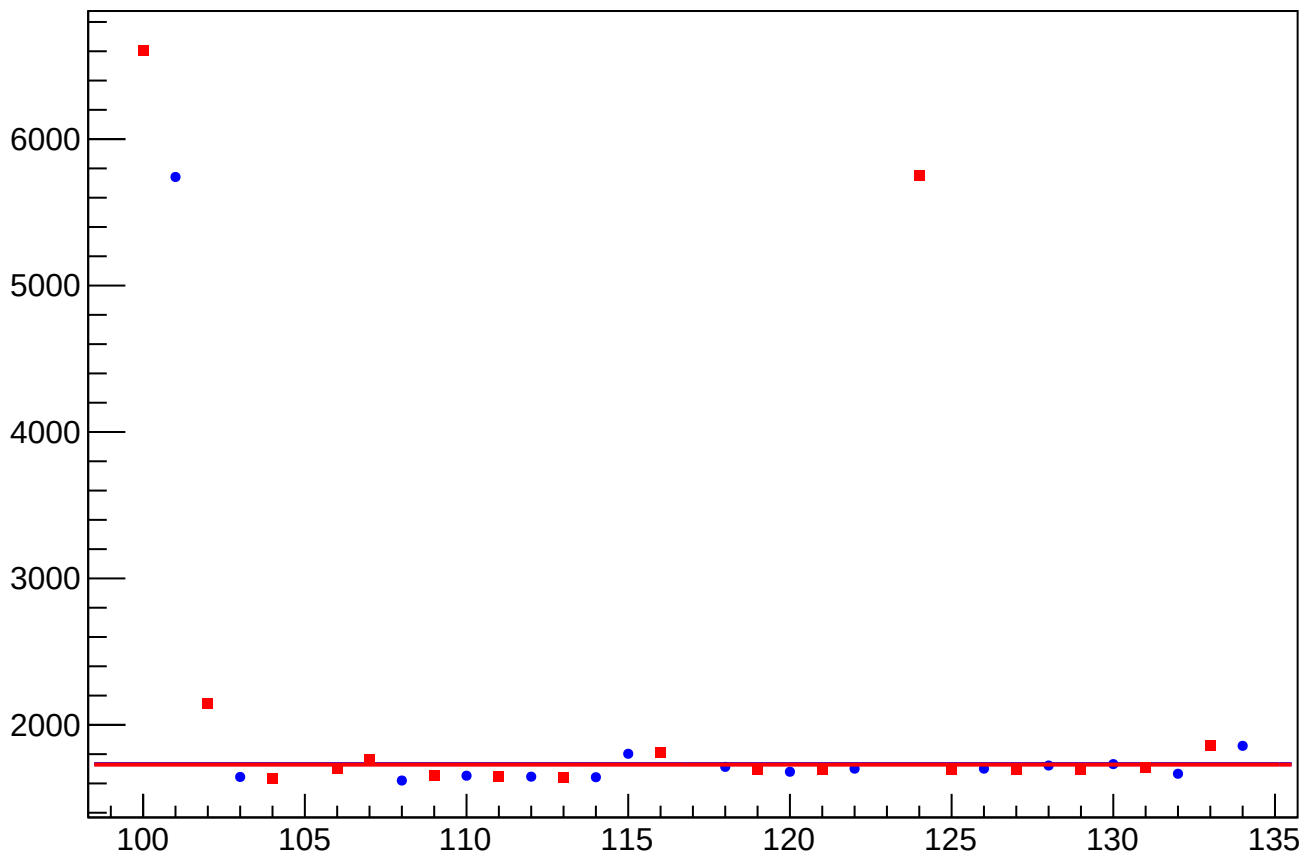
Right: 119.066+/-491.677 χ^2/NDF : 25.6/31

In: 308.330+/-707.229 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.066+/-491.677 χ^2/NDF : 25.6/31

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1731.912+/-0.500 χ^2/NDF : 657908.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1728.800+/-0.482 χ^2/NDF : 283667.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

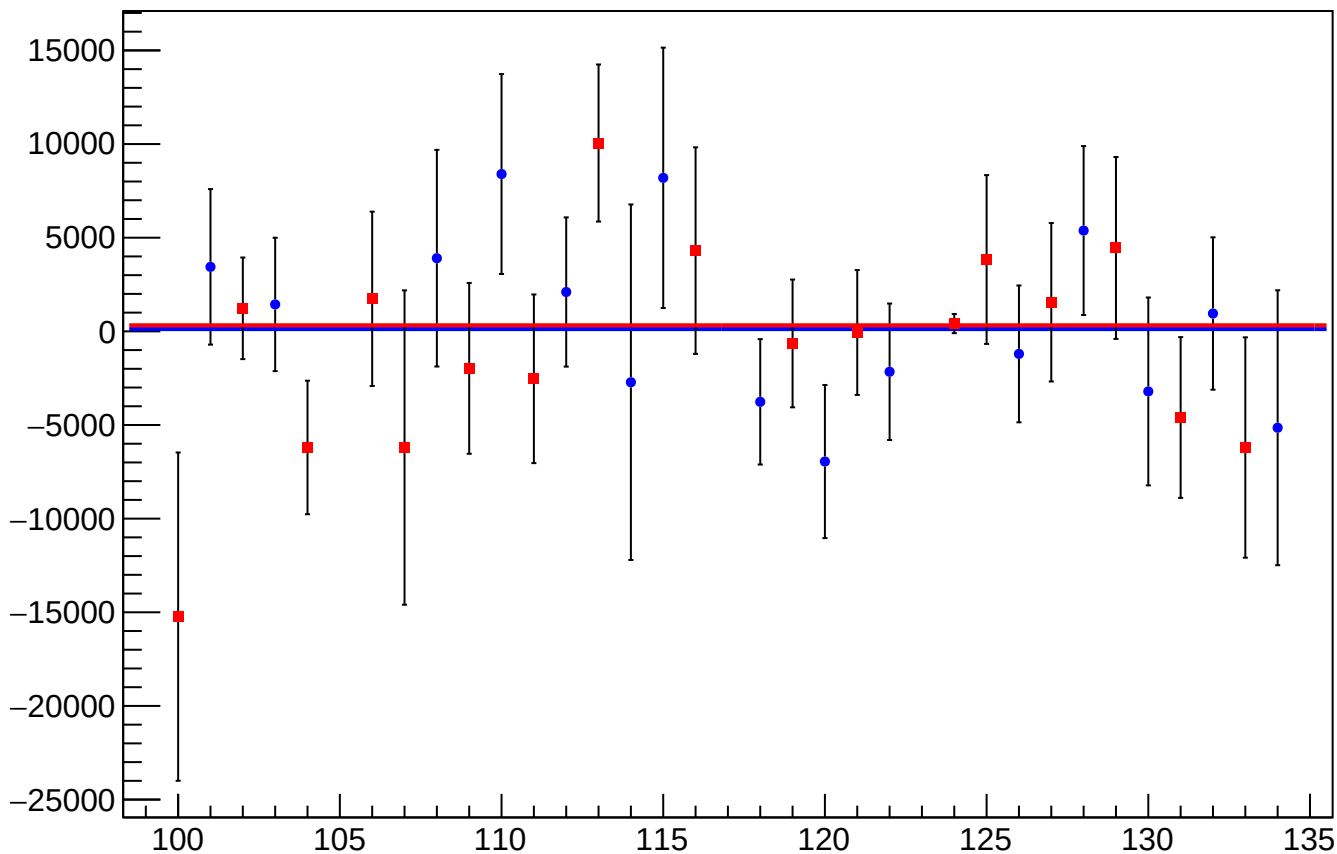
Right: 1730.298+/-0.347 χ^2/NDF : 941596.9/31

In: 1731.912+/-0.500 χ^2/NDF : 657908.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.298+/-0.347 χ^2/NDF : 941596.9/31

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 119.581+/-1144.165 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.973+/-461.315 χ^2/NDF : 18.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

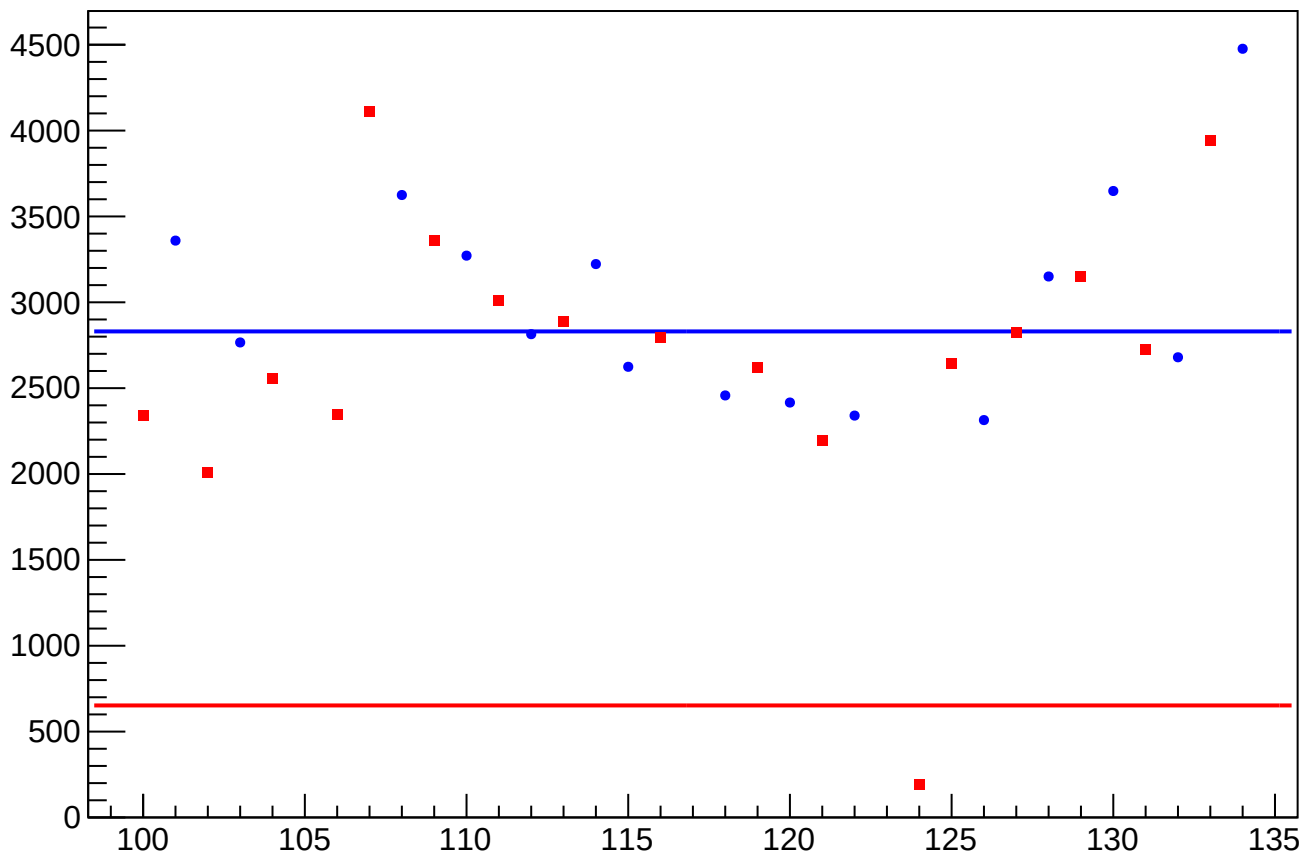
Right: 296.253+/-427.848 χ^2/NDF : 30.5/31

In: 119.581+/-1144.165 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.253+/-427.848 χ^2/NDF : 30.5/31

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2830.442 $\pm$ 0.809 χ^2 /NDF: 377722.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 652.293 $\pm$ 0.326 χ^2 /NDF: 9142722.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

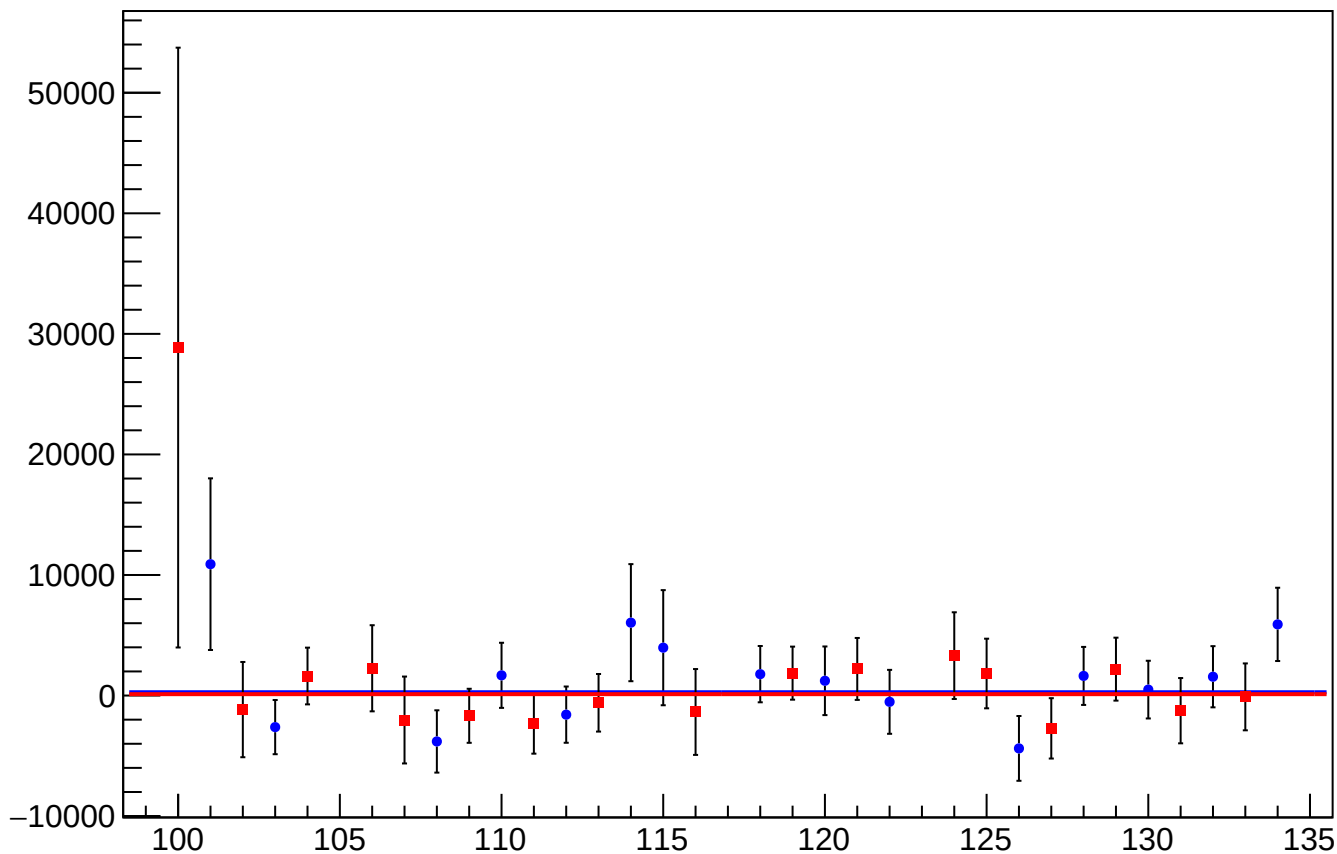
Right: 956.865 $\pm$ 0.303 χ^2 /NDF: 15755090.4/31

In: 2830.442 $\pm$ 0.809 χ^2 /NDF:377722.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 956.865 $\pm$ 0.303 χ^2 /NDF: 15755090.4/31

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 273.744+/-711.958 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.213+/-682.482 χ^2/NDF : 9.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

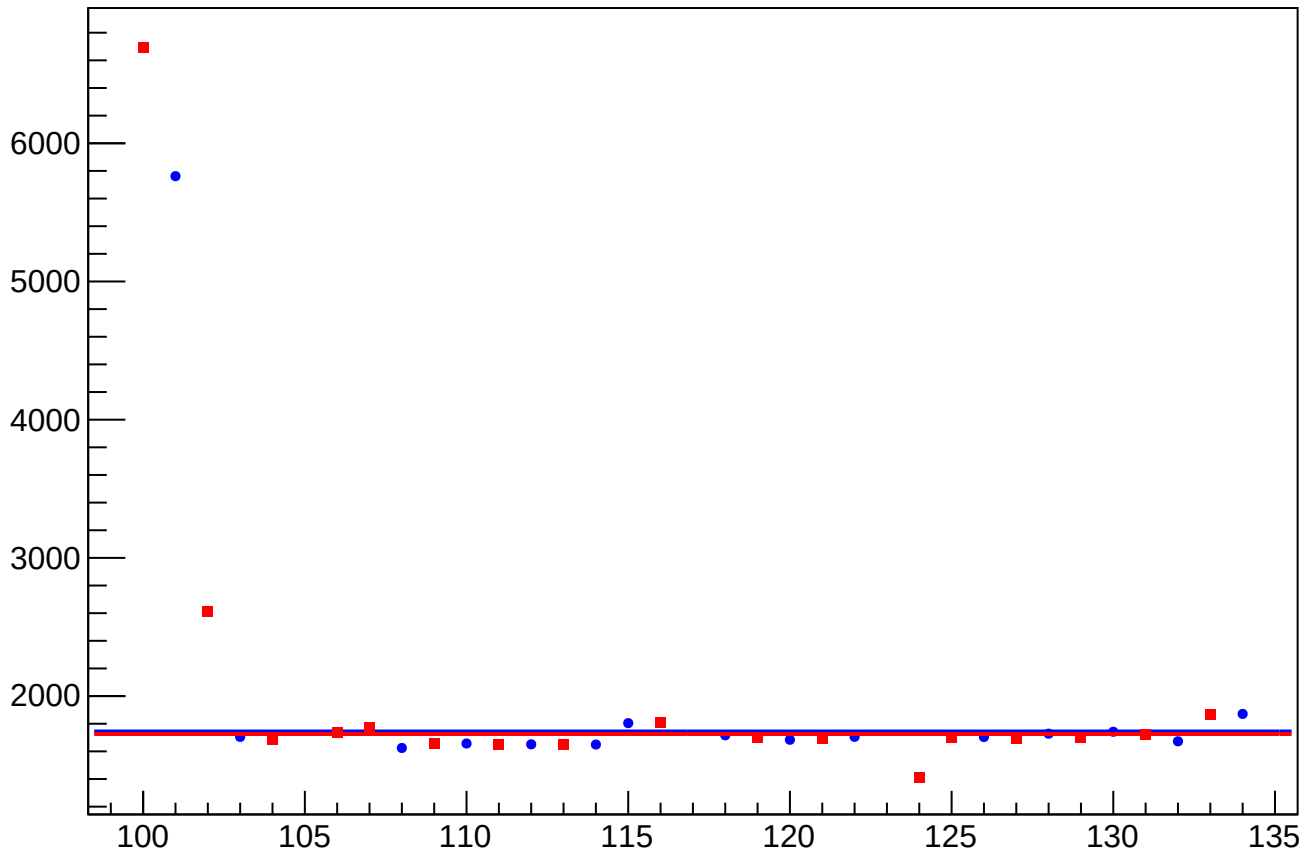
Right: 191.129+/-492.679 χ^2/NDF : 26.0/31

In: 273.744+/-711.958 χ^2/NDF : 16.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.129+/-492.679 χ^2/NDF : 26.0/31

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1743.686+/-0.503 χ^2/NDF : 655609.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.883+/-0.481 χ^2/NDF : 210496.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

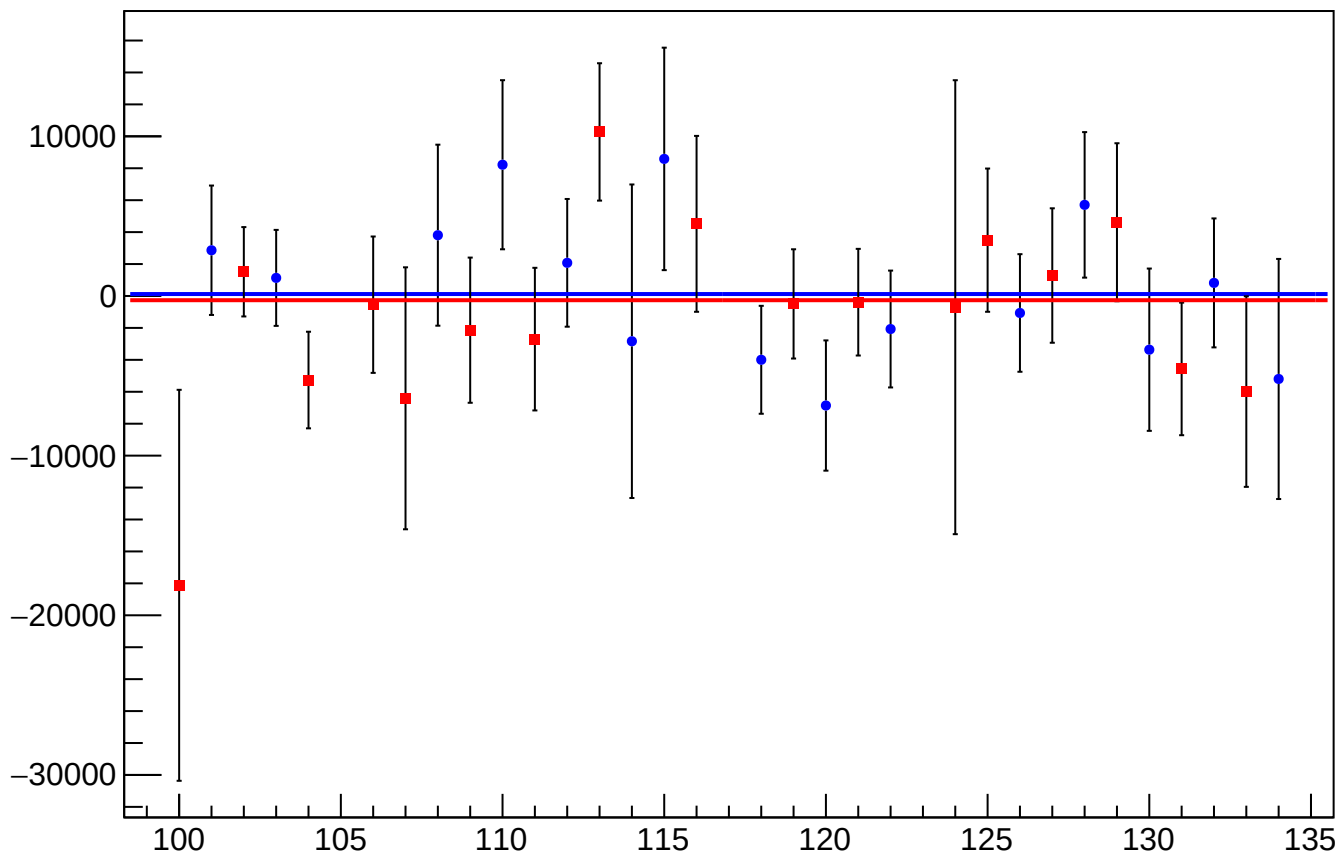
Right: 1734.380+/-0.348 χ^2/NDF : 866758.9/31

In: 1743.686+/-0.503 χ^2/NDF : 655609.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.380+/-0.348 χ^2/NDF : 866758.9/31

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 121.306+/-1122.517 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -264.785+/-1047.283 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

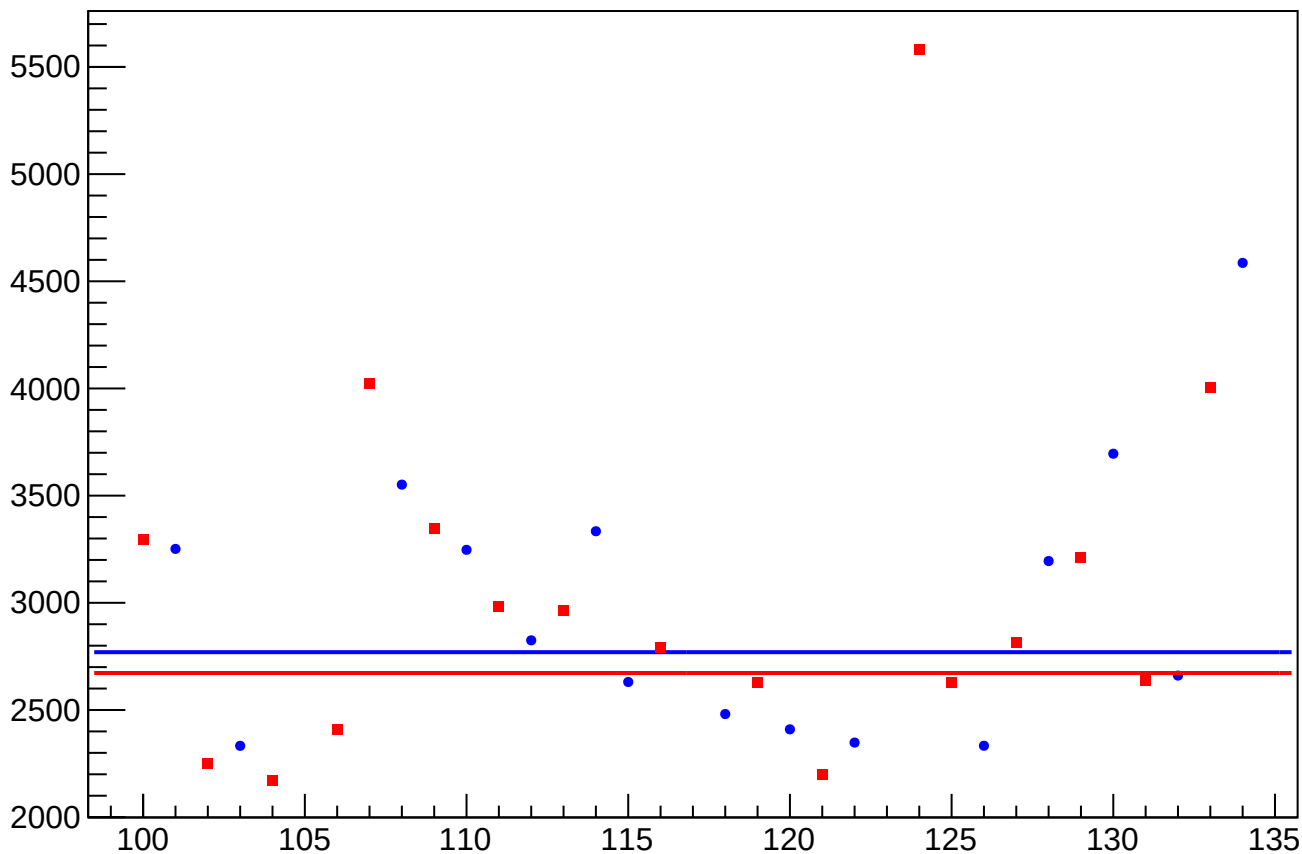
Right: -85.110+/-765.758 χ^2/NDF : 29.4/31

In: 121.306+/-1122.517 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.110+/-765.758 χ^2/NDF : 29.4/31

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2769.653+/-0.794 χ^2/NDF : 419297.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2672.573+/-0.741 χ^2/NDF : 481327.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

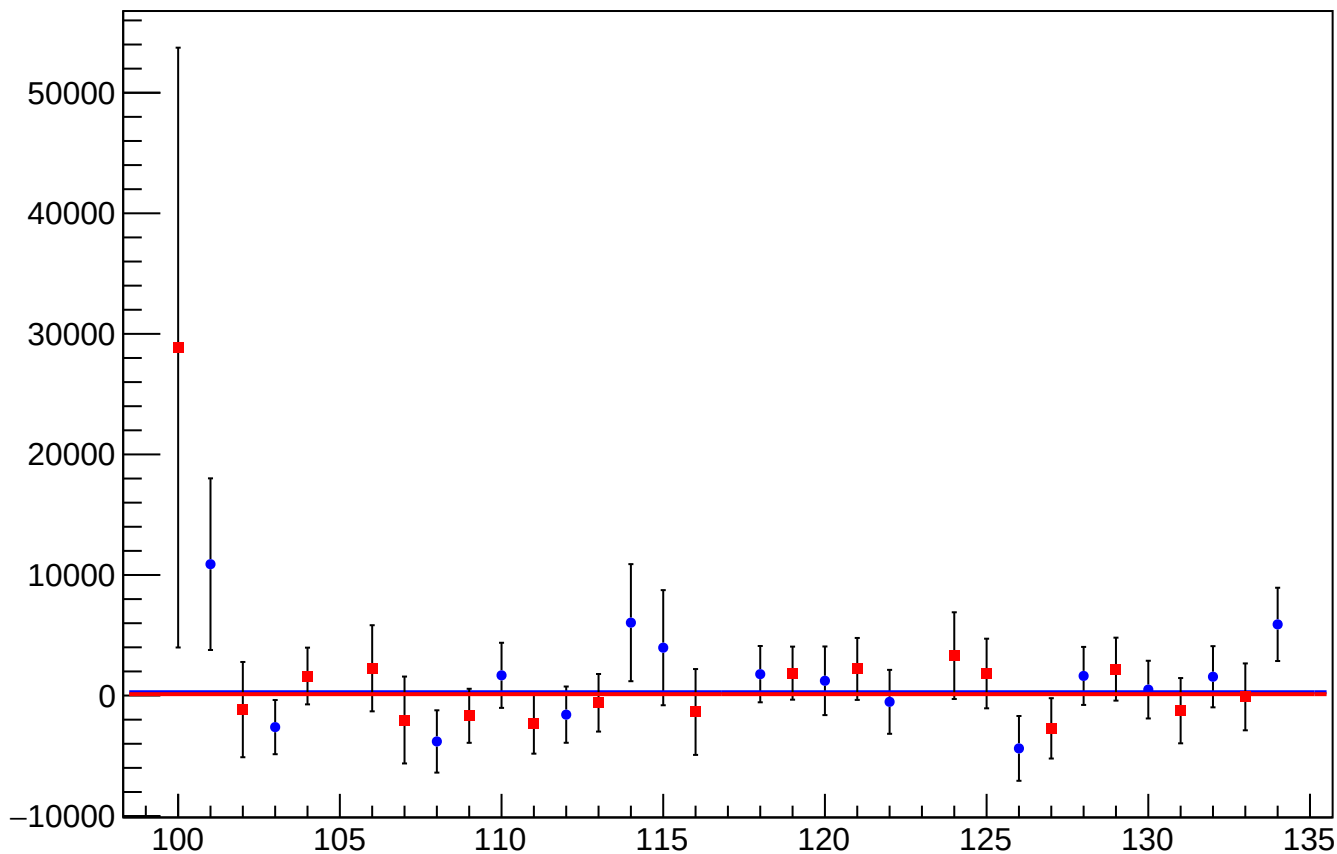
Right: 2717.751+/-0.541 χ^2/NDF : 908621.8/31

In: 2769.653+/-0.794 χ^2/NDF : 419297.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.751+/-0.541 χ^2/NDF : 908621.8/31

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 273.738+/-711.958 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.211+/-682.482 χ^2/NDF : 9.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

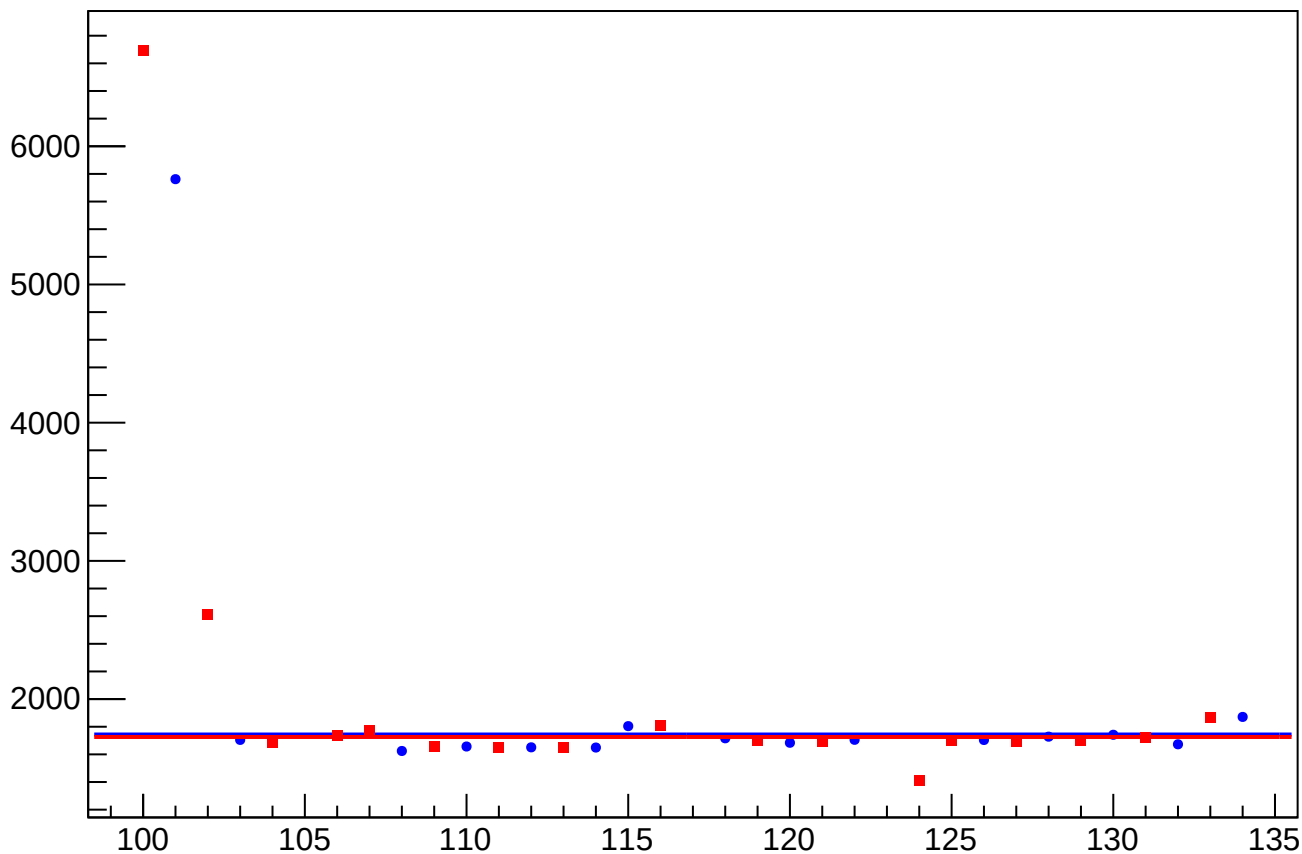
Right: 191.125+/-492.679 χ^2/NDF : 26.0/31

In: 273.738+/-711.958 χ^2/NDF : 16.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.125+/-492.679 χ^2/NDF : 26.0/31

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1743.686+/-0.503 χ^2/NDF : 655609.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.883+/-0.481 χ^2/NDF : 210496.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

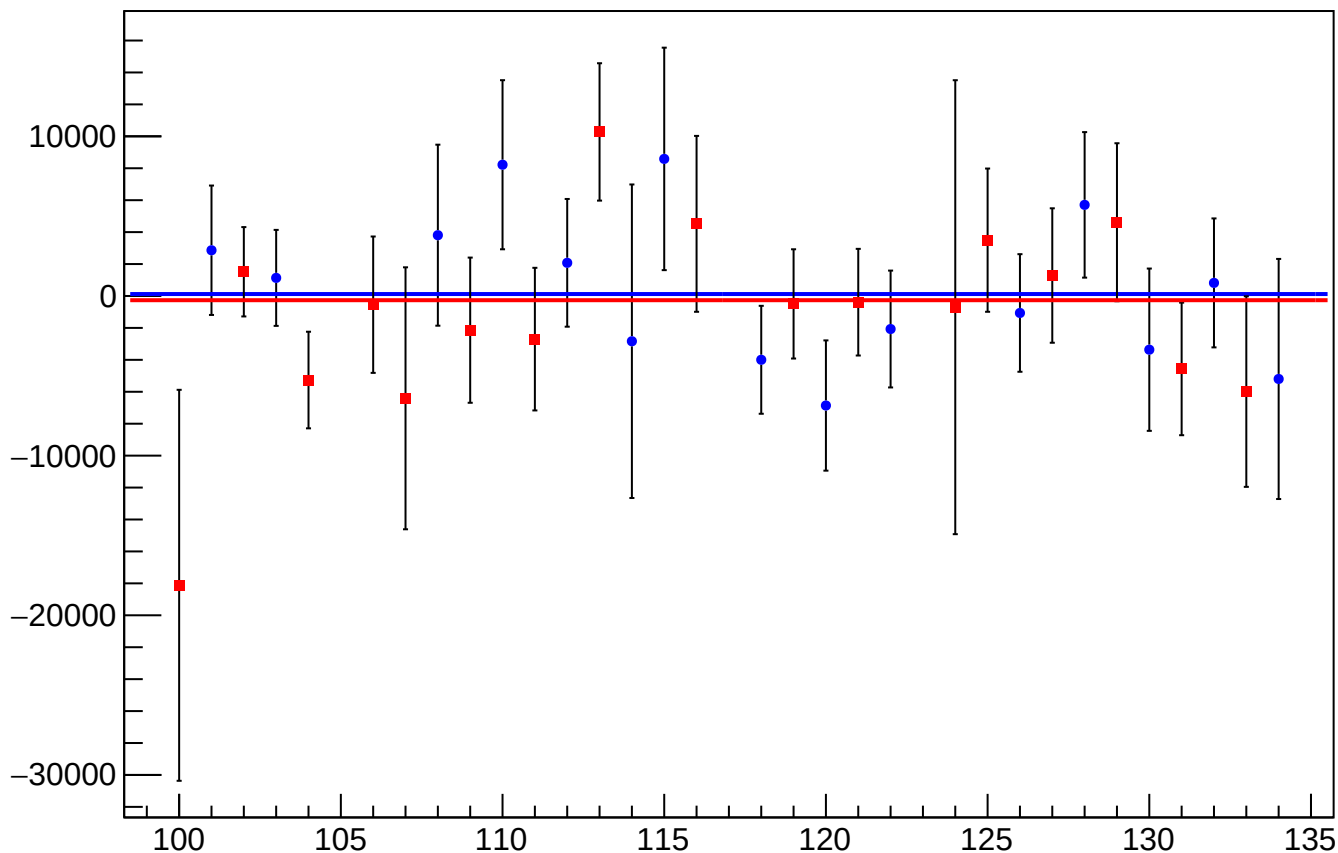
Right: 1734.380+/-0.348 χ^2/NDF : 866758.9/31

In: 1743.686+/-0.503 χ^2/NDF : 655609.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.380+/-0.348 χ^2/NDF : 866758.9/31

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 121.303+/-1122.514 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -264.786+/-1047.281 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

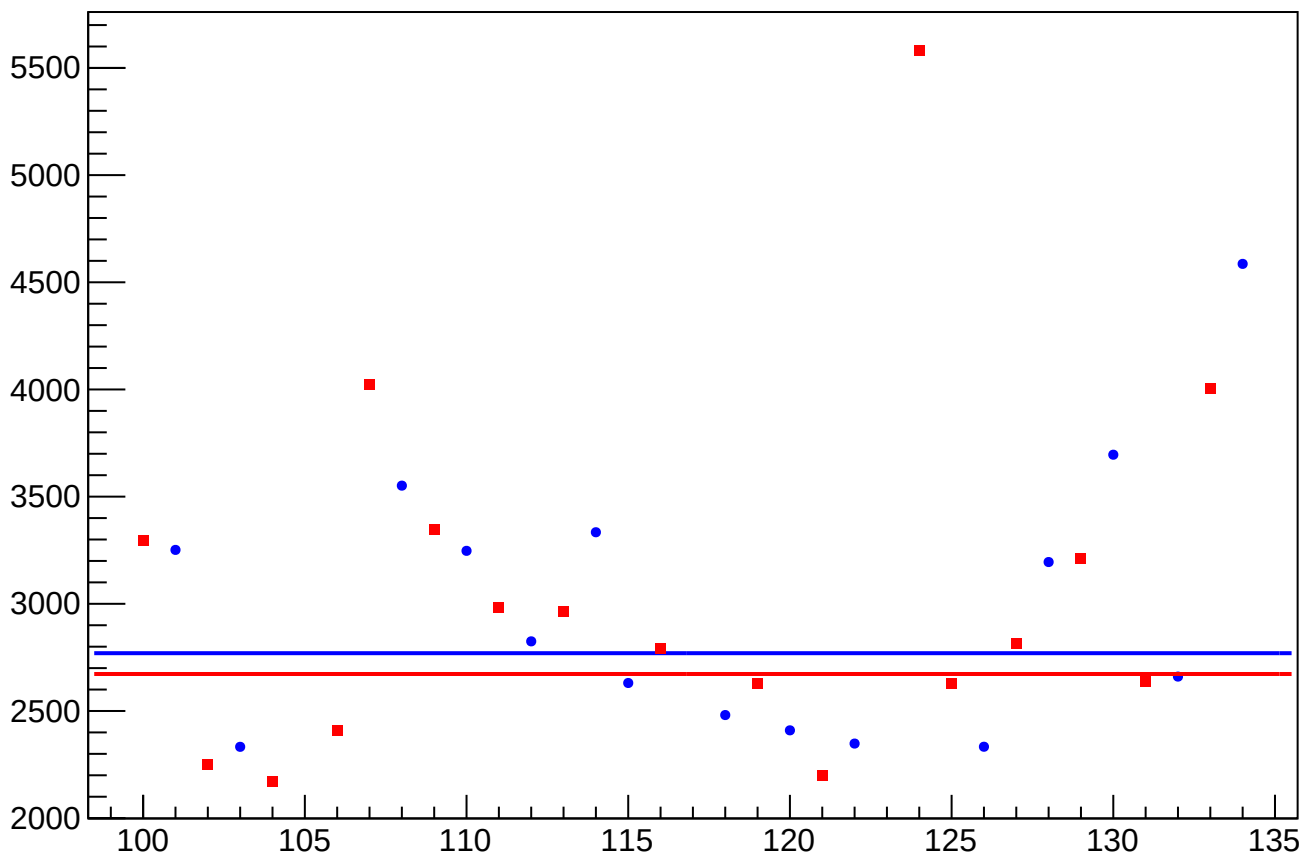
Right: -85.112+/-765.756 χ^2/NDF : 29.4/31

In: 121.303+/-1122.514 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.112+/-765.756 χ^2/NDF : 29.4/31

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2769.644+/-0.794 χ^2/NDF : 419297.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2672.567+/-0.741 χ^2/NDF : 481322.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

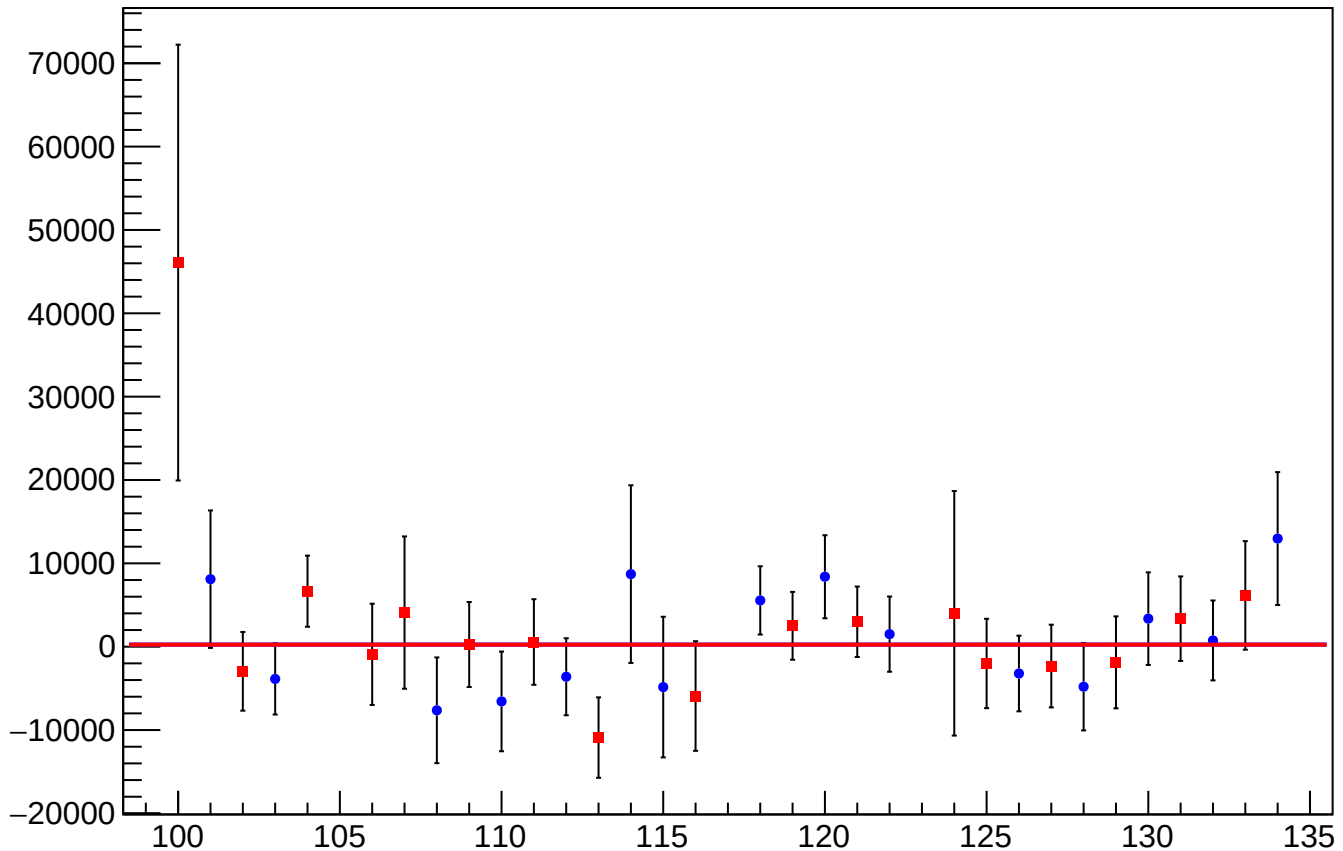
Right: 2717.744+/-0.541 χ^2/NDF : 908617.2/31

In: 2769.644+/-0.794 χ^2/NDF : 419297.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.744+/-0.541 χ^2/NDF : 908617.2/31

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 255.335 $\pm$ 1389.617 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 241.907 $\pm$ 1319.208 χ^2 /NDF: 14.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

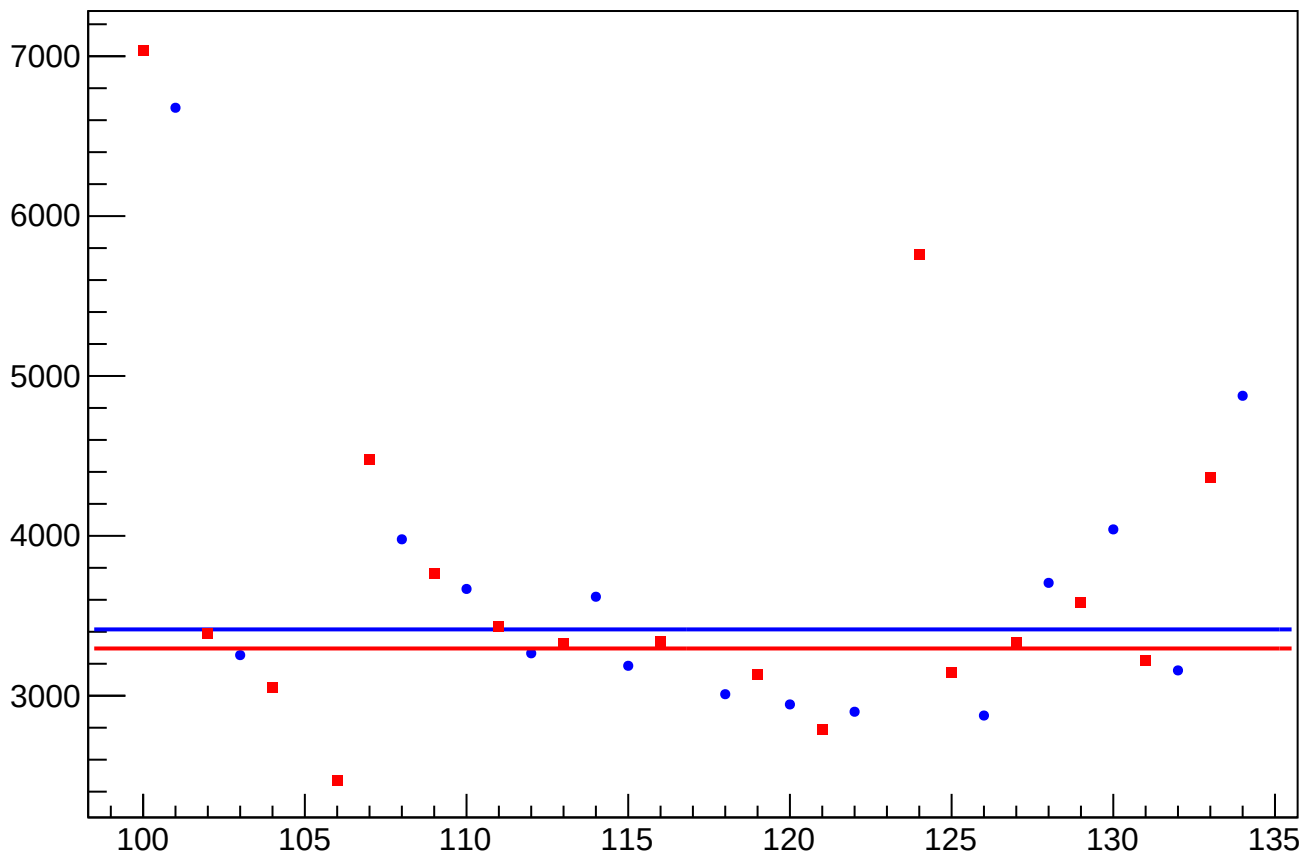
Right: 248.272 $\pm$ 956.744 χ^2 /NDF: 30.0/31

In: 255.335 $\pm$ 1389.617 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.272 $\pm$ 956.744 χ^2 /NDF: 30.0/31

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3414.861+/-0.983 χ^2/NDF : 535768.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3295.543+/-0.919 χ^2/NDF : 311191.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

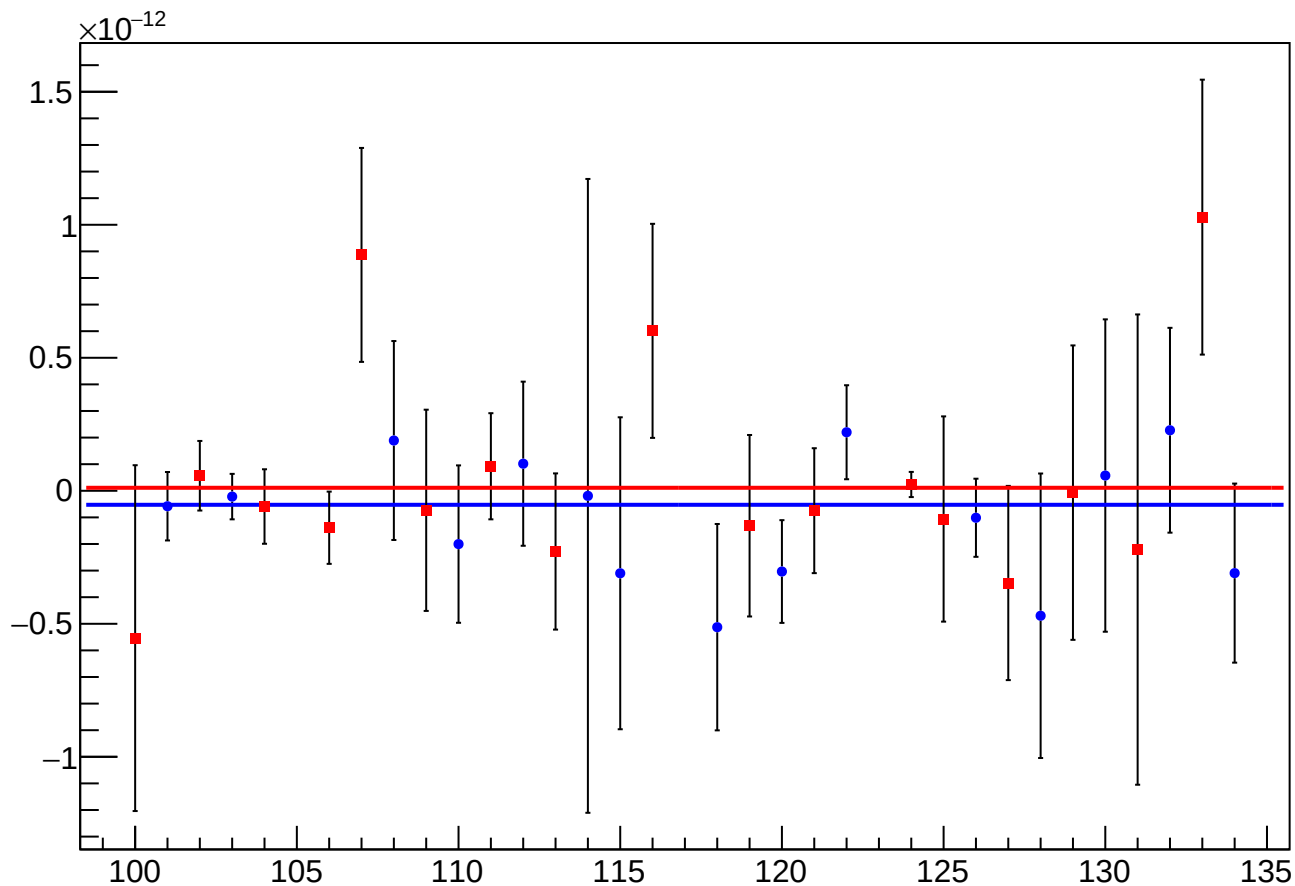
Right: 3351.211+/-0.671 χ^2/NDF : 854825.2/31

In: 3414.861+/-0.983 χ^2/NDF :535768.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3351.211+/-0.671 χ^2/NDF : 854825.2/31

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

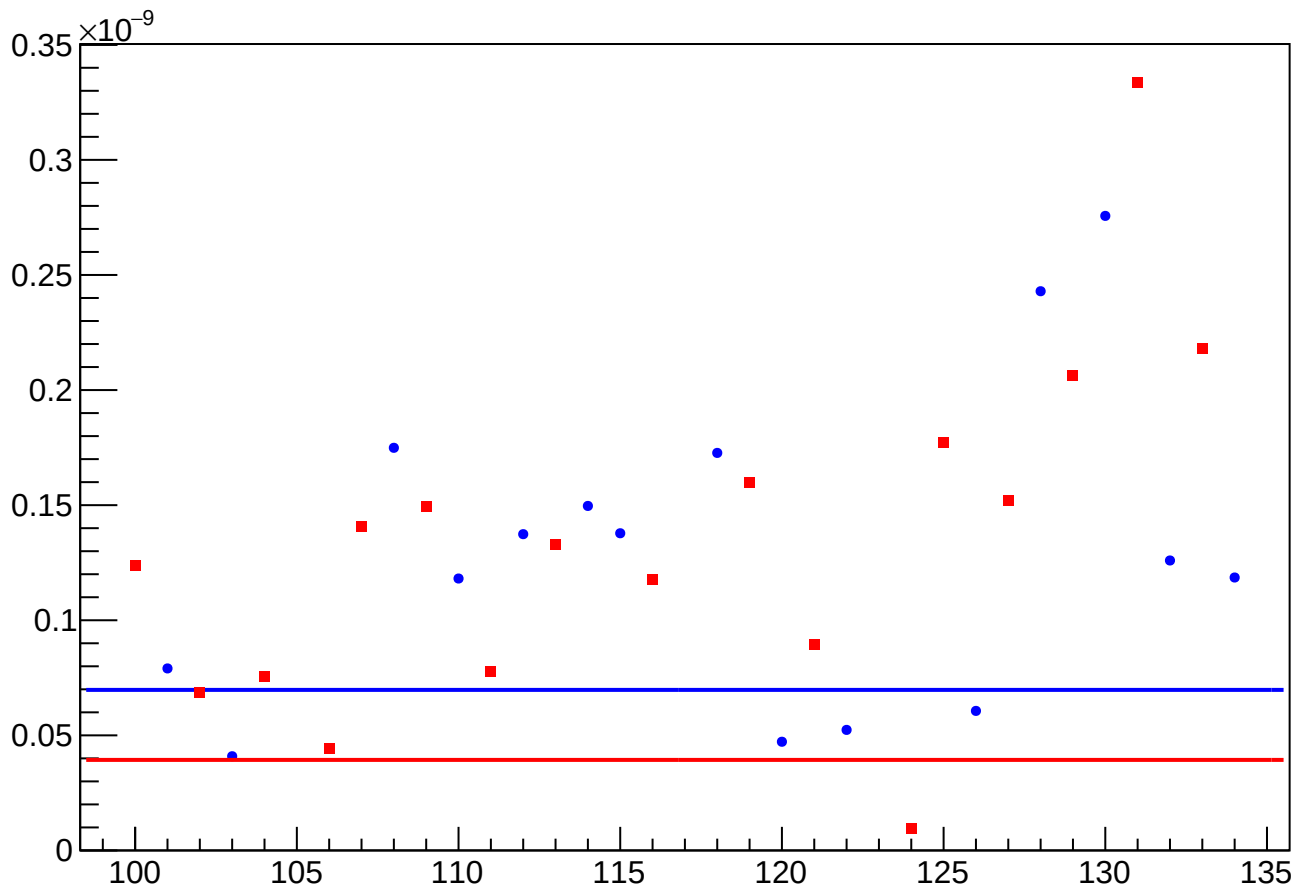
Right: -0.000 ± 0.000 χ^2/NDF : 25.1/31

In: -0.000 ± 0.000 χ^2/NDF : 8.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.1/31

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1317464.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3136251.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

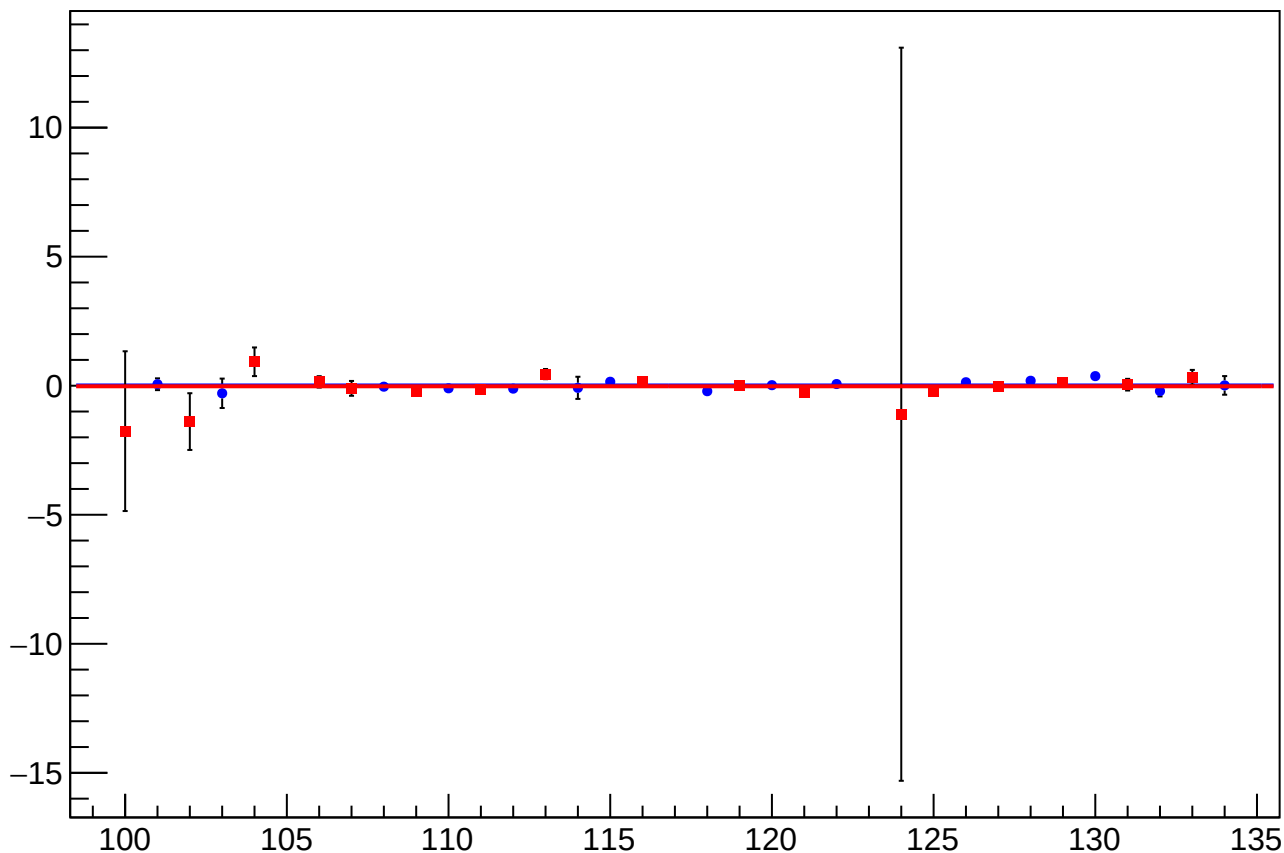
Right: 0.000+/-0.000 χ^2/NDF : 4900543.1/31

In: 0.000+/-0.000 χ^2/NDF : 1317464.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4900543.1/31

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

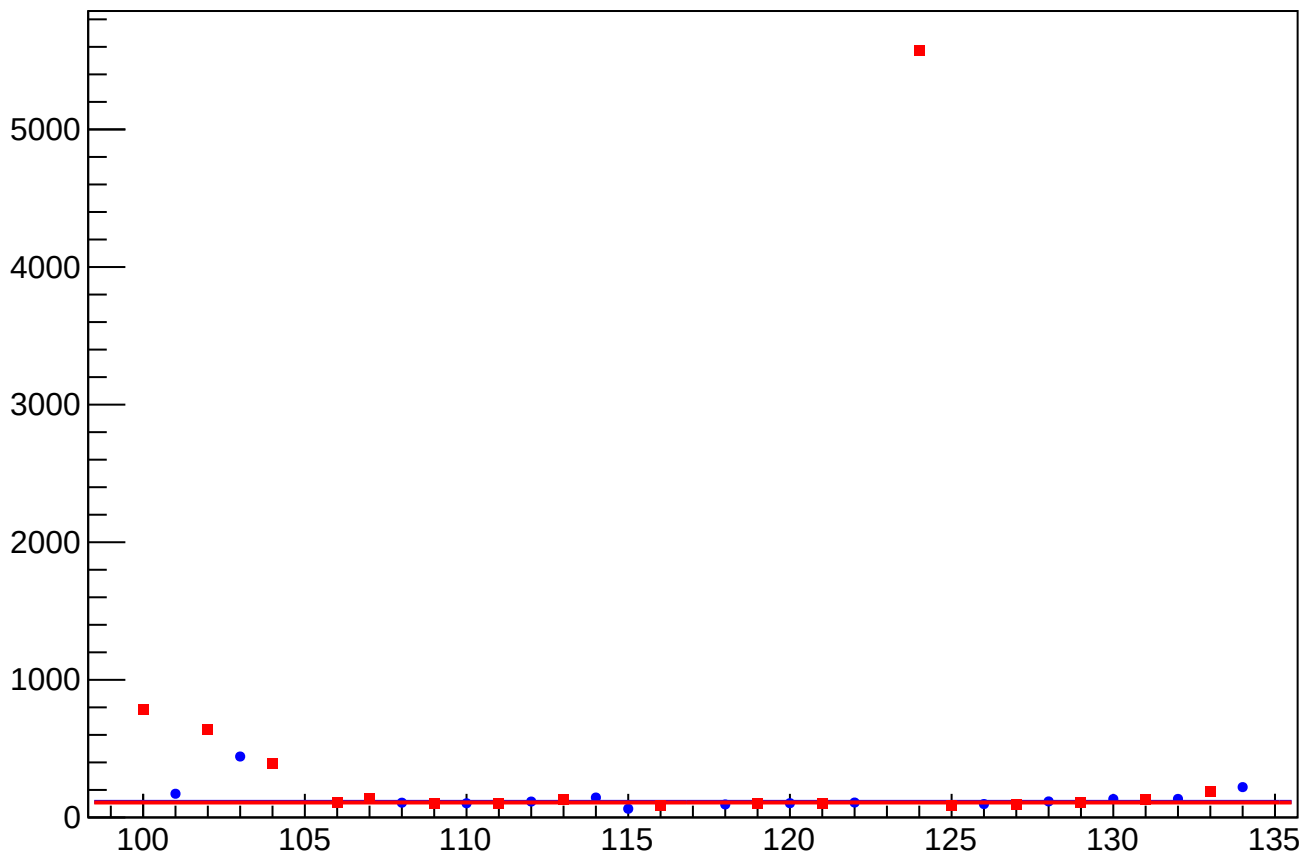
Right: -0.007 $\pm$ 0.034 χ^2 /NDF: 33.4/31

In: 0.010 $\pm$ 0.049 χ^2 /NDF:11.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.034 χ^2 /NDF: 33.4/31

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.230+/-0.035 χ^2/NDF : 1275042.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.697+/-0.034 χ^2/NDF : 1742891.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

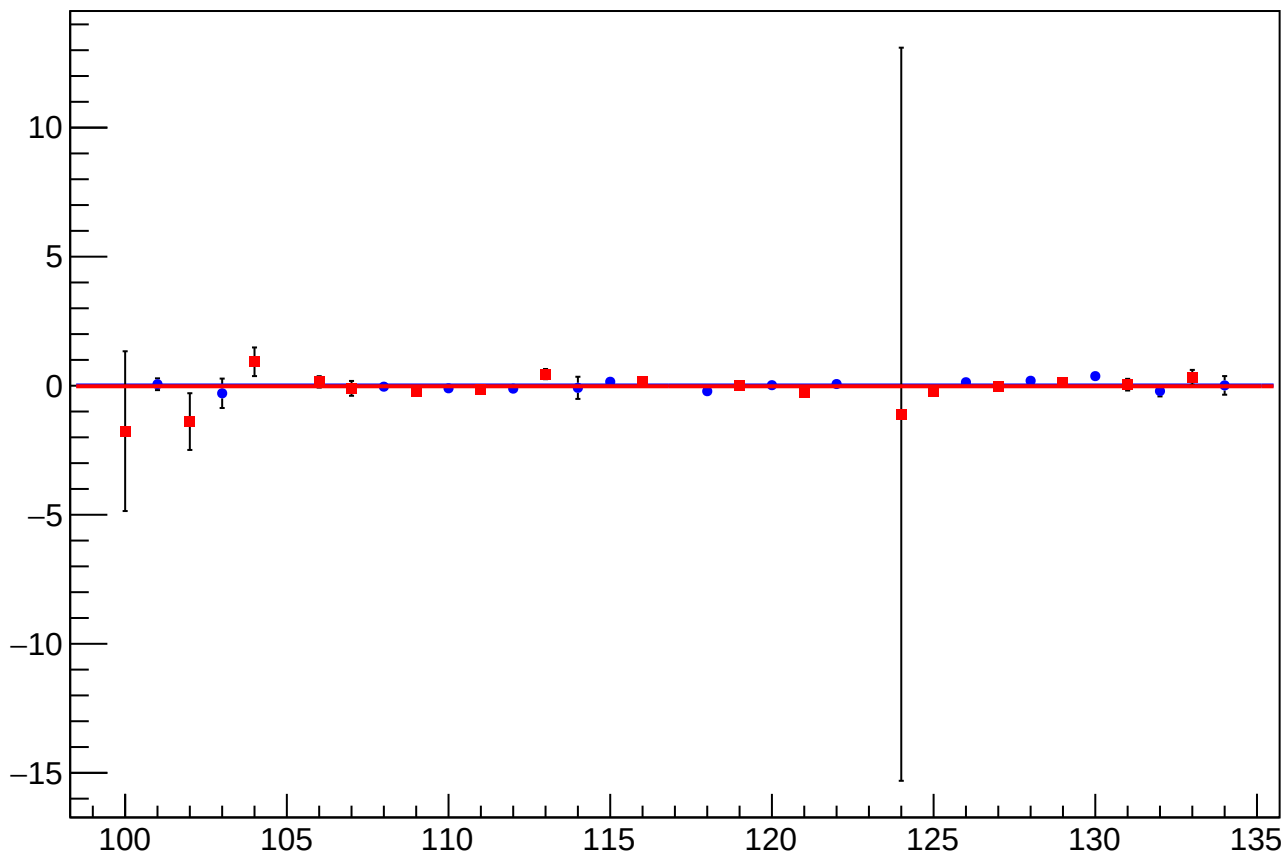
Right: 110.898+/-0.024 χ^2/NDF : 3026810.9/31

In: 113.230+/-0.035 χ^2/NDF : 1275042.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.898+/-0.024 χ^2/NDF : 3026810.9/31

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.049 χ^2/NDF : 11.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.047 χ^2/NDF : 21.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

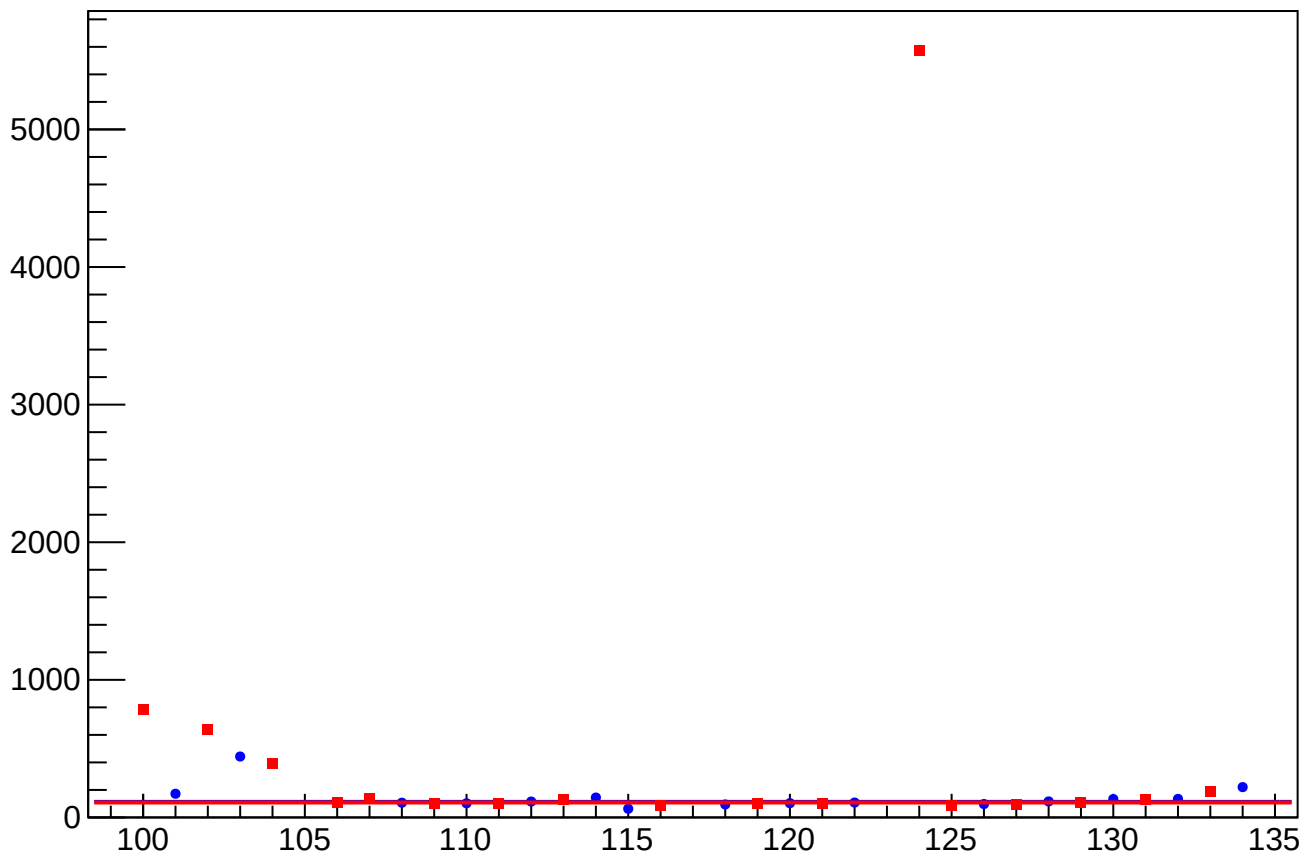
Right: -0.007+/-0.034 χ^2/NDF : 33.4/31

In: 0.010+/-0.049 χ^2/NDF : 11.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.034 χ^2/NDF : 33.4/31

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.230+/-0.035 χ^2/NDF : 1275042.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.697+/-0.034 χ^2/NDF : 1742891.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

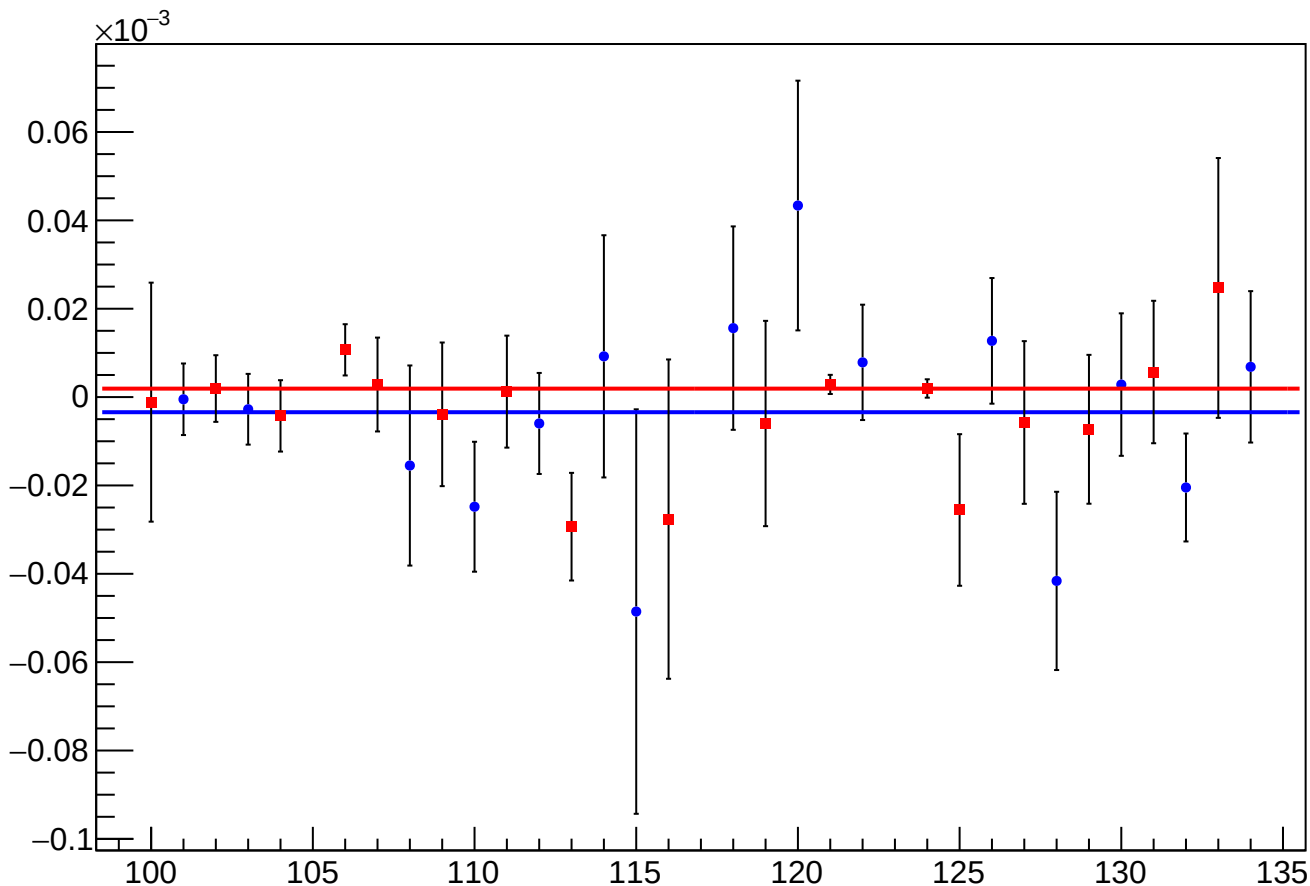
Right: 110.898+/-0.024 χ^2/NDF : 3026810.9/31

In: 113.230+/-0.035 χ^2/NDF : 1275042.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.898+/-0.024 χ^2/NDF : 3026810.9/31

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

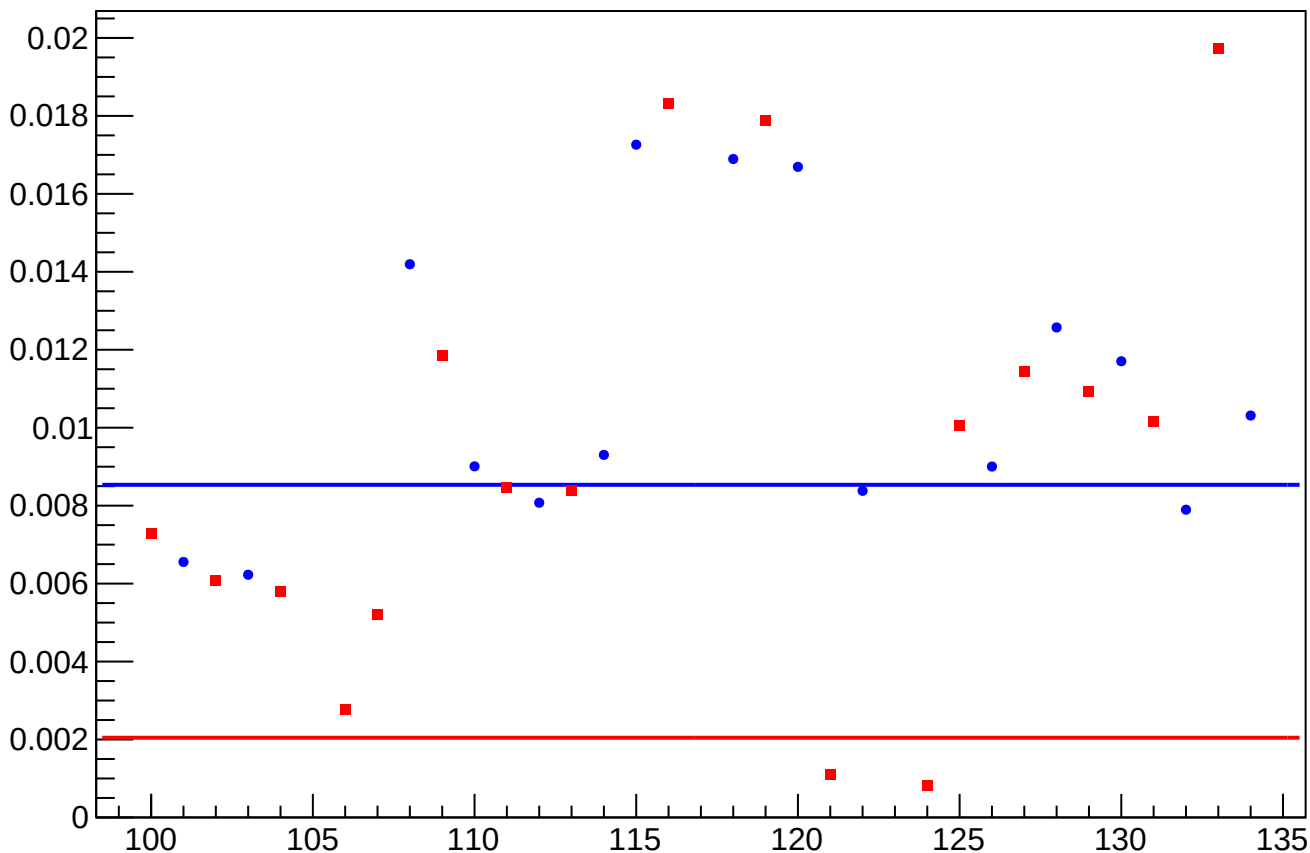
Right: 0.000+/-0.000 χ^2/NDF : 31.5/31

In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.5/31

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000

χ^2/NDF : 1107090.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 8225929.8/16

Left 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 : 15038507.6/31

In: 0.009+/-0.000

χ^2/NDF : 1107090.7/14

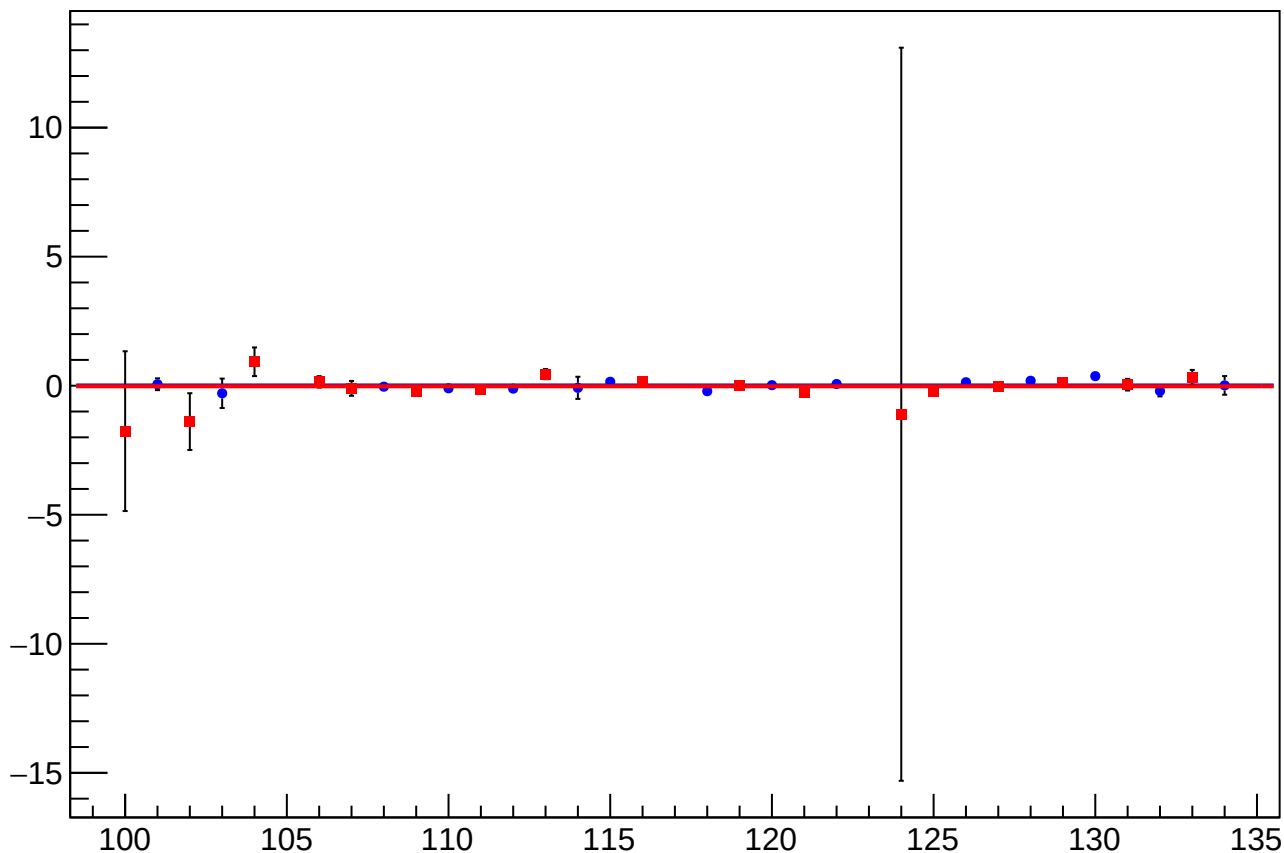
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 15038507.6/31

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

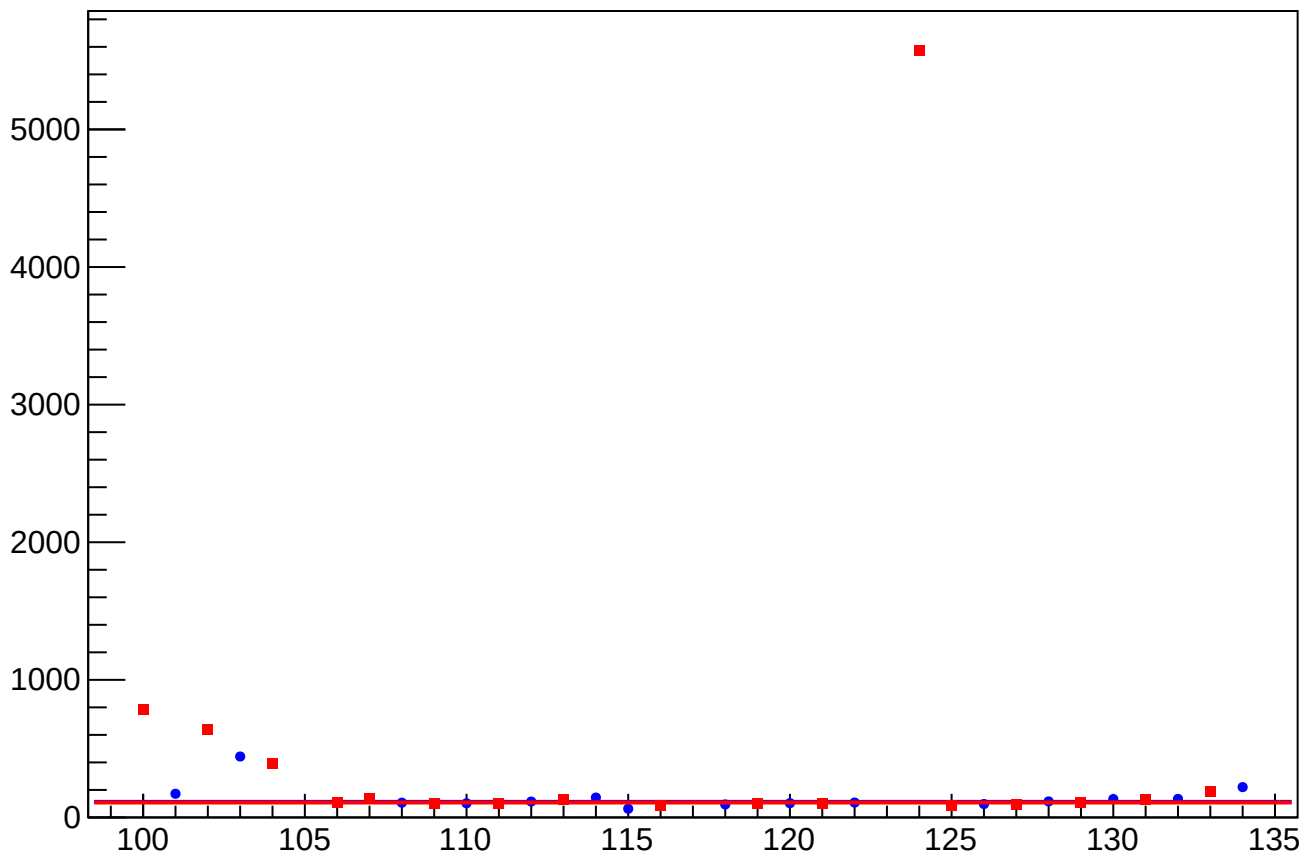
Right: -0.007 $\pm$ 0.034 χ^2 /NDF: 33.4/31

In: 0.010 $\pm$ 0.049 χ^2 /NDF:11.4/14

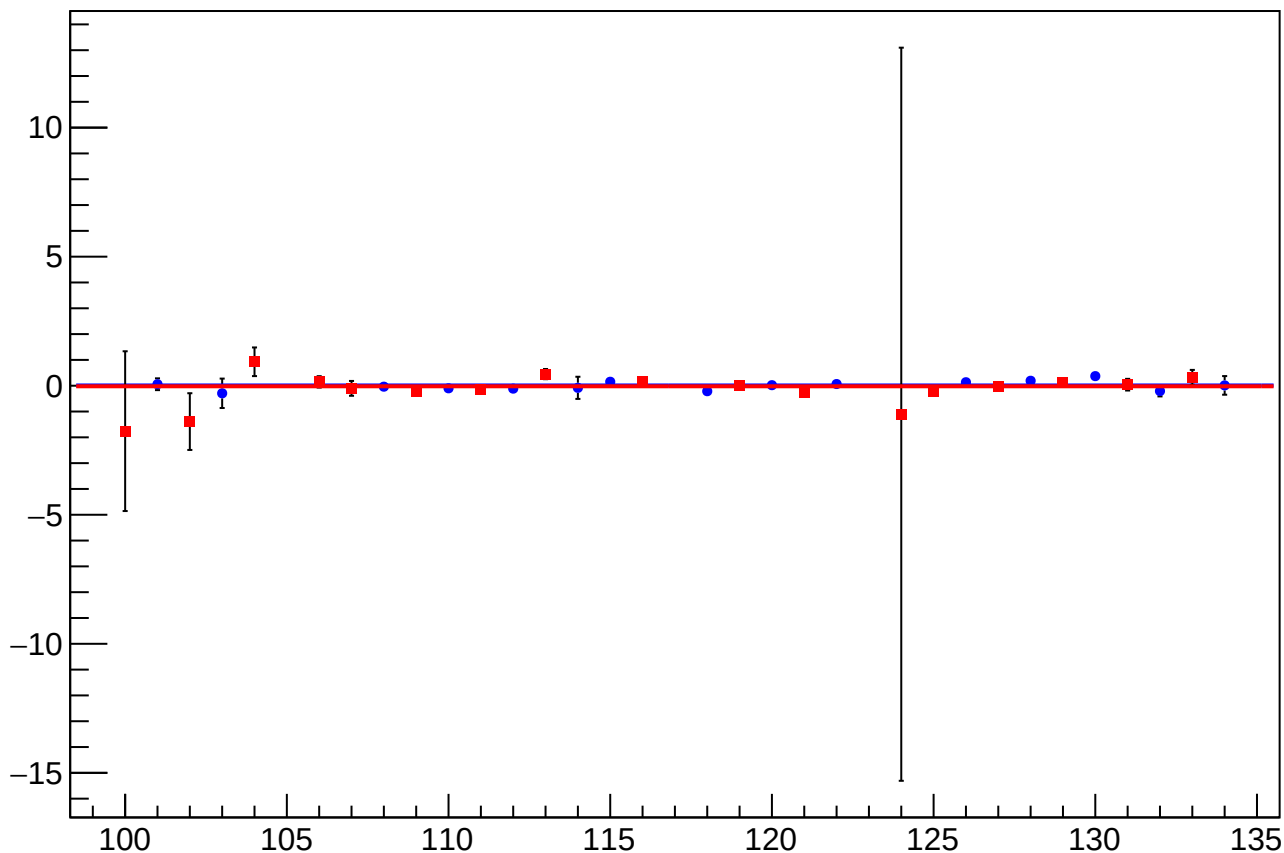
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.034 χ^2 /NDF: 33.4/31

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

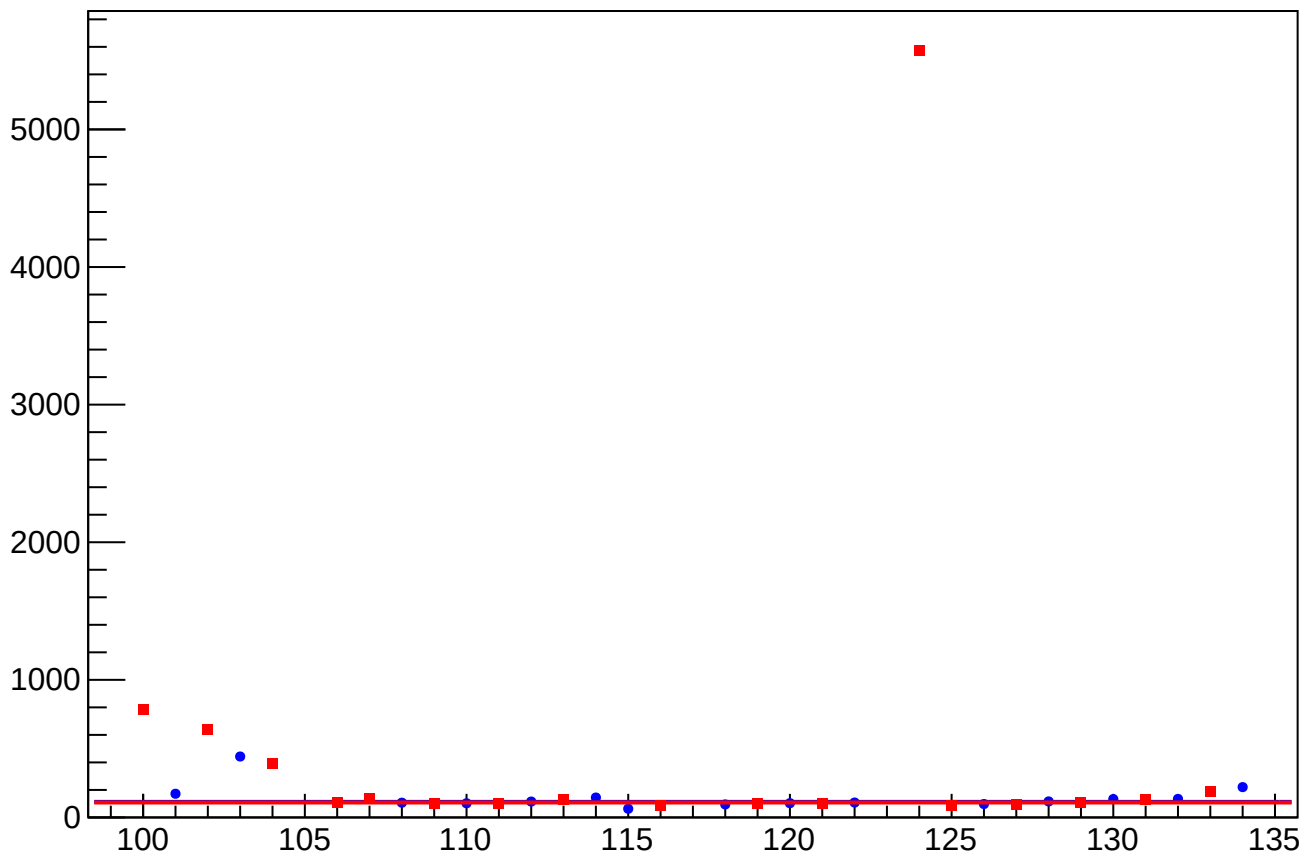
Right: -0.007 $\pm$ 0.034 χ^2 /NDF: 33.4/31

In: 0.010 $\pm$ 0.049 χ^2 /NDF:11.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.034 χ^2 /NDF: 33.4/31

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.230+/-0.035 χ^2/NDF : 1274999.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.698+/-0.034 χ^2/NDF : 1742821.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

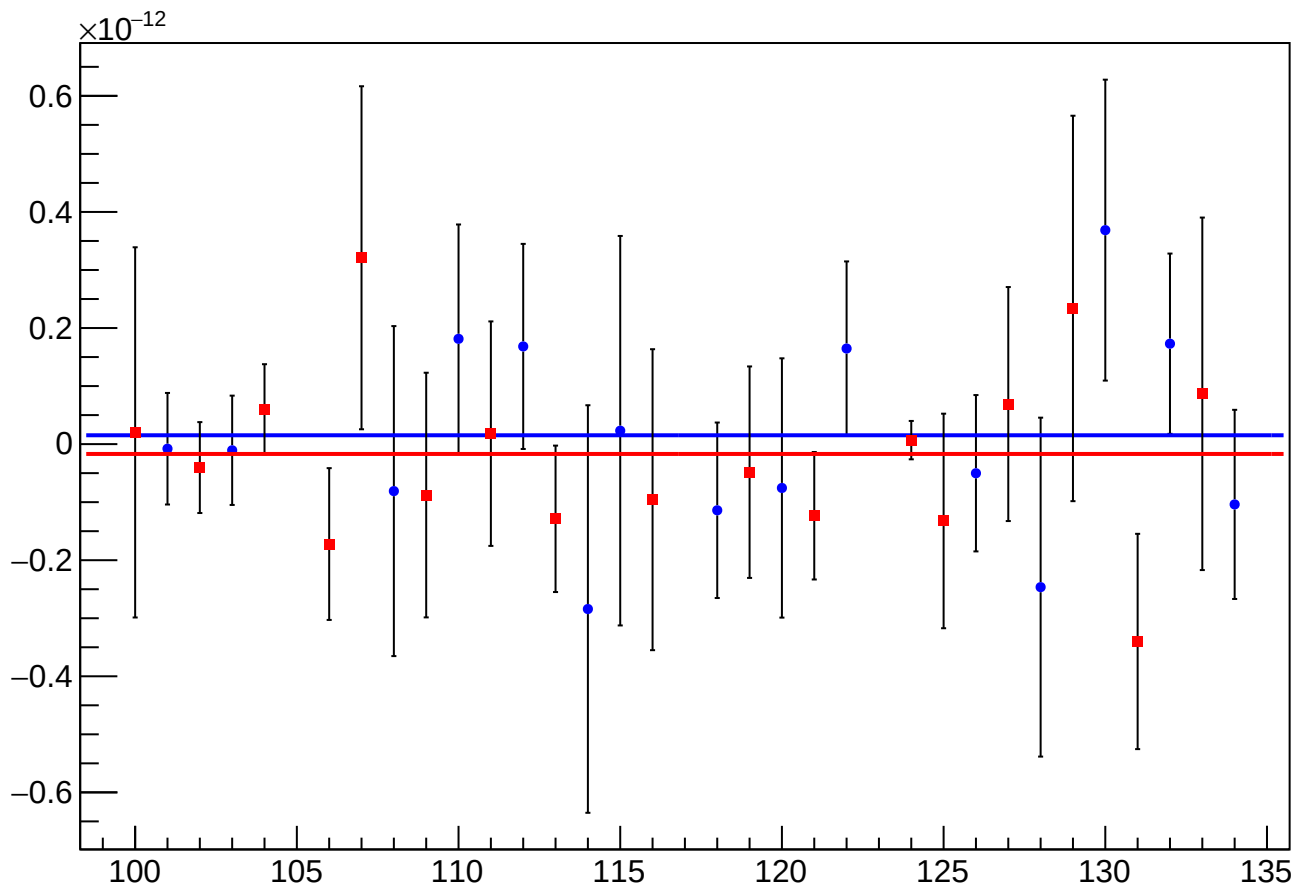
Right: 110.899+/-0.024 χ^2/NDF : 3026692.5/31

In: 113.230+/-0.035 χ^2/NDF : 1274999.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.899+/-0.024 χ^2/NDF : 3026692.5/31

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

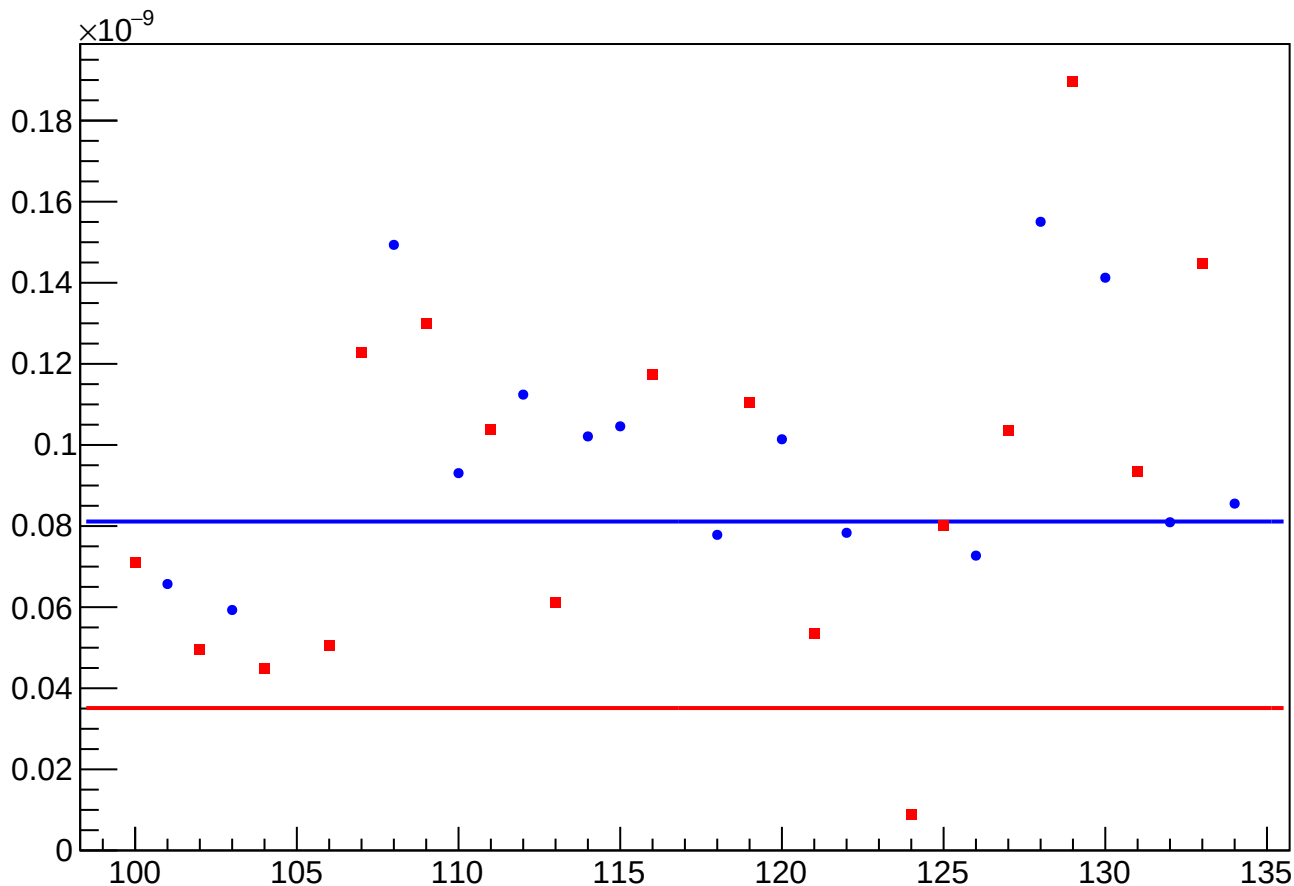
Right: -0.000+/-0.000 χ^2/NDF : 19.8/31

In: 0.000+/-0.000 χ^2/NDF : 8.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/31

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 624234.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4183330.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

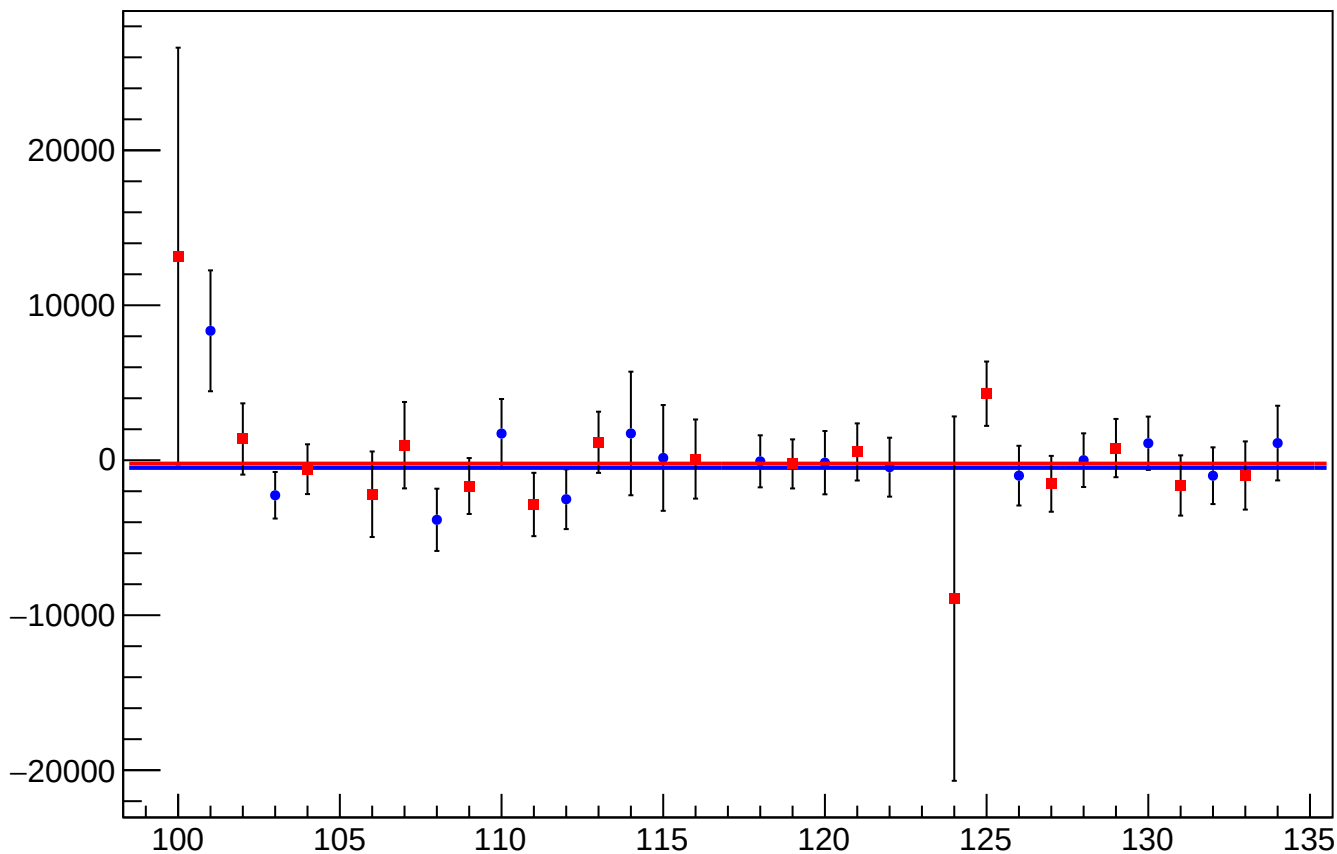
Right: 0.000+/-0.000 χ^2/NDF : 6622172.4/31

In: 0.000+/-0.000 χ^2/NDF :624234.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6622172.4/31

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -492.842 ± 522.899 χ^2/NDF : 13.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -217.420 ± 513.494 χ^2/NDF : 11.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

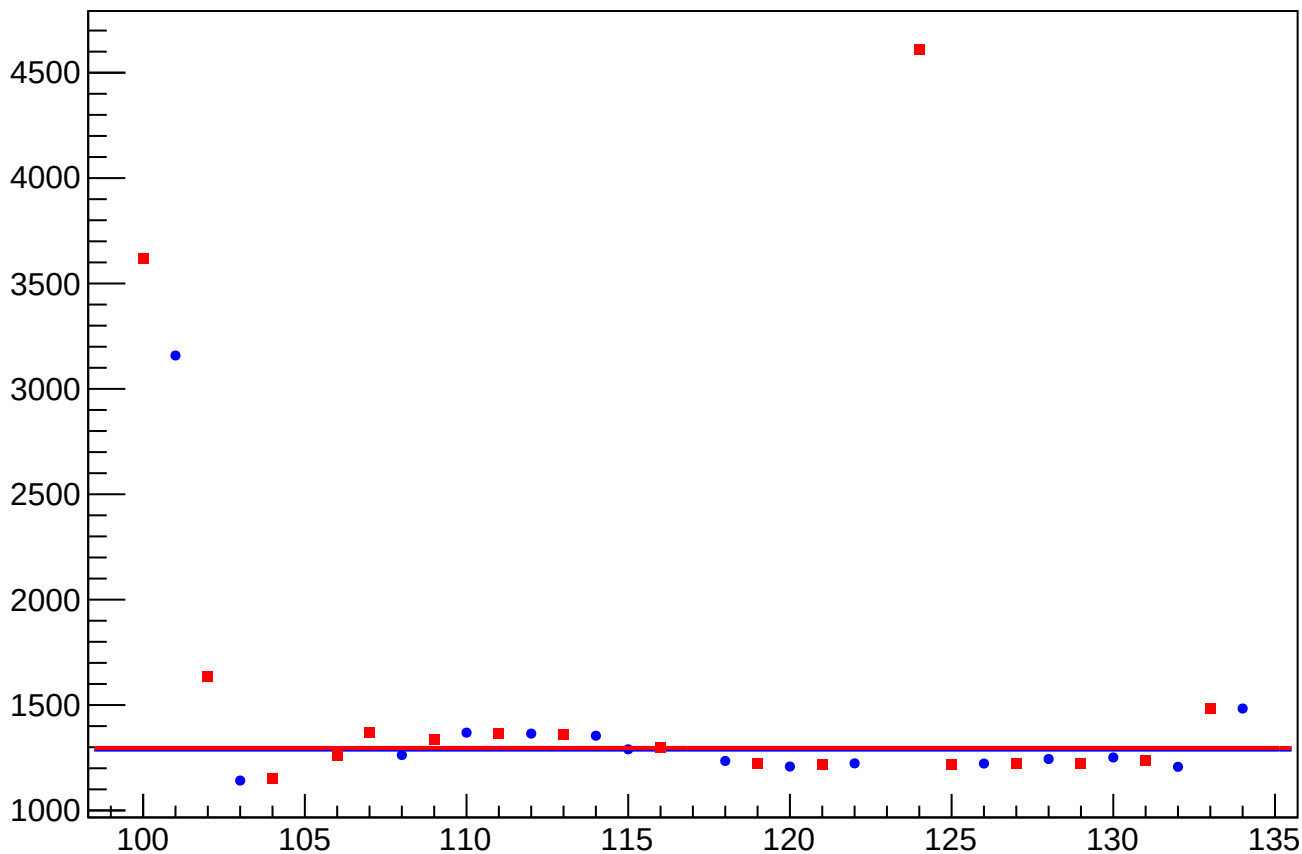
Right: -352.632 ± 366.375 χ^2/NDF : 25.4/31

In: -492.842 ± 522.899 χ^2/NDF : 13.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -352.632 ± 366.375 χ^2/NDF : 25.4/31

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514622.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.555+/-0.362 χ^2/NDF : 318960.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

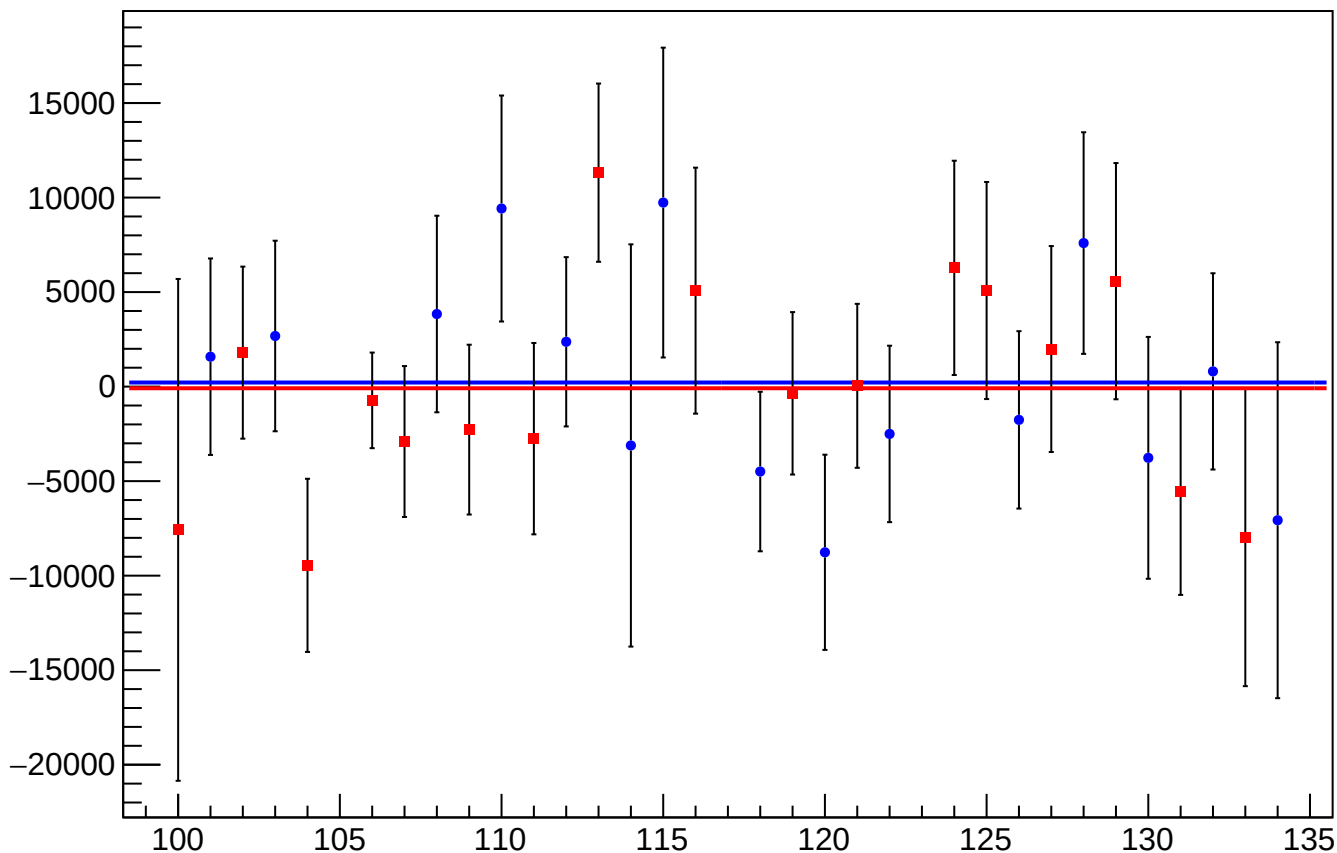
Right: 1292.620+/-0.259 χ^2/NDF : 833824.4/31

In: 1288.515+/-0.370 χ^2/NDF : 514622.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.620+/-0.259 χ^2/NDF : 833824.4/31

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 216.575+/-1411.418 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.795+/-1150.348 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

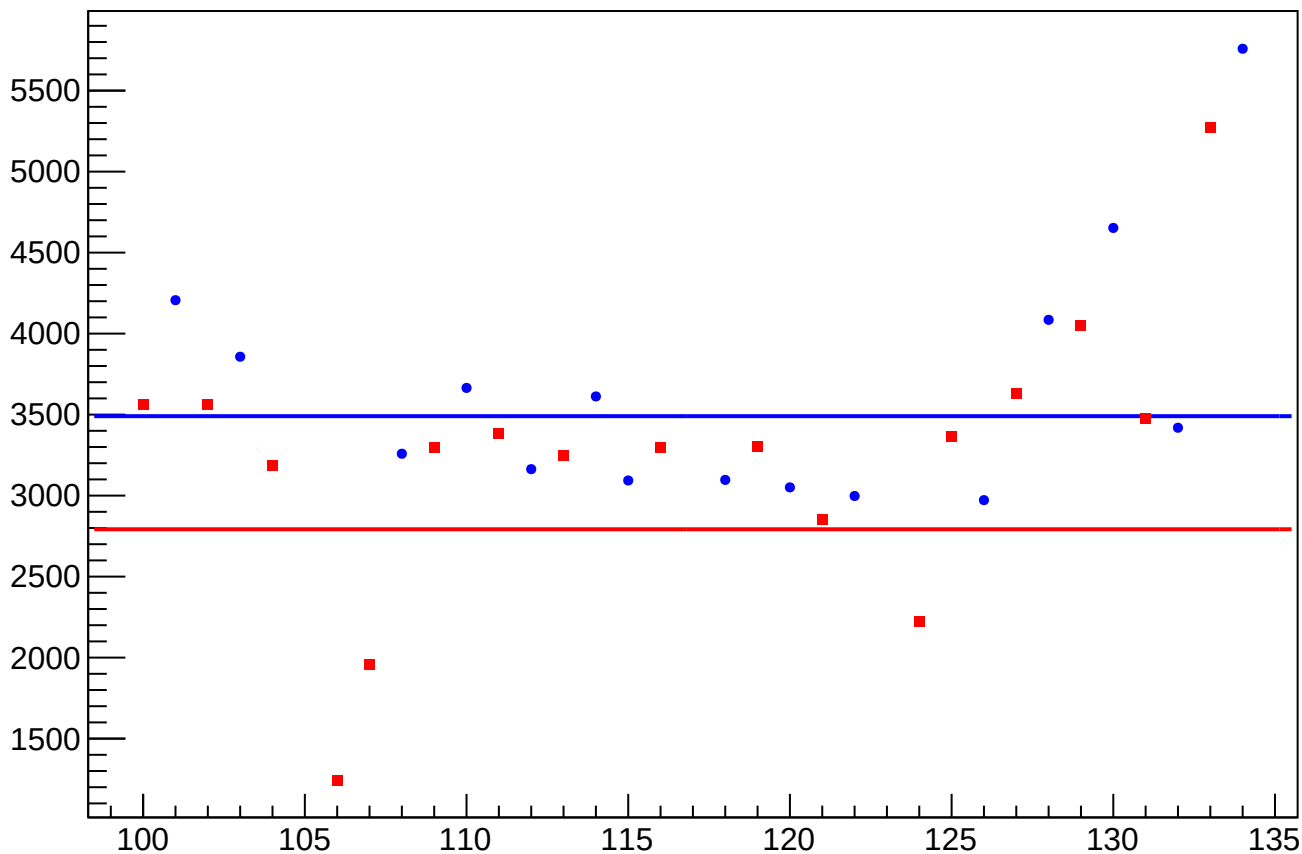
Right: 34.291+/-891.696 χ^2/NDF : 29.5/31

In: 216.575+/-1411.418 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.291+/-891.696 χ^2/NDF : 29.5/31

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2792.290+/-0.813 χ^2/NDF : 1429809.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

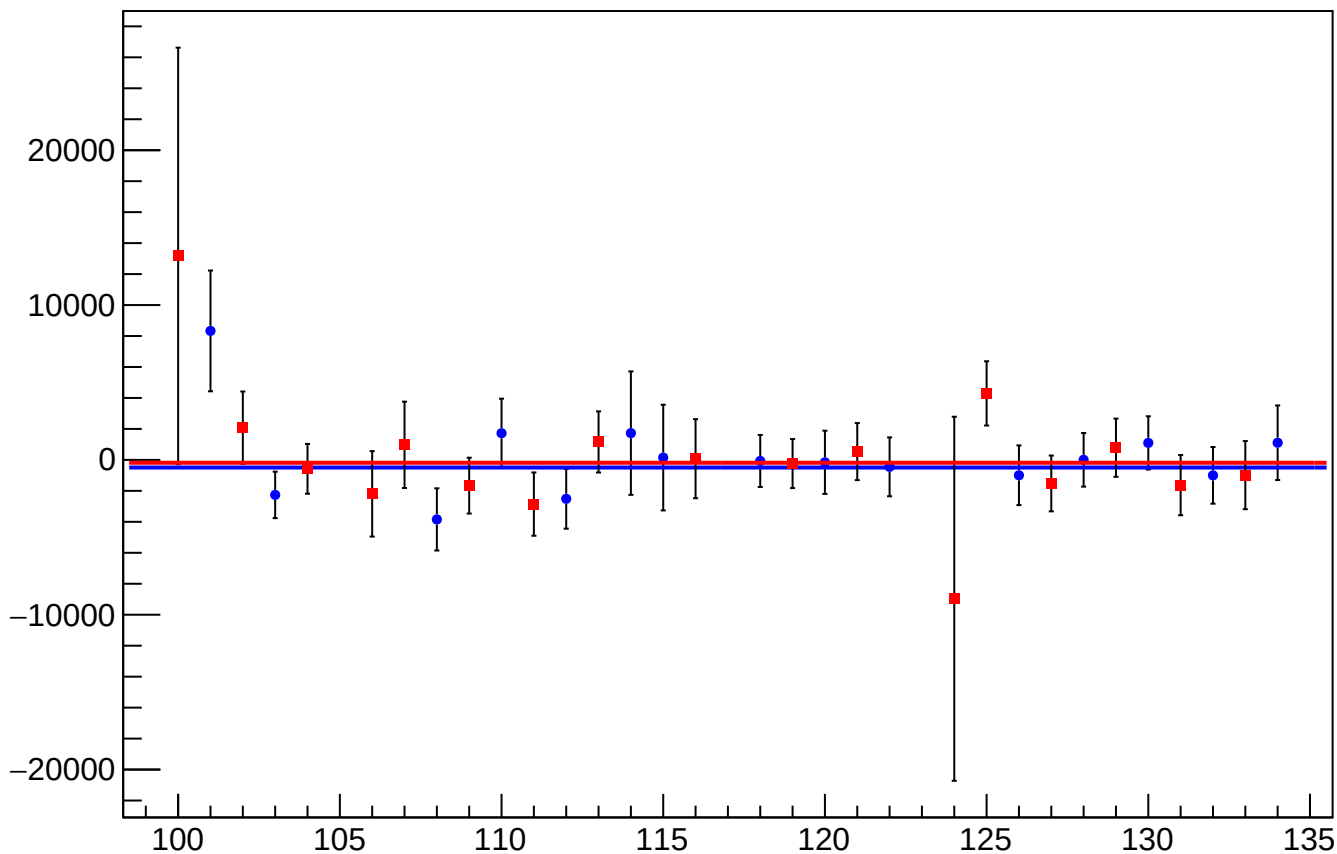
Right: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -185.468+/-513.871 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

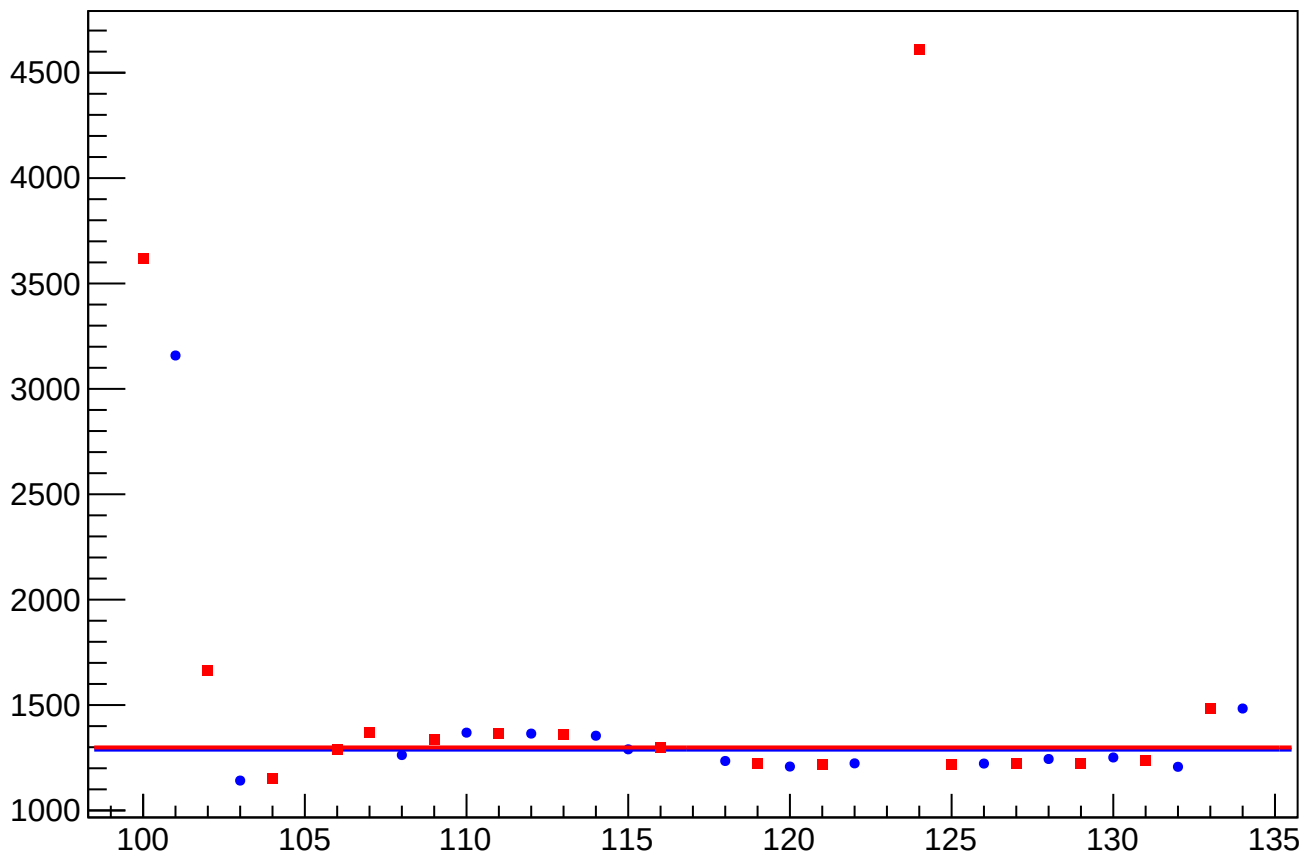
Right: -336.703+/-366.512 χ^2/NDF : 25.9/31

In: -493.297+/-522.899 χ^2/NDF :13.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -336.703+/-366.512 χ^2/NDF : 25.9/31

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

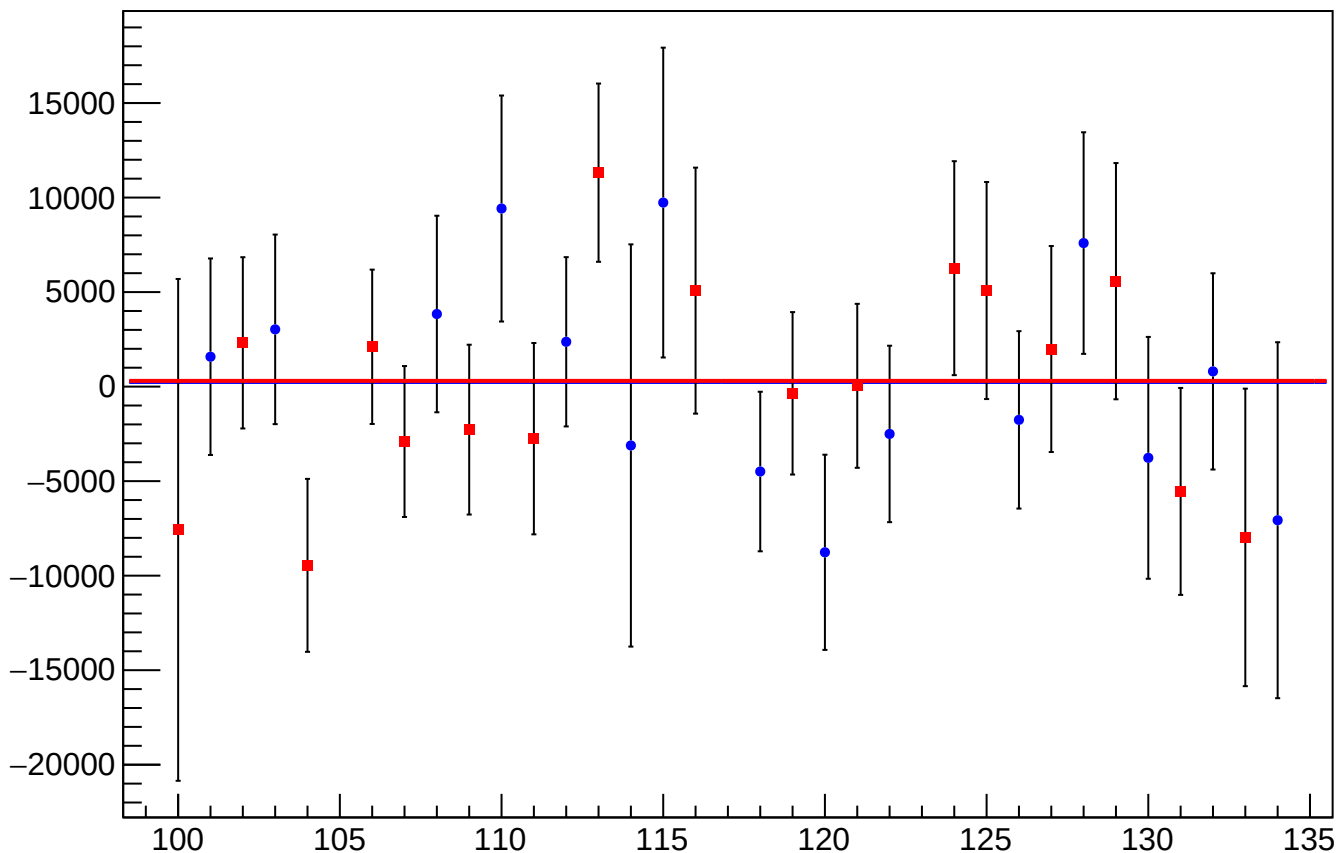
Right: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.867+/-1230.941 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

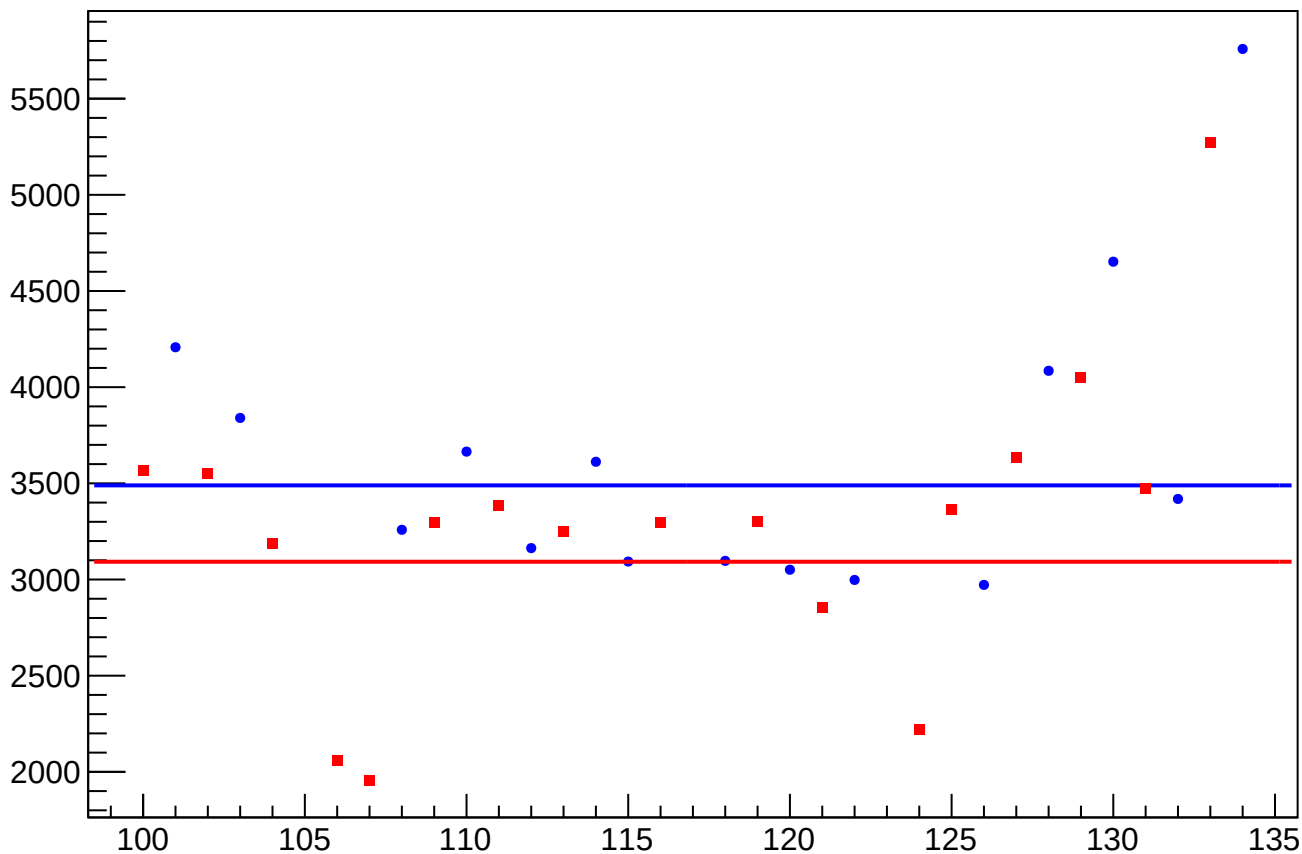
Right: 278.380+/-927.539 χ^2/NDF : 29.8/31

In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.380+/-927.539 χ^2/NDF : 29.8/31

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

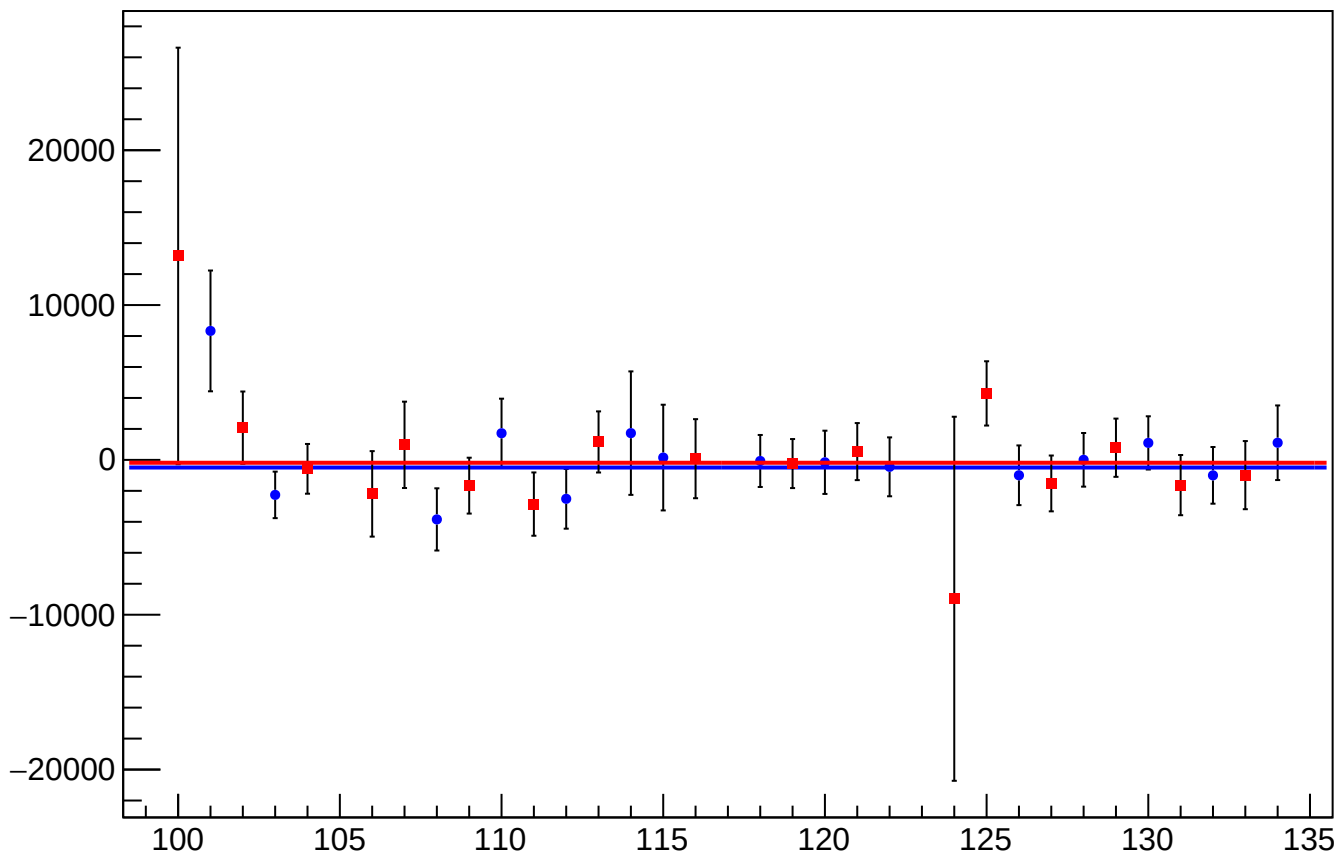
Right: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -185.468+/-513.871 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

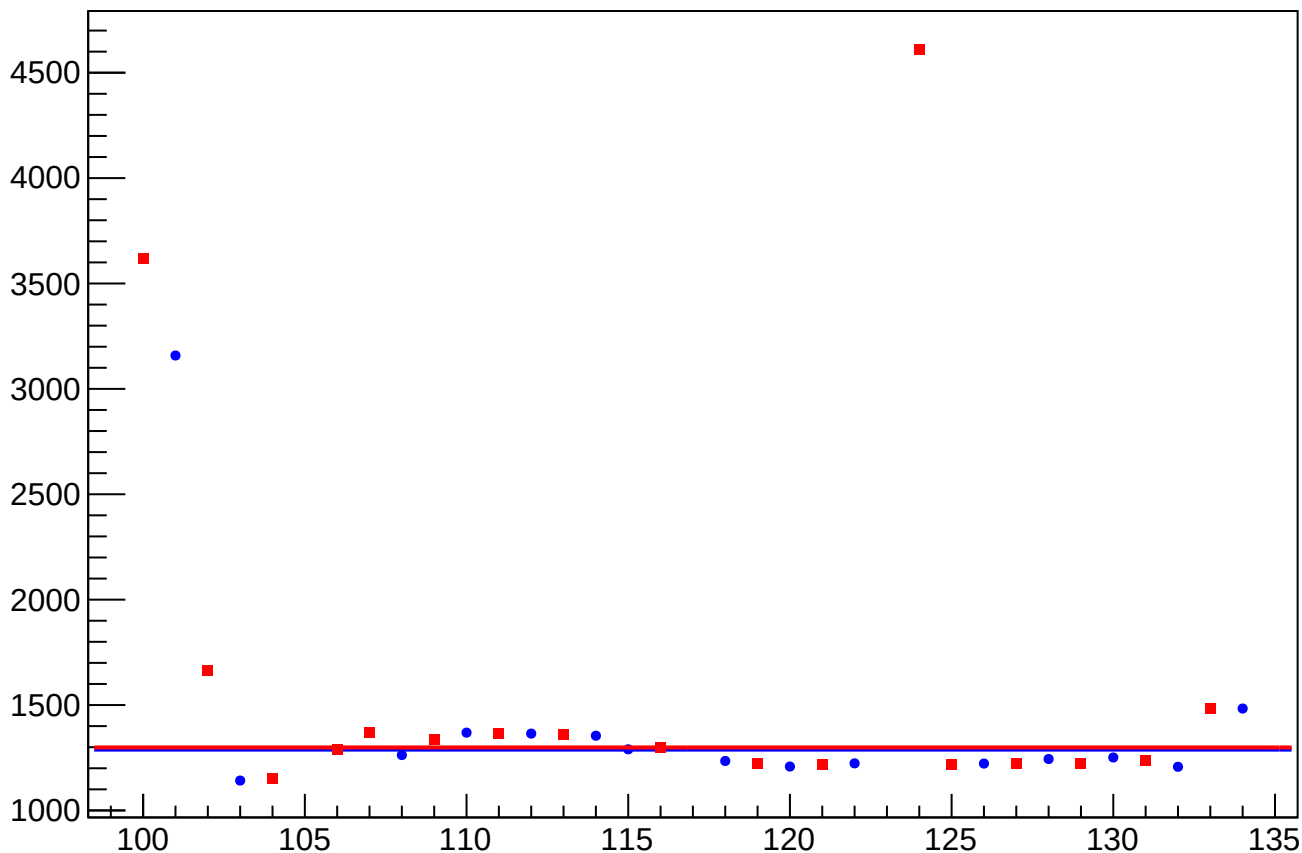
Right: -336.703+/-366.512 χ^2/NDF : 25.9/31

In: -493.297+/-522.899 χ^2/NDF :13.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -336.703+/-366.512 χ^2/NDF : 25.9/31

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

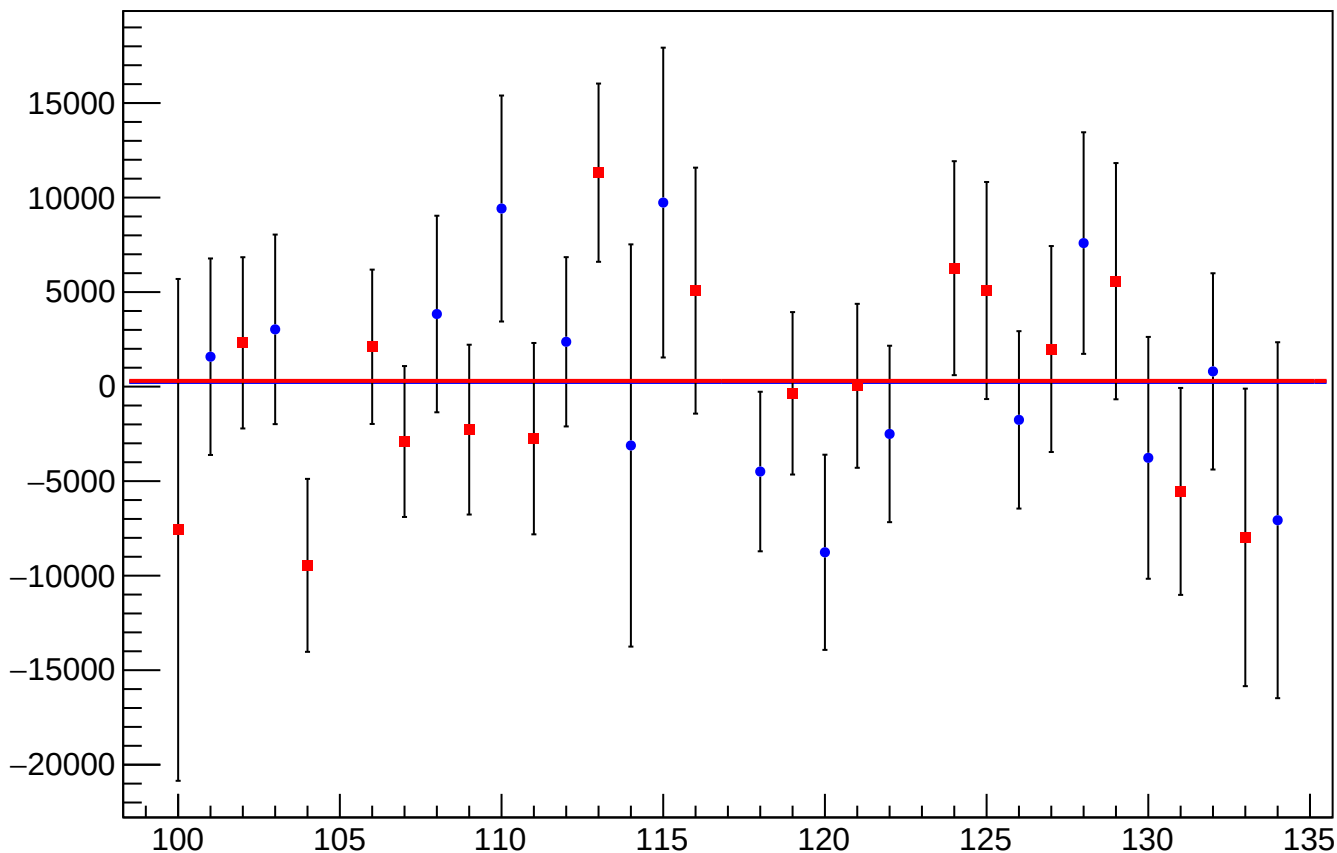
Right: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.867+/-1230.941 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

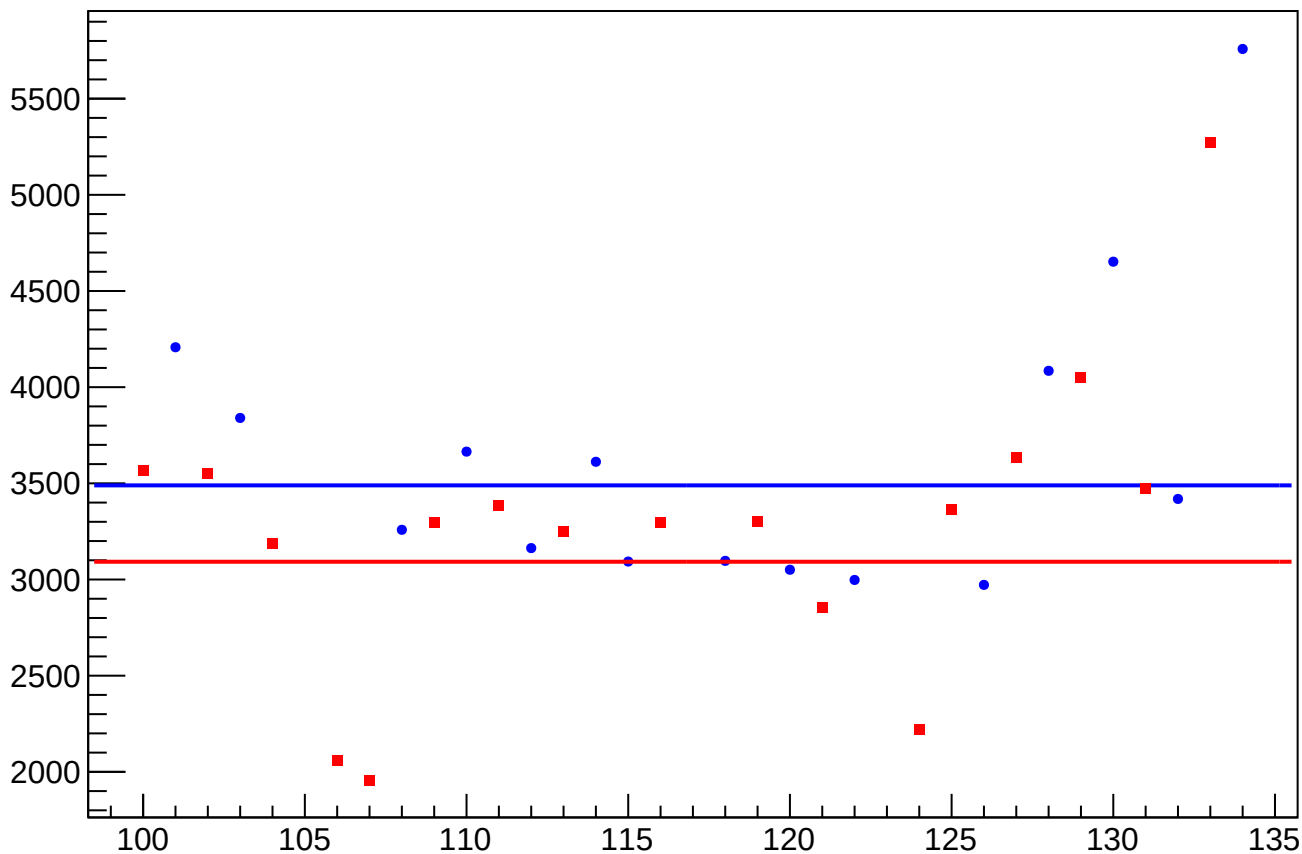
Right: 278.380+/-927.539 χ^2/NDF : 29.8/31

In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.380+/-927.539 χ^2/NDF : 29.8/31

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

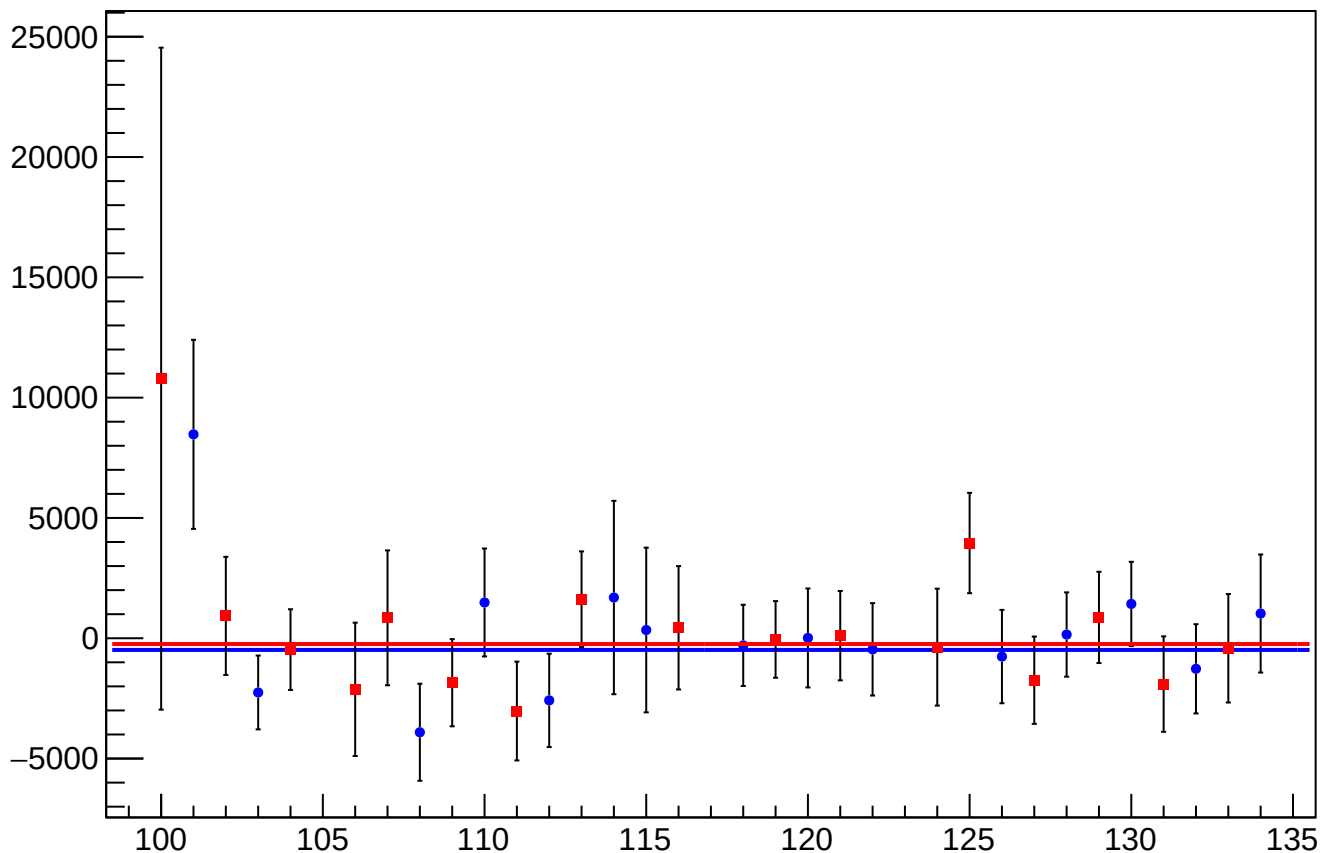
Right: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -485.013+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -240.257+/-509.871 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

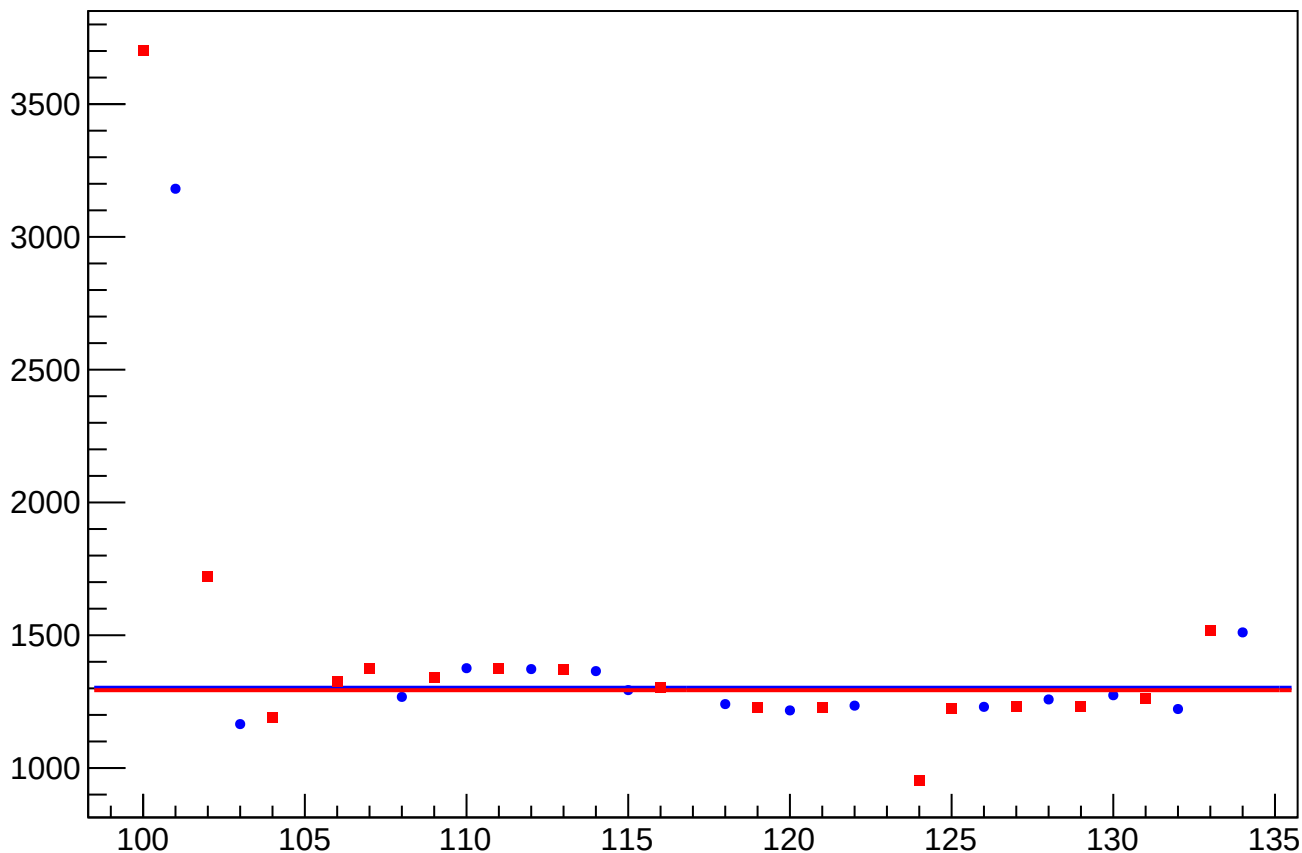
Right: -358.251+/-366.934 χ^2/NDF : 24.7/31

In: -485.013+/-528.473 χ^2/NDF :13.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -358.251+/-366.934 χ^2/NDF : 24.7/31

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

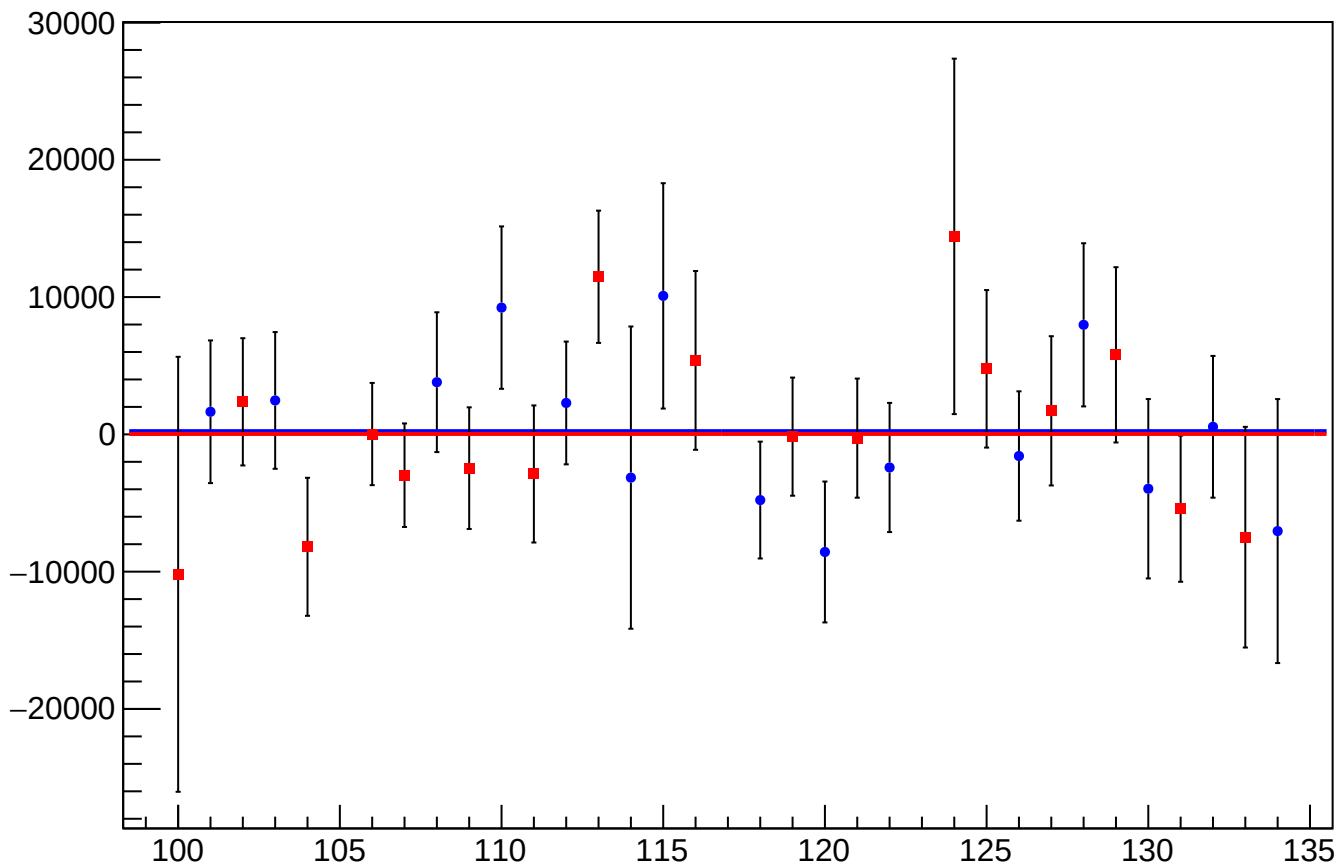
Right: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.123+/-1412.627 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.502+/-1247.043 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

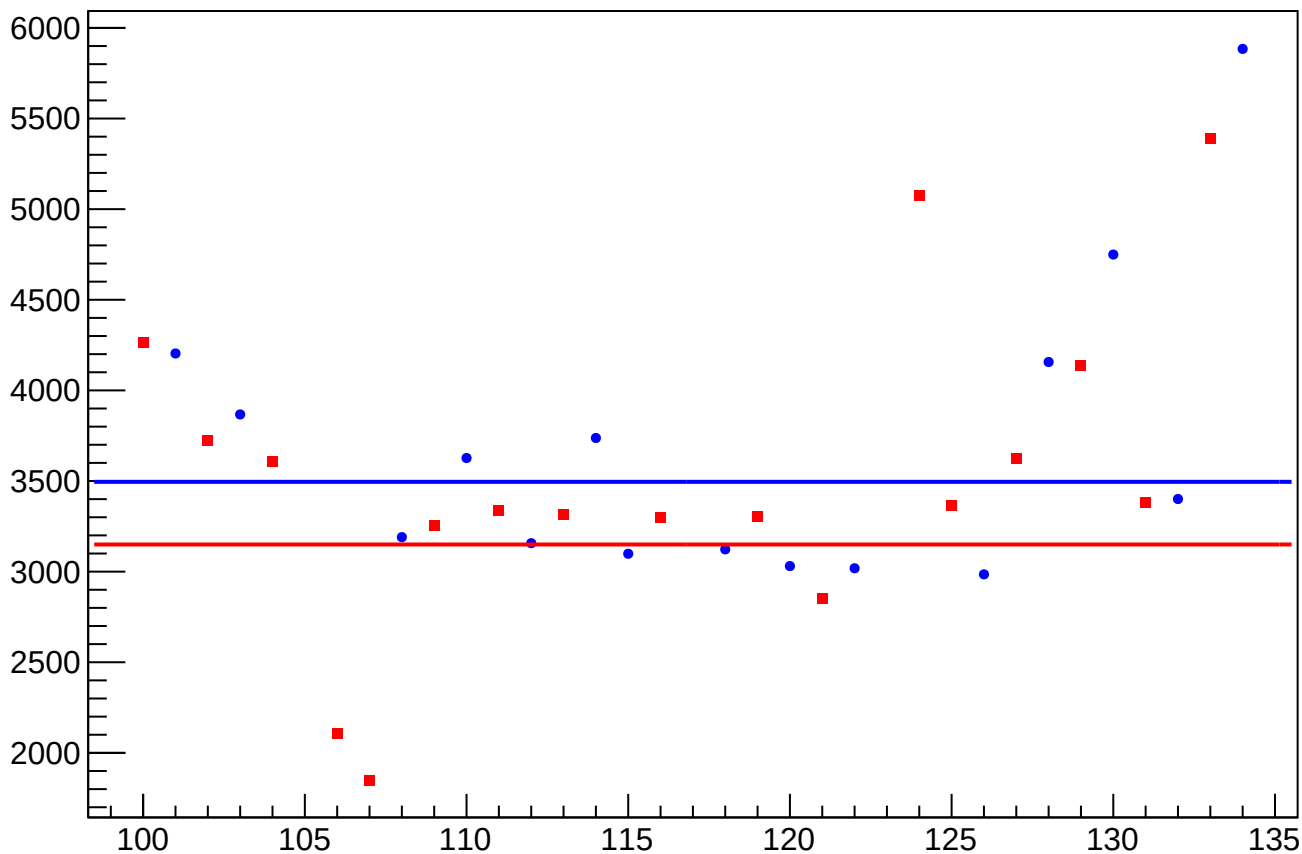
Right: 119.685+/-934.881 χ^2/NDF : 28.0/31

In: 234.123+/-1412.627 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.685+/-934.881 χ^2/NDF : 28.0/31

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.771+/-0.882 χ^2/NDF : 741142.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

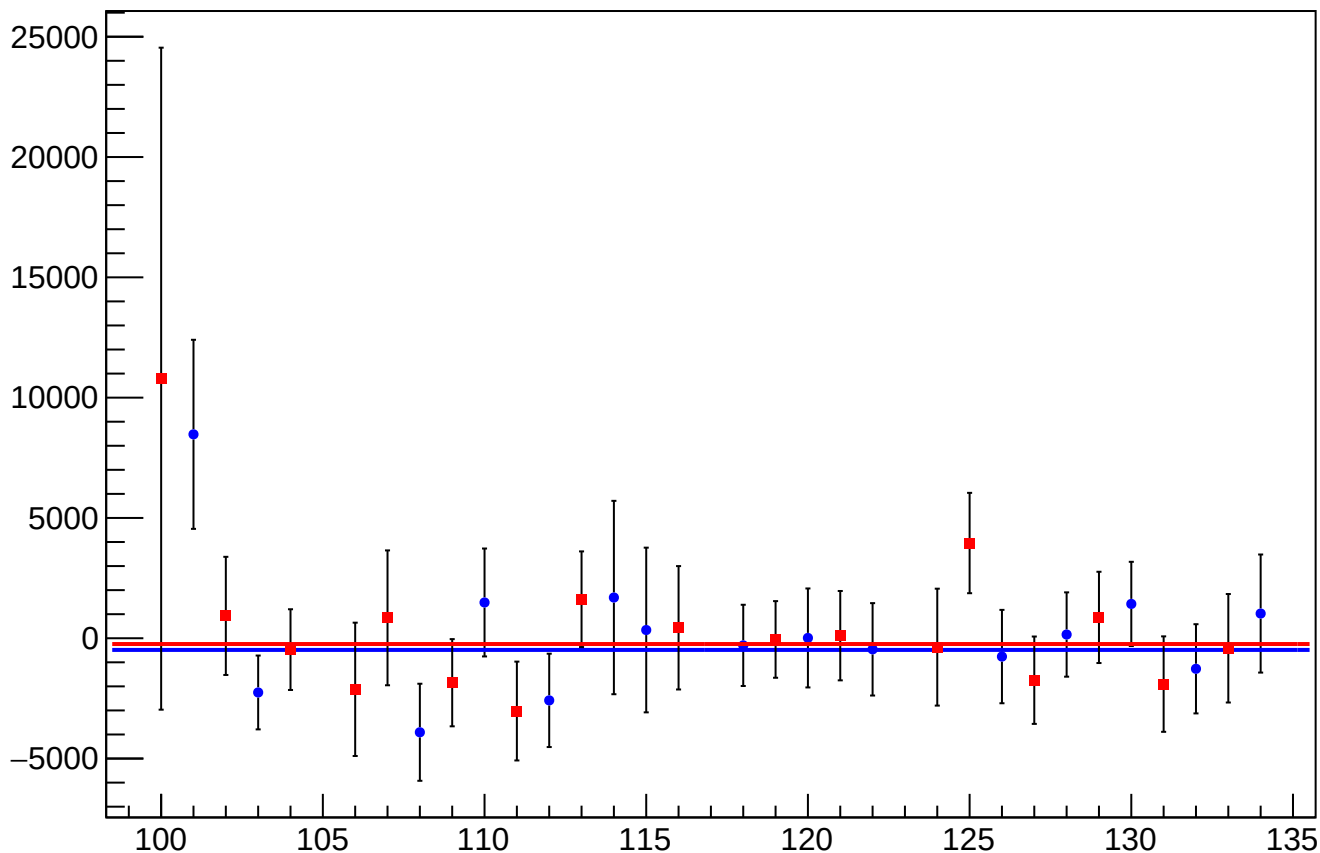
Right: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -485.016+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -240.262+/-509.871 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

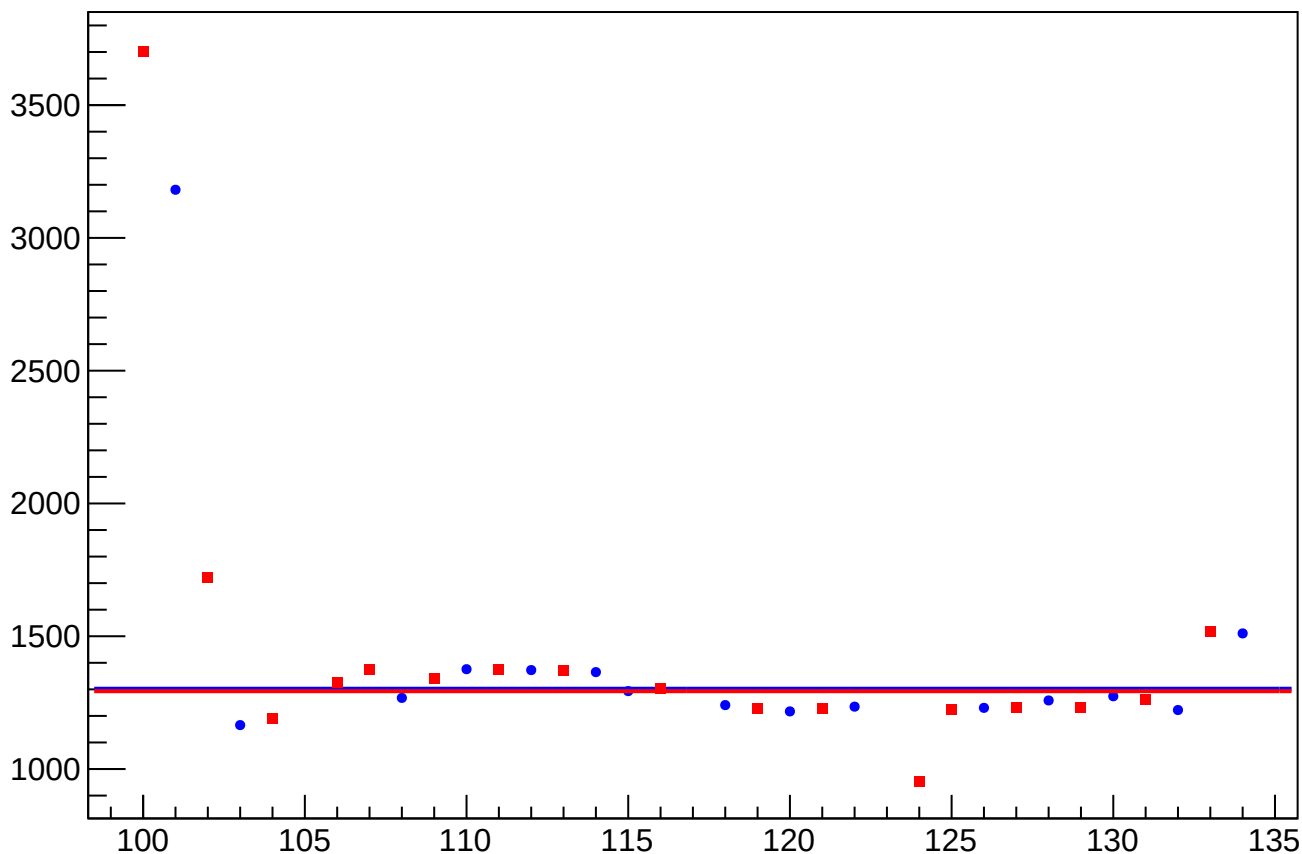
Right: -358.255+/-366.933 χ^2/NDF : 24.7/31

In: -485.016+/-528.473 χ^2/NDF :13.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -358.255+/-366.933 χ^2/NDF : 24.7/31

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

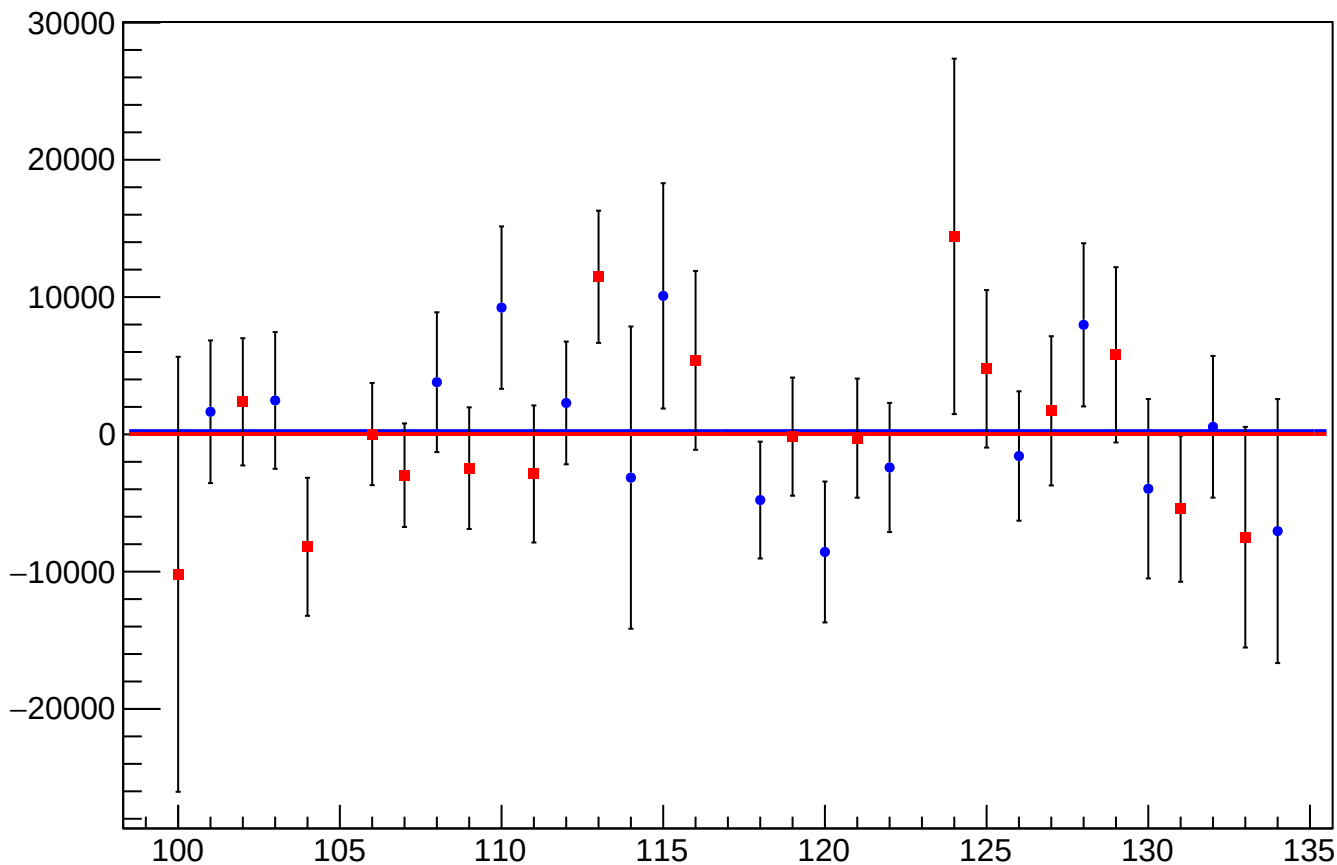
Right: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.118 $\pm$ 1412.623 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.498 $\pm$ 1247.039 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

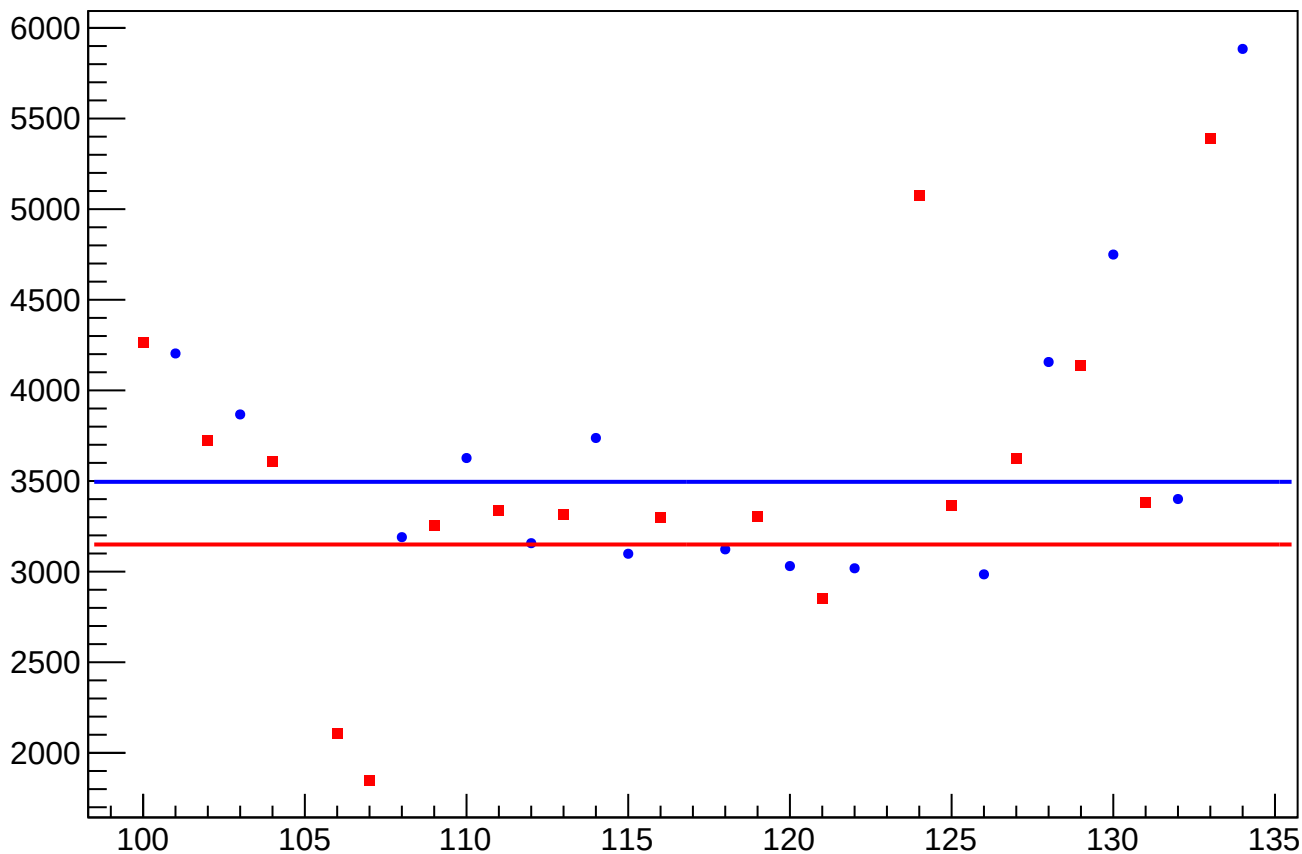
Right: 119.680 $\pm$ 934.878 χ^2 /NDF: 28.0/31

In: 234.118 $\pm$ 1412.623 χ^2 /NDF:12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.680 $\pm$ 934.878 χ^2 /NDF: 28.0/31

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3495.482 $\pm$ 0.999 χ^2 /NDF: 371907.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3149.762 $\pm$ 0.882 χ^2 /NDF: 741142.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

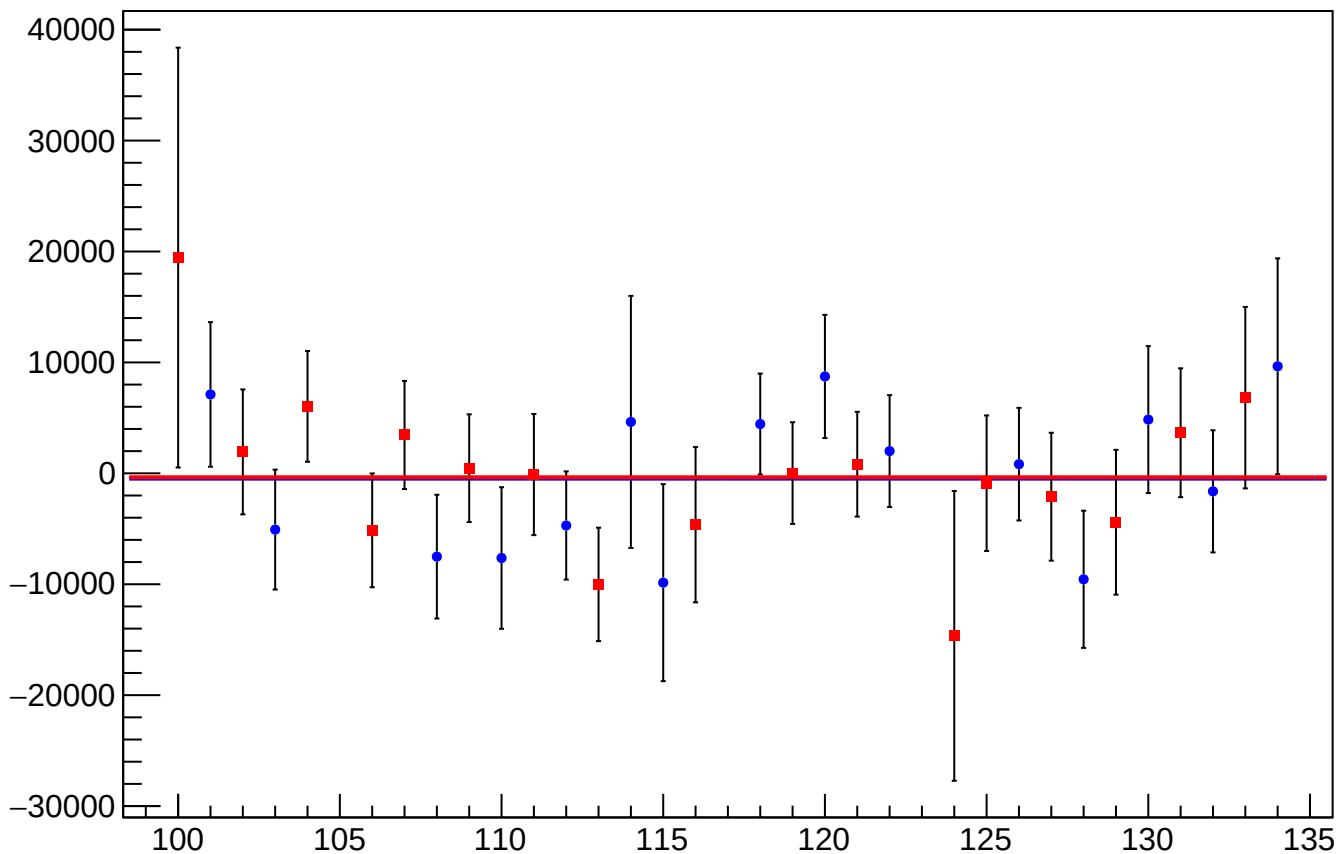
Right: 3301.182 $\pm$ 0.661 χ^2 /NDF: 1180375.0/31

In: 3495.482 $\pm$ 0.999 χ^2 /NDF:371907.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3301.182 $\pm$ 0.661 χ^2 /NDF: 1180375.0/31

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -356.476+/-1397.238 χ^2/NDF : 11.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

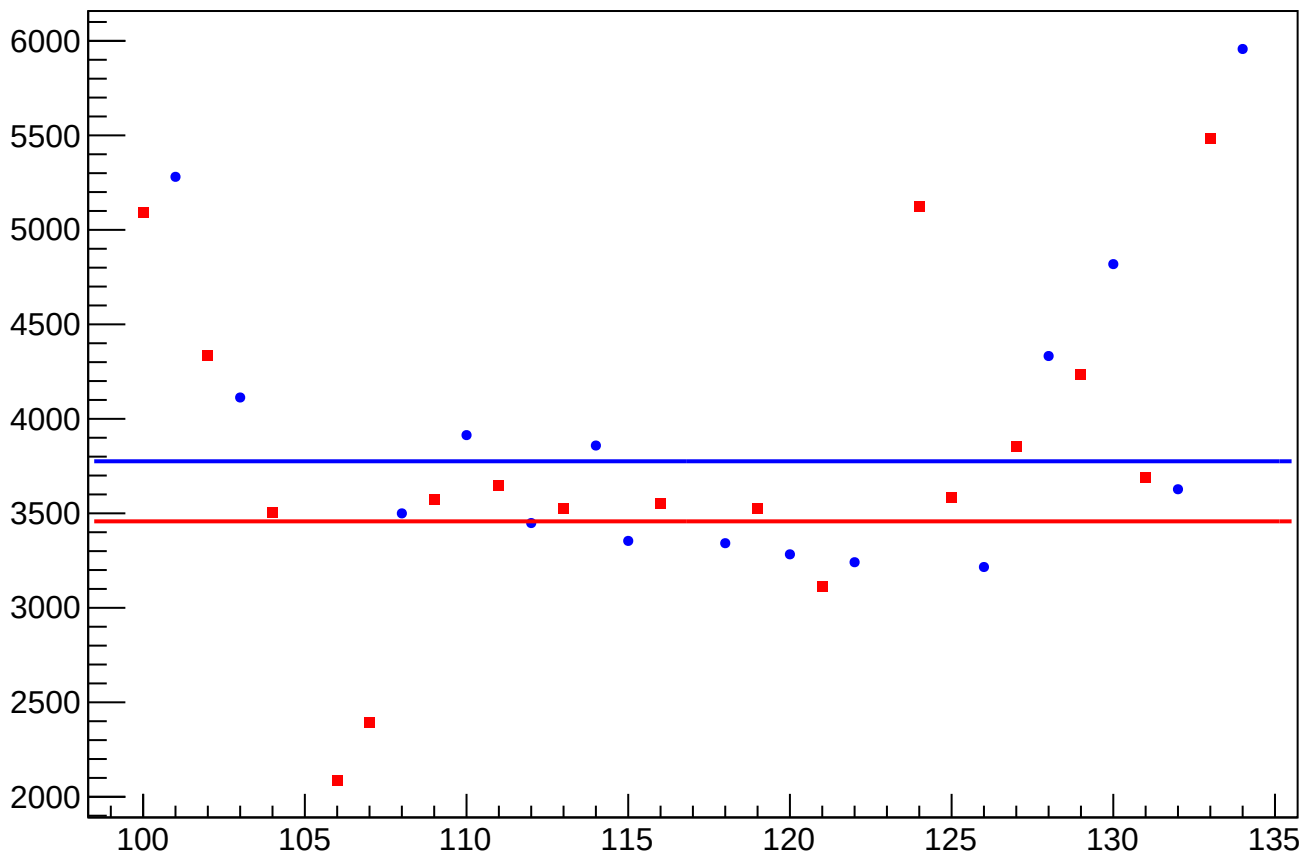
Right: -411.229+/-1031.208 χ^2/NDF : 26.5/31

In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.229+/-1031.208 χ^2/NDF : 26.5/31

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3457.587+/-0.973 χ^2/NDF : 572805.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

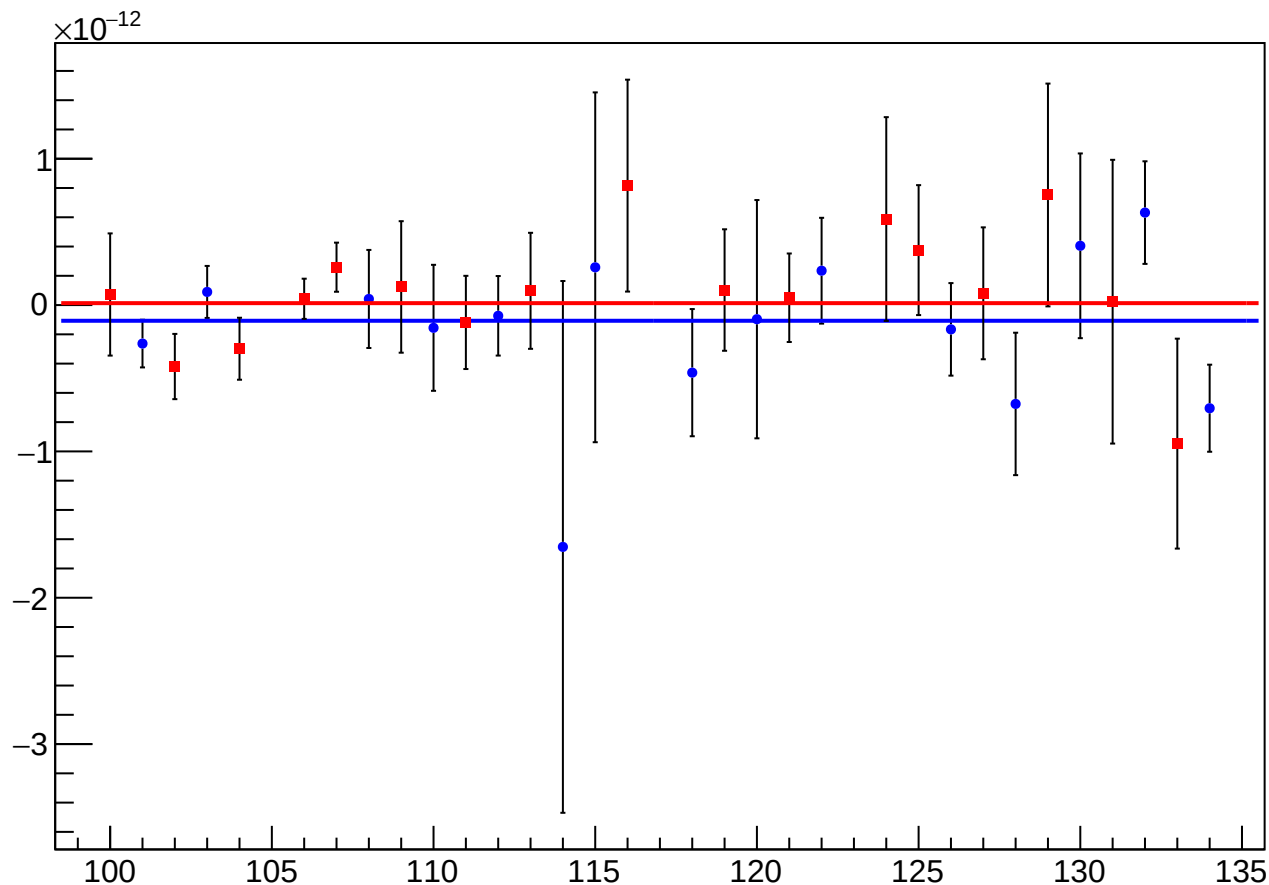
Right: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

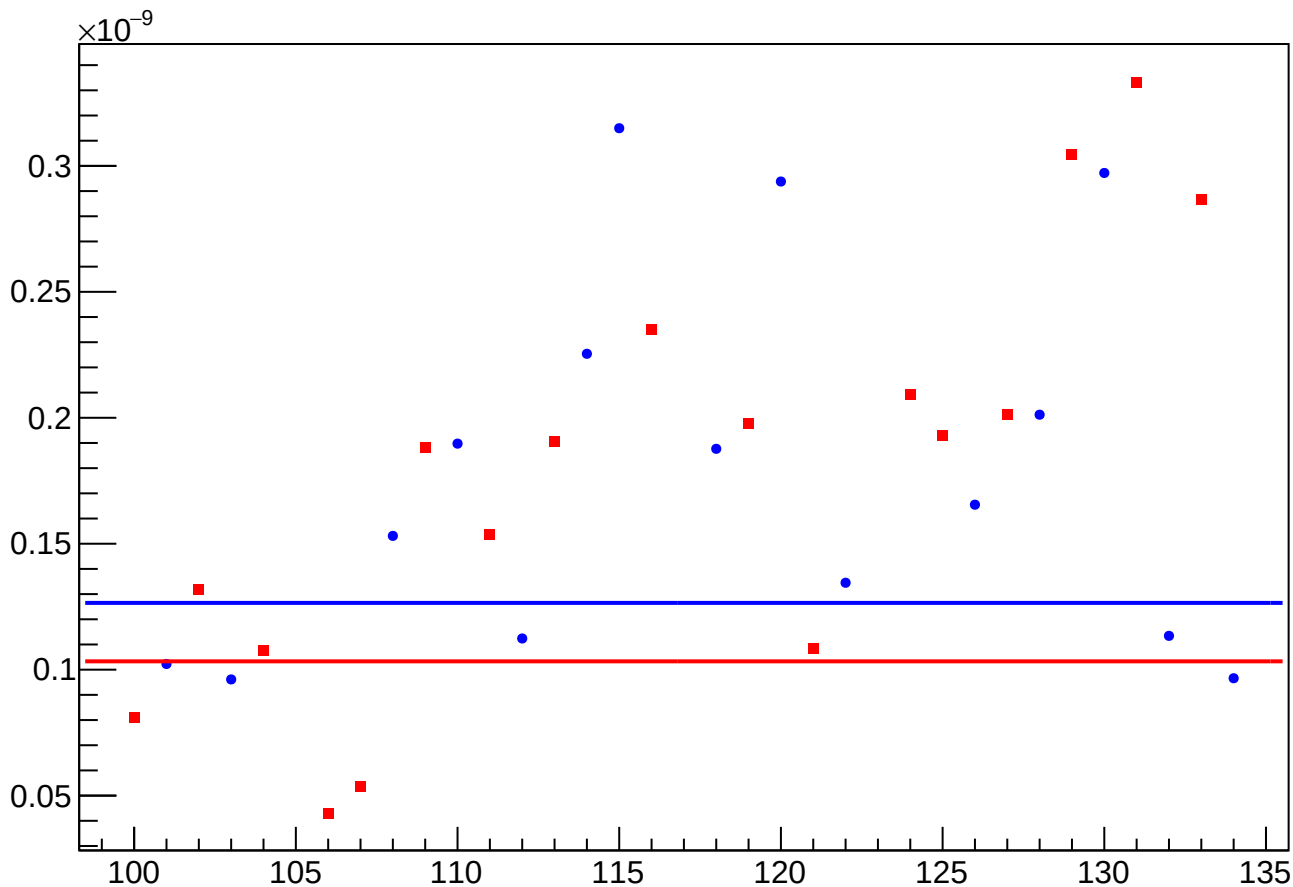
Right: -0.000+/-0.000 χ^2/NDF : 30.3/31

In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/31

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1596591.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

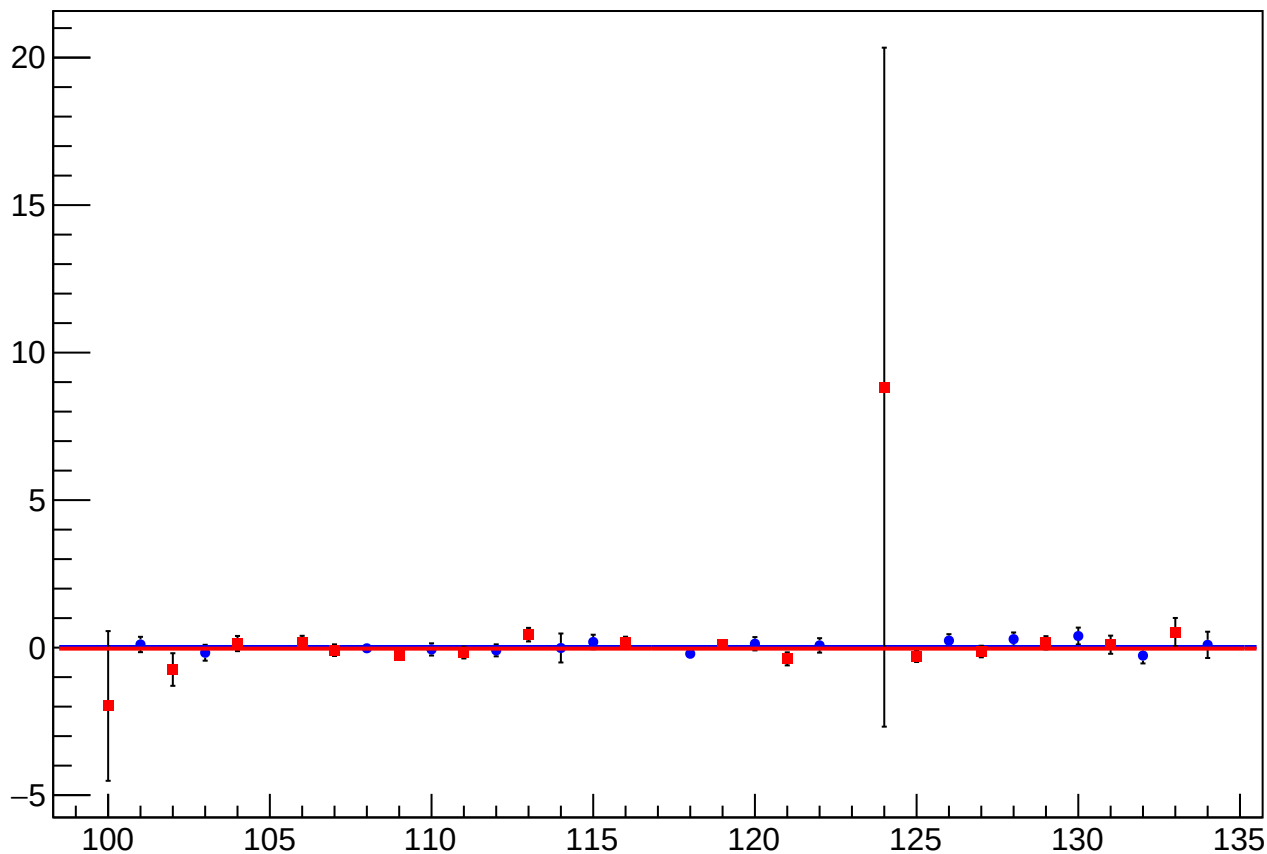
Right: 0.000+/-0.000 χ^2/NDF : 2278499.3/31

In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2278499.3/31

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

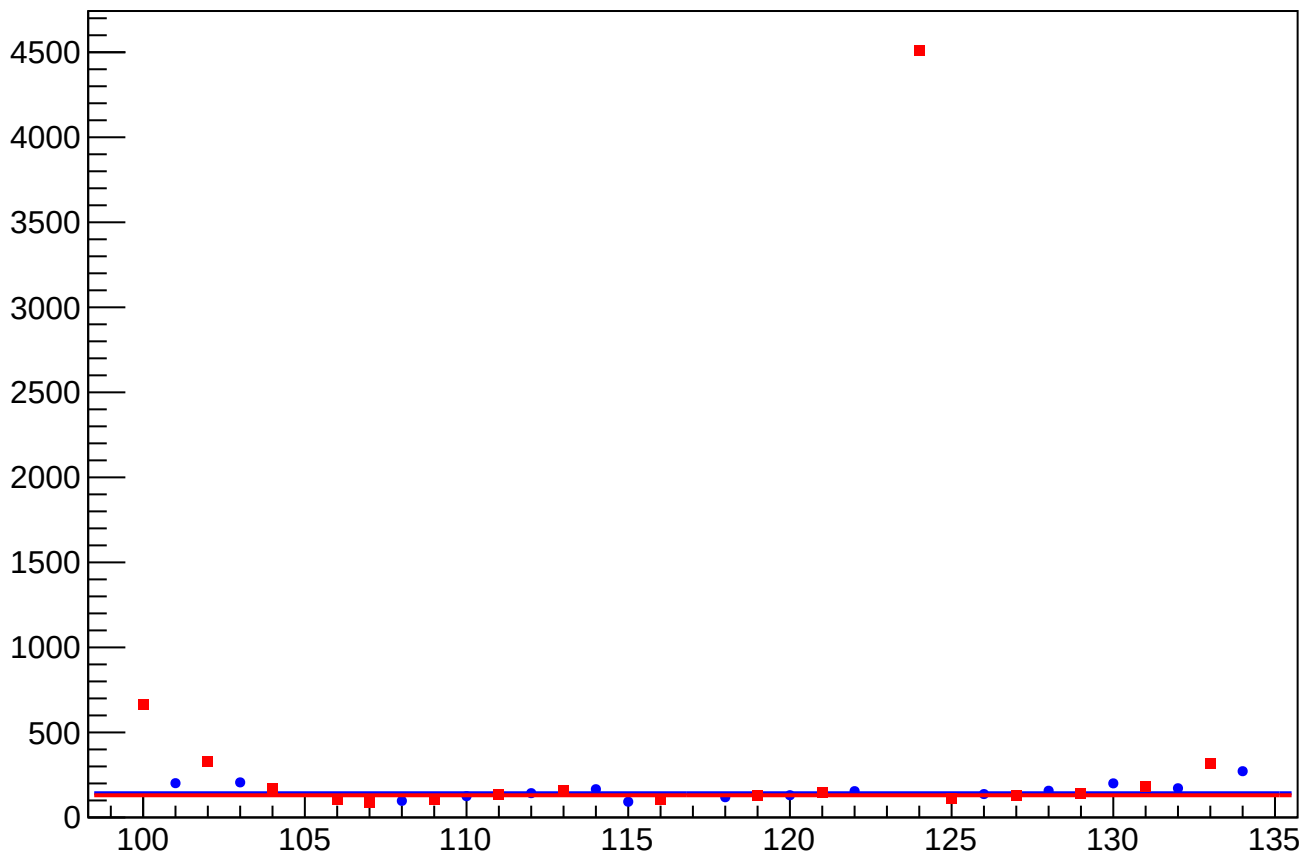
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

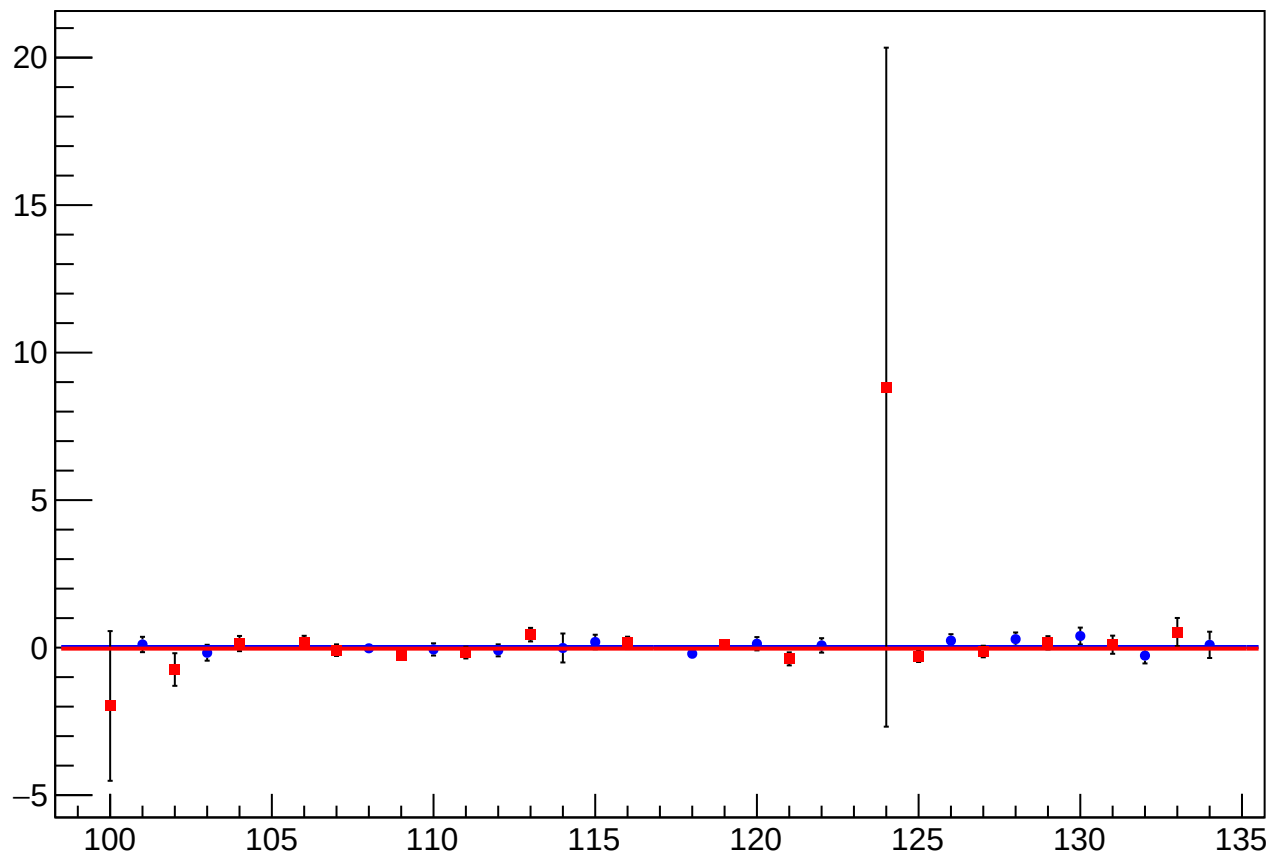
Right: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

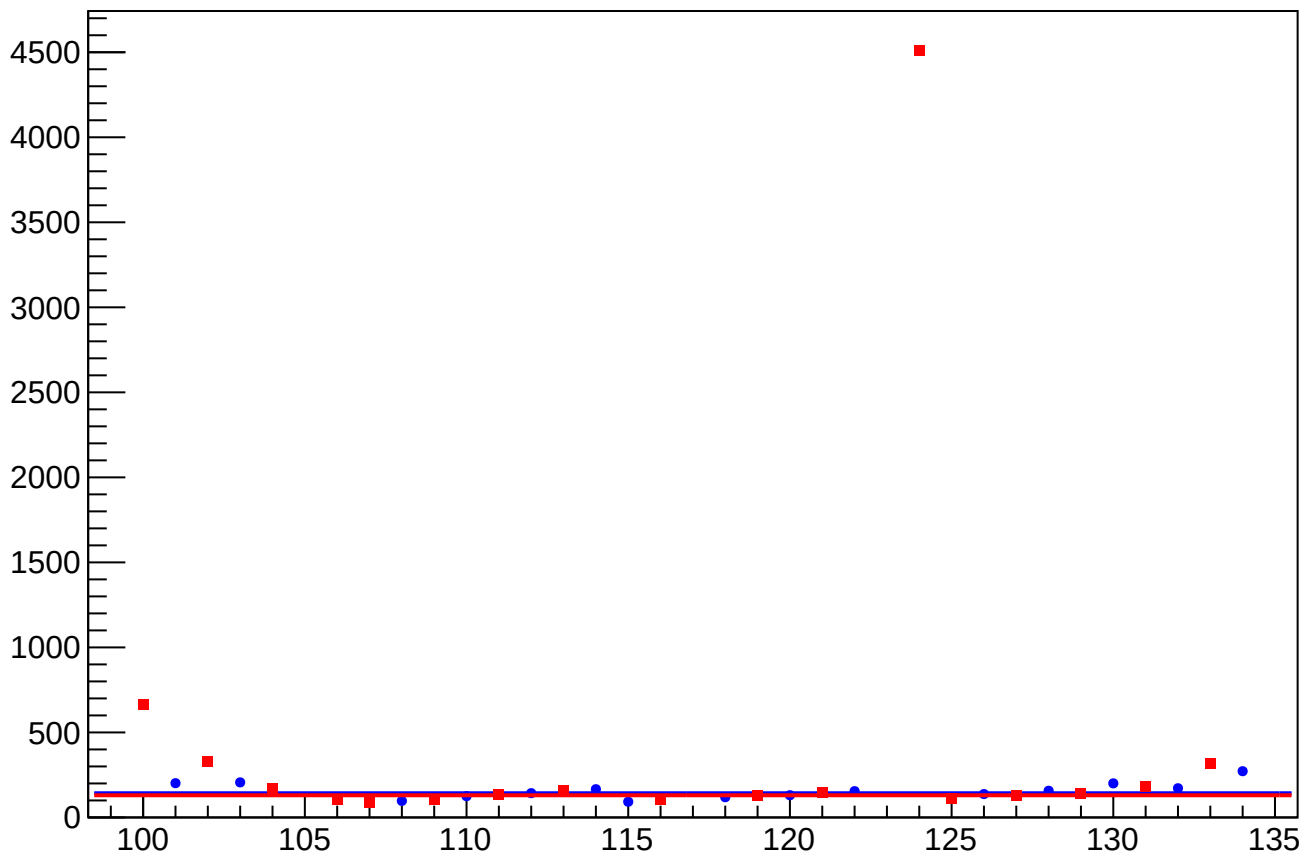
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

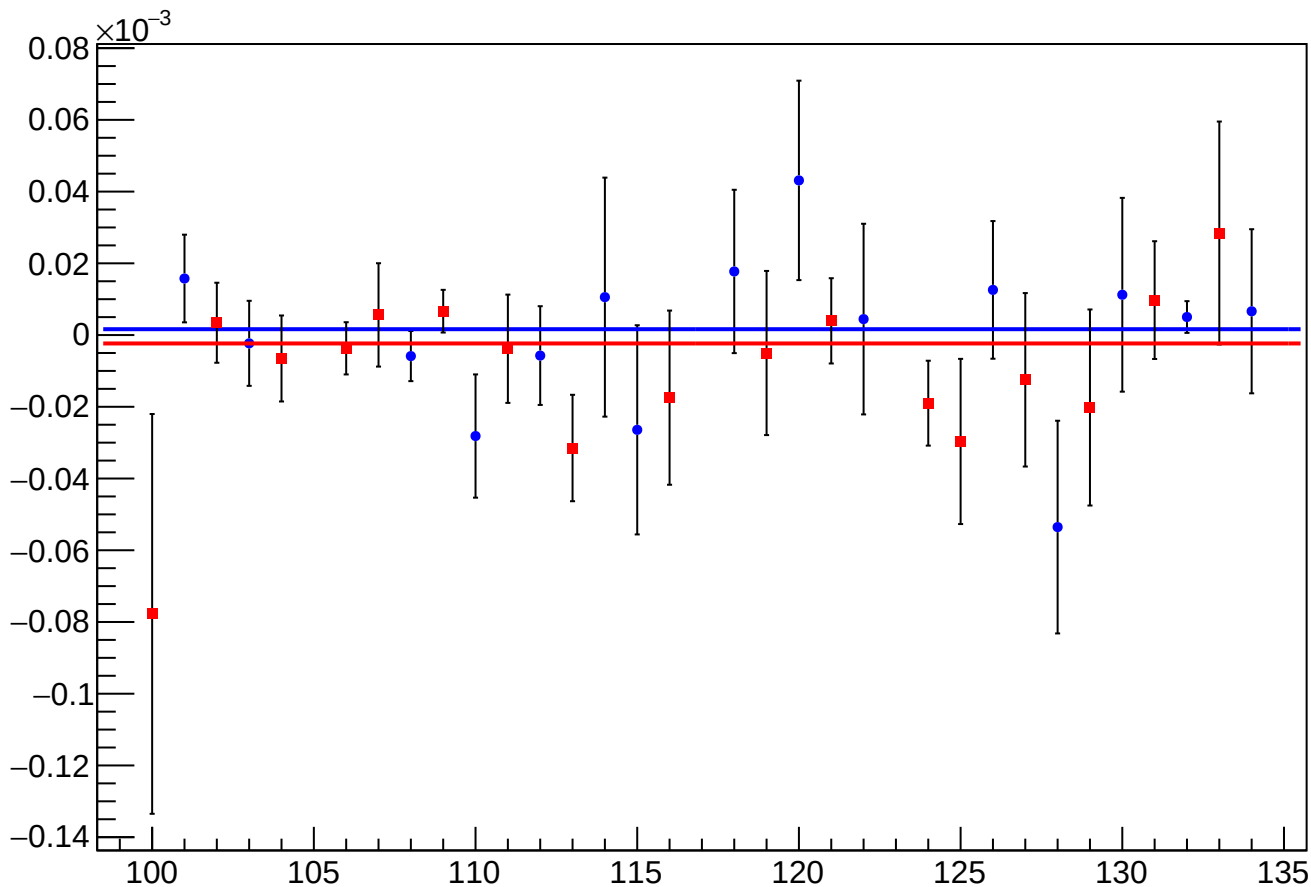
Right: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

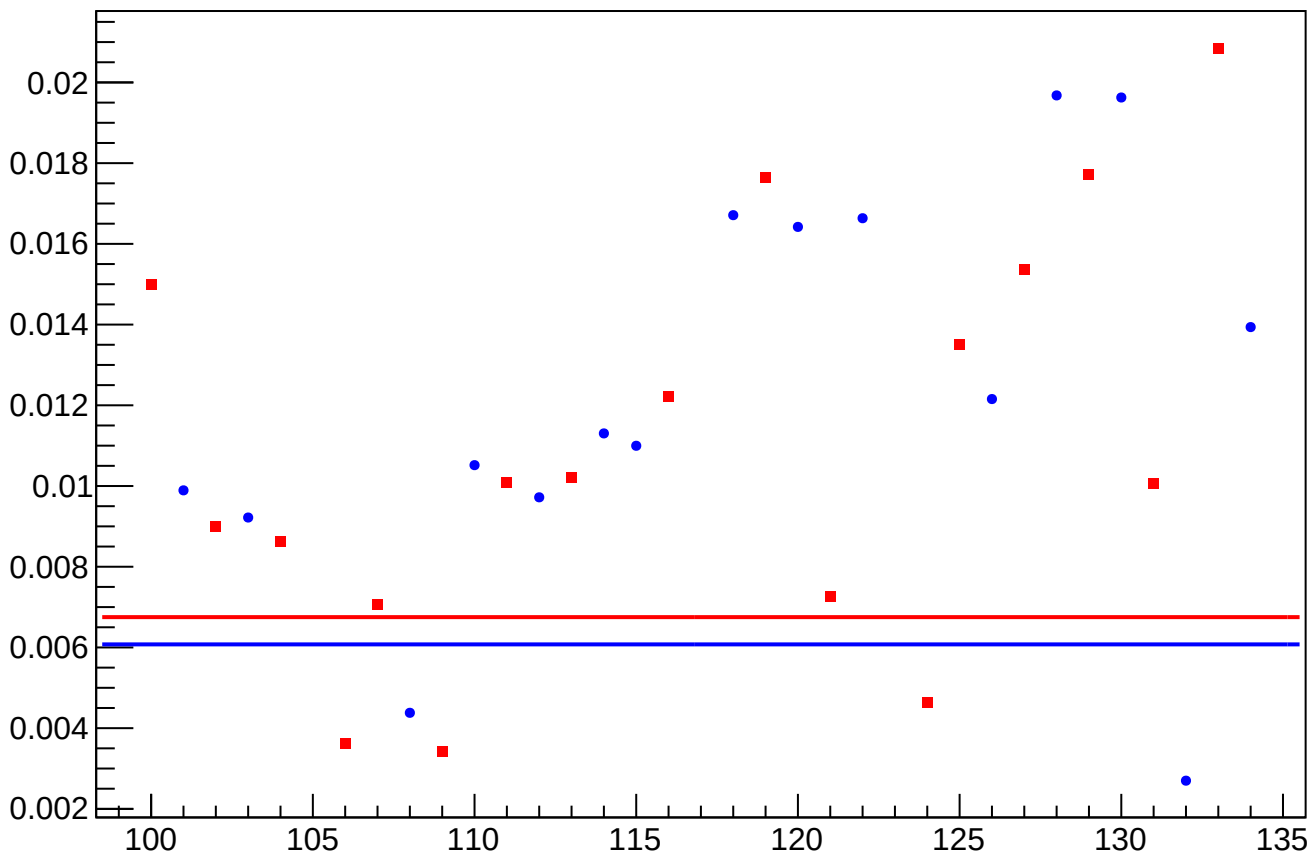
Right: -0.000+/-0.000 χ^2/NDF : 29.9/31

In: 0.000+/-0.000 χ^2/NDF : 14.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.9/31

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4386851.2/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 3236557.9/16

Left 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 : 7671629.5/31

In: 0.006+/-0.000

χ^2/NDF : 4386851.2/14

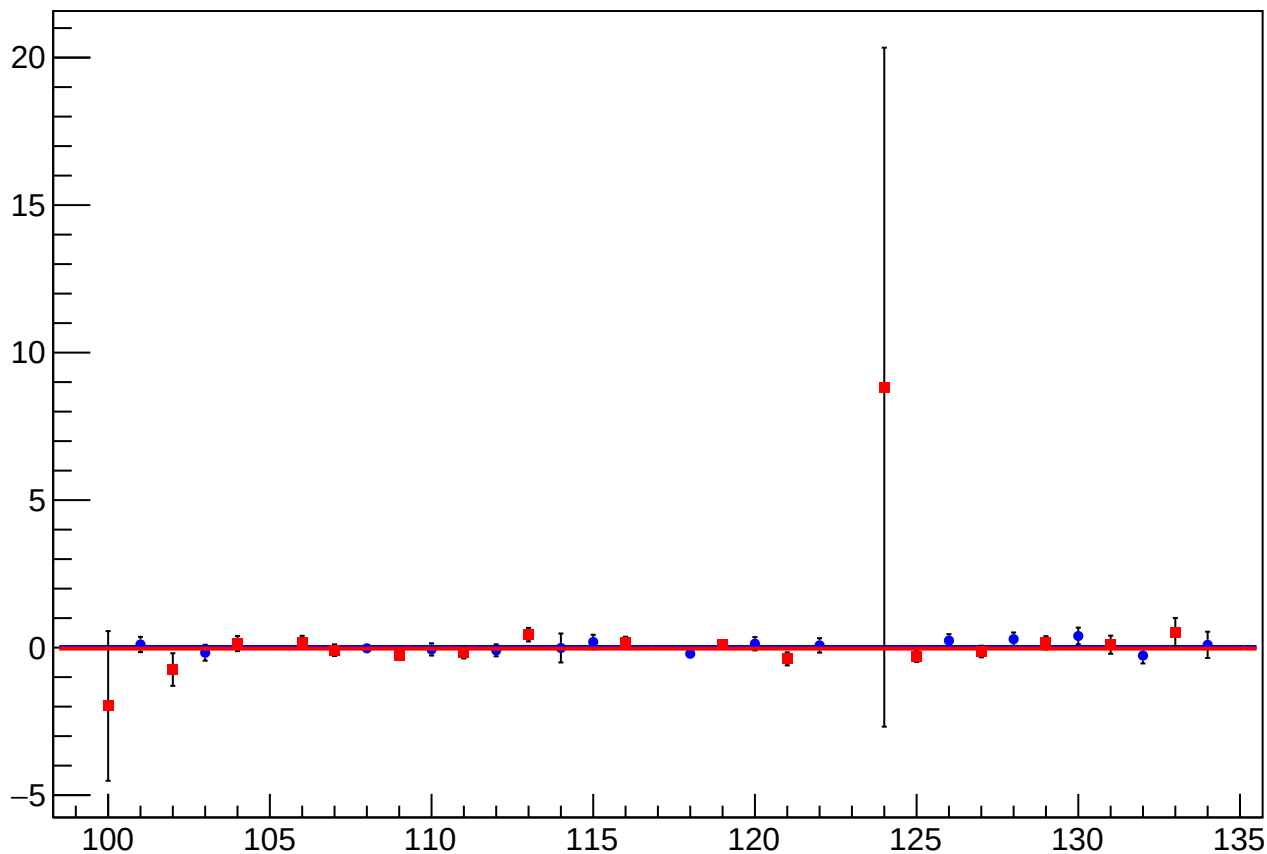
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 7671629.5/31

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

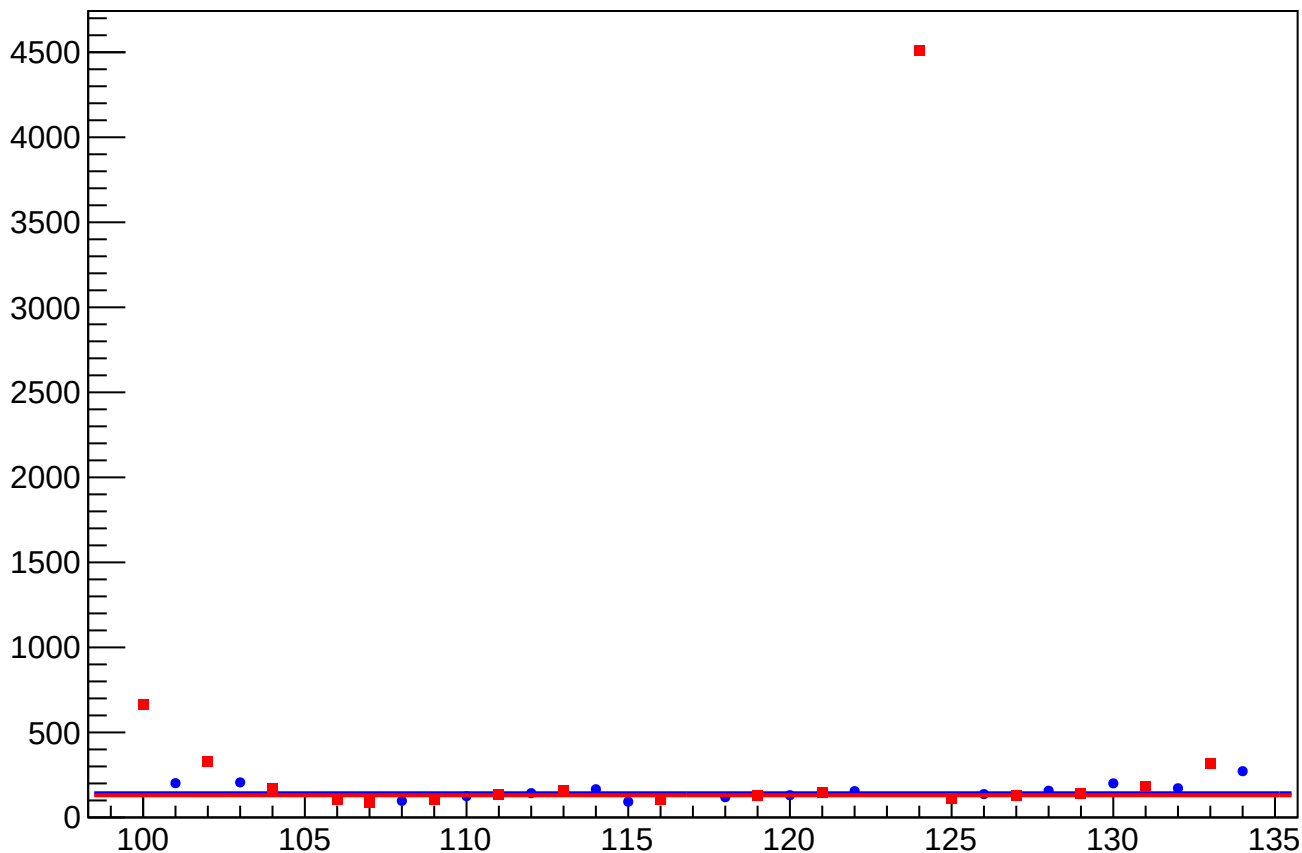
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

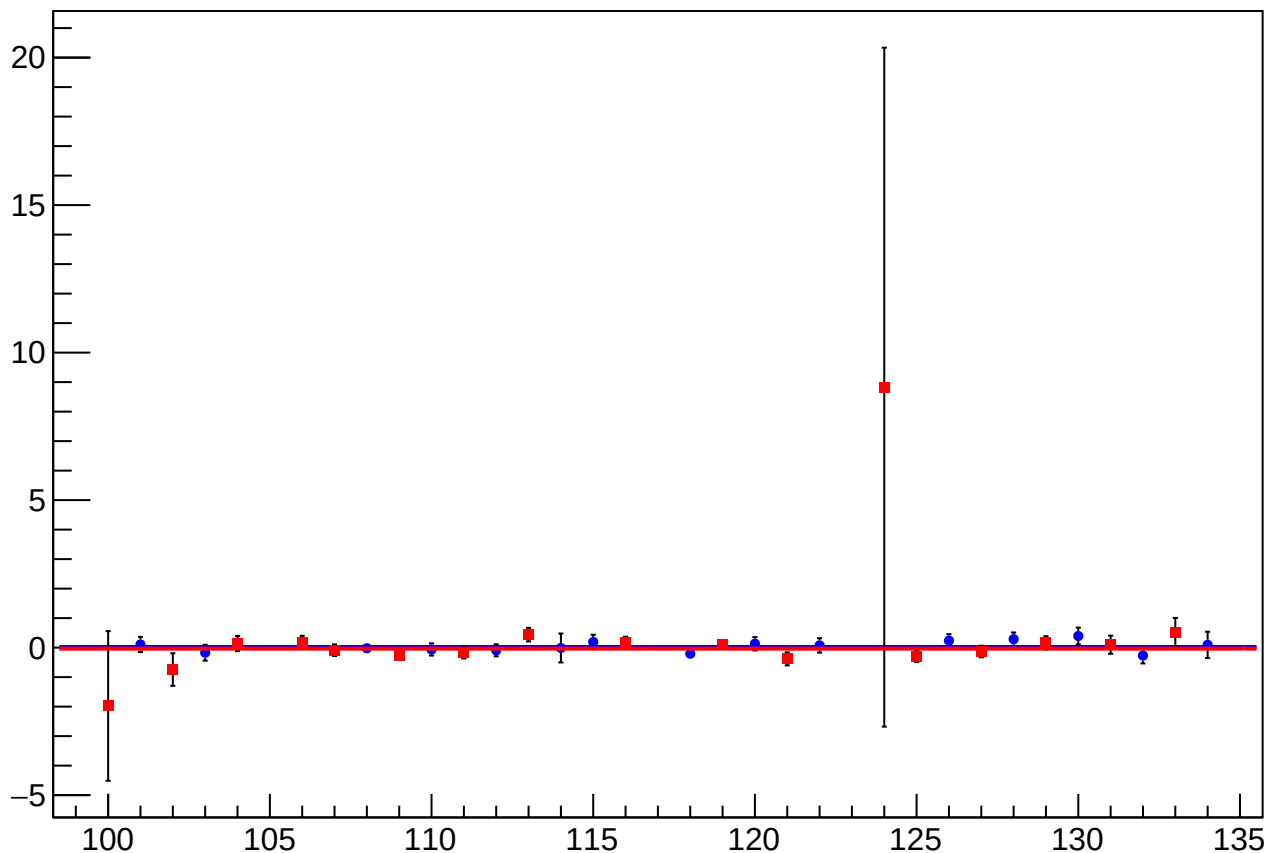
Right: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

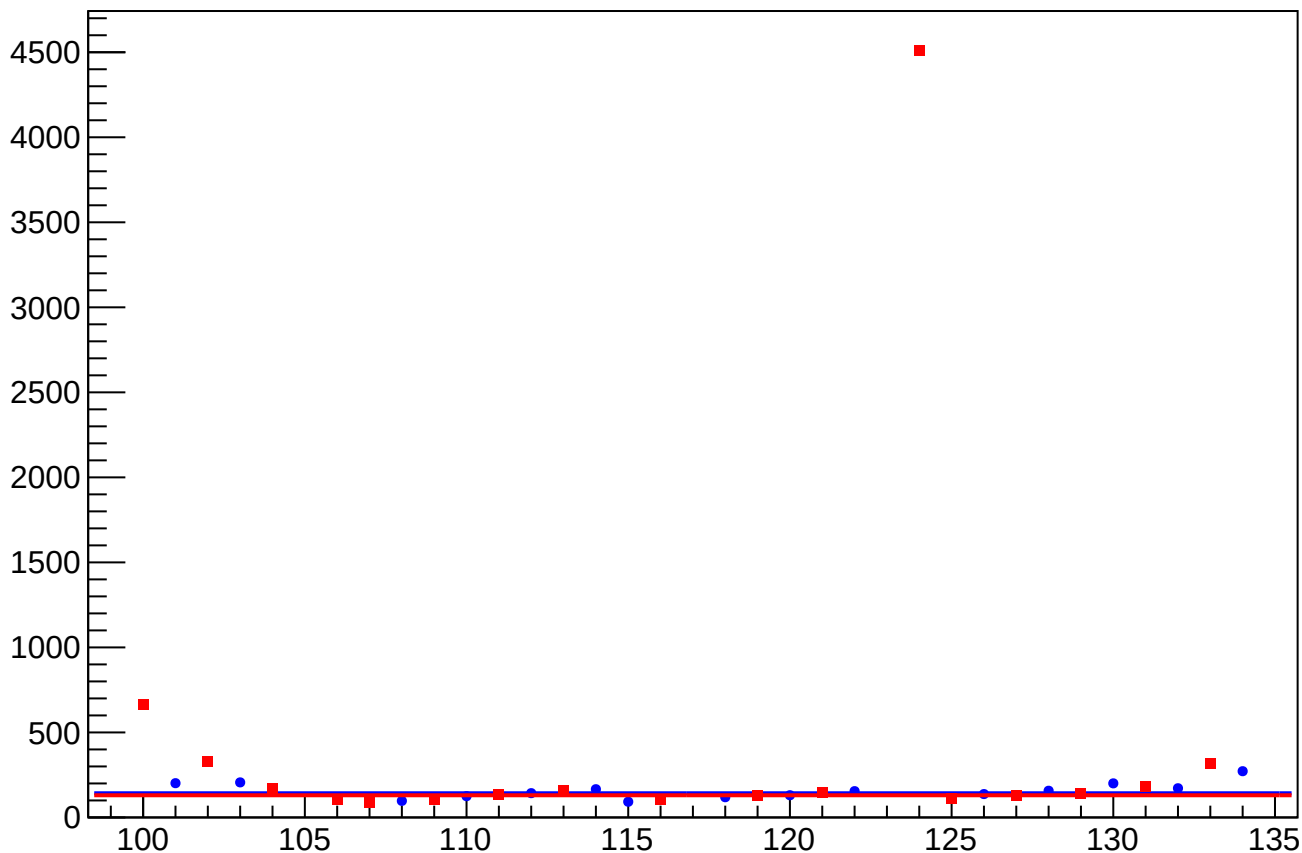
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

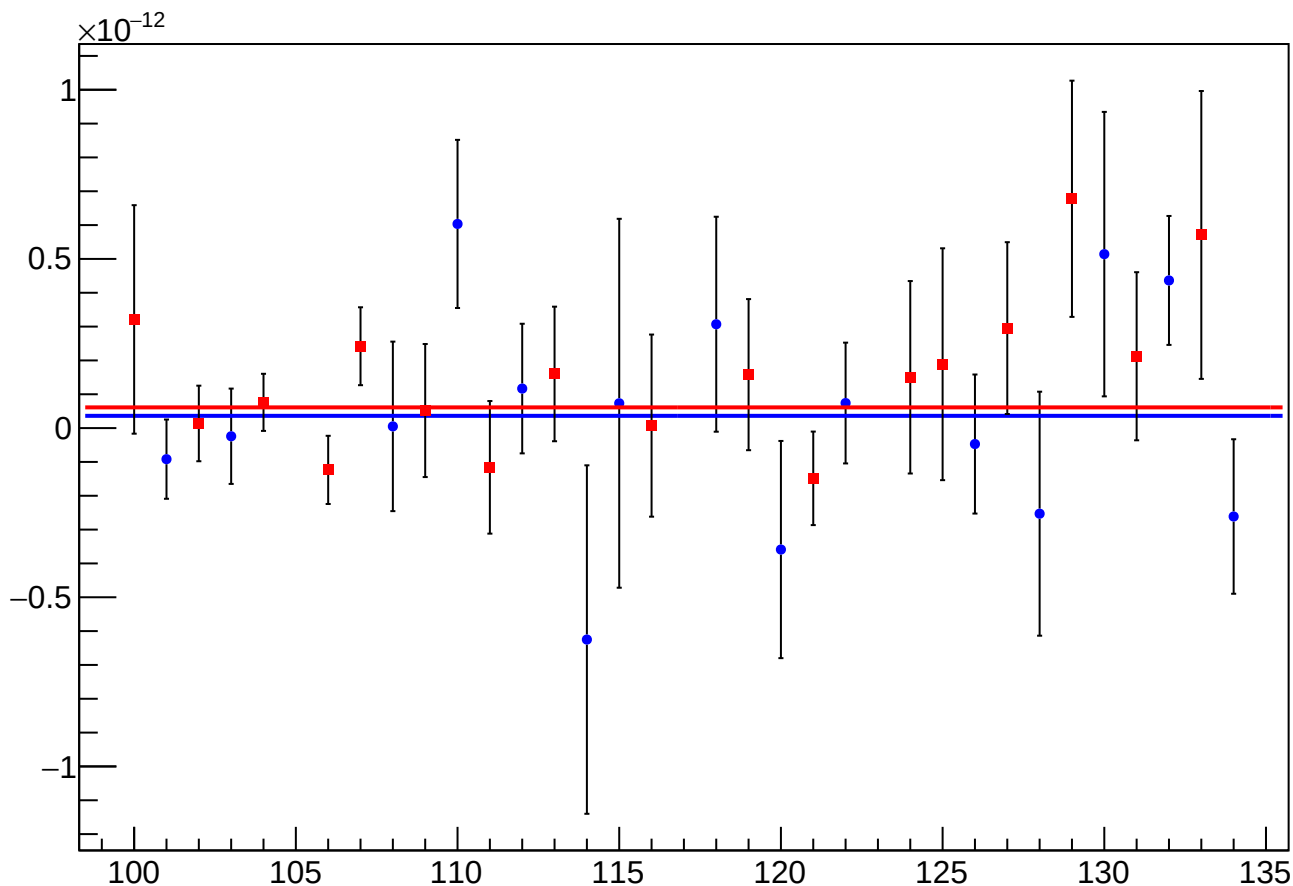
Right: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

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 : 18.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

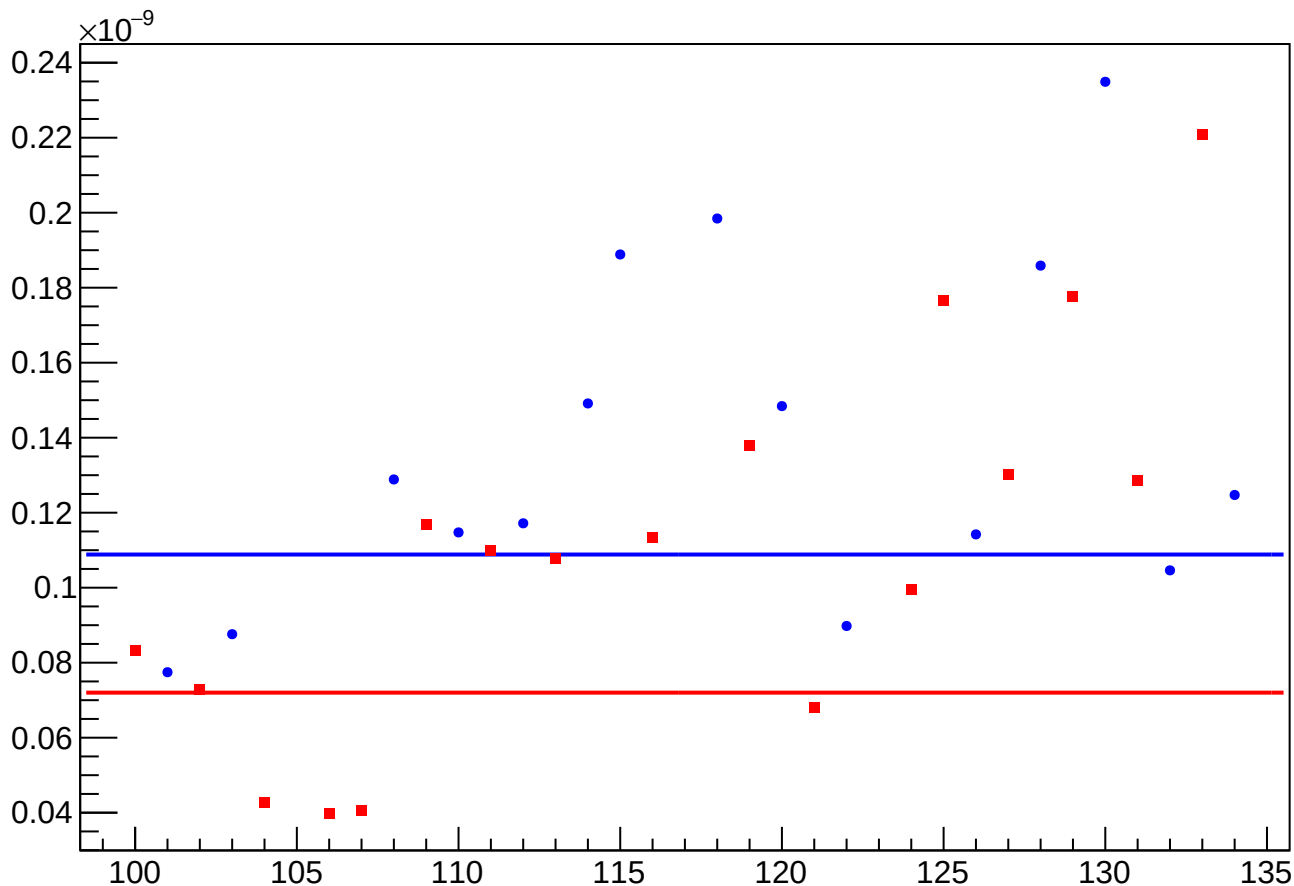
Right: 0.000+/-0.000 χ^2/NDF : 35.3/31

In: 0.000+/-0.000 χ^2/NDF : 18.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.3/31

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 : 757637.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1902273.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

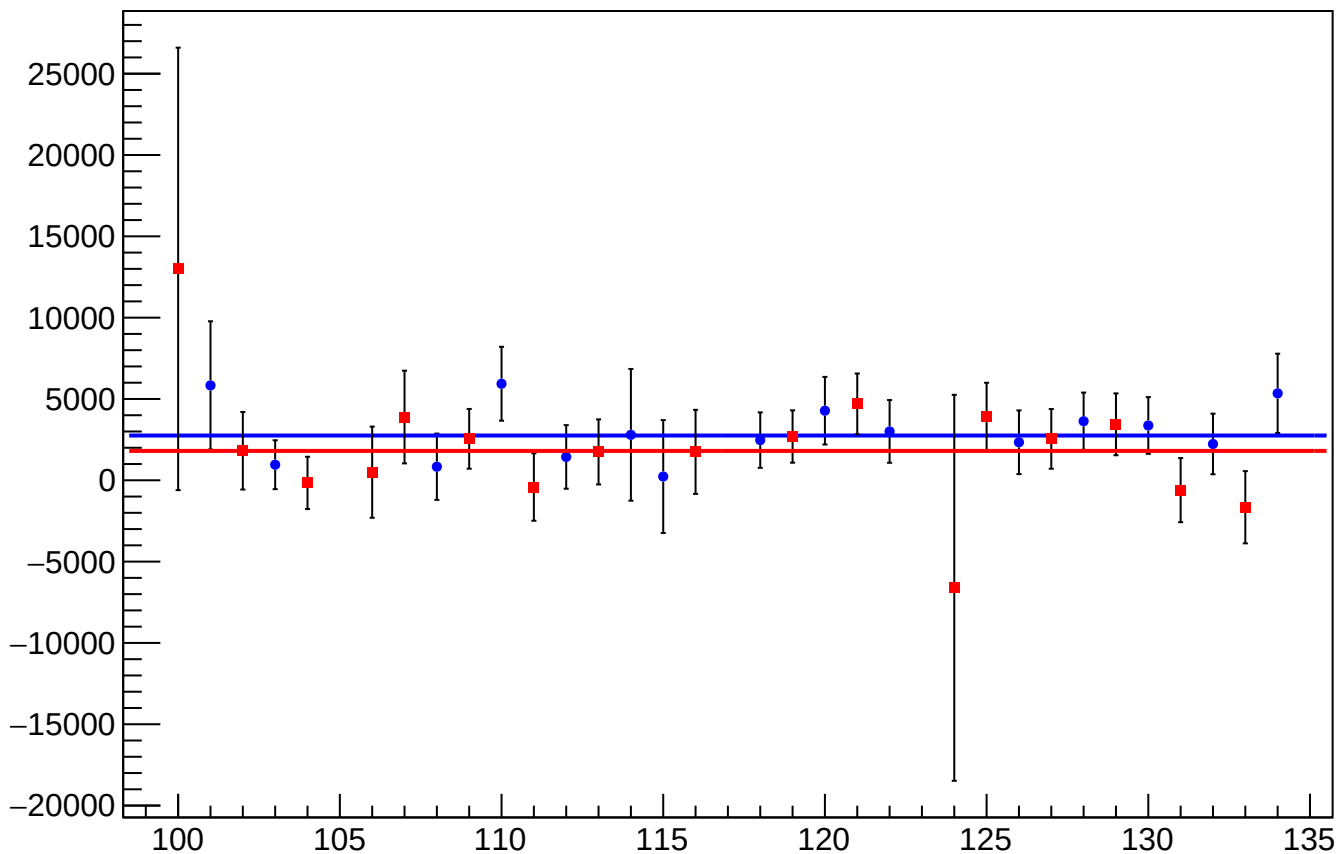
Right: 0.000+/-0.000 χ^2/NDF : 3242034.0/31

In: 0.000+/-0.000 χ^2/NDF : 757637.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3242034.0/31

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2752.314+/-529.921 χ^2/NDF : 8.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.616+/-520.825 χ^2/NDF : 13.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

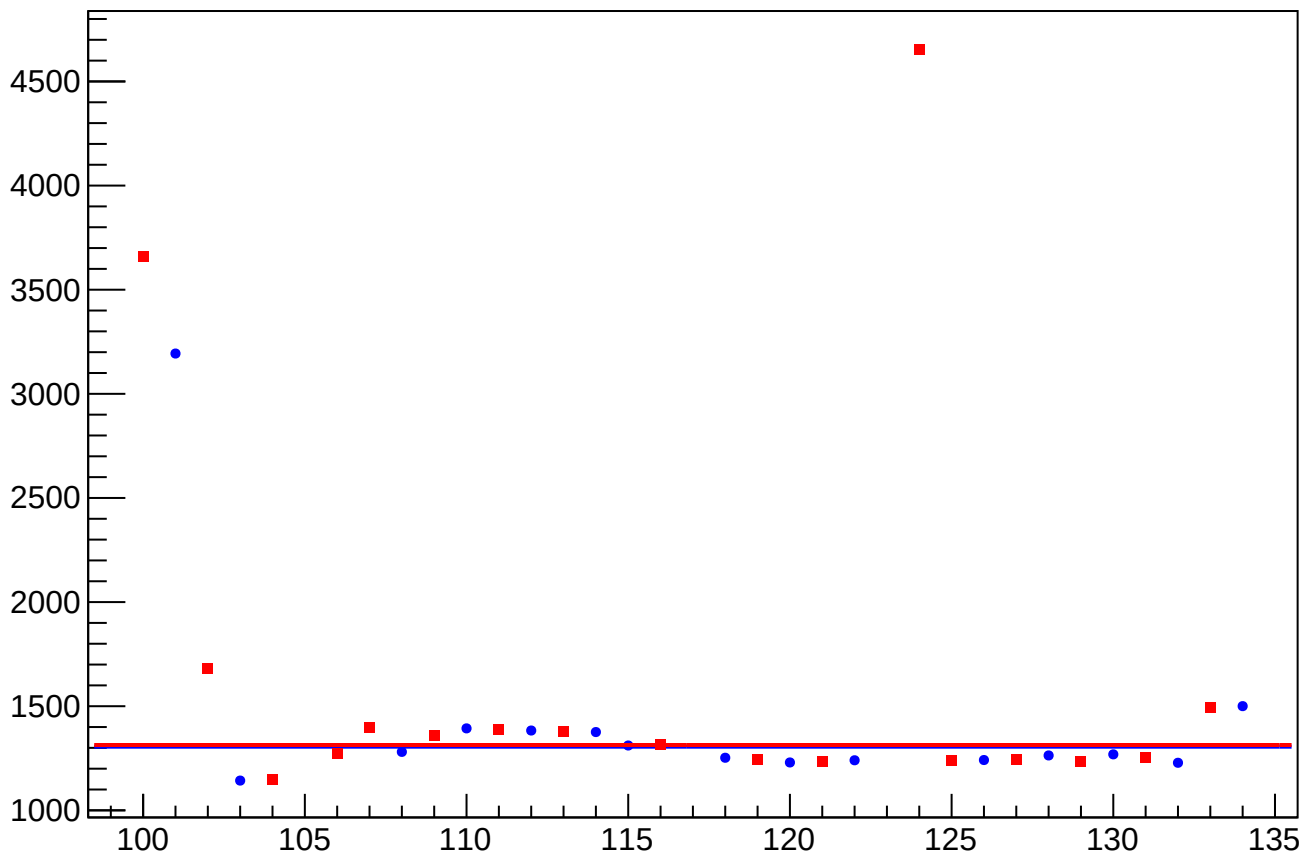
Right: 2271.279+/-371.453 χ^2/NDF : 23.0/31

In: 2752.314+/-529.921 χ^2/NDF : 8.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2271.279+/-371.453 χ^2/NDF : 23.0/31

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1305.731+/-0.375 χ^2/NDF : 516148.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.759+/-0.367 χ^2/NDF : 325903.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

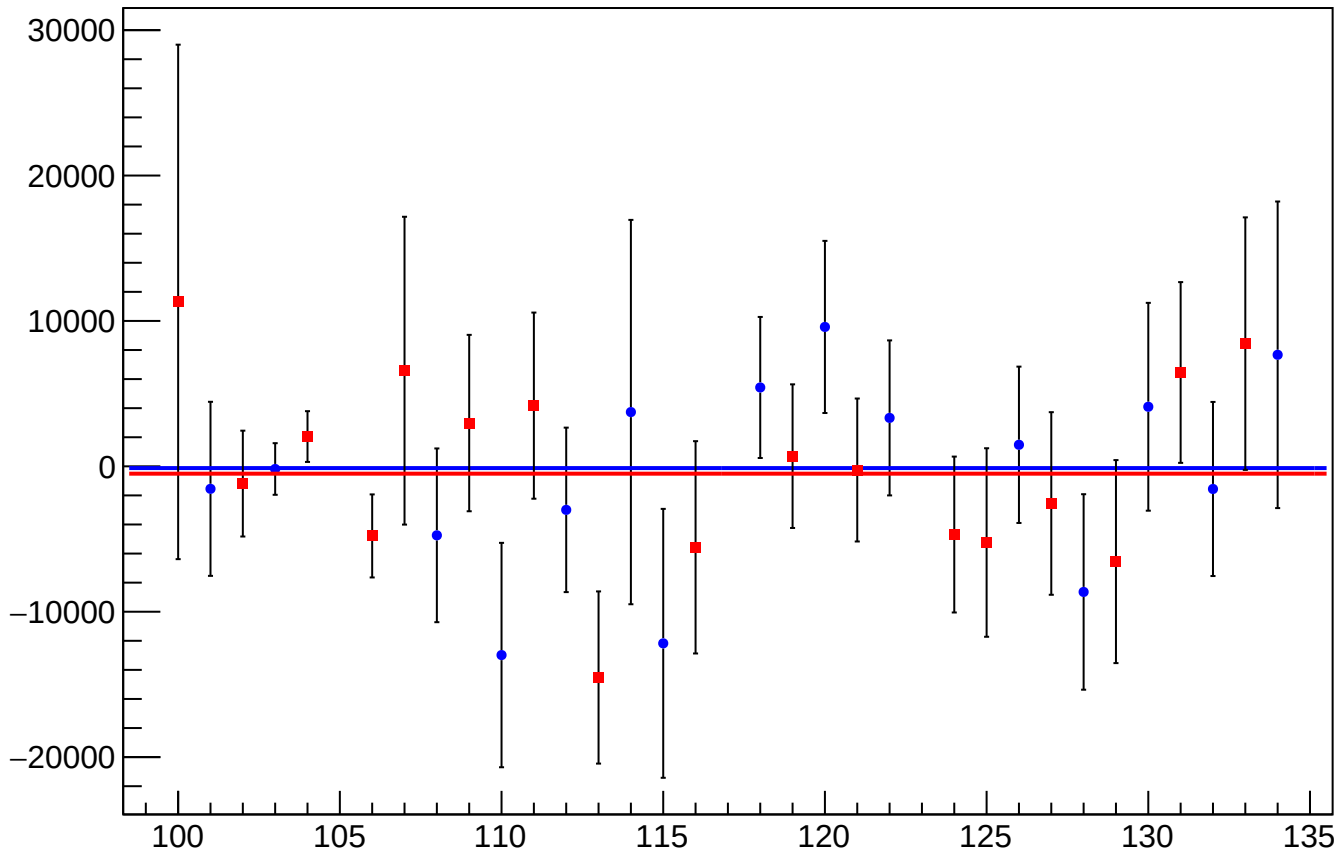
Right: 1309.826+/-0.262 χ^2/NDF : 842285.4/31

In: 1305.731+/-0.375 χ^2/NDF : 516148.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.826+/-0.262 χ^2/NDF : 842285.4/31

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -120.765+/-1232.699 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -505.082+/-1076.452 χ^2/NDF : 16.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

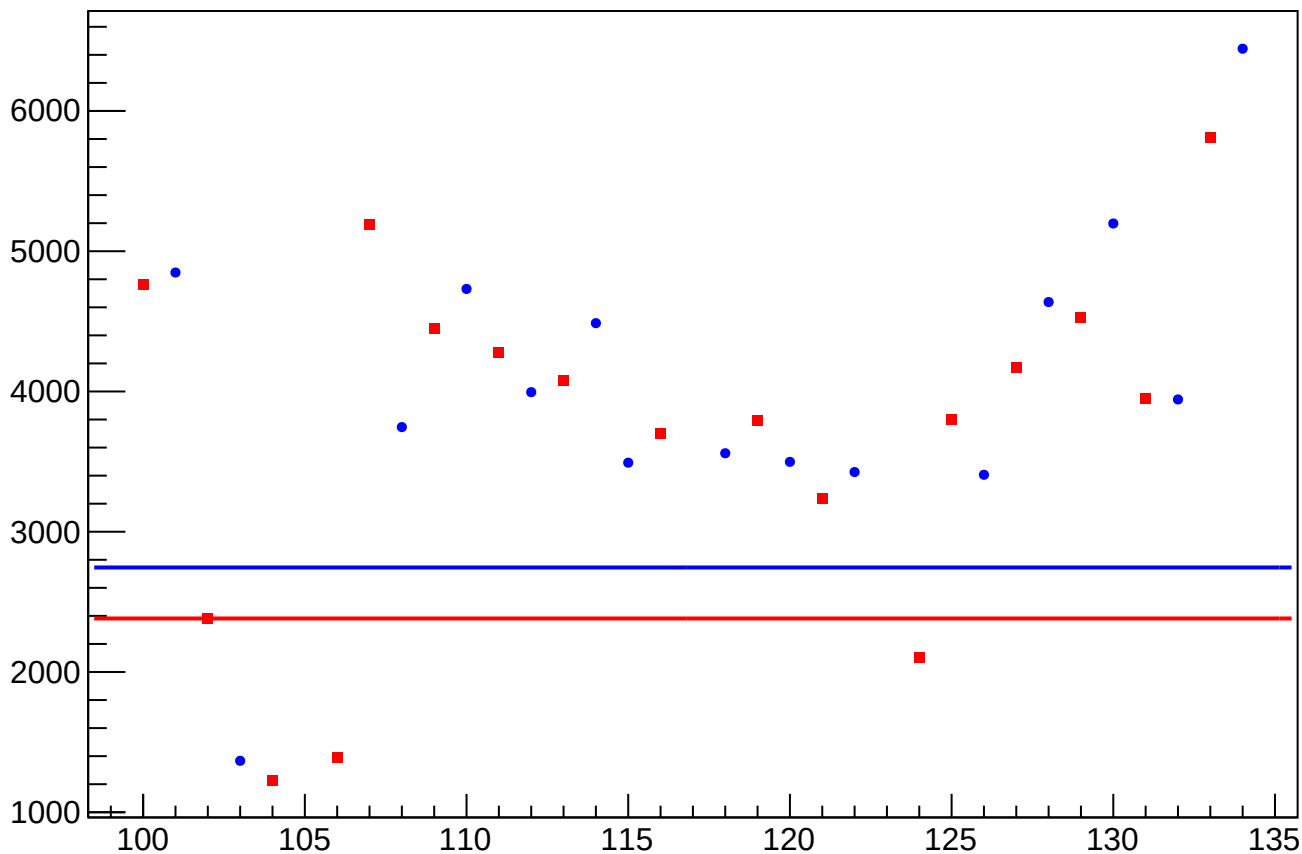
Right: -338.809+/-810.816 χ^2/NDF : 29.2/31

In: -120.765+/-1232.699 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.809+/-810.816 χ^2/NDF : 29.2/31

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2745.164+/-0.872 χ^2/NDF : 2658293.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2381.530+/-0.761 χ^2/NDF : 3047974.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

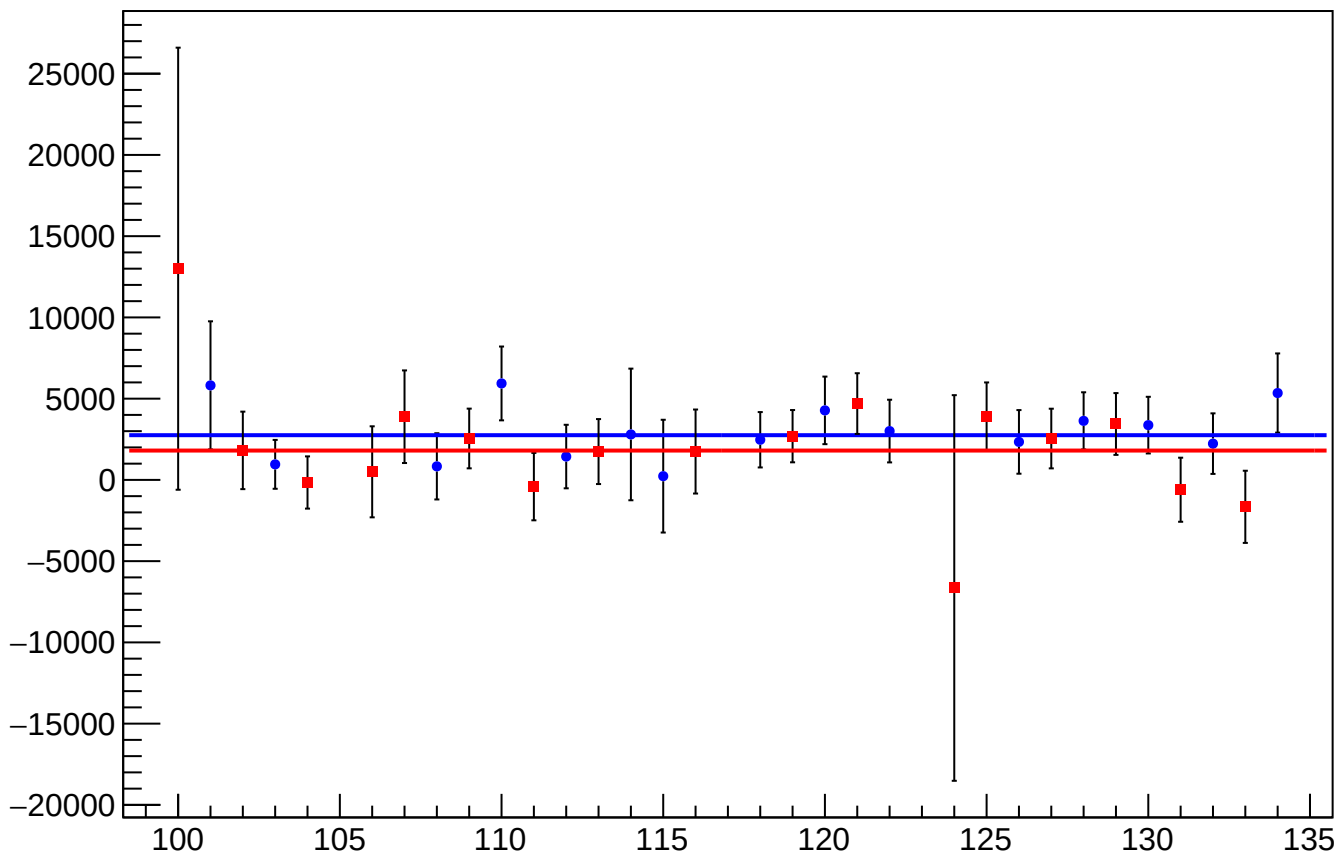
Right: 2538.854+/-0.573 χ^2/NDF : 5805009.4/31

In: 2745.164+/-0.872 χ^2/NDF : 2658293.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2538.854+/-0.573 χ^2/NDF : 5805009.4/31

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2752.007 $\pm$ 529.921 χ^2 /NDF: 8.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1806.310 $\pm$ 520.825 χ^2 /NDF: 13.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

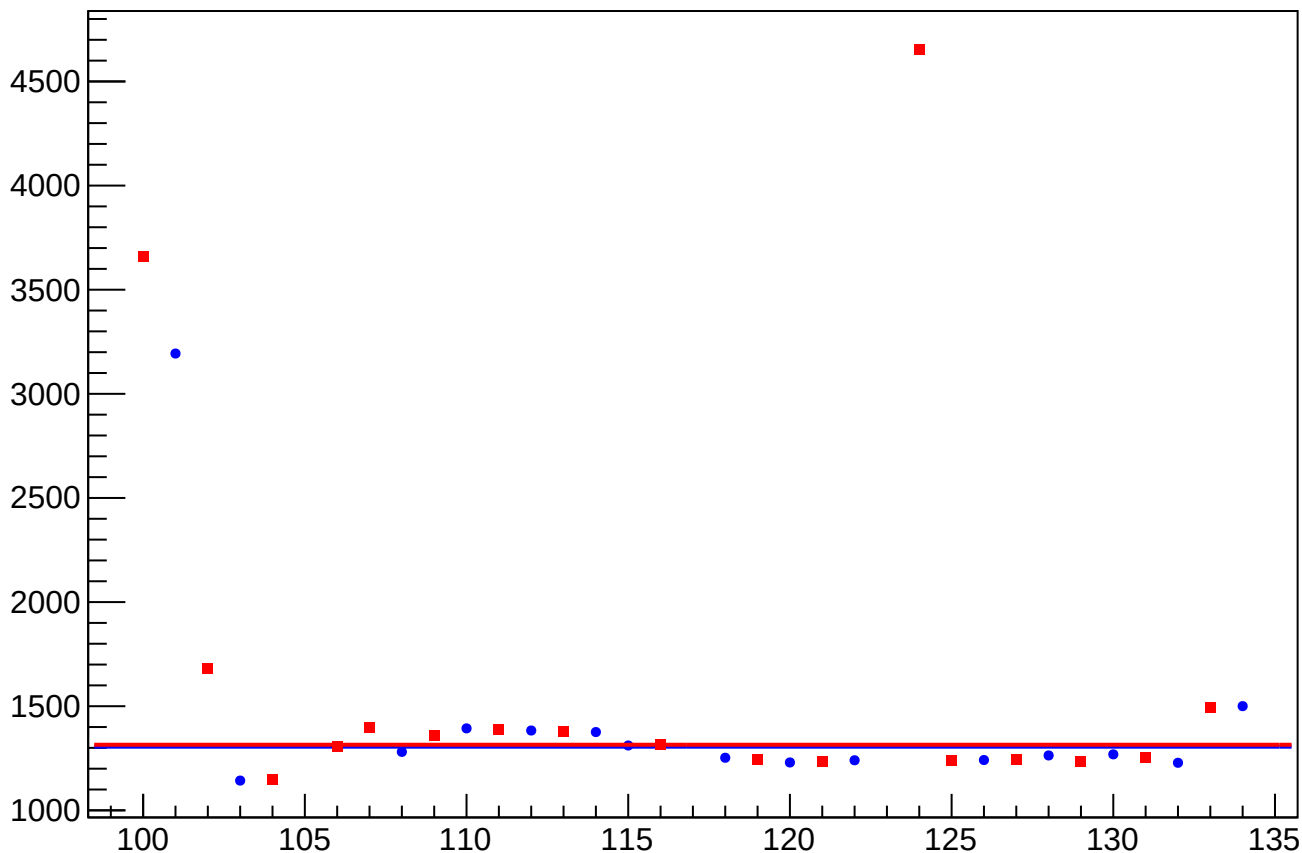
Right: 2270.972 $\pm$ 371.453 χ^2 /NDF: 23.0/31

In: 2752.007 $\pm$ 529.921 χ^2 /NDF:8.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2270.972 $\pm$ 371.453 χ^2 /NDF: 23.0/31

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1305.730+/-0.375 χ^2/NDF : 516149.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.006+/-0.368 χ^2/NDF : 325450.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

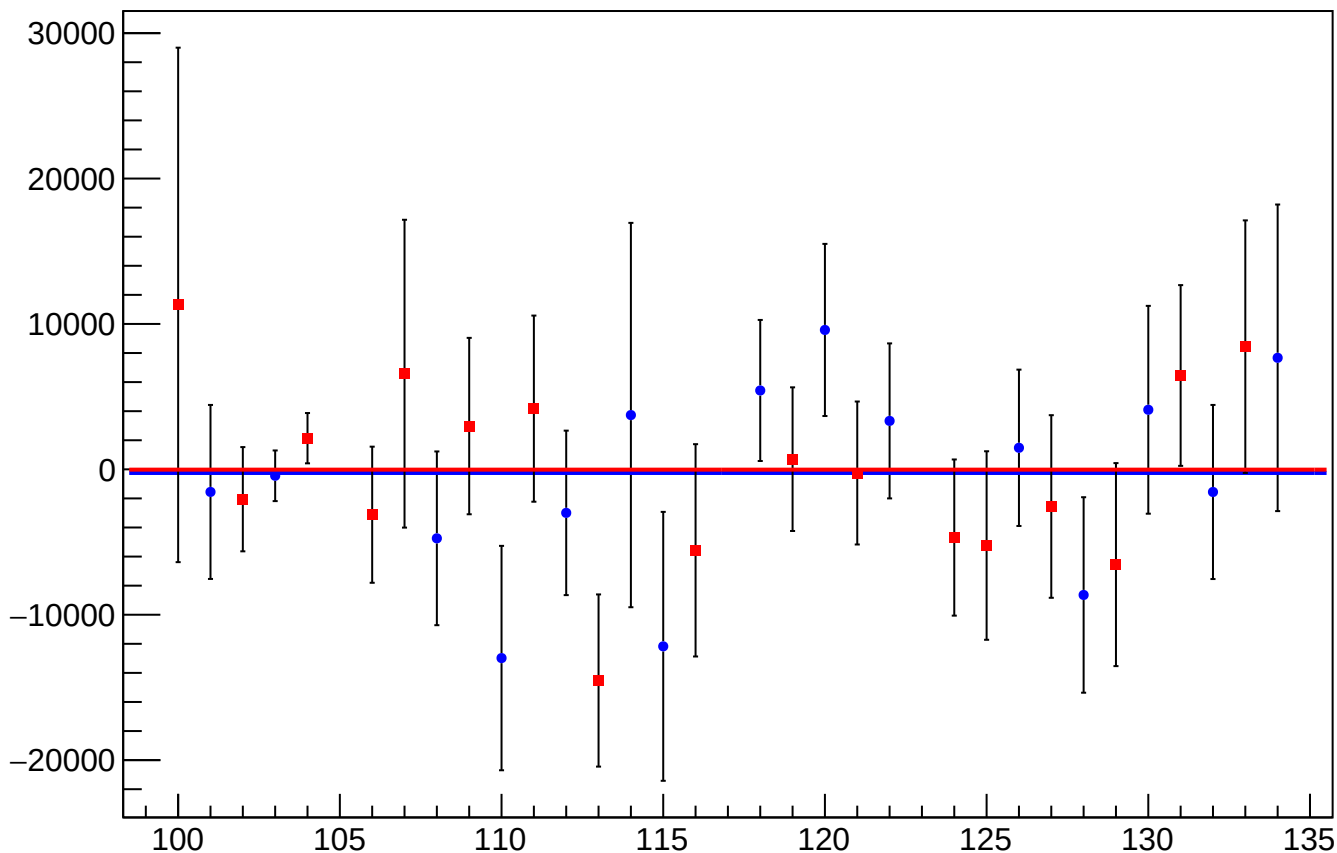
Right: 1310.458+/-0.262 χ^2/NDF : 841912.2/31

In: 1305.730+/-0.375 χ^2/NDF : 516149.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.458+/-0.262 χ^2/NDF : 841912.2/31

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -250.339+/-1221.200 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.276+/-1121.944 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

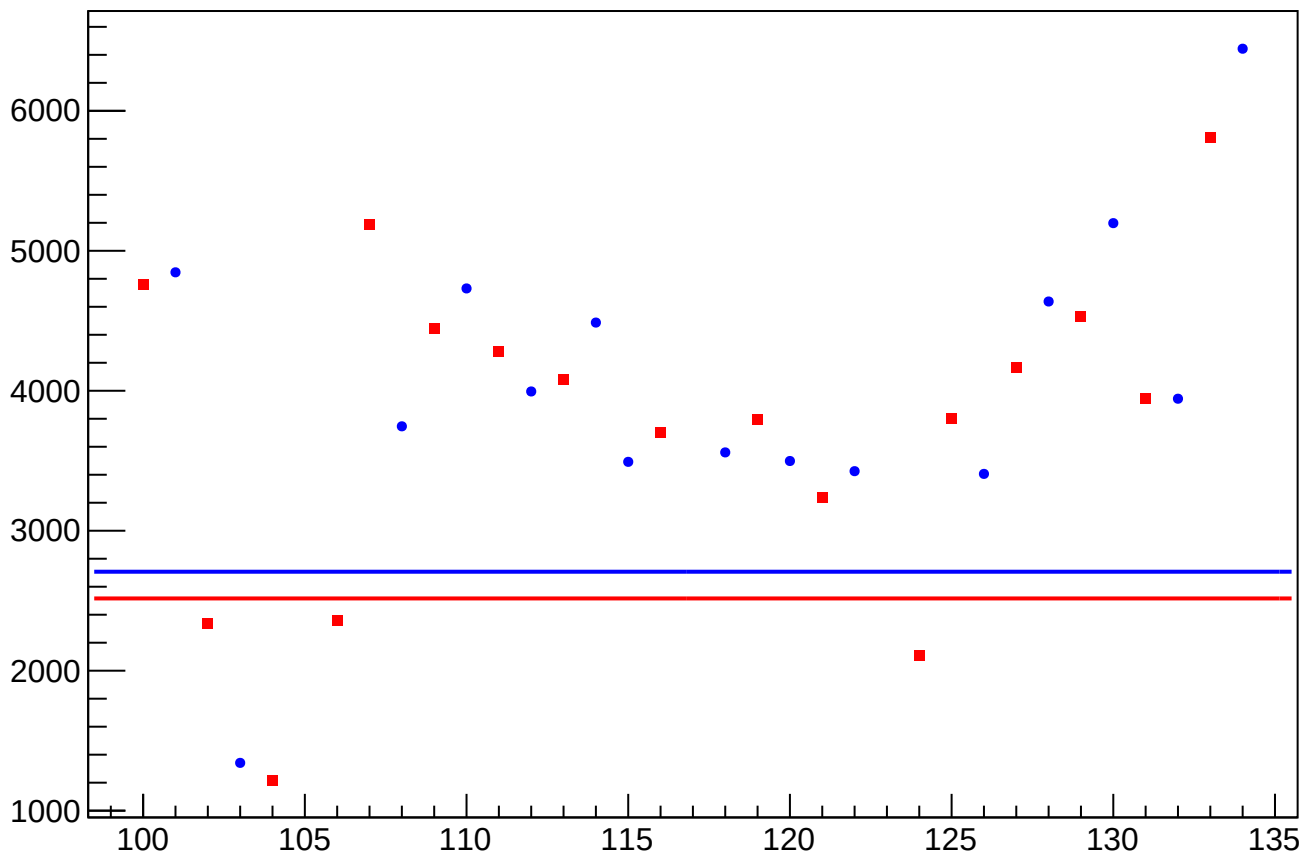
Right: -126.121+/-826.199 χ^2/NDF : 27.5/31

In: -250.339+/-1221.200 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.121+/-826.199 χ^2/NDF : 27.5/31

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2707.174+/-0.864 χ^2/NDF : 2749706.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2516.232+/-0.793 χ^2/NDF : 2811110.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

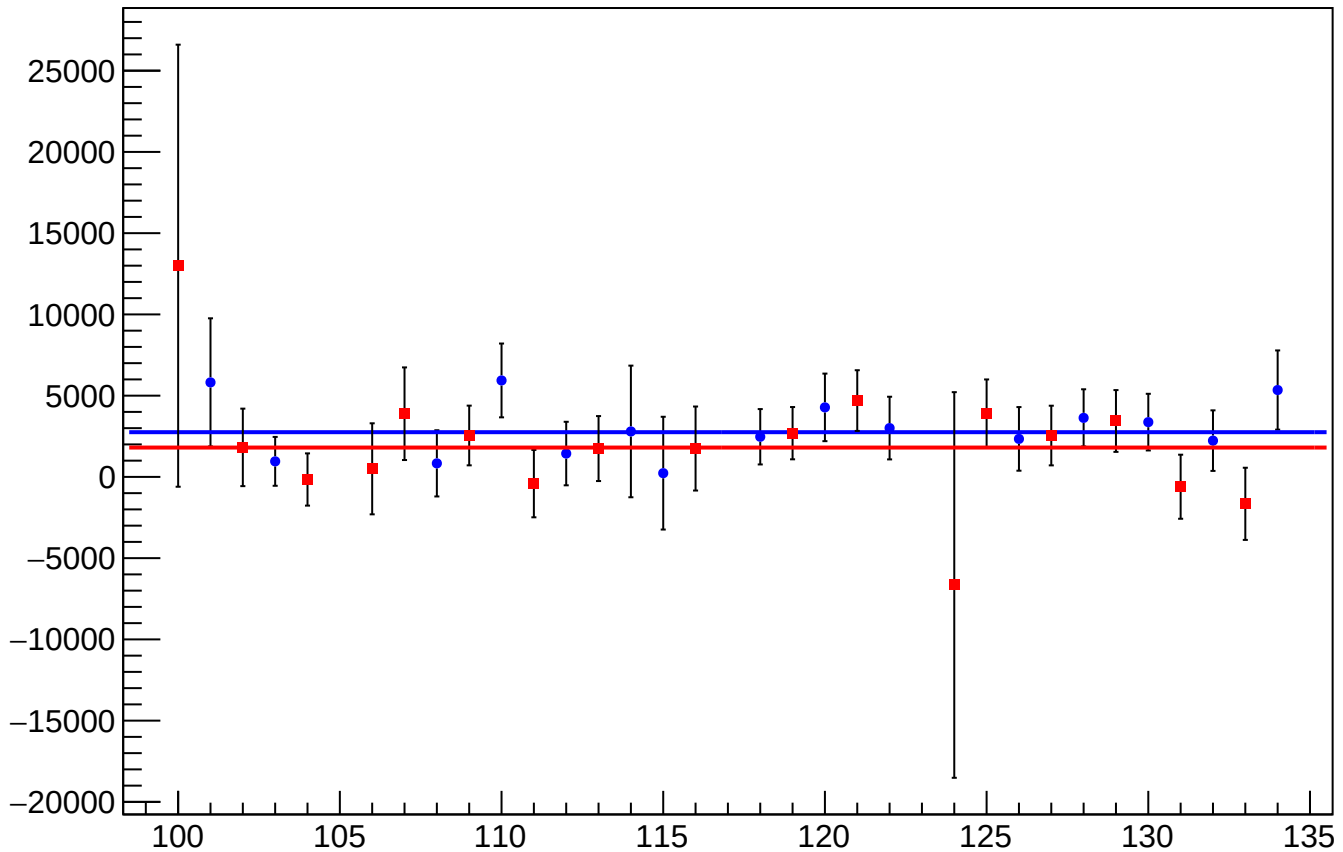
Right: 2603.629+/-0.584 χ^2/NDF : 5587331.9/31

In: 2707.174+/-0.864 χ^2/NDF : 2749706.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2603.629+/-0.584 χ^2/NDF : 5587331.9/31

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2752.007 $\pm$ 529.921 χ^2 /NDF: 8.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1806.310 $\pm$ 520.825 χ^2 /NDF: 13.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

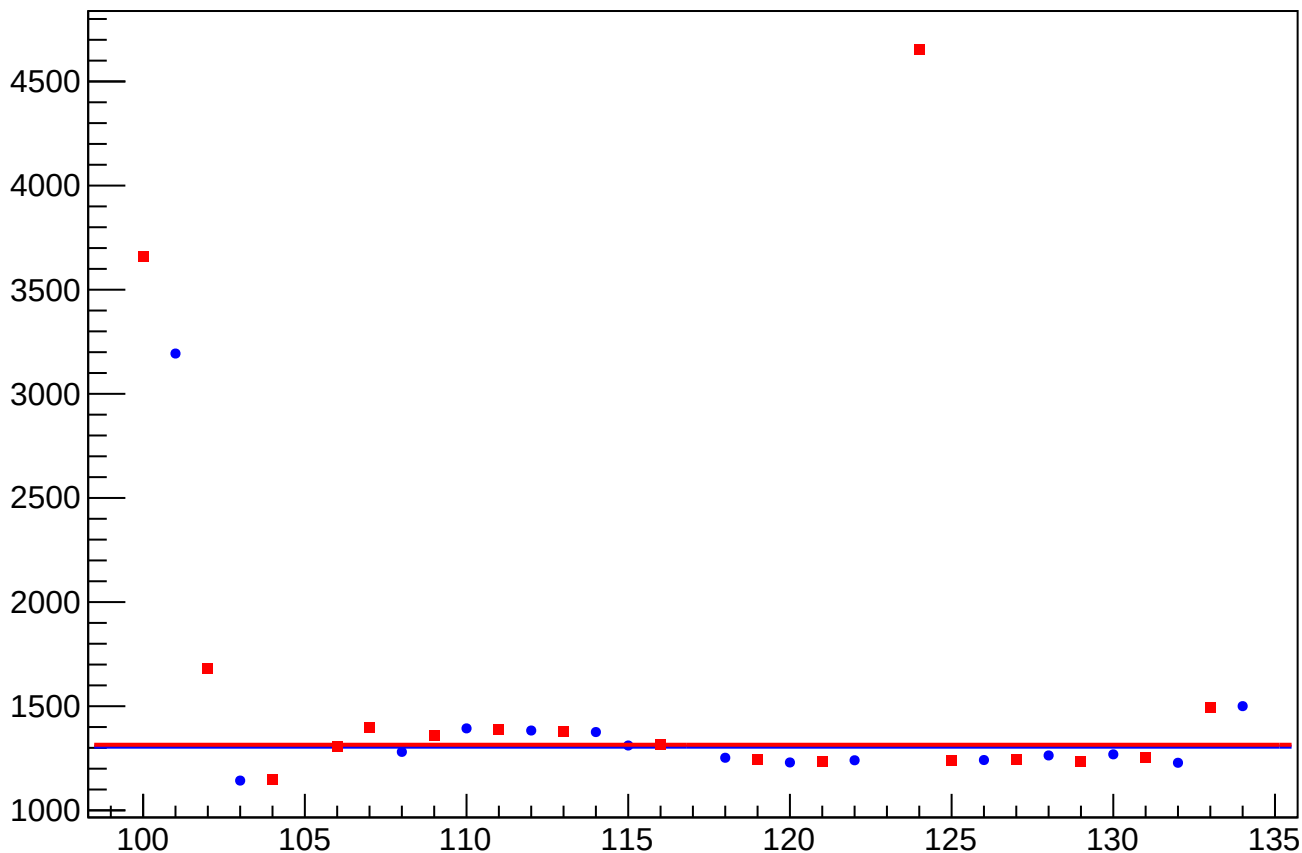
Right: 2270.972 $\pm$ 371.453 χ^2 /NDF: 23.0/31

In: 2752.007 $\pm$ 529.921 χ^2 /NDF:8.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2270.972 $\pm$ 371.453 χ^2 /NDF: 23.0/31

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1305.730+/-0.375 χ^2/NDF : 516149.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.006+/-0.368 χ^2/NDF : 325450.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

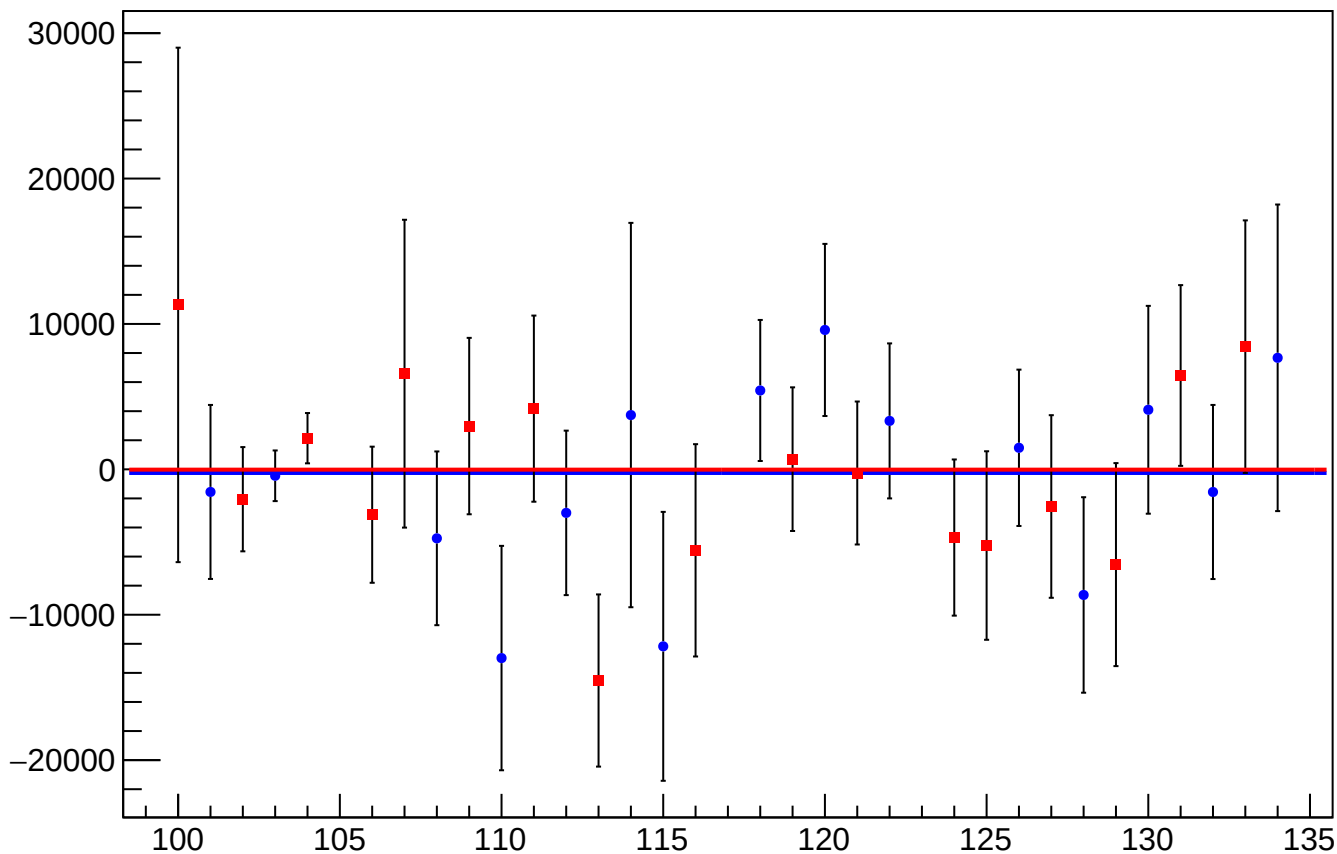
Right: 1310.458+/-0.262 χ^2/NDF : 841912.2/31

In: 1305.730+/-0.375 χ^2/NDF : 516149.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.458+/-0.262 χ^2/NDF : 841912.2/31

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -250.339+/-1221.200 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.276+/-1121.944 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

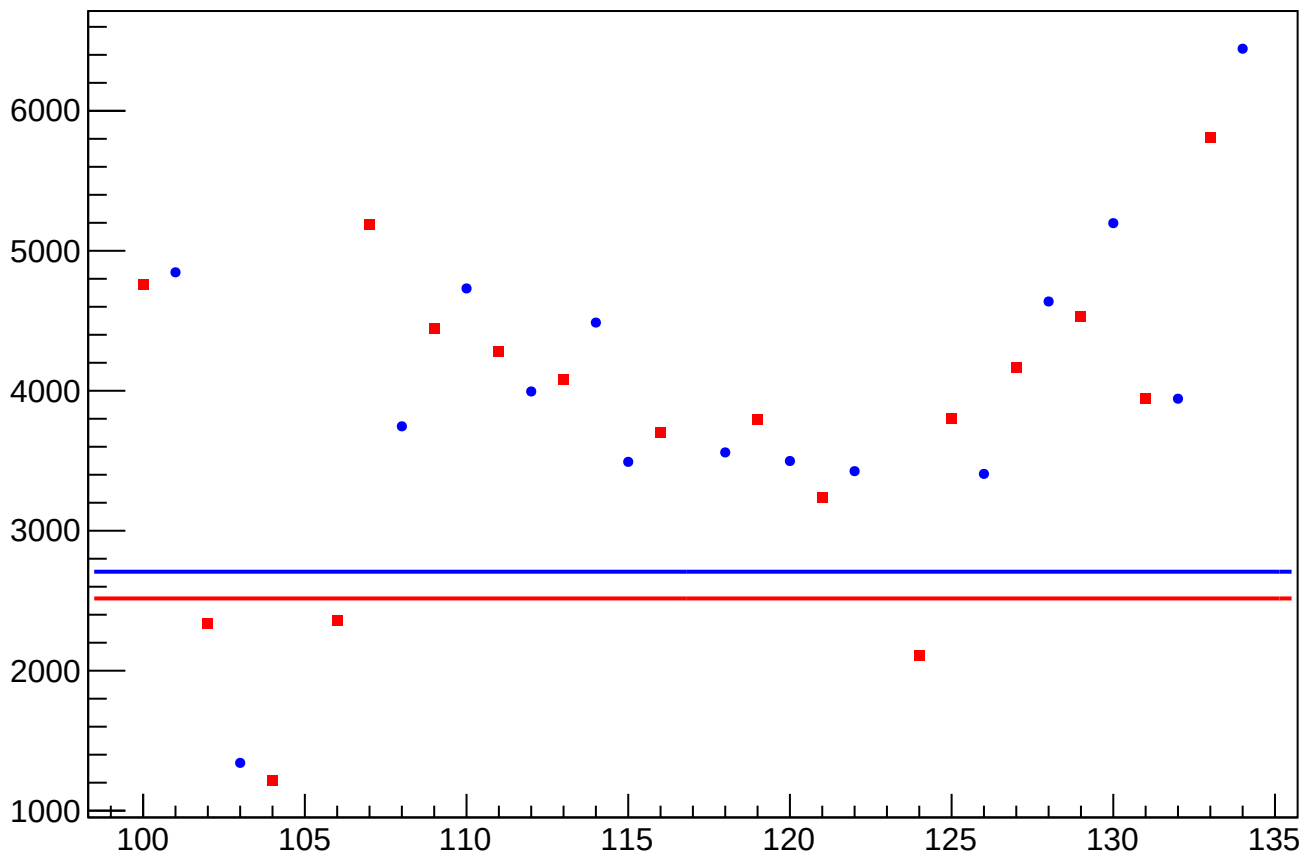
Right: -126.121+/-826.199 χ^2/NDF : 27.5/31

In: -250.339+/-1221.200 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.121+/-826.199 χ^2/NDF : 27.5/31

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2707.174+/-0.864 χ^2/NDF : 2749706.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2516.232+/-0.793 χ^2/NDF : 2811110.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

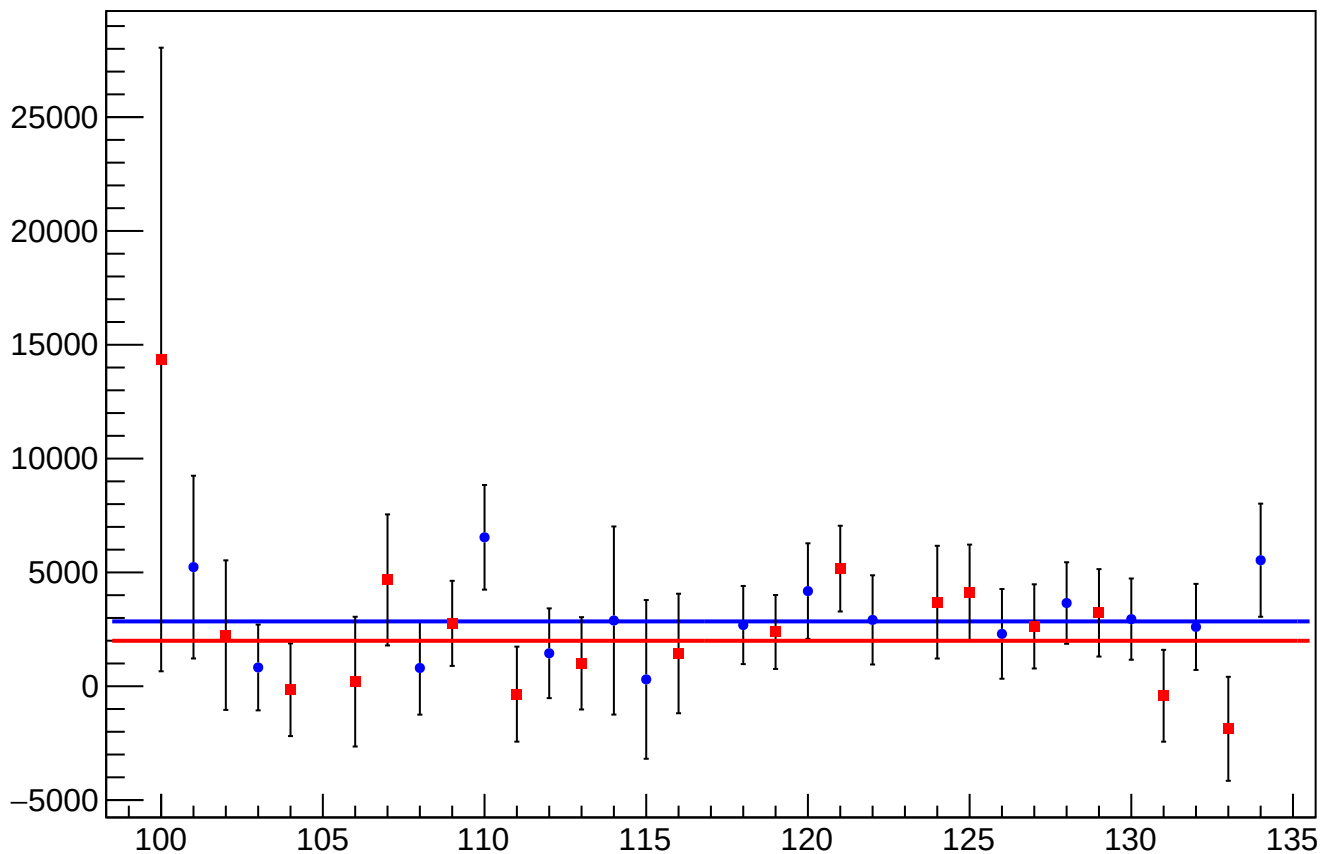
Right: 2603.629+/-0.584 χ^2/NDF : 5587331.9/31

In: 2707.174+/-0.864 χ^2/NDF : 2749706.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2603.629+/-0.584 χ^2/NDF : 5587331.9/31

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2848.144+/-548.740 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1996.908+/-531.788 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

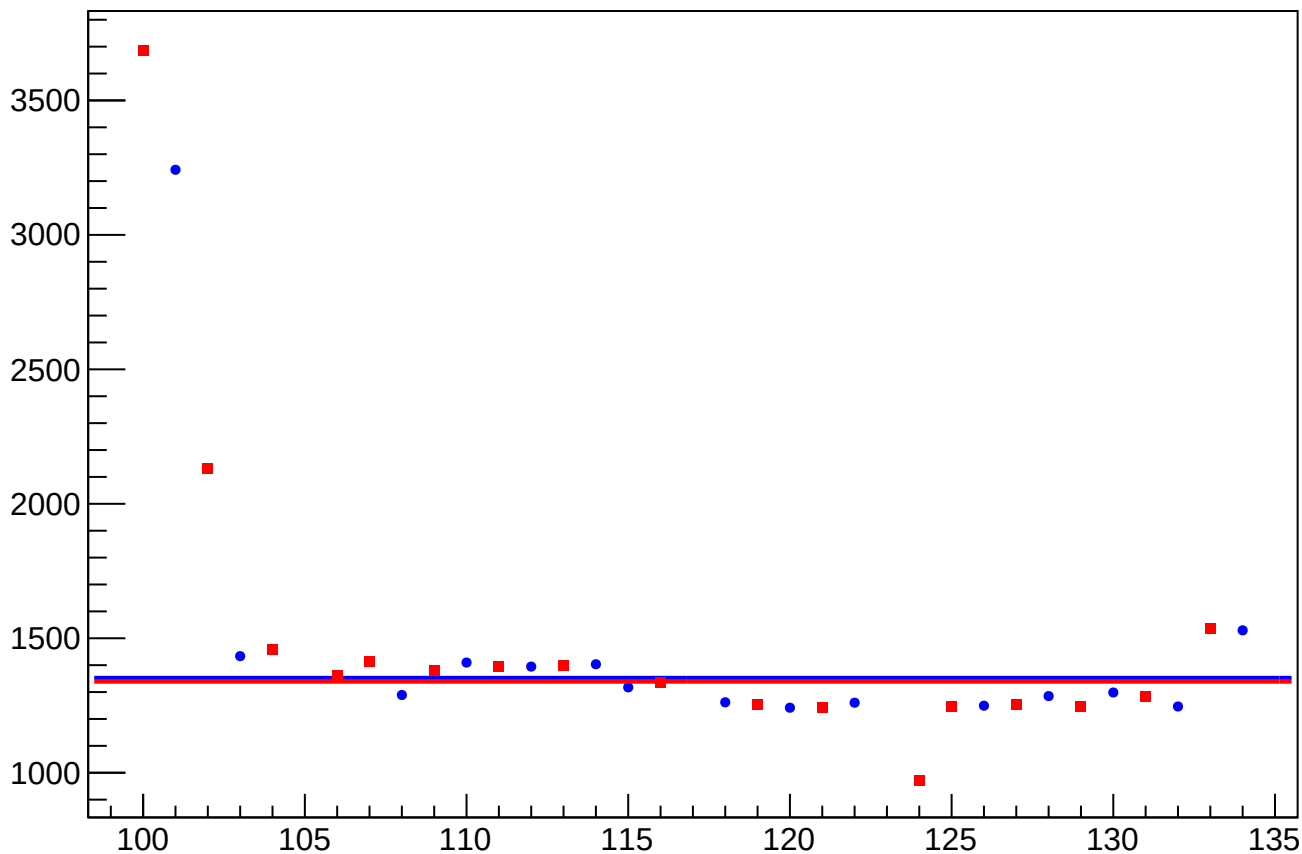
Right: 2409.175+/-381.883 χ^2/NDF : 23.3/31

In: 2848.144+/-548.740 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.175+/-381.883 χ^2/NDF : 23.3/31

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1352.928+/-0.388 χ^2/NDF : 493719.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.542+/-0.376 χ^2/NDF : 271670.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

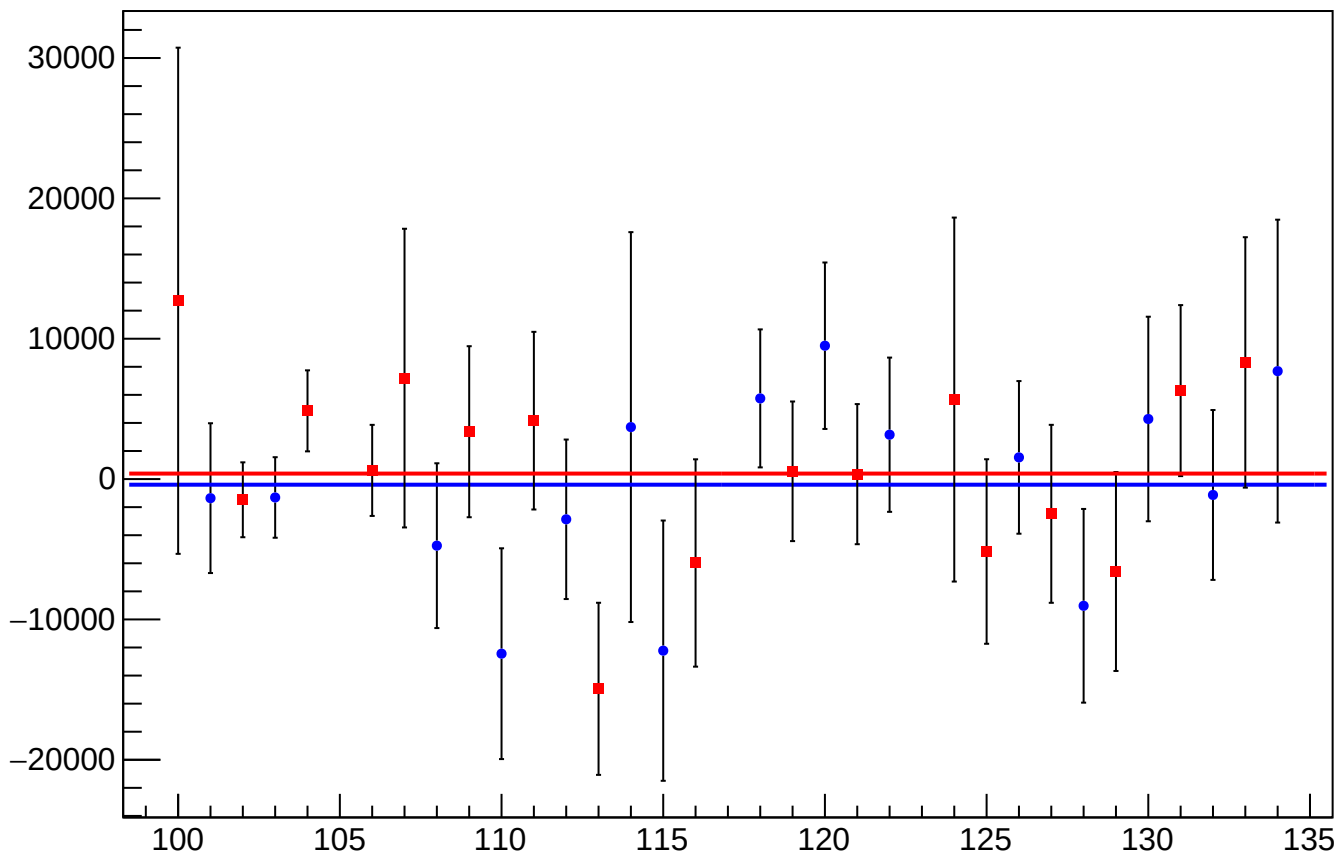
Right: 1345.504+/-0.270 χ^2/NDF : 766098.8/31

In: 1352.928+/-0.388 χ^2/NDF : 493719.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.504+/-0.270 χ^2/NDF : 766098.8/31

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -400.781+/-1468.700 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.307+/-1232.618 χ^2/NDF : 15.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

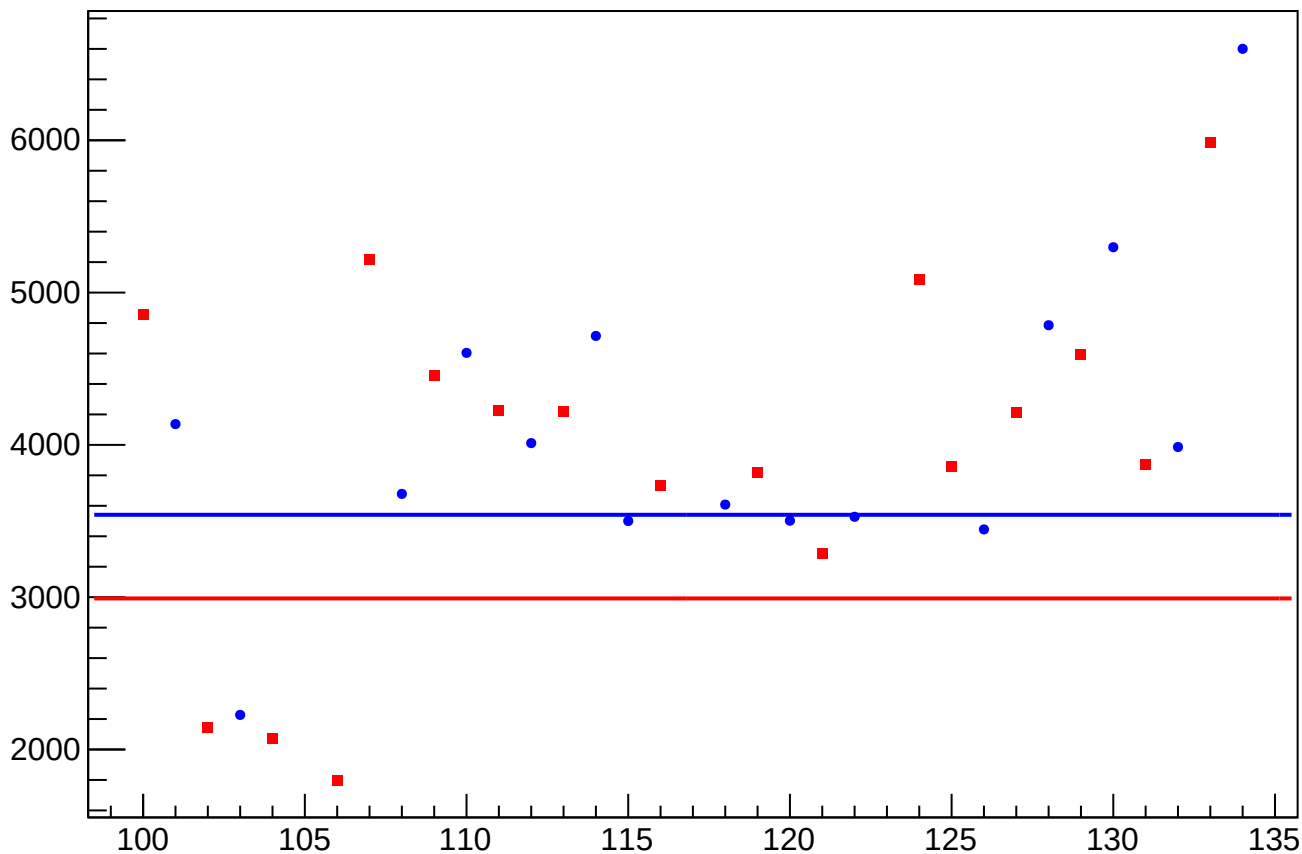
Right: 63.963+/-944.166 χ^2/NDF : 27.9/31

In: -400.781+/-1468.700 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.963+/-944.166 χ^2/NDF : 27.9/31

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3541.005+/-1.039 χ^2/NDF : 867523.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2991.888+/-0.872 χ^2/NDF : 1670342.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

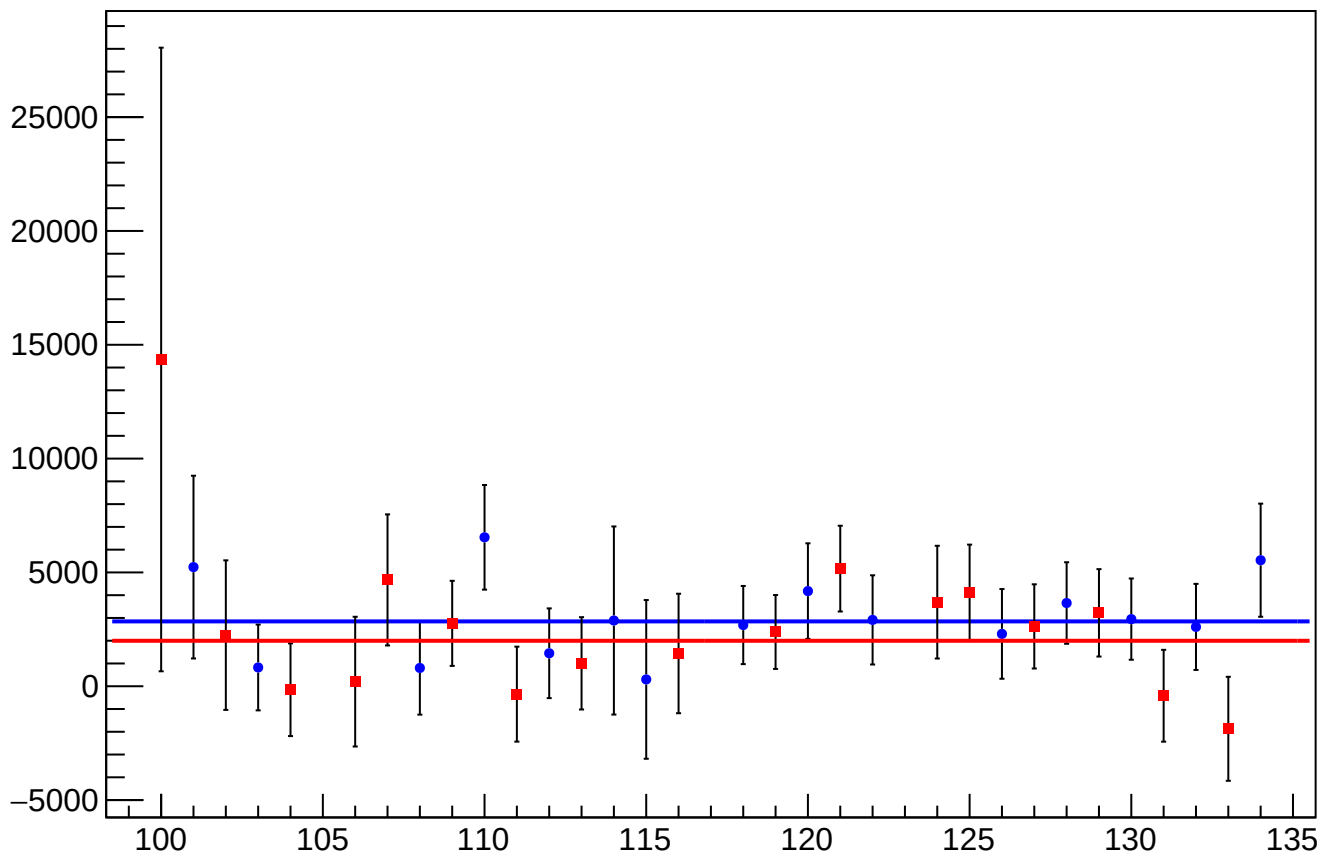
Right: 3218.820+/-0.668 χ^2/NDF : 2701900.4/31

In: 3541.005+/-1.039 χ^2/NDF : 867523.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3218.820+/-0.668 χ^2/NDF : 2701900.4/31

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2848.144+/-548.739 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1996.911+/-531.788 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

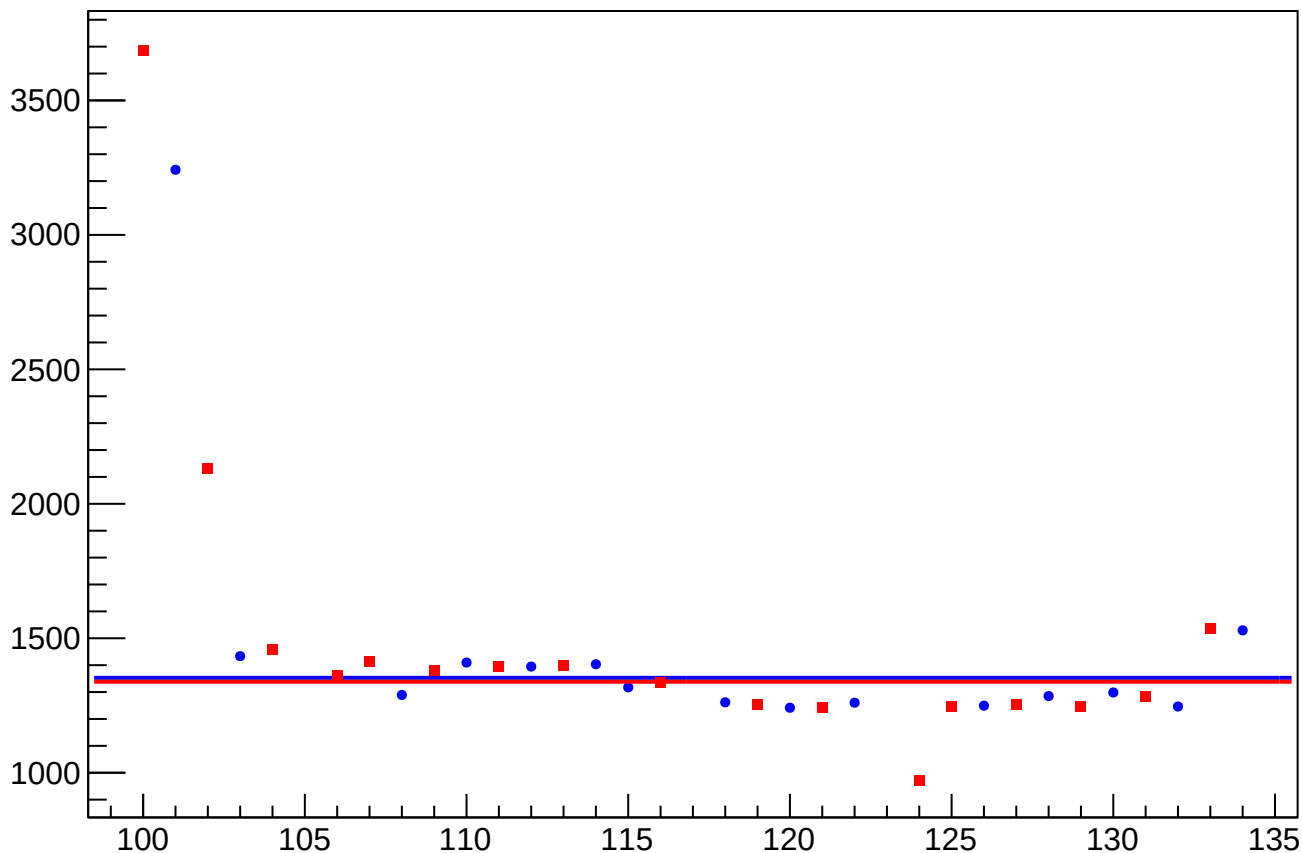
Right: 2409.176+/-381.883 χ^2/NDF : 23.3/31

In: 2848.144+/-548.739 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.176+/-381.883 χ^2/NDF : 23.3/31

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1352.927+/-0.388 χ^2/NDF : 493719.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.541+/-0.376 χ^2/NDF : 271669.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

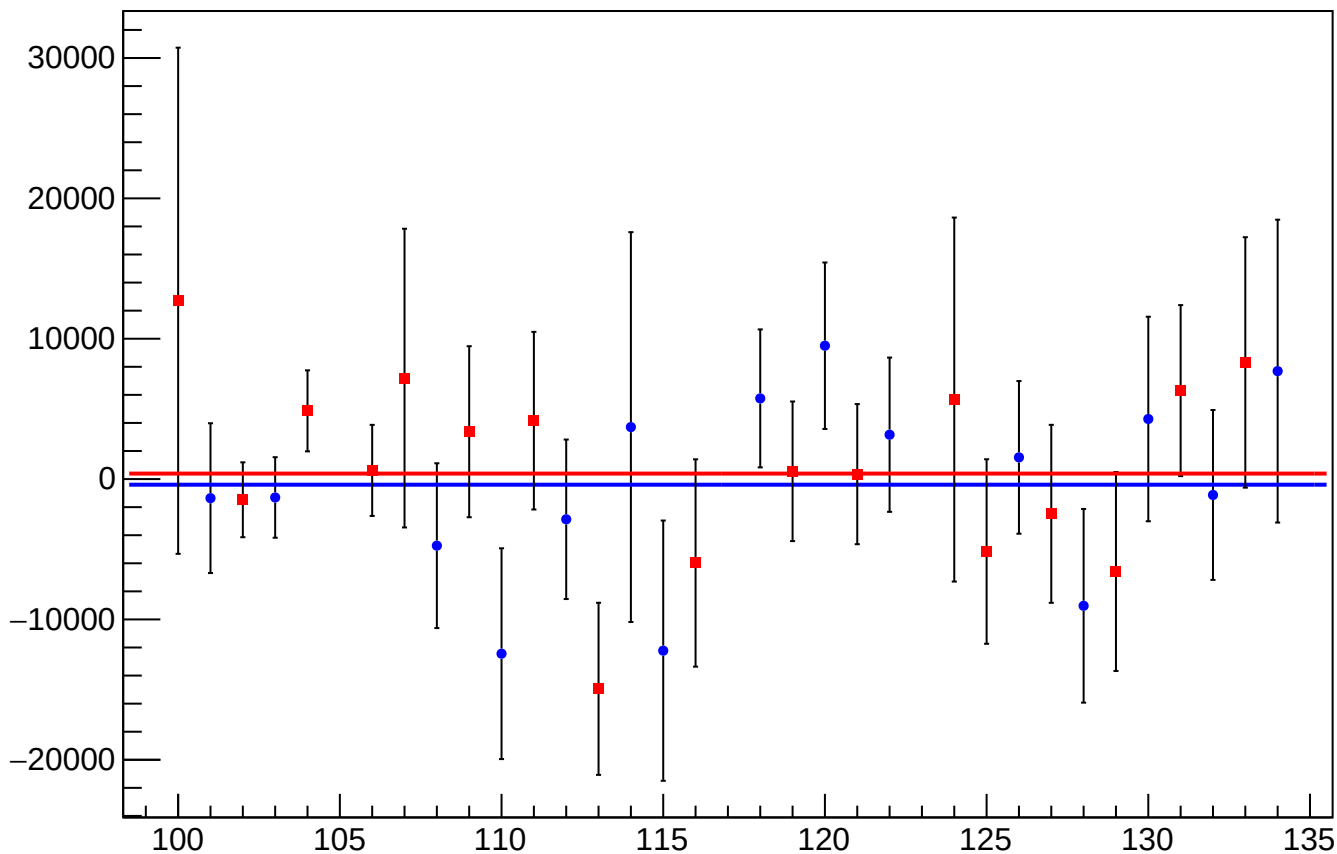
Right: 1345.504+/-0.270 χ^2/NDF : 766097.9/31

In: 1352.927+/-0.388 χ^2/NDF : 493719.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.504+/-0.270 χ^2/NDF : 766097.9/31

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -400.778+/-1468.695 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.308+/-1232.614 χ^2/NDF : 15.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

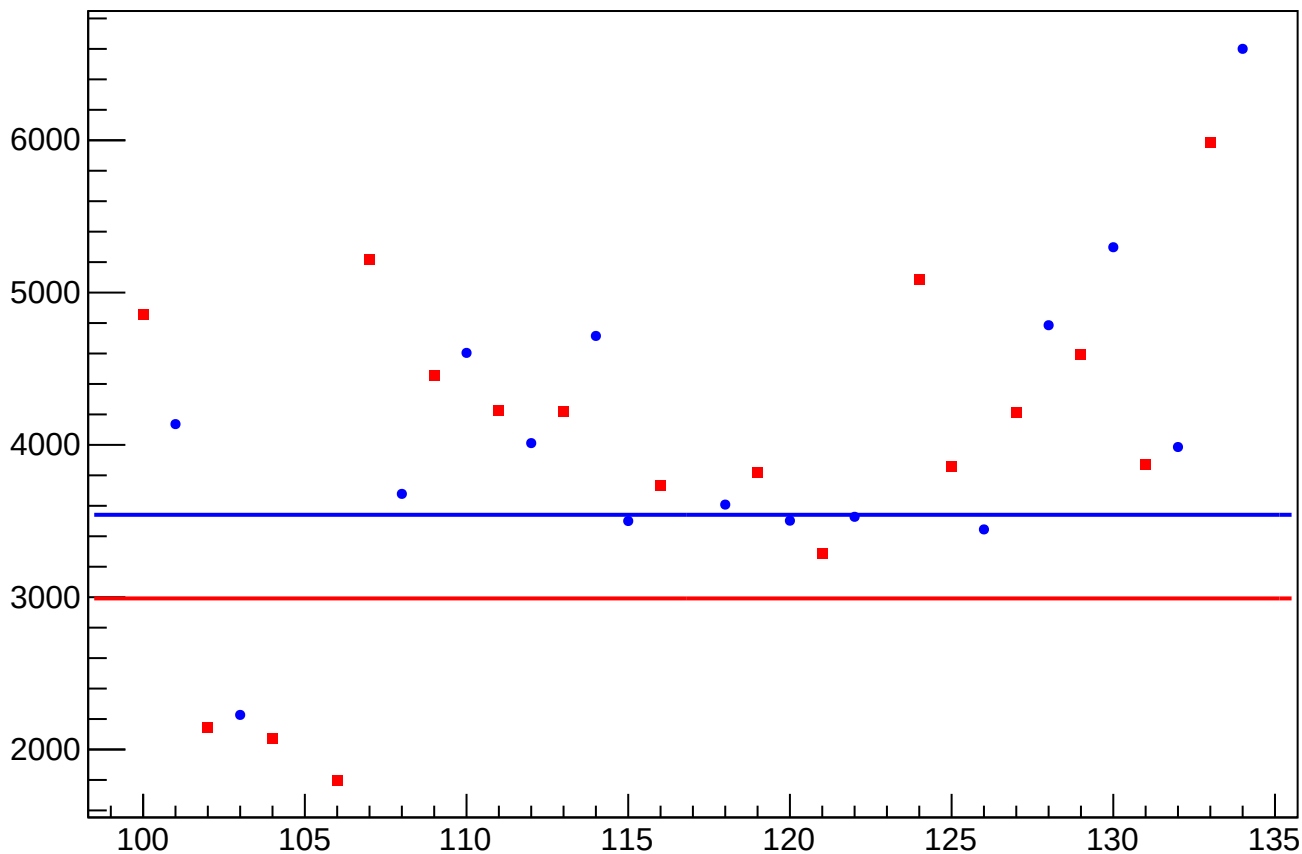
Right: 63.965+/-944.164 χ^2/NDF : 27.9/31

In: -400.778+/-1468.695 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.965+/-944.164 χ^2/NDF : 27.9/31

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3540.995+/-1.039 χ^2/NDF : 867523.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2991.880+/-0.872 χ^2/NDF : 1670342.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

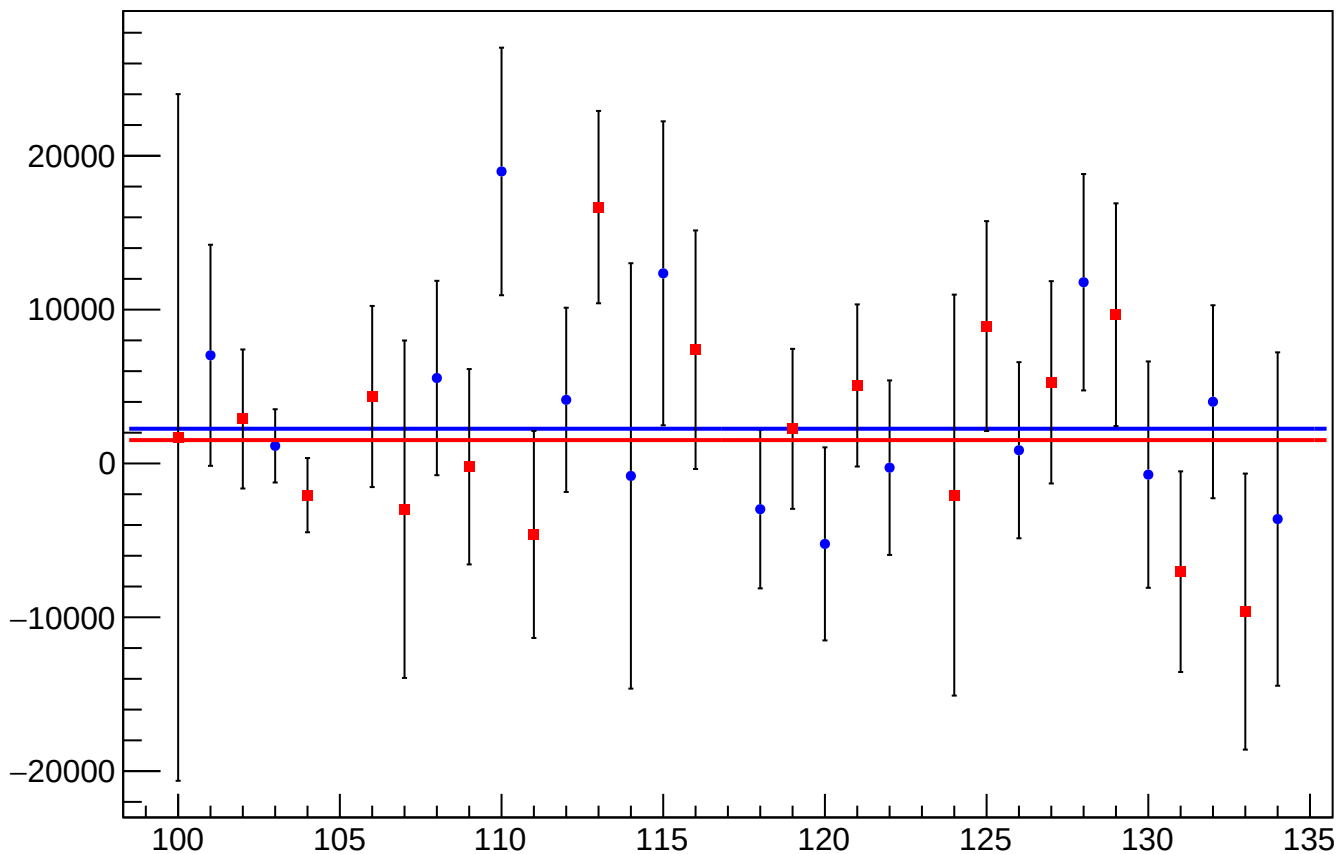
Right: 3218.811+/-0.668 χ^2/NDF : 2701899.6/31

In: 3540.995+/-1.039 χ^2/NDF : 867523.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3218.811+/-0.668 χ^2/NDF : 2701899.6/31

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2257.578+/-1448.069 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1518.134+/-1376.881 χ^2/NDF : 16.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

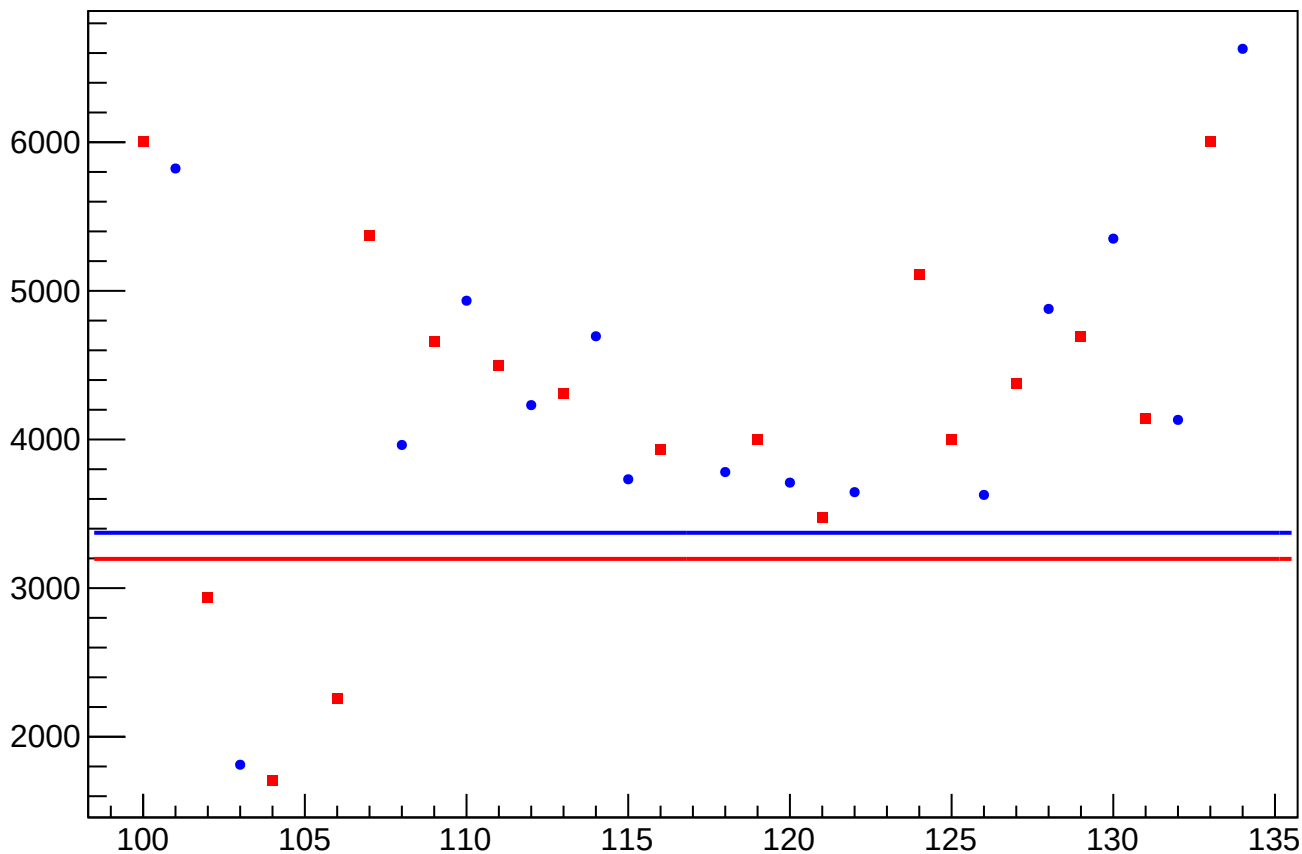
Right: 1869.234+/-997.820 χ^2/NDF : 28.3/31

In: 2257.578+/-1448.069 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.234+/-997.820 χ^2/NDF : 28.3/31

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3372.295+/-1.024 χ^2/NDF : 1719855.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3196.680+/-0.960 χ^2/NDF : 1734786.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

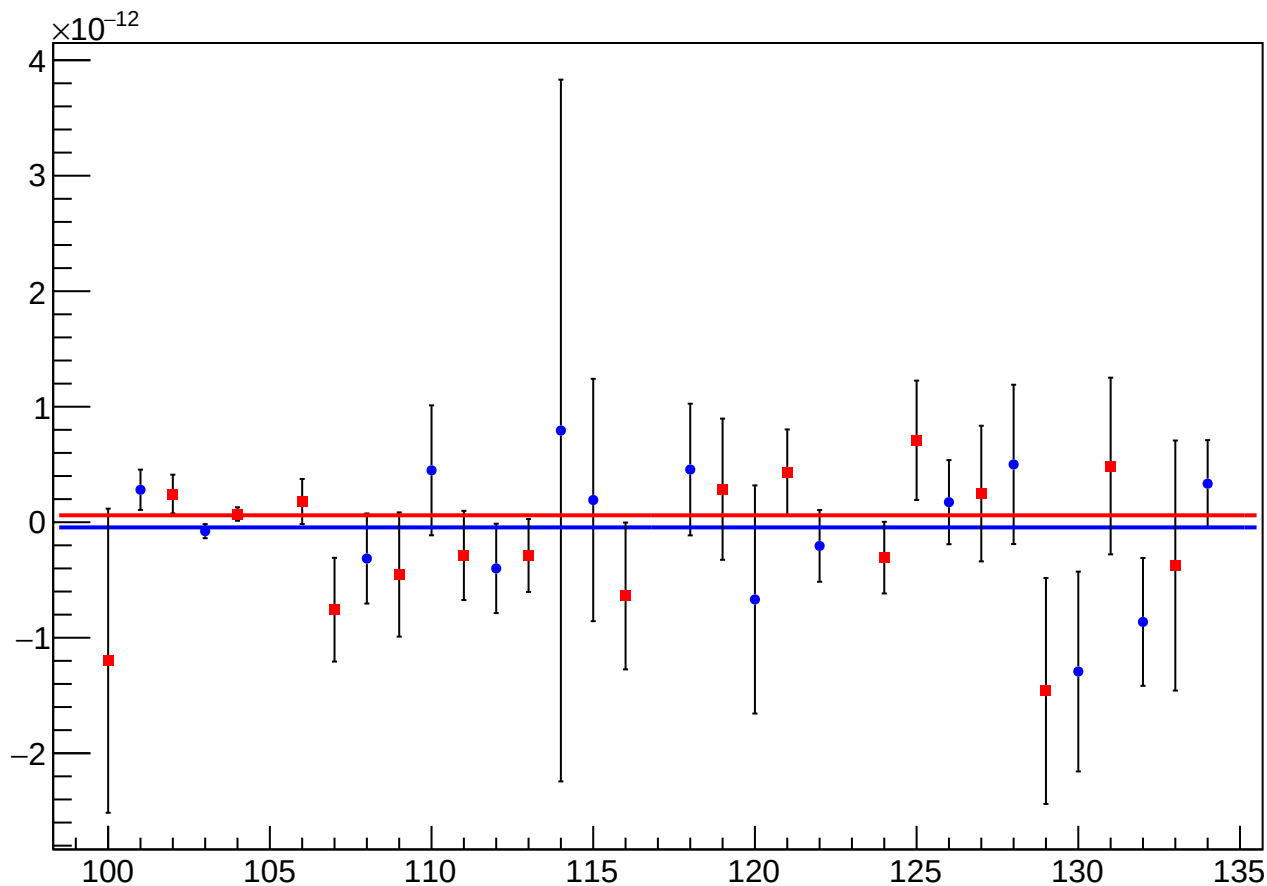
Right: 3278.790+/-0.700 χ^2/NDF : 3470304.4/31

In: 3372.295+/-1.024 χ^2/NDF : 1719855.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3278.790+/-0.700 χ^2/NDF : 3470304.4/31

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

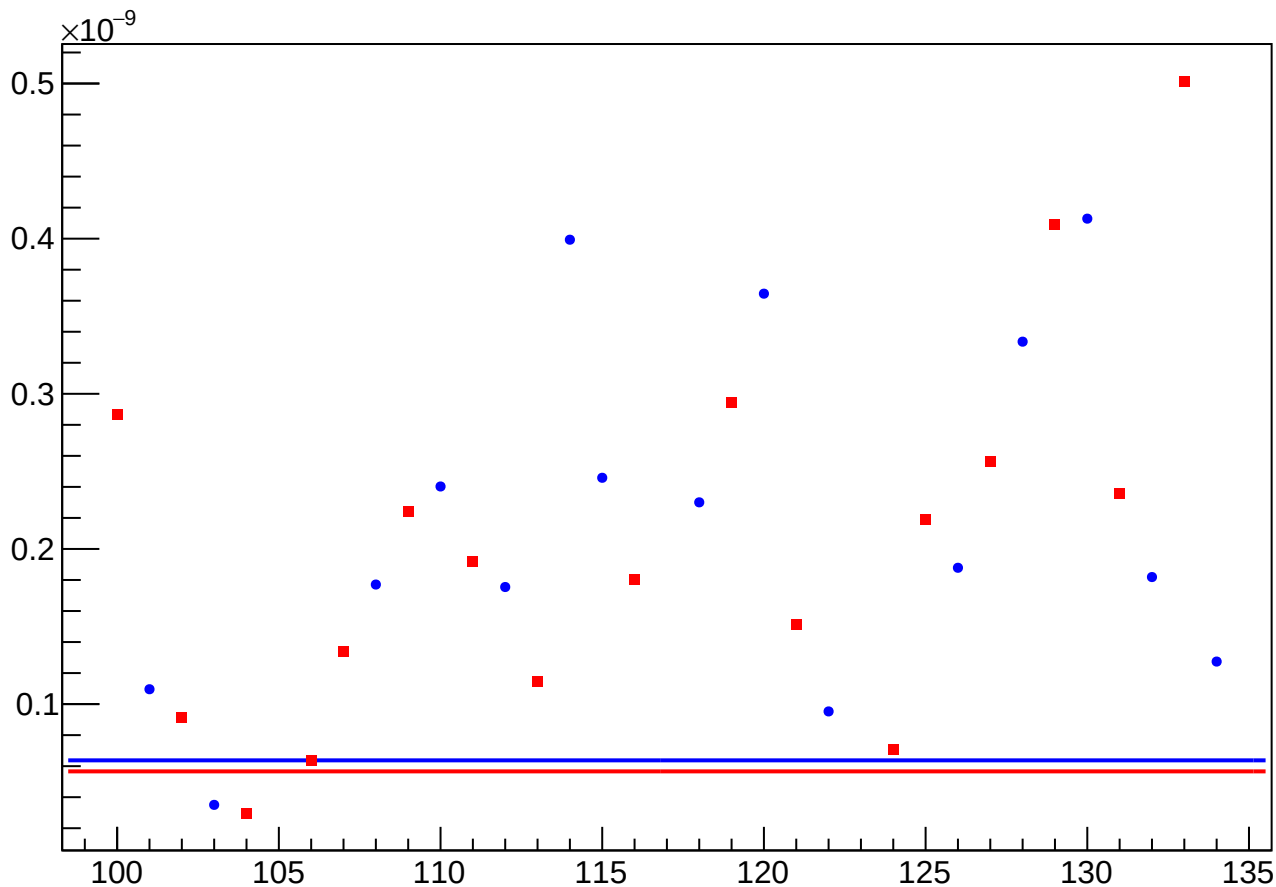
Right: 0.000+/-0.000 χ^2/NDF : 32.9/31

In: -0.000+/-0.000 χ^2/NDF : 13.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.9/31

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2587317.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2803800.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

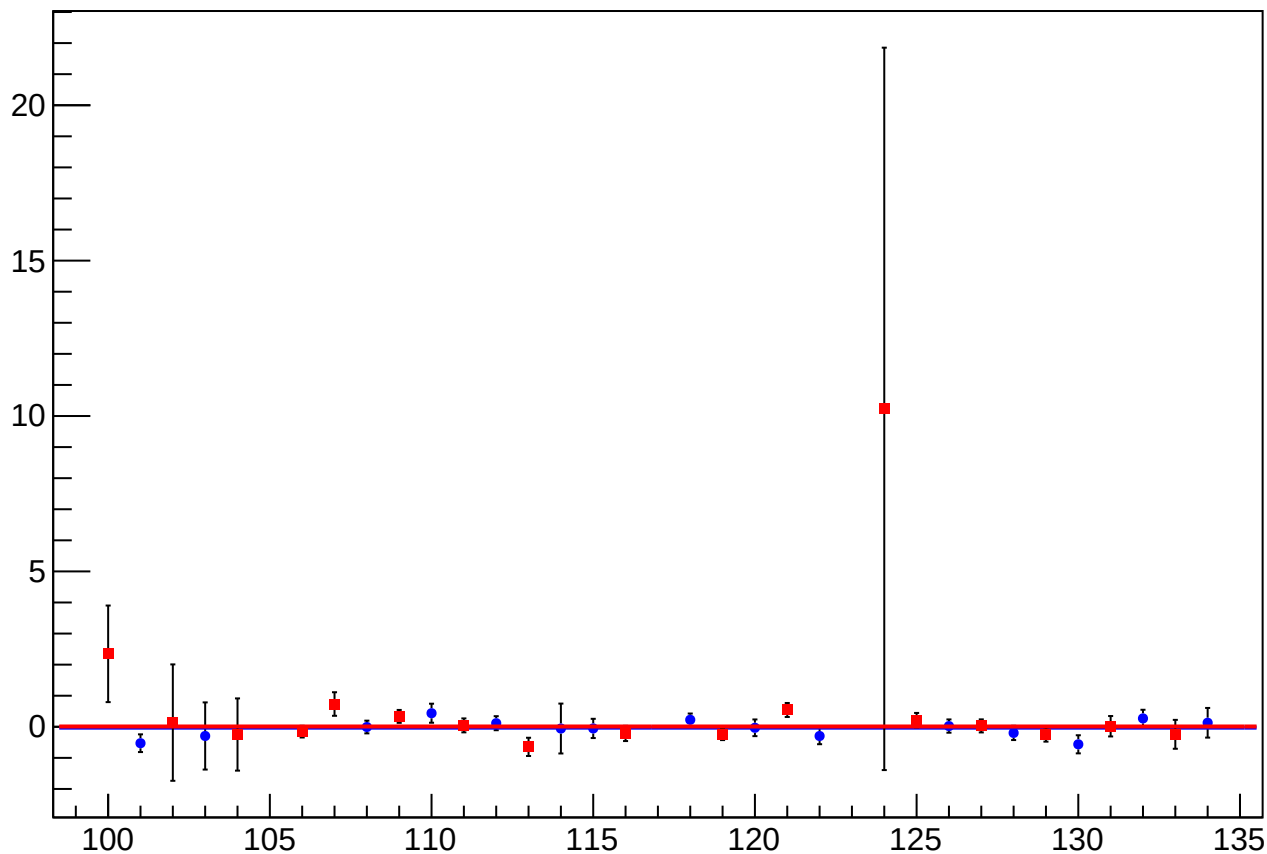
Right: 0.000+/-0.000 χ^2/NDF : 5410438.5/31

In: 0.000+/-0.000 χ^2/NDF : 2587317.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5410438.5/31

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.066 χ^2/NDF : 25.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

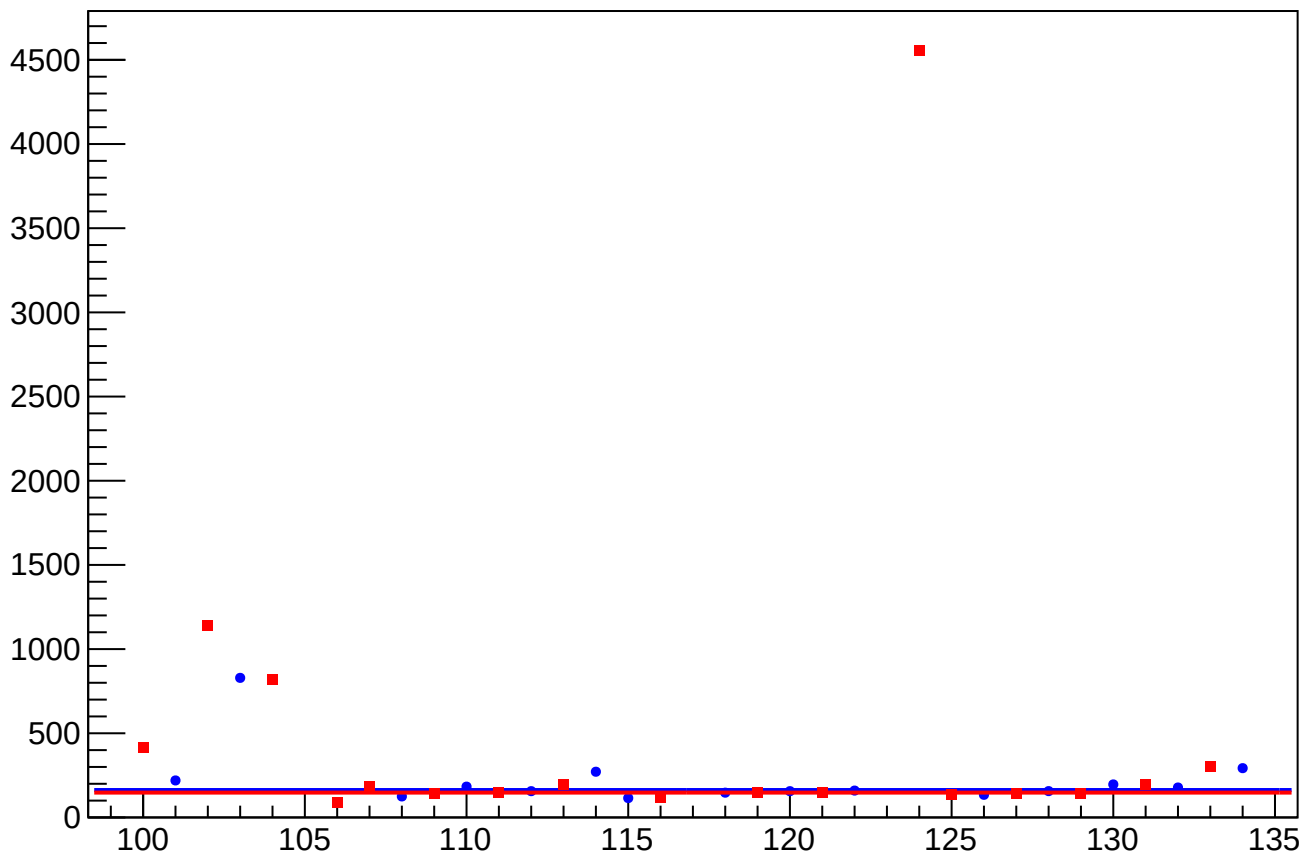
Right: -0.008 ± 0.048 χ^2/NDF : 39.3/31

In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.048 χ^2/NDF : 39.3/31

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.921+/-0.050 χ^2/NDF : 1234548.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.643+/-0.047 χ^2/NDF : 2156558.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

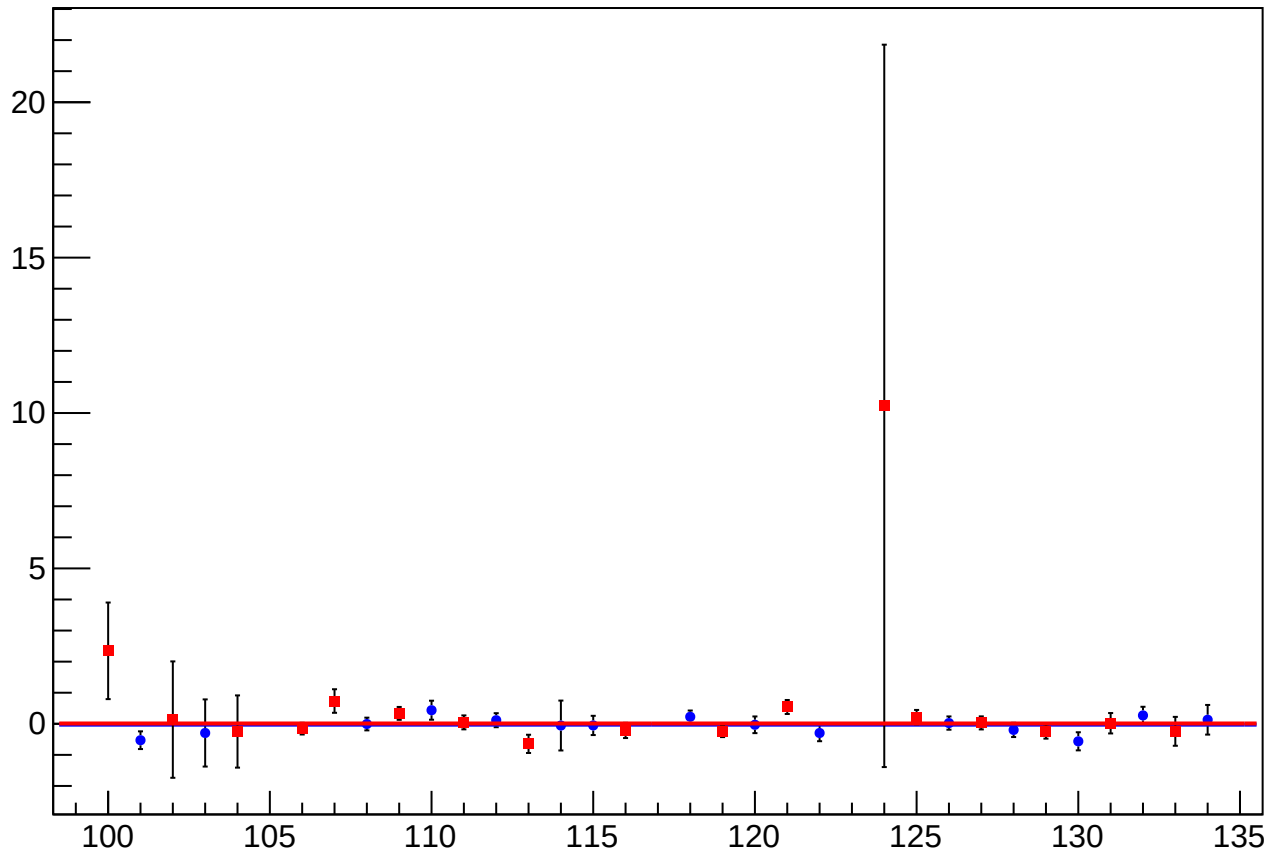
Right: 154.804+/-0.034 χ^2/NDF : 3441279.7/31

In: 162.921+/-0.050 χ^2/NDF : 1234548.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.804+/-0.034 χ^2/NDF : 3441279.7/31

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.066 χ^2/NDF : 25.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

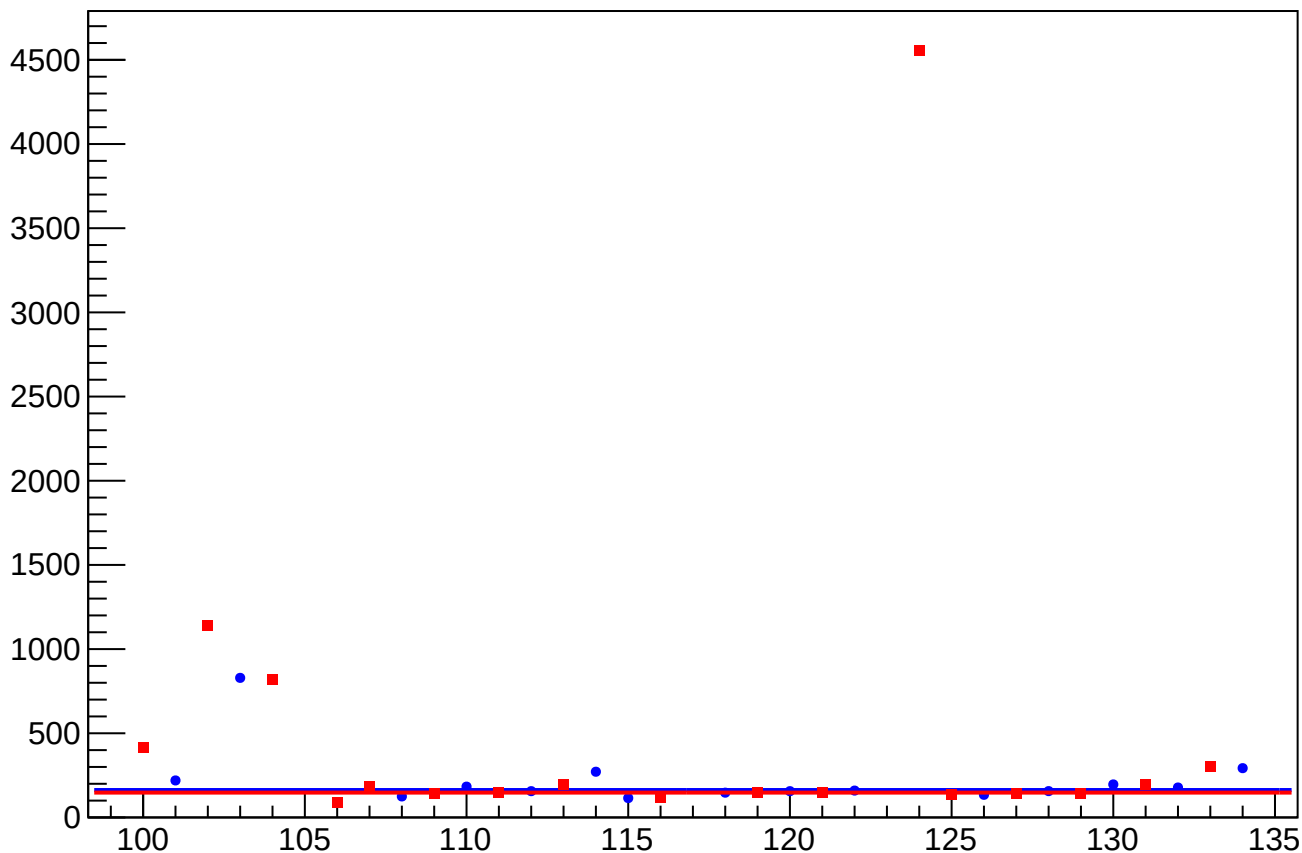
Right: -0.008 ± 0.048 χ^2/NDF : 39.3/31

In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.048 χ^2/NDF : 39.3/31

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.921+/-0.050 χ^2/NDF : 1234548.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.643+/-0.047 χ^2/NDF : 2156558.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

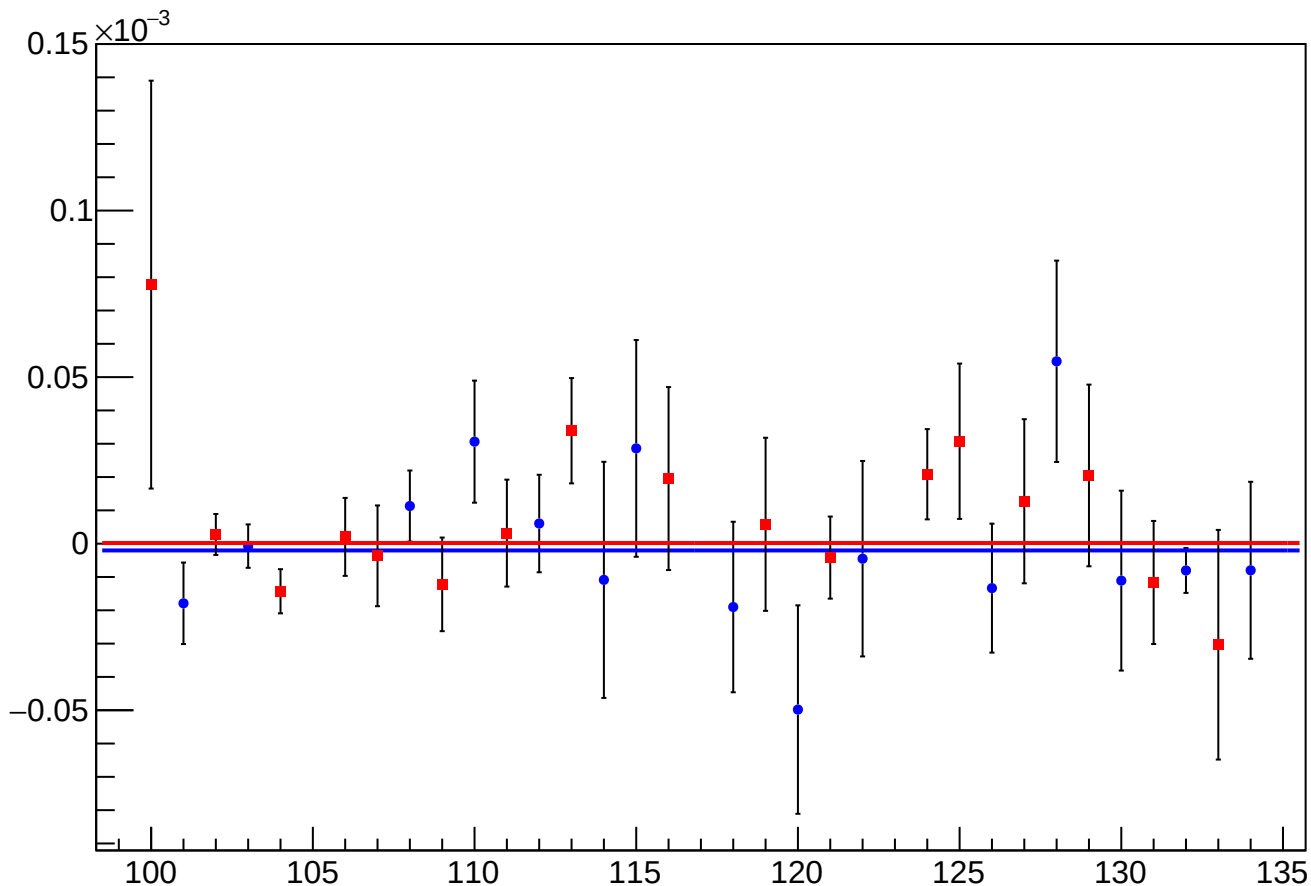
Right: 154.804+/-0.034 χ^2/NDF : 3441279.7/31

In: 162.921+/-0.050 χ^2/NDF : 1234548.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.804+/-0.034 χ^2/NDF : 3441279.7/31

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

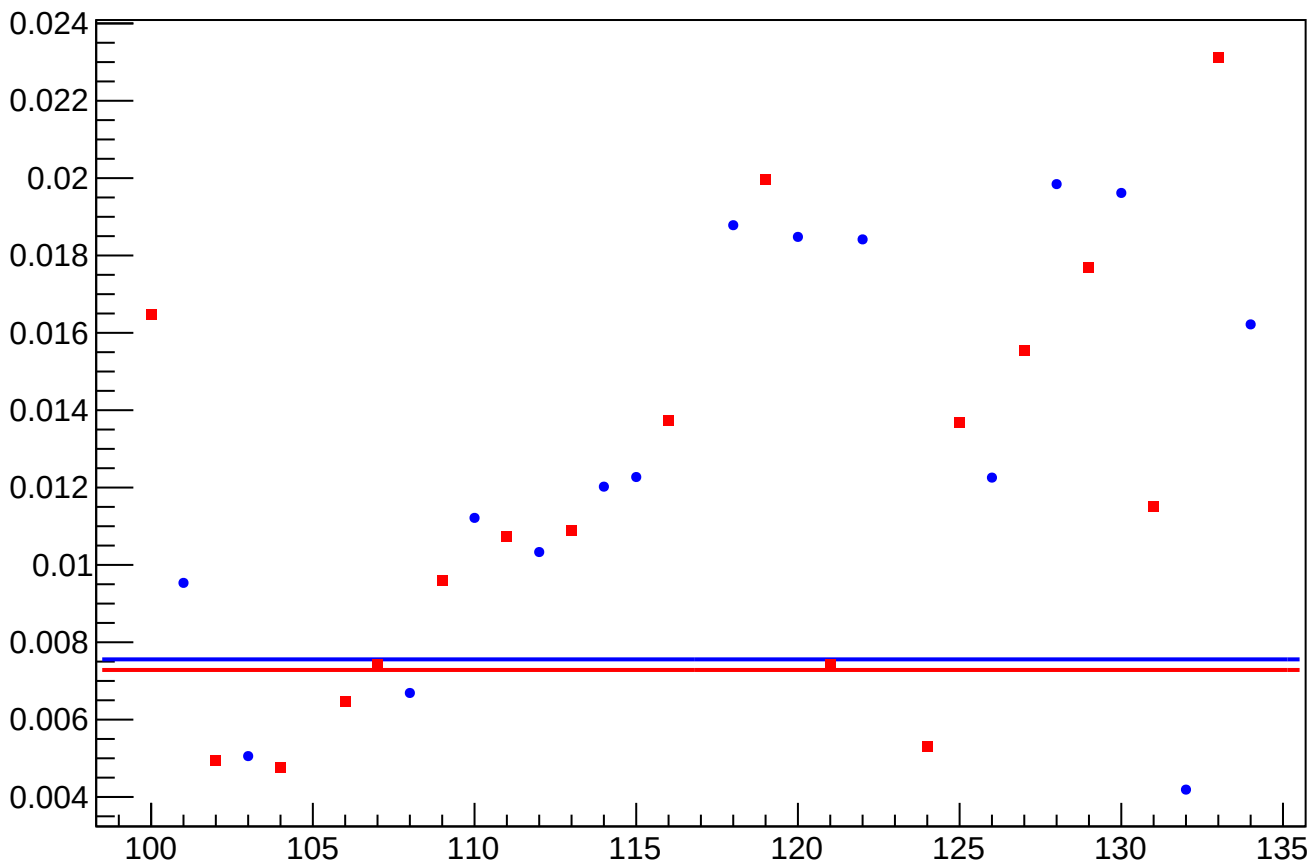
Right: -0.000+/-0.000 χ^2/NDF : 34.3/31

In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.3/31

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 : 3047755.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2703434.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

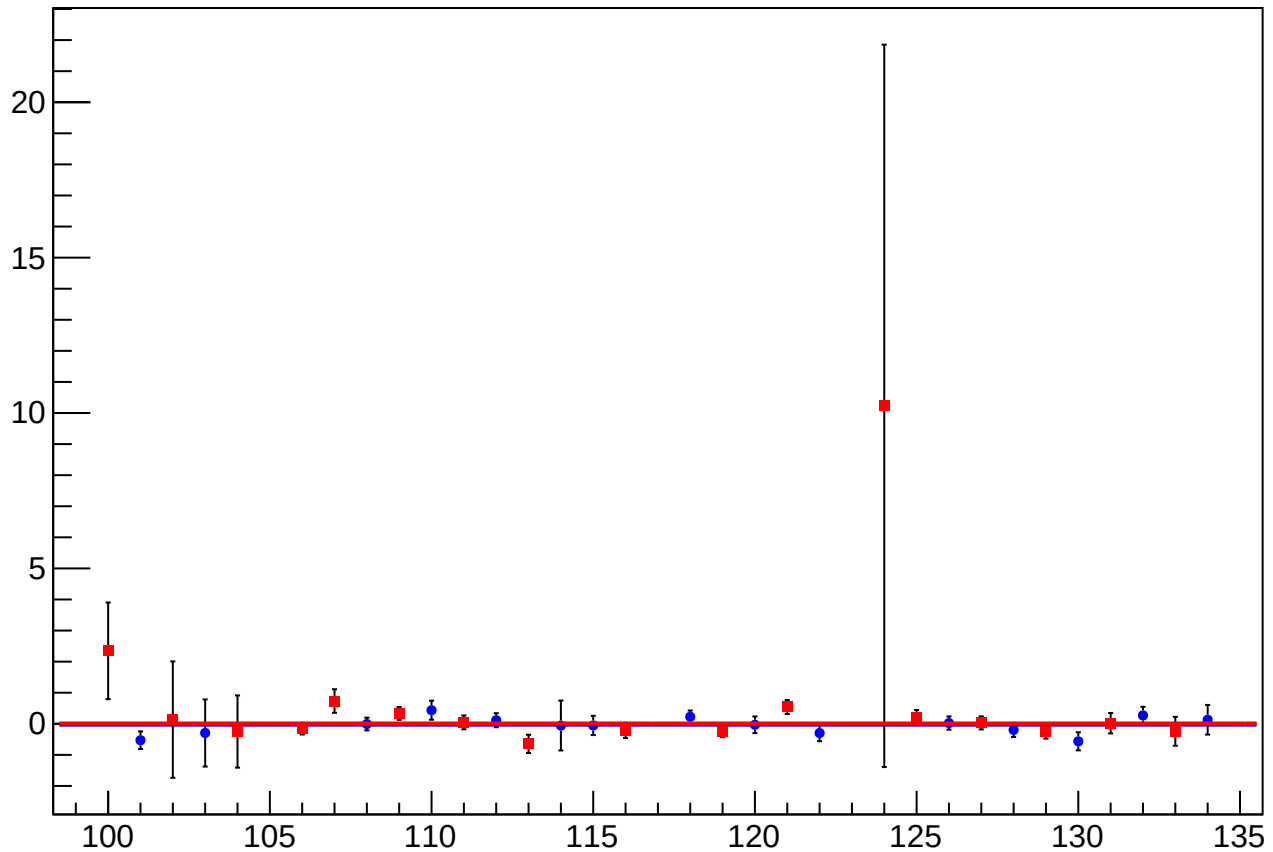
Right: 0.007+/-0.000 χ^2/NDF : 5757825.1/31

In: 0.008+/-0.000 χ^2/NDF :3047755.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5757825.1/31

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.066 χ^2/NDF : 25.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

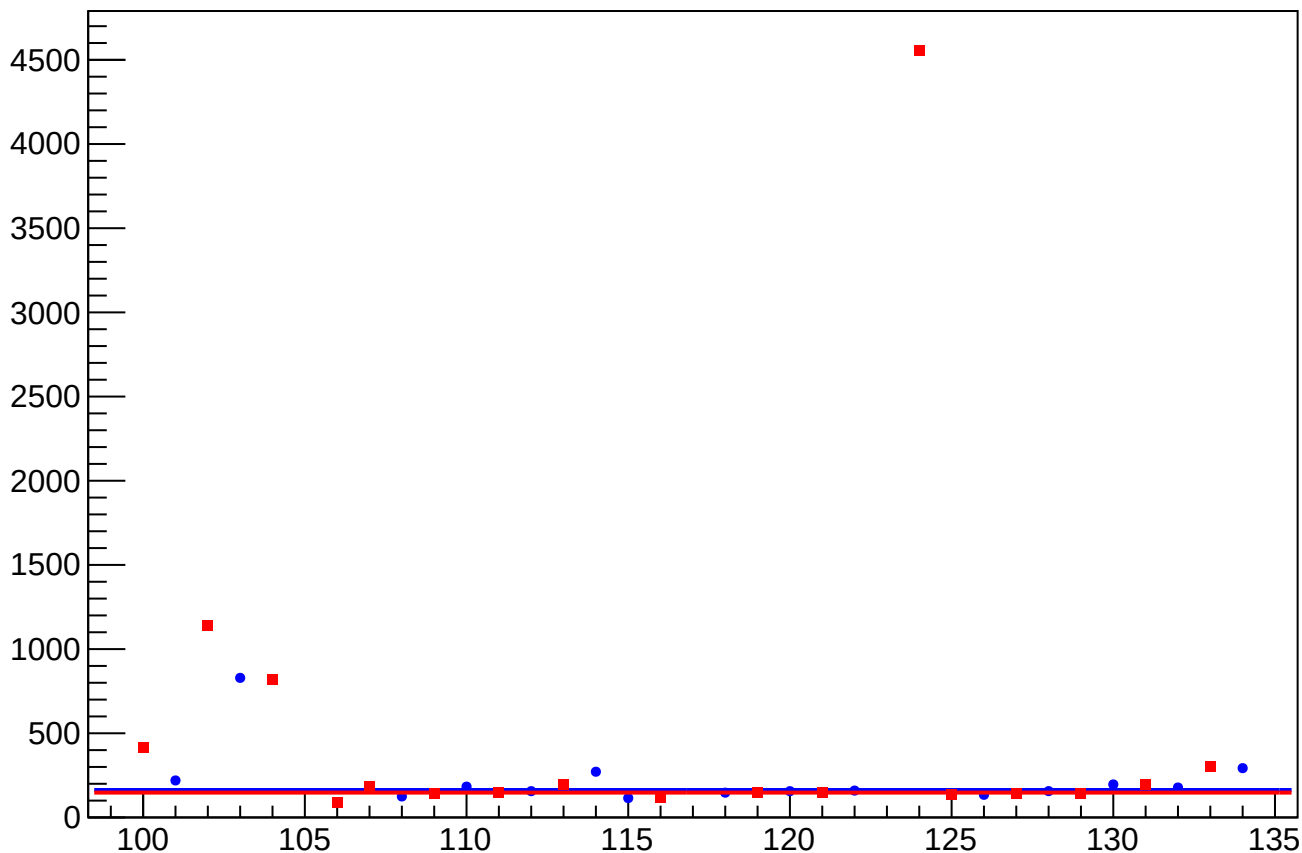
Right: -0.008 ± 0.048 χ^2/NDF : 39.3/31

In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.048 χ^2/NDF : 39.3/31

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.920+/-0.050 χ^2/NDF : 1234530.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.642+/-0.047 χ^2/NDF : 2156544.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

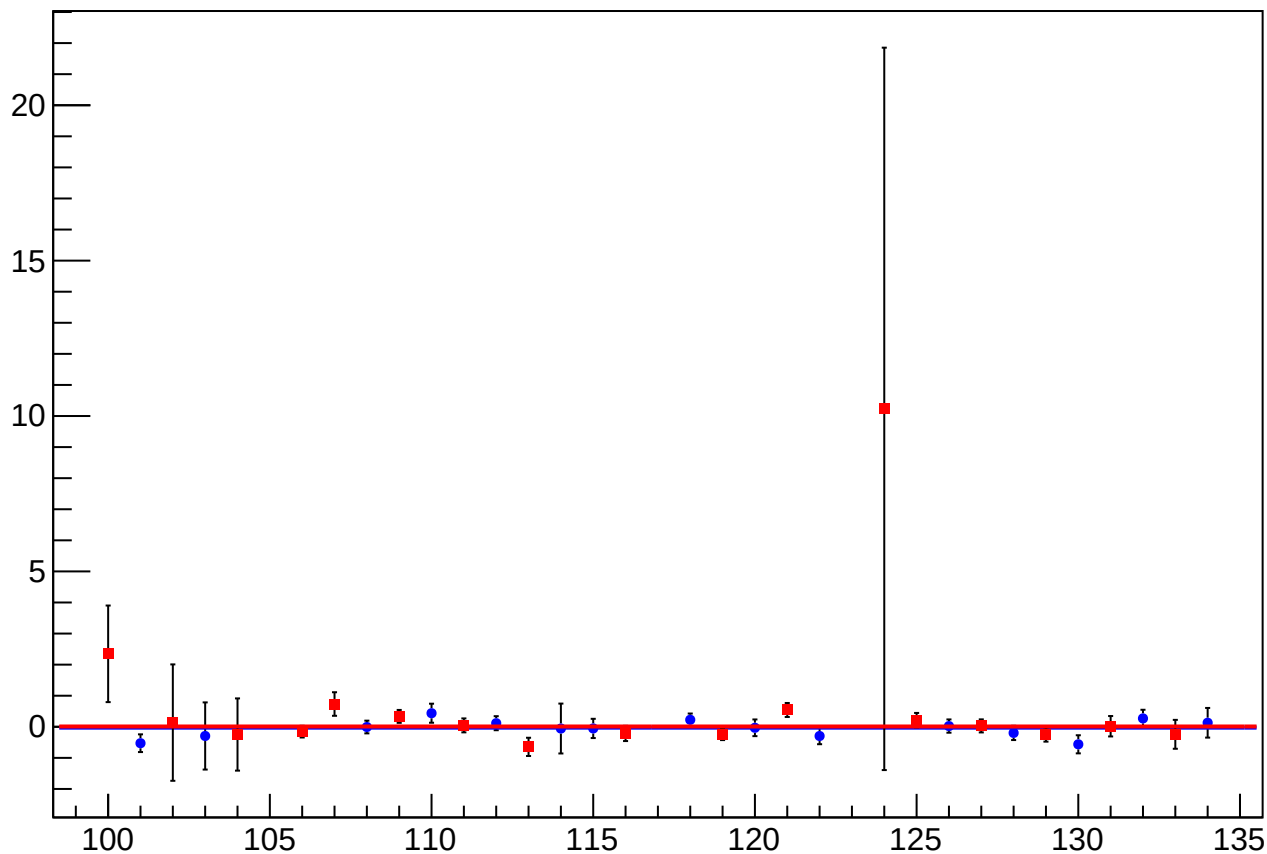
Right: 154.803+/-0.034 χ^2/NDF : 3441251.4/31

In: 162.920+/-0.050 χ^2/NDF : 1234530.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.803+/-0.034 χ^2/NDF : 3441251.4/31

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027+/-0.070 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.066 χ^2/NDF : 25.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

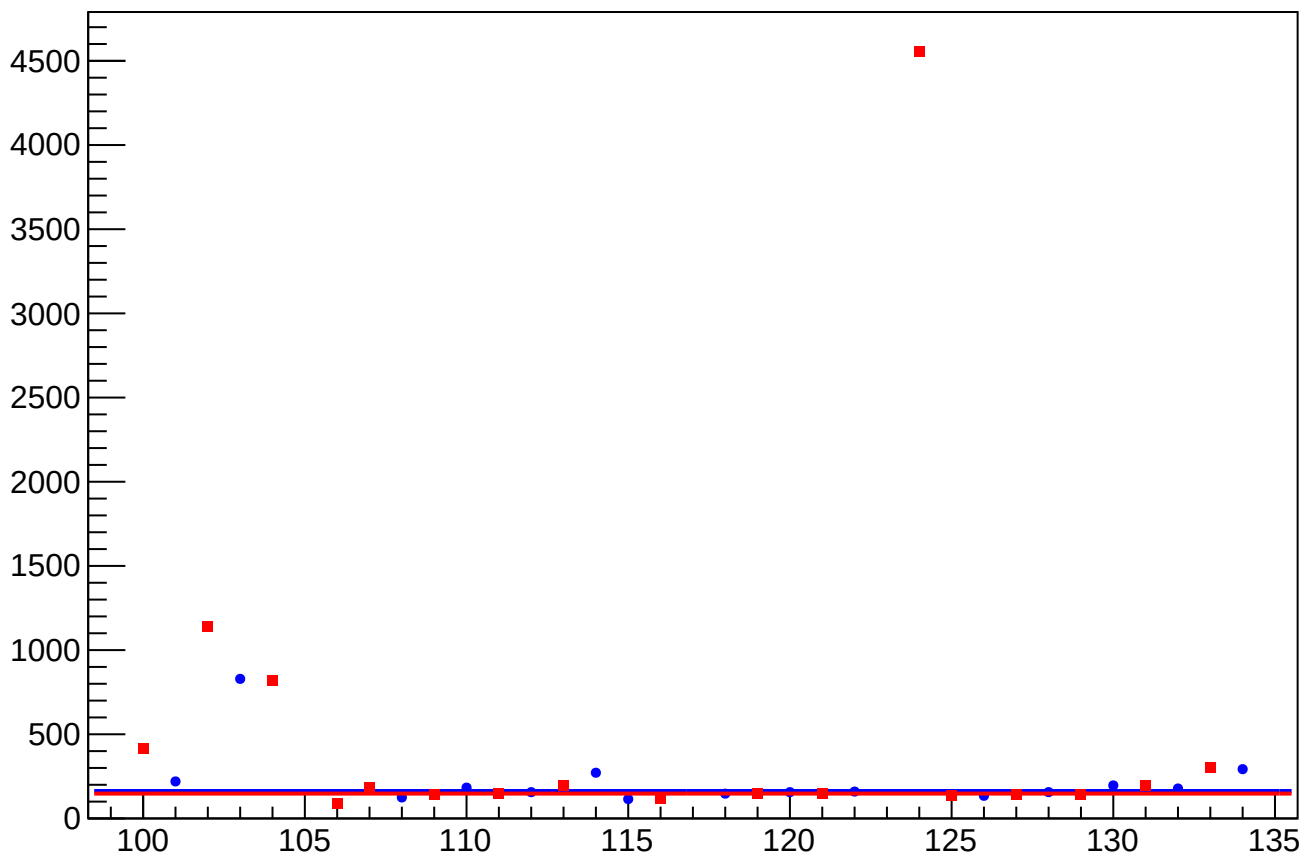
Right: -0.008+/-0.048 χ^2/NDF : 39.3/31

In: -0.027+/-0.070 χ^2/NDF : 13.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.048 χ^2/NDF : 39.3/31

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 162.920+/-0.050 χ^2/NDF : 1234530.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.642+/-0.047 χ^2/NDF : 2156544.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

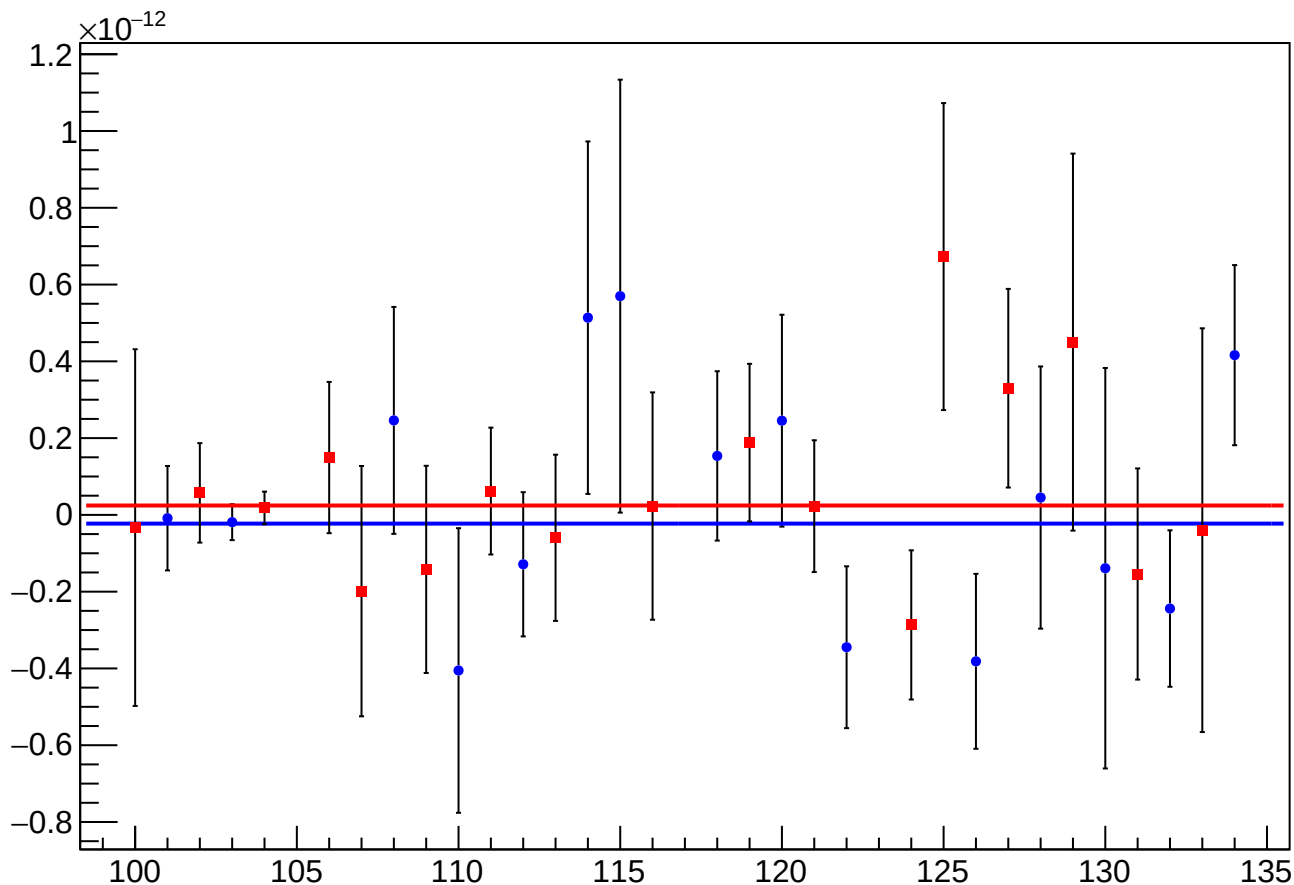
Right: 154.803+/-0.034 χ^2/NDF : 3441251.4/31

In: 162.920+/-0.050 χ^2/NDF : 1234530.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.803+/-0.034 χ^2/NDF : 3441251.4/31

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

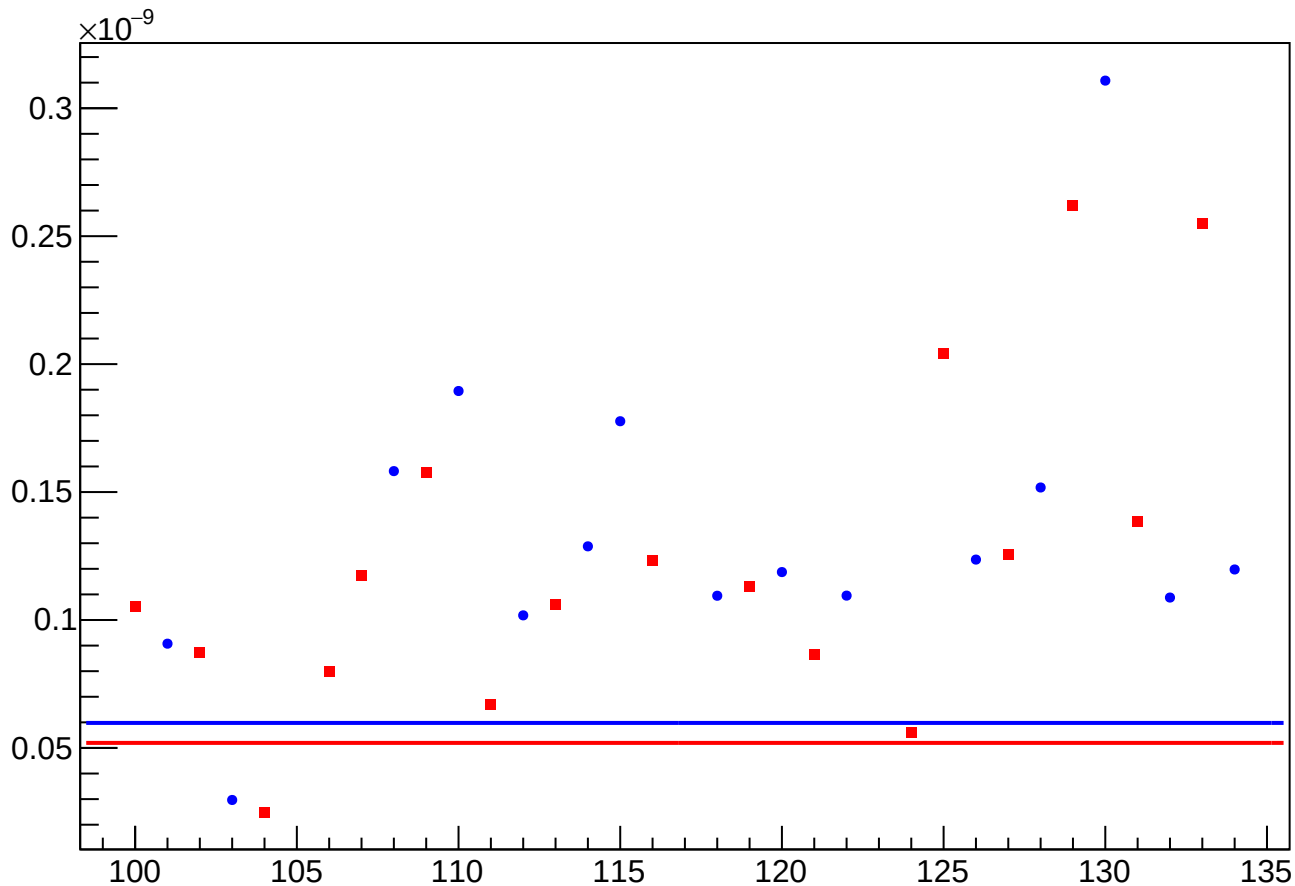
Right: 0.000+/-0.000 χ^2/NDF : 26.7/31

In: -0.000+/-0.000 χ^2/NDF : 15.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.7/31

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 : 2947205.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3261382.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

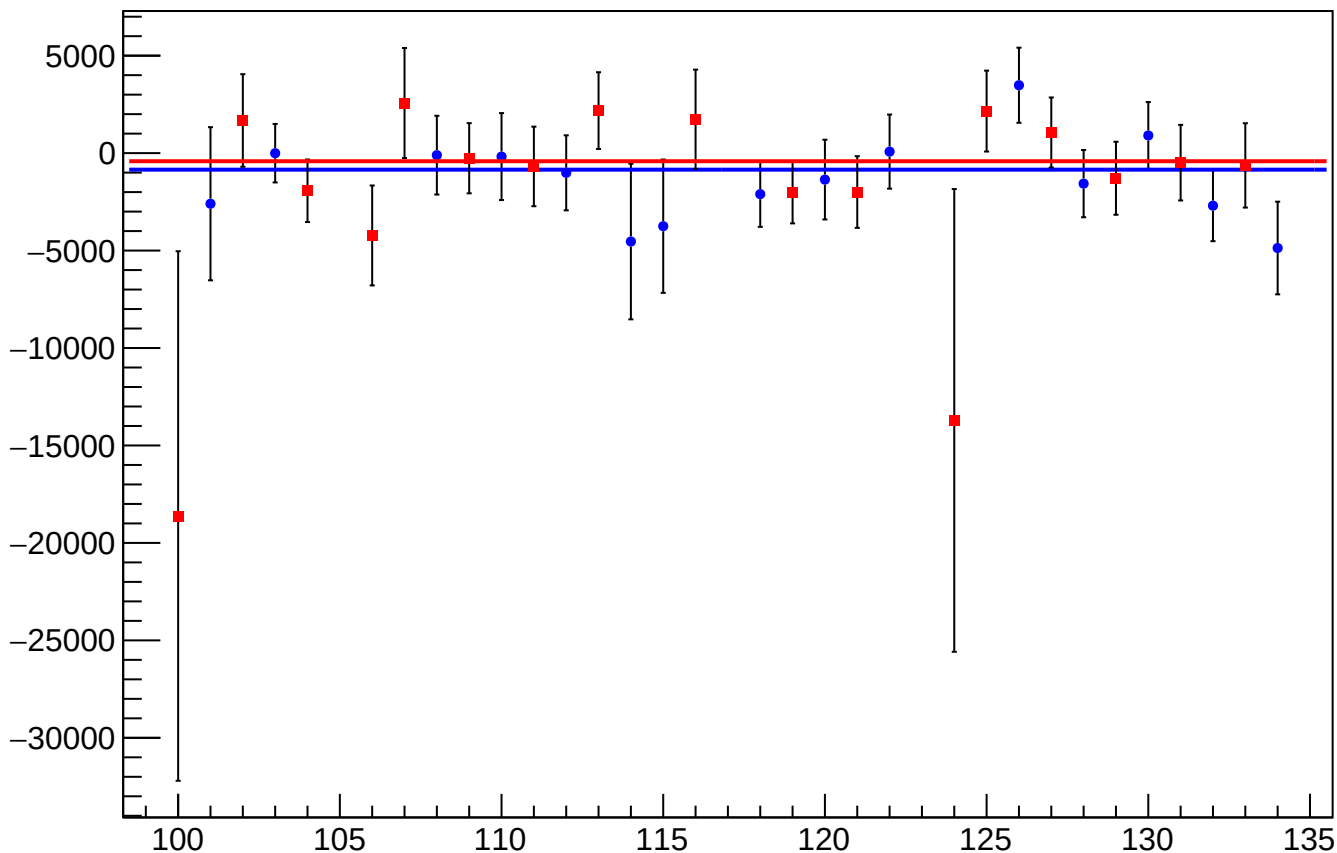
Right: 0.000+/-0.000 χ^2/NDF : 6255601.3/31

In: 0.000+/-0.000 χ^2/NDF : 2947205.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6255601.3/31

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -848.642+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.064+/-511.787 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

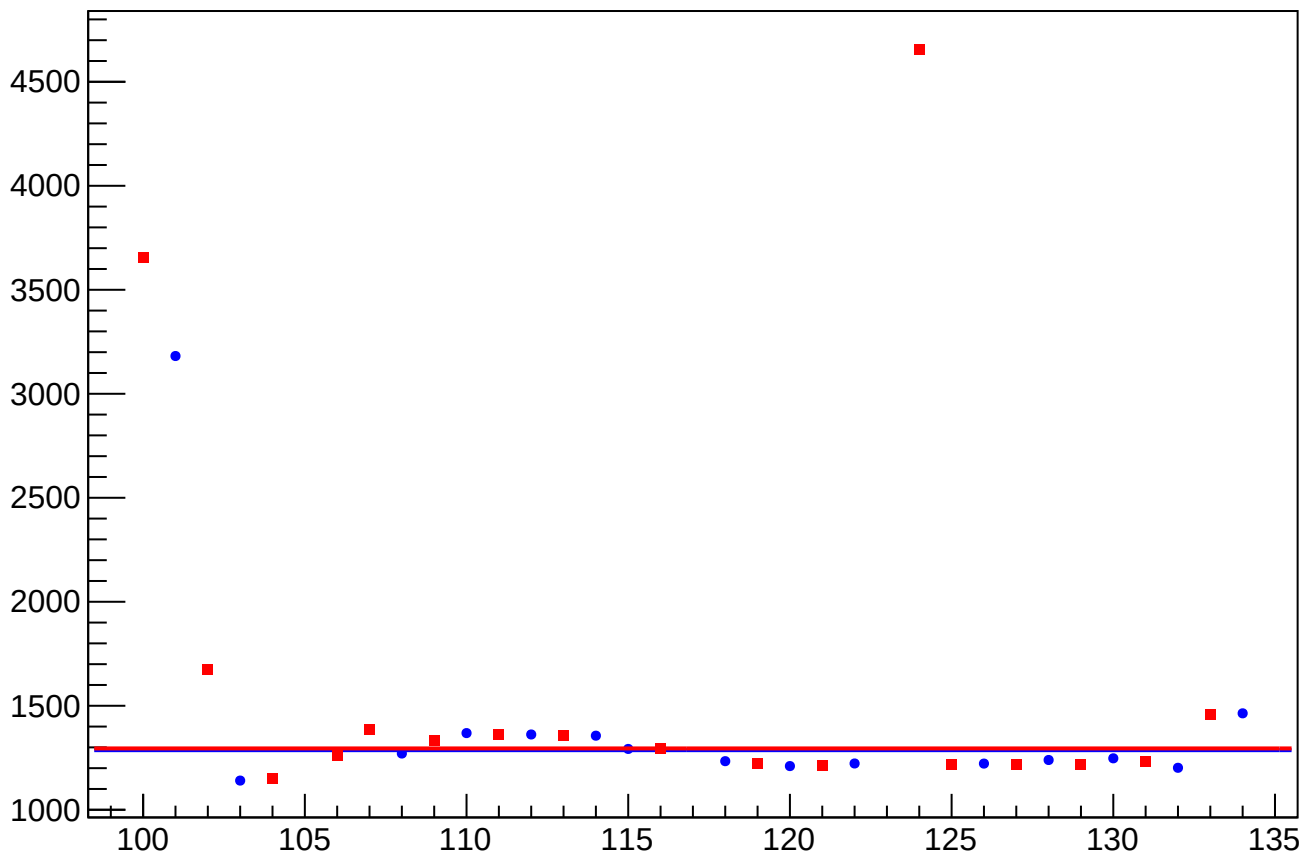
Right: -627.999+/-365.513 χ^2/NDF : 28.4/31

In: -848.642+/-522.196 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.999+/-365.513 χ^2/NDF : 28.4/31

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.575+/-0.369 χ^2/NDF : 518113.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.931+/-0.362 χ^2/NDF : 327826.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

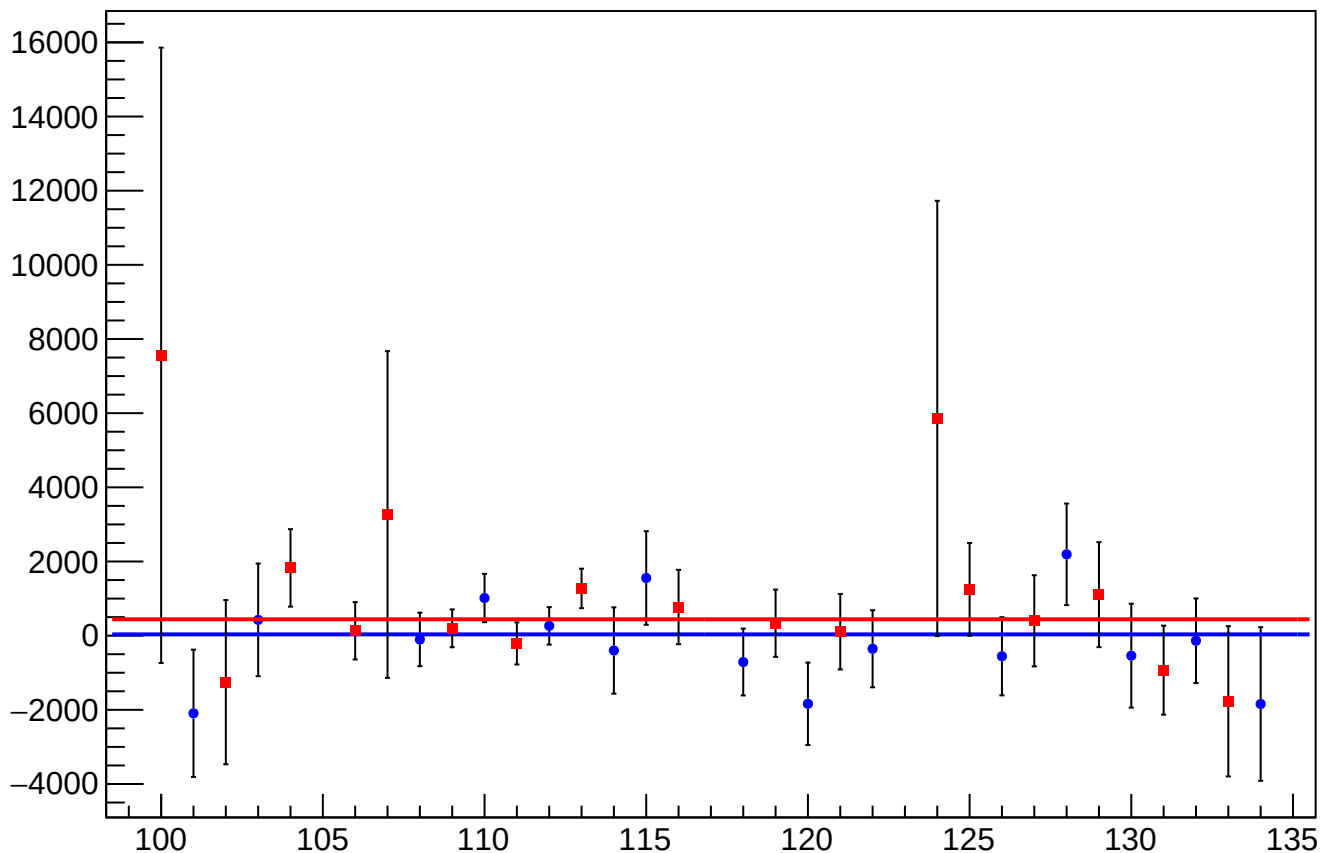
Right: 1290.837+/-0.258 χ^2/NDF : 846201.3/31

In: 1286.575+/-0.369 χ^2/NDF : 518113.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.837+/-0.258 χ^2/NDF : 846201.3/31

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 34.510+/-248.079 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.609+/-227.848 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

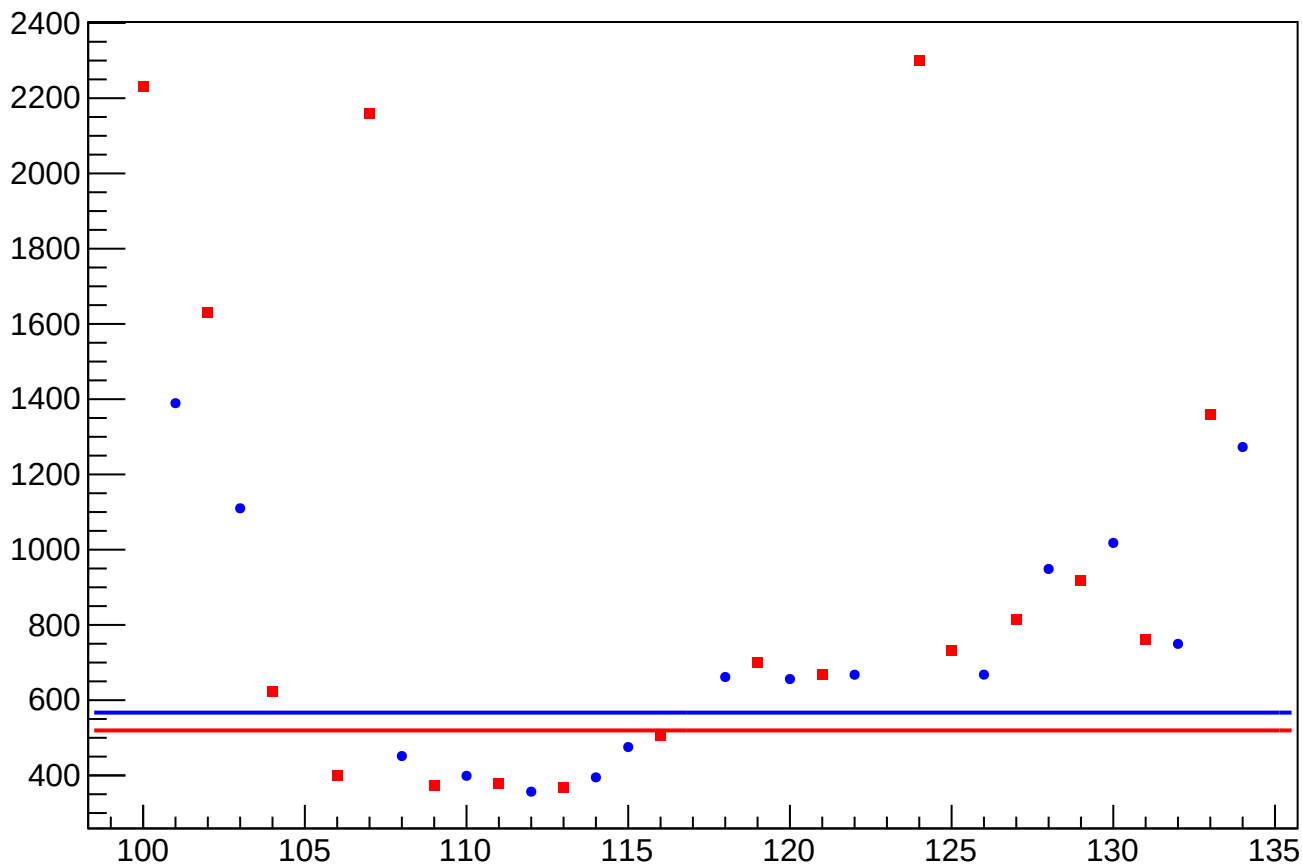
Right: 255.334+/-167.810 χ^2/NDF : 26.5/31

In: 34.510+/-248.079 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.334+/-167.810 χ^2/NDF : 26.5/31

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 566.946+/-0.175 χ^2/NDF : 2017605.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.572+/-0.161 χ^2/NDF : 2444739.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

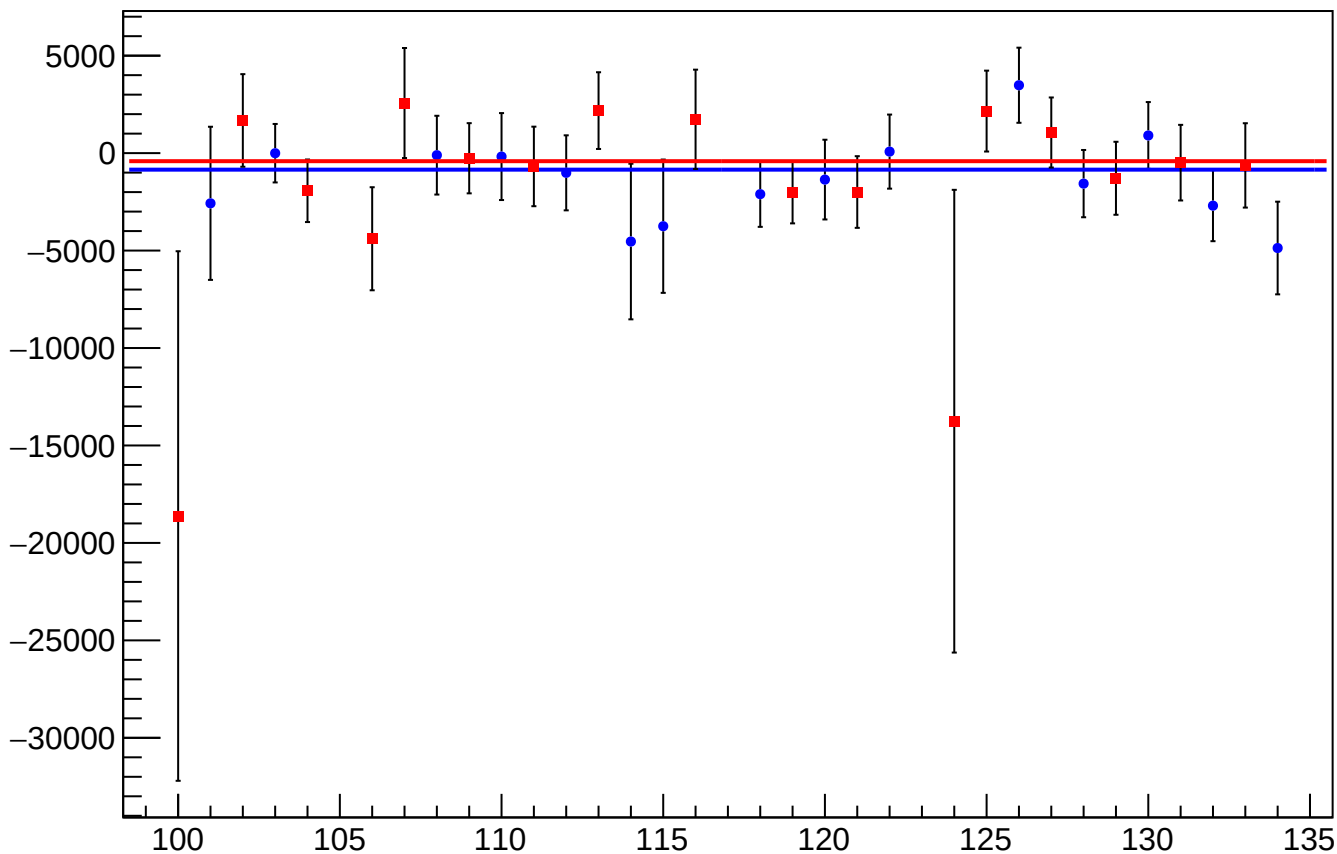
Right: 541.248+/-0.119 χ^2/NDF : 4501907.4/31

In: 566.946+/-0.175 χ^2/NDF : 2017605.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.248+/-0.119 χ^2/NDF : 4501907.4/31

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -413.469+/-512.399 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

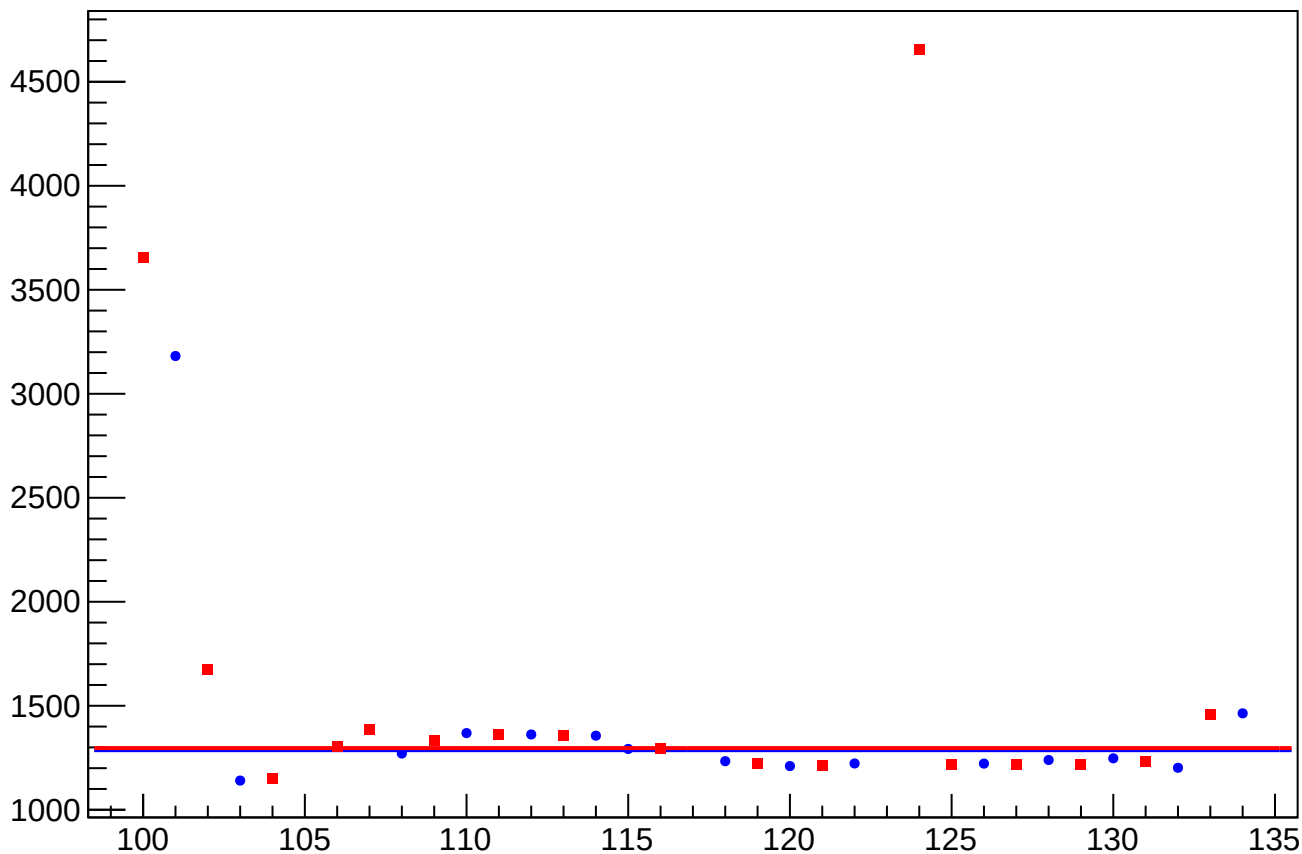
Right: -626.695+/-365.735 χ^2/NDF : 28.5/31

In: -848.154+/-522.196 χ^2/NDF :13.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -626.695+/-365.735 χ^2/NDF : 28.5/31

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

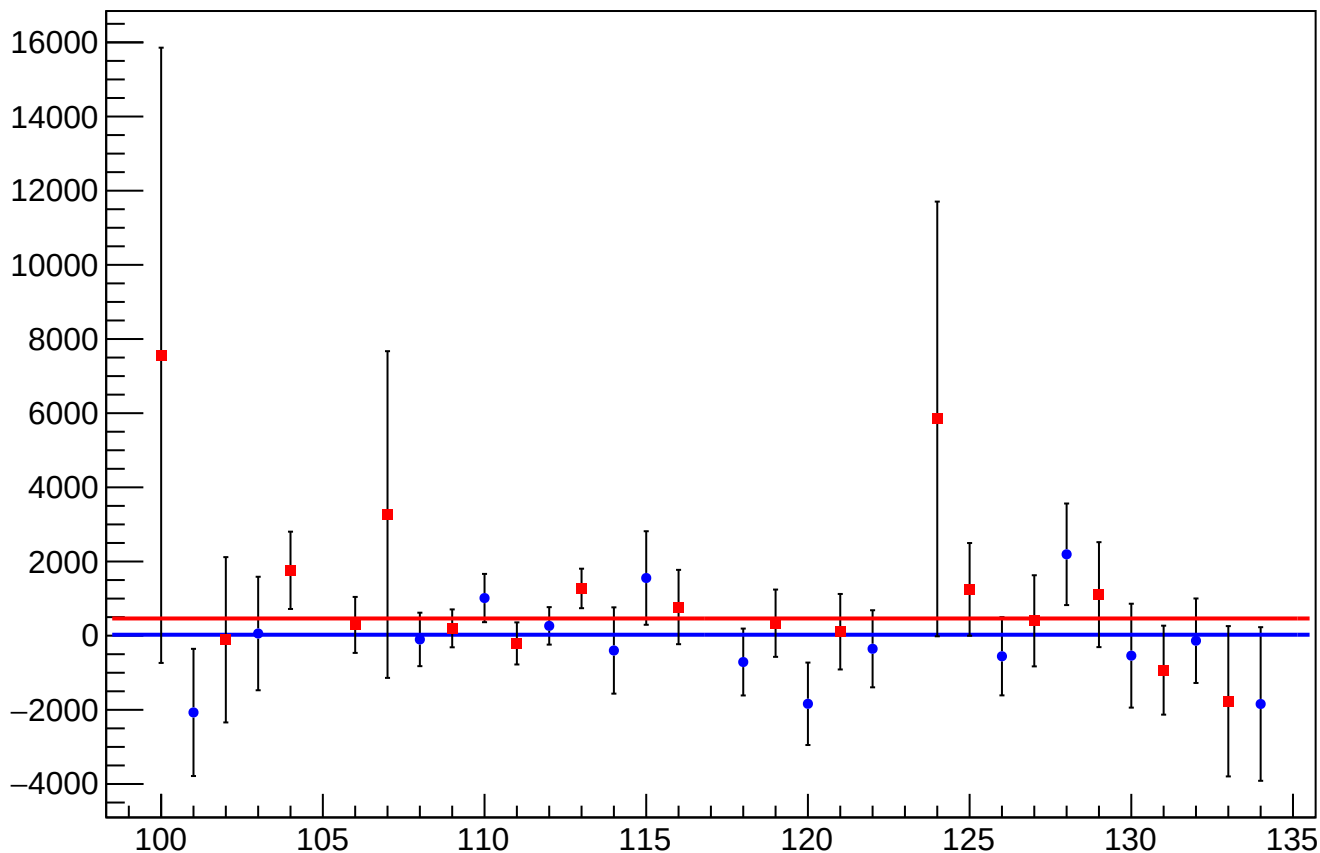
Right: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.749+/-227.363 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

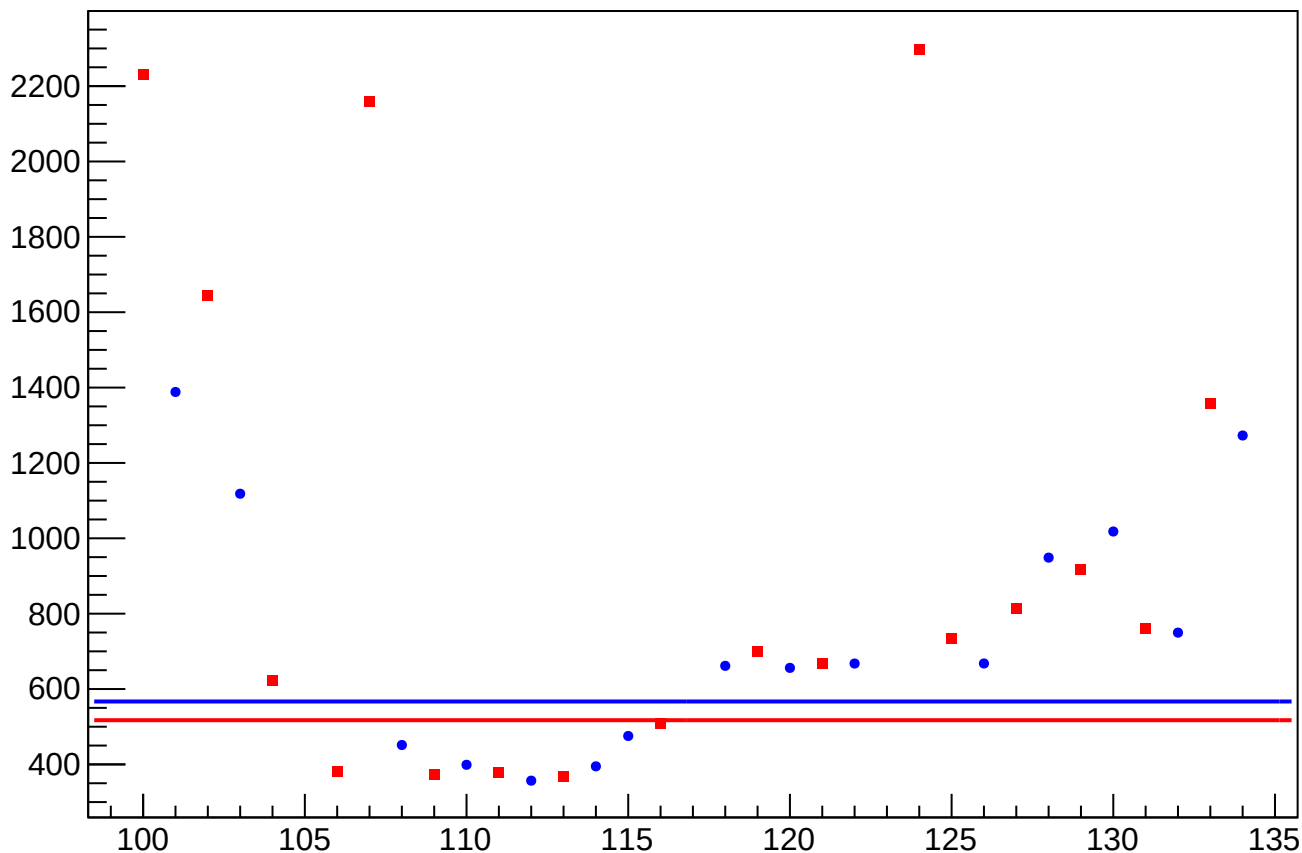
Right: 263.580+/-167.630 χ^2/NDF : 25.8/31

In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.580+/-167.630 χ^2/NDF : 25.8/31

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

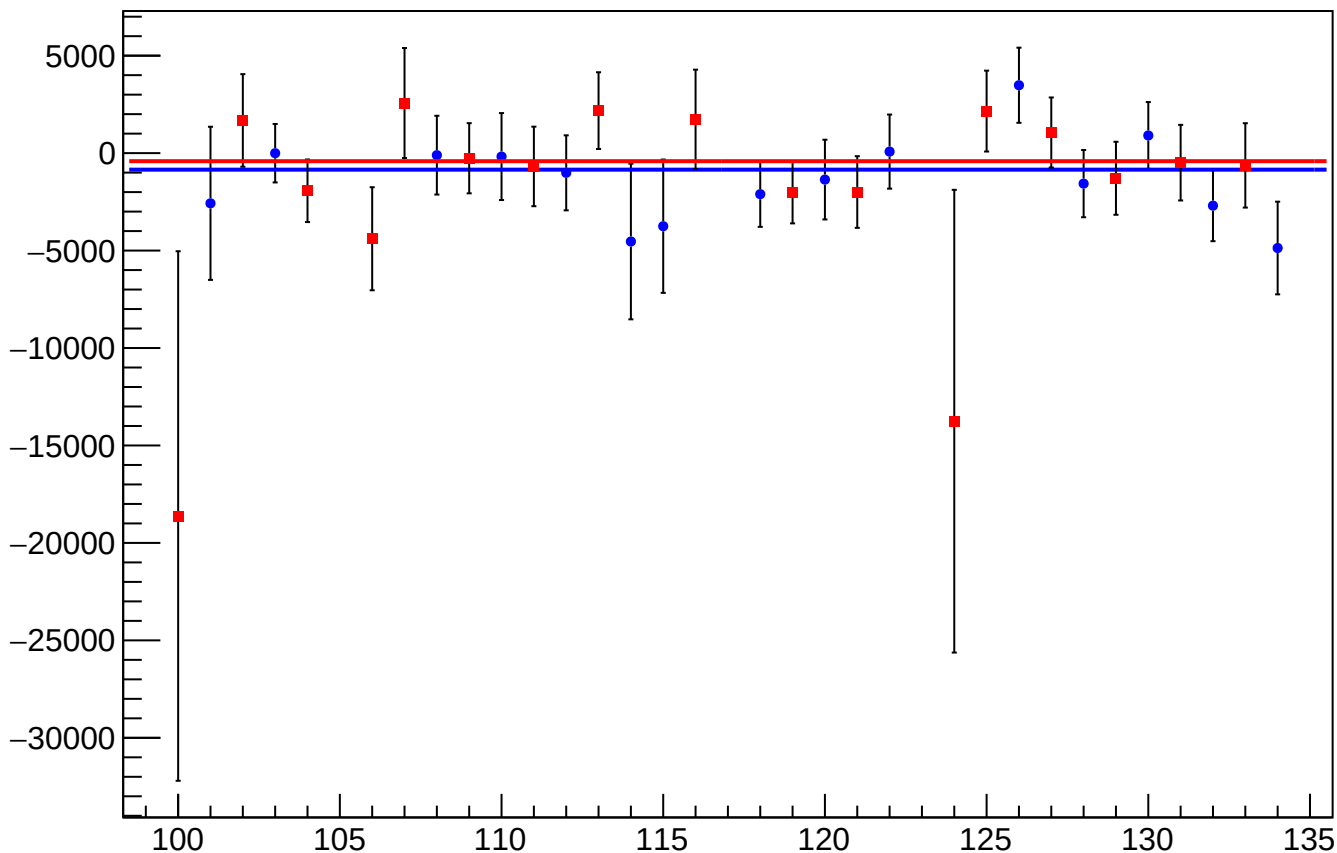
Right: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -413.469+/-512.399 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

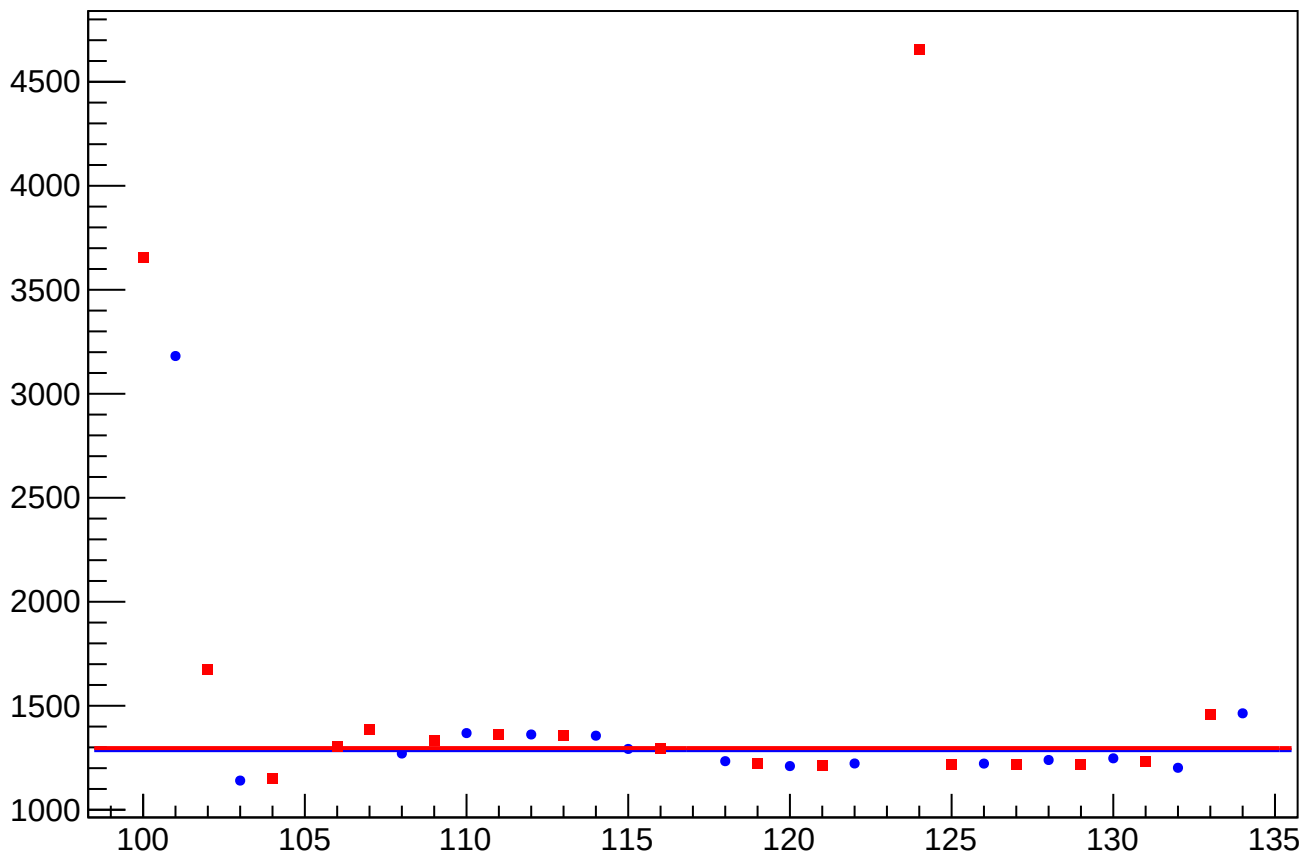
Right: -626.695+/-365.735 χ^2/NDF : 28.5/31

In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.695+/-365.735 χ^2/NDF : 28.5/31

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

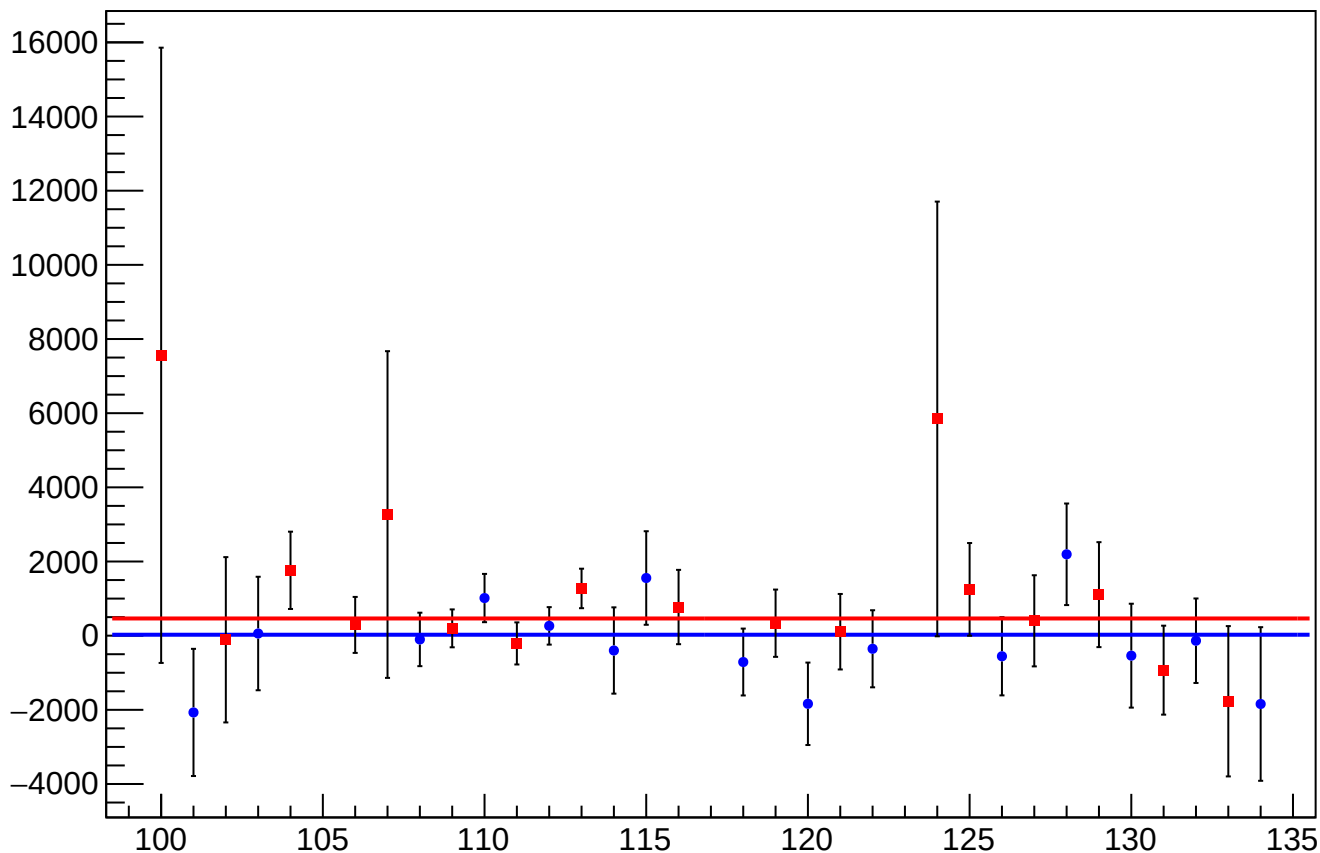
Right: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.749+/-227.363 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

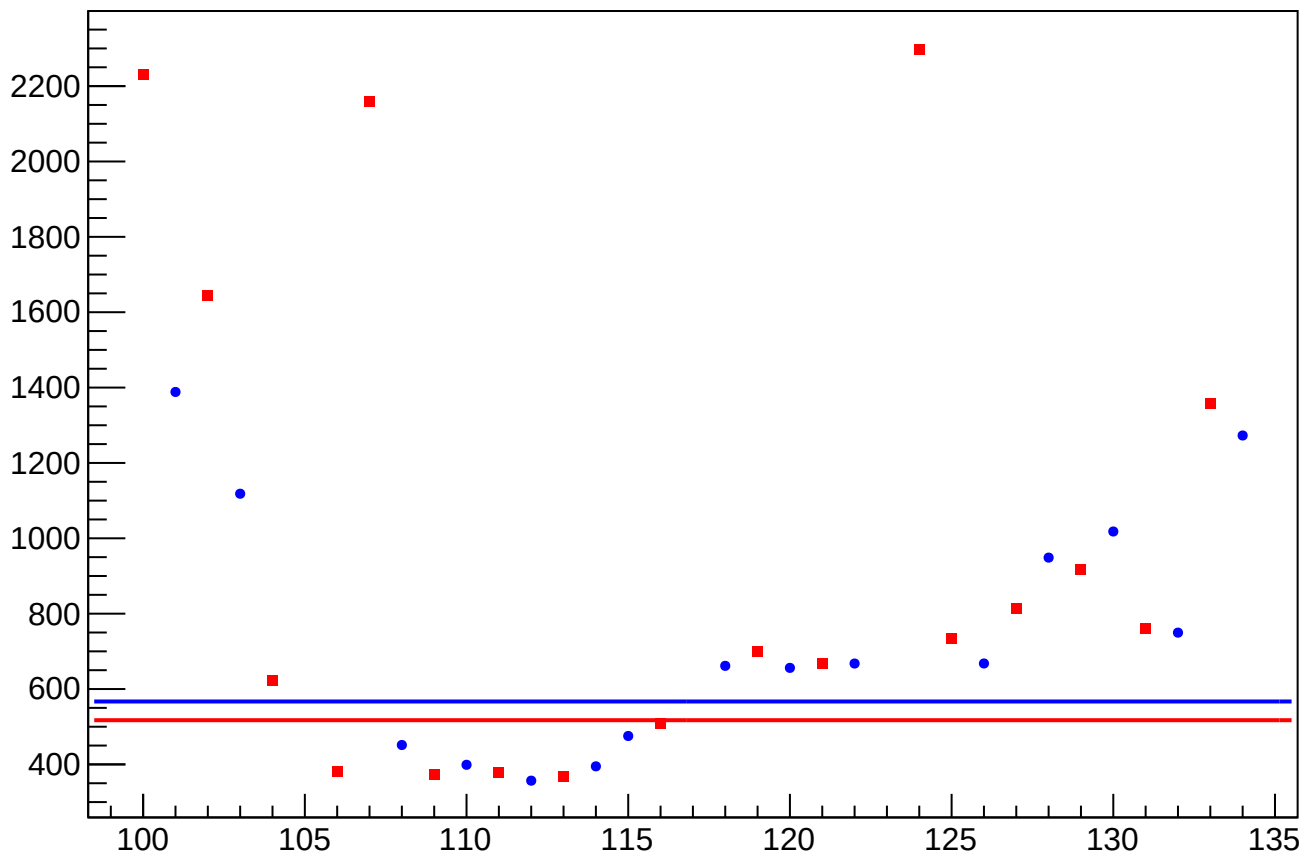
Right: 263.580+/-167.630 χ^2/NDF : 25.8/31

In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.580+/-167.630 χ^2/NDF : 25.8/31

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

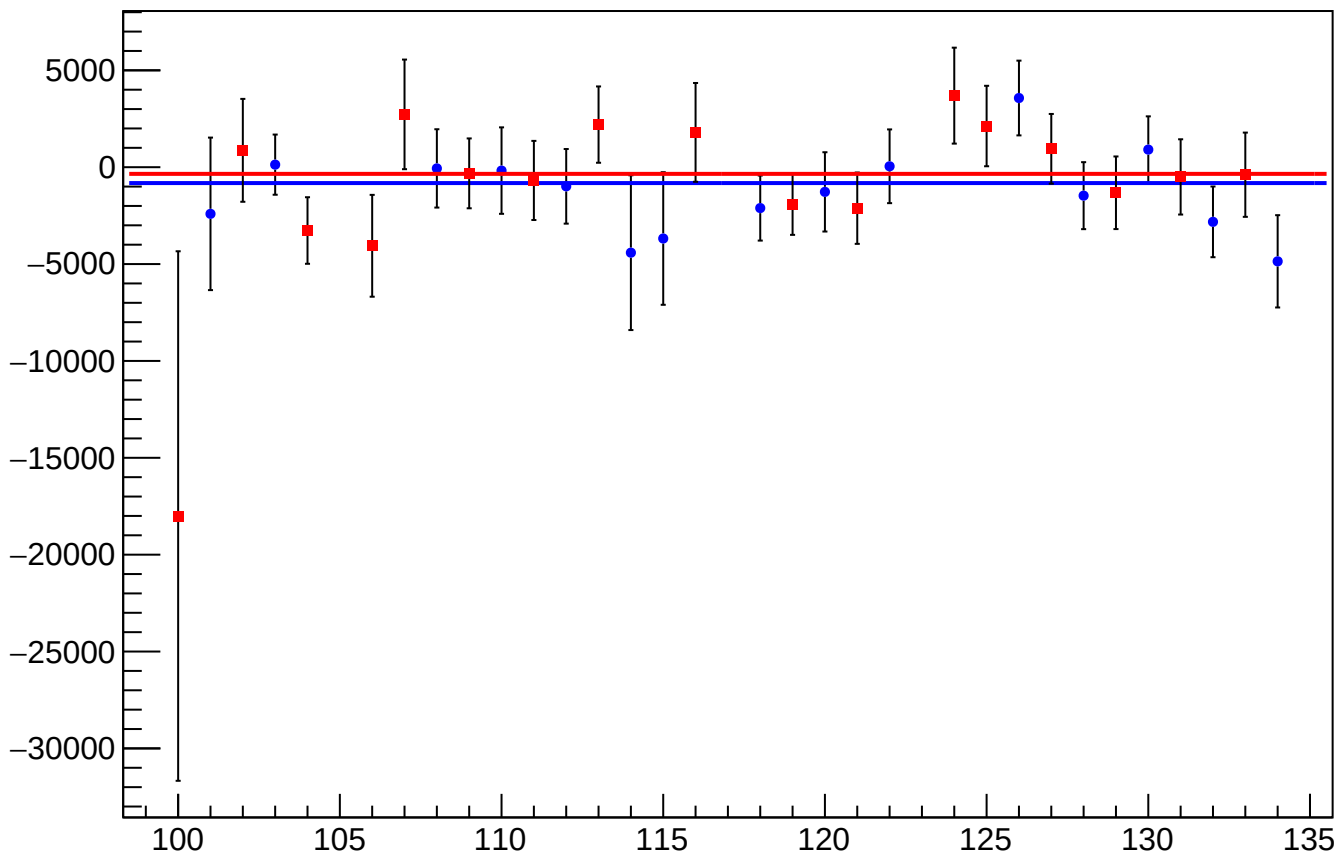
Right: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -819.264 $\pm$ 524.805 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -344.103 $\pm$ 508.049 χ^2 /NDF: 17.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

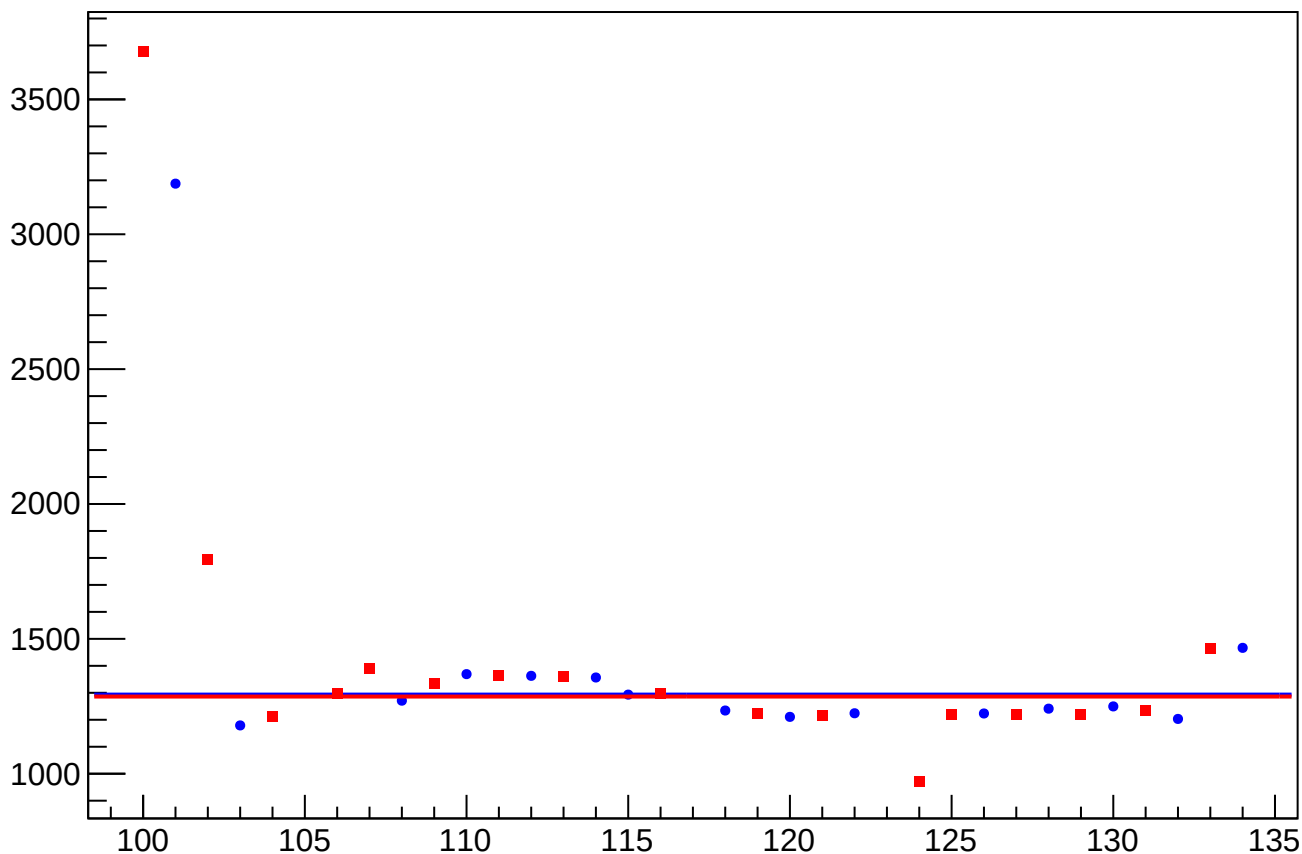
Right: -573.976 $\pm$ 365.025 χ^2 /NDF: 31.1/31

In: -819.264 $\pm$ 524.805 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -573.976 $\pm$ 365.025 χ^2 /NDF: 31.1/31

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1286.078+/-0.359 χ^2/NDF : 208756.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

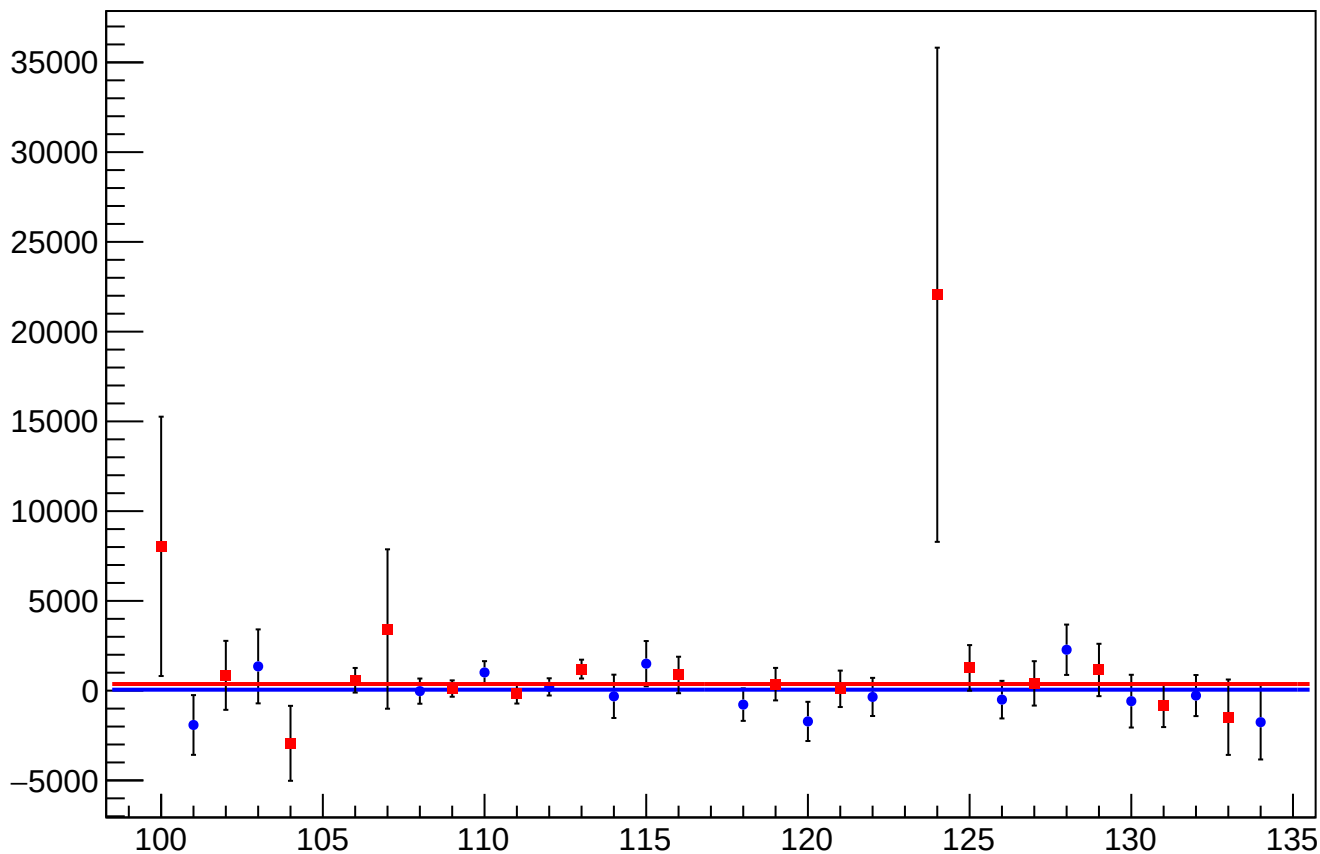
Right: 1289.581+/-0.258 χ^2/NDF : 718267.2/31

In: 1293.320+/-0.371 χ^2/NDF :509314.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1289.581+/-0.258 χ^2/NDF : 718267.2/31

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 53.068+/-245.148 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.222+/-220.983 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

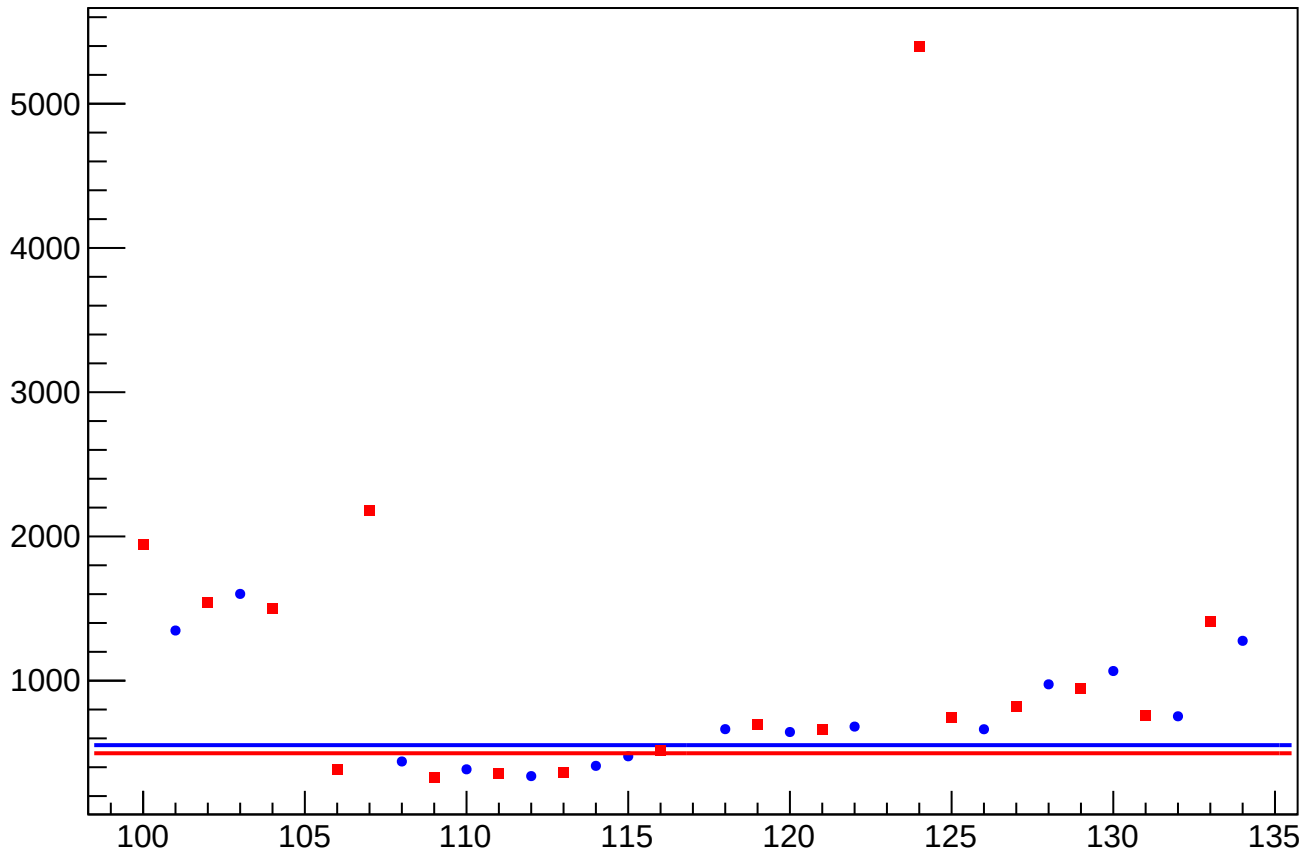
Right: 227.491+/-164.139 χ^2/NDF : 27.6/31

In: 53.068+/-245.148 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.491+/-164.139 χ^2/NDF : 27.6/31

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 553.060+/-0.173 χ^2/NDF : 2428331.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.853+/-0.156 χ^2/NDF : 3304215.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

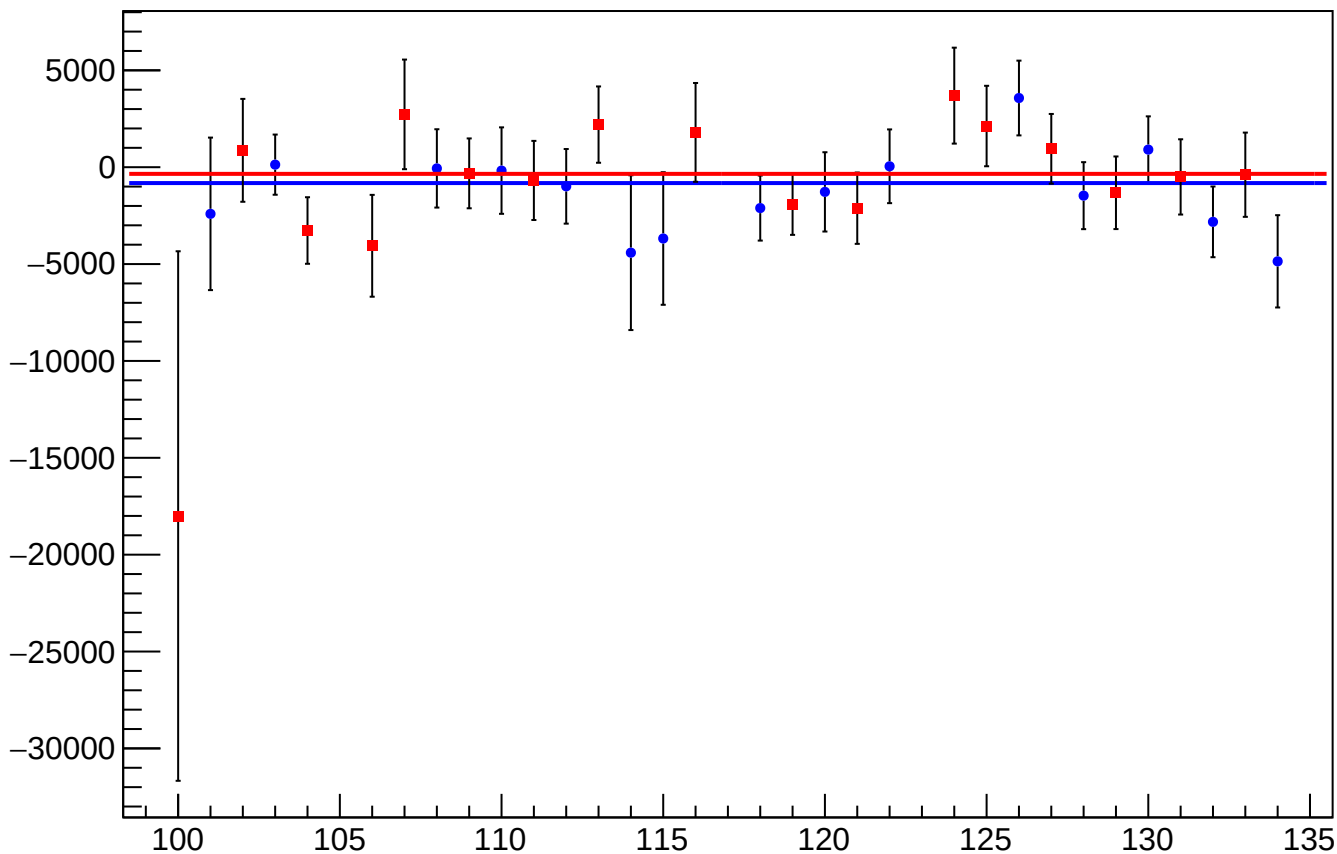
Right: 522.050+/-0.116 χ^2/NDF : 5790551.4/31

In: 553.060+/-0.173 χ^2/NDF : 2428331.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.050+/-0.116 χ^2/NDF : 5790551.4/31

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -819.261 $\pm$ 524.805 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -344.103 $\pm$ 508.049 χ^2 /NDF: 17.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

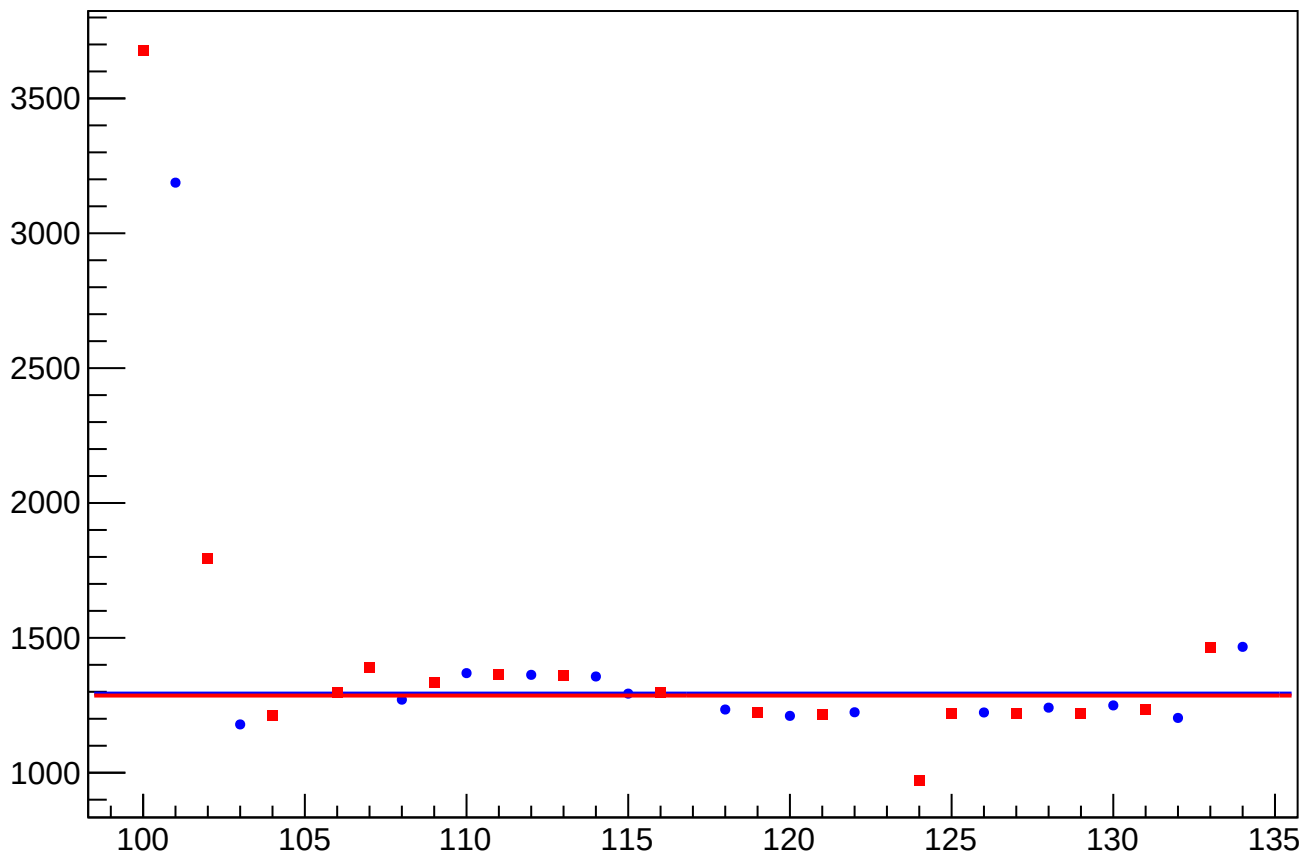
Right: -573.976 $\pm$ 365.025 χ^2 /NDF: 31.1/31

In: -819.261 $\pm$ 524.805 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -573.976 $\pm$ 365.025 χ^2 /NDF: 31.1/31

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.078+/-0.359 χ^2/NDF : 208756.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

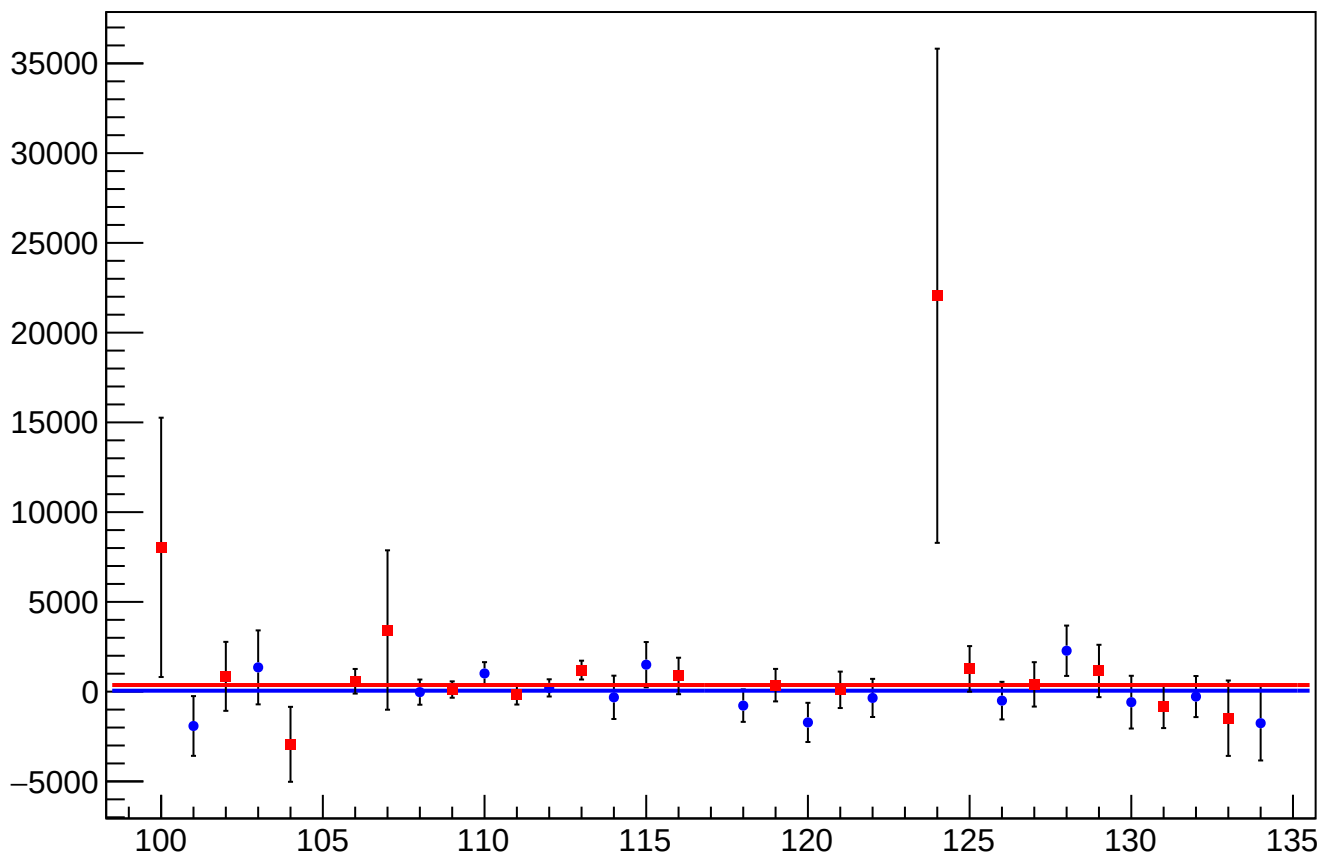
Right: 1289.581+/-0.258 χ^2/NDF : 718267.5/31

In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.581+/-0.258 χ^2/NDF : 718267.5/31

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 53.068+/-245.146 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.221+/-220.983 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

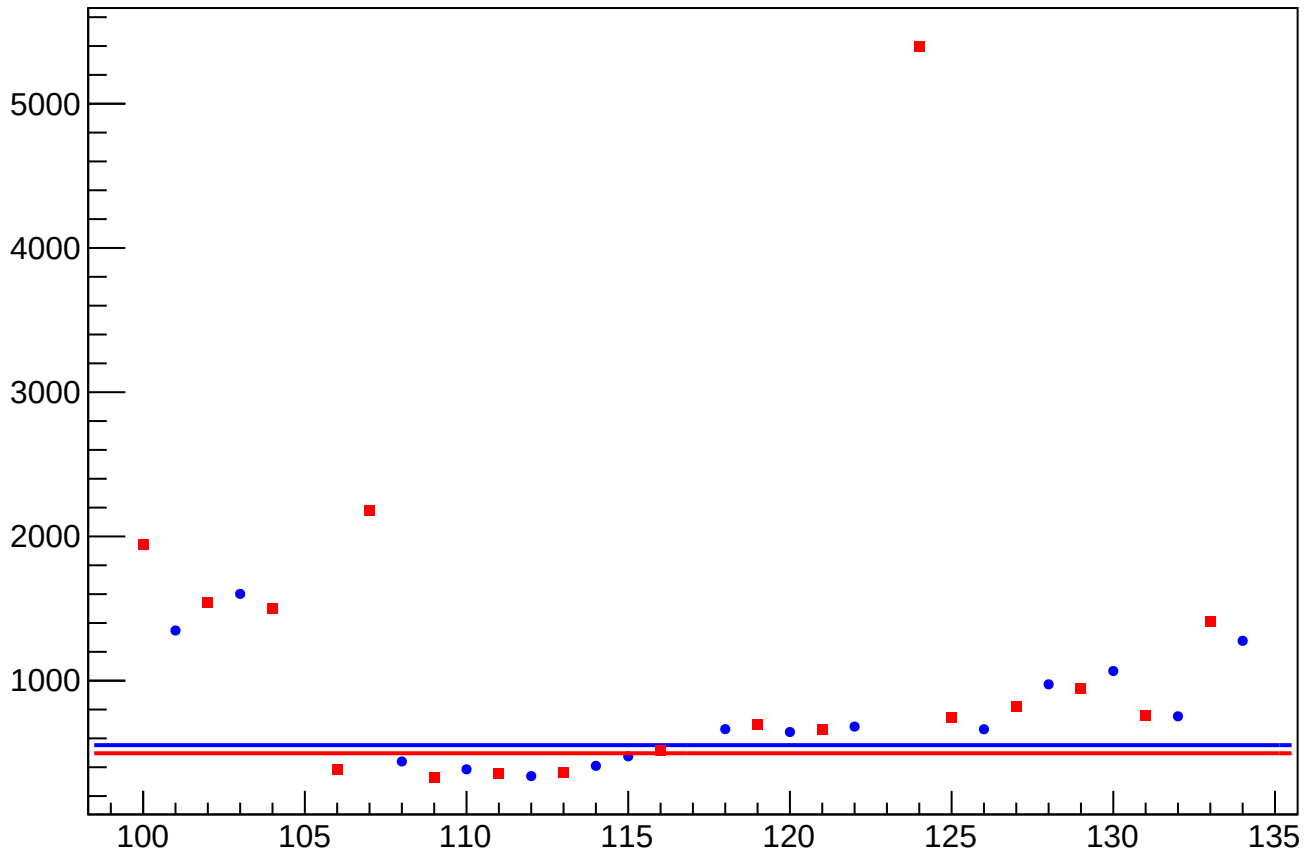
Right: 227.490+/-164.138 χ^2/NDF : 27.6/31

In: 53.068+/-245.146 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.490+/-164.138 χ^2/NDF : 27.6/31

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 553.057 $\pm$ 0.173 χ^2/NDF : 2428338.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 496.851 $\pm$ 0.156 χ^2/NDF : 3304223.2/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

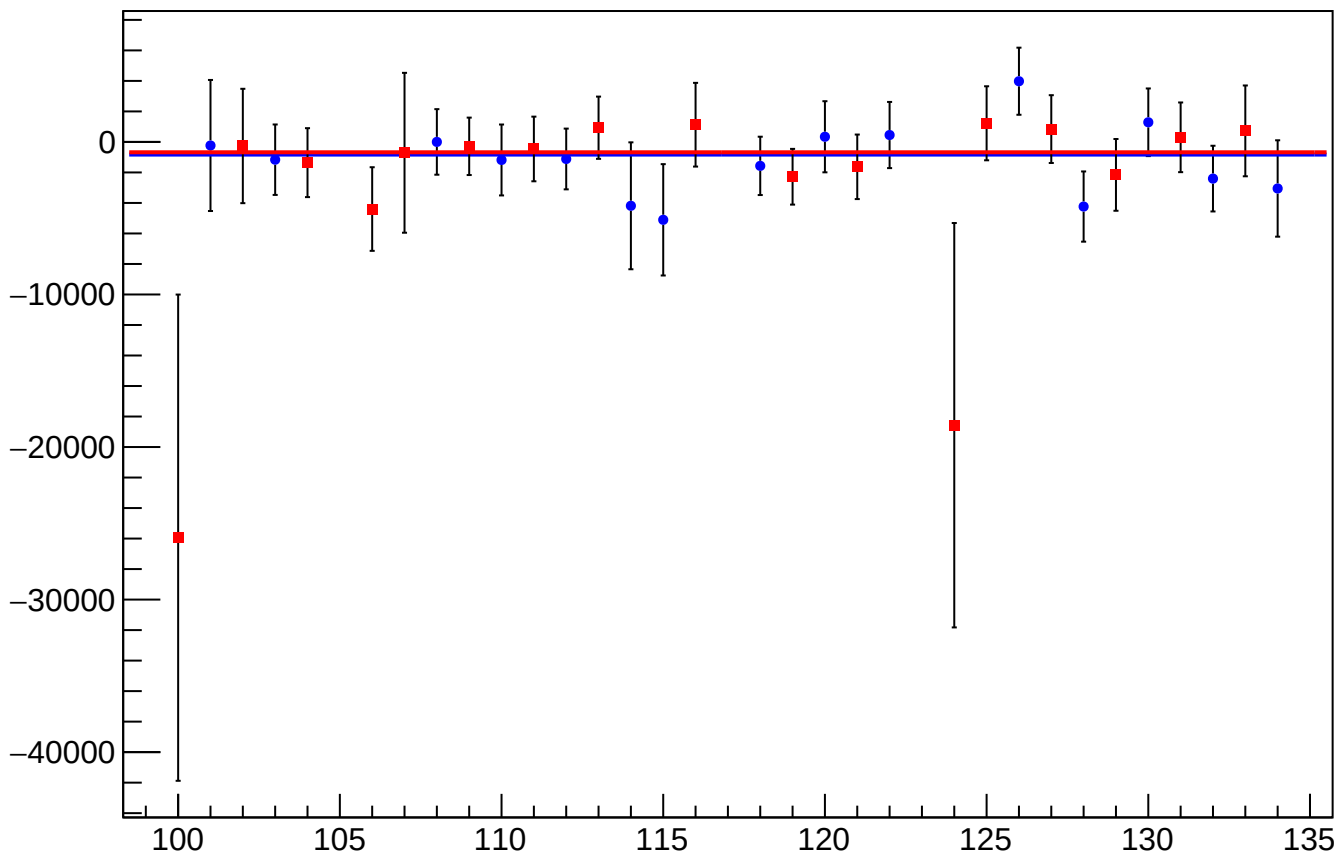
Right: 522.048 $\pm$ 0.116 χ^2/NDF : 5790563.5/31

In: 553.057 $\pm$ 0.173 χ^2/NDF :2428338.2/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 522.048 $\pm$ 0.116 χ^2/NDF : 5790563.5/31

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -829.058+/-618.557 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -678.558+/-607.974 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

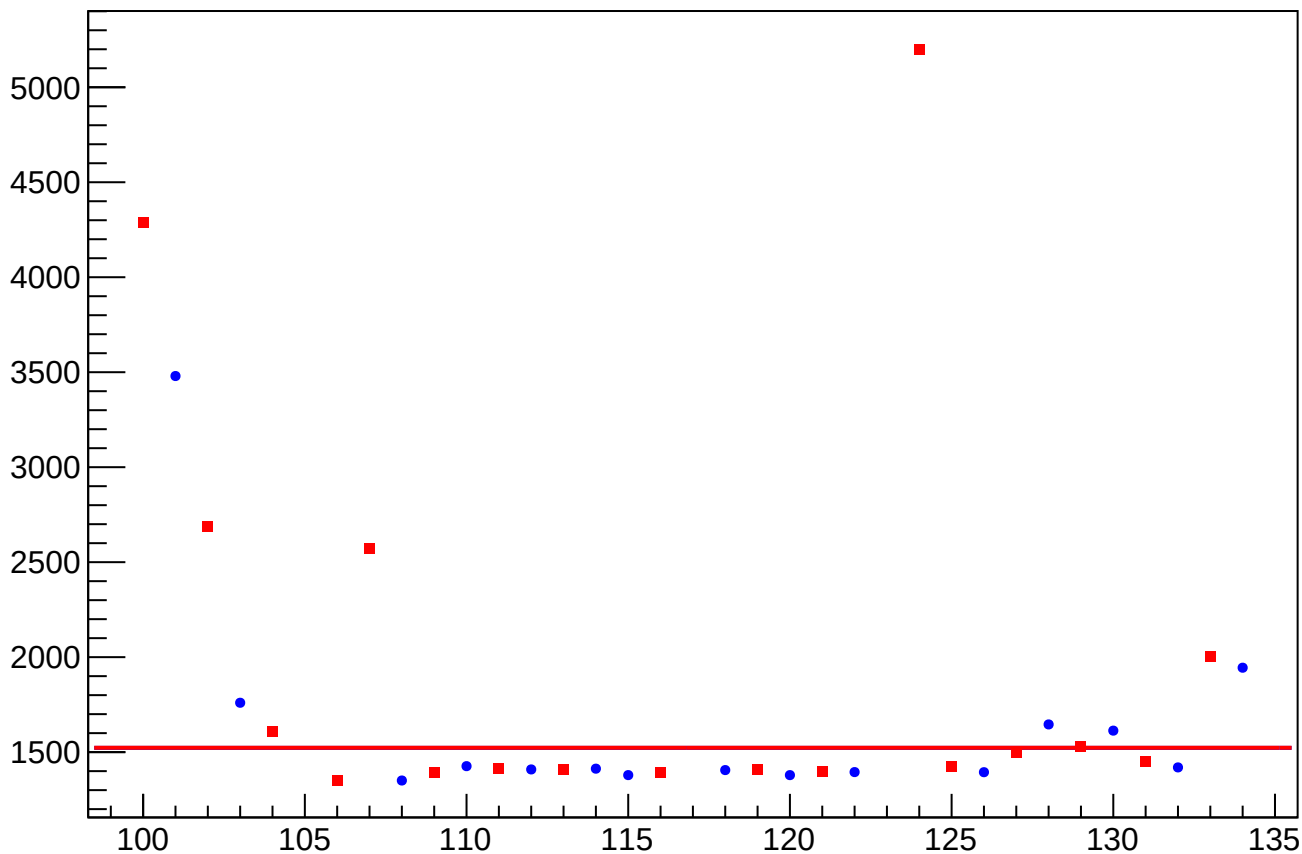
Right: -752.509+/-433.596 χ^2/NDF : 22.2/31

In: -829.058+/-618.557 χ^2/NDF :11.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -752.509+/-433.596 χ^2/NDF : 22.2/31

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1522.389+/-0.437 χ^2/NDF : 541714.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.038+/-0.430 χ^2/NDF : 594813.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

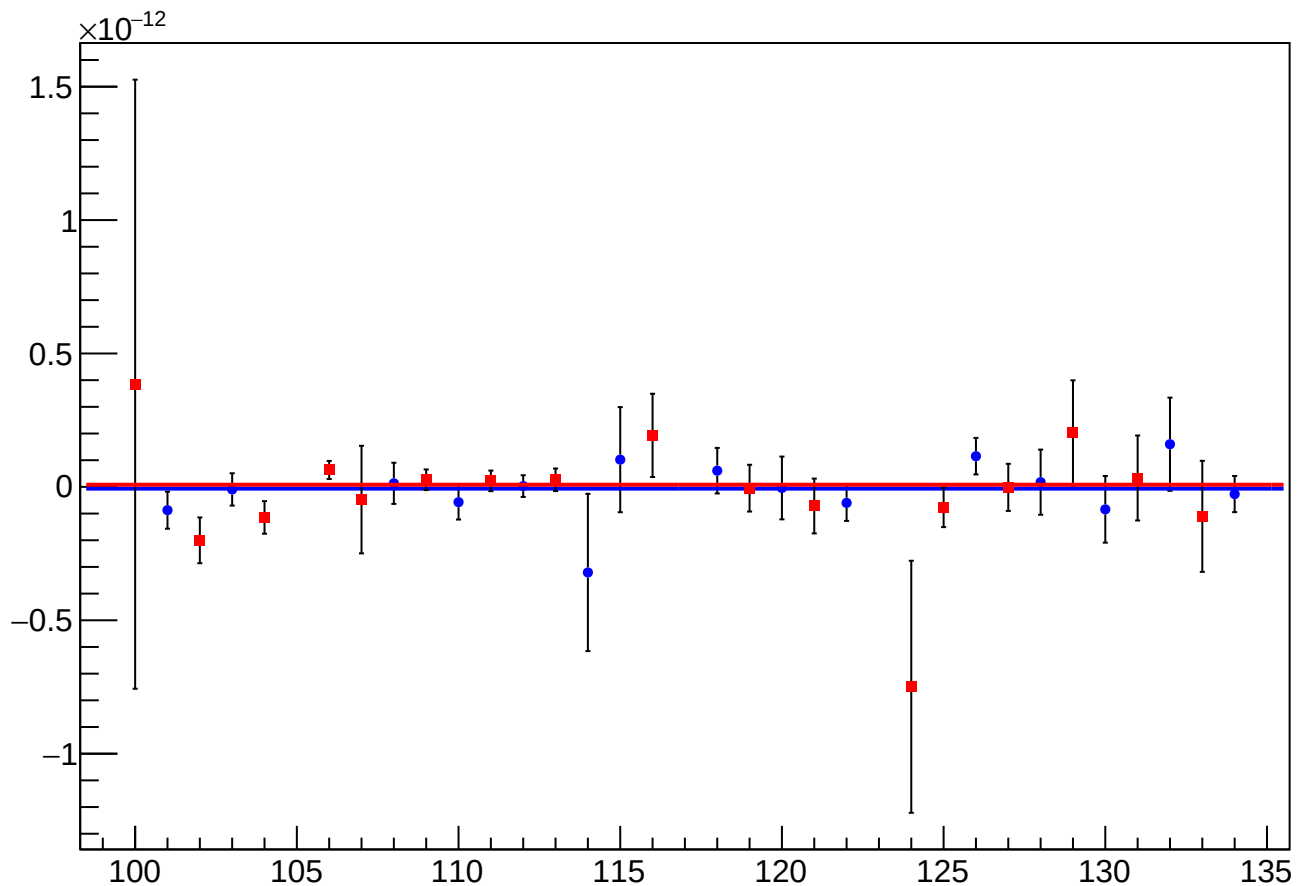
Right: 1522.719+/-0.307 χ^2/NDF : 1136528.9/31

In: 1522.389+/-0.437 χ^2/NDF : 541714.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.719+/-0.307 χ^2/NDF : 1136528.9/31

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 20.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

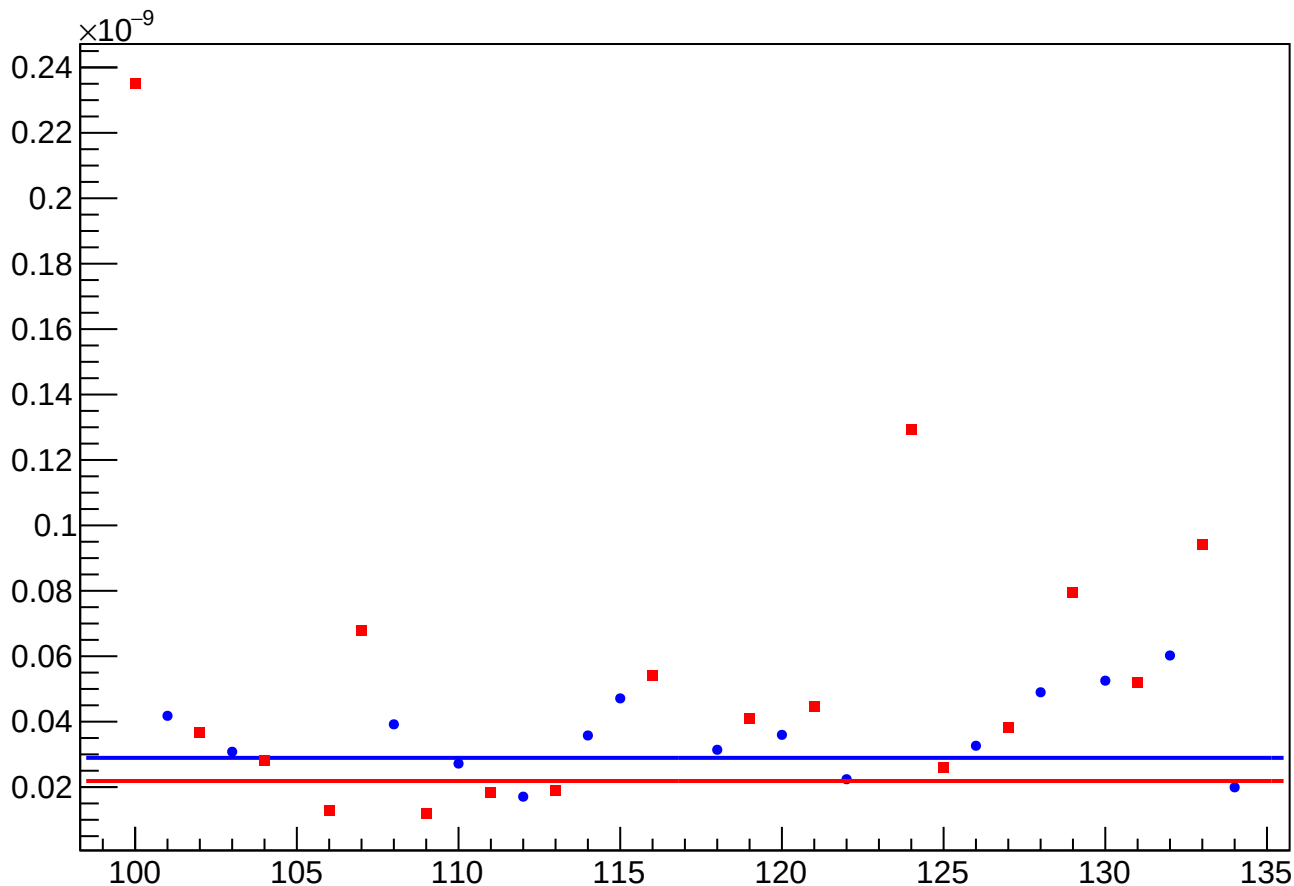
Right: 0.000+/-0.000 χ^2 /NDF: 30.3/31

In: -0.000+/-0.000 χ^2 /NDF:9.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 30.3/31

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 553468.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1500598.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

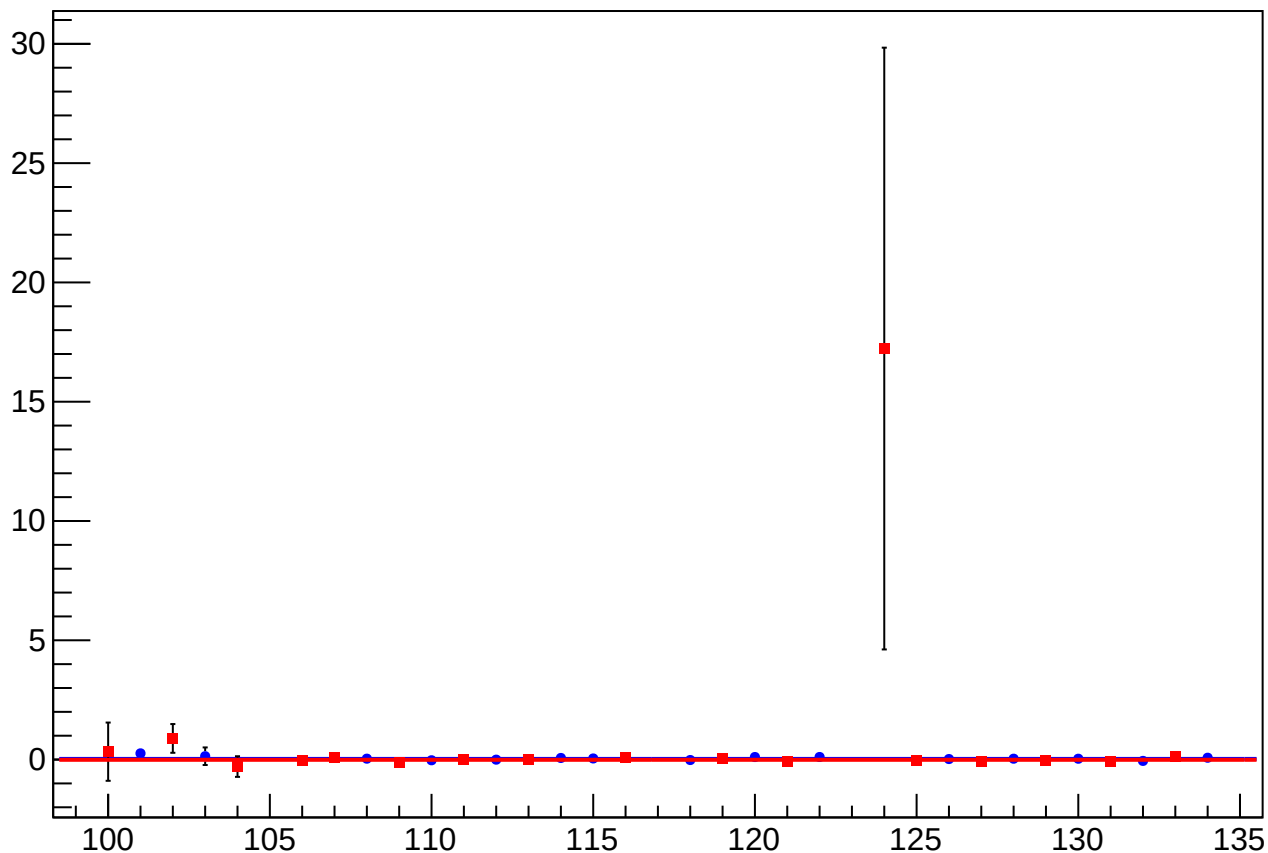
Right: 0.000+/-0.000 χ^2/NDF : 2207603.6/31

In: 0.000+/-0.000 χ^2/NDF : 553468.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2207603.6/31

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.018 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

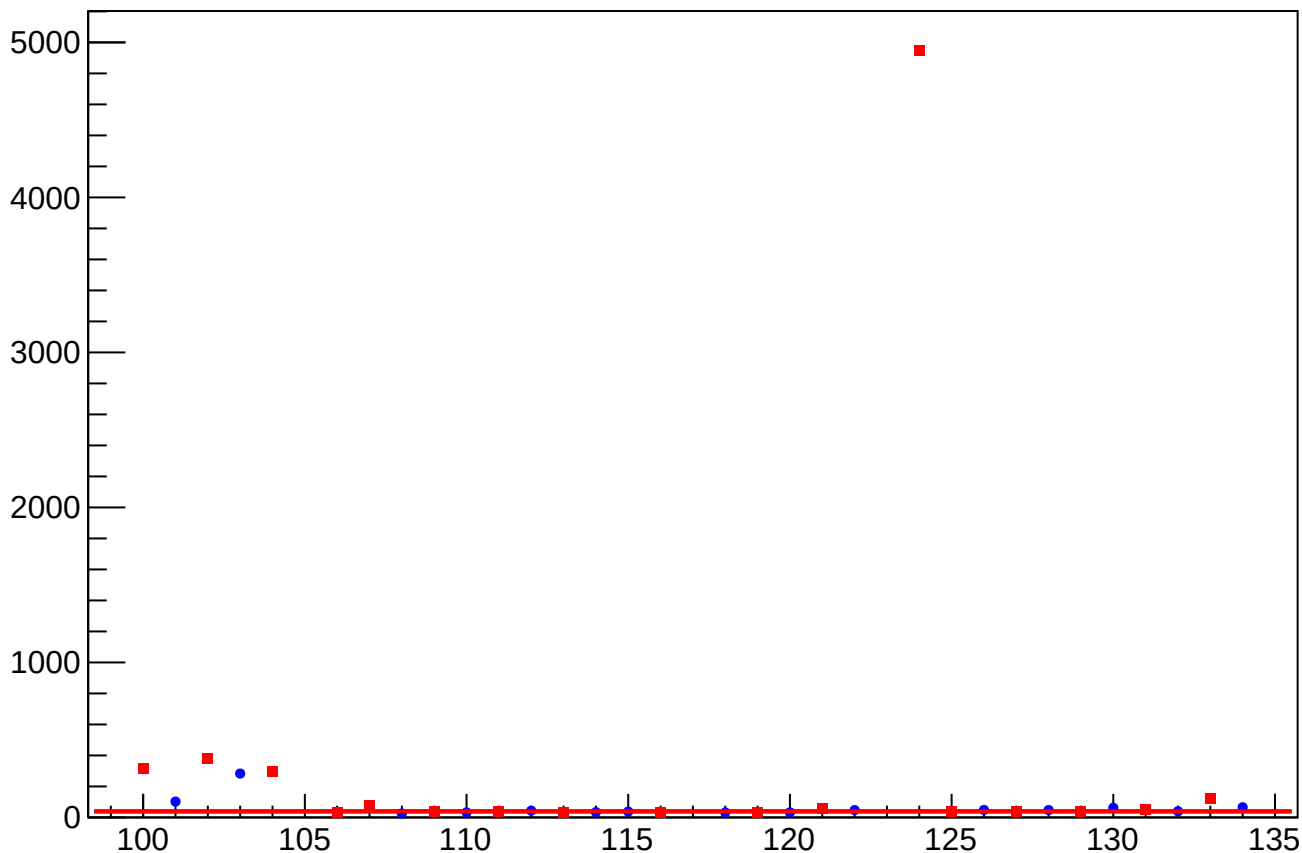
Right: 0.009+/-0.013 χ^2/NDF : 28.1/31

In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 28.1/31

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.919+/-0.013 χ^2/NDF : 2491876.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

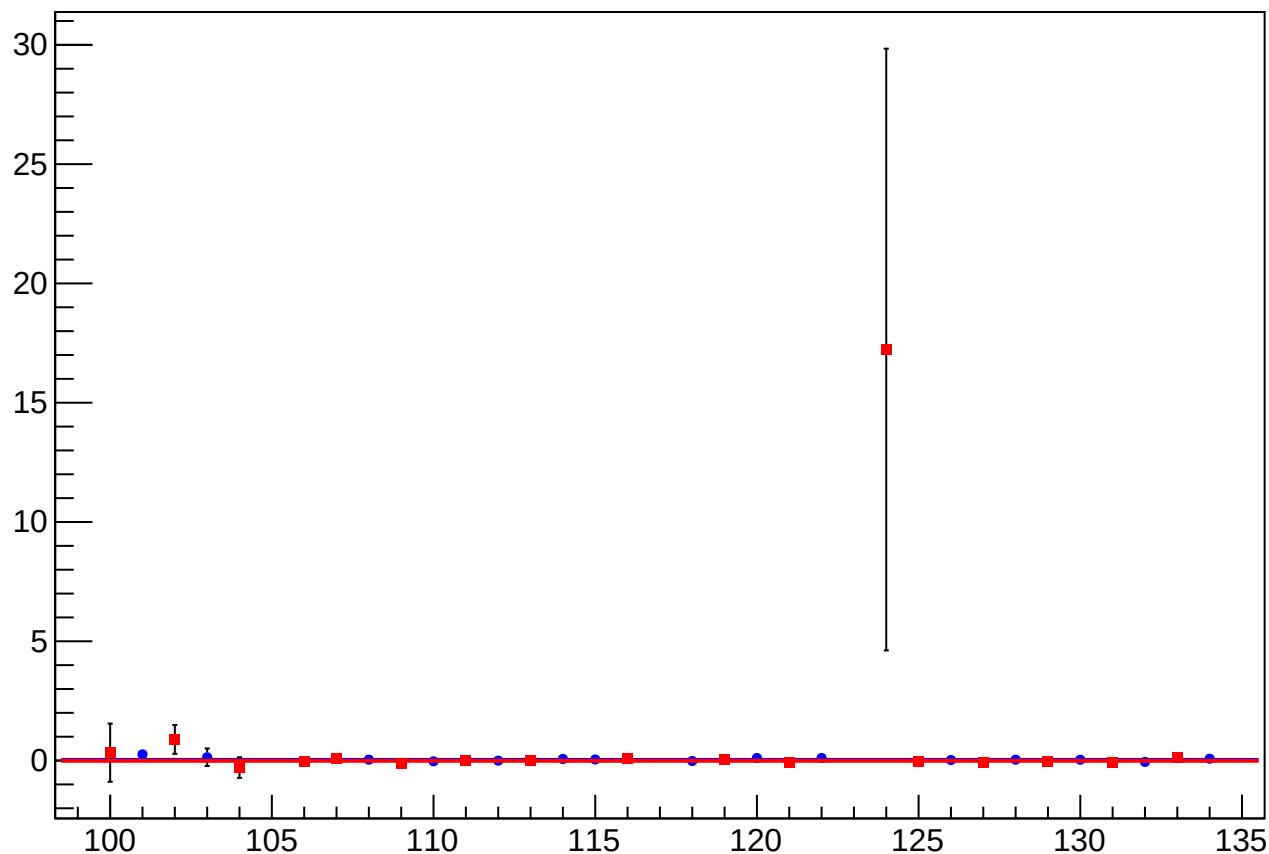
Right: 39.225+/-0.009 χ^2/NDF : 4430590.1/31

In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.225+/-0.009 χ^2/NDF : 4430590.1/31

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.018 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

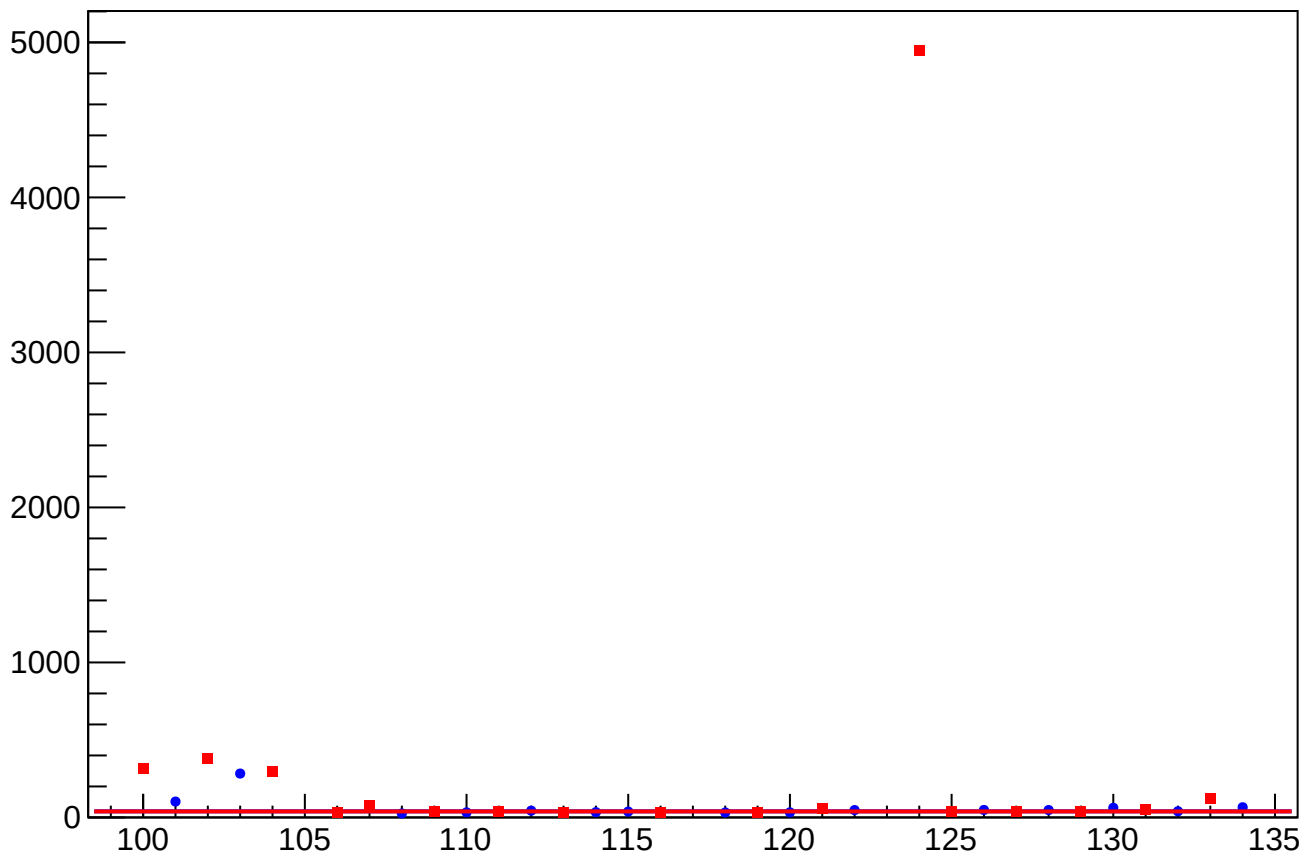
Right: 0.009+/-0.013 χ^2/NDF : 28.1/31

In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 28.1/31

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.527 $\pm$ 0.013 χ^2 /NDF: 1937587.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491876.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

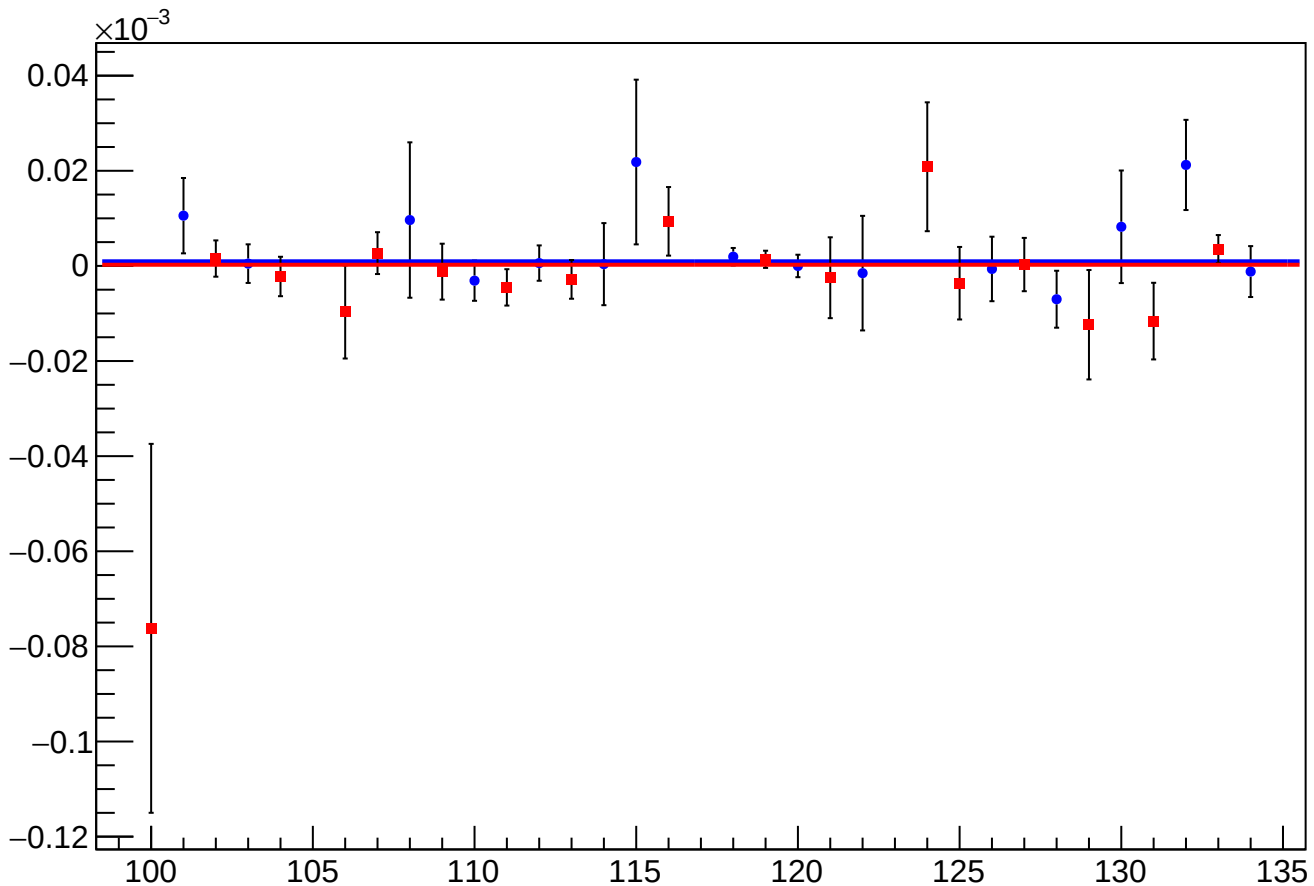
Right: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430590.1/31

In: 39.527 $\pm$ 0.013 χ^2 /NDF: 1937587.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430590.1/31

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

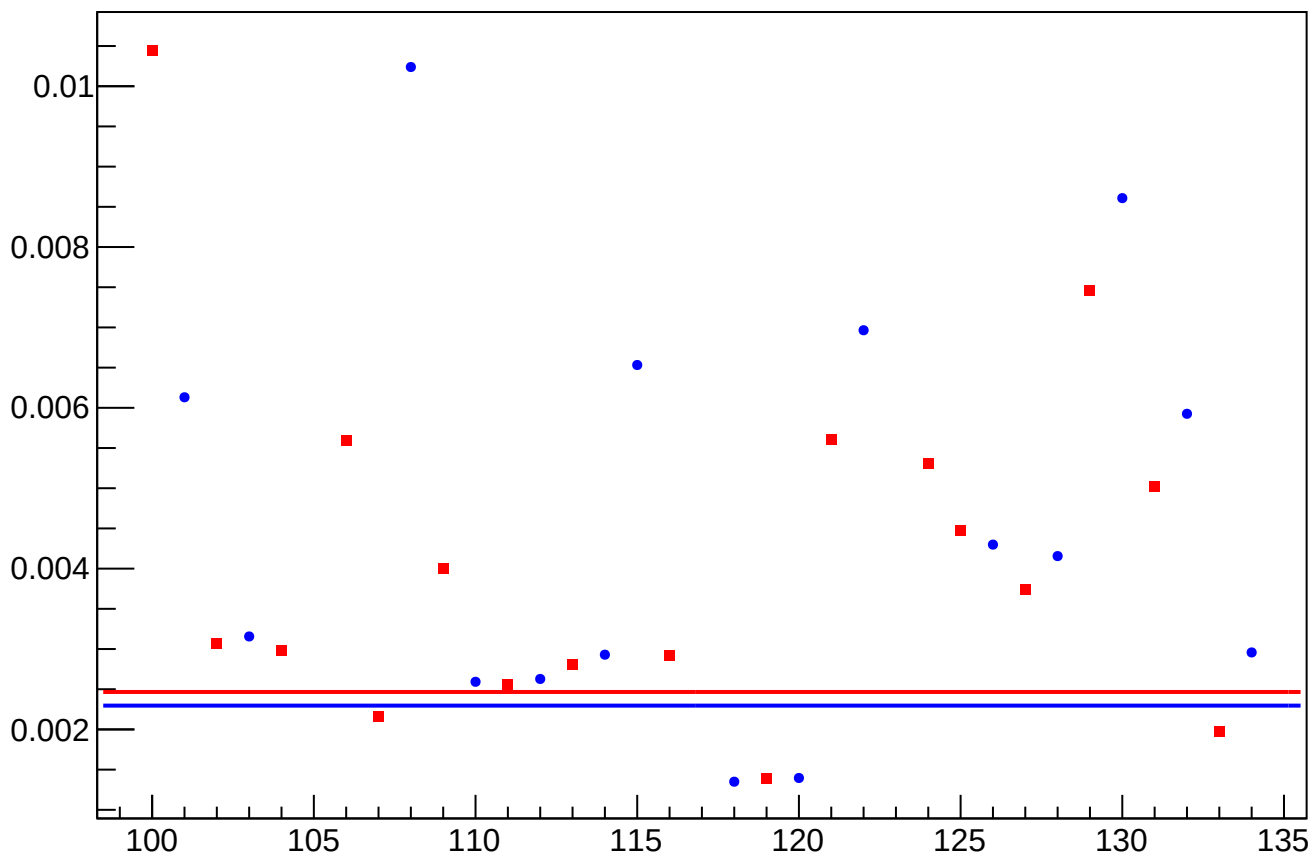
Right: 0.000+/-0.000 χ^2/NDF : 29.0/31

In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/31

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 : 3569831.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2481197.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

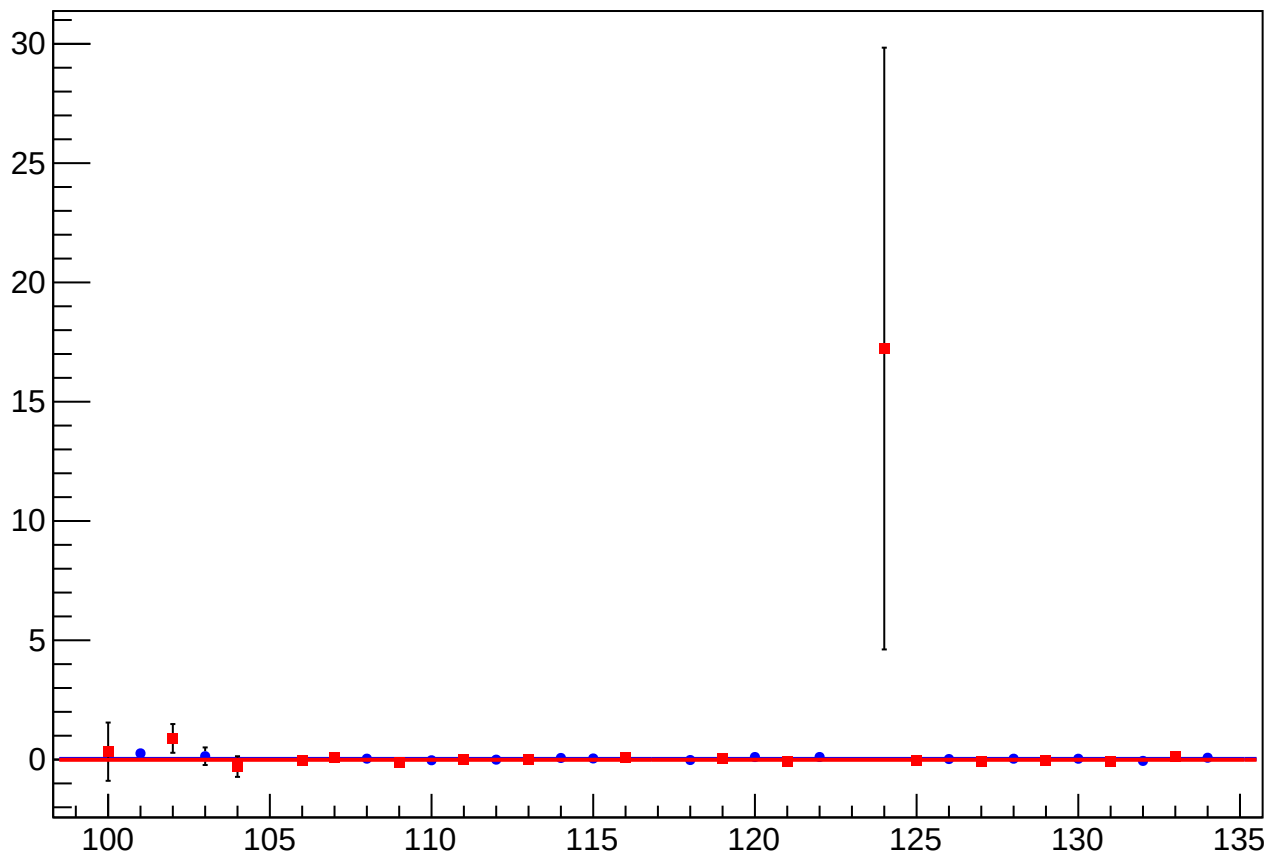
Right: 0.002+/-0.000 χ^2/NDF : 6075324.2/31

In: 0.002+/-0.000 χ^2/NDF :3569831.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6075324.2/31

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.018 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

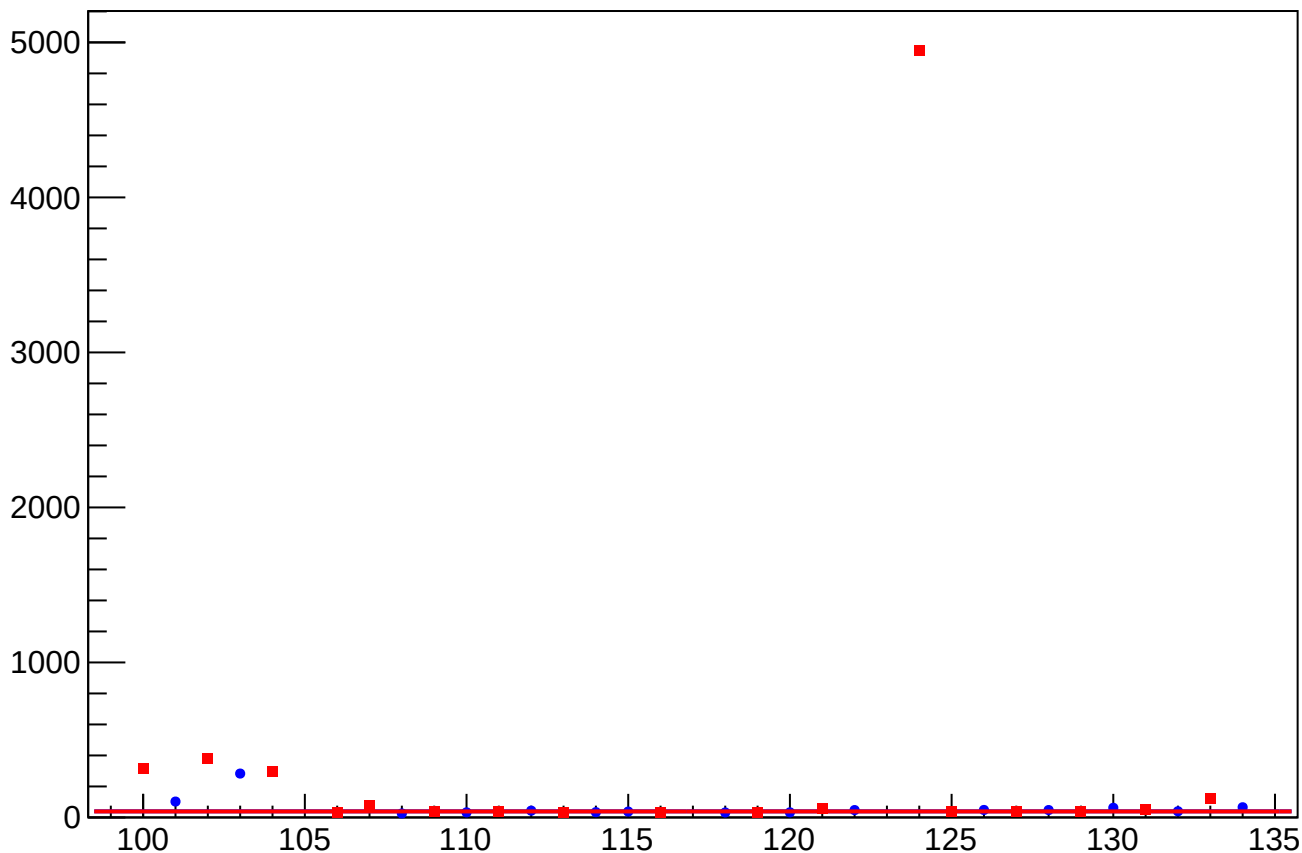
Right: 0.009+/-0.013 χ^2/NDF : 28.1/31

In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 28.1/31

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

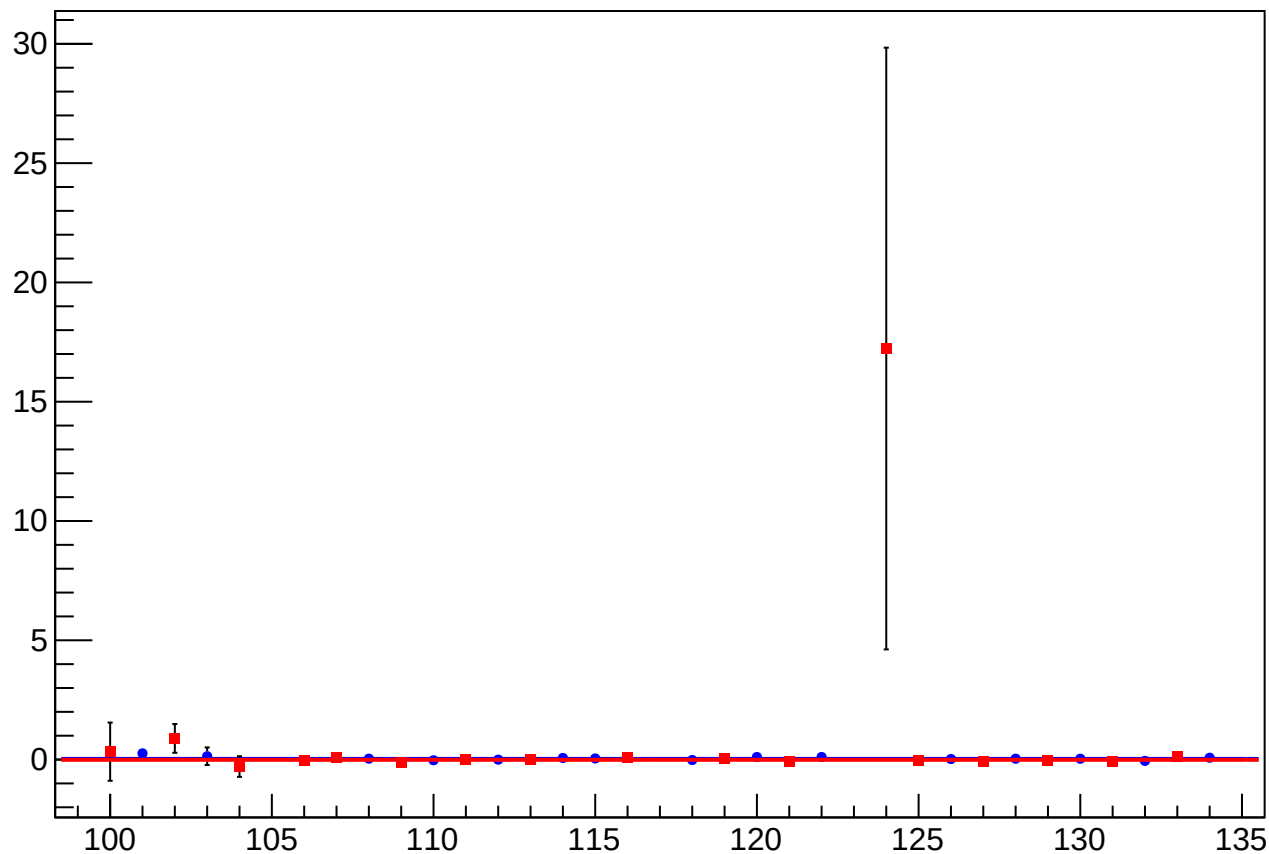
Right: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

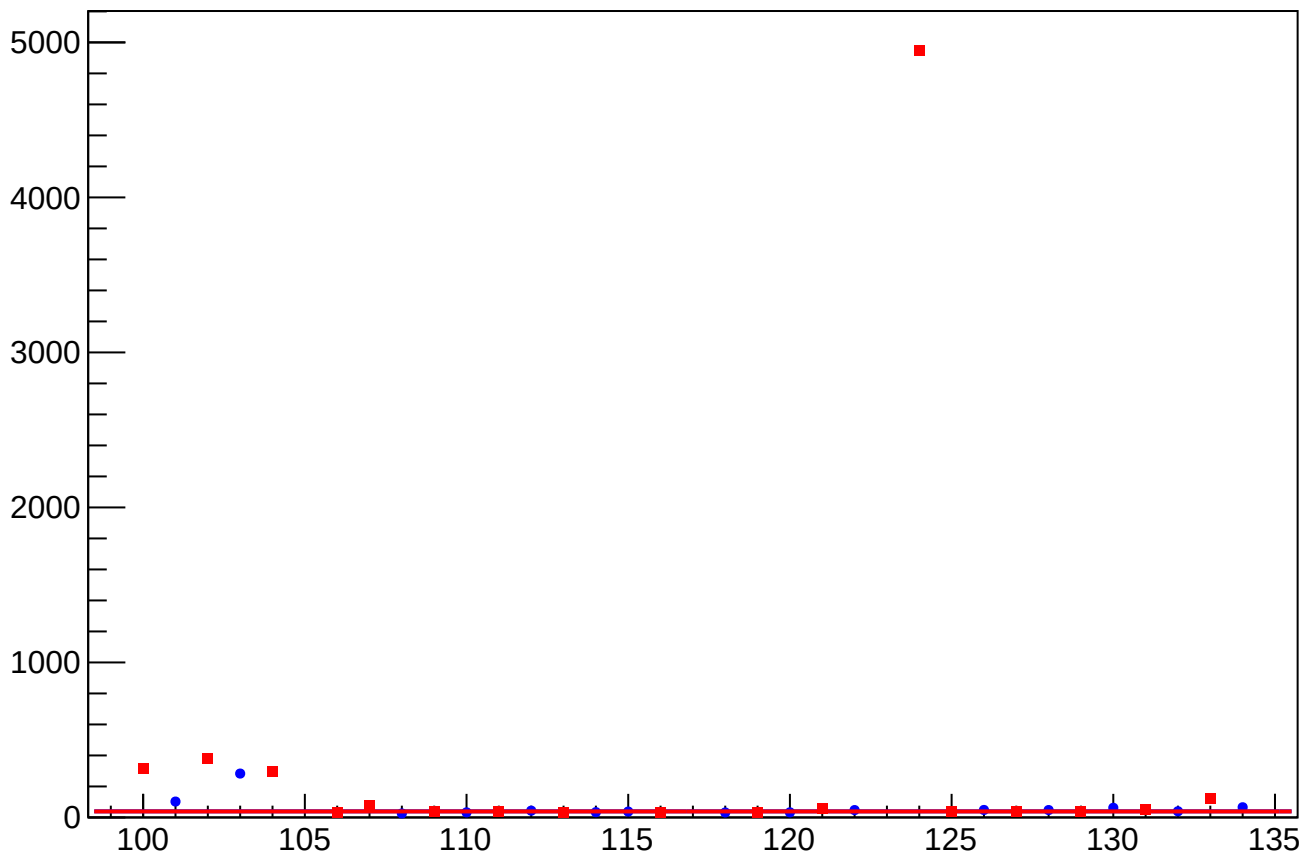
Right: 0.009 $\pm$ 0.013 χ^2 /NDF: 28.1/31

In: 0.027 $\pm$ 0.018 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 28.1/31

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

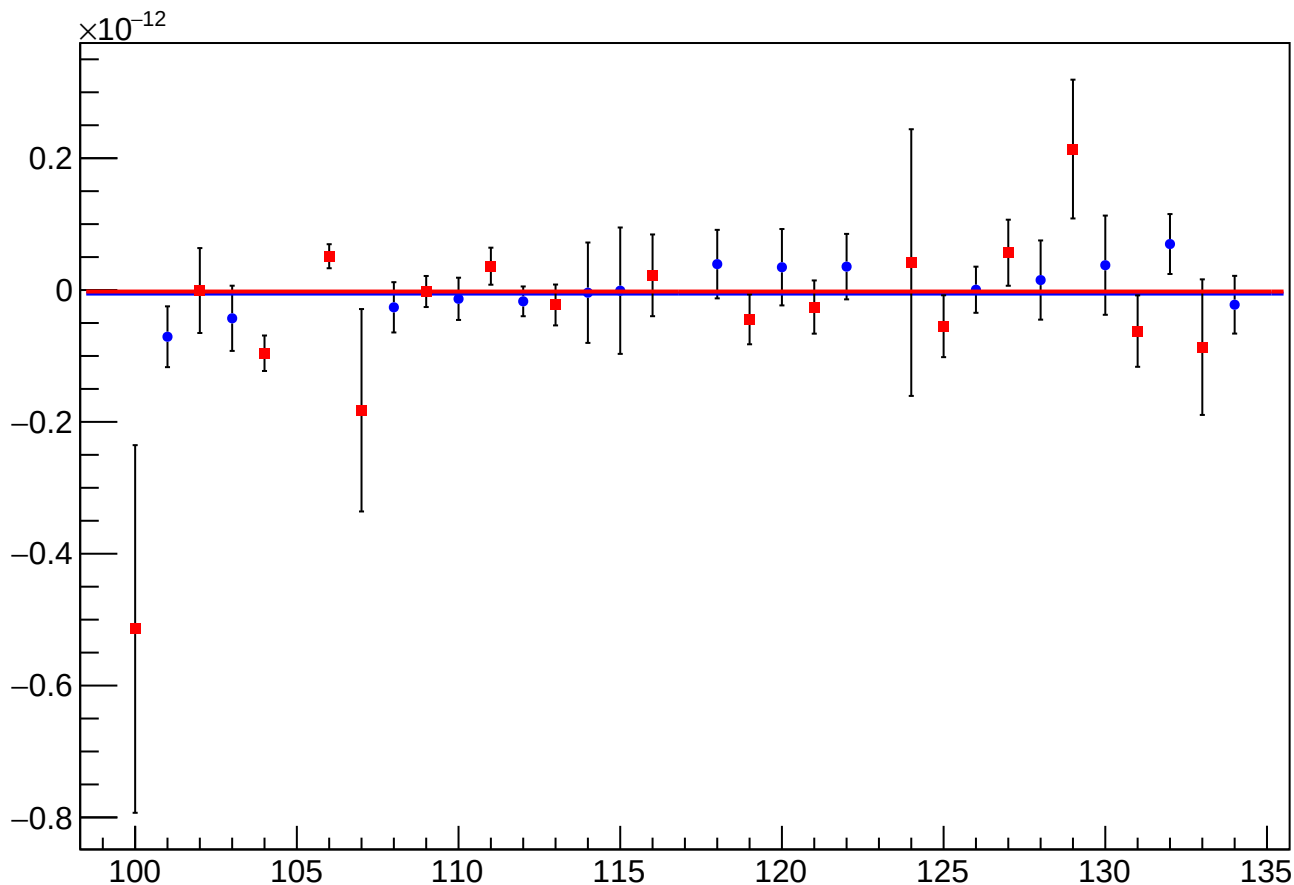
Right: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 38.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

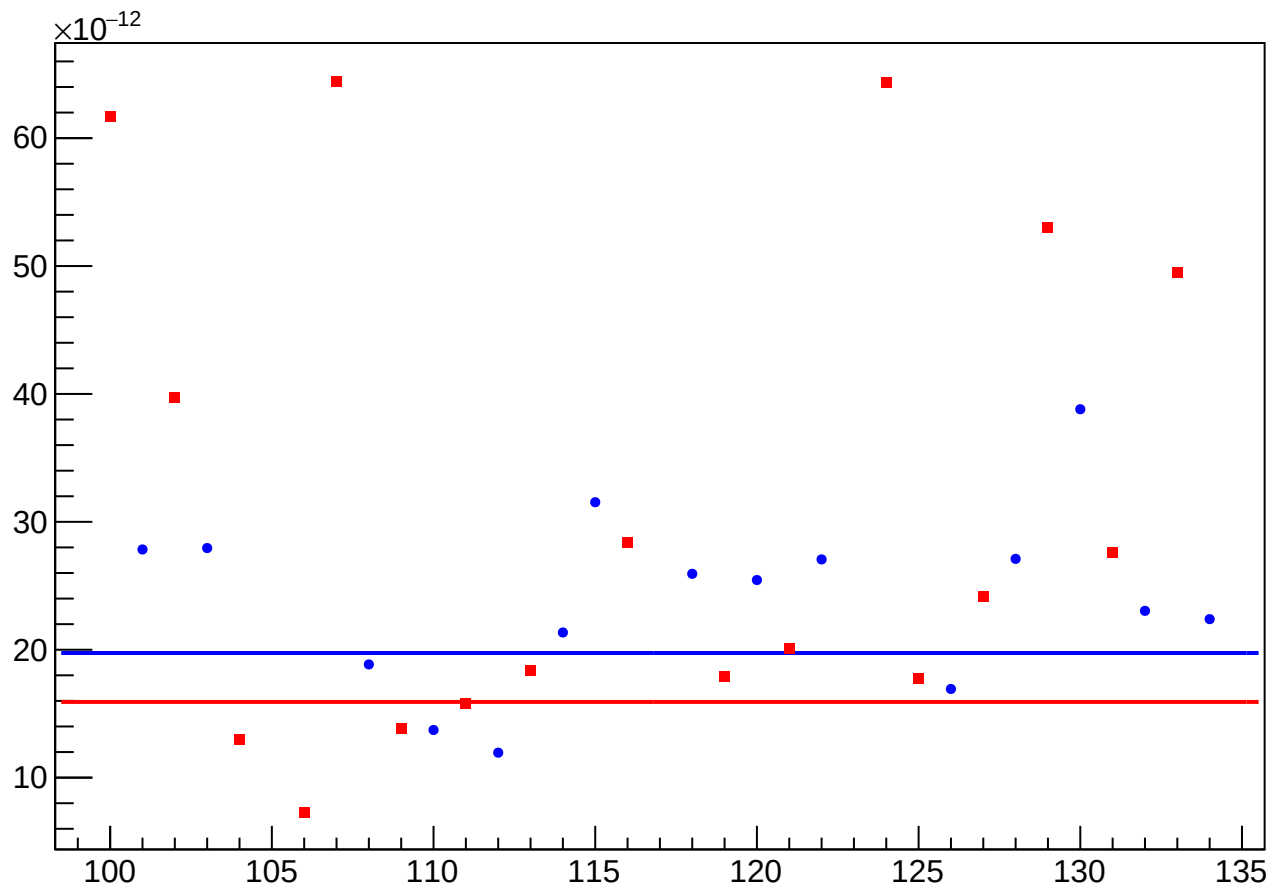
Right: -0.000+/-0.000 χ^2/NDF : 46.8/31

In: -0.000+/-0.000 χ^2/NDF : 8.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.8/31

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 : 737984.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1865420.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

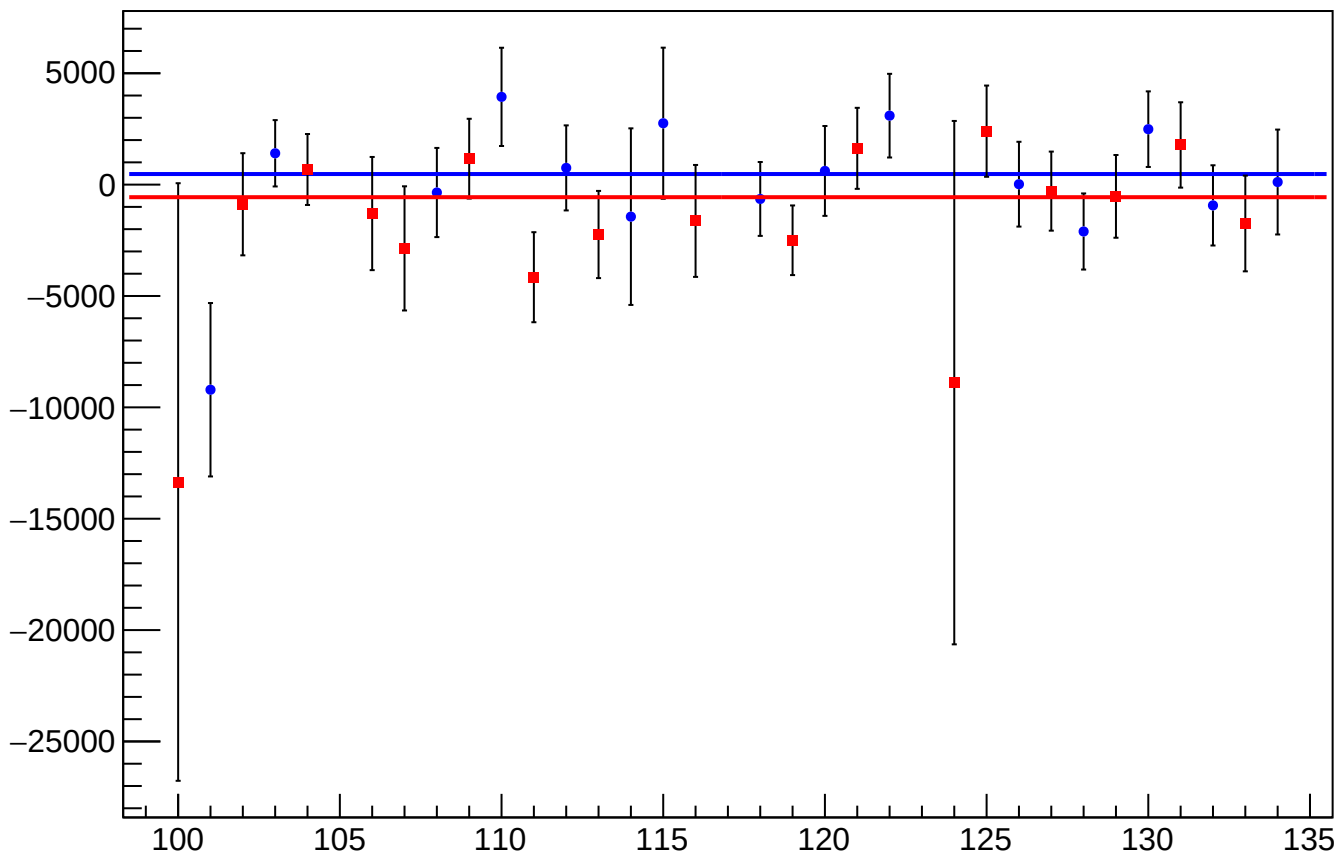
Right: 0.000+/-0.000 χ^2/NDF : 2744195.1/31

In: 0.000+/-0.000 χ^2/NDF : 737984.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2744195.1/31

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 475.289+/-516.831 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -564.036+/-506.210 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

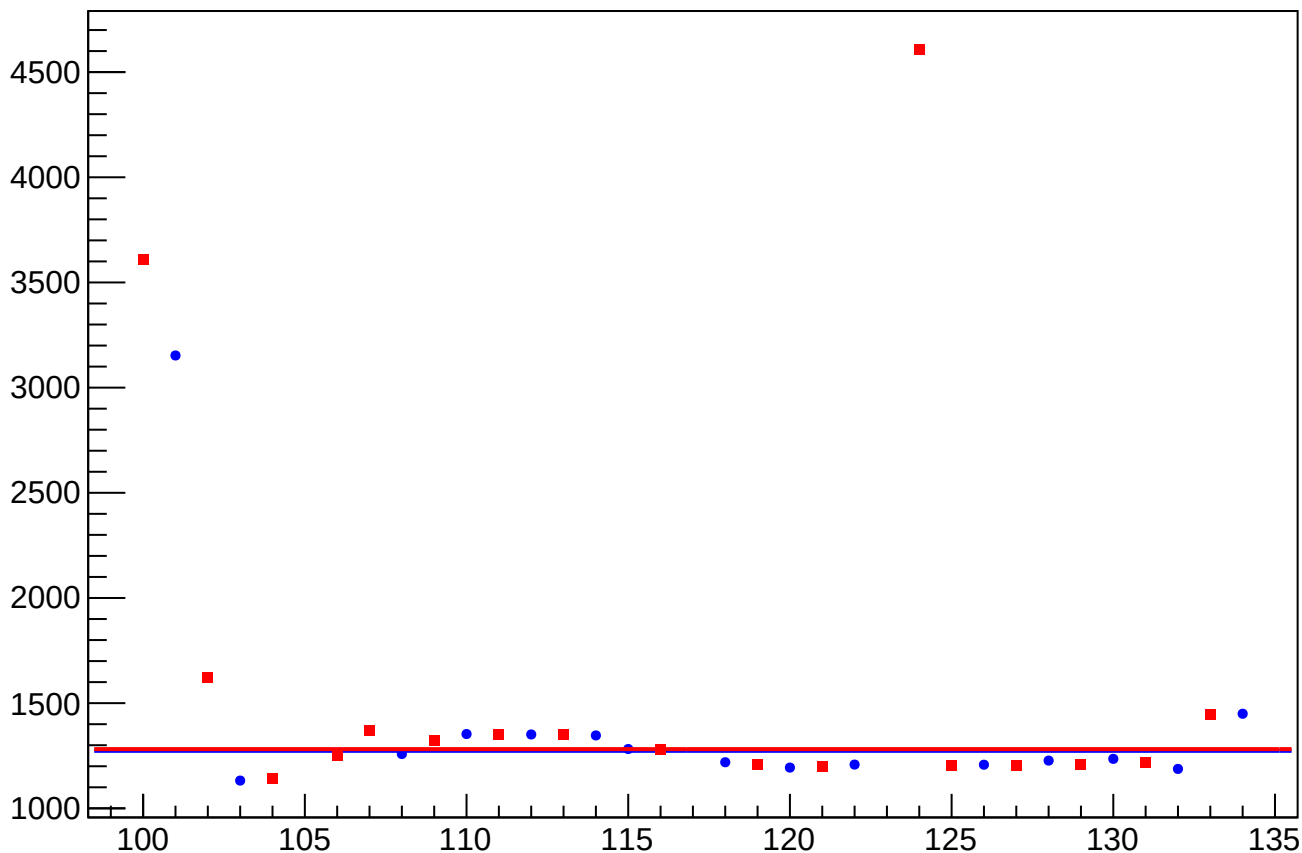
Right: -55.163+/-361.641 χ^2/NDF : 33.5/31

In: 475.289+/-516.831 χ^2/NDF :16.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -55.163+/-361.641 χ^2/NDF : 33.5/31

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1273.303+/-0.365 χ^2/NDF : 519283.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.473+/-0.358 χ^2/NDF : 321826.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

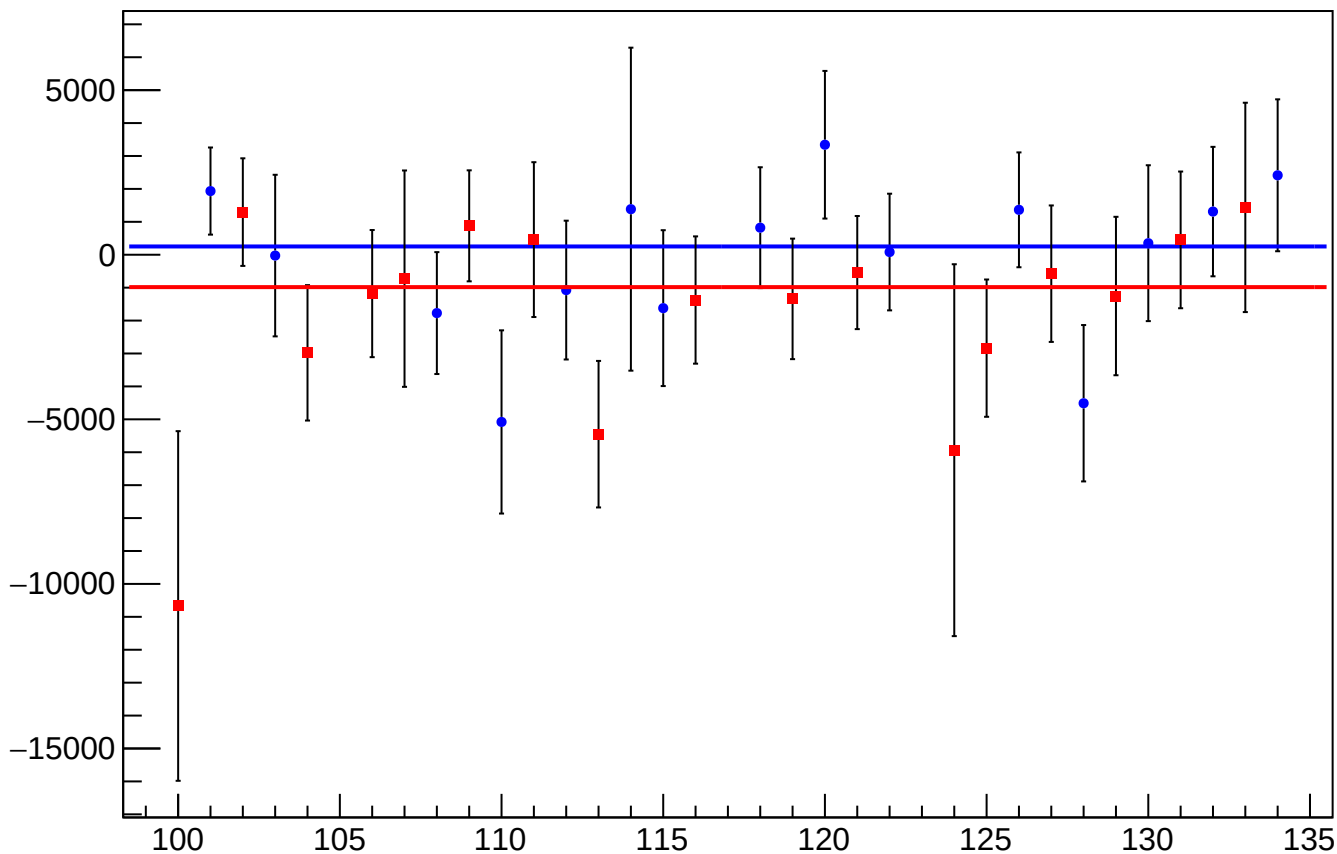
Right: 1277.473+/-0.256 χ^2/NDF : 841365.4/31

In: 1273.303+/-0.365 χ^2/NDF : 519283.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.473+/-0.256 χ^2/NDF : 841365.4/31

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 251.492 $\pm$ 530.946 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -983.684 $\pm$ -523.898 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

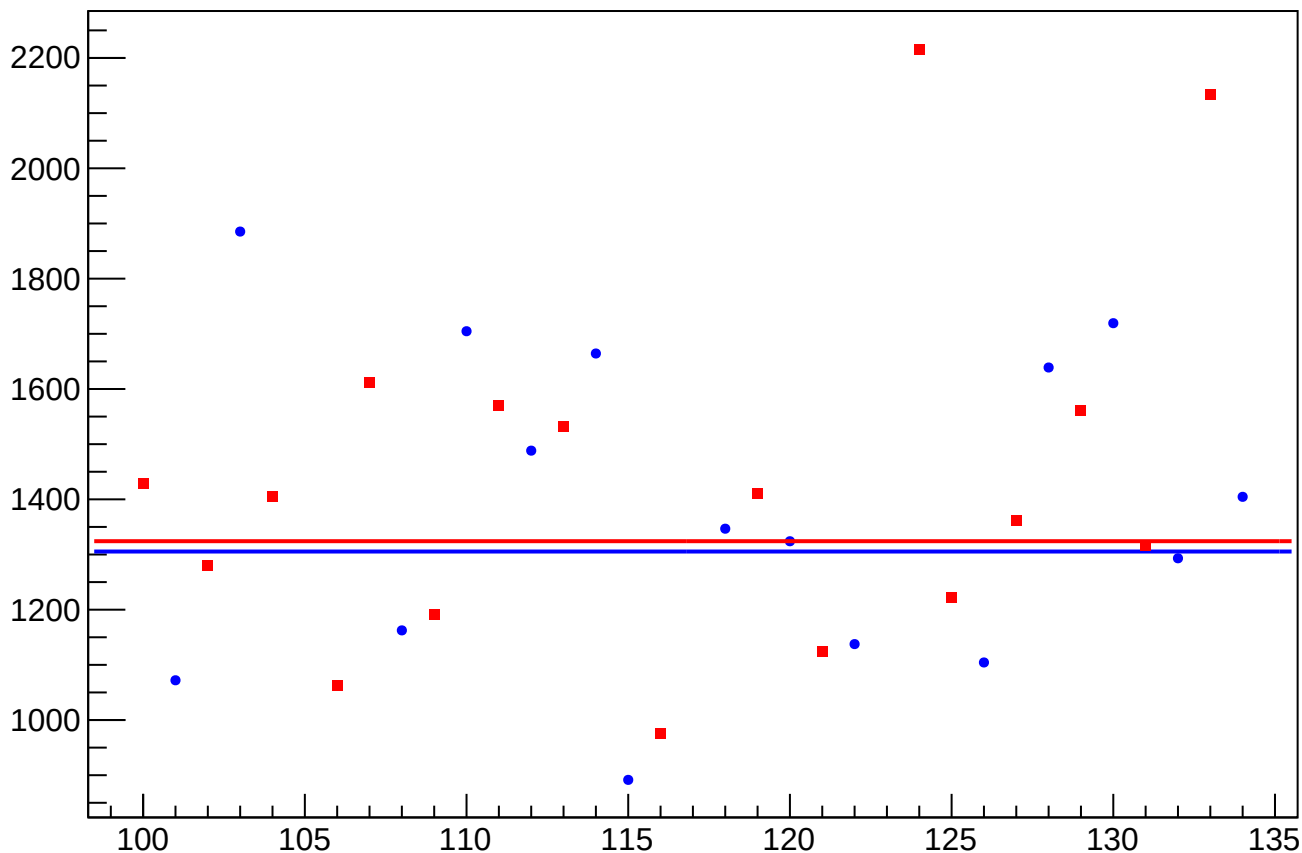
Right: -374.349 $\pm$ -372.918 χ^2 /NDF: 32.6/31

In: 251.492 $\pm$ -530.946 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -374.349 $\pm$ -372.918 χ^2 /NDF: 32.6/31

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1305.419+/-0.375 χ^2/NDF : 463771.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.151+/-0.370 χ^2/NDF : 409822.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

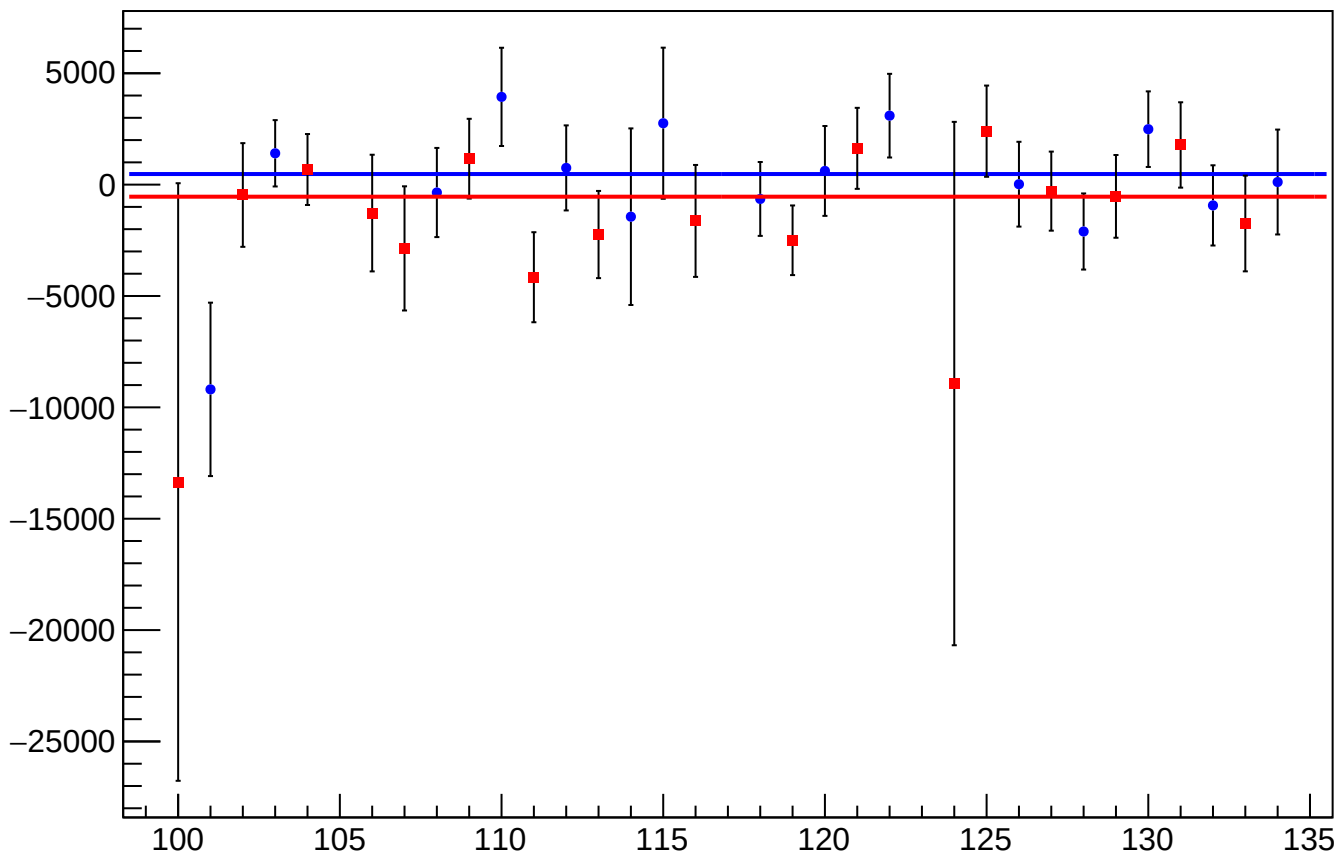
Right: 1314.910+/-0.264 χ^2/NDF : 874854.9/31

In: 1305.419+/-0.375 χ^2/NDF : 463771.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.910+/-0.264 χ^2/NDF : 874854.9/31

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.482+/-507.165 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

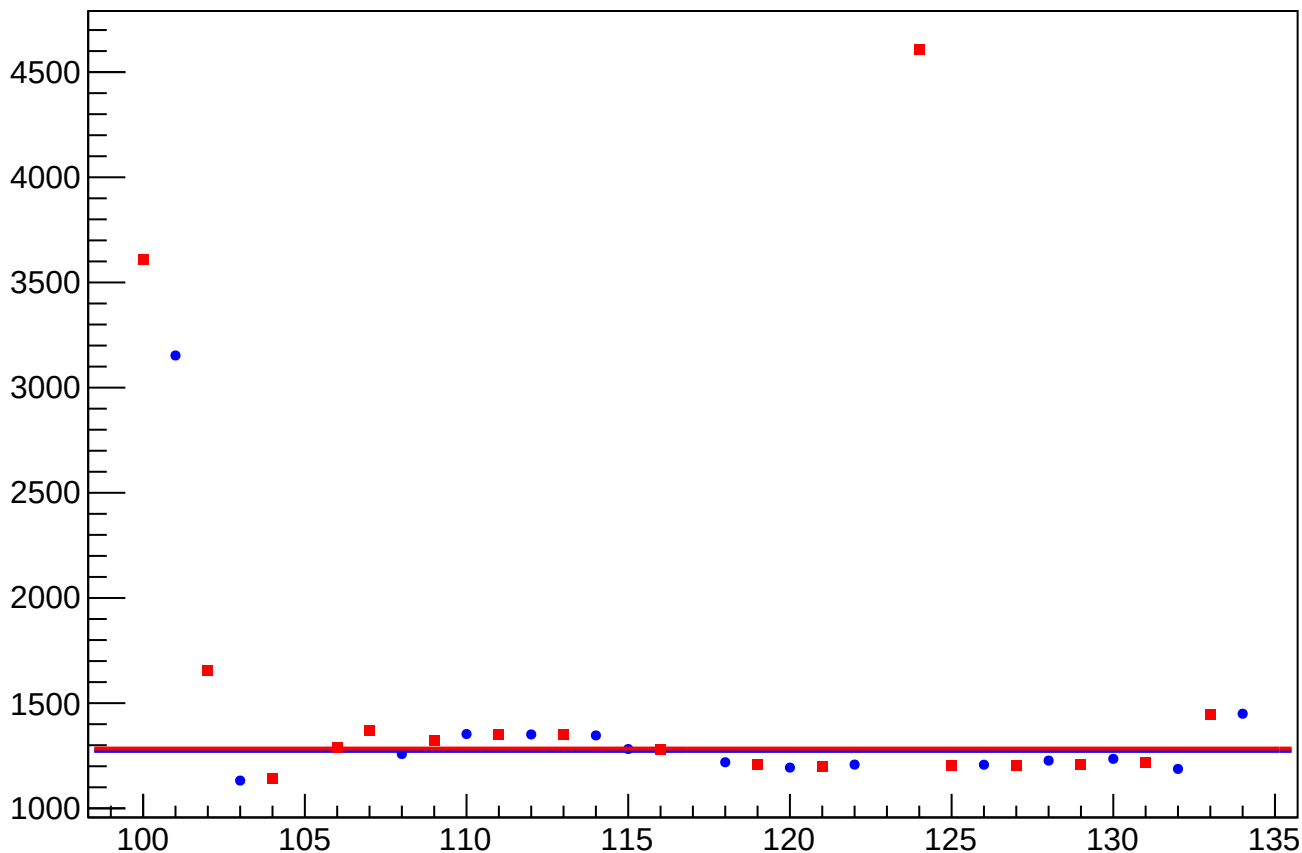
Right: -42.528+/-361.989 χ^2/NDF : 33.3/31

In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.528+/-361.989 χ^2/NDF : 33.3/31

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

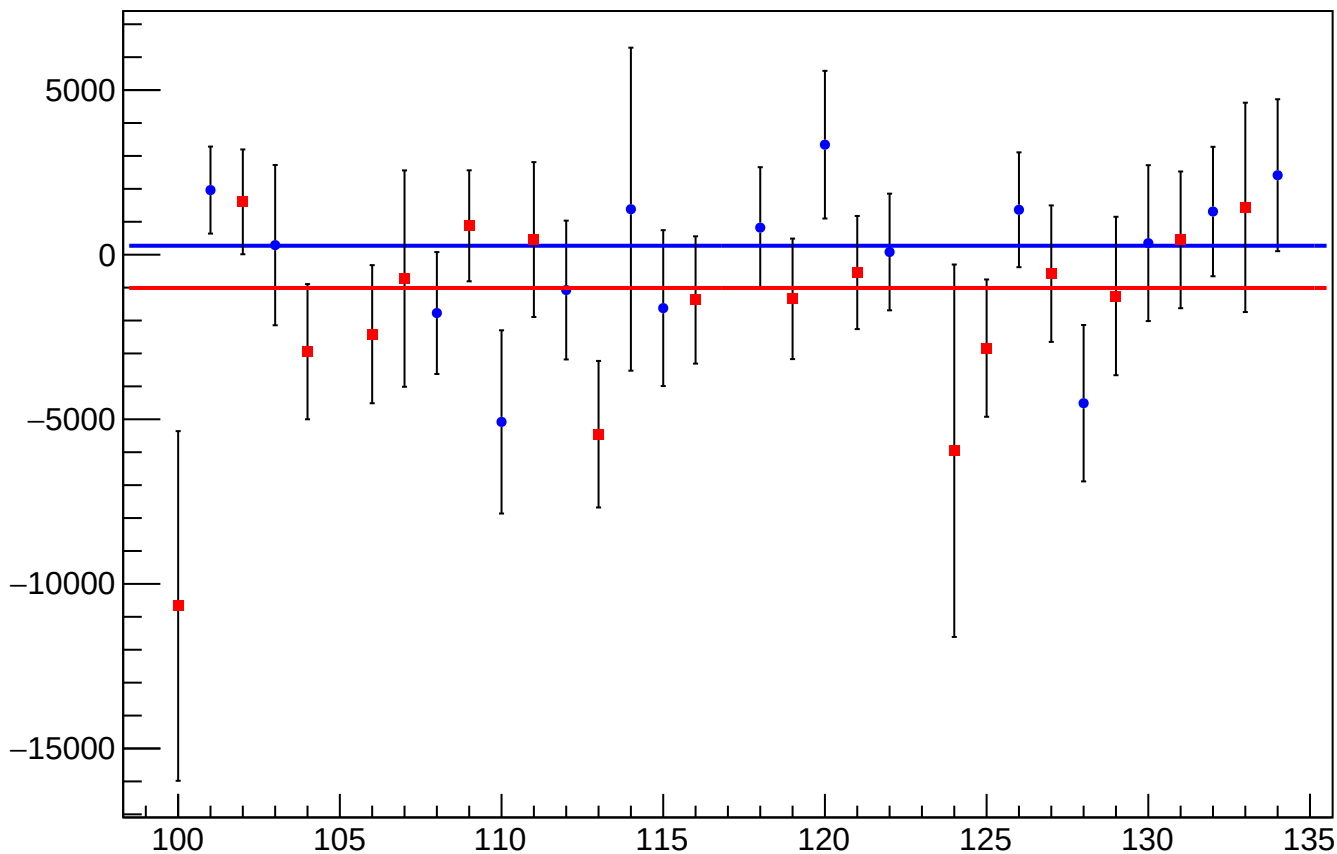
Right: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.584+/-530.604 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1010.941+/-525.345 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

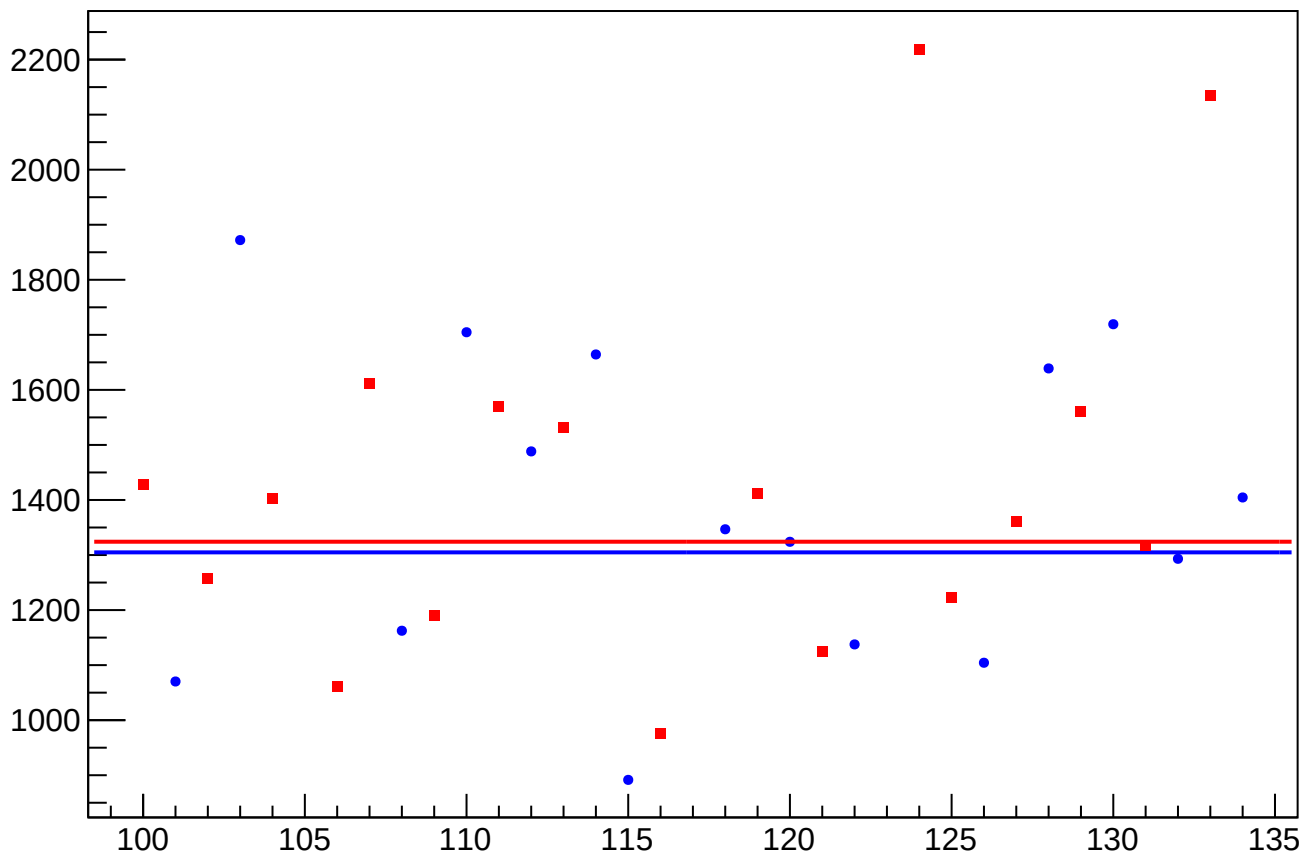
Right: -376.065+/-373.320 χ^2/NDF : 34.0/31

In: 271.584+/-530.604 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.065+/-373.320 χ^2/NDF : 34.0/31

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

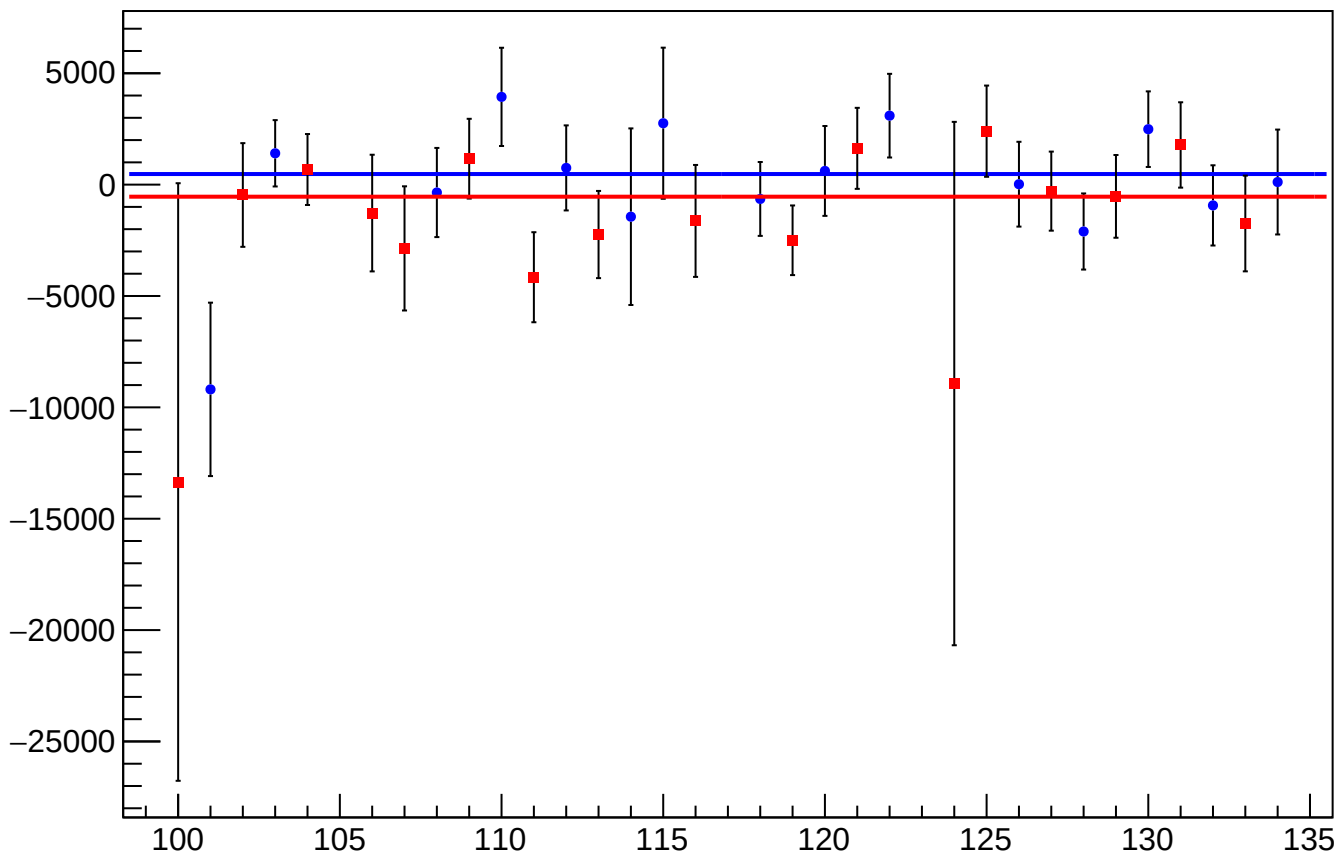
Right: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.482+/-507.165 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

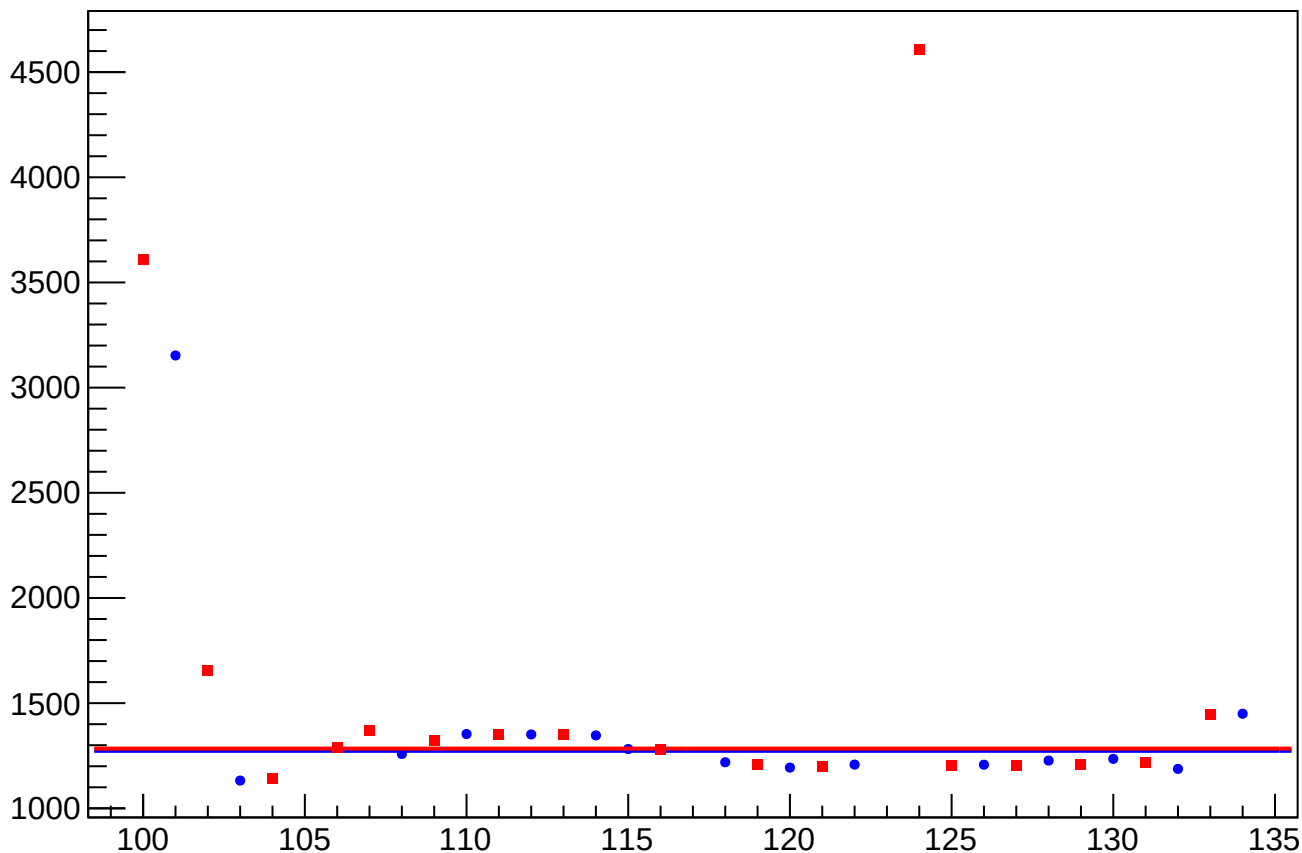
Right: -42.528+/-361.989 χ^2/NDF : 33.3/31

In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.528+/-361.989 χ^2/NDF : 33.3/31

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

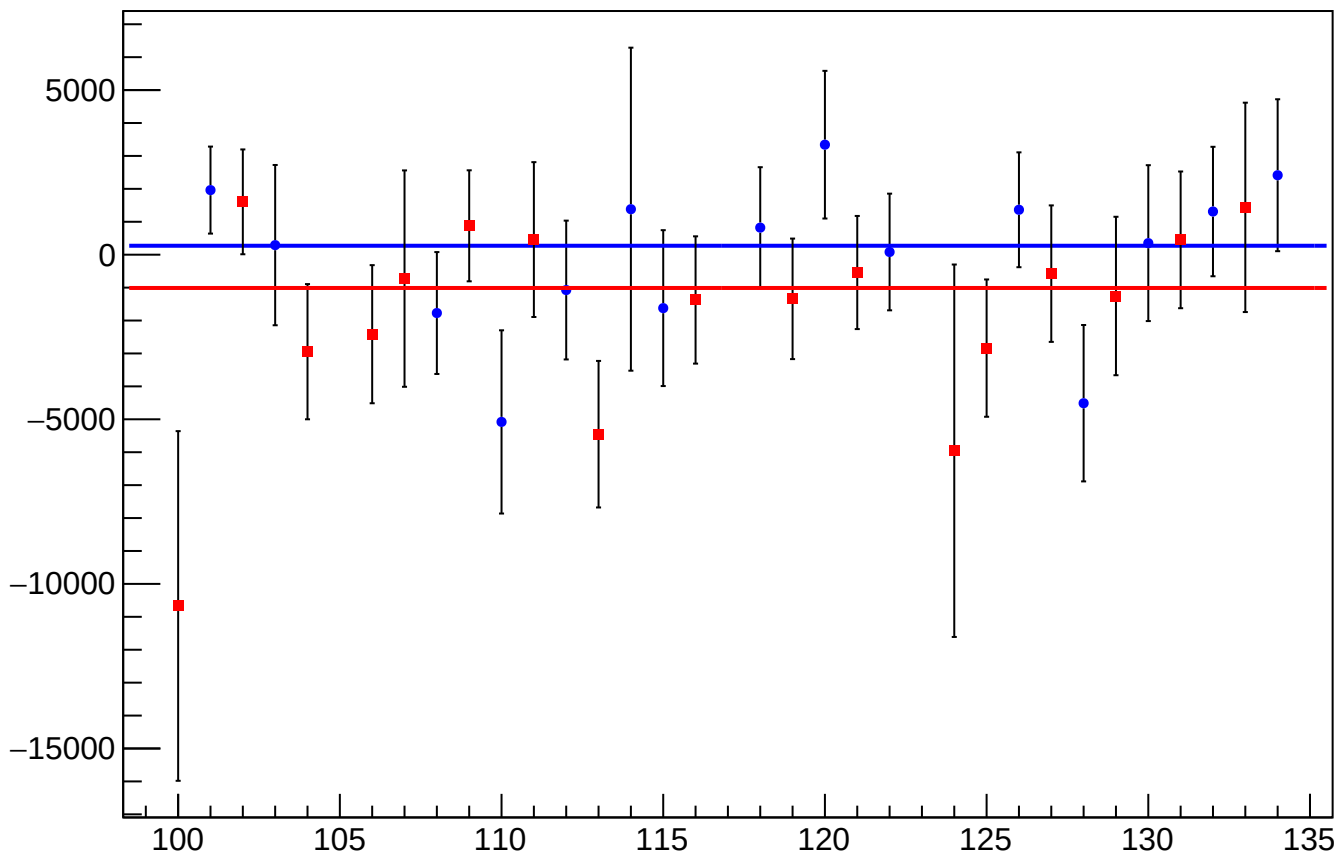
Right: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.584+/-530.604 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1010.941+/-525.345 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

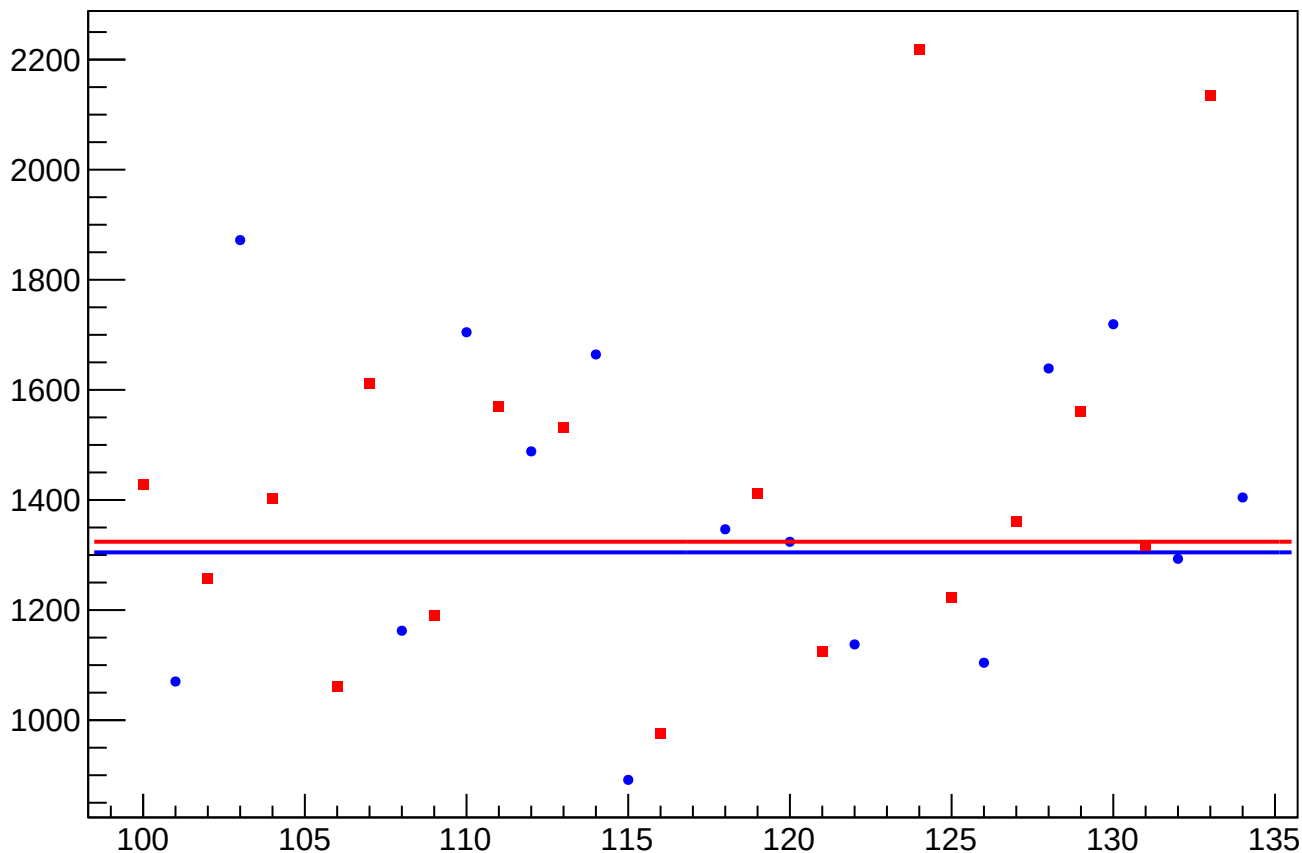
Right: -376.065+/-373.320 χ^2/NDF : 34.0/31

In: 271.584+/-530.604 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.065+/-373.320 χ^2/NDF : 34.0/31

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

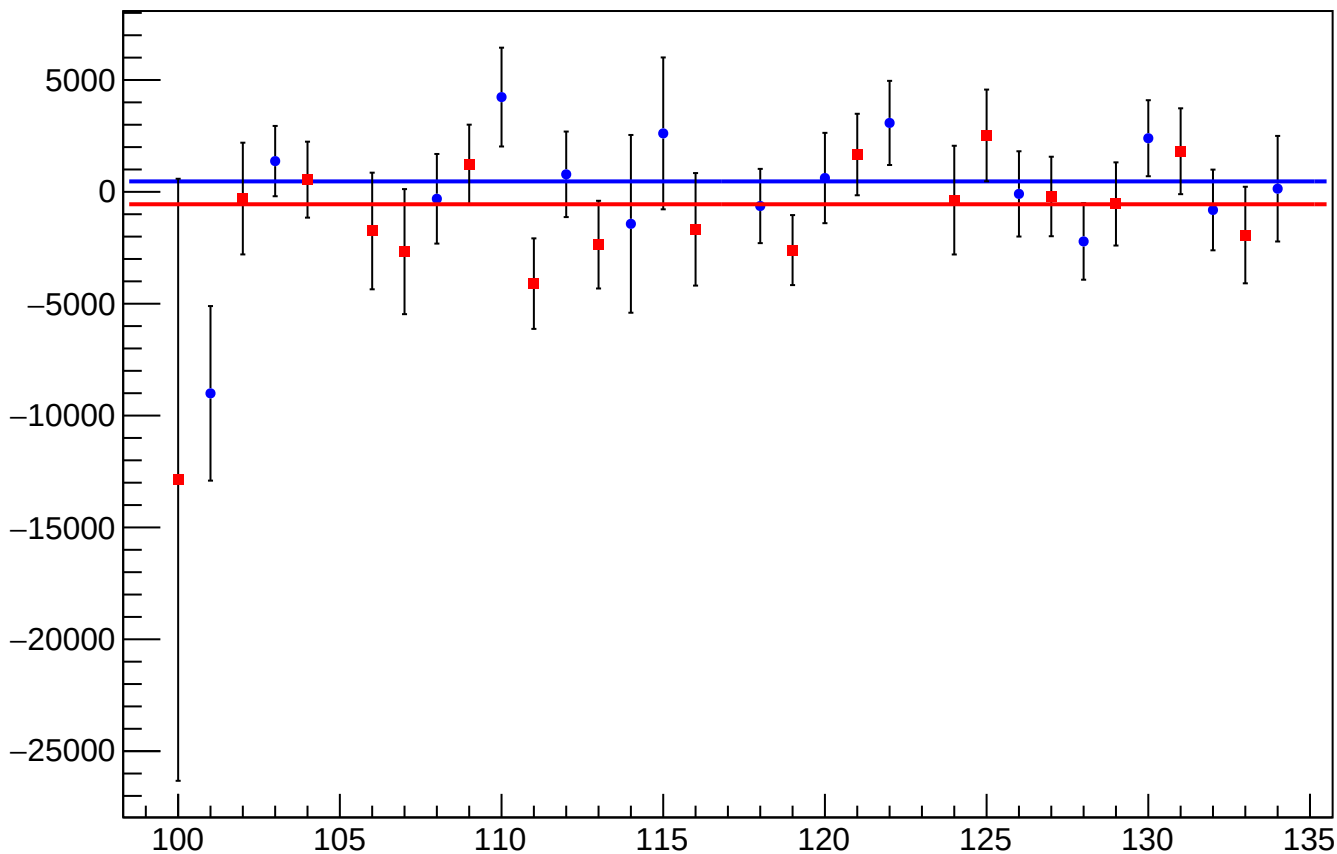
Right: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 467.437+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -554.398+/-501.845 χ^2/NDF : 14.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

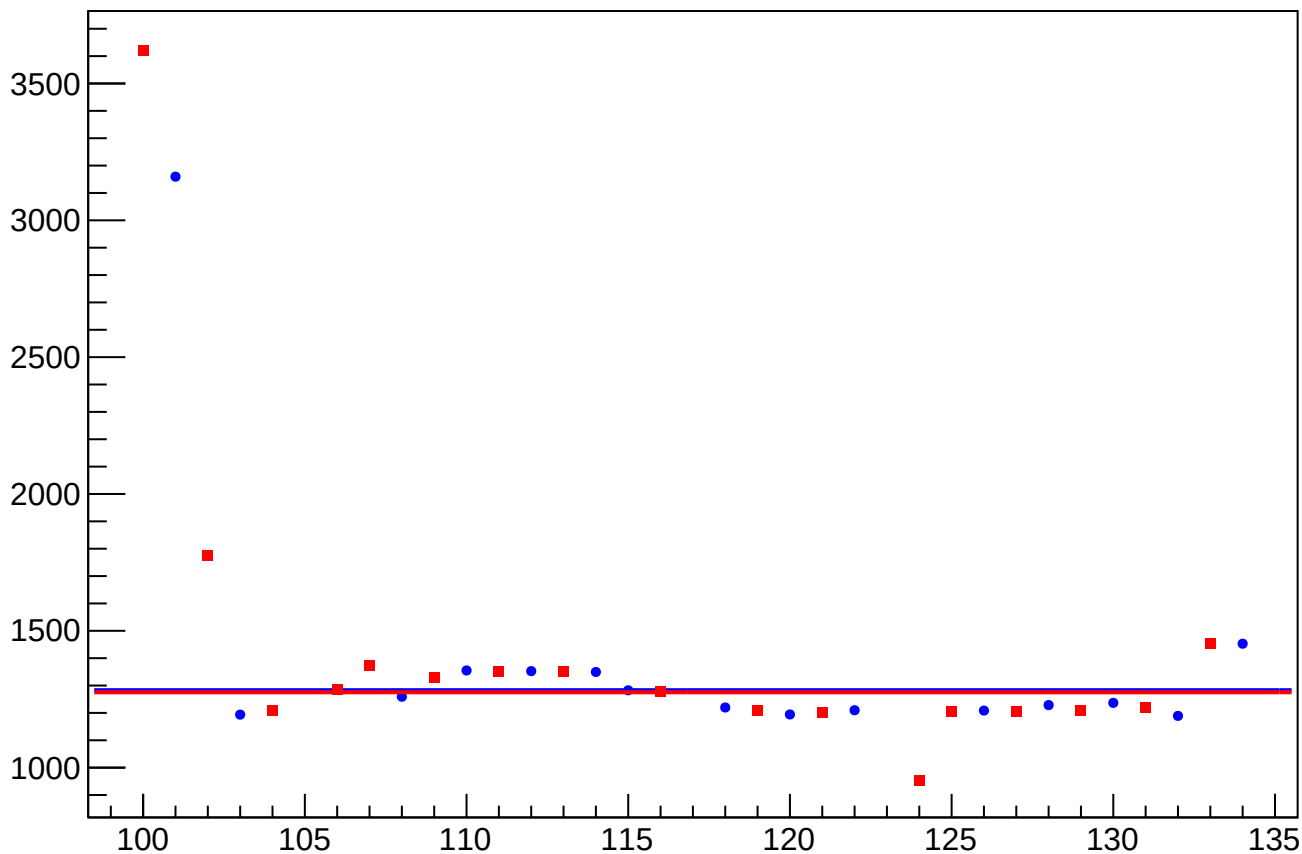
Right: -62.175+/-361.292 χ^2/NDF : 33.2/31

In: 467.437+/-520.557 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.175+/-361.292 χ^2/NDF : 33.2/31

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1283.086+/-0.368 χ^2/NDF : 506911.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1275.340+/-0.355 χ^2/NDF : 220135.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

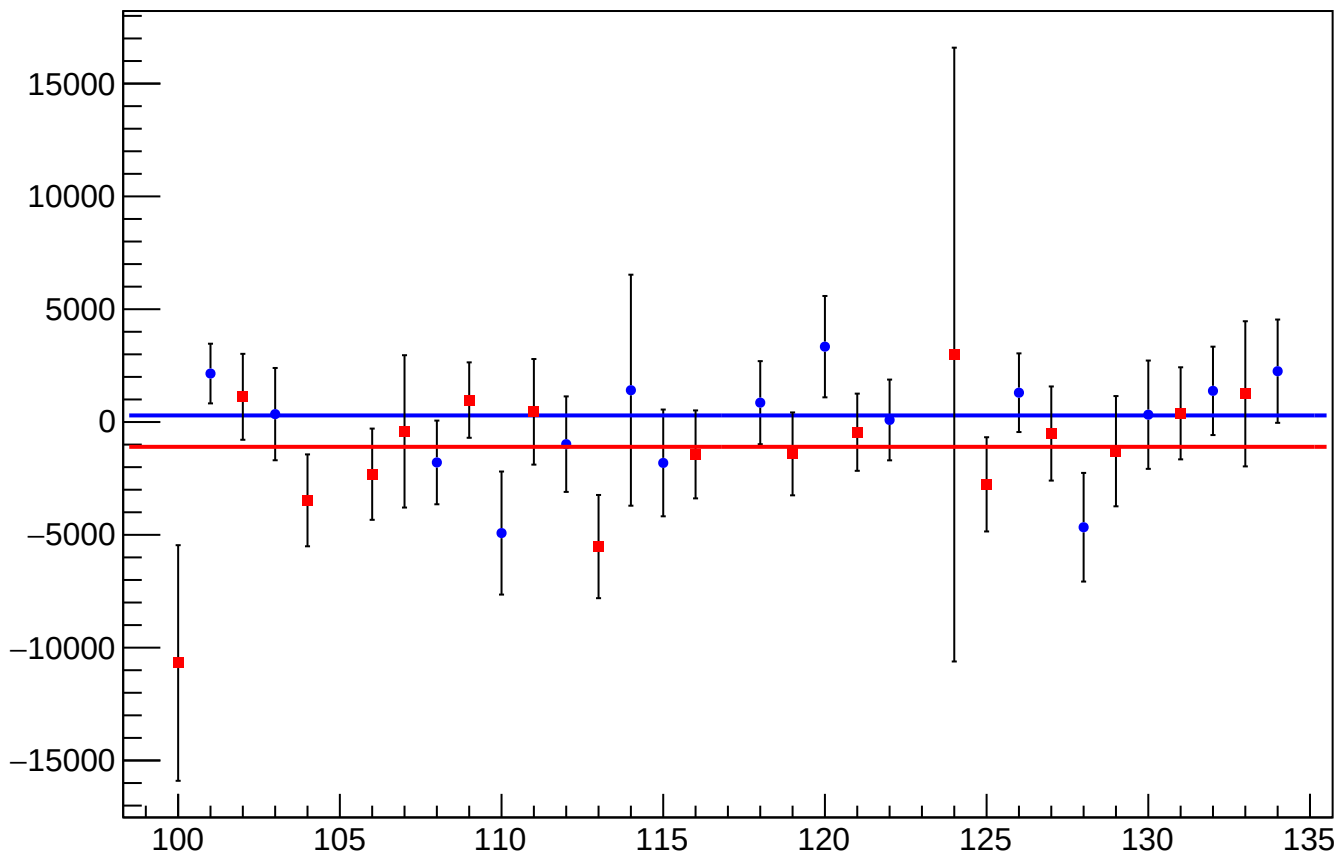
Right: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

In: 1283.086+/-0.368 χ^2/NDF :506911.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.277+/-526.449 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1099.359+/-535.449 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

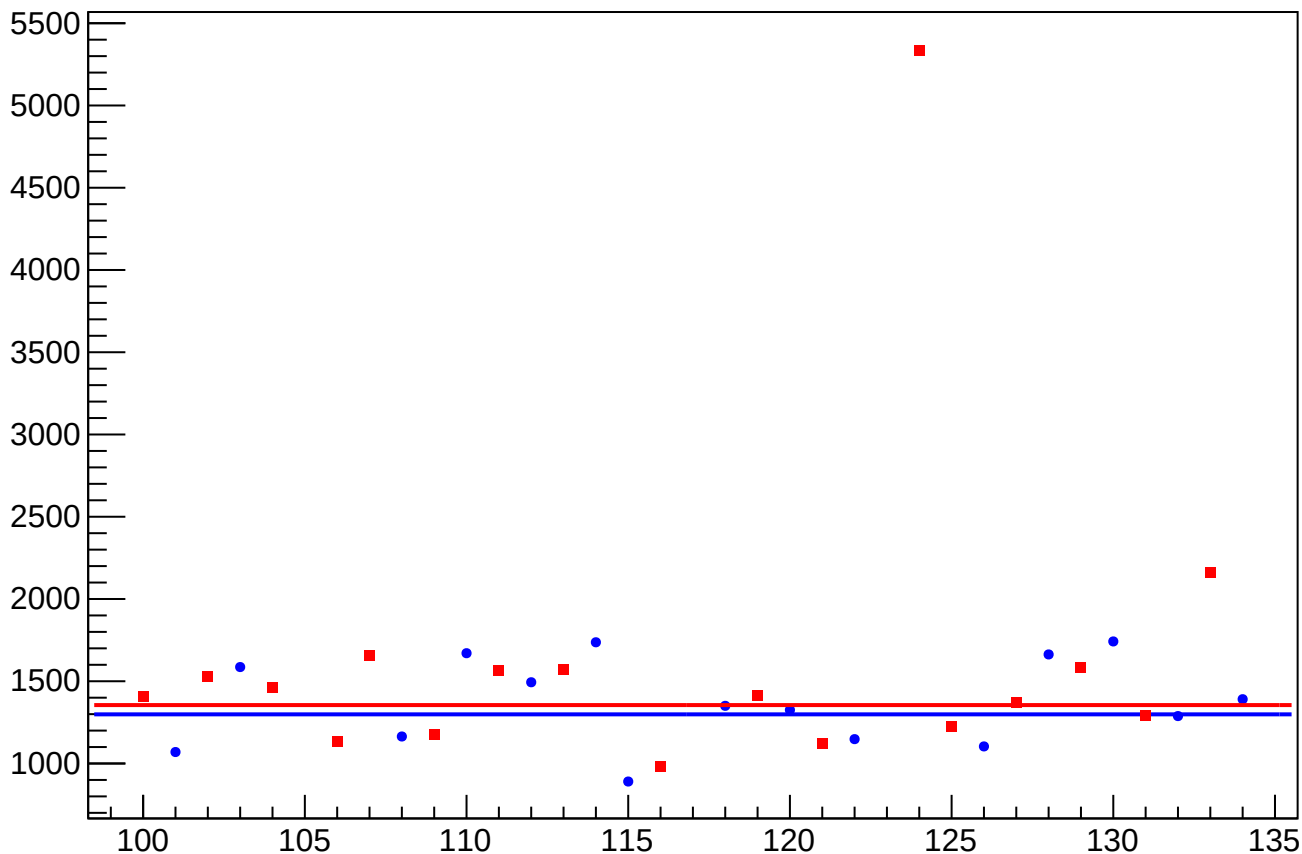
Right: -391.748+/-375.397 χ^2/NDF : 33.4/31

In: 292.277+/-526.449 χ^2/NDF :15.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -391.748+/-375.397 χ^2/NDF : 33.4/31

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1298.757+/-0.372 χ^2/NDF : 396730.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.120+/-0.379 χ^2/NDF : 556398.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

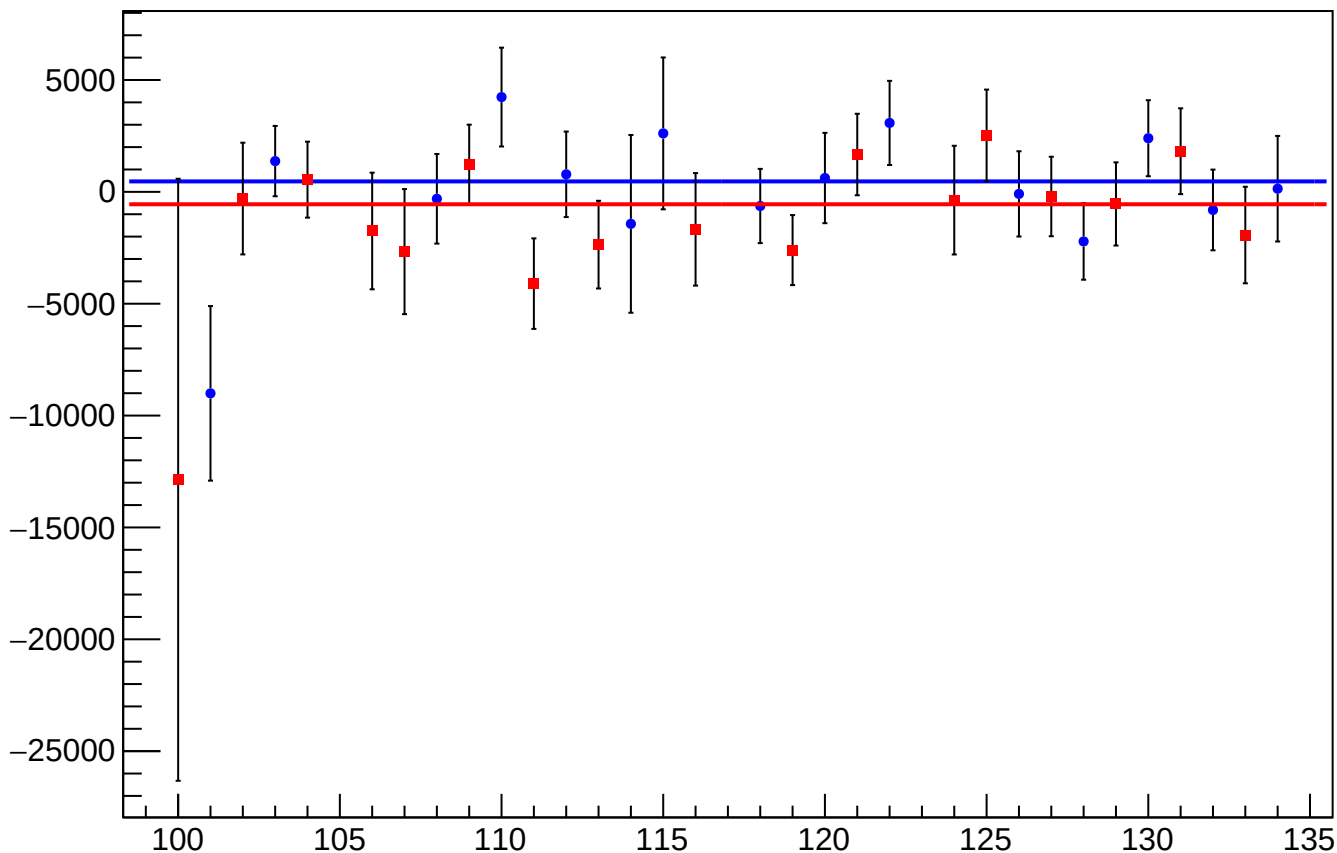
Right: 1326.461+/-0.265 χ^2/NDF : 964396.3/31

In: 1298.757+/-0.372 χ^2/NDF : 396730.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.461+/-0.265 χ^2/NDF : 964396.3/31

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 467.434+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -554.398+/-501.845 χ^2/NDF : 14.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

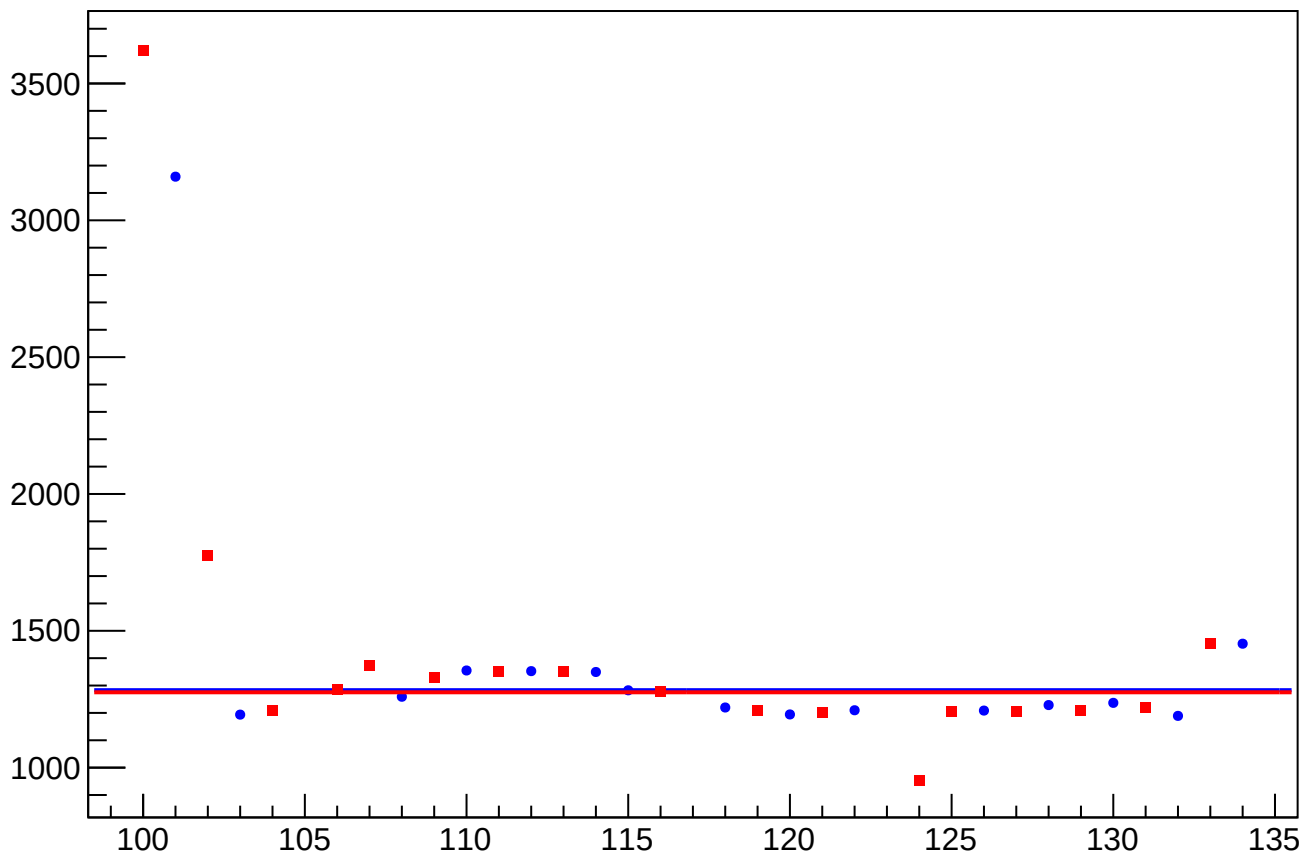
Right: -62.177+/-361.292 χ^2/NDF : 33.2/31

In: 467.434+/-520.557 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.177+/-361.292 χ^2/NDF : 33.2/31

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1283.086+/-0.368 χ^2/NDF : 506911.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1275.340+/-0.355 χ^2/NDF : 220135.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

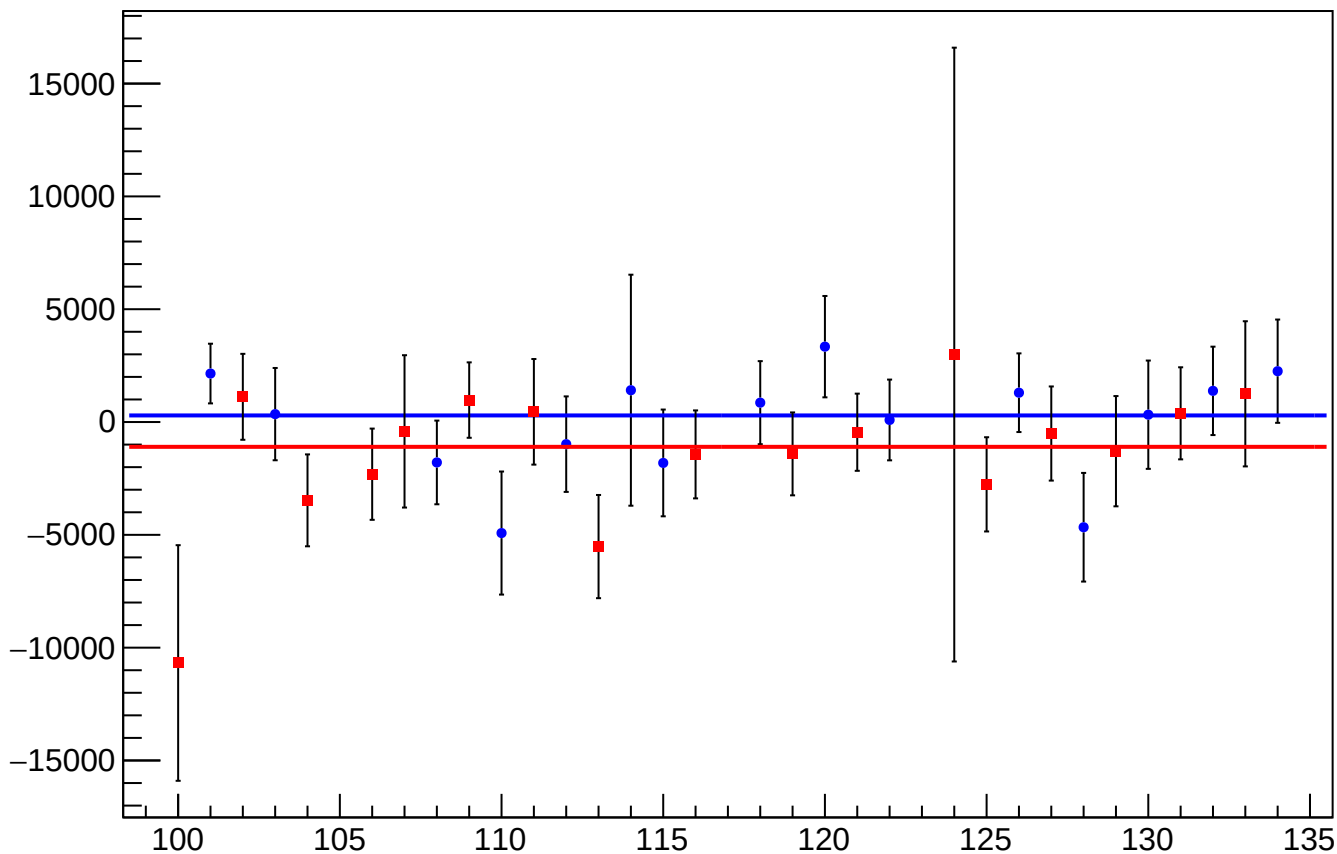
Right: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

In: 1283.086+/-0.368 χ^2/NDF :506911.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.276+/-526.447 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1099.360+/-535.448 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

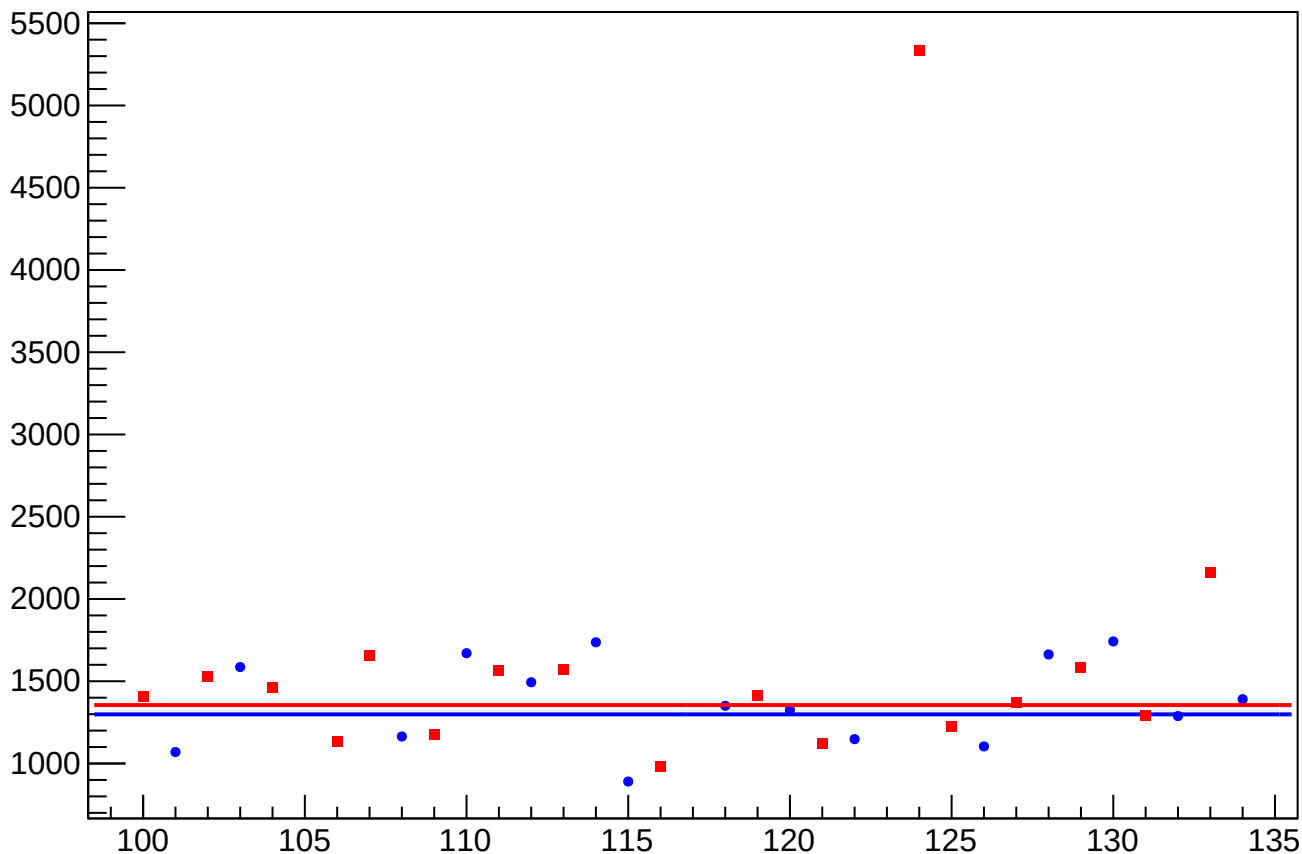
Right: -391.747+/-375.396 χ^2/NDF : 33.4/31

In: 292.276+/-526.447 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.747+/-375.396 χ^2/NDF : 33.4/31

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1298.753 $\pm$ 0.372 χ^2/NDF : 396735.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 1355.119 $\pm$ 0.379 χ^2/NDF : 556398.8/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

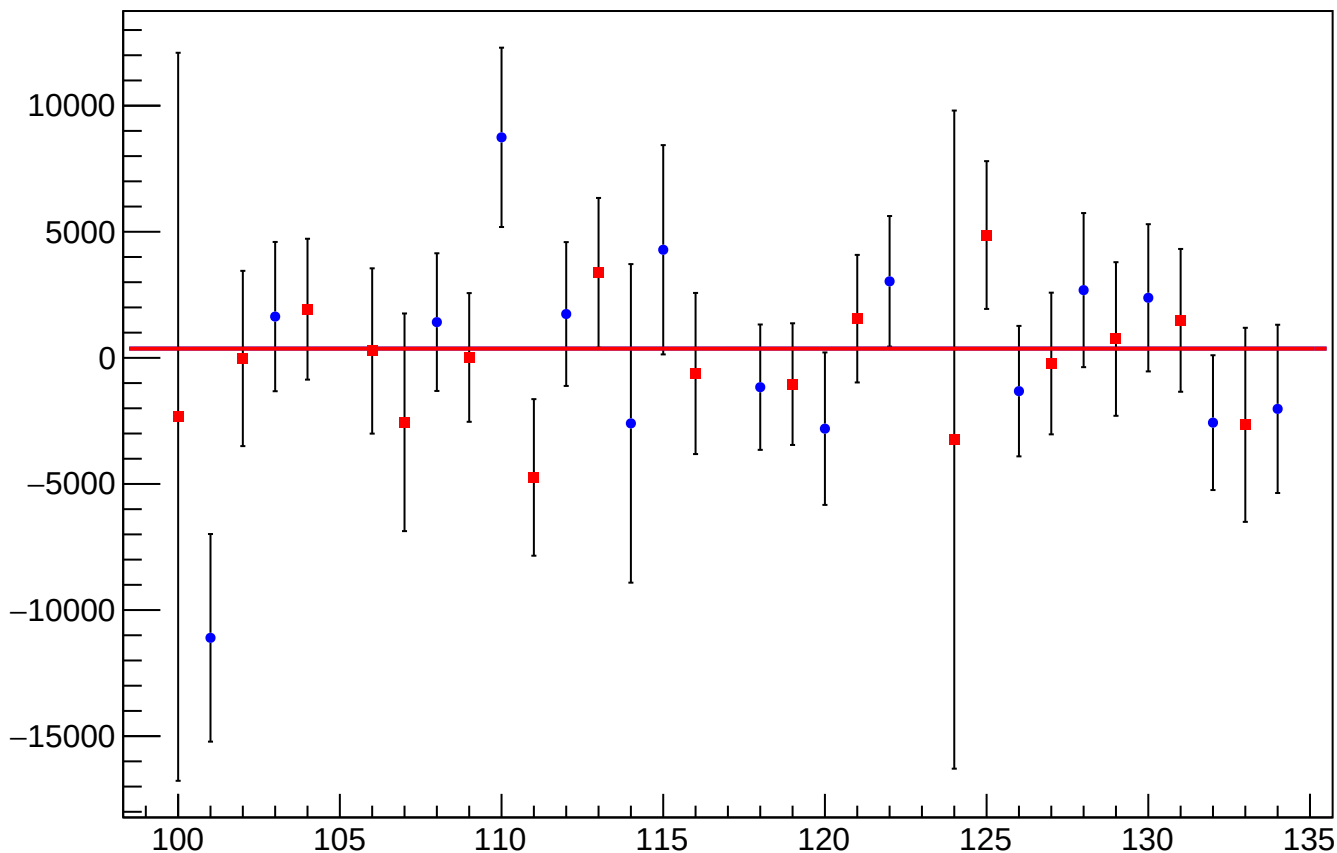
Right: 1326.458 $\pm$ 0.265 χ^2/NDF : 964403.2/31

In: 1298.753 $\pm$ 0.372 χ^2/NDF :396735.1/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 1326.458 $\pm$ 0.265 χ^2/NDF : 964403.2/31

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 369.542 $\pm$ 786.441 χ^2 /NDF: 20.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 365.785 $\pm$ 765.056 χ^2 /NDF: 8.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

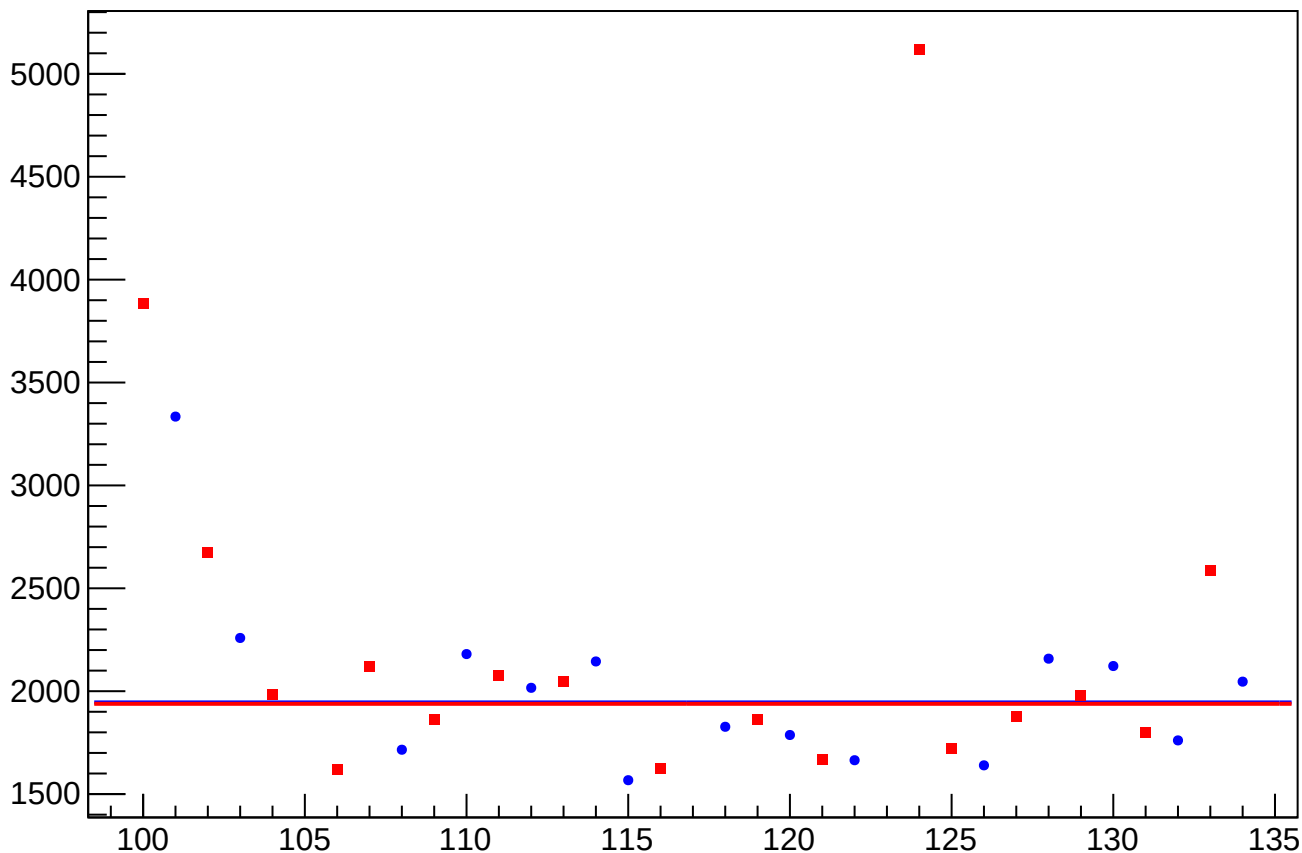
Right: 367.612 $\pm$ 548.381 χ^2 /NDF: 29.2/31

In: 369.542 $\pm$ 786.441 χ^2 /NDF:20.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 367.612 $\pm$ 548.381 χ^2 /NDF: 29.2/31

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1945.410+/-0.556 χ^2/NDF : 382775.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1938.744+/-0.541 χ^2/NDF : 394697.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

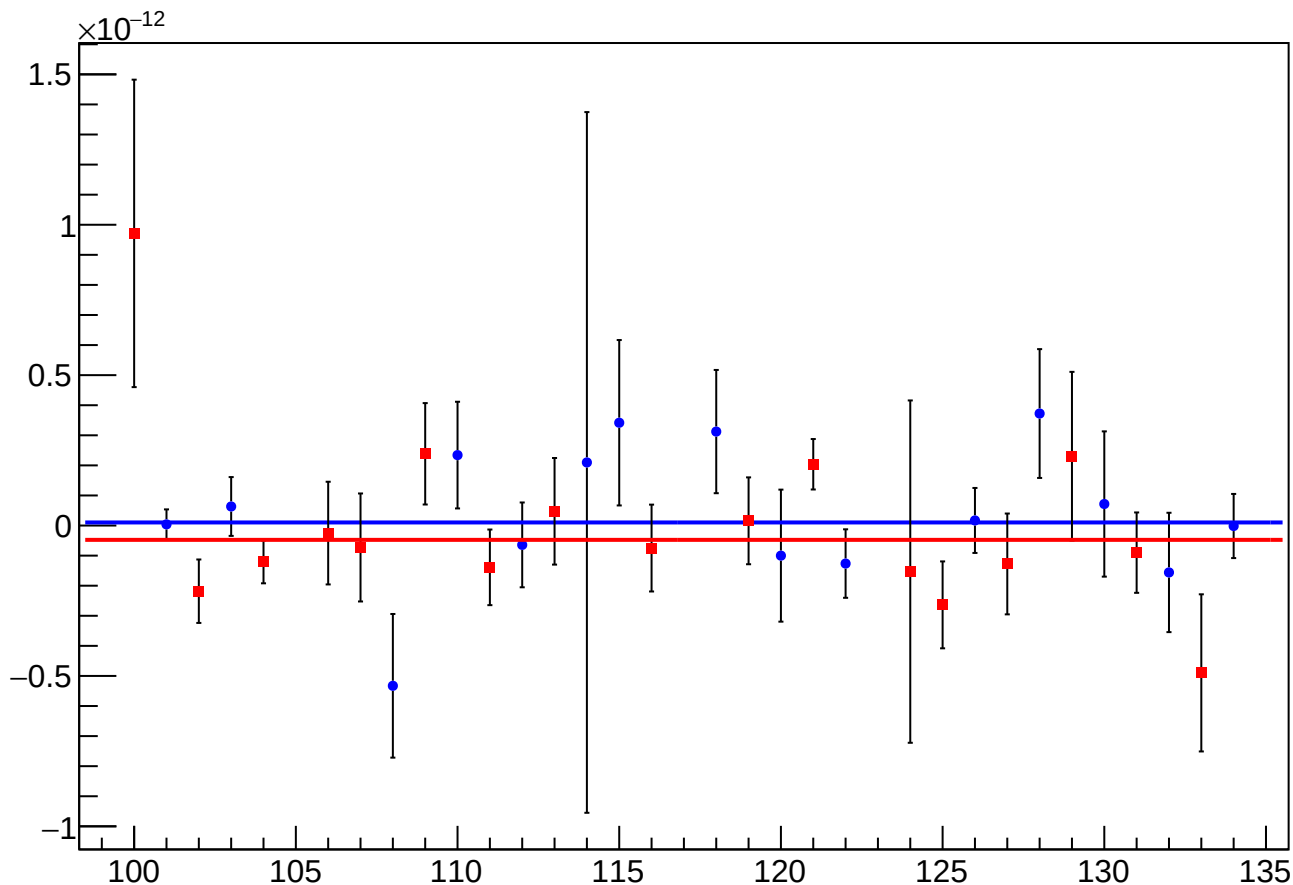
Right: 1941.985+/-0.388 χ^2/NDF : 777546.6/31

In: 1945.410+/-0.556 χ^2/NDF : 382775.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.985+/-0.388 χ^2/NDF : 777546.6/31

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 27.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

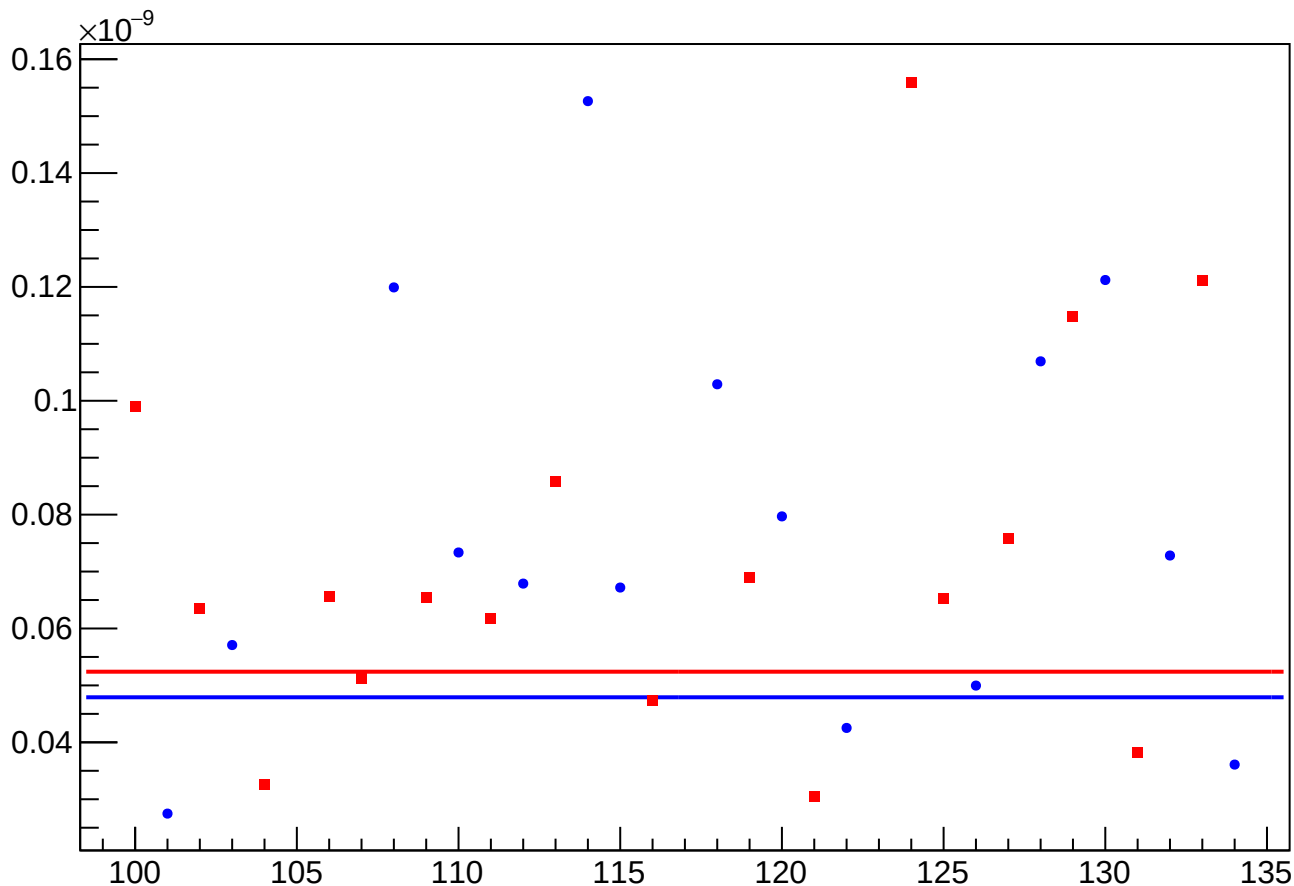
Right: -0.000+/-0.000 χ^2/NDF : 45.0/31

In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 45.0/31

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1226740.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 844884.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

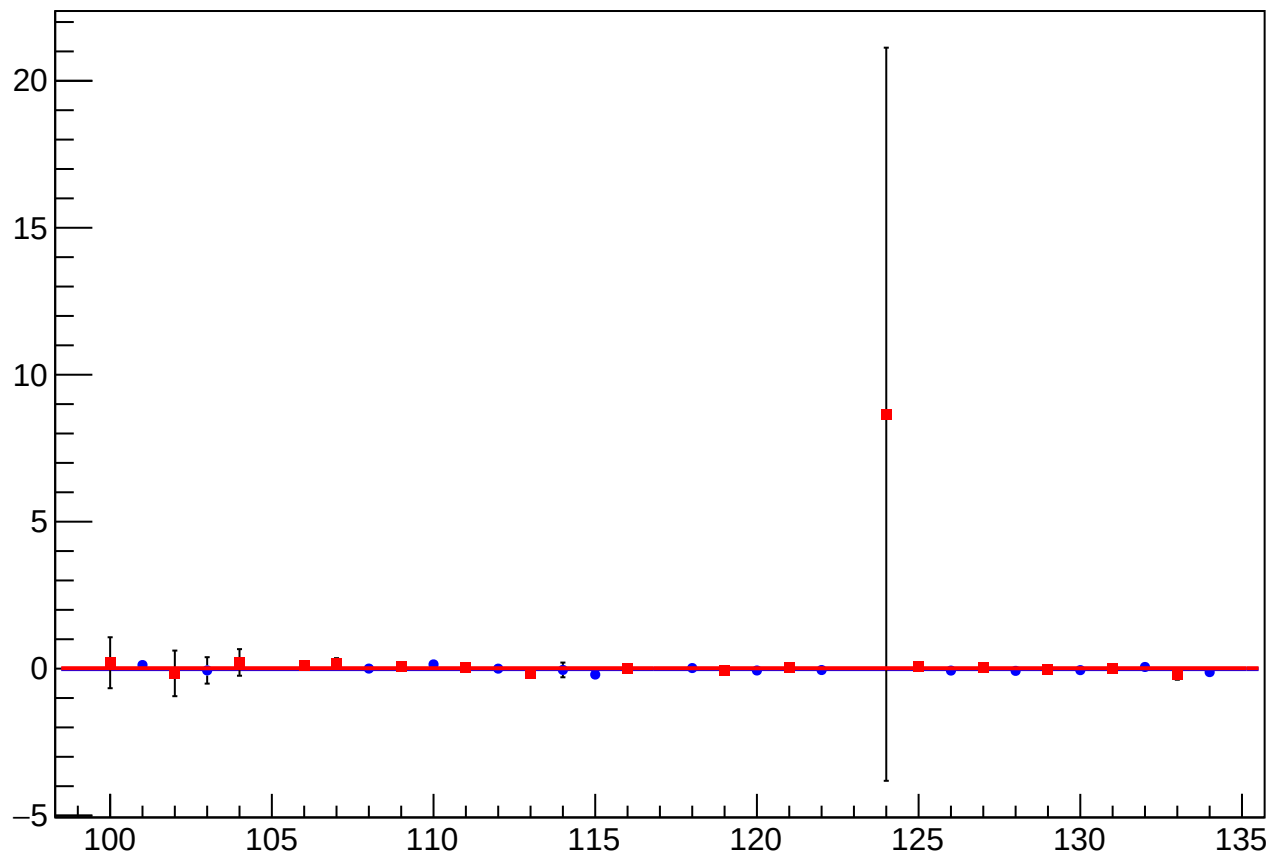
Right: 0.000+/-0.000 χ^2/NDF : 2090533.9/31

In: 0.000+/-0.000 χ^2/NDF : 1226740.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2090533.9/31

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

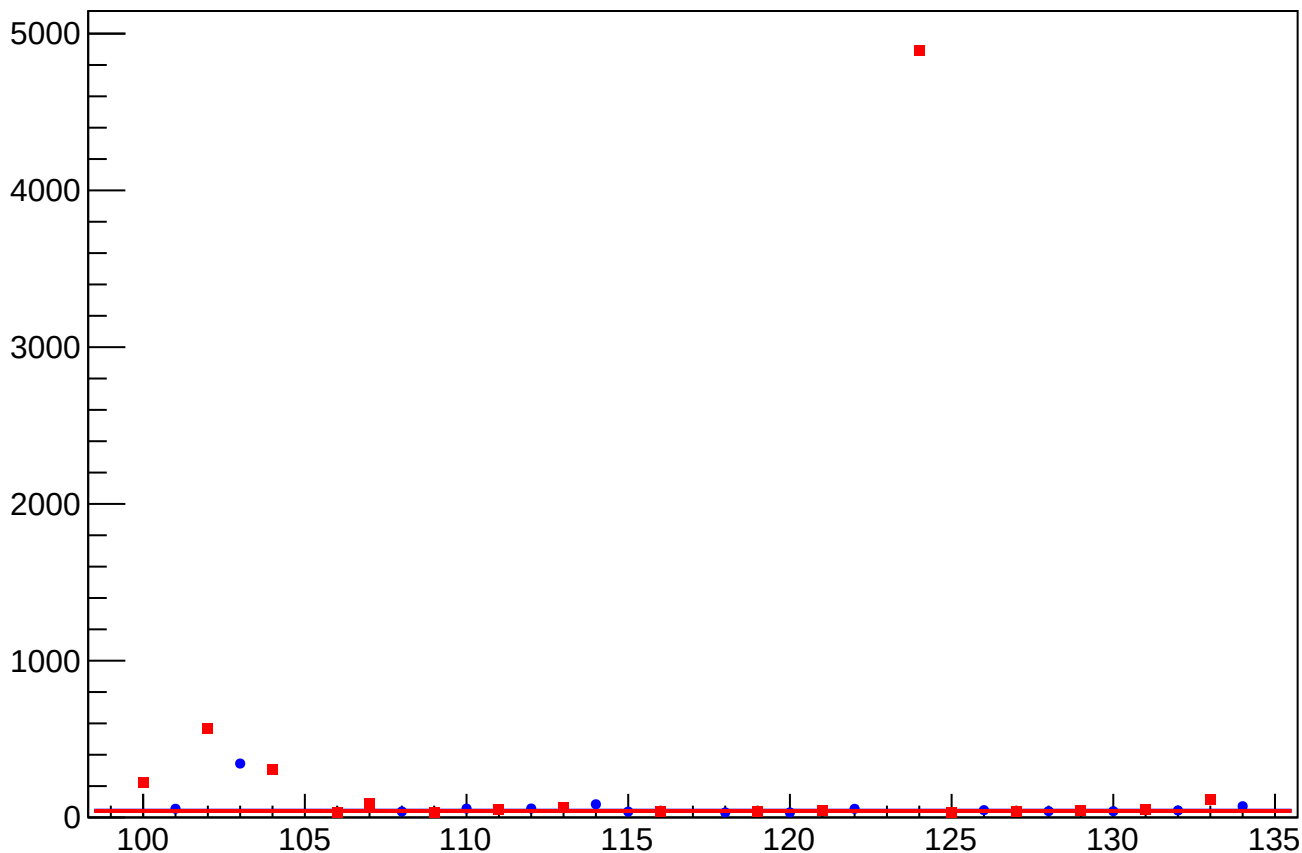
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.012+/-0.014 χ^2/NDF : 1466685.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.239+/-0.014 χ^2/NDF : 2799445.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

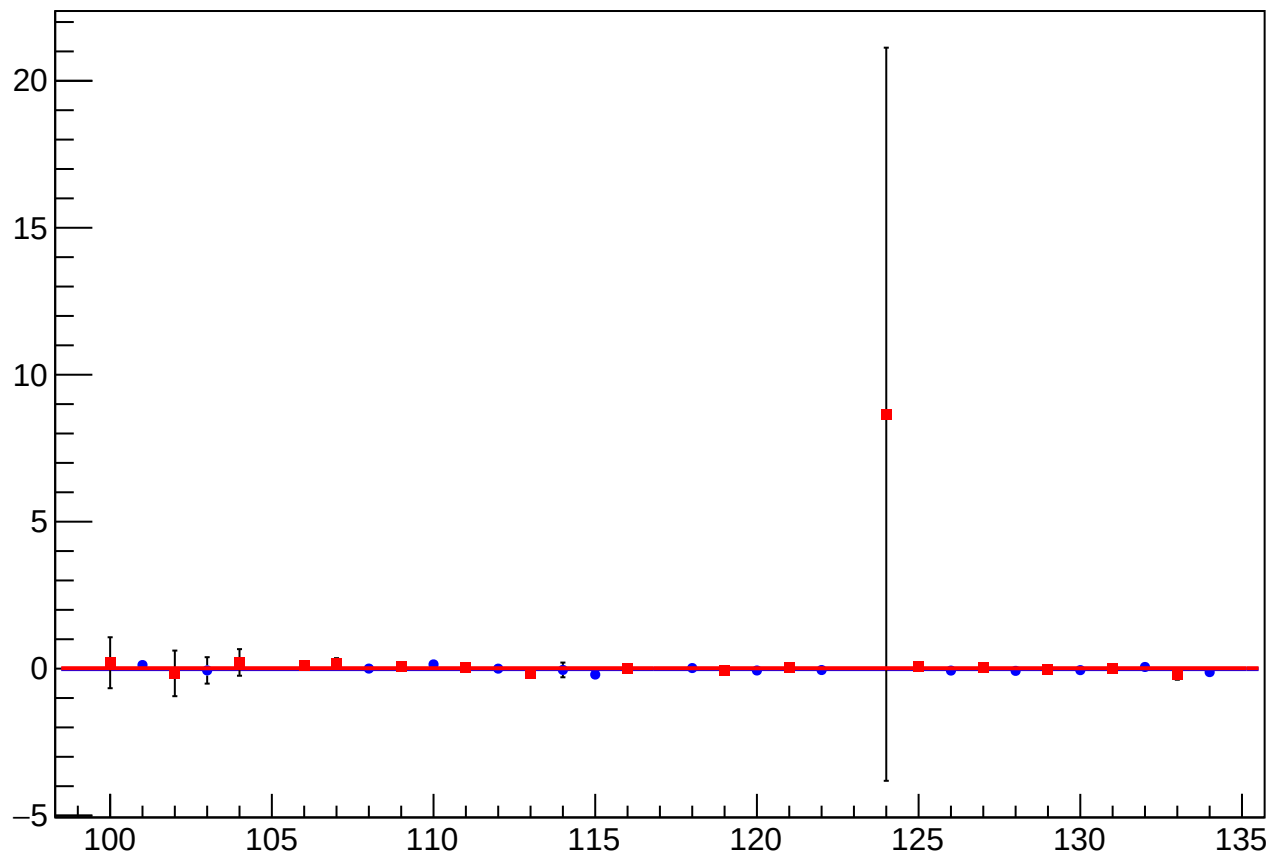
Right: 42.129+/-0.010 χ^2/NDF : 4274447.3/31

In: 43.012+/-0.014 χ^2/NDF : 1466685.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.129+/-0.010 χ^2/NDF : 4274447.3/31

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

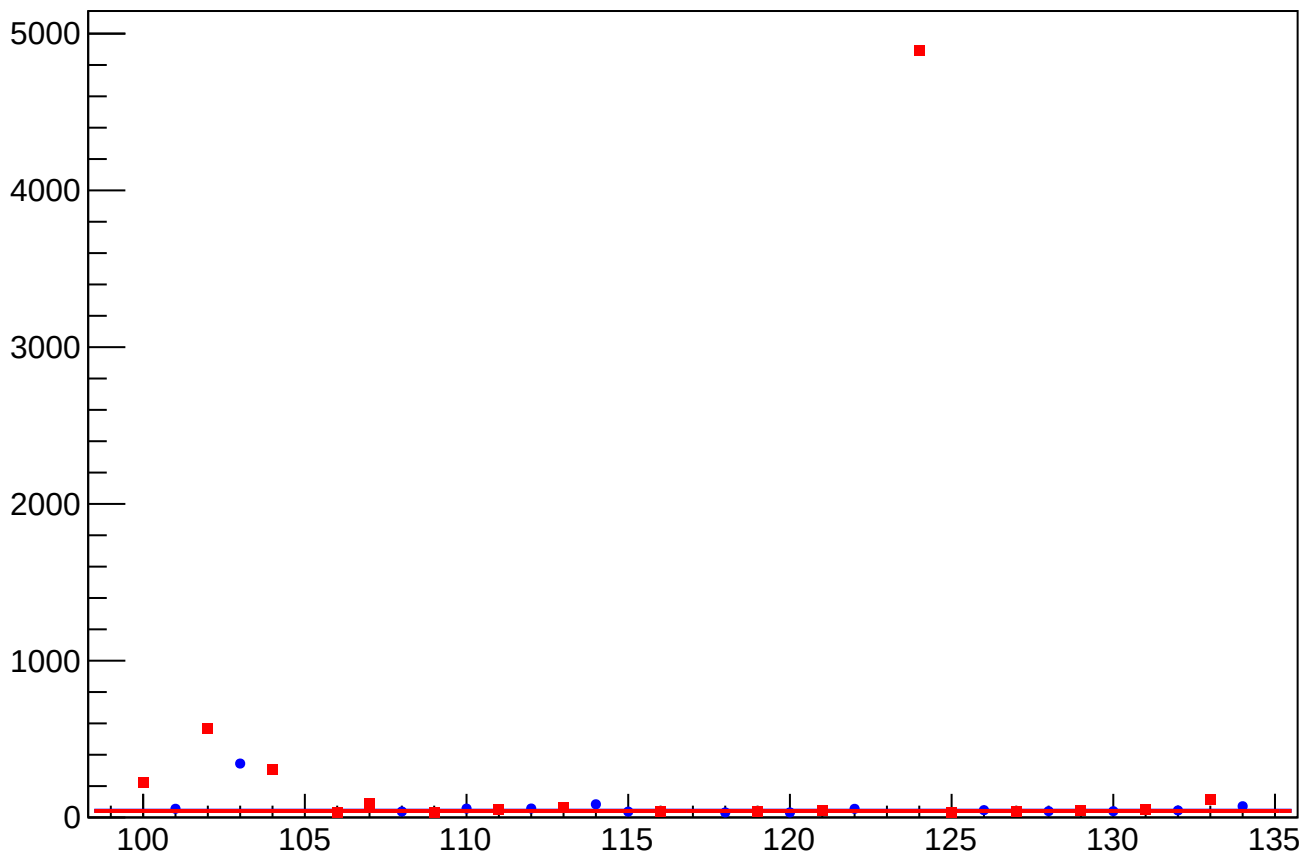
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466685.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.239 $\pm$ 0.014 χ^2 /NDF: 2799445.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

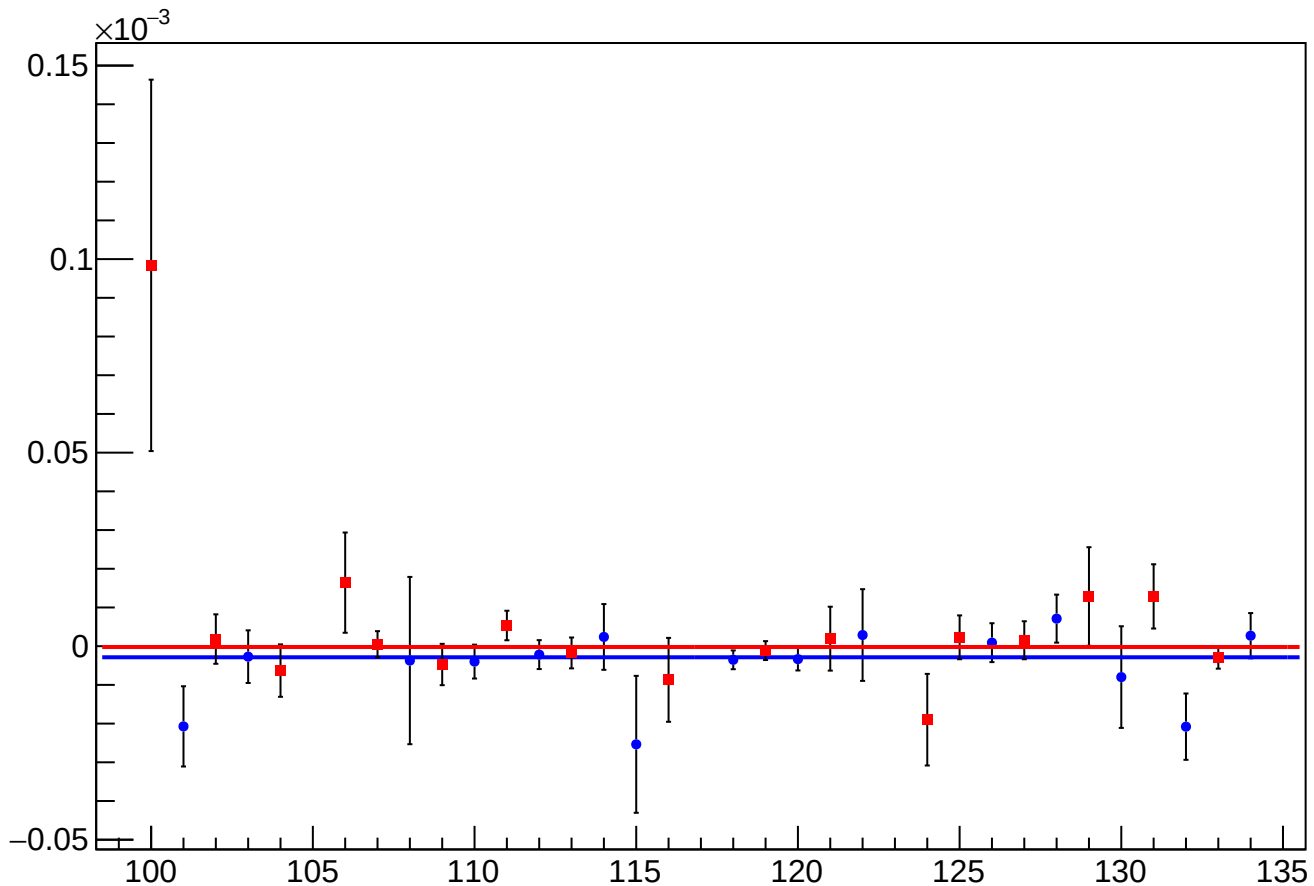
Right: 42.129 $\pm$ 0.010 χ^2 /NDF: 4274447.3/31

In: 43.012 $\pm$ 0.014 χ^2 /NDF:1466685.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.129 $\pm$ 0.010 χ^2 /NDF: 4274447.3/31

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 : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

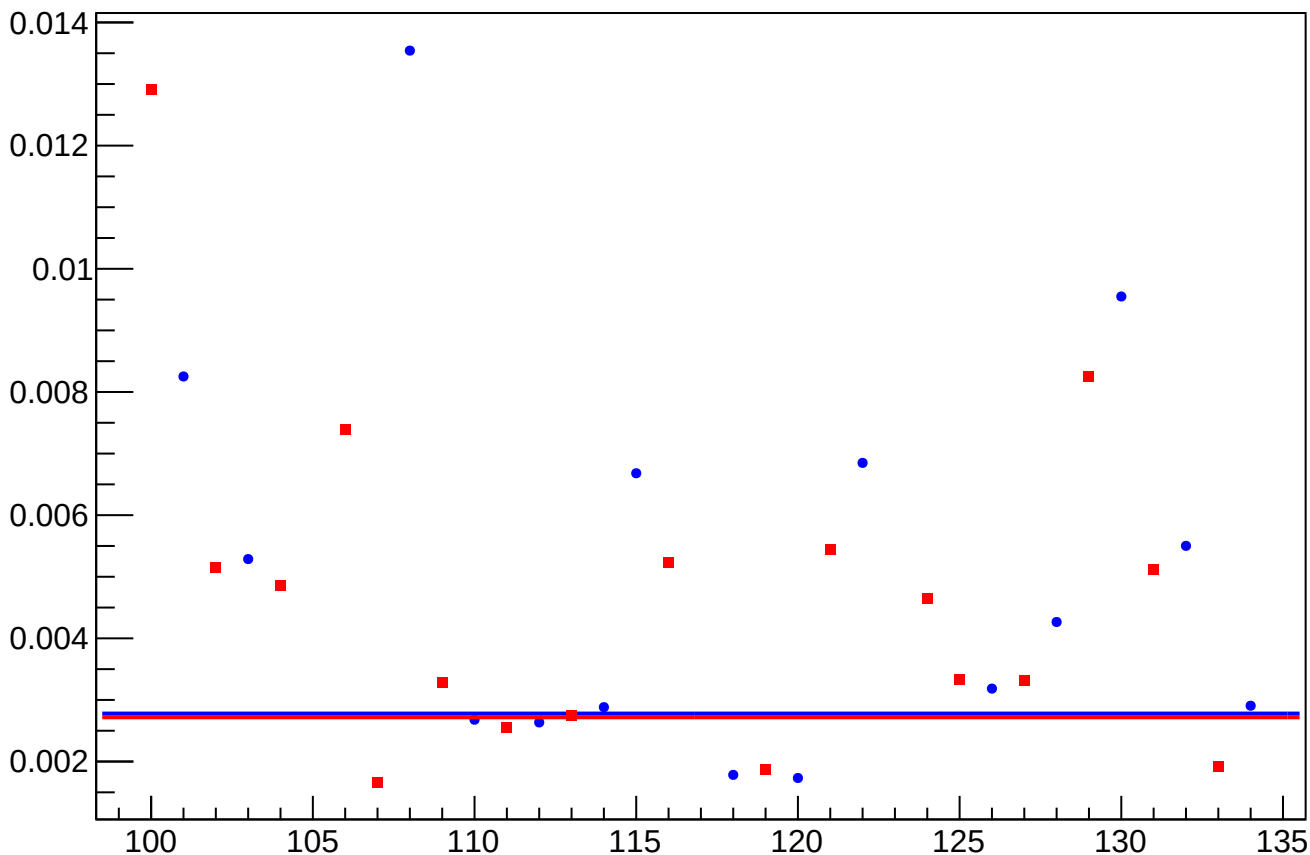
Right: -0.000+/-0.000 χ^2/NDF : 34.2/31

In: -0.000+/-0.000 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/31

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3116967.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2442211.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

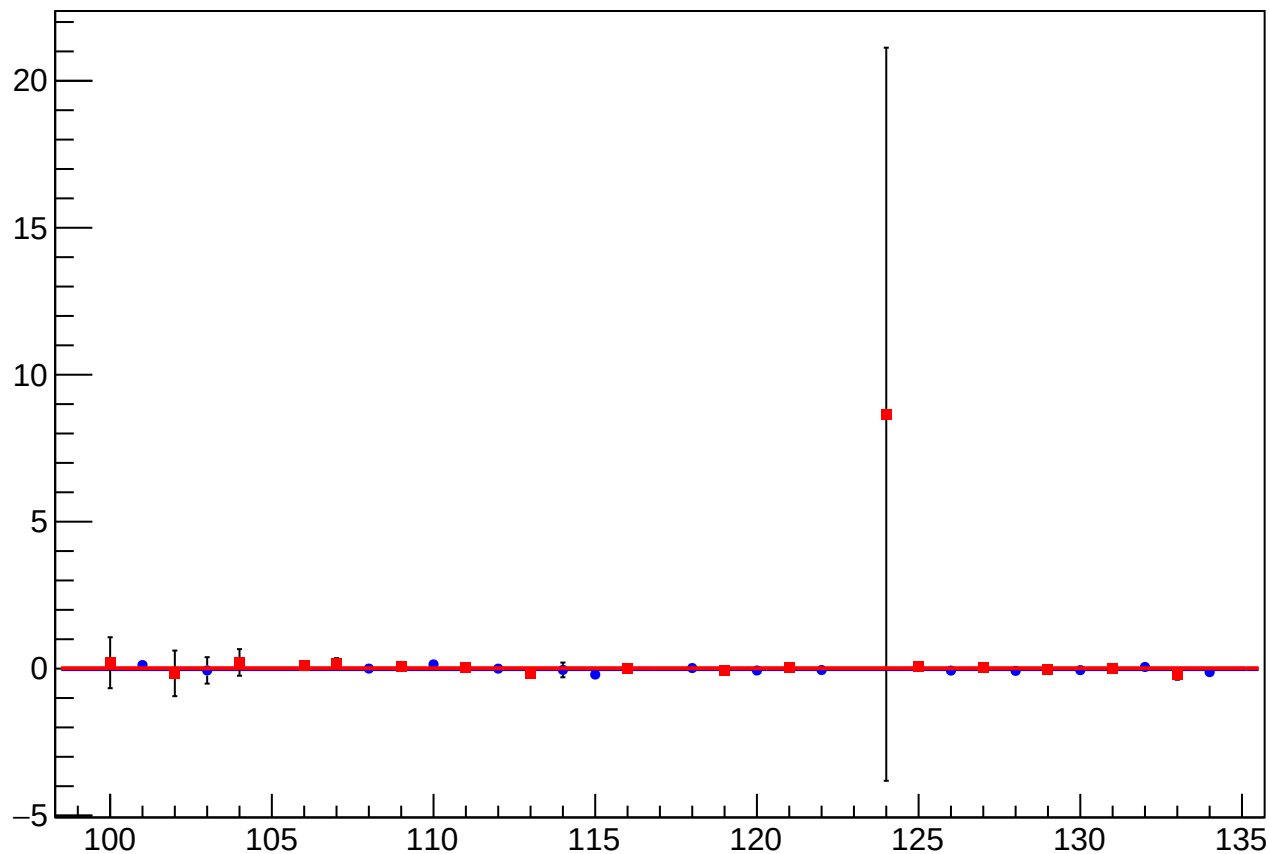
Right: 0.003+/-0.000 χ^2/NDF : 5561533.5/31

In: 0.003+/-0.000 χ^2/NDF :3116967.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5561533.5/31

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

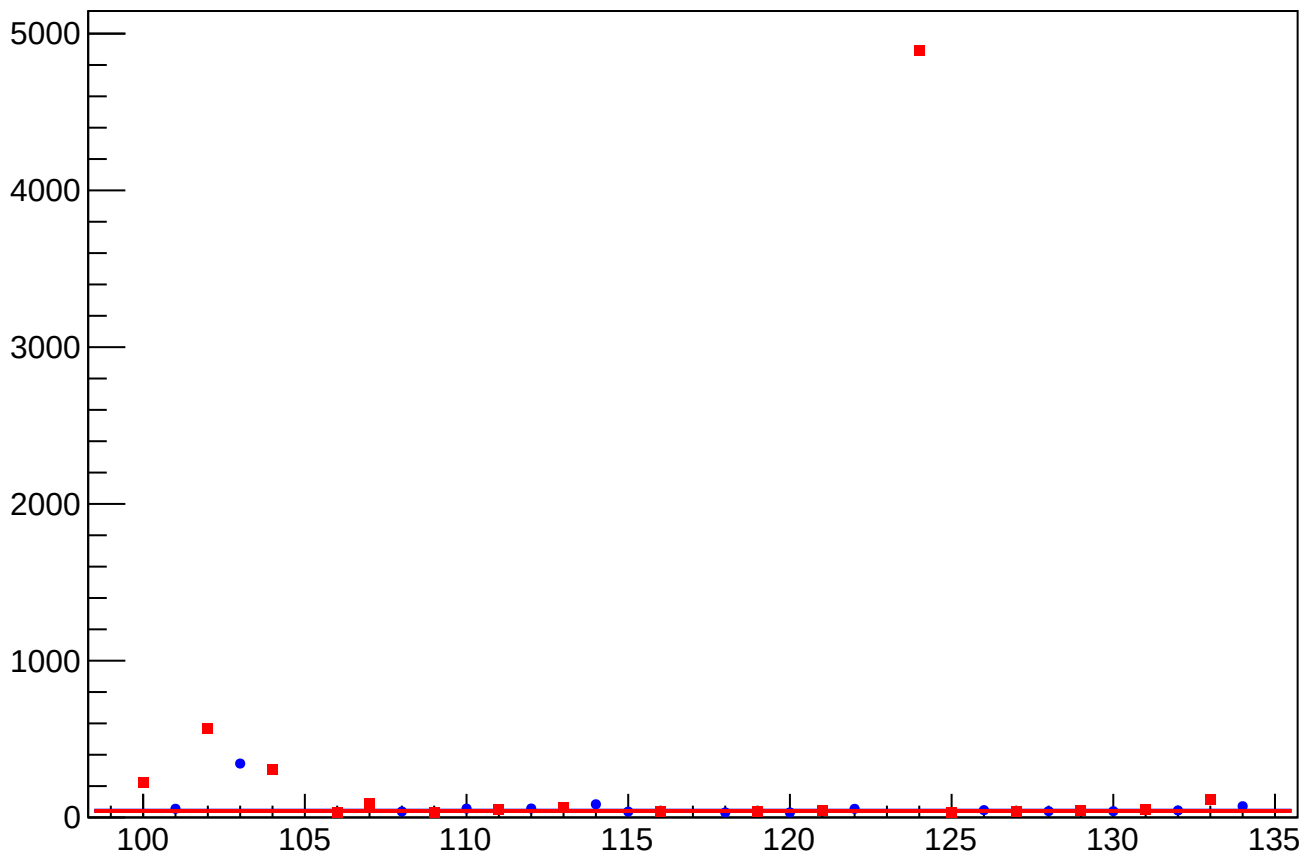
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

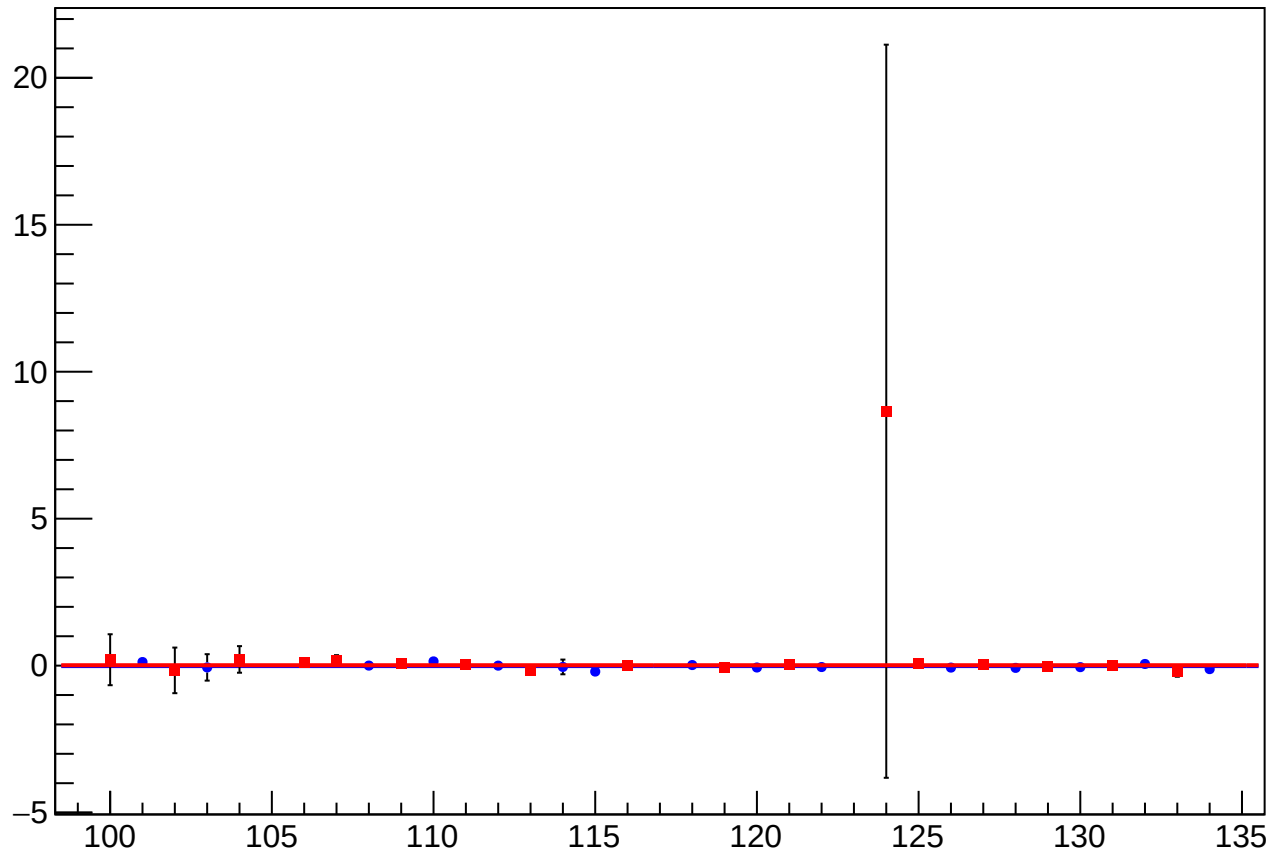
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

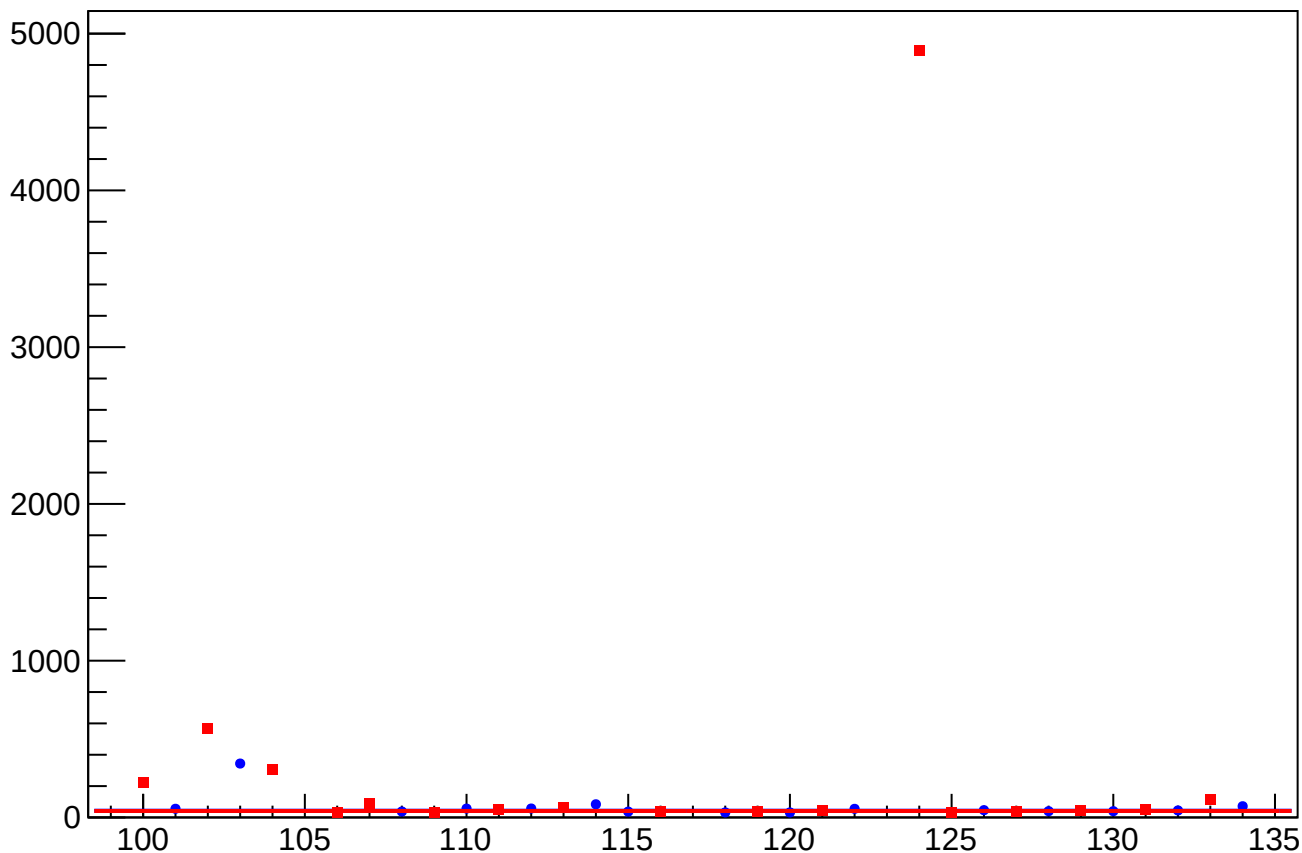
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

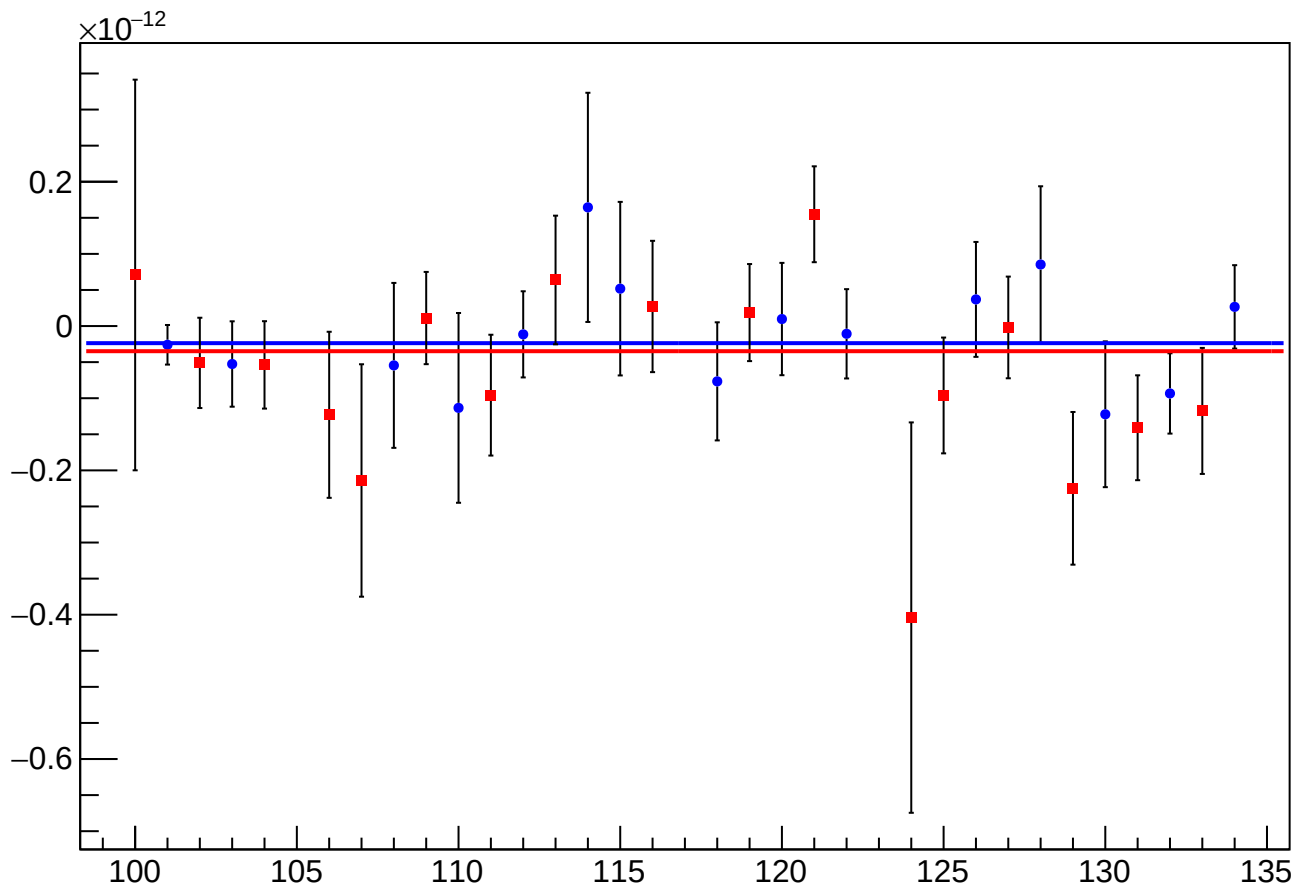
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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: 8.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 22.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

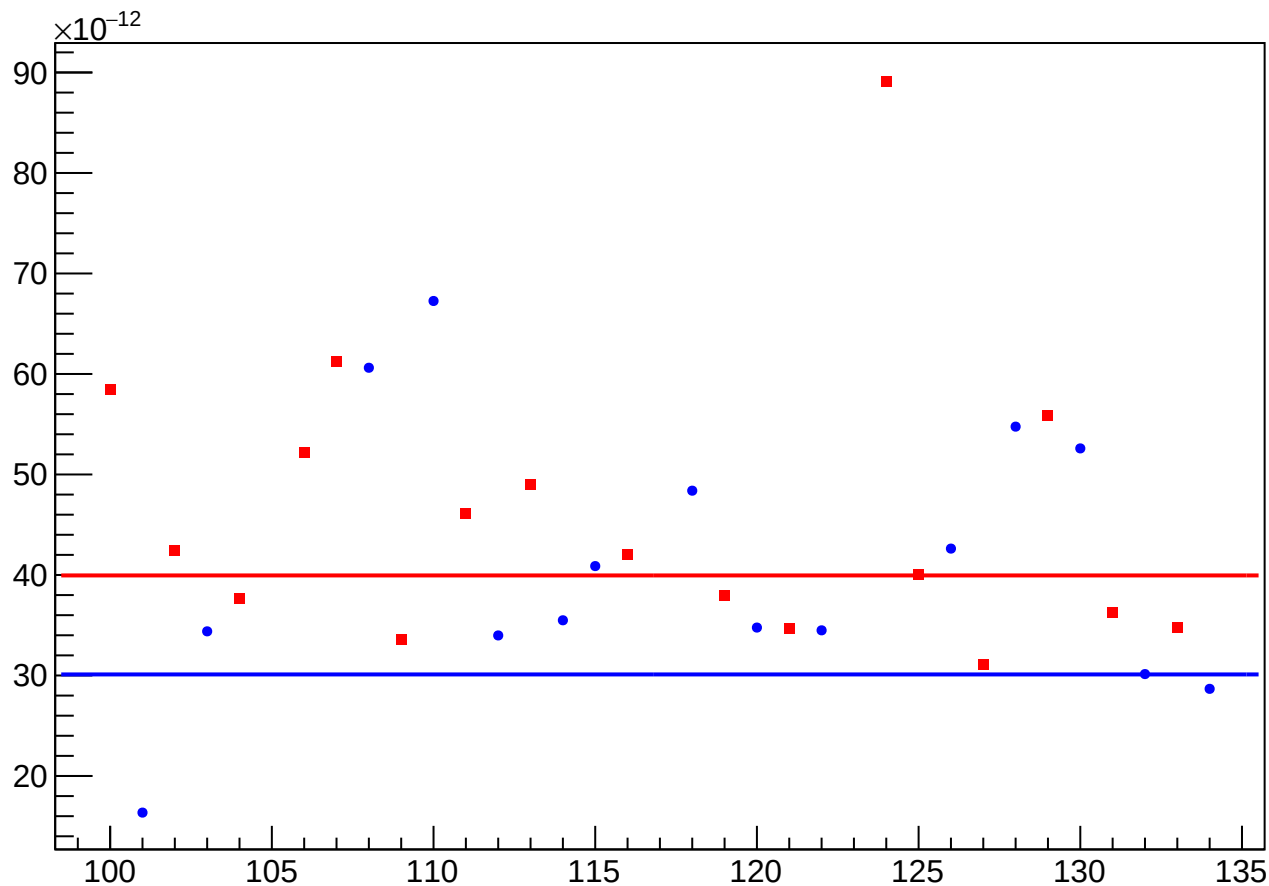
Right: -0.000+/-0.000 χ^2 /NDF: 30.9/31

In: -0.000+/-0.000 χ^2 /NDF:8.1/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.9/31

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 : 1212034.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 294973.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

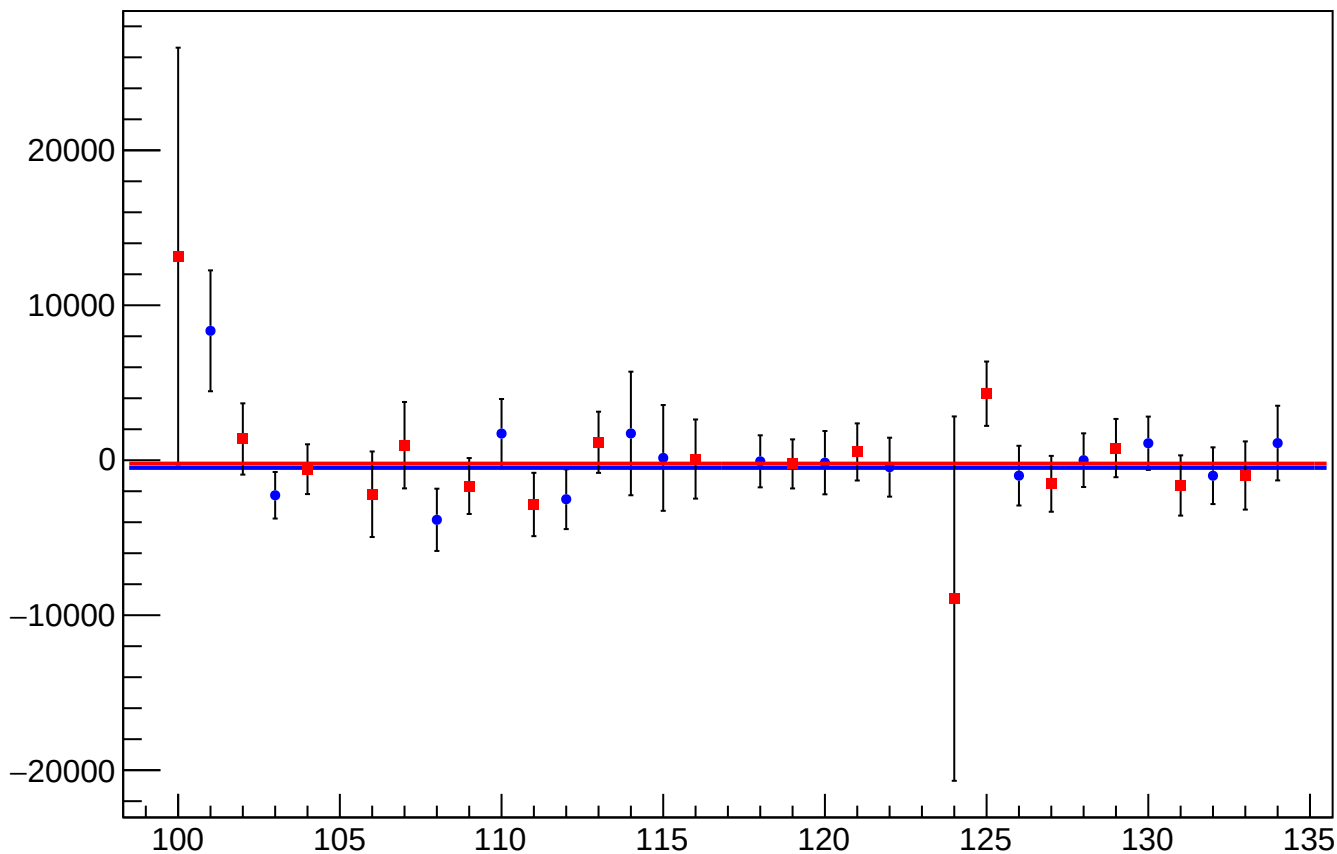
Right: 0.000+/-0.000 χ^2/NDF : 1797004.6/31

In: 0.000+/-0.000 χ^2/NDF : 1212034.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1797004.6/31

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -492.842 $\pm$ 522.899 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -217.420 $\pm$ 513.494 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

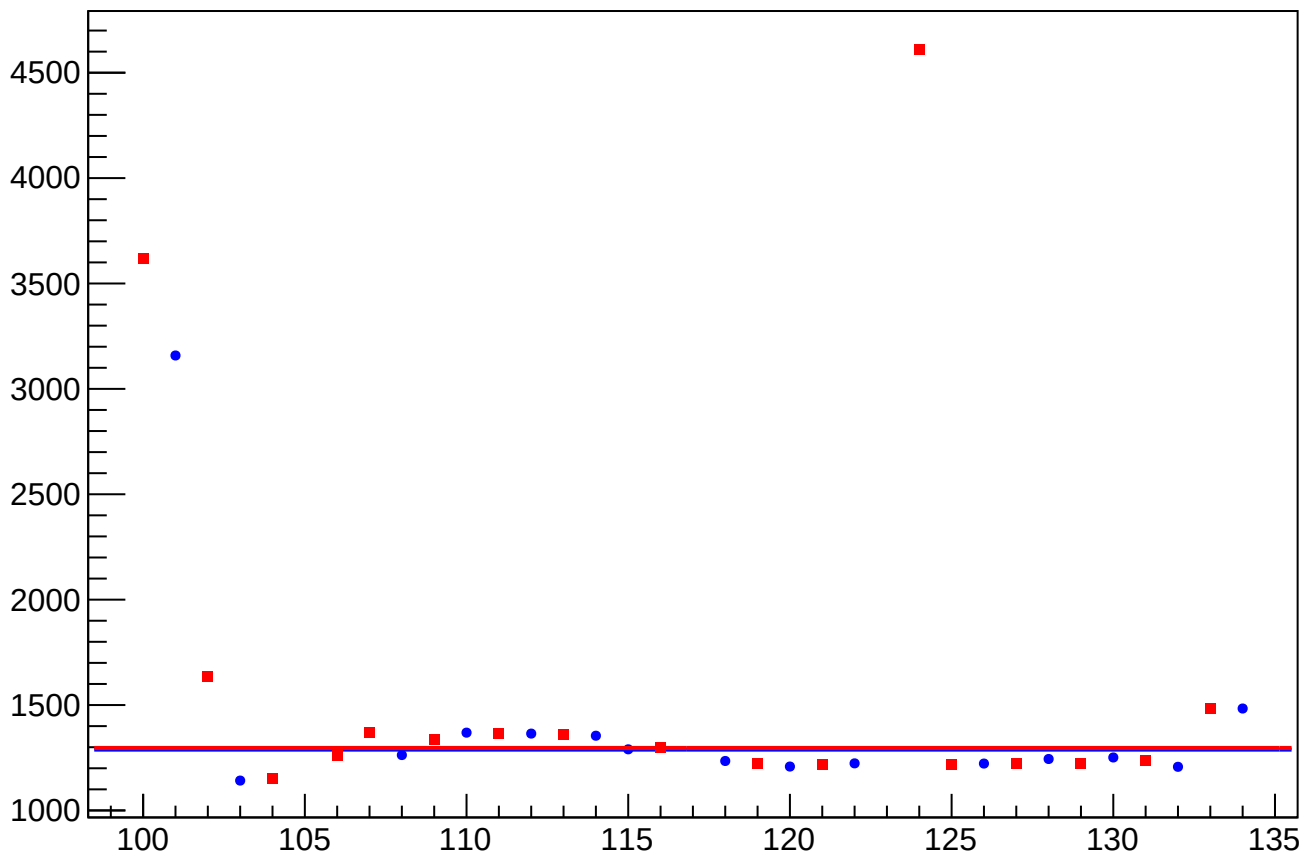
Right: -352.632 $\pm$ 366.375 χ^2 /NDF: 25.4/31

In: -492.842 $\pm$ 522.899 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -352.632 $\pm$ 366.375 χ^2 /NDF: 25.4/31

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514622.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1296.555 $\pm$ 0.362 χ^2 /NDF: 318960.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

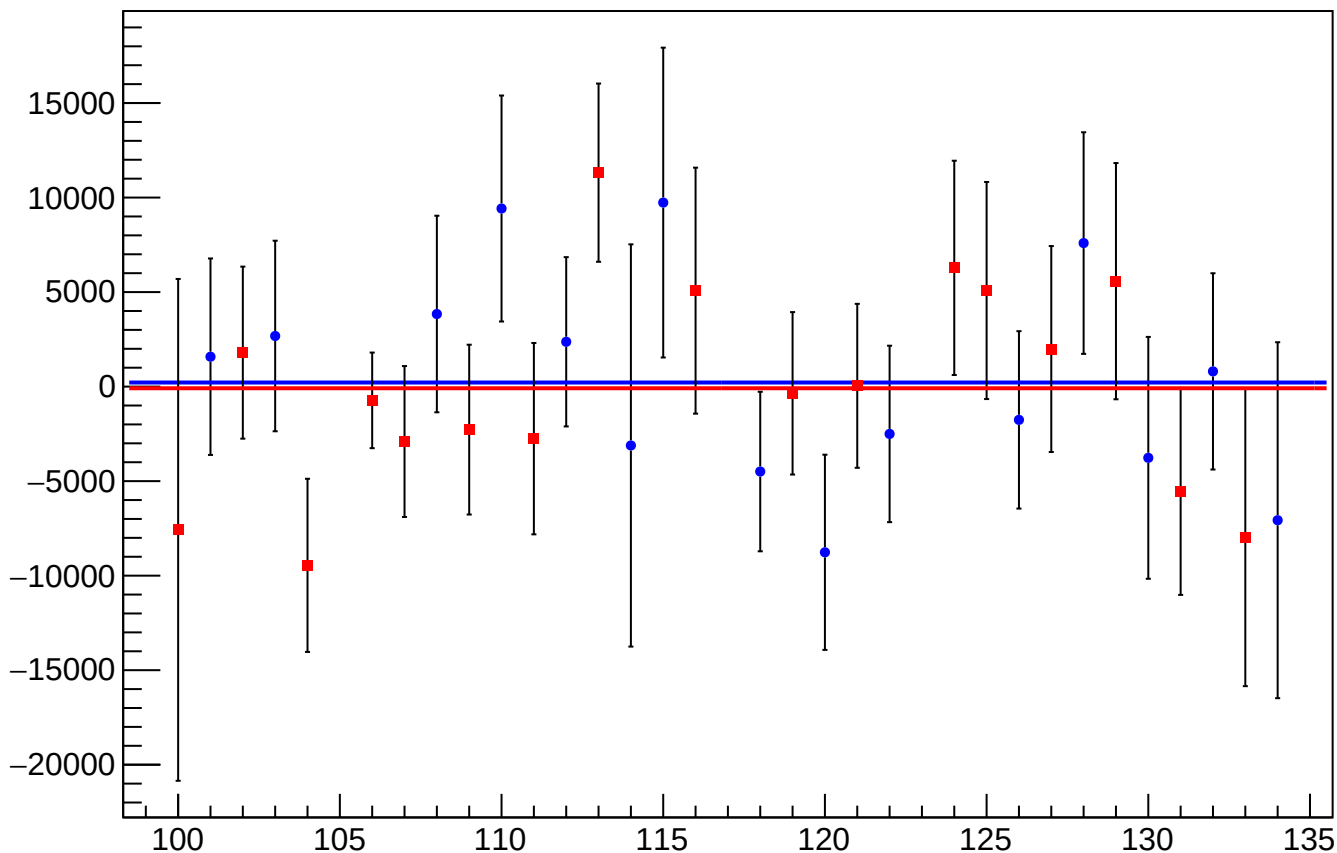
Right: 1292.620 $\pm$ 0.259 χ^2 /NDF: 833824.4/31

In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514622.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1292.620 $\pm$ 0.259 χ^2 /NDF: 833824.4/31

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 216.575+/-1411.418 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.795+/-1150.348 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

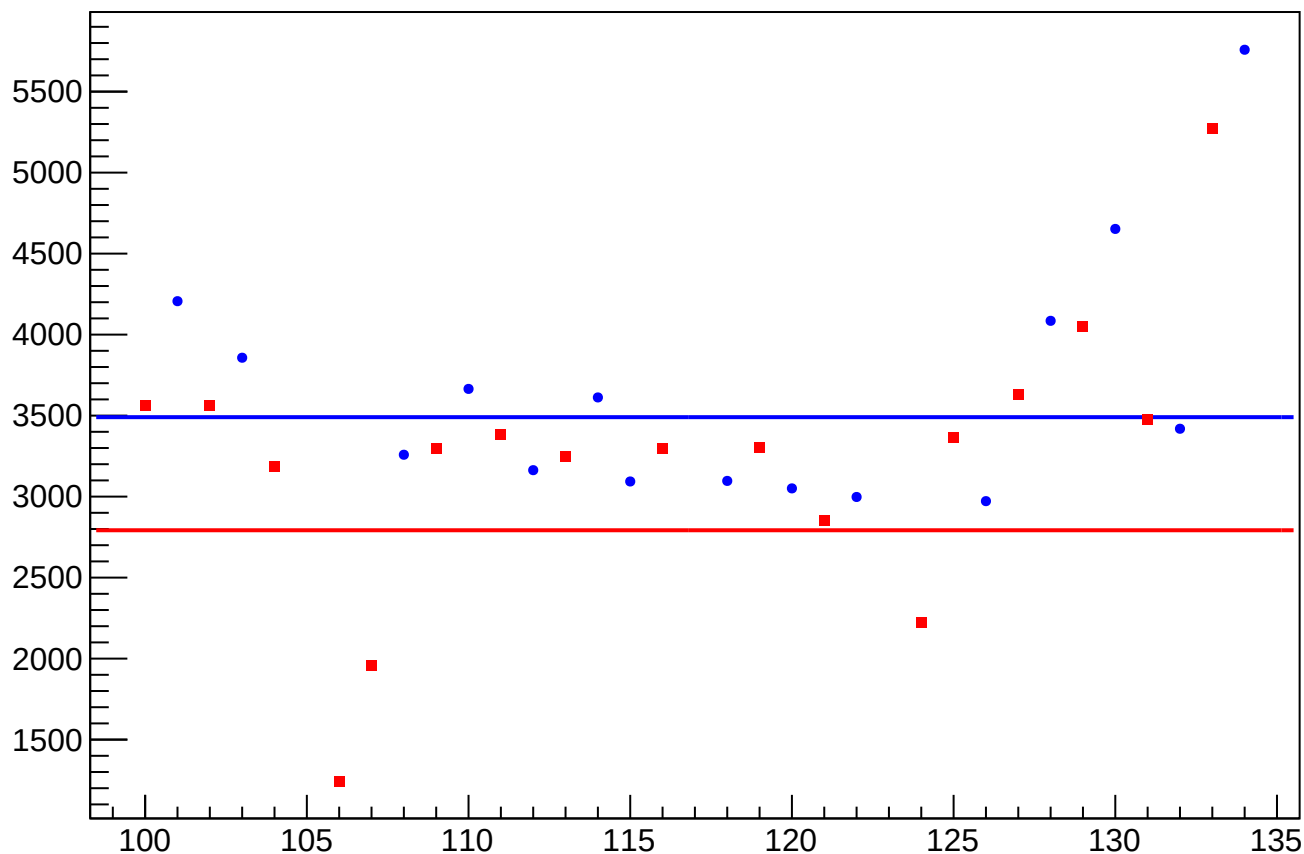
Right: 34.291+/-891.696 χ^2/NDF : 29.5/31

In: 216.575+/-1411.418 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.291+/-891.696 χ^2/NDF : 29.5/31

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2792.290+/-0.813 χ^2/NDF : 1429809.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

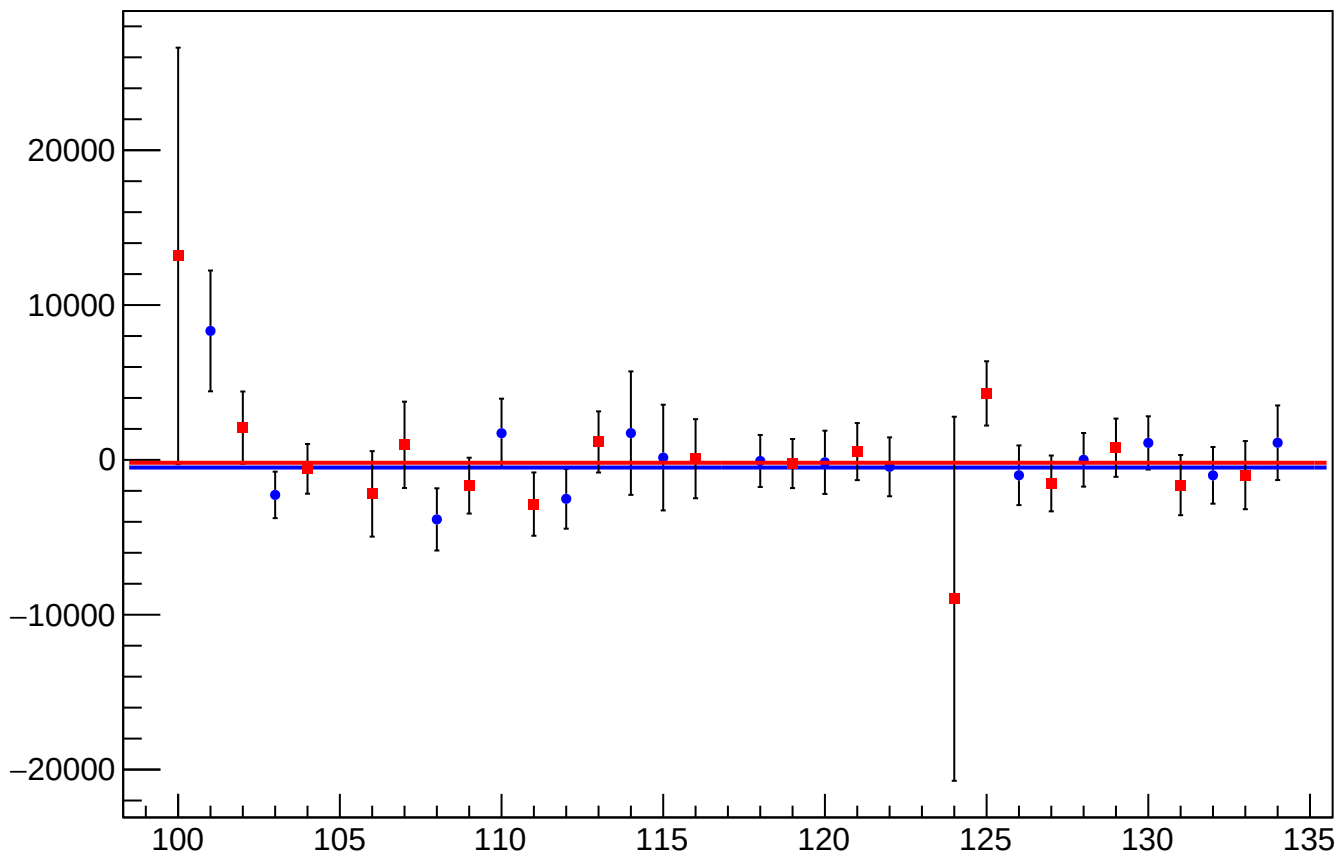
Right: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -493.297 $\pm$ 522.899 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -185.468 $\pm$ 513.871 χ^2 /NDF: 12.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

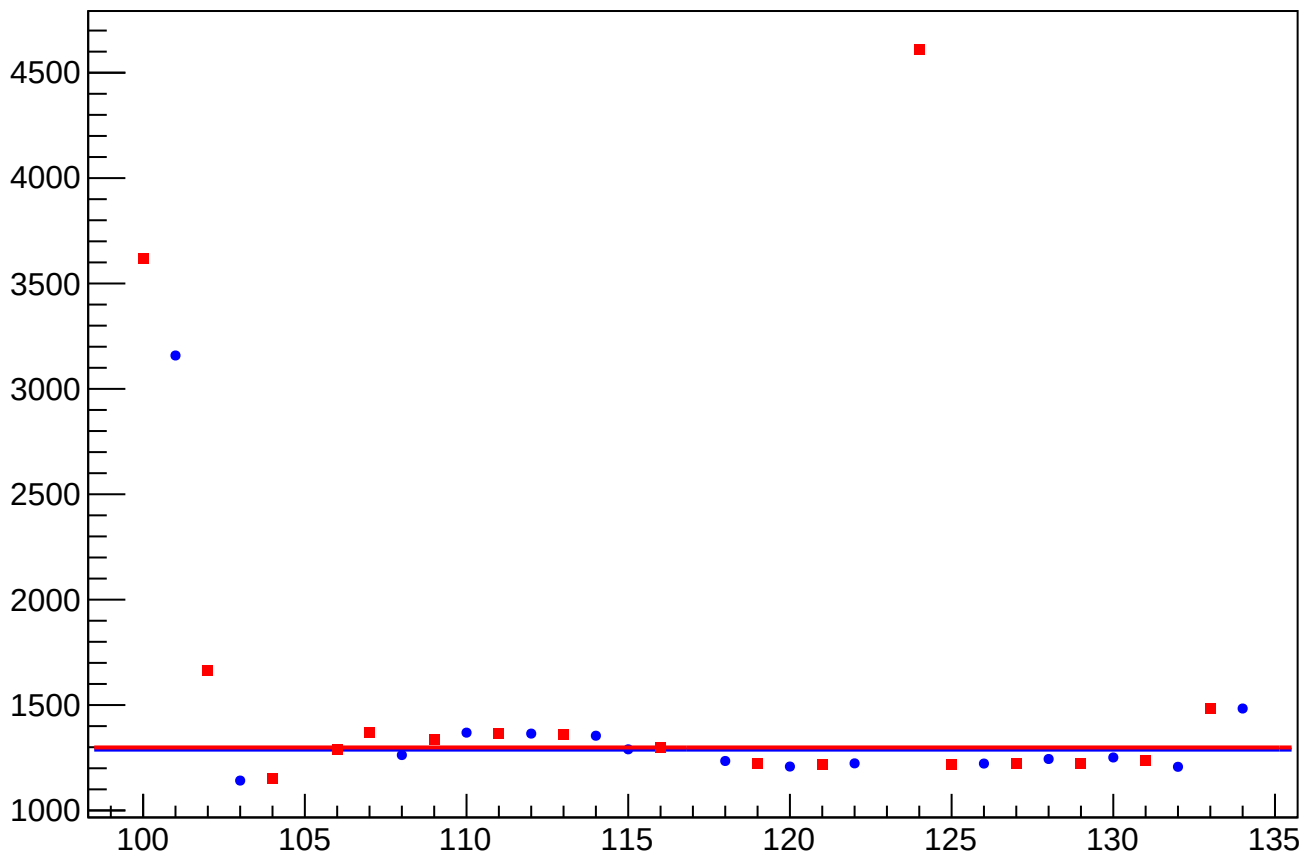
Right: -336.703 $\pm$ 366.512 χ^2 /NDF: 25.9/31

In: -493.297 $\pm$ 522.899 χ^2 /NDF:13.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -336.703 $\pm$ 366.512 χ^2 /NDF: 25.9/31

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

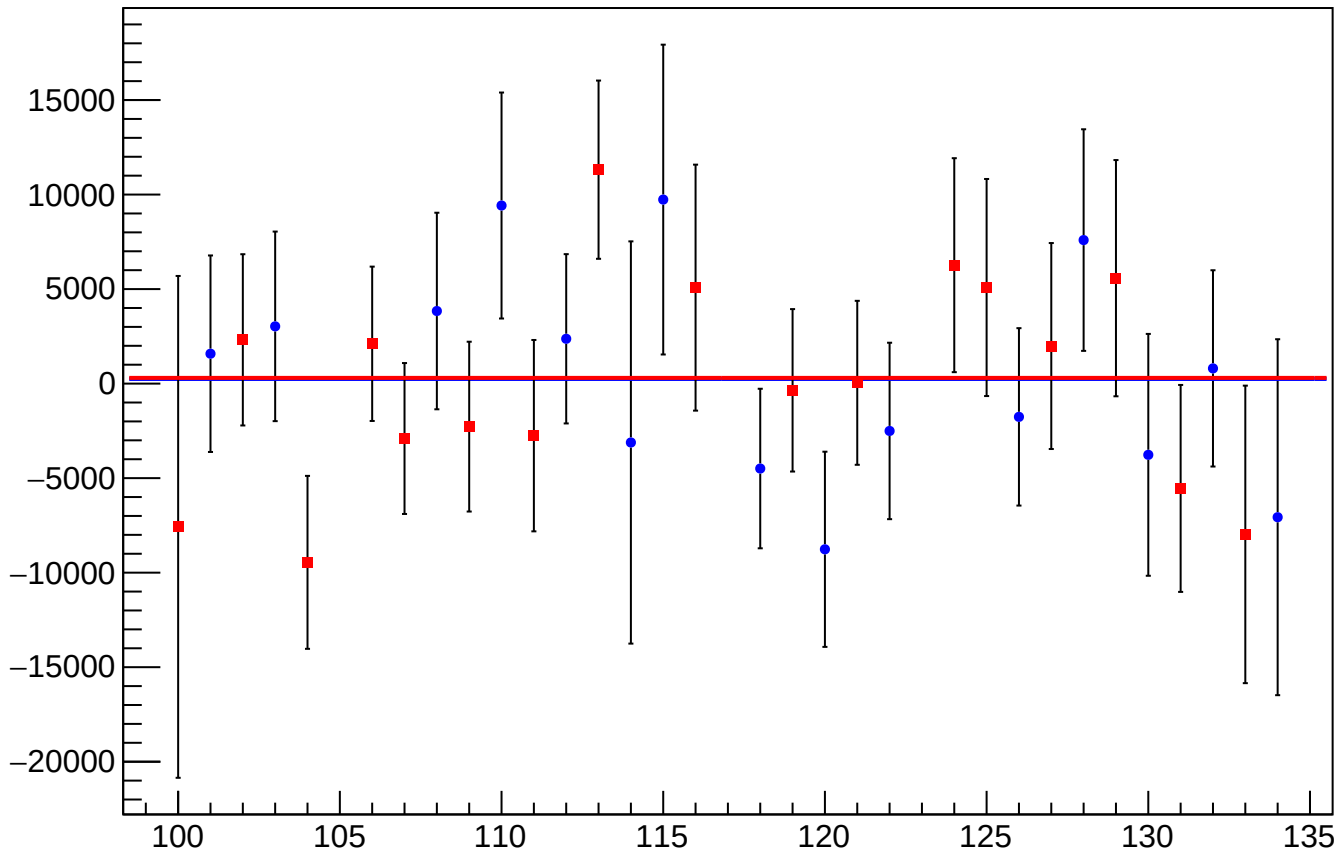
Right: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.867+/-1230.941 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

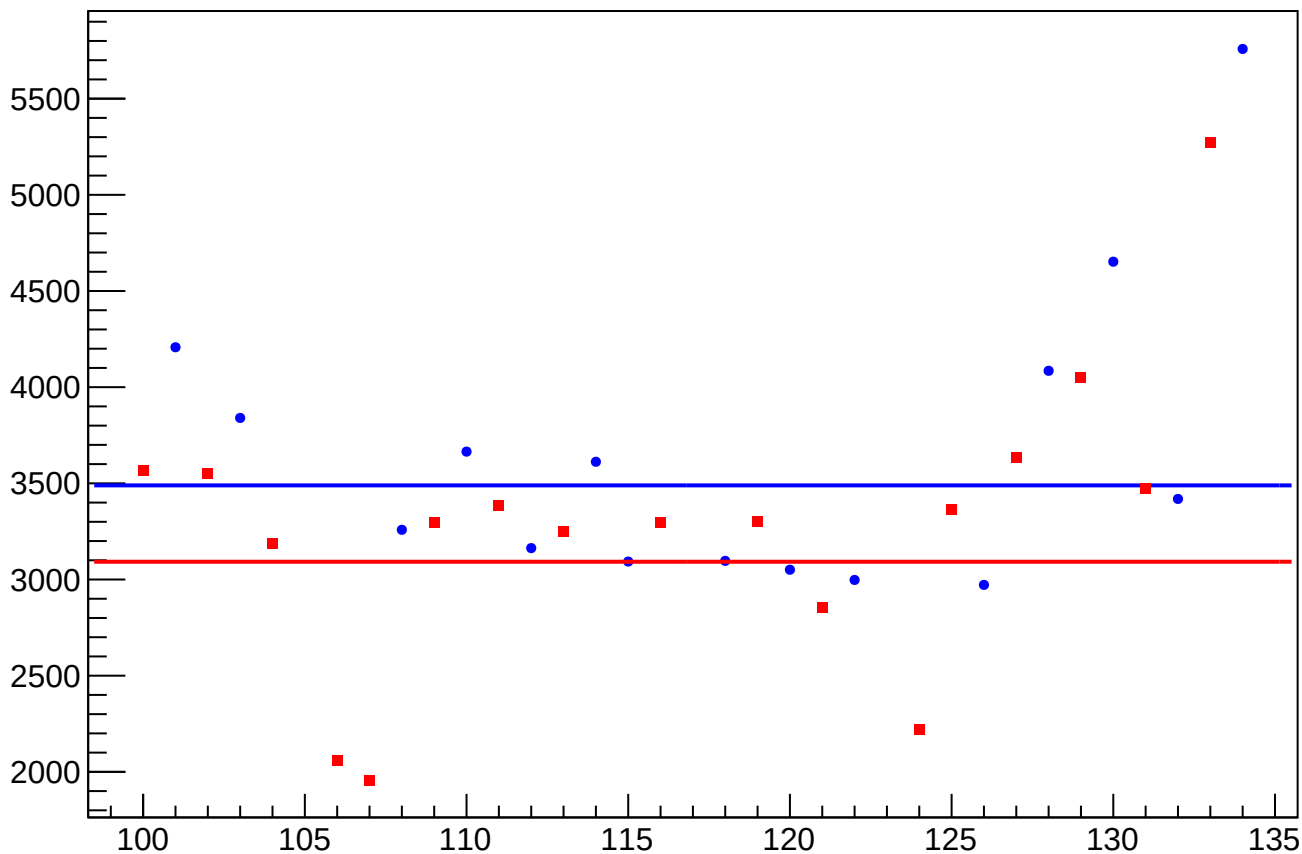
Right: 278.380+/-927.539 χ^2/NDF : 29.8/31

In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.380+/-927.539 χ^2/NDF : 29.8/31

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

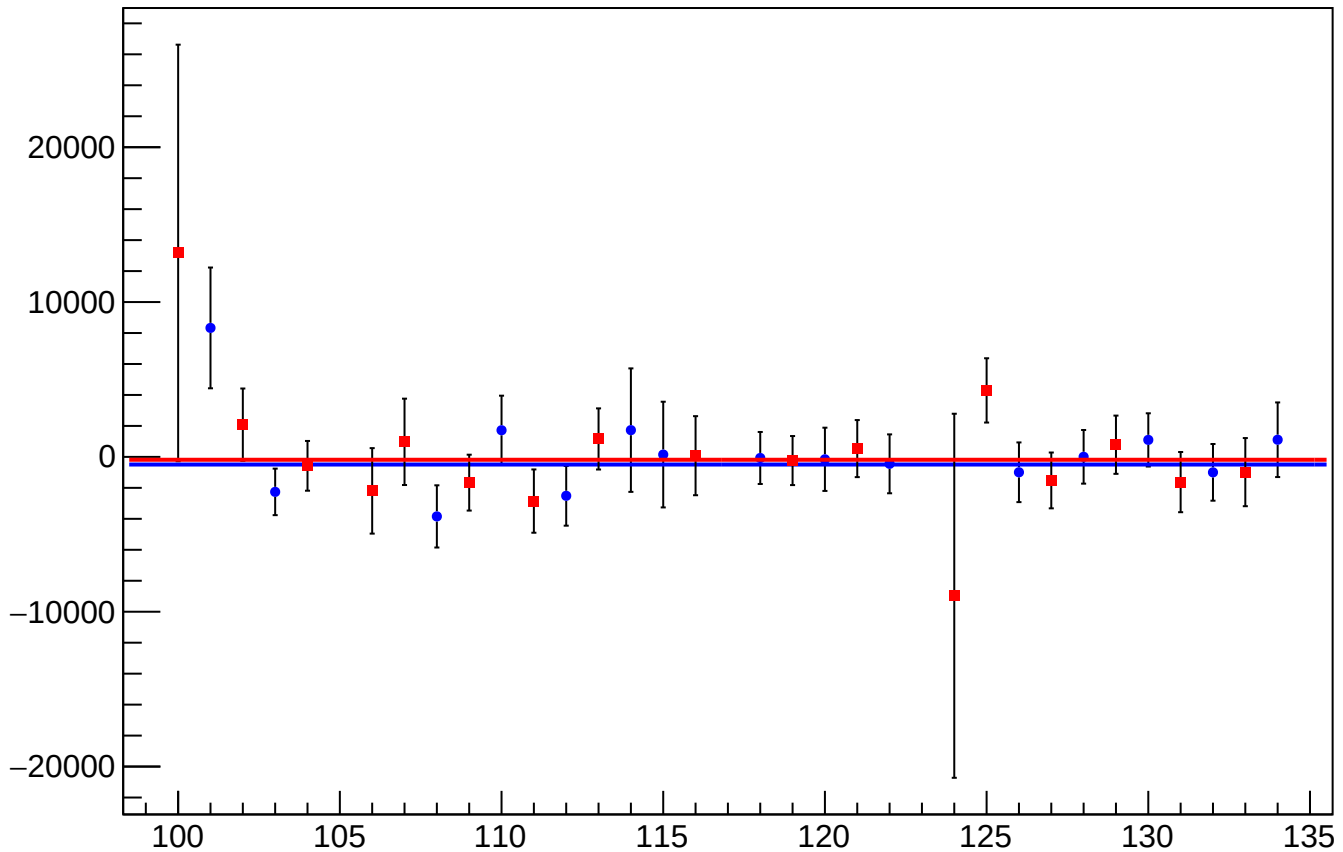
Right: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -185.468+/-513.871 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

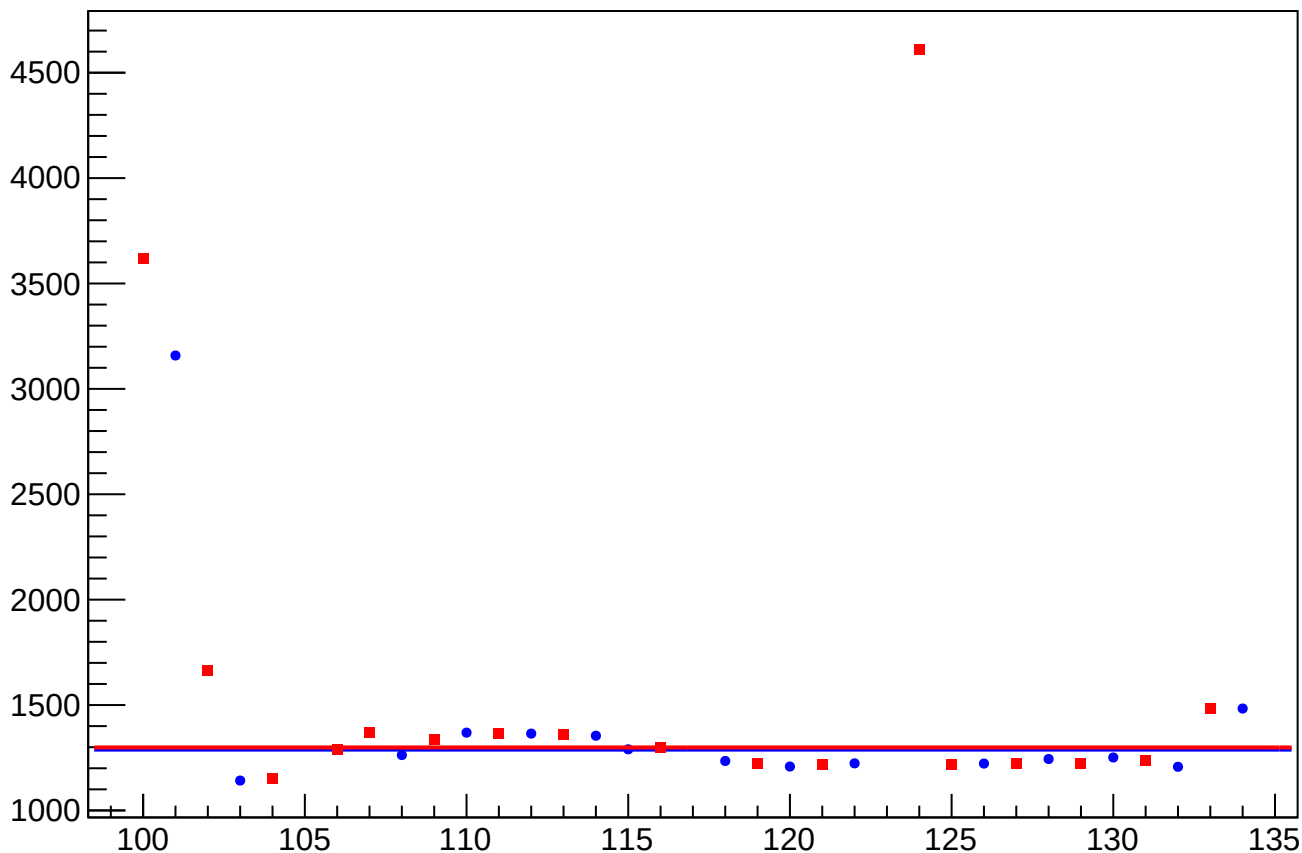
Right: -336.703+/-366.512 χ^2/NDF : 25.9/31

In: -493.297+/-522.899 χ^2/NDF :13.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -336.703+/-366.512 χ^2/NDF : 25.9/31

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

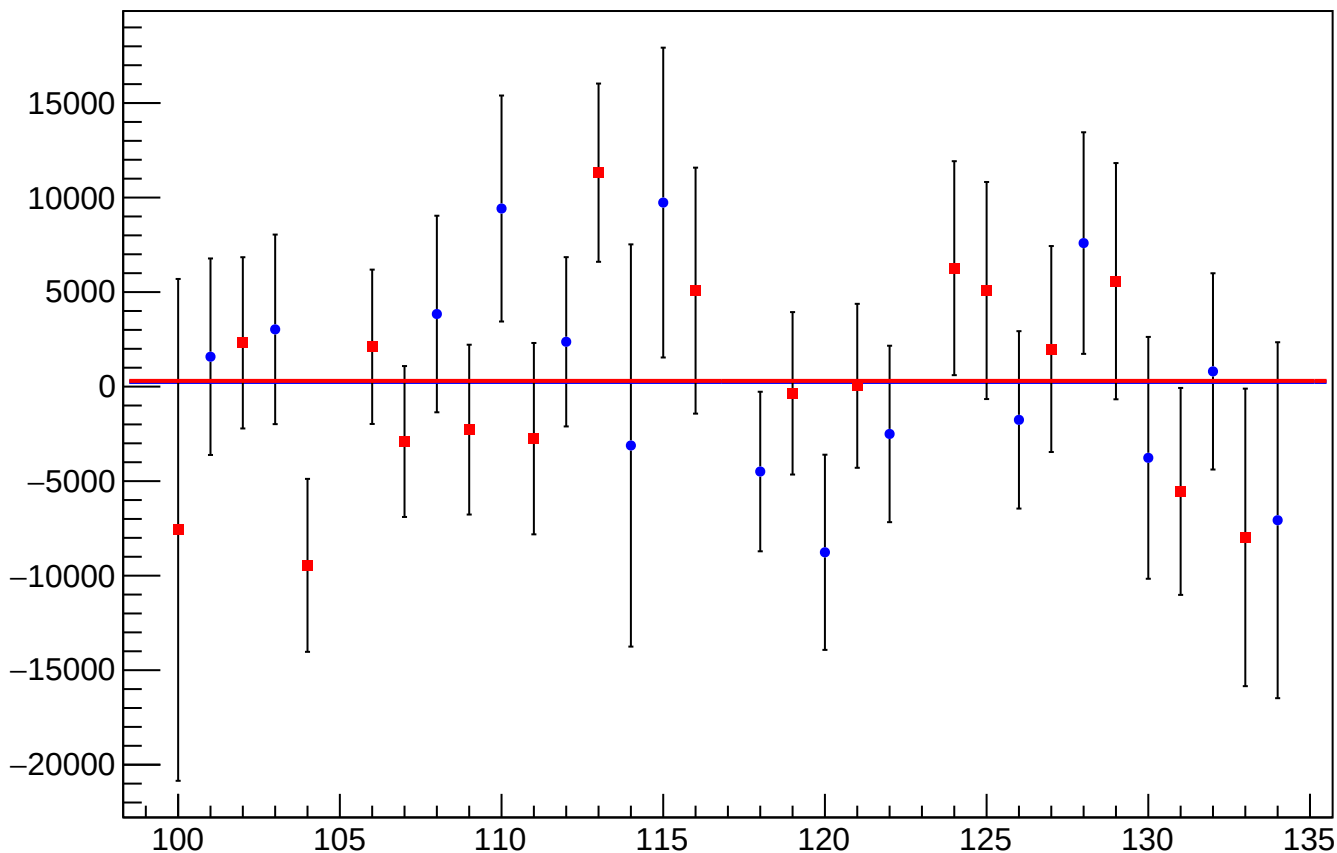
Right: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.867+/-1230.941 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

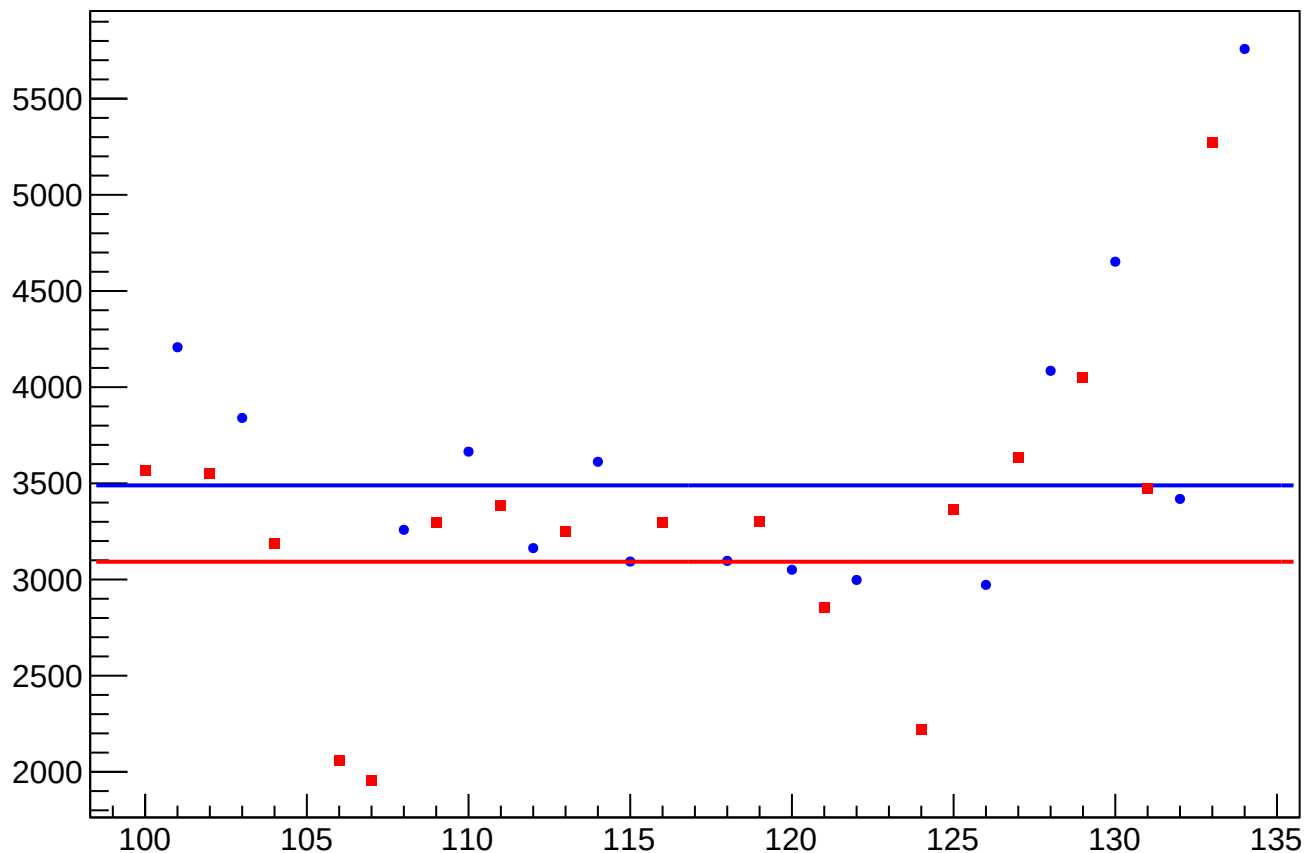
Right: 278.380+/-927.539 χ^2/NDF : 29.8/31

In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.380+/-927.539 χ^2/NDF : 29.8/31

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

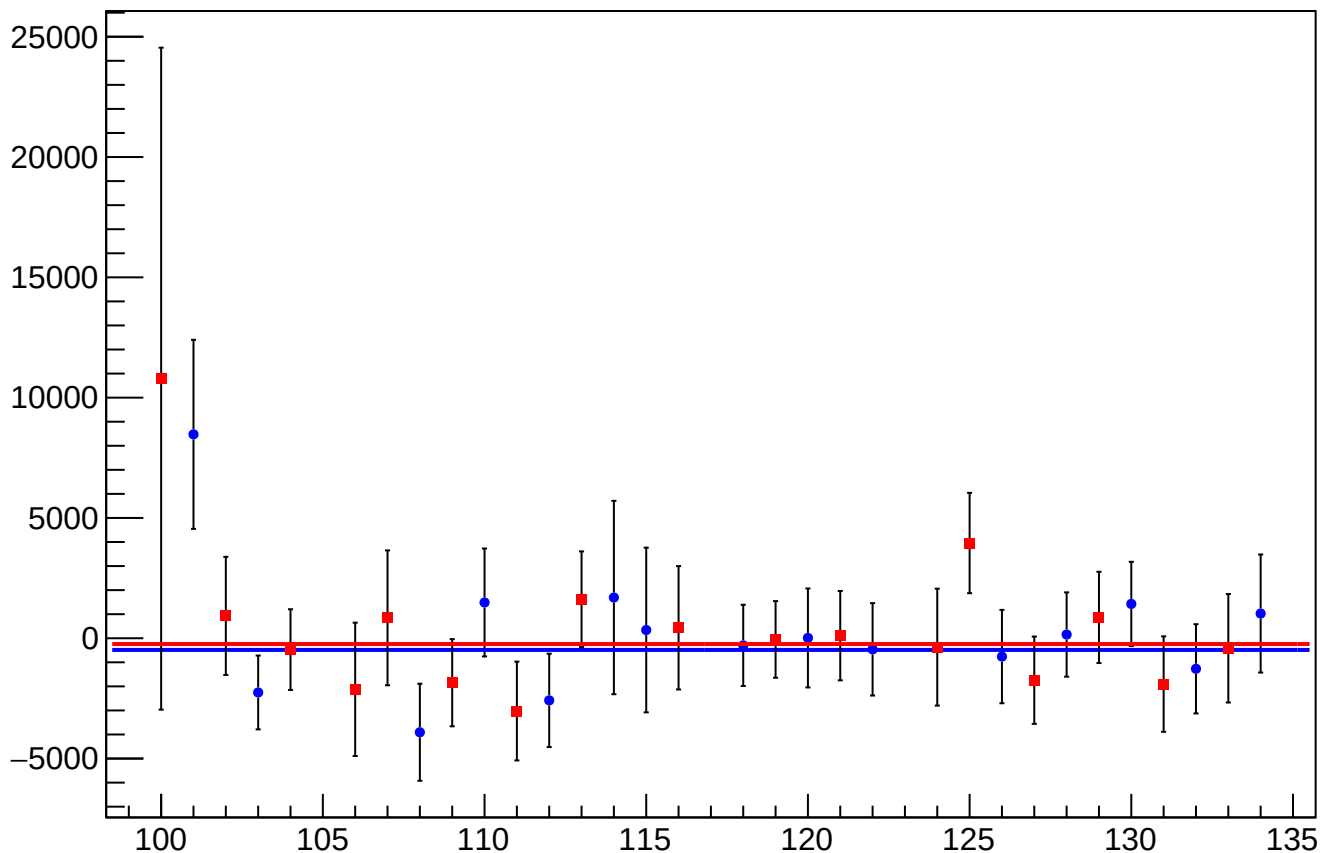
Right: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -485.013+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.257+/-509.871 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

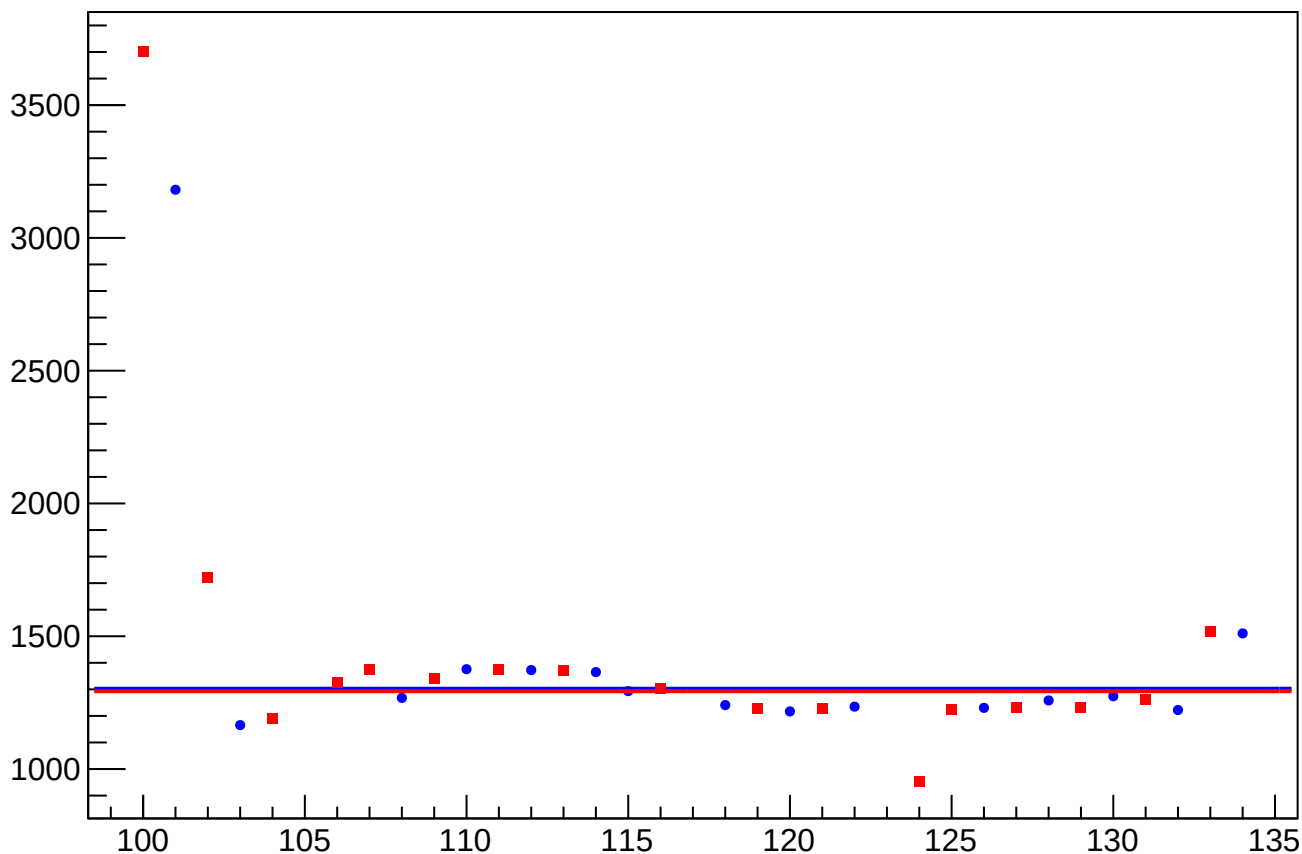
Right: -358.251+/-366.934 χ^2/NDF : 24.7/31

In: -485.013+/-528.473 χ^2/NDF : 13.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.251+/-366.934 χ^2/NDF : 24.7/31

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

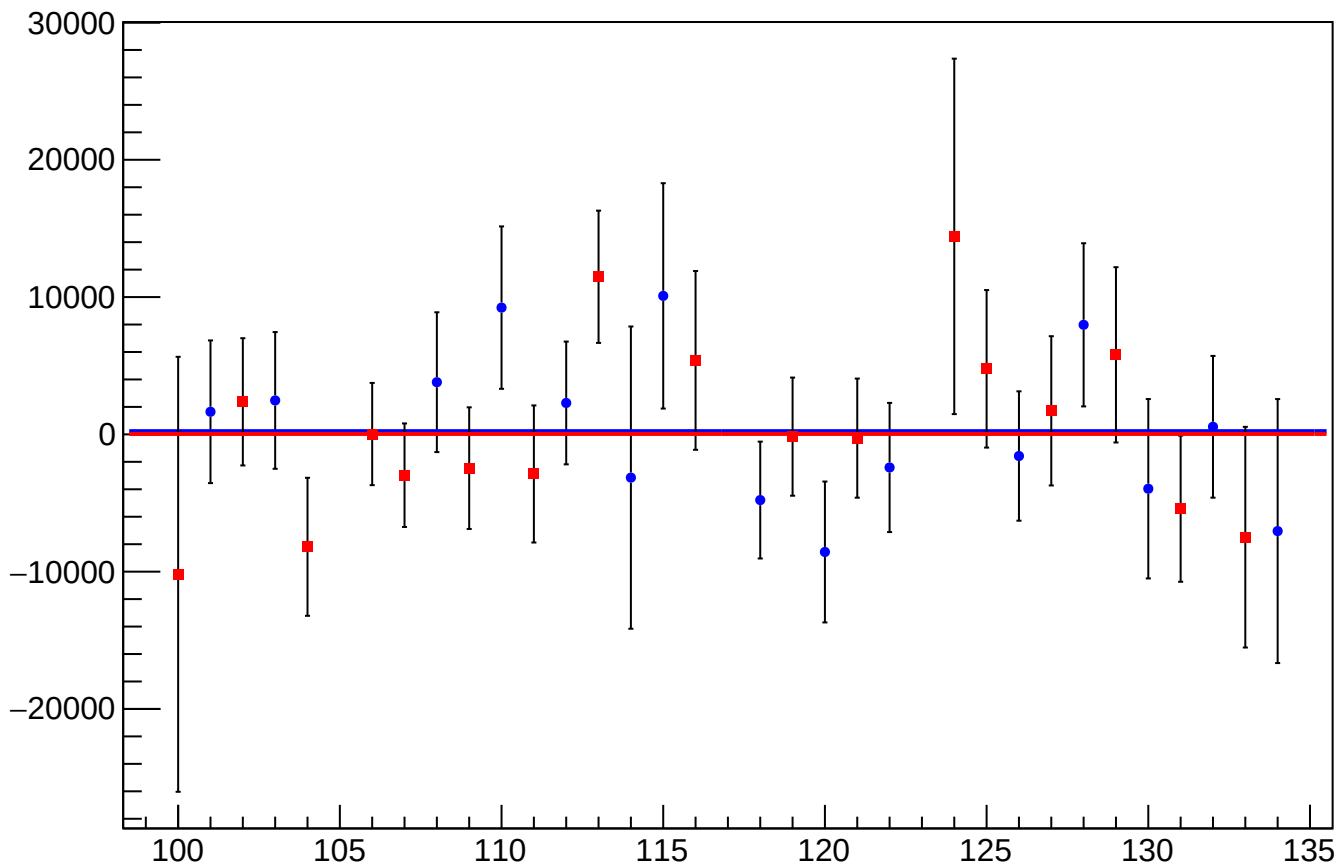
Right: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.123+/-1412.627 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.502+/-1247.043 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

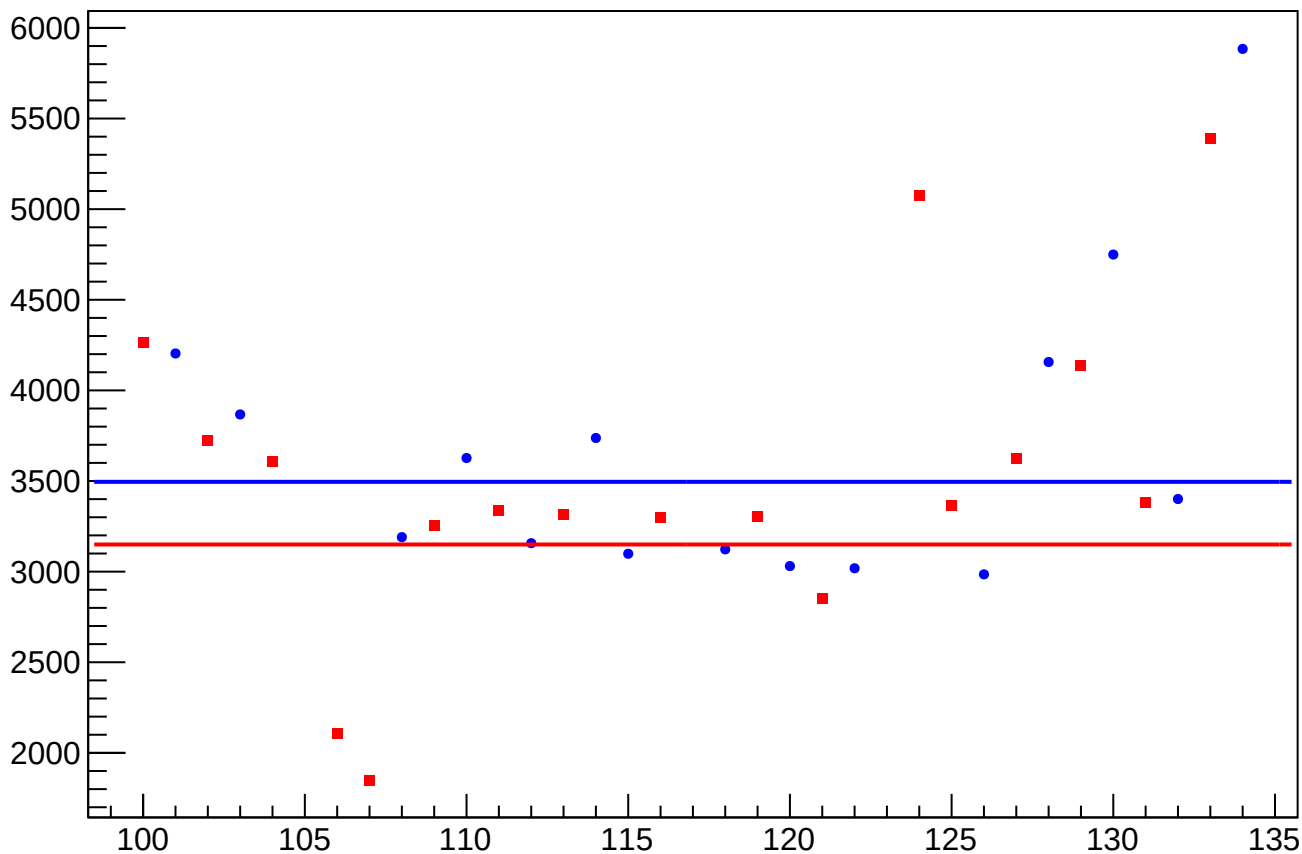
Right: 119.685+/-934.881 χ^2/NDF : 28.0/31

In: 234.123+/-1412.627 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.685+/-934.881 χ^2/NDF : 28.0/31

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.771+/-0.882 χ^2/NDF : 741142.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

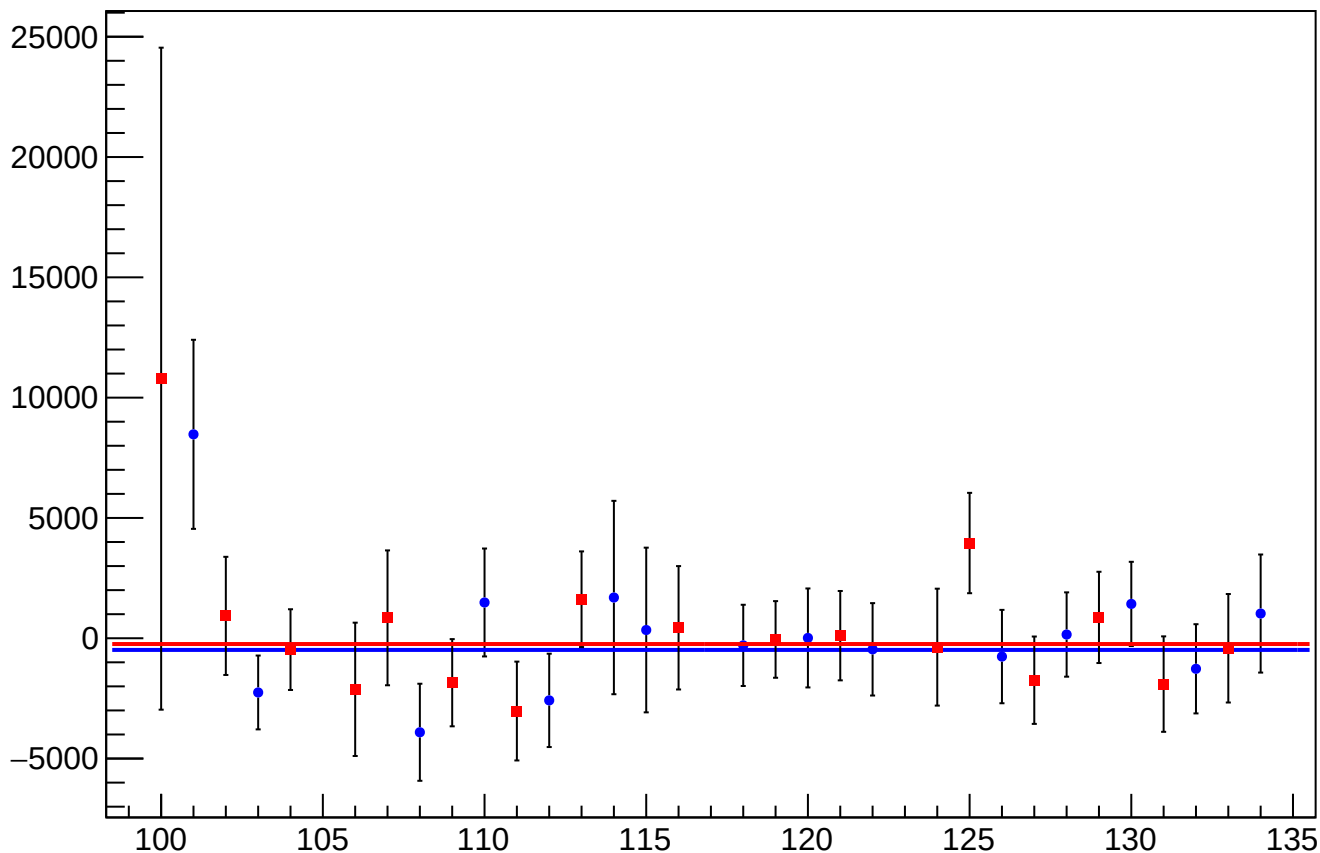
Right: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -485.016+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.262+/-509.871 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

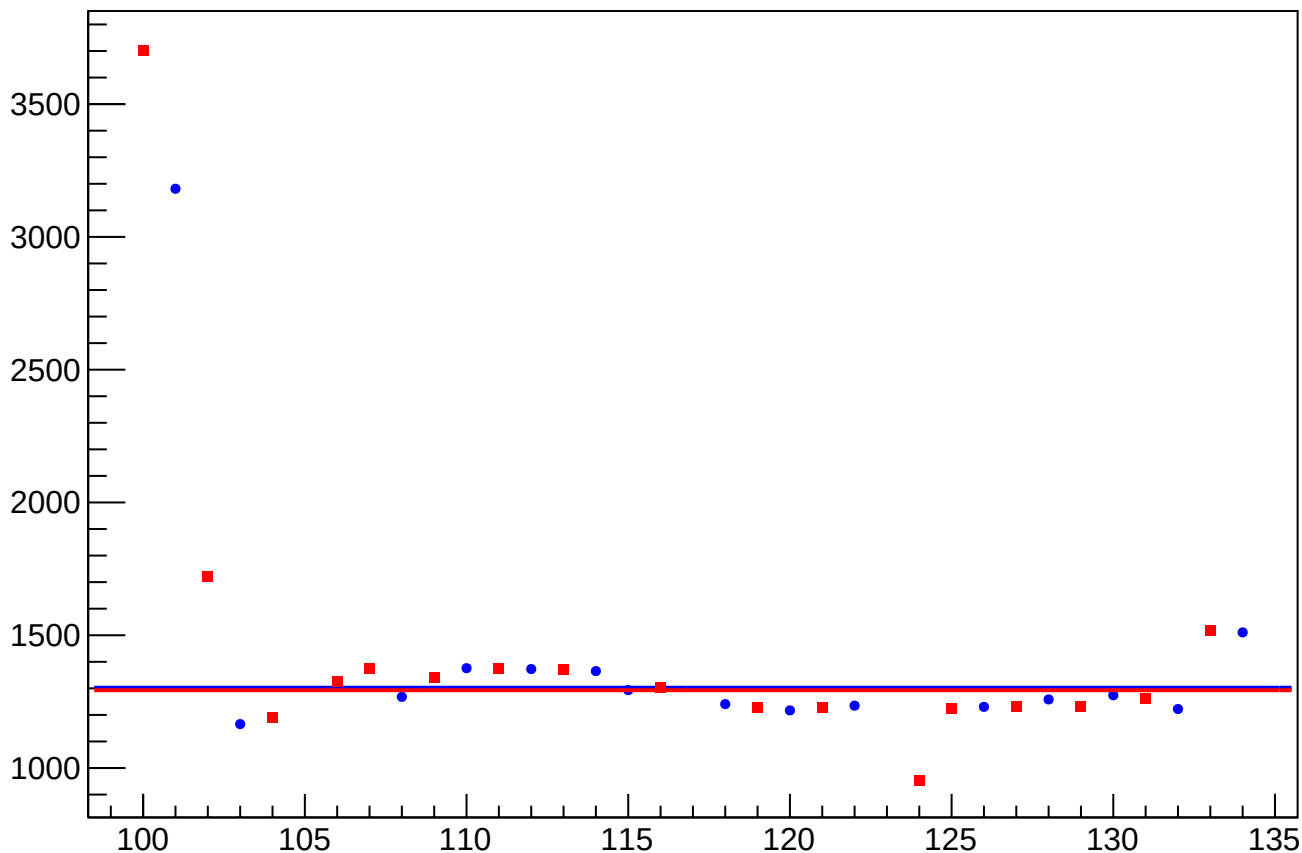
Right: -358.255+/-366.933 χ^2/NDF : 24.7/31

In: -485.016+/-528.473 χ^2/NDF : 13.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.255+/-366.933 χ^2/NDF : 24.7/31

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

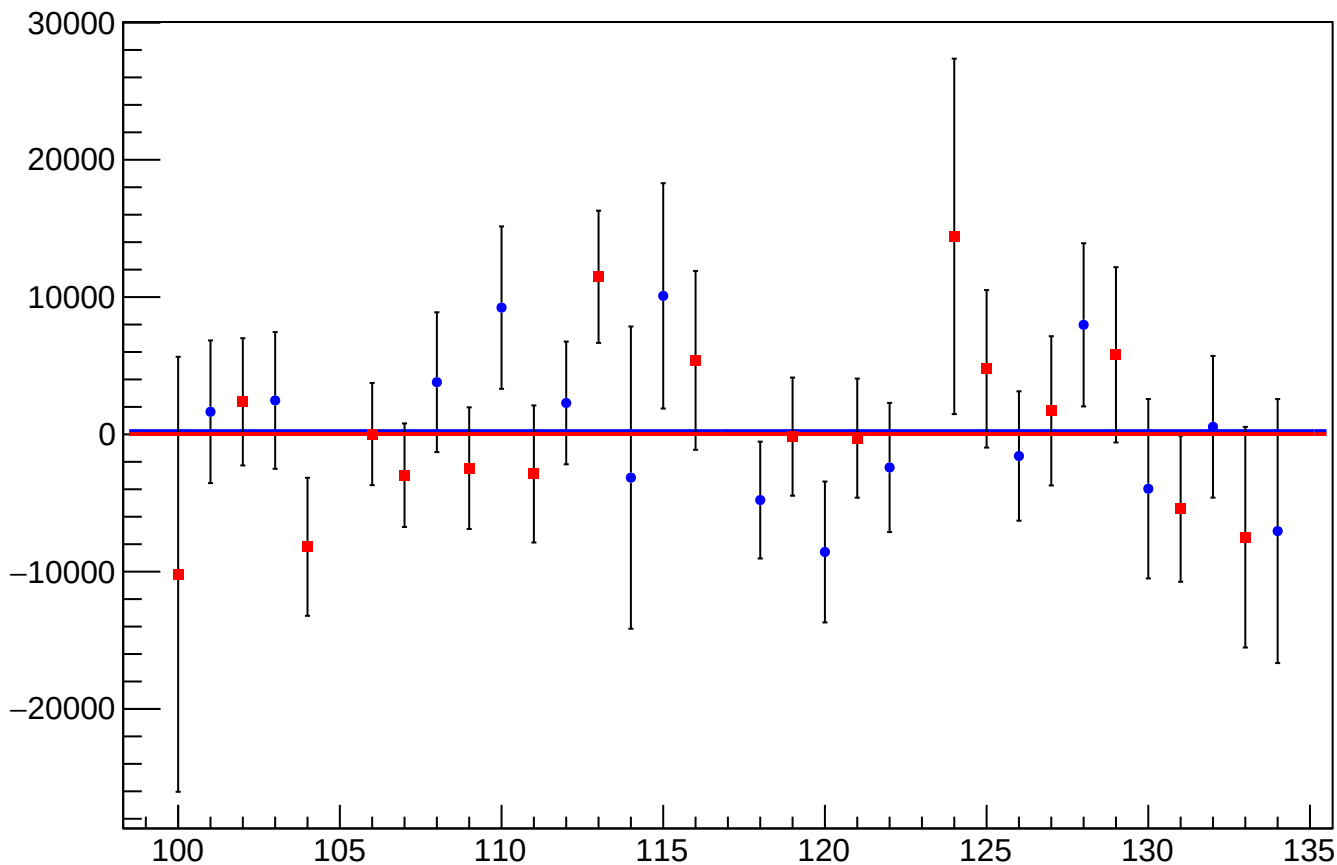
Right: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.118 $\pm$ 1412.623 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.498 $\pm$ 1247.039 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

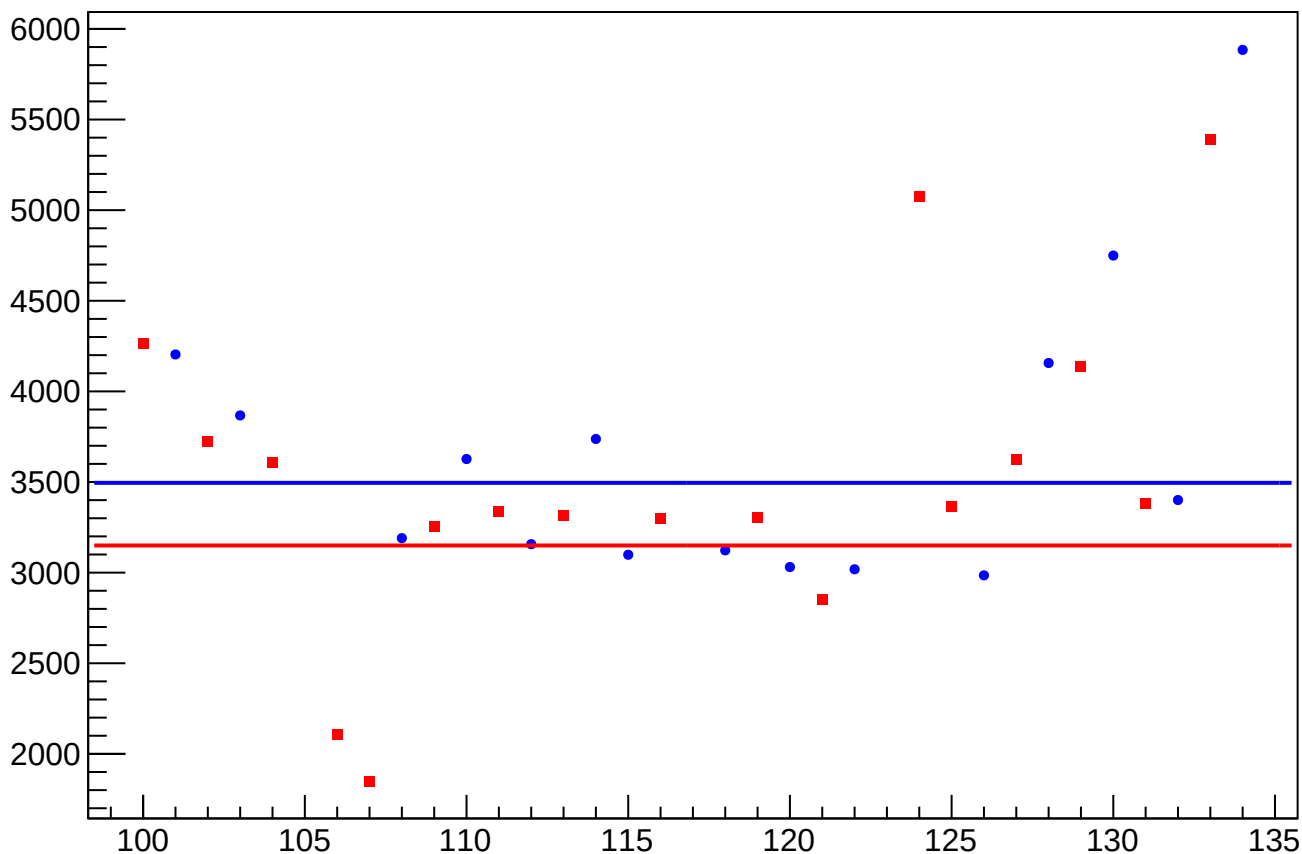
Right: 119.680 $\pm$ 934.878 χ^2 /NDF: 28.0/31

In: 234.118 $\pm$ 1412.623 χ^2 /NDF:12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.680 $\pm$ 934.878 χ^2 /NDF: 28.0/31

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3495.482+/-0.999 χ^2/NDF : 371907.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.762+/-0.882 χ^2/NDF : 741142.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

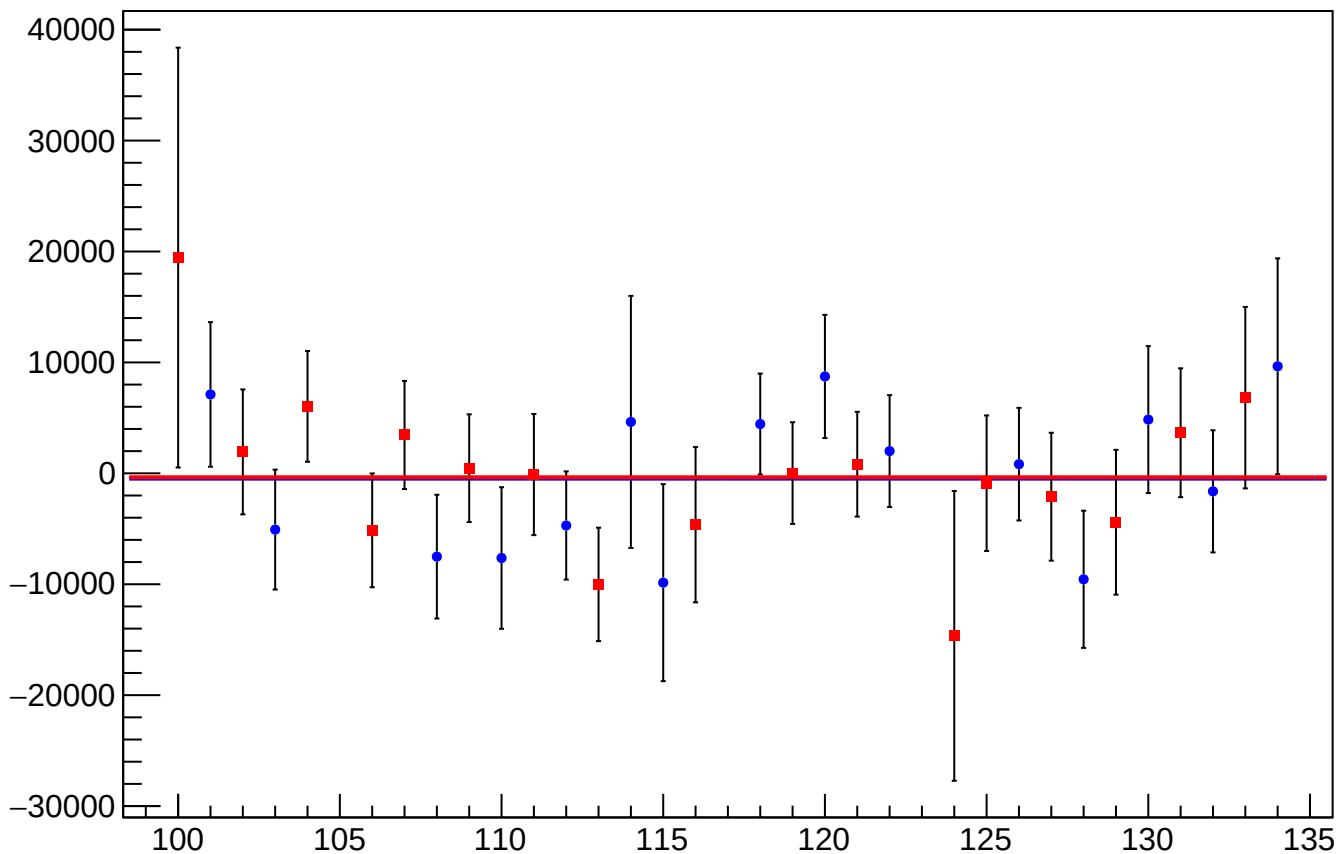
Right: 3301.182+/-0.661 χ^2/NDF : 1180375.0/31

In: 3495.482+/-0.999 χ^2/NDF : 371907.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.182+/-0.661 χ^2/NDF : 1180375.0/31

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -356.476+/-1397.238 χ^2/NDF : 11.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

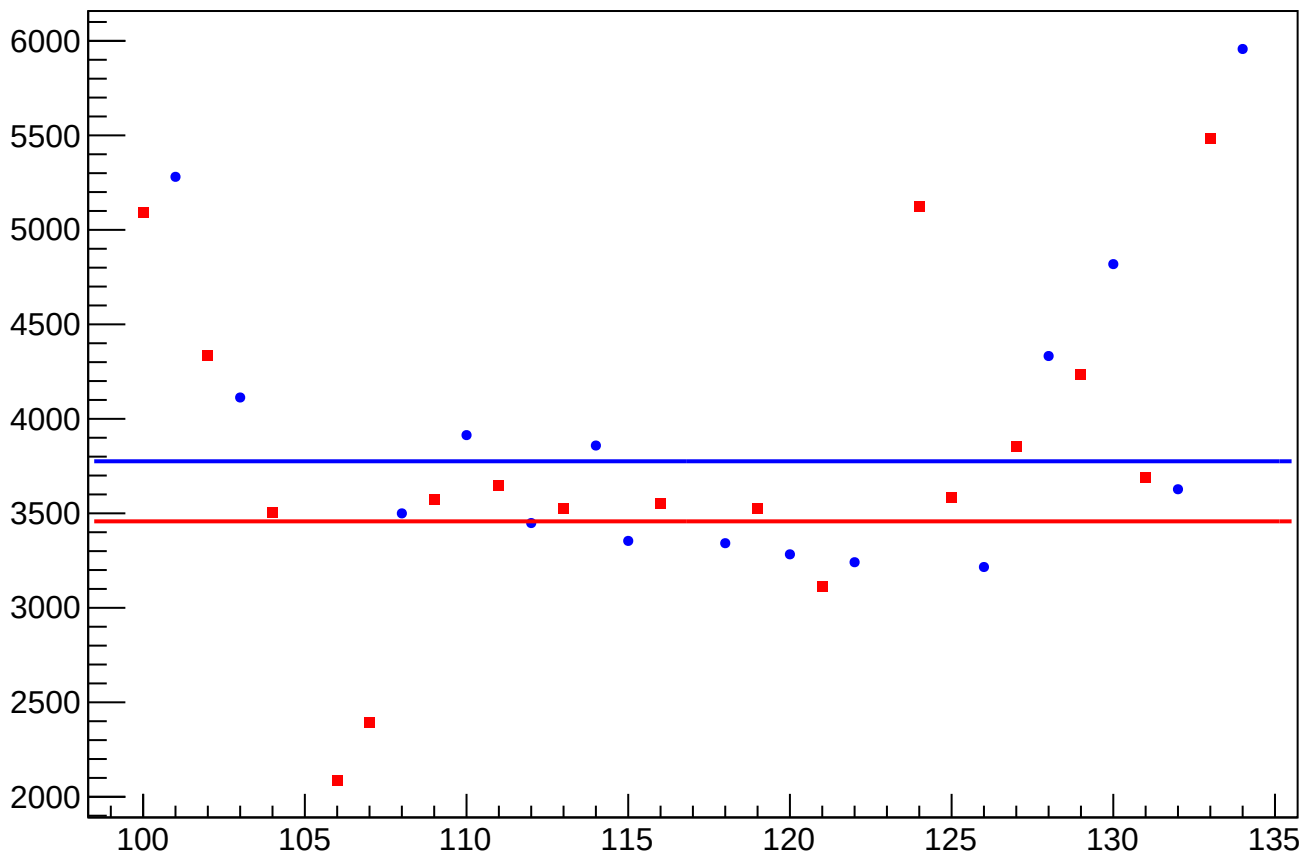
Right: -411.229+/-1031.208 χ^2/NDF : 26.5/31

In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.229+/-1031.208 χ^2/NDF : 26.5/31

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3457.587+/-0.973 χ^2/NDF : 572805.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

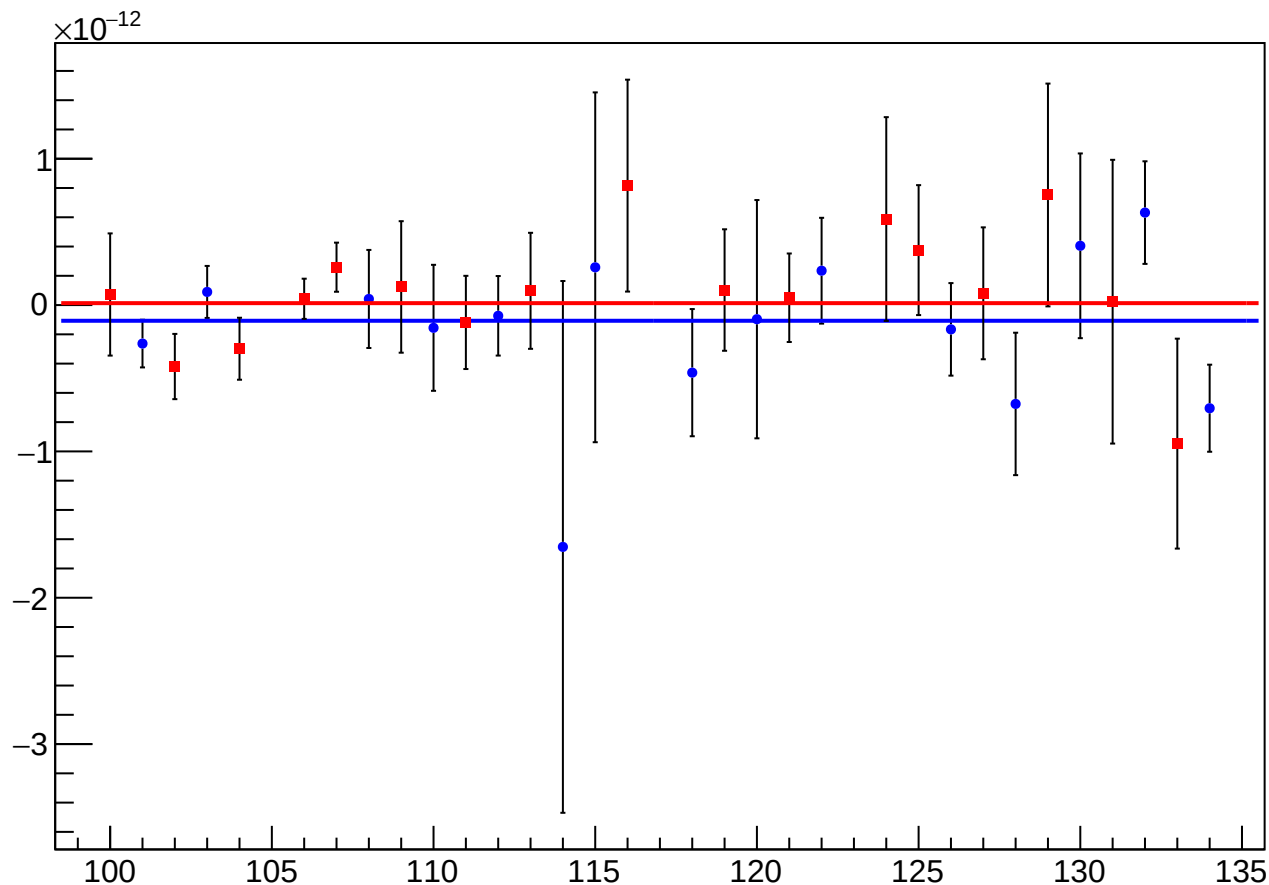
Right: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

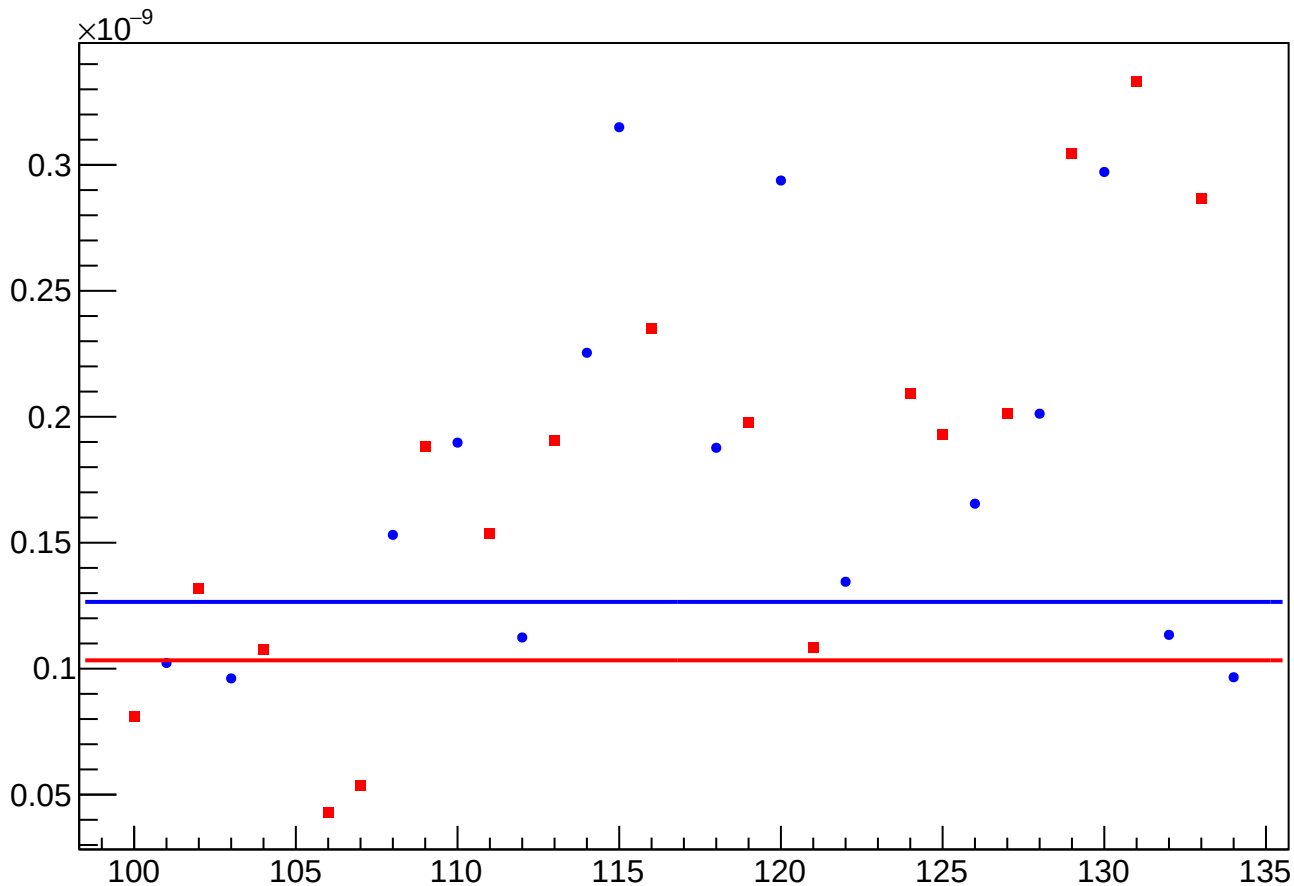
Right: -0.000+/-0.000 χ^2/NDF : 30.3/31

In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/31

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1596591.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

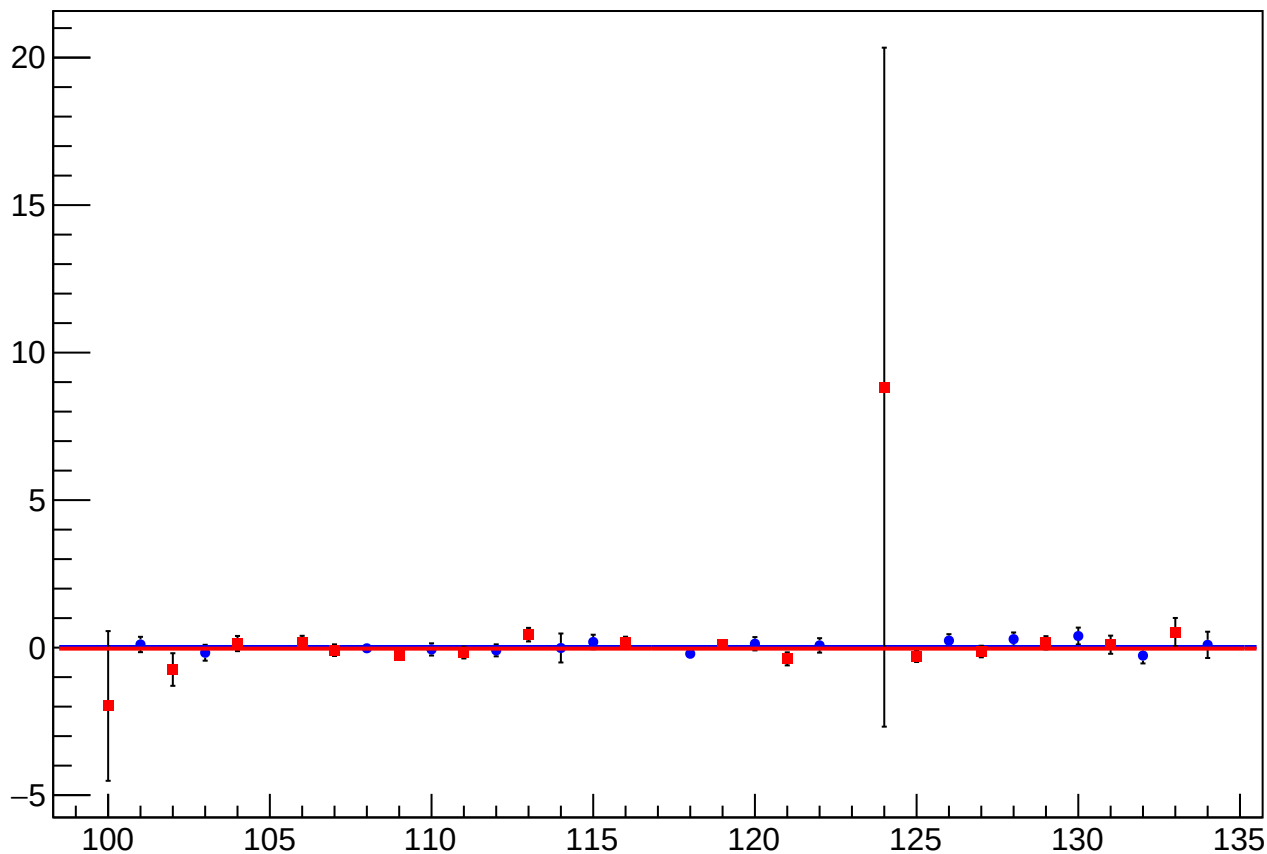
Right: 0.000+/-0.000 χ^2/NDF : 2278499.3/31

In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2278499.3/31

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

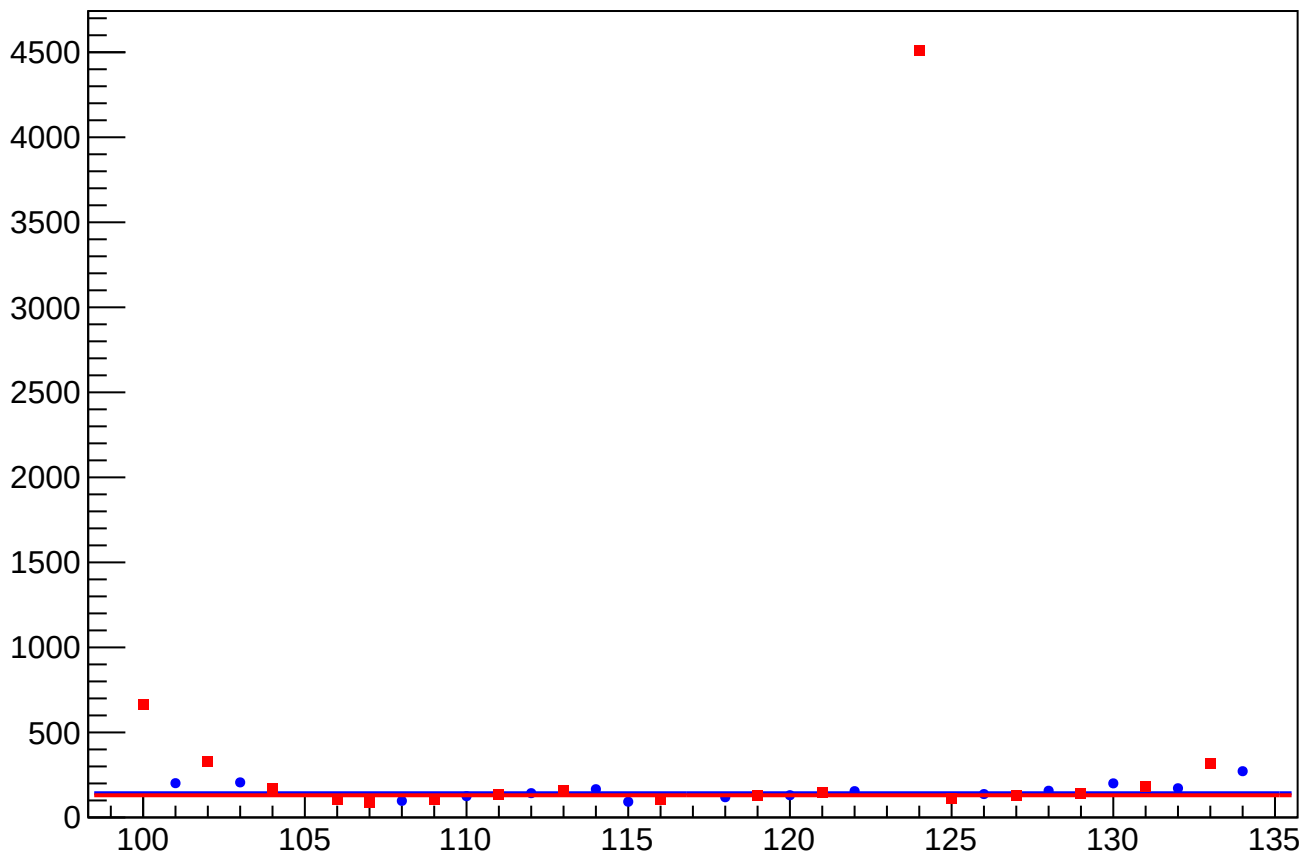
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

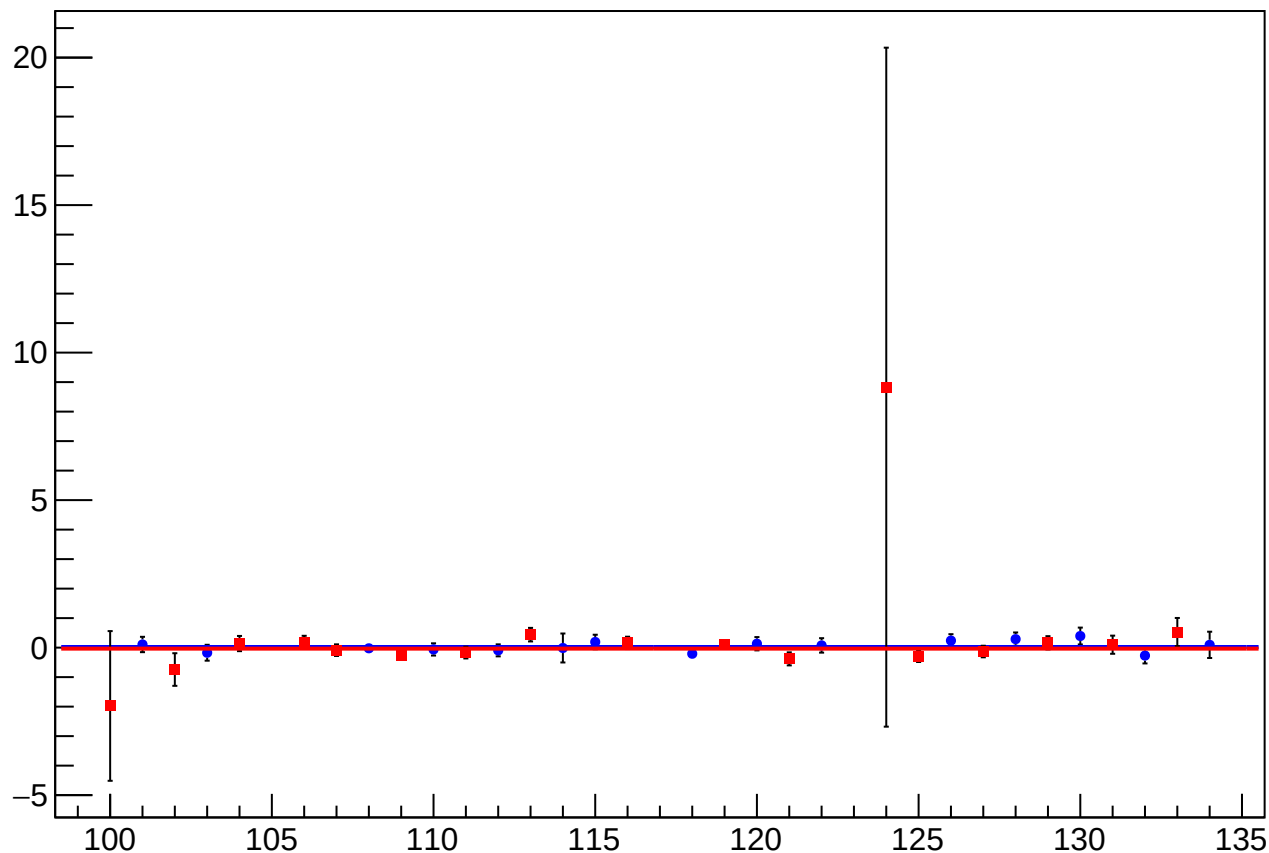
Right: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

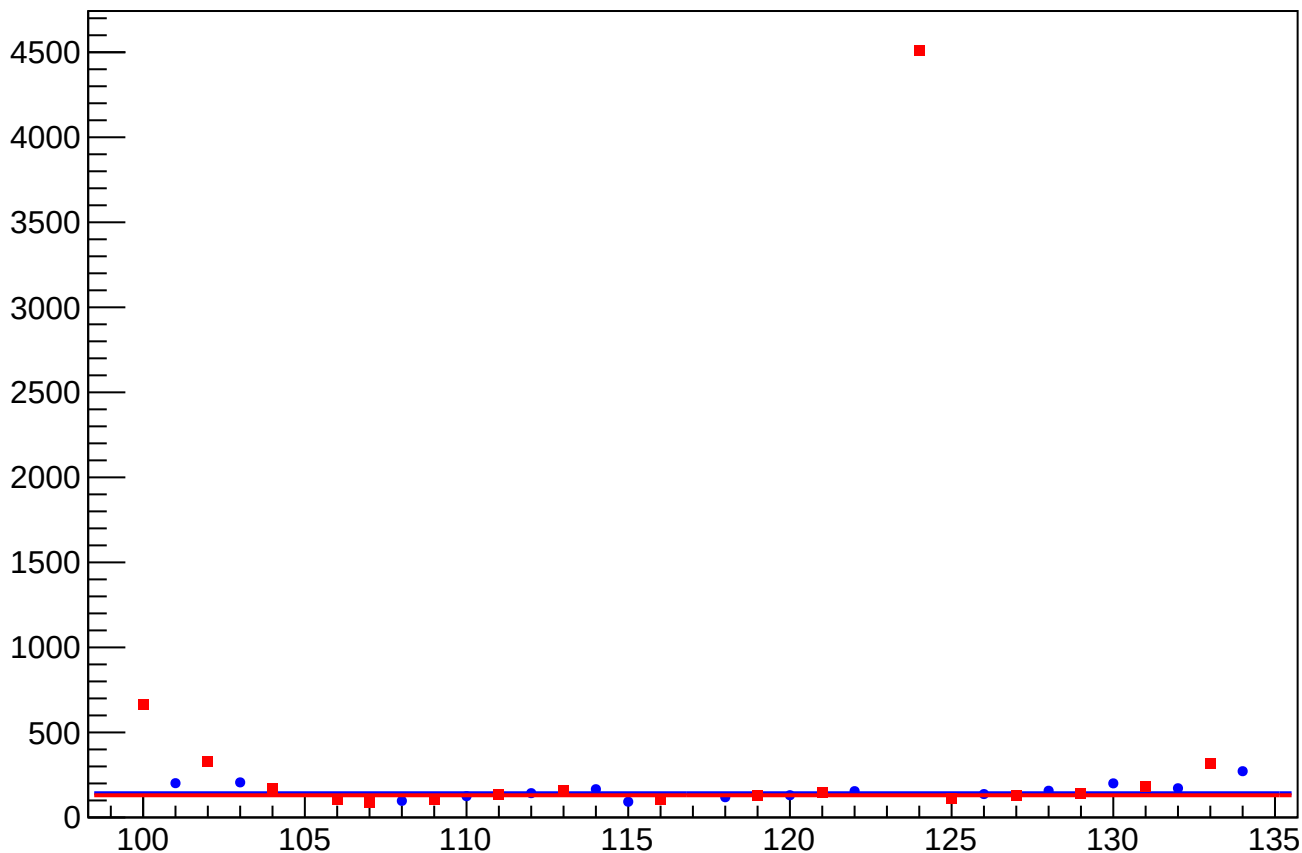
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

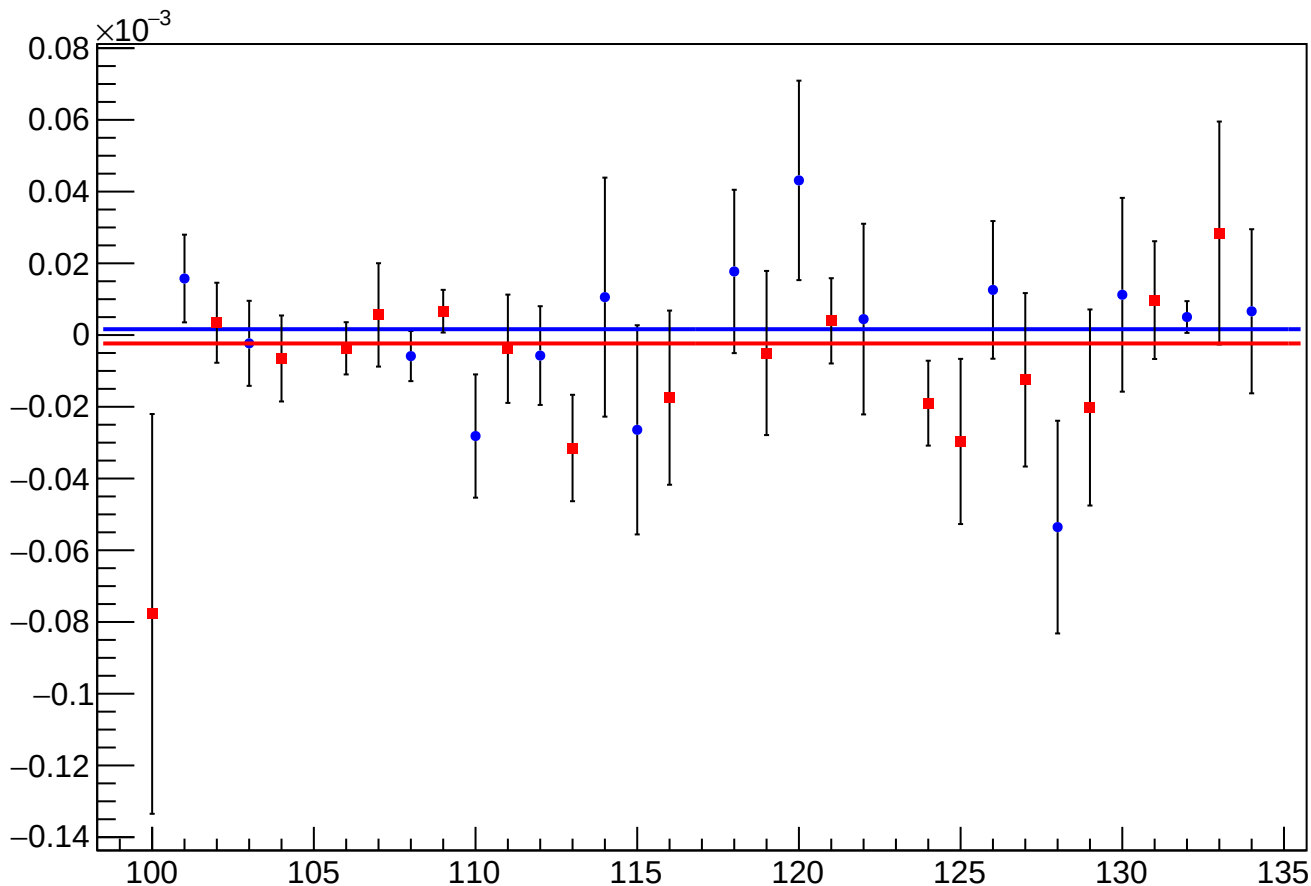
Right: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

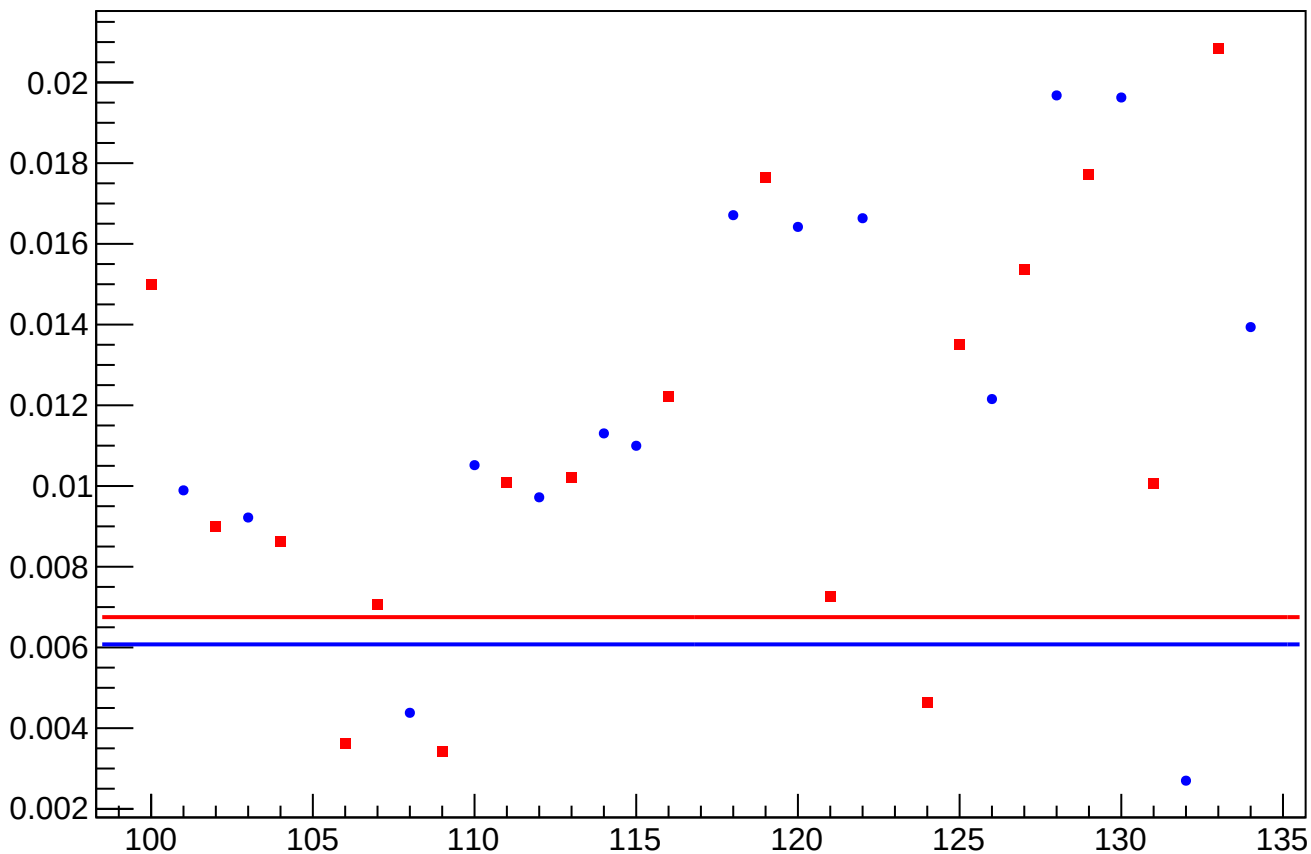
Right: -0.000+/-0.000 χ^2/NDF : 29.9/31

In: 0.000+/-0.000 χ^2/NDF : 14.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.9/31

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4386851.2/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 3236557.9/16

Left 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 : 7671629.5/31

In: 0.006+/-0.000

χ^2/NDF :4386851.2/14

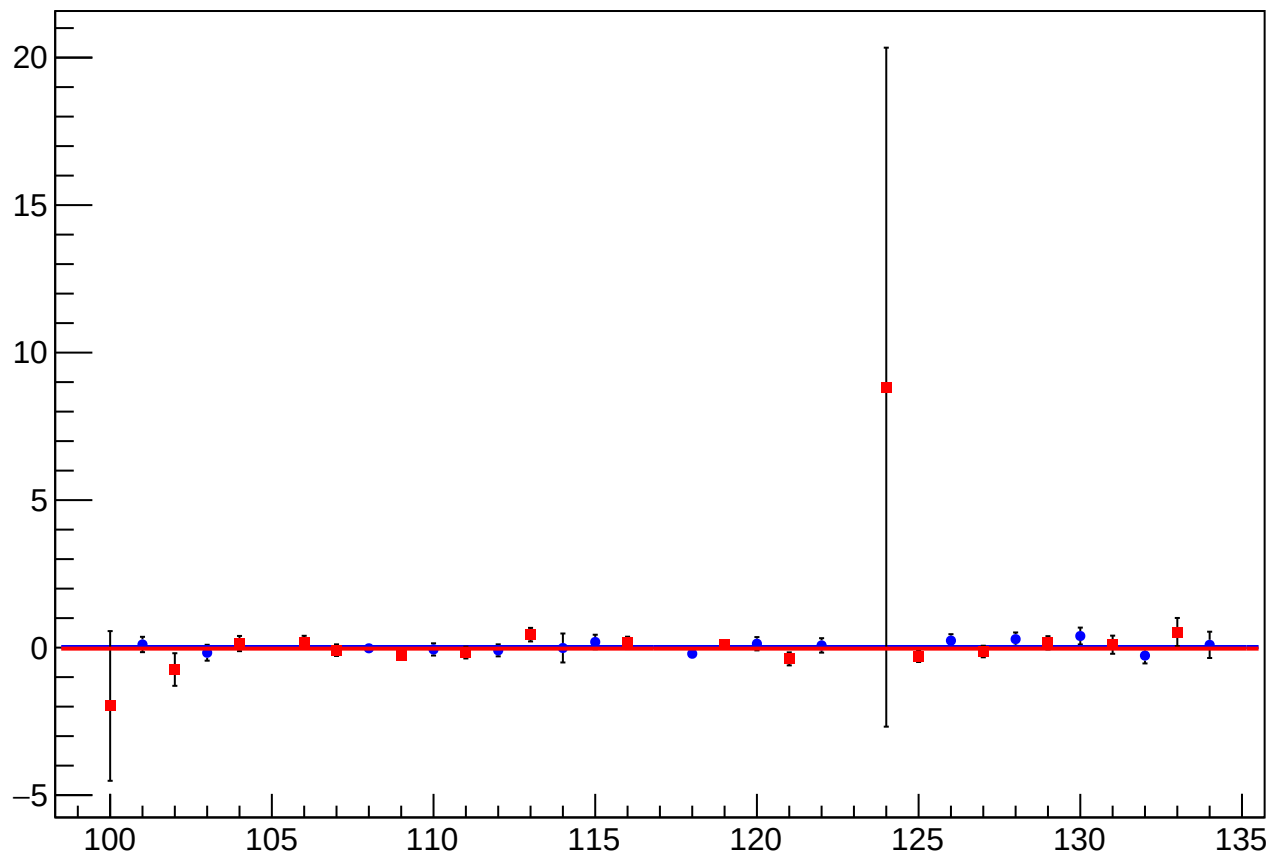
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.006+/-0.000

χ^2/NDF : 7671629.5/31

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

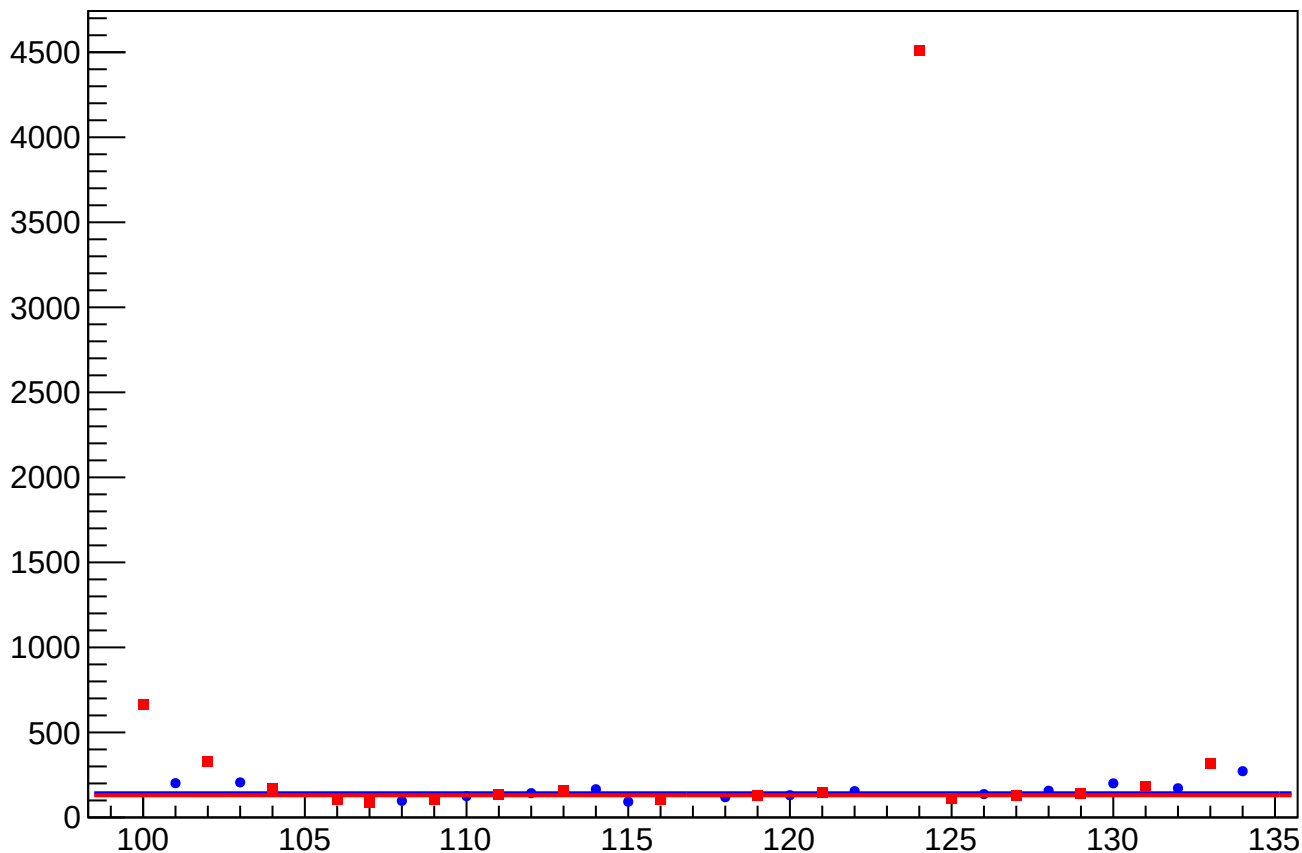
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

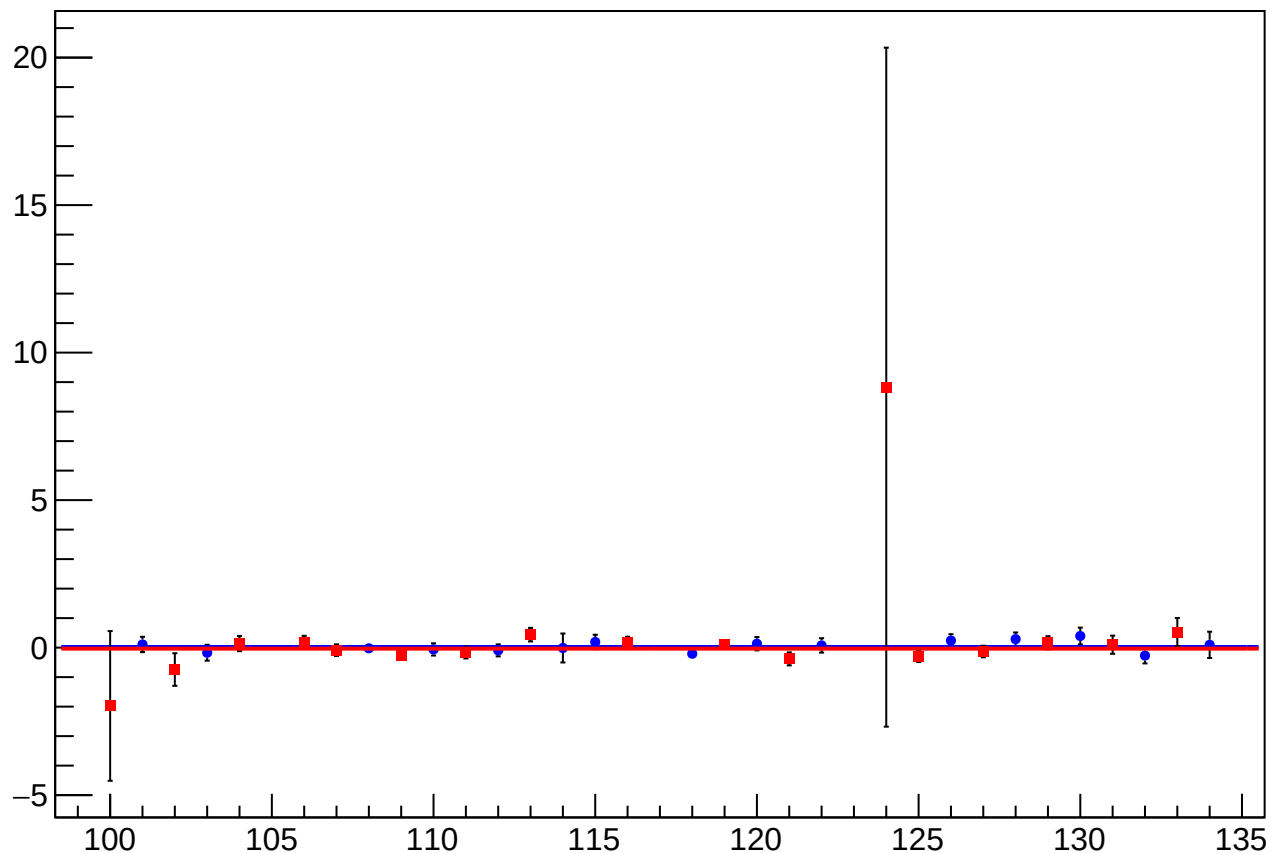
Right: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

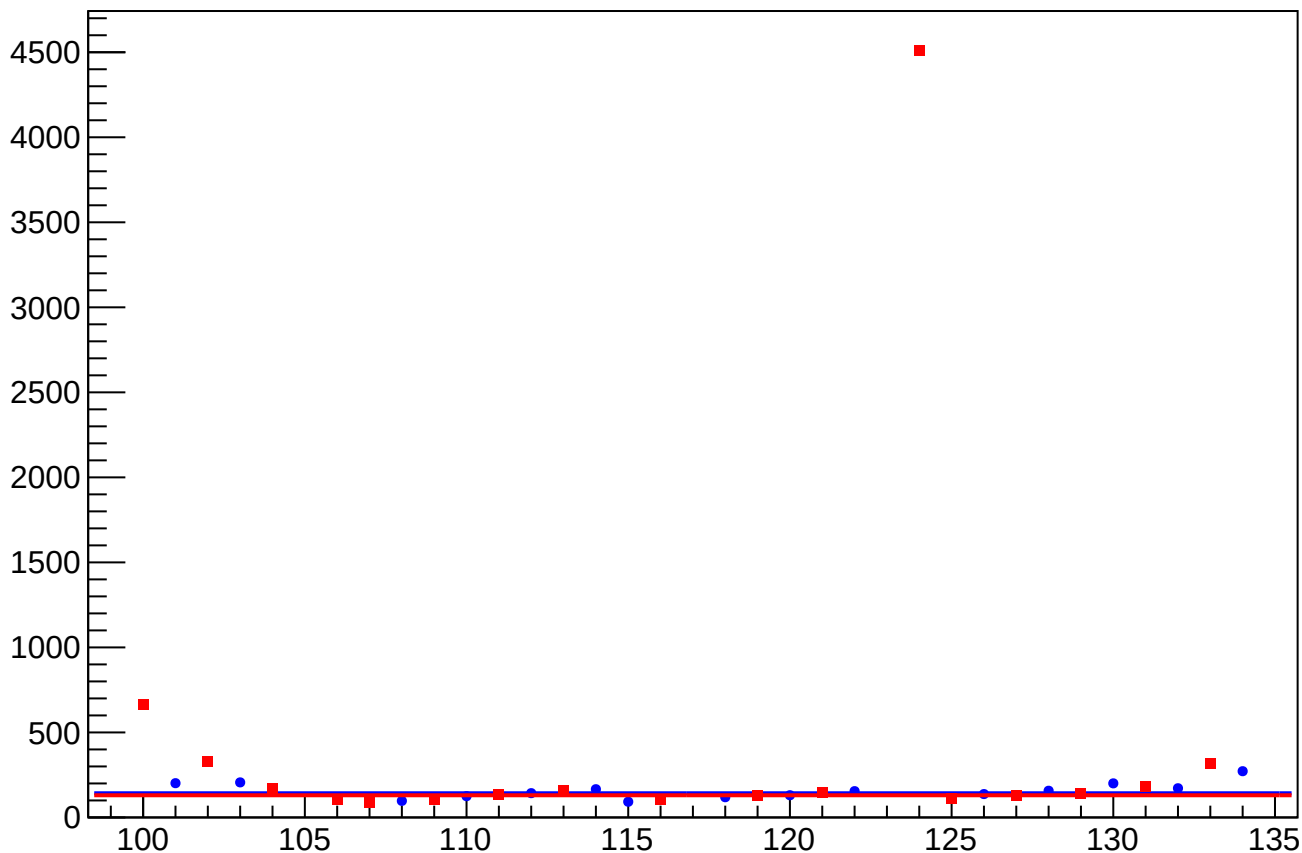
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

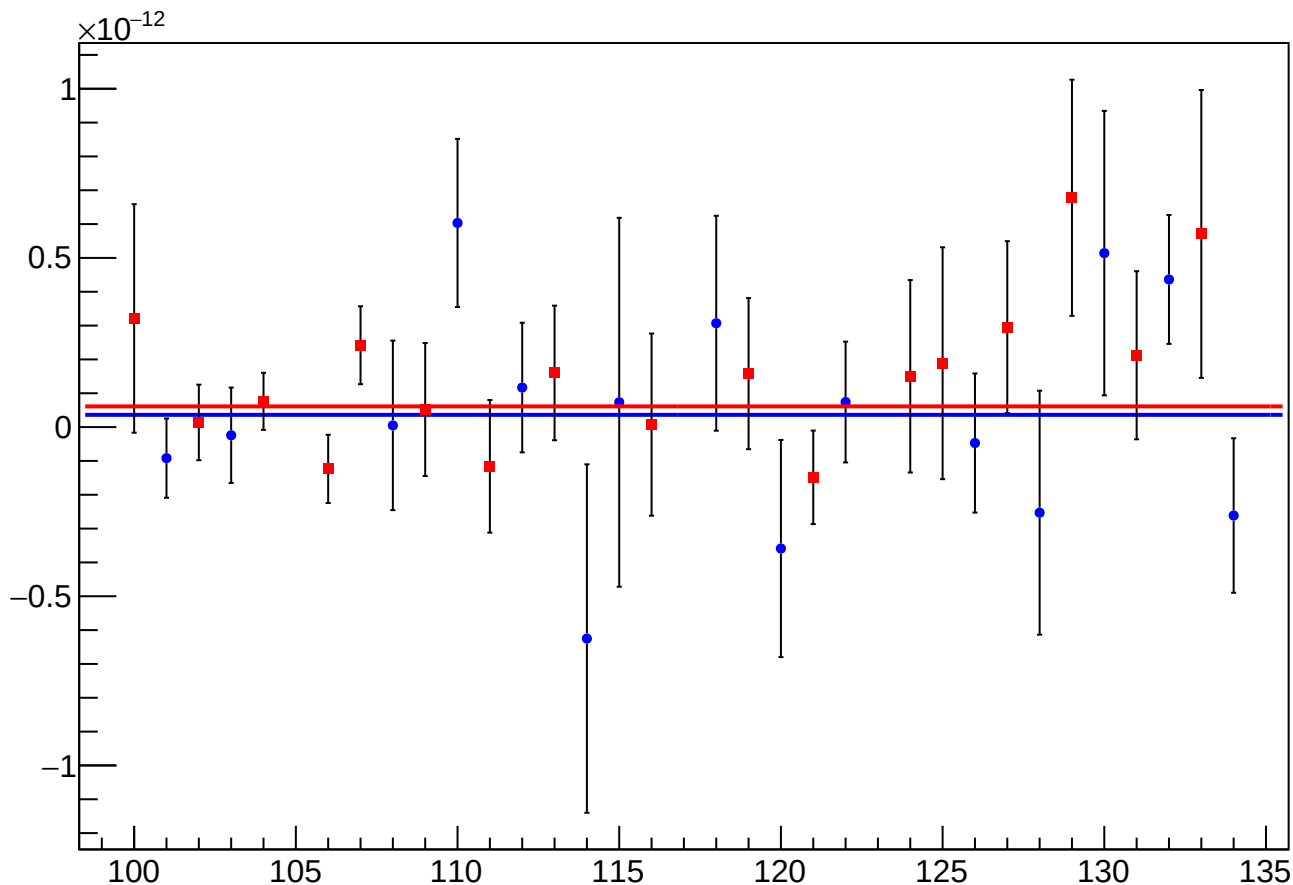
Right: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

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 : 18.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

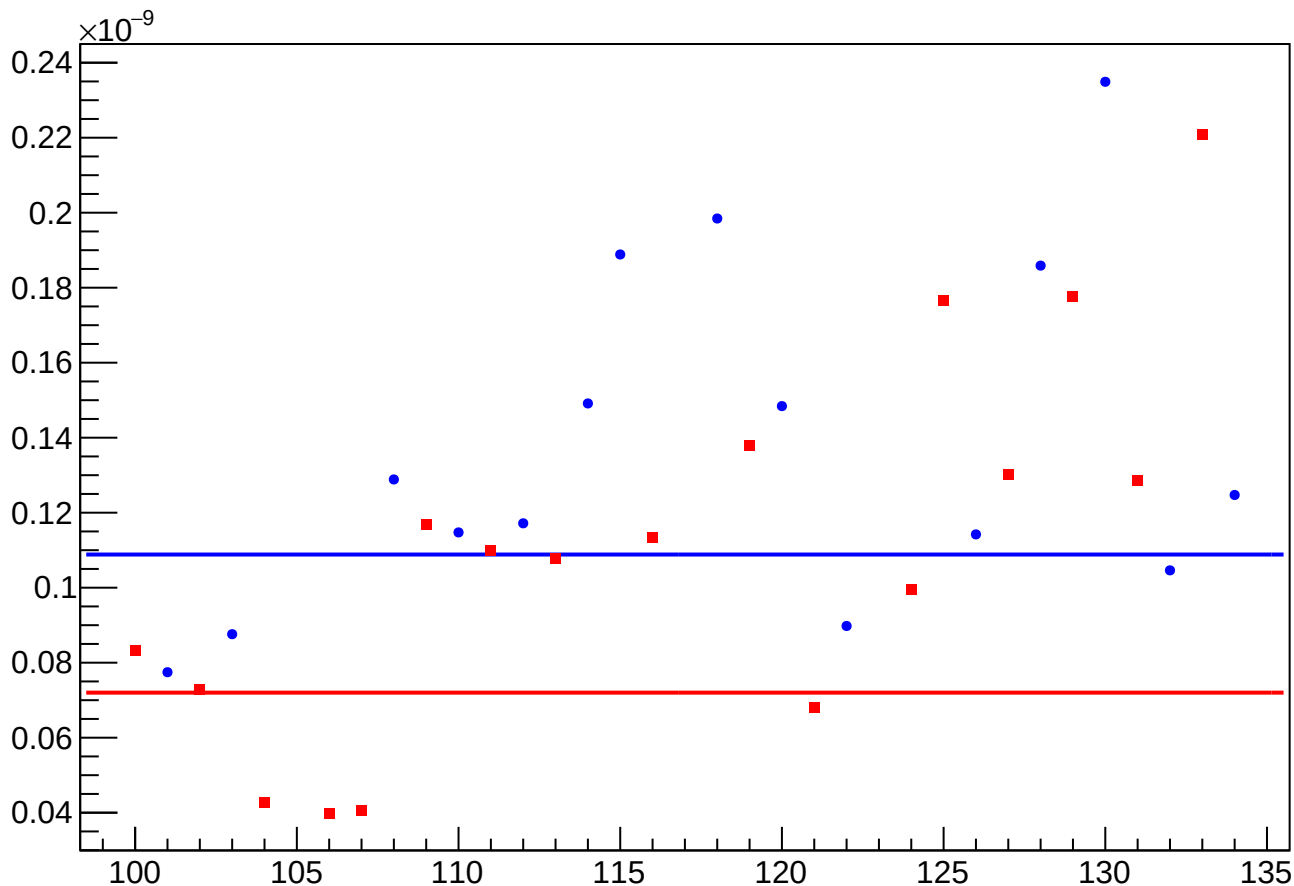
Right: 0.000+/-0.000 χ^2/NDF : 35.3/31

In: 0.000+/-0.000 χ^2/NDF : 18.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.3/31

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 : 757637.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1902273.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

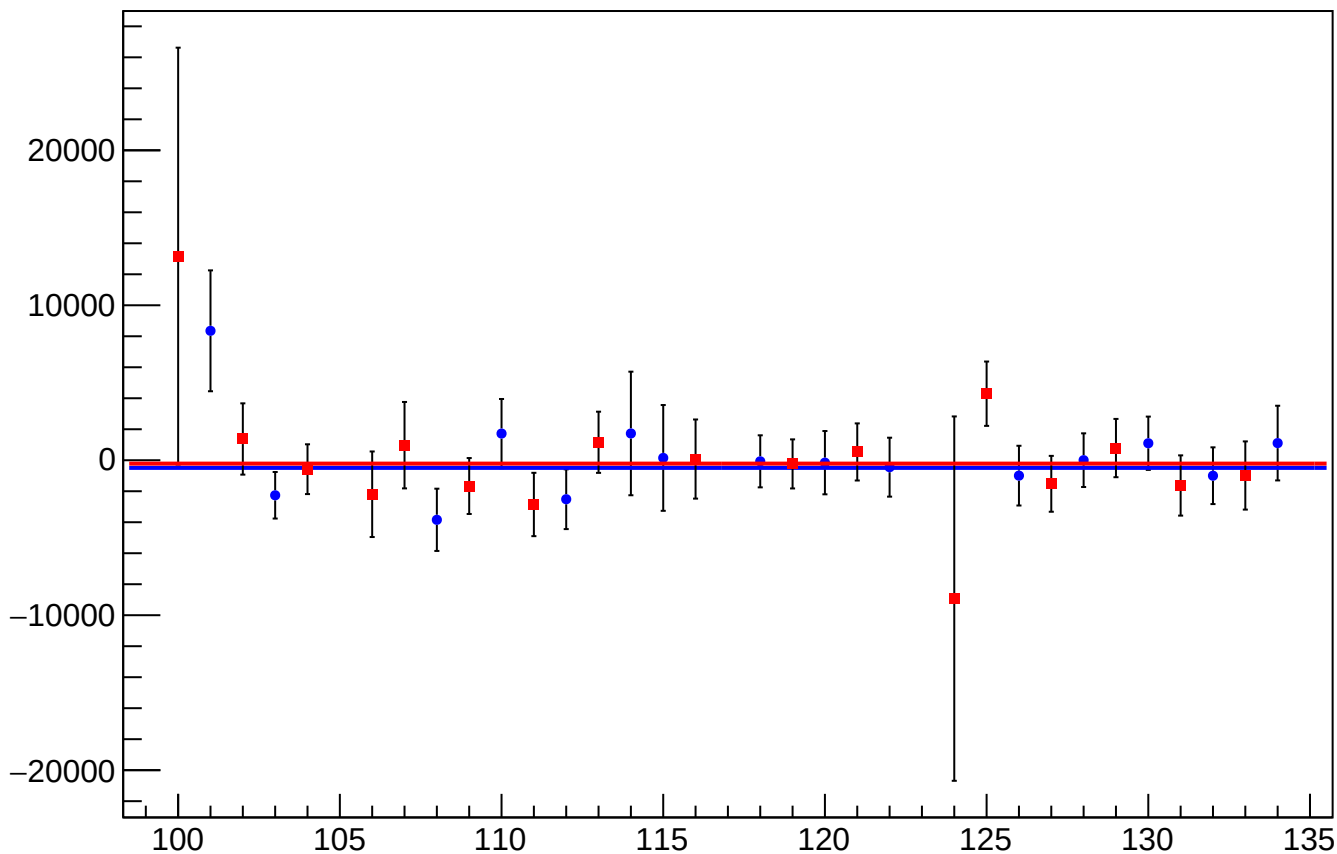
Right: 0.000+/-0.000 χ^2/NDF : 3242034.0/31

In: 0.000+/-0.000 χ^2/NDF : 757637.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3242034.0/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -492.842 $\pm$ 522.899 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -217.420 $\pm$ 513.494 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

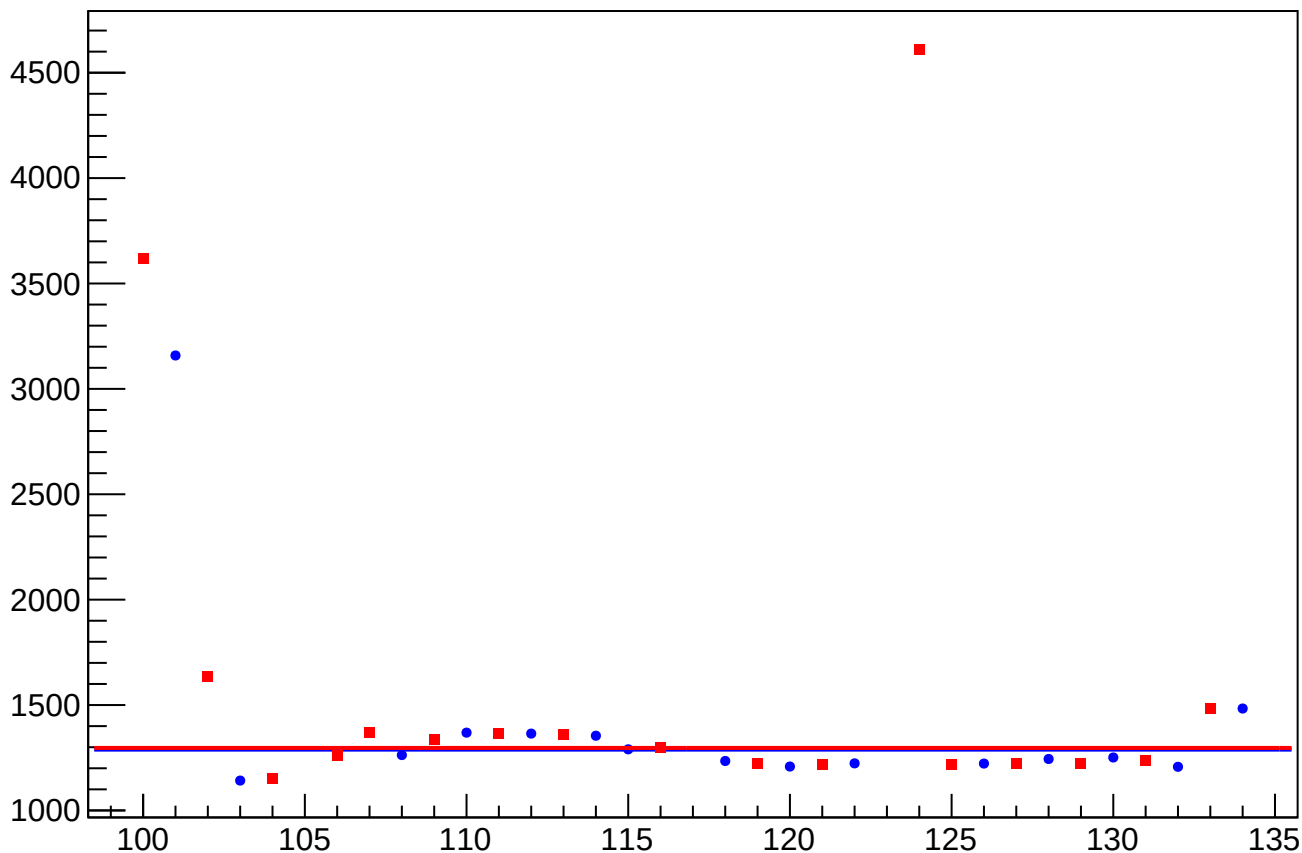
Right: -352.632 $\pm$ 366.375 χ^2 /NDF: 25.4/31

In: -492.842 $\pm$ 522.899 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -352.632 $\pm$ 366.375 χ^2 /NDF: 25.4/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514622.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.555+/-0.362 χ^2/NDF : 318960.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

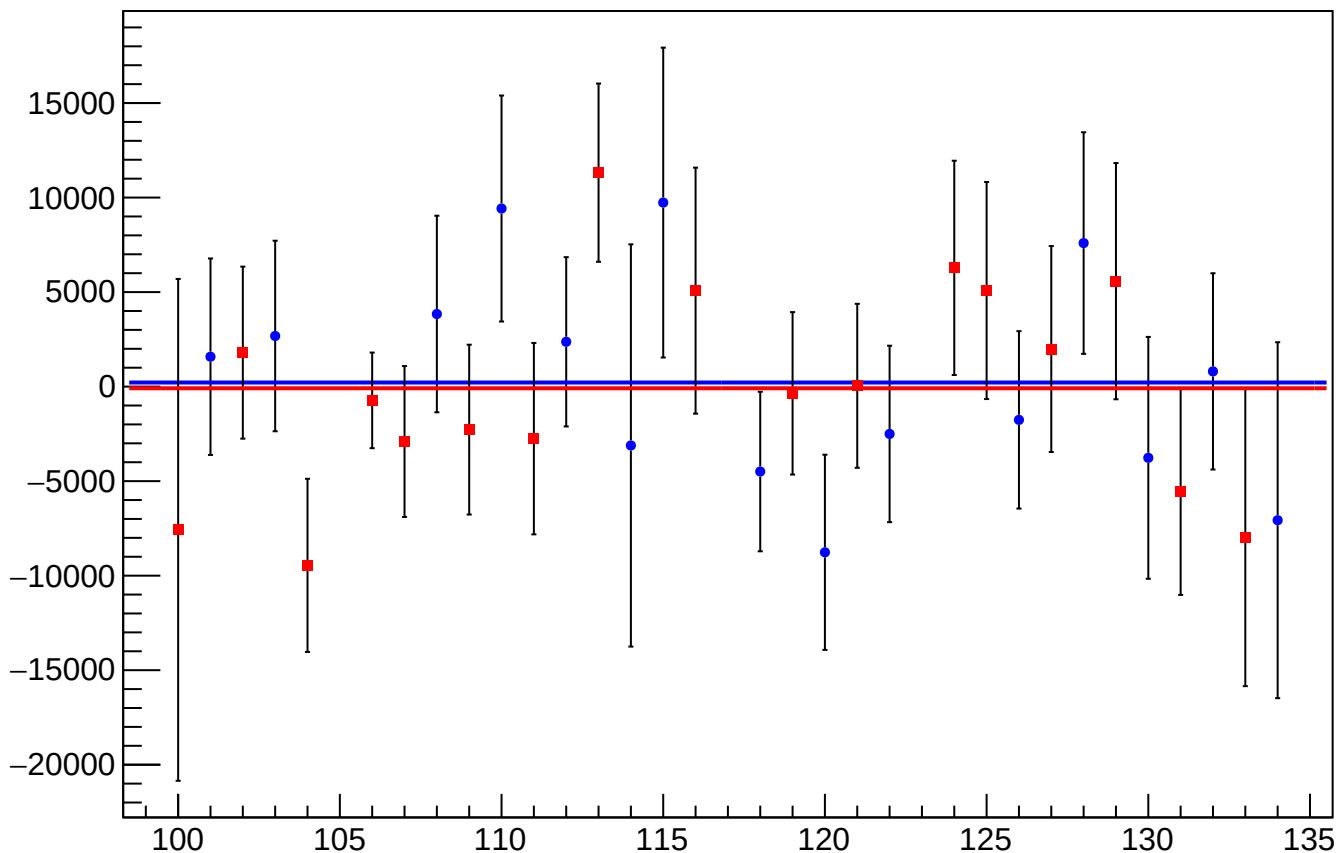
Right: 1292.620+/-0.259 χ^2/NDF : 833824.4/31

In: 1288.515+/-0.370 χ^2/NDF : 514622.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.620+/-0.259 χ^2/NDF : 833824.4/31

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 216.575+/-1411.418 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.795+/-1150.348 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

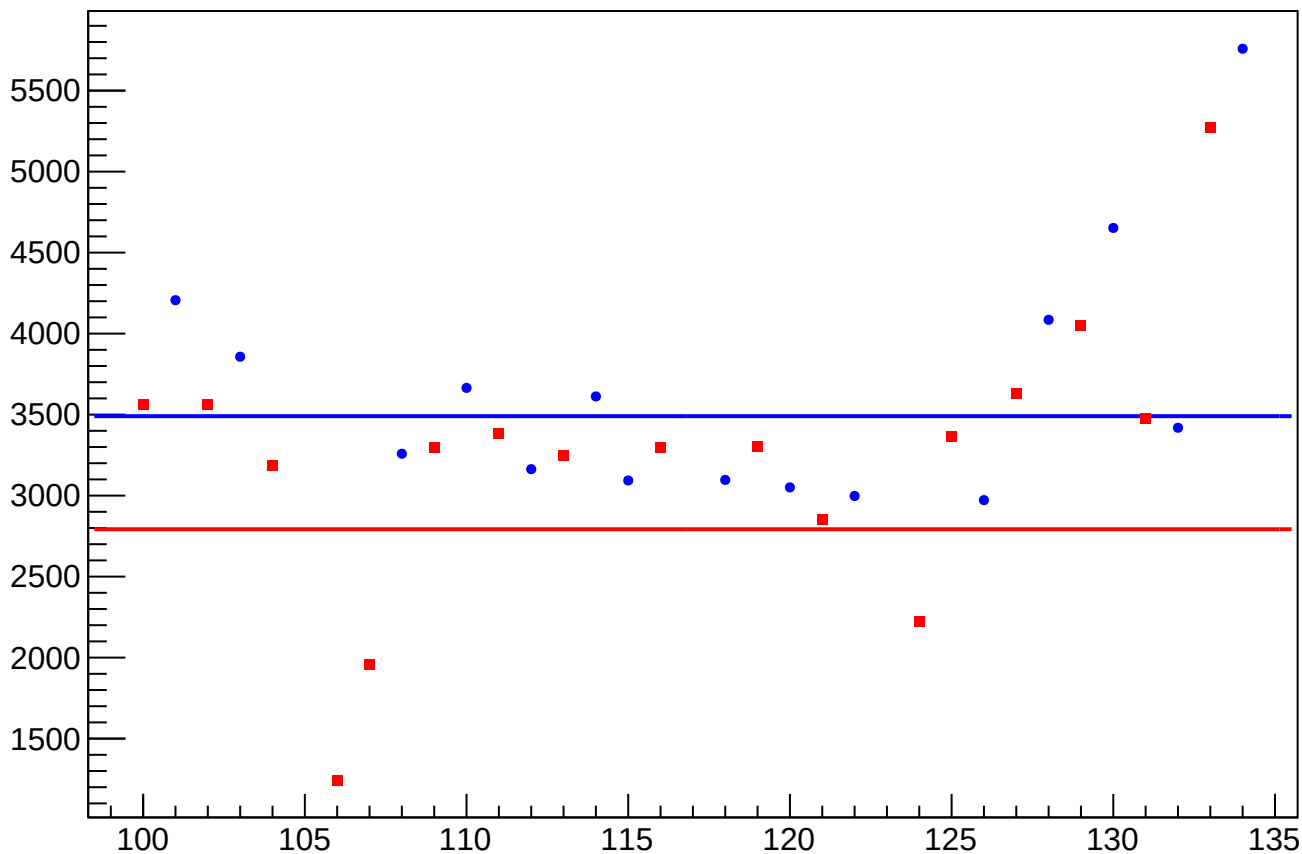
Right: 34.291+/-891.696 χ^2/NDF : 29.5/31

In: 216.575+/-1411.418 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.291+/-891.696 χ^2/NDF : 29.5/31

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2792.290+/-0.813 χ^2/NDF : 1429809.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

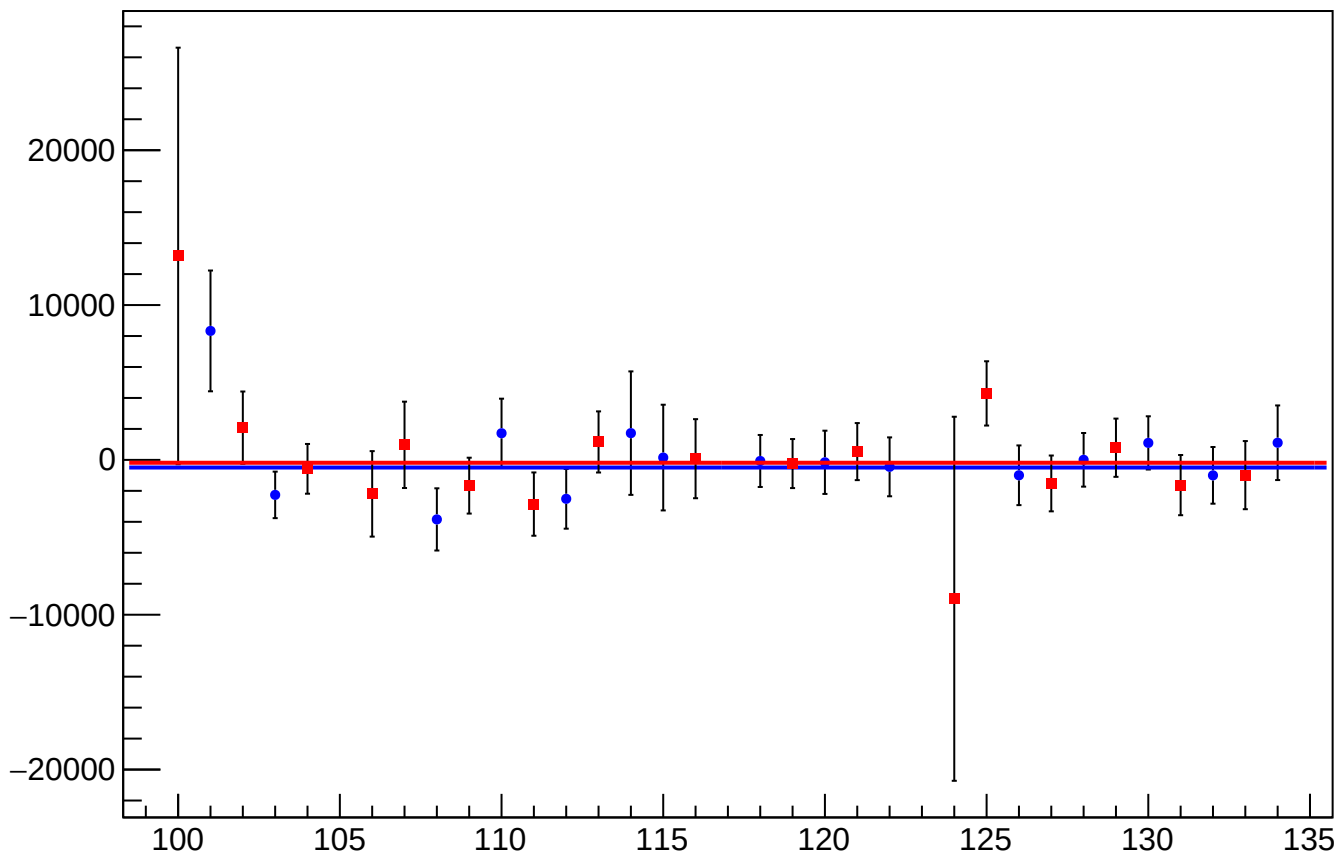
Right: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -185.468+/-513.871 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

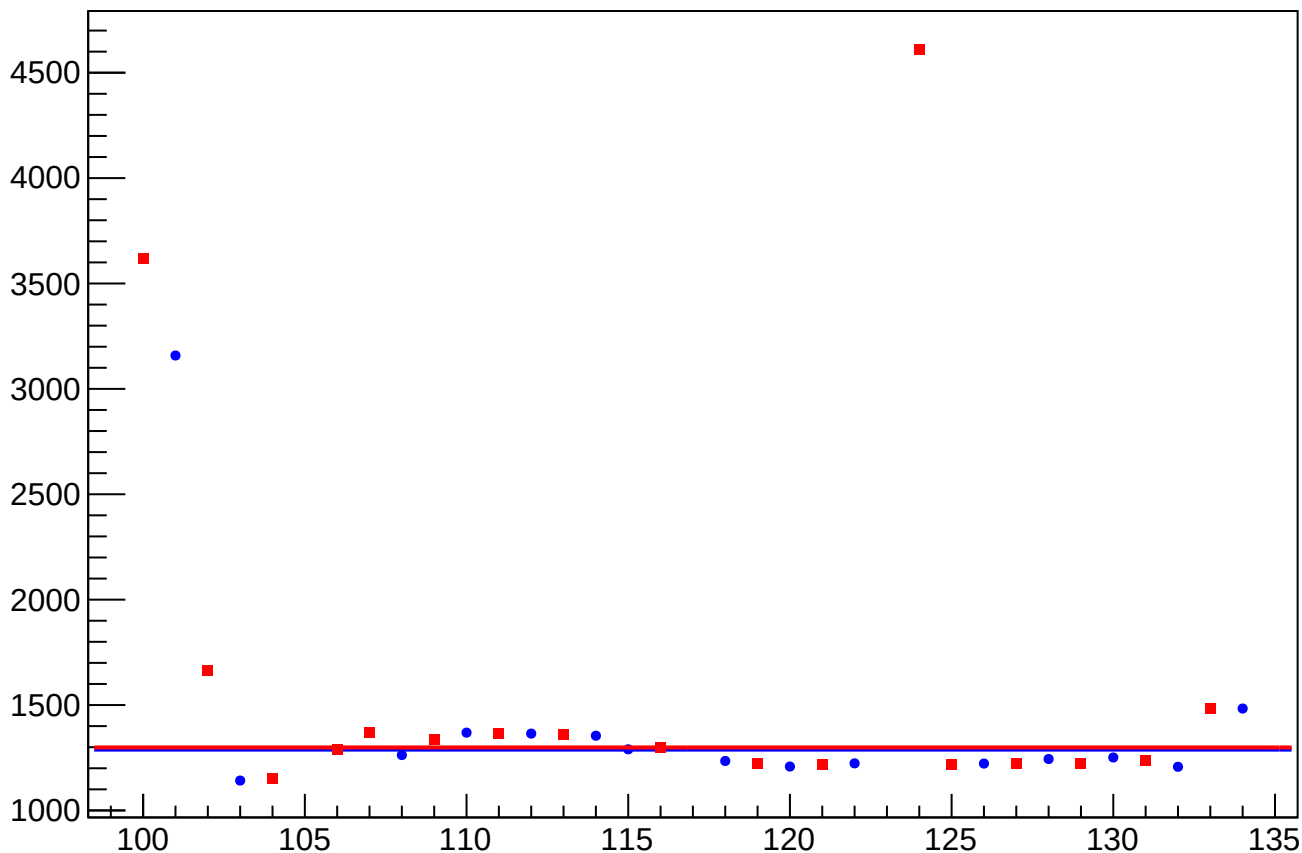
Right: -336.703+/-366.512 χ^2/NDF : 25.9/31

In: -493.297+/-522.899 χ^2/NDF :13.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -336.703+/-366.512 χ^2/NDF : 25.9/31

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

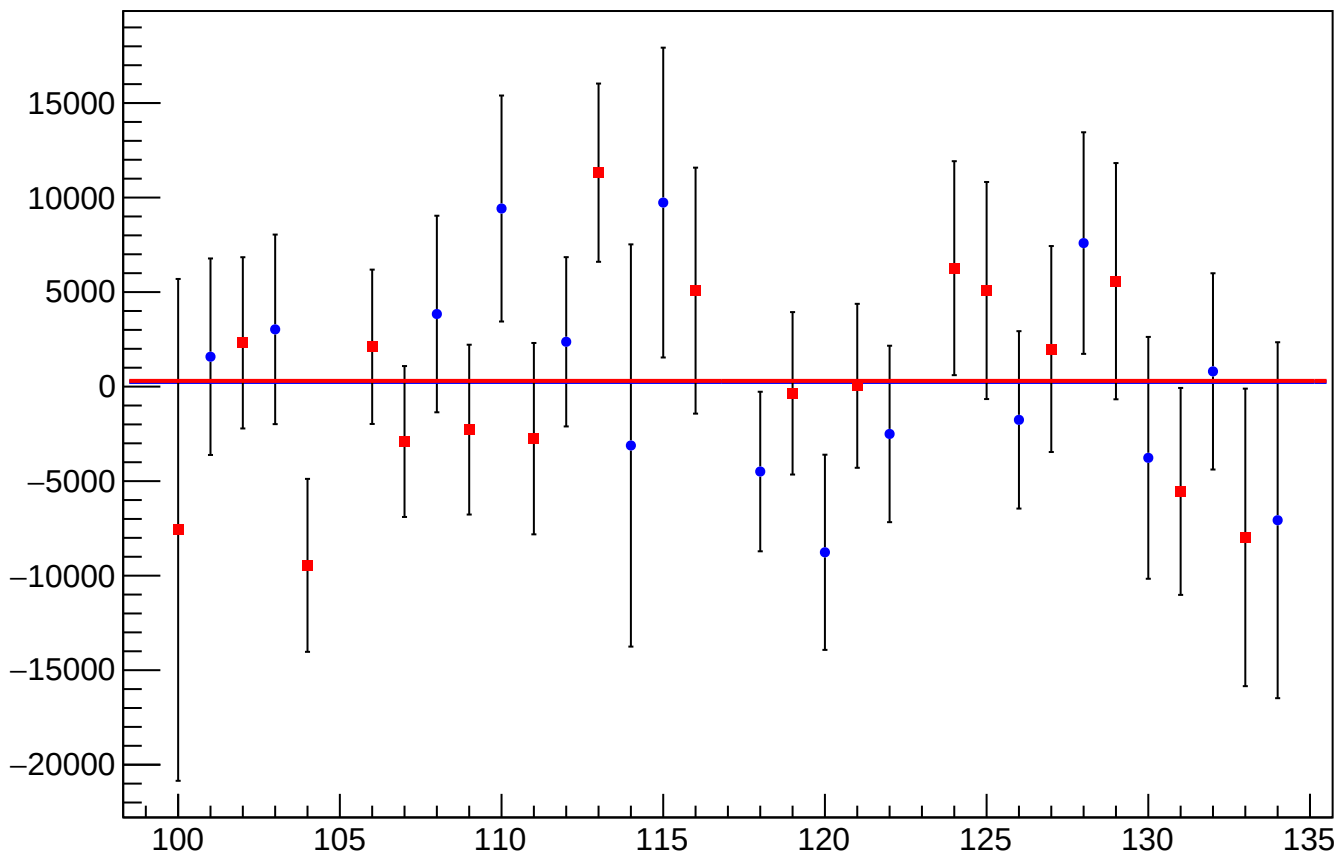
Right: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.867+/-1230.941 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

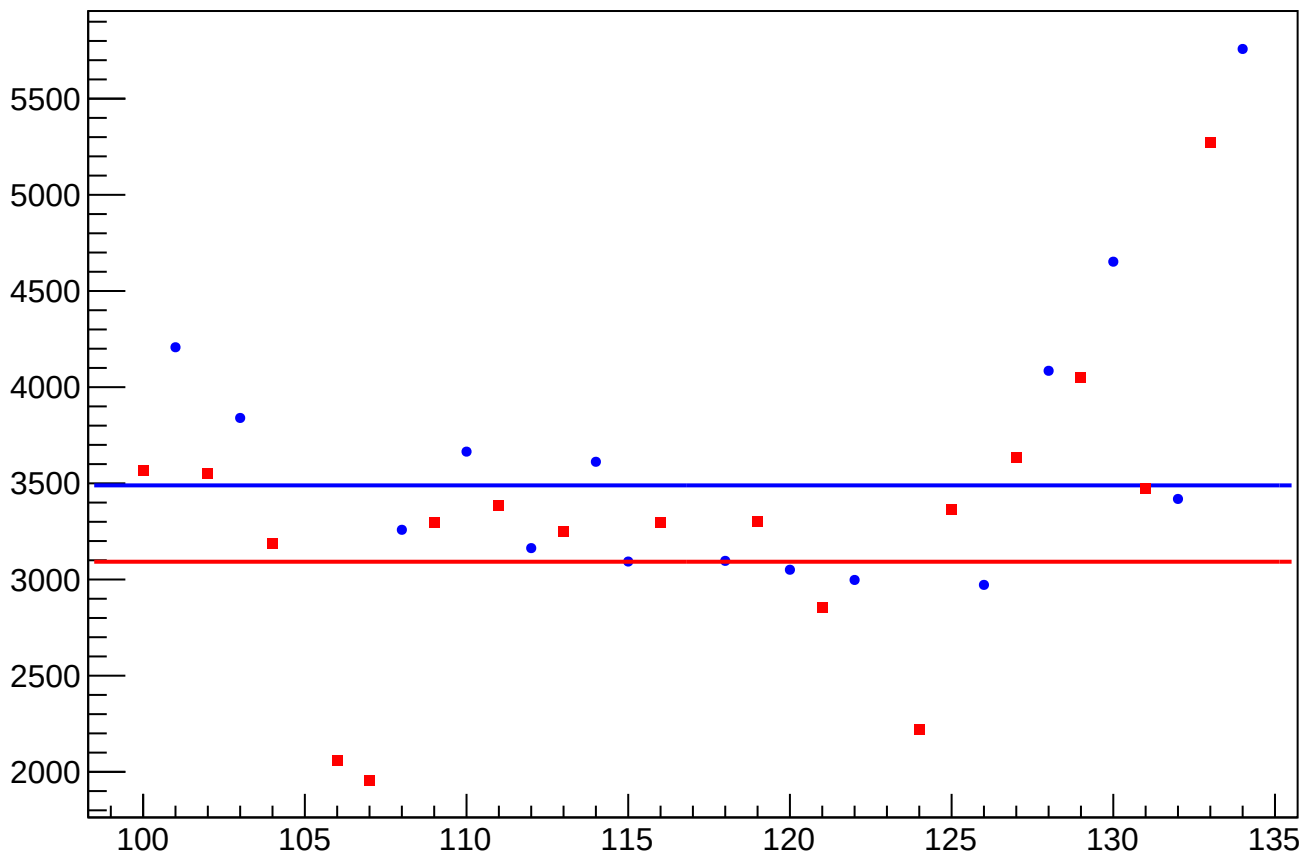
Right: 278.380+/-927.539 χ^2/NDF : 29.8/31

In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.380+/-927.539 χ^2/NDF : 29.8/31

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

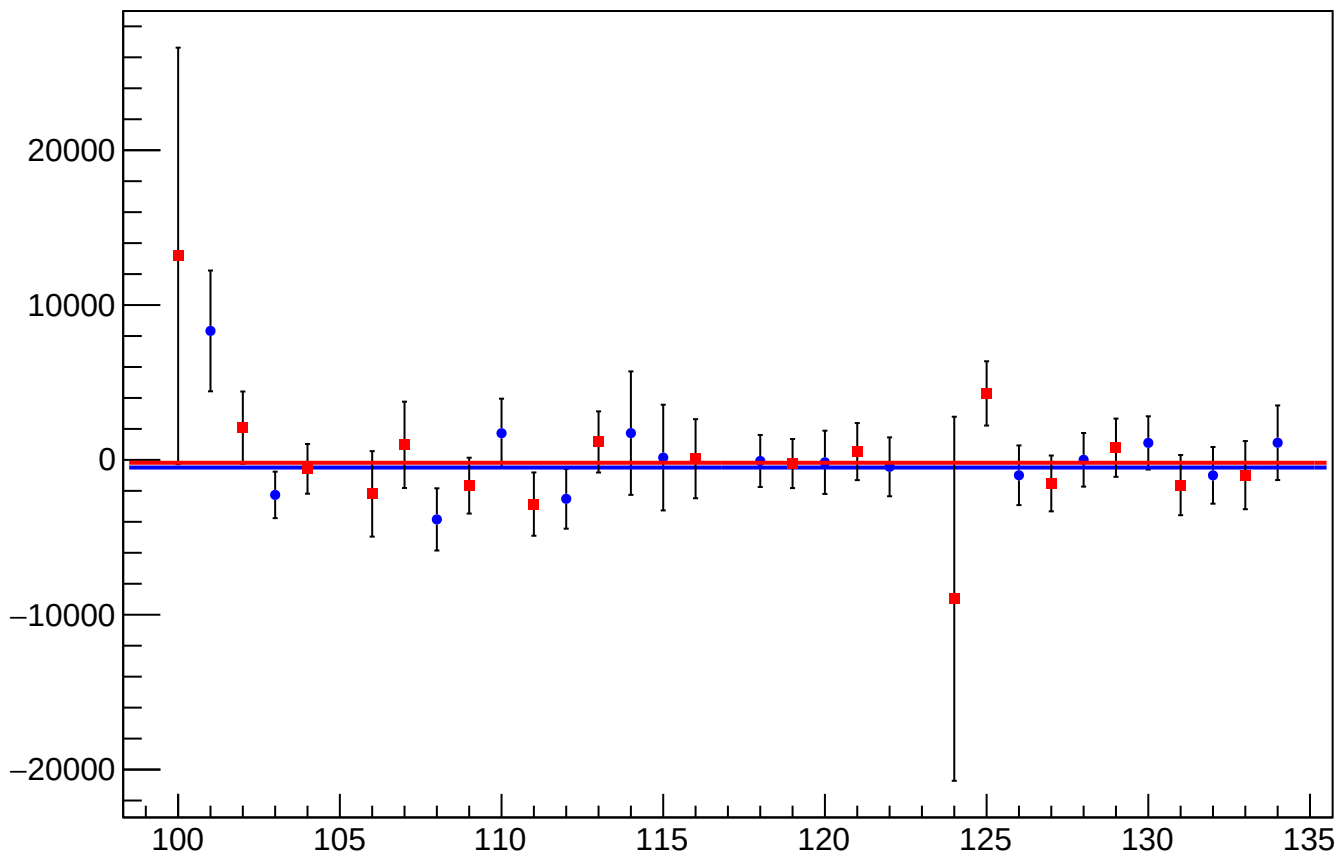
Right: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -185.468+/-513.871 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

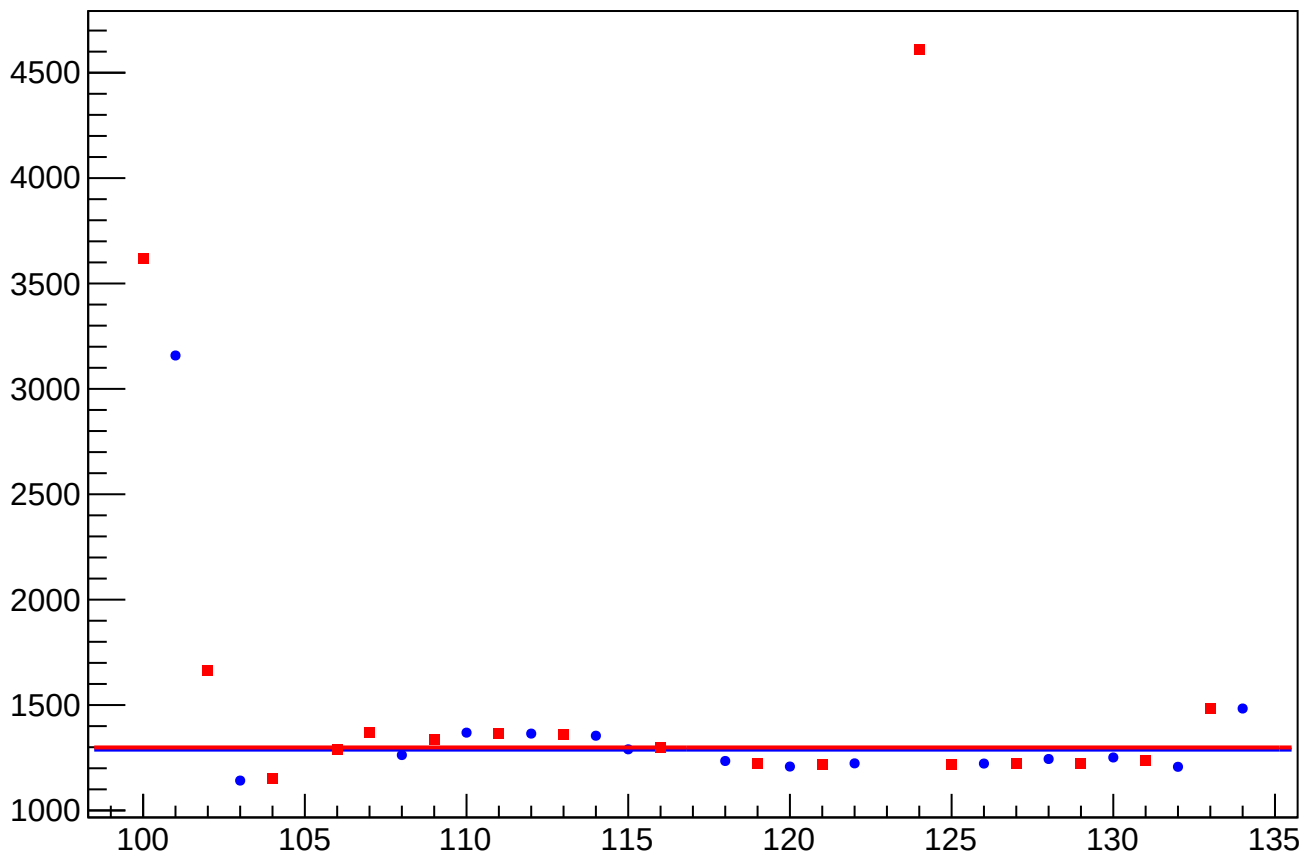
Right: -336.703+/-366.512 χ^2/NDF : 25.9/31

In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.703+/-366.512 χ^2/NDF : 25.9/31

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

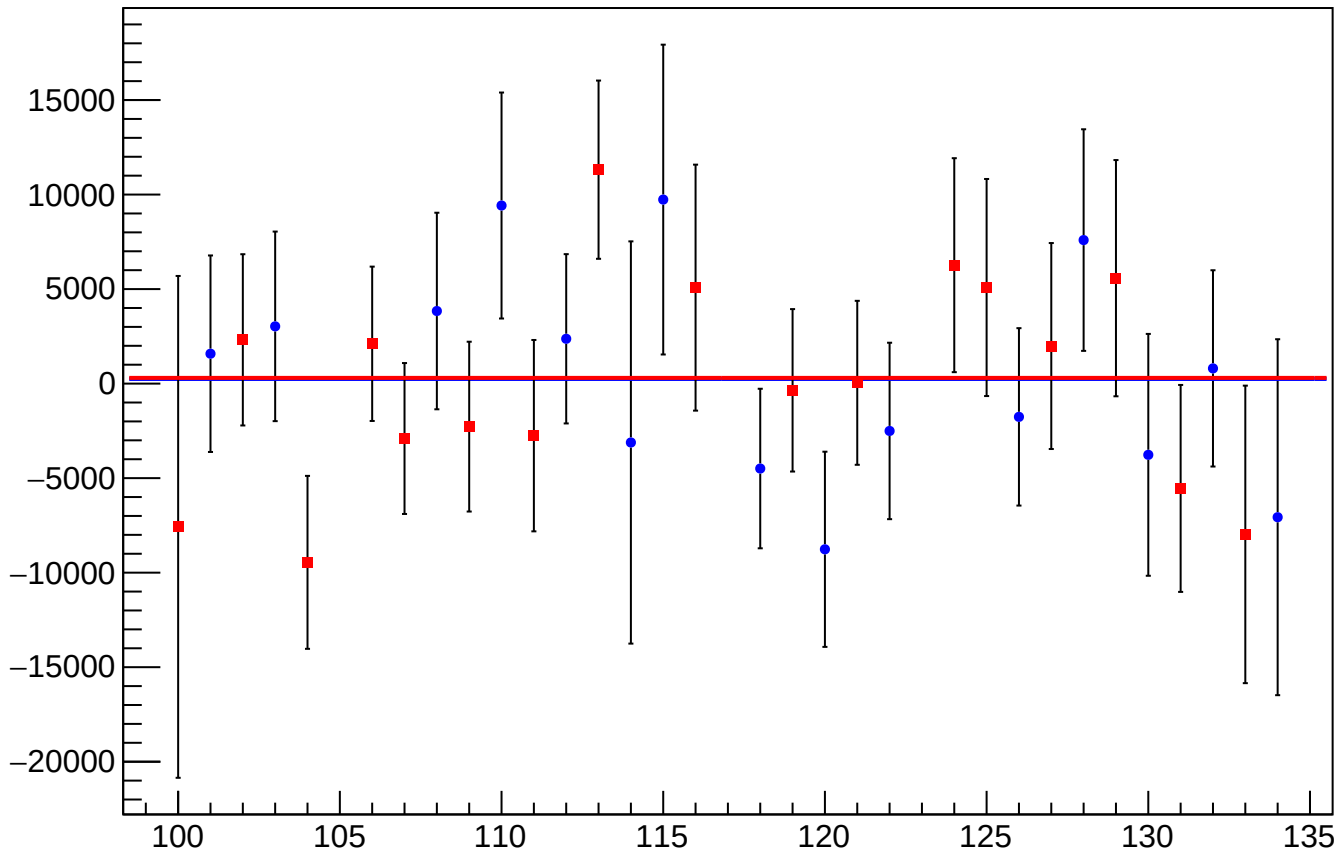
Right: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.867+/-1230.941 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

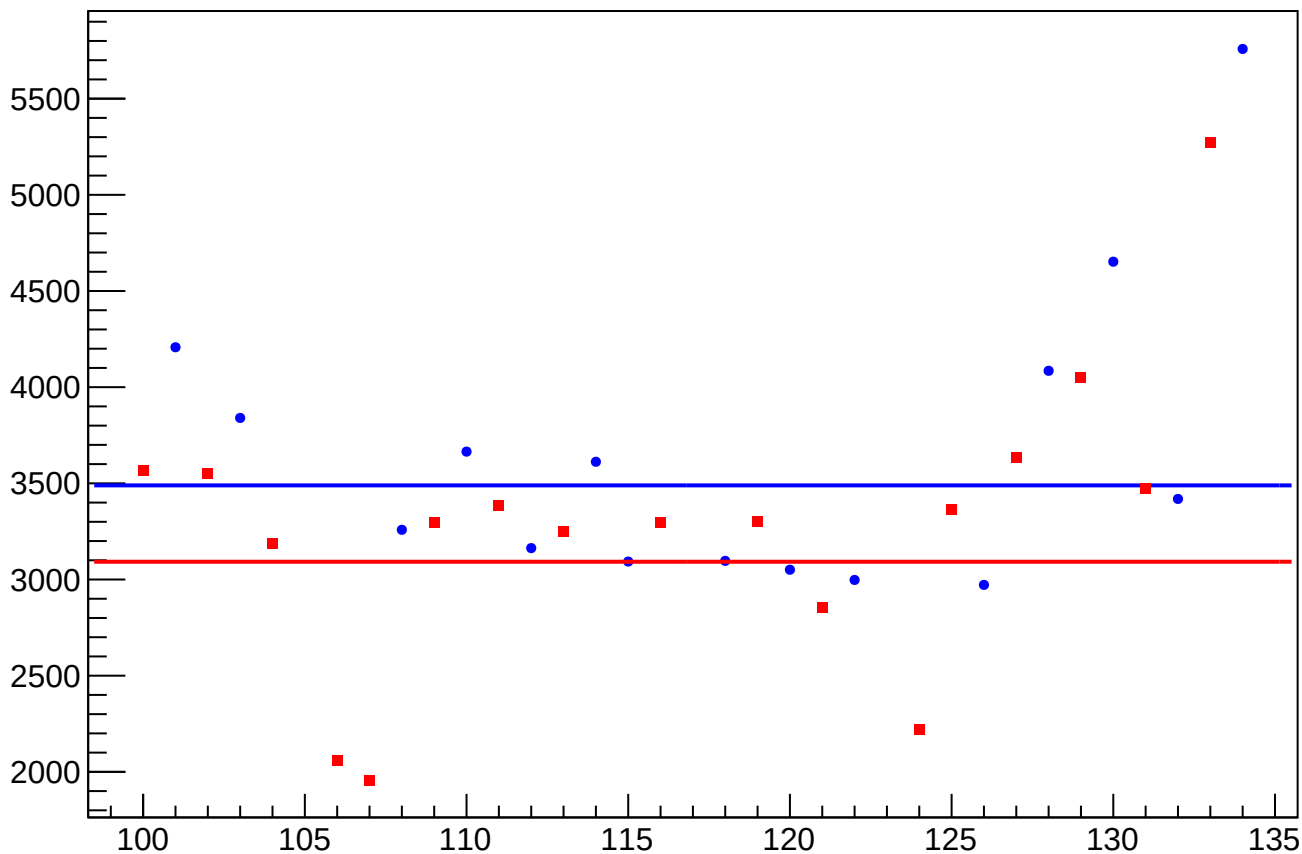
Right: 278.380+/-927.539 χ^2/NDF : 29.8/31

In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.380+/-927.539 χ^2/NDF : 29.8/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

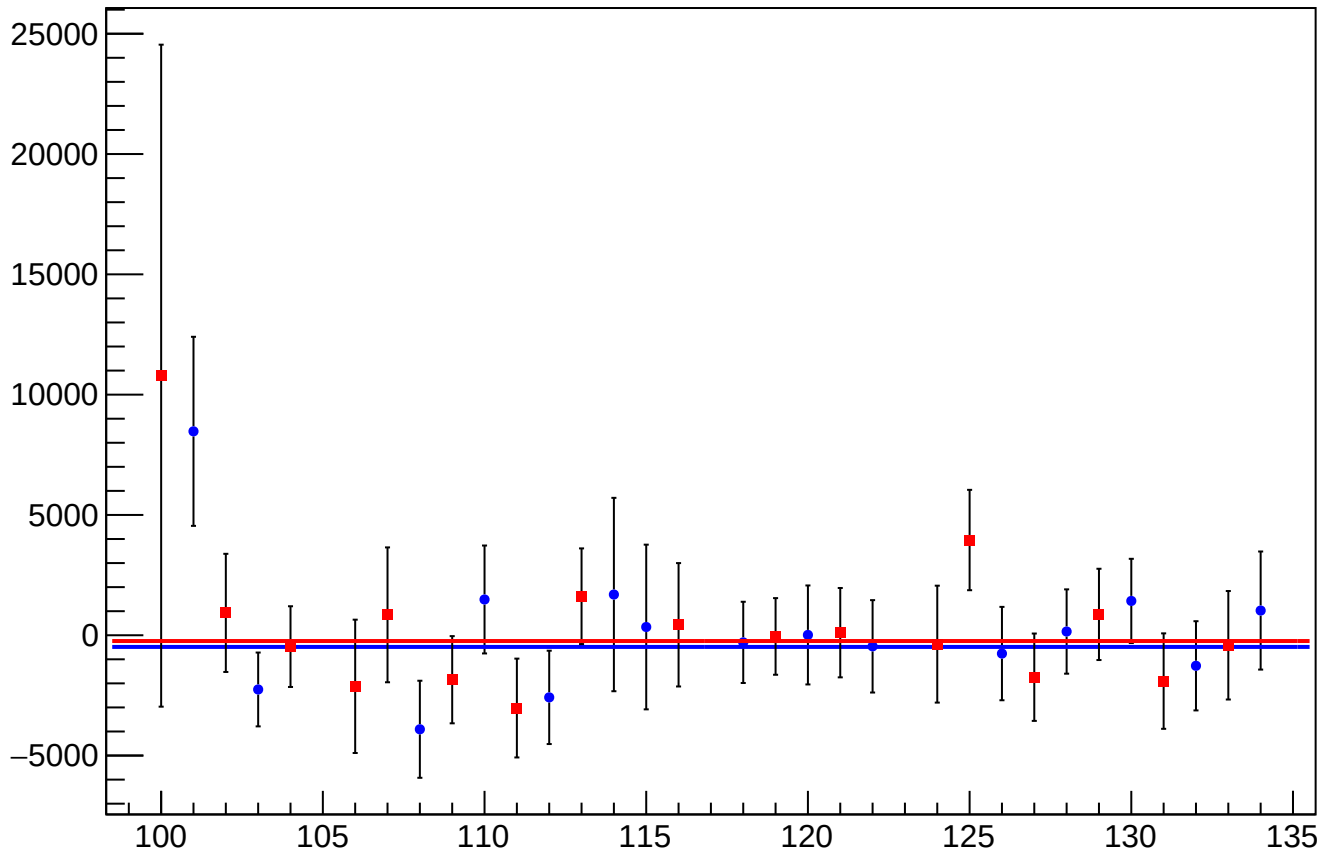
Right: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -485.013+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.257+/-509.871 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

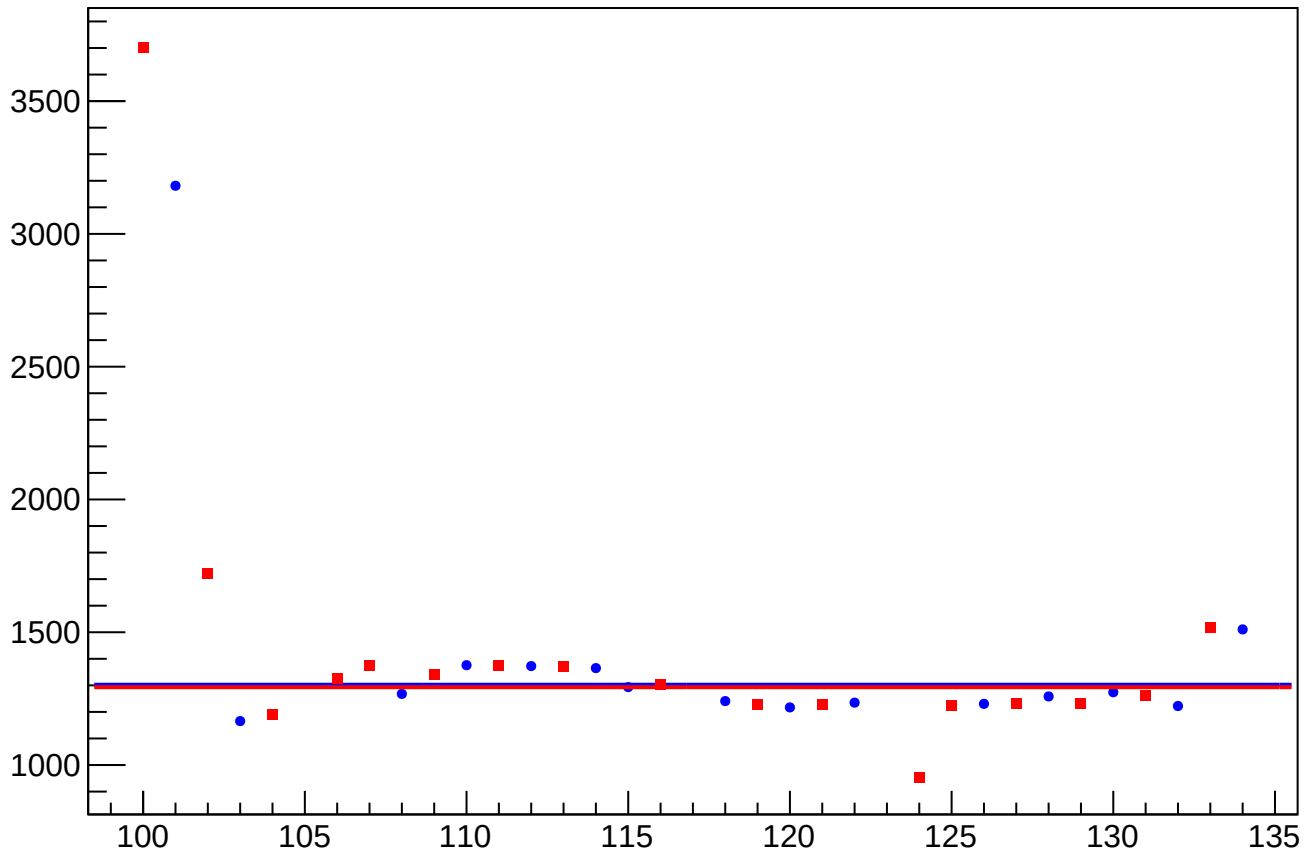
Right: -358.251+/-366.934 χ^2/NDF : 24.7/31

In: -485.013+/-528.473 χ^2/NDF : 13.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.251+/-366.934 χ^2/NDF : 24.7/31

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

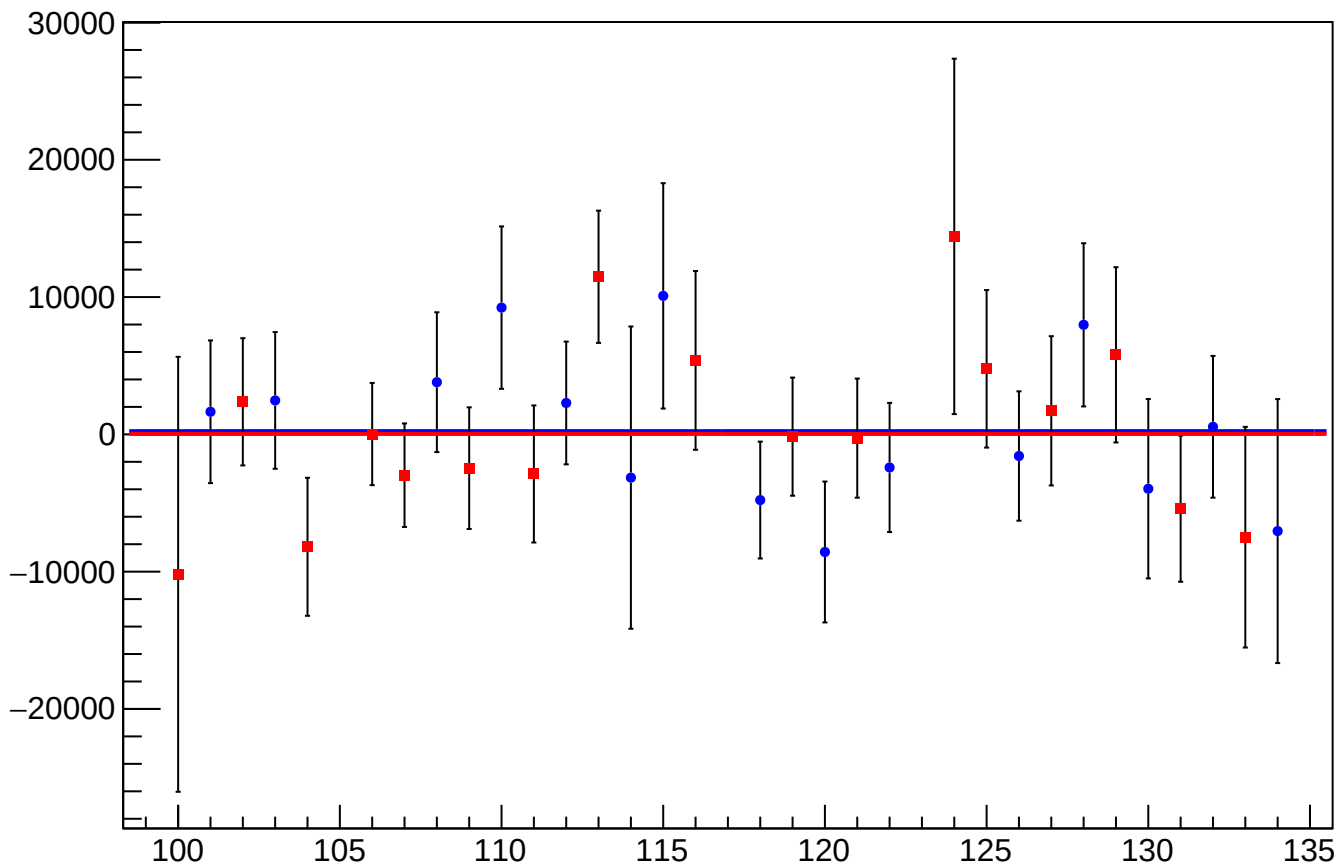
Right: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.123+/-1412.627 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.502+/-1247.043 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

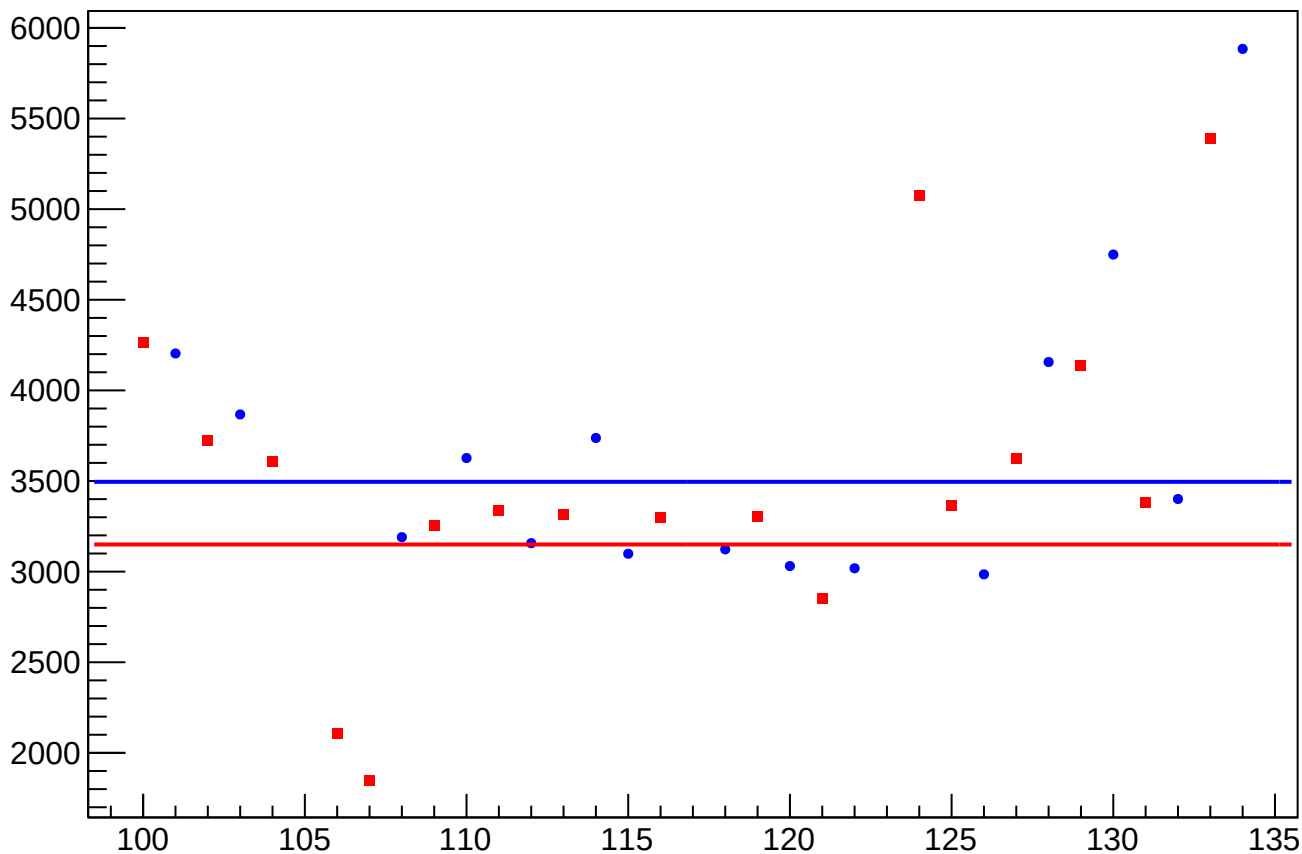
Right: 119.685+/-934.881 χ^2/NDF : 28.0/31

In: 234.123+/-1412.627 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.685+/-934.881 χ^2/NDF : 28.0/31

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.771+/-0.882 χ^2/NDF : 741142.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

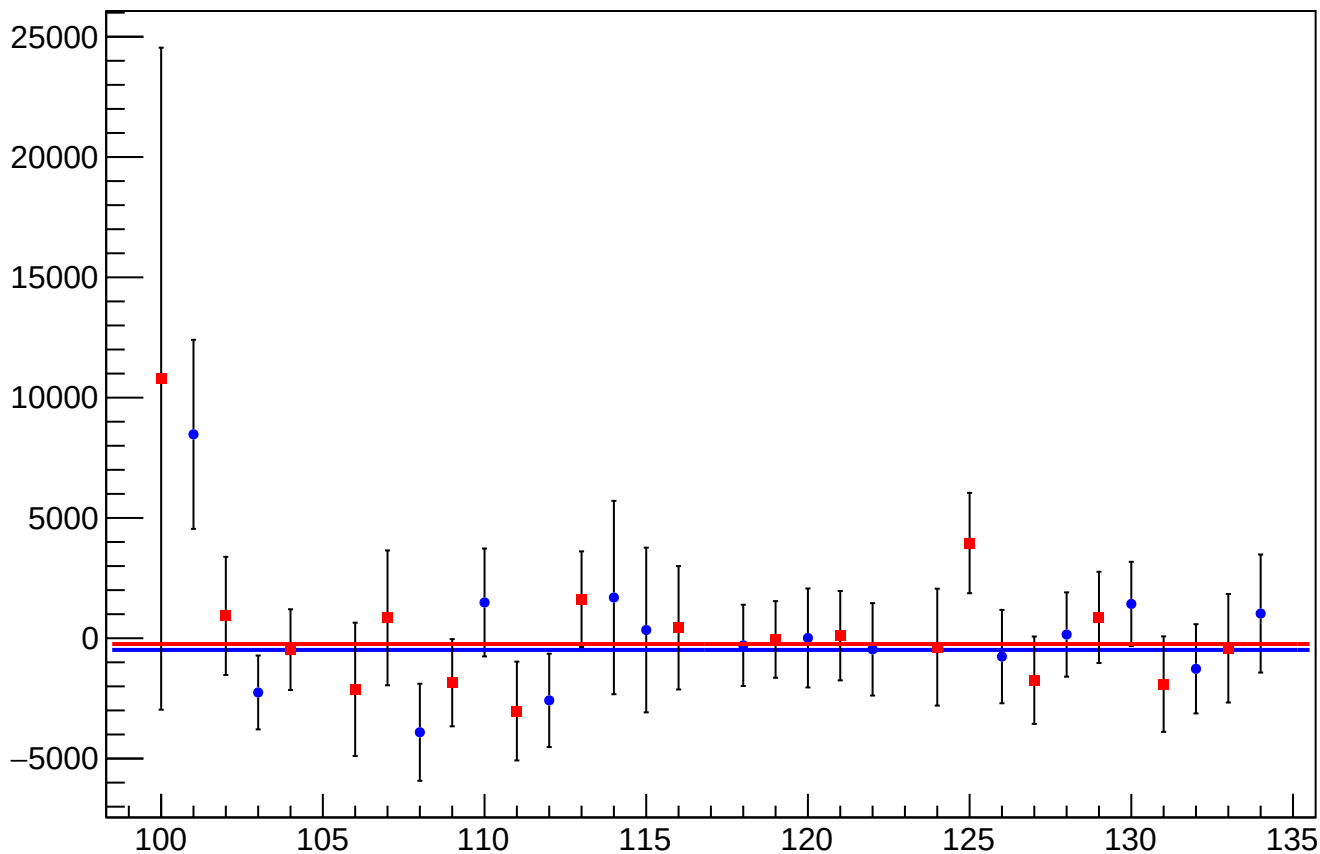
Right: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -485.016+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -240.262+/-509.871 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

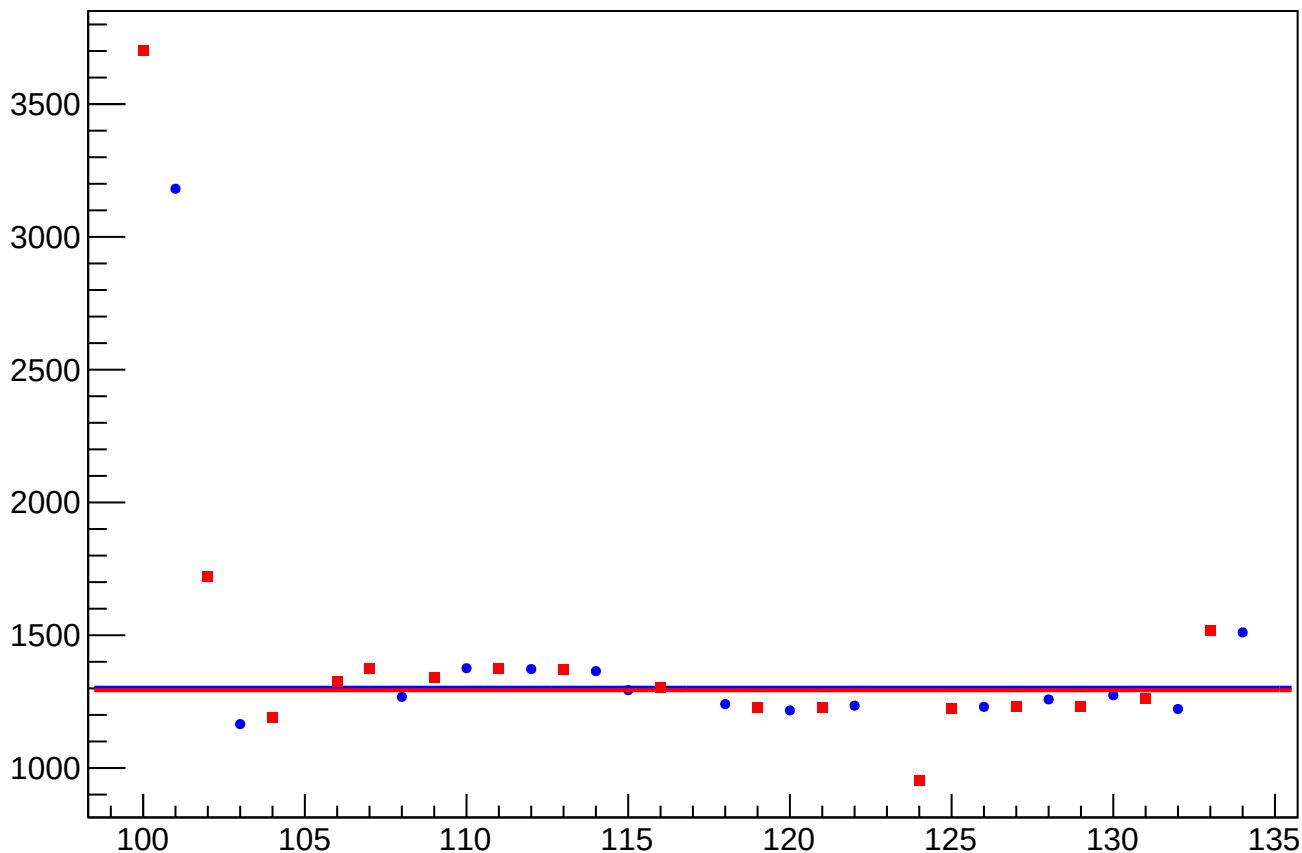
Right: -358.255+/-366.933 χ^2/NDF : 24.7/31

In: -485.016+/-528.473 χ^2/NDF :13.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -358.255+/-366.933 χ^2/NDF : 24.7/31

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

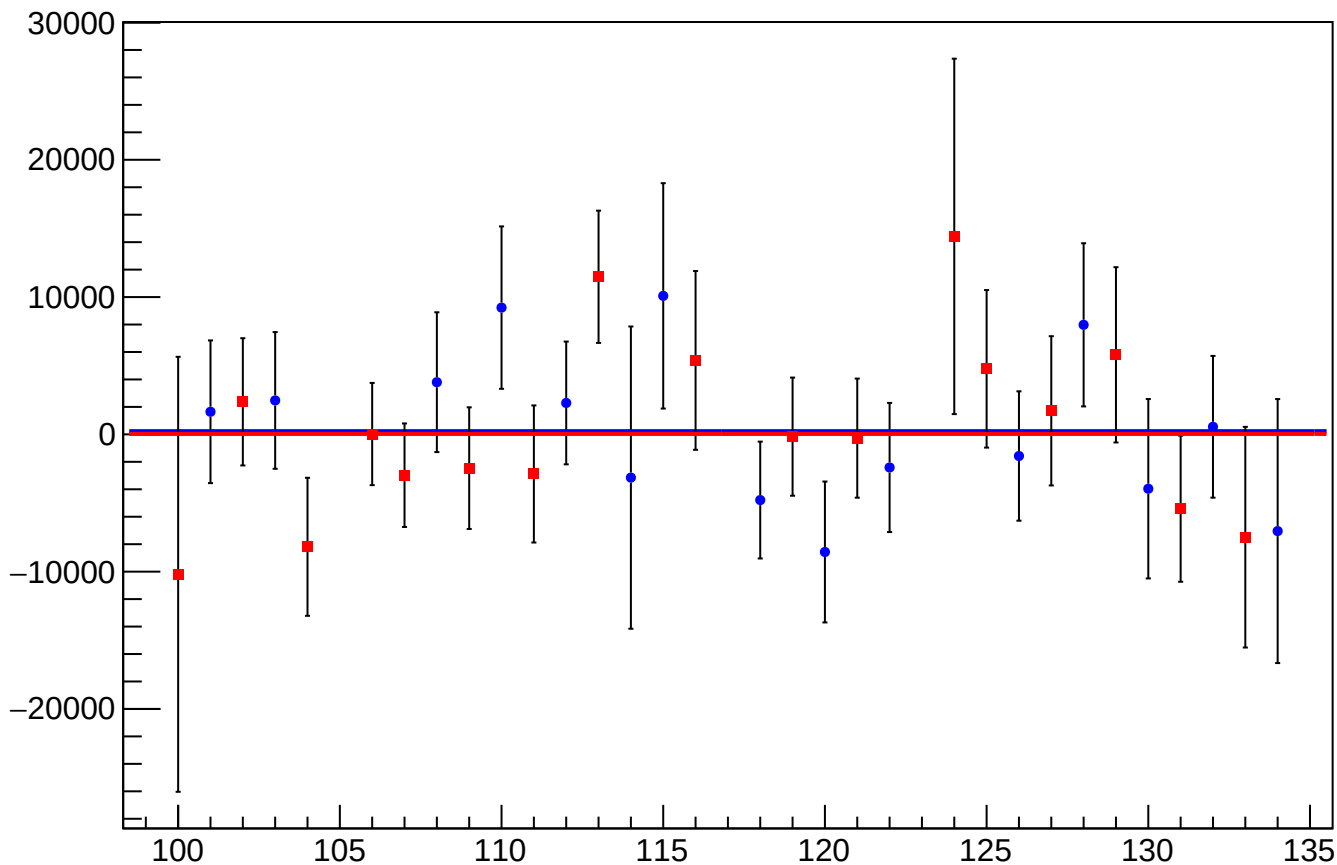
Right: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.118 $\pm$ 1412.623 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.498 $\pm$ 1247.039 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

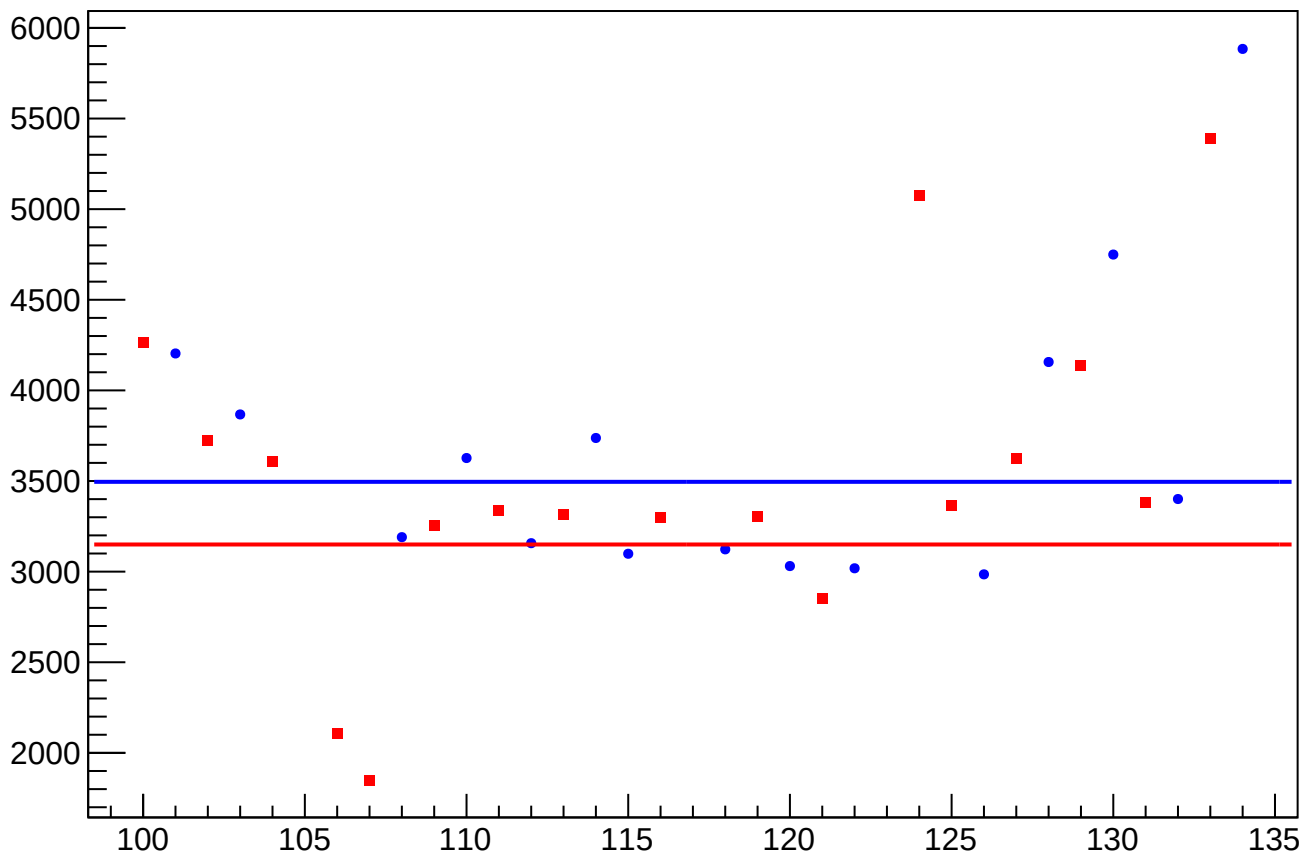
Right: 119.680 $\pm$ 934.878 χ^2 /NDF: 28.0/31

In: 234.118 $\pm$ 1412.623 χ^2 /NDF:12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.680 $\pm$ 934.878 χ^2 /NDF: 28.0/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3495.482+/-0.999 χ^2/NDF : 371907.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.762+/-0.882 χ^2/NDF : 741142.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

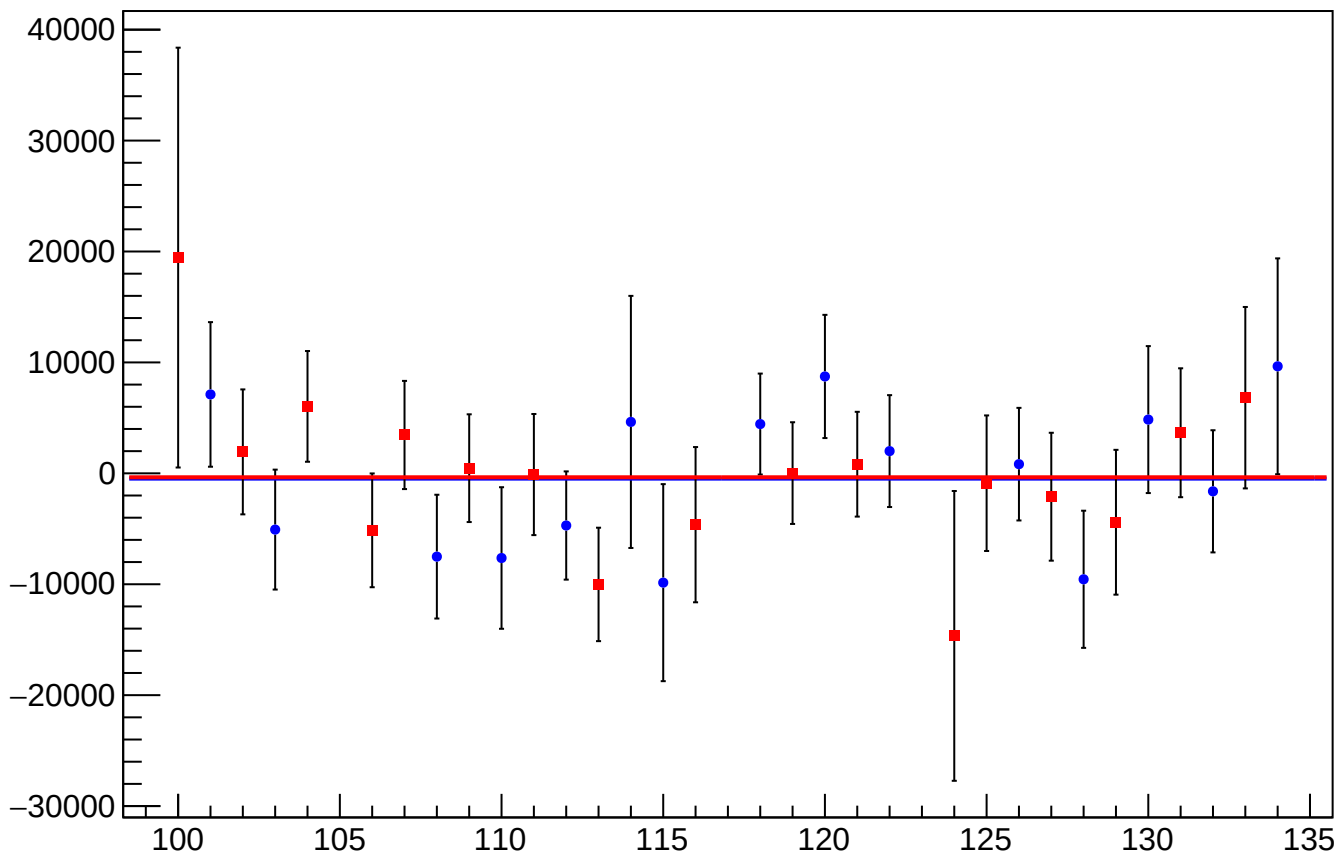
Right: 3301.182+/-0.661 χ^2/NDF : 1180375.0/31

In: 3495.482+/-0.999 χ^2/NDF : 371907.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.182+/-0.661 χ^2/NDF : 1180375.0/31

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -356.476+/-1397.238 χ^2/NDF : 11.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

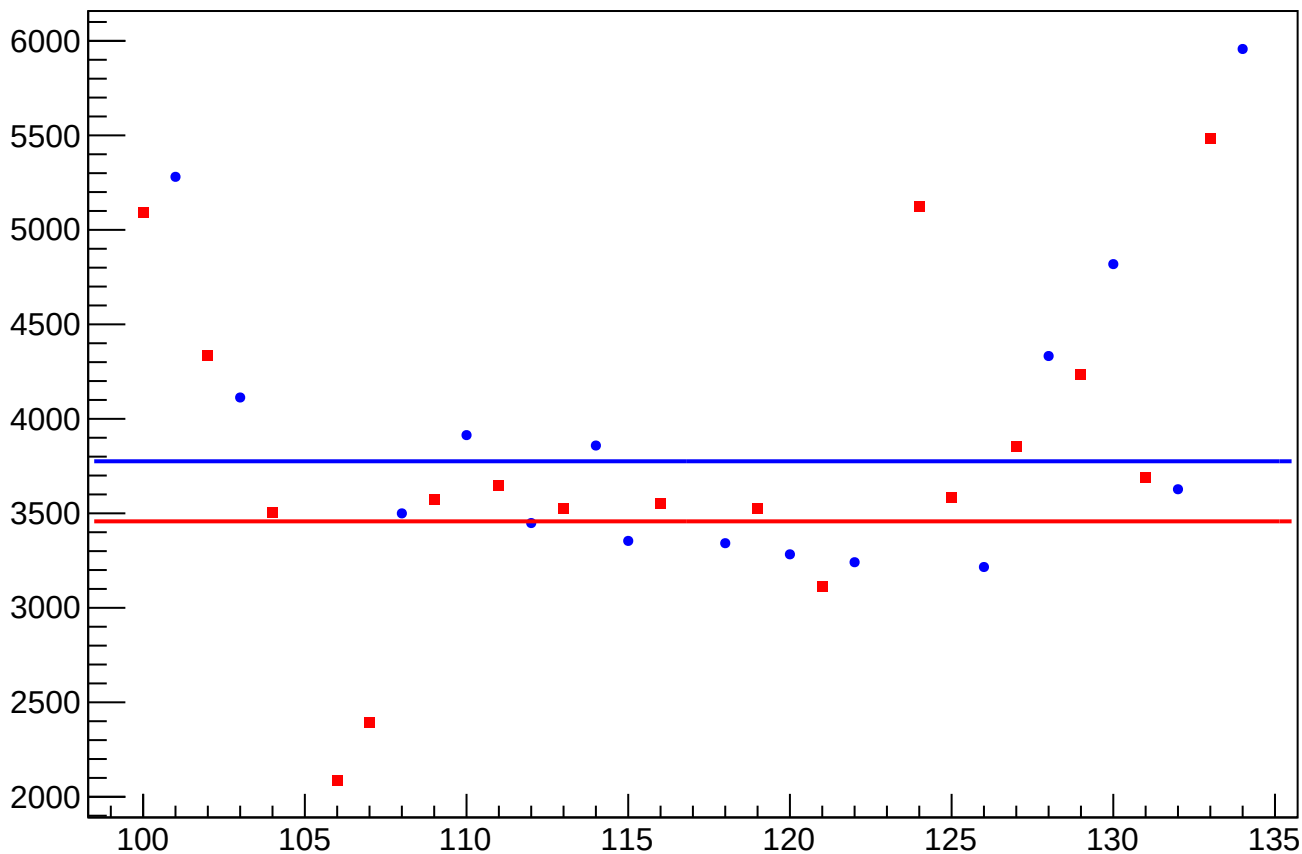
Right: -411.229+/-1031.208 χ^2/NDF : 26.5/31

In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.229+/-1031.208 χ^2/NDF : 26.5/31

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3457.587+/-0.973 χ^2/NDF : 572805.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

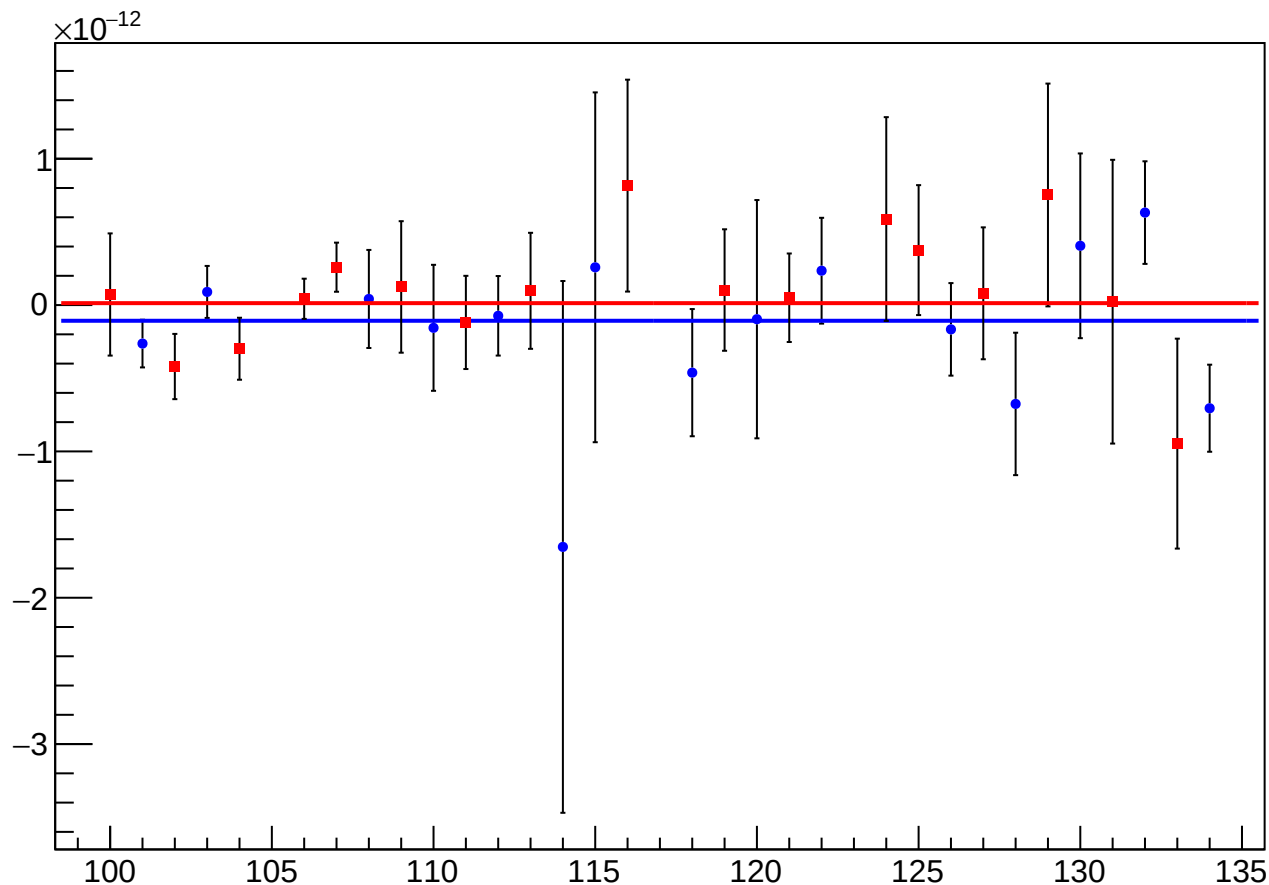
Right: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

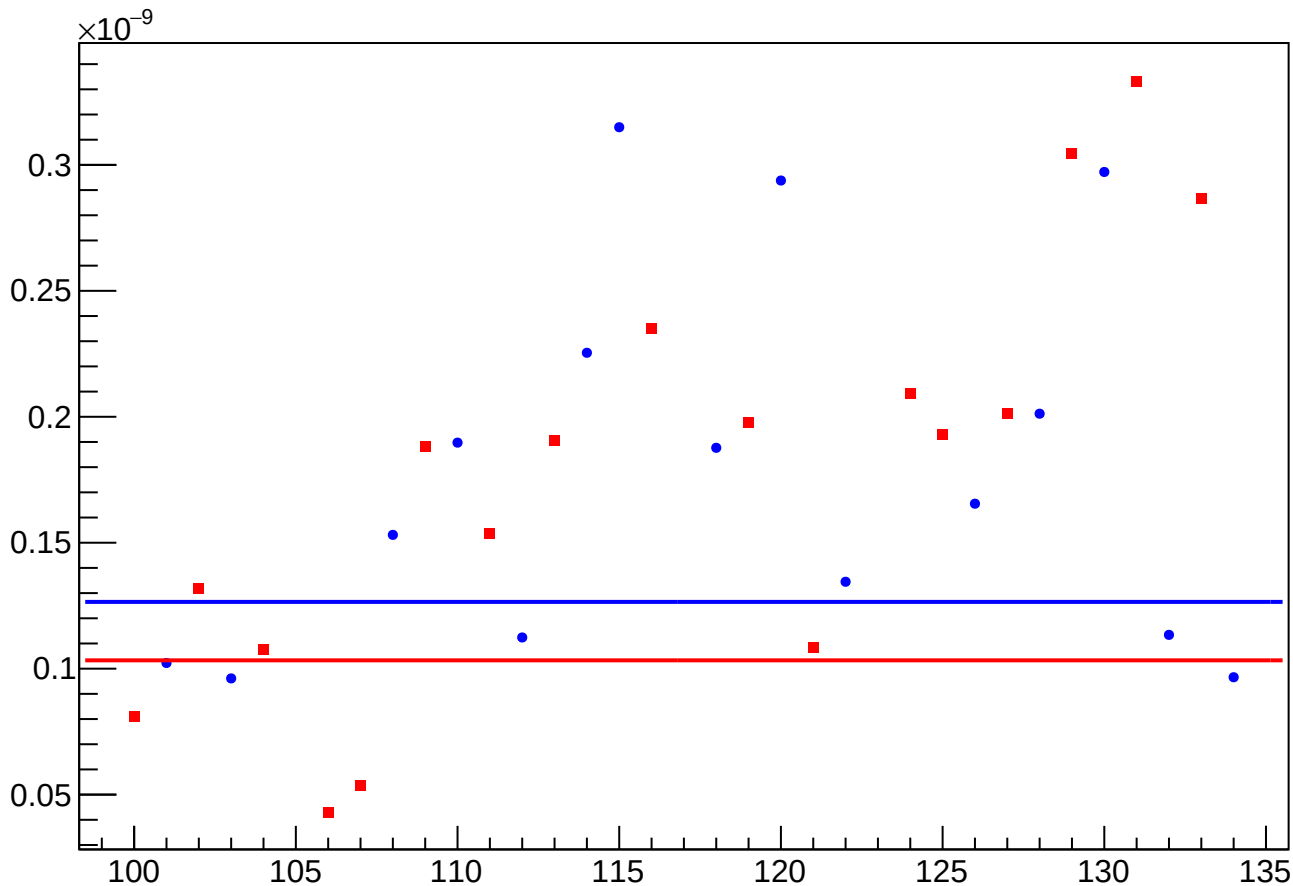
Right: -0.000+/-0.000 χ^2/NDF : 30.3/31

In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/31

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1596591.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

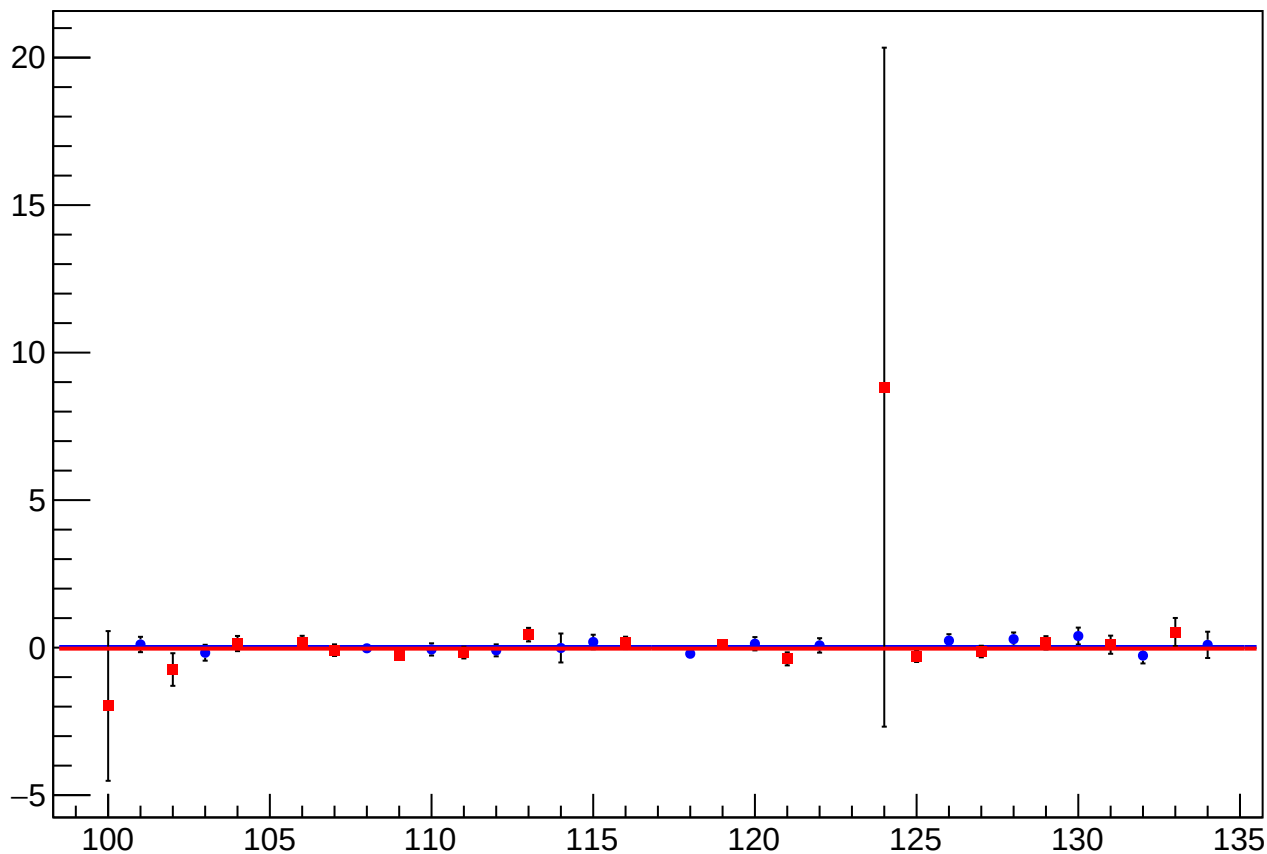
Right: 0.000+/-0.000 χ^2/NDF : 2278499.3/31

In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2278499.3/31

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

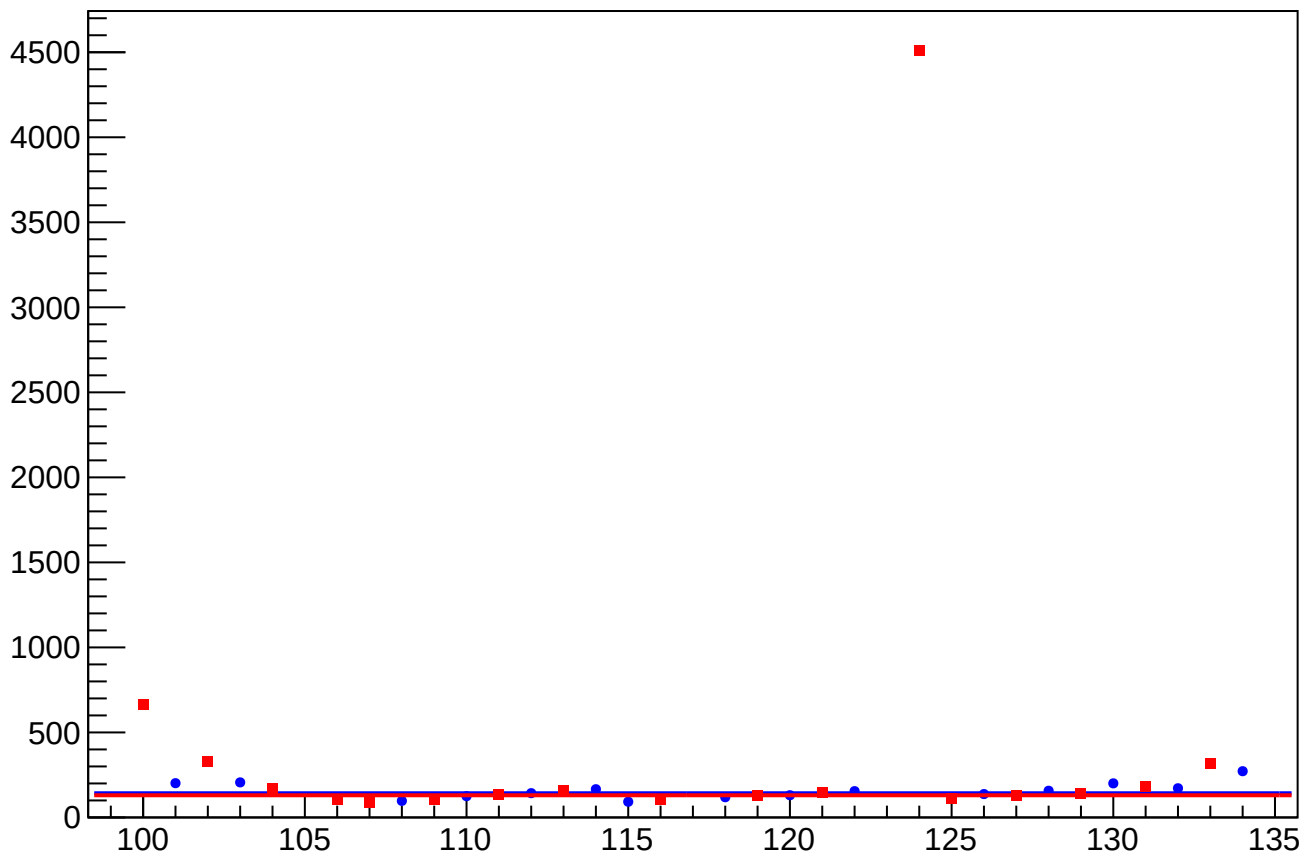
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

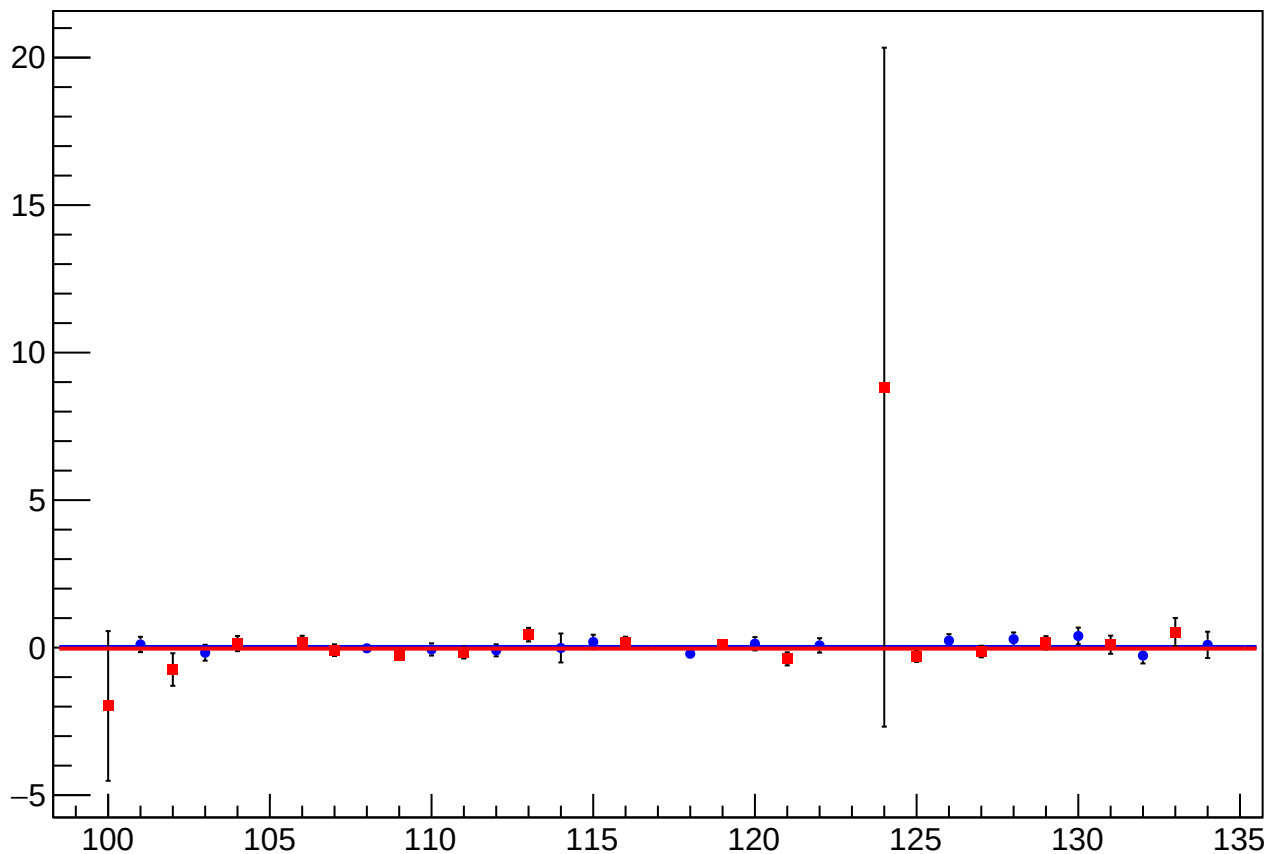
Right: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.056 χ^2 /NDF: 19.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

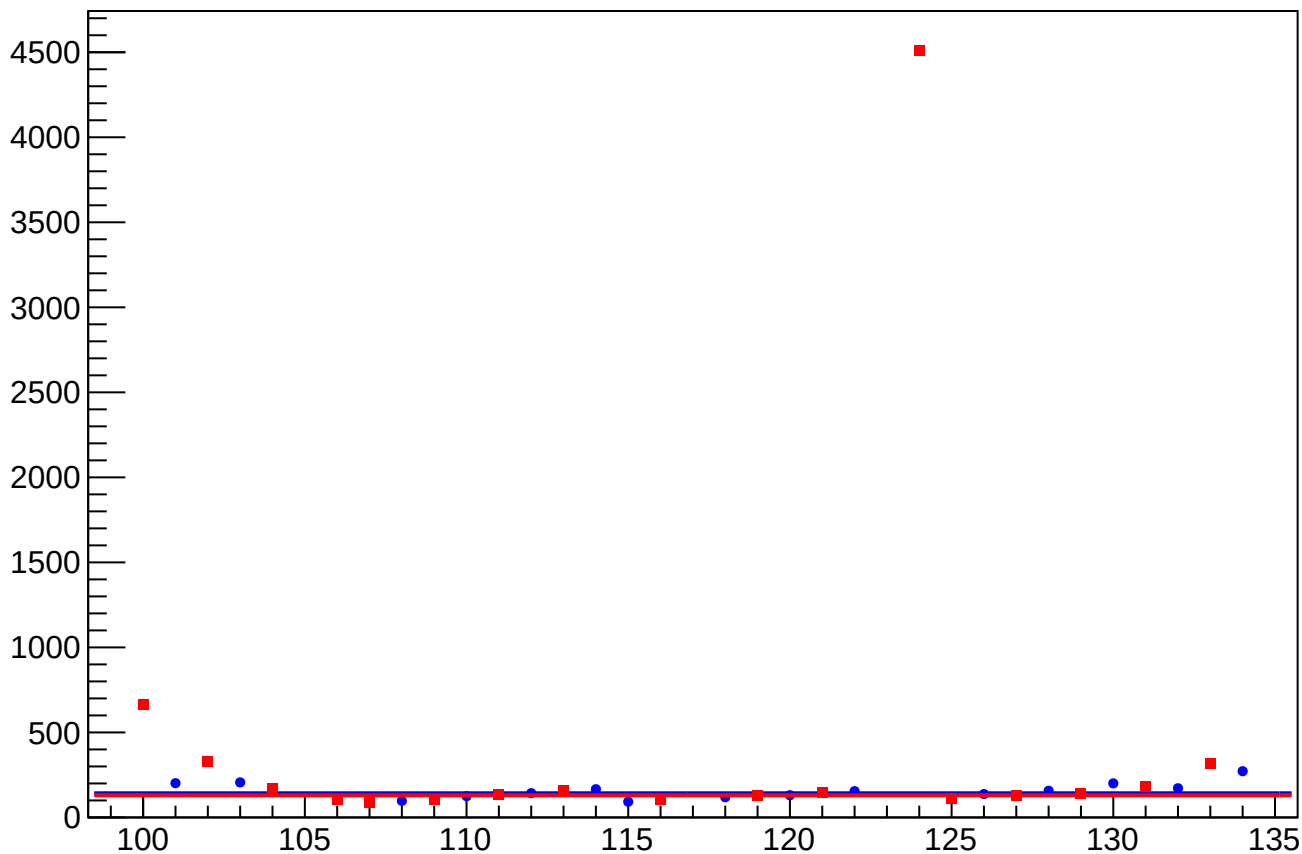
Right: -0.008 $\pm$ 0.041 χ^2 /NDF: 29.3/31

In: 0.021 $\pm$ 0.060 χ^2 /NDF:9.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.041 χ^2 /NDF: 29.3/31

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

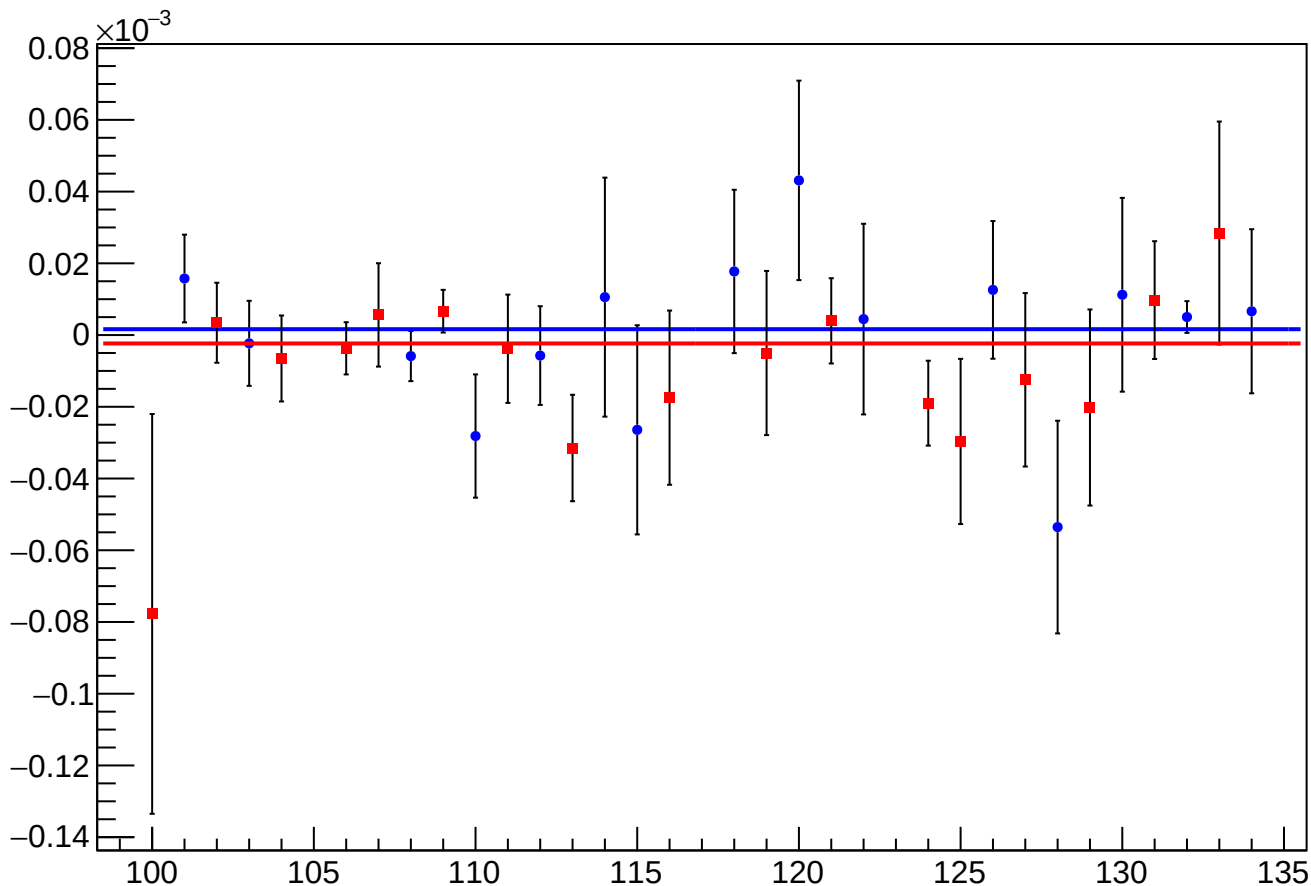
Right: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

In: 142.263+/-0.042 χ^2/NDF :810347.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 14.2/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 14.9/16

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

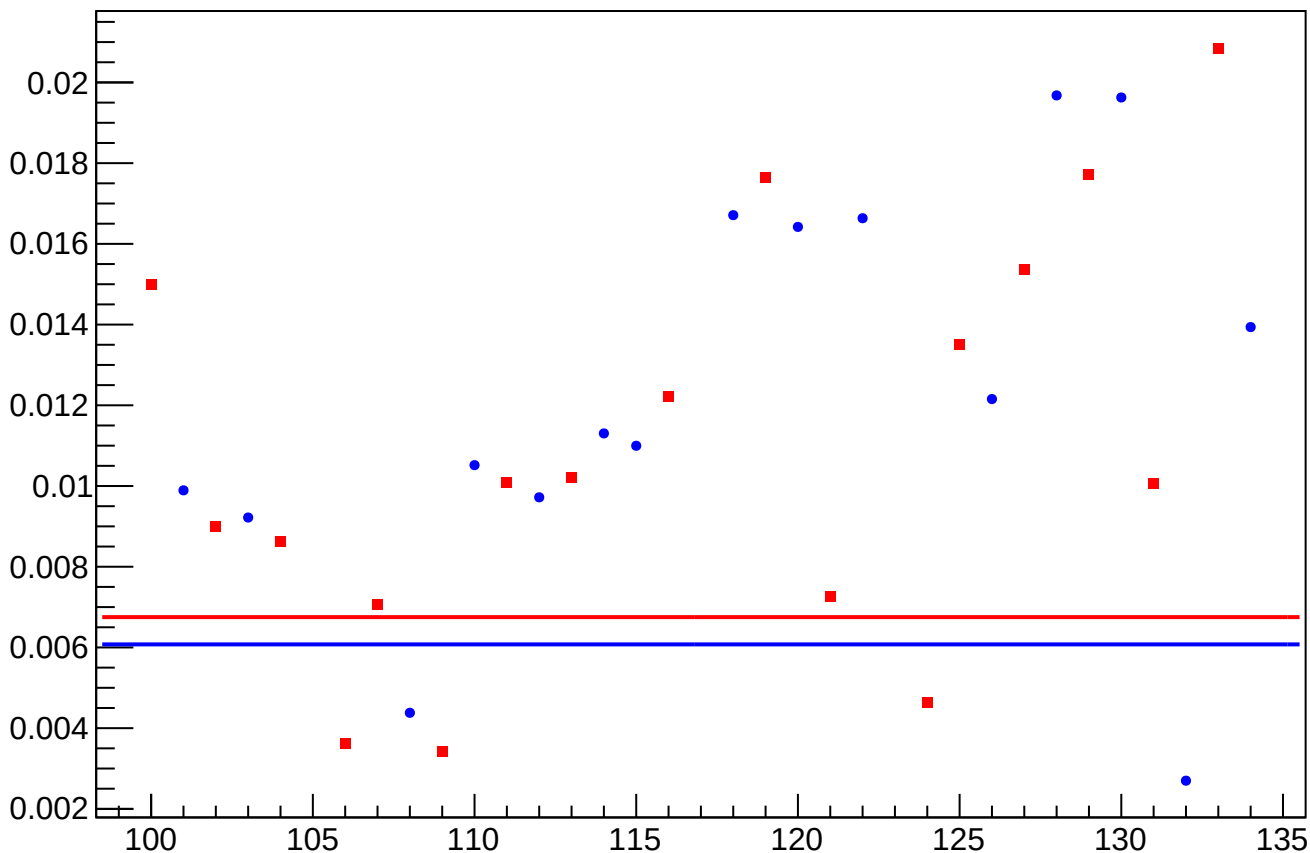
Right: -0.000 +/- 0.000 χ^2/NDF : 29.9/31

In: 0.000 +/- 0.000 χ^2/NDF : 14.2/14

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 29.9/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4386851.2/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 3236557.9/16

Left 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 : 7671629.5/31

In: 0.006+/-0.000

χ^2/NDF : 4386851.2/14

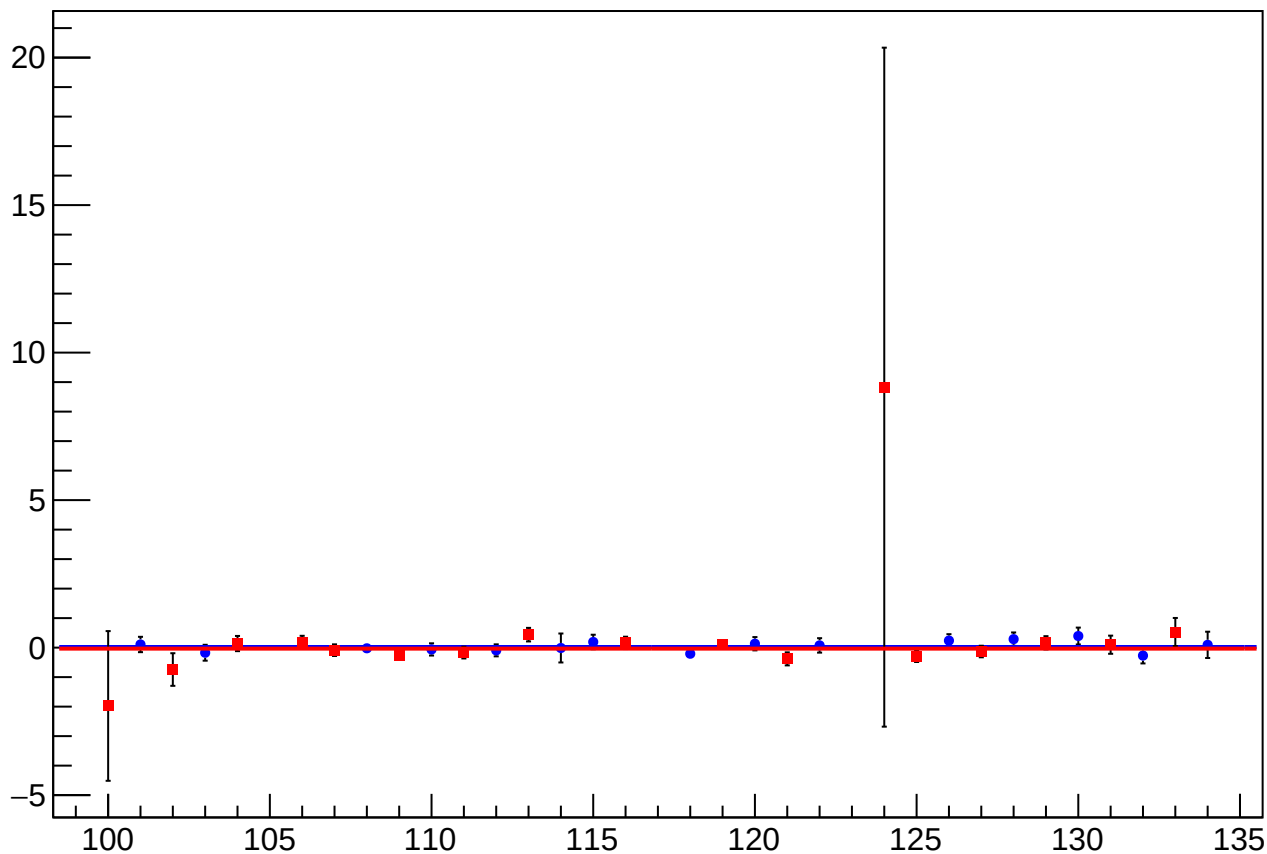
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 7671629.5/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

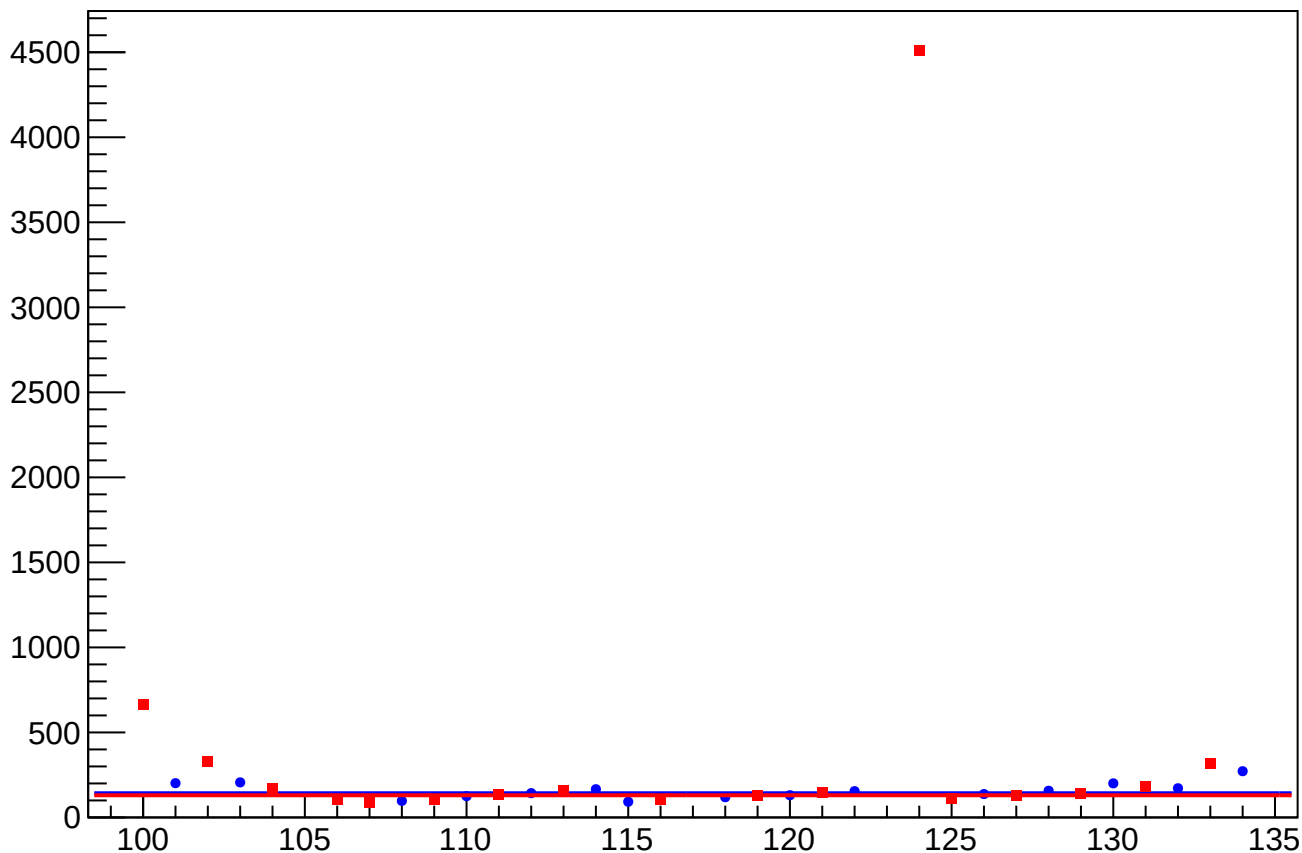
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

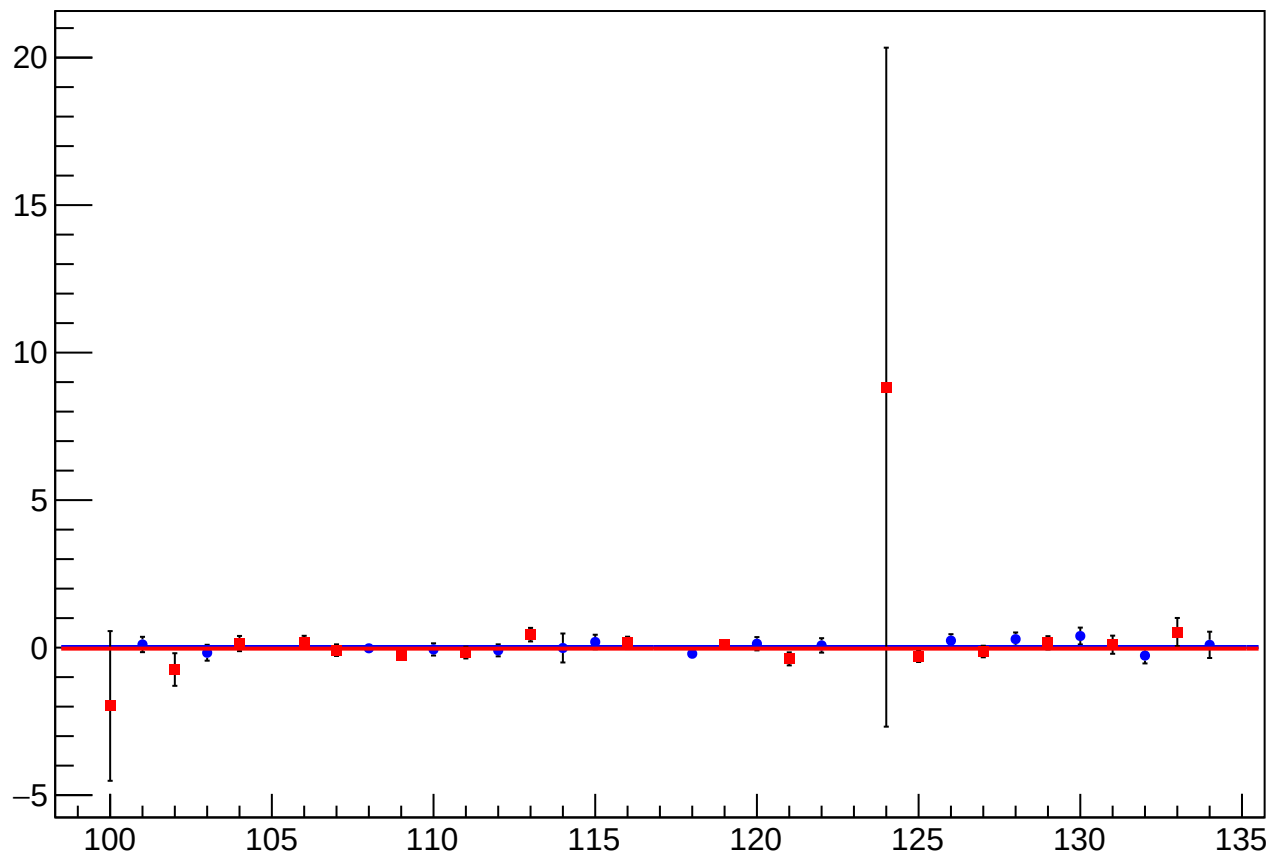
Right: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.056 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

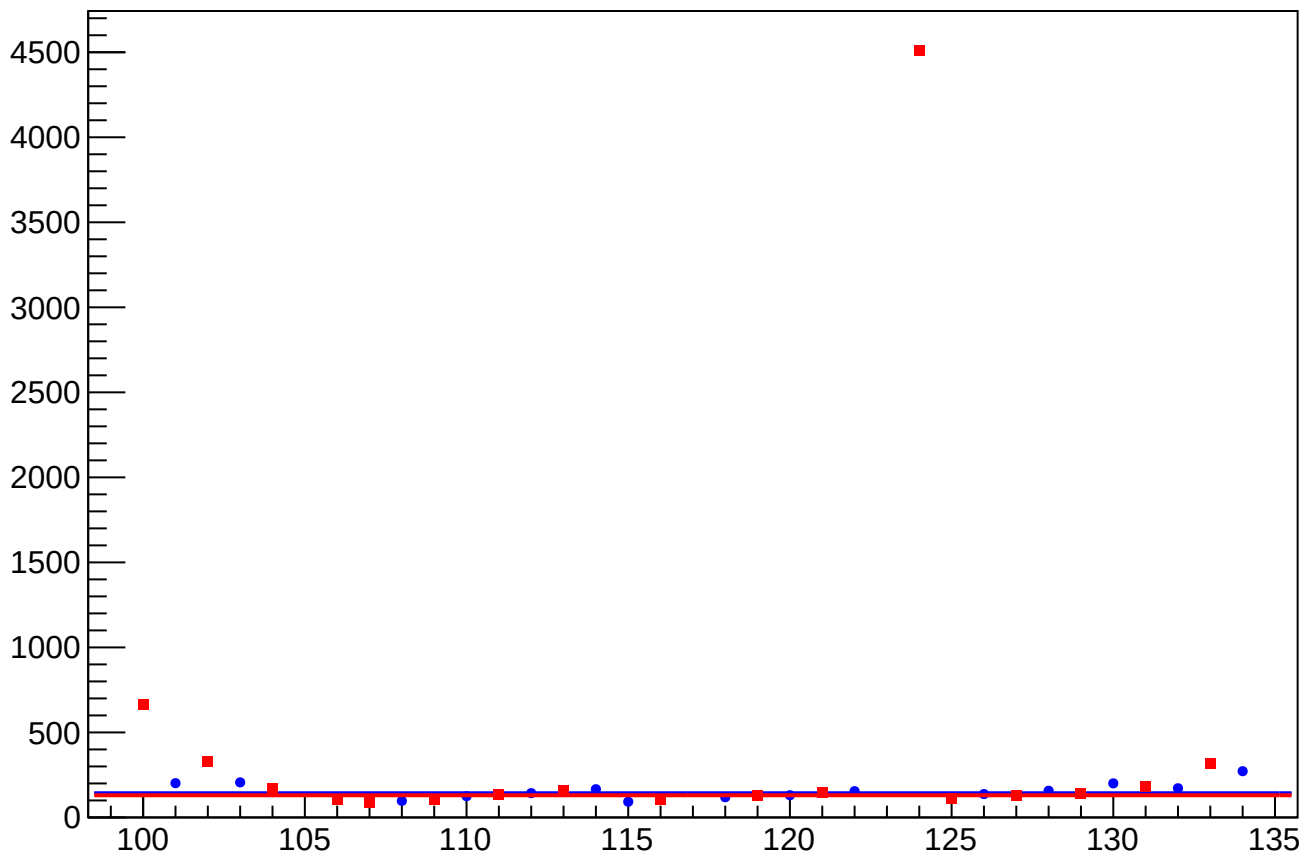
Right: -0.008+/-0.041 χ^2/NDF : 29.3/31

In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.041 χ^2/NDF : 29.3/31

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

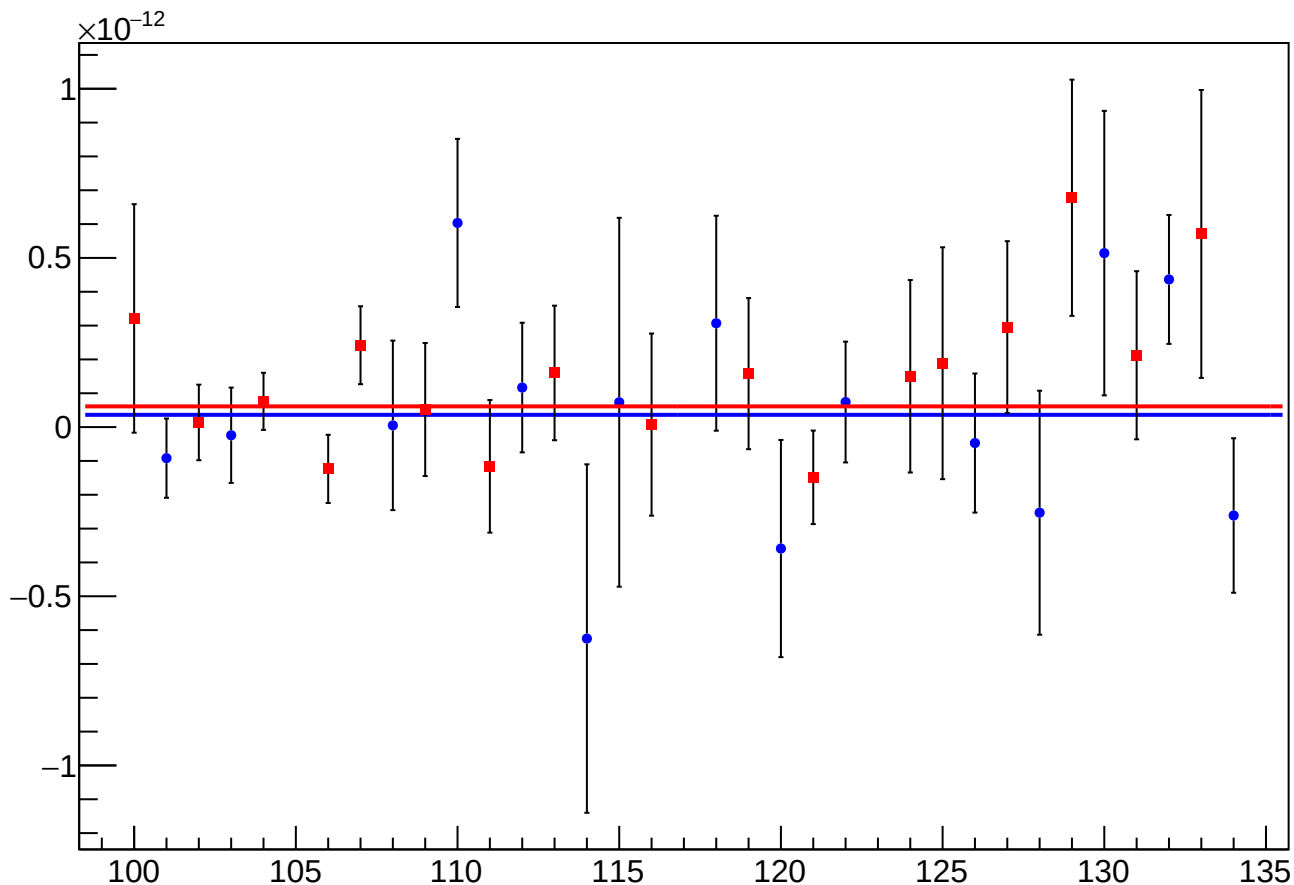
Right: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

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 : 18.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 16.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

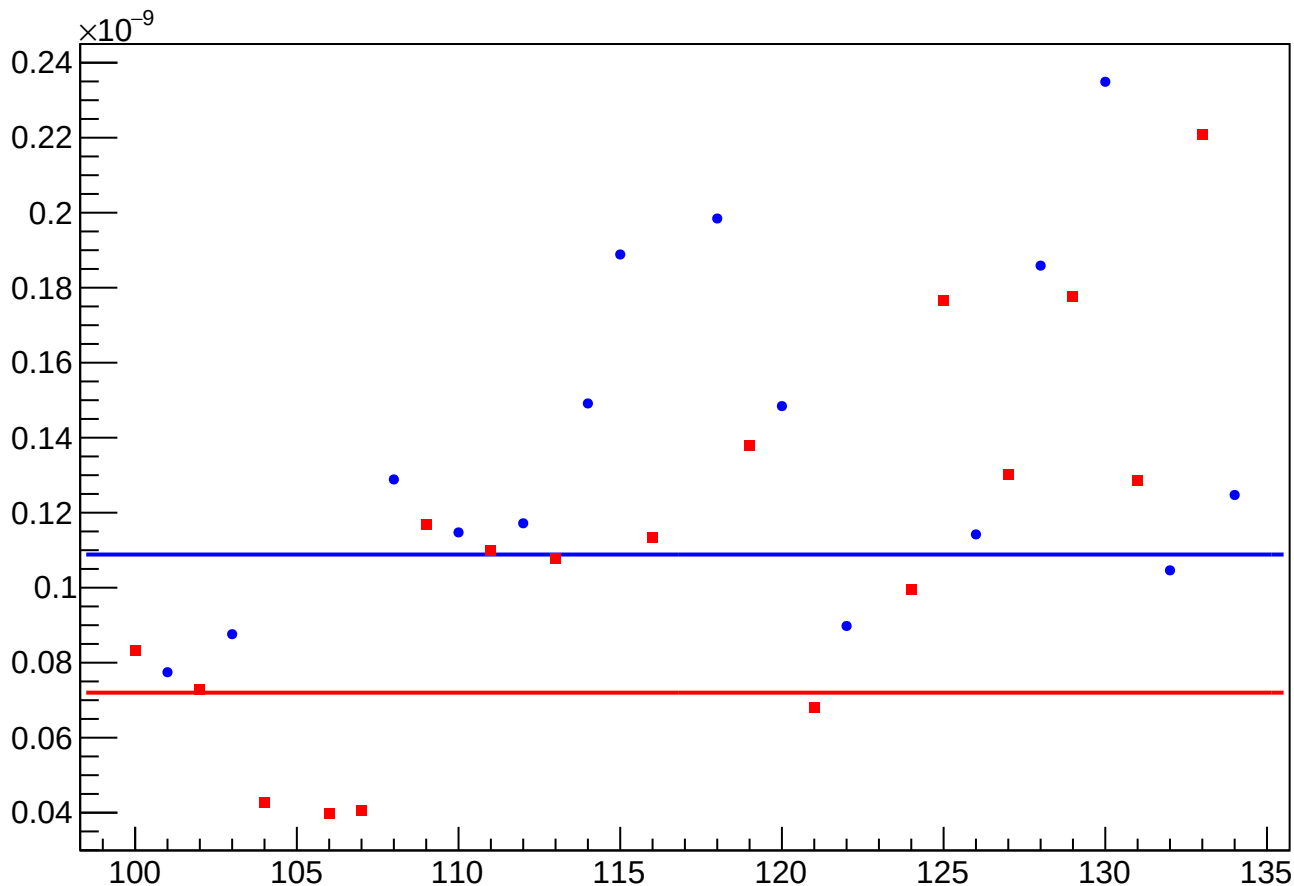
Right: 0.000 ± 0.000 χ^2/NDF : 35.3/31

In: 0.000 ± 0.000 χ^2/NDF : 18.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 35.3/31

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 : 757637.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1902273.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

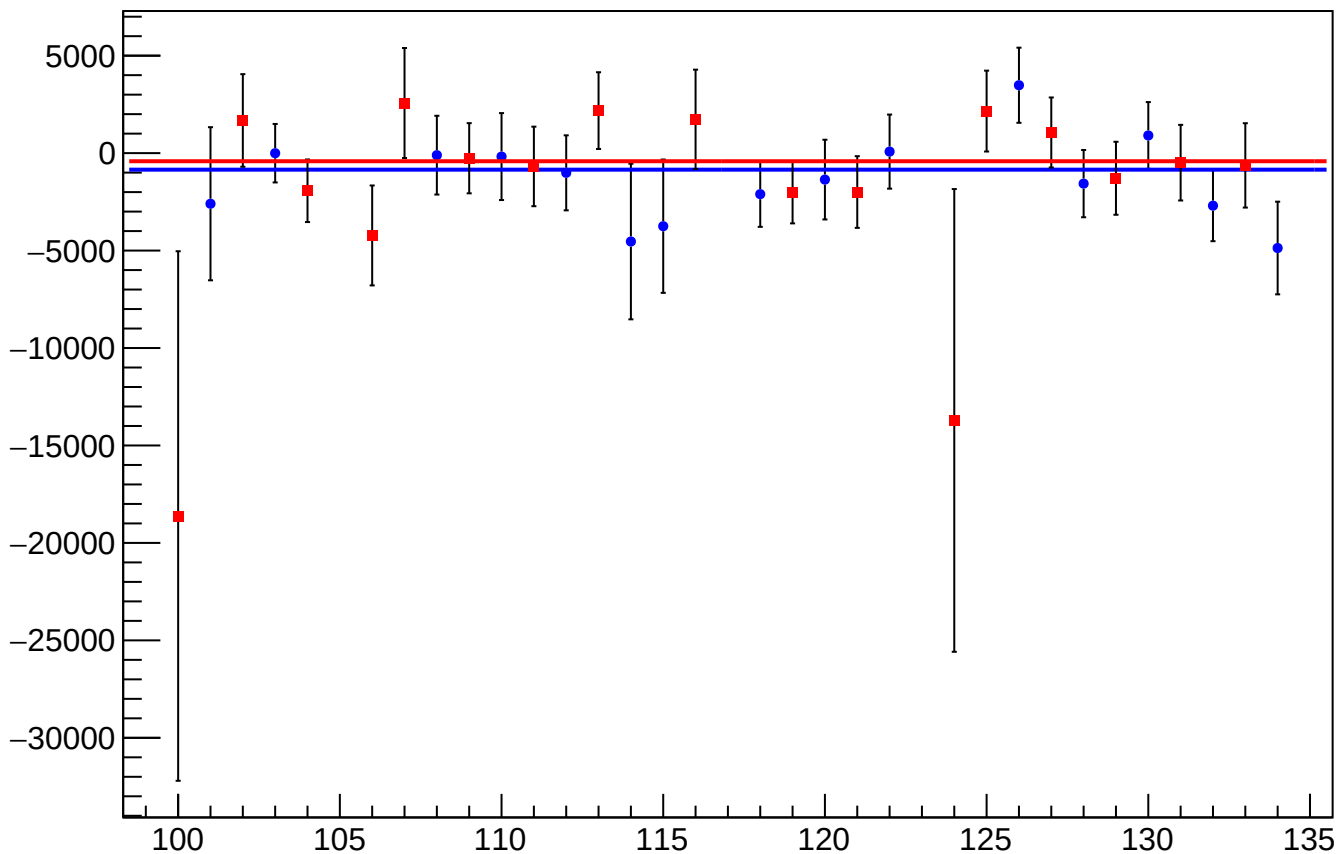
Right: 0.000+/-0.000 χ^2/NDF : 3242034.0/31

In: 0.000+/-0.000 χ^2/NDF : 757637.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3242034.0/31

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -848.642 $\pm$ 522.196 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -416.064 $\pm$ 511.787 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

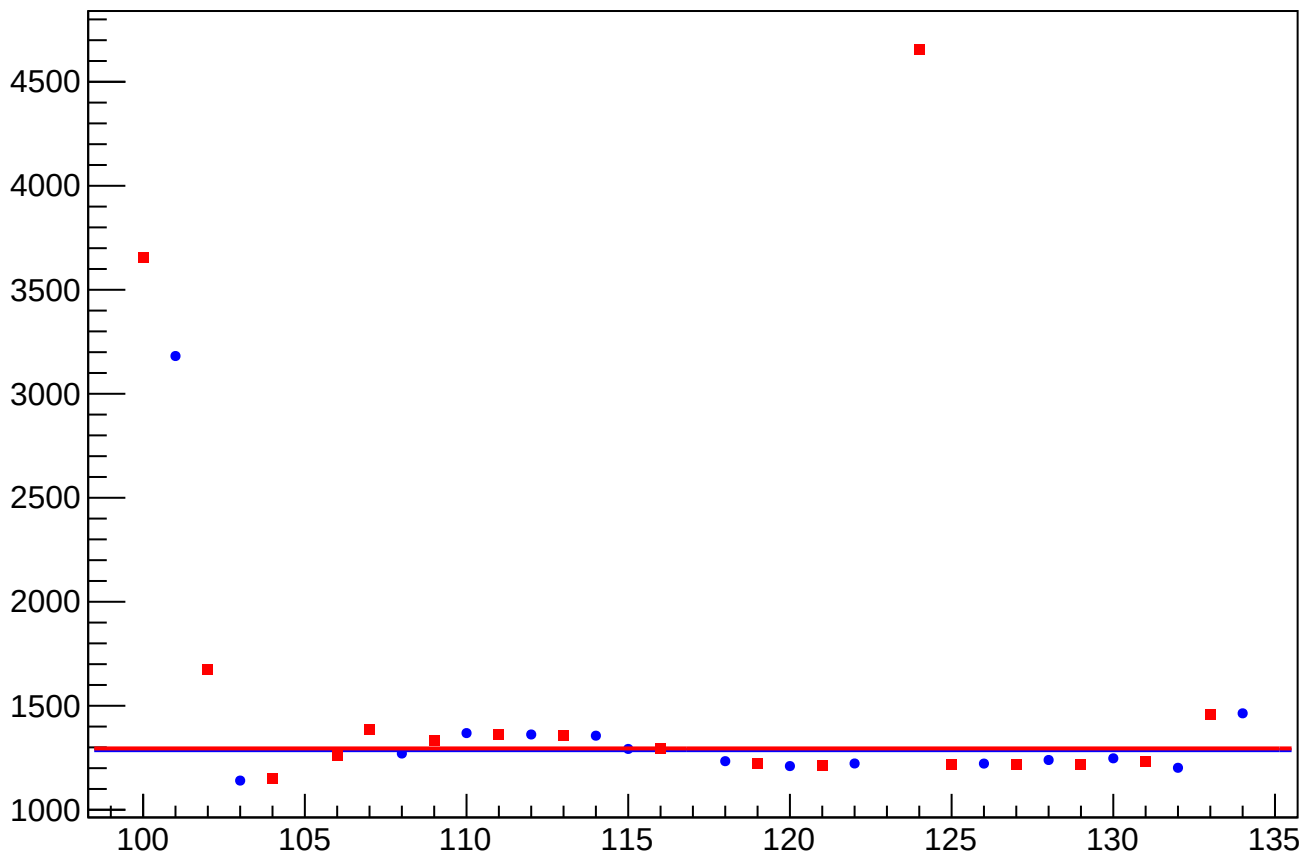
Right: -627.999 $\pm$ 365.513 χ^2 /NDF: 28.4/31

In: -848.642 $\pm$ 522.196 χ^2 /NDF:13.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -627.999 $\pm$ 365.513 χ^2 /NDF: 28.4/31

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1286.575+/-0.369 χ^2/NDF : 518113.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.931+/-0.362 χ^2/NDF : 327826.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

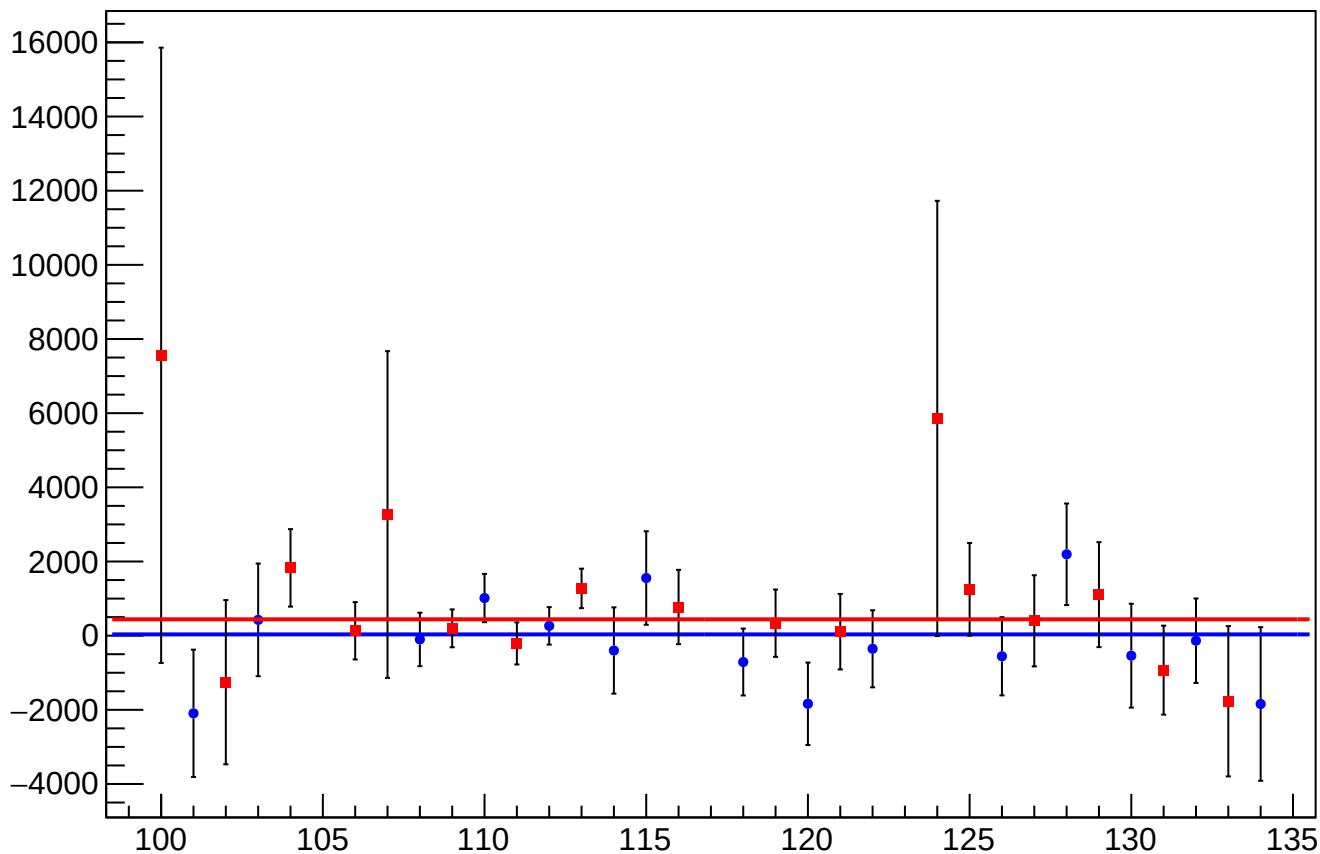
Right: 1290.837+/-0.258 χ^2/NDF : 846201.3/31

In: 1286.575+/-0.369 χ^2/NDF : 518113.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.837+/-0.258 χ^2/NDF : 846201.3/31

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 34.510+/-248.079 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.609+/-227.848 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

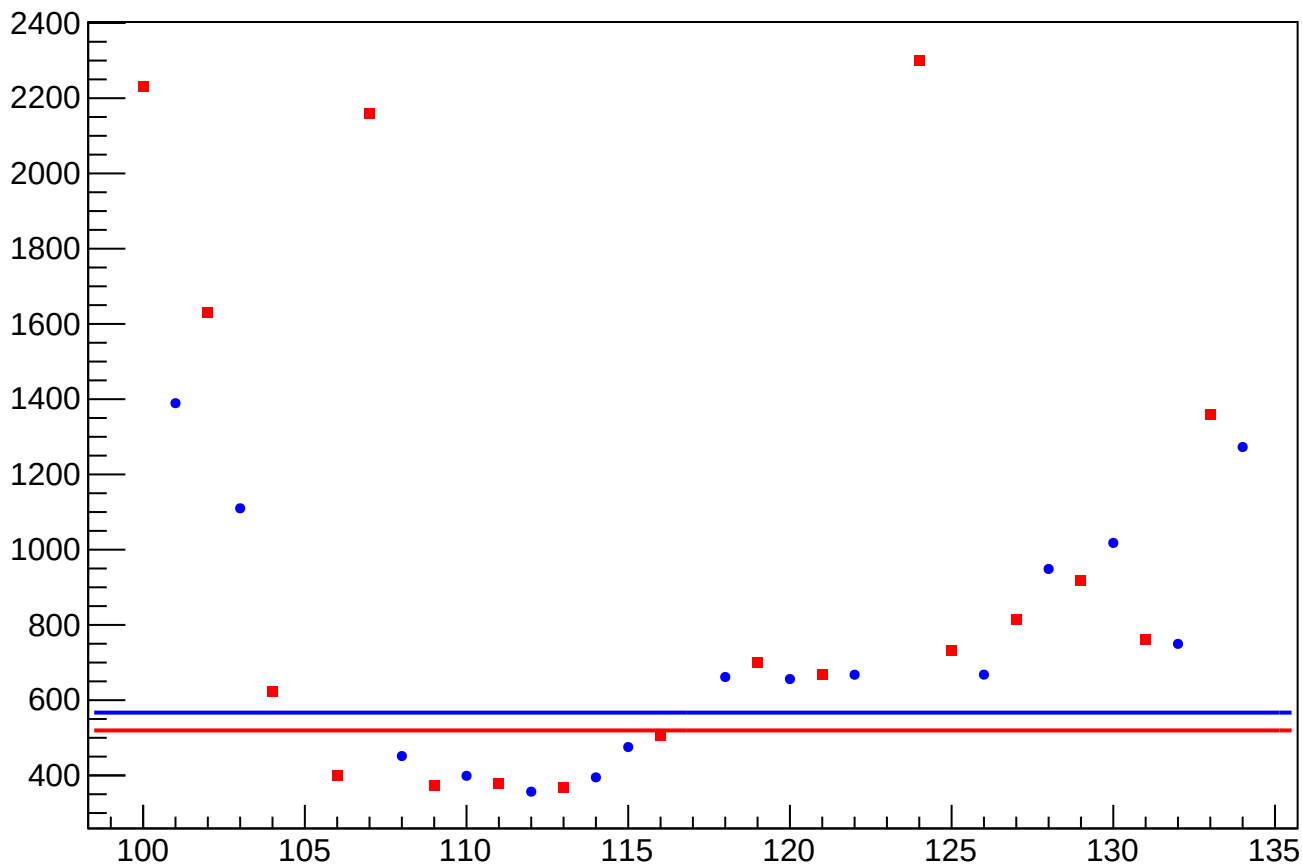
Right: 255.334+/-167.810 χ^2/NDF : 26.5/31

In: 34.510+/-248.079 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.334+/-167.810 χ^2/NDF : 26.5/31

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 566.946+/-0.175 χ^2/NDF : 2017605.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.572+/-0.161 χ^2/NDF : 2444739.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

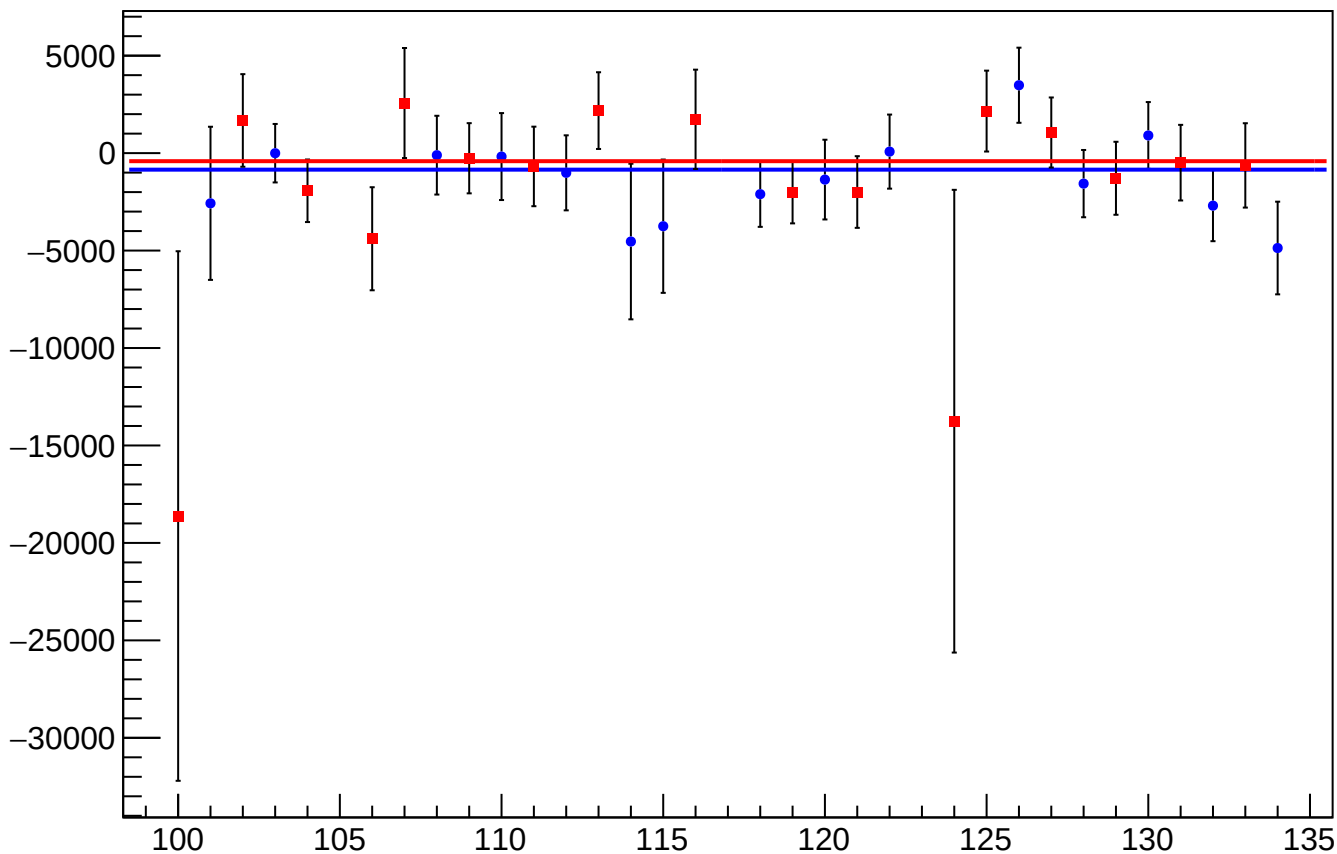
Right: 541.248+/-0.119 χ^2/NDF : 4501907.4/31

In: 566.946+/-0.175 χ^2/NDF : 2017605.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.248+/-0.119 χ^2/NDF : 4501907.4/31

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -413.469+/-512.399 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

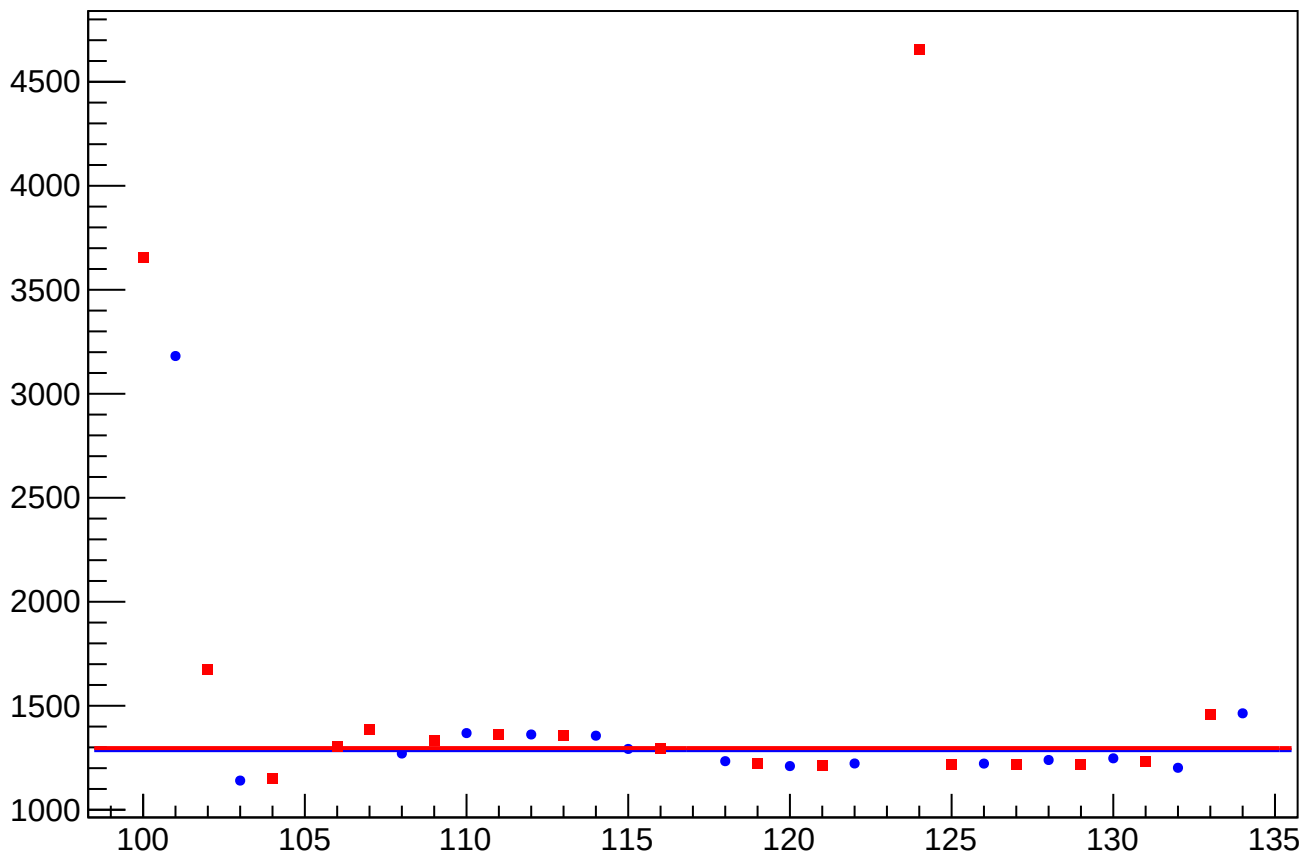
Right: -626.695+/-365.735 χ^2/NDF : 28.5/31

In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.695+/-365.735 χ^2/NDF : 28.5/31

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

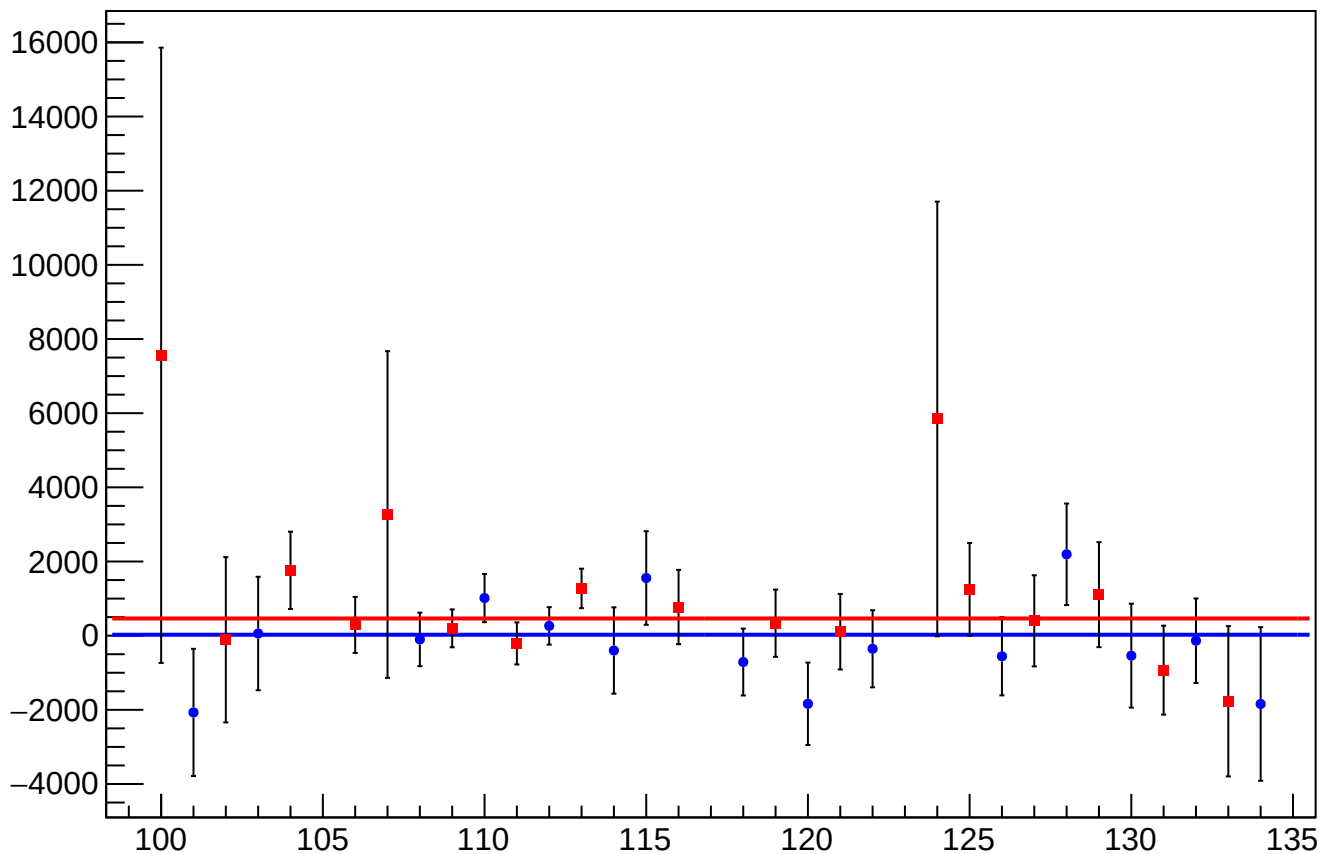
Right: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.749+/-227.363 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

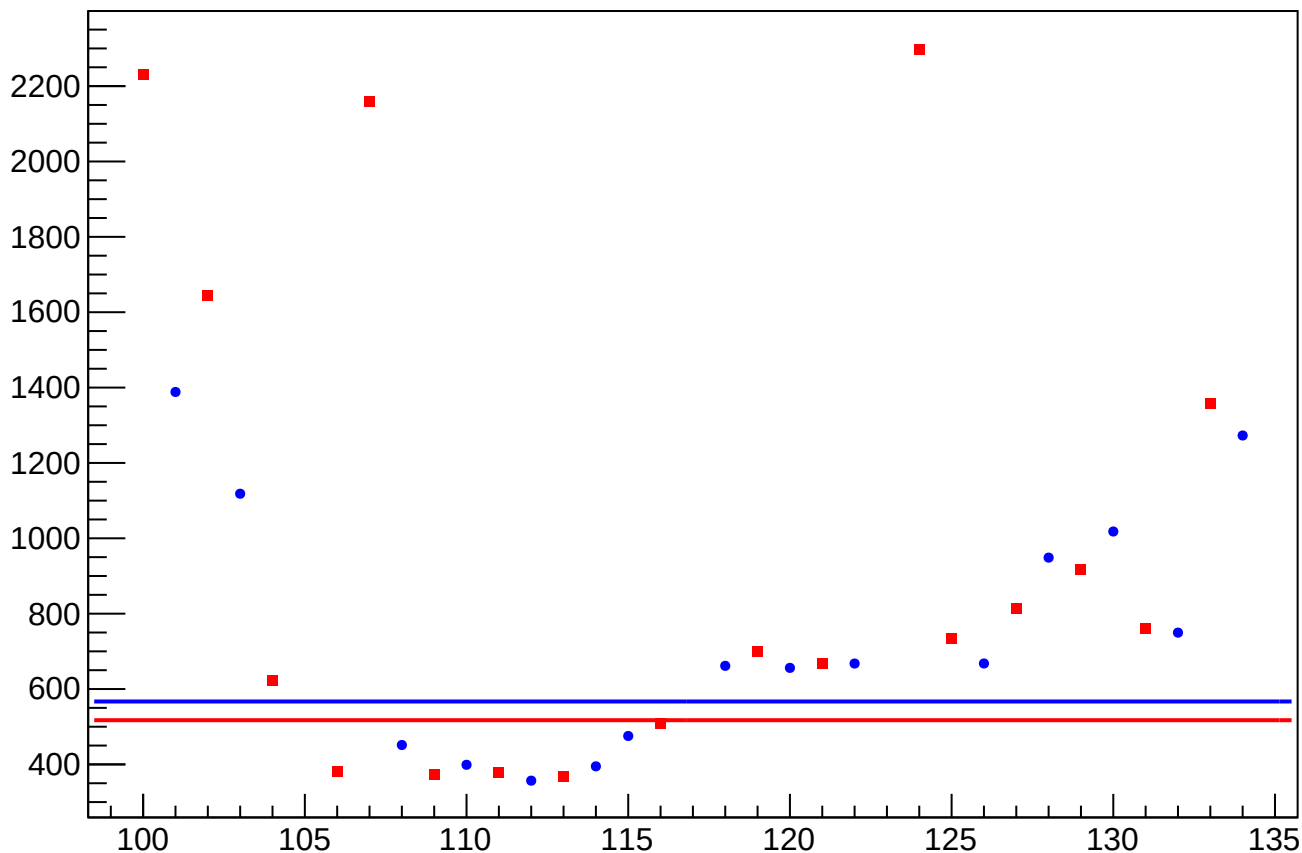
Right: 263.580+/-167.630 χ^2/NDF : 25.8/31

In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.580+/-167.630 χ^2/NDF : 25.8/31

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

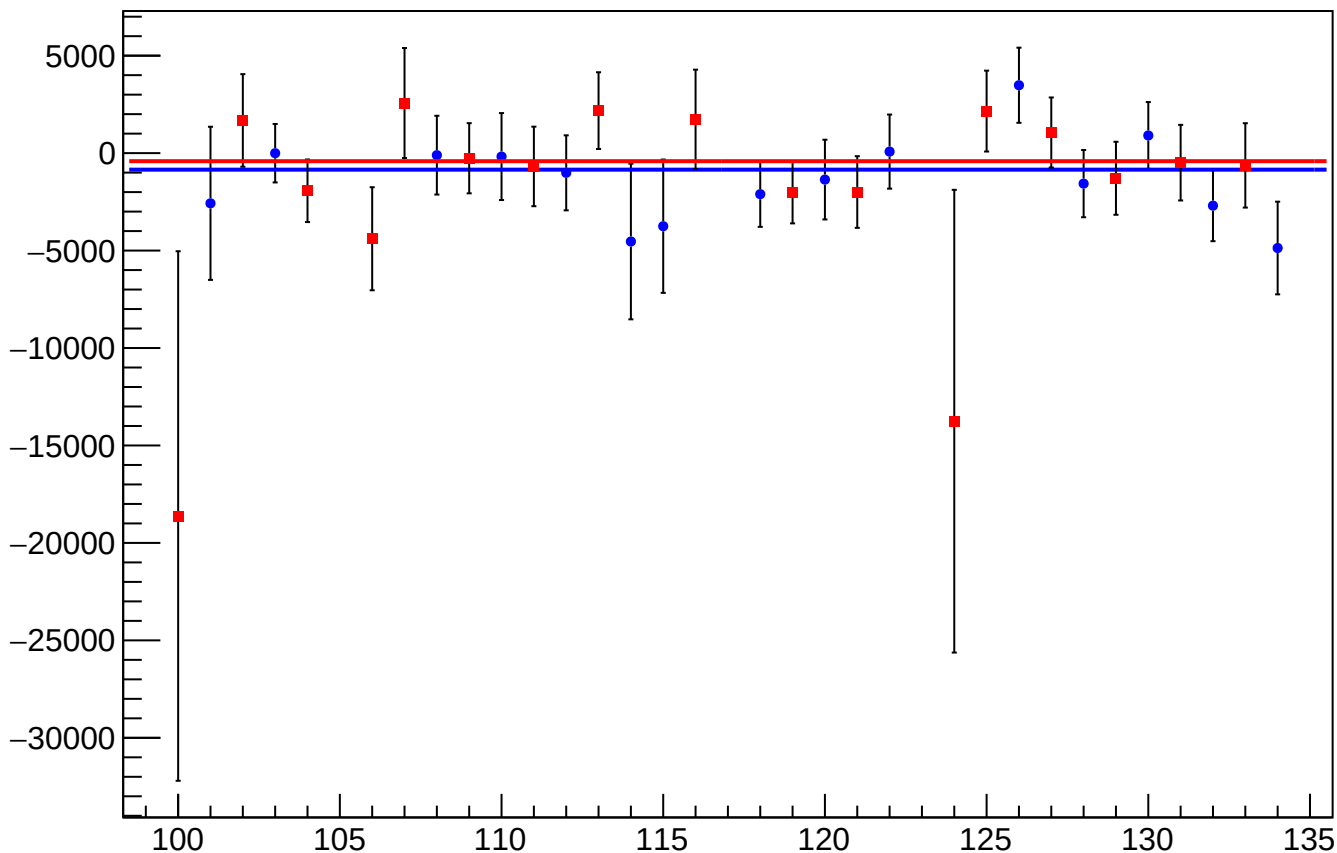
Right: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -413.469+/-512.399 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

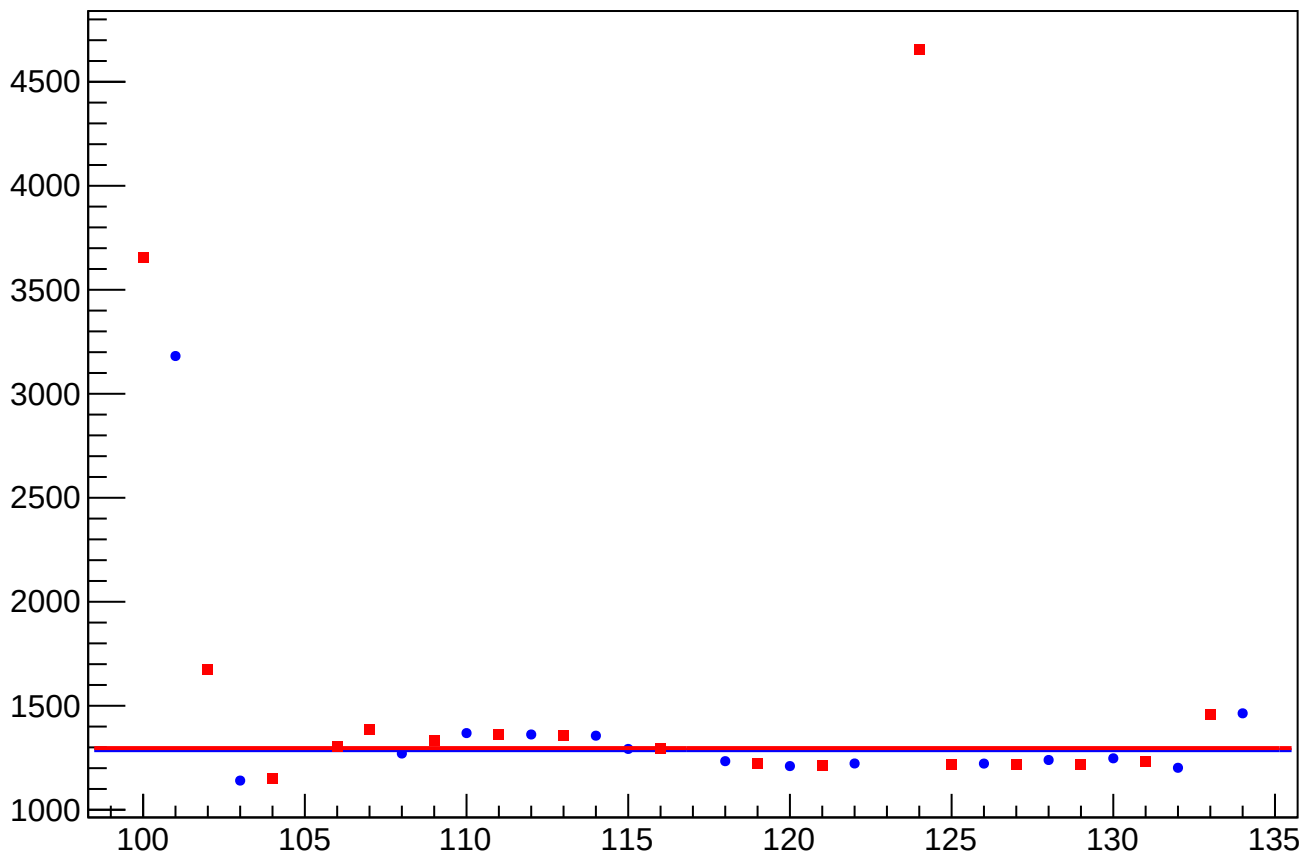
Right: -626.695+/-365.735 χ^2/NDF : 28.5/31

In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.695+/-365.735 χ^2/NDF : 28.5/31

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

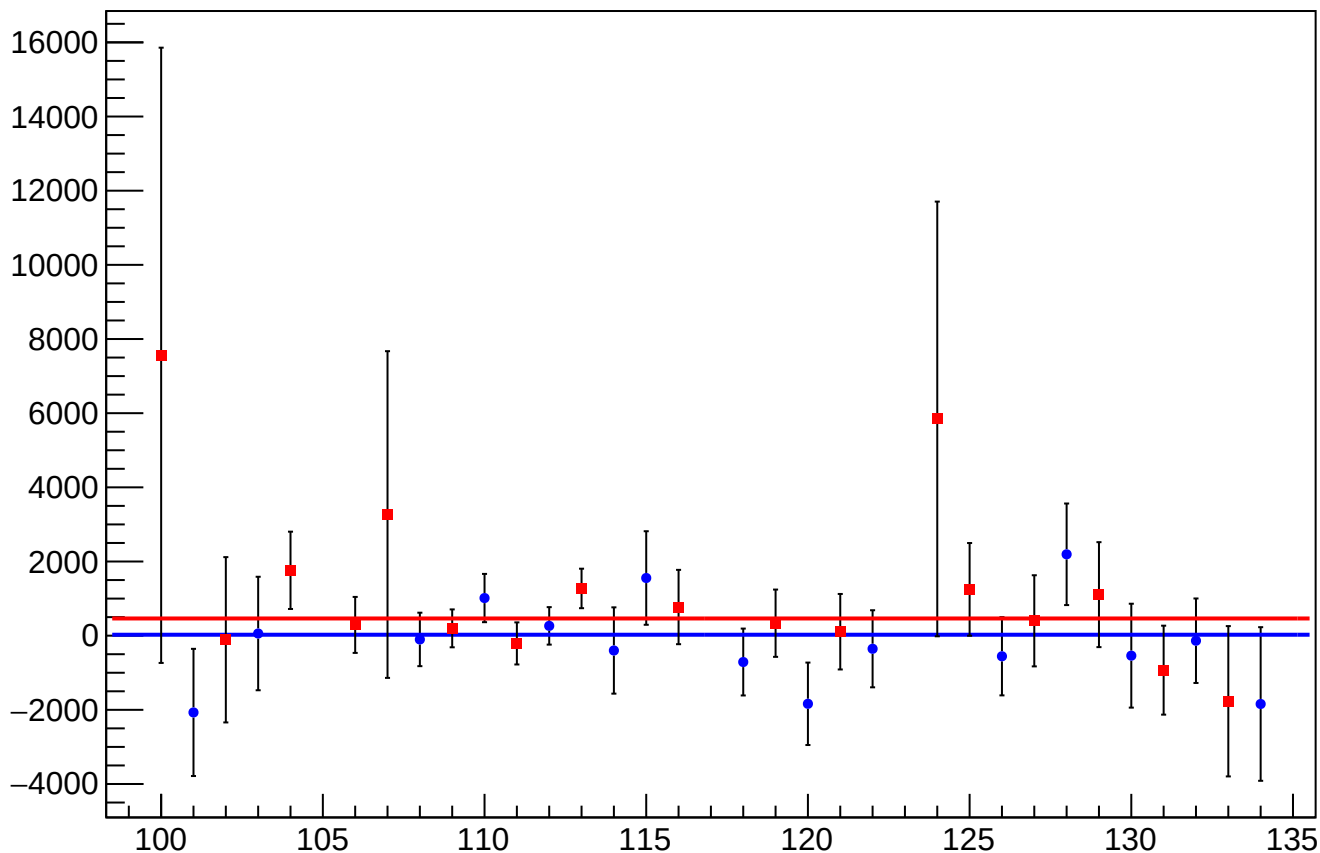
Right: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.749+/-227.363 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

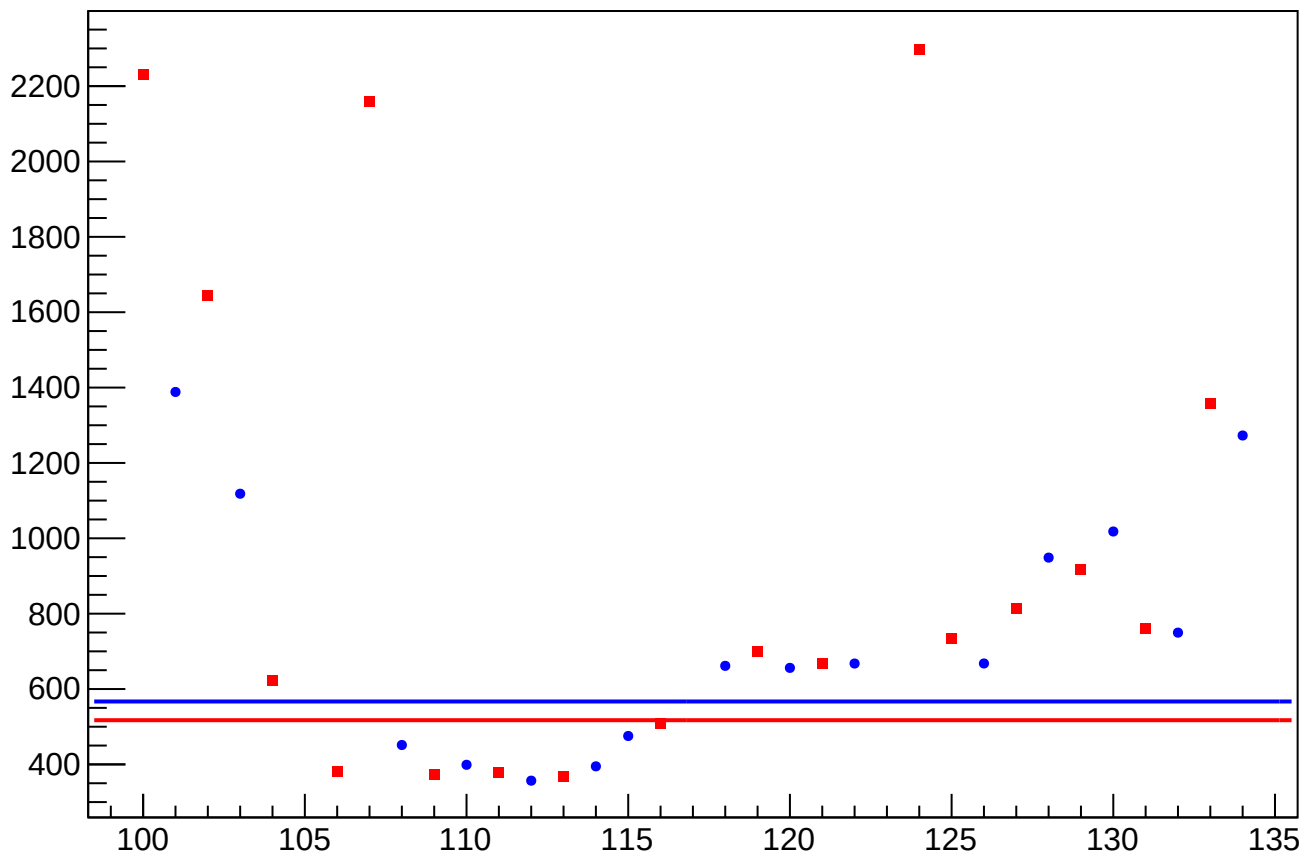
Right: 263.580+/-167.630 χ^2/NDF : 25.8/31

In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.580+/-167.630 χ^2/NDF : 25.8/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

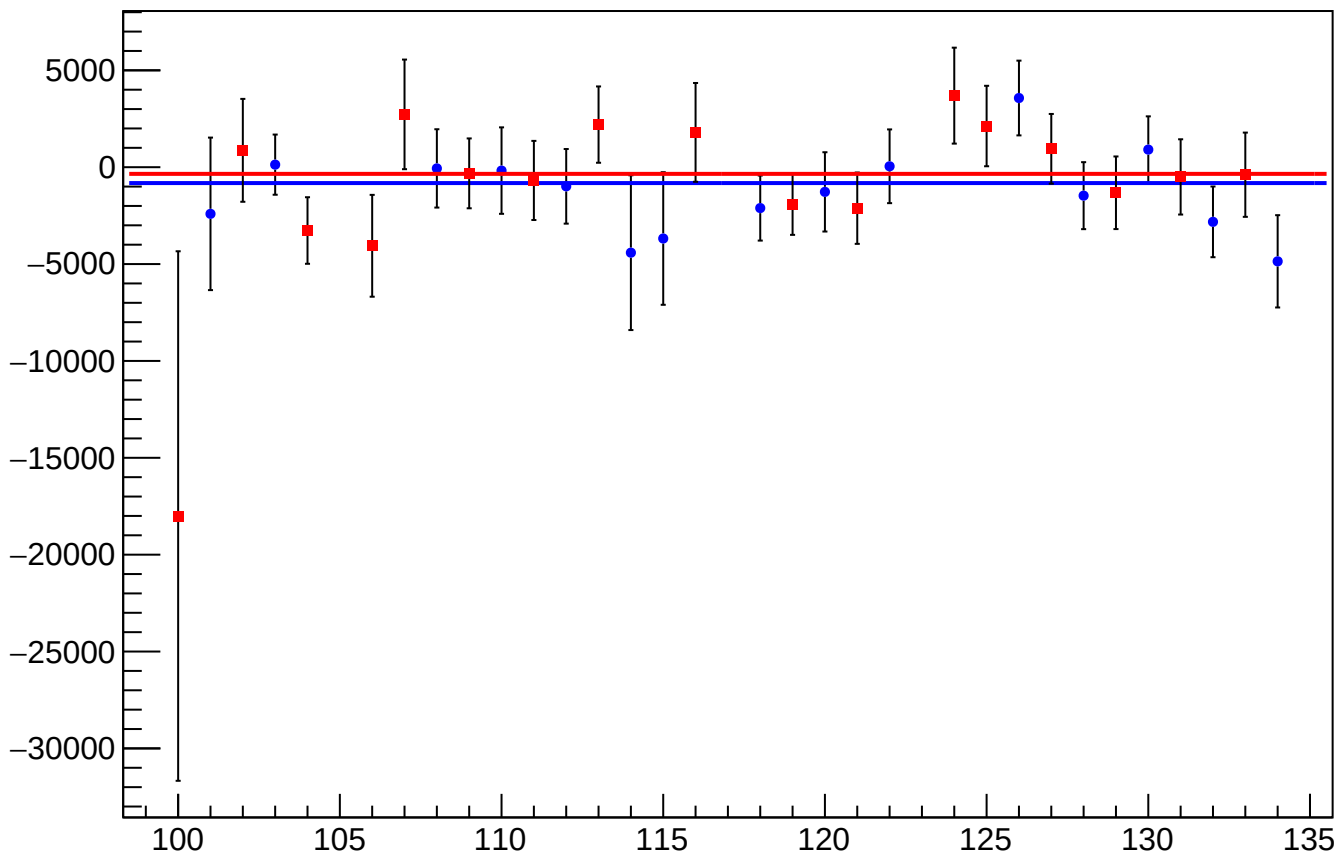
Right: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -819.264 ± 524.805 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -344.103 ± 508.049 χ^2/NDF : 17.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

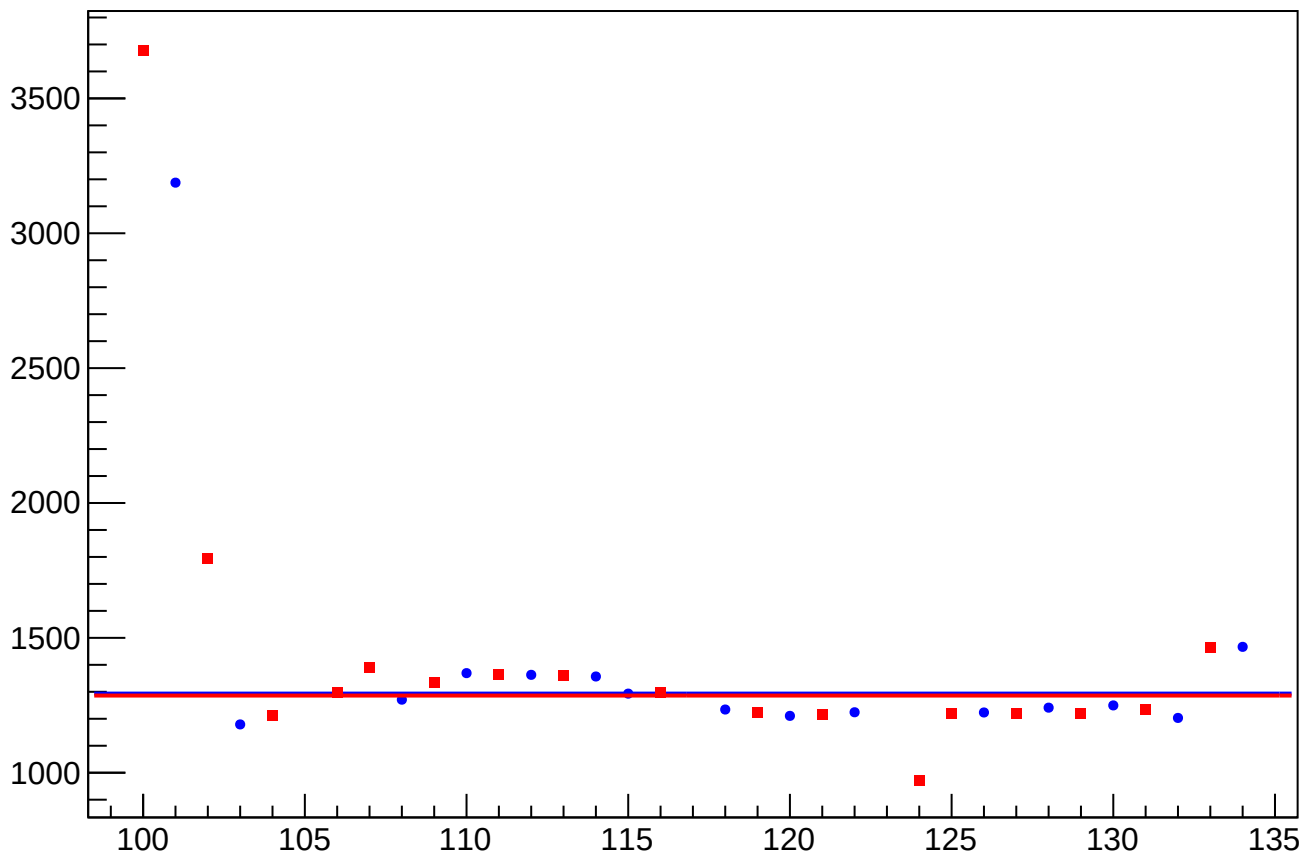
Right: -573.976 ± 365.025 χ^2/NDF : 31.1/31

In: -819.264 ± 524.805 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -573.976 ± 365.025 χ^2/NDF : 31.1/31

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1293.320+/-0.371 χ^2 /NDF: 509314.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1286.078+/-0.359 χ^2 /NDF: 208756.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

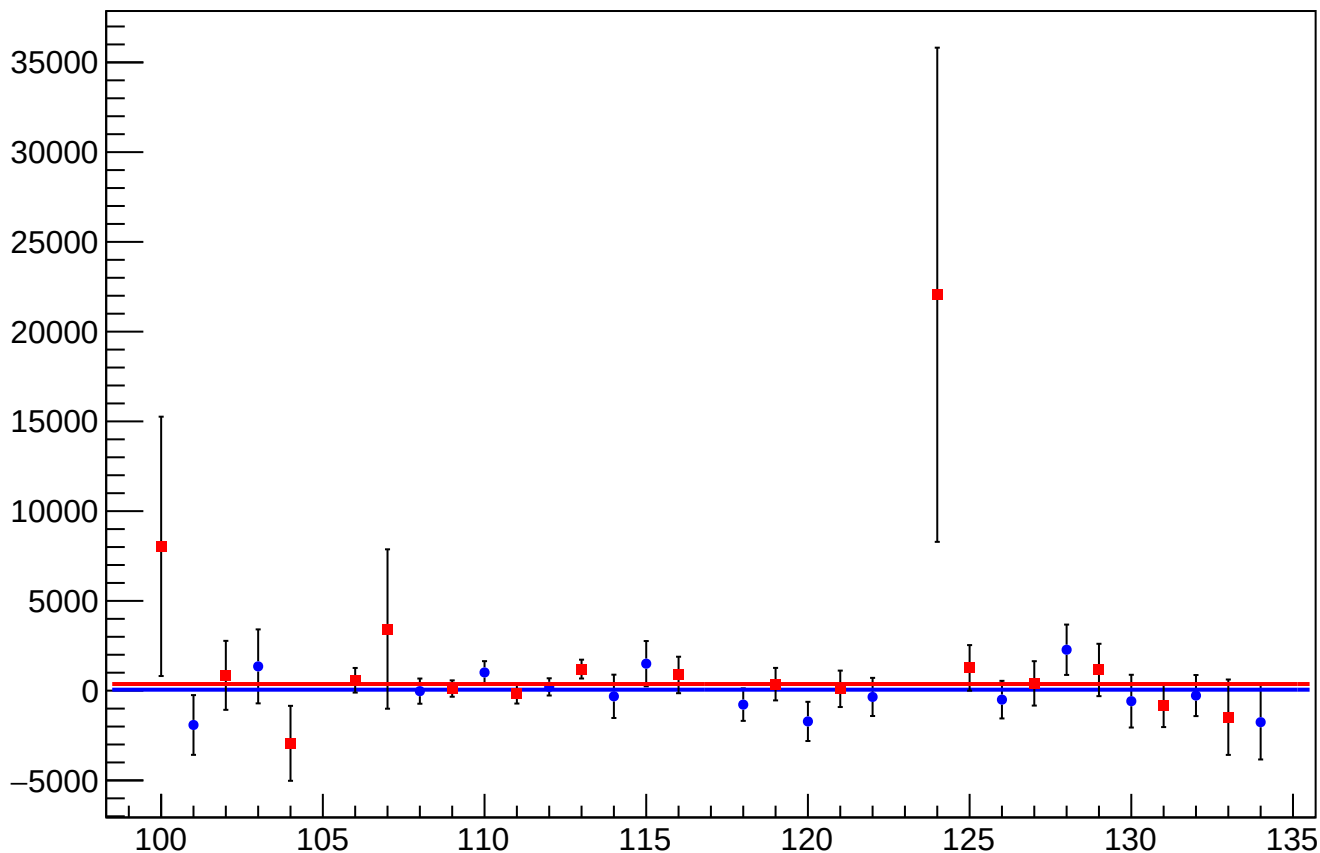
Right: 1289.581+/-0.258 χ^2 /NDF: 718267.2/31

In: 1293.320+/-0.371 χ^2 /NDF:509314.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1289.581+/-0.258 χ^2 /NDF: 718267.2/31

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 53.068+/-245.148 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.222+/-220.983 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

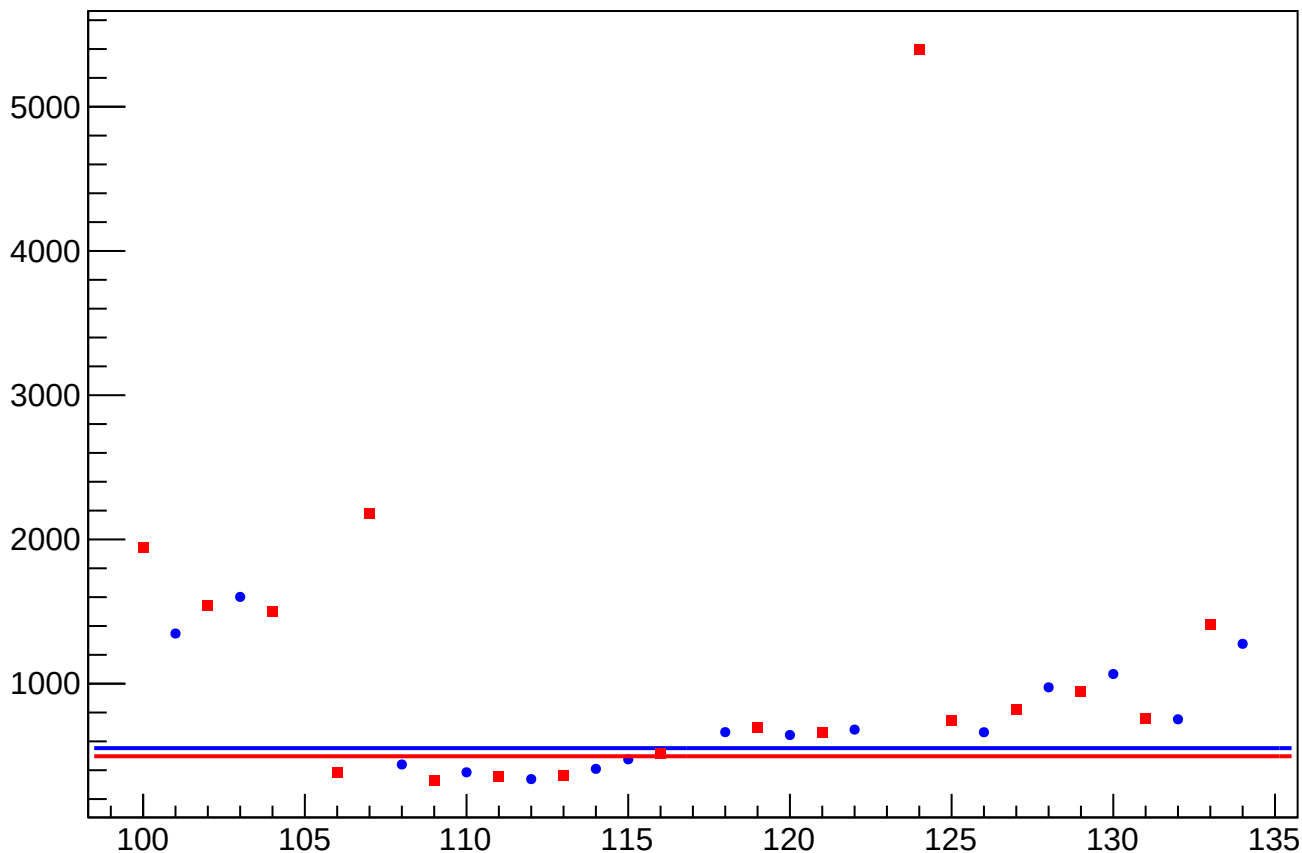
Right: 227.491+/-164.139 χ^2/NDF : 27.6/31

In: 53.068+/-245.148 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.491+/-164.139 χ^2/NDF : 27.6/31

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 553.060+/-0.173 χ^2/NDF : 2428331.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.853+/-0.156 χ^2/NDF : 3304215.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

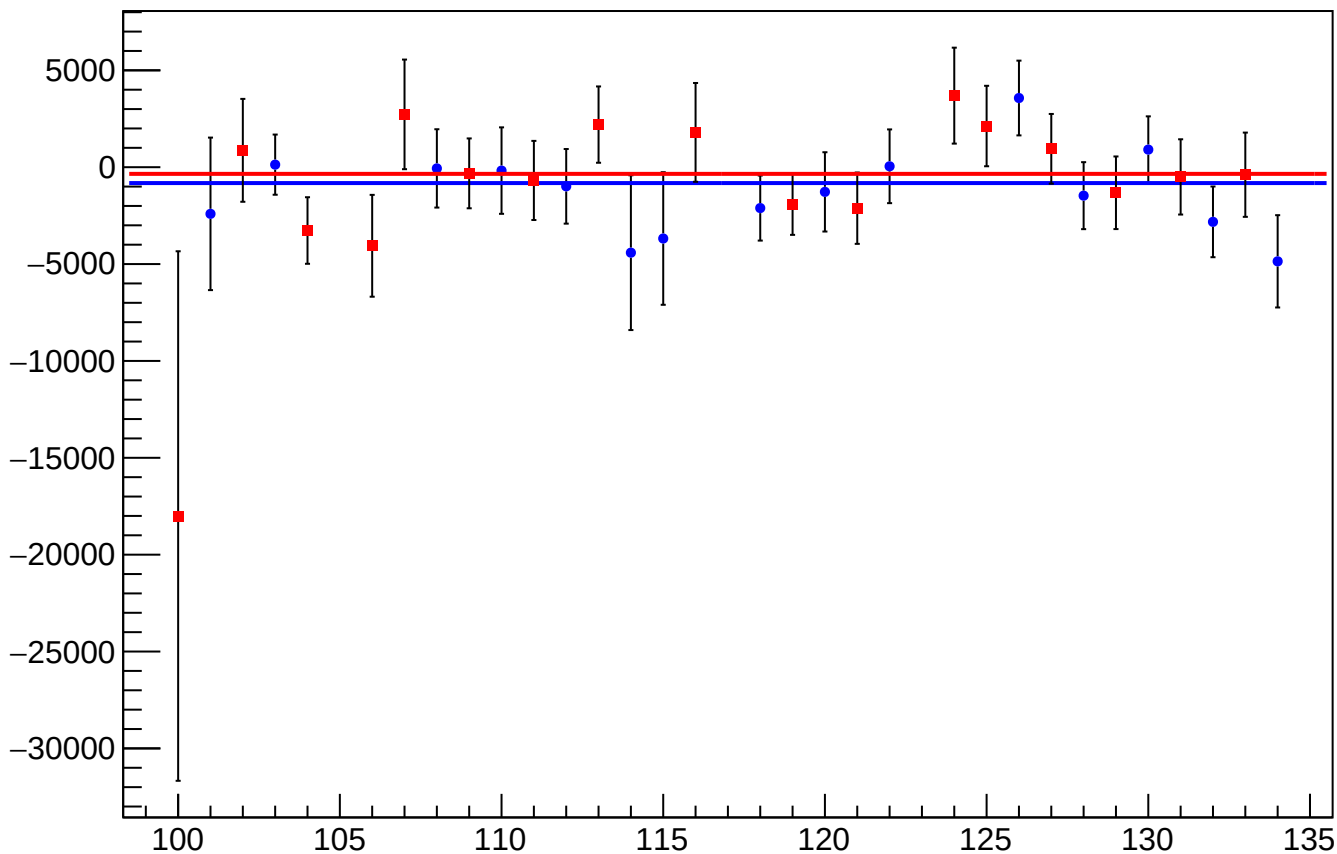
Right: 522.050+/-0.116 χ^2/NDF : 5790551.4/31

In: 553.060+/-0.173 χ^2/NDF : 2428331.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.050+/-0.116 χ^2/NDF : 5790551.4/31

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -819.261+/-524.805 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -344.103+/-508.049 χ^2/NDF : 17.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

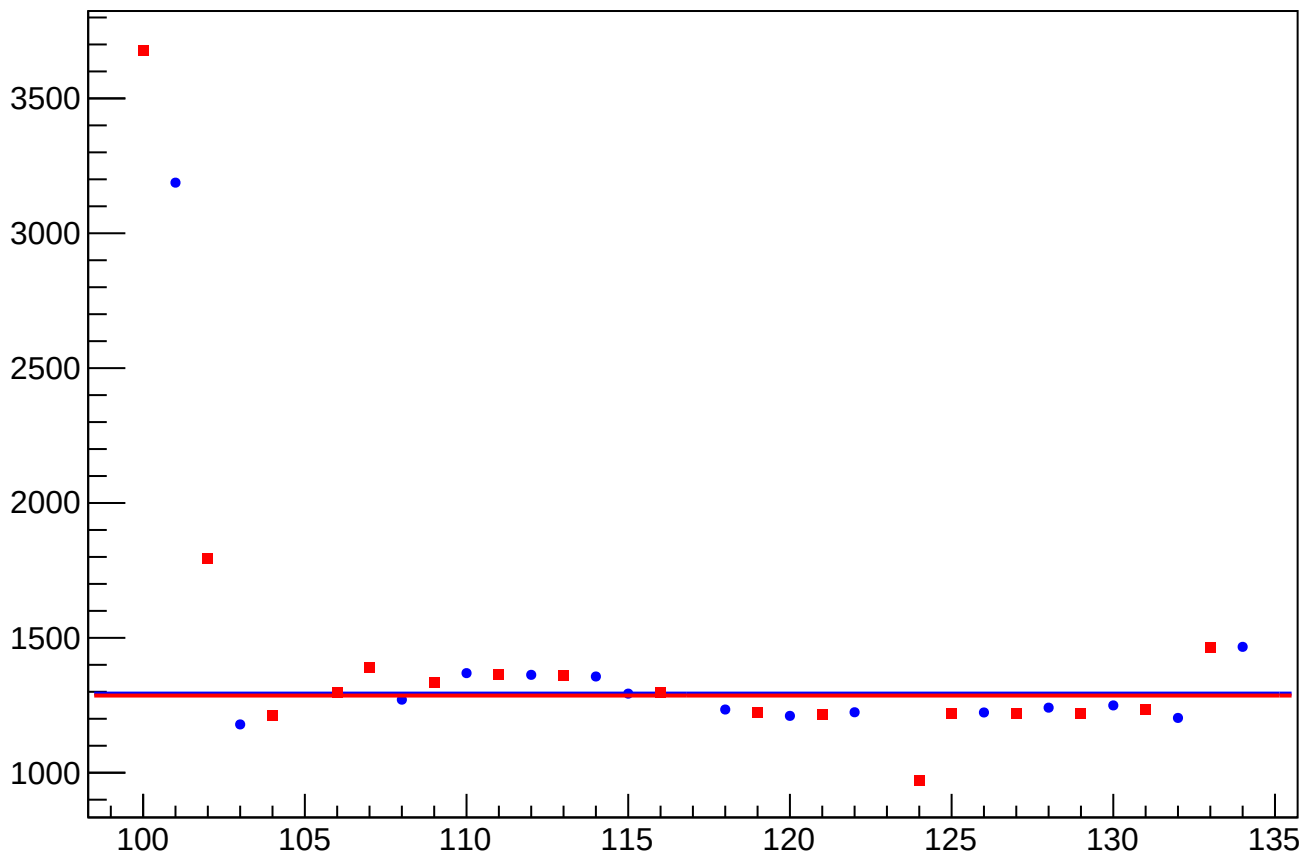
Right: -573.976+/-365.025 χ^2/NDF : 31.1/31

In: -819.261+/-524.805 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.976+/-365.025 χ^2/NDF : 31.1/31

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1293.320+/-0.371 χ^2 /NDF: 509314.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1286.078+/-0.359 χ^2 /NDF: 208756.7/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

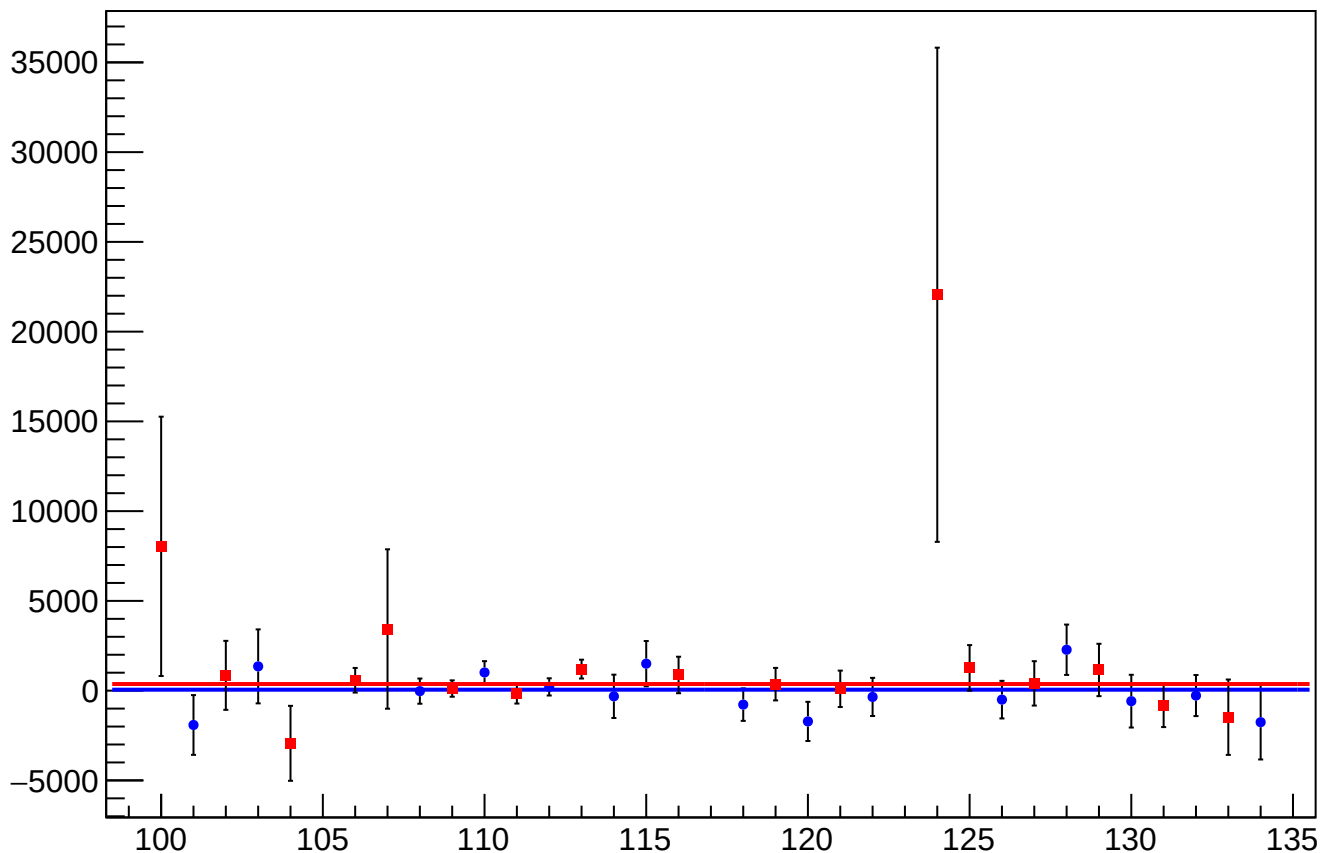
Right: 1289.581+/-0.258 χ^2 /NDF: 718267.5/31

In: 1293.320+/-0.371 χ^2 /NDF:509314.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1289.581+/-0.258 χ^2 /NDF: 718267.5/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 53.068+/-245.146 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.221+/-220.983 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

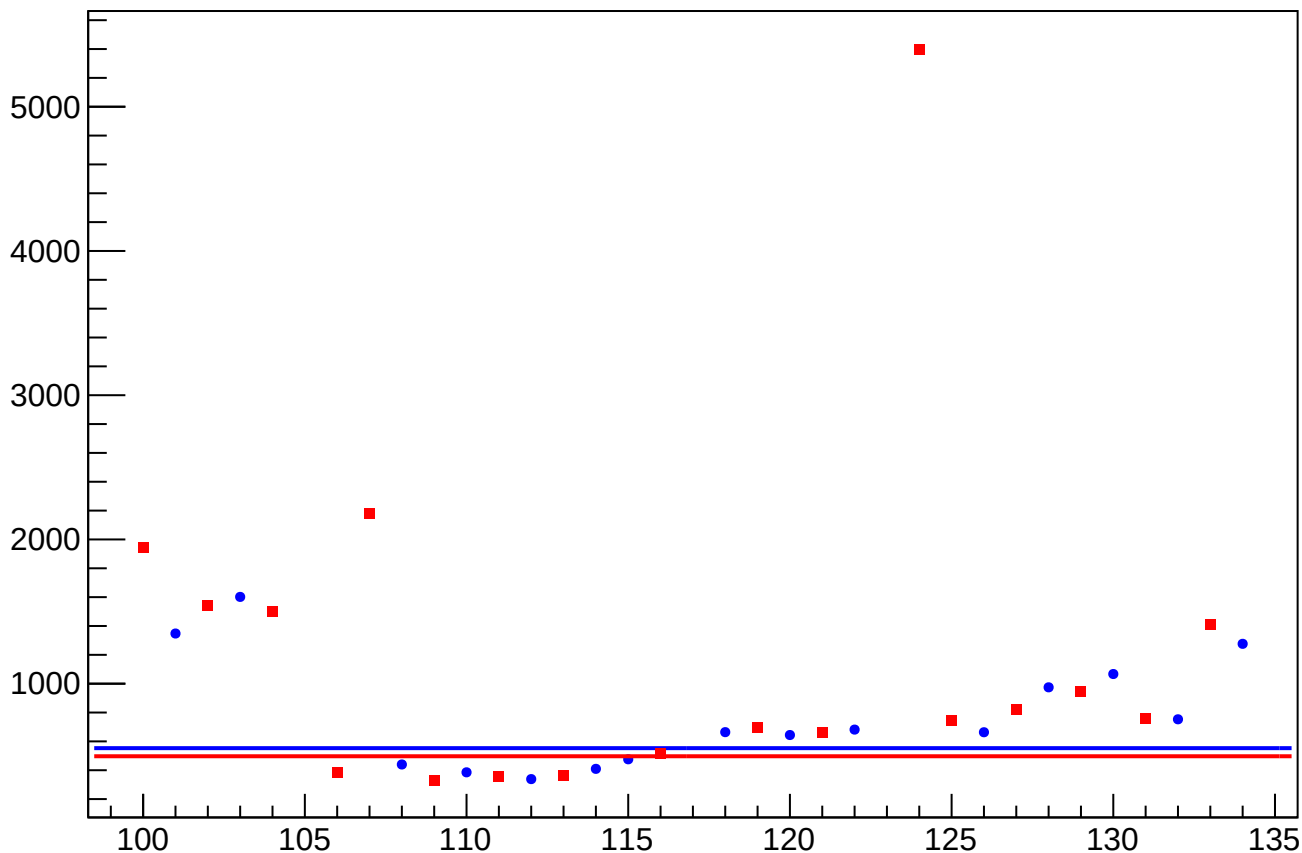
Right: 227.490+/-164.138 χ^2/NDF : 27.6/31

In: 53.068+/-245.146 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.490+/-164.138 χ^2/NDF : 27.6/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 553.057+/-0.173 χ^2/NDF : 2428338.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 496.851+/-0.156 χ^2/NDF : 3304223.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

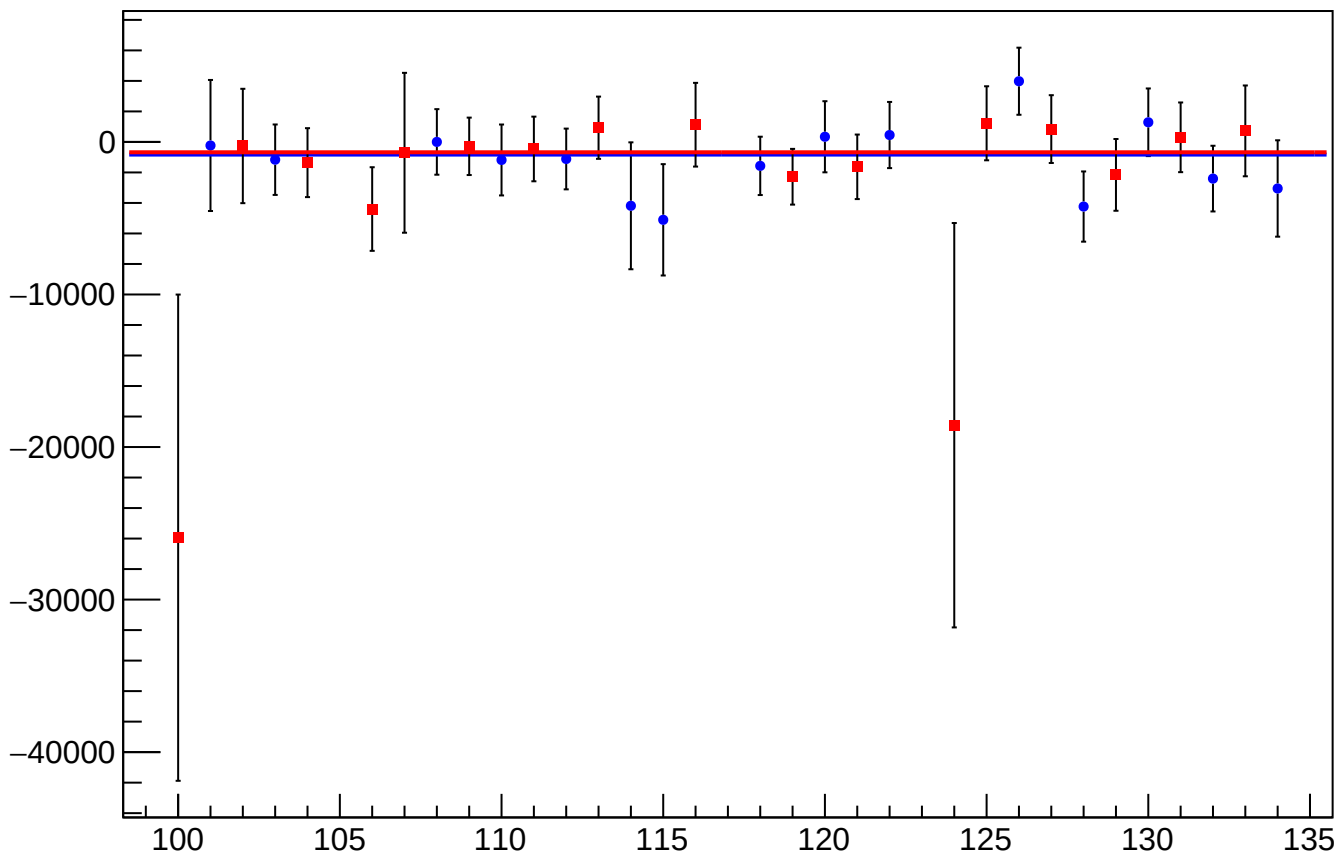
Right: 522.048+/-0.116 χ^2/NDF : 5790563.5/31

In: 553.057+/-0.173 χ^2/NDF :2428338.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 522.048+/-0.116 χ^2/NDF : 5790563.5/31

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -829.058+/-618.557 χ^2 /NDF: 11.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -678.558+/-607.974 χ^2 /NDF: 10.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

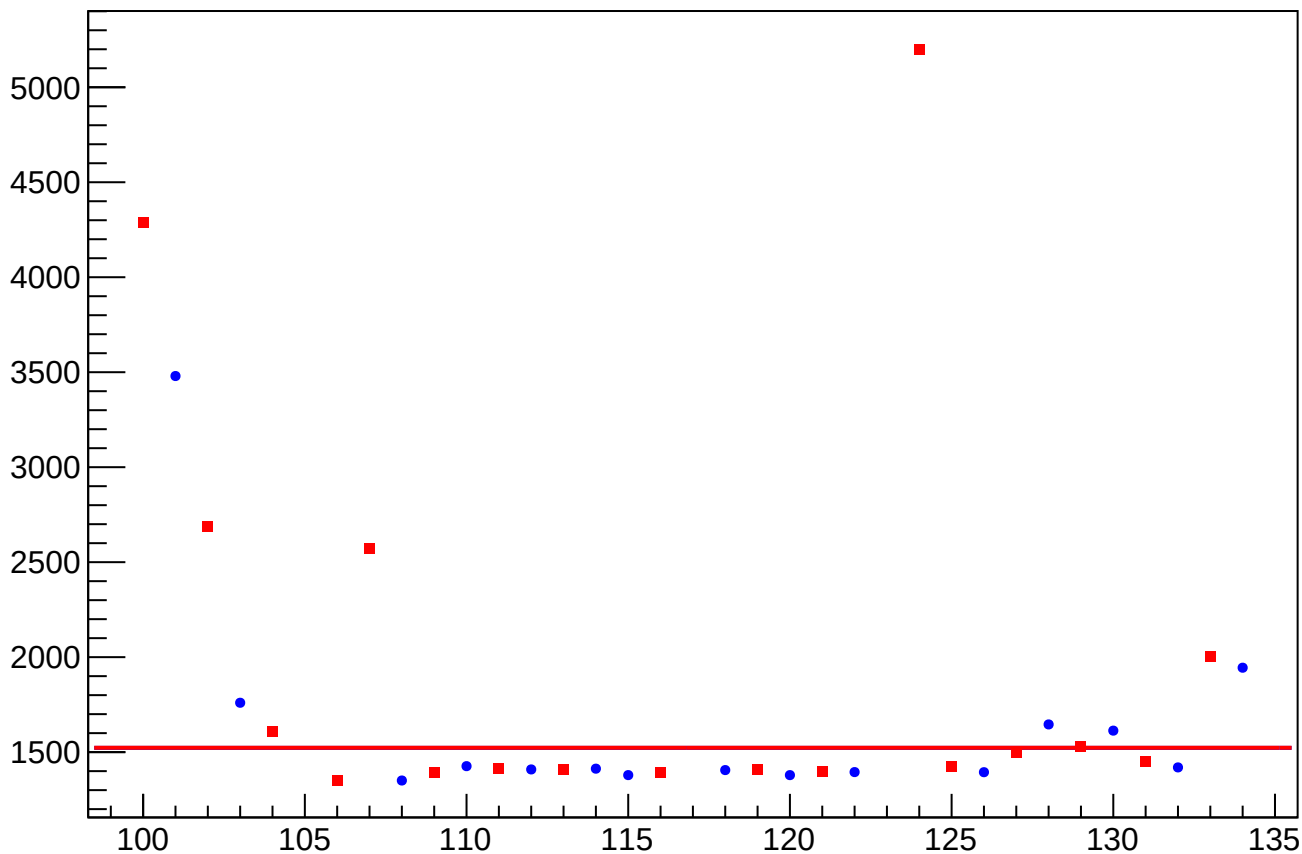
Right: -752.509+/-433.596 χ^2 /NDF: 22.2/31

In: -829.058+/-618.557 χ^2 /NDF:11.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -752.509+/-433.596 χ^2 /NDF: 22.2/31

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1522.389+/-0.437 χ^2/NDF : 541714.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.038+/-0.430 χ^2/NDF : 594813.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

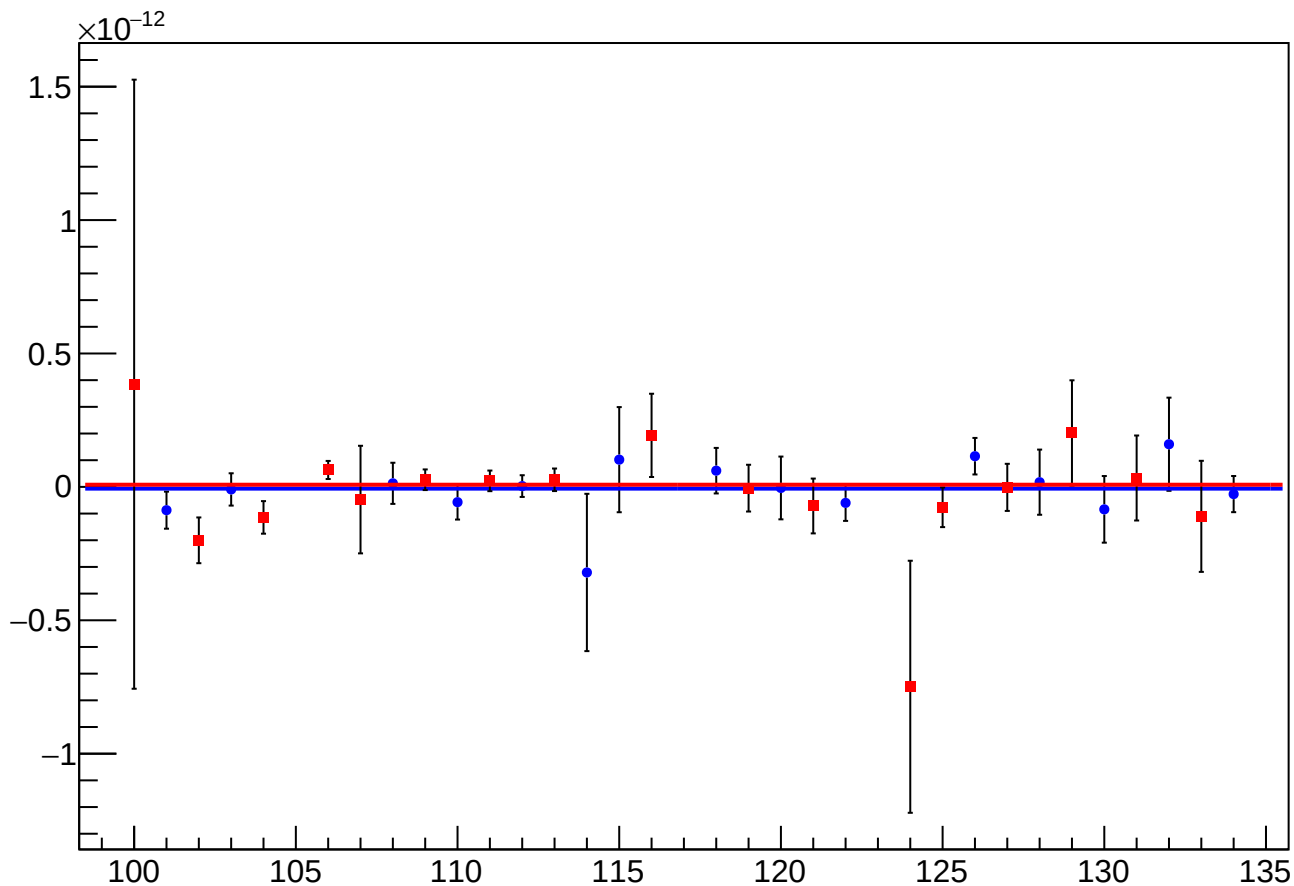
Right: 1522.719+/-0.307 χ^2/NDF : 1136528.9/31

In: 1522.389+/-0.437 χ^2/NDF : 541714.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.719+/-0.307 χ^2/NDF : 1136528.9/31

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

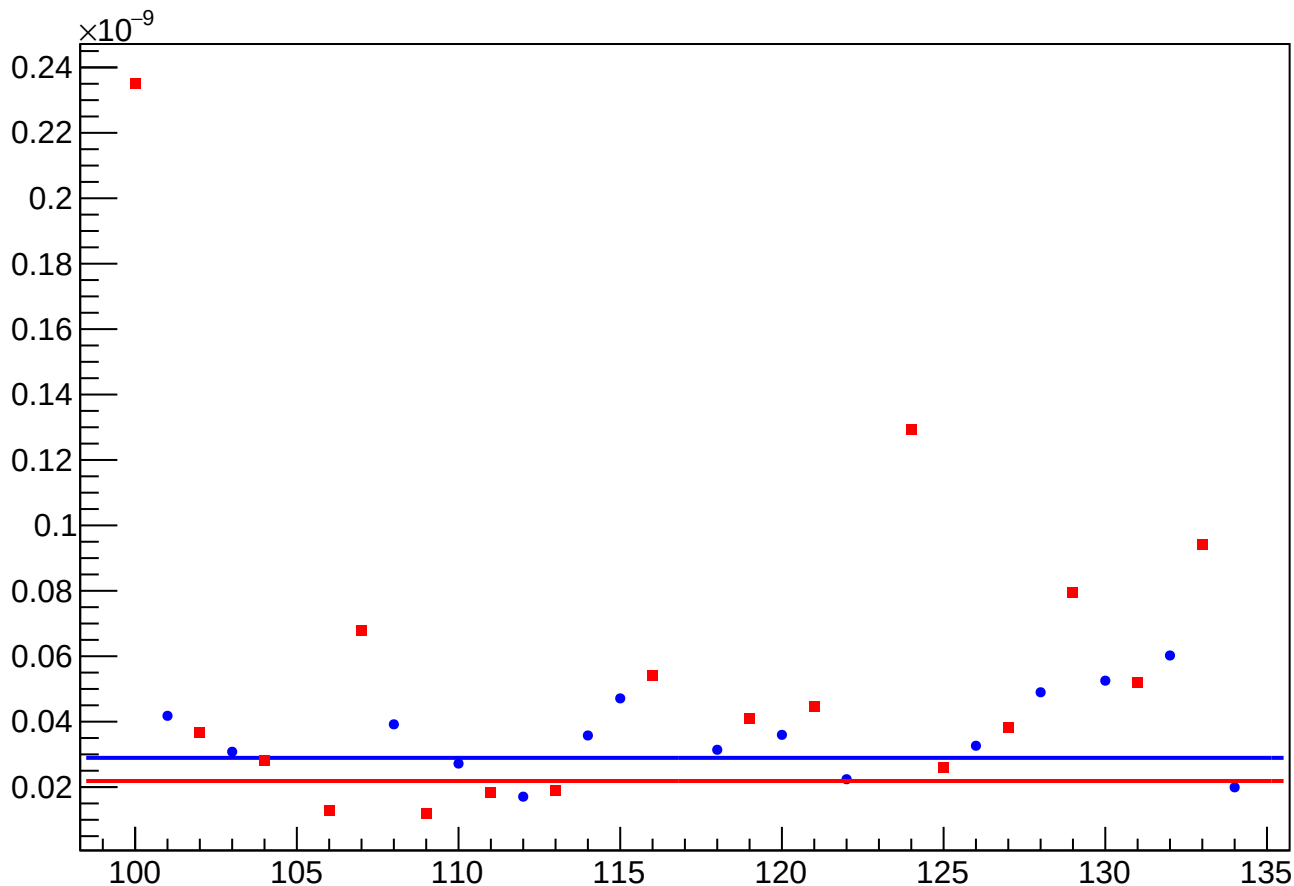
Right: 0.000+/-0.000 χ^2/NDF : 30.3/31

In: -0.000+/-0.000 χ^2/NDF : 9.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.3/31

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 553468.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1500598.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

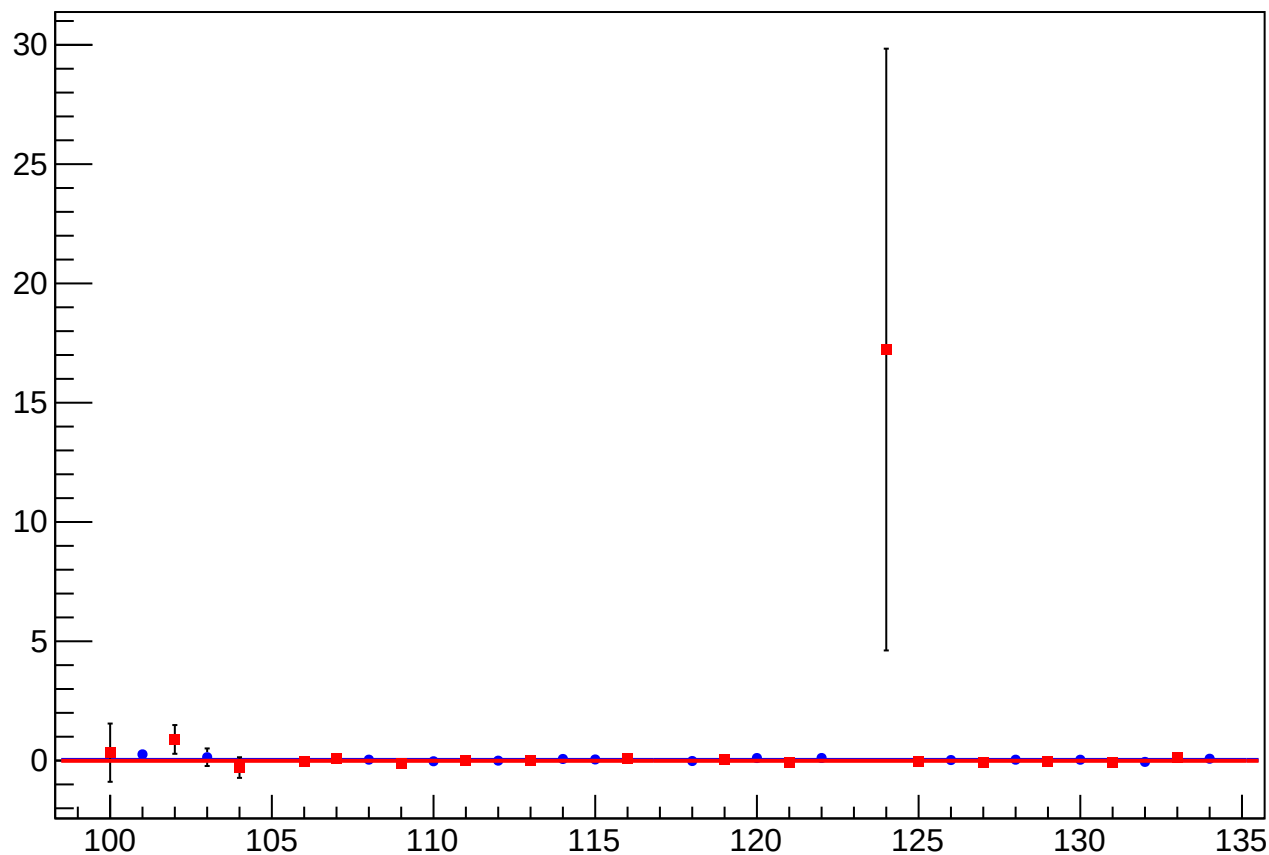
Right: 0.000+/-0.000 χ^2/NDF : 2207603.6/31

In: 0.000+/-0.000 χ^2/NDF : 553468.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2207603.6/31

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

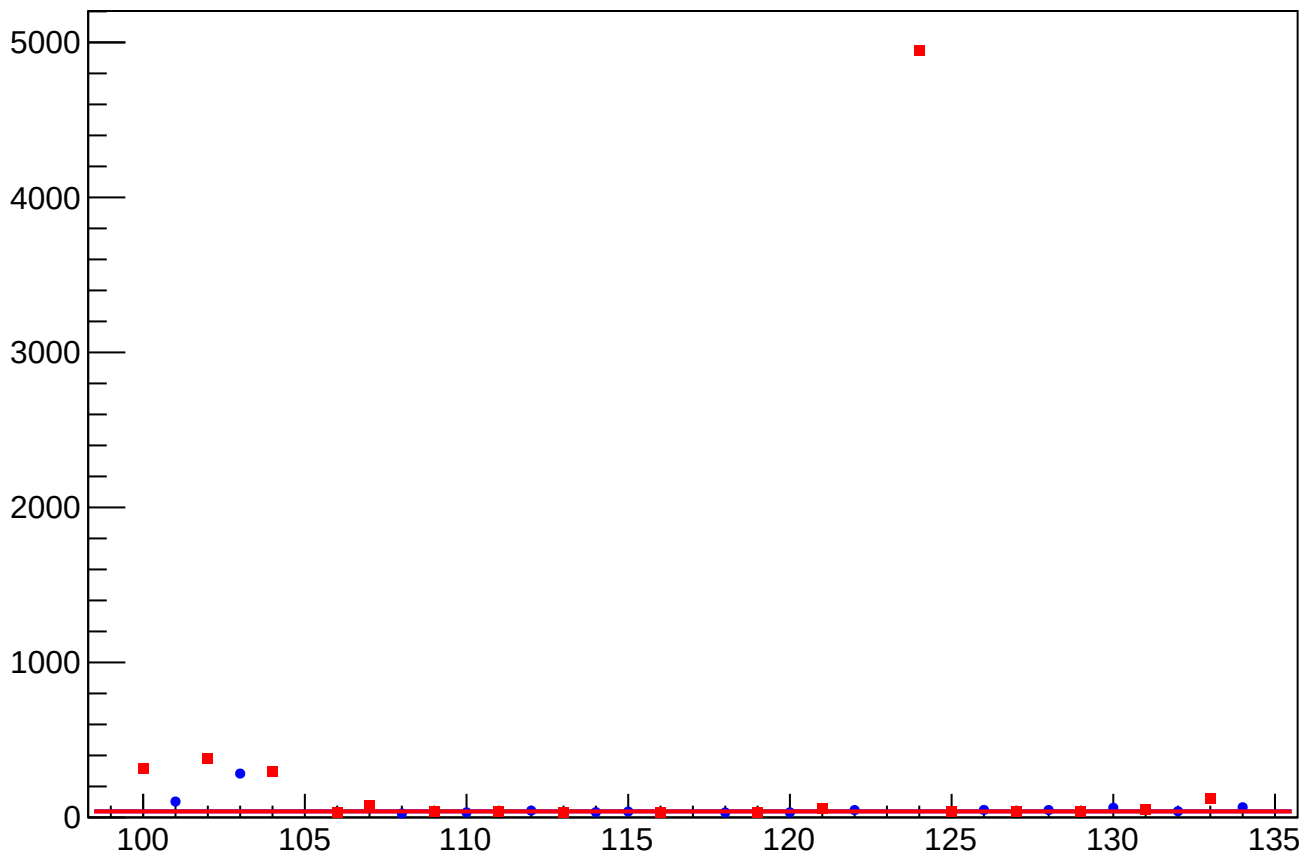
Right: 0.009 $\pm$ 0.013 χ^2 /NDF: 28.1/31

In: 0.027 $\pm$ 0.018 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 28.1/31

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.919+/-0.013 χ^2/NDF : 2491876.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

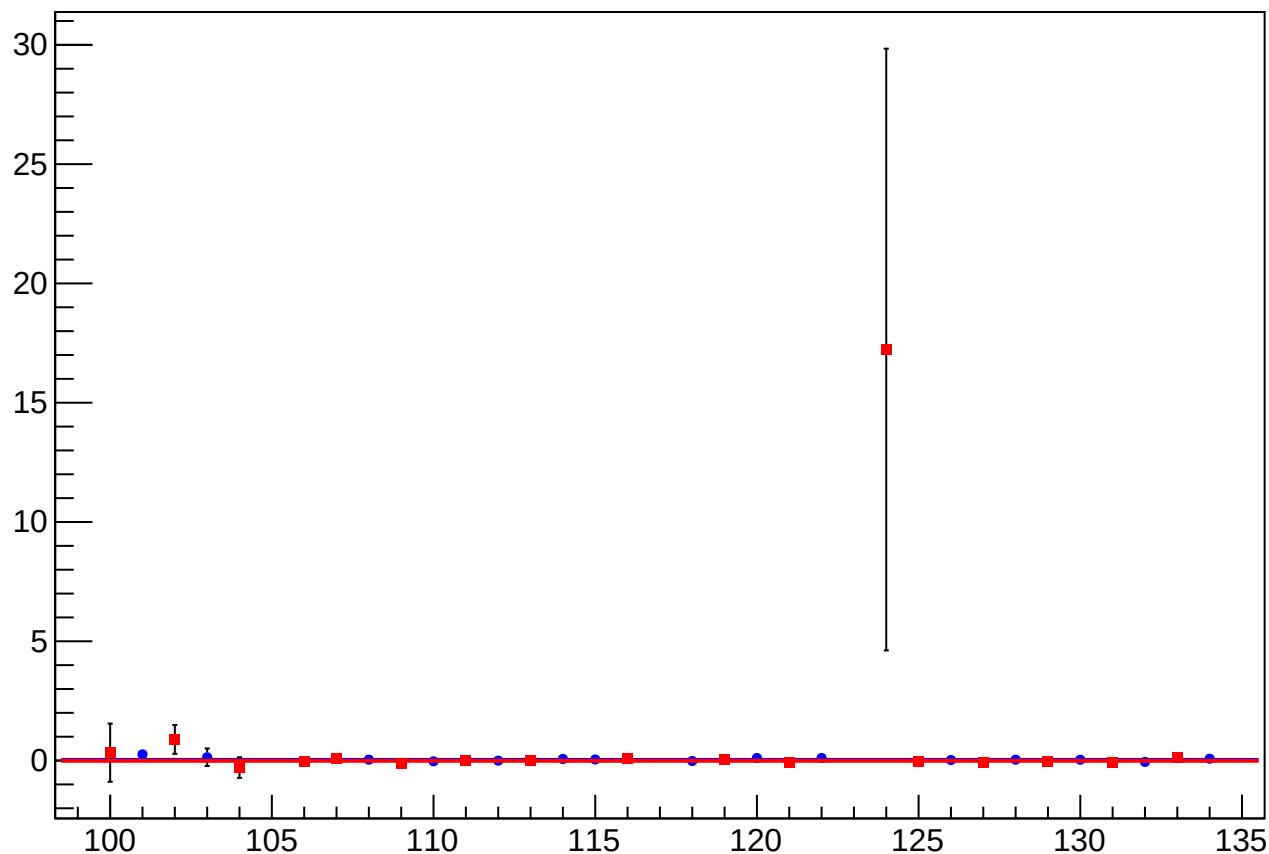
Right: 39.225+/-0.009 χ^2/NDF : 4430590.1/31

In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.225+/-0.009 χ^2/NDF : 4430590.1/31

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.018 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

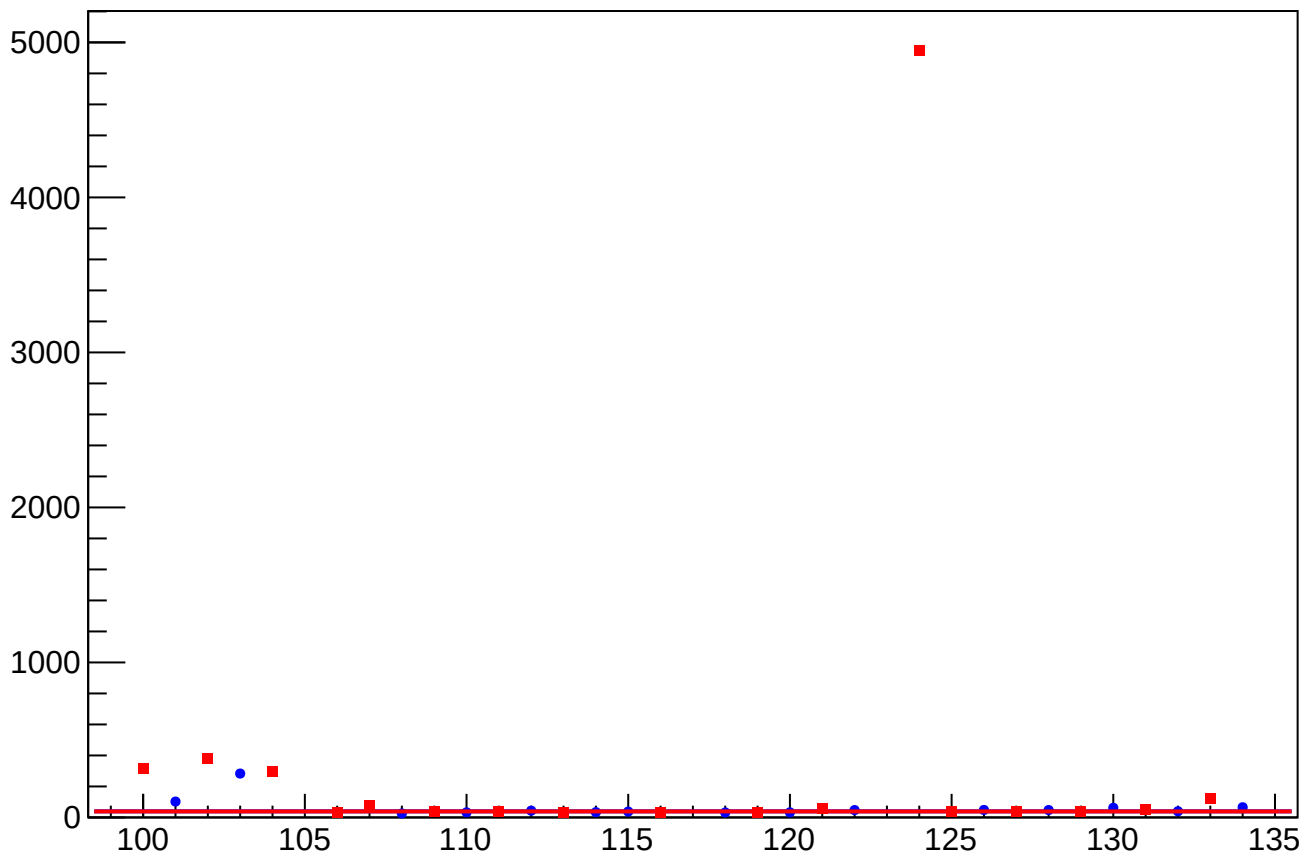
Right: 0.009+/-0.013 χ^2/NDF : 28.1/31

In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 28.1/31

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.527 $\pm$ 0.013 χ^2 /NDF: 1937587.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491876.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

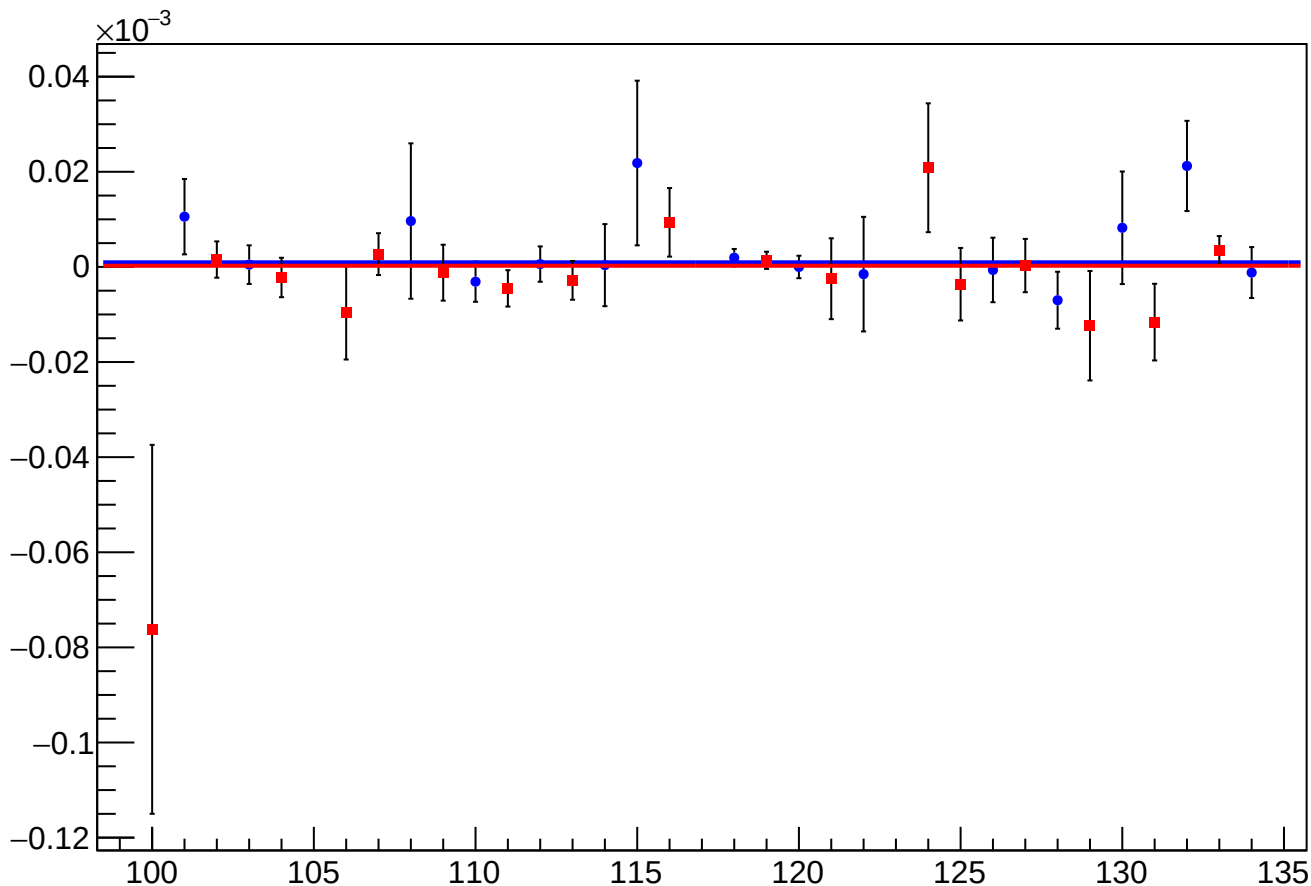
Right: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430590.1/31

In: 39.527 $\pm$ 0.013 χ^2 /NDF: 1937587.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430590.1/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

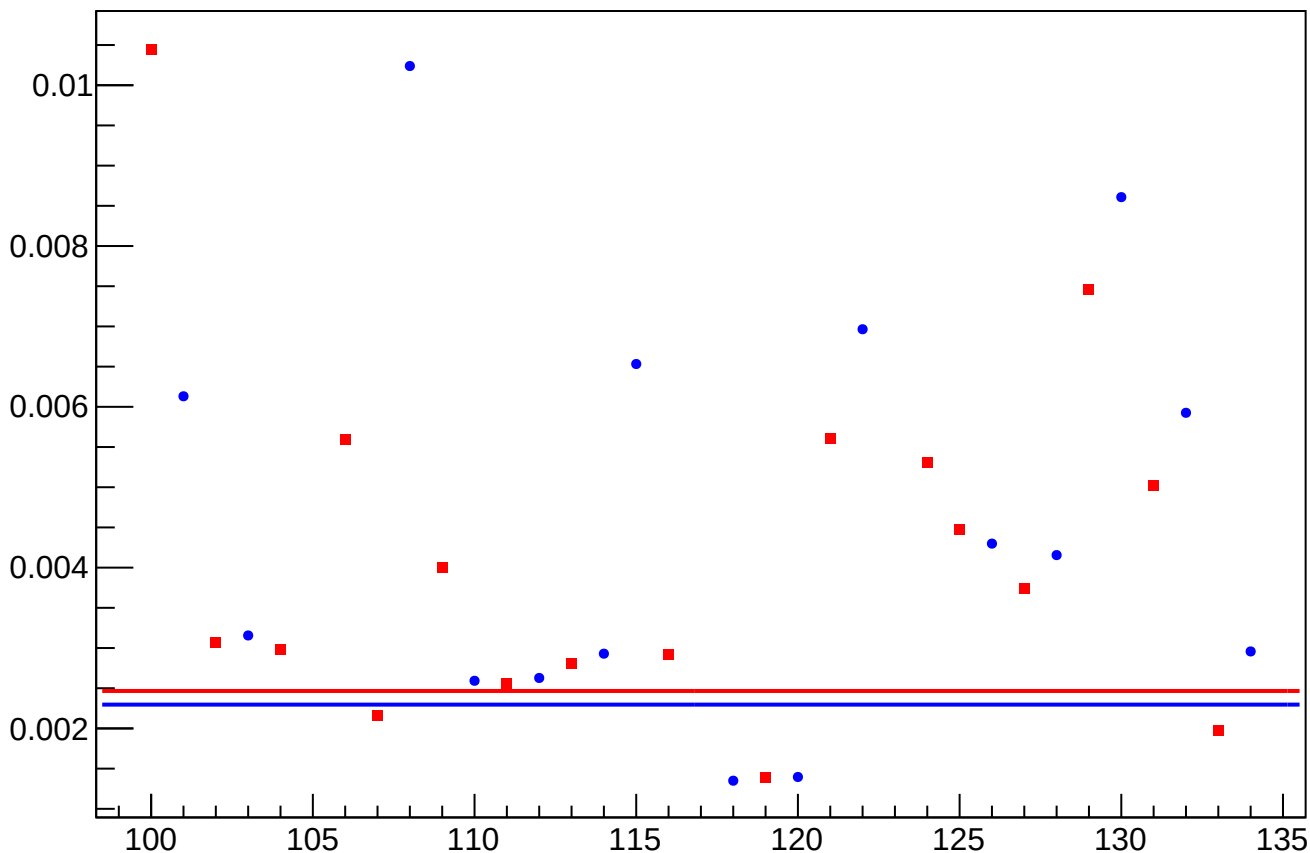
Right: 0.000+/-0.000 χ^2/NDF : 29.0/31

In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/31

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 : 3569831.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2481197.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

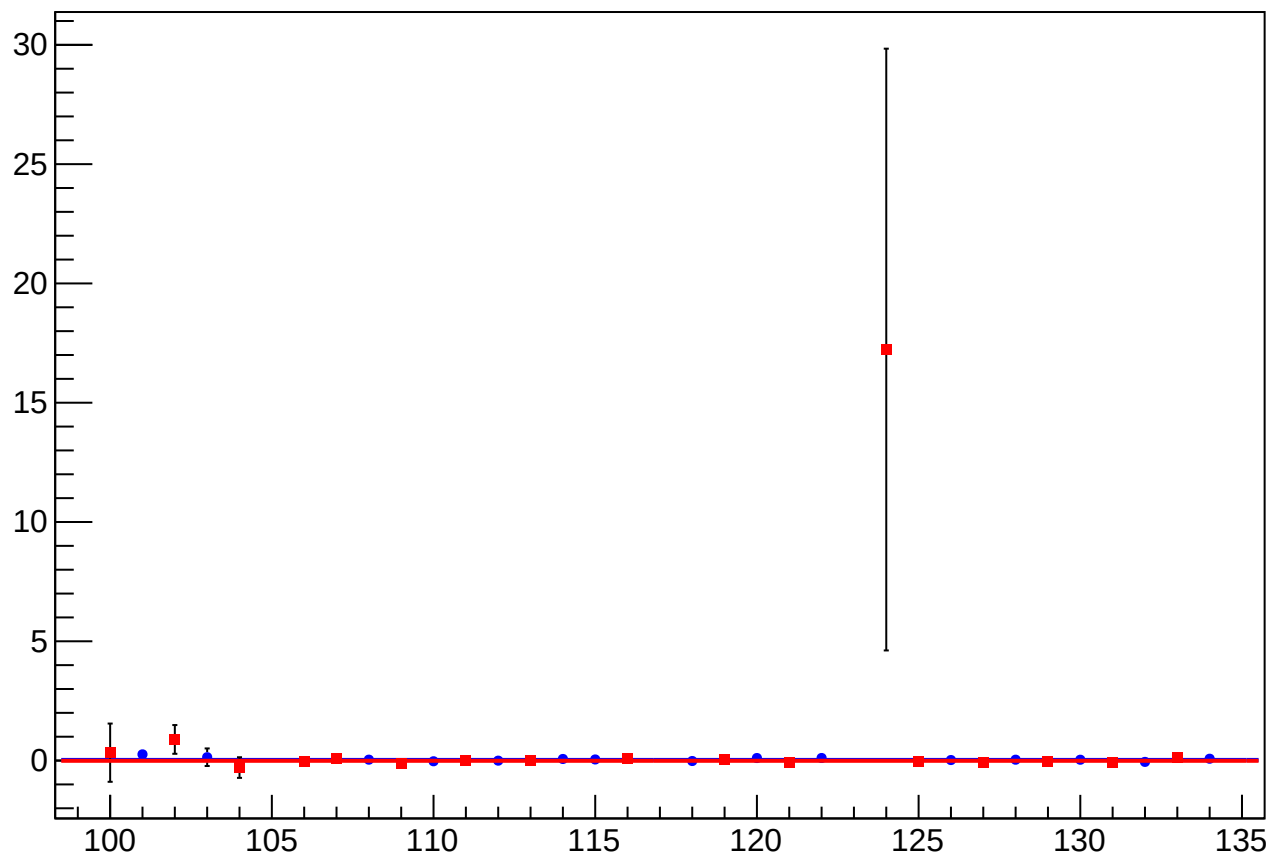
Right: 0.002+/-0.000 χ^2/NDF : 6075324.2/31

In: 0.002+/-0.000 χ^2/NDF :3569831.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6075324.2/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

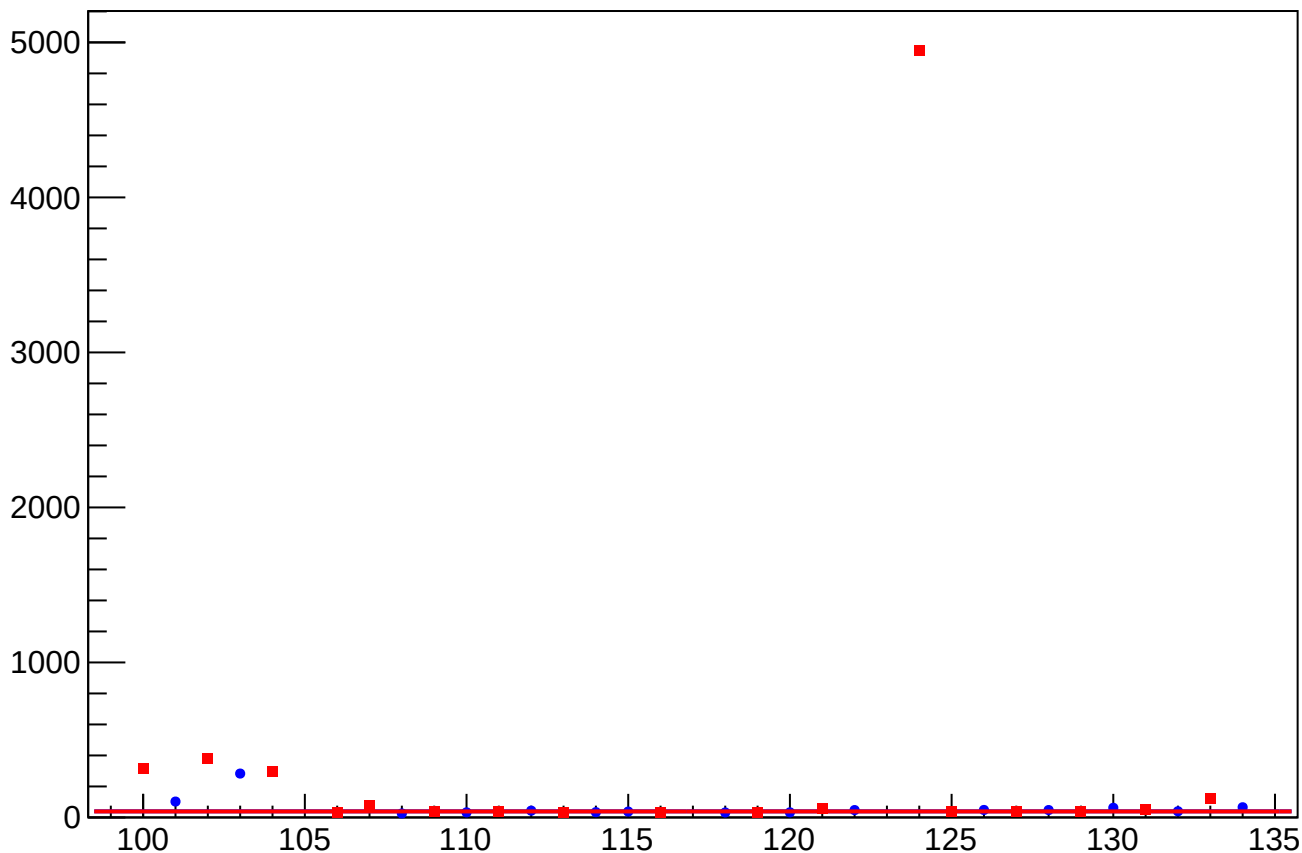
Right: 0.009 $\pm$ 0.013 χ^2 /NDF: 28.1/31

In: 0.027 $\pm$ 0.018 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 28.1/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

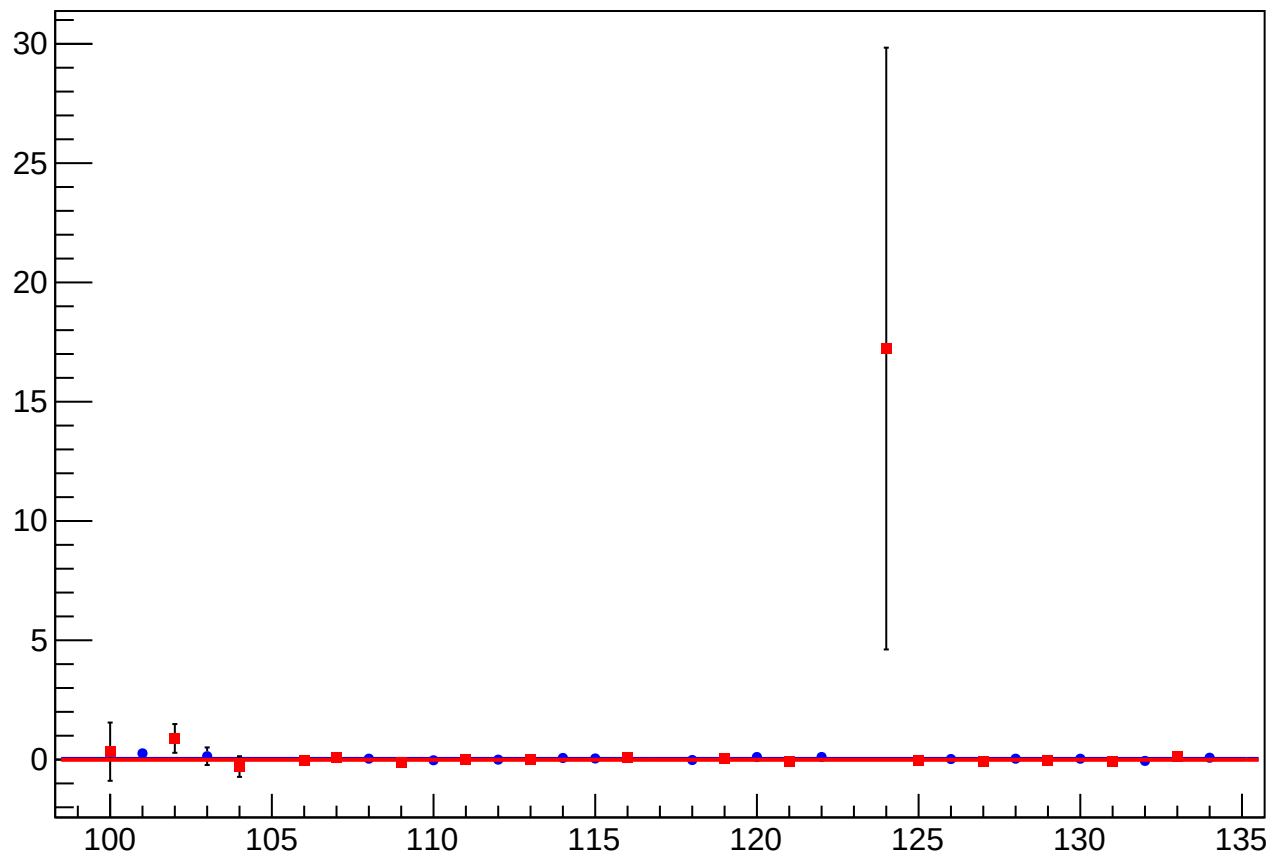
Right: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.018 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

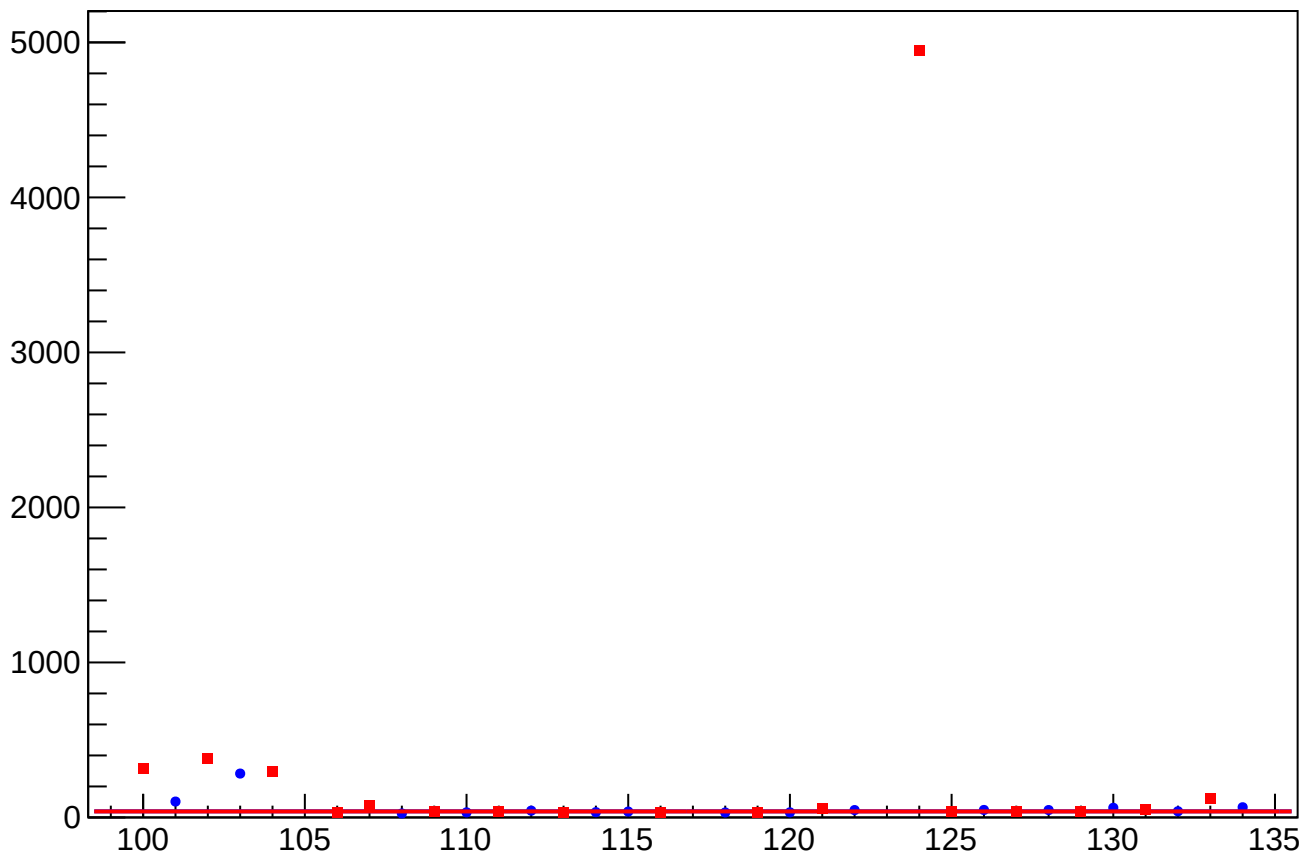
Right: 0.009+/-0.013 χ^2/NDF : 28.1/31

In: 0.027+/-0.018 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 28.1/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

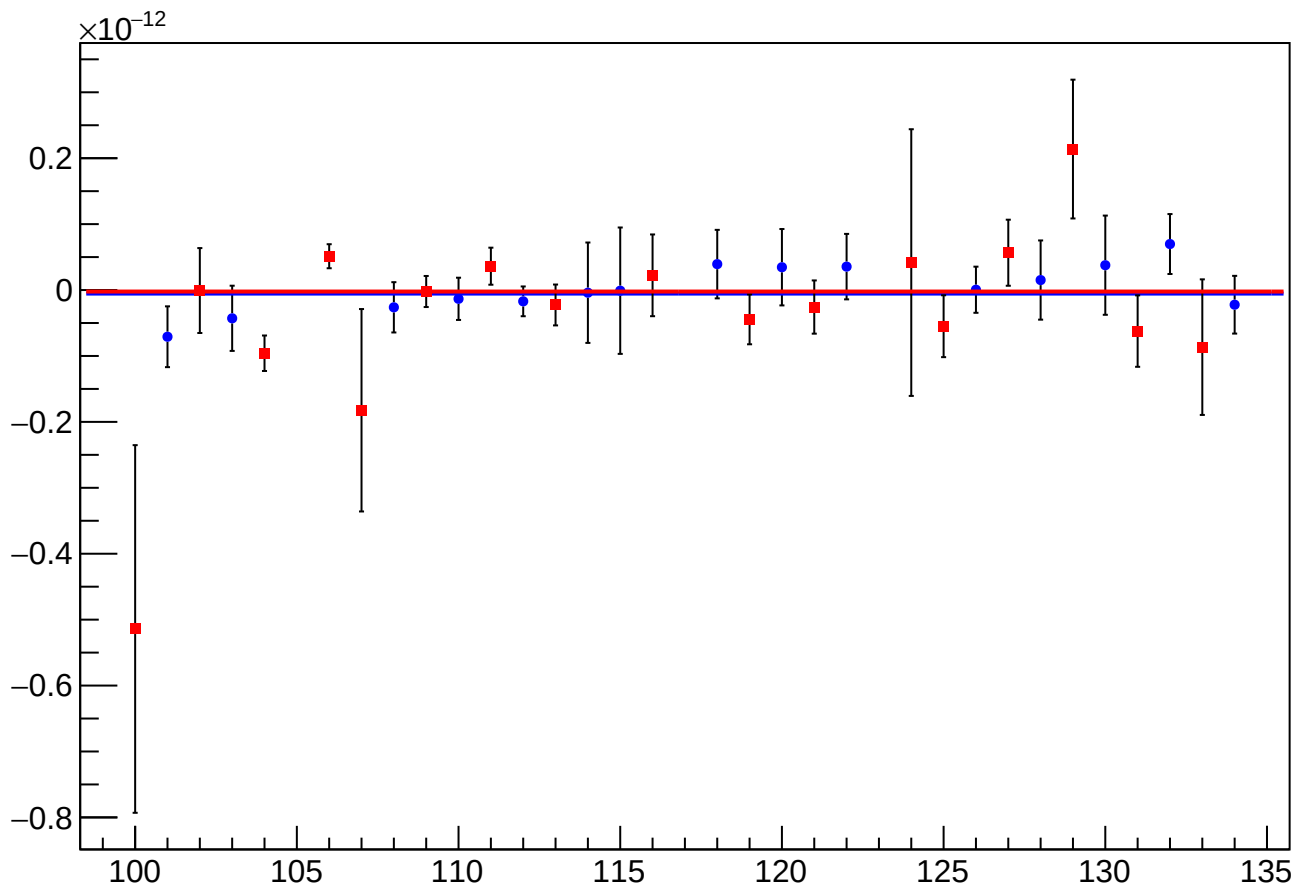
Right: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

In: 39.528 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 38.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

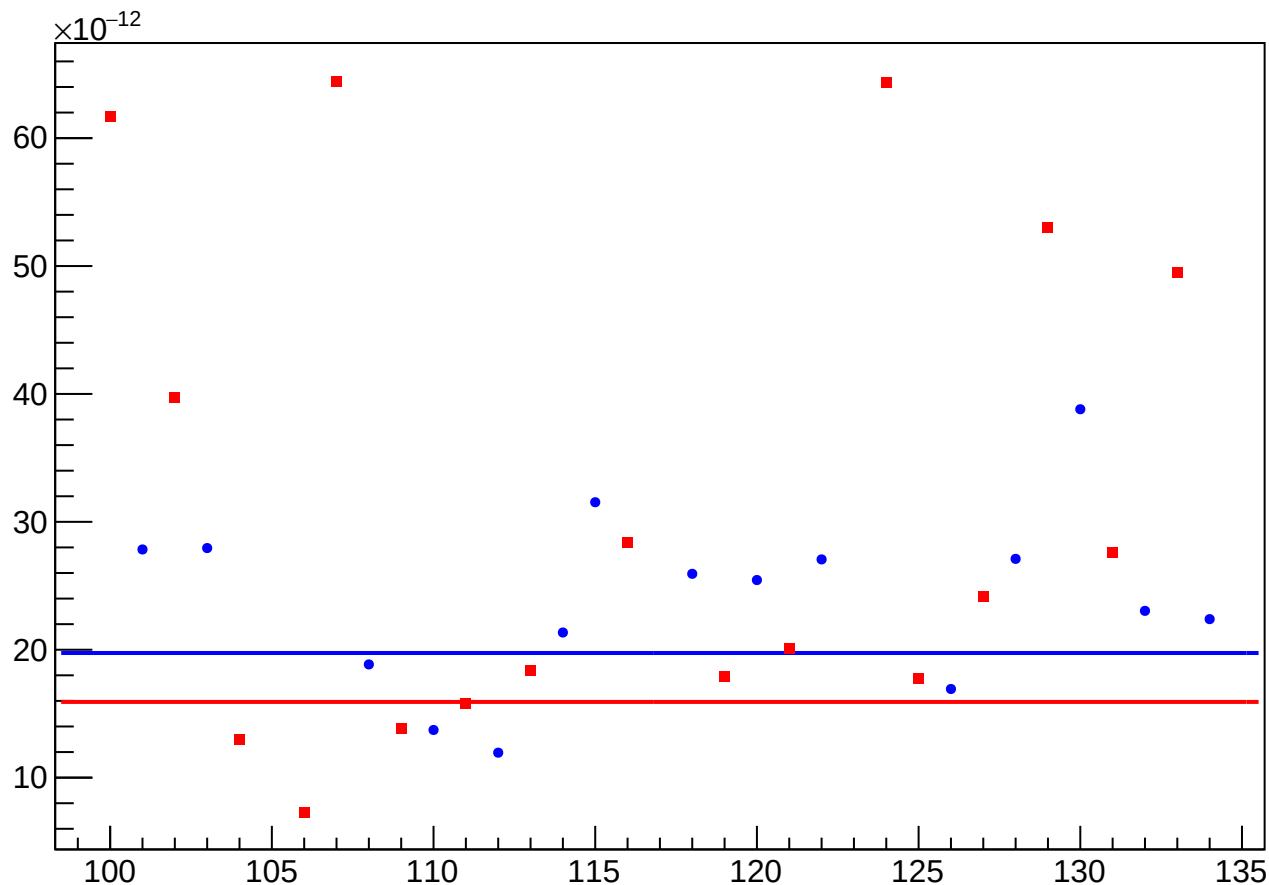
Right: -0.000+/-0.000 χ^2/NDF : 46.8/31

In: -0.000+/-0.000 χ^2/NDF : 8.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.8/31

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 : 737984.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1865420.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

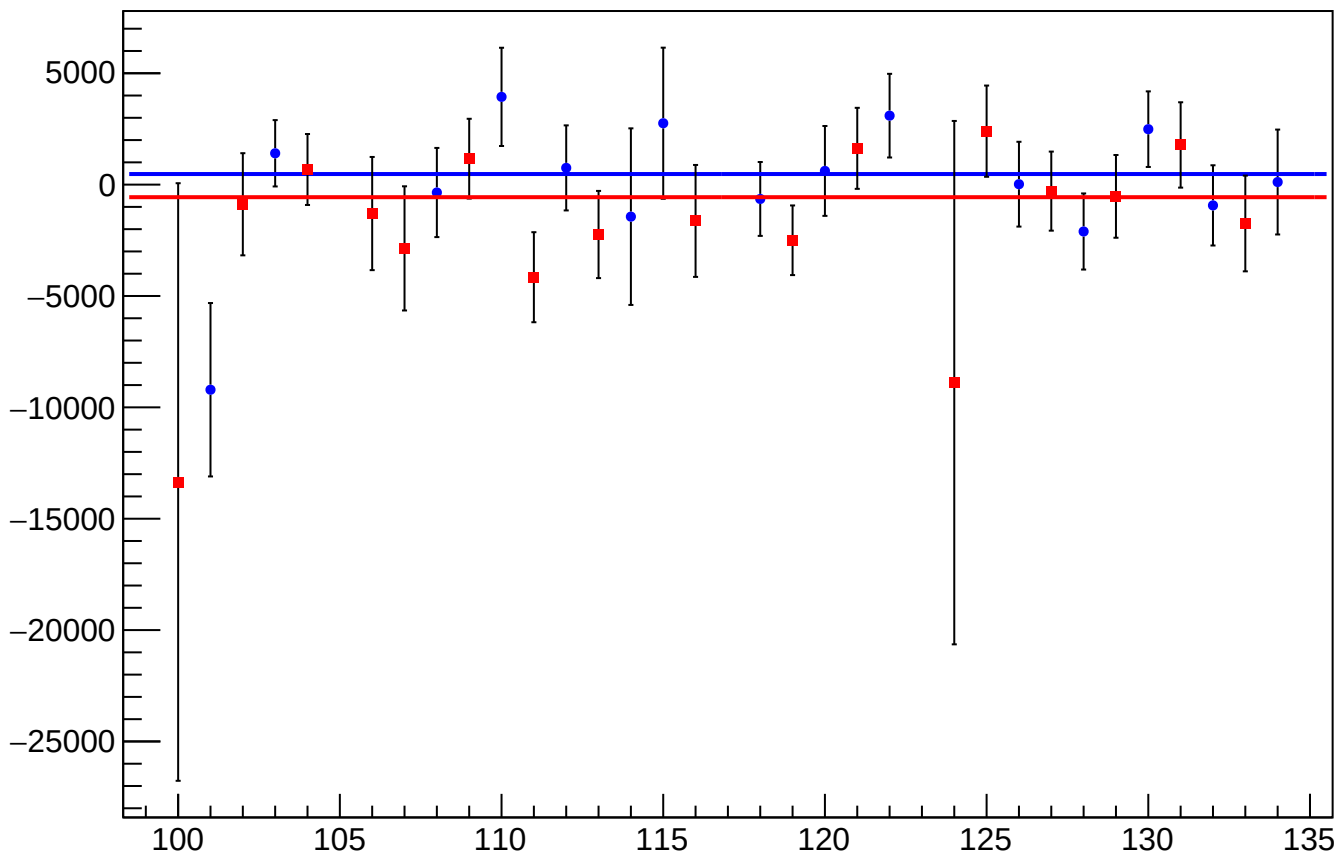
Right: 0.000+/-0.000 χ^2/NDF : 2744195.1/31

In: 0.000+/-0.000 χ^2/NDF : 737984.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2744195.1/31

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 475.289+/-516.831 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -564.036+/-506.210 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

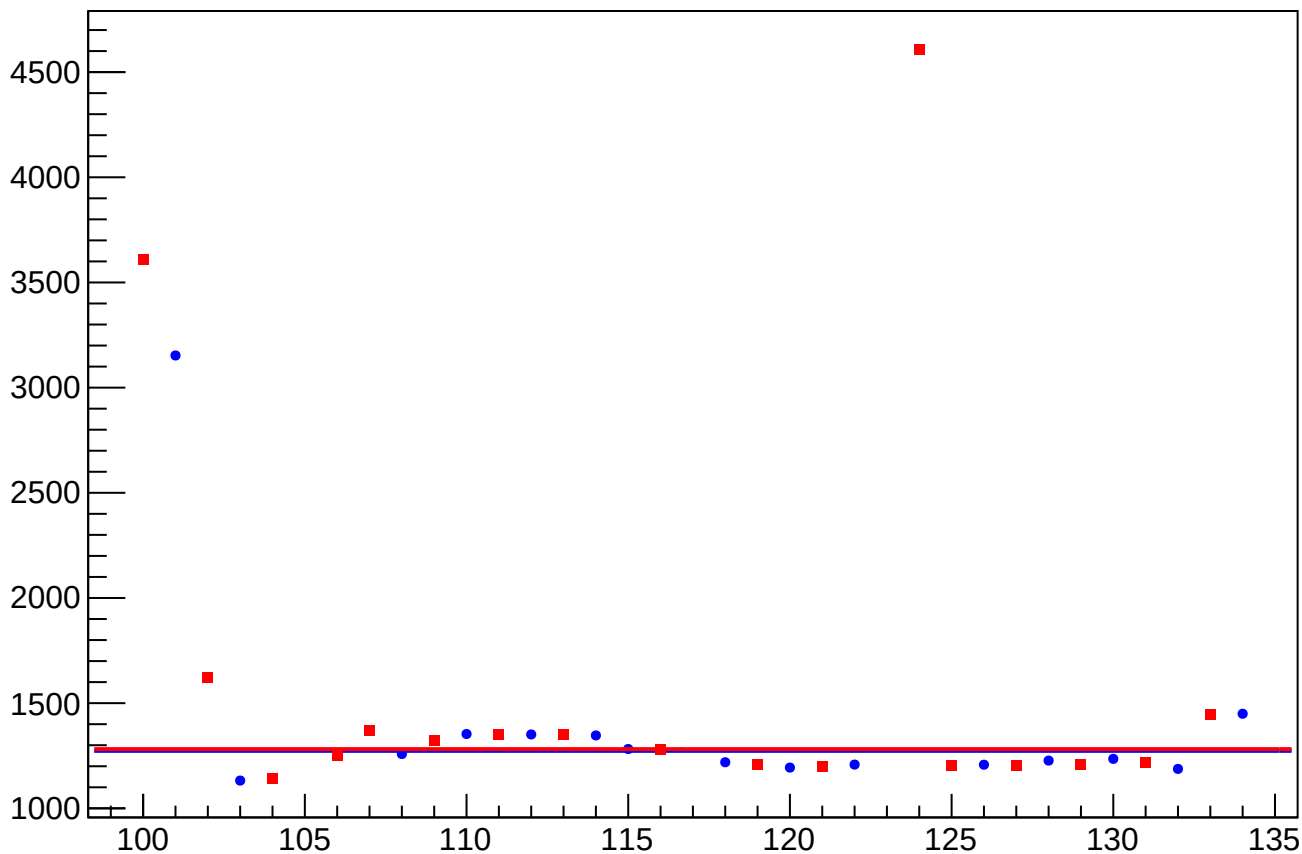
Right: -55.163+/-361.641 χ^2/NDF : 33.5/31

In: 475.289+/-516.831 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.163+/-361.641 χ^2/NDF : 33.5/31

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1273.303+/-0.365 χ^2/NDF : 519283.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.473+/-0.358 χ^2/NDF : 321826.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

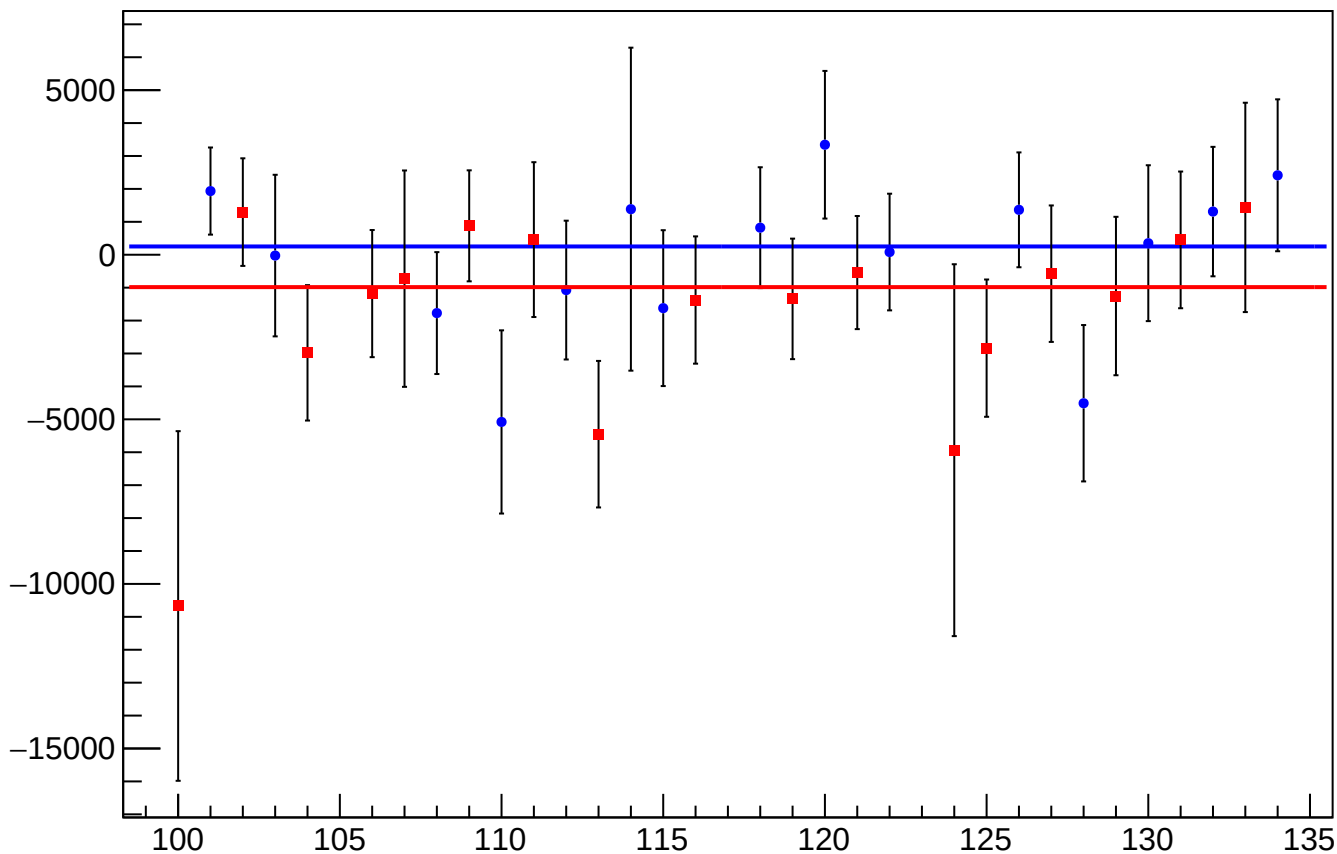
Right: 1277.473+/-0.256 χ^2/NDF : 841365.4/31

In: 1273.303+/-0.365 χ^2/NDF : 519283.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.473+/-0.256 χ^2/NDF : 841365.4/31

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 251.492 $\pm$ 530.946 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -983.684 $\pm$ 523.898 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

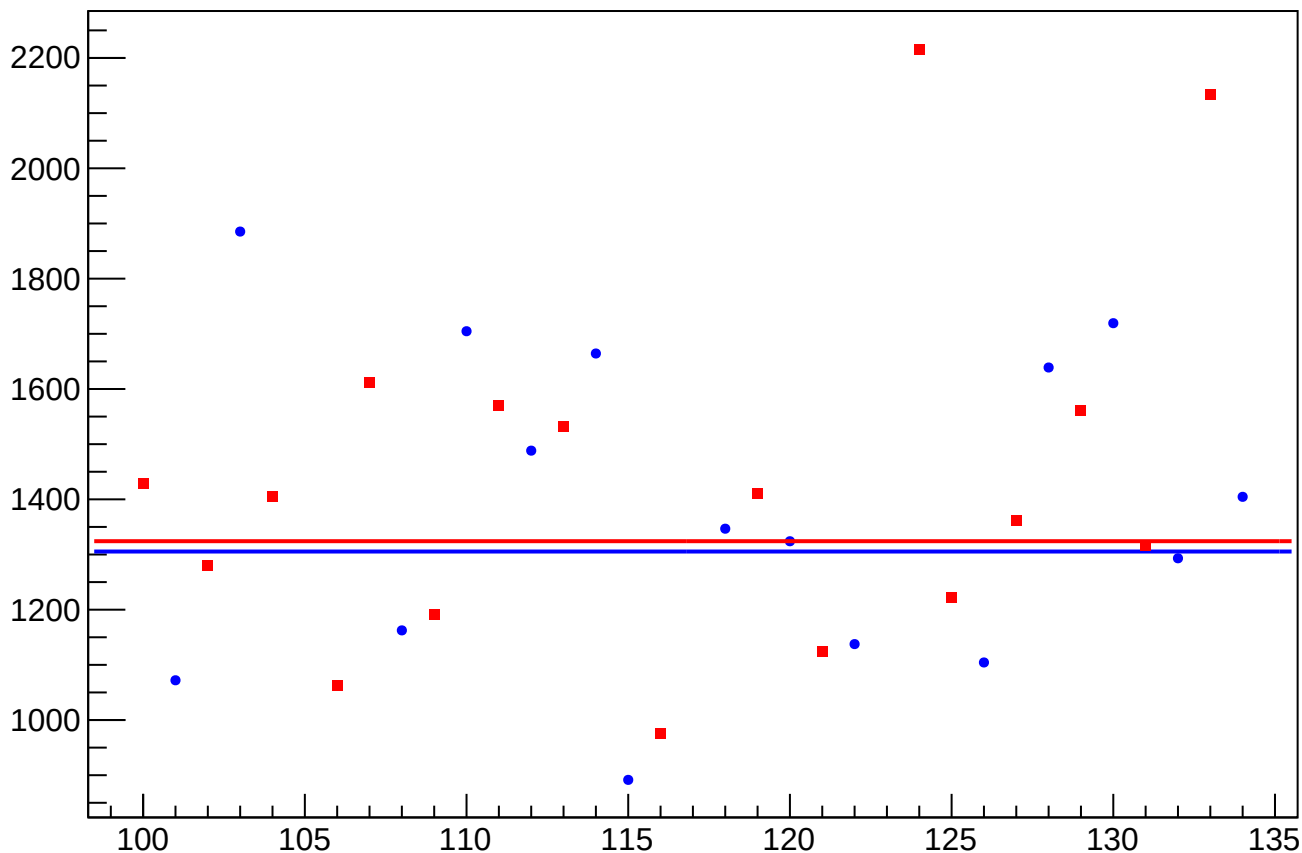
Right: -374.349 $\pm$ 372.918 χ^2 /NDF: 32.6/31

In: 251.492 $\pm$ 530.946 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -374.349 $\pm$ 372.918 χ^2 /NDF: 32.6/31

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1305.419+/-0.375 χ^2/NDF : 463771.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.151+/-0.370 χ^2/NDF : 409822.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

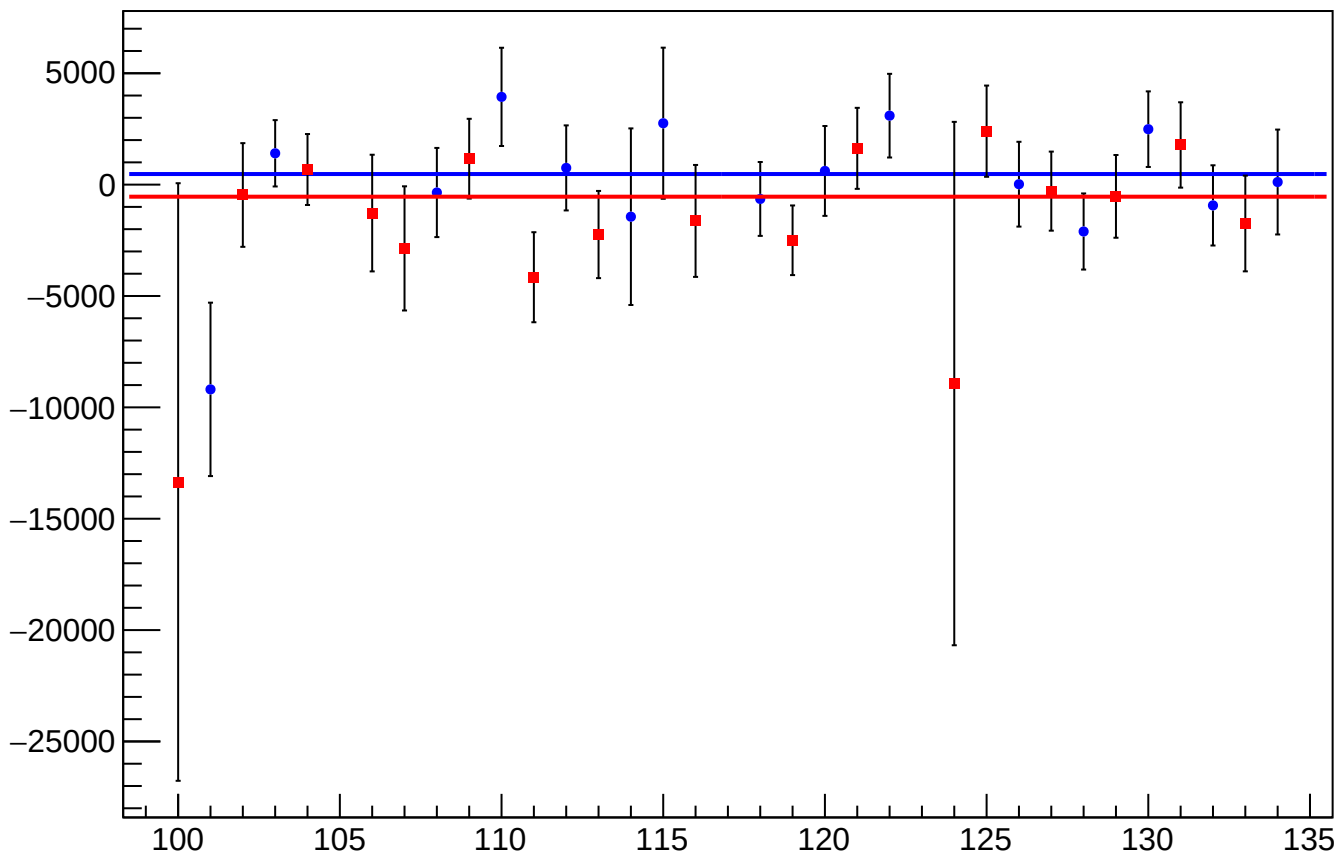
Right: 1314.910+/-0.264 χ^2/NDF : 874854.9/31

In: 1305.419+/-0.375 χ^2/NDF : 463771.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.910+/-0.264 χ^2/NDF : 874854.9/31

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.482+/-507.165 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

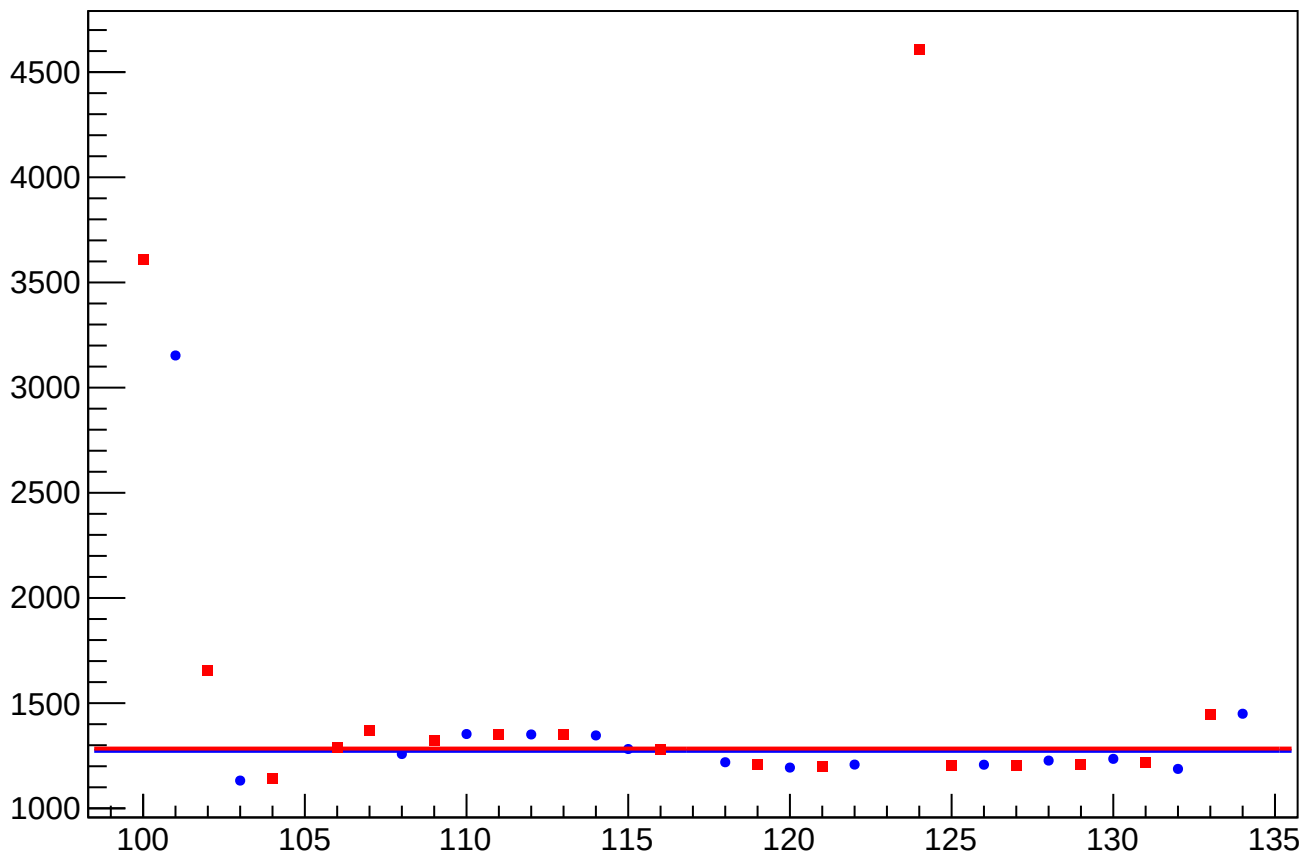
Right: -42.528+/-361.989 χ^2/NDF : 33.3/31

In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.528+/-361.989 χ^2/NDF : 33.3/31

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

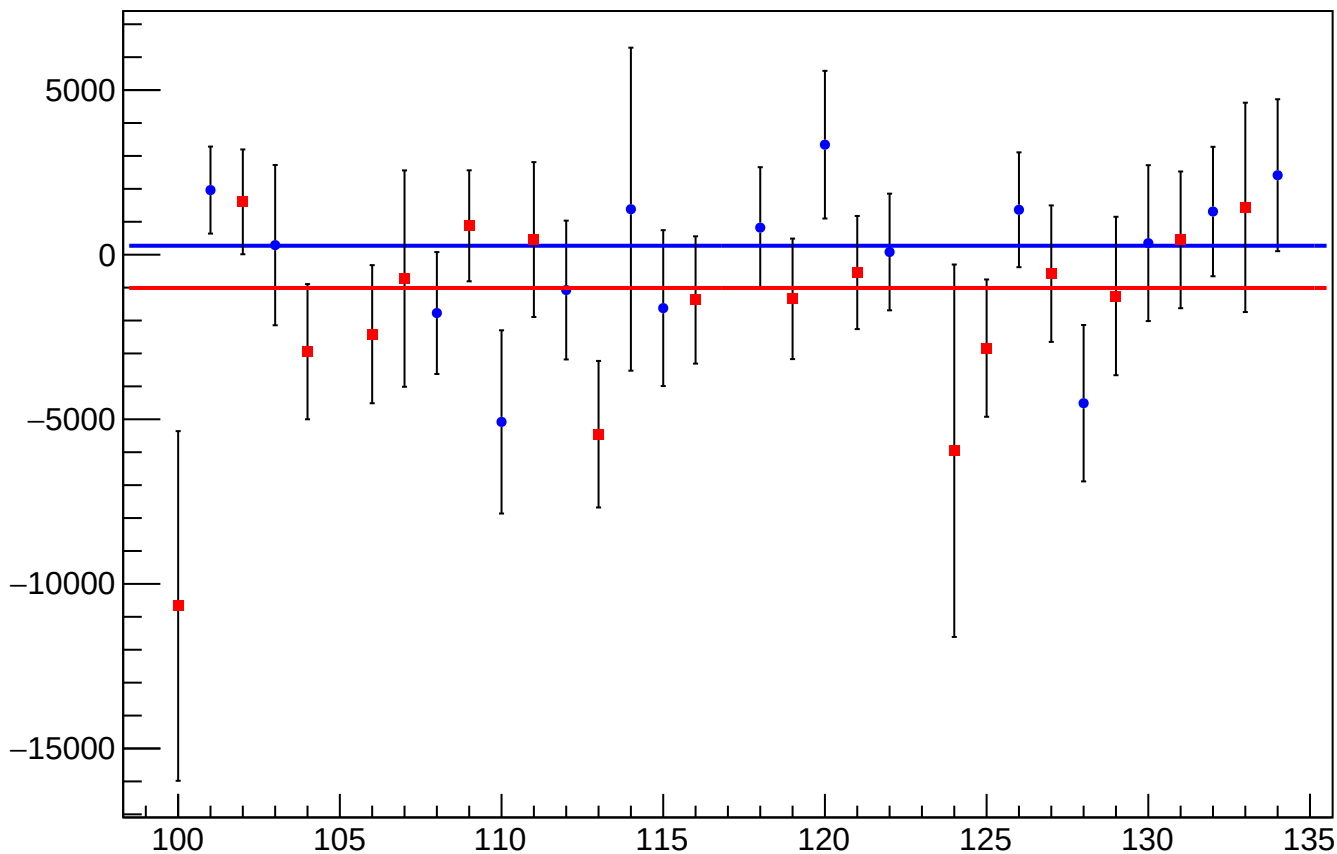
Right: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.584 $\pm$ 530.604 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1010.941 $\pm$ 525.345 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

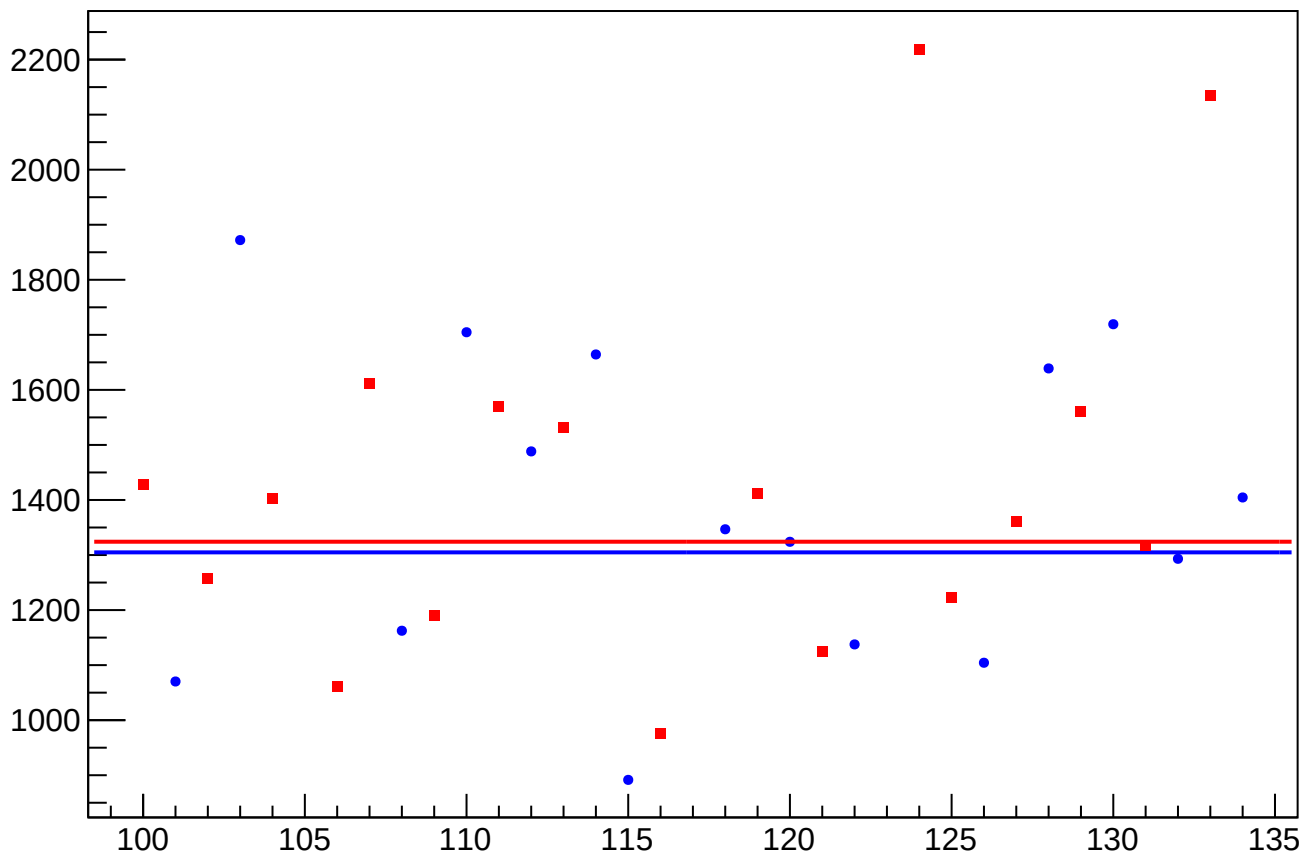
Right: -376.065 $\pm$ 373.320 χ^2 /NDF: 34.0/31

In: 271.584 $\pm$ 530.604 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -376.065 $\pm$ 373.320 χ^2 /NDF: 34.0/31

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

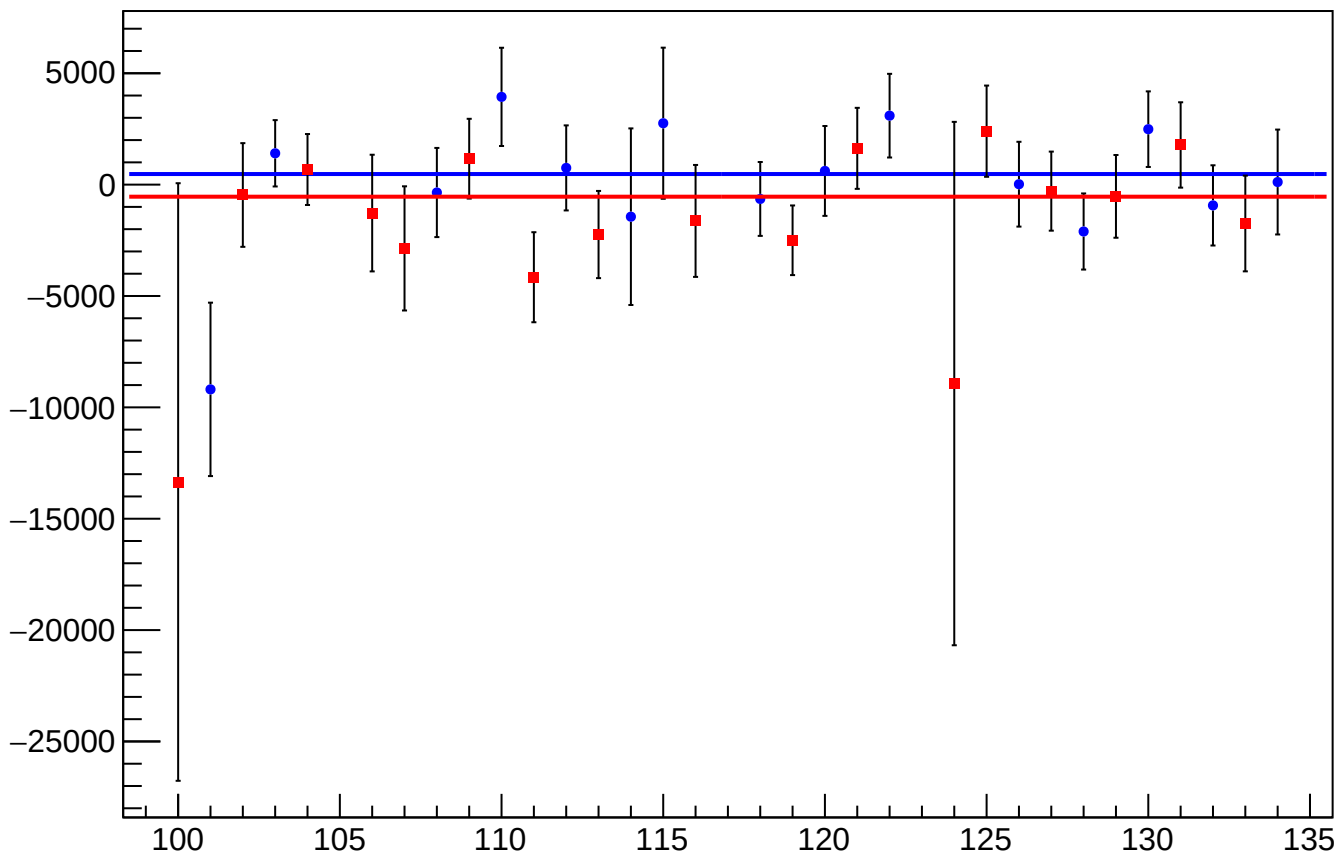
Right: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.482+/-507.165 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

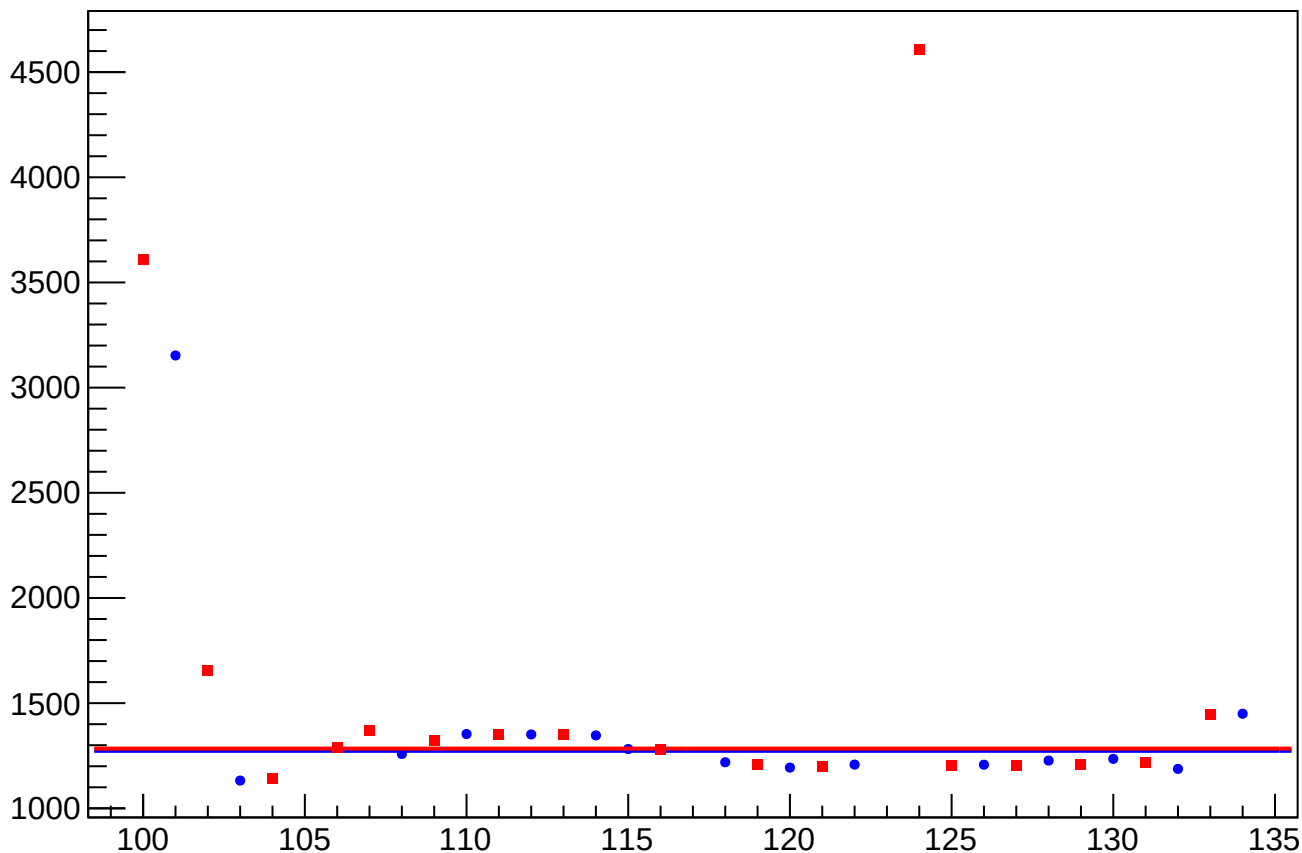
Right: -42.528+/-361.989 χ^2/NDF : 33.3/31

In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.528+/-361.989 χ^2/NDF : 33.3/31

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

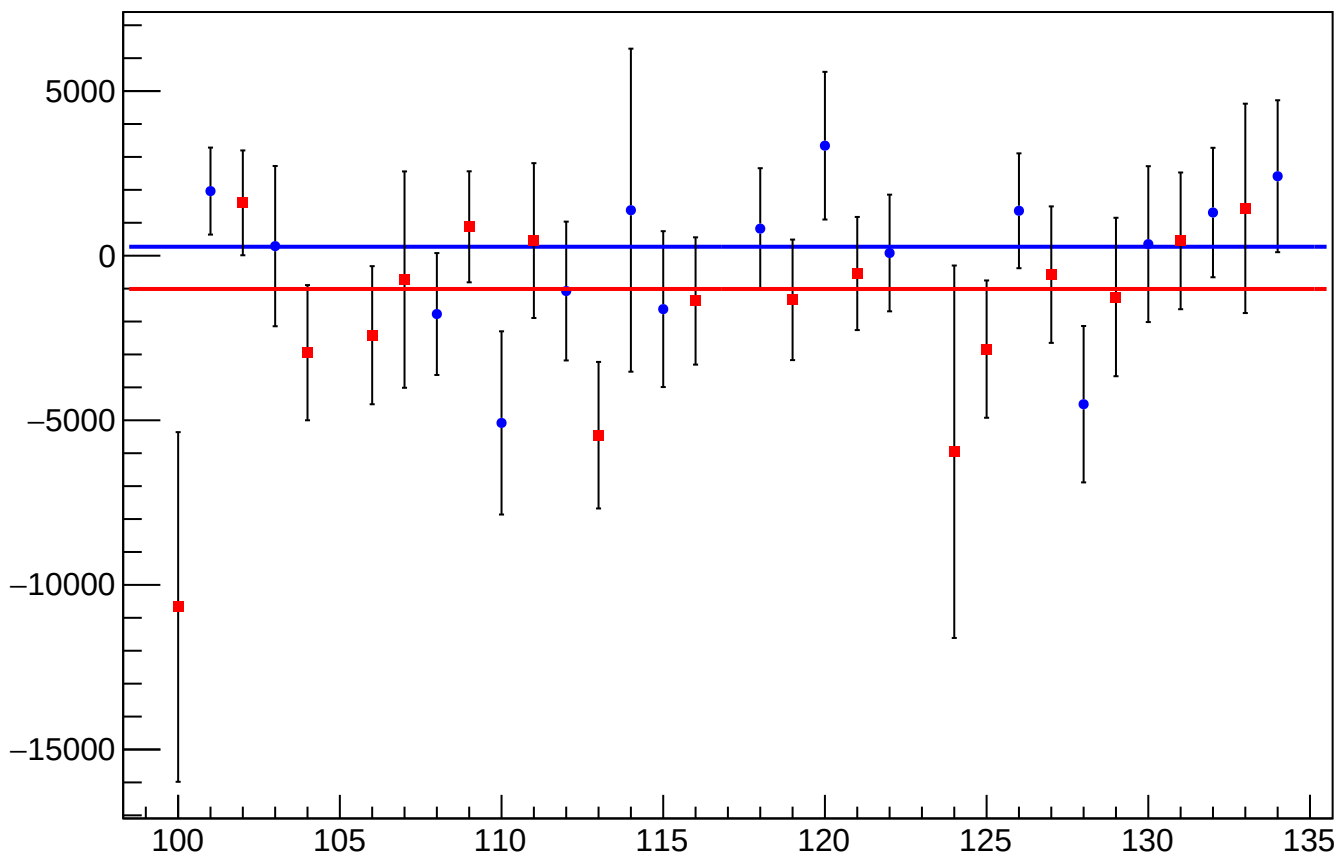
Right: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.584 $\pm$ 530.604 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1010.941 $\pm$ 525.345 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

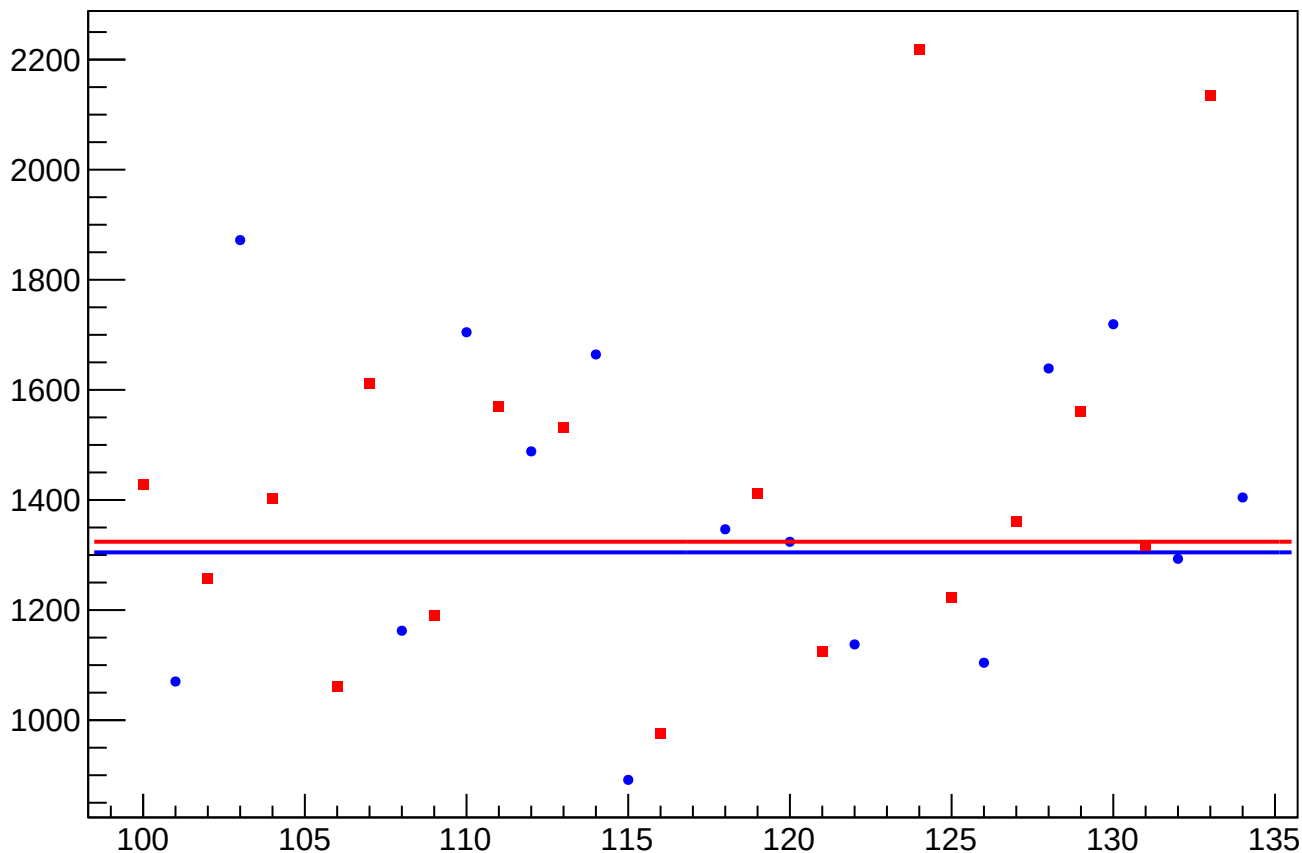
Right: -376.065 $\pm$ 373.320 χ^2 /NDF: 34.0/31

In: 271.584 $\pm$ 530.604 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -376.065 $\pm$ 373.320 χ^2 /NDF: 34.0/31

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

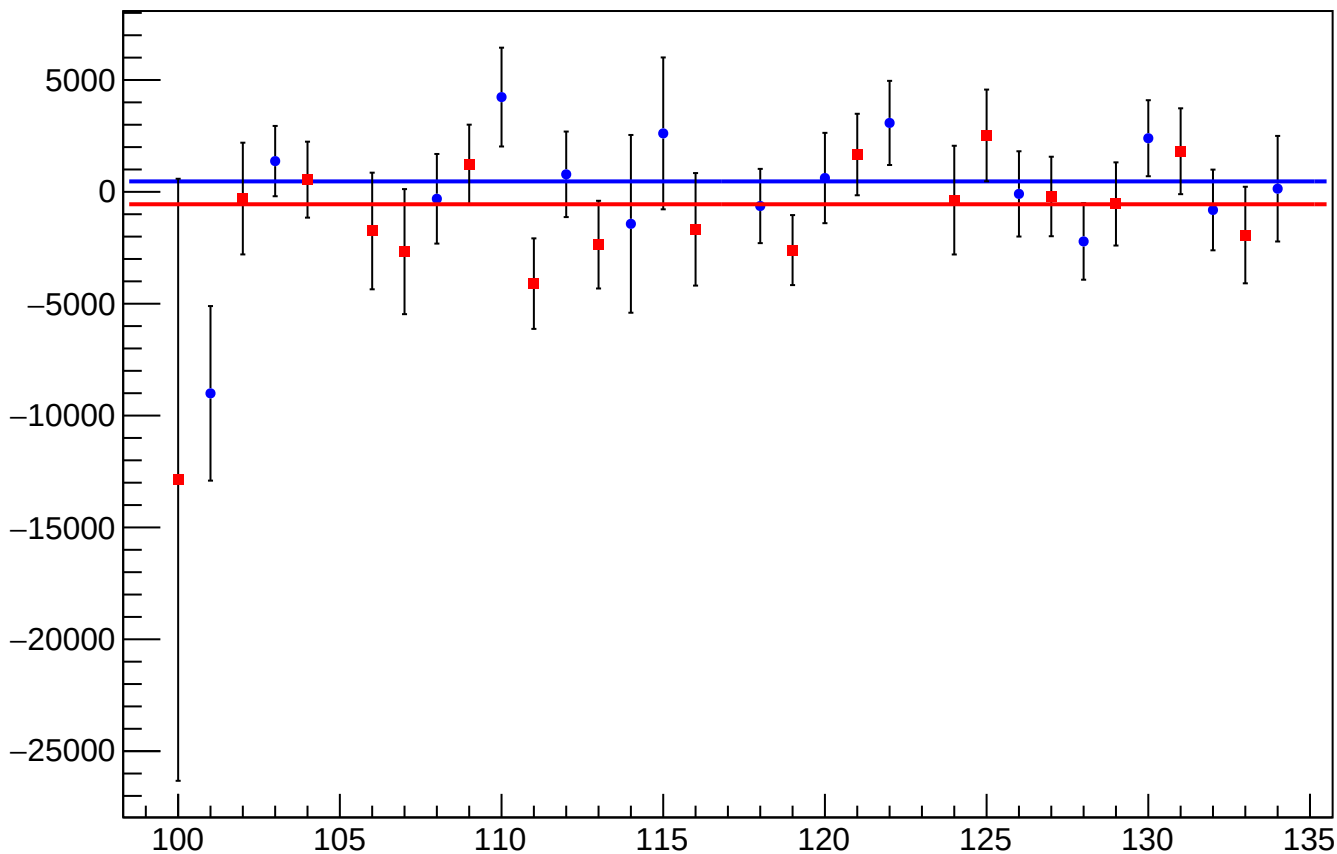
Right: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 467.437+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -554.398+/-501.845 χ^2/NDF : 14.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

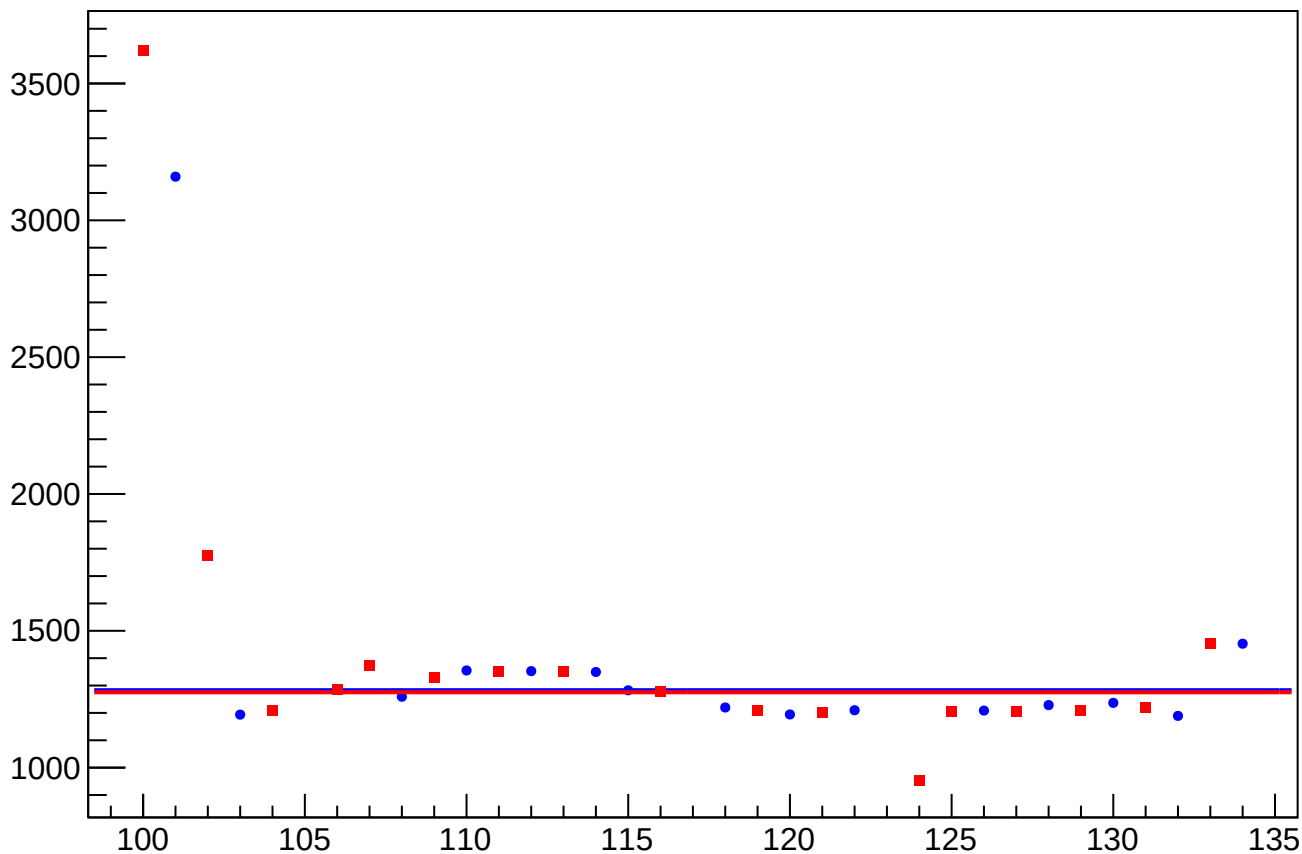
Right: -62.175+/-361.292 χ^2/NDF : 33.2/31

In: 467.437+/-520.557 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.175+/-361.292 χ^2/NDF : 33.2/31

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1283.086+/-0.368 χ^2/NDF : 506911.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.340+/-0.355 χ^2/NDF : 220135.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

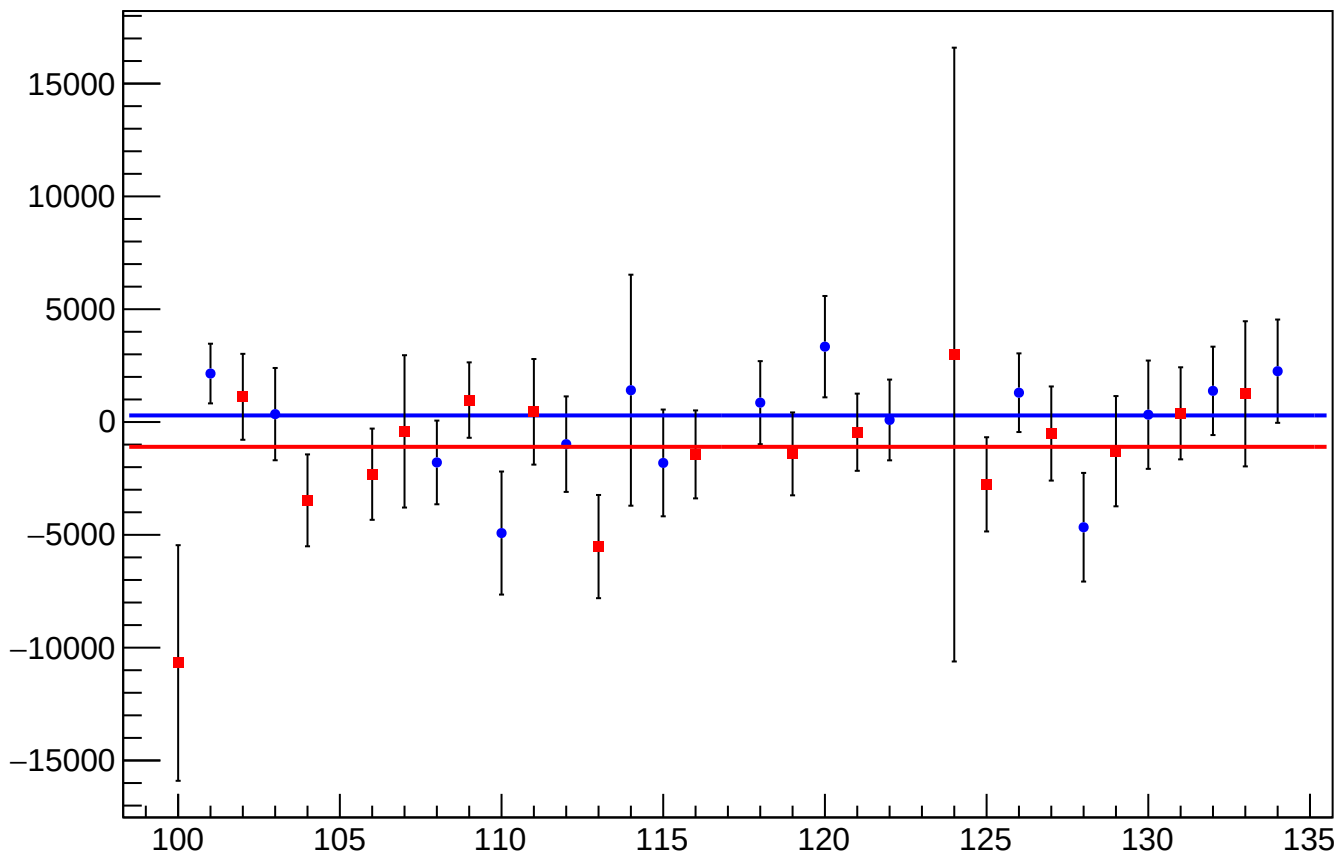
Right: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

In: 1283.086+/-0.368 χ^2/NDF : 506911.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.277+/-526.449 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1099.359+/-535.449 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

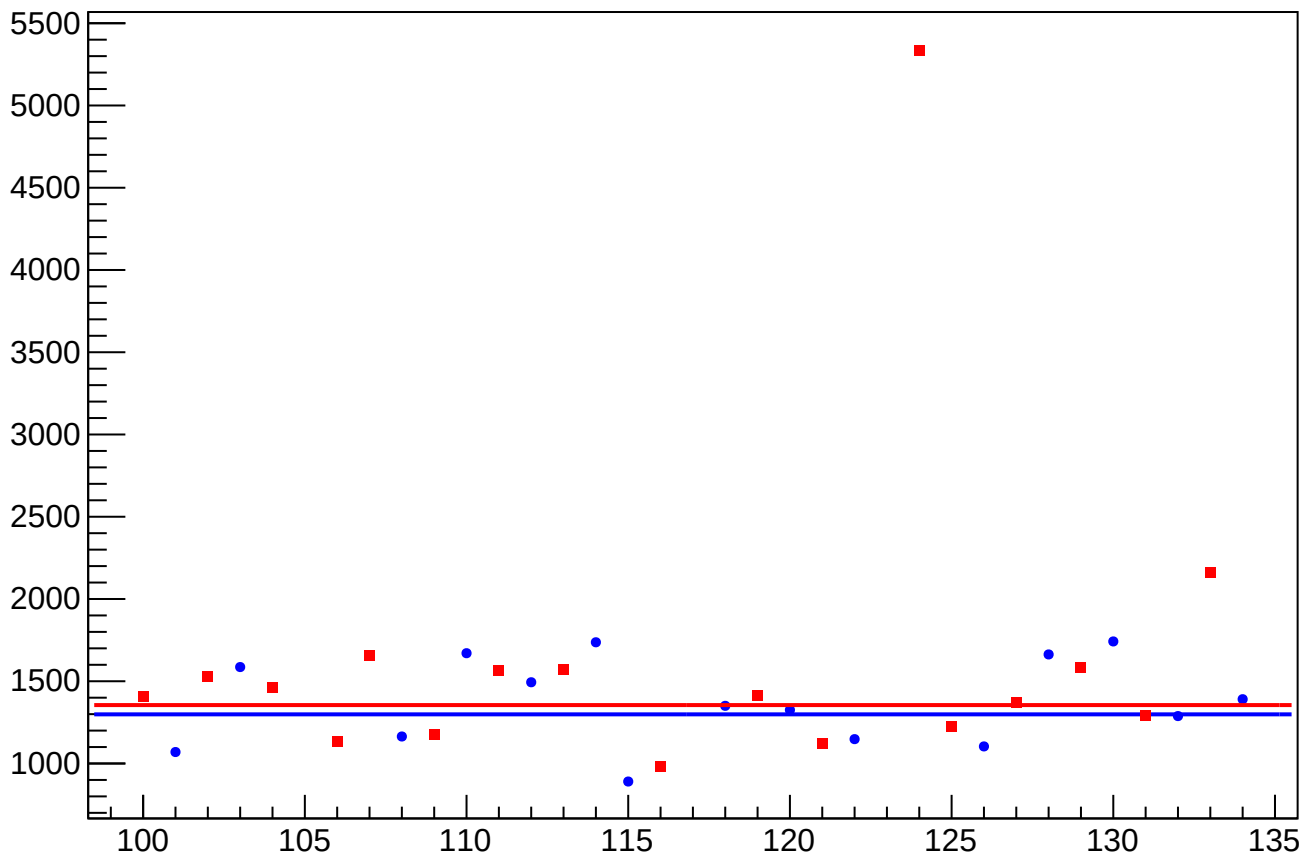
Right: -391.748+/-375.397 χ^2/NDF : 33.4/31

In: 292.277+/-526.449 χ^2/NDF :15.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -391.748+/-375.397 χ^2/NDF : 33.4/31

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1298.757+/-0.372 χ^2/NDF : 396730.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.120+/-0.379 χ^2/NDF : 556398.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

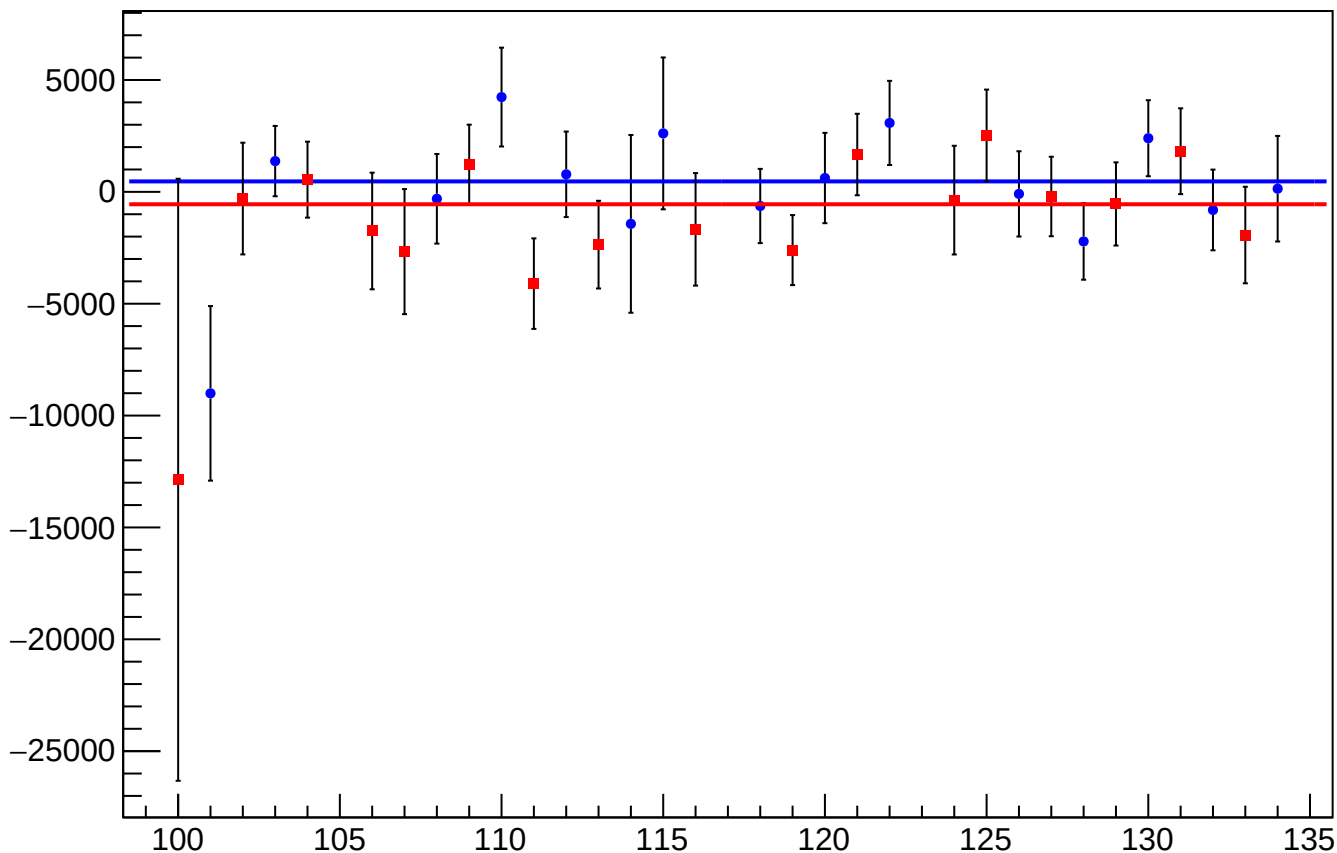
Right: 1326.461+/-0.265 χ^2/NDF : 964396.3/31

In: 1298.757+/-0.372 χ^2/NDF : 396730.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.461+/-0.265 χ^2/NDF : 964396.3/31

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 467.434+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -554.398+/-501.845 χ^2/NDF : 14.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

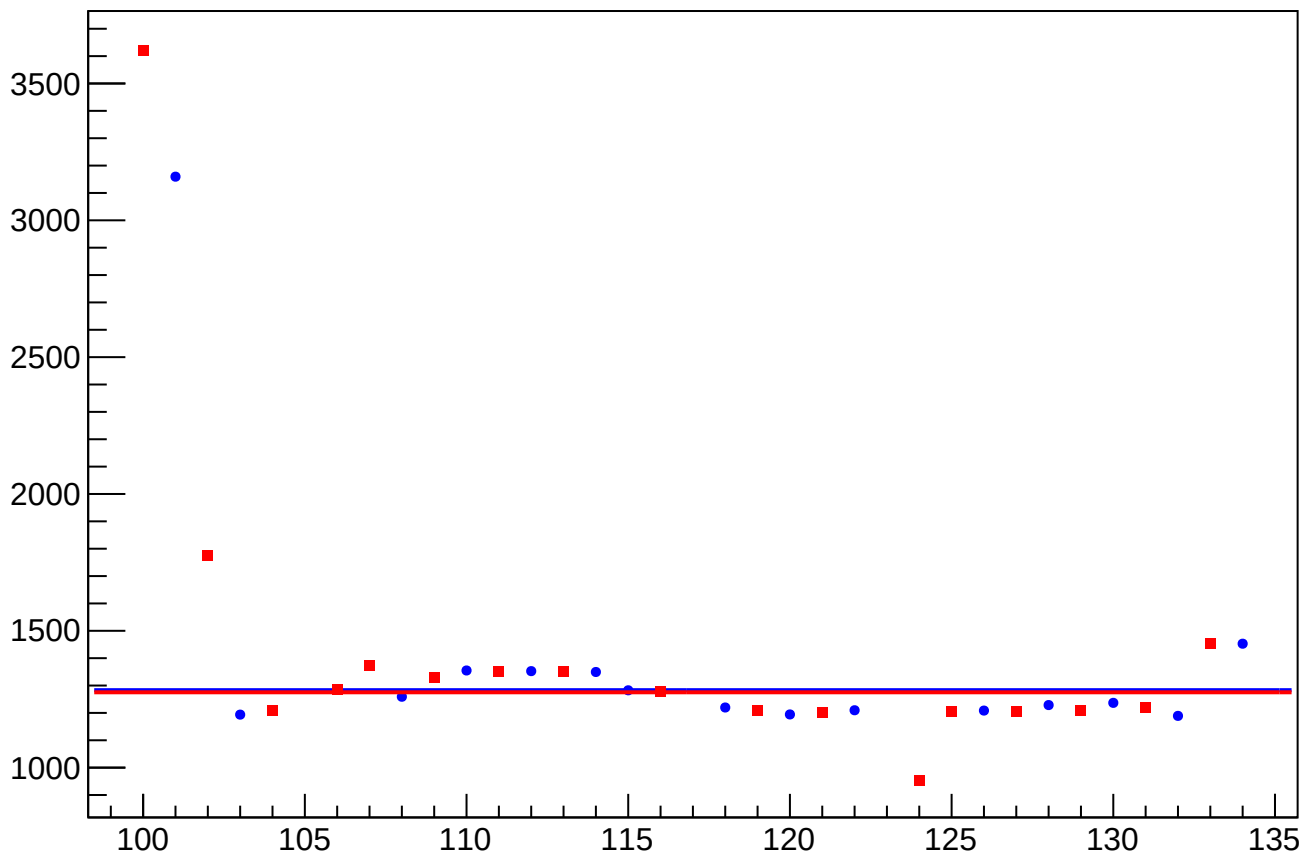
Right: -62.177+/-361.292 χ^2/NDF : 33.2/31

In: 467.434+/-520.557 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.177+/-361.292 χ^2/NDF : 33.2/31

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1283.086+/-0.368 χ^2/NDF : 506911.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.340+/-0.355 χ^2/NDF : 220135.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

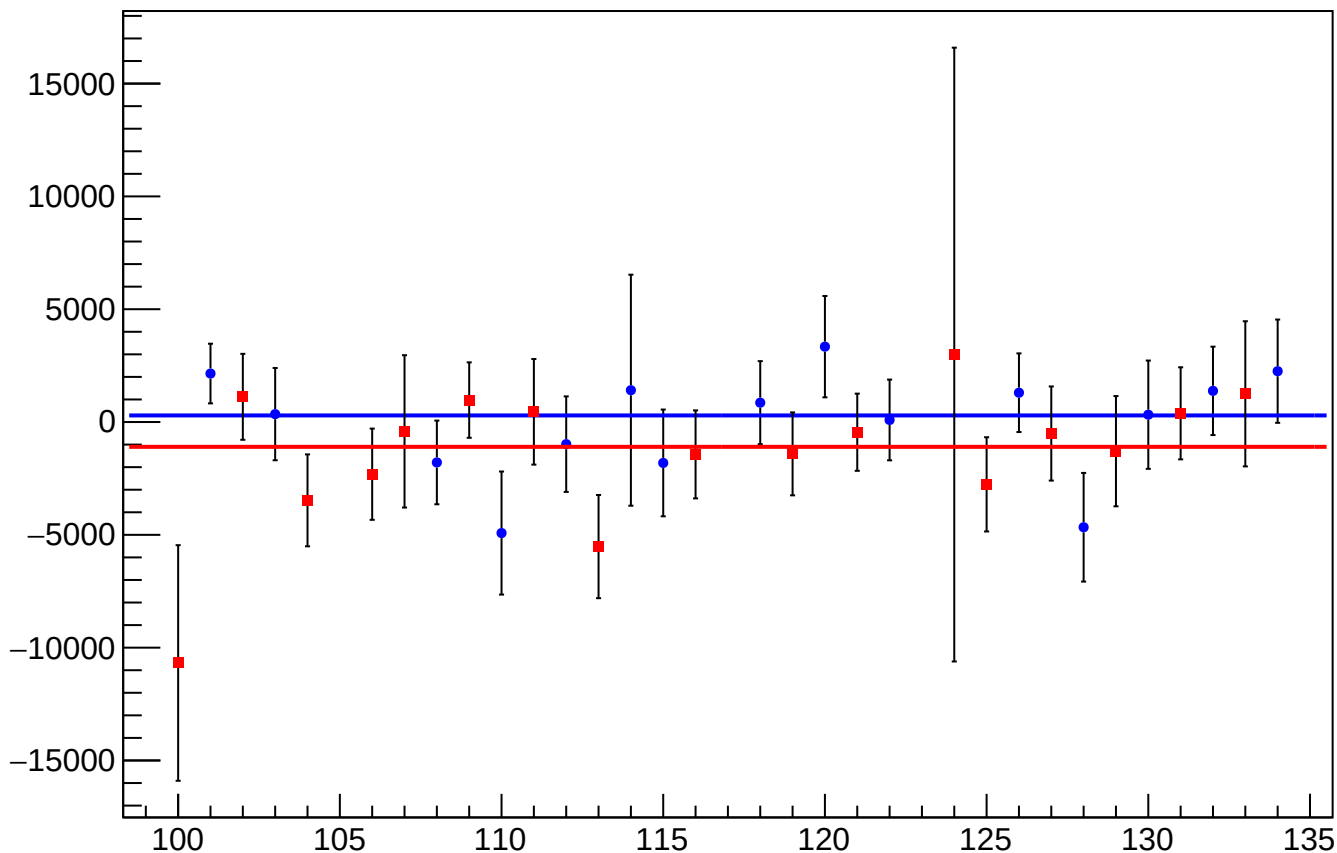
Right: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

In: 1283.086+/-0.368 χ^2/NDF : 506911.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.276+/-526.447 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1099.360+/-535.448 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

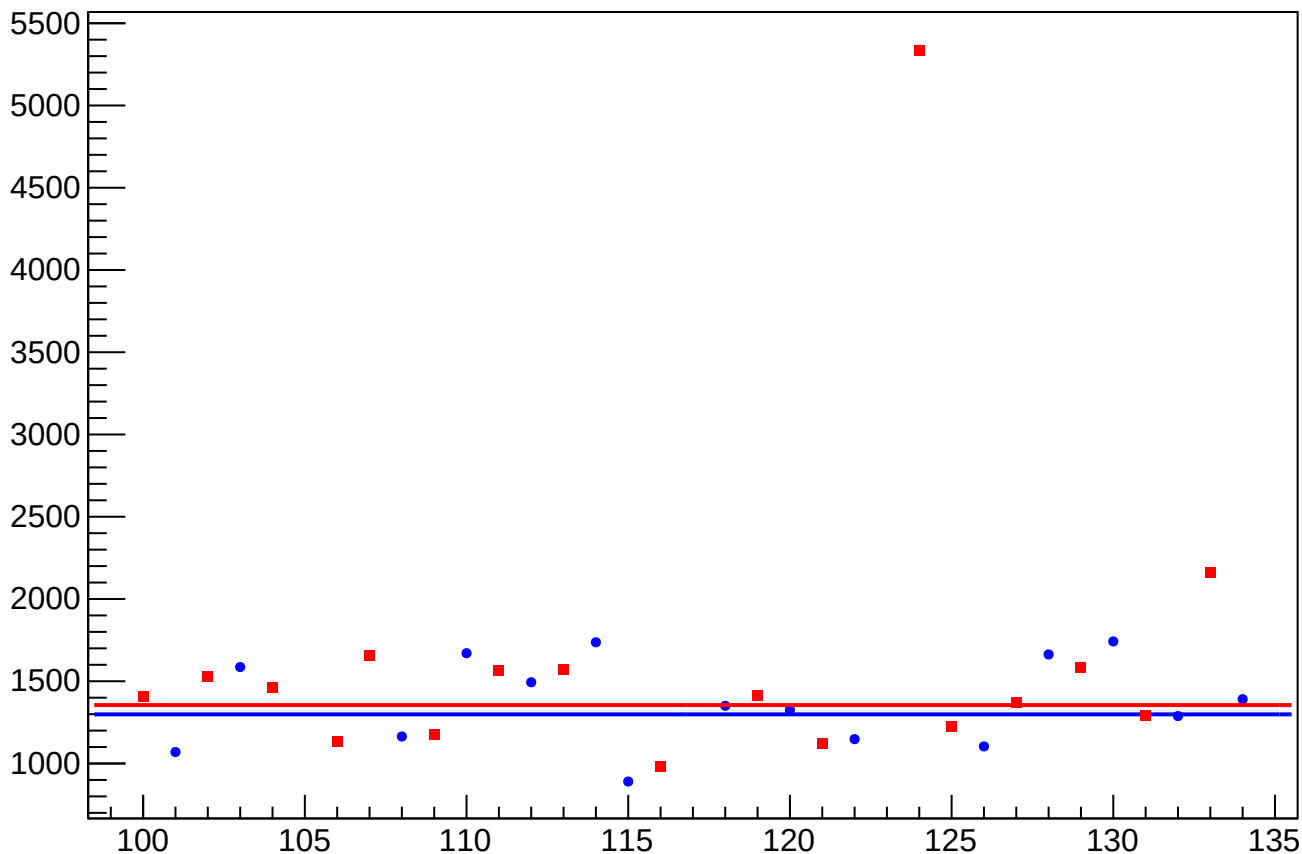
Right: -391.747+/-375.396 χ^2/NDF : 33.4/31

In: 292.276+/-526.447 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.747+/-375.396 χ^2/NDF : 33.4/31

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1298.753+/-0.372 χ^2/NDF : 396735.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.119+/-0.379 χ^2/NDF : 556398.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

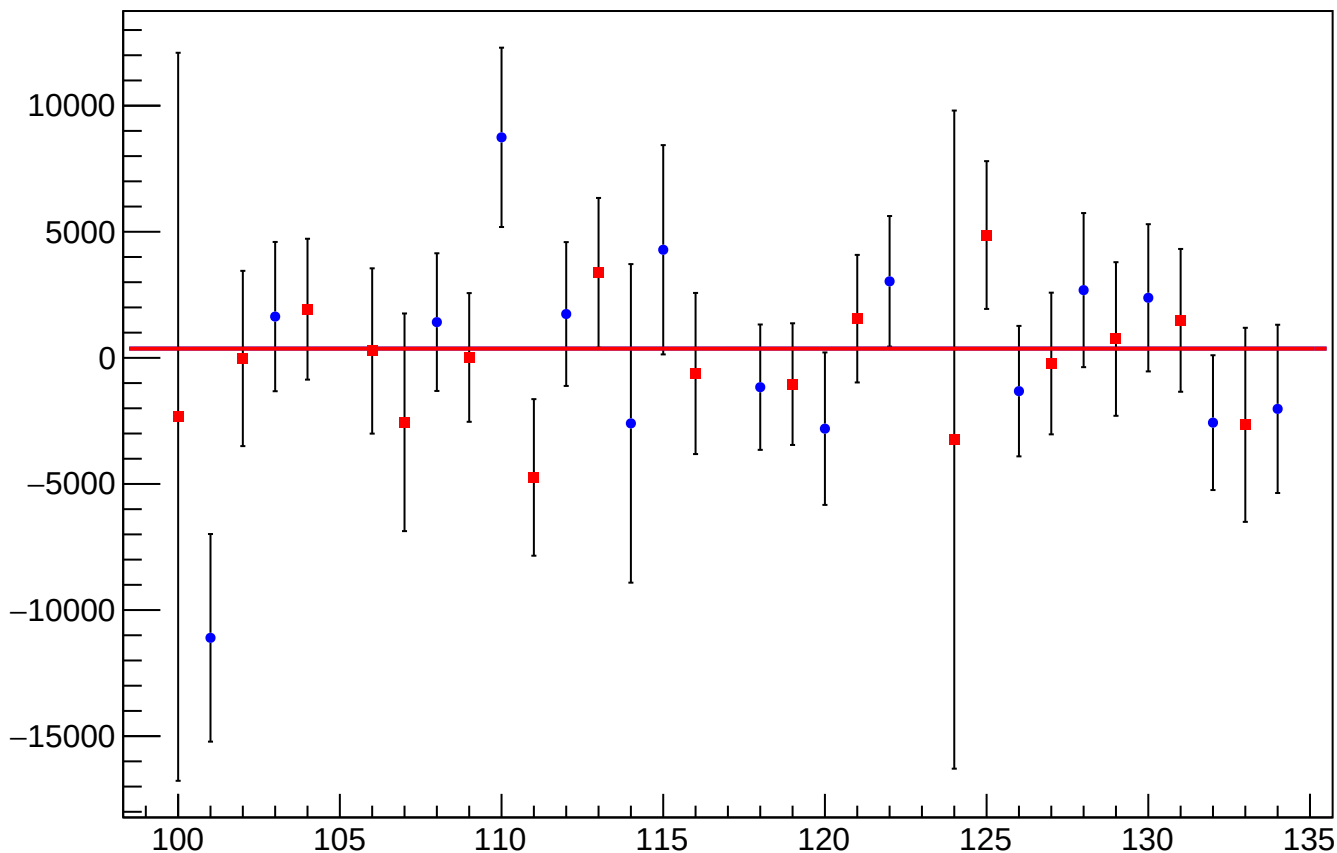
Right: 1326.458+/-0.265 χ^2/NDF : 964403.2/31

In: 1298.753+/-0.372 χ^2/NDF : 396735.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.458+/-0.265 χ^2/NDF : 964403.2/31

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 369.542 $\pm$ 786.441 χ^2 /NDF: 20.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 365.785 $\pm$ 765.056 χ^2 /NDF: 8.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

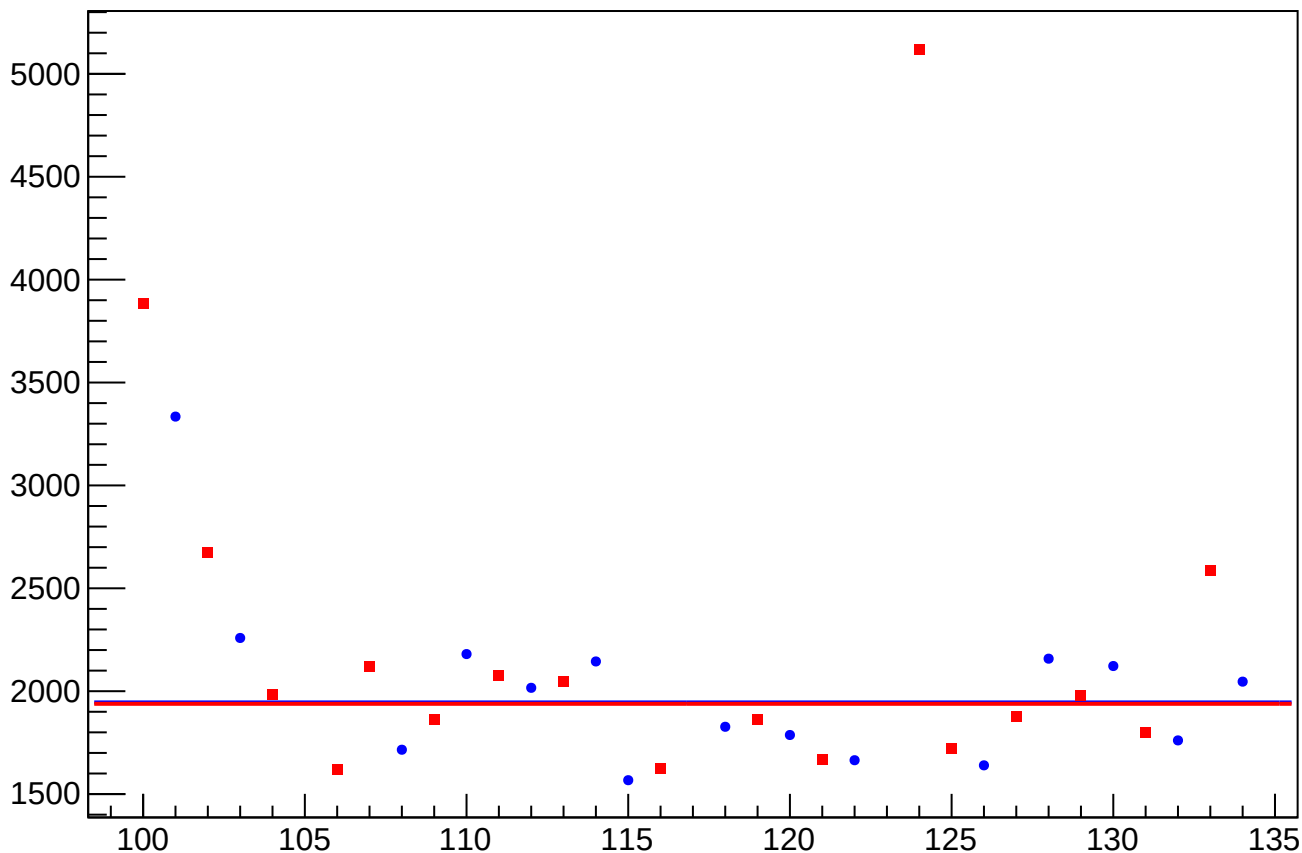
Right: 367.612 $\pm$ 548.381 χ^2 /NDF: 29.2/31

In: 369.542 $\pm$ 786.441 χ^2 /NDF:20.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 367.612 $\pm$ 548.381 χ^2 /NDF: 29.2/31

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1945.410+/-0.556 χ^2/NDF : 382775.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1938.744+/-0.541 χ^2/NDF : 394697.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

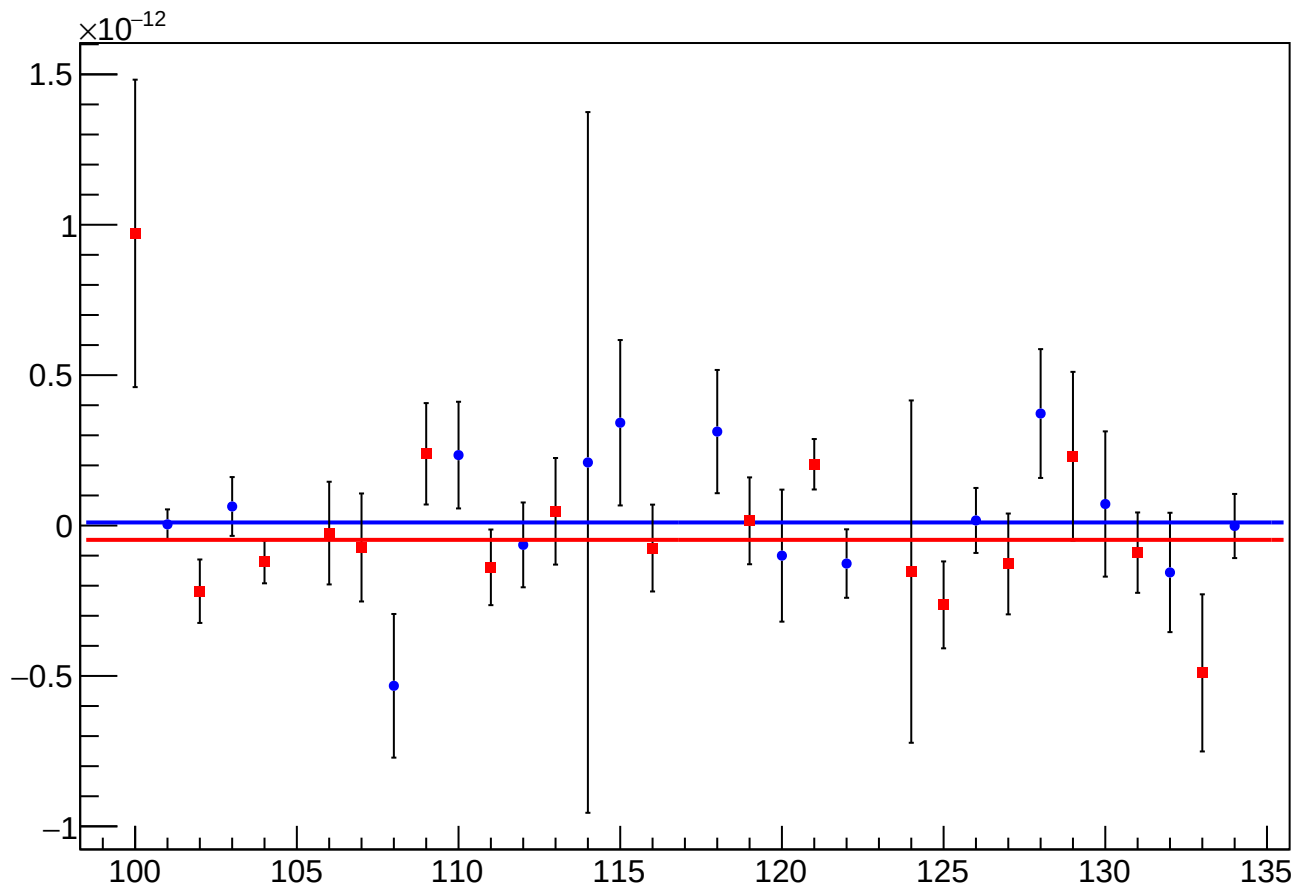
Right: 1941.985+/-0.388 χ^2/NDF : 777546.6/31

In: 1945.410+/-0.556 χ^2/NDF : 382775.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.985+/-0.388 χ^2/NDF : 777546.6/31

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 27.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

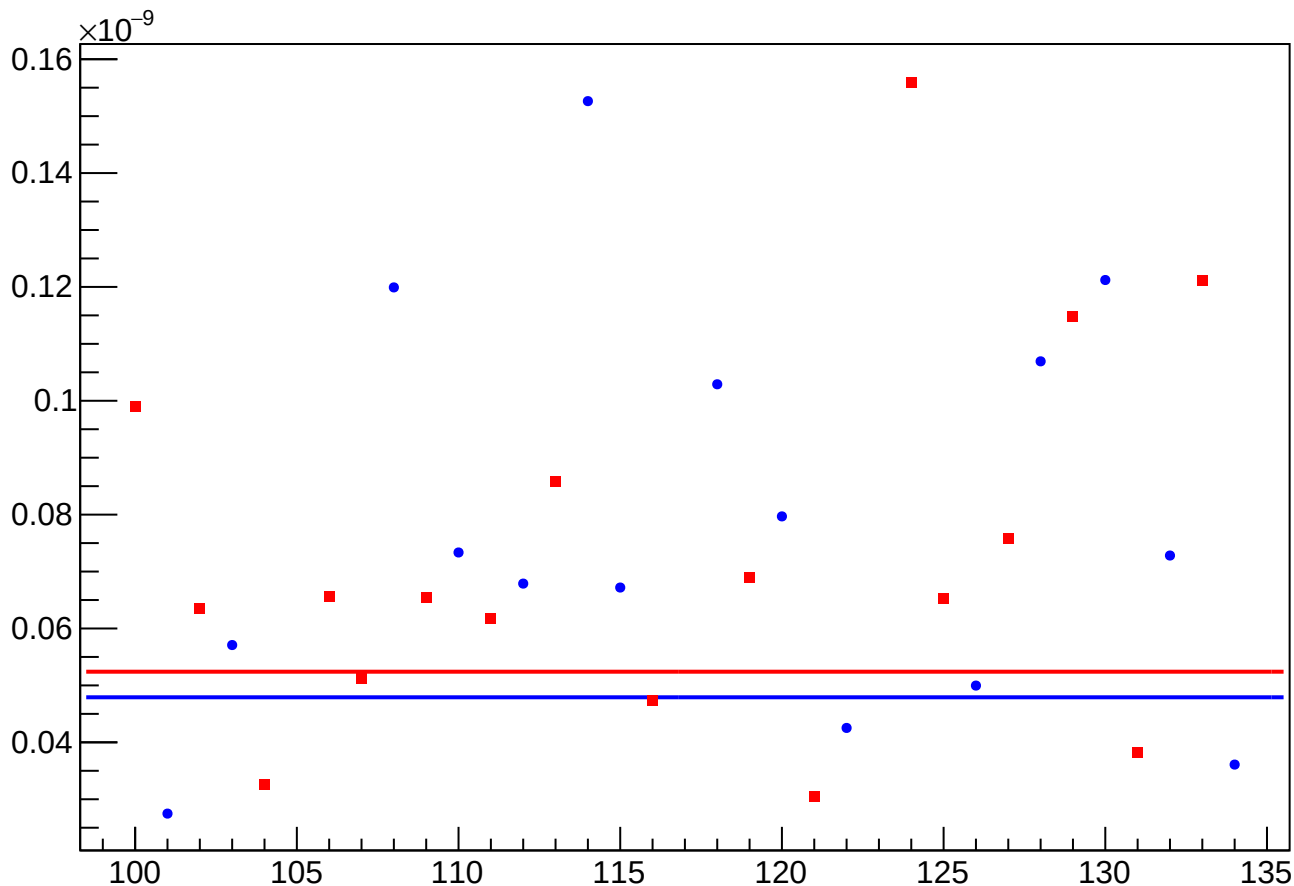
Right: -0.000+/-0.000 χ^2/NDF : 45.0/31

In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 45.0/31

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1226740.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 844884.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

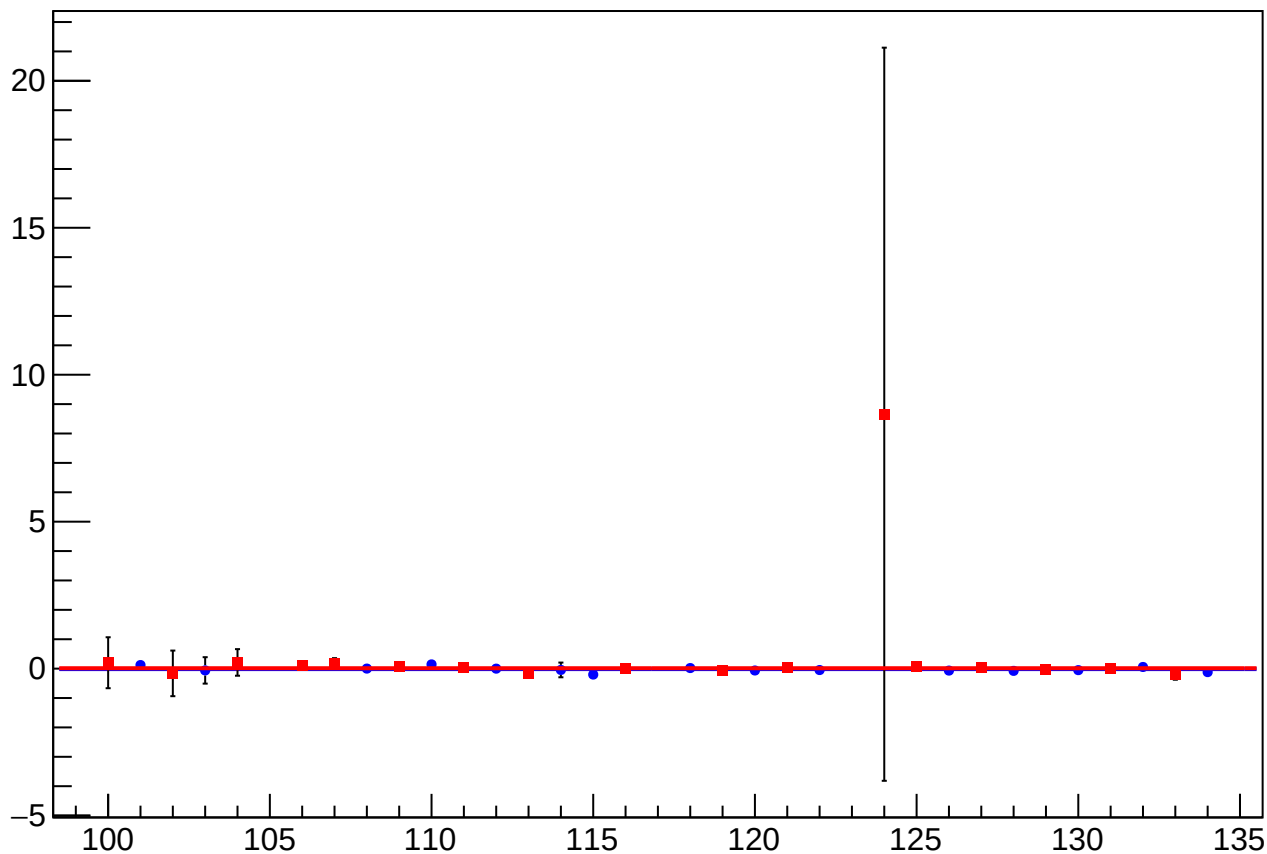
Right: 0.000+/-0.000 χ^2/NDF : 2090533.9/31

In: 0.000+/-0.000 χ^2/NDF : 1226740.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2090533.9/31

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

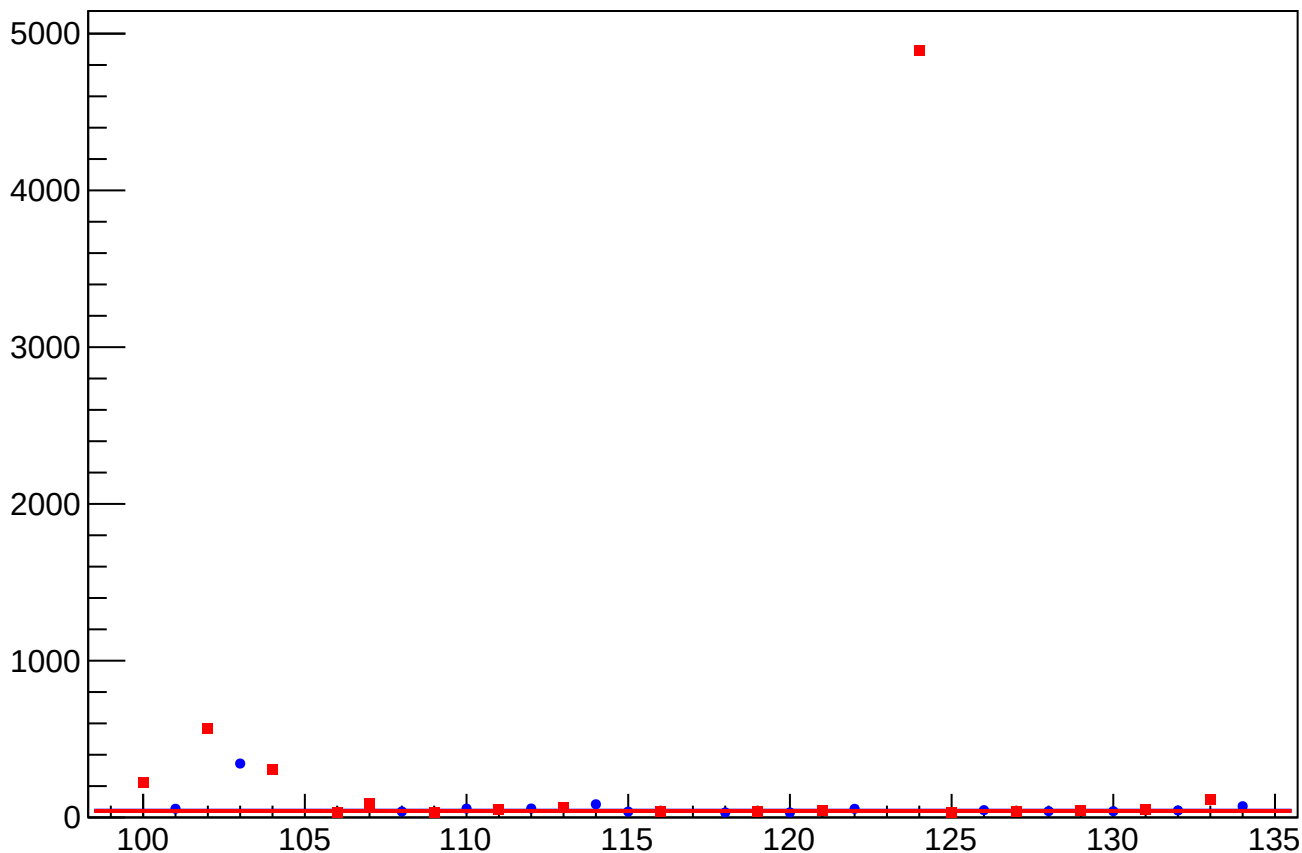
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

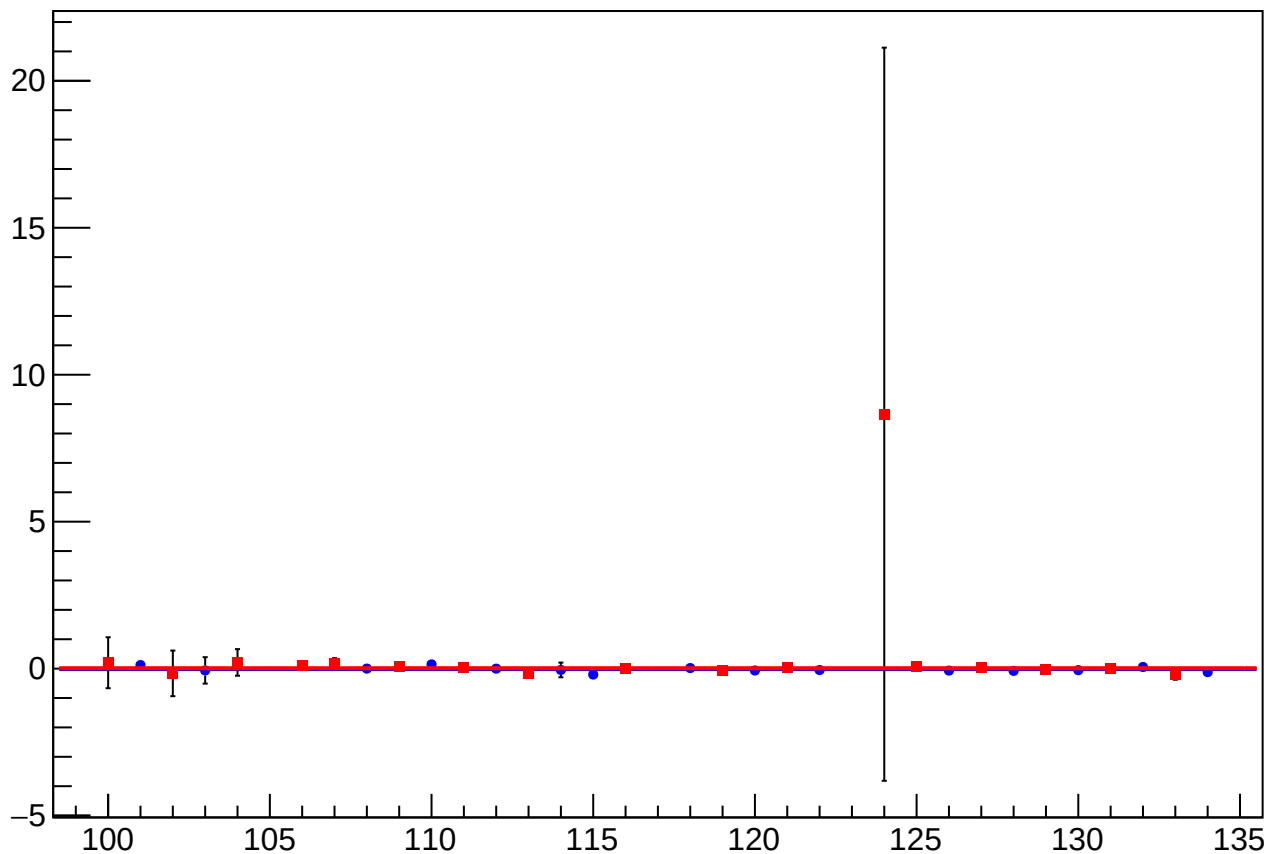
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

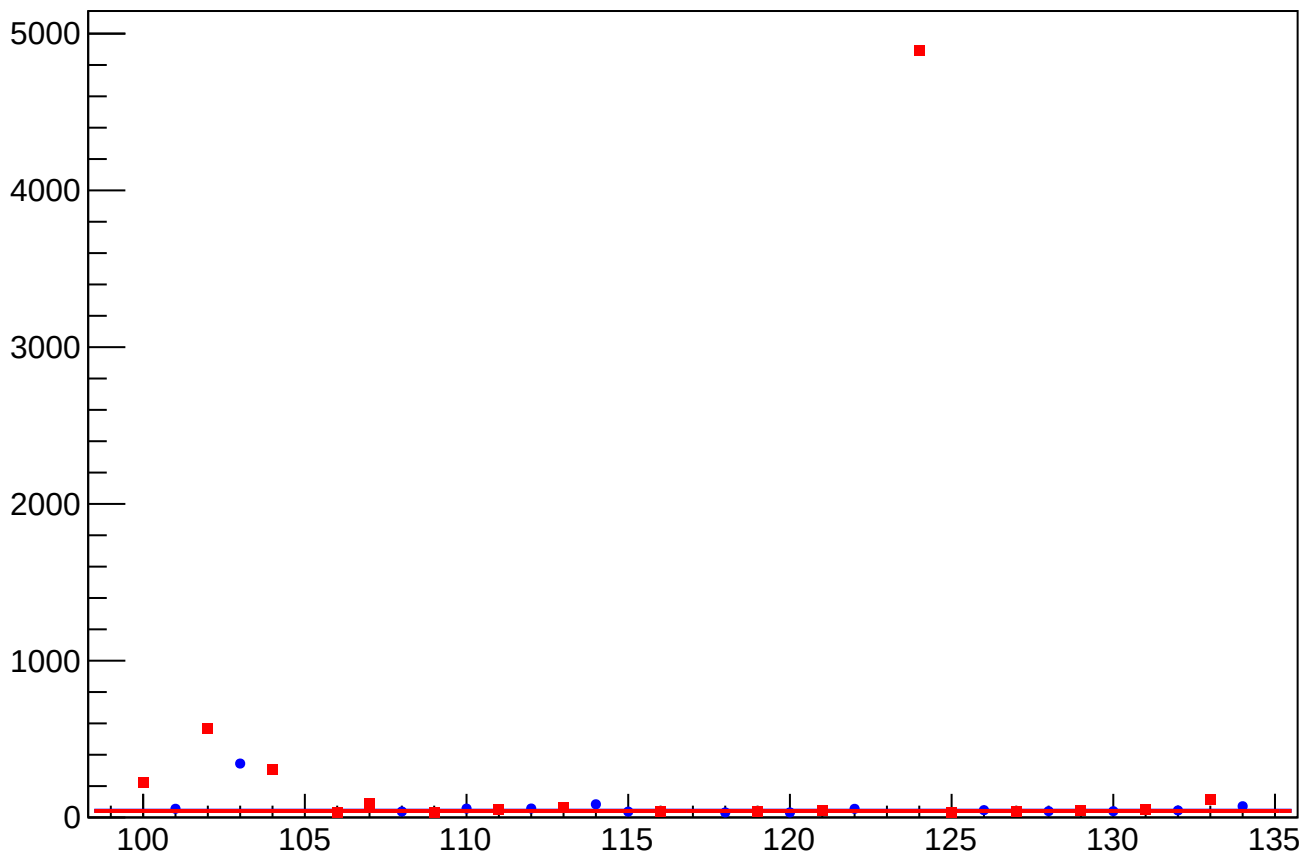
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466685.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.239 $\pm$ 0.014 χ^2 /NDF: 2799445.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

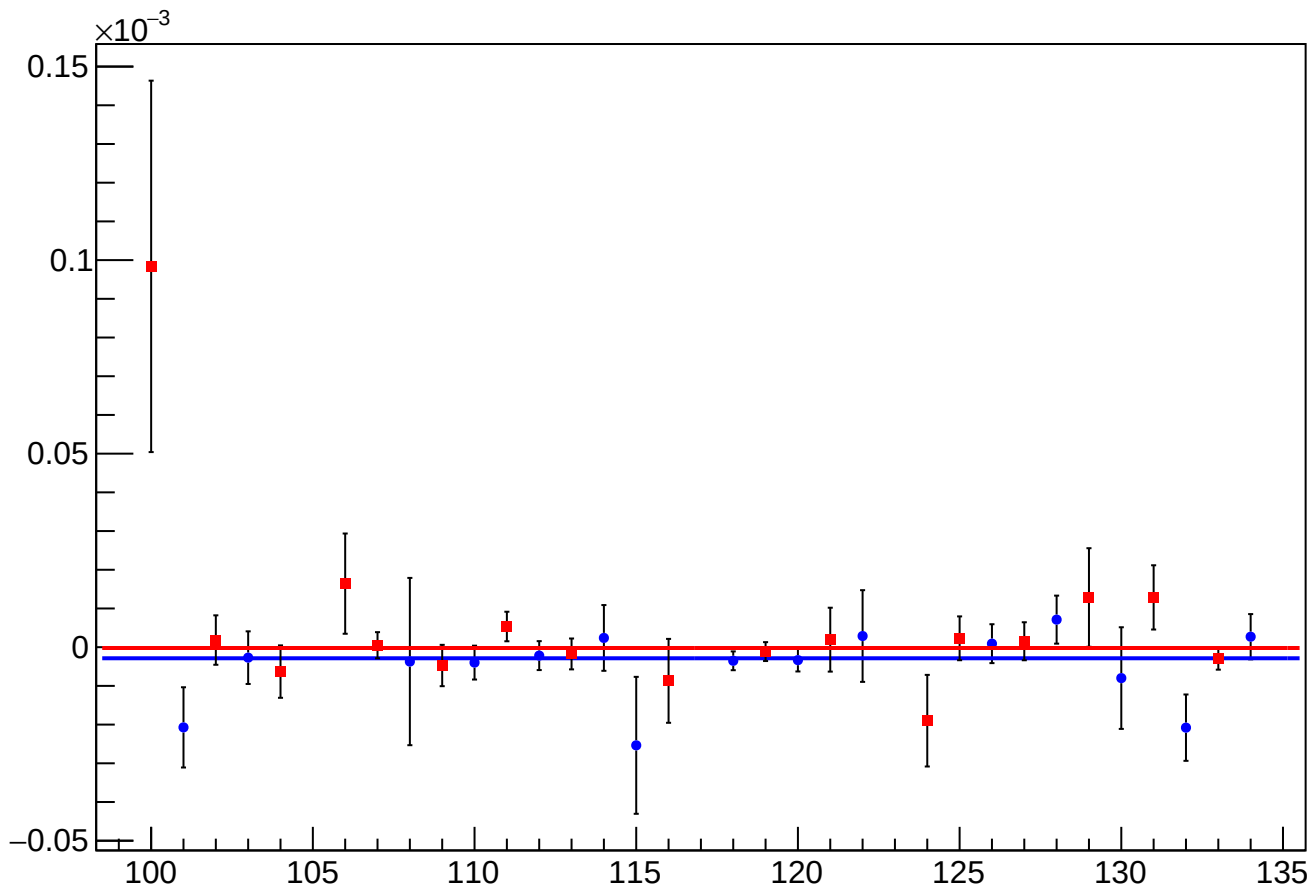
Right: 42.129 $\pm$ 0.010 χ^2 /NDF: 4274447.3/31

In: 43.012 $\pm$ 0.014 χ^2 /NDF:1466685.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.129 $\pm$ 0.010 χ^2 /NDF: 4274447.3/31

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 : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

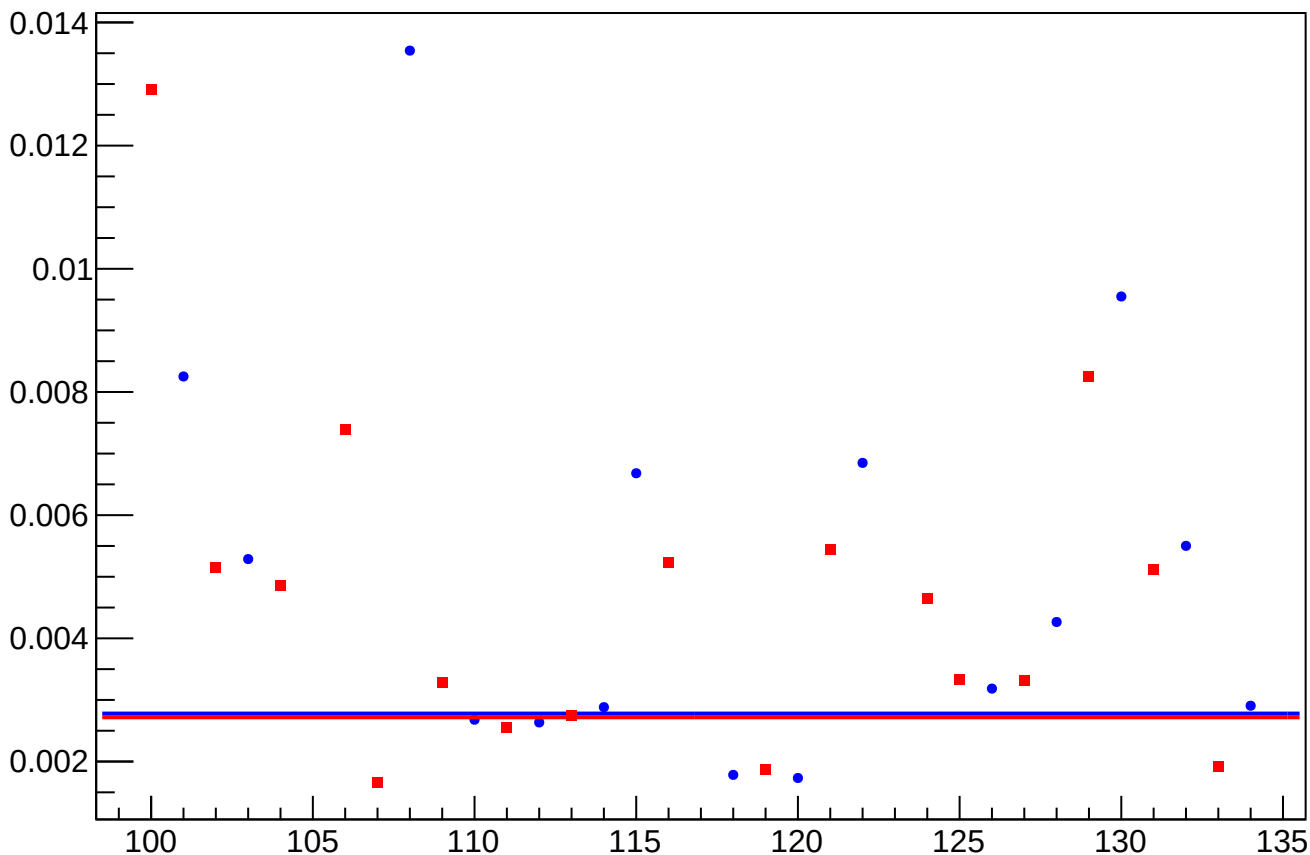
Right: -0.000+/-0.000 χ^2/NDF : 34.2/31

In: -0.000+/-0.000 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/31

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3116967.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2442211.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

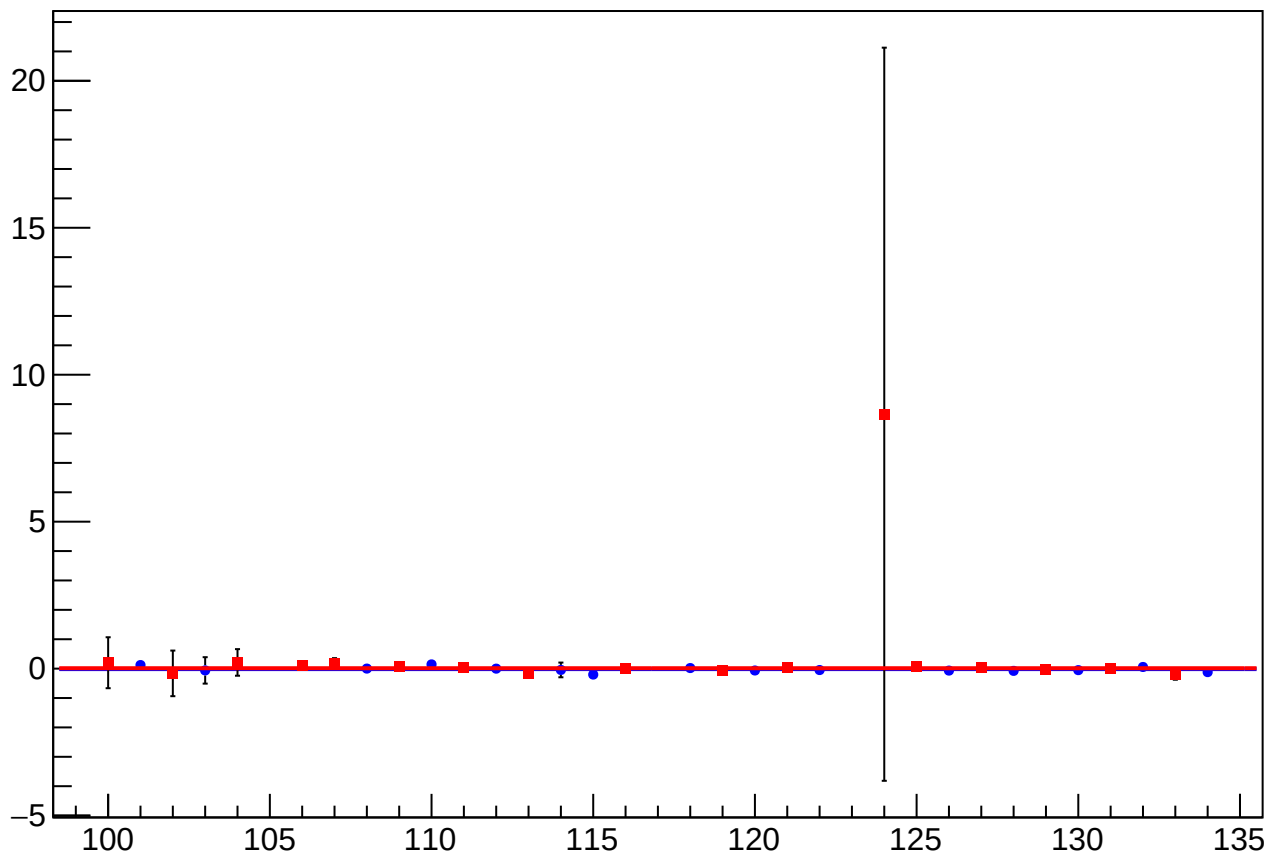
Right: 0.003+/-0.000 χ^2/NDF : 5561533.5/31

In: 0.003+/-0.000 χ^2/NDF :3116967.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5561533.5/31

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

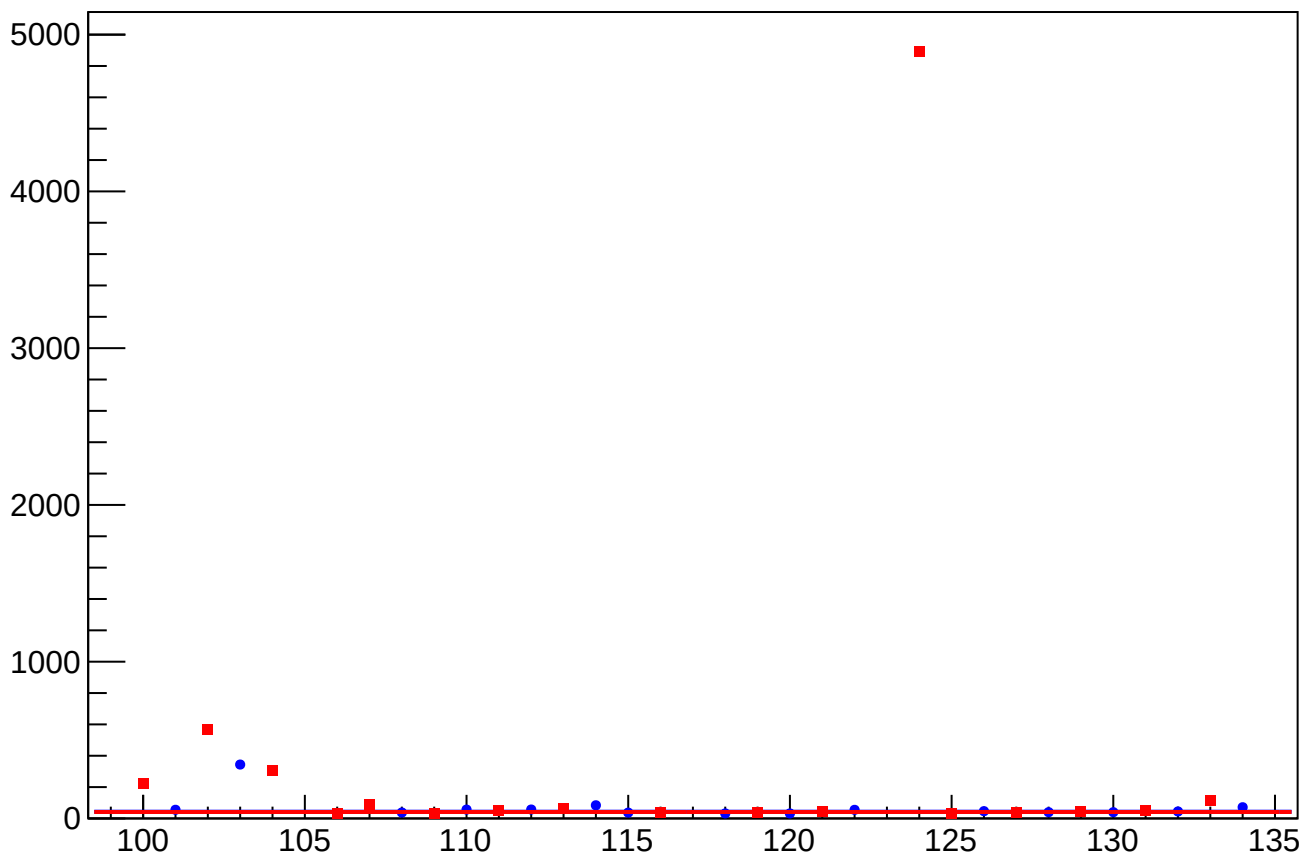
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.012+/-0.014 χ^2/NDF : 1466691.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.238+/-0.014 χ^2/NDF : 2799499.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

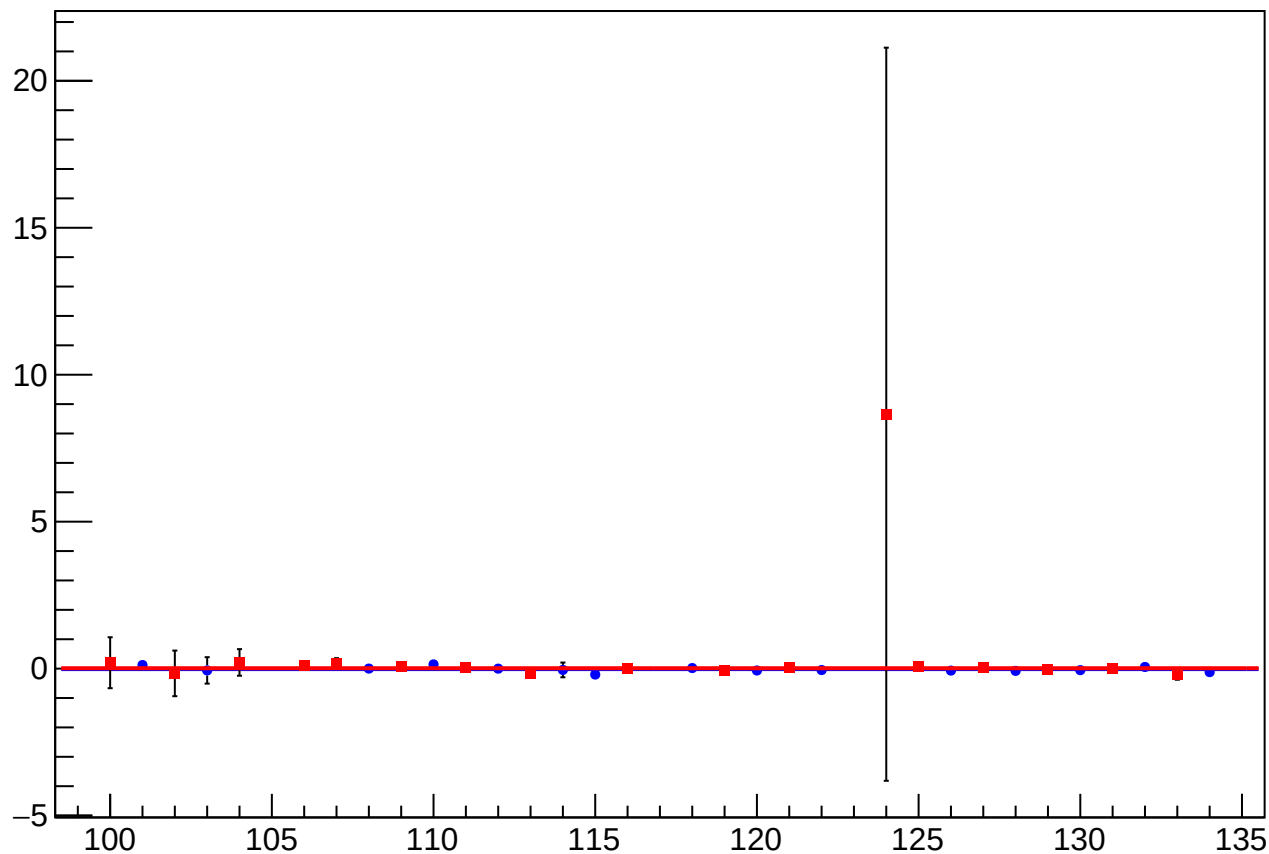
Right: 42.128+/-0.010 χ^2/NDF : 4274516.6/31

In: 43.012+/-0.014 χ^2/NDF : 1466691.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.128+/-0.010 χ^2/NDF : 4274516.6/31

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.019 χ^2/NDF : 12.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

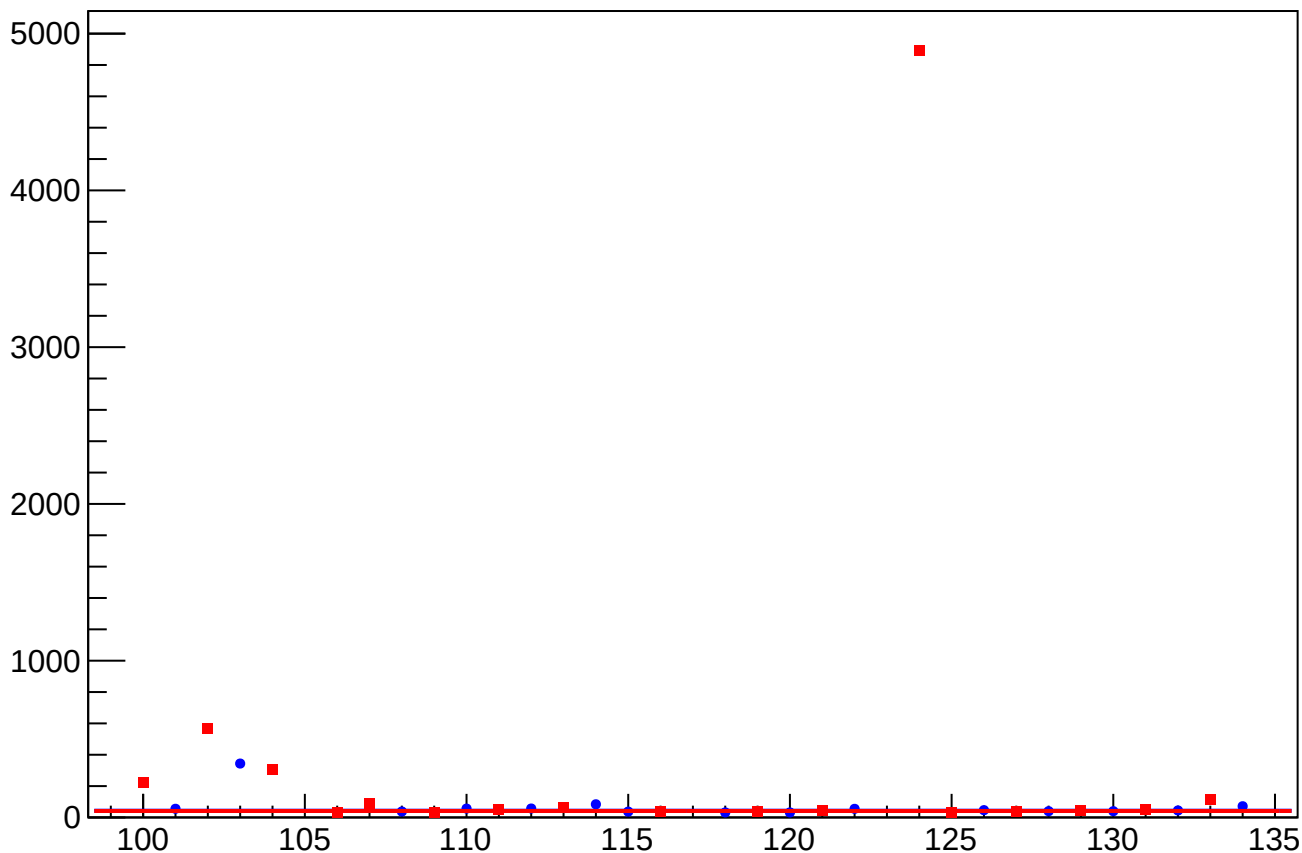
Right: -0.001 ± 0.014 χ^2/NDF : 28.0/31

In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 28.0/31

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466691.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.238 $\pm$ 0.014 χ^2 /NDF: 2799499.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

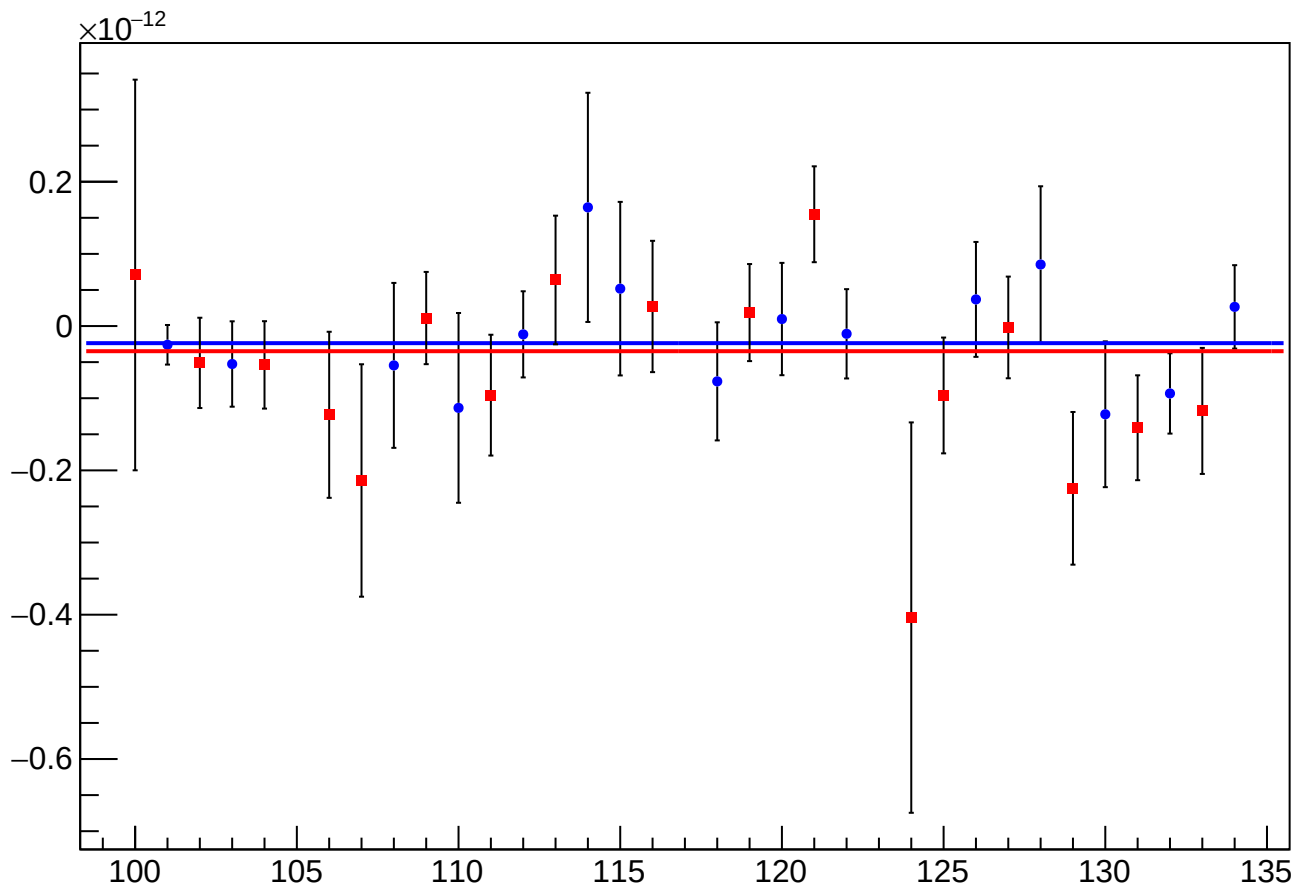
Right: 42.128 $\pm$ 0.010 χ^2 /NDF: 4274516.6/31

In: 43.012 $\pm$ 0.014 χ^2 /NDF:1466691.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.128 $\pm$ 0.010 χ^2 /NDF: 4274516.6/31

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: 8.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 22.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

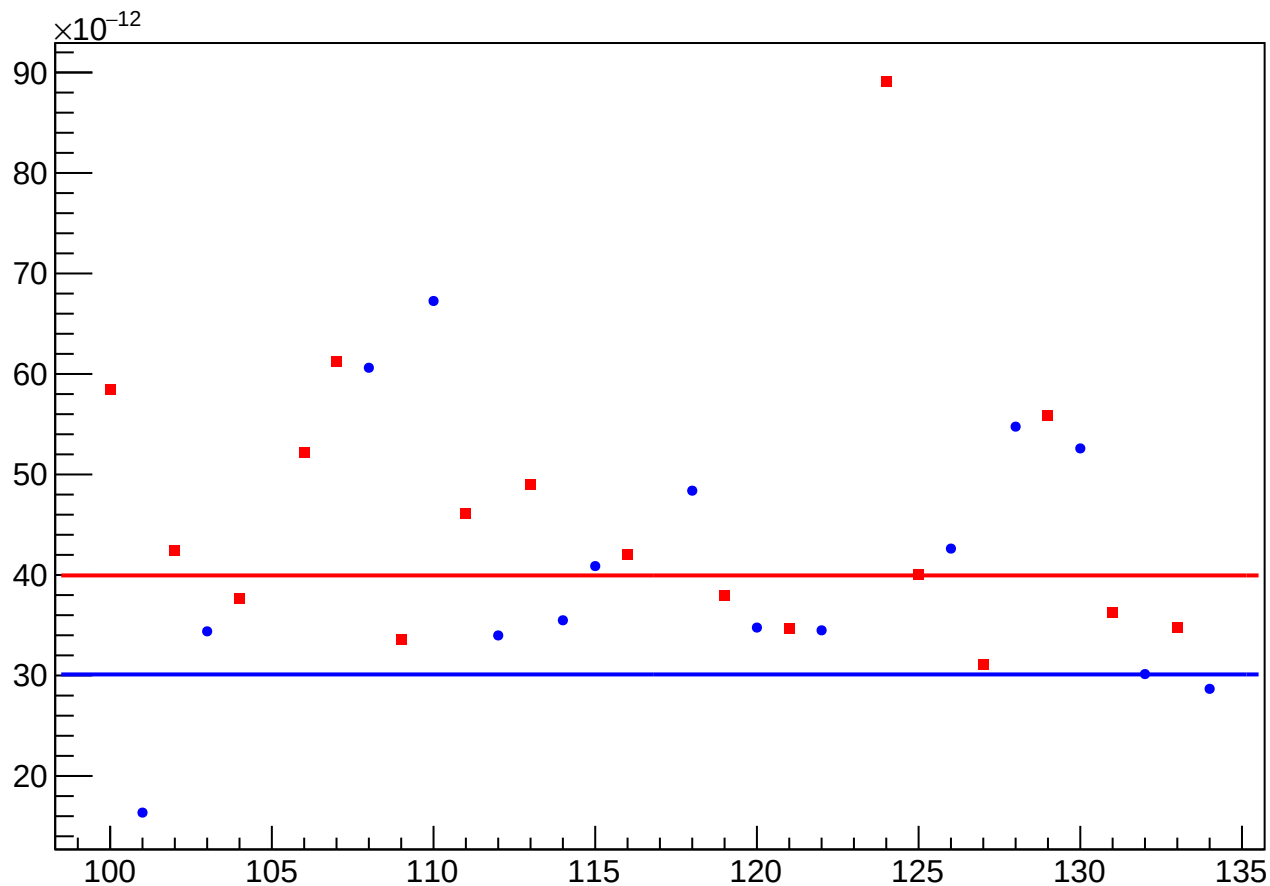
Right: -0.000+/-0.000 χ^2 /NDF: 30.9/31

In: -0.000+/-0.000 χ^2 /NDF:8.1/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.9/31

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 : 1212034.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 294973.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

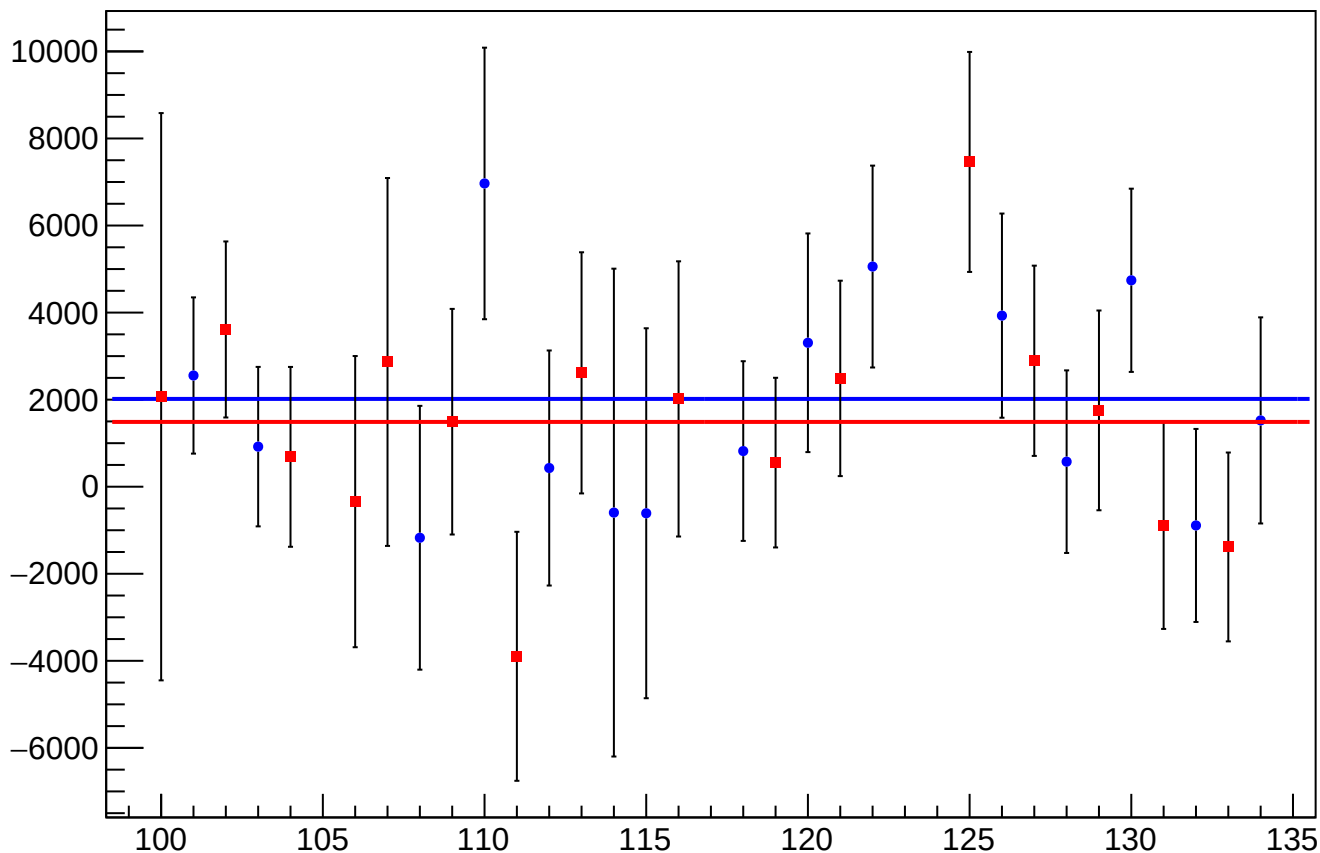
Right: 0.000+/-0.000 χ^2/NDF : 1797004.6/31

In: 0.000+/-0.000 χ^2/NDF : 1212034.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1797004.6/31

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2016.828+/-615.398 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1488.310+/-625.371 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

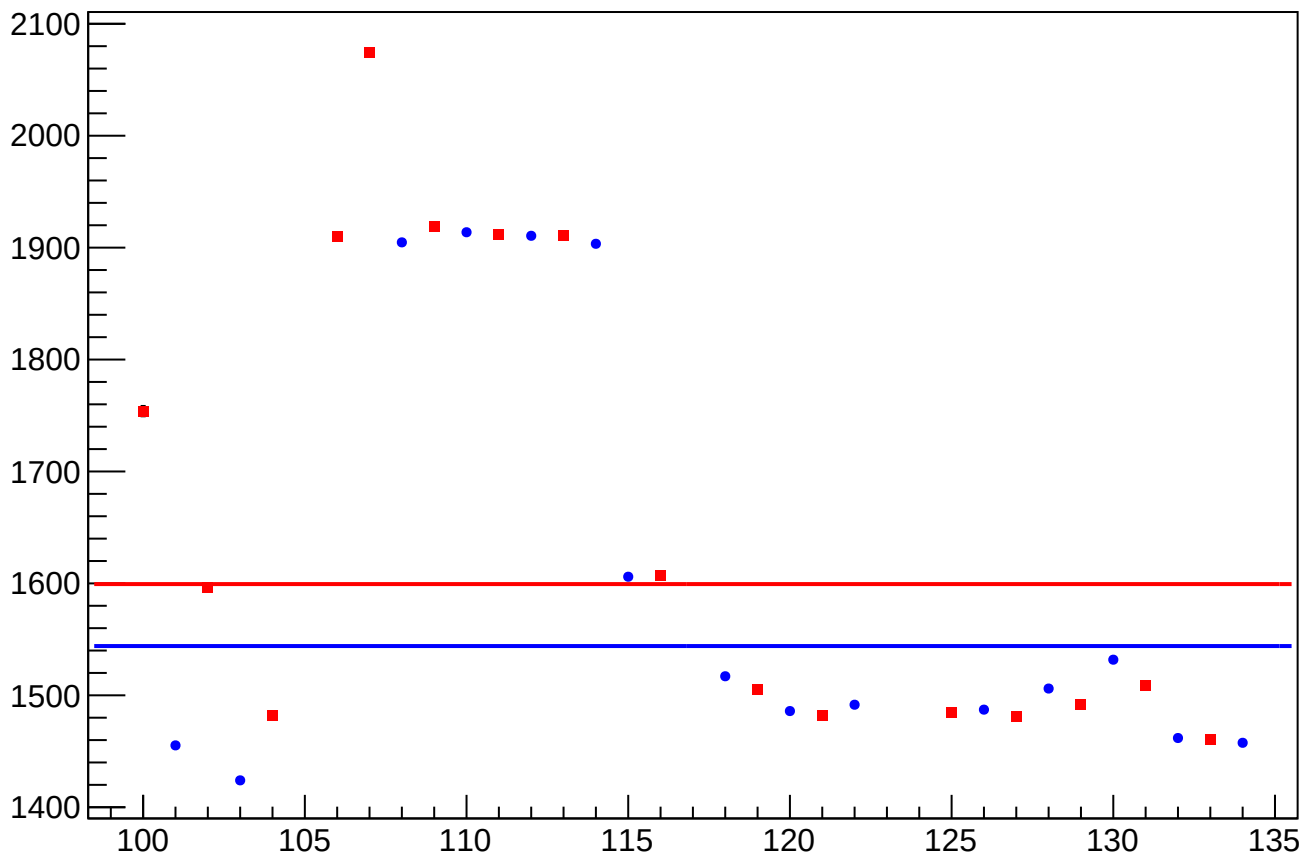
Right: 1756.817+/-438.636 χ^2/NDF : 26.9/30

In: 2016.828+/-615.398 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.817+/-438.636 χ^2/NDF : 26.9/30

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1544.019+/-0.435 χ^2/NDF : 125172.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.389+/-0.442 χ^2/NDF : 165356.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

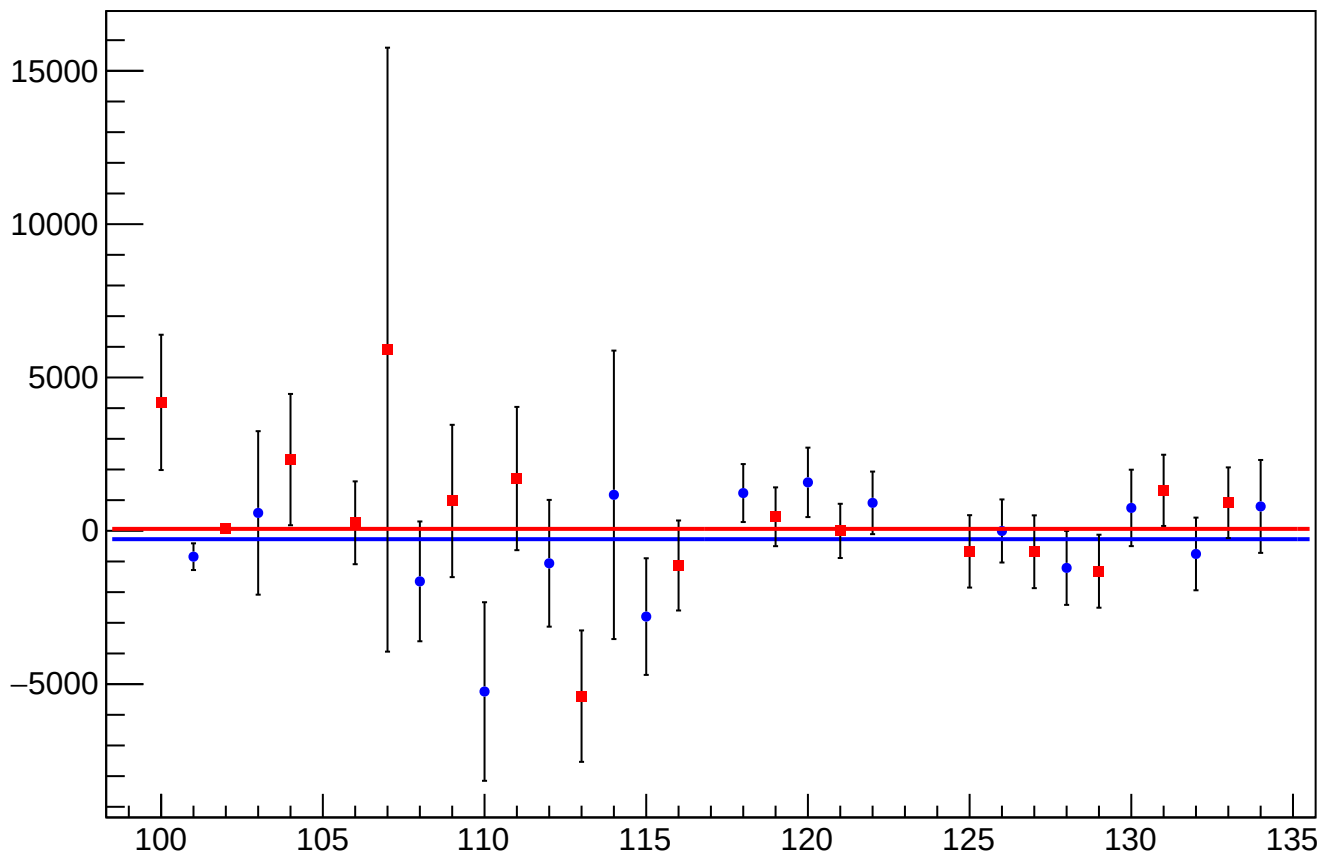
Right: 1571.259+/-0.310 χ^2/NDF : 298494.3/30

In: 1544.019+/-0.435 χ^2/NDF : 125172.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.259+/-0.310 χ^2/NDF : 298494.3/30

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -272.714 $\pm$ 281.309 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.086 $\pm$ 128.338 χ^2 /NDF: 16.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

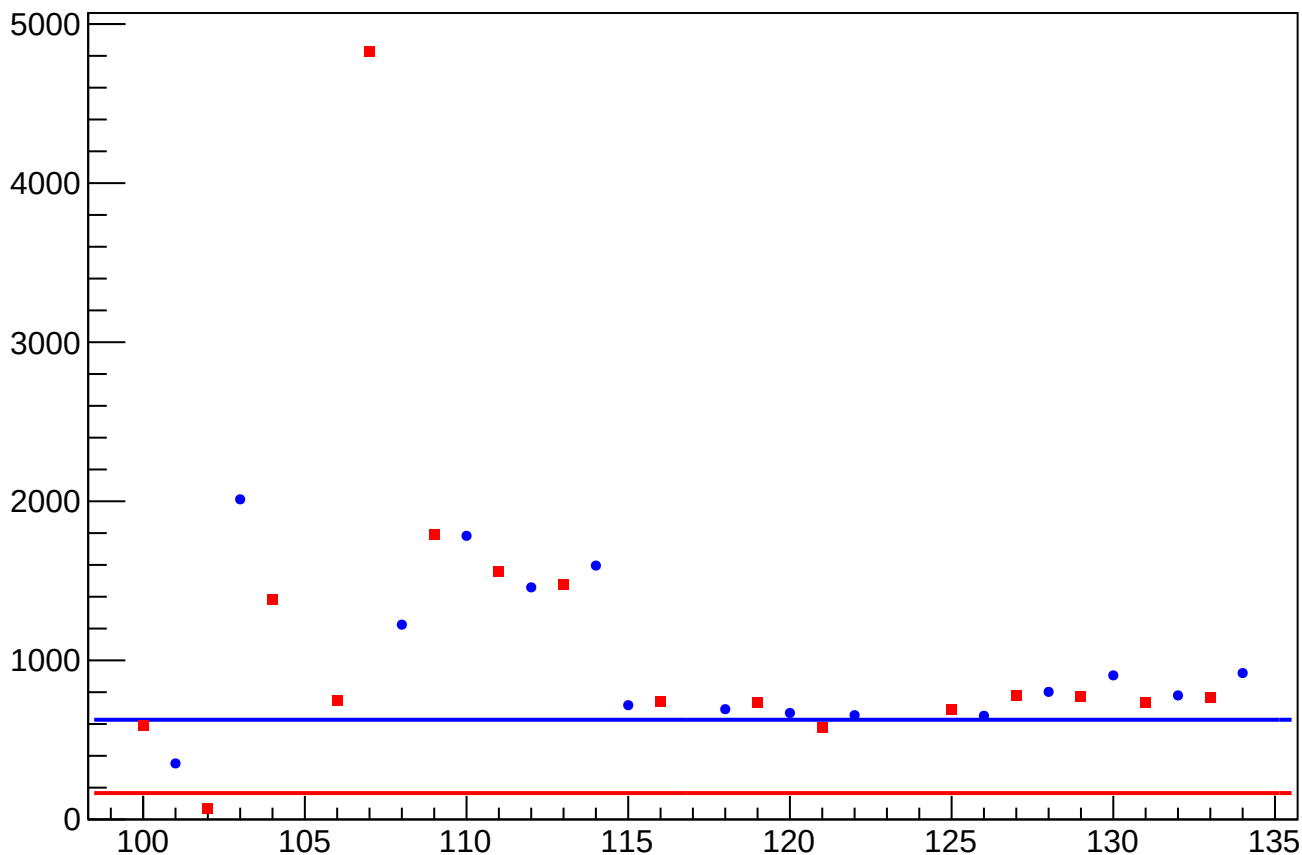
Right: 5.236 $\pm$ 116.761 χ^2 /NDF: 33.7/30

In: -272.714 $\pm$ 281.309 χ^2 /NDF: 15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.236 $\pm$ 116.761 χ^2 /NDF: 33.7/30

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 626.703+/-0.199 χ^2/NDF : 2518051.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.833+/-0.091 χ^2/NDF : 8753401.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

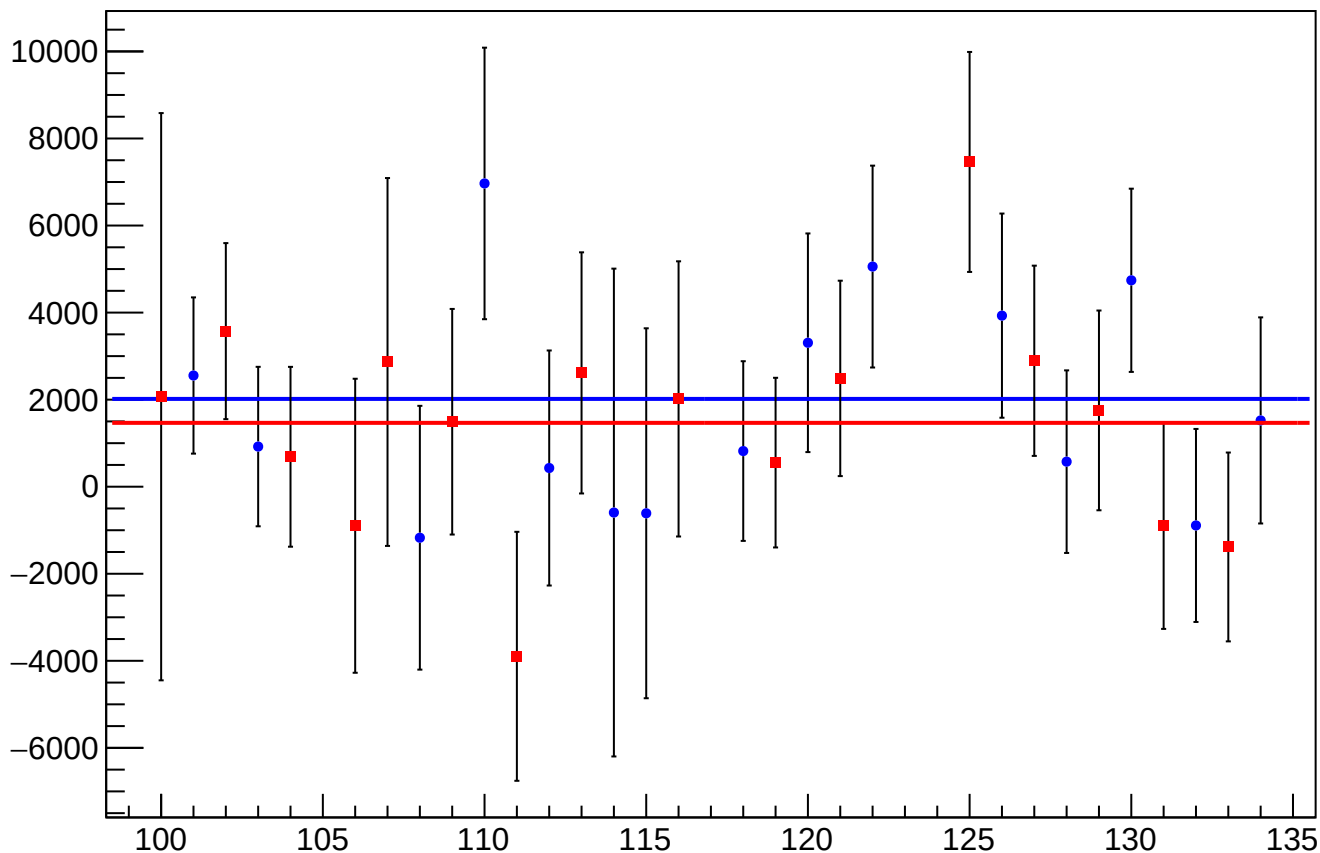
Right: 245.230+/-0.083 χ^2/NDF : 15714742.0/30

In: 626.703+/-0.199 χ^2/NDF : 2518051.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.230+/-0.083 χ^2/NDF : 15714742.0/30

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2016.965+/-615.399 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1466.775+/-625.588 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

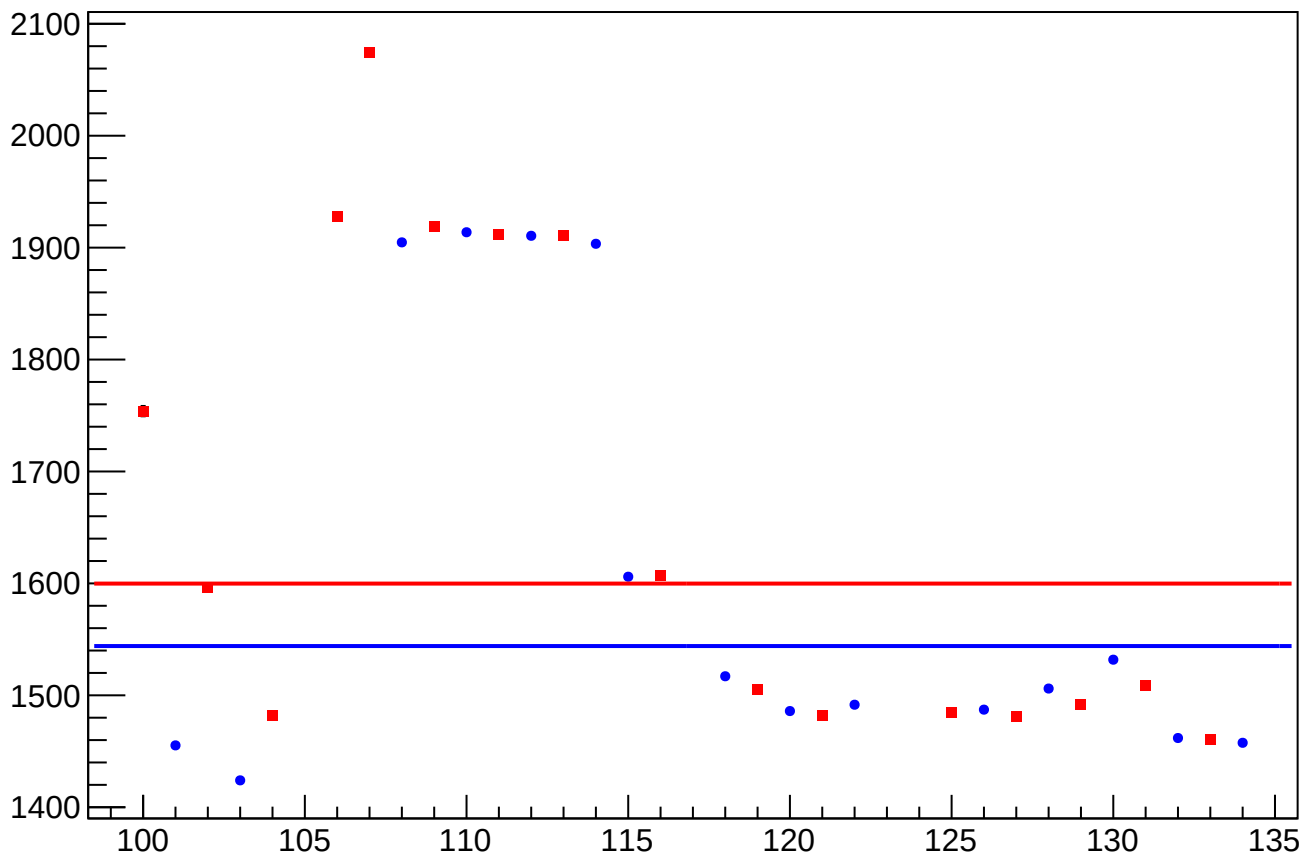
Right: 1746.387+/-438.710 χ^2/NDF : 27.1/30

In: 2016.965+/-615.399 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.387+/-438.710 χ^2/NDF : 27.1/30

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1544.019+/-0.435 χ^2/NDF : 125172.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.831+/-0.442 χ^2/NDF : 167081.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

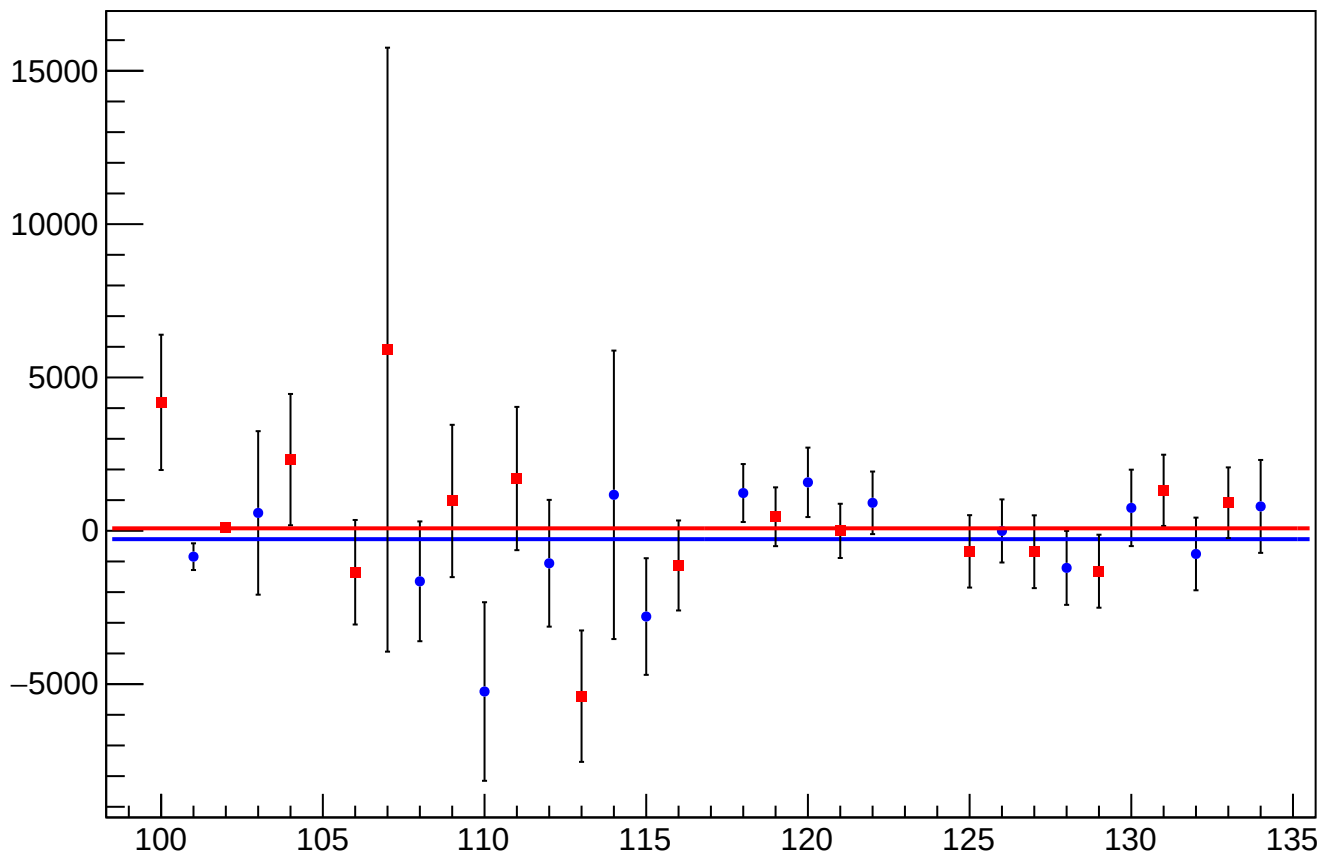
Right: 1571.467+/-0.310 χ^2/NDF : 300344.0/30

In: 1544.019+/-0.435 χ^2/NDF : 125172.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.467+/-0.310 χ^2/NDF : 300344.0/30

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -272.673+/-281.309 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.591+/-138.945 χ^2/NDF : 17.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

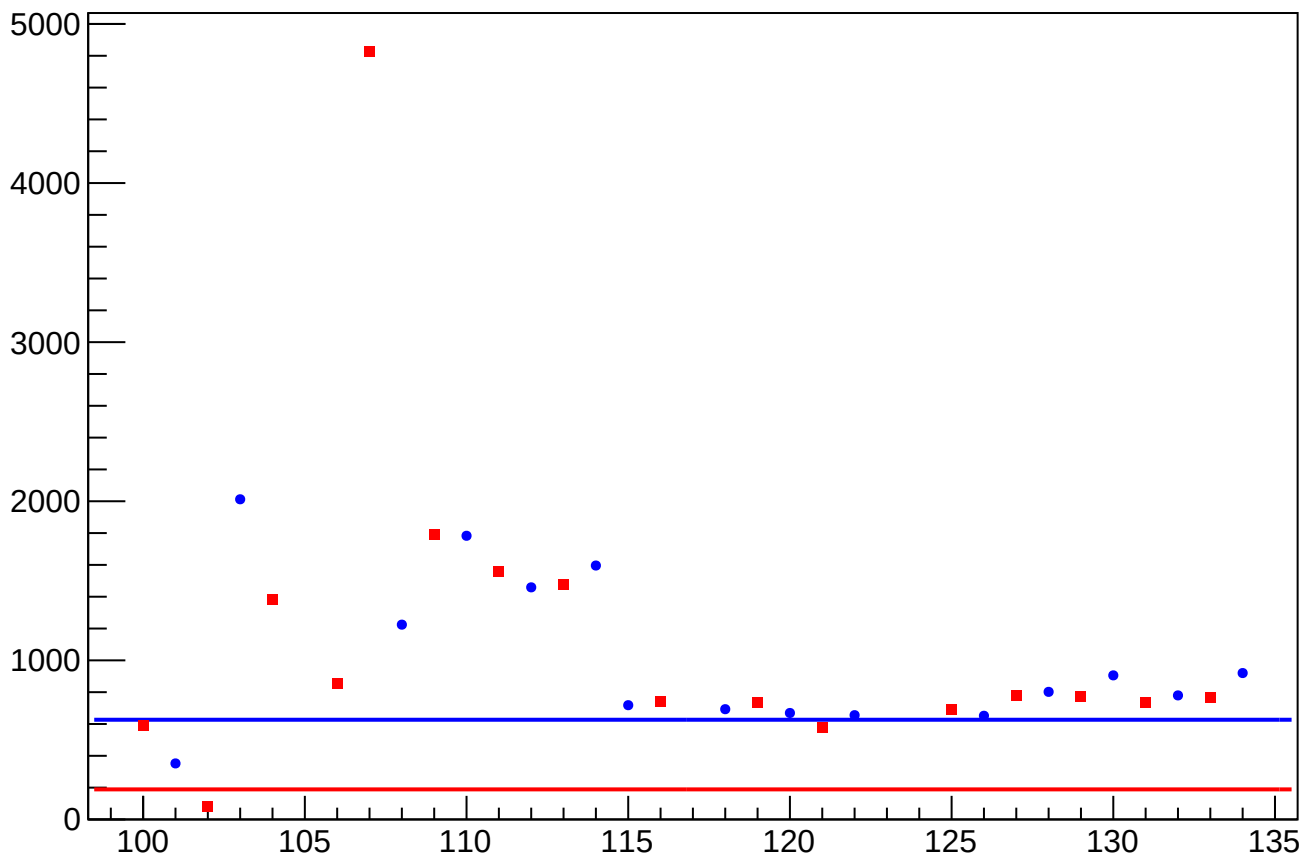
Right: 11.311+/-124.577 χ^2/NDF : 34.5/30

In: -272.673+/-281.309 χ^2/NDF : 15.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.311+/-124.577 χ^2/NDF : 34.5/30

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 626.701+/-0.199 χ^2/NDF : 2518080.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.005+/-0.098 χ^2/NDF : 8328963.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

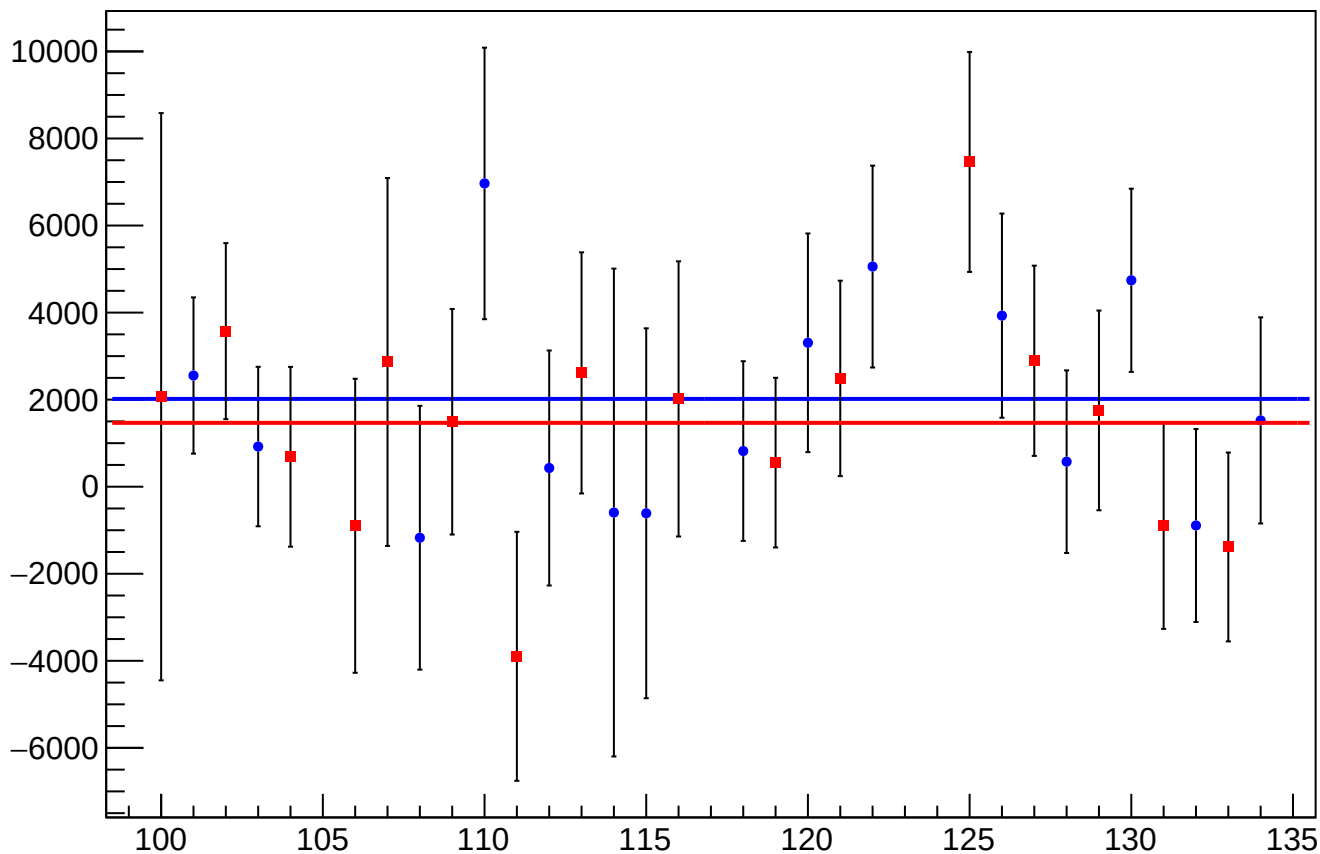
Right: 274.844+/-0.088 χ^2/NDF : 14739317.8/30

In: 626.701+/-0.199 χ^2/NDF : 2518080.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.844+/-0.088 χ^2/NDF : 14739317.8/30

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2016.965+/-615.399 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1466.775+/-625.588 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

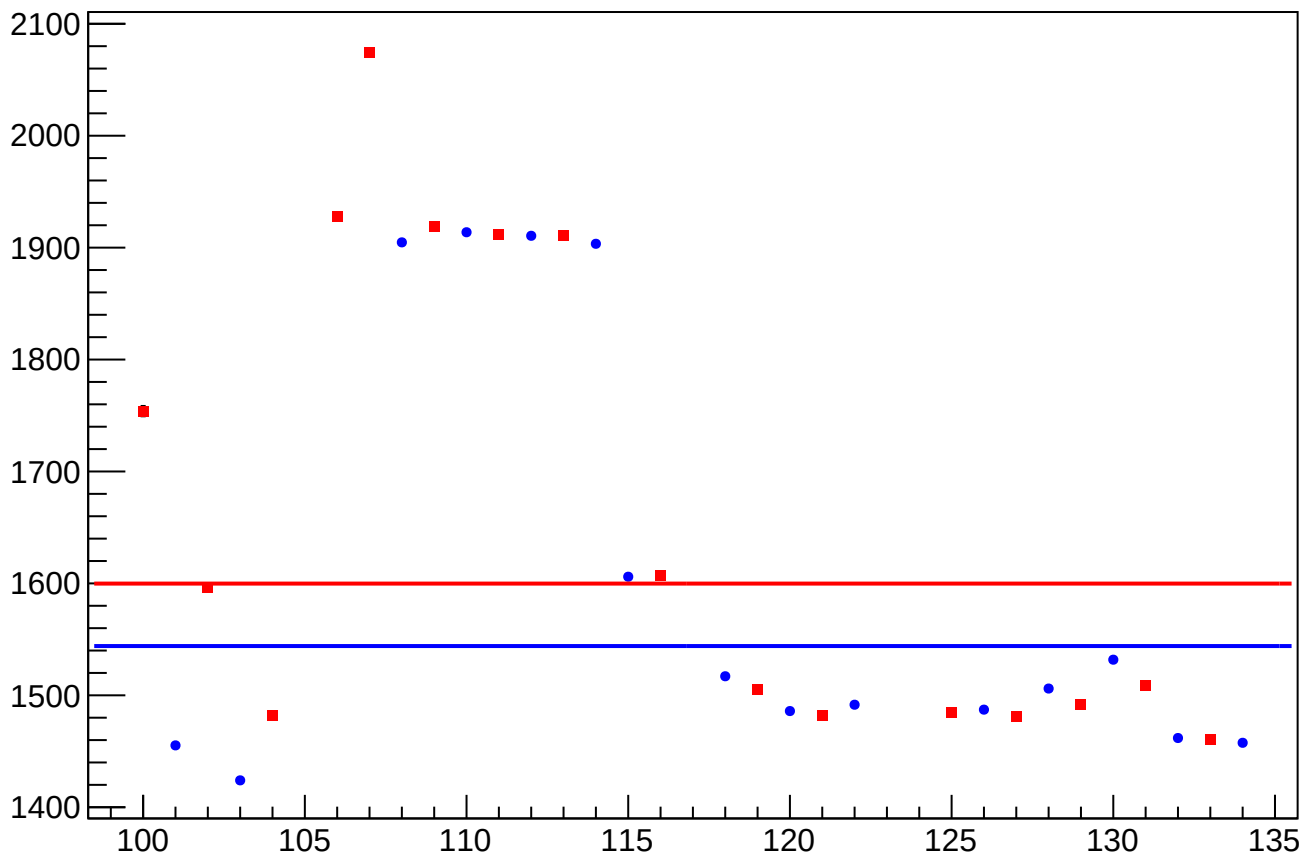
Right: 1746.387+/-438.710 χ^2/NDF : 27.1/30

In: 2016.965+/-615.399 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.387+/-438.710 χ^2/NDF : 27.1/30

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1544.019+/-0.435 χ^2/NDF : 125172.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.831+/-0.442 χ^2/NDF : 167081.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

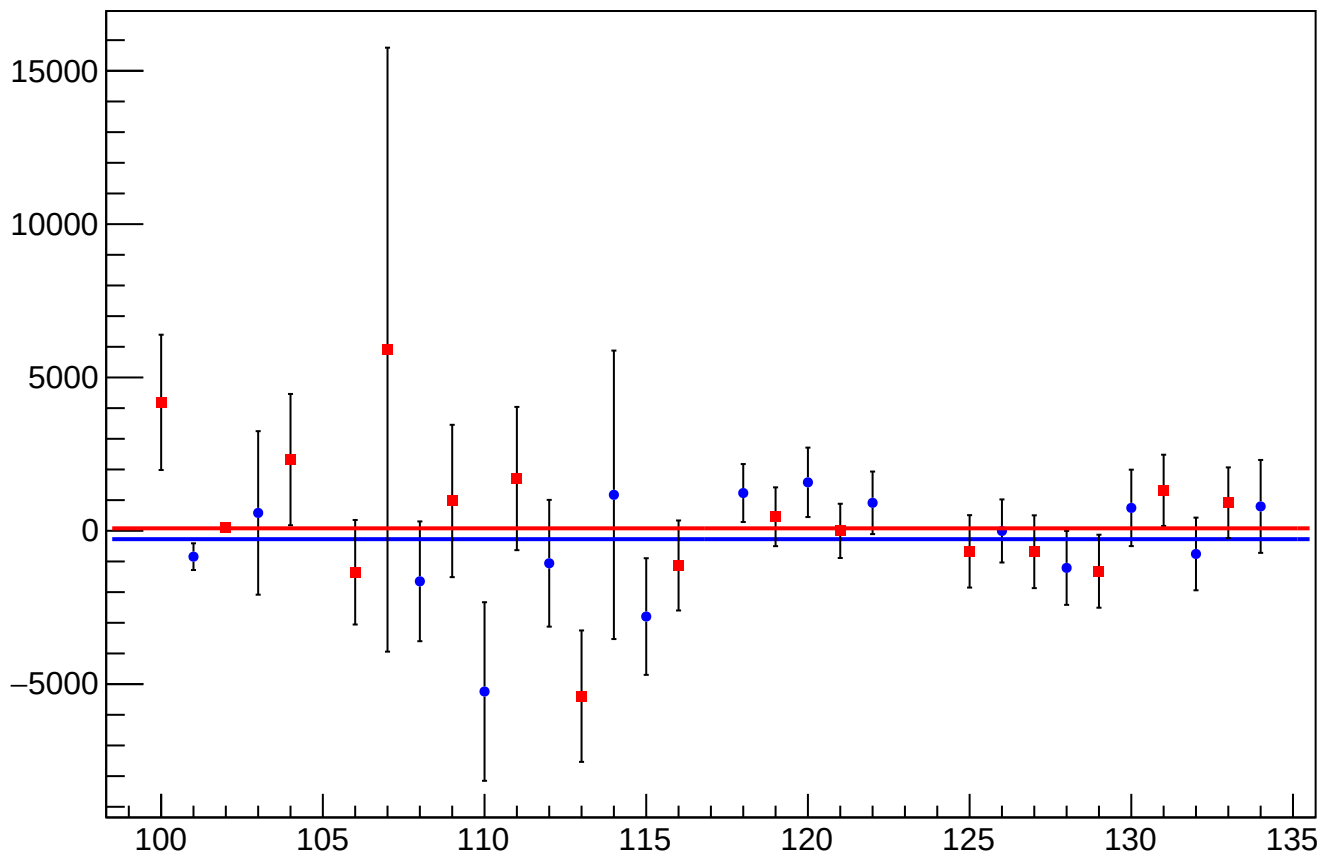
Right: 1571.467+/-0.310 χ^2/NDF : 300344.0/30

In: 1544.019+/-0.435 χ^2/NDF : 125172.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.467+/-0.310 χ^2/NDF : 300344.0/30

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -272.673+/-281.309 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.591+/-138.945 χ^2/NDF : 17.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

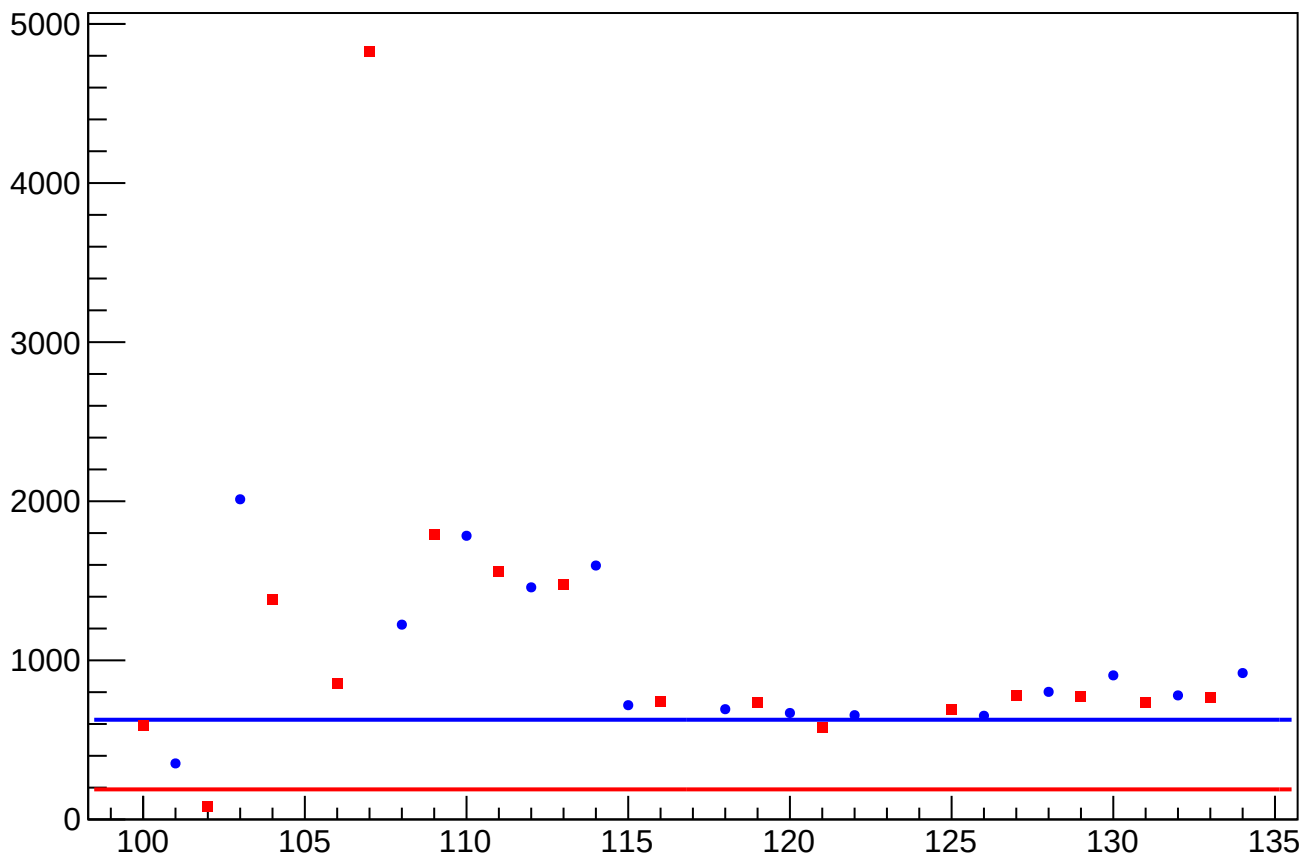
Right: 11.311+/-124.577 χ^2/NDF : 34.5/30

In: -272.673+/-281.309 χ^2/NDF : 15.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.311+/-124.577 χ^2/NDF : 34.5/30

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 626.701+/-0.199 χ^2/NDF : 2518080.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 189.005+/-0.098 χ^2/NDF : 8328963.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

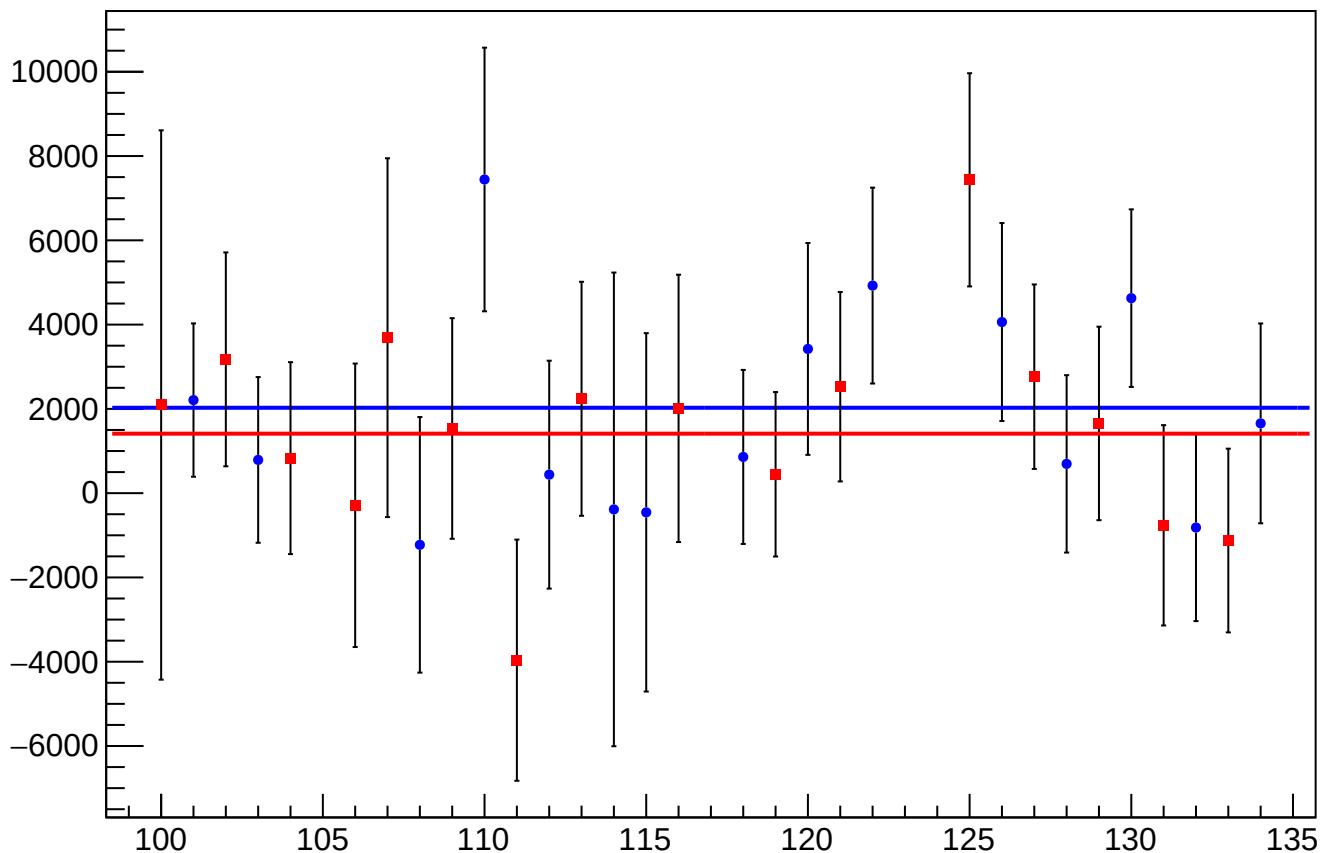
Right: 274.844+/-0.088 χ^2/NDF : 14739317.8/30

In: 626.701+/-0.199 χ^2/NDF :2518080.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 274.844+/-0.088 χ^2/NDF : 14739317.8/30

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2026.567+/-621.825 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.042+/-643.483 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

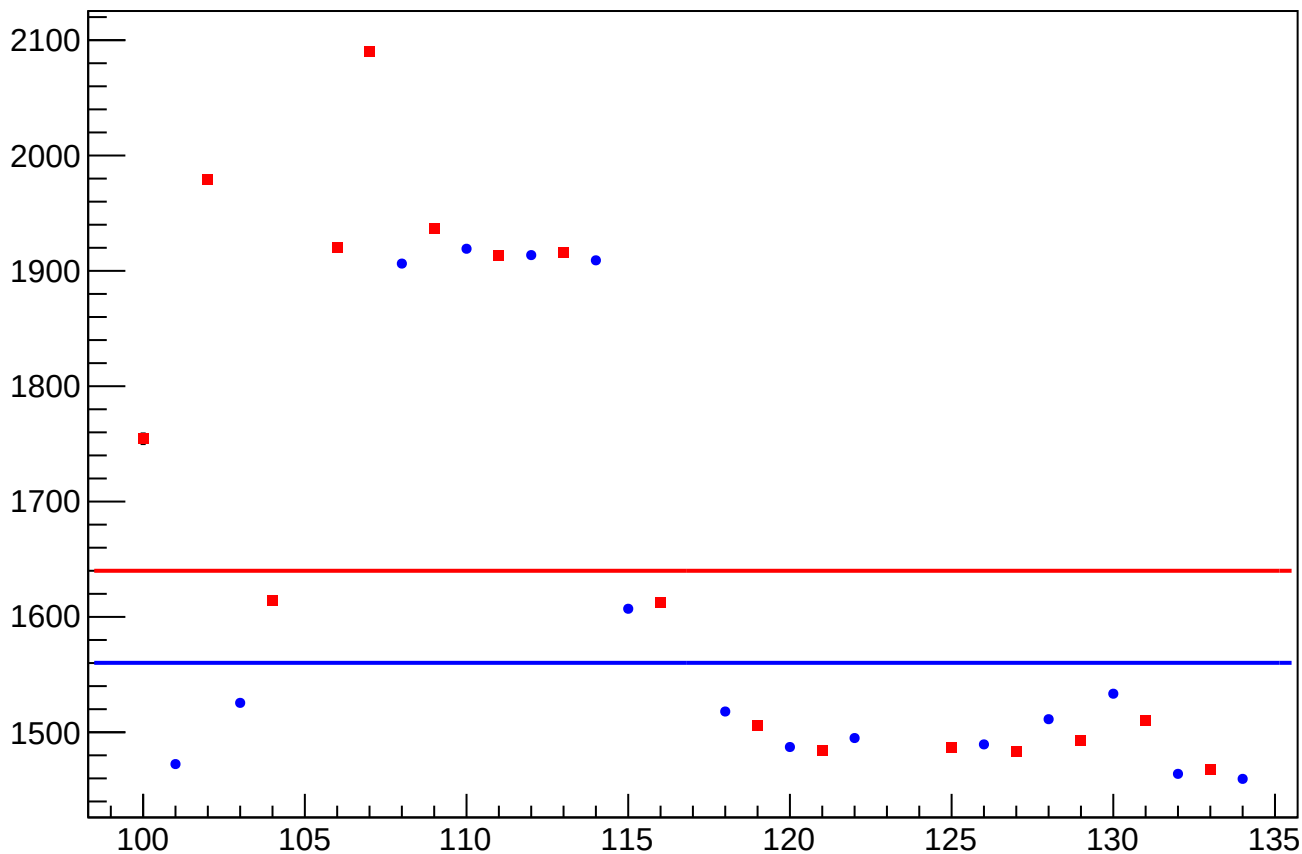
Right: 1729.820+/-447.158 χ^2/NDF : 25.9/30

In: 2026.567+/-621.825 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.820+/-447.158 χ^2/NDF : 25.9/30

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1560.189+/-0.440 χ^2/NDF : 114458.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.992+/-0.455 χ^2/NDF : 199966.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

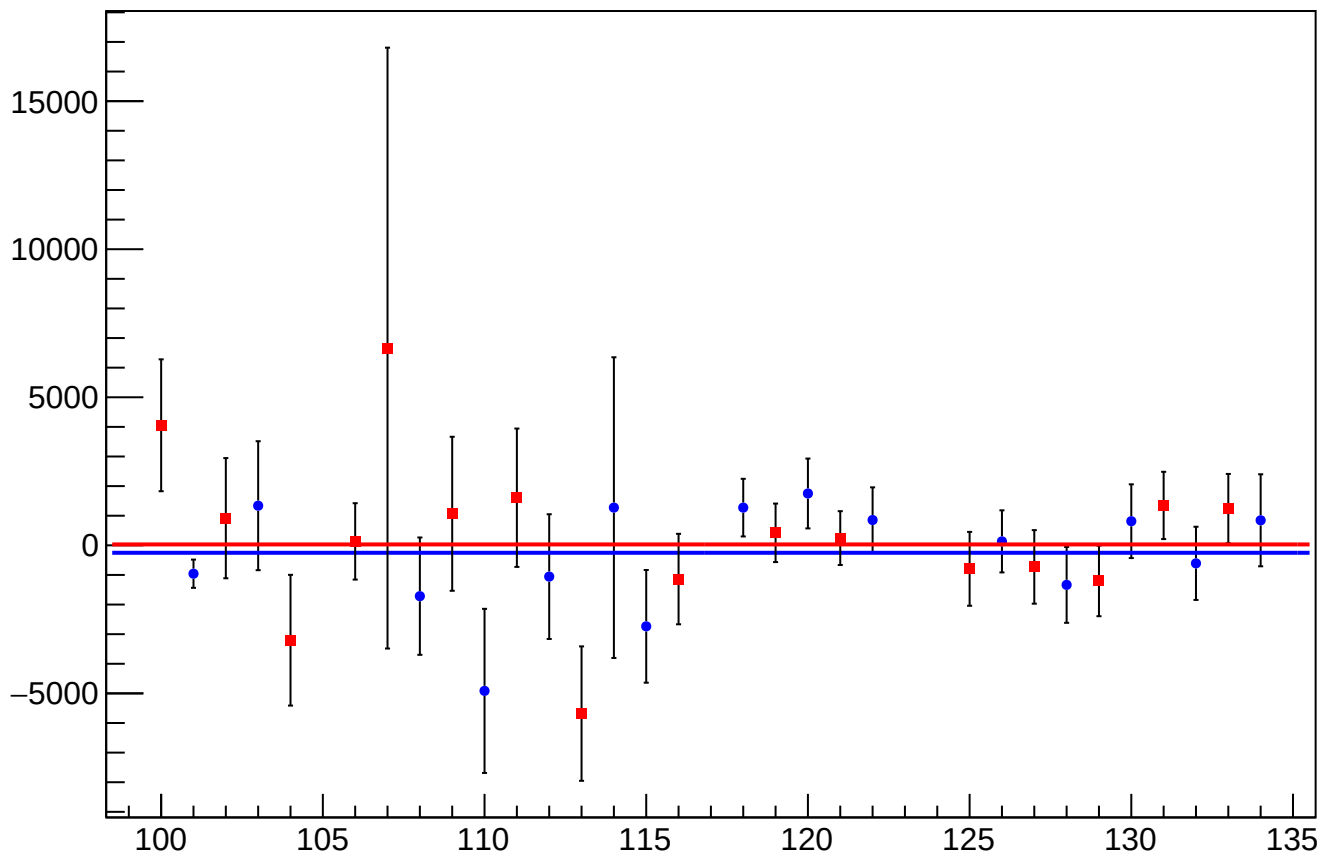
Right: 1598.725+/-0.316 χ^2/NDF : 330331.7/30

In: 1560.189+/-0.440 χ^2/NDF : 114458.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.725+/-0.316 χ^2/NDF : 330331.7/30

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -251.697 $\pm$ 296.650 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.132 $\pm$ 354.655 χ^2 /NDF: 18.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

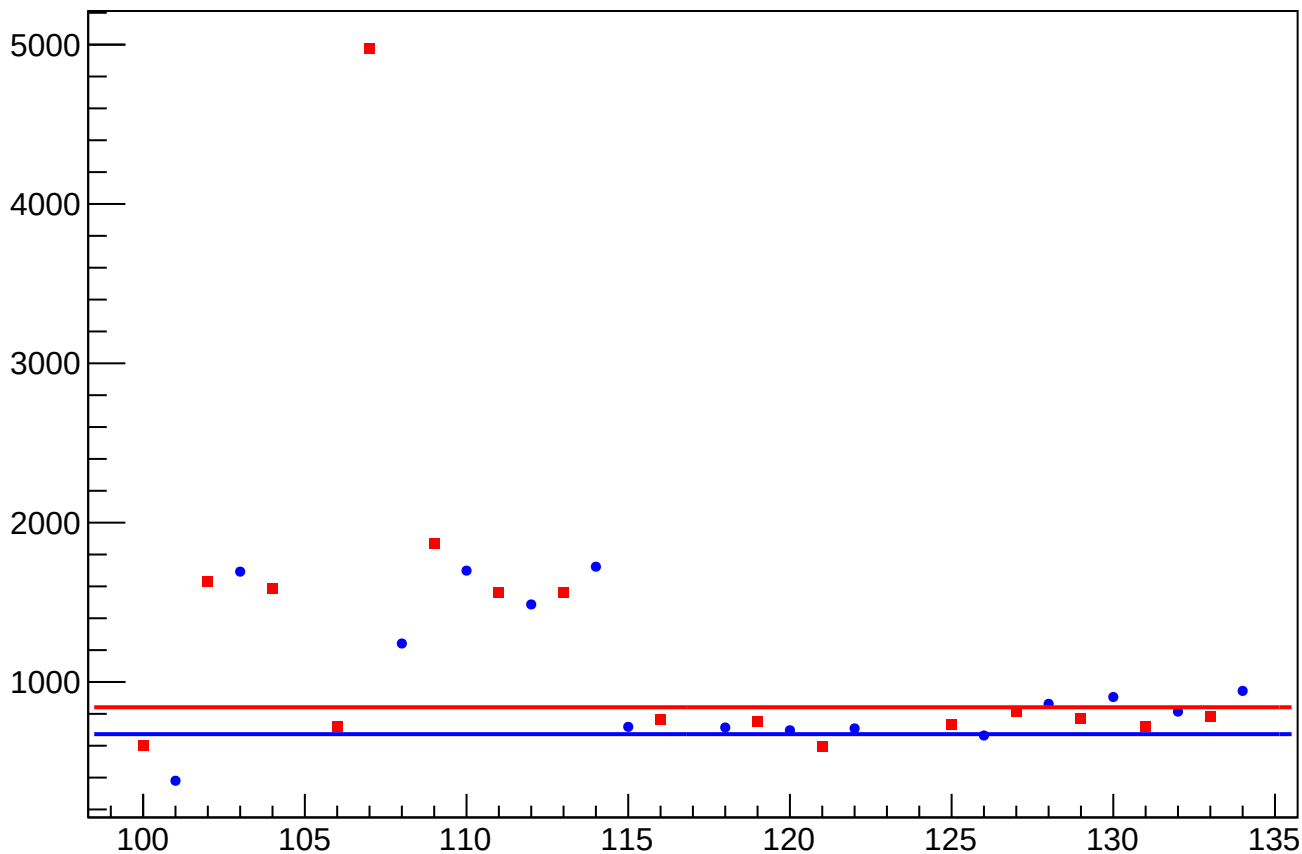
Right: -135.685 $\pm$ 227.544 χ^2 /NDF: 35.0/30

In: -251.697 $\pm$ 296.650 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -135.685 $\pm$ 227.544 χ^2 /NDF: 35.0/30

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 672.580+/-0.210 χ^2/NDF : 2223928.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.464+/-0.251 χ^2/NDF : 1821403.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

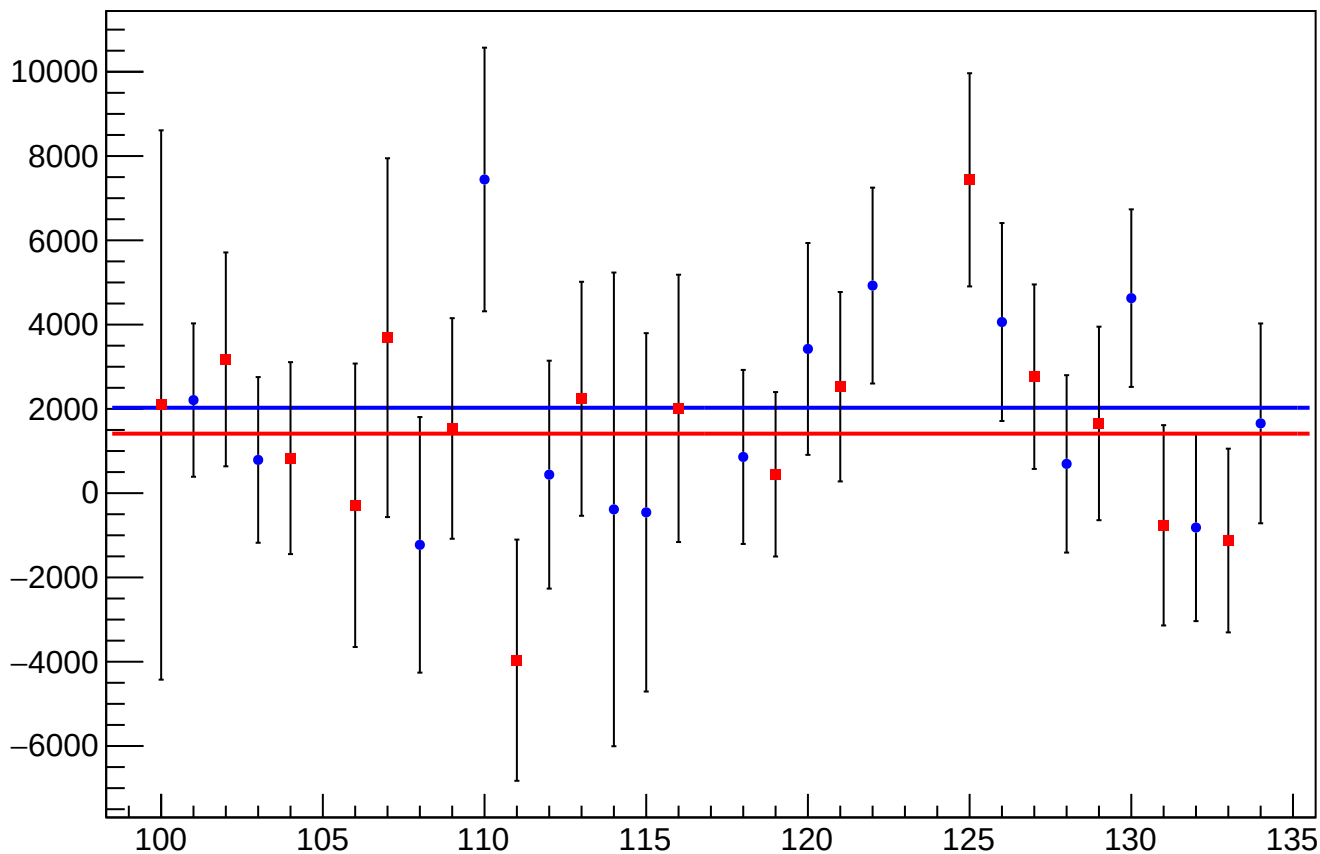
Right: 742.100+/-0.161 χ^2/NDF : 4312160.4/30

In: 672.580+/-0.210 χ^2/NDF : 2223928.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.100+/-0.161 χ^2/NDF : 4312160.4/30

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2026.565+/-621.825 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.039+/-643.483 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

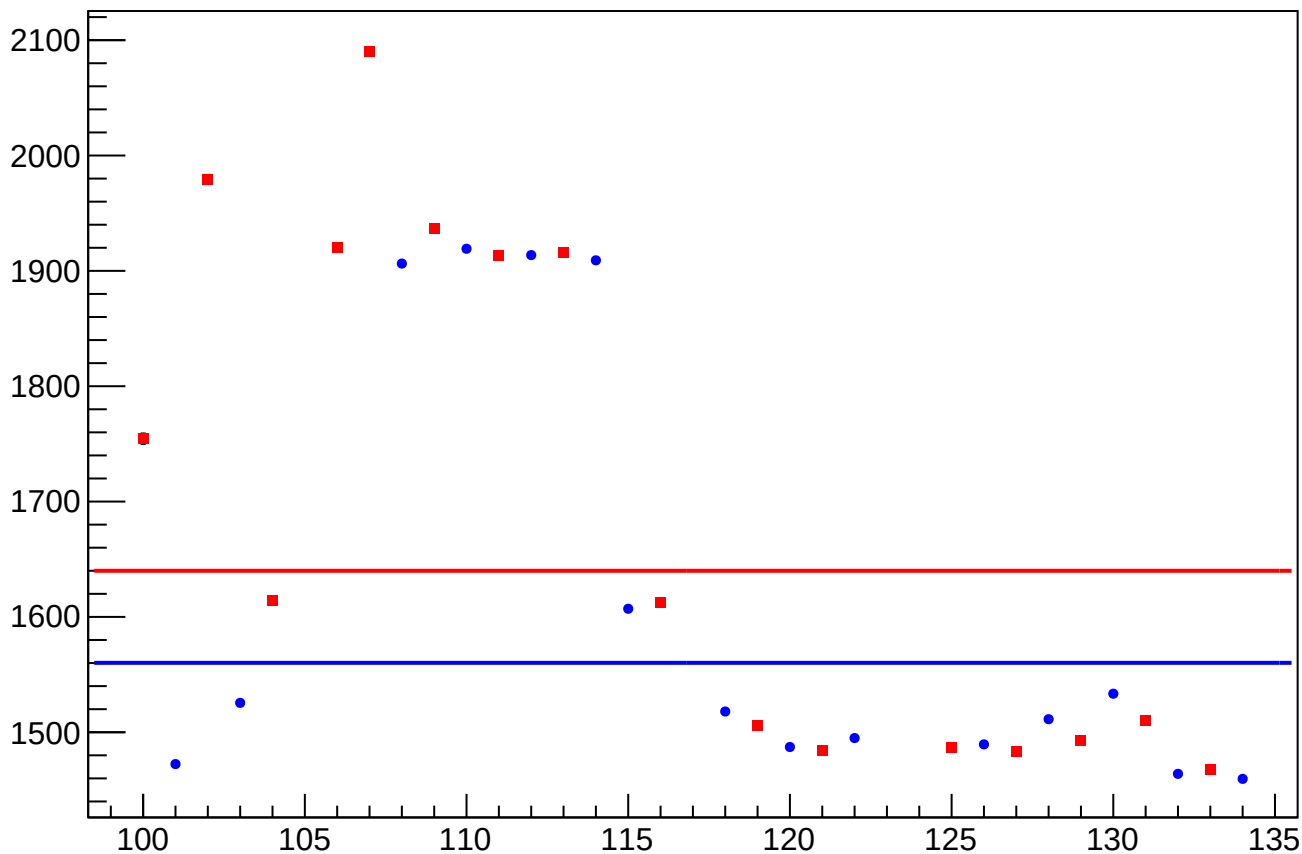
Right: 1729.818+/-447.157 χ^2/NDF : 25.9/30

In: 2026.565+/-621.825 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.818+/-447.157 χ^2/NDF : 25.9/30

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1560.189+/-0.440 χ^2/NDF : 114458.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.992+/-0.455 χ^2/NDF : 199966.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

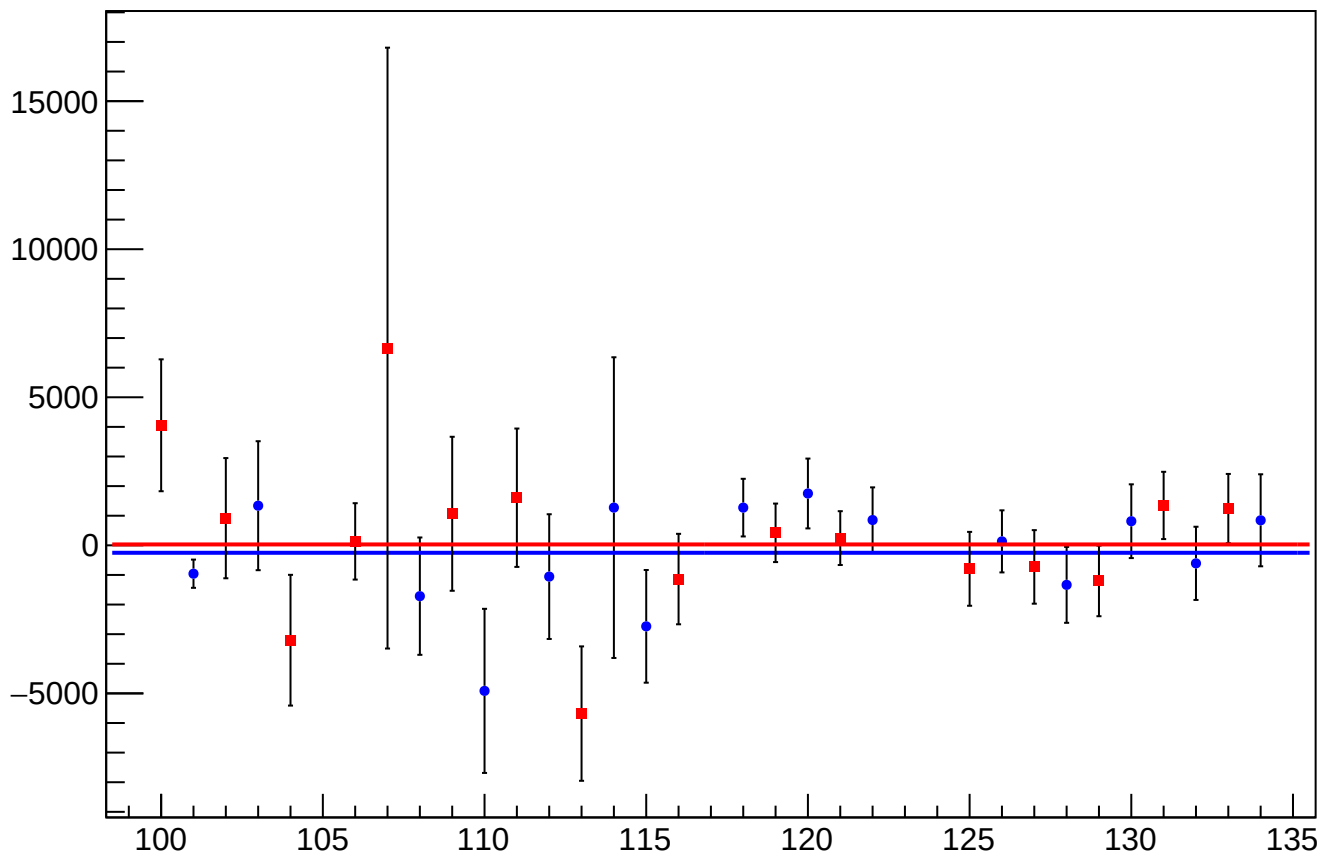
Right: 1598.725+/-0.316 χ^2/NDF : 330331.7/30

In: 1560.189+/-0.440 χ^2/NDF : 114458.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.725+/-0.316 χ^2/NDF : 330331.7/30

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -251.696+/-296.650 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.133+/-354.655 χ^2/NDF : 18.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

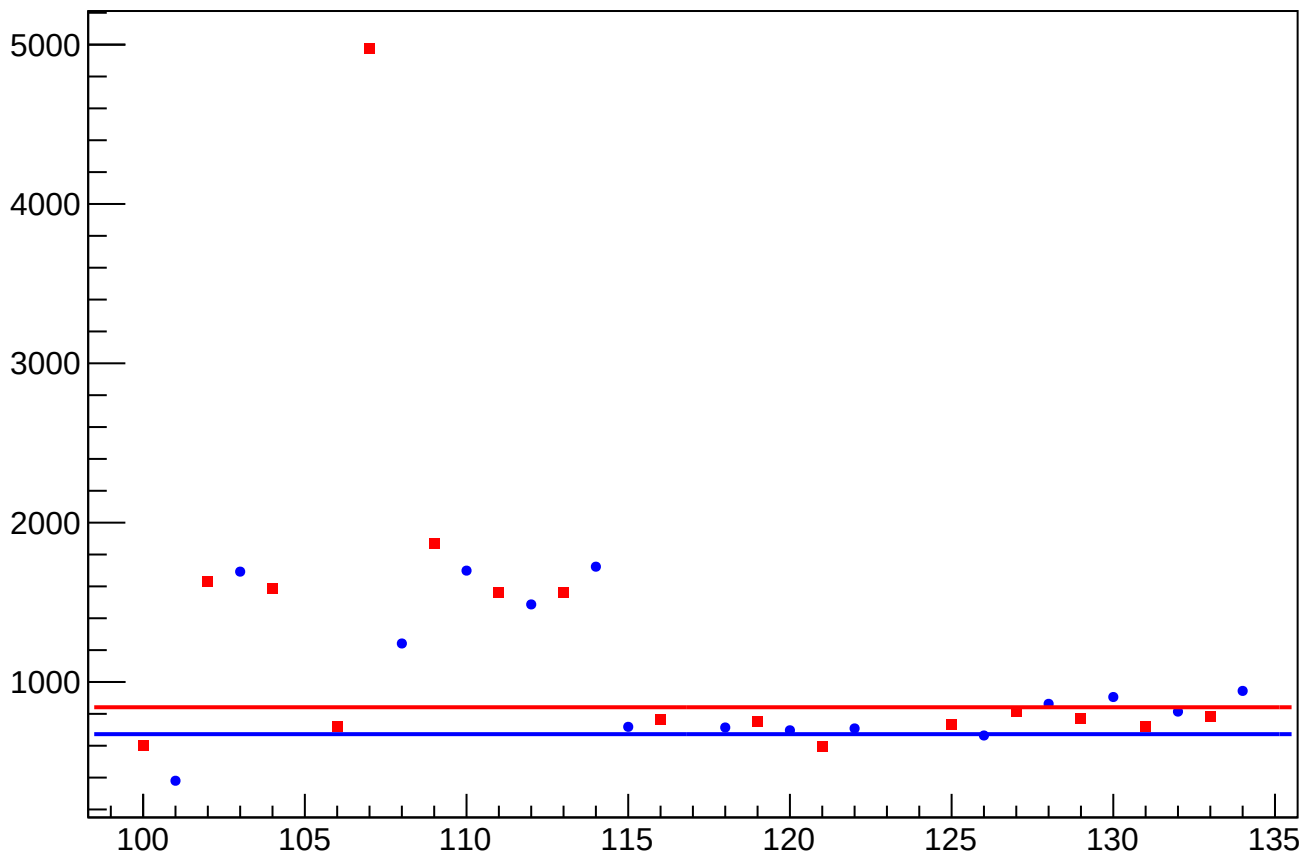
Right: -135.683+/-227.544 χ^2/NDF : 35.0/30

In: -251.696+/-296.650 χ^2/NDF : 16.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.683+/-227.544 χ^2/NDF : 35.0/30

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 672.580+/-0.210 χ^2/NDF : 2223919.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 841.462+/-0.251 χ^2/NDF : 1821410.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

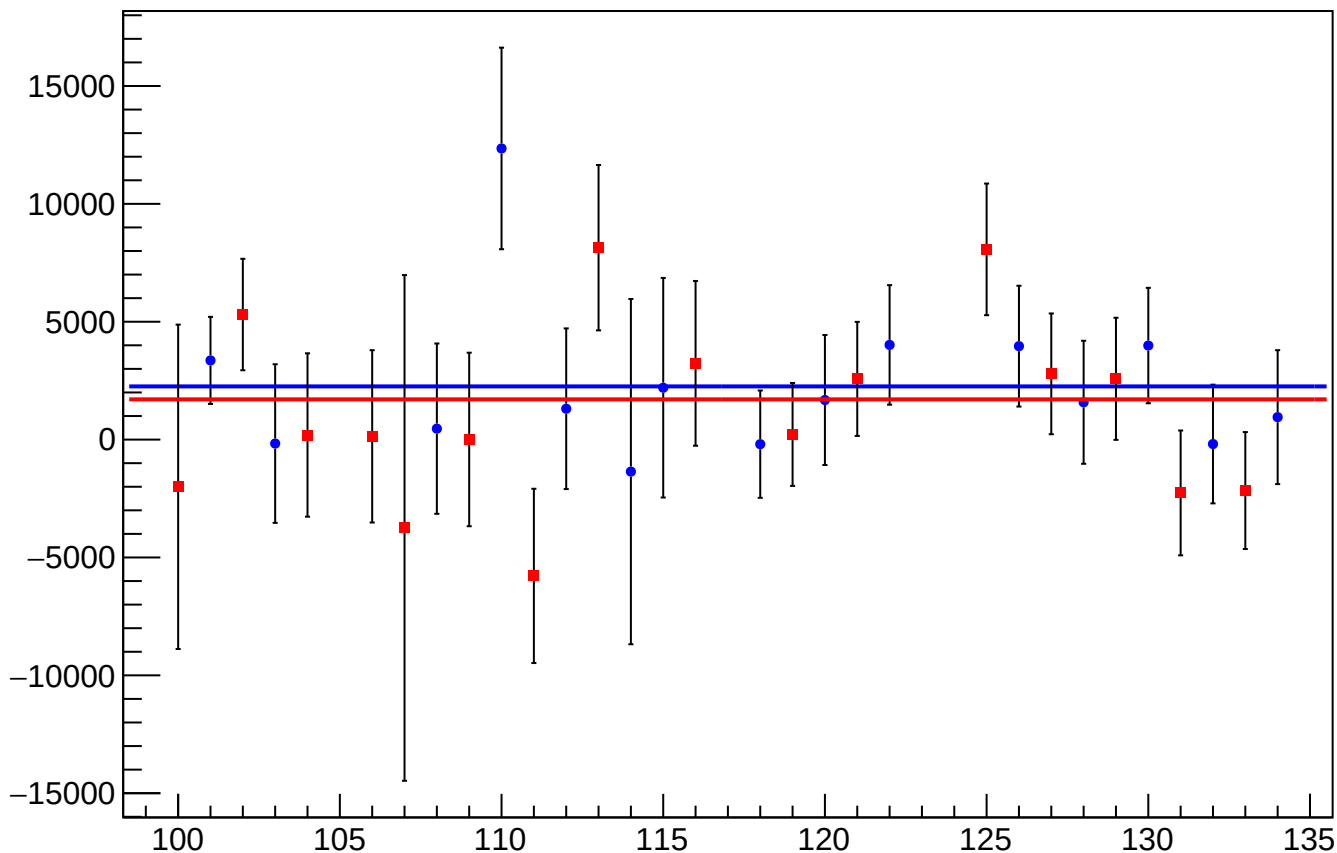
Right: 742.099+/-0.161 χ^2/NDF : 4312154.8/30

In: 672.580+/-0.210 χ^2/NDF :2223919.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 742.099+/-0.161 χ^2/NDF : 4312154.8/30

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2256.896+/-727.162 χ^2/NDF : 10.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.544+/-746.839 χ^2/NDF : 21.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

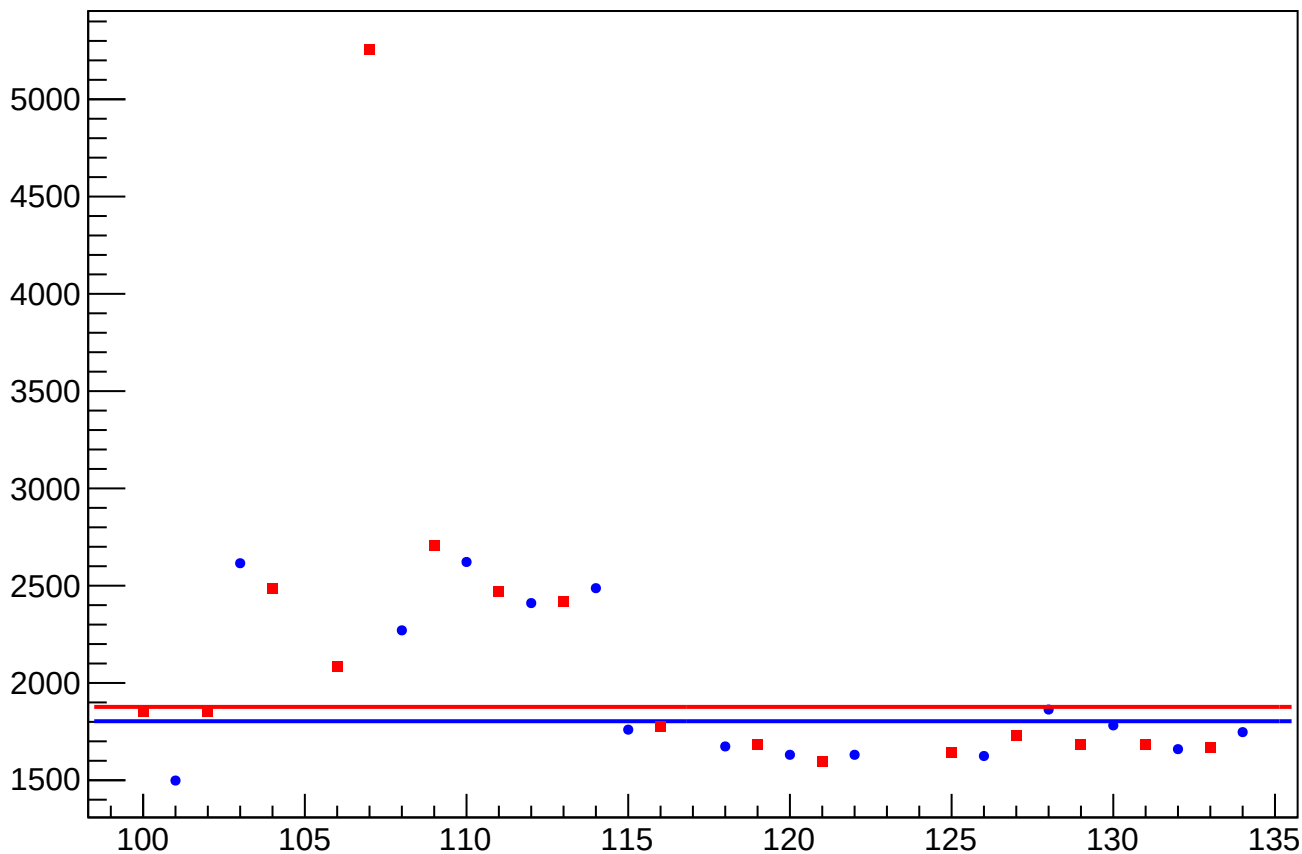
Right: 1989.553+/-520.999 χ^2/NDF : 33.0/30

In: 2256.896+/-727.162 χ^2/NDF : 10.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.553+/-520.999 χ^2/NDF : 33.0/30

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1803.323+/-0.514 χ^2/NDF : 400607.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.004+/-0.528 χ^2/NDF : 569592.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

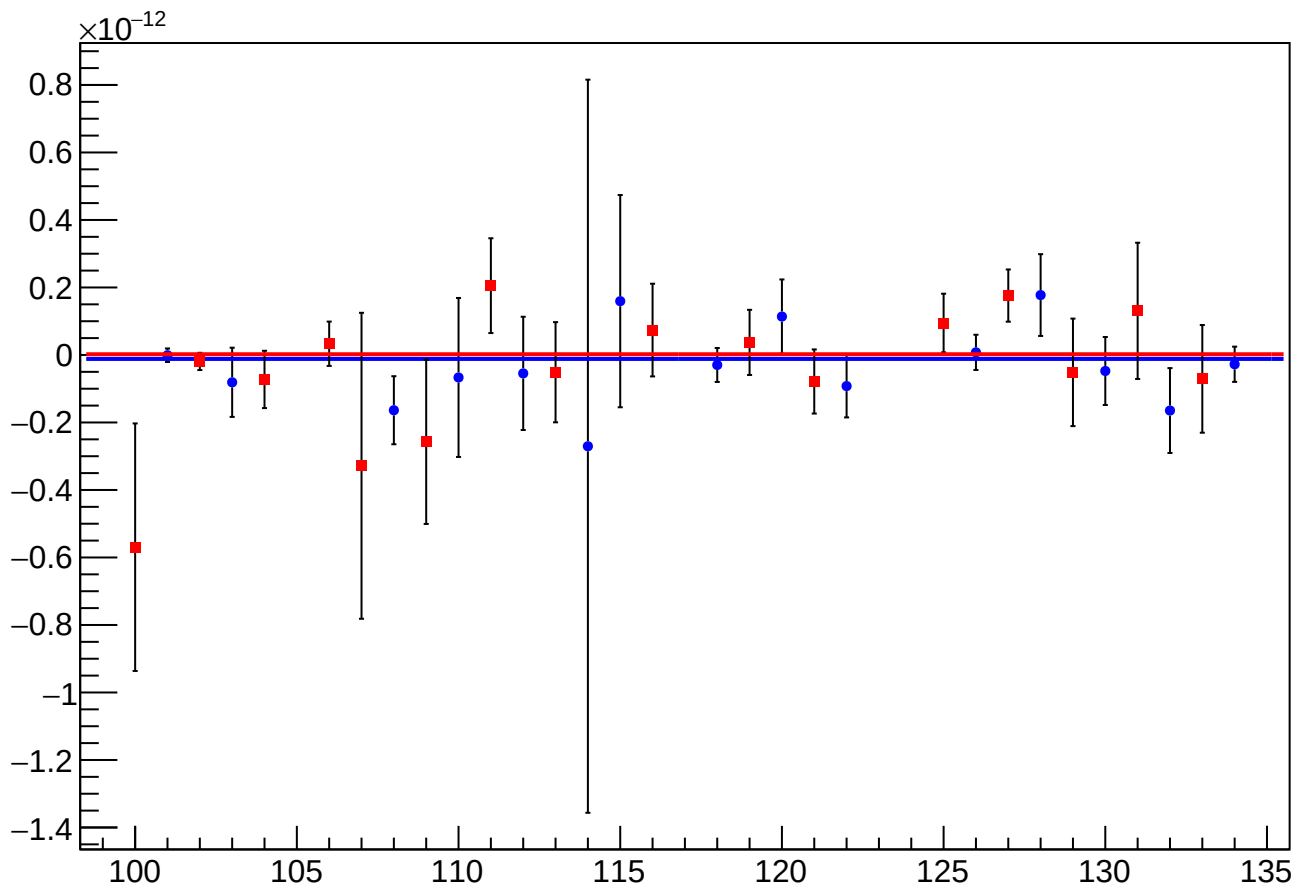
Right: 1839.180+/-0.368 χ^2/NDF : 980193.5/30

In: 1803.323+/-0.514 χ^2/NDF : 400607.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1839.180+/-0.368 χ^2/NDF : 980193.5/30

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

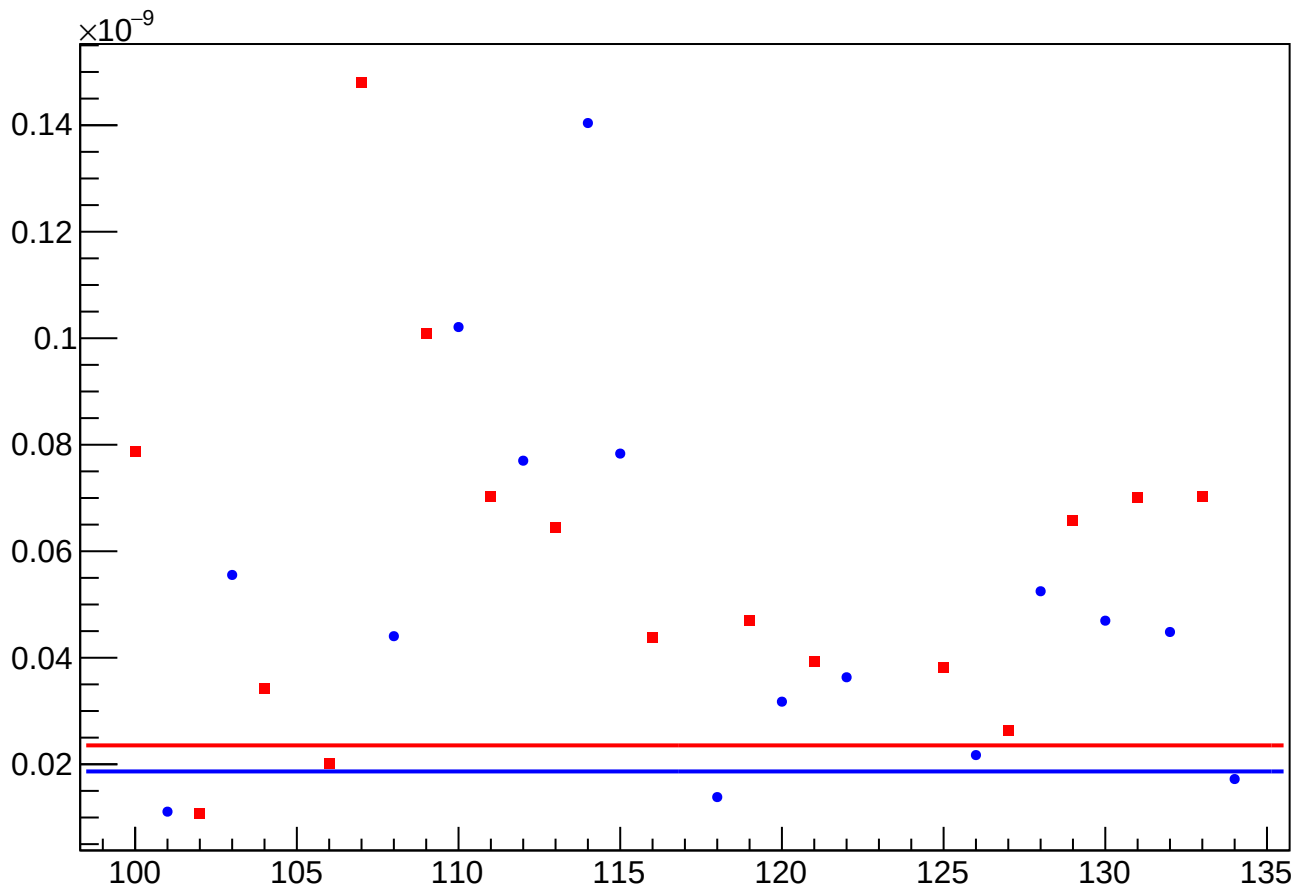
Right: -0.000+/-0.000 χ^2/NDF : 26.3/30

In: -0.000+/-0.000 χ^2/NDF : 10.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.3/30

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1790089.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2007333.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

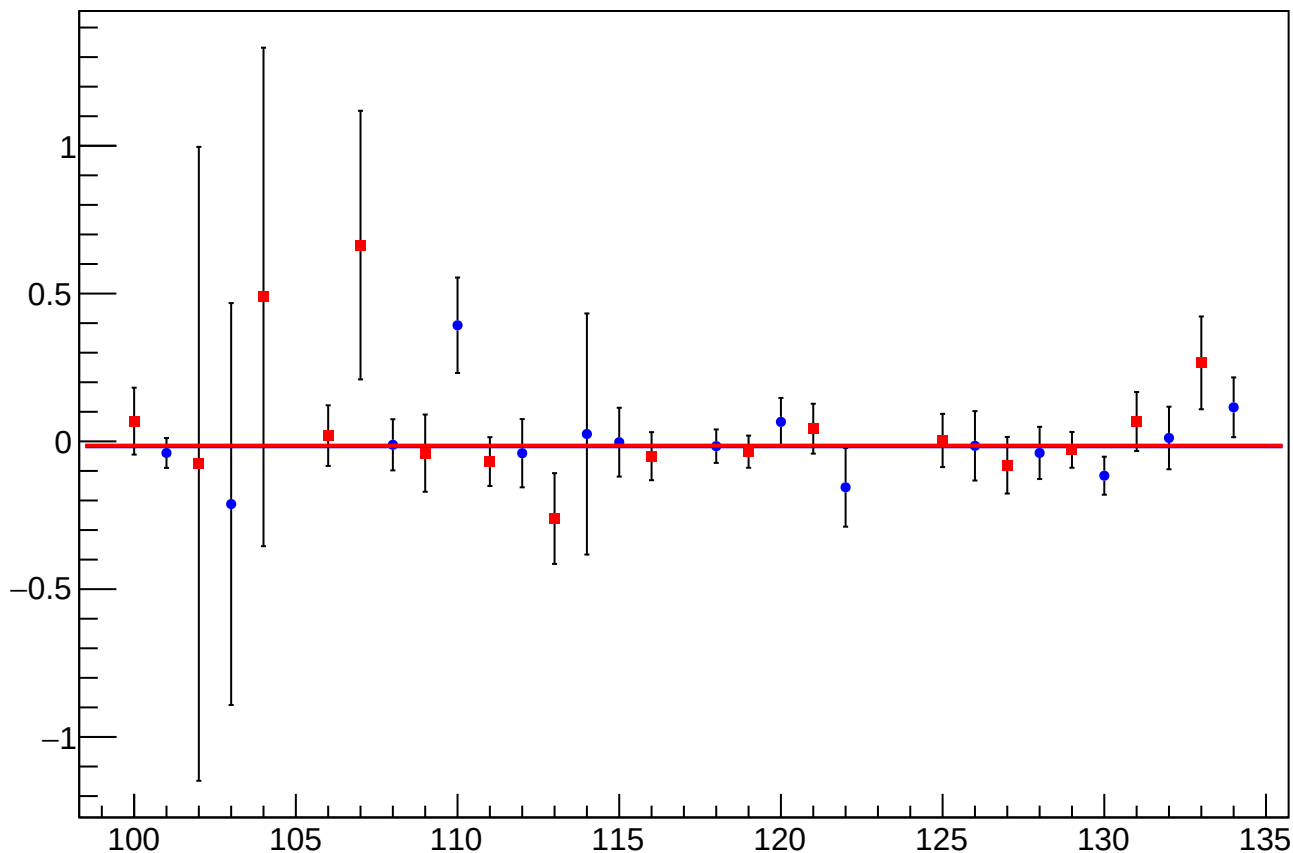
Right: 0.000+/-0.000 χ^2/NDF : 3876925.0/30

In: 0.000+/-0.000 χ^2/NDF : 1790089.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3876925.0/30

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.023 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.024 χ^2/NDF : 11.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

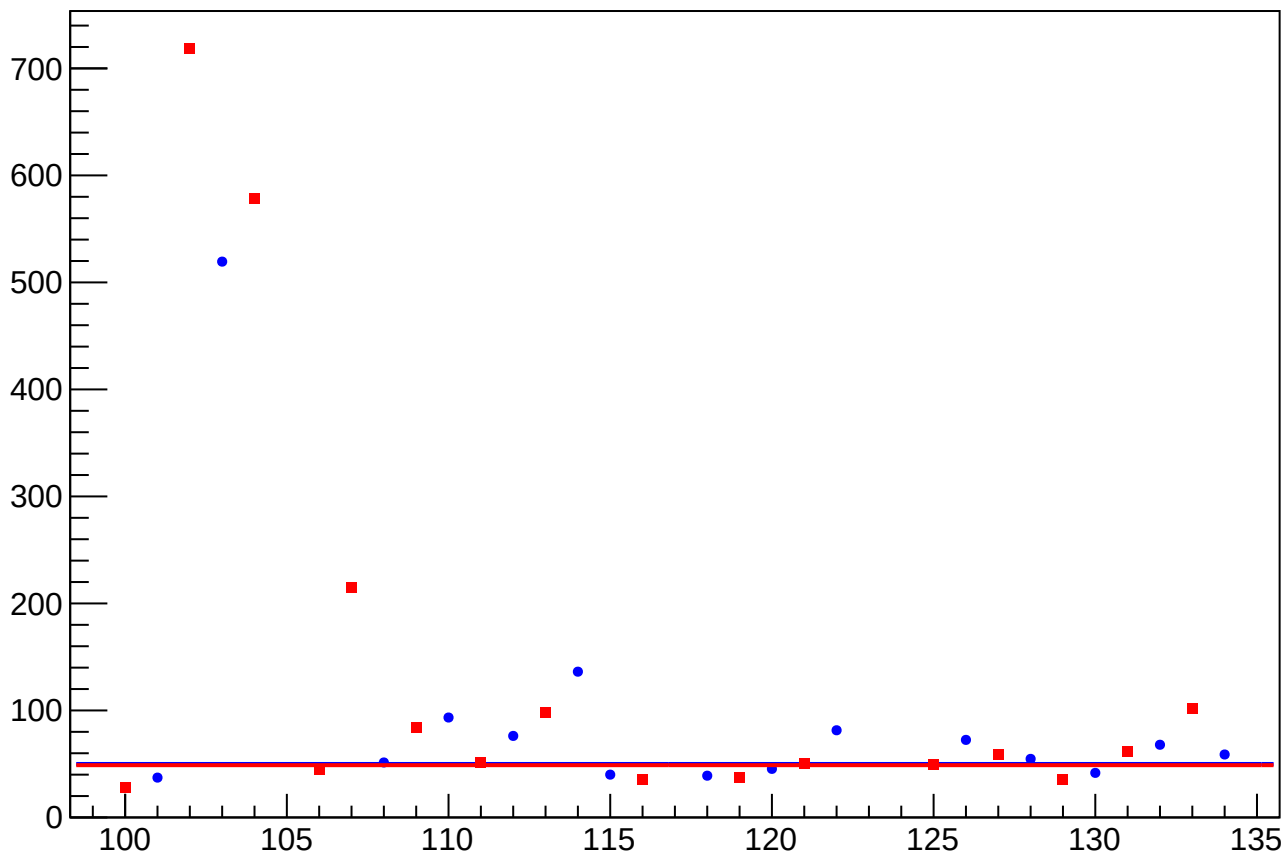
Right: -0.016 ± 0.017 χ^2/NDF : 24.6/30

In: -0.017 ± 0.023 χ^2/NDF : 13.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.017 χ^2/NDF : 24.6/30

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.971+/-0.016 χ^2/NDF : 1811935.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.860+/-0.017 χ^2/NDF : 2777261.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

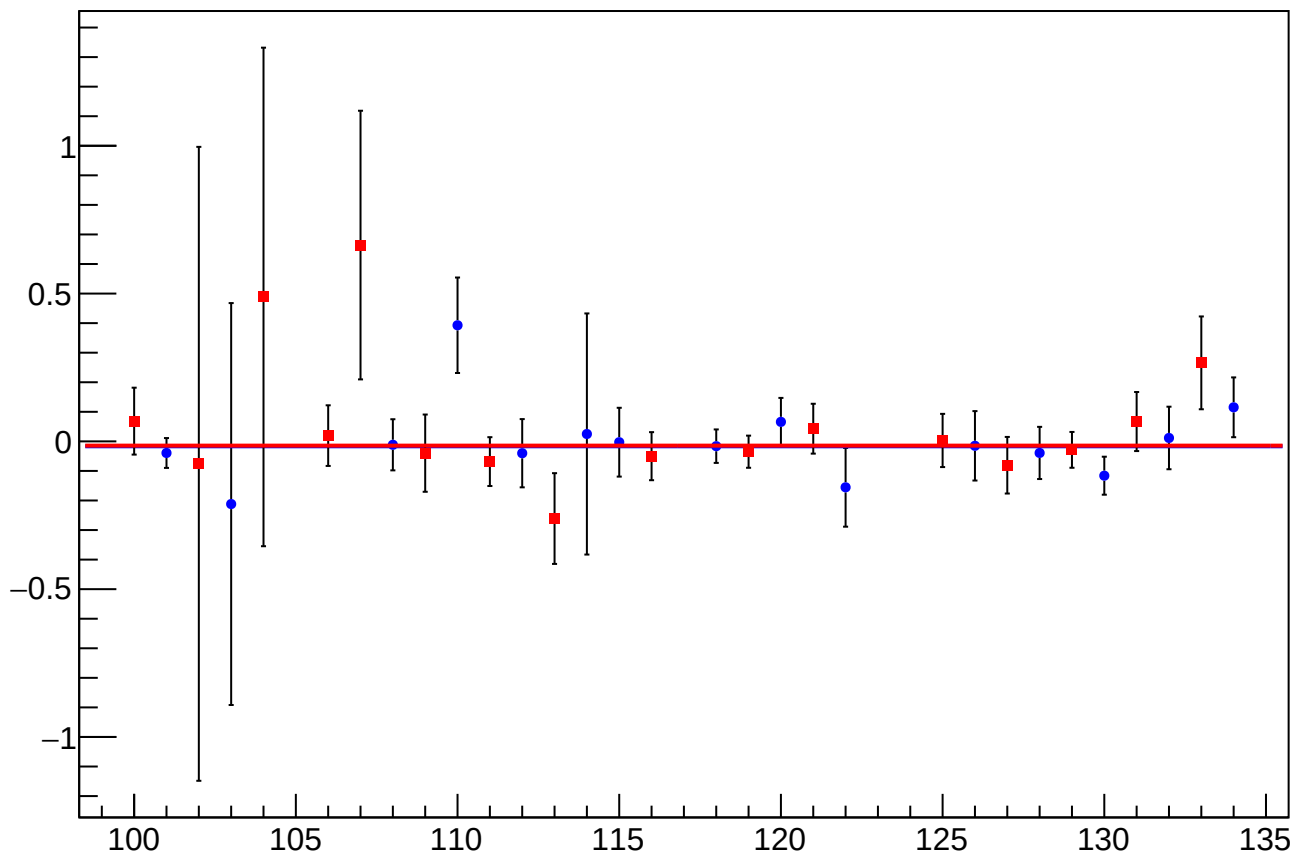
Right: 49.442+/-0.012 χ^2/NDF : 4591396.4/30

In: 49.971+/-0.016 χ^2/NDF : 1811935.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.442+/-0.012 χ^2/NDF : 4591396.4/30

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.023 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.024 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

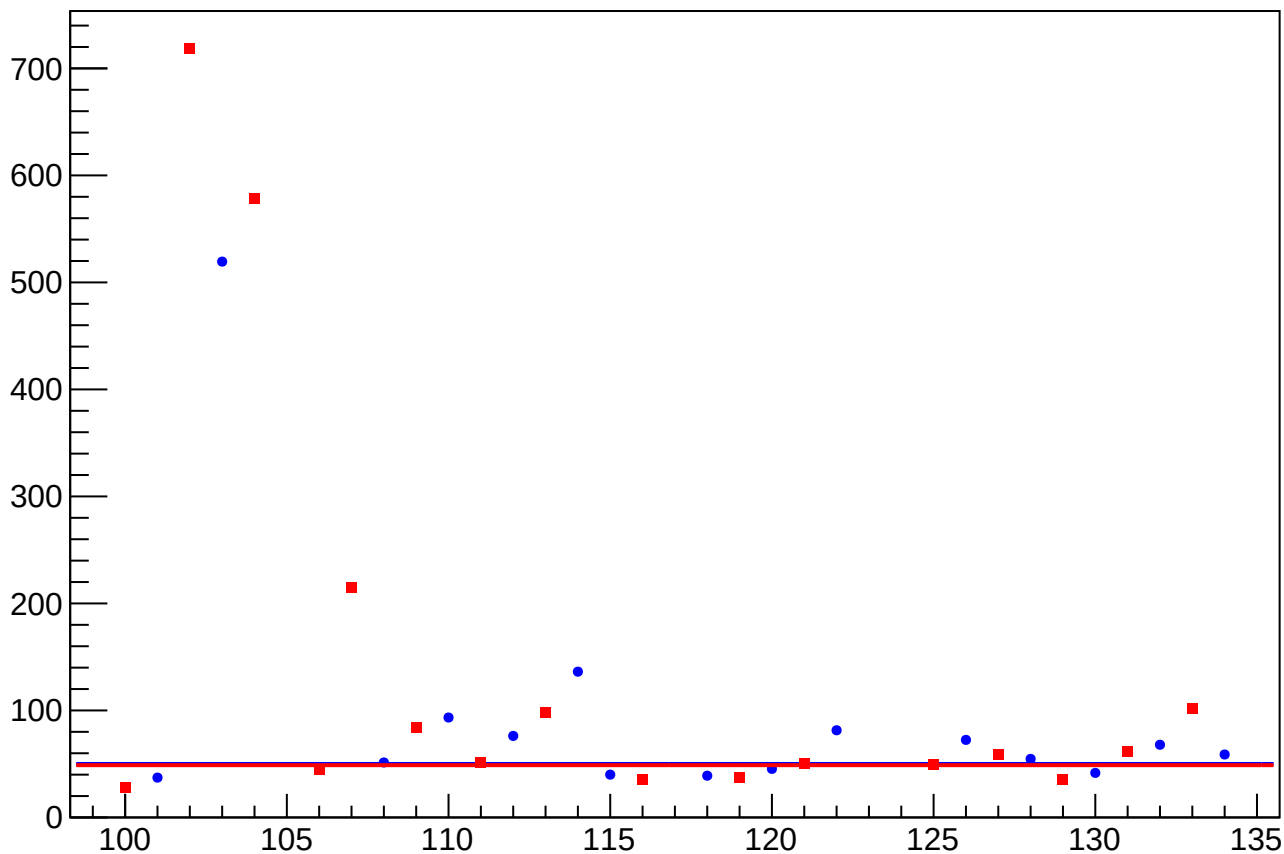
Right: -0.016+/-0.017 χ^2/NDF : 24.6/30

In: -0.017+/-0.023 χ^2/NDF :13.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.017 χ^2/NDF : 24.6/30

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.971+/-0.016 χ^2/NDF : 1811935.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.860+/-0.017 χ^2/NDF : 2777261.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

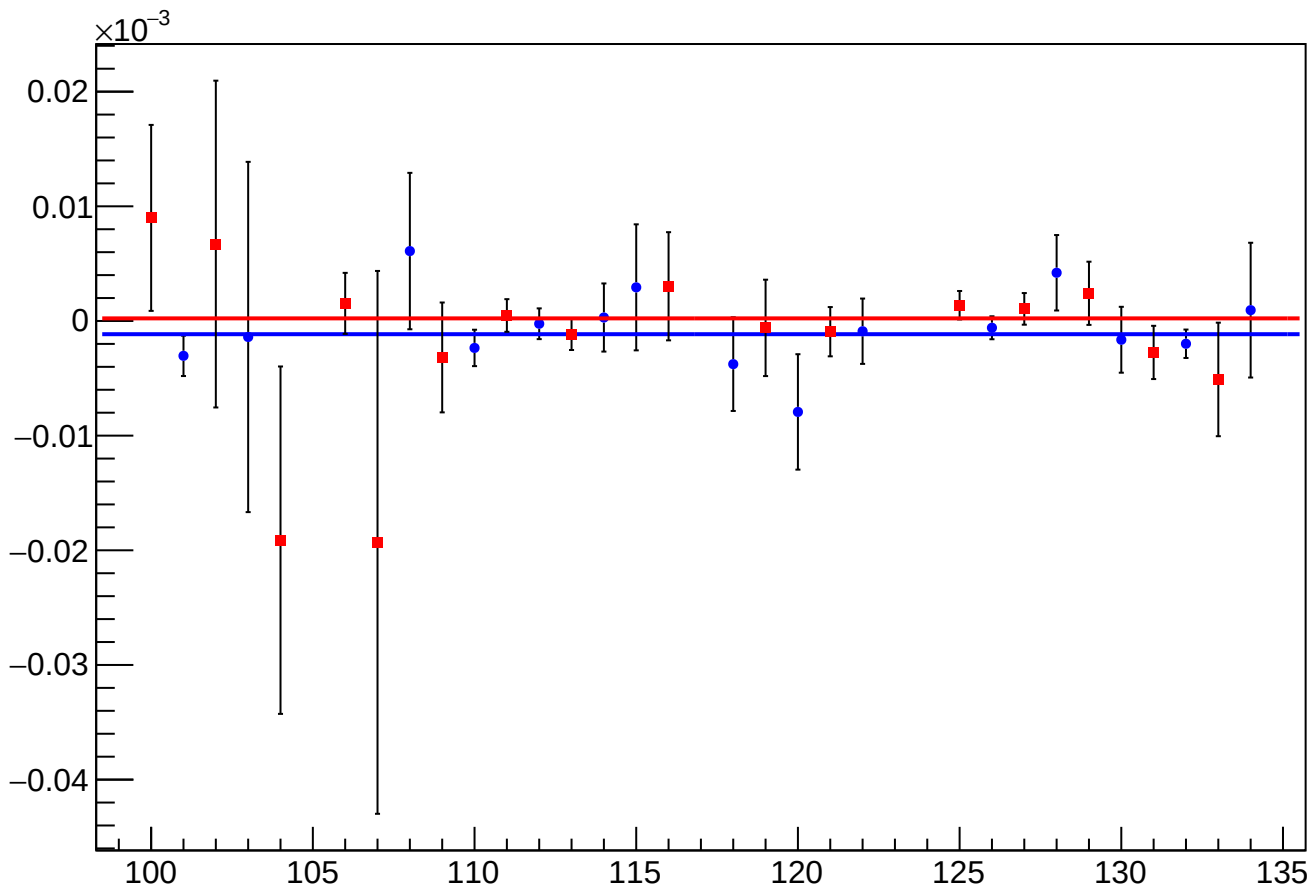
Right: 49.442+/-0.012 χ^2/NDF : 4591396.4/30

In: 49.971+/-0.016 χ^2/NDF : 1811935.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.442+/-0.012 χ^2/NDF : 4591396.4/30

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

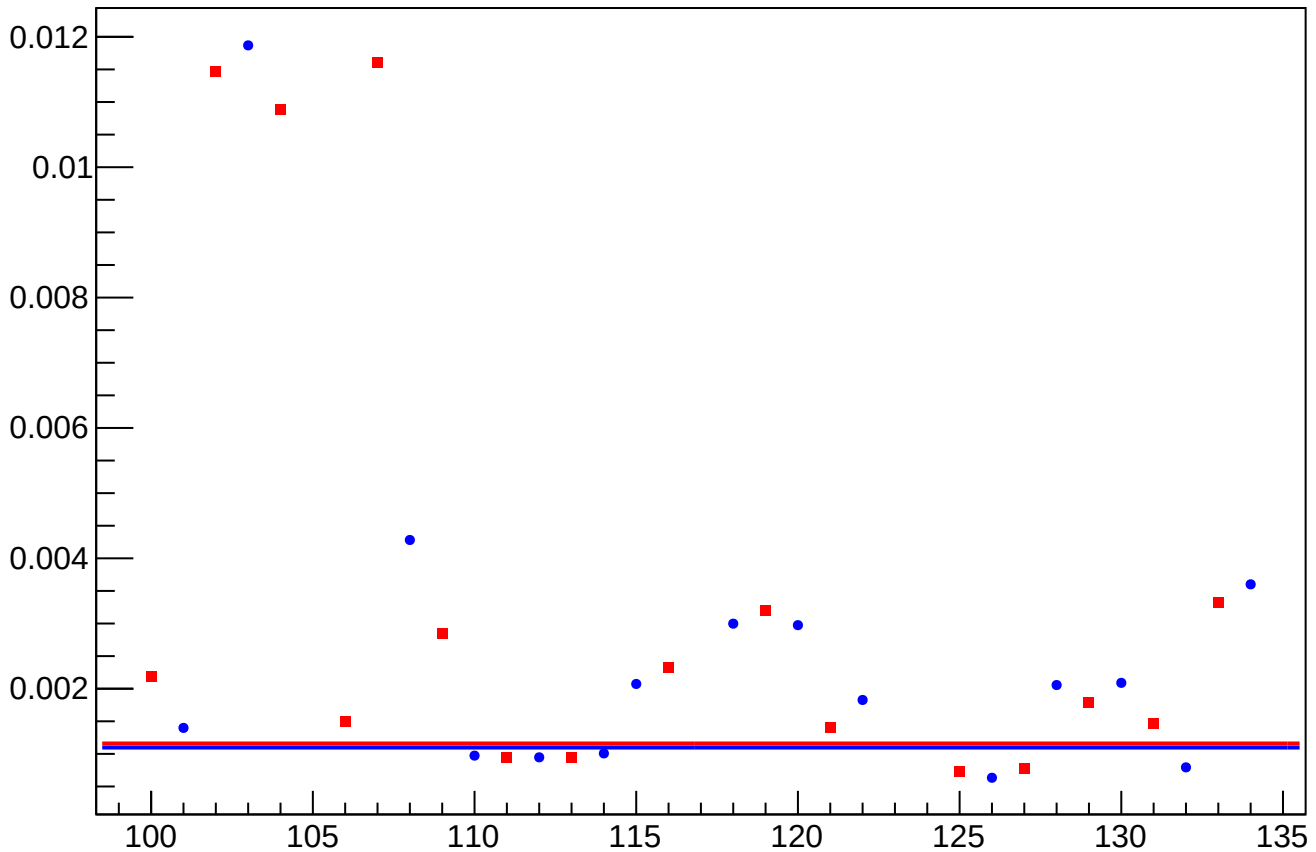
Right: -0.000+/-0.000 χ^2 /NDF: 23.9/30

In: -0.000+/-0.000 χ^2 /NDF:9.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.9/30

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3754217.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4193874.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

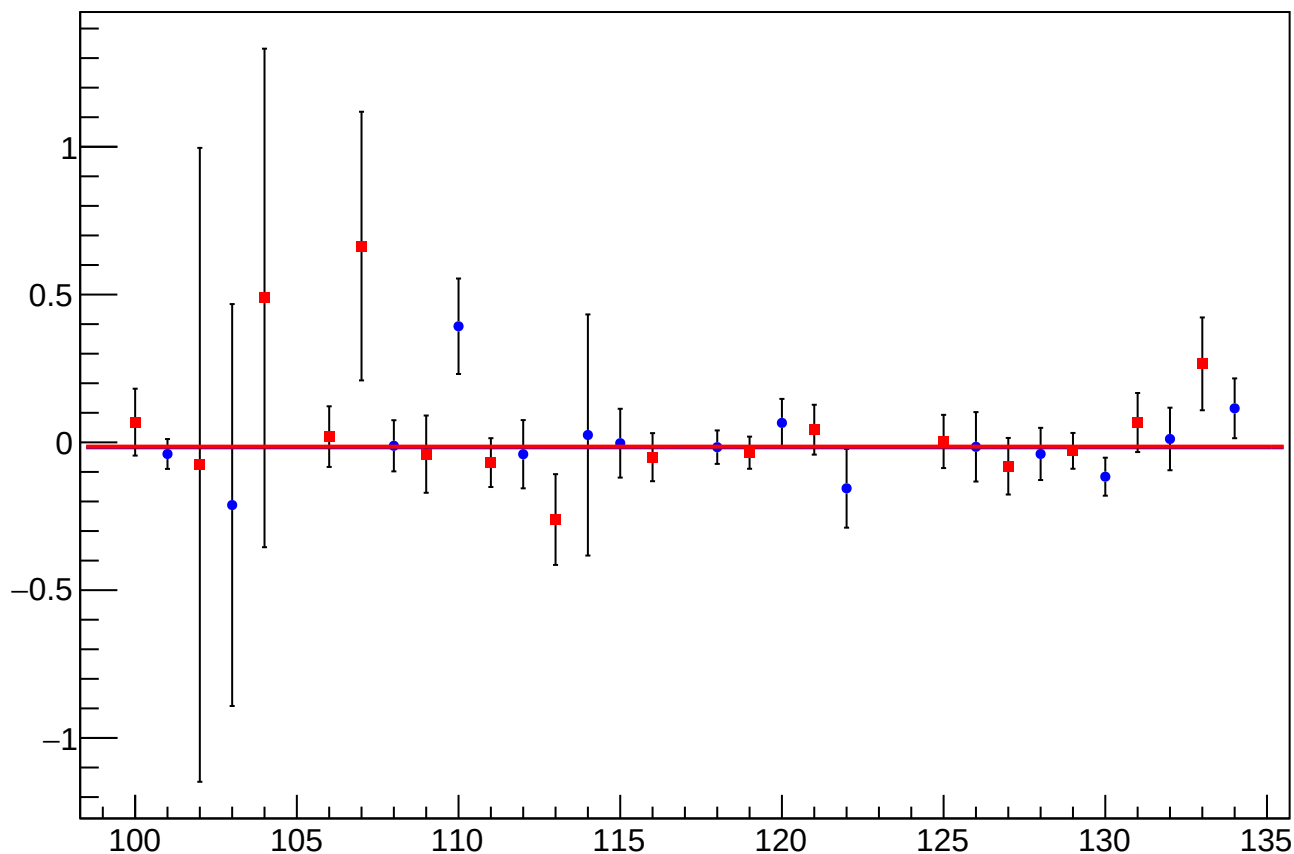
Right: 0.001+/-0.000 χ^2/NDF : 7960927.7/30

In: 0.001+/-0.000 χ^2/NDF :3754217.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7960927.7/30

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.023 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.024 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

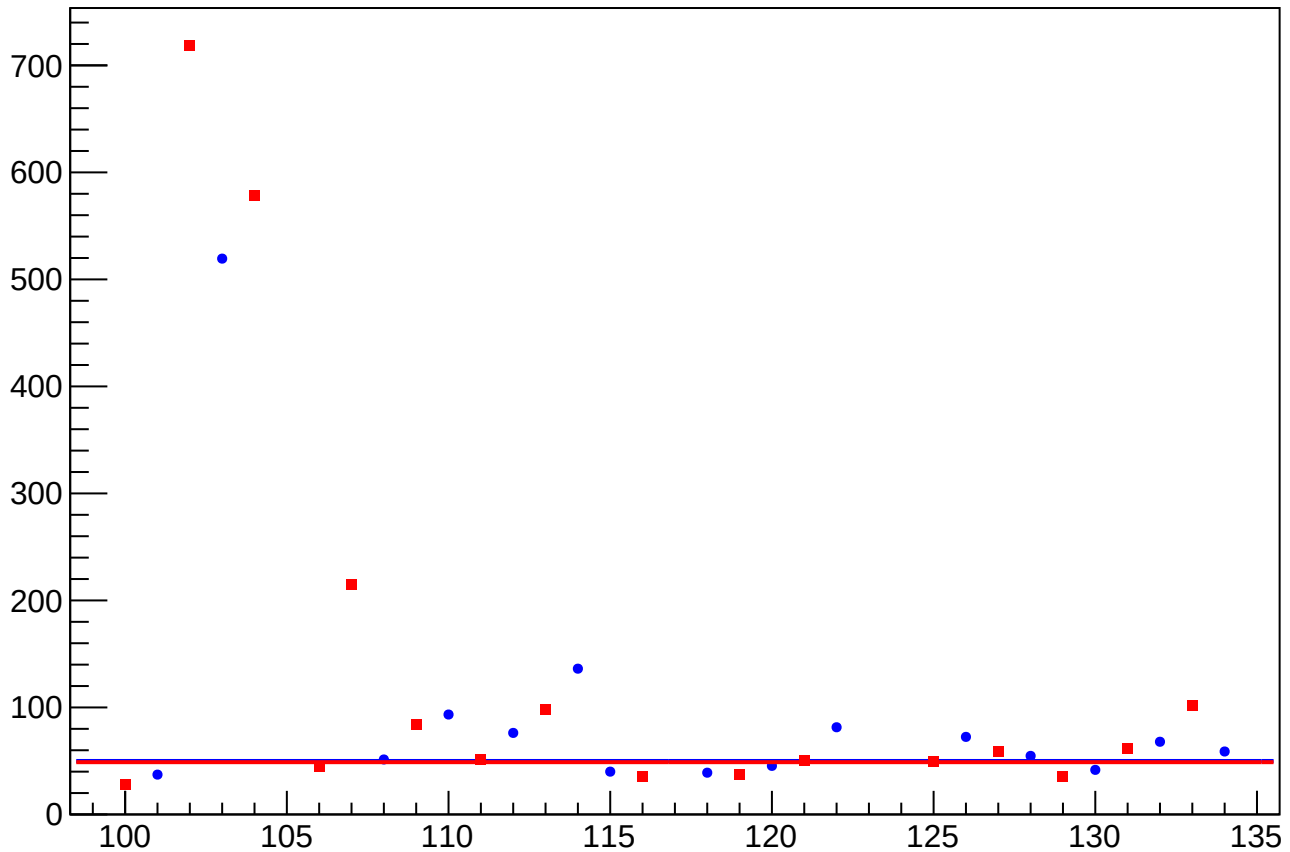
Right: -0.016+/-0.017 χ^2/NDF : 24.6/30

In: -0.017+/-0.023 χ^2/NDF :13.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.017 χ^2/NDF : 24.6/30

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.971+/-0.016 χ^2/NDF : 1811925.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.860+/-0.017 χ^2/NDF : 2777244.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

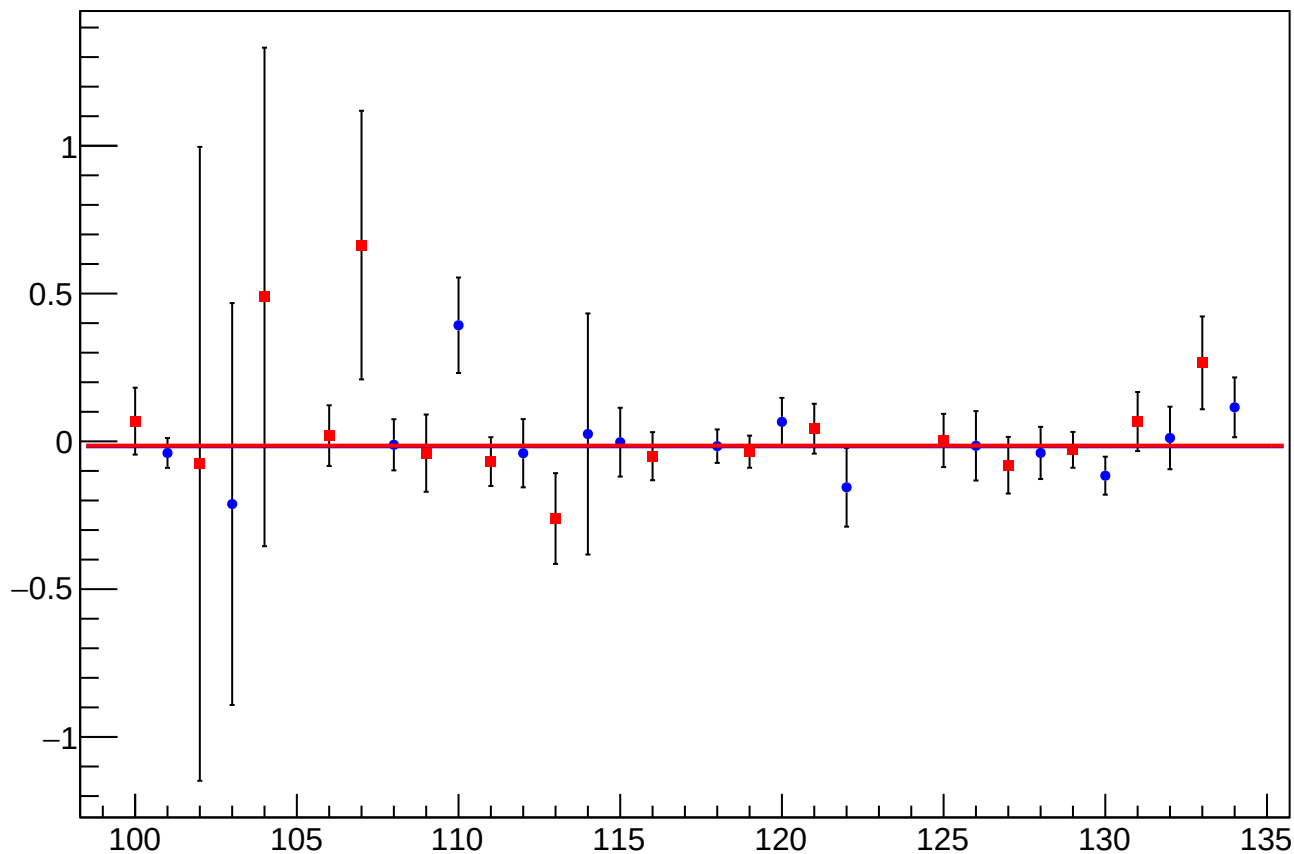
Right: 49.441+/-0.012 χ^2/NDF : 4591370.6/30

In: 49.971+/-0.016 χ^2/NDF : 1811925.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.441+/-0.012 χ^2/NDF : 4591370.6/30

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.023 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.024 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

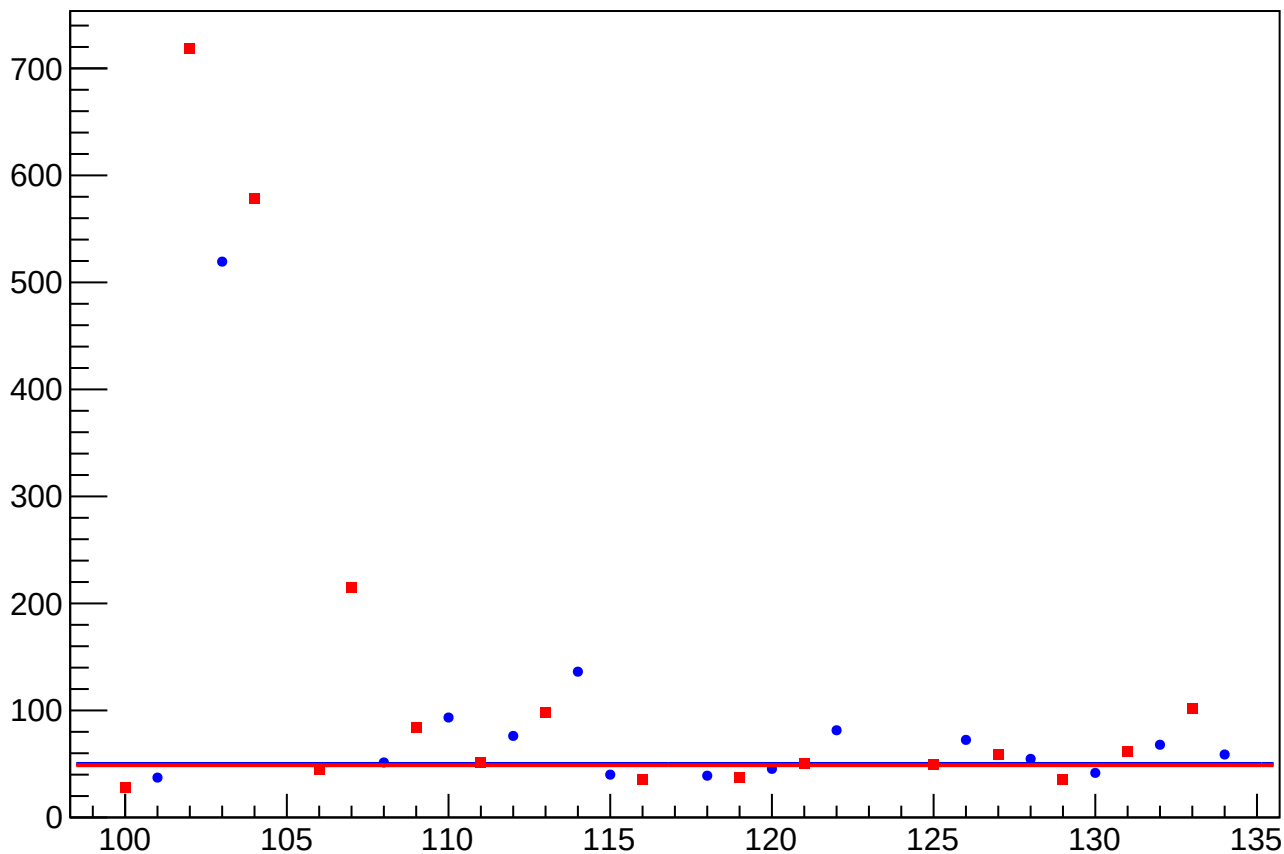
Right: -0.016 $\pm$ 0.017 χ^2 /NDF: 24.6/30

In: -0.017 $\pm$ 0.023 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.017 χ^2 /NDF: 24.6/30

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.971+/-0.016 χ^2/NDF : 1811925.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.860+/-0.017 χ^2/NDF : 2777244.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

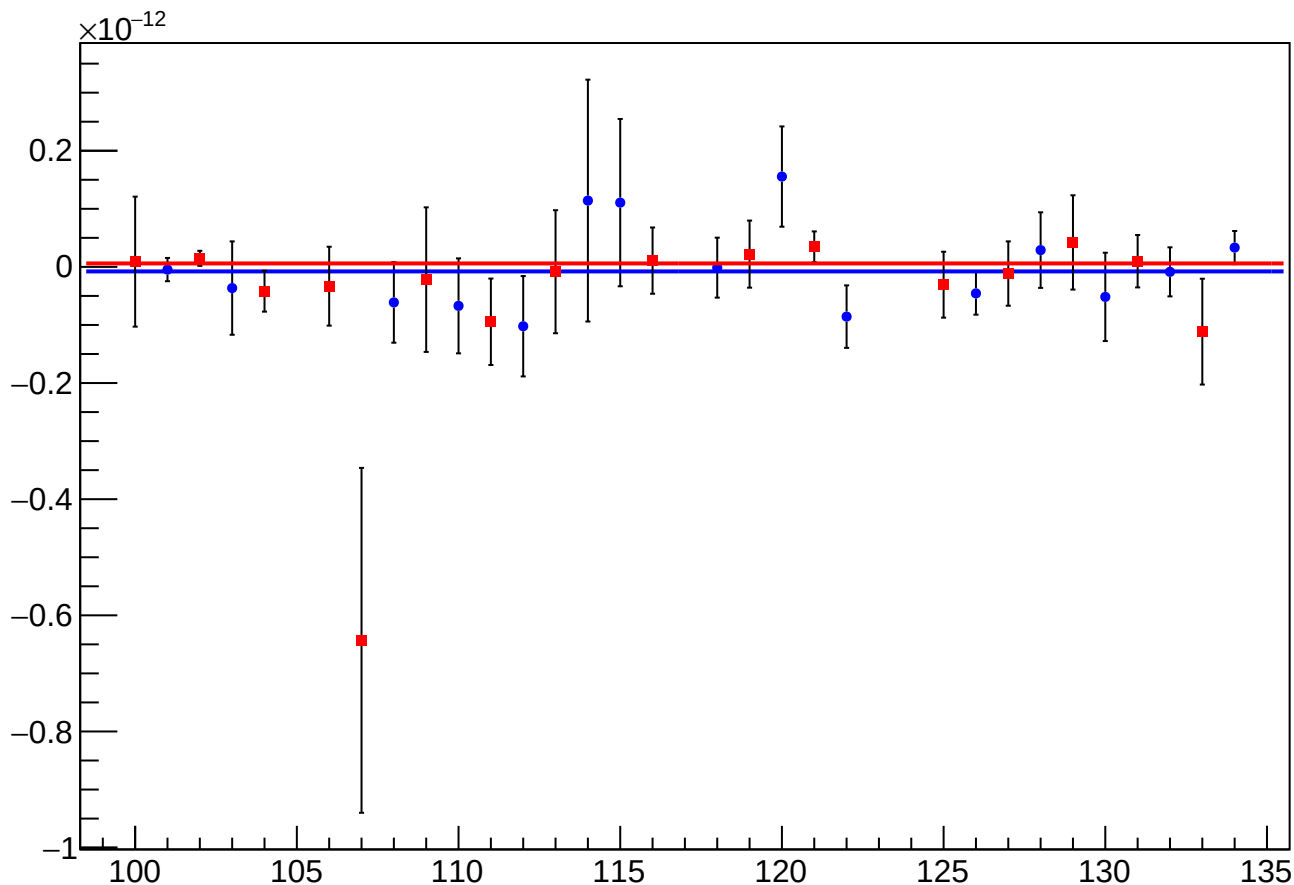
Right: 49.441+/-0.012 χ^2/NDF : 4591370.6/30

In: 49.971+/-0.016 χ^2/NDF :1811925.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.441+/-0.012 χ^2/NDF : 4591370.6/30

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

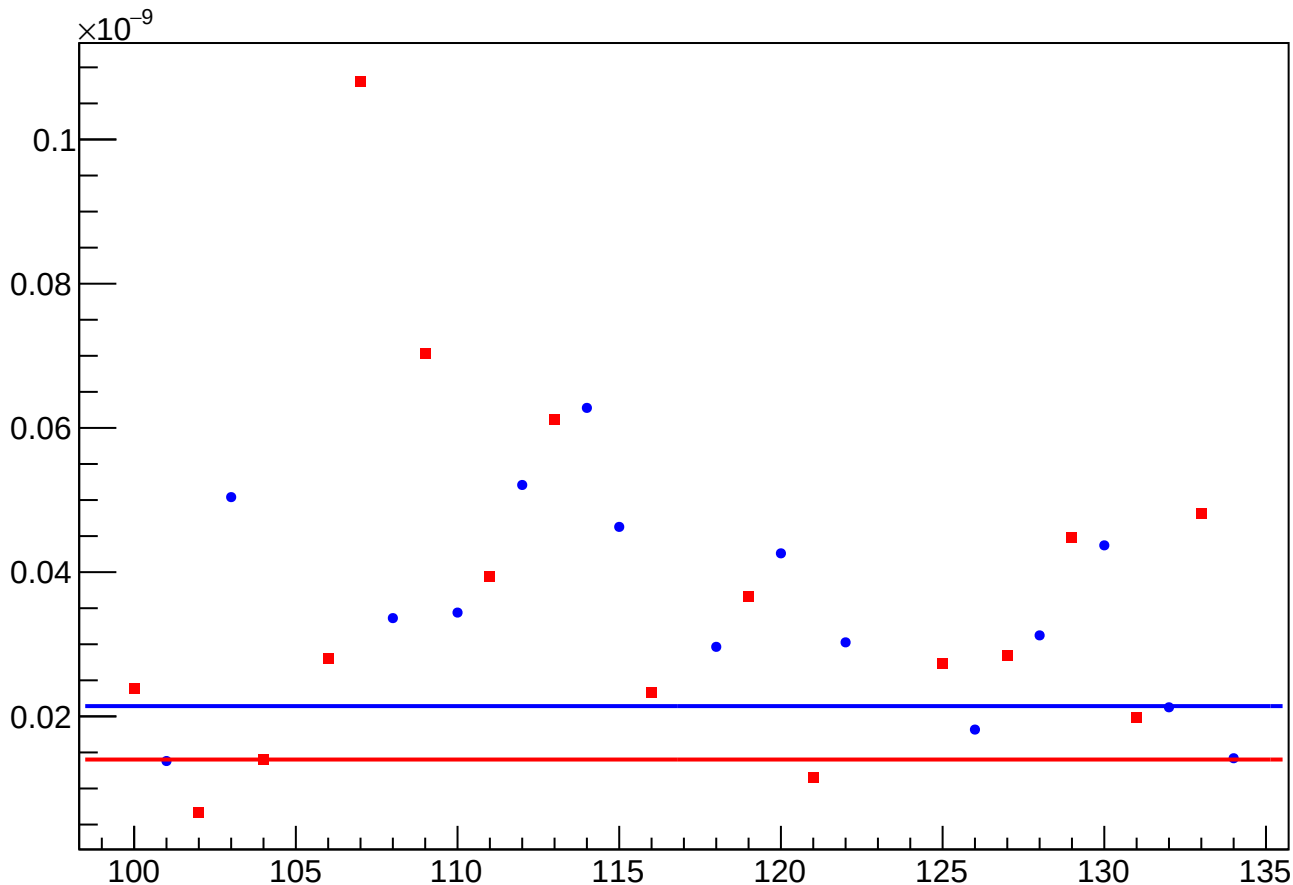
Right: 0.000+/-0.000 χ^2 /NDF: 26.7/30

In: -0.000+/-0.000 χ^2 /NDF:13.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.7/30

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1637727.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3210988.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

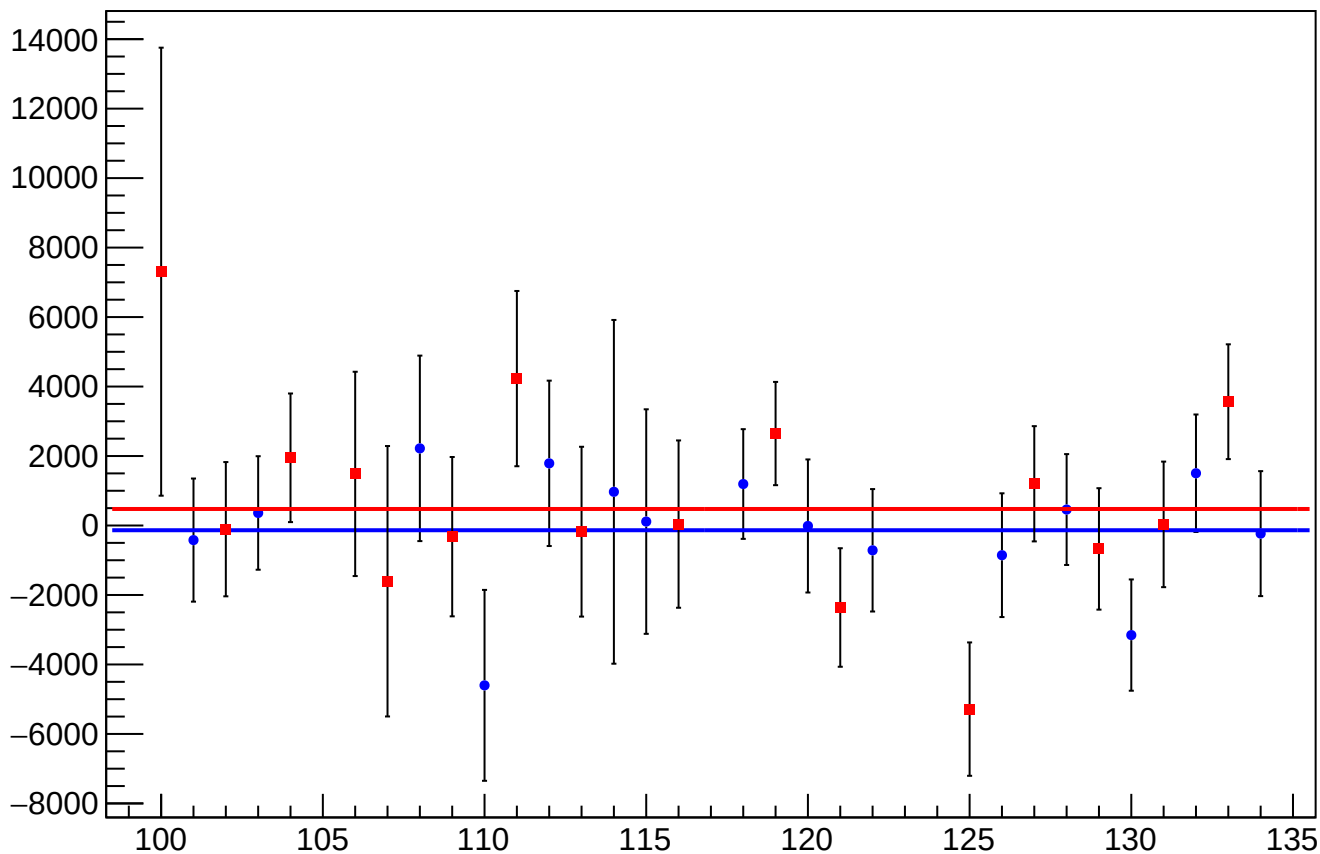
Right: 0.000+/-0.000 χ^2/NDF : 5315411.4/30

In: 0.000+/-0.000 χ^2/NDF : 1637727.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5315411.4/30

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -136.182+/-498.064 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.683+/-507.452 χ^2/NDF : 22.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

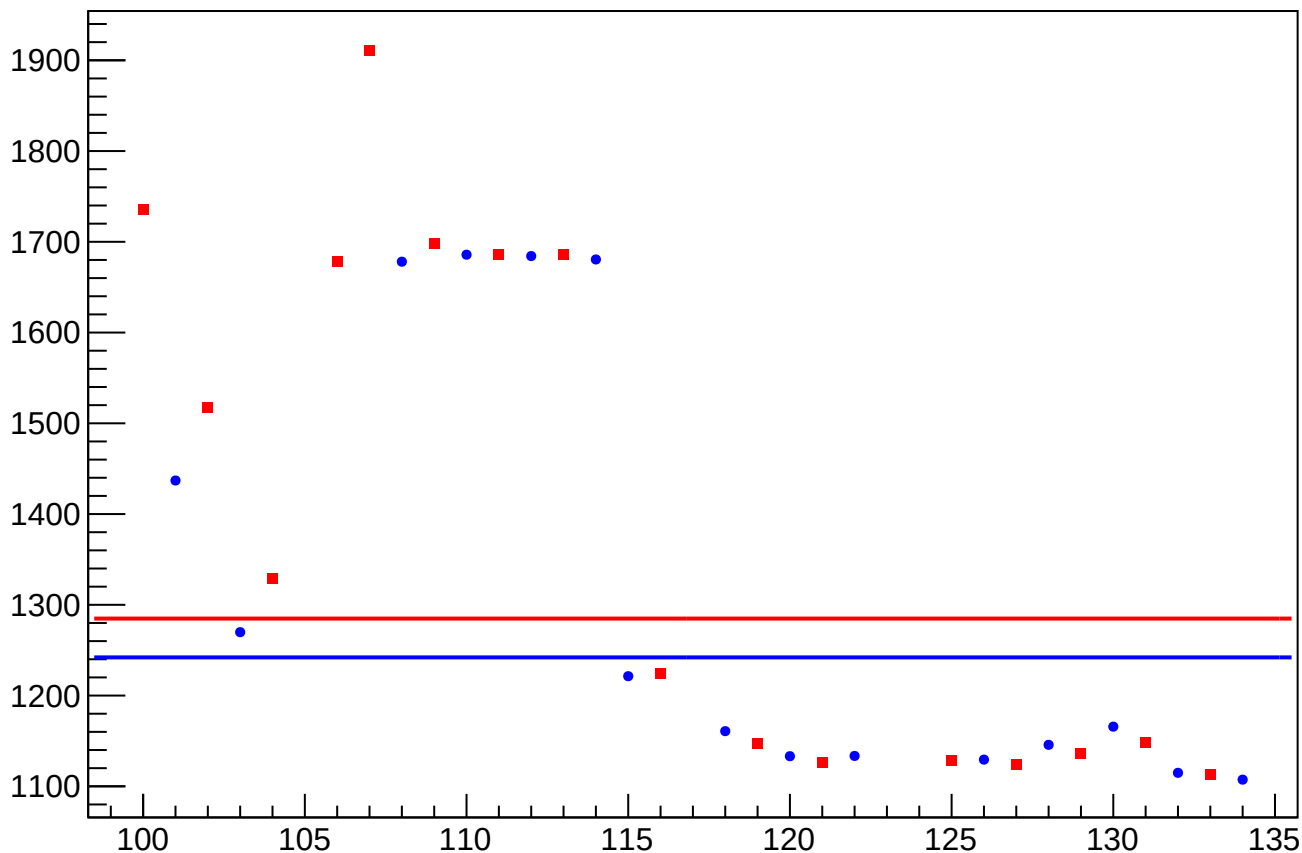
Right: 164.039+/-355.457 χ^2/NDF : 33.4/30

In: -136.182+/-498.064 χ^2/NDF : 9.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.039+/-355.457 χ^2/NDF : 33.4/30

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.840+/-0.359 χ^2/NDF : 412293.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

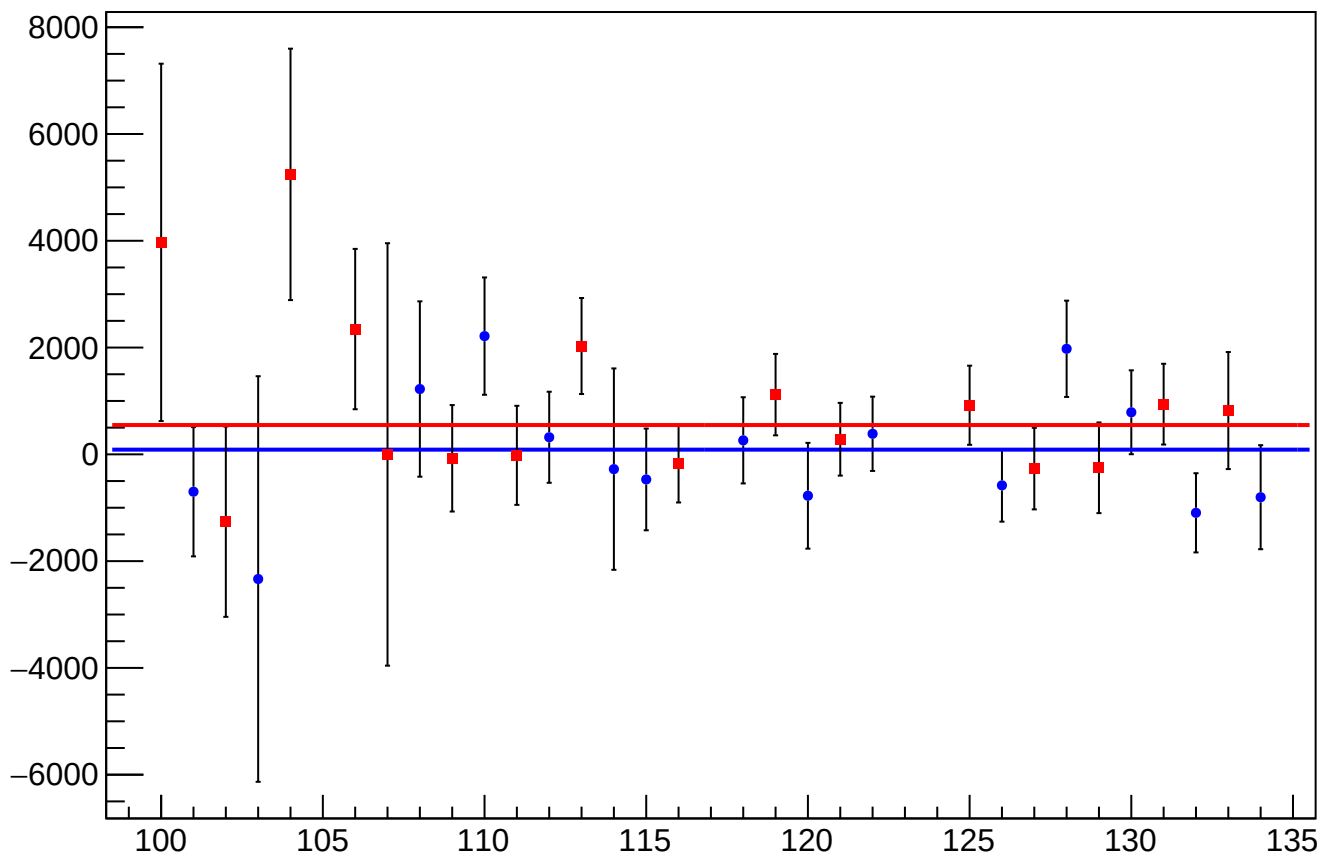
Right: 1263.052+/-0.251 χ^2/NDF : 696371.8/30

In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.052+/-0.251 χ^2/NDF : 696371.8/30

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 88.033+/-241.018 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 548.972+/-237.245 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

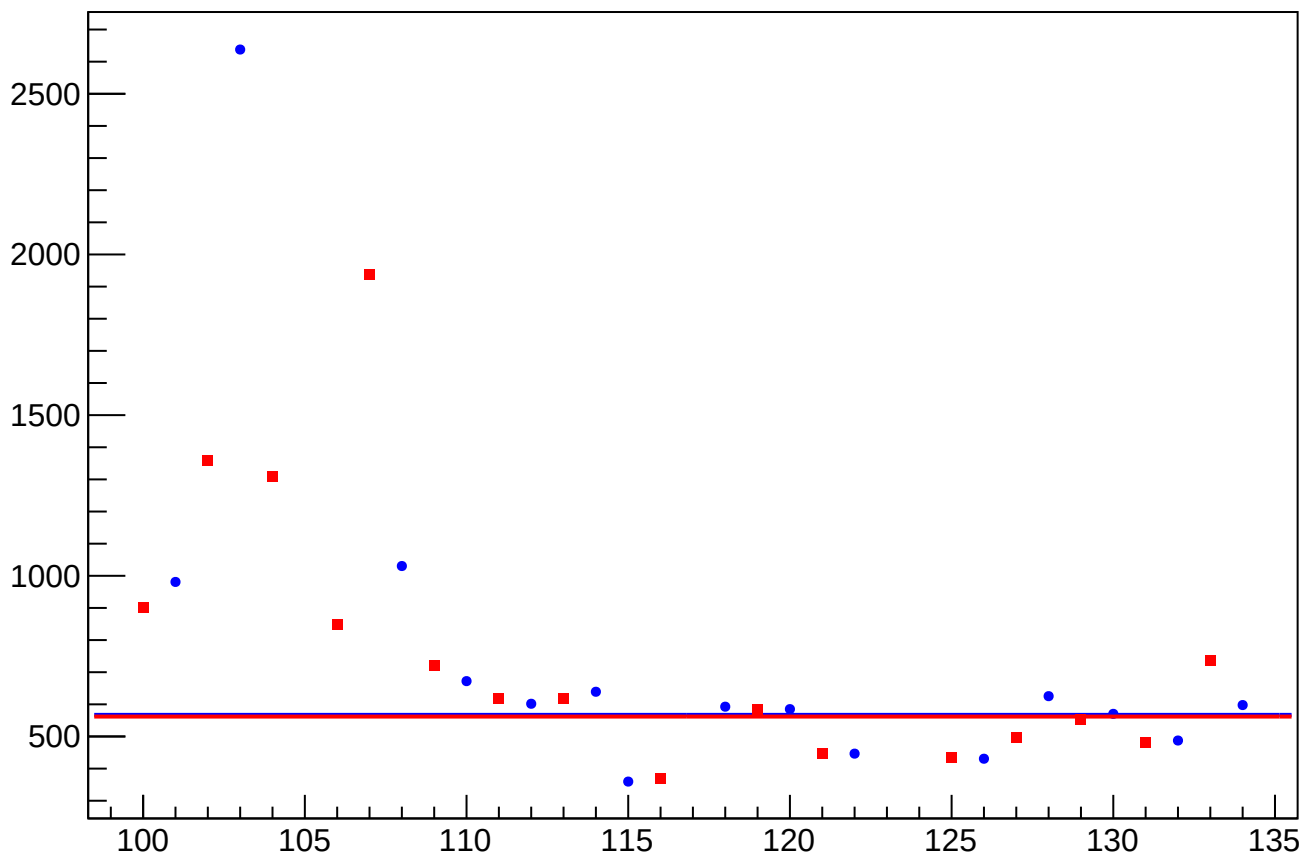
Right: 322.138+/-169.076 χ^2/NDF : 33.2/30

In: 88.033+/-241.018 χ^2/NDF :16.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 322.138+/-169.076 χ^2/NDF : 33.2/30

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 567.226+/-0.170 χ^2/NDF : 1283257.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.939+/-0.168 χ^2/NDF : 1351919.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

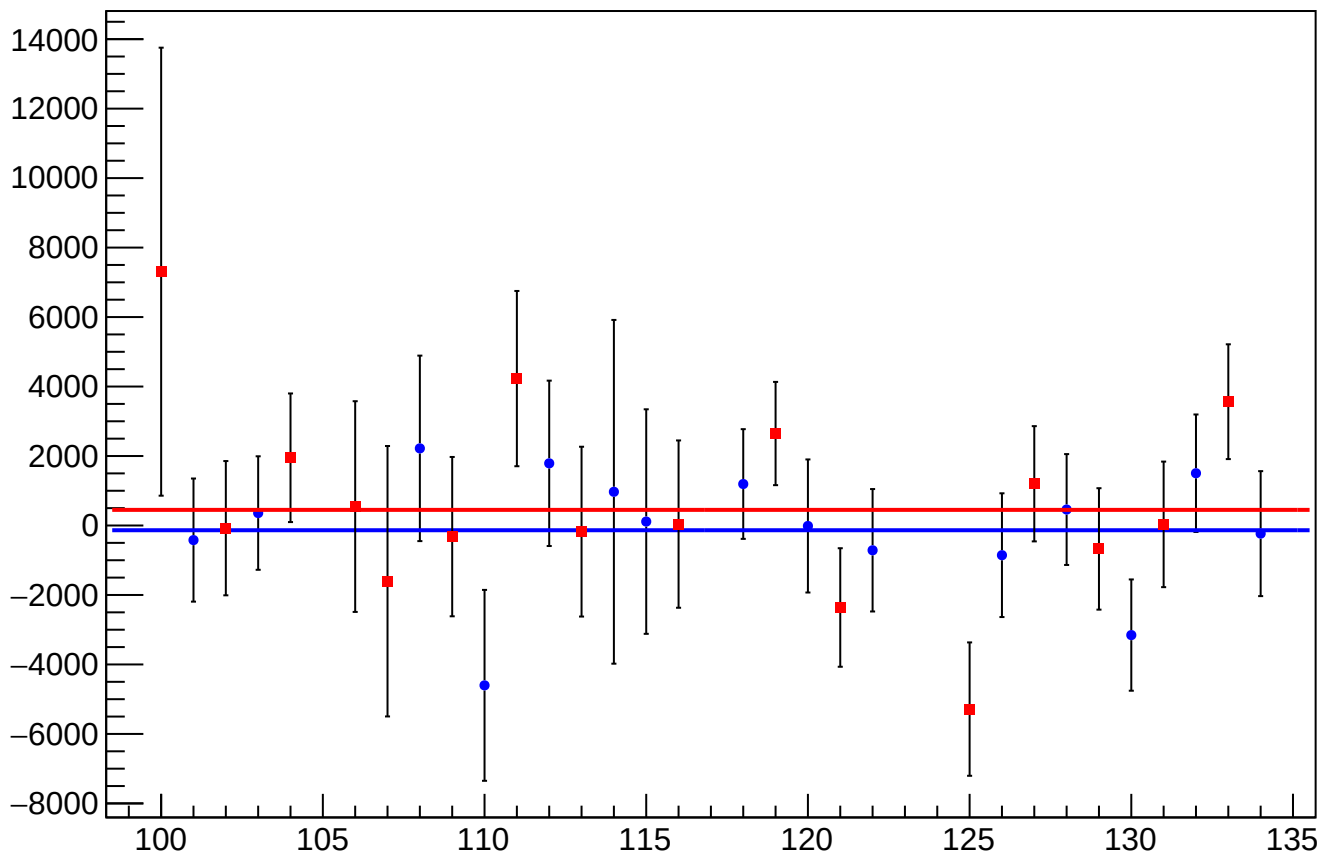
Right: 564.541+/-0.120 χ^2/NDF : 2635666.0/30

In: 567.226+/-0.170 χ^2/NDF : 1283257.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.541+/-0.120 χ^2/NDF : 2635666.0/30

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -136.445+/-498.064 χ^2 /NDF: 9.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 449.642+/-507.910 χ^2 /NDF: 22.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

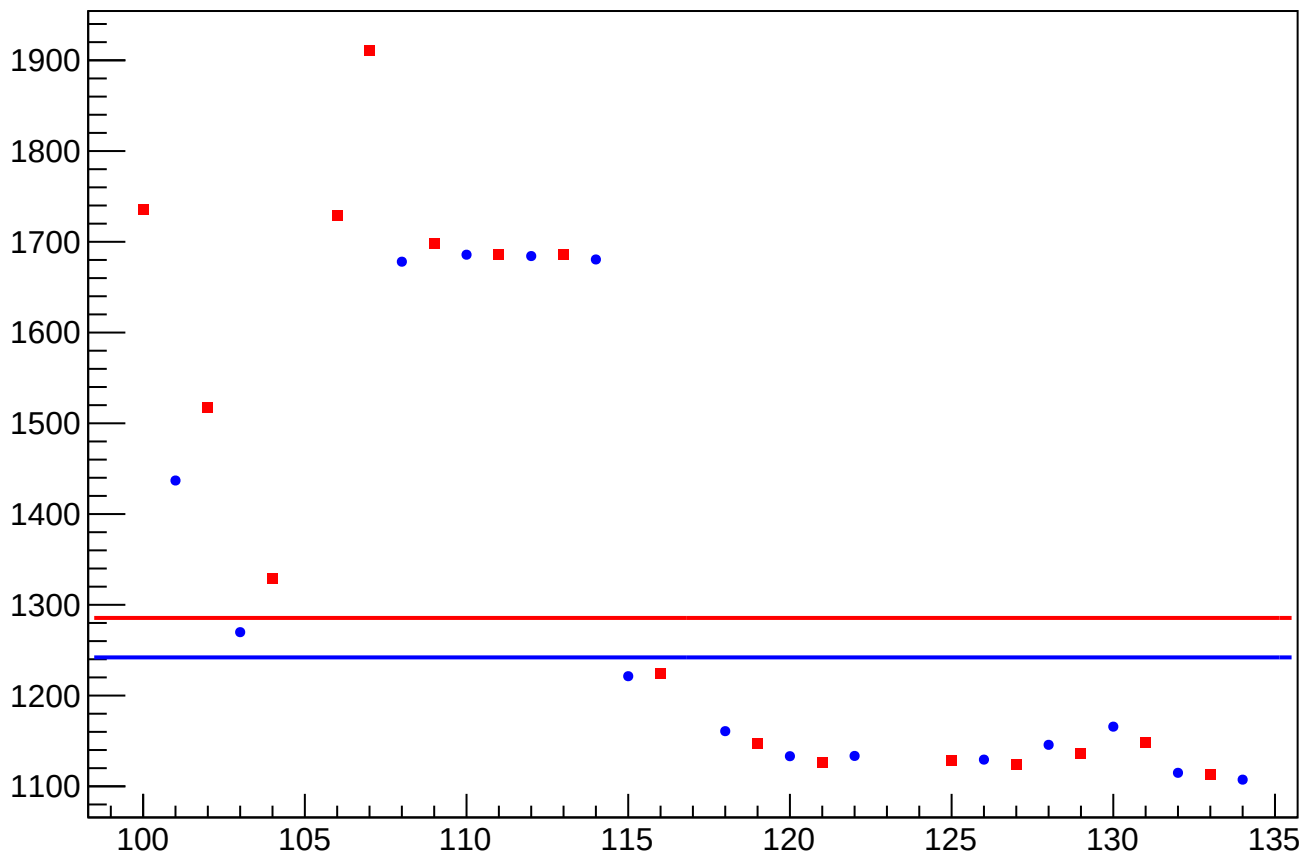
Right: 150.863+/-355.615 χ^2 /NDF: 33.2/30

In: -136.445+/-498.064 χ^2 /NDF:9.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 150.863+/-355.615 χ^2 /NDF: 33.2/30

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.538+/-0.359 χ^2/NDF : 419238.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

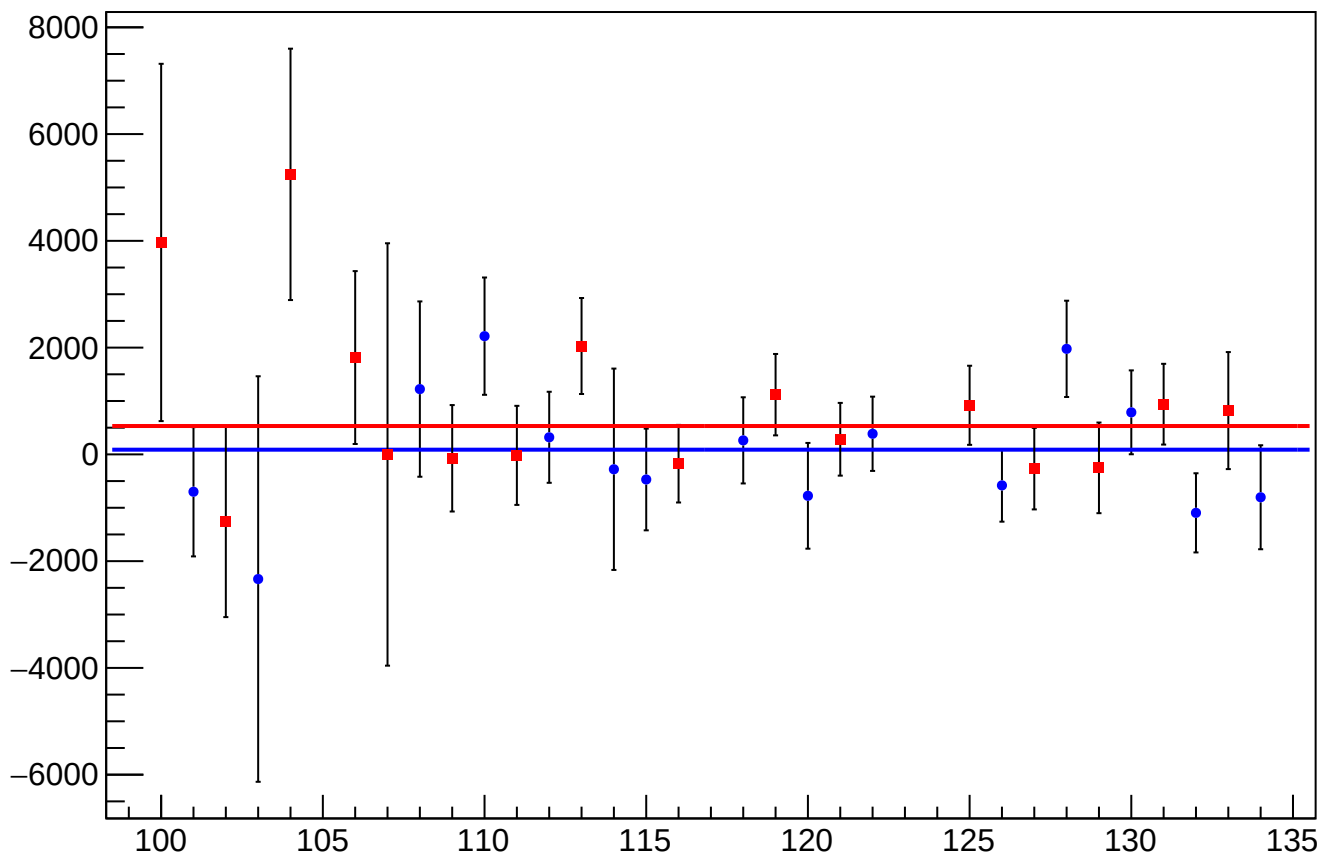
Right: 1263.375+/-0.251 χ^2/NDF : 703548.5/30

In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.375+/-0.251 χ^2/NDF : 703548.5/30

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 88.025+/-241.016 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.332+/-237.659 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

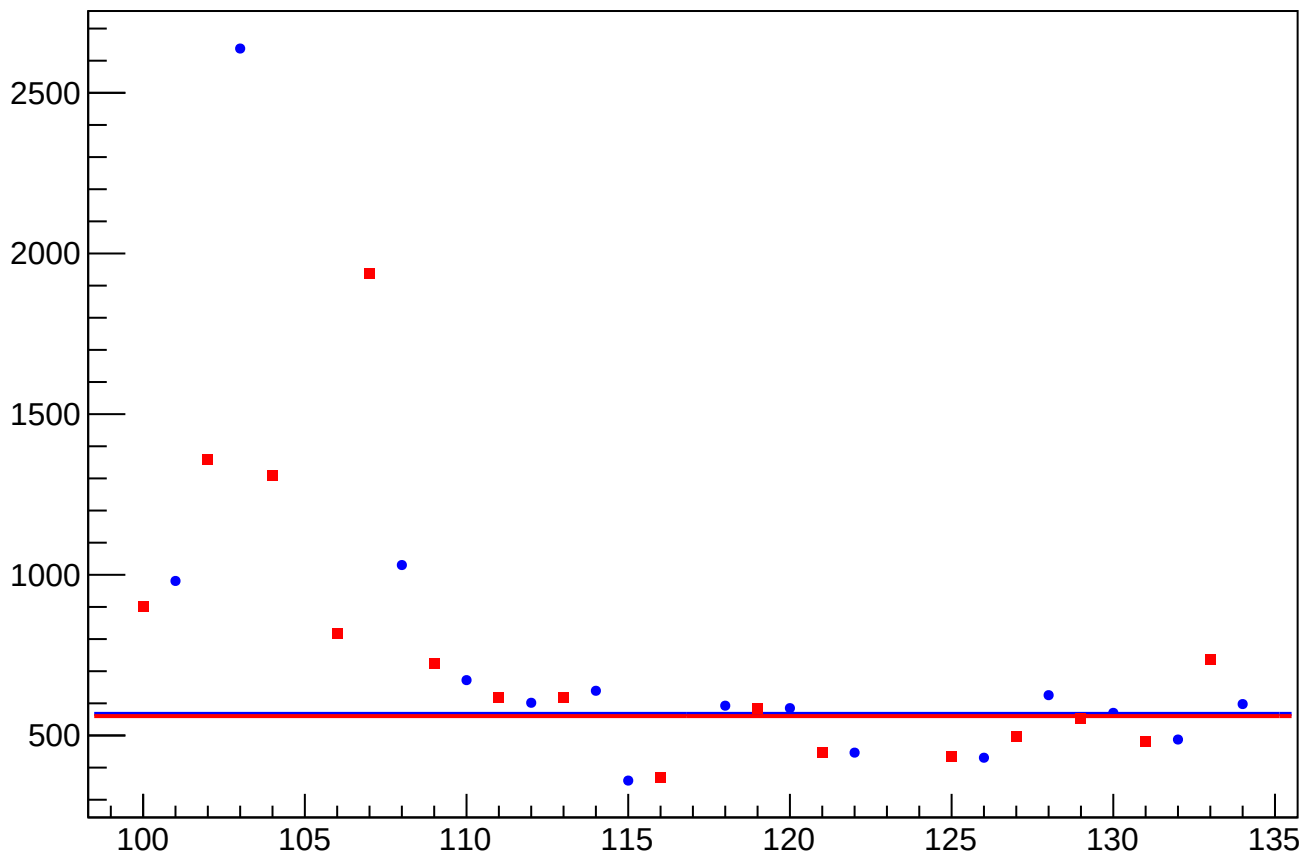
Right: 312.787+/-169.225 χ^2/NDF : 32.2/30

In: 88.025+/-241.016 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.787+/-169.225 χ^2/NDF : 32.2/30

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 567.220+/-0.170 χ^2/NDF : 1283235.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.263+/-0.168 χ^2/NDF : 1329108.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

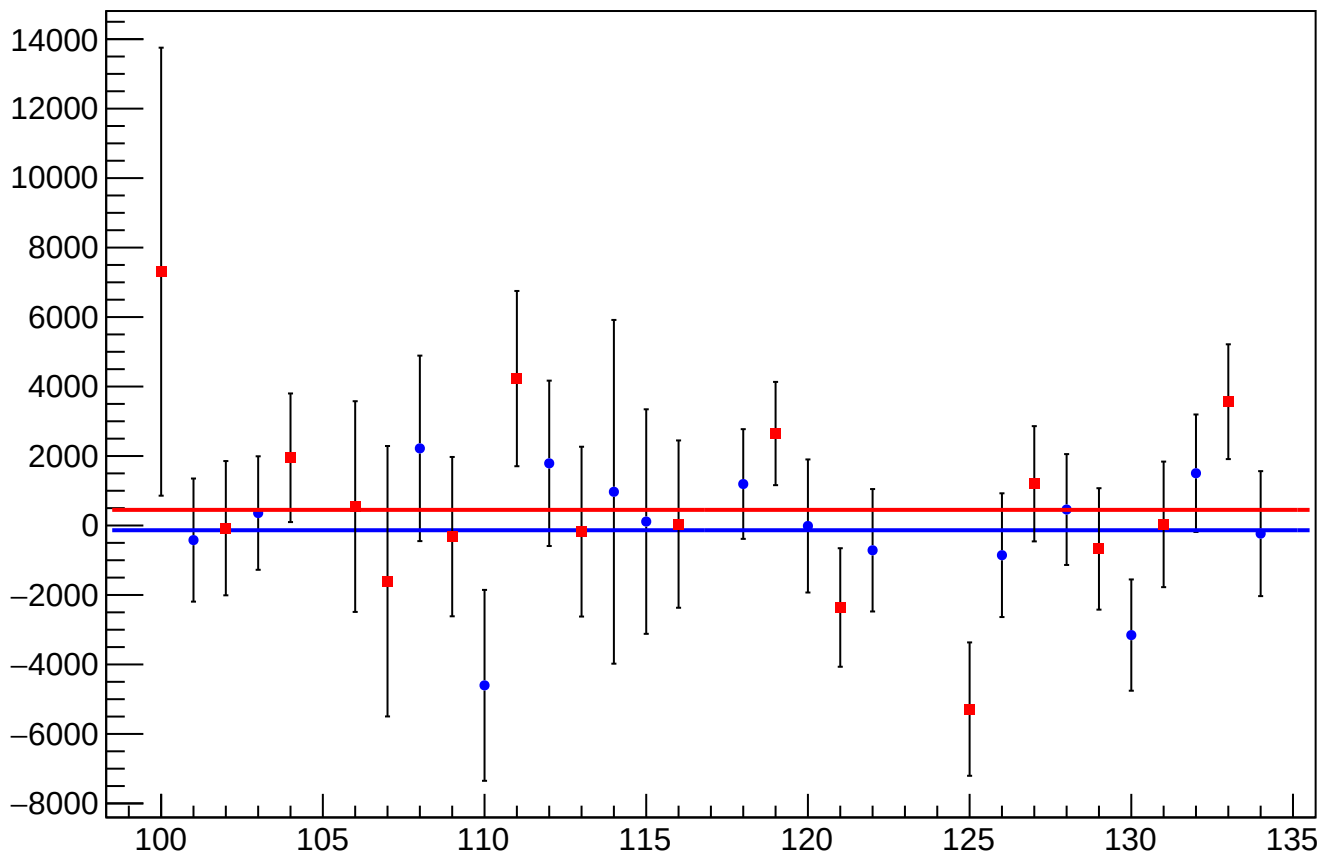
Right: 563.693+/-0.120 χ^2/NDF : 2613189.4/30

In: 567.220+/-0.170 χ^2/NDF : 1283235.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.693+/-0.120 χ^2/NDF : 2613189.4/30

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -136.445+/-498.064 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 449.642+/-507.910 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

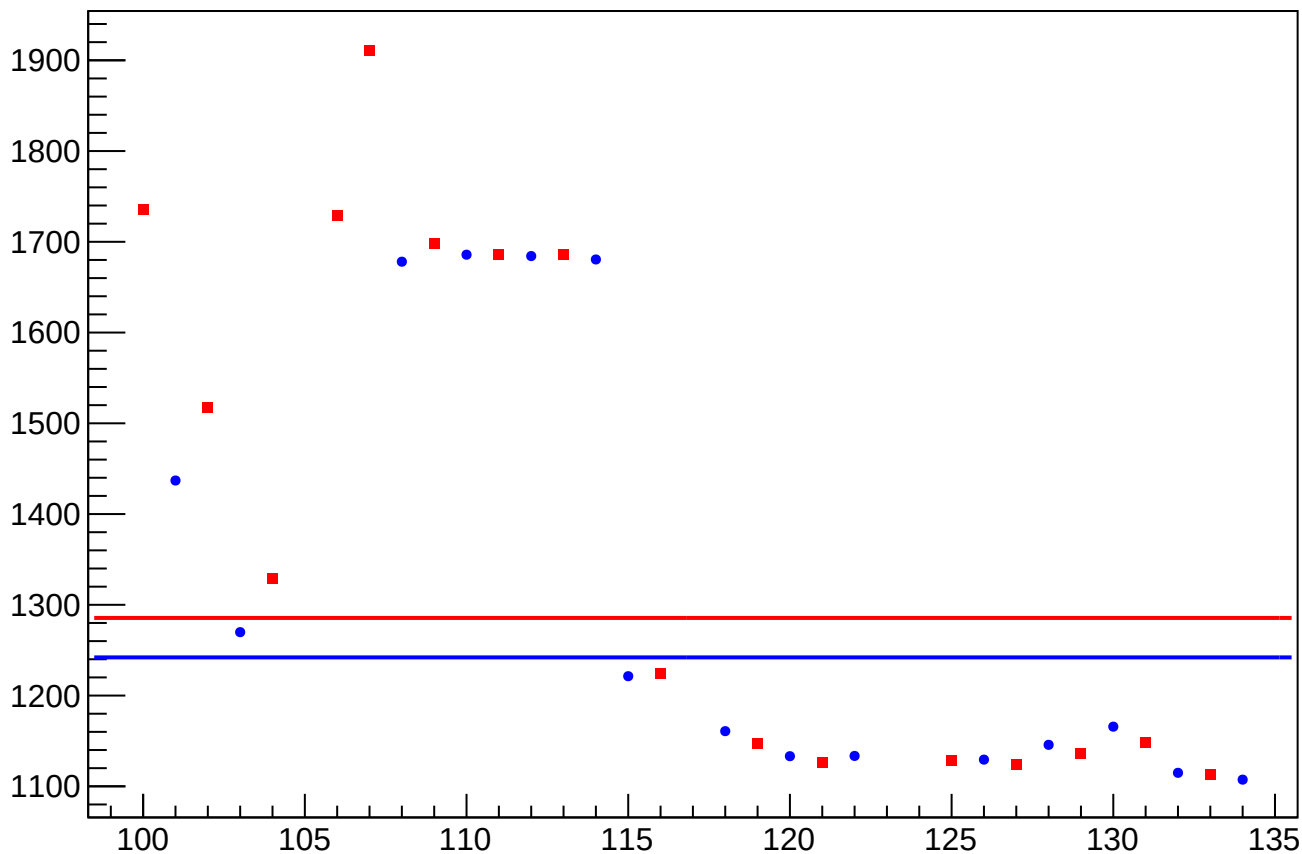
Right: 150.863+/-355.615 χ^2/NDF : 33.2/30

In: -136.445+/-498.064 χ^2/NDF :9.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.863+/-355.615 χ^2/NDF : 33.2/30

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.538+/-0.359 χ^2/NDF : 419238.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

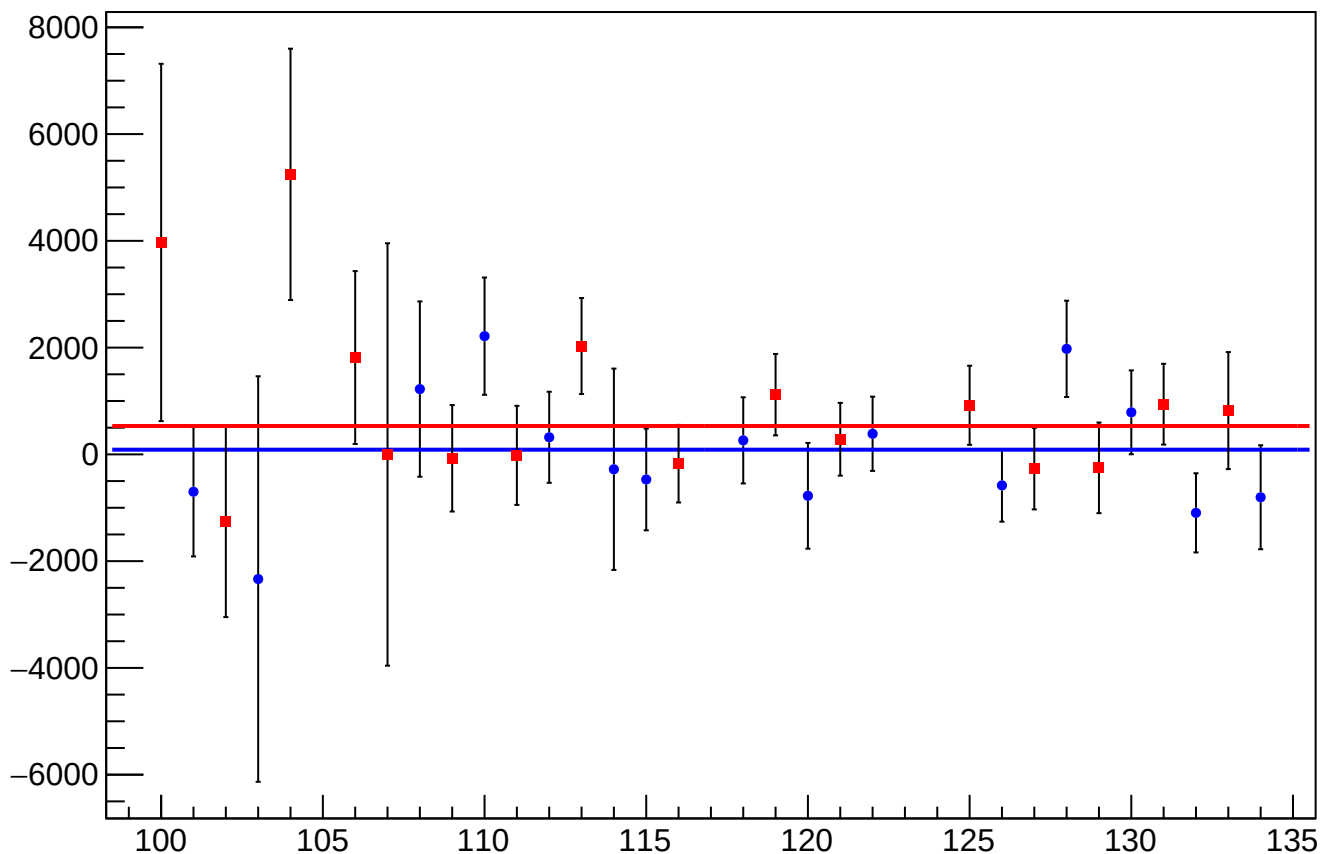
Right: 1263.375+/-0.251 χ^2/NDF : 703548.5/30

In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.375+/-0.251 χ^2/NDF : 703548.5/30

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 88.025+/-241.016 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.332+/-237.659 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

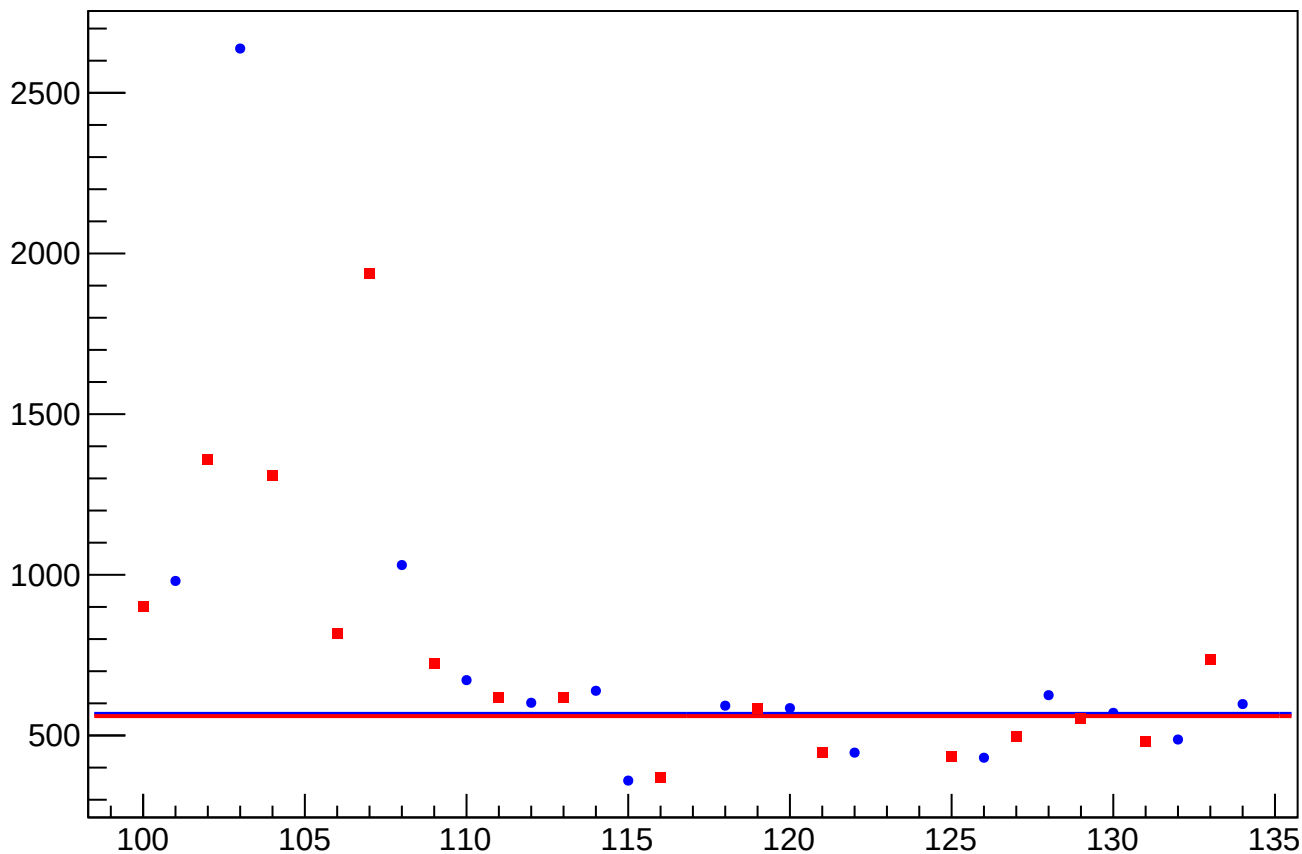
Right: 312.787+/-169.225 χ^2/NDF : 32.2/30

In: 88.025+/-241.016 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.787+/-169.225 χ^2/NDF : 32.2/30

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 567.220+/-0.170 χ^2/NDF : 1283235.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.263+/-0.168 χ^2/NDF : 1329108.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

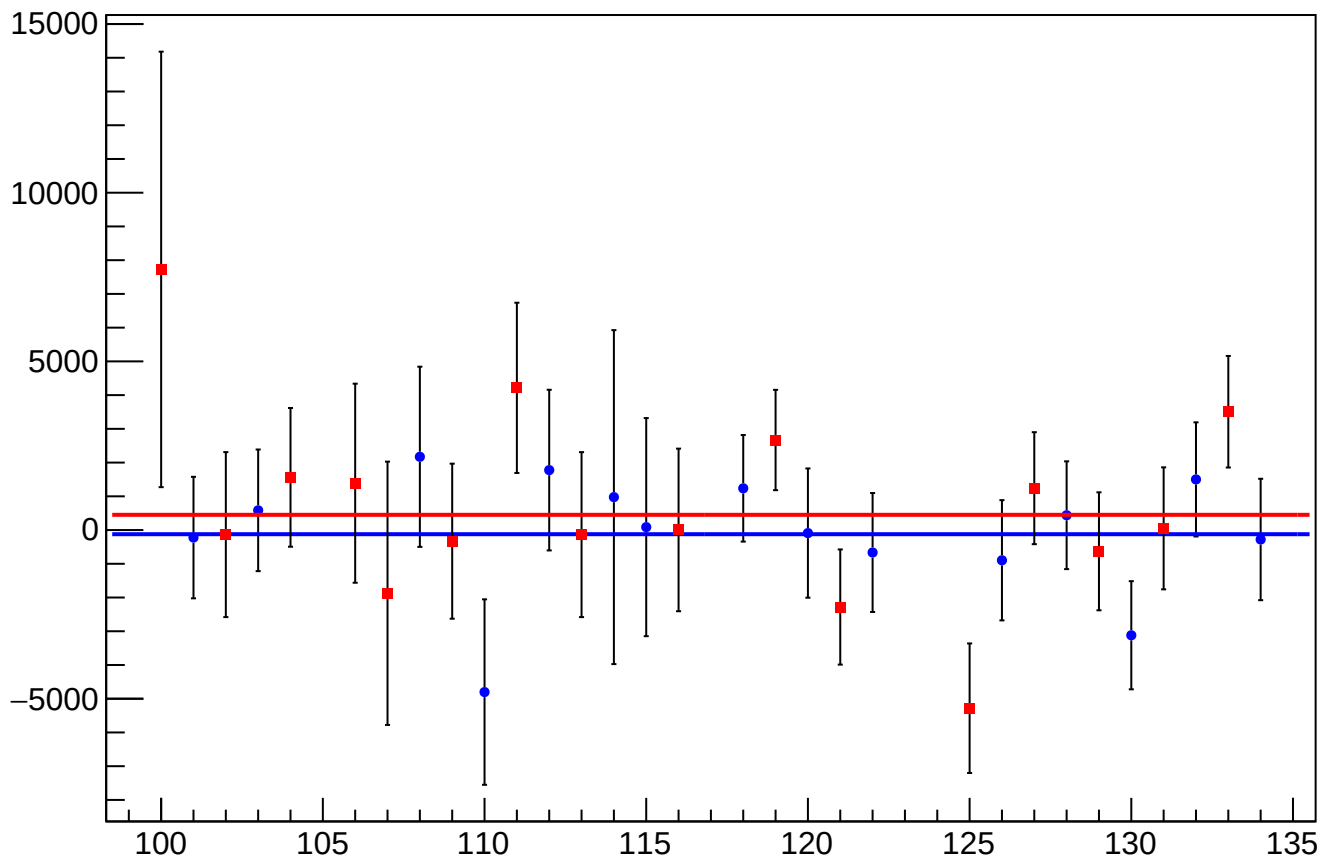
Right: 563.693+/-0.120 χ^2/NDF : 2613189.4/30

In: 567.220+/-0.170 χ^2/NDF : 1283235.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.693+/-0.120 χ^2/NDF : 2613189.4/30

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -123.137+/-503.136 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 451.693+/-518.313 χ^2/NDF : 22.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

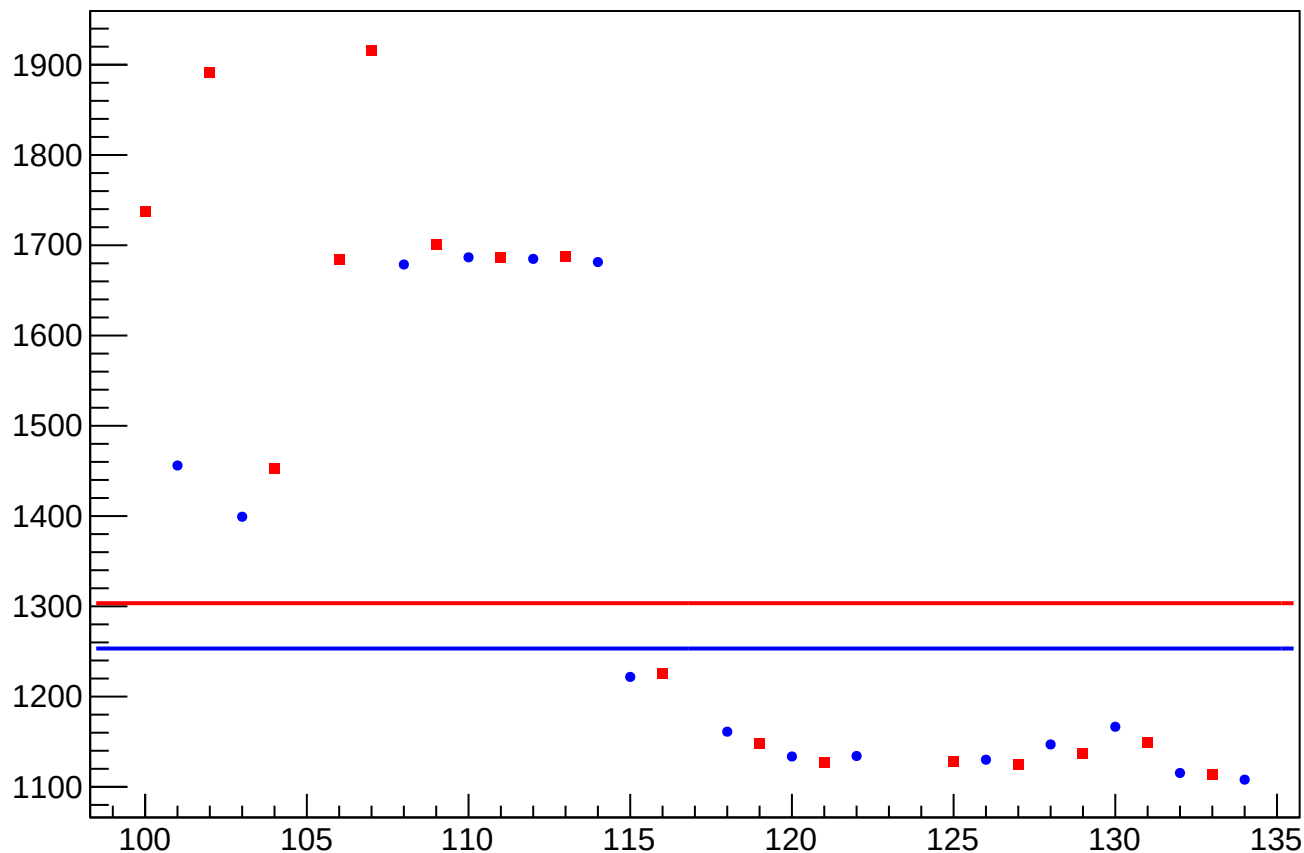
Right: 155.739+/-361.017 χ^2/NDF : 33.0/30

In: -123.137+/-503.136 χ^2/NDF : 10.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.739+/-361.017 χ^2/NDF : 33.0/30

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1253.267+/-0.356 χ^2/NDF : 294101.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.456+/-0.367 χ^2/NDF : 517628.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

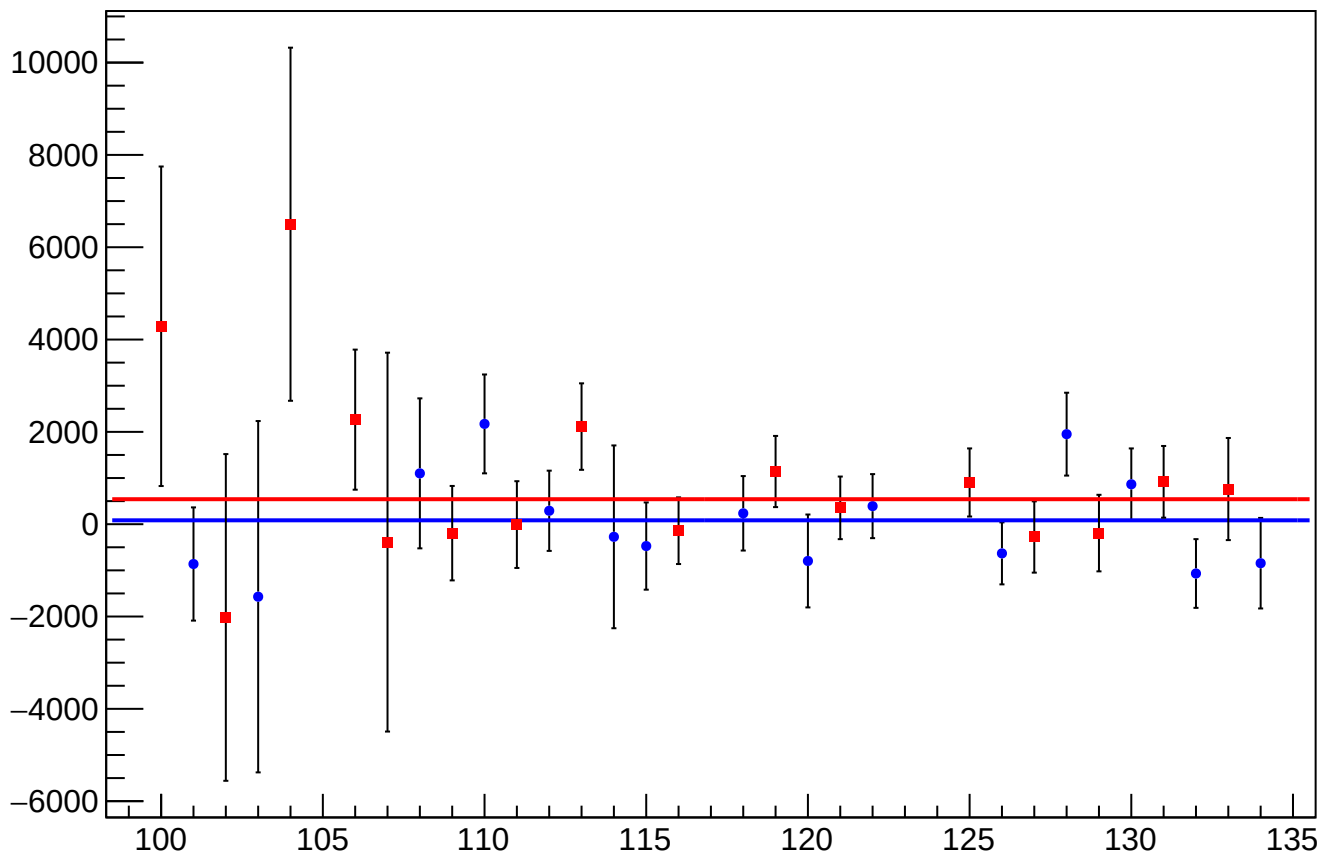
Right: 1277.616+/-0.255 χ^2/NDF : 821385.1/30

In: 1253.267+/-0.356 χ^2/NDF : 294101.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.616+/-0.255 χ^2/NDF : 821385.1/30

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 84.127+/-240.776 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.341+/-241.306 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

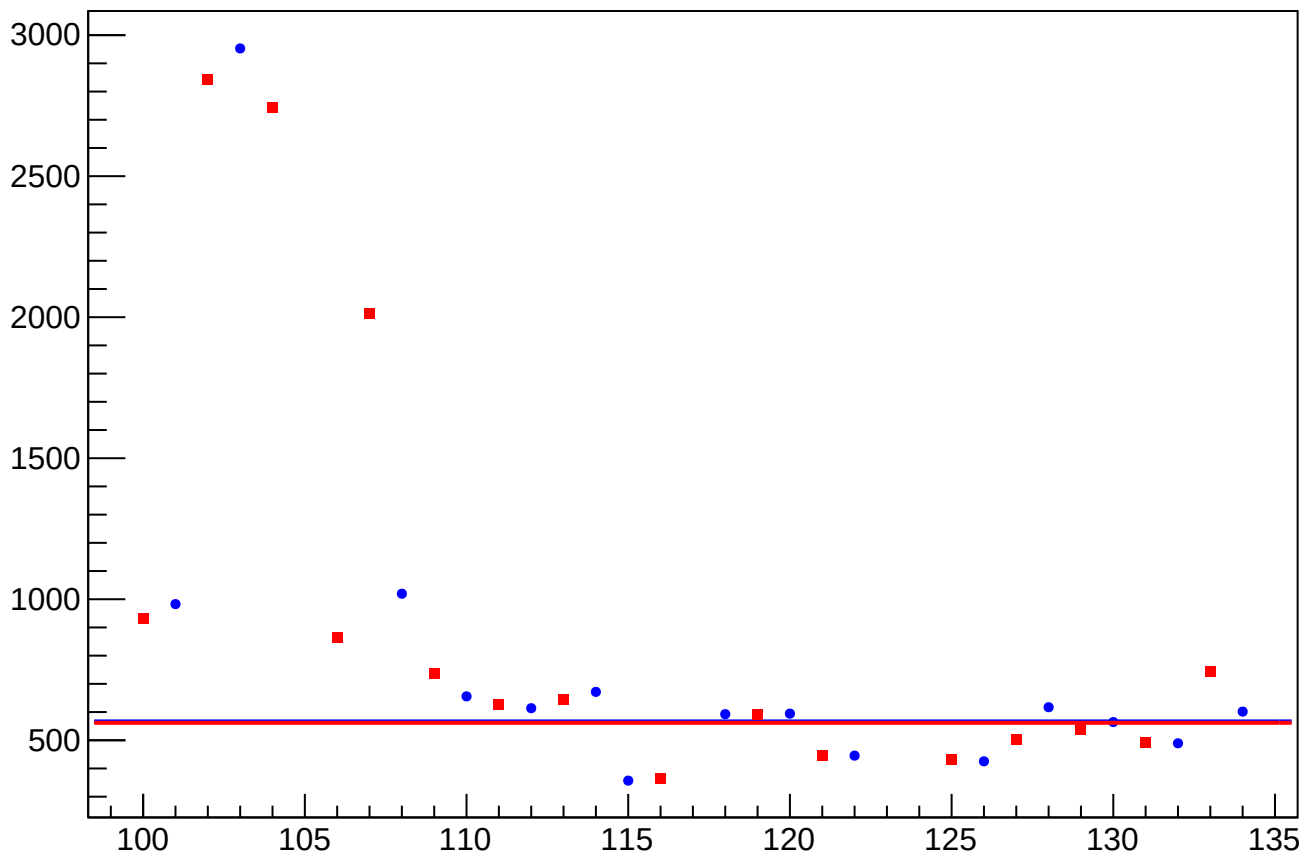
Right: 312.232+/-170.442 χ^2/NDF : 31.1/30

In: 84.127+/-240.776 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.232+/-170.442 χ^2/NDF : 31.1/30

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 566.840+/-0.170 χ^2/NDF : 1479446.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.927+/-0.171 χ^2/NDF : 2273009.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

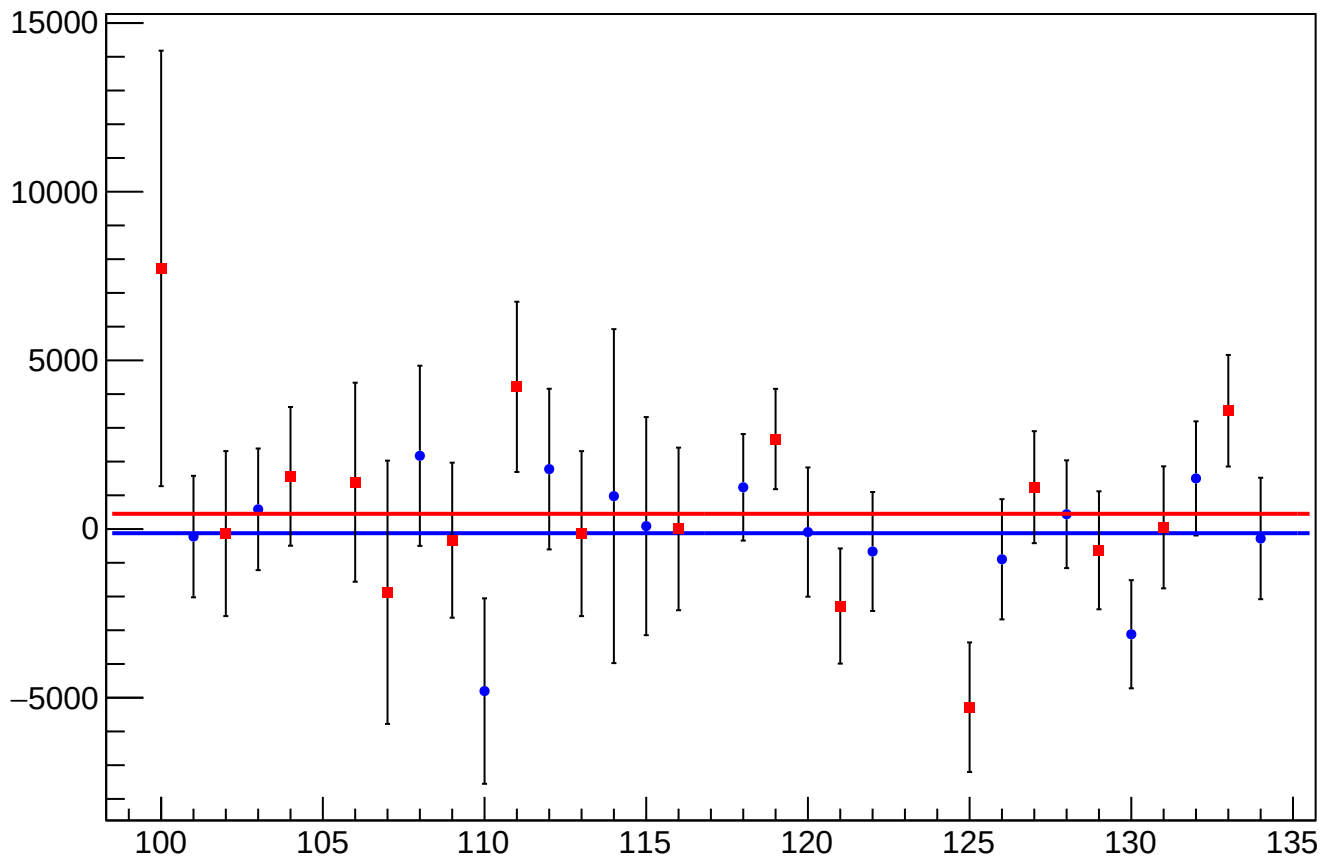
Right: 564.389+/-0.121 χ^2/NDF : 3752871.9/30

In: 566.840+/-0.170 χ^2/NDF : 1479446.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.389+/-0.121 χ^2/NDF : 3752871.9/30

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -123.136+/-503.136 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 451.693+/-518.313 χ^2/NDF : 22.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

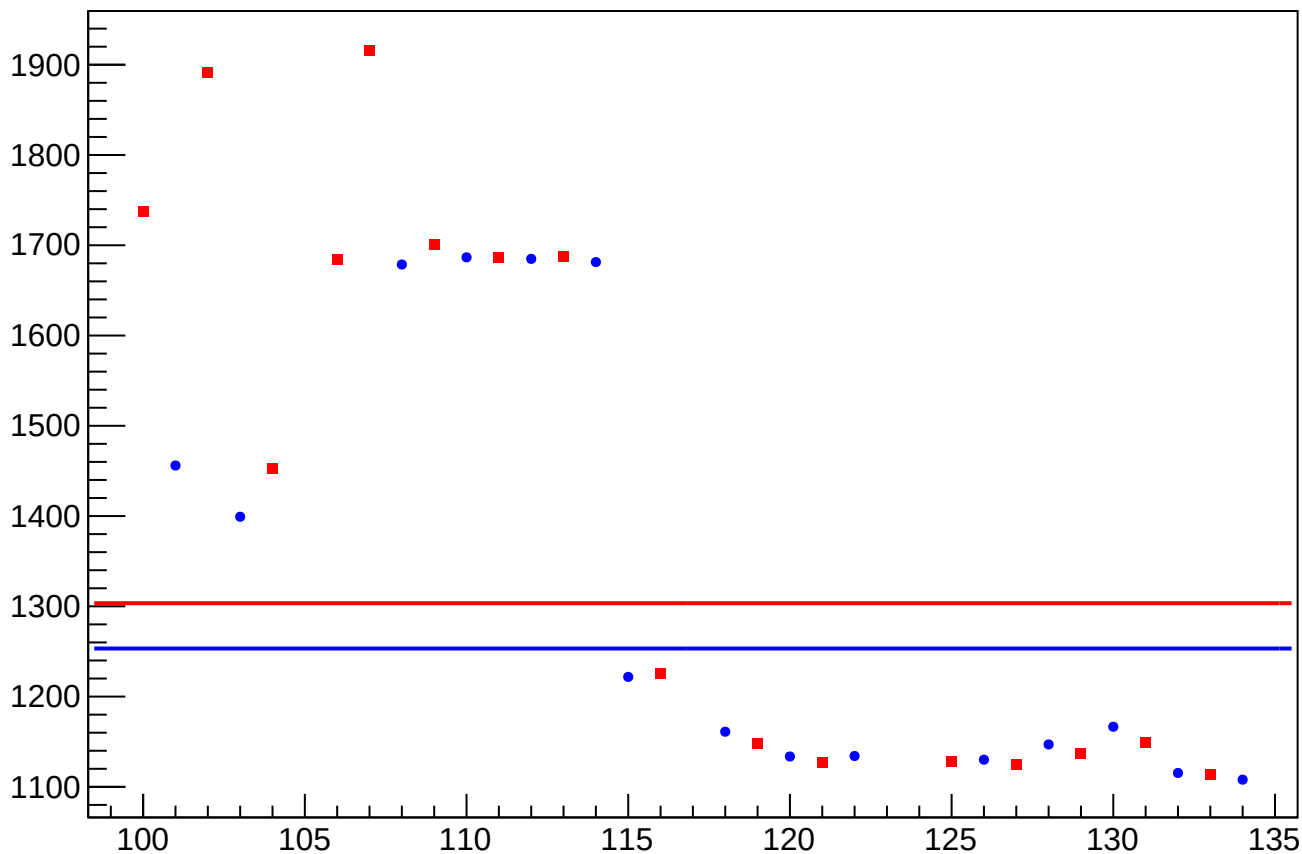
Right: 155.740+/-361.017 χ^2/NDF : 33.0/30

In: -123.136+/-503.136 χ^2/NDF : 10.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.740+/-361.017 χ^2/NDF : 33.0/30

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1253.267+/-0.356 χ^2/NDF : 294101.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1303.456+/-0.367 χ^2/NDF : 517628.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

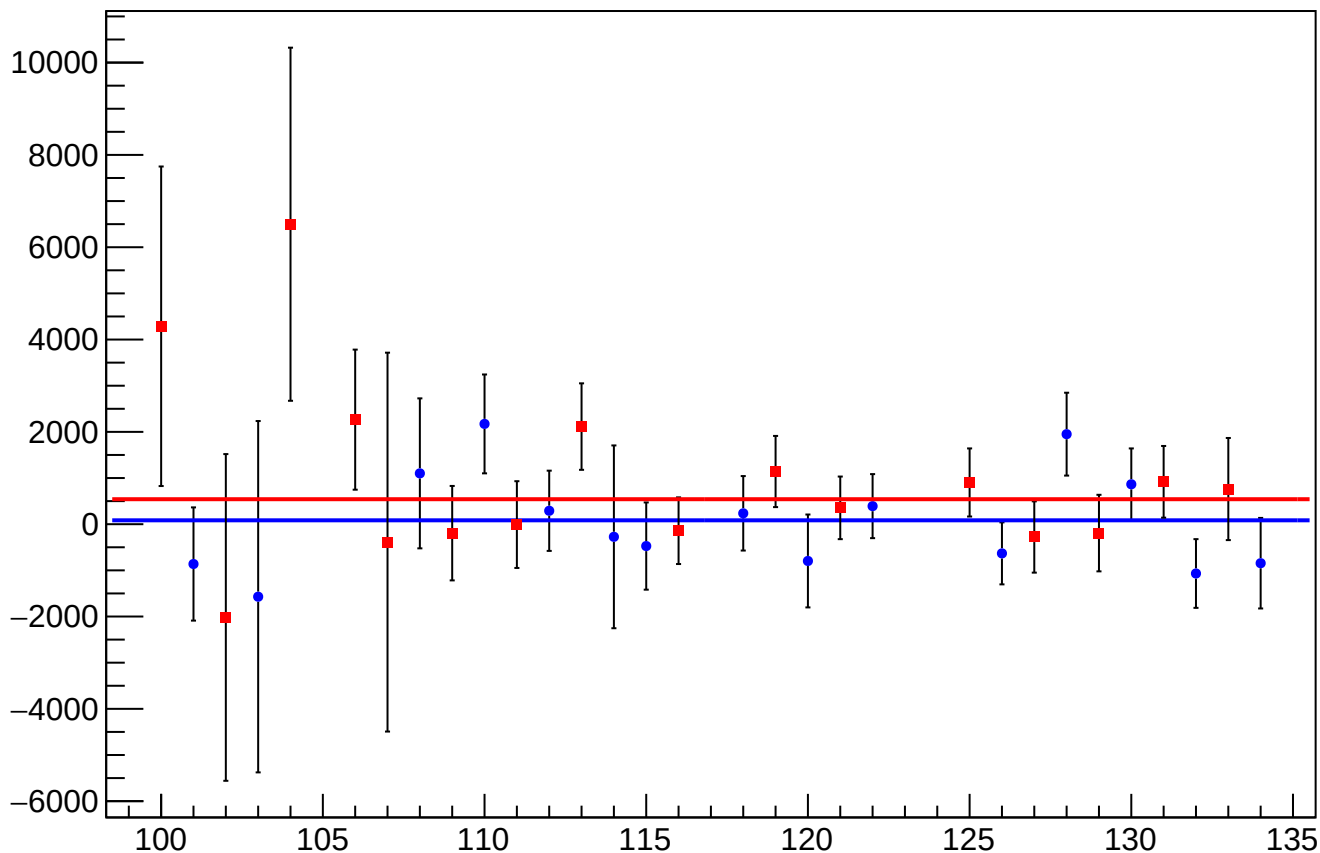
Right: 1277.616+/-0.255 χ^2/NDF : 821384.3/30

In: 1253.267+/-0.356 χ^2/NDF :294101.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1277.616+/-0.255 χ^2/NDF : 821384.3/30

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 84.127+/-240.776 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.342+/-241.306 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

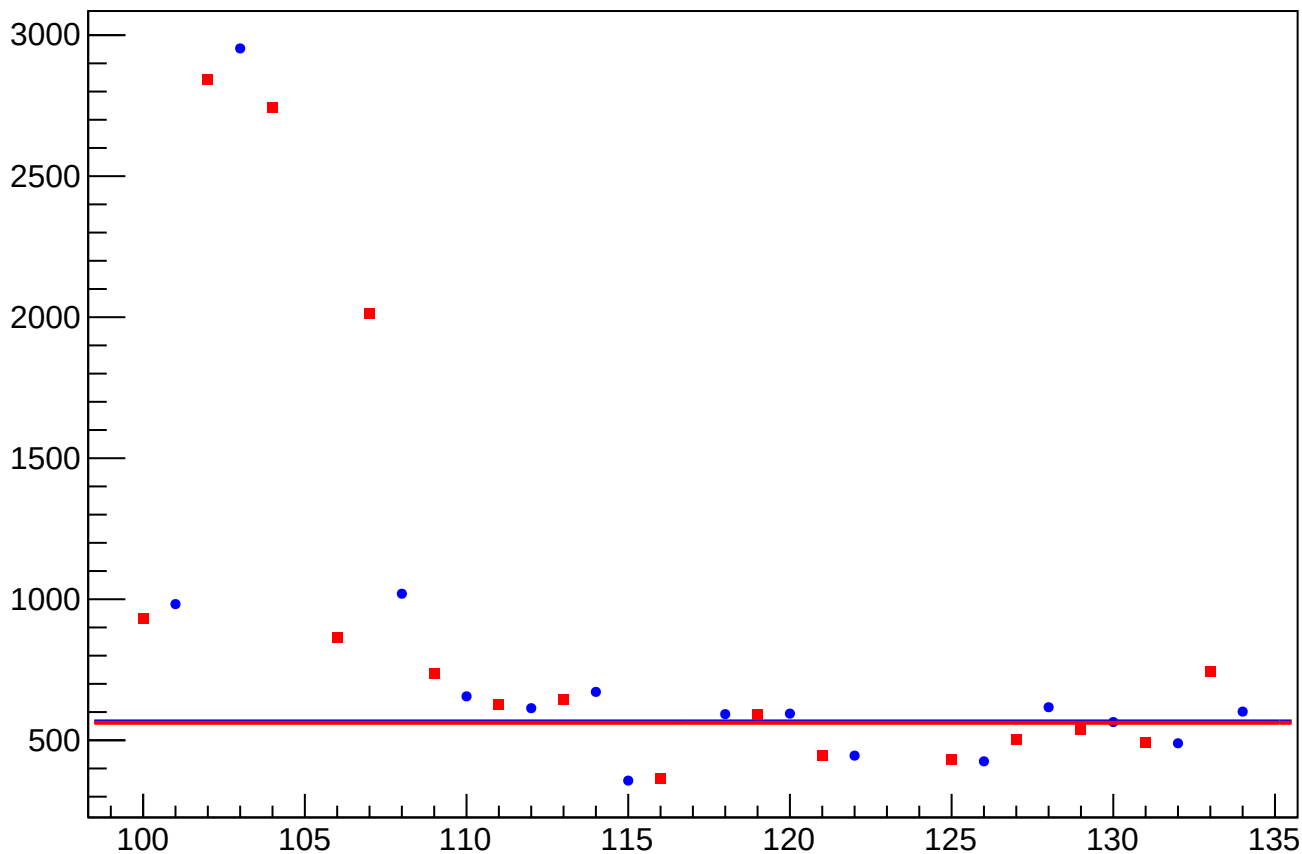
Right: 312.232+/-170.442 χ^2/NDF : 31.1/30

In: 84.127+/-240.776 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.232+/-170.442 χ^2/NDF : 31.1/30

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 566.840+/-0.170 χ^2/NDF : 1479444.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.927+/-0.171 χ^2/NDF : 2273010.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

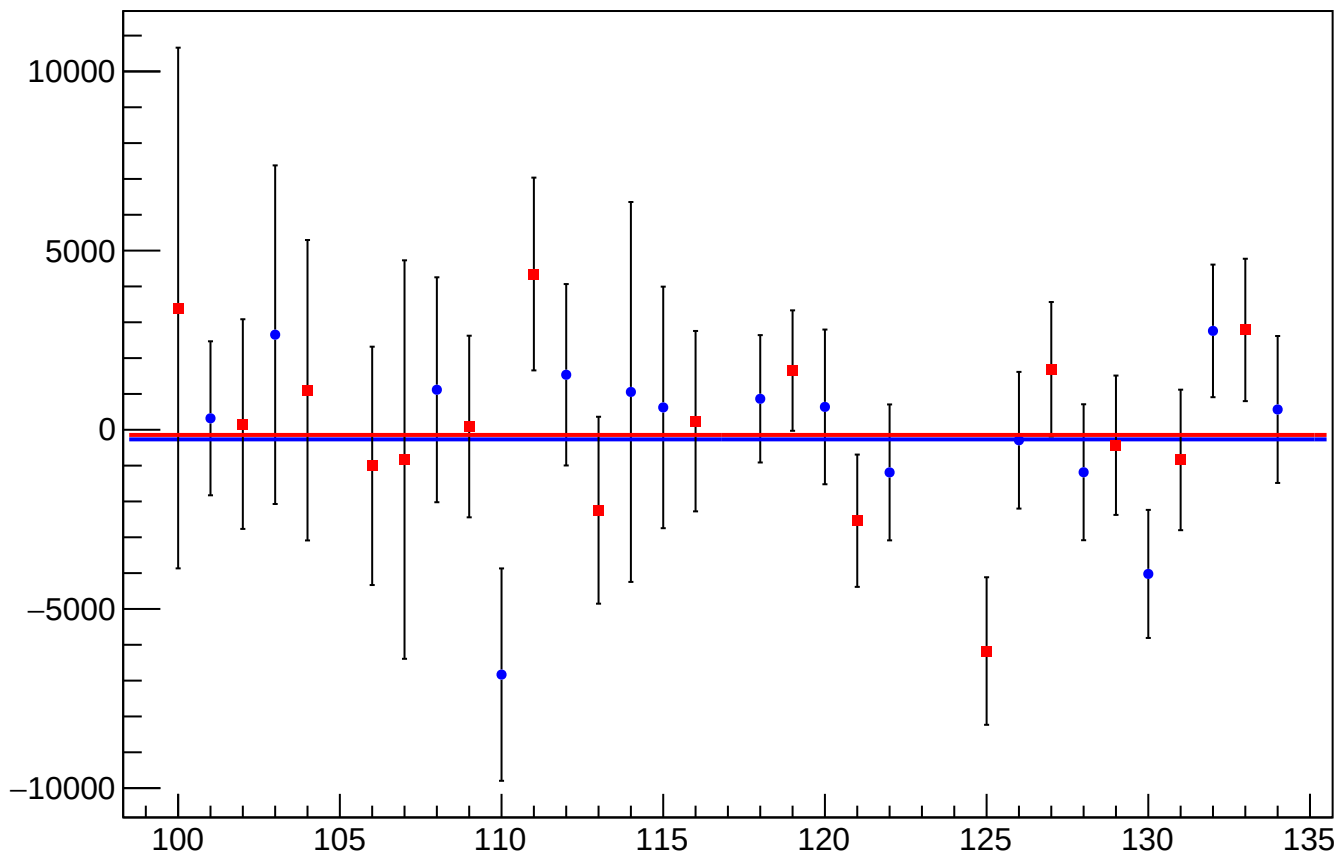
Right: 564.389+/-0.121 χ^2/NDF : 3752870.1/30

In: 566.840+/-0.170 χ^2/NDF : 1479444.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.389+/-0.121 χ^2/NDF : 3752870.1/30

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -267.654+/-581.064 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.842+/-591.271 χ^2/NDF : 18.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

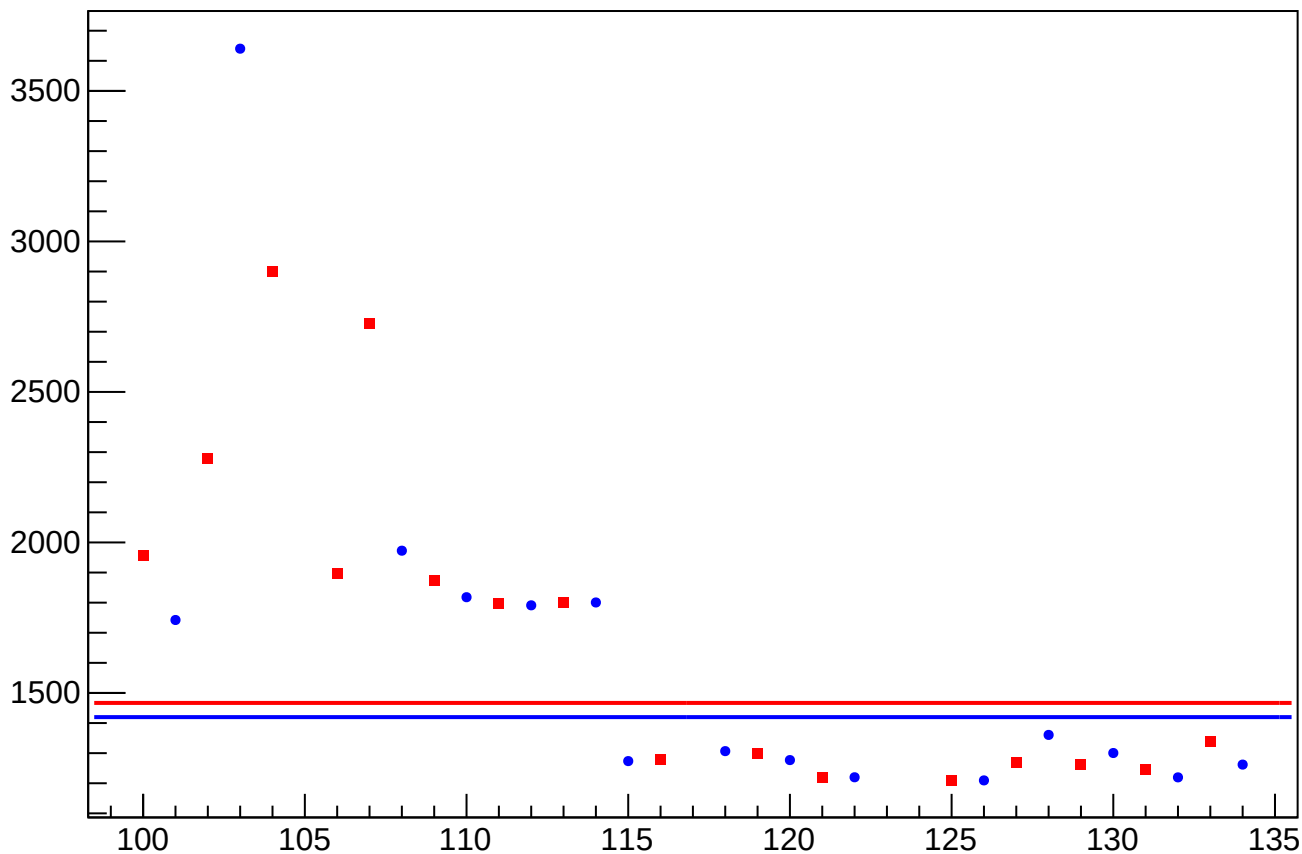
Right: -206.826+/-414.436 χ^2/NDF : 33.1/30

In: -267.654+/-581.064 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.826+/-414.436 χ^2/NDF : 33.1/30

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1419.713+/-0.411 χ^2/NDF : 751665.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1466.861+/-0.418 χ^2/NDF : 824509.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

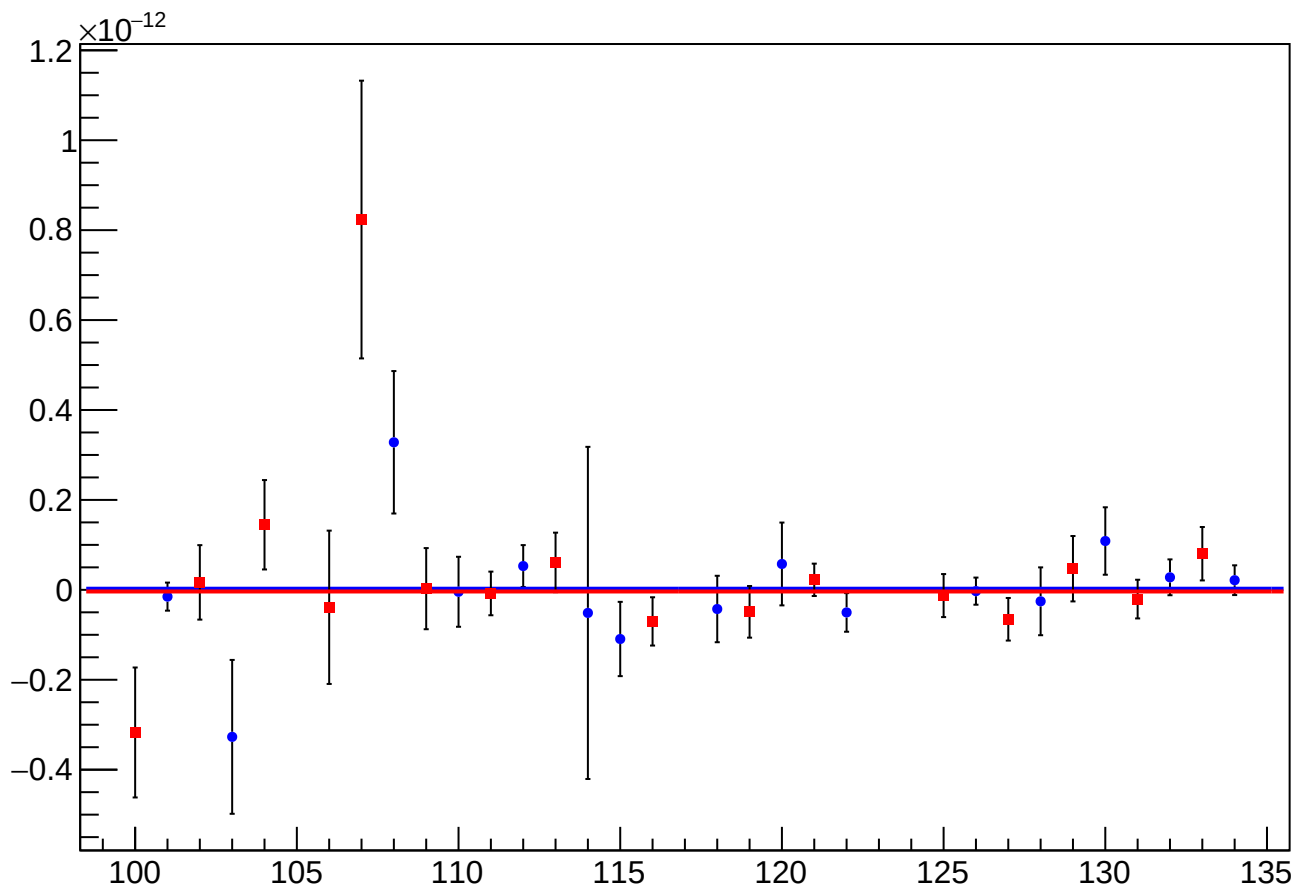
Right: 1442.877+/-0.293 χ^2/NDF : 1582643.0/30

In: 1419.713+/-0.411 χ^2/NDF : 751665.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1442.877+/-0.293 χ^2/NDF : 1582643.0/30

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

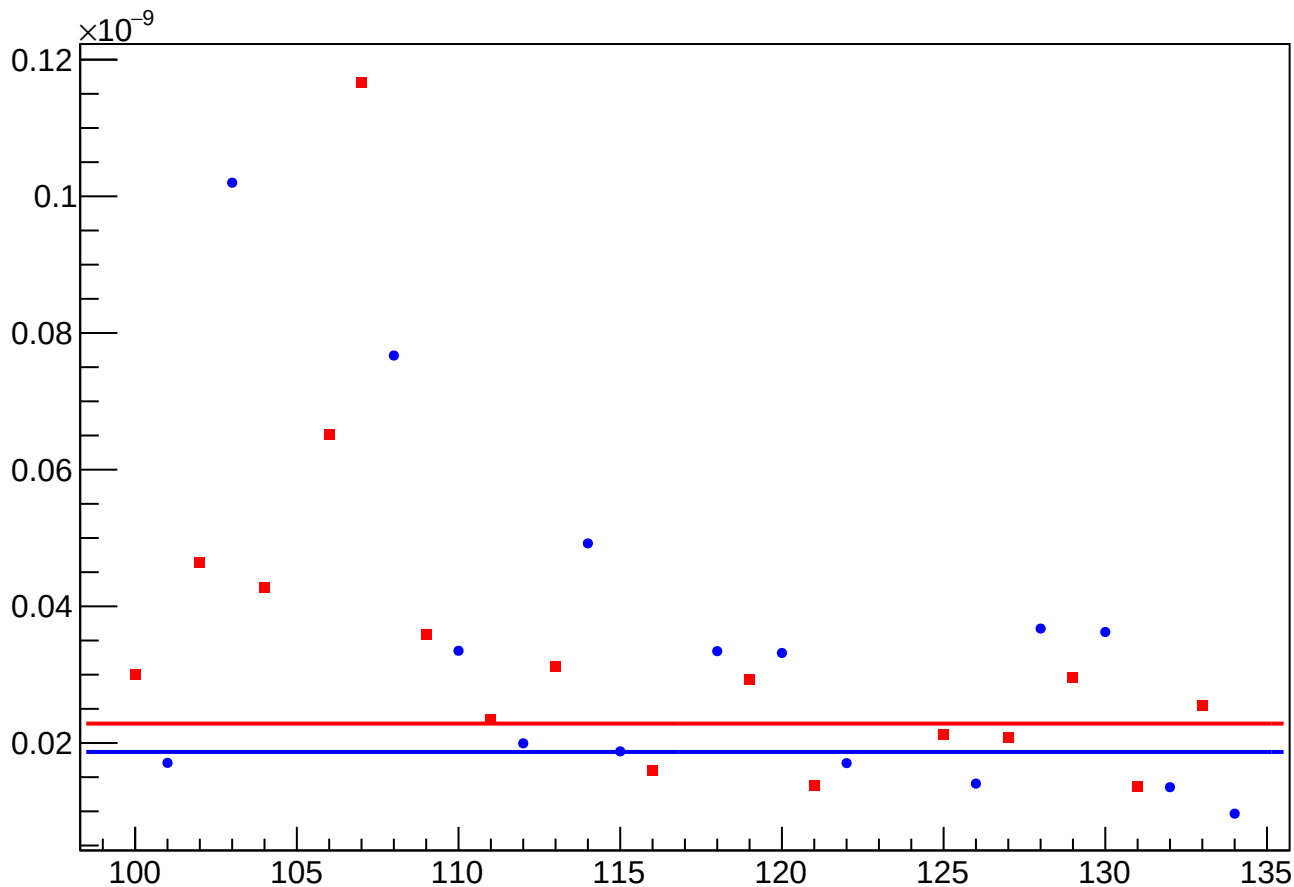
Right: -0.000+/-0.000 χ^2/NDF : 38.8/30

In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.8/30

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1420683.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 933529.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

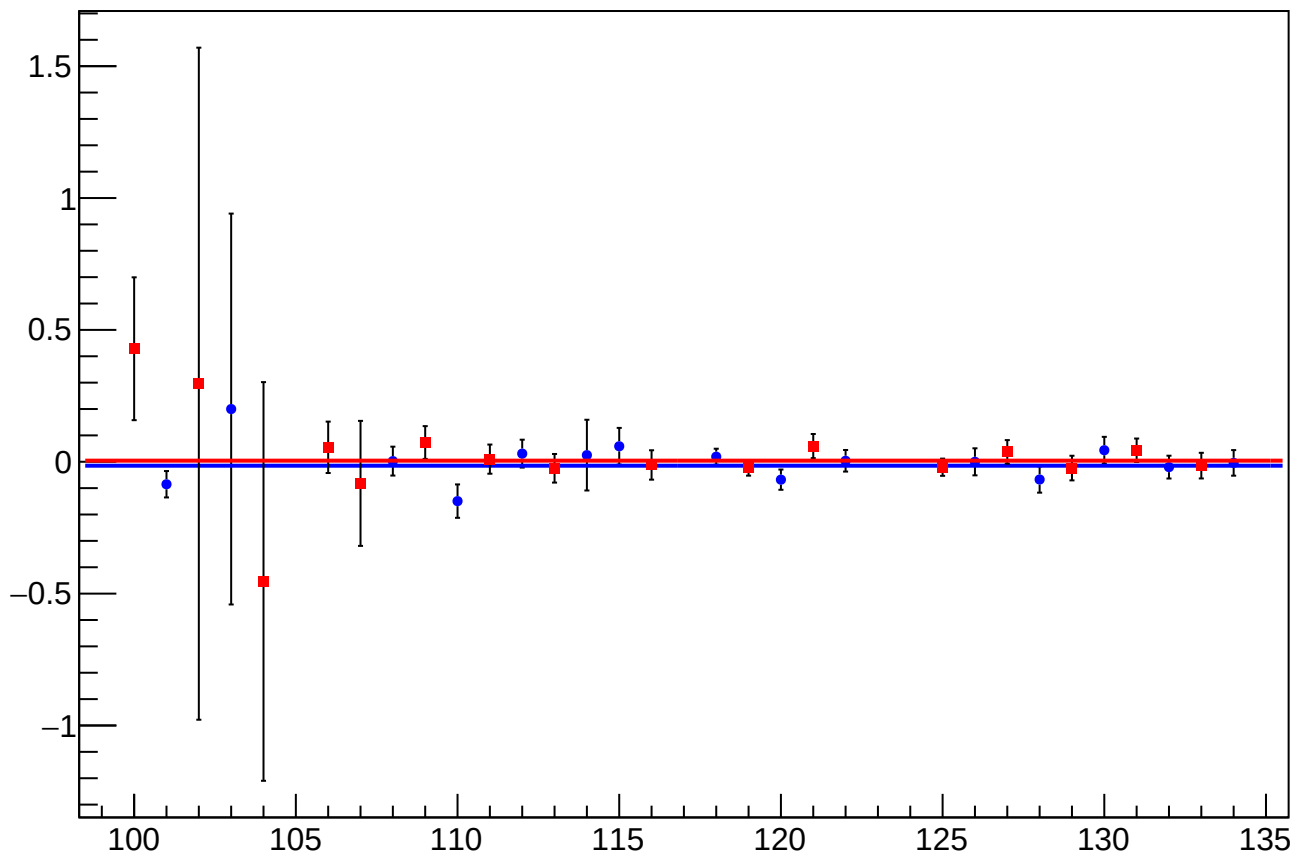
Right: 0.000+/-0.000 χ^2/NDF : 2440284.4/30

In: 0.000+/-0.000 χ^2/NDF : 1420683.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2440284.4/30

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.013 χ^2/NDF : 9.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

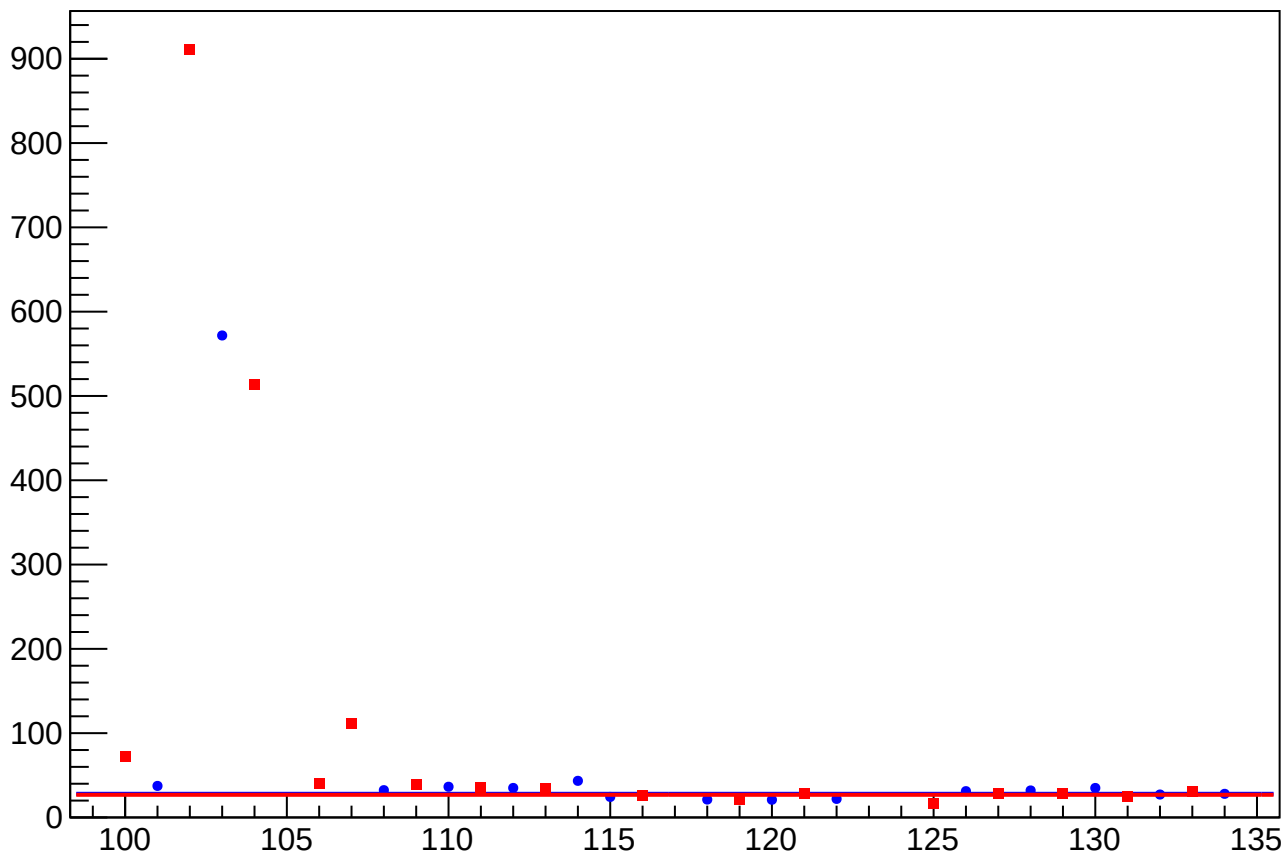
Right: -0.006 ± 0.009 χ^2/NDF : 25.4/30

In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.009 χ^2/NDF : 25.4/30

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.064+/-0.009 χ^2/NDF : 1530210.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.875+/-0.009 χ^2/NDF : 2596339.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

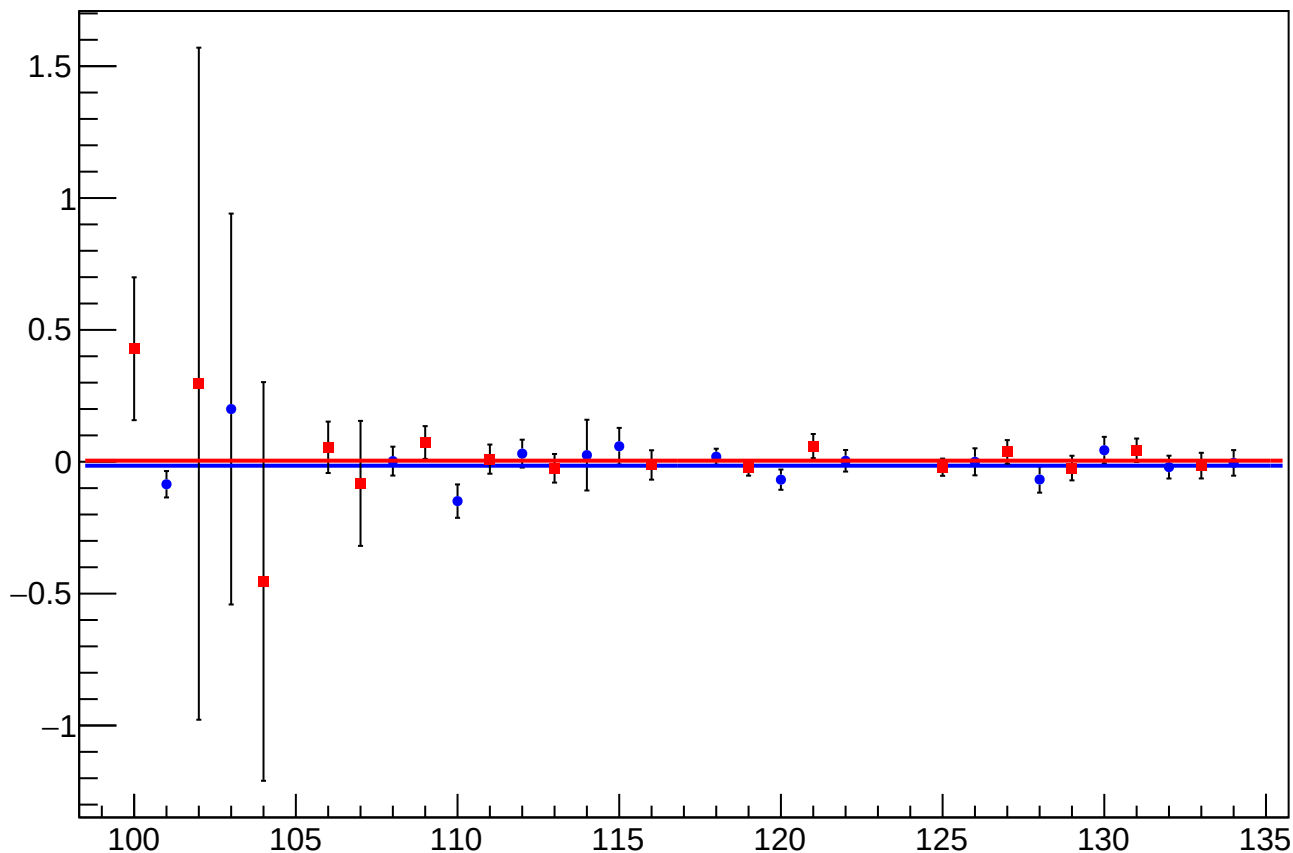
Right: 27.482+/-0.006 χ^2/NDF : 4134998.7/30

In: 28.064+/-0.009 χ^2/NDF : 1530210.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4134998.7/30

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.013 χ^2/NDF : 9.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

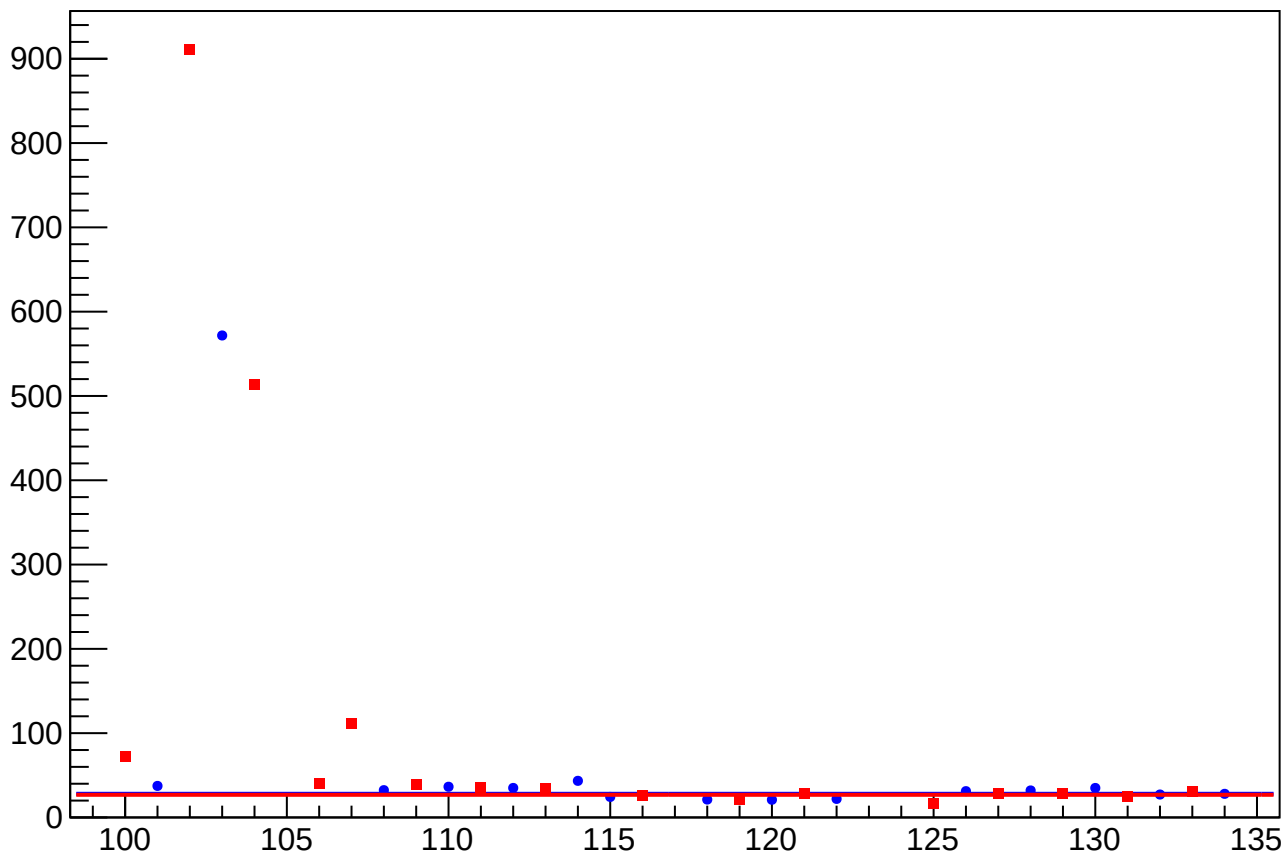
Right: -0.006 ± 0.009 χ^2/NDF : 25.4/30

In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.009 χ^2/NDF : 25.4/30

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.064+/-0.009 χ^2/NDF : 1530210.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.875+/-0.009 χ^2/NDF : 2596339.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

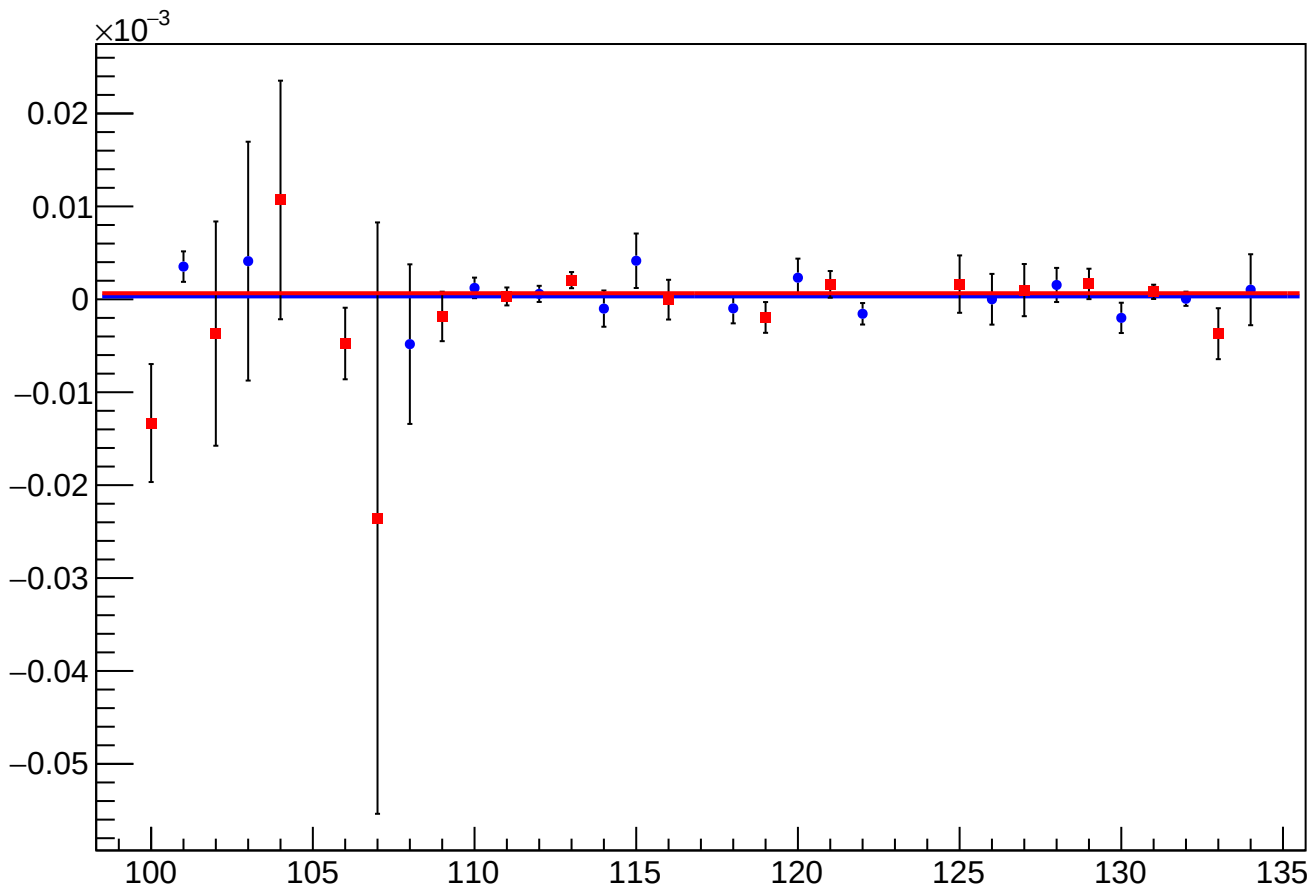
Right: 27.482+/-0.006 χ^2/NDF : 4134998.7/30

In: 28.064+/-0.009 χ^2/NDF : 1530210.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4134998.7/30

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

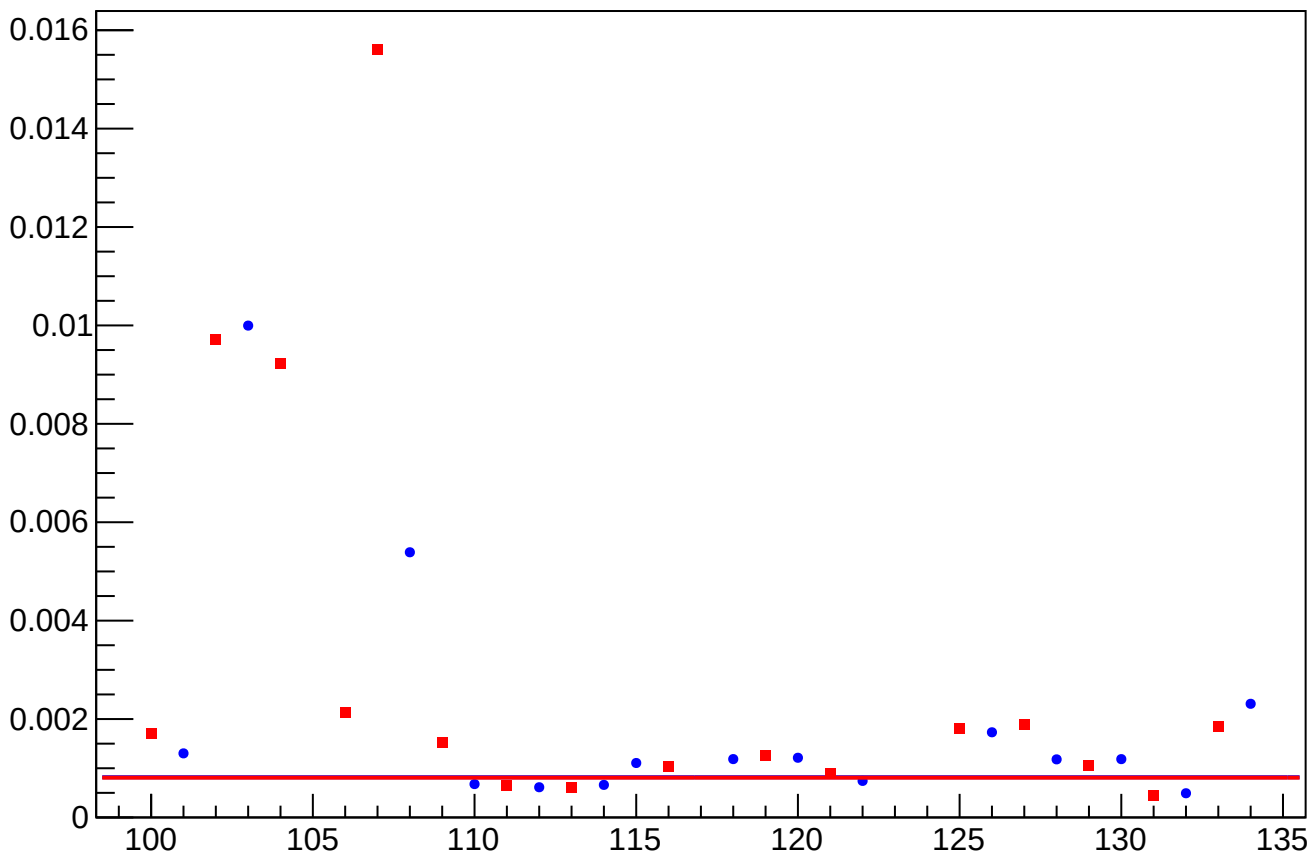
Right: 0.000+/-0.000 χ^2/NDF : 32.3/30

In: 0.000+/-0.000 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.3/30

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3195192.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4436201.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

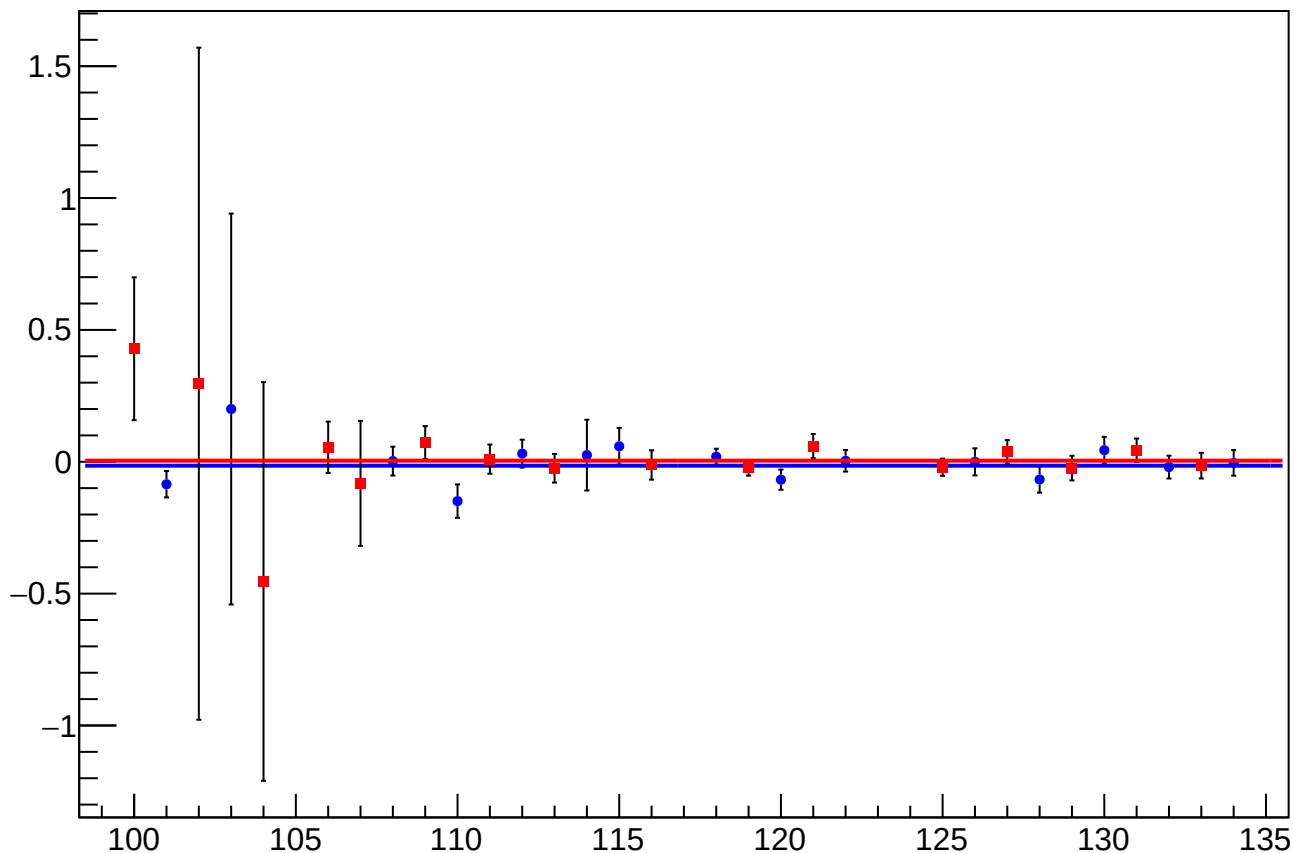
Right: 0.001+/-0.000 χ^2/NDF : 7631846.5/30

In: 0.001+/-0.000 χ^2/NDF : 3195192.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7631846.5/30

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.013 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.013 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

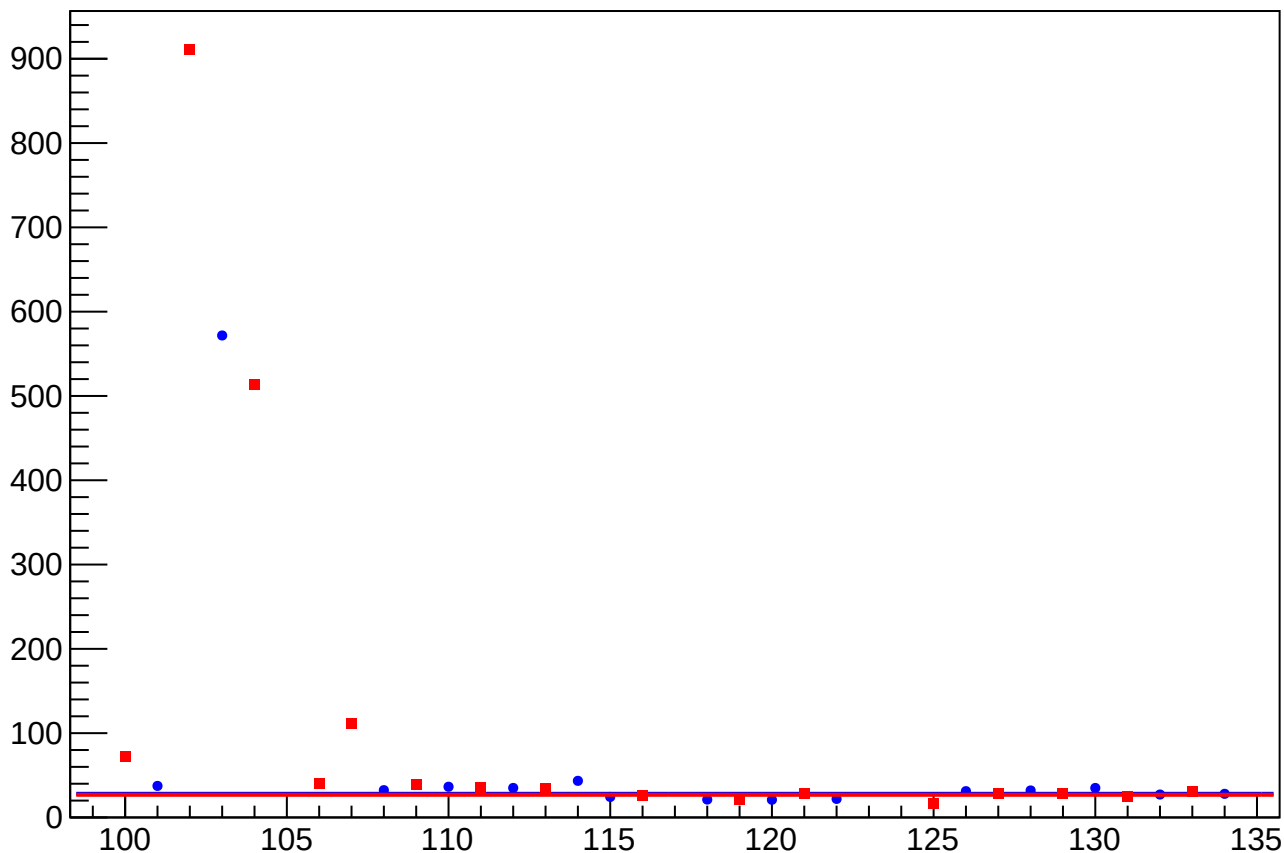
Right: -0.006+/-0.009 χ^2/NDF : 25.4/30

In: -0.015+/-0.013 χ^2/NDF :14.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.009 χ^2/NDF : 25.4/30

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.064+/-0.009 χ^2/NDF : 1530204.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.875+/-0.009 χ^2/NDF : 2596359.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

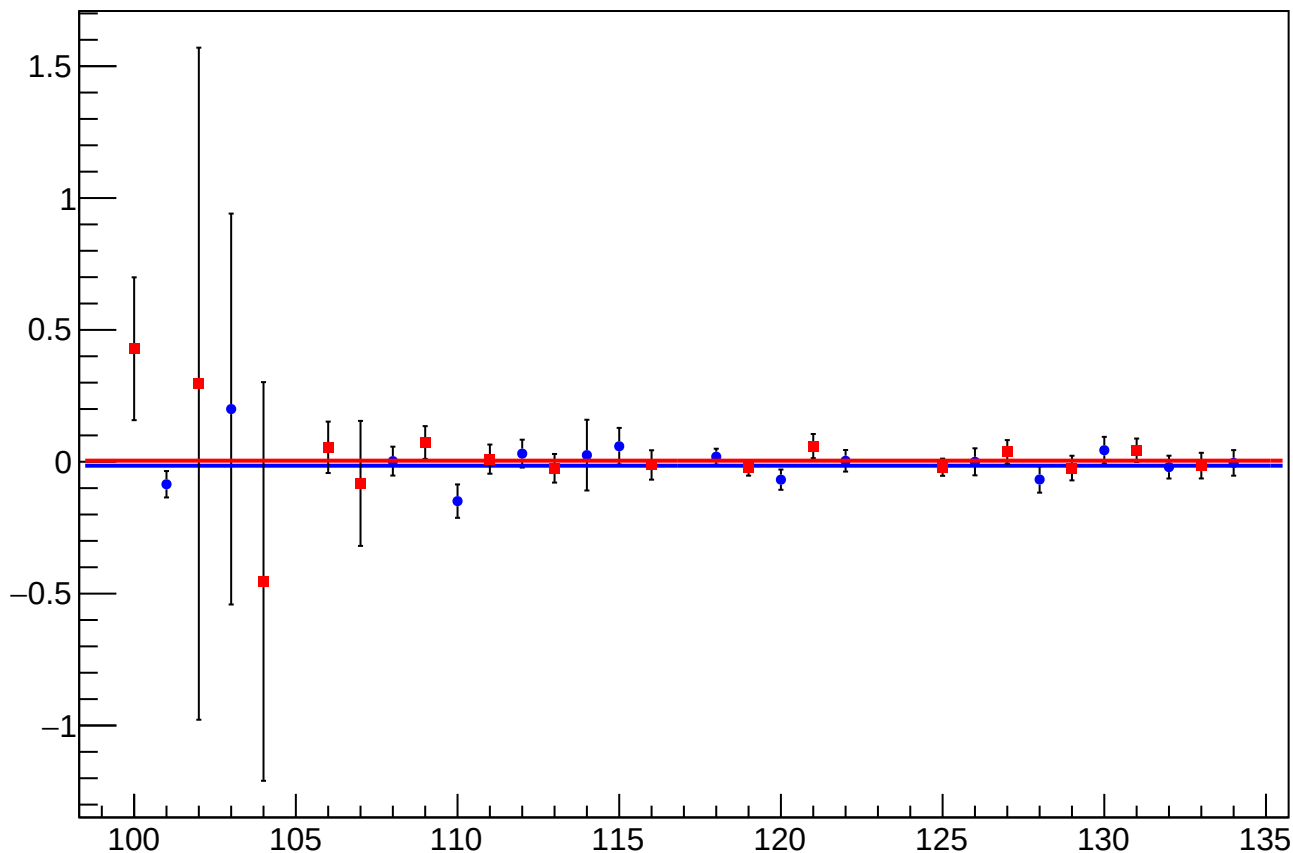
Right: 27.482+/-0.006 χ^2/NDF : 4135013.5/30

In: 28.064+/-0.009 χ^2/NDF : 1530204.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4135013.5/30

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.013 χ^2/NDF : 9.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

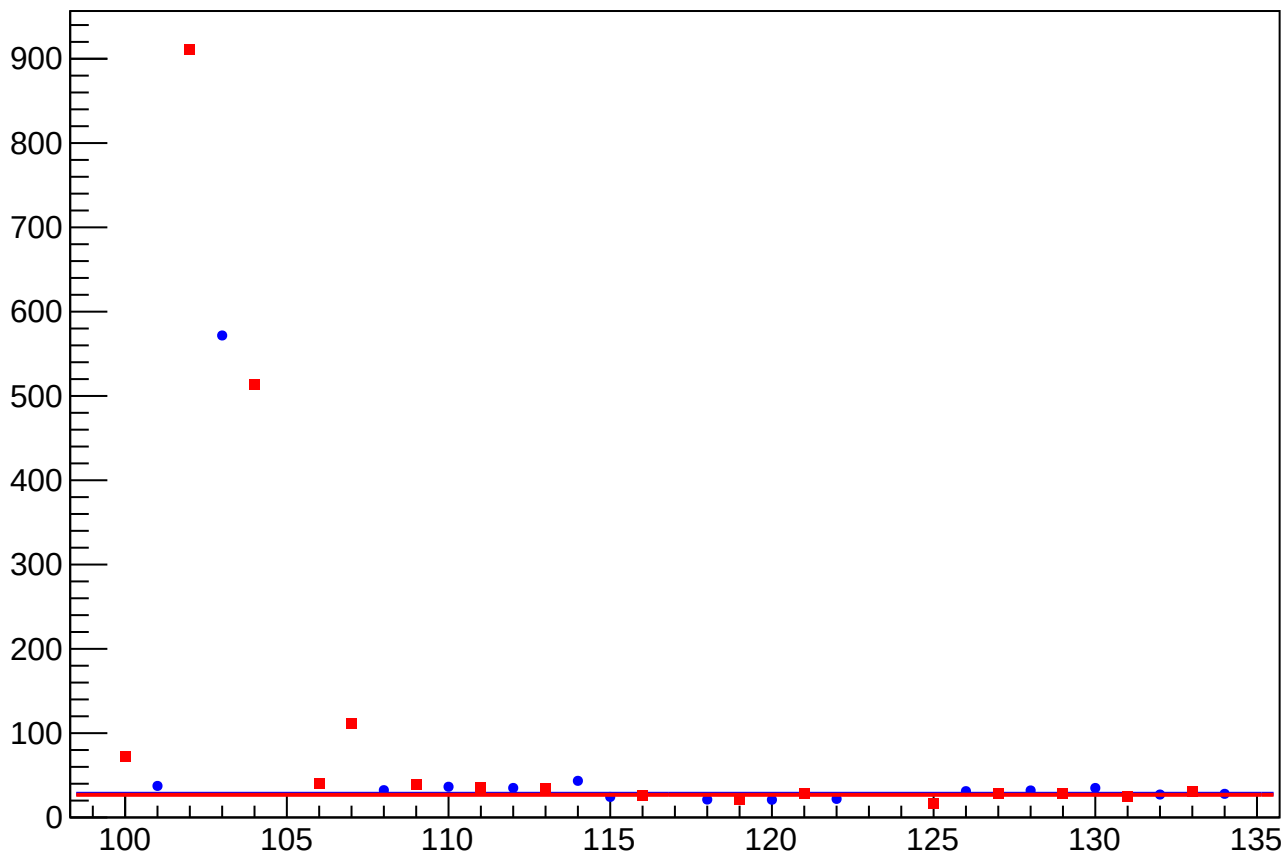
Right: -0.006 ± 0.009 χ^2/NDF : 25.4/30

In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.009 χ^2/NDF : 25.4/30

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.064+/-0.009 χ^2/NDF : 1530204.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.875+/-0.009 χ^2/NDF : 2596359.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

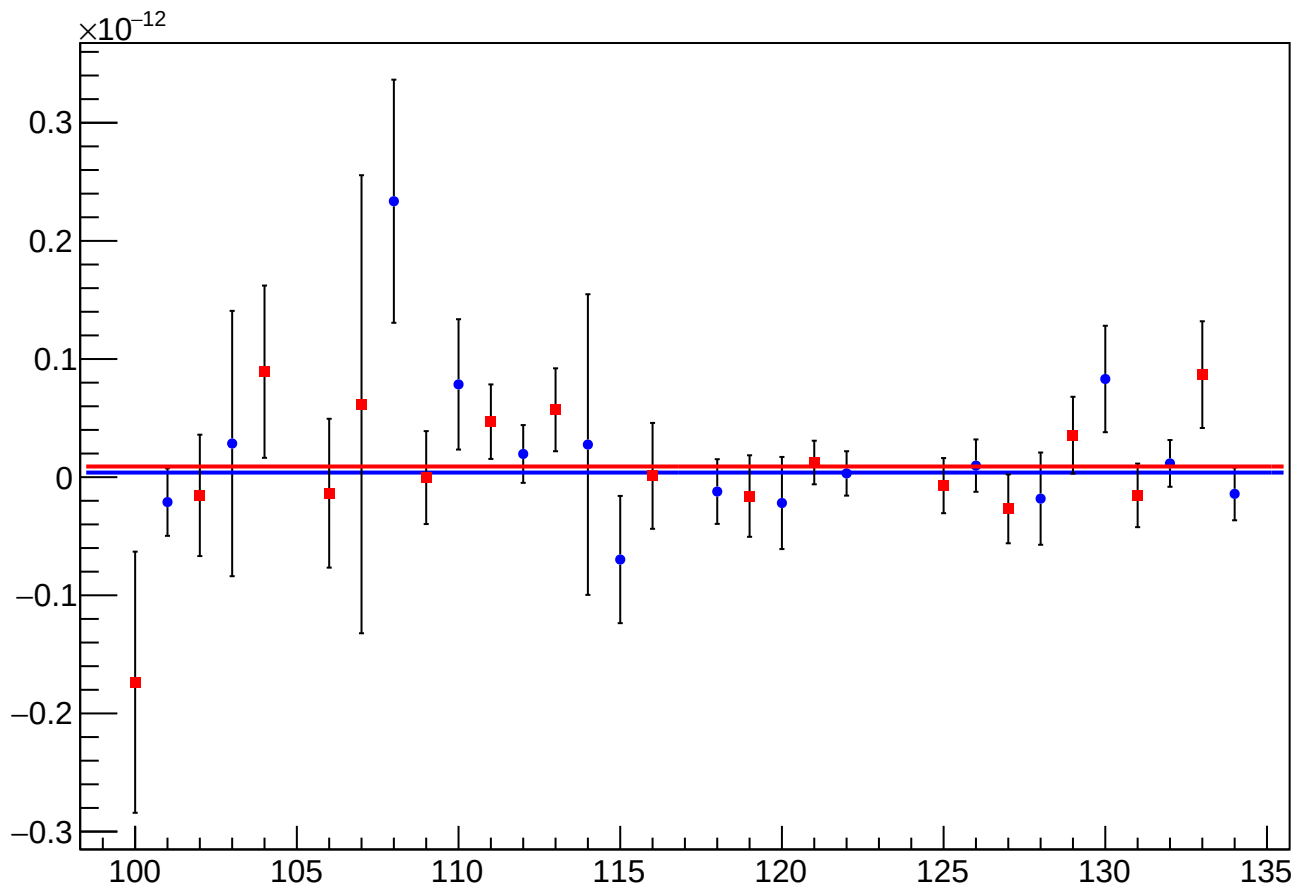
Right: 27.482+/-0.006 χ^2/NDF : 4135013.5/30

In: 28.064+/-0.009 χ^2/NDF : 1530204.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4135013.5/30

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

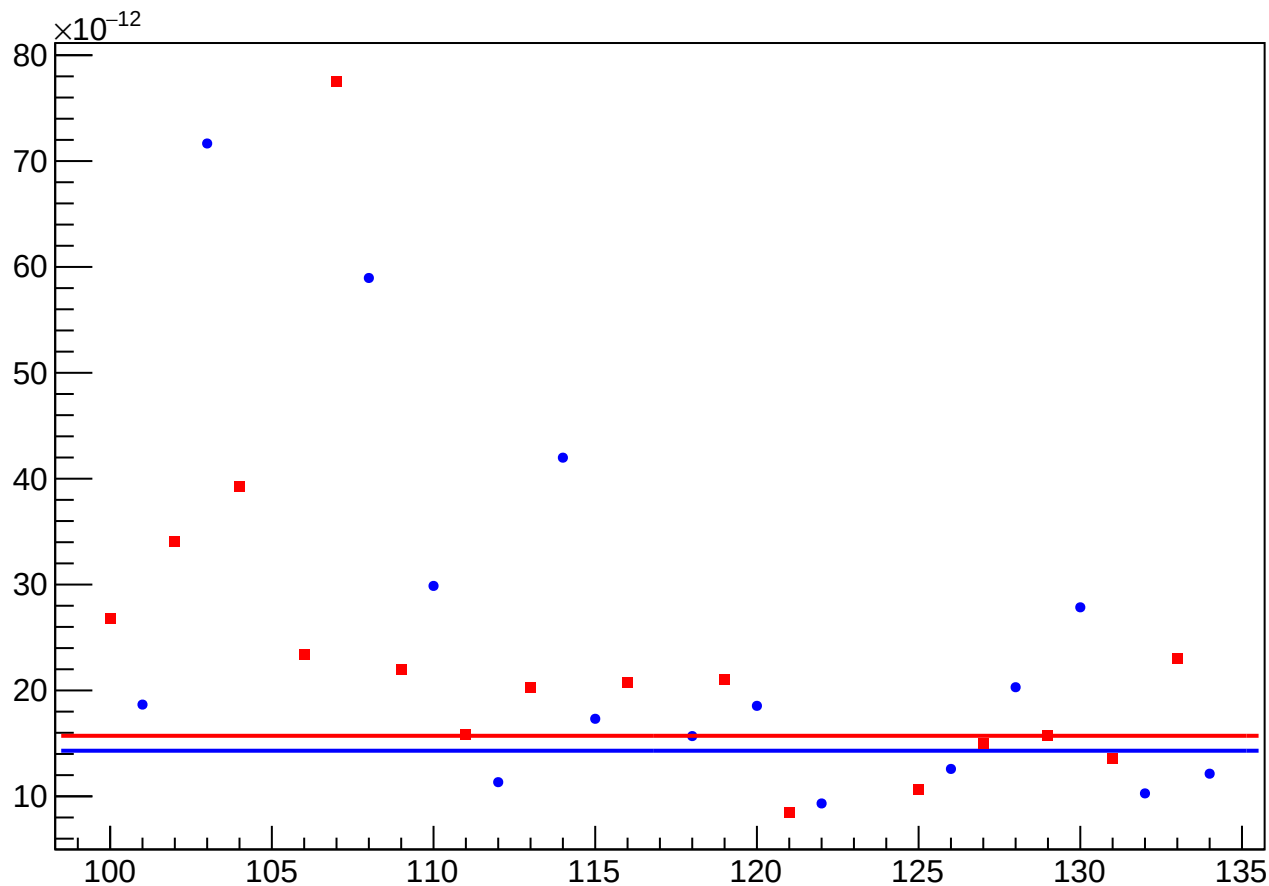
Right: 0.000+/-0.000 χ^2/NDF : 30.0/30

In: 0.000+/-0.000 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/30

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1745389.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1345280.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

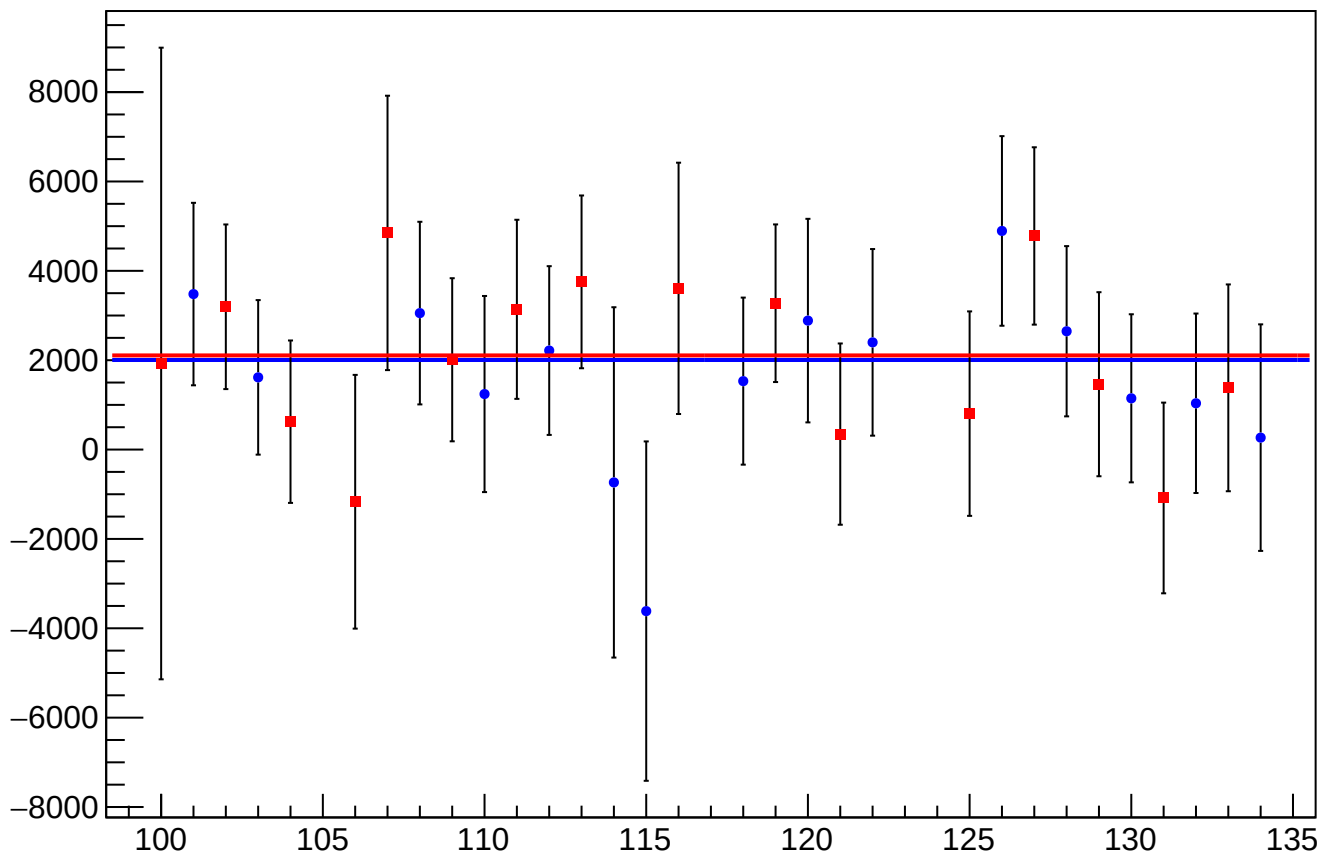
Right: 0.000+/-0.000 χ^2/NDF : 3120083.0/30

In: 0.000+/-0.000 χ^2/NDF : 1745389.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3120083.0/30

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2004.555 $\pm$ 548.174 χ^2 /NDF: 6.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2107.074 $\pm$ 539.034 χ^2 /NDF: 10.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

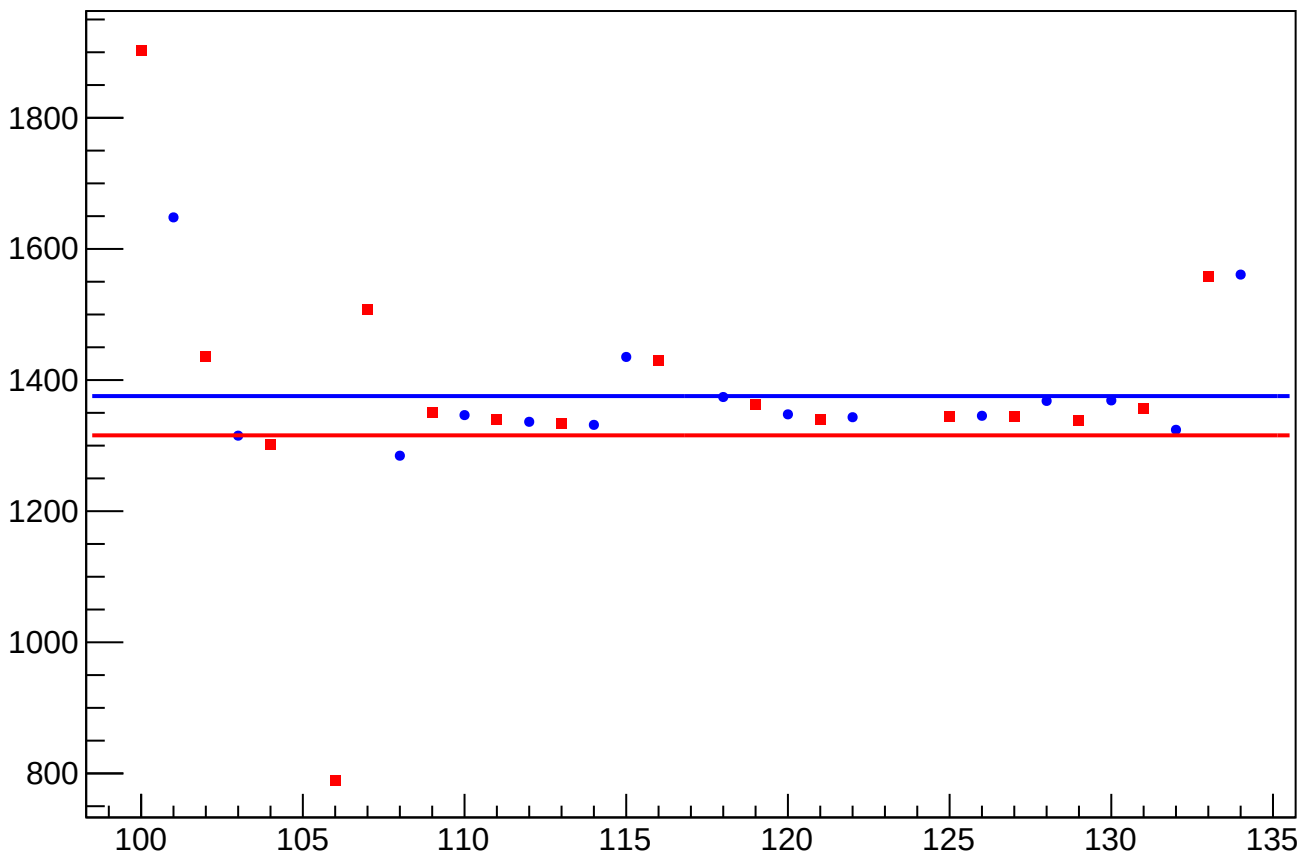
Right: 2056.676 $\pm$ 384.346 χ^2 /NDF: 17.0/30

In: 2004.555 $\pm$ 548.174 χ^2 /NDF:6.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2056.676 $\pm$ 384.346 χ^2 /NDF: 17.0/30

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1375.560+/-0.388 χ^2/NDF : 57215.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.668+/-0.368 χ^2/NDF : 263213.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

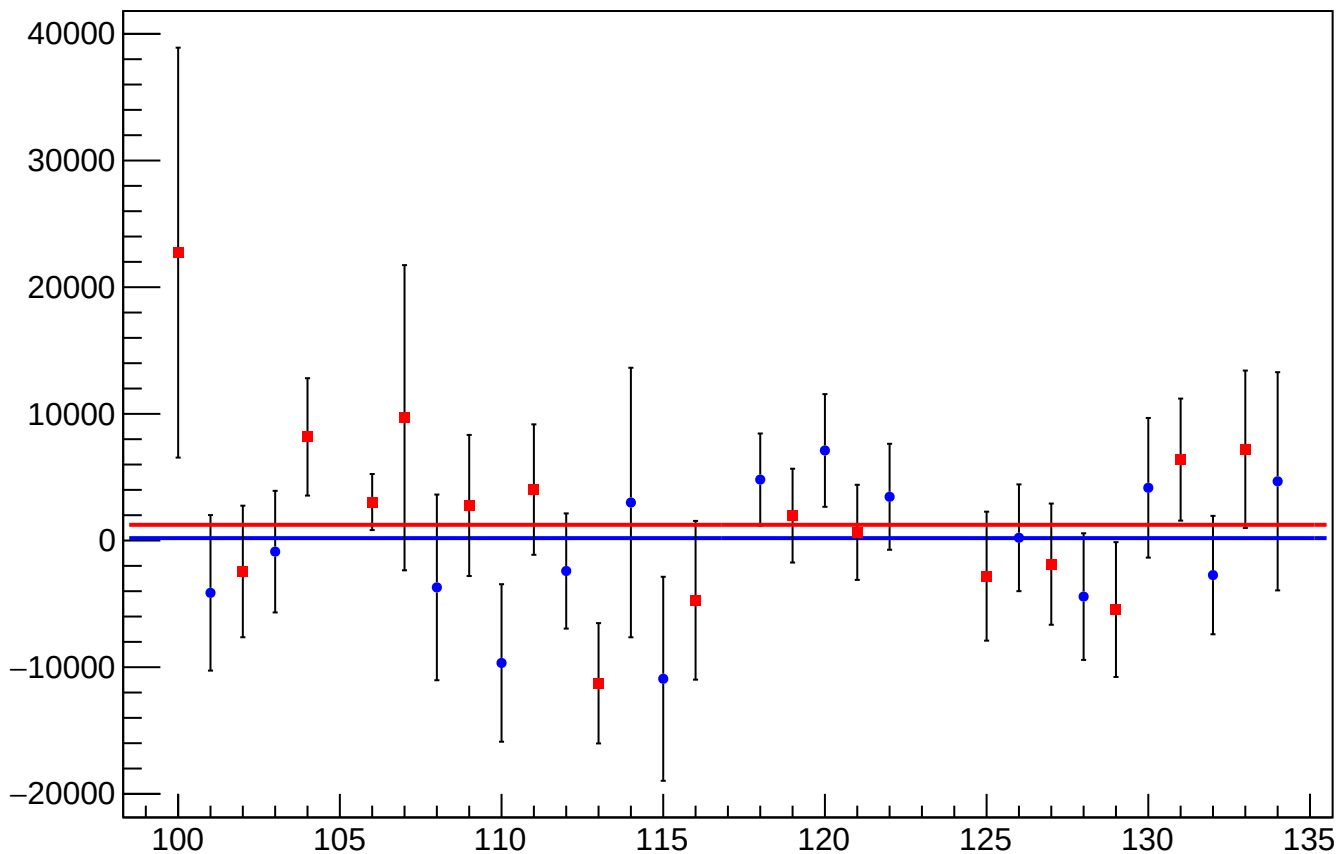
Right: 1344.090+/-0.267 χ^2/NDF : 332973.7/30

In: 1375.560+/-0.388 χ^2/NDF : 57215.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.090+/-0.267 χ^2/NDF : 332973.7/30

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 189.553+/-1337.917 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1241.594+/-1140.680 χ^2/NDF : 18.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

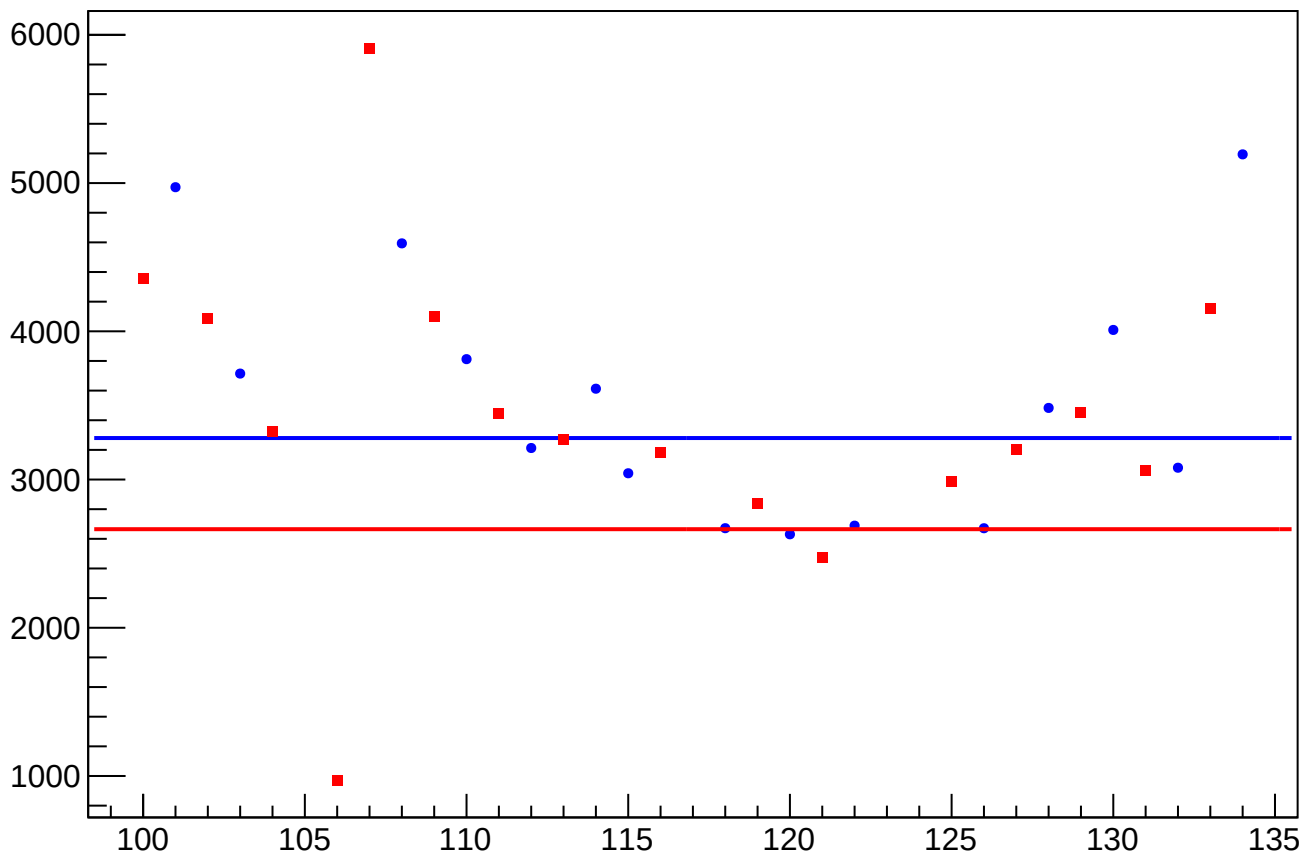
Right: 798.764+/-868.023 χ^2/NDF : 31.3/30

In: 189.553+/-1337.917 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.764+/-868.023 χ^2/NDF : 31.3/30

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3279.973+/-0.946 χ^2/NDF : 572191.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2665.007+/-0.807 χ^2/NDF : 1968813.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

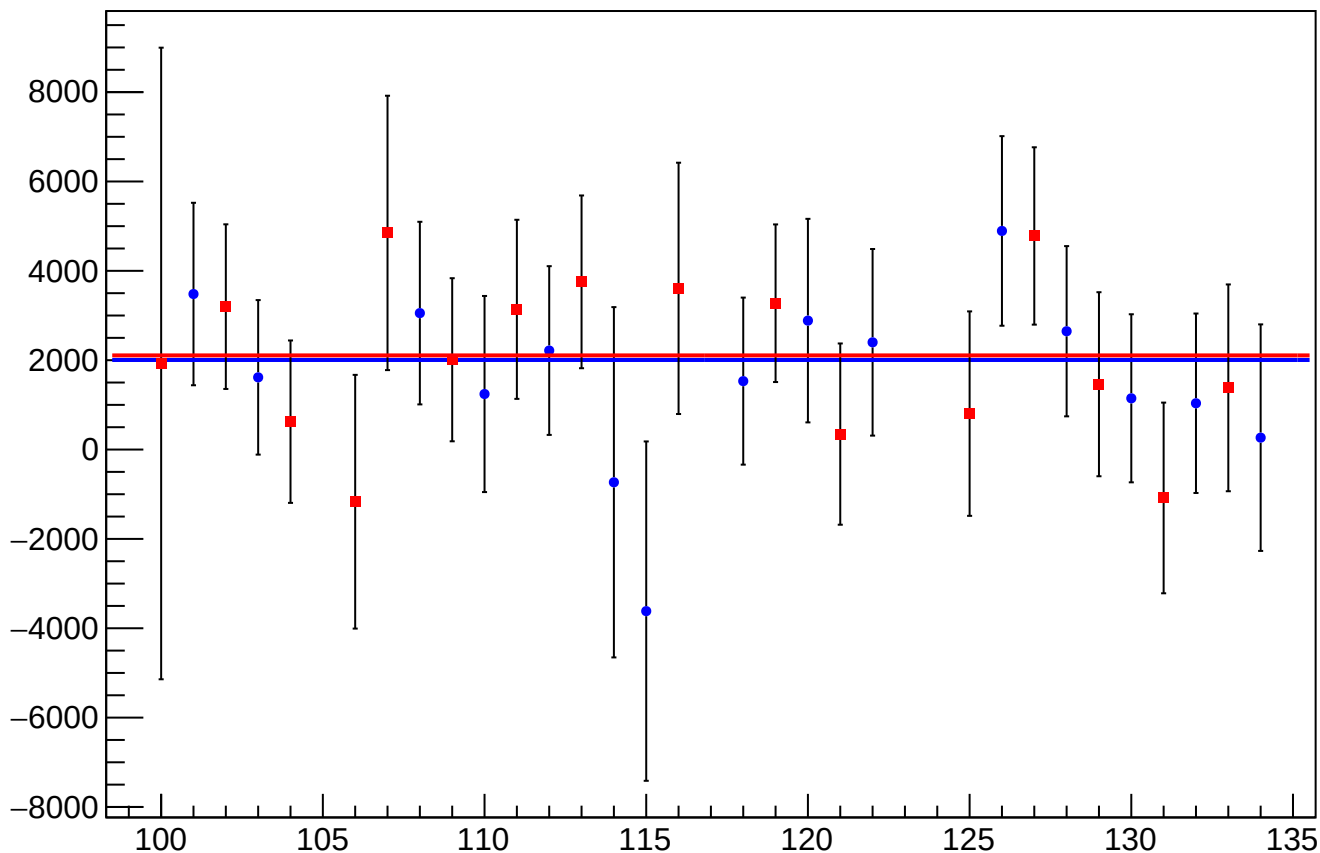
Right: 2923.862+/-0.614 χ^2/NDF : 2785690.4/30

In: 3279.973+/-0.946 χ^2/NDF : 572191.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2923.862+/-0.614 χ^2/NDF : 2785690.4/30

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2004.656 $\pm$ 548.174 χ^2 /NDF: 6.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2107.220 $\pm$ 539.038 χ^2 /NDF: 10.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

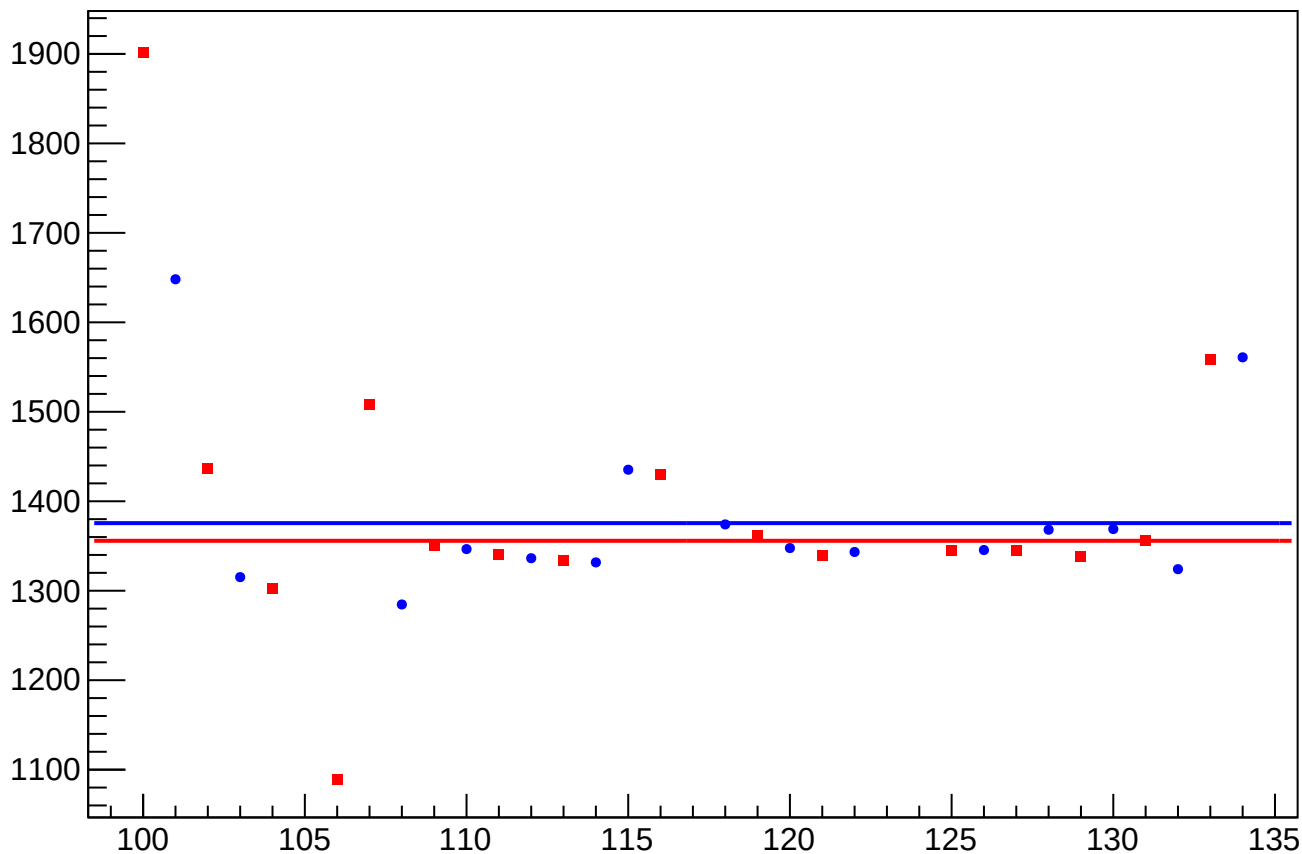
Right: 2056.799 $\pm$ 384.347 χ^2 /NDF: 17.0/30

In: 2004.656 $\pm$ 548.174 χ^2 /NDF:6.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2056.799 $\pm$ 384.347 χ^2 /NDF: 17.0/30

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1375.560+/-0.388 χ^2/NDF : 57215.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.809+/-0.376 χ^2/NDF : 71911.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

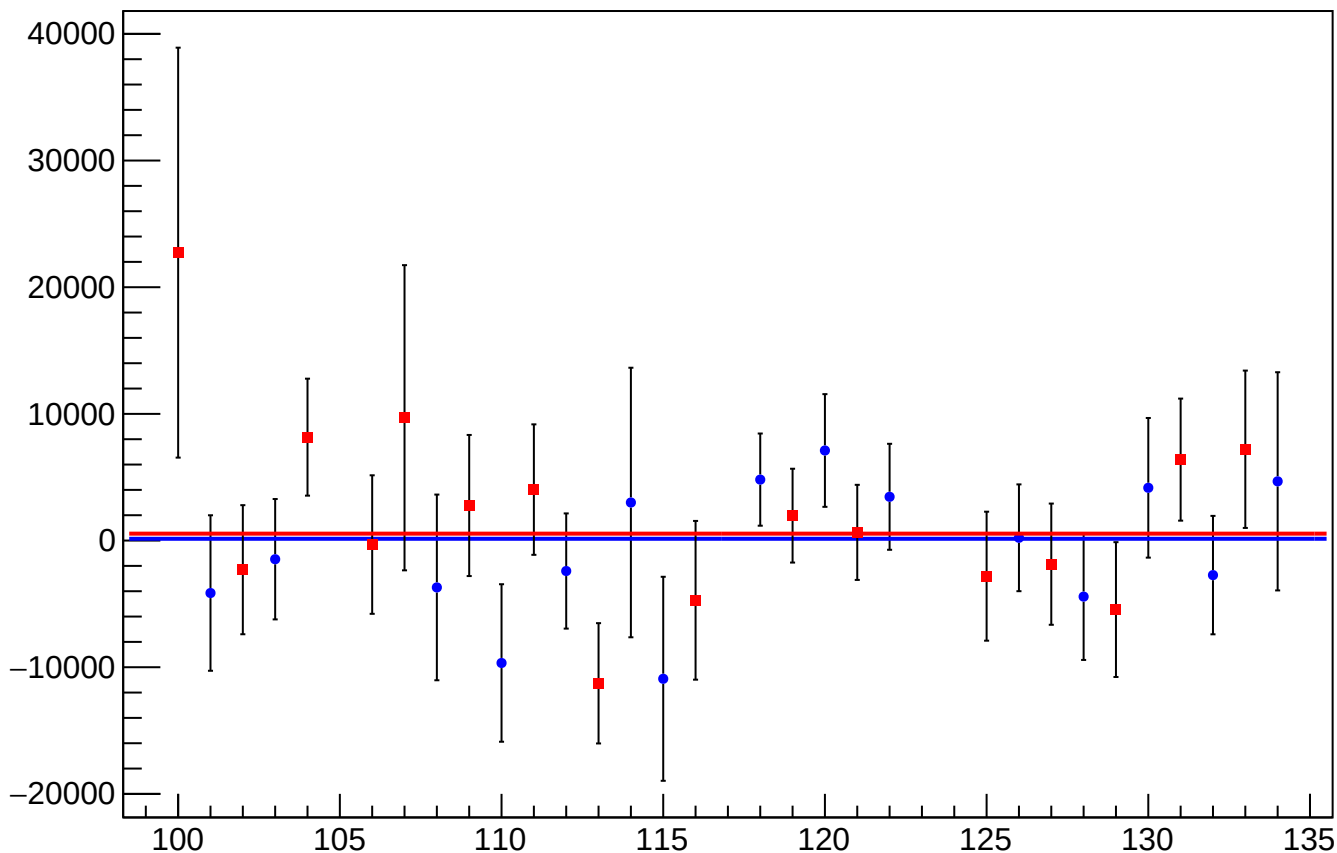
Right: 1365.377+/-0.270 χ^2/NDF : 130465.7/30

In: 1375.560+/-0.388 χ^2/NDF : 57215.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.377+/-0.270 χ^2/NDF : 130465.7/30

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 140.152+/-1336.832 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.498+/-1291.244 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

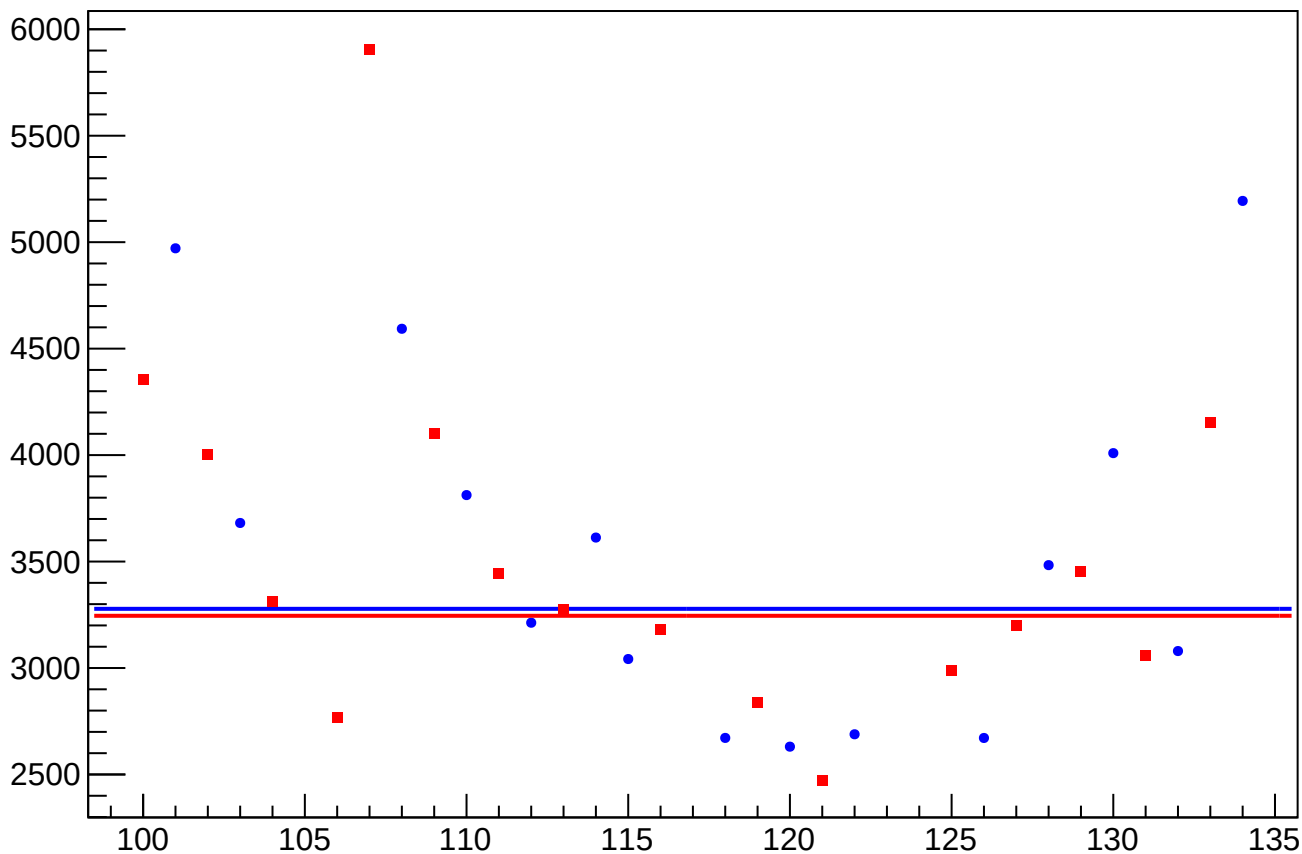
Right: 349.854+/-928.746 χ^2/NDF : 30.2/30

In: 140.152+/-1336.832 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.854+/-928.746 χ^2/NDF : 30.2/30

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3277.998+/-0.945 χ^2/NDF : 569920.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3245.288+/-0.913 χ^2/NDF : 379747.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

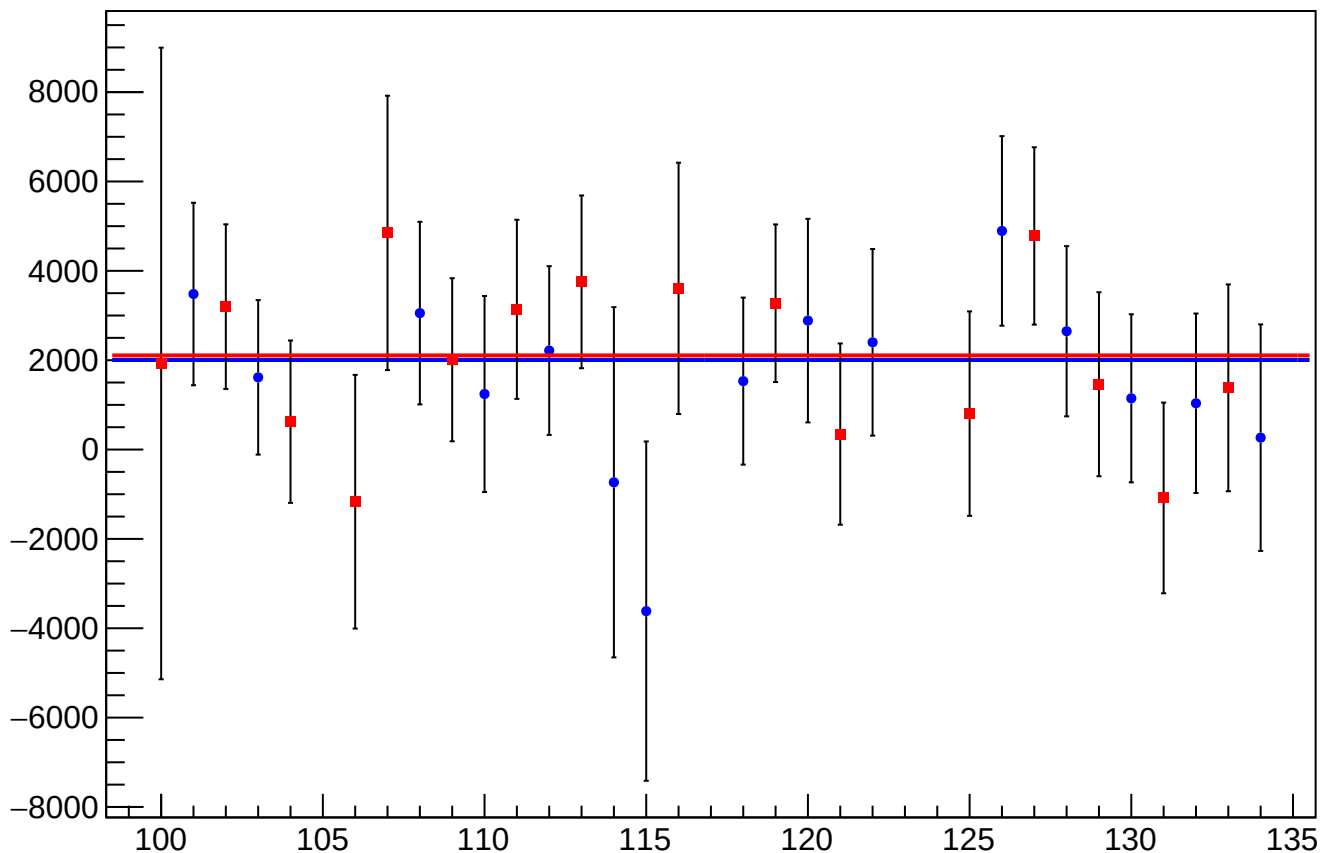
Right: 3261.076+/-0.657 χ^2/NDF : 950287.4/30

In: 3277.998+/-0.945 χ^2/NDF :569920.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3261.076+/-0.657 χ^2/NDF : 950287.4/30

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2004.656 $\pm$ 548.174 χ^2 /NDF: 6.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2107.220 $\pm$ 539.038 χ^2 /NDF: 10.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

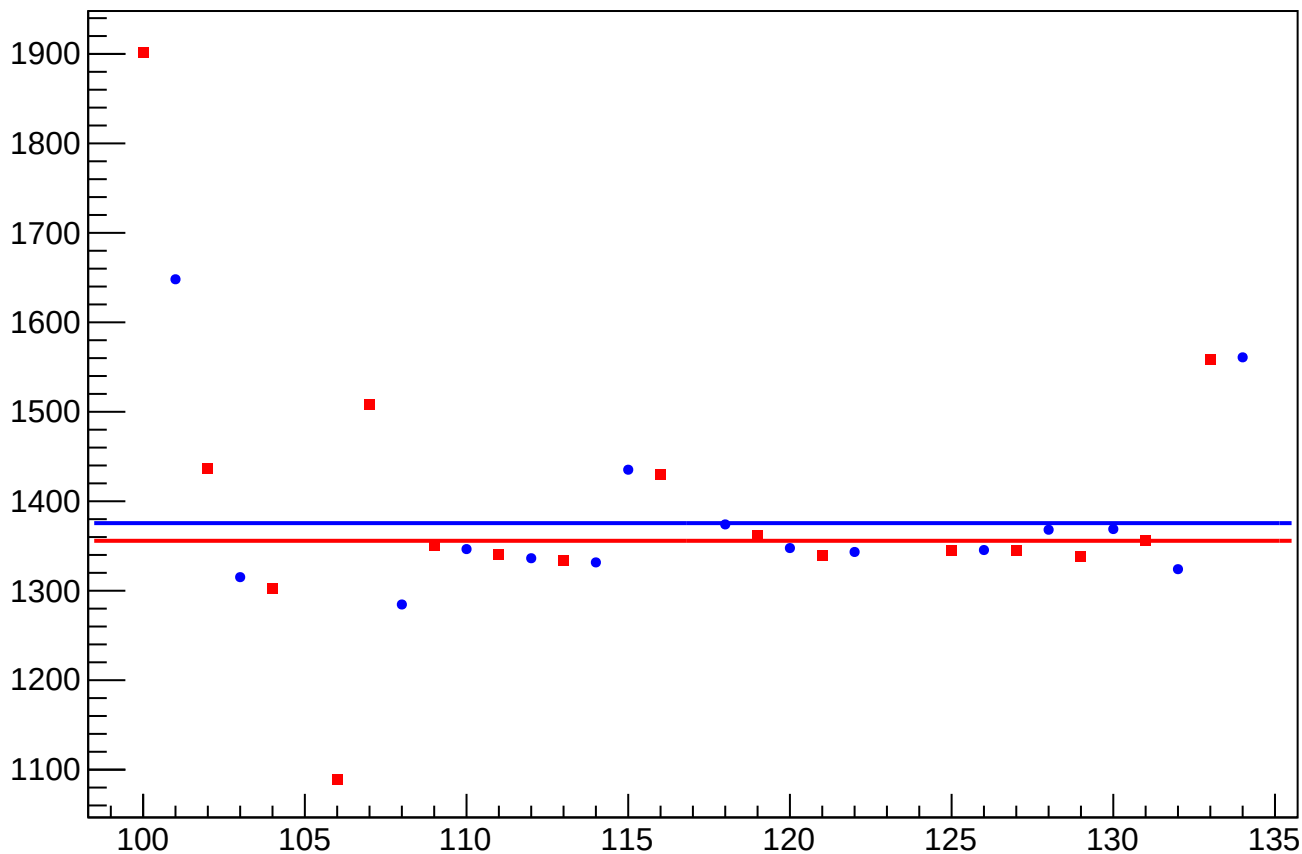
Right: 2056.799 $\pm$ 384.347 χ^2 /NDF: 17.0/30

In: 2004.656 $\pm$ 548.174 χ^2 /NDF:6.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2056.799 $\pm$ 384.347 χ^2 /NDF: 17.0/30

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1375.560+/-0.388 χ^2/NDF : 57215.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.809+/-0.376 χ^2/NDF : 71911.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

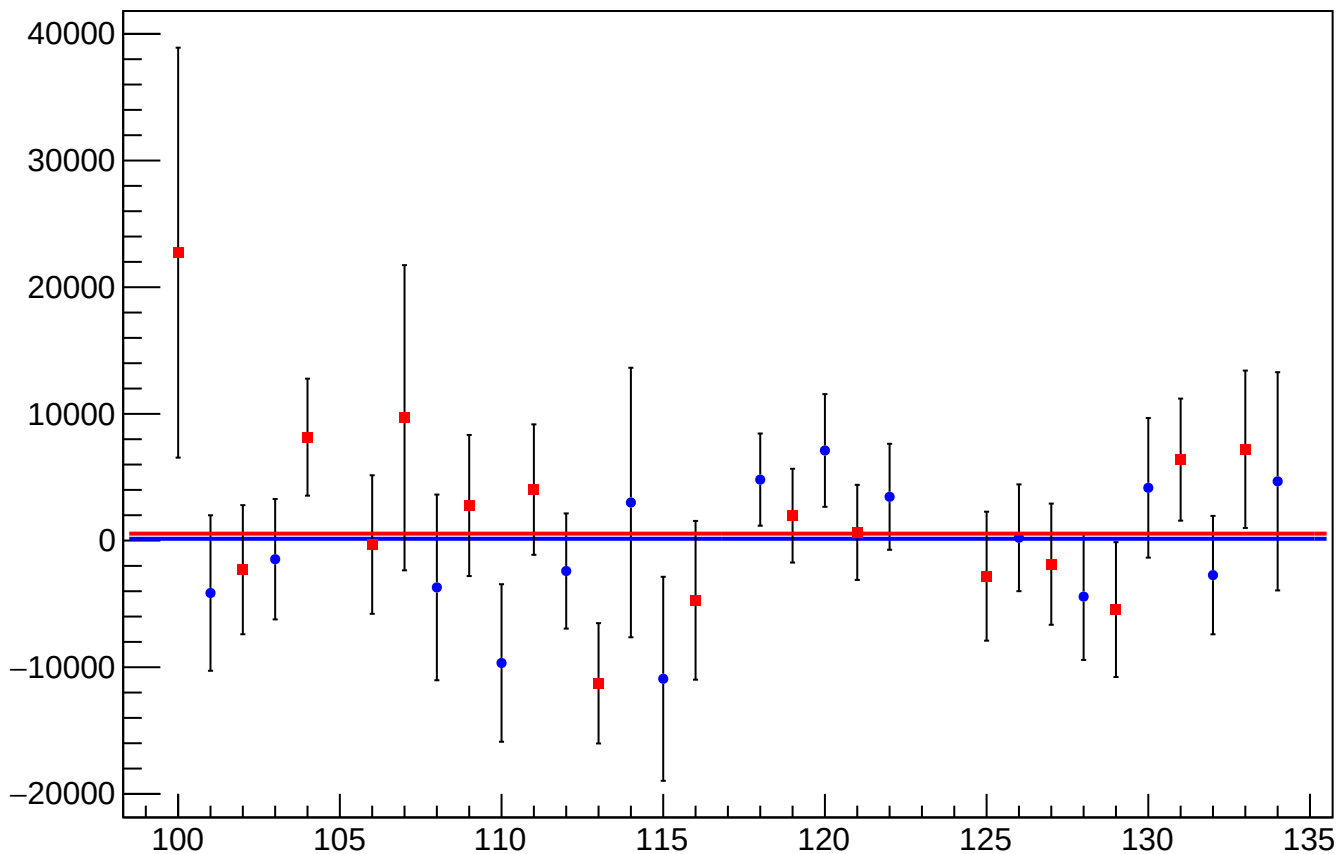
Right: 1365.377+/-0.270 χ^2/NDF : 130465.7/30

In: 1375.560+/-0.388 χ^2/NDF : 57215.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.377+/-0.270 χ^2/NDF : 130465.7/30

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 140.152+/-1336.832 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.498+/-1291.244 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

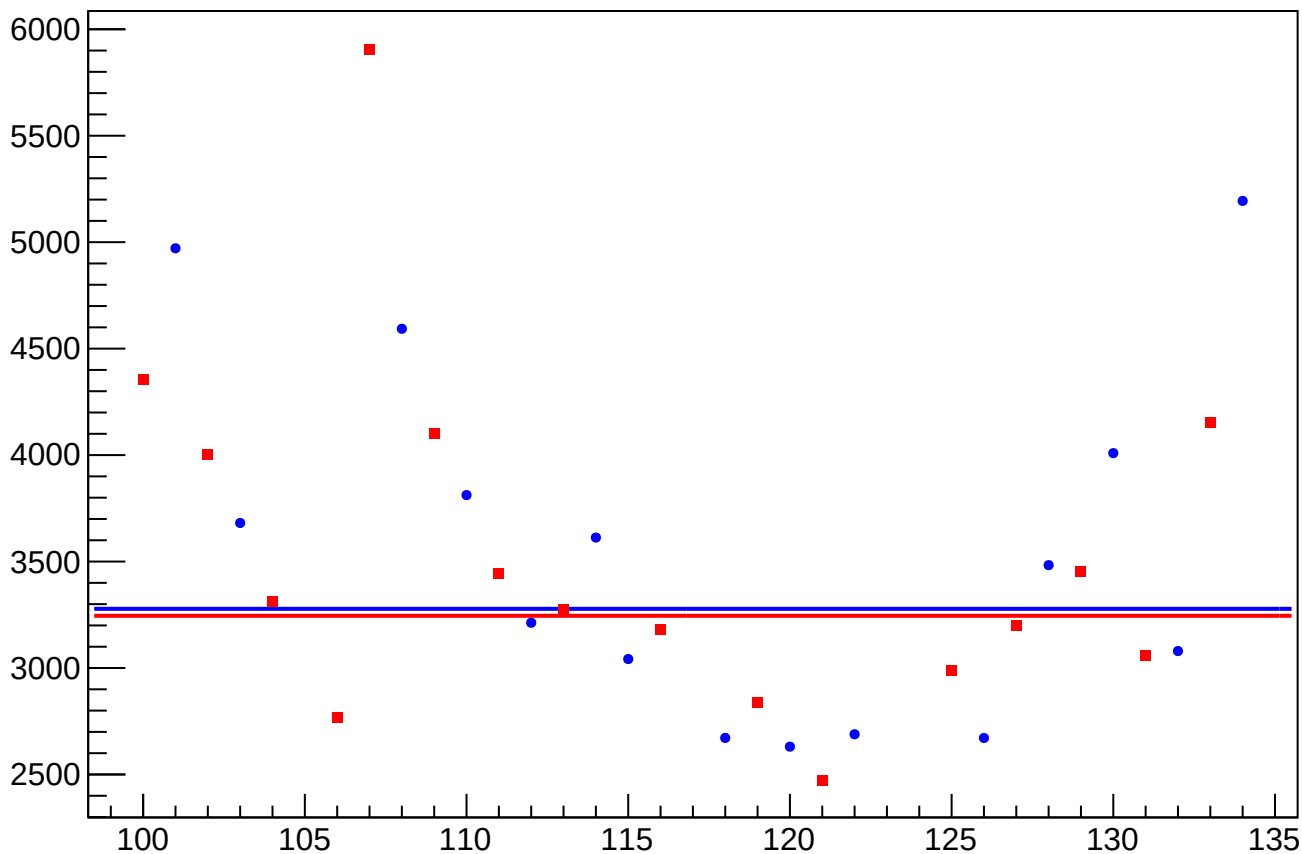
Right: 349.854+/-928.746 χ^2/NDF : 30.2/30

In: 140.152+/-1336.832 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.854+/-928.746 χ^2/NDF : 30.2/30

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3277.998+/-0.945 χ^2/NDF : 569920.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3245.288+/-0.913 χ^2/NDF : 379747.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

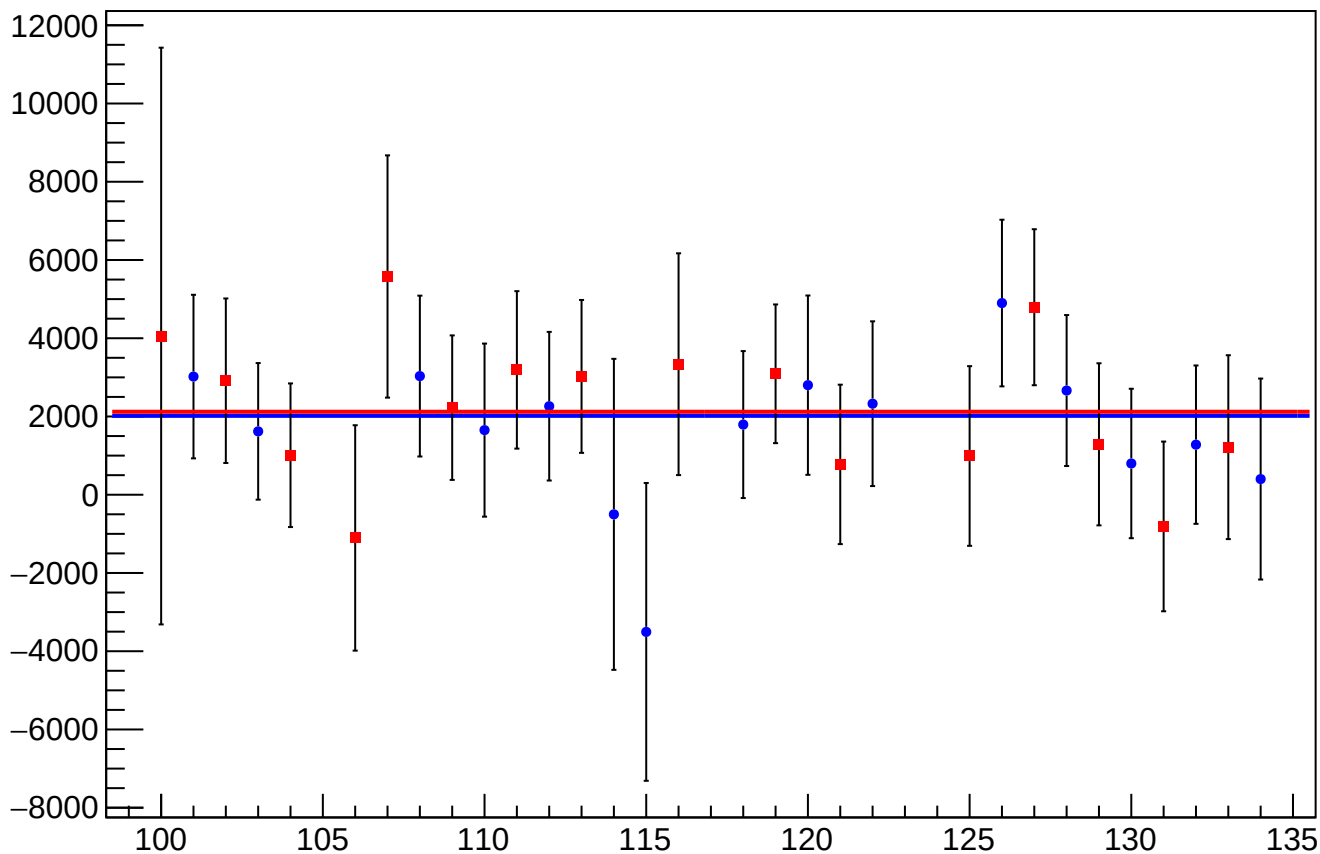
Right: 3261.076+/-0.657 χ^2/NDF : 950287.4/30

In: 3277.998+/-0.945 χ^2/NDF : 569920.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3261.076+/-0.657 χ^2/NDF : 950287.4/30

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2016.502+/-553.366 χ^2/NDF : 6.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2121.344+/-548.869 χ^2/NDF : 8.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

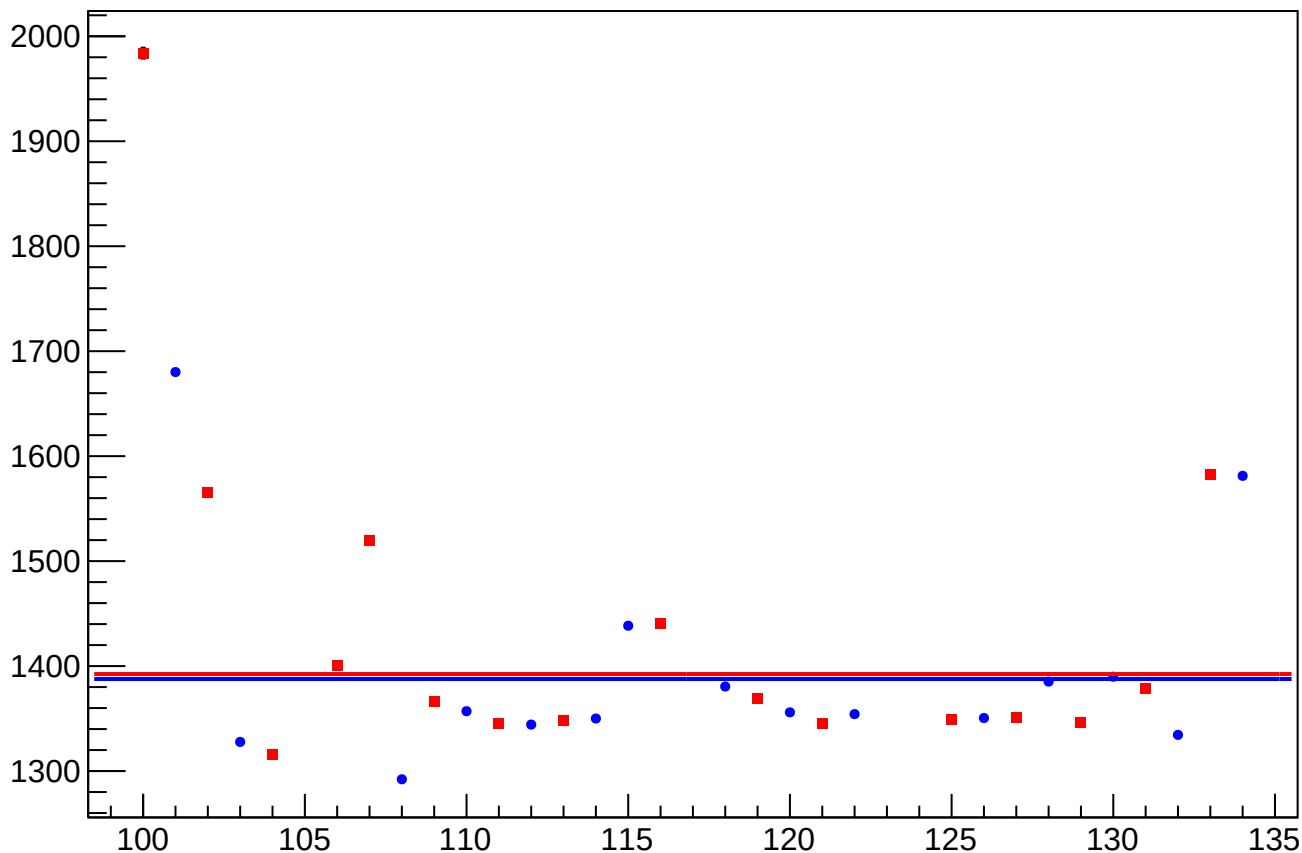
Right: 2069.351+/-389.689 χ^2/NDF : 14.8/30

In: 2016.502+/-553.366 χ^2/NDF : 6.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2069.351+/-389.689 χ^2/NDF : 14.8/30

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1387.664+/-0.391 χ^2/NDF : 62042.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1392.430+/-0.387 χ^2/NDF : 53481.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

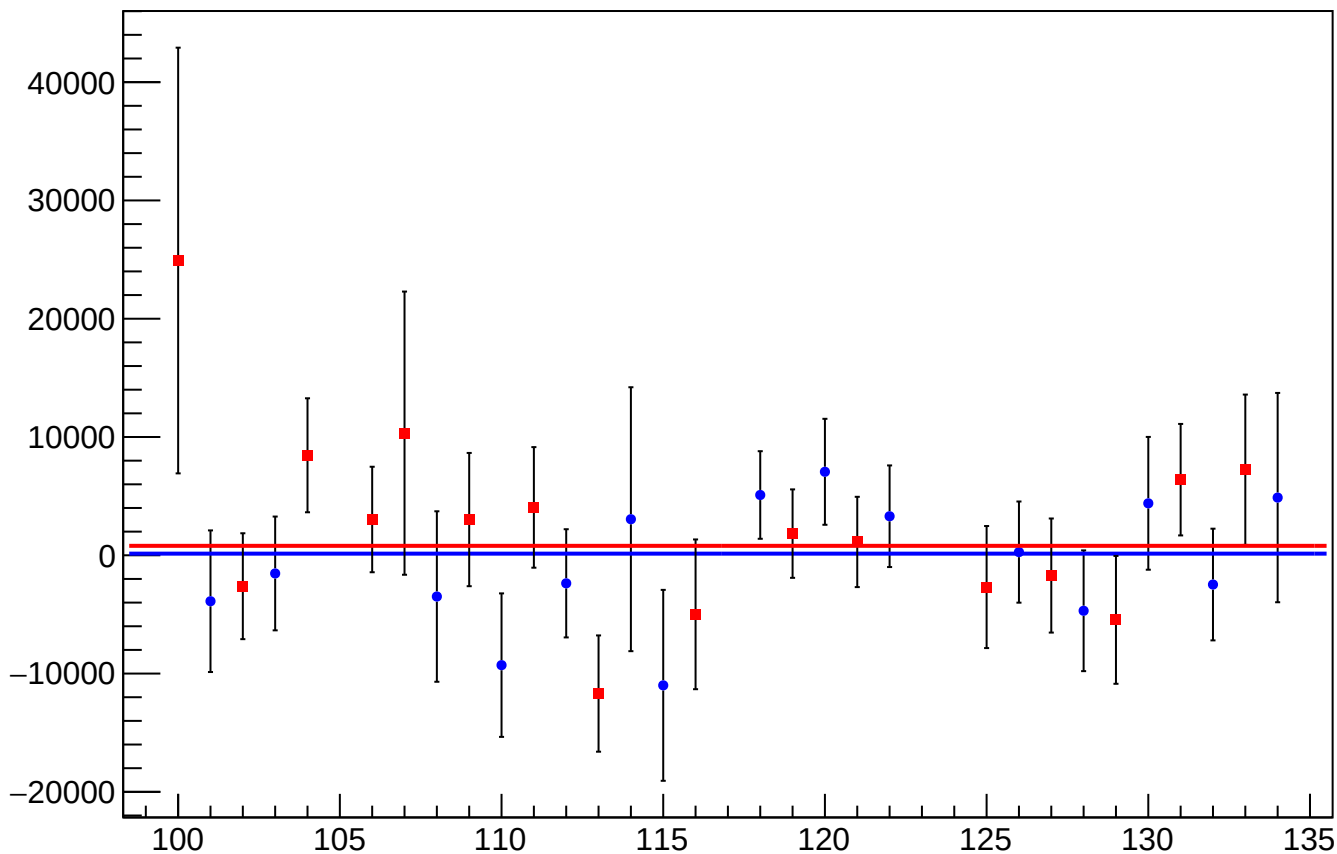
Right: 1390.073+/-0.275 χ^2/NDF : 115598.6/30

In: 1387.664+/-0.391 χ^2/NDF : 62042.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.073+/-0.275 χ^2/NDF : 115598.6/30

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 139.172+/-1350.662 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.172+/-1275.738 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

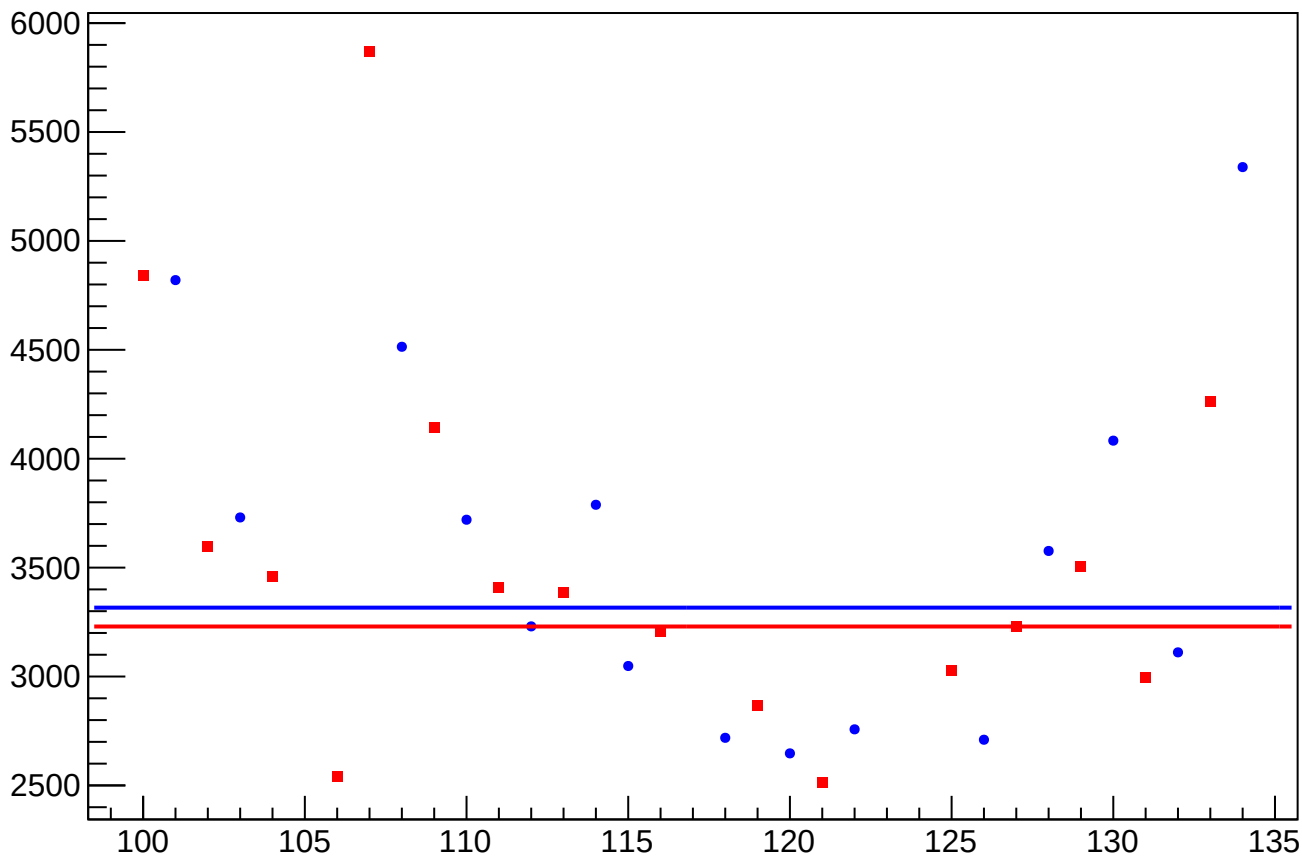
Right: 487.985+/-927.440 χ^2/NDF : 30.6/30

In: 139.172+/-1350.662 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.985+/-927.440 χ^2/NDF : 30.6/30

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3316.270+/-0.955 χ^2/NDF : 533209.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3229.637+/-0.902 χ^2/NDF : 391800.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

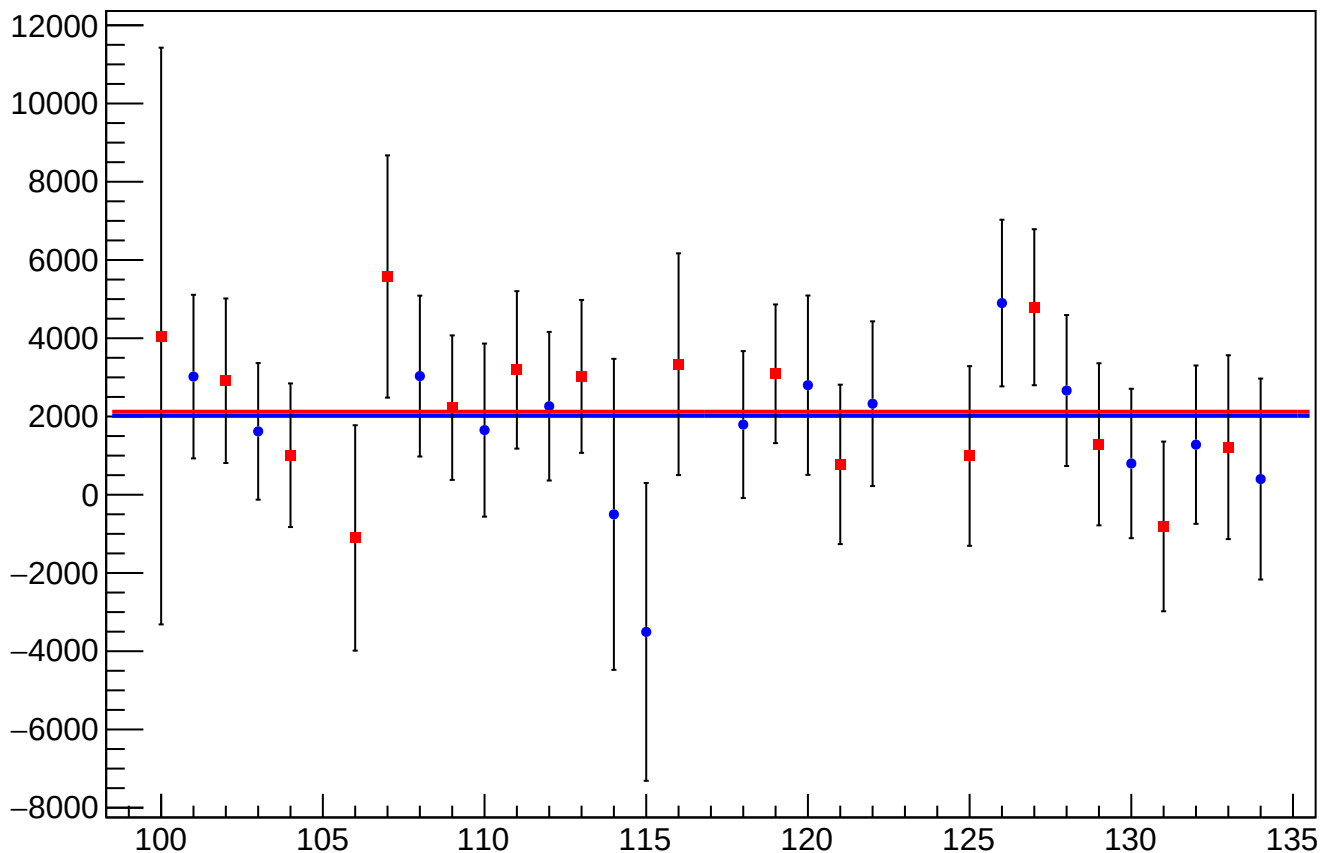
Right: 3270.484+/-0.656 χ^2/NDF : 929358.4/30

In: 3316.270+/-0.955 χ^2/NDF : 533209.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3270.484+/-0.656 χ^2/NDF : 929358.4/30

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2016.507+/-553.366 χ^2/NDF : 6.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2121.346+/-548.869 χ^2/NDF : 8.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

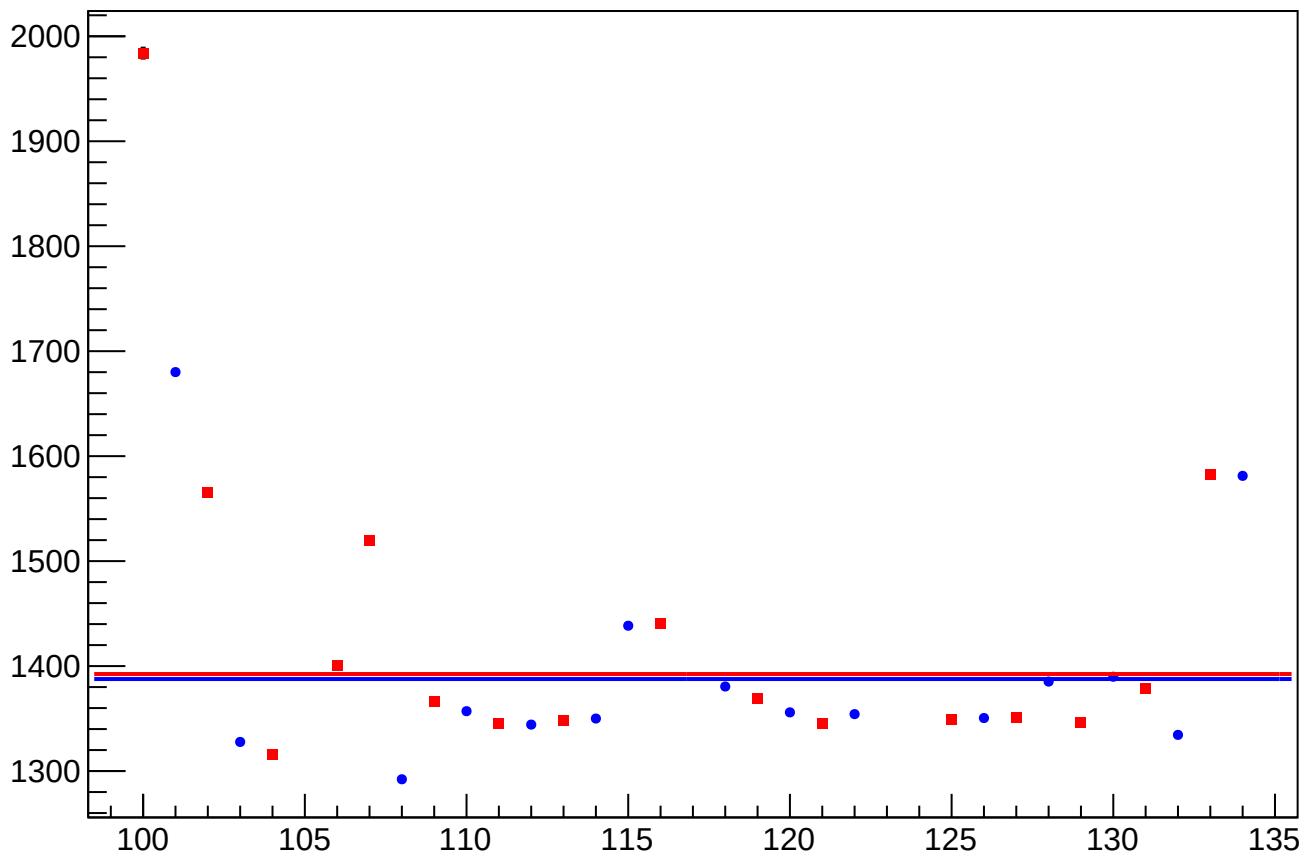
Right: 2069.354+/-389.689 χ^2/NDF : 14.8/30

In: 2016.507+/-553.366 χ^2/NDF : 6.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2069.354+/-389.689 χ^2/NDF : 14.8/30

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1387.664+/-0.391 χ^2/NDF : 62042.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1392.430+/-0.387 χ^2/NDF : 53481.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

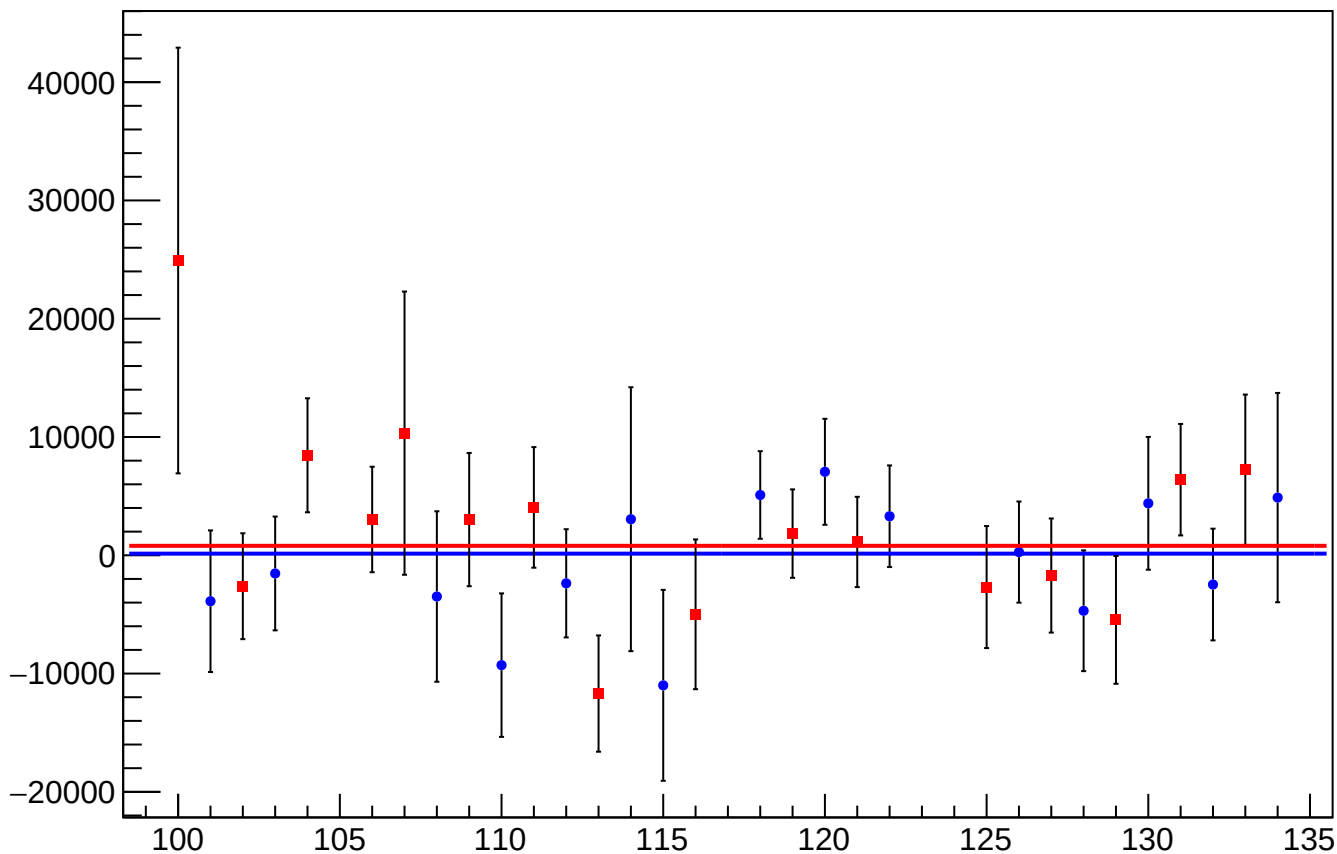
Right: 1390.073+/-0.275 χ^2/NDF : 115598.4/30

In: 1387.664+/-0.391 χ^2/NDF : 62042.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.073+/-0.275 χ^2/NDF : 115598.4/30

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 139.176+/-1350.657 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.175+/-1275.734 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

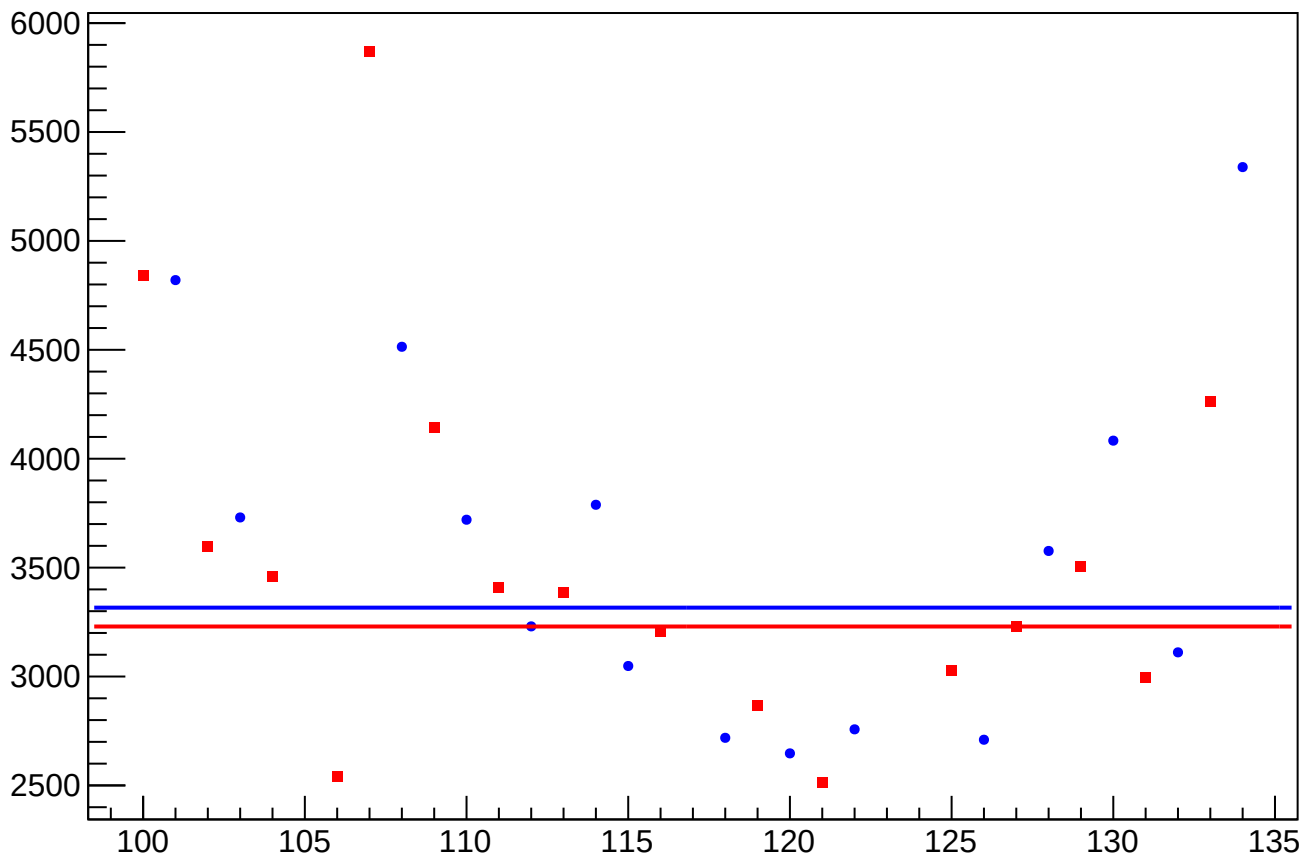
Right: 487.988+/-927.437 χ^2/NDF : 30.6/30

In: 139.176+/-1350.657 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.988+/-927.437 χ^2/NDF : 30.6/30

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3316.259+/-0.955 χ^2/NDF : 533214.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3229.627+/-0.902 χ^2/NDF : 391801.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

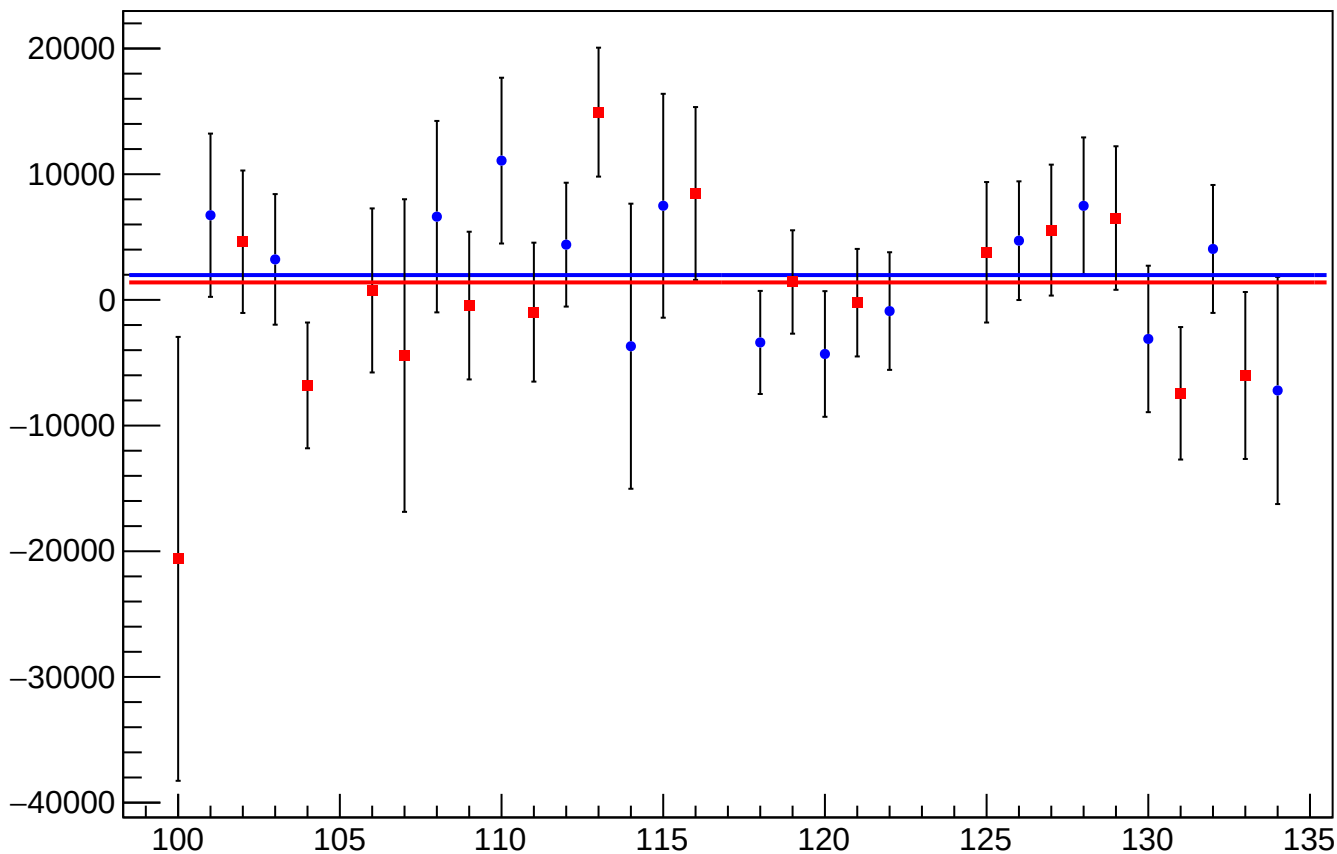
Right: 3270.474+/-0.656 χ^2/NDF : 929363.7/30

In: 3316.259+/-0.955 χ^2/NDF : 533214.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3270.474+/-0.656 χ^2/NDF : 929363.7/30

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1974.061+/-1463.931 χ^2/NDF : 10.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.931+/-1418.443 χ^2/NDF : 18.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

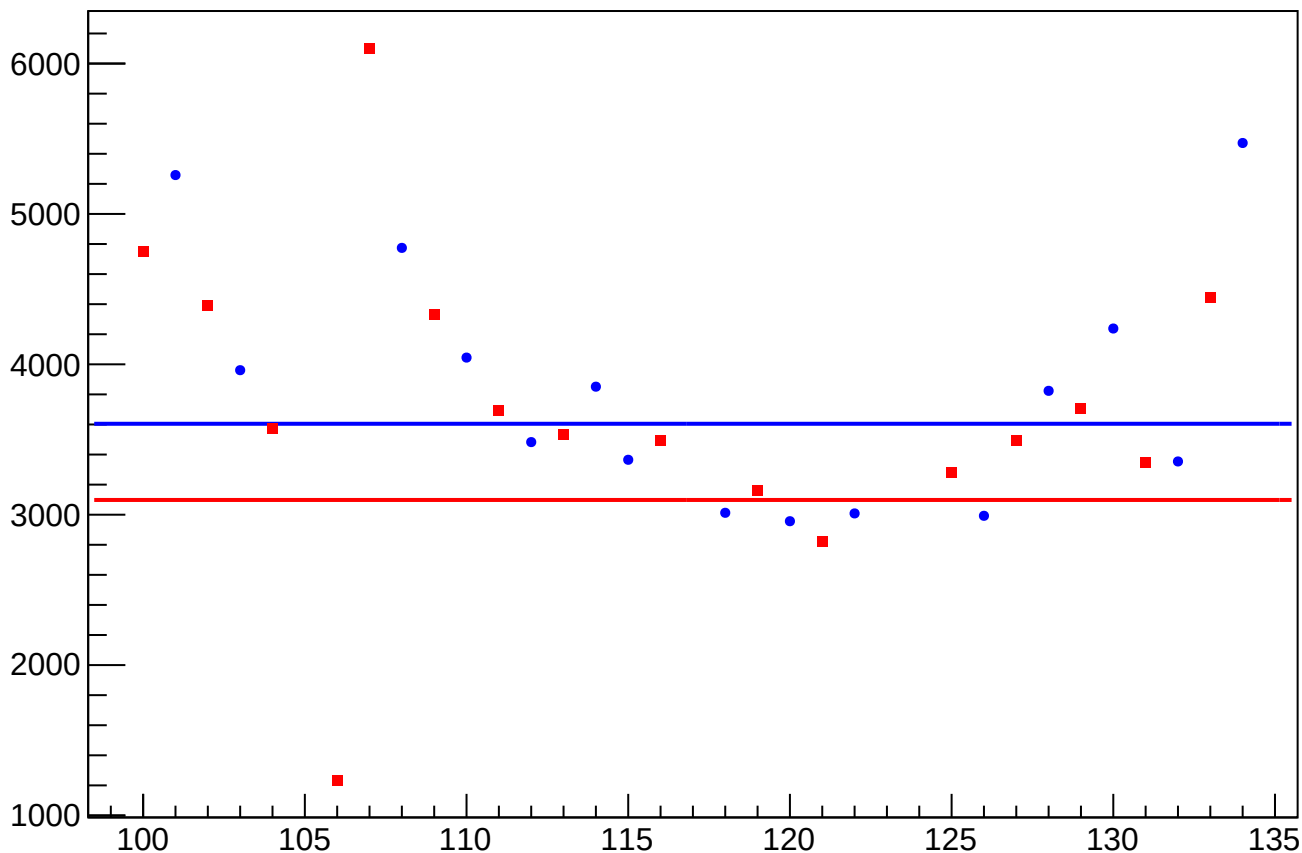
Right: 1672.780+/-1018.692 χ^2/NDF : 29.7/30

In: 1974.061+/-1463.931 χ^2/NDF : 10.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.780+/-1018.692 χ^2/NDF : 29.7/30

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3604.678+/-1.035 χ^2/NDF : 457208.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3098.028+/-0.915 χ^2/NDF : 1382479.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

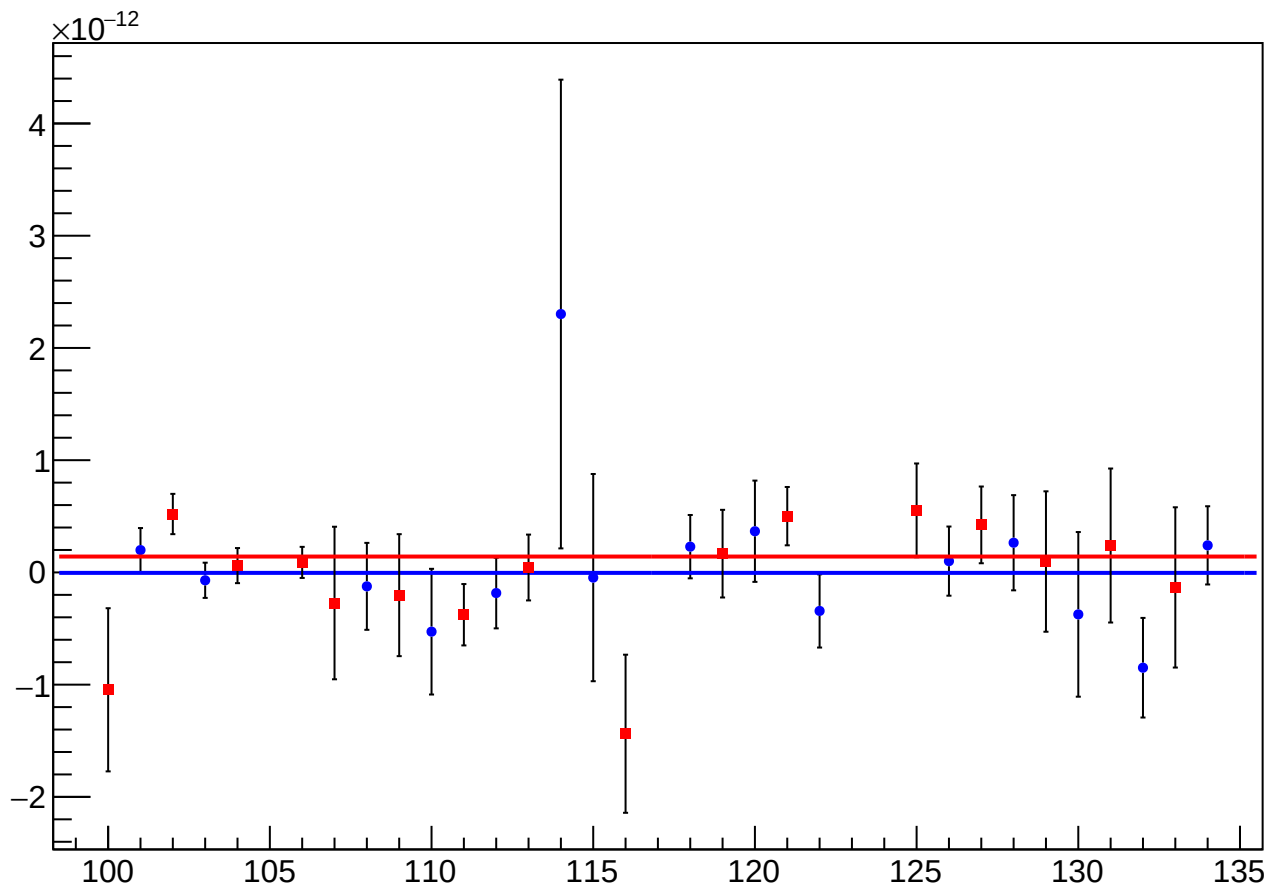
Right: 3320.201+/-0.685 χ^2/NDF : 1974196.0/30

In: 3604.678+/-1.035 χ^2/NDF : 457208.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3320.201+/-0.685 χ^2/NDF : 1974196.0/30

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

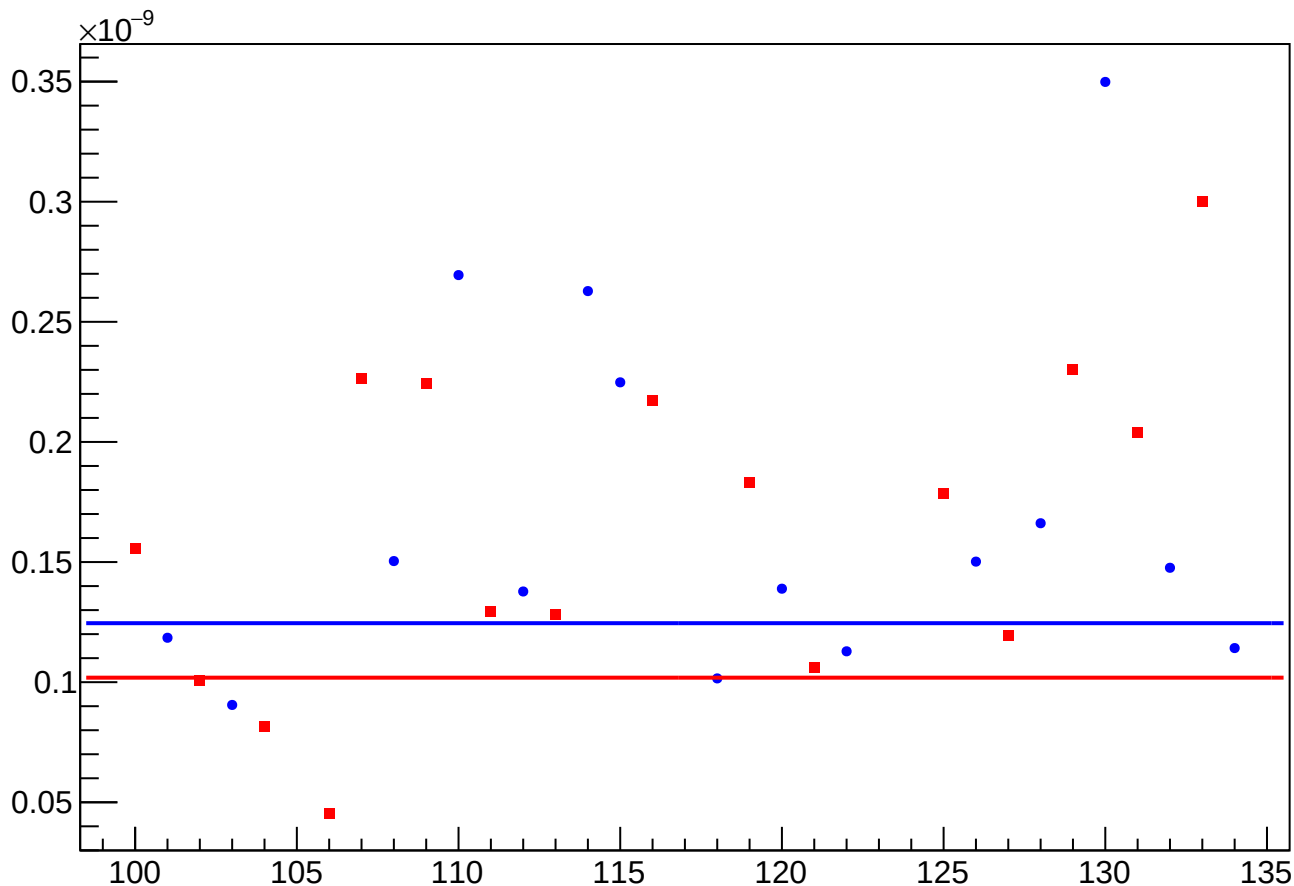
Right: 0.000+/-0.000 χ^2/NDF : 33.7/30

In: -0.000+/-0.000 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.7/30

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 521548.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1079103.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

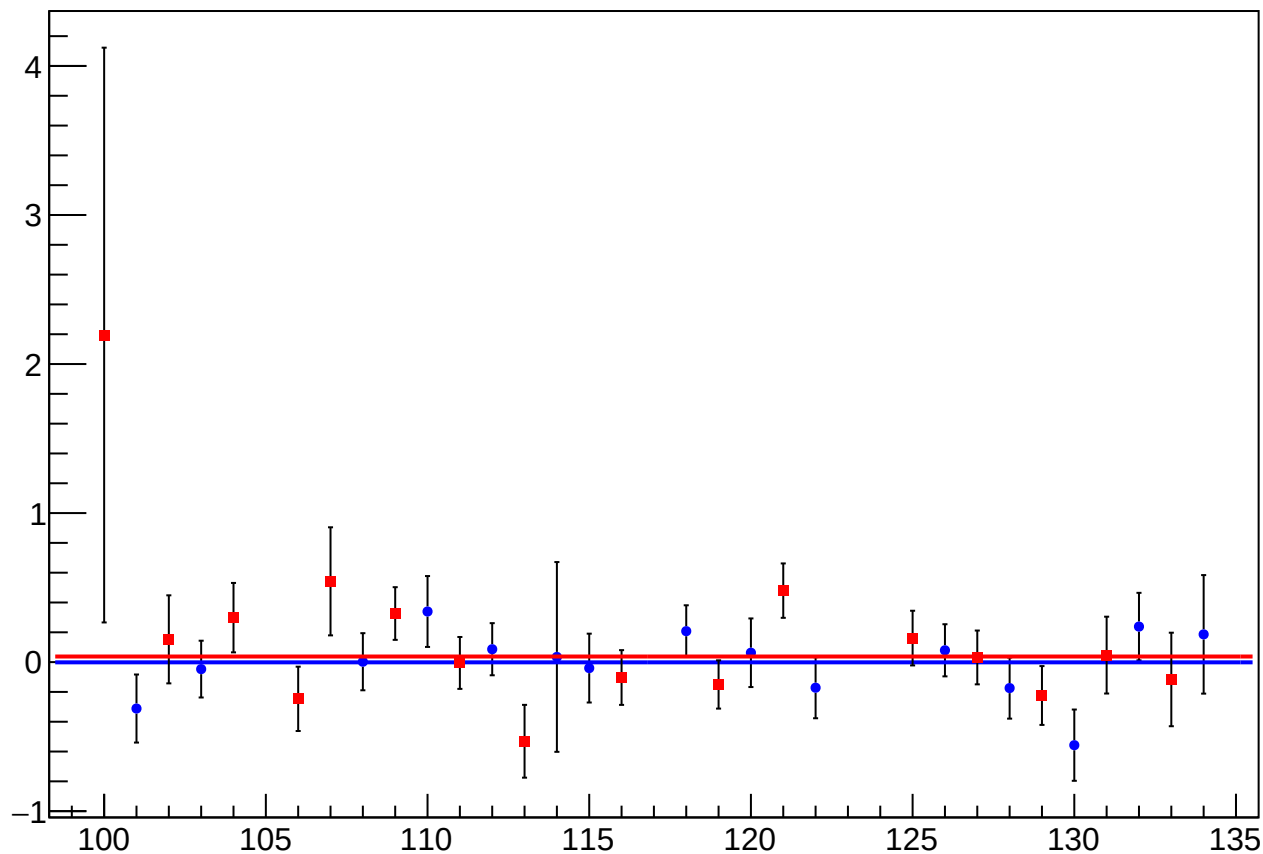
Right: 0.000+/-0.000 χ^2/NDF : 1687641.5/30

In: 0.000+/-0.000 χ^2/NDF : 521548.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1687641.5/30

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.056 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.053 χ^2 /NDF: 24.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

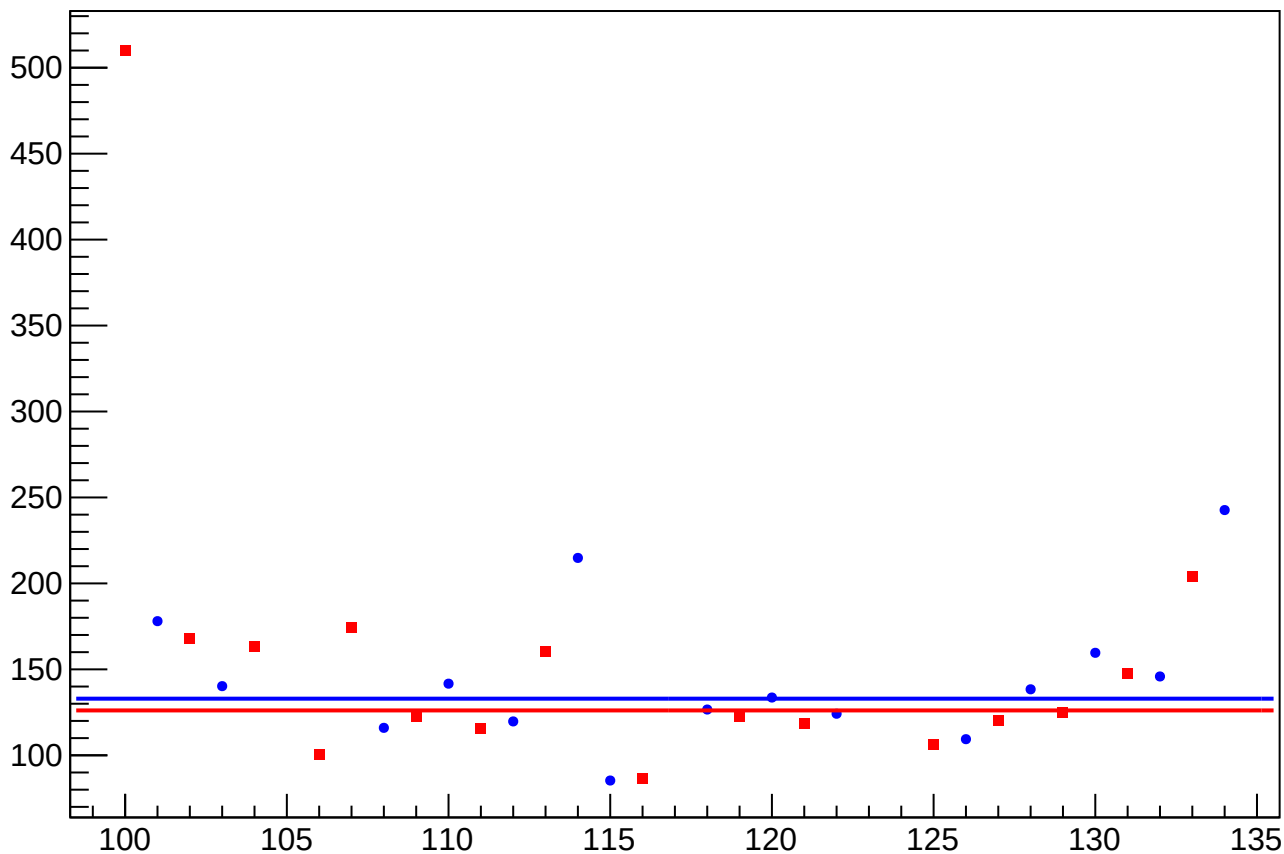
Right: 0.019 $\pm$ 0.039 χ^2 /NDF: 39.1/30

In: -0.002 $\pm$ 0.056 χ^2 /NDF:14.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.039 χ^2 /NDF: 39.1/30

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.946+/-0.039 χ^2/NDF : 456539.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.105+/-0.038 χ^2/NDF : 539570.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

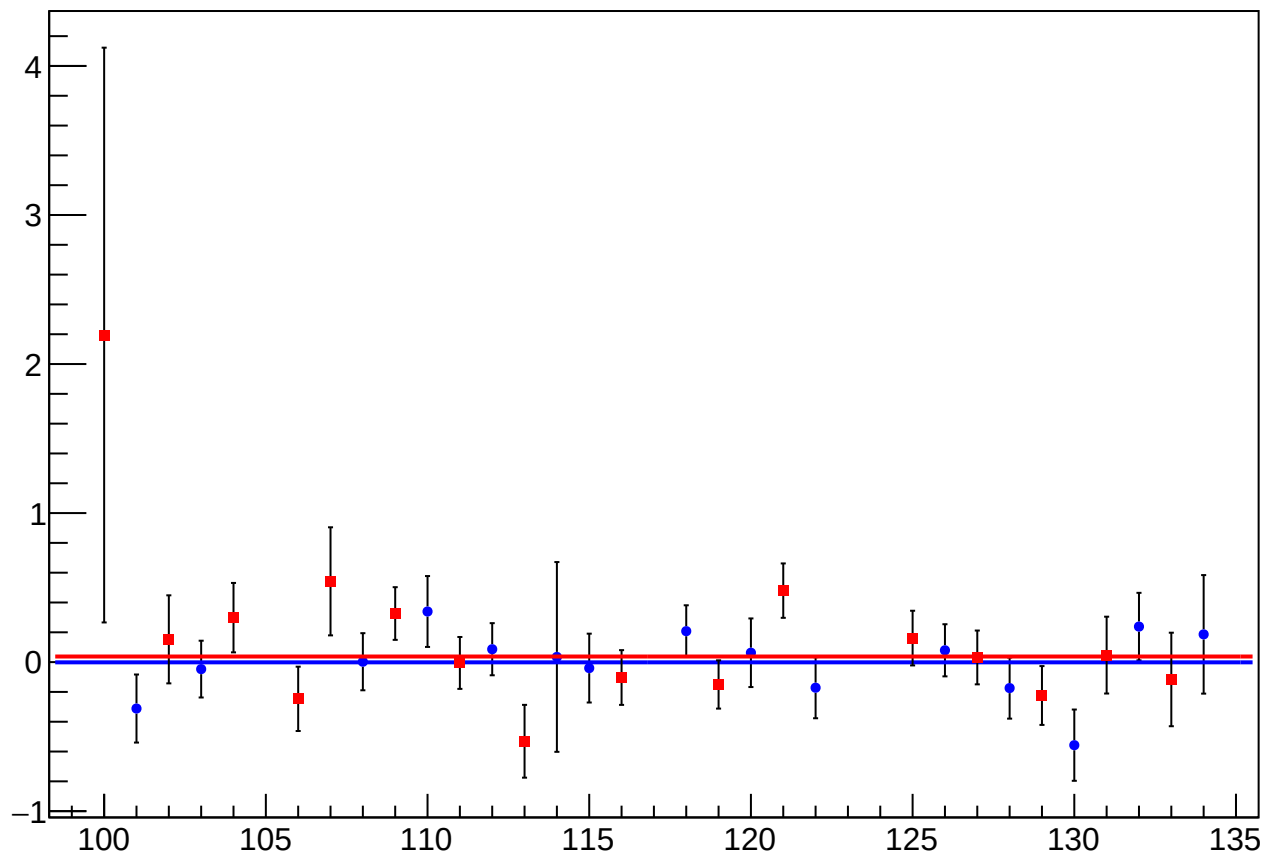
Right: 129.378+/-0.027 χ^2/NDF : 1011787.6/30

In: 132.946+/-0.039 χ^2/NDF : 456539.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011787.6/30

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.056 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.038 ± 0.053 χ^2/NDF : 24.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

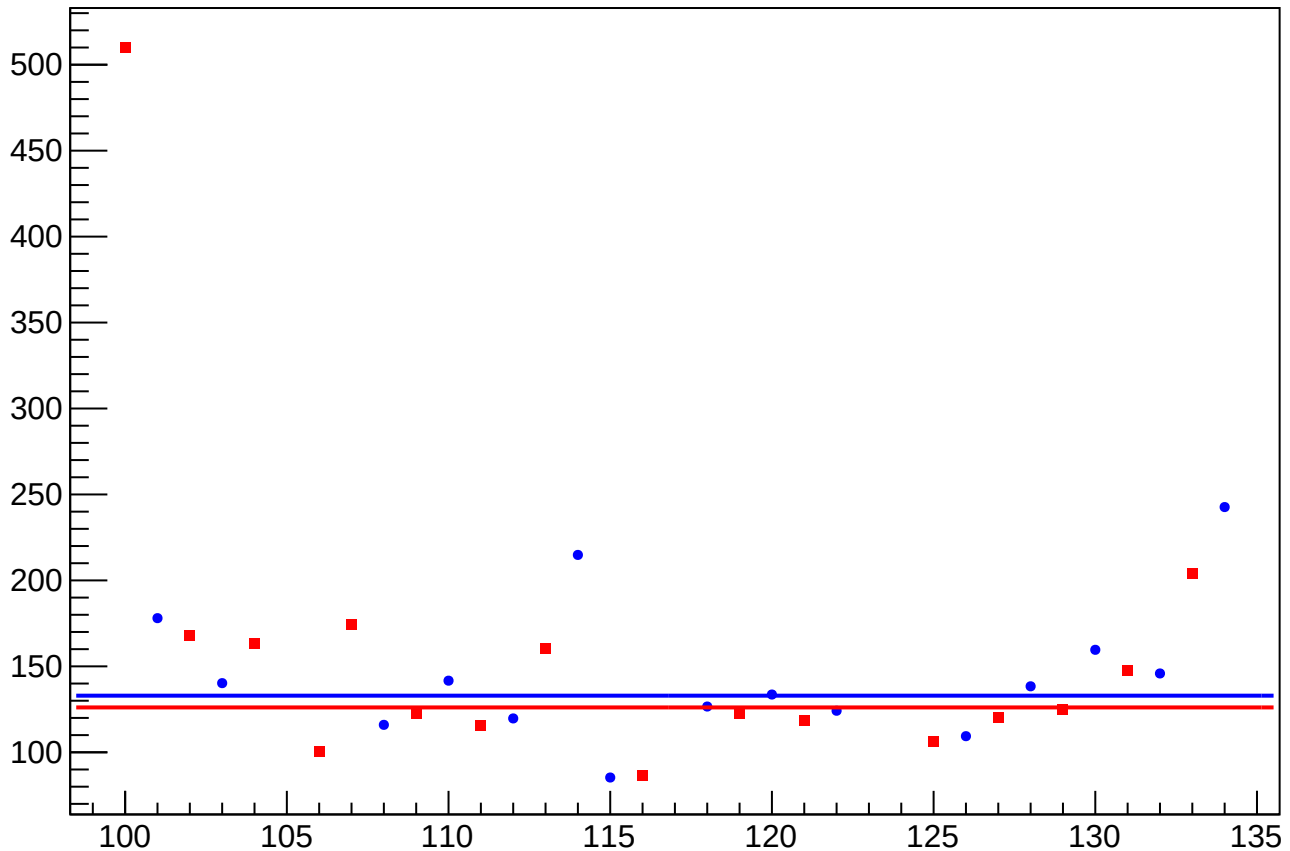
Right: 0.019 ± 0.039 χ^2/NDF : 39.1/30

In: -0.002 ± 0.056 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.019 ± 0.039 χ^2/NDF : 39.1/30

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.946+/-0.039 χ^2/NDF : 456539.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.105+/-0.038 χ^2/NDF : 539570.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

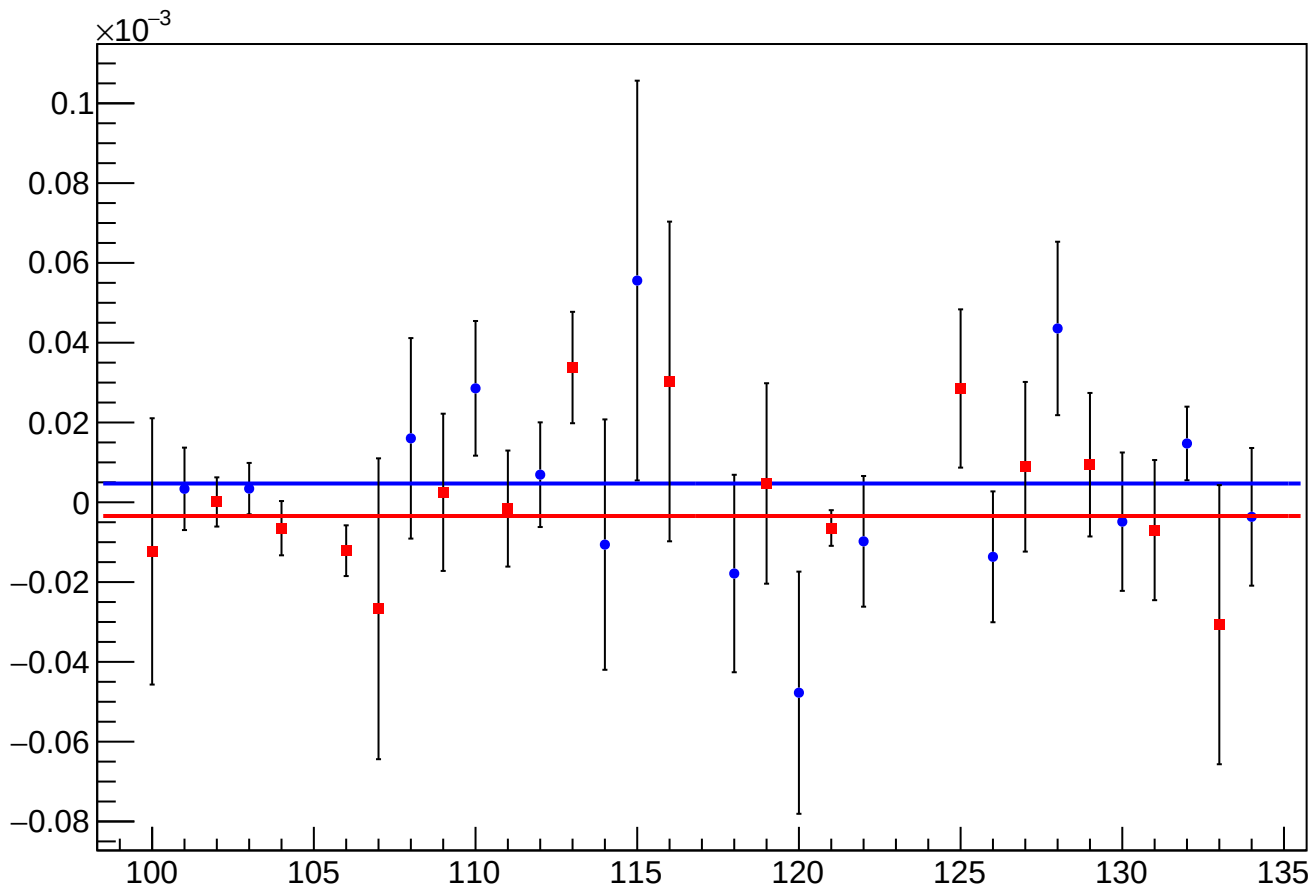
Right: 129.378+/-0.027 χ^2/NDF : 1011787.6/30

In: 132.946+/-0.039 χ^2/NDF : 456539.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011787.6/30

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 15.4/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

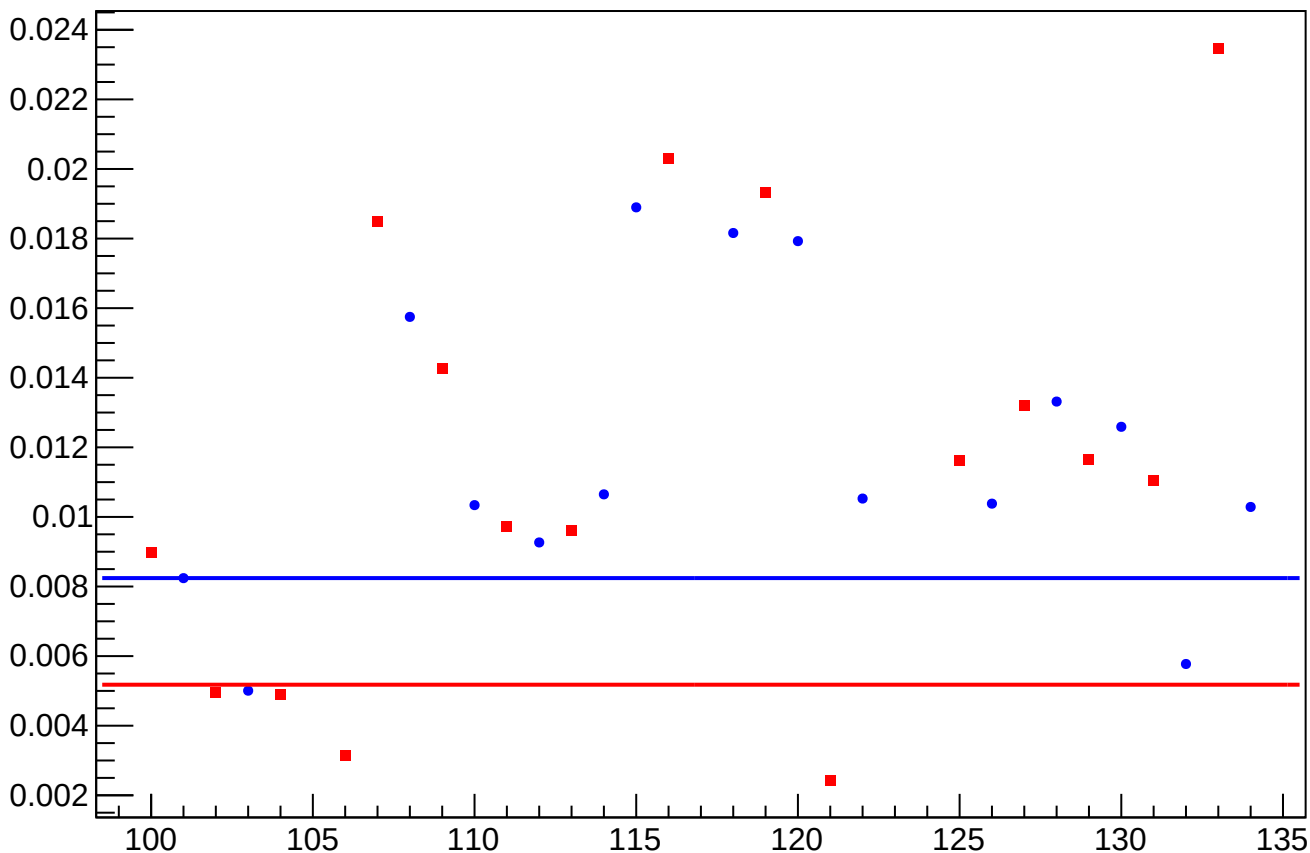
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 33.1/30

In: 0.000 $\pm$ 0.000 χ^2/NDF : 14.3/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 33.1/30

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1833107.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 4515401.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

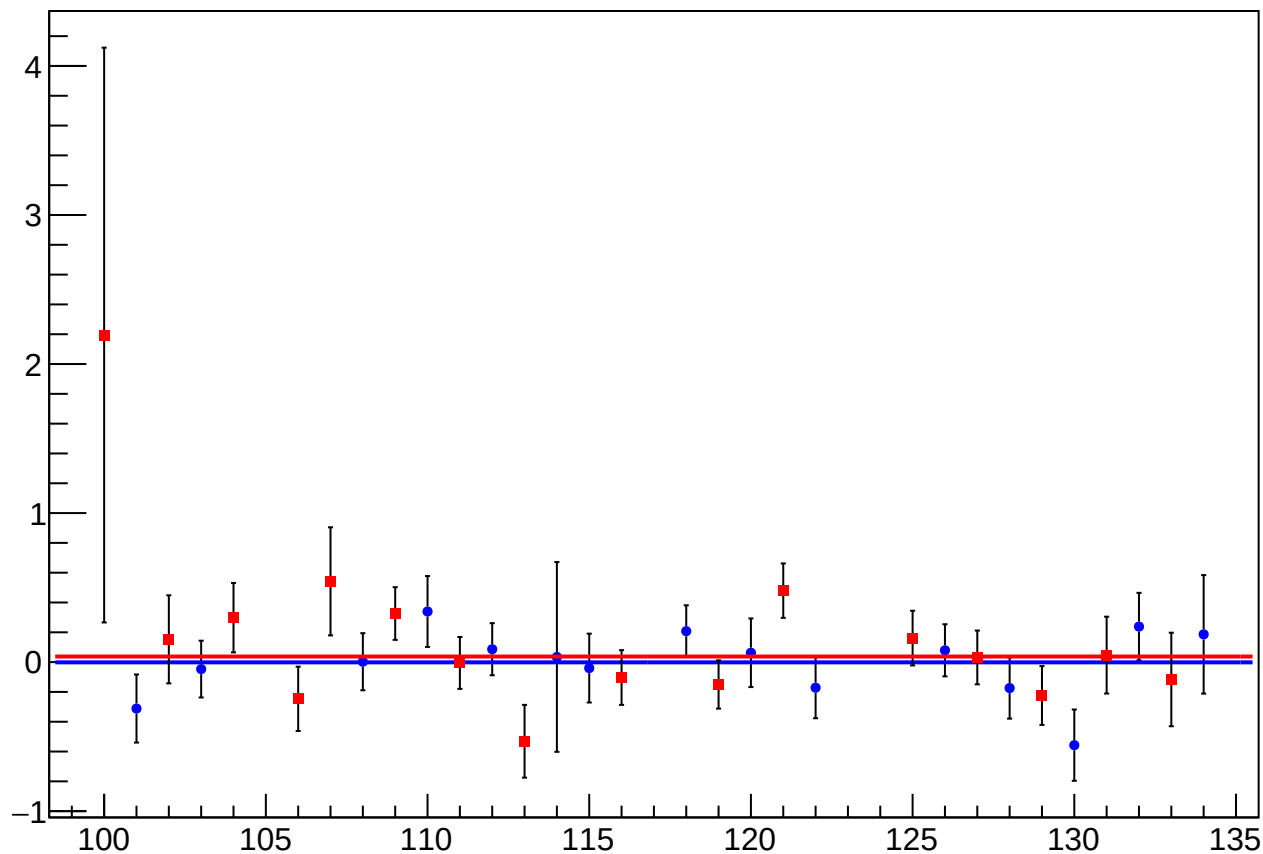
Right: 0.006+/-0.000 χ^2/NDF : 7302093.2/30

In: 0.008+/-0.000 χ^2/NDF : 1833107.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7302093.2/30

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.056 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.038 ± 0.053 χ^2/NDF : 24.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

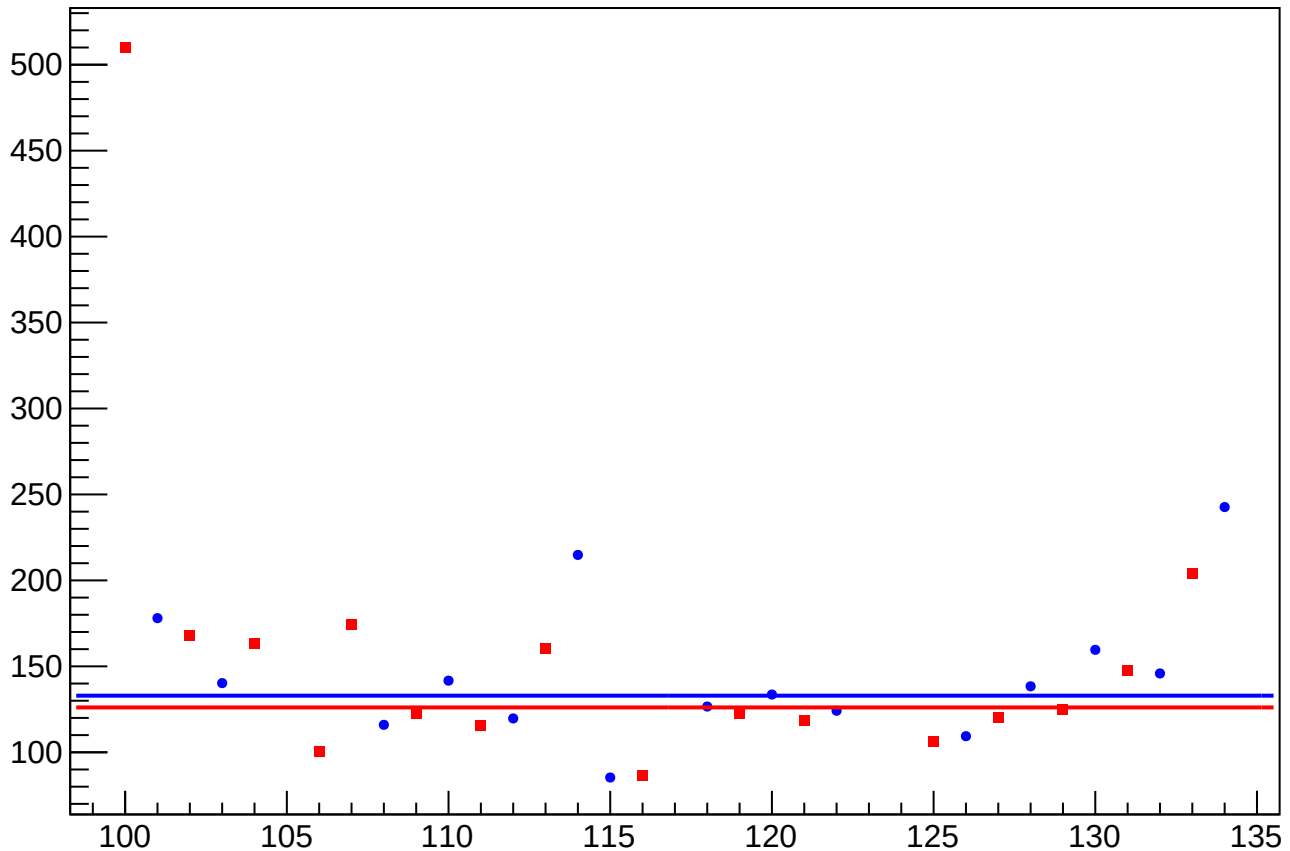
Right: 0.019 ± 0.039 χ^2/NDF : 39.1/30

In: -0.002 ± 0.056 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.019 ± 0.039 χ^2/NDF : 39.1/30

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.946+/-0.039 χ^2/NDF : 456500.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.105+/-0.038 χ^2/NDF : 539512.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

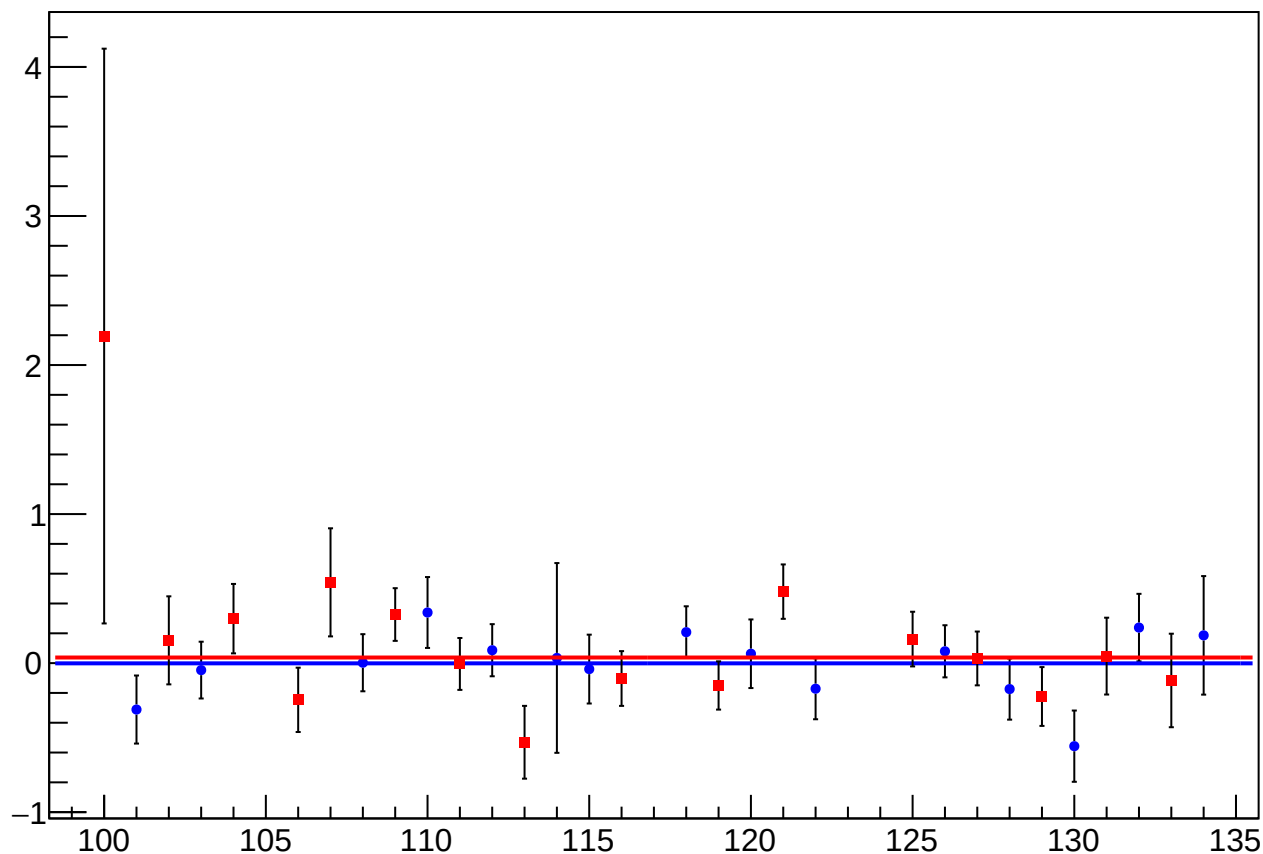
Right: 129.378+/-0.027 χ^2/NDF : 1011690.0/30

In: 132.946+/-0.039 χ^2/NDF : 456500.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011690.0/30

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.056 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.053 χ^2 /NDF: 24.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

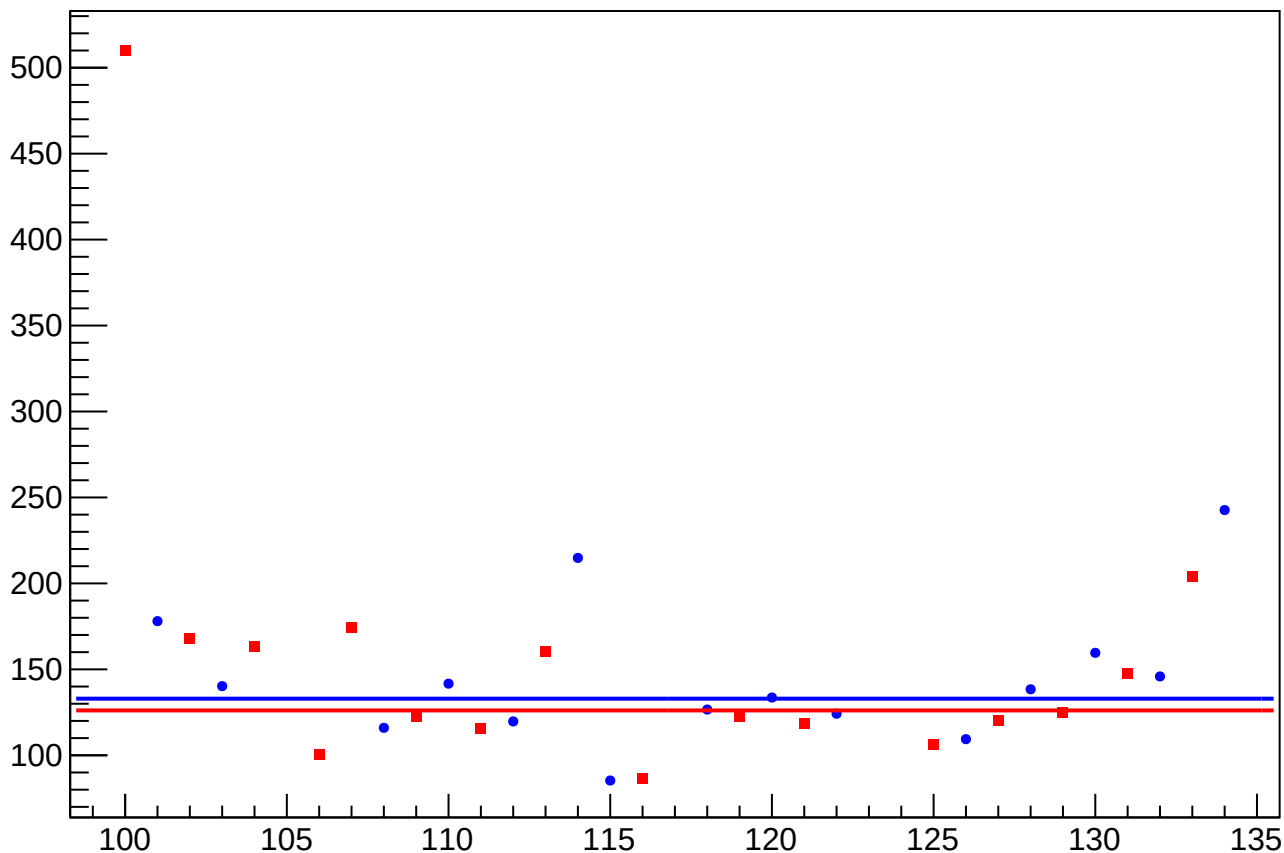
Right: 0.019 $\pm$ 0.039 χ^2 /NDF: 39.1/30

In: -0.002 $\pm$ 0.056 χ^2 /NDF:14.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.039 χ^2 /NDF: 39.1/30

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.946+/-0.039 χ^2/NDF : 456500.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.105+/-0.038 χ^2/NDF : 539512.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

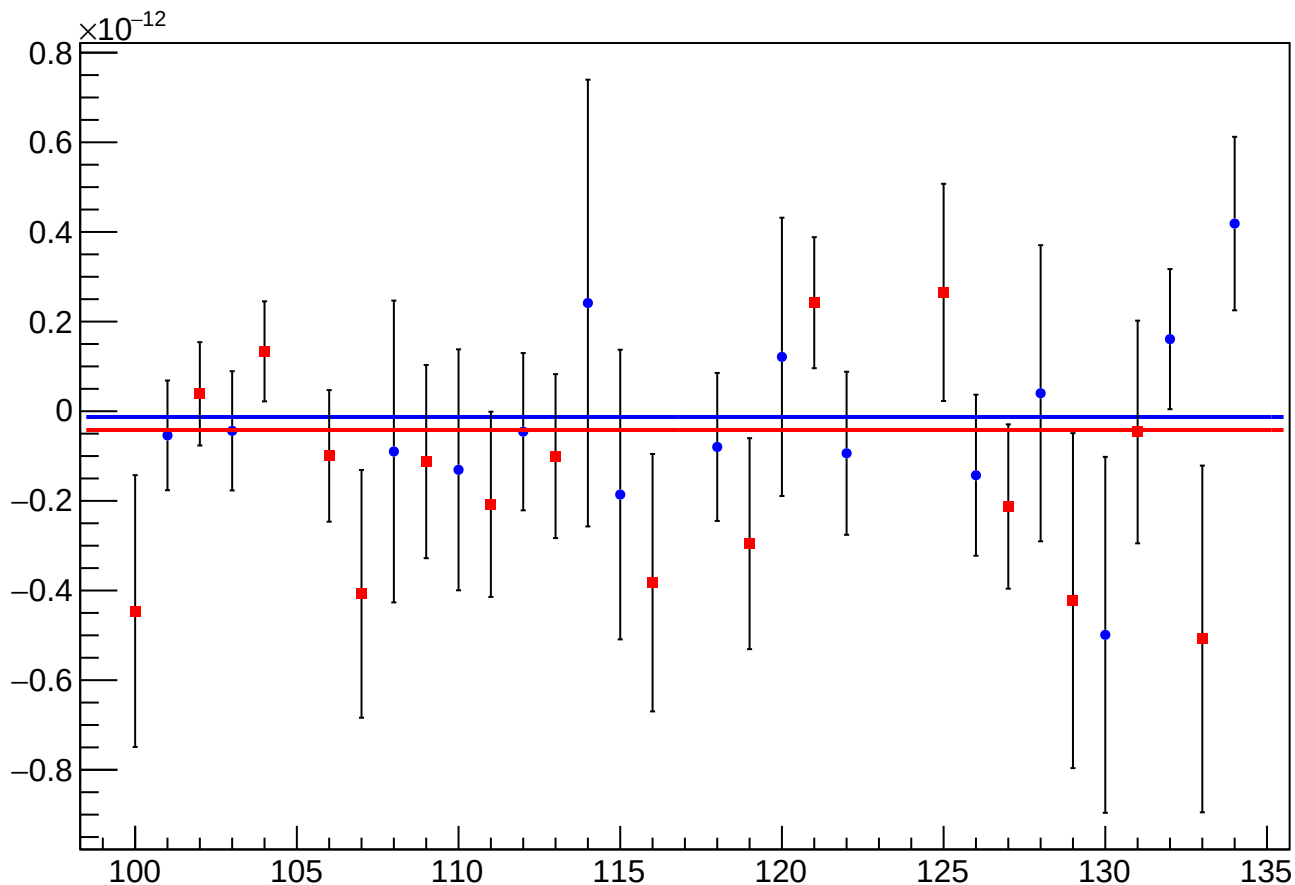
Right: 129.378+/-0.027 χ^2/NDF : 1011690.0/30

In: 132.946+/-0.039 χ^2/NDF : 456500.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011690.0/30

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

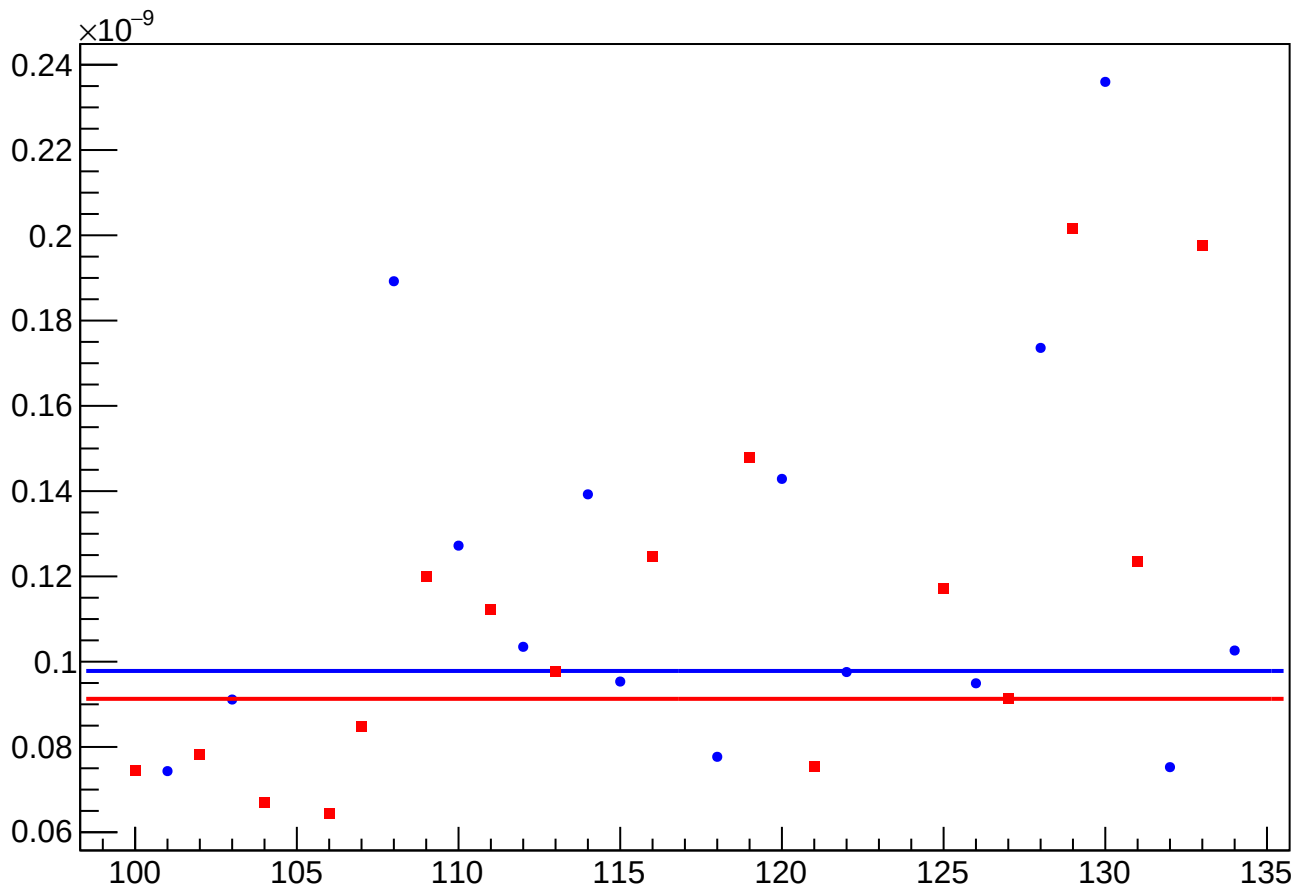
Right: -0.000+/-0.000 χ^2/NDF : 28.8/30

In: -0.000+/-0.000 χ^2/NDF : 9.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.8/30

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 728692.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 800563.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

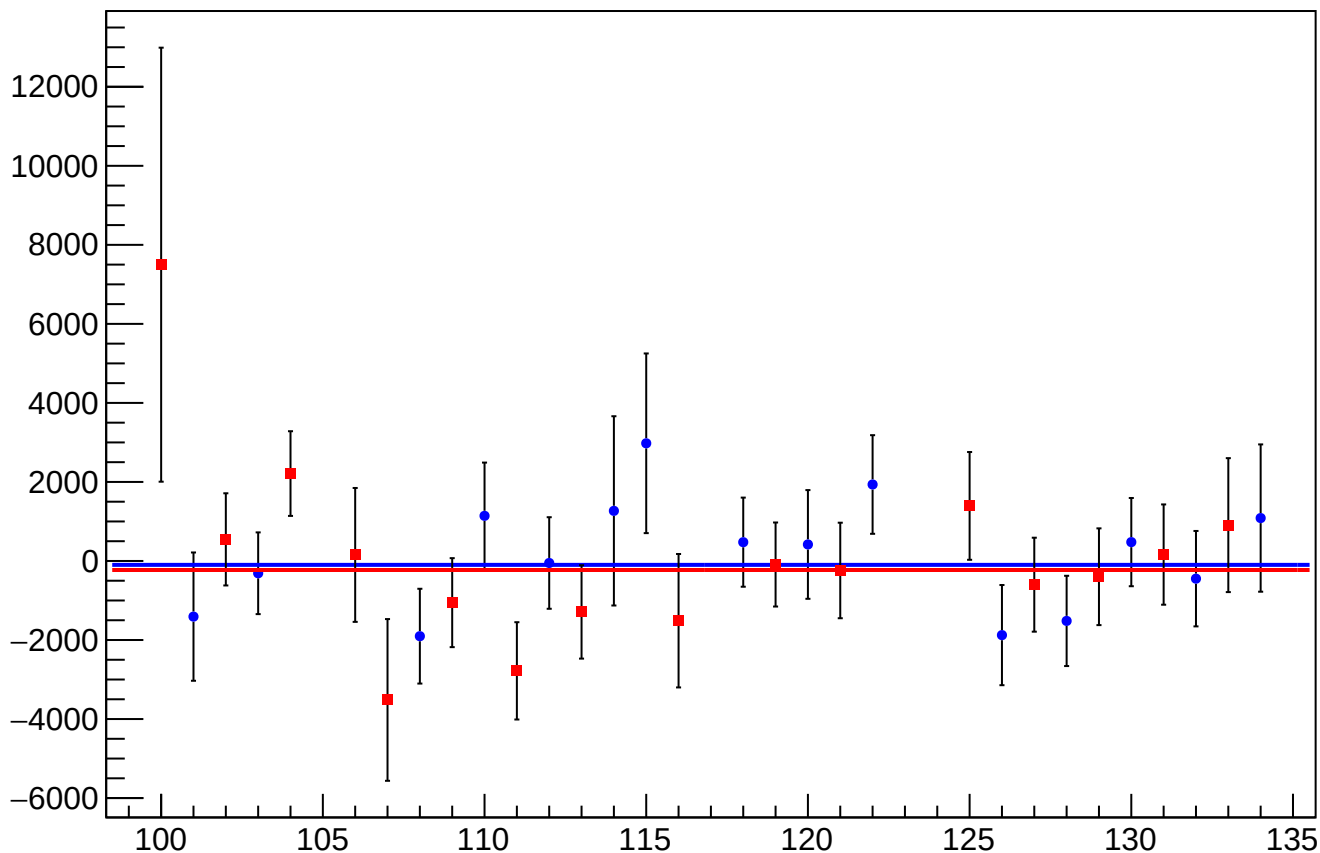
Right: 0.000+/-0.000 χ^2/NDF : 1547058.7/30

In: 0.000+/-0.000 χ^2/NDF : 728692.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1547058.7/30

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -98.339+/-337.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.256+/-329.833 χ^2/NDF : 18.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

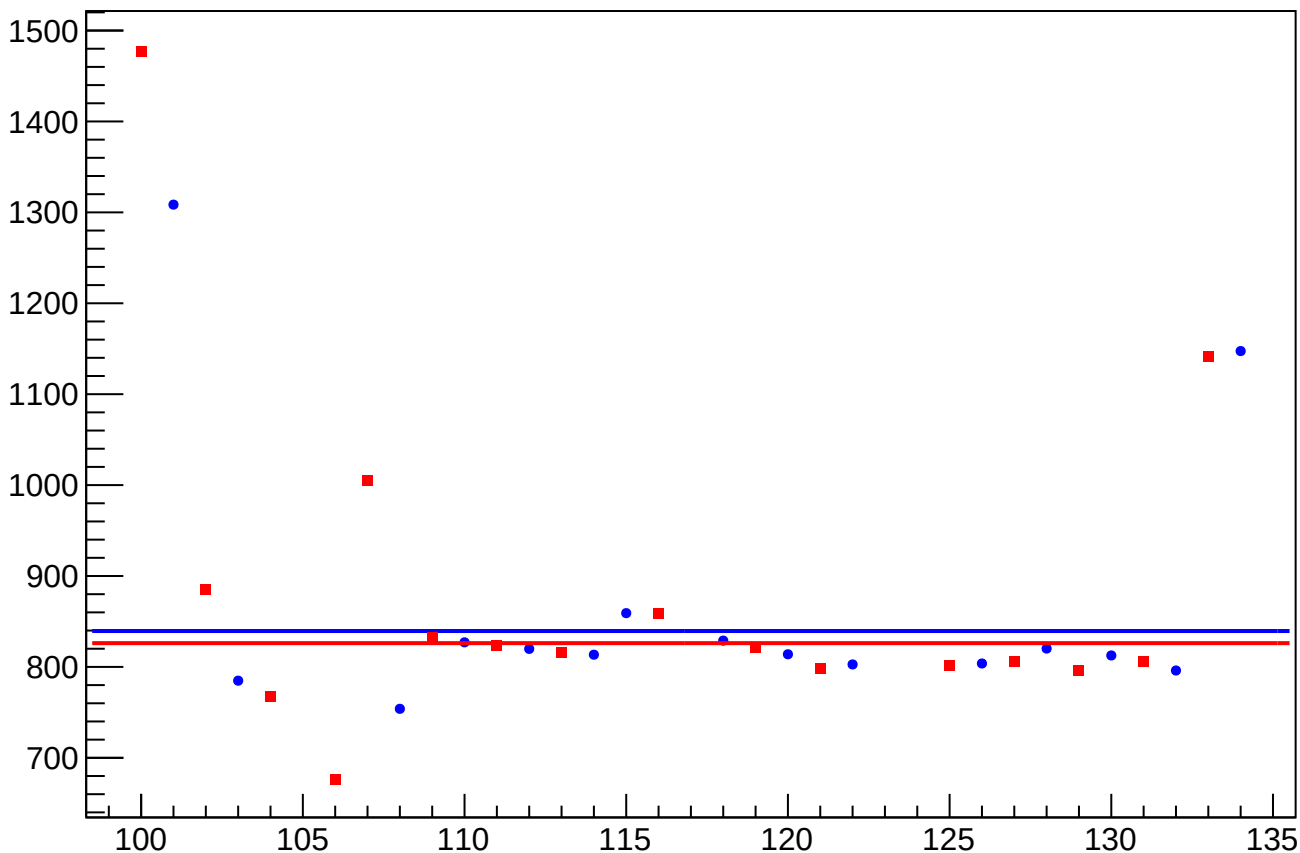
Right: -164.732+/-235.788 χ^2/NDF : 31.9/30

In: -98.339+/-337.196 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.732+/-235.788 χ^2/NDF : 31.9/30

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.492 $\pm$ 0.238 χ^2 /NDF: 246963.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 826.155 $\pm$ 0.230 χ^2 /NDF: 155426.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

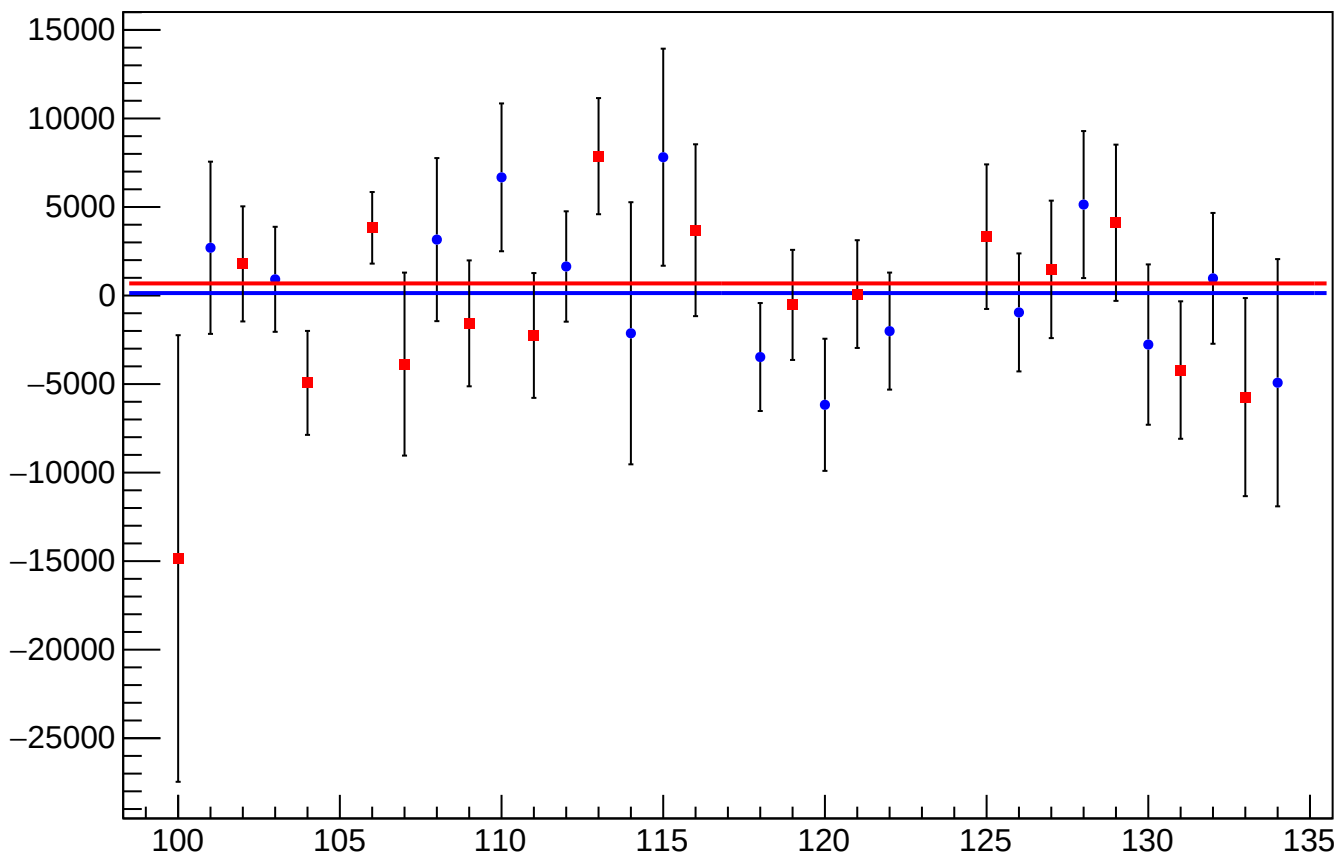
Right: 832.589 $\pm$ 0.166 χ^2 /NDF: 404008.9/30

In: 839.492 $\pm$ 0.238 χ^2 /NDF:246963.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 832.589 $\pm$ 0.166 χ^2 /NDF: 404008.9/30

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 138.810 $\pm$ 1015.393 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 684.157 $\pm$ 883.327 χ^2 /NDF: 18.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

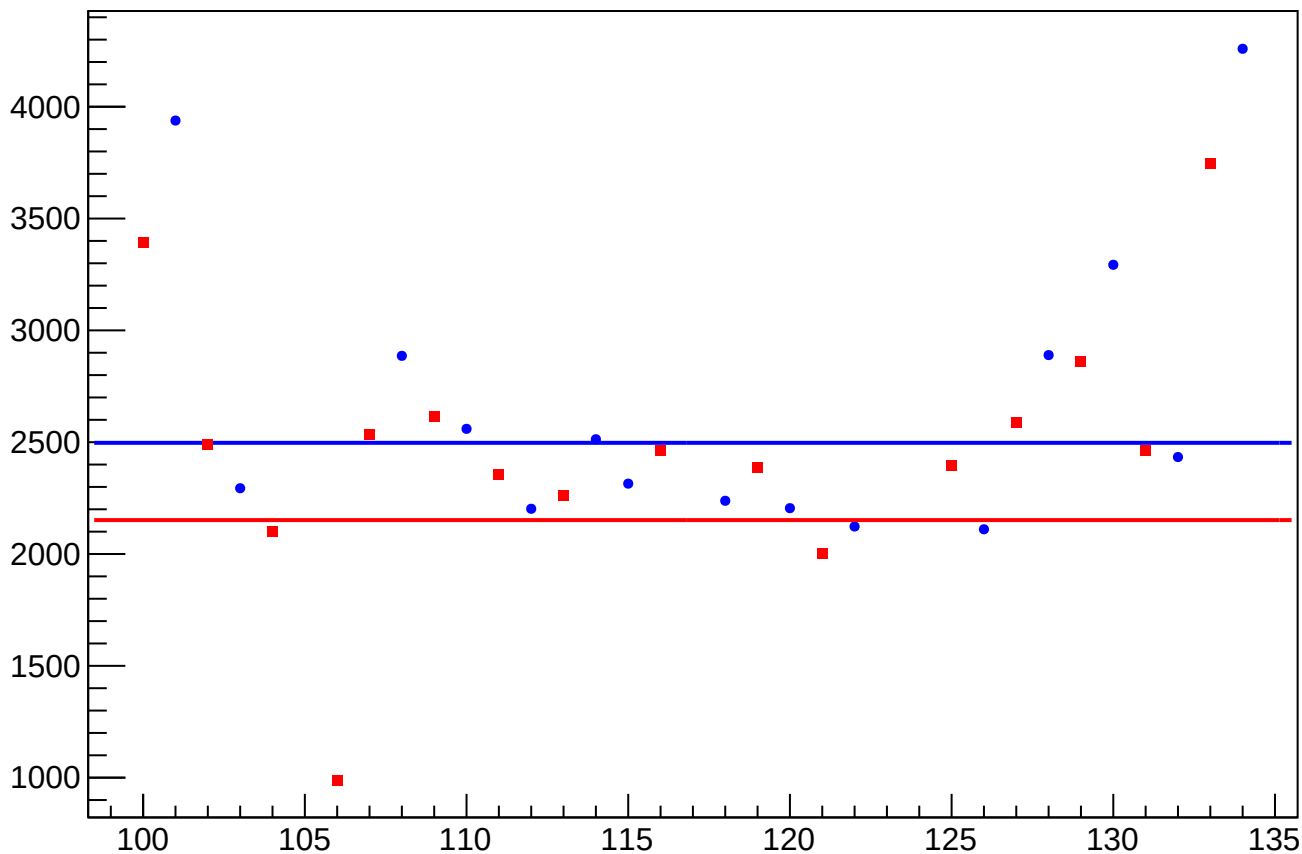
Right: 449.232 $\pm$ 666.441 χ^2 /NDF: 31.4/30

In: 138.810 $\pm$ 1015.393 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 449.232 $\pm$ 666.441 χ^2 /NDF: 31.4/30

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2497.197+/-0.718 χ^2/NDF : 506223.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2151.711+/-0.625 χ^2/NDF : 1042947.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

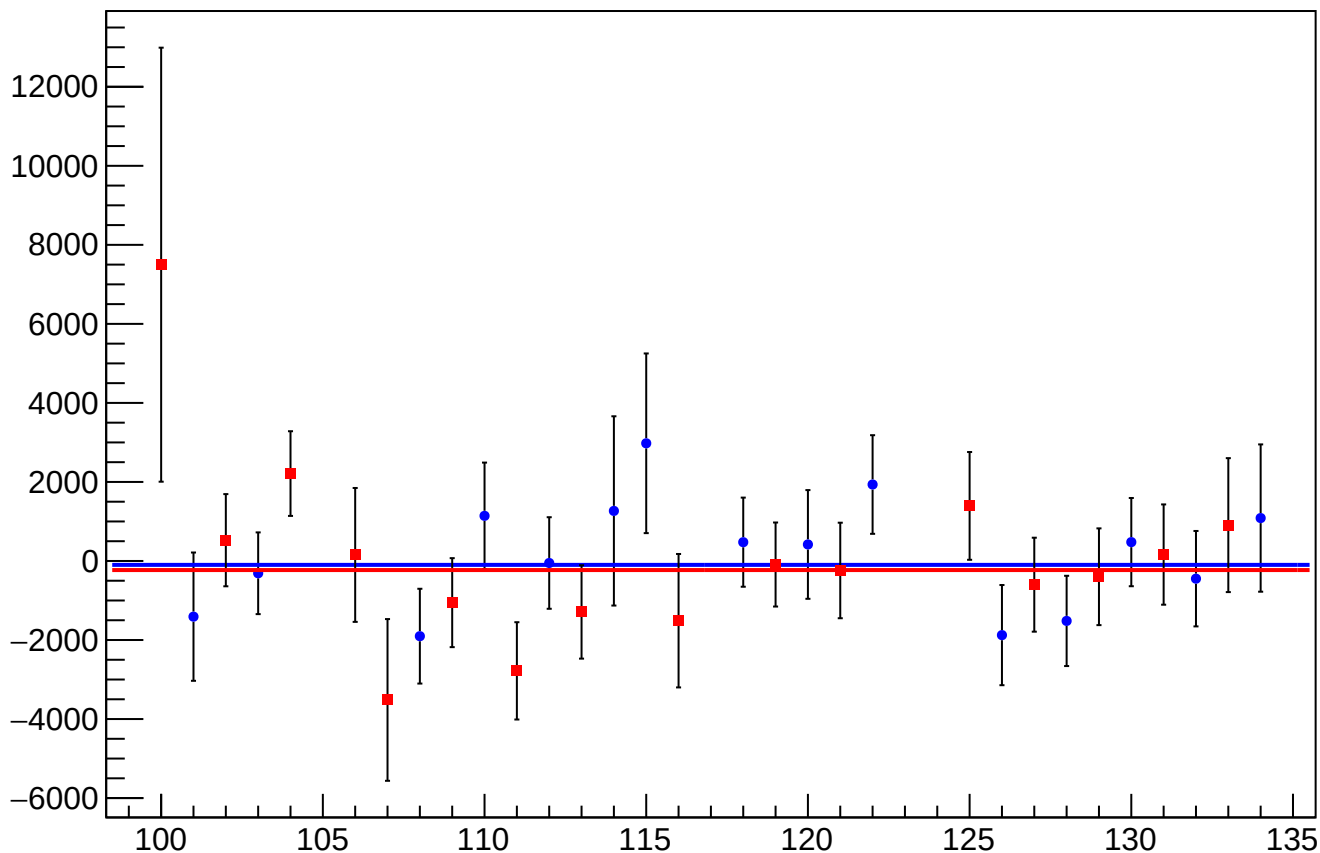
Right: 2300.539+/-0.471 χ^2/NDF : 1680967.2/30

In: 2497.197+/-0.718 χ^2/NDF :506223.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2300.539+/-0.471 χ^2/NDF : 1680967.2/30

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -98.434 ± 337.196 $\chi^2/\text{NDF}: 13.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -229.952 ± 329.839 $\chi^2/\text{NDF}: 18.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

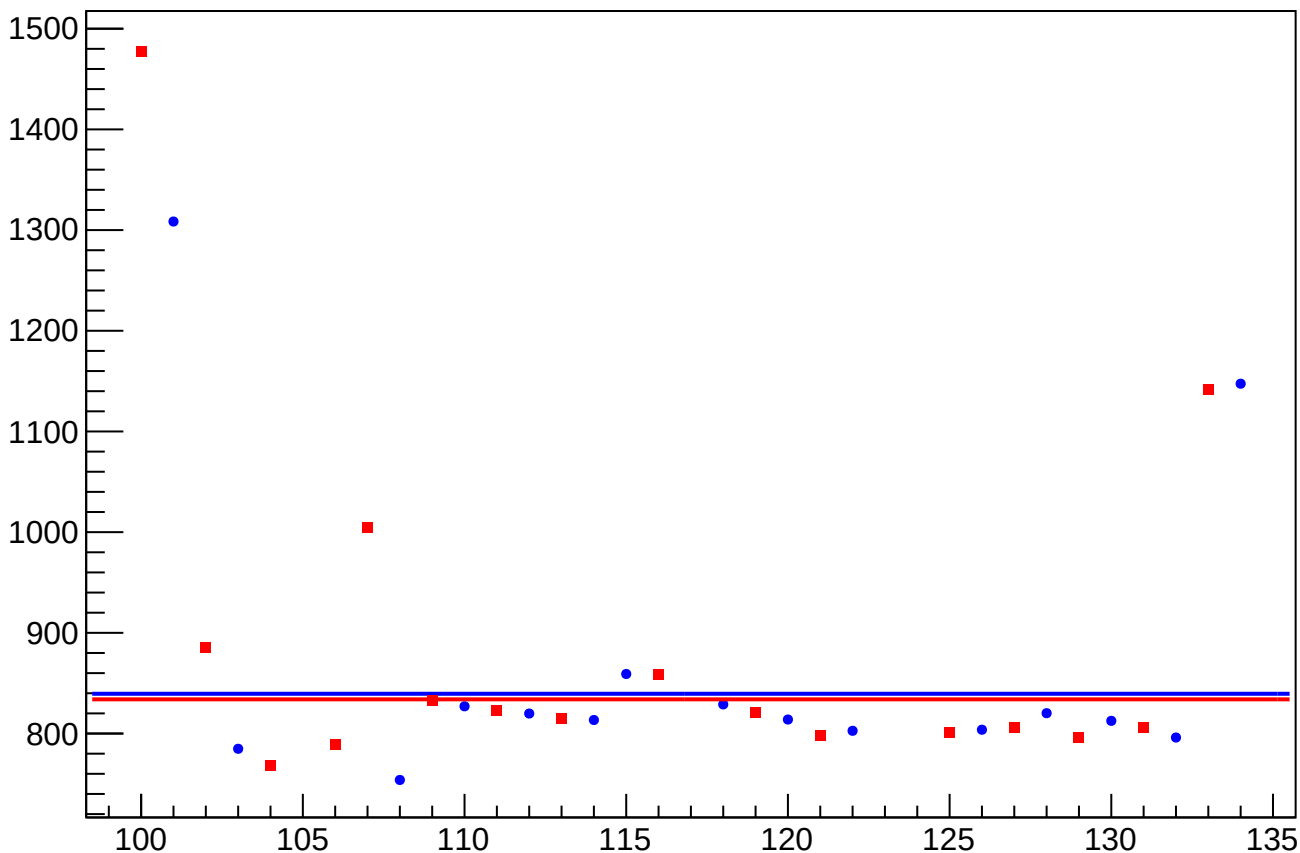
Right: -165.643 ± 235.789 $\chi^2/\text{NDF}: 31.9/30$

In: -98.434 ± 337.196 $\chi^2/\text{NDF}: 13.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -165.643 ± 235.789 $\chi^2/\text{NDF}: 31.9/30$

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.492+/-0.238 χ^2/NDF : 246962.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.951+/-0.232 χ^2/NDF : 128775.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

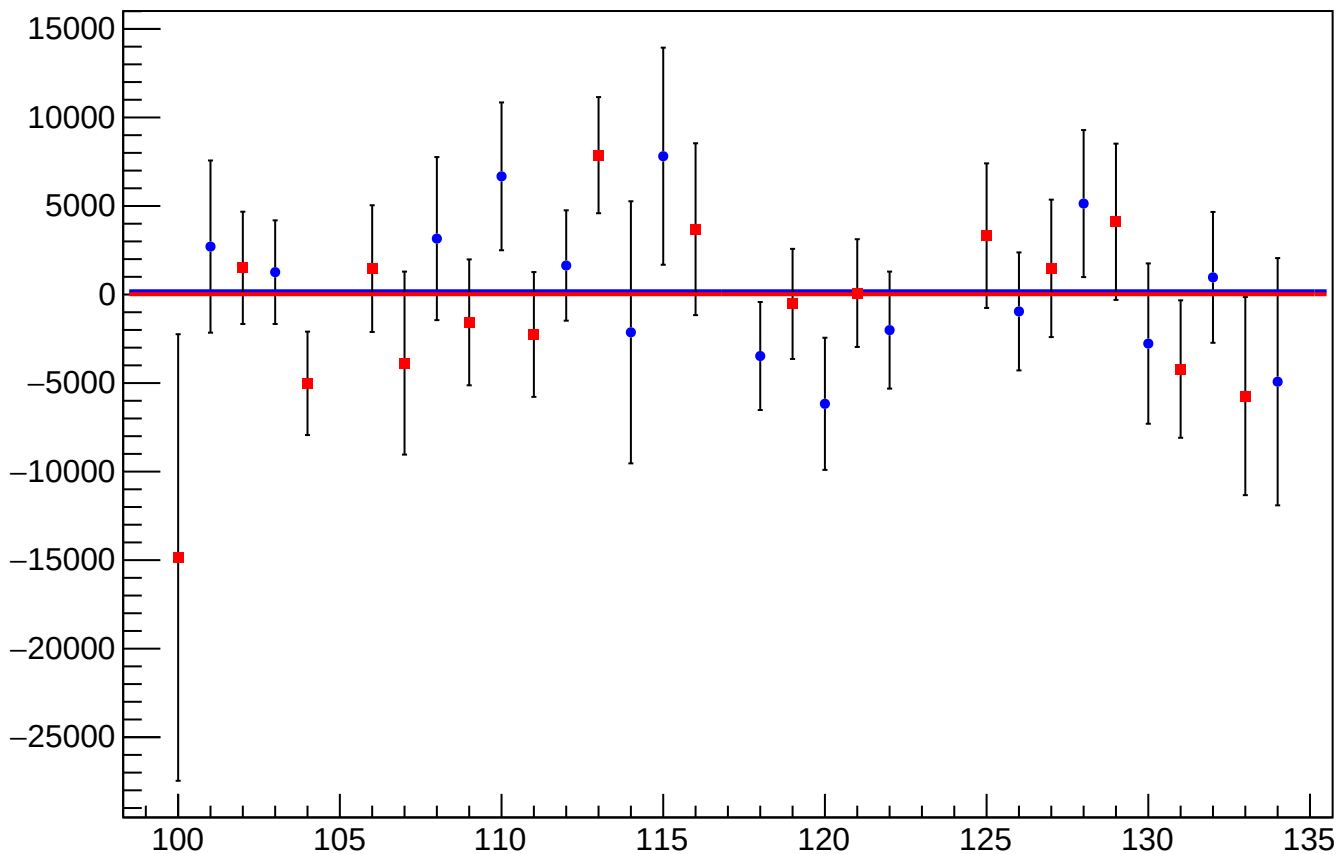
Right: 836.645+/-0.166 χ^2/NDF : 376015.8/30

In: 839.492+/-0.238 χ^2/NDF : 246962.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.645+/-0.166 χ^2/NDF : 376015.8/30

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 183.334 $\pm$ 1013.804 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.278 $\pm$ 944.454 χ^2 /NDF: 16.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

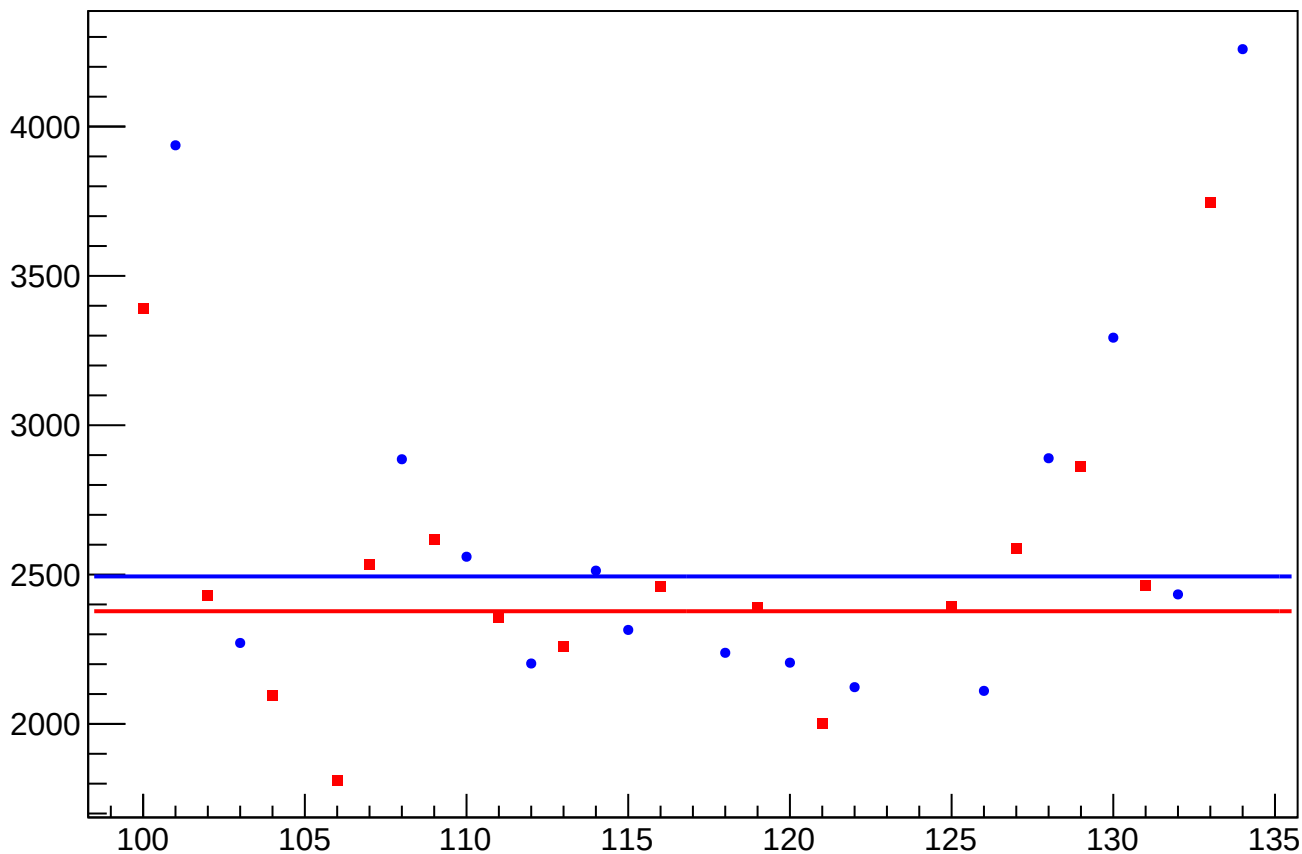
Right: 94.968 $\pm$ 691.047 χ^2 /NDF: 28.6/30

In: 183.334 $\pm$ 1013.804 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.968 $\pm$ 691.047 χ^2 /NDF: 28.6/30

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2493.783+/-0.717 χ^2/NDF : 508617.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2377.287+/-0.668 χ^2/NDF : 277369.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

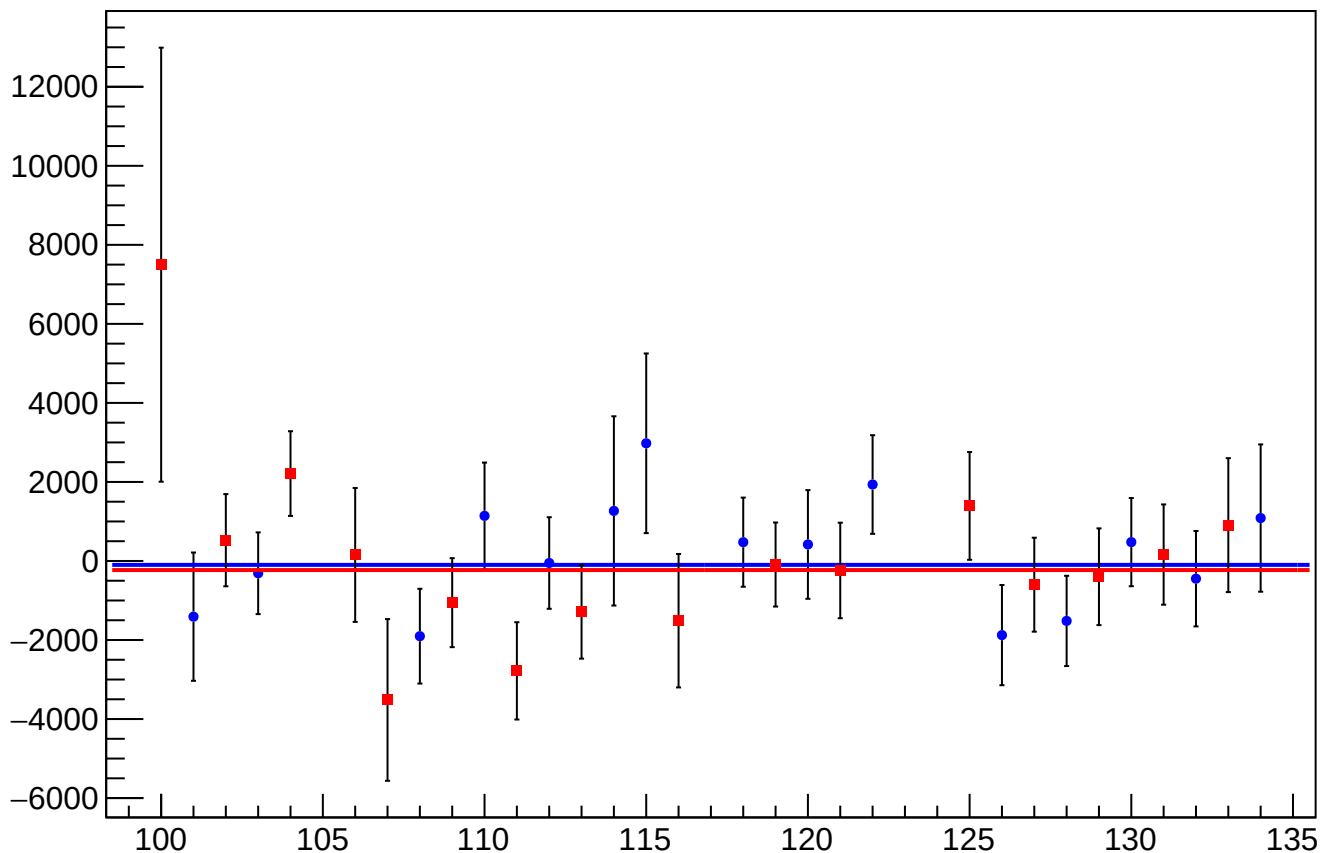
Right: 2431.415+/-0.489 χ^2/NDF : 800125.7/30

In: 2493.783+/-0.717 χ^2/NDF :508617.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2431.415+/-0.489 χ^2/NDF : 800125.7/30

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -98.434+/-337.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -229.952+/-329.839 χ^2/NDF : 18.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

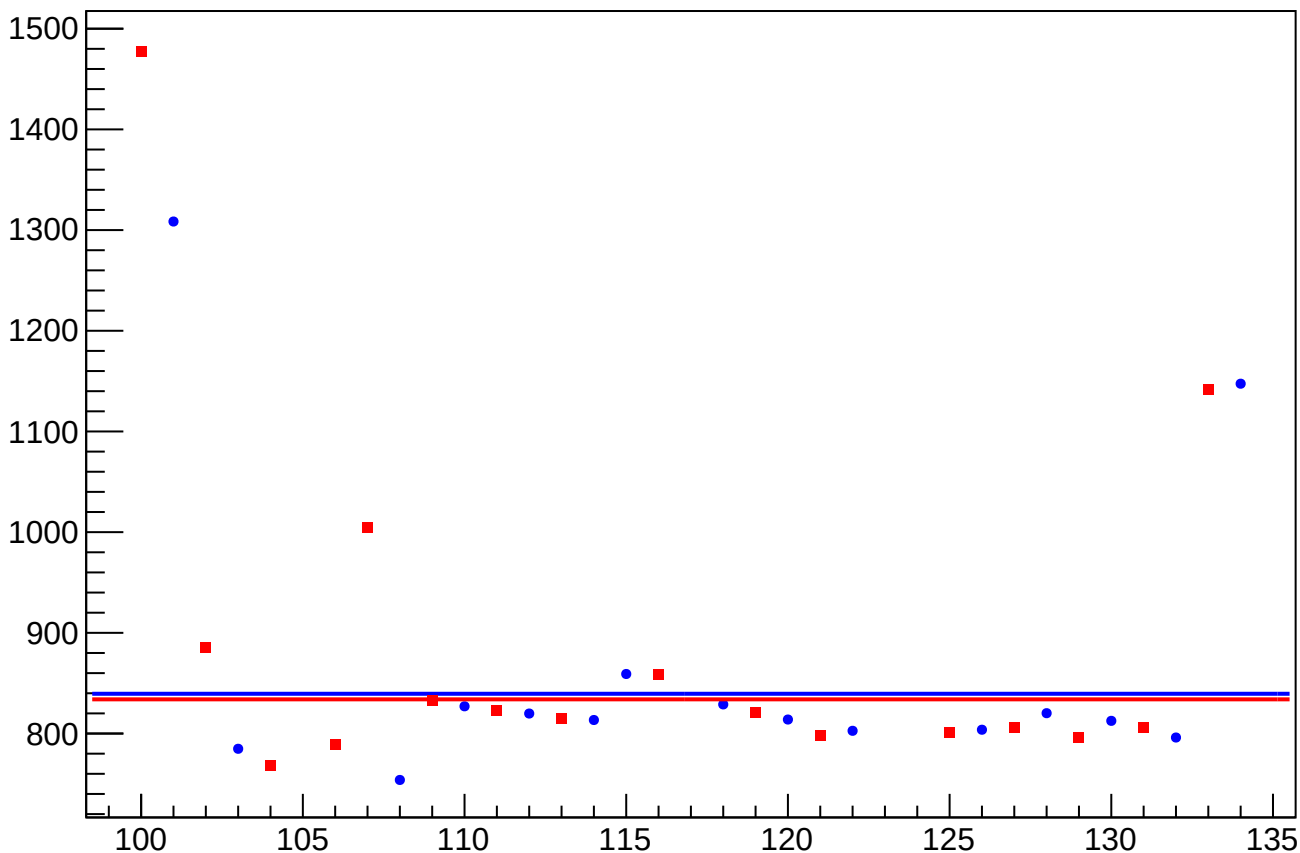
Right: -165.643+/-235.789 χ^2/NDF : 31.9/30

In: -98.434+/-337.196 χ^2/NDF :13.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -165.643+/-235.789 χ^2/NDF : 31.9/30

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.492+/-0.238 χ^2/NDF : 246962.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.951+/-0.232 χ^2/NDF : 128775.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

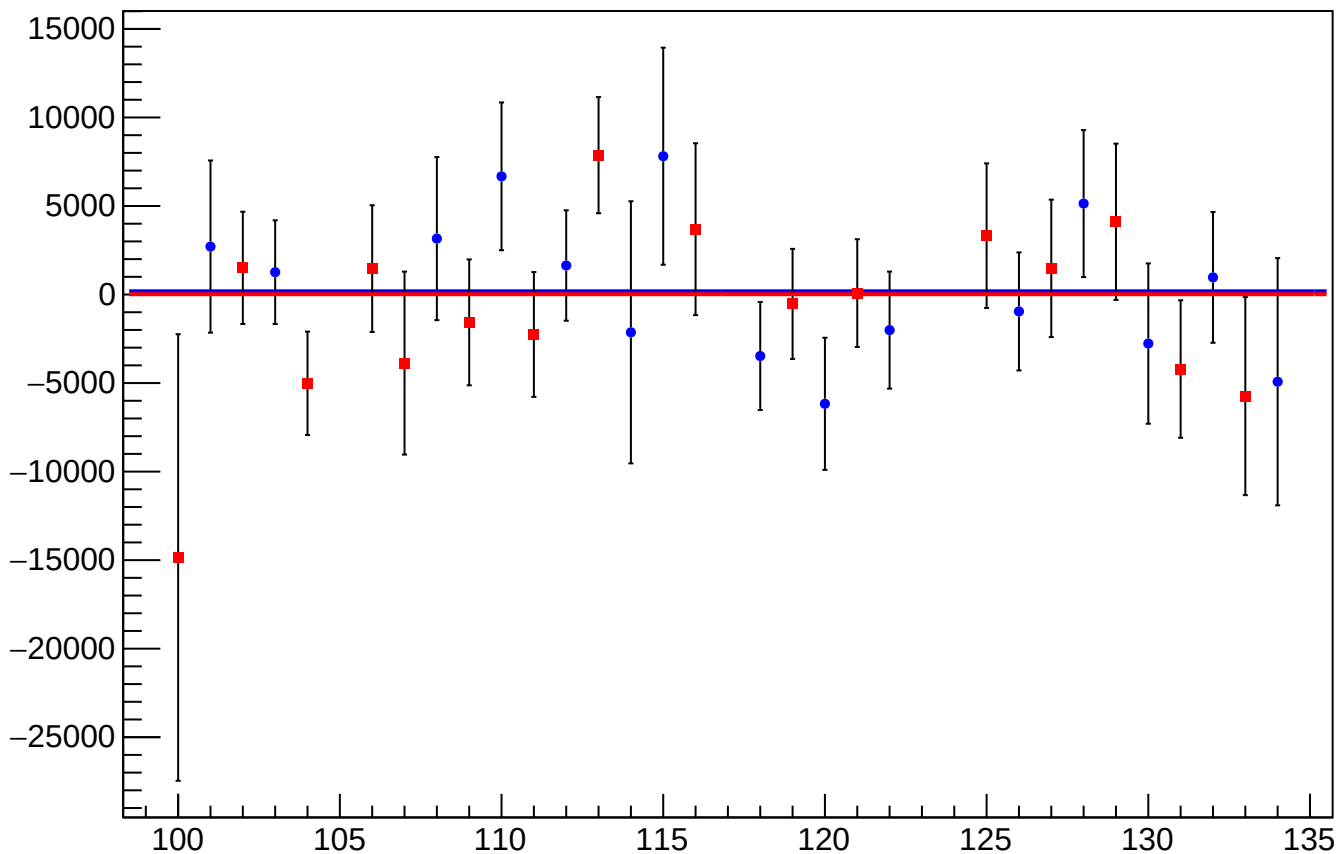
Right: 836.645+/-0.166 χ^2/NDF : 376015.8/30

In: 839.492+/-0.238 χ^2/NDF : 246962.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.645+/-0.166 χ^2/NDF : 376015.8/30

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 183.334 $\pm$ 1013.804 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.278 $\pm$ 944.454 χ^2 /NDF: 16.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

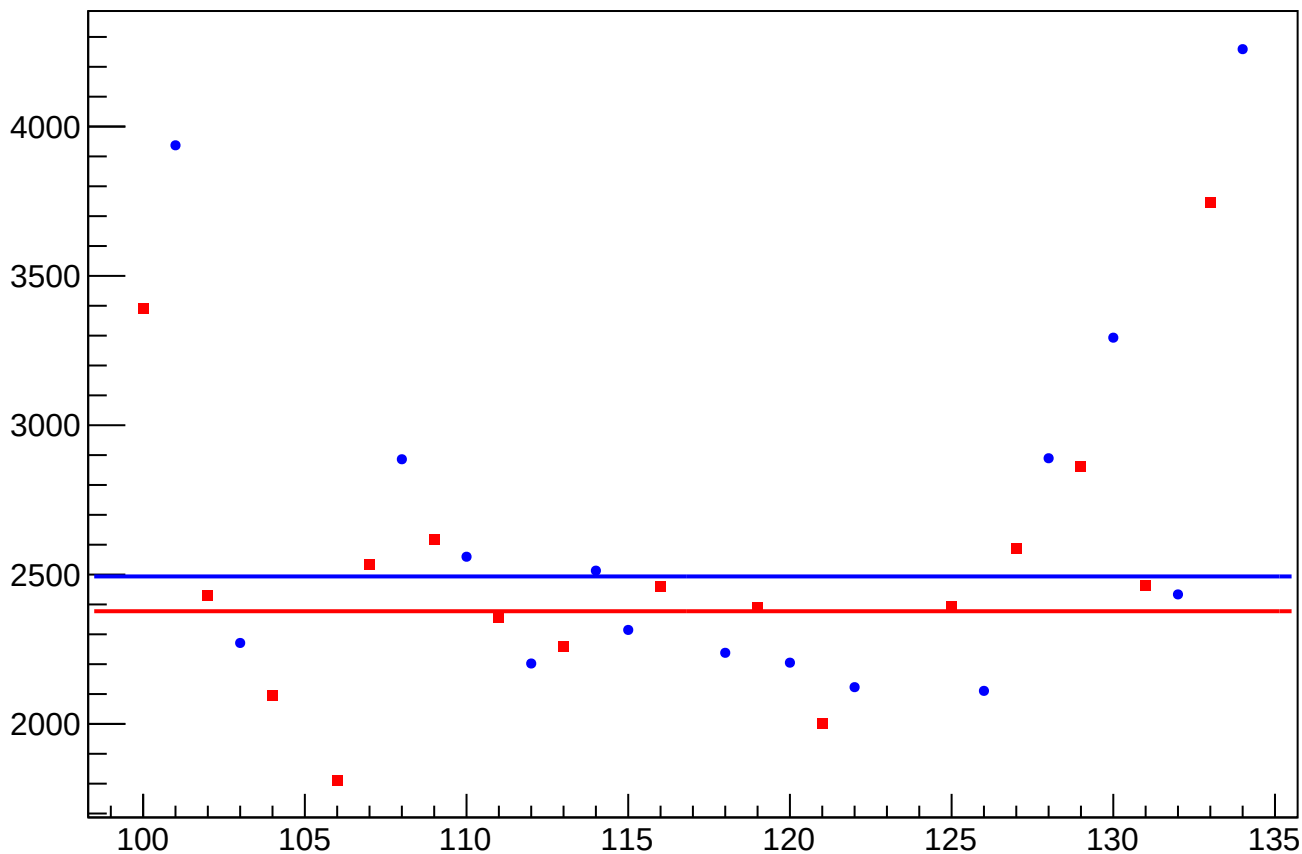
Right: 94.968 $\pm$ 691.047 χ^2 /NDF: 28.6/30

In: 183.334 $\pm$ 1013.804 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.968 $\pm$ 691.047 χ^2 /NDF: 28.6/30

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2493.783+/-0.717 χ^2/NDF : 508617.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2377.287+/-0.668 χ^2/NDF : 277369.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

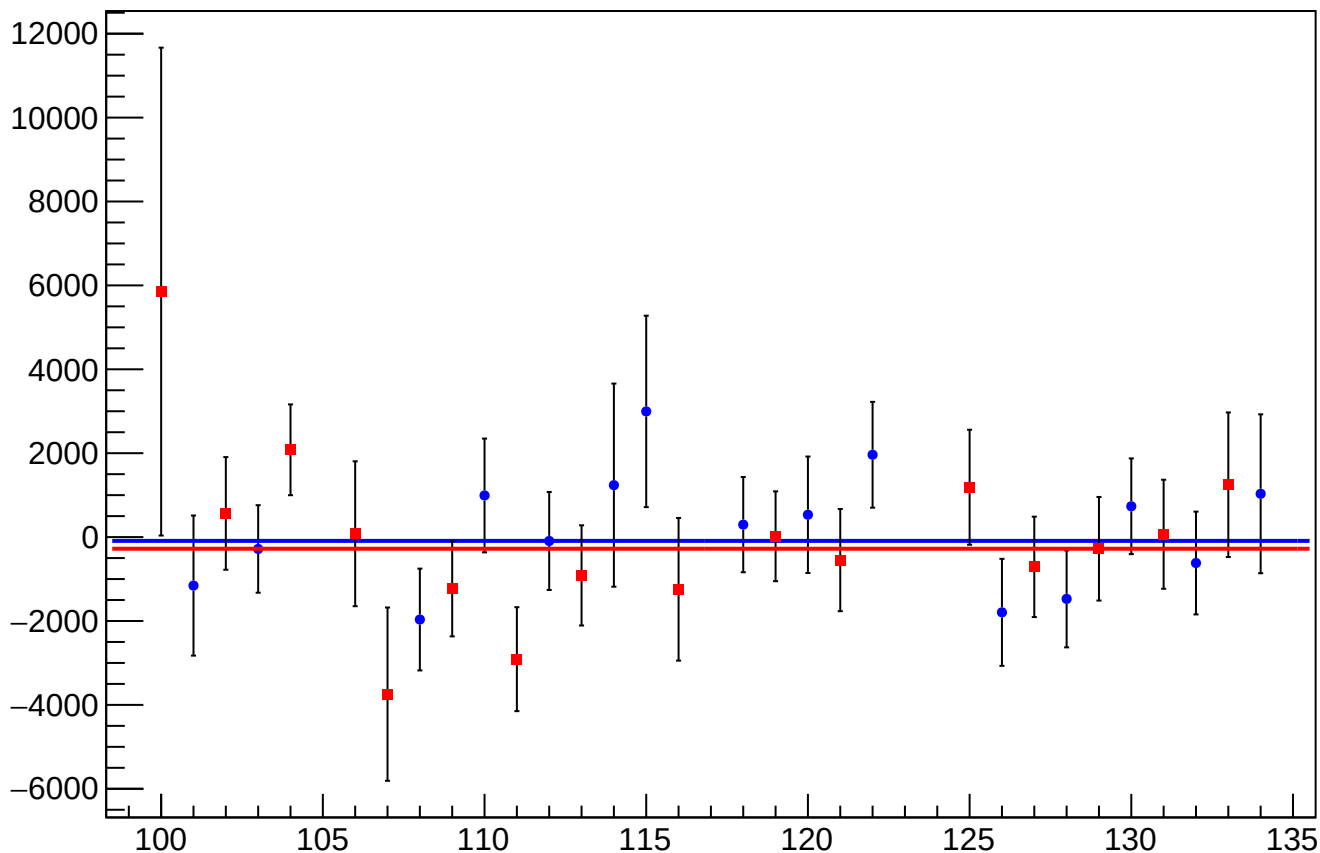
Right: 2431.415+/-0.489 χ^2/NDF : 800125.7/30

In: 2493.783+/-0.717 χ^2/NDF : 508617.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2431.415+/-0.489 χ^2/NDF : 800125.7/30

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -90.194 ± 341.075 χ^2/NDF : 12.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -277.366 ± 336.220 χ^2/NDF : 17.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

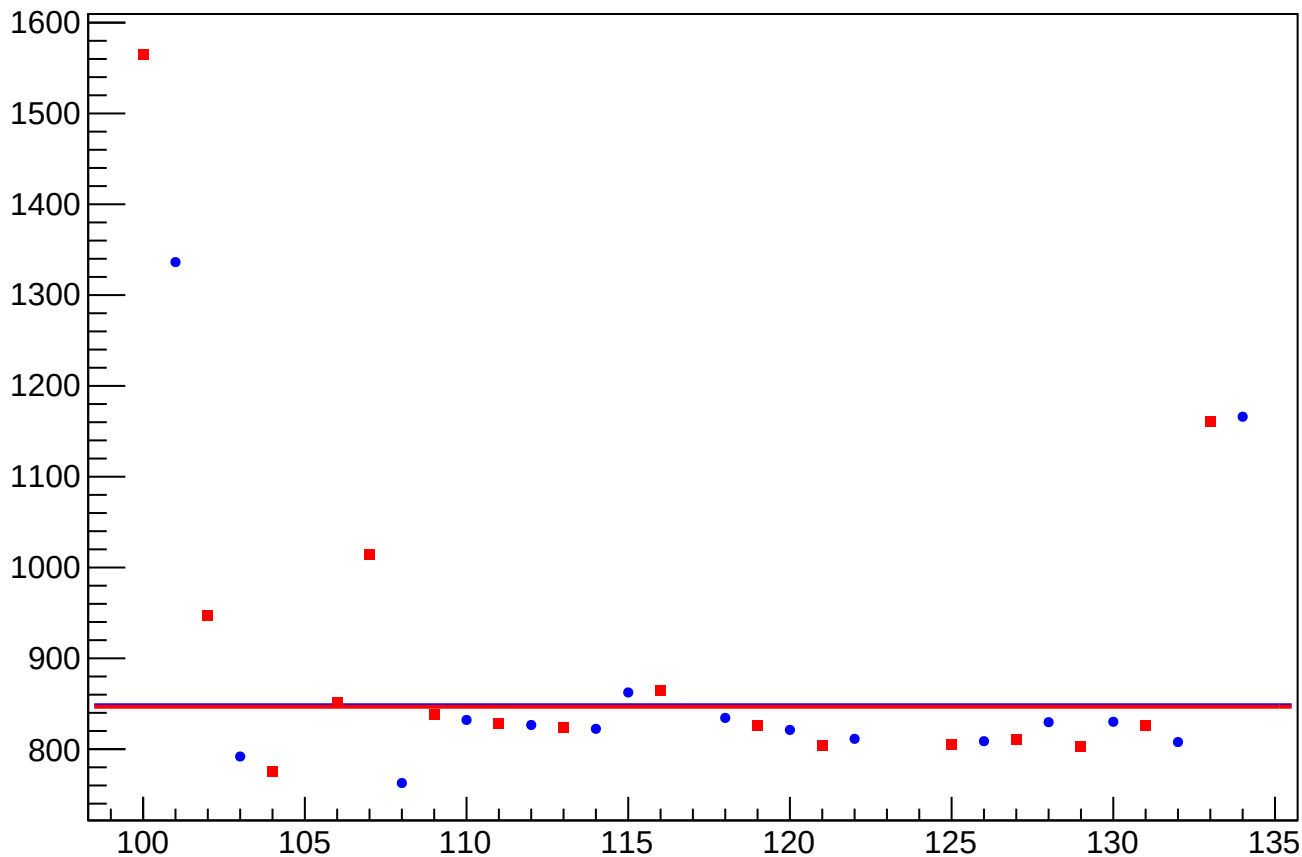
Right: -185.122 ± 239.442 χ^2/NDF : 30.2/30

In: -90.194 ± 341.075 χ^2/NDF : 12.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -185.122 ± 239.442 χ^2/NDF : 30.2/30

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 848.305+/-0.241 χ^2/NDF : 252082.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.718+/-0.237 χ^2/NDF : 141171.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

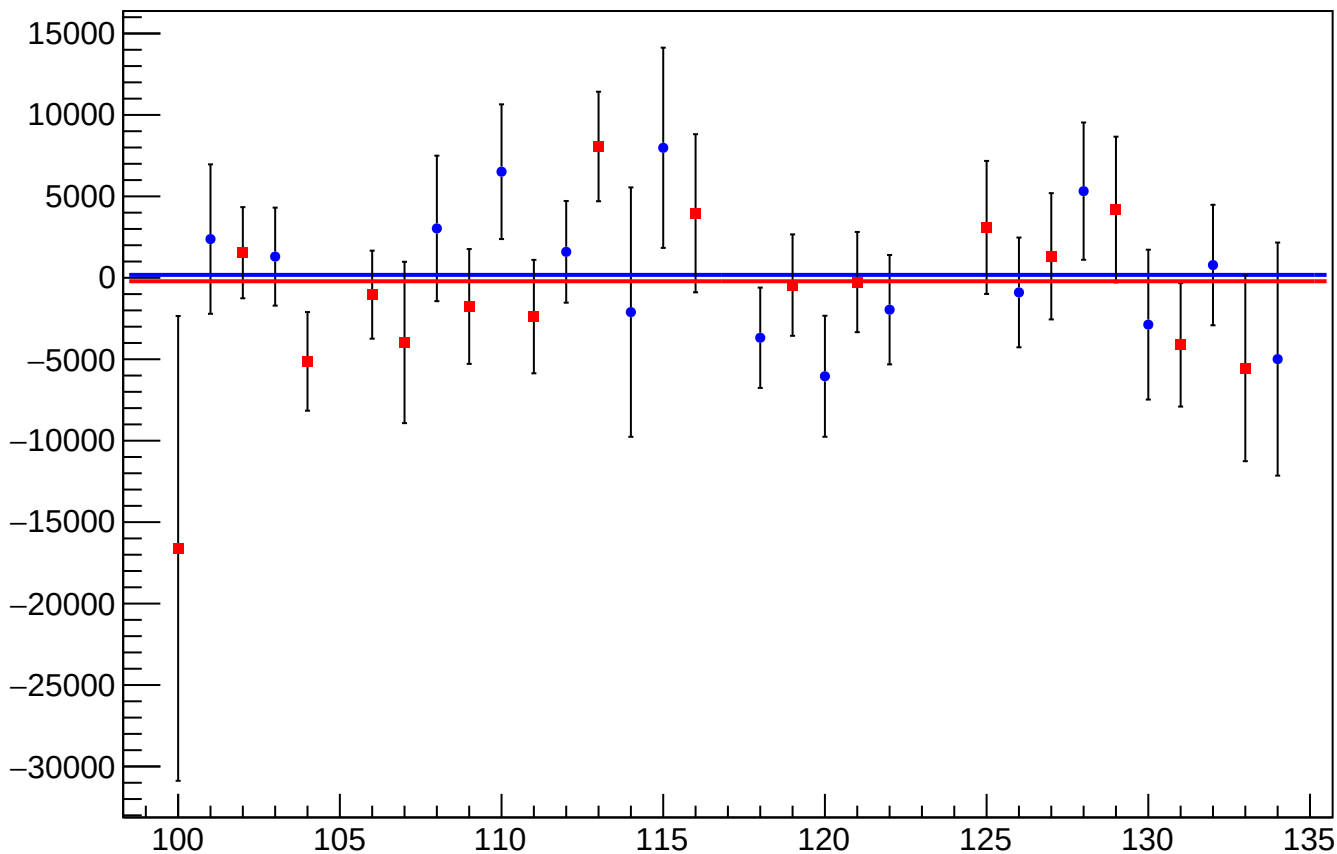
Right: 847.499+/-0.169 χ^2/NDF : 393275.7/30

In: 848.305+/-0.241 χ^2/NDF : 252082.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.499+/-0.169 χ^2/NDF : 393275.7/30

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 180.288 $\pm$ 1018.701 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -210.879 $\pm$ 913.298 χ^2 /NDF: 16.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

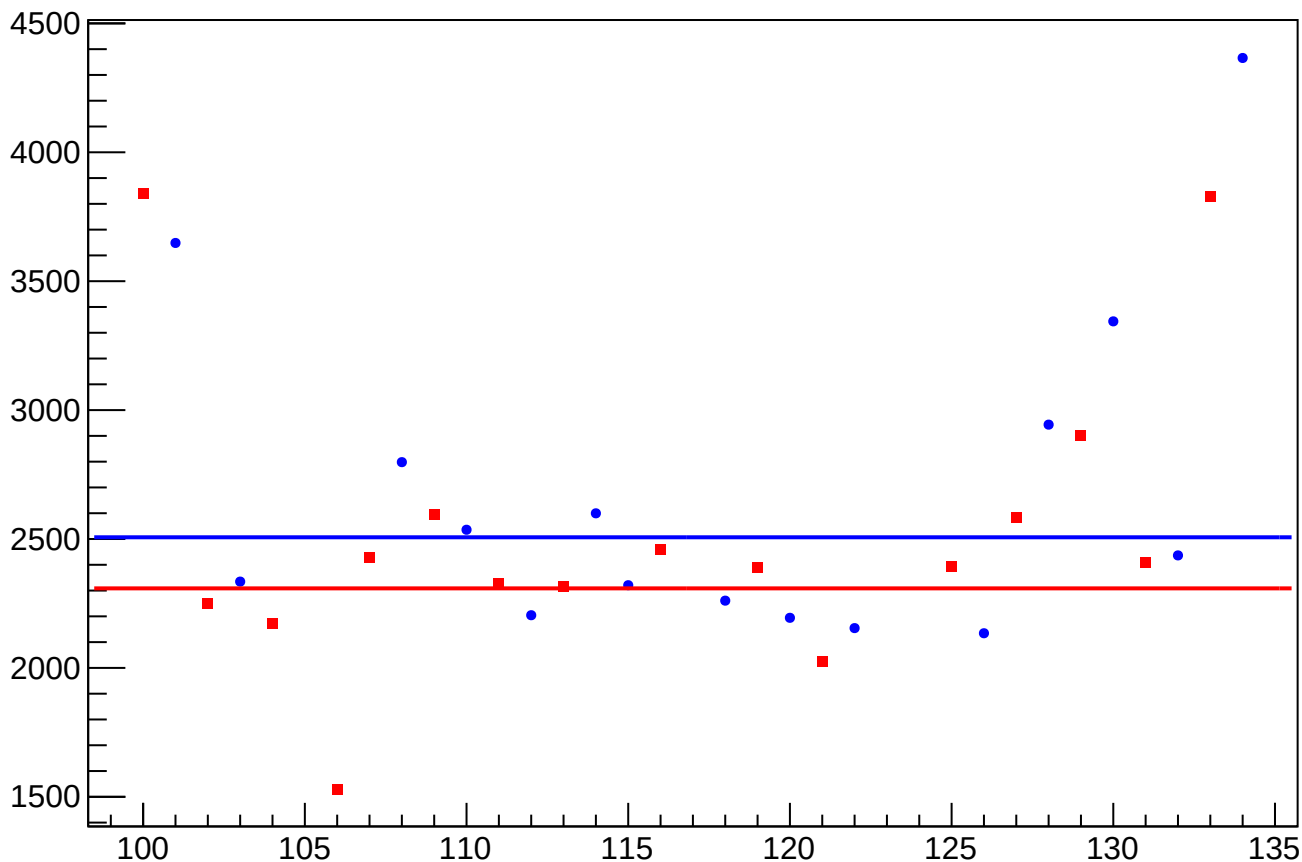
Right: -36.573 $\pm$ 680.021 χ^2 /NDF: 28.6/30

In: 180.288 $\pm$ 1018.701 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.573 $\pm$ 680.021 χ^2 /NDF: 28.6/30

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2506.661+/-0.720 χ^2/NDF : 456734.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2396.807+/-0.481 χ^2/NDF : 916876.6/30

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

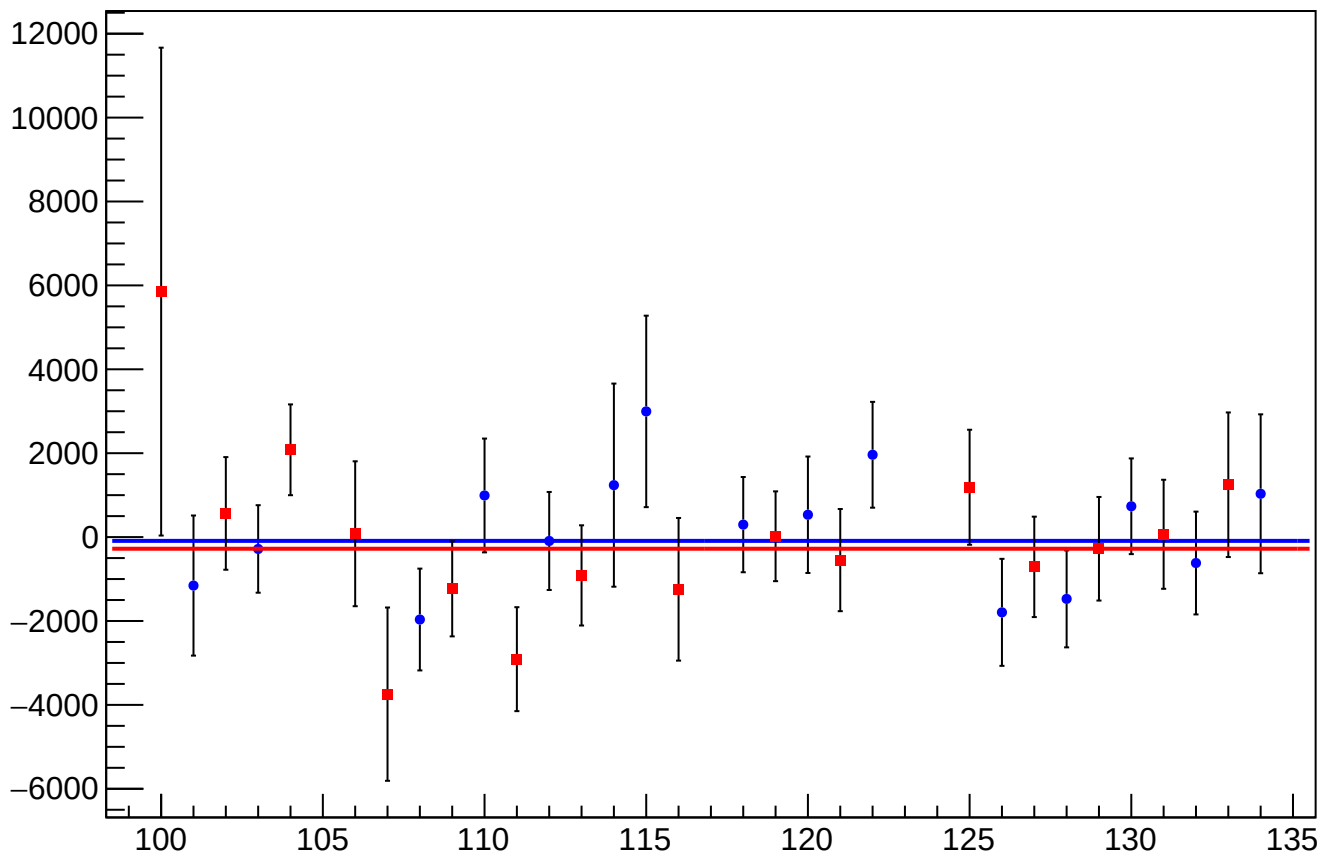
Right: 2396.807+/-0.481 χ^2/NDF : 916876.6/30

In: 2506.661+/-0.720 χ^2/NDF : 456734.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.807+/-0.481 χ^2/NDF : 916876.6/30

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -90.198 ± 341.075 $\chi^2/\text{NDF}: 12.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -277.370 ± 336.220 $\chi^2/\text{NDF}: 17.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

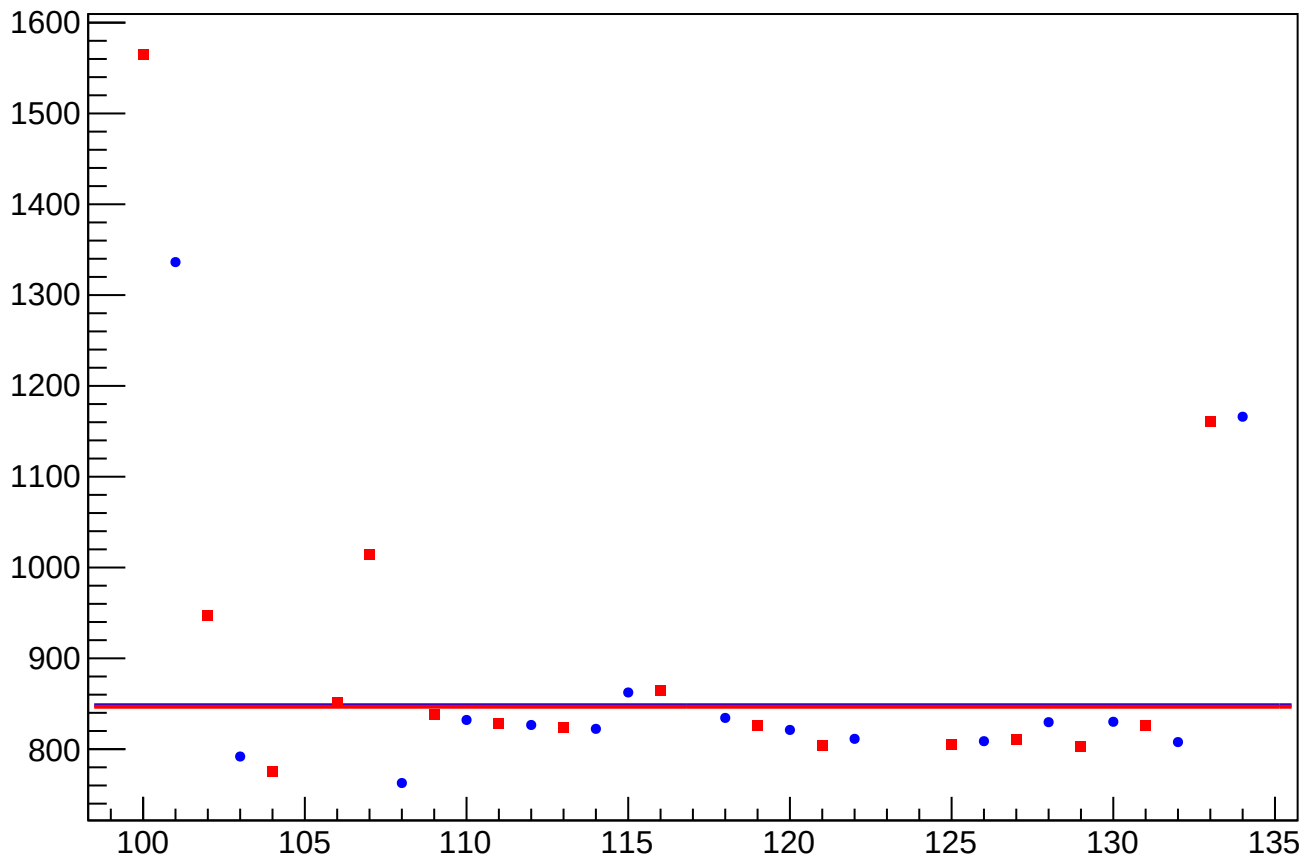
Right: -185.126 ± 239.442 $\chi^2/\text{NDF}: 30.2/30$

In: -90.198 ± 341.075 $\chi^2/\text{NDF}: 12.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -185.126 ± 239.442 $\chi^2/\text{NDF}: 30.2/30$

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 848.305+/-0.241 χ^2/NDF : 252081.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.718+/-0.237 χ^2/NDF : 141171.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

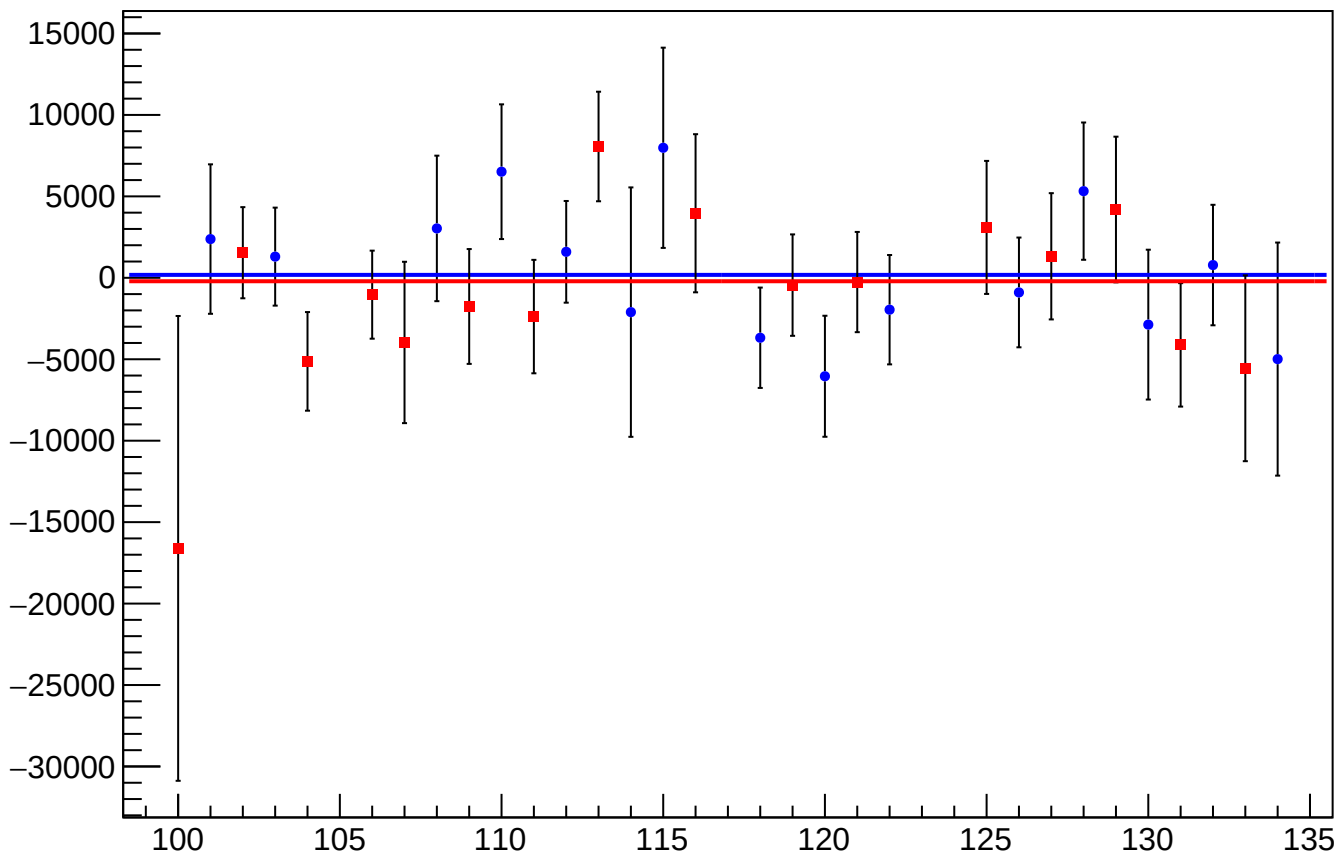
Right: 847.499+/-0.169 χ^2/NDF : 393275.1/30

In: 848.305+/-0.241 χ^2/NDF : 252081.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.499+/-0.169 χ^2/NDF : 393275.1/30

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 180.286 ± 1018.698 $\chi^2/\text{NDF}: 12.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -210.881 ± 913.295 $\chi^2/\text{NDF}: 16.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

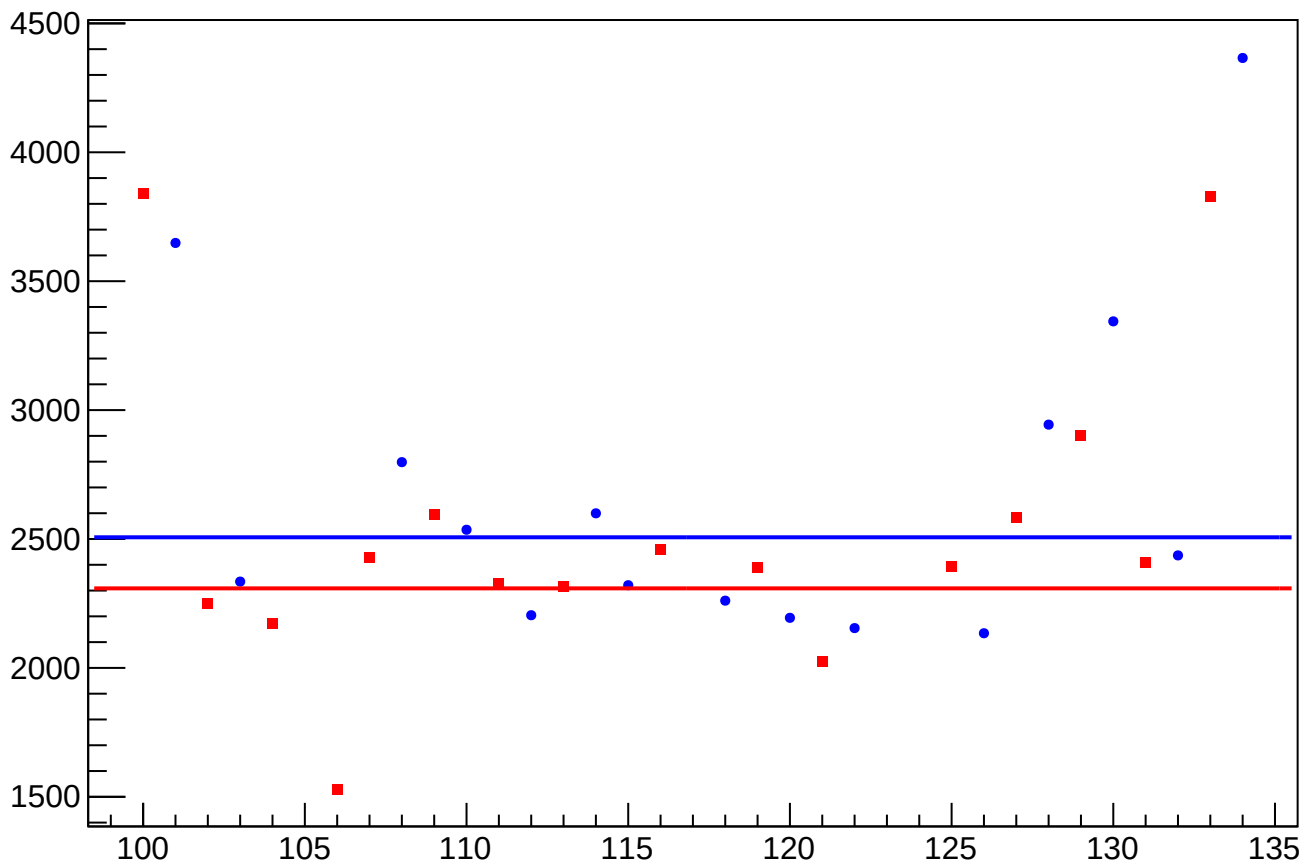
Right: -36.575 ± 680.018 $\chi^2/\text{NDF}: 28.6/30$

In: 180.286 ± 1018.698 $\chi^2/\text{NDF}: 12.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.575 ± 680.018 $\chi^2/\text{NDF}: 28.6/30$

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2506.652+/-0.720 χ^2/NDF : 456737.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2396.799+/-0.481 χ^2/NDF : 916879.5/30

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

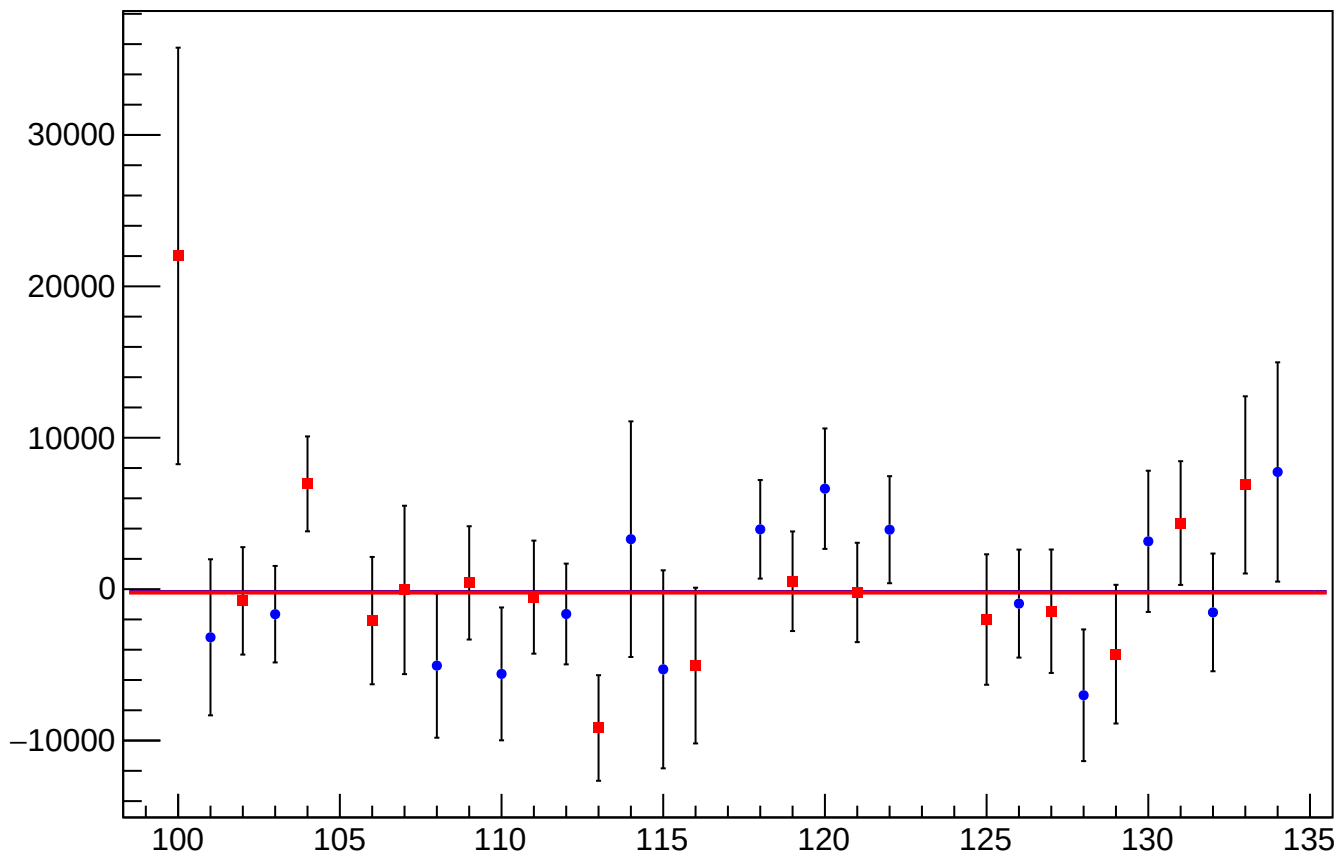
Right: 2396.799+/-0.481 χ^2/NDF : 916879.5/30

In: 2506.652+/-0.720 χ^2/NDF : 456737.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.799+/-0.481 χ^2/NDF : 916879.5/30

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -187.113 ± 1076.784 $\chi^2/\text{NDF}: 14.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -225.159 ± 1012.994 $\chi^2/\text{NDF}: 19.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

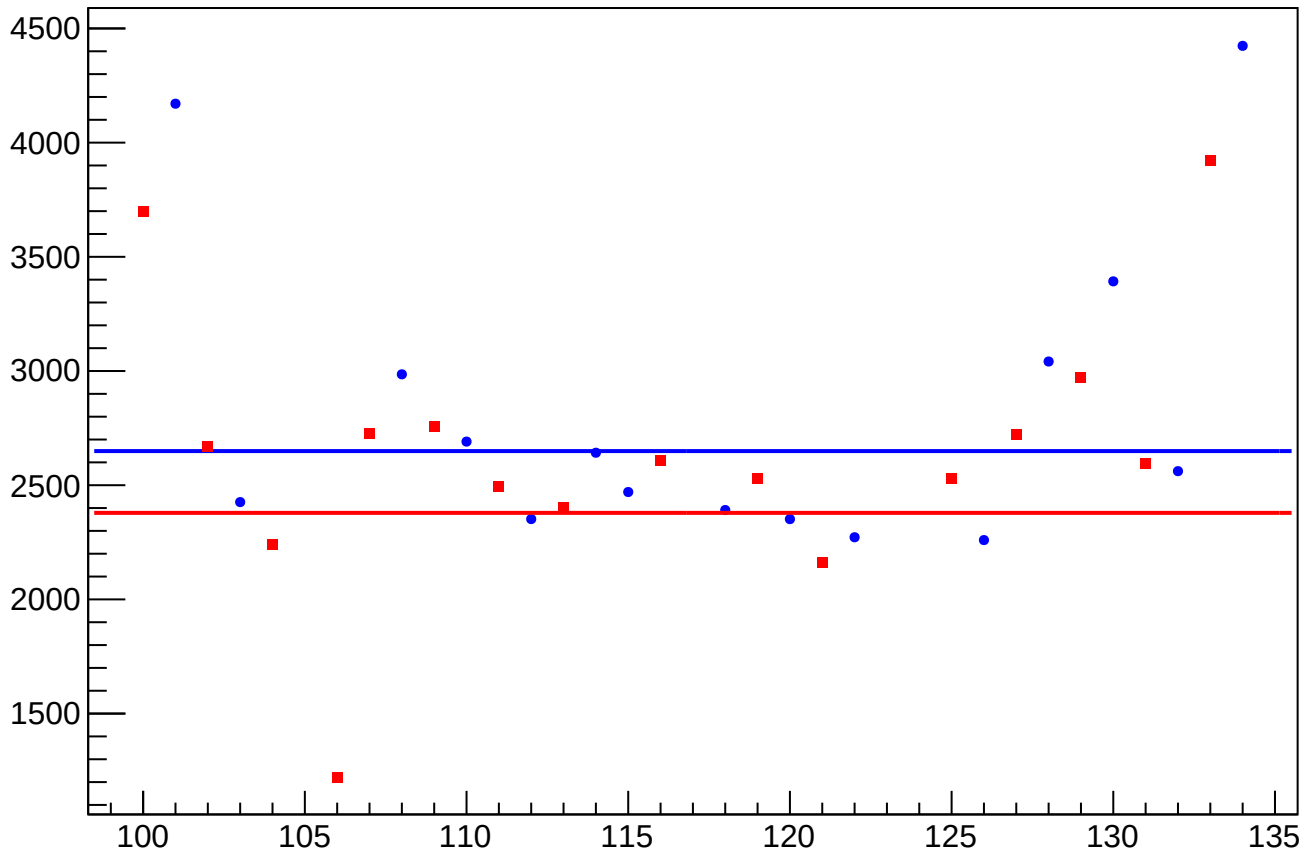
Right: -207.296 ± 737.816 $\chi^2/\text{NDF}: 33.8/30$

In: -187.113 ± 1076.784 $\chi^2/\text{NDF}: 14.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -207.296 ± 737.816 $\chi^2/\text{NDF}: 33.8/30$

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2649.413+/-0.761 χ^2/NDF : 470224.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2378.875+/-0.682 χ^2/NDF : 698908.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

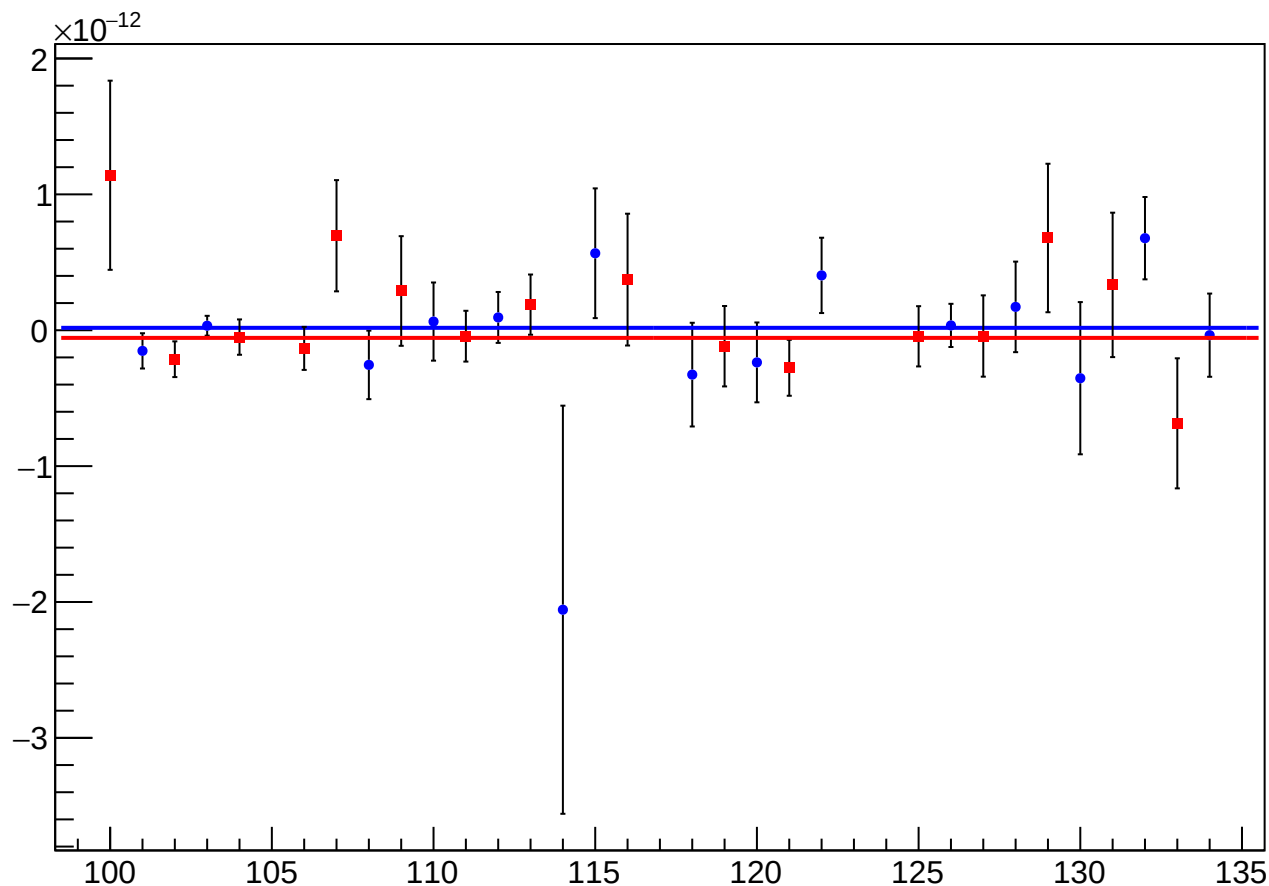
Right: 2499.308+/-0.508 χ^2/NDF : 1239180.5/30

In: 2649.413+/-0.761 χ^2/NDF : 470224.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2499.308+/-0.508 χ^2/NDF : 1239180.5/30

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 16.0/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

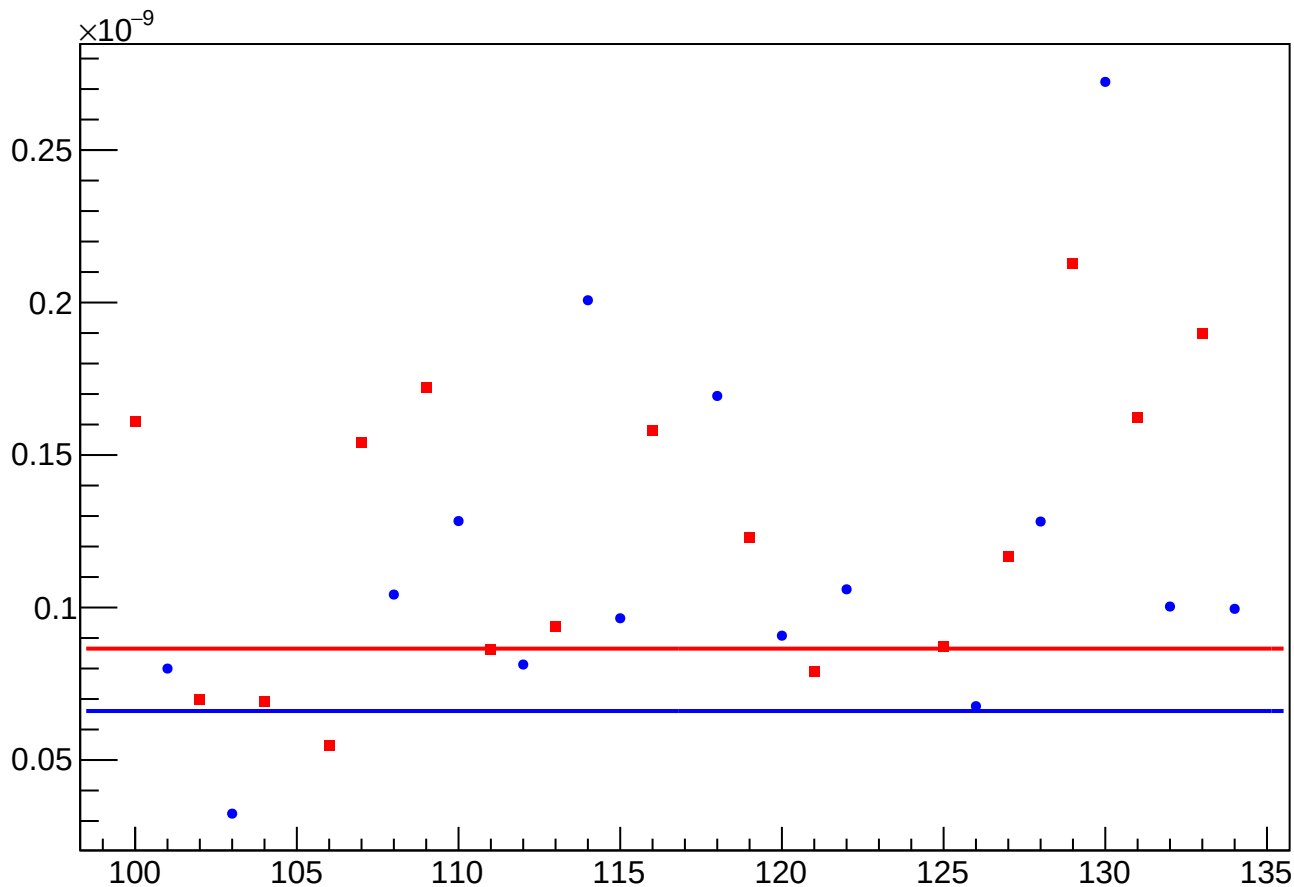
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 32.2/30

In: 0.000 $\pm$ 0.000 χ^2/NDF : 15.3/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 32.2/30

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1218872.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655298.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

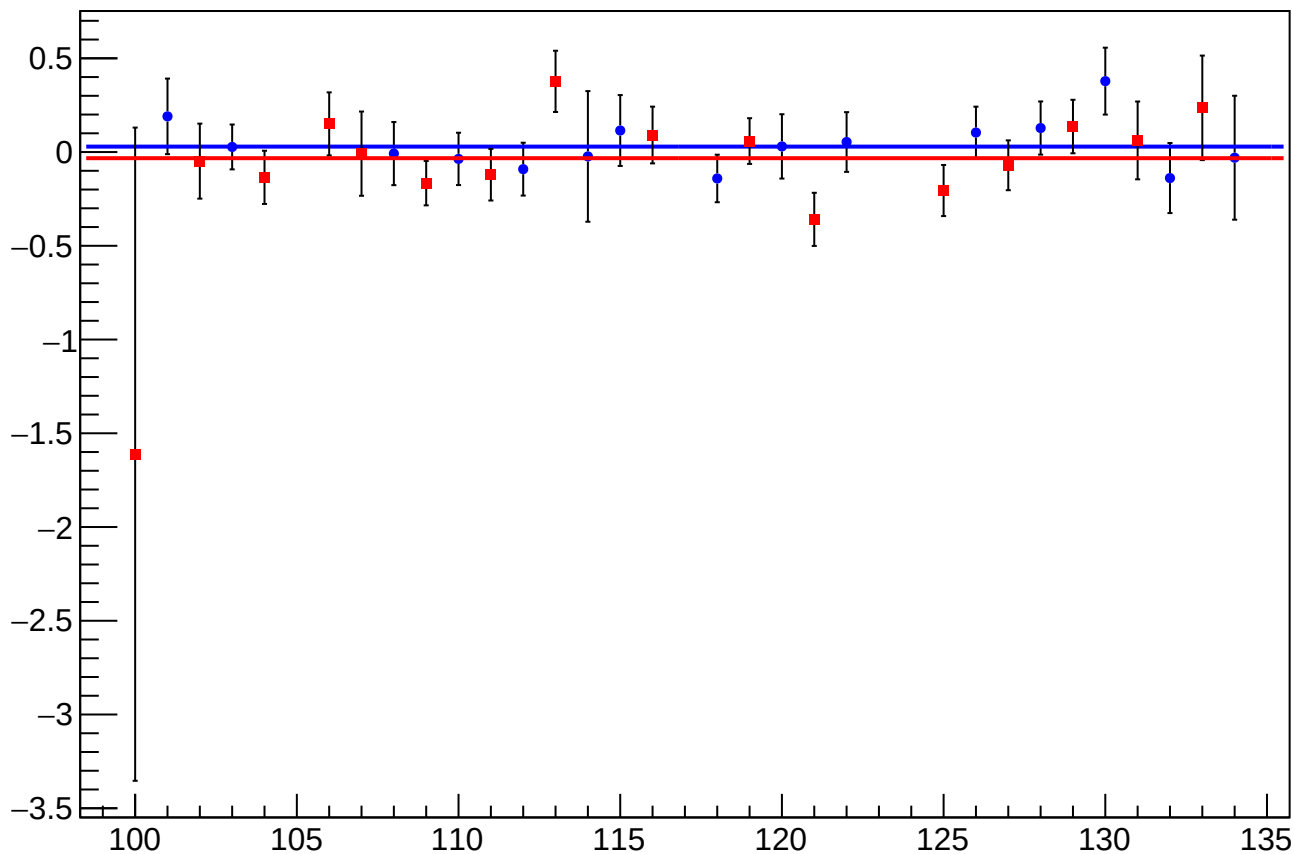
Right: 0.000+/-0.000 χ^2/NDF : 2020248.7/30

In: 0.000+/-0.000 χ^2/NDF : 1218872.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2020248.7/30

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.042 χ^2 /NDF: 9.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.033 $\pm$ 0.039 χ^2 /NDF: 21.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

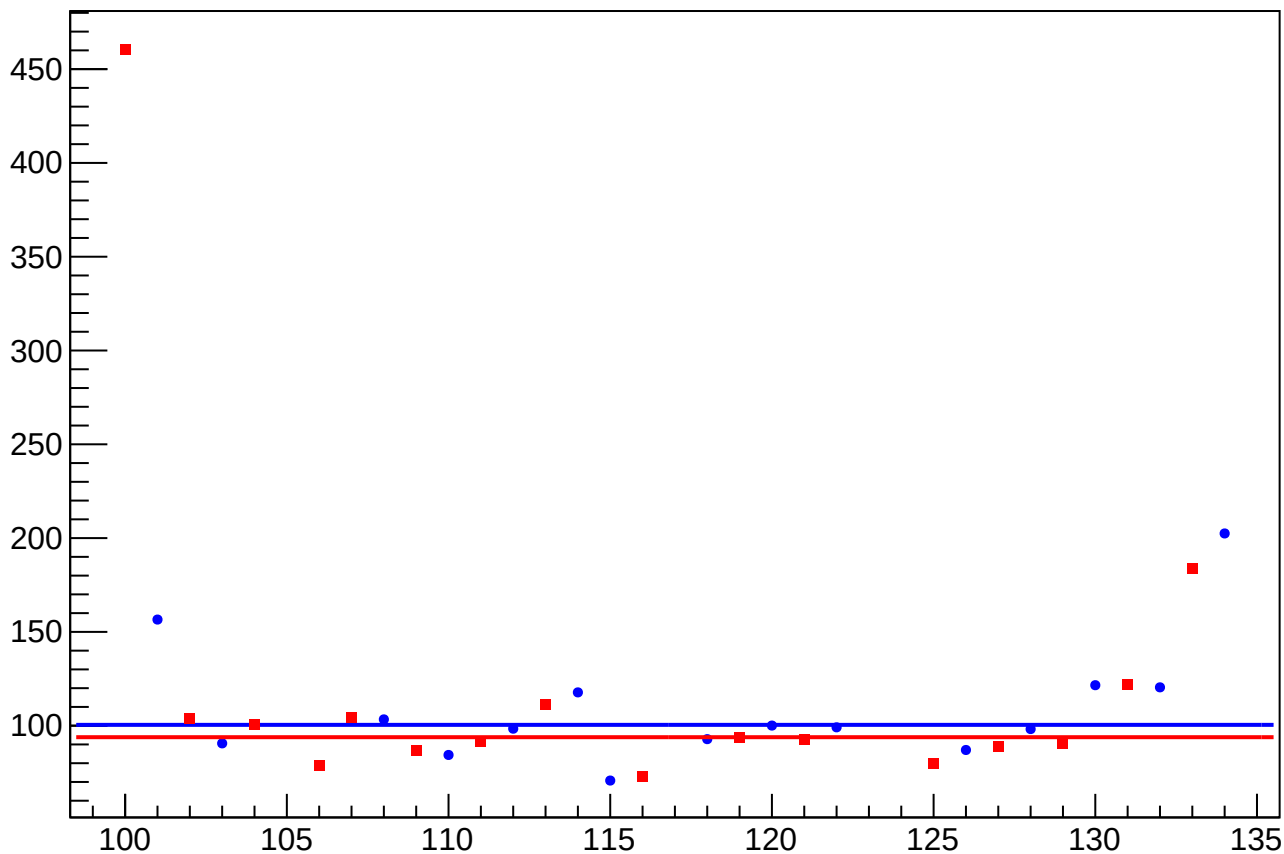
Right: -0.004 $\pm$ 0.029 χ^2 /NDF: 31.6/30

In: 0.029 $\pm$ 0.042 χ^2 /NDF:9.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.029 χ^2 /NDF: 31.6/30

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.441+/-0.029 χ^2/NDF : 518631.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.866+/-0.028 χ^2/NDF : 456171.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

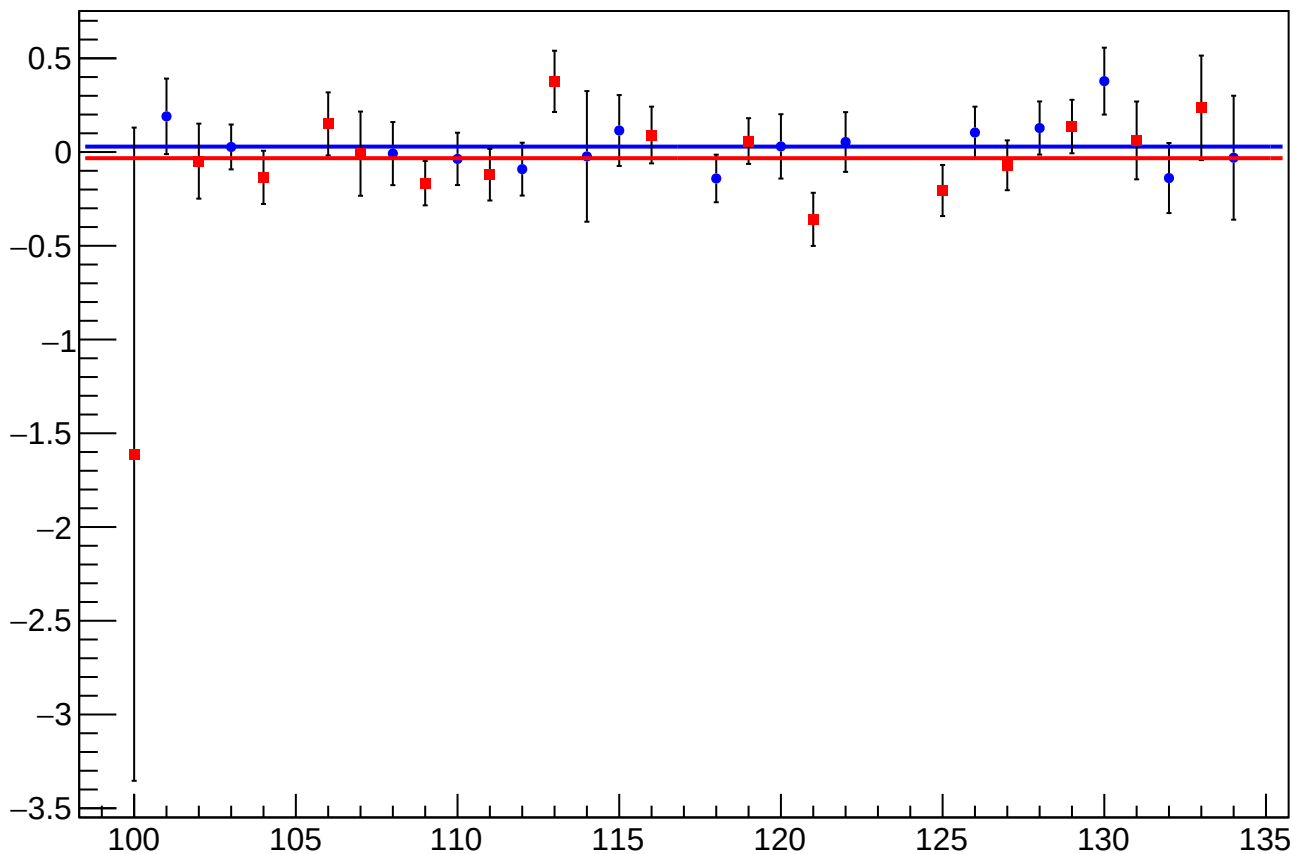
Right: 96.956+/-0.020 χ^2/NDF : 1001136.7/30

In: 100.441+/-0.029 χ^2/NDF : 518631.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.956+/-0.020 χ^2/NDF : 1001136.7/30

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.042 χ^2 /NDF: 9.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.033 $\pm$ 0.039 χ^2 /NDF: 21.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

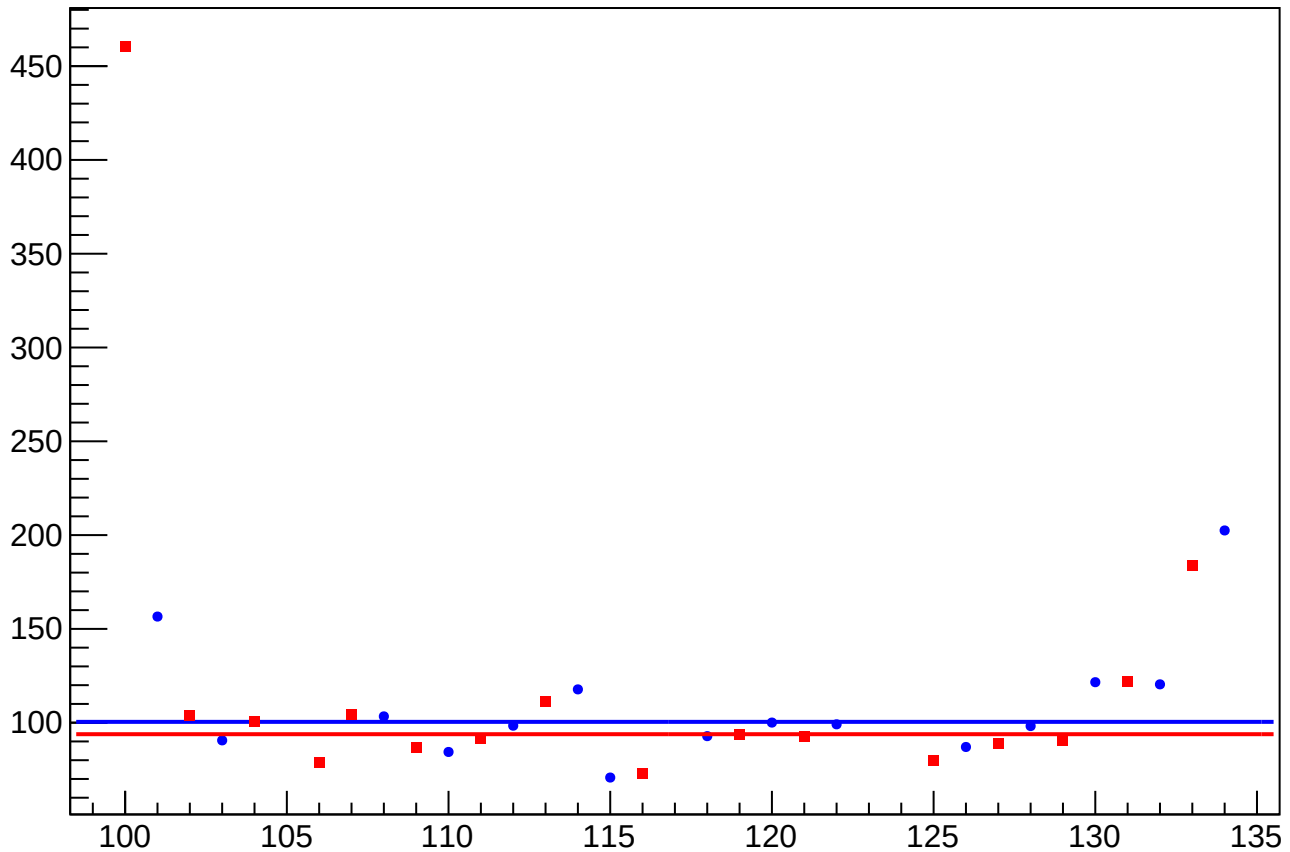
Right: -0.004 $\pm$ 0.029 χ^2 /NDF: 31.6/30

In: 0.029 $\pm$ 0.042 χ^2 /NDF:9.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.029 χ^2 /NDF: 31.6/30

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.441+/-0.029 χ^2/NDF : 518631.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.866+/-0.028 χ^2/NDF : 456171.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

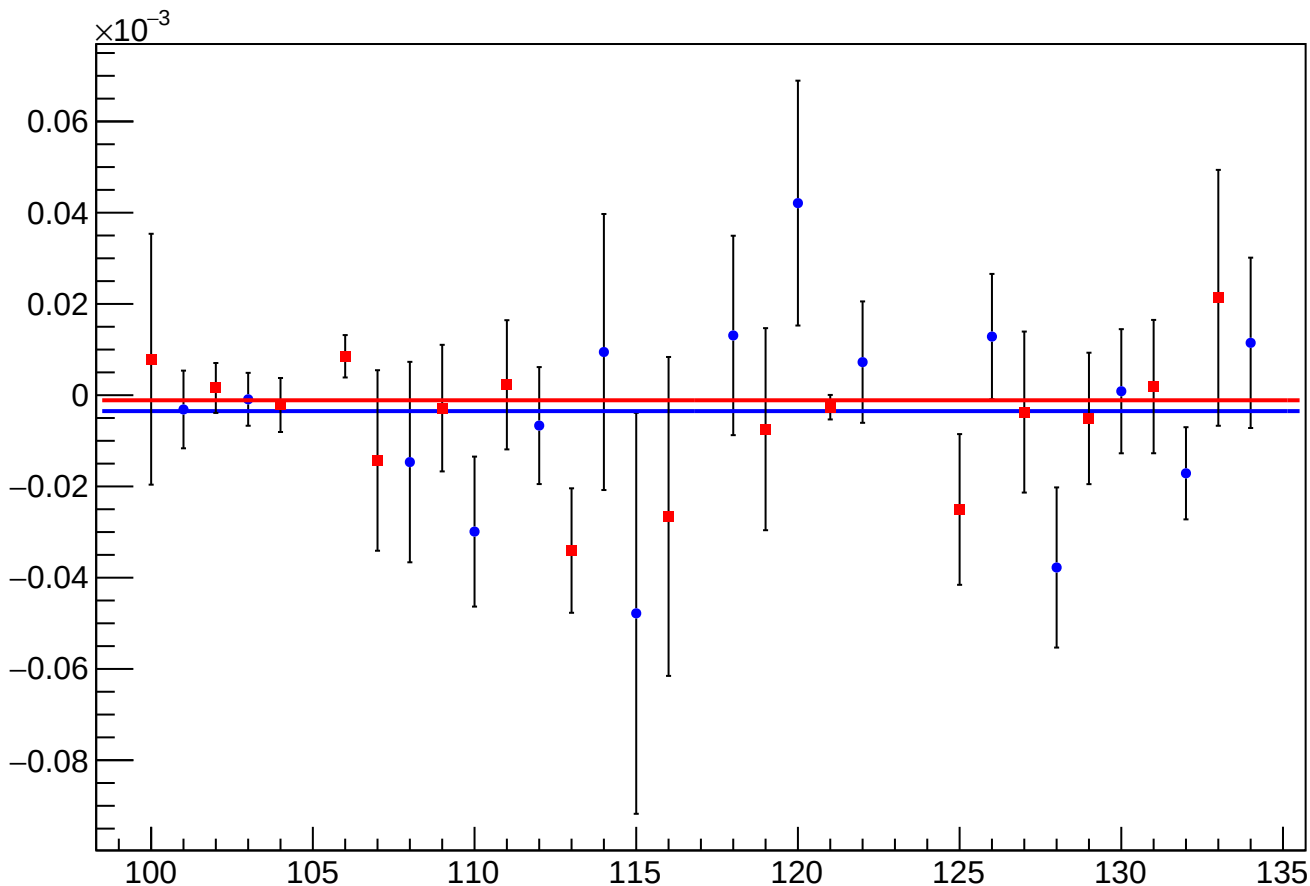
Right: 96.956+/-0.020 χ^2/NDF : 1001136.7/30

In: 100.441+/-0.029 χ^2/NDF : 518631.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.956+/-0.020 χ^2/NDF : 1001136.7/30

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

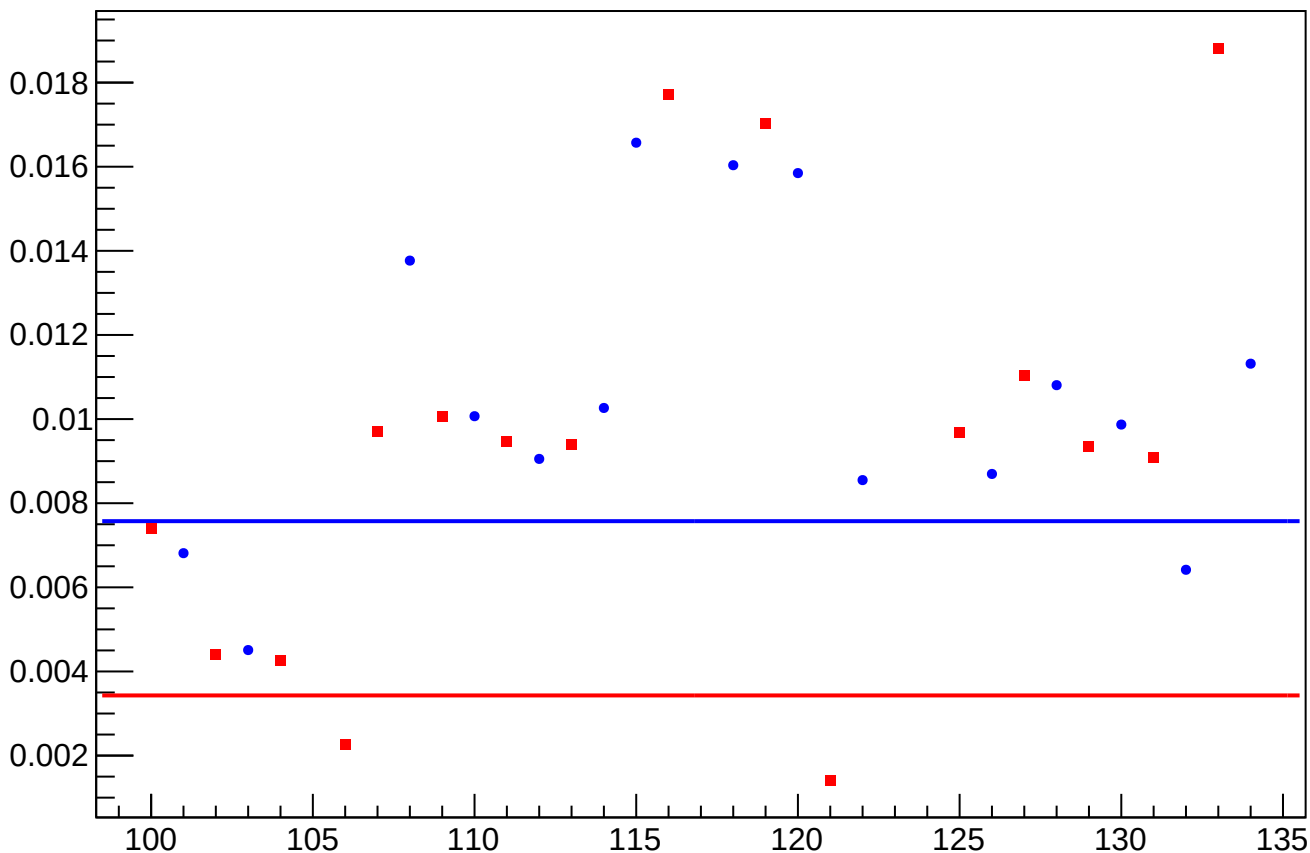
Right: -0.000+/-0.000 χ^2/NDF : 31.5/30

In: -0.000+/-0.000 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/30

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1651969.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5799340.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

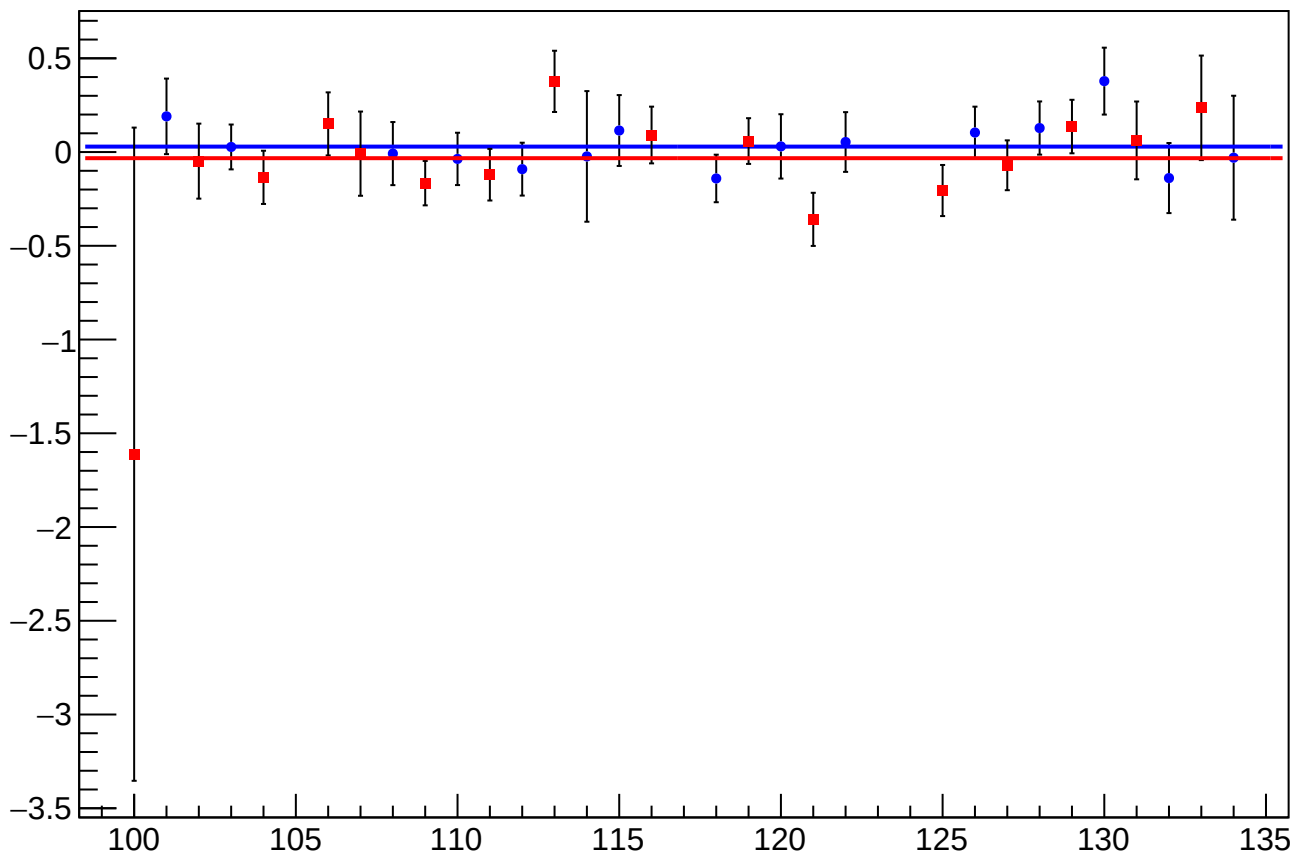
Right: 0.004+/-0.000 χ^2/NDF : 9858094.8/30

In: 0.008+/-0.000 χ^2/NDF : 1651969.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 9858094.8/30

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.042 χ^2 /NDF: 9.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.033 $\pm$ 0.039 χ^2 /NDF: 21.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

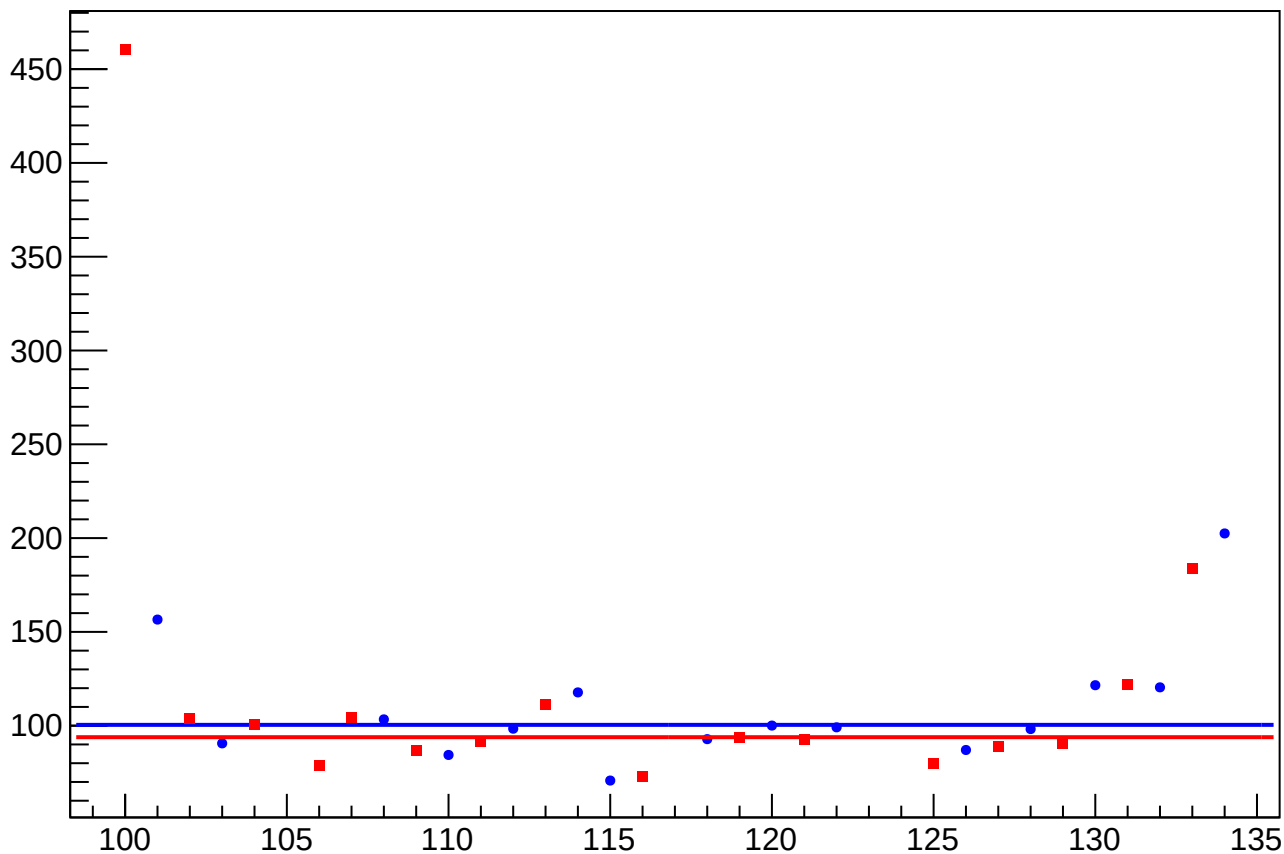
Right: -0.004 $\pm$ 0.029 χ^2 /NDF: 31.6/30

In: 0.029 $\pm$ 0.042 χ^2 /NDF:9.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.029 χ^2 /NDF: 31.6/30

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.442 ± 0.029 χ^2/NDF : 518580.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 93.867 ± 0.028 χ^2/NDF : 456098.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

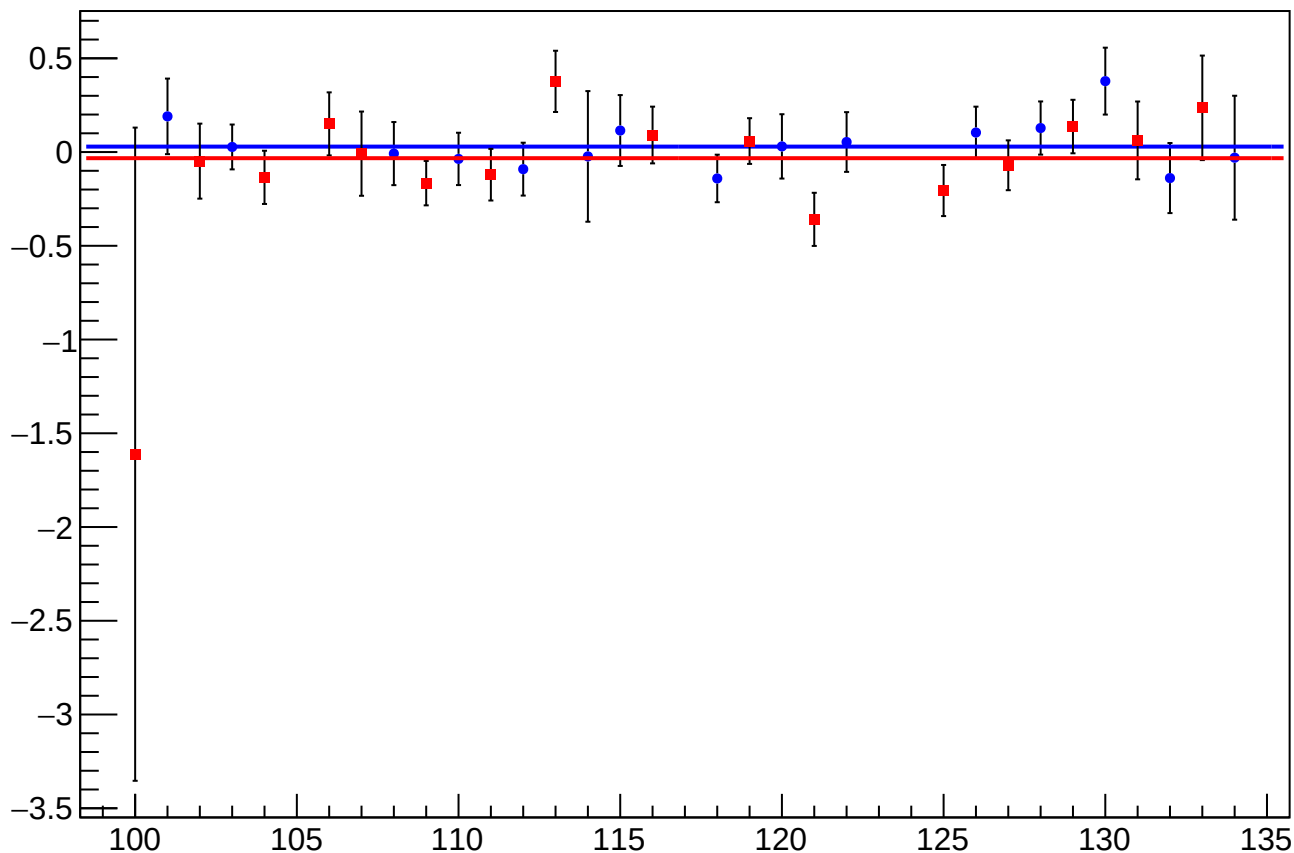
Right: 96.957 ± 0.020 χ^2/NDF : 1001008.8/30

In: 100.442 ± 0.029 χ^2/NDF : 518580.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 96.957 ± 0.020 χ^2/NDF : 1001008.8/30

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.042 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.033+/-0.039 χ^2/NDF : 21.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

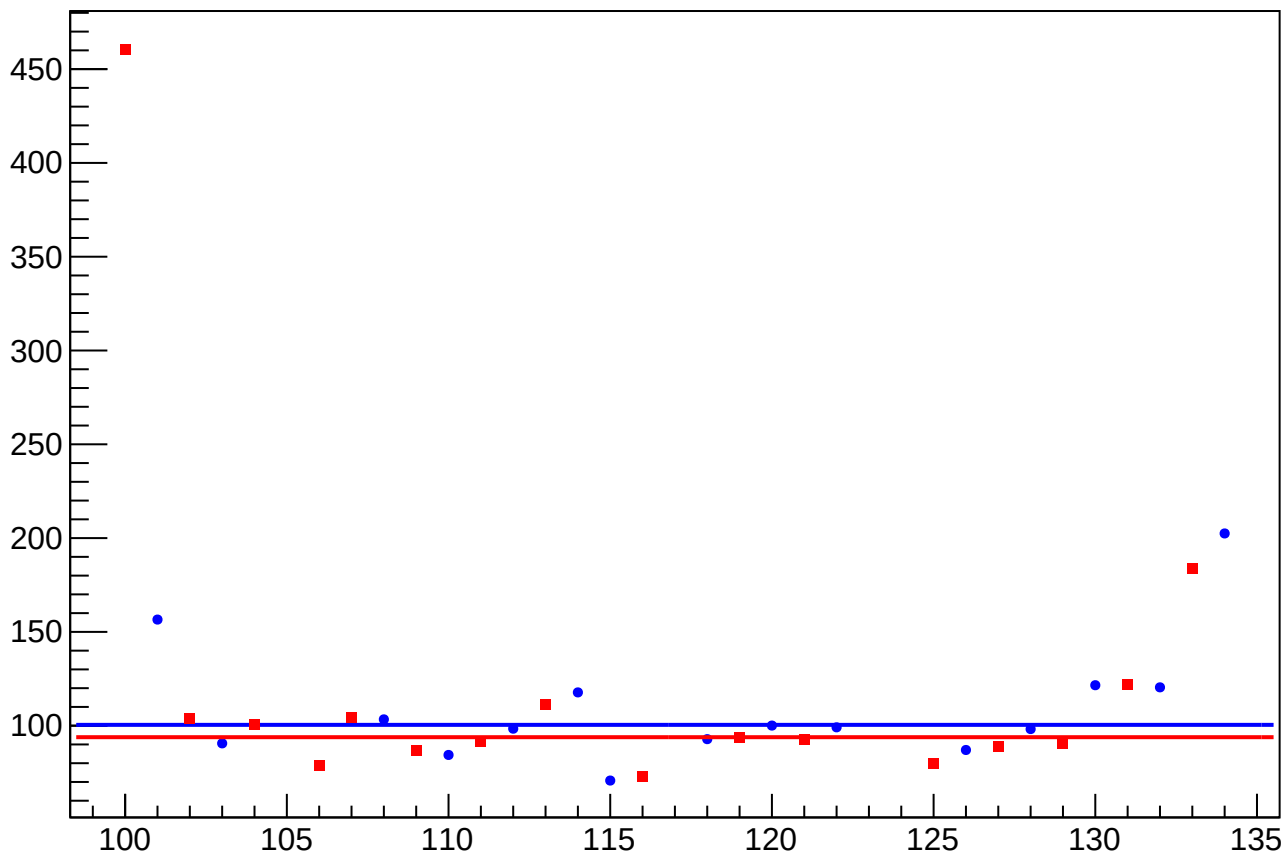
Right: -0.004+/-0.029 χ^2/NDF : 31.6/30

In: 0.029+/-0.042 χ^2/NDF : 9.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.029 χ^2/NDF : 31.6/30

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.442+/-0.029 χ^2/NDF : 518580.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.867+/-0.028 χ^2/NDF : 456098.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

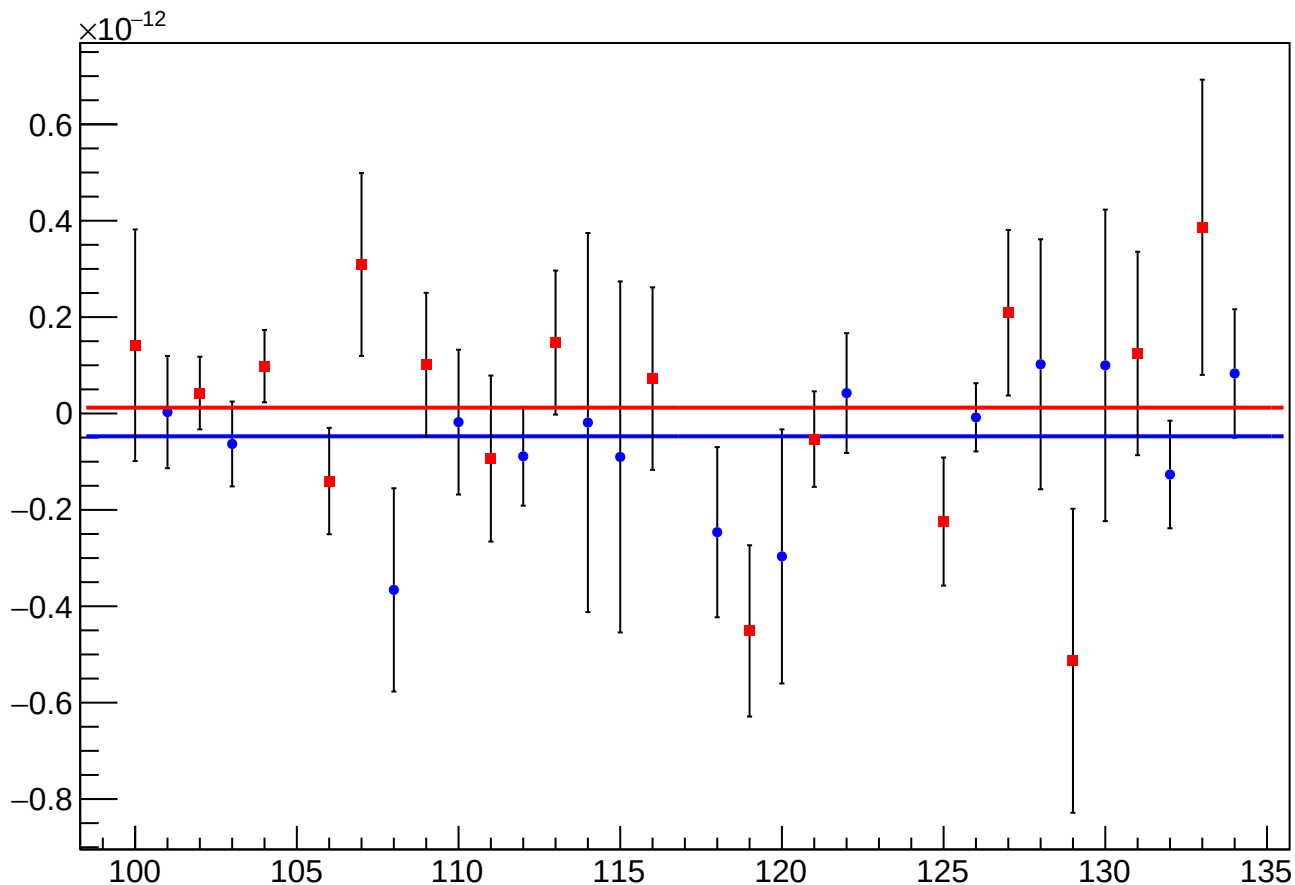
Right: 96.957+/-0.020 χ^2/NDF : 1001008.8/30

In: 100.442+/-0.029 χ^2/NDF : 518580.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.957+/-0.020 χ^2/NDF : 1001008.8/30

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

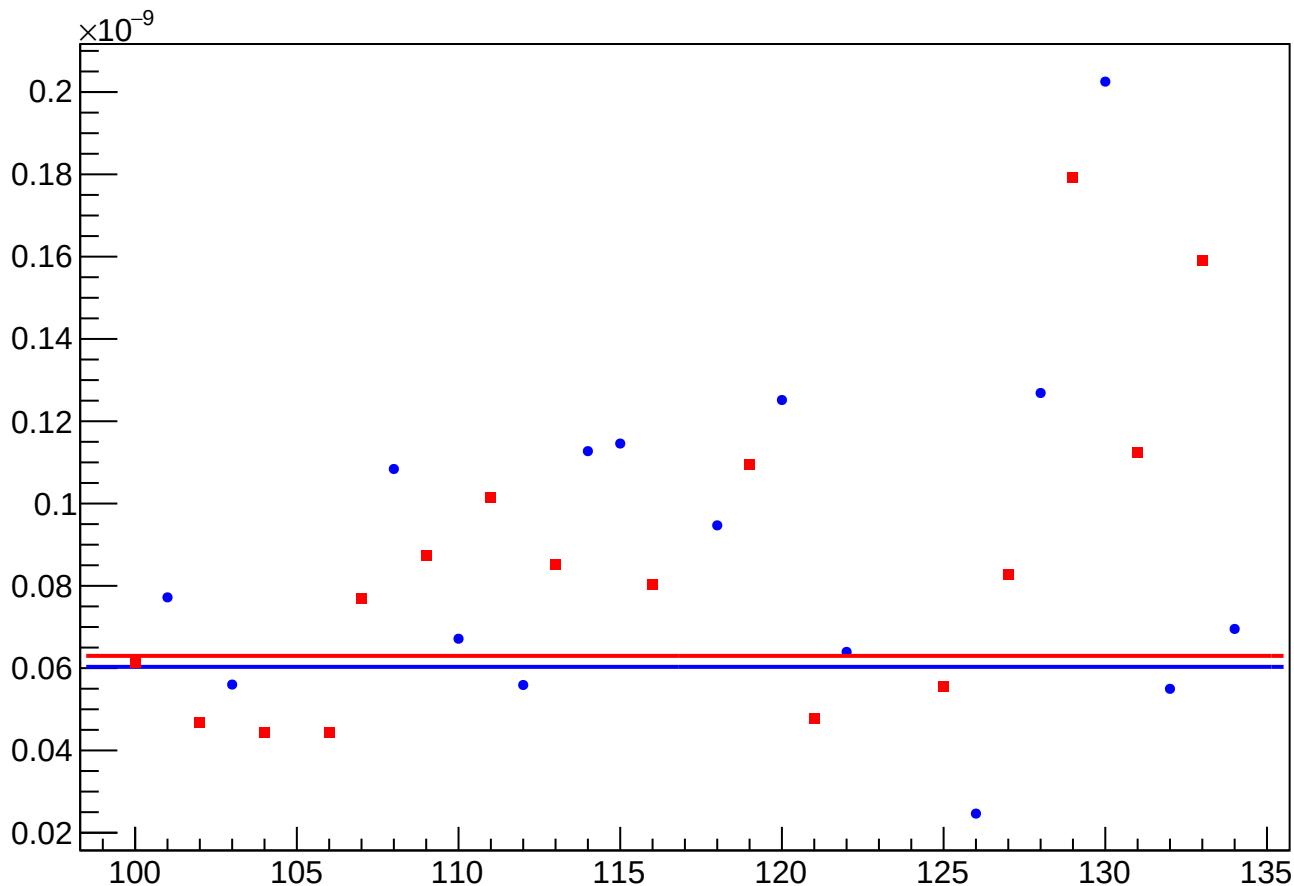
Right: -0.000+/-0.000 χ^2/NDF : 33.3/30

In: -0.000+/-0.000 χ^2/NDF : 7.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/30

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1477805.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1295477.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

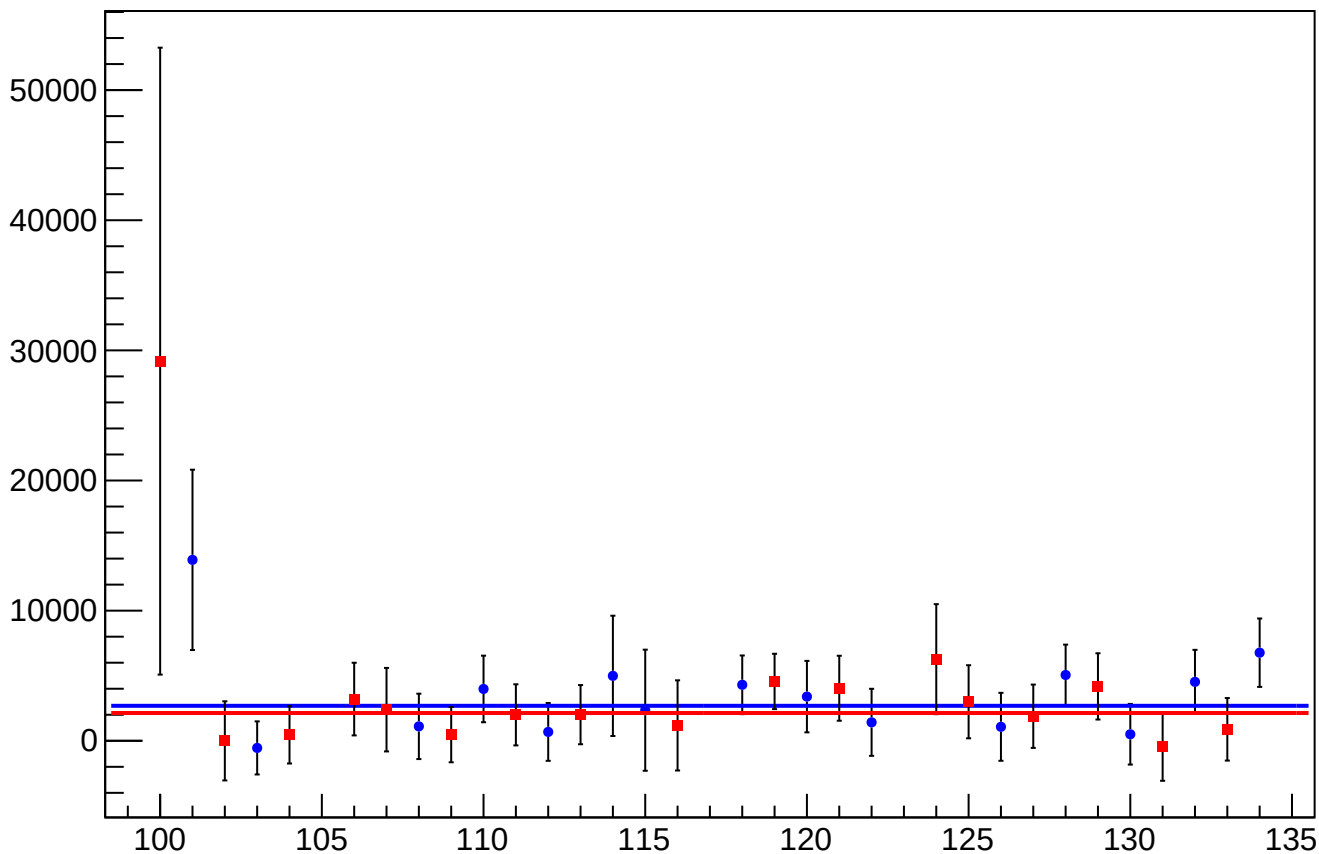
Right: 0.000+/-0.000 χ^2/NDF : 2779506.9/30

In: 0.000+/-0.000 χ^2/NDF :1477805.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2779506.9/30

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2688.325+/-678.436 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2134.364+/-641.836 χ^2/NDF : 8.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

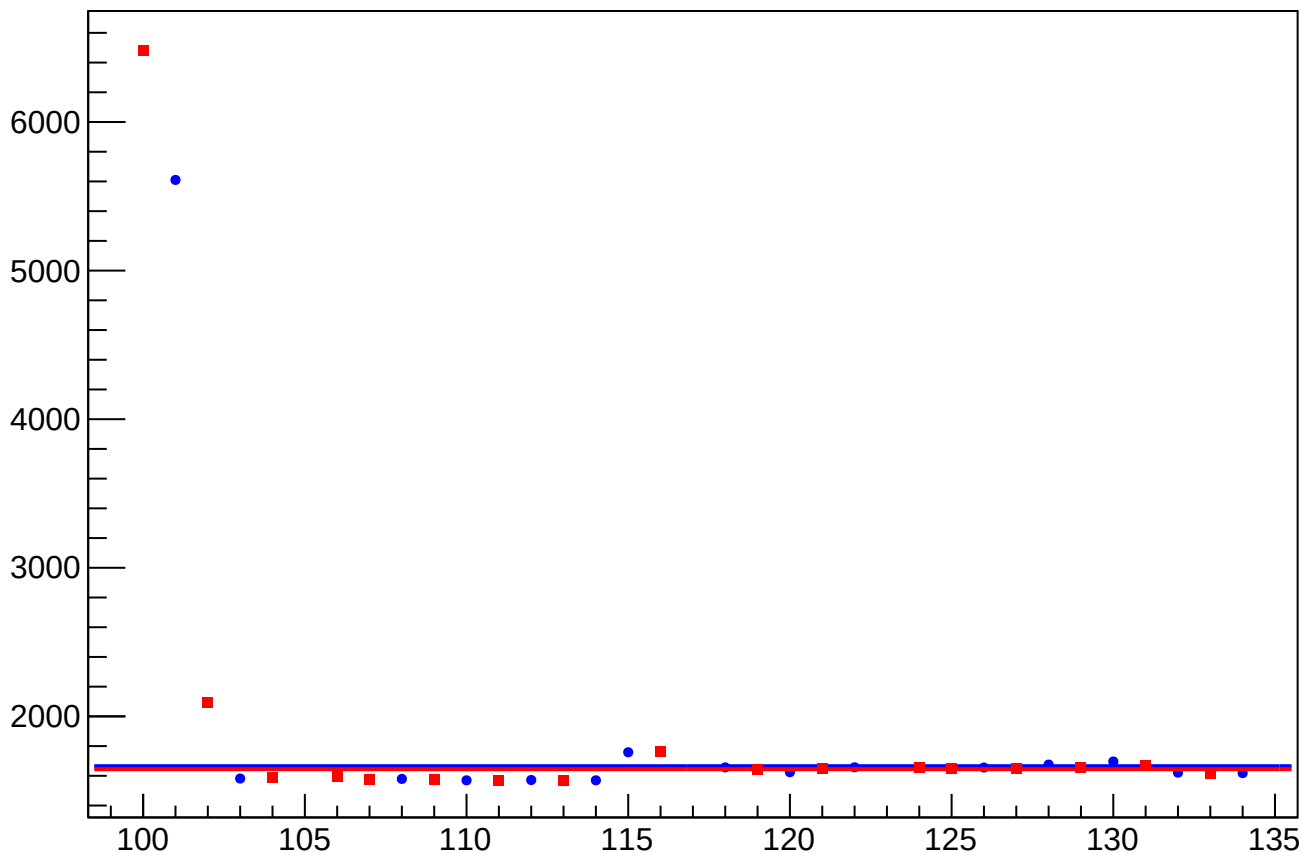
Right: 2396.000+/-466.249 χ^2/NDF : 21.3/31

In: 2688.325+/-678.436 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.000+/-466.249 χ^2/NDF : 21.3/31

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1664.587+/-0.480 χ^2/NDF : 664245.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.519+/-0.454 χ^2/NDF : 136810.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

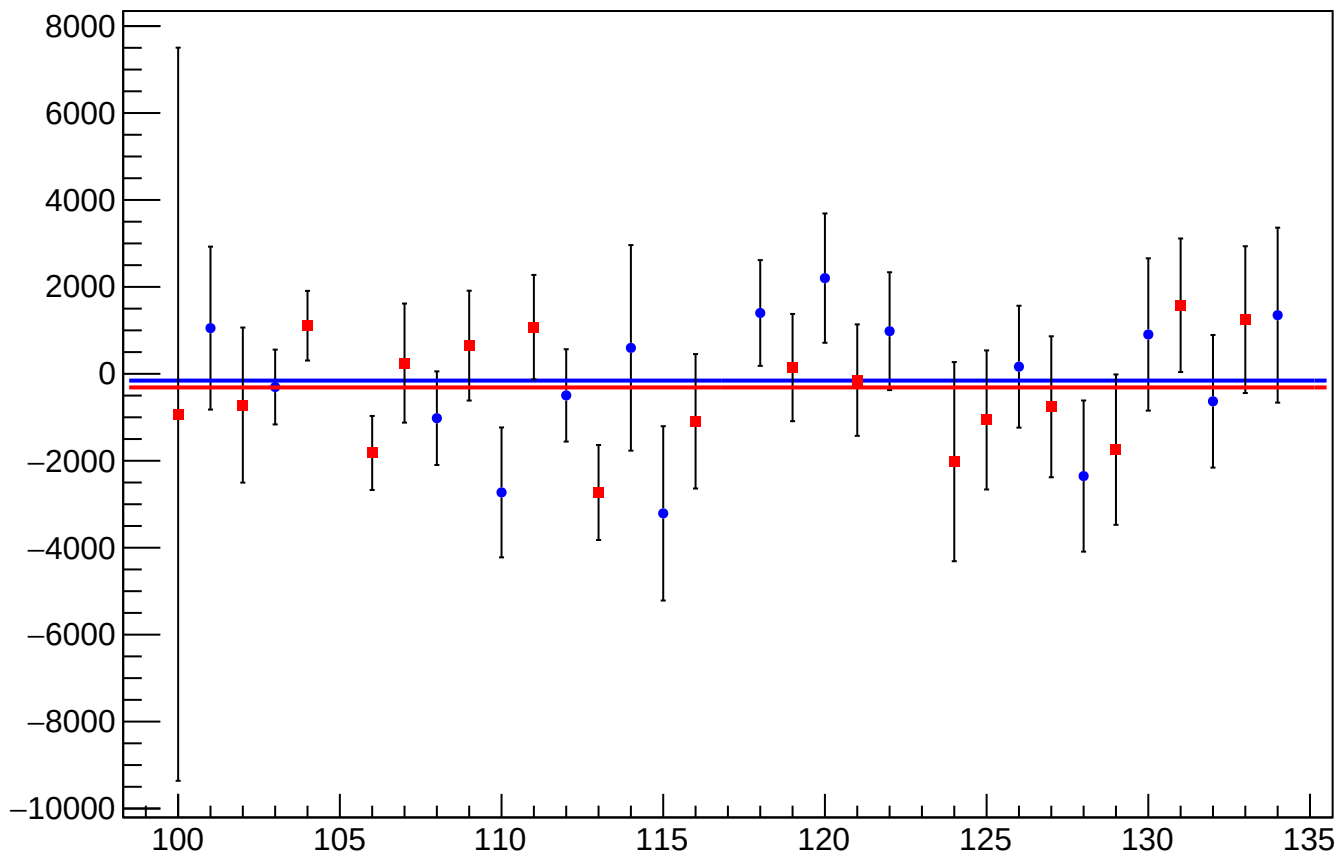
Right: 1653.997+/-0.330 χ^2/NDF : 801979.4/31

In: 1664.587+/-0.480 χ^2/NDF : 664245.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.997+/-0.330 χ^2/NDF : 801979.4/31

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -155.067+/-358.698 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -312.933+/-320.910 χ^2/NDF : 17.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

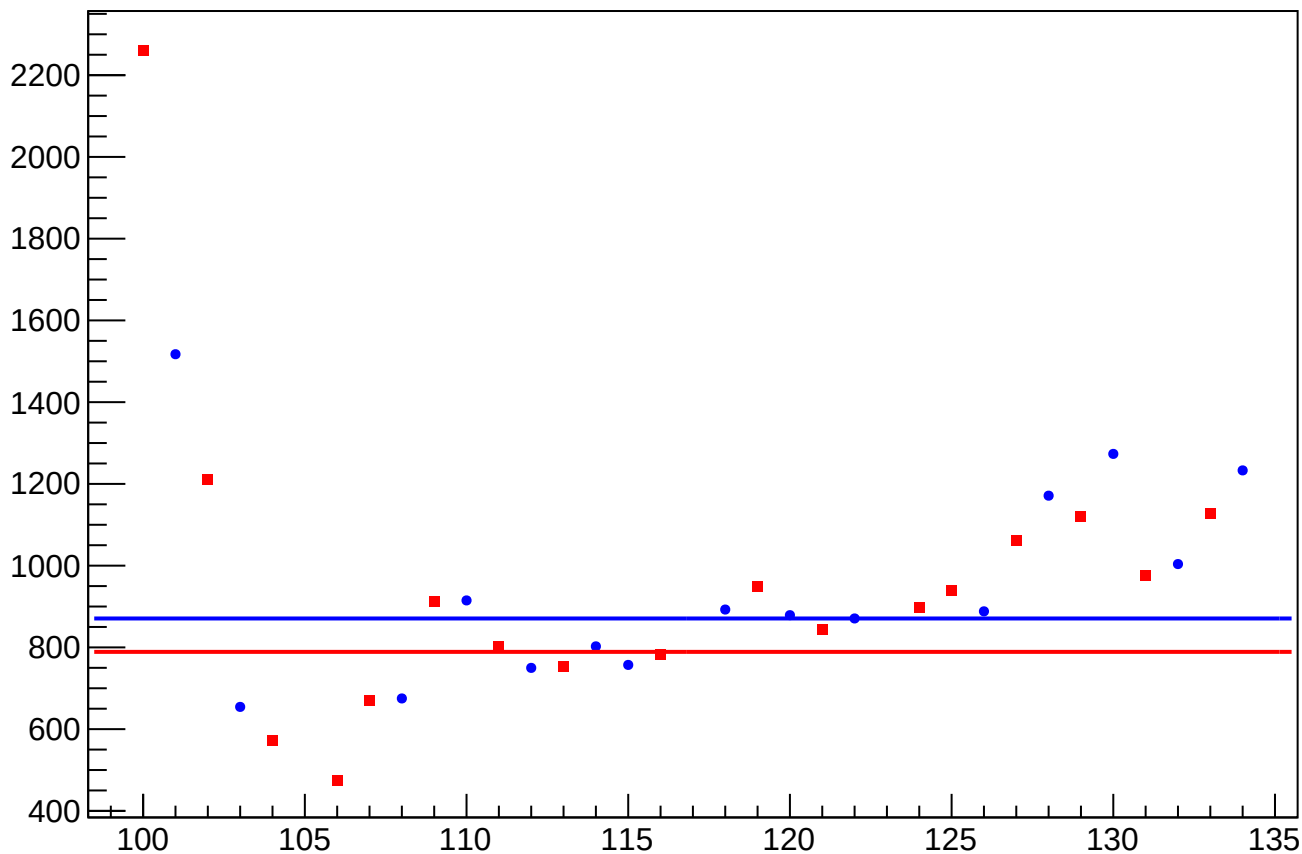
Right: -242.751+/-239.165 χ^2/NDF : 31.8/31

In: -155.067+/-358.698 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.751+/-239.165 χ^2/NDF : 31.8/31

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 870.756+/-0.254 χ^2/NDF : 712544.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 789.057+/-0.227 χ^2/NDF : 928364.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

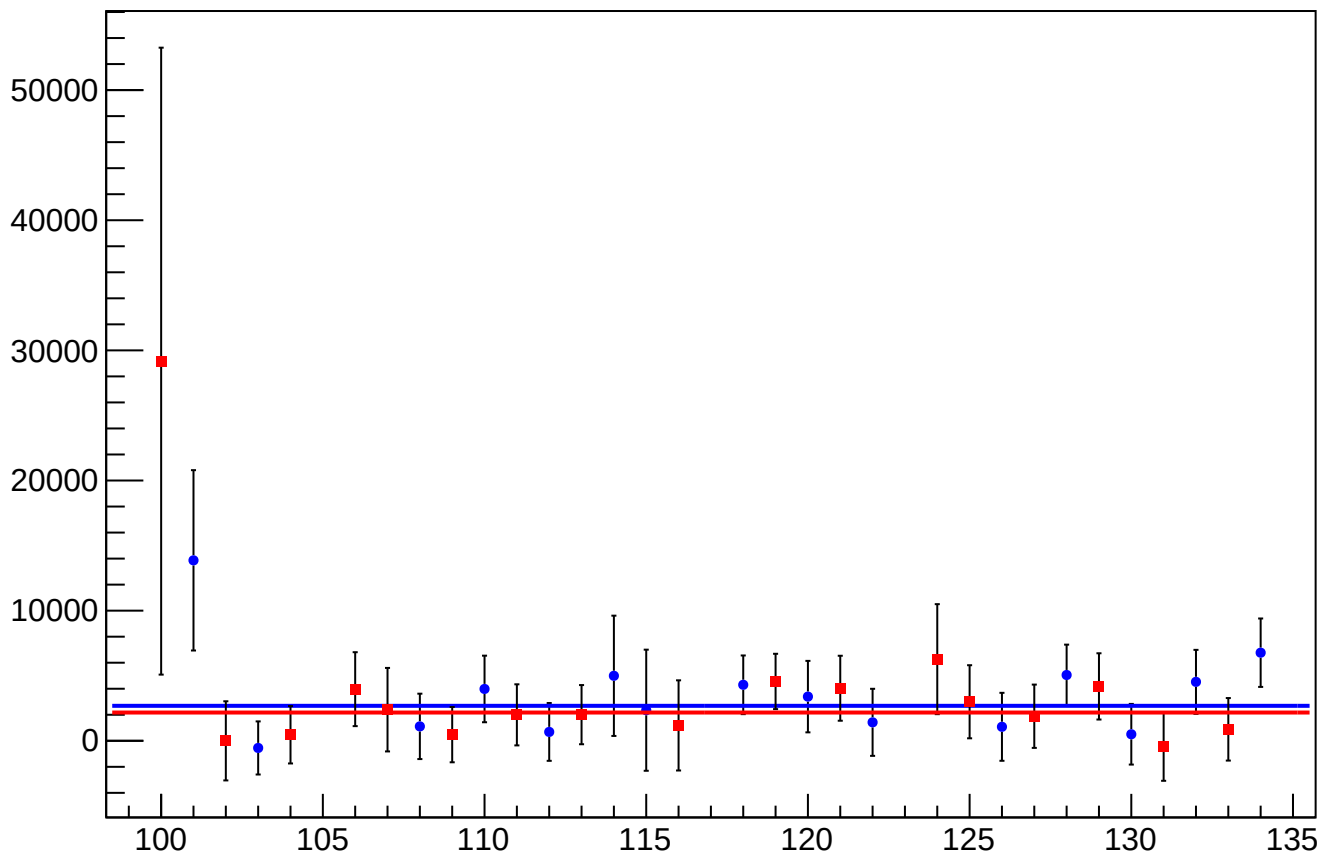
Right: 825.378+/-0.169 χ^2/NDF : 1698537.1/31

In: 870.756+/-0.254 χ^2/NDF : 712544.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.378+/-0.169 χ^2/NDF : 1698537.1/31

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2687.683+/-678.437 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.899+/-642.421 χ^2/NDF : 8.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

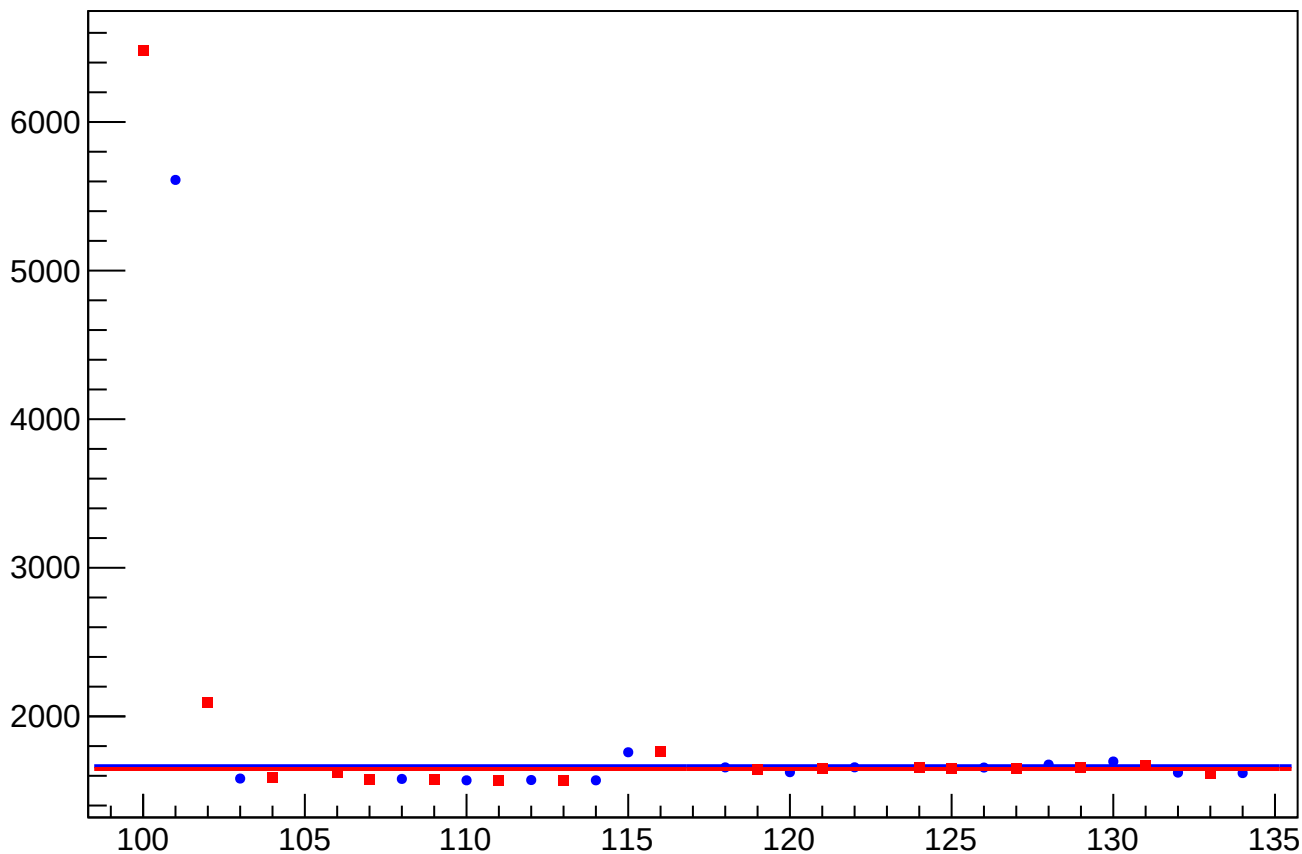
Right: 2415.738+/-466.473 χ^2/NDF : 21.5/31

In: 2687.683+/-678.437 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.738+/-466.473 χ^2/NDF : 21.5/31

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1664.587+/-0.480 χ^2/NDF : 664244.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.967+/-0.454 χ^2/NDF : 136279.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

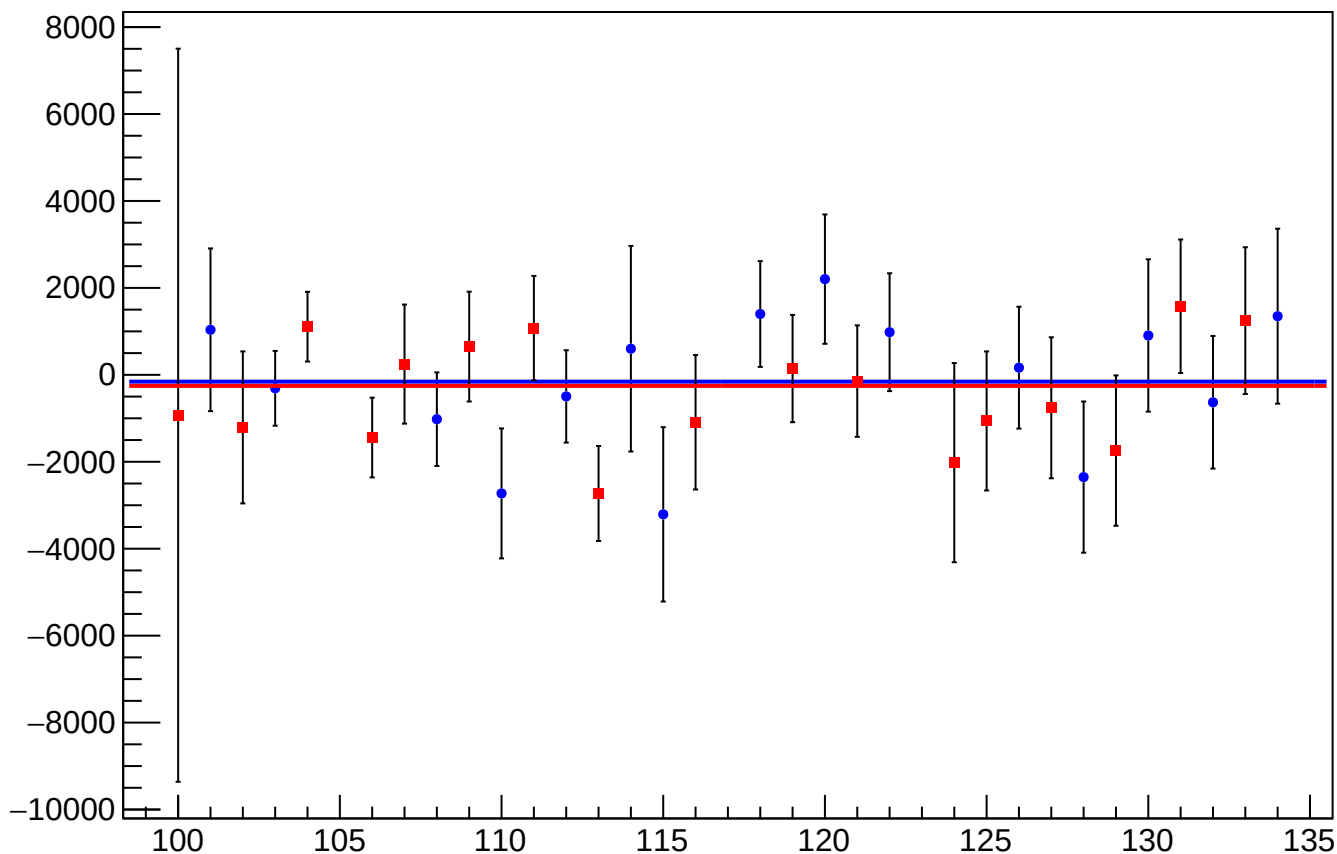
Right: 1654.770+/-0.330 χ^2/NDF : 801318.7/31

In: 1664.587+/-0.480 χ^2/NDF : 664244.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.770+/-0.330 χ^2/NDF : 801318.7/31

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -156.607+/-358.646 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.623+/-323.901 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

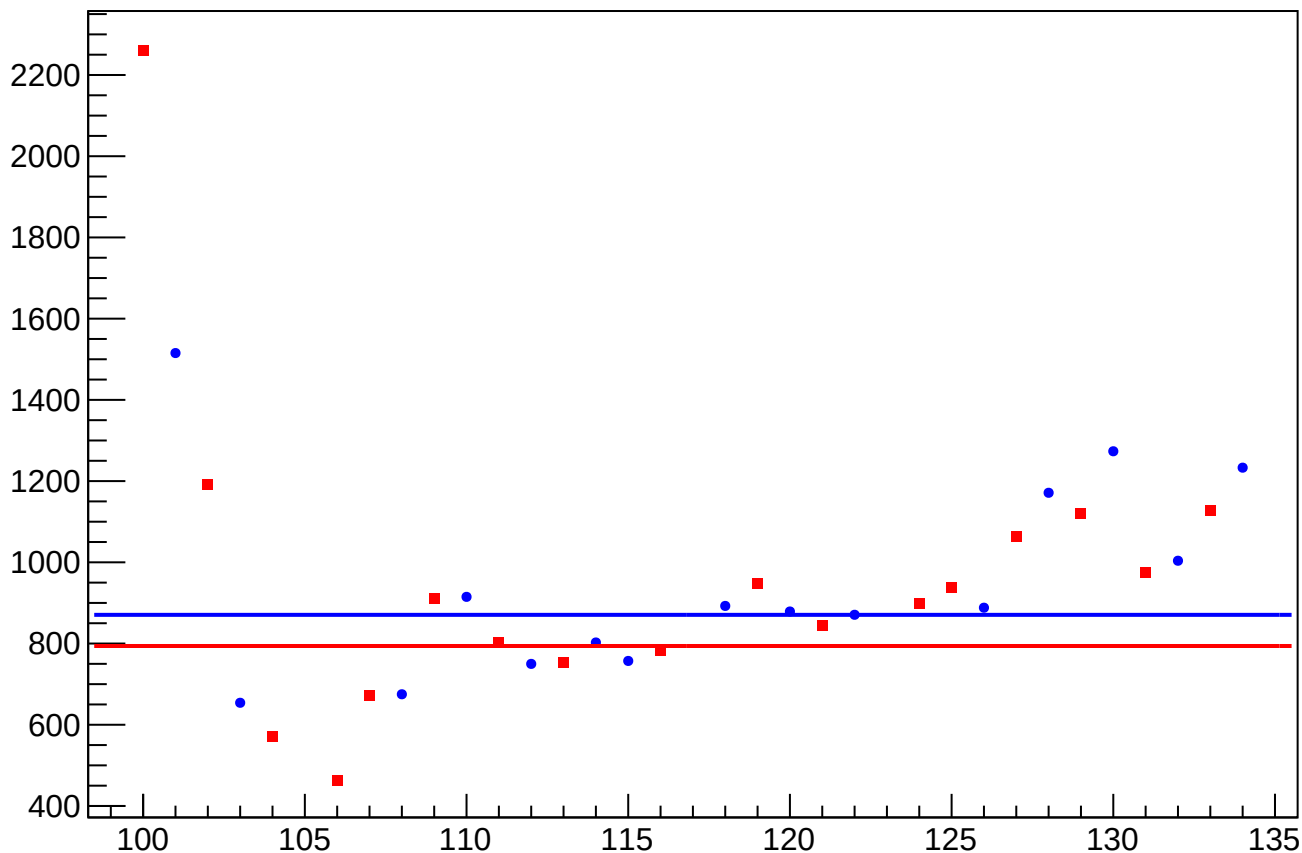
Right: -210.041+/-240.380 χ^2/NDF : 30.3/31

In: -156.607+/-358.646 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.041+/-240.380 χ^2/NDF : 30.3/31

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 870.654+/-0.254 χ^2/NDF : 712248.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.946+/-0.229 χ^2/NDF : 901371.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

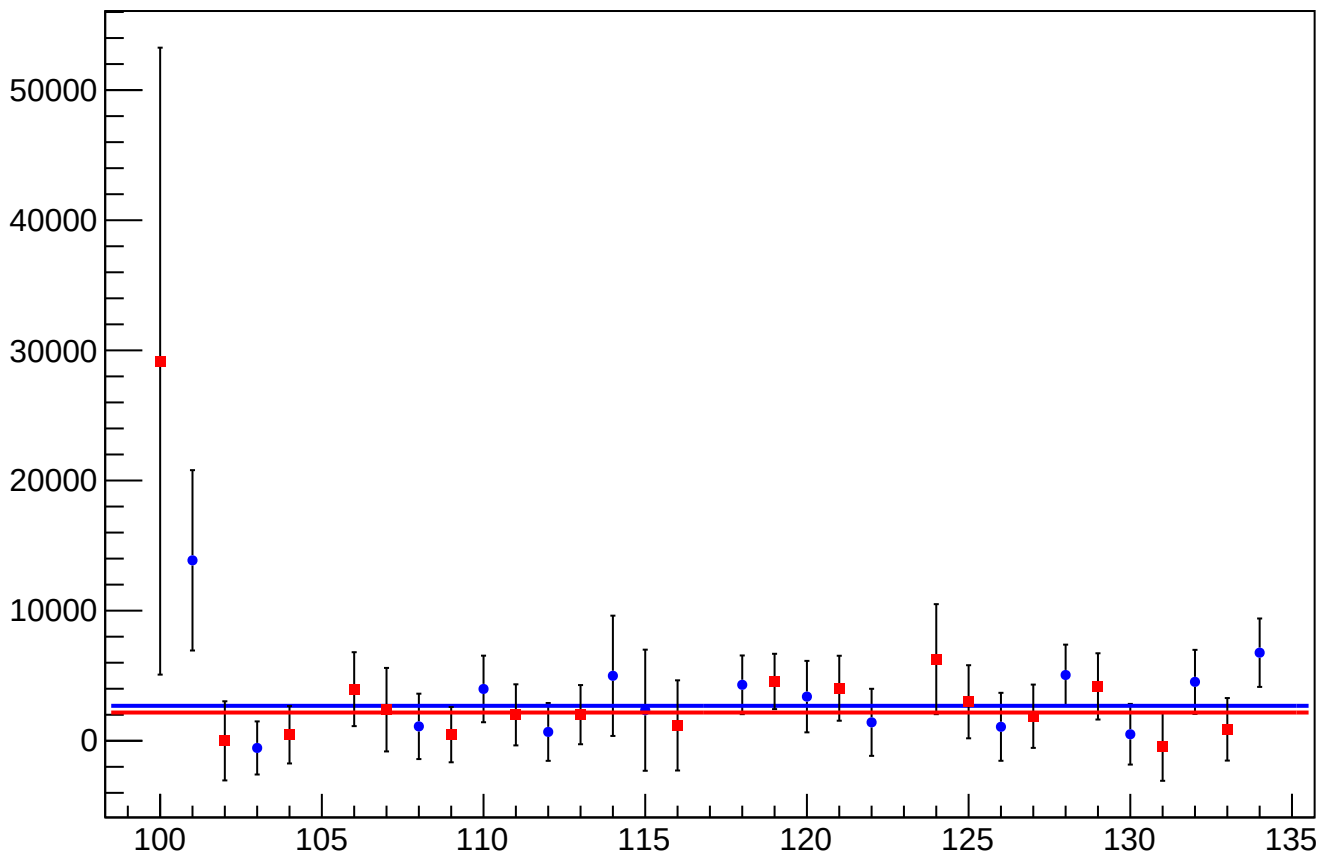
Right: 828.405+/-0.170 χ^2/NDF : 1664010.4/31

In: 870.654+/-0.254 χ^2/NDF : 712248.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.405+/-0.170 χ^2/NDF : 1664010.4/31

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2687.683+/-678.437 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.899+/-642.421 χ^2/NDF : 8.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

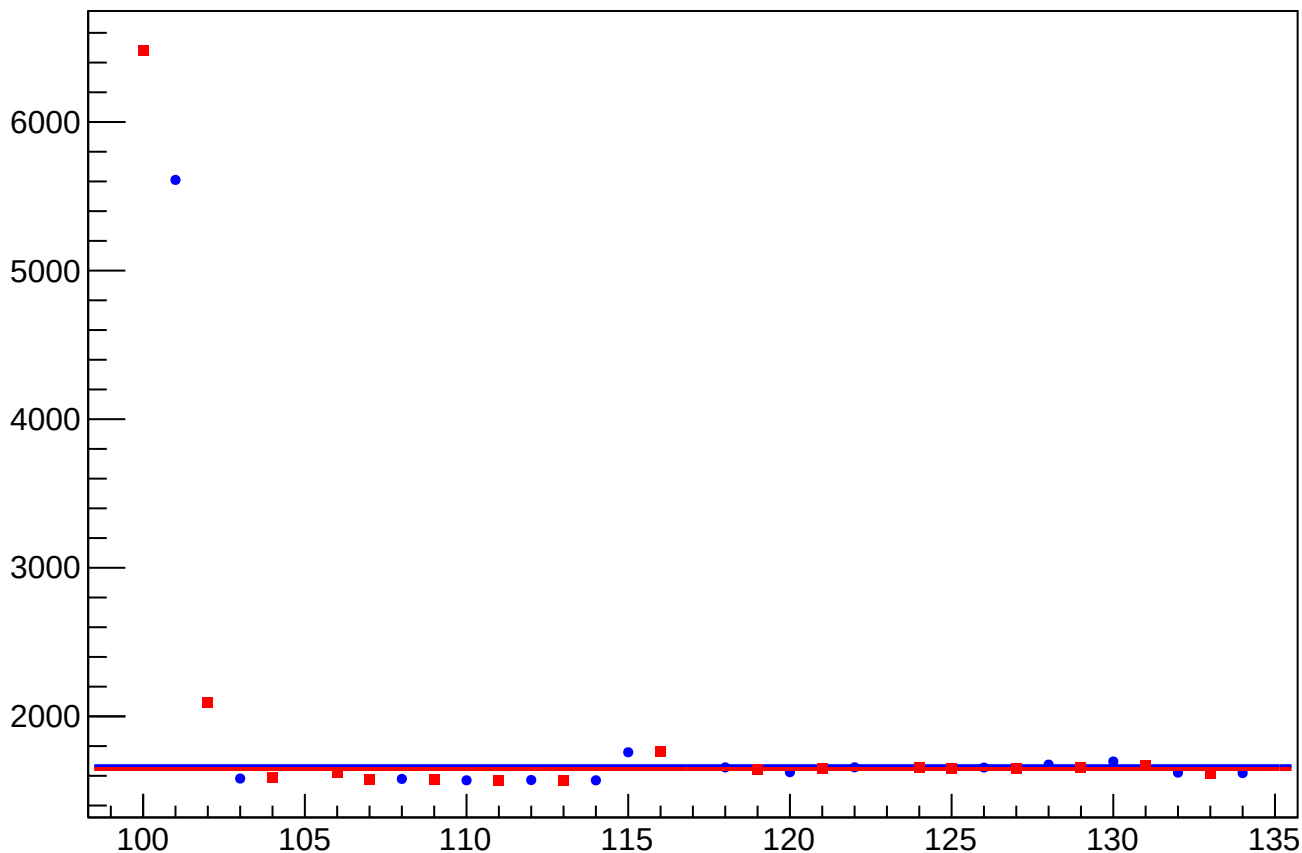
Right: 2415.738+/-466.473 χ^2/NDF : 21.5/31

In: 2687.683+/-678.437 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.738+/-466.473 χ^2/NDF : 21.5/31

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1664.587+/-0.480 χ^2/NDF : 664244.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.967+/-0.454 χ^2/NDF : 136279.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

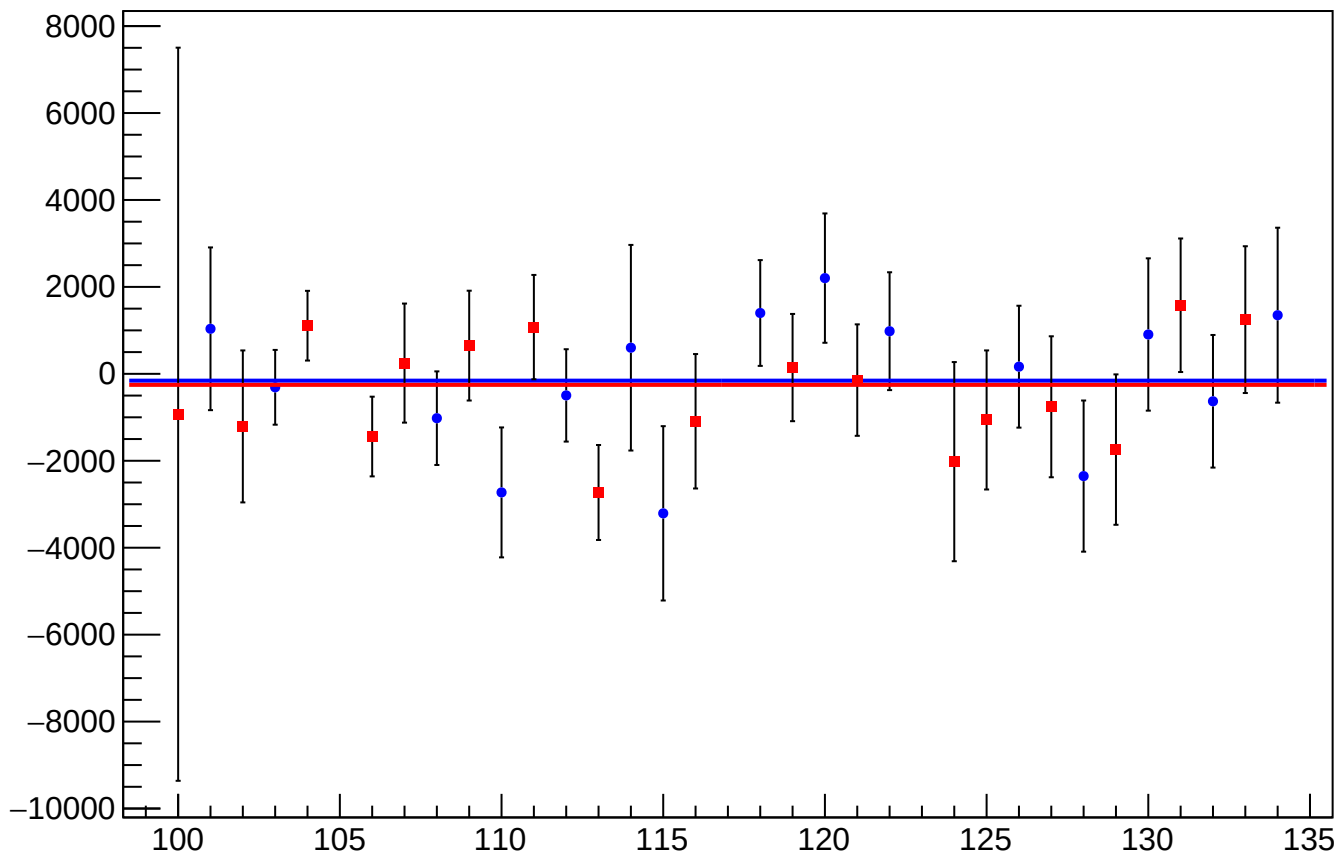
Right: 1654.770+/-0.330 χ^2/NDF : 801318.7/31

In: 1664.587+/-0.480 χ^2/NDF : 664244.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.770+/-0.330 χ^2/NDF : 801318.7/31

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -156.607+/-358.646 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.623+/-323.901 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

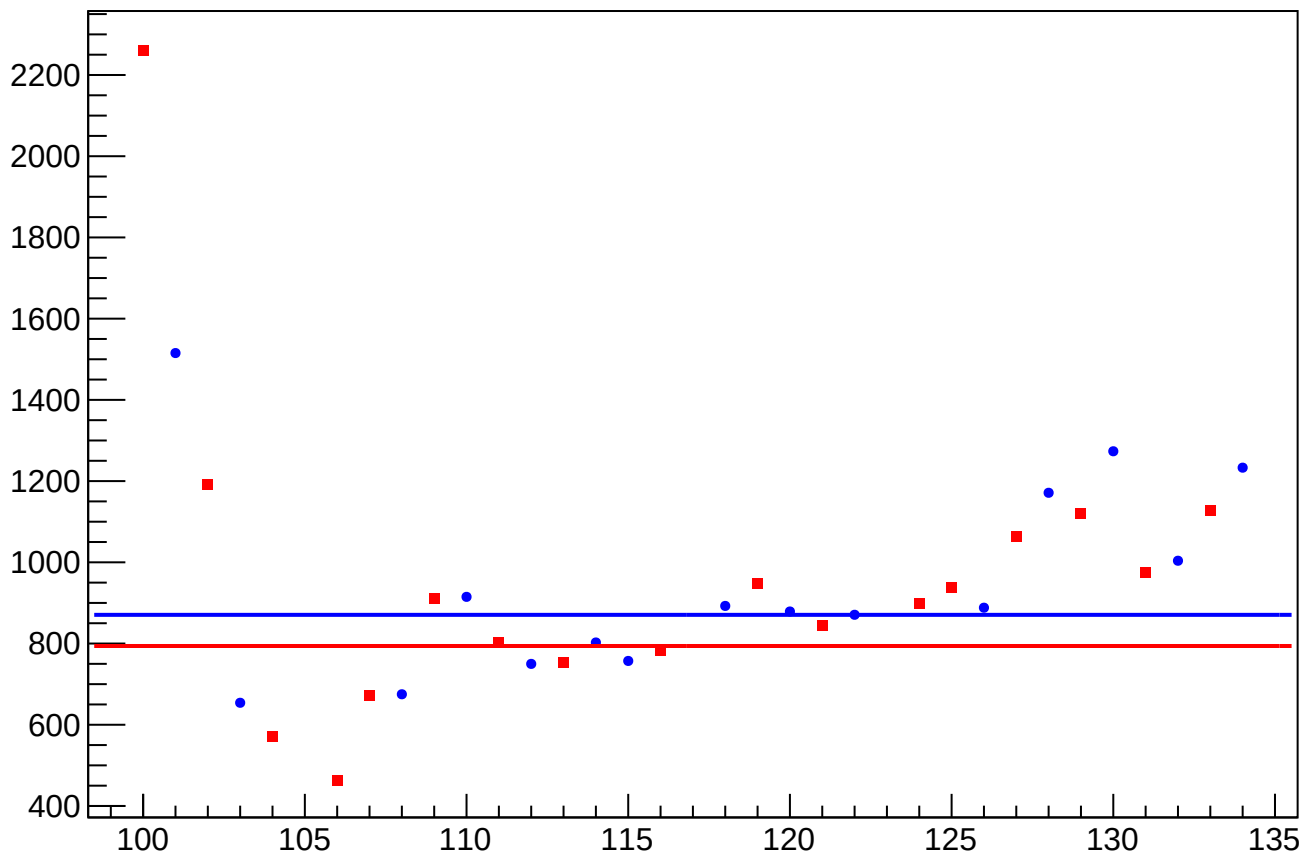
Right: -210.041+/-240.380 χ^2/NDF : 30.3/31

In: -156.607+/-358.646 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.041+/-240.380 χ^2/NDF : 30.3/31

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 870.654+/-0.254 χ^2/NDF : 712248.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.946+/-0.229 χ^2/NDF : 901371.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

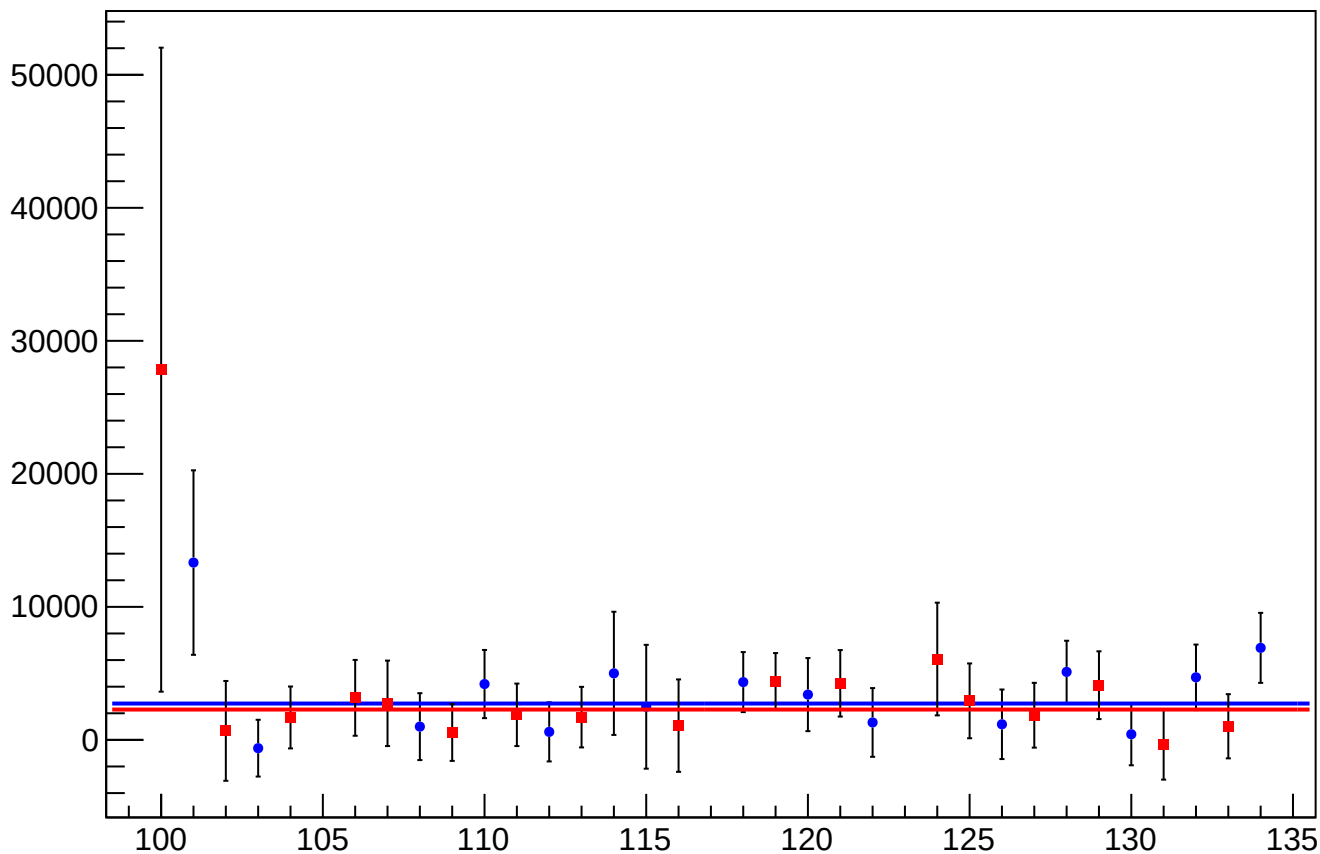
Right: 828.405+/-0.170 χ^2/NDF : 1664010.4/31

In: 870.654+/-0.254 χ^2/NDF : 712248.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.405+/-0.170 χ^2/NDF : 1664010.4/31

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2732.298+/-682.659 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2281.112+/-651.439 χ^2/NDF : 6.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

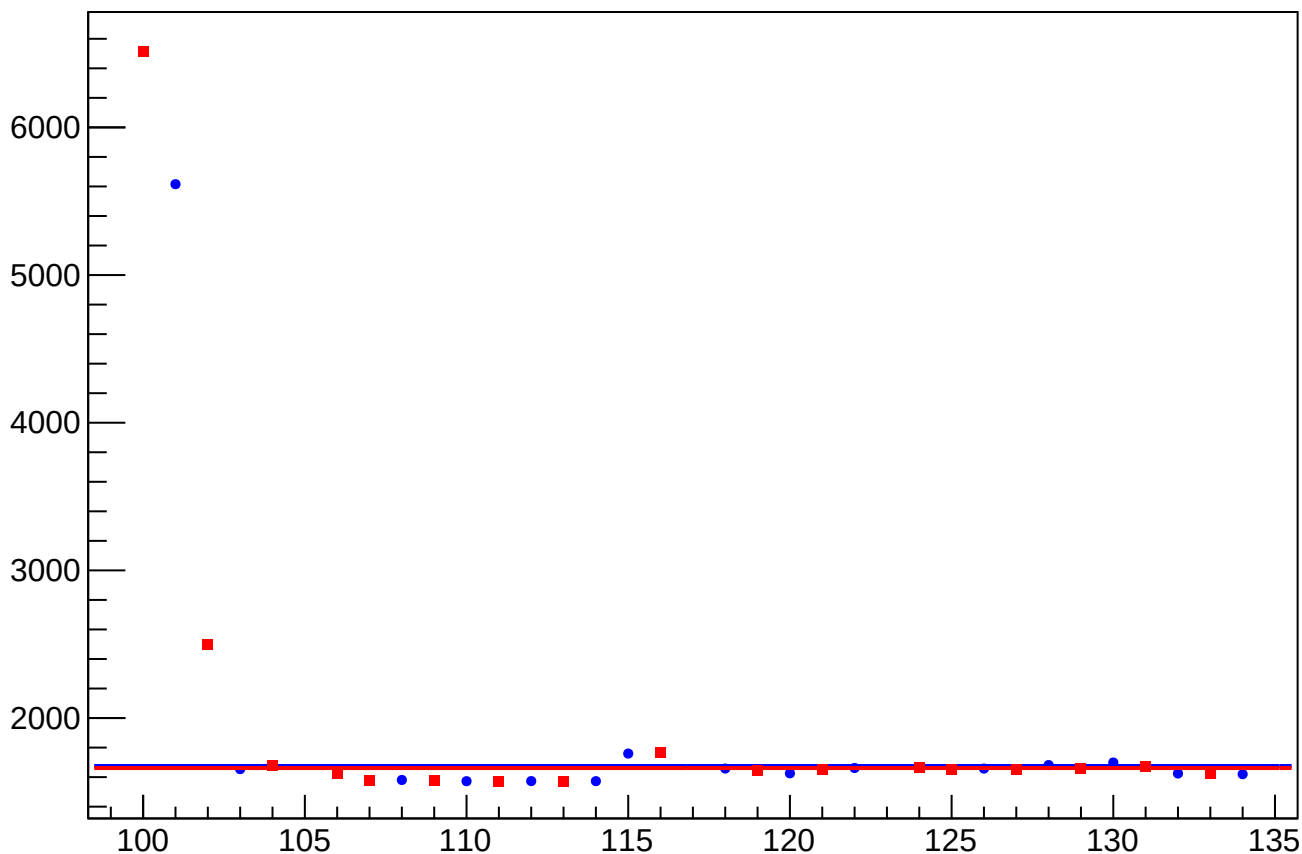
Right: 2496.153+/-471.288 χ^2/NDF : 20.1/31

In: 2732.298+/-682.659 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2496.153+/-471.288 χ^2/NDF : 20.1/31

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1675.174+/-0.483 χ^2/NDF : 660517.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1661.336+/-0.461 χ^2/NDF : 192885.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

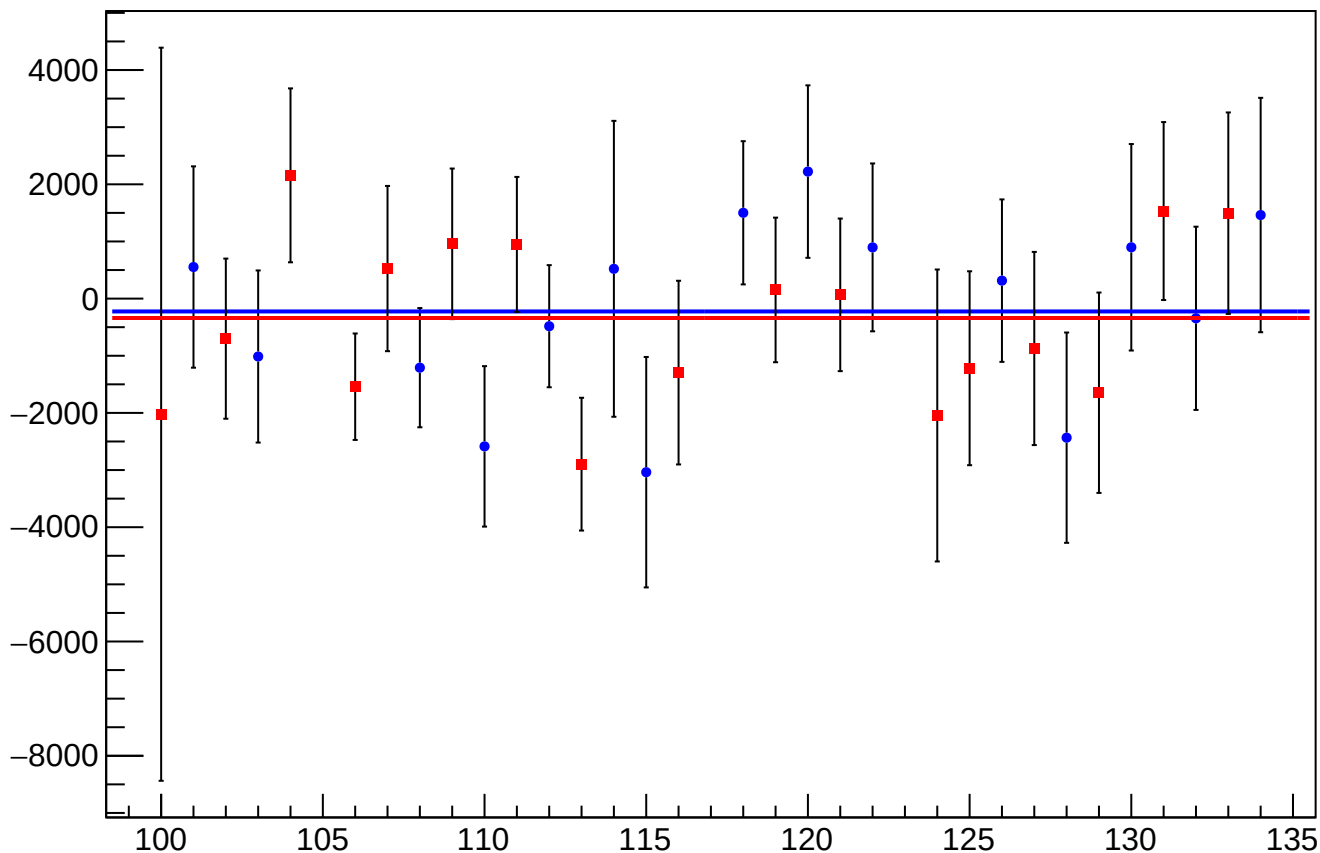
Right: 1667.931+/-0.333 χ^2/NDF : 853833.6/31

In: 1675.174+/-0.483 χ^2/NDF : 660517.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.931+/-0.333 χ^2/NDF : 853833.6/31

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -224.521 $\pm$ 385.645 χ^2 /NDF: 14.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -339.125 $\pm$ 351.084 χ^2 /NDF: 16.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

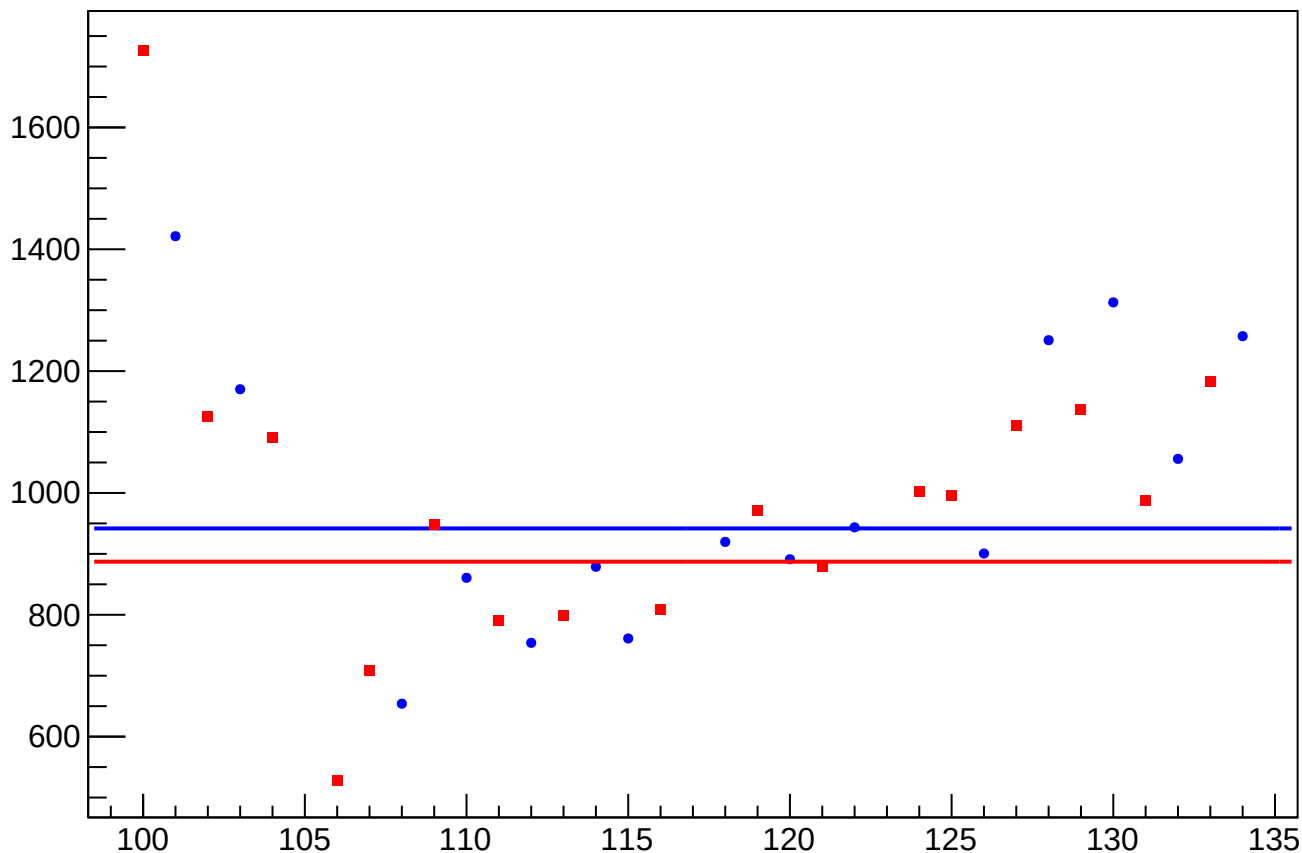
Right: -287.187 $\pm$ 259.614 χ^2 /NDF: 30.4/31

In: -224.521 $\pm$ 385.645 χ^2 /NDF:14.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -287.187 $\pm$ 259.614 χ^2 /NDF: 30.4/31

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 941.781+/-0.273 χ^2/NDF : 635088.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 887.174+/-0.248 χ^2/NDF : 651232.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

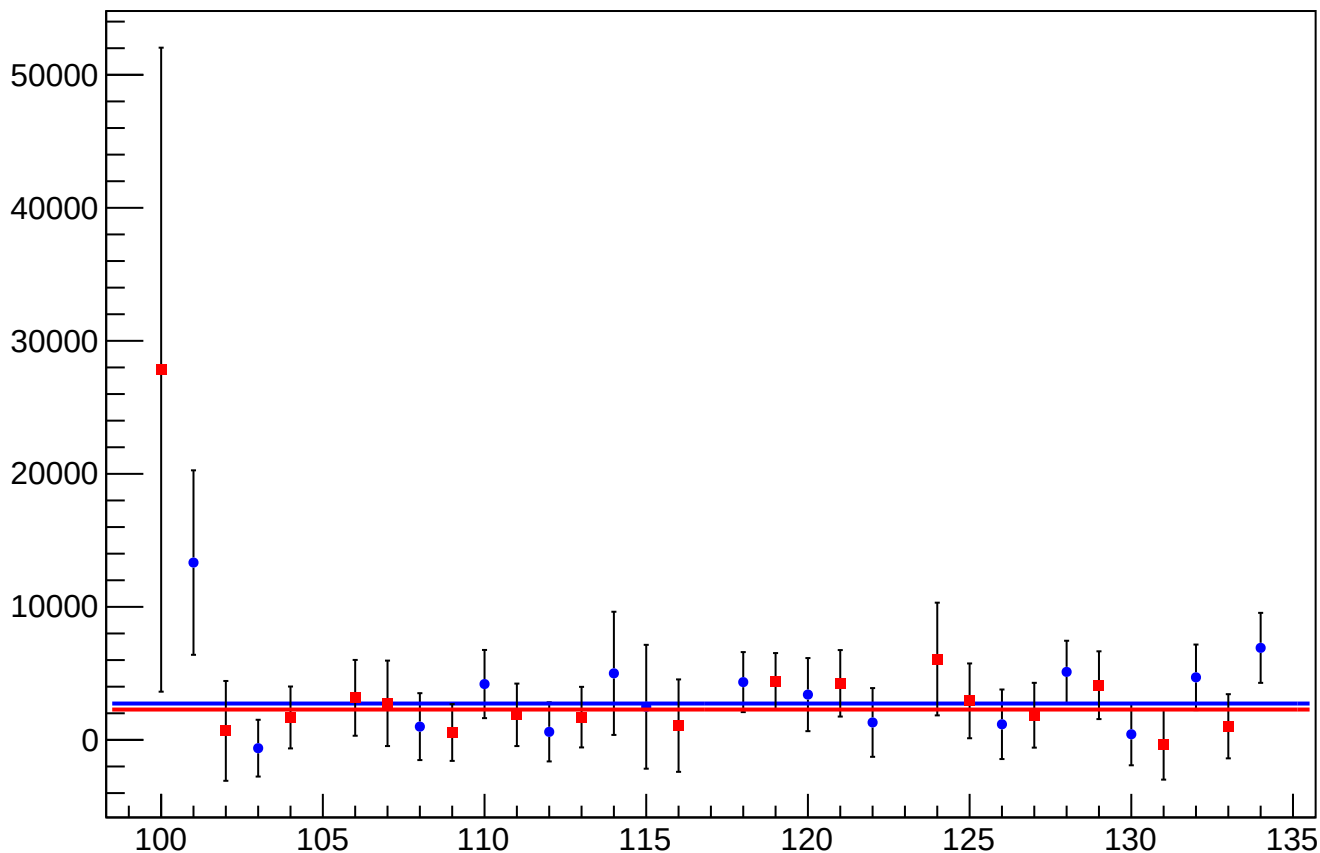
Right: 911.921+/-0.184 χ^2/NDF : 1308248.7/31

In: 941.781+/-0.273 χ^2/NDF : 635088.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.921+/-0.184 χ^2/NDF : 1308248.7/31

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2732.299+/-682.659 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2281.113+/-651.439 χ^2/NDF : 6.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

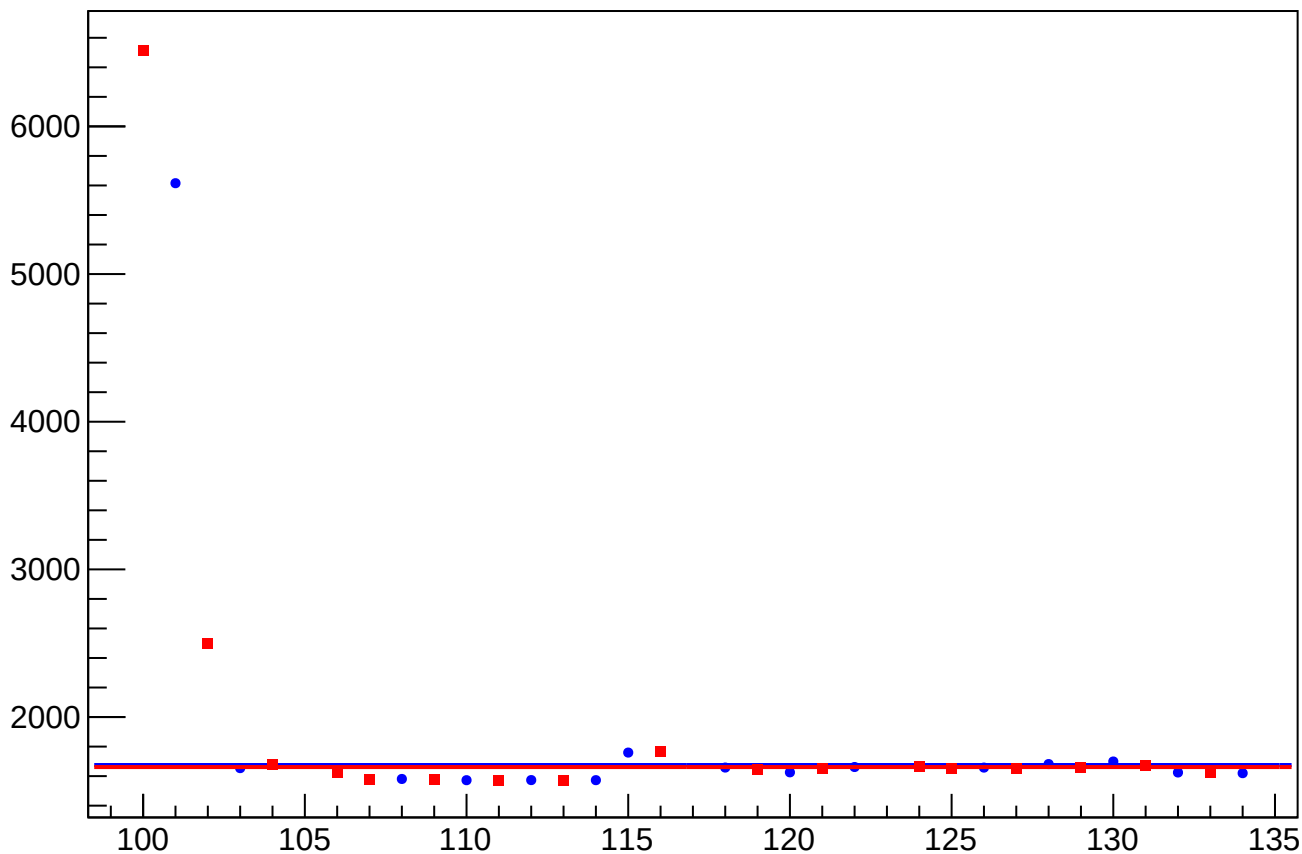
Right: 2496.154+/-471.288 χ^2/NDF : 20.1/31

In: 2732.299+/-682.659 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2496.154+/-471.288 χ^2/NDF : 20.1/31

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1675.174+/-0.483 χ^2/NDF : 660517.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1661.336+/-0.461 χ^2/NDF : 192885.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

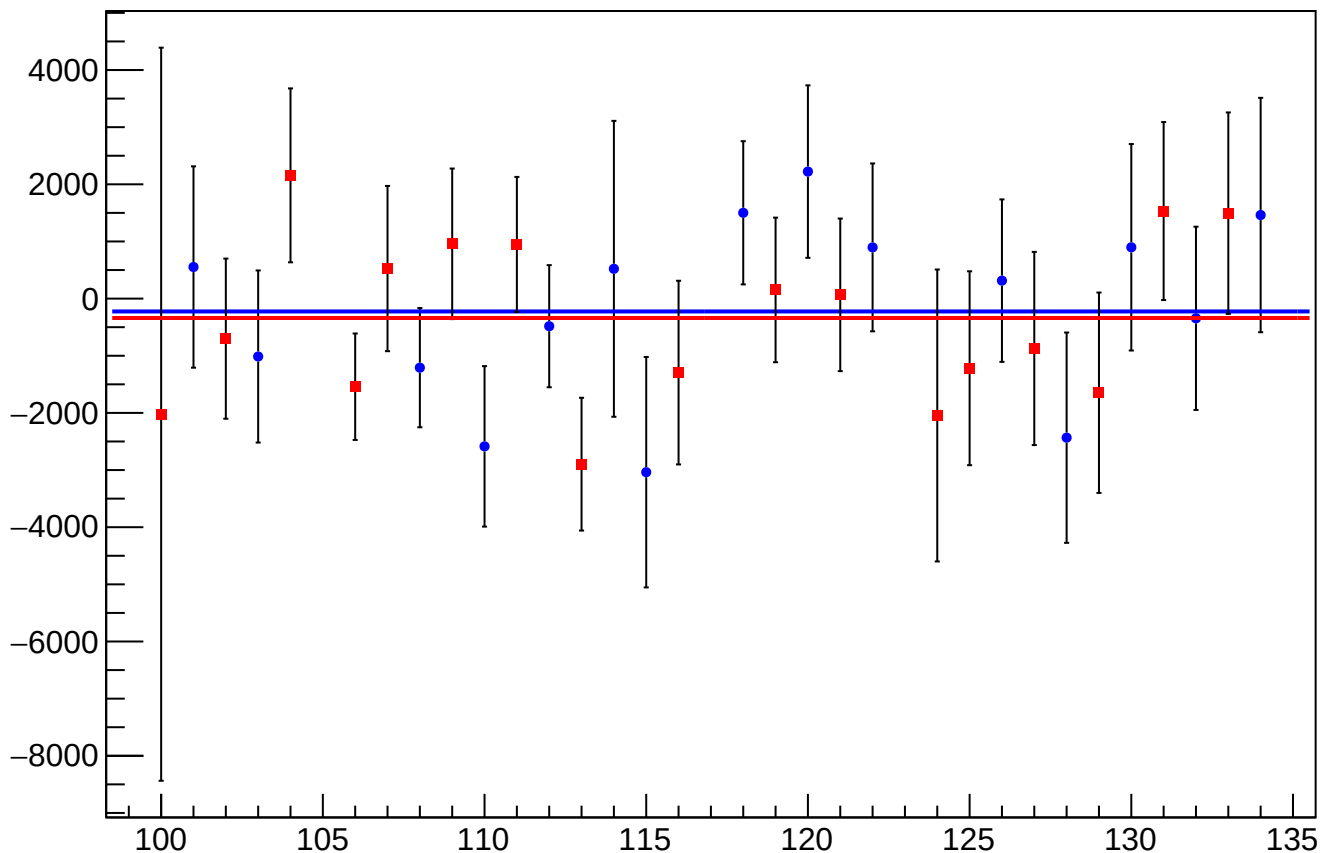
Right: 1667.931+/-0.333 χ^2/NDF : 853833.4/31

In: 1675.174+/-0.483 χ^2/NDF : 660517.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.931+/-0.333 χ^2/NDF : 853833.4/31

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -224.520 ± 385.643 $\chi^2/\text{NDF}: 14.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -339.124 ± 351.083 $\chi^2/\text{NDF}: 16.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

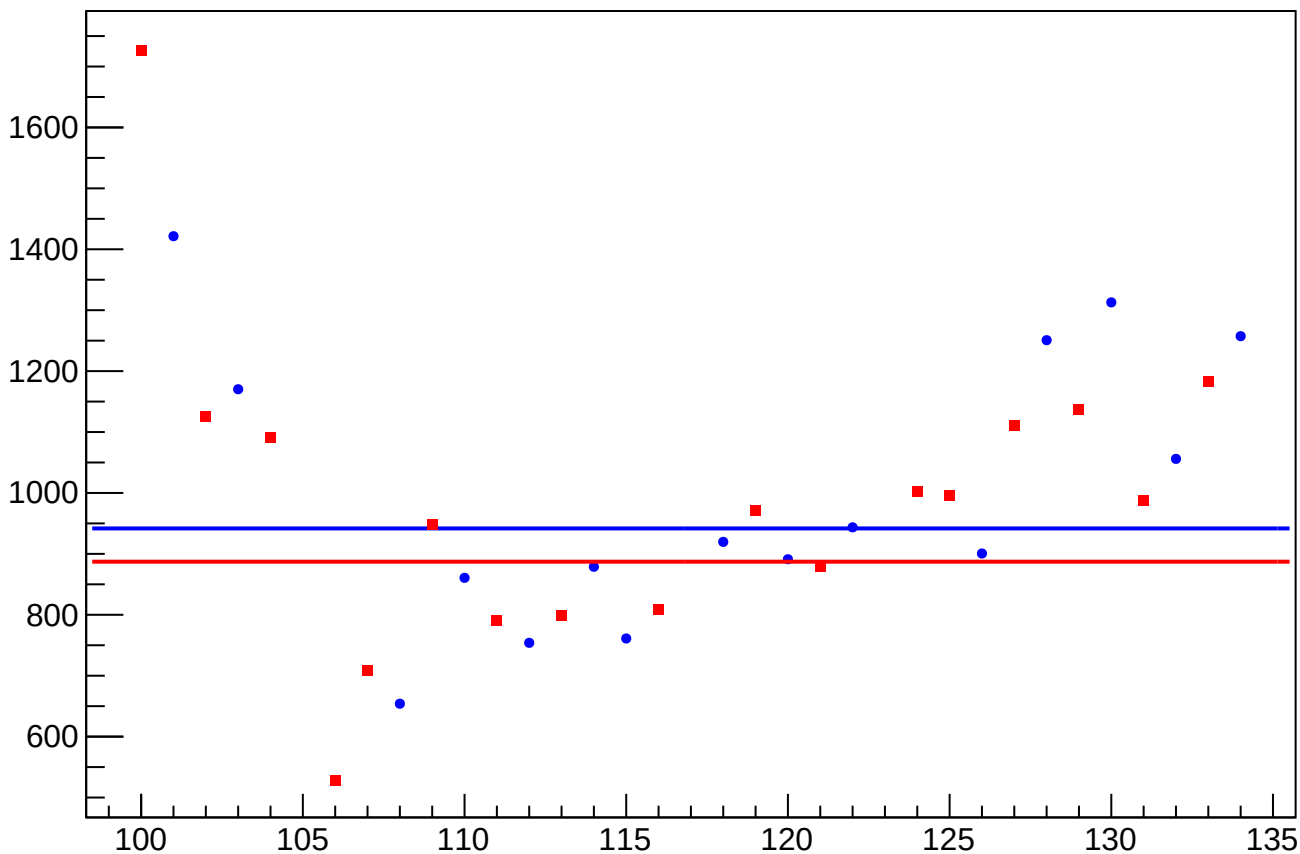
Right: -287.186 ± 259.613 $\chi^2/\text{NDF}: 30.4/31$

In: -224.520 ± 385.643 $\chi^2/\text{NDF}: 14.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -287.186 ± 259.613 $\chi^2/\text{NDF}: 30.4/31$

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 941.777 $\pm$ 0.273 χ^2 /NDF: 635092.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 887.171 $\pm$ 0.248 χ^2 /NDF: 651226.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

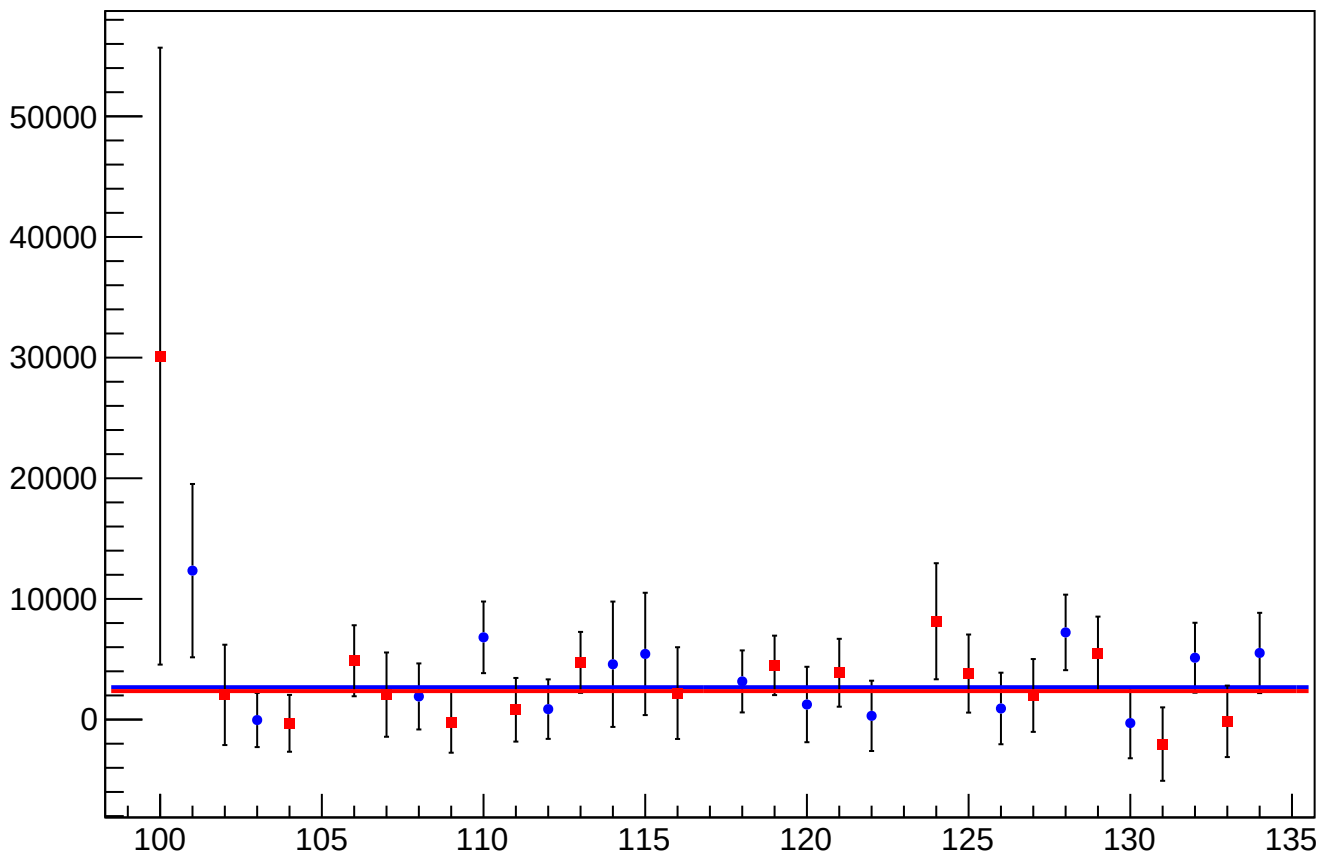
Right: 911.918 $\pm$ 0.184 χ^2 /NDF: 1308246.4/31

In: 941.777 $\pm$ 0.273 χ^2 /NDF:635092.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 911.918 $\pm$ 0.184 χ^2 /NDF: 1308246.4/31

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2682.539+/-785.781 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.230+/-739.134 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

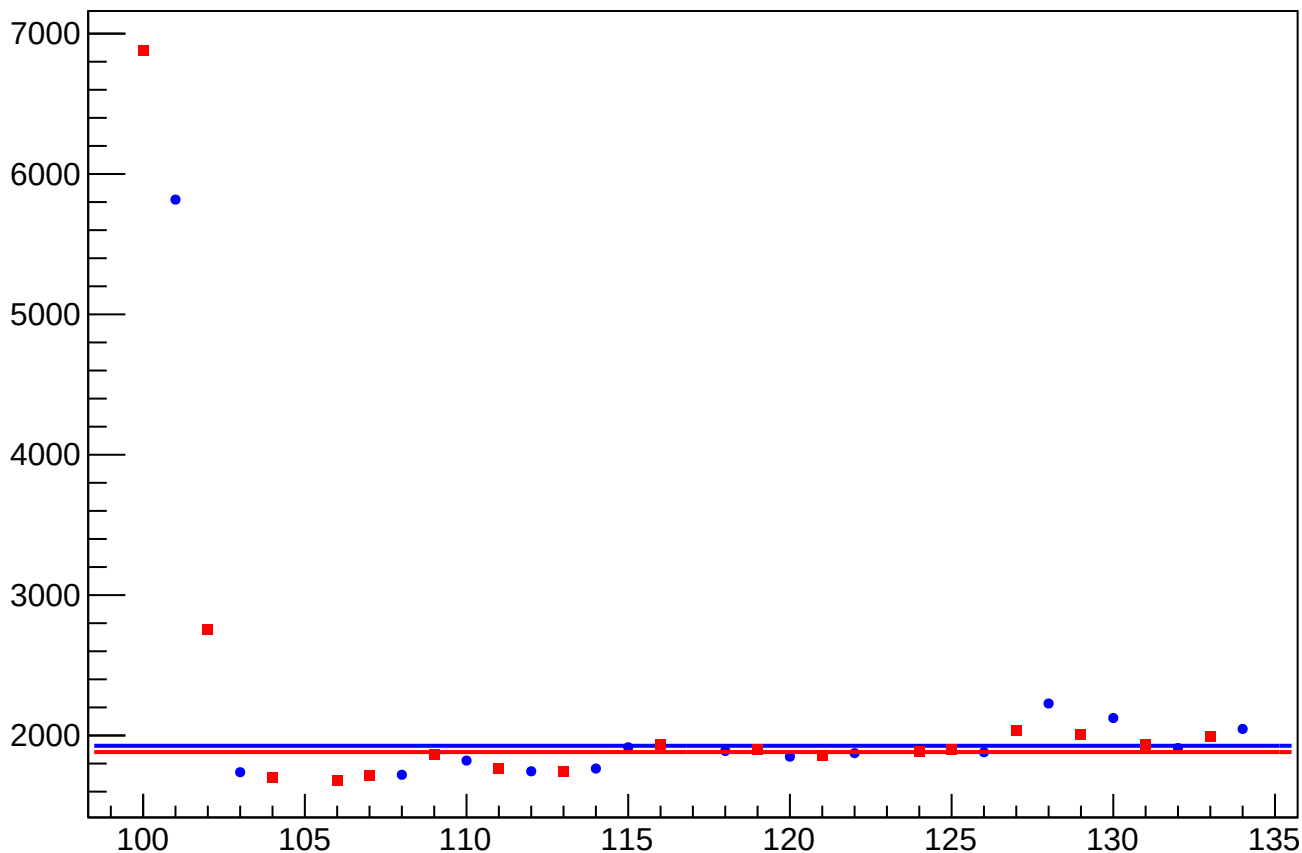
Right: 2511.004+/-538.382 χ^2/NDF : 24.2/31

In: 2682.539+/-785.781 χ^2/NDF : 12.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.004+/-538.382 χ^2/NDF : 24.2/31

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1926.686+/-0.556 χ^2/NDF : 660686.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.632+/-0.523 χ^2/NDF : 213694.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

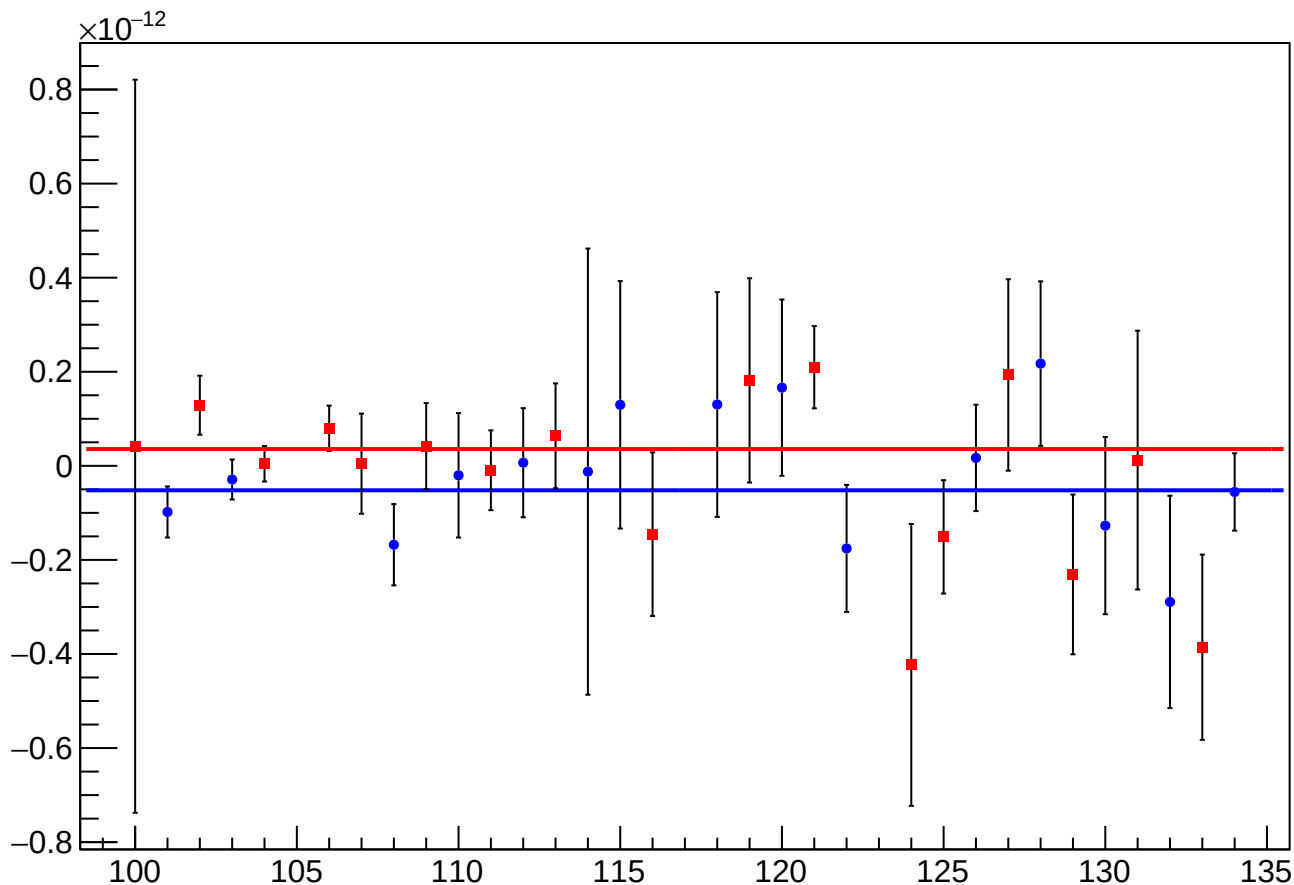
Right: 1902.782+/-0.381 χ^2/NDF : 877870.0/31

In: 1926.686+/-0.556 χ^2/NDF : 660686.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.782+/-0.381 χ^2/NDF : 877870.0/31

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

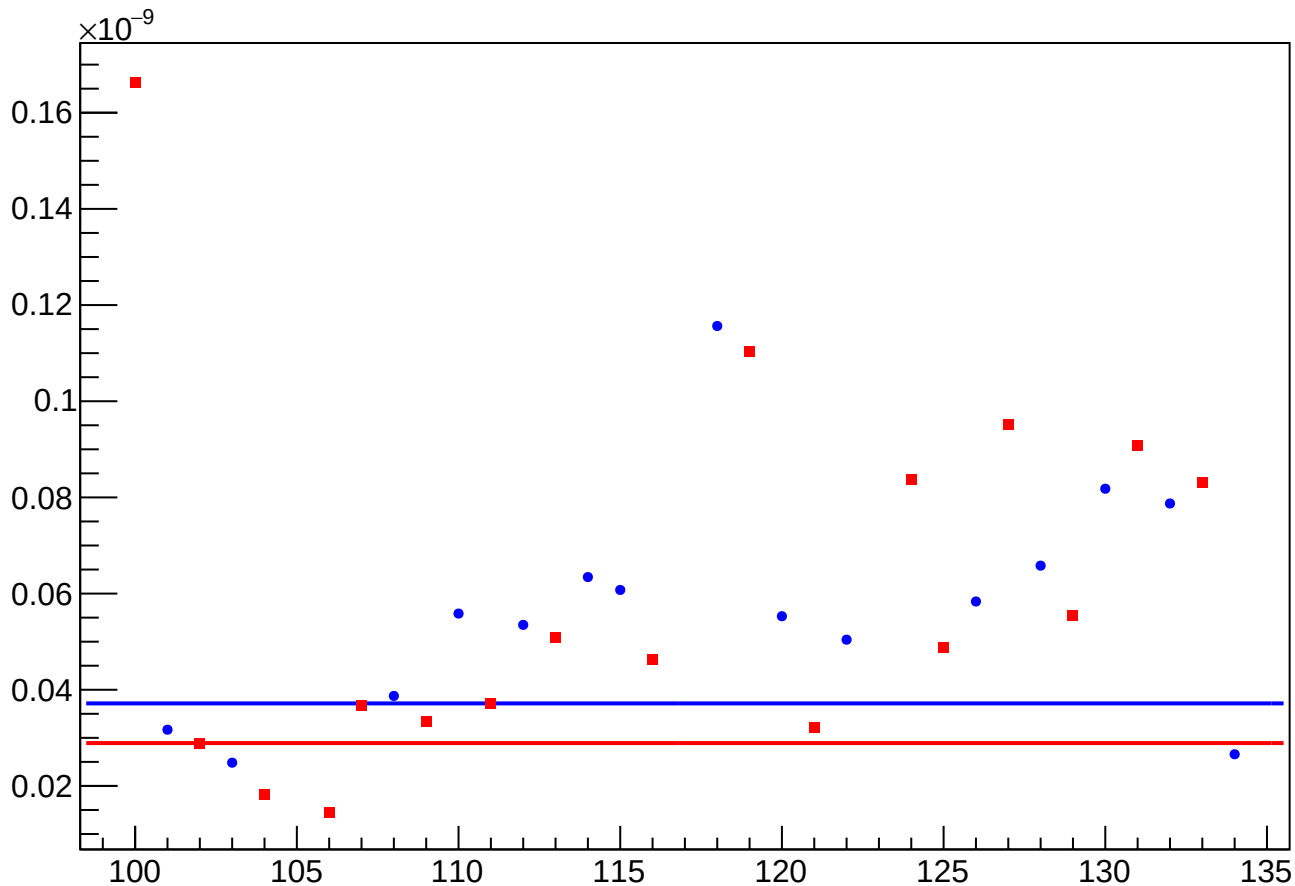
Right: -0.000+/-0.000 χ^2/NDF : 39.5/31

In: -0.000+/-0.000 χ^2/NDF :10.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.5/31

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 881776.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1454680.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

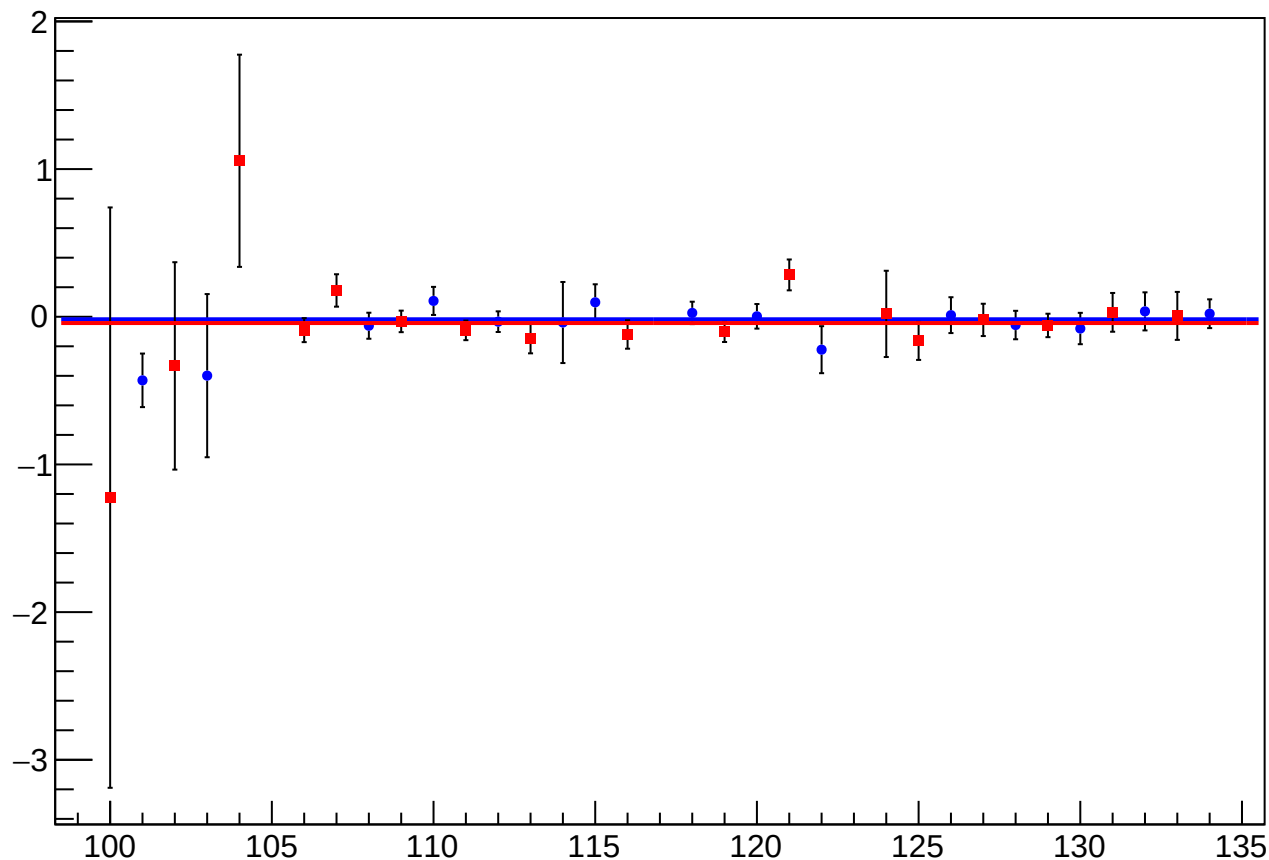
Right: 0.000+/-0.000 χ^2/NDF : 2461313.8/31

In: 0.000+/-0.000 χ^2/NDF : 881776.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2461313.8/31

asym_usr_atr1_avg_dit_vs_slug, Sign Corrected



Right In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.043 ± 0.025 χ^2/NDF : 21.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

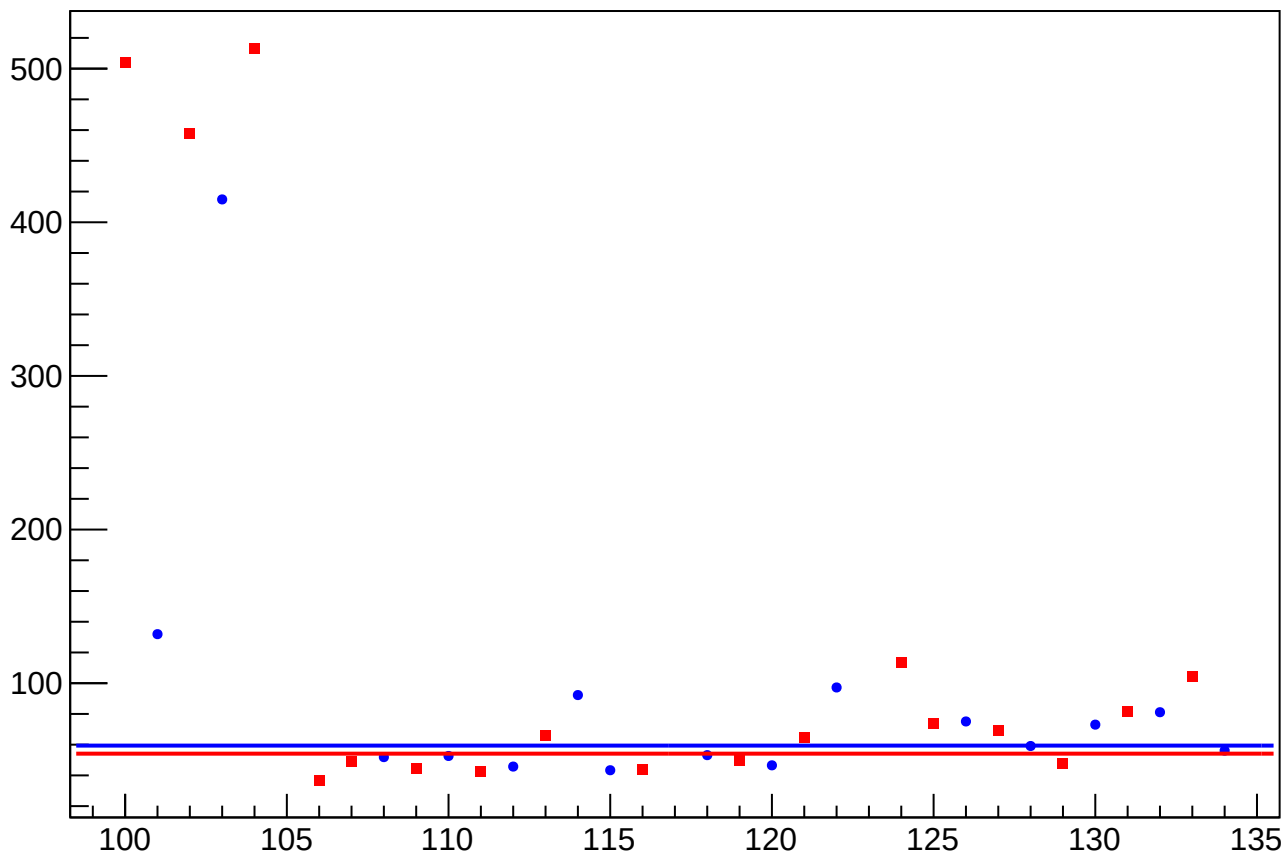
Right: -0.031 ± 0.018 χ^2/NDF : 33.5/31

In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.018 χ^2/NDF : 33.5/31

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.391+/-0.019 χ^2/NDF : 1611576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.145+/-0.018 χ^2/NDF : 2315350.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

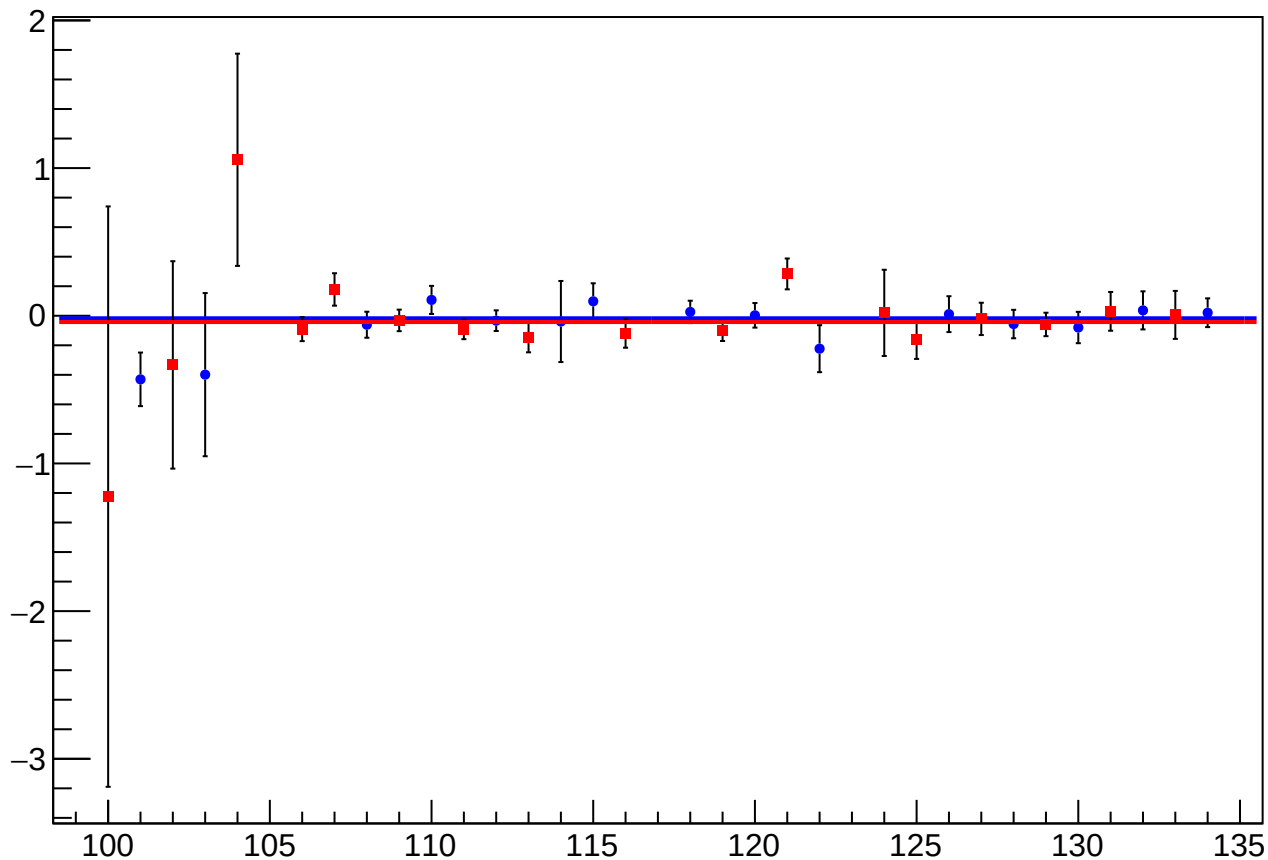
Right: 56.560+/-0.013 χ^2/NDF : 3966904.6/31

In: 59.391+/-0.019 χ^2/NDF :1611576.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.560+/-0.013 χ^2/NDF : 3966904.6/31

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.043 ± 0.025 χ^2/NDF : 21.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

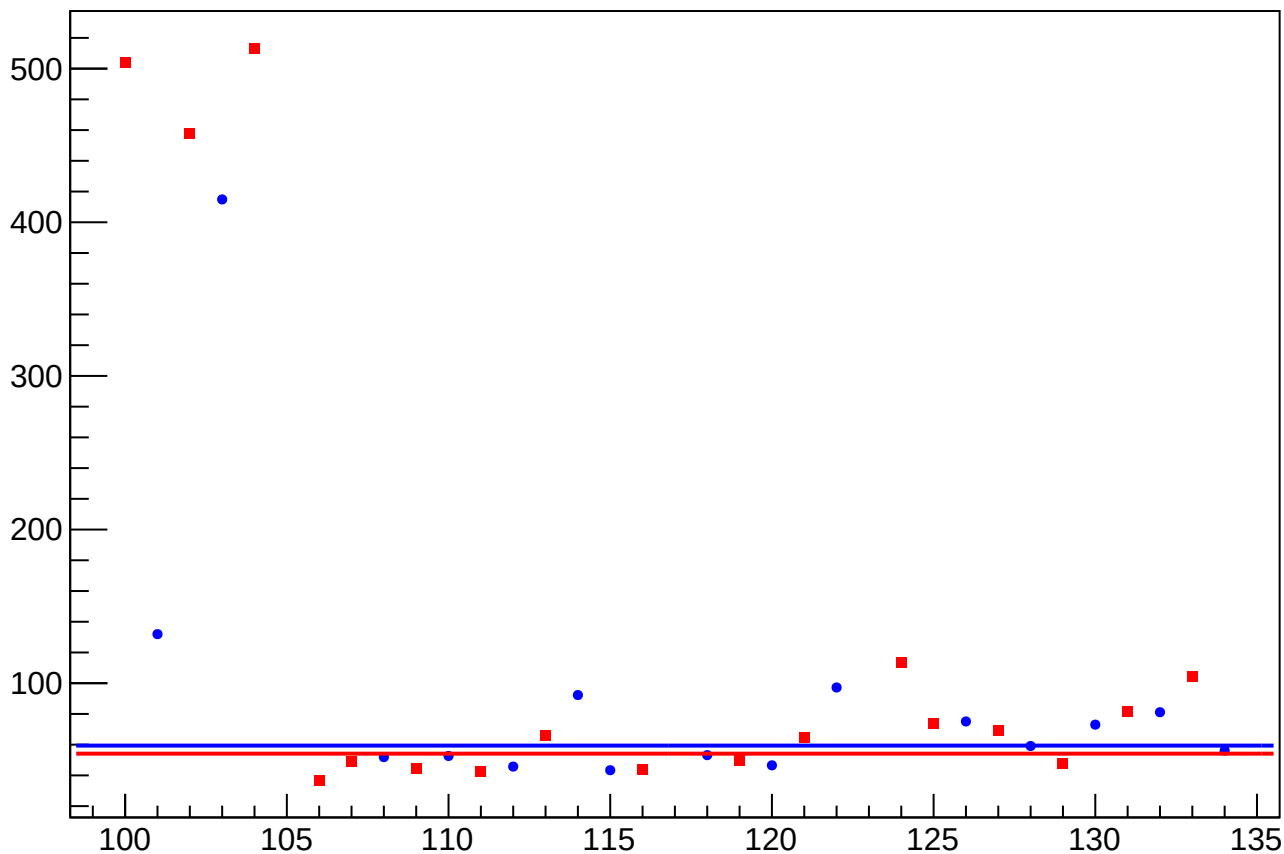
Right: -0.031 ± 0.018 χ^2/NDF : 33.5/31

In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.018 χ^2/NDF : 33.5/31

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.391+/-0.019 χ^2/NDF : 1611576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.145+/-0.018 χ^2/NDF : 2315350.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

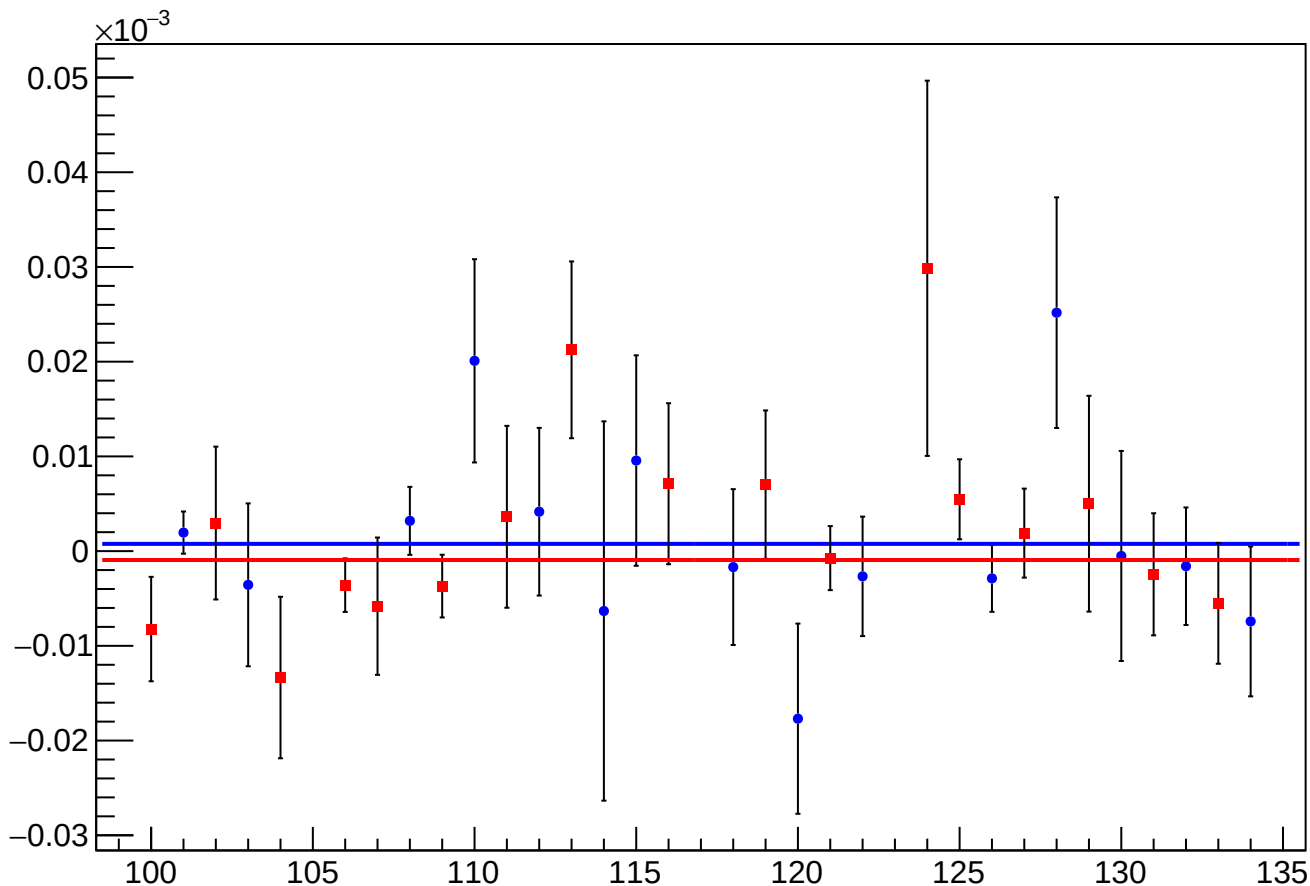
Right: 56.560+/-0.013 χ^2/NDF : 3966904.6/31

In: 59.391+/-0.019 χ^2/NDF : 1611576.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.560+/-0.013 χ^2/NDF : 3966904.6/31

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

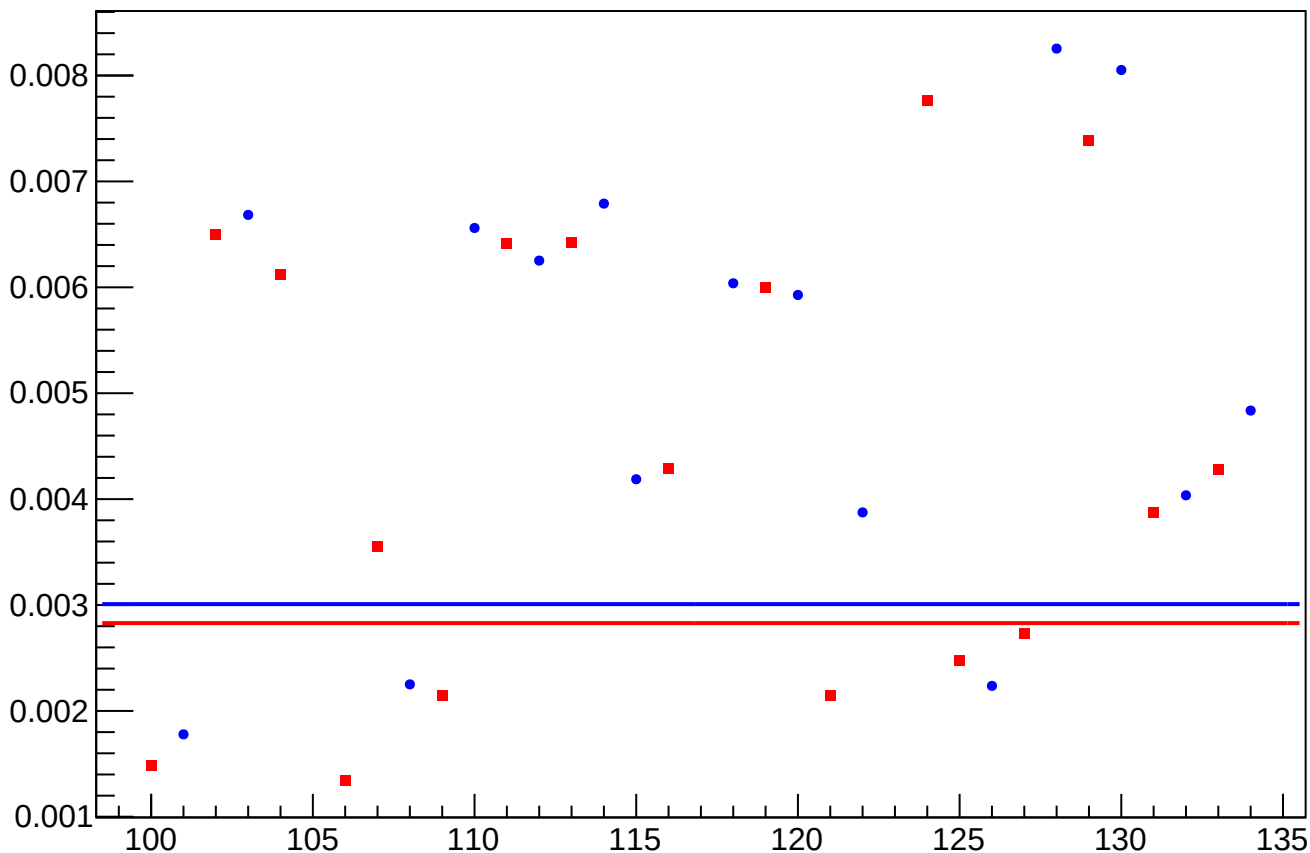
Right: -0.000+/-0.000 χ^2/NDF : 35.9/31

In: 0.000+/-0.000 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.9/31

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 3166314.6/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 3146271.2/16

Left 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 : 6330307.9/31

In: 0.003+/-0.000

χ^2/NDF :3166314.6/14

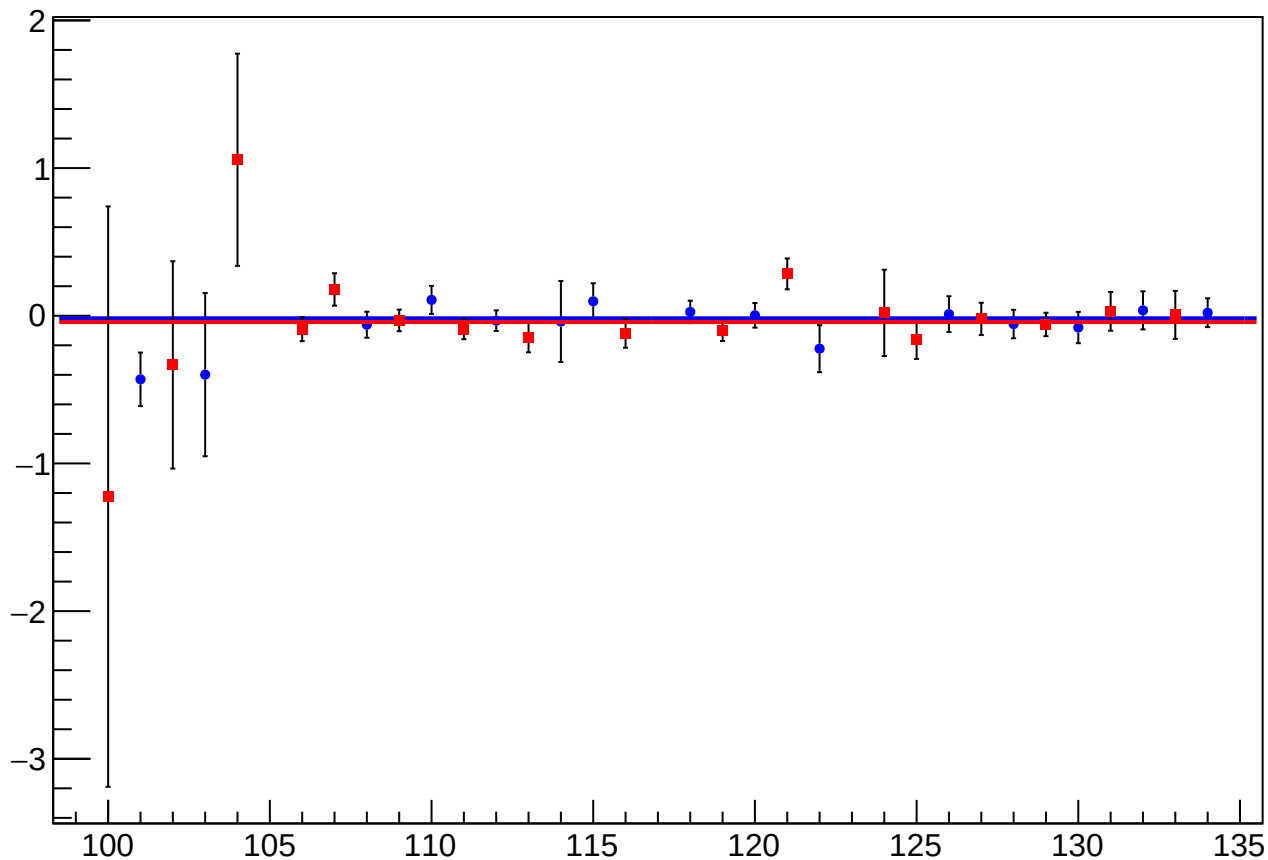
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.003+/-0.000

χ^2/NDF : 6330307.9/31

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.043 ± 0.025 χ^2/NDF : 21.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

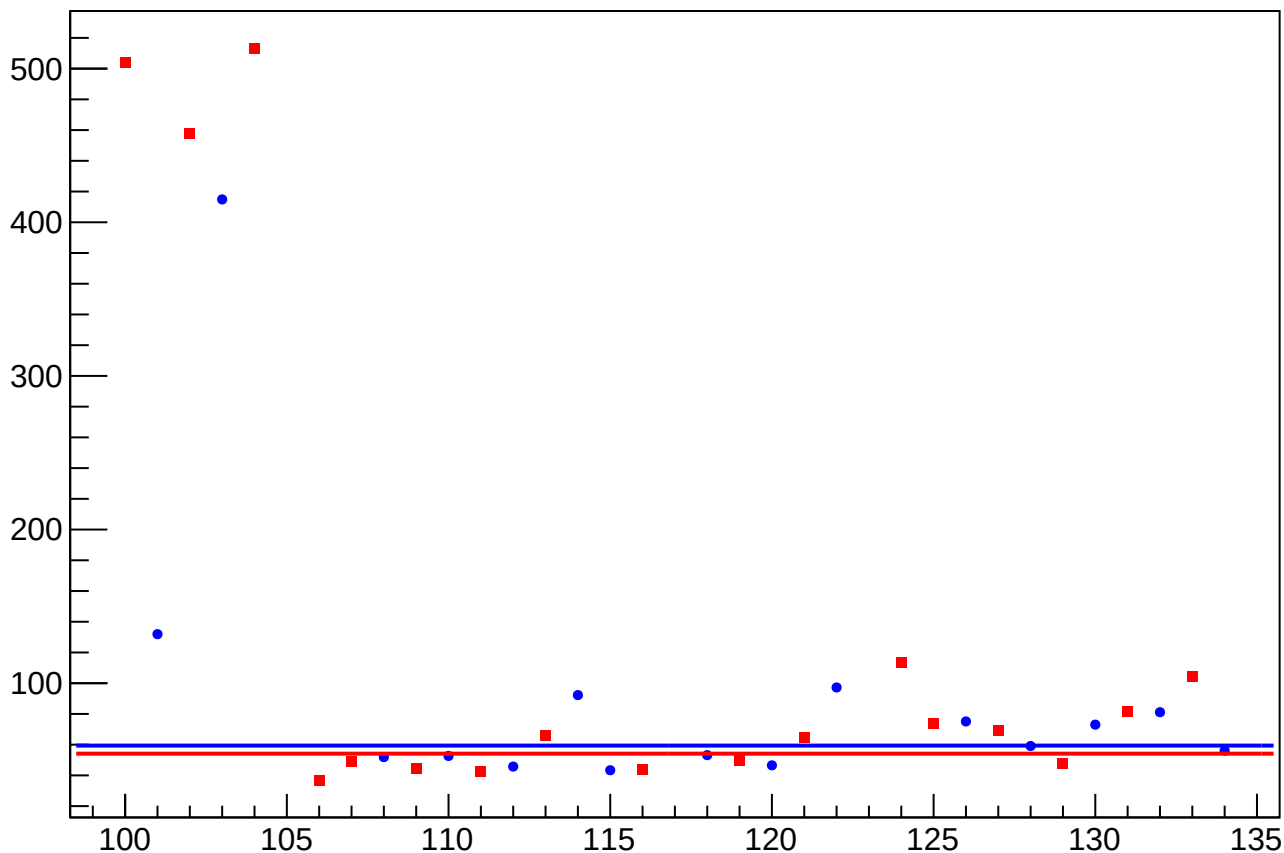
Right: -0.031 ± 0.018 χ^2/NDF : 33.5/31

In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.018 χ^2/NDF : 33.5/31

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.390+/-0.019 χ^2/NDF : 1611521.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.144+/-0.018 χ^2/NDF : 2315305.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

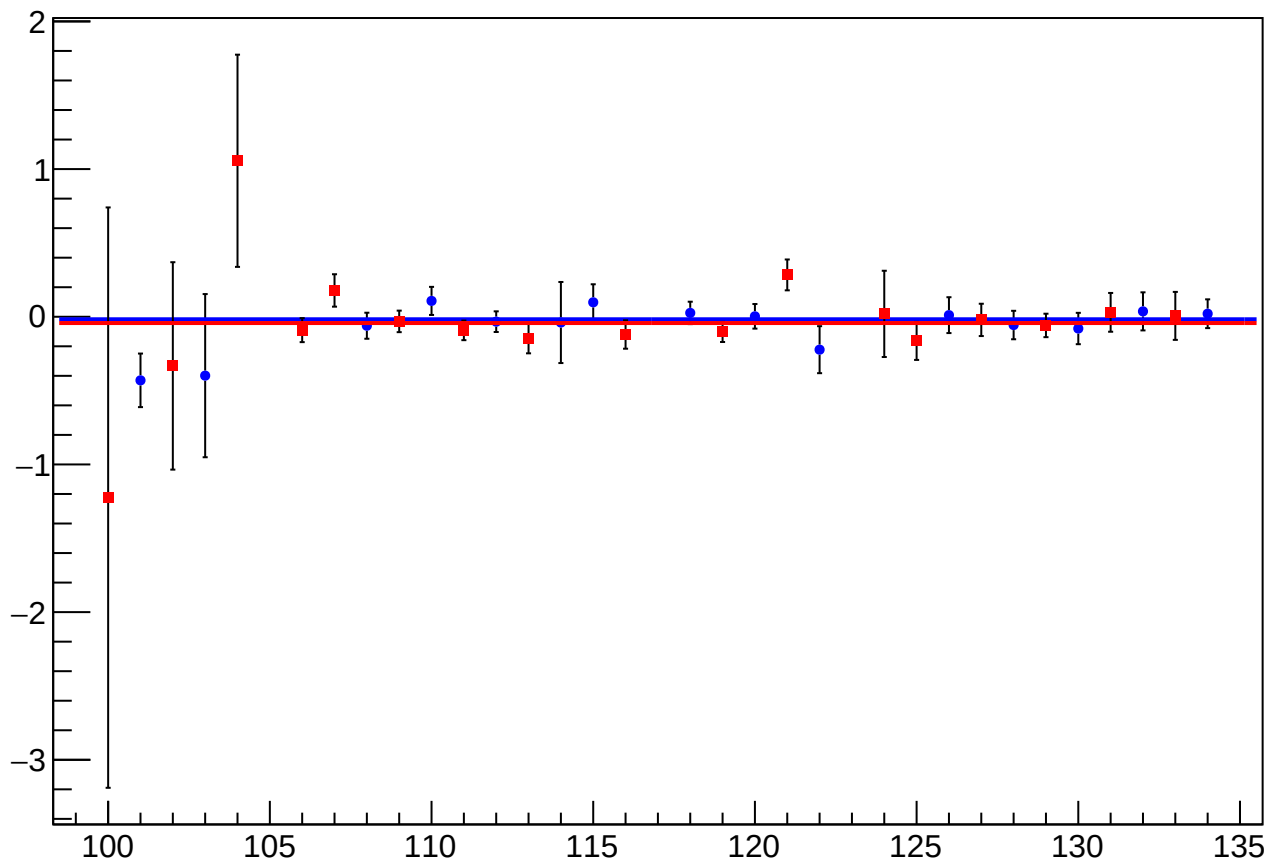
Right: 56.559+/-0.013 χ^2/NDF : 3966807.2/31

In: 59.390+/-0.019 χ^2/NDF : 1611521.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.559+/-0.013 χ^2/NDF : 3966807.2/31

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.043 ± 0.025 χ^2/NDF : 21.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

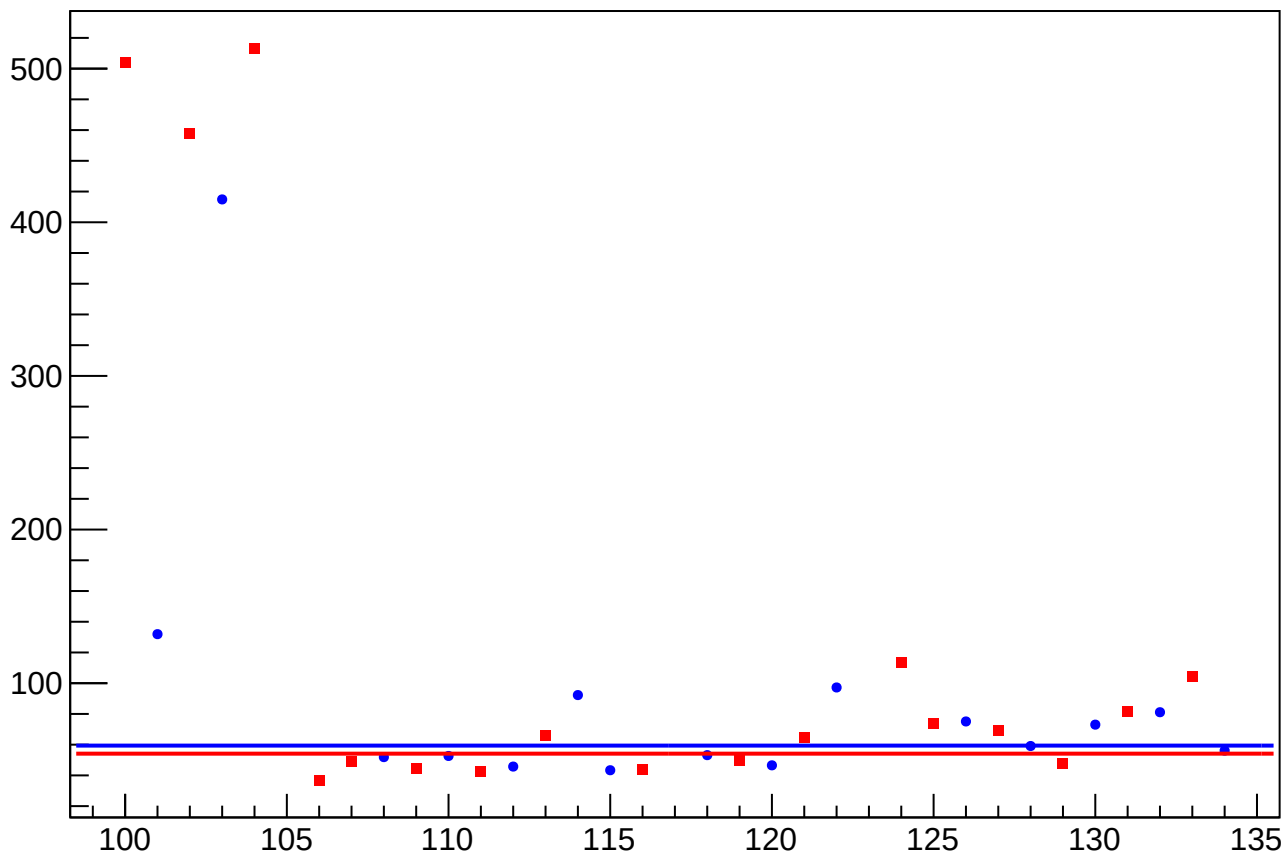
Right: -0.031 ± 0.018 χ^2/NDF : 33.5/31

In: -0.017 ± 0.027 χ^2/NDF : 11.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.018 χ^2/NDF : 33.5/31

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.390+/-0.019 χ^2/NDF : 1611521.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.144+/-0.018 χ^2/NDF : 2315305.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

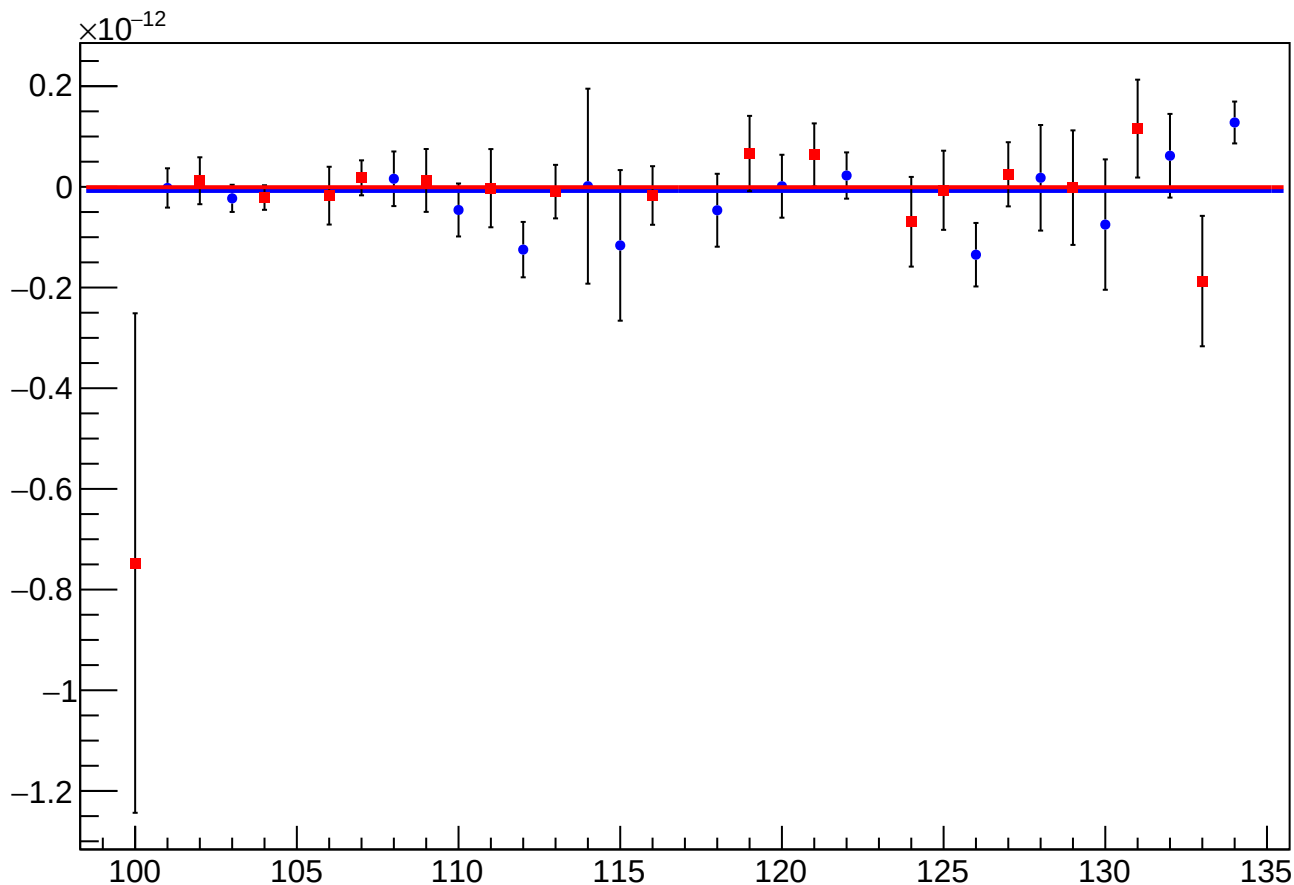
Right: 56.559+/-0.013 χ^2/NDF : 3966807.2/31

In: 59.390+/-0.019 χ^2/NDF :1611521.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.559+/-0.013 χ^2/NDF : 3966807.2/31

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

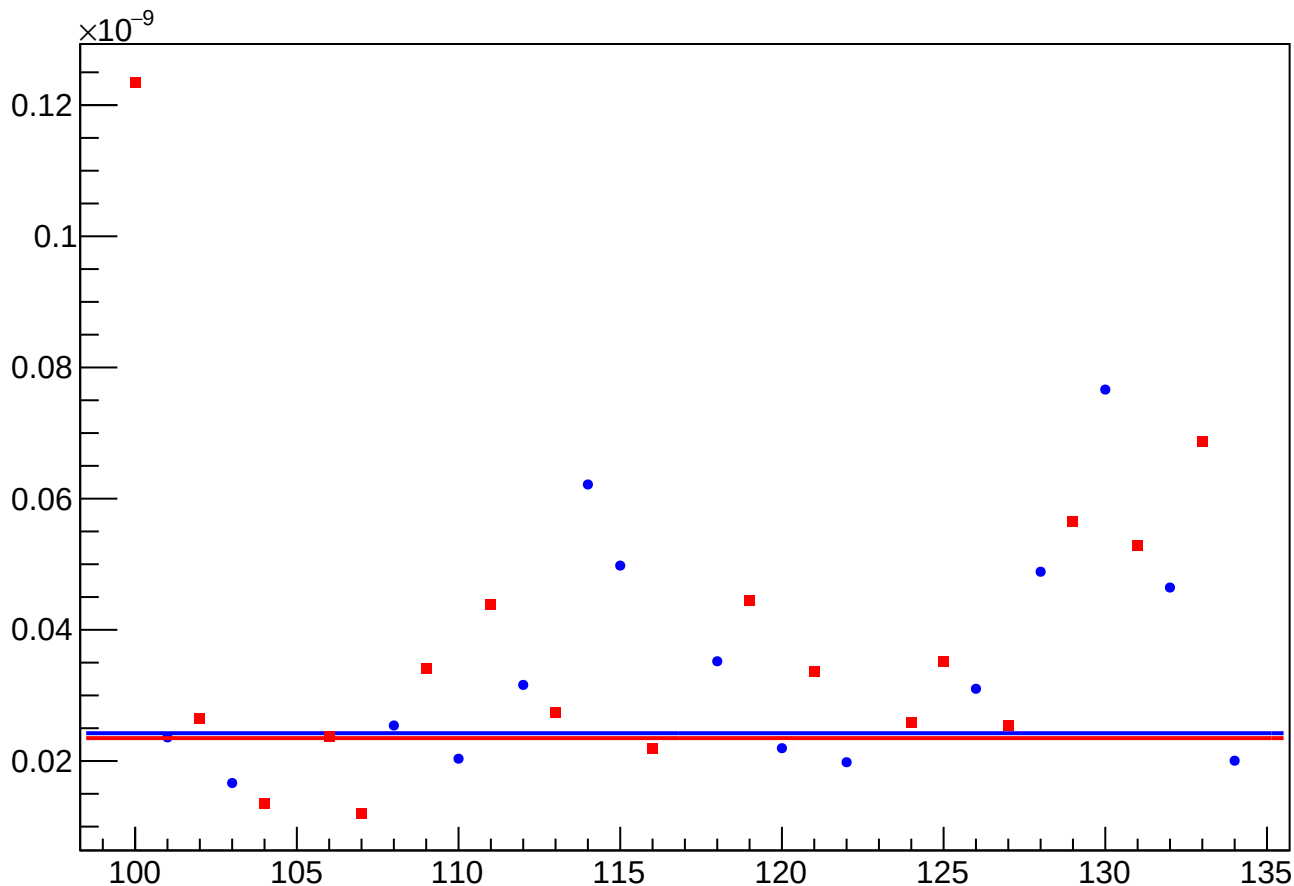
Right: -0.000+/-0.000 χ^2/NDF : 32.4/31

In: -0.000+/-0.000 χ^2/NDF : 22.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.4/31

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1032392.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1700848.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

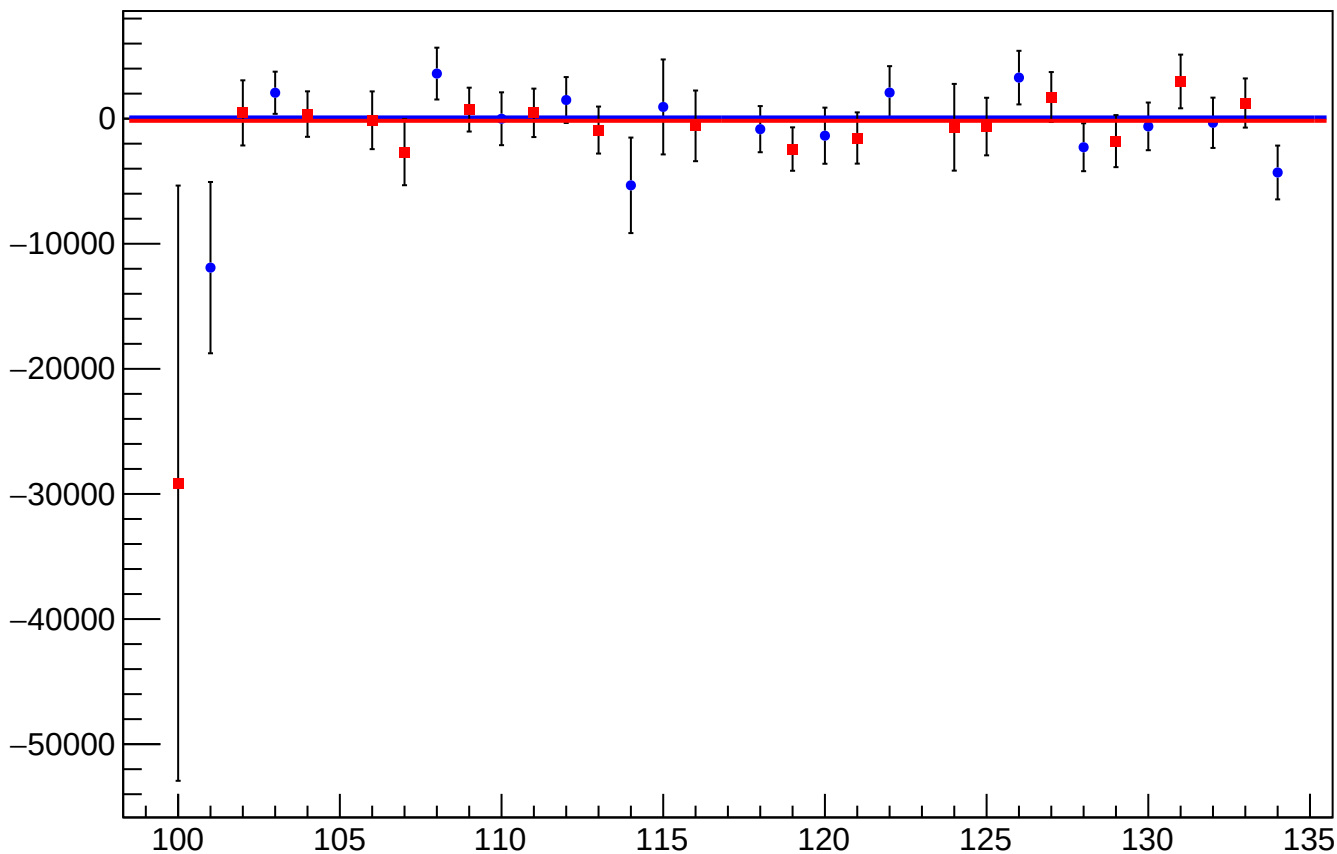
Right: 0.000+/-0.000 χ^2/NDF : 2736230.3/31

In: 0.000+/-0.000 χ^2/NDF : 1032392.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2736230.3/31

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 97.113+/-557.964 χ^2 /NDF: 19.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -171.804+/-528.255 χ^2 /NDF: 9.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

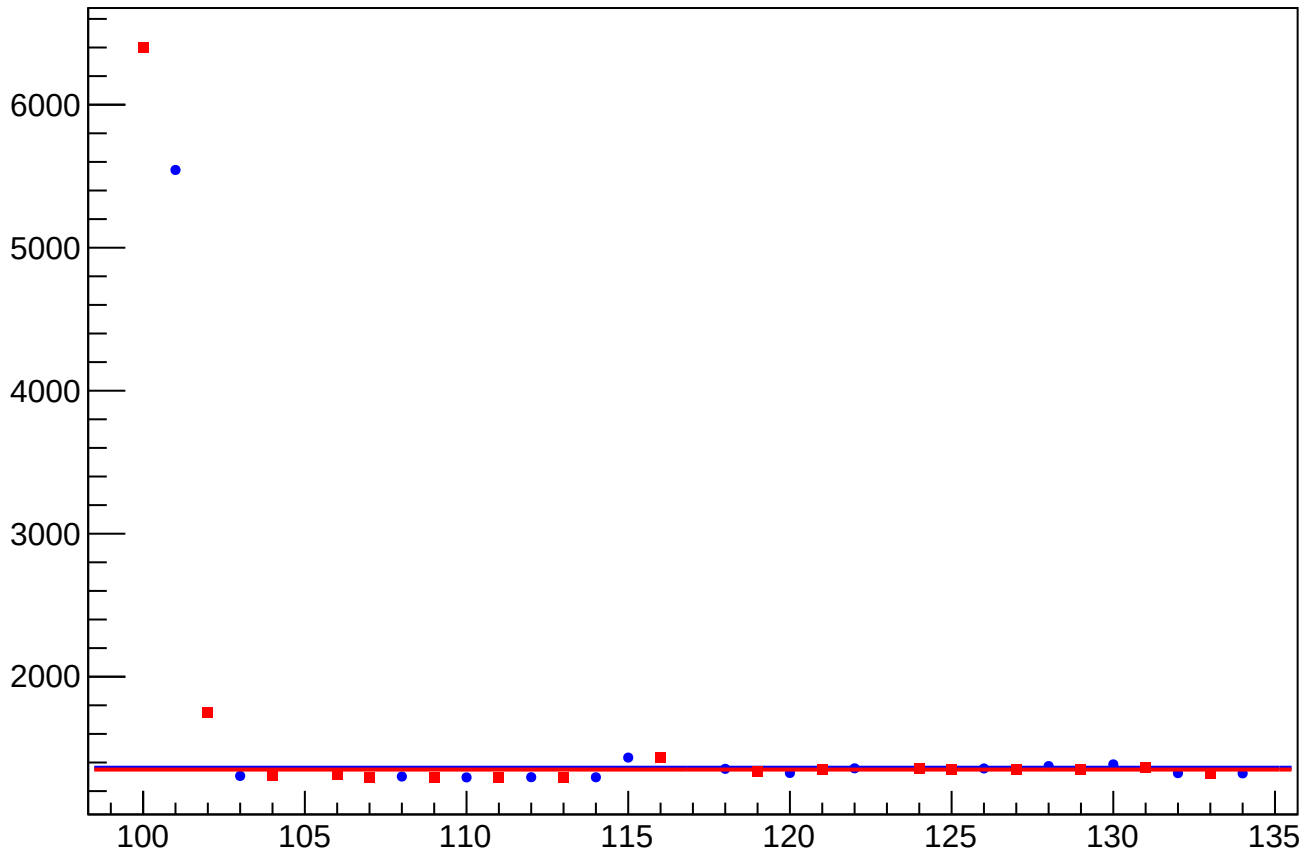
Right: -44.695+/-383.606 χ^2 /NDF: 29.2/31

In: 97.113+/-557.964 χ^2 /NDF:19.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -44.695+/-383.606 χ^2 /NDF: 29.2/31

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1363.594+/-0.395 χ^2/NDF : 757869.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.588+/-0.374 χ^2/NDF : 146964.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

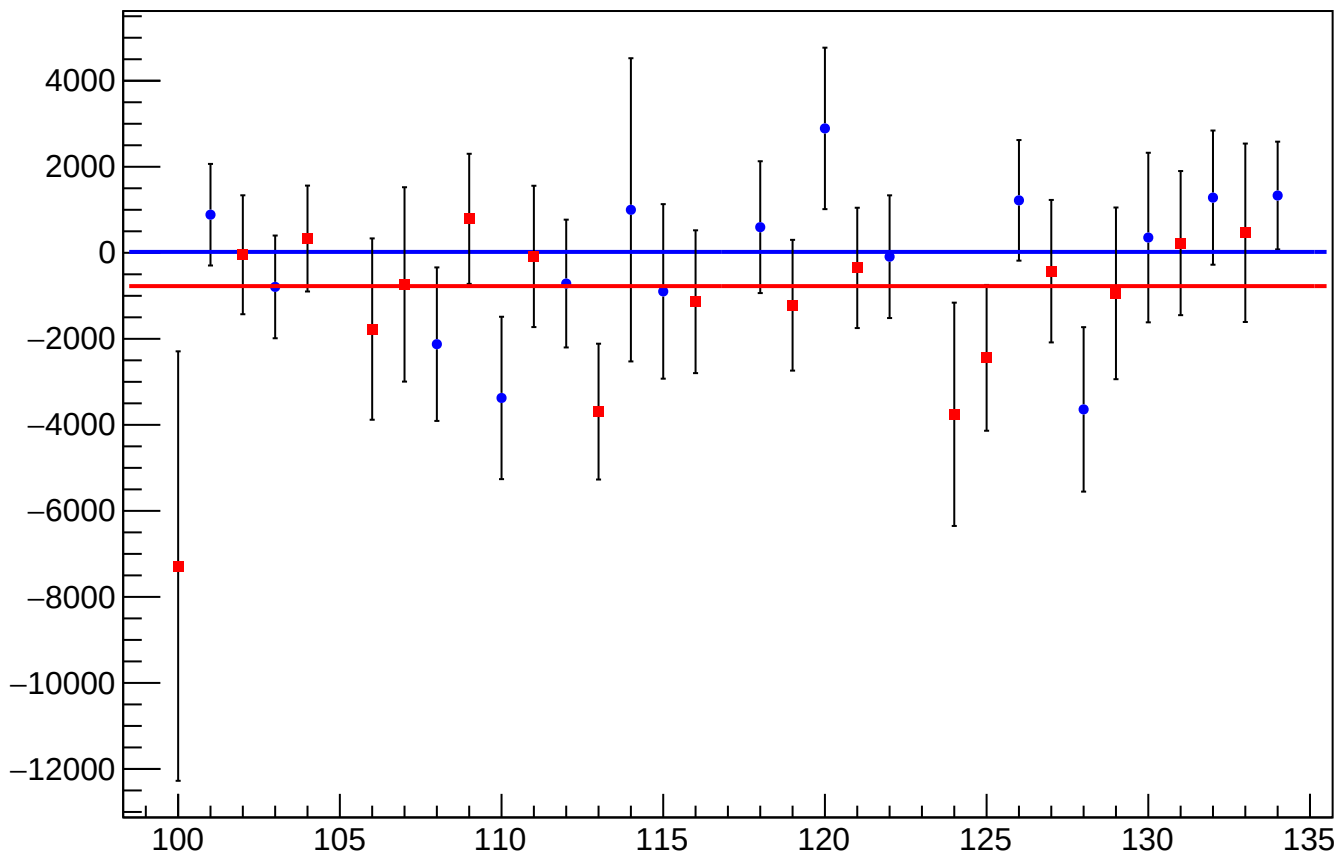
Right: 1356.736+/-0.271 χ^2/NDF : 905406.3/31

In: 1363.594+/-0.395 χ^2/NDF : 757869.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.736+/-0.271 χ^2/NDF : 905406.3/31

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 20.699+/-405.594 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -774.315+/-413.073 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

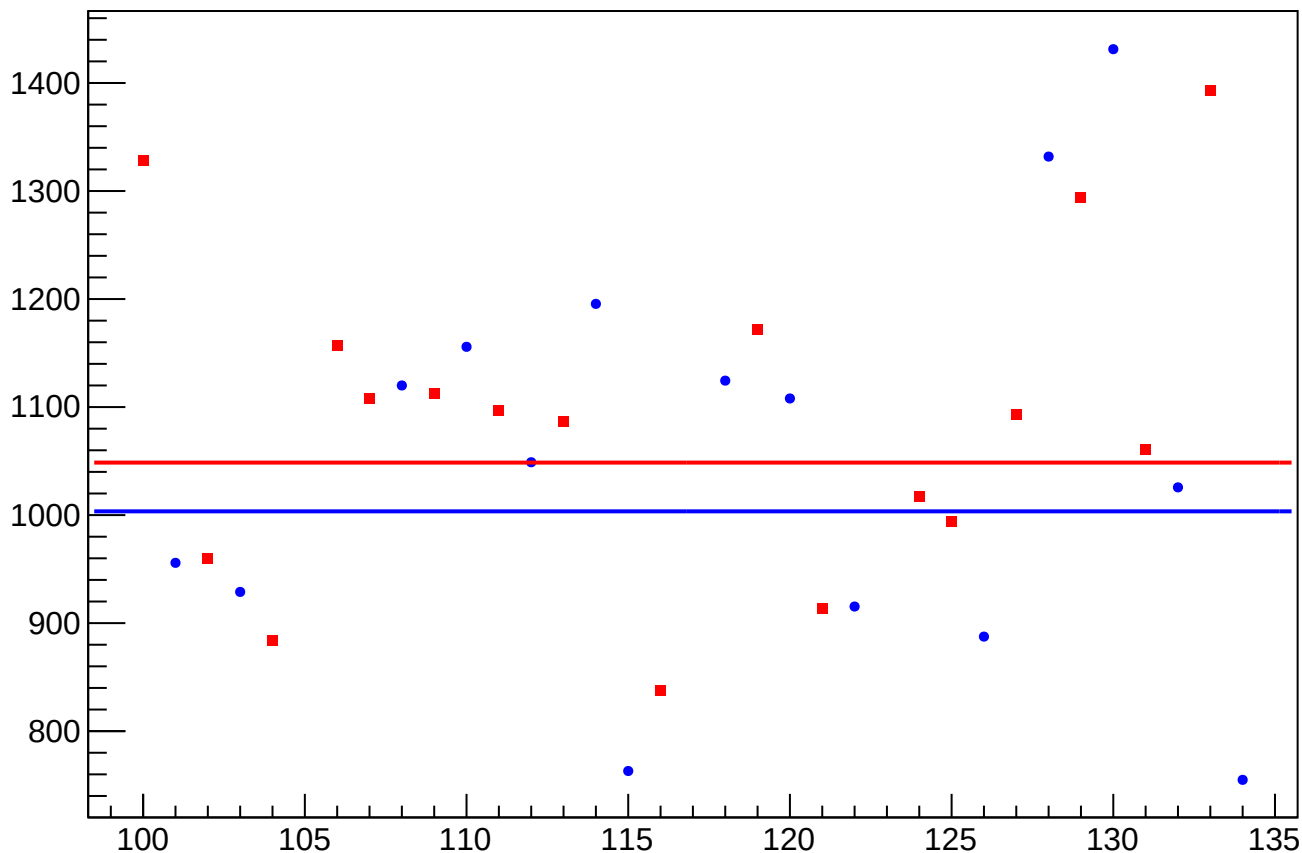
Right: -369.546+/-289.406 χ^2/NDF : 27.7/31

In: 20.699+/-405.594 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.546+/-289.406 χ^2/NDF : 27.7/31

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1003.478+/-0.287 χ^2/NDF : 340856.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1048.607+/-0.292 χ^2/NDF : 217011.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

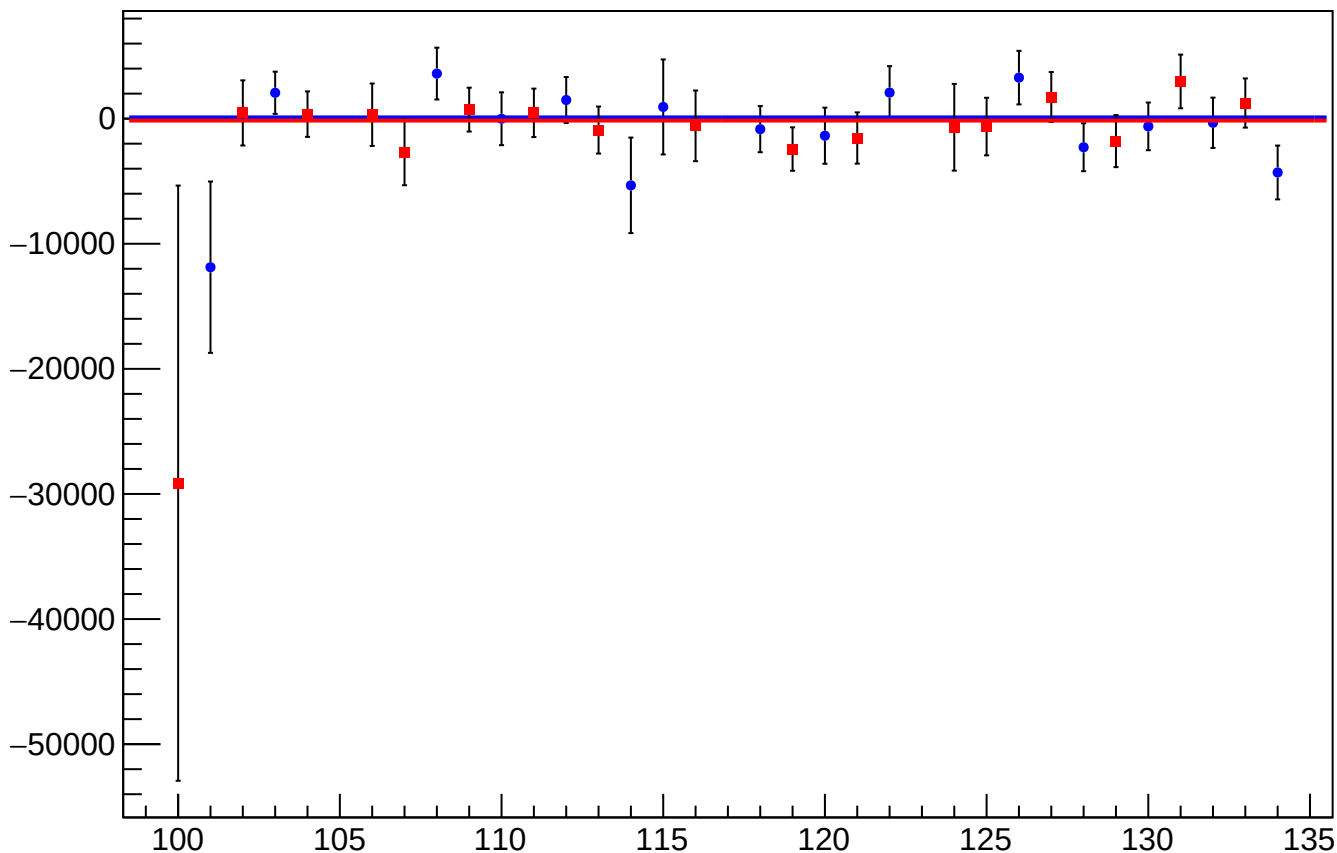
Right: 1025.630+/-0.205 χ^2/NDF : 570022.5/31

In: 1003.478+/-0.287 χ^2/NDF :340856.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1025.630+/-0.205 χ^2/NDF : 570022.5/31

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 97.478+/-557.964 χ^2/NDF : 19.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.492+/-530.261 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

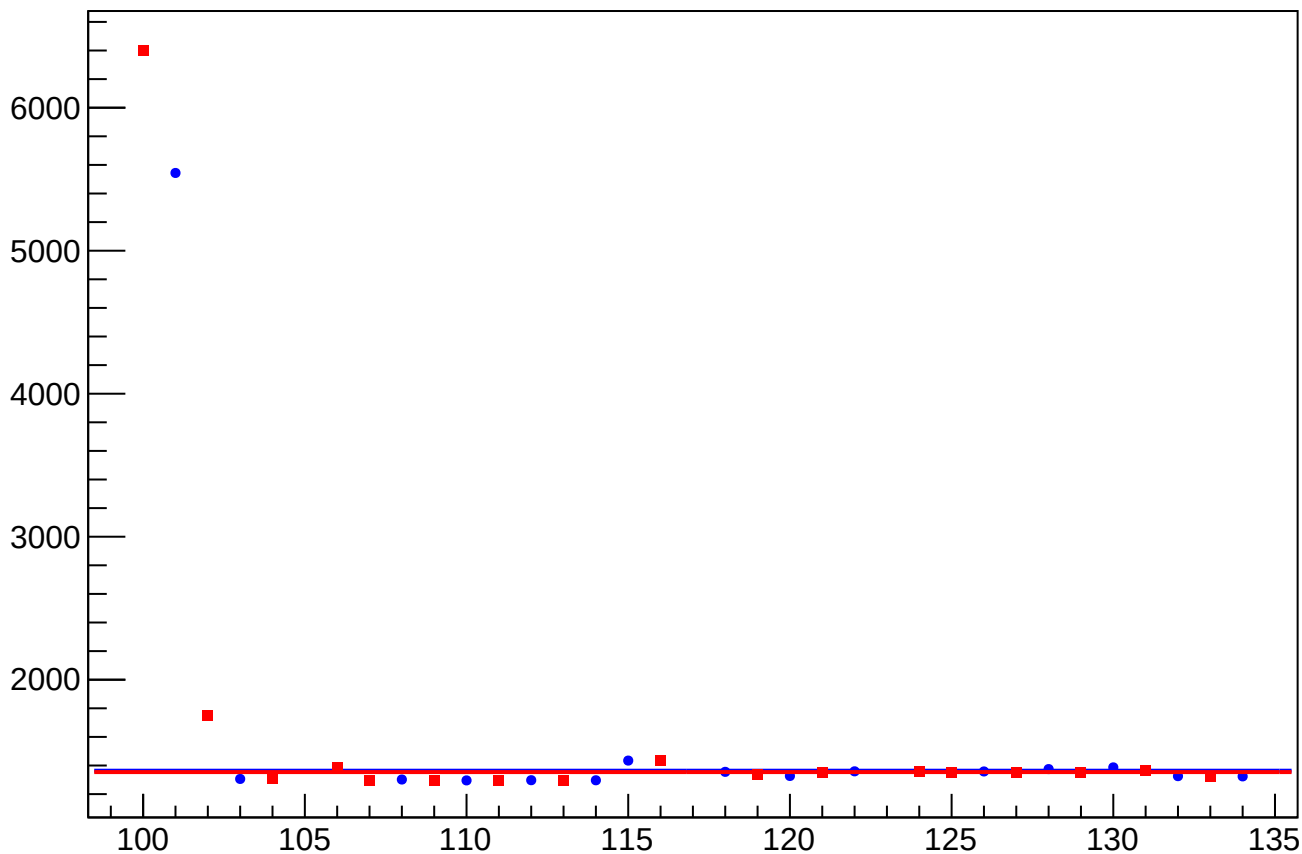
Right: -33.866+/-384.372 χ^2/NDF : 29.2/31

In: 97.478+/-557.964 χ^2/NDF : 19.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.866+/-384.372 χ^2/NDF : 29.2/31

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1363.594+/-0.395 χ^2/NDF : 757868.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.059+/-0.375 χ^2/NDF : 146936.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

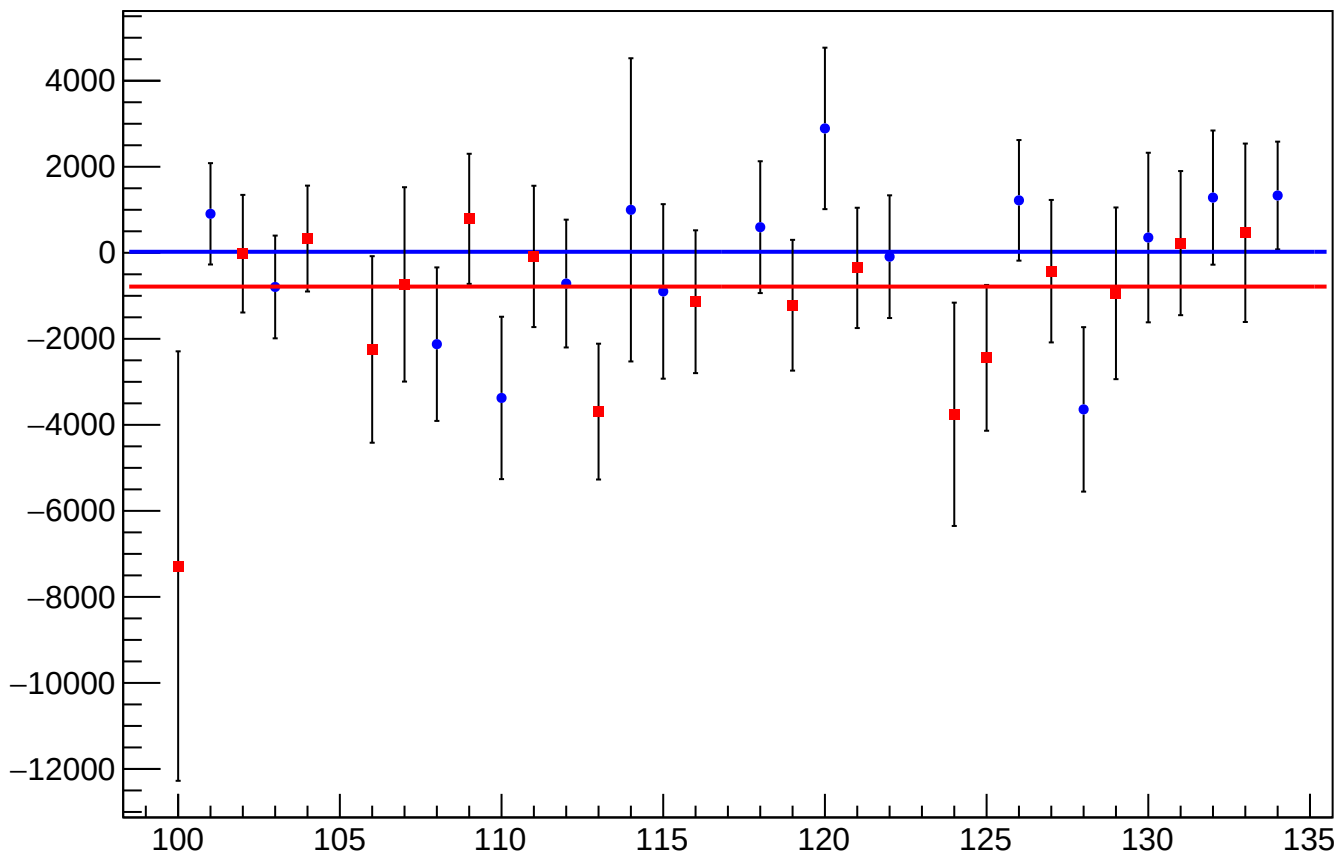
Right: 1358.584+/-0.272 χ^2/NDF : 905111.4/31

In: 1363.594+/-0.395 χ^2/NDF : 757868.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.584+/-0.272 χ^2/NDF : 905111.4/31

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.499+/-405.494 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -785.702+/-413.086 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

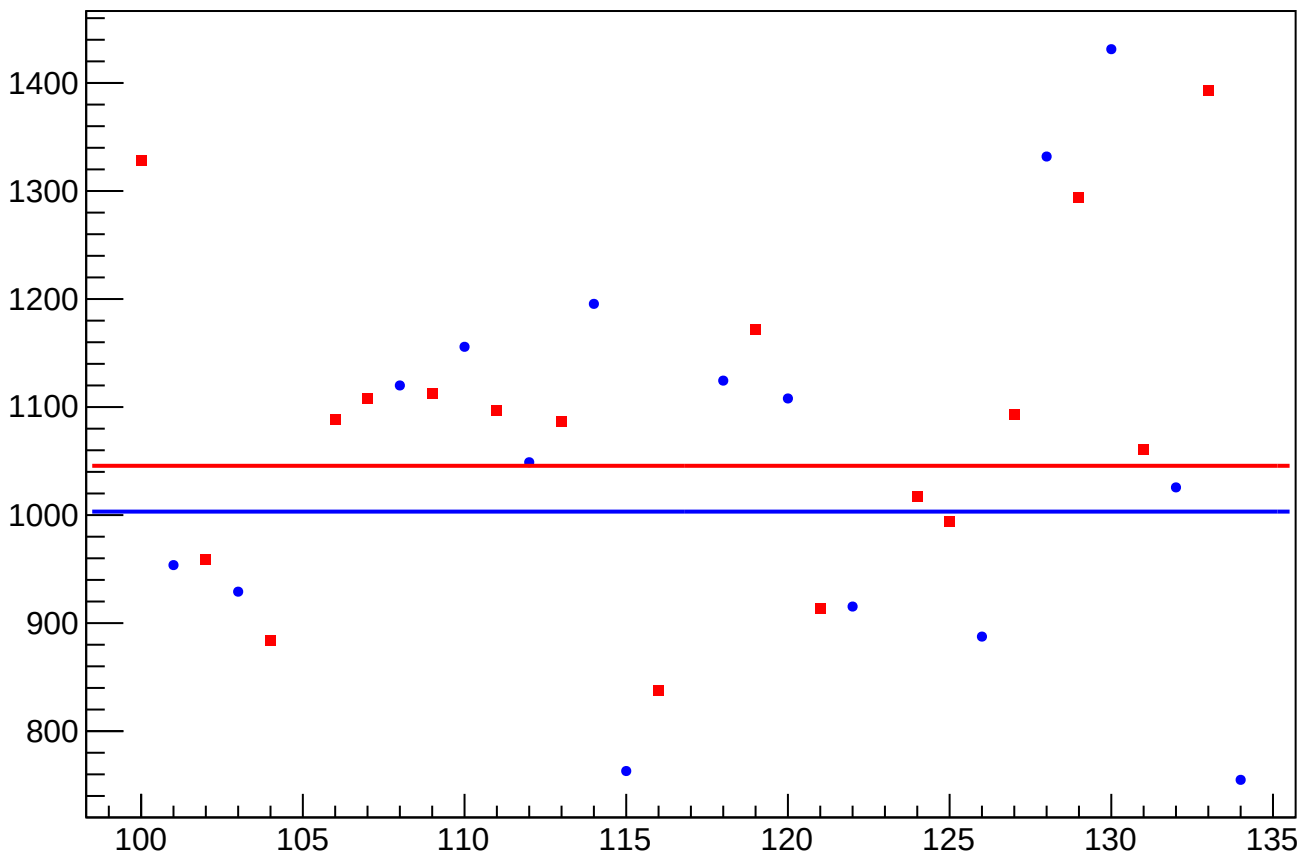
Right: -373.598+/-289.374 χ^2/NDF : 28.1/31

In: 23.499+/-405.494 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.598+/-289.374 χ^2/NDF : 28.1/31

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1003.227+/-0.287 χ^2/NDF : 341125.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.622+/-0.292 χ^2/NDF : 212675.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

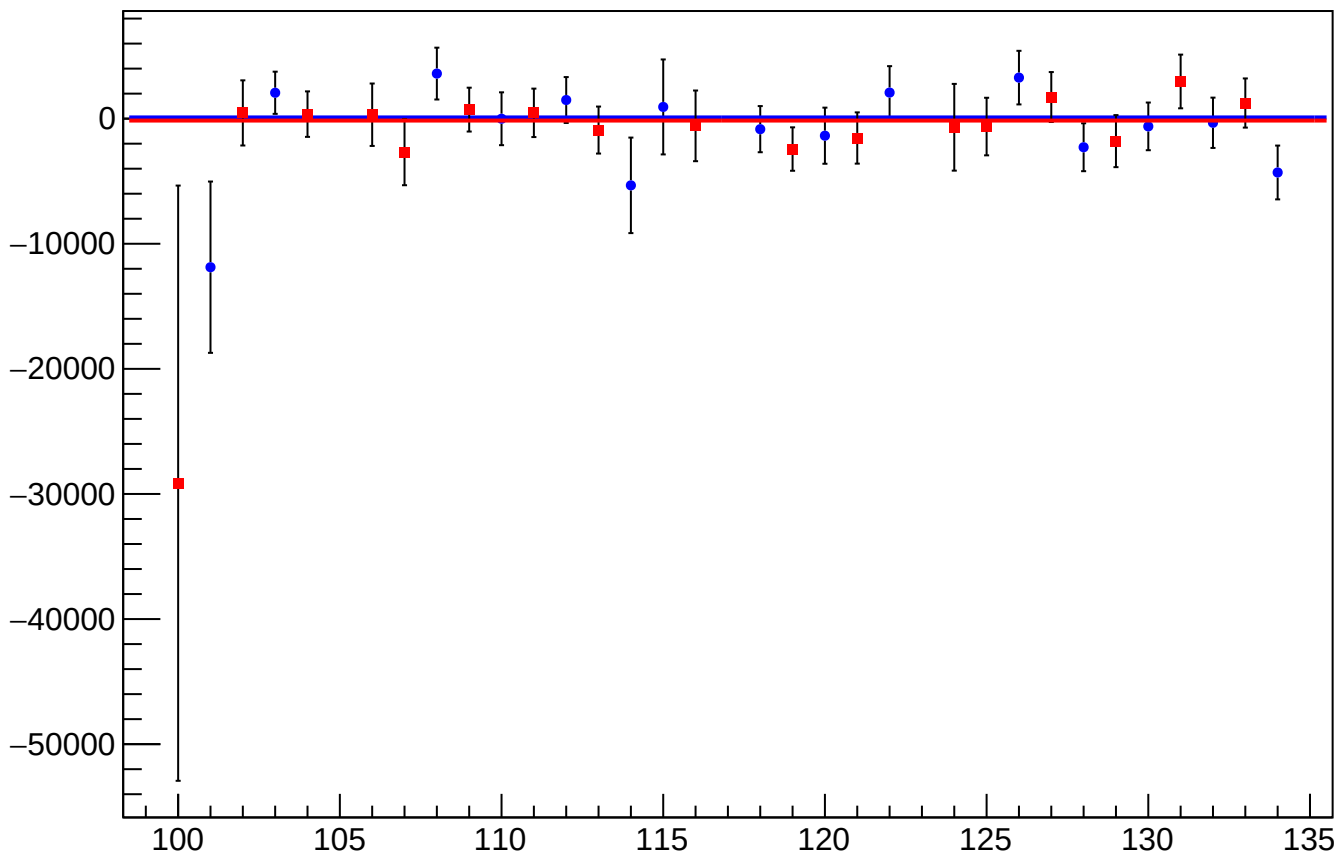
Right: 1024.031+/-0.205 χ^2/NDF : 564529.5/31

In: 1003.227+/-0.287 χ^2/NDF : 341125.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.031+/-0.205 χ^2/NDF : 564529.5/31

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 97.478+/-557.964 χ^2/NDF : 19.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.492+/-530.261 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

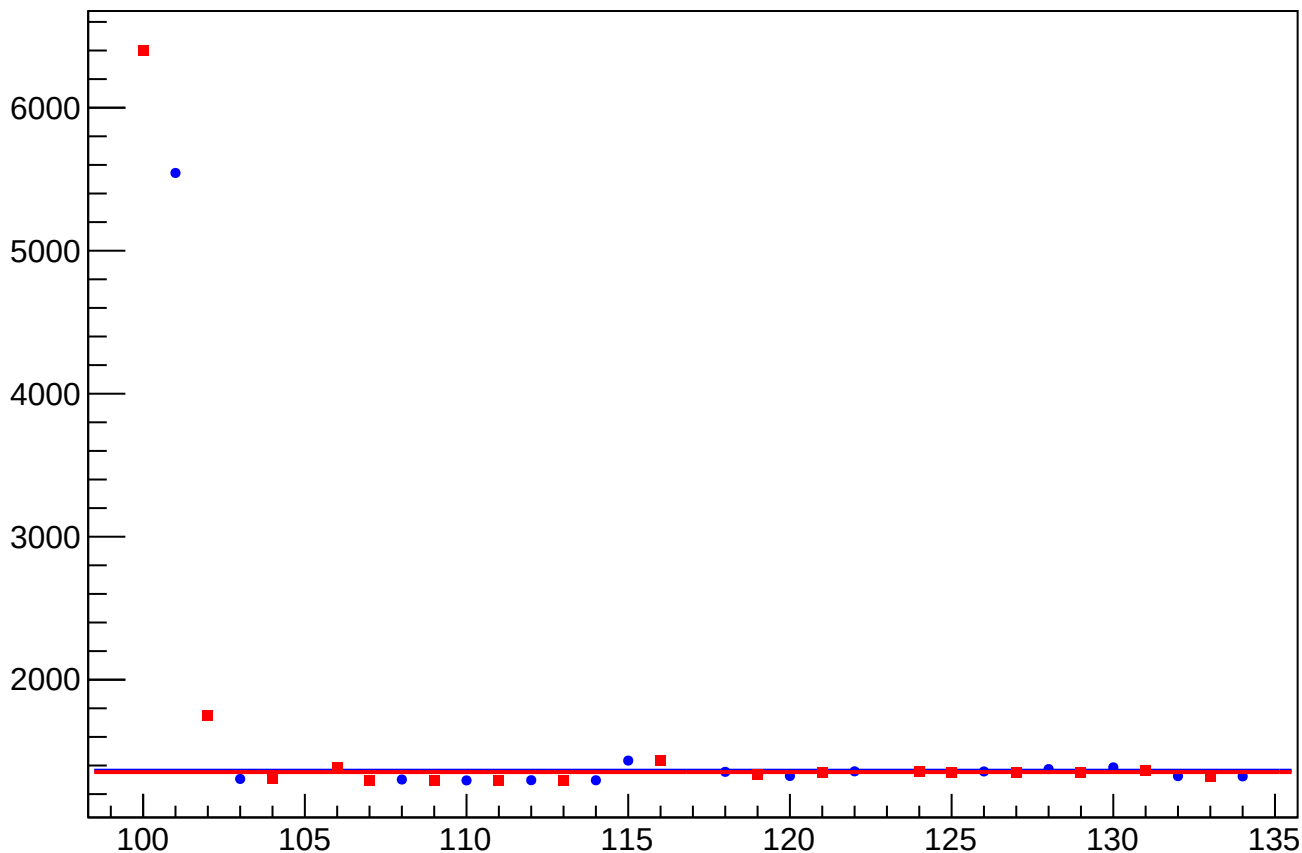
Right: -33.866+/-384.372 χ^2/NDF : 29.2/31

In: 97.478+/-557.964 χ^2/NDF : 19.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.866+/-384.372 χ^2/NDF : 29.2/31

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1363.594+/-0.395 χ^2/NDF : 757868.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.059+/-0.375 χ^2/NDF : 146936.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

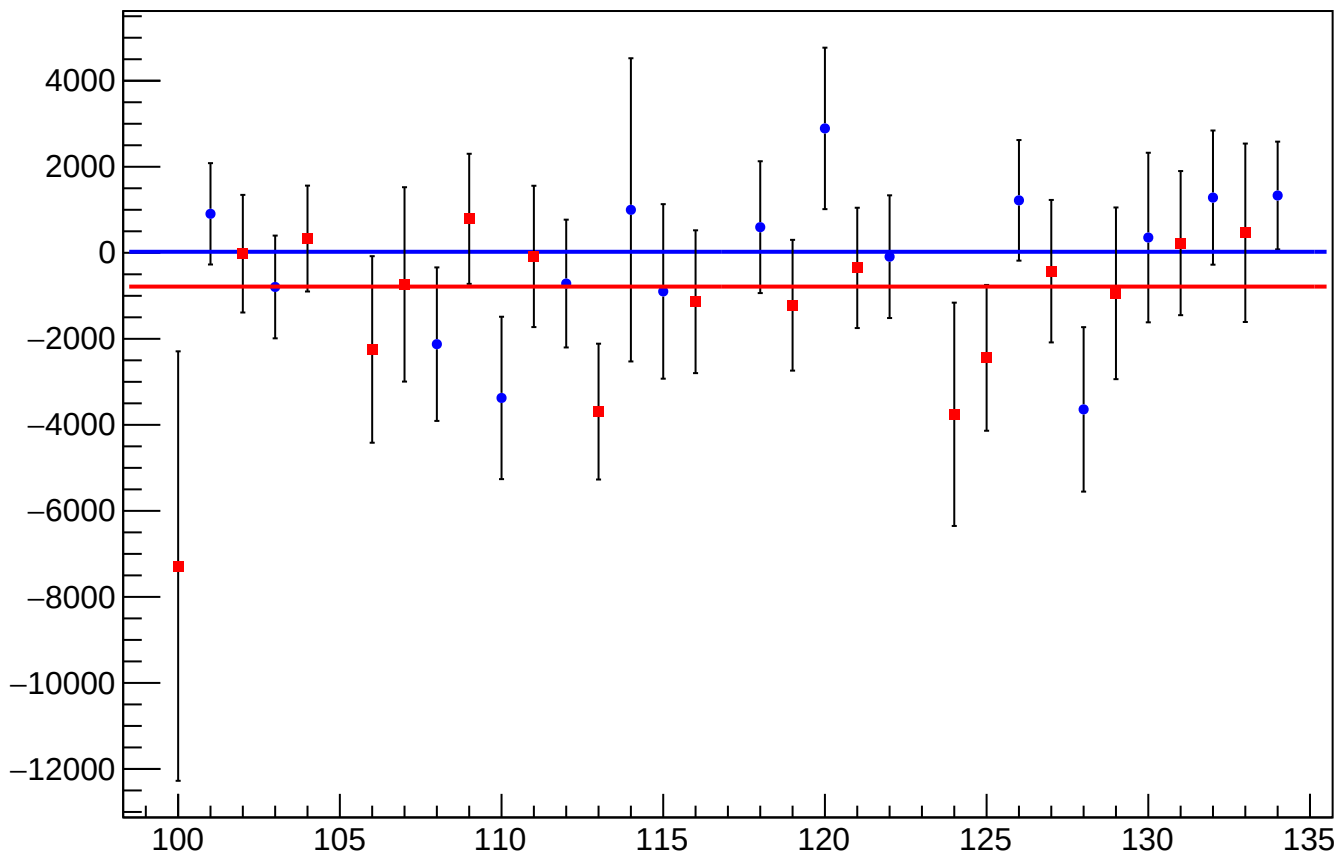
Right: 1358.584+/-0.272 χ^2/NDF : 905111.4/31

In: 1363.594+/-0.395 χ^2/NDF : 757868.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.584+/-0.272 χ^2/NDF : 905111.4/31

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.499+/-405.494 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -785.702+/-413.086 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

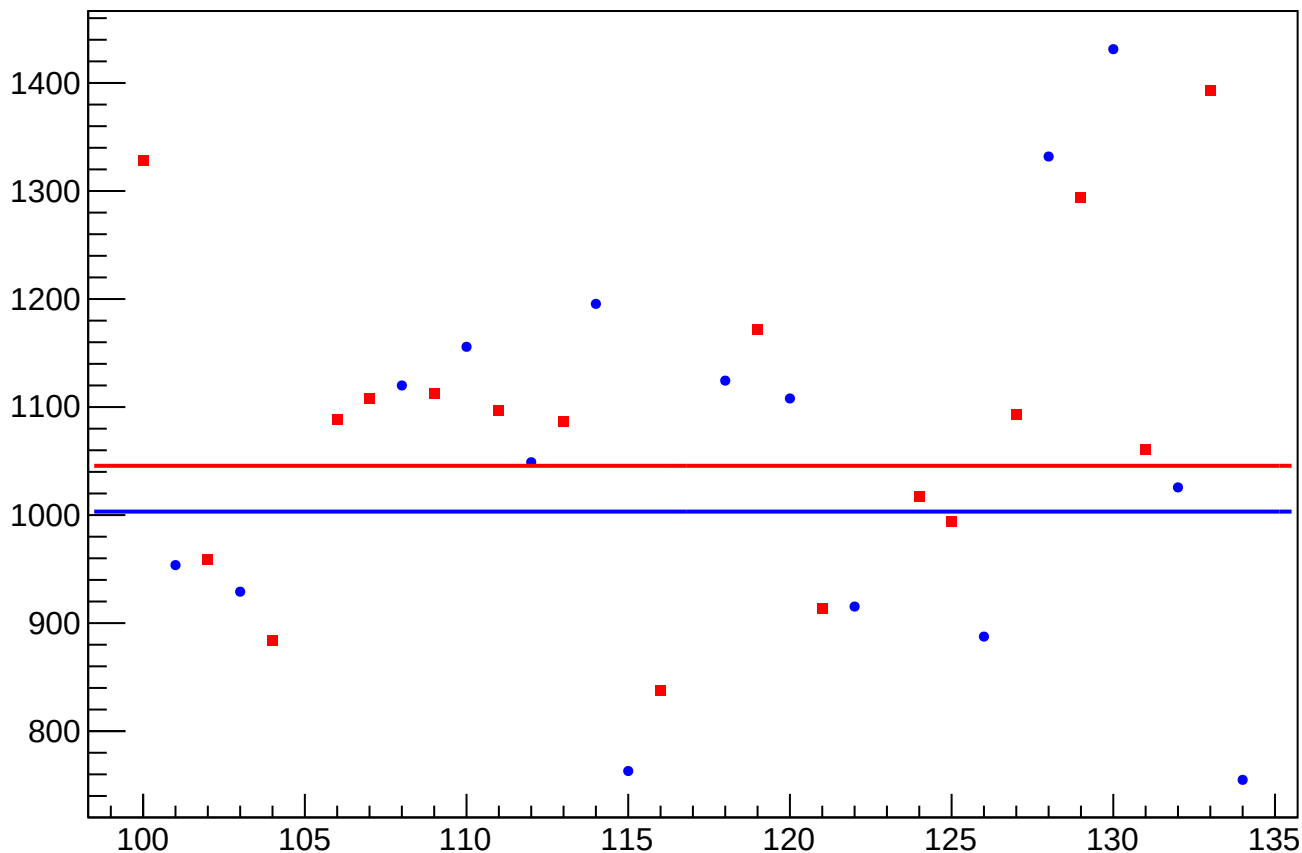
Right: -373.598+/-289.374 χ^2/NDF : 28.1/31

In: 23.499+/-405.494 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.598+/-289.374 χ^2/NDF : 28.1/31

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1003.227+/-0.287 χ^2/NDF : 341125.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.622+/-0.292 χ^2/NDF : 212675.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

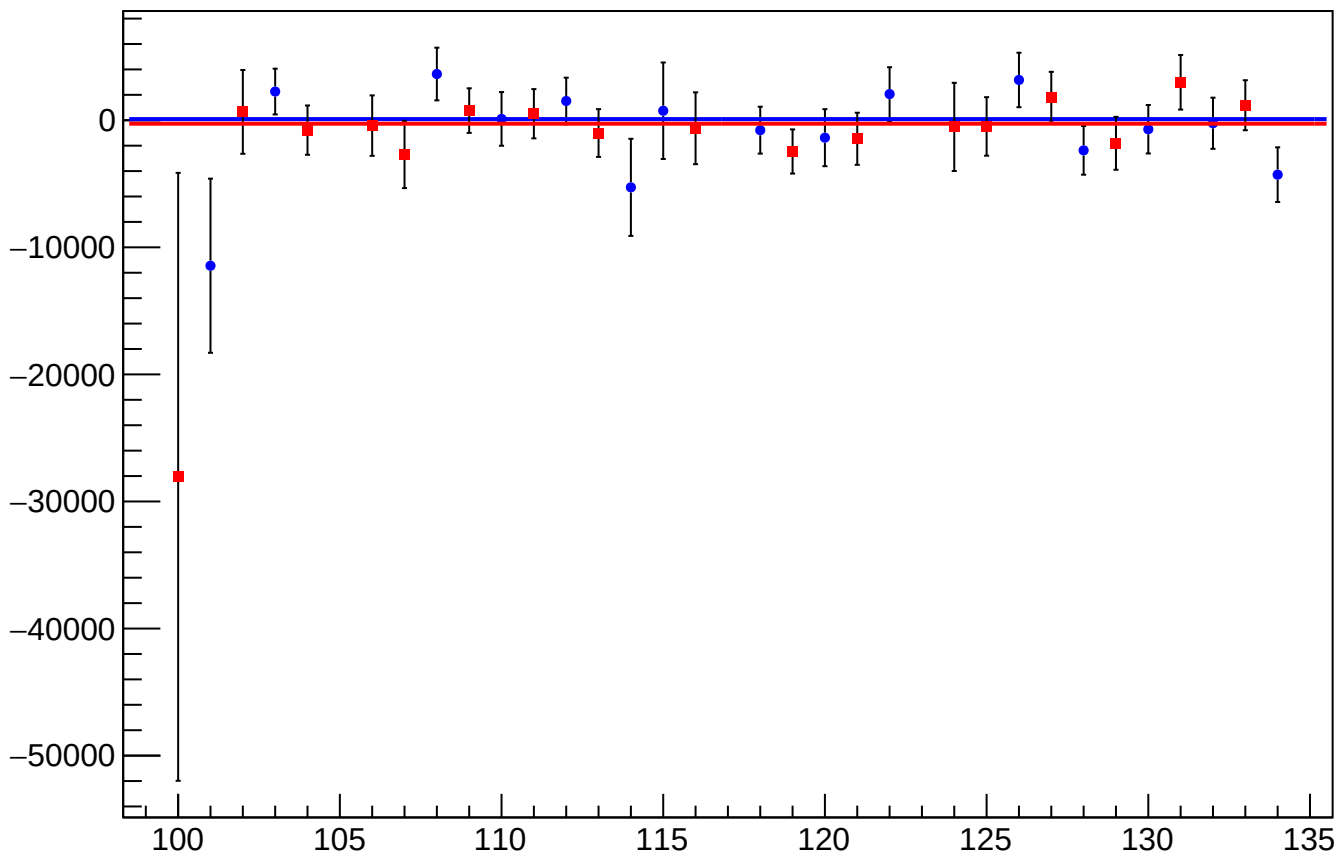
Right: 1024.031+/-0.205 χ^2/NDF : 564529.5/31

In: 1003.227+/-0.287 χ^2/NDF : 341125.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.031+/-0.205 χ^2/NDF : 564529.5/31

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 91.393+/-562.118 χ^2/NDF : 19.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -270.604+/-536.351 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

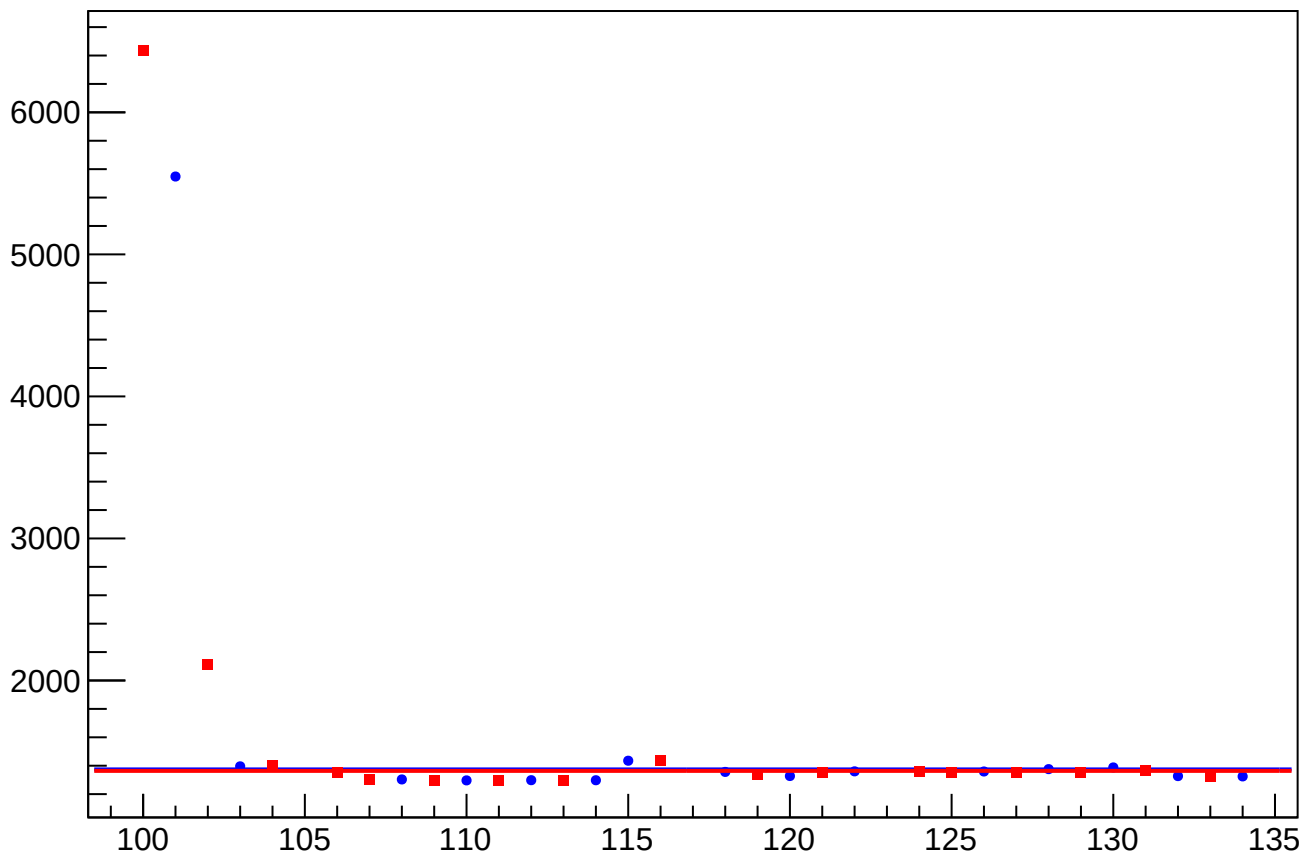
Right: -98.092+/-388.047 χ^2/NDF : 29.0/31

In: 91.393+/-562.118 χ^2/NDF : 19.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.092+/-388.047 χ^2/NDF : 29.0/31

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1373.886+/-0.397 χ^2/NDF : 755623.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.642+/-0.379 χ^2/NDF : 204648.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

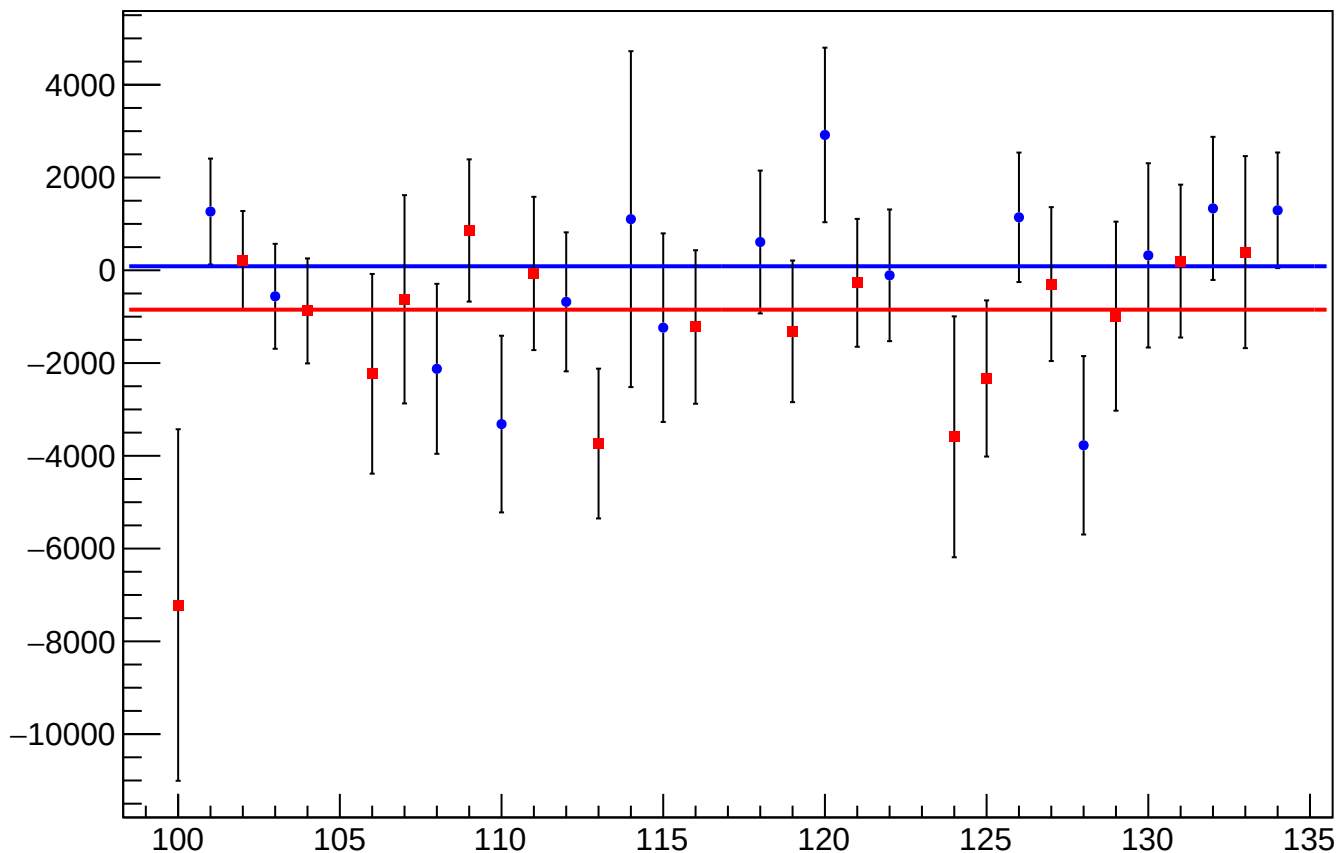
Right: 1368.524+/-0.274 χ^2/NDF : 960619.6/31

In: 1373.886+/-0.397 χ^2/NDF : 755623.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.524+/-0.274 χ^2/NDF : 960619.6/31

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 86.855+/-402.045 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -849.098+/-396.964 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

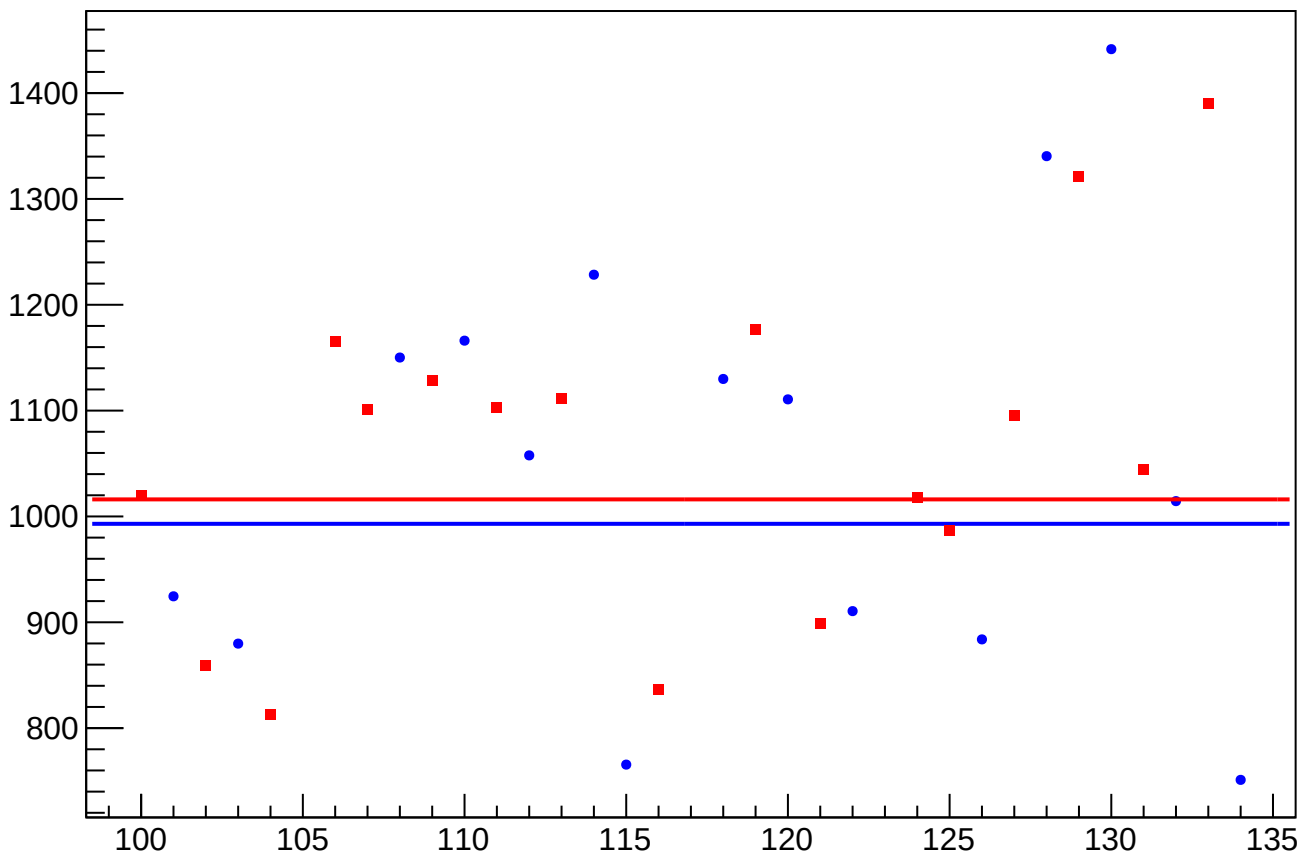
Right: -387.073+/-282.475 χ^2/NDF : 30.1/31

In: 86.855+/-402.045 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.073+/-282.475 χ^2/NDF : 30.1/31

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 993.030+/-0.284 χ^2/NDF : 381183.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1016.116+/-0.281 χ^2/NDF : 319536.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

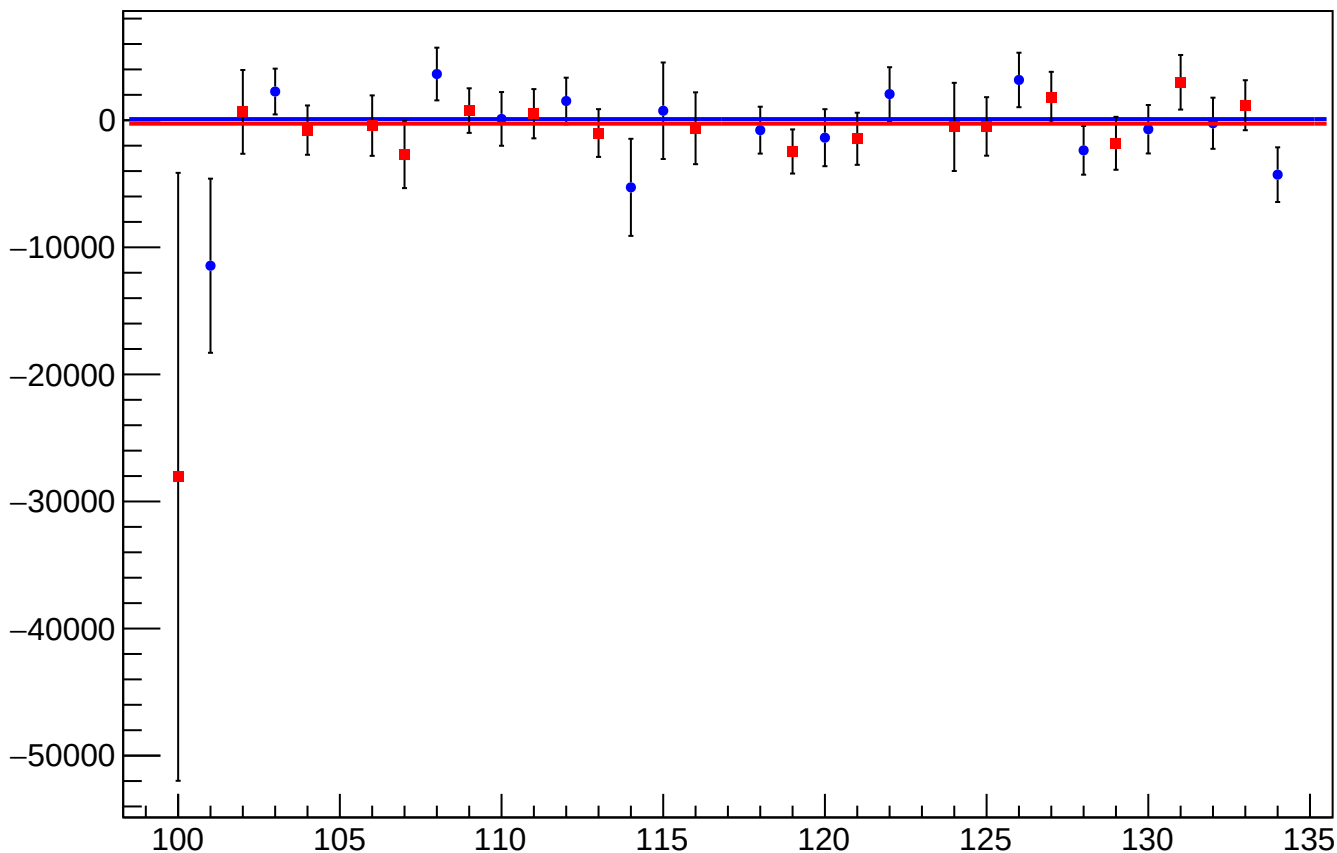
Right: 1004.720+/-0.200 χ^2/NDF : 704059.2/31

In: 993.030+/-0.284 χ^2/NDF :381183.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1004.720+/-0.200 χ^2/NDF : 704059.2/31

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 91.394 $\pm$ 562.117 χ^2 /NDF: 19.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -270.602 $\pm$ 536.351 χ^2 /NDF: 9.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

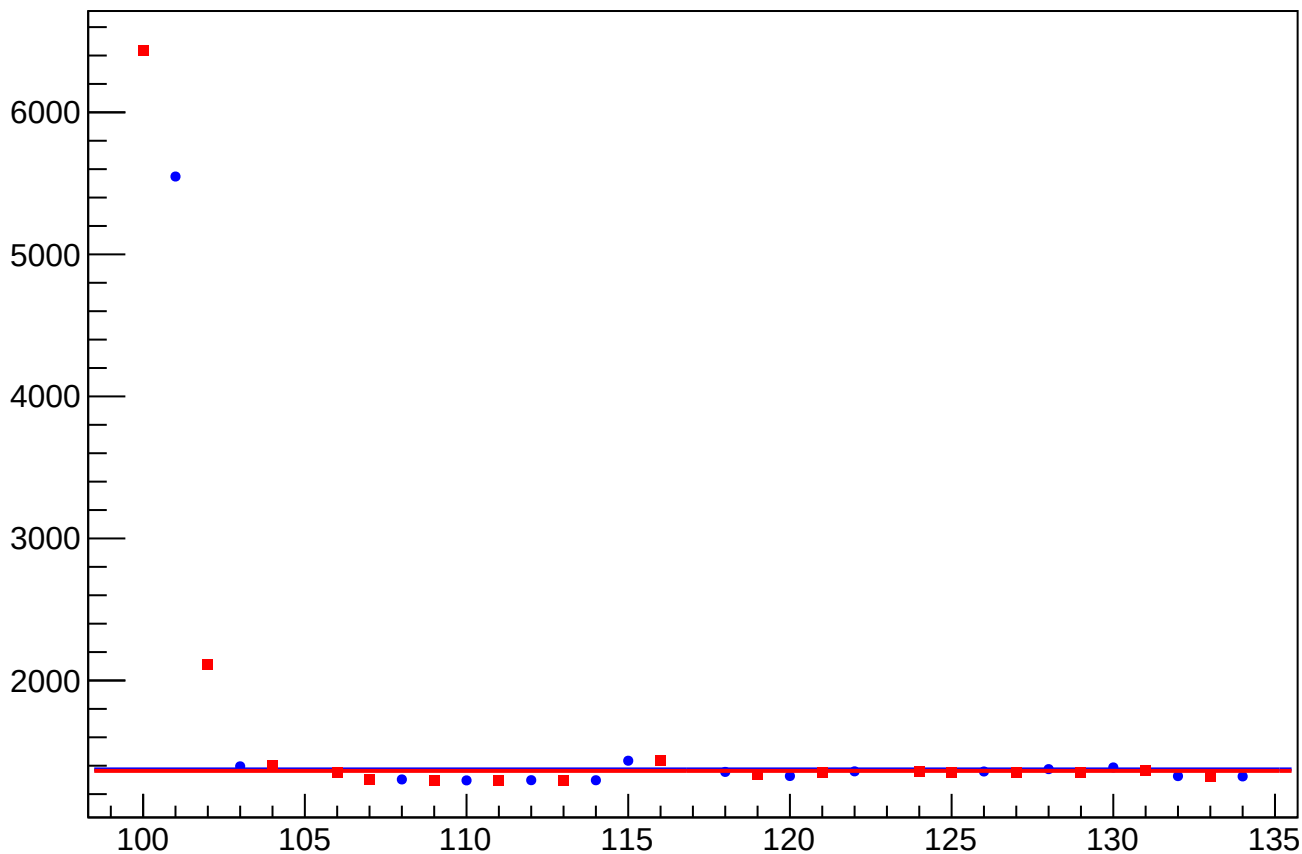
Right: -98.090 $\pm$ 388.047 χ^2 /NDF: 29.0/31

In: 91.394 $\pm$ 562.117 χ^2 /NDF:19.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -98.090 $\pm$ 388.047 χ^2 /NDF: 29.0/31

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1373.886 $\pm$ 0.397 χ^2 /NDF: 755623.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1363.642 $\pm$ 0.379 χ^2 /NDF: 204648.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

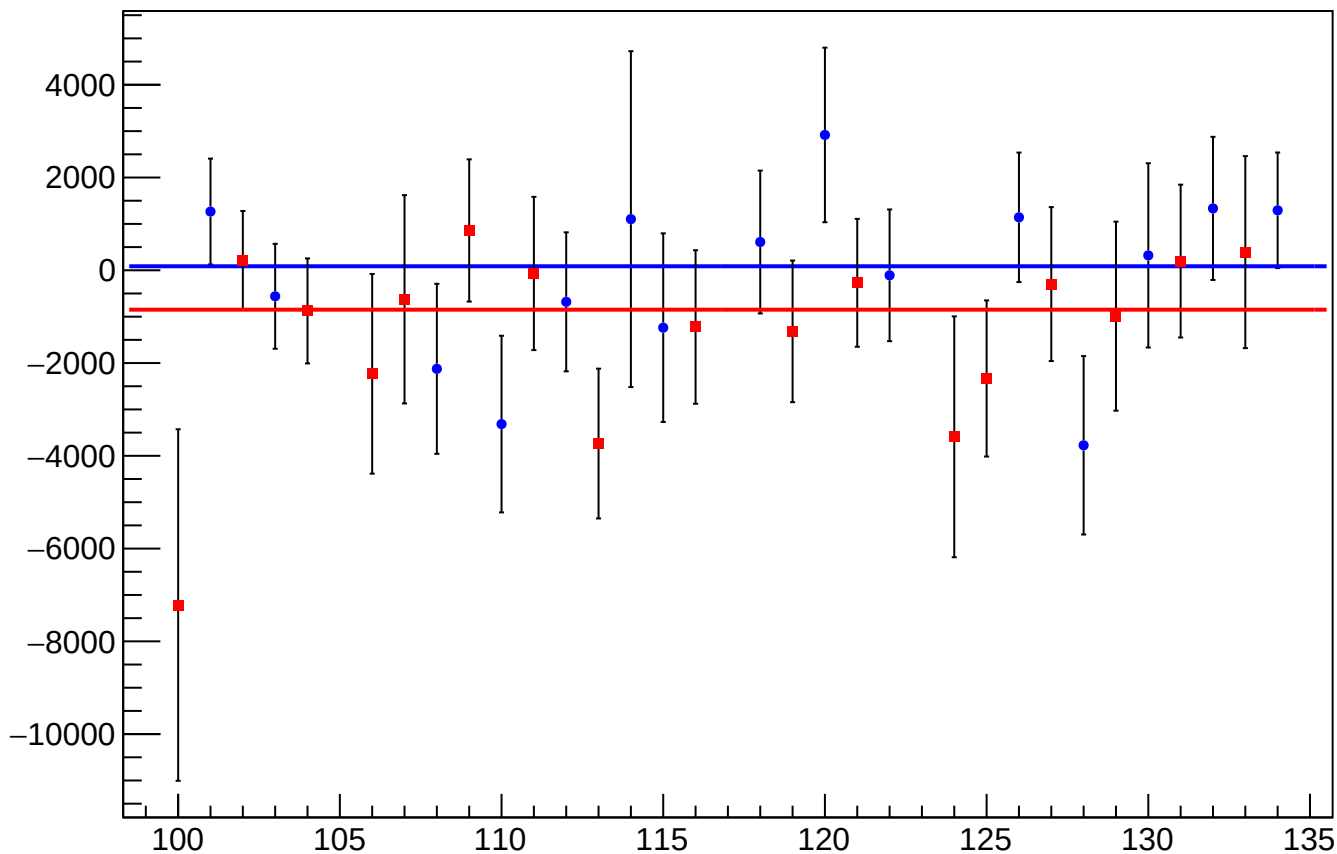
Right: 1368.524 $\pm$ 0.274 χ^2 /NDF: 960619.6/31

In: 1373.886 $\pm$ 0.397 χ^2 /NDF:755623.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1368.524 $\pm$ 0.274 χ^2 /NDF: 960619.6/31

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 86.854+/-402.044 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -849.097+/-396.964 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

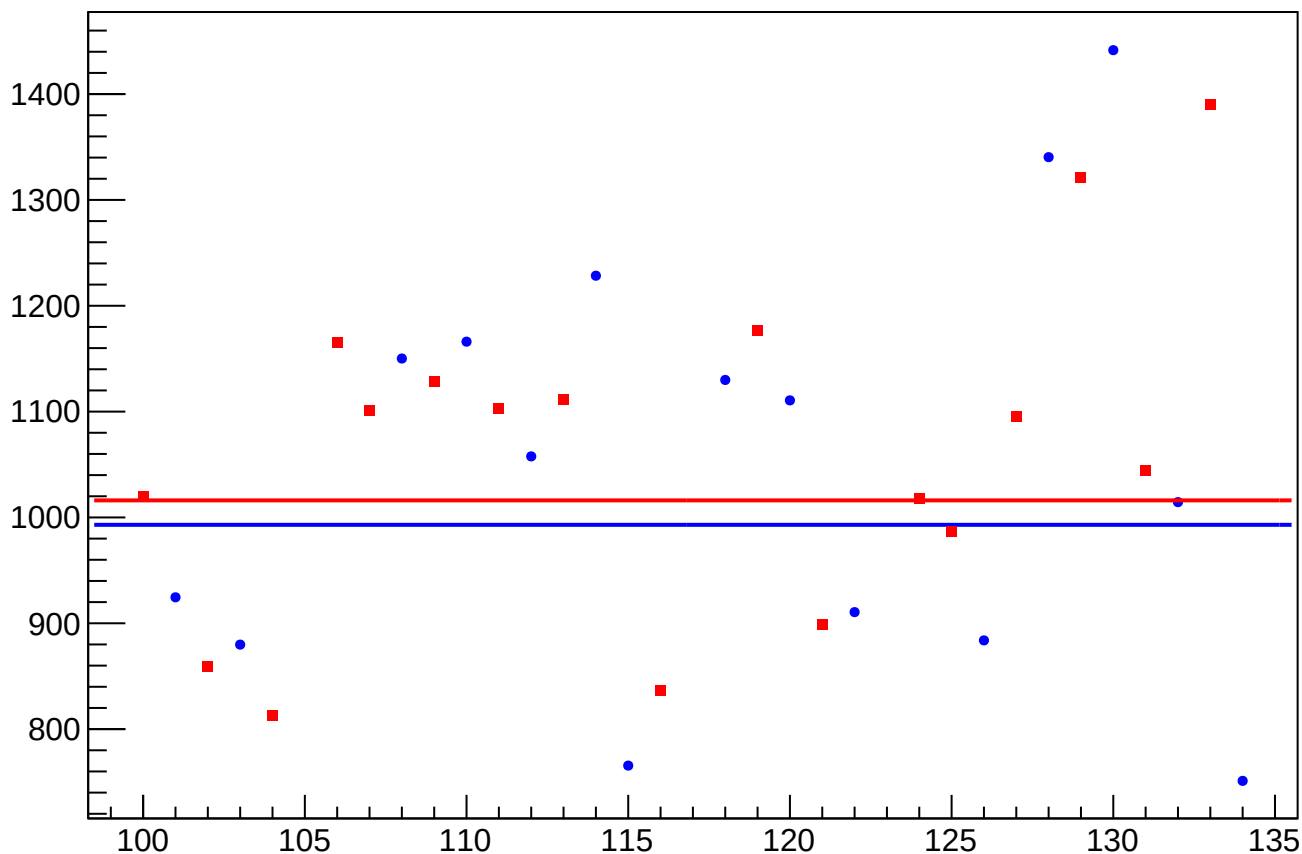
Right: -387.073+/-282.475 χ^2/NDF : 30.1/31

In: 86.854+/-402.044 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.073+/-282.475 χ^2/NDF : 30.1/31

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 993.028+/-0.284 χ^2/NDF : 381178.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.115+/-0.281 χ^2/NDF : 319529.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

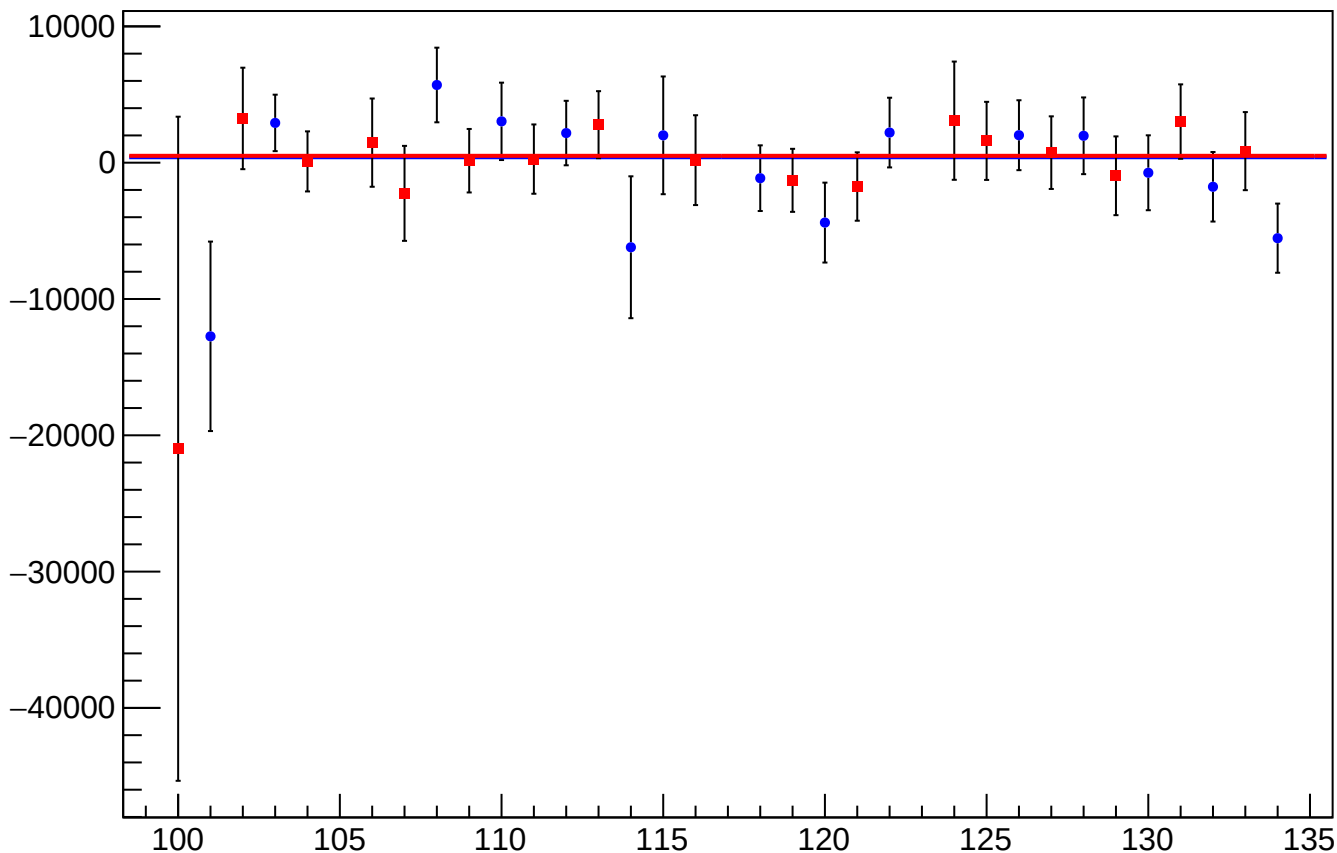
Right: 1004.718+/-0.200 χ^2/NDF : 704047.5/31

In: 993.028+/-0.284 χ^2/NDF : 381178.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.718+/-0.200 χ^2/NDF : 704047.5/31

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 400.354+/-717.567 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.212+/-691.421 χ^2/NDF : 6.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

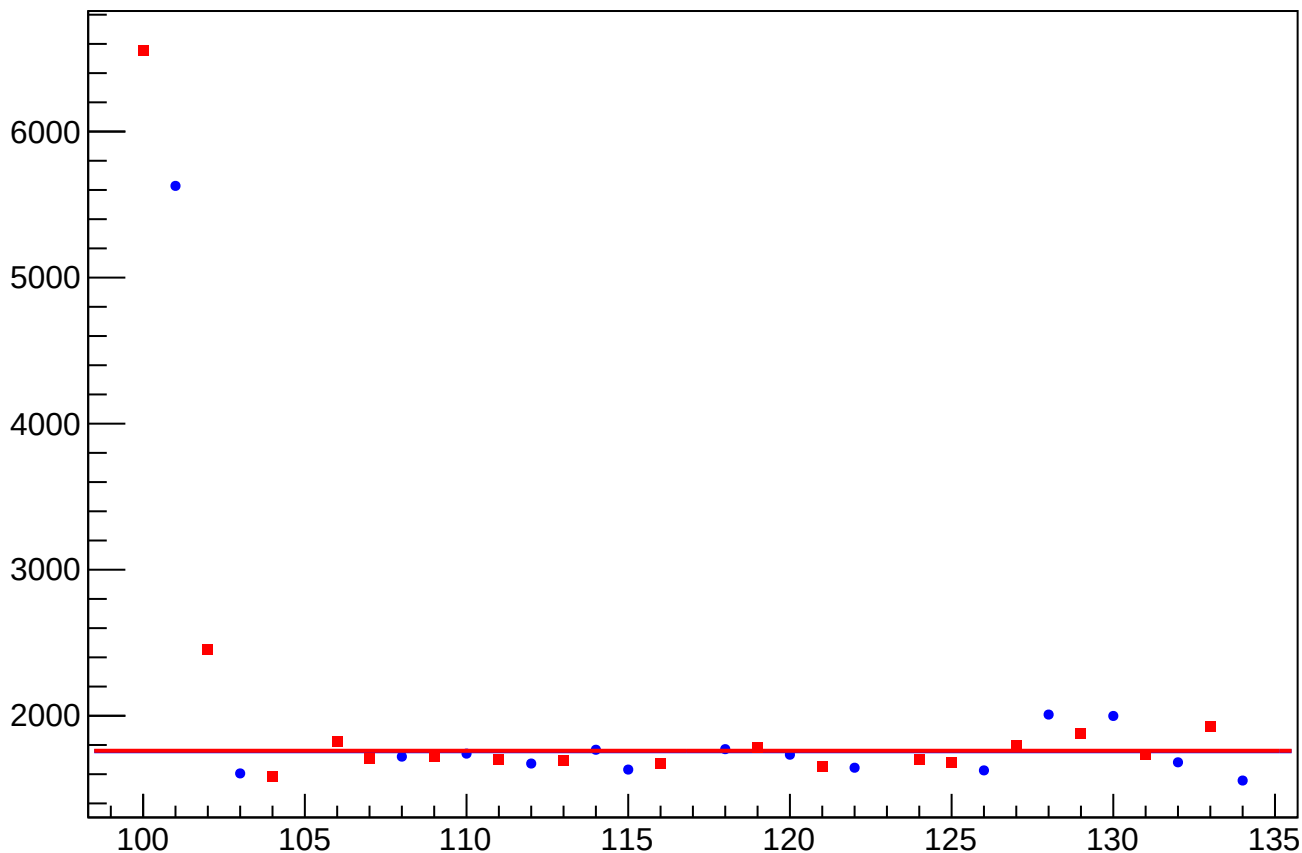
Right: 454.210+/-497.895 χ^2/NDF : 28.7/31

In: 400.354+/-717.567 χ^2/NDF : 22.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.210+/-497.895 χ^2/NDF : 28.7/31

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1757.075+/-0.507 χ^2/NDF : 690683.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1760.450+/-0.489 χ^2/NDF : 181601.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

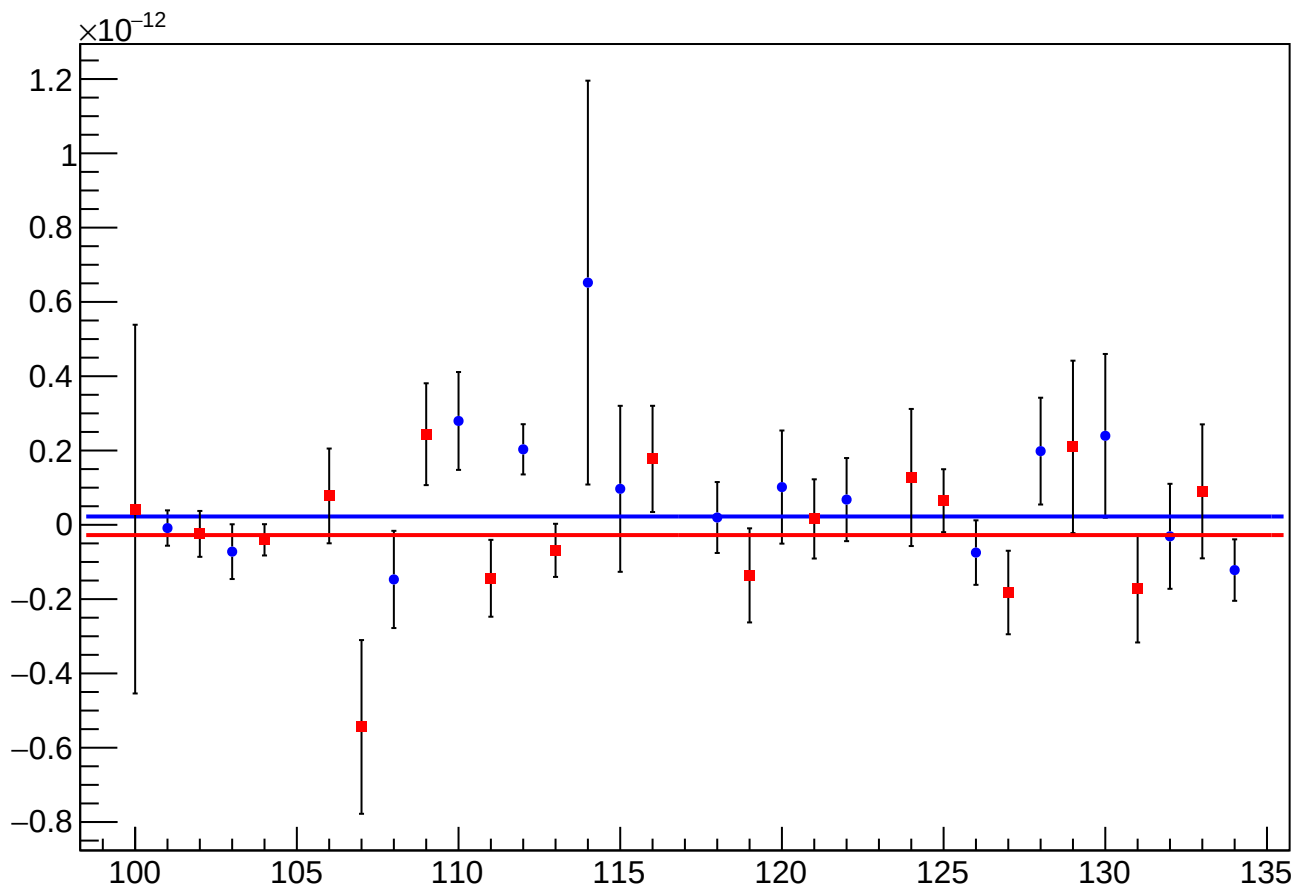
Right: 1758.825+/-0.352 χ^2/NDF : 872307.8/31

In: 1757.075+/-0.507 χ^2/NDF : 690683.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1758.825+/-0.352 χ^2/NDF : 872307.8/31

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

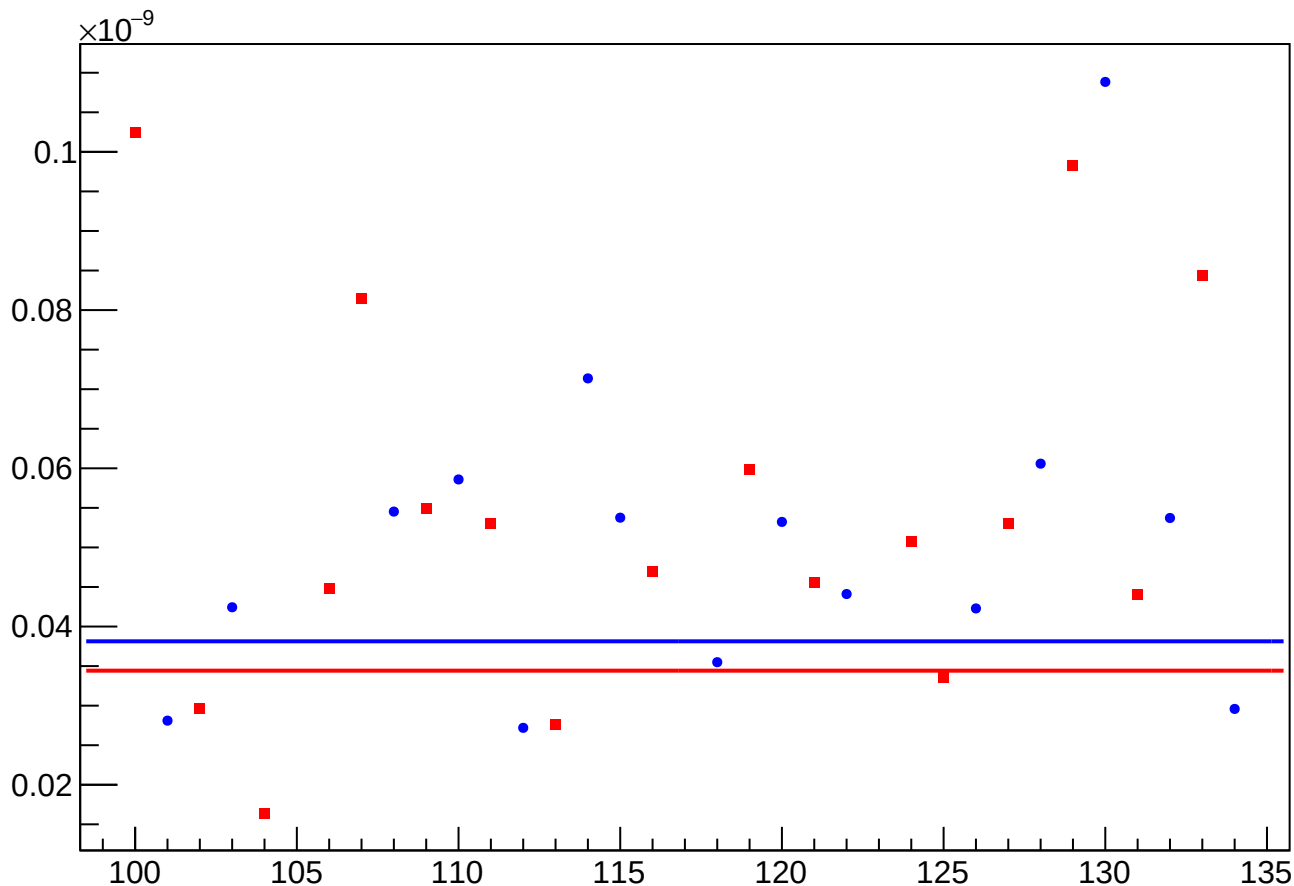
Right: -0.000+/-0.000 χ^2/NDF : 46.0/31

In: 0.000+/-0.000 χ^2/NDF : 23.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.0/31

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 576904.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1141331.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

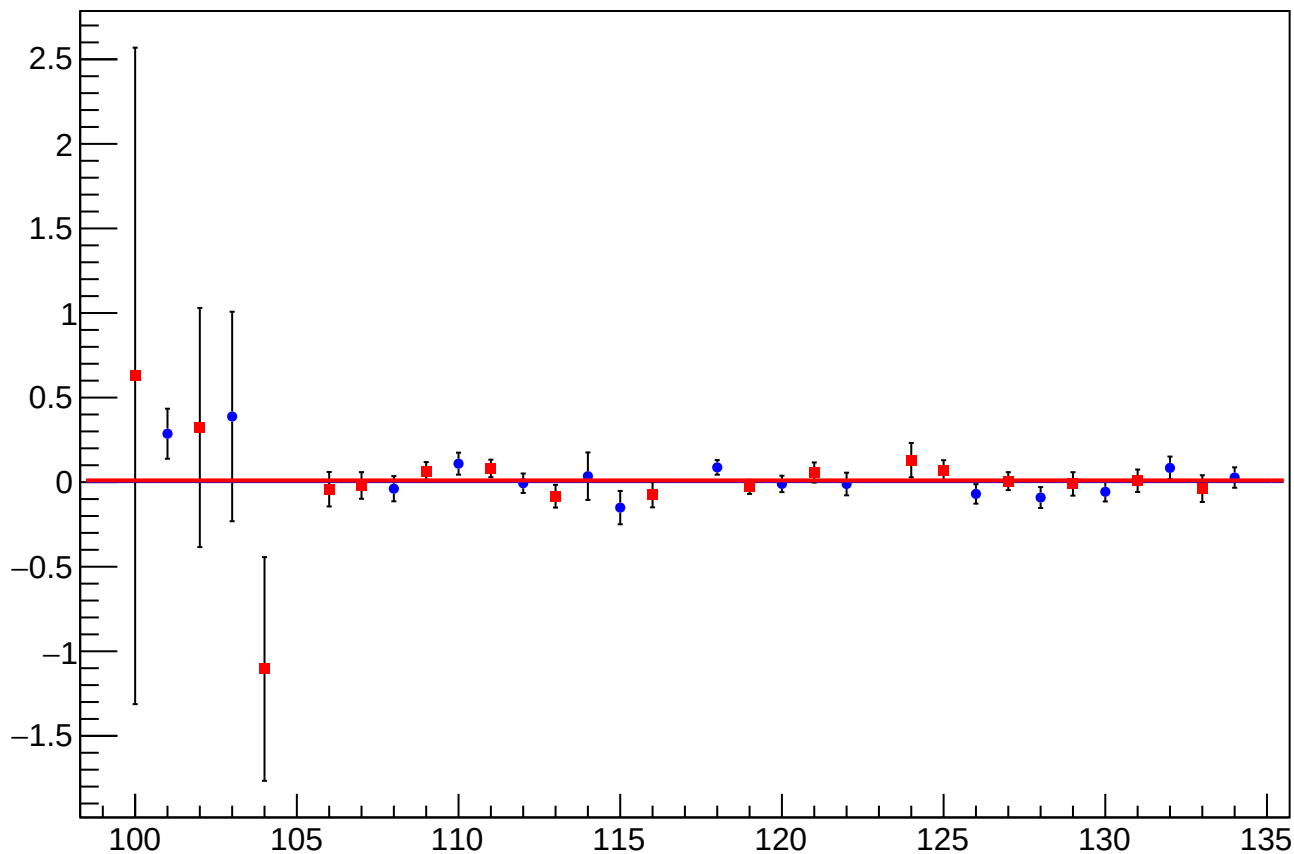
Right: 0.000+/-0.000 χ^2/NDF : 1741636.2/31

In: 0.000+/-0.000 χ^2/NDF : 576904.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1741636.2/31

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.017 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

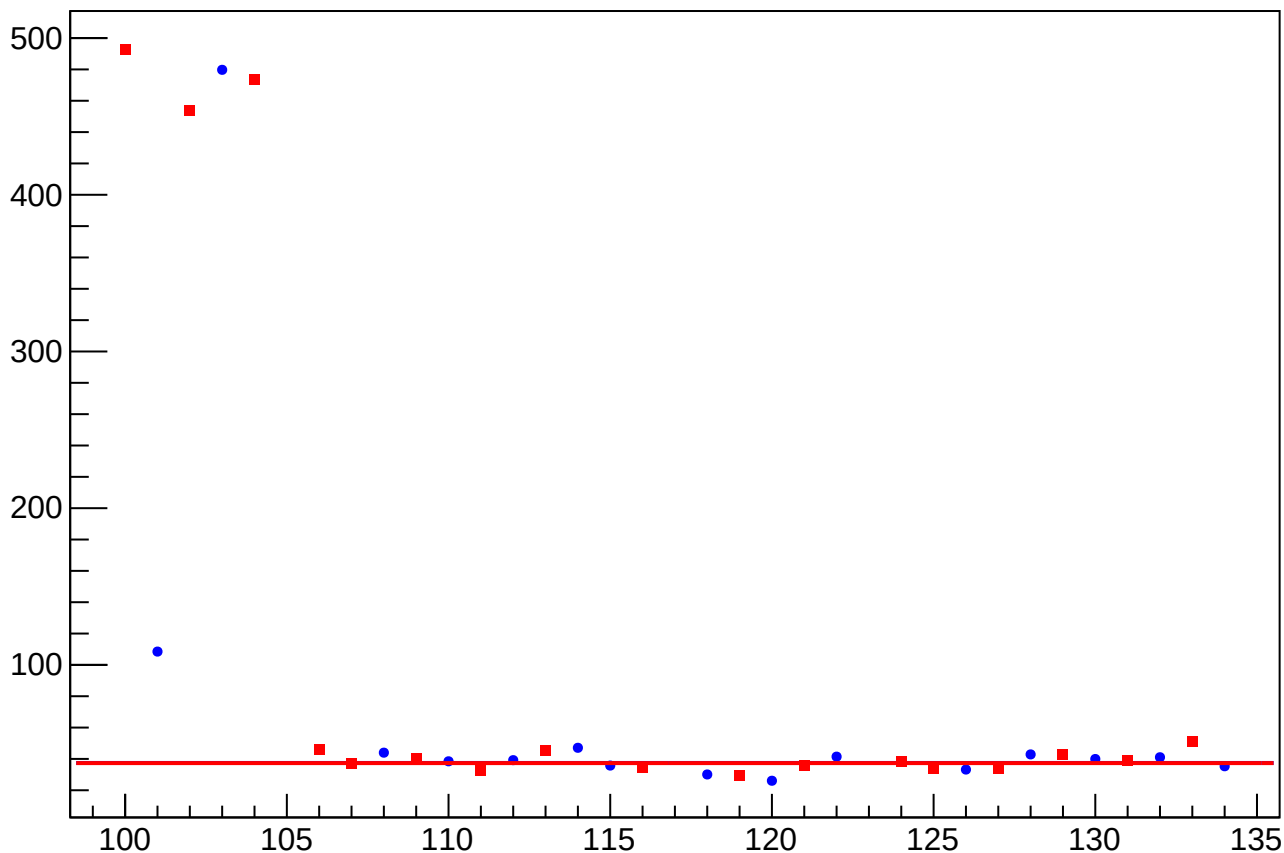
Right: 0.008+/-0.012 χ^2/NDF : 33.8/31

In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.012 χ^2/NDF : 33.8/31

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 37.413+/-0.012 χ^2/NDF : 1723196.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.331+/-0.012 χ^2/NDF : 1899984.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

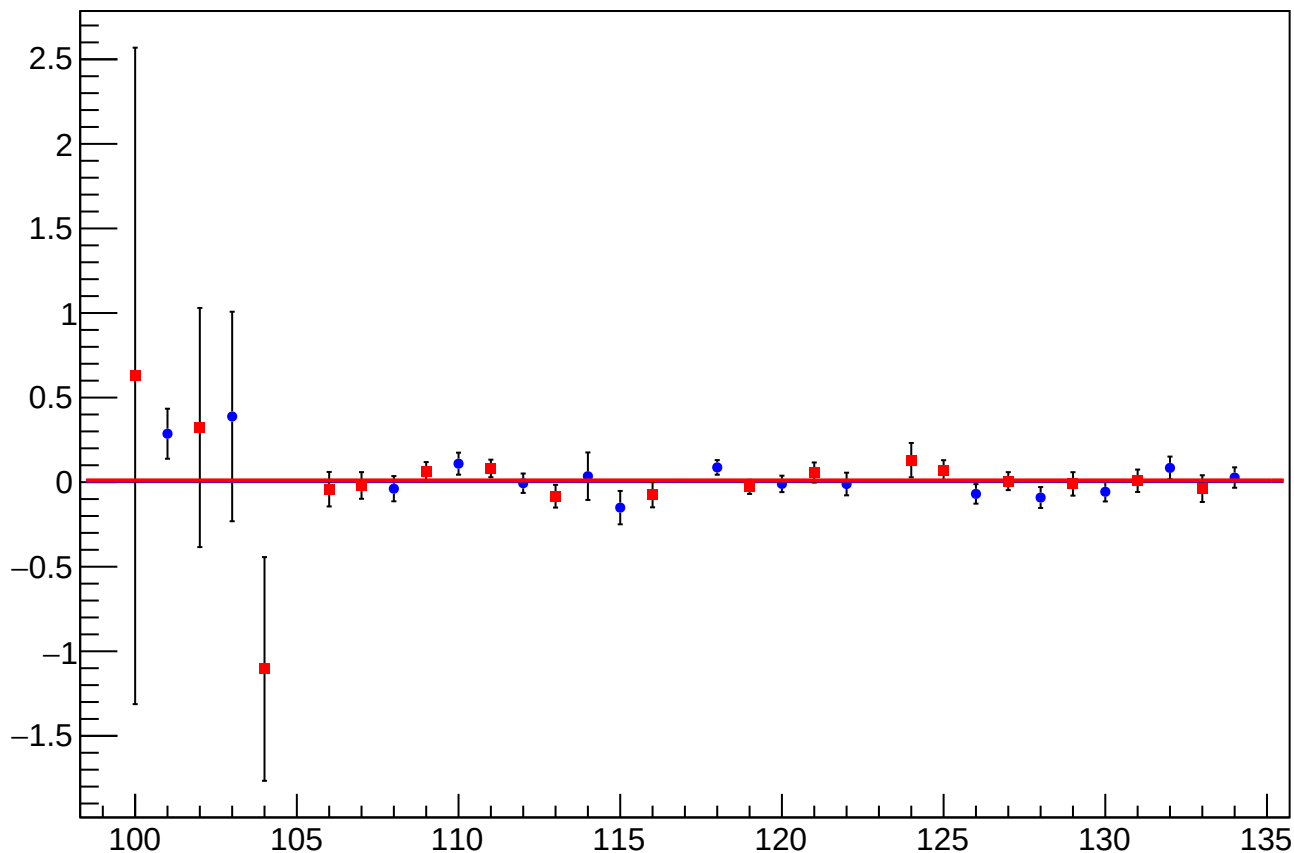
Right: 37.372+/-0.008 χ^2/NDF : 3623204.8/31

In: 37.413+/-0.012 χ^2/NDF : 1723196.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.372+/-0.008 χ^2/NDF : 3623204.8/31

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.017 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

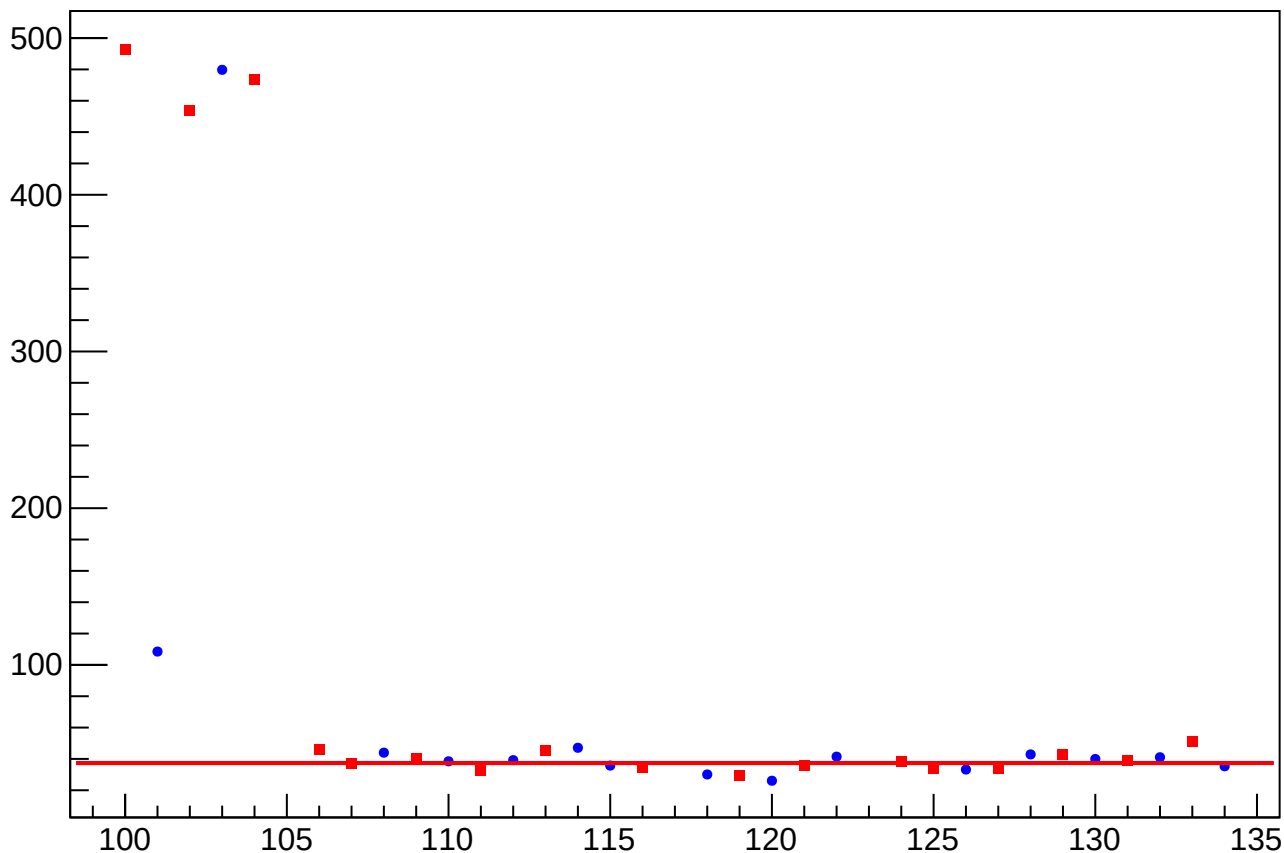
Right: 0.008+/-0.012 χ^2/NDF : 33.8/31

In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.012 χ^2/NDF : 33.8/31

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.413+/-0.012 χ^2/NDF : 1723196.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.331+/-0.012 χ^2/NDF : 1899984.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

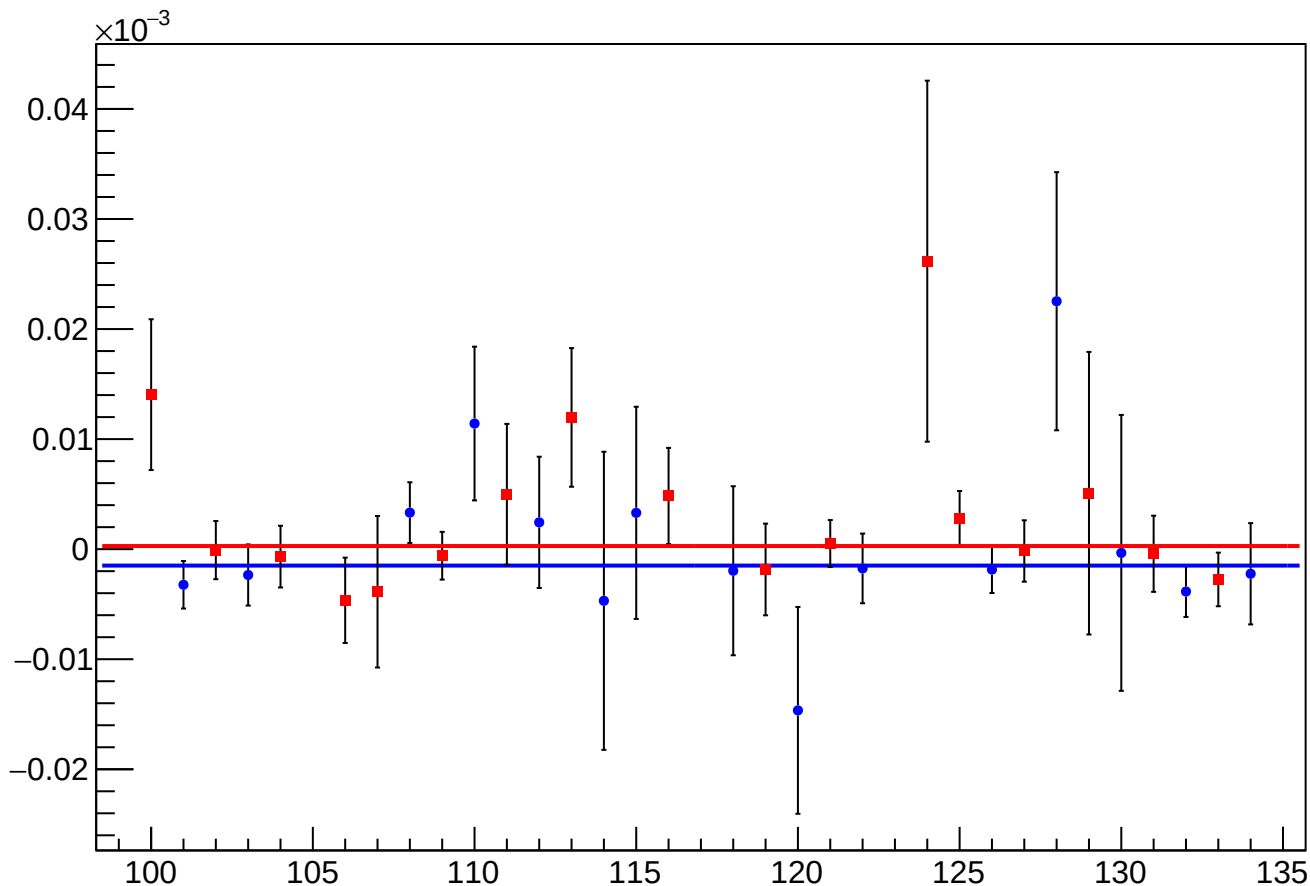
Right: 37.372+/-0.008 χ^2/NDF : 3623204.8/31

In: 37.413+/-0.012 χ^2/NDF :1723196.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.372+/-0.008 χ^2/NDF : 3623204.8/31

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

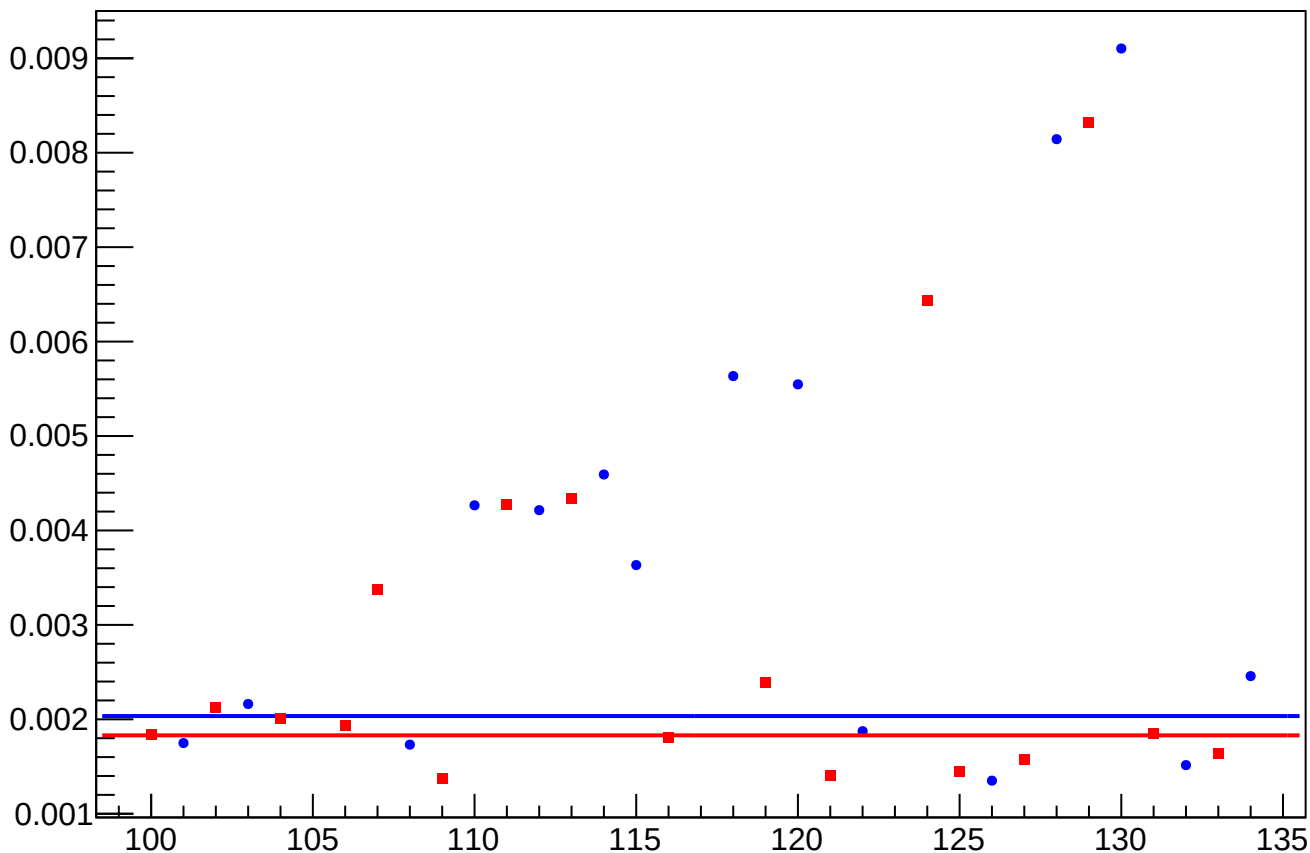
Right: -0.000+/-0.000 χ^2/NDF : 34.2/31

In: -0.000+/-0.000 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/31

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 2887950.2/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 1695706.4/16

Left 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 : 4637984.1/31

In: 0.002+/-0.000

χ^2/NDF : 2887950.2/14

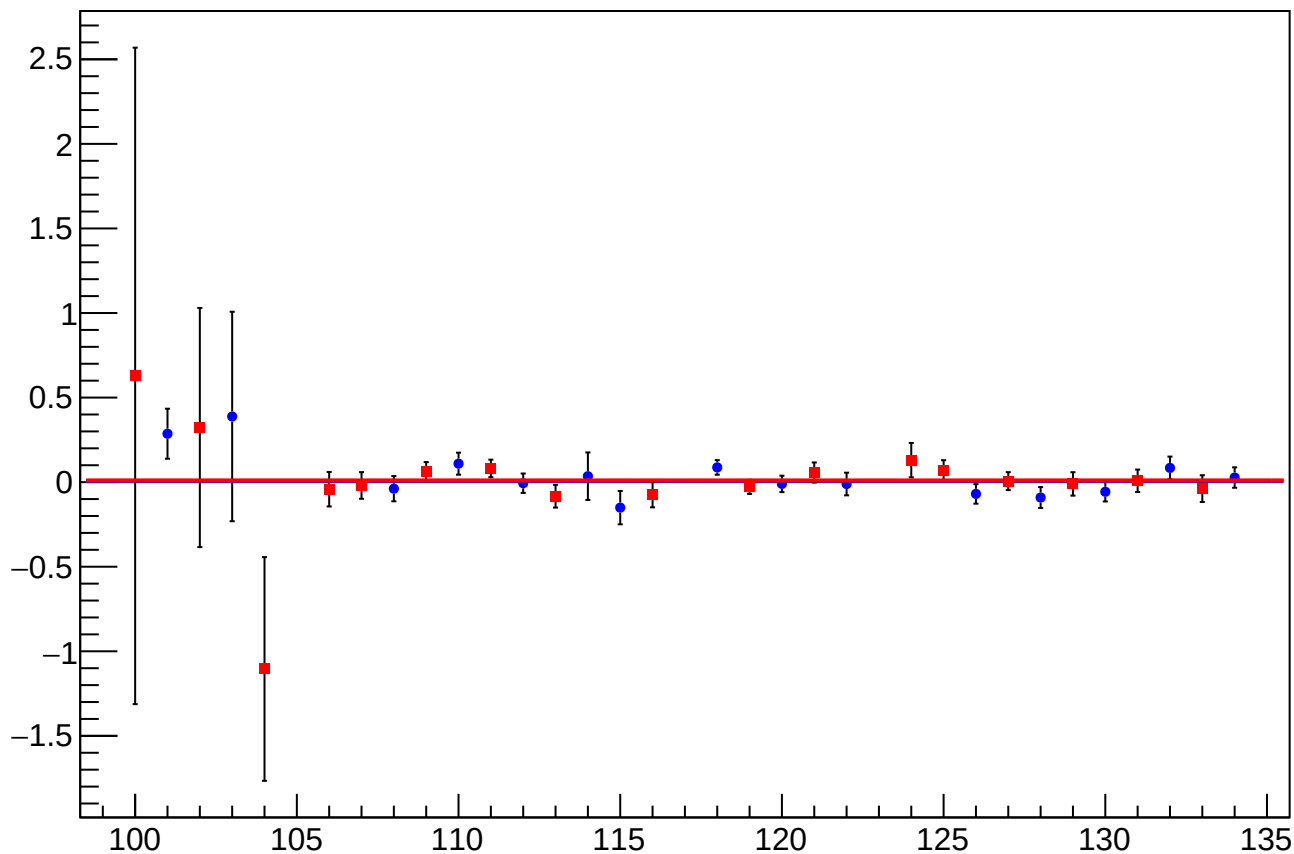
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 4637984.1/31

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.017 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

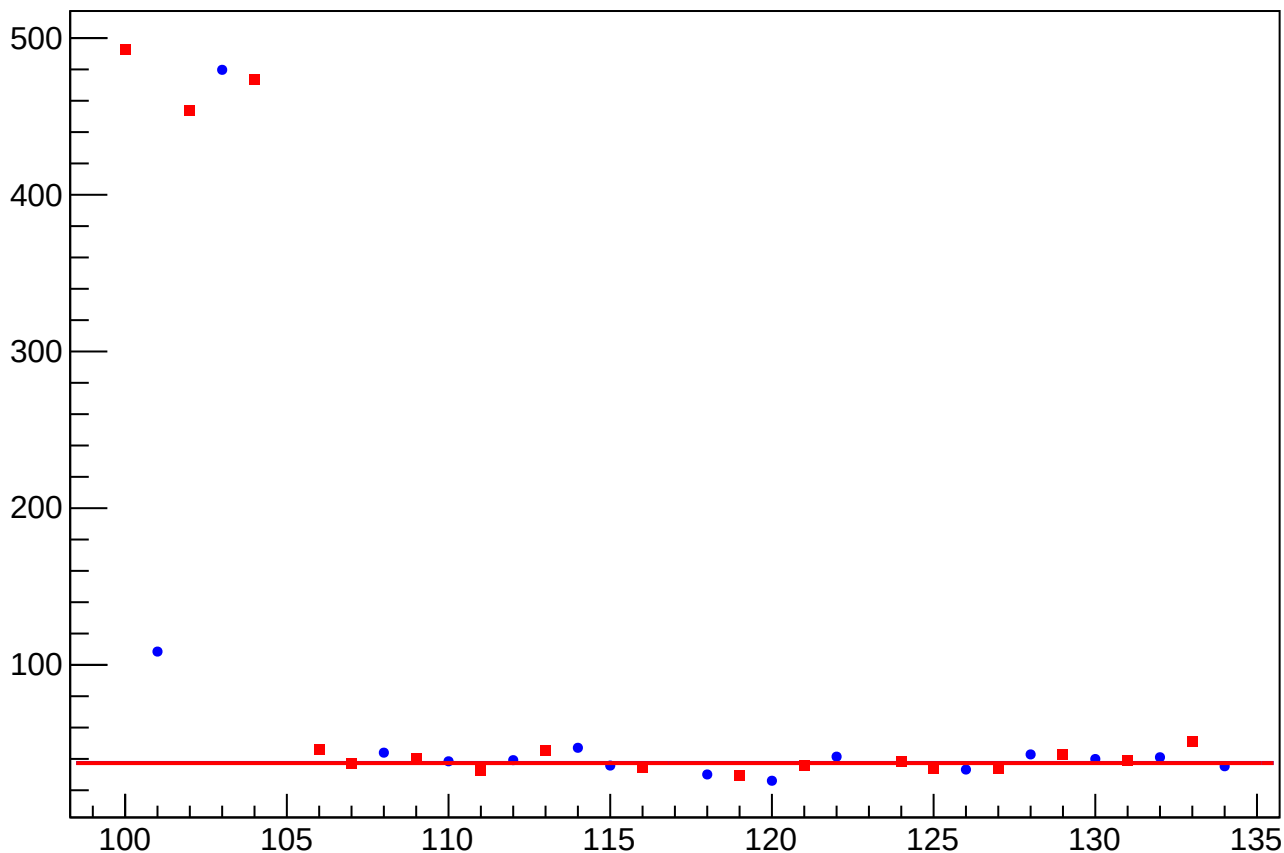
Right: 0.008+/-0.012 χ^2/NDF : 33.8/31

In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.012 χ^2/NDF : 33.8/31

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.413+/-0.012 χ^2/NDF : 1723201.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.330+/-0.012 χ^2/NDF : 1900051.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

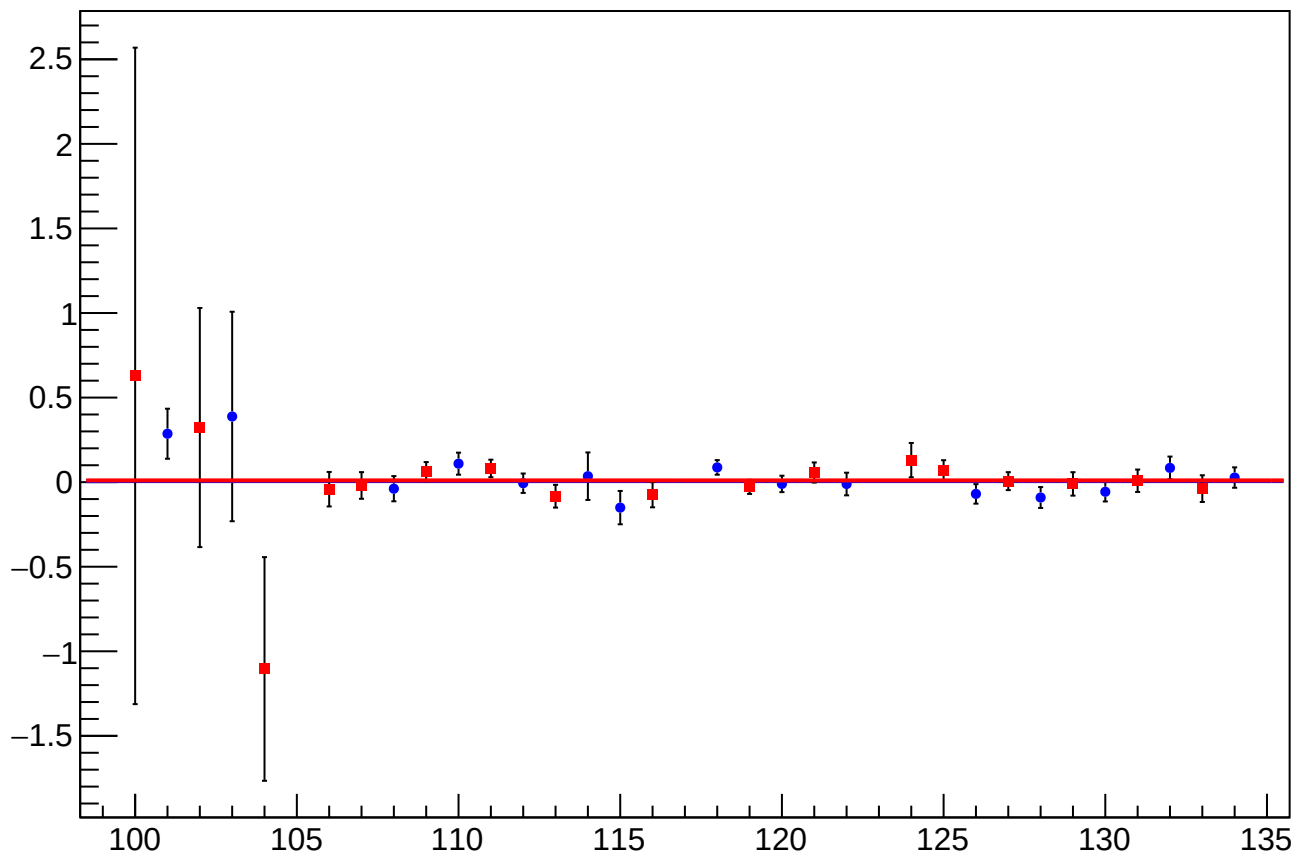
Right: 37.371+/-0.008 χ^2/NDF : 3623277.4/31

In: 37.413+/-0.012 χ^2/NDF : 1723201.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.371+/-0.008 χ^2/NDF : 3623277.4/31

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.017 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

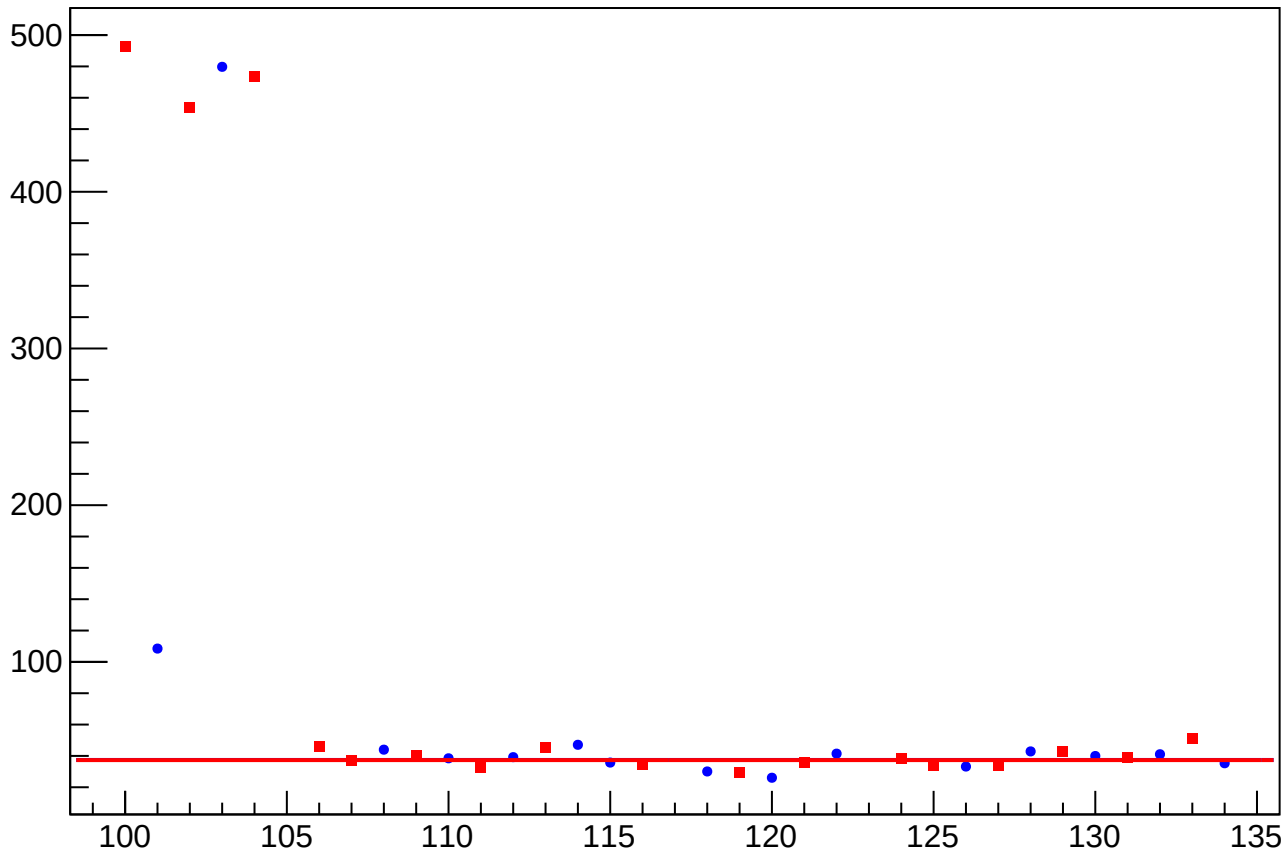
Right: 0.008+/-0.012 χ^2/NDF : 33.8/31

In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.012 χ^2/NDF : 33.8/31

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.413+/-0.012 χ^2/NDF : 1723201.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.330+/-0.012 χ^2/NDF : 1900051.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

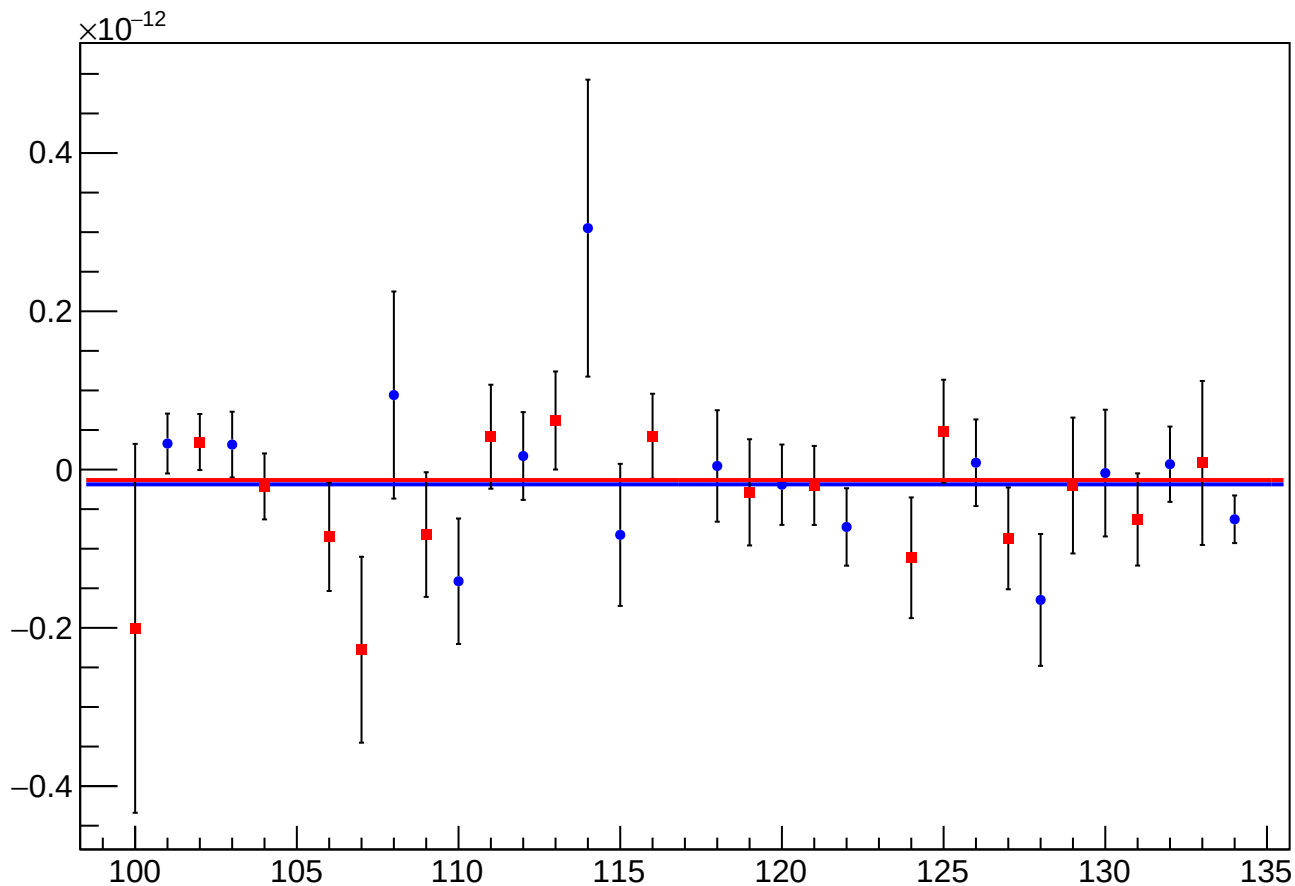
Right: 37.371+/-0.008 χ^2/NDF : 3623277.4/31

In: 37.413+/-0.012 χ^2/NDF :1723201.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.371+/-0.008 χ^2/NDF : 3623277.4/31

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

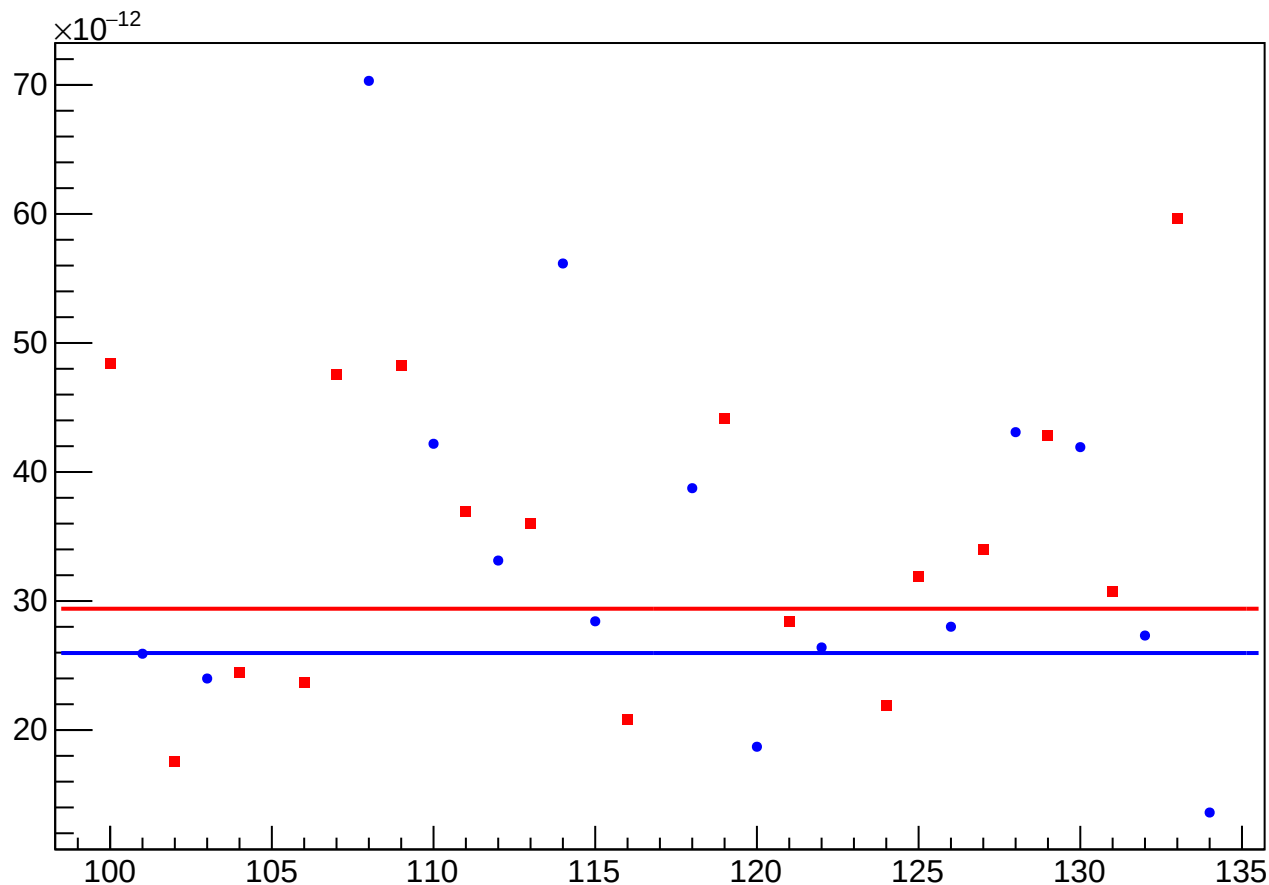
Right: -0.000+/-0.000 χ^2/NDF : 33.2/31

In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.2/31

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1017347.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 890784.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

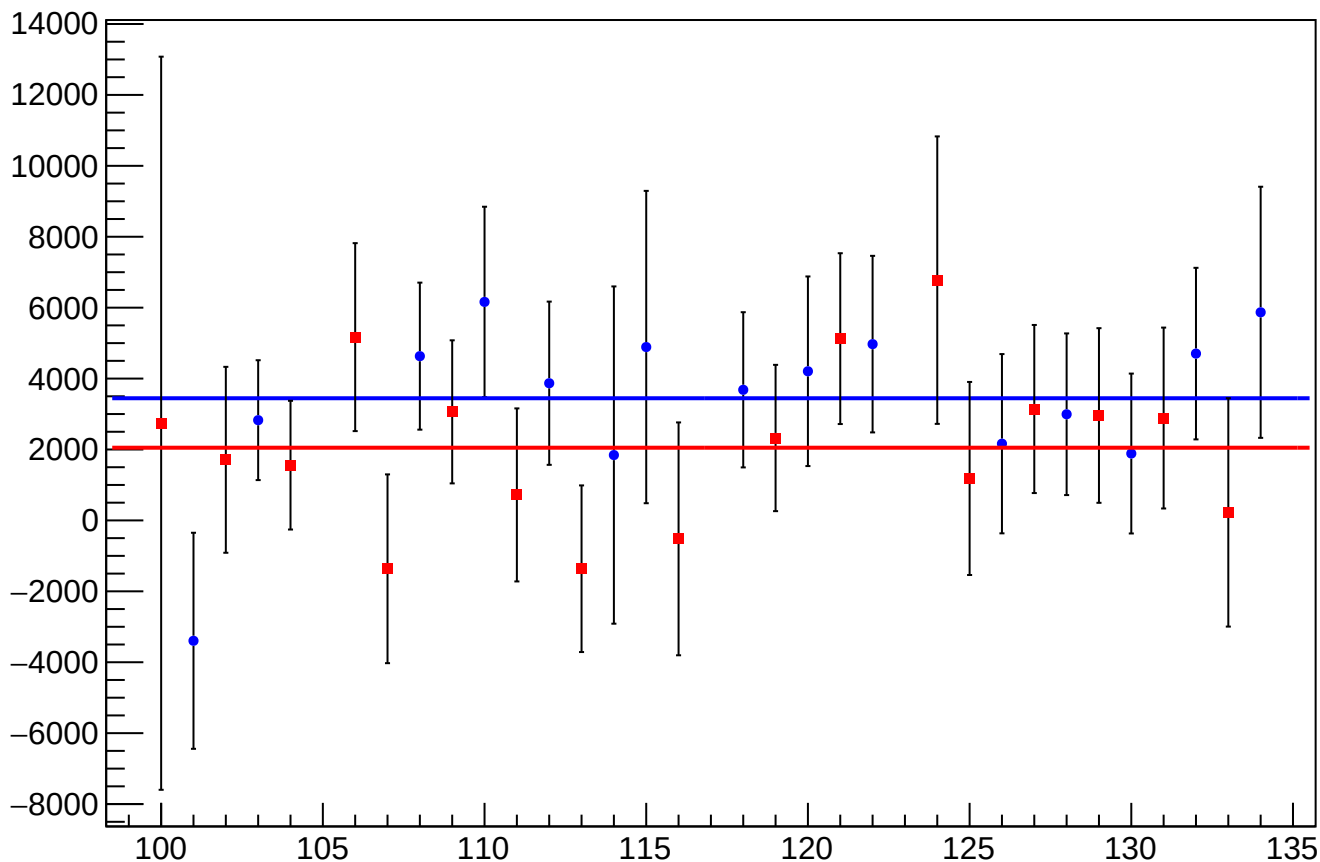
Right: 0.000+/-0.000 χ^2/NDF : 1964623.3/31

In: 0.000+/-0.000 χ^2/NDF :1017347.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1964623.3/31

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3445.355+/-642.849 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2050.204+/-617.170 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

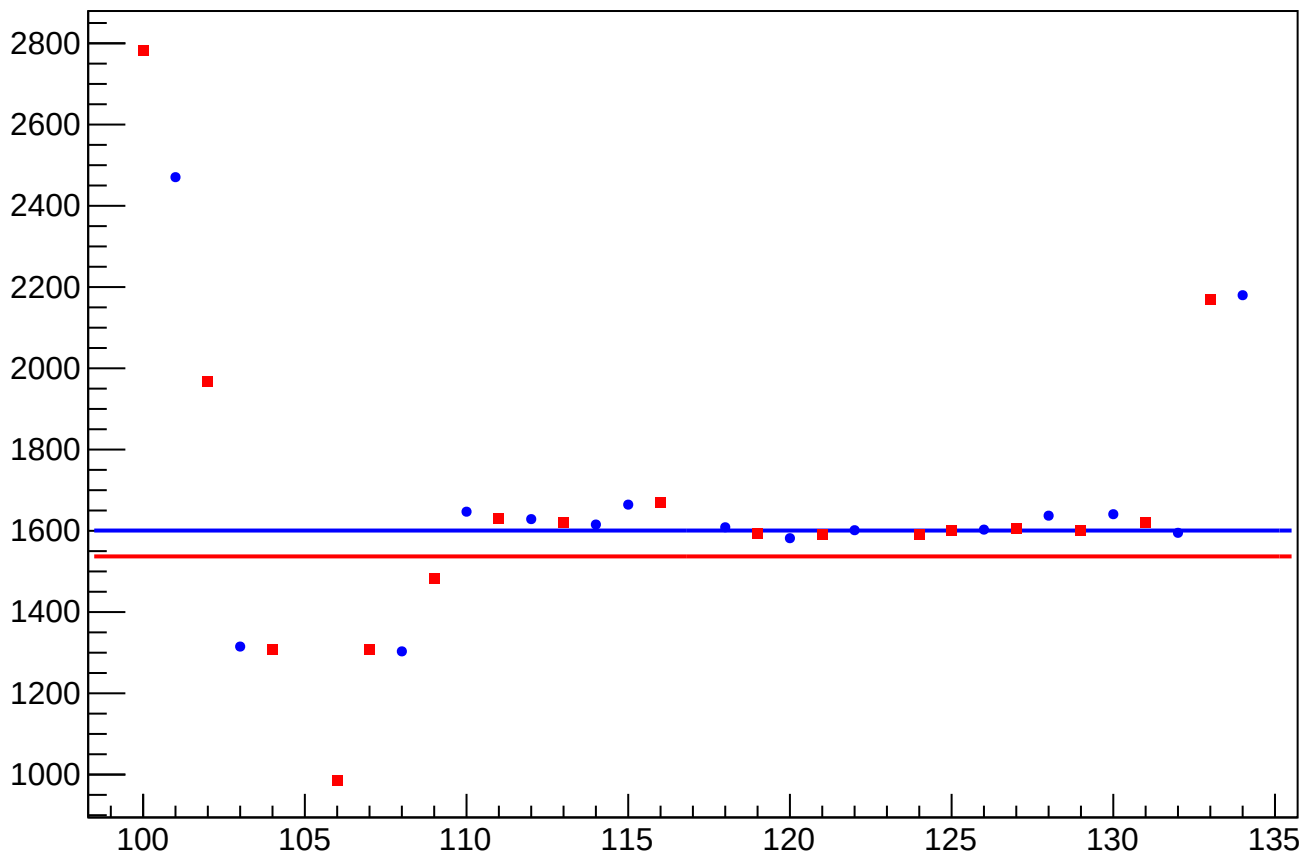
Right: 2719.358+/-445.206 χ^2/NDF : 21.5/31

In: 3445.355+/-642.849 χ^2/NDF : 8.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.358+/-445.206 χ^2/NDF : 21.5/31

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1600.675+/-0.455 χ^2/NDF : 317412.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1536.980+/-0.428 χ^2/NDF : 372320.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

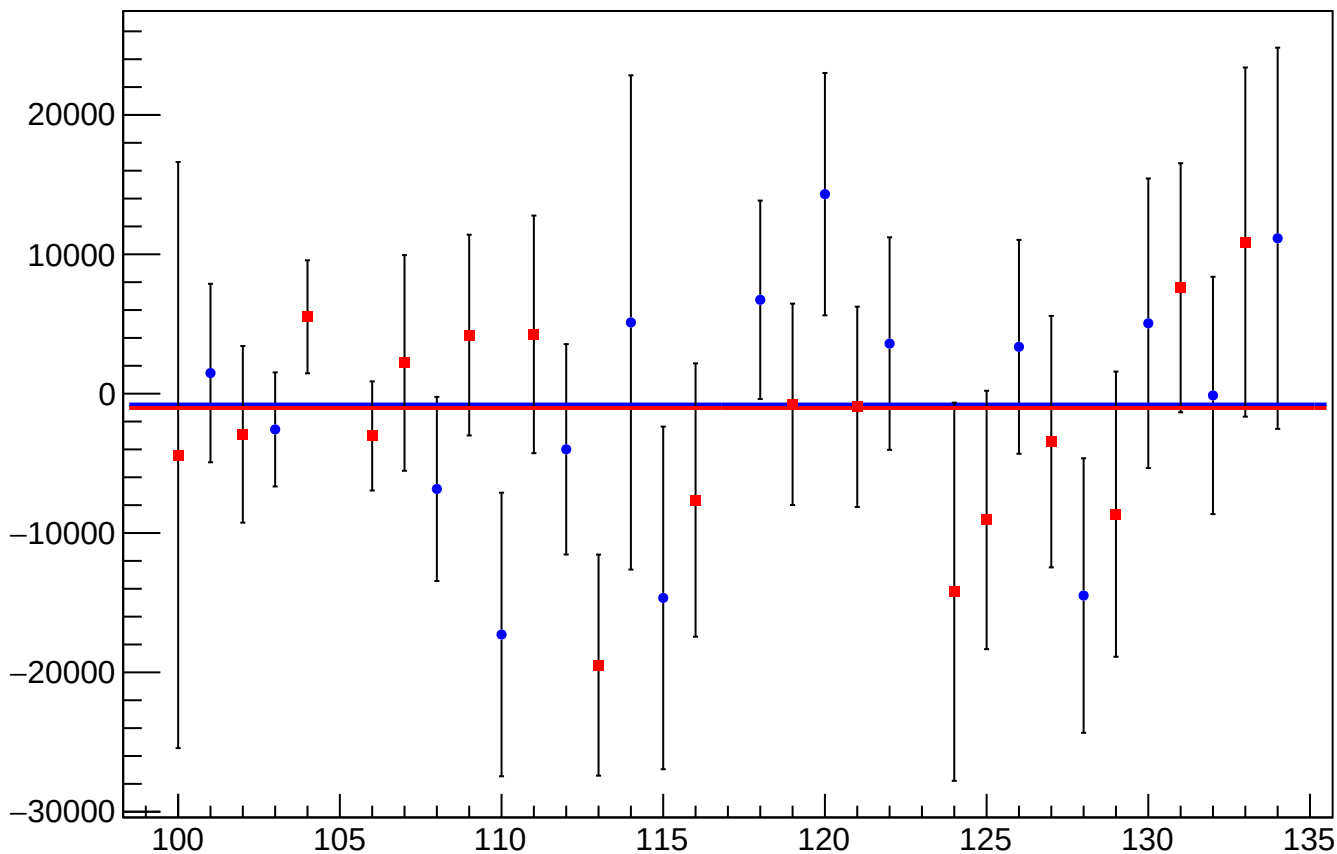
Right: 1566.942+/-0.312 χ^2/NDF : 700131.3/31

In: 1600.675+/-0.455 χ^2/NDF : 317412.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.942+/-0.312 χ^2/NDF : 700131.3/31

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -780.839+/-2000.665 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.673+/-1752.835 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

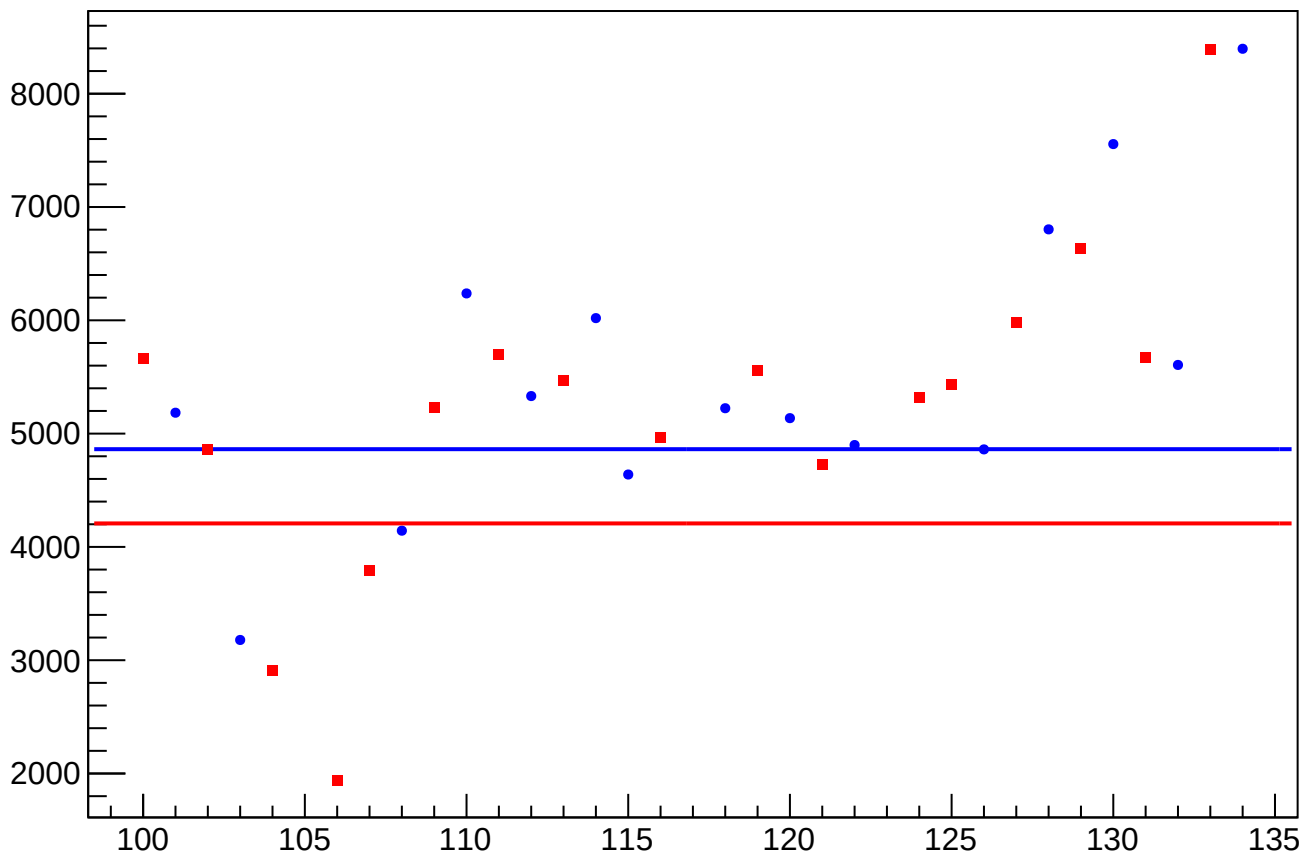
Right: -918.786+/-1318.407 χ^2/NDF : 27.2/31

In: -780.839+/-2000.665 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -918.786+/-1318.407 χ^2/NDF : 27.2/31

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4862.608+/-1.415 χ^2/NDF : 788444.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4207.305+/-1.239 χ^2/NDF : 1672884.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

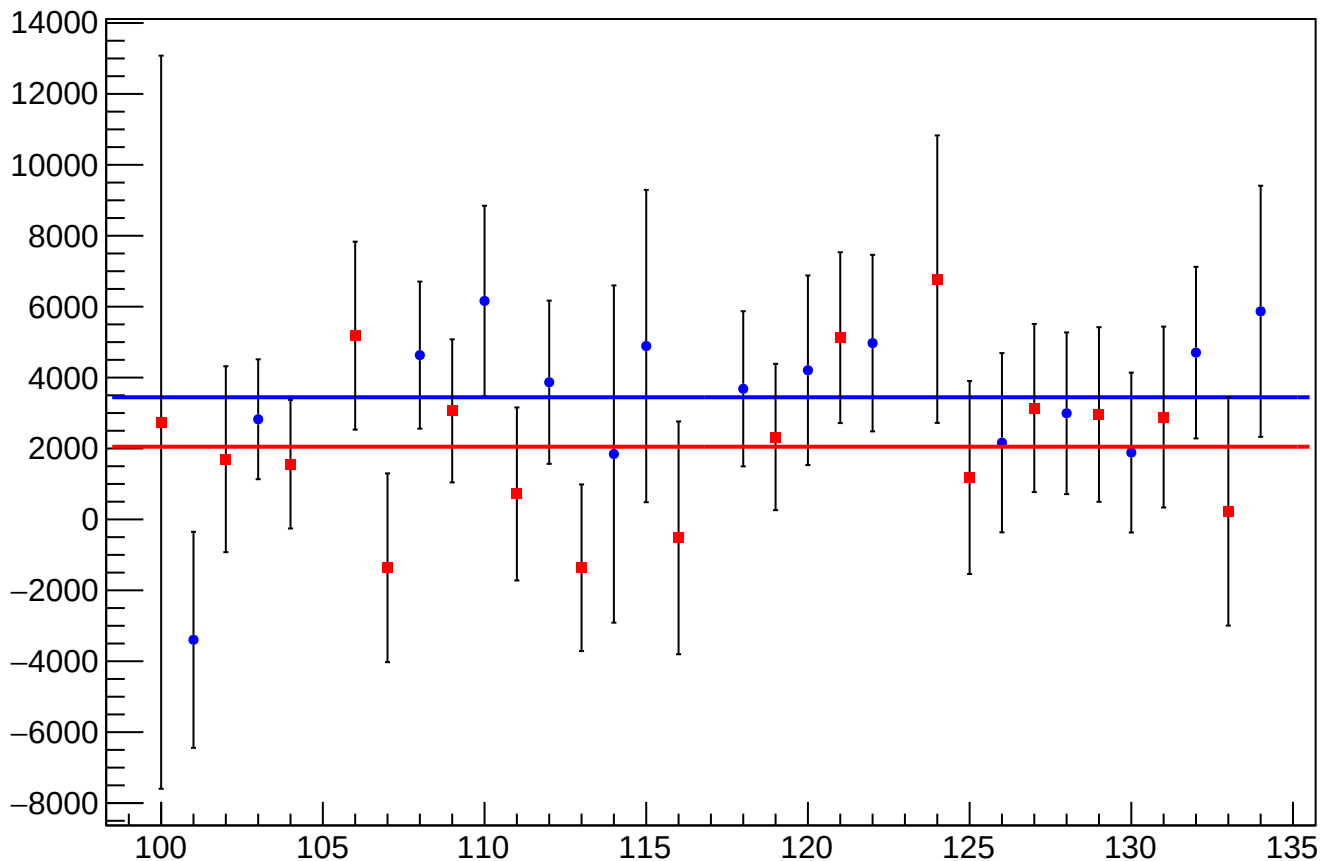
Right: 4491.877+/-0.932 χ^2/NDF : 2582719.2/31

In: 4862.608+/-1.415 χ^2/NDF : 788444.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4491.877+/-0.932 χ^2/NDF : 2582719.2/31

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3444.965+/-642.849 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2050.281+/-617.173 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

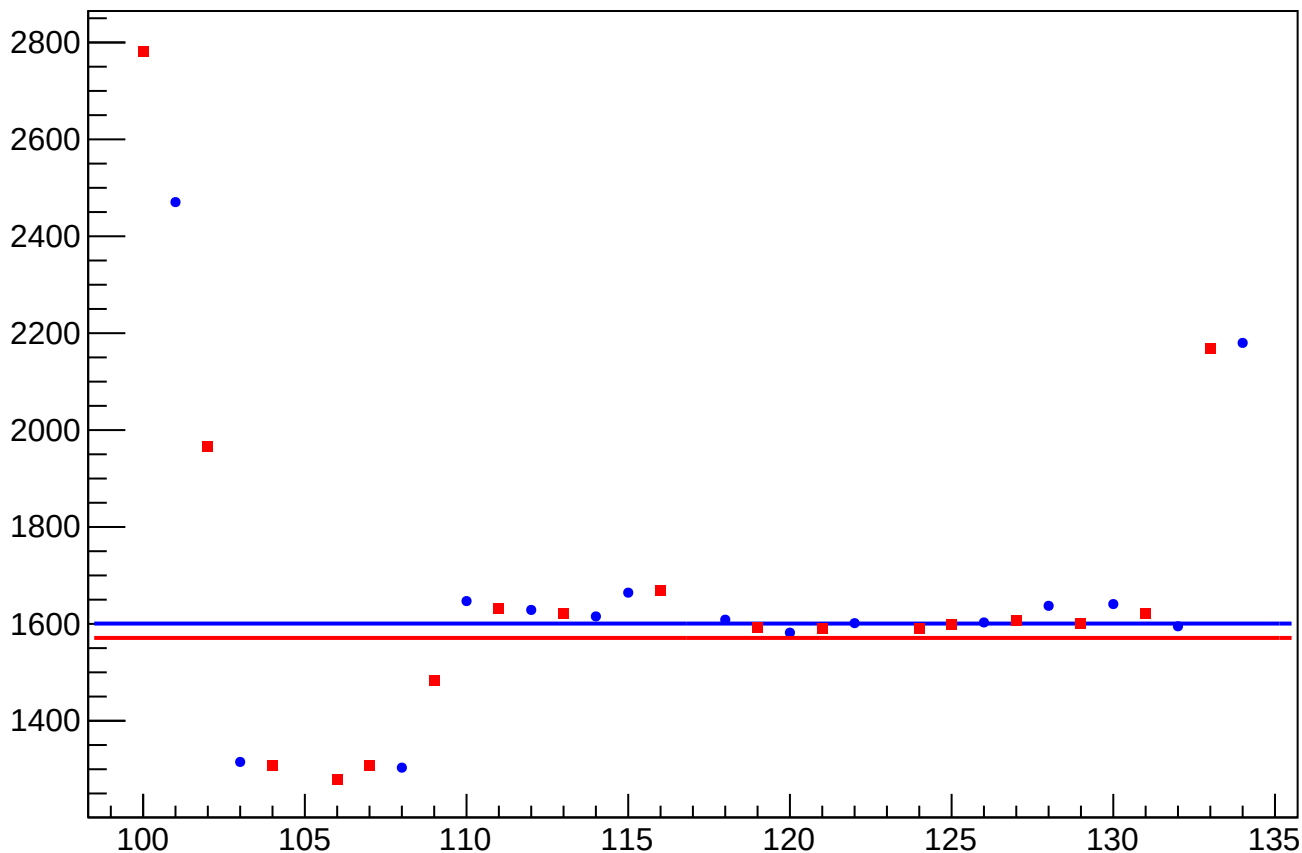
Right: 2719.215+/-445.208 χ^2/NDF : 21.5/31

In: 3444.965+/-642.849 χ^2/NDF : 8.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.215+/-445.208 χ^2/NDF : 21.5/31

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1600.675+/-0.455 χ^2/NDF : 317411.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1571.025+/-0.435 χ^2/NDF : 241862.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

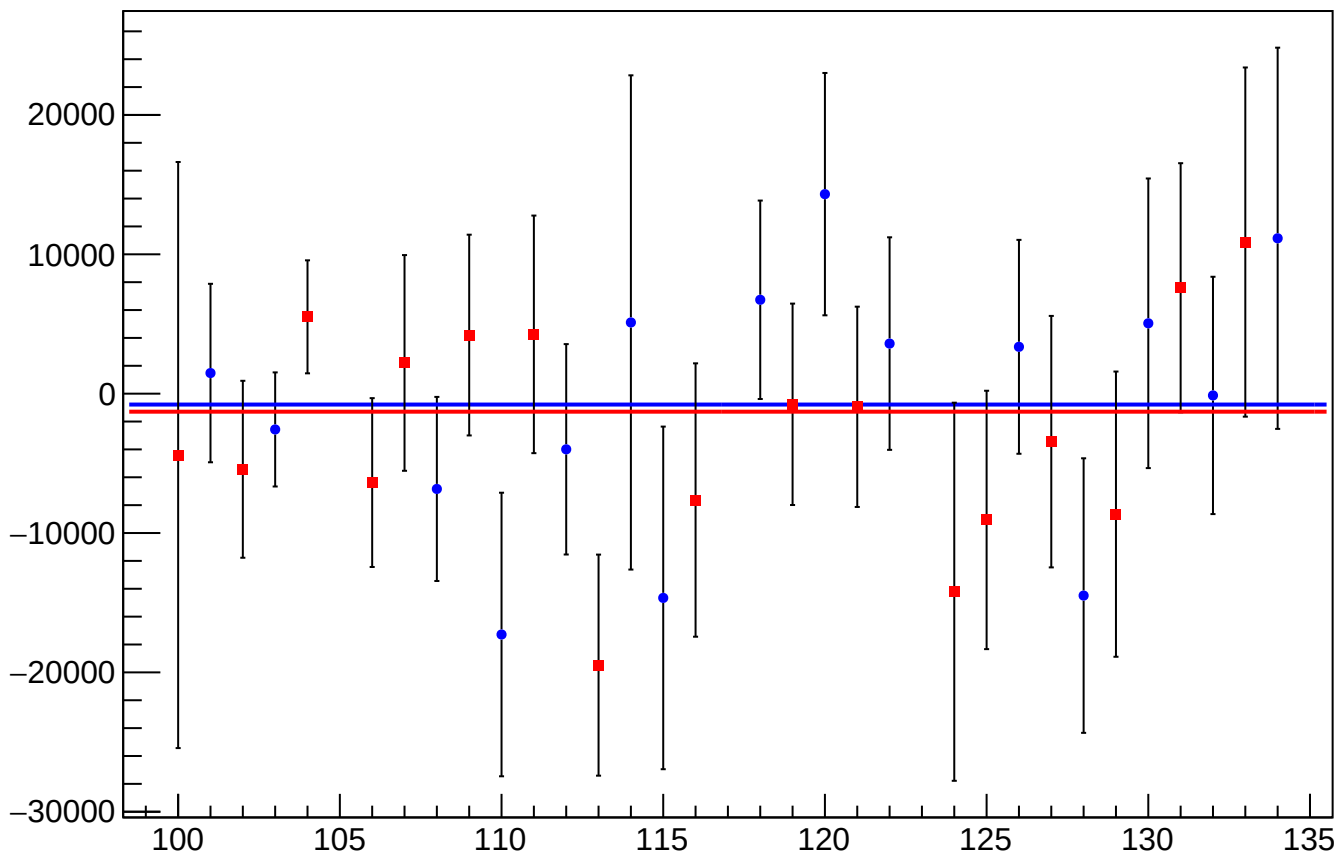
Right: 1585.182+/-0.314 χ^2/NDF : 561497.0/31

In: 1600.675+/-0.455 χ^2/NDF : 317411.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.182+/-0.314 χ^2/NDF : 561497.0/31

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -781.095+/-2000.714 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1292.744+/-1865.122 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

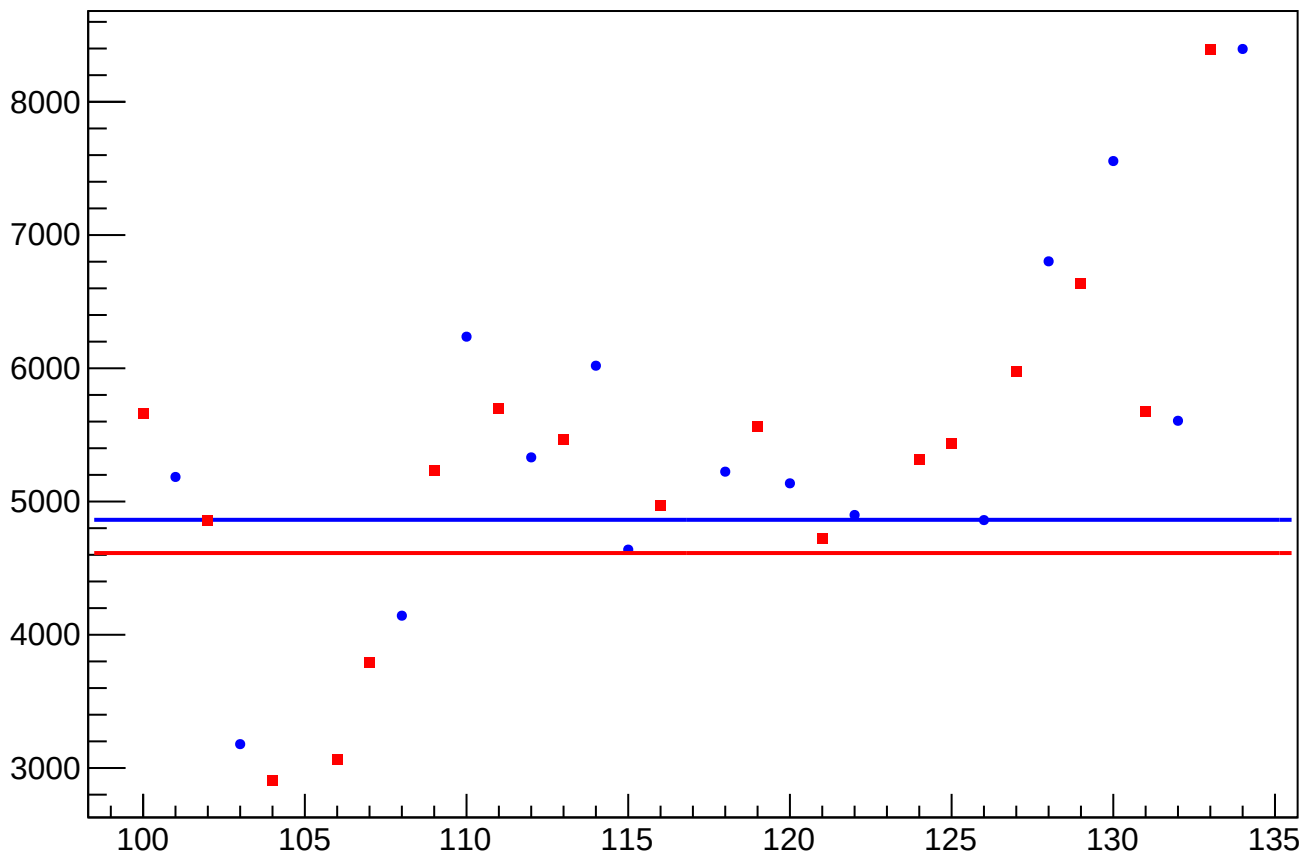
Right: -1054.843+/-1364.259 χ^2/NDF : 28.1/31

In: -781.095+/-2000.714 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1054.843+/-1364.259 χ^2/NDF : 28.1/31

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4862.773+/-1.415 χ^2/NDF : 788238.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.359+/-1.319 χ^2/NDF : 977904.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

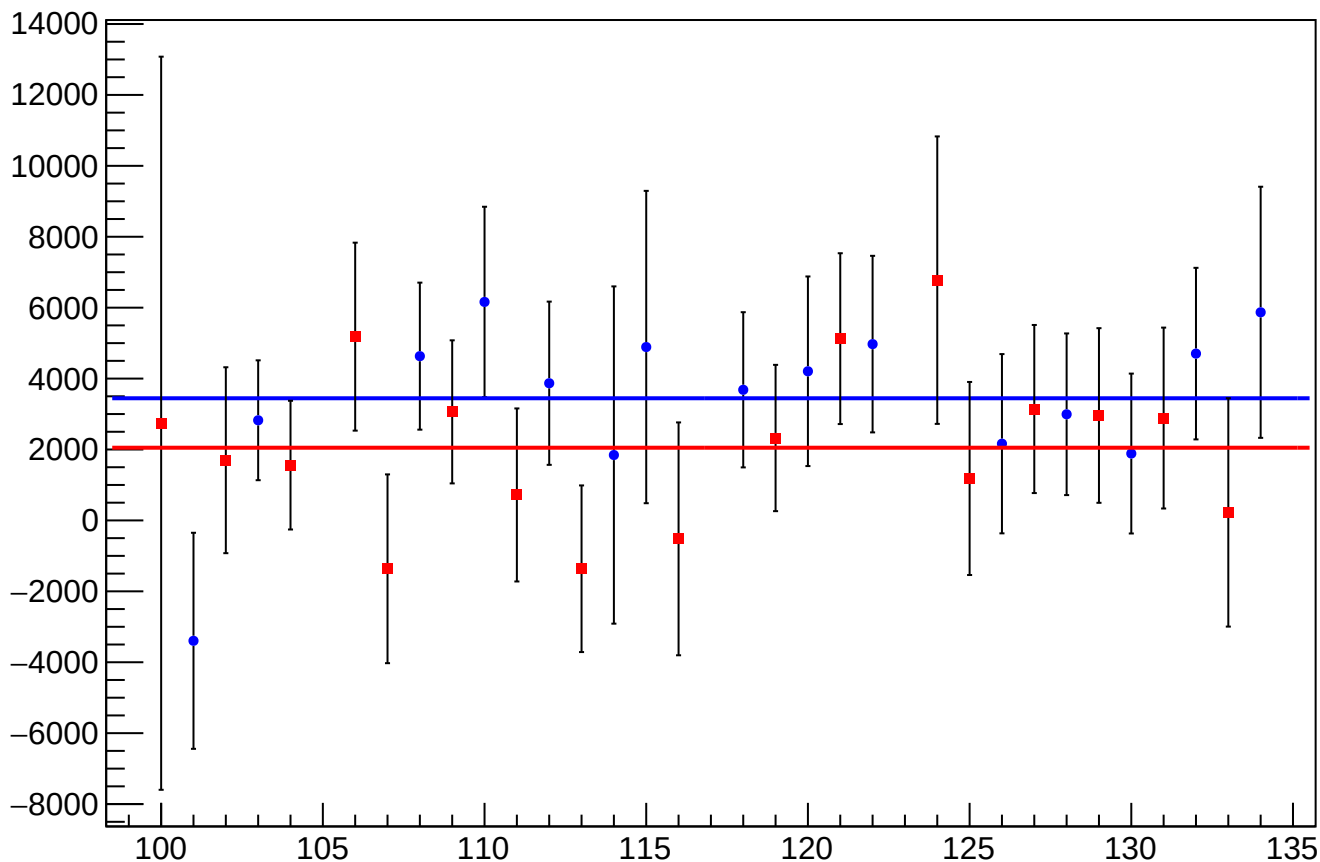
Right: 4729.329+/-0.965 χ^2/NDF : 1782772.1/31

In: 4862.773+/-1.415 χ^2/NDF : 788238.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4729.329+/-0.965 χ^2/NDF : 1782772.1/31

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3444.965+/-642.849 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2050.281+/-617.173 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

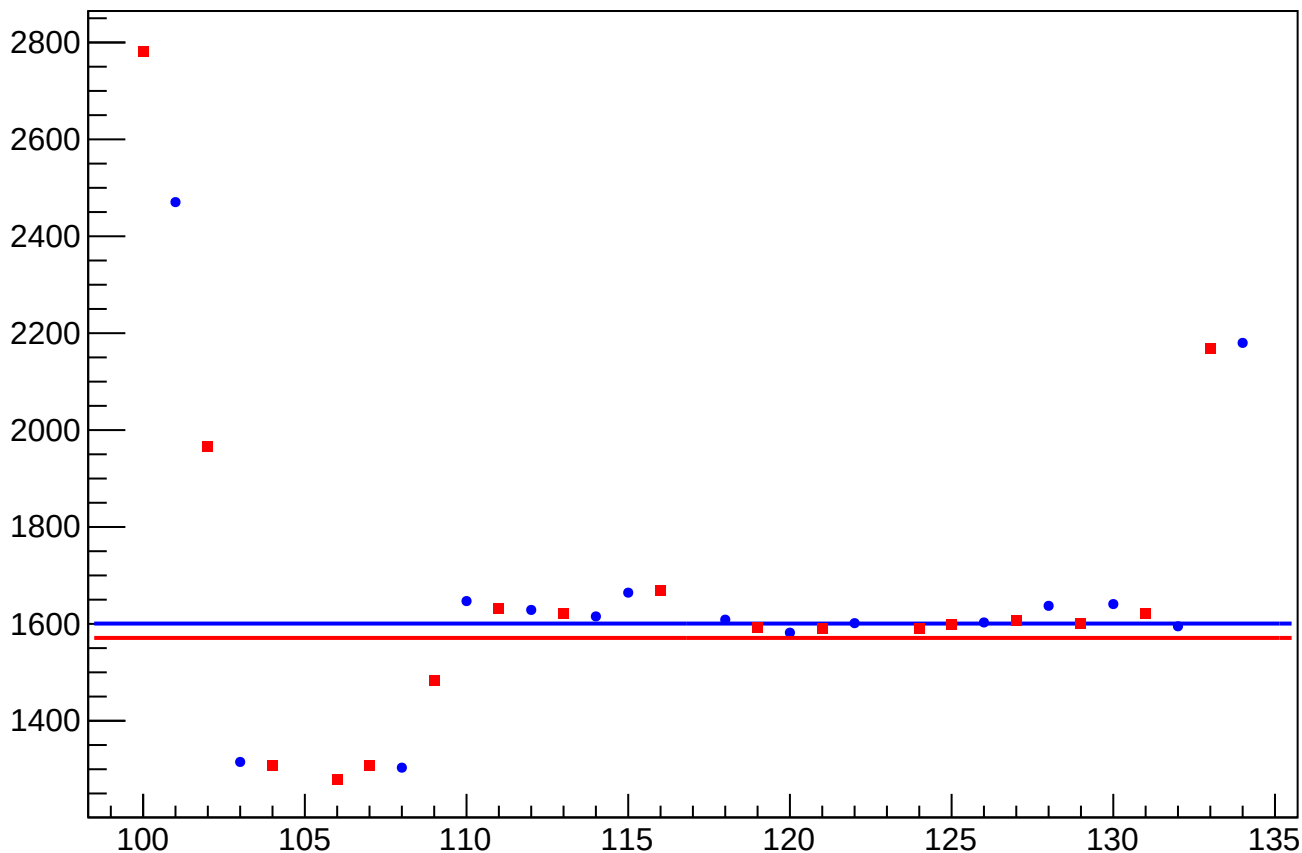
Right: 2719.215+/-445.208 χ^2/NDF : 21.5/31

In: 3444.965+/-642.849 χ^2/NDF : 8.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.215+/-445.208 χ^2/NDF : 21.5/31

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1600.675+/-0.455 χ^2/NDF : 317411.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1571.025+/-0.435 χ^2/NDF : 241862.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

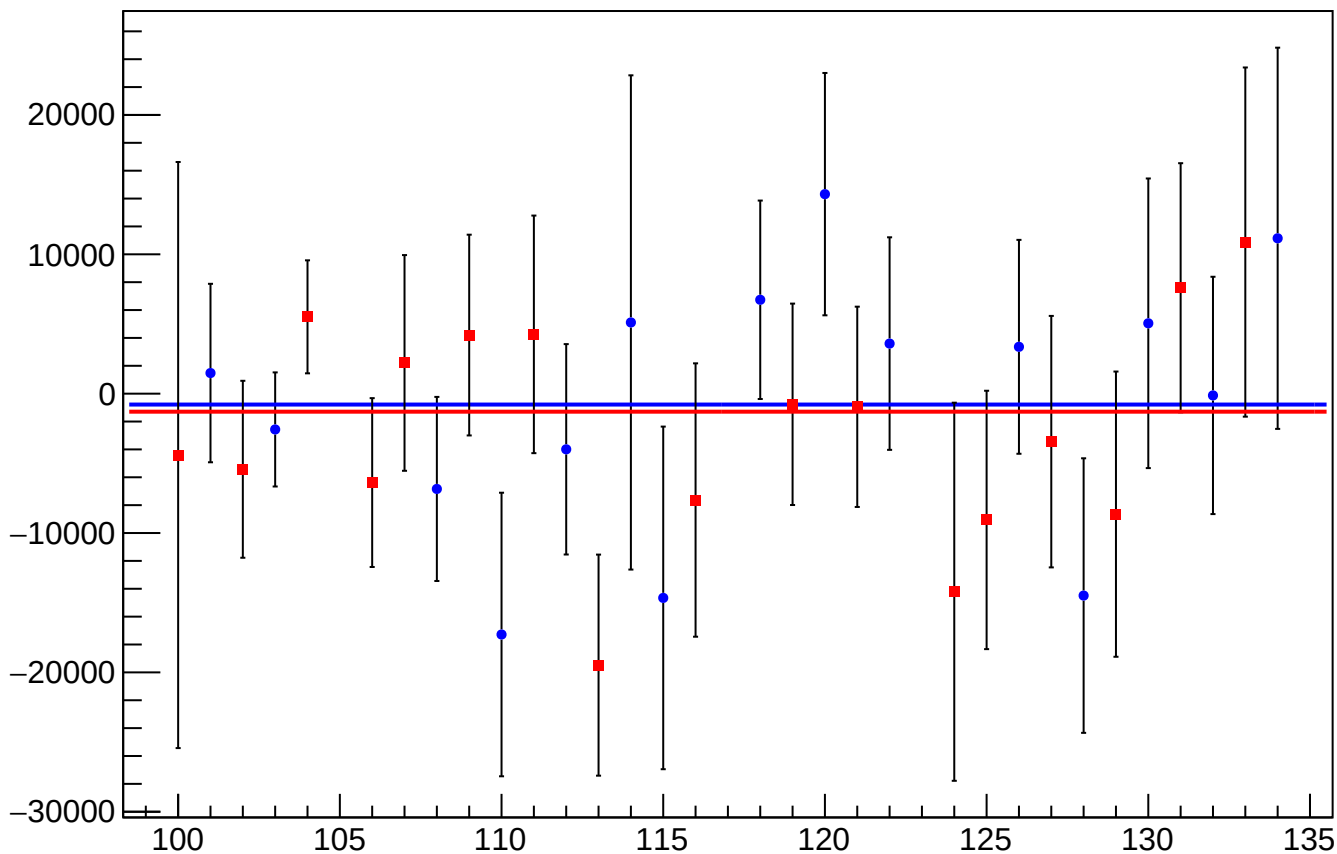
Right: 1585.182+/-0.314 χ^2/NDF : 561497.0/31

In: 1600.675+/-0.455 χ^2/NDF : 317411.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.182+/-0.314 χ^2/NDF : 561497.0/31

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -781.095+/-2000.714 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1292.744+/-1865.122 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

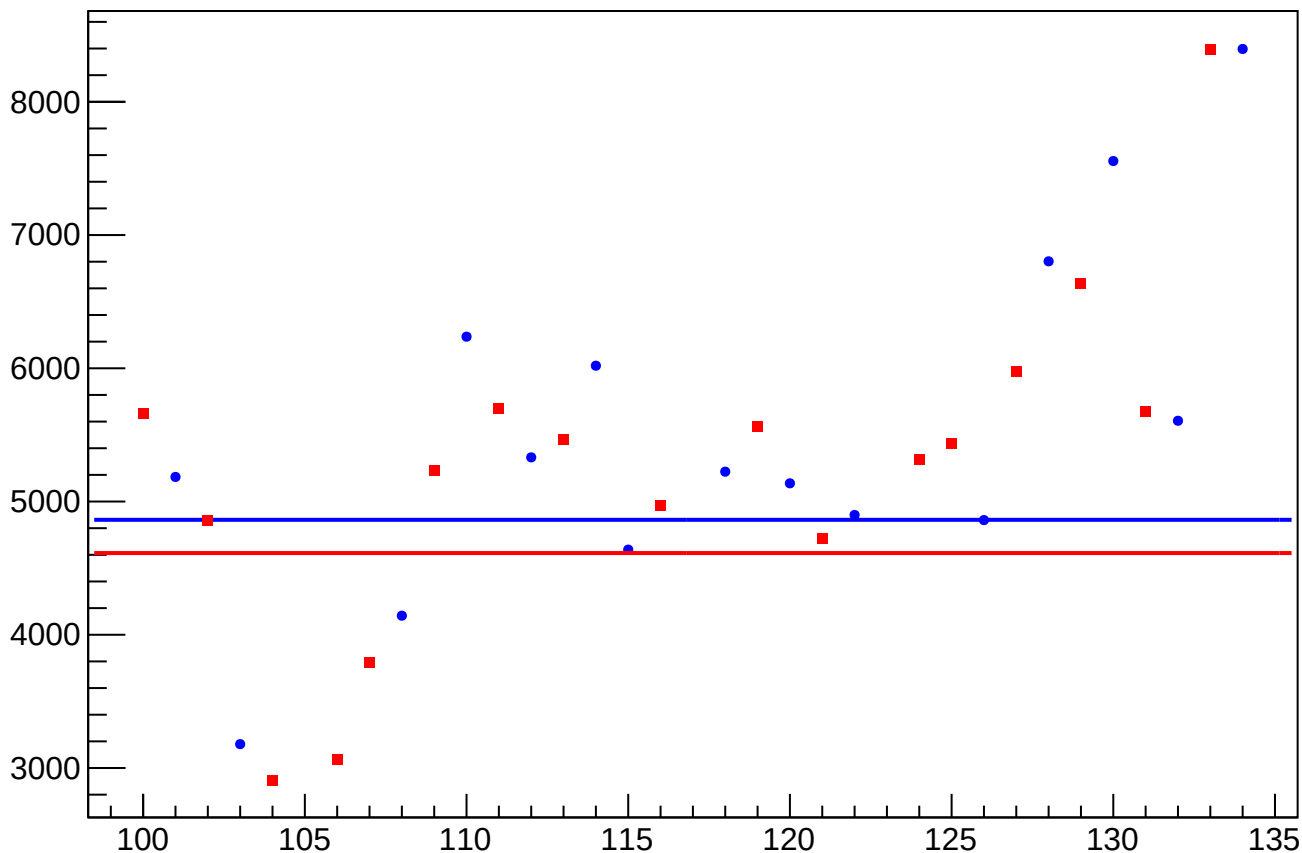
Right: -1054.843+/-1364.259 χ^2/NDF : 28.1/31

In: -781.095+/-2000.714 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1054.843+/-1364.259 χ^2/NDF : 28.1/31

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4862.773+/-1.415 χ^2/NDF : 788238.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.359+/-1.319 χ^2/NDF : 977904.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

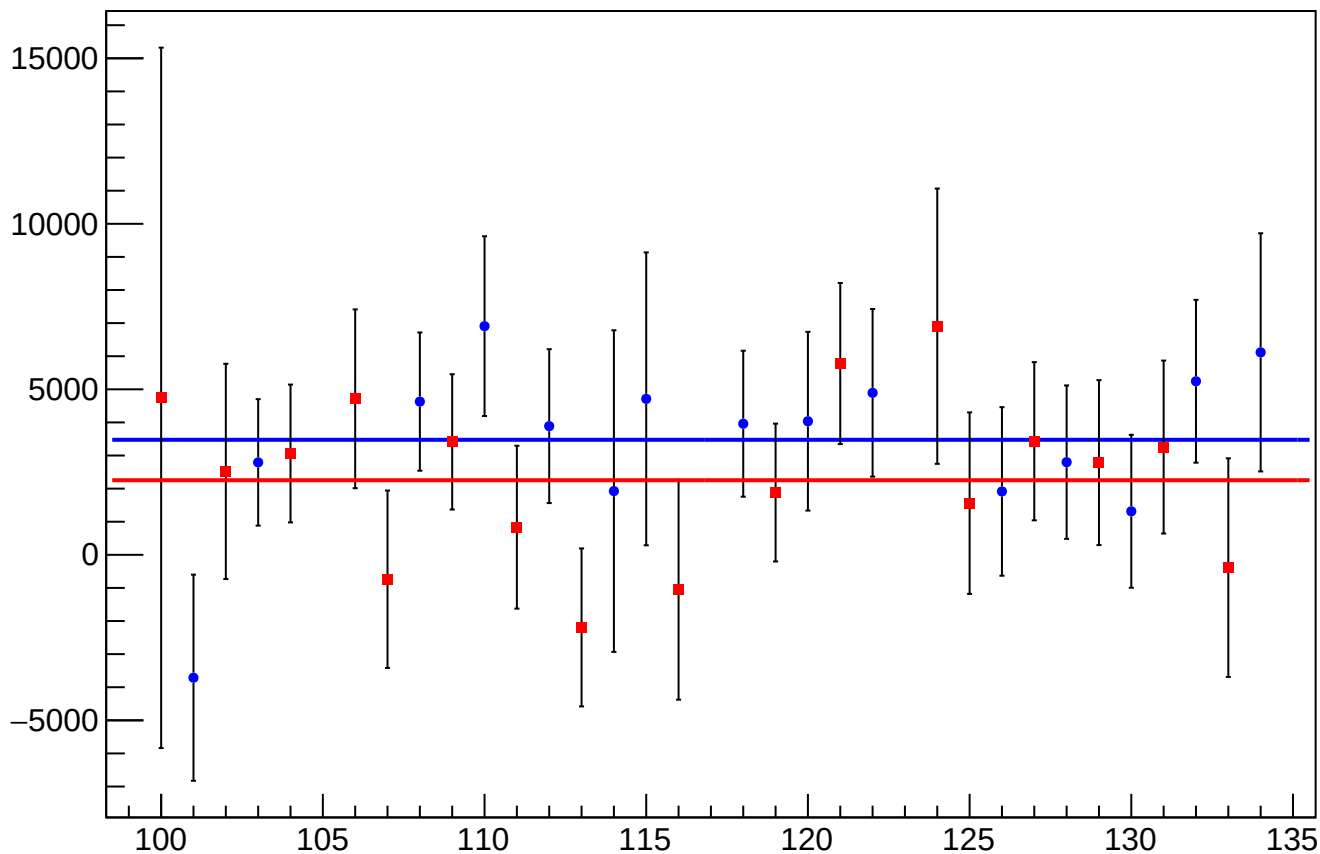
Right: 4729.329+/-0.965 χ^2/NDF : 1782772.1/31

In: 4862.773+/-1.415 χ^2/NDF : 788238.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4729.329+/-0.965 χ^2/NDF : 1782772.1/31

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3474.677 $\pm$ 660.860 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2253.598 $\pm$ 639.355 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

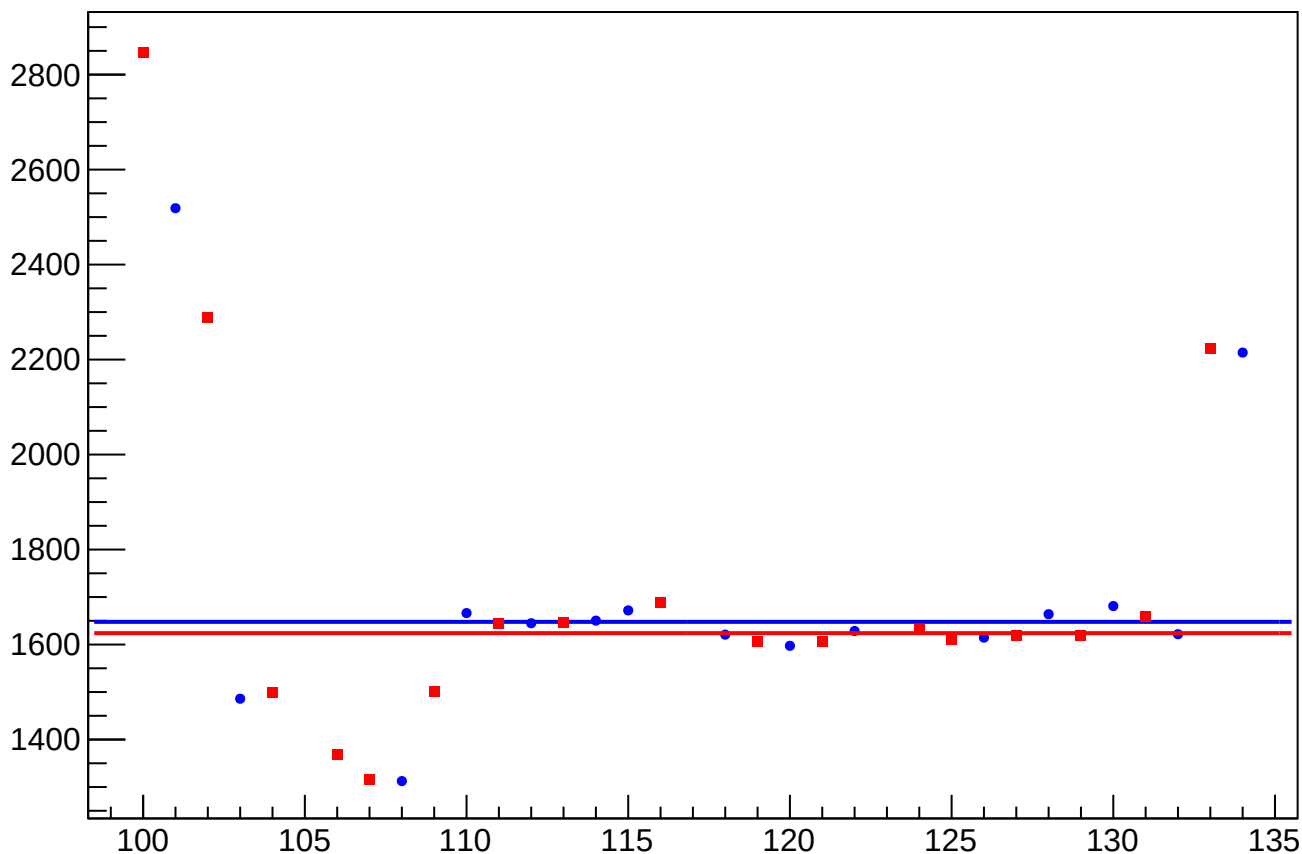
Right: 2843.947 $\pm$ 459.507 χ^2 /NDF: 24.1/31

In: 3474.677 $\pm$ 660.860 χ^2 /NDF:10.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2843.947 $\pm$ 459.507 χ^2 /NDF: 24.1/31

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1647.783+/-0.467 χ^2/NDF : 274362.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1624.013+/-0.452 χ^2/NDF : 237188.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

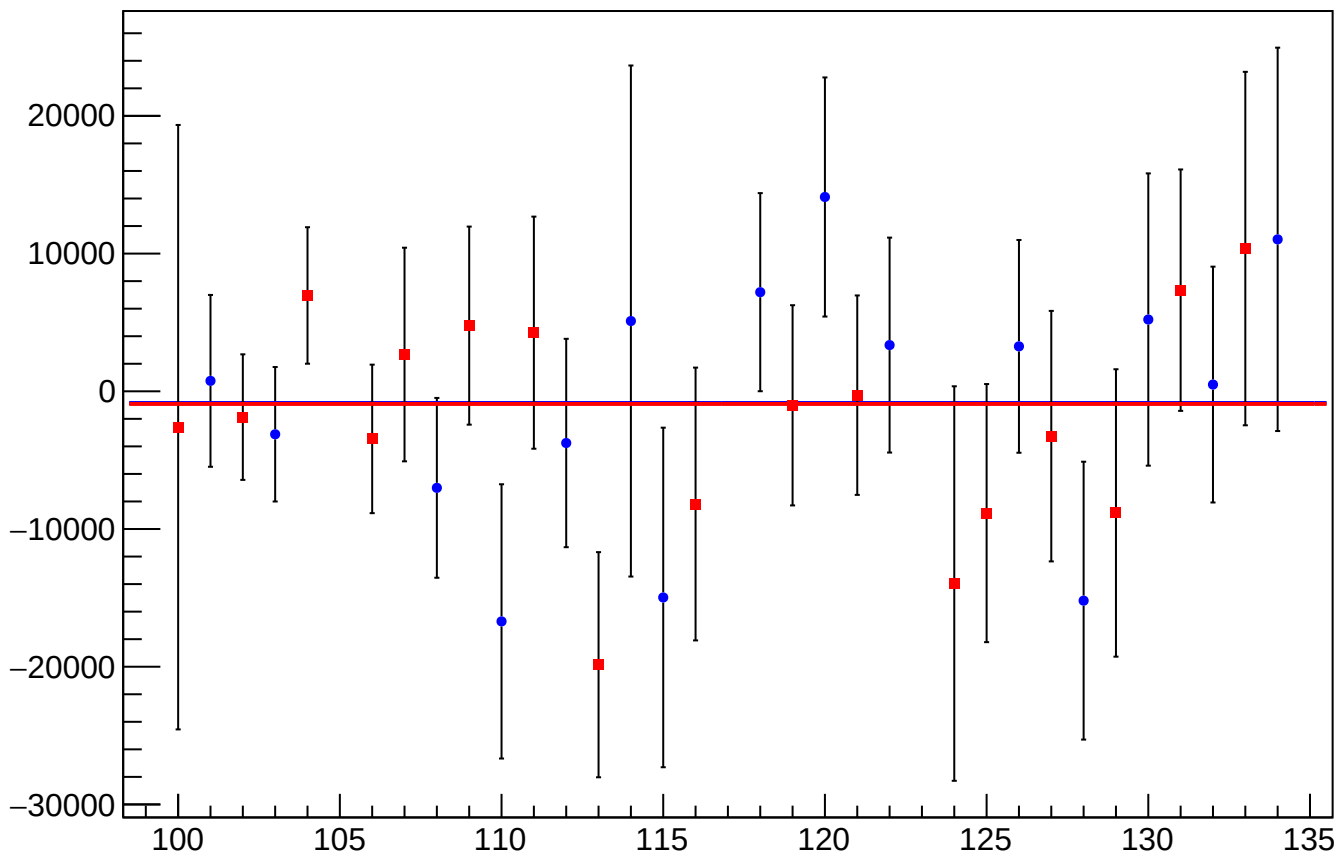
Right: 1635.493+/-0.325 χ^2/NDF : 512888.2/31

In: 1647.783+/-0.467 χ^2/NDF : 274362.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.493+/-0.325 χ^2/NDF : 512888.2/31

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -851.025+/-2078.822 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -916.056+/-1840.838 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

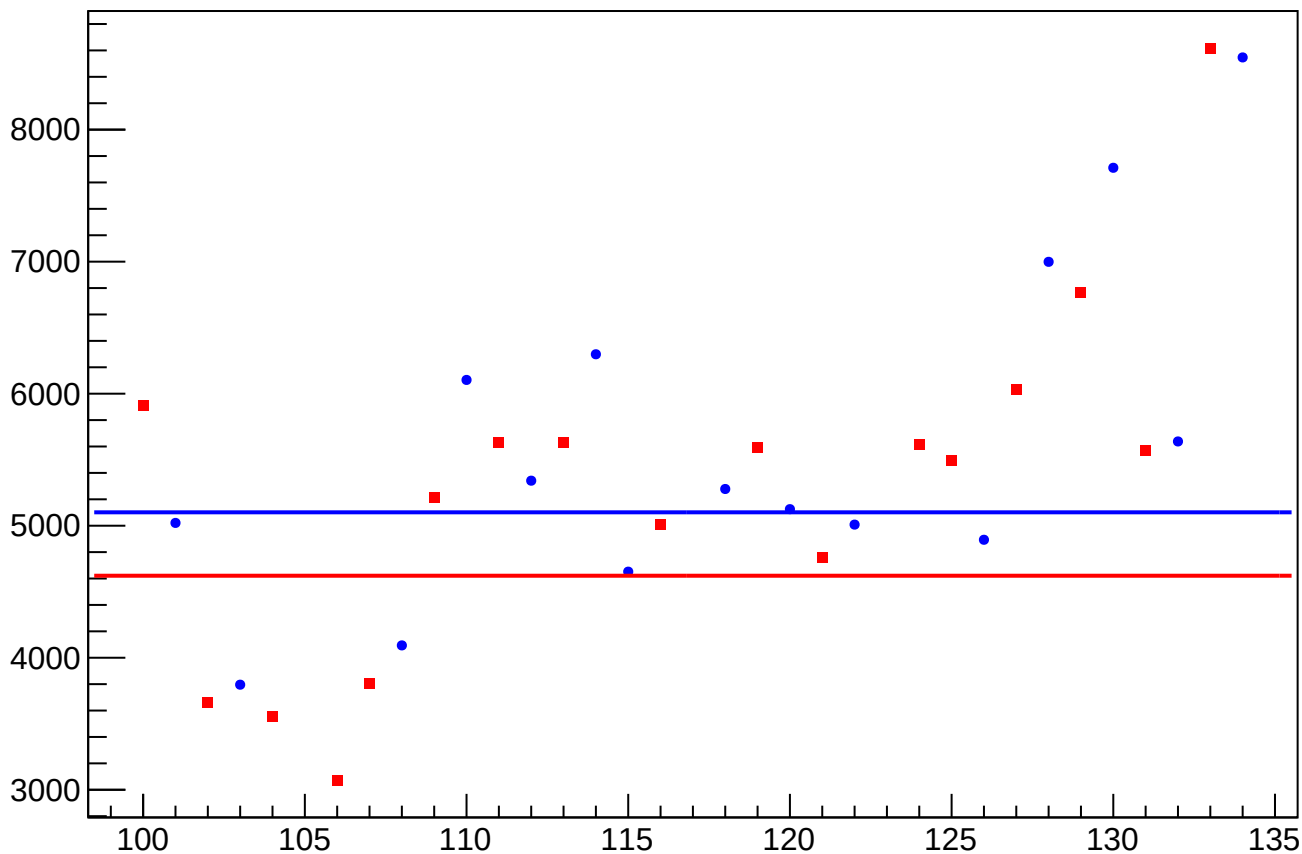
Right: -887.474+/-1378.162 χ^2/NDF : 26.9/31

In: -851.025+/-2078.822 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -887.474+/-1378.162 χ^2/NDF : 26.9/31

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5101.436+/-1.470 χ^2/NDF : 549299.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4621.198+/-1.302 χ^2/NDF : 862824.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

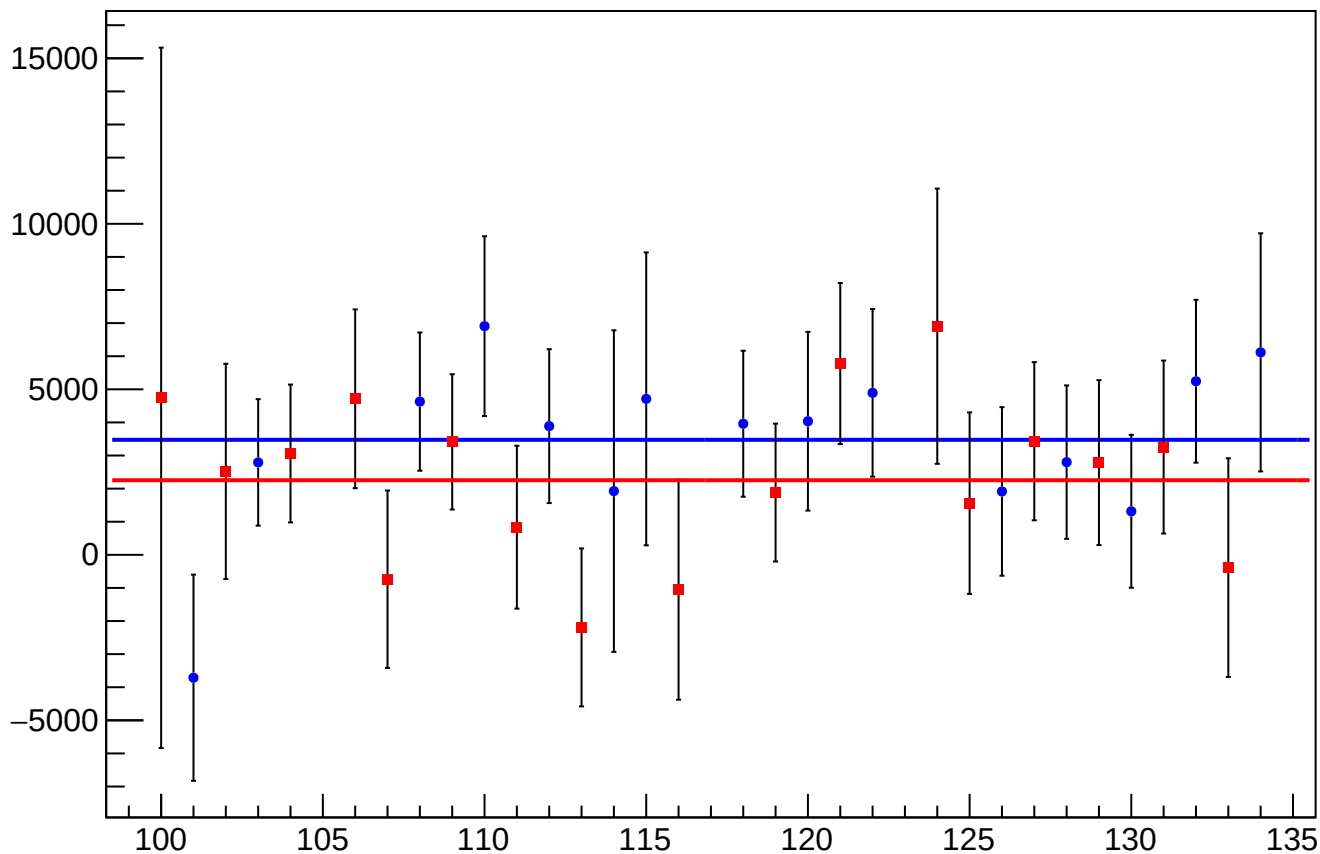
Right: 4832.266+/-0.975 χ^2/NDF : 1471948.5/31

In: 5101.436+/-1.470 χ^2/NDF : 549299.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4832.266+/-0.975 χ^2/NDF : 1471948.5/31

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3474.676+/-660.860 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.604+/-639.355 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

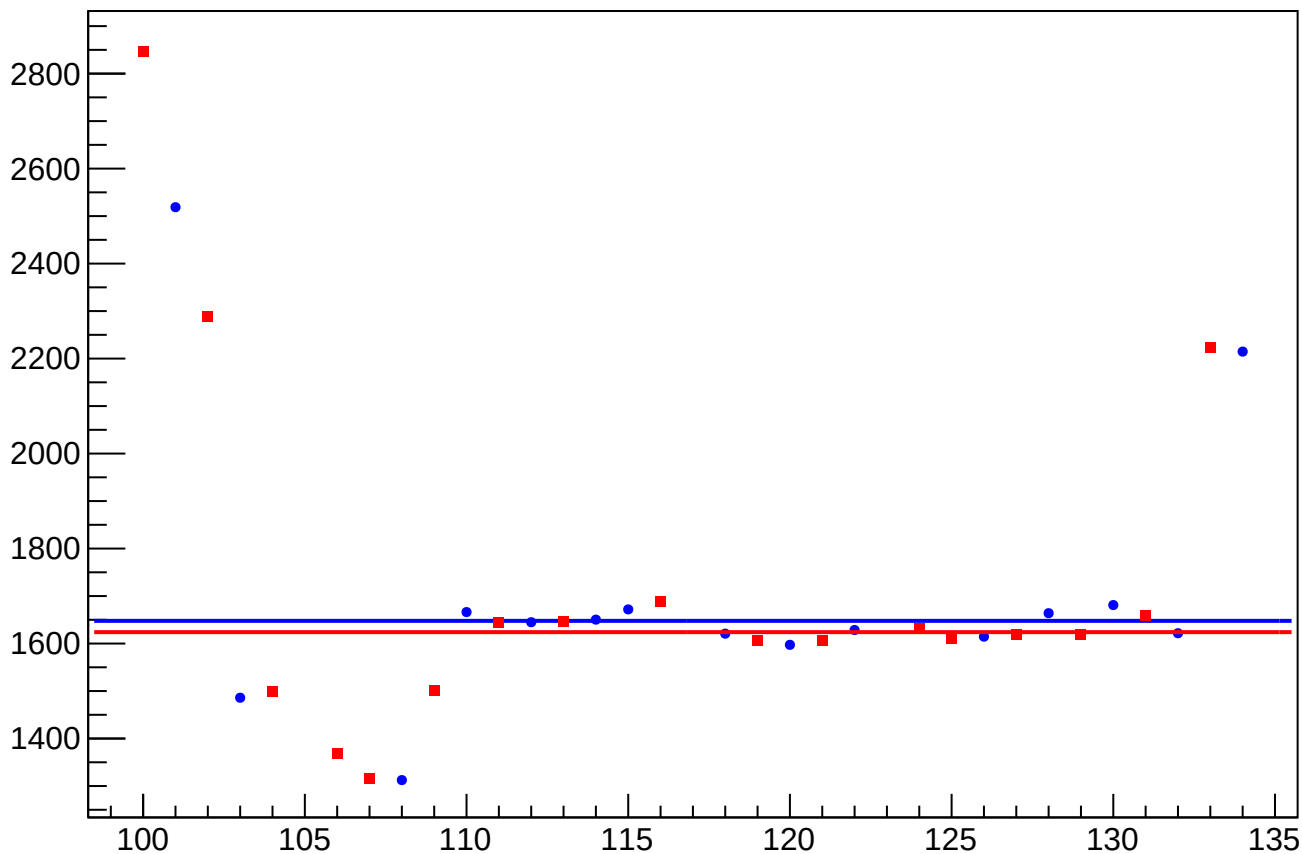
Right: 2843.950+/-459.507 χ^2/NDF : 24.1/31

In: 3474.676+/-660.860 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.950+/-459.507 χ^2/NDF : 24.1/31

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1647.783+/-0.467 χ^2/NDF : 274362.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1624.012+/-0.452 χ^2/NDF : 237188.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

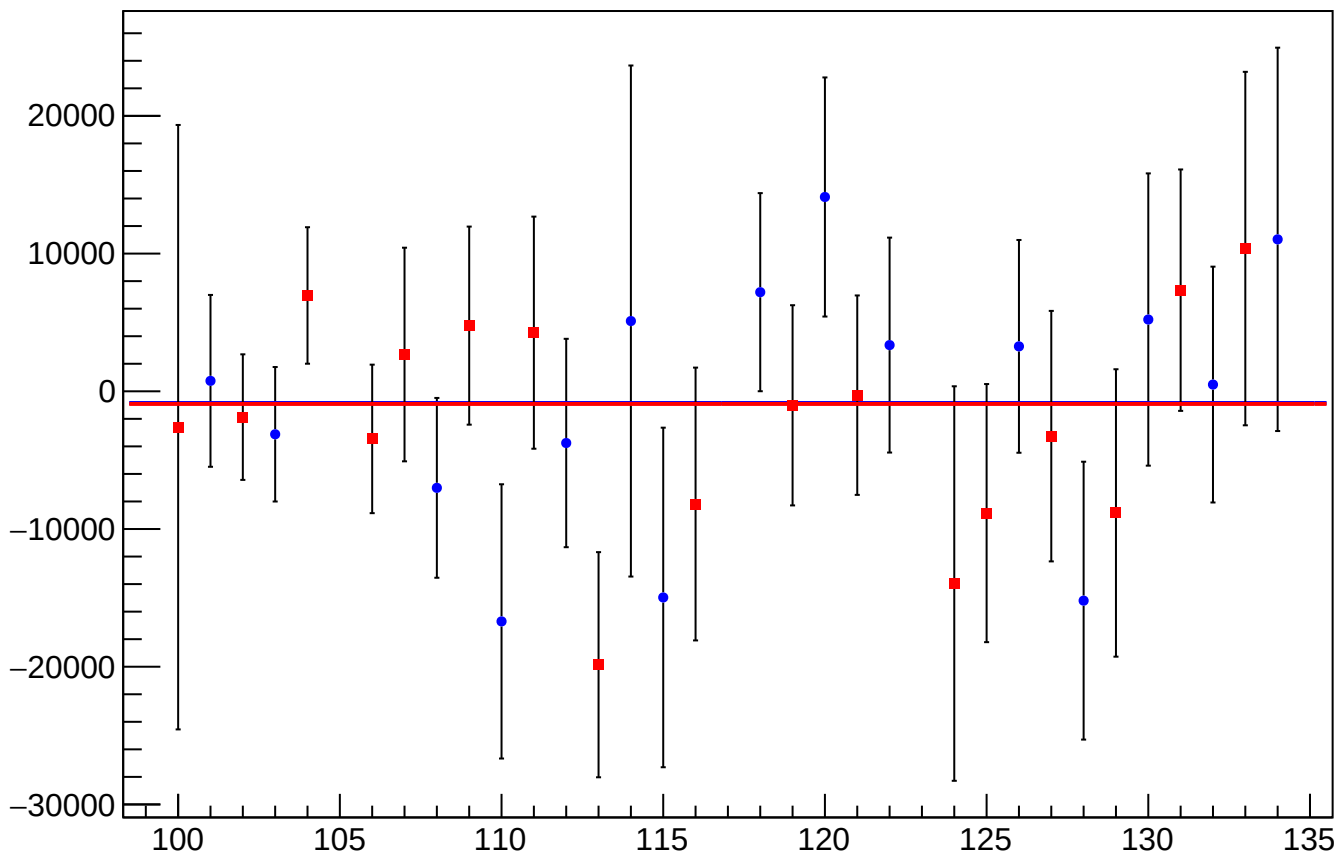
Right: 1635.493+/-0.325 χ^2/NDF : 512888.0/31

In: 1647.783+/-0.467 χ^2/NDF : 274362.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.493+/-0.325 χ^2/NDF : 512888.0/31

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -851.020 $\pm$ 2078.817 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -916.055 $\pm$ 1840.834 χ^2 /NDF: 13.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

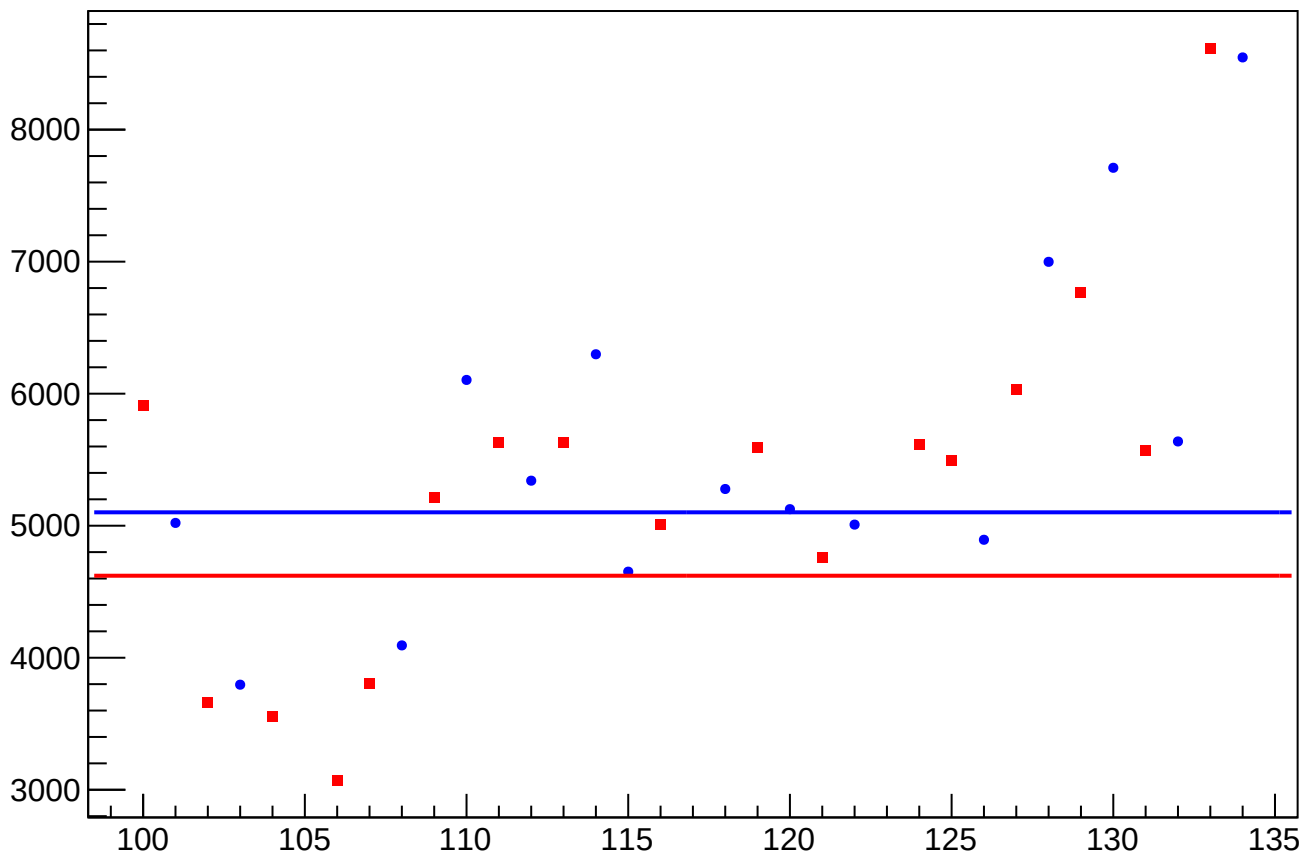
Right: -887.472 $\pm$ 1378.159 χ^2 /NDF: 26.9/31

In: -851.020 $\pm$ 2078.817 χ^2 /NDF:13.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -887.472 $\pm$ 1378.159 χ^2 /NDF: 26.9/31

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5101.425+/-1.470 χ^2/NDF : 549294.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4621.189+/-1.302 χ^2/NDF : 862818.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

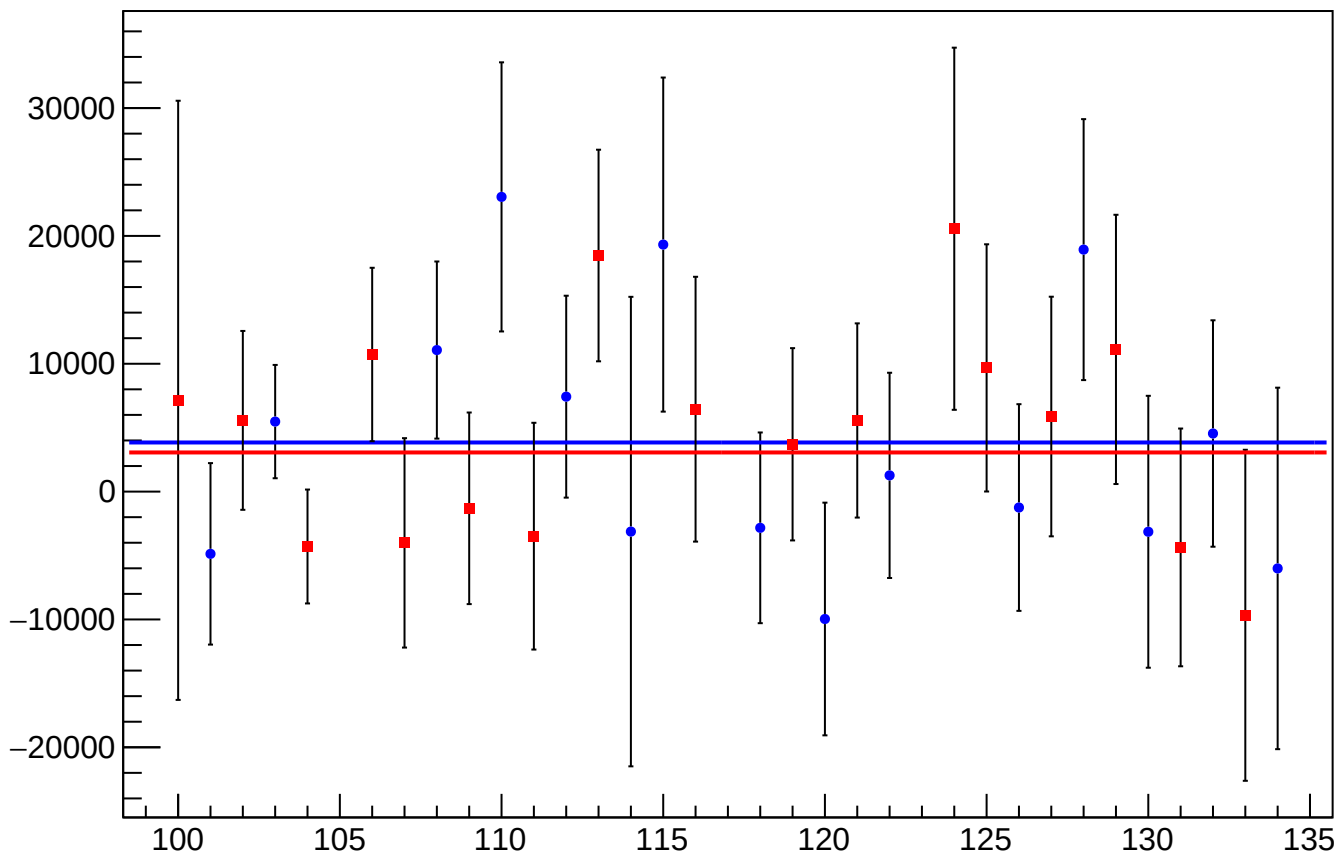
Right: 4832.257+/-0.975 χ^2/NDF : 1471937.4/31

In: 5101.425+/-1.470 χ^2/NDF : 549294.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4832.257+/-0.975 χ^2/NDF : 1471937.4/31

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3842.657+/-2119.700 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3061.935+/-1990.573 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

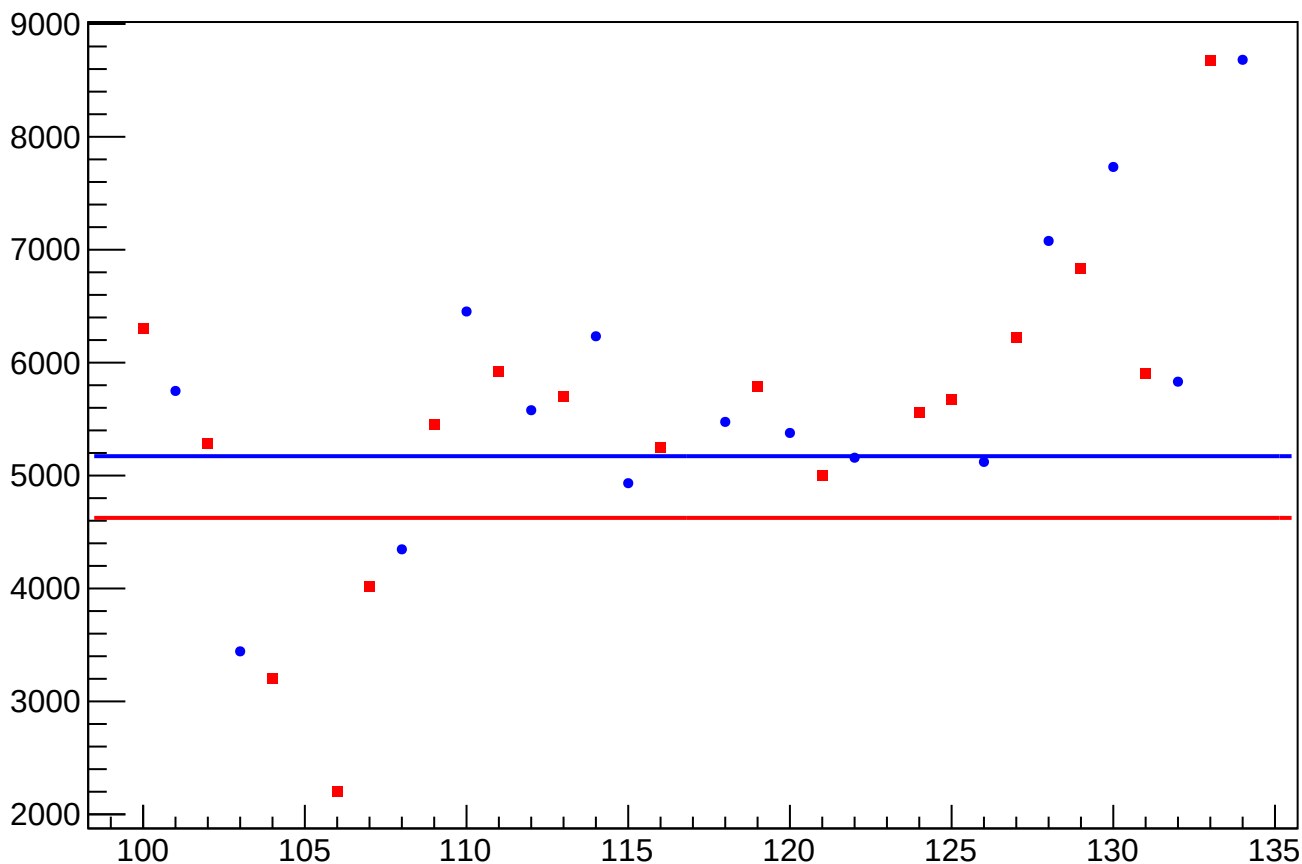
Right: 3427.794+/-1451.051 χ^2/NDF : 28.4/31

In: 3842.657+/-2119.700 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3427.794+/-1451.051 χ^2/NDF : 28.4/31

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 5171.704+/-1.499 χ^2/NDF : 712746.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4625.246+/-1.348 χ^2/NDF : 1340844.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

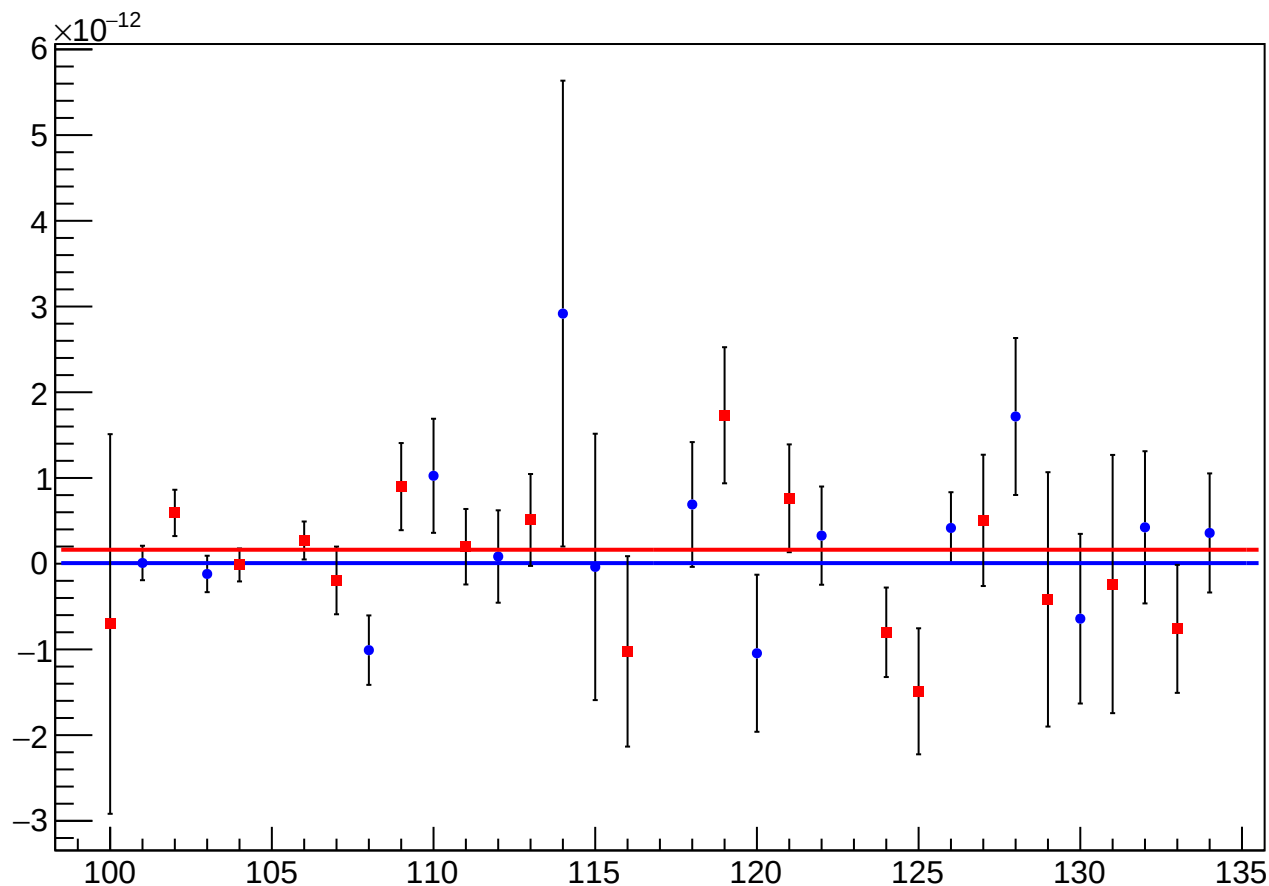
Right: 4869.534+/-1.002 χ^2/NDF : 2127091.3/31

In: 5171.704+/-1.499 χ^2/NDF : 712746.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4869.534+/-1.002 χ^2/NDF : 2127091.3/31

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

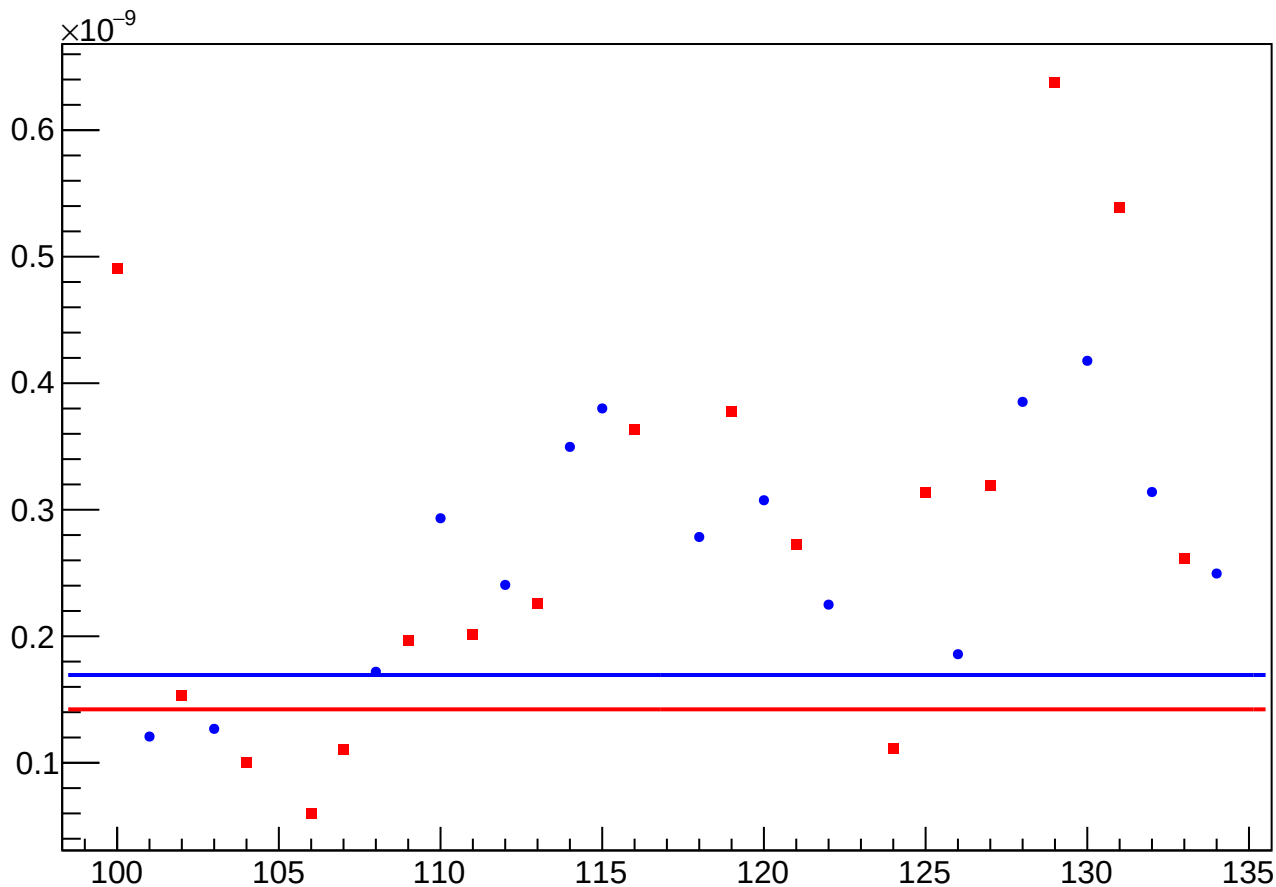
Right: 0.000+/-0.000 χ^2/NDF : 42.5/31

In: 0.000+/-0.000 χ^2/NDF : 18.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.5/31

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 776415.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1524848.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

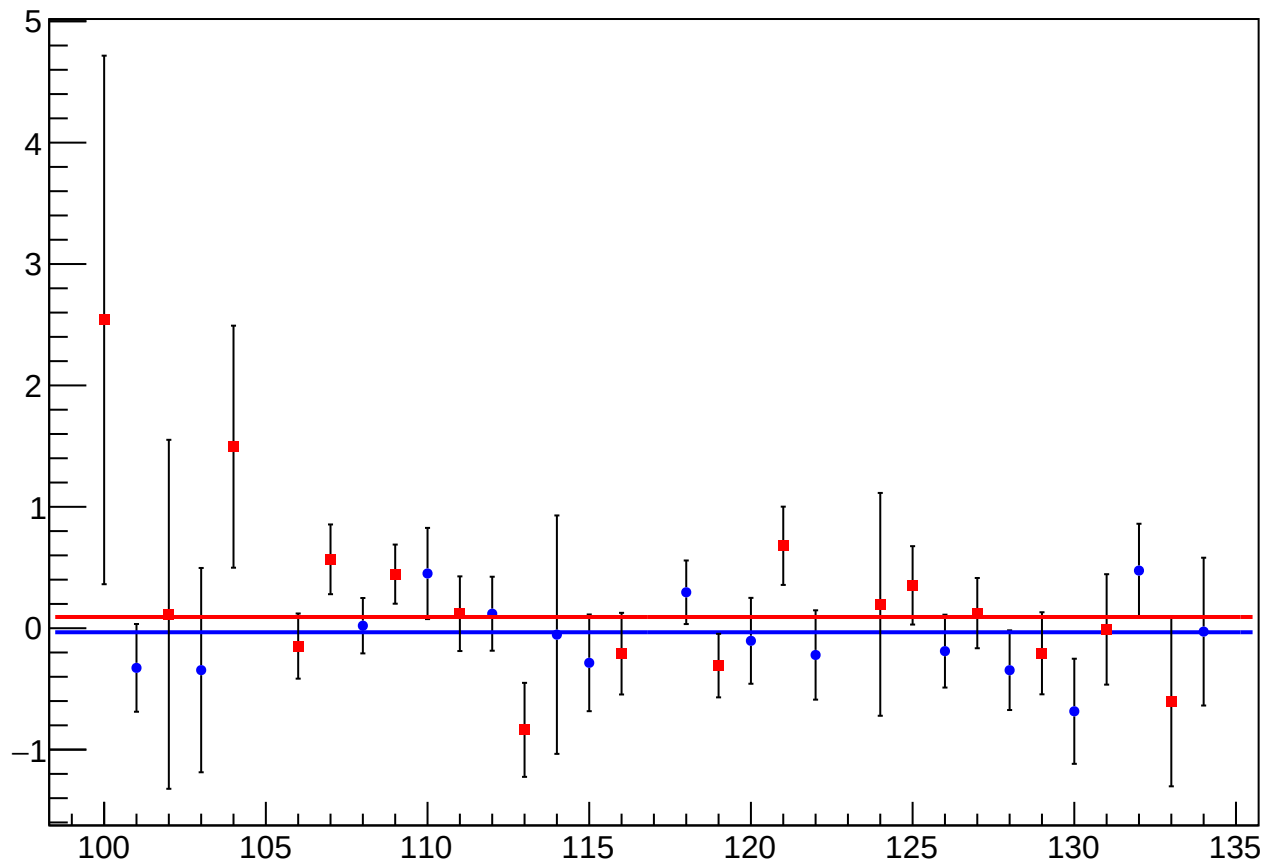
Right: 0.000+/-0.000 χ^2/NDF : 2363856.2/31

In: 0.000+/-0.000 χ^2/NDF : 776415.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2363856.2/31

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.092+/-0.087 χ^2/NDF : 23.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

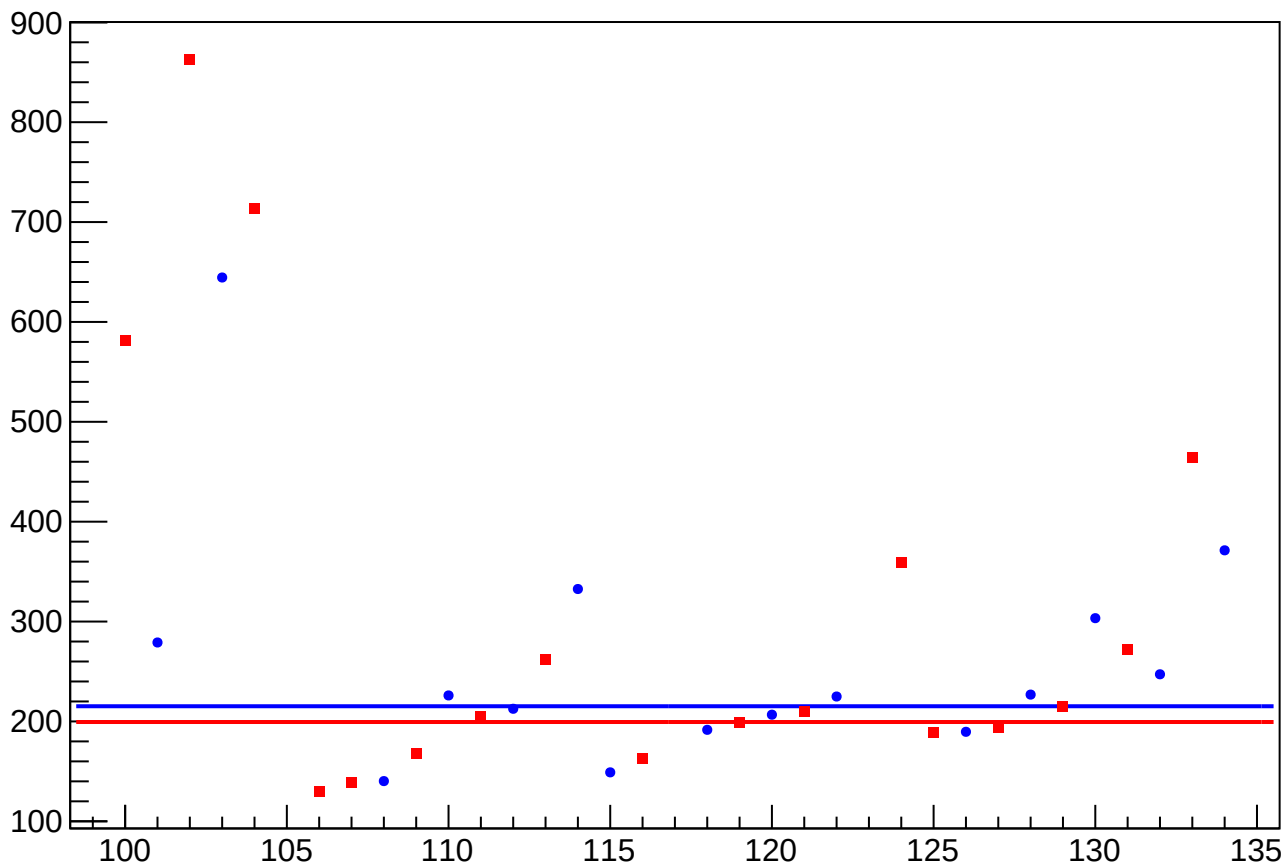
Right: 0.033+/-0.063 χ^2/NDF : 34.8/31

In: -0.033+/-0.092 χ^2/NDF :10.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.033+/-0.063 χ^2/NDF : 34.8/31

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.204+/-0.065 χ^2/NDF : 1148551.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.421+/-0.061 χ^2/NDF : 1760366.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

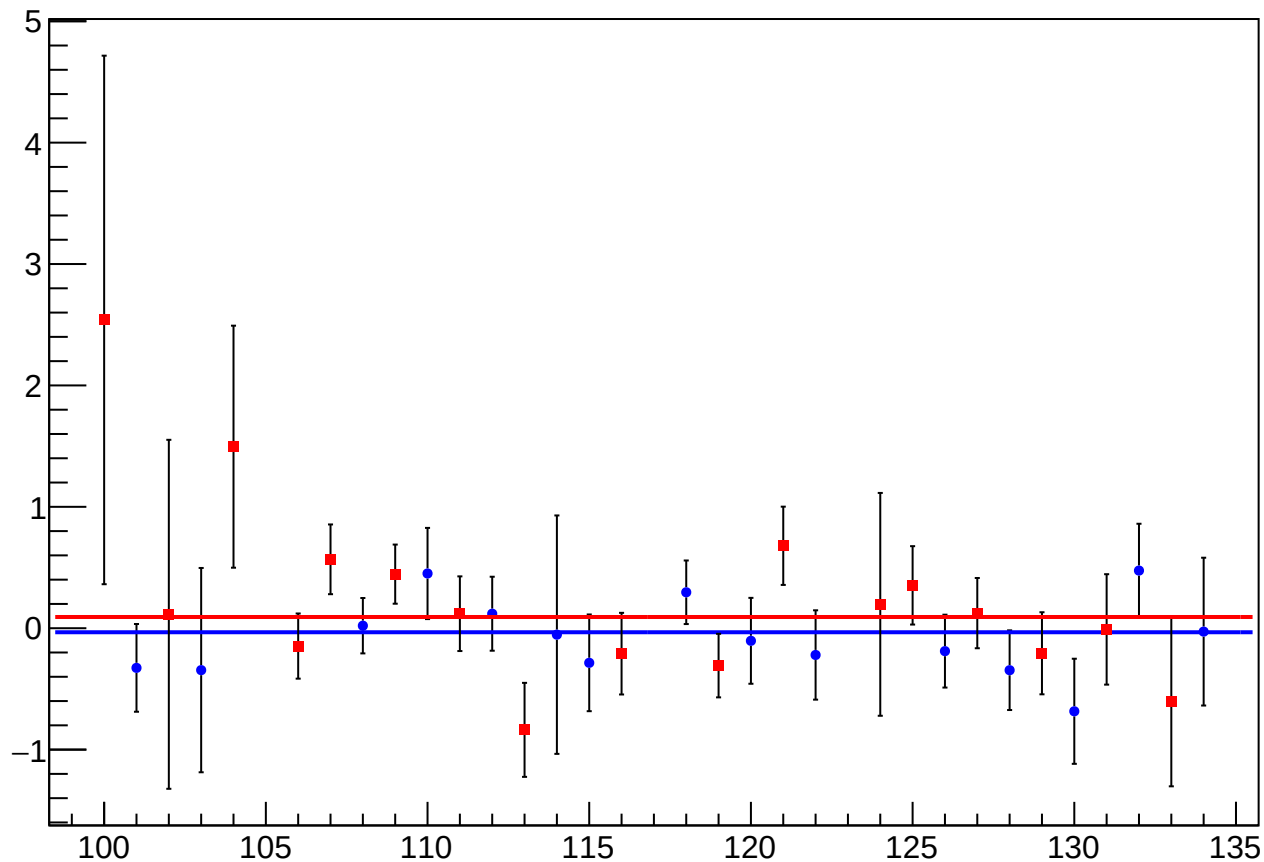
Right: 206.855+/-0.045 χ^2/NDF : 2940174.6/31

In: 215.204+/-0.065 χ^2/NDF : 1148551.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.855+/-0.045 χ^2/NDF : 2940174.6/31

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.092+/-0.087 χ^2/NDF : 23.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

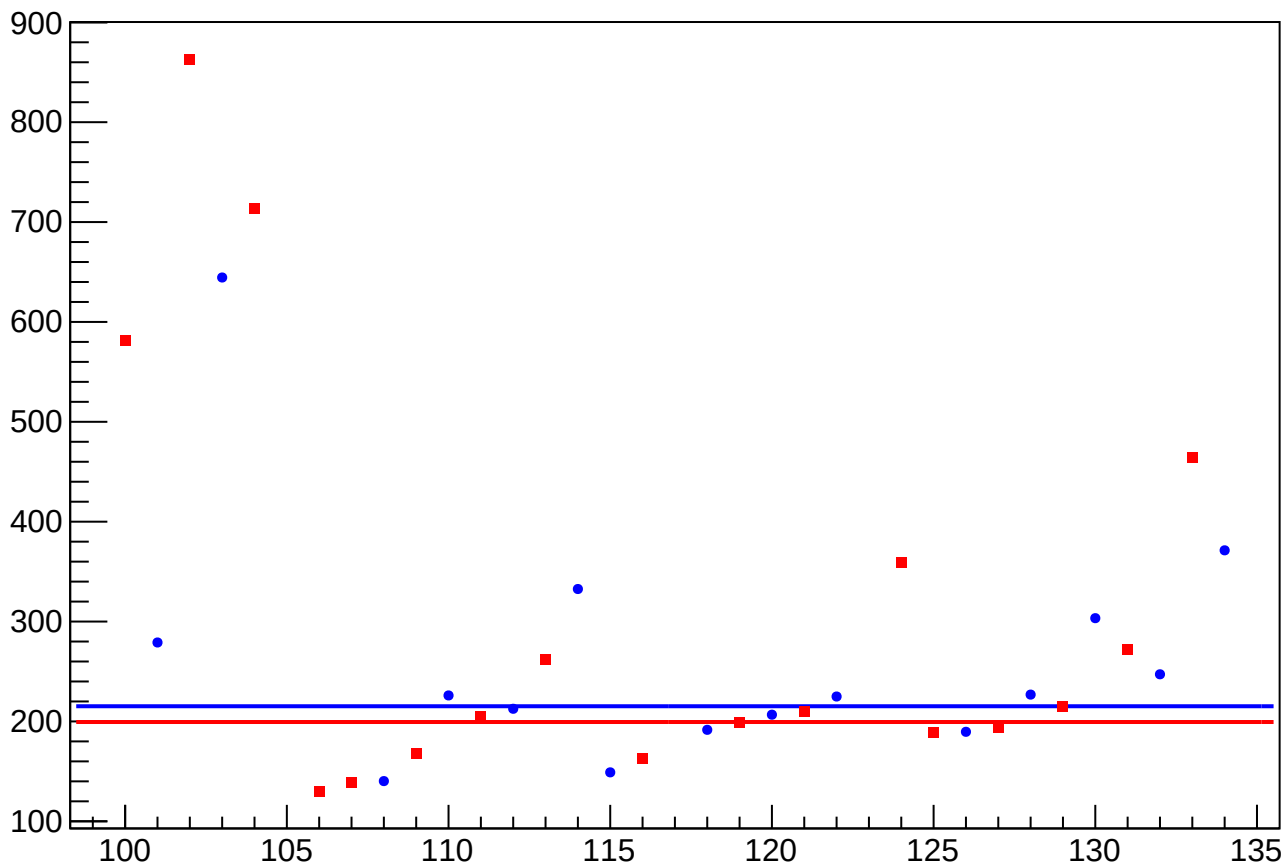
Right: 0.033+/-0.063 χ^2/NDF : 34.8/31

In: -0.033+/-0.092 χ^2/NDF :10.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.033+/-0.063 χ^2/NDF : 34.8/31

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.204+/-0.065 χ^2/NDF : 1148551.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.421+/-0.061 χ^2/NDF : 1760366.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

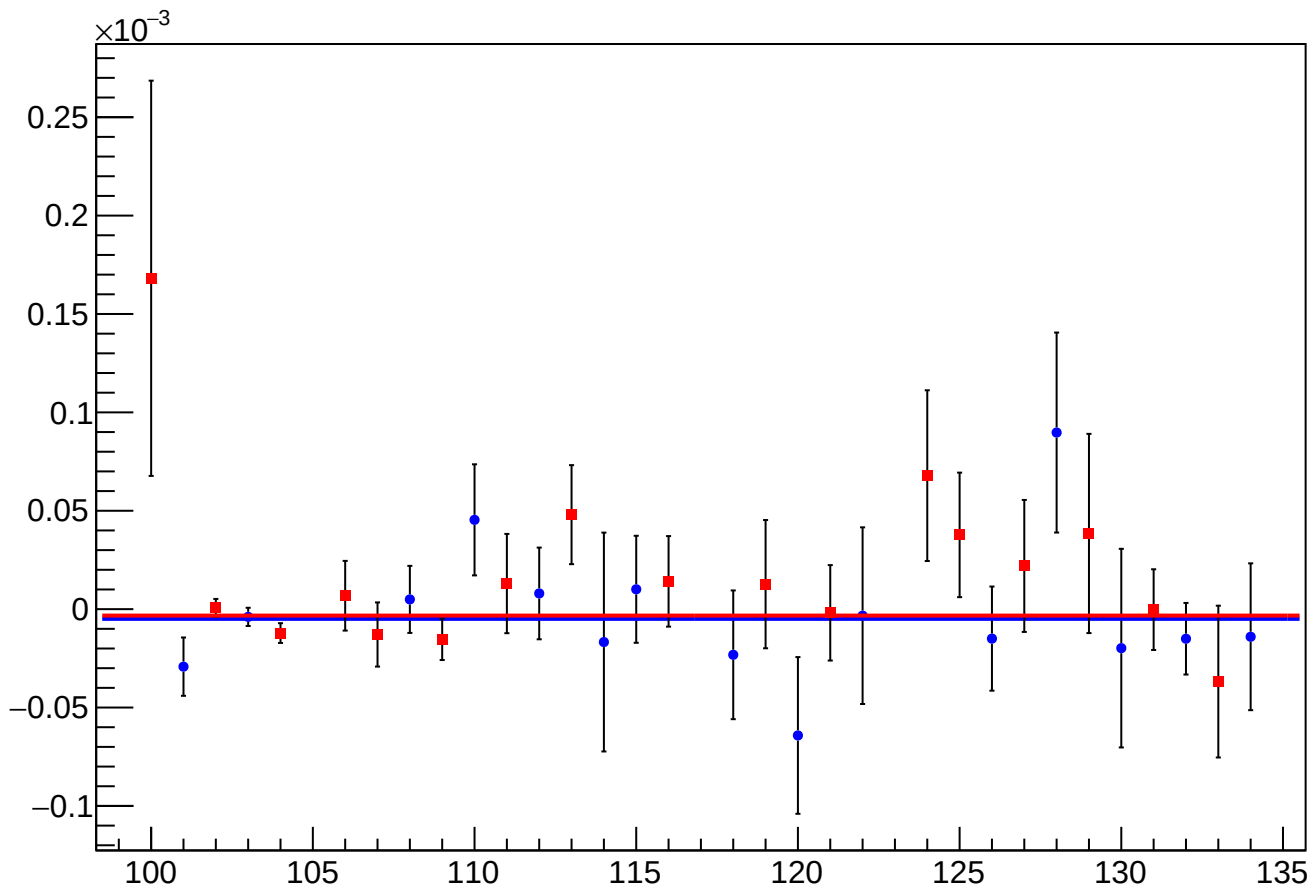
Right: 206.855+/-0.045 χ^2/NDF : 2940174.6/31

In: 215.204+/-0.065 χ^2/NDF : 1148551.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.855+/-0.045 χ^2/NDF : 2940174.6/31

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

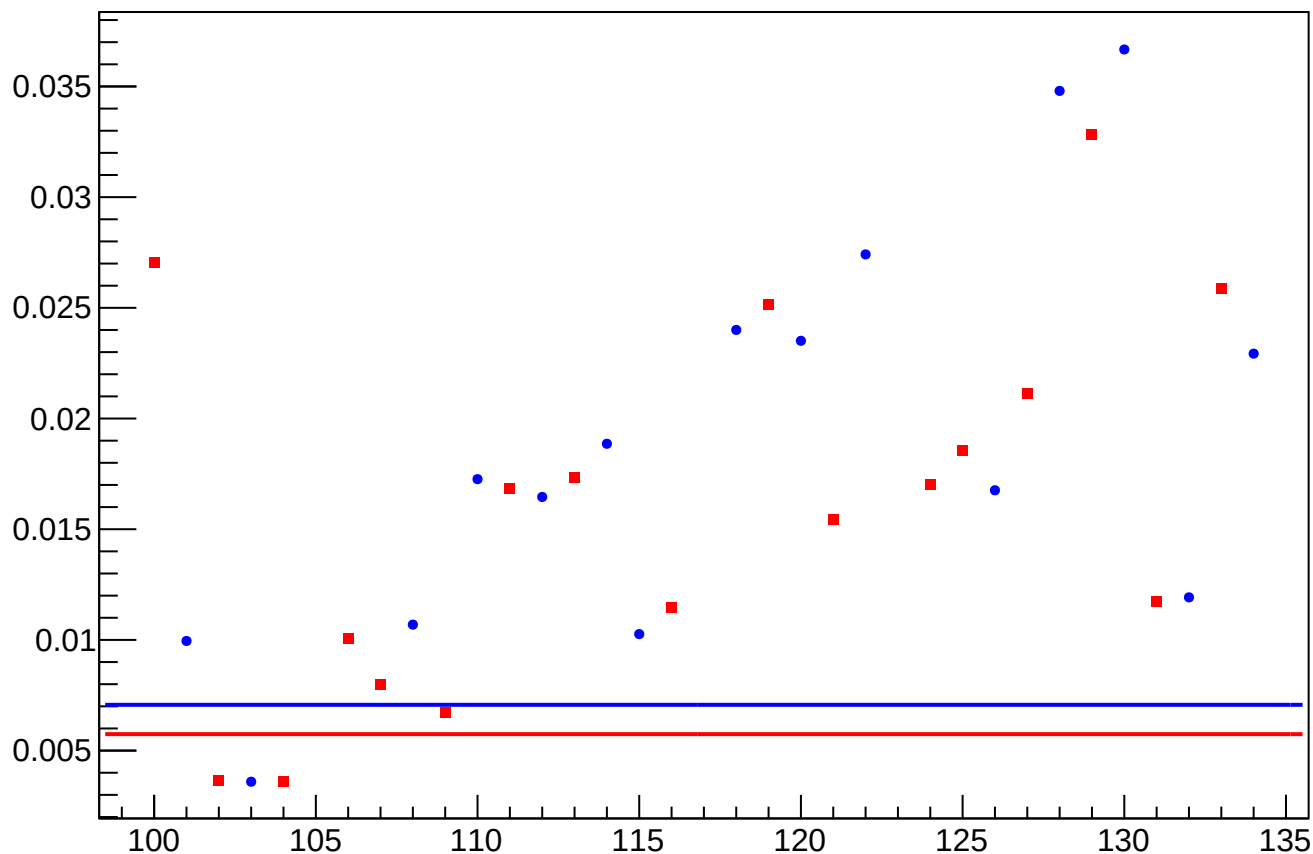
Right: -0.000+/-0.000 χ^2/NDF : 34.2/31

In: -0.000+/-0.000 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/31

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 5341469.2/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 5177911.0/16

Left 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 : 10669980.7/31

In: 0.007+/-0.000

χ^2/NDF : 5341469.2/14

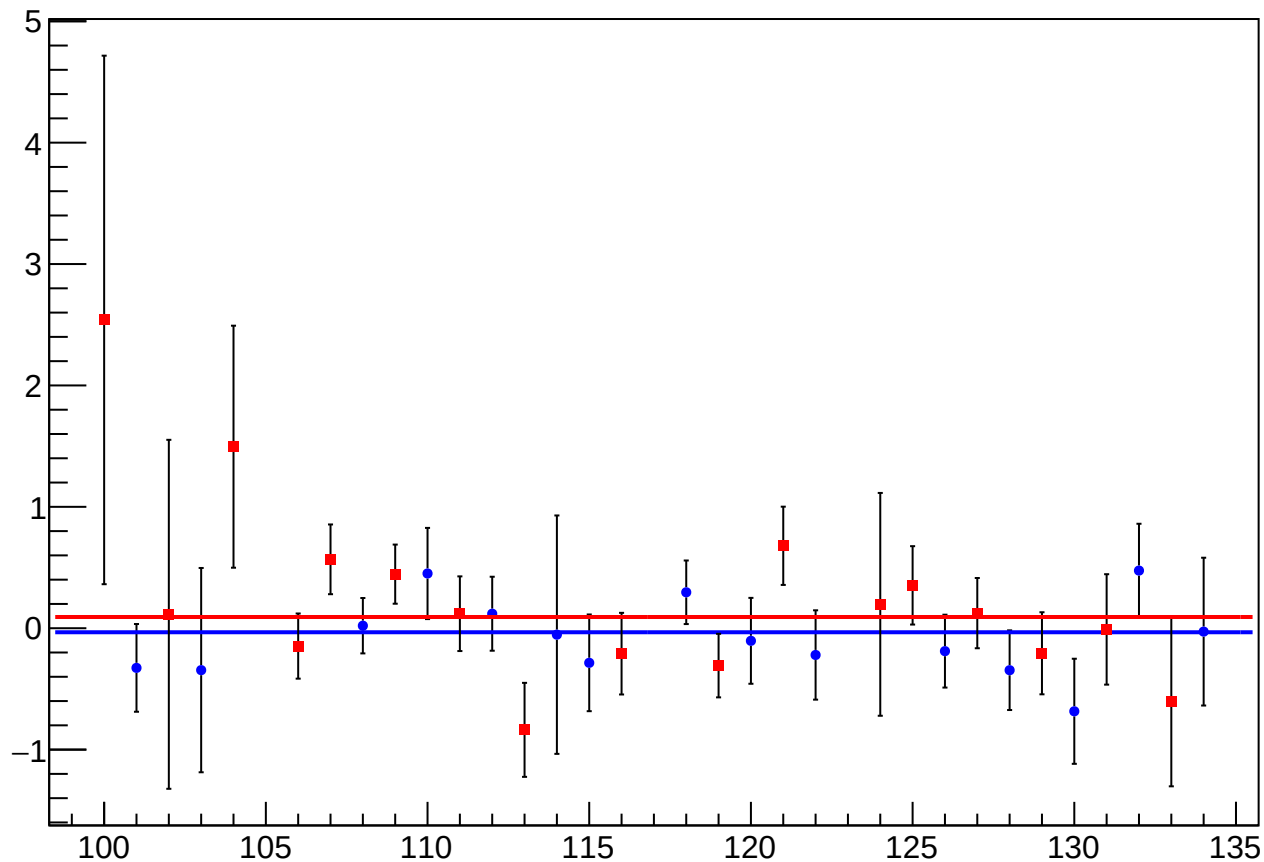
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 10669980.7/31

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.092+/-0.087 χ^2/NDF : 23.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

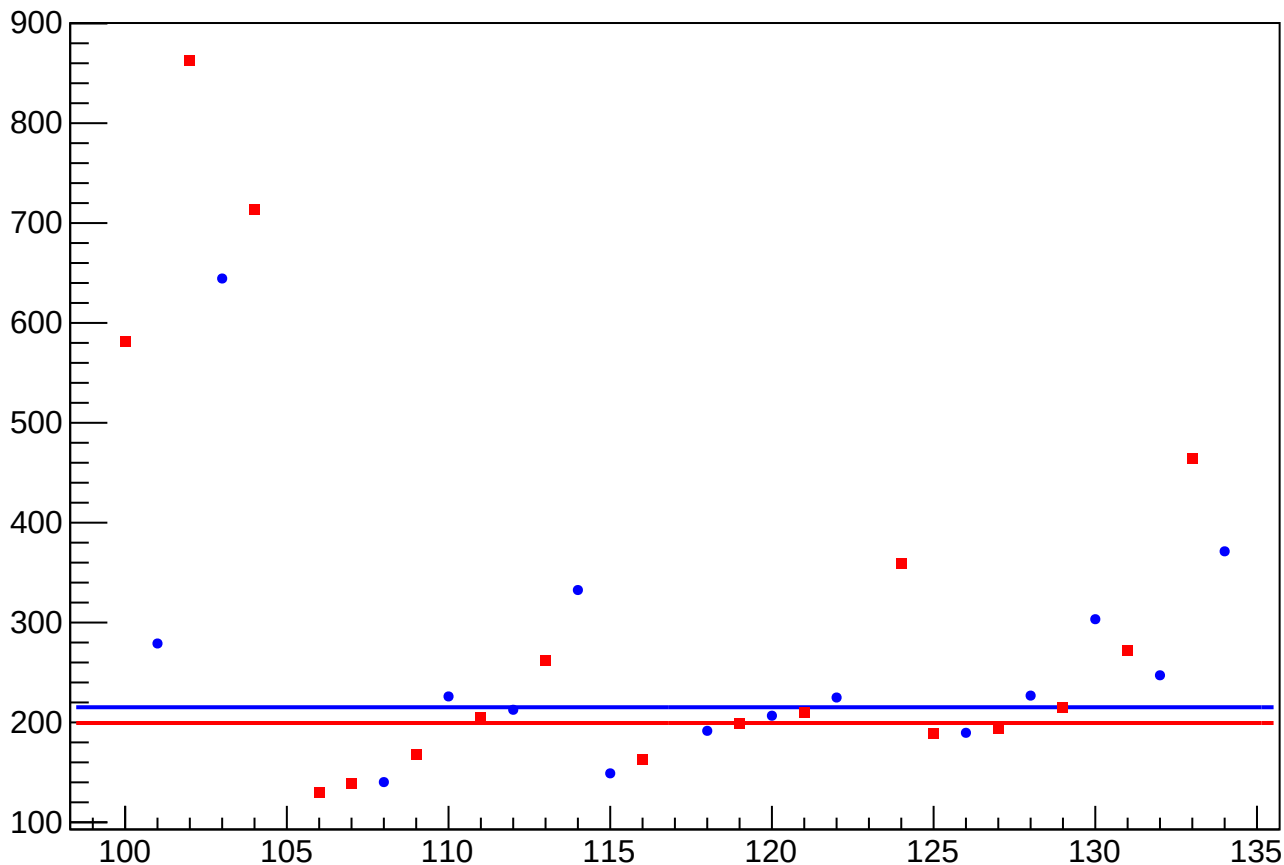
Right: 0.033+/-0.063 χ^2/NDF : 34.8/31

In: -0.033+/-0.092 χ^2/NDF :10.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.033+/-0.063 χ^2/NDF : 34.8/31

asym_usr_atr2_avg_eigen_dit_vs_Slug, Sign Corrected



Right In: 215.202 $\pm$ 0.065 χ^2 /NDF: 1148523.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.419 $\pm$ 0.061 χ^2 /NDF: 1760335.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

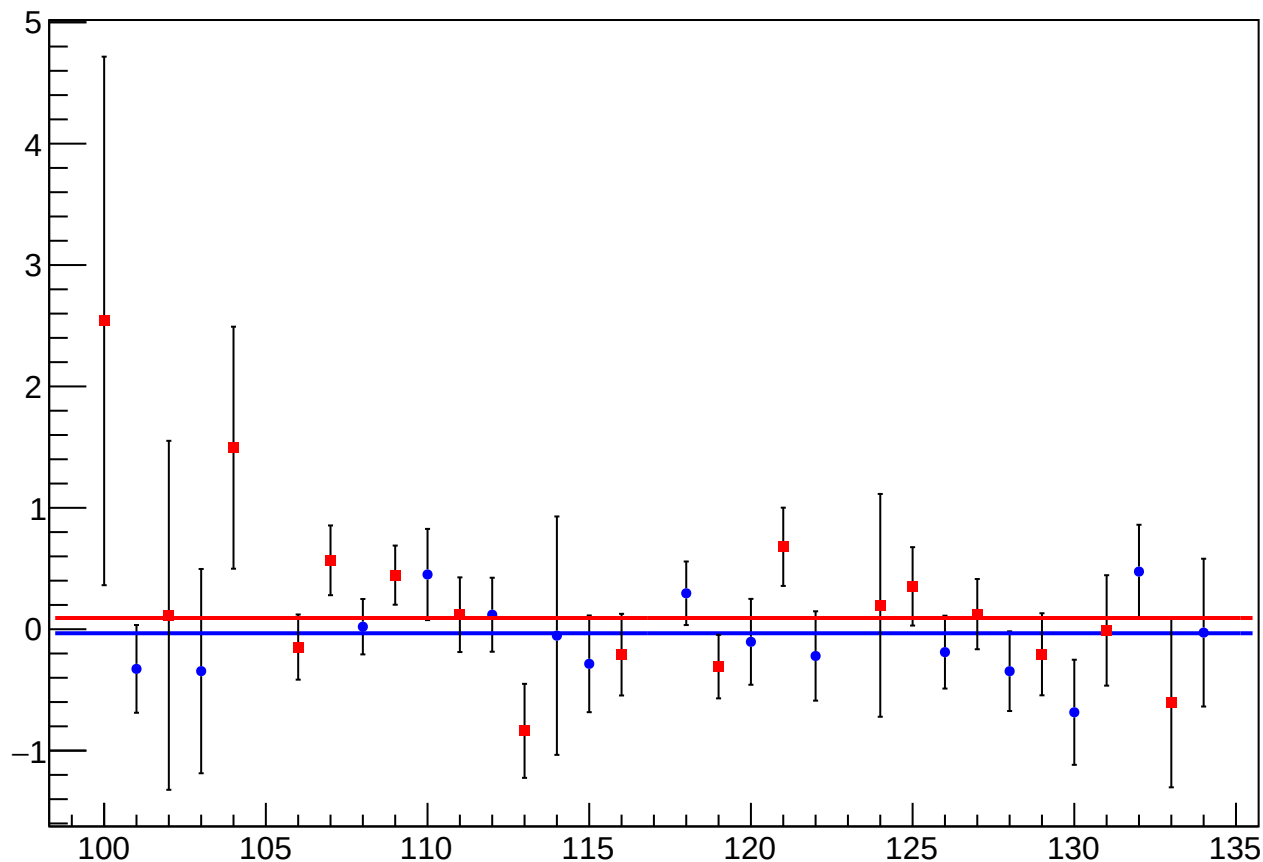
Right: 206.852 $\pm$ 0.045 χ^2 /NDF: 2940115.7/31

In: 215.202 $\pm$ 0.065 χ^2 /NDF:1148523.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 206.852 $\pm$ 0.045 χ^2 /NDF: 2940115.7/31

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.092+/-0.087 χ^2/NDF : 23.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

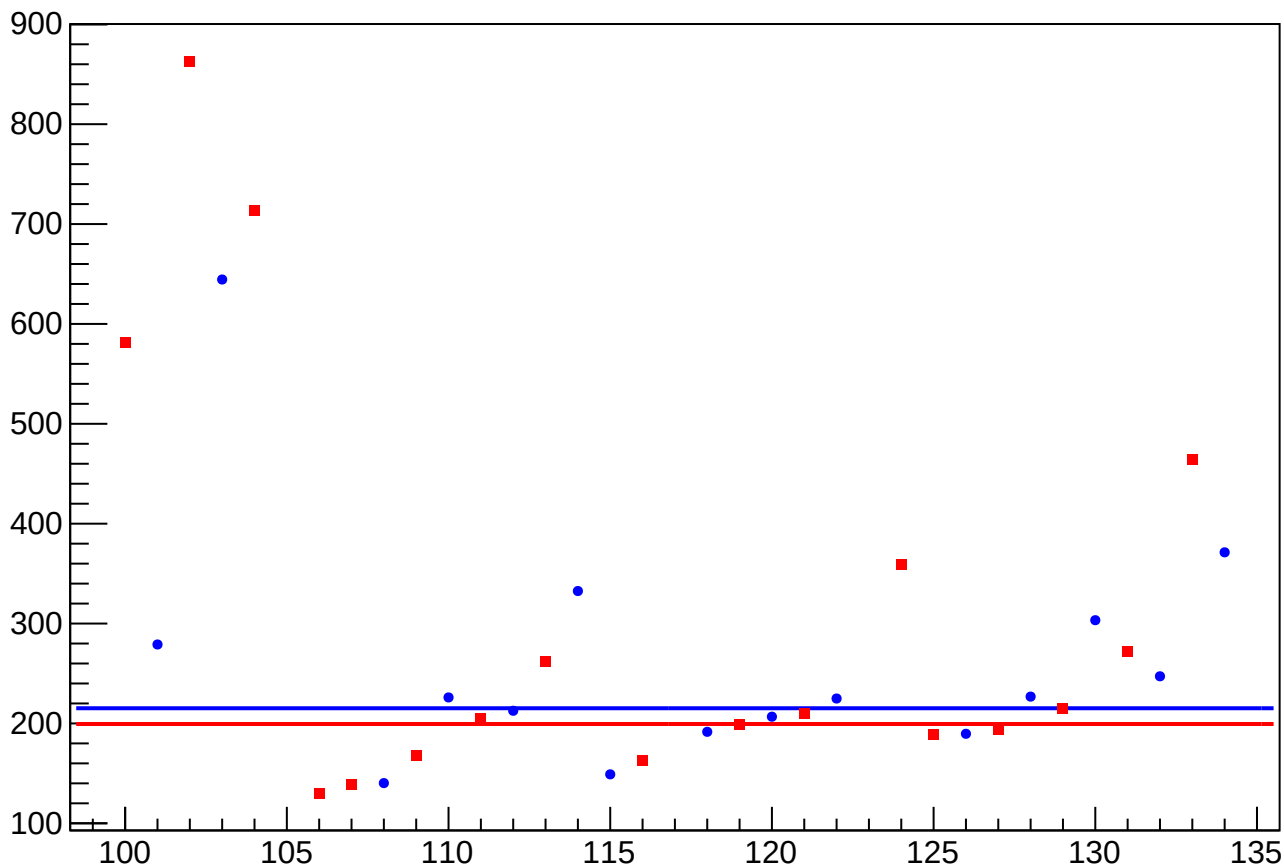
Right: 0.033+/-0.063 χ^2/NDF : 34.8/31

In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.063 χ^2/NDF : 34.8/31

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.202 $\pm$ 0.065 χ^2 /NDF: 1148523.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.419 $\pm$ 0.061 χ^2 /NDF: 1760335.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

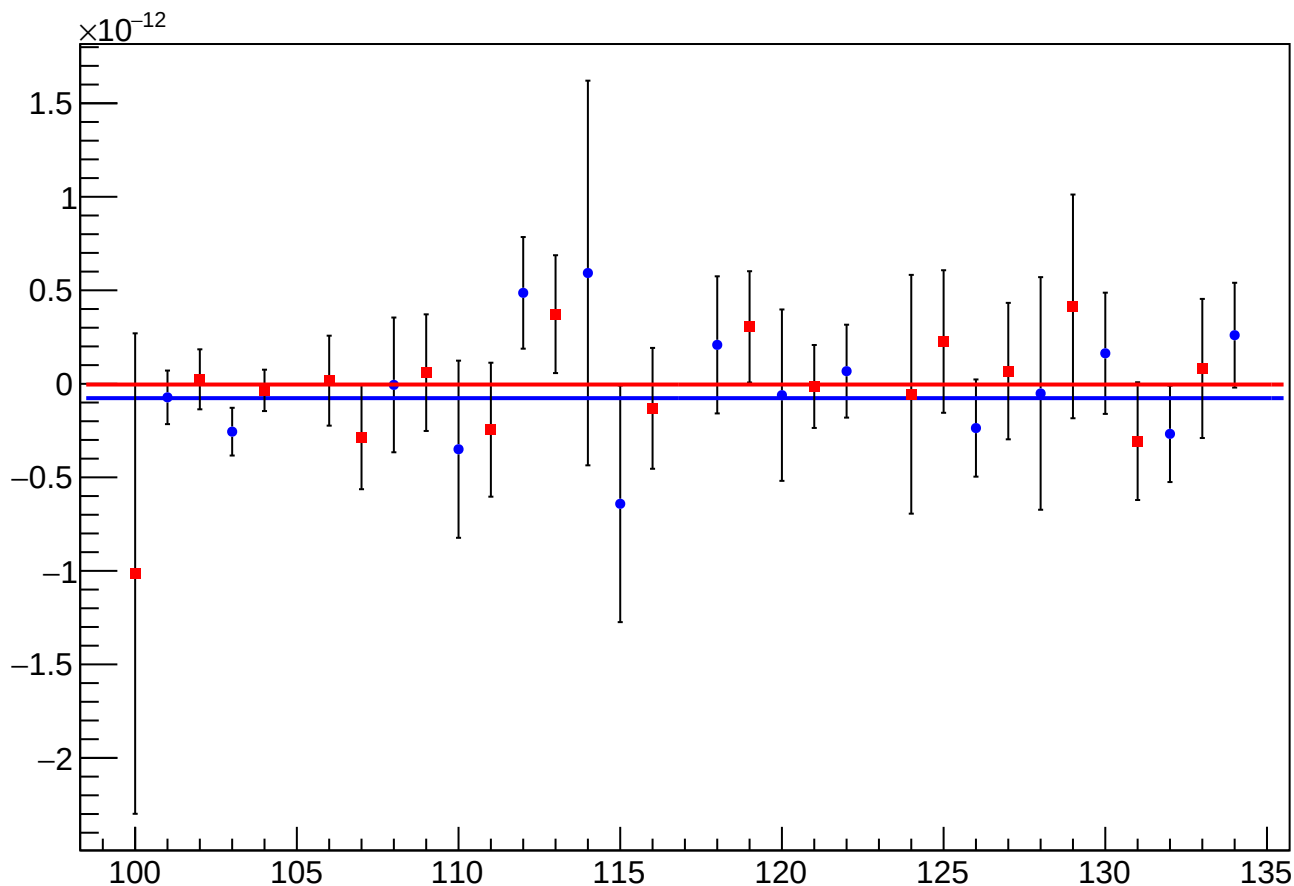
Right: 206.852 $\pm$ 0.045 χ^2 /NDF: 2940115.7/31

In: 215.202 $\pm$ 0.065 χ^2 /NDF:1148523.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 206.852 $\pm$ 0.045 χ^2 /NDF: 2940115.7/31

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

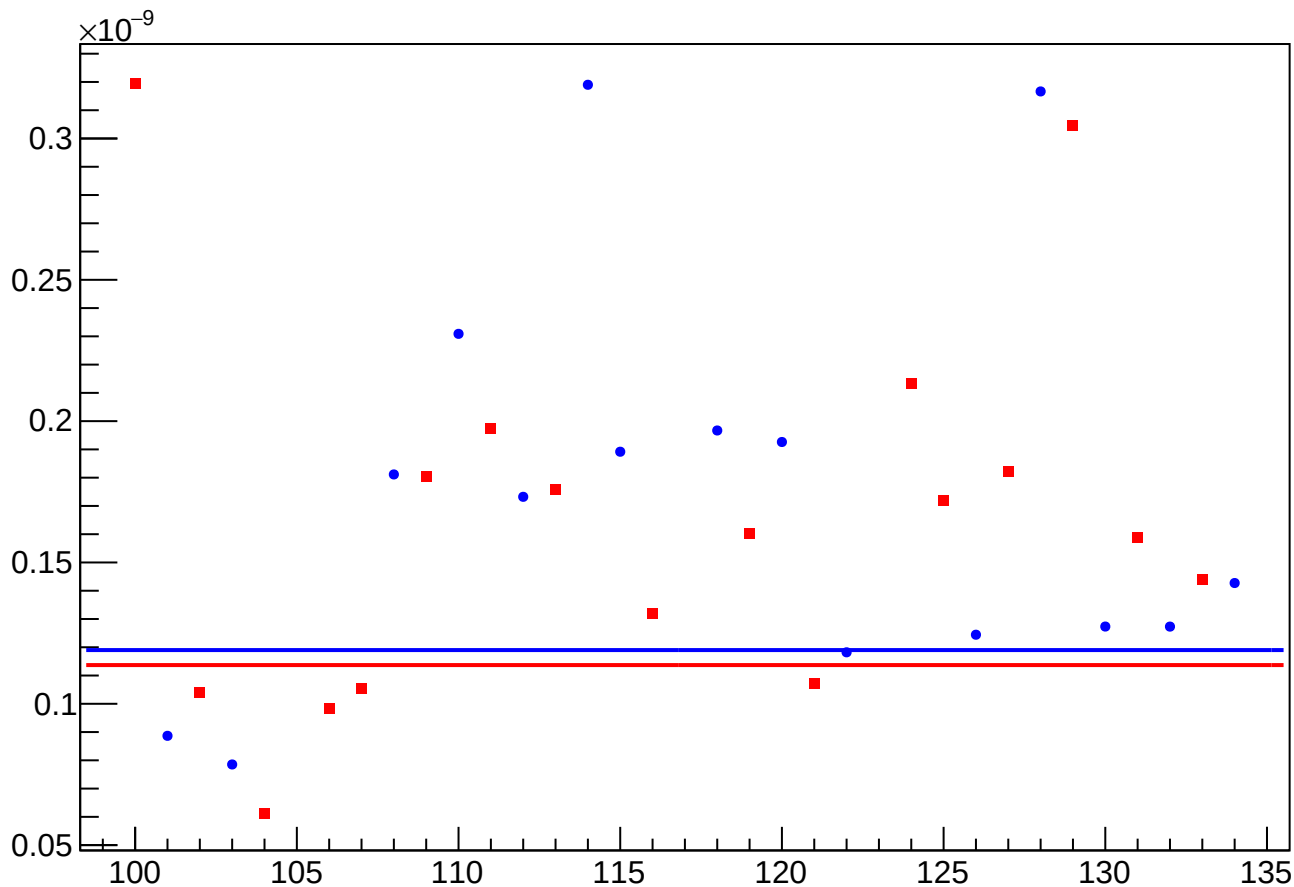
Right: -0.000+/-0.000 χ^2/NDF : 18.4/31

In: -0.000+/-0.000 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.4/31

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 990603.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1281288.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

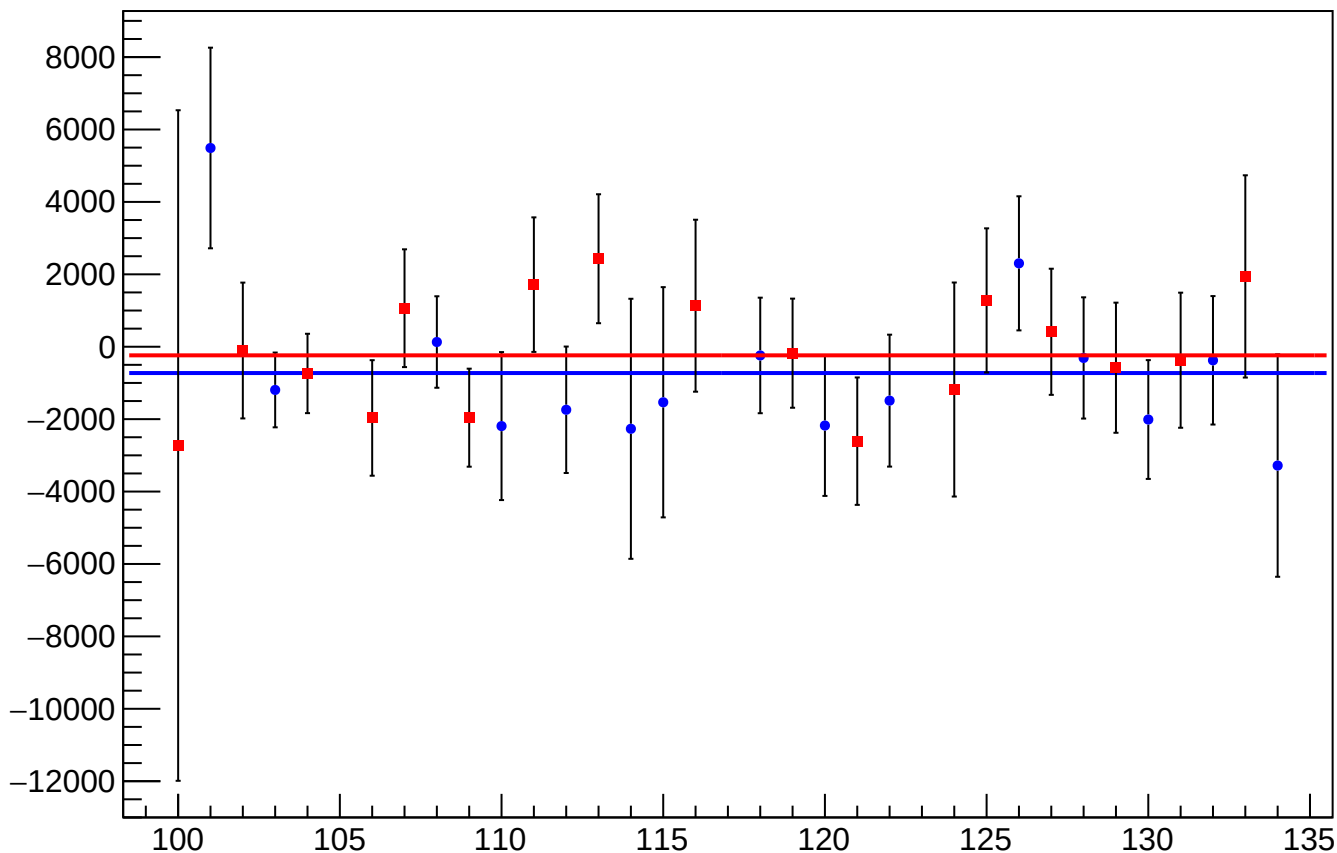
Right: 0.000+/-0.000 χ^2/NDF : 2278581.3/31

In: 0.000+/-0.000 χ^2/NDF : 990603.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2278581.3/31

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -726.576+/-454.546 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.709+/-429.861 χ^2/NDF : 10.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

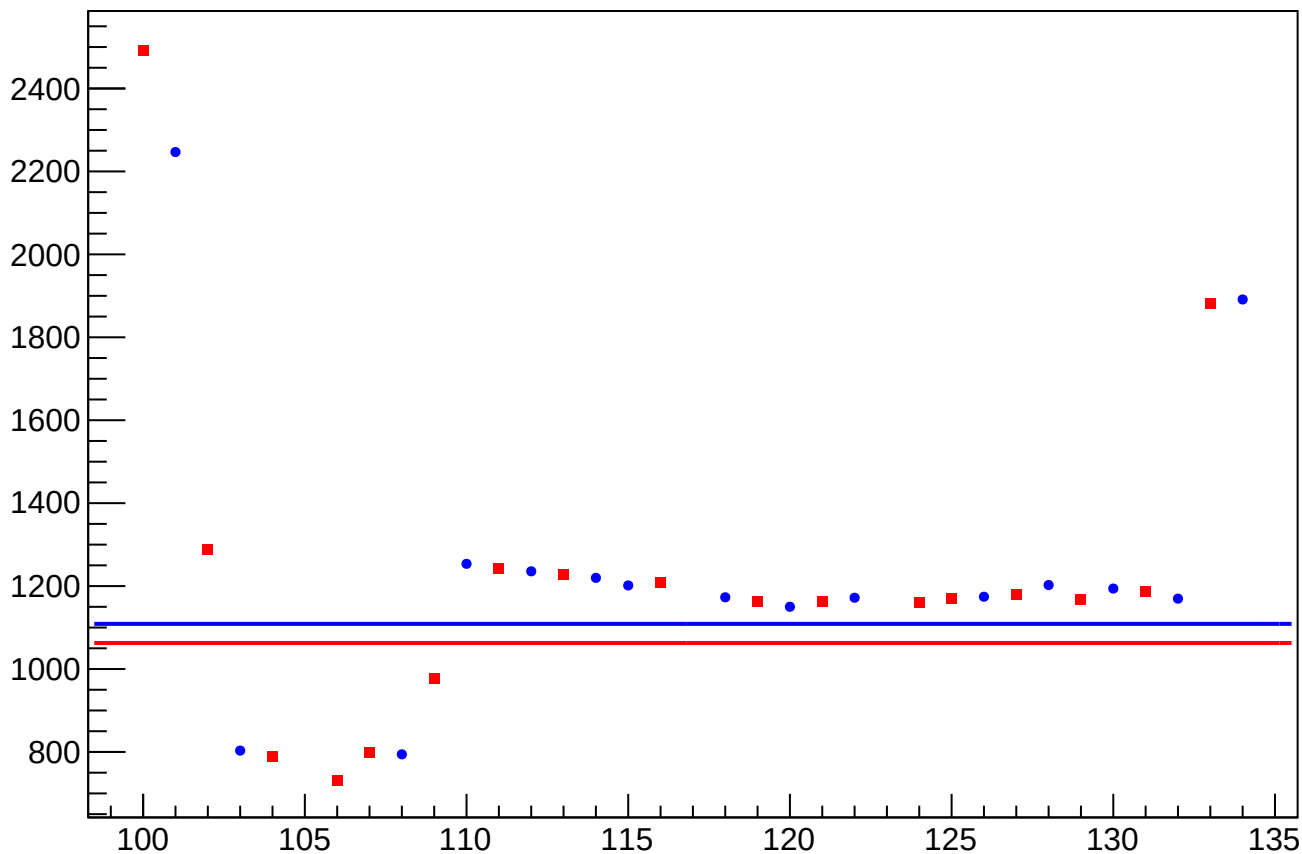
Right: -468.508+/-312.320 χ^2/NDF : 23.0/31

In: -726.576+/-454.546 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.508+/-312.320 χ^2/NDF : 23.0/31

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1108.888+/-0.321 χ^2/NDF : 813375.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1062.826+/-0.301 χ^2/NDF : 632265.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

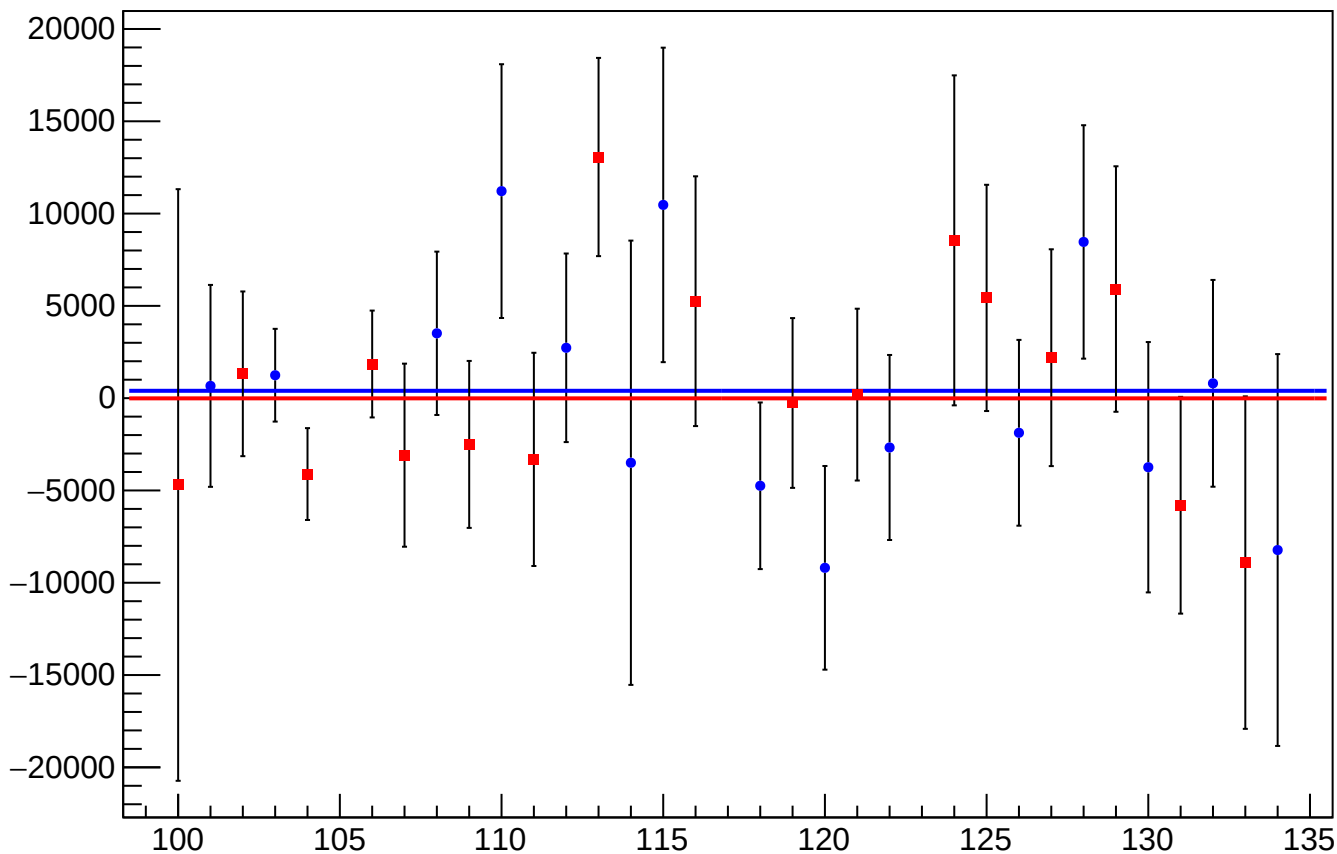
Right: 1084.364+/-0.220 χ^2/NDF : 1456576.5/31

In: 1108.888+/-0.321 χ^2/NDF : 813375.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.364+/-0.220 χ^2/NDF : 1456576.5/31

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 398.999+/-1322.404 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.642+/-1165.144 χ^2/NDF : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

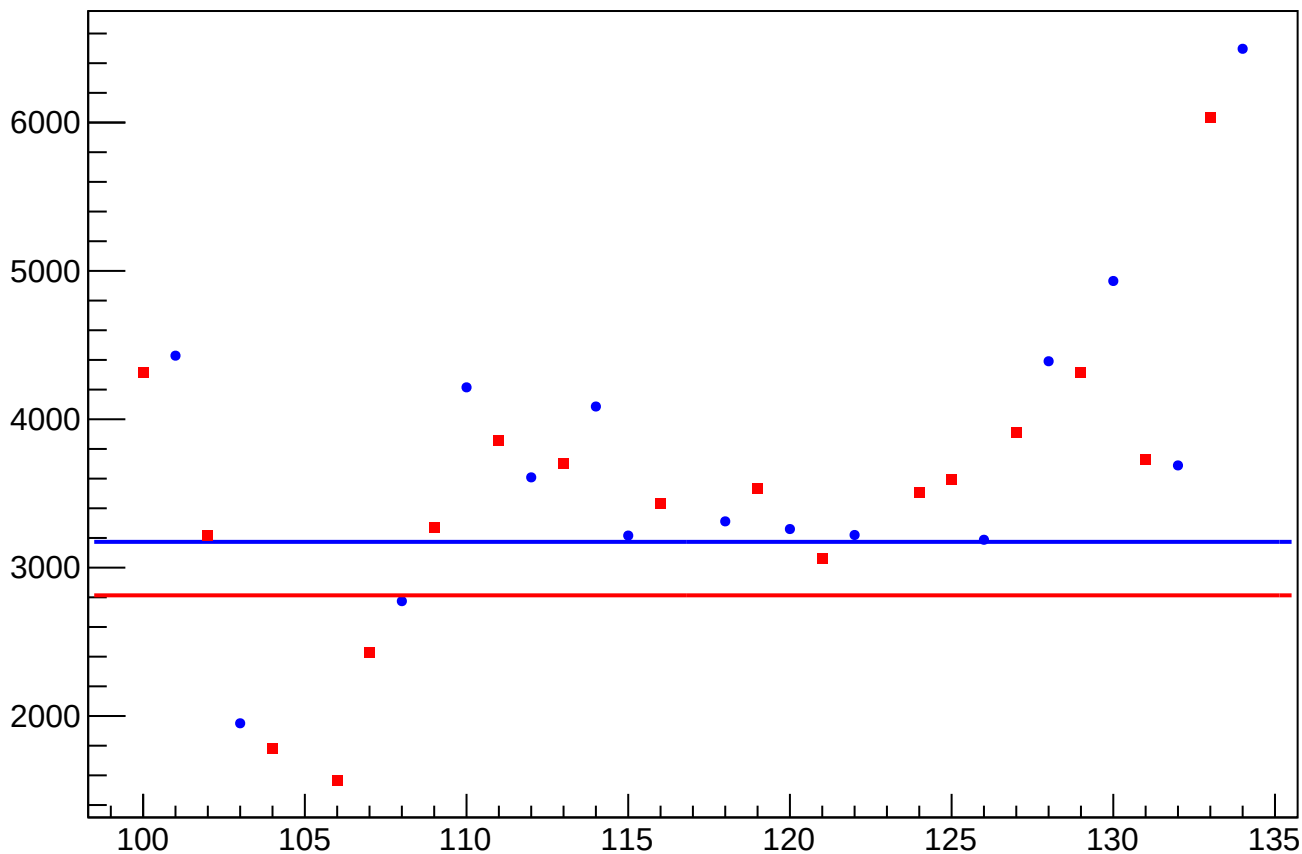
Right: 168.385+/-874.221 χ^2/NDF : 27.9/31

In: 398.999+/-1322.404 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.385+/-874.221 χ^2/NDF : 27.9/31

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3173.765+/-0.935 χ^2/NDF : 1091449.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2813.283+/-0.824 χ^2/NDF : 1491586.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

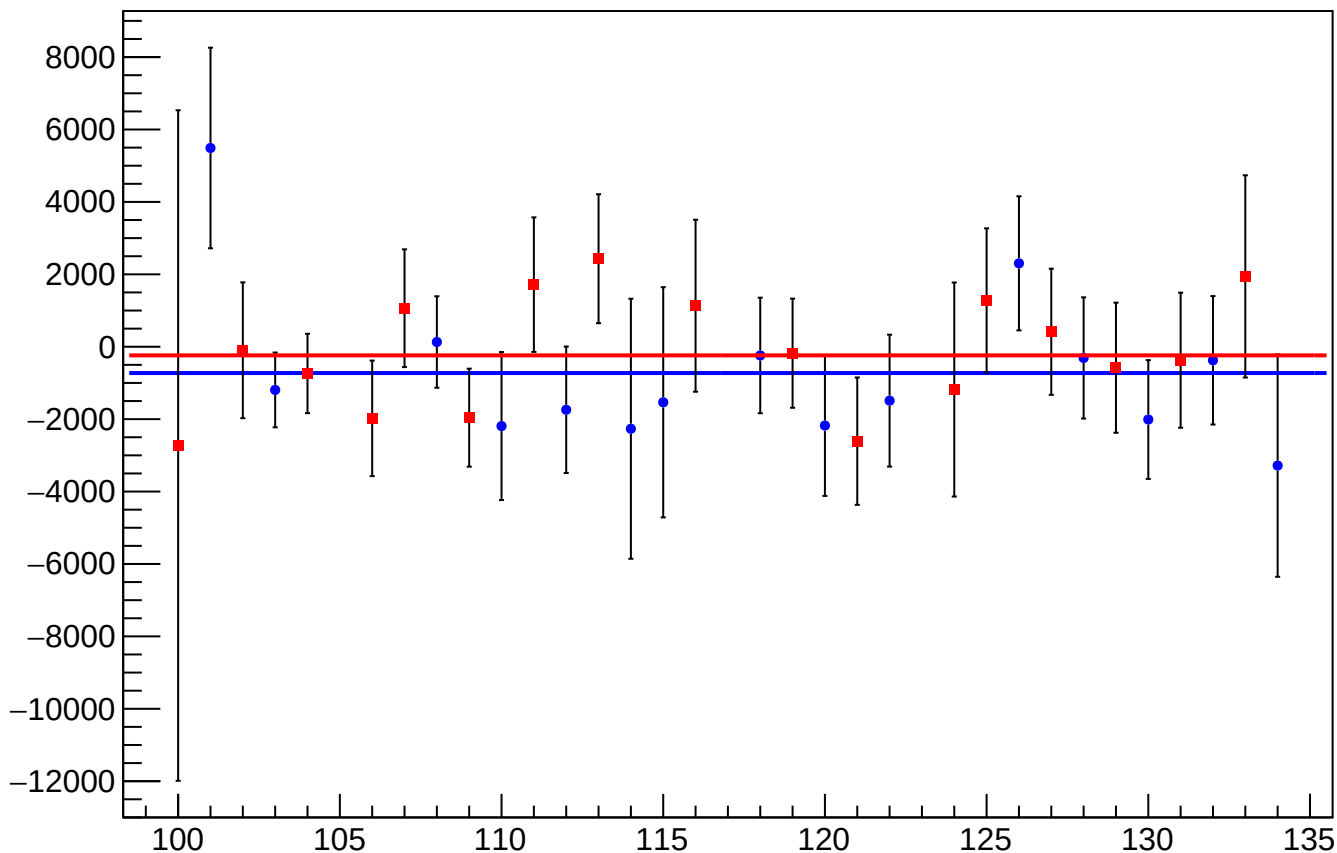
Right: 2970.826+/-0.618 χ^2/NDF : 2666702.6/31

In: 3173.765+/-0.935 χ^2/NDF : 1091449.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2970.826+/-0.618 χ^2/NDF : 2666702.6/31

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -726.485+/-454.546 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.026+/-429.866 χ^2/NDF : 10.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

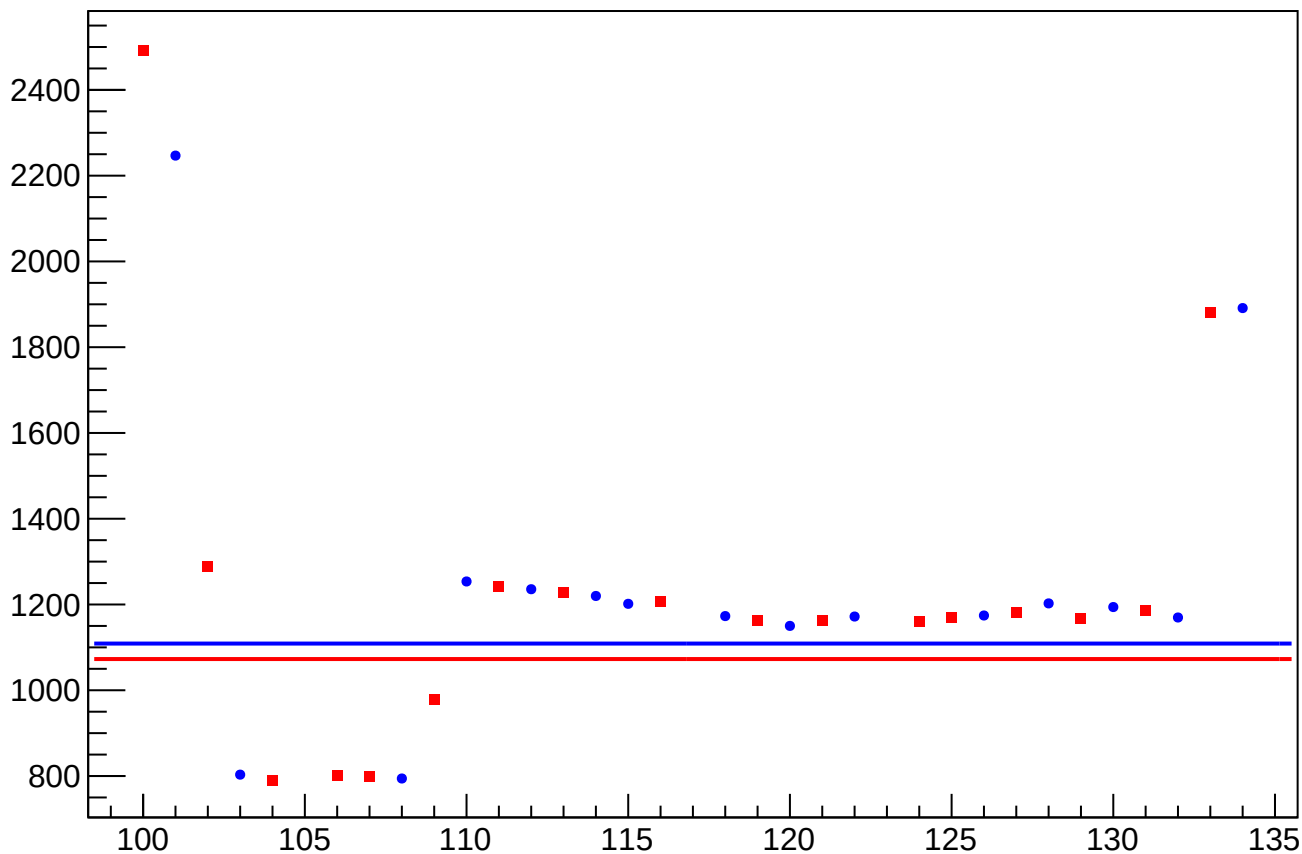
Right: -468.635+/-312.322 χ^2/NDF : 23.0/31

In: -726.485+/-454.546 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.635+/-312.322 χ^2/NDF : 23.0/31

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1108.889+/-0.321 χ^2 /NDF: 813372.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1072.786+/-0.303 χ^2 /NDF: 580187.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

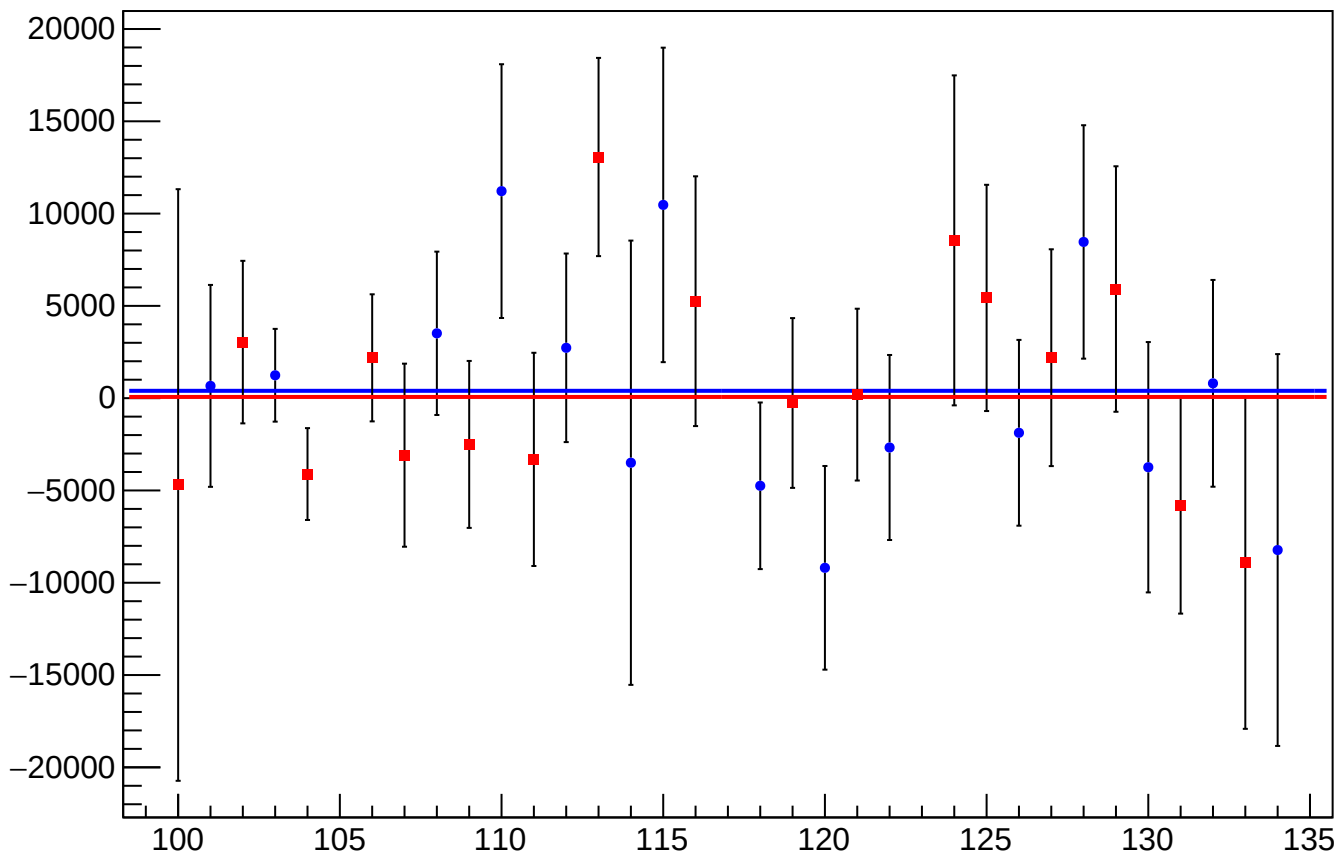
Right: 1089.793+/-0.221 χ^2 /NDF: 1400233.1/31

In: 1108.889+/-0.321 χ^2 /NDF:813372.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1089.793+/-0.221 χ^2 /NDF: 1400233.1/31

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 398.358 $\pm$ 1322.466 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.857 $\pm$ 1192.690 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

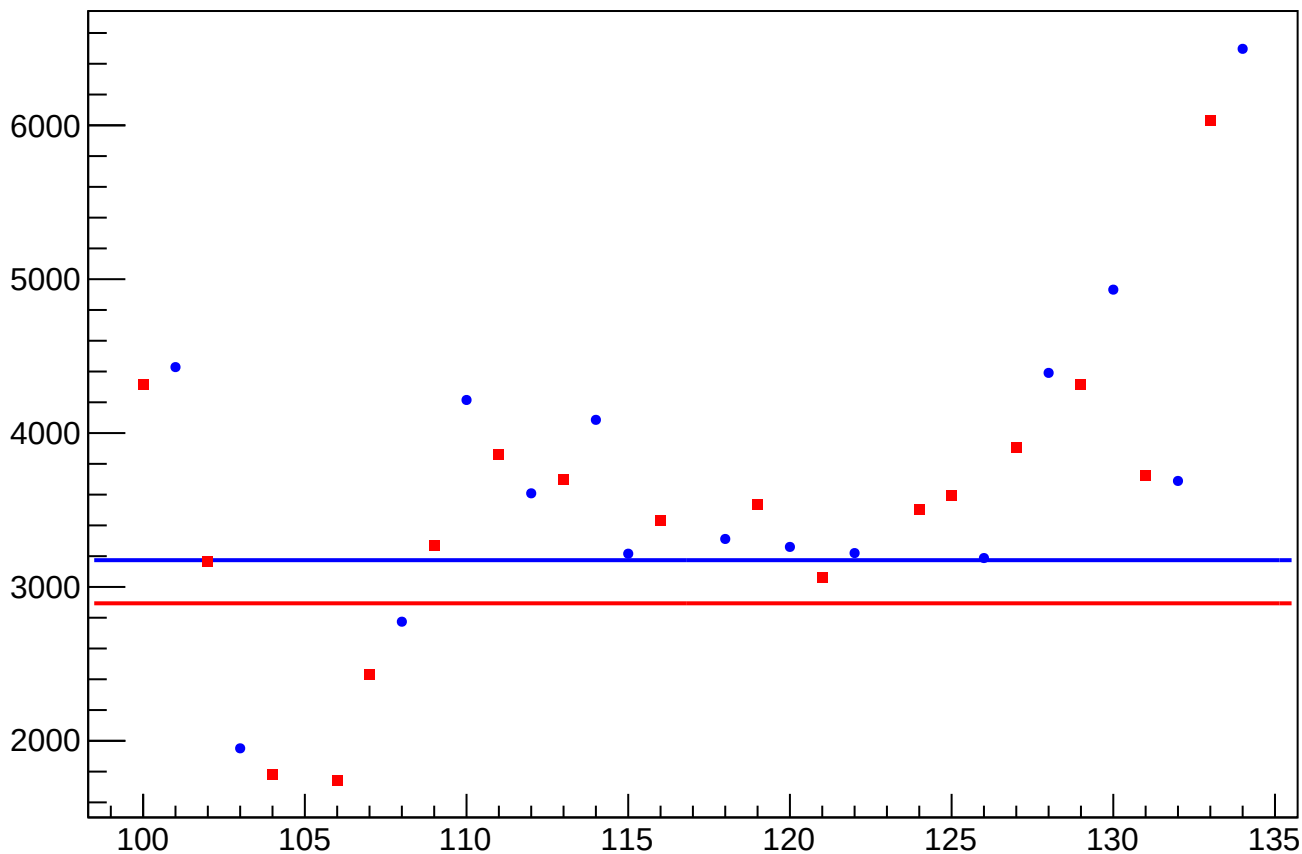
Right: 214.997 $\pm$ 885.696 χ^2 /NDF: 28.2/31

In: 398.358 $\pm$ 1322.466 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 214.997 $\pm$ 885.696 χ^2 /NDF: 28.2/31

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3173.978+/-0.935 χ^2/NDF : 1091011.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2893.655+/-0.843 χ^2/NDF : 1300535.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

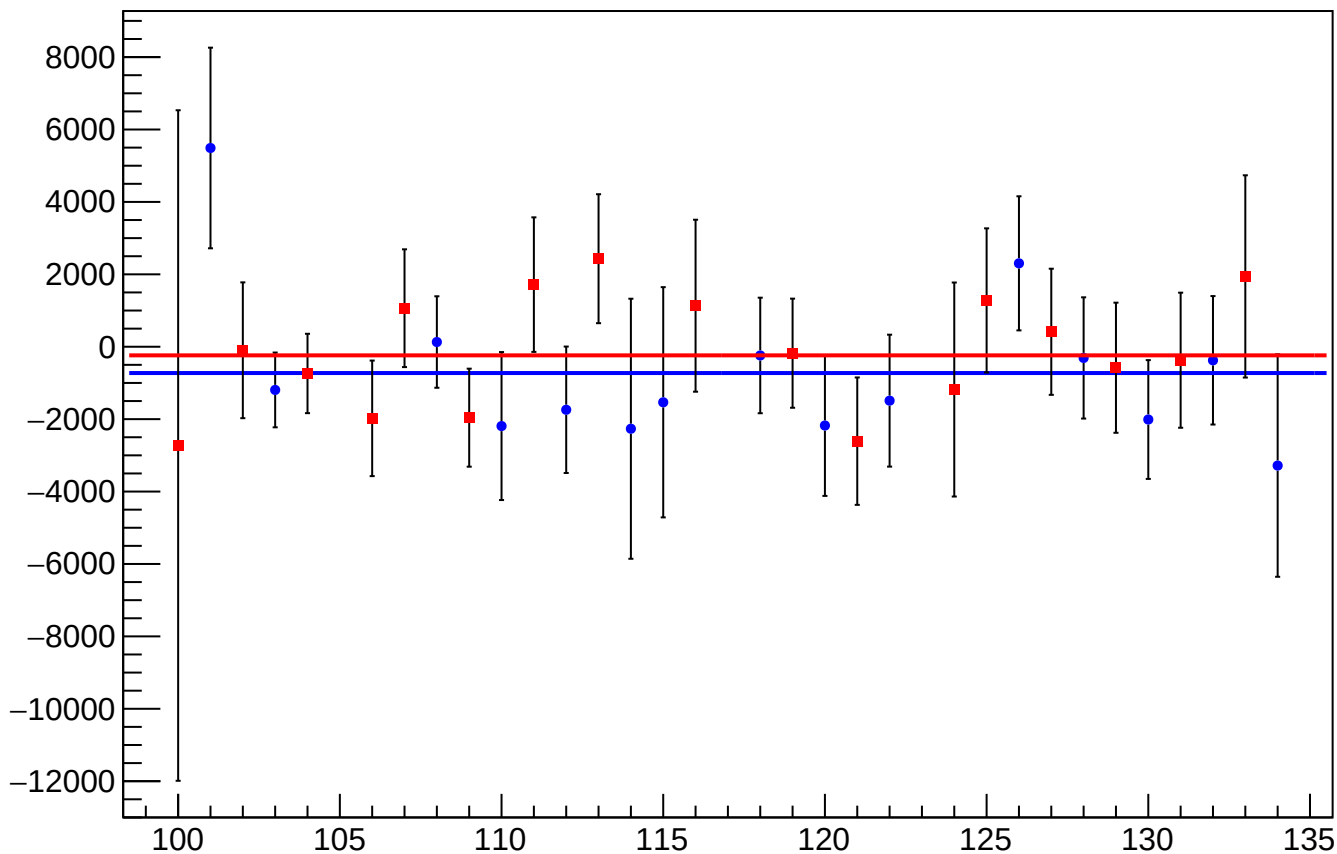
Right: 3019.391+/-0.626 χ^2/NDF : 2441103.0/31

In: 3173.978+/-0.935 χ^2/NDF : 1091011.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.391+/-0.626 χ^2/NDF : 2441103.0/31

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -726.485+/-454.546 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.026+/-429.866 χ^2/NDF : 10.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

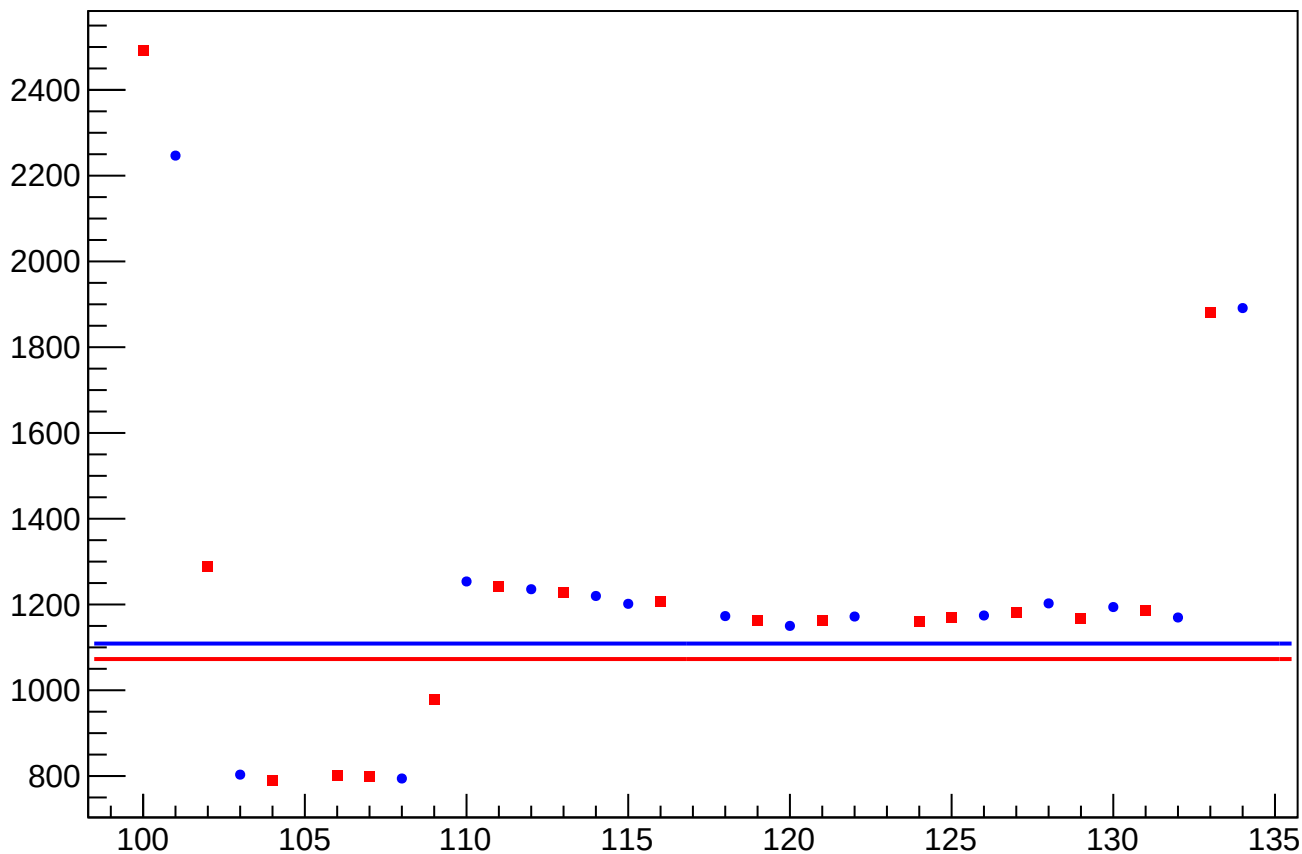
Right: -468.635+/-312.322 χ^2/NDF : 23.0/31

In: -726.485+/-454.546 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.635+/-312.322 χ^2/NDF : 23.0/31

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1108.889+/-0.321 χ^2 /NDF: 813372.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1072.786+/-0.303 χ^2 /NDF: 580187.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

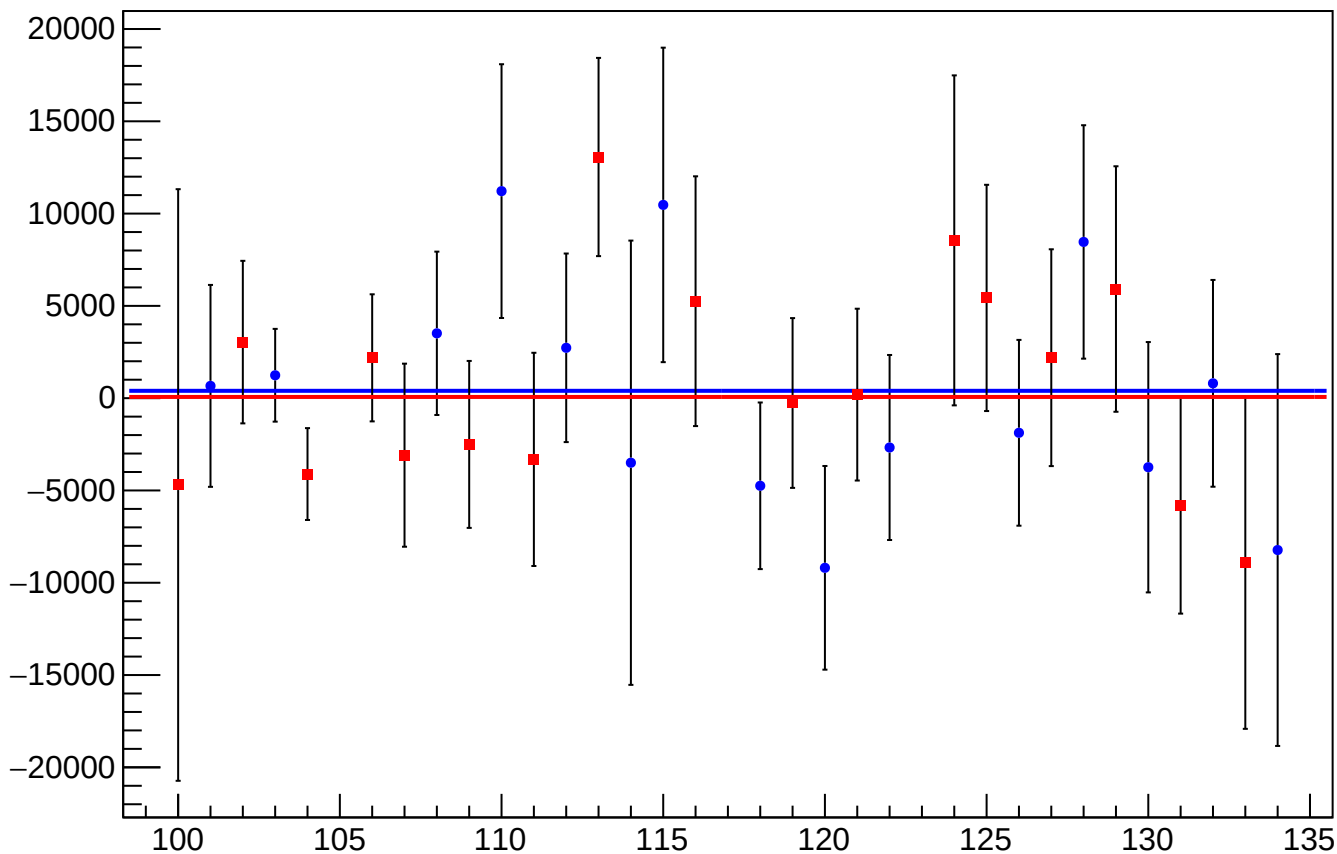
Right: 1089.793+/-0.221 χ^2 /NDF: 1400233.1/31

In: 1108.889+/-0.321 χ^2 /NDF:813372.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1089.793+/-0.221 χ^2 /NDF: 1400233.1/31

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 398.358+/-1322.466 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.857+/-1192.690 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

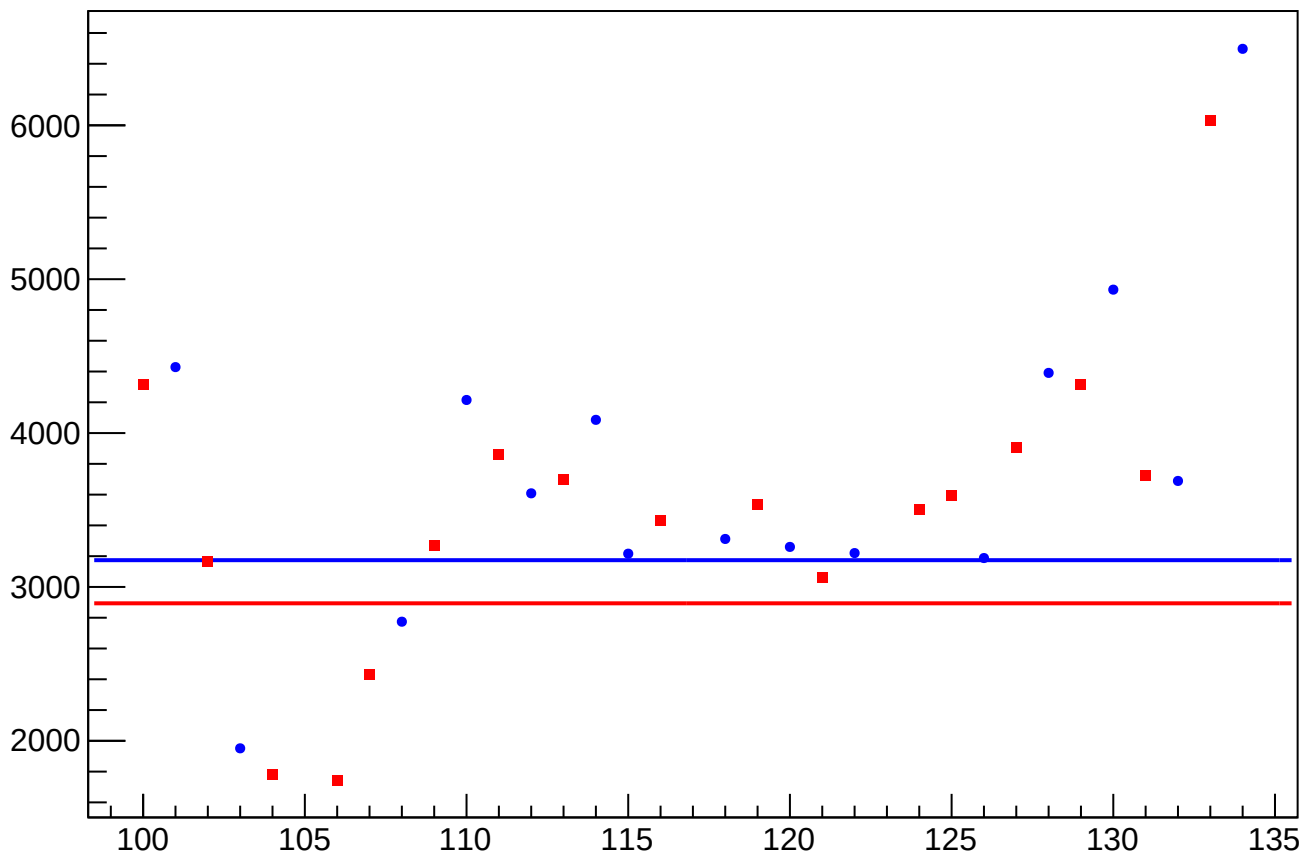
Right: 214.997+/-885.696 χ^2/NDF : 28.2/31

In: 398.358+/-1322.466 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.997+/-885.696 χ^2/NDF : 28.2/31

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3173.978+/-0.935 χ^2/NDF : 1091011.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2893.655+/-0.843 χ^2/NDF : 1300535.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

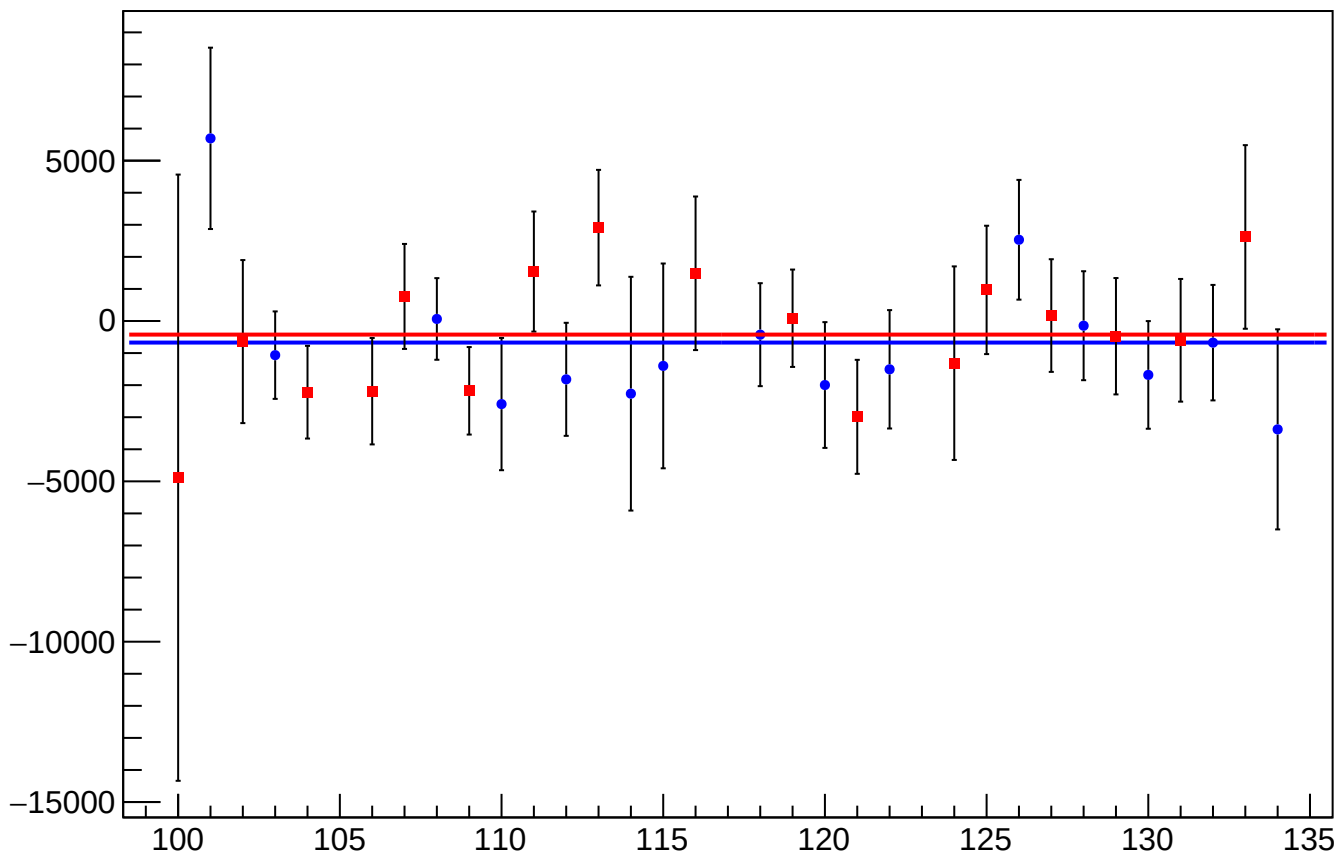
Right: 3019.391+/-0.626 χ^2/NDF : 2441103.0/31

In: 3173.978+/-0.935 χ^2/NDF : 1091011.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.391+/-0.626 χ^2/NDF : 2441103.0/31

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -672.399+/-479.357 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -424.033+/-455.530 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

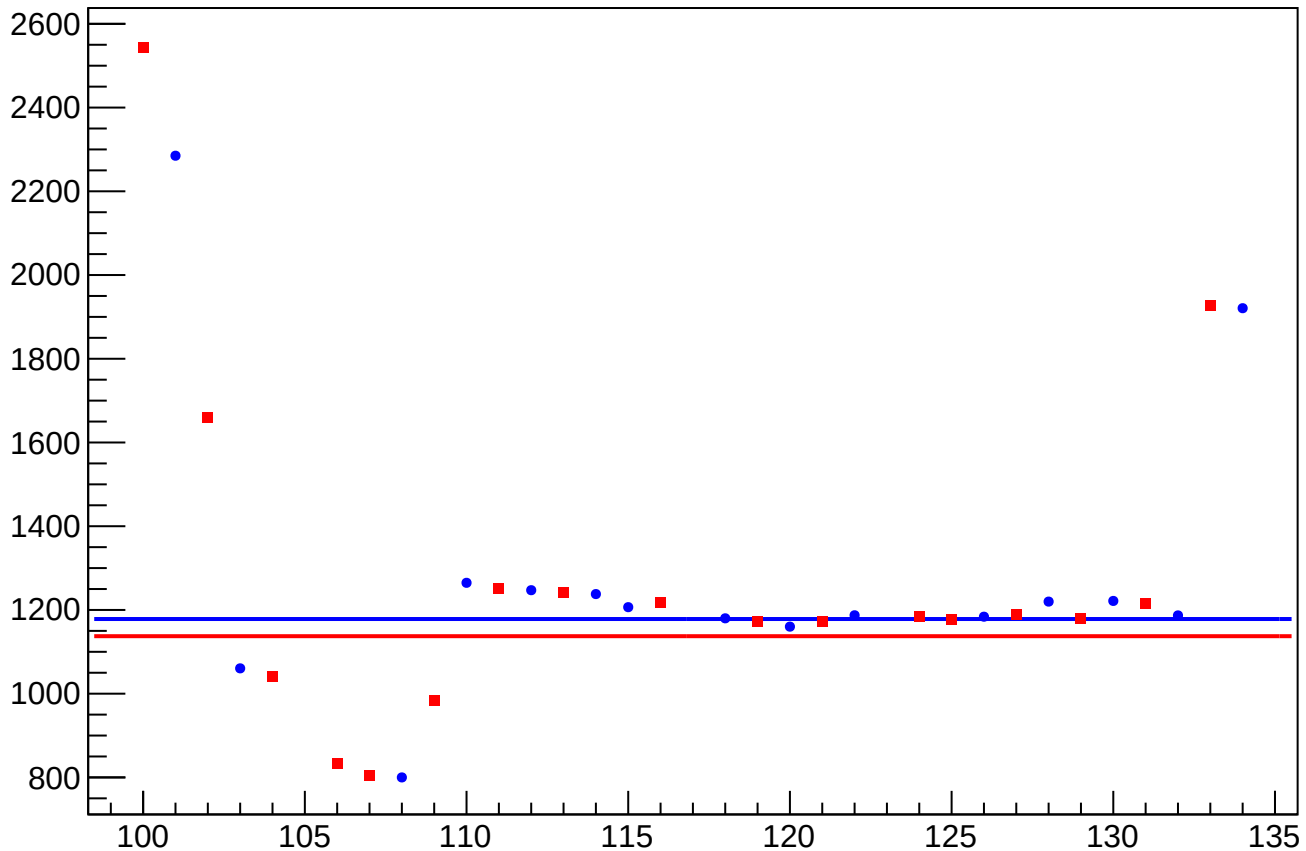
Right: -541.890+/-330.211 χ^2/NDF : 26.3/31

In: -672.399+/-479.357 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.890+/-330.211 χ^2/NDF : 26.3/31

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1178.349+/-0.339 χ^2/NDF : 621404.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.321+/-0.322 χ^2/NDF : 491705.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

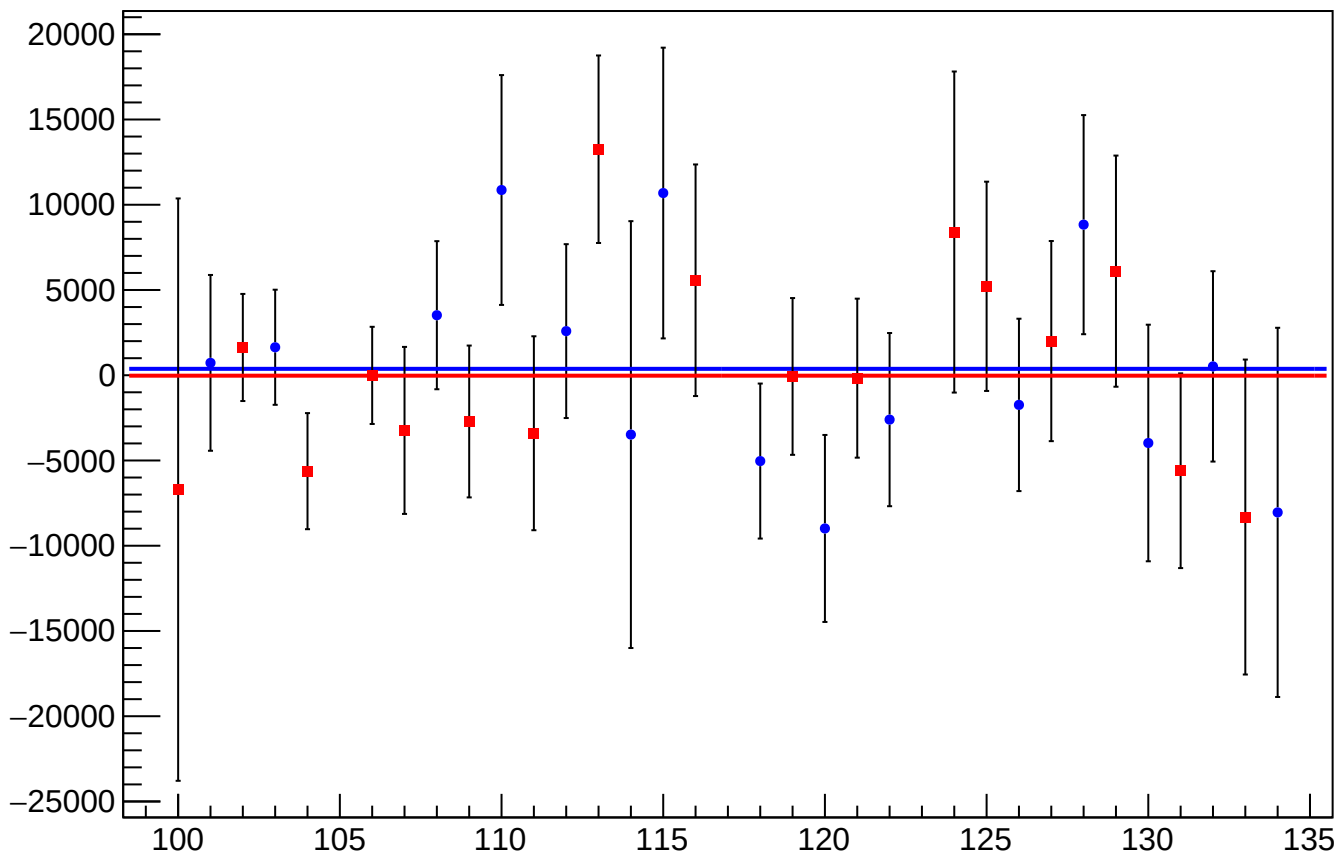
Right: 1156.780+/-0.233 χ^2/NDF : 1120812.1/31

In: 1178.349+/-0.339 χ^2/NDF : 621404.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.780+/-0.233 χ^2/NDF : 1120812.1/31

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 375.769+/-1408.425 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.994+/-1181.546 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

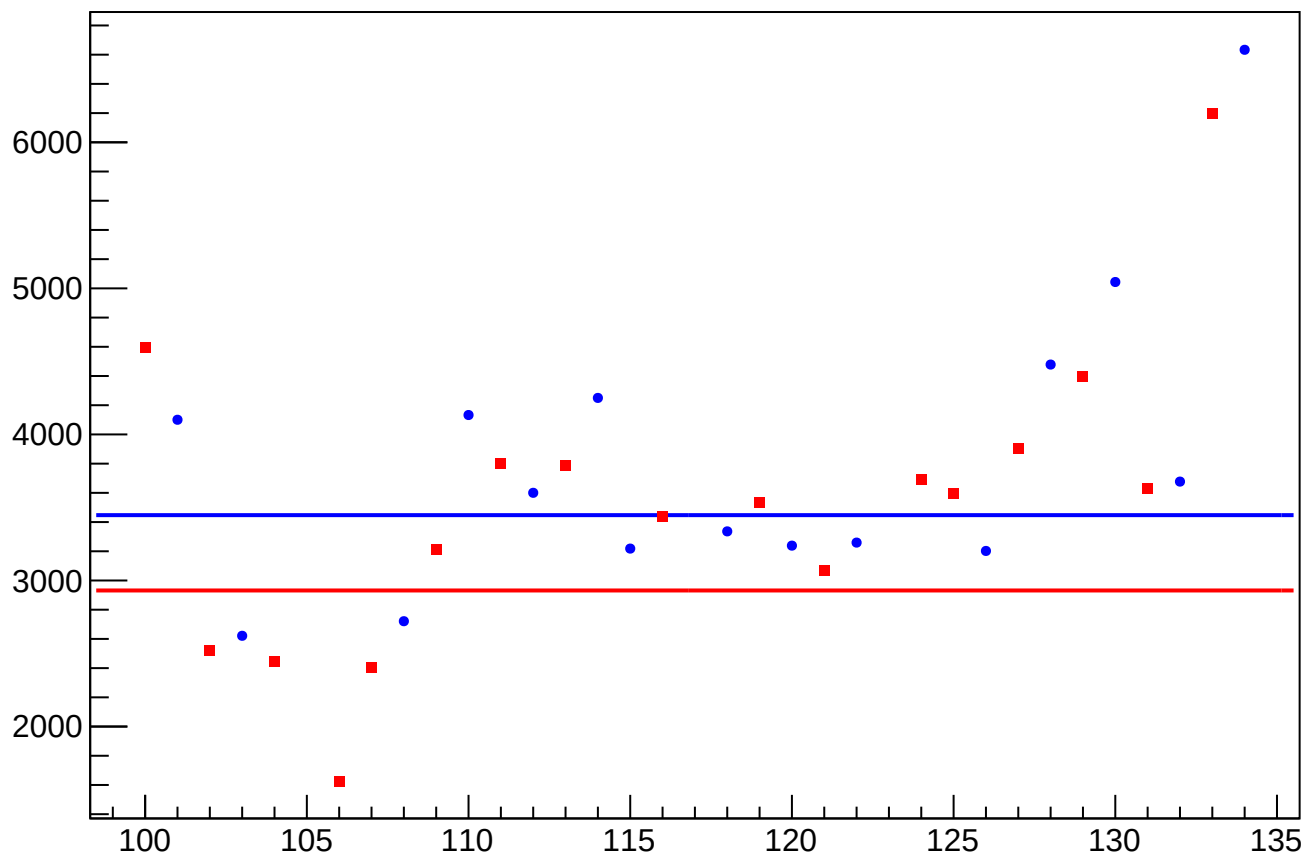
Right: 139.962+/-905.200 χ^2/NDF : 27.5/31

In: 375.769+/-1408.425 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.962+/-905.200 χ^2/NDF : 27.5/31

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3447.403+/-0.996 χ^2/NDF : 585301.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2931.653+/-0.835 χ^2/NDF : 1153715.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

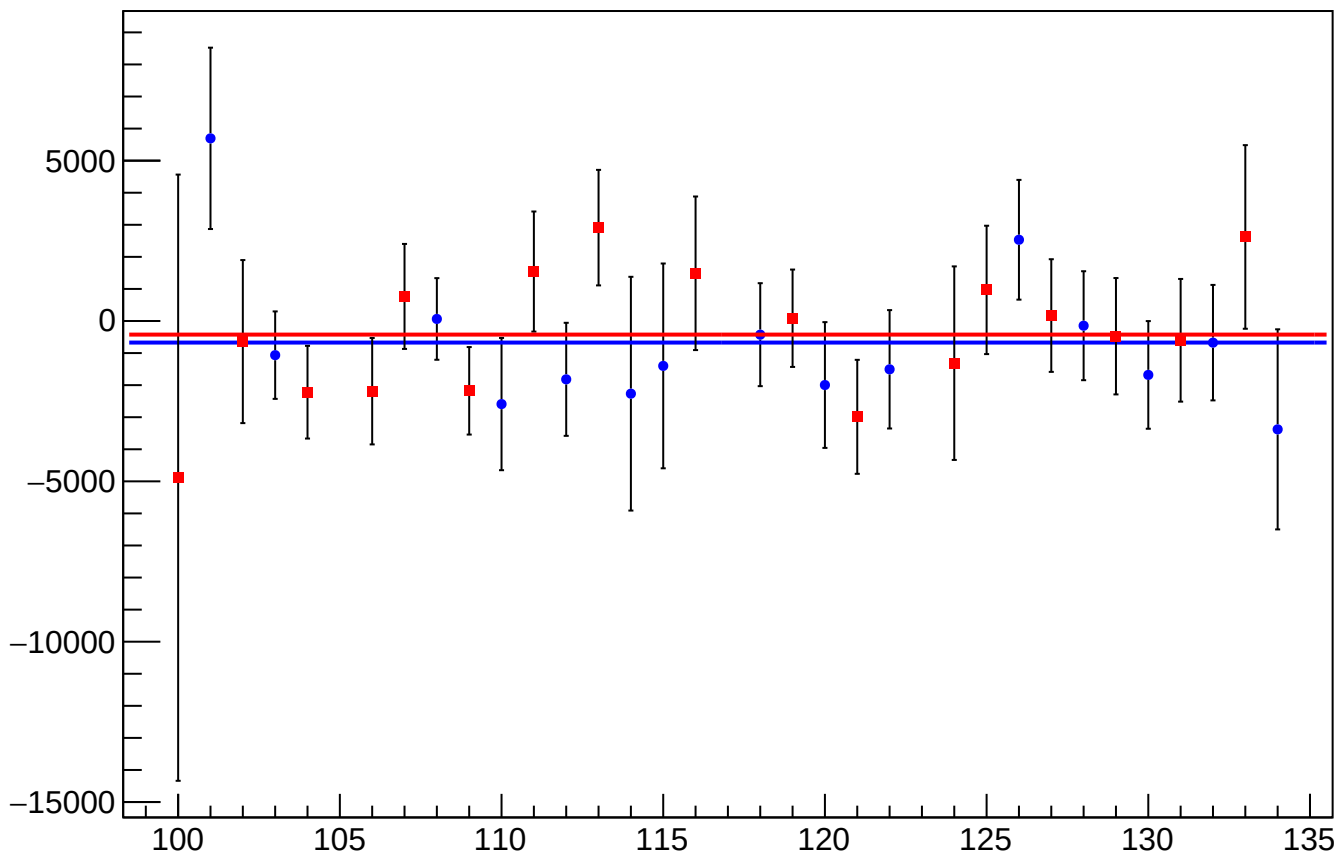
Right: 3144.693+/-0.640 χ^2/NDF : 1896425.9/31

In: 3447.403+/-0.996 χ^2/NDF : 585301.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.693+/-0.640 χ^2/NDF : 1896425.9/31

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -672.397+/-479.357 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -424.037+/-455.530 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

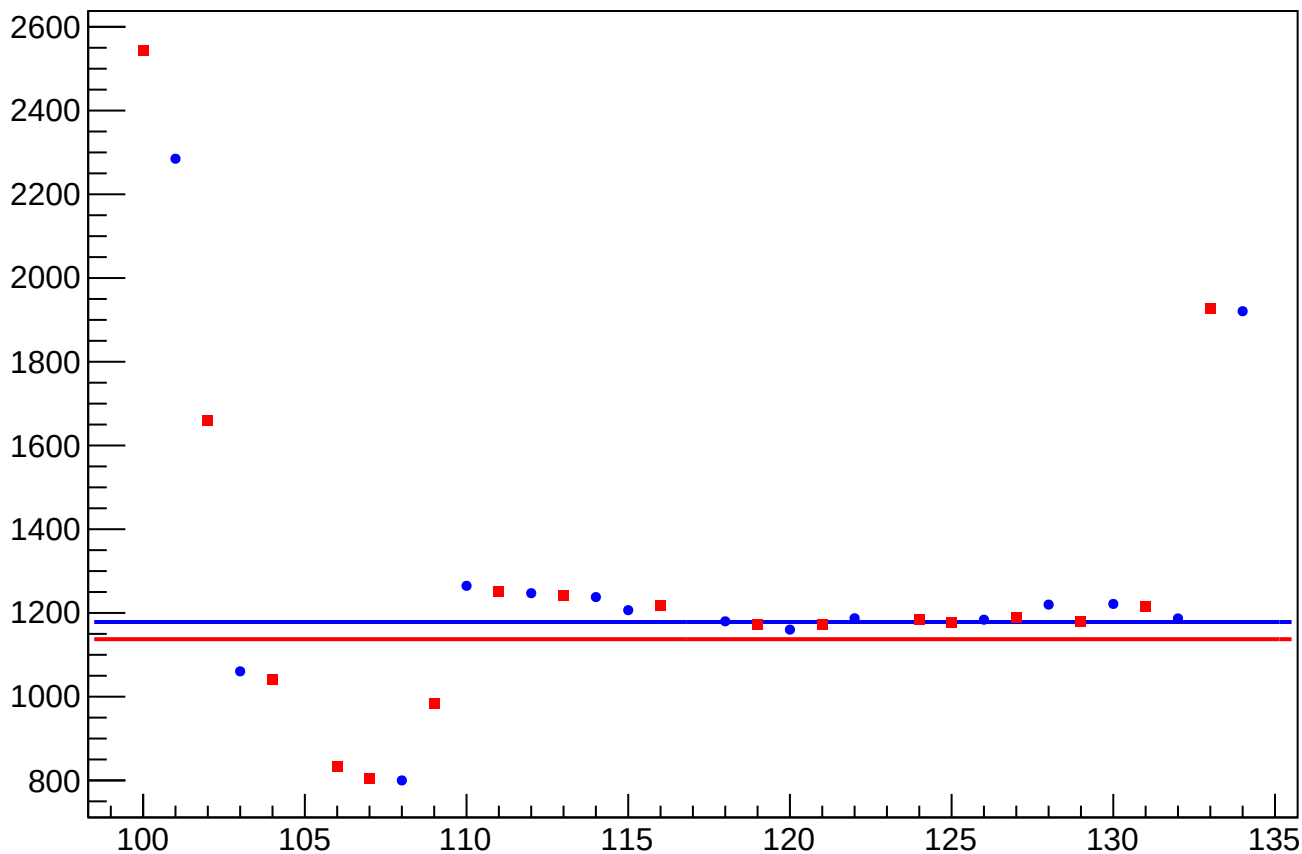
Right: -541.891+/-330.211 χ^2/NDF : 26.3/31

In: -672.397+/-479.357 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.891+/-330.211 χ^2/NDF : 26.3/31

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1178.349+/-0.339 χ^2/NDF : 621404.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.321+/-0.322 χ^2/NDF : 491705.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

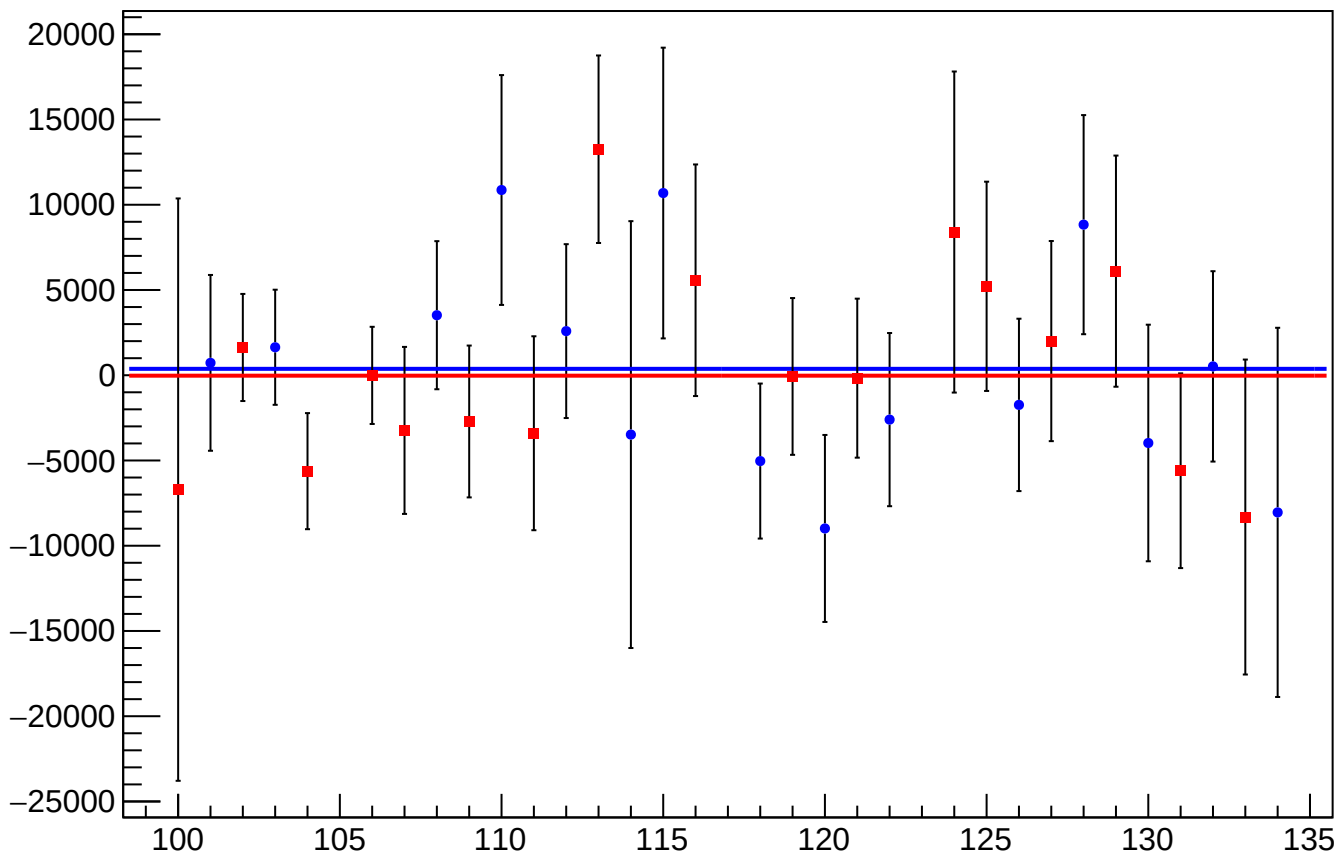
Right: 1156.780+/-0.233 χ^2/NDF : 1120811.7/31

In: 1178.349+/-0.339 χ^2/NDF : 621404.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.780+/-0.233 χ^2/NDF : 1120811.7/31

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 375.763+/-1408.423 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.000+/-1181.544 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

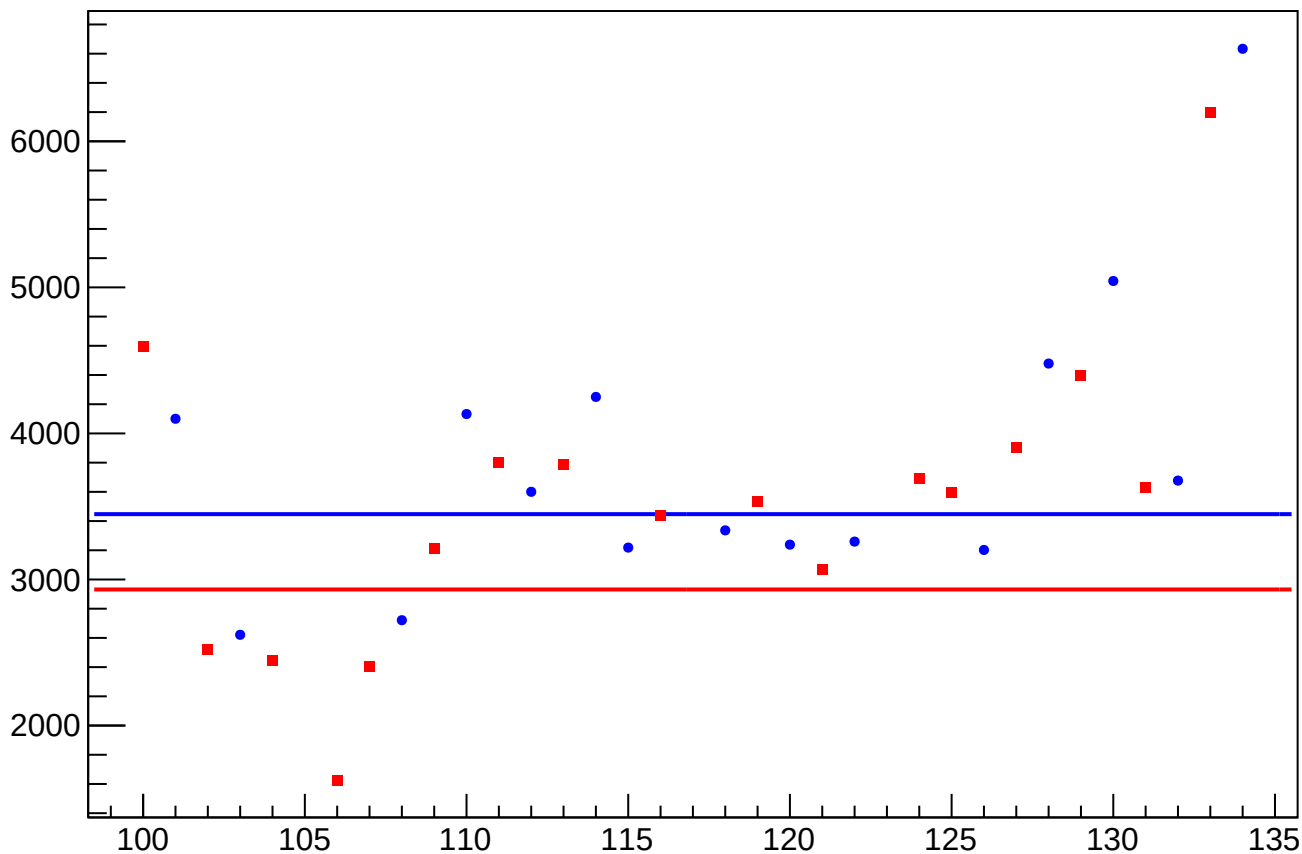
Right: 139.956+/-905.198 χ^2/NDF : 27.5/31

In: 375.763+/-1408.423 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.956+/-905.198 χ^2/NDF : 27.5/31

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3447.397+/-0.996 χ^2/NDF : 585297.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2931.647+/-0.835 χ^2/NDF : 1153713.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

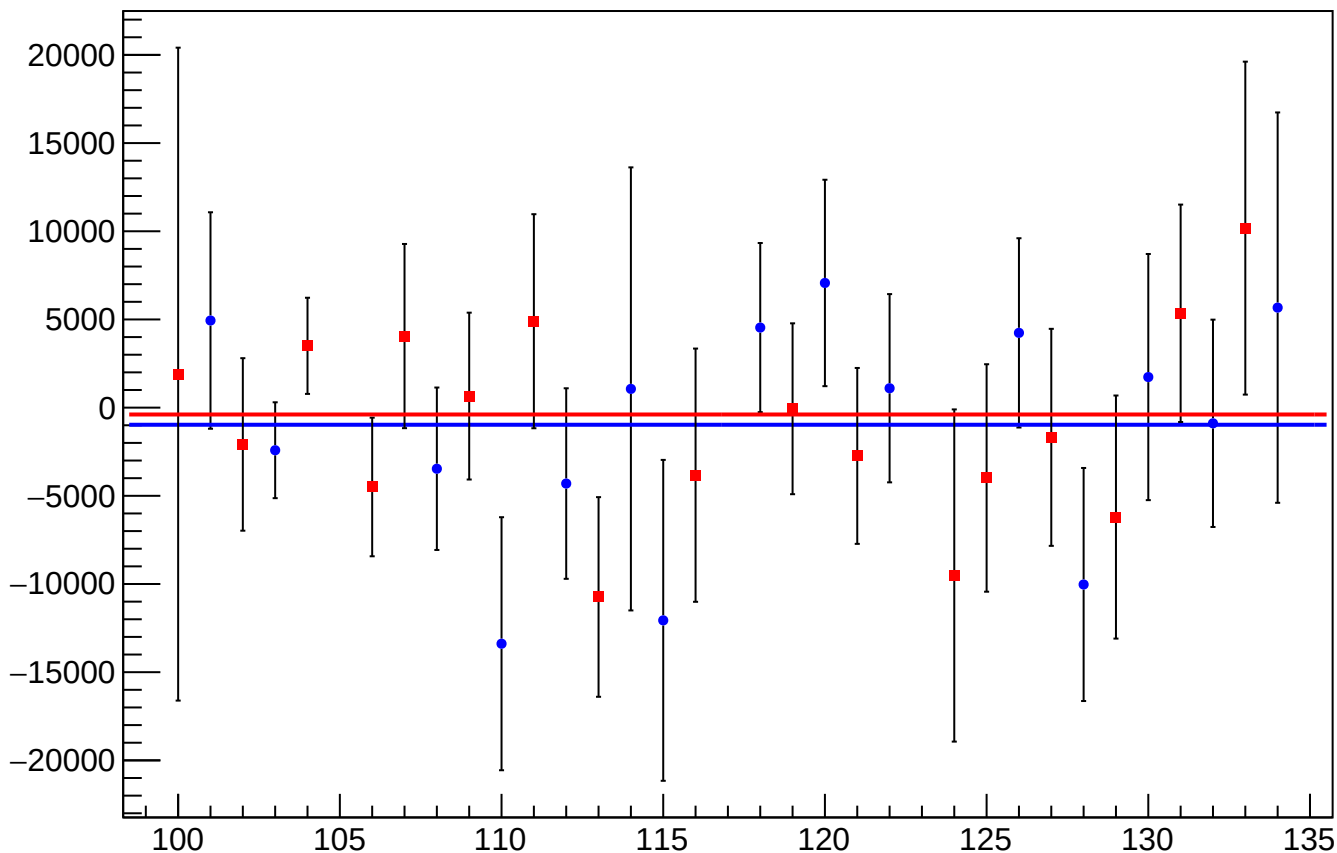
Right: 3144.687+/-0.640 χ^2/NDF : 1896421.0/31

In: 3447.397+/-0.996 χ^2/NDF : 585297.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.687+/-0.640 χ^2/NDF : 1896421.0/31

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -970.805+/-1408.214 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -388.925+/-1284.225 χ^2/NDF : 12.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

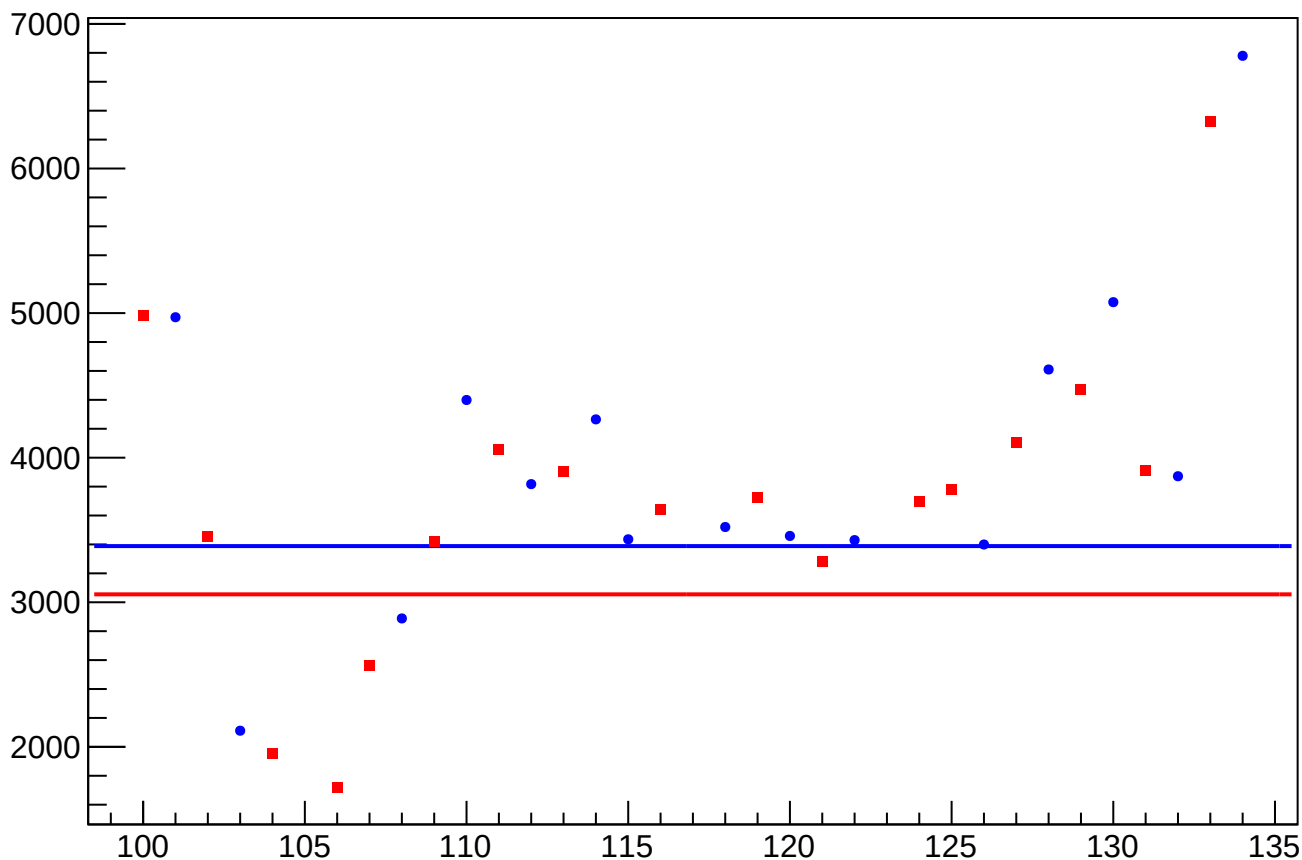
Right: -653.126+/-948.897 χ^2/NDF : 25.9/31

In: -970.805+/-1408.214 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -653.126+/-948.897 χ^2/NDF : 25.9/31

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3388.522+/-0.996 χ^2/NDF : 1048526.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3054.786+/-0.891 χ^2/NDF : 1313152.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

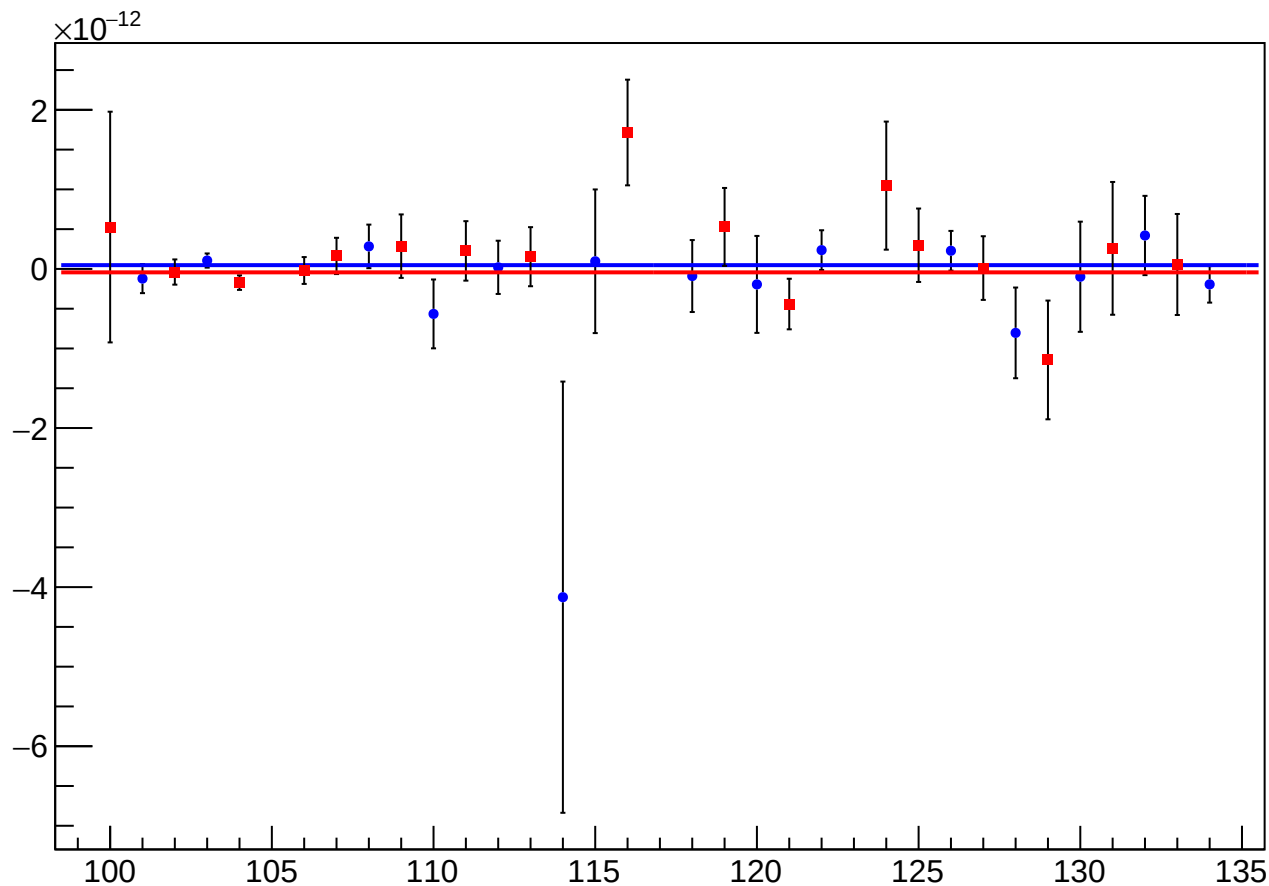
Right: 3203.253+/-0.664 χ^2/NDF : 2424037.9/31

In: 3388.522+/-0.996 χ^2/NDF : 1048526.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.253+/-0.664 χ^2/NDF : 2424037.9/31

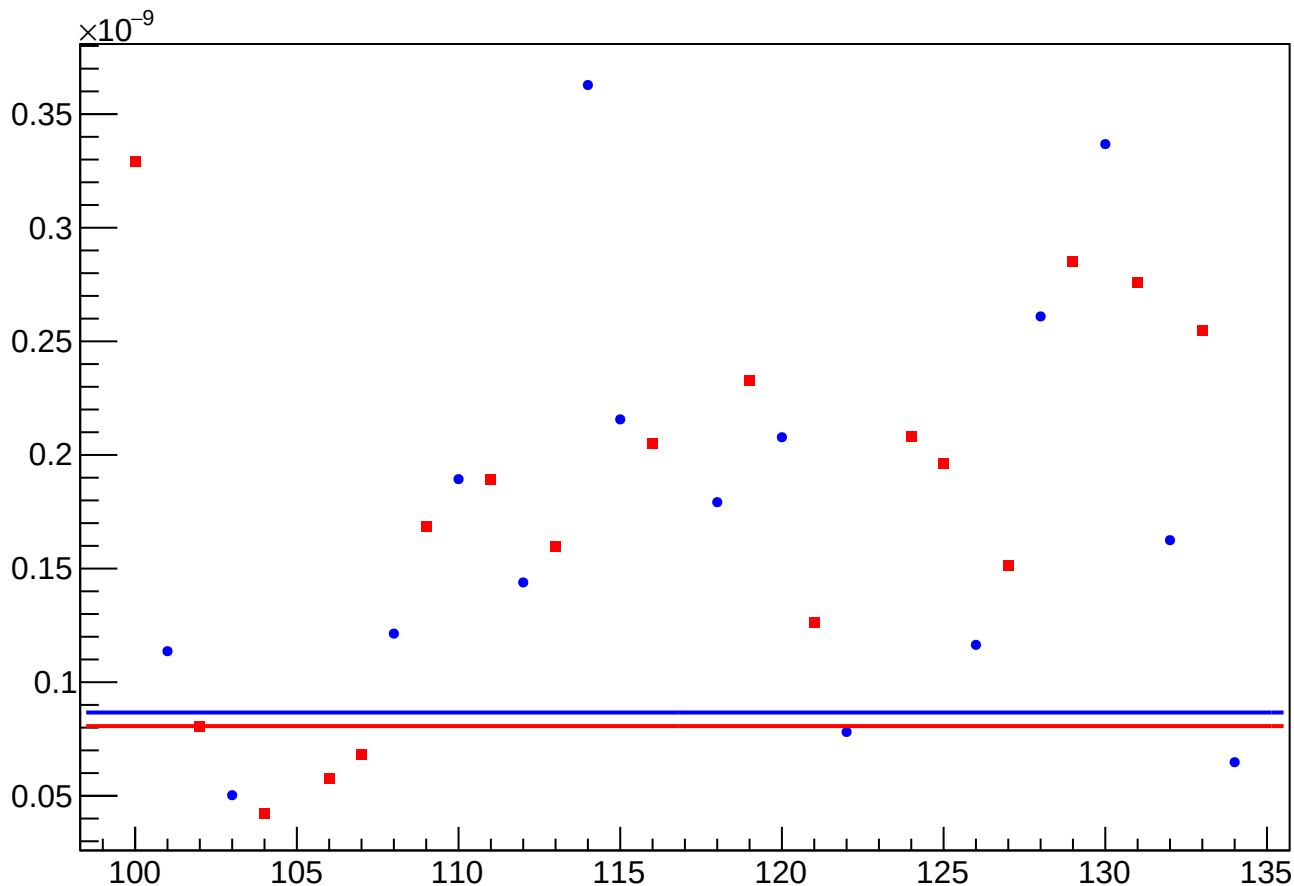
asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 11.7/14
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 19.1/16
 Left In: 0.000 $\pm$ 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 : 31.9/31
 In: 0.000 $\pm$ 0.000 χ^2/NDF : 11.7/14
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2/NDF : 31.9/31

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1348651.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1764462.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

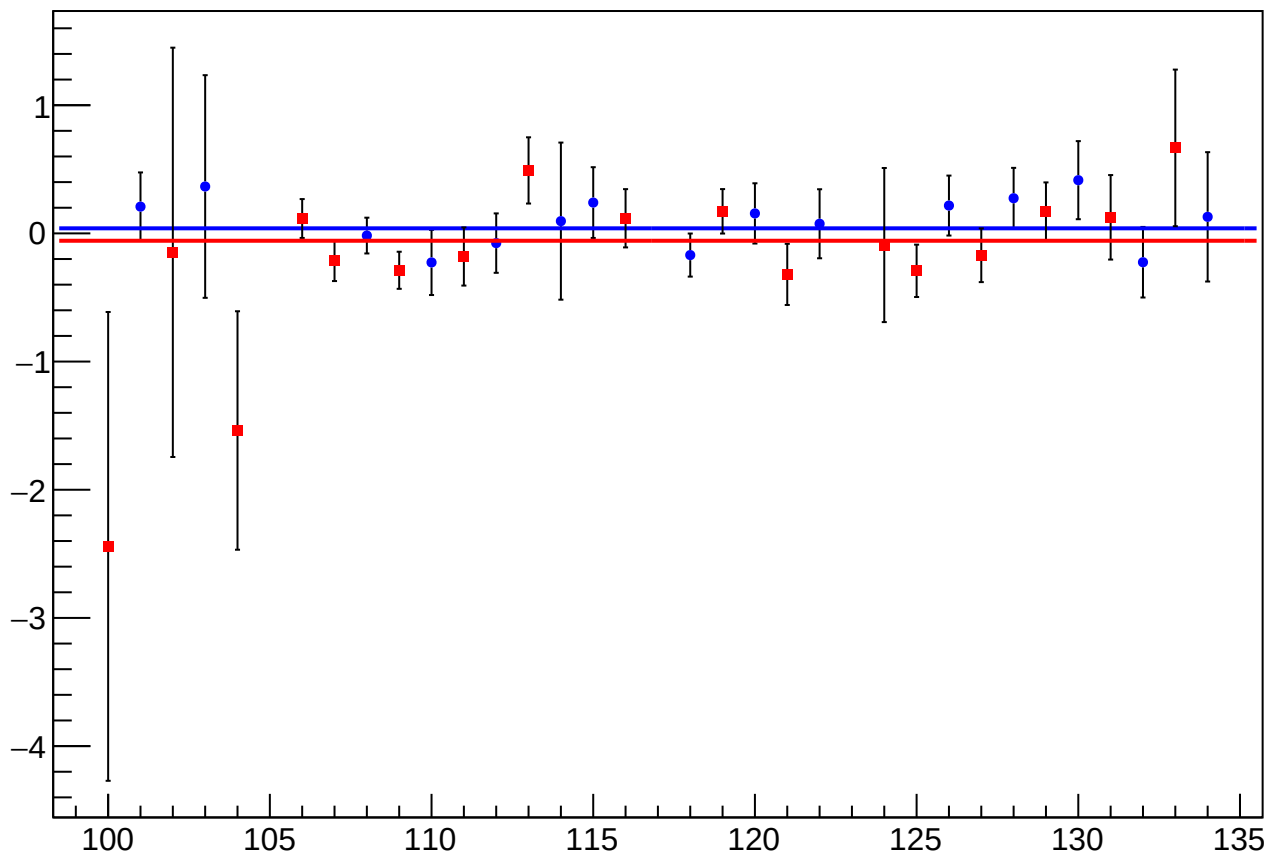
Right: 0.000+/-0.000 χ^2/NDF : 3122468.4/31

In: 0.000+/-0.000 χ^2/NDF : 1348651.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3122468.4/31

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.064 χ^2 /NDF: 8.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.058 $\pm$ 0.056 χ^2 /NDF: 21.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

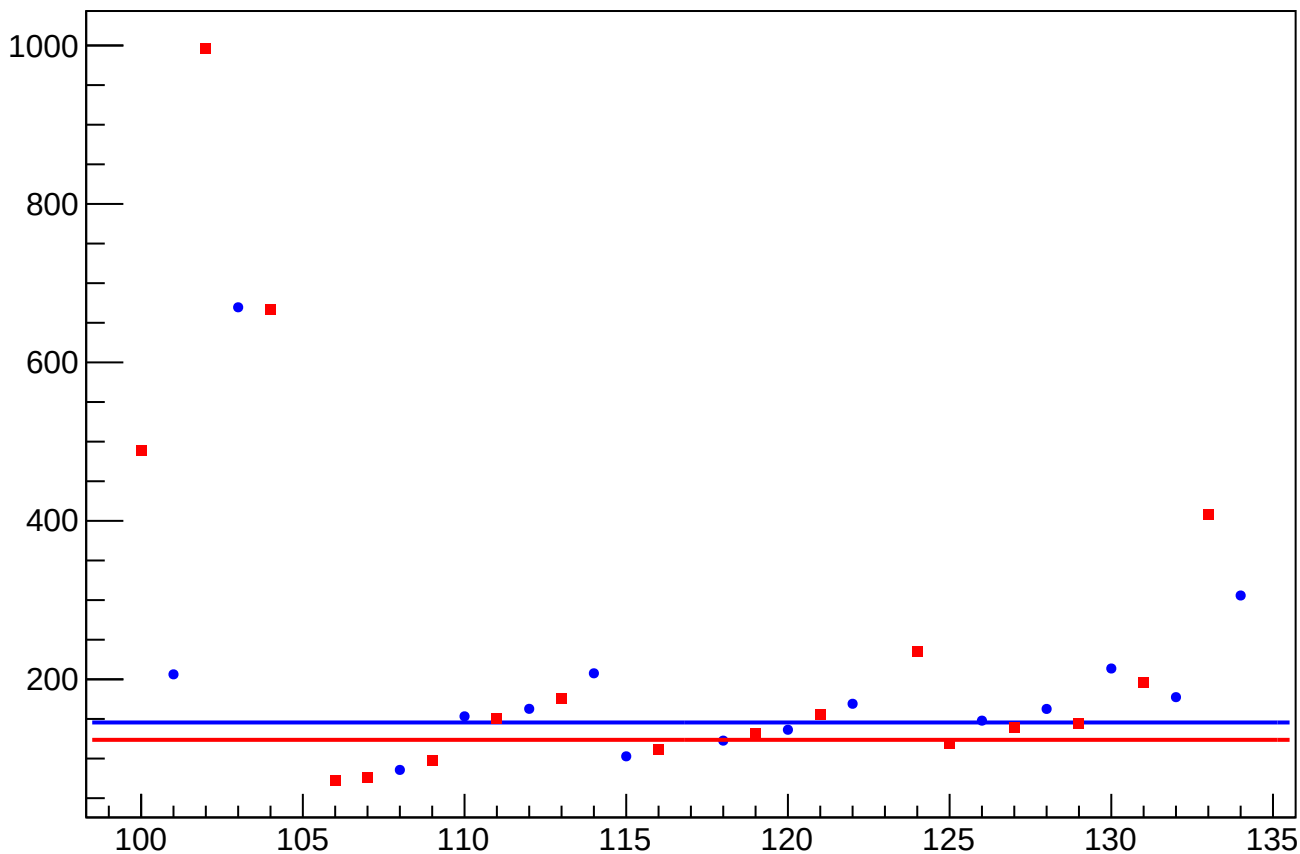
Right: -0.015 $\pm$ 0.042 χ^2 /NDF: 31.5/31

In: 0.039 $\pm$ 0.064 χ^2 /NDF:8.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.042 χ^2 /NDF: 31.5/31

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 145.538+/-0.045 χ^2/NDF : 1676095.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.619+/-0.040 χ^2/NDF : 2627350.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

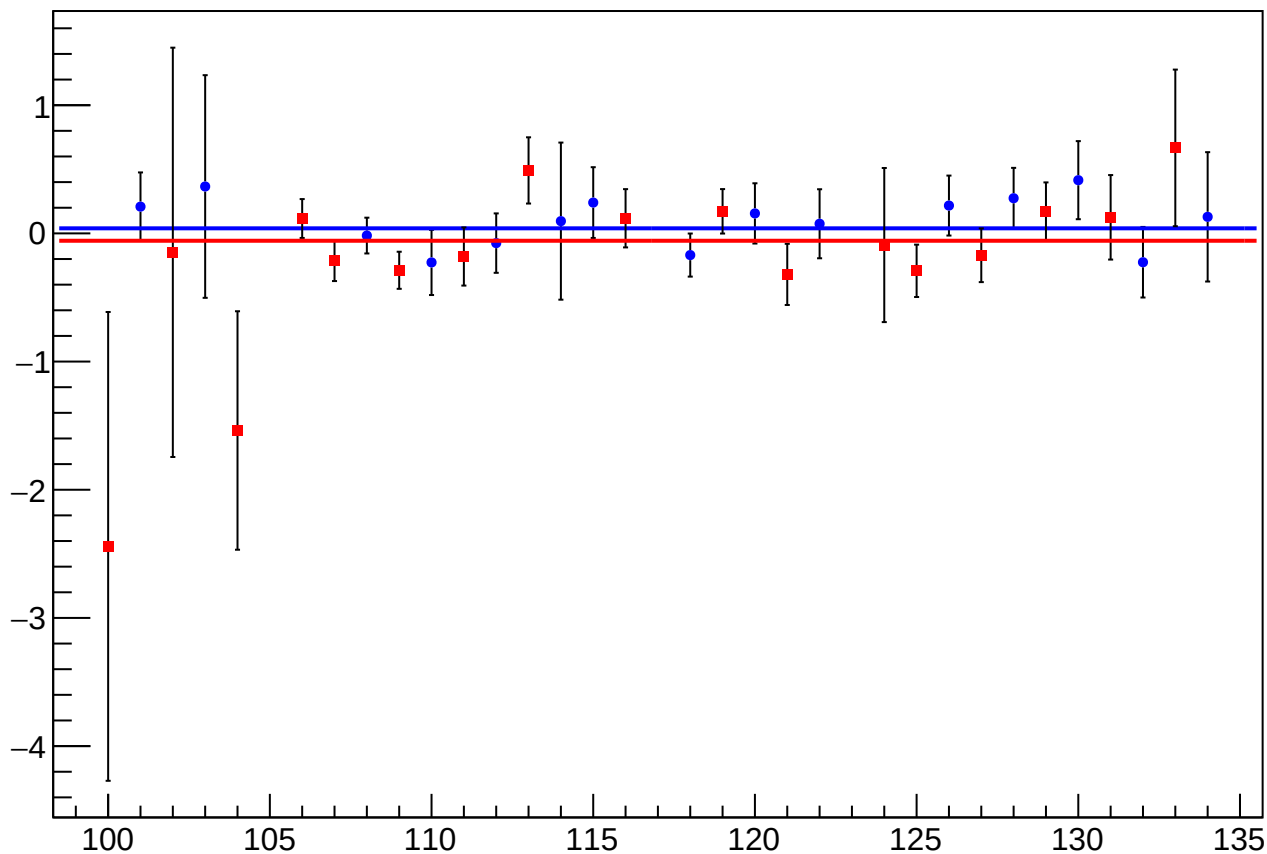
Right: 133.218+/-0.030 χ^2/NDF : 4437341.1/31

In: 145.538+/-0.045 χ^2/NDF : 1676095.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.218+/-0.030 χ^2/NDF : 4437341.1/31

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.064 χ^2/NDF : 8.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.056 χ^2/NDF : 21.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

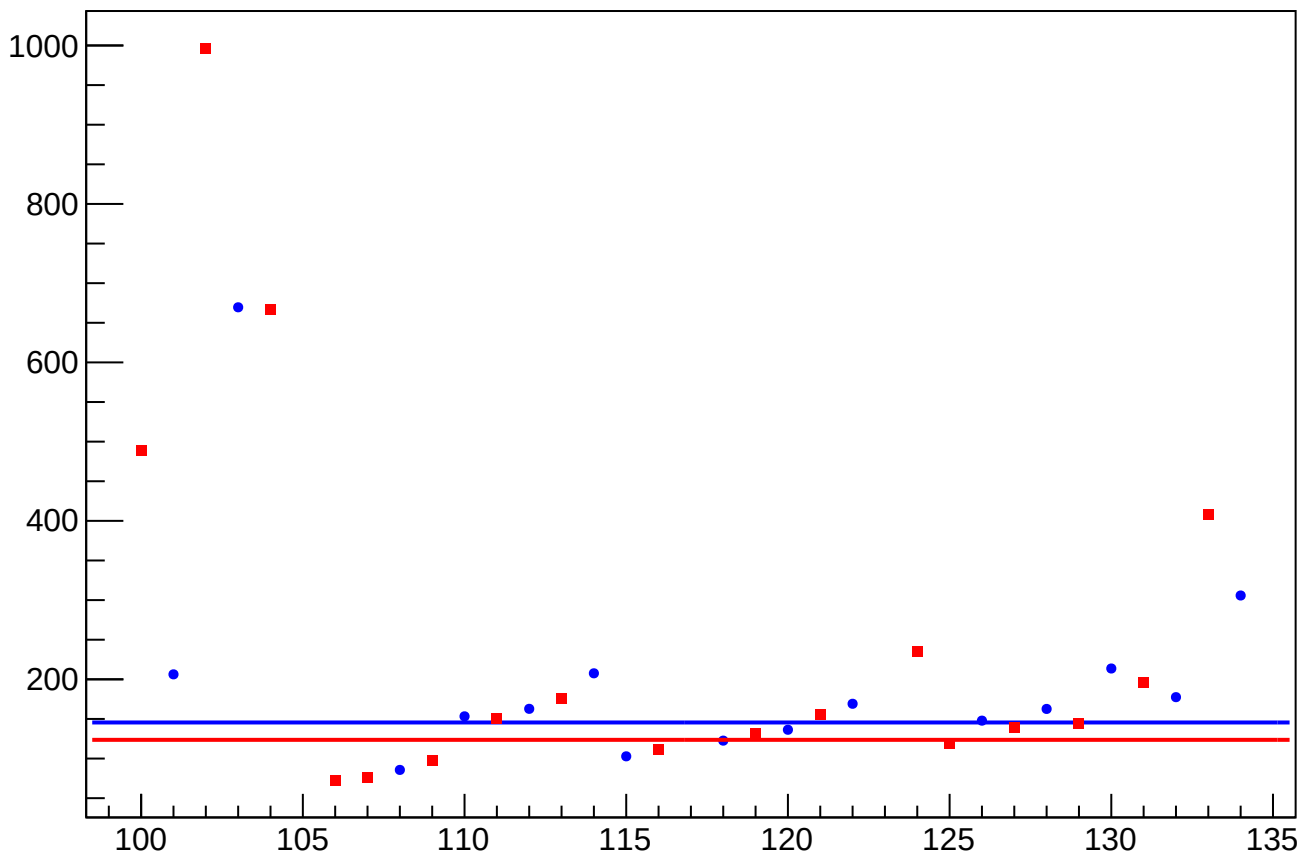
Right: -0.015+/-0.042 χ^2/NDF : 31.5/31

In: 0.039+/-0.064 χ^2/NDF : 8.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.042 χ^2/NDF : 31.5/31

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.538 $\pm$ 0.045 χ^2 /NDF: 1676095.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.619 $\pm$ 0.040 χ^2 /NDF: 2627350.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

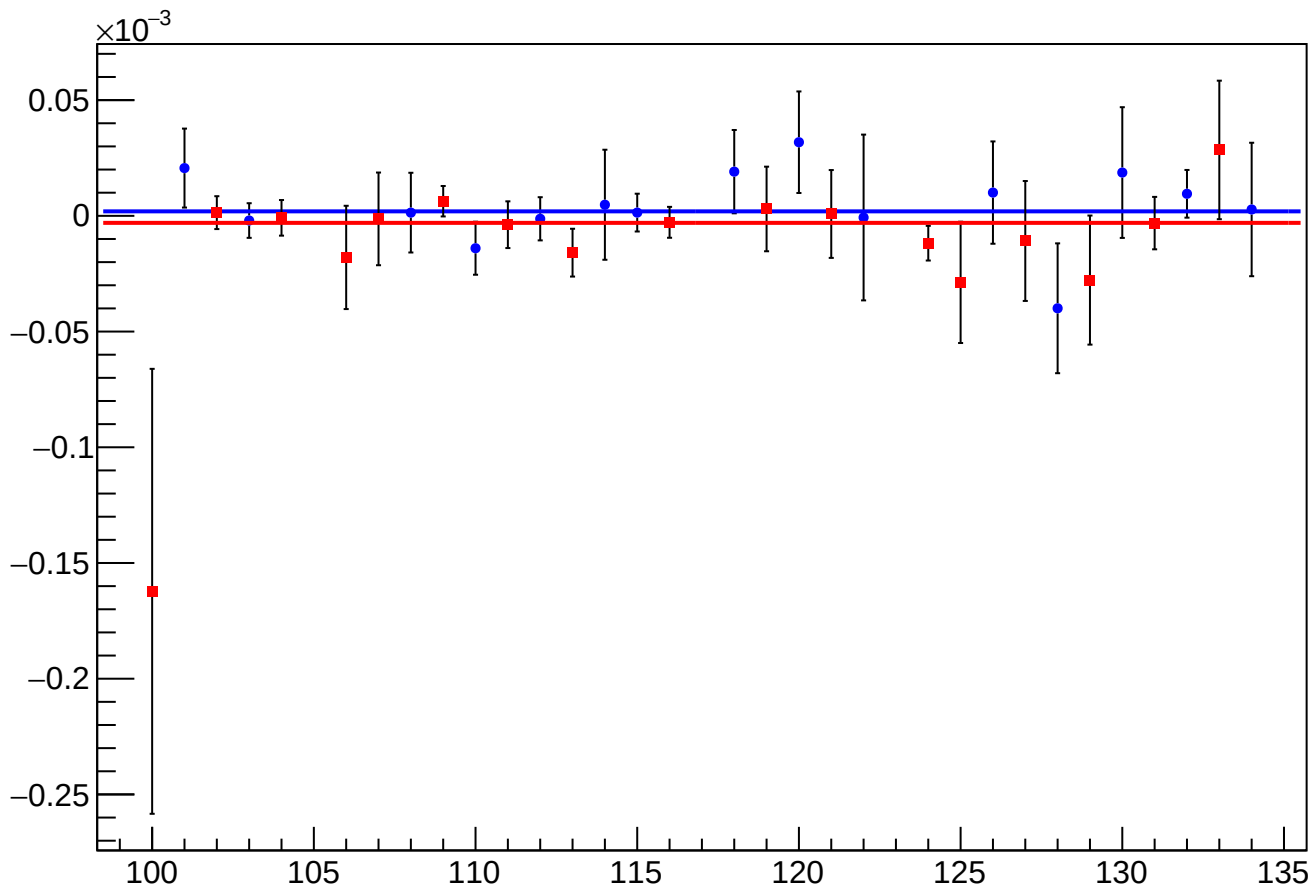
Right: 133.218 $\pm$ 0.030 χ^2 /NDF: 4437341.1/31

In: 145.538 $\pm$ 0.045 χ^2 /NDF:1676095.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.218 $\pm$ 0.030 χ^2 /NDF: 4437341.1/31

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 9.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

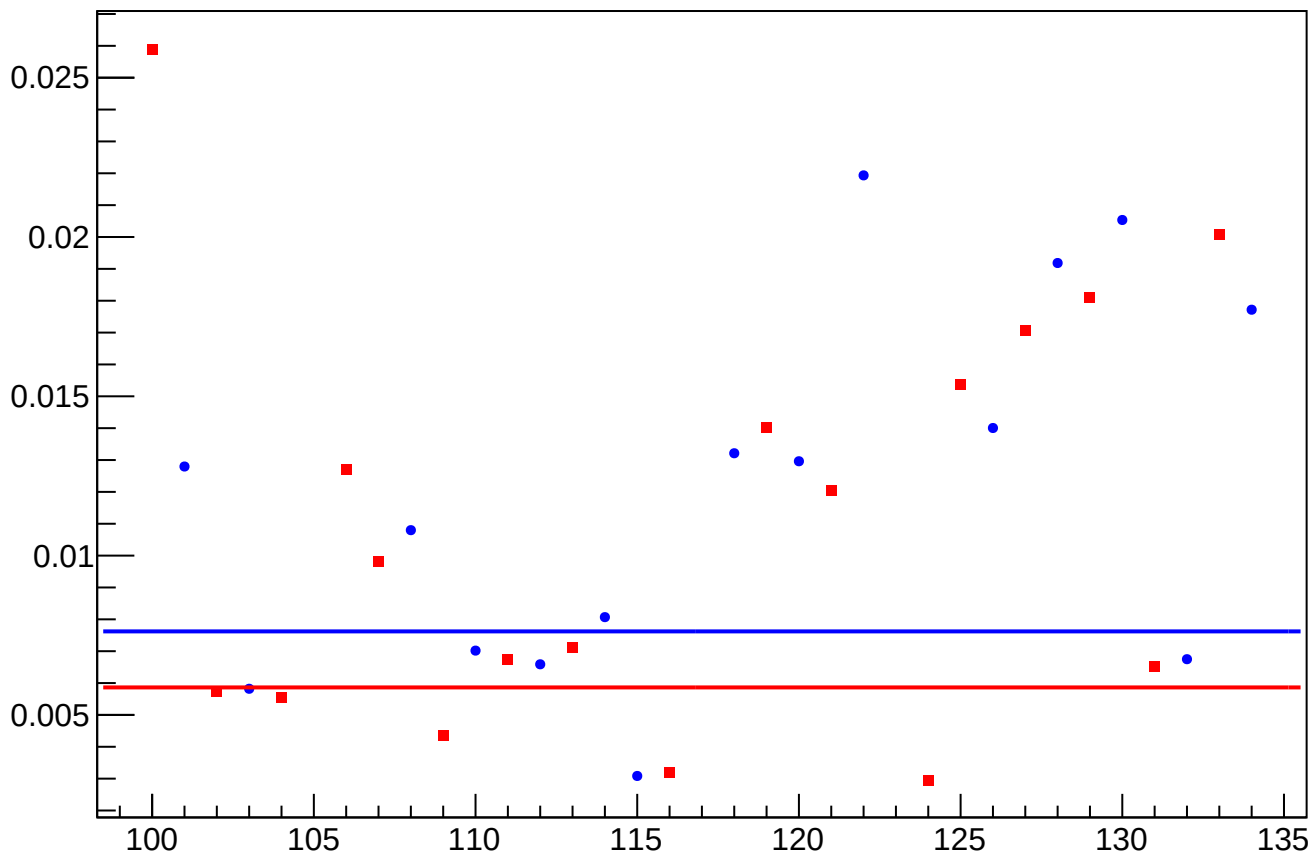
Right: -0.000 ± 0.000 χ^2/NDF : 22.6/31

In: 0.000 ± 0.000 χ^2/NDF : 9.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 22.6/31

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 2831357.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 3219681.0/16

Left 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 : 6372411.9/31

In: 0.008+/-0.000

χ^2/NDF : 2831357.7/14

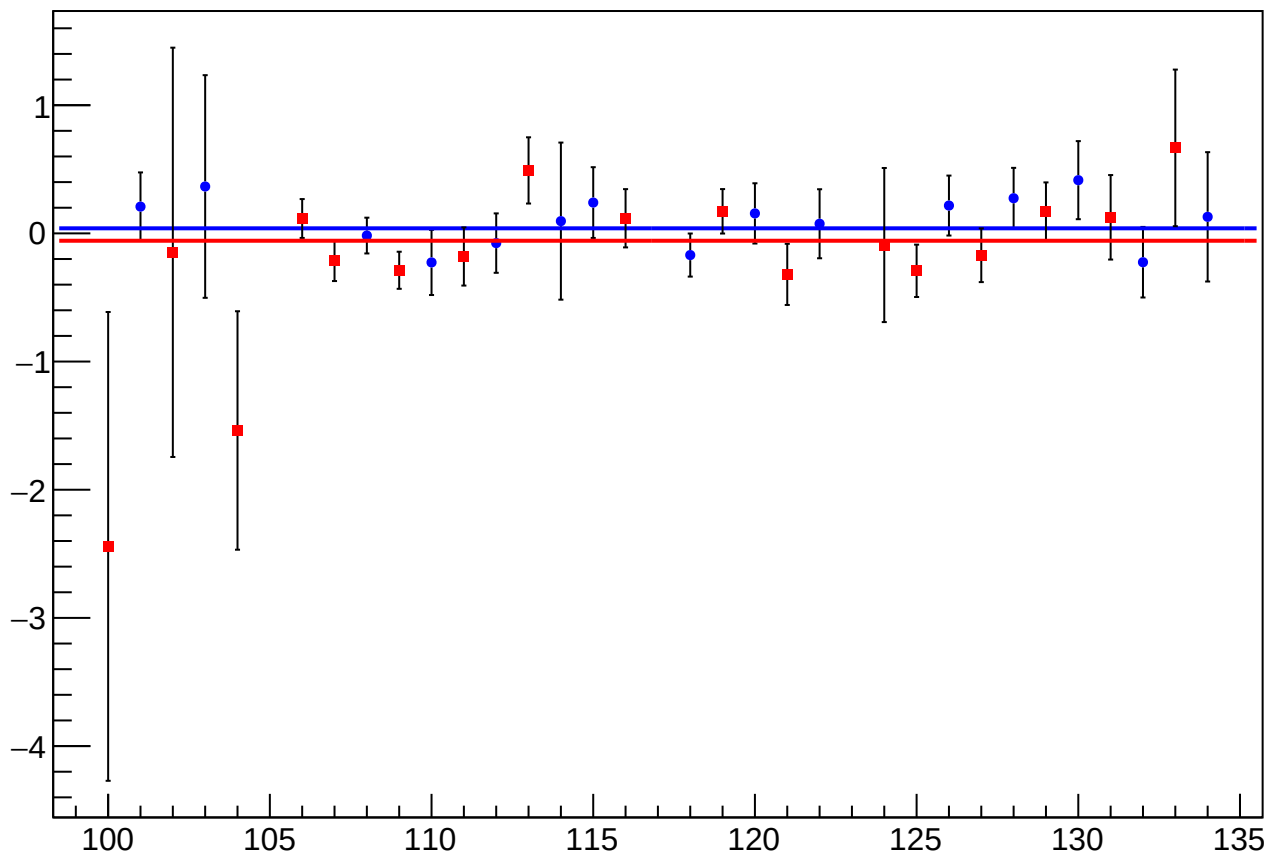
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 6372411.9/31

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.064 χ^2 /NDF: 8.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.058 $\pm$ 0.056 χ^2 /NDF: 21.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

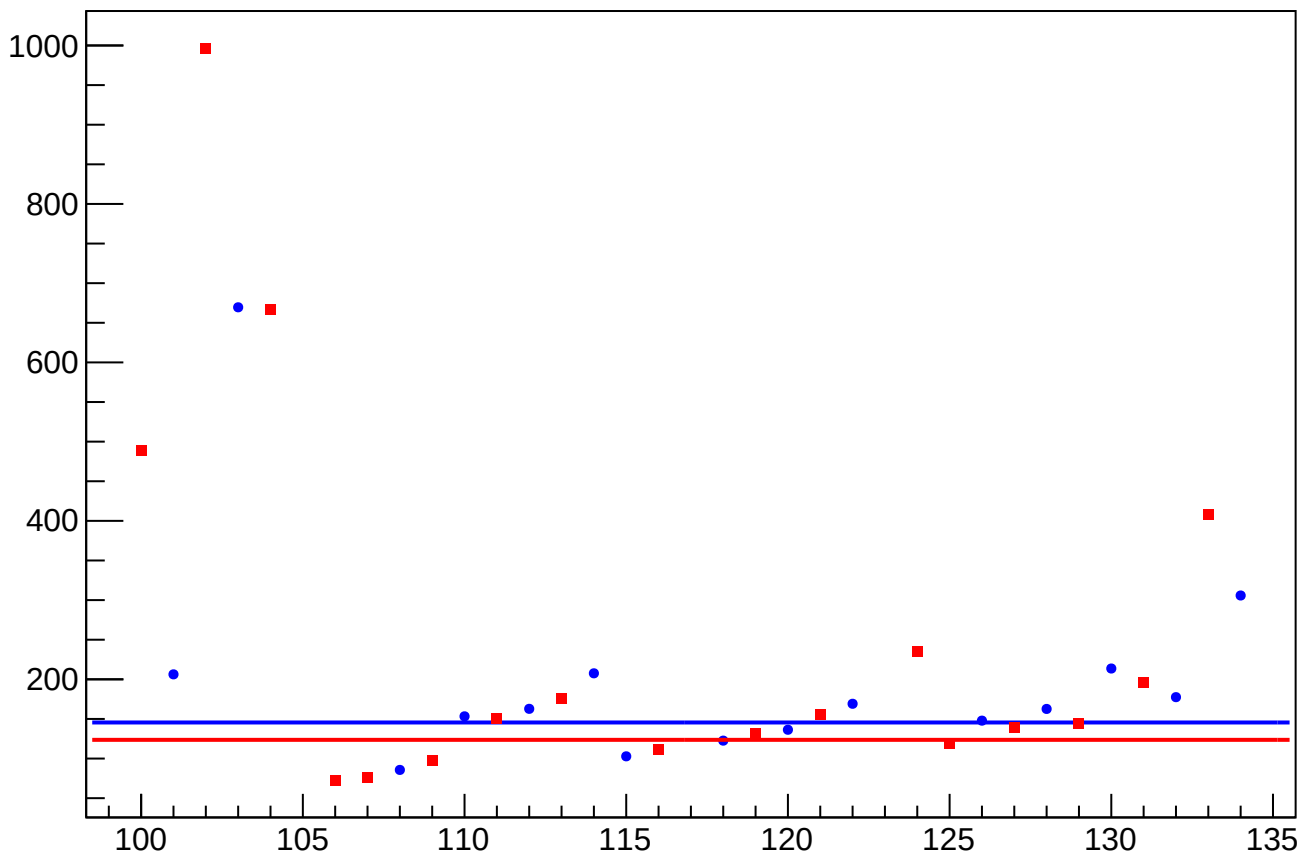
Right: -0.015 $\pm$ 0.042 χ^2 /NDF: 31.5/31

In: 0.039 $\pm$ 0.064 χ^2 /NDF:8.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.042 χ^2 /NDF: 31.5/31

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.535 $\pm$ 0.045 χ^2 /NDF: 1676156.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.619 $\pm$ 0.040 χ^2 /NDF: 2627325.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

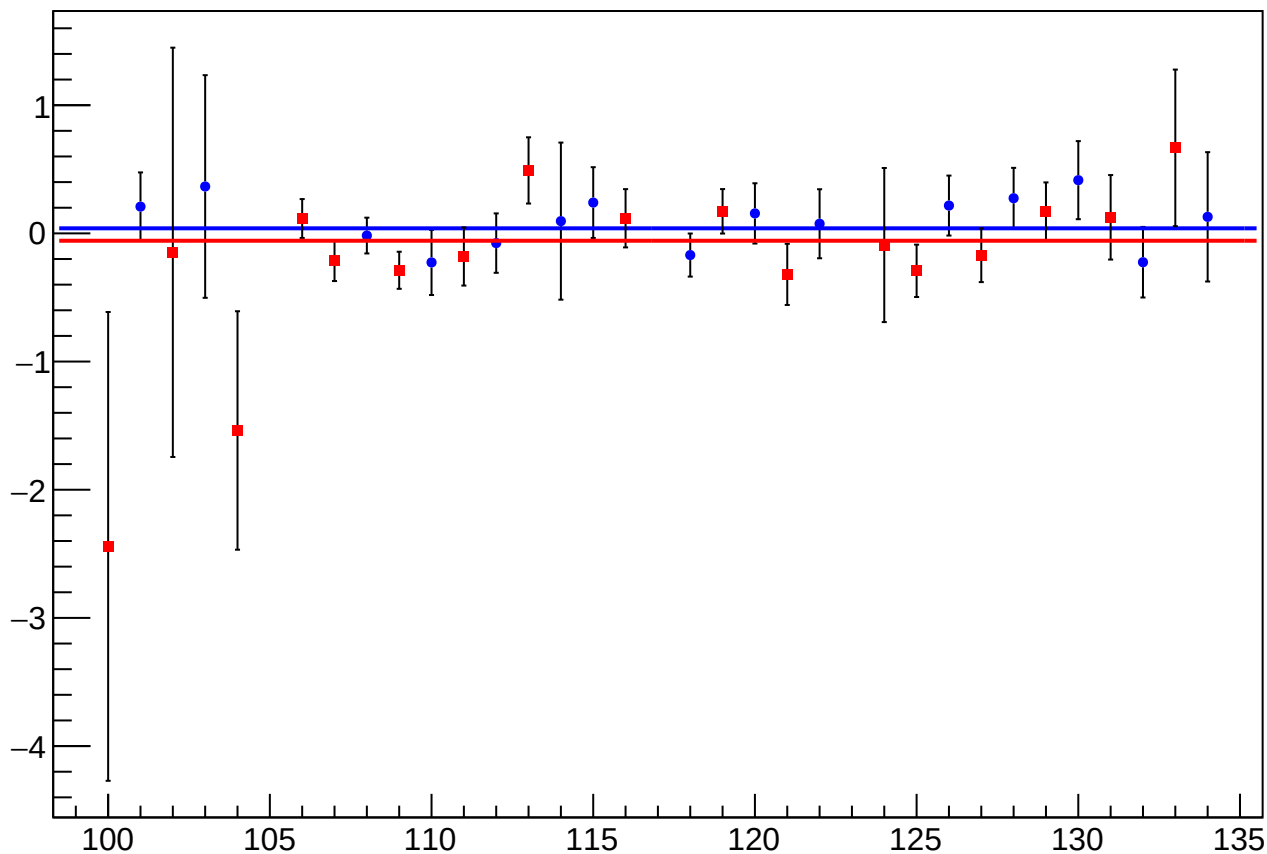
Right: 133.217 $\pm$ 0.030 χ^2 /NDF: 4437343.4/31

In: 145.535 $\pm$ 0.045 χ^2 /NDF:1676156.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.217 $\pm$ 0.030 χ^2 /NDF: 4437343.4/31

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.064 χ^2/NDF : 8.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.056 χ^2/NDF : 21.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

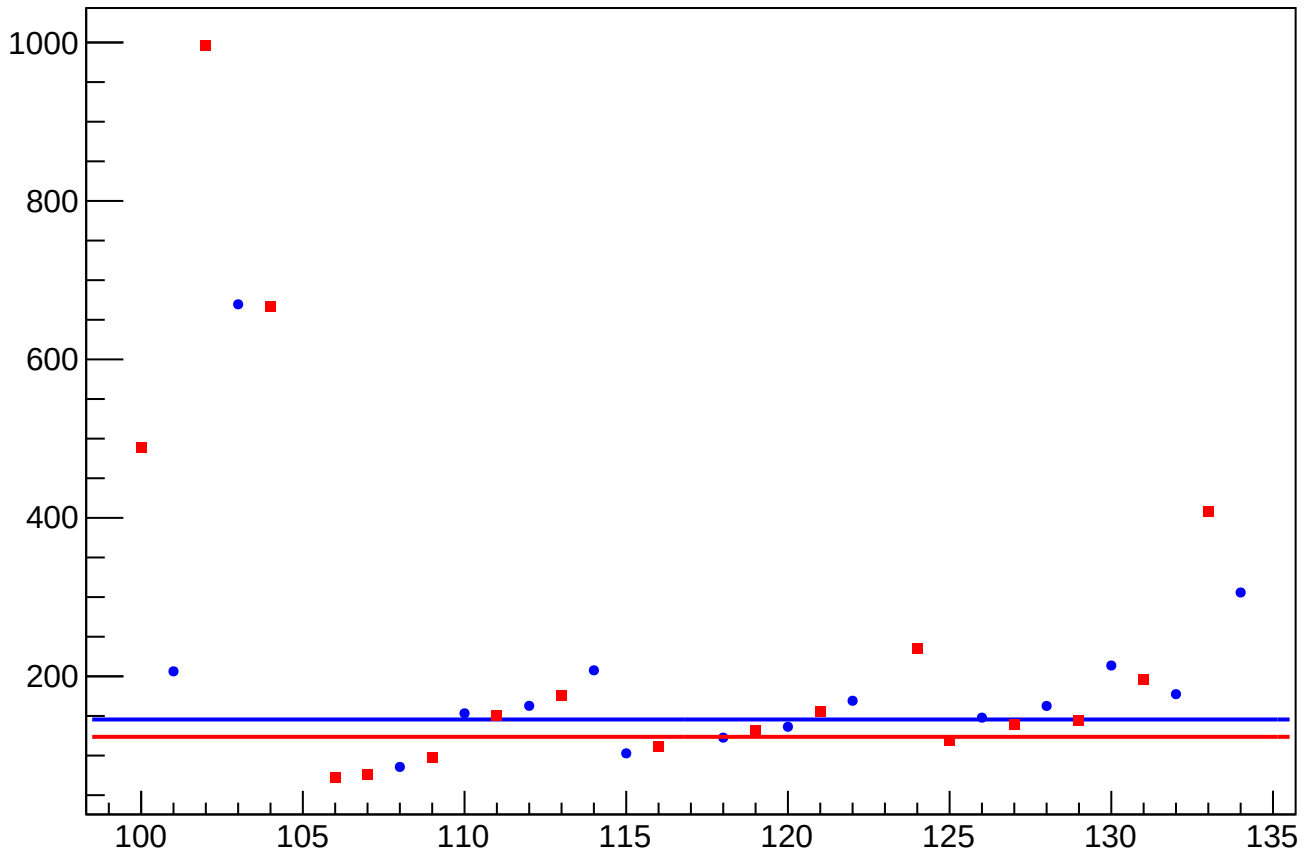
Right: -0.015+/-0.042 χ^2/NDF : 31.5/31

In: 0.039+/-0.064 χ^2/NDF : 8.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.042 χ^2/NDF : 31.5/31

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.535+/-0.045 χ^2/NDF : 1676156.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.619+/-0.040 χ^2/NDF : 2627325.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

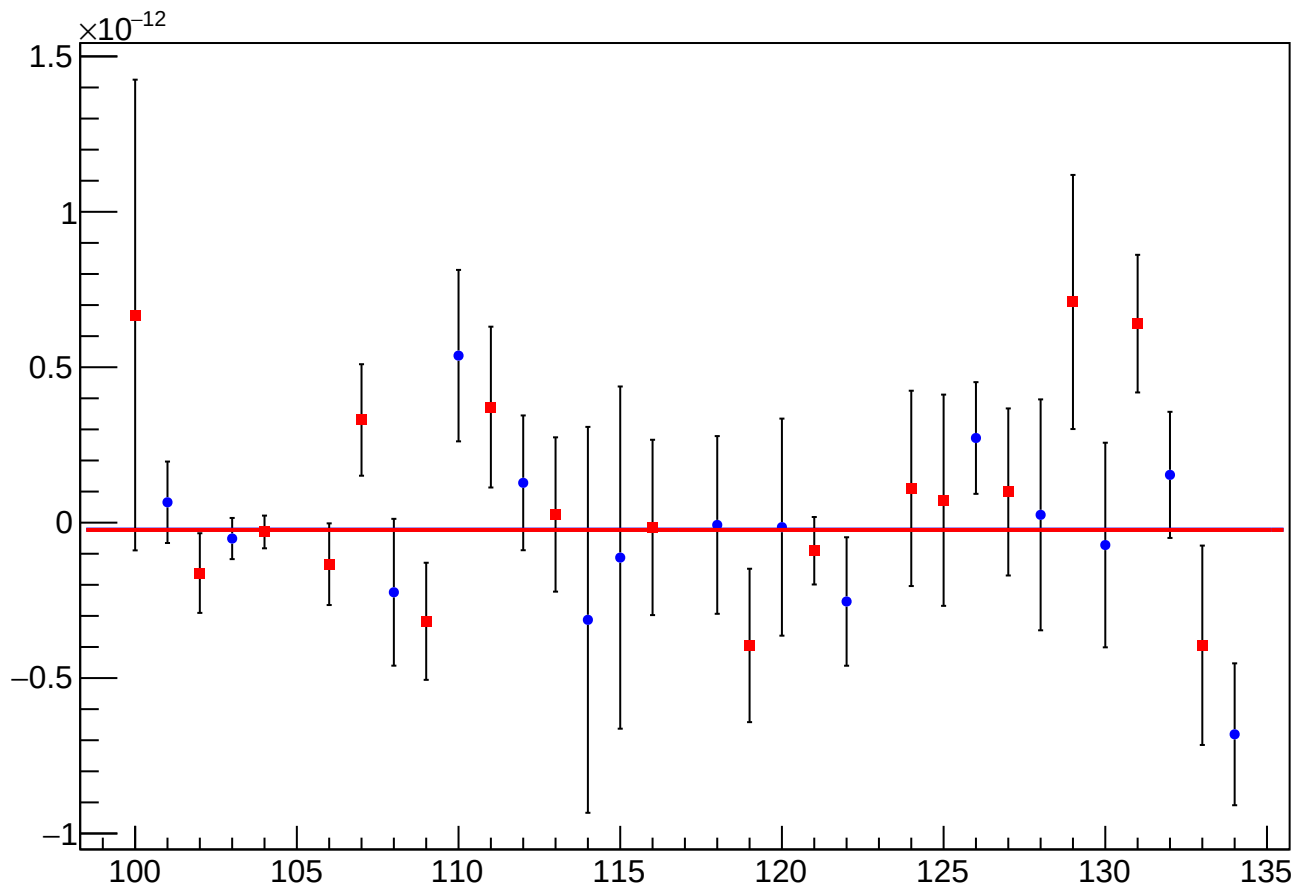
Right: 133.217+/-0.030 χ^2/NDF : 4437343.4/31

In: 145.535+/-0.045 χ^2/NDF :1676156.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.217+/-0.030 χ^2/NDF : 4437343.4/31

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 28.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

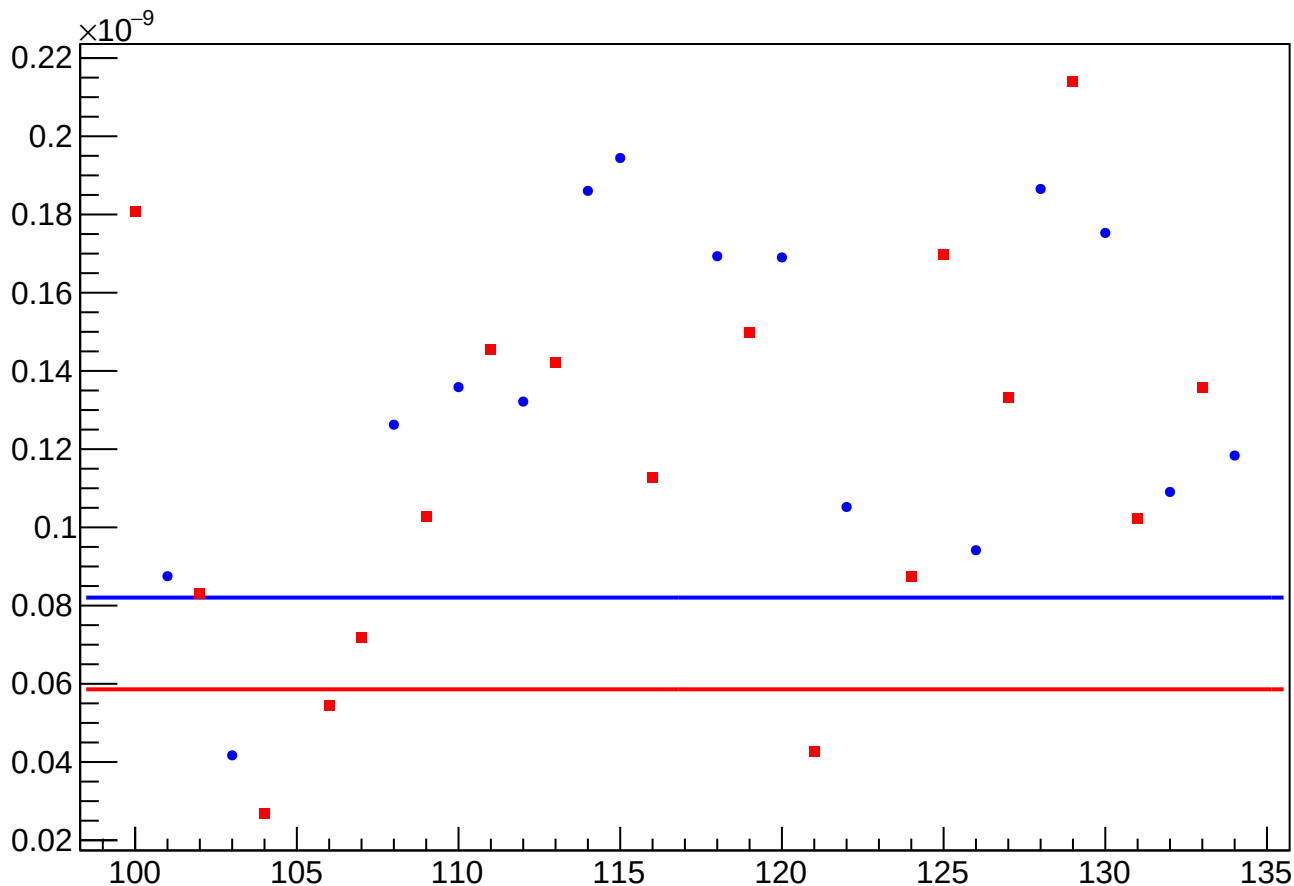
Right: -0.000+/-0.000 χ^2/NDF : 47.4/31

In: -0.000+/-0.000 χ^2/NDF : 19.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 47.4/31

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1887540.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2685477.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

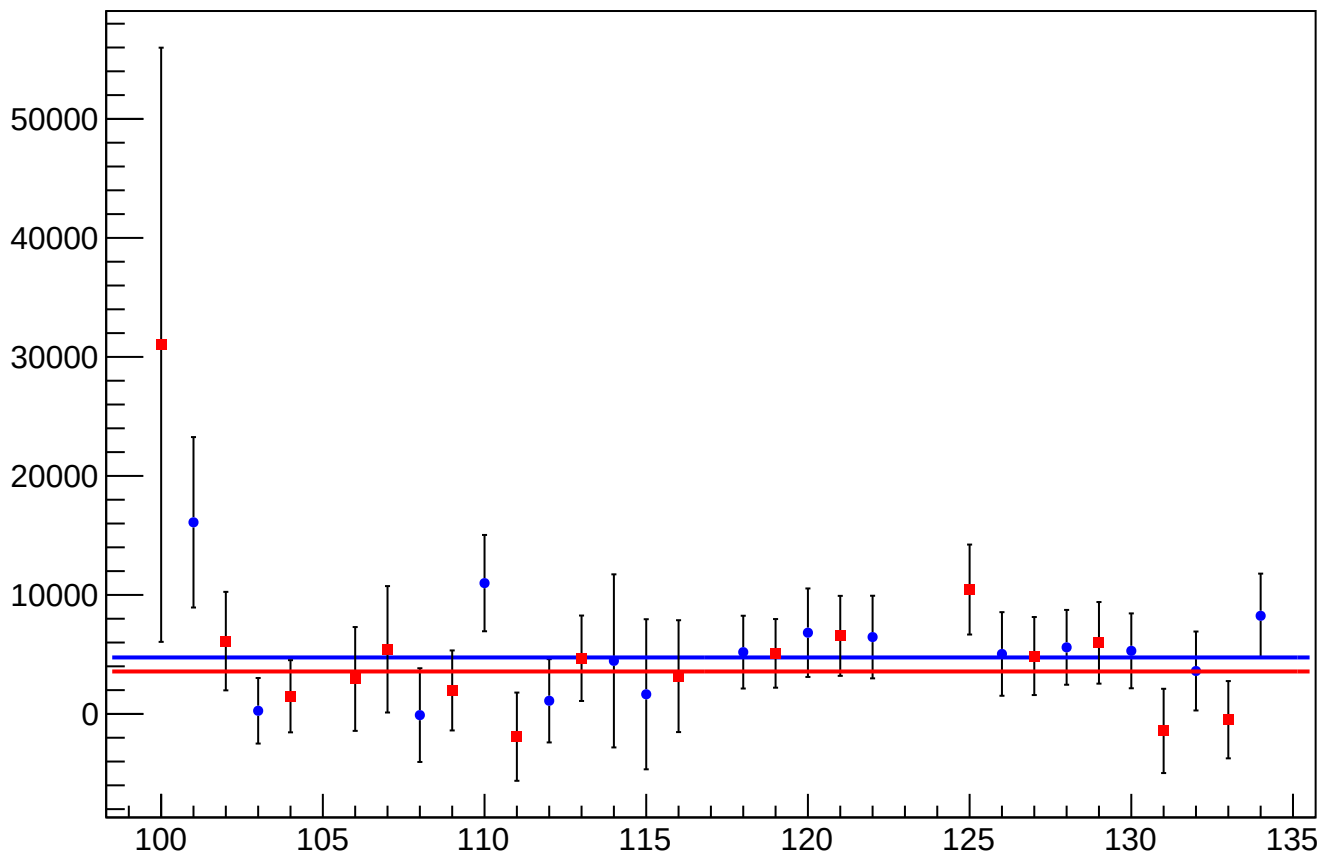
Right: 0.000+/-0.000 χ^2/NDF : 4895519.8/31

In: 0.000+/-0.000 χ^2/NDF : 1887540.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4895519.8/31

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4746.770+/-945.493 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3567.842+/-923.576 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

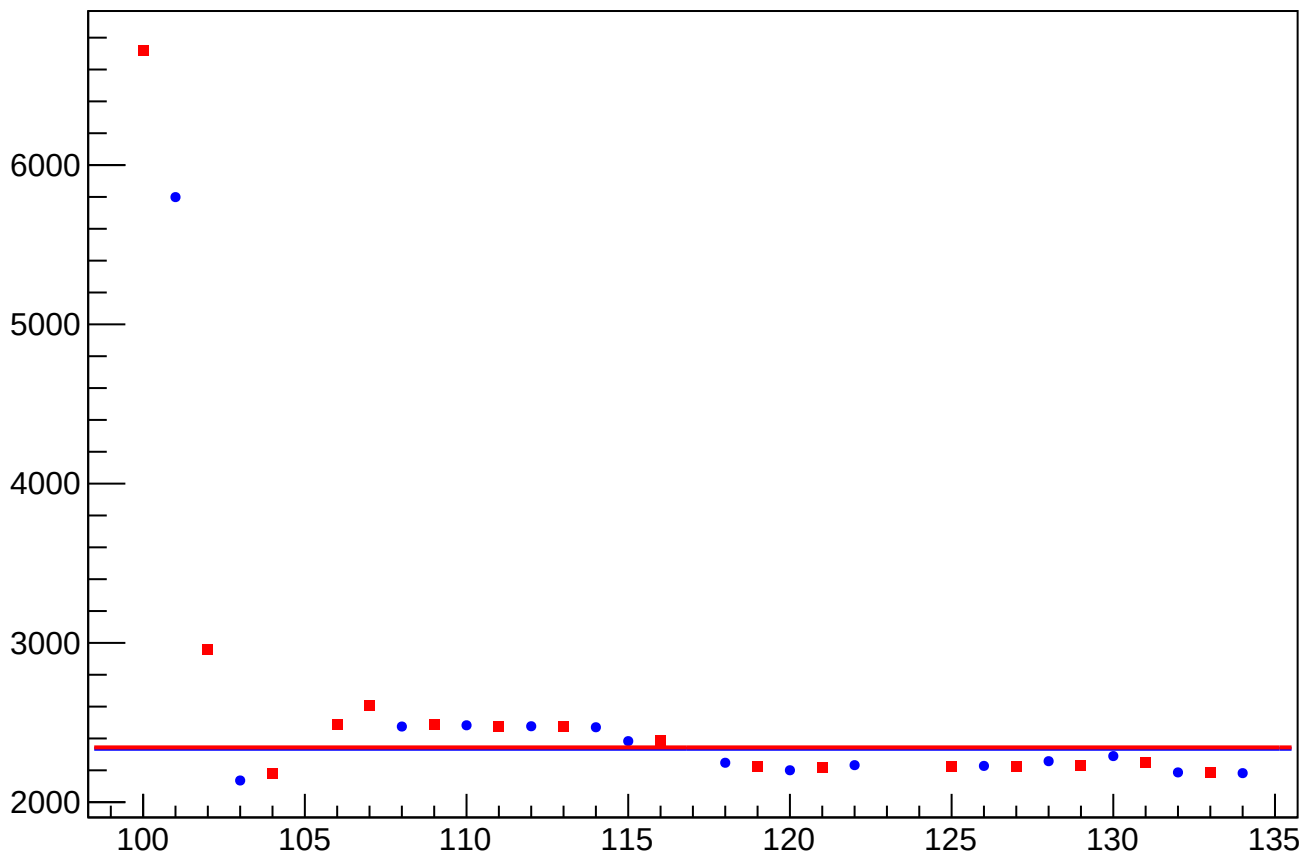
Right: 4143.483+/-660.679 χ^2/NDF : 26.3/30

In: 4746.770+/-945.493 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4143.483+/-660.679 χ^2/NDF : 26.3/30

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2335.297+/-0.669 χ^2/NDF : 504892.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2343.890+/-0.653 χ^2/NDF : 147106.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

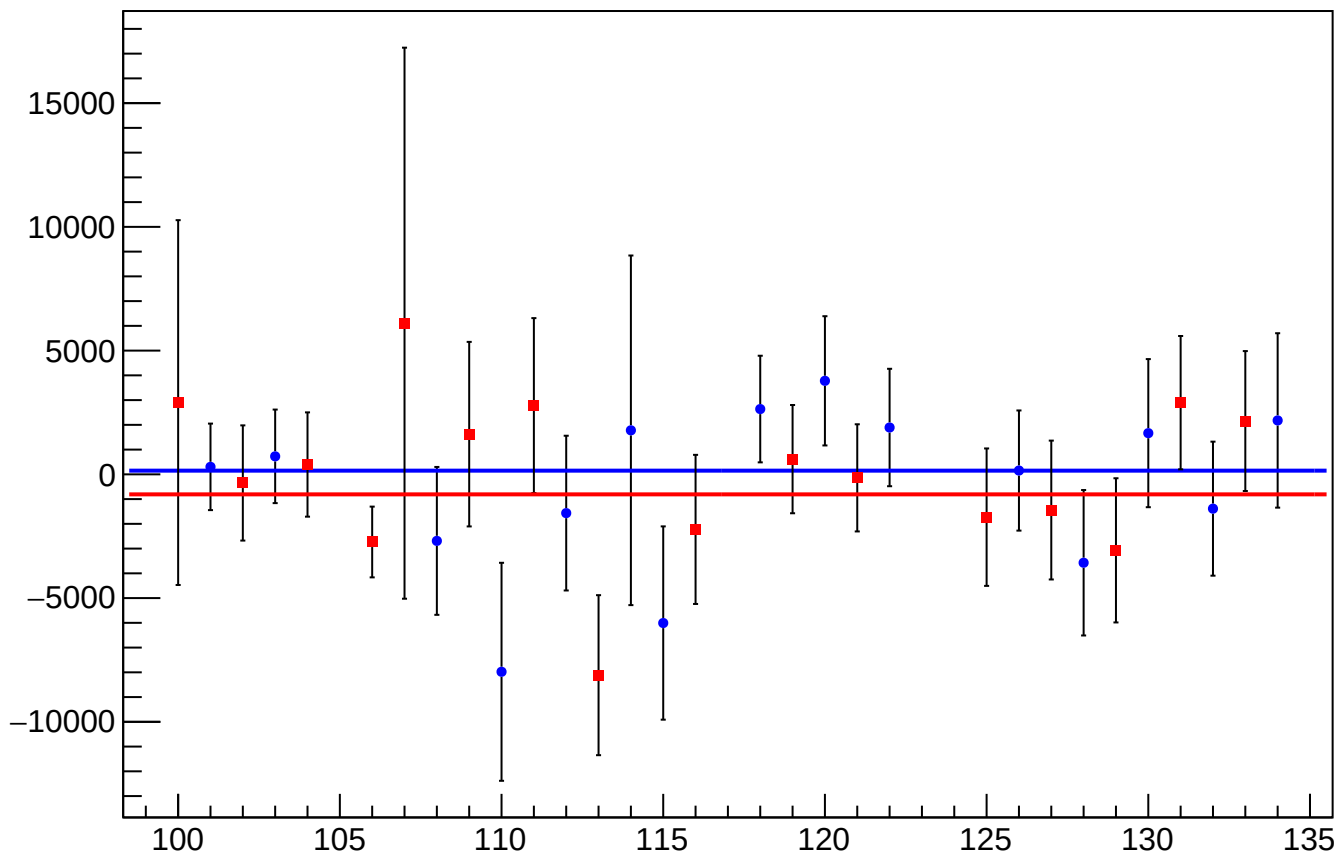
Right: 2339.694+/-0.467 χ^2/NDF : 652083.3/30

In: 2335.297+/-0.669 χ^2/NDF : 504892.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.694+/-0.467 χ^2/NDF : 652083.3/30

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 149.328+/-687.996 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -808.647+/-653.255 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

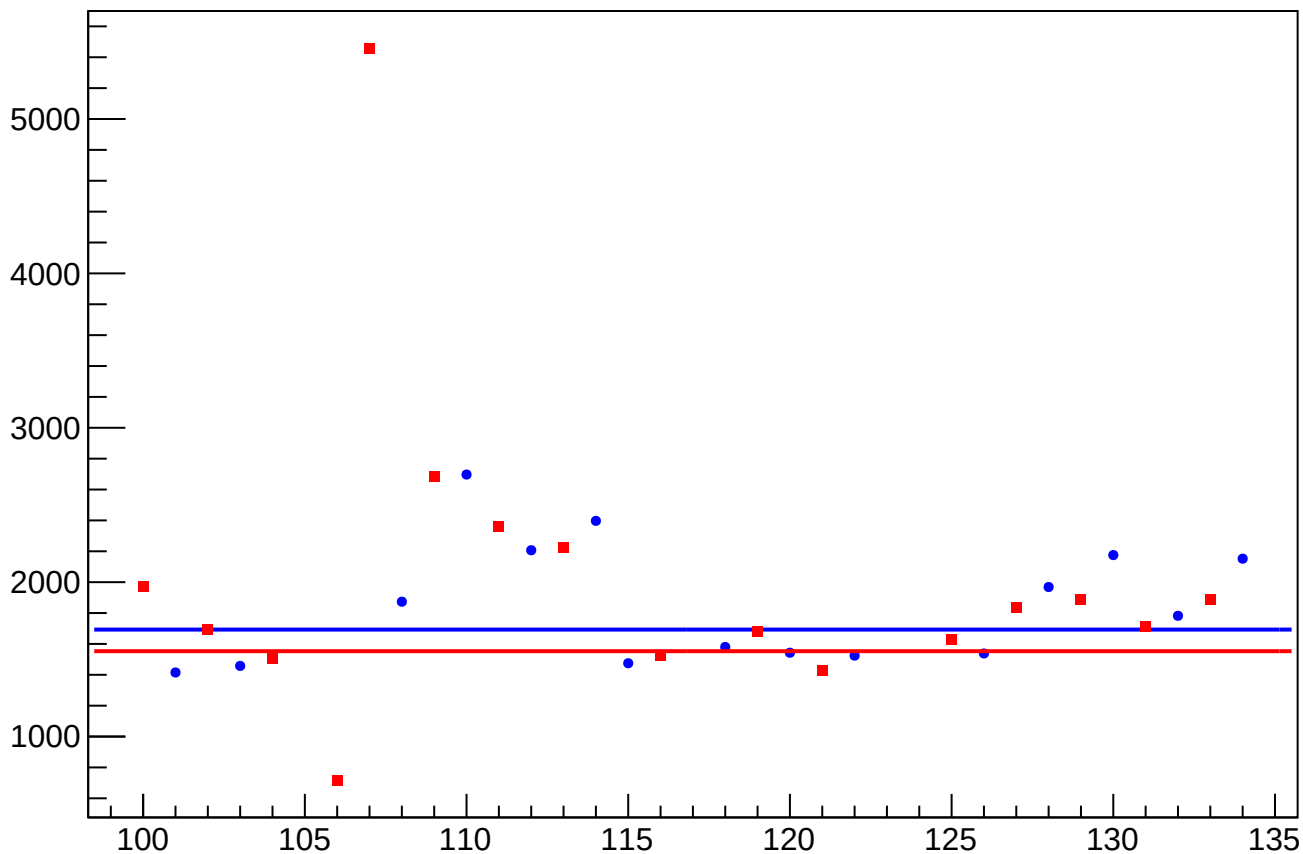
Right: -354.457+/-473.727 χ^2/NDF : 28.5/30

In: 149.328+/-687.996 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.457+/-473.727 χ^2/NDF : 28.5/30

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1692.917+/-0.486 χ^2/NDF : 408989.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1552.927+/-0.462 χ^2/NDF : 1421266.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

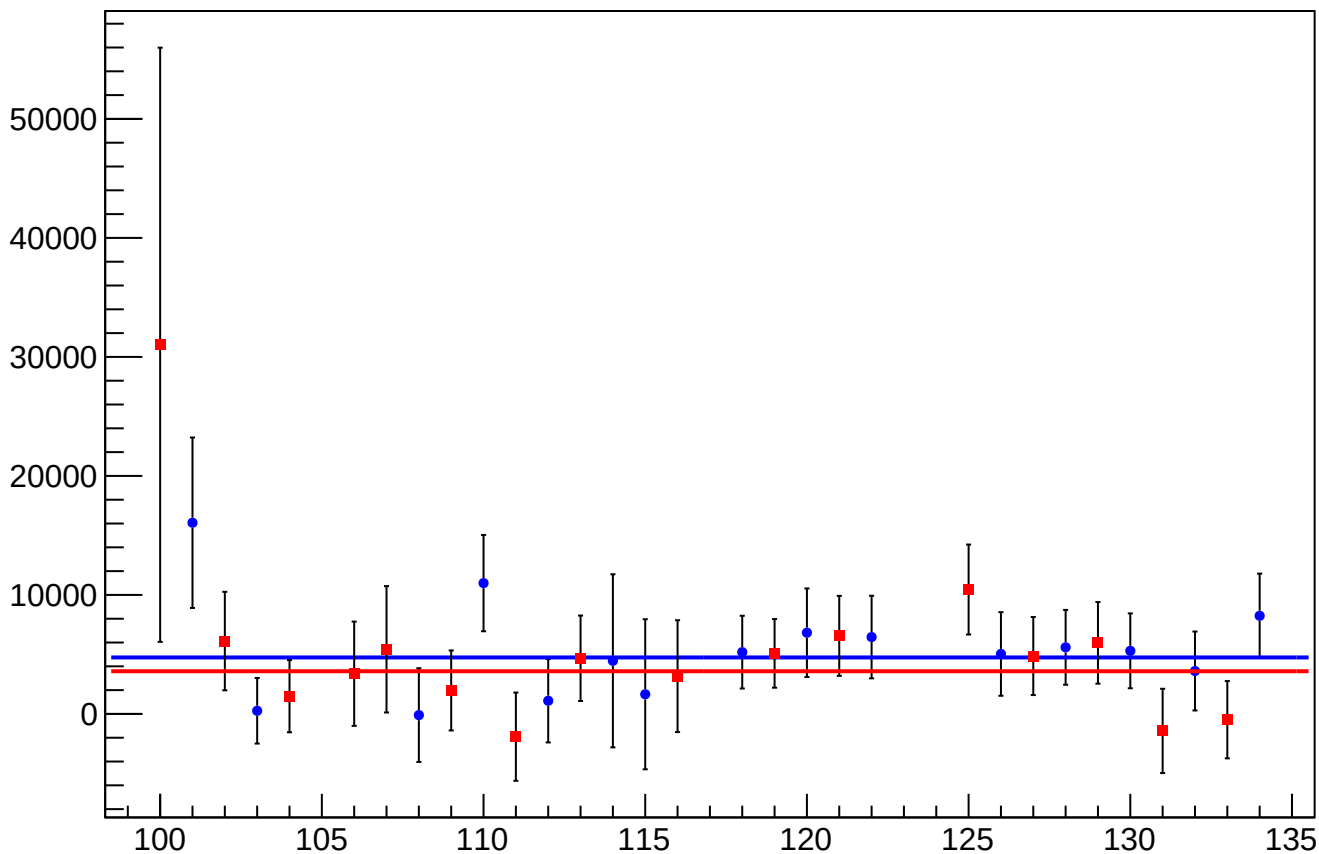
Right: 1619.298+/-0.335 χ^2/NDF : 1873800.8/30

In: 1692.917+/-0.486 χ^2/NDF : 408989.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.298+/-0.335 χ^2/NDF : 1873800.8/30

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4746.000+/-945.493 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3588.124+/-923.755 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

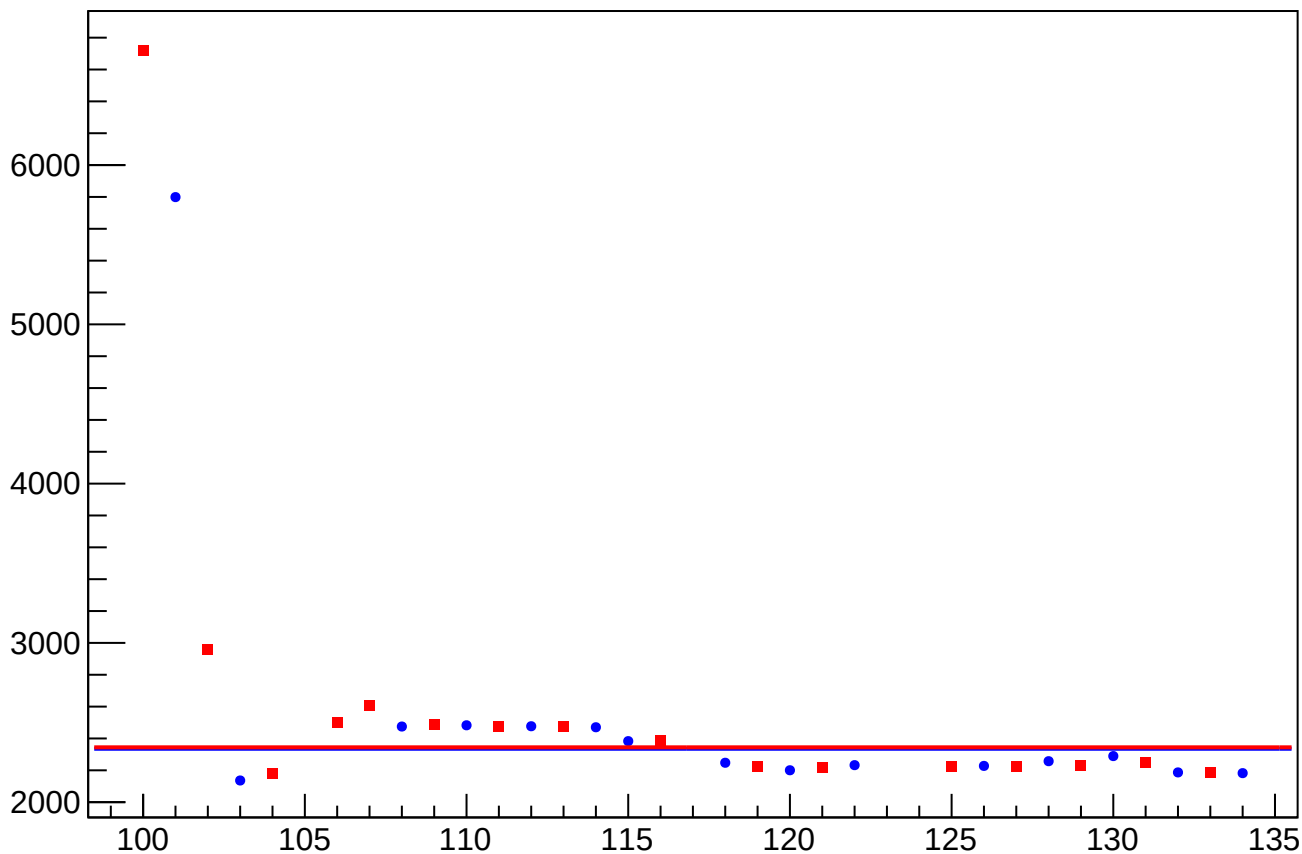
Right: 4153.598+/-660.745 χ^2/NDF : 26.2/30

In: 4746.000+/-945.493 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4153.598+/-660.745 χ^2/NDF : 26.2/30

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2335.297+/-0.669 χ^2/NDF : 504892.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.310+/-0.653 χ^2/NDF : 147425.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

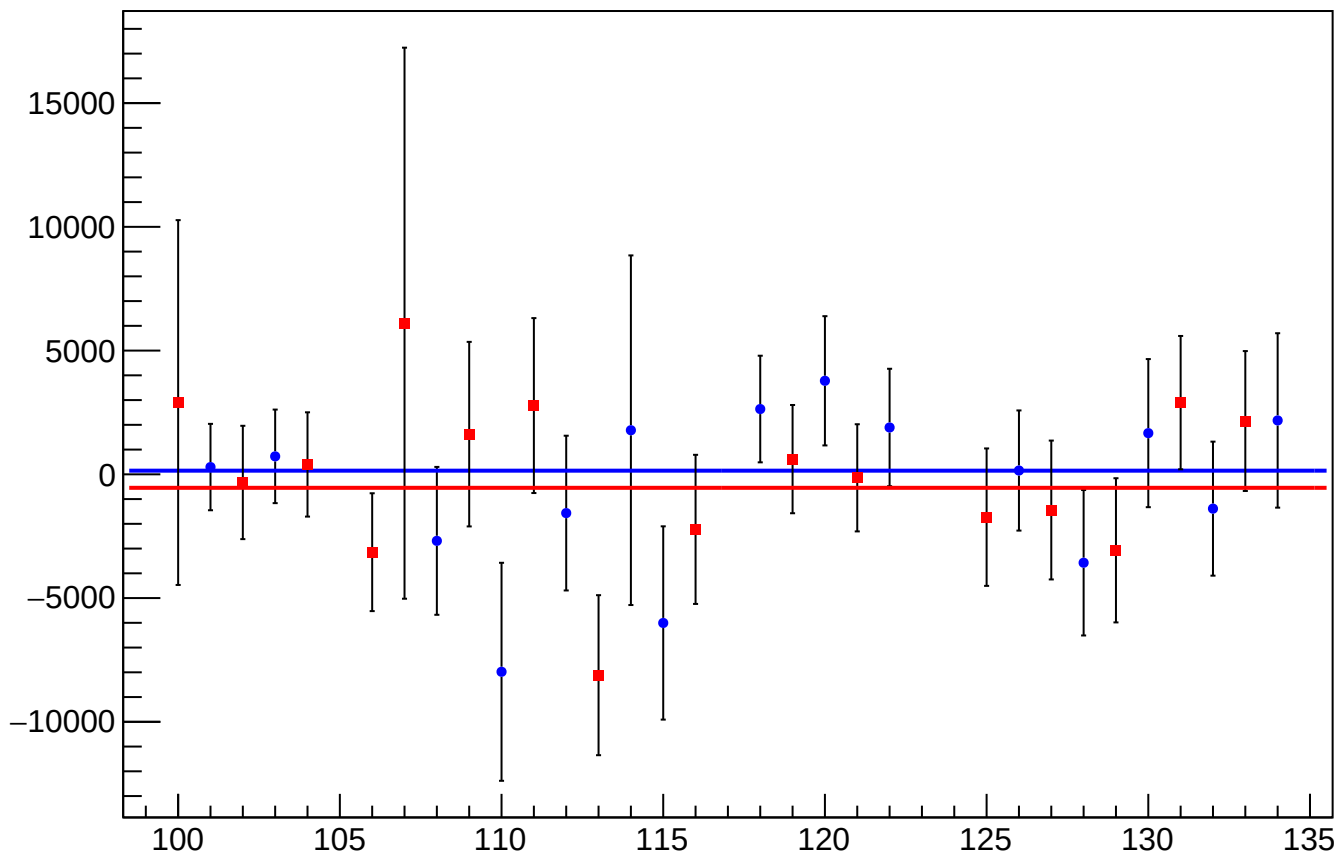
Right: 2339.908+/-0.467 χ^2/NDF : 652411.5/30

In: 2335.297+/-0.669 χ^2/NDF : 504892.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.908+/-0.467 χ^2/NDF : 652411.5/30

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.965 $\pm$ 687.850 χ^2 /NDF: 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -544.947 $\pm$ 700.727 χ^2 /NDF: 12.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

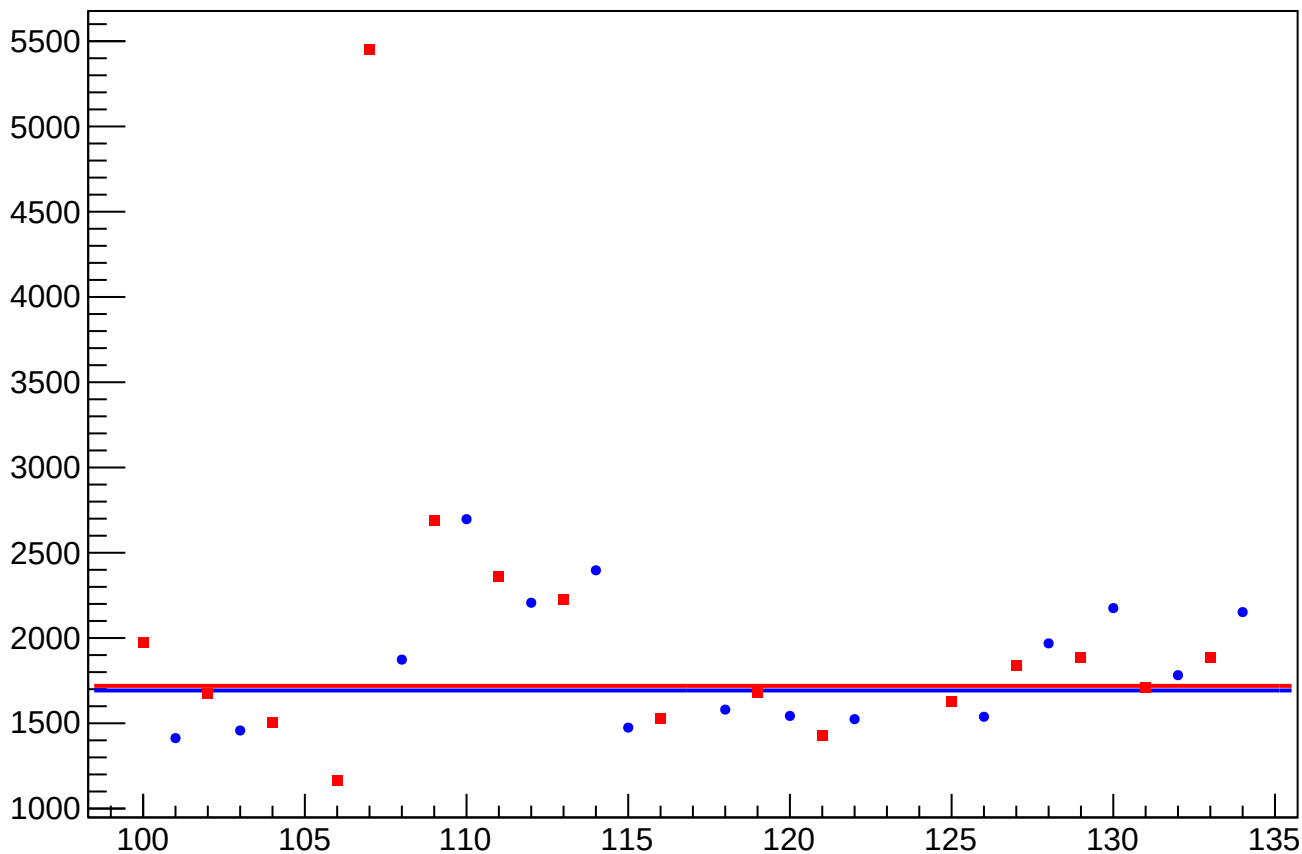
Right: -192.066 $\pm$ 490.872 χ^2 /NDF: 27.0/30

In: 147.965 $\pm$ 687.850 χ^2 /NDF:13.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -192.066 $\pm$ 490.872 χ^2 /NDF: 27.0/30

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1692.509+/-0.486 χ^2/NDF : 409831.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1719.533+/-0.495 χ^2/NDF : 671825.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

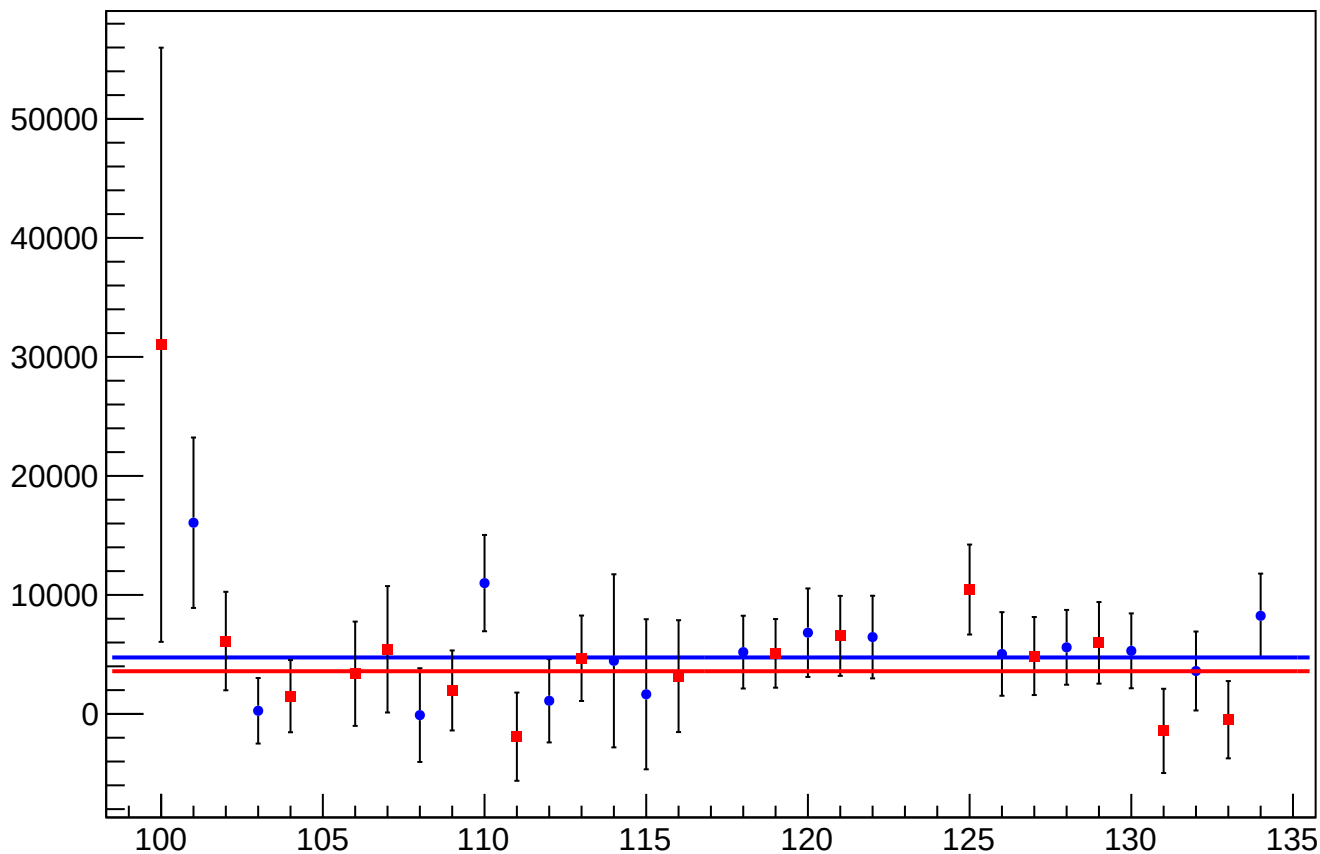
Right: 1705.770+/-0.347 χ^2/NDF : 1083171.5/30

In: 1692.509+/-0.486 χ^2/NDF :409831.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1705.770+/-0.347 χ^2/NDF : 1083171.5/30

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4746.000+/-945.493 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3588.124+/-923.755 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

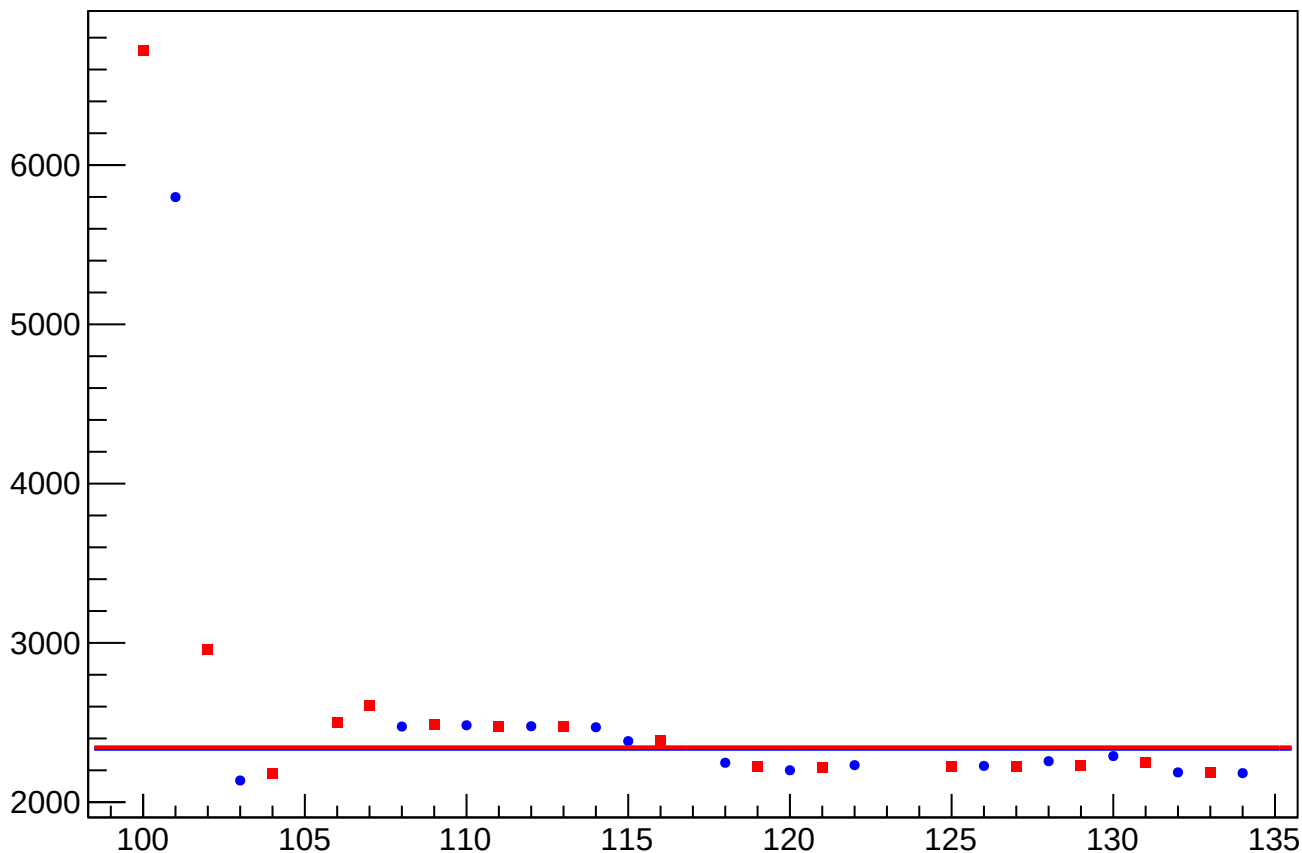
Right: 4153.598+/-660.745 χ^2/NDF : 26.2/30

In: 4746.000+/-945.493 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4153.598+/-660.745 χ^2/NDF : 26.2/30

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2335.297+/-0.669 χ^2/NDF : 504892.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2344.310+/-0.653 χ^2/NDF : 147425.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

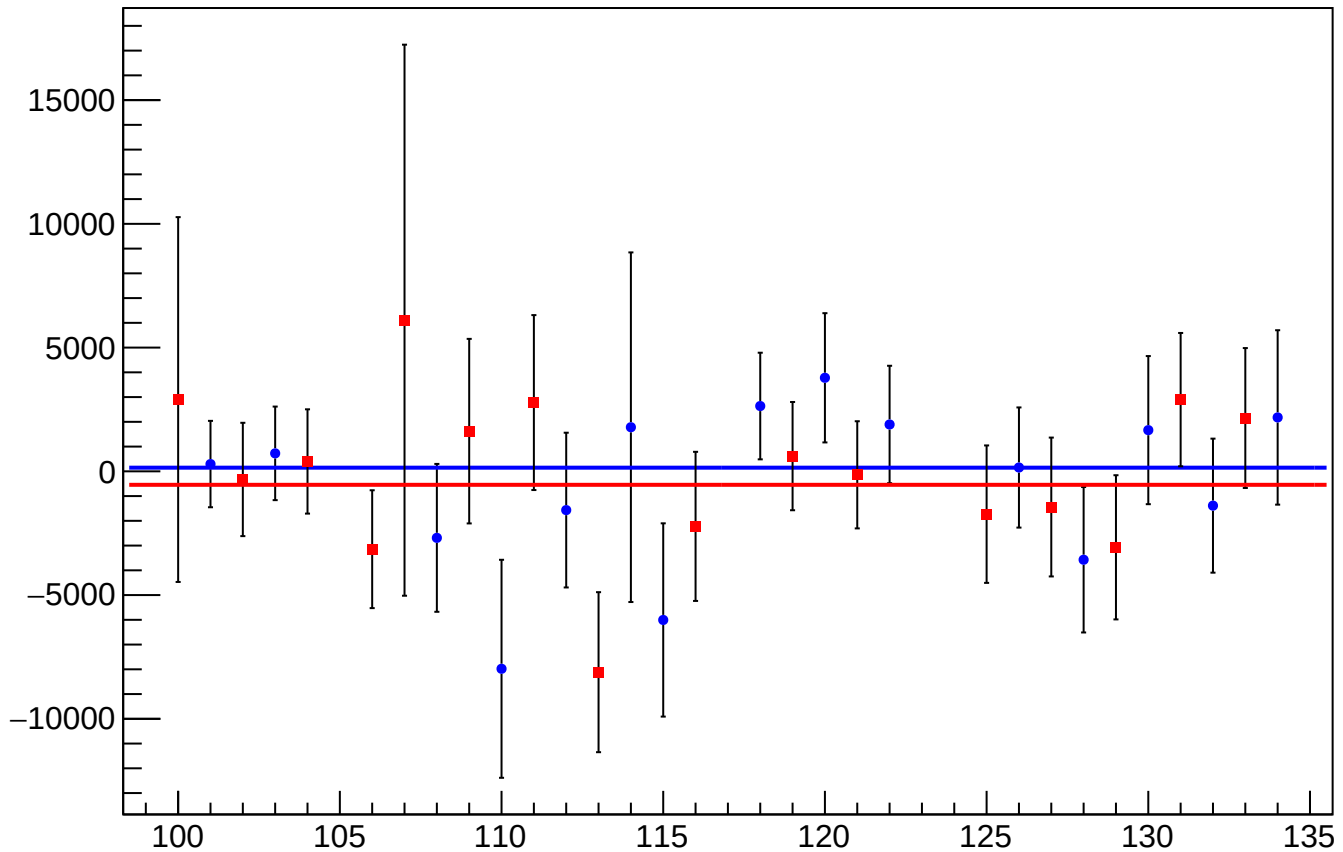
Right: 2339.908+/-0.467 χ^2/NDF : 652411.5/30

In: 2335.297+/-0.669 χ^2/NDF :504892.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2339.908+/-0.467 χ^2/NDF : 652411.5/30

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.965+/-687.850 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -544.947+/-700.727 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

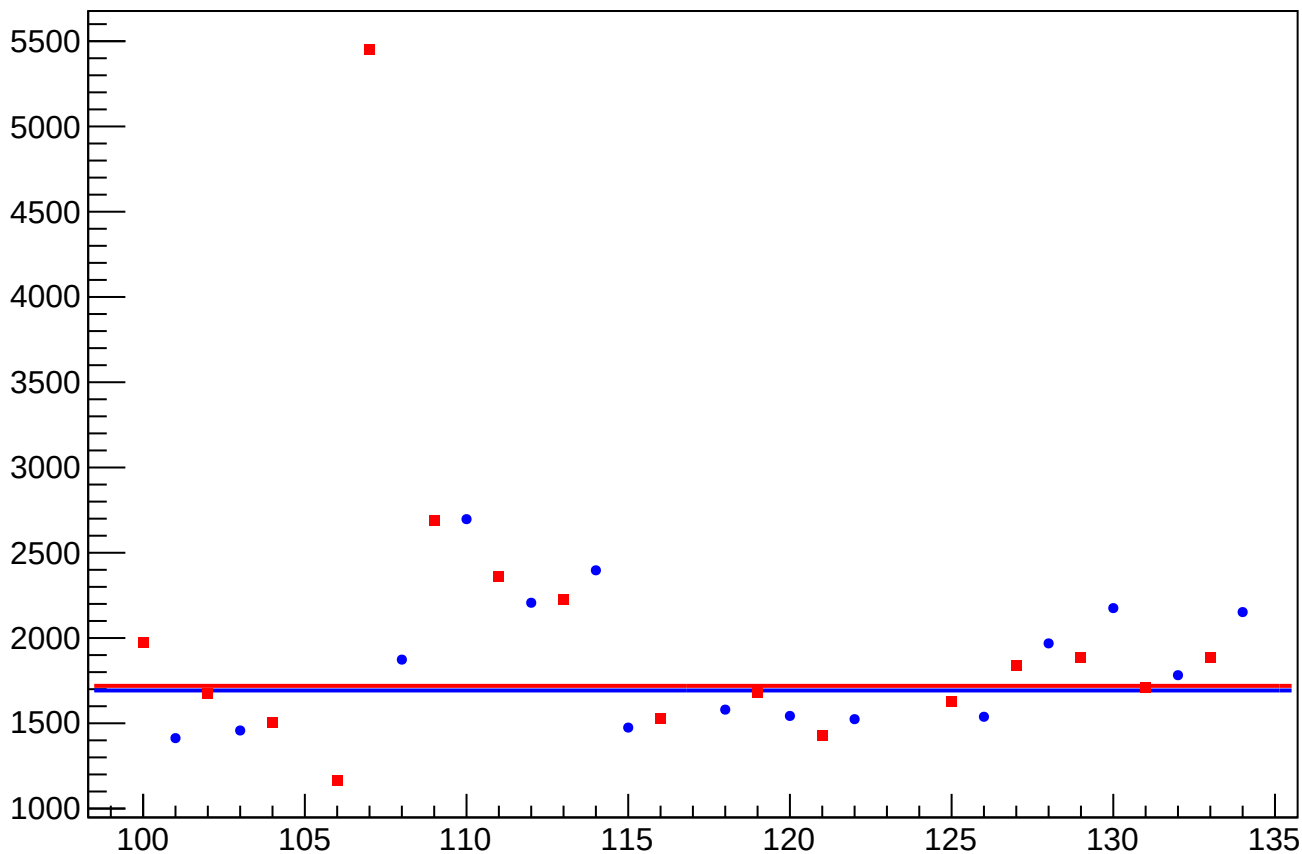
Right: -192.066+/-490.872 χ^2/NDF : 27.0/30

In: 147.965+/-687.850 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.066+/-490.872 χ^2/NDF : 27.0/30

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1692.509+/-0.486 χ^2/NDF : 409831.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.533+/-0.495 χ^2/NDF : 671825.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

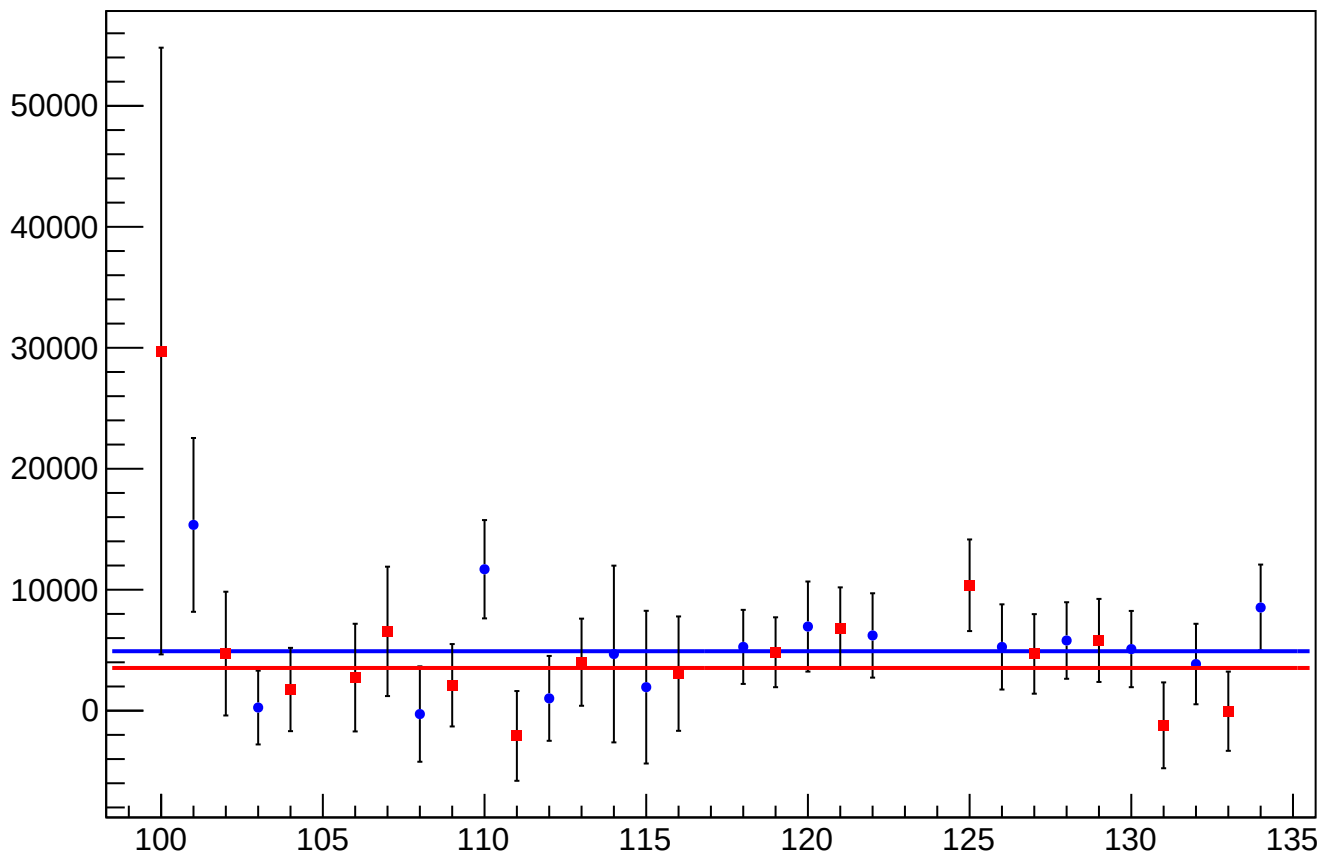
Right: 1705.770+/-0.347 χ^2/NDF : 1083171.5/30

In: 1692.509+/-0.486 χ^2/NDF : 409831.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1705.770+/-0.347 χ^2/NDF : 1083171.5/30

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4916.290+/-958.438 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3531.253+/-945.772 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

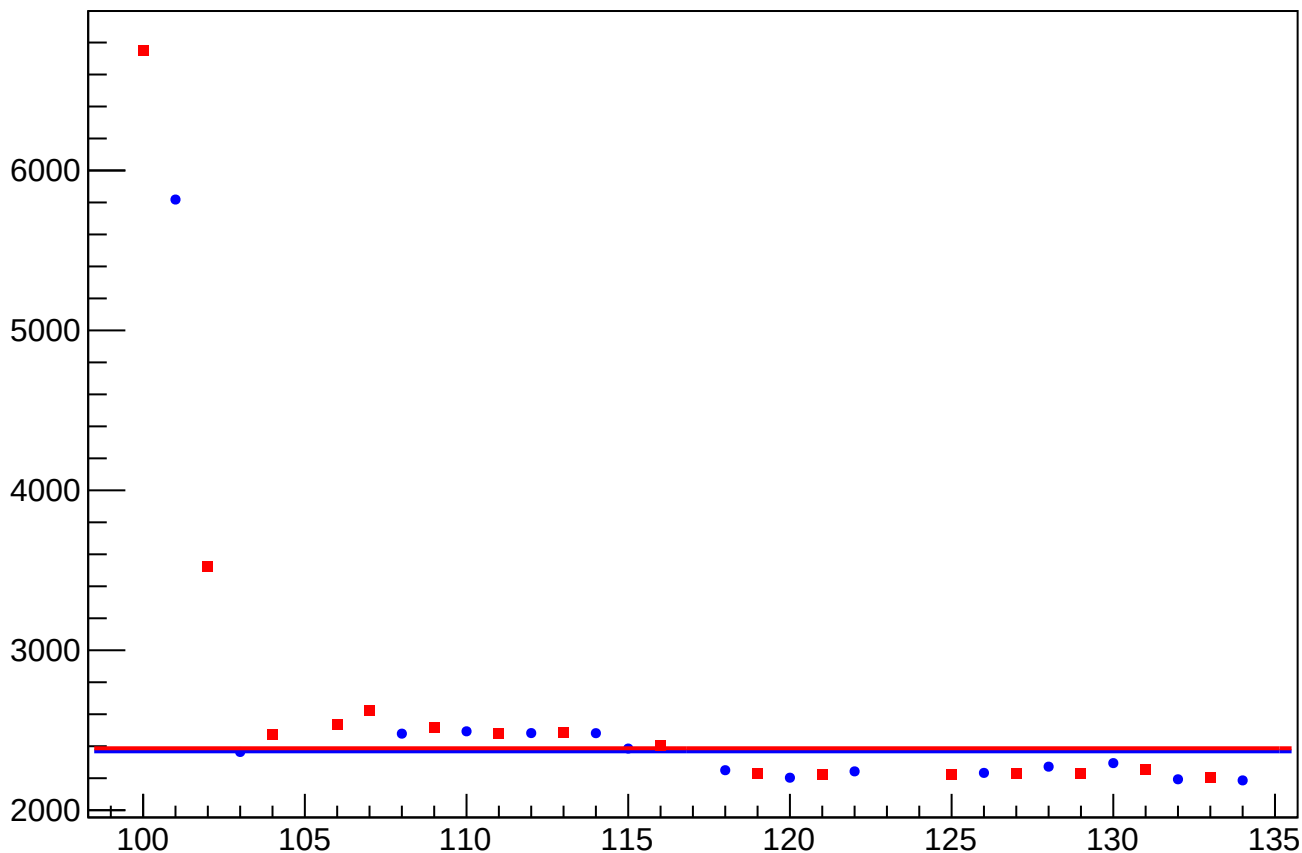
Right: 4214.559+/-673.195 χ^2/NDF : 25.4/30

In: 4916.290+/-958.438 χ^2/NDF : 12.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4214.559+/-673.195 χ^2/NDF : 25.4/30

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2368.173+/-0.678 χ^2/NDF : 493304.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2387.198+/-0.669 χ^2/NDF : 203995.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

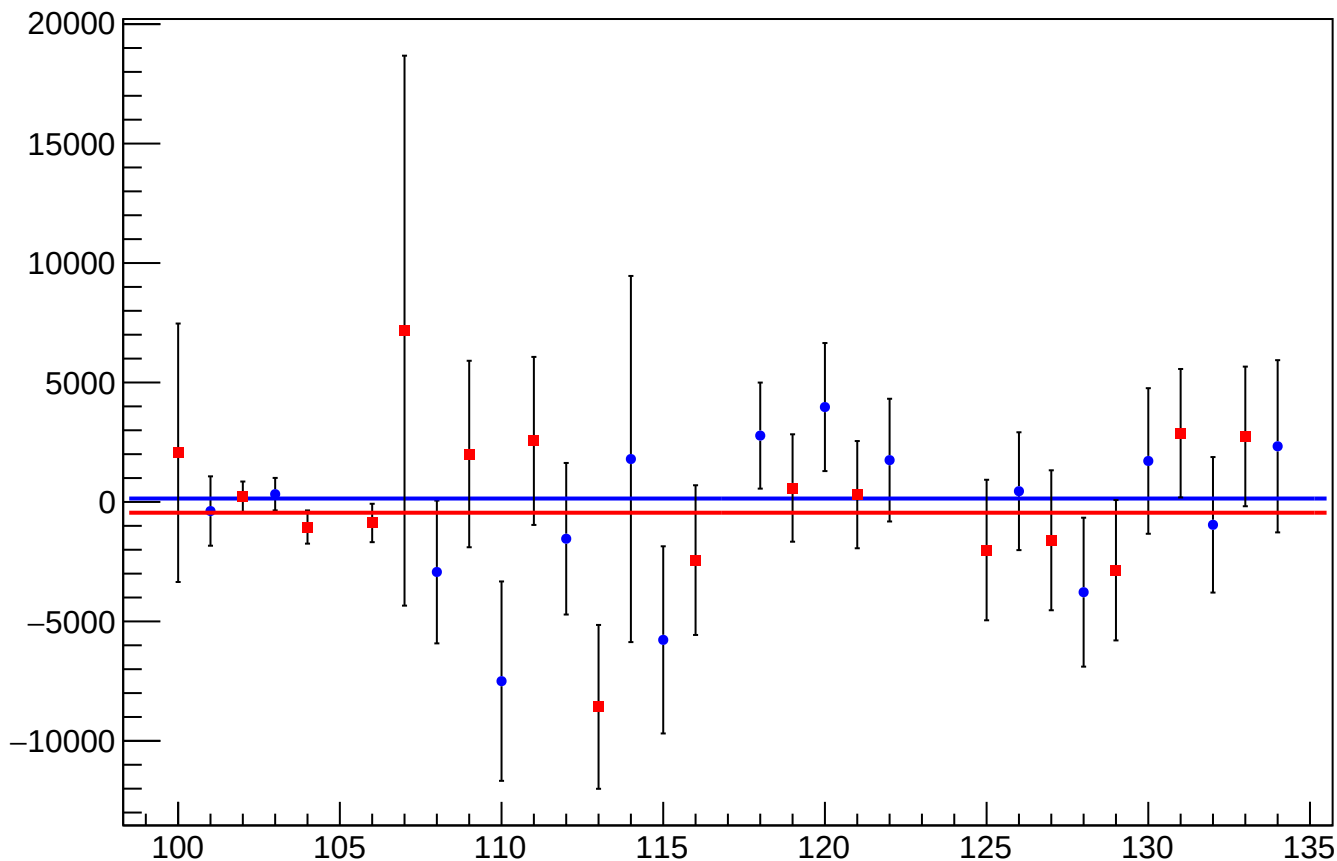
Right: 2377.812+/-0.476 χ^2/NDF : 697699.9/30

In: 2368.173+/-0.678 χ^2/NDF : 493304.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.812+/-0.476 χ^2/NDF : 697699.9/30

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 143.385+/-496.164 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -450.920+/-365.955 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

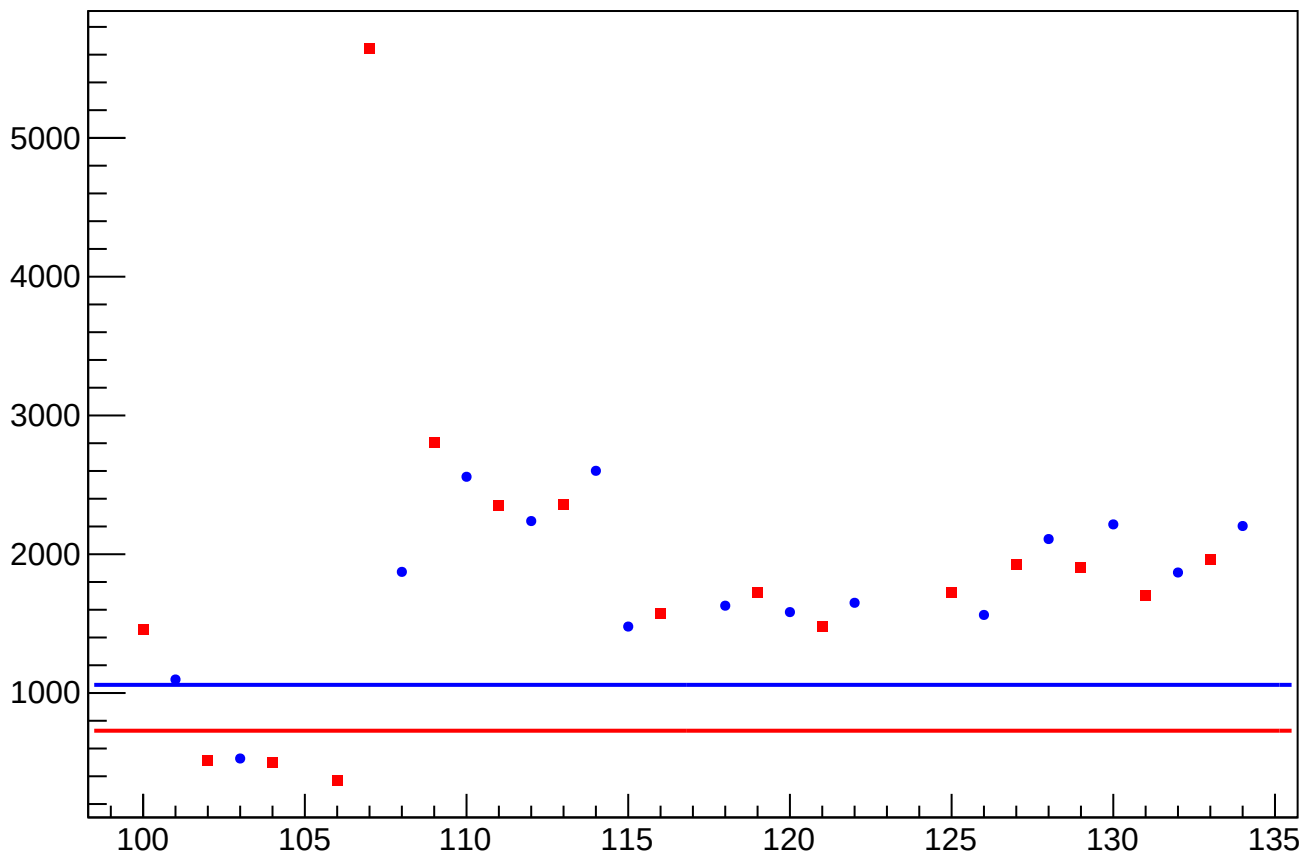
Right: -241.526+/-294.512 χ^2/NDF : 28.5/30

In: 143.385+/-496.164 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.526+/-294.512 χ^2/NDF : 28.5/30

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1058.736+/-0.351 χ^2/NDF : 3287492.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.309+/-0.259 χ^2/NDF : 4962298.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

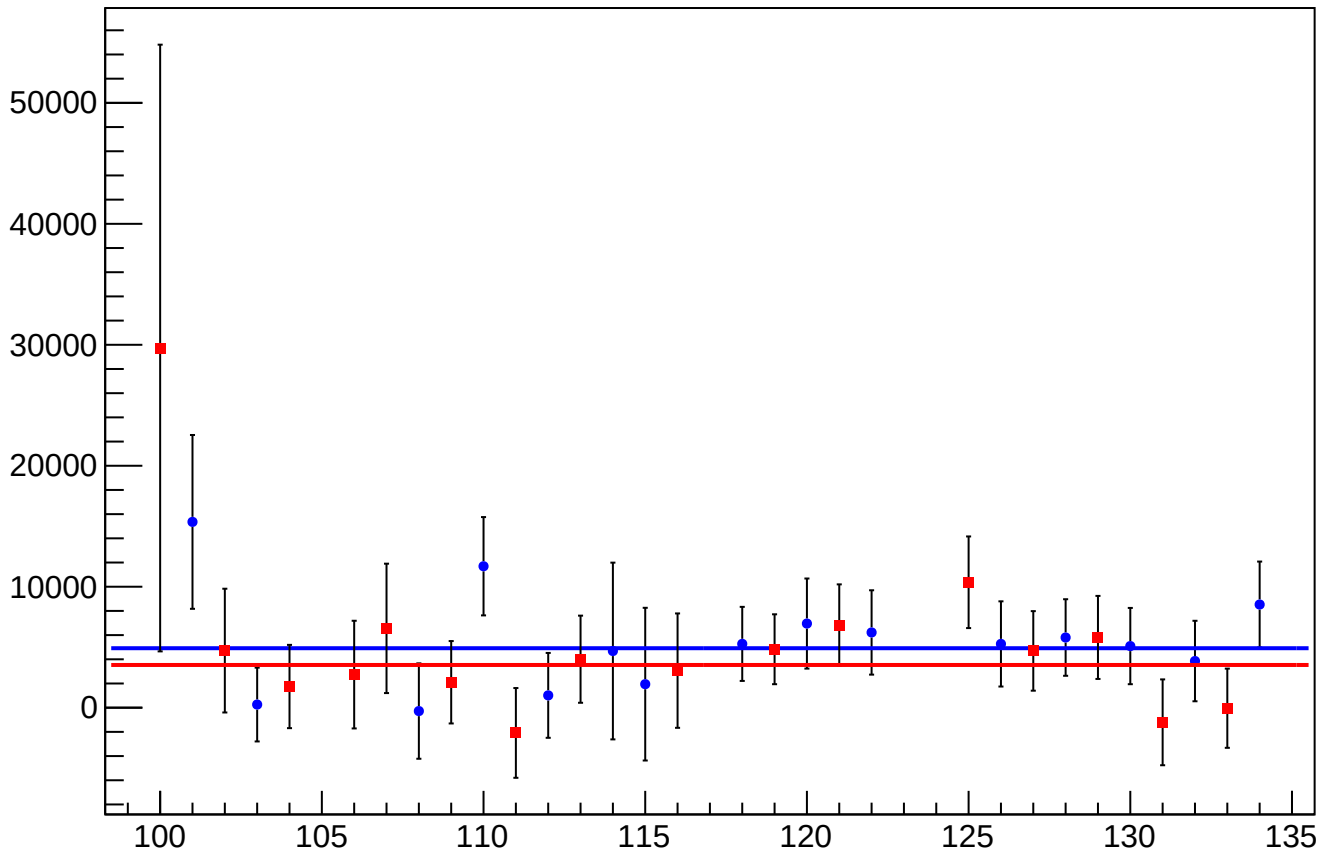
Right: 844.729+/-0.208 χ^2/NDF : 8824279.0/30

In: 1058.736+/-0.351 χ^2/NDF : 3287492.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.729+/-0.208 χ^2/NDF : 8824279.0/30

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4916.288+/-958.438 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3531.250+/-945.771 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

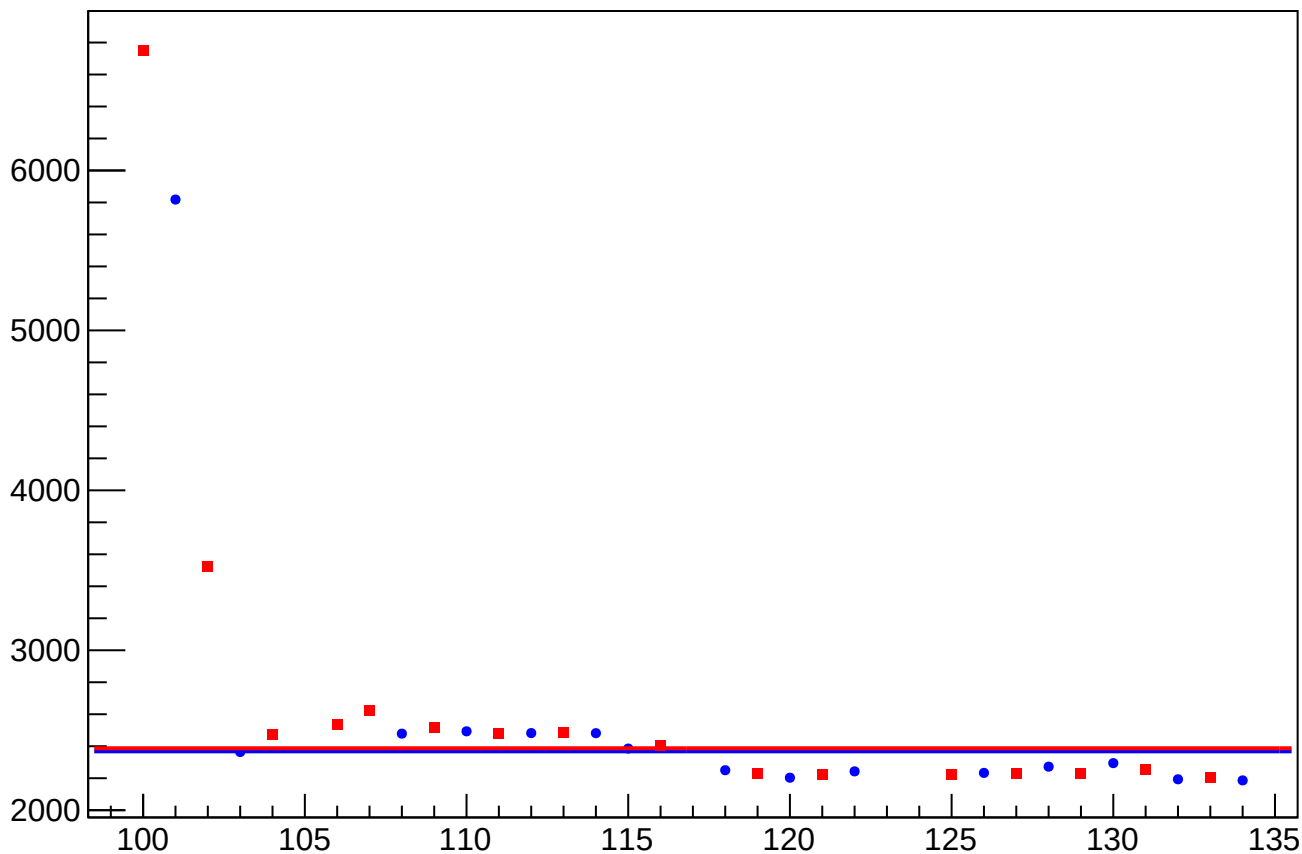
Right: 4214.557+/-673.195 χ^2/NDF : 25.4/30

In: 4916.288+/-958.438 χ^2/NDF : 12.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4214.557+/-673.195 χ^2/NDF : 25.4/30

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2368.172+/-0.678 χ^2/NDF : 493305.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2387.198+/-0.669 χ^2/NDF : 203994.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

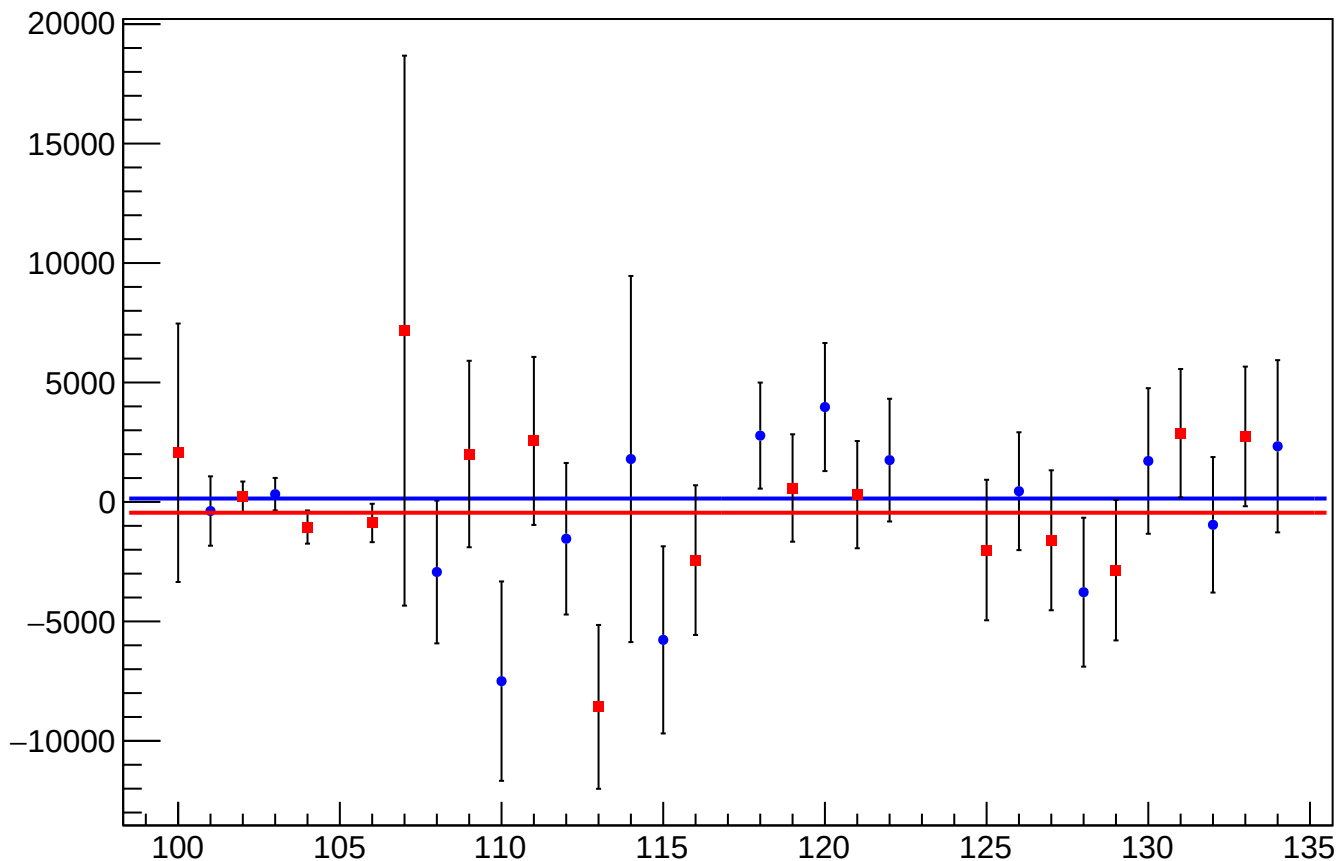
Right: 2377.812+/-0.476 χ^2/NDF : 697699.0/30

In: 2368.172+/-0.678 χ^2/NDF : 493305.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.812+/-0.476 χ^2/NDF : 697699.0/30

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 143.379+/-496.167 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -450.924+/-365.960 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

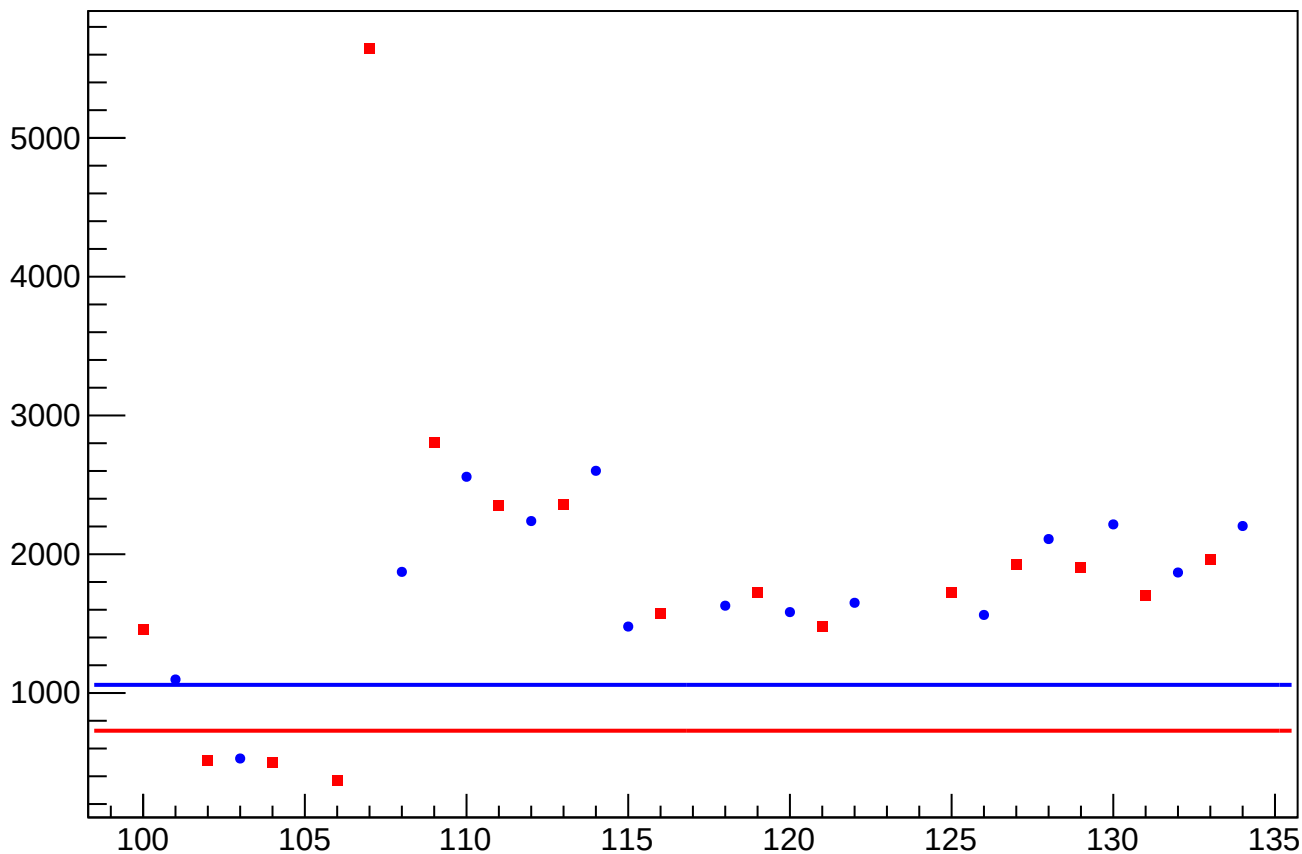
Right: -241.528+/-294.515 χ^2/NDF : 28.5/30

In: 143.379+/-496.167 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.528+/-294.515 χ^2/NDF : 28.5/30

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1058.746+/-0.351 χ^2/NDF : 3287423.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 728.323+/-0.259 χ^2/NDF : 4962191.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

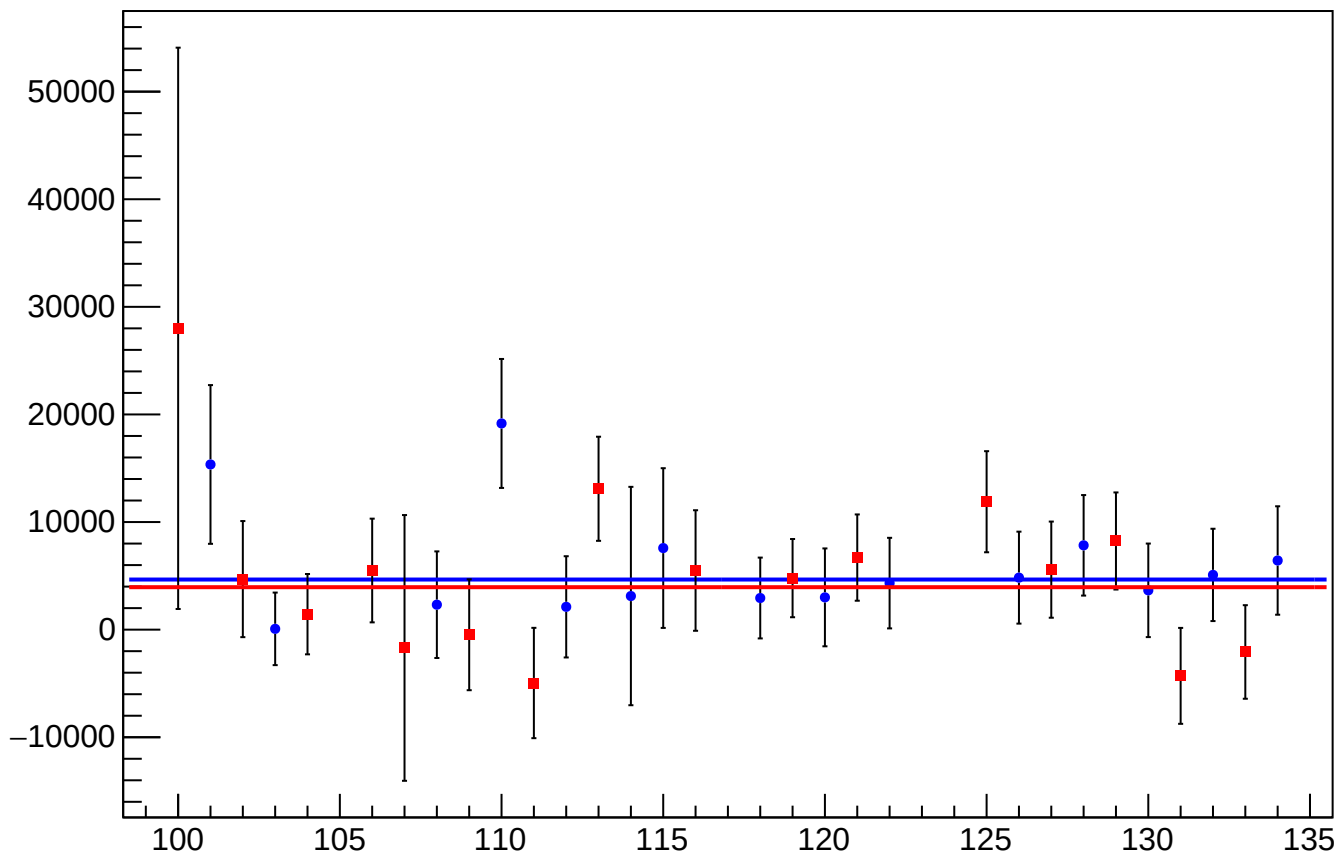
Right: 844.744+/-0.208 χ^2/NDF : 8824076.9/30

In: 1058.746+/-0.351 χ^2/NDF :3287423.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 844.744+/-0.208 χ^2/NDF : 8824076.9/30

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4657.457+/-1220.794 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3945.776+/-1201.103 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

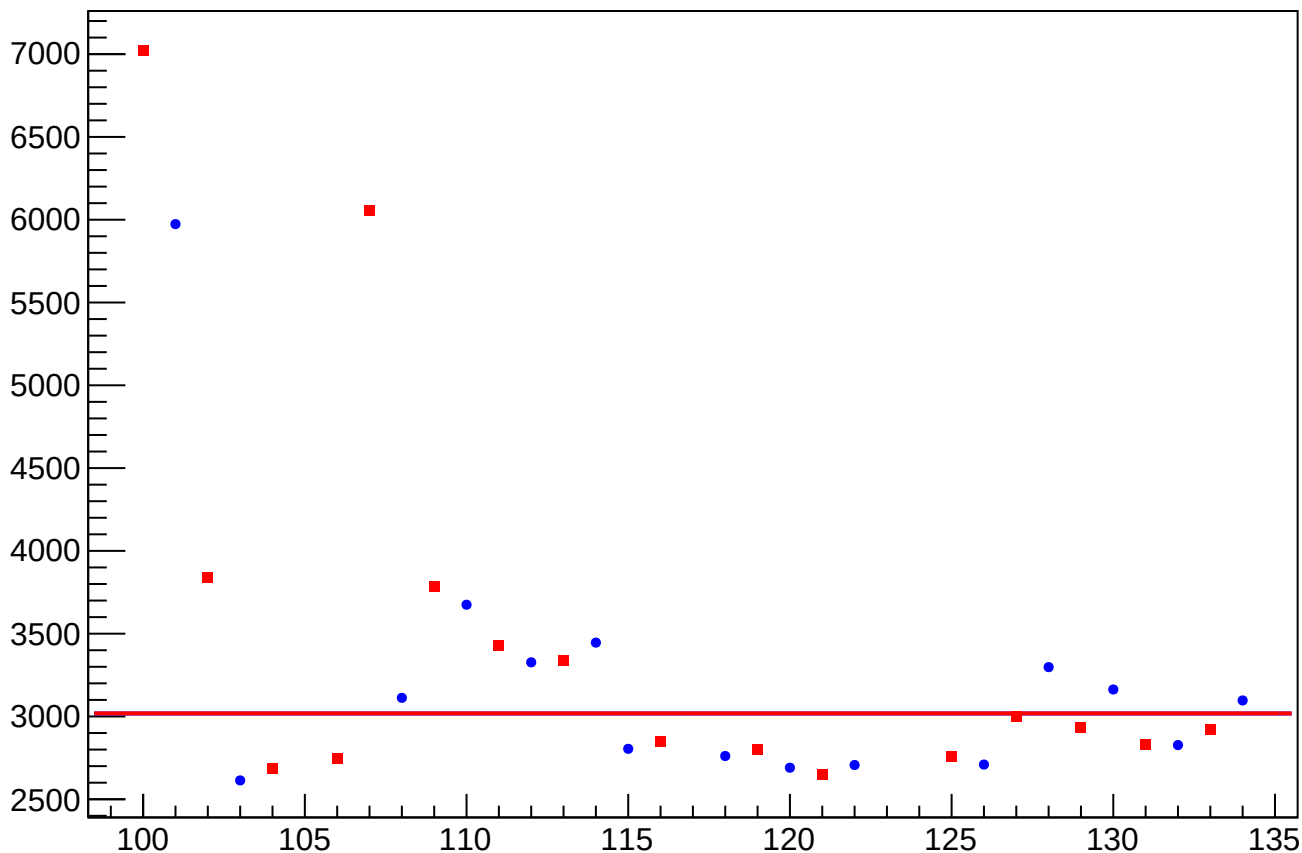
Right: 4295.831+/-856.185 χ^2/NDF : 30.5/30

In: 4657.457+/-1220.794 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4295.831+/-856.185 χ^2/NDF : 30.5/30

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3017.826+/-0.863 χ^2/NDF : 443408.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3018.449+/-0.849 χ^2/NDF : 339075.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

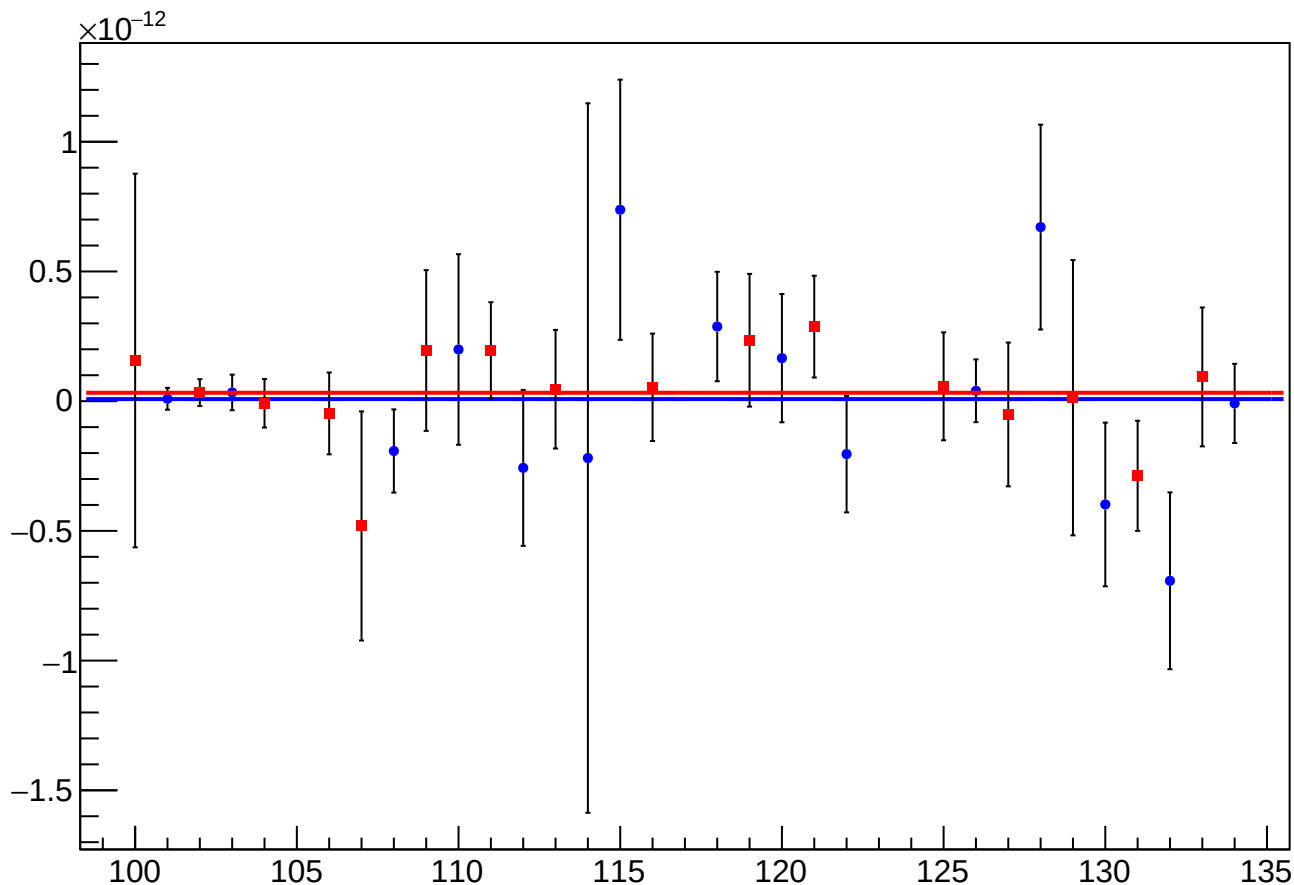
Right: 3018.142+/-0.605 χ^2/NDF : 782484.3/30

In: 3017.826+/-0.863 χ^2/NDF : 443408.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3018.142+/-0.605 χ^2/NDF : 782484.3/30

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

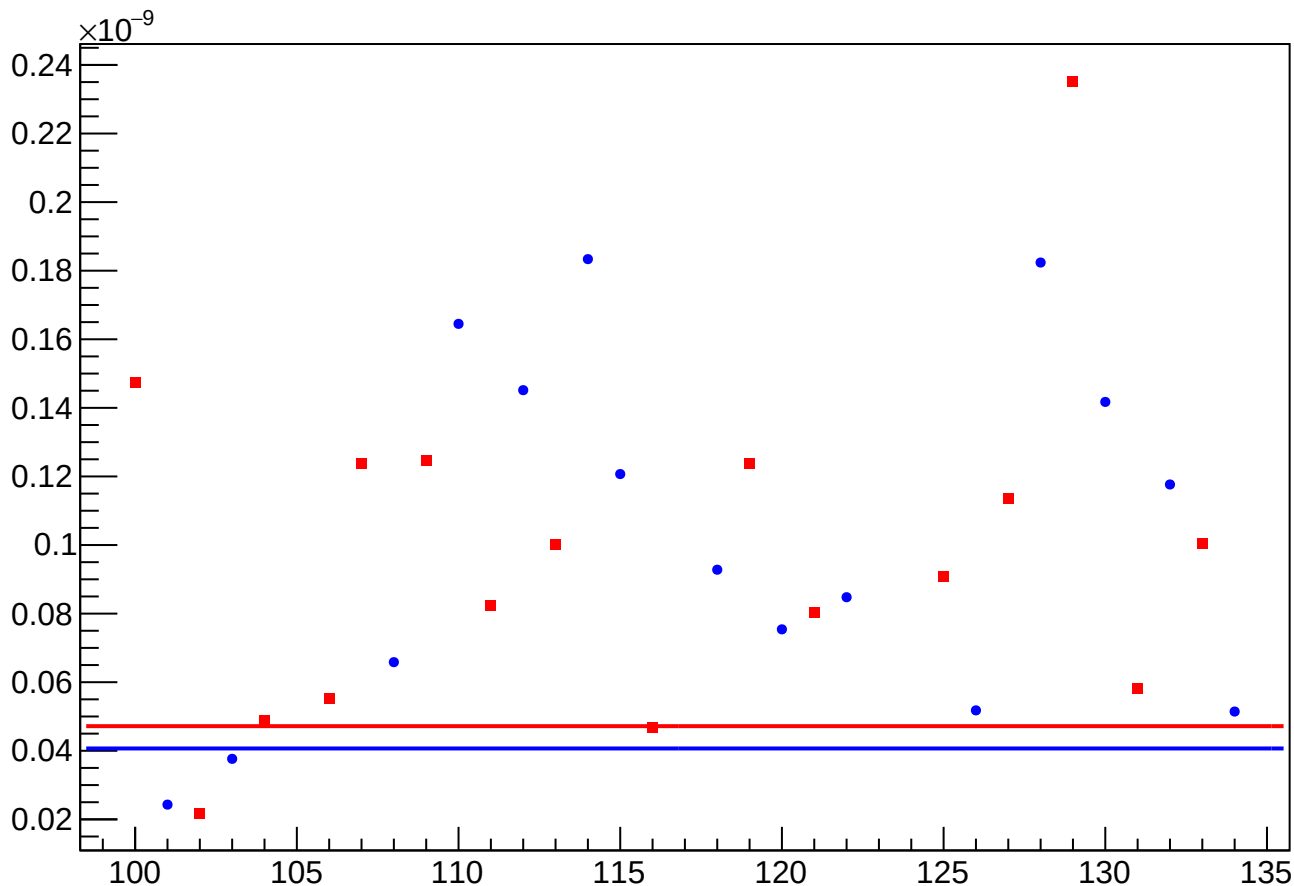
Right: 0.000+/-0.000 χ^2/NDF : 24.6/30

In: 0.000+/-0.000 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.6/30

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1727346.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1668309.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

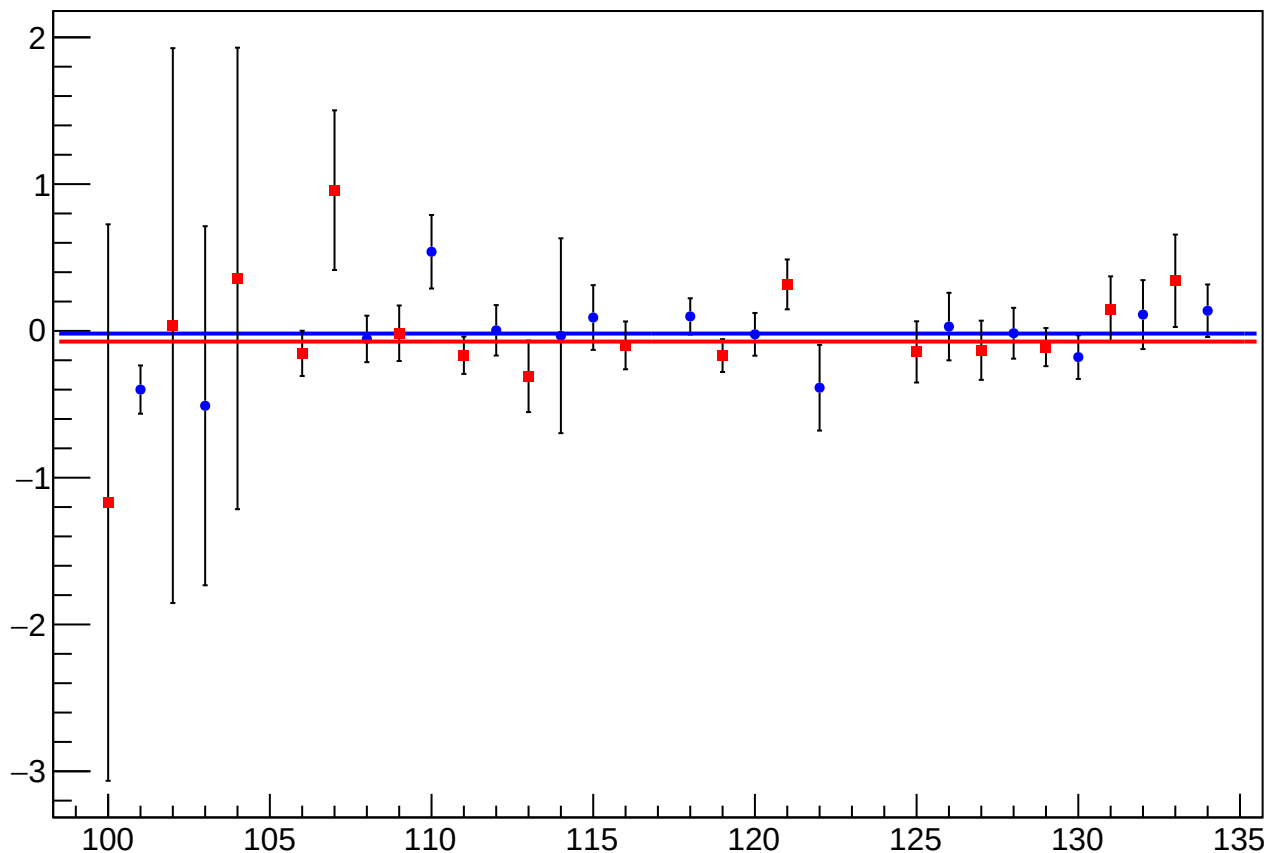
Right: 0.000+/-0.000 χ^2/NDF : 3431940.6/30

In: 0.000+/-0.000 χ^2/NDF :1727346.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3431940.6/30

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.073 ± 0.048 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

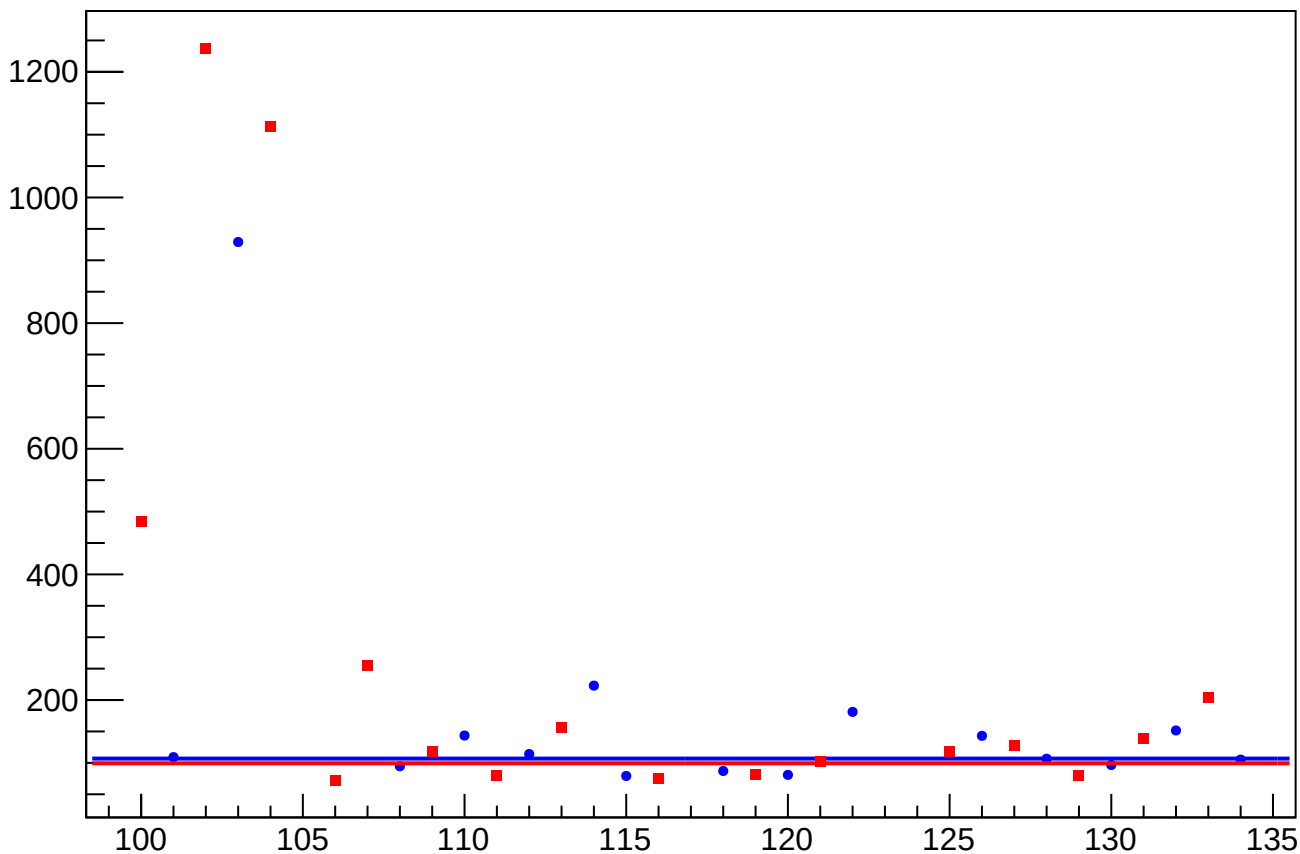
Right: -0.046 ± 0.034 χ^2/NDF : 31.1/30

In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.034 χ^2/NDF : 31.1/30

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.811+/-0.034 χ^2/NDF : 1431537.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 99.299+/-0.034 χ^2/NDF : 2539419.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

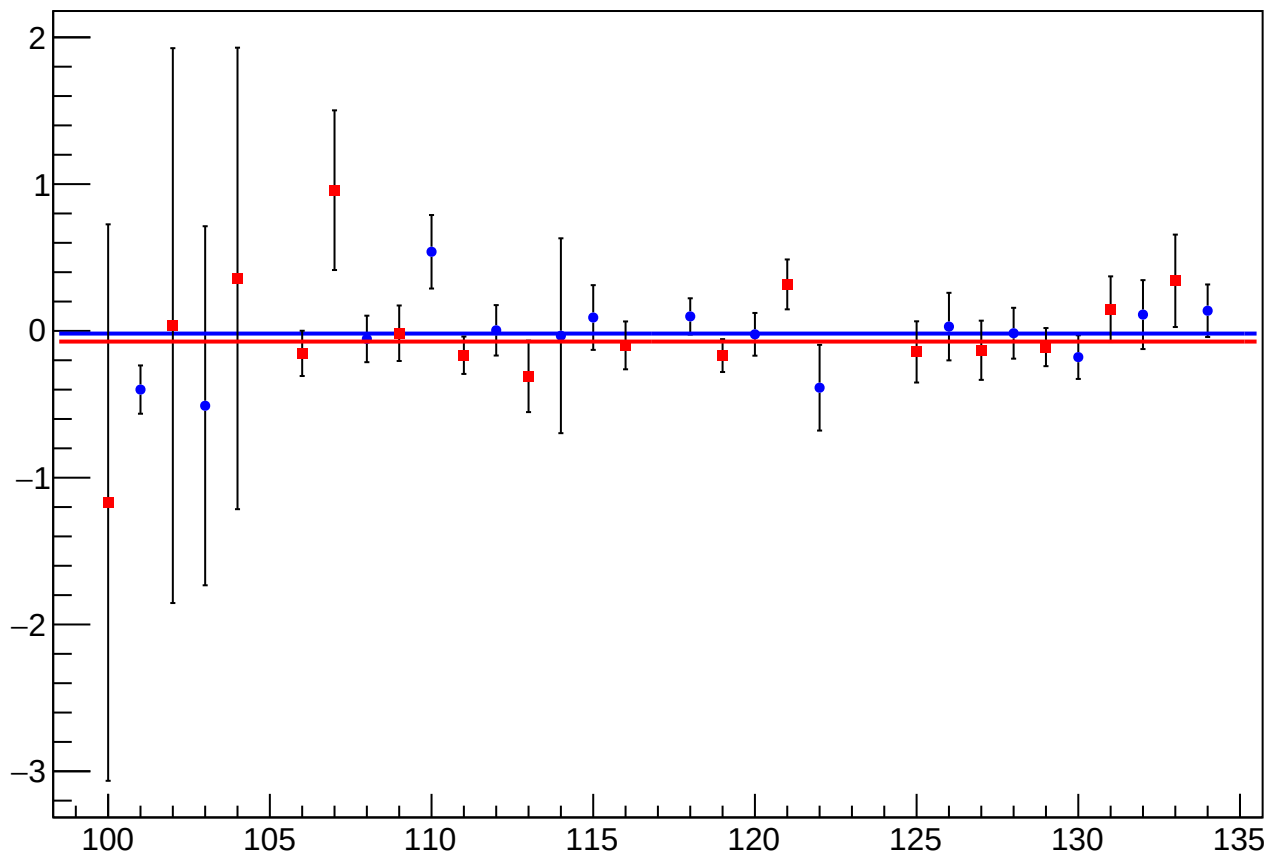
Right: 102.966+/-0.024 χ^2/NDF : 3995312.5/30

In: 106.811+/-0.034 χ^2/NDF :1431537.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.966+/-0.024 χ^2/NDF : 3995312.5/30

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.073 ± 0.048 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

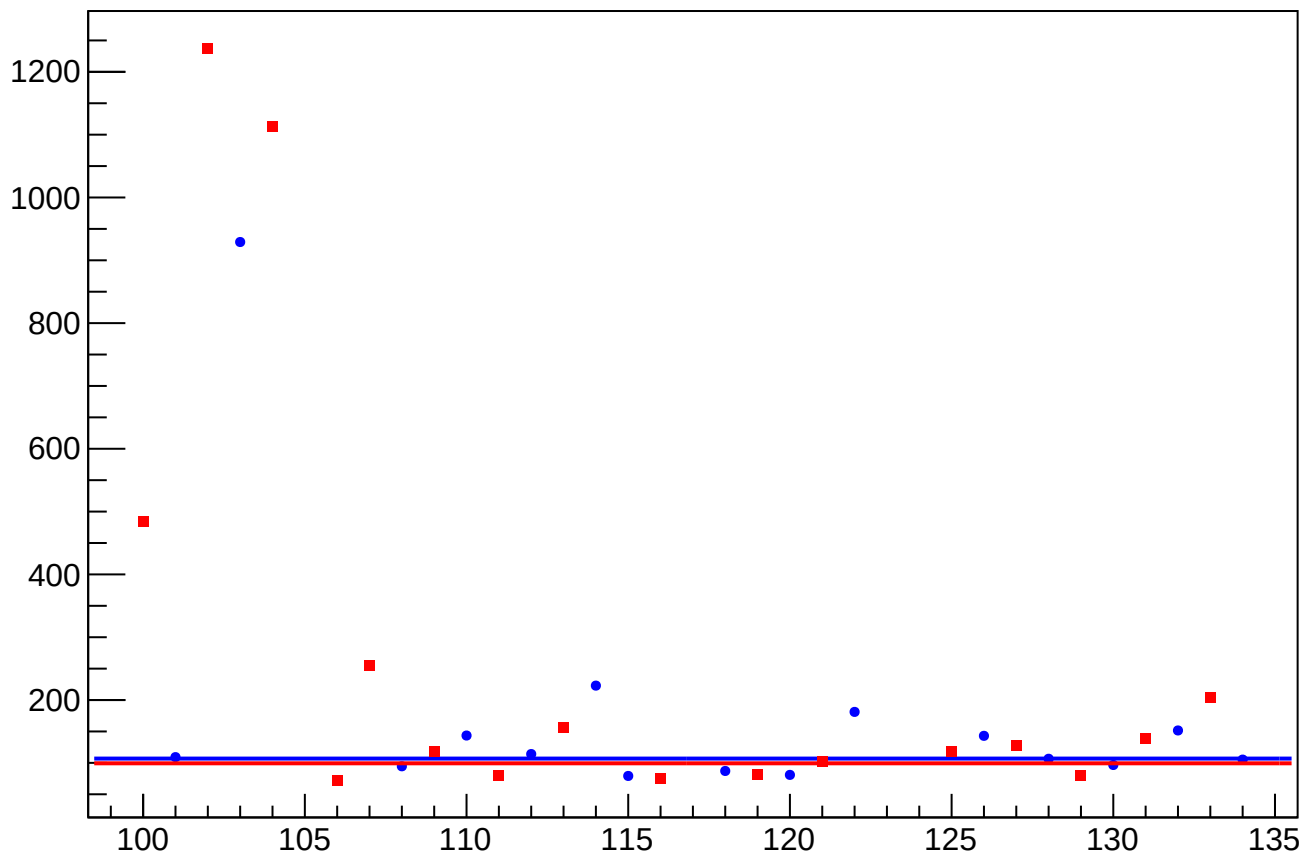
Right: -0.046 ± 0.034 χ^2/NDF : 31.1/30

In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.034 χ^2/NDF : 31.1/30

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.811+/-0.034 χ^2/NDF : 1431537.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 99.299+/-0.034 χ^2/NDF : 2539419.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

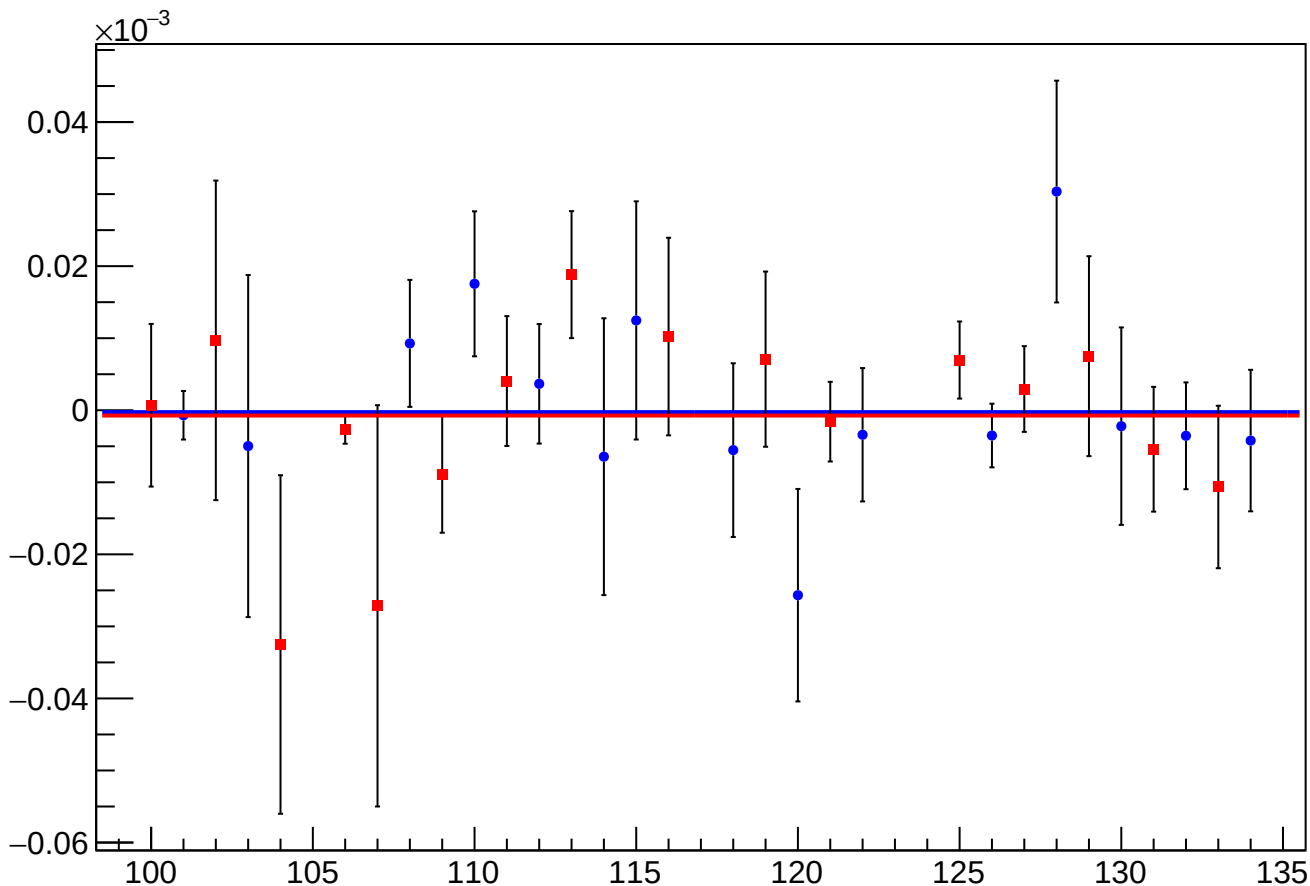
Right: 102.966+/-0.024 χ^2/NDF : 3995312.5/30

In: 106.811+/-0.034 χ^2/NDF :1431537.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.966+/-0.024 χ^2/NDF : 3995312.5/30

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

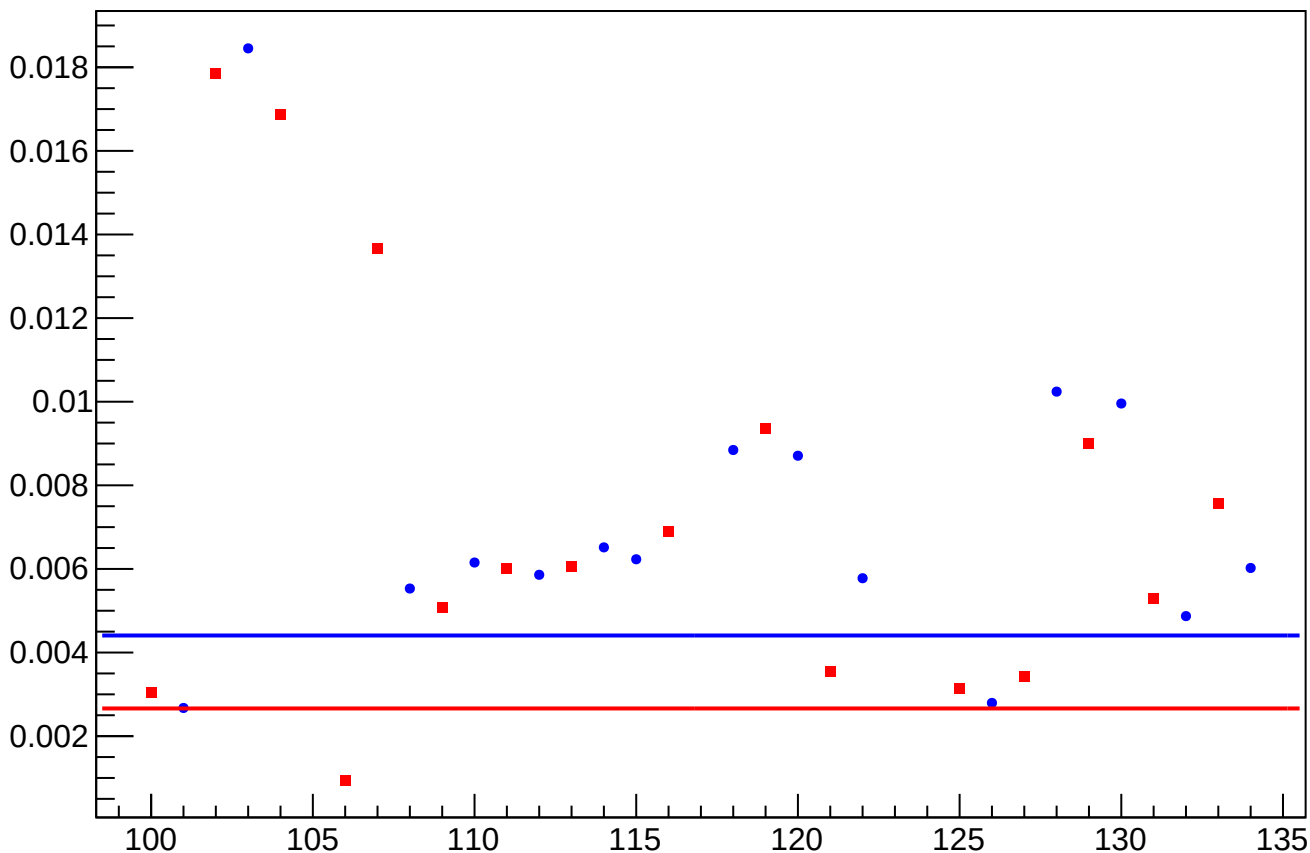
Right: -0.000+/-0.000 χ^2/NDF : 28.6/30

In: -0.000+/-0.000 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/30

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 : 2861523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6130093.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

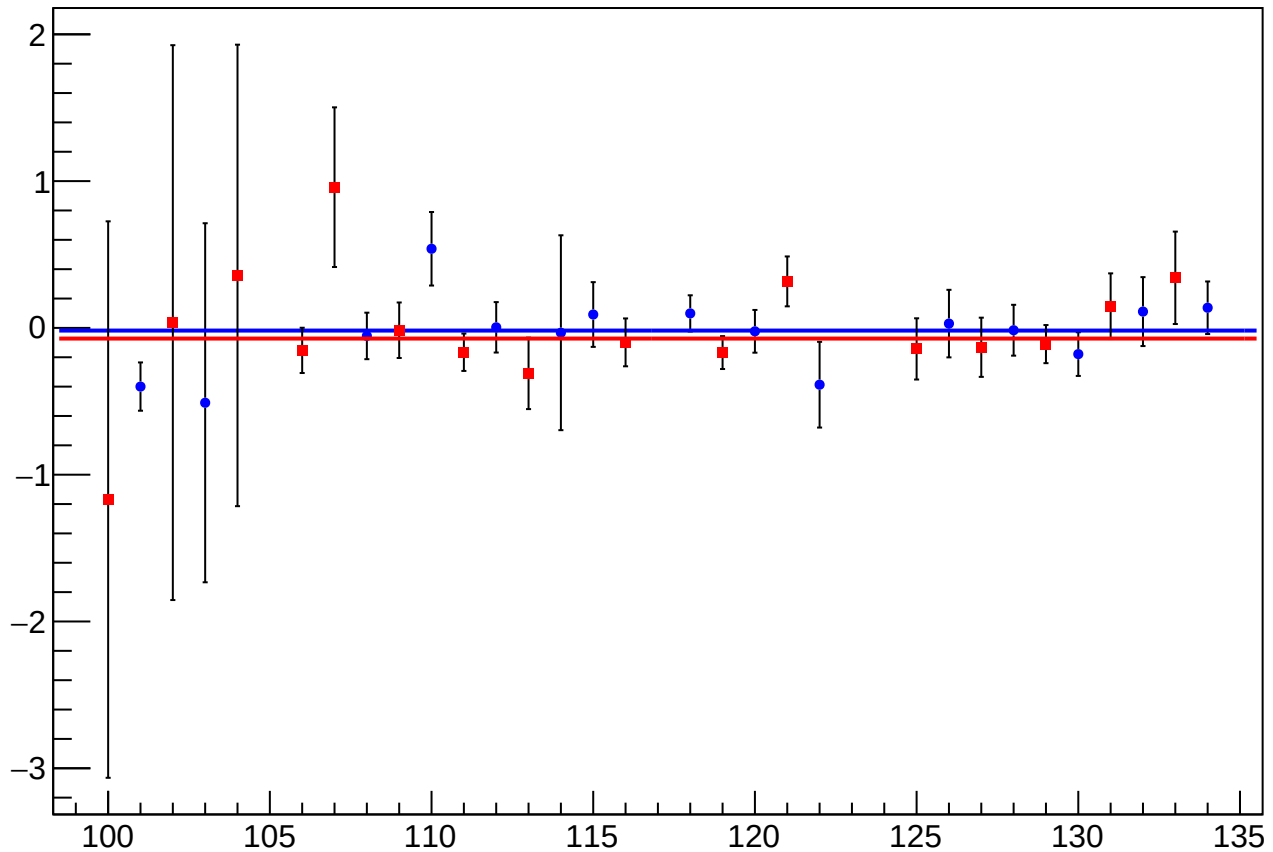
Right: 0.003+/-0.000 χ^2/NDF : 9954691.8/30

In: 0.004+/-0.000 χ^2/NDF :2861523.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9954691.8/30

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.073 ± 0.048 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

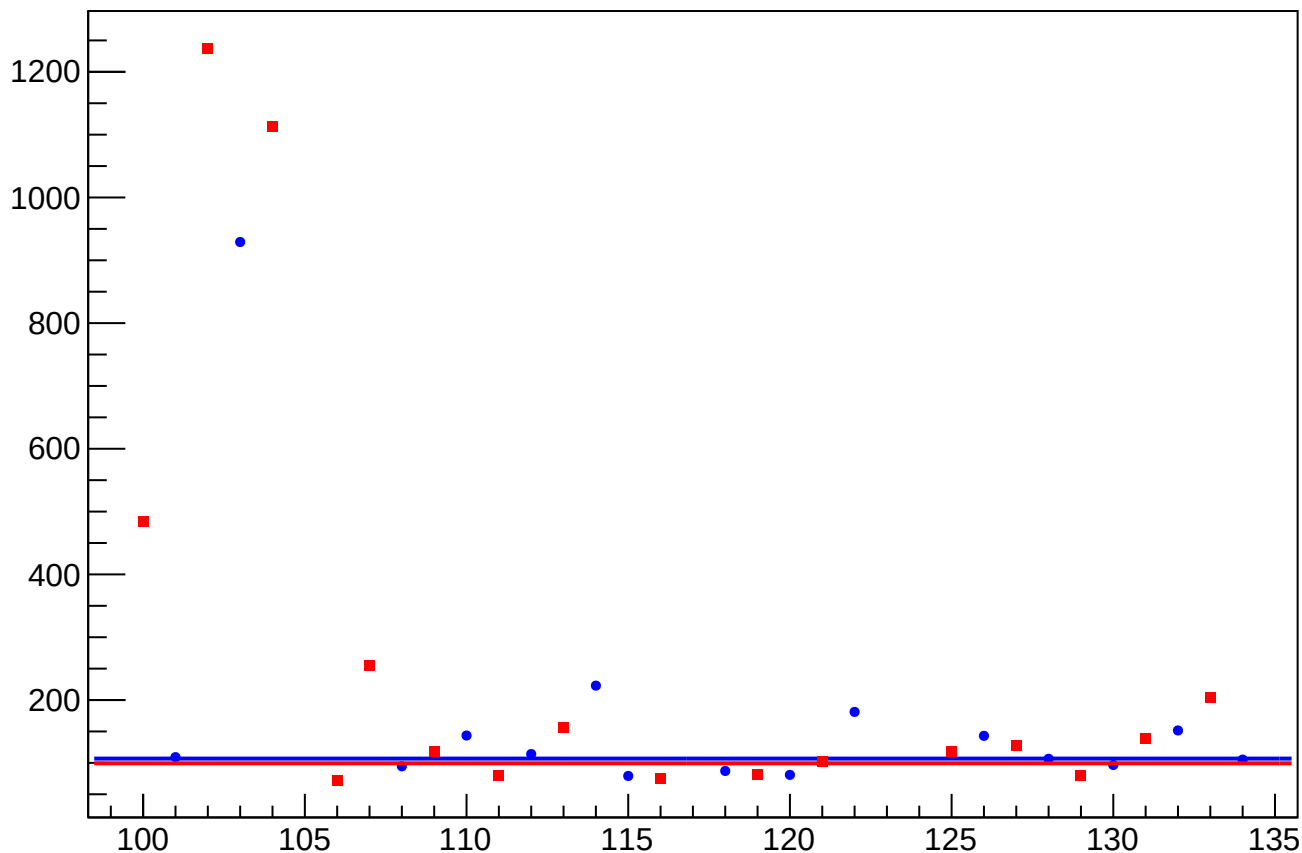
Right: -0.046 ± 0.034 χ^2/NDF : 31.1/30

In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.034 χ^2/NDF : 31.1/30

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.809+/-0.034 χ^2/NDF : 1431562.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 99.297+/-0.034 χ^2/NDF : 2539409.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

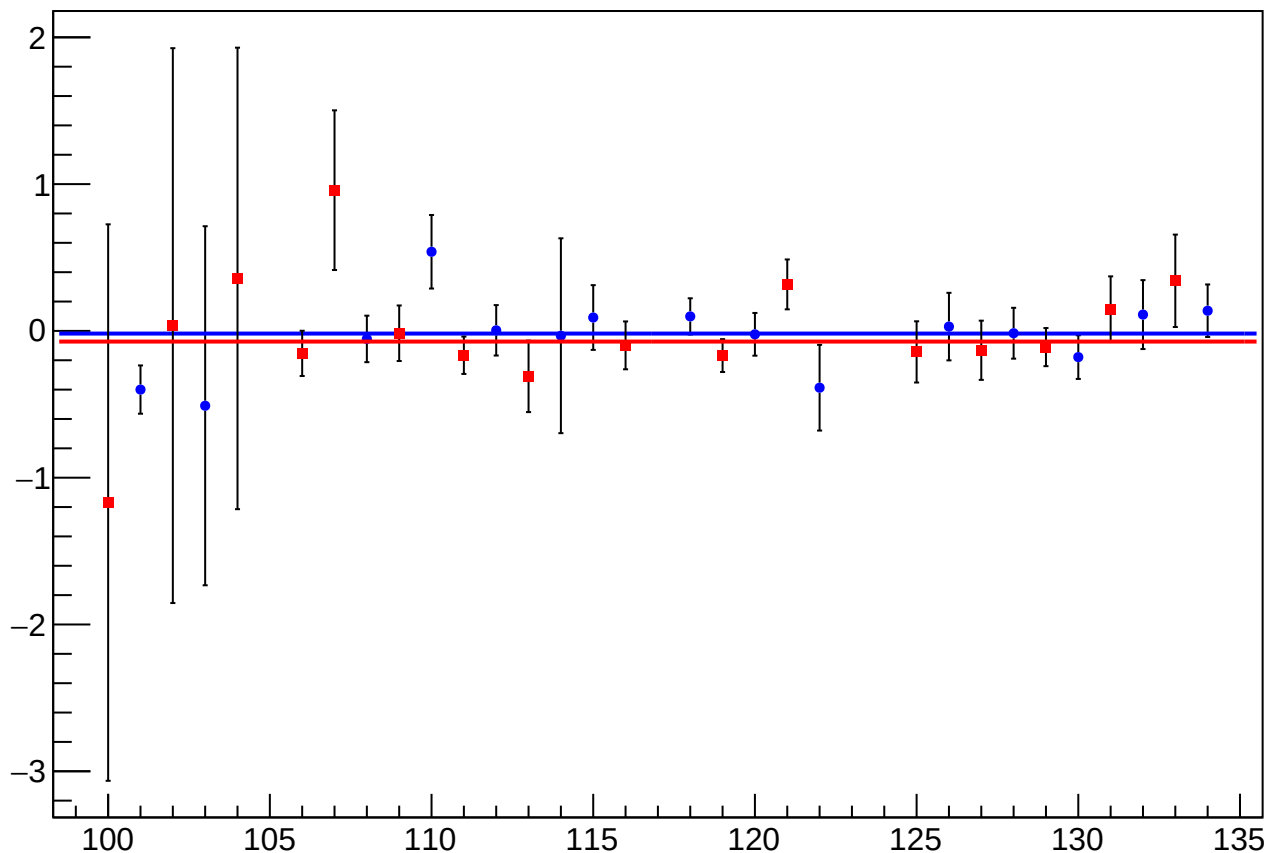
Right: 102.964+/-0.024 χ^2/NDF : 3995321.3/30

In: 106.809+/-0.034 χ^2/NDF :1431562.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.964+/-0.024 χ^2/NDF : 3995321.3/30

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.073 ± 0.048 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

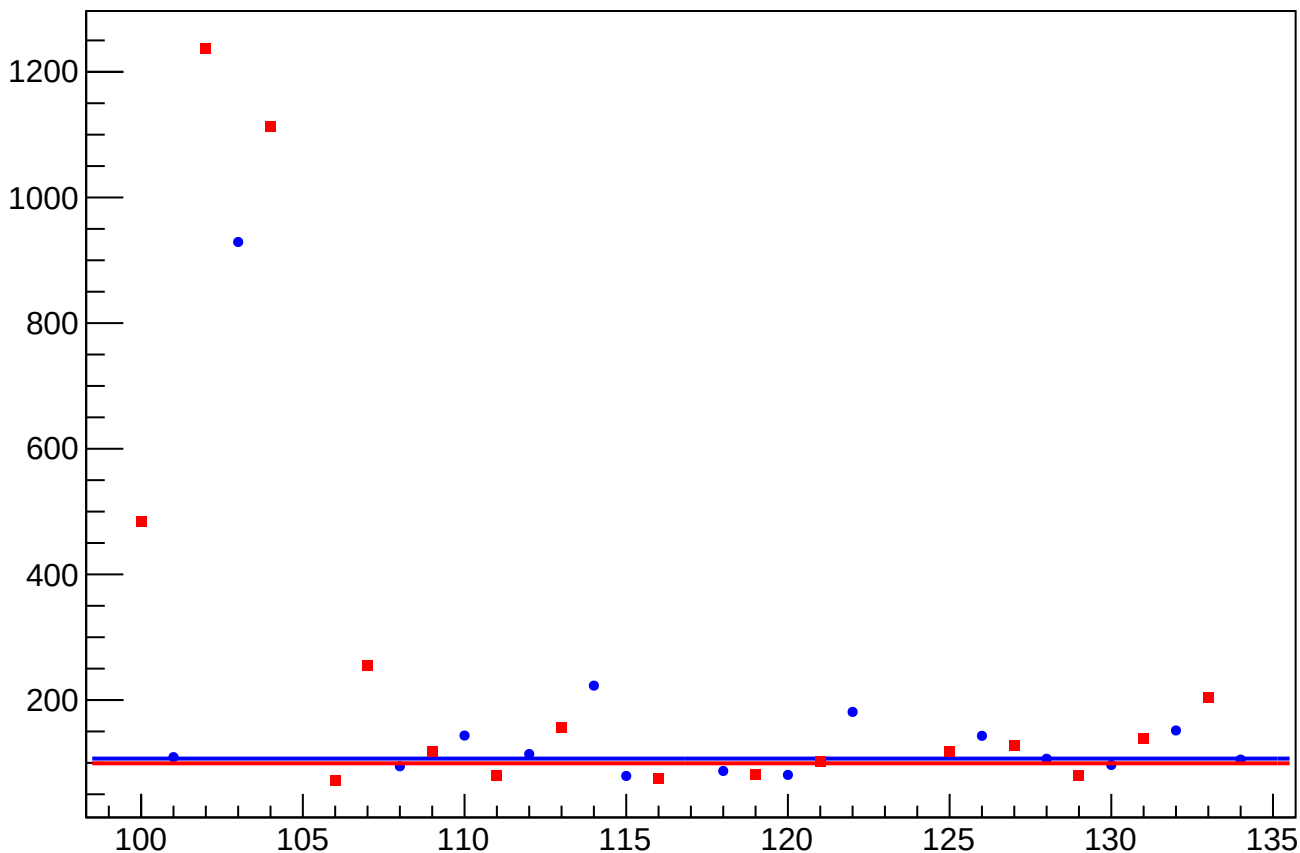
Right: -0.046 ± 0.034 χ^2/NDF : 31.1/30

In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.034 χ^2/NDF : 31.1/30

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.809 $\pm$ 0.034 χ^2 /NDF: 1431562.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.297 $\pm$ 0.034 χ^2 /NDF: 2539409.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

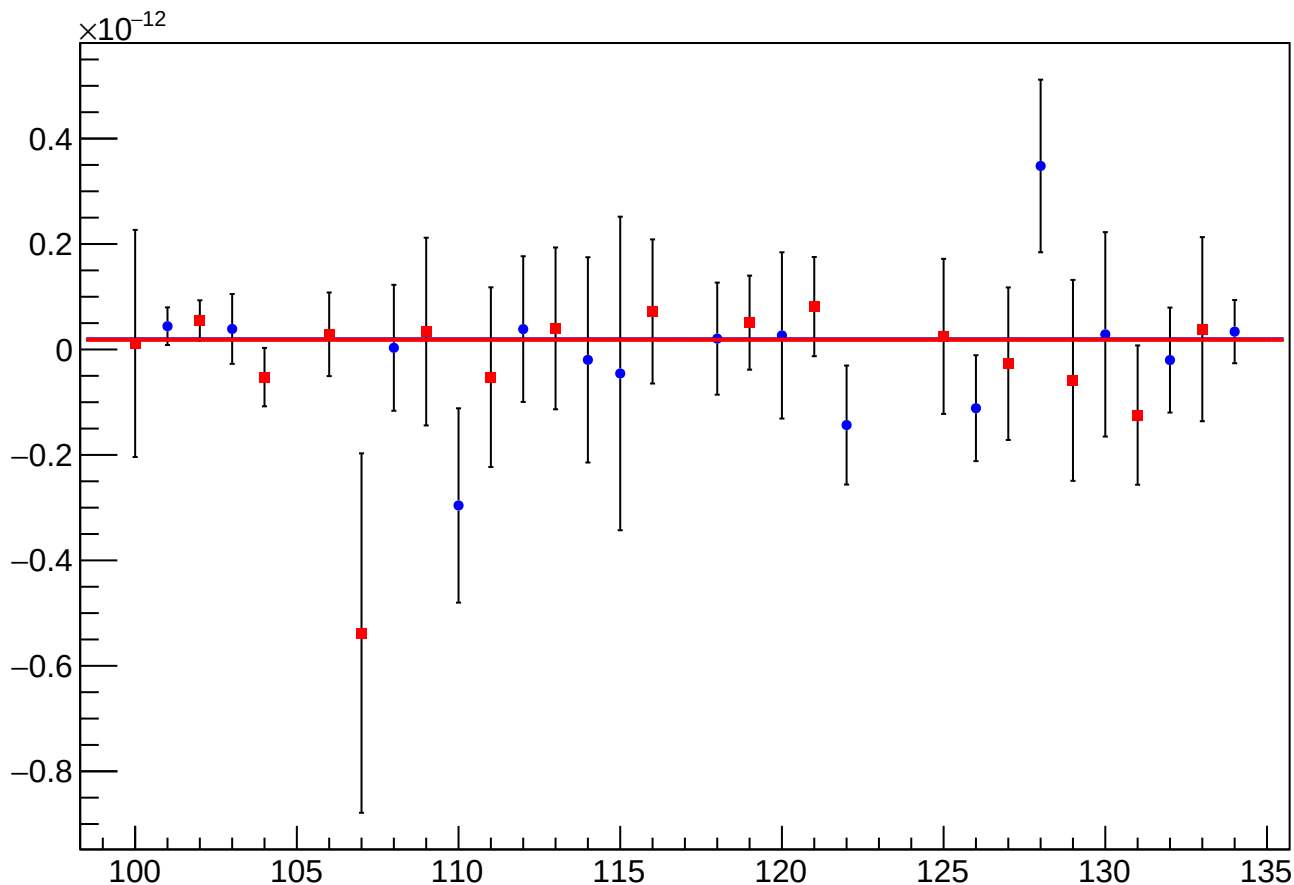
Right: 102.964 $\pm$ 0.024 χ^2 /NDF: 3995321.3/30

In: 106.809 $\pm$ 0.034 χ^2 /NDF:1431562.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.964 $\pm$ 0.024 χ^2 /NDF: 3995321.3/30

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

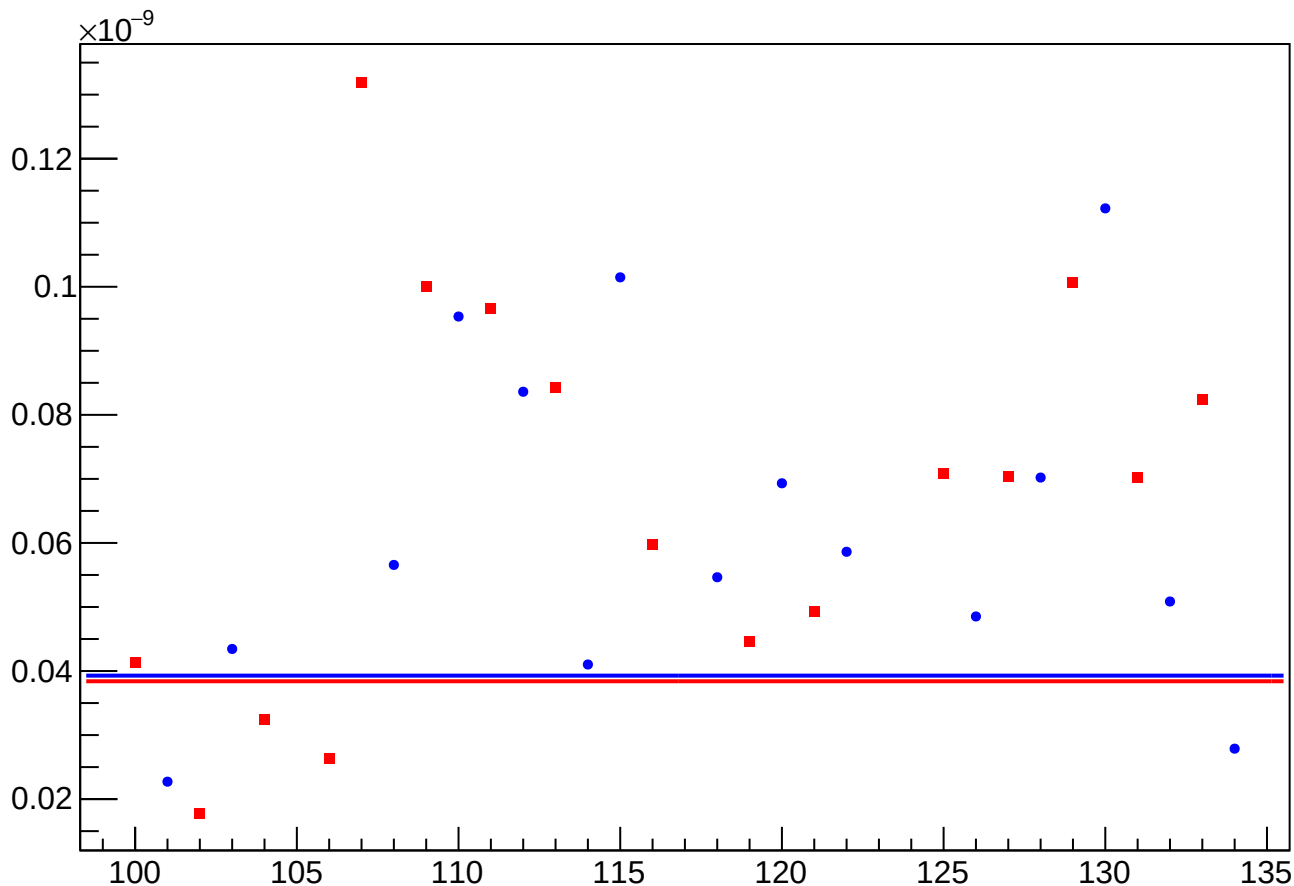
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/30

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/30

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 : 1602315.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2190707.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

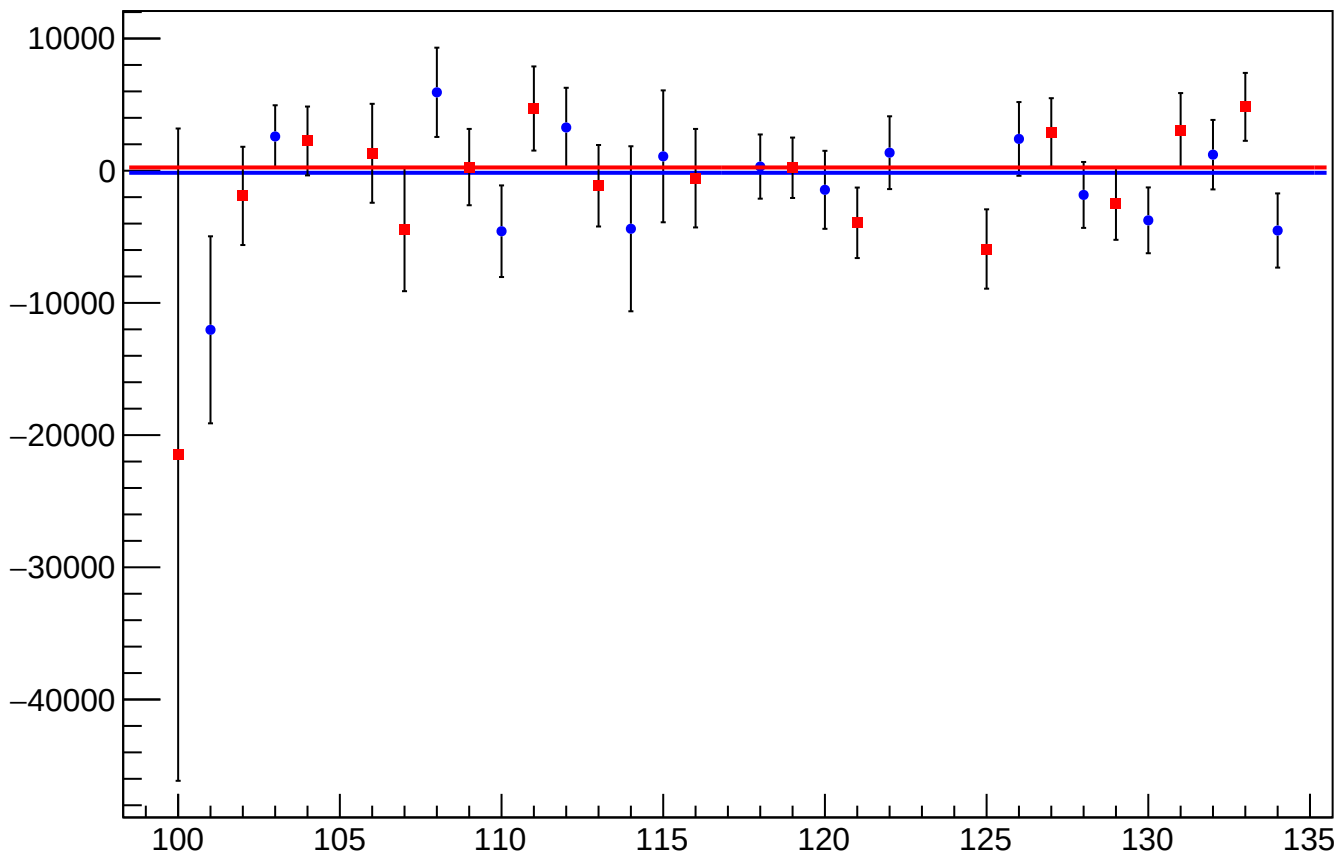
Right: 0.000+/-0.000 χ^2/NDF : 3794477.9/30

In: 0.000+/-0.000 χ^2/NDF : 1602315.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3794477.9/30

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -157.191 ± 770.096 $\chi^2/\text{NDF}: 17.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 247.250 ± 758.263 $\chi^2/\text{NDF}: 17.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

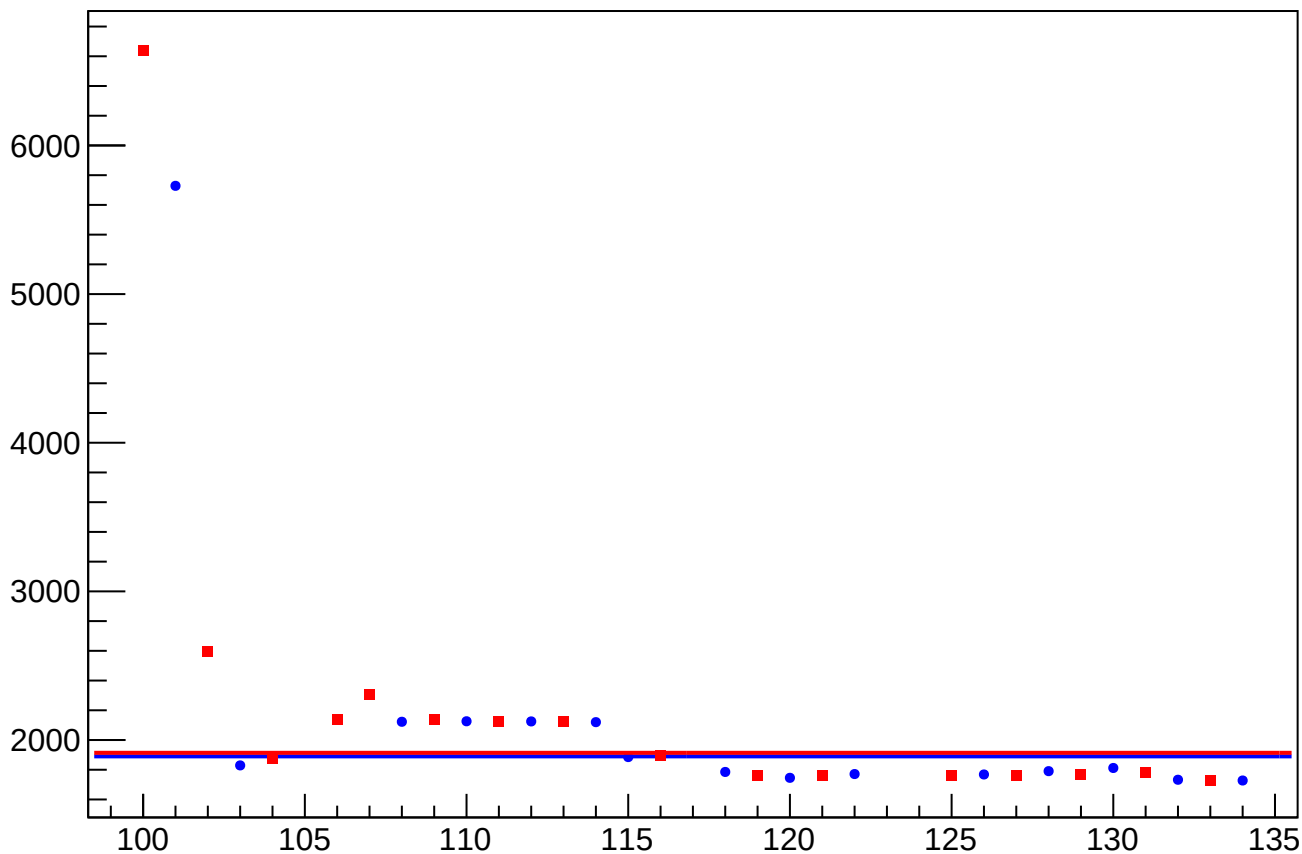
Right: 48.161 ± 540.308 $\chi^2/\text{NDF}: 35.6/30$

In: -157.191 ± 770.096 $\chi^2/\text{NDF}: 17.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 48.161 ± 540.308 $\chi^2/\text{NDF}: 35.6/30$

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1913.883+/-0.536 χ^2/NDF : 240412.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

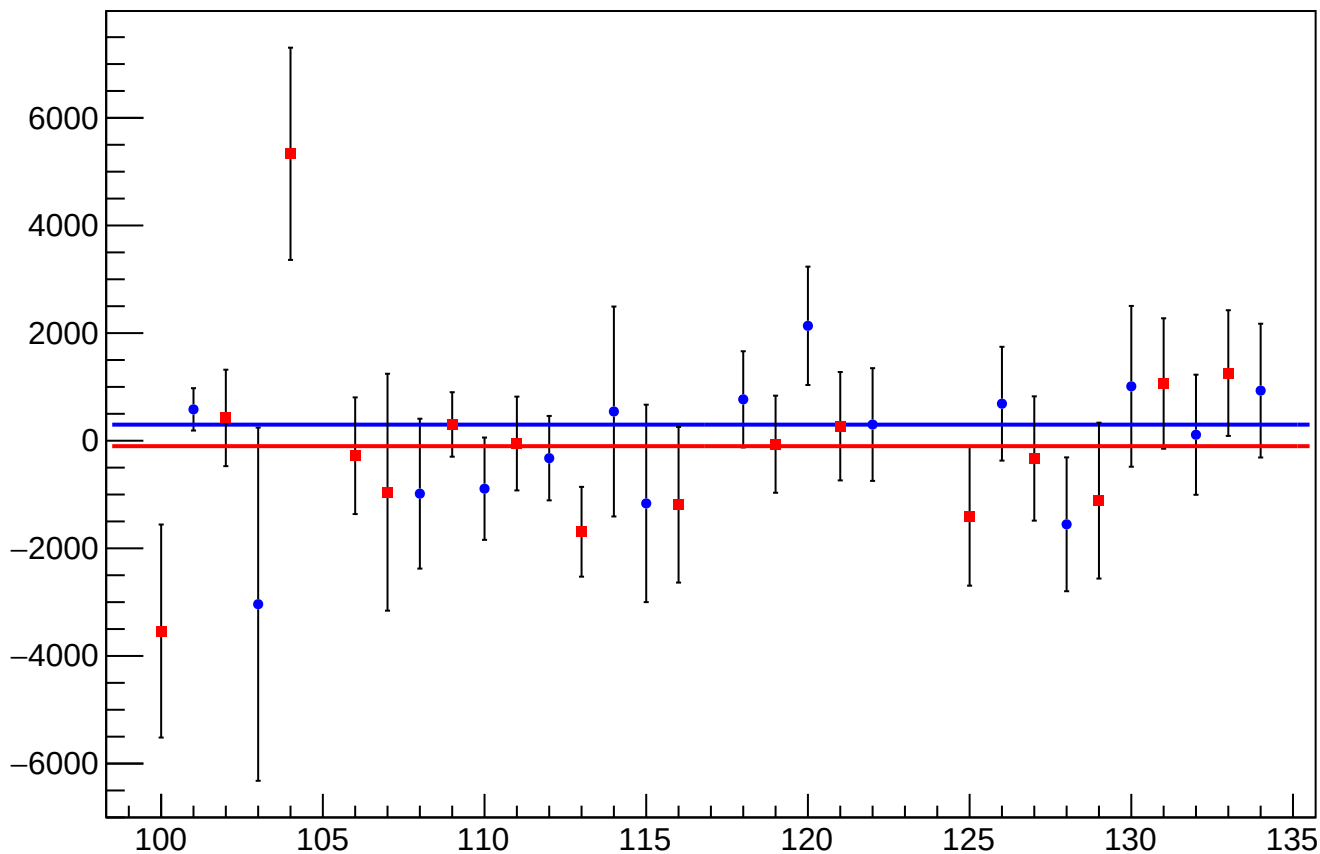
Right: 1902.095+/-0.382 χ^2/NDF : 900393.9/30

In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.095+/-0.382 χ^2/NDF : 900393.9/30

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 298.786+/-244.062 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.320+/-264.616 χ^2/NDF : 19.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

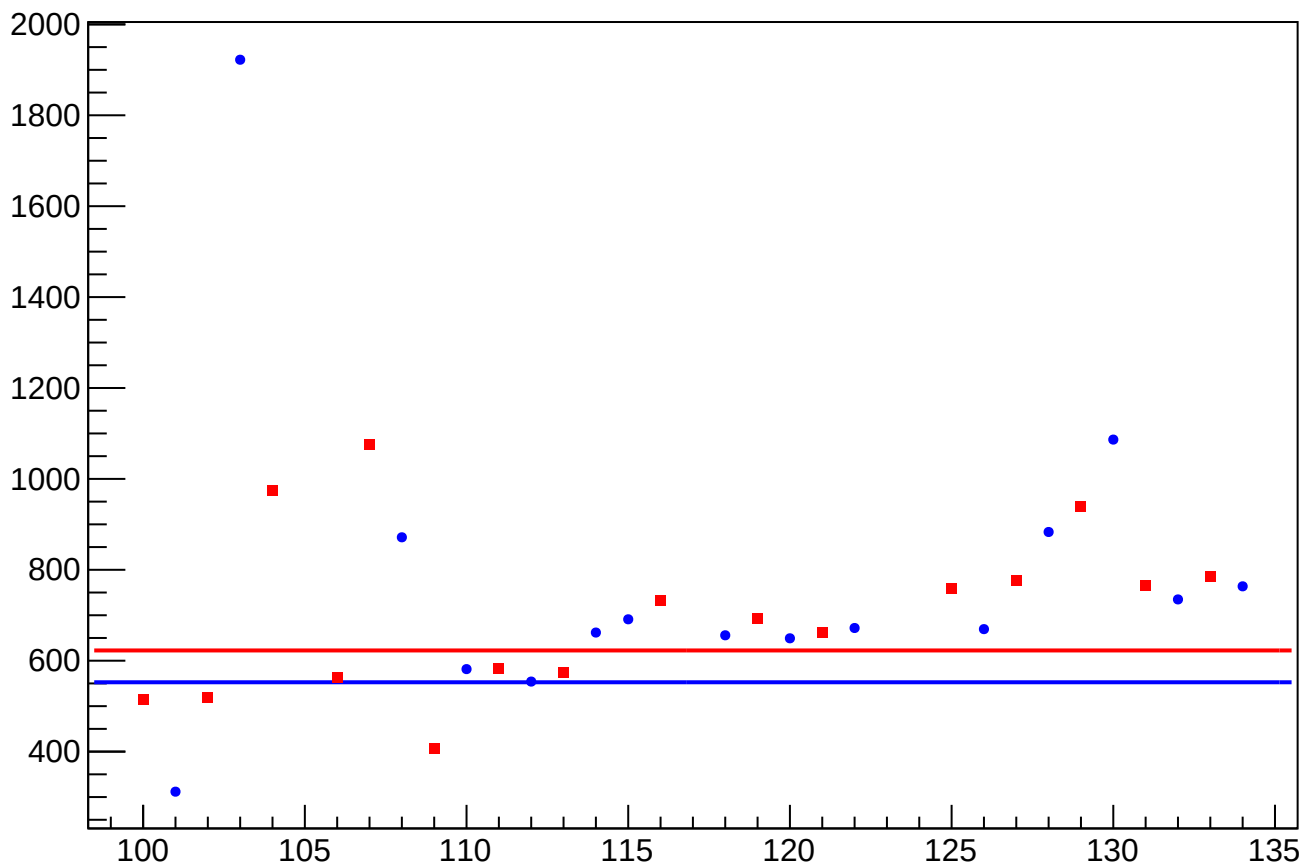
Right: 114.874+/-179.405 χ^2/NDF : 32.1/30

In: 298.786+/-244.062 χ^2/NDF : 11.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.874+/-179.405 χ^2/NDF : 32.1/30

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.550+/-0.173 χ^2/NDF : 1821640.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 622.556+/-0.187 χ^2/NDF : 703137.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

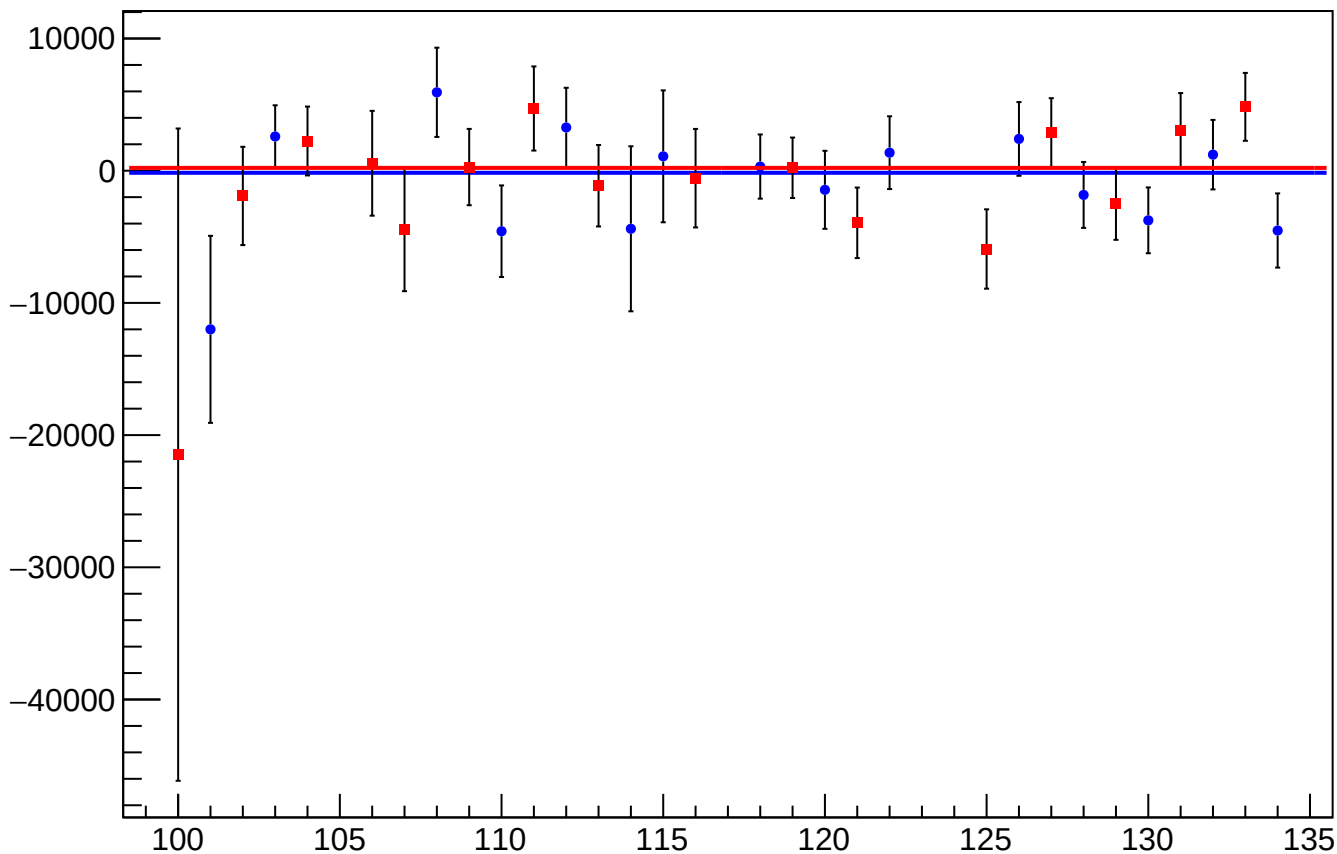
Right: 584.729+/-0.127 χ^2/NDF : 2600415.5/30

In: 552.550+/-0.173 χ^2/NDF : 1821640.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.729+/-0.127 χ^2/NDF : 2600415.5/30

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -156.943 $\pm$ 770.096 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 214.466 $\pm$ 759.964 χ^2 /NDF: 17.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

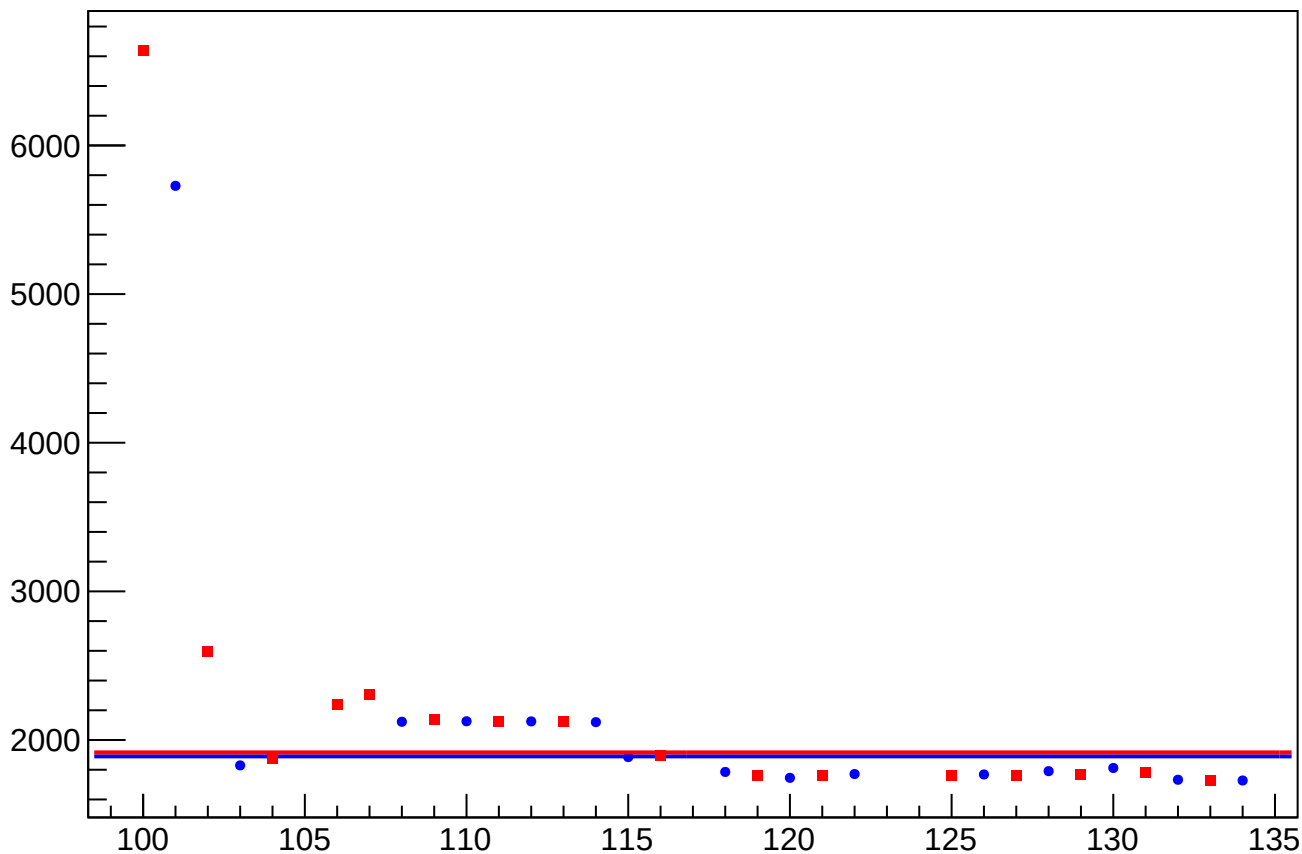
Right: 31.221 $\pm$ 540.922 χ^2 /NDF: 35.4/30

In: -156.943 $\pm$ 770.096 χ^2 /NDF:17.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.221 $\pm$ 540.922 χ^2 /NDF: 35.4/30

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1916.745+/-0.537 χ^2/NDF : 246972.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

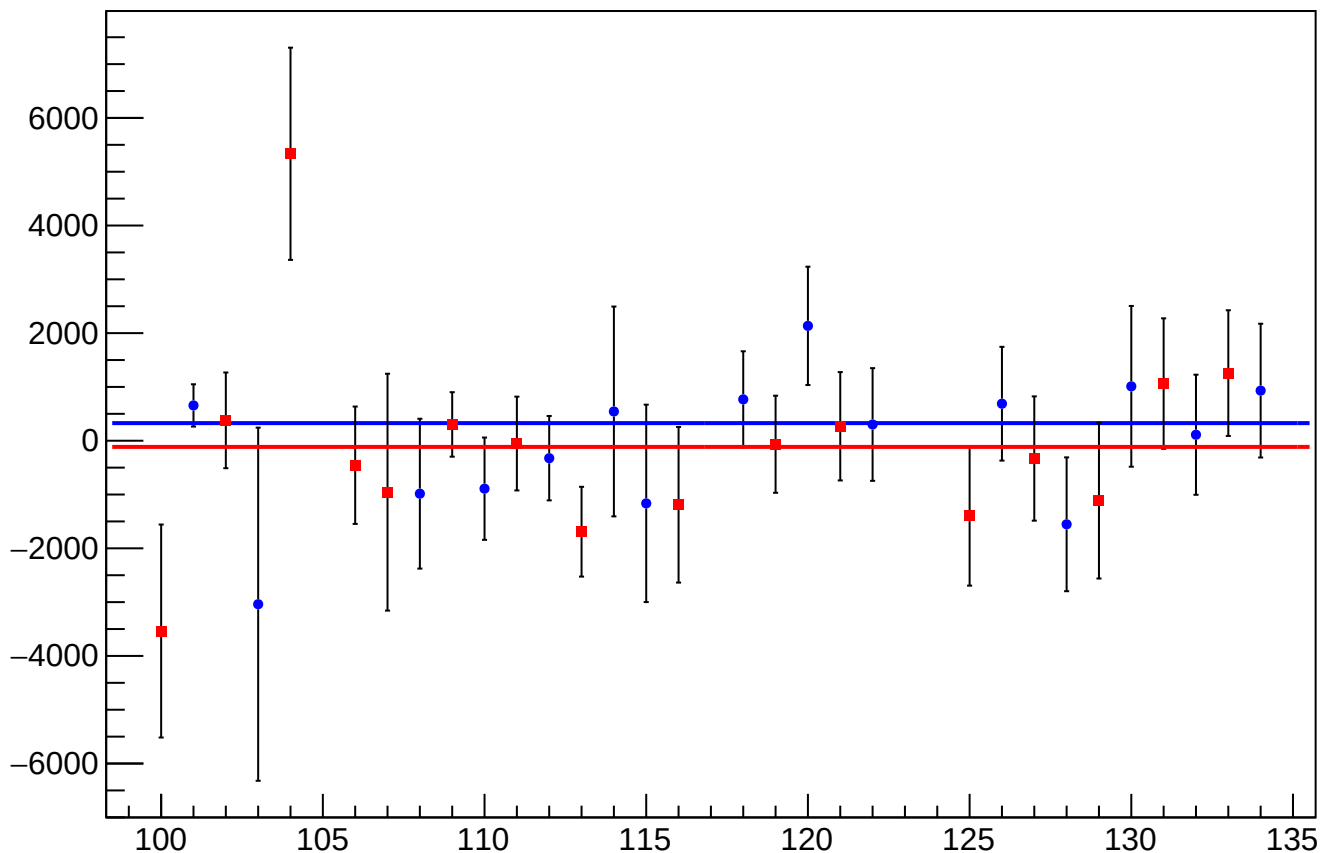
Right: 1903.518+/-0.382 χ^2/NDF : 907199.6/30

In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.518+/-0.382 χ^2/NDF : 907199.6/30

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 327.421+/-243.956 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.724+/-264.537 χ^2/NDF : 19.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

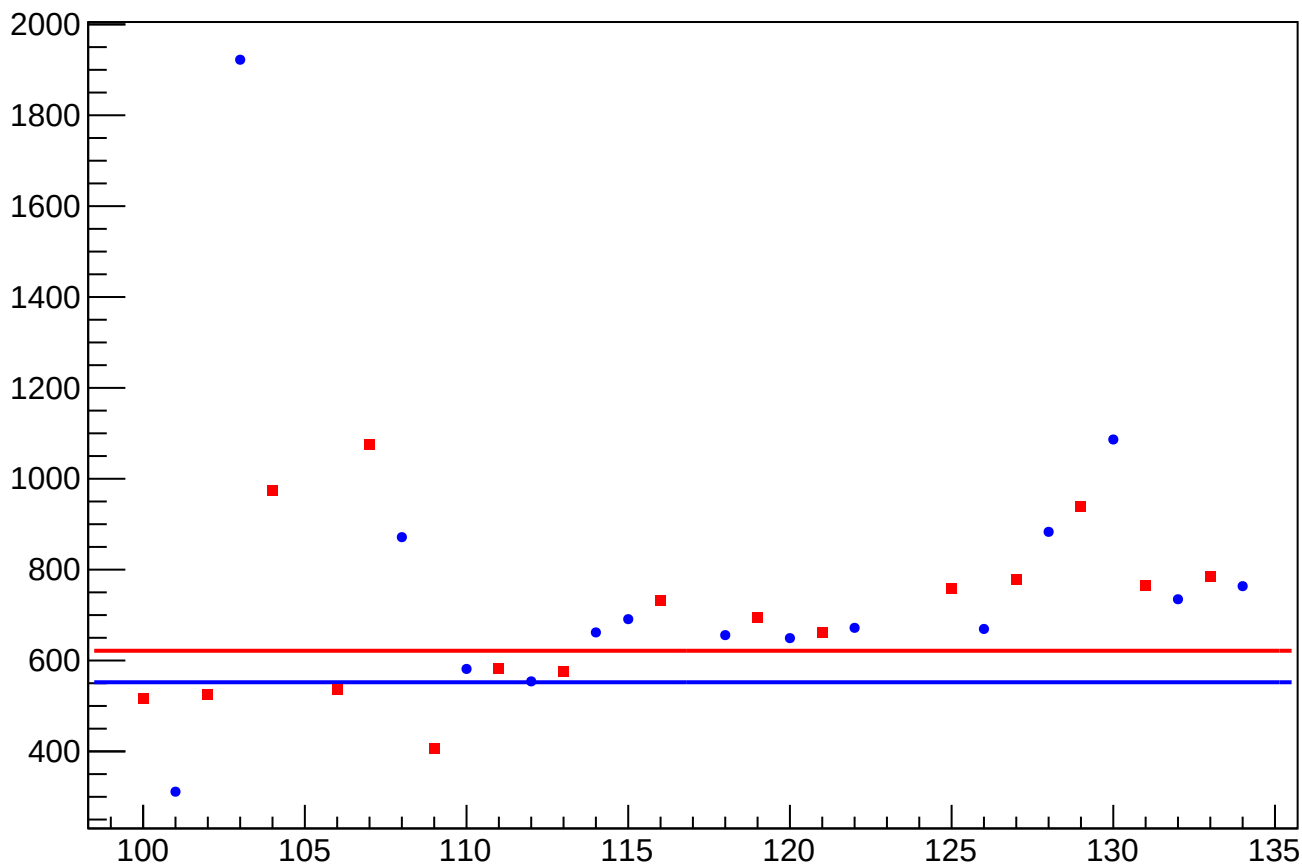
Right: 124.215+/-179.338 χ^2/NDF : 32.7/30

In: 327.421+/-243.956 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.215+/-179.338 χ^2/NDF : 32.7/30

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.148+/-0.173 χ^2/NDF : 1826334.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.472+/-0.187 χ^2/NDF : 706508.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

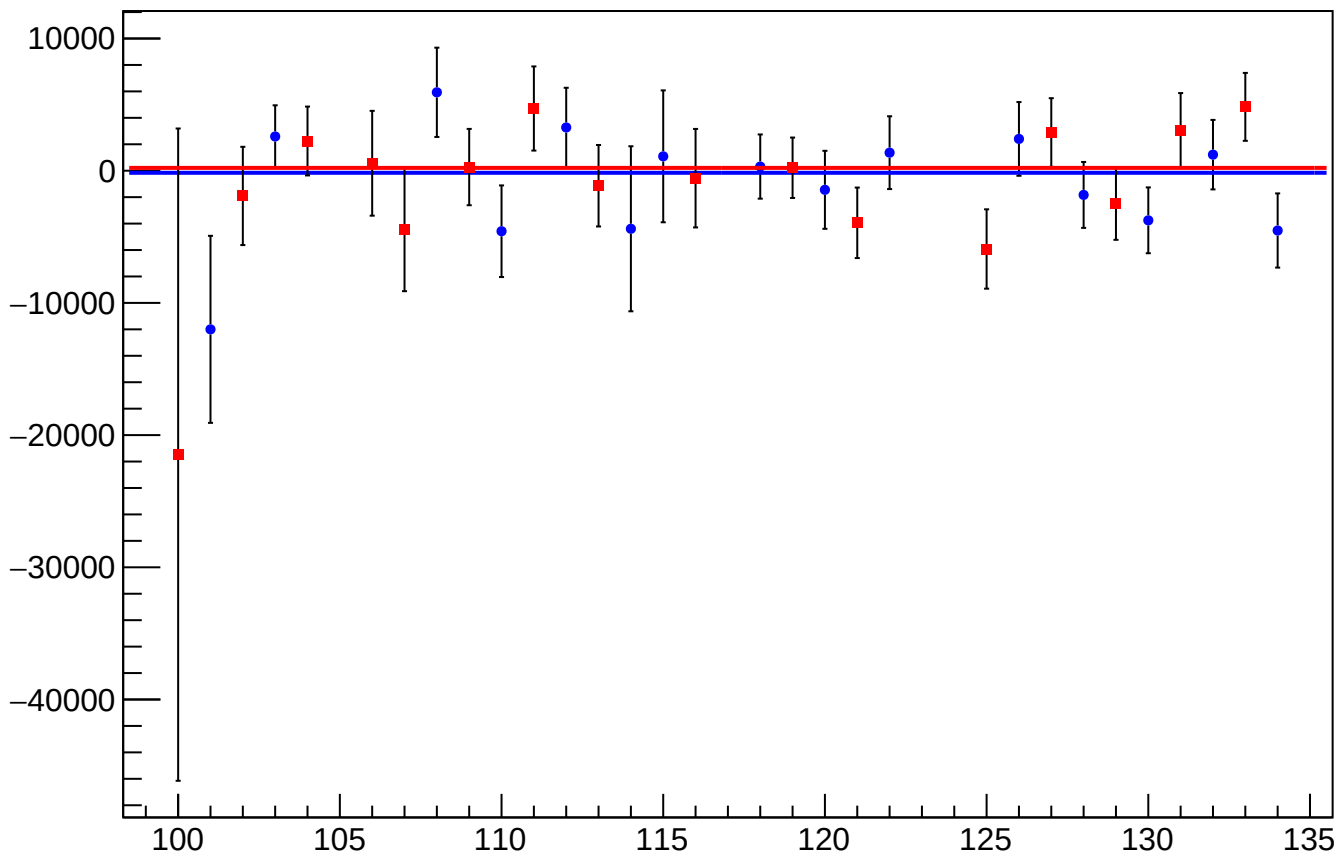
Right: 584.008+/-0.127 χ^2/NDF : 2607066.5/30

In: 552.148+/-0.173 χ^2/NDF : 1826334.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.008+/-0.127 χ^2/NDF : 2607066.5/30

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -156.943 ± 770.096 $\chi^2/\text{NDF}: 17.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 214.466 ± 759.964 $\chi^2/\text{NDF}: 17.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

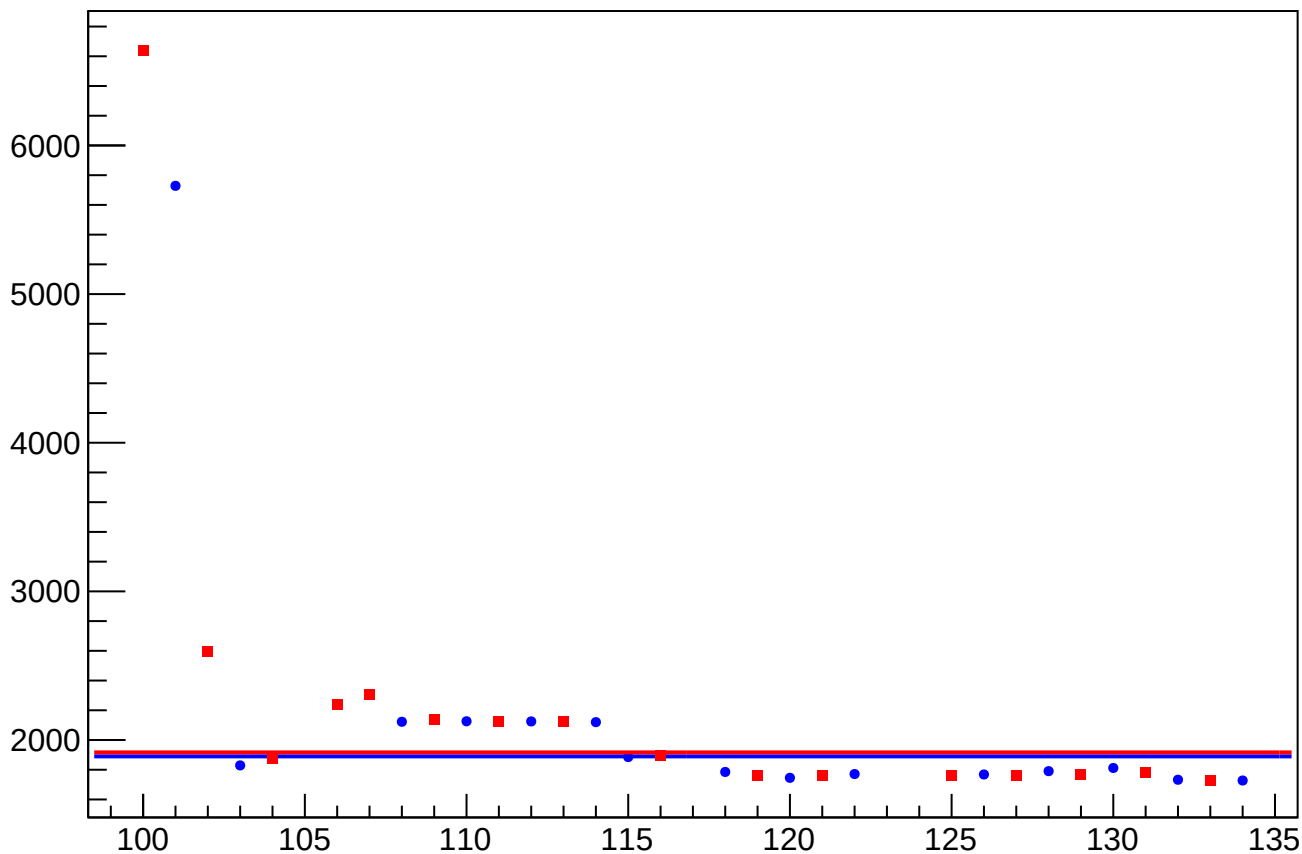
Right: 31.221 ± 540.922 $\chi^2/\text{NDF}: 35.4/30$

In: -156.943 ± 770.096 $\chi^2/\text{NDF}: 17.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.221 ± 540.922 $\chi^2/\text{NDF}: 35.4/30$

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1916.745+/-0.537 χ^2/NDF : 246972.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

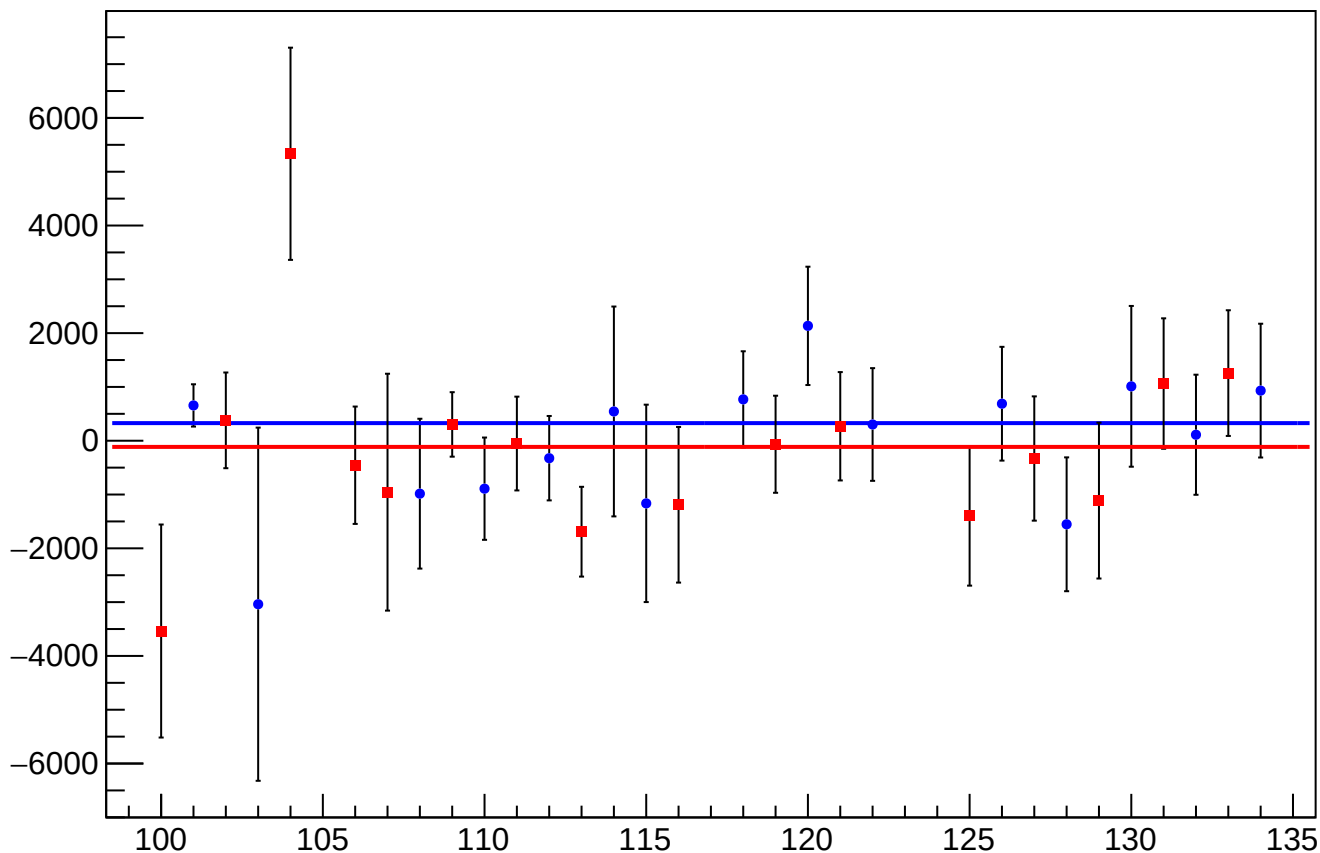
Right: 1903.518+/-0.382 χ^2/NDF : 907199.6/30

In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.518+/-0.382 χ^2/NDF : 907199.6/30

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 327.421+/-243.956 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -114.724+/-264.537 χ^2/NDF : 19.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

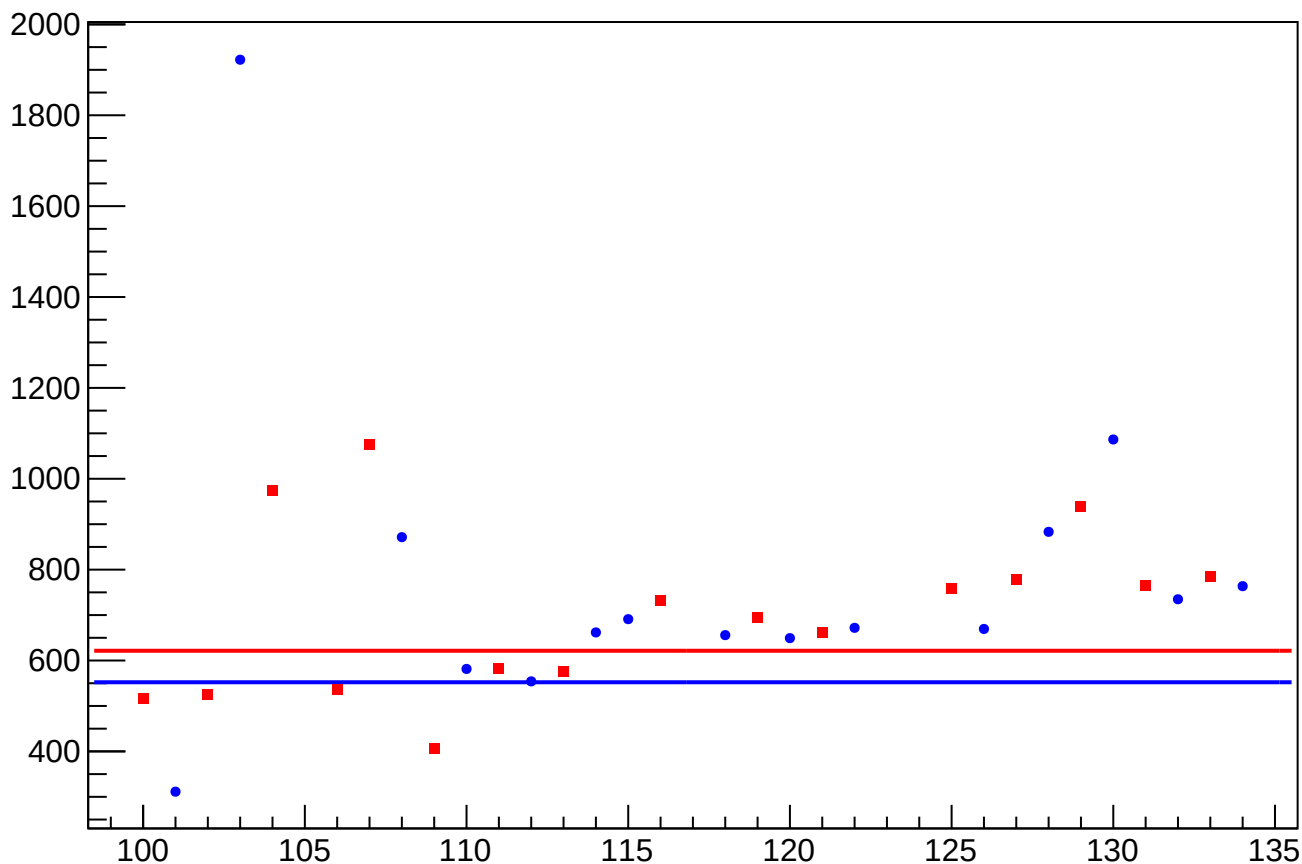
Right: 124.215+/-179.338 χ^2/NDF : 32.7/30

In: 327.421+/-243.956 χ^2/NDF :11.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 124.215+/-179.338 χ^2/NDF : 32.7/30

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.148+/-0.173 χ^2/NDF : 1826334.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.472+/-0.187 χ^2/NDF : 706508.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

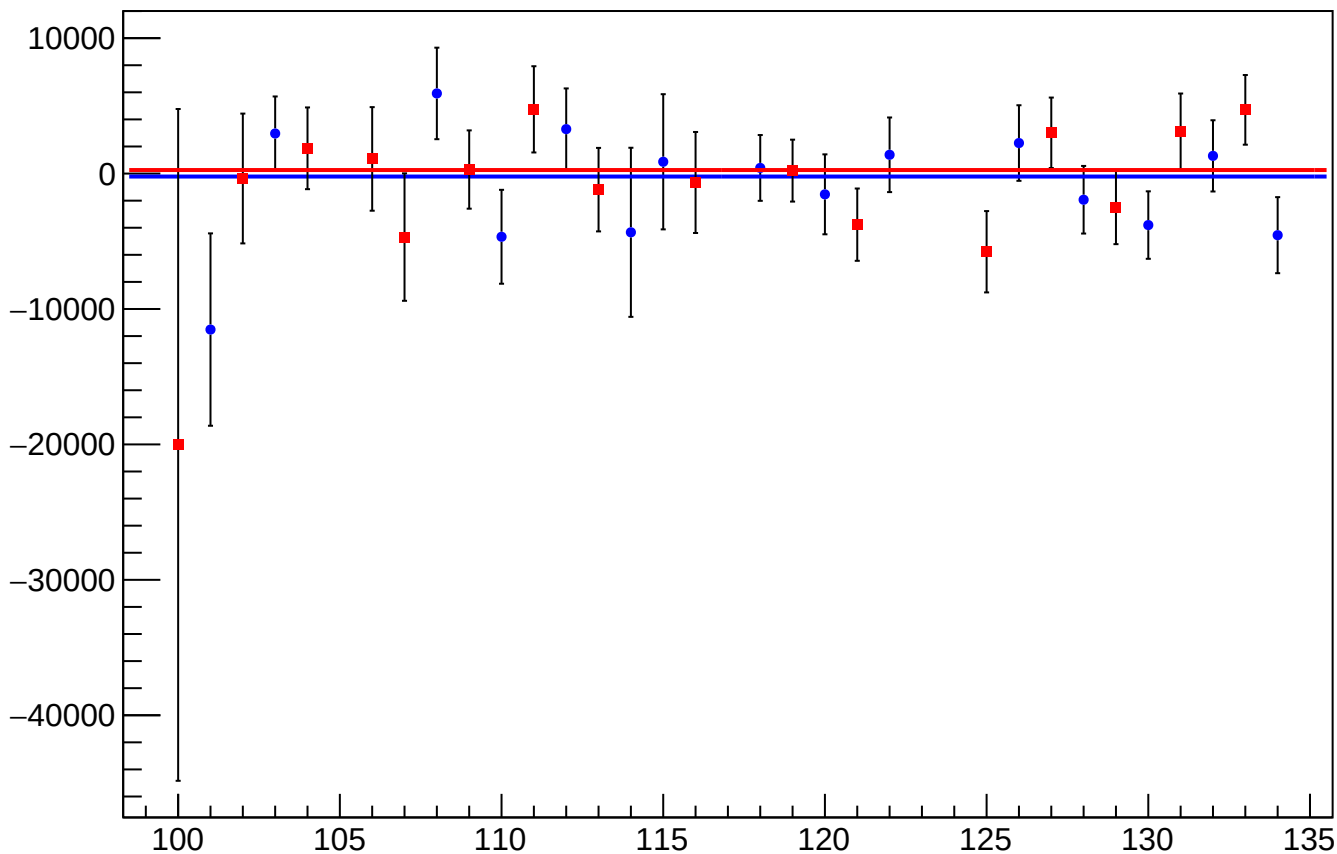
Right: 584.008+/-0.127 χ^2/NDF : 2607066.5/30

In: 552.148+/-0.173 χ^2/NDF : 1826334.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.008+/-0.127 χ^2/NDF : 2607066.5/30

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -219.070 ± 781.331 χ^2/NDF : 17.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 260.967 ± 774.480 χ^2/NDF : 16.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

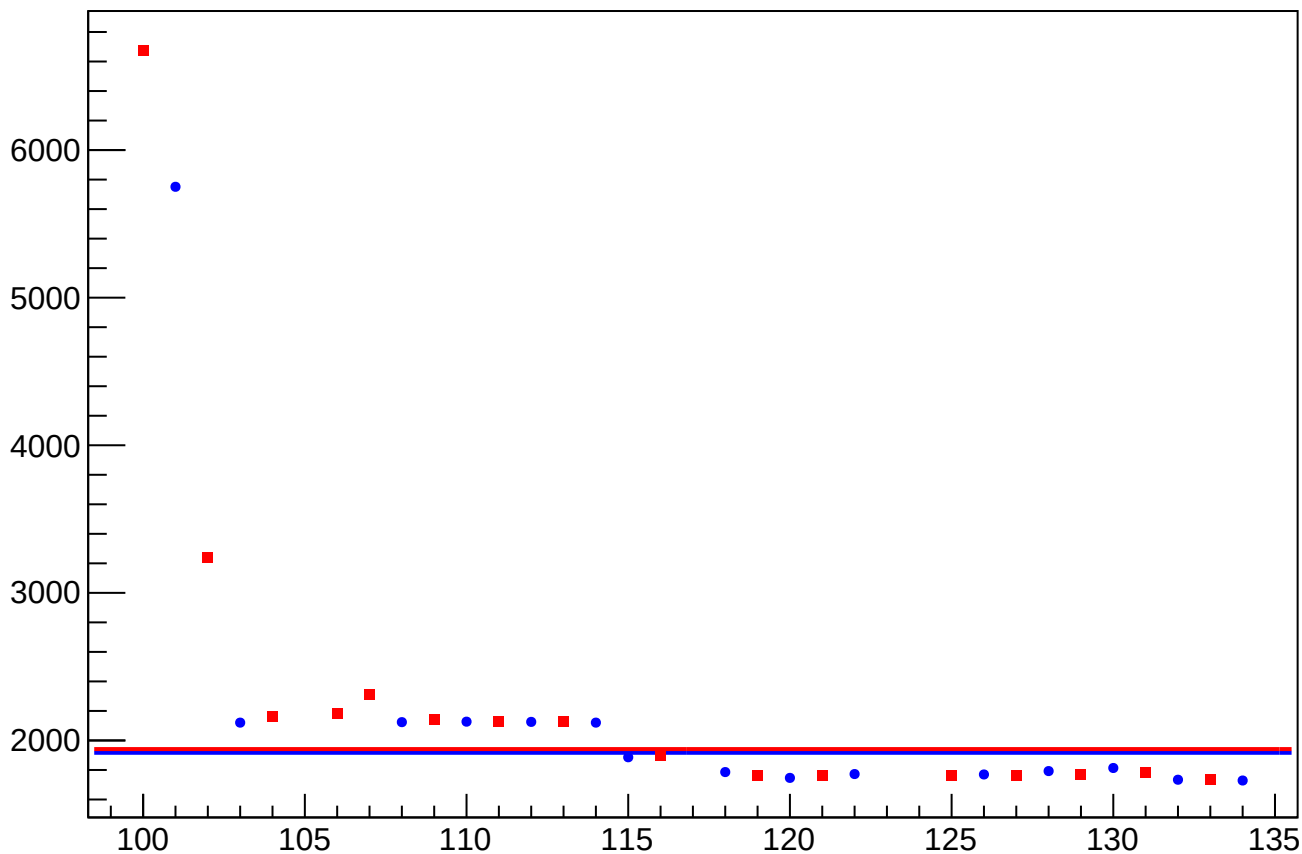
Right: 23.062 ± 550.046 χ^2/NDF : 34.4/30

In: -219.070 ± 781.331 χ^2/NDF : 17.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.062 ± 550.046 χ^2/NDF : 34.4/30

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1916.538+/-0.552 χ^2/NDF : 671296.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.629+/-0.548 χ^2/NDF : 338640.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

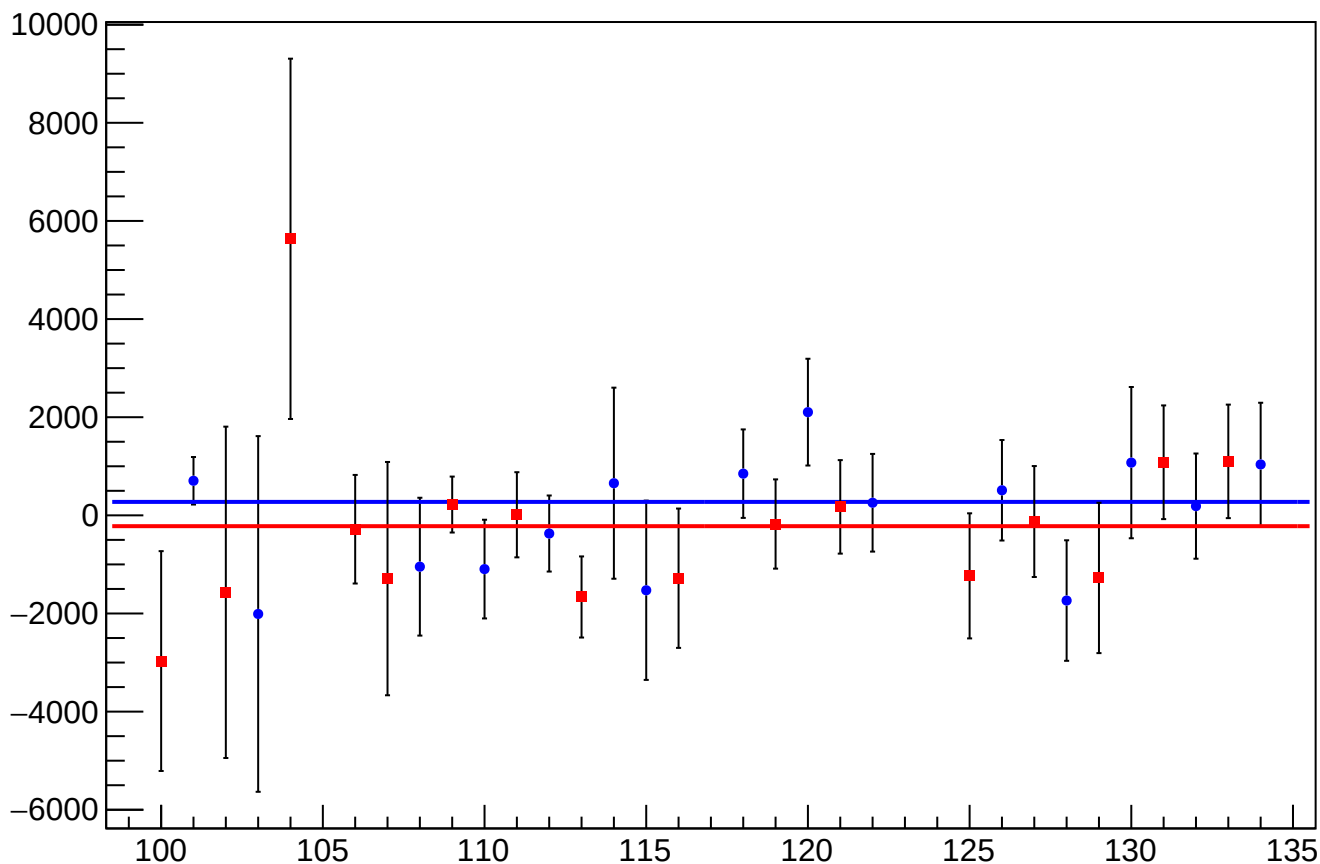
Right: 1929.194+/-0.389 χ^2/NDF : 1010978.1/30

In: 1916.538+/-0.552 χ^2/NDF : 671296.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.194+/-0.389 χ^2/NDF : 1010978.1/30

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 274.149+/-260.927 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.646+/-273.721 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

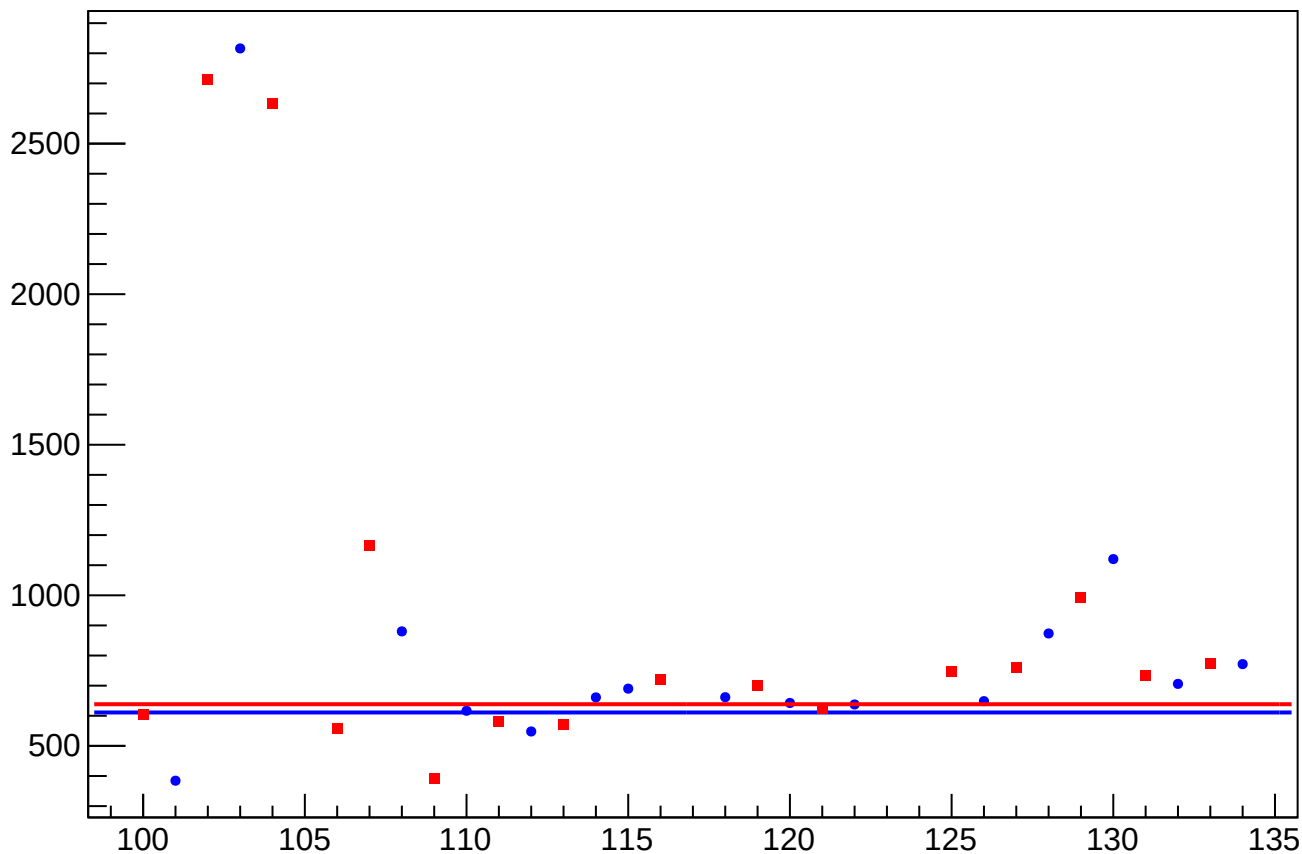
Right: 38.585+/-188.864 χ^2/NDF : 26.5/30

In: 274.149+/-260.927 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.585+/-188.864 χ^2/NDF : 26.5/30

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 610.929+/-0.185 χ^2/NDF : 1640175.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 638.345+/-0.194 χ^2/NDF : 2057276.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

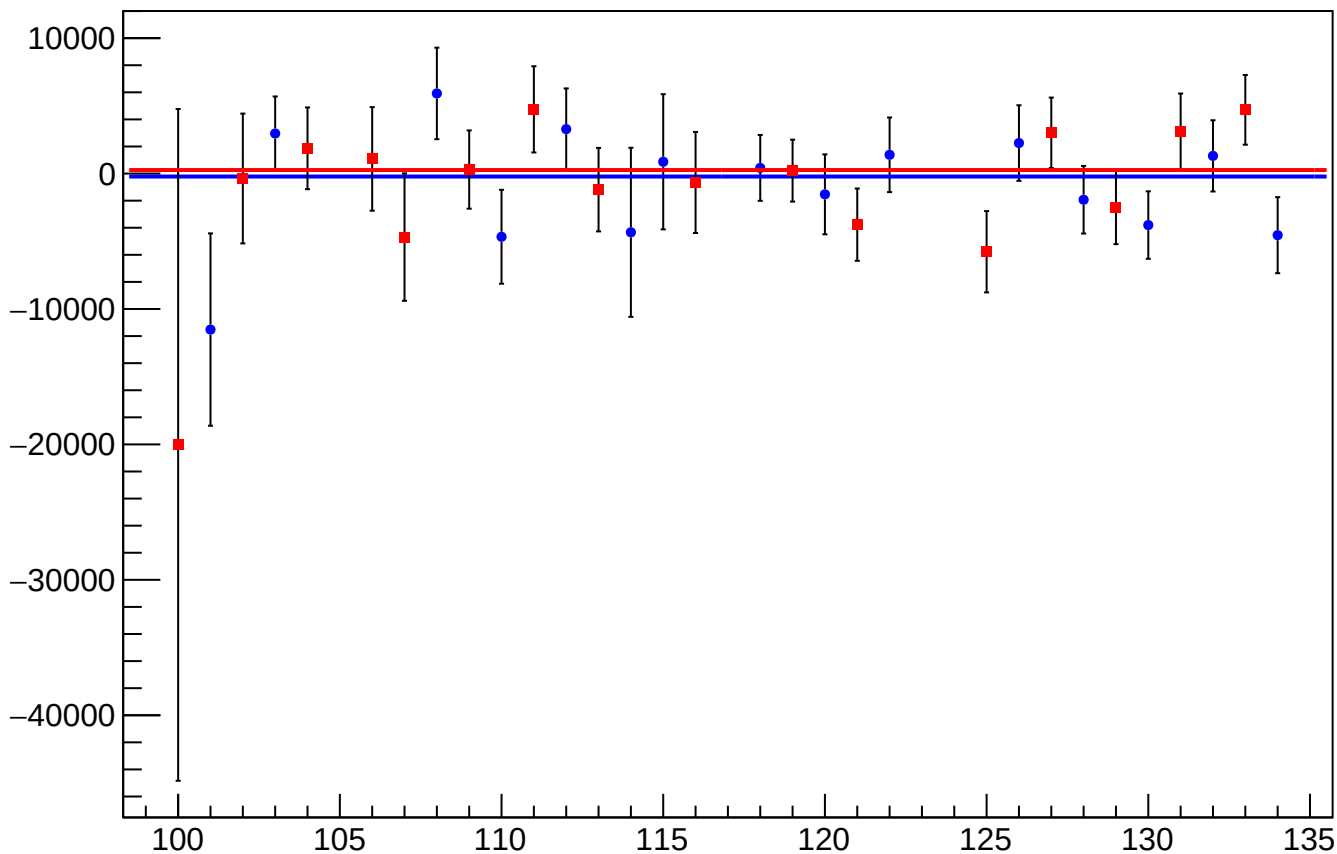
Right: 623.981+/-0.134 χ^2/NDF : 3707964.4/30

In: 610.929+/-0.185 χ^2/NDF :1640175.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 623.981+/-0.134 χ^2/NDF : 3707964.4/30

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -219.067 $\pm$ 781.331 χ^2 /NDF: 17.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 260.968 $\pm$ 774.480 χ^2 /NDF: 16.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

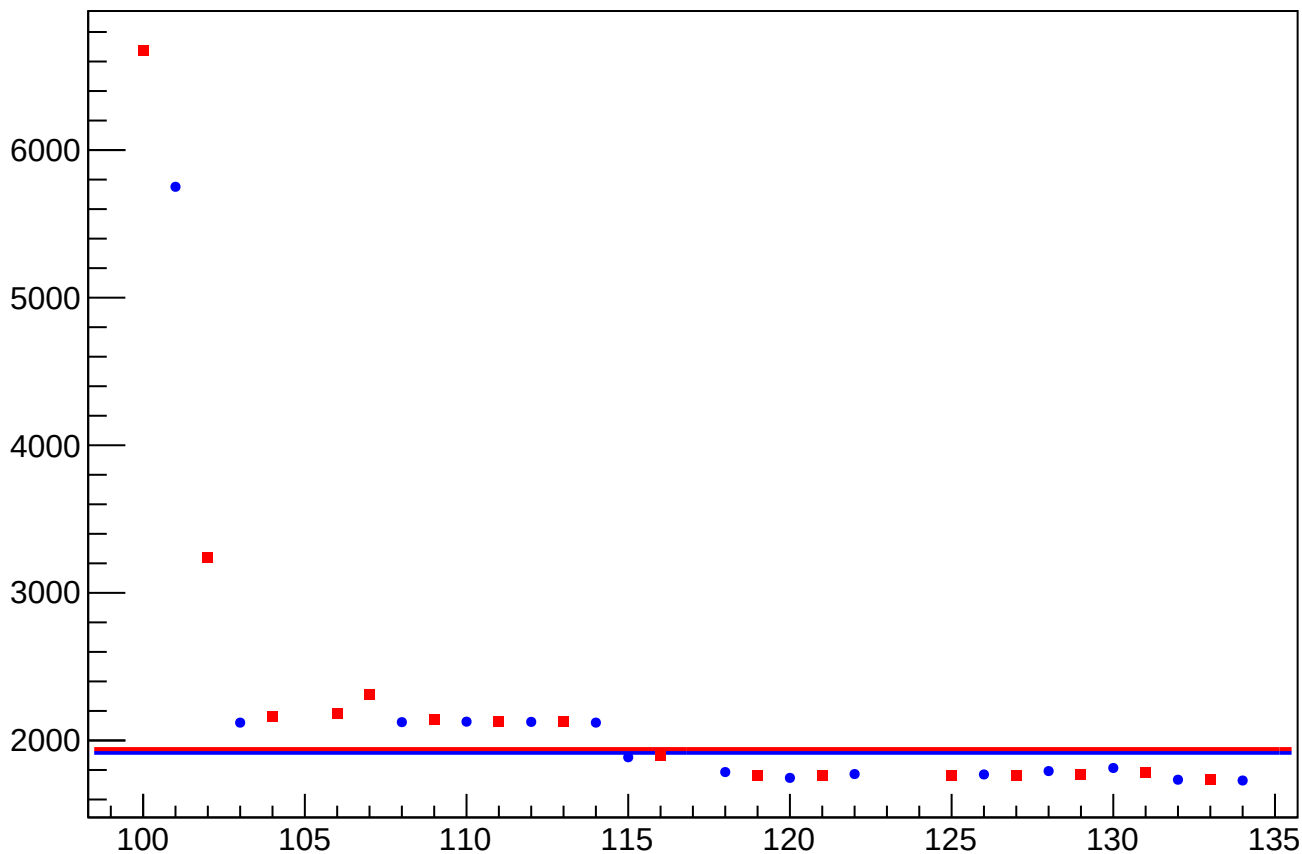
Right: 23.064 $\pm$ 550.046 χ^2 /NDF: 34.4/30

In: -219.067 $\pm$ 781.331 χ^2 /NDF:17.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.064 $\pm$ 550.046 χ^2 /NDF: 34.4/30

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1916.538+/-0.552 χ^2/NDF : 671296.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.629+/-0.548 χ^2/NDF : 338640.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

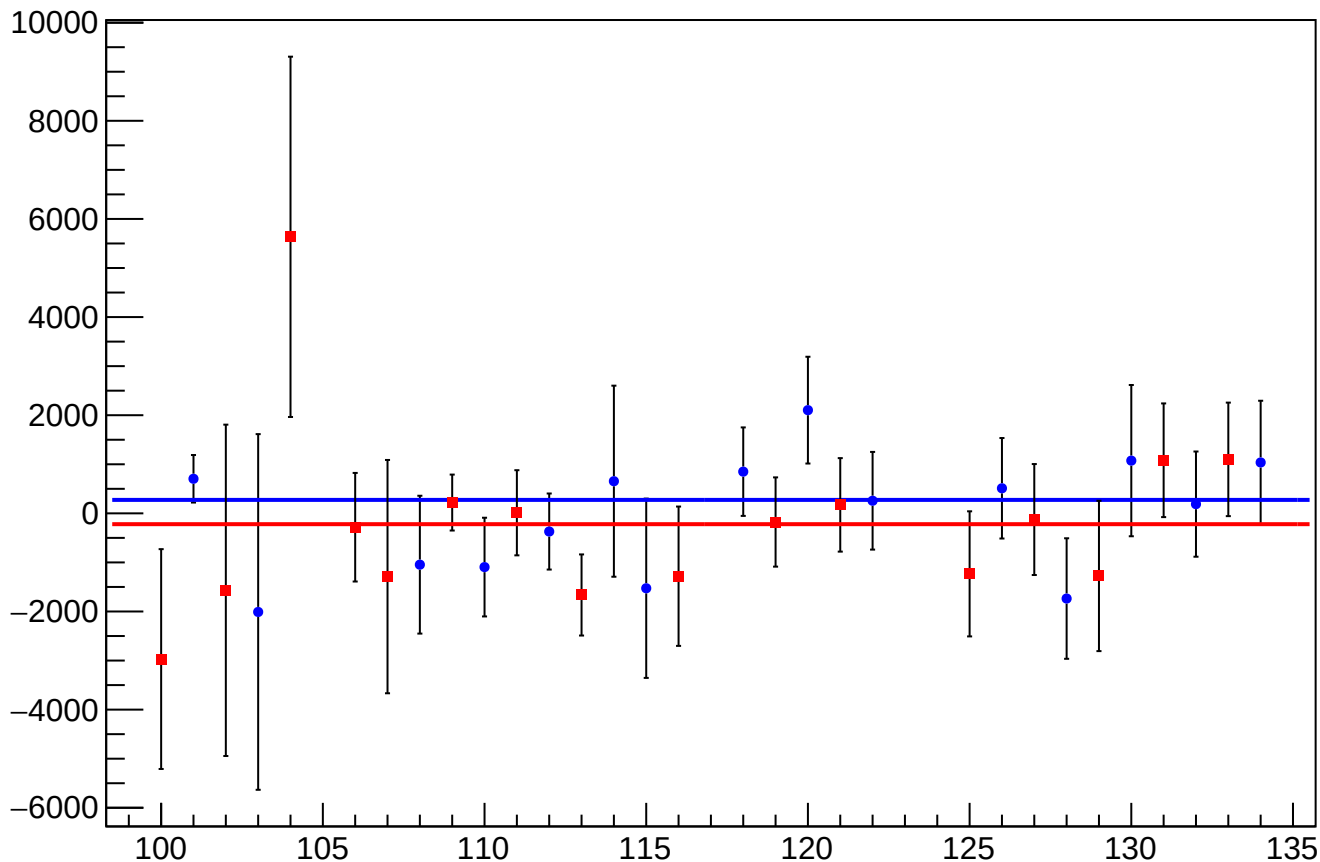
Right: 1929.194+/-0.389 χ^2/NDF : 1010977.1/30

In: 1916.538+/-0.552 χ^2/NDF : 671296.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.194+/-0.389 χ^2/NDF : 1010977.1/30

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 274.148+/-260.926 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.643+/-273.720 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

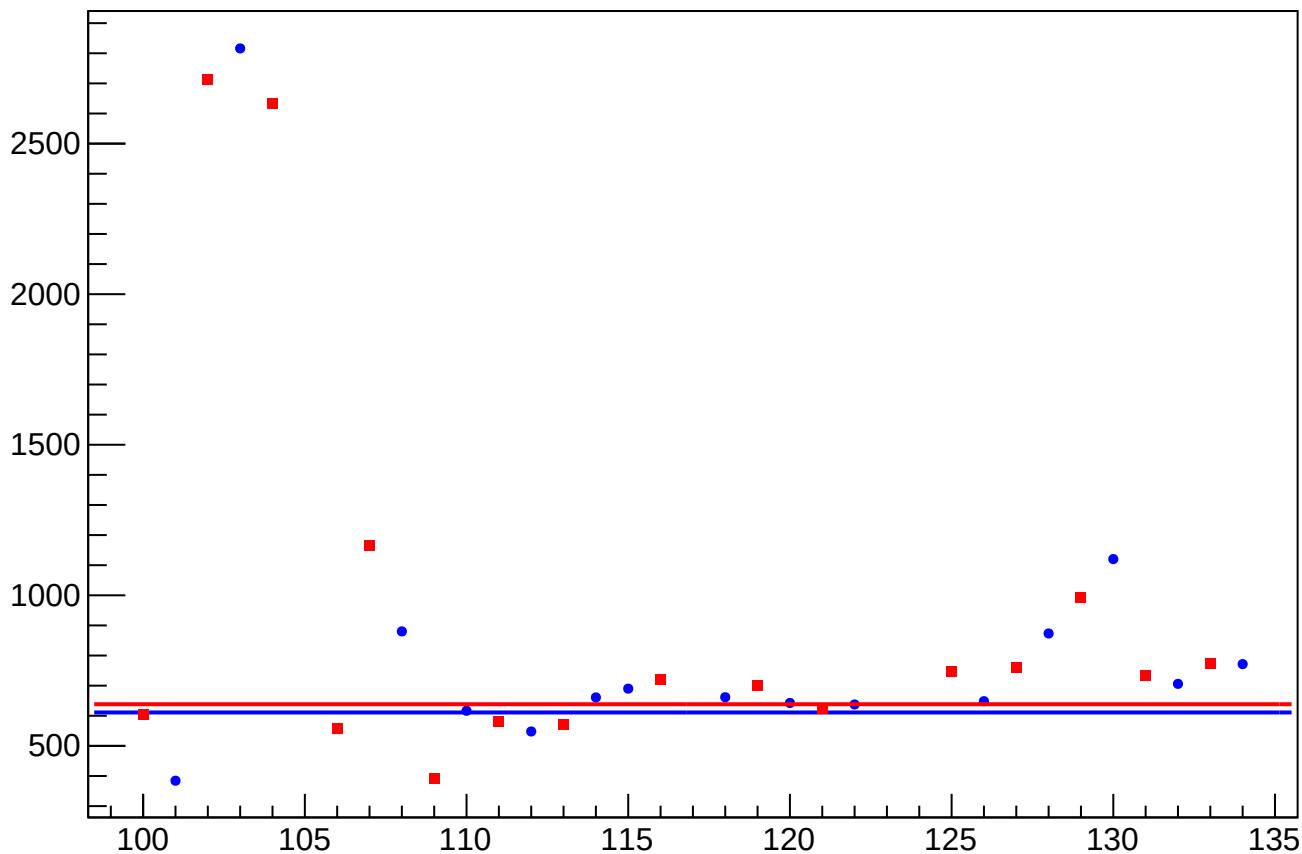
Right: 38.585+/-188.864 χ^2/NDF : 26.5/30

In: 274.148+/-260.926 χ^2/NDF : 12.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.585+/-188.864 χ^2/NDF : 26.5/30

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 610.927+/-0.185 χ^2/NDF : 1640163.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.341+/-0.194 χ^2/NDF : 2057294.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

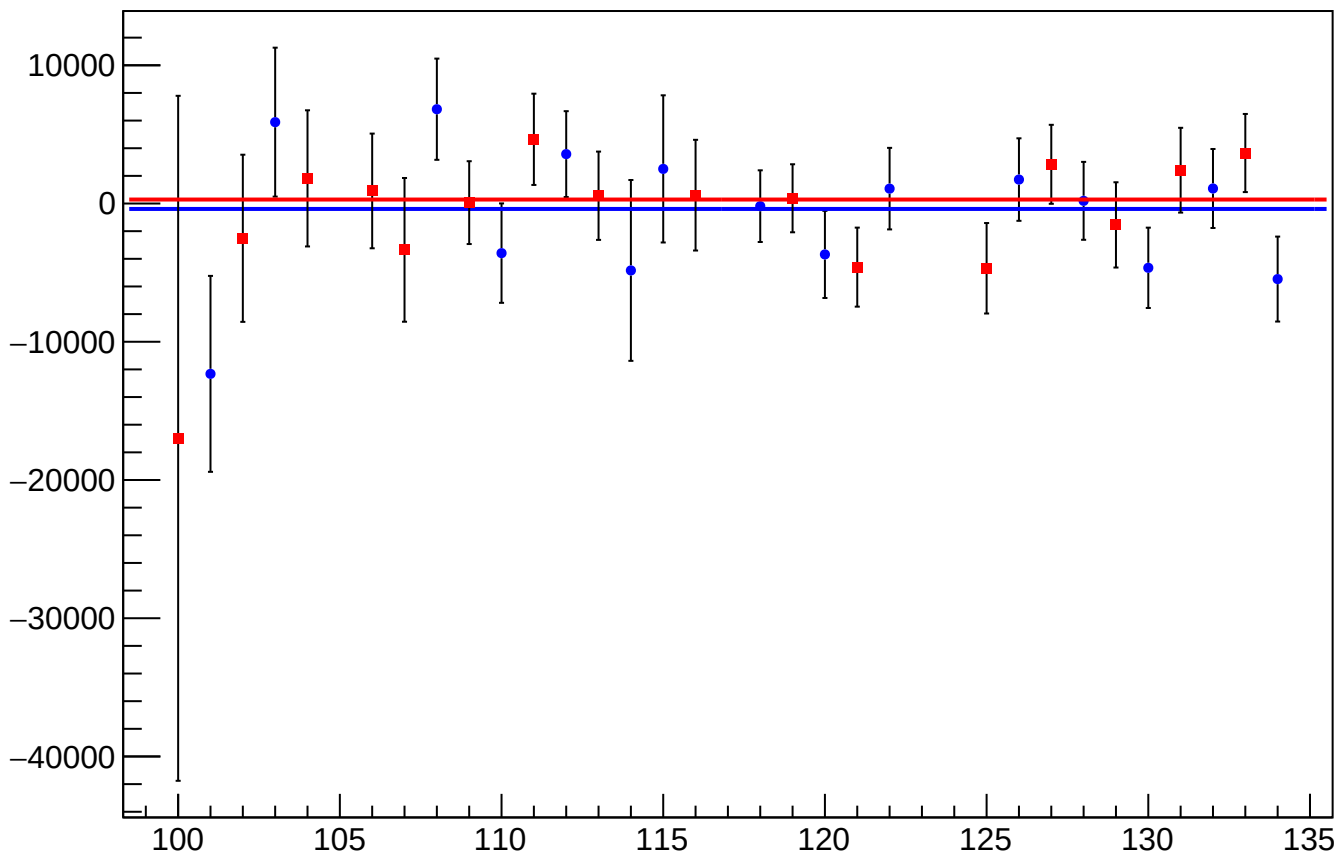
Right: 623.978+/-0.134 χ^2/NDF : 3707968.6/30

In: 610.927+/-0.185 χ^2/NDF : 1640163.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.978+/-0.134 χ^2/NDF : 3707968.6/30

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -392.599 ± 871.017 χ^2/NDF : 18.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 288.467 ± 854.638 χ^2/NDF : 11.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

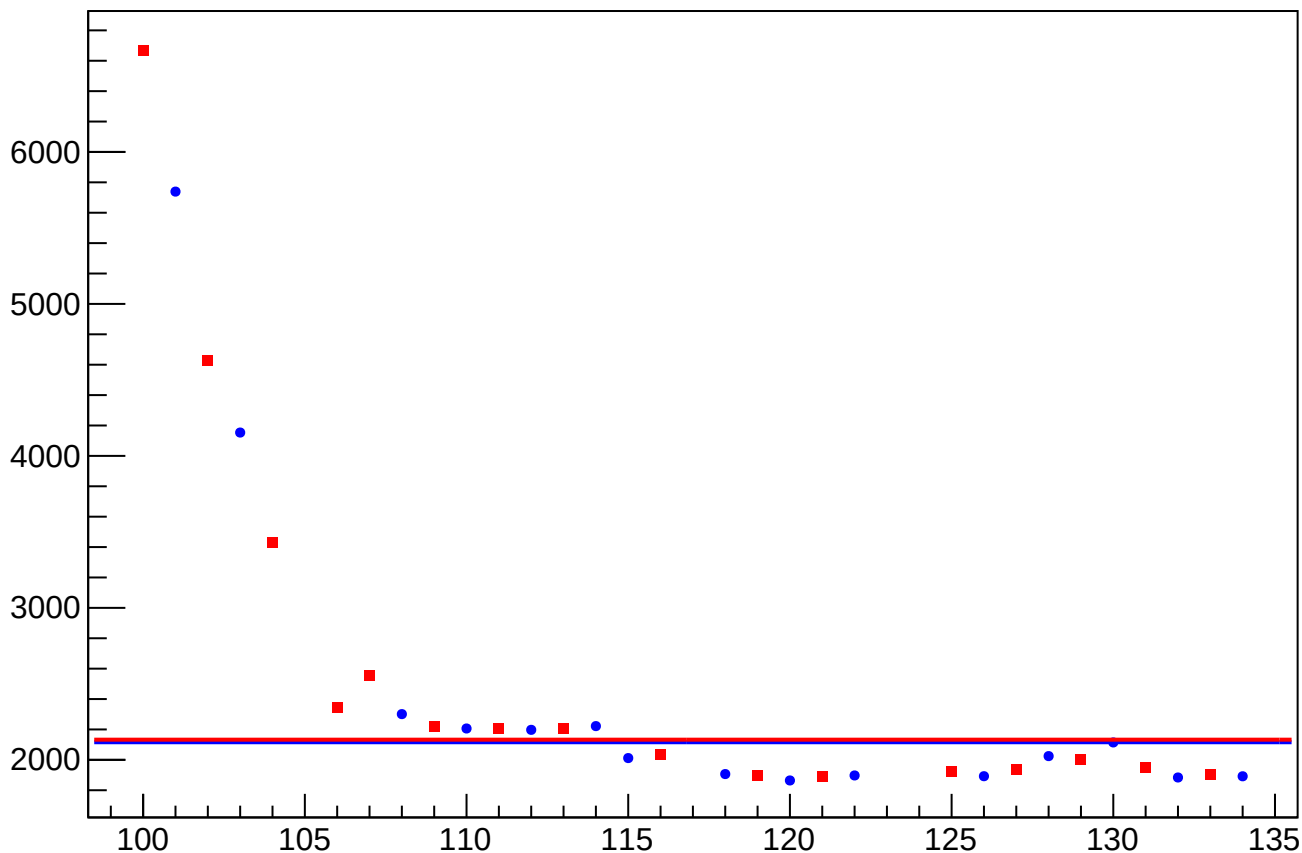
Right: -45.602 ± 610.028 χ^2/NDF : 30.0/30

In: -392.599 ± 871.017 χ^2/NDF : 18.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.602 ± 610.028 χ^2/NDF : 30.0/30

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2115.785+/-0.616 χ^2/NDF : 891836.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2132.688+/-0.604 χ^2/NDF : 643896.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

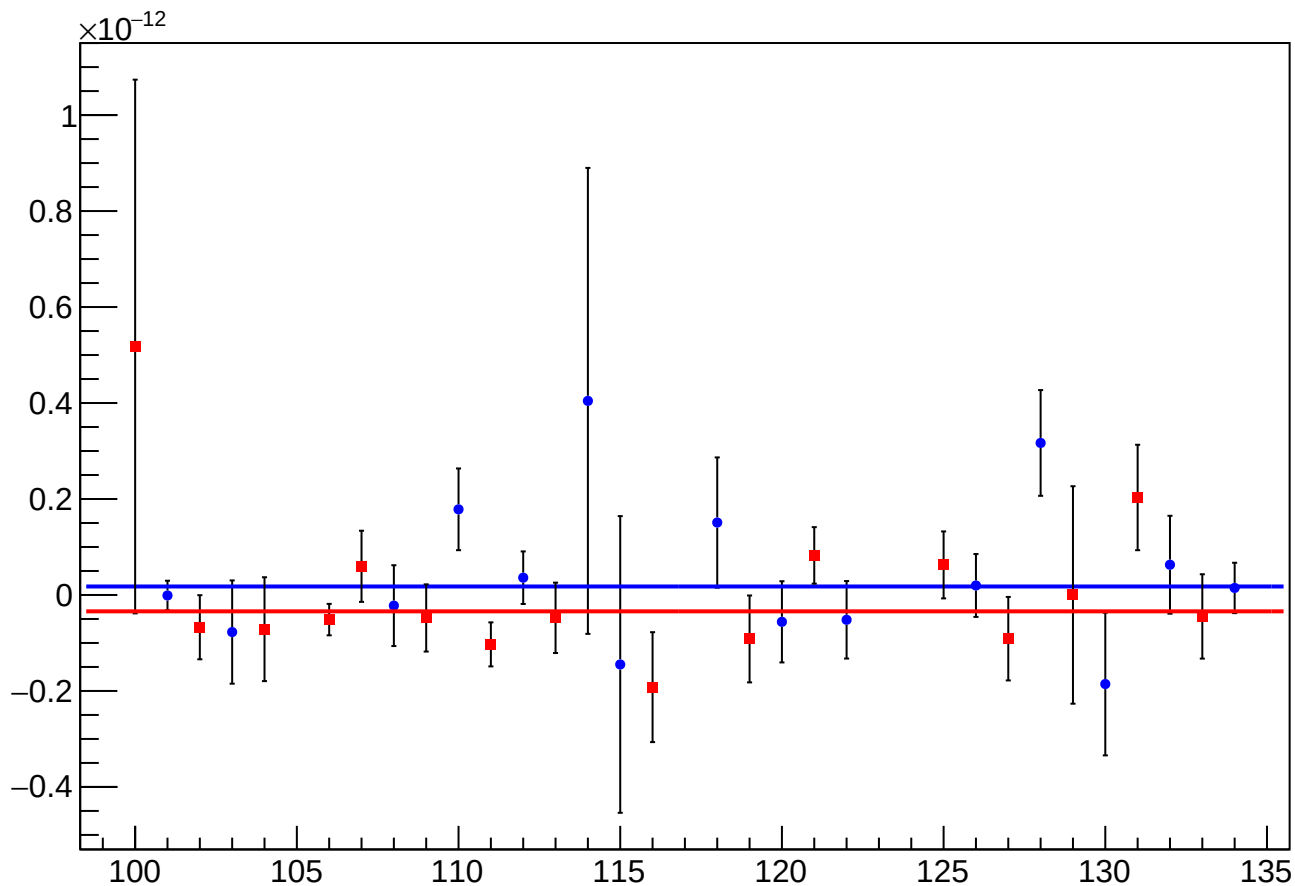
Right: 2124.397+/-0.431 χ^2/NDF : 1536116.9/30

In: 2115.785+/-0.616 χ^2/NDF : 891836.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.397+/-0.431 χ^2/NDF : 1536116.9/30

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

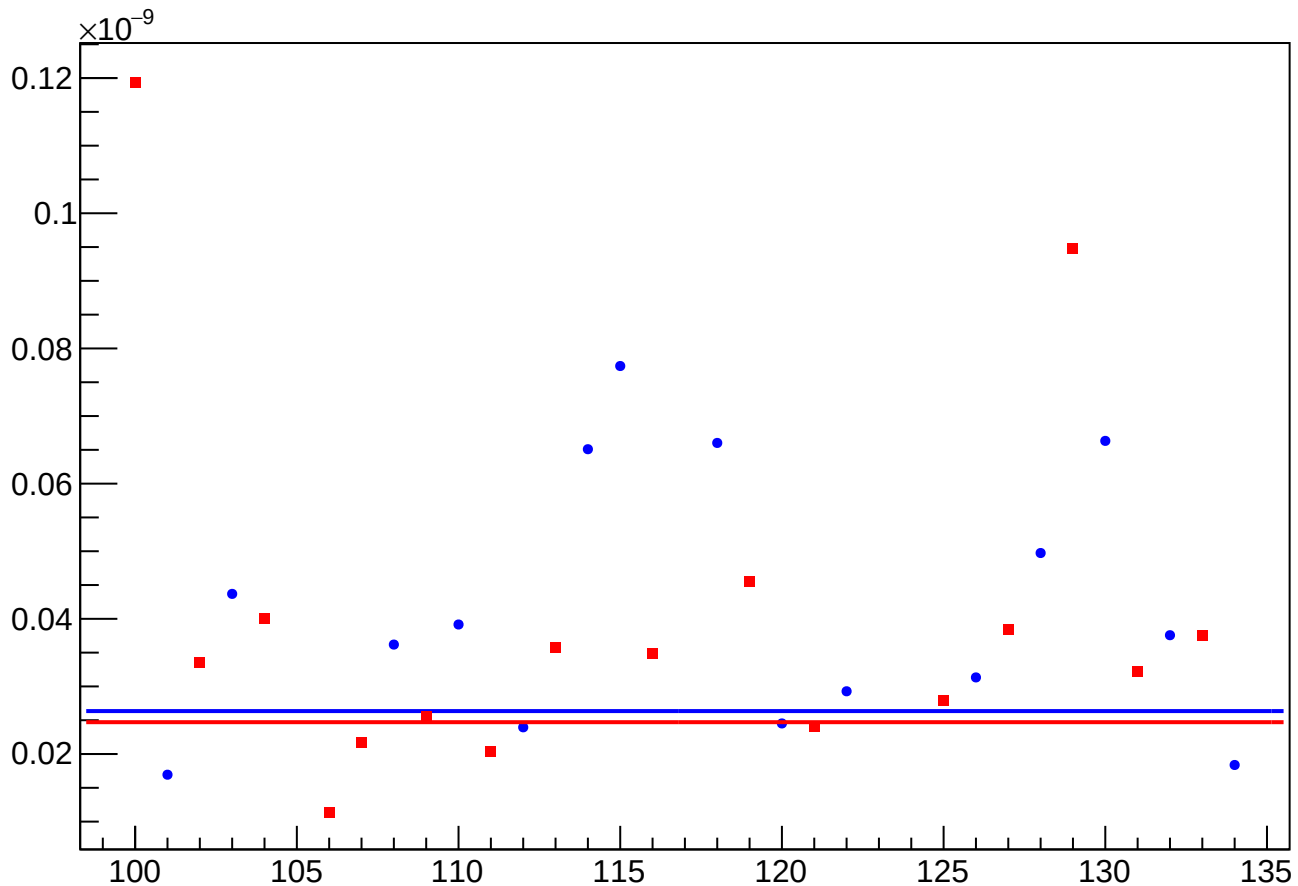
Right: -0.000+/-0.000 χ^2/NDF : 40.9/30

In: 0.000+/-0.000 χ^2/NDF : 17.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.9/30

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 874643.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 952146.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

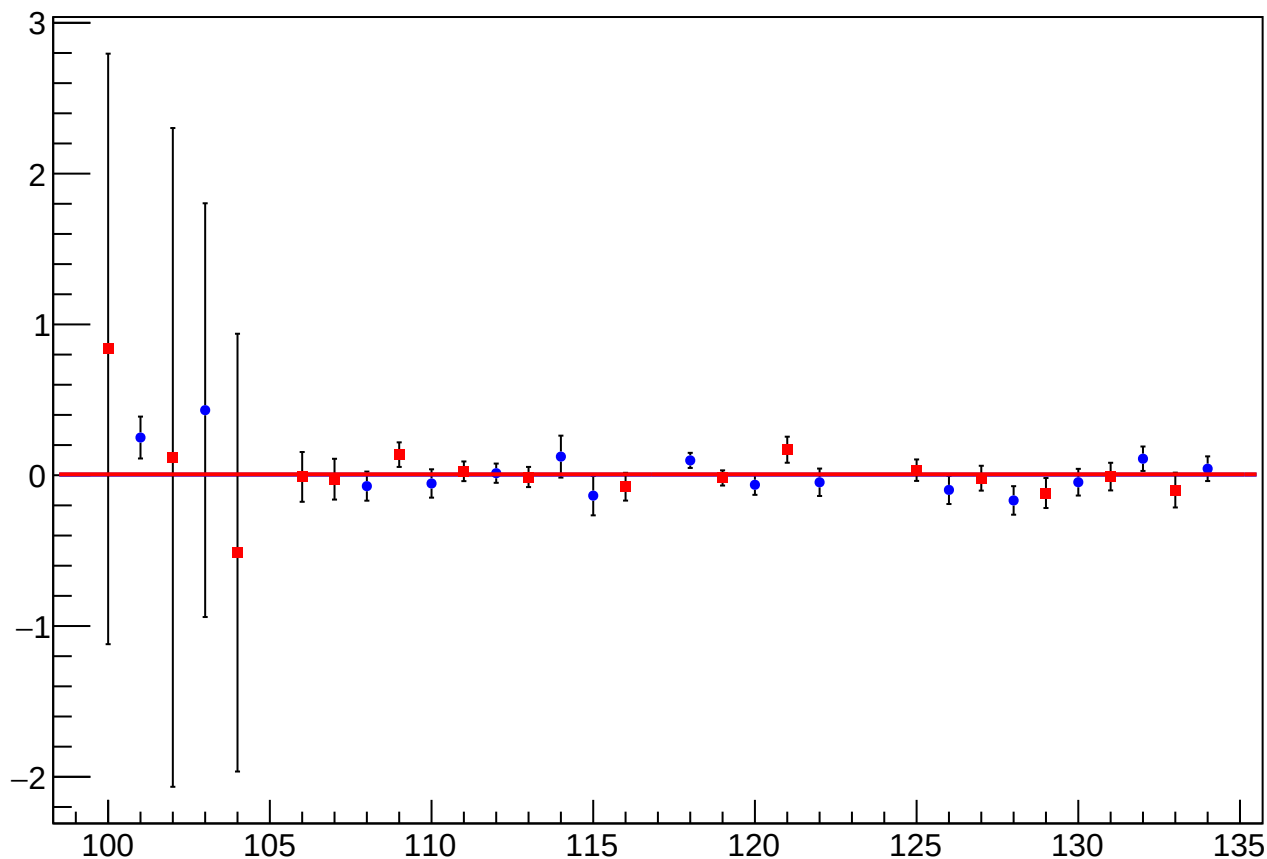
Right: 0.000+/-0.000 χ^2/NDF : 1835239.2/30

In: 0.000+/-0.000 χ^2/NDF : 874643.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1835239.2/30

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.022 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

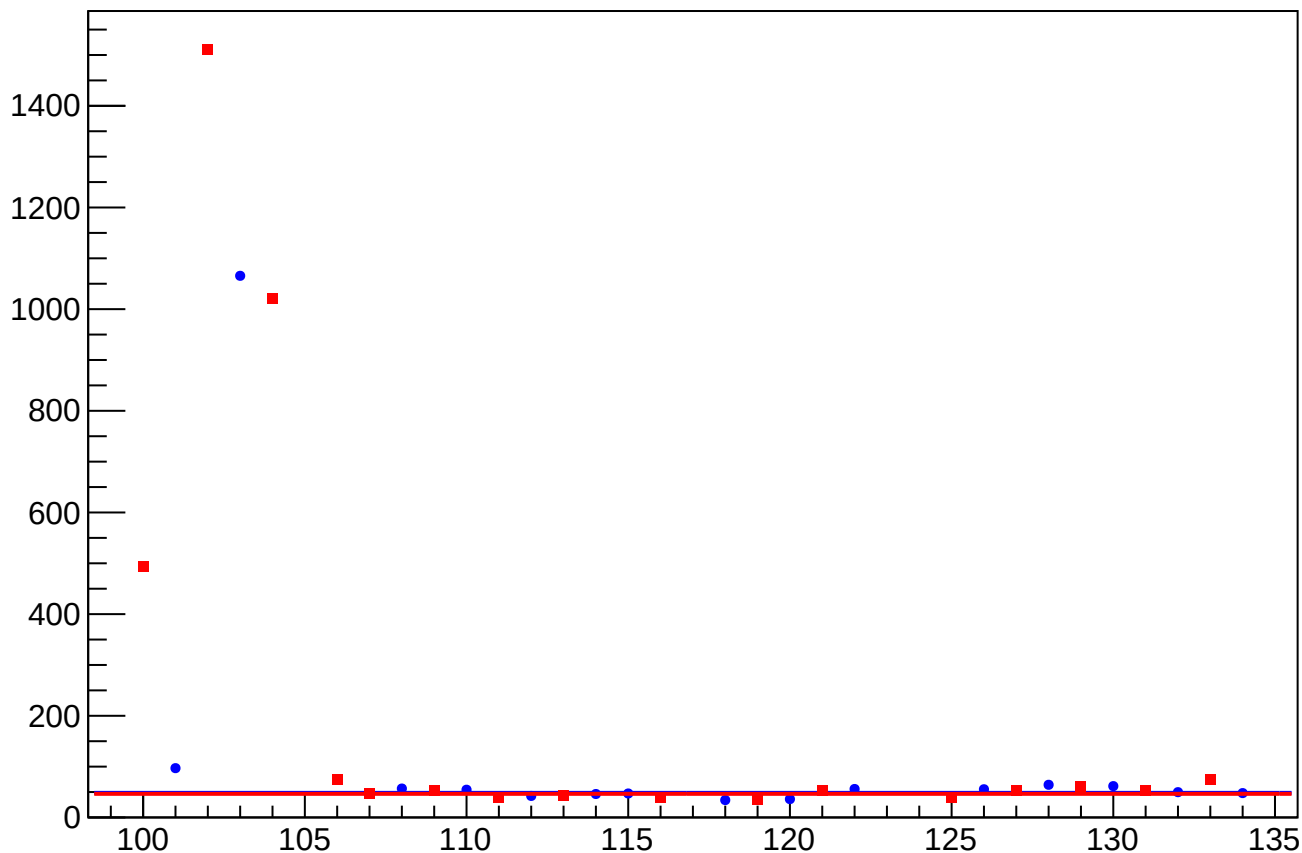
Right: 0.005+/-0.016 χ^2/NDF : 28.1/30

In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 28.1/30

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.362+/-0.016 χ^2 /NDF: 1741929.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 46.481+/-0.016 χ^2 /NDF: 2326315.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

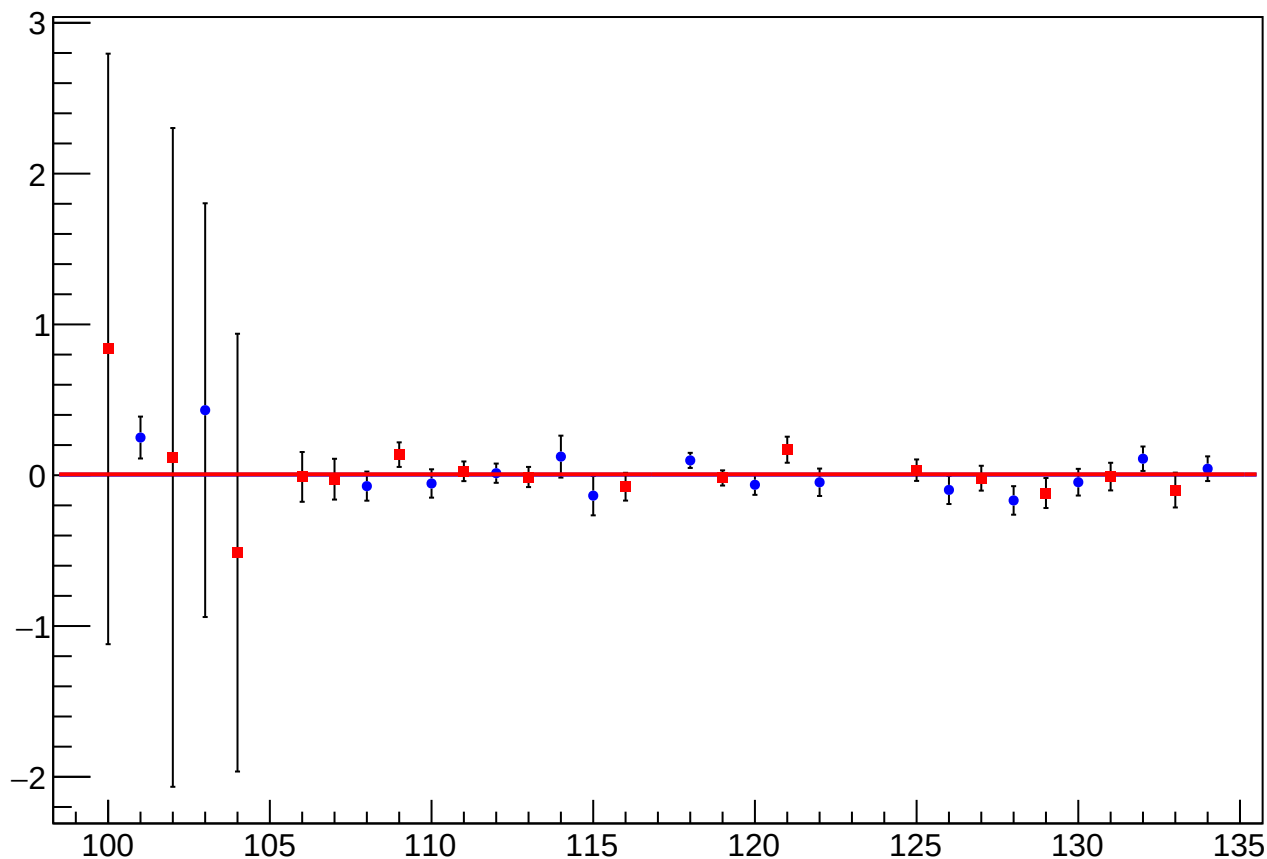
Right: 47.431+/-0.011 χ^2 /NDF: 4075352.3/30

In: 48.362+/-0.016 χ^2 /NDF:1741929.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 47.431+/-0.011 χ^2 /NDF: 4075352.3/30

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.022 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

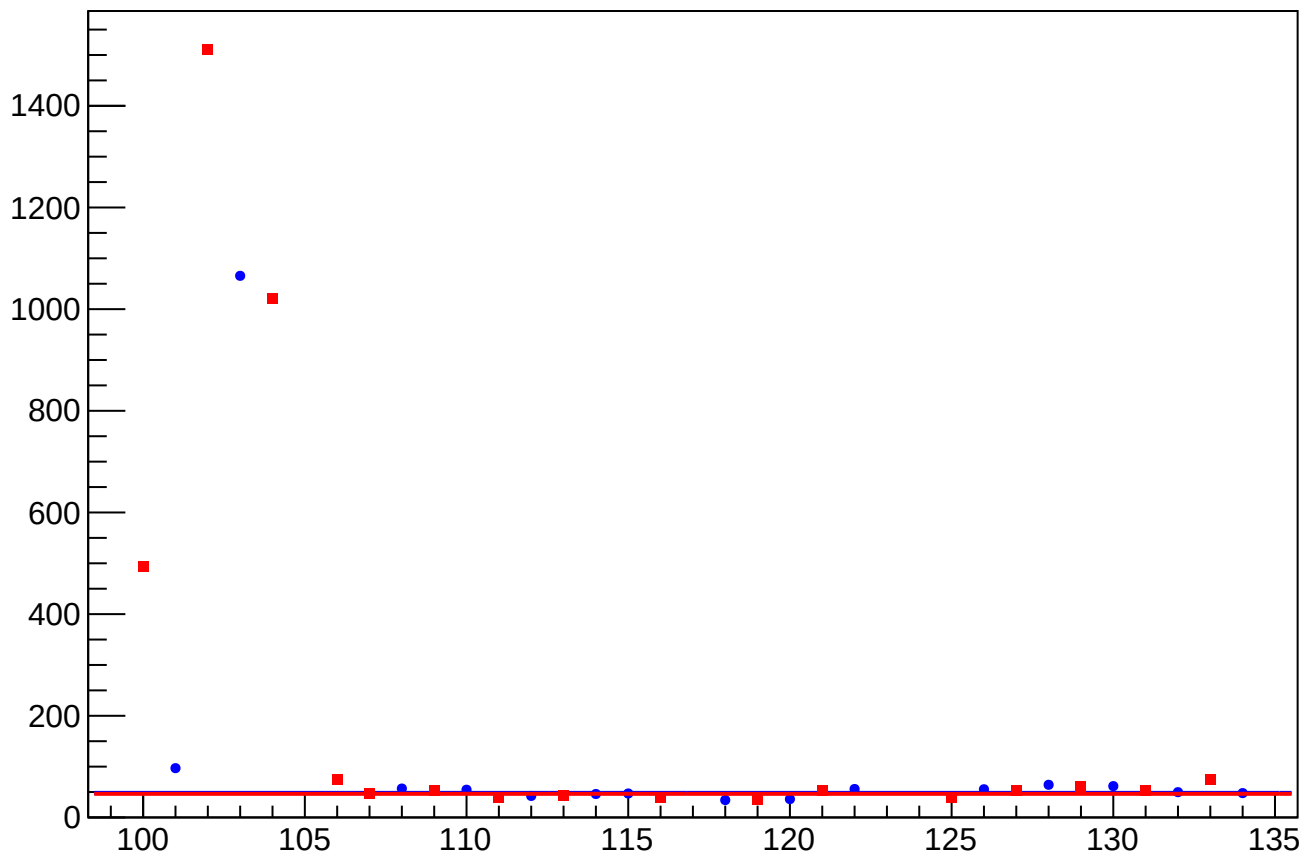
Right: 0.005+/-0.016 χ^2/NDF : 28.1/30

In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 28.1/30

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.362+/-0.016 χ^2/NDF : 1741929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.481+/-0.016 χ^2/NDF : 2326315.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

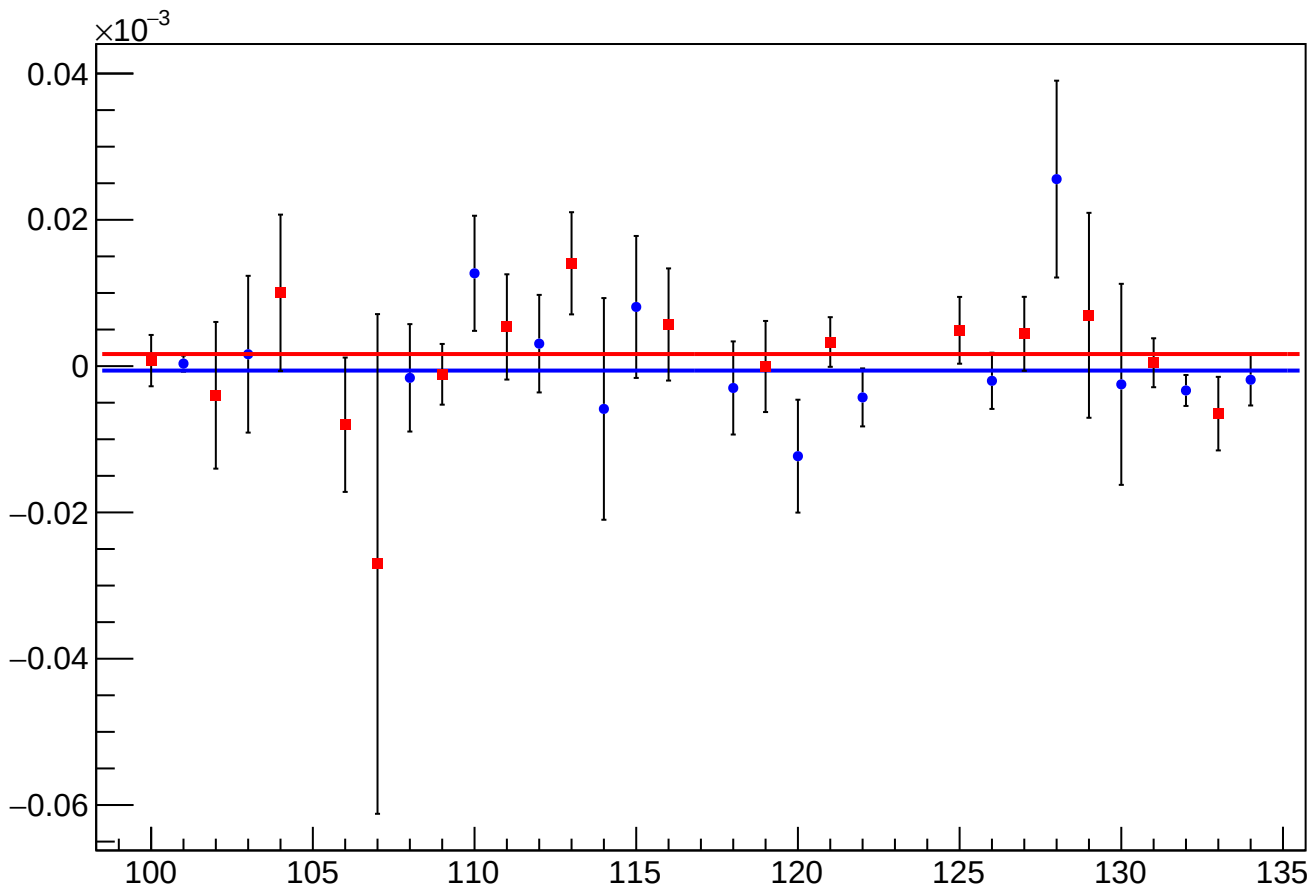
Right: 47.431+/-0.011 χ^2/NDF : 4075352.3/30

In: 48.362+/-0.016 χ^2/NDF : 1741929.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.431+/-0.011 χ^2/NDF : 4075352.3/30

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

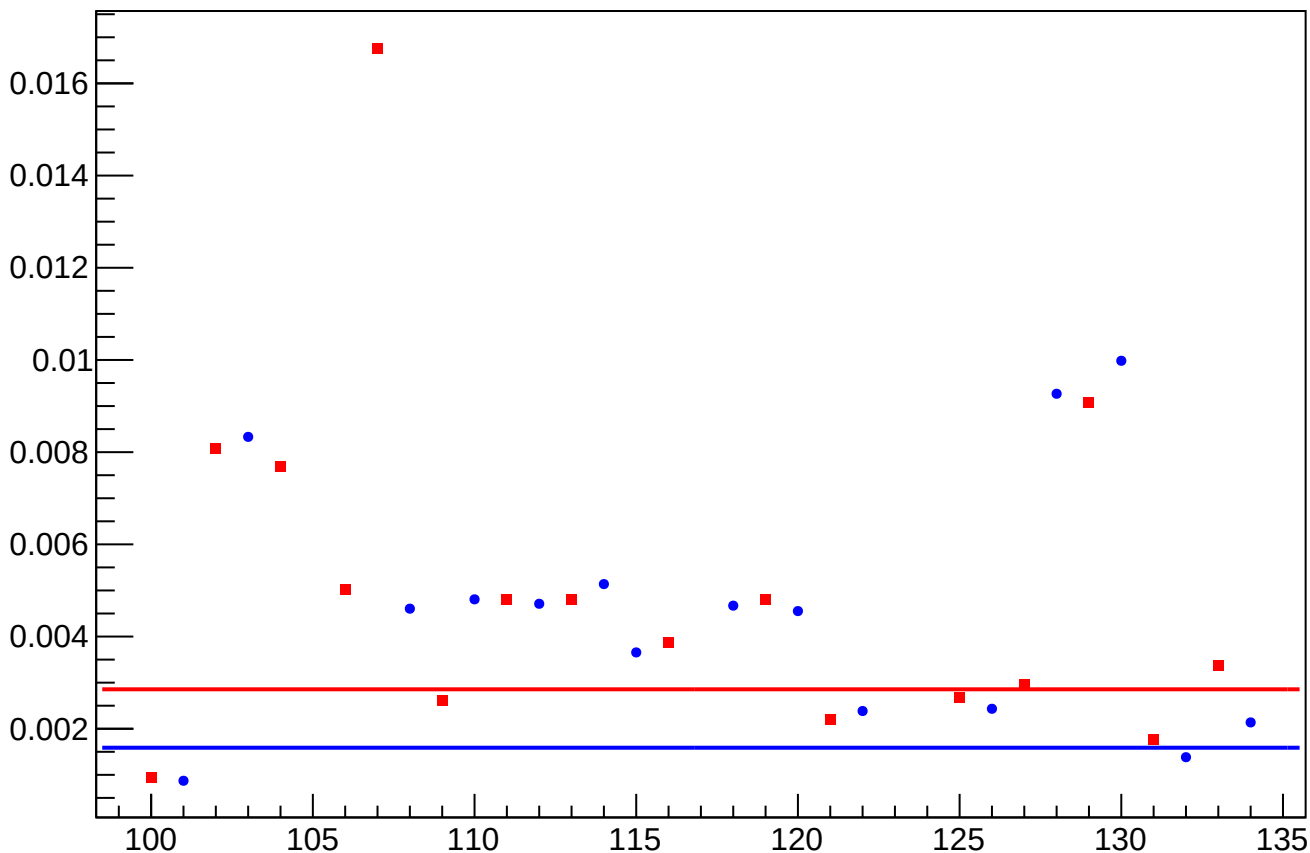
Right: 0.000+/-0.000 χ^2/NDF : 26.9/30

In: -0.000+/-0.000 χ^2/NDF : 13.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.9/30

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5360120.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3235782.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

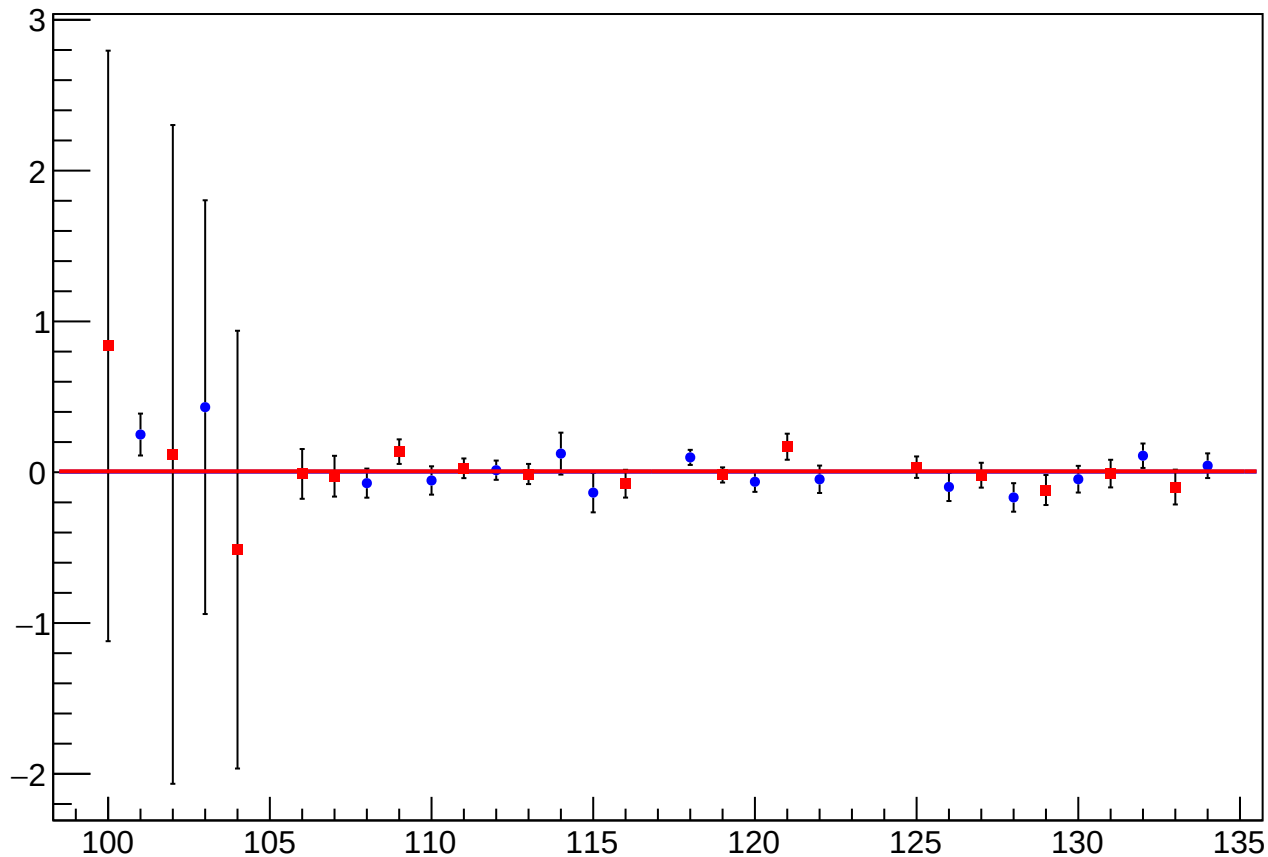
Right: 0.002+/-0.000 χ^2/NDF : 9881186.9/30

In: 0.002+/-0.000 χ^2/NDF :5360120.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9881186.9/30

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.022 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

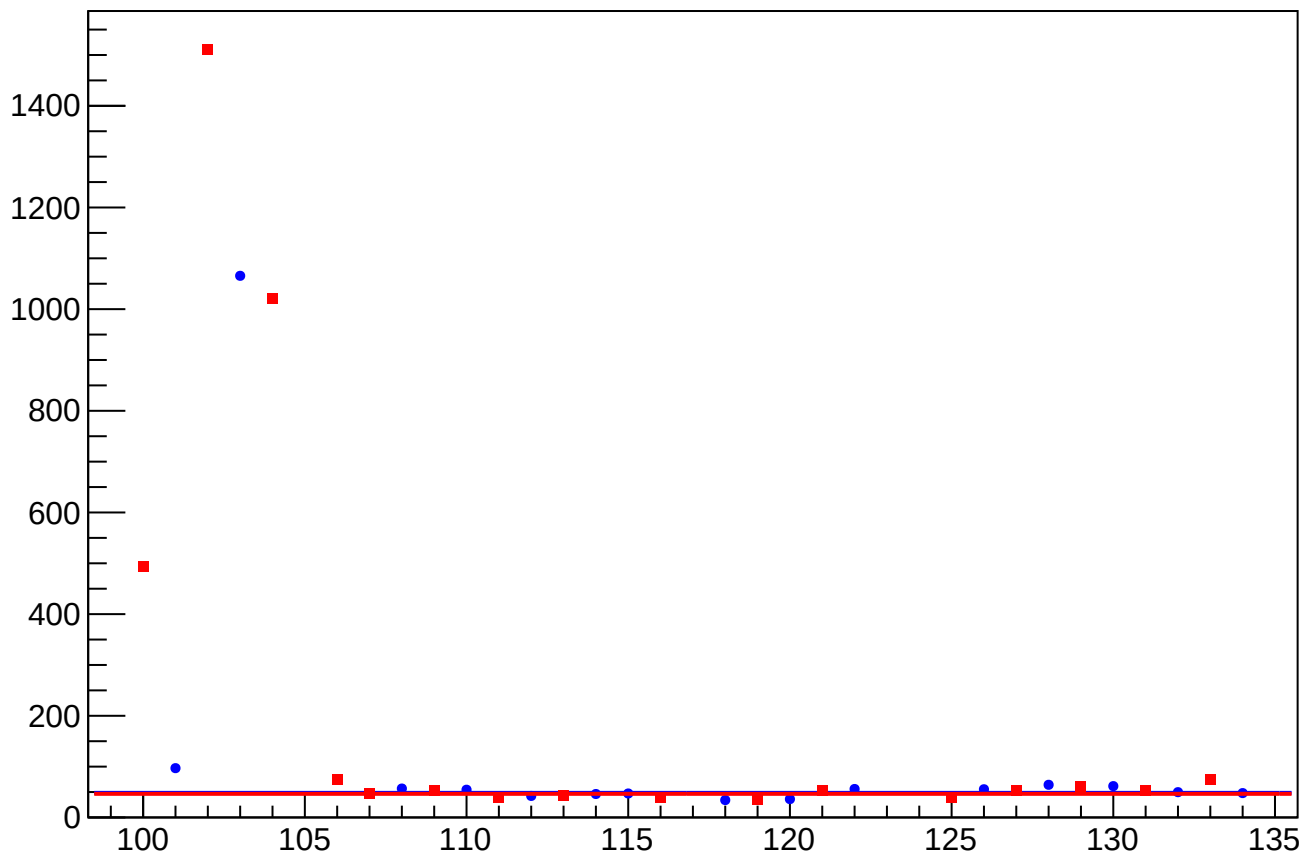
Right: 0.005+/-0.016 χ^2/NDF : 28.1/30

In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 28.1/30

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.362+/-0.016 χ^2/NDF : 1741860.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.480+/-0.016 χ^2/NDF : 2326344.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

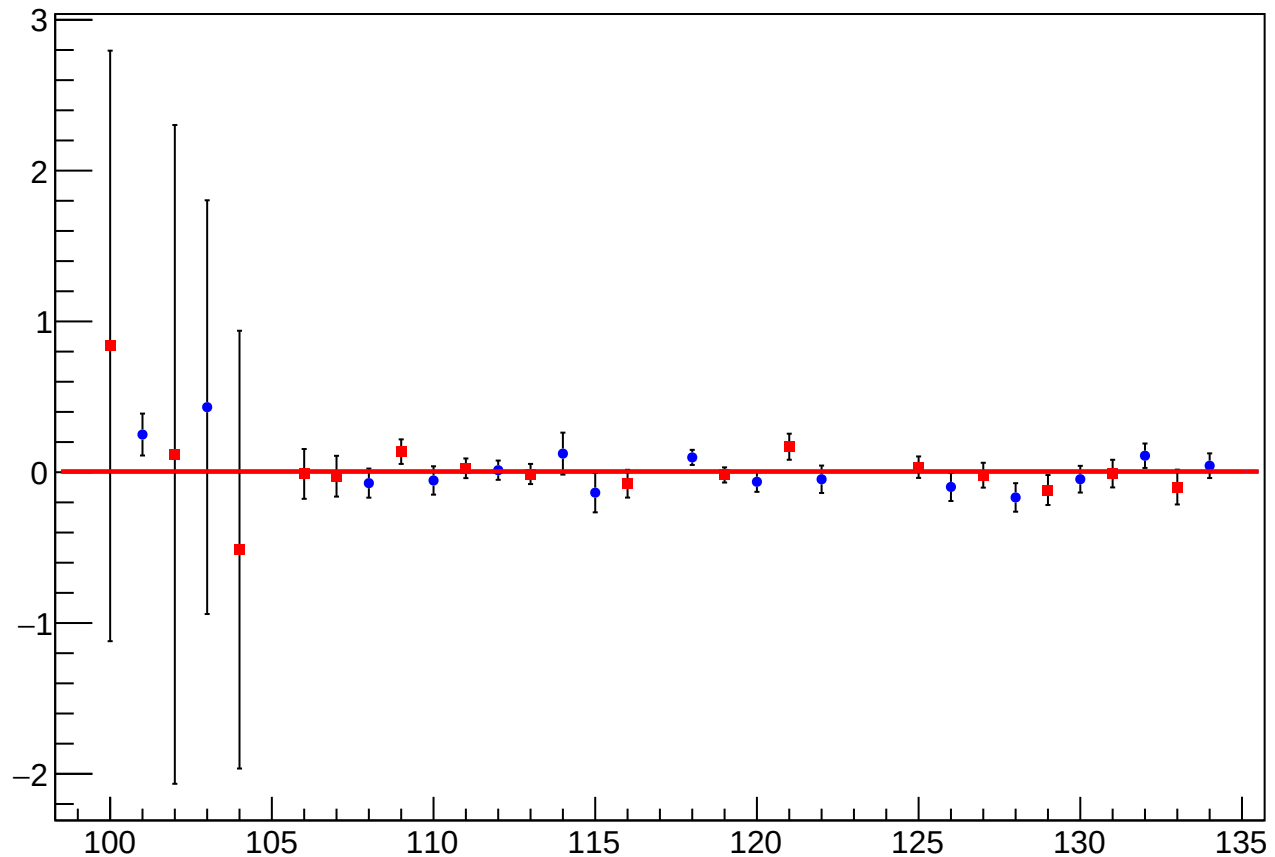
Right: 47.431+/-0.011 χ^2/NDF : 4075322.1/30

In: 48.362+/-0.016 χ^2/NDF : 1741860.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.431+/-0.011 χ^2/NDF : 4075322.1/30

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.022 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

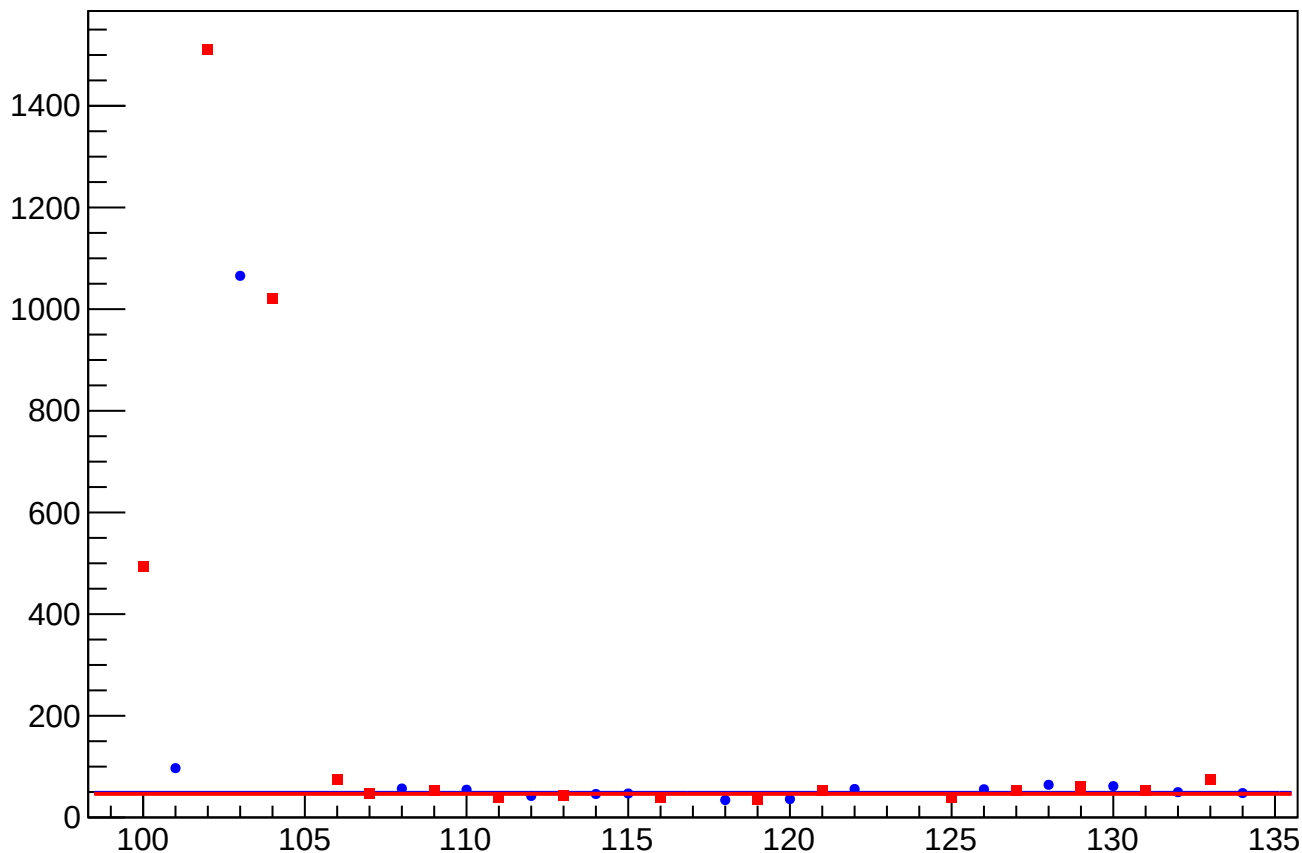
Right: 0.005+/-0.016 χ^2/NDF : 28.1/30

In: 0.004+/-0.022 χ^2/NDF : 17.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 28.1/30

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.362+/-0.016 χ^2/NDF : 1741860.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.480+/-0.016 χ^2/NDF : 2326344.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

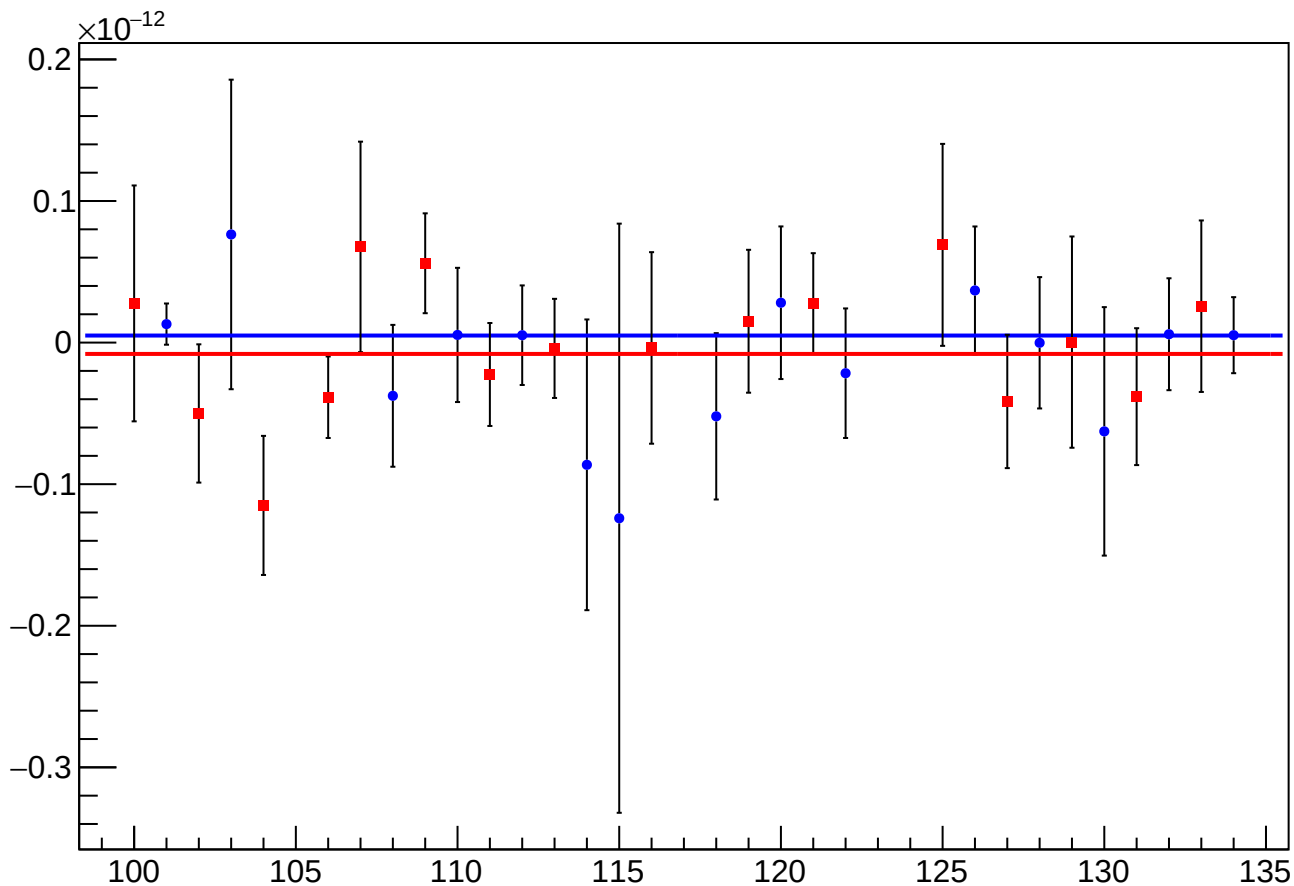
Right: 47.431+/-0.011 χ^2/NDF : 4075322.1/30

In: 48.362+/-0.016 χ^2/NDF : 1741860.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.431+/-0.011 χ^2/NDF : 4075322.1/30

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

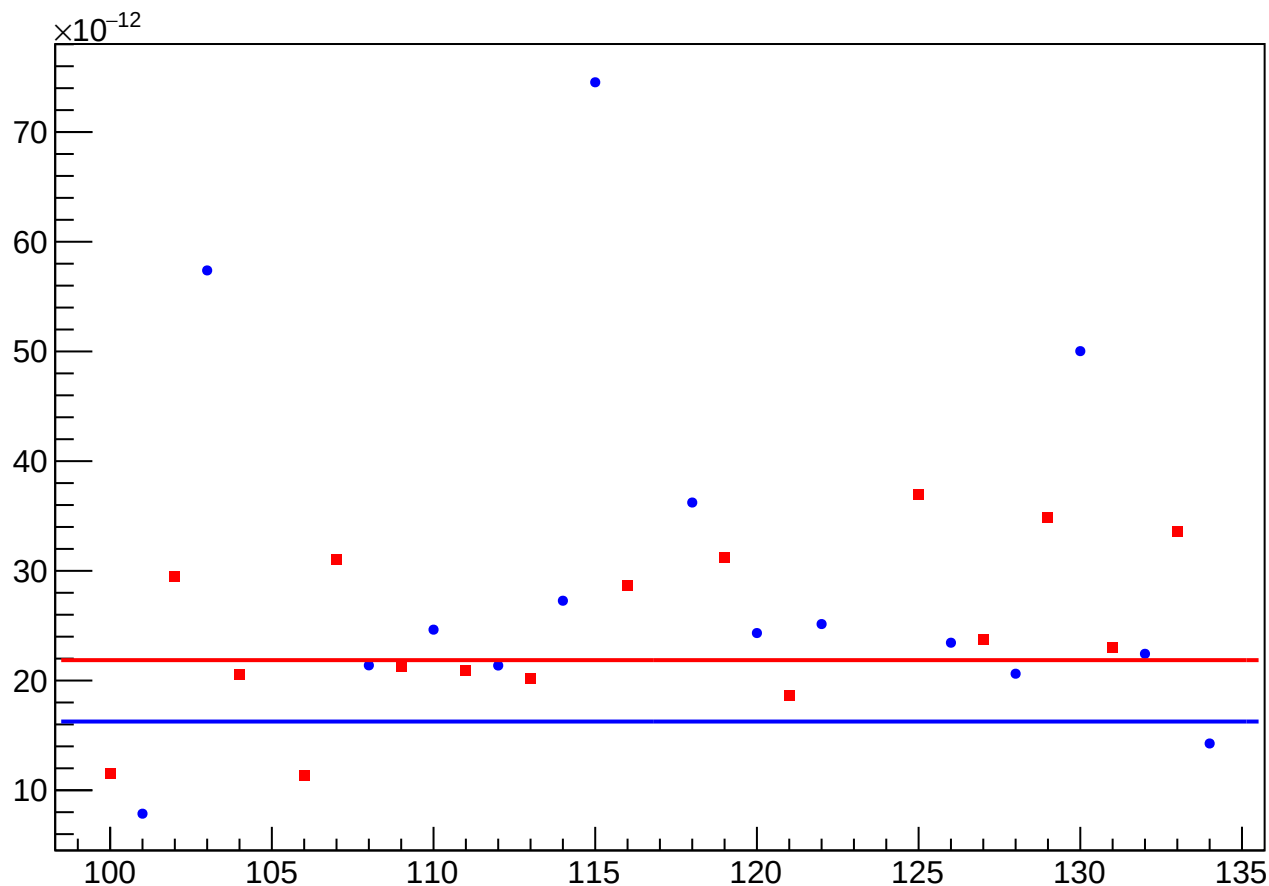
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/30

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/30

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 : 2030111.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 719335.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

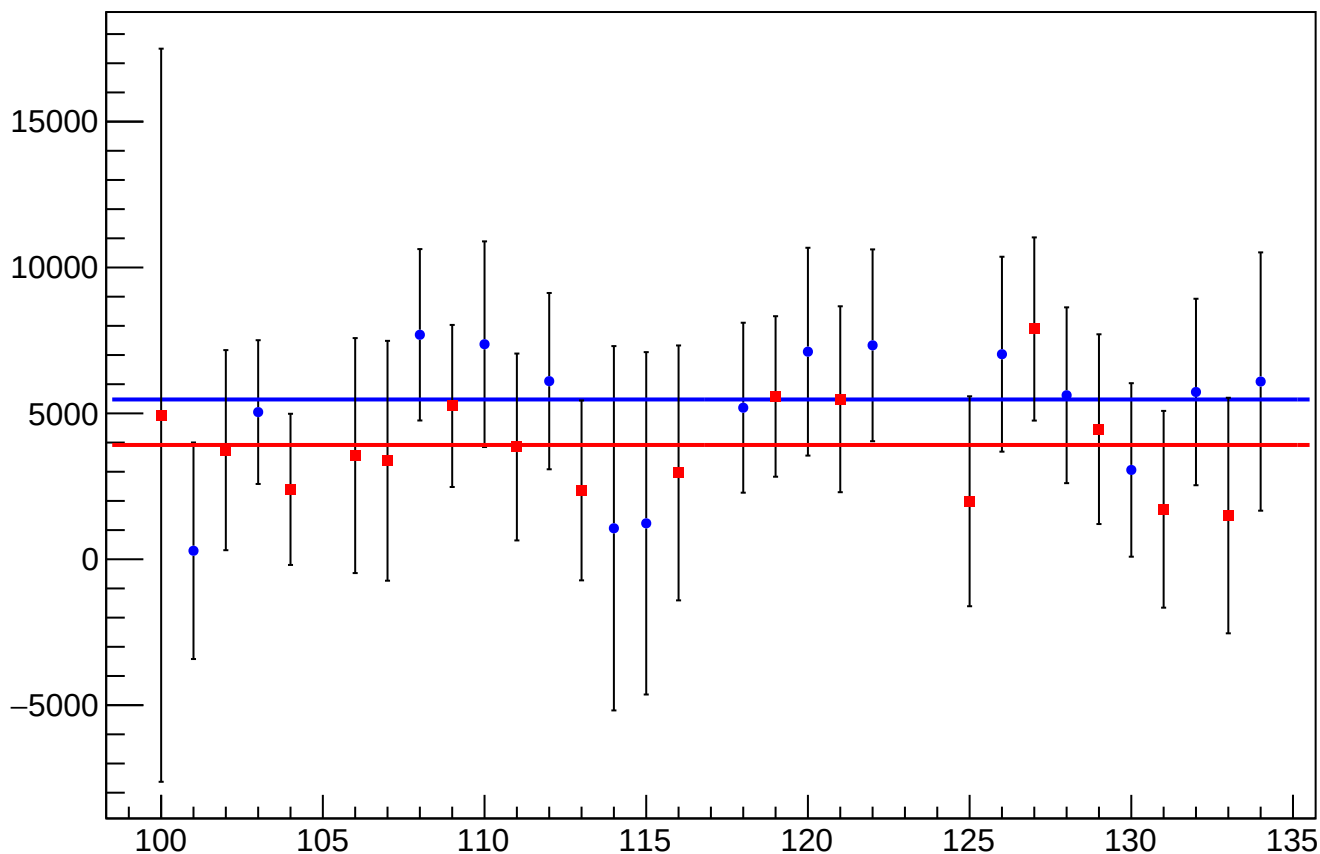
Right: 0.000+/-0.000 χ^2/NDF : 3030583.1/30

In: 0.000+/-0.000 χ^2/NDF : 2030111.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3030583.1/30

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5476.894 $\pm$ 860.919 χ^2 /NDF: 5.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3917.611 $\pm$ 845.374 χ^2 /NDF: 4.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

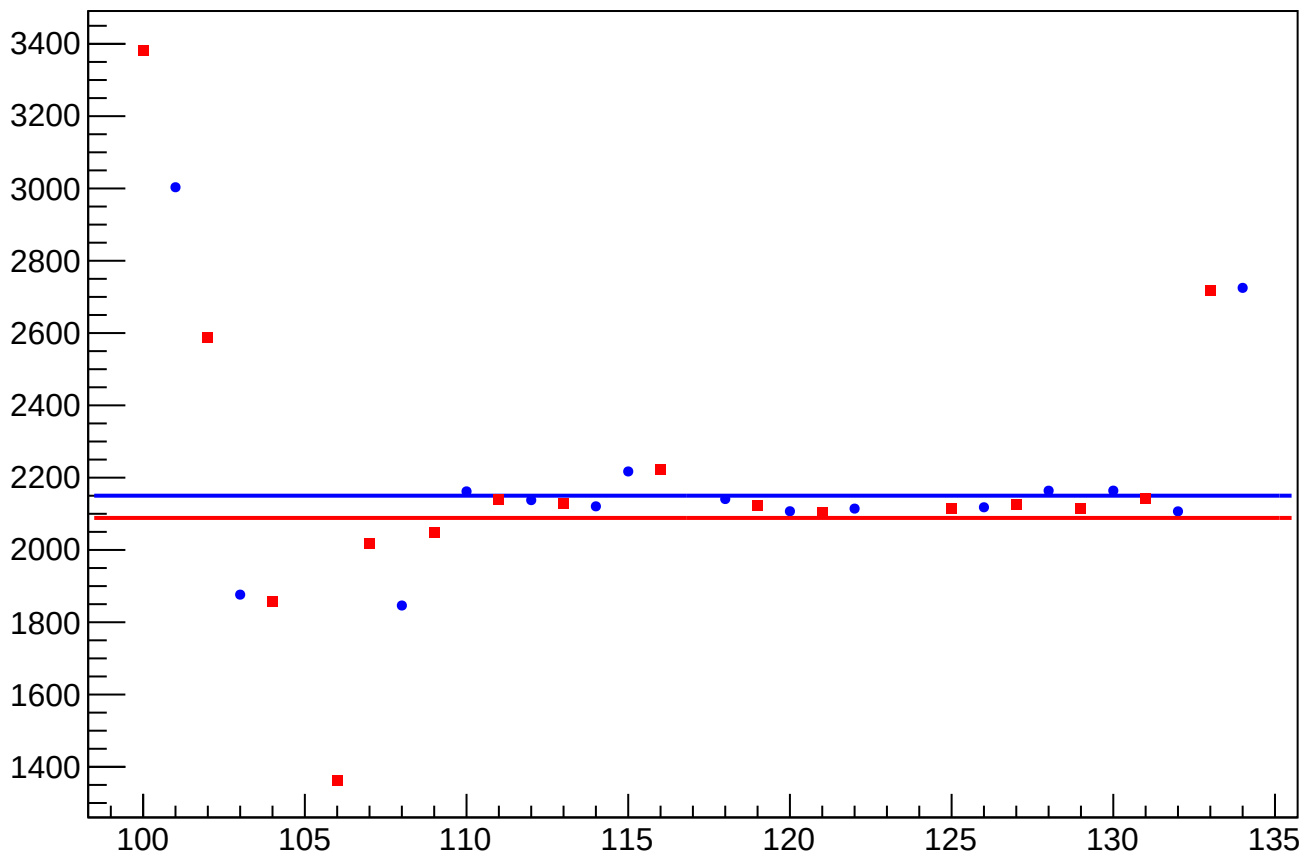
Right: 4683.048 $\pm$ 603.191 χ^2 /NDF: 11.2/30

In: 5476.894 $\pm$ 860.919 χ^2 /NDF:5.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4683.048 $\pm$ 603.191 χ^2 /NDF: 11.2/30

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2150.115+/-0.609 χ^2/NDF : 187113.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2088.578+/-0.587 χ^2/NDF : 250424.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

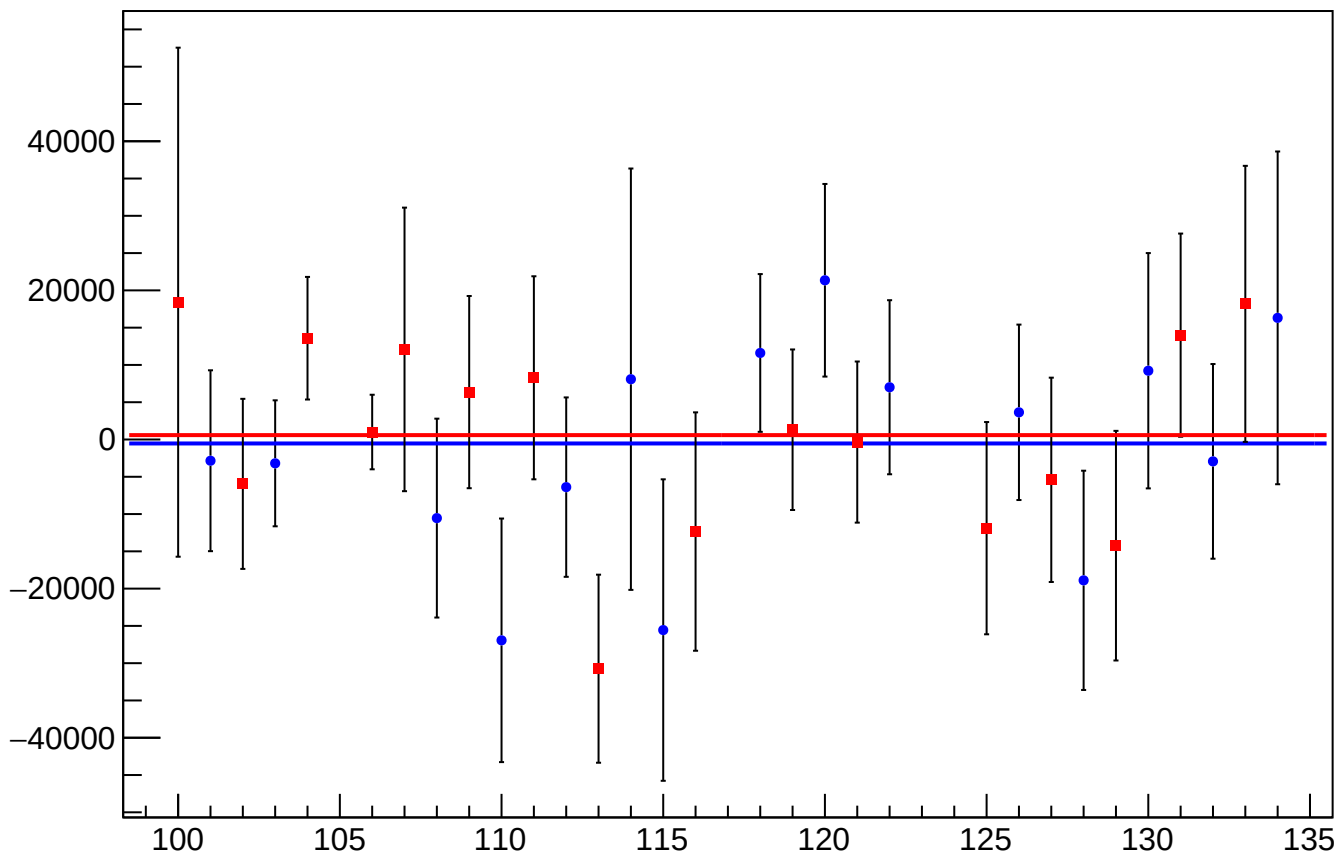
Right: 2118.249+/-0.423 χ^2/NDF : 442830.0/30

In: 2150.115+/-0.609 χ^2/NDF : 187113.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.249+/-0.423 χ^2/NDF : 442830.0/30

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -532.247+/-3394.255 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.517+/-2798.382 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

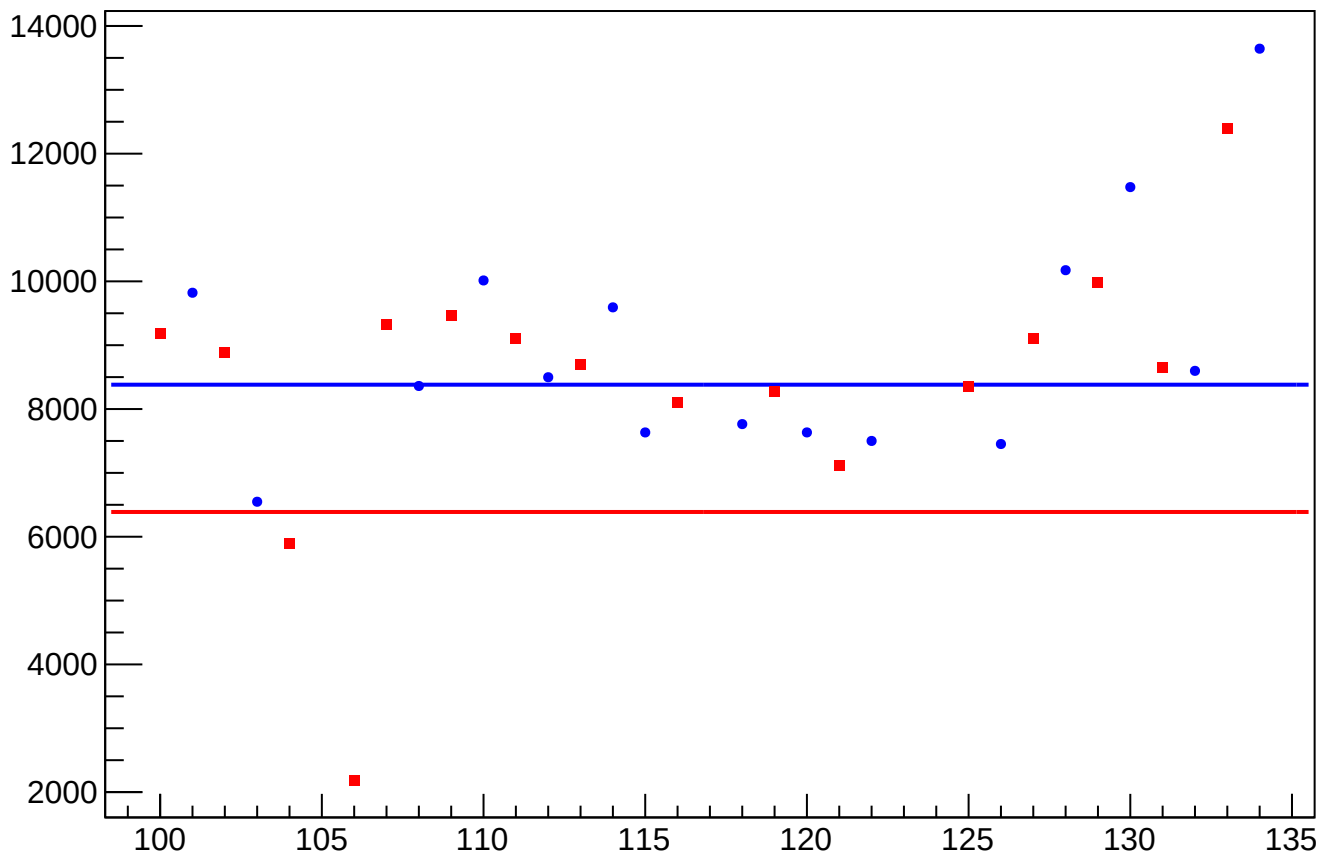
Right: 134.393+/-2159.183 χ^2/NDF : 27.1/30

In: -532.247+/-3394.255 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.393+/-2159.183 χ^2/NDF : 27.1/30

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8381.348+/-2.400 χ^2/NDF : 404850.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6387.738+/-1.979 χ^2/NDF : 2425388.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

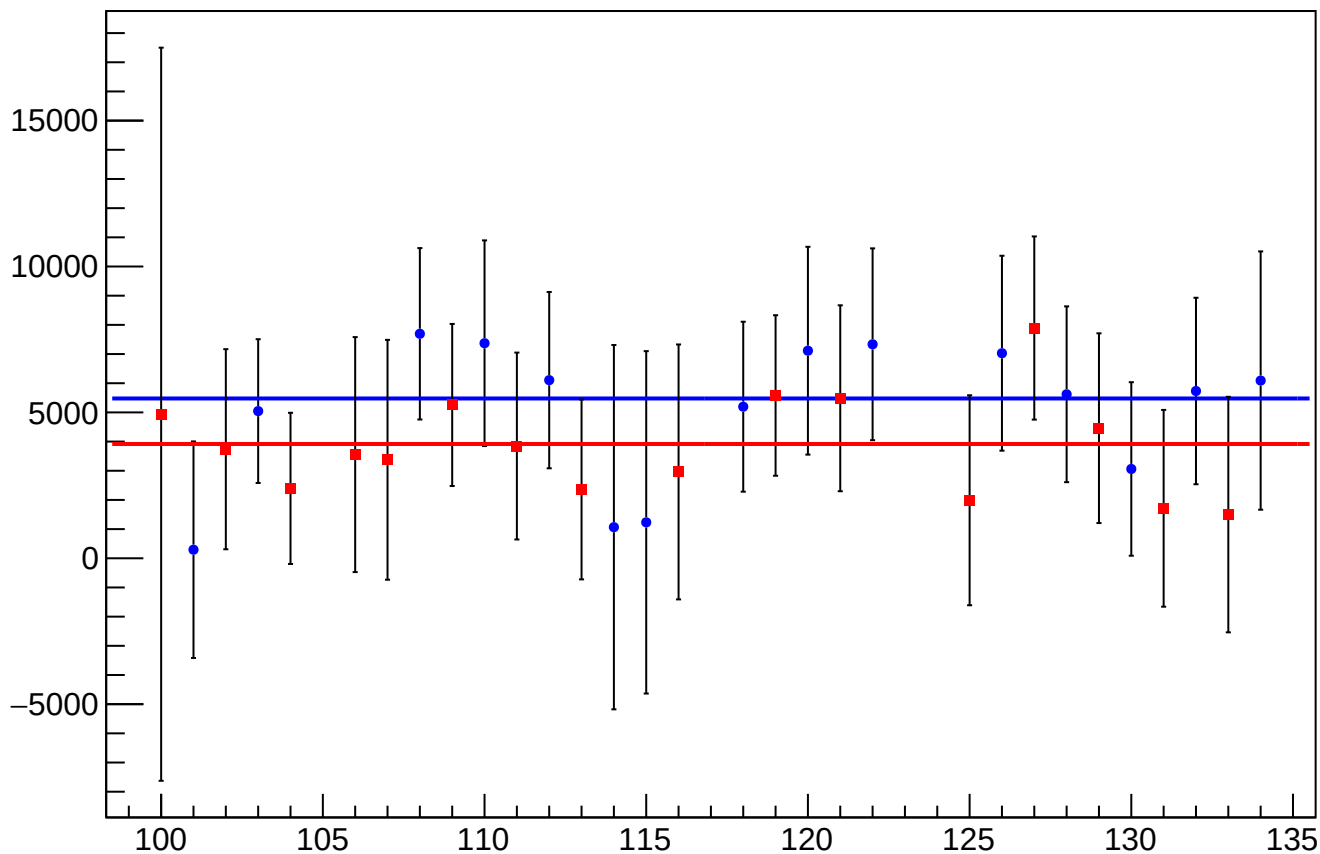
Right: 7194.472+/-1.527 χ^2/NDF : 3240997.5/30

In: 8381.348+/-2.400 χ^2/NDF : 404850.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7194.472+/-1.527 χ^2/NDF : 3240997.5/30

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5477.094 $\pm$ 860.919 χ^2 /NDF: 5.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3917.304 $\pm$ 845.374 χ^2 /NDF: 4.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

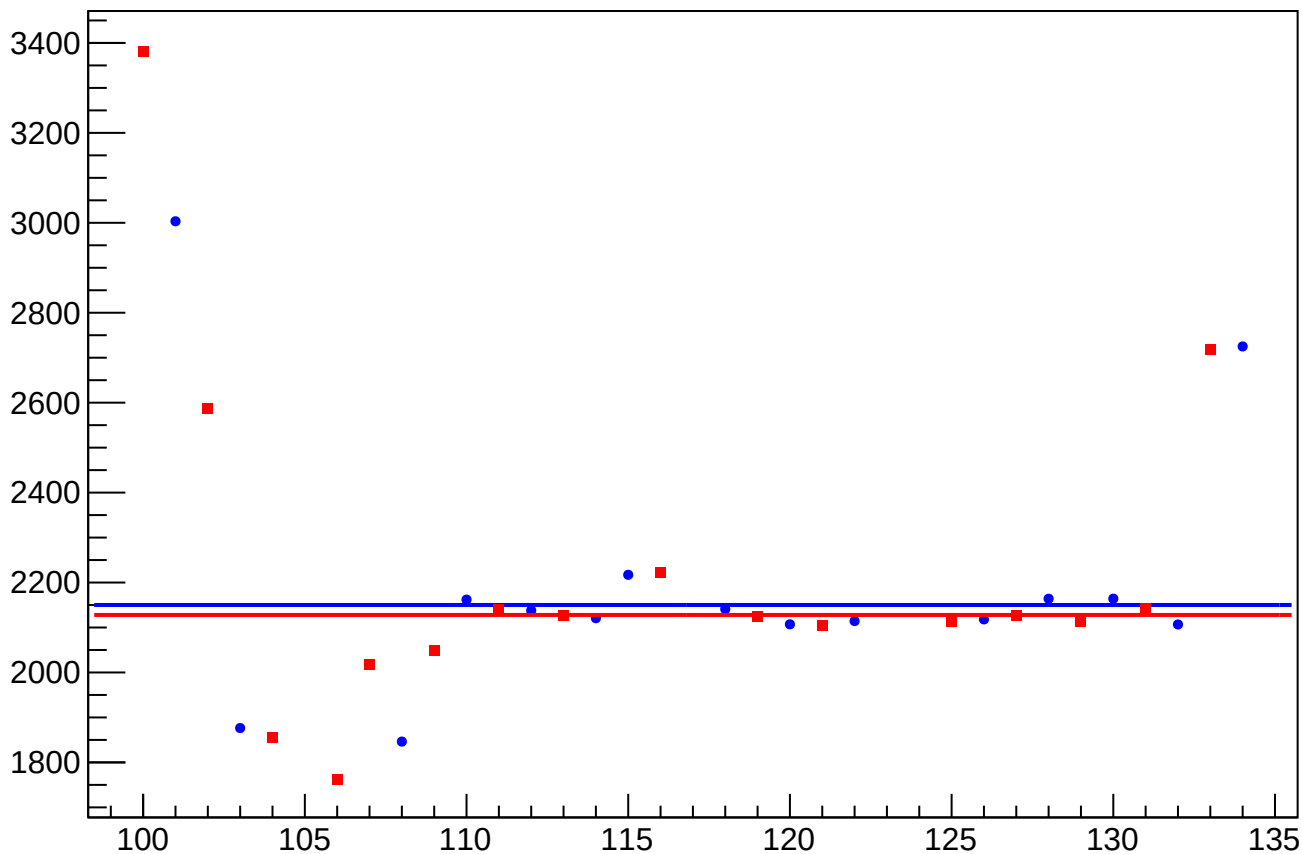
Right: 4682.990 $\pm$ 603.191 χ^2 /NDF: 11.2/30

In: 5477.094 $\pm$ 860.919 χ^2 /NDF:5.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4682.990 $\pm$ 603.191 χ^2 /NDF: 11.2/30

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2150.115+/-0.609 χ^2/NDF : 187114.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.889+/-0.595 χ^2/NDF : 145385.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

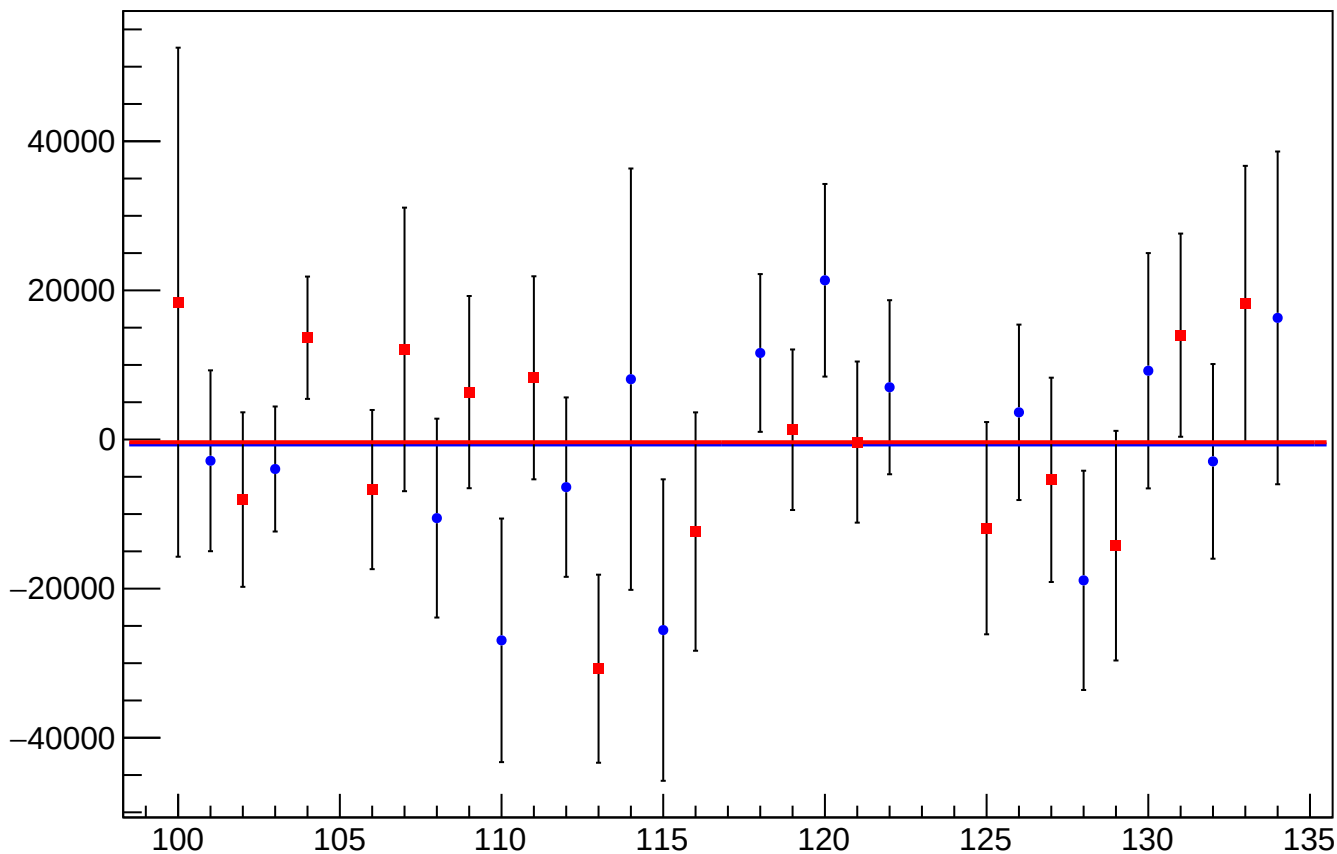
Right: 2138.739+/-0.425 χ^2/NDF : 333182.0/30

In: 2150.115+/-0.609 χ^2/NDF : 187114.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2138.739+/-0.425 χ^2/NDF : 333182.0/30

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -663.738 $\pm$ 3390.046 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -365.586 $\pm$ 3224.866 χ^2 /NDF: 15.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

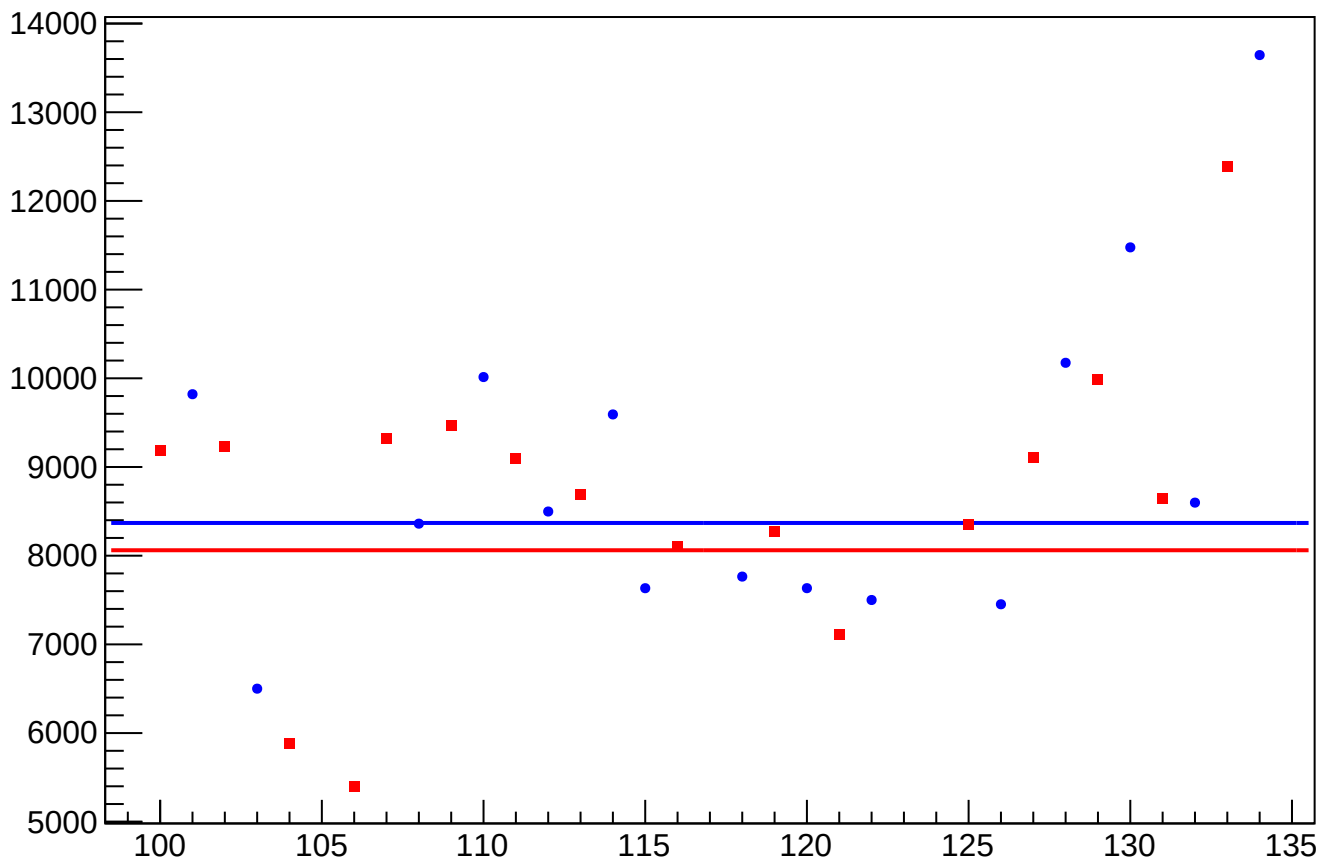
Right: -507.222 $\pm$ 2336.538 χ^2 /NDF: 27.7/30

In: -663.738 $\pm$ 3390.046 χ^2 /NDF:12.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -507.222 $\pm$ 2336.538 χ^2 /NDF: 27.7/30

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8369.040+/-2.397 χ^2/NDF : 411242.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8061.340+/-2.280 χ^2/NDF : 510001.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

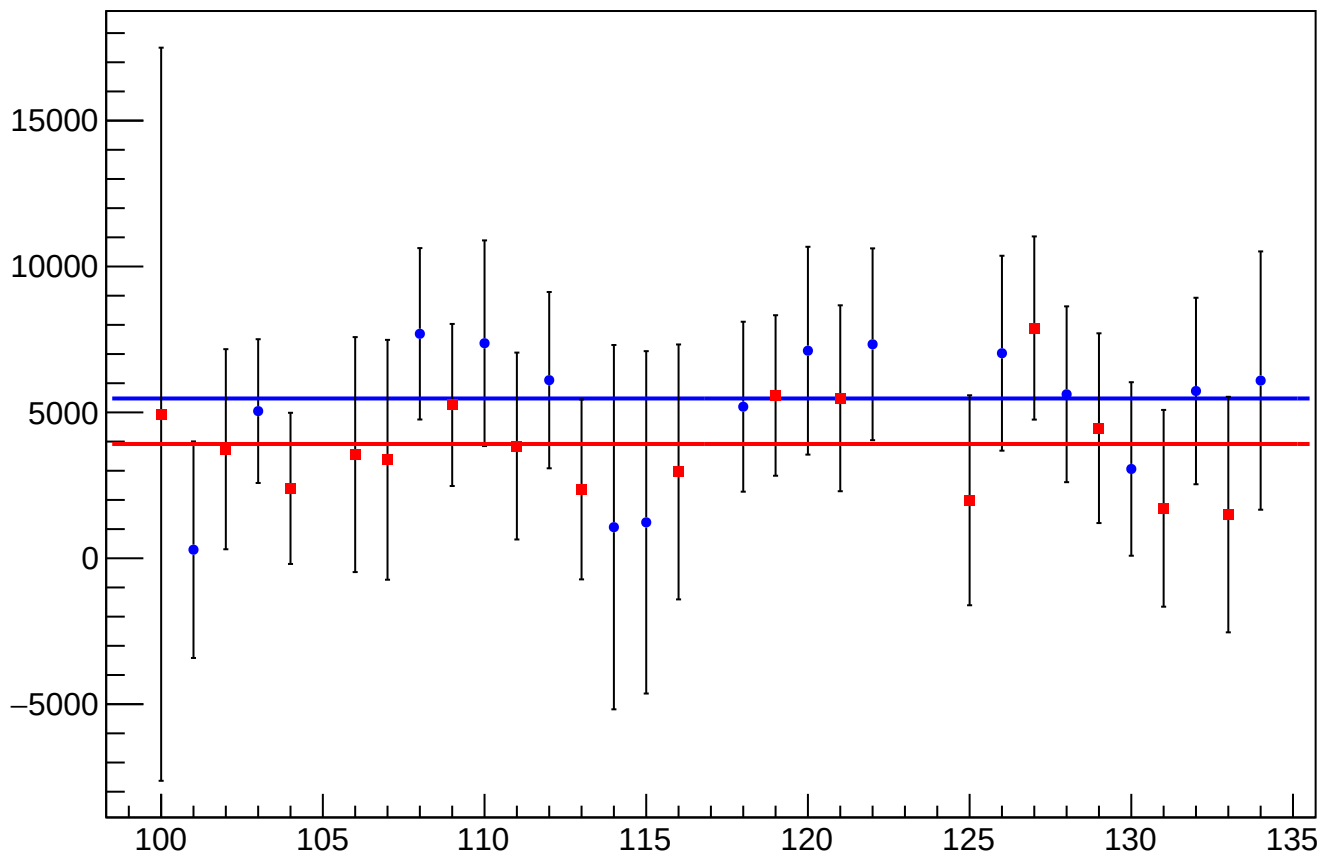
Right: 8207.511+/-1.652 χ^2/NDF : 929893.6/30

In: 8369.040+/-2.397 χ^2/NDF :411242.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8207.511+/-1.652 χ^2/NDF : 929893.6/30

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5477.094 $\pm$ 860.919 χ^2 /NDF: 5.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3917.304 $\pm$ 845.374 χ^2 /NDF: 4.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

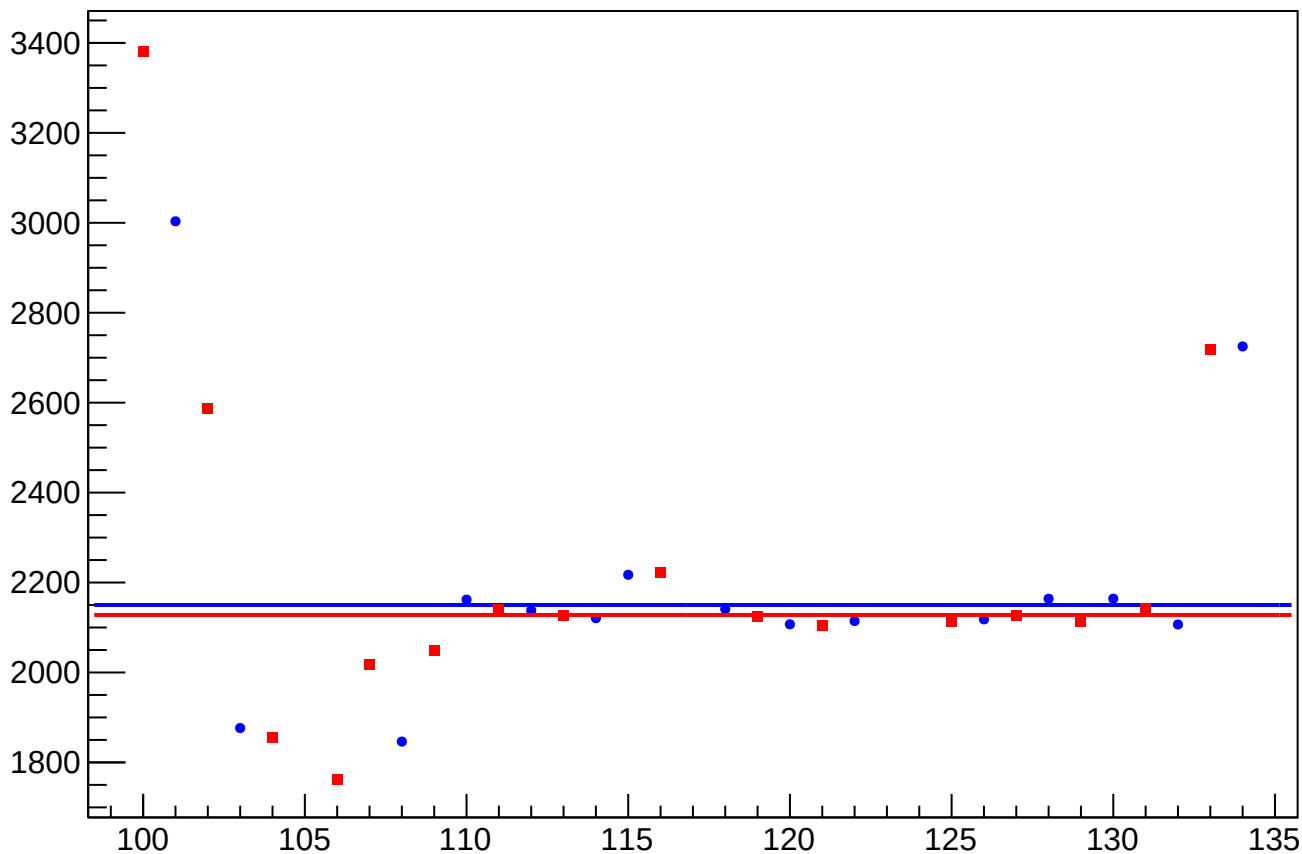
Right: 4682.990 $\pm$ 603.191 χ^2 /NDF: 11.2/30

In: 5477.094 $\pm$ 860.919 χ^2 /NDF:5.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4682.990 $\pm$ 603.191 χ^2 /NDF: 11.2/30

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2150.115+/-0.609 χ^2/NDF : 187114.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.889+/-0.595 χ^2/NDF : 145385.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

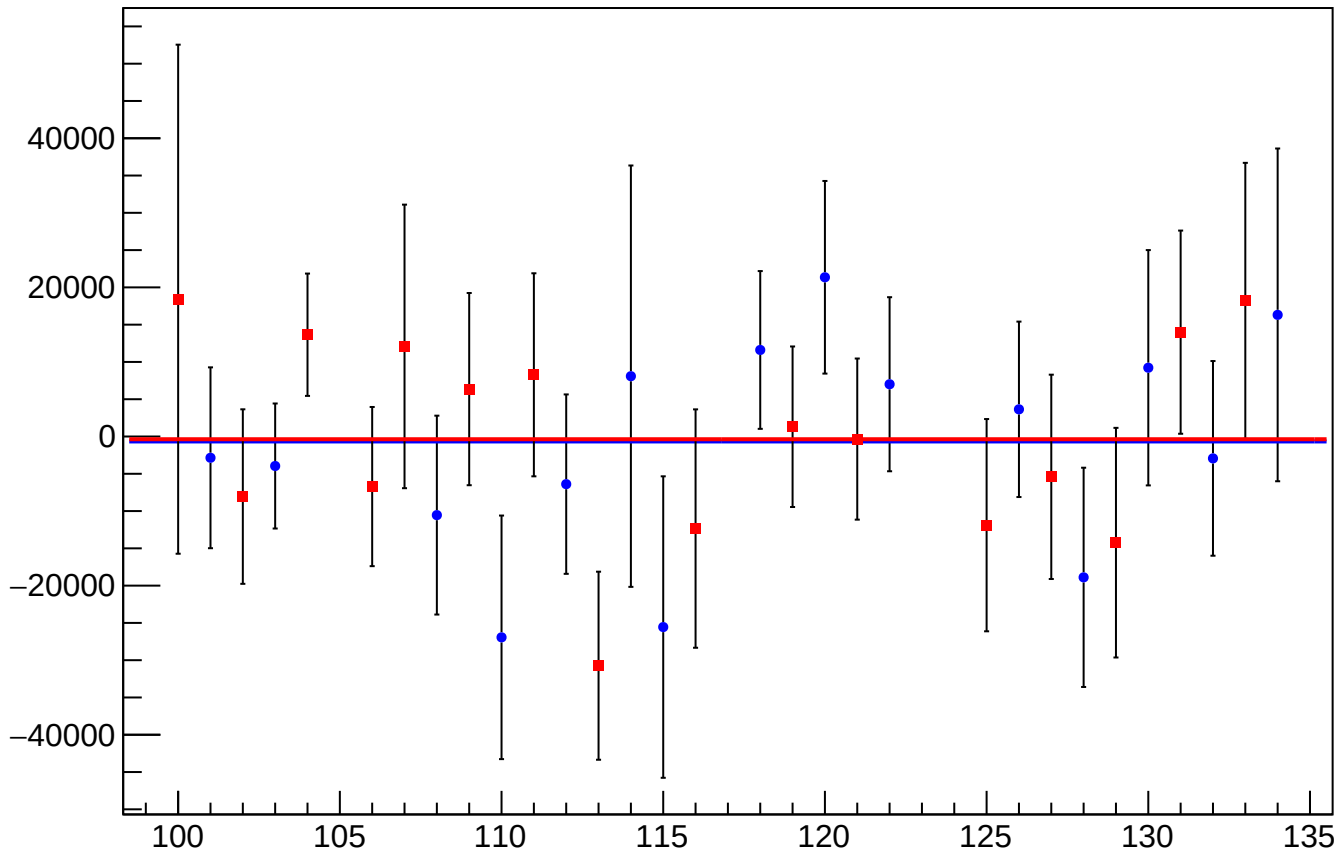
Right: 2138.739+/-0.425 χ^2/NDF : 333182.0/30

In: 2150.115+/-0.609 χ^2/NDF : 187114.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2138.739+/-0.425 χ^2/NDF : 333182.0/30

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -663.738+/-3390.046 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -365.586+/-3224.866 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

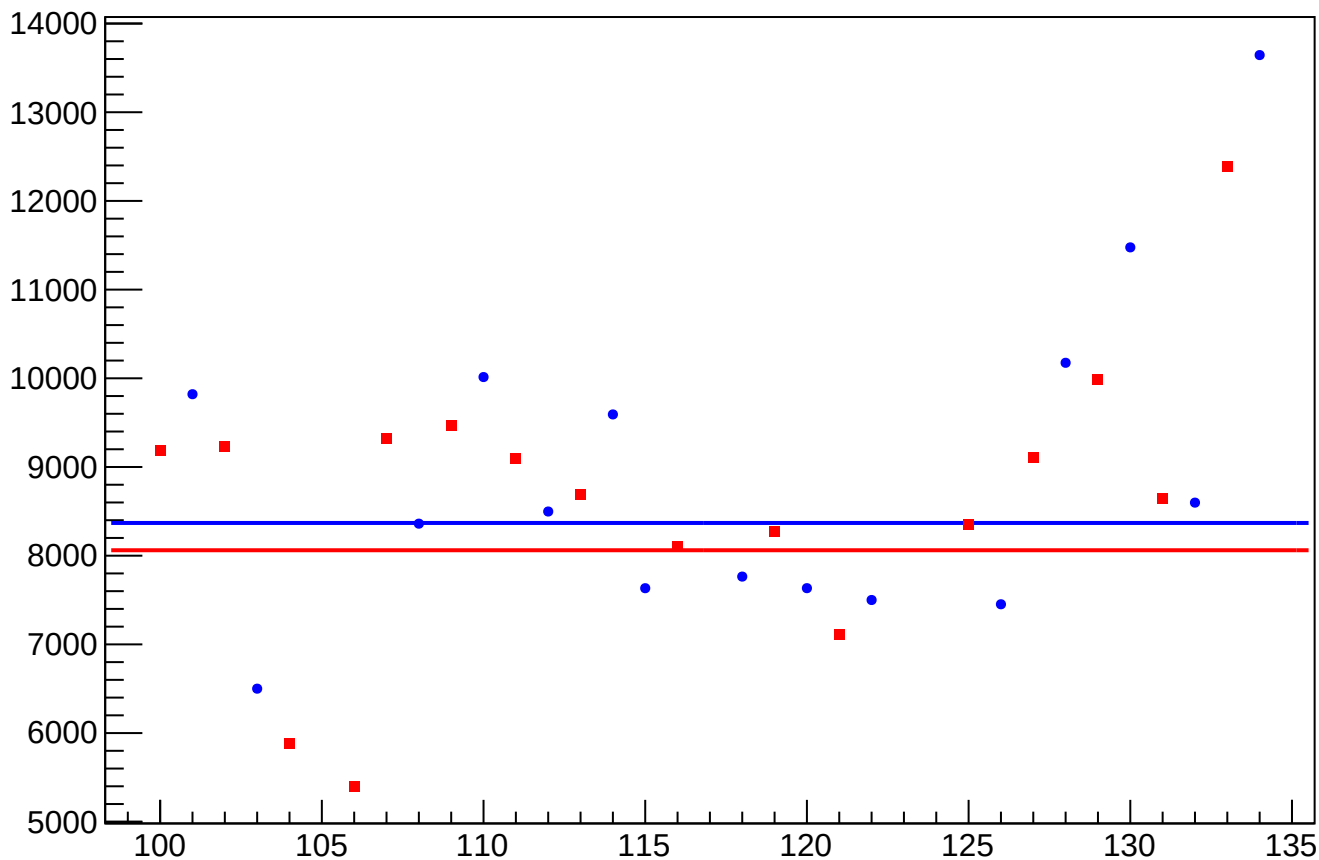
Right: -507.222+/-2336.538 χ^2/NDF : 27.7/30

In: -663.738+/-3390.046 χ^2/NDF : 12.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.222+/-2336.538 χ^2/NDF : 27.7/30

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8369.040+/-2.397 χ^2/NDF : 411242.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8061.340+/-2.280 χ^2/NDF : 510001.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

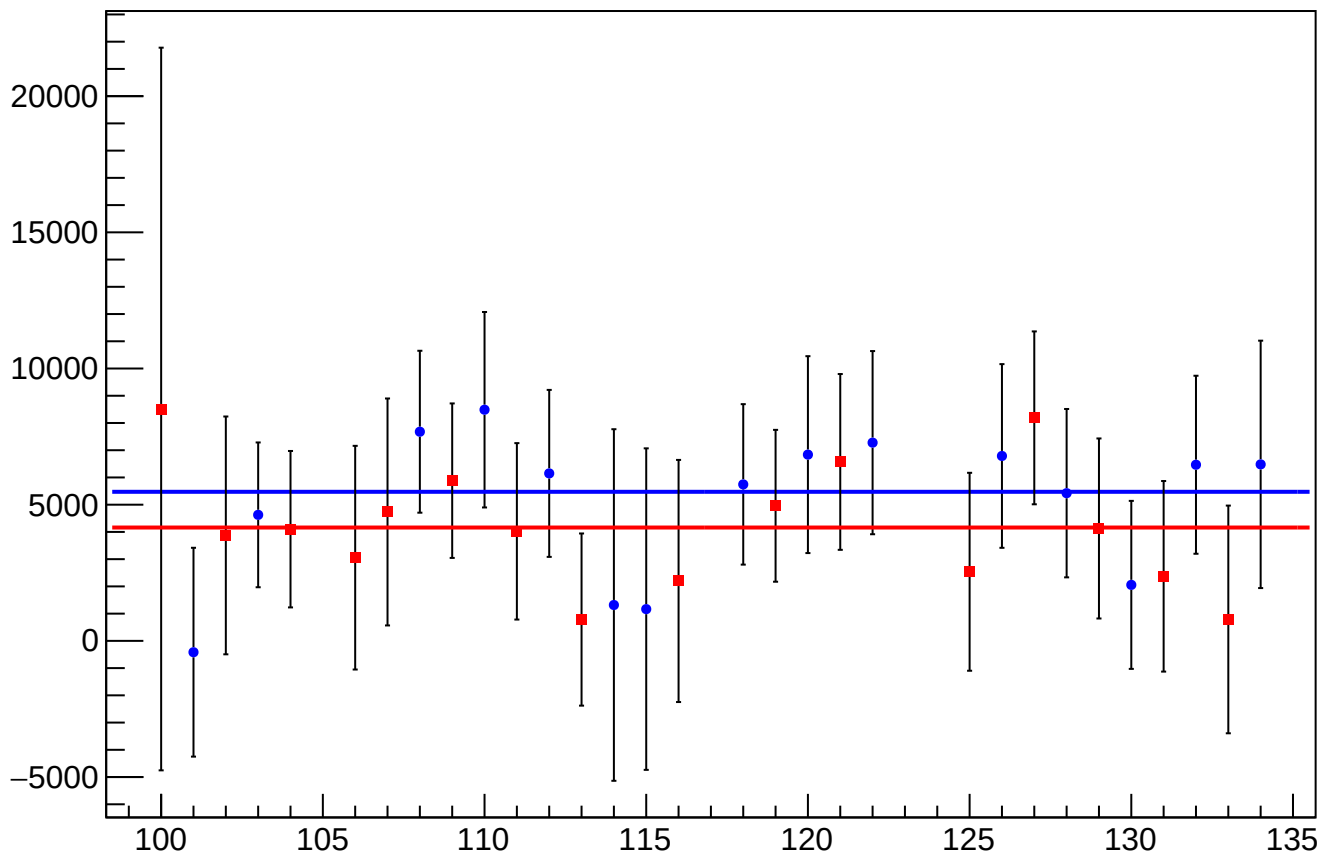
Right: 8207.511+/-1.652 χ^2/NDF : 929893.6/30

In: 8369.040+/-2.397 χ^2/NDF : 411242.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8207.511+/-1.652 χ^2/NDF : 929893.6/30

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5473.295+/-884.042 χ^2/NDF : 6.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4161.705+/-878.149 χ^2/NDF : 5.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

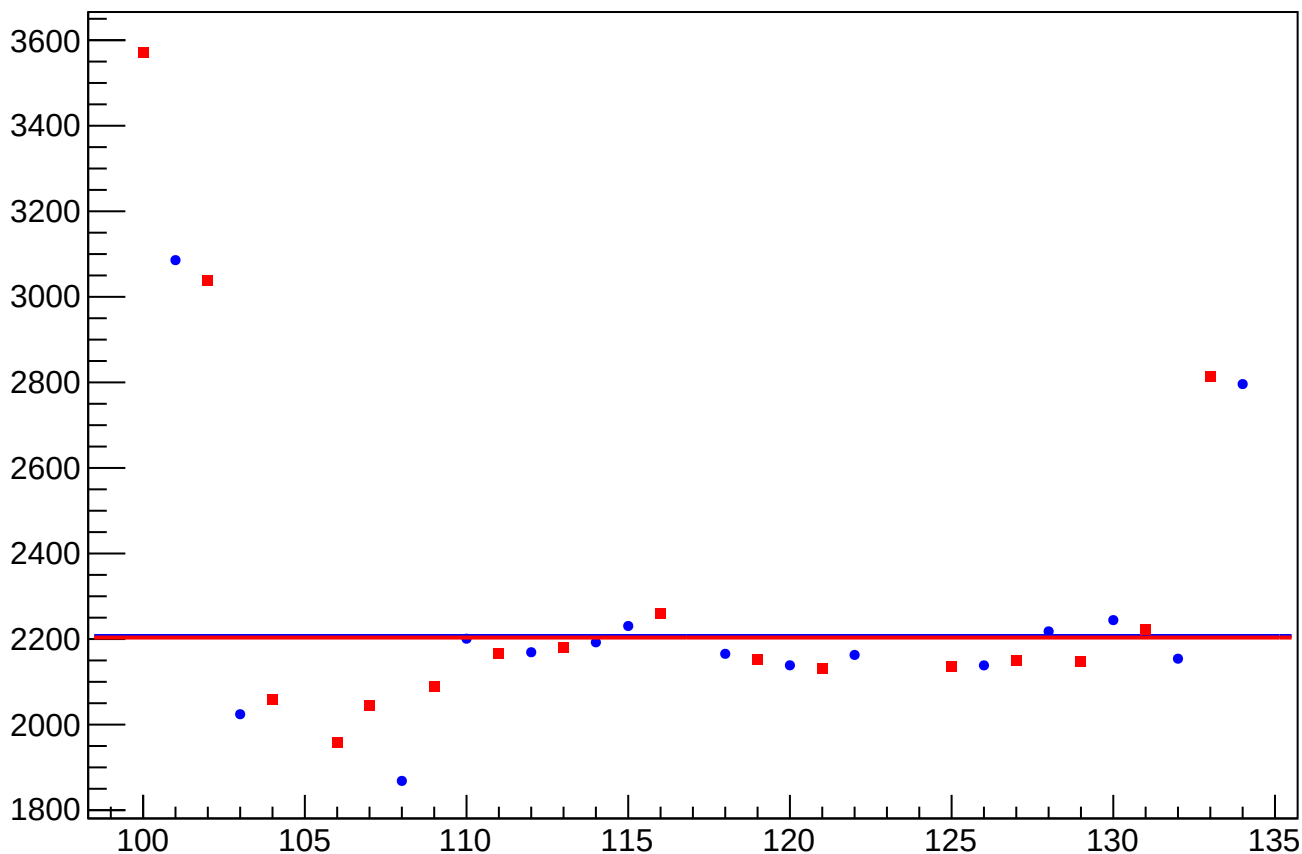
Right: 4813.114+/-623.018 χ^2/NDF : 13.1/30

In: 5473.295+/-884.042 χ^2/NDF : 6.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4813.114+/-623.018 χ^2/NDF : 13.1/30

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2207.128+/-0.625 χ^2/NDF : 177609.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.489+/-0.621 χ^2/NDF : 160010.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

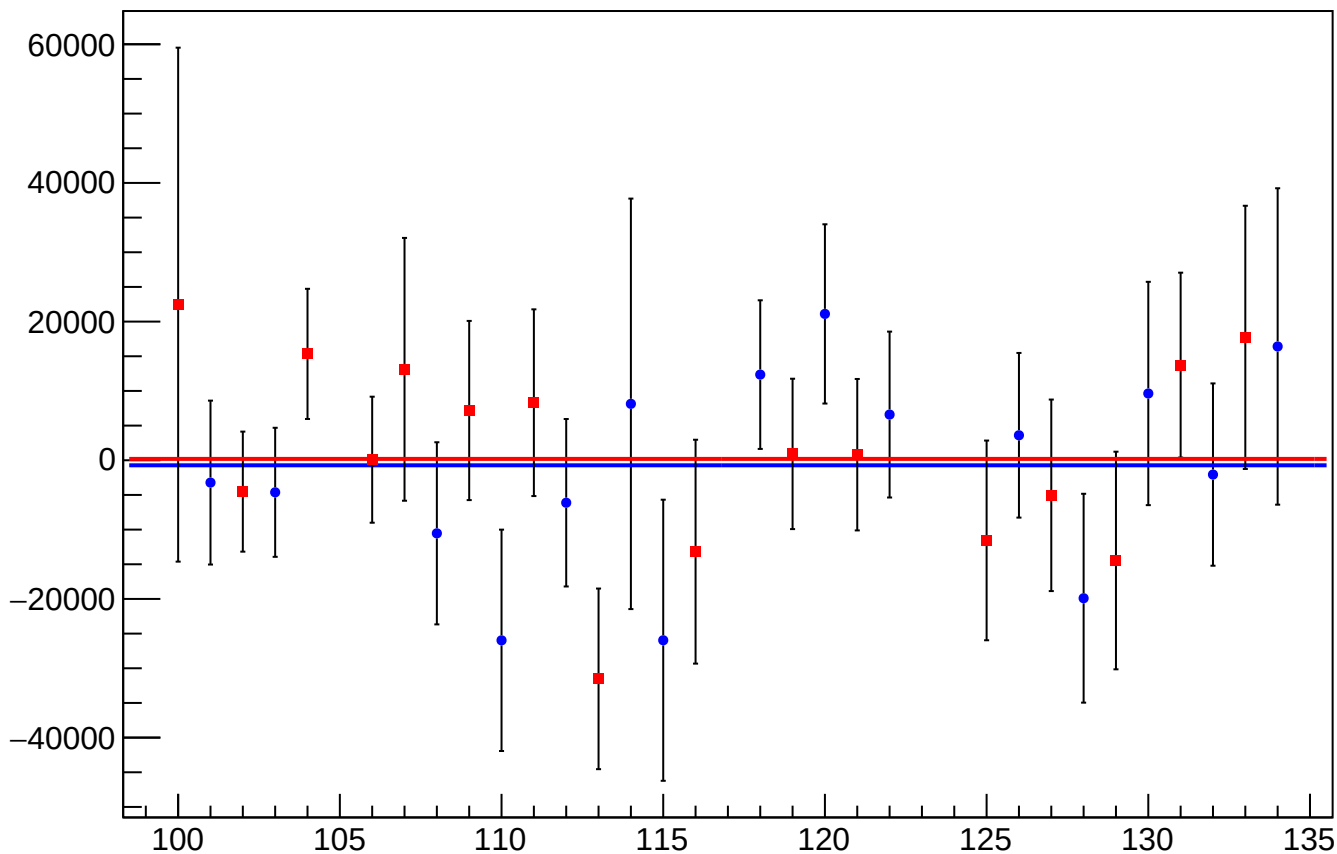
Right: 2205.295+/-0.440 χ^2/NDF : 337637.1/30

In: 2207.128+/-0.625 χ^2/NDF : 177609.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.295+/-0.440 χ^2/NDF : 337637.1/30

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -726.832 $\pm$ 3458.696 χ^2 /NDF: 12.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 197.767 $\pm$ 3147.219 χ^2 /NDF: 14.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

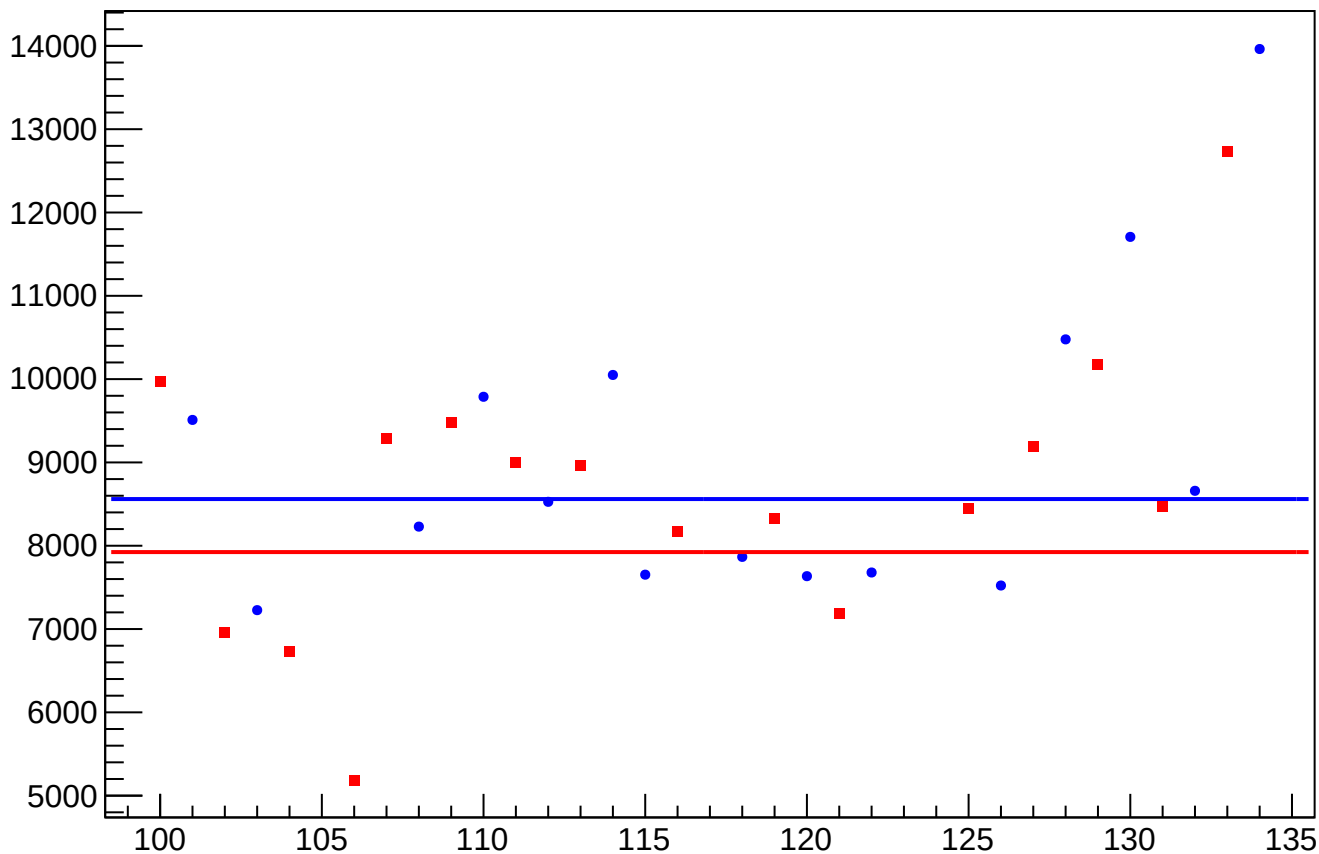
Right: -221.033 $\pm$ 2327.765 χ^2 /NDF: 27.2/30

In: -726.832 $\pm$ 3458.696 χ^2 /NDF:12.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -221.033 $\pm$ 2327.765 χ^2 /NDF: 27.2/30

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8560.270+/-2.446 χ^2/NDF : 341919.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7923.792+/-2.225 χ^2/NDF : 514279.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

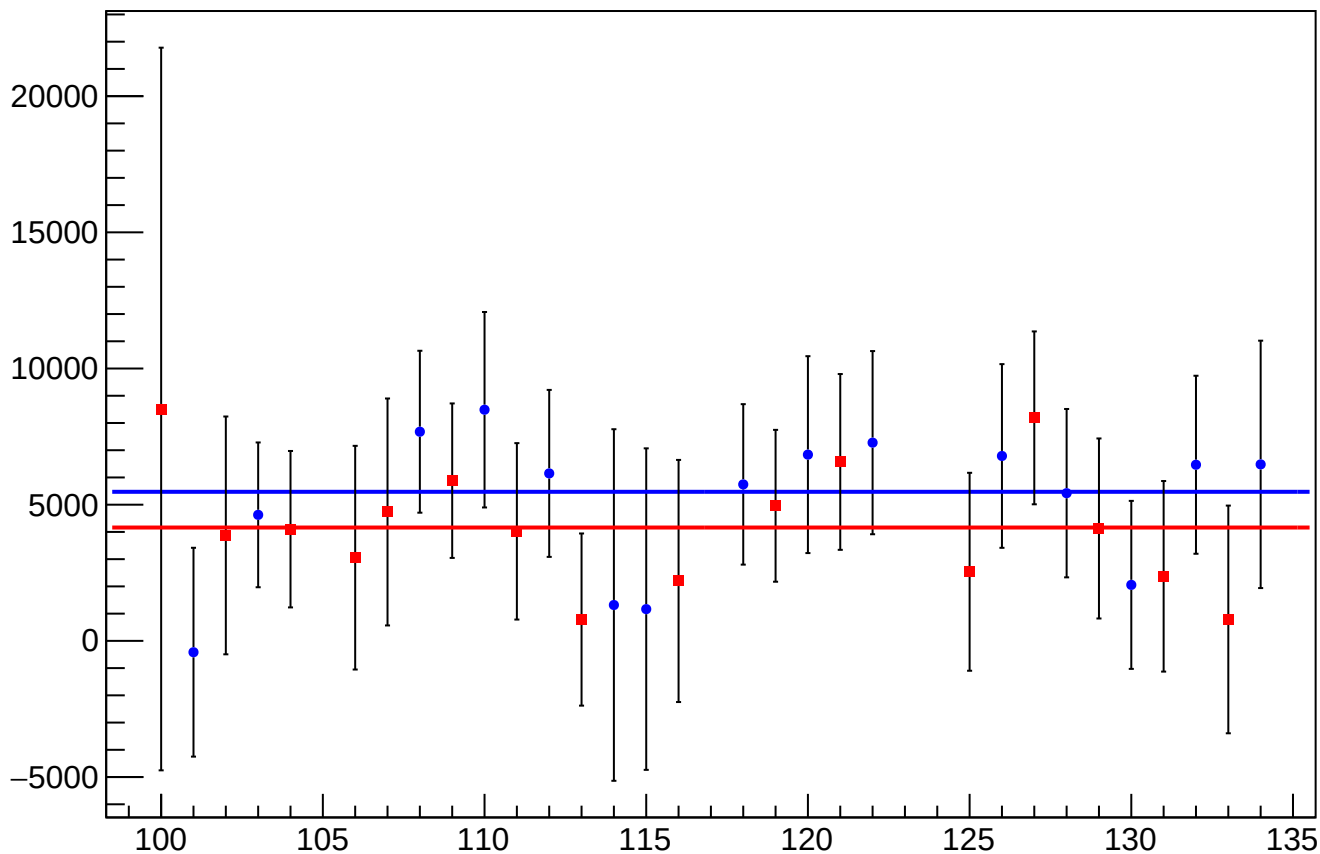
Right: 8212.086+/-1.646 χ^2/NDF : 893248.9/30

In: 8560.270+/-2.446 χ^2/NDF : 341919.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8212.086+/-1.646 χ^2/NDF : 893248.9/30

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5473.297+/-884.042 χ^2/NDF : 6.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4161.711+/-878.149 χ^2/NDF : 5.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

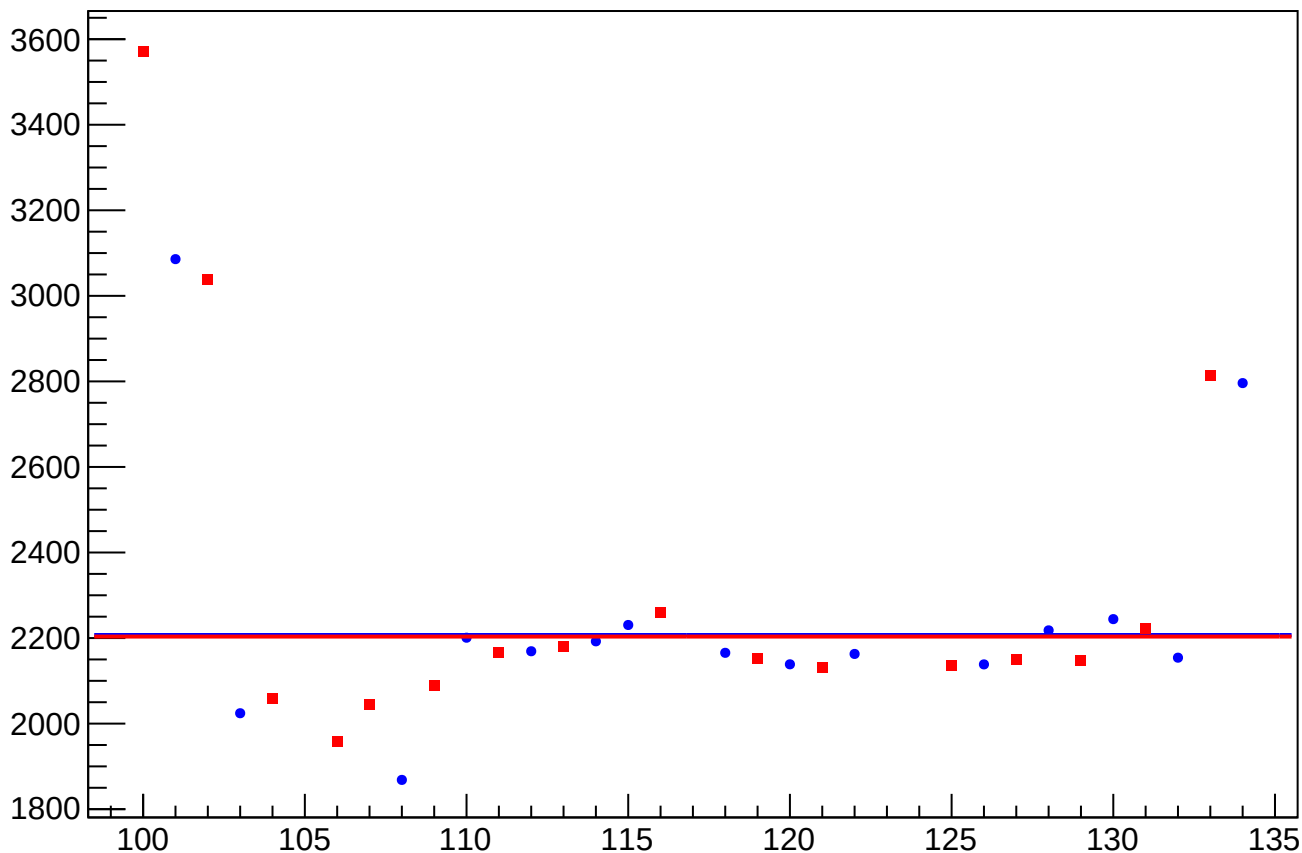
Right: 4813.118+/-623.018 χ^2/NDF : 13.1/30

In: 5473.297+/-884.042 χ^2/NDF : 6.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4813.118+/-623.018 χ^2/NDF : 13.1/30

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2207.127+/-0.625 χ^2/NDF : 177609.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.488+/-0.621 χ^2/NDF : 160010.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

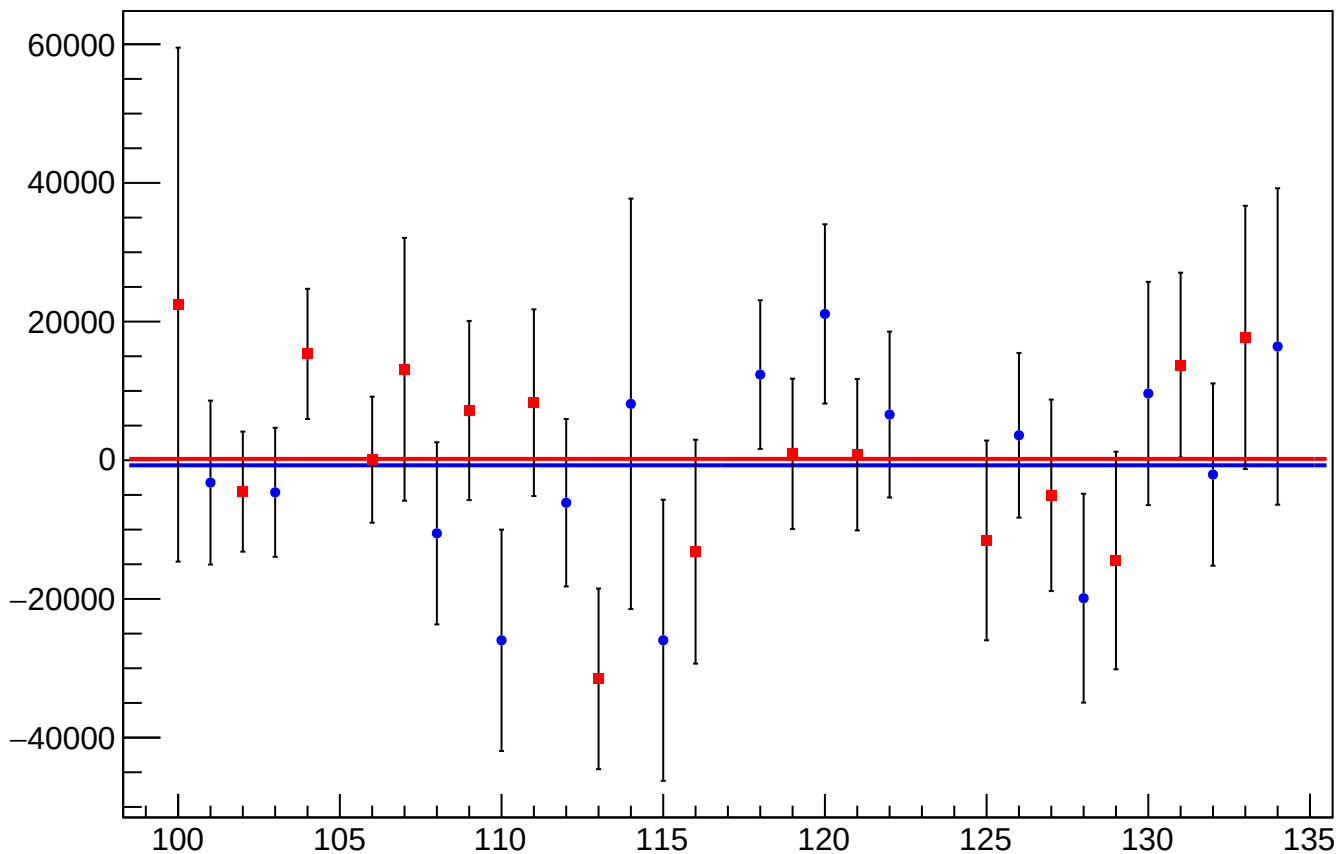
Right: 2205.294+/-0.440 χ^2/NDF : 337636.8/30

In: 2207.127+/-0.625 χ^2/NDF : 177609.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.294+/-0.440 χ^2/NDF : 337636.8/30

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -726.822+/-3458.686 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.773+/-3147.211 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

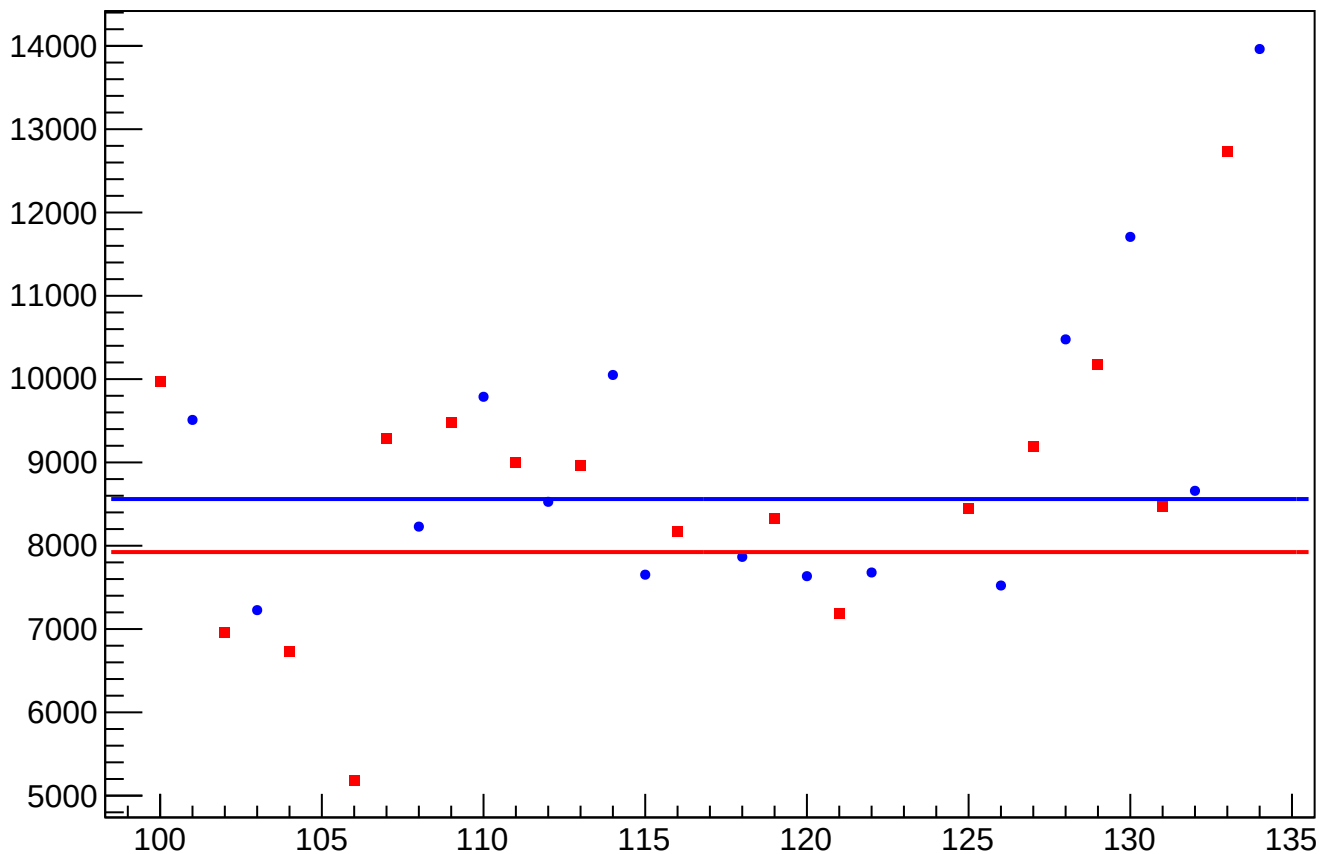
Right: -221.026+/-2327.759 χ^2/NDF : 27.2/30

In: -726.822+/-3458.686 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.026+/-2327.759 χ^2/NDF : 27.2/30

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8560.245+/-2.446 χ^2/NDF : 341919.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7923.772+/-2.225 χ^2/NDF : 514275.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

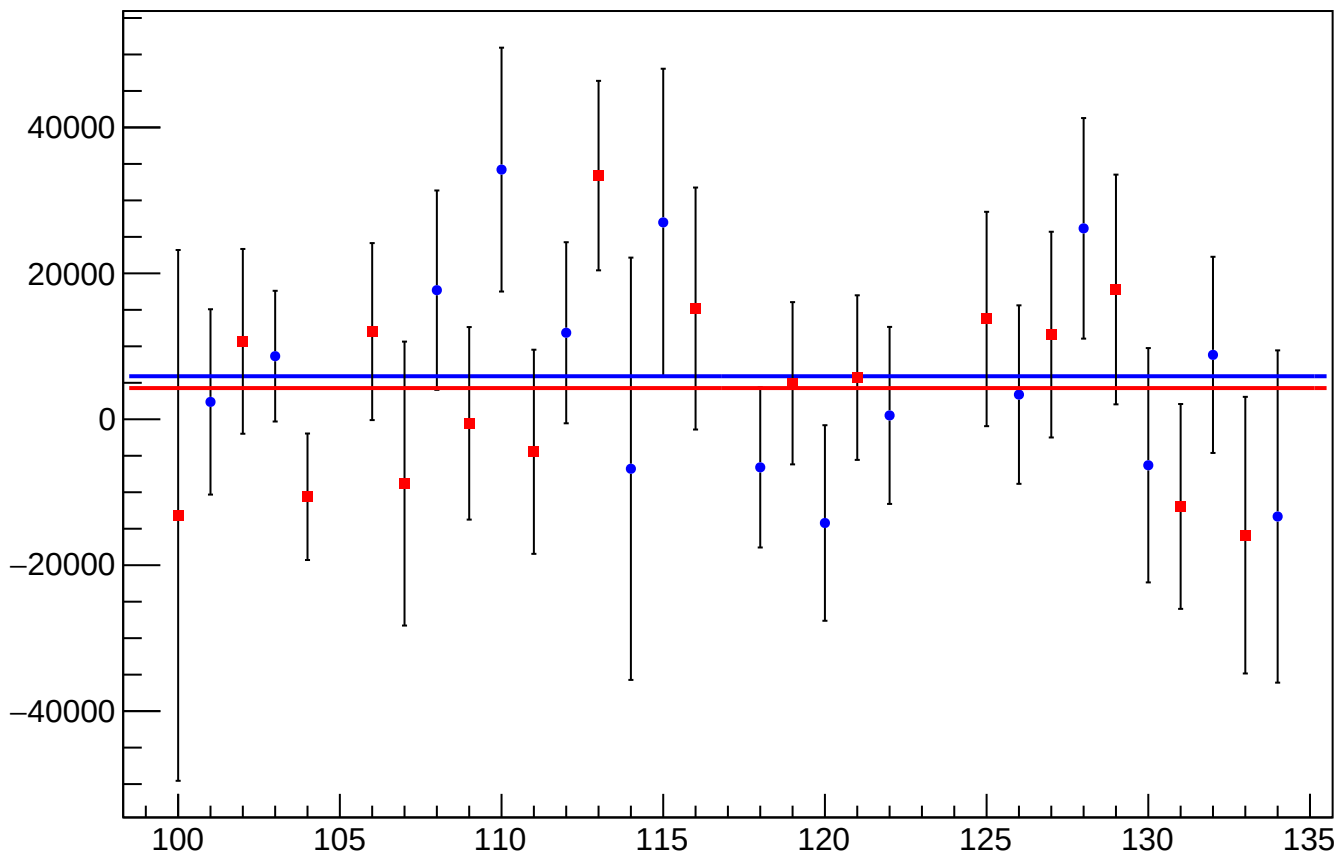
Right: 8212.065+/-1.646 χ^2/NDF : 893245.7/30

In: 8560.245+/-2.446 χ^2/NDF :341919.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8212.065+/-1.646 χ^2/NDF : 893245.7/30

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5899.873+/-3522.491 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4277.450+/-3377.511 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

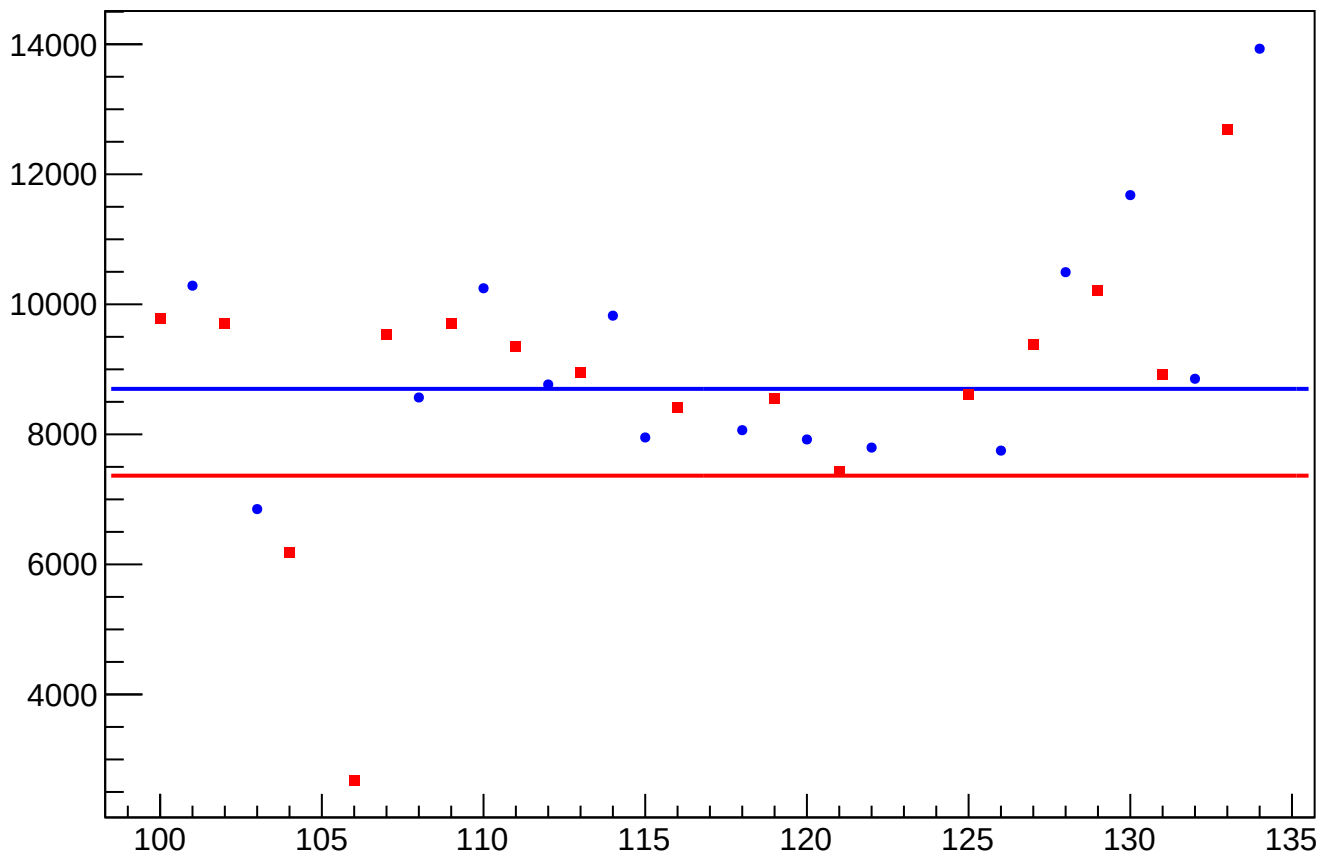
Right: 5054.587+/-2437.904 χ^2/NDF : 26.4/30

In: 5899.873+/-3522.491 χ^2/NDF : 12.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5054.587+/-2437.904 χ^2/NDF : 26.4/30

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8699.602 $\pm$ 2.491 χ^2 /NDF: 378889.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7364.761 $\pm$ 2.204 χ^2 /NDF: 1576136.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

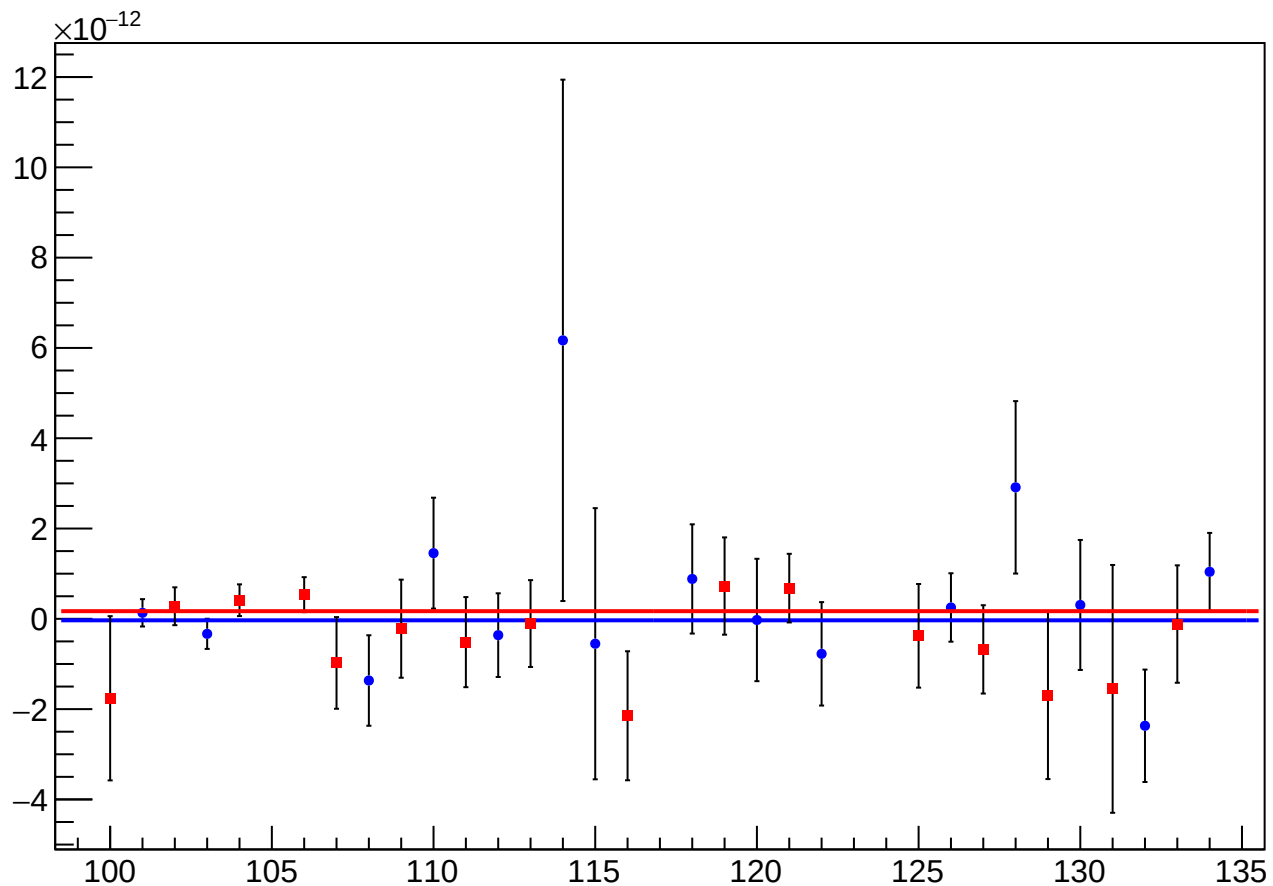
Right: 7950.939 $\pm$ 1.651 χ^2 /NDF: 2116111.7/30

In: 8699.602 $\pm$ 2.491 χ^2 /NDF:378889.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7950.939 $\pm$ 1.651 χ^2 /NDF: 2116111.7/30

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

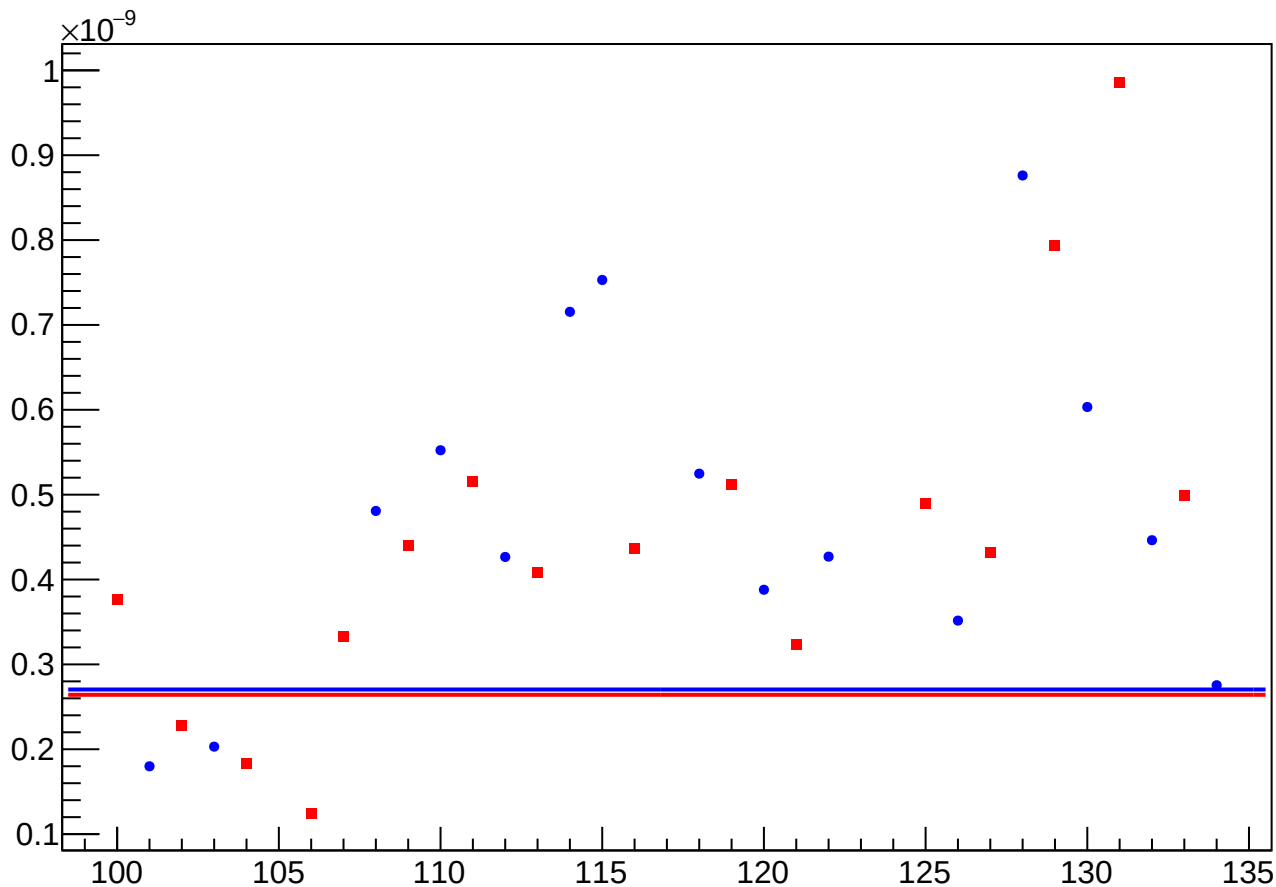
Right: 0.000+/-0.000 χ^2/NDF : 25.2/30

In: -0.000+/-0.000 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.2/30

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1085673.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1274027.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

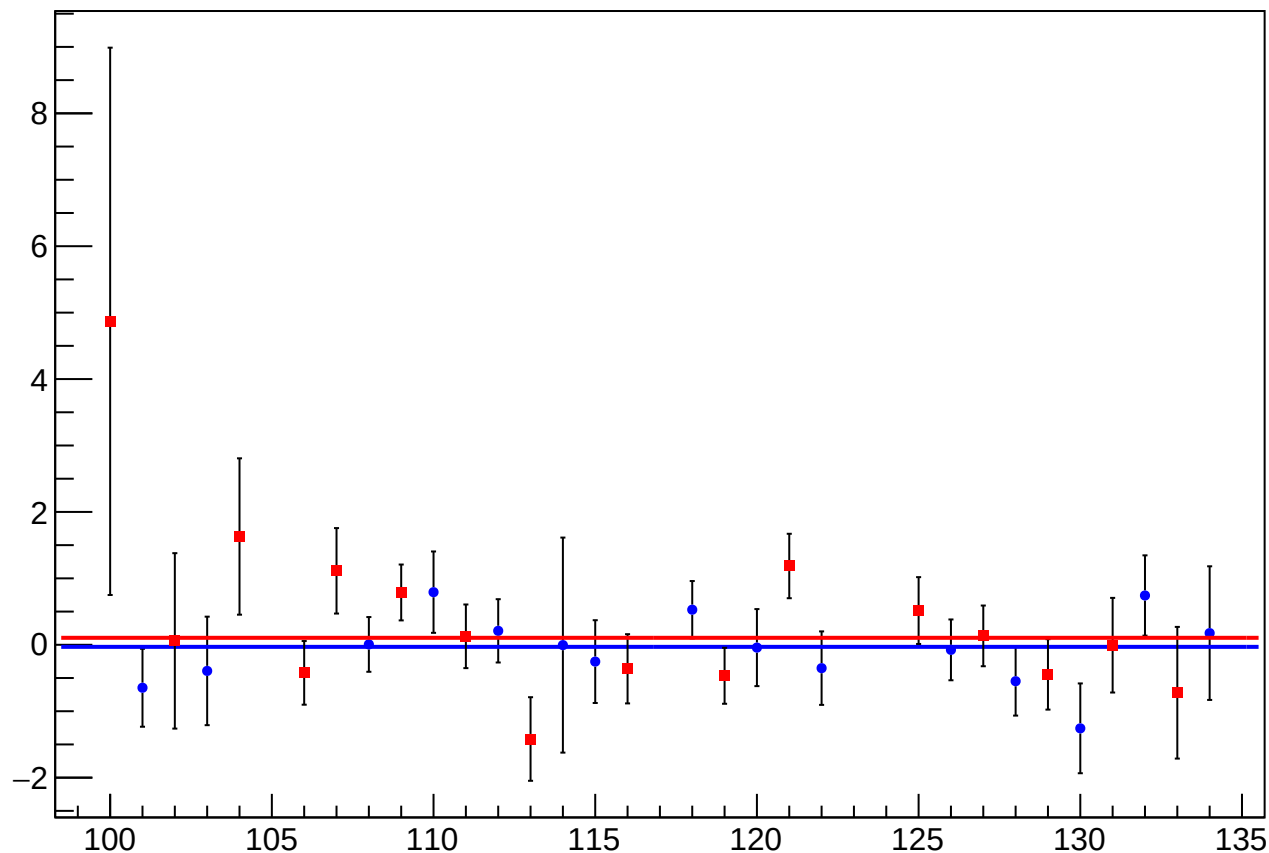
Right: 0.000+/-0.000 χ^2/NDF : 2360862.8/30

In: 0.000+/-0.000 χ^2/NDF : 1085673.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2360862.8/30

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.142 χ^2/NDF : 25.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

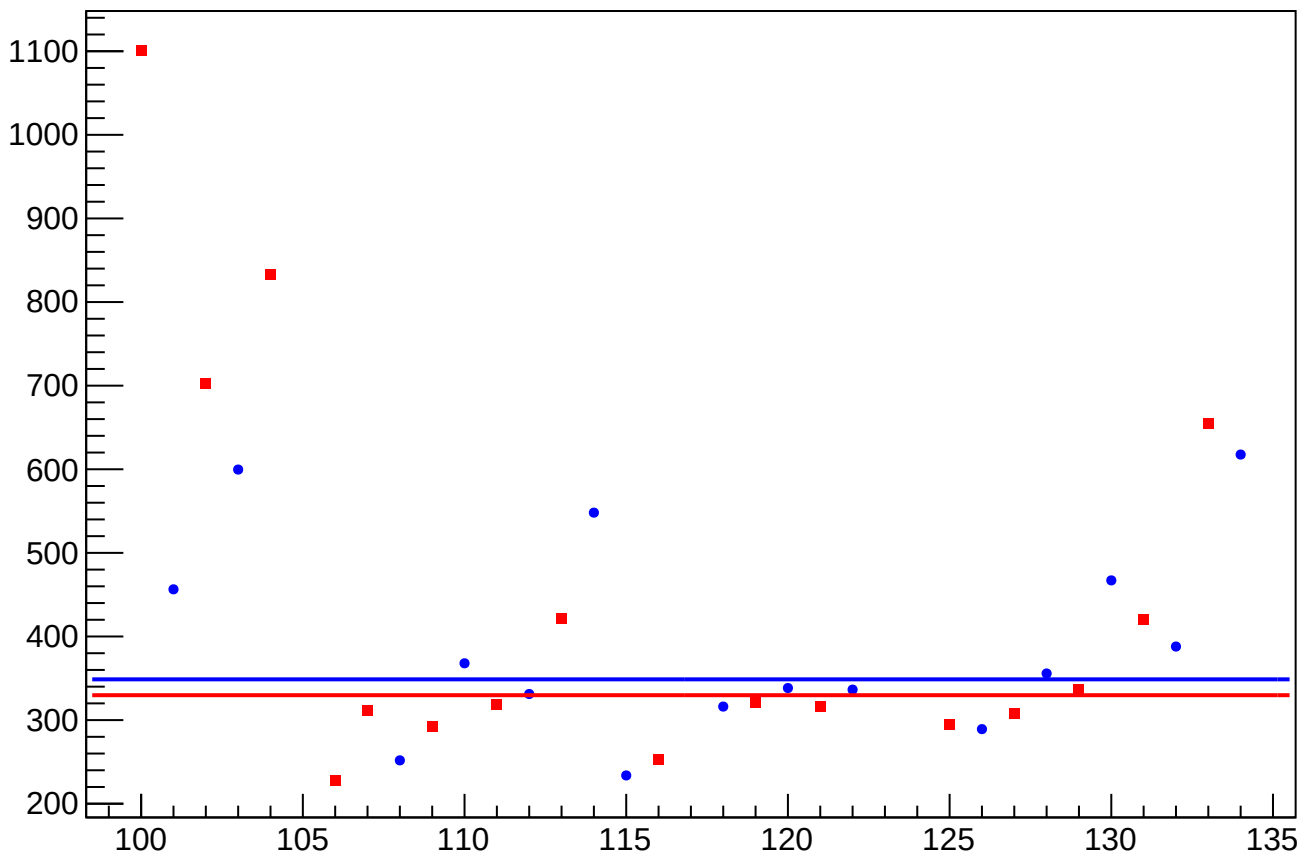
Right: 0.039+/-0.102 χ^2/NDF : 37.2/30

In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.102 χ^2/NDF : 37.2/30

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 348.744+/-0.104 χ^2/NDF : 729706.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.769+/-0.100 χ^2/NDF : 1055294.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

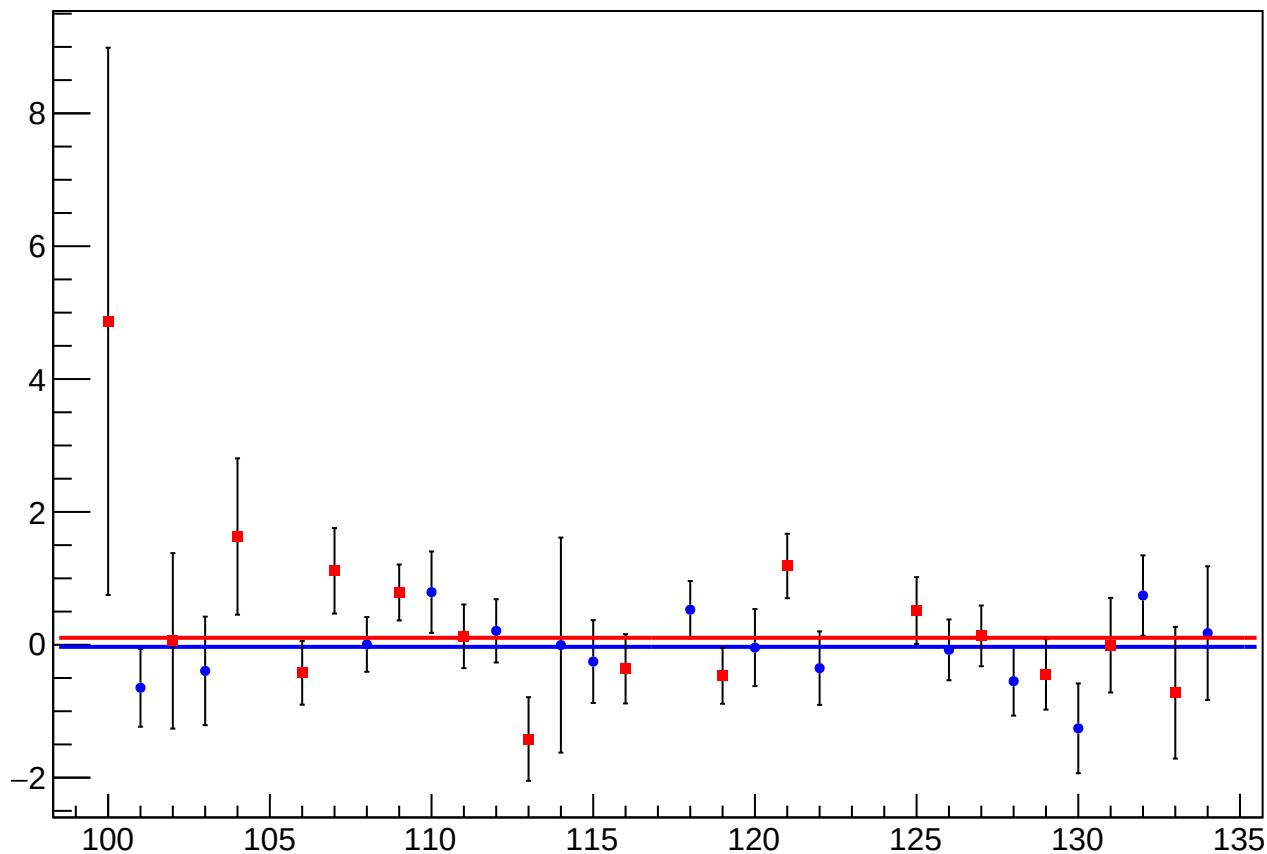
Right: 338.943+/-0.072 χ^2/NDF : 1802242.0/30

In: 348.744+/-0.104 χ^2/NDF : 729706.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.943+/-0.072 χ^2/NDF : 1802242.0/30

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.142 χ^2/NDF : 25.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

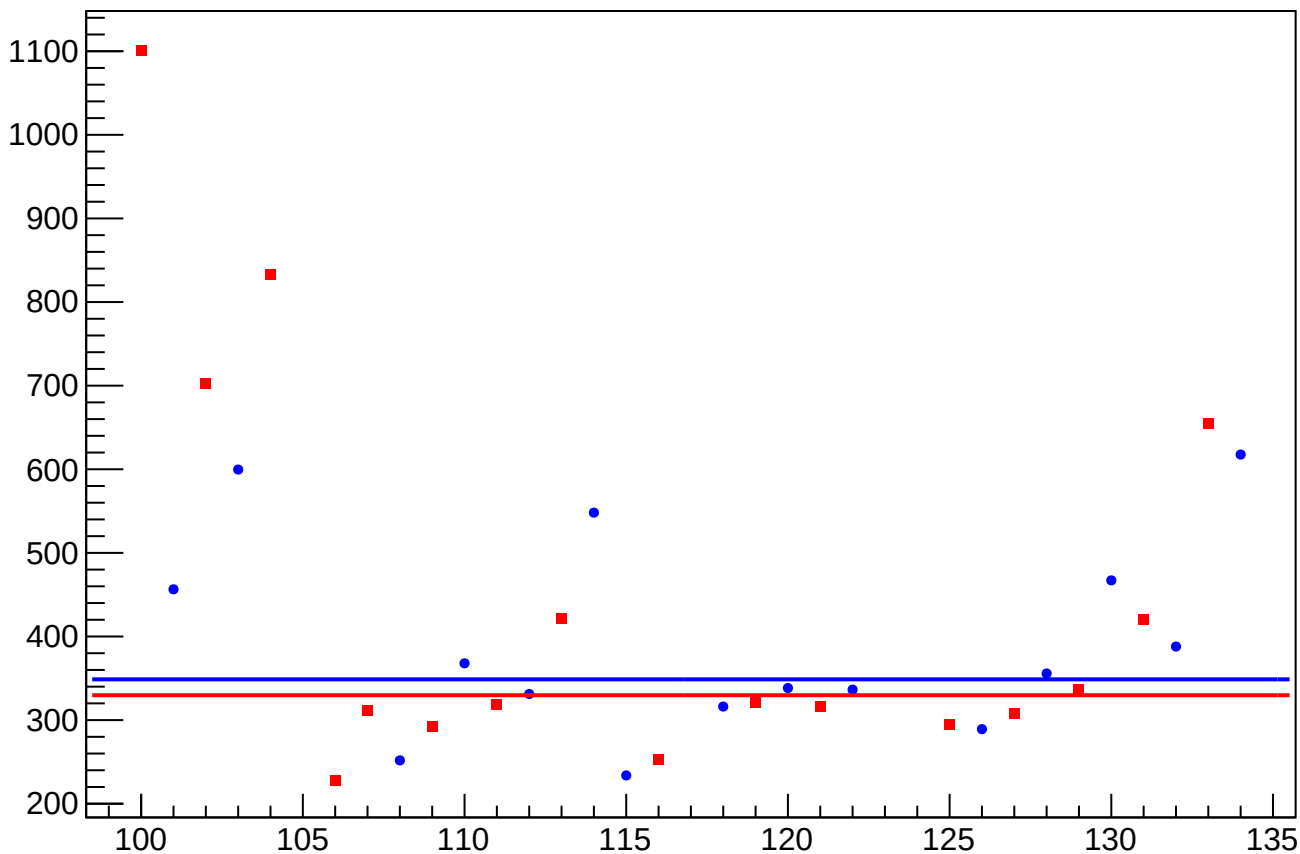
Right: 0.039+/-0.102 χ^2/NDF : 37.2/30

In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.102 χ^2/NDF : 37.2/30

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 348.744+/-0.104 χ^2/NDF : 729706.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.769+/-0.100 χ^2/NDF : 1055294.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

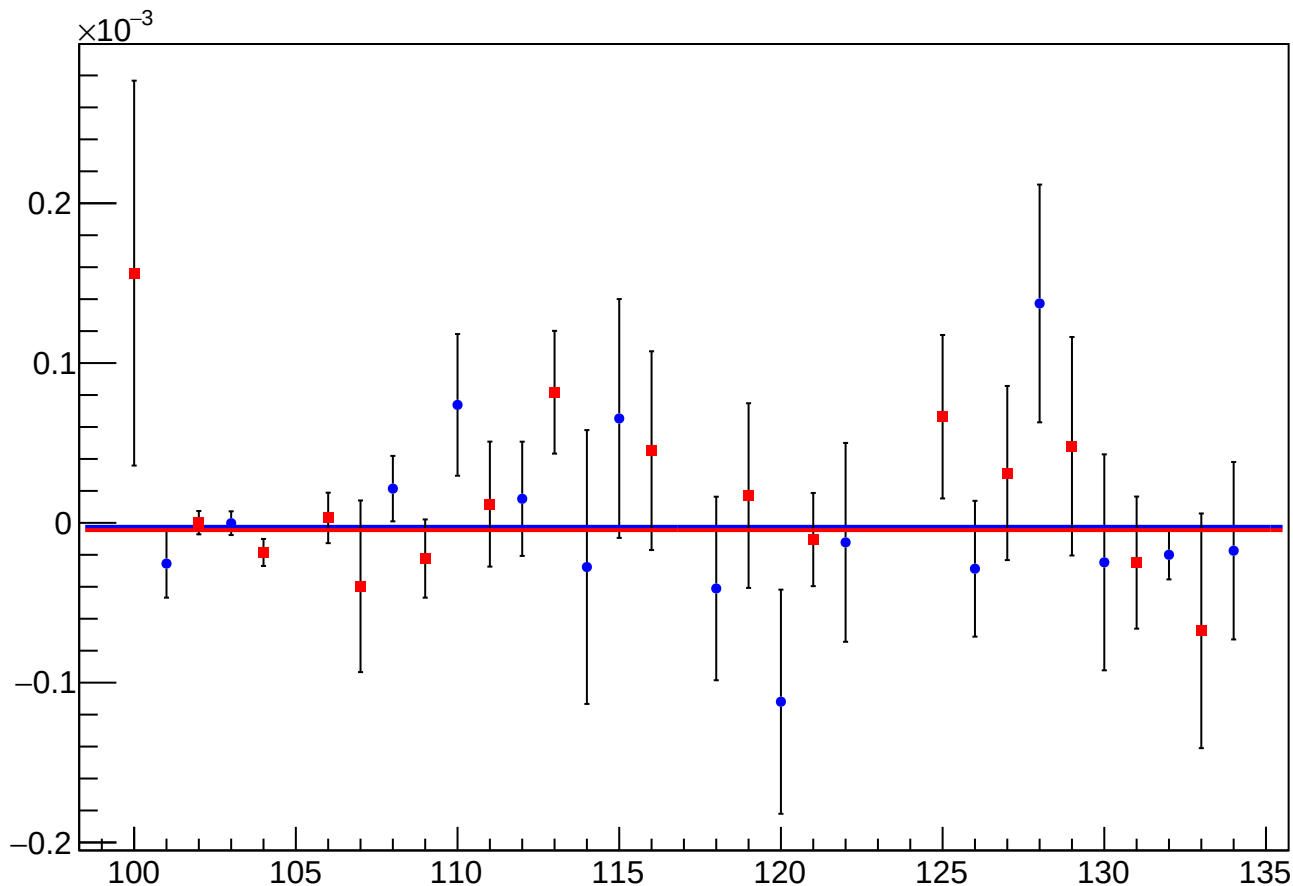
Right: 338.943+/-0.072 χ^2/NDF : 1802242.0/30

In: 348.744+/-0.104 χ^2/NDF : 729706.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.943+/-0.072 χ^2/NDF : 1802242.0/30

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

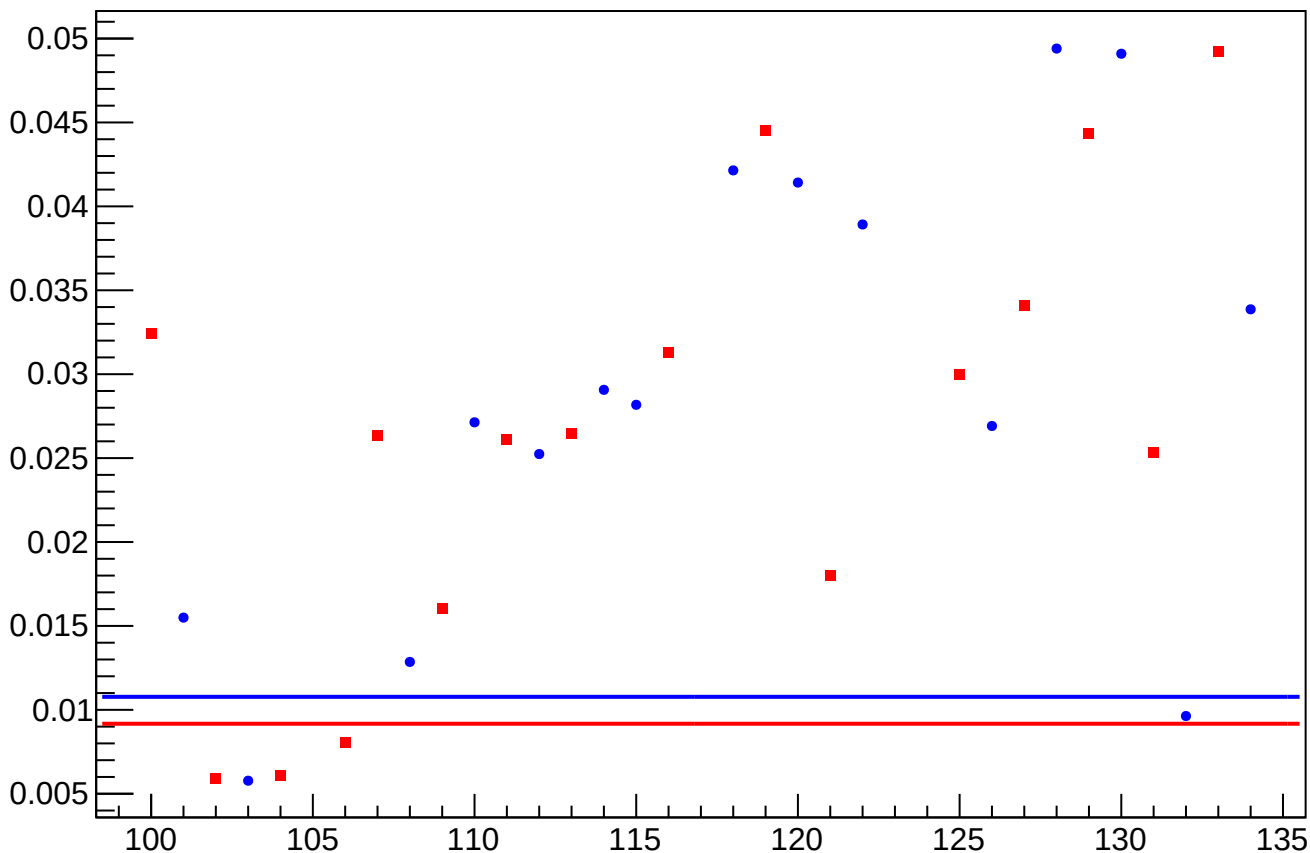
Right: -0.000+/-0.000 χ^2/NDF : 31.2/30

In: -0.000+/-0.000 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.2/30

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 5038996.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 5261723.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

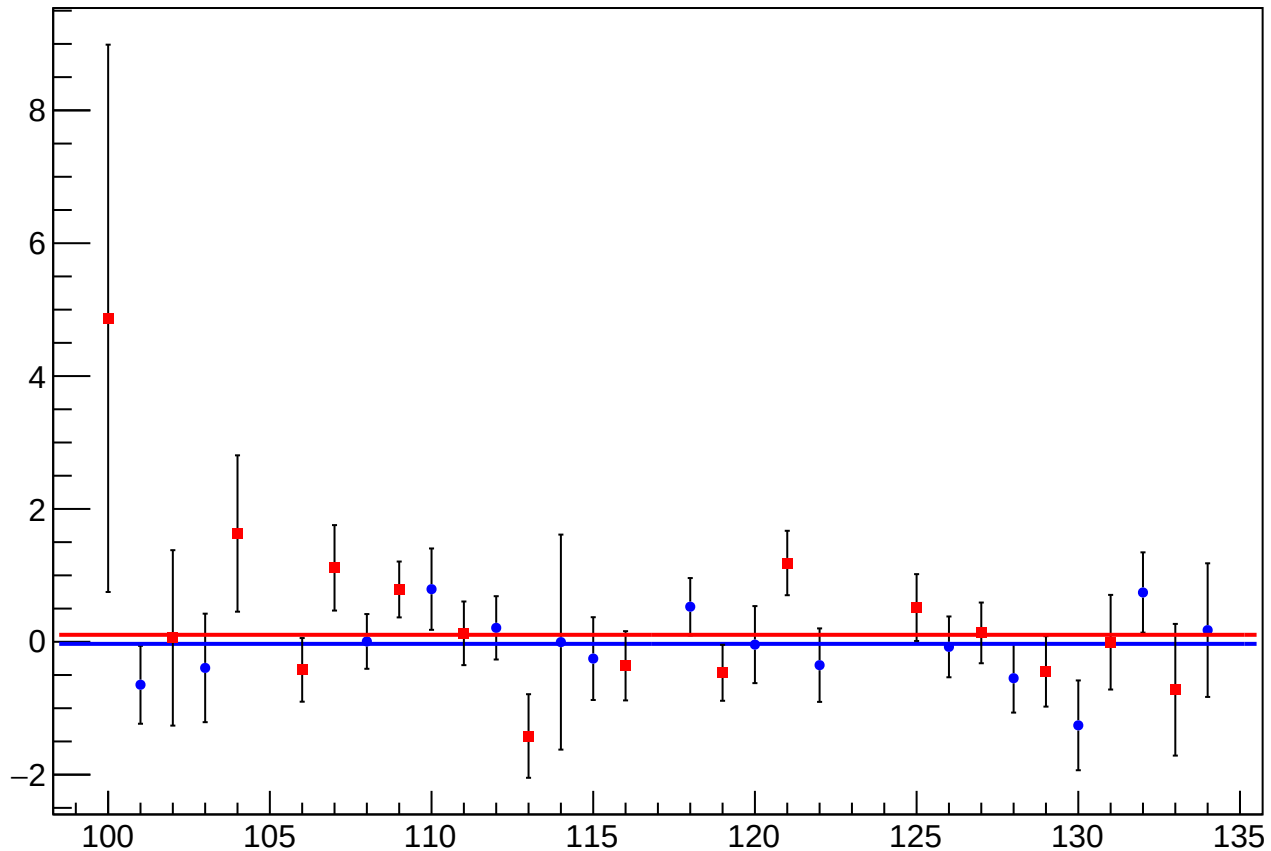
Right: 0.010+/-0.000 χ^2/NDF : 10393120.8/30

In: 0.011+/-0.000 χ^2/NDF :5038996.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 10393120.8/30

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.147 χ^2/NDF : 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.105 $\pm$ 0.142 χ^2/NDF : 25.3/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

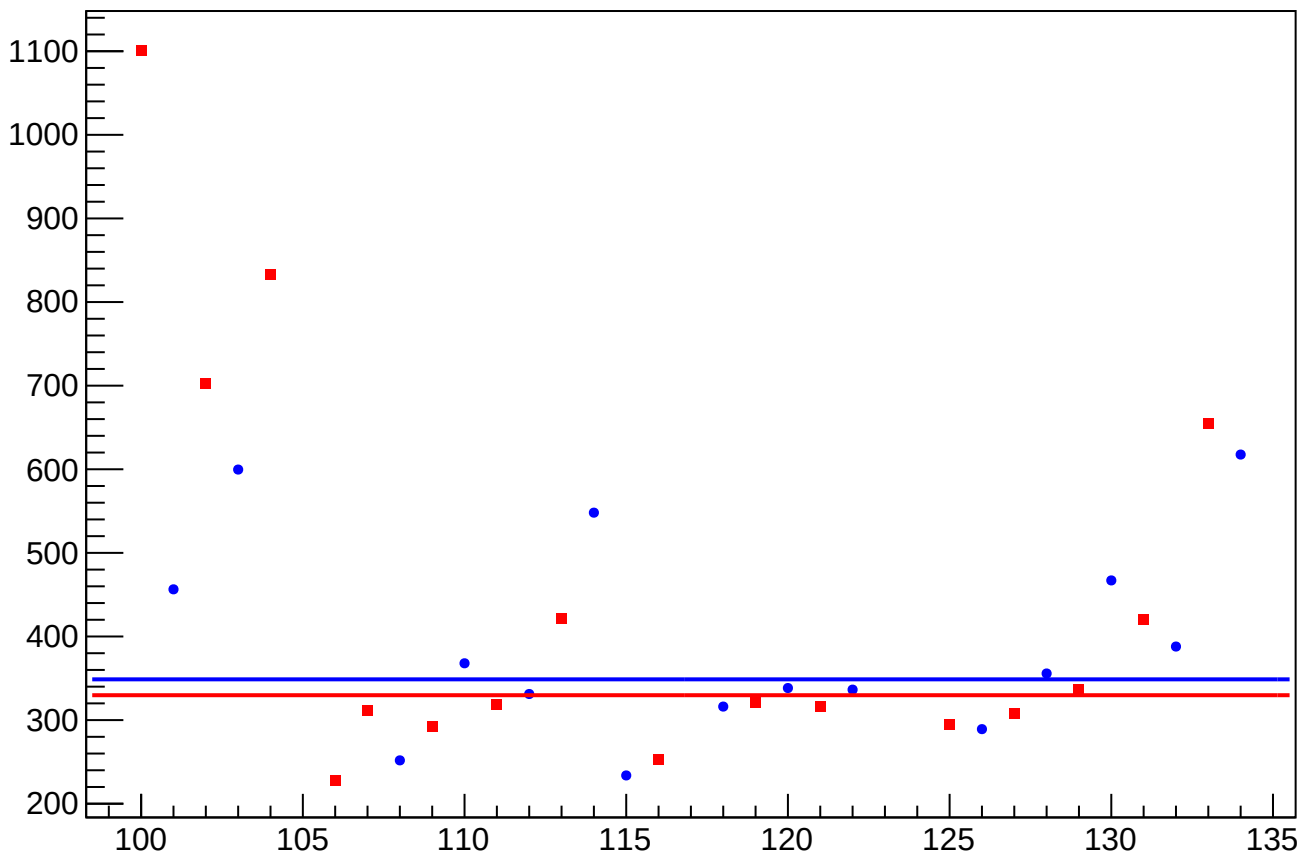
Right: 0.039 $\pm$ 0.102 χ^2/NDF : 37.2/30

In: -0.031 $\pm$ 0.147 χ^2/NDF : 11.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.039 $\pm$ 0.102 χ^2/NDF : 37.2/30

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 348.742+/-0.104 χ^2/NDF : 729658.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 329.767+/-0.100 χ^2/NDF : 1055257.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

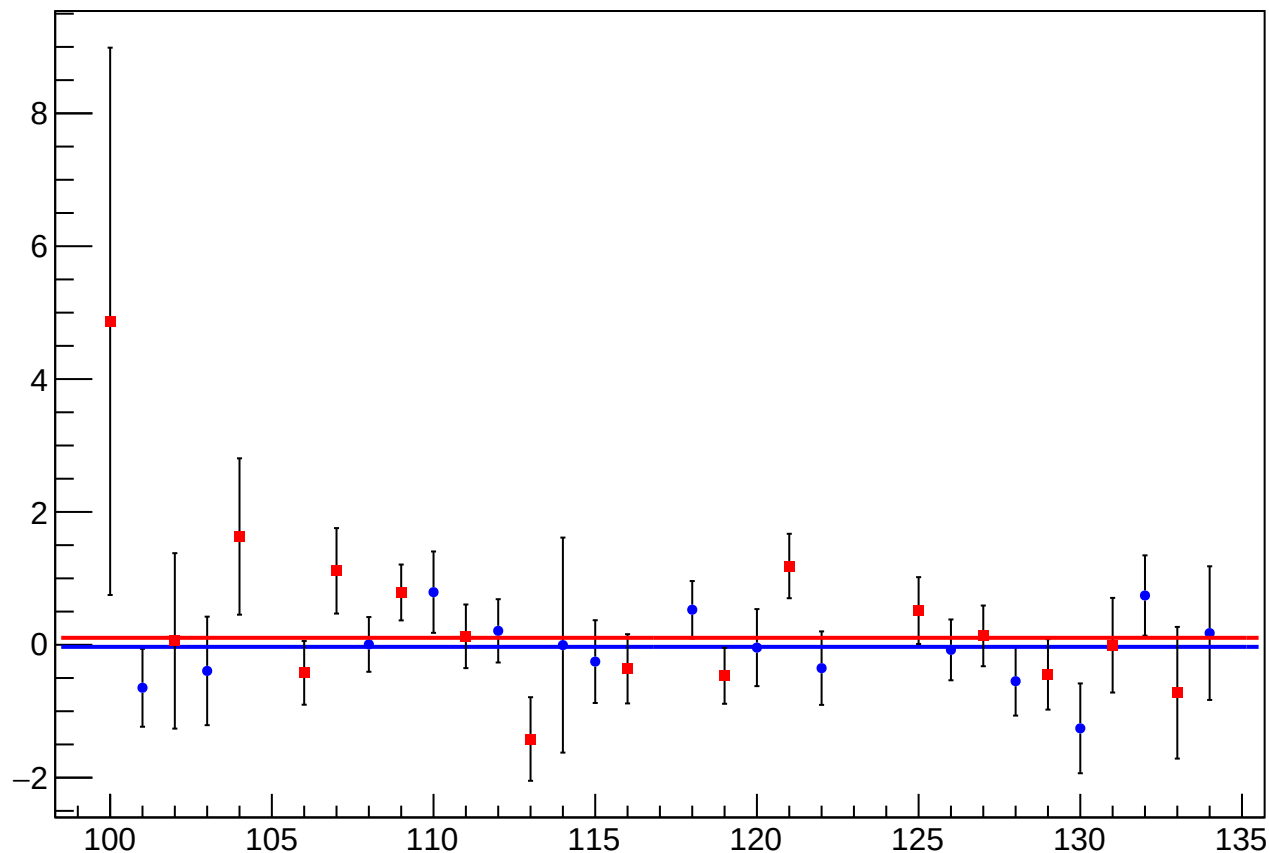
Right: 338.941+/-0.072 χ^2/NDF : 1802157.6/30

In: 348.742+/-0.104 χ^2/NDF :729658.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 338.941+/-0.072 χ^2/NDF : 1802157.6/30

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.142 χ^2/NDF : 25.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

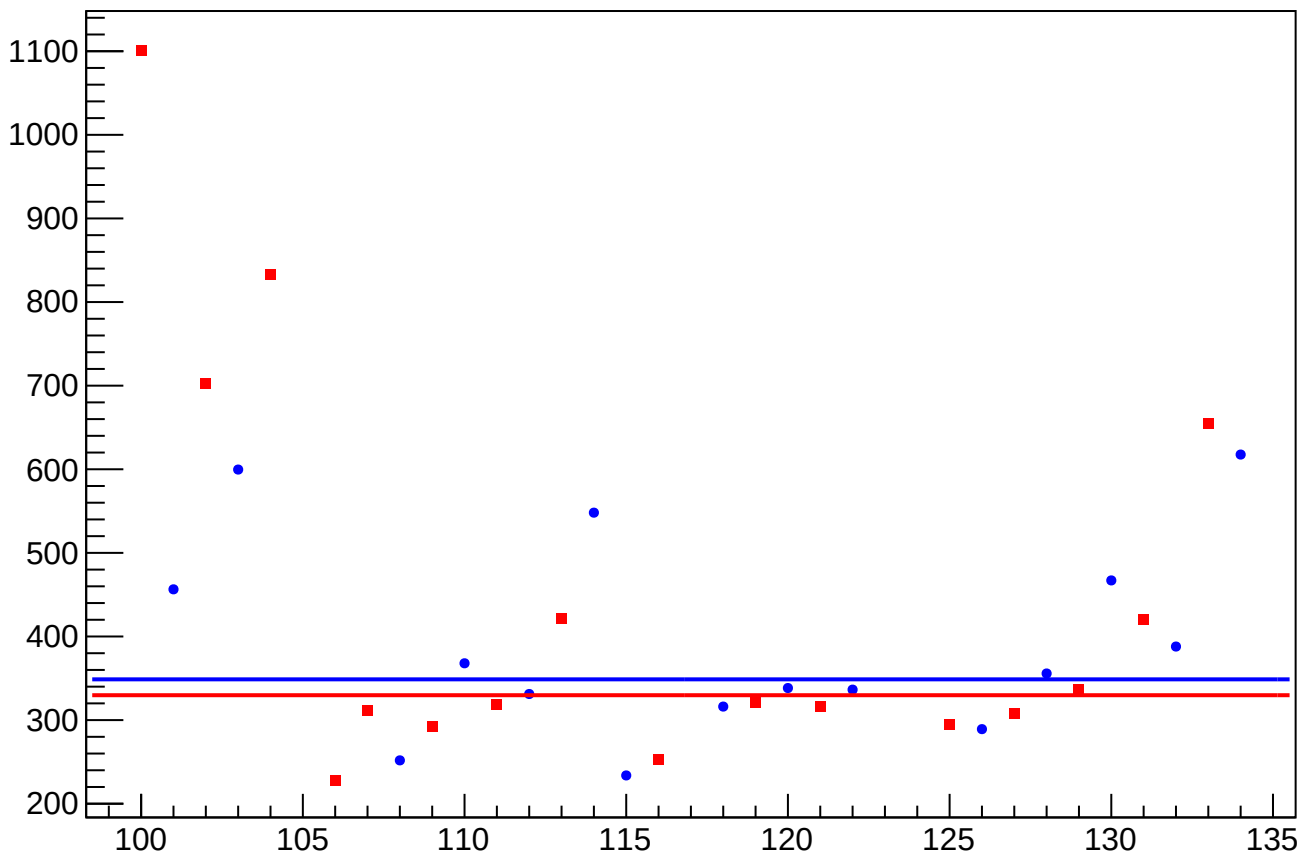
Right: 0.039+/-0.102 χ^2/NDF : 37.2/30

In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.102 χ^2/NDF : 37.2/30

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 348.742 $\pm$ 0.104 χ^2 /NDF: 729658.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 329.767 $\pm$ 0.100 χ^2 /NDF: 1055257.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

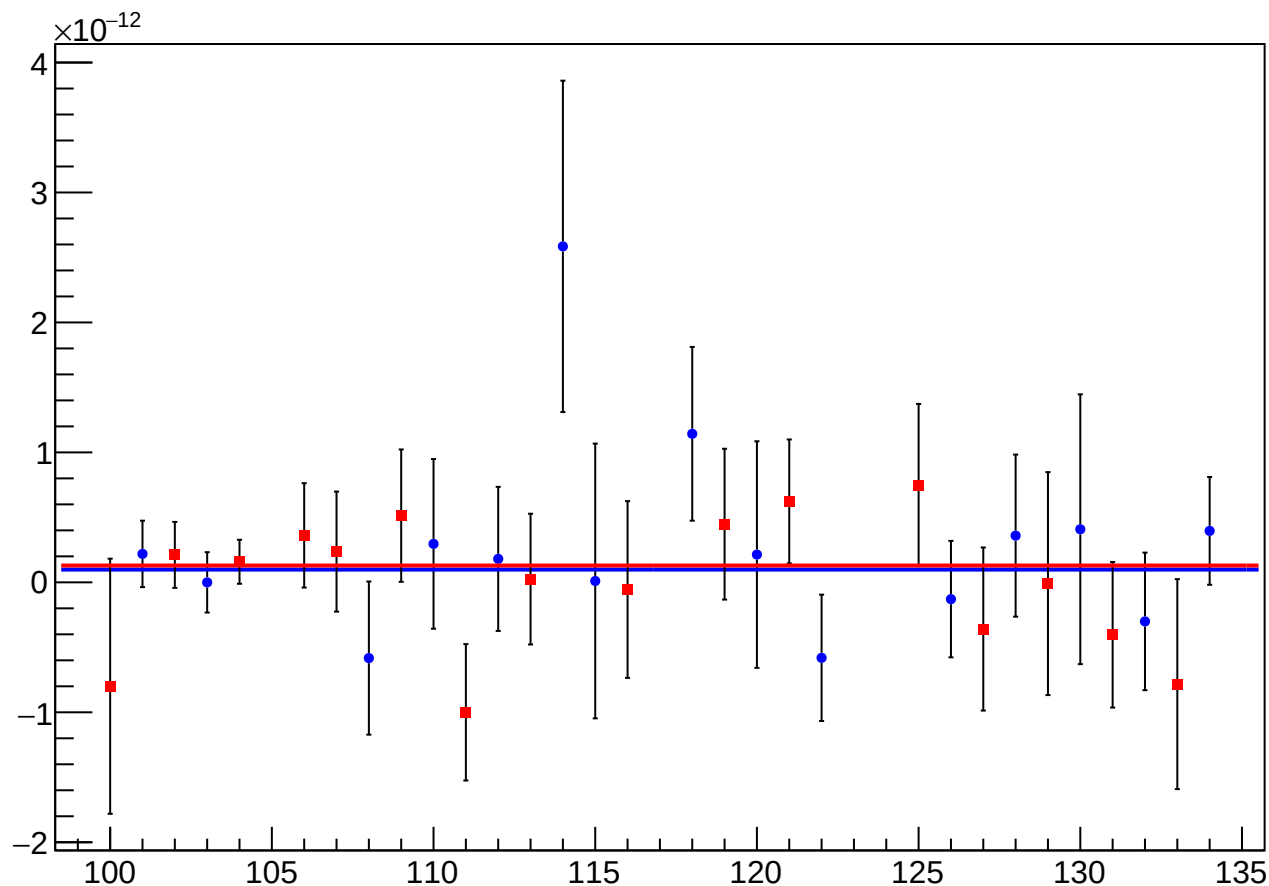
Right: 338.941 $\pm$ 0.072 χ^2 /NDF: 1802157.6/30

In: 348.742 $\pm$ 0.104 χ^2 /NDF:729658.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 338.941 $\pm$ 0.072 χ^2 /NDF: 1802157.6/30

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

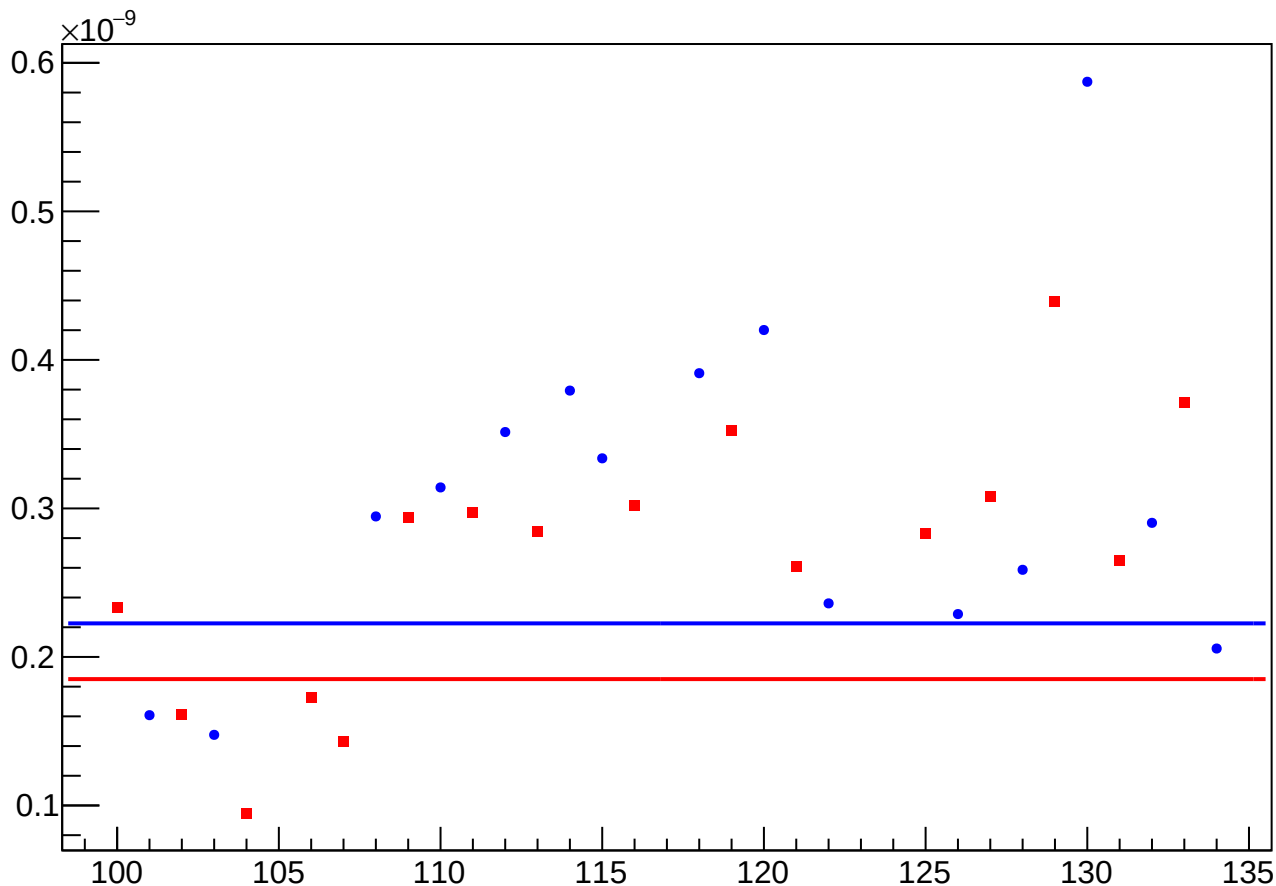
Right: 0.000+/-0.000 χ^2/NDF : 23.6/30

In: 0.000+/-0.000 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/30

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 : 1076176.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1598120.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

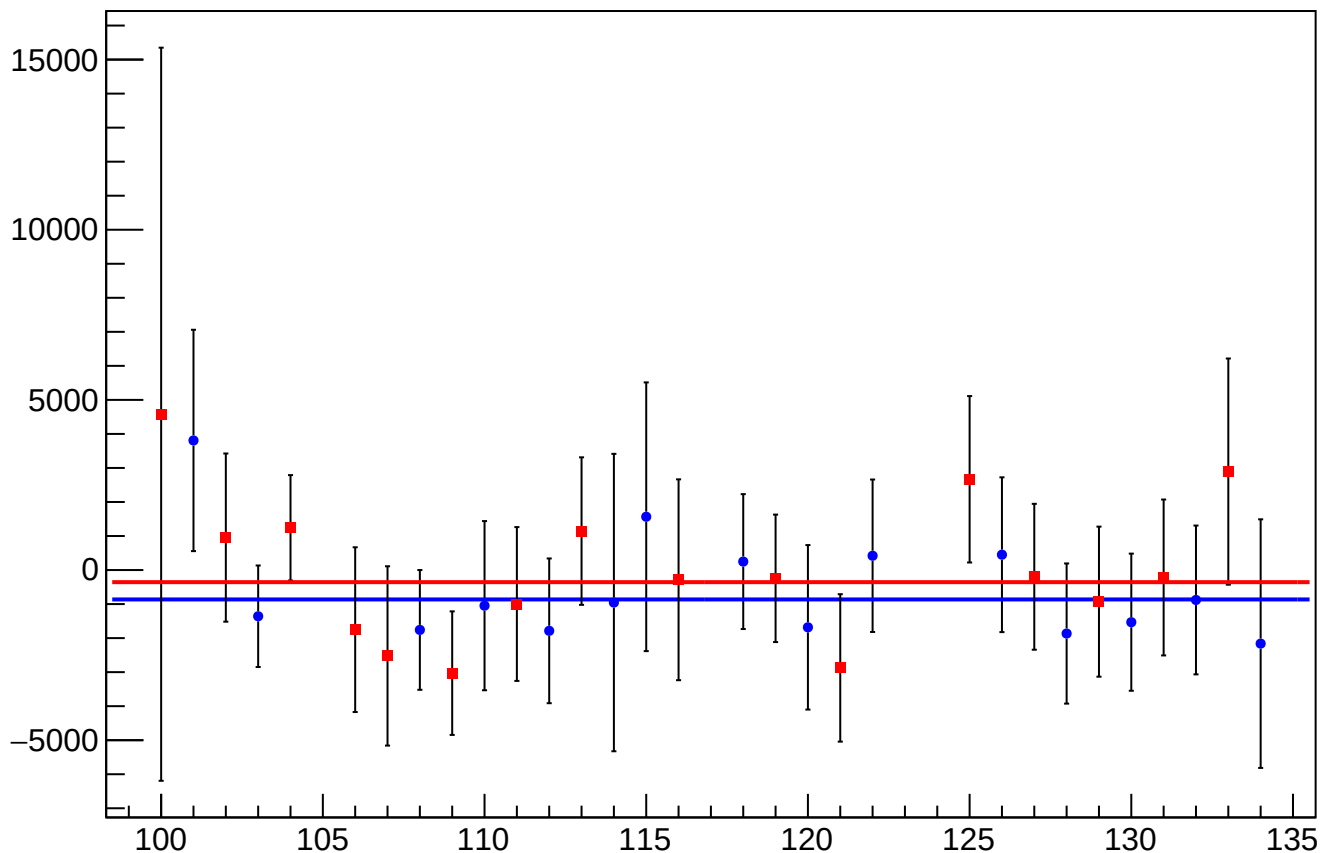
Right: 0.000+/-0.000 χ^2/NDF : 2787010.0/30

In: 0.000+/-0.000 χ^2/NDF : 1076176.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2787010.0/30

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -863.922+/-582.144 χ^2/NDF : 4.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.892+/-567.868 χ^2/NDF : 9.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

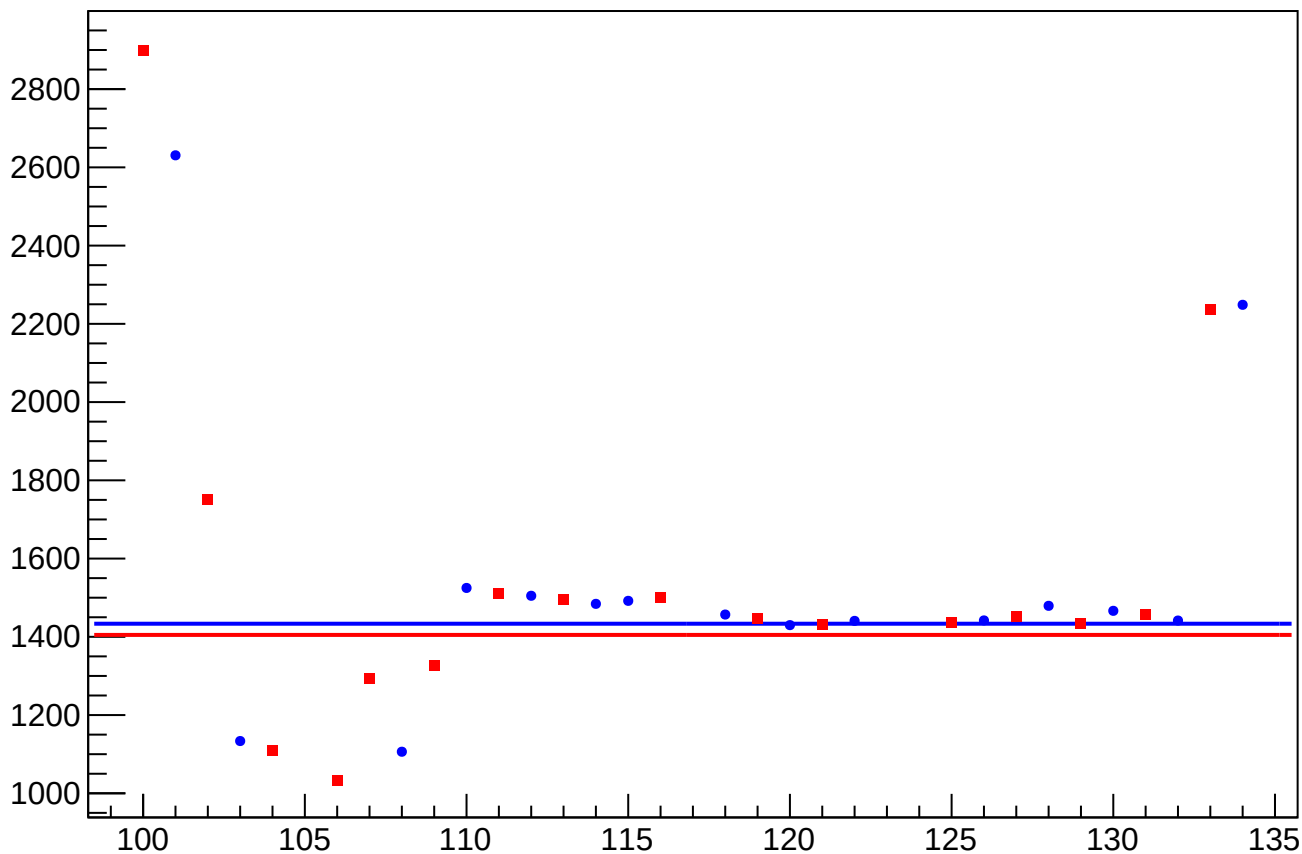
Right: -603.601+/-406.497 χ^2/NDF : 14.2/30

In: -863.922+/-582.144 χ^2/NDF : 4.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.601+/-406.497 χ^2/NDF : 14.2/30

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1433.475+/-0.412 χ^2/NDF : 528157.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1404.857+/-0.398 χ^2/NDF : 357734.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

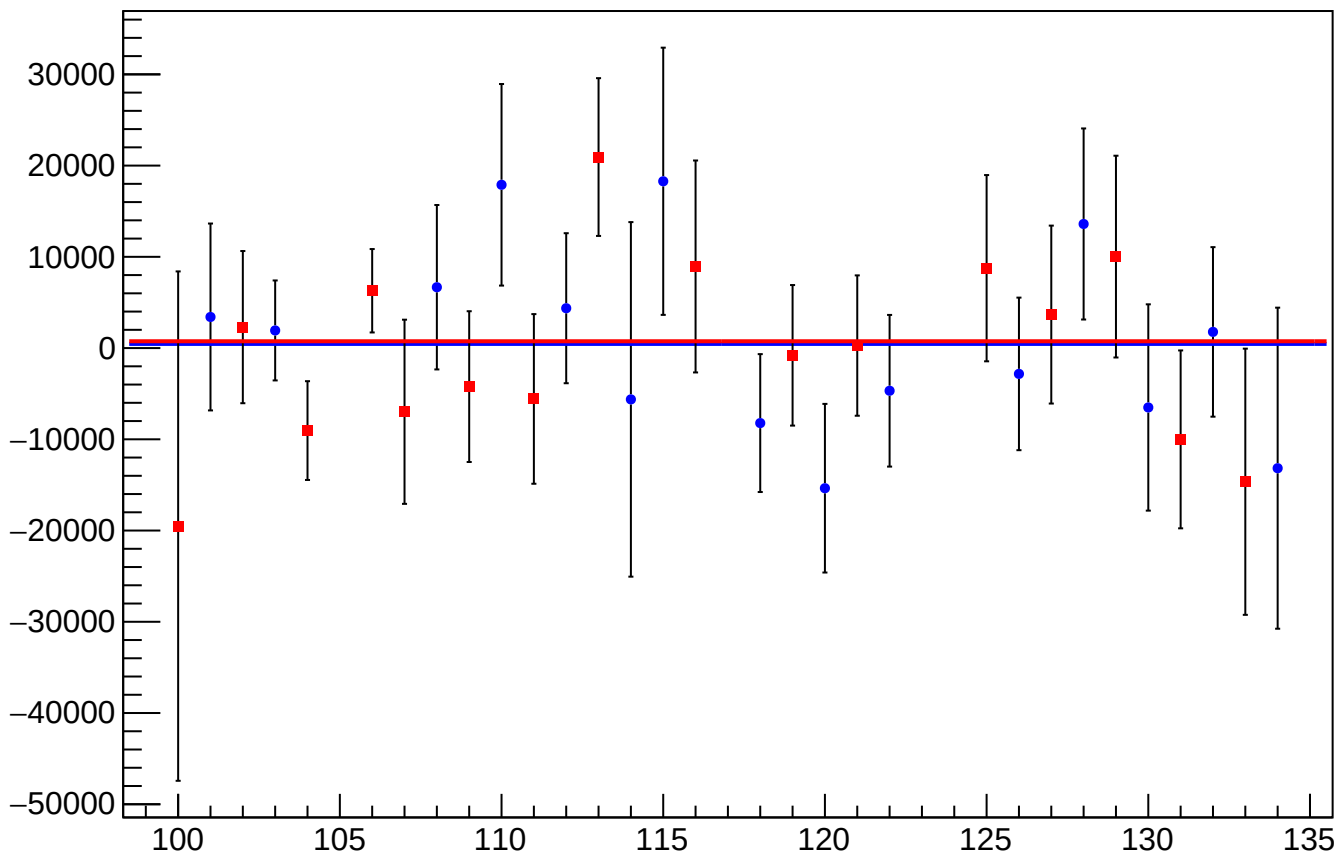
Right: 1418.697+/-0.286 χ^2/NDF : 888387.5/30

In: 1433.475+/-0.412 χ^2/NDF : 528157.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.697+/-0.286 χ^2/NDF : 888387.5/30

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 454.864 $\pm$ 2388.951 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 747.118 $\pm$ 2077.334 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

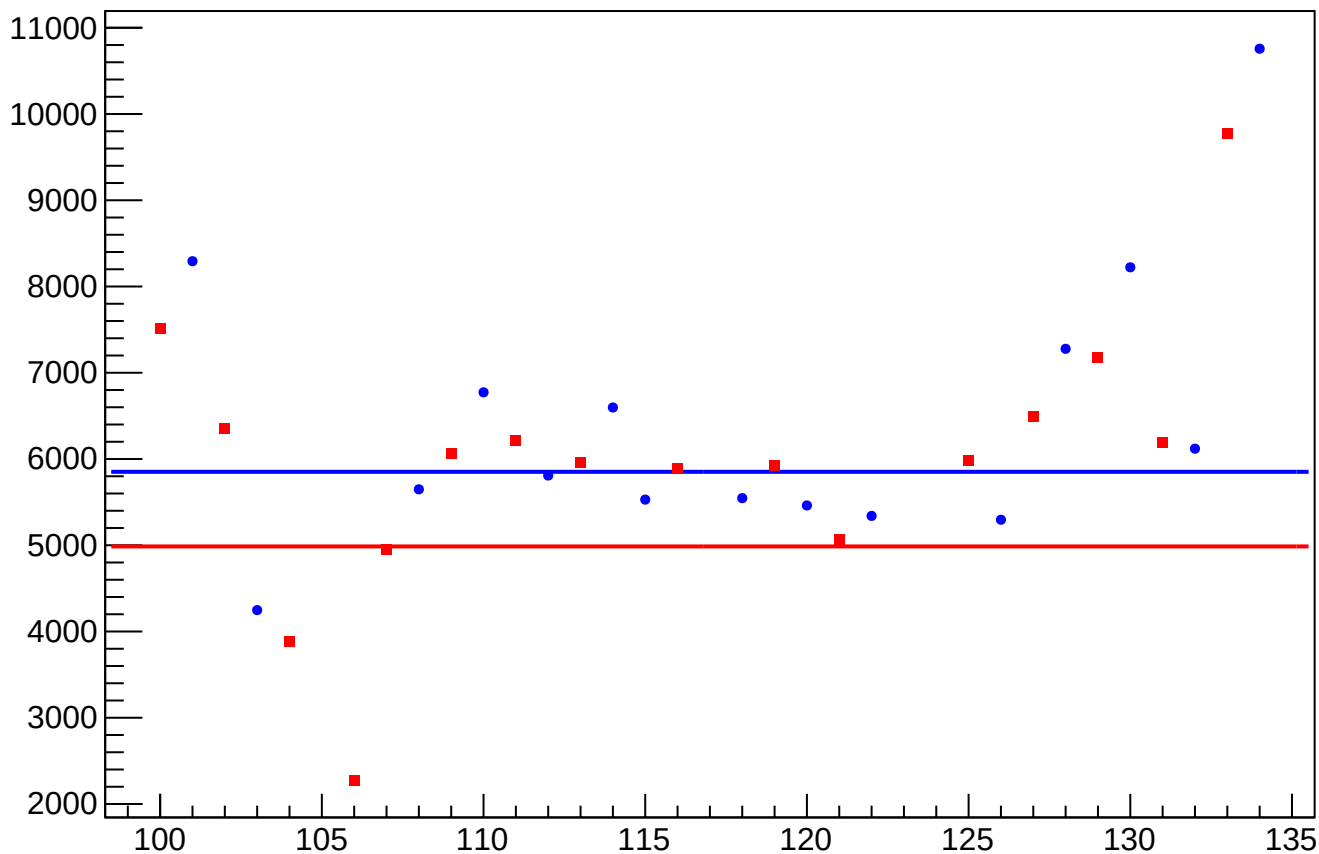
Right: 621.283 $\pm$ 1567.572 χ^2 /NDF: 28.7/30

In: 454.864 $\pm$ 2388.951 χ^2 /NDF:12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 621.283 $\pm$ 1567.572 χ^2 /NDF: 28.7/30

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5851.469+/-1.689 χ^2/NDF : 609340.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4986.280+/-1.469 χ^2/NDF : 1385165.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

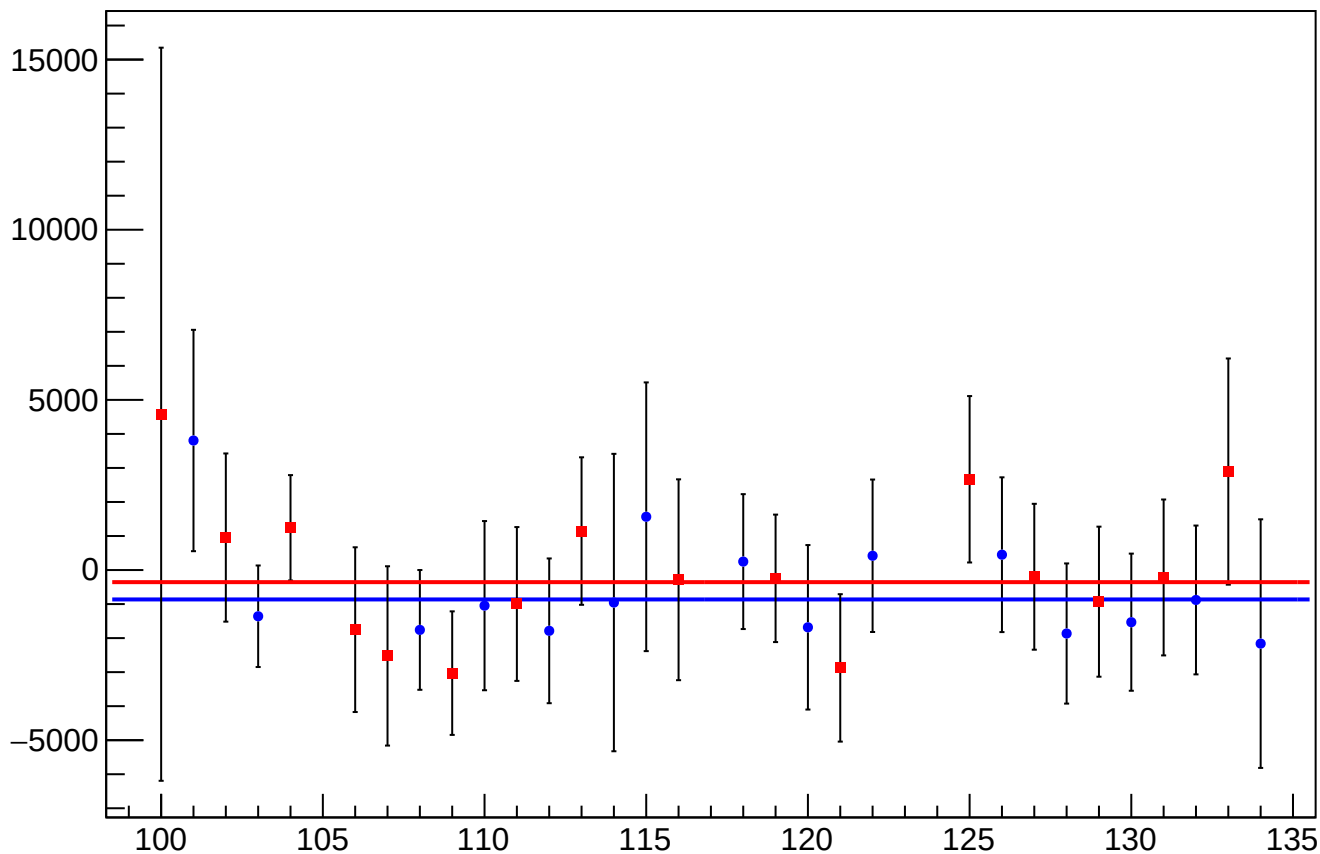
Right: 5358.802+/-1.108 χ^2/NDF : 2143881.2/30

In: 5851.469+/-1.689 χ^2/NDF : 609340.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5358.802+/-1.108 χ^2/NDF : 2143881.2/30

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -863.995+/-582.144 χ^2/NDF : 4.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.699+/-567.868 χ^2/NDF : 9.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

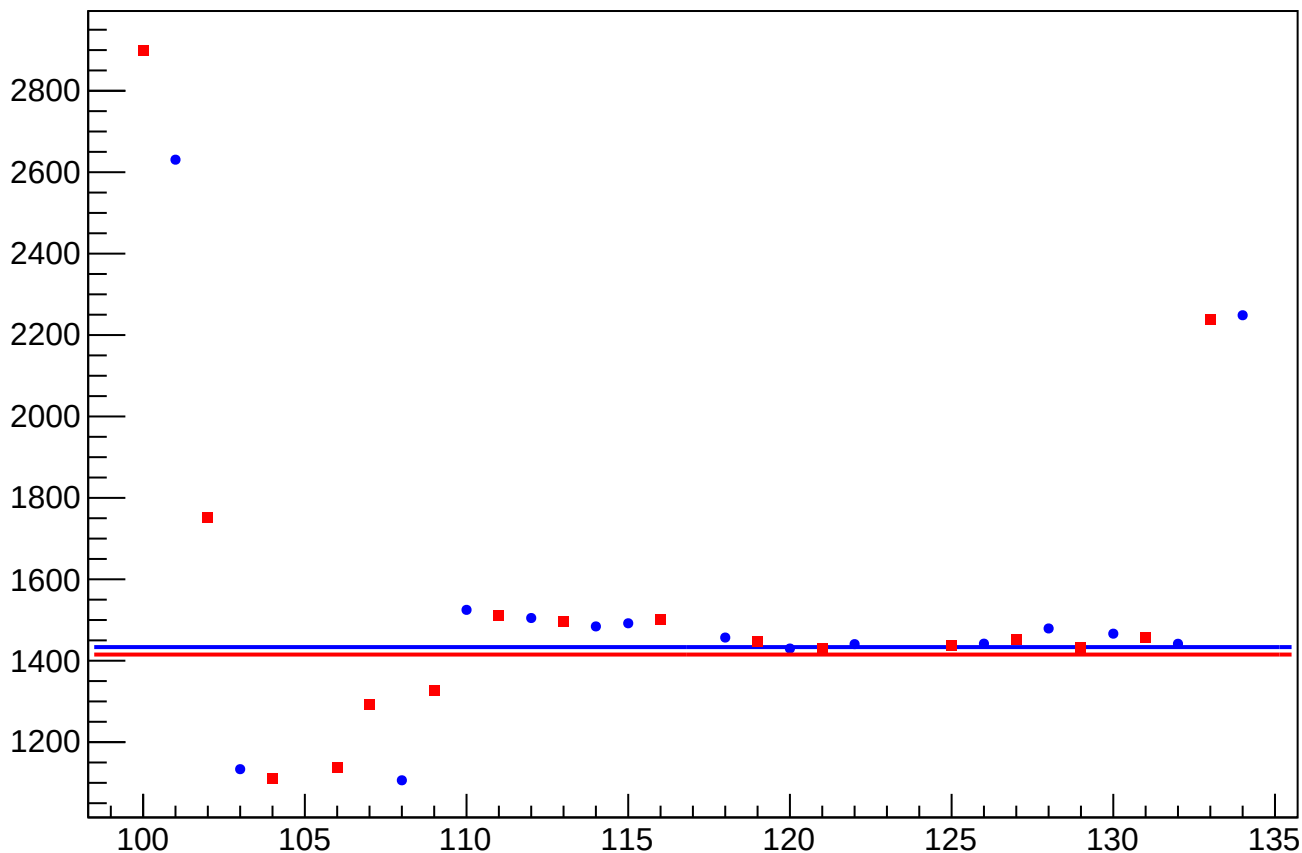
Right: -603.538+/-406.497 χ^2/NDF : 14.2/30

In: -863.995+/-582.144 χ^2/NDF : 4.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.538+/-406.497 χ^2/NDF : 14.2/30

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1433.474+/-0.412 χ^2/NDF : 528157.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1415.144+/-0.401 χ^2/NDF : 322948.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

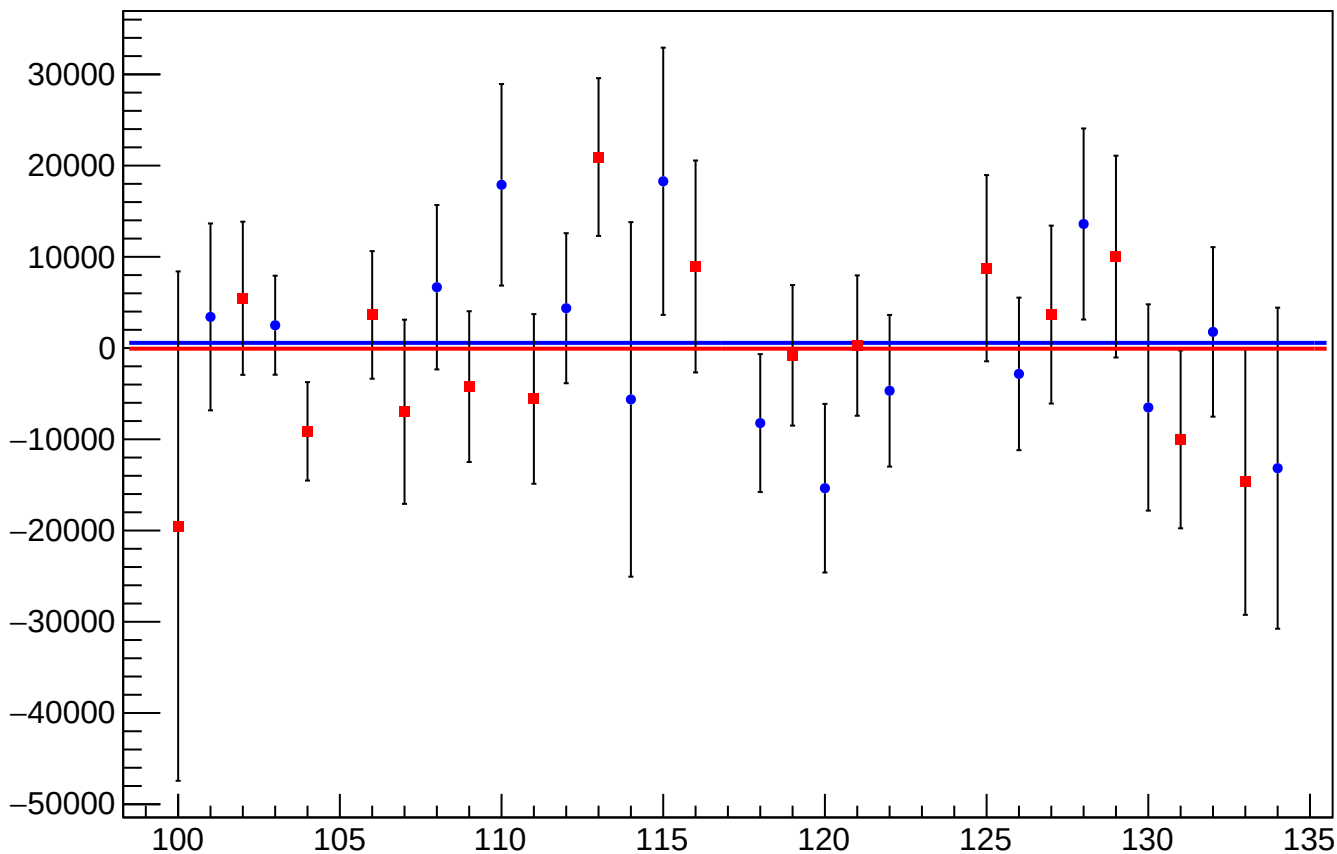
Right: 1424.059+/-0.287 χ^2/NDF : 852125.0/30

In: 1433.474+/-0.412 χ^2/NDF :528157.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1424.059+/-0.287 χ^2/NDF : 852125.0/30

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 570.880 $\pm$ 2384.549 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.397 $\pm$ 2211.952 χ^2 /NDF: 15.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

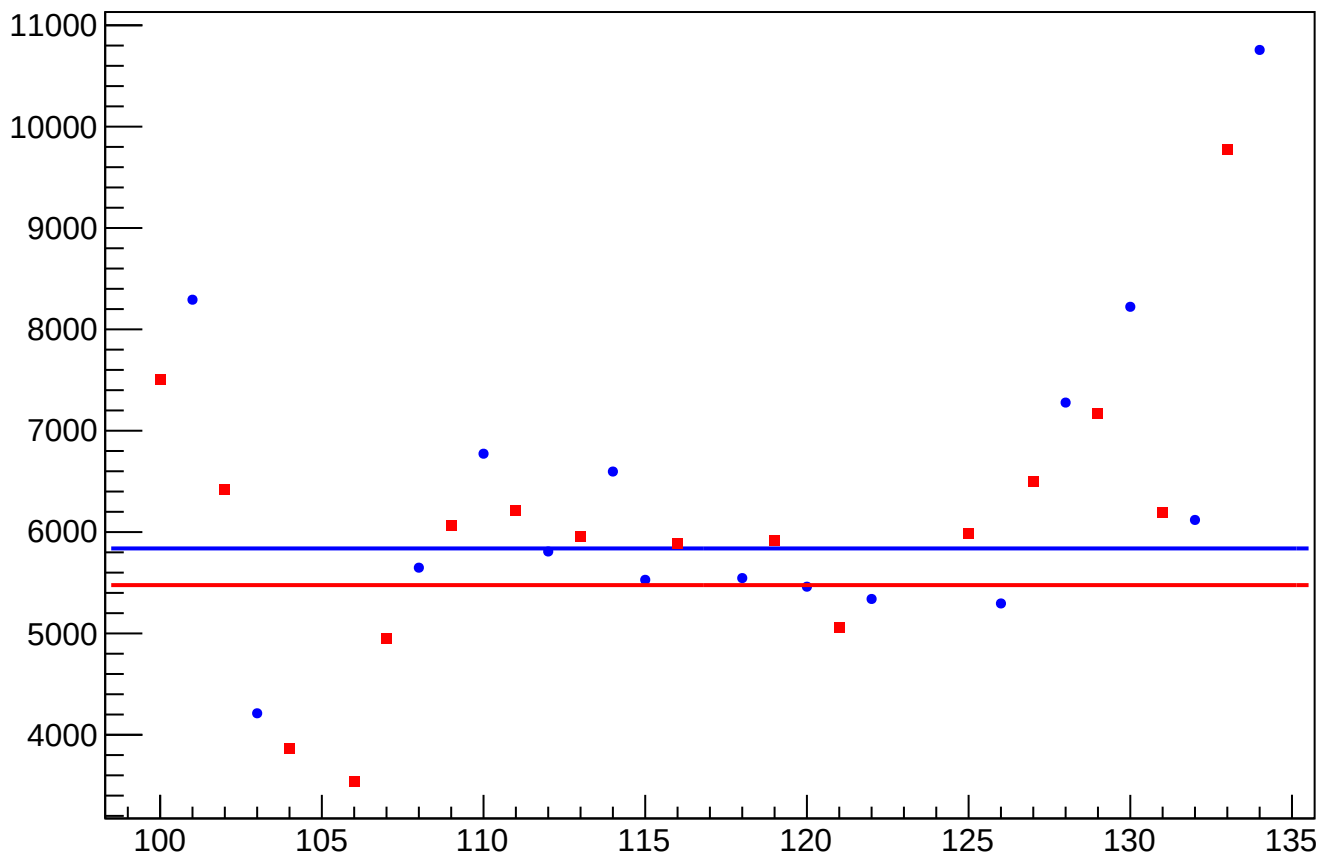
Right: 227.808 $\pm$ 1621.674 χ^2 /NDF: 27.8/30

In: 570.880 $\pm$ 2384.549 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.808 $\pm$ 1621.674 χ^2 /NDF: 27.8/30

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5838.652+/-1.686 χ^2/NDF : 620425.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5476.816+/-1.564 χ^2/NDF : 673738.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

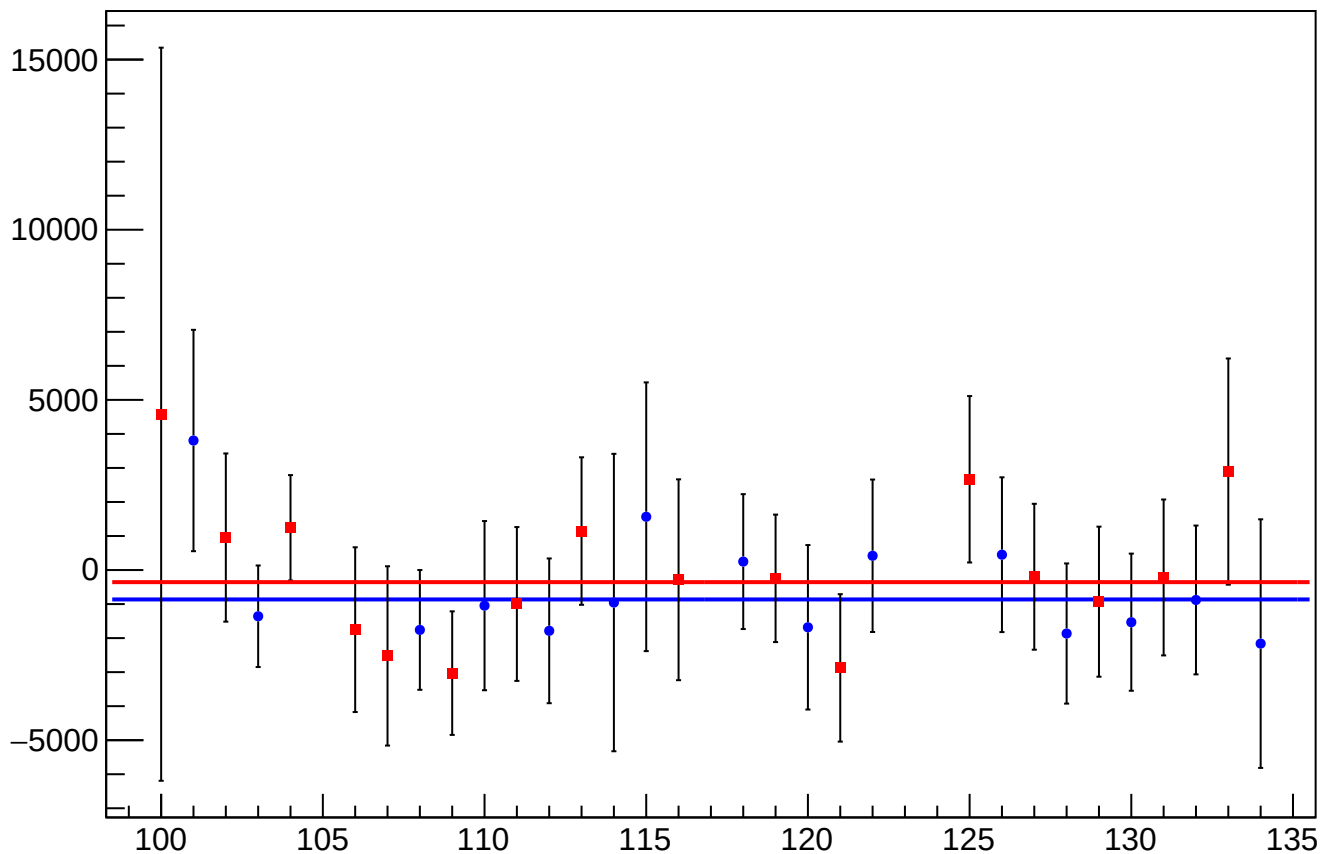
Right: 5644.166+/-1.147 χ^2/NDF : 1318916.0/30

In: 5838.652+/-1.686 χ^2/NDF : 620425.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5644.166+/-1.147 χ^2/NDF : 1318916.0/30

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -863.995+/-582.144 χ^2/NDF : 4.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.699+/-567.868 χ^2/NDF : 9.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

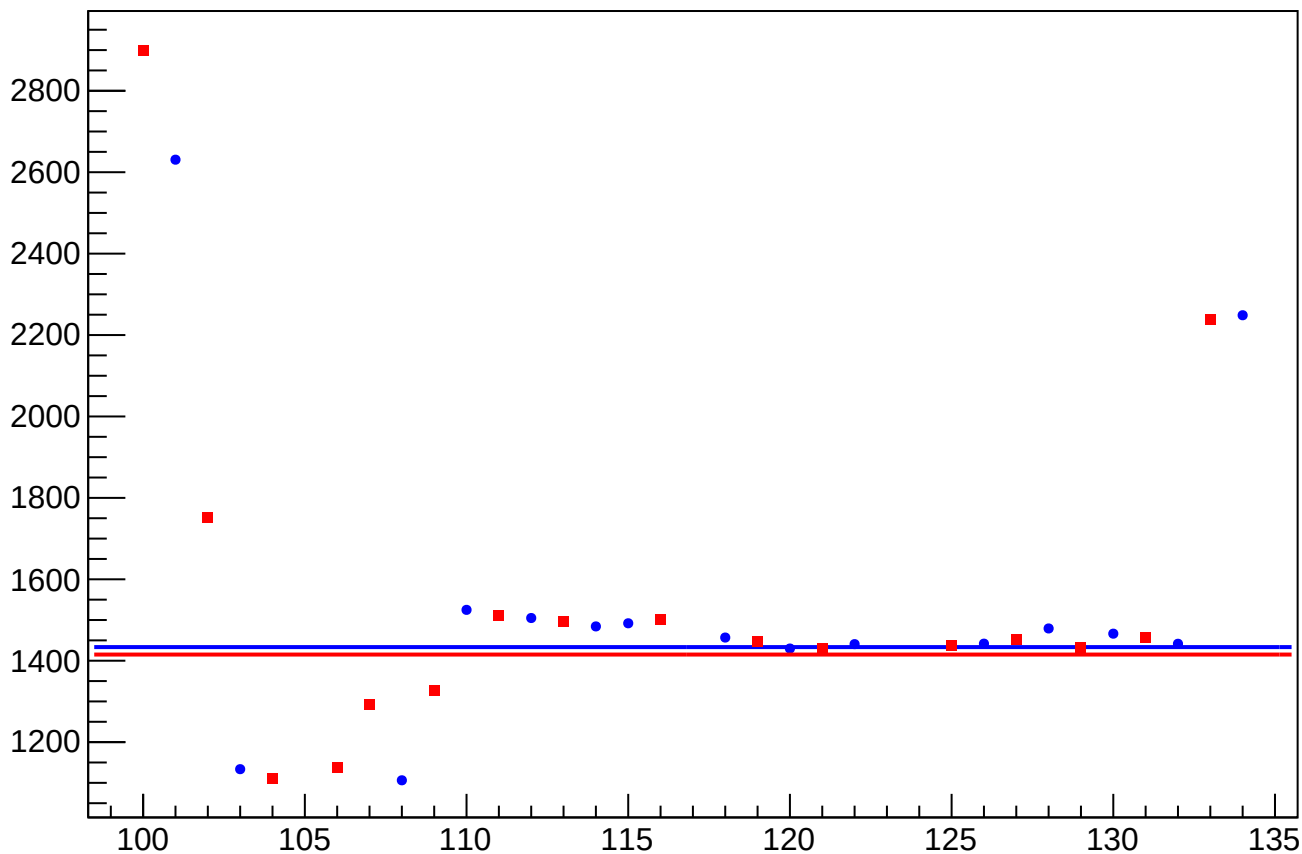
Right: -603.538+/-406.497 χ^2/NDF : 14.2/30

In: -863.995+/-582.144 χ^2/NDF : 4.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.538+/-406.497 χ^2/NDF : 14.2/30

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1433.474+/-0.412 χ^2/NDF : 528157.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1415.144+/-0.401 χ^2/NDF : 322948.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

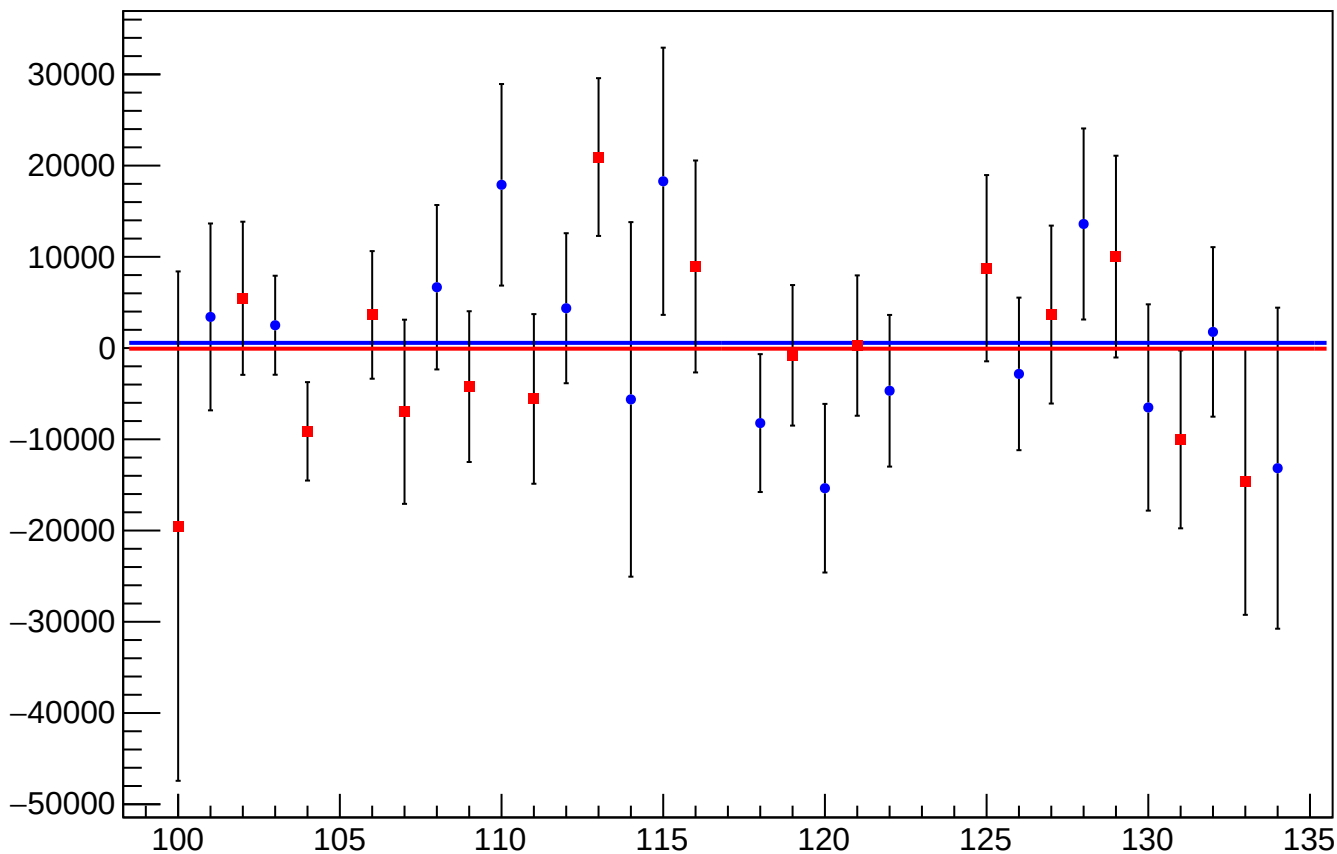
Right: 1424.059+/-0.287 χ^2/NDF : 852125.0/30

In: 1433.474+/-0.412 χ^2/NDF :528157.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1424.059+/-0.287 χ^2/NDF : 852125.0/30

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 570.880 $\pm$ 2384.549 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.397 $\pm$ 2211.952 χ^2 /NDF: 15.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

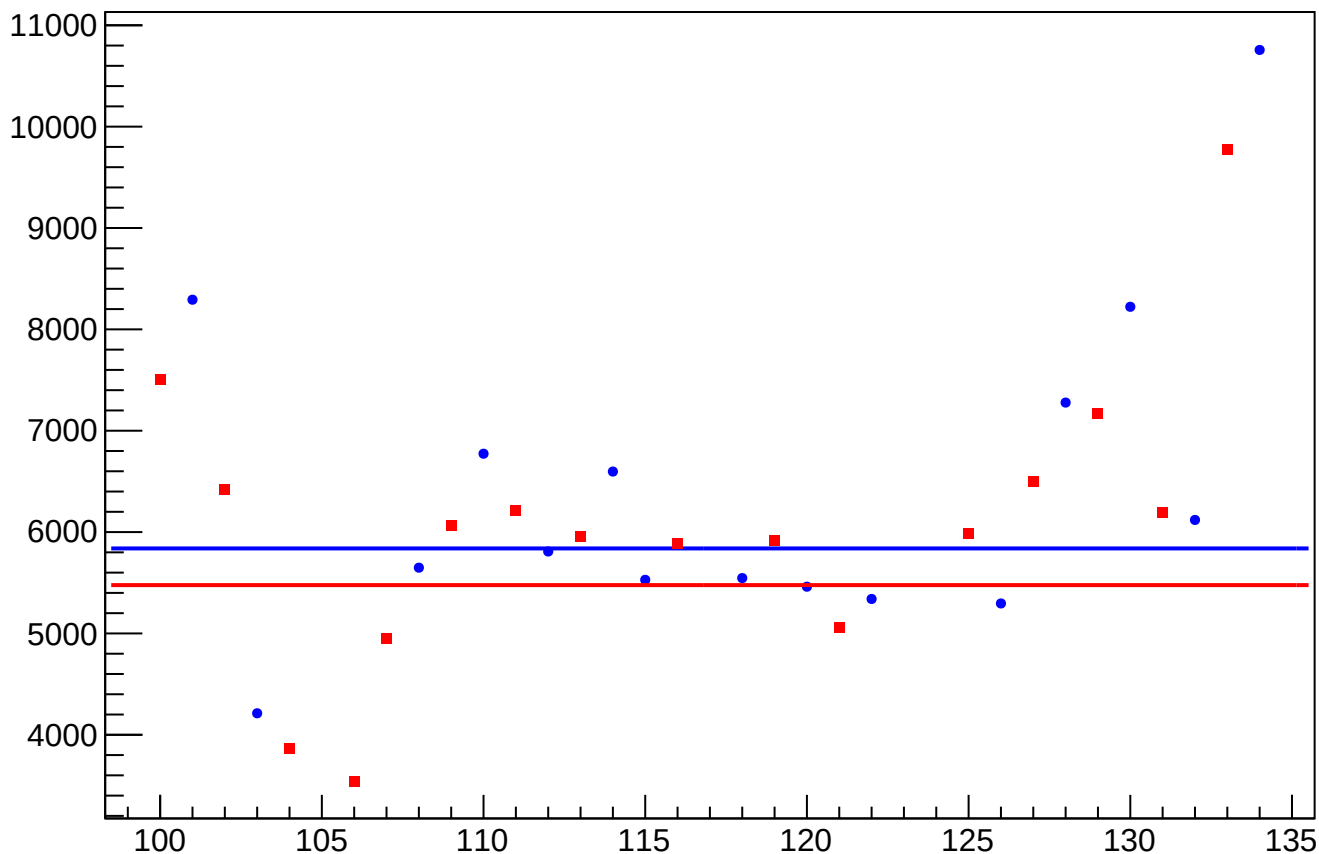
Right: 227.808 $\pm$ 1621.674 χ^2 /NDF: 27.8/30

In: 570.880 $\pm$ 2384.549 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.808 $\pm$ 1621.674 χ^2 /NDF: 27.8/30

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5838.652+/-1.686 χ^2/NDF : 620425.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5476.816+/-1.564 χ^2/NDF : 673738.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

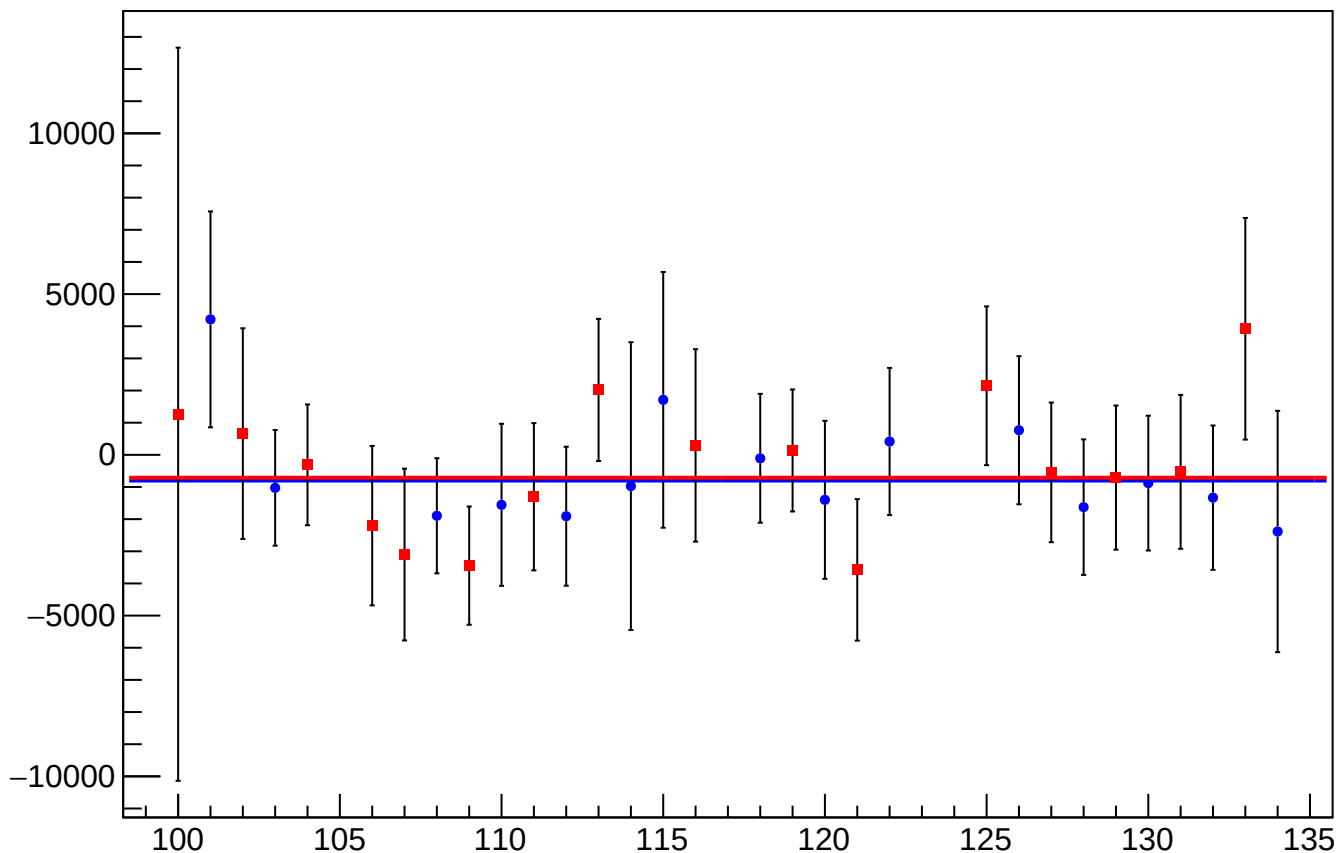
Right: 5644.166+/-1.147 χ^2/NDF : 1318916.0/30

In: 5838.652+/-1.686 χ^2/NDF : 620425.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5644.166+/-1.147 χ^2/NDF : 1318916.0/30

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -798.018+/-607.415 χ^2/NDF : 4.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -711.923+/-596.833 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

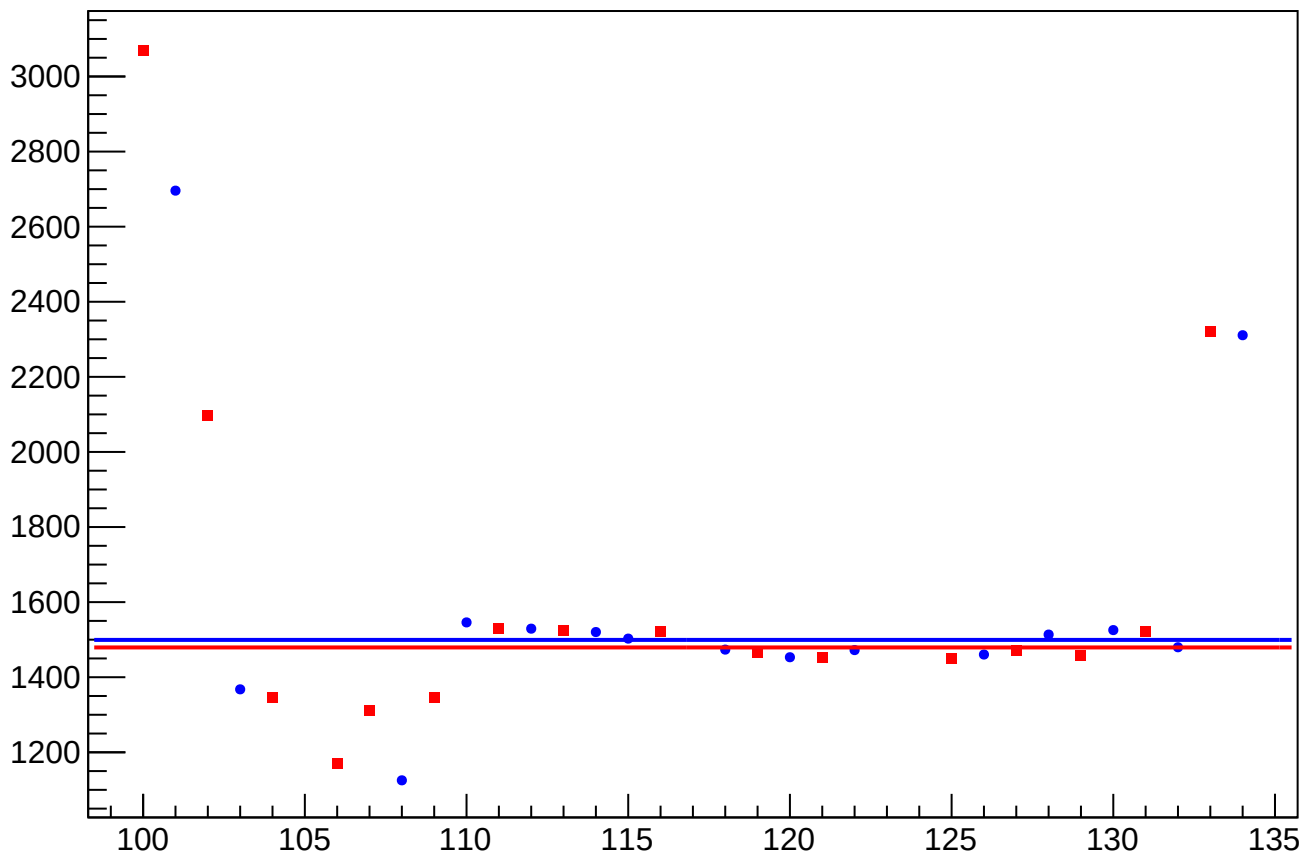
Right: -754.214+/-425.717 χ^2/NDF : 15.1/30

In: -798.018+/-607.415 χ^2/NDF : 4.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.214+/-425.717 χ^2/NDF : 15.1/30

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1499.384+/-0.430 χ^2/NDF : 449007.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.294+/-0.422 χ^2/NDF : 292649.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

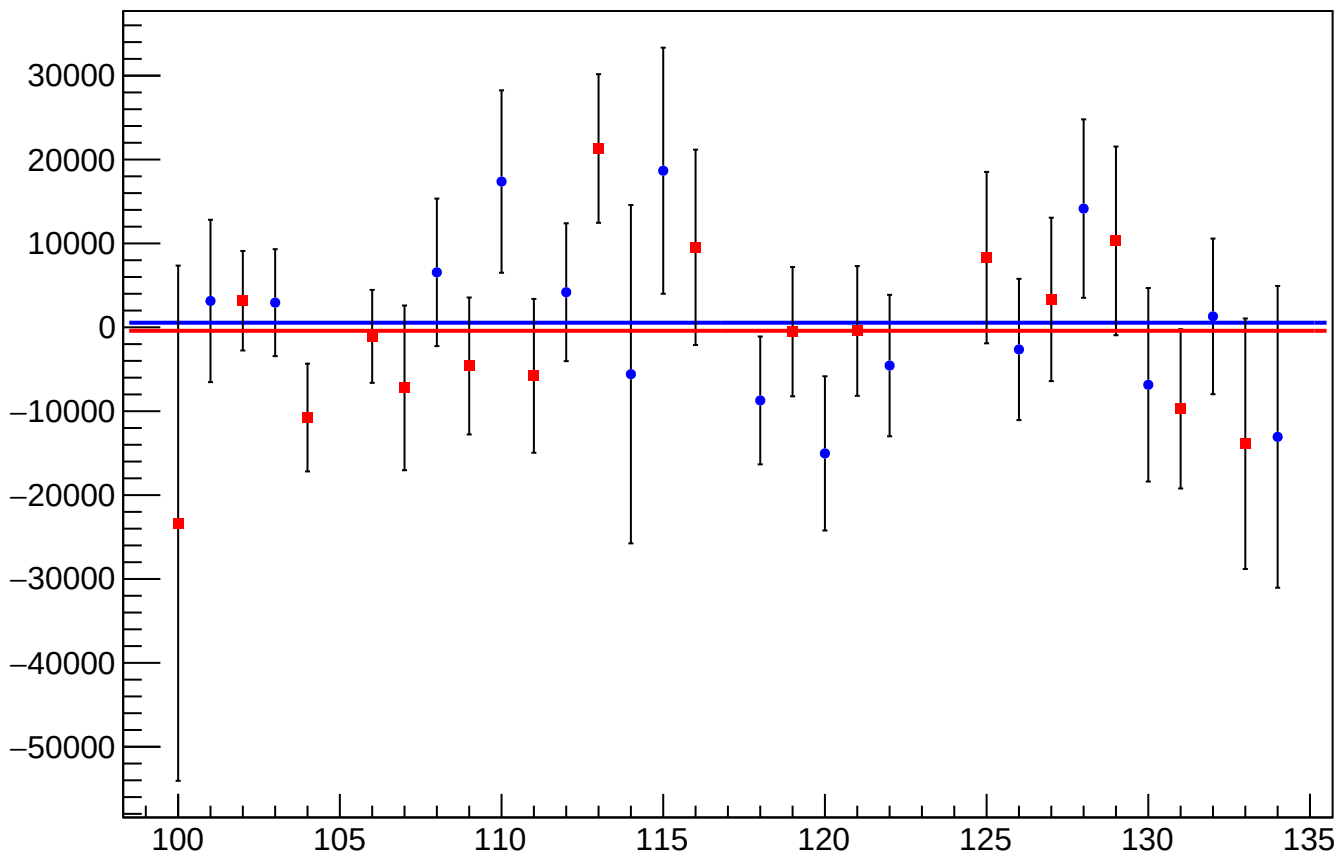
Right: 1489.159+/-0.301 χ^2/NDF : 742771.1/30

In: 1499.384+/-0.430 χ^2/NDF : 449007.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.159+/-0.301 χ^2/NDF : 742771.1/30

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 550.177 $\pm$ 2447.944 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -412.992 $\pm$ 2127.844 χ^2 /NDF: 14.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

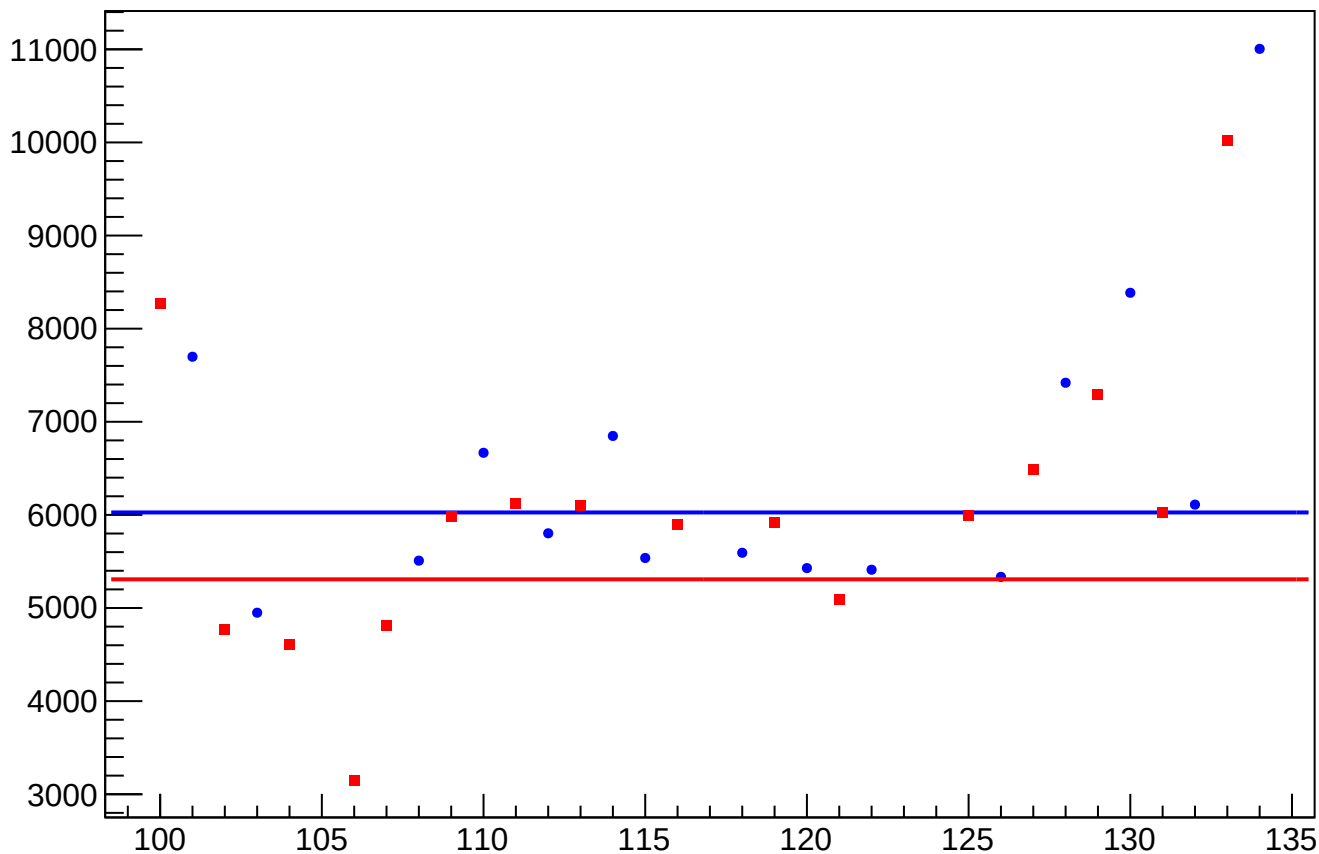
Right: 1.542 $\pm$ 1605.944 χ^2 /NDF: 27.4/30

In: 550.177 $\pm$ 2447.944 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.542 $\pm$ 1605.944 χ^2 /NDF: 27.4/30

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 6026.235+/-1.731 χ^2 /NDF: 448078.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5308.220+/-1.505 χ^2 /NDF: 744286.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

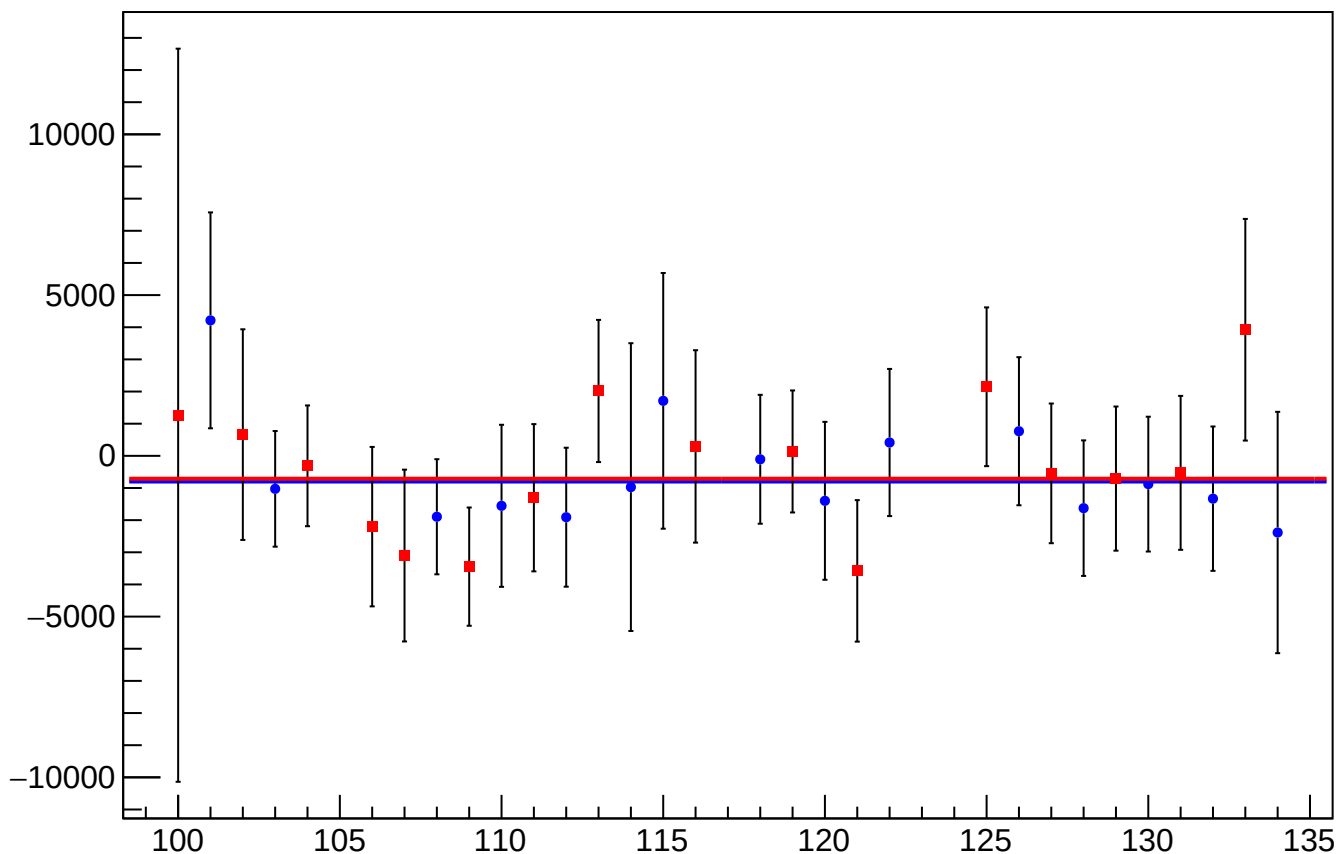
Right: 5617.244+/-1.136 χ^2 /NDF: 1290376.5/30

In: 6026.235+/-1.731 χ^2 /NDF:448078.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5617.244+/-1.136 χ^2 /NDF: 1290376.5/30

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -798.021+/-607.415 χ^2/NDF : 4.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -711.933+/-596.833 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

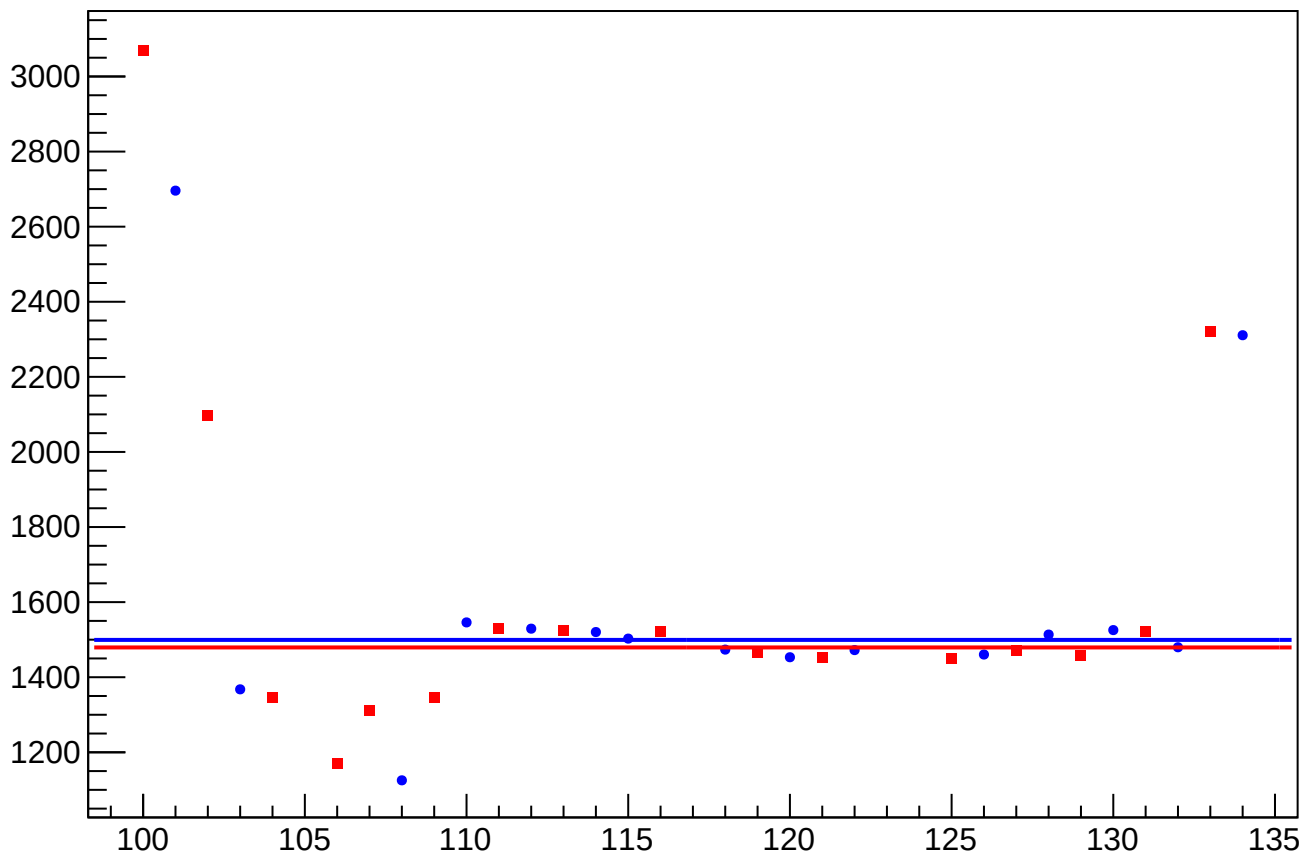
Right: -754.220+/-425.717 χ^2/NDF : 15.1/30

In: -798.021+/-607.415 χ^2/NDF : 4.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.220+/-425.717 χ^2/NDF : 15.1/30

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1499.384+/-0.430 χ^2/NDF : 449007.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.294+/-0.422 χ^2/NDF : 292649.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

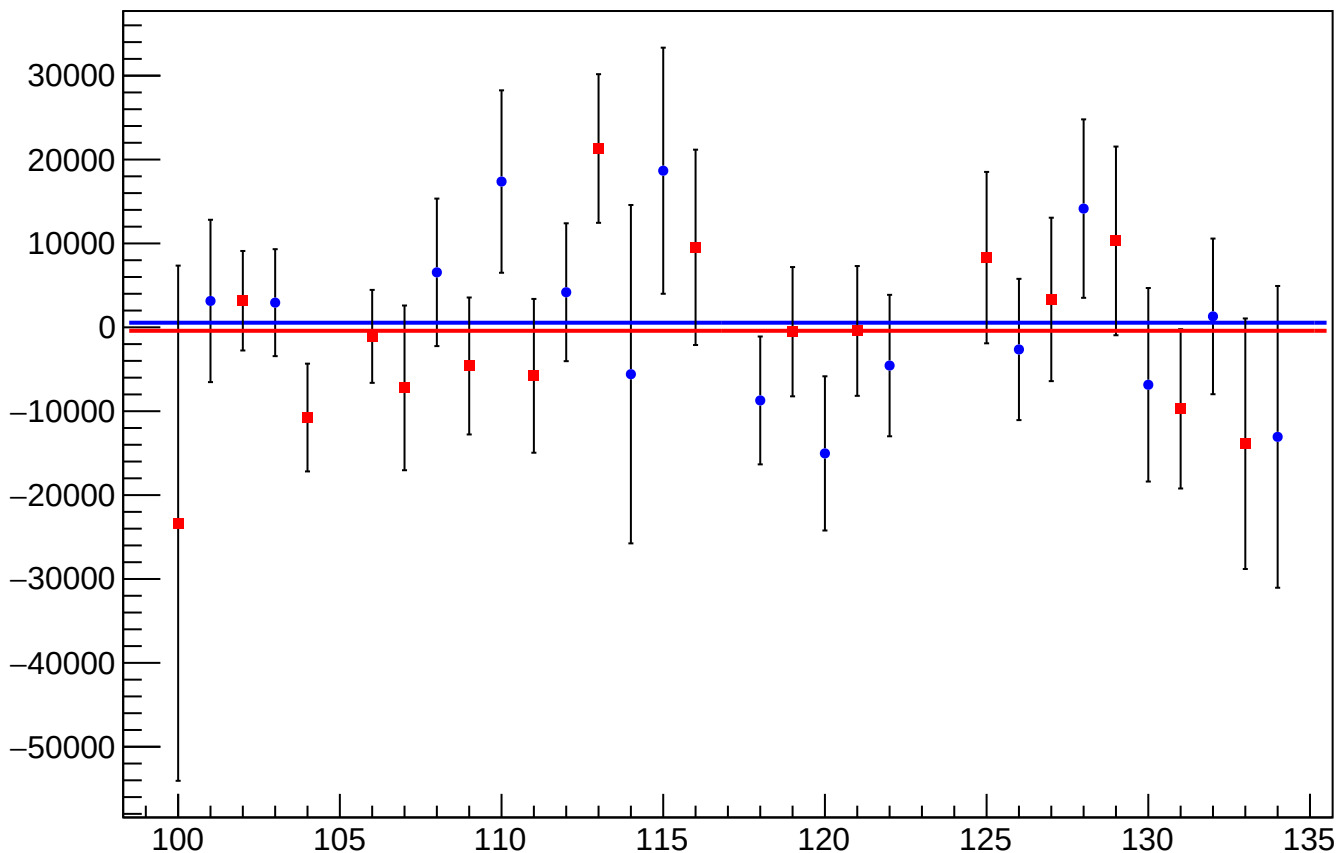
Right: 1489.159+/-0.301 χ^2/NDF : 742770.3/30

In: 1499.384+/-0.430 χ^2/NDF : 449007.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.159+/-0.301 χ^2/NDF : 742770.3/30

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 550.168 $\pm$ 2447.937 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -412.999 $\pm$ 2127.839 χ^2 /NDF: 14.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

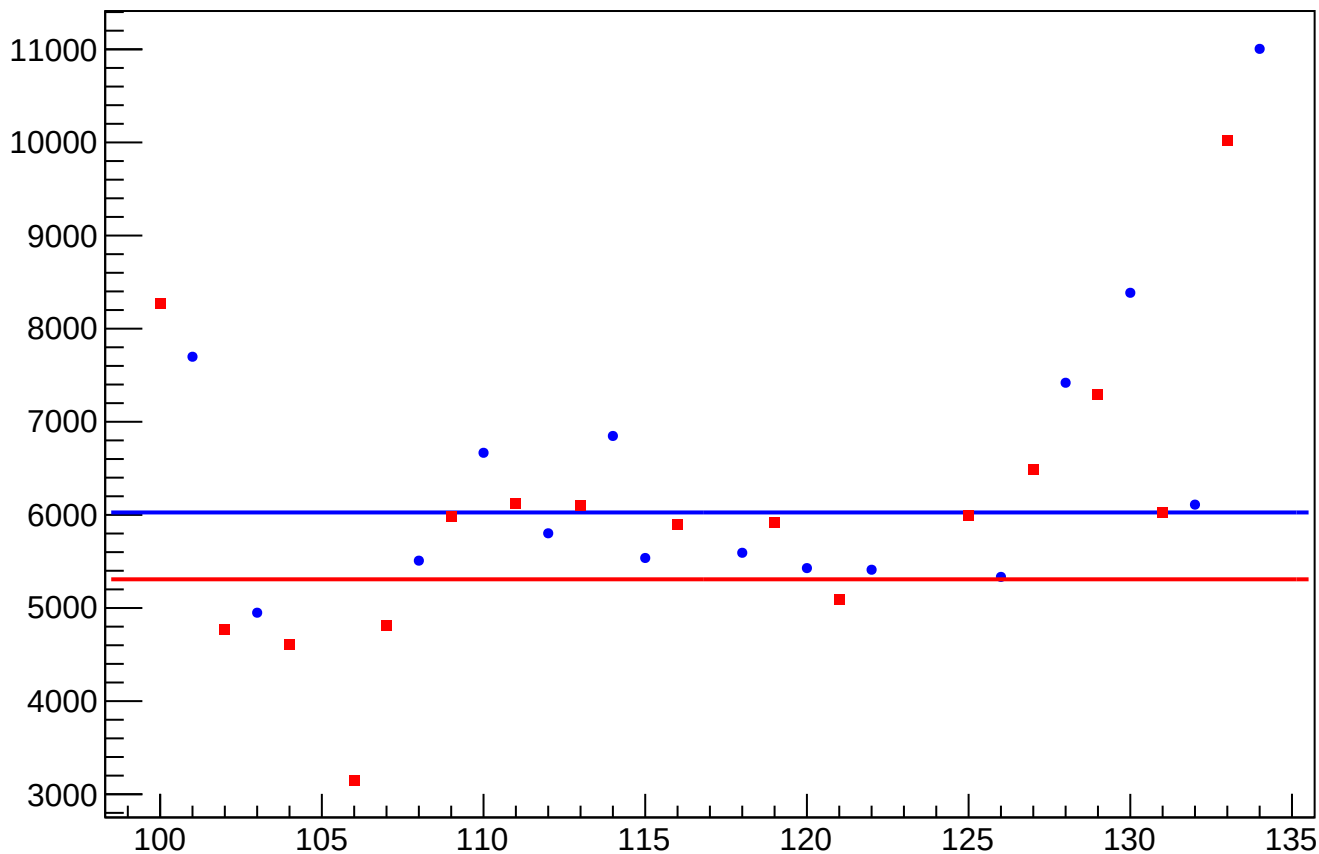
Right: 1.535 $\pm$ 1605.940 χ^2 /NDF: 27.4/30

In: 550.168 $\pm$ 2447.937 χ^2 /NDF:12.4/14

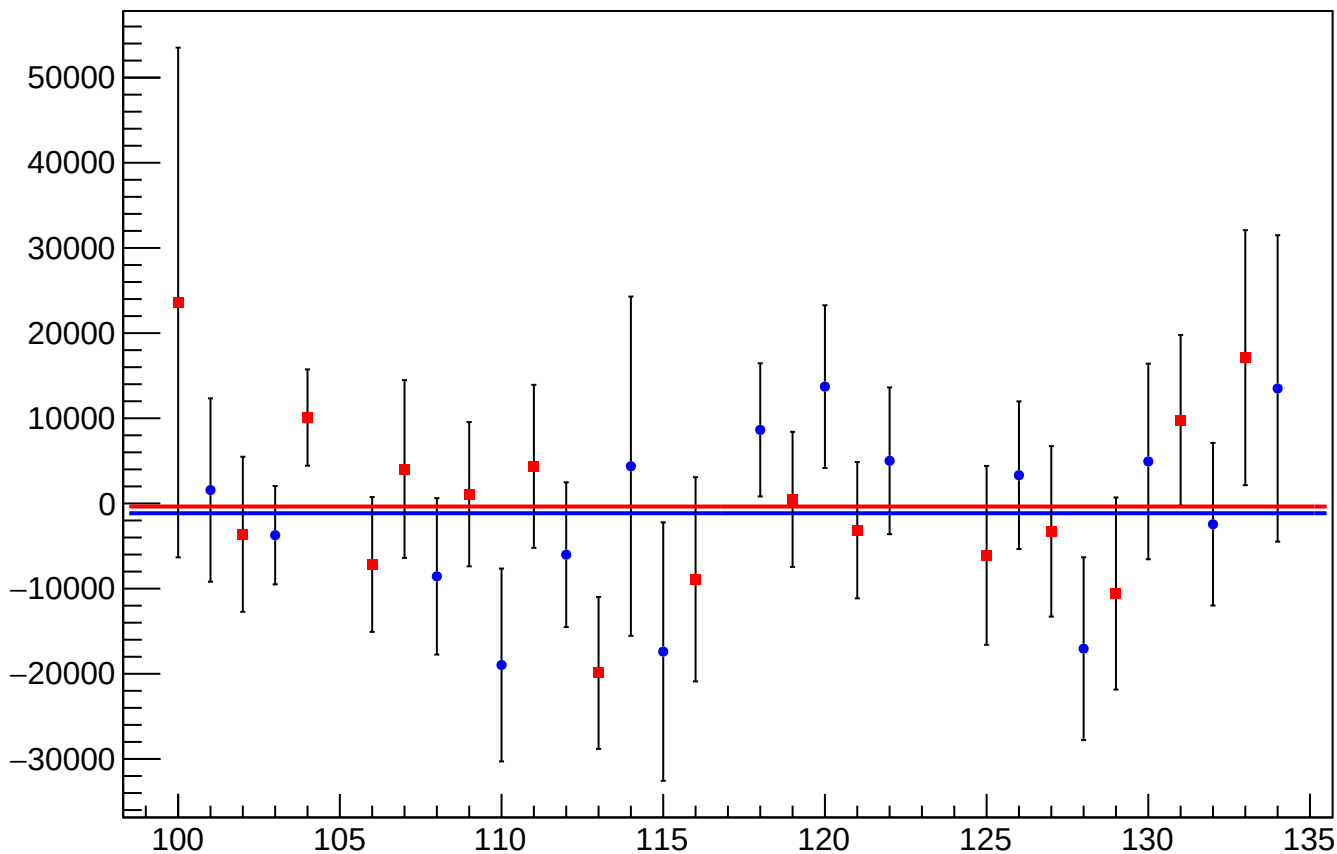
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.535 $\pm$ 1605.940 χ^2 /NDF: 27.4/30

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1149.938 ± 2473.678 $\chi^2/\text{NDF}: 12.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -360.590 ± 2313.378 $\chi^2/\text{NDF}: 14.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

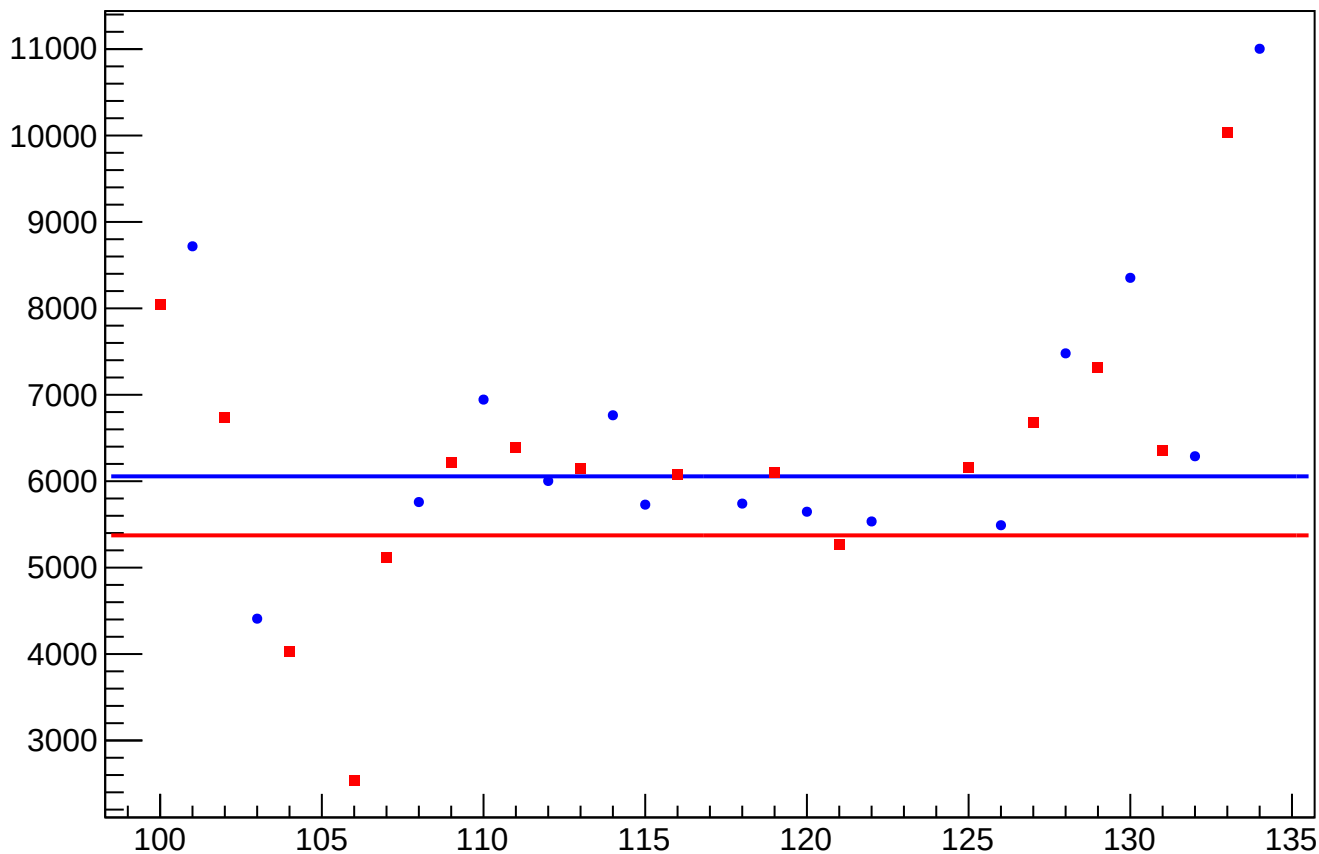
Right: -728.861 ± 1689.635 $\chi^2/\text{NDF}: 27.3/30$

In: -1149.938 ± 2473.678 $\chi^2/\text{NDF}: 12.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -728.861 ± 1689.635 $\chi^2/\text{NDF}: 27.3/30$

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 6056.189+/-1.749 χ^2/NDF : 593370.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5373.194+/-1.573 χ^2/NDF : 1075049.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

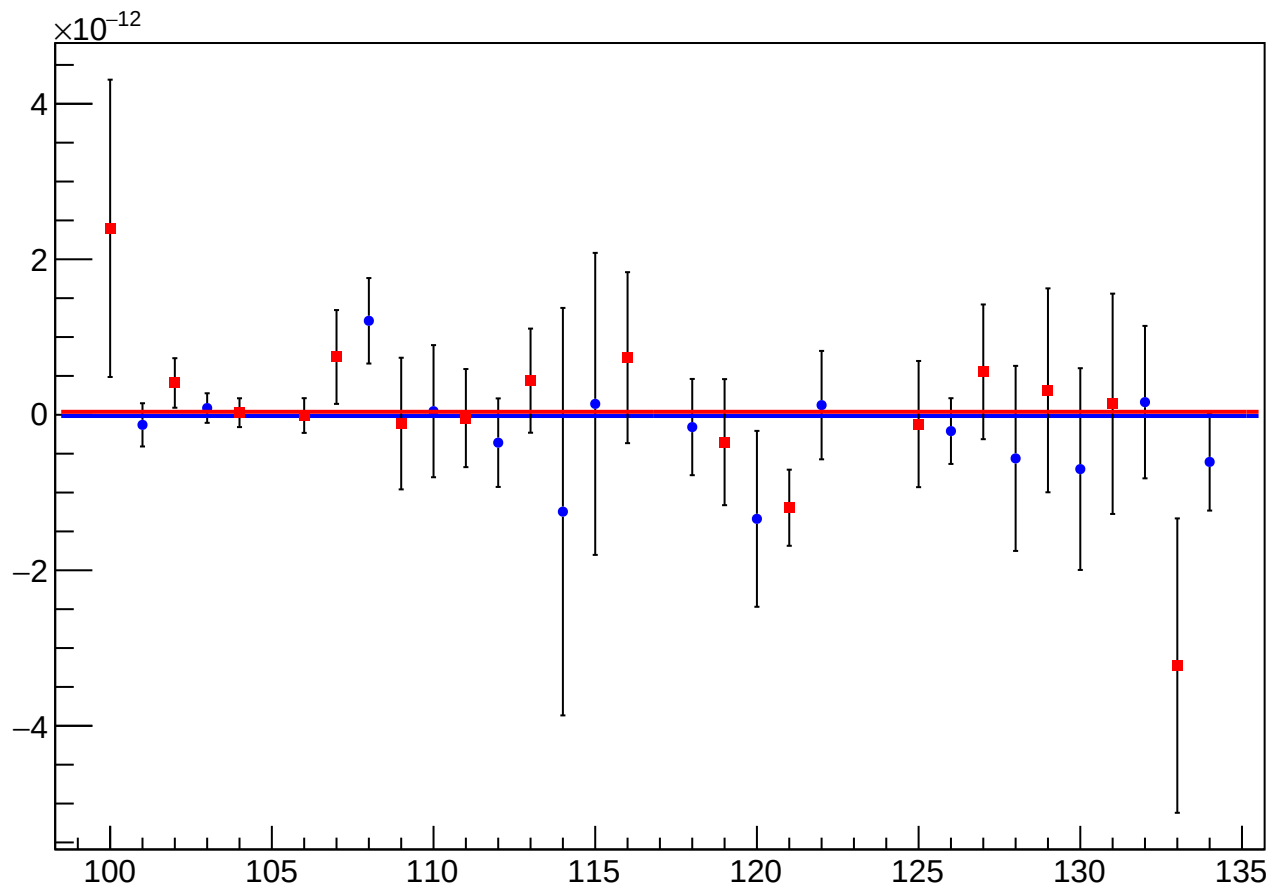
Right: 5678.533+/-1.170 χ^2/NDF : 1752727.8/30

In: 6056.189+/-1.749 χ^2/NDF : 593370.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5678.533+/-1.170 χ^2/NDF : 1752727.8/30

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

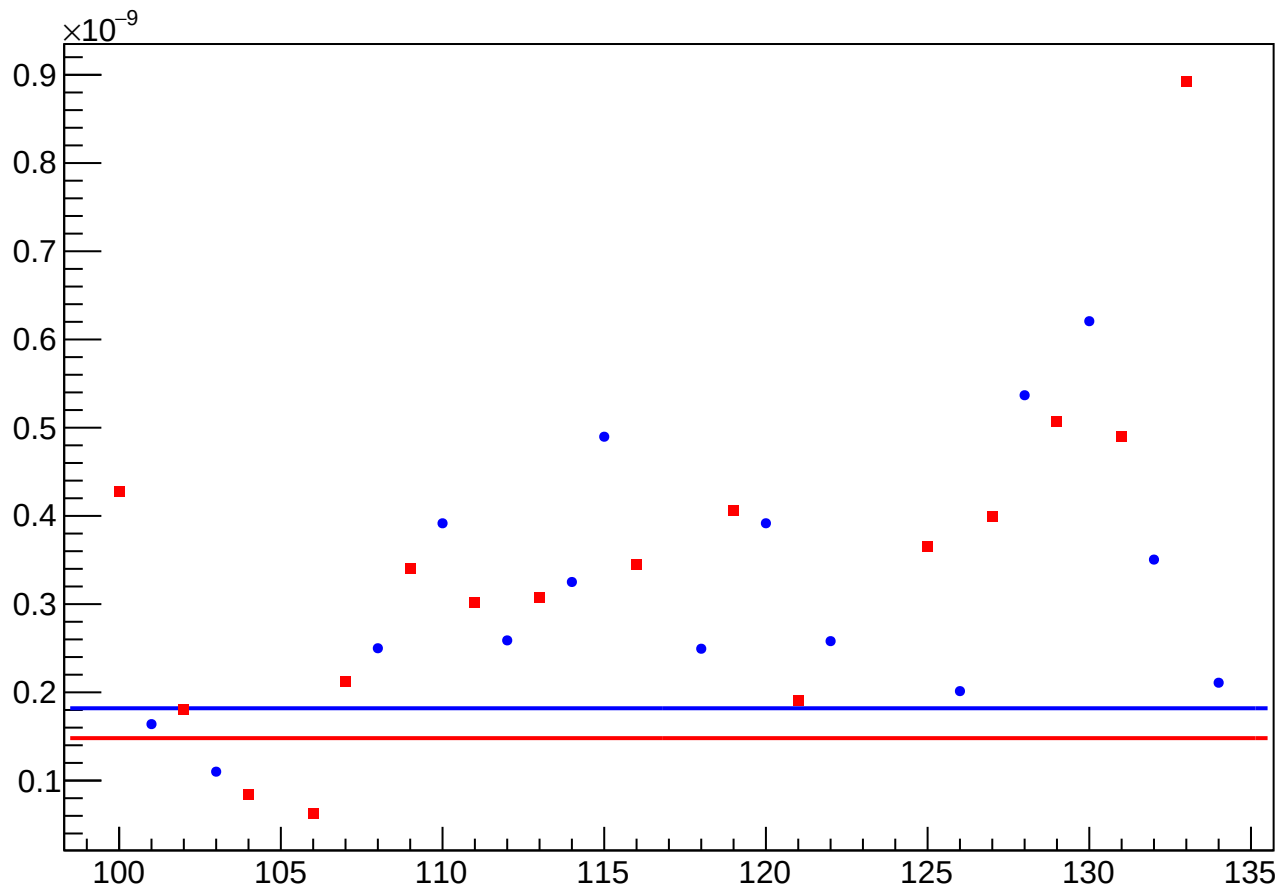
Right: 0.000+/-0.000 χ^2/NDF : 24.3/30

In: -0.000+/-0.000 χ^2/NDF : 9.1/14

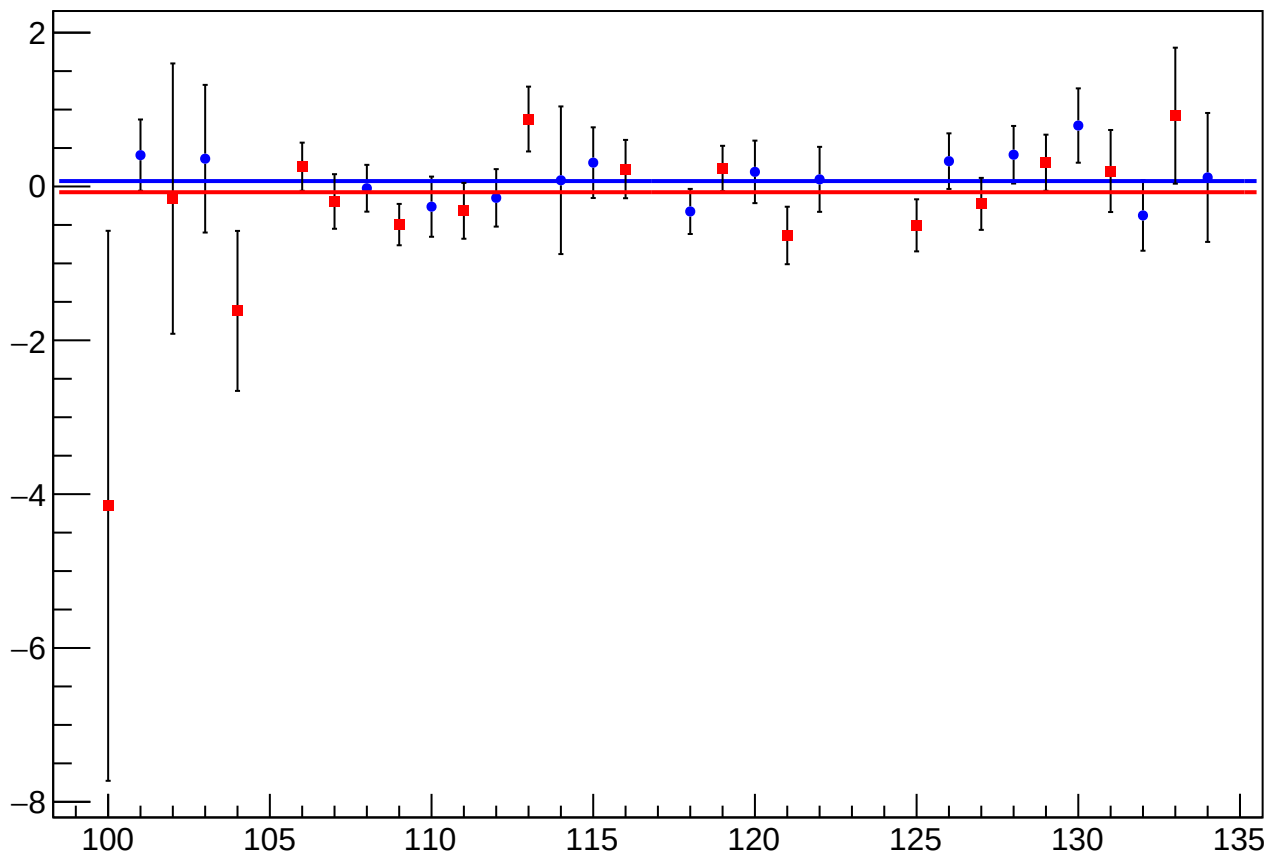
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.3/30

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.109 χ^2 /NDF: 8.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

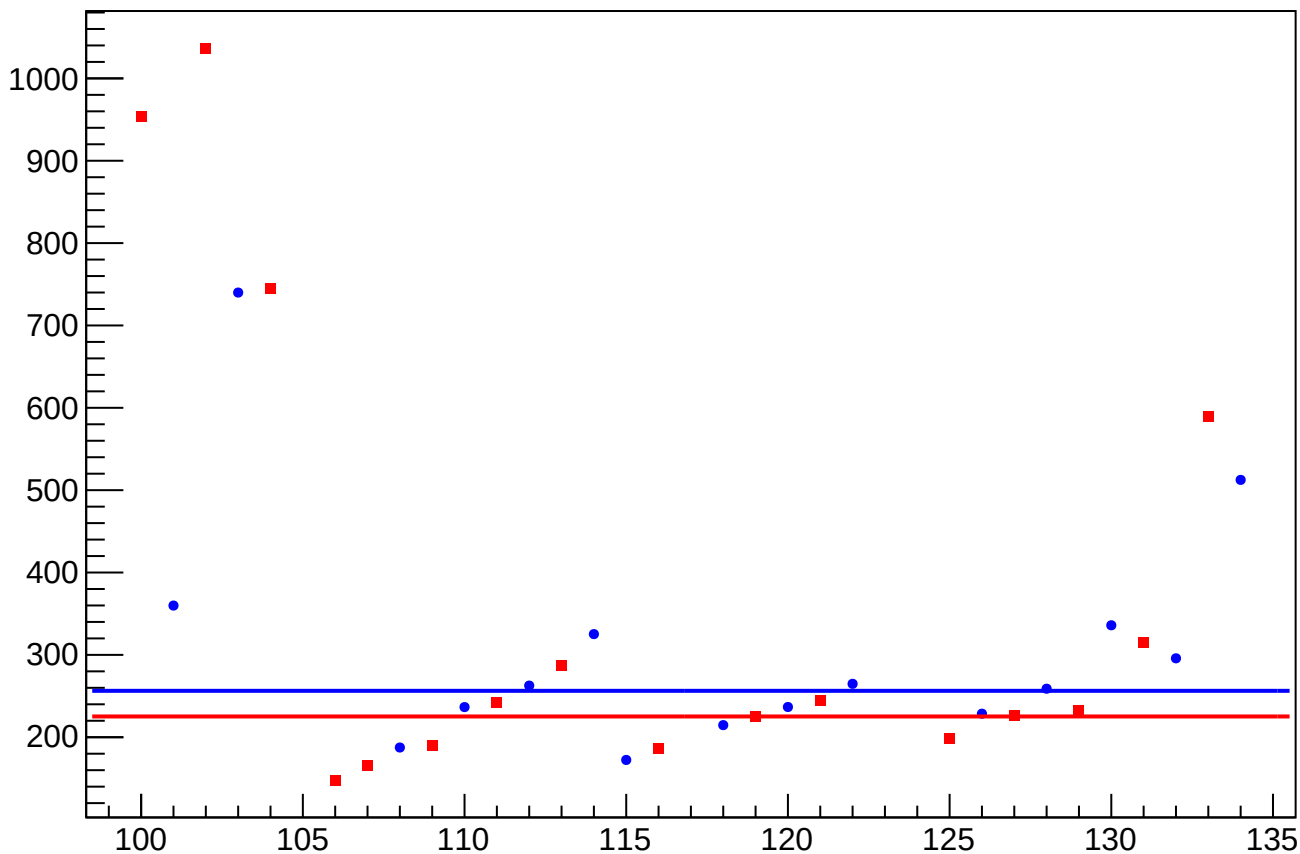
Right: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

In: 0.070 $\pm$ 0.109 χ^2 /NDF:8.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 256.350+/-0.077 χ^2/NDF : 1106049.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 225.231+/-0.070 χ^2/NDF : 1706337.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

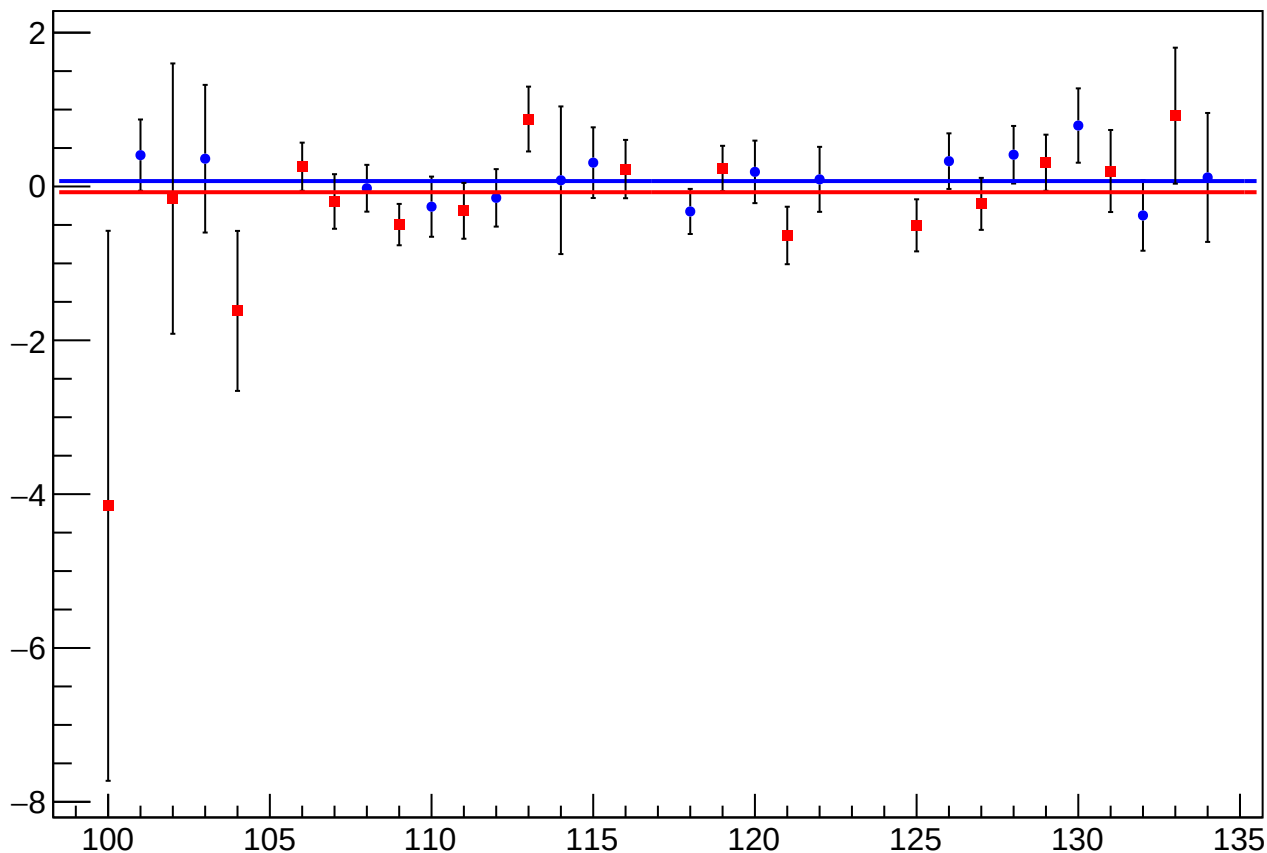
Right: 239.345+/-0.052 χ^2/NDF : 2901935.5/30

In: 256.350+/-0.077 χ^2/NDF :1106049.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 239.345+/-0.052 χ^2/NDF : 2901935.5/30

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.109 χ^2 /NDF: 8.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

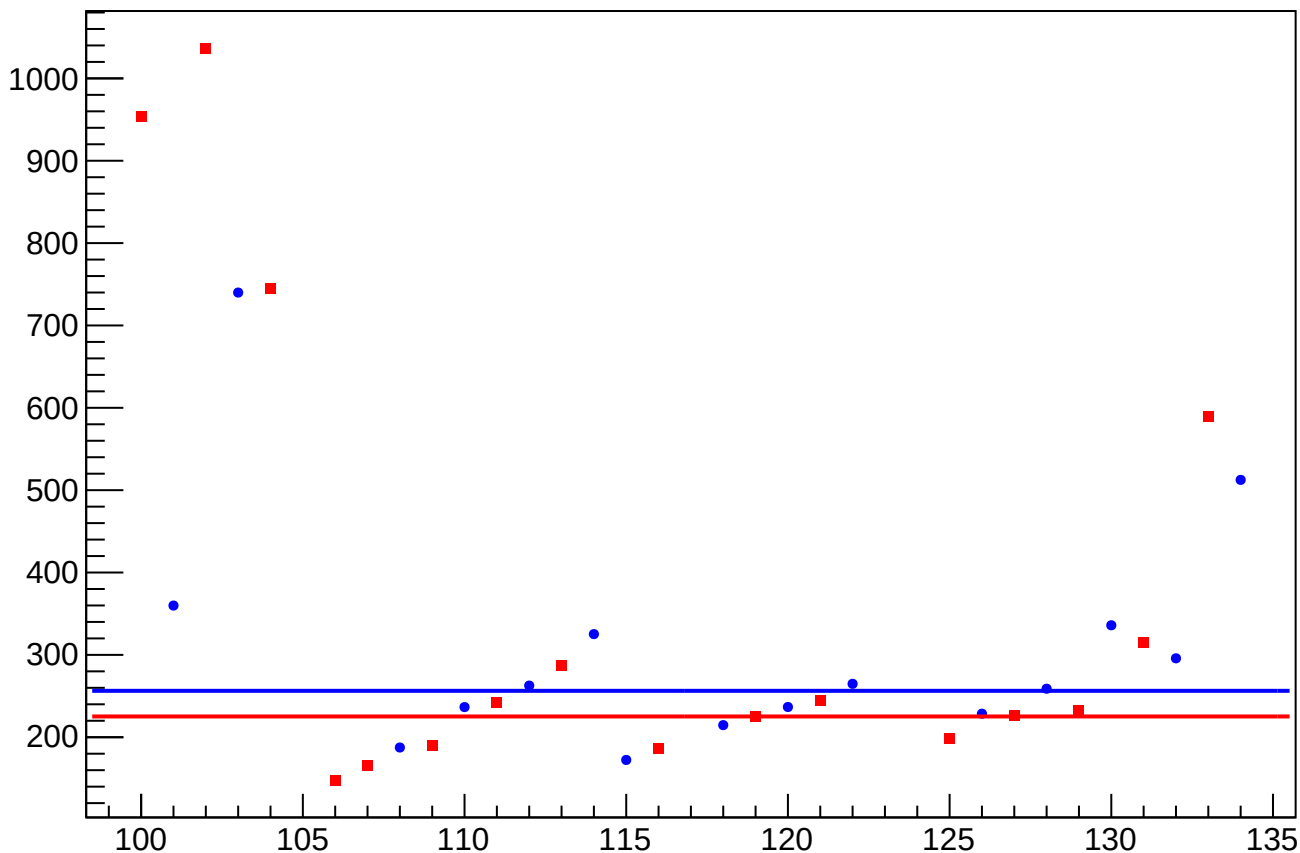
Right: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

In: 0.070 $\pm$ 0.109 χ^2 /NDF:8.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 256.350+/-0.077 χ^2/NDF : 1106049.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.231+/-0.070 χ^2/NDF : 1706337.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

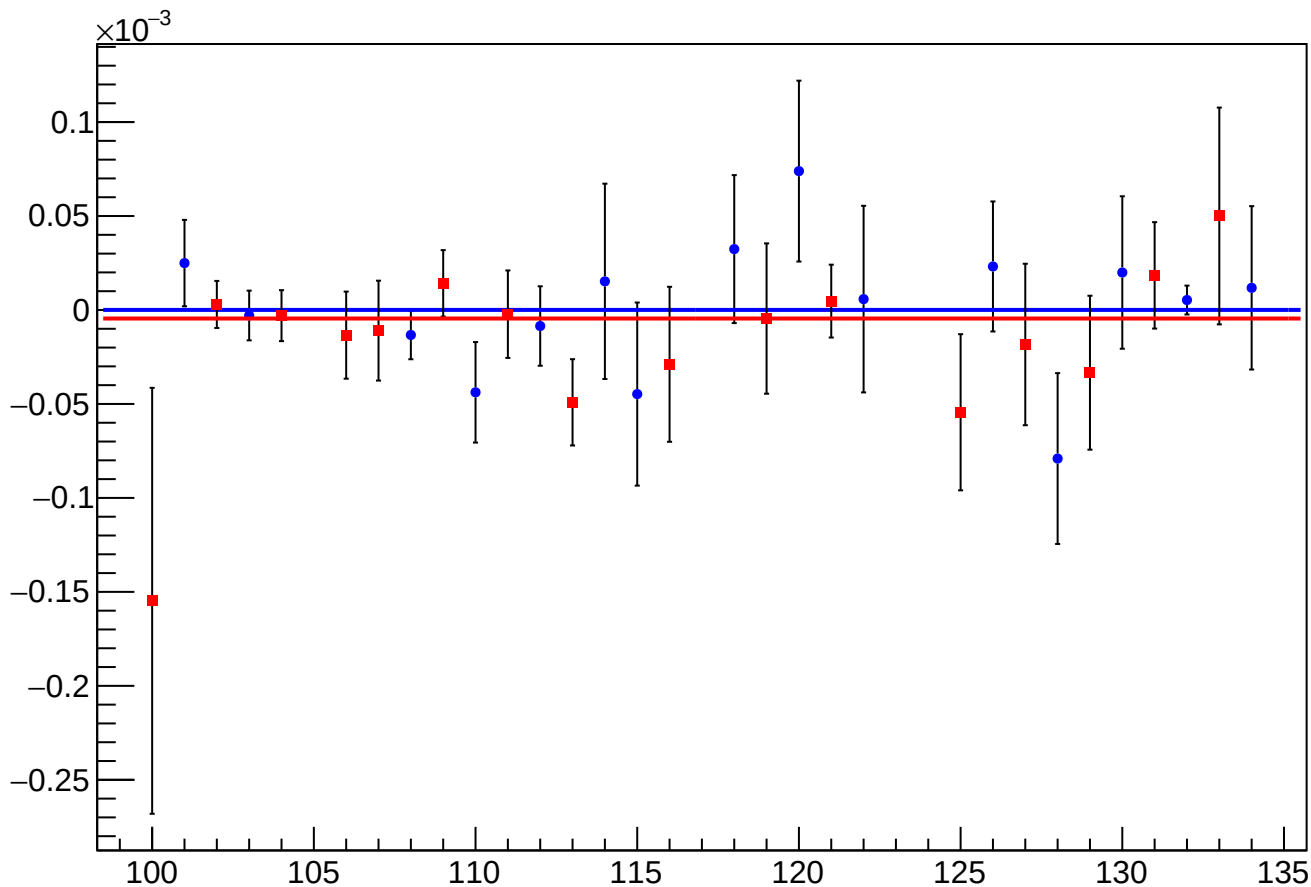
Right: 239.345+/-0.052 χ^2/NDF : 2901935.5/30

In: 256.350+/-0.077 χ^2/NDF : 1106049.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.345+/-0.052 χ^2/NDF : 2901935.5/30

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

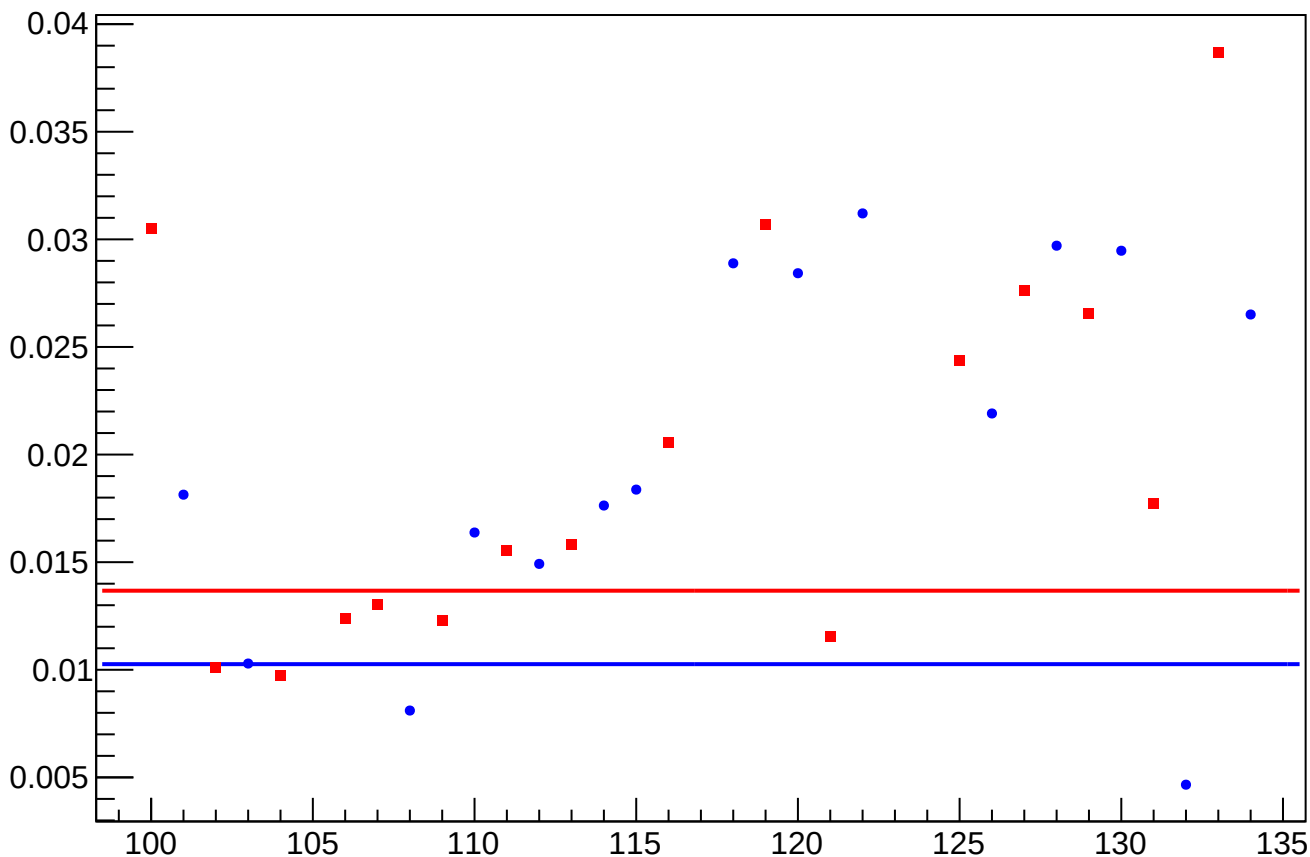
Right: -0.000+/-0.000 χ^2/NDF : 25.1/30

In: 0.000+/-0.000 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/30

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 4061641.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1825630.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

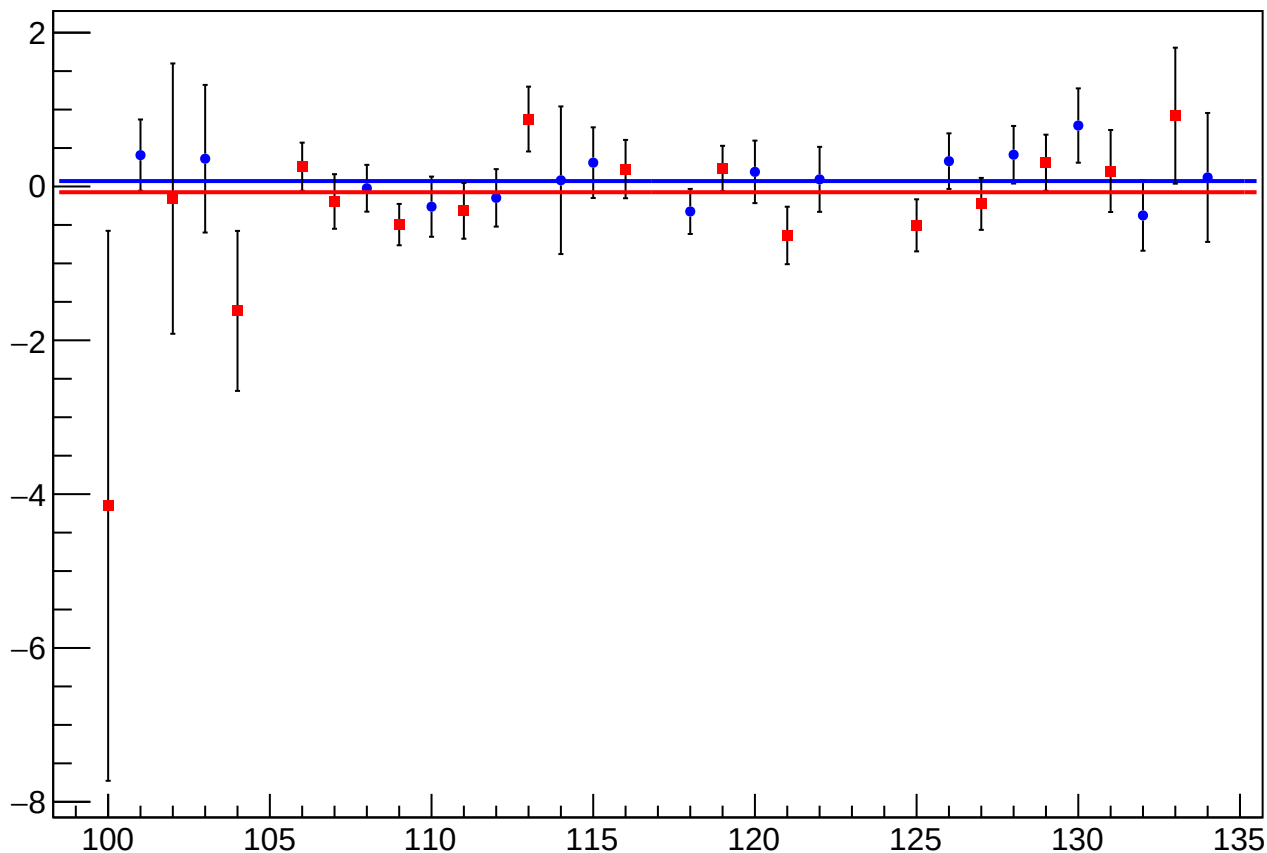
Right: 0.012+/-0.000 χ^2/NDF : 6276430.1/30

In: 0.010+/-0.000 χ^2/NDF :4061641.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 6276430.1/30

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.109 χ^2 /NDF: 8.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

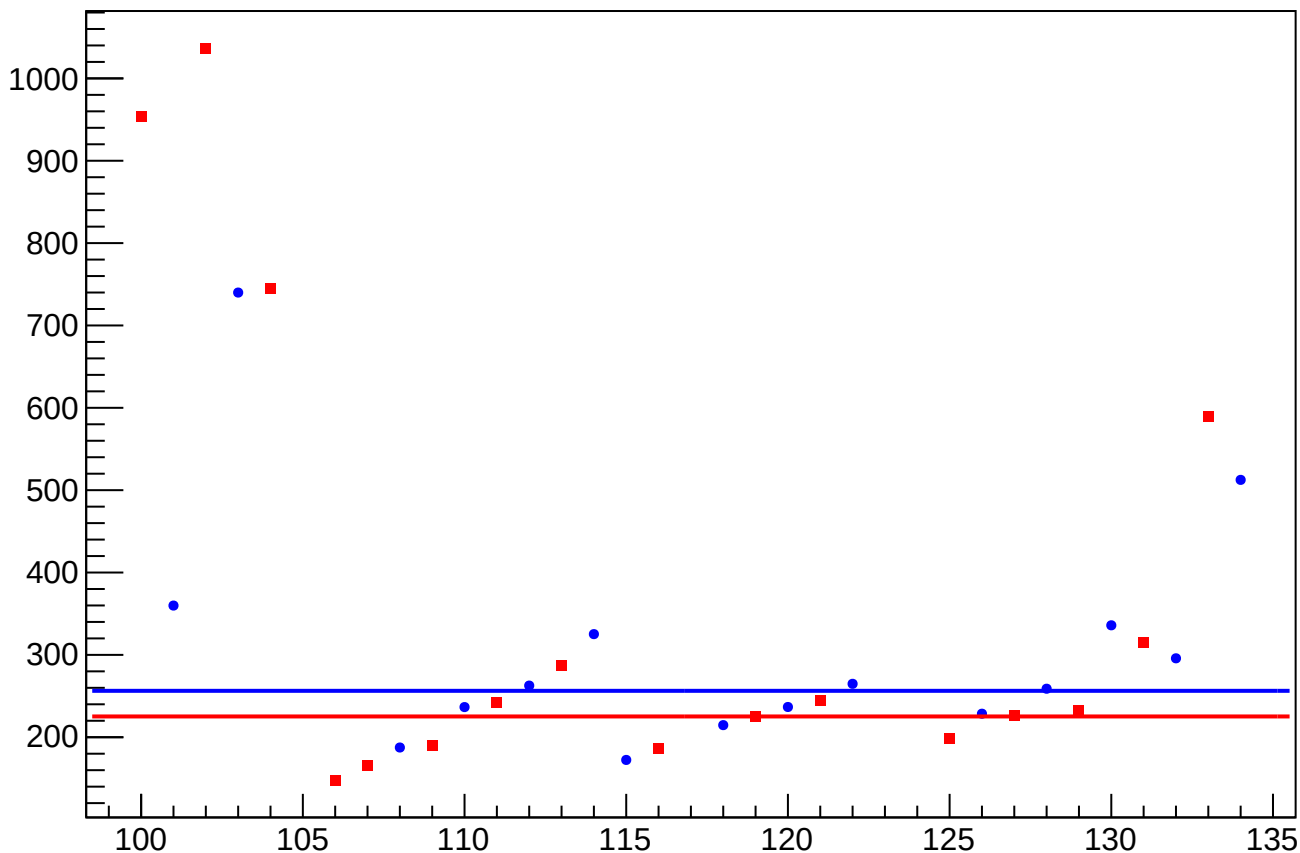
Right: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

In: 0.070 $\pm$ 0.109 χ^2 /NDF:8.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 256.349+/-0.077 χ^2/NDF : 1106006.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.231+/-0.070 χ^2/NDF : 1706317.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

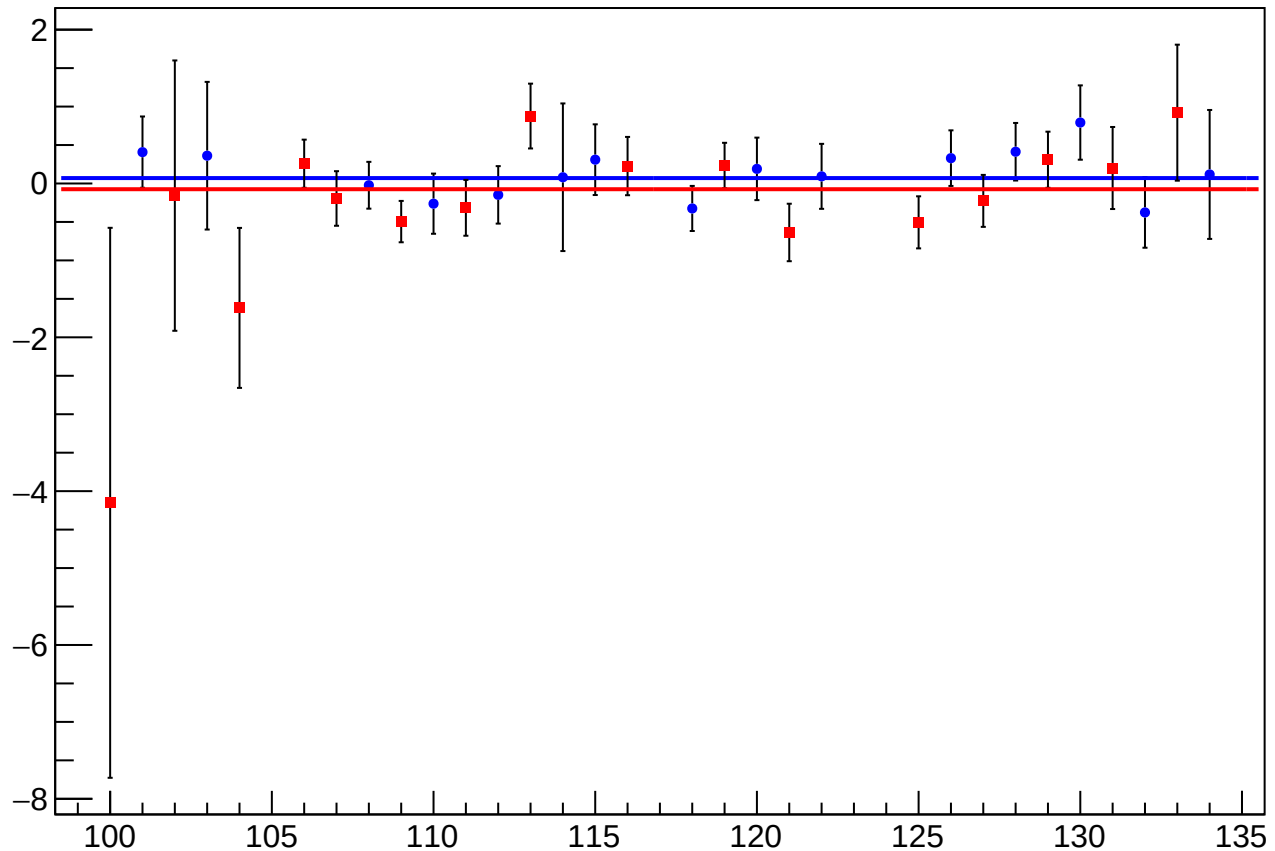
Right: 239.345+/-0.052 χ^2/NDF : 2901867.0/30

In: 256.349+/-0.077 χ^2/NDF : 1106006.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.345+/-0.052 χ^2/NDF : 2901867.0/30

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.109 χ^2 /NDF: 8.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

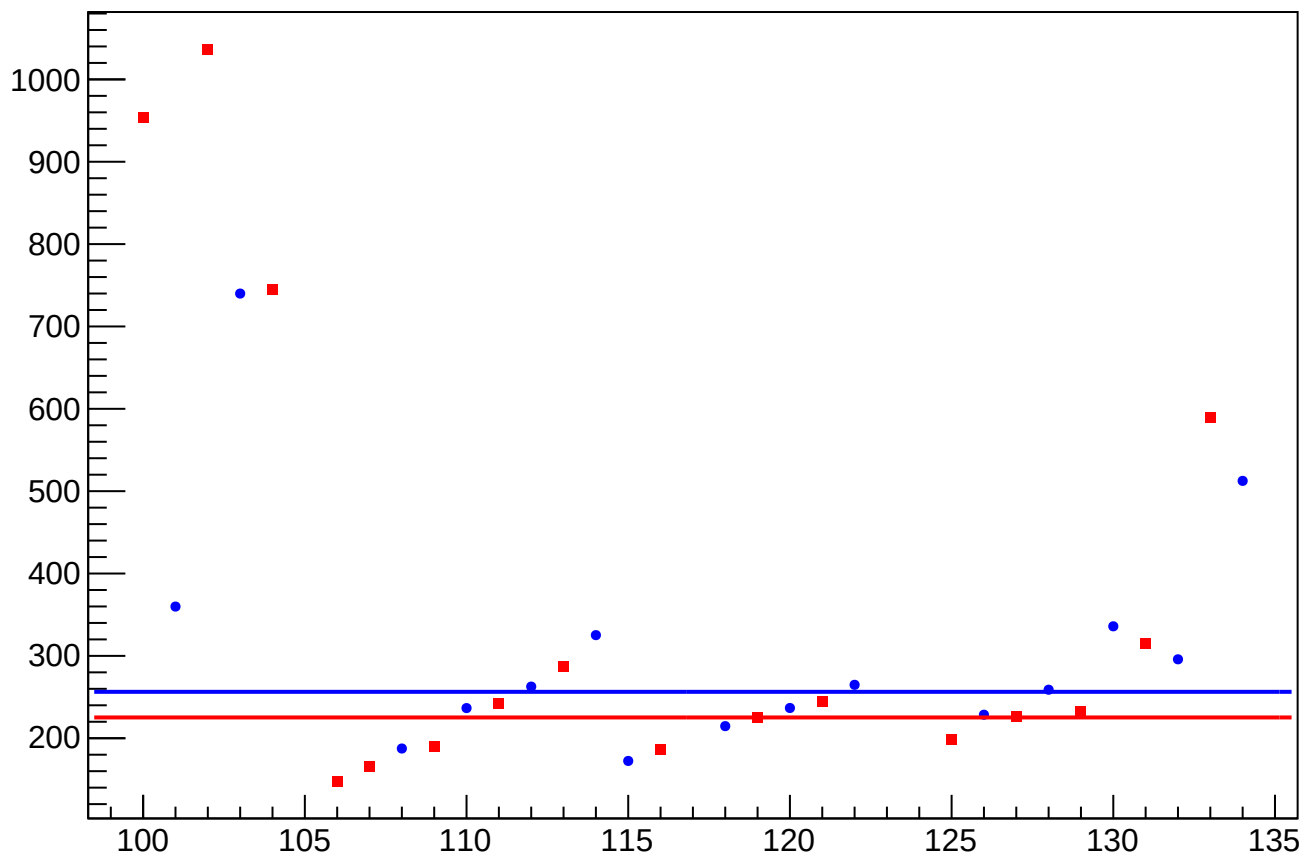
Right: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

In: 0.070 $\pm$ 0.109 χ^2 /NDF:8.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.073 χ^2 /NDF: 30.6/30

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 256.349 ± 0.077 $\chi^2/\text{NDF}: 1106006.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 225.231 ± 0.070 $\chi^2/\text{NDF}: 1706317.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

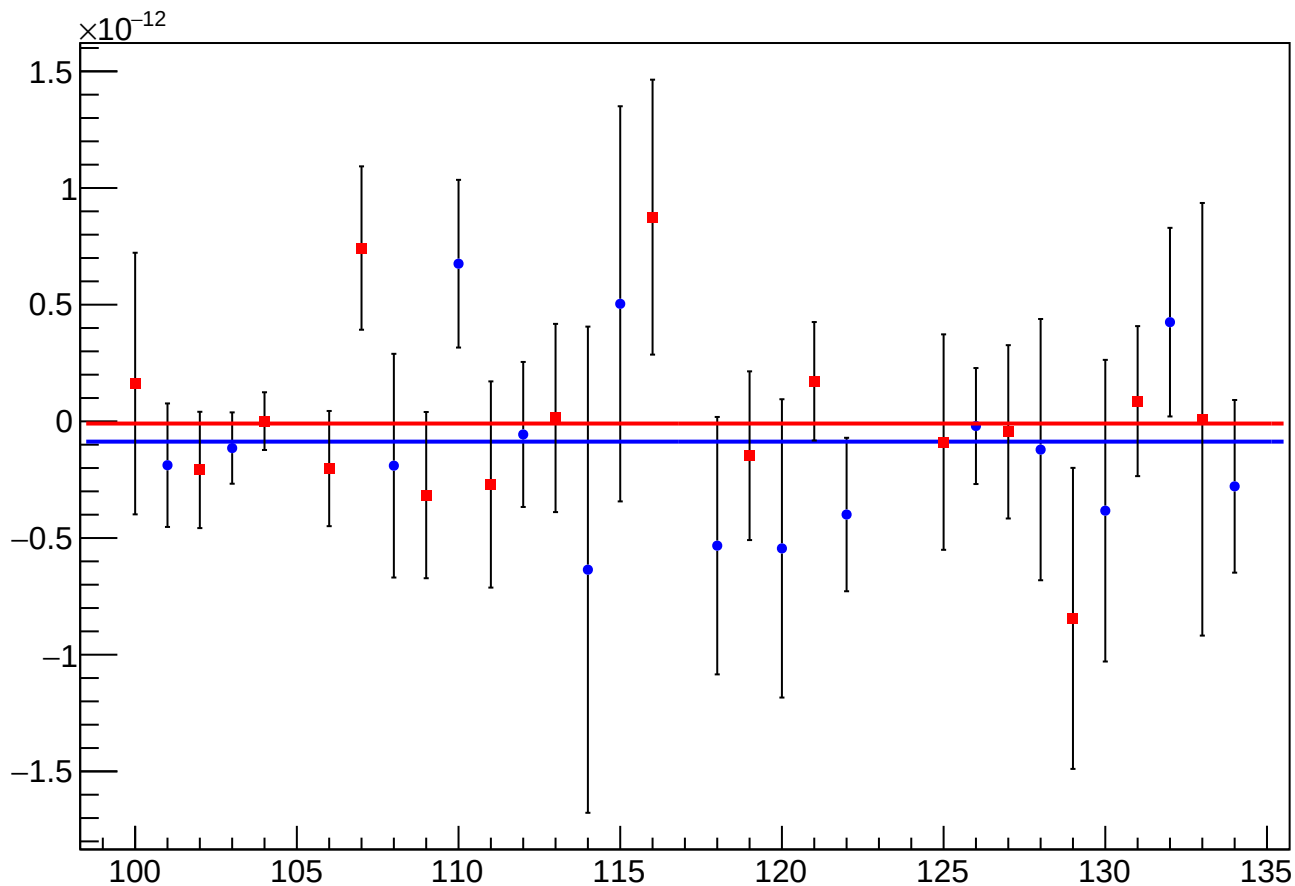
Right: 239.345 ± 0.052 $\chi^2/\text{NDF}: 2901867.0/30$

In: 256.349 ± 0.077 $\chi^2/\text{NDF}: 1106006.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 239.345 ± 0.052 $\chi^2/\text{NDF}: 2901867.0/30$

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

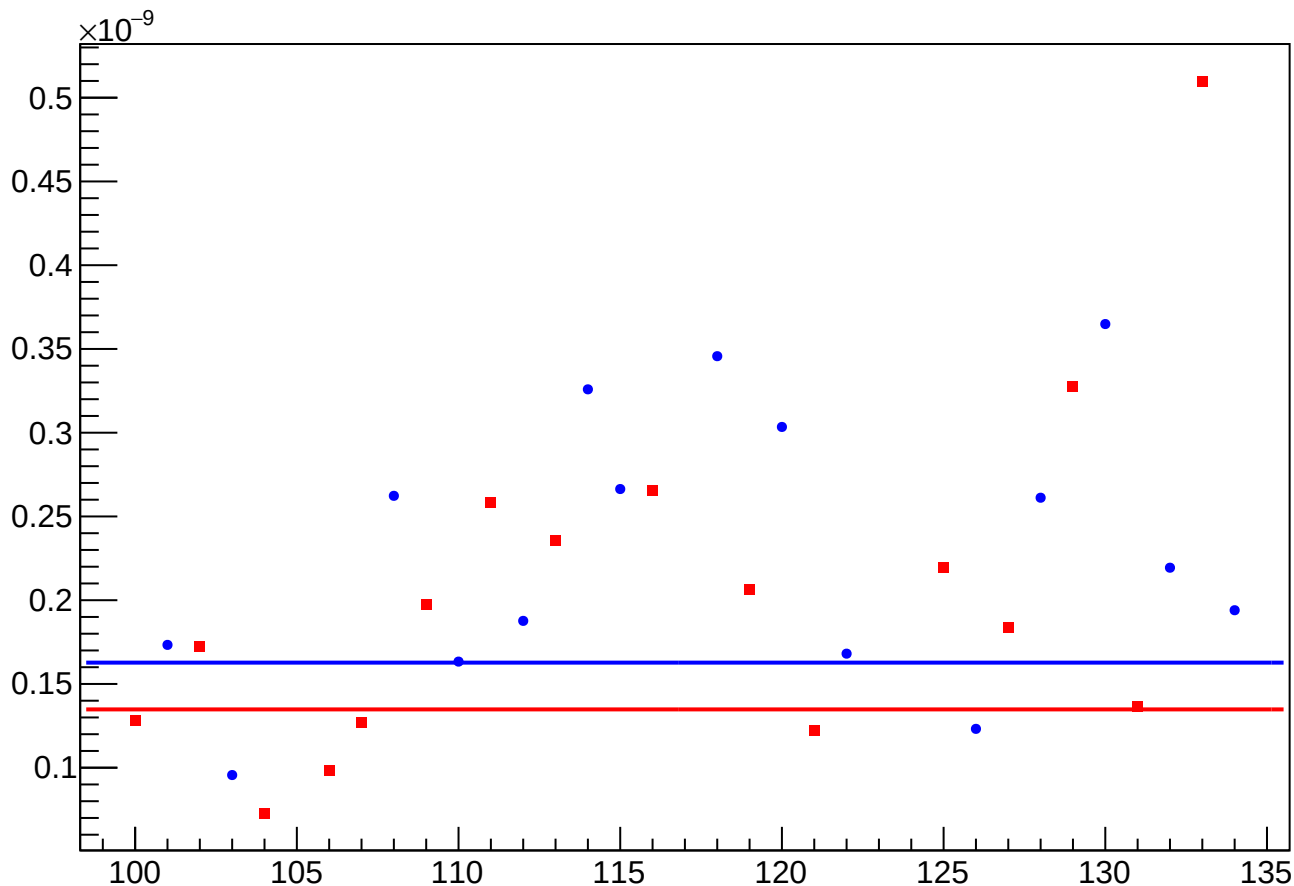
Right: -0.000+/-0.000 χ^2 /NDF: 22.0/30

In: -0.000+/-0.000 χ^2 /NDF:9.7/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.0/30

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 : 1245987.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1727448.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

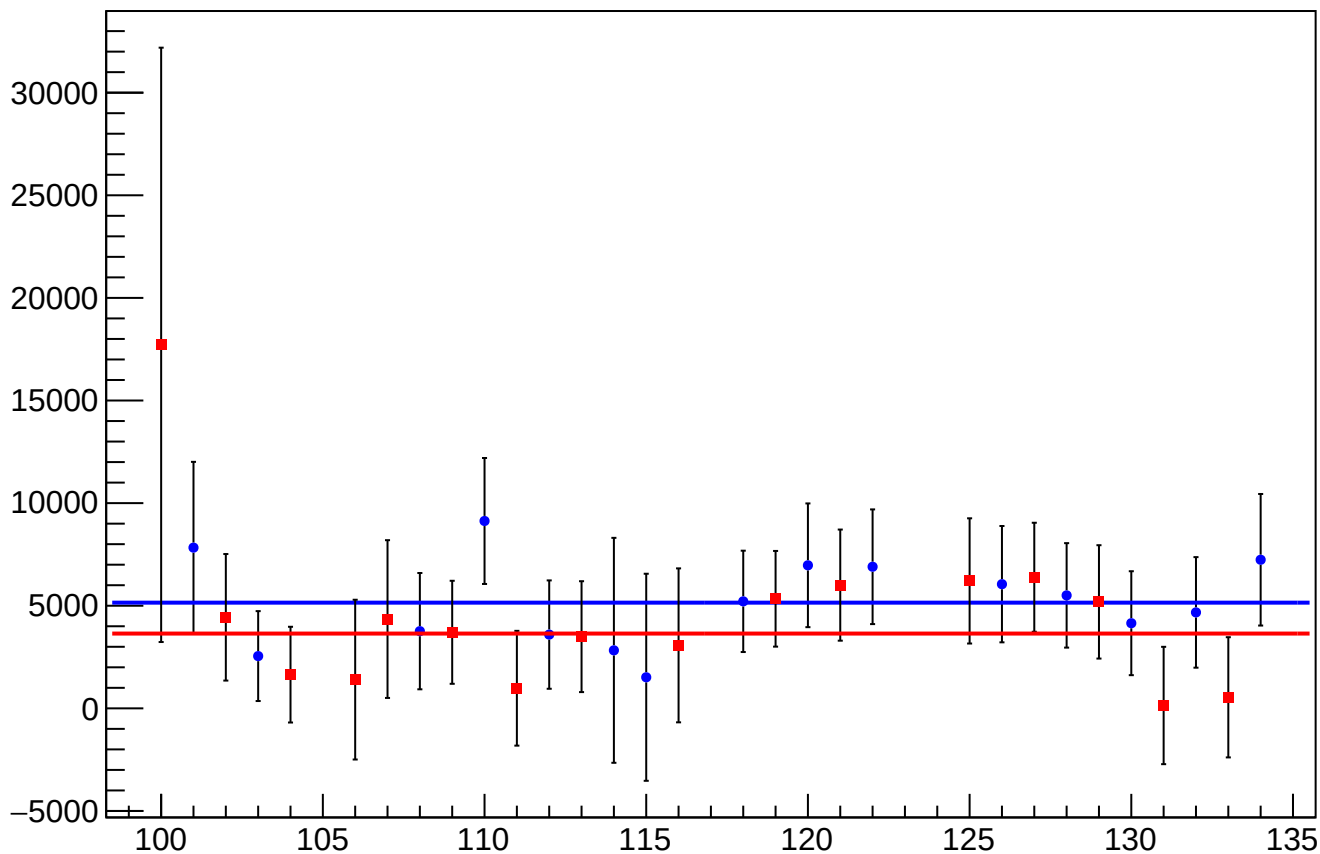
Right: 0.000+/-0.000 χ^2/NDF : 3092109.5/30

In: 0.000+/-0.000 χ^2/NDF : 1245987.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3092109.5/30

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5150.559+/-748.576 χ^2/NDF : 6.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3644.225+/-732.881 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

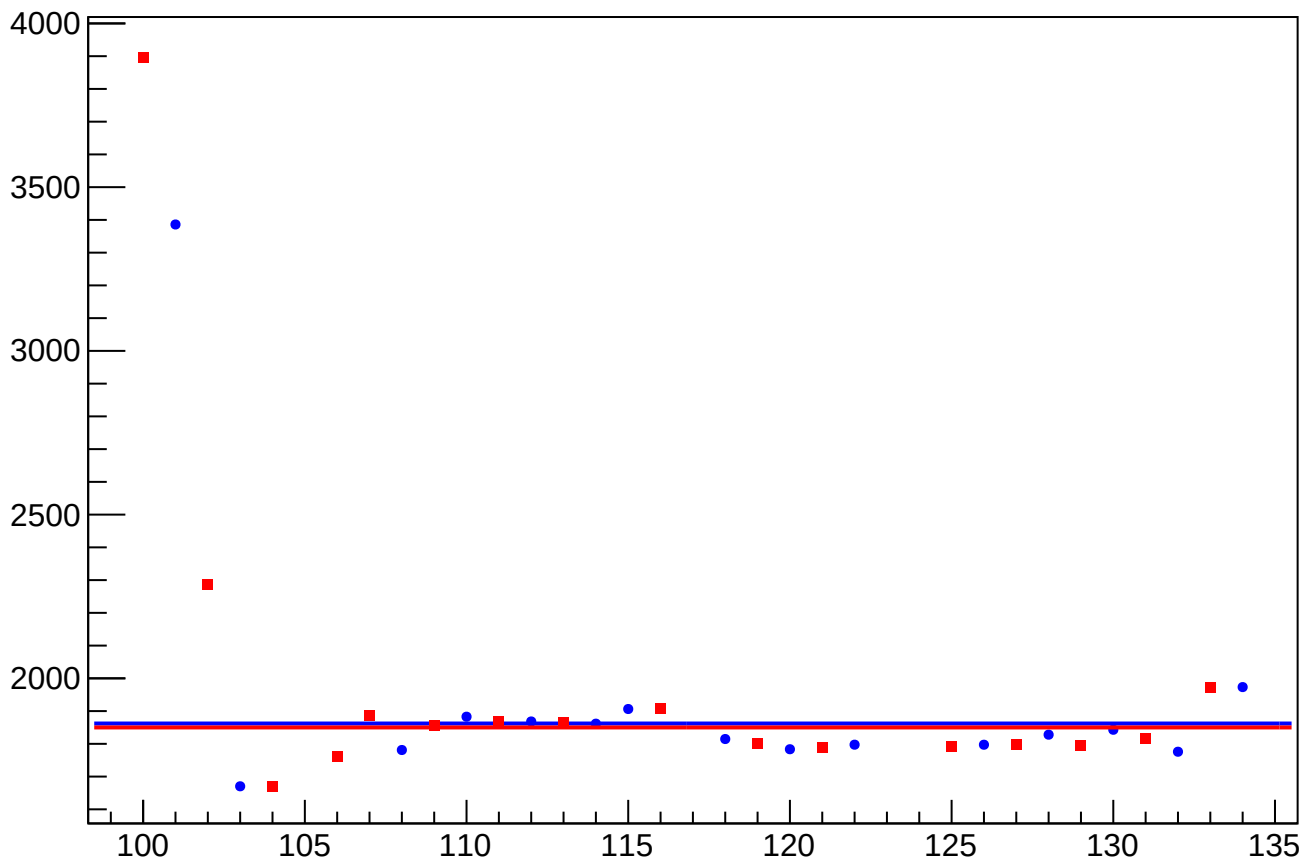
Right: 4381.435+/-523.686 χ^2/NDF : 17.4/30

In: 5150.559+/-748.576 χ^2/NDF : 6.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4381.435+/-523.686 χ^2/NDF : 17.4/30

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.034+/-0.529 χ^2/NDF : 292157.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1849.999+/-0.516 χ^2/NDF : 101915.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

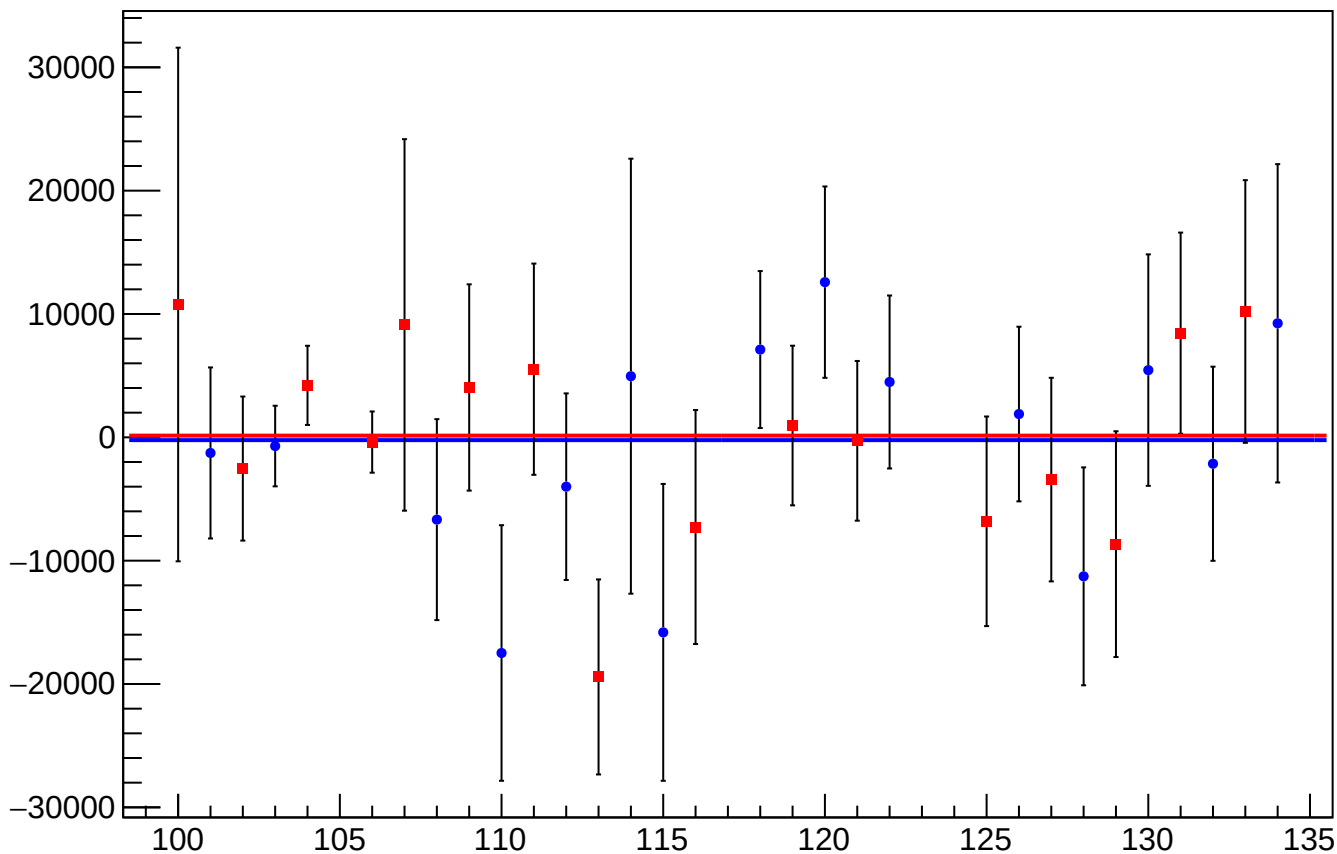
Right: 1855.869+/-0.370 χ^2/NDF : 394337.8/30

In: 1862.034+/-0.529 χ^2/NDF : 292157.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.869+/-0.370 χ^2/NDF : 394337.8/30

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -227.070 ± 1843.155 χ^2/NDF : 12.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 138.249 ± 1470.224 χ^2/NDF : 13.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

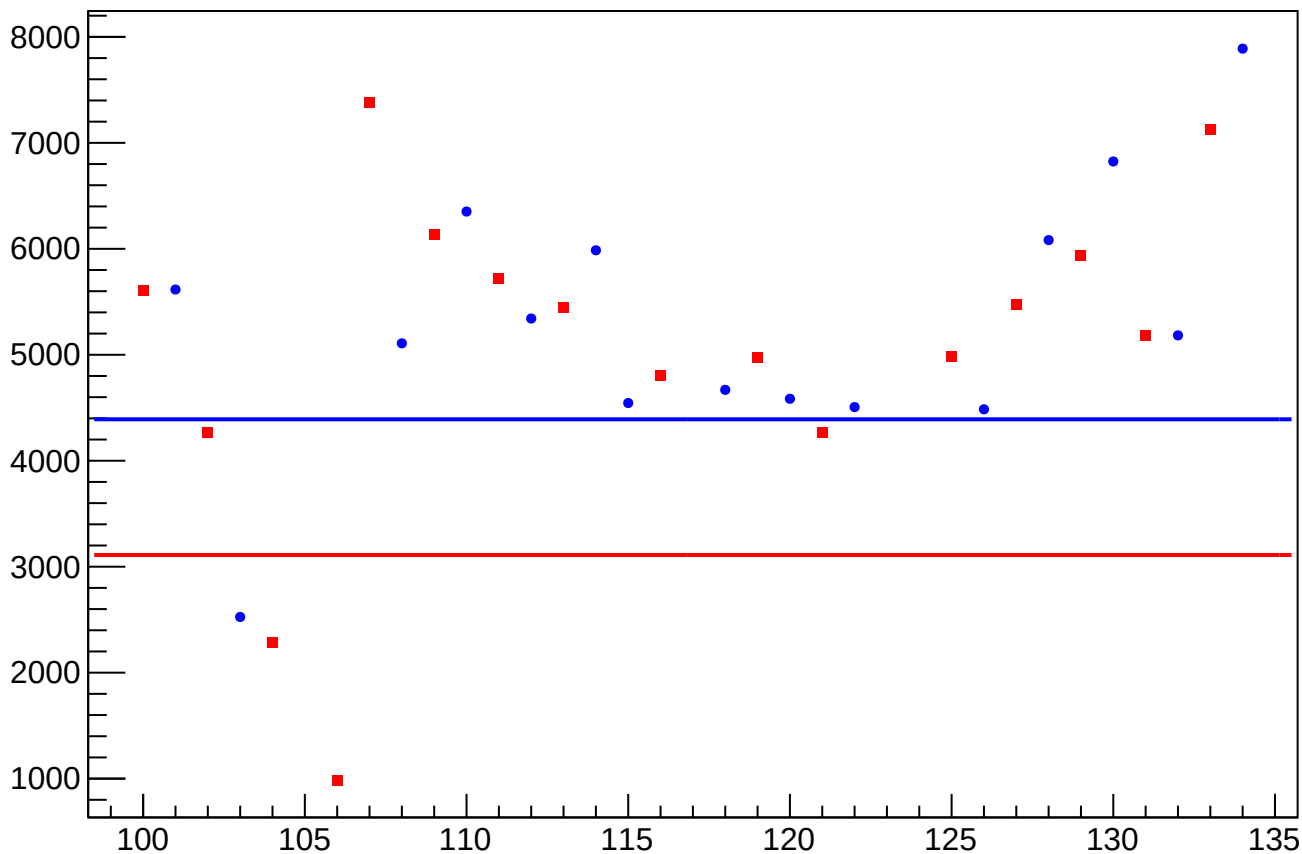
Right: -3.807 ± 1149.359 χ^2/NDF : 26.2/30

In: -227.070 ± 1843.155 χ^2/NDF : 12.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.807 ± 1149.359 χ^2/NDF : 26.2/30

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4391.235+/-1.303 χ^2/NDF : 1230582.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3110.587+/-1.040 χ^2/NDF : 3654375.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

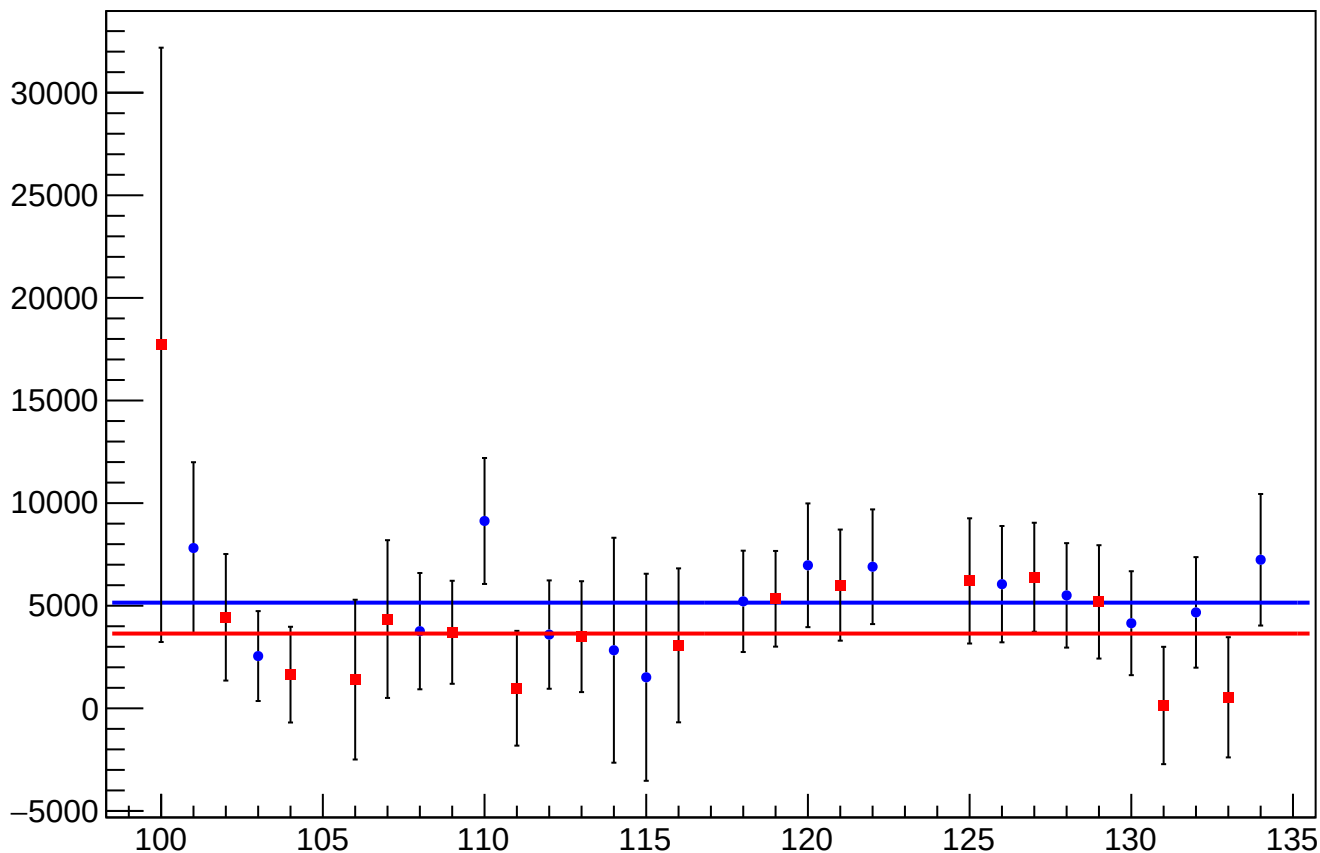
Right: 3608.573+/-0.813 χ^2/NDF : 5475036.3/30

In: 4391.235+/-1.303 χ^2/NDF :1230582.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3608.573+/-0.813 χ^2/NDF : 5475036.3/30

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5150.040 $\pm$ 748.576 χ^2 /NDF: 6.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3643.964 $\pm$ 732.881 χ^2 /NDF: 9.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

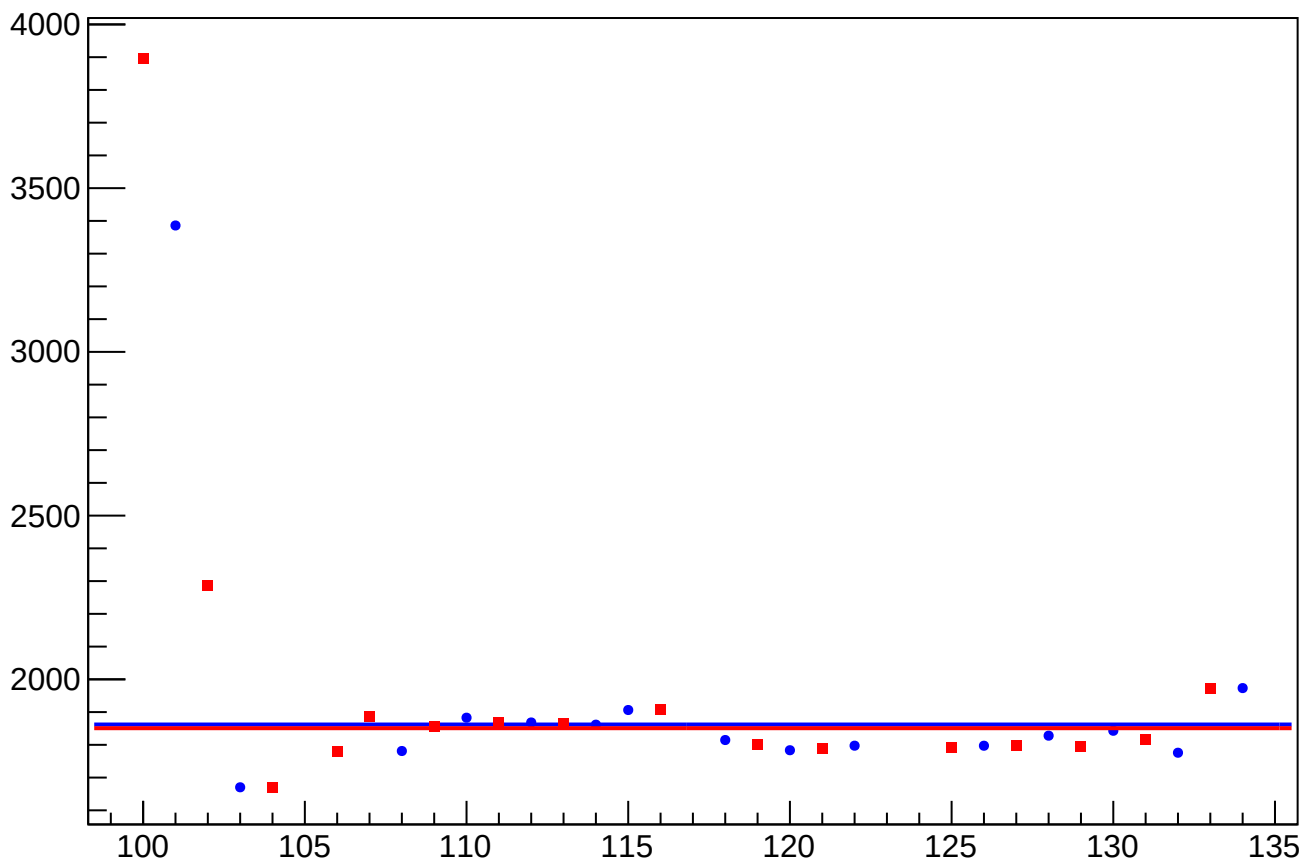
Right: 4381.047 $\pm$ 523.686 χ^2 /NDF: 17.4/30

In: 5150.040 $\pm$ 748.576 χ^2 /NDF:6.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4381.047 $\pm$ 523.686 χ^2 /NDF: 17.4/30

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.034+/-0.529 χ^2/NDF : 292159.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1850.779+/-0.517 χ^2/NDF : 101465.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

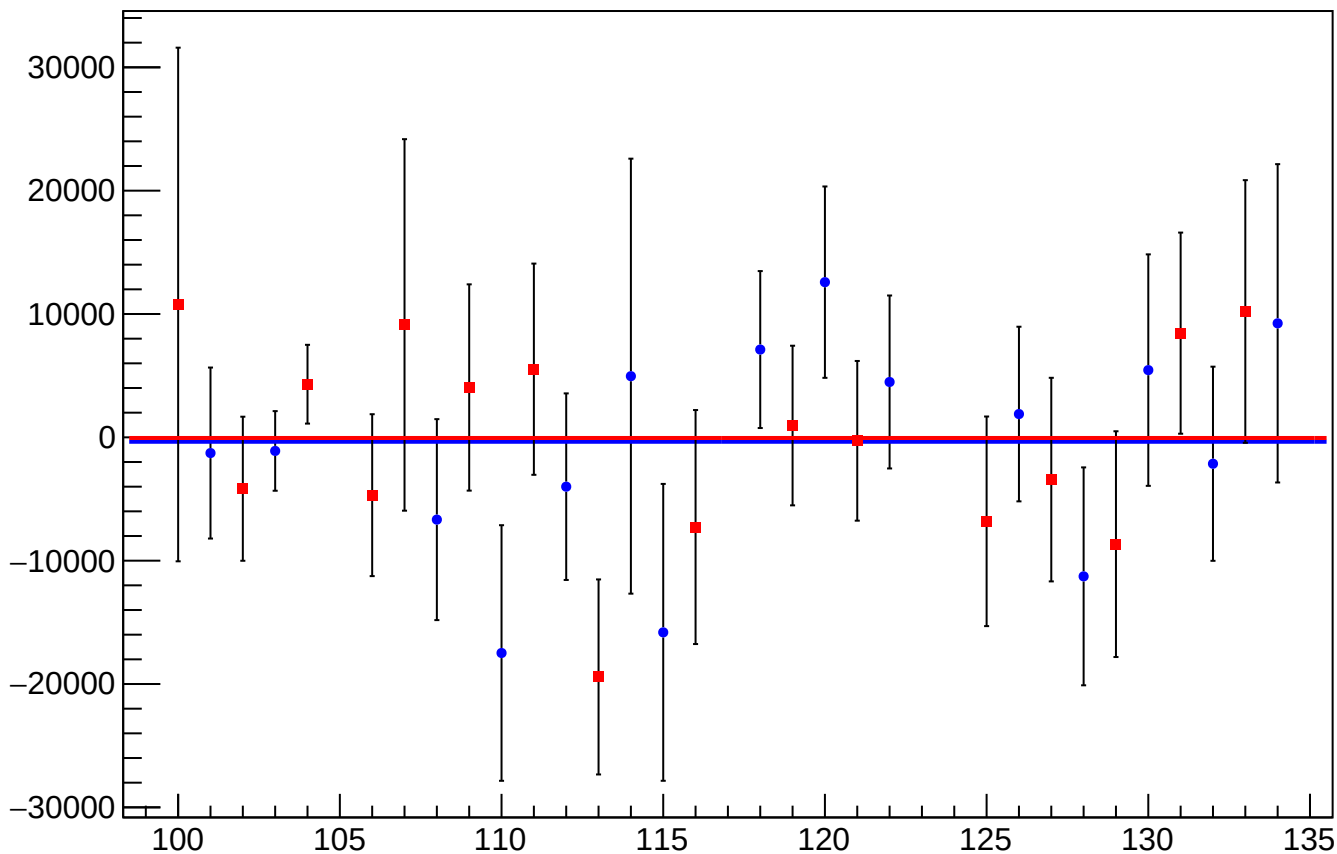
Right: 1856.271+/-0.370 χ^2/NDF : 393856.3/30

In: 1862.034+/-0.529 χ^2/NDF : 292159.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.271+/-0.370 χ^2/NDF : 393856.3/30

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -358.898+/-1835.970 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.867+/-1755.716 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

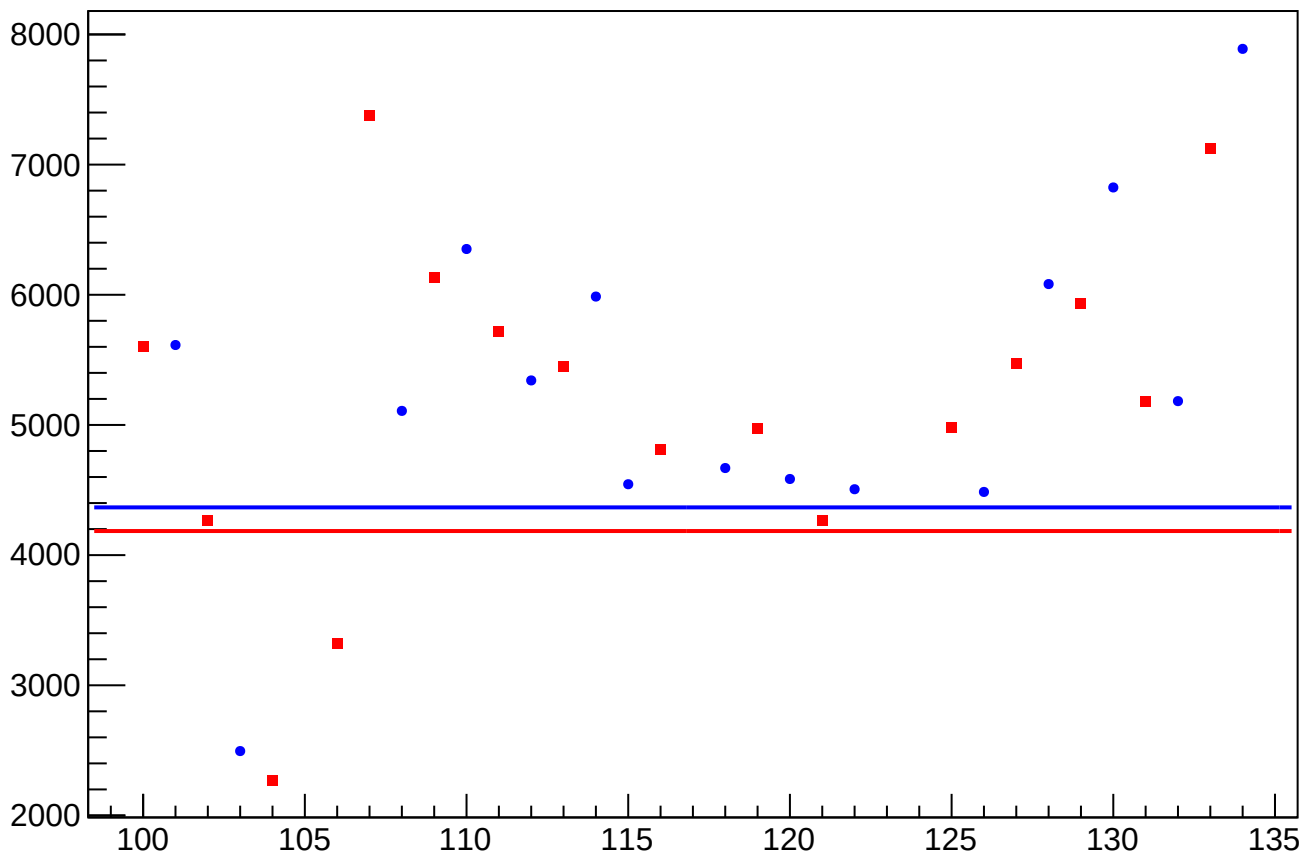
Right: -198.526+/-1268.902 χ^2/NDF : 27.1/30

In: -358.898+/-1835.970 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.526+/-1268.902 χ^2/NDF : 27.1/30

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4366.736+/-1.298 χ^2/NDF : 1268368.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4185.041+/-1.241 χ^2/NDF : 1438922.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

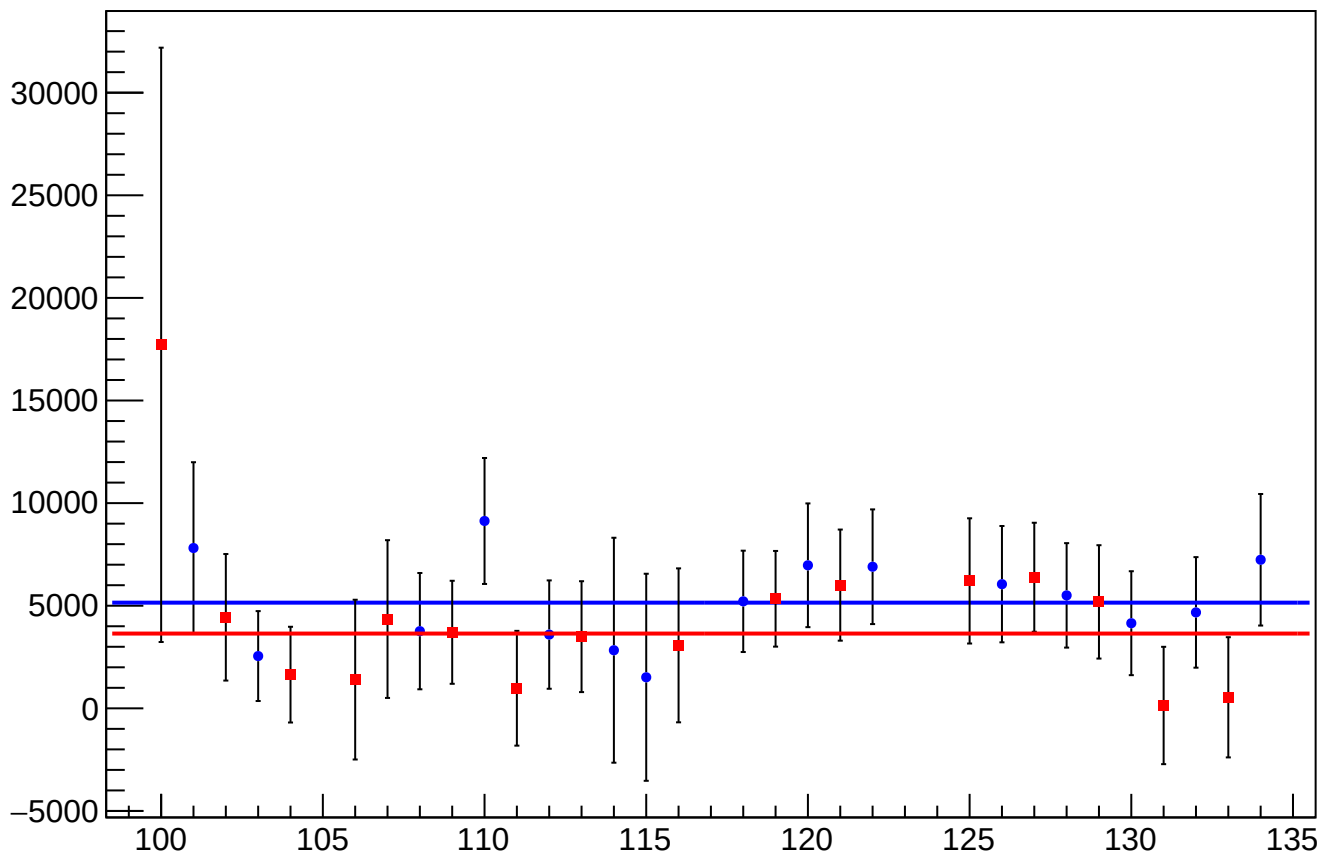
Right: 4271.831+/-0.897 χ^2/NDF : 2717522.0/30

In: 4366.736+/-1.298 χ^2/NDF : 1268368.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4271.831+/-0.897 χ^2/NDF : 2717522.0/30

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5150.040+/-748.576 χ^2/NDF : 6.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3643.964+/-732.881 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

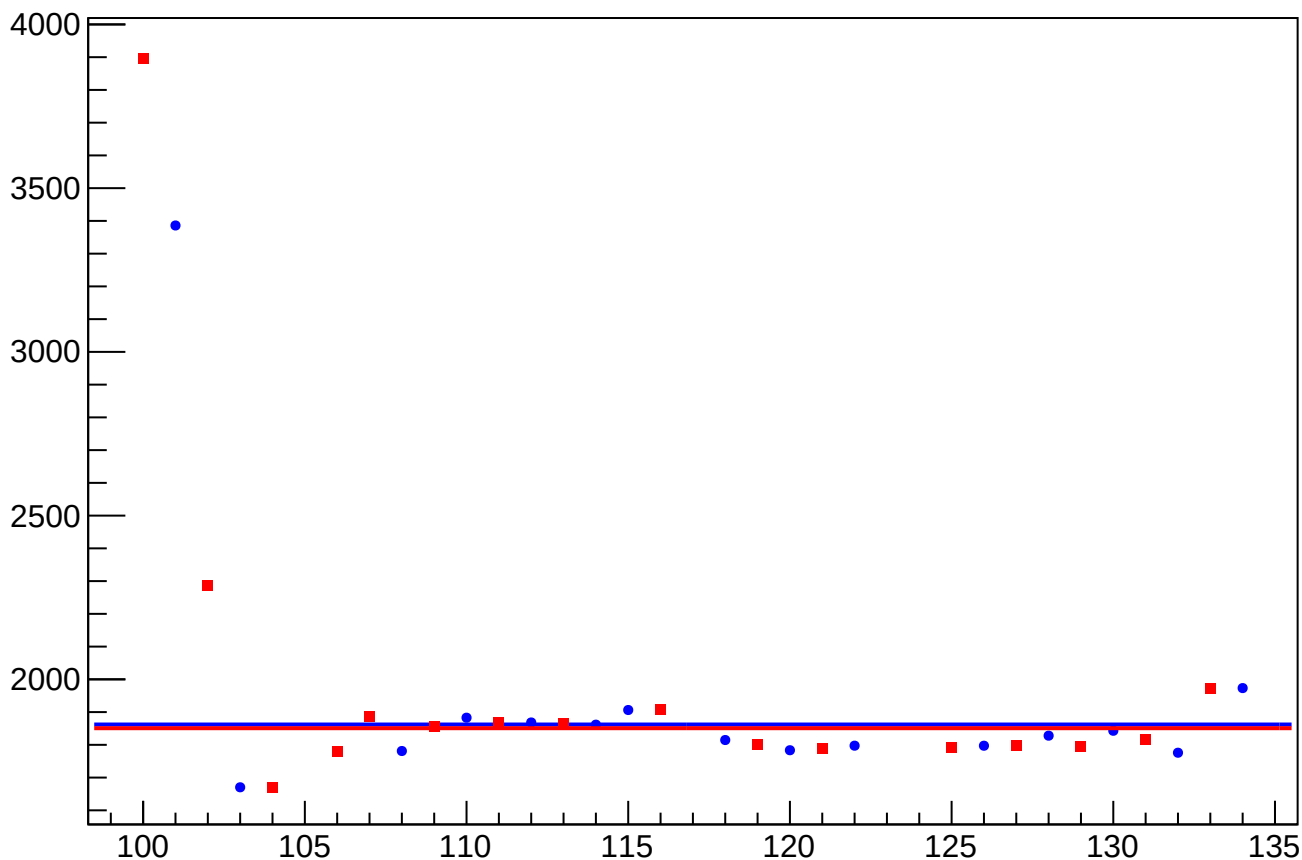
Right: 4381.047+/-523.686 χ^2/NDF : 17.4/30

In: 5150.040+/-748.576 χ^2/NDF : 6.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4381.047+/-523.686 χ^2/NDF : 17.4/30

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.034+/-0.529 χ^2/NDF : 292159.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1850.779+/-0.517 χ^2/NDF : 101465.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

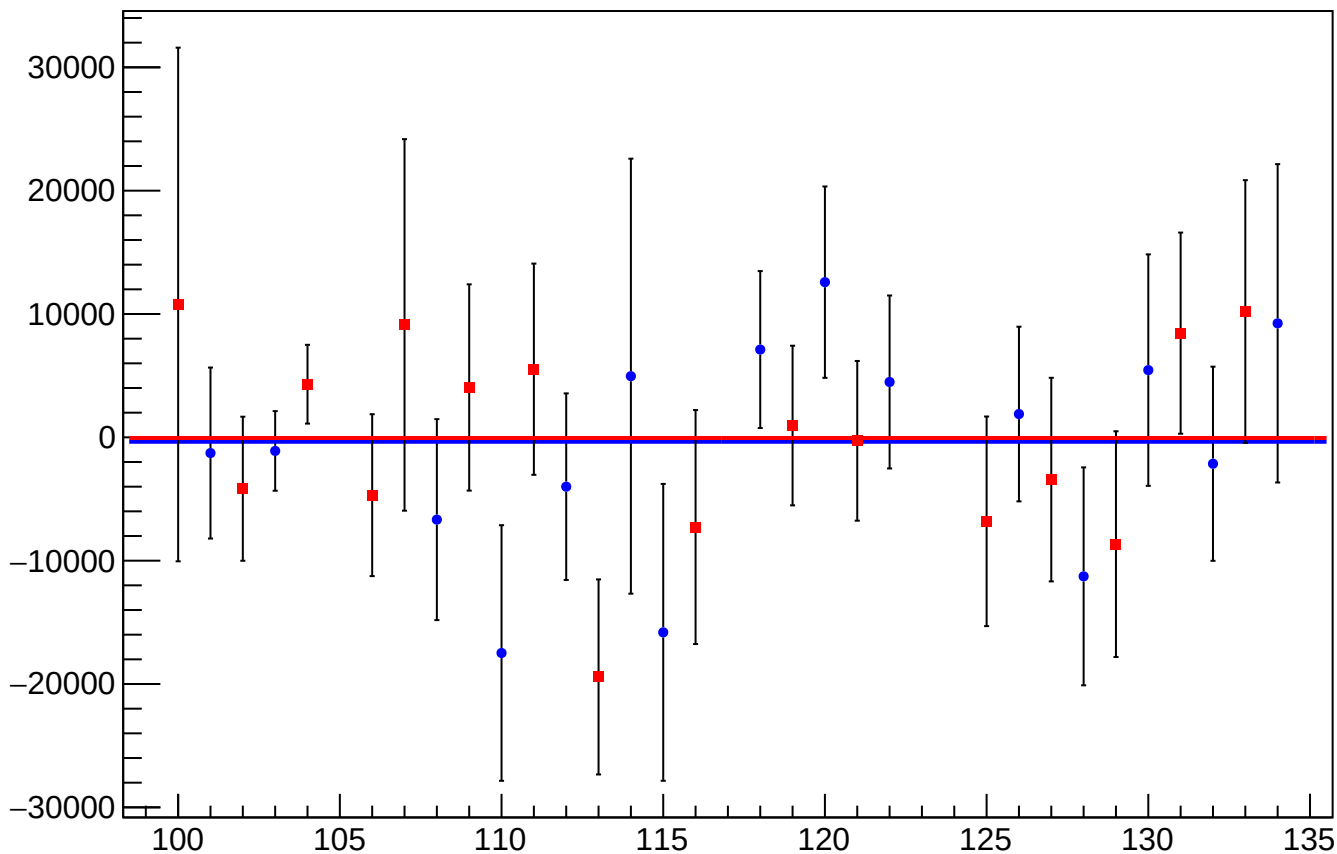
Right: 1856.271+/-0.370 χ^2/NDF : 393856.3/30

In: 1862.034+/-0.529 χ^2/NDF : 292159.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.271+/-0.370 χ^2/NDF : 393856.3/30

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -358.898+/-1835.970 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.867+/-1755.716 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

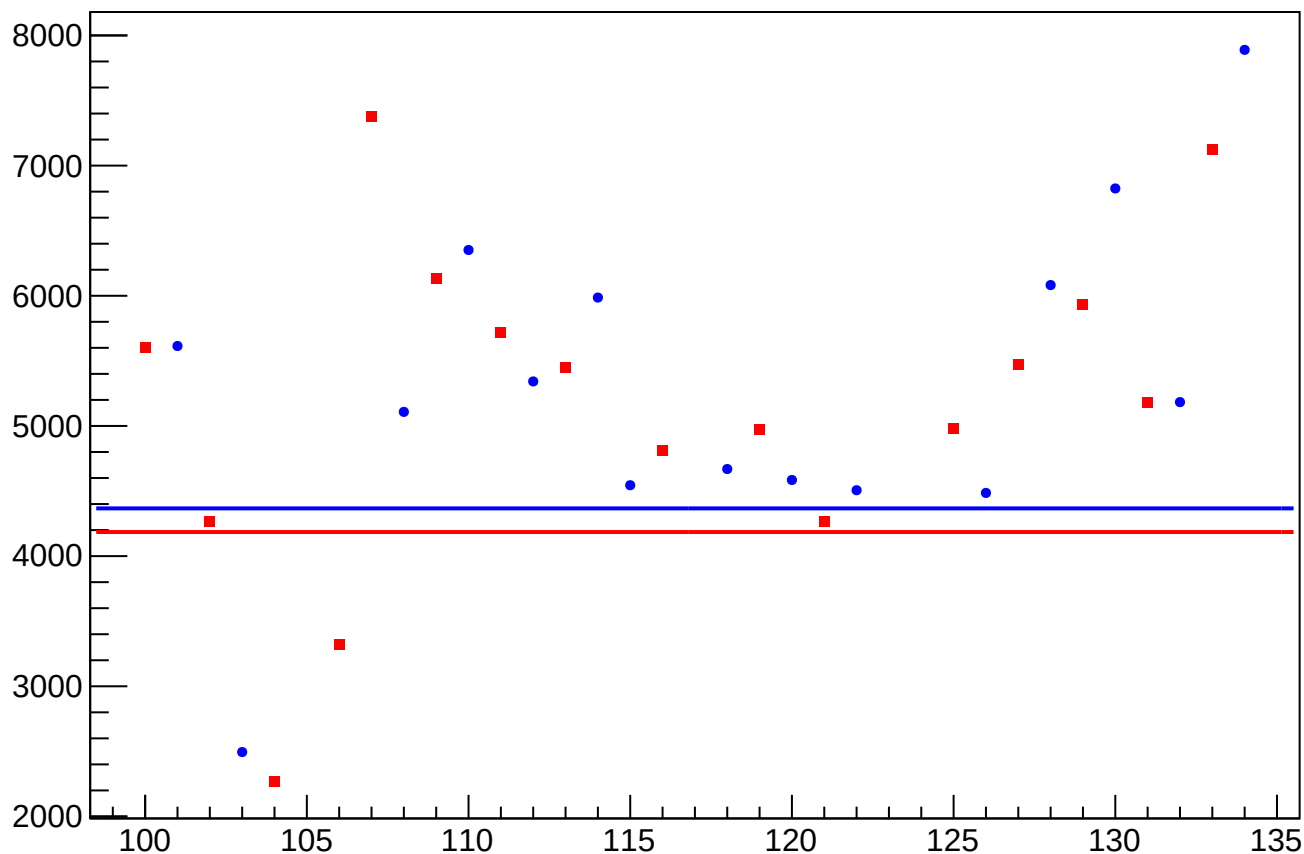
Right: -198.526+/-1268.902 χ^2/NDF : 27.1/30

In: -358.898+/-1835.970 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.526+/-1268.902 χ^2/NDF : 27.1/30

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4366.736+/-1.298 χ^2/NDF : 1268368.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4185.041+/-1.241 χ^2/NDF : 1438922.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

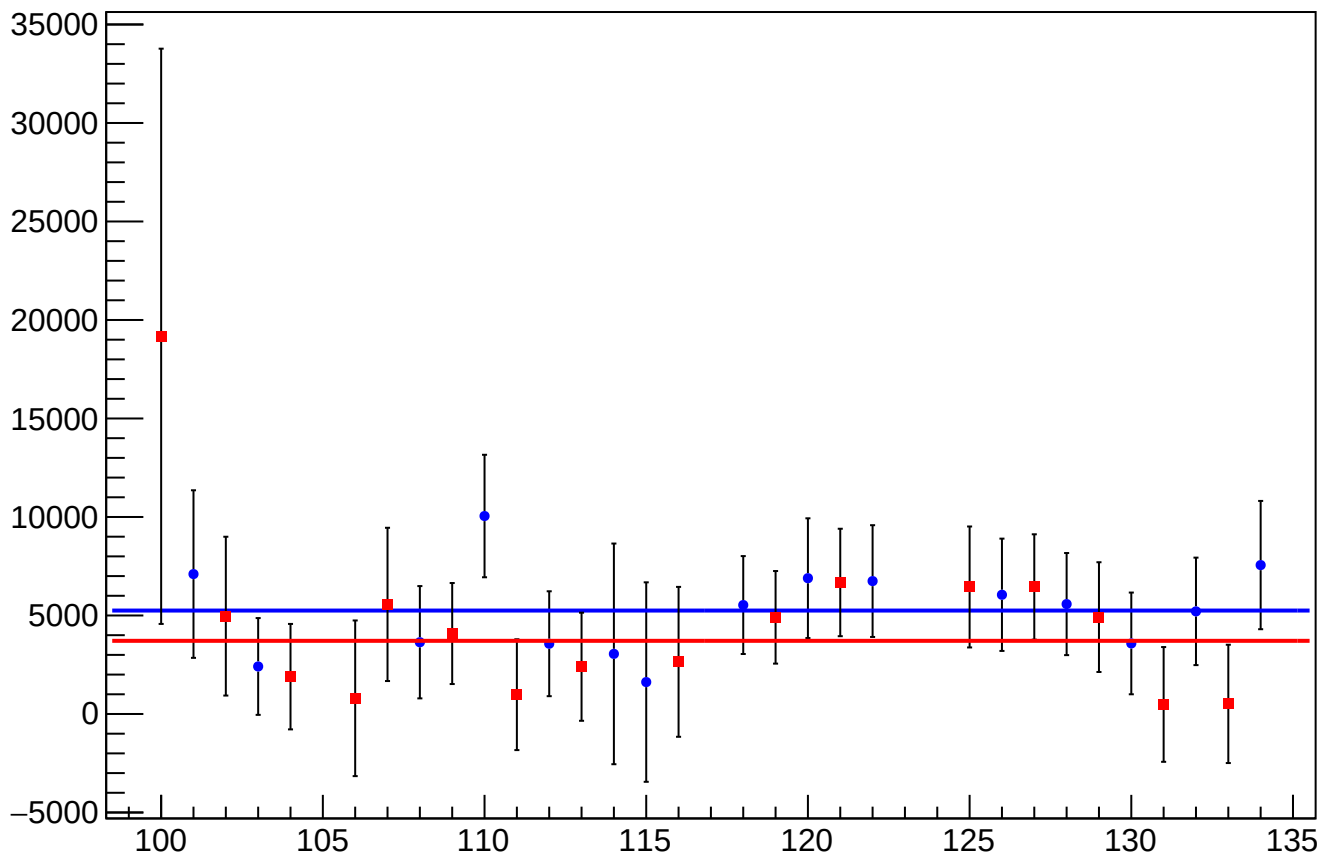
Right: 4271.831+/-0.897 χ^2/NDF : 2717522.0/30

In: 4366.736+/-1.298 χ^2/NDF : 1268368.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4271.831+/-0.897 χ^2/NDF : 2717522.0/30

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5250.168+/-765.905 χ^2/NDF : 6.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3713.382+/-759.057 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

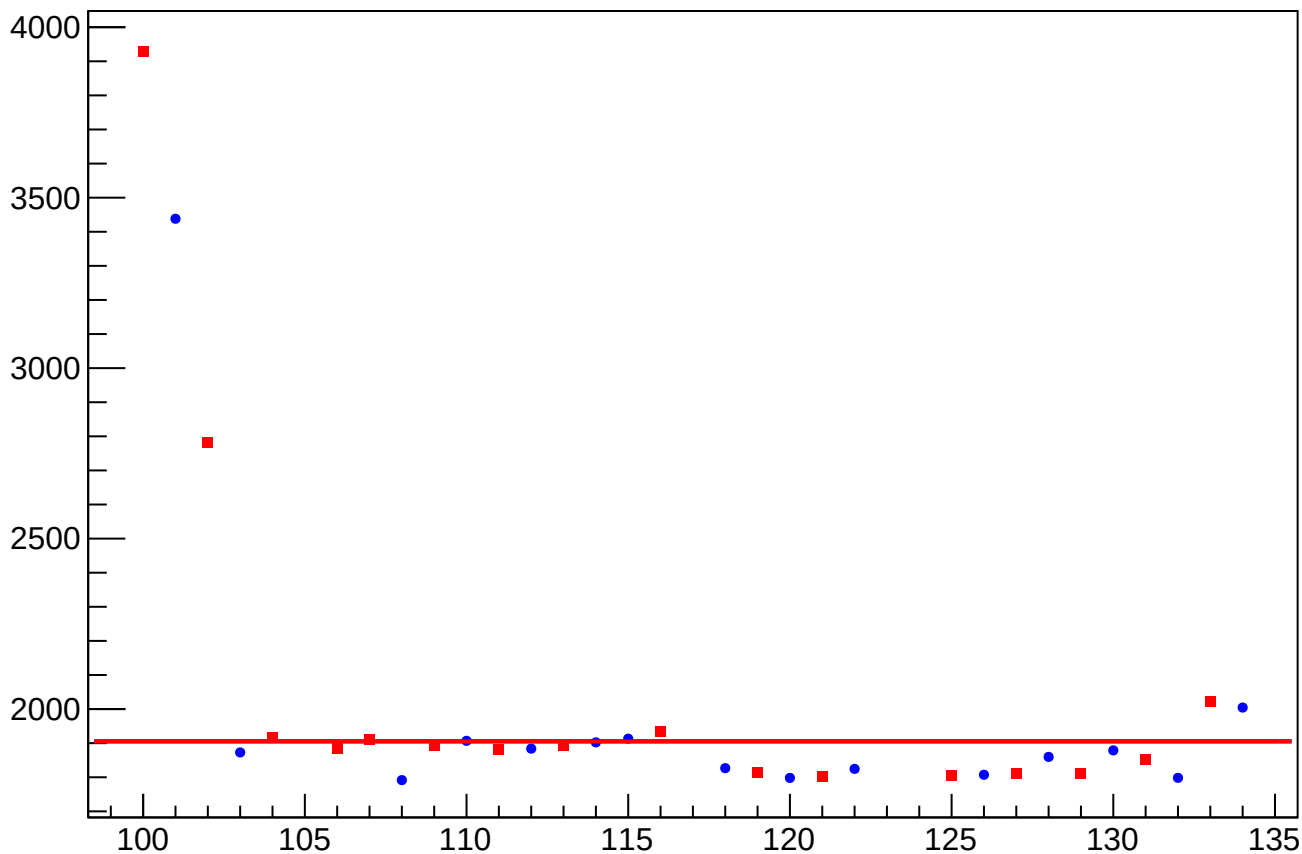
Right: 4474.874+/-539.139 χ^2/NDF : 18.5/30

In: 5250.168+/-765.905 χ^2/NDF : 6.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4474.874+/-539.139 χ^2/NDF : 18.5/30

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1905.617+/-0.542 χ^2/NDF : 277658.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1904.806+/-0.536 χ^2/NDF : 149856.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

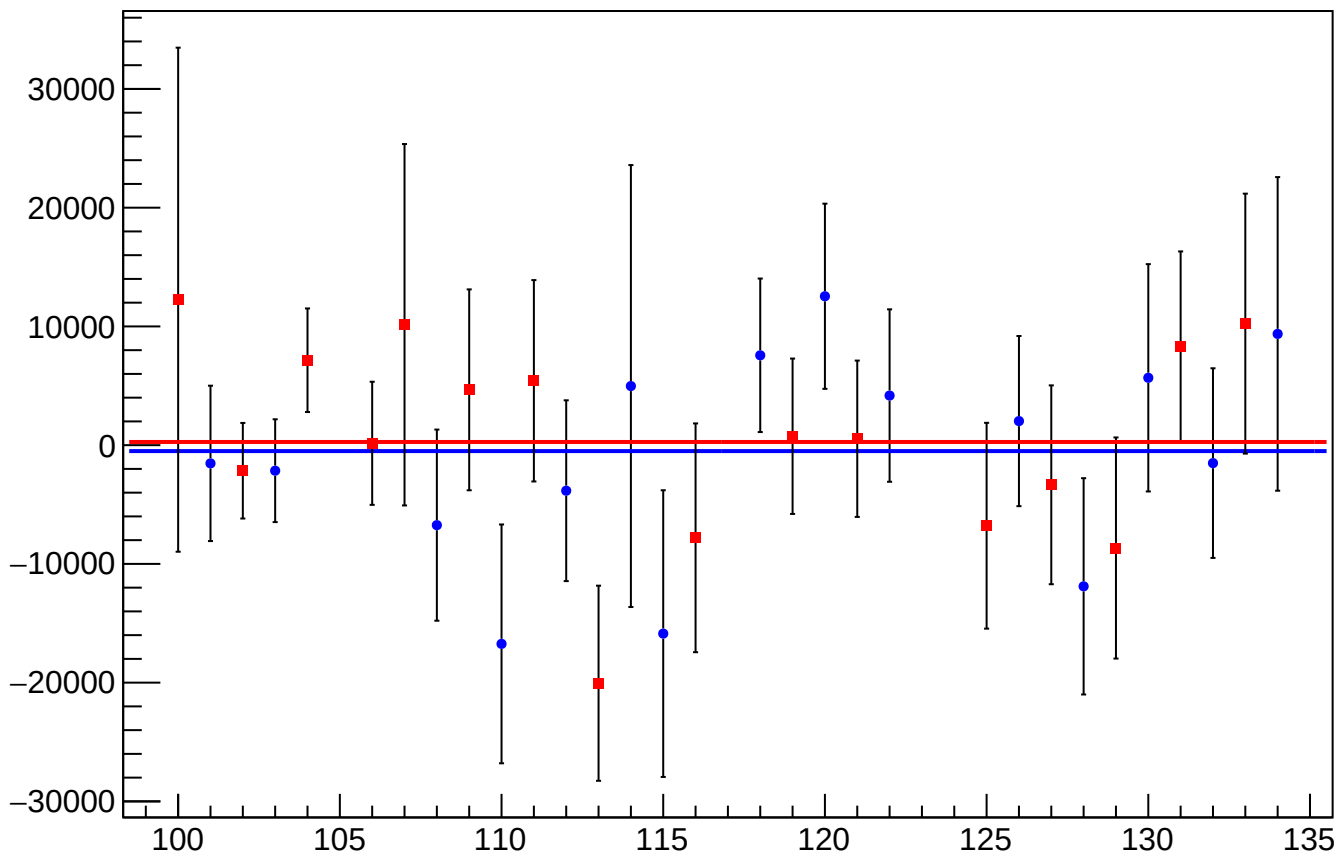
Right: 1905.207+/-0.381 χ^2/NDF : 427515.2/30

In: 1905.617+/-0.542 χ^2/NDF : 277658.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1905.207+/-0.381 χ^2/NDF : 427515.2/30

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -499.677+/-1991.082 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.724+/-1765.149 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

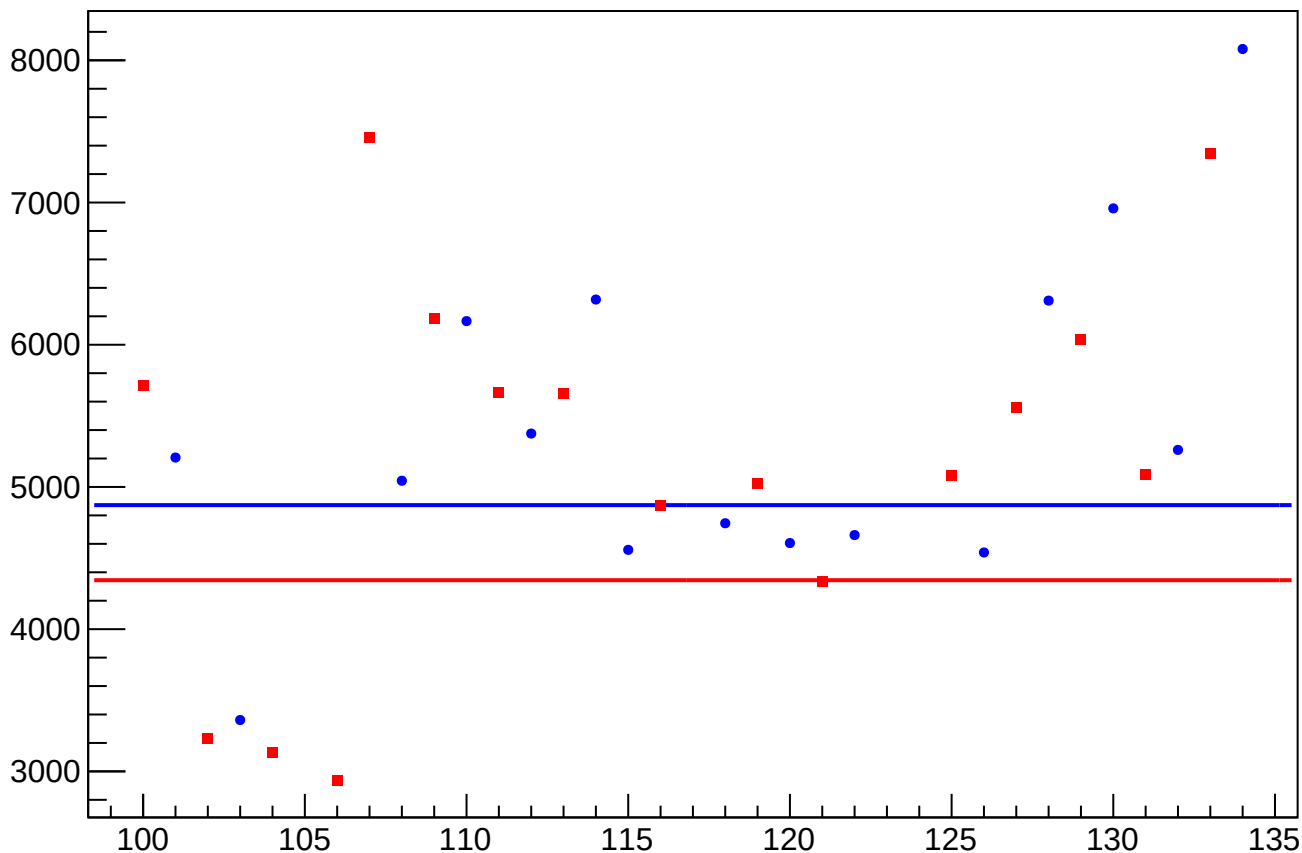
Right: -69.425+/-1320.836 χ^2/NDF : 27.5/30

In: -499.677+/-1991.082 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.425+/-1320.836 χ^2/NDF : 27.5/30

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4872.207+/-1.408 χ^2/NDF : 581787.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4344.291+/-1.248 χ^2/NDF : 1058743.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

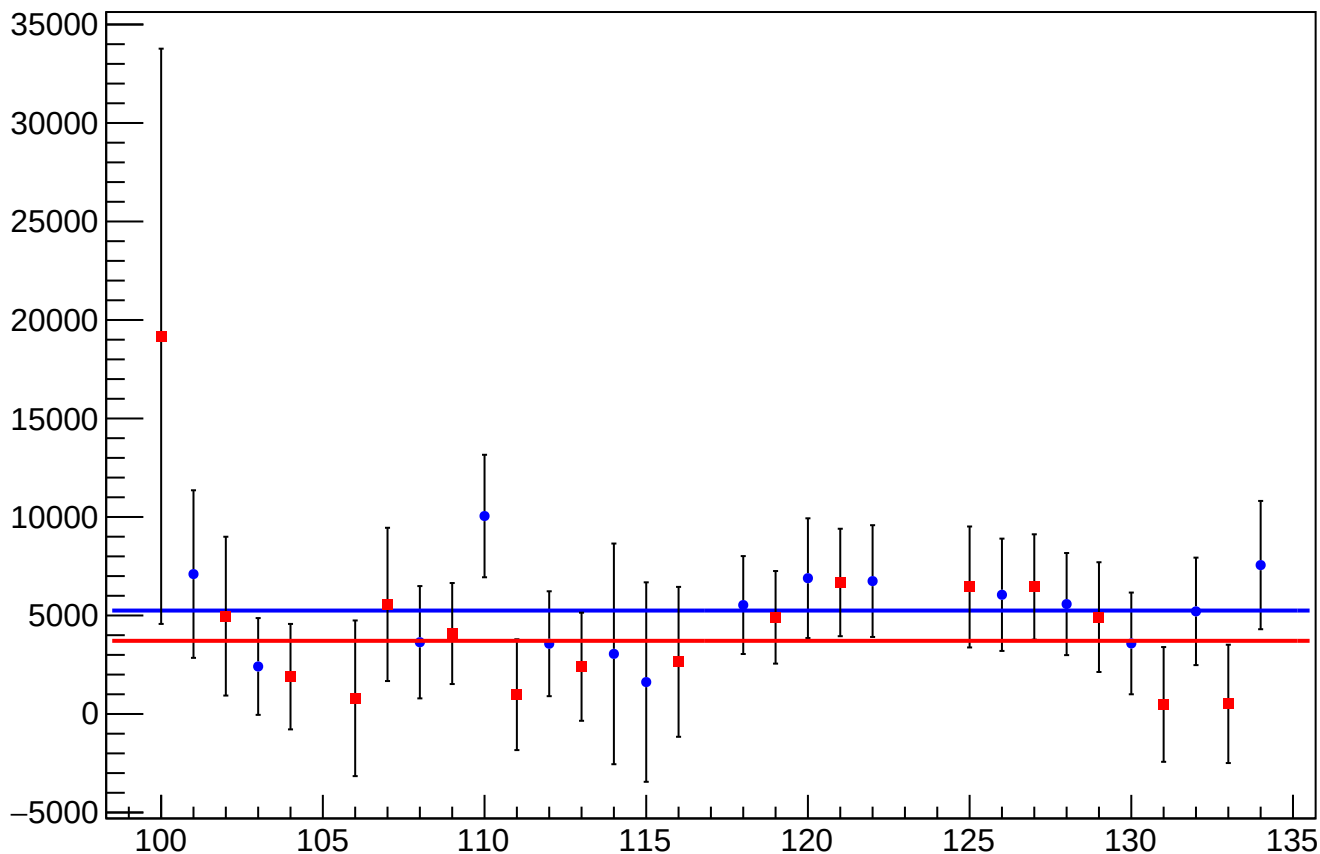
Right: 4576.610+/-0.934 χ^2/NDF : 1719256.9/30

In: 4872.207+/-1.408 χ^2/NDF : 581787.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4576.610+/-0.934 χ^2/NDF : 1719256.9/30

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5250.168+/-765.905 χ^2/NDF : 6.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3713.383+/-759.056 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

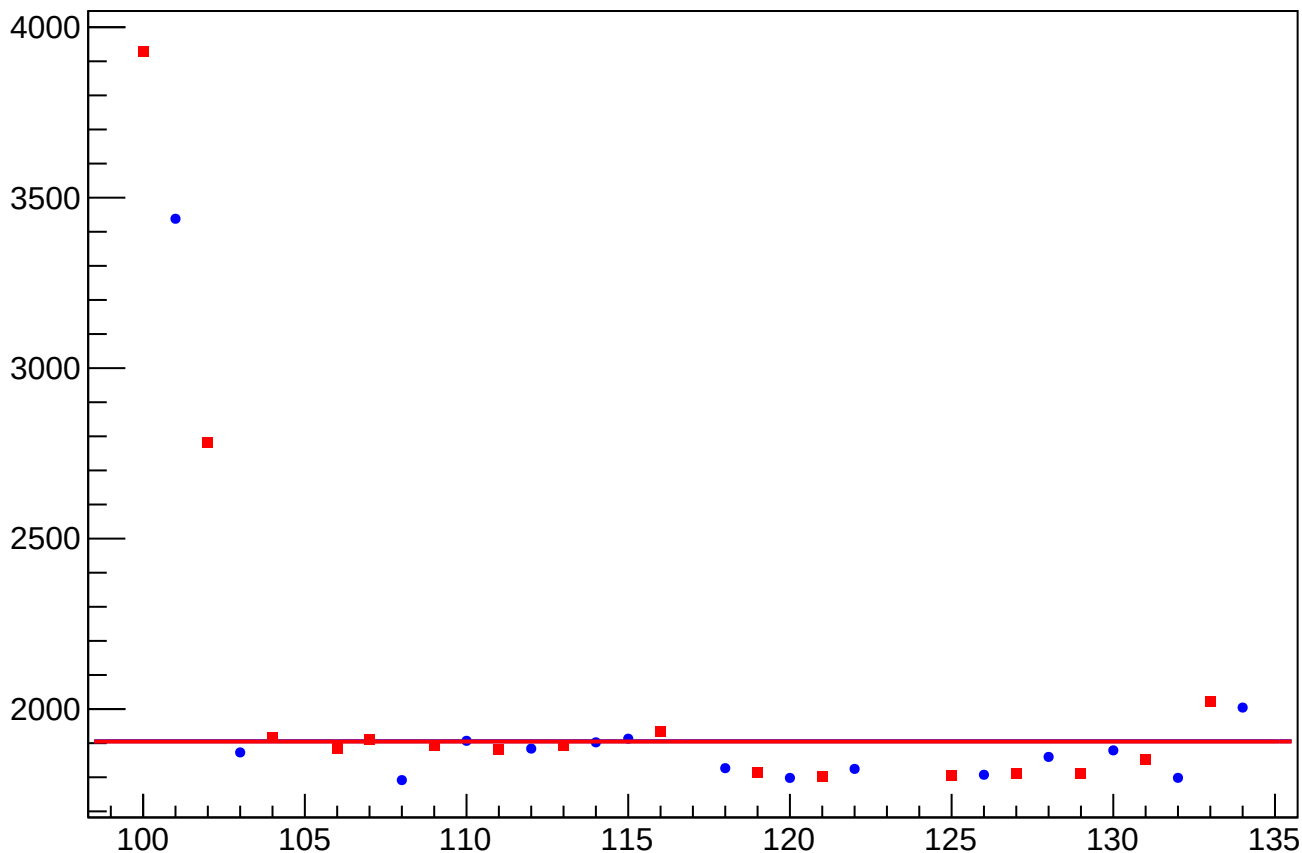
Right: 4474.874+/-539.139 χ^2/NDF : 18.5/30

In: 5250.168+/-765.905 χ^2/NDF : 6.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4474.874+/-539.139 χ^2/NDF : 18.5/30

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1905.616+/-0.542 χ^2/NDF : 277658.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1904.805+/-0.536 χ^2/NDF : 149855.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

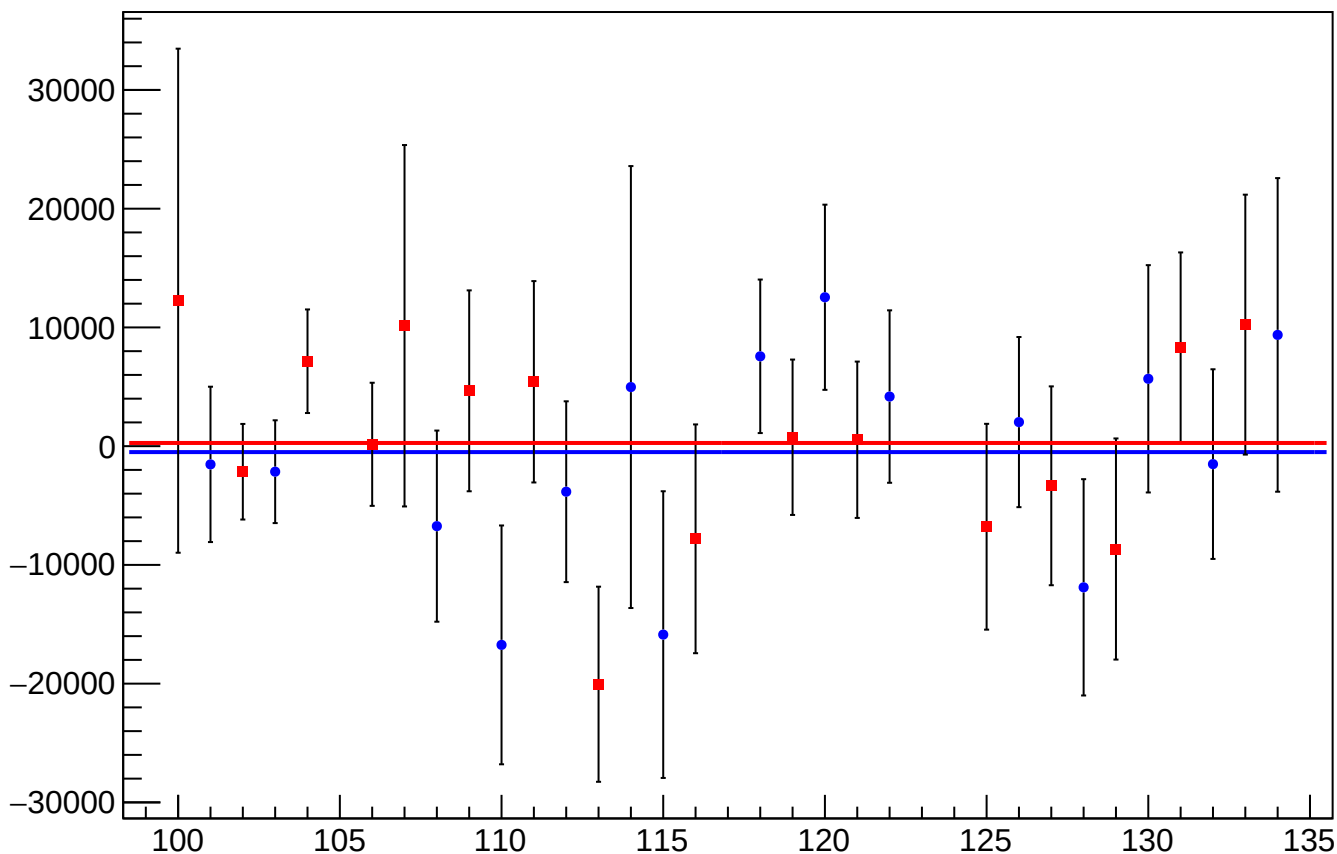
Right: 1905.206+/-0.381 χ^2/NDF : 427514.8/30

In: 1905.616+/-0.542 χ^2/NDF : 277658.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1905.206+/-0.381 χ^2/NDF : 427514.8/30

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -499.673+/-1991.076 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.725+/-1765.144 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

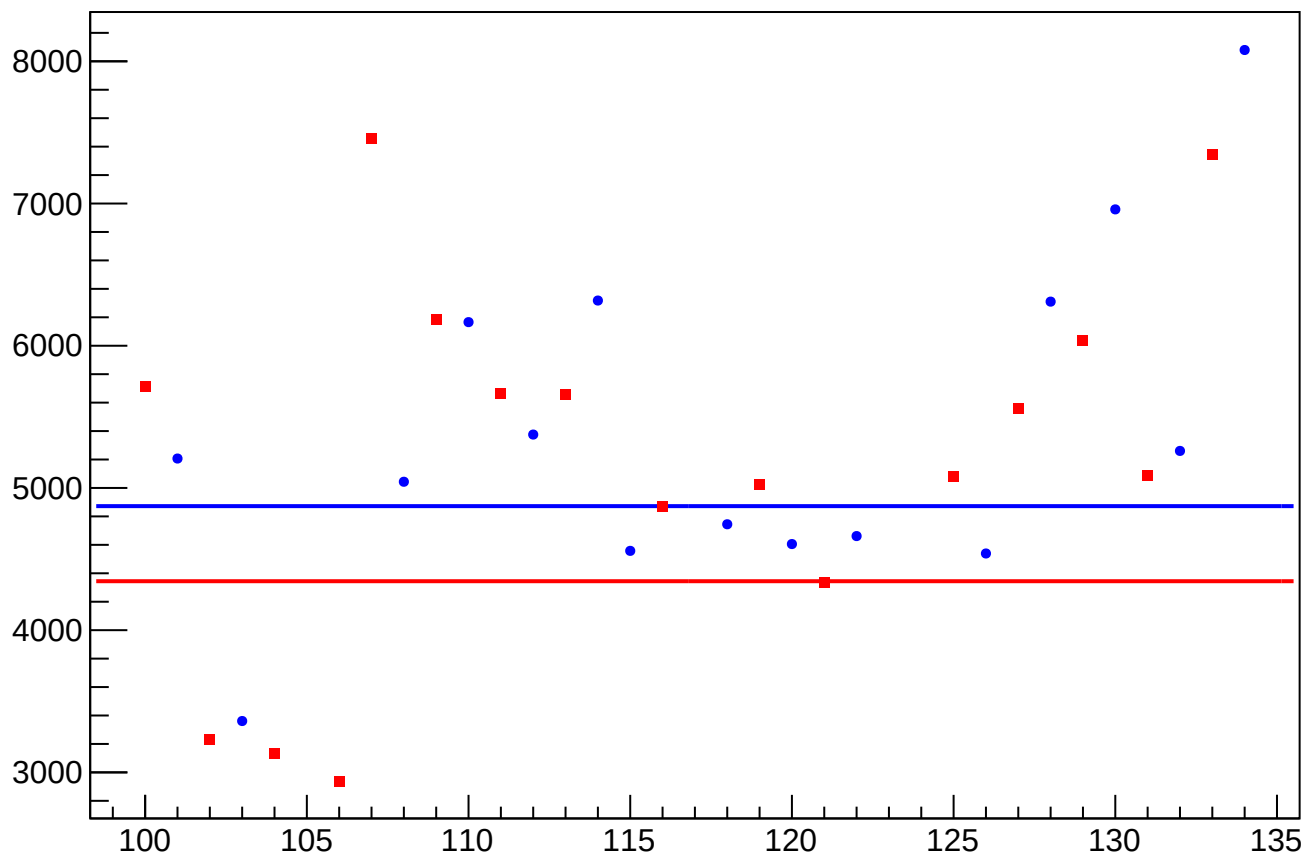
Right: -69.422+/-1320.833 χ^2/NDF : 27.5/30

In: -499.673+/-1991.076 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.422+/-1320.833 χ^2/NDF : 27.5/30

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4872.192+/-1.408 χ^2/NDF : 581787.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4344.279+/-1.248 χ^2/NDF : 1058740.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

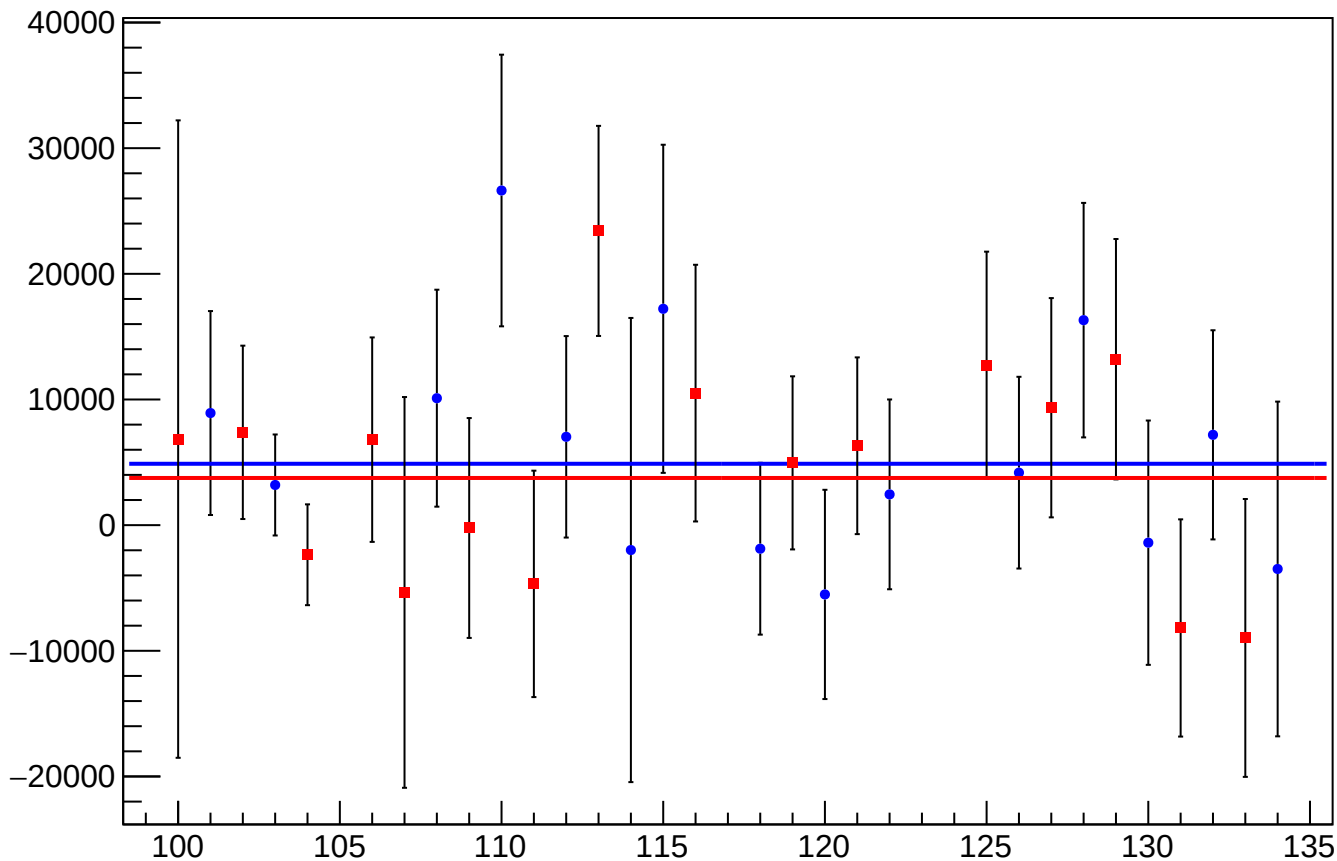
Right: 4576.597+/-0.934 χ^2/NDF : 1719253.7/30

In: 4872.192+/-1.408 χ^2/NDF : 581787.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4576.597+/-0.934 χ^2/NDF : 1719253.7/30

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4884.506+/-2058.049 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3754.337+/-1990.513 χ^2/NDF : 15.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

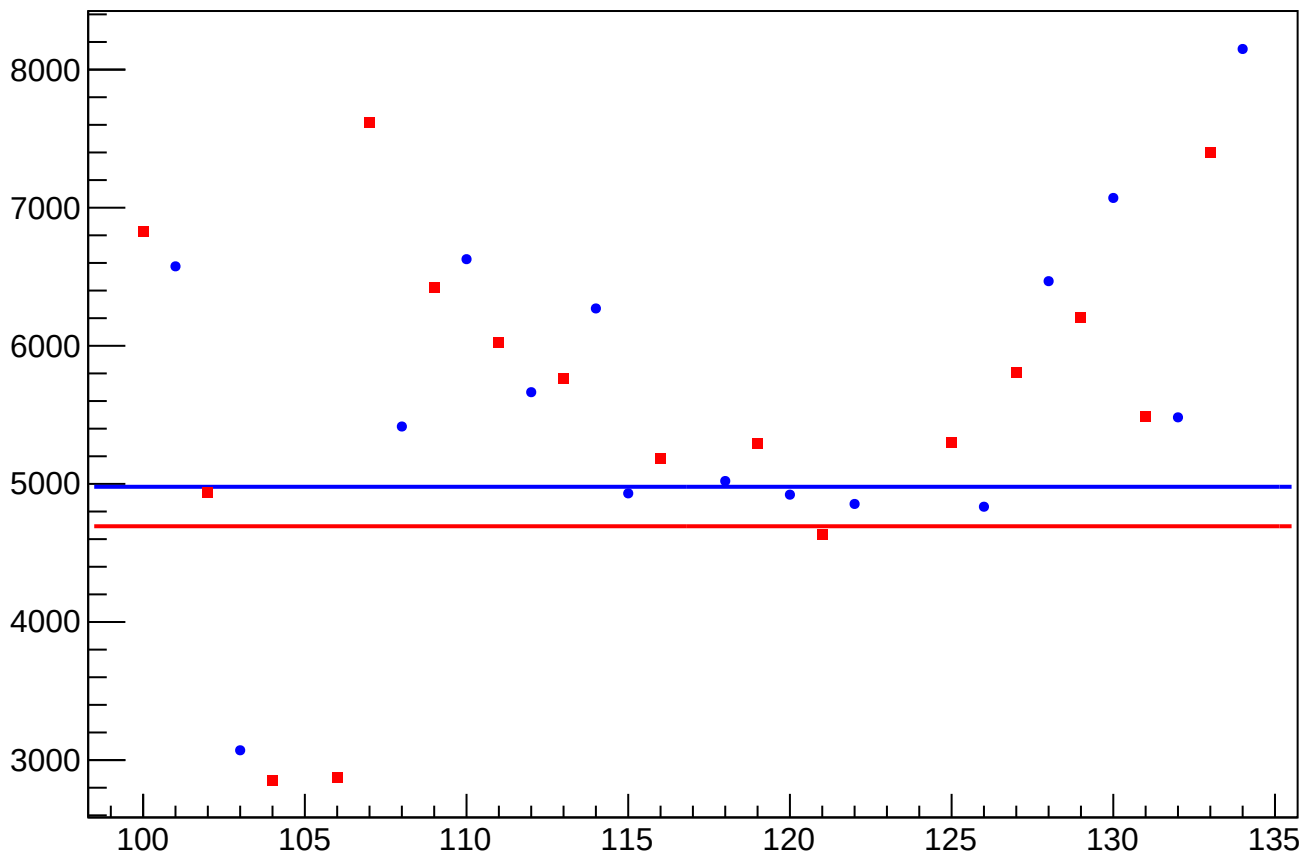
Right: 4300.574+/-1430.786 χ^2/NDF : 27.0/30

In: 4884.506+/-2058.049 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4300.574+/-1430.786 χ^2/NDF : 27.0/30

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4979.109+/-1.455 χ^2/NDF : 869789.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4693.314+/-1.377 χ^2/NDF : 1086293.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

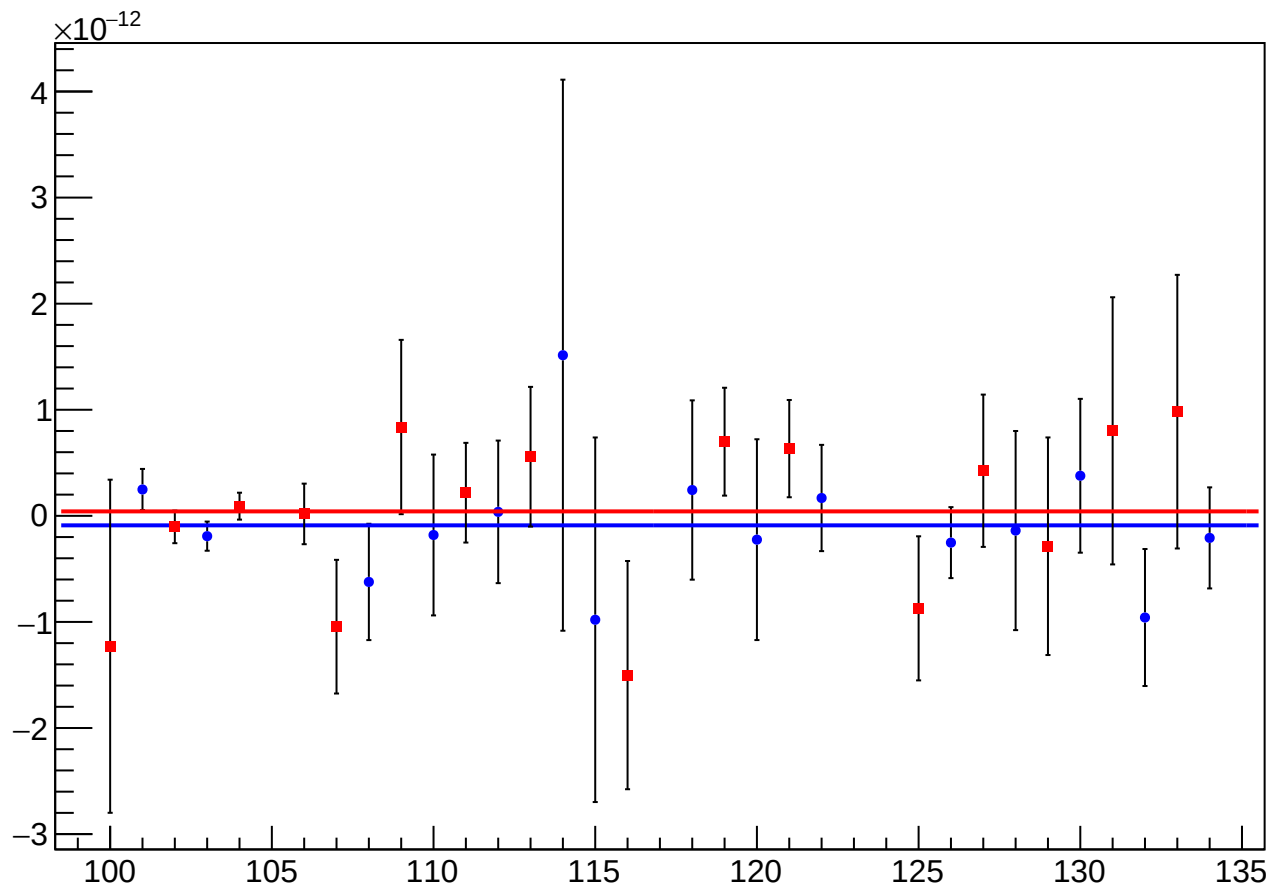
Right: 4828.336+/-1.000 χ^2/NDF : 1976430.0/30

In: 4979.109+/-1.455 χ^2/NDF : 869789.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4828.336+/-1.000 χ^2/NDF : 1976430.0/30

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

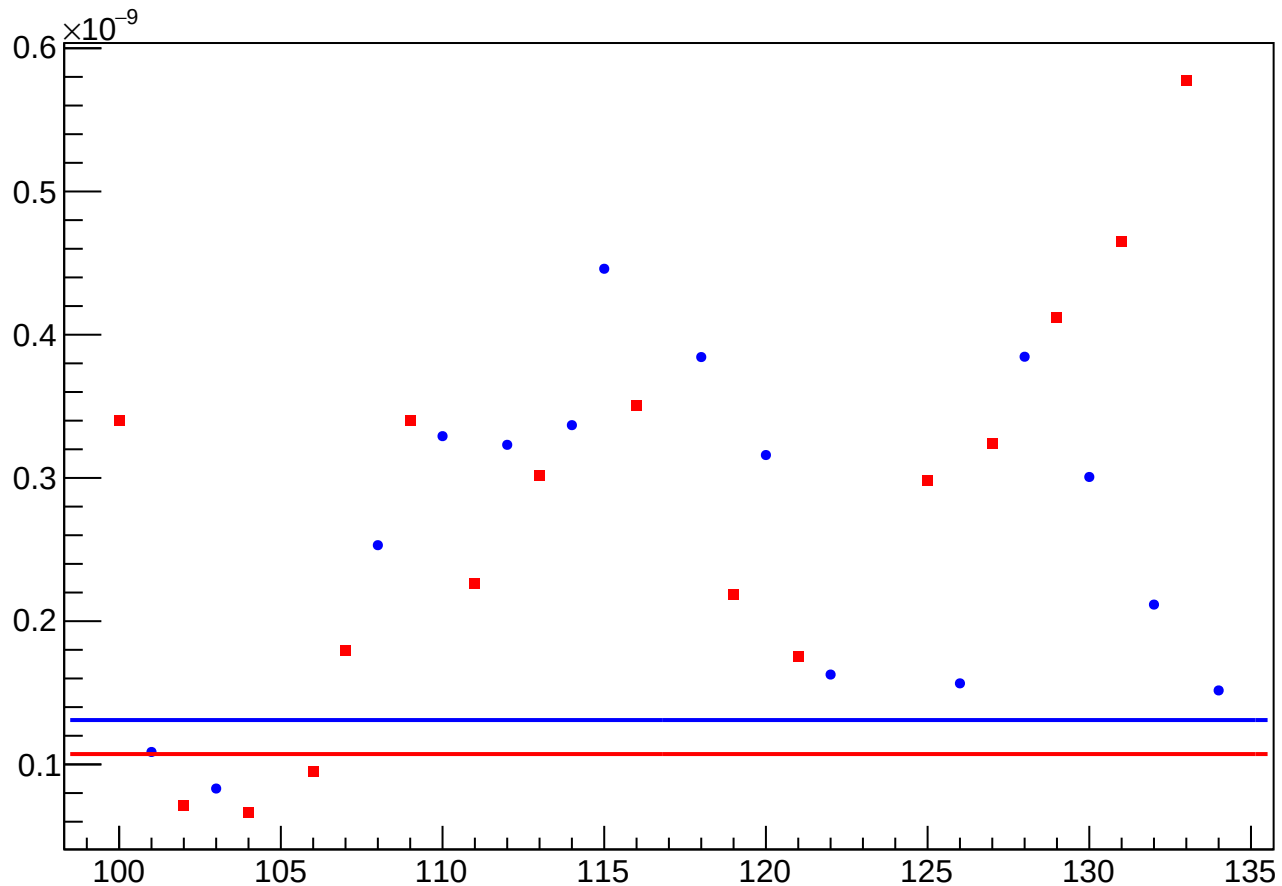
Right: -0.000+/-0.000 χ^2/NDF : 24.2/30

In: -0.000+/-0.000 χ^2/NDF : 8.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/30

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1314645.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2041580.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

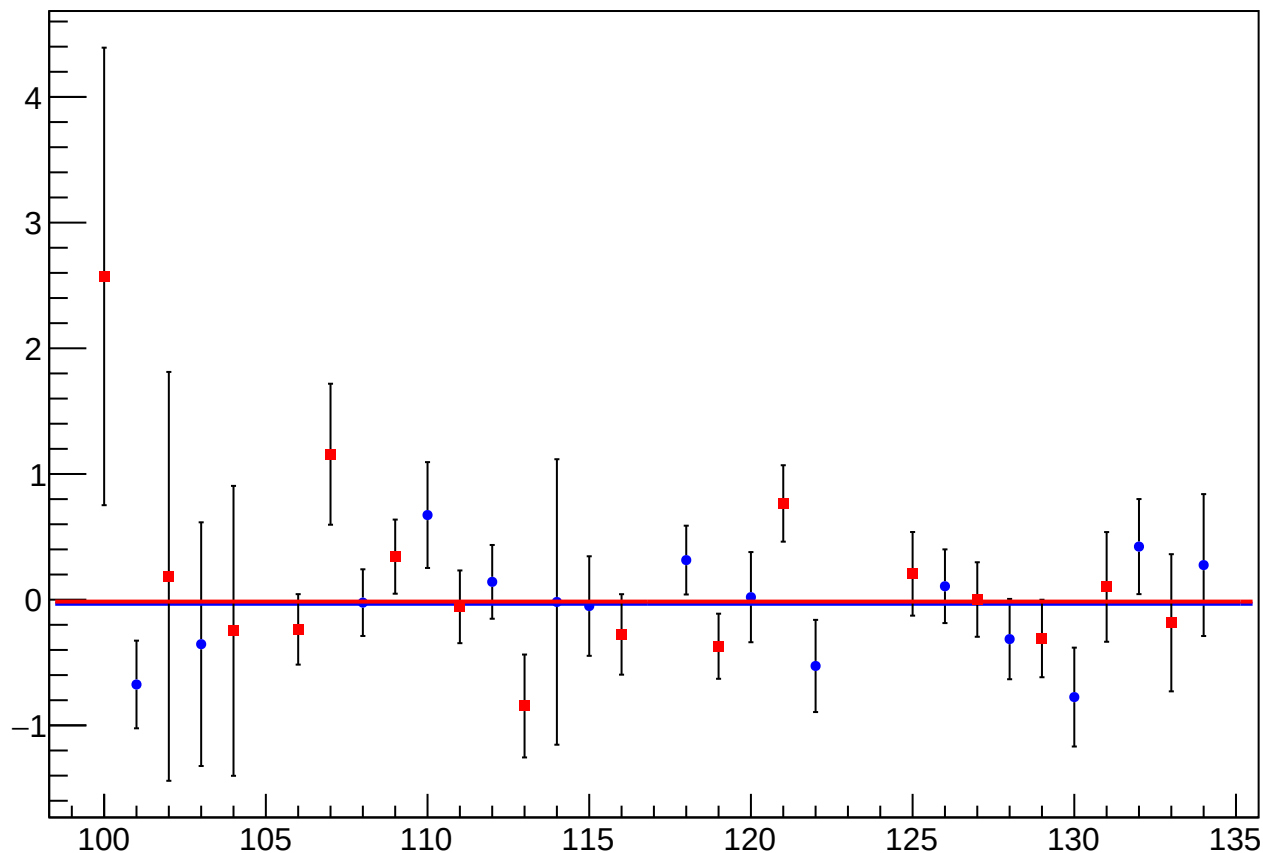
Right: 0.000+/-0.000 χ^2/NDF : 3427419.7/30

In: 0.000+/-0.000 χ^2/NDF : 1314645.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3427419.7/30

asym_us_avg_atlr_avg_avg_dit_vs_Slug, Sign Corrected



Right In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.015+/-0.091 χ^2/NDF : 23.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

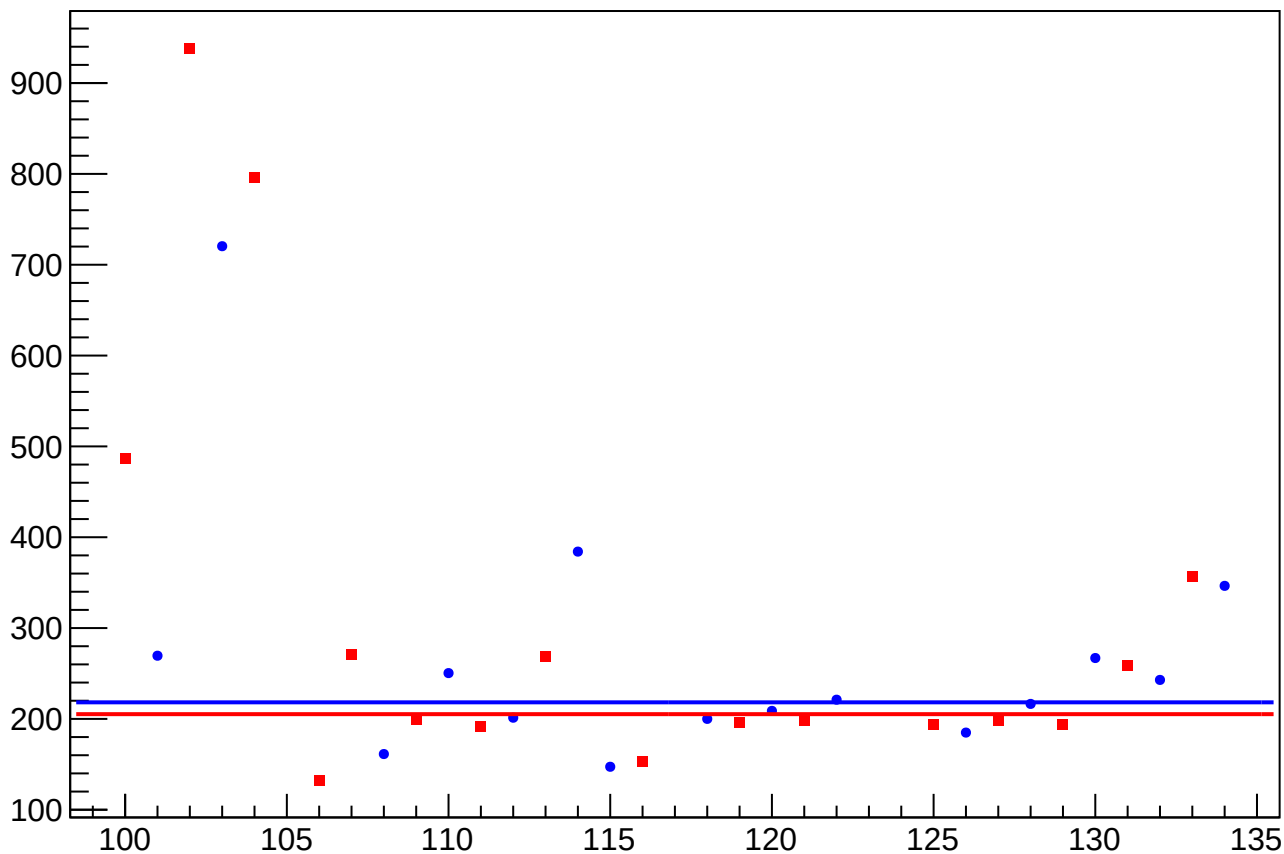
Right: -0.024+/-0.065 χ^2/NDF : 39.8/30

In: -0.033+/-0.093 χ^2/NDF :16.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.024+/-0.065 χ^2/NDF : 39.8/30

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 218.236+/-0.066 χ^2/NDF : 975893.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.226+/-0.064 χ^2/NDF : 1442856.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

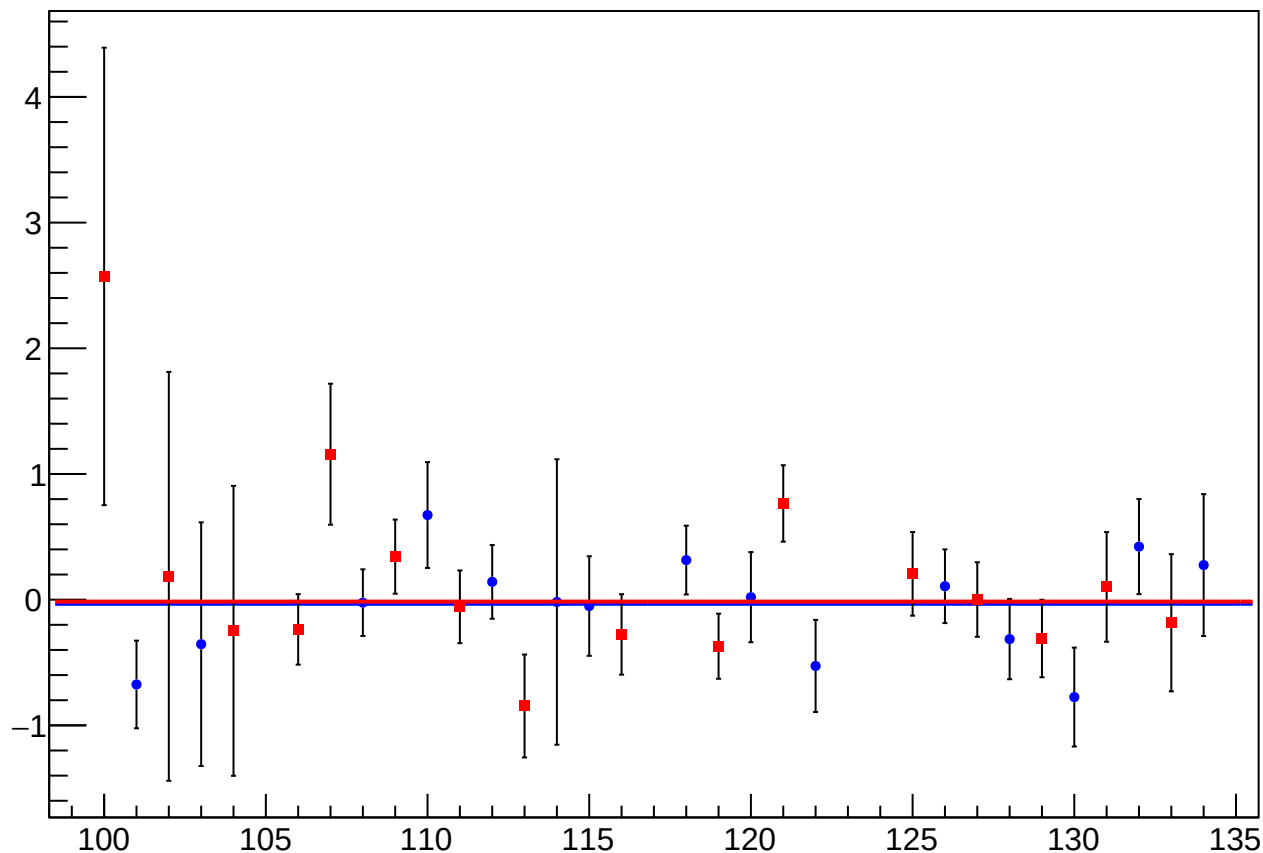
Right: 211.530+/-0.046 χ^2/NDF : 2438724.5/30

In: 218.236+/-0.066 χ^2/NDF : 975893.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.530+/-0.046 χ^2/NDF : 2438724.5/30

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 ± 0.093 χ^2/NDF : 16.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.091 χ^2/NDF : 23.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

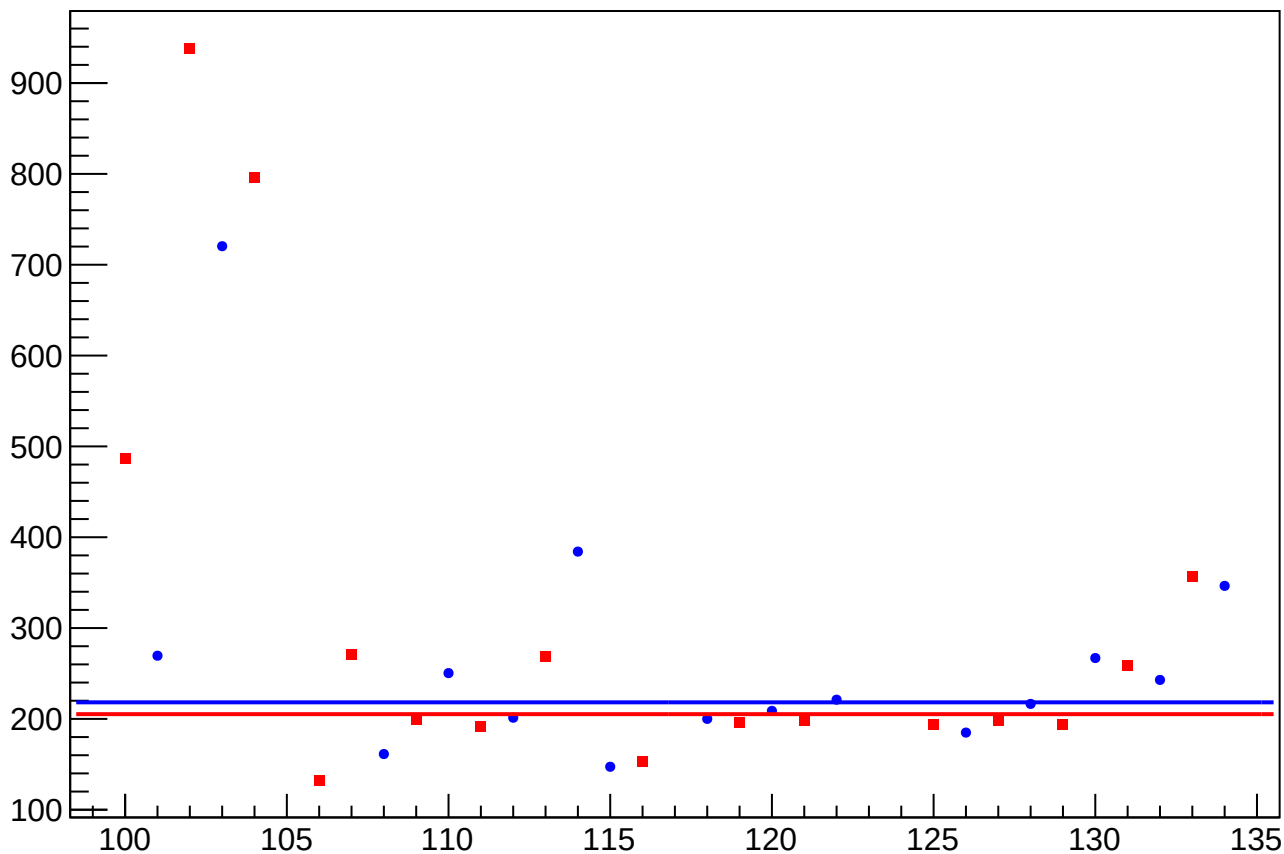
Right: -0.024 ± 0.065 χ^2/NDF : 39.8/30

In: -0.033 ± 0.093 χ^2/NDF : 16.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.065 χ^2/NDF : 39.8/30

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 218.236 $\pm$ 0.066 χ^2/NDF : 975893.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 205.226 $\pm$ 0.064 χ^2/NDF : 1442856.3/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

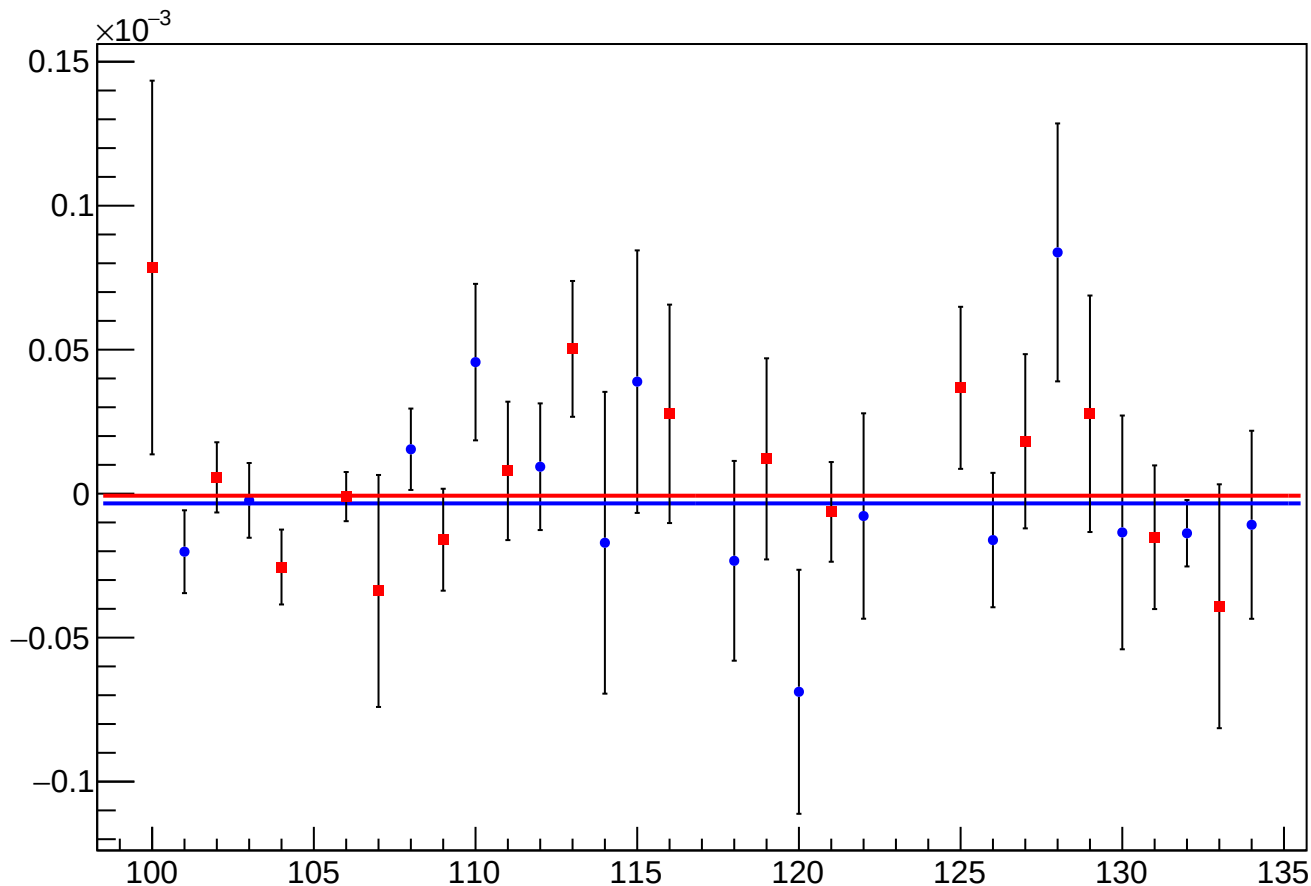
Right: 211.530 $\pm$ 0.046 χ^2/NDF : 2438724.5/30

In: 218.236 $\pm$ 0.066 χ^2/NDF :975893.6/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 211.530 $\pm$ 0.046 χ^2/NDF : 2438724.5/30

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.2/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

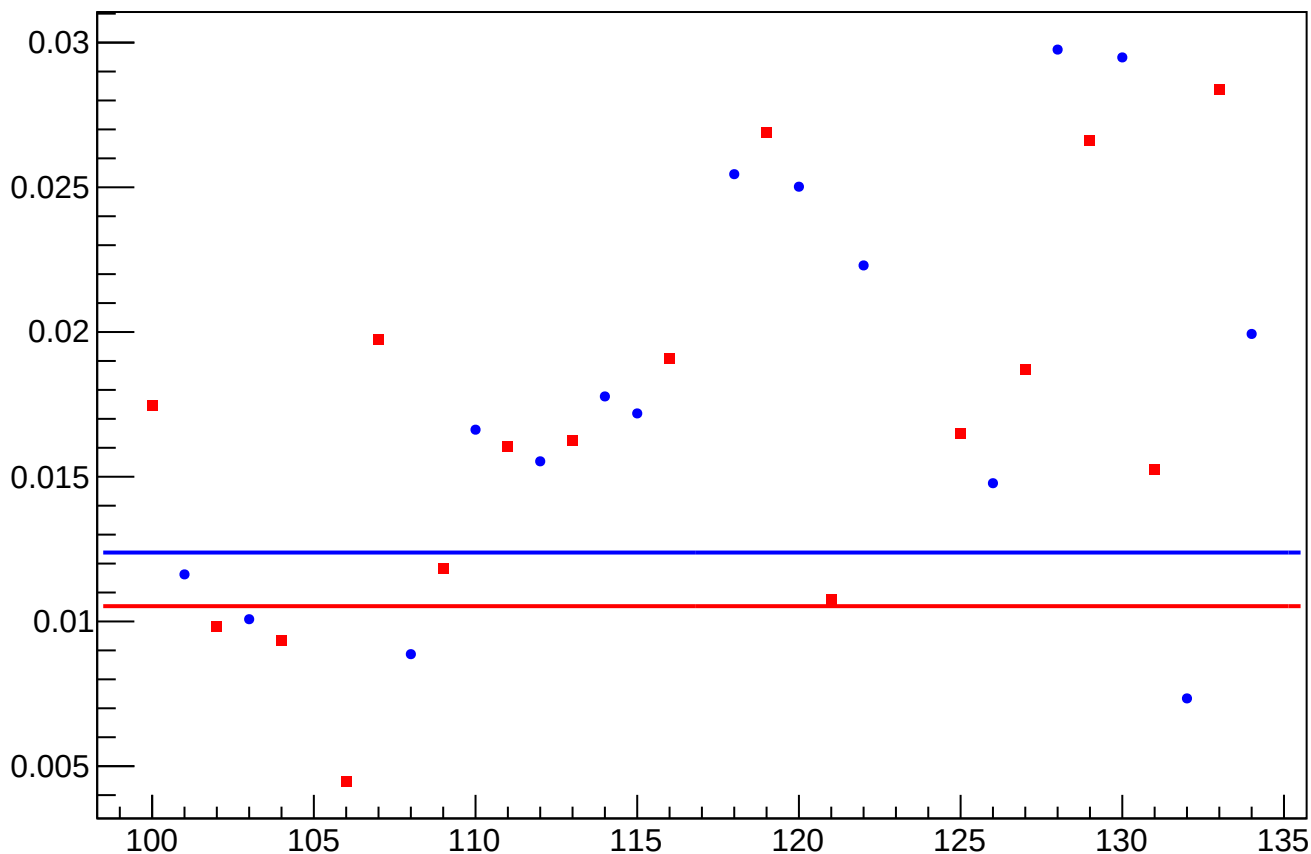
Right: -0.000+/-0.000 χ^2 /NDF: 31.7/30

In: -0.000+/-0.000 χ^2 /NDF:15.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.7/30

asym_us_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 2108127.9/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000

χ^2/NDF : 2907119.4/15

Left 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 : 5145948.9/30

In: 0.012+/-0.000

χ^2/NDF :2108127.9/14

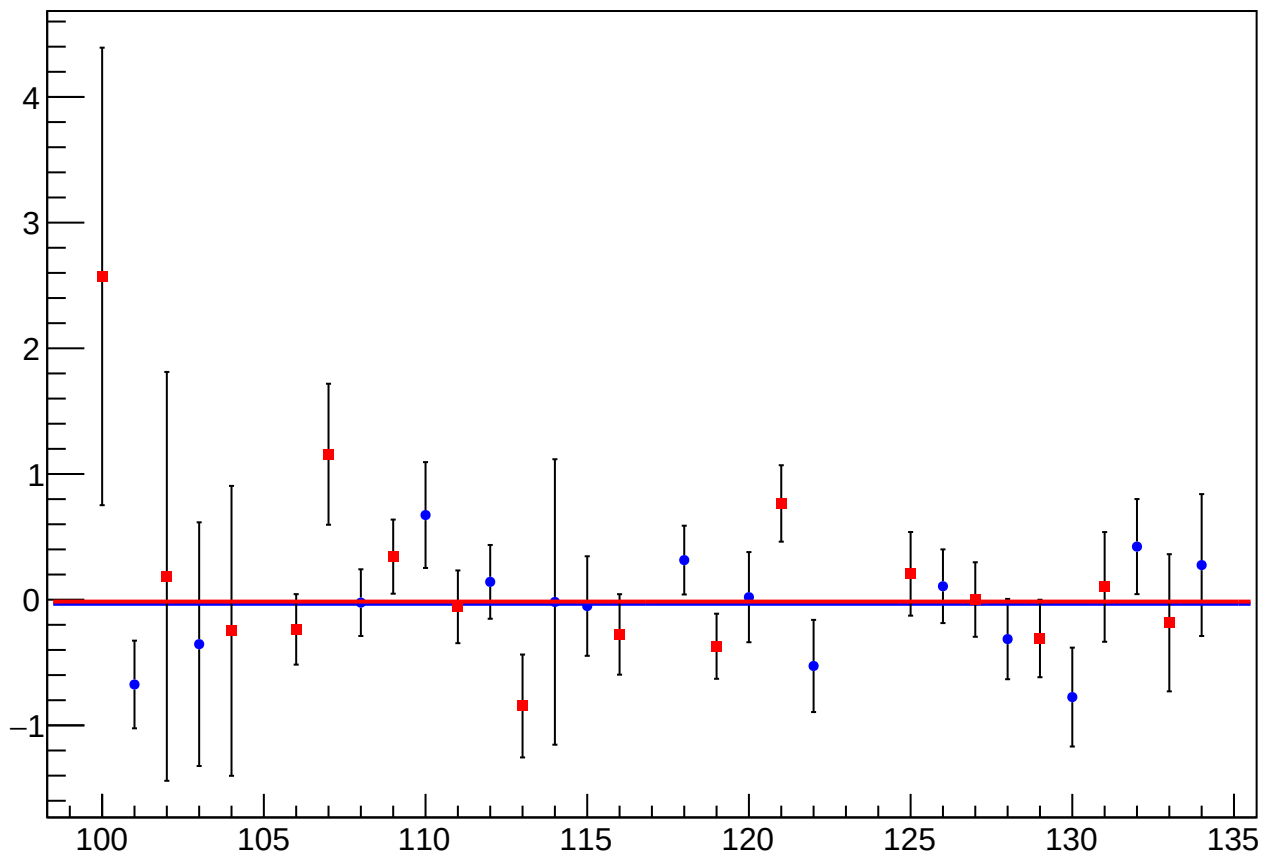
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.011+/-0.000

χ^2/NDF : 5145948.9/30

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.091 χ^2/NDF : 23.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

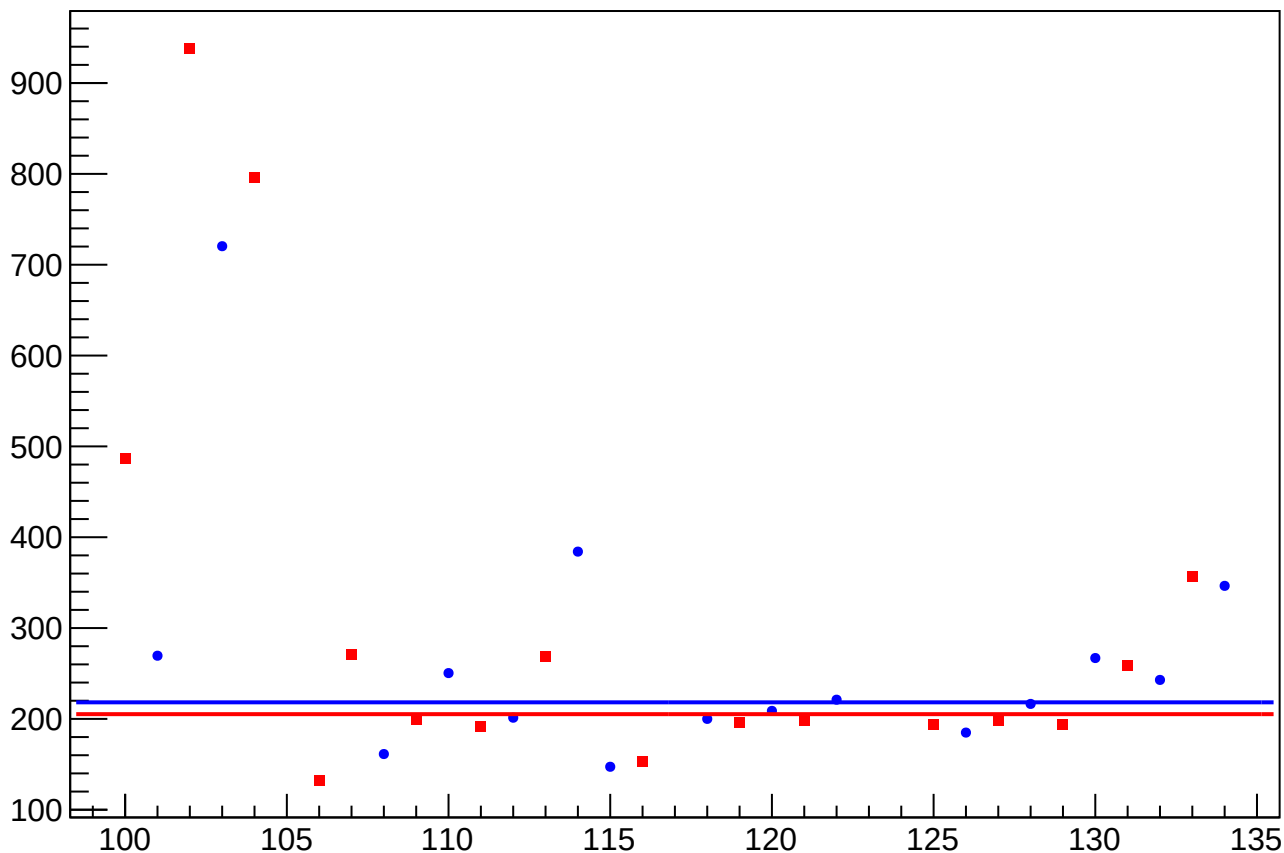
Right: -0.024+/-0.065 χ^2/NDF : 39.8/30

In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.065 χ^2/NDF : 39.8/30

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 218.234+/-0.066 χ^2/NDF : 975867.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.223+/-0.064 χ^2/NDF : 1442824.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

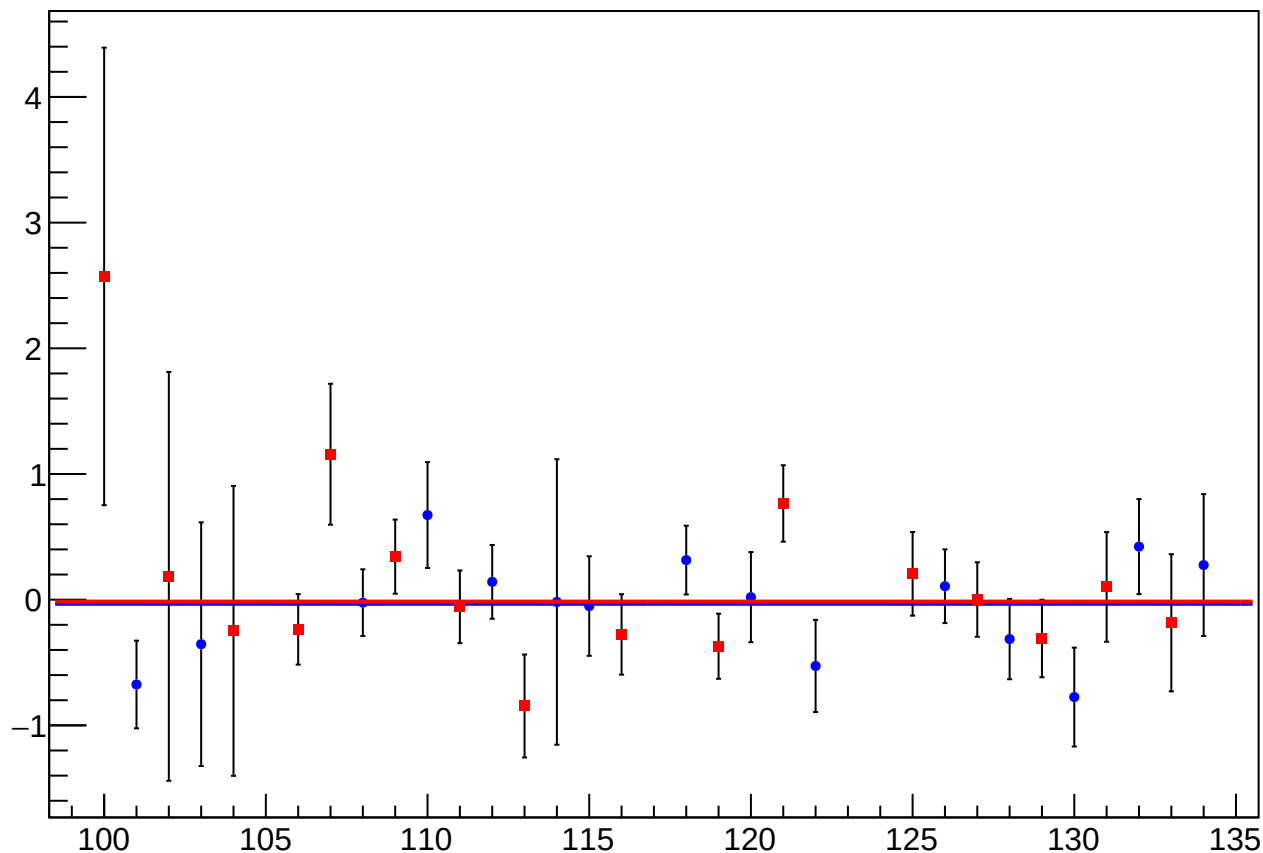
Right: 211.528+/-0.046 χ^2/NDF : 2438668.1/30

In: 218.234+/-0.066 χ^2/NDF : 975867.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.528+/-0.046 χ^2/NDF : 2438668.1/30

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.091 χ^2/NDF : 23.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

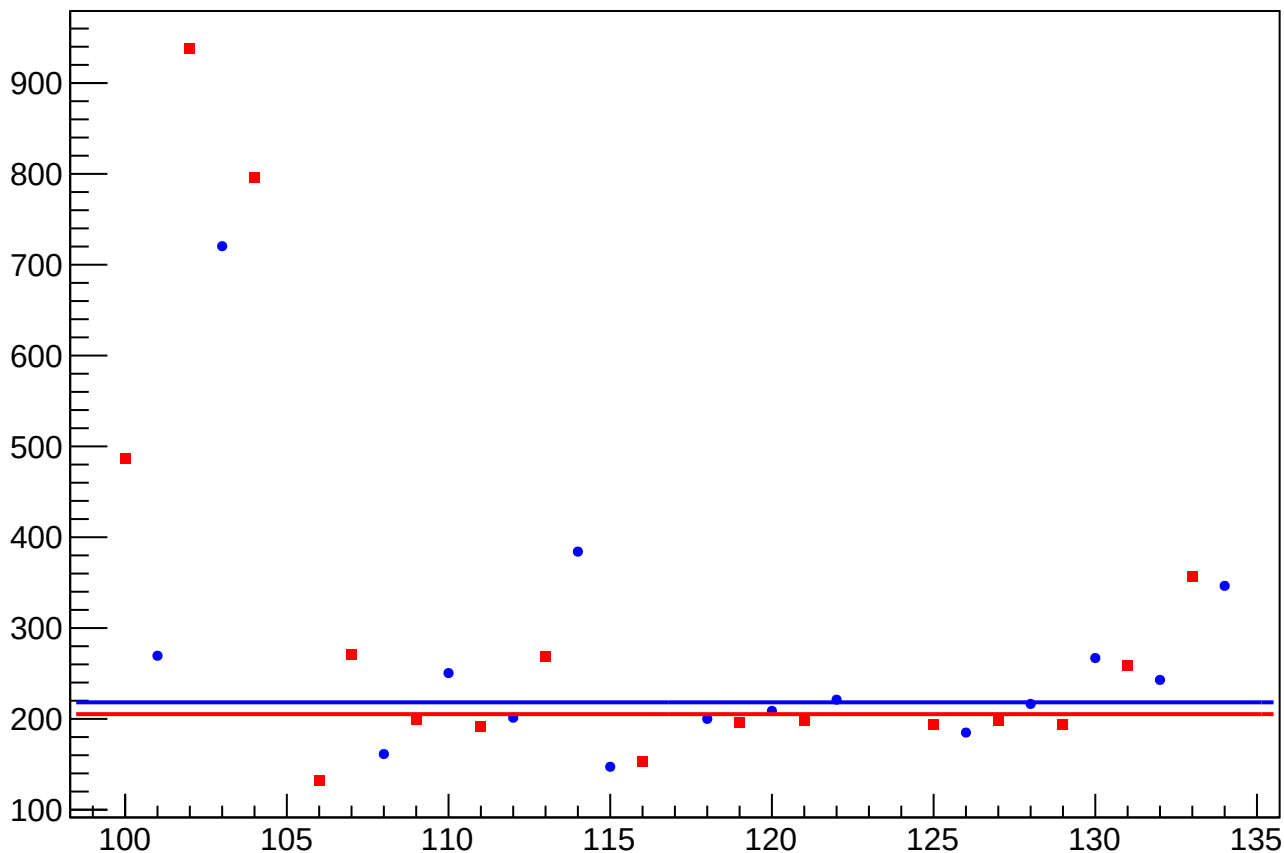
Right: -0.024+/-0.065 χ^2/NDF : 39.8/30

In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.065 χ^2/NDF : 39.8/30

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 218.234+/-0.066 χ^2/NDF : 975867.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 205.223+/-0.064 χ^2/NDF : 1442824.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

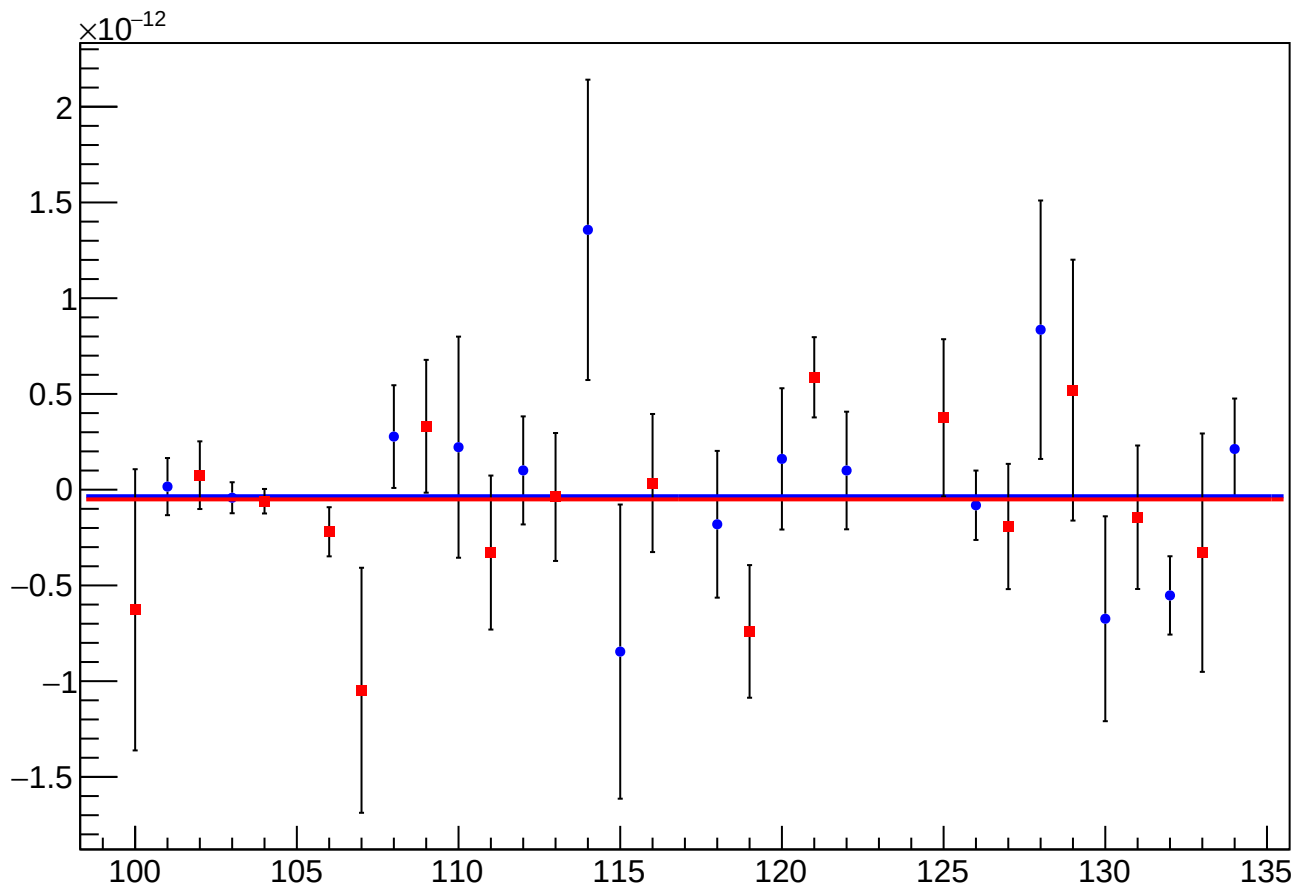
Right: 211.528+/-0.046 χ^2/NDF : 2438668.1/30

In: 218.234+/-0.066 χ^2/NDF :975867.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 211.528+/-0.046 χ^2/NDF : 2438668.1/30

asym_us_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

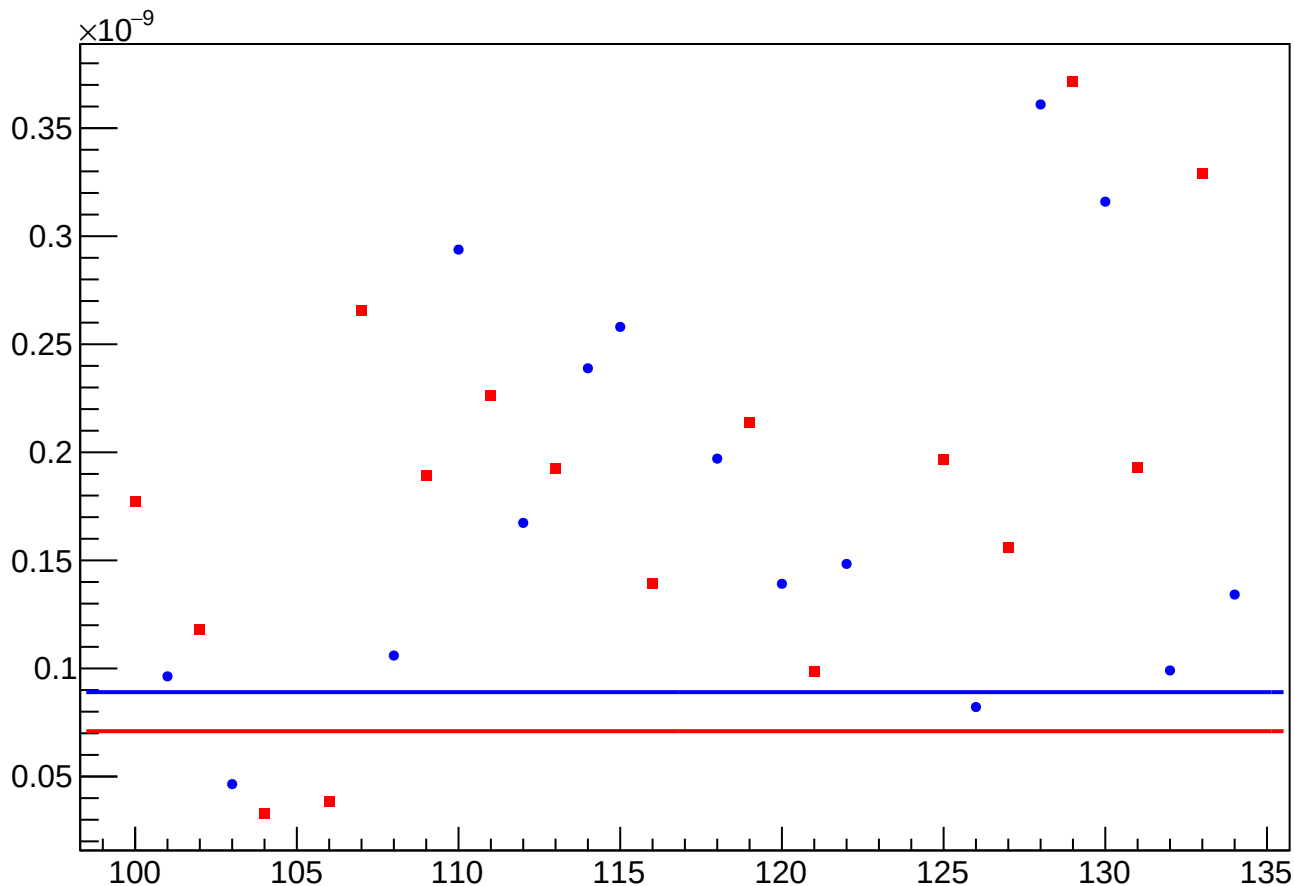
Right: -0.000+/-0.000 χ^2/NDF : 39.8/30

In: -0.000+/-0.000 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.8/30

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 : 2162612.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3722310.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

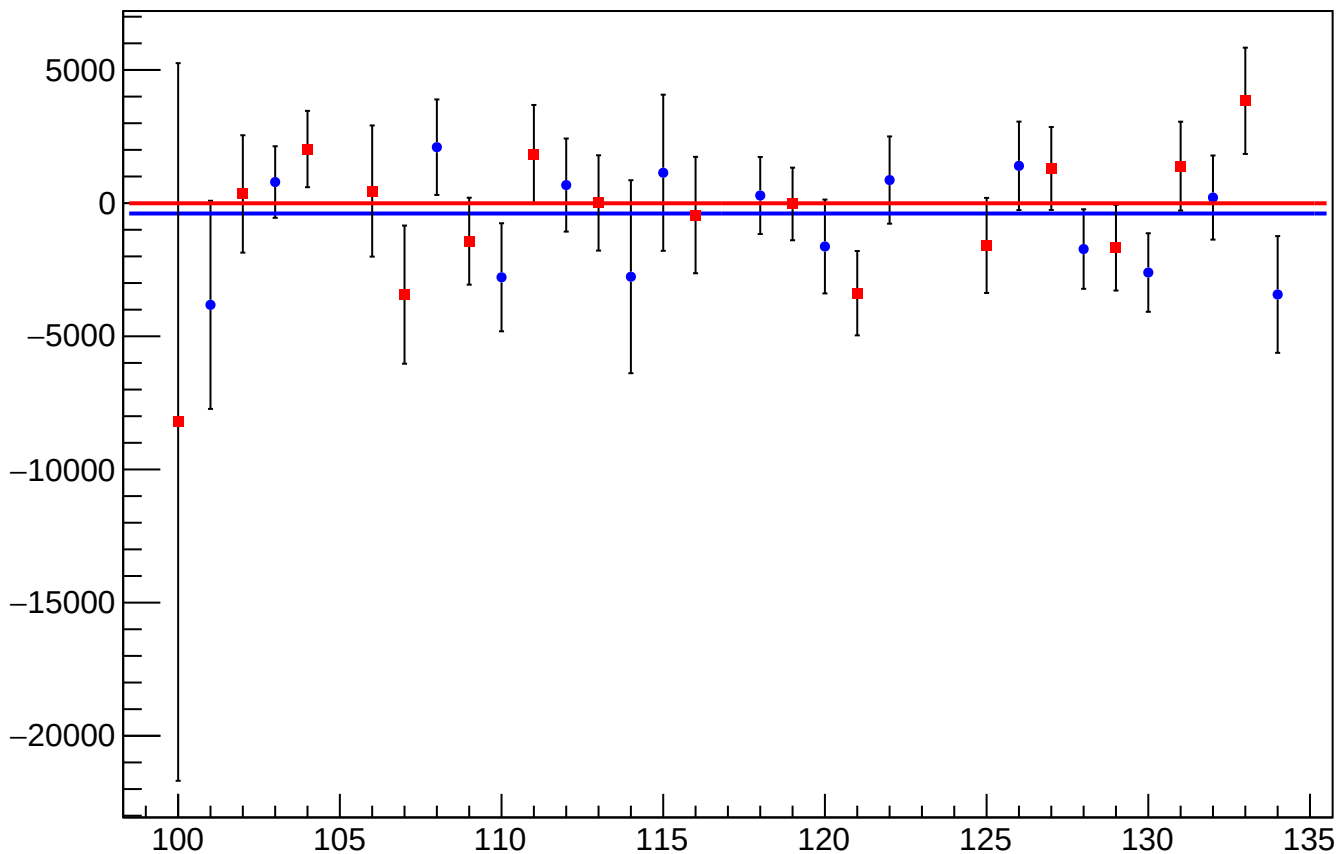
Right: 0.000+/-0.000 χ^2/NDF : 6006847.9/30

In: 0.000+/-0.000 χ^2/NDF : 2162612.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6006847.9/30

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -389.607 ± 458.959 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.204 ± 453.628 χ^2/NDF : 17.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

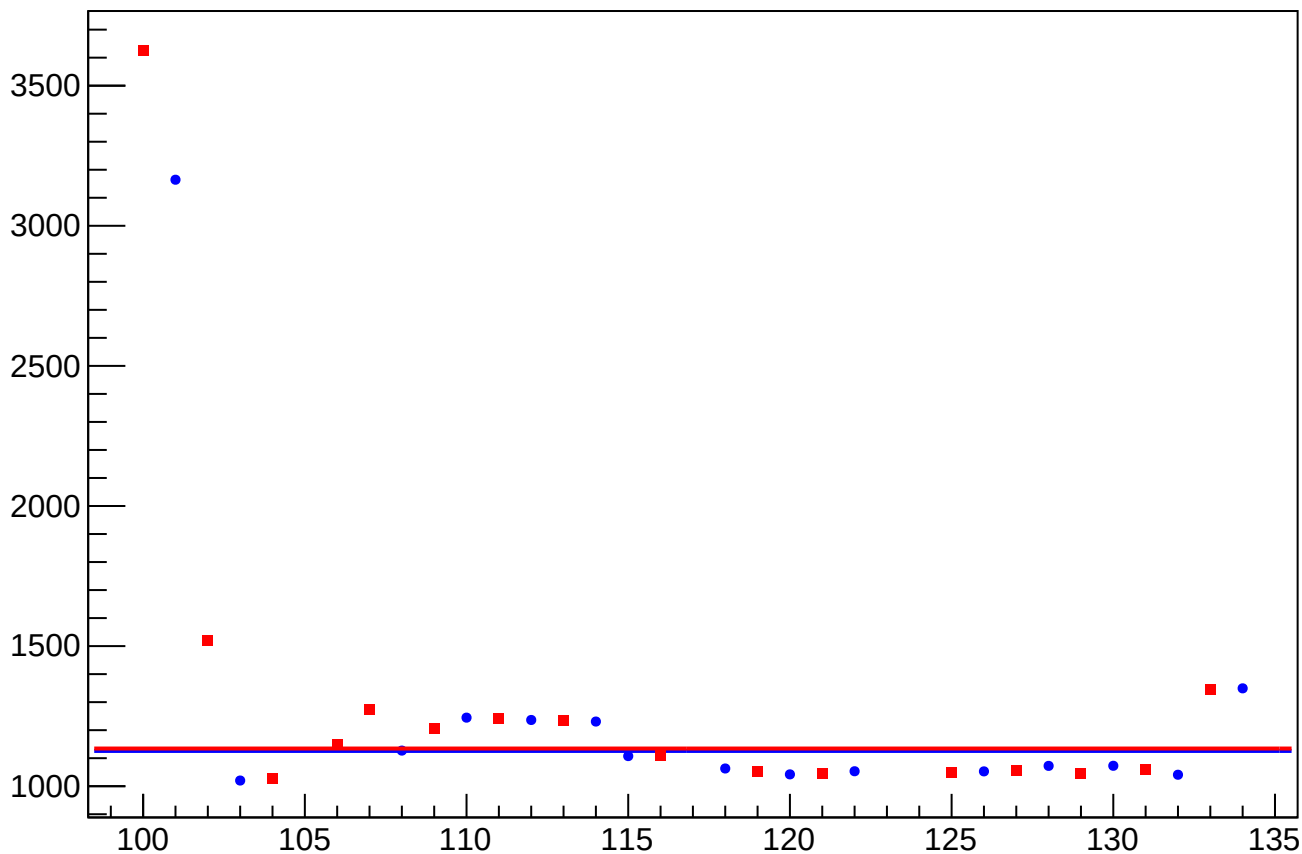
Right: -195.666 ± 322.632 χ^2/NDF : 31.4/30

In: -389.607 ± 458.959 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -195.666 ± 322.632 χ^2/NDF : 31.4/30

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1125.894+/-0.325 χ^2/NDF : 621057.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.468+/-0.320 χ^2/NDF : 219316.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

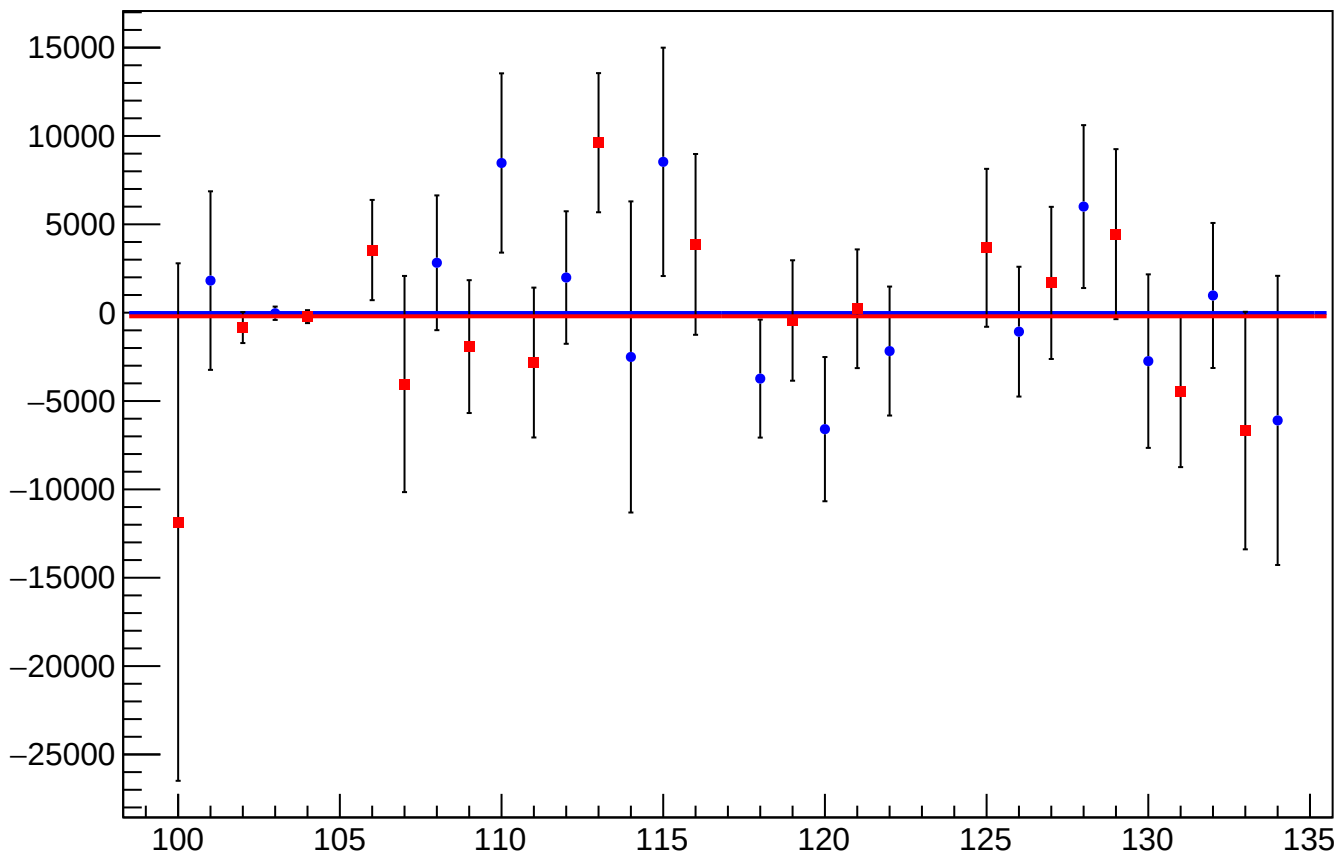
Right: 1130.240+/-0.228 χ^2/NDF : 840727.2/30

In: 1125.894+/-0.325 χ^2/NDF : 621057.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.240+/-0.228 χ^2/NDF : 840727.2/30

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -20.268+/-359.683 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -205.040+/-323.731 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

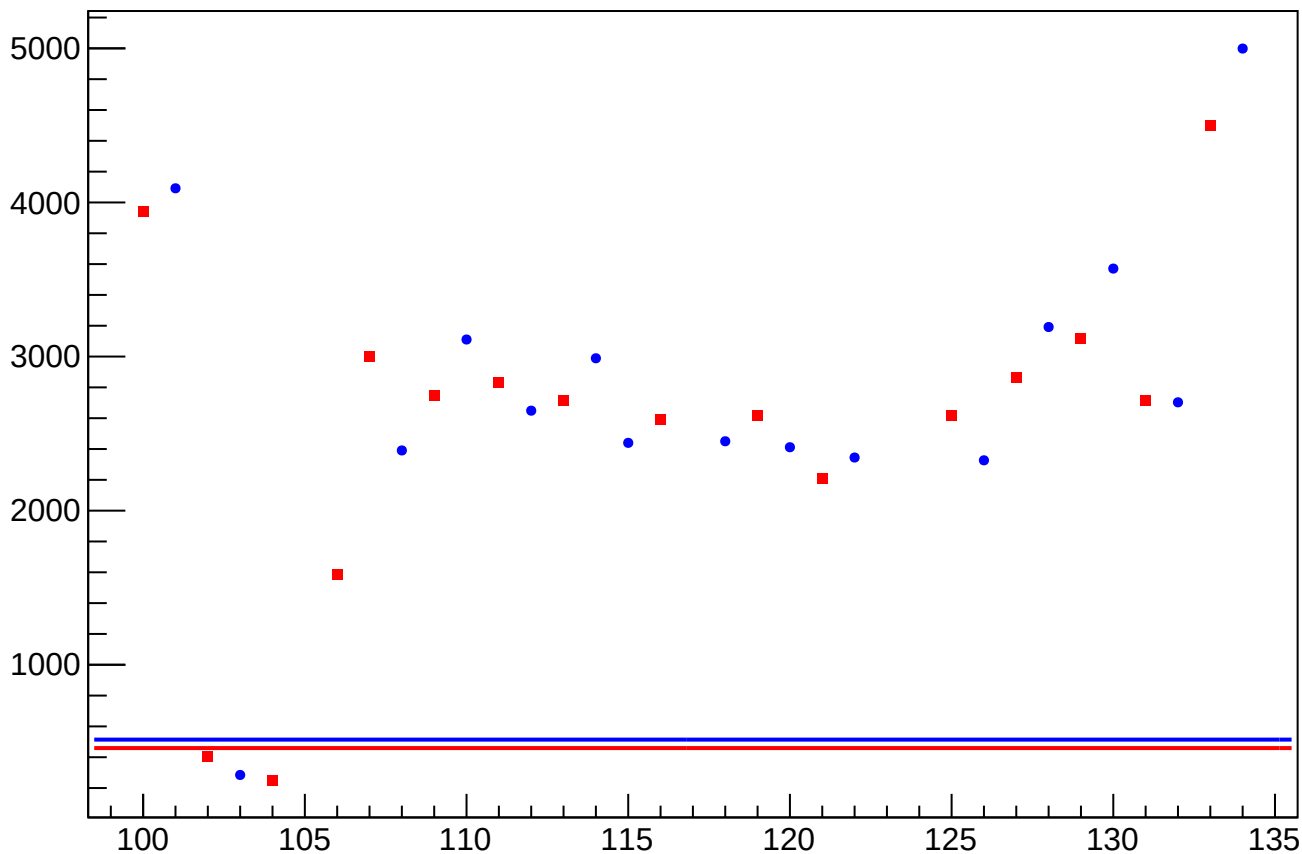
Right: -122.348+/-240.622 χ^2/NDF : 27.2/30

In: -20.268+/-359.683 χ^2/NDF :12.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -122.348+/-240.622 χ^2/NDF : 27.2/30

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 514.323+/-0.254 χ^2/NDF : 8447057.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 459.327+/-0.229 χ^2/NDF : 8152339.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

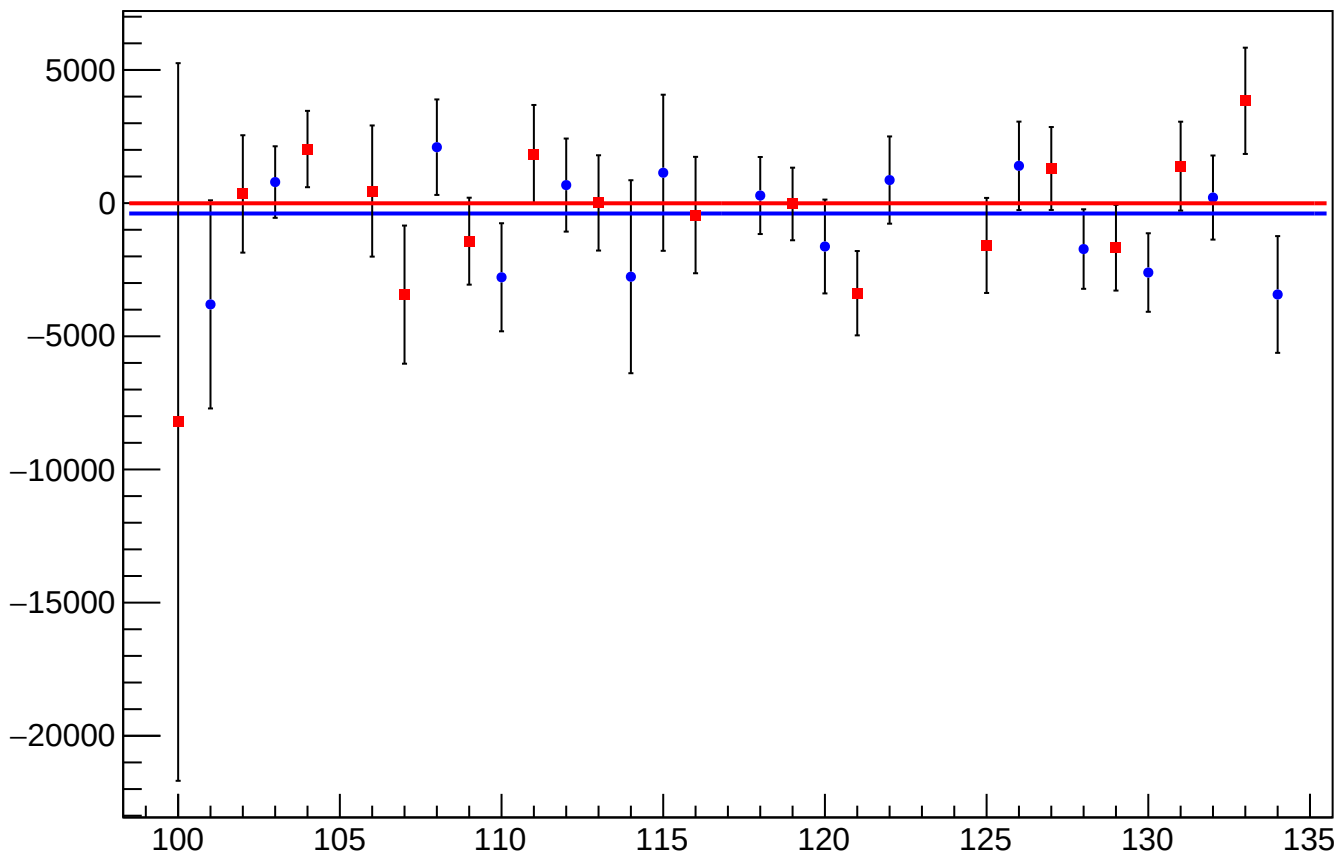
Right: 483.940+/-0.170 χ^2/NDF : 16625228.8/30

In: 514.323+/-0.254 χ^2/NDF :8447057.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 483.940+/-0.170 χ^2/NDF : 16625228.8/30

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -389.338 ± 458.959 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.020 ± 453.628 χ^2/NDF : 17.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

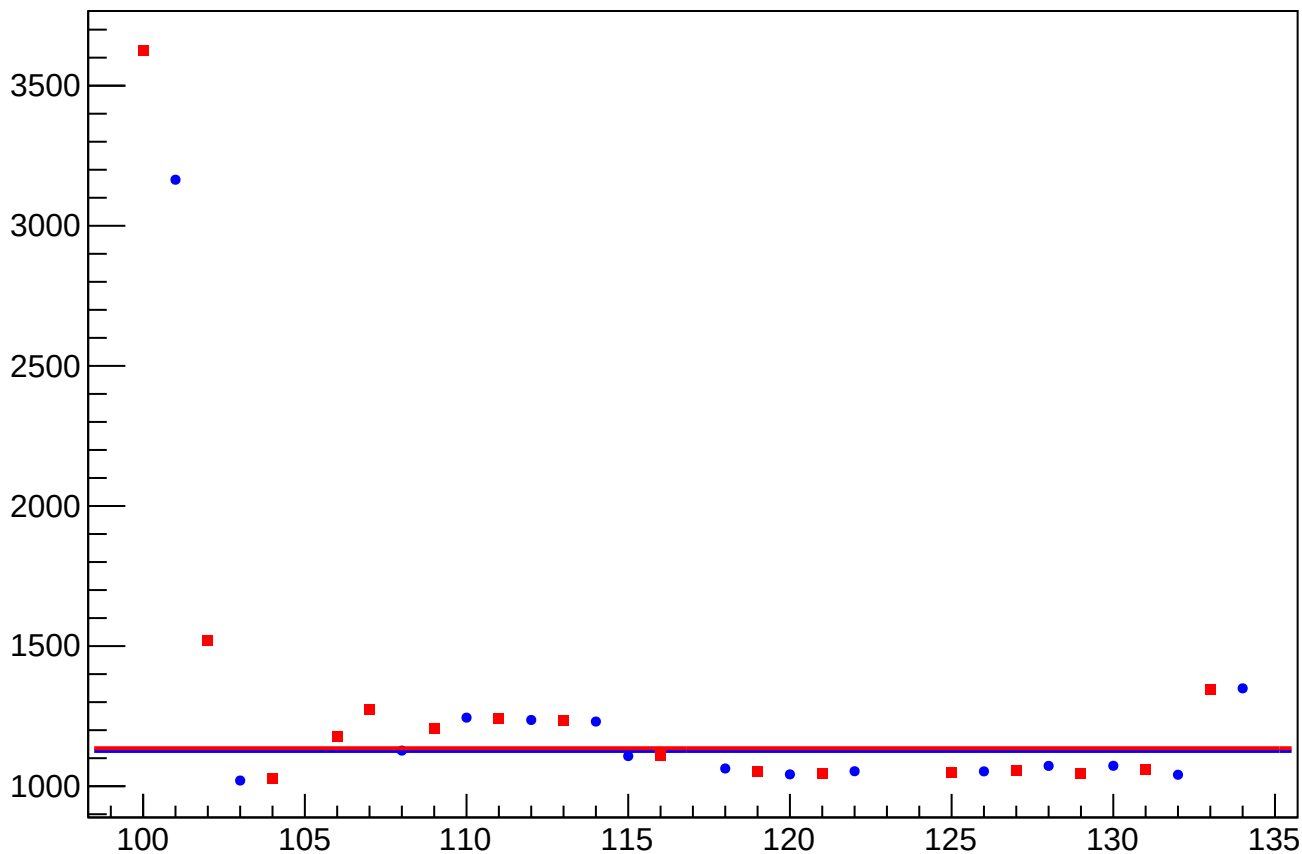
Right: -195.440 ± 322.632 χ^2/NDF : 31.4/30

In: -389.338 ± 458.959 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -195.440 ± 322.632 χ^2/NDF : 31.4/30

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1125.894+/-0.325 χ^2/NDF : 621058.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.524+/-0.321 χ^2/NDF : 219906.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

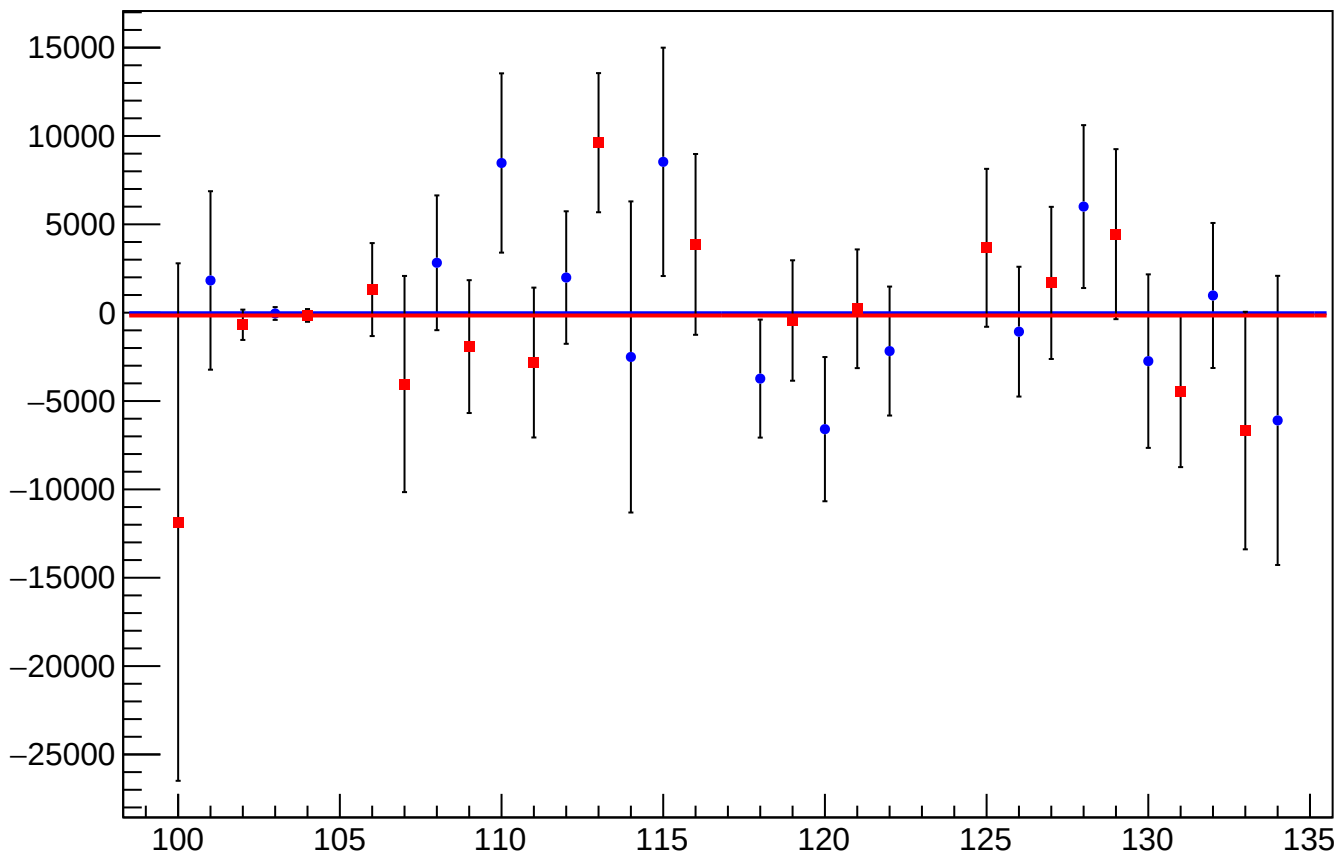
Right: 1130.768+/-0.228 χ^2/NDF : 841410.6/30

In: 1125.894+/-0.325 χ^2/NDF : 621058.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.768+/-0.228 χ^2/NDF : 841410.6/30

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -32.835 ± 346.341 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -159.193 ± 318.497 χ^2/NDF : 12.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

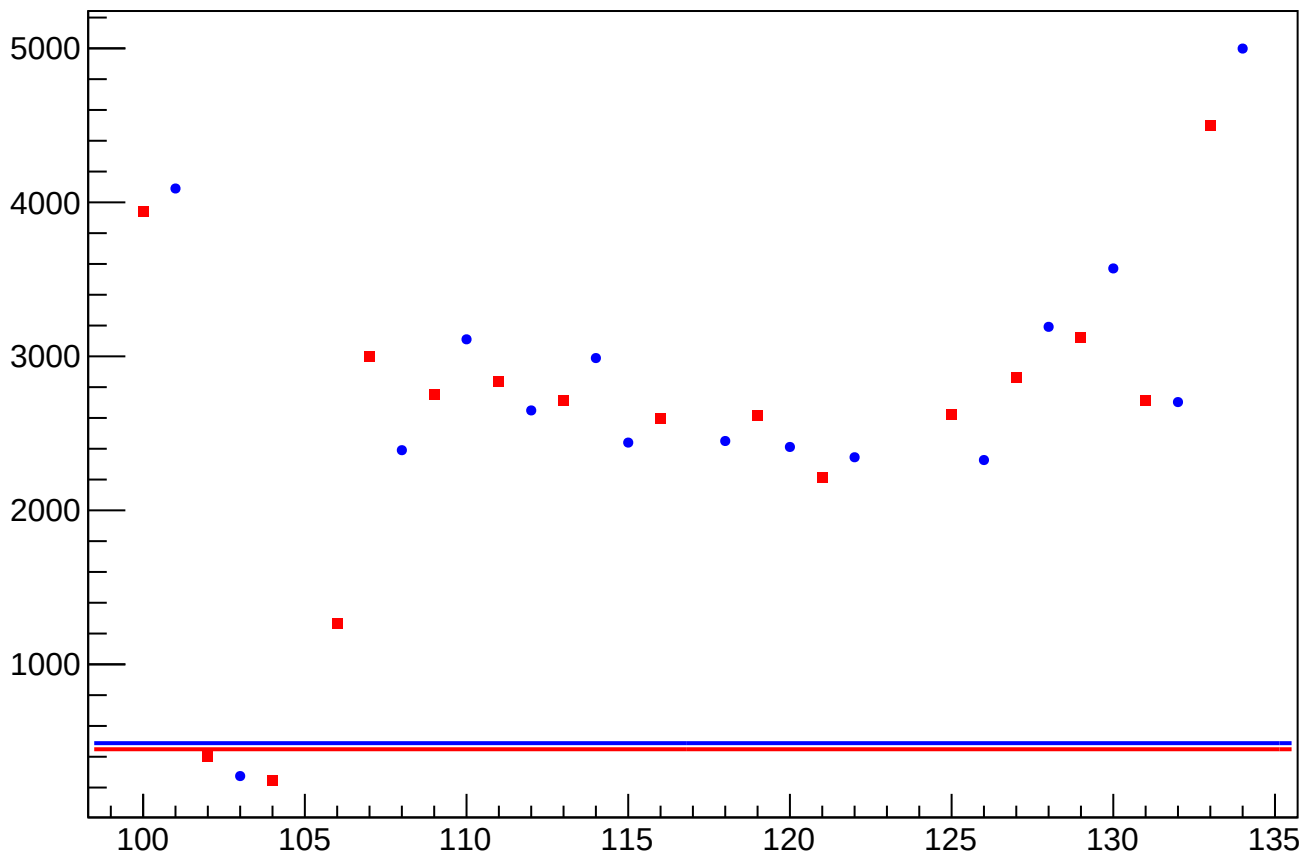
Right: -101.297 ± 234.438 χ^2/NDF : 25.5/30

In: -32.835 ± 346.341 χ^2/NDF : 12.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -101.297 ± 234.438 χ^2/NDF : 25.5/30

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 488.173+/-0.245 χ^2/NDF : 8573341.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 448.693+/-0.225 χ^2/NDF : 8067228.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

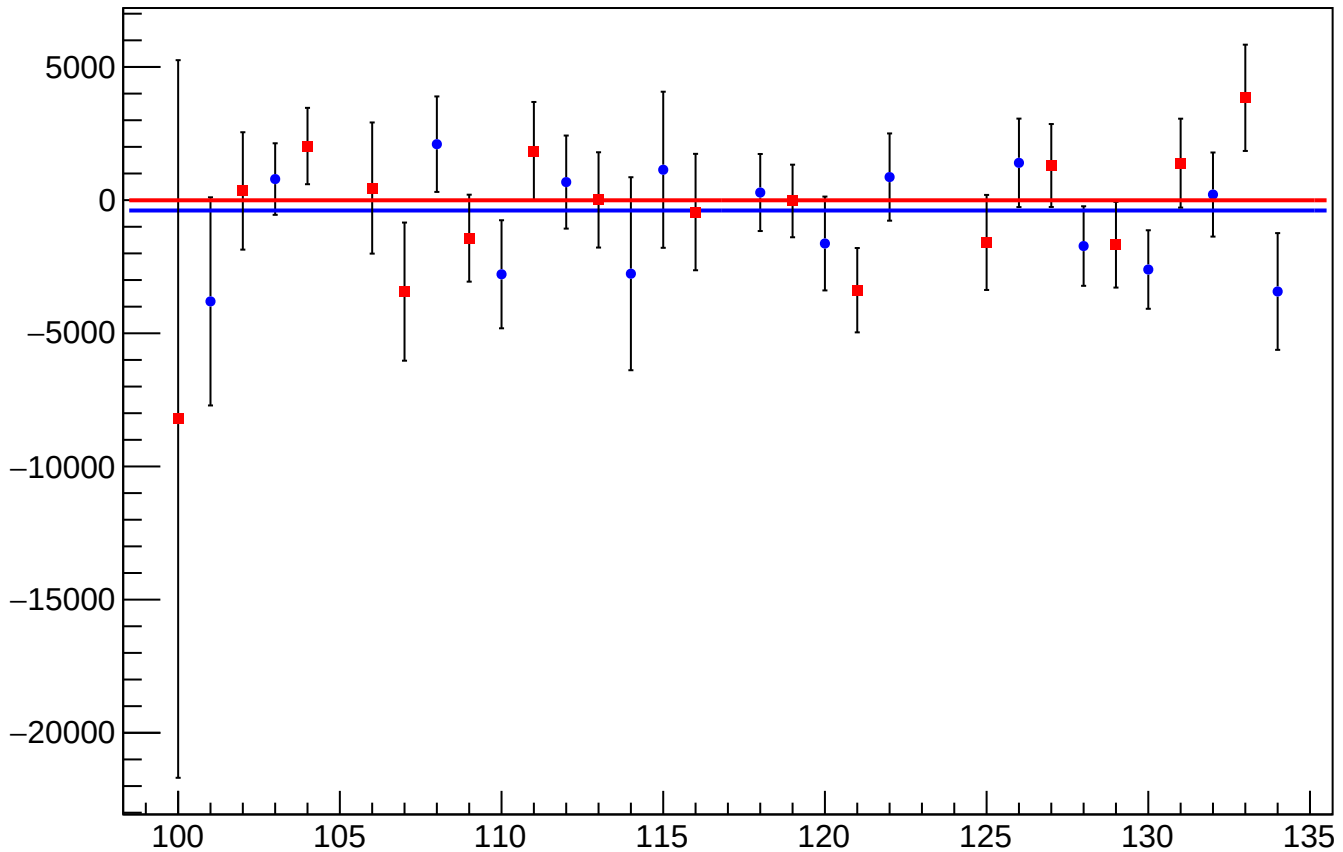
Right: 466.783+/-0.166 χ^2/NDF : 16654651.5/30

In: 488.173+/-0.245 χ^2/NDF :8573341.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 466.783+/-0.166 χ^2/NDF : 16654651.5/30

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -389.338+/-458.959 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.020+/-453.628 χ^2/NDF : 17.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

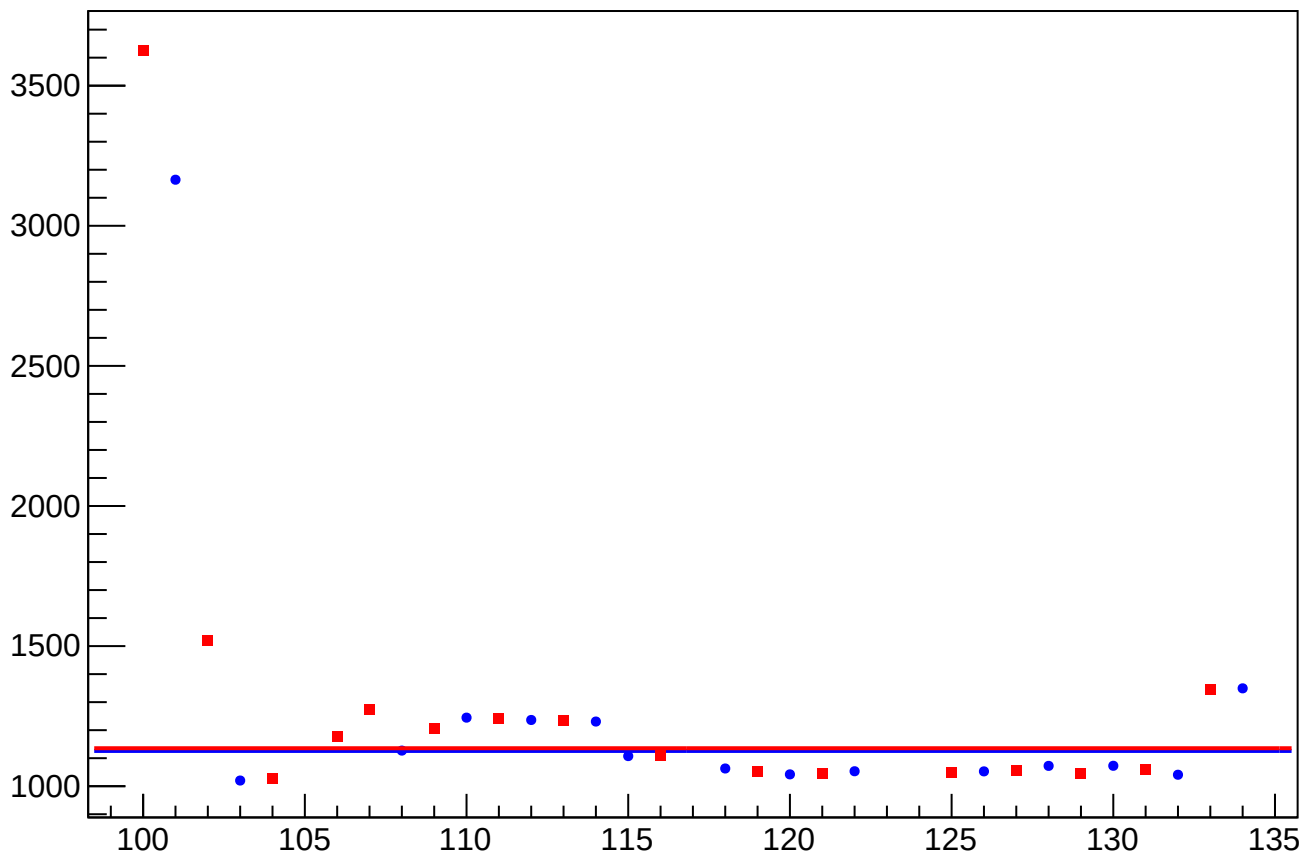
Right: -195.440+/-322.632 χ^2/NDF : 31.4/30

In: -389.338+/-458.959 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.440+/-322.632 χ^2/NDF : 31.4/30

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1125.894+/-0.325 χ^2/NDF : 621058.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.524+/-0.321 χ^2/NDF : 219906.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

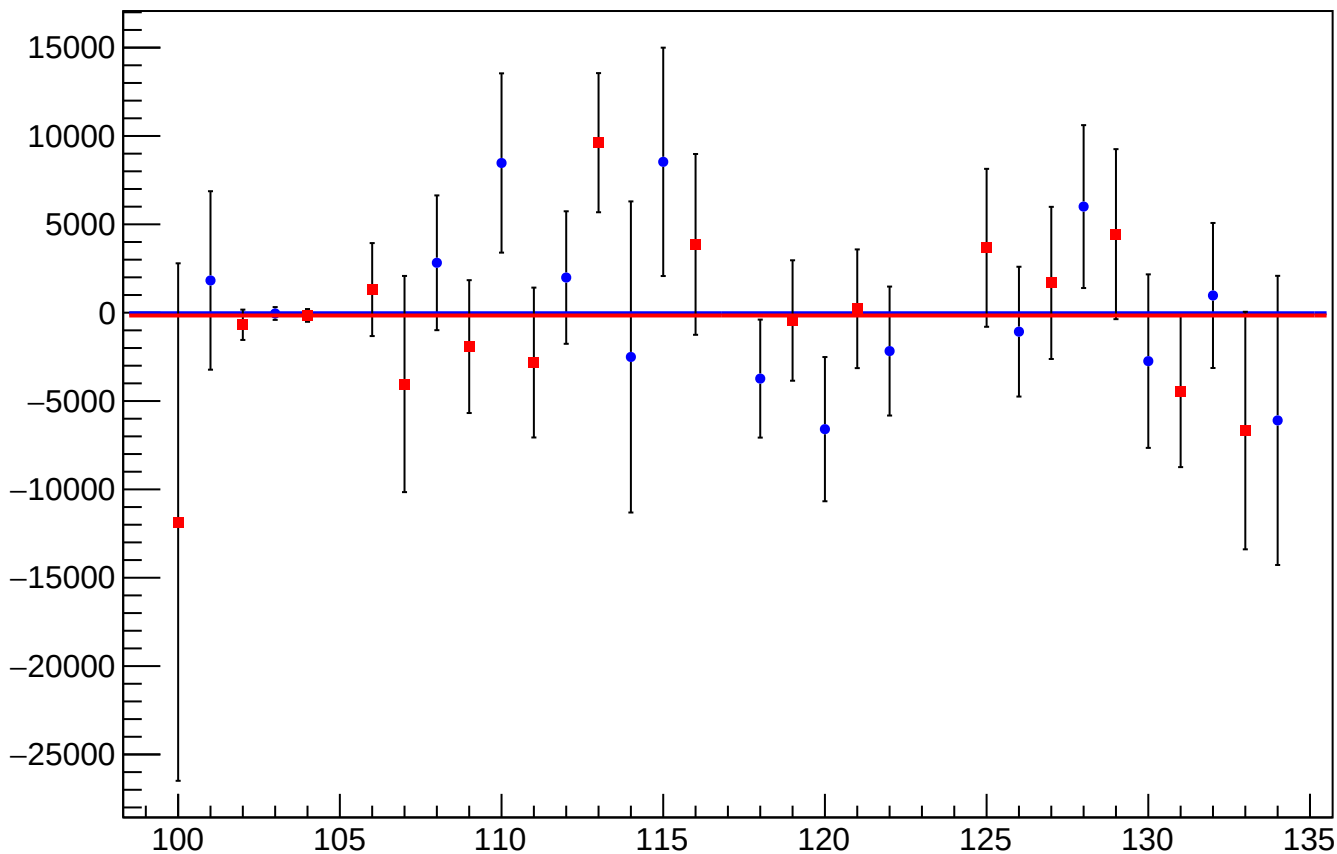
Right: 1130.768+/-0.228 χ^2/NDF : 841410.6/30

In: 1125.894+/-0.325 χ^2/NDF : 621058.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.768+/-0.228 χ^2/NDF : 841410.6/30

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -32.835 ± 346.341 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -159.193 ± 318.497 χ^2/NDF : 12.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

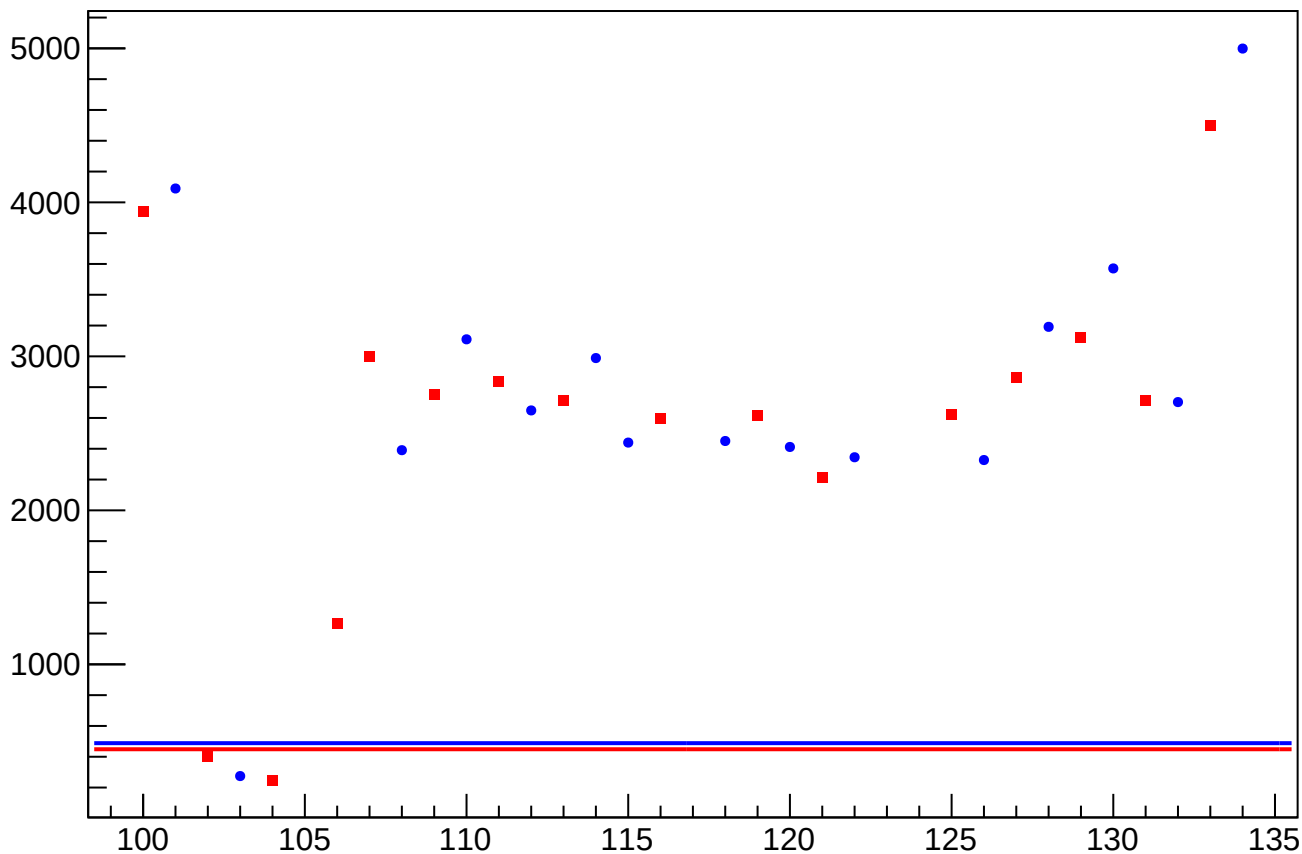
Right: -101.297 ± 234.438 χ^2/NDF : 25.5/30

In: -32.835 ± 346.341 χ^2/NDF : 12.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -101.297 ± 234.438 χ^2/NDF : 25.5/30

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 488.173+/-0.245 χ^2/NDF : 8573341.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 448.693+/-0.225 χ^2/NDF : 8067228.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

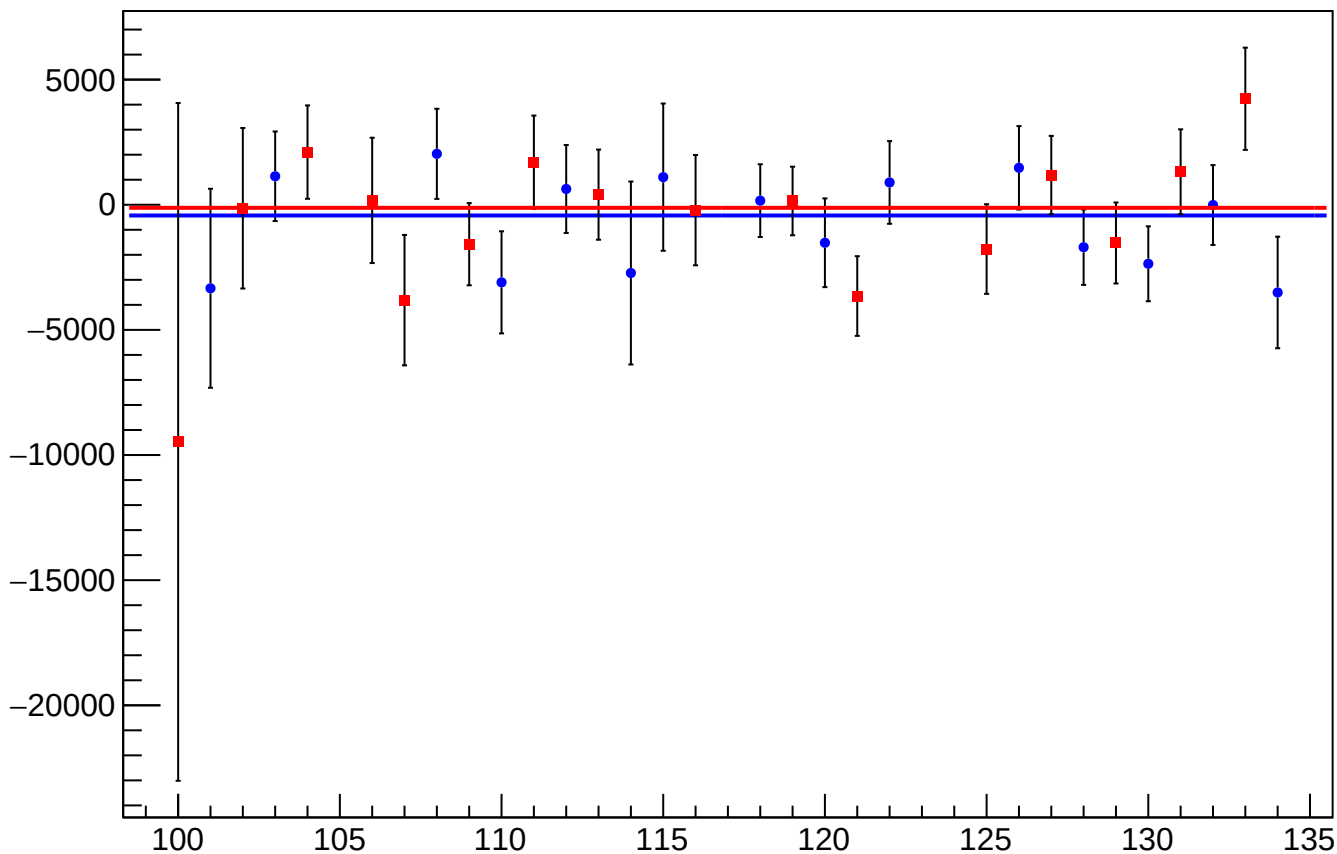
Right: 466.783+/-0.166 χ^2/NDF : 16654651.5/30

In: 488.173+/-0.245 χ^2/NDF :8573341.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 466.783+/-0.166 χ^2/NDF : 16654651.5/30

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -428.723 ± 474.743 χ^2/NDF : 12.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -121.369 ± 472.132 χ^2/NDF : 18.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

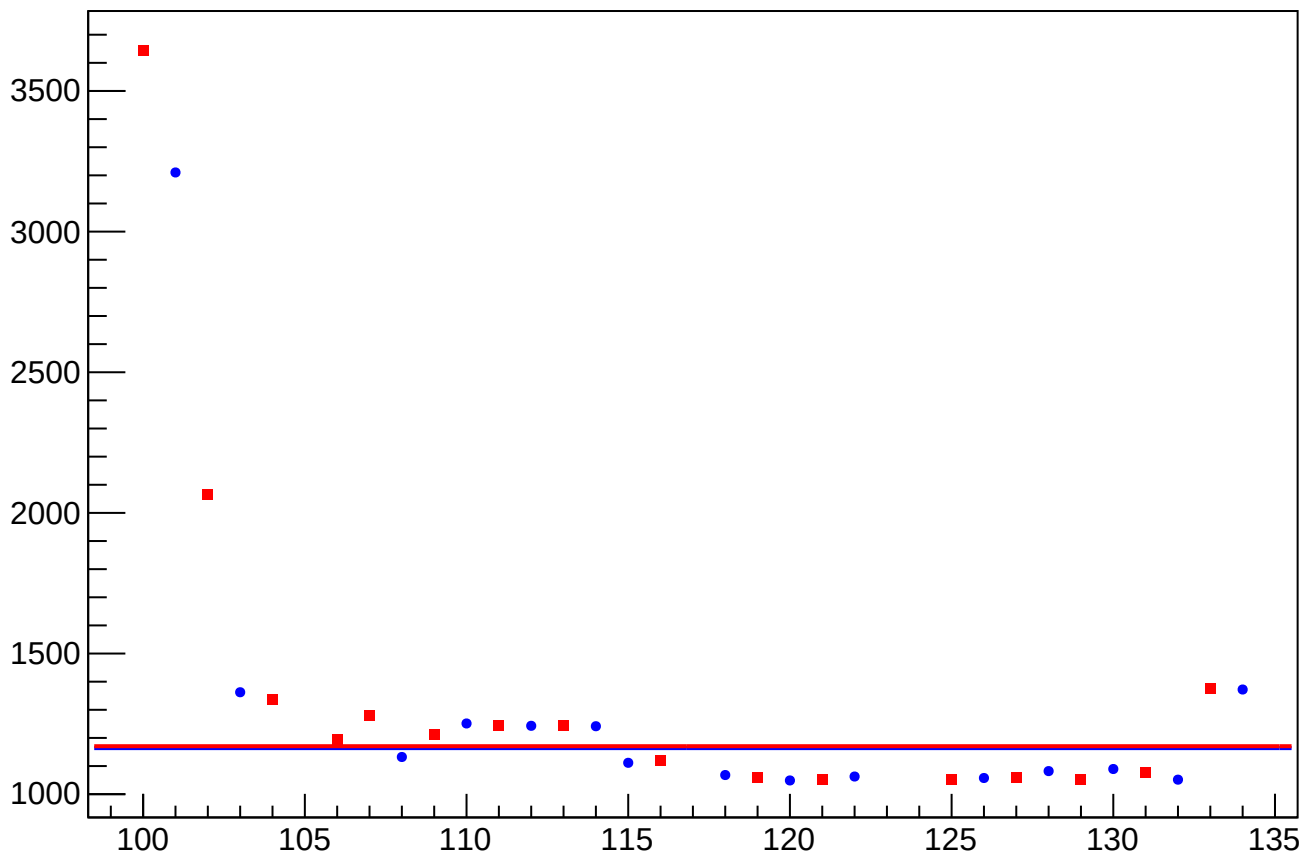
Right: -274.198 ± 334.767 χ^2/NDF : 31.2/30

In: -428.723 ± 474.743 χ^2/NDF : 12.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -274.198 ± 334.767 χ^2/NDF : 31.2/30

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1163.784+/-0.336 χ^2/NDF : 635294.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1170.597+/-0.334 χ^2/NDF : 331492.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

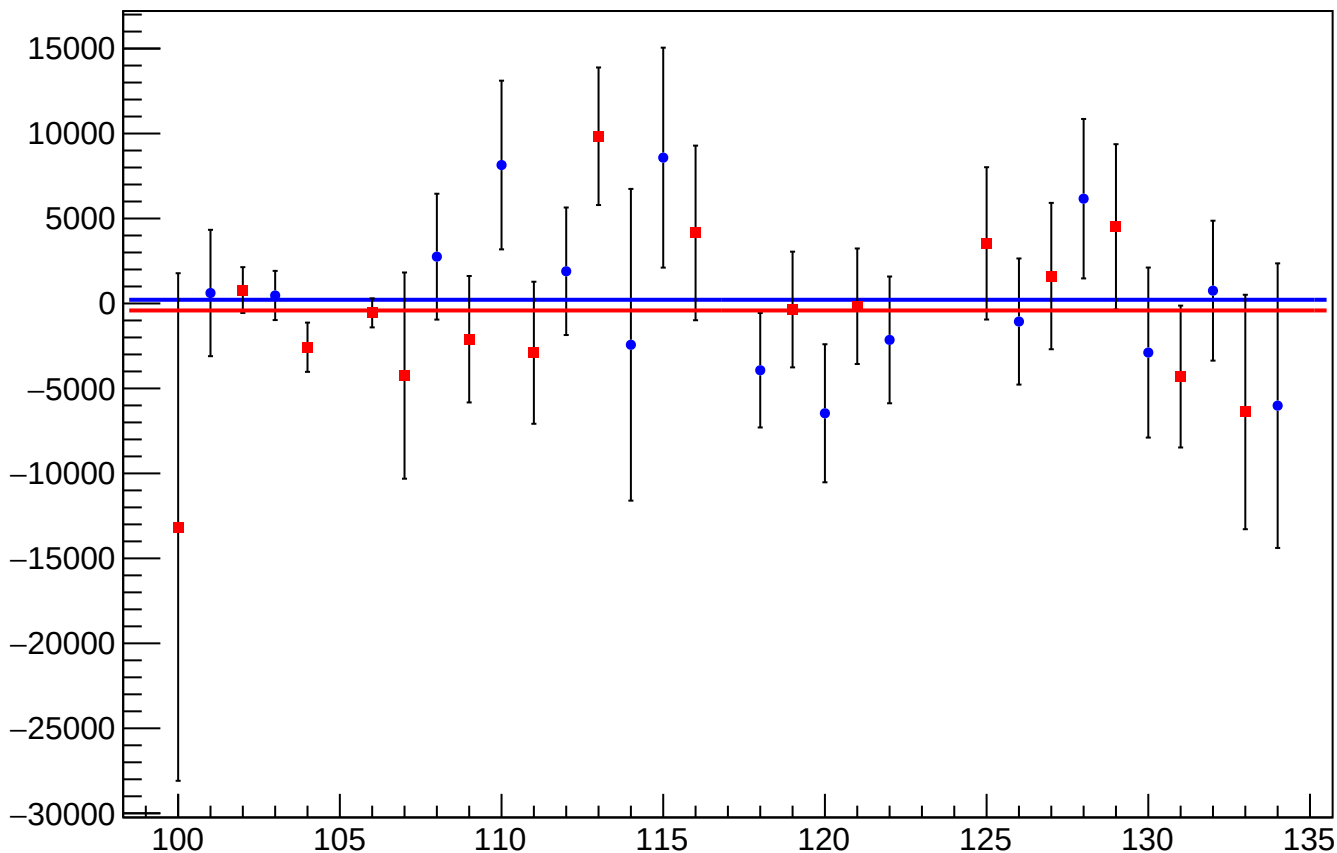
Right: 1167.211+/-0.237 χ^2/NDF : 966993.8/30

In: 1163.784+/-0.336 χ^2/NDF : 635294.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.211+/-0.237 χ^2/NDF : 966993.8/30

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 216.881 $\pm$ 904.661 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -411.944 $\pm$ 572.022 χ^2 /NDF: 15.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

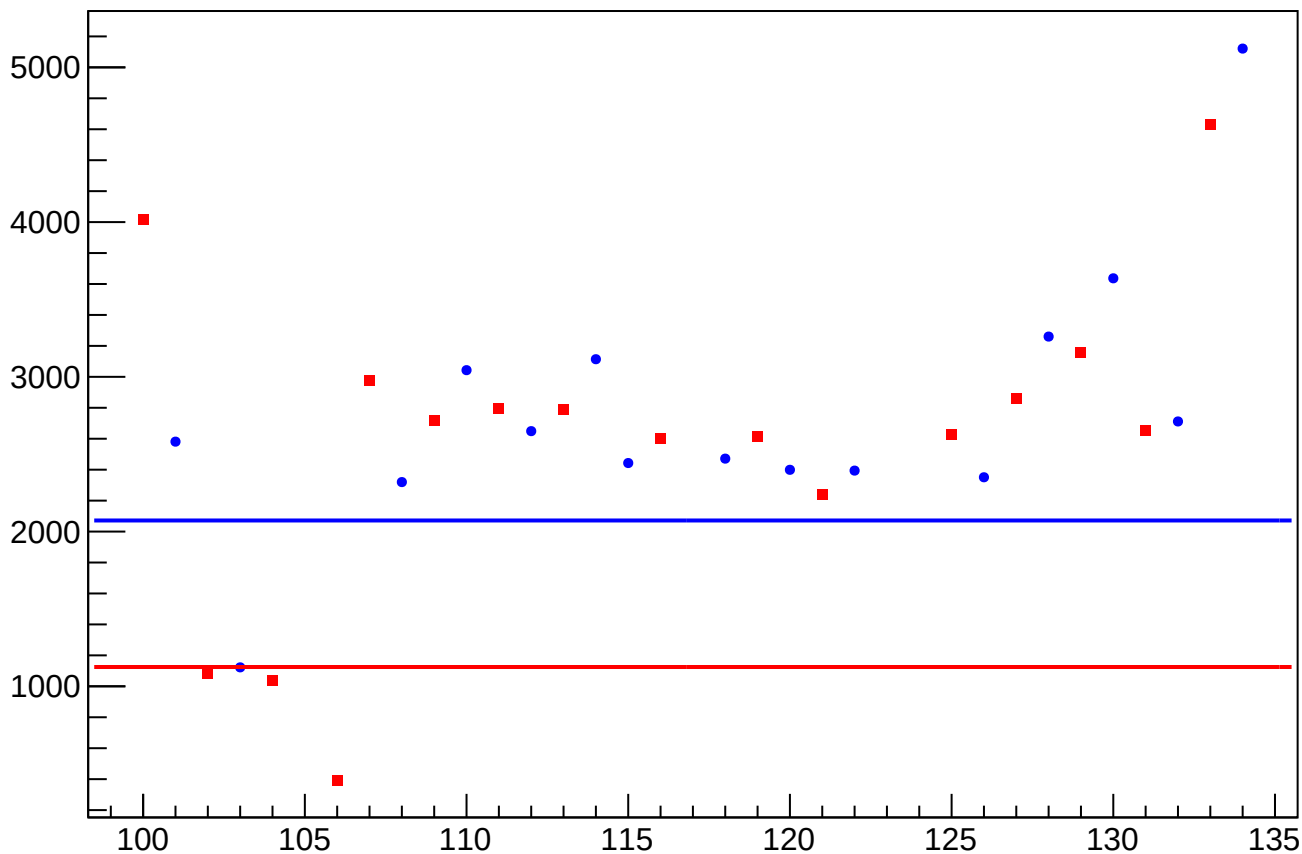
Right: -232.341 $\pm$ 483.479 χ^2 /NDF: 28.3/30

In: 216.881 $\pm$ 904.661 χ^2 /NDF:12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -232.341 $\pm$ 483.479 χ^2 /NDF: 28.3/30

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2071.704+/-0.640 χ^2/NDF : 1768072.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.784+/-0.404 χ^2/NDF : 5218324.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

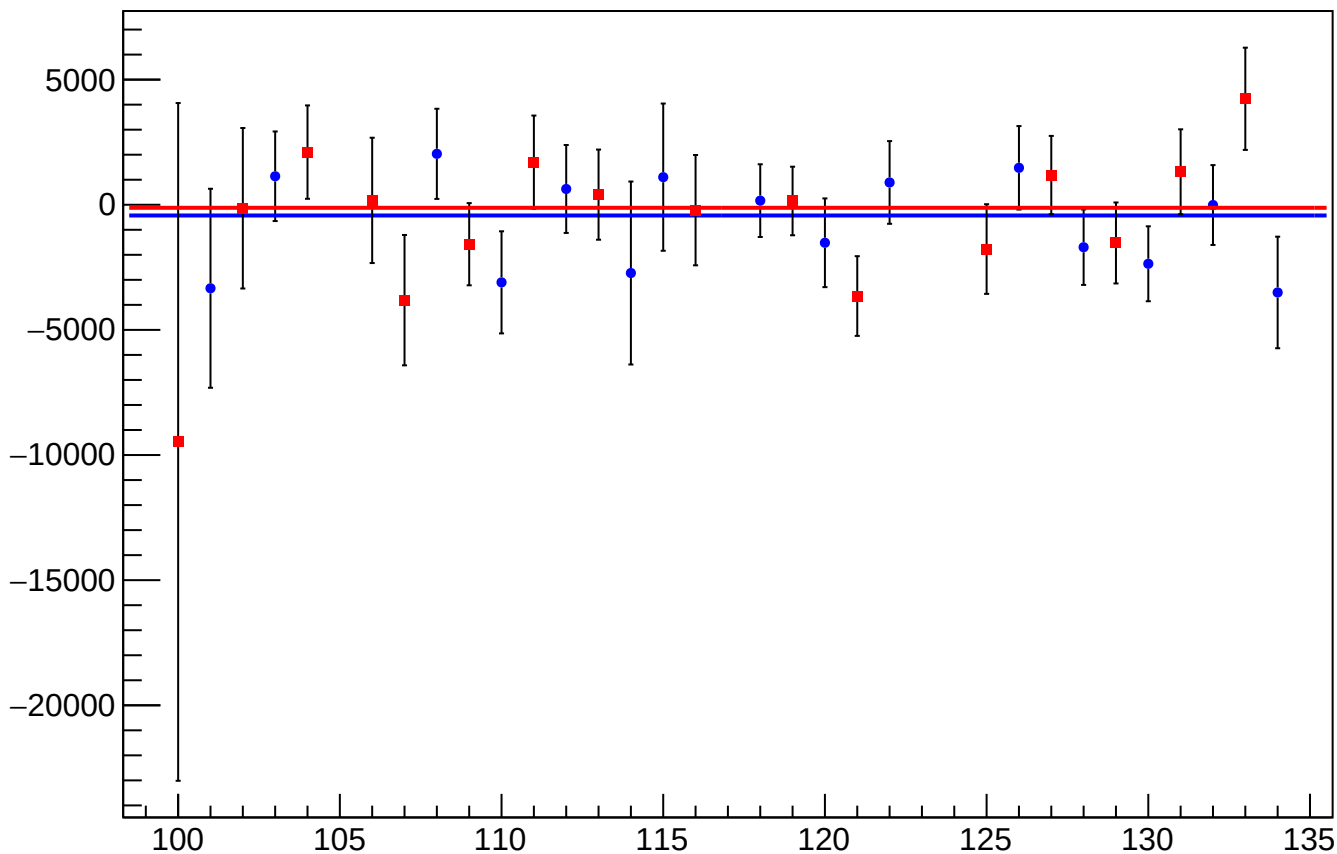
Right: 1395.241+/-0.342 χ^2/NDF : 8551762.3/30

In: 2071.704+/-0.640 χ^2/NDF : 1768072.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.241+/-0.342 χ^2/NDF : 8551762.3/30

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -428.722 ± 474.743 χ^2/NDF : 12.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -121.372 ± 472.132 χ^2/NDF : 18.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

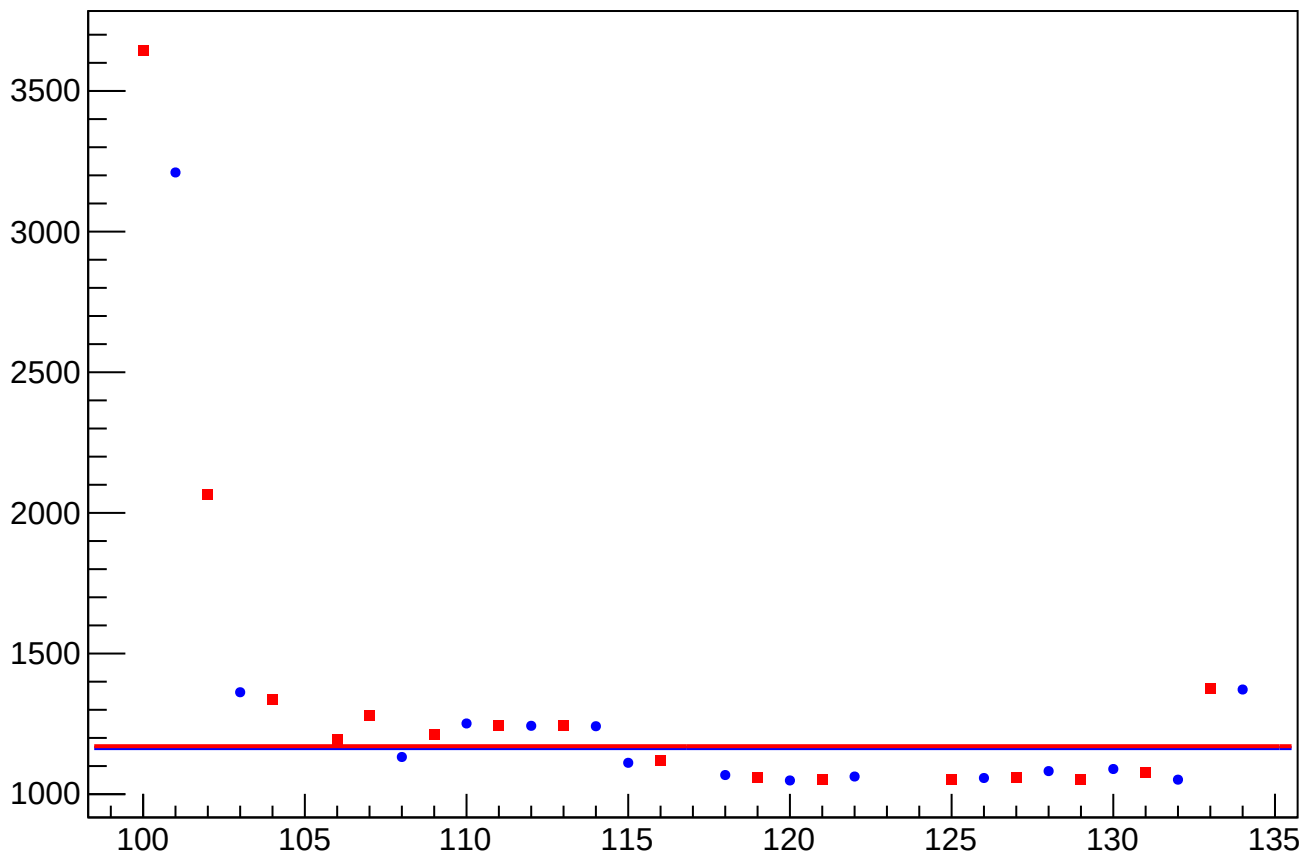
Right: -274.200 ± 334.767 χ^2/NDF : 31.2/30

In: -428.722 ± 474.743 χ^2/NDF : 12.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -274.200 ± 334.767 χ^2/NDF : 31.2/30

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1163.784+/-0.336 χ^2/NDF : 635294.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1170.597+/-0.334 χ^2/NDF : 331492.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

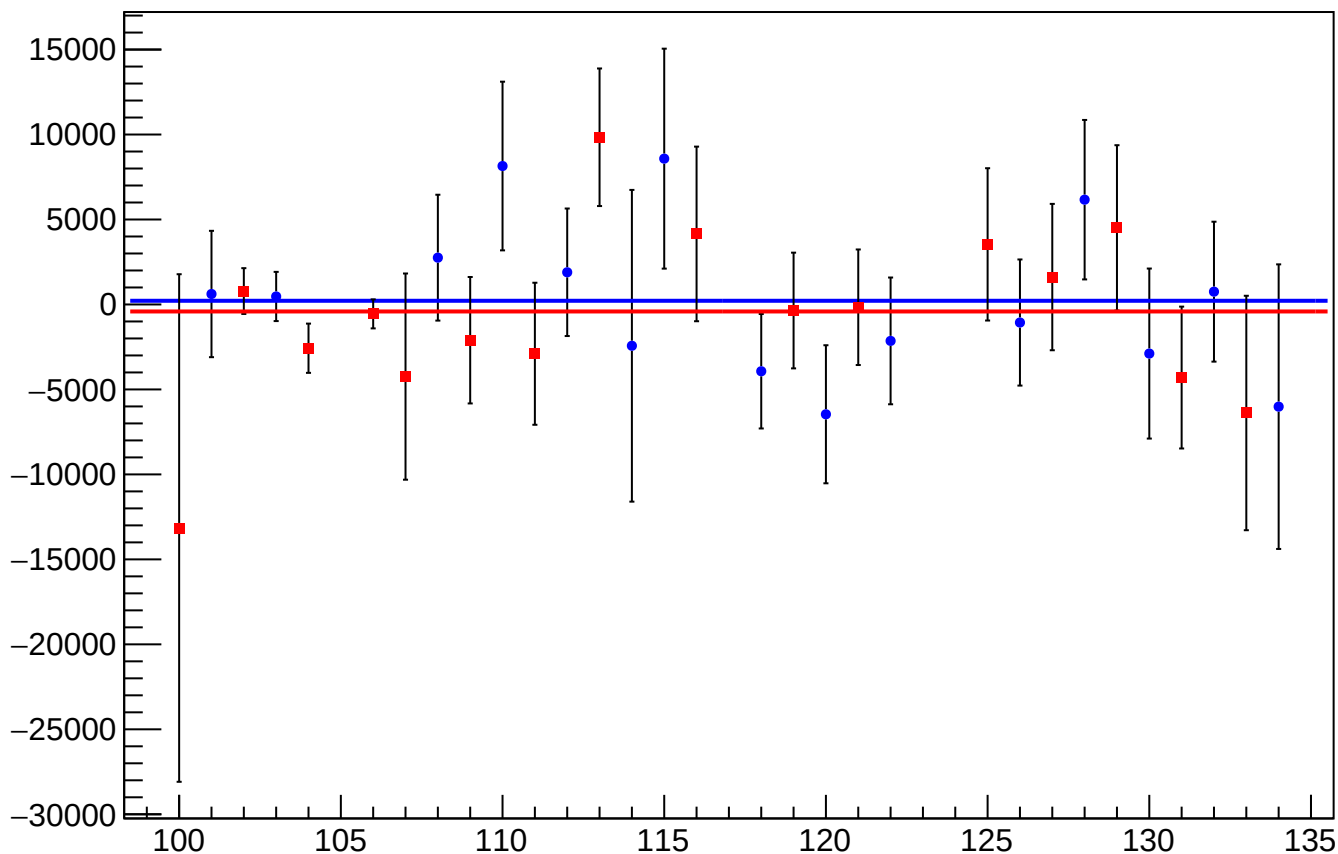
Right: 1167.211+/-0.237 χ^2/NDF : 966993.6/30

In: 1163.784+/-0.336 χ^2/NDF : 635294.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.211+/-0.237 χ^2/NDF : 966993.6/30

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 216.878+/-904.659 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -411.945+/-572.015 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

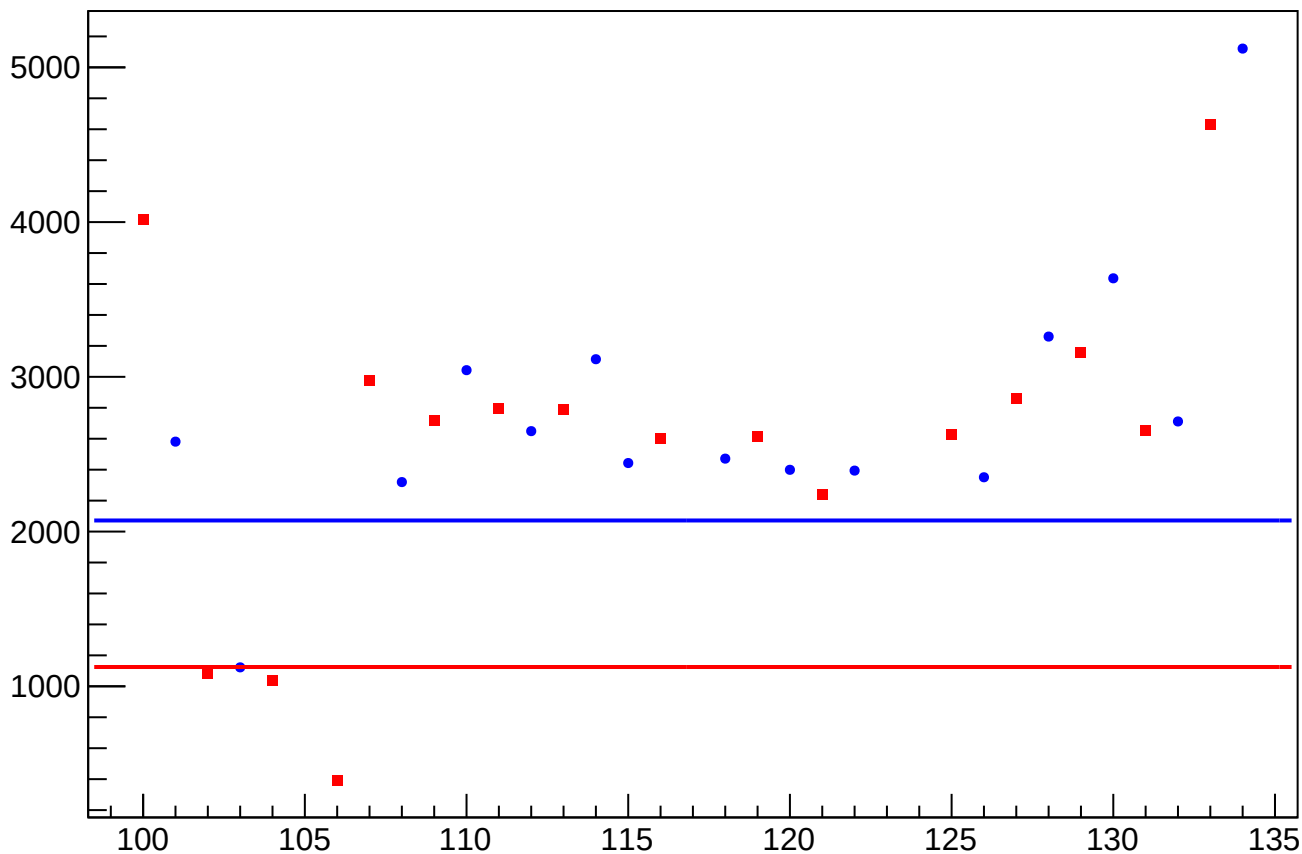
Right: -232.345+/-483.475 χ^2/NDF : 28.3/30

In: 216.878+/-904.659 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.345+/-483.475 χ^2/NDF : 28.3/30

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2071.701+/-0.640 χ^2/NDF : 1768064.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.762+/-0.404 χ^2/NDF : 5218436.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

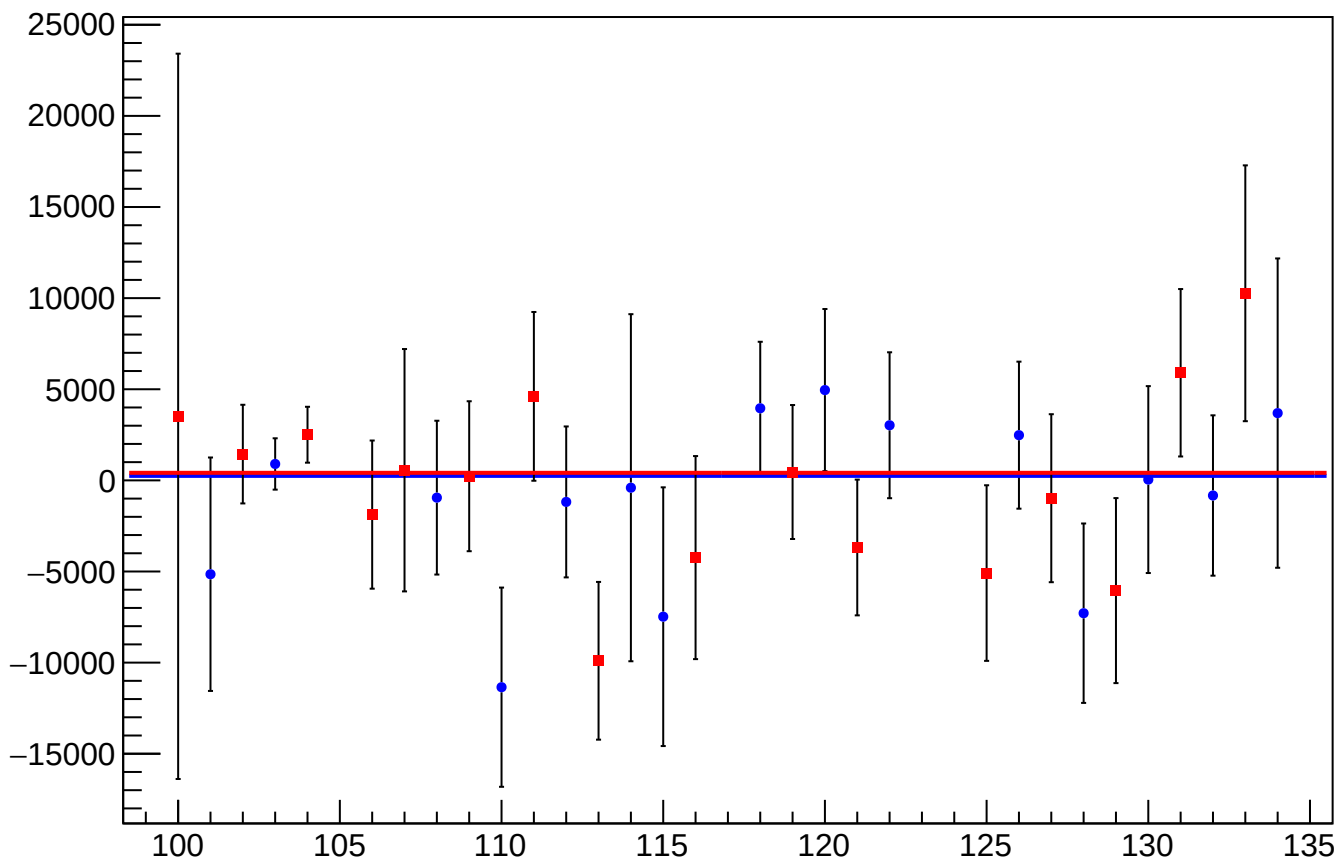
Right: 1395.220+/-0.342 χ^2/NDF : 8551945.9/30

In: 2071.701+/-0.640 χ^2/NDF : 1768064.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.220+/-0.342 χ^2/NDF : 8551945.9/30

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 246.956+/-952.760 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.612+/-919.982 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

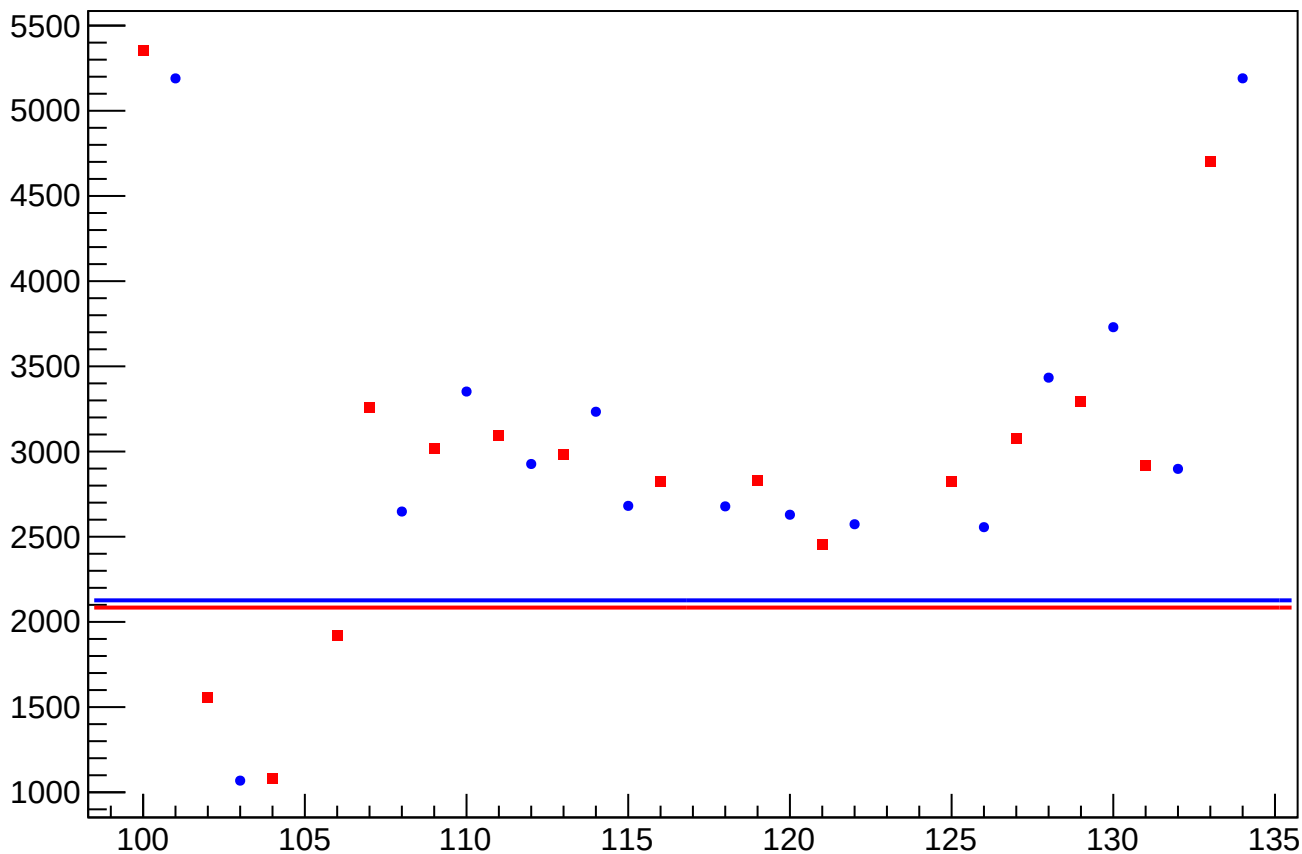
Right: 333.718+/-661.810 χ^2/NDF : 29.5/30

In: 246.956+/-952.760 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.718+/-661.810 χ^2/NDF : 29.5/30

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2126.604+/-0.674 χ^2/NDF : 2608634.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2084.157+/-0.649 χ^2/NDF : 2068804.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

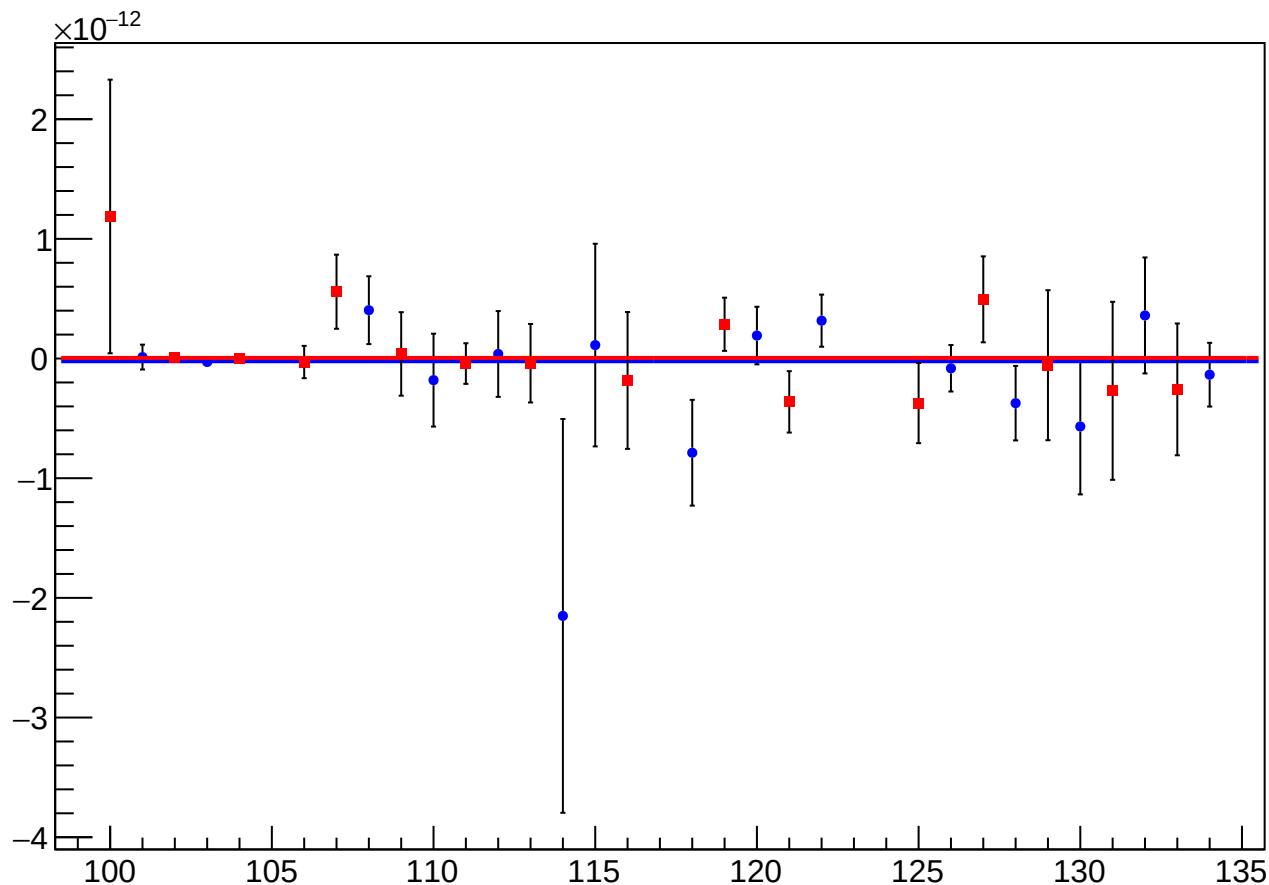
Right: 2104.584+/-0.467 χ^2/NDF : 4679498.8/30

In: 2126.604+/-0.674 χ^2/NDF :2608634.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2104.584+/-0.467 χ^2/NDF : 4679498.8/30

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

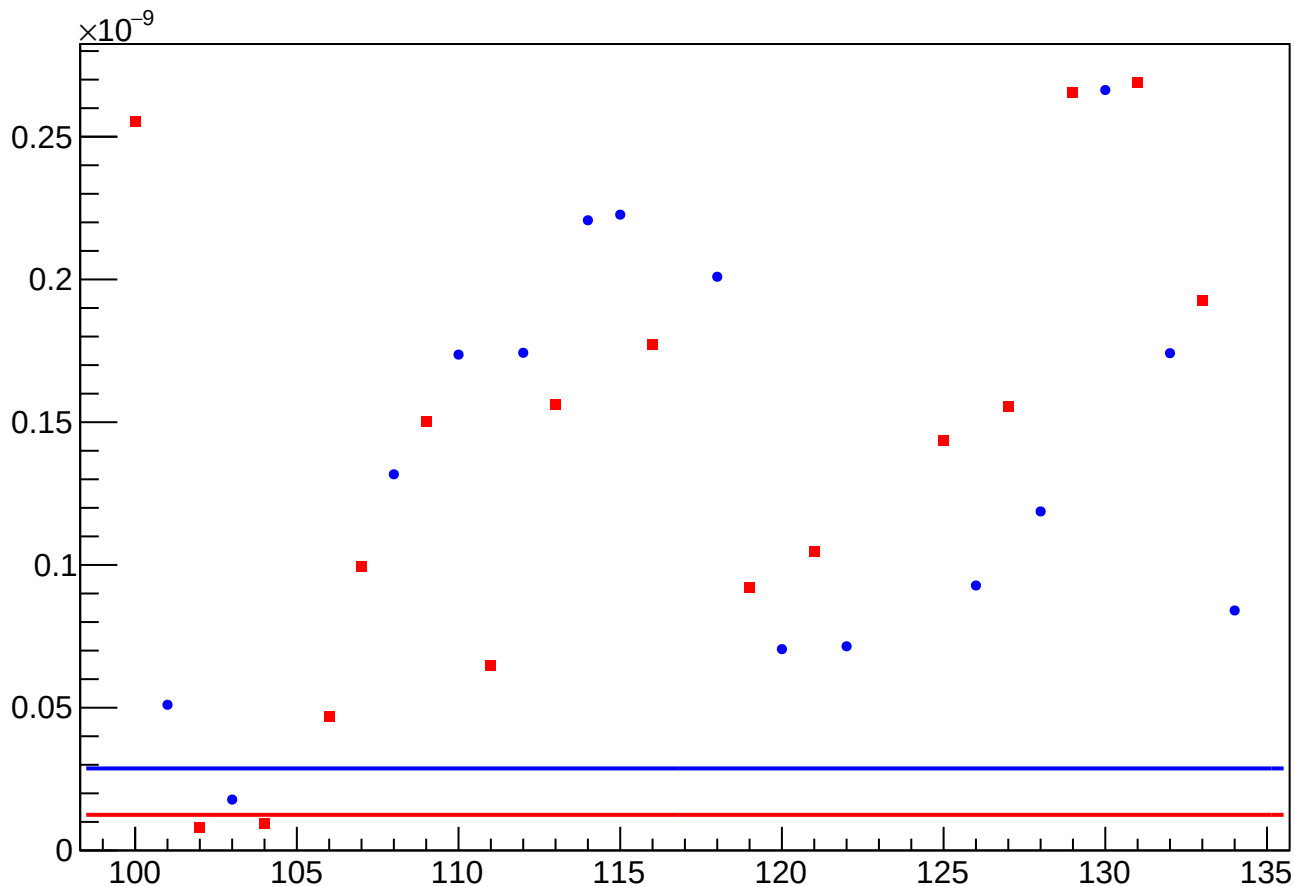
Right: -0.000+/-0.000 χ^2/NDF : 26.2/30

In: -0.000+/-0.000 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.2/30

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2825583.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3453788.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

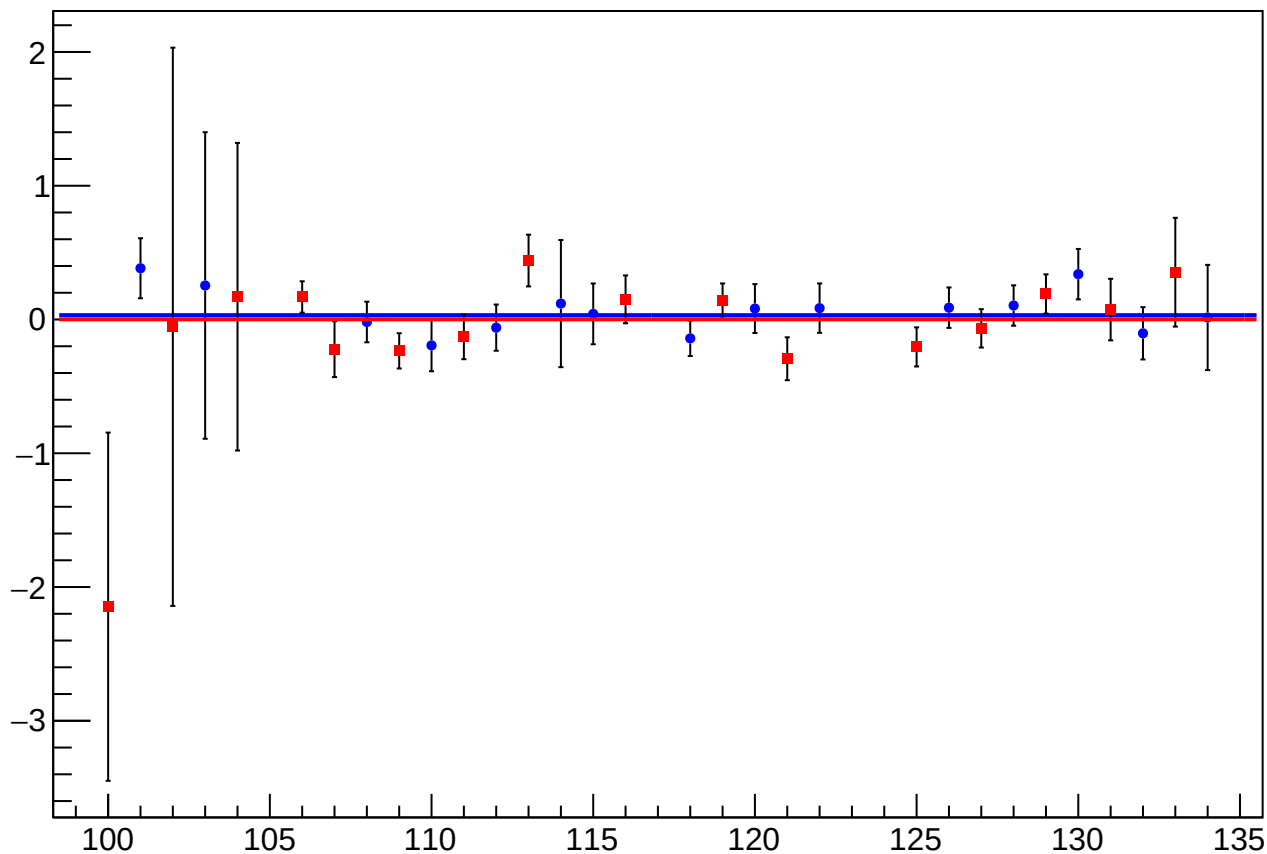
Right: 0.000+/-0.000 χ^2/NDF : 6847349.7/30

In: 0.000+/-0.000 χ^2/NDF : 2825583.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6847349.7/30

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.044 χ^2/NDF : 24.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

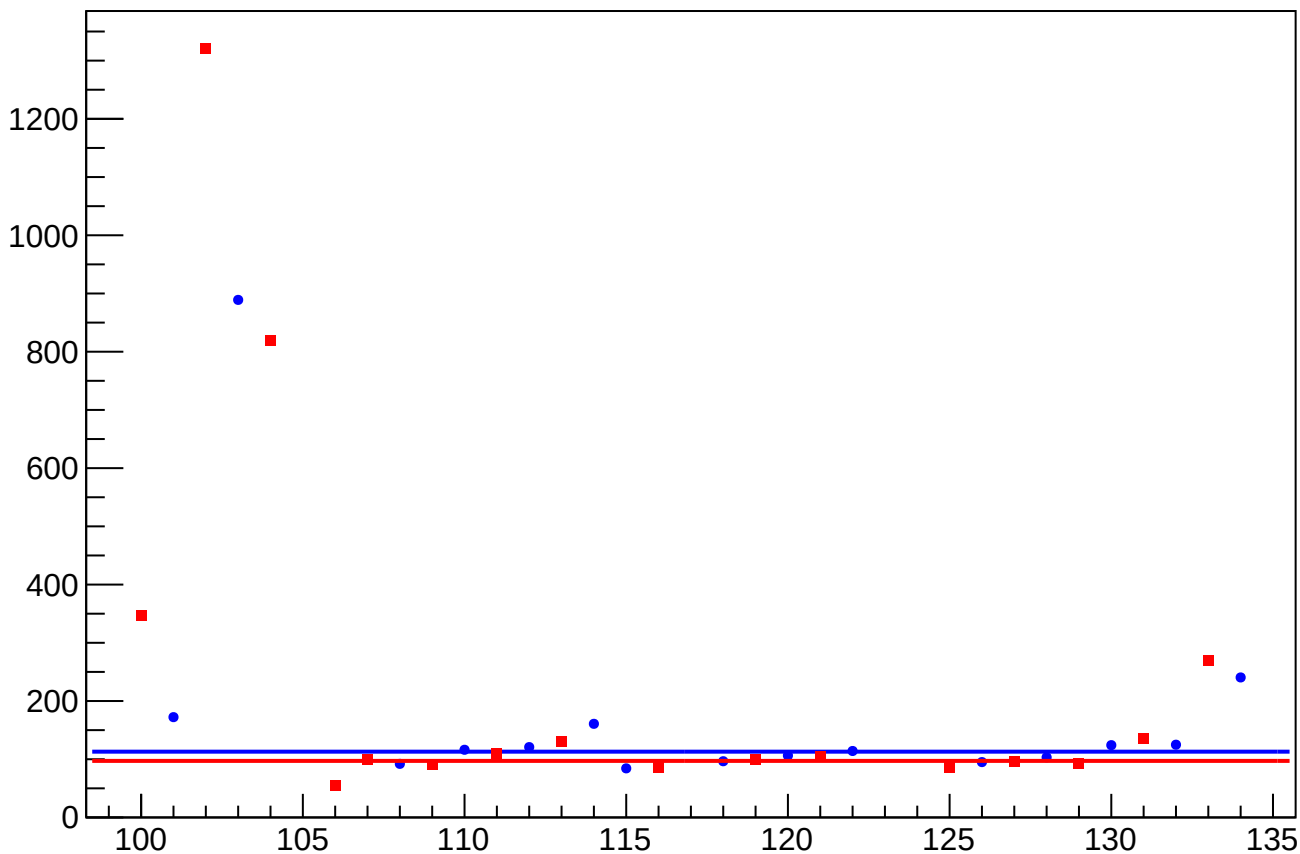
Right: 0.015+/-0.033 χ^2/NDF : 34.7/30

In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 34.7/30

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.007+/-0.035 χ^2/NDF : 1446384.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.151+/-0.031 χ^2/NDF : 2325893.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

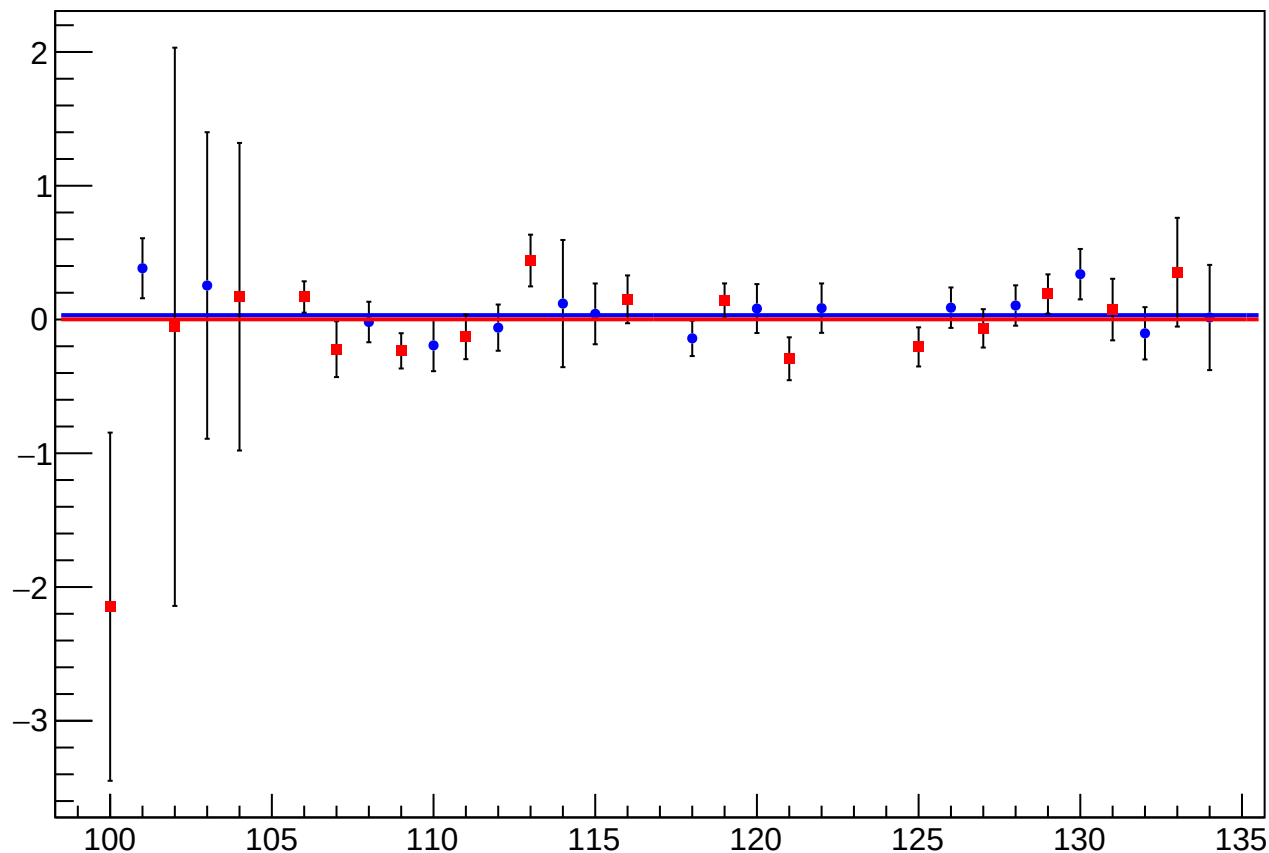
Right: 104.224+/-0.023 χ^2/NDF : 3887305.9/30

In: 113.007+/-0.035 χ^2/NDF :1446384.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 104.224+/-0.023 χ^2/NDF : 3887305.9/30

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.044 χ^2/NDF : 24.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

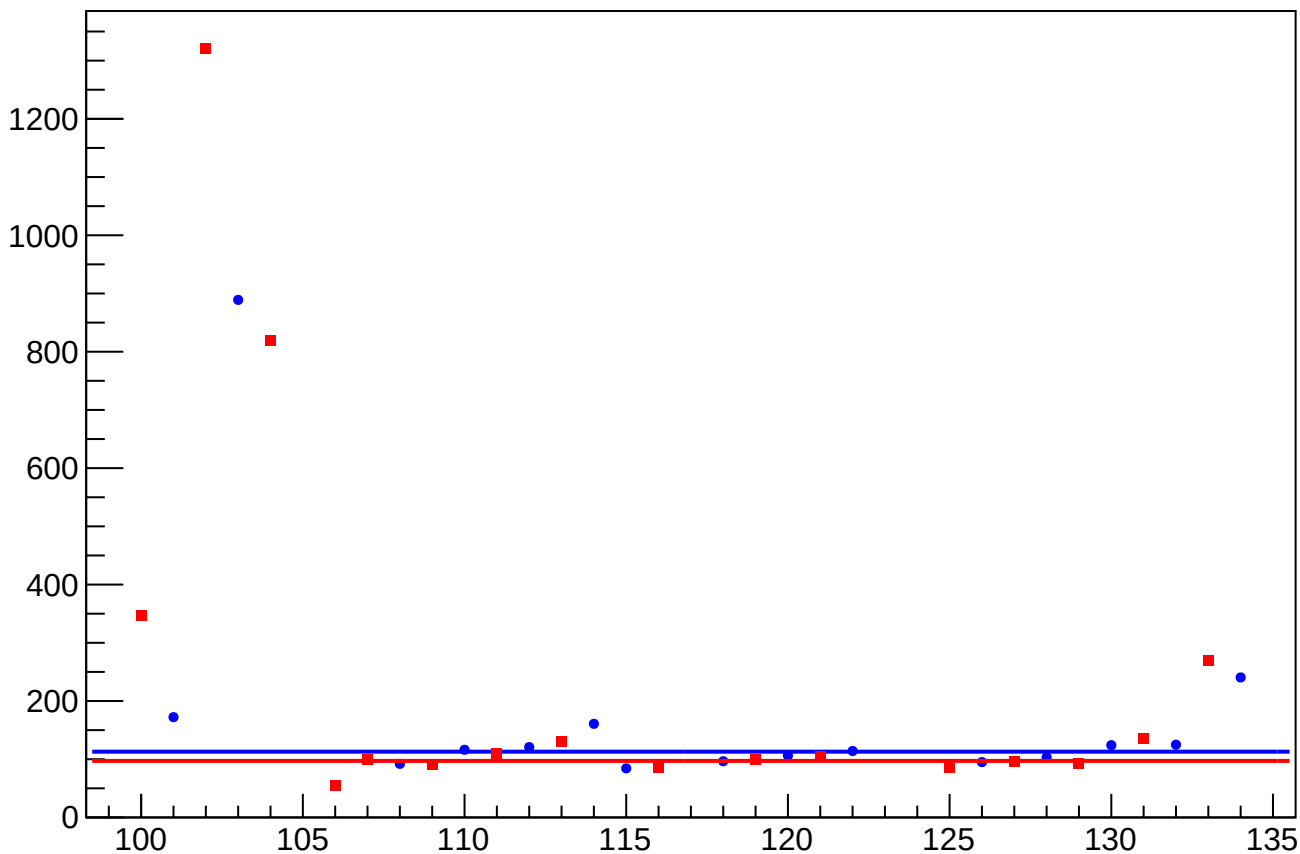
Right: 0.015+/-0.033 χ^2/NDF : 34.7/30

In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 34.7/30

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.007 $\pm$ 0.035 χ^2 /NDF: 1446384.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.151 $\pm$ 0.031 χ^2 /NDF: 2325893.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

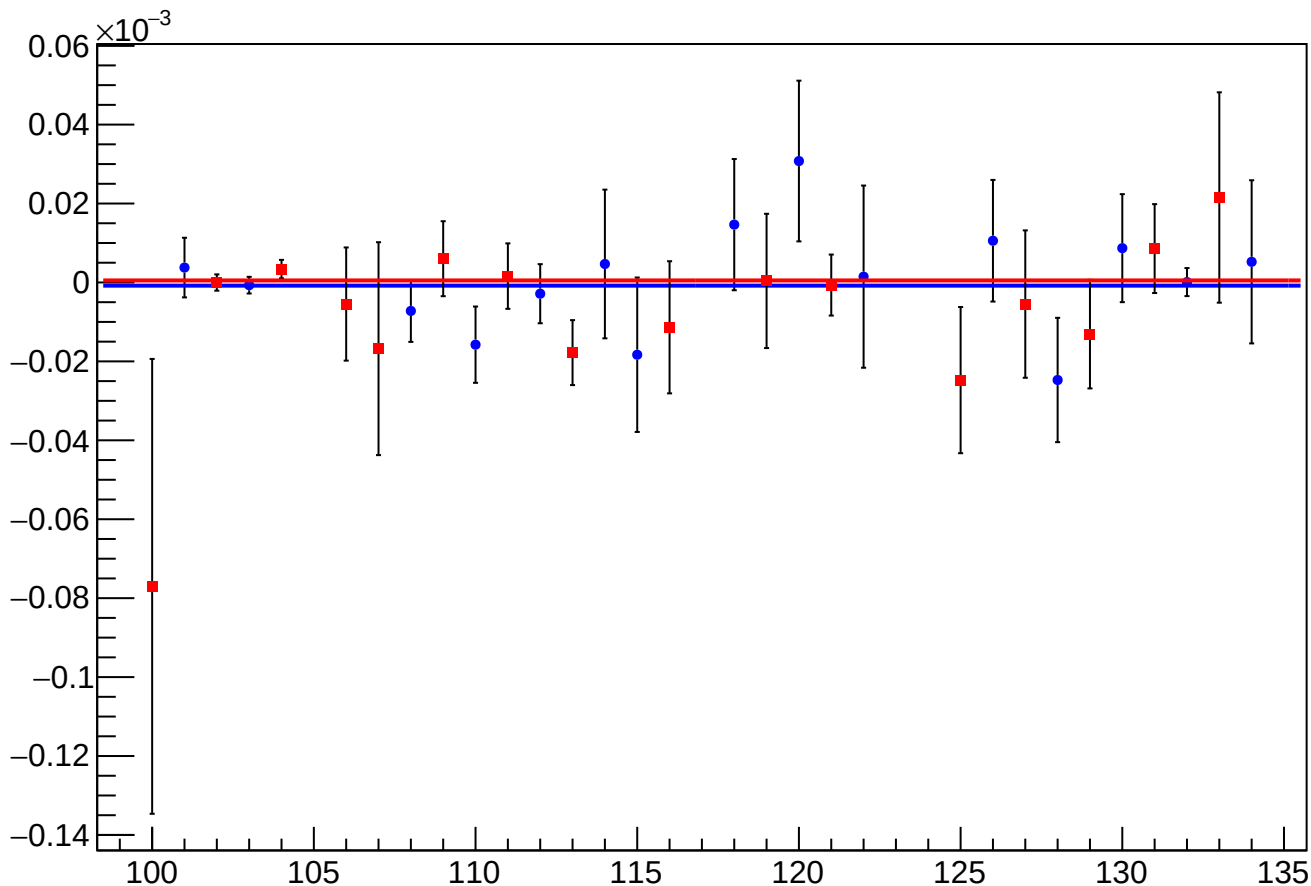
Right: 104.224 $\pm$ 0.023 χ^2 /NDF: 3887305.9/30

In: 113.007 $\pm$ 0.035 χ^2 /NDF:1446384.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.224 $\pm$ 0.023 χ^2 /NDF: 3887305.9/30

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

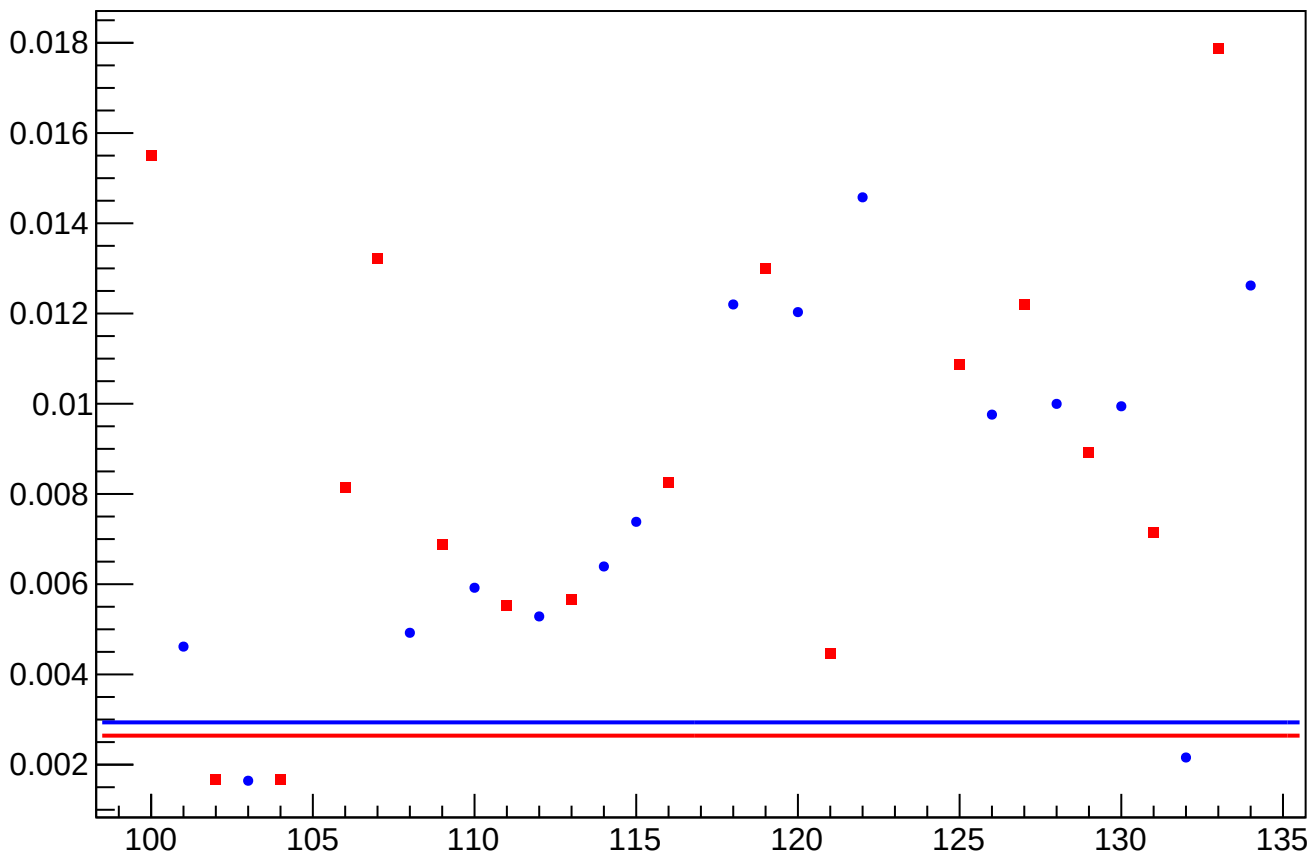
Right: -0.000+/-0.000 χ^2/NDF : 25.4/30

In: -0.000+/-0.000 χ^2/NDF : 11.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.4/30

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 : 4915514.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5788601.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

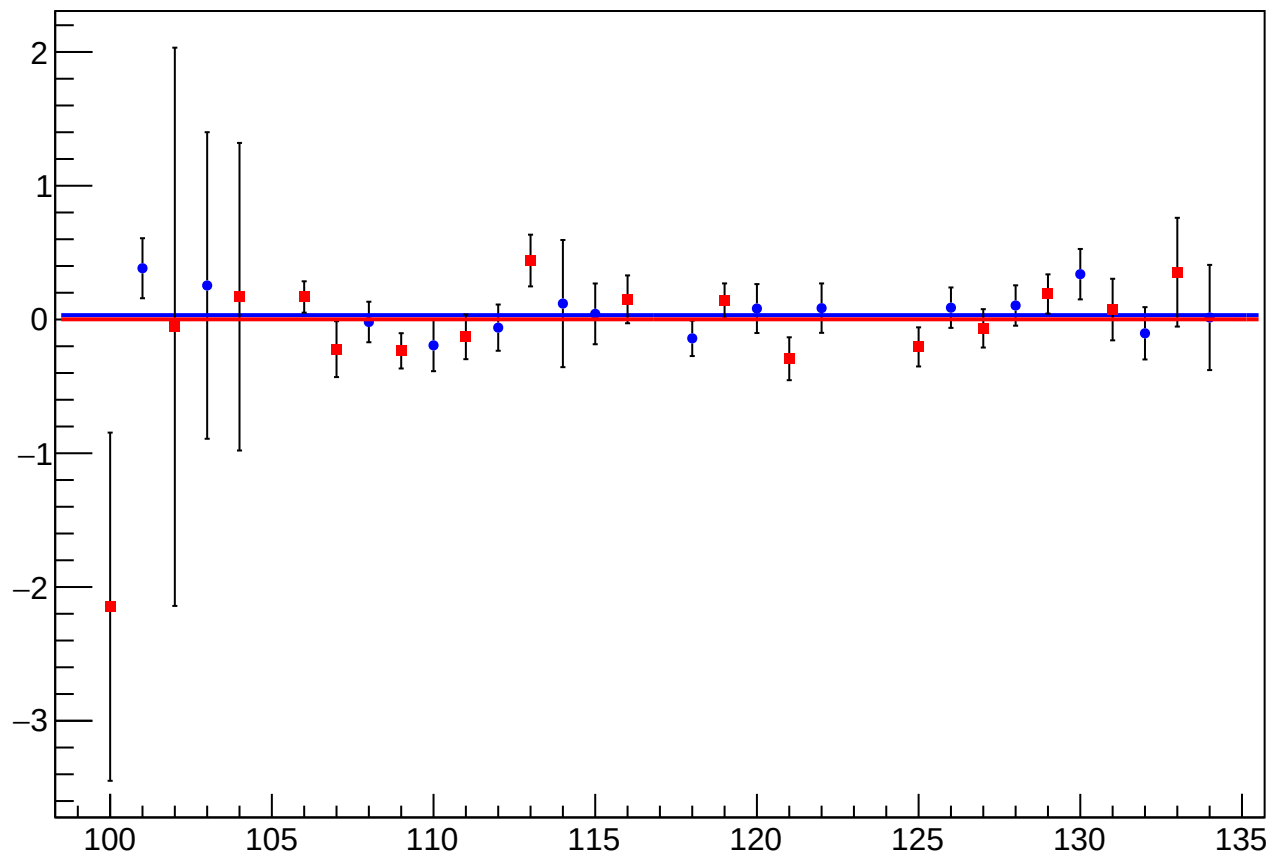
Right: 0.003+/-0.000 χ^2/NDF : 10742596.6/30

In: 0.003+/-0.000 χ^2/NDF :4915514.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10742596.6/30

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.044 χ^2/NDF : 24.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

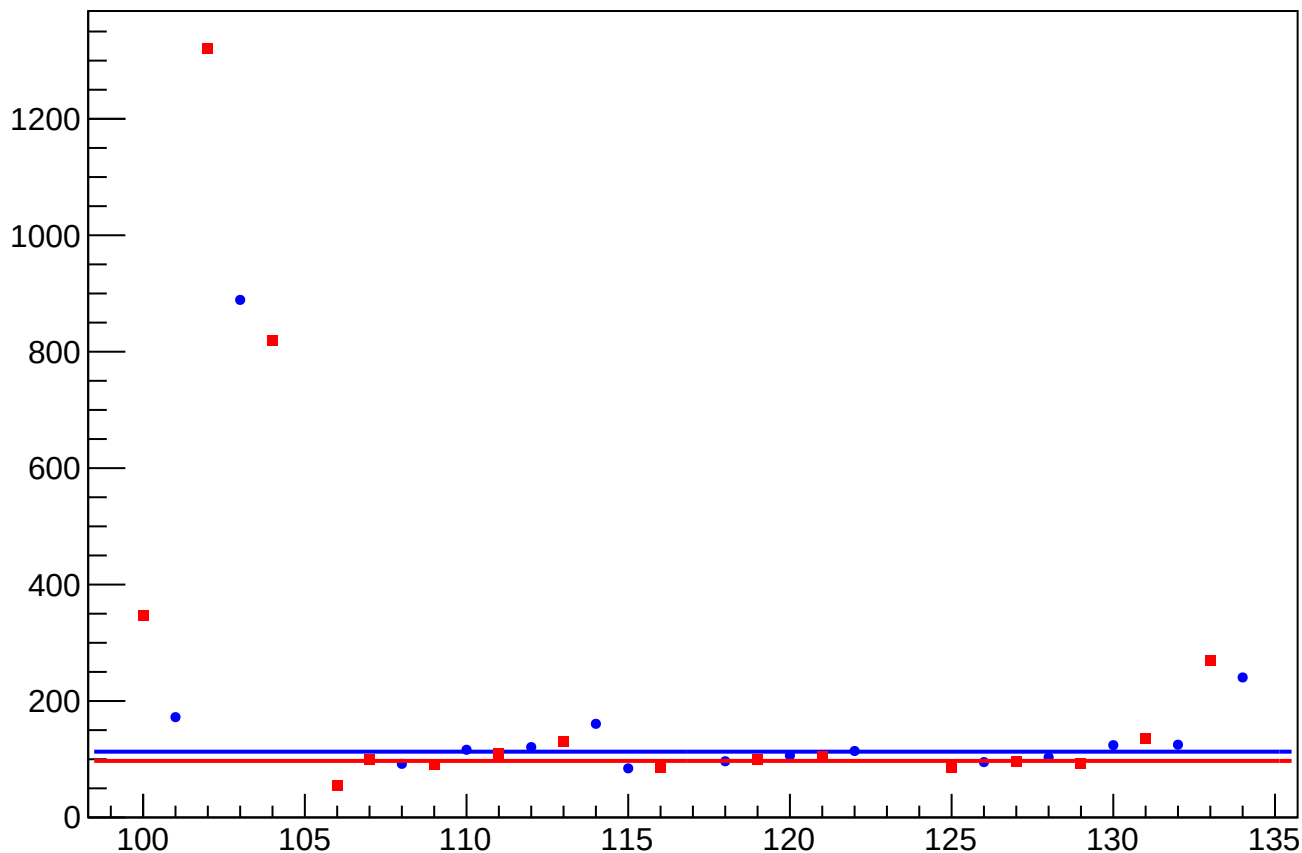
Right: 0.015+/-0.033 χ^2/NDF : 34.7/30

In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 34.7/30

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.007+/-0.035 χ^2/NDF : 1446374.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.150+/-0.031 χ^2/NDF : 2325952.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

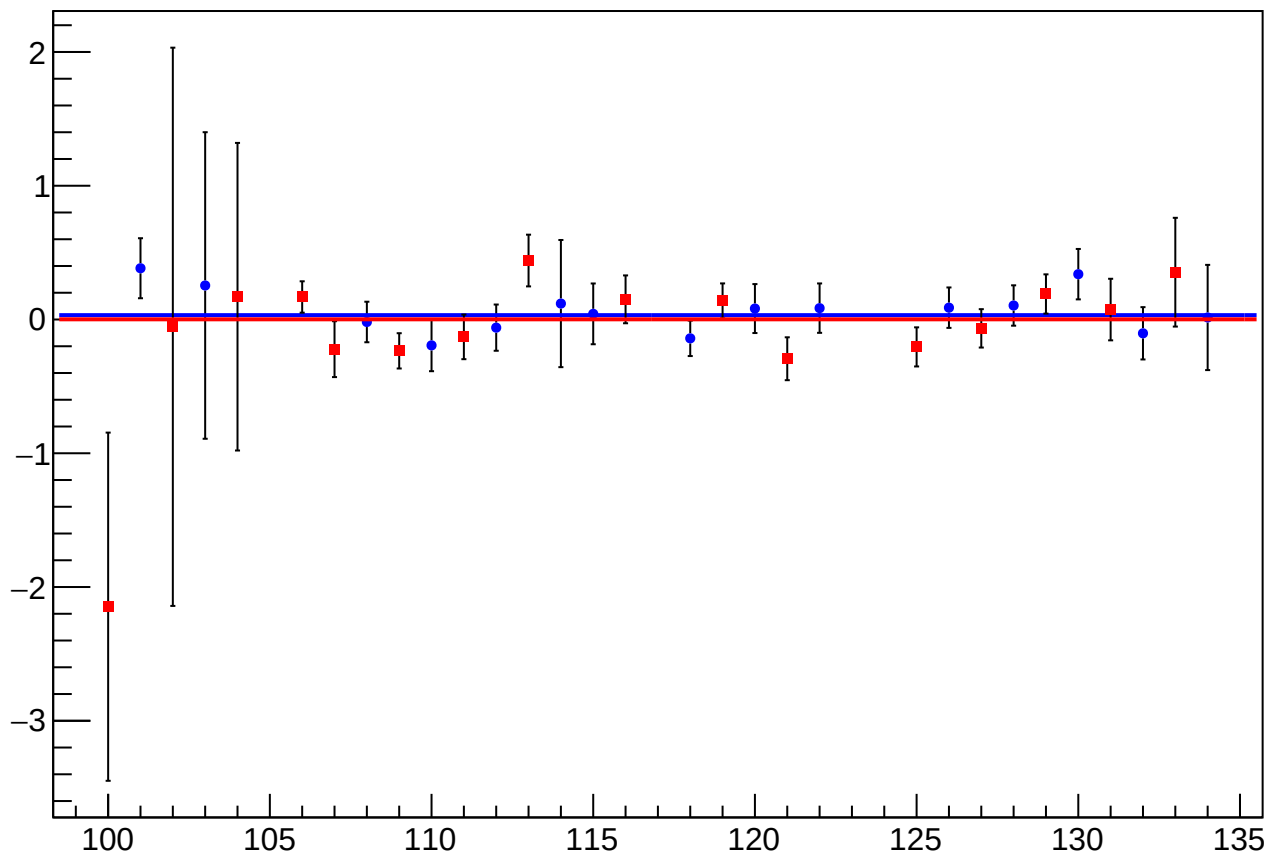
Right: 104.223+/-0.023 χ^2/NDF : 3887367.2/30

In: 113.007+/-0.035 χ^2/NDF :1446374.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 104.223+/-0.023 χ^2/NDF : 3887367.2/30

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.044 χ^2/NDF : 24.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

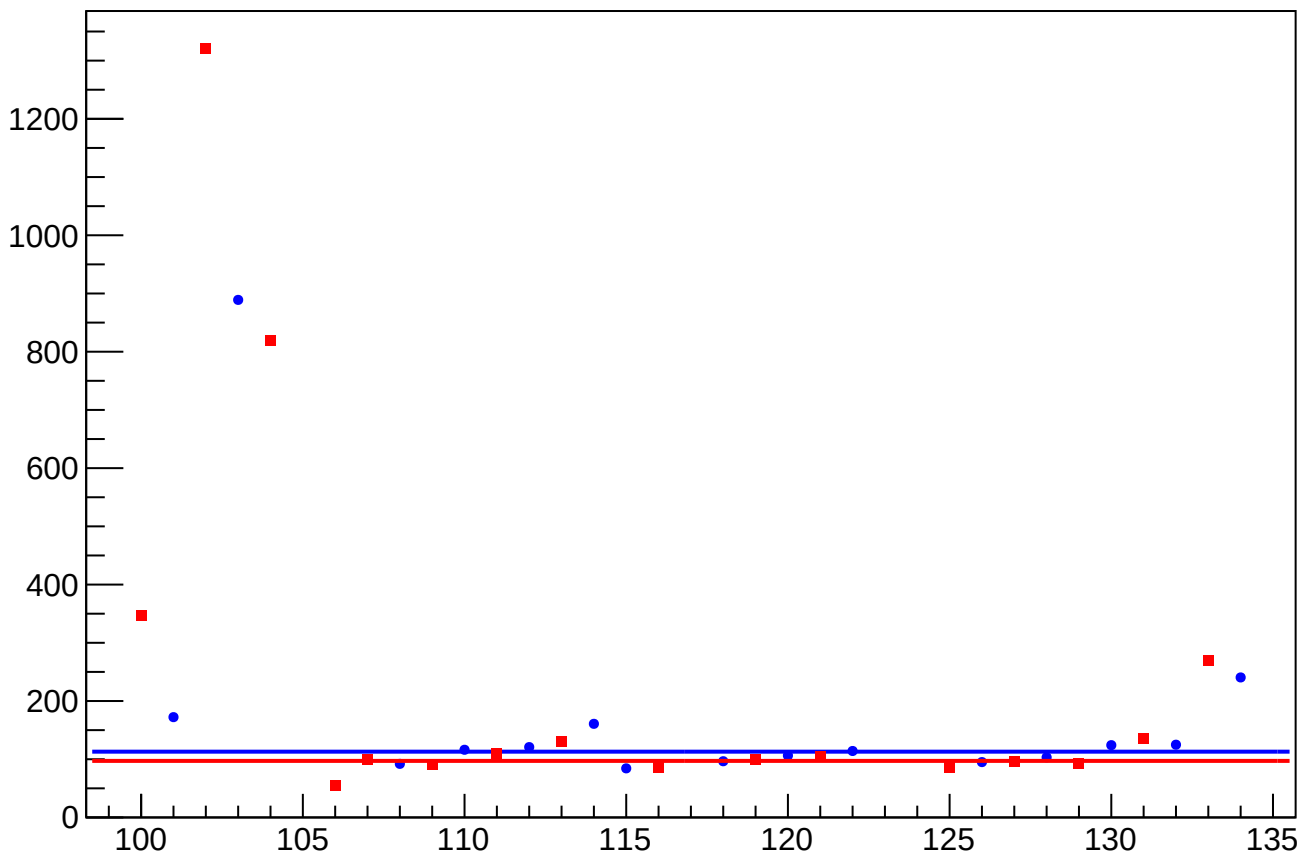
Right: 0.015+/-0.033 χ^2/NDF : 34.7/30

In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 34.7/30

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.007 $\pm$ 0.035 χ^2 /NDF: 1446374.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.150 $\pm$ 0.031 χ^2 /NDF: 2325952.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

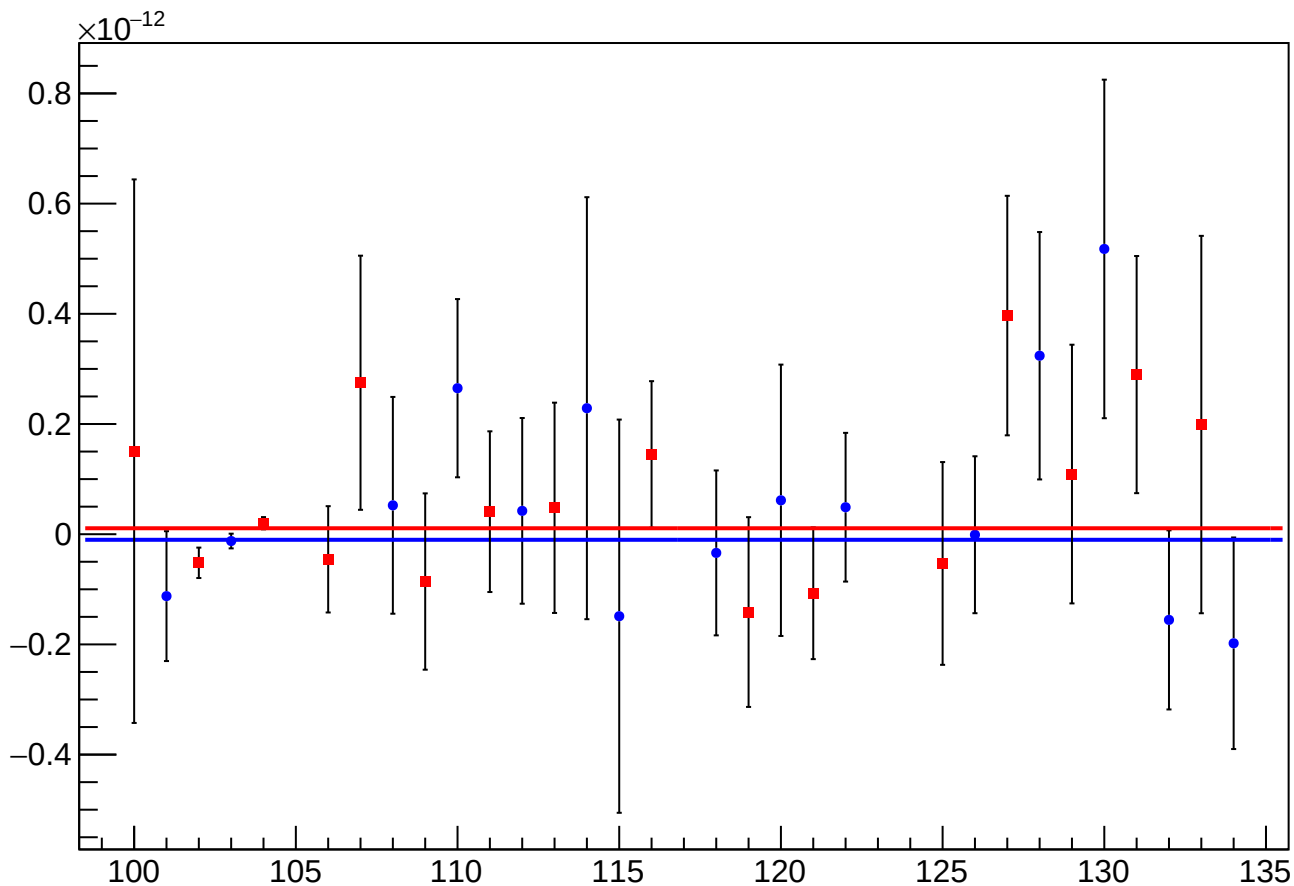
Right: 104.223 $\pm$ 0.023 χ^2 /NDF: 3887367.2/30

In: 113.007 $\pm$ 0.035 χ^2 /NDF:1446374.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.223 $\pm$ 0.023 χ^2 /NDF: 3887367.2/30

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 : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

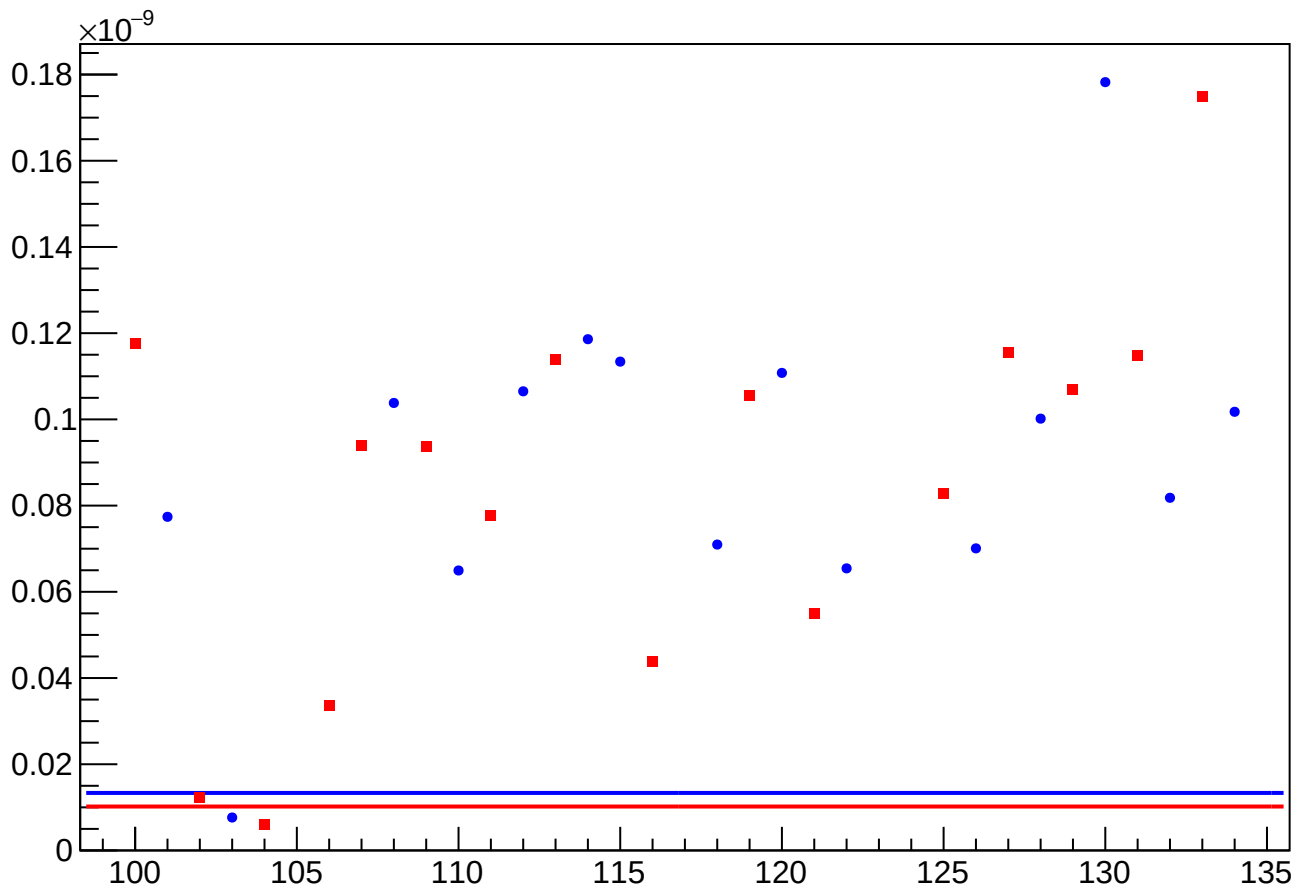
Right: 0.000+/-0.000 χ^2/NDF : 29.5/30

In: -0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.5/30

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 : 5381659.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5423312.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

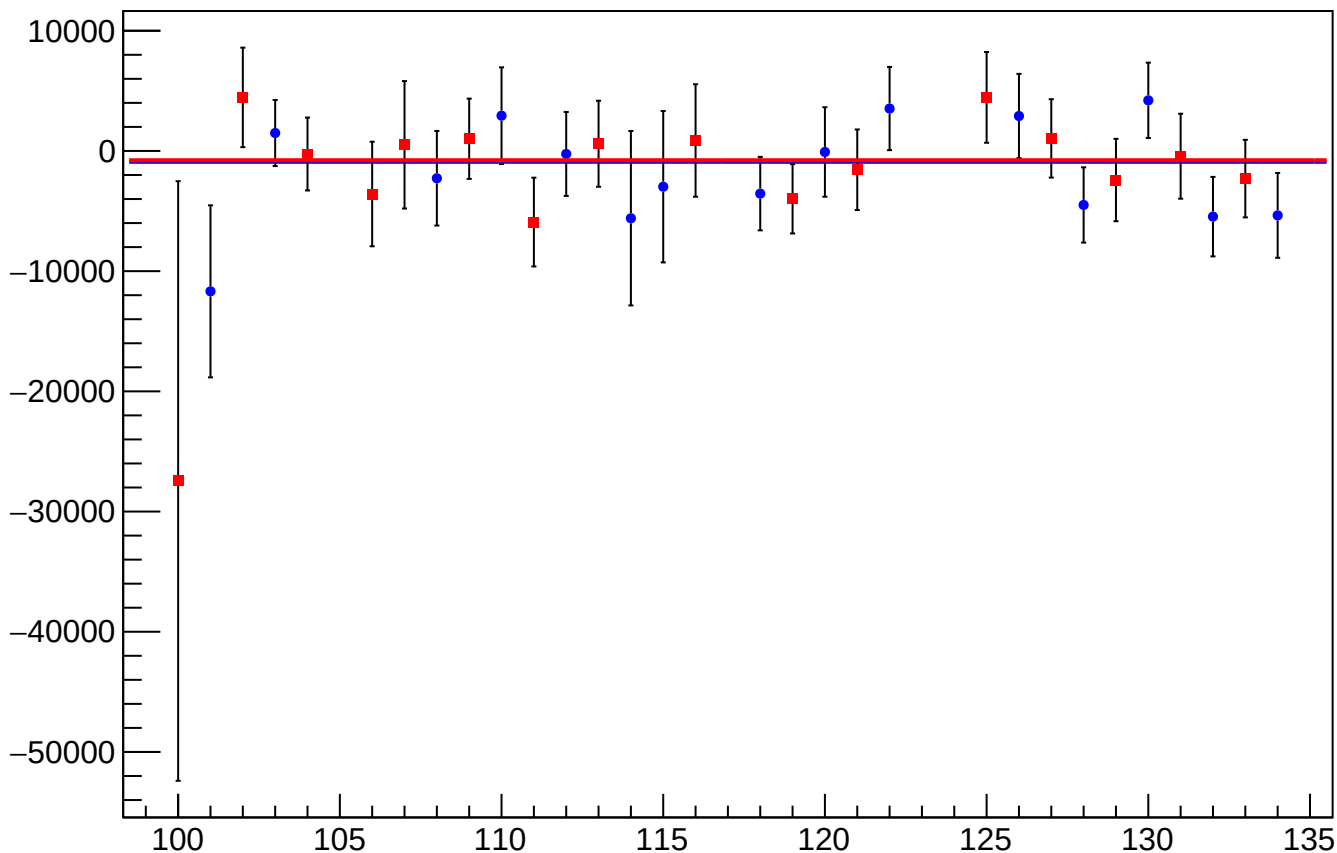
Right: 0.000+/-0.000 χ^2/NDF : 10879806.5/30

In: 0.000+/-0.000 χ^2/NDF : 5381659.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10879806.5/30

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -901.080+/-943.189 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -770.375+/-921.118 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

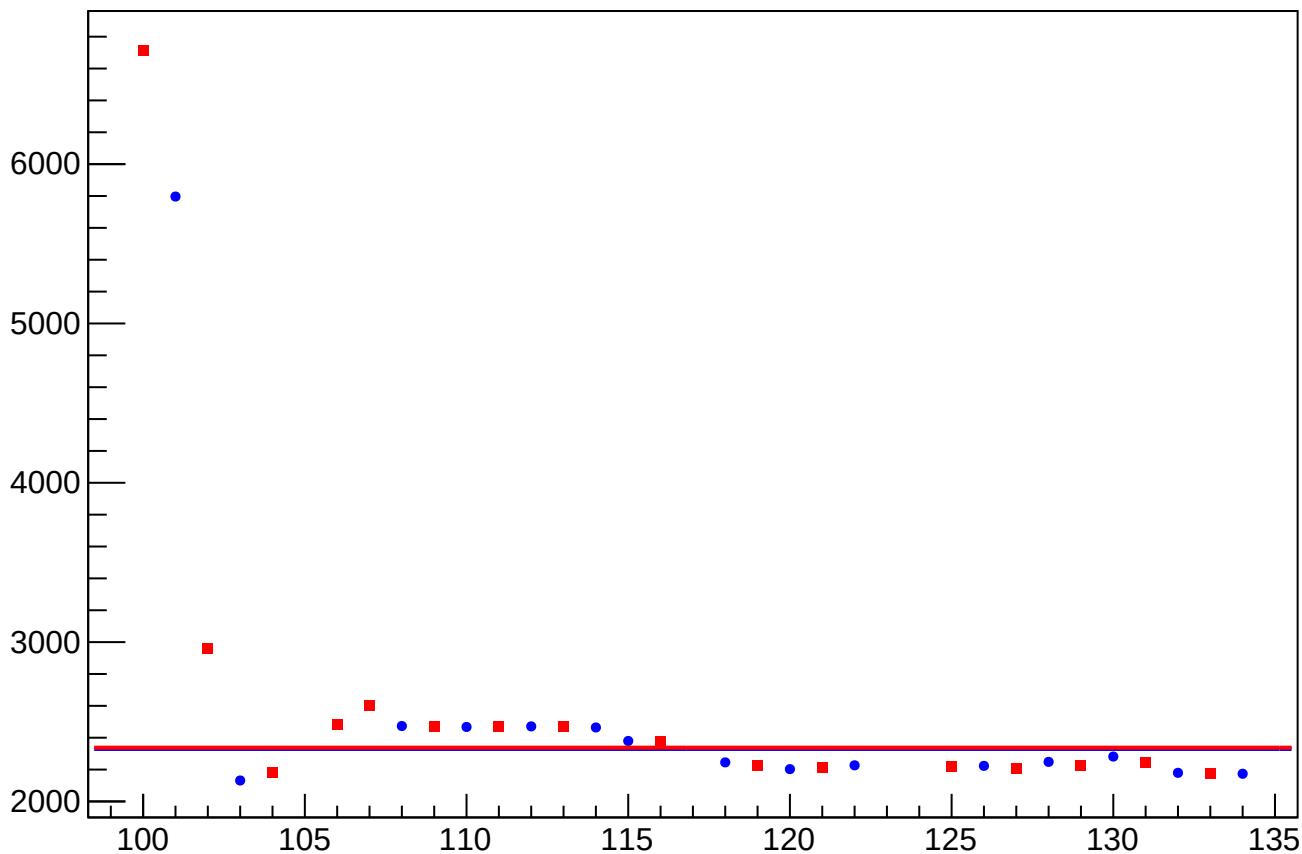
Right: -834.180+/-658.993 χ^2/NDF : 25.4/30

In: -901.080+/-943.189 χ^2/NDF : 15.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.180+/-658.993 χ^2/NDF : 25.4/30

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2329.491+/-0.667 χ^2/NDF : 505999.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.612+/-0.651 χ^2/NDF : 147125.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

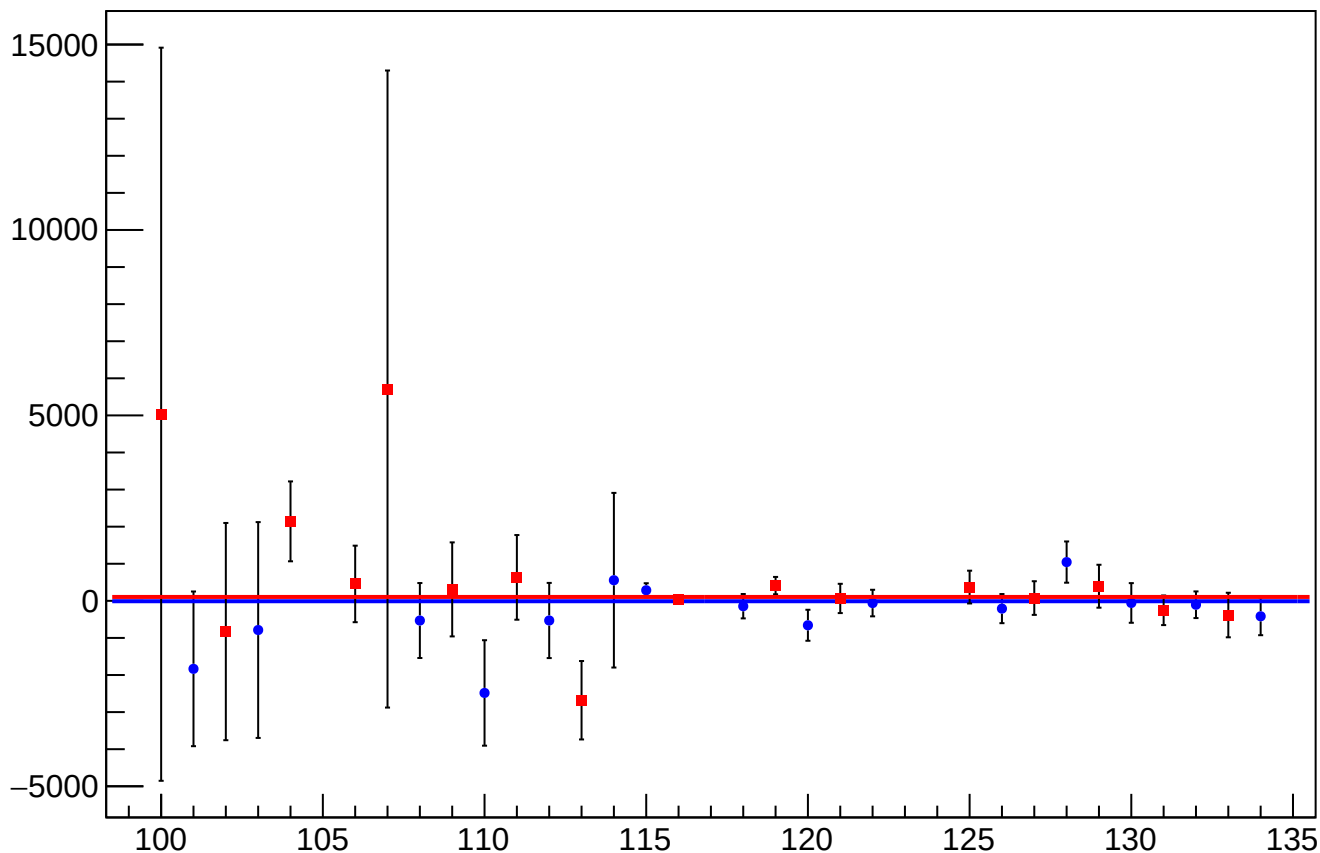
Right: 2333.648+/-0.466 χ^2/NDF : 653200.3/30

In: 2329.491+/-0.667 χ^2/NDF : 505999.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.648+/-0.466 χ^2/NDF : 653200.3/30

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -10.818+/-112.825 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.119+/-93.481 χ^2/NDF : 15.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

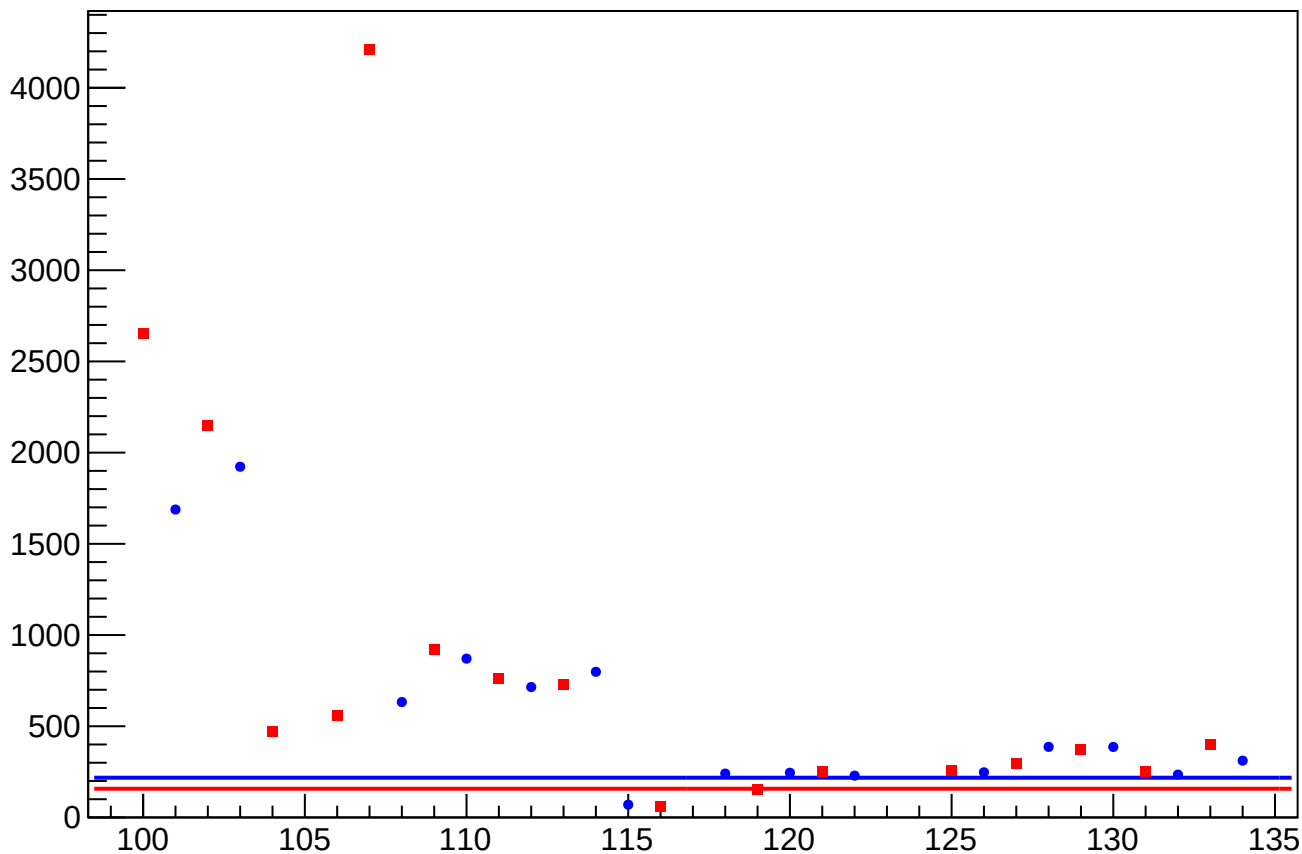
Right: 57.926+/-71.983 χ^2/NDF : 30.4/30

In: -10.818+/-112.825 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.926+/-71.983 χ^2/NDF : 30.4/30

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 217.821+/-0.080 χ^2/NDF : 4751538.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.456+/-0.066 χ^2/NDF : 6144727.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

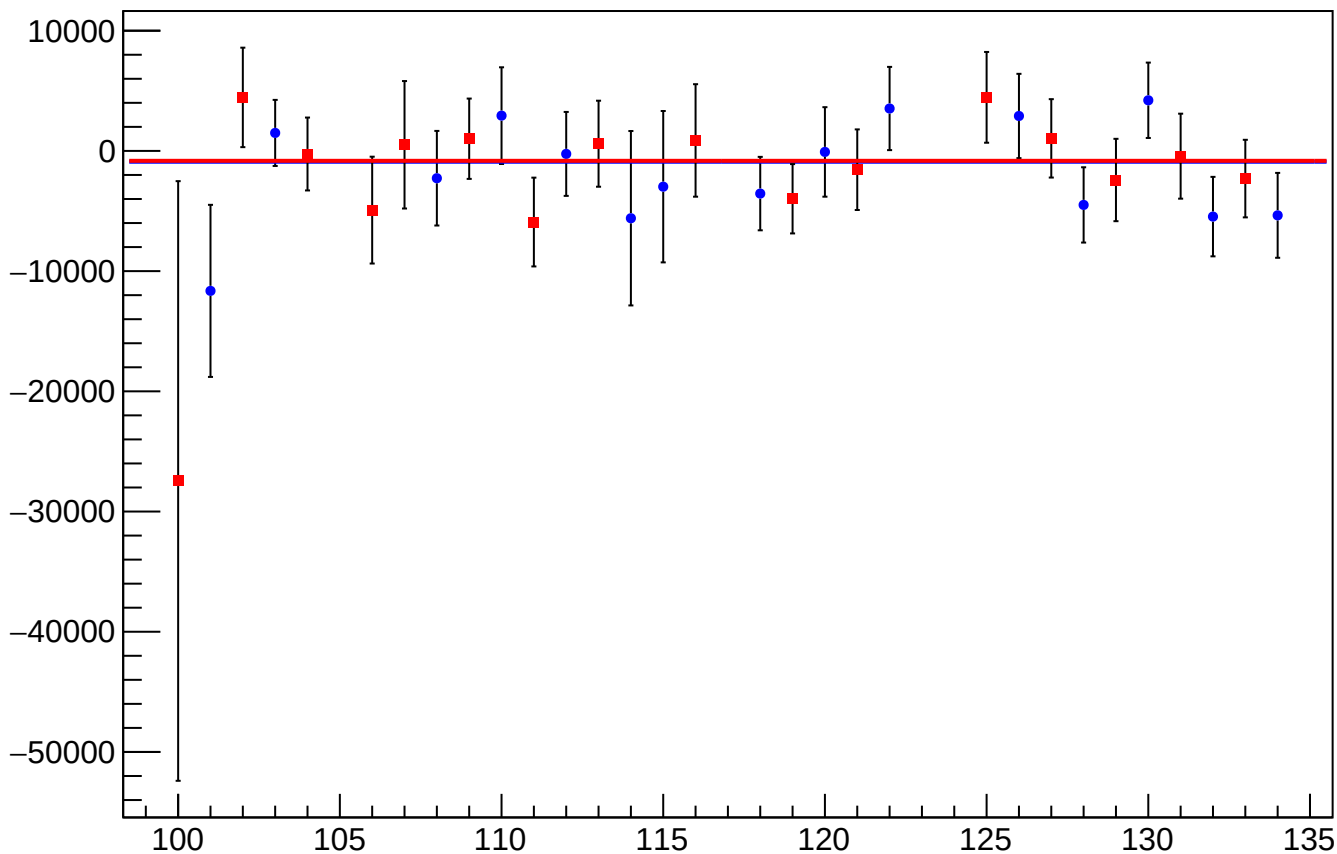
Right: 182.027+/-0.051 χ^2/NDF : 11235743.2/30

In: 217.821+/-0.080 χ^2/NDF :4751538.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.027+/-0.051 χ^2/NDF : 11235743.2/30

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -899.937 $\pm$ 943.190 χ^2 /NDF: 15.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -823.644 $\pm$ 921.975 χ^2 /NDF: 10.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

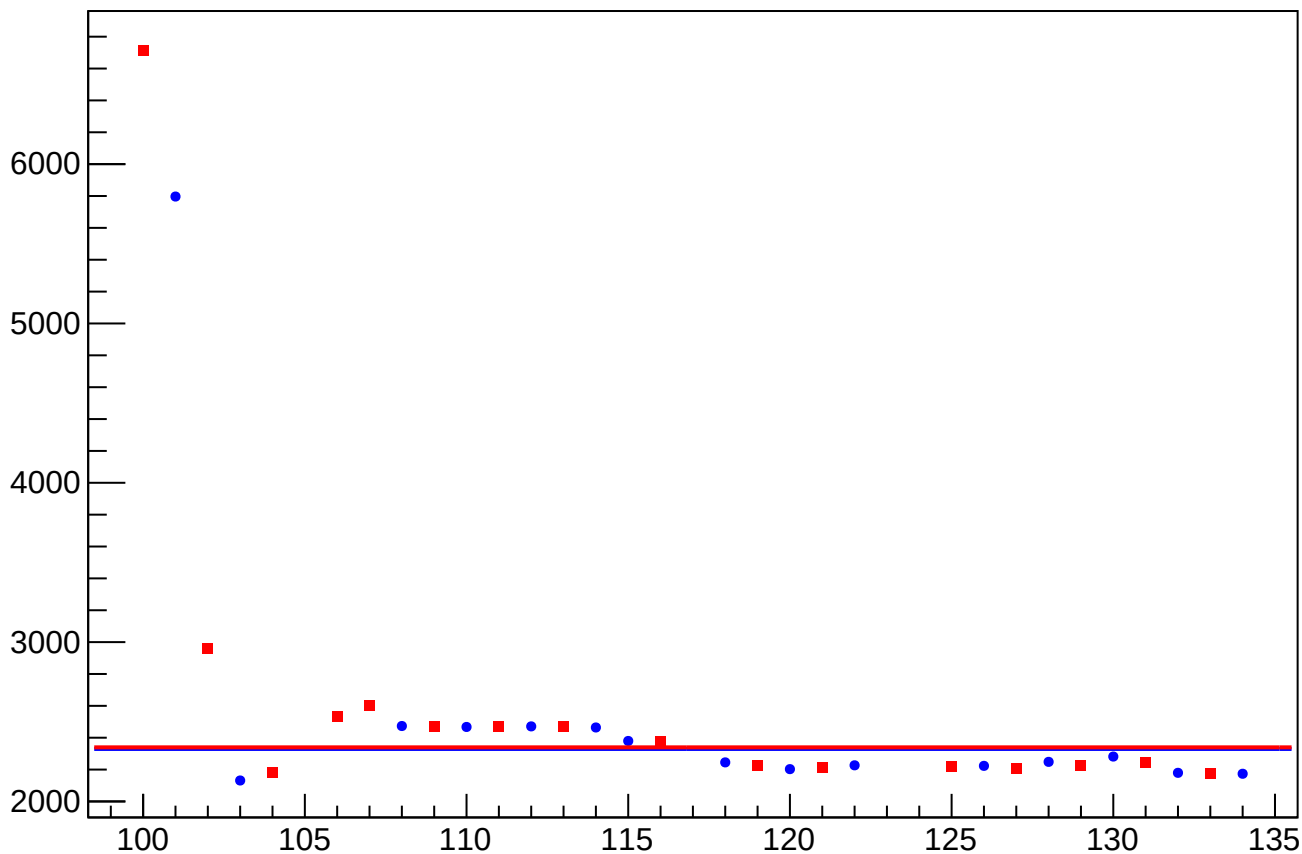
Right: -860.923 $\pm$ 659.307 χ^2 /NDF: 25.9/30

In: -899.937 $\pm$ 943.190 χ^2 /NDF:15.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -860.923 $\pm$ 659.307 χ^2 /NDF: 25.9/30

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2329.491+/-0.667 χ^2/NDF : 505999.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.523+/-0.652 χ^2/NDF : 148784.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

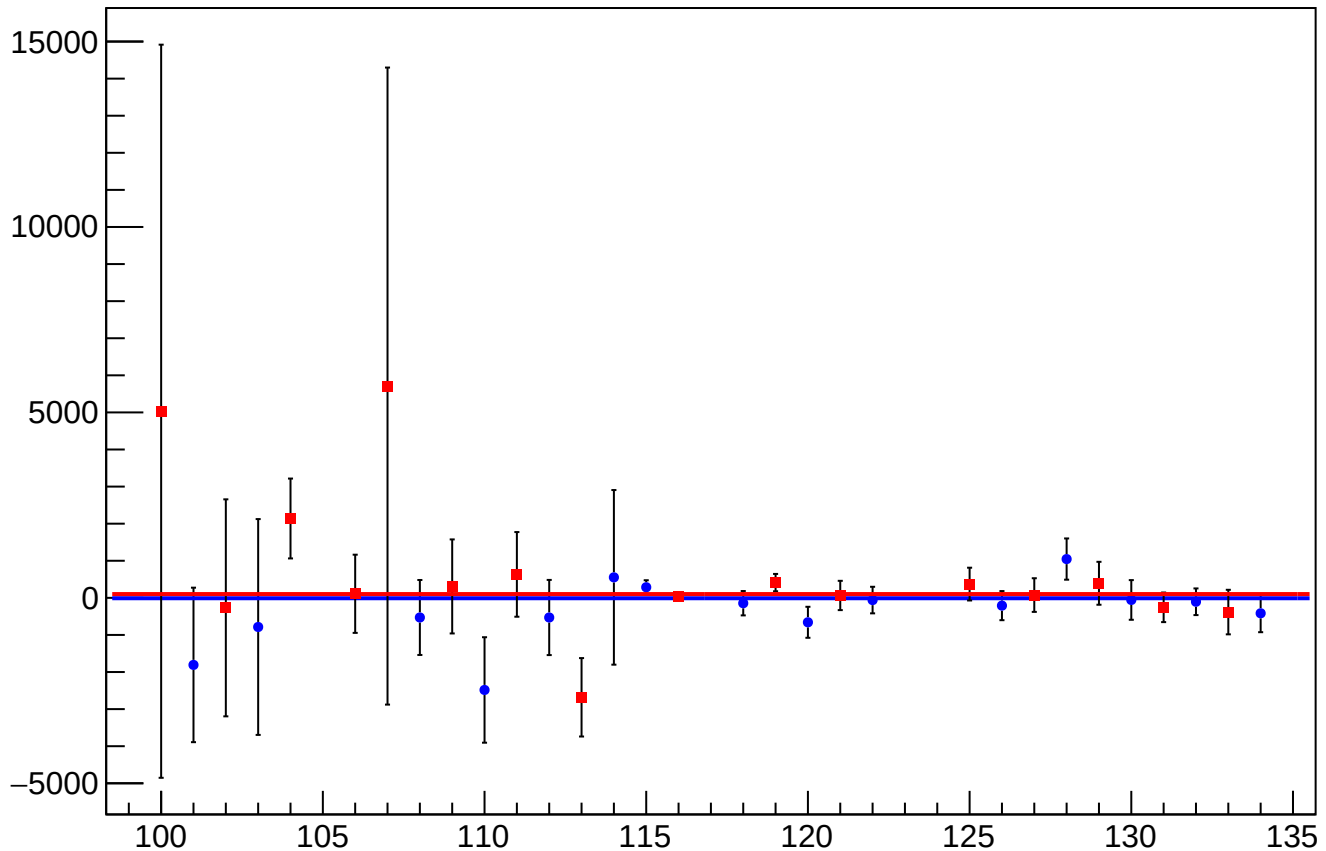
Right: 2334.621+/-0.466 χ^2/NDF : 654900.3/30

In: 2329.491+/-0.667 χ^2/NDF : 505999.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.621+/-0.466 χ^2/NDF : 654900.3/30

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -10.712 ± 112.841 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 102.172 ± 93.387 χ^2/NDF : 15.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

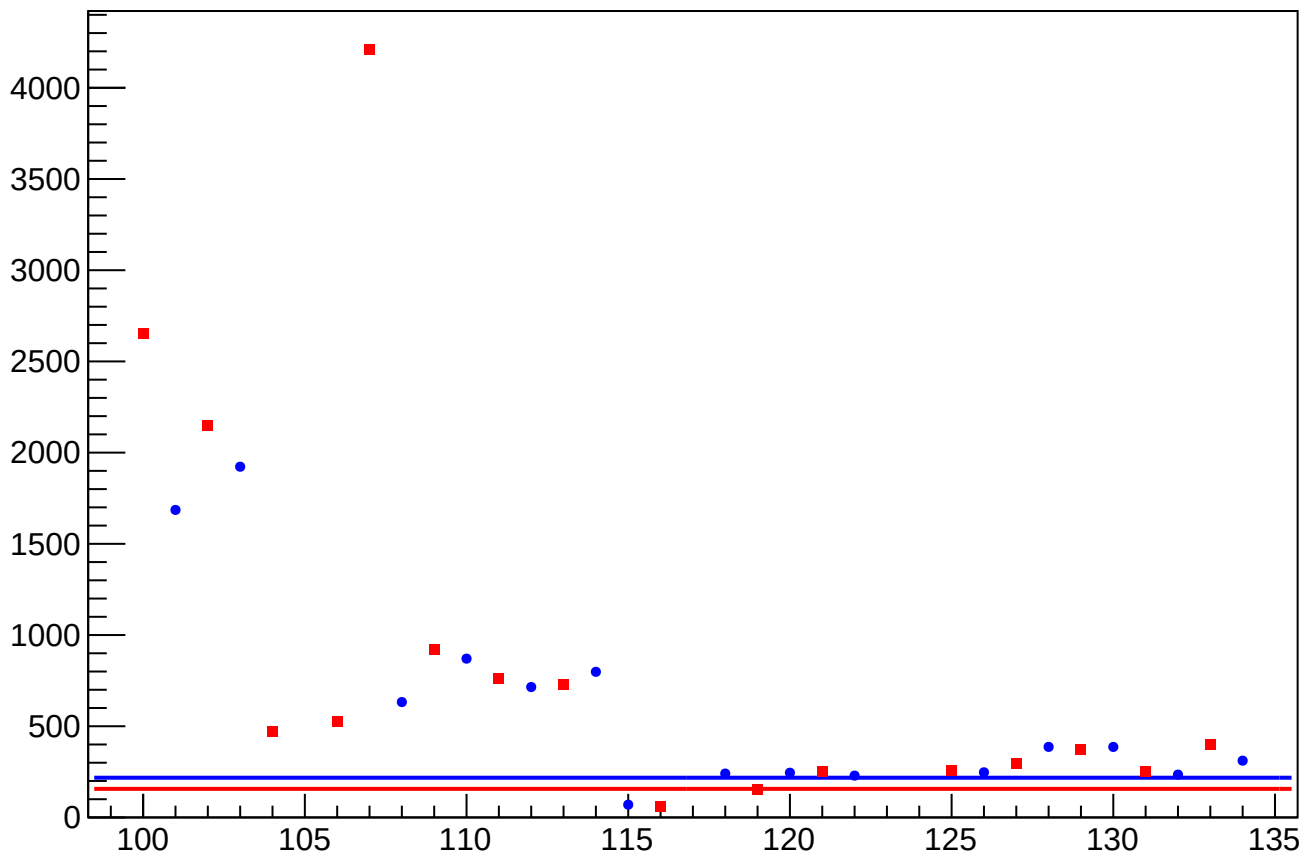
Right: 56.285 ± 71.944 χ^2/NDF : 30.2/30

In: -10.712 ± 112.841 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 56.285 ± 71.944 χ^2/NDF : 30.2/30

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 217.877+/-0.080 χ^2/NDF : 4749814.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.729+/-0.066 χ^2/NDF : 6100035.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

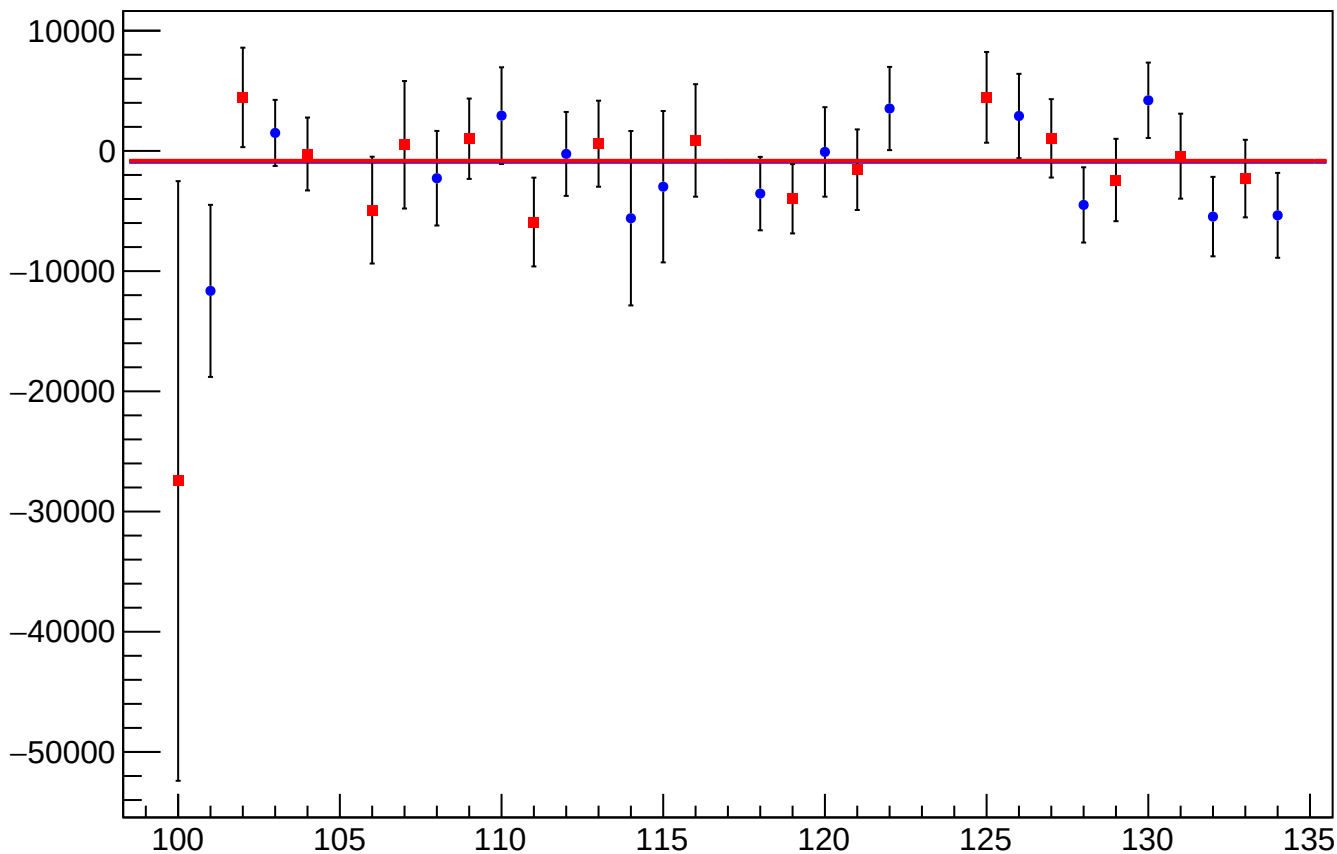
Right: 181.585+/-0.051 χ^2/NDF : 11198425.6/30

In: 217.877+/-0.080 χ^2/NDF : 4749814.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.585+/-0.051 χ^2/NDF : 11198425.6/30

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -899.937+/-943.190 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -823.644+/-921.975 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

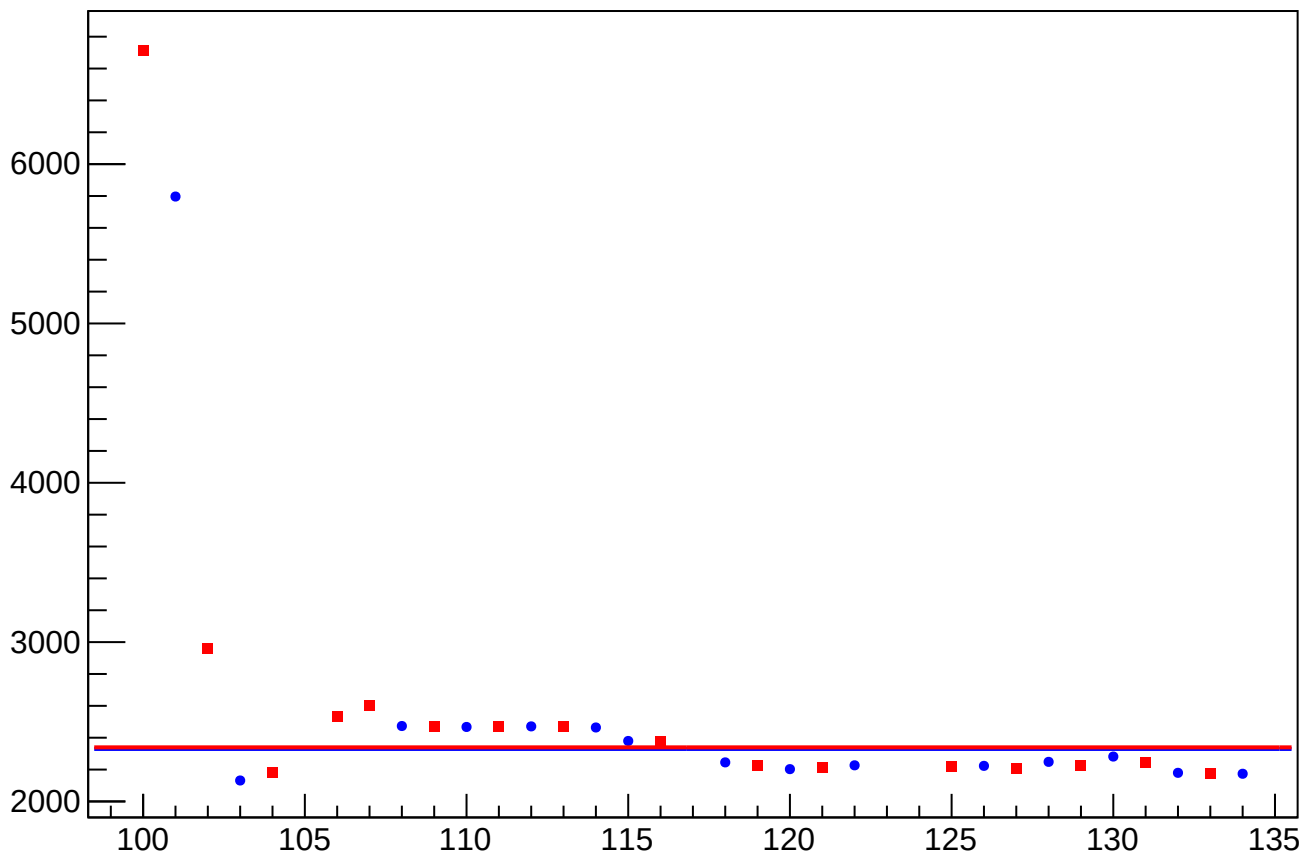
Right: -860.923+/-659.307 χ^2/NDF : 25.9/30

In: -899.937+/-943.190 χ^2/NDF : 15.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -860.923+/-659.307 χ^2/NDF : 25.9/30

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2329.491+/-0.667 χ^2/NDF : 505999.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.523+/-0.652 χ^2/NDF : 148784.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

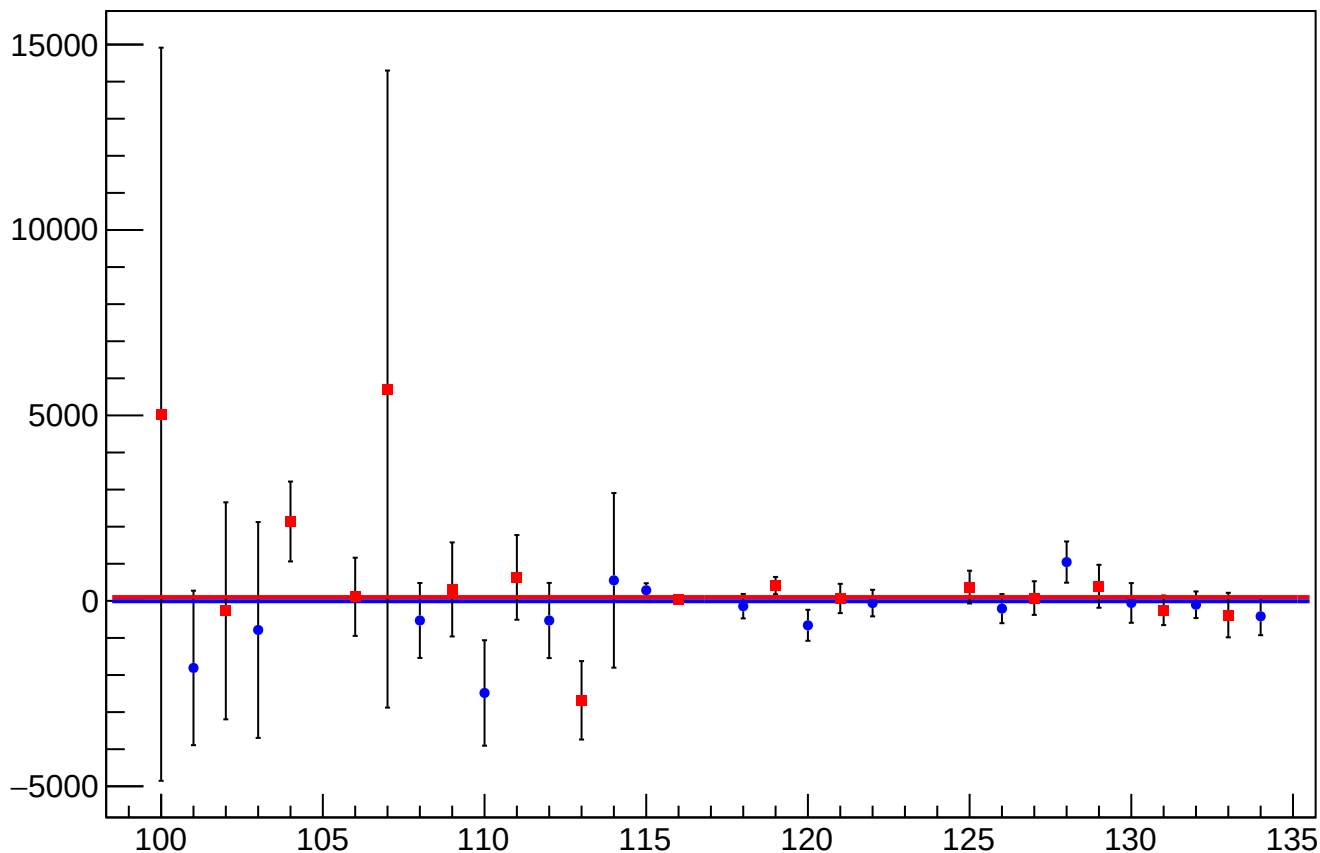
Right: 2334.621+/-0.466 χ^2/NDF : 654900.3/30

In: 2329.491+/-0.667 χ^2/NDF : 505999.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.621+/-0.466 χ^2/NDF : 654900.3/30

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -10.712 $\pm$ 112.841 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.172 $\pm$ 93.387 χ^2 /NDF: 15.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

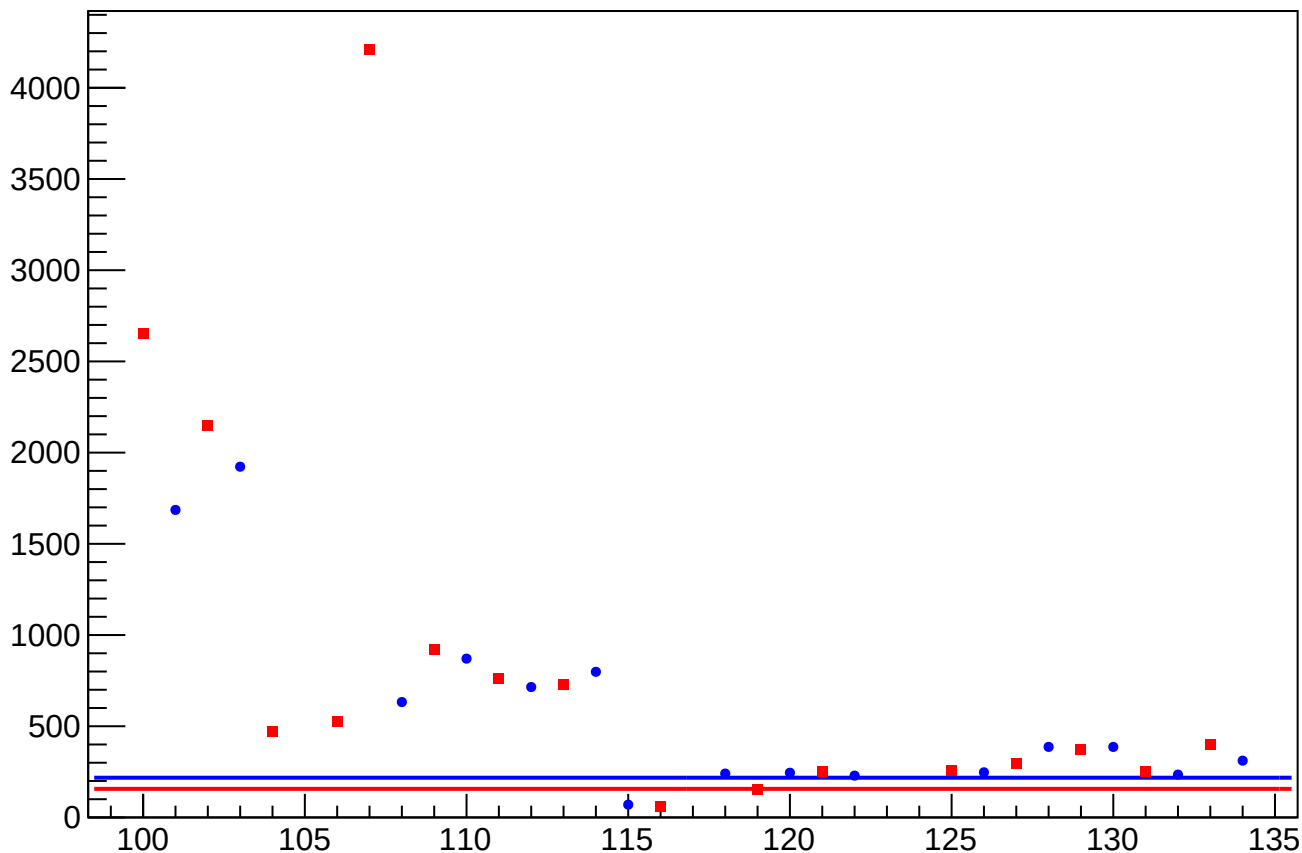
Right: 56.285 $\pm$ 71.944 χ^2 /NDF: 30.2/30

In: -10.712 $\pm$ 112.841 χ^2 /NDF:14.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.285 $\pm$ 71.944 χ^2 /NDF: 30.2/30

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 217.877+/-0.080 χ^2/NDF : 4749814.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.729+/-0.066 χ^2/NDF : 6100035.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

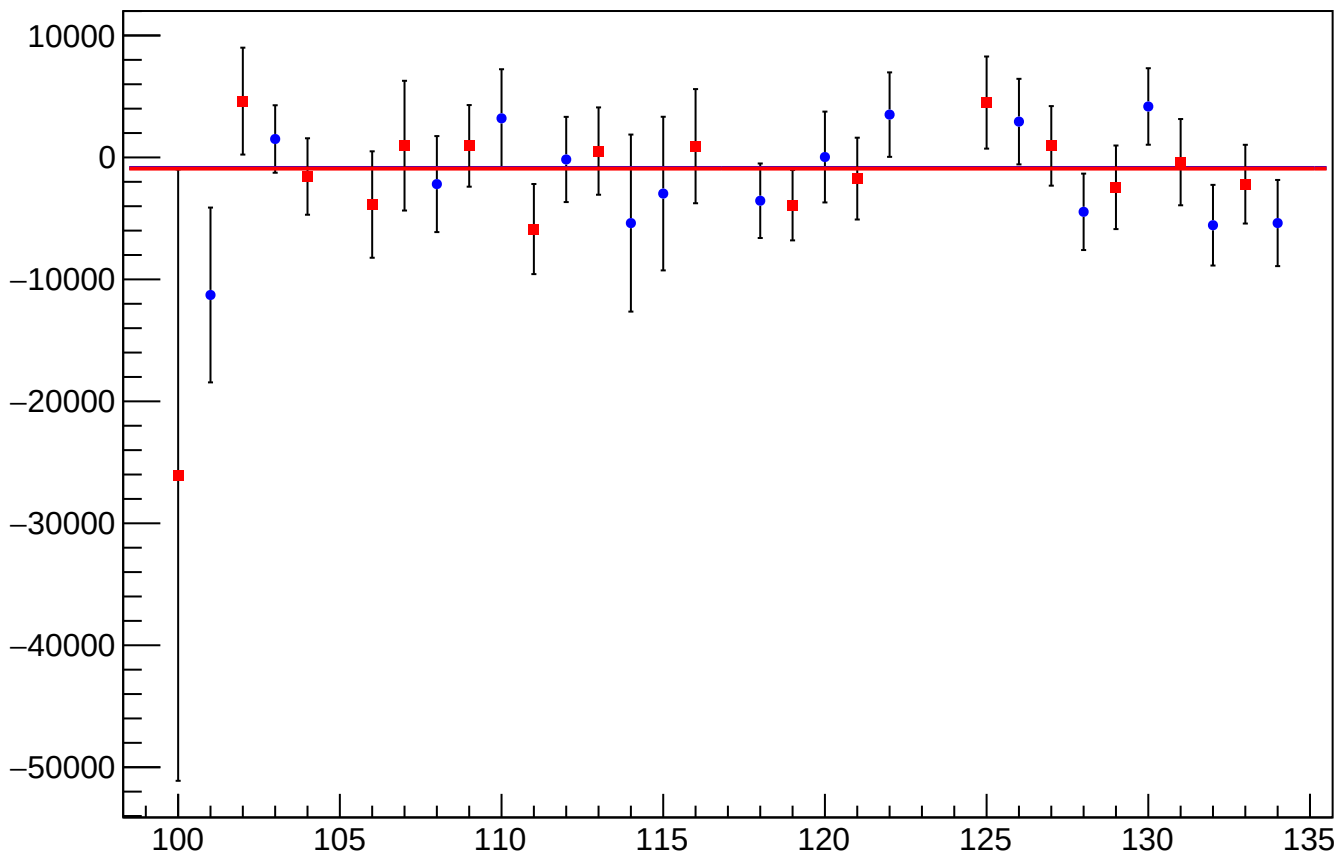
Right: 181.585+/-0.051 χ^2/NDF : 11198425.6/30

In: 217.877+/-0.080 χ^2/NDF : 4749814.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.585+/-0.051 χ^2/NDF : 11198425.6/30

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -865.818+/-944.258 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -913.132+/-926.979 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

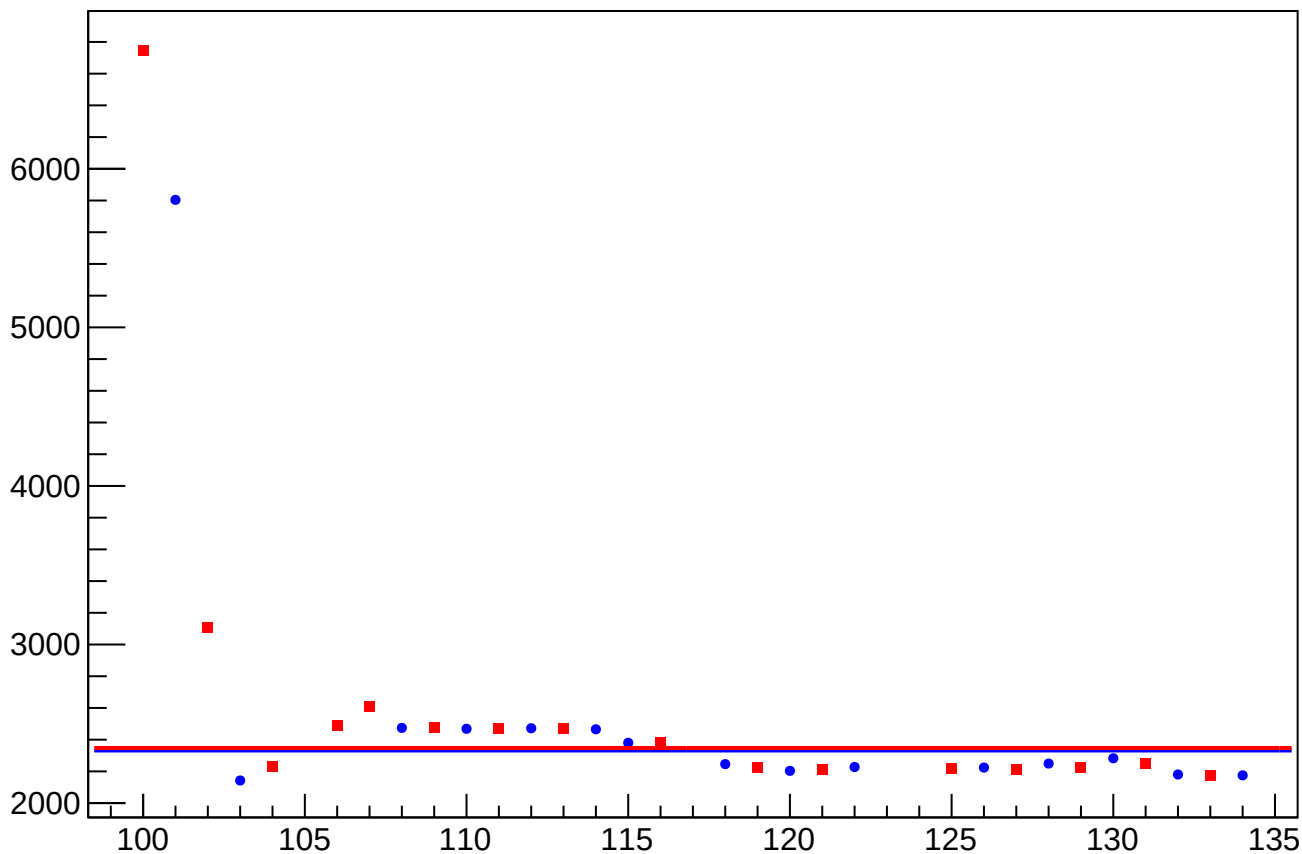
Right: -889.912+/-661.498 χ^2/NDF : 25.2/30

In: -865.818+/-944.258 χ^2/NDF : 15.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -889.912+/-661.498 χ^2/NDF : 25.2/30

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2331.860+/-0.668 χ^2/NDF : 505425.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2347.660+/-0.655 χ^2/NDF : 161997.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

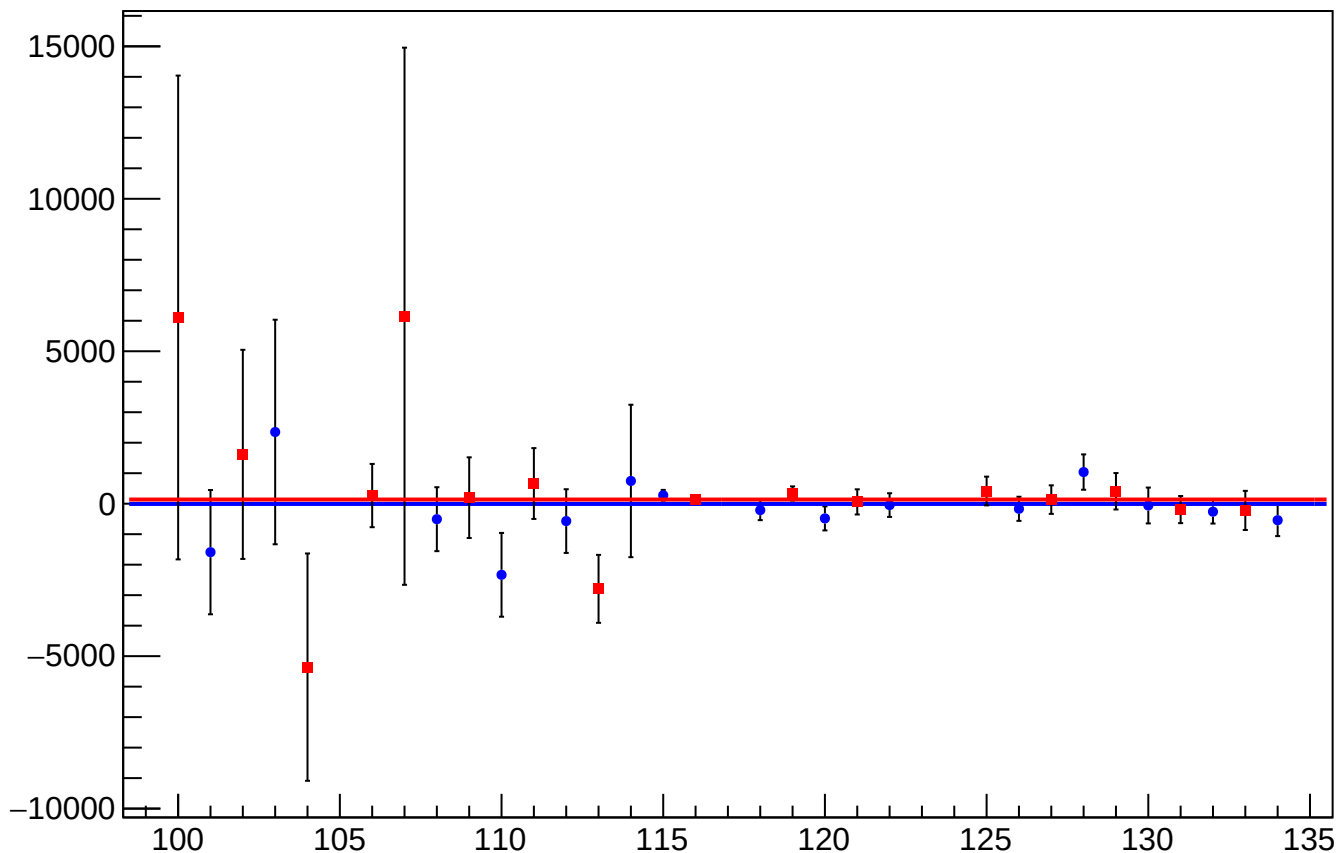
Right: 2339.906+/-0.468 χ^2/NDF : 667708.6/30

In: 2331.860+/-0.668 χ^2/NDF : 505425.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.906+/-0.468 χ^2/NDF : 667708.6/30

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -8.486+/-111.985 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.824+/-97.553 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

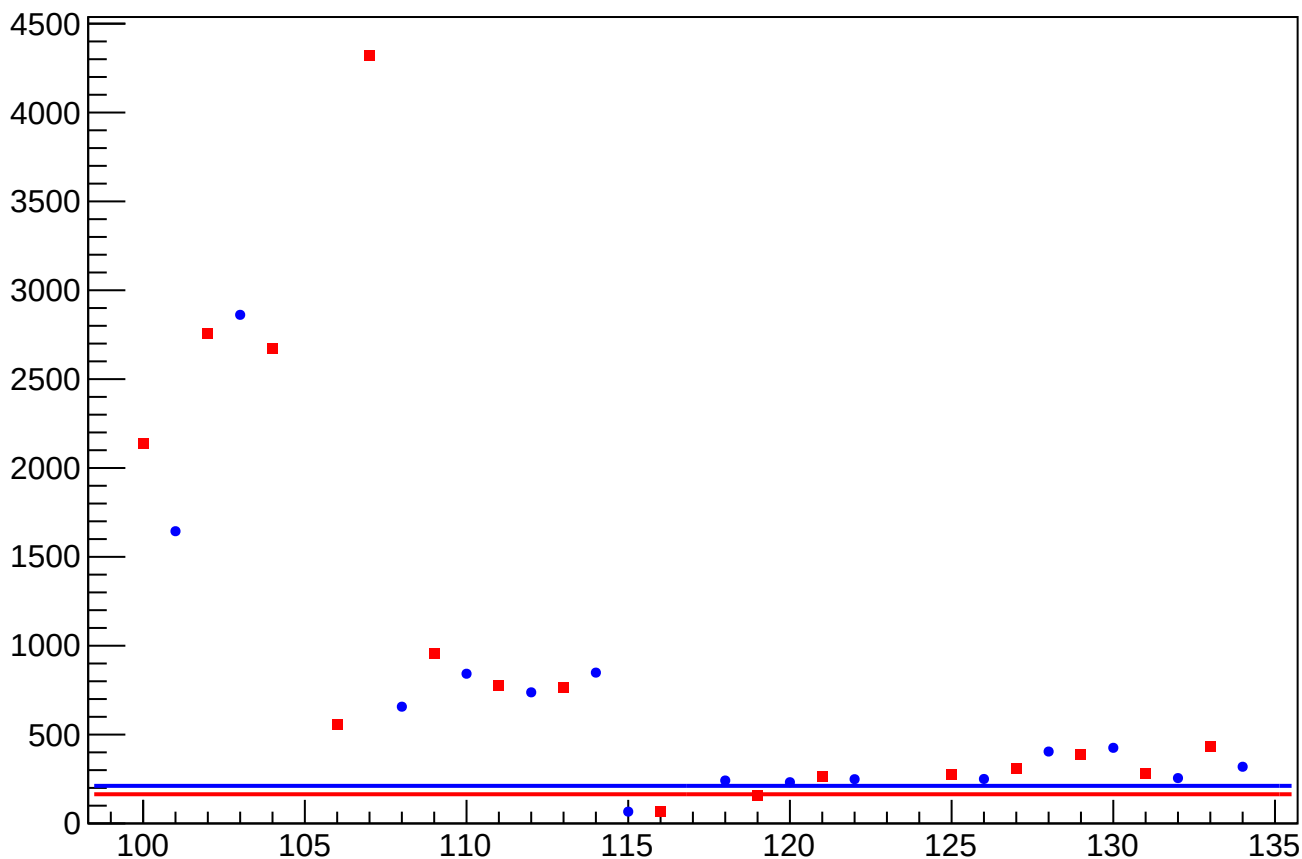
Right: 74.130+/-73.557 χ^2/NDF : 27.5/30

In: -8.486+/-111.985 χ^2/NDF : 13.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.130+/-73.557 χ^2/NDF : 27.5/30

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 211.536+/-0.079 χ^2/NDF : 5450811.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 164.294+/-0.069 χ^2/NDF : 7065541.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

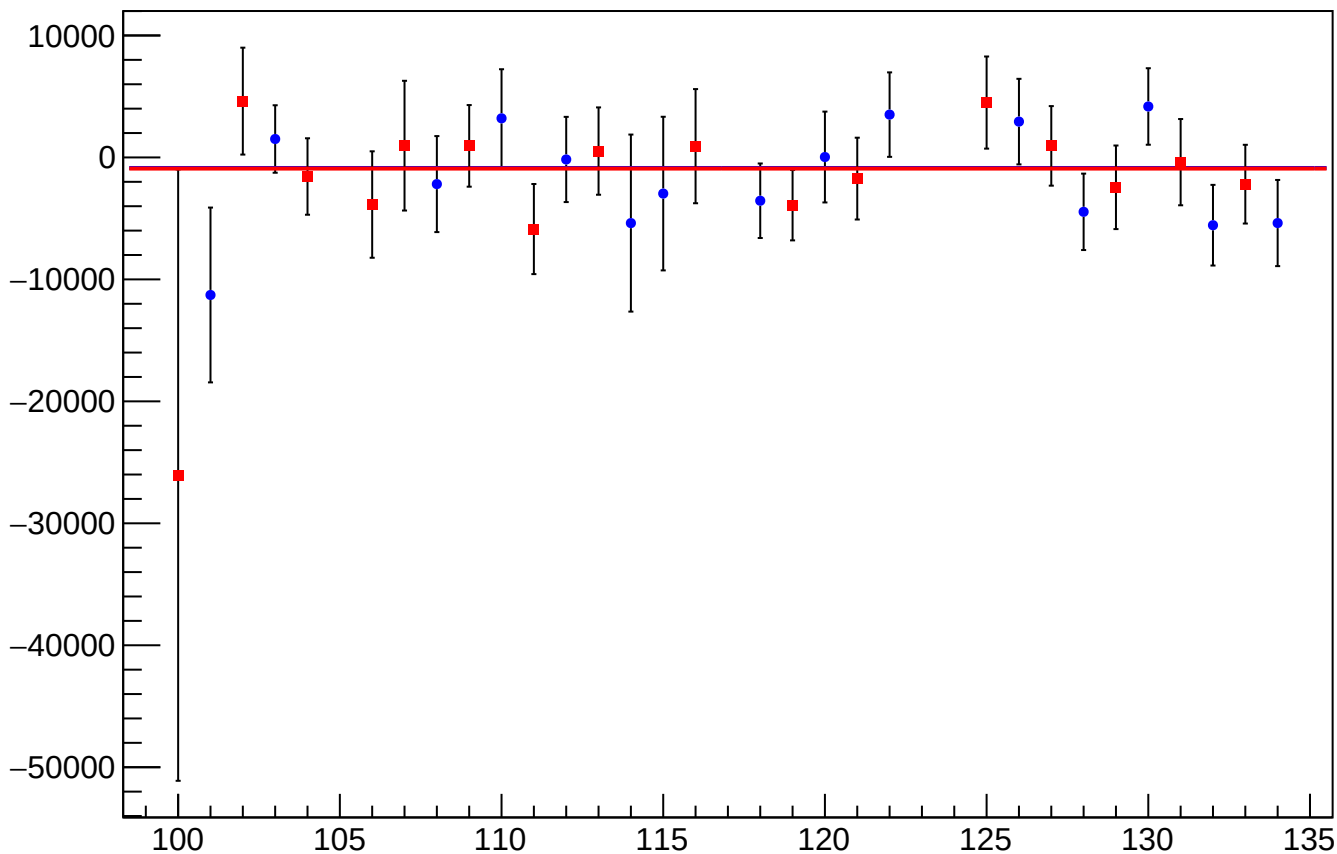
Right: 184.676+/-0.052 χ^2/NDF : 12718713.8/30

In: 211.536+/-0.079 χ^2/NDF :5450811.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.676+/-0.052 χ^2/NDF : 12718713.8/30

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -865.820+/-944.258 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -913.135+/-926.979 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

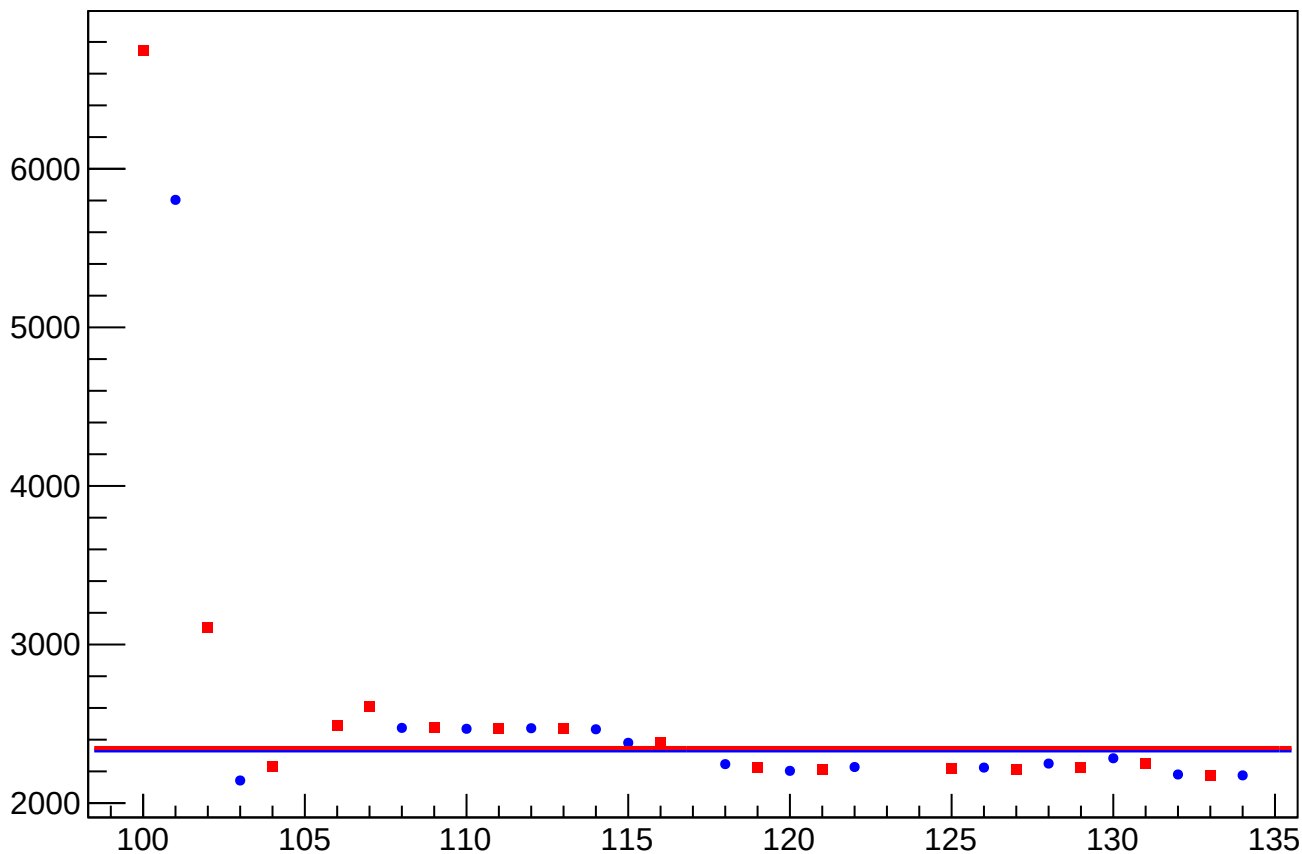
Right: -889.914+/-661.498 χ^2/NDF : 25.2/30

In: -865.820+/-944.258 χ^2/NDF : 15.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -889.914+/-661.498 χ^2/NDF : 25.2/30

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2331.860+/-0.668 χ^2/NDF : 505425.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2347.660+/-0.655 χ^2/NDF : 161997.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

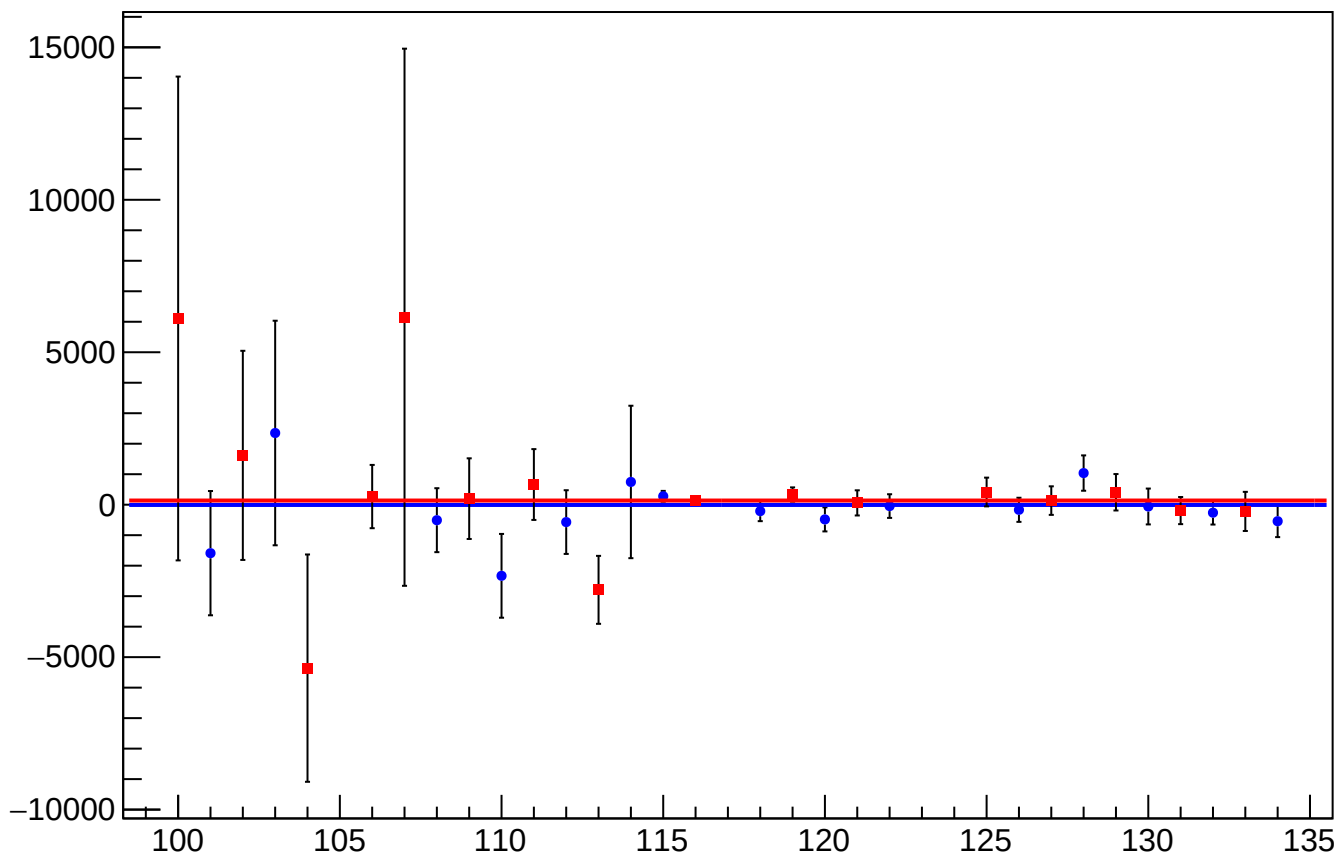
Right: 2339.906+/-0.468 χ^2/NDF : 667708.6/30

In: 2331.860+/-0.668 χ^2/NDF : 505425.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.906+/-0.468 χ^2/NDF : 667708.6/30

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -8.485+/-111.984 χ^2 /NDF: 13.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 136.823+/-97.552 χ^2 /NDF: 12.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

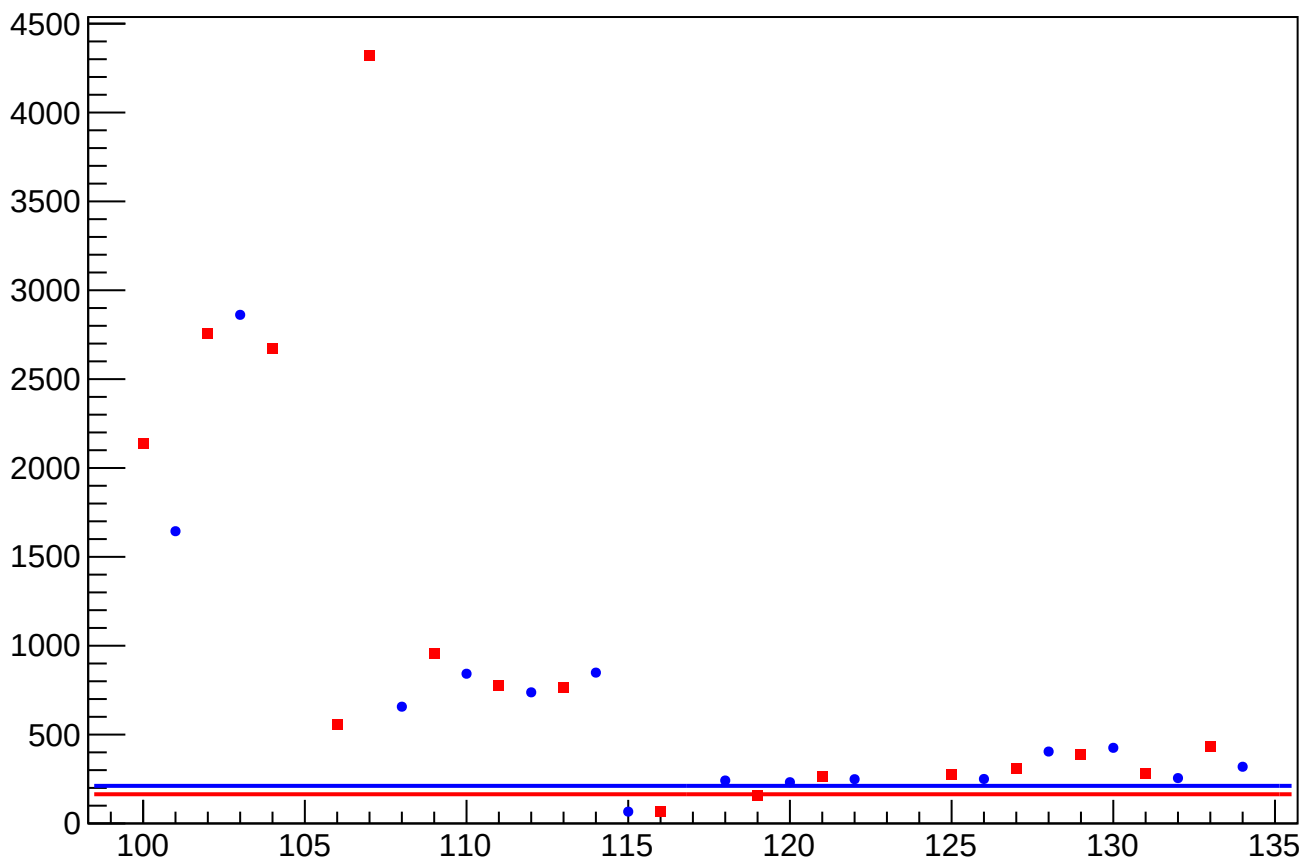
Right: 74.130+/-73.556 χ^2 /NDF: 27.5/30

In: -8.485+/-111.984 χ^2 /NDF:13.8/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 74.130+/-73.556 χ^2 /NDF: 27.5/30

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 211.532+/-0.079 χ^2/NDF : 5450875.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.291+/-0.069 χ^2/NDF : 7065603.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

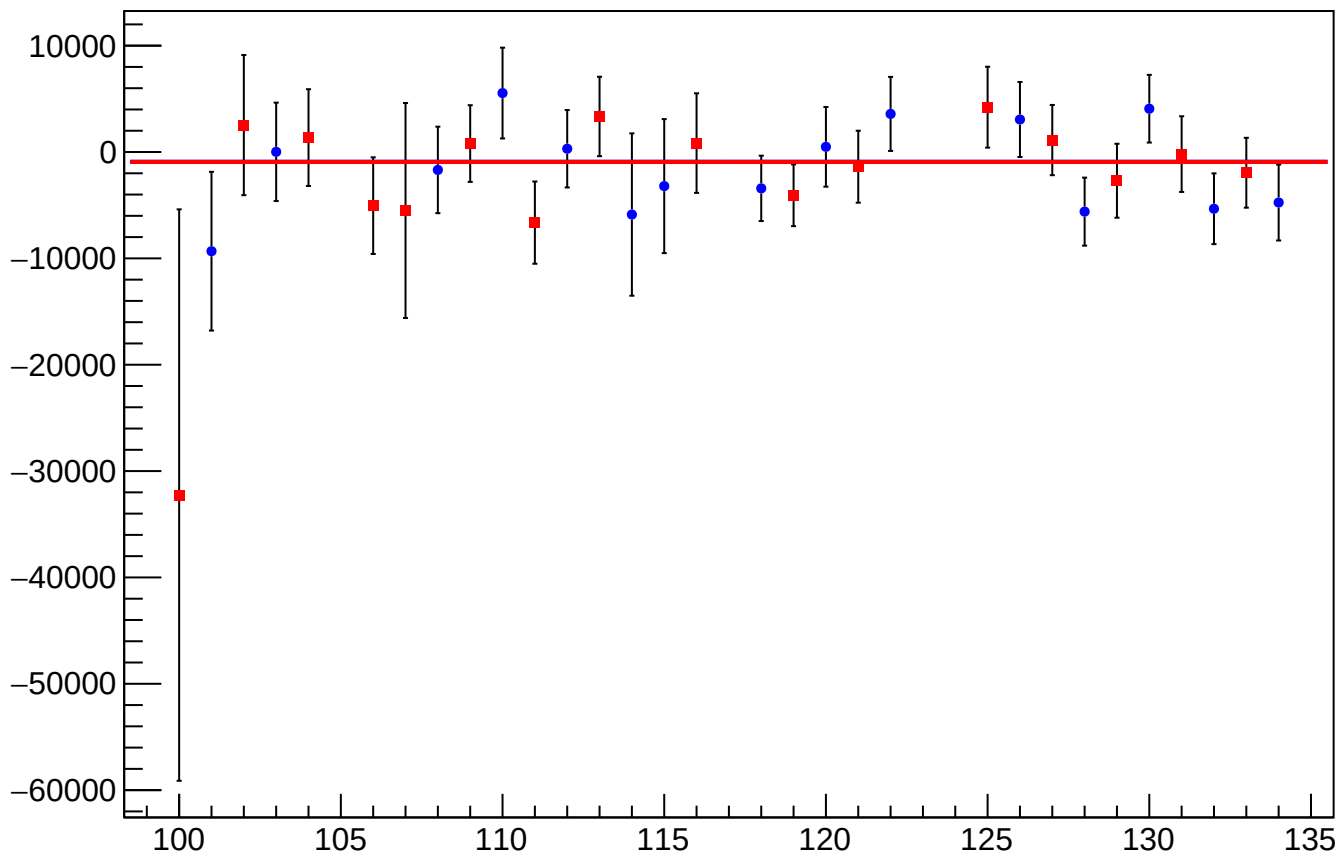
Right: 184.673+/-0.052 χ^2/NDF : 12718836.3/30

In: 211.532+/-0.079 χ^2/NDF : 5450875.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.673+/-0.052 χ^2/NDF : 12718836.3/30

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -906.705+/-998.454 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -939.326+/-993.330 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

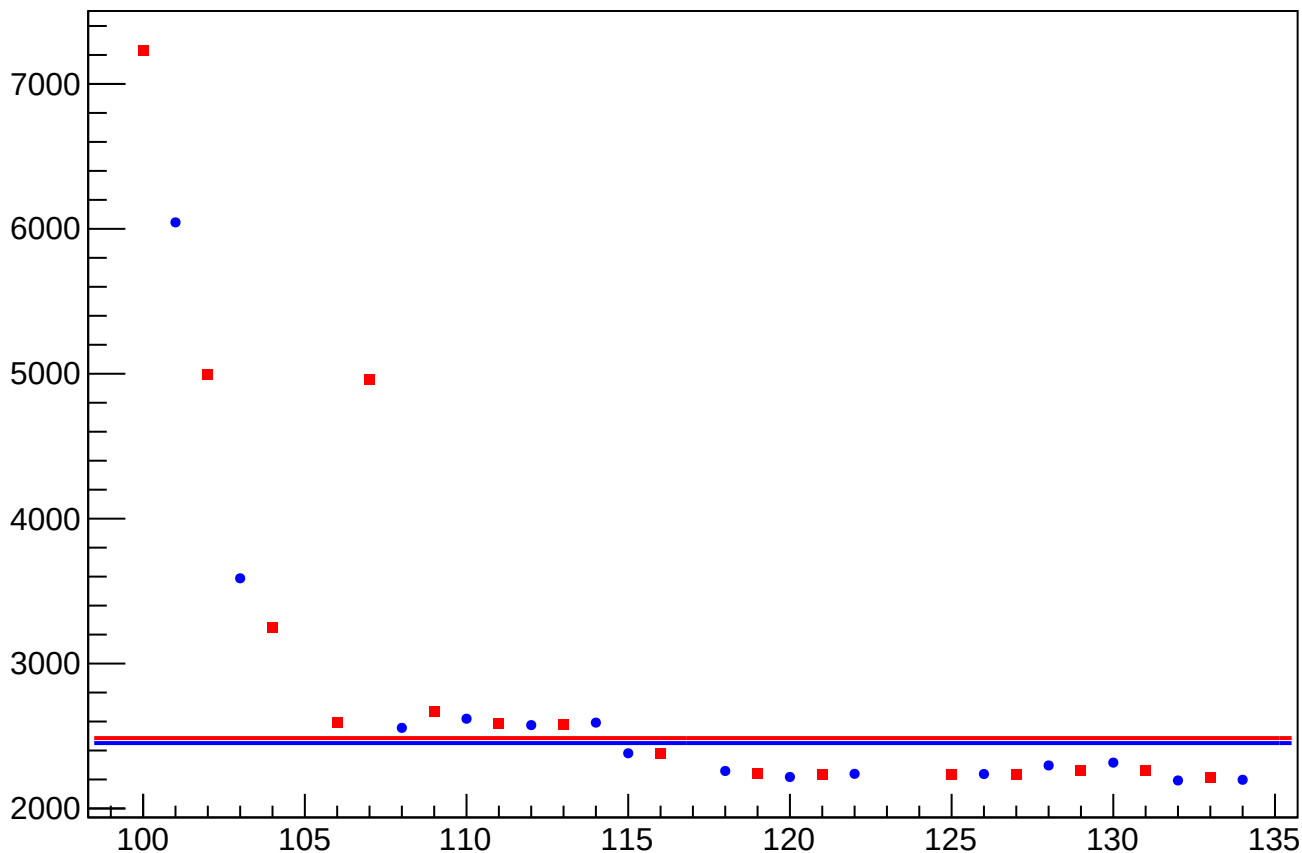
Right: -923.099+/-704.195 χ^2/NDF : 26.1/30

In: -906.705+/-998.454 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -923.099+/-704.195 χ^2/NDF : 26.1/30

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2451.219+/-0.706 χ^2/NDF : 652936.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2485.753+/-0.702 χ^2/NDF : 614246.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

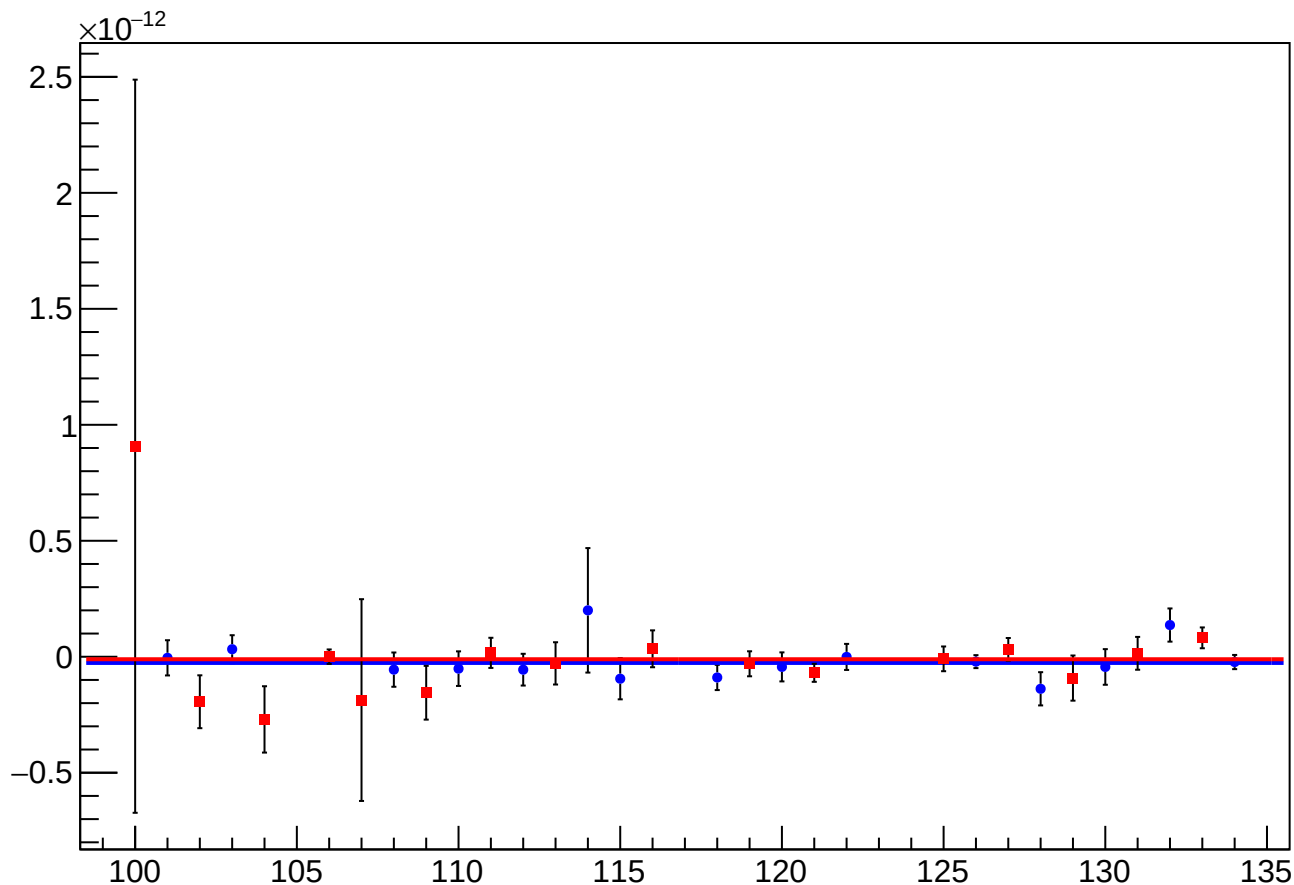
Right: 2468.575+/-0.498 χ^2/NDF : 1268385.5/30

In: 2451.219+/-0.706 χ^2/NDF :652936.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2468.575+/-0.498 χ^2/NDF : 1268385.5/30

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

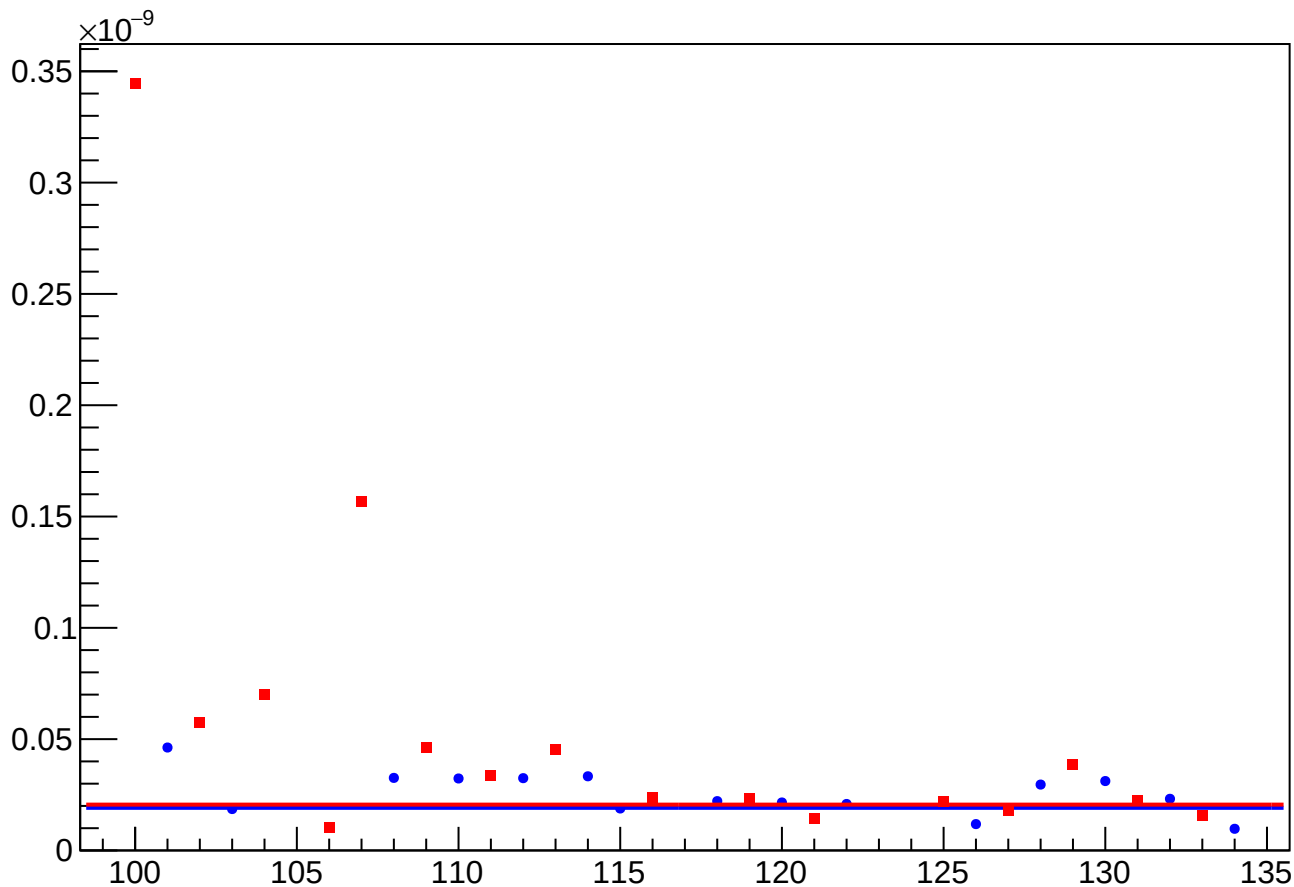
Right: -0.000+/-0.000 χ^2/NDF : 29.6/30

In: -0.000+/-0.000 χ^2/NDF : 12.2/14

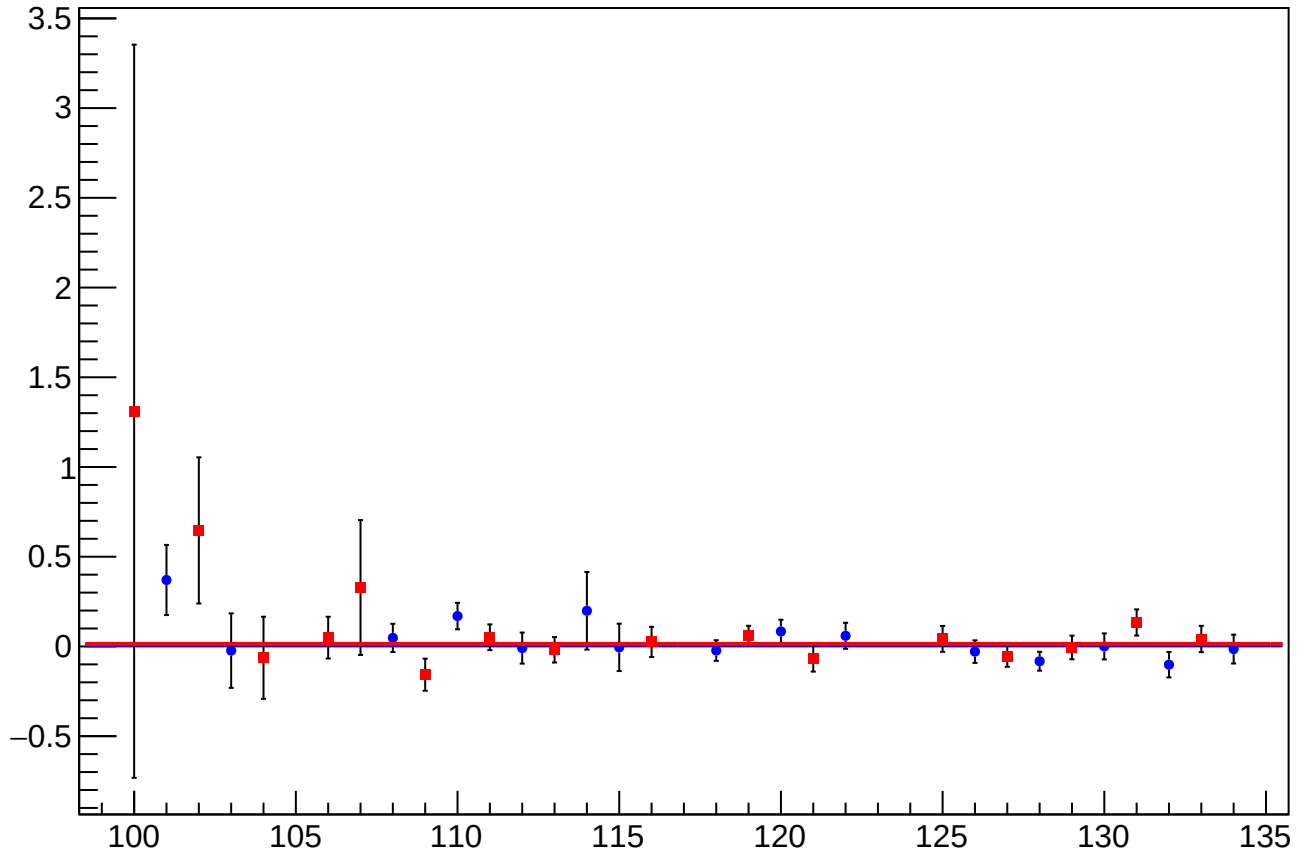
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.6/30

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.021 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

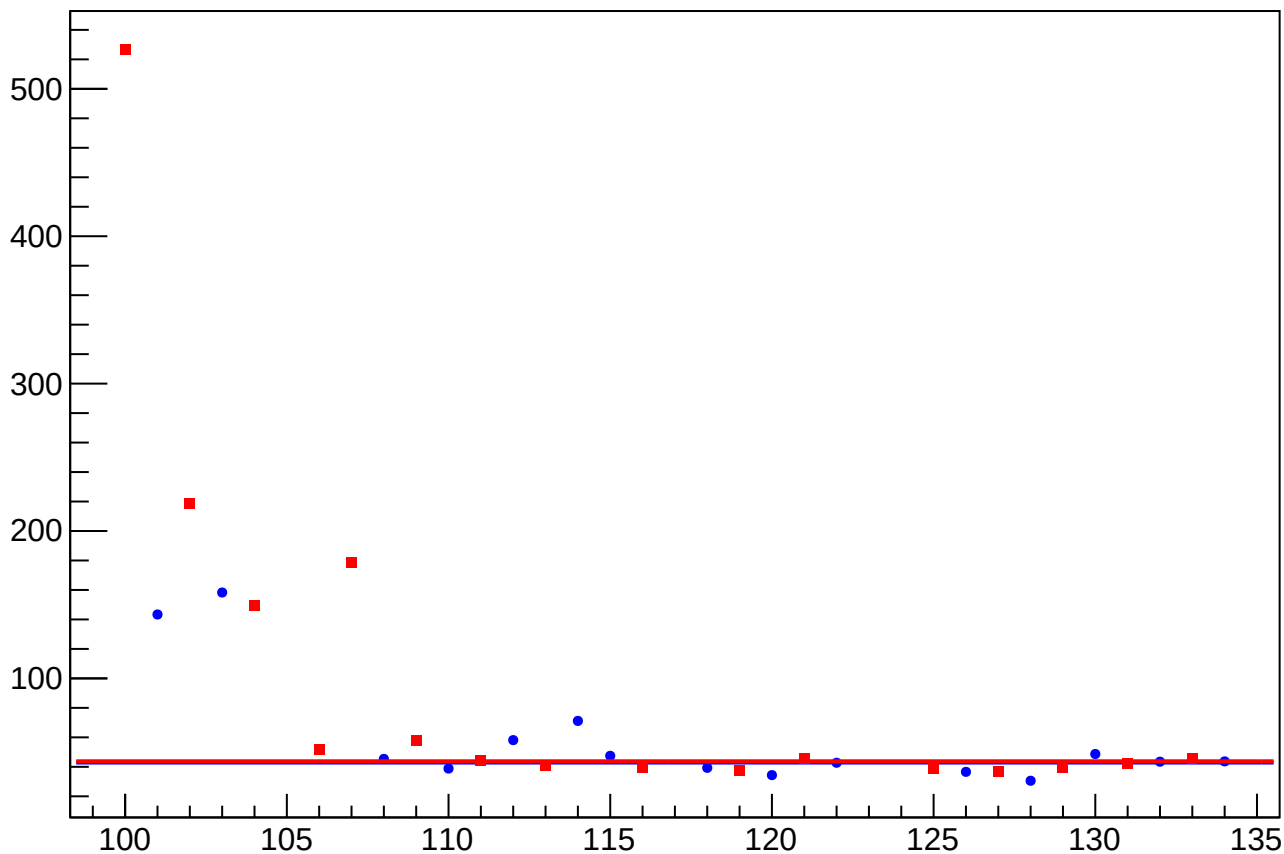
Right: 0.010+/-0.014 χ^2/NDF : 31.5/30

In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 31.5/30

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.916+/-0.014 χ^2/NDF : 1437754.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.764+/-0.015 χ^2/NDF : 1309066.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

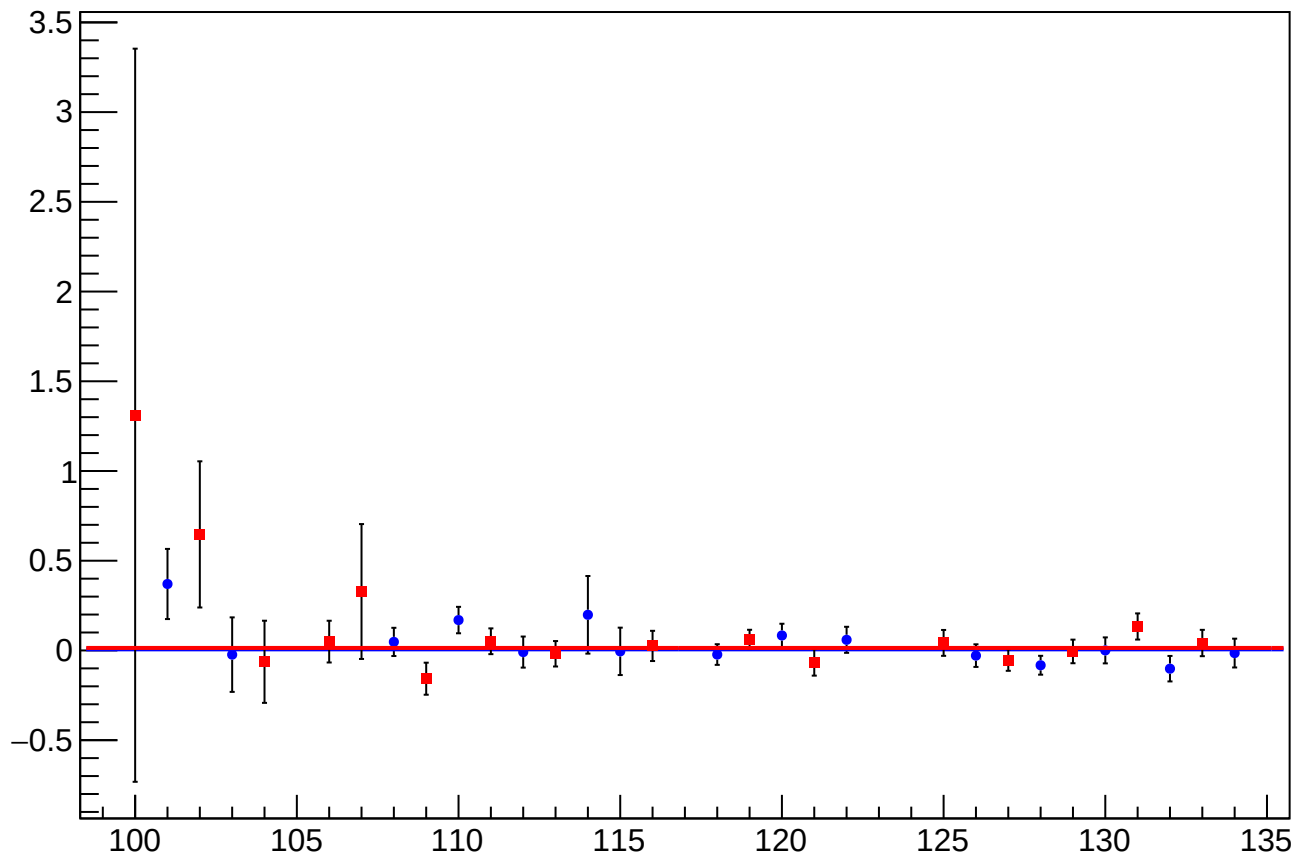
Right: 43.330+/-0.010 χ^2/NDF : 2748566.8/30

In: 42.916+/-0.014 χ^2/NDF : 1437754.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.330+/-0.010 χ^2/NDF : 2748566.8/30

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.021 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

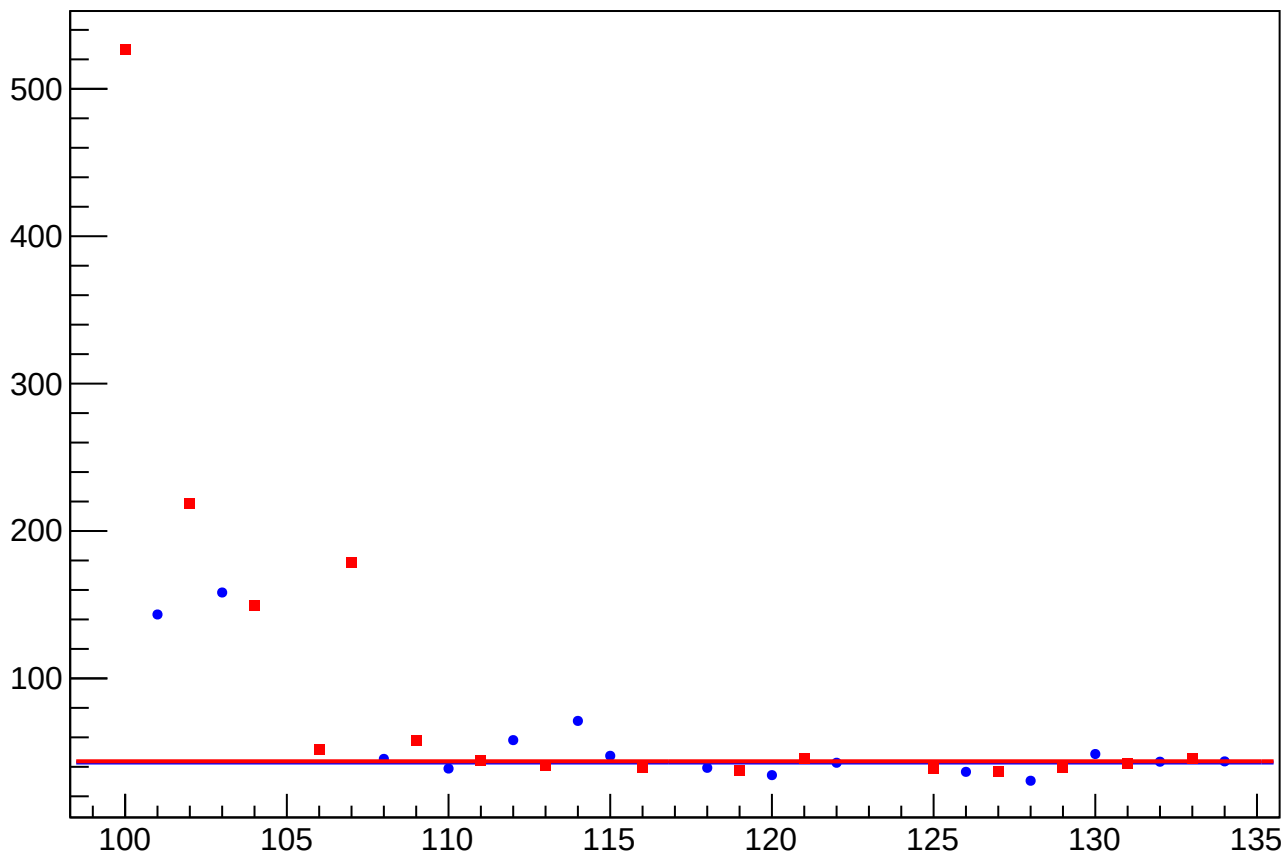
Right: 0.010+/-0.014 χ^2/NDF : 31.5/30

In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 31.5/30

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.916+/-0.014 χ^2/NDF : 1437754.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.764+/-0.015 χ^2/NDF : 1309066.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

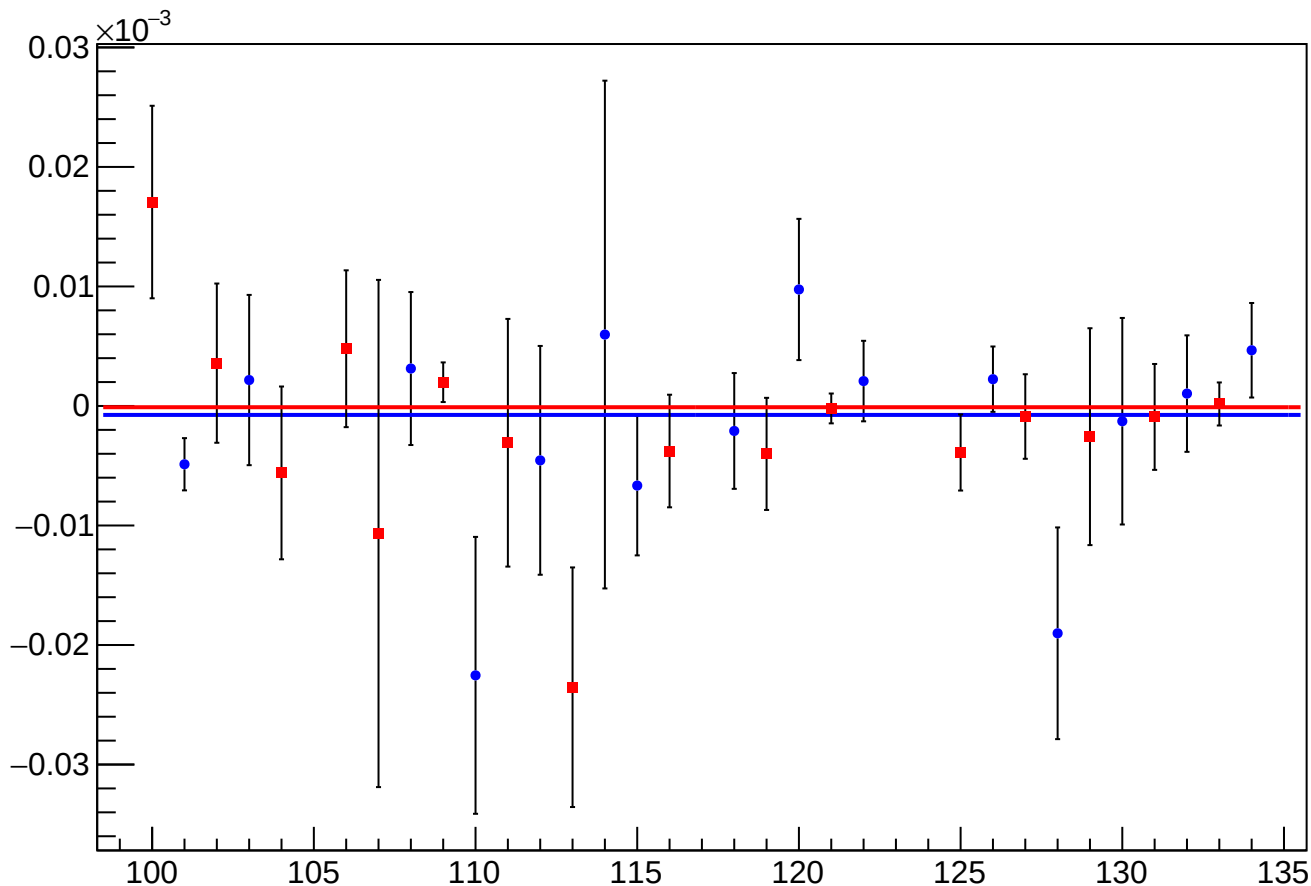
Right: 43.330+/-0.010 χ^2/NDF : 2748566.8/30

In: 42.916+/-0.014 χ^2/NDF : 1437754.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.330+/-0.010 χ^2/NDF : 2748566.8/30

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 : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

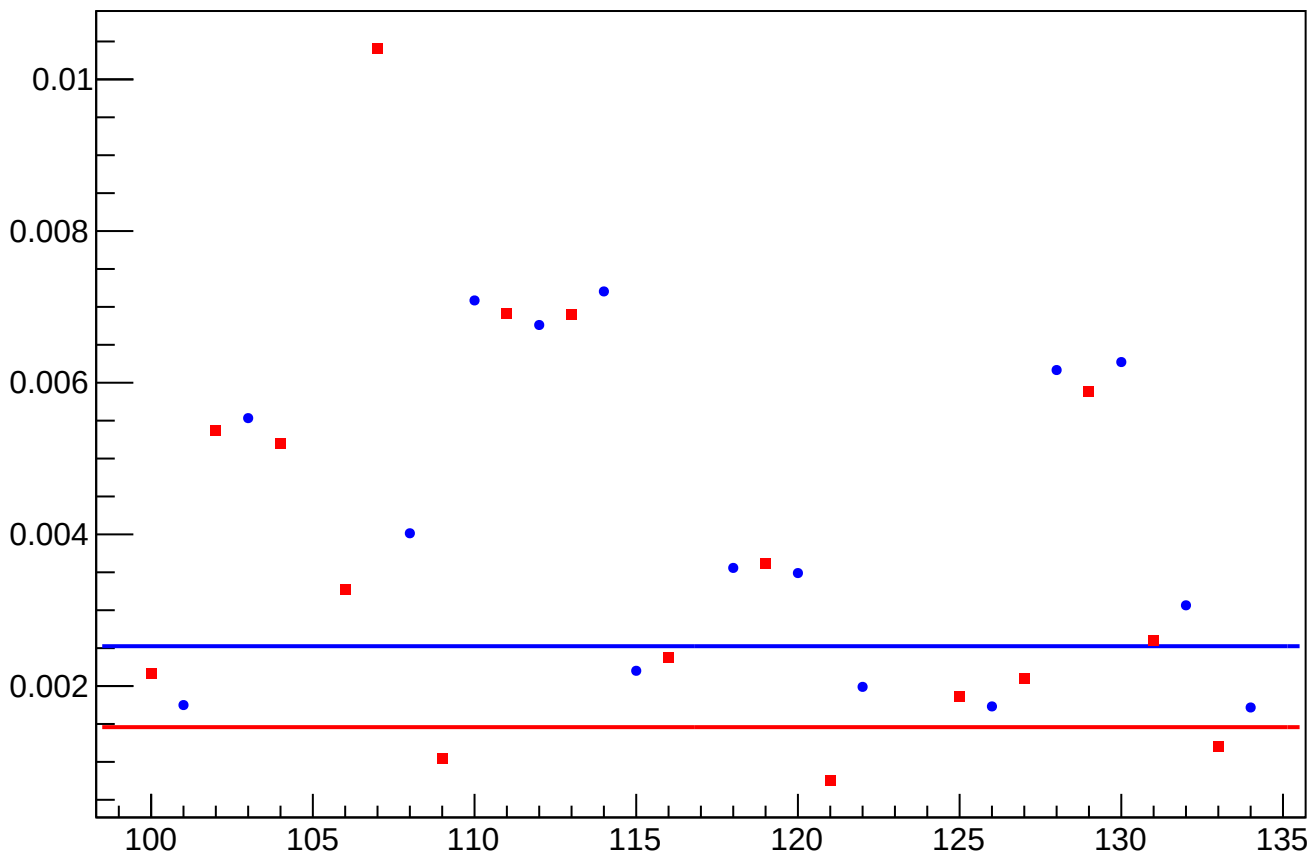
Right: -0.000+/-0.000 χ^2/NDF : 36.8/30

In: -0.000+/-0.000 χ^2/NDF : 20.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.8/30

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 : 2707571.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4905197.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

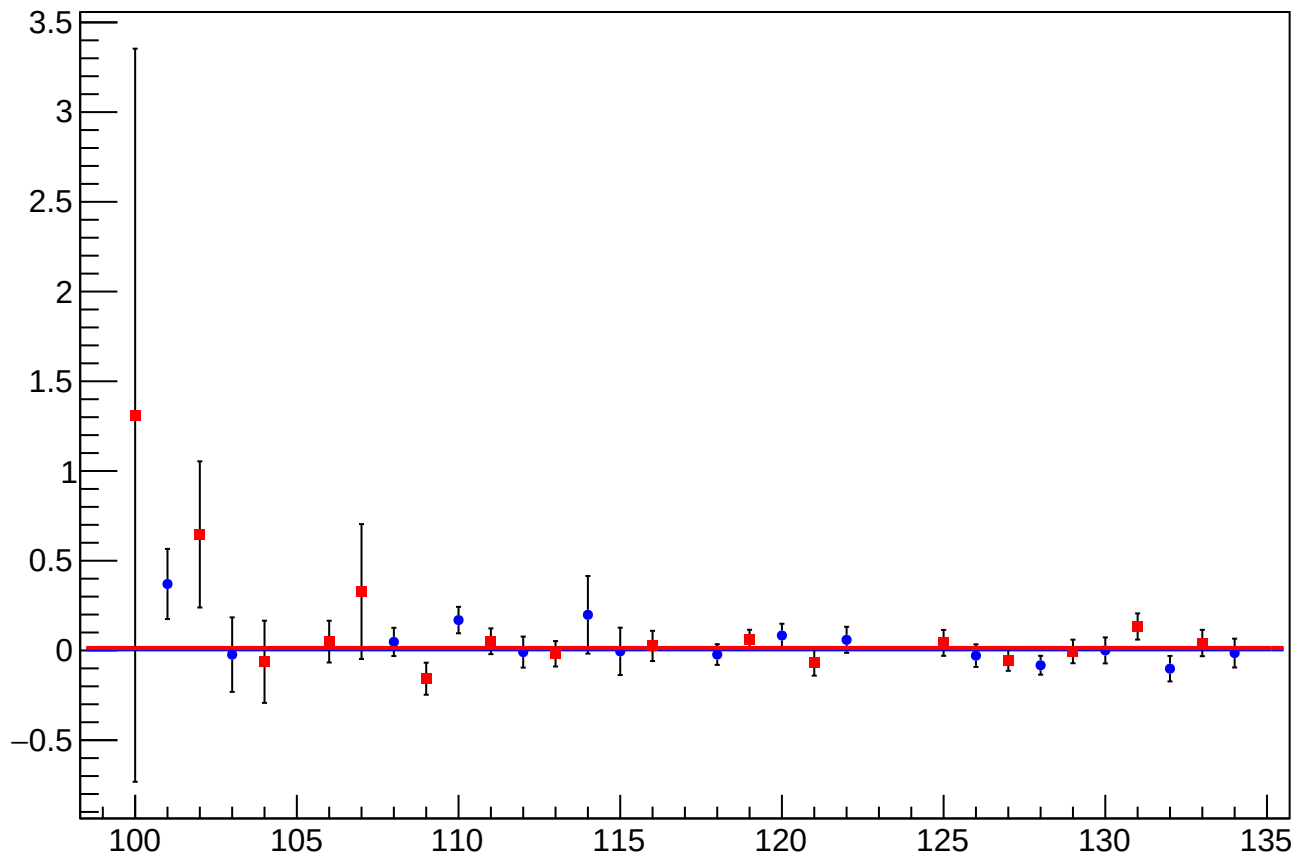
Right: 0.002+/-0.000 χ^2/NDF : 8784677.4/30

In: 0.003+/-0.000 χ^2/NDF :2707571.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8784677.4/30

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.021 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

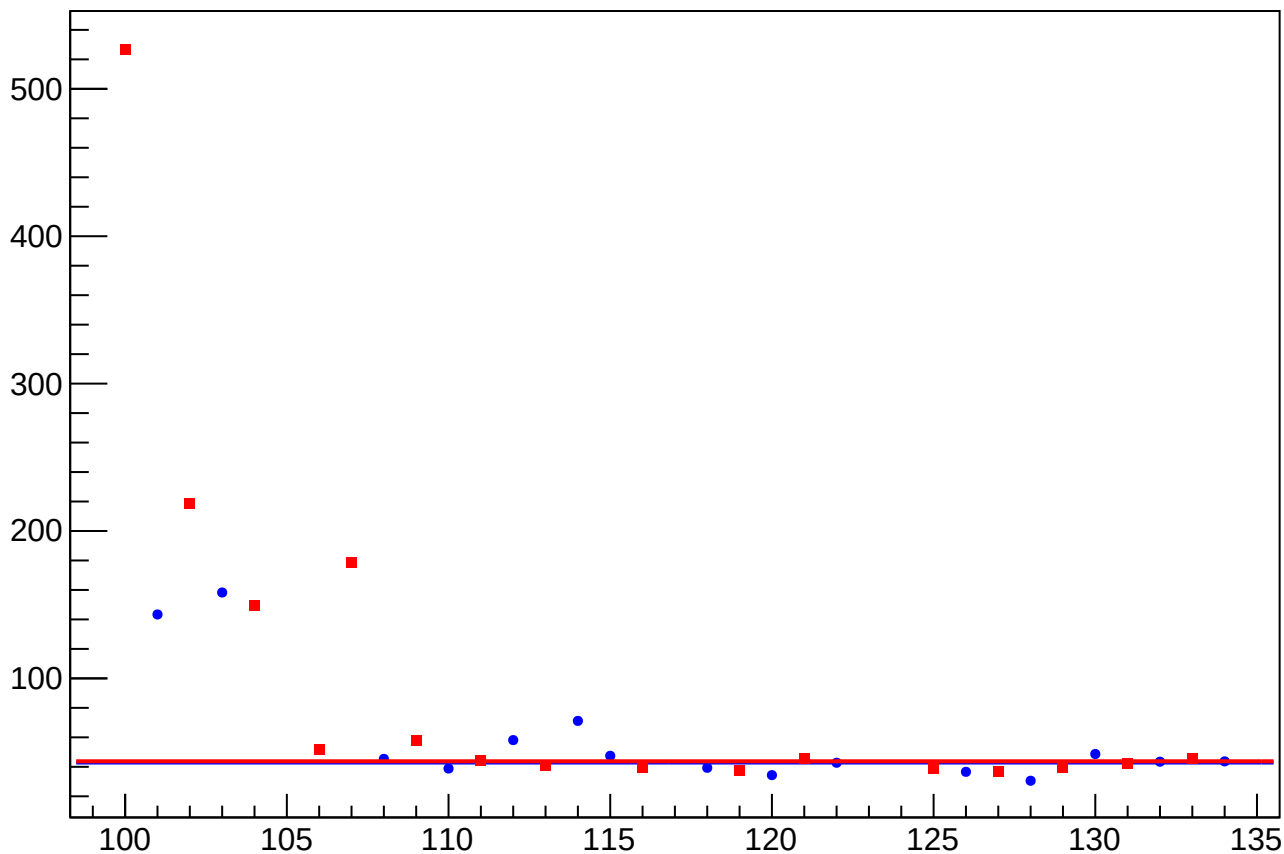
Right: 0.010+/-0.014 χ^2/NDF : 31.5/30

In: 0.006+/-0.020 χ^2/NDF : 17.2/14

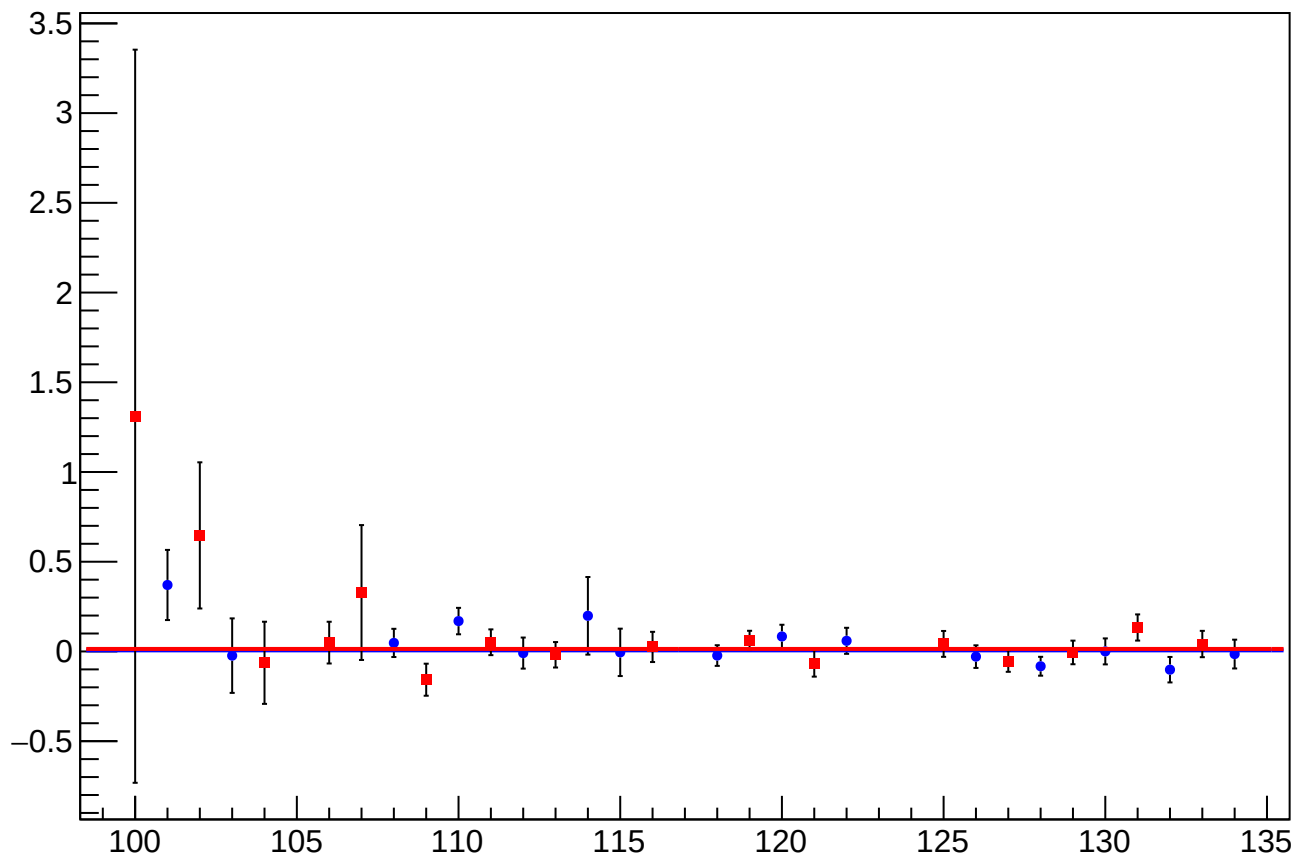
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 31.5/30

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.021 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

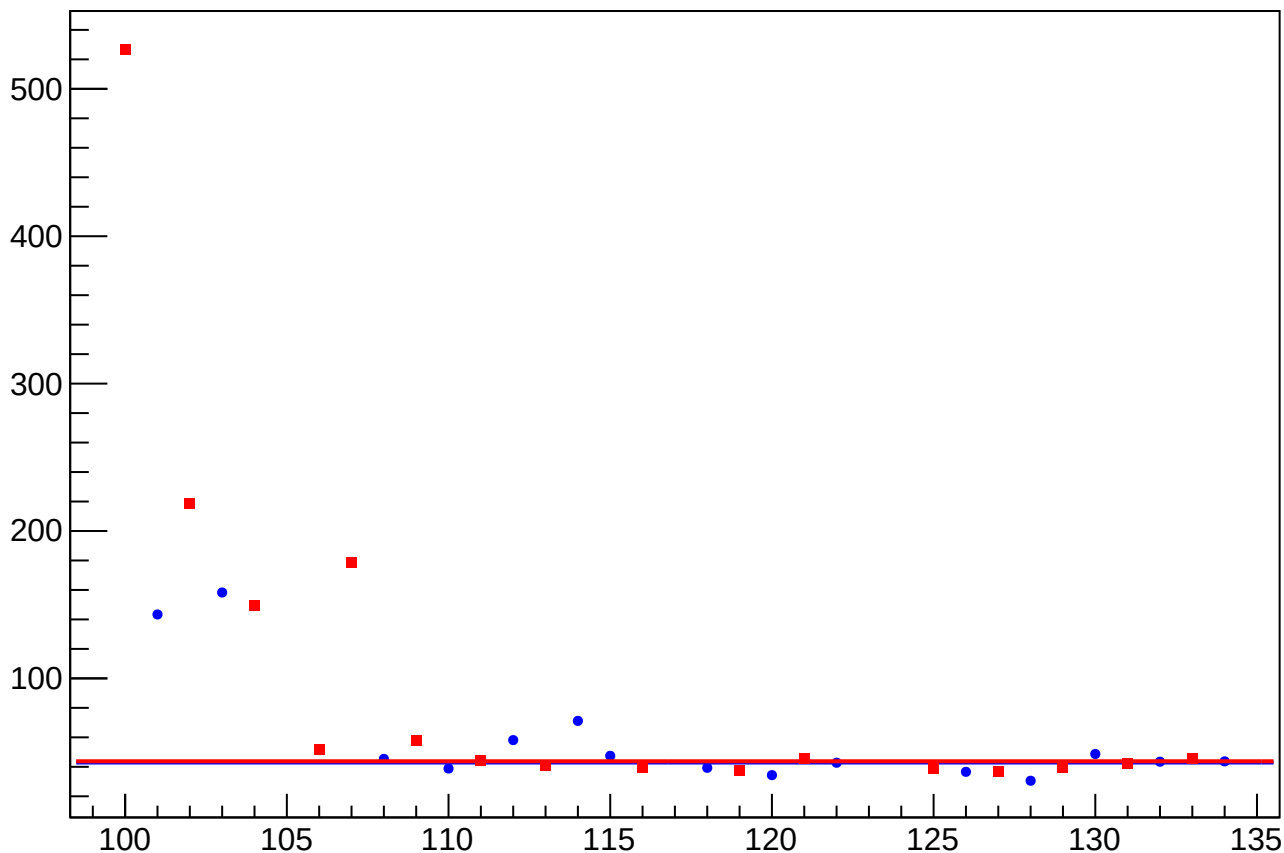
Right: 0.010+/-0.014 χ^2/NDF : 31.5/30

In: 0.006+/-0.020 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 31.5/30

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.913+/-0.014 χ^2/NDF : 1437992.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.765+/-0.015 χ^2/NDF : 1309036.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

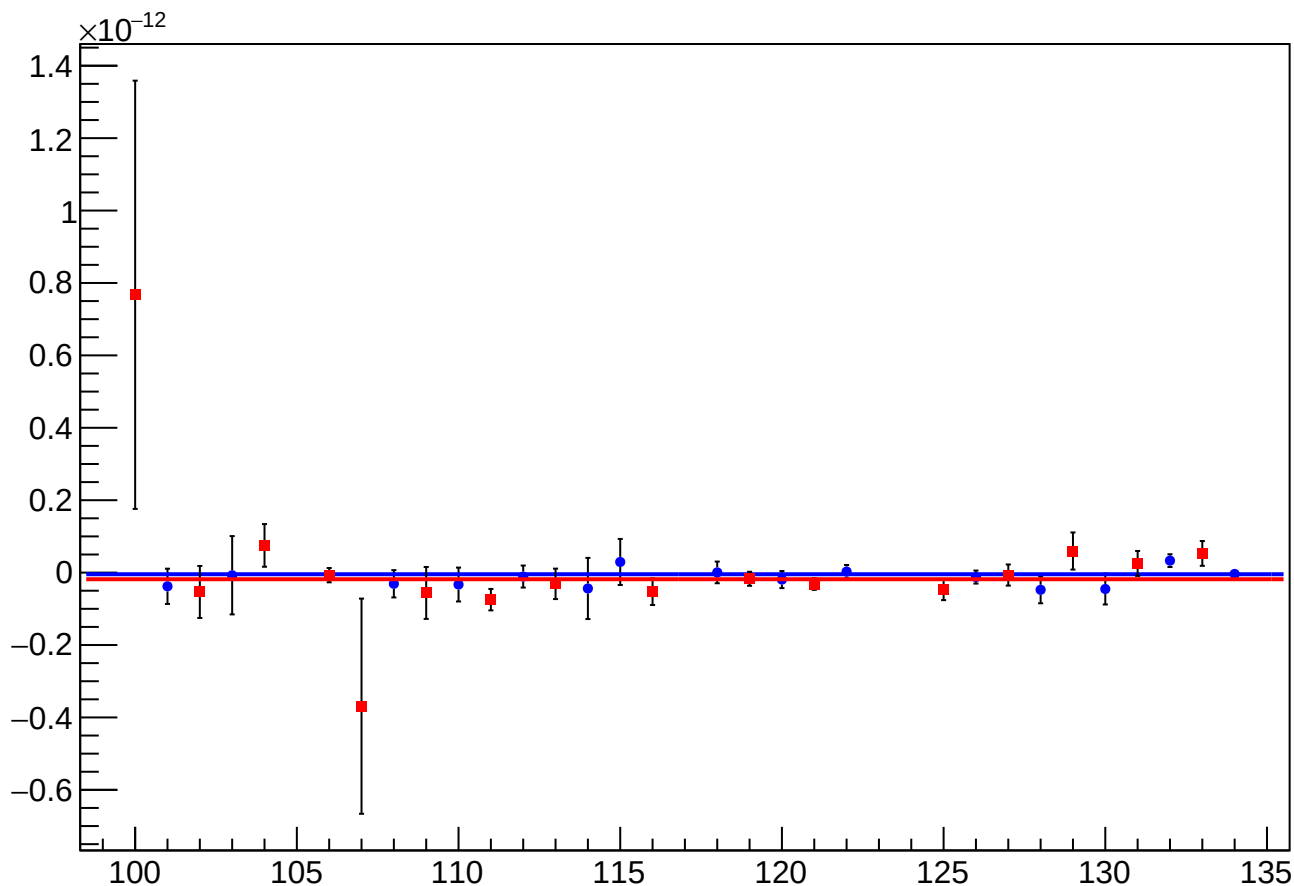
Right: 43.328+/-0.010 χ^2/NDF : 2748790.4/30

In: 42.913+/-0.014 χ^2/NDF :1437992.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.328+/-0.010 χ^2/NDF : 2748790.4/30

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.3/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

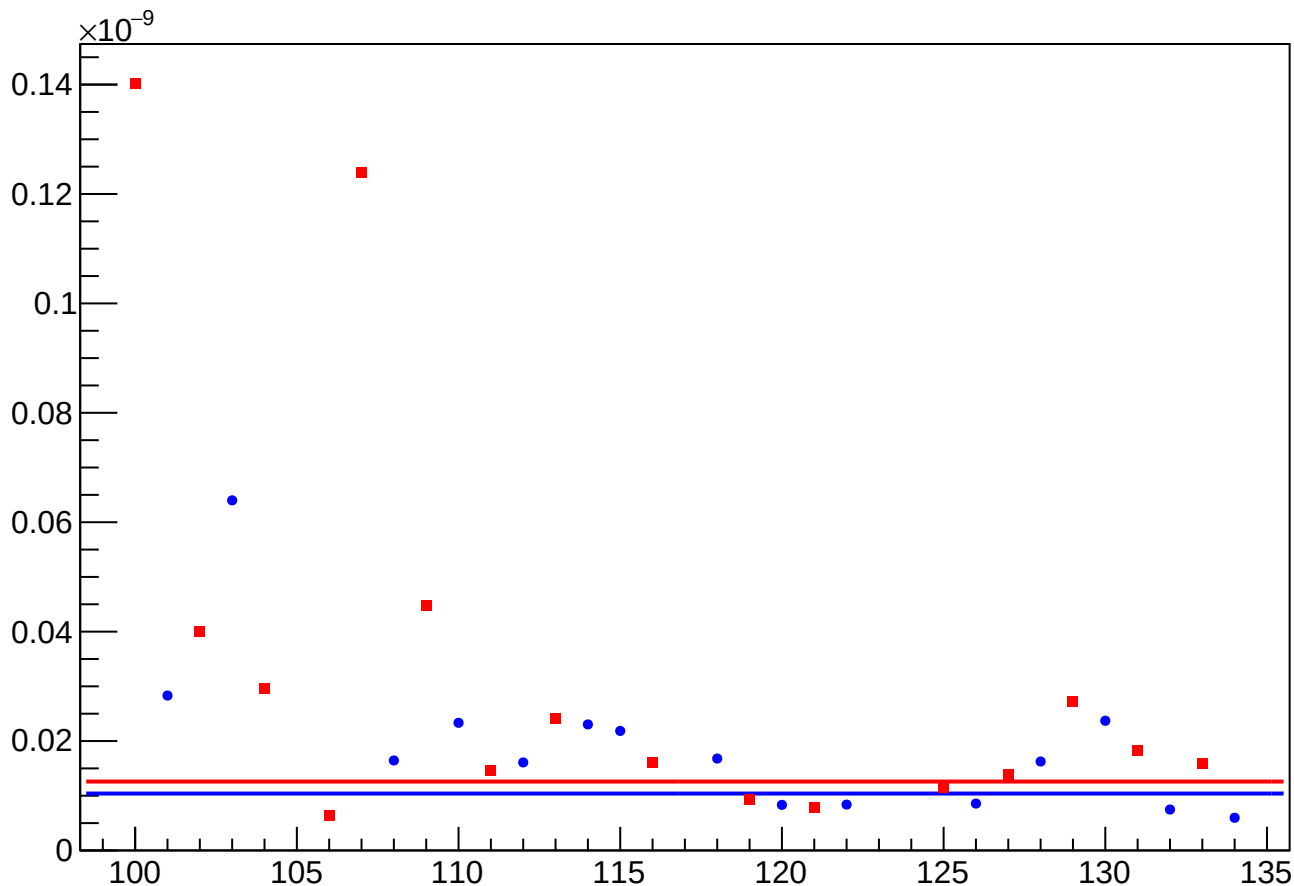
Right: -0.000+/-0.000 χ^2 /NDF: 32.5/30

In: -0.000+/-0.000 χ^2 /NDF:9.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.5/30

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 : 1833722.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2079330.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

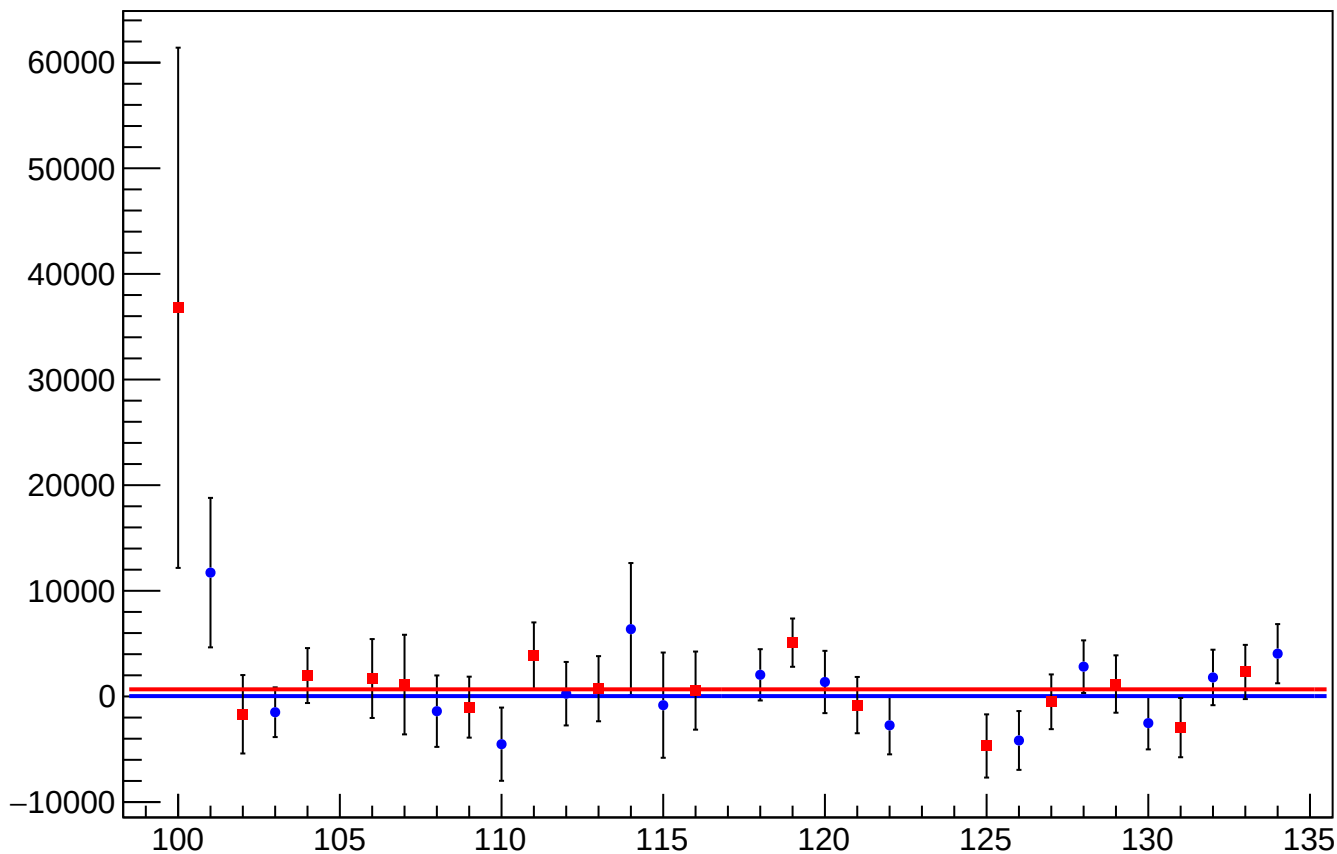
Right: 0.000+/-0.000 χ^2/NDF : 4005663.1/30

In: 0.000+/-0.000 χ^2/NDF : 1833722.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4005663.1/30

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 31.795+/-769.553 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 673.627+/-757.324 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

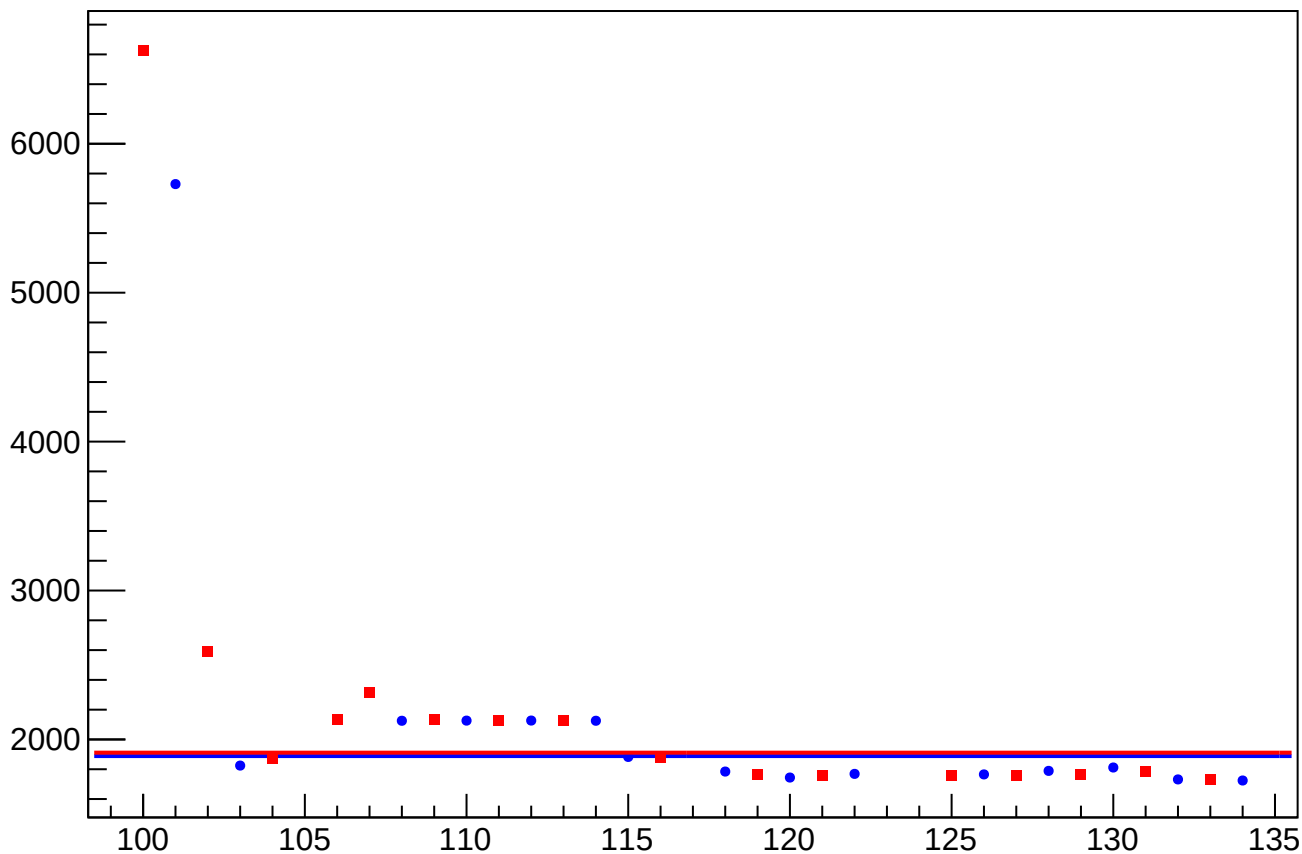
Right: 357.852+/-539.781 χ^2/NDF : 29.3/30

In: 31.795+/-769.553 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.852+/-539.781 χ^2/NDF : 29.3/30

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.441+/-0.544 χ^2/NDF : 660826.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1911.334+/-0.536 χ^2/NDF : 241256.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

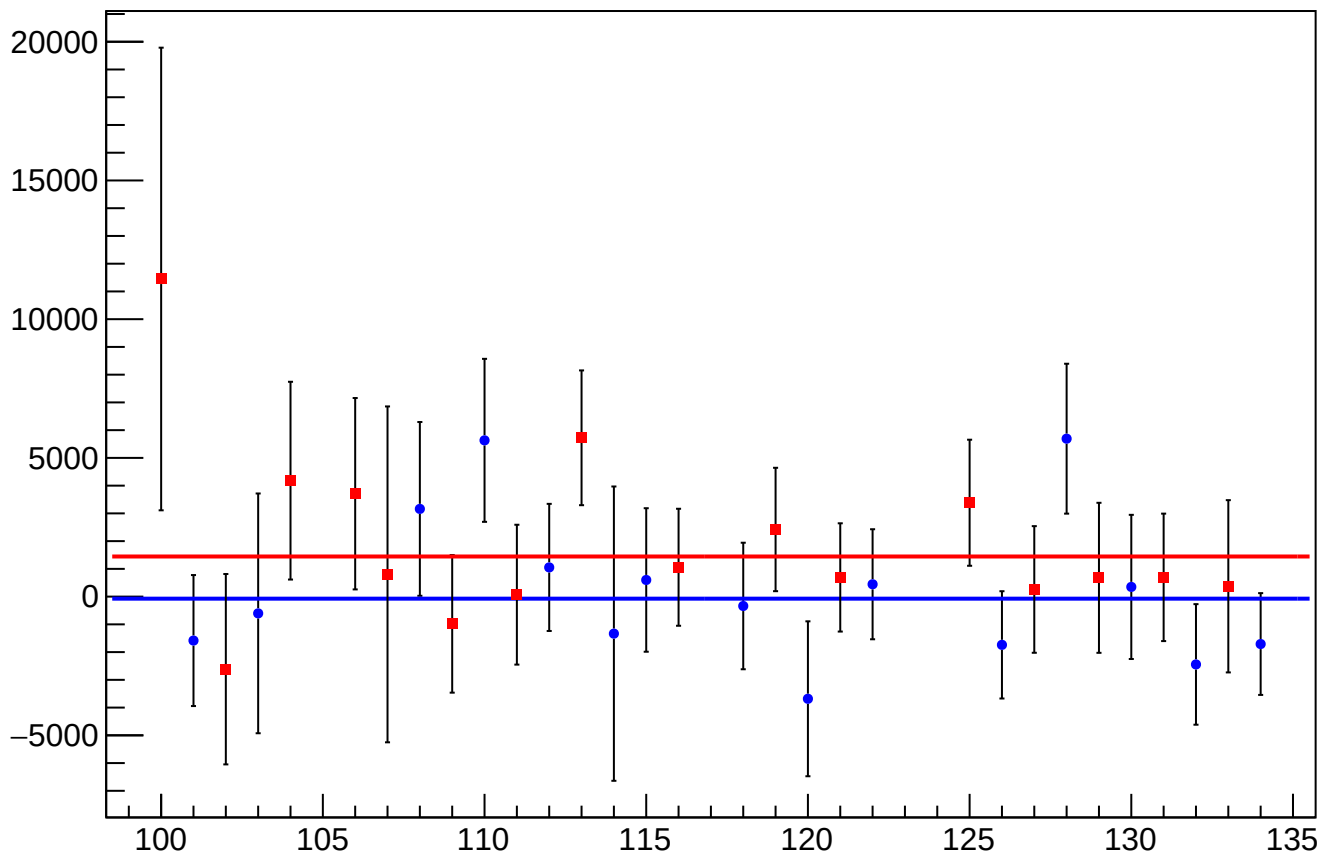
Right: 1900.071+/-0.382 χ^2/NDF : 902981.8/30

In: 1888.441+/-0.544 χ^2/NDF : 660826.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.071+/-0.382 χ^2/NDF : 902981.8/30

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -73.879 ± 637.220 χ^2/NDF : 14.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1446.079 ± 661.639 χ^2/NDF : 9.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

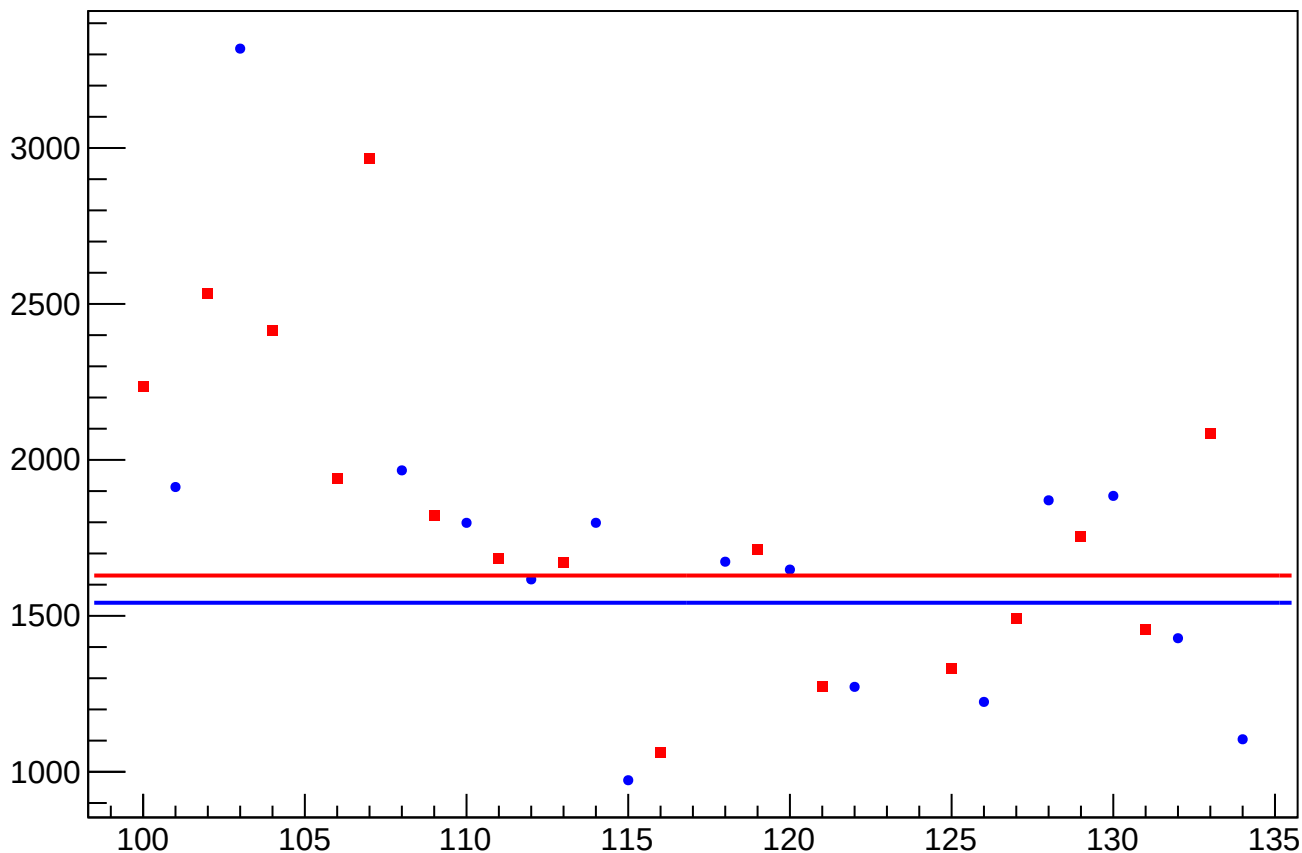
Right: 657.535 ± 458.973 χ^2/NDF : 27.3/30

In: -73.879 ± 637.220 χ^2/NDF : 14.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 657.535 ± 458.973 χ^2/NDF : 27.3/30

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1542.008+/-0.451 χ^2/NDF : 827259.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1629.304+/-0.468 χ^2/NDF : 688045.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

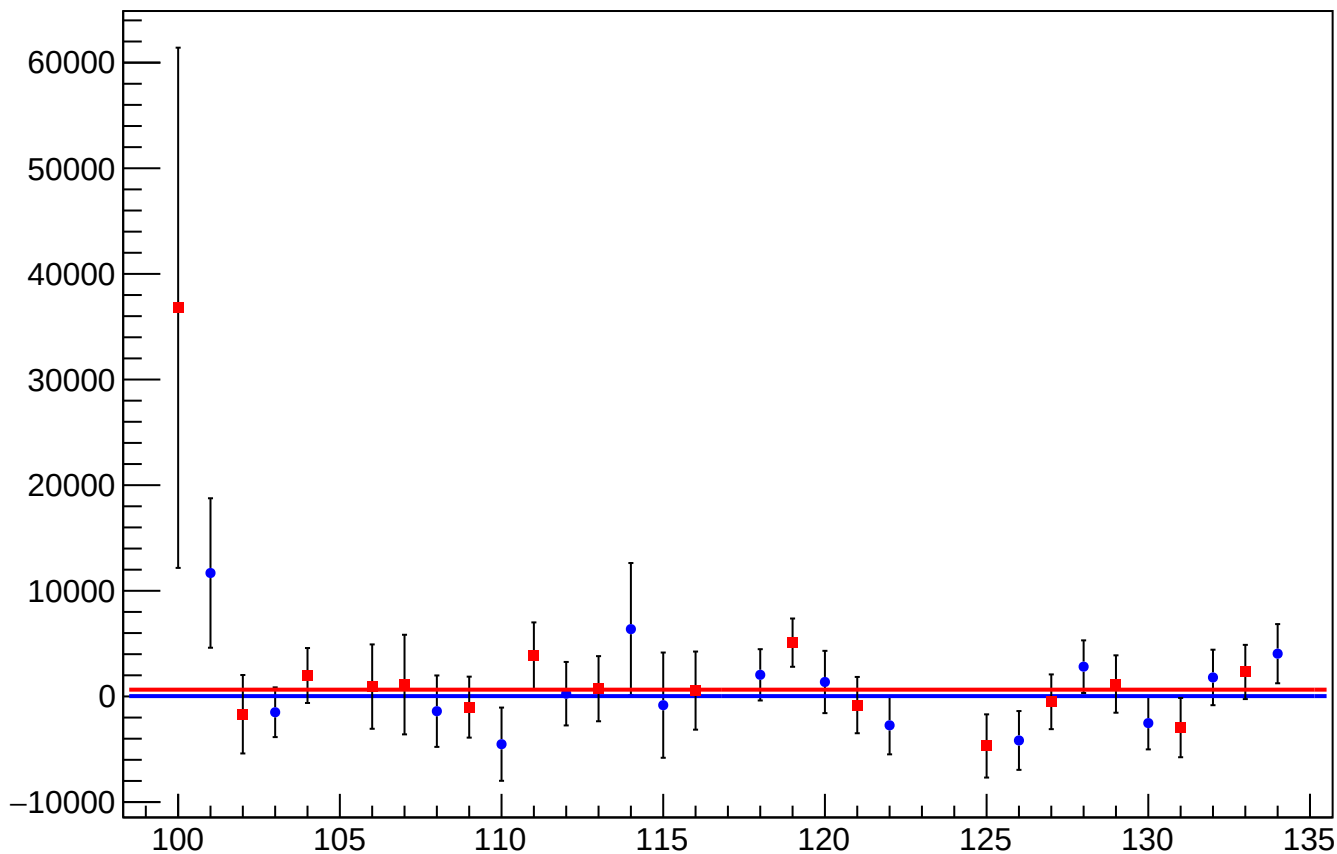
Right: 1584.016+/-0.325 χ^2/NDF : 1533367.3/30

In: 1542.008+/-0.451 χ^2/NDF : 827259.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.016+/-0.325 χ^2/NDF : 1533367.3/30

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 30.898+/-769.554 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.349+/-759.282 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

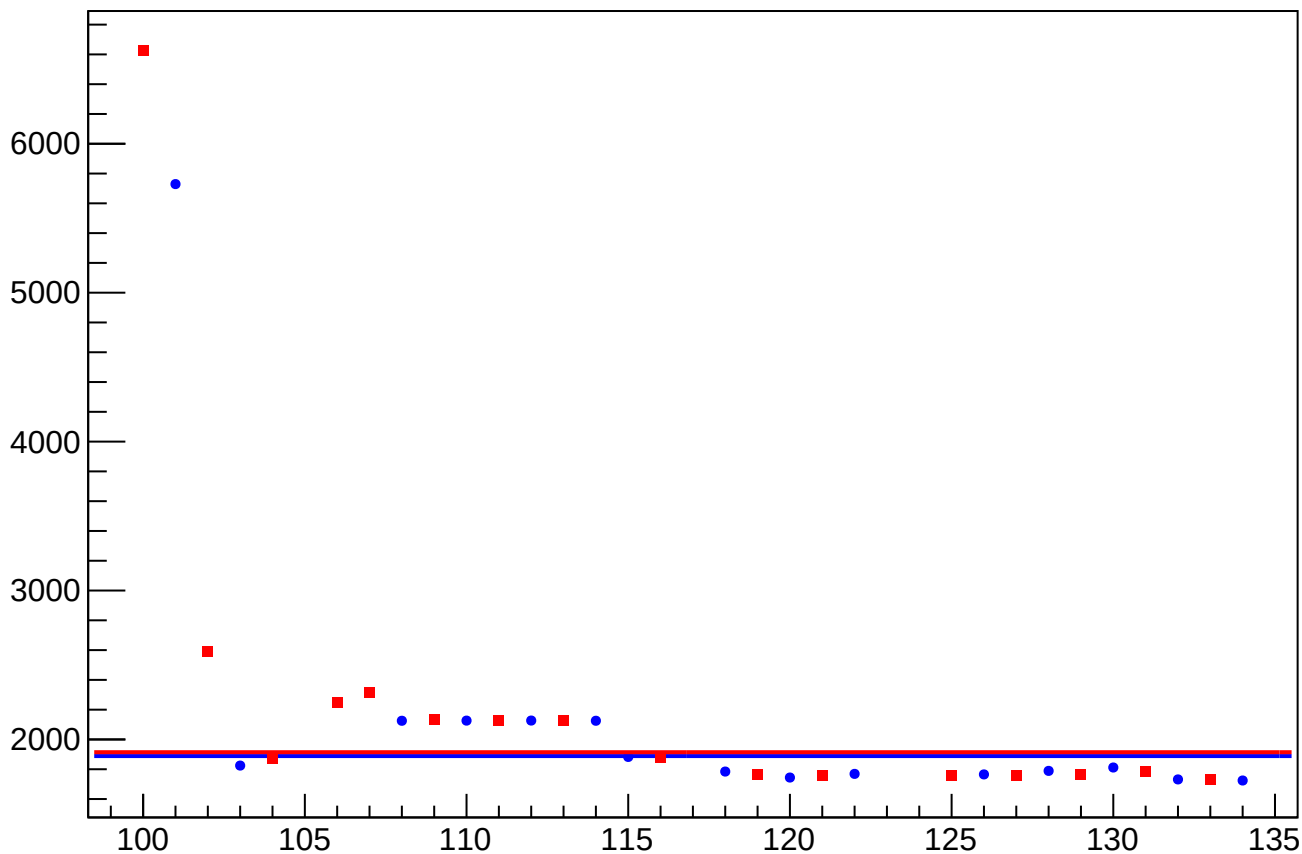
Right: 340.225+/-540.488 χ^2/NDF : 29.1/30

In: 30.898+/-769.554 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.225+/-540.488 χ^2/NDF : 29.1/30

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.441+/-0.544 χ^2/NDF : 660826.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1914.406+/-0.537 χ^2/NDF : 248522.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

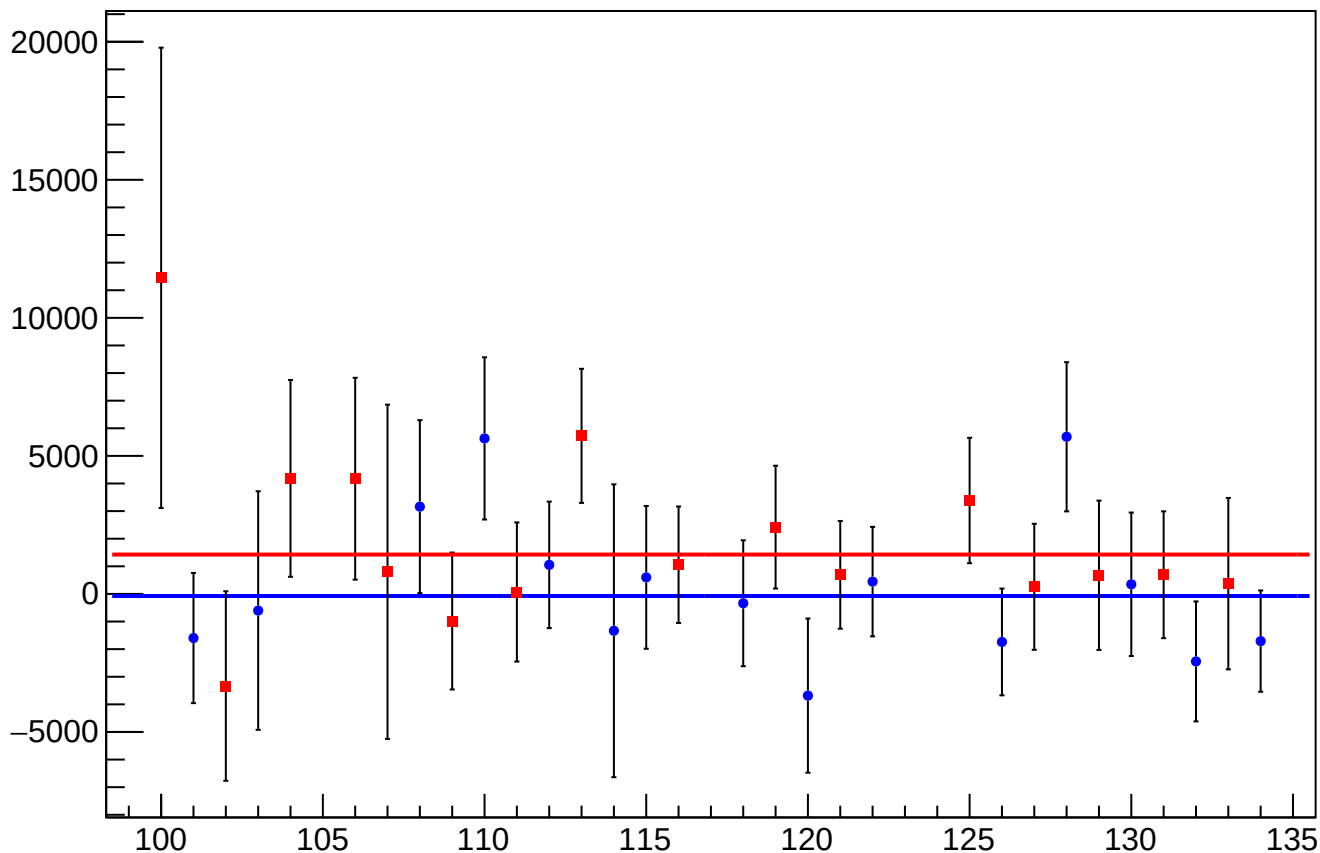
Right: 1901.598+/-0.382 χ^2/NDF : 910501.9/30

In: 1888.441+/-0.544 χ^2/NDF : 660826.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.598+/-0.382 χ^2/NDF : 910501.9/30

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.141+/-637.154 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1425.800+/-662.982 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

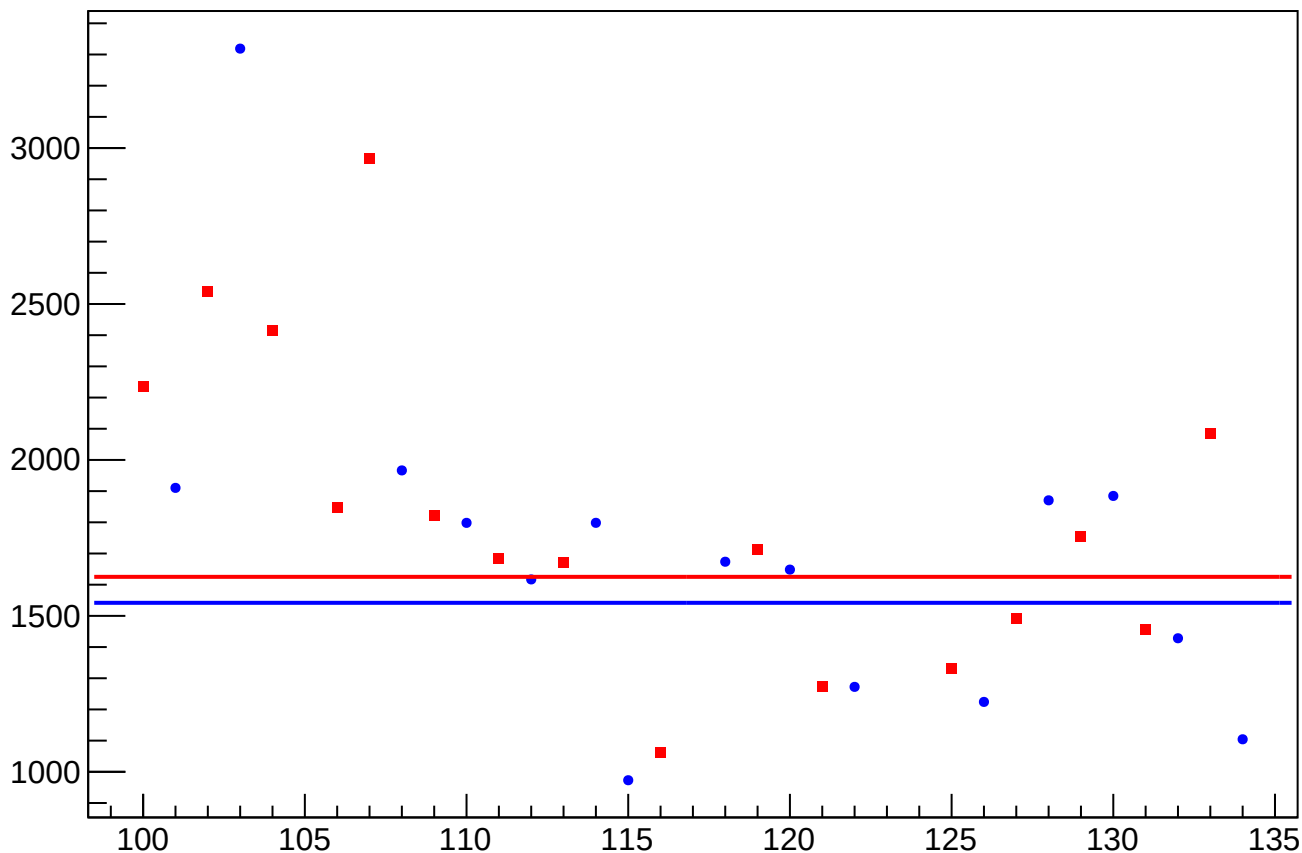
Right: 645.523+/-459.395 χ^2/NDF : 27.9/30

In: -75.141+/-637.154 χ^2/NDF : 14.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.523+/-459.395 χ^2/NDF : 27.9/30

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1541.877+/-0.451 χ^2/NDF : 826768.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1625.152+/-0.469 χ^2/NDF : 680506.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

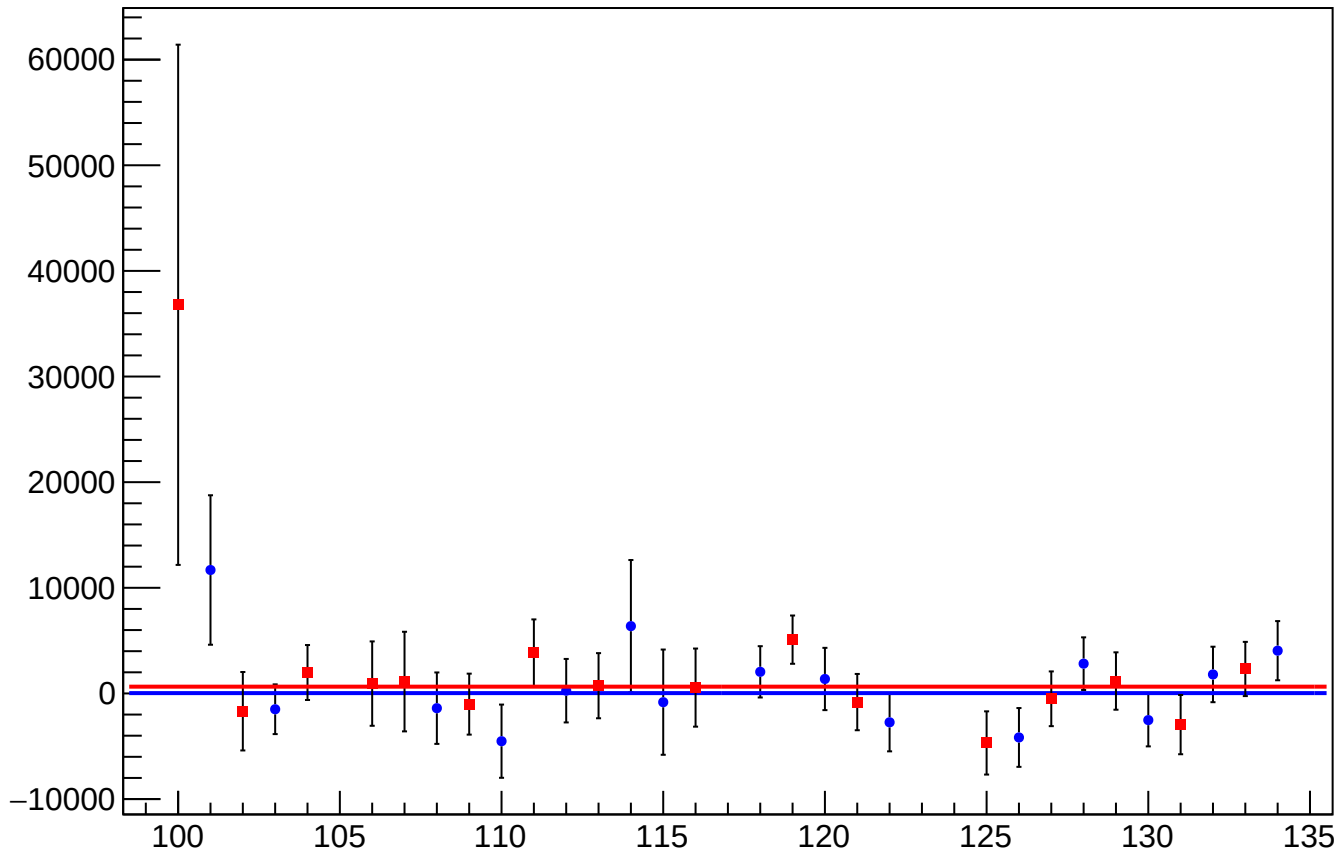
Right: 1581.861+/-0.325 χ^2/NDF : 1523679.1/30

In: 1541.877+/-0.451 χ^2/NDF : 826768.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.861+/-0.325 χ^2/NDF : 1523679.1/30

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 30.898+/-769.554 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.349+/-759.282 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

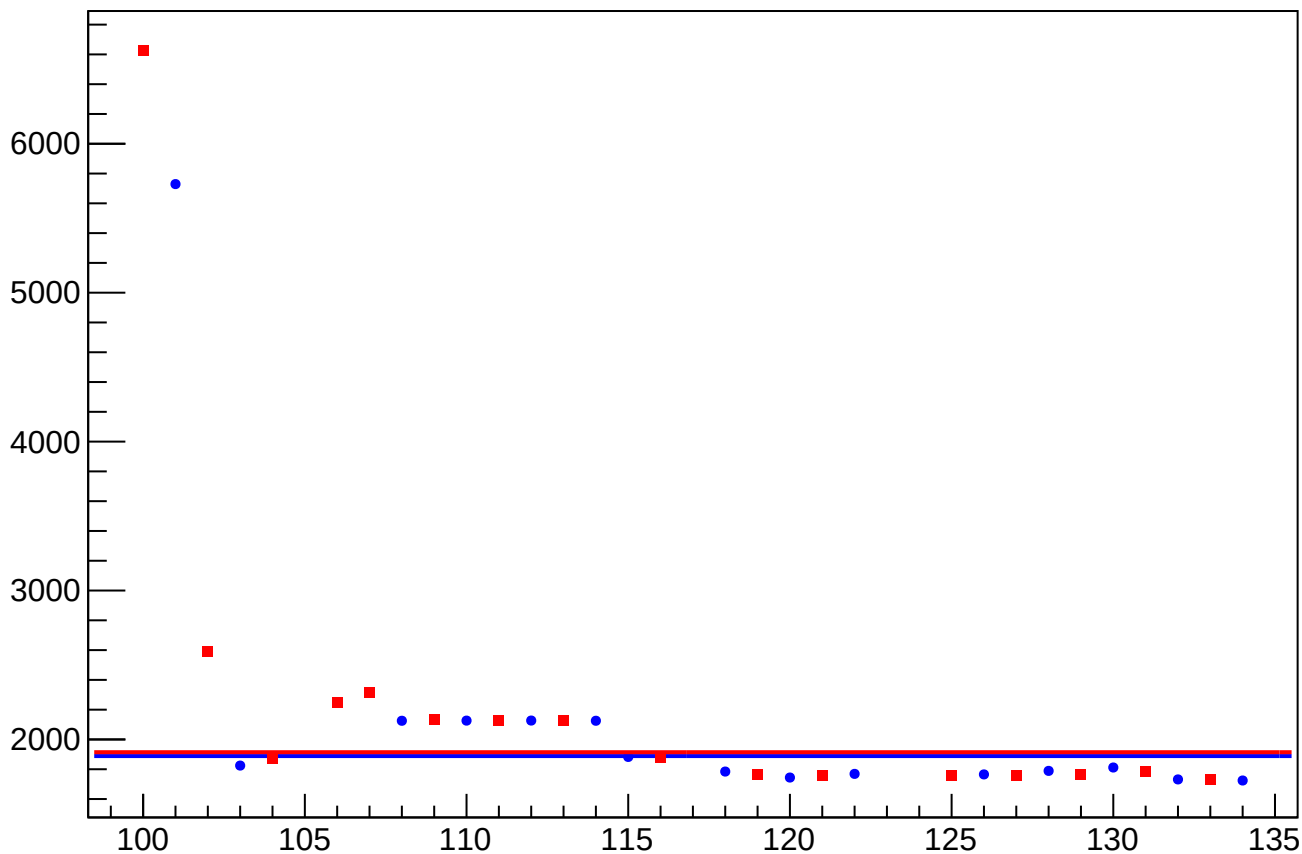
Right: 340.225+/-540.488 χ^2/NDF : 29.1/30

In: 30.898+/-769.554 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.225+/-540.488 χ^2/NDF : 29.1/30

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.441+/-0.544 χ^2/NDF : 660826.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1914.406+/-0.537 χ^2/NDF : 248522.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

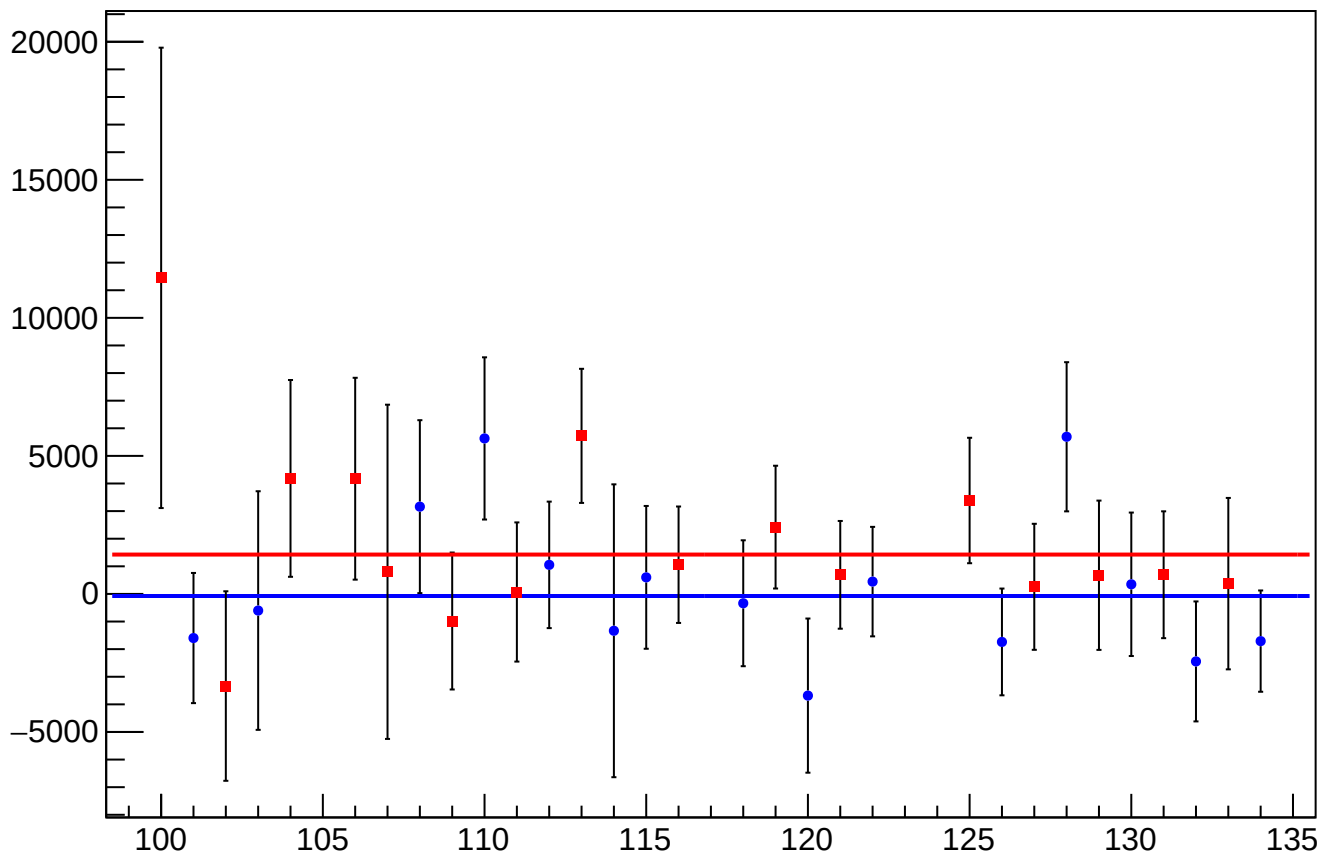
Right: 1901.598+/-0.382 χ^2/NDF : 910501.9/30

In: 1888.441+/-0.544 χ^2/NDF : 660826.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.598+/-0.382 χ^2/NDF : 910501.9/30

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.141+/-637.154 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1425.800+/-662.982 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

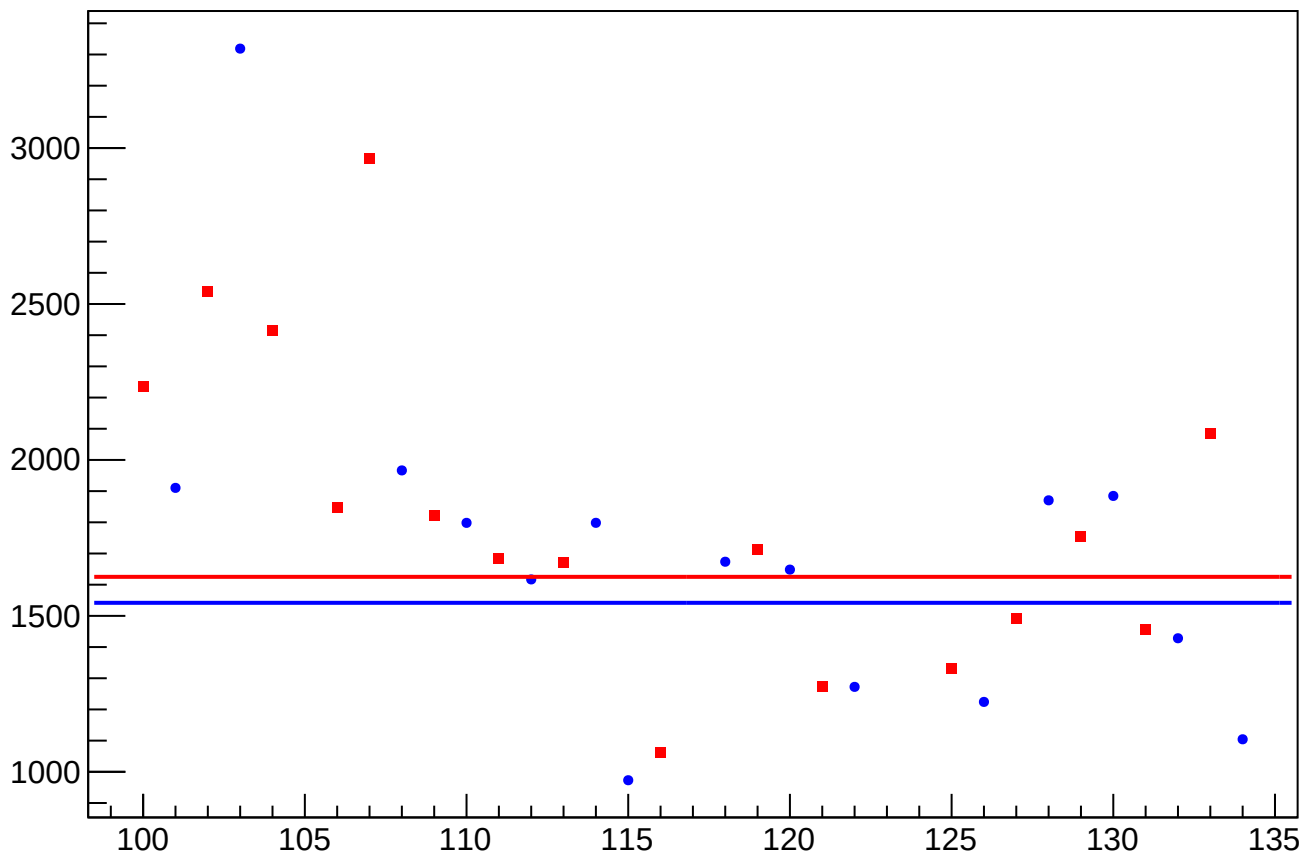
Right: 645.523+/-459.395 χ^2/NDF : 27.9/30

In: -75.141+/-637.154 χ^2/NDF : 14.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.523+/-459.395 χ^2/NDF : 27.9/30

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1541.877+/-0.451 χ^2/NDF : 826768.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1625.152+/-0.469 χ^2/NDF : 680506.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

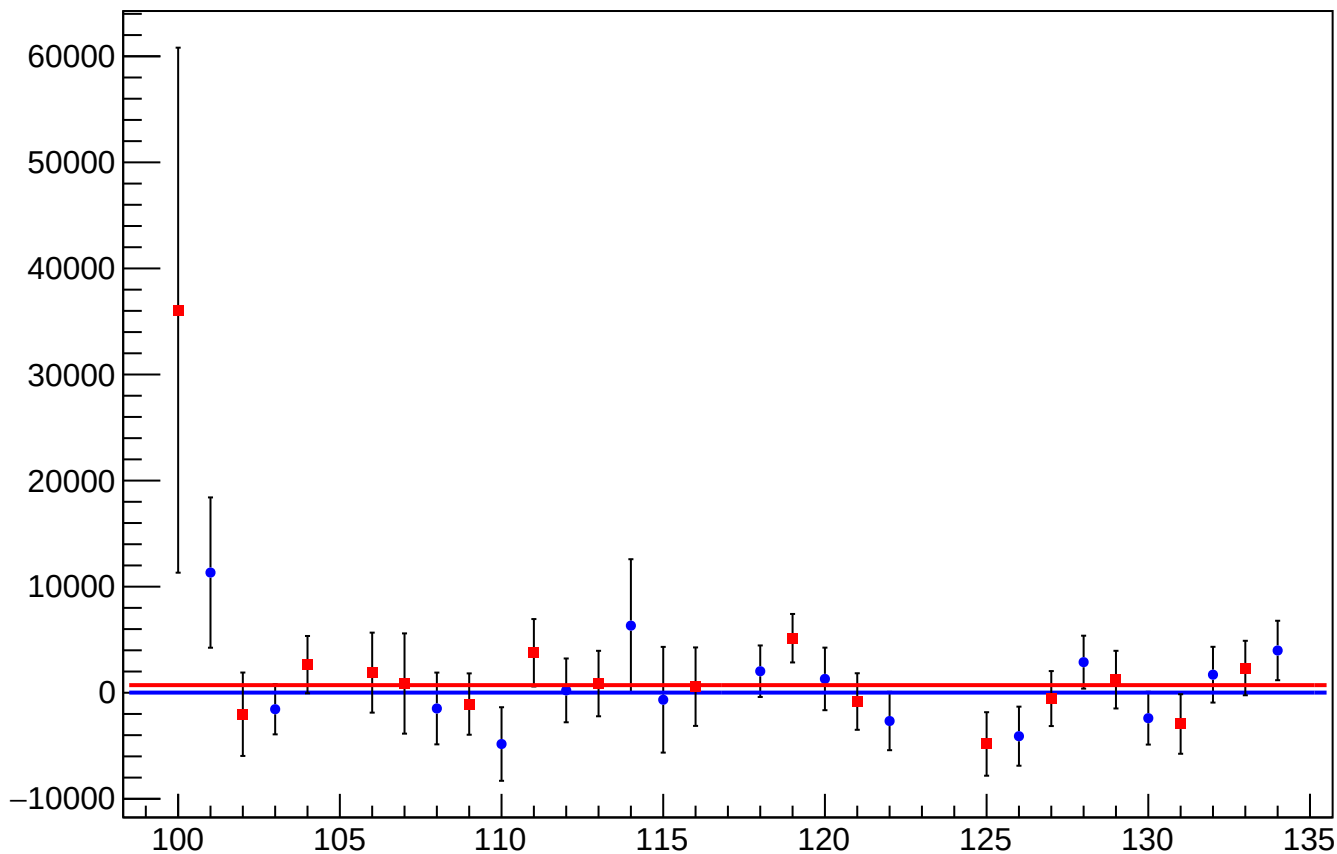
Right: 1581.861+/-0.325 χ^2/NDF : 1523679.1/30

In: 1541.877+/-0.451 χ^2/NDF : 826768.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.861+/-0.325 χ^2/NDF : 1523679.1/30

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 13.496+/-770.550 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.120+/-762.064 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

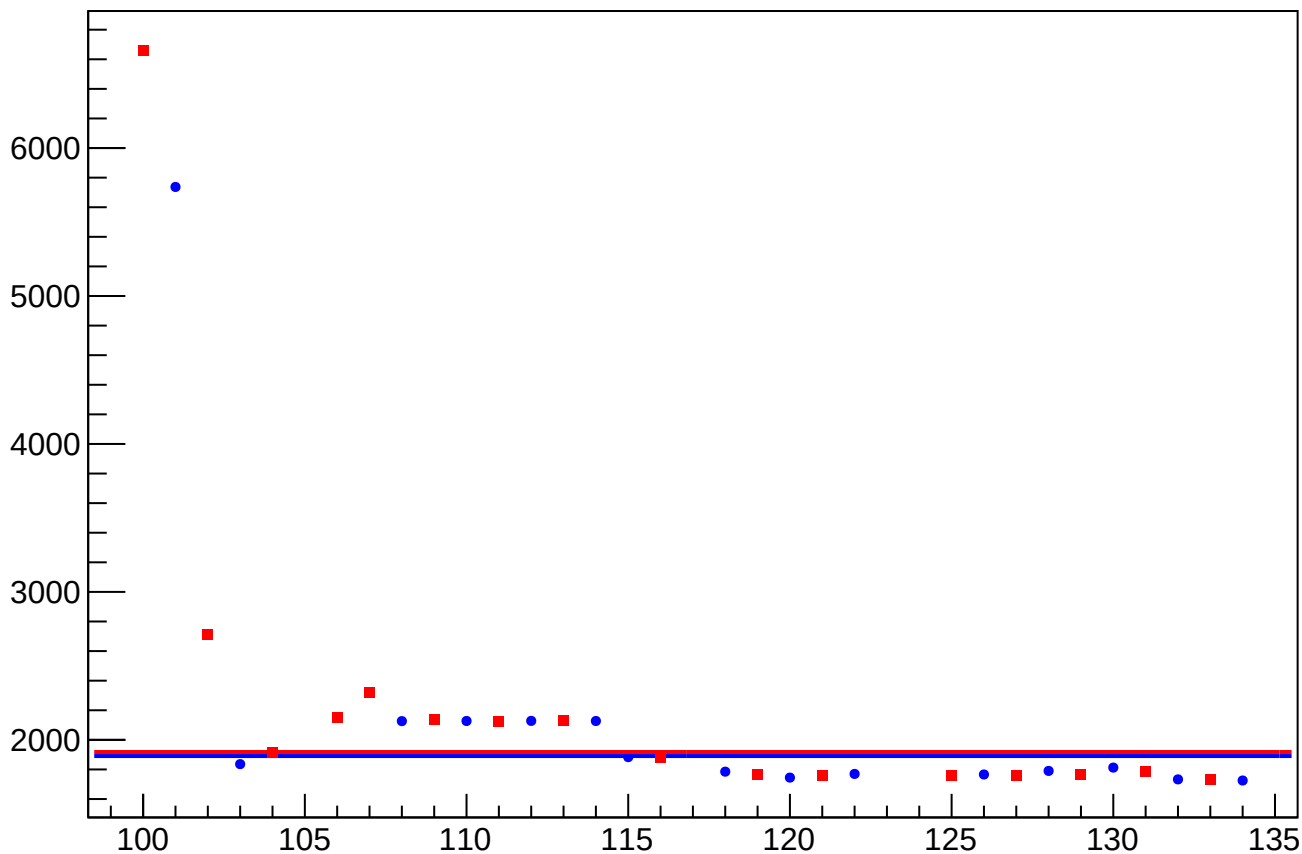
Right: 369.204+/-541.836 χ^2/NDF : 29.6/30

In: 13.496+/-770.550 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.204+/-541.836 χ^2/NDF : 29.6/30

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1890.554+/-0.545 χ^2/NDF : 660924.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1917.947+/-0.539 χ^2/NDF : 258116.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

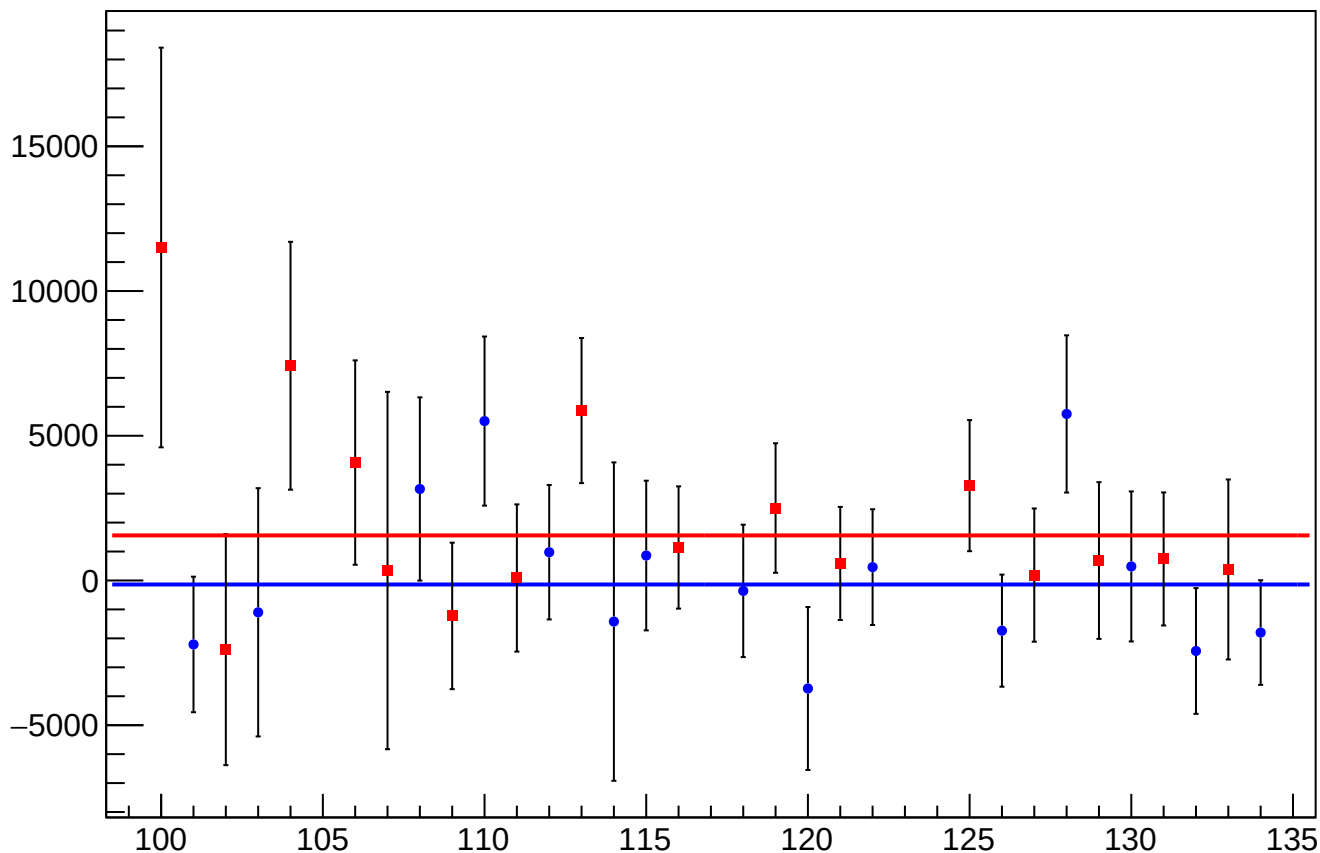
Right: 1904.402+/-0.383 χ^2/NDF : 920319.4/30

In: 1890.554+/-0.545 χ^2/NDF : 660924.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.402+/-0.383 χ^2/NDF : 920319.4/30

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -138.645 $\pm$ 637.845 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1556.712 $\pm$ 672.127 χ^2 /NDF: 11.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

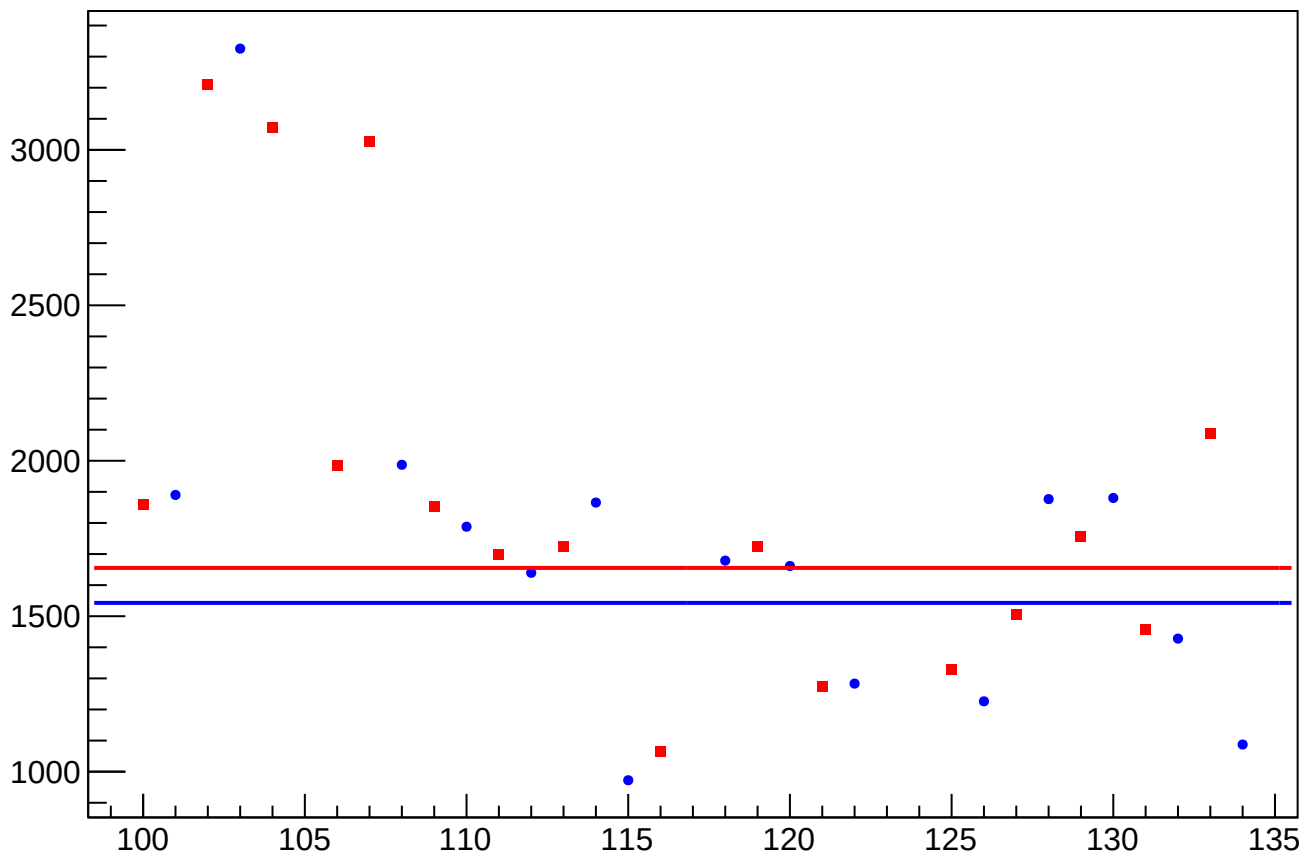
Right: 664.696 $\pm$ 462.670 χ^2 /NDF: 30.3/30

In: -138.645 $\pm$ 637.845 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 664.696 $\pm$ 462.670 χ^2 /NDF: 30.3/30

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1542.883+/-0.451 χ^2/NDF : 845213.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1655.337+/-0.475 χ^2/NDF : 995259.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

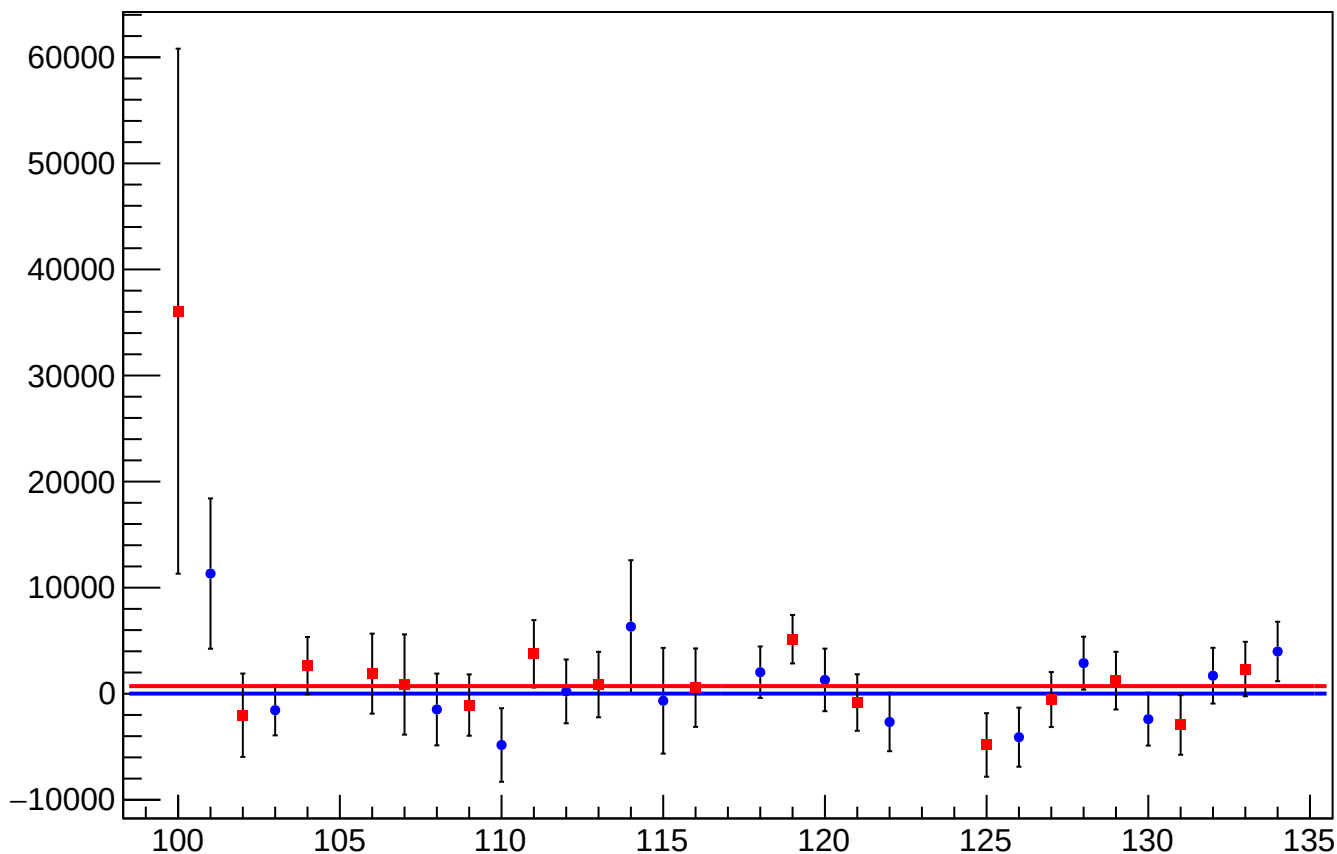
Right: 1596.169+/-0.327 χ^2/NDF : 1869929.6/30

In: 1542.883+/-0.451 χ^2/NDF : 845213.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.169+/-0.327 χ^2/NDF : 1869929.6/30

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 13.496+/-770.550 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.119+/-762.064 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

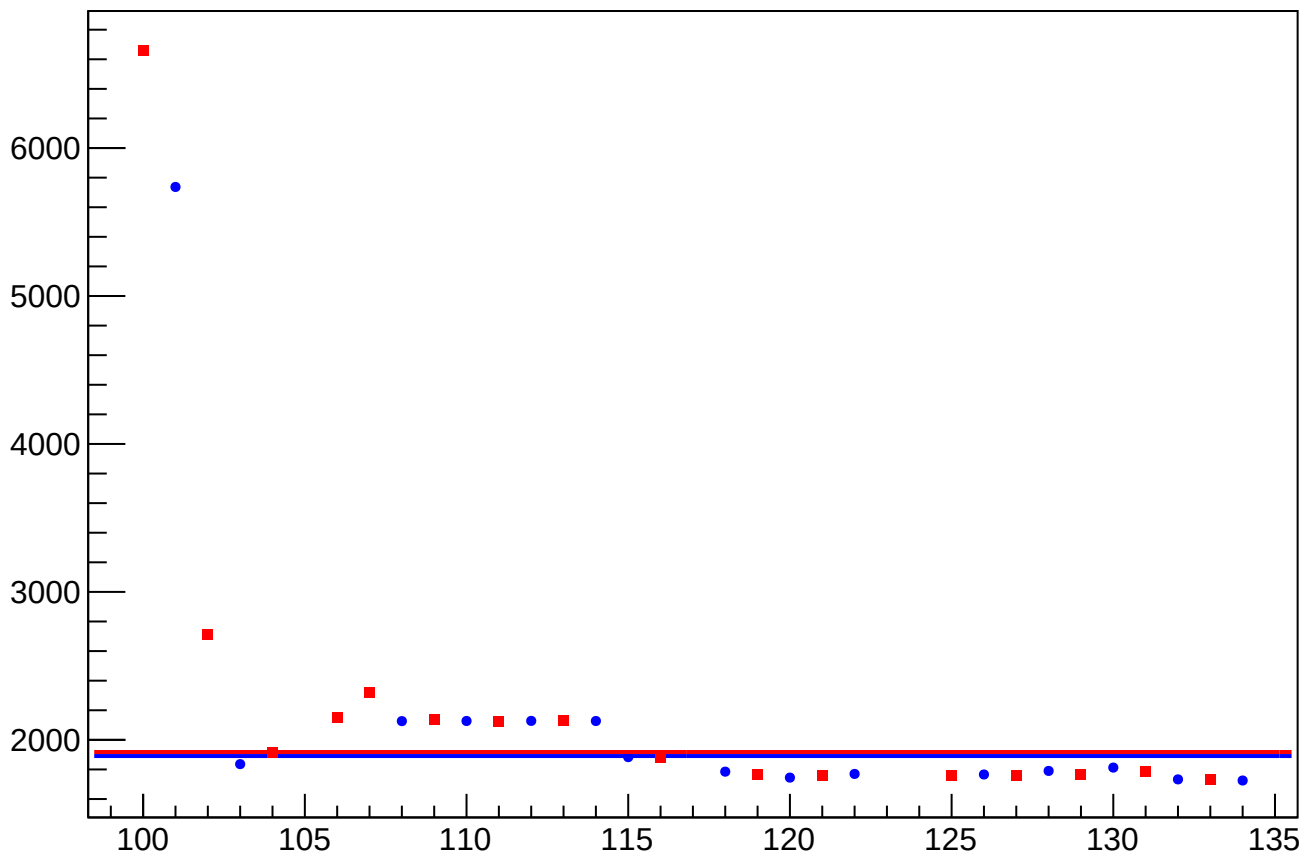
Right: 369.203+/-541.836 χ^2/NDF : 29.6/30

In: 13.496+/-770.550 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.203+/-541.836 χ^2/NDF : 29.6/30

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1890.554+/-0.545 χ^2/NDF : 660924.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1917.947+/-0.539 χ^2/NDF : 258116.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

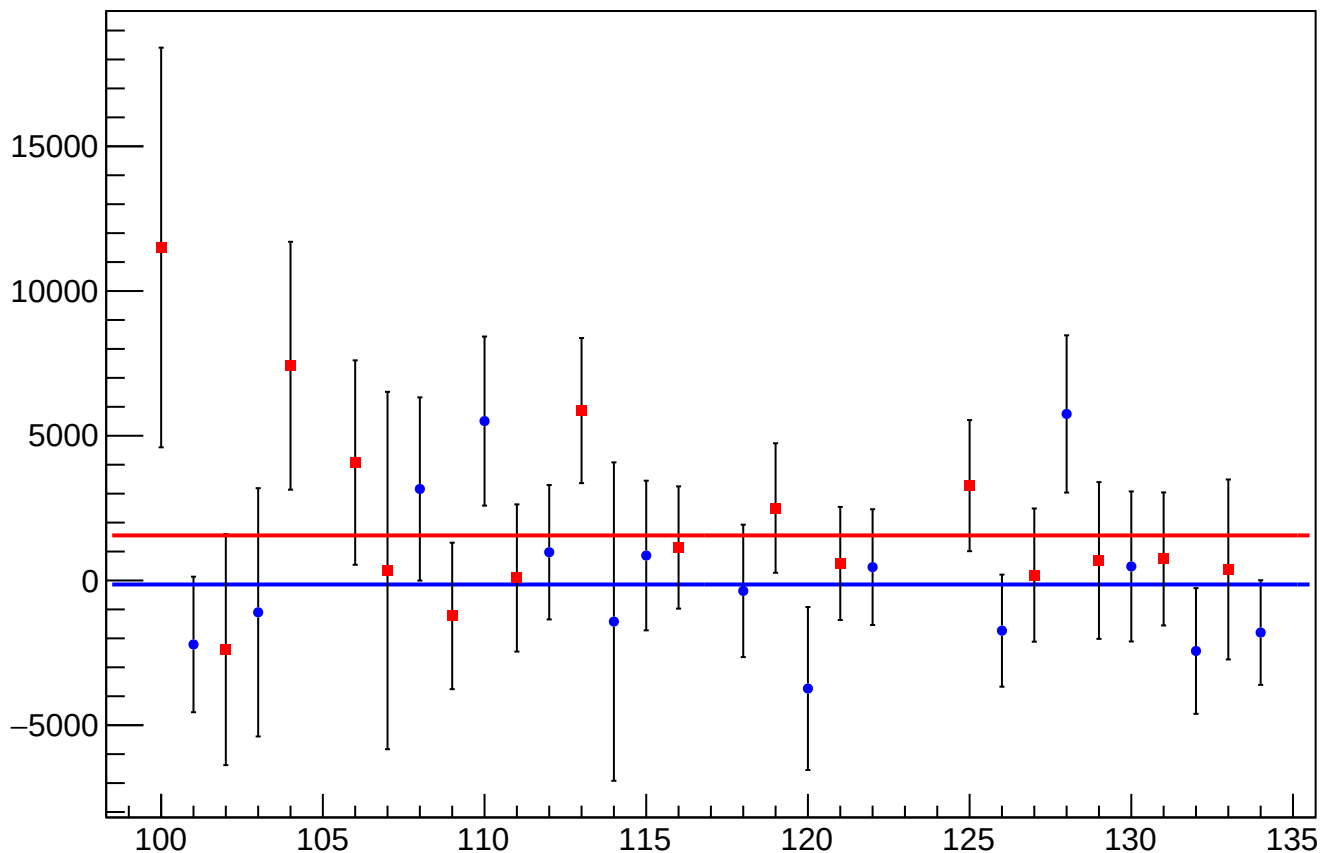
Right: 1904.402+/-0.383 χ^2/NDF : 920319.3/30

In: 1890.554+/-0.545 χ^2/NDF : 660924.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.402+/-0.383 χ^2/NDF : 920319.3/30

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -138.642+/-637.844 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.708+/-672.126 χ^2/NDF : 11.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

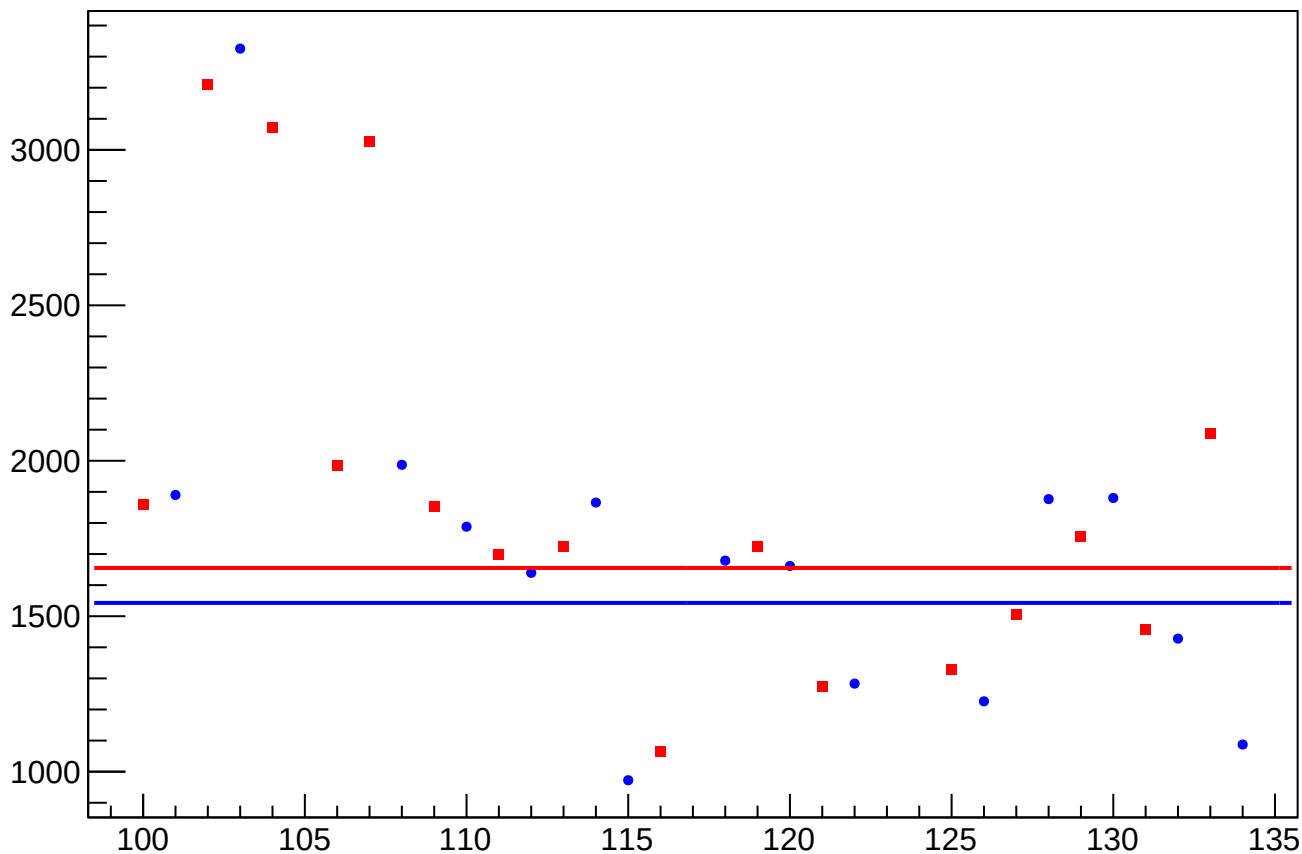
Right: 664.695+/-462.669 χ^2/NDF : 30.3/30

In: -138.642+/-637.844 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.695+/-462.669 χ^2/NDF : 30.3/30

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1542.878+/-0.451 χ^2/NDF : 845216.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1655.333+/-0.475 χ^2/NDF : 995265.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

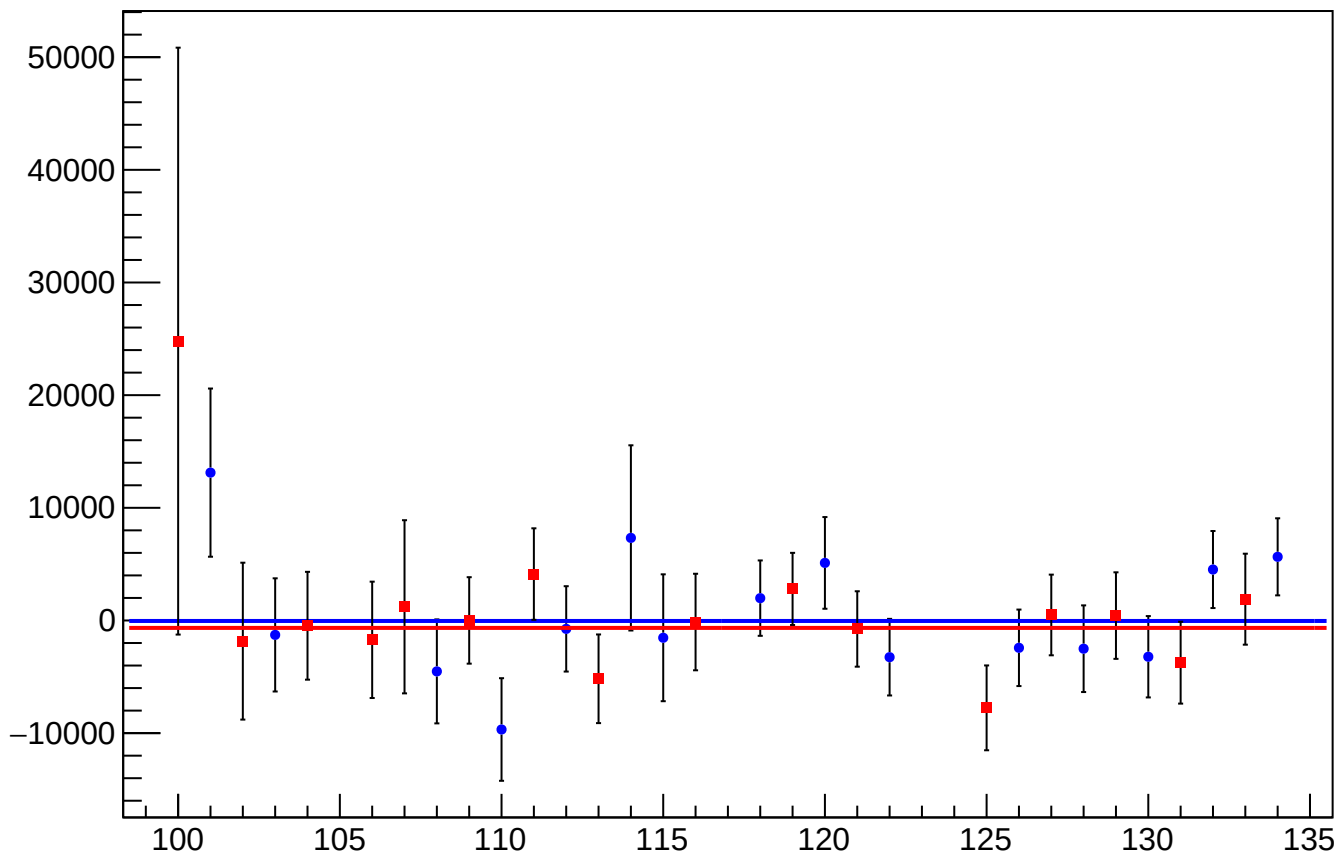
Right: 1596.165+/-0.327 χ^2/NDF : 1869939.1/30

In: 1542.878+/-0.451 χ^2/NDF :845216.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1596.165+/-0.327 χ^2/NDF : 1869939.1/30

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -43.444 ± 1049.969 χ^2/NDF : 18.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -659.564 ± 1049.454 χ^2/NDF : 9.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

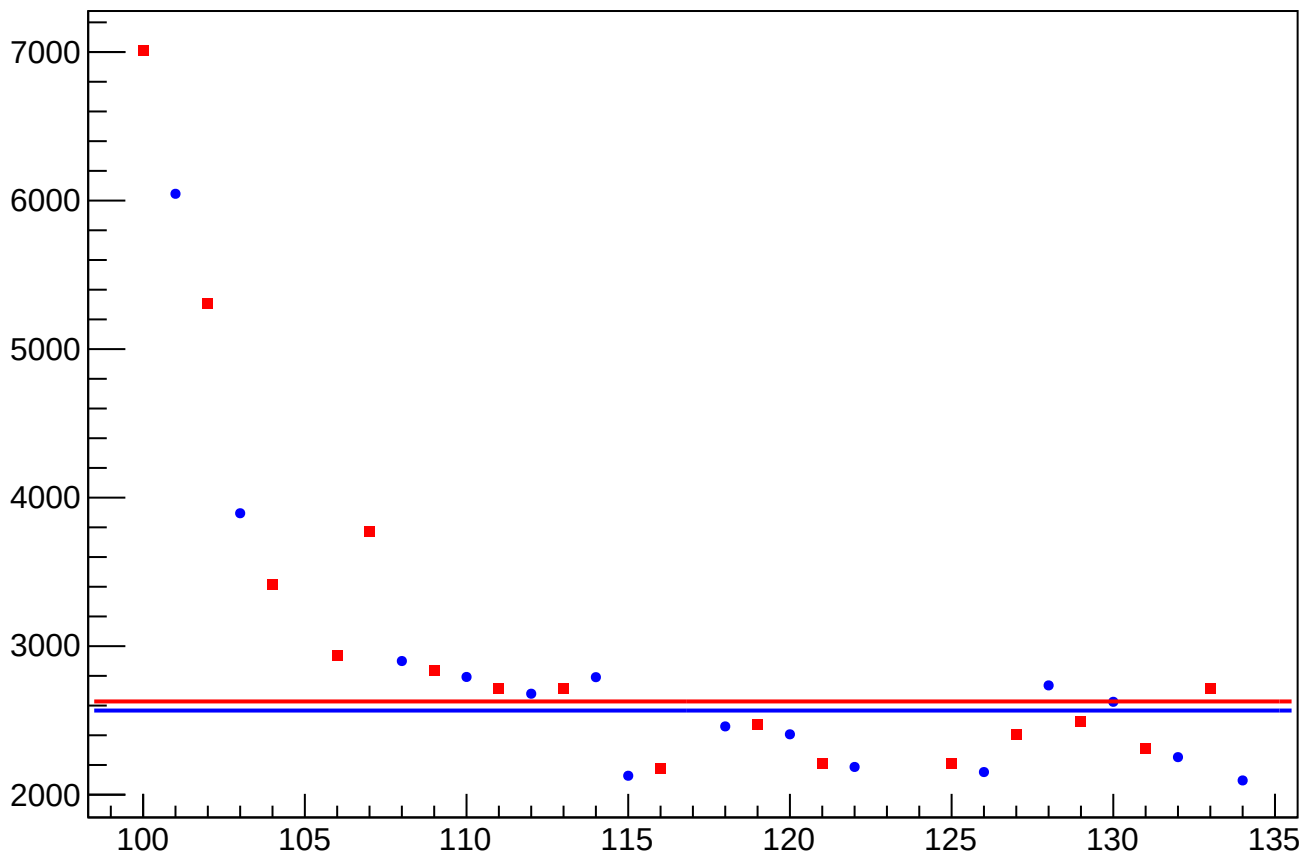
Right: -351.655 ± 742.258 χ^2/NDF : 28.6/30

In: -43.444 ± 1049.969 χ^2/NDF : 18.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -351.655 ± 742.258 χ^2/NDF : 28.6/30

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2566.497+/-0.742 χ^2/NDF : 724108.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.782+/-0.742 χ^2/NDF : 575783.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

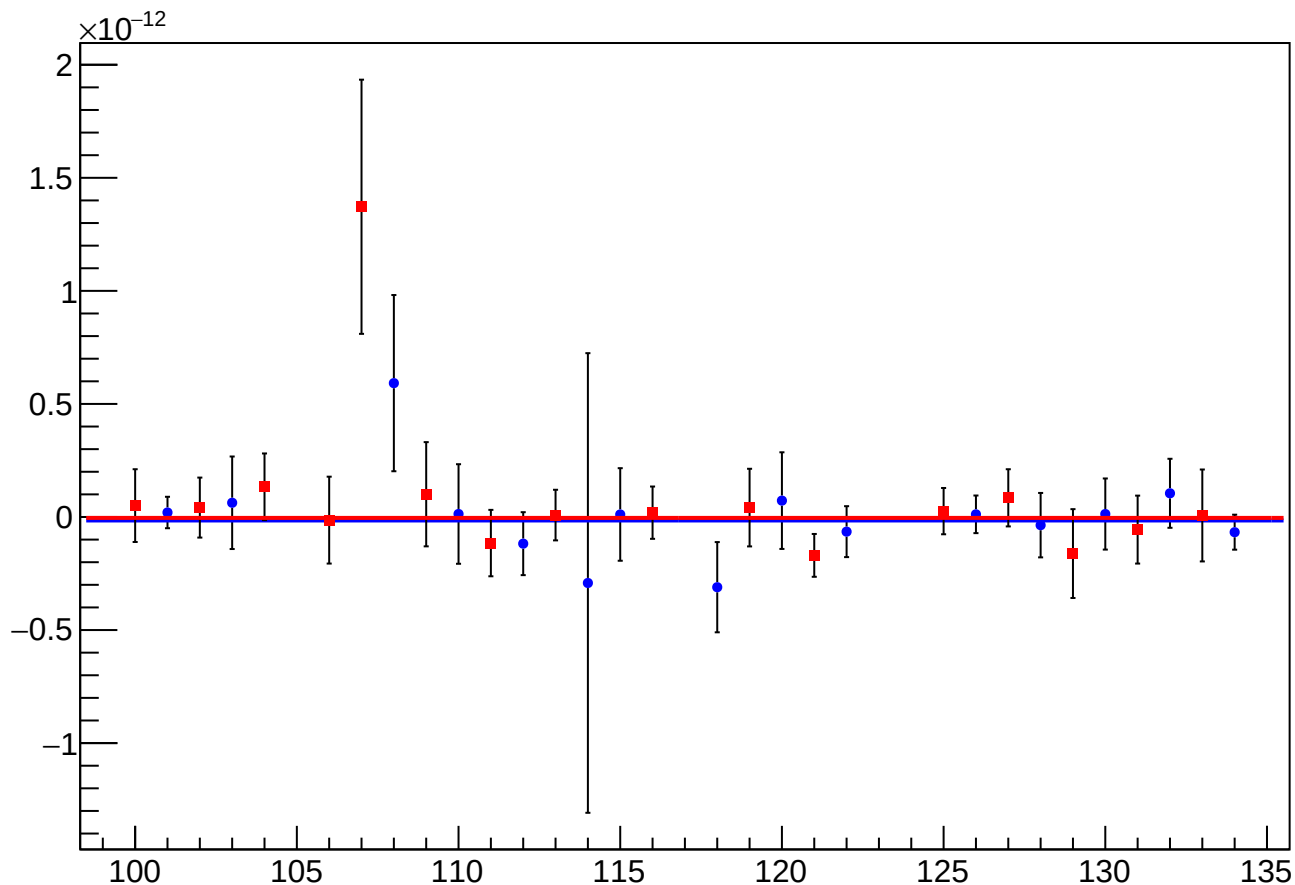
Right: 2597.155+/-0.525 χ^2/NDF : 1303300.9/30

In: 2566.497+/-0.742 χ^2/NDF : 724108.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2597.155+/-0.525 χ^2/NDF : 1303300.9/30

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

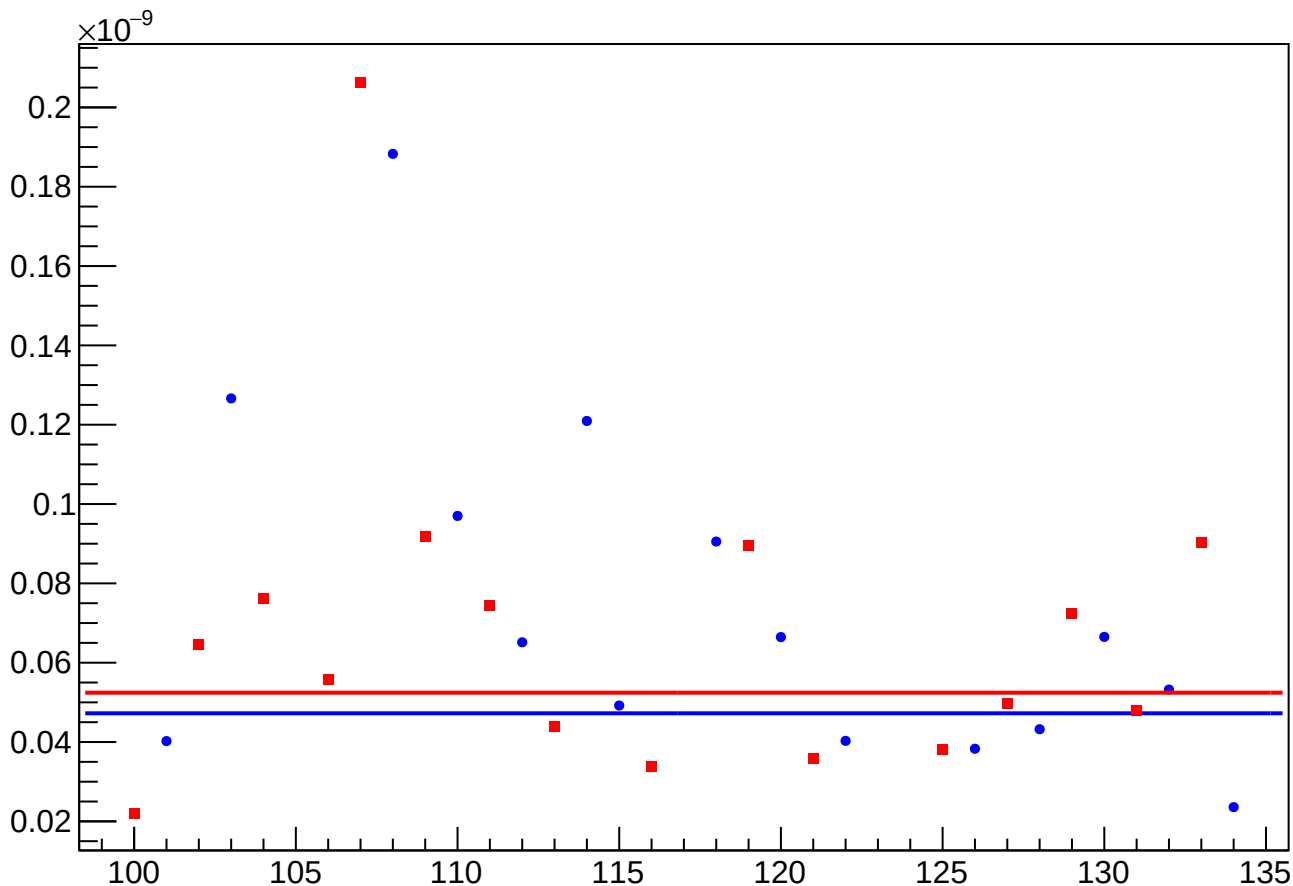
Right: -0.000+/-0.000 χ^2 /NDF: 19.7/30

In: -0.000+/-0.000 χ^2 /NDF:7.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.7/30

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1092252.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 743527.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

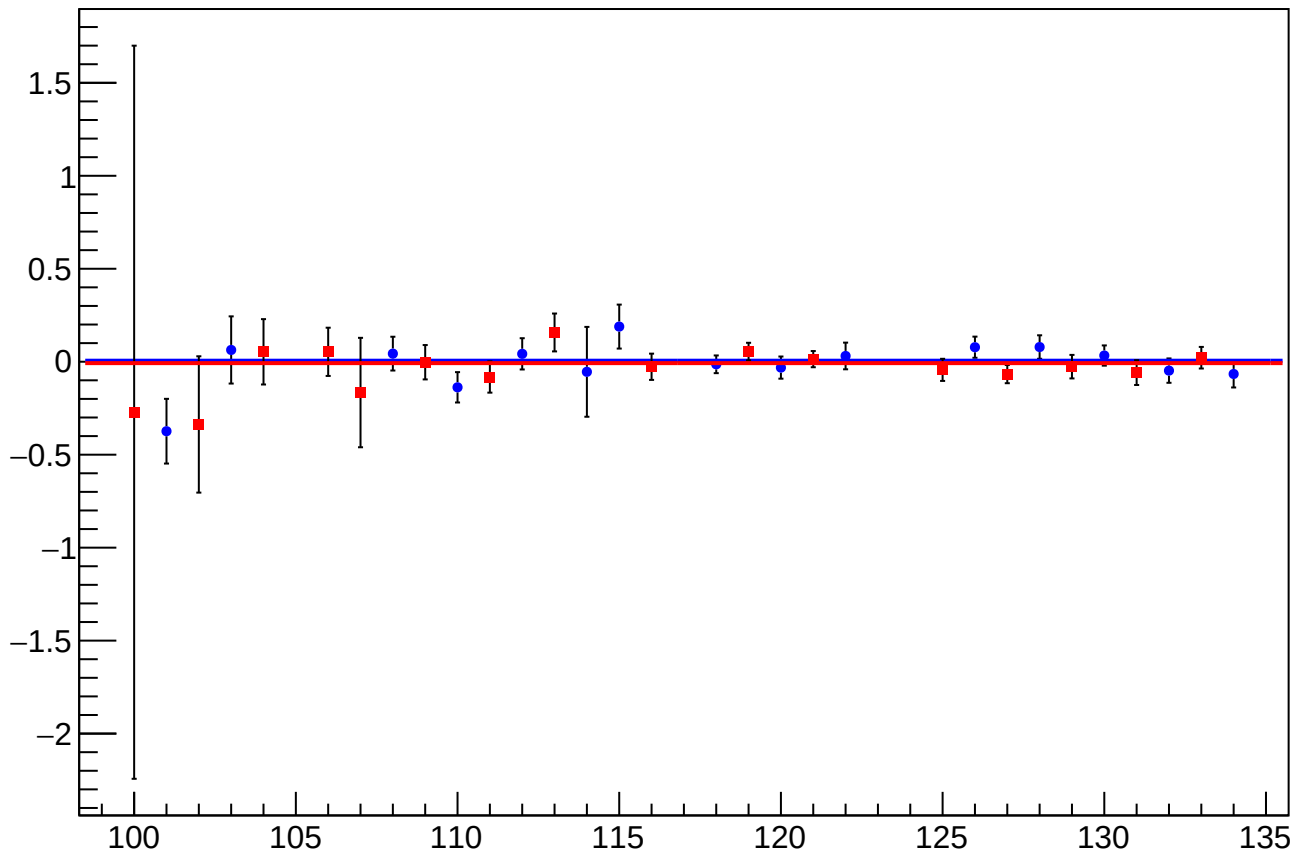
Right: 0.000+/-0.000 χ^2/NDF : 1858523.2/30

In: 0.000+/-0.000 χ^2/NDF : 1092252.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1858523.2/30

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 16.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

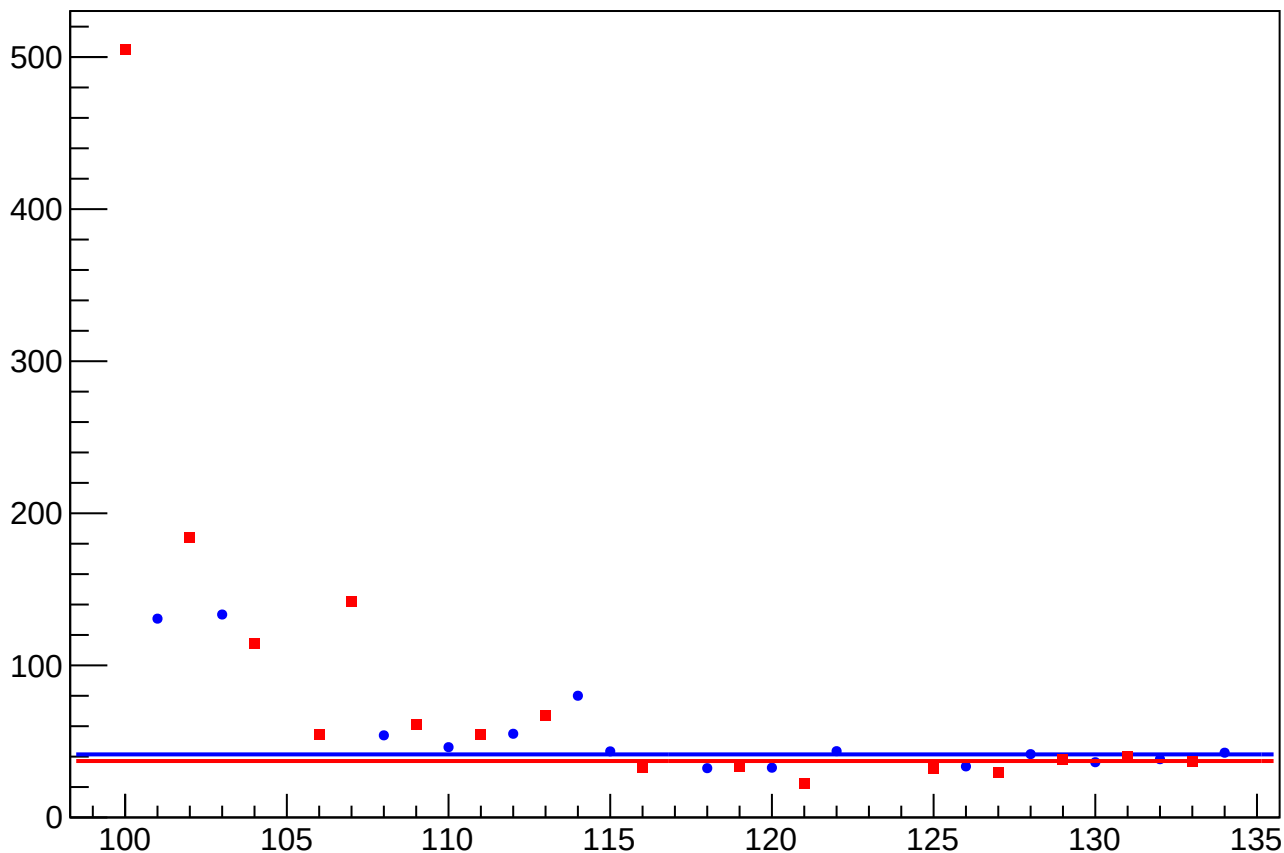
Right: -0.001 $\pm$ 0.013 χ^2 /NDF: 26.2/30

In: 0.005 $\pm$ 0.019 χ^2 /NDF:16.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.013 χ^2 /NDF: 26.2/30

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.470+/-0.013 χ^2/NDF : 1371673.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.104+/-0.013 χ^2/NDF : 1833436.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

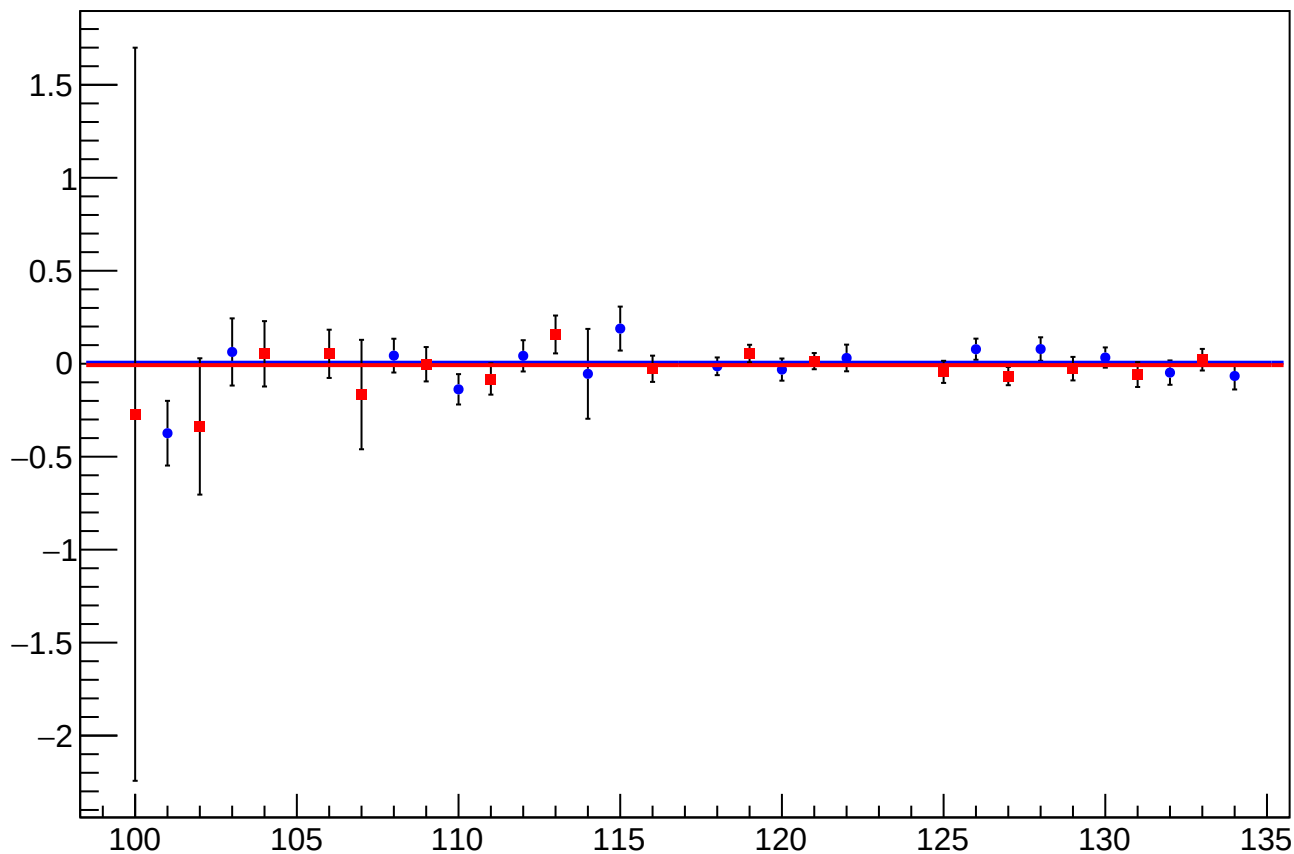
Right: 39.173+/-0.009 χ^2/NDF : 3261331.6/30

In: 41.470+/-0.013 χ^2/NDF : 1371673.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.173+/-0.009 χ^2/NDF : 3261331.6/30

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 16.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

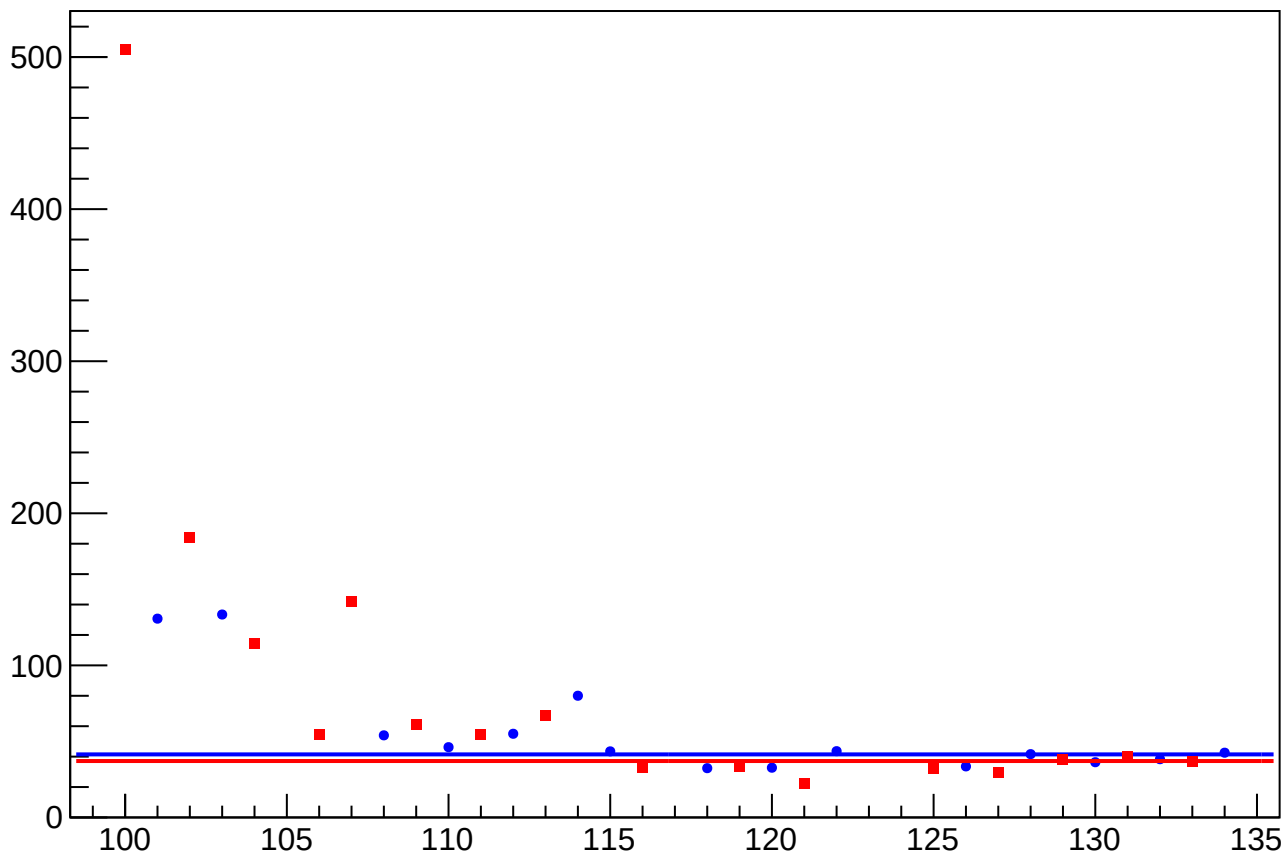
Right: -0.001 $\pm$ 0.013 χ^2 /NDF: 26.2/30

In: 0.005 $\pm$ 0.019 χ^2 /NDF:16.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.013 χ^2 /NDF: 26.2/30

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.470+/-0.013 χ^2/NDF : 1371673.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.104+/-0.013 χ^2/NDF : 1833436.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

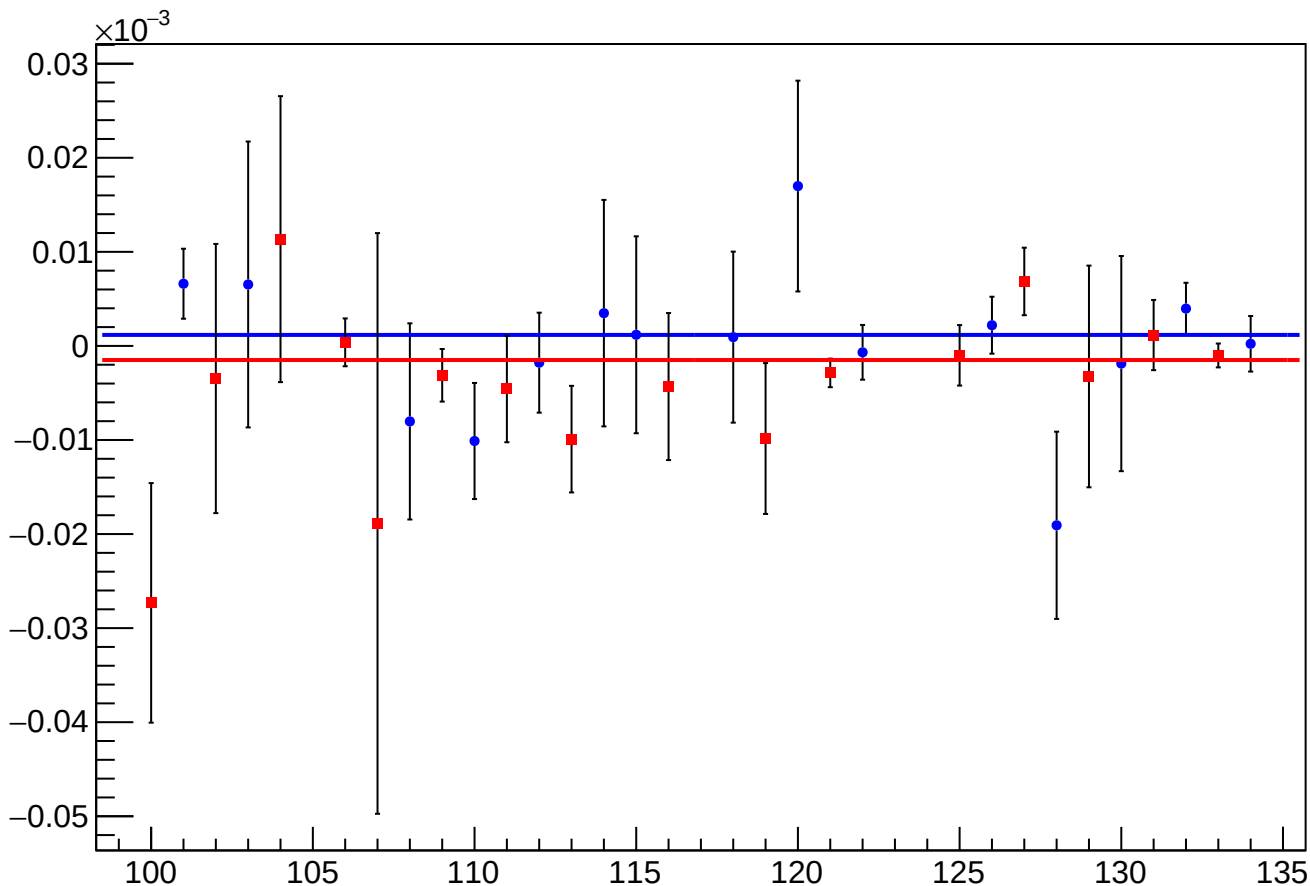
Right: 39.173+/-0.009 χ^2/NDF : 3261331.6/30

In: 41.470+/-0.013 χ^2/NDF : 1371673.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.173+/-0.009 χ^2/NDF : 3261331.6/30

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

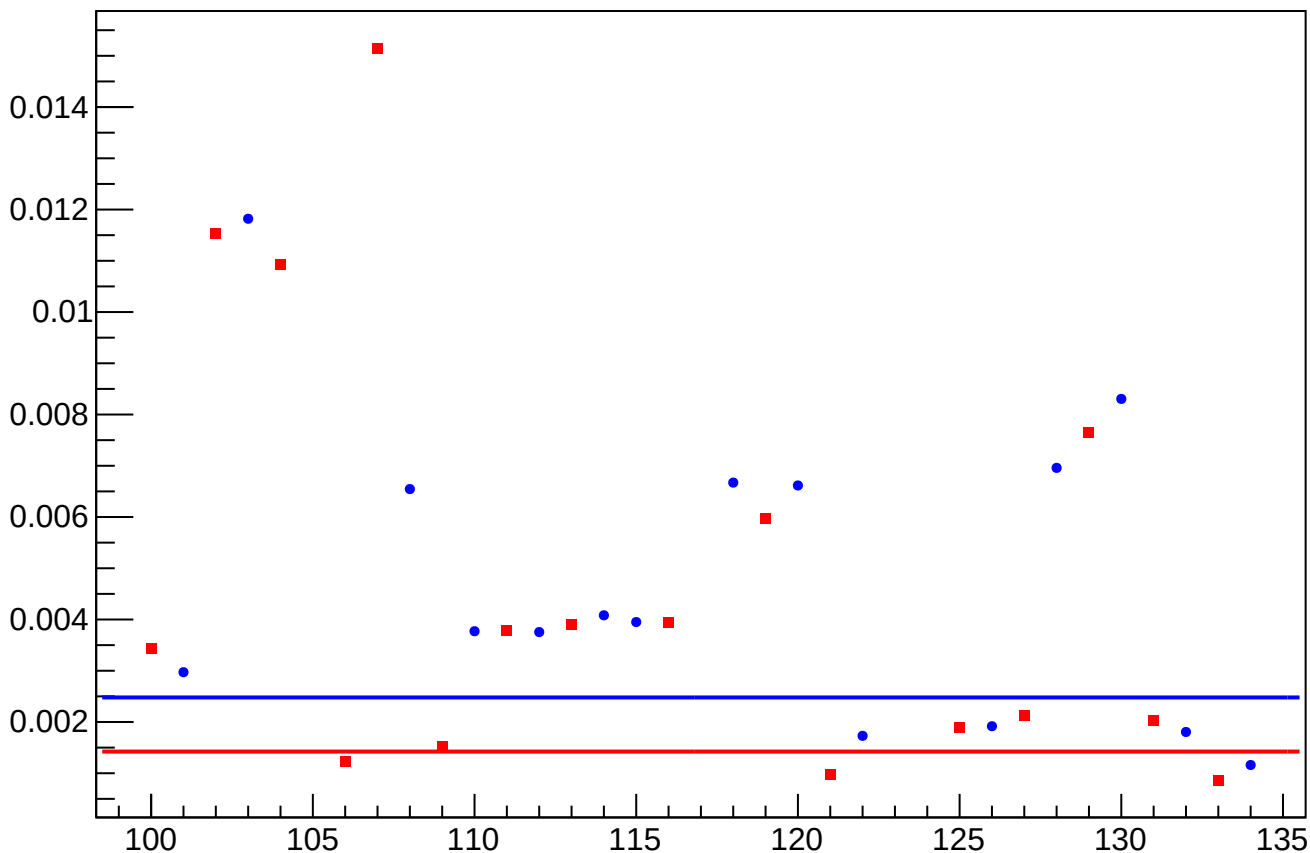
Right: -0.000+/-0.000 χ^2/NDF : 34.7/30

In: 0.000+/-0.000 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.7/30

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3715877.0/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 5129443.8/15

Left 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 : 9924625.5/30

In: 0.002+/-0.000

χ^2/NDF :3715877.0/14

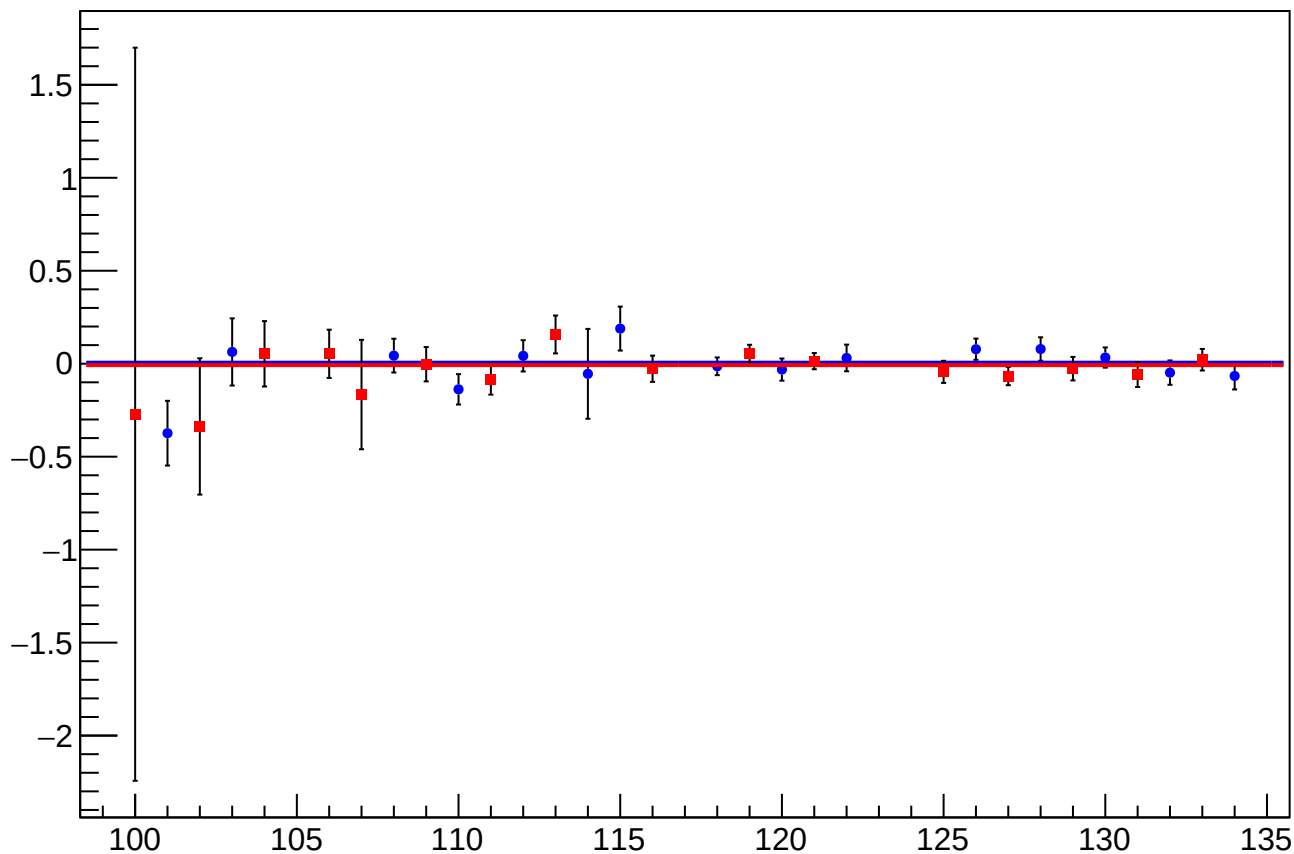
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.002+/-0.000

χ^2/NDF : 9924625.5/30

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.019 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.008+/-0.018 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

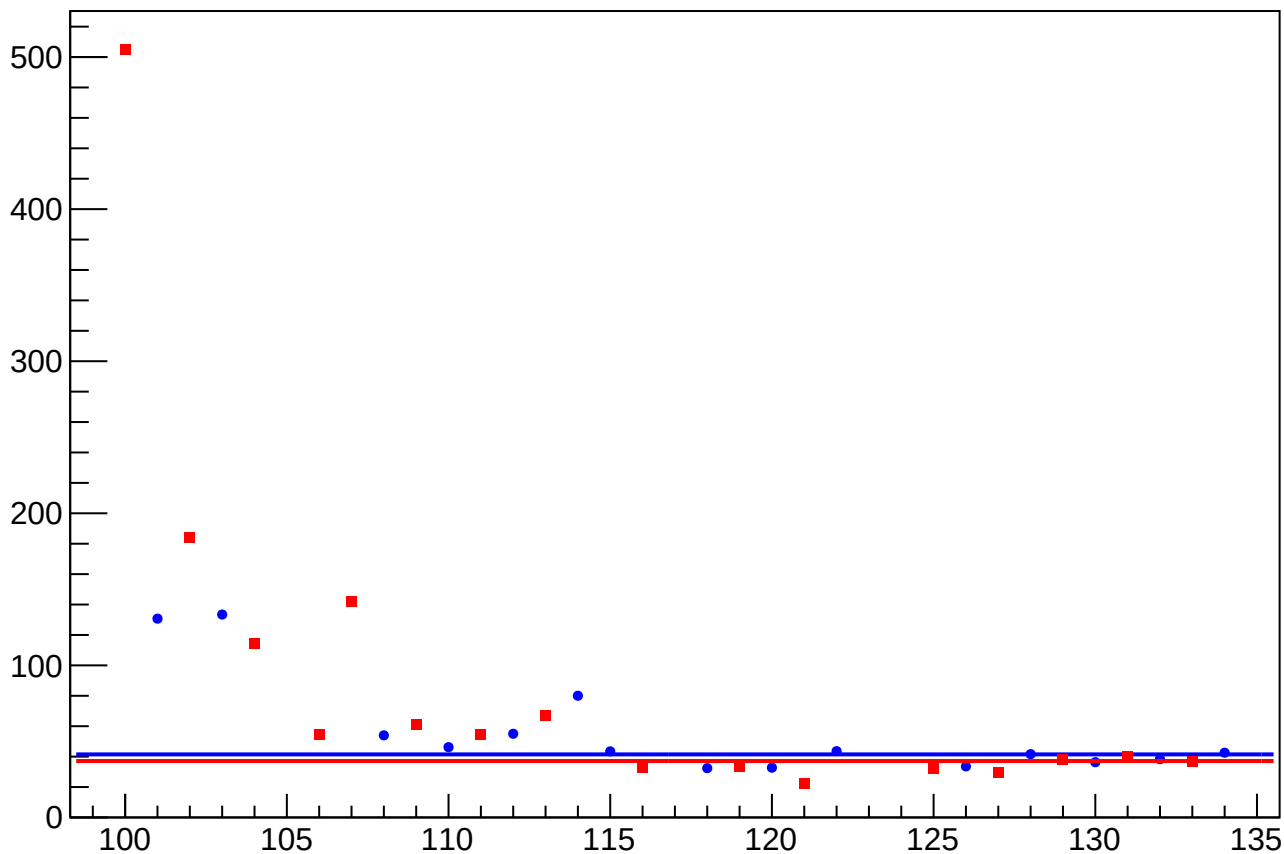
Right: -0.001+/-0.013 χ^2/NDF : 26.2/30

In: 0.005+/-0.019 χ^2/NDF :16.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.013 χ^2/NDF : 26.2/30

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.470+/-0.013 χ^2/NDF : 1371575.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.103+/-0.013 χ^2/NDF : 1833436.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

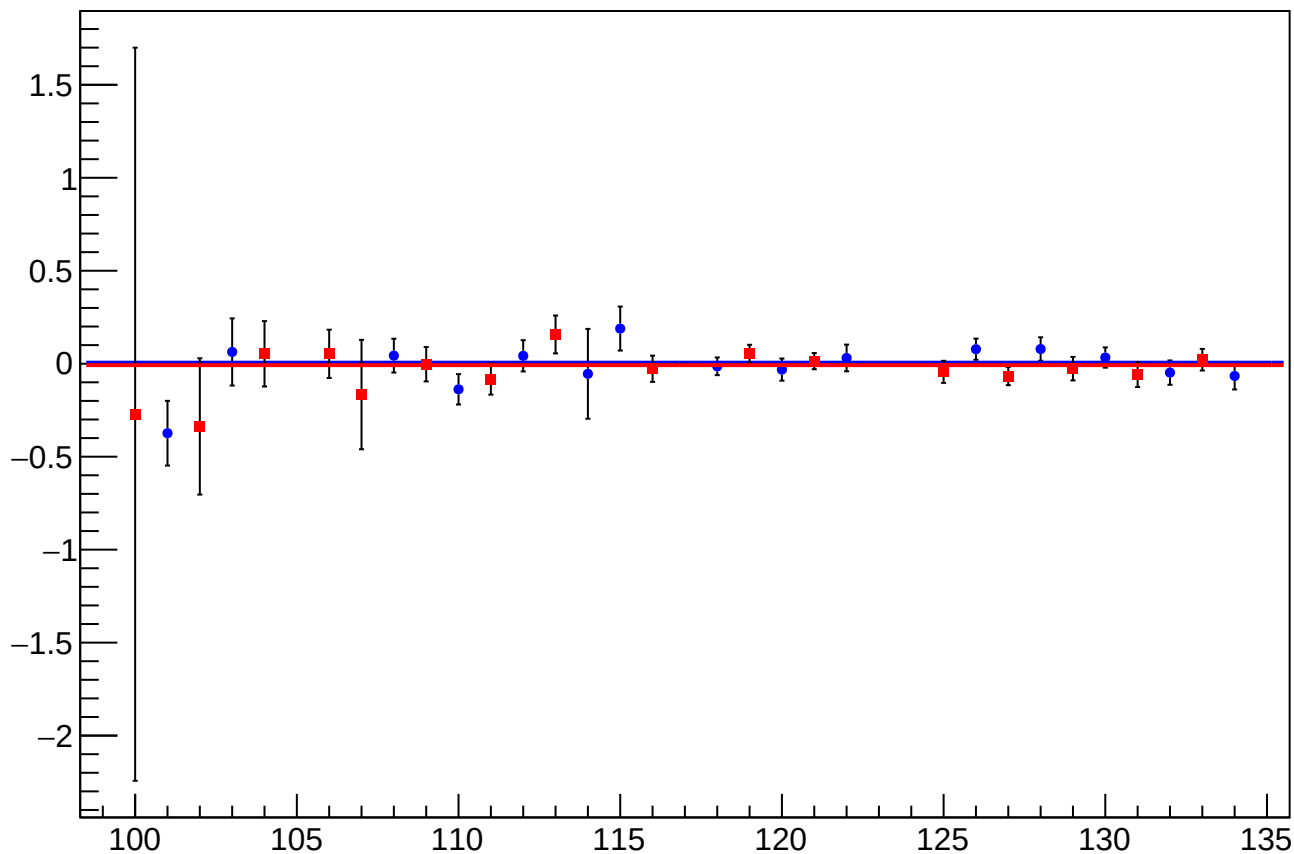
Right: 39.172+/-0.009 χ^2/NDF : 3261276.1/30

In: 41.470+/-0.013 χ^2/NDF :1371575.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.172+/-0.009 χ^2/NDF : 3261276.1/30

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.019 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.018 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

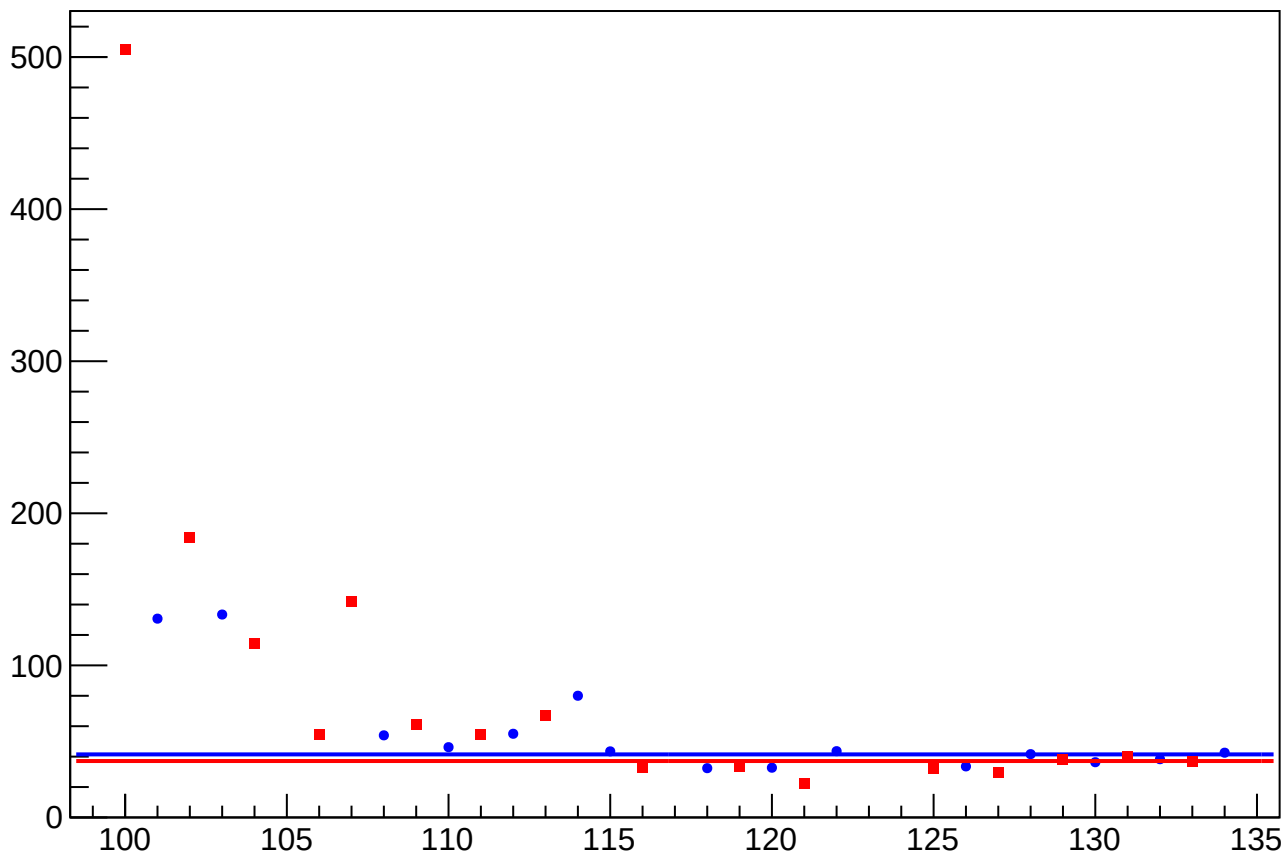
Right: -0.001+/-0.013 χ^2/NDF : 26.2/30

In: 0.005+/-0.019 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.013 χ^2/NDF : 26.2/30

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.470 $\pm$ 0.013 χ^2 /NDF: 1371575.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.103 $\pm$ 0.013 χ^2 /NDF: 1833436.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

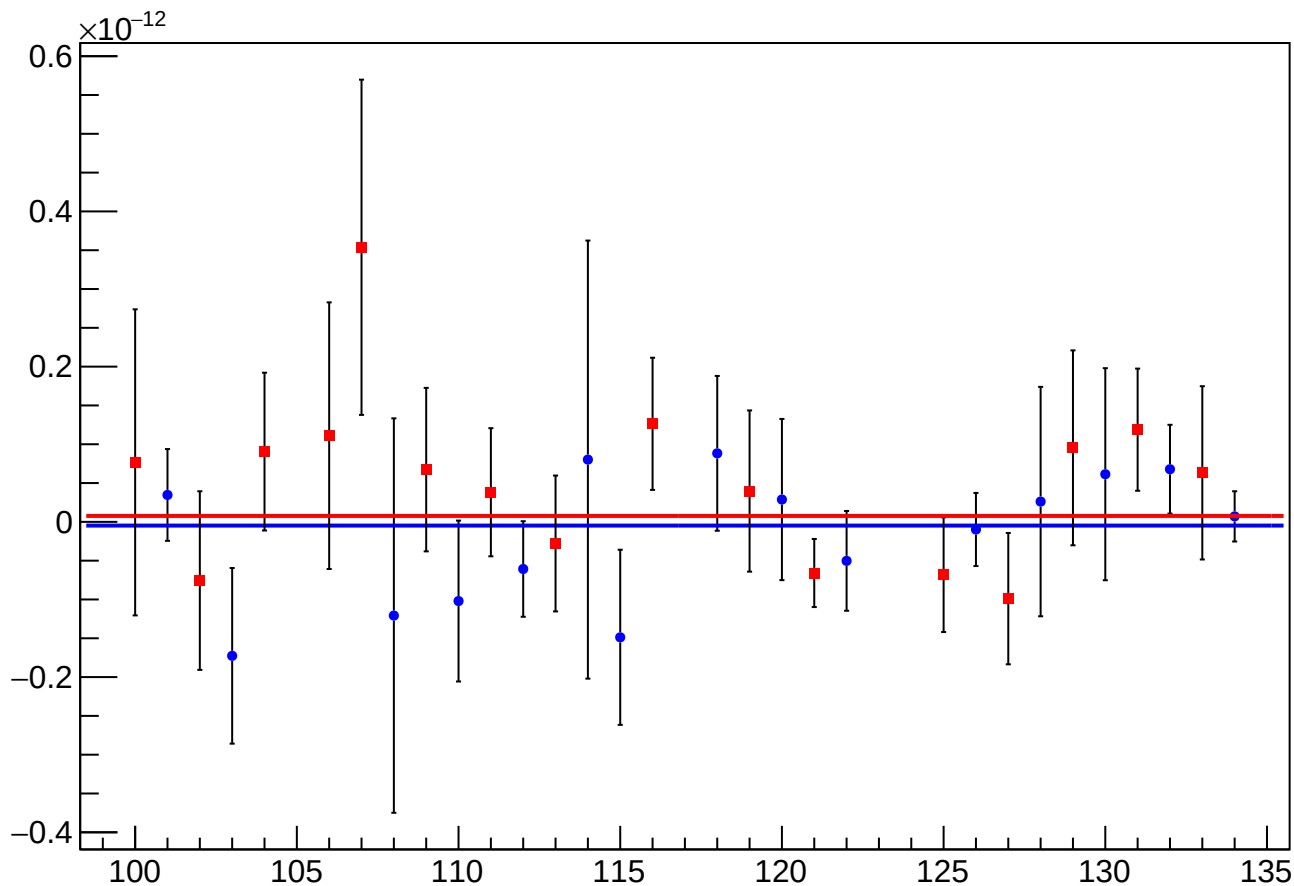
Right: 39.172 $\pm$ 0.009 χ^2 /NDF: 3261276.1/30

In: 41.470 $\pm$ 0.013 χ^2 /NDF:1371575.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.172 $\pm$ 0.009 χ^2 /NDF: 3261276.1/30

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

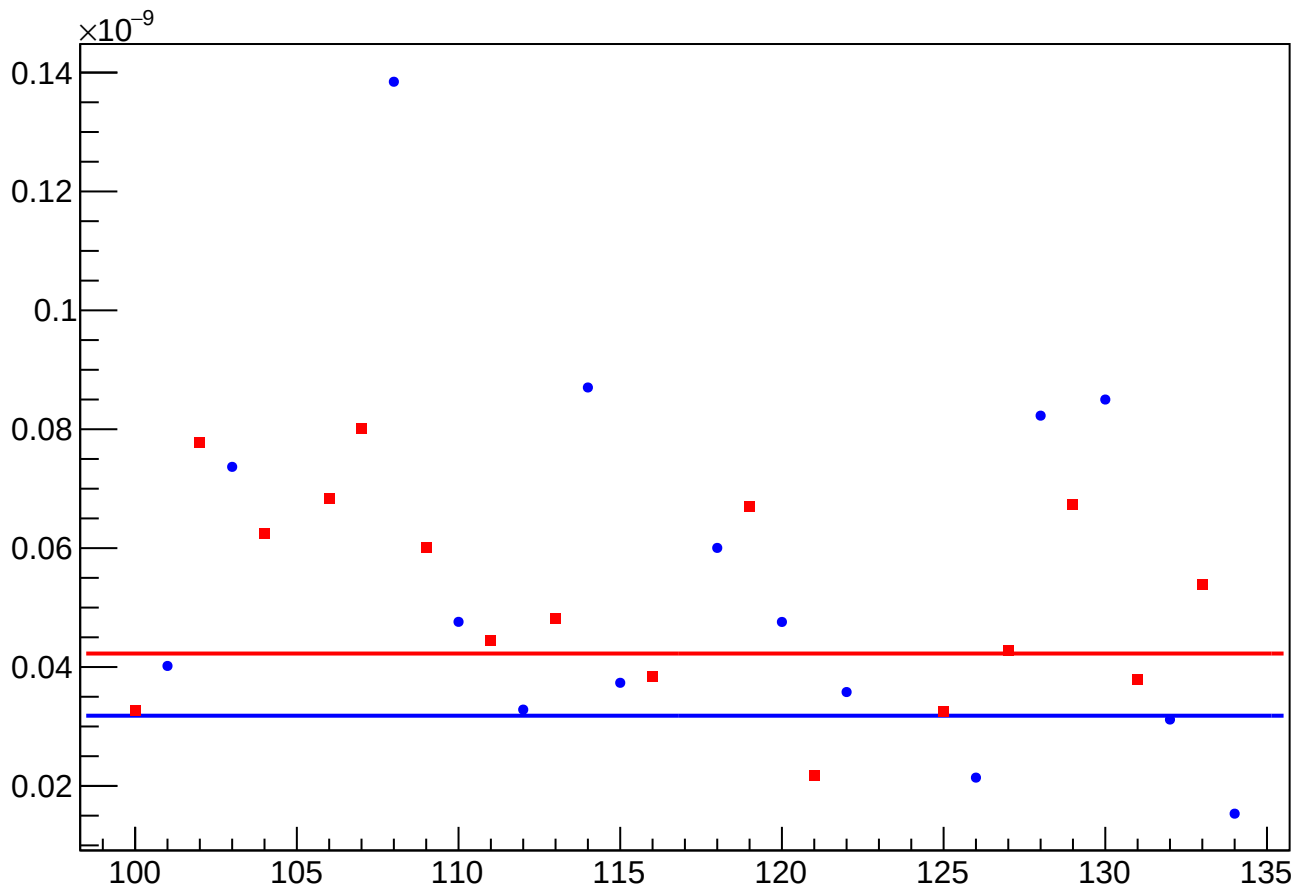
Right: 0.000+/-0.000 χ^2/NDF : 25.1/30

In: -0.000+/-0.000 χ^2/NDF : 9.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/30

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 : 2160657.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1150149.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

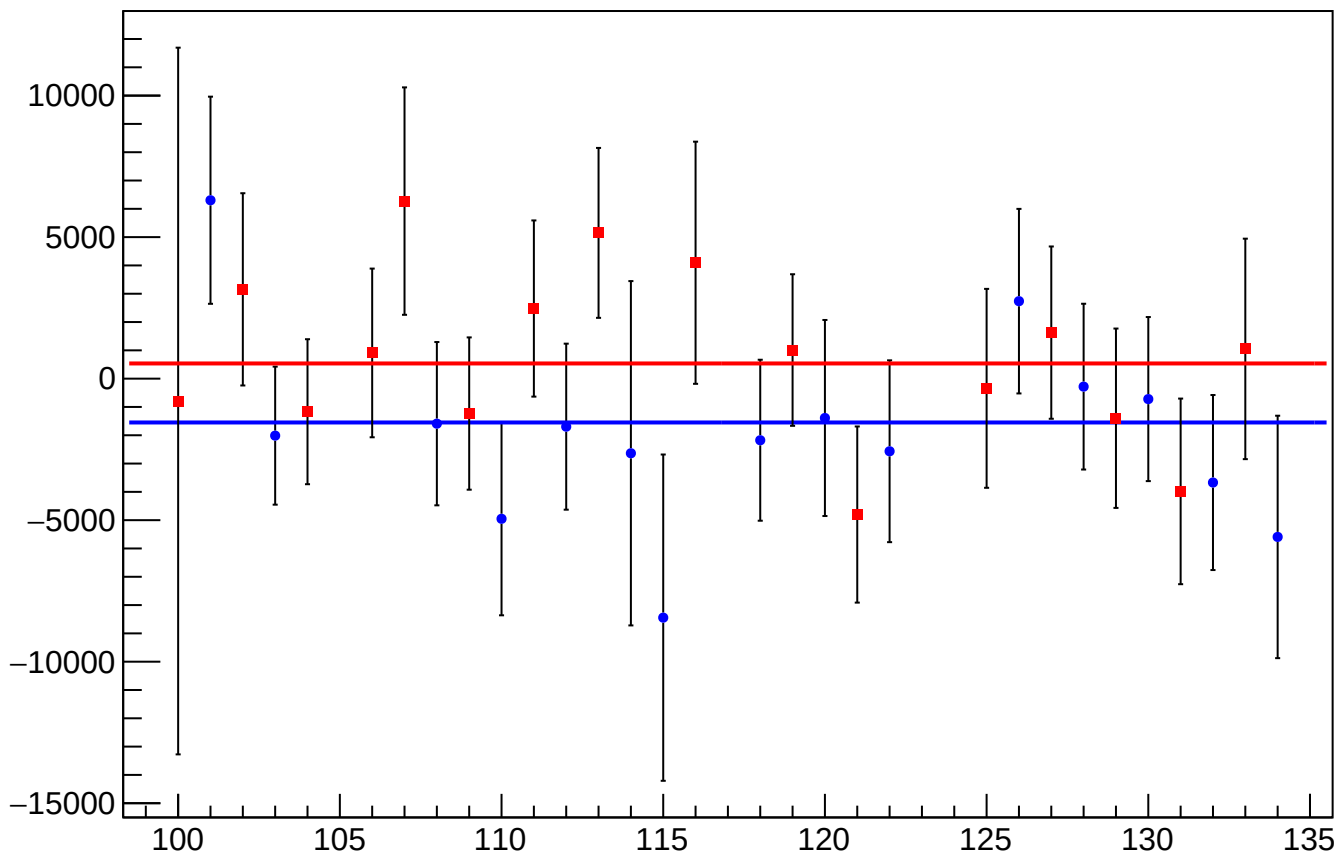
Right: 0.000+/-0.000 χ^2/NDF : 3575696.4/30

In: 0.000+/-0.000 χ^2/NDF : 2160657.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3575696.4/30

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1548.433 $\pm$ 840.588 χ^2 /NDF: 10.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 536.729 $\pm$ 811.811 χ^2 /NDF: 12.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

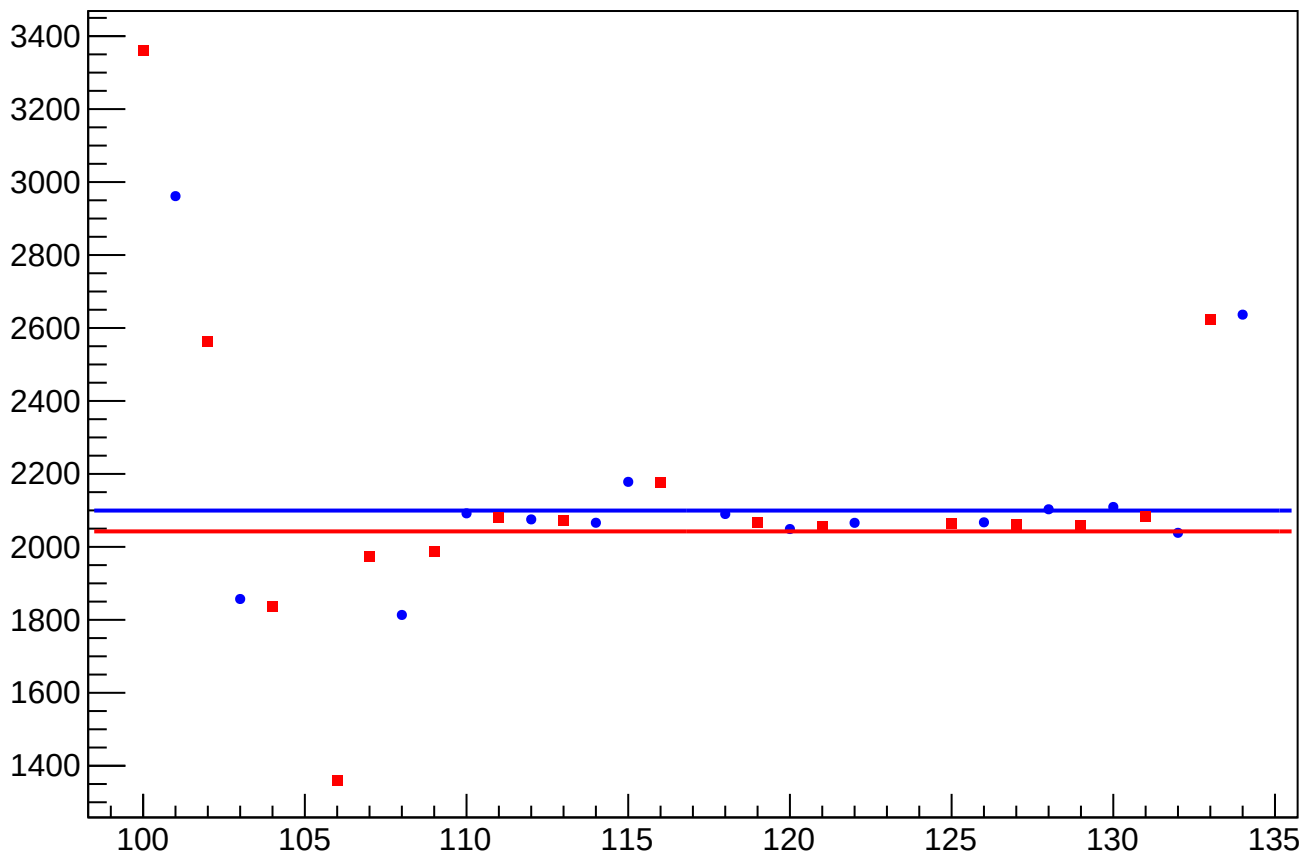
Right: -469.550 $\pm$ 583.946 χ^2 /NDF: 26.2/30

In: -1548.433 $\pm$ 840.588 χ^2 /NDF:10.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -469.550 $\pm$ 583.946 χ^2 /NDF: 26.2/30

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2099.566+/-0.594 χ^2/NDF : 184084.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2042.443+/-0.574 χ^2/NDF : 235728.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

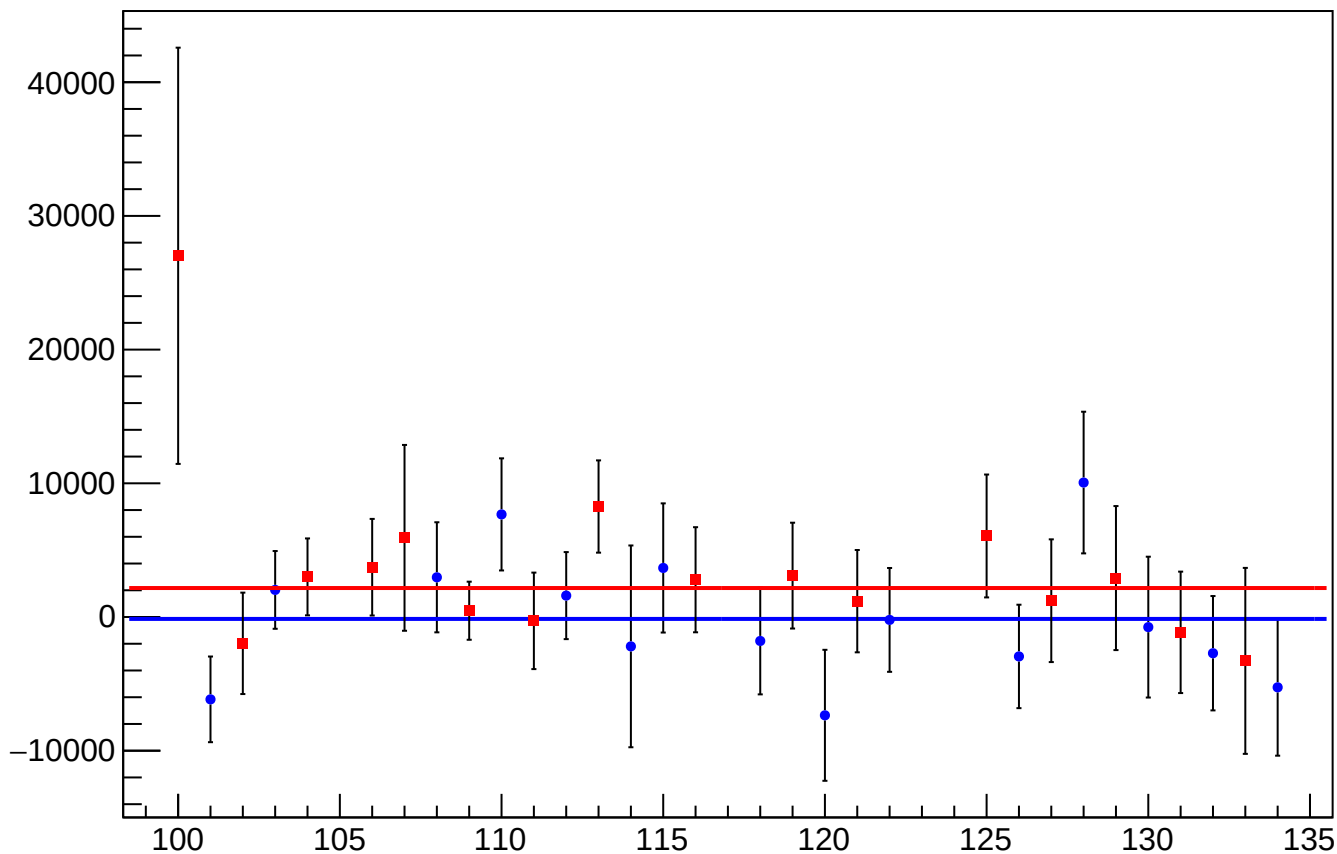
Right: 2070.010+/-0.413 χ^2/NDF : 424591.7/30

In: 2099.566+/-0.594 χ^2/NDF : 184084.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2070.010+/-0.413 χ^2/NDF : 424591.7/30

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -143.242 $\pm$ 1060.925 χ^2 /NDF: 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2167.400 $\pm$ 971.324 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

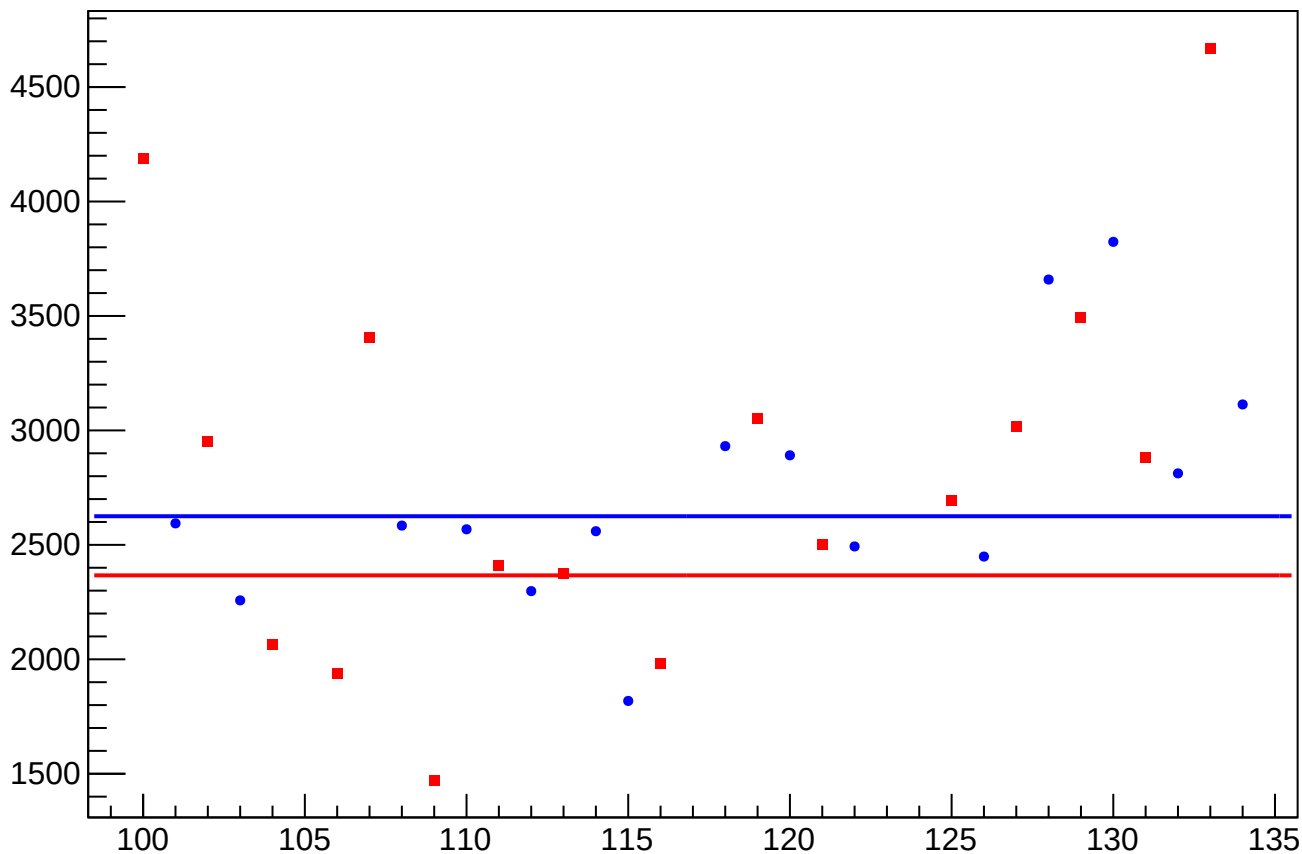
Right: 1113.757 $\pm$ 716.416 χ^2 /NDF: 30.2/30

In: -143.242 $\pm$ 1060.925 χ^2 /NDF:17.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1113.757 $\pm$ 716.416 χ^2 /NDF: 30.2/30

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2625.055+/-0.750 χ^2/NDF : 334872.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2366.745+/-0.687 χ^2/NDF : 973475.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

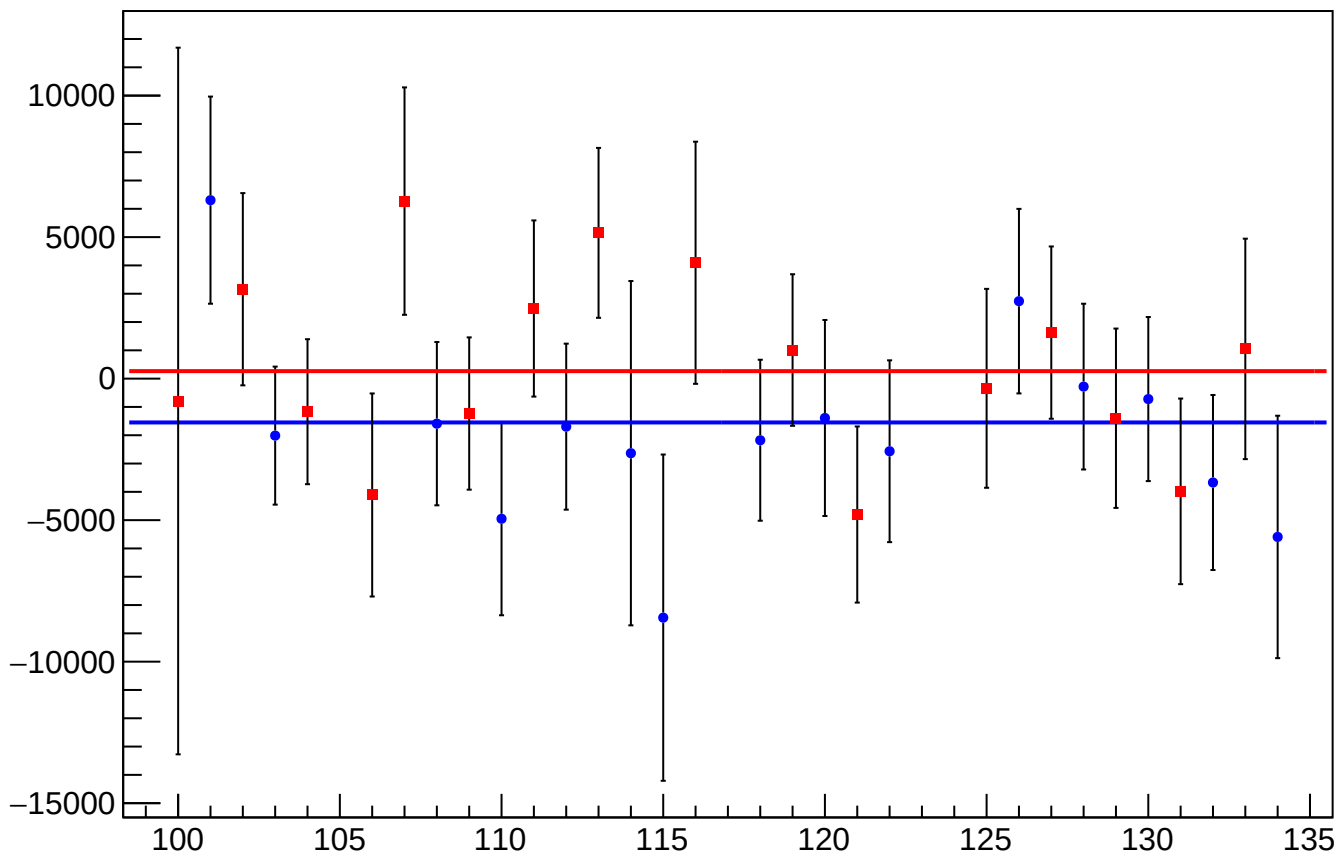
Right: 2484.533+/-0.507 χ^2/NDF : 1372845.1/30

In: 2625.055+/-0.750 χ^2/NDF :334872.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2484.533+/-0.507 χ^2/NDF : 1372845.1/30

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1548.293+/-840.588 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 265.102+/-821.312 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

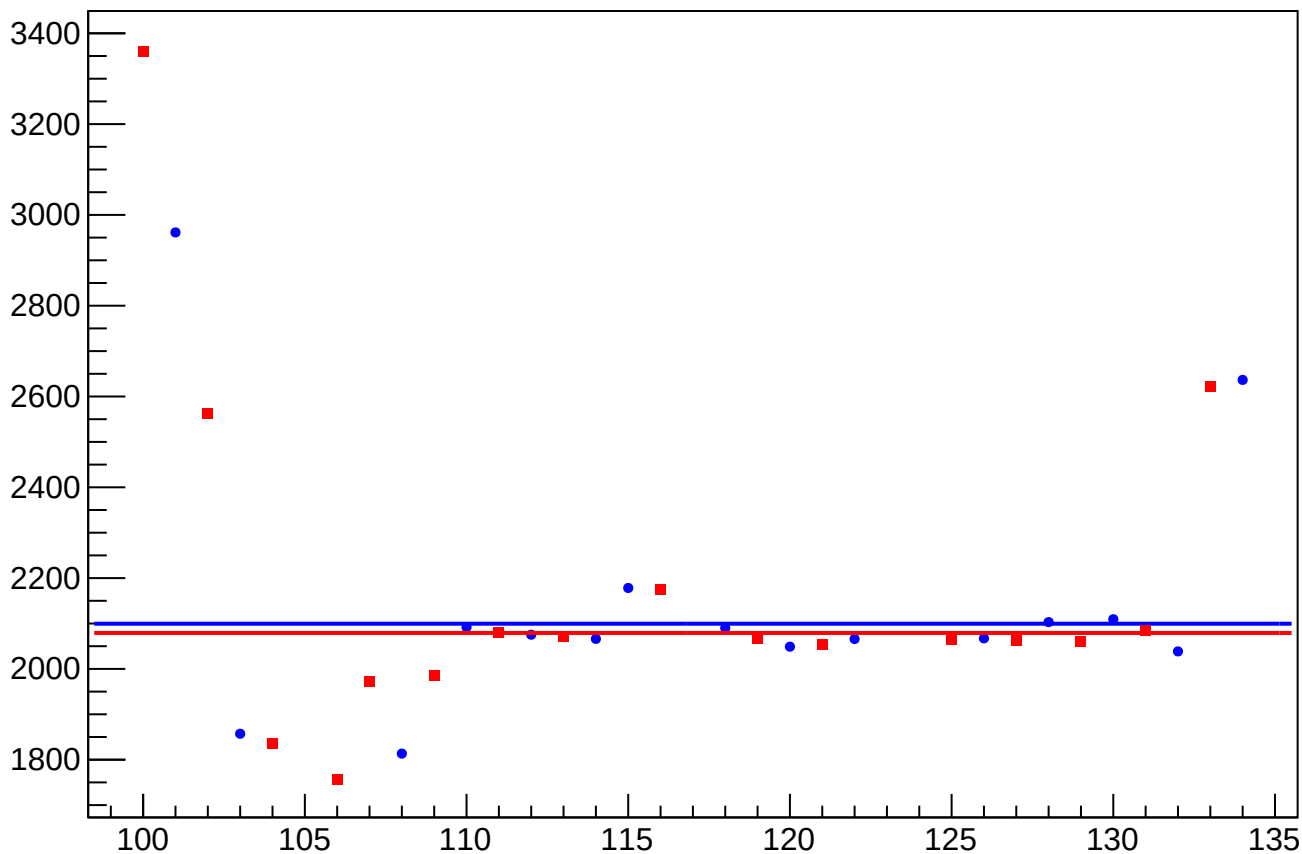
Right: -620.566+/-587.452 χ^2/NDF : 27.0/30

In: -1548.293+/-840.588 χ^2/NDF :10.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -620.566+/-587.452 χ^2/NDF : 27.0/30

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2099.566+/-0.594 χ^2/NDF : 184084.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2079.206+/-0.581 χ^2/NDF : 139843.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

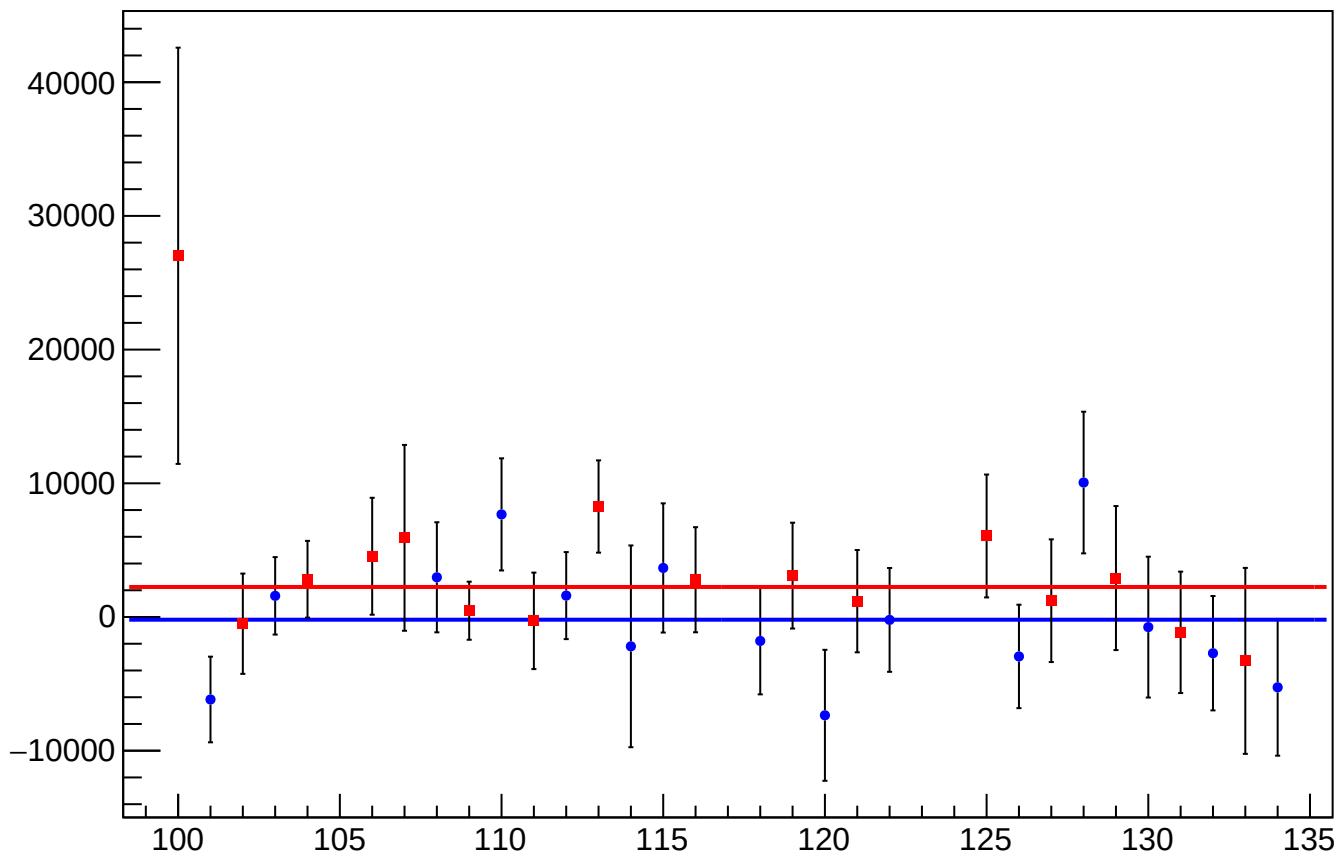
Right: 2089.150+/-0.415 χ^2/NDF : 324528.6/30

In: 2099.566+/-0.594 χ^2/NDF : 184084.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.150+/-0.415 χ^2/NDF : 324528.6/30

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -202.225+/-1060.379 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2246.523+/-981.635 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

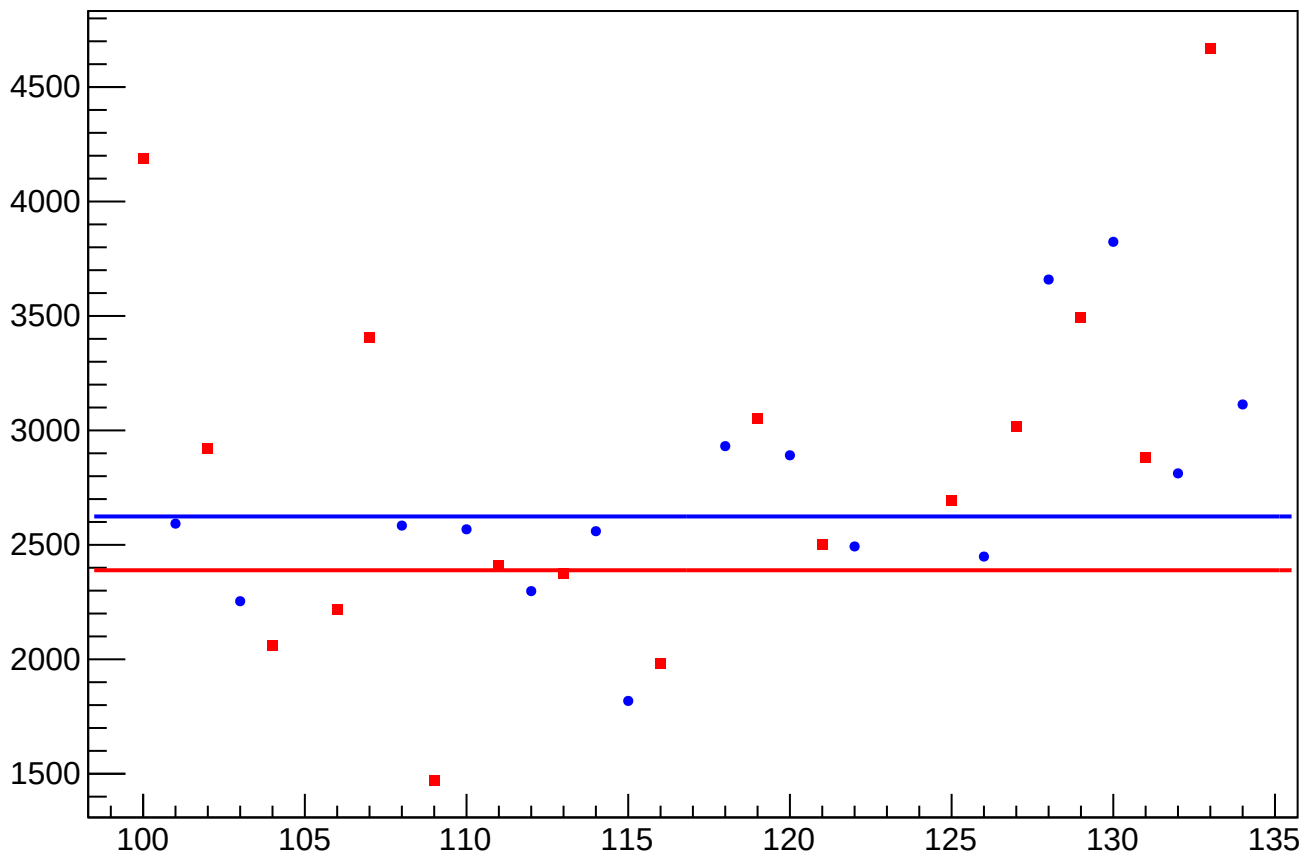
Right: 1116.438+/-720.352 χ^2/NDF : 29.7/30

In: -202.225+/-1060.379 χ^2/NDF : 16.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.438+/-720.352 χ^2/NDF : 29.7/30

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2624.105+/-0.750 χ^2/NDF : 335743.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2389.099+/-0.694 χ^2/NDF : 943524.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

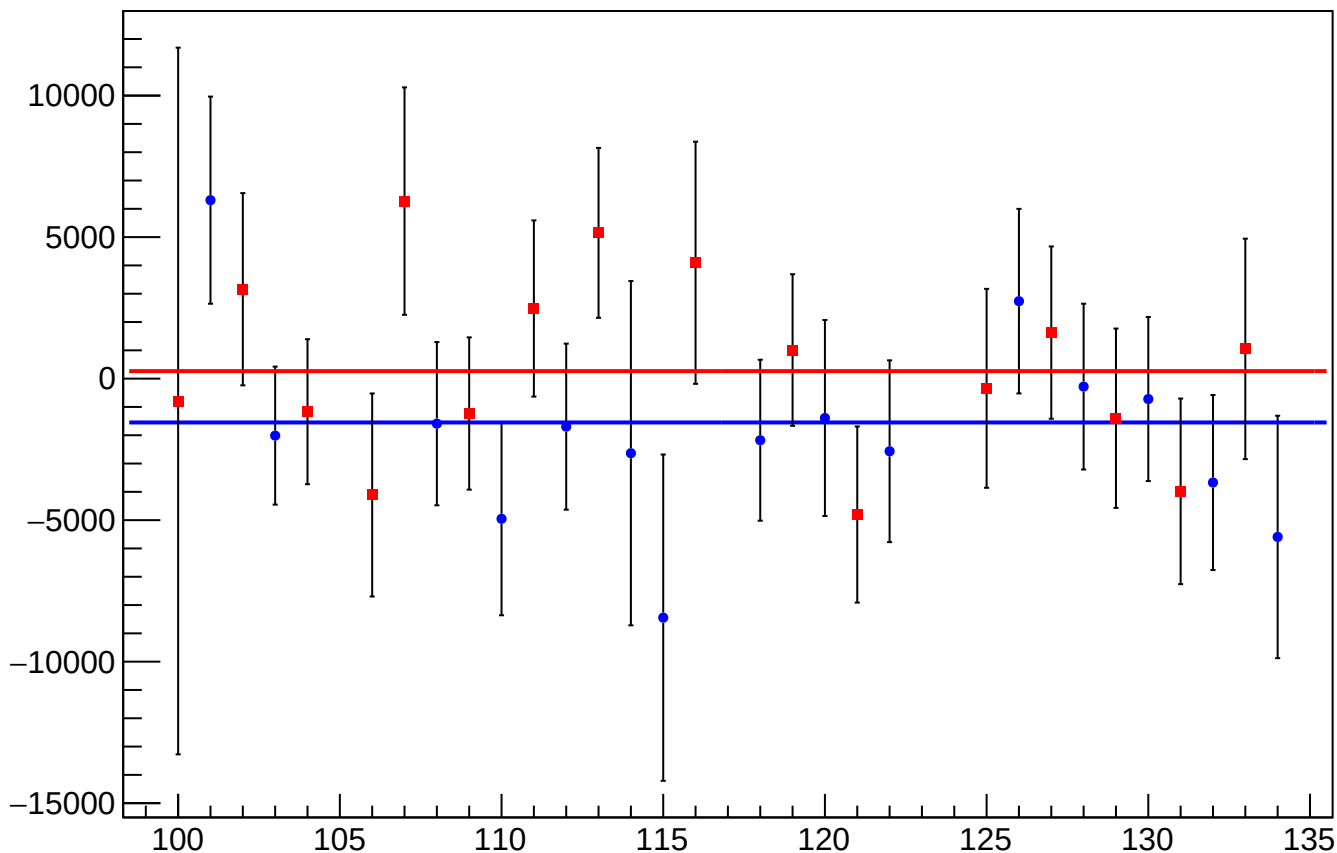
Right: 2497.553+/-0.509 χ^2/NDF : 1332168.3/30

In: 2624.105+/-0.750 χ^2/NDF : 335743.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.553+/-0.509 χ^2/NDF : 1332168.3/30

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1548.293+/-840.588 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 265.102+/-821.312 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

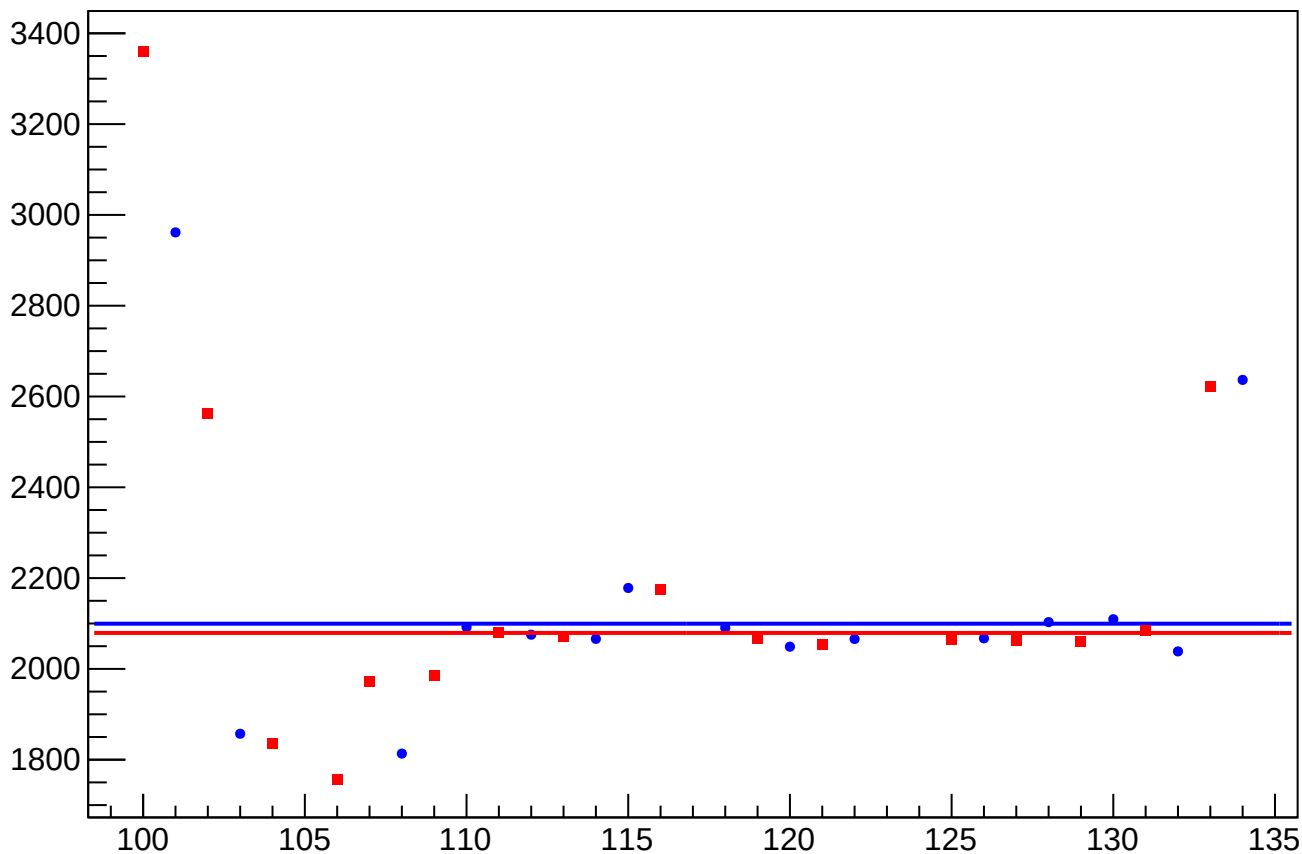
Right: -620.566+/-587.452 χ^2/NDF : 27.0/30

In: -1548.293+/-840.588 χ^2/NDF :10.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -620.566+/-587.452 χ^2/NDF : 27.0/30

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2099.566+/-0.594 χ^2/NDF : 184084.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2079.206+/-0.581 χ^2/NDF : 139843.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

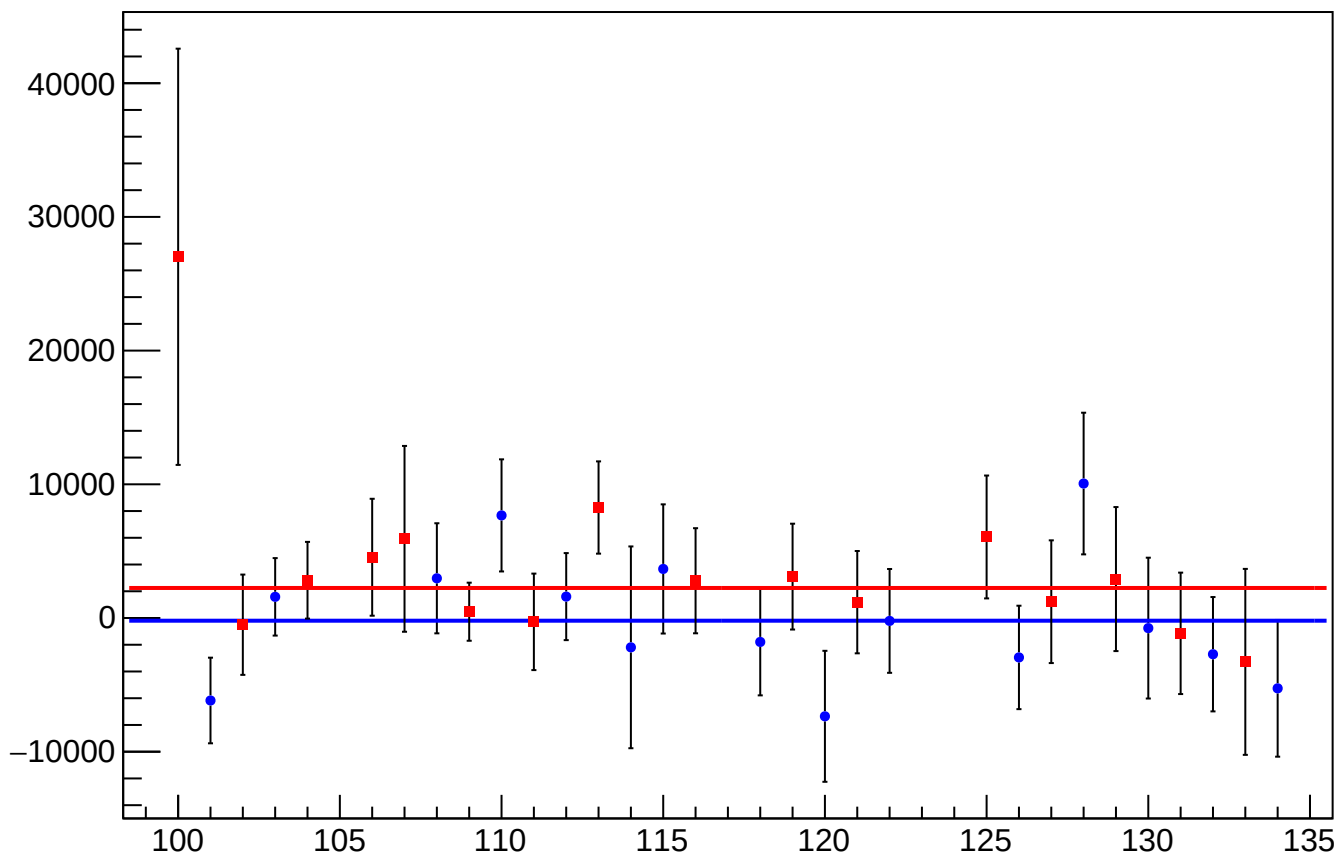
Right: 2089.150+/-0.415 χ^2/NDF : 324528.6/30

In: 2099.566+/-0.594 χ^2/NDF : 184084.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.150+/-0.415 χ^2/NDF : 324528.6/30

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -202.225+/-1060.379 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2246.523+/-981.635 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

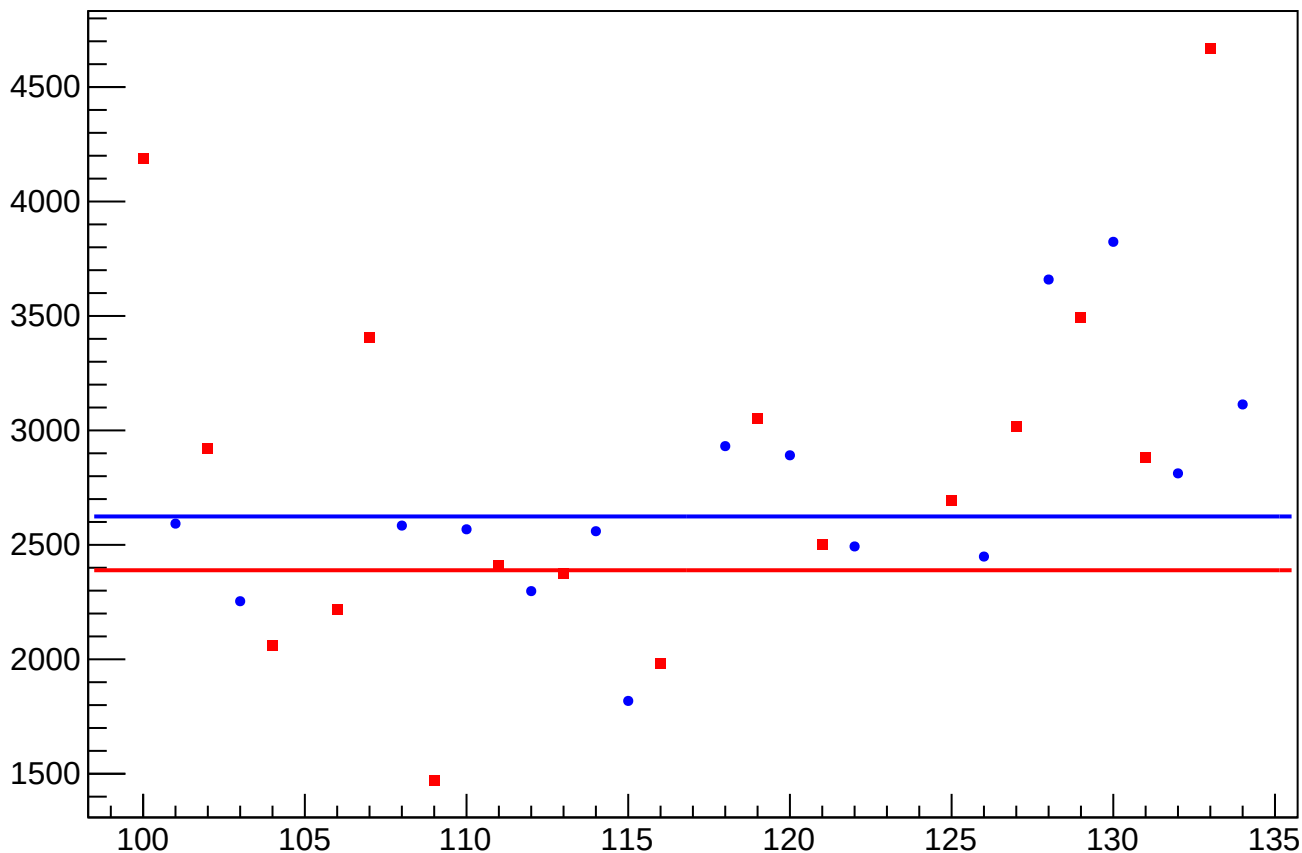
Right: 1116.438+/-720.352 χ^2/NDF : 29.7/30

In: -202.225+/-1060.379 χ^2/NDF : 16.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.438+/-720.352 χ^2/NDF : 29.7/30

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2624.105+/-0.750 χ^2/NDF : 335743.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2389.099+/-0.694 χ^2/NDF : 943524.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

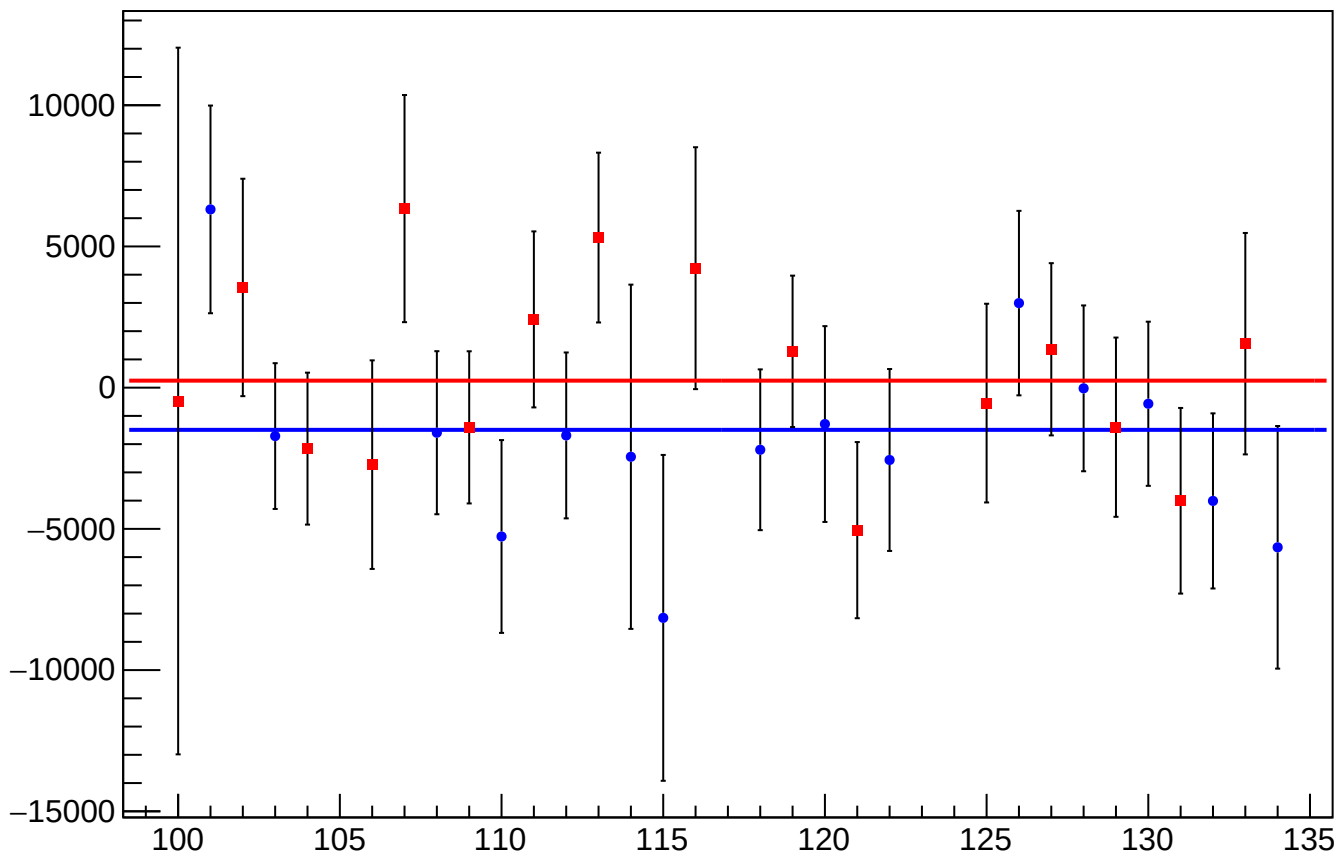
Right: 2497.553+/-0.509 χ^2/NDF : 1332168.3/30

In: 2624.105+/-0.750 χ^2/NDF : 335743.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.553+/-0.509 χ^2/NDF : 1332168.3/30

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1493.874 ± 847.480 $\chi^2/\text{NDF}: 11.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 248.411 ± 833.202 $\chi^2/\text{NDF}: 14.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

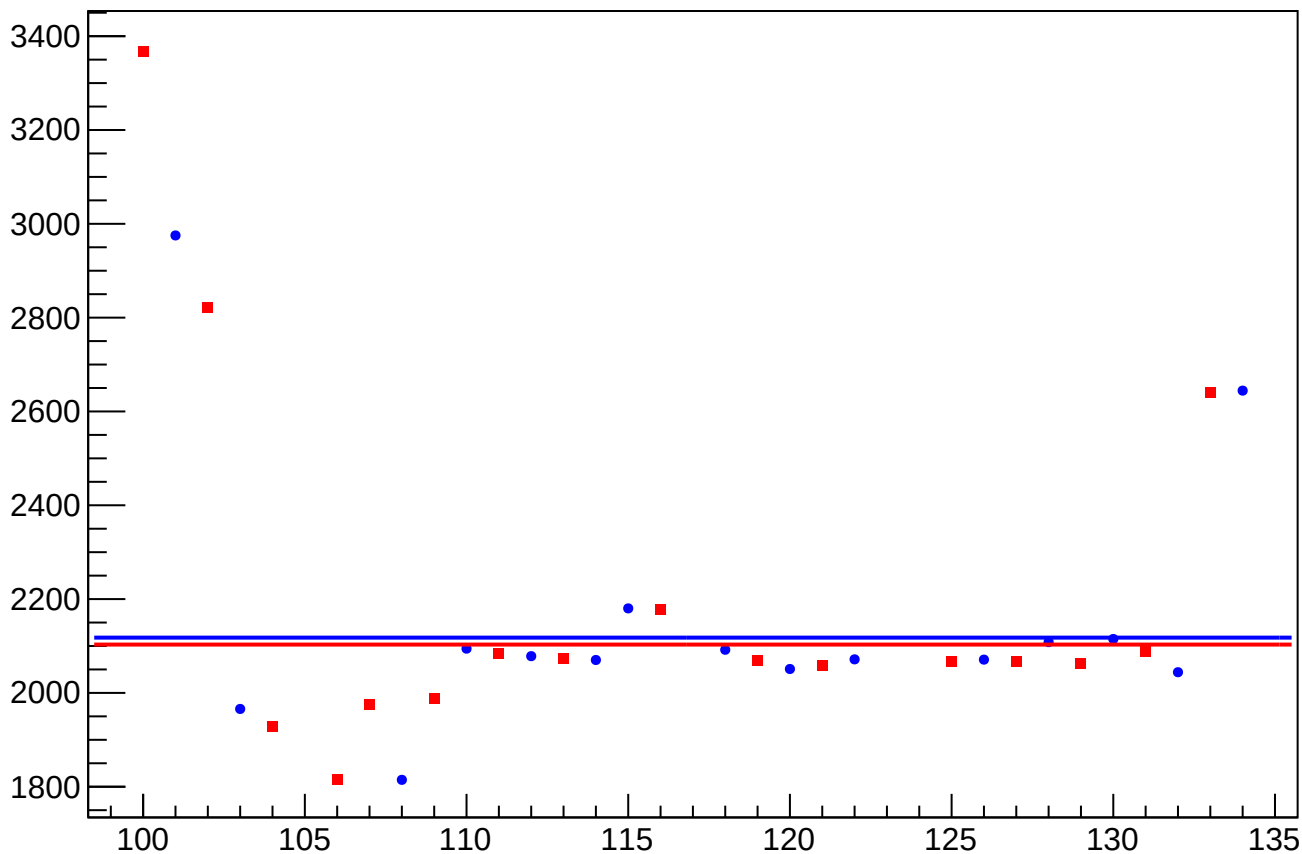
Right: -607.931 ± 594.146 $\chi^2/\text{NDF}: 27.6/30$

In: -1493.874 ± 847.480 $\chi^2/\text{NDF}: 11.1/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -607.931 ± 594.146 $\chi^2/\text{NDF}: 27.6/30$

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2117.857+/-0.599 χ^2/NDF : 171508.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.037+/-0.589 χ^2/NDF : 156199.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

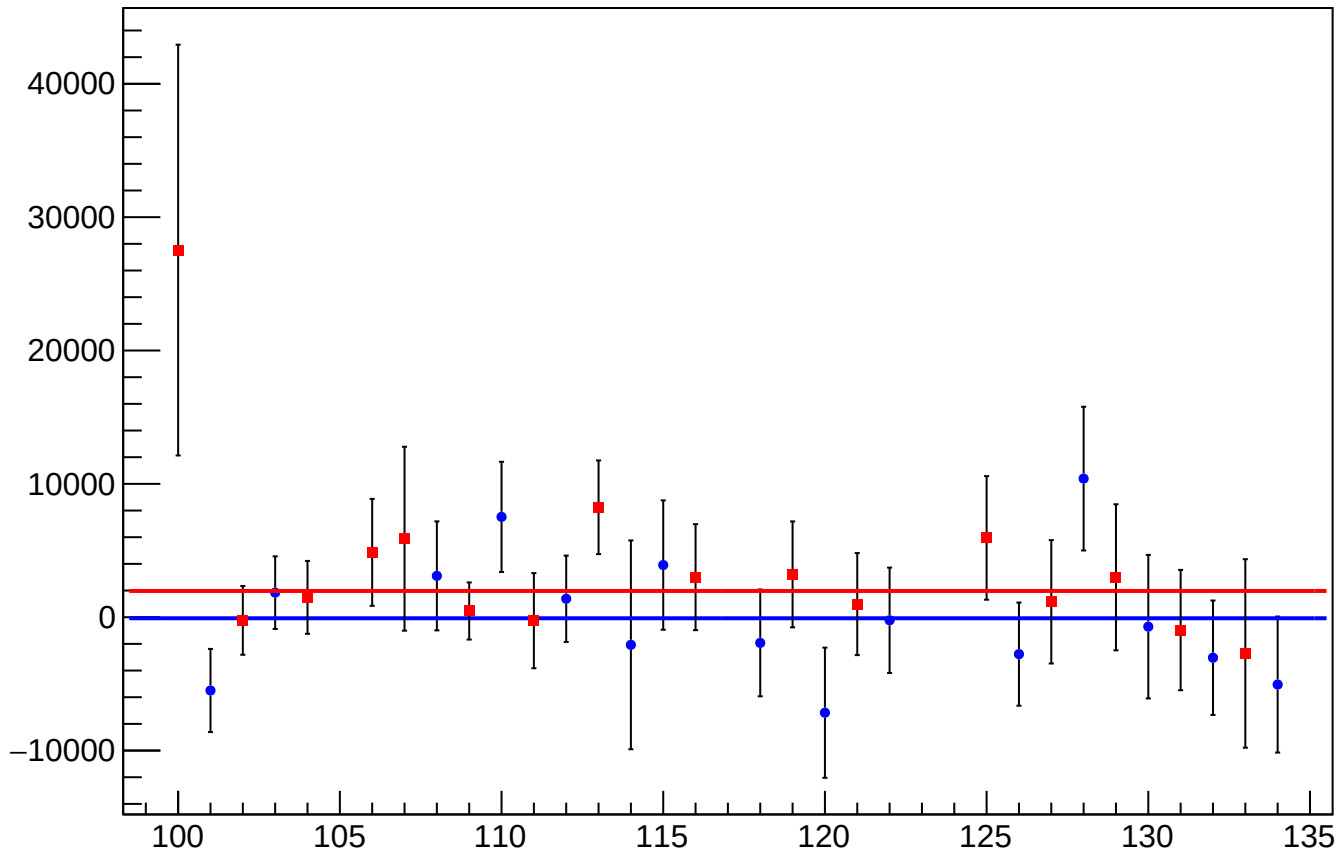
Right: 2110.321+/-0.420 χ^2/NDF : 328018.9/30

In: 2117.857+/-0.599 χ^2/NDF : 171508.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.321+/-0.420 χ^2/NDF : 328018.9/30

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -79.302+/-1049.768 χ^2/NDF : 16.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1968.873+/-936.476 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

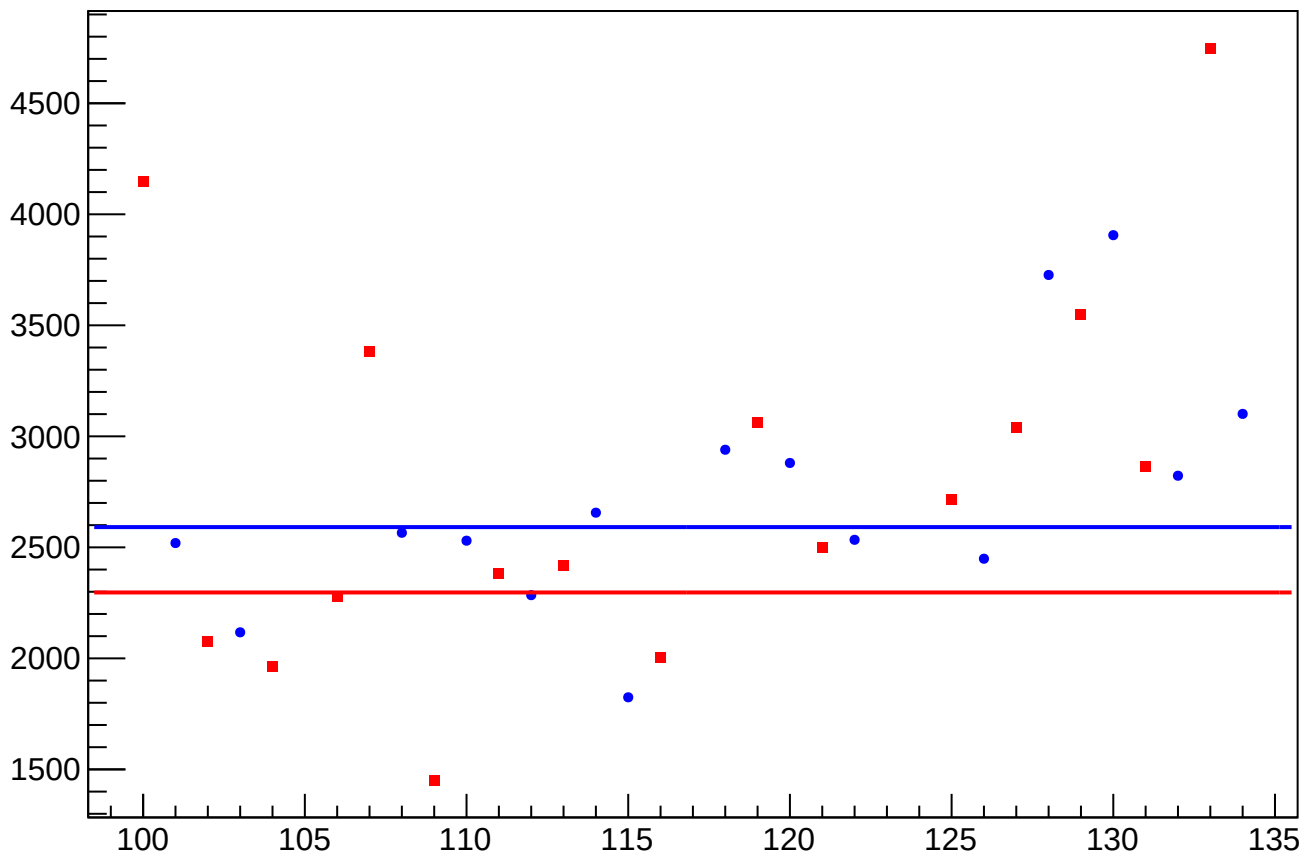
Right: 1061.232+/-698.823 χ^2/NDF : 28.9/30

In: -79.302+/-1049.768 χ^2/NDF : 16.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.232+/-698.823 χ^2/NDF : 28.9/30

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2591.251+/-0.742 χ^2/NDF : 389410.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2296.816+/-0.662 χ^2/NDF : 973456.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

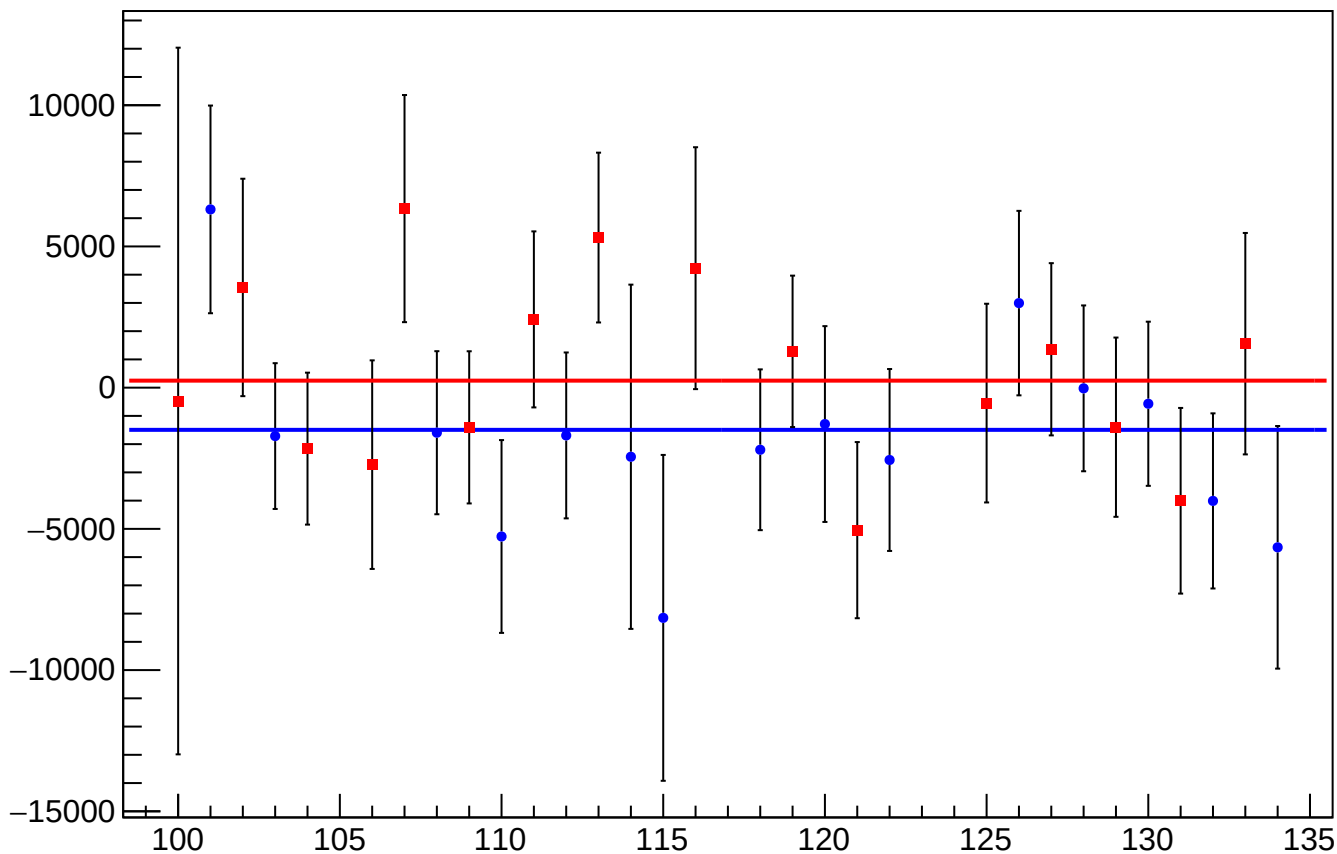
Right: 2427.294+/-0.494 χ^2/NDF : 1450479.7/30

In: 2591.251+/-0.742 χ^2/NDF :389410.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2427.294+/-0.494 χ^2/NDF : 1450479.7/30

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1493.869+/-847.480 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.406+/-833.202 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

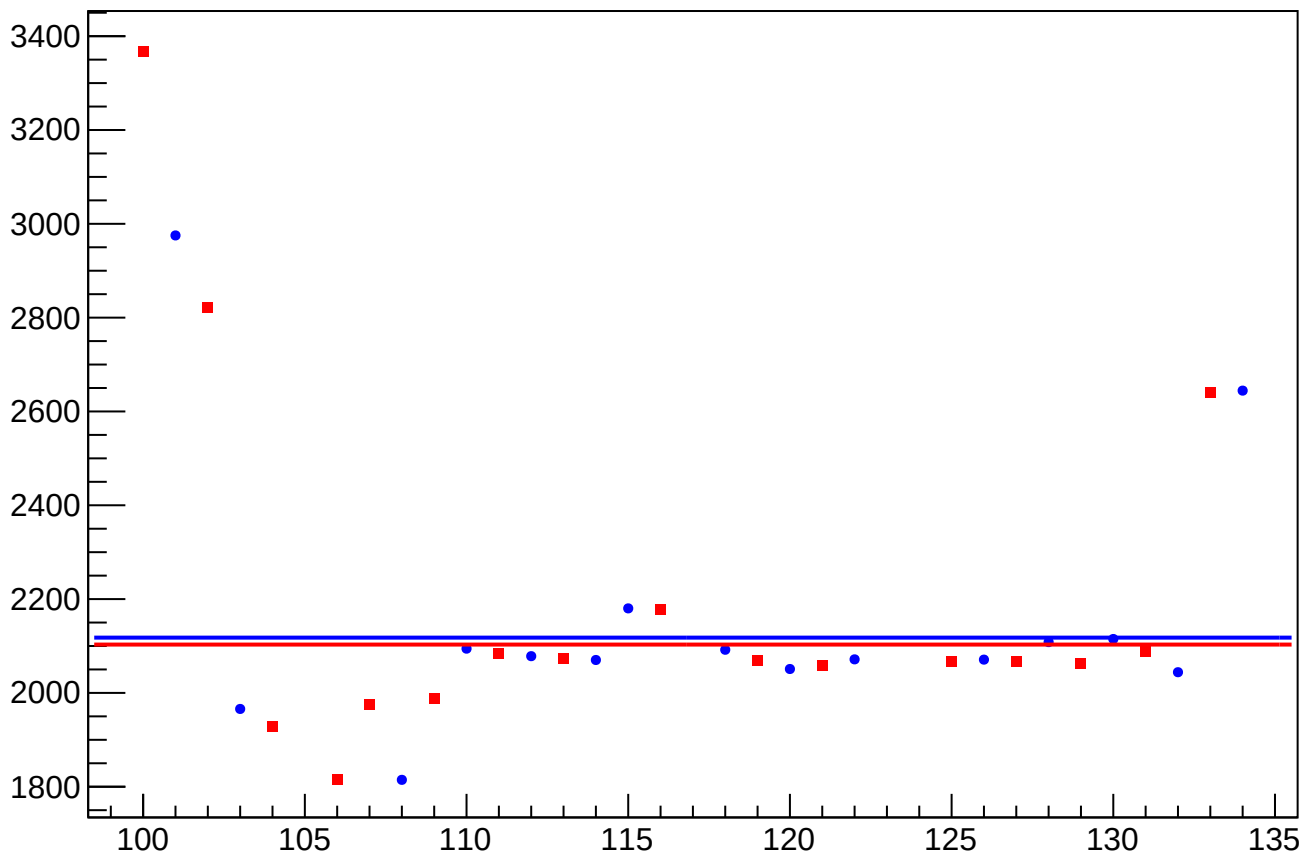
Right: -607.931+/-594.146 χ^2/NDF : 27.6/30

In: -1493.869+/-847.480 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.931+/-594.146 χ^2/NDF : 27.6/30

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2117.857+/-0.599 χ^2/NDF : 171508.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.037+/-0.589 χ^2/NDF : 156199.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

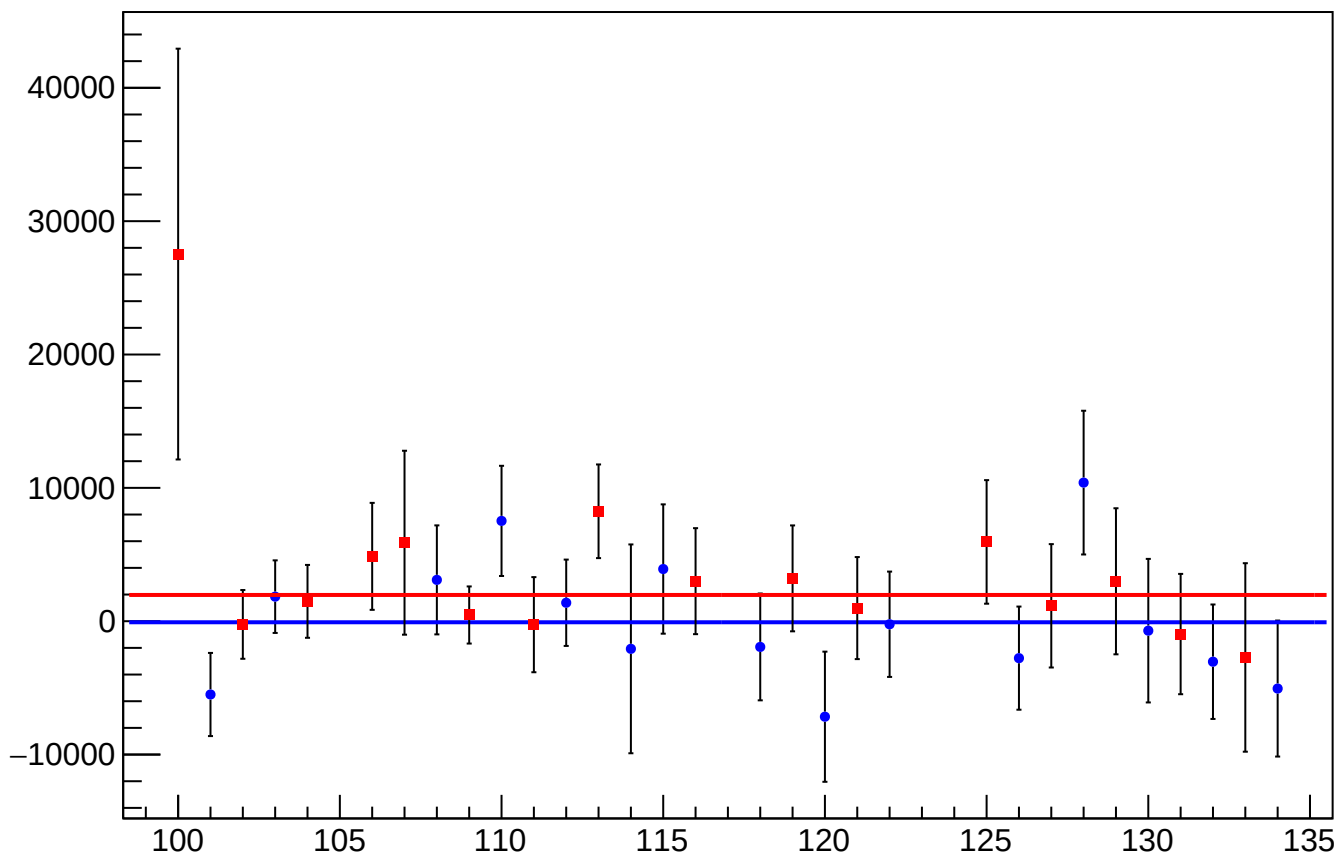
Right: 2110.321+/-0.420 χ^2/NDF : 328018.8/30

In: 2117.857+/-0.599 χ^2/NDF : 171508.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.321+/-0.420 χ^2/NDF : 328018.8/30

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -79.302 ± 1049.766 χ^2/NDF : 16.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1968.876 ± 936.476 χ^2/NDF : 10.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

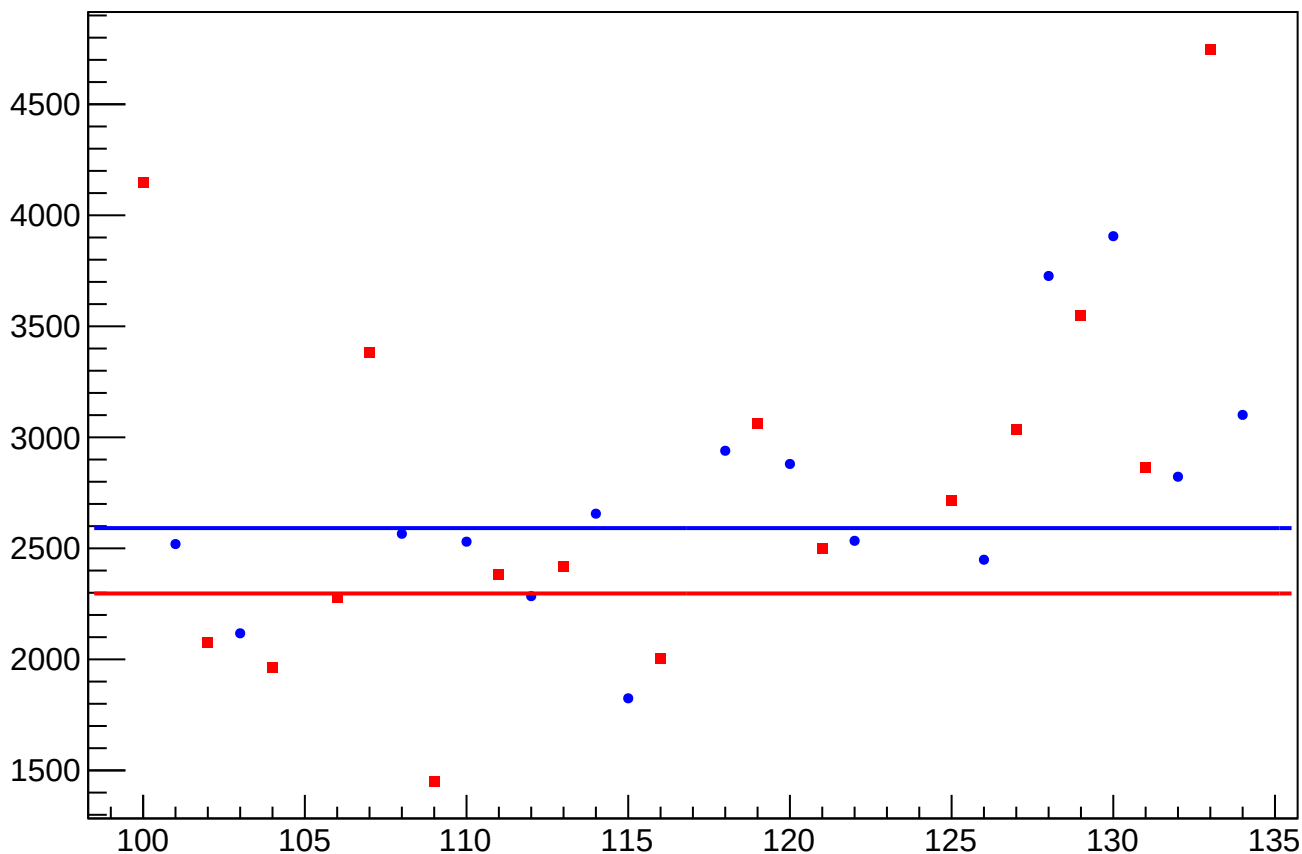
Right: 1061.231 ± 698.822 χ^2/NDF : 28.9/30

In: -79.302 ± 1049.766 χ^2/NDF : 16.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1061.231 ± 698.822 χ^2/NDF : 28.9/30

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2591.246+/-0.742 χ^2/NDF : 389403.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2296.819+/-0.662 χ^2/NDF : 973435.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

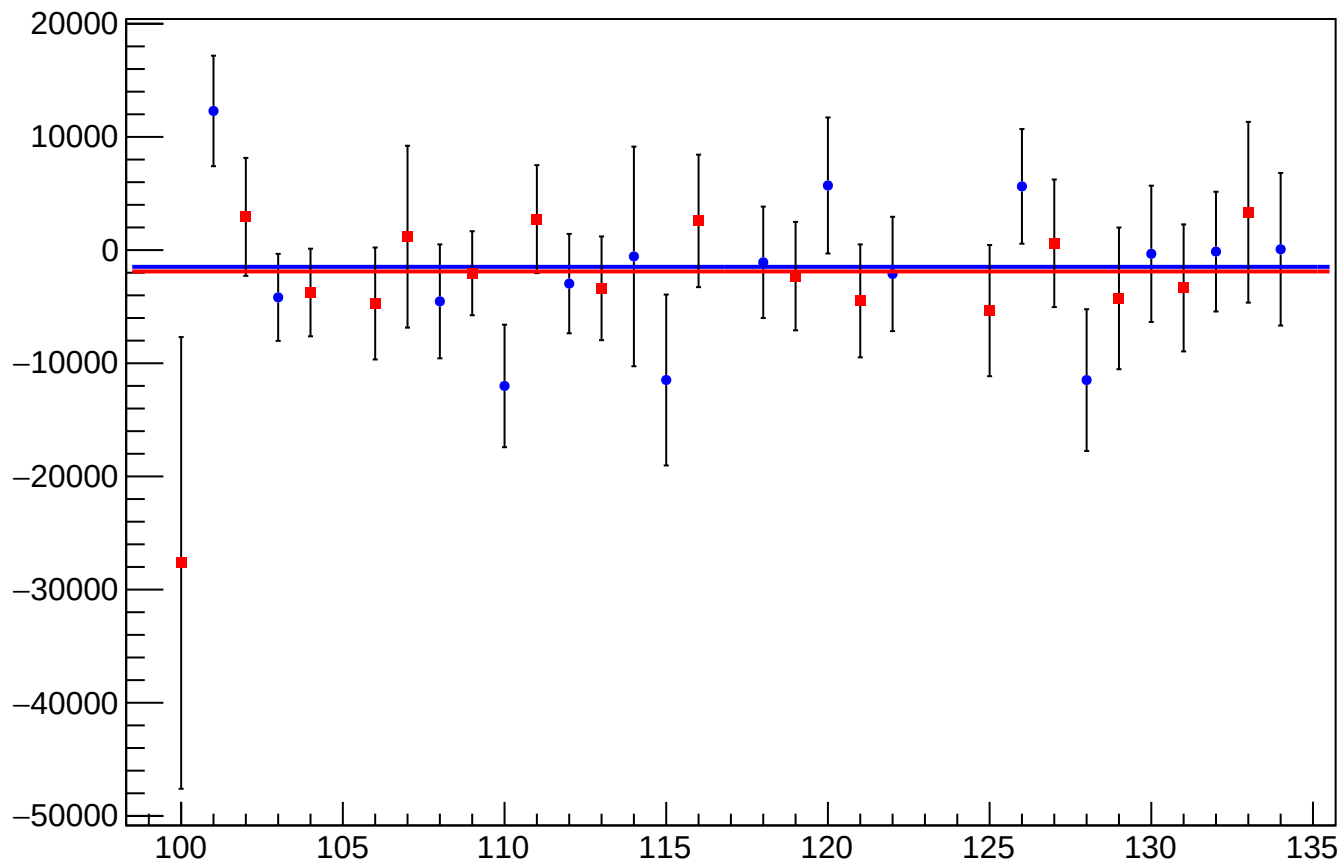
Right: 2427.294+/-0.494 χ^2/NDF : 1450446.7/30

In: 2591.246+/-0.742 χ^2/NDF :389403.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2427.294+/-0.494 χ^2/NDF : 1450446.7/30

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1479.301+/-1385.365 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1887.448+/-1320.376 χ^2/NDF : 6.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

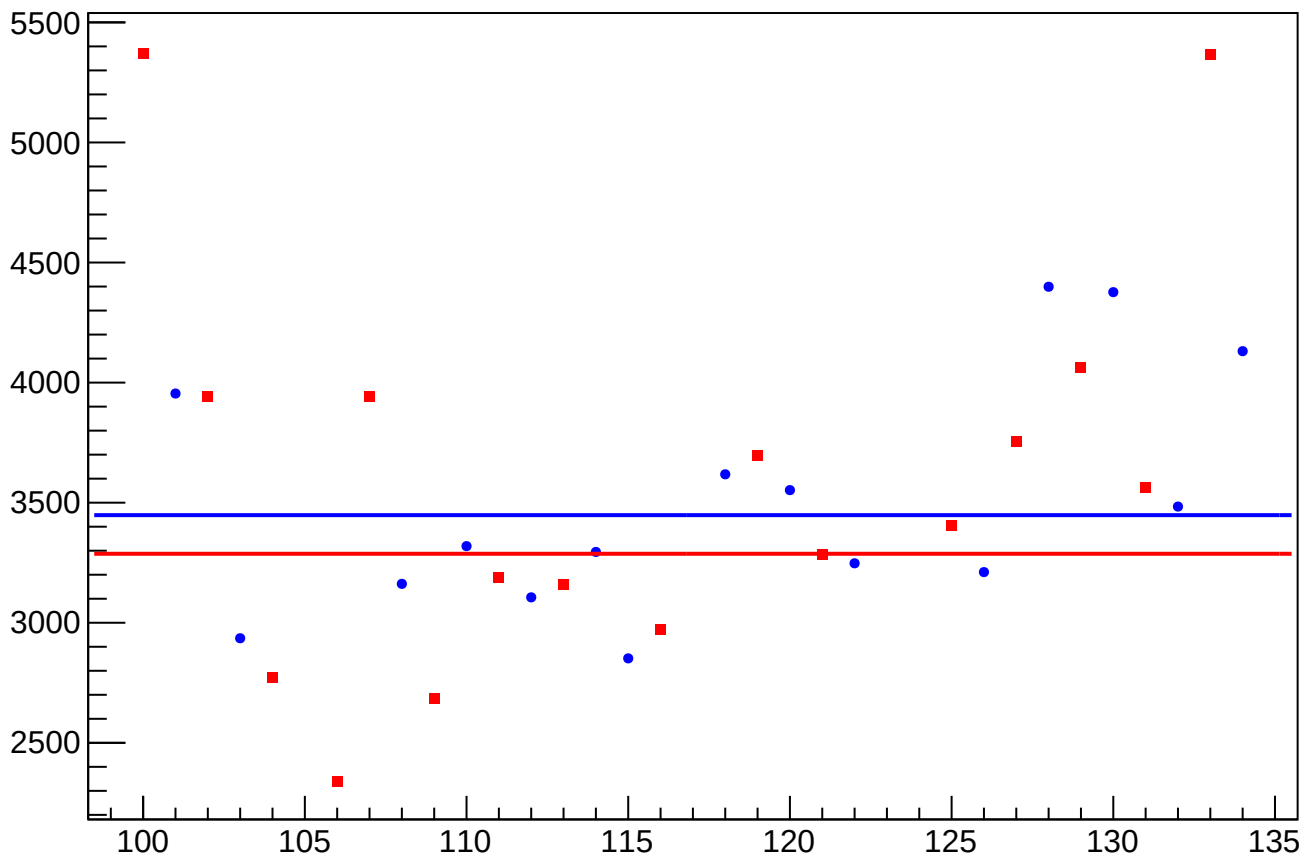
Right: -1693.172+/-955.796 χ^2/NDF : 27.0/30

In: -1479.301+/-1385.365 χ^2/NDF : 20.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1693.172+/-955.796 χ^2/NDF : 27.0/30

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3448.114+/-0.980 χ^2/NDF : 214582.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3287.256+/-0.934 χ^2/NDF : 436877.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

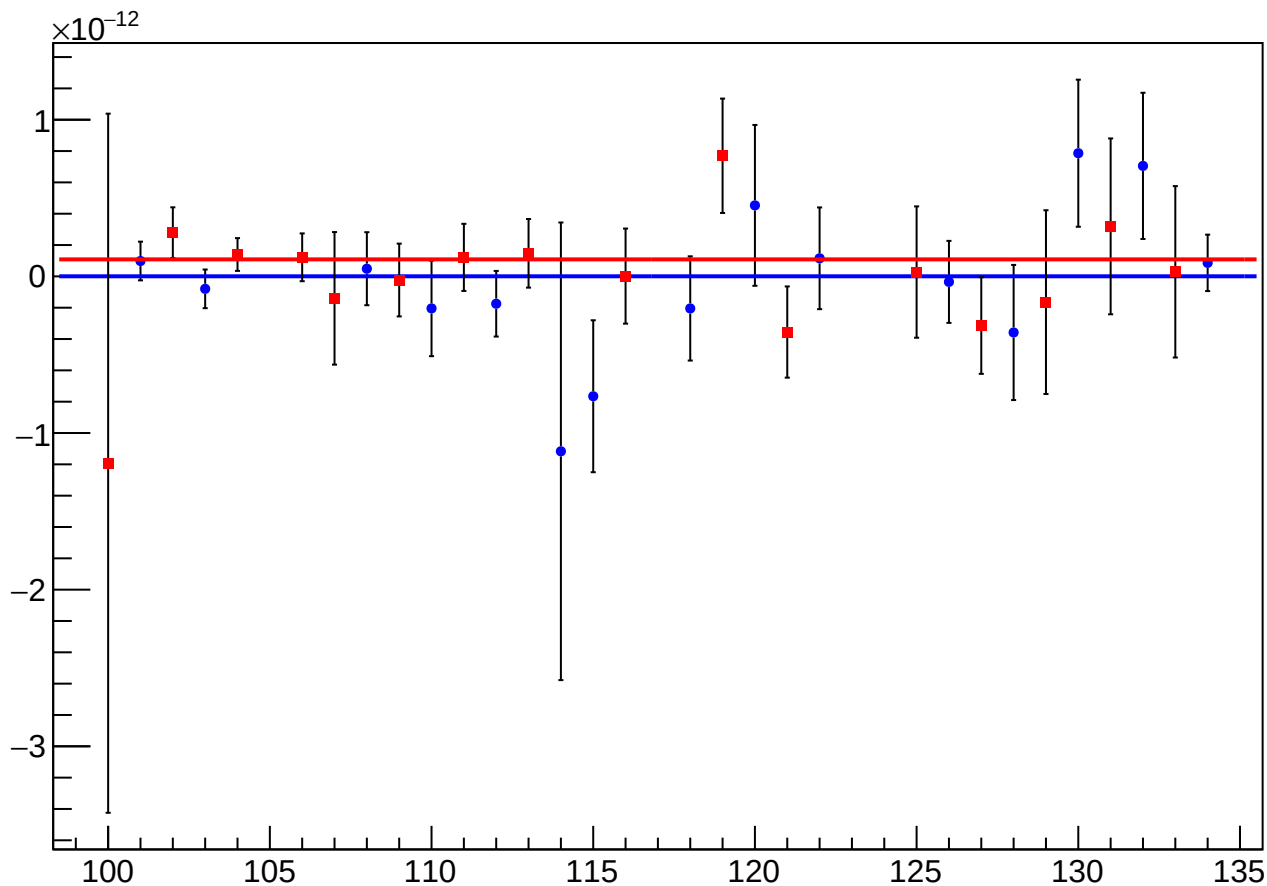
Right: 3363.822+/-0.676 χ^2/NDF : 665589.8/30

In: 3448.114+/-0.980 χ^2/NDF : 214582.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3363.822+/-0.676 χ^2/NDF : 665589.8/30

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

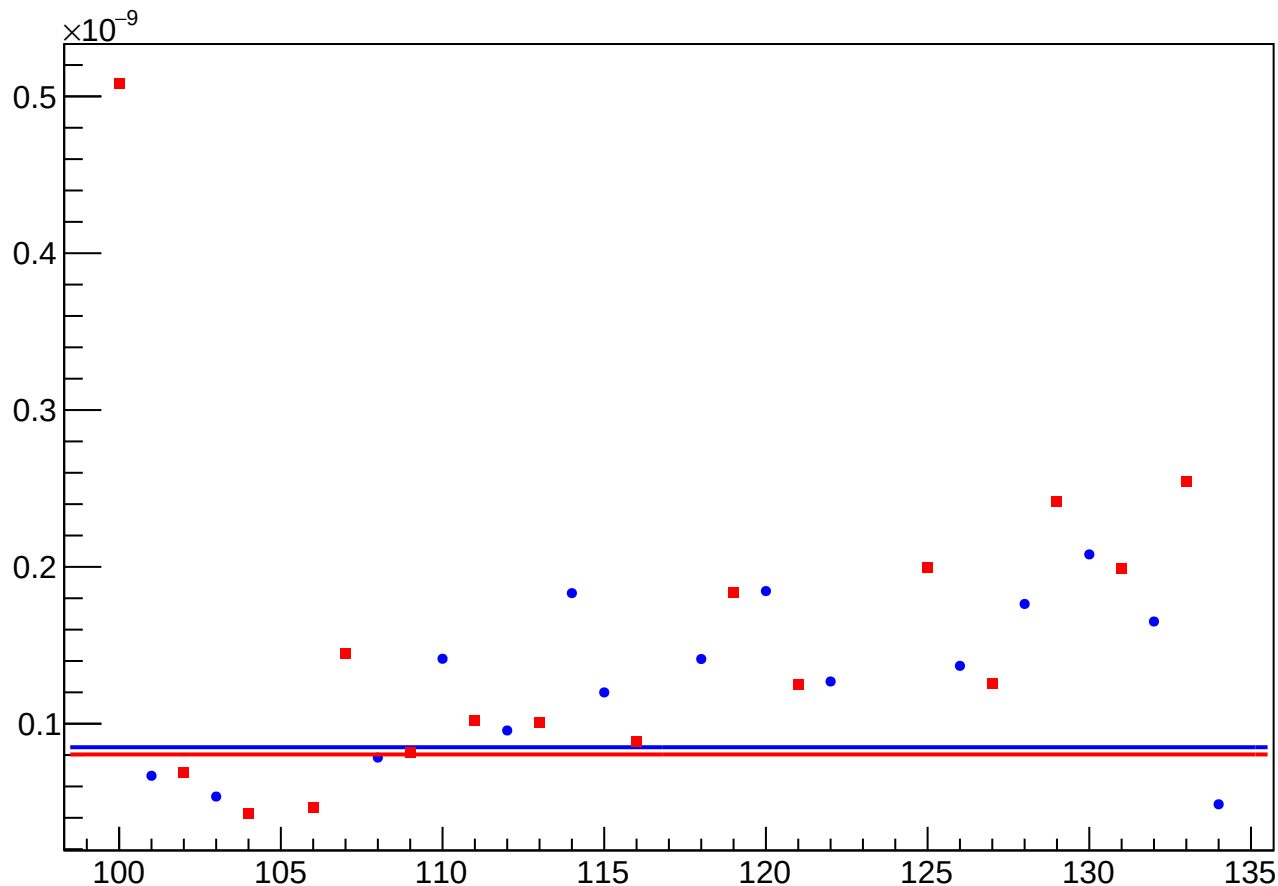
Right: 0.000+/-0.000 χ^2/NDF : 24.7/30

In: 0.000+/-0.000 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/30

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 879847.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1381960.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

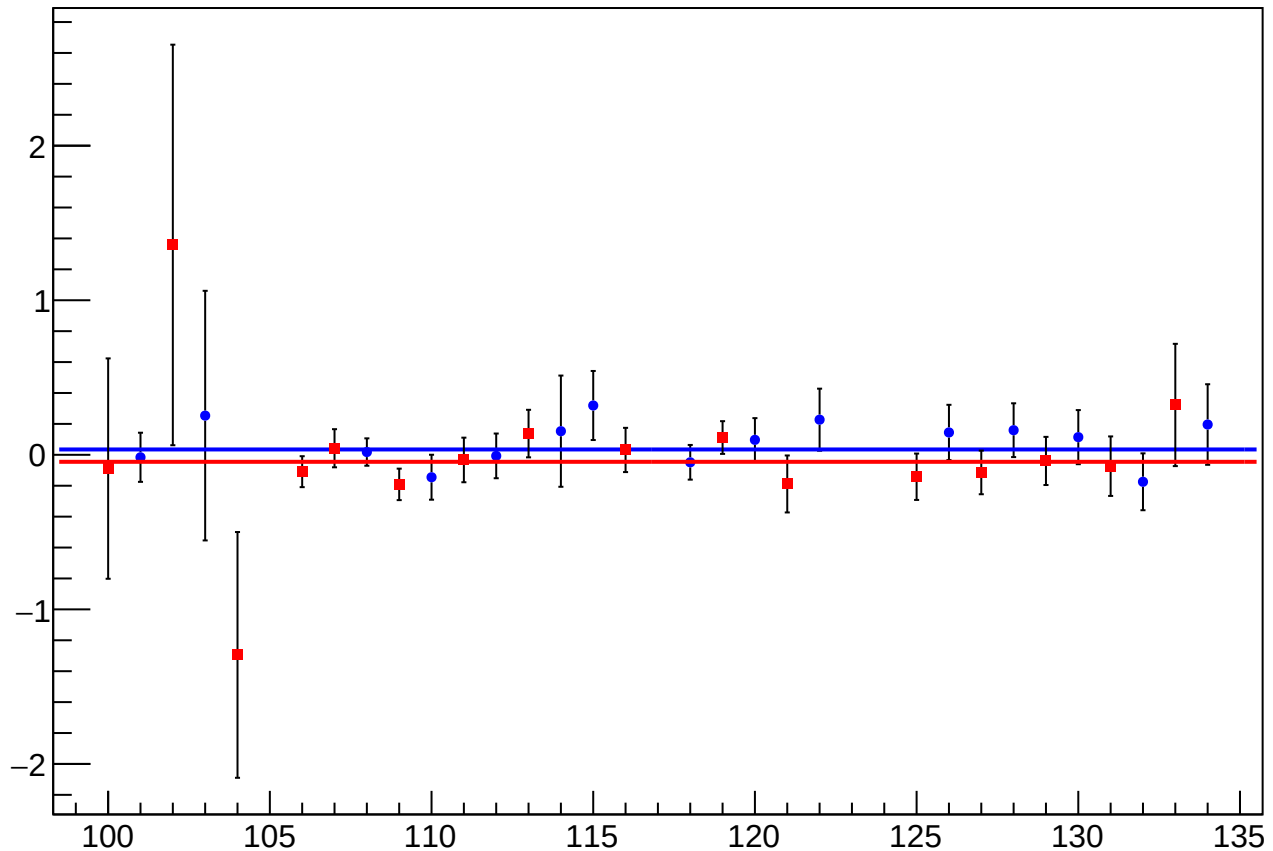
Right: 0.000+/-0.000 χ^2/NDF : 2267779.2/30

In: 0.000+/-0.000 χ^2/NDF :879847.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2267779.2/30

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

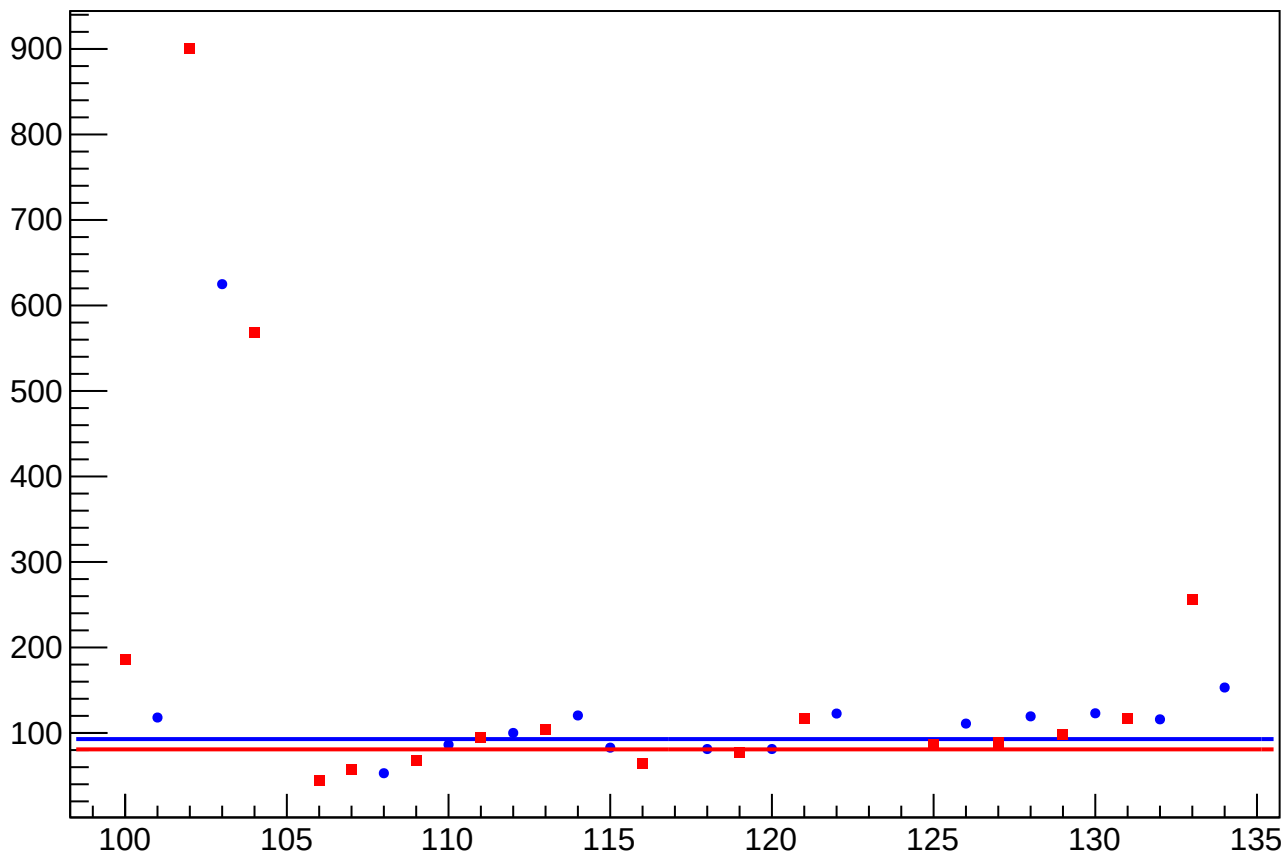
Right: -0.009 $\pm$ 0.028 χ^2 /NDF: 22.7/30

In: 0.035 $\pm$ 0.041 χ^2 /NDF:8.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.028 χ^2 /NDF: 22.7/30

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.852+/-0.029 χ^2/NDF : 1694538.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.815+/-0.027 χ^2/NDF : 2646359.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

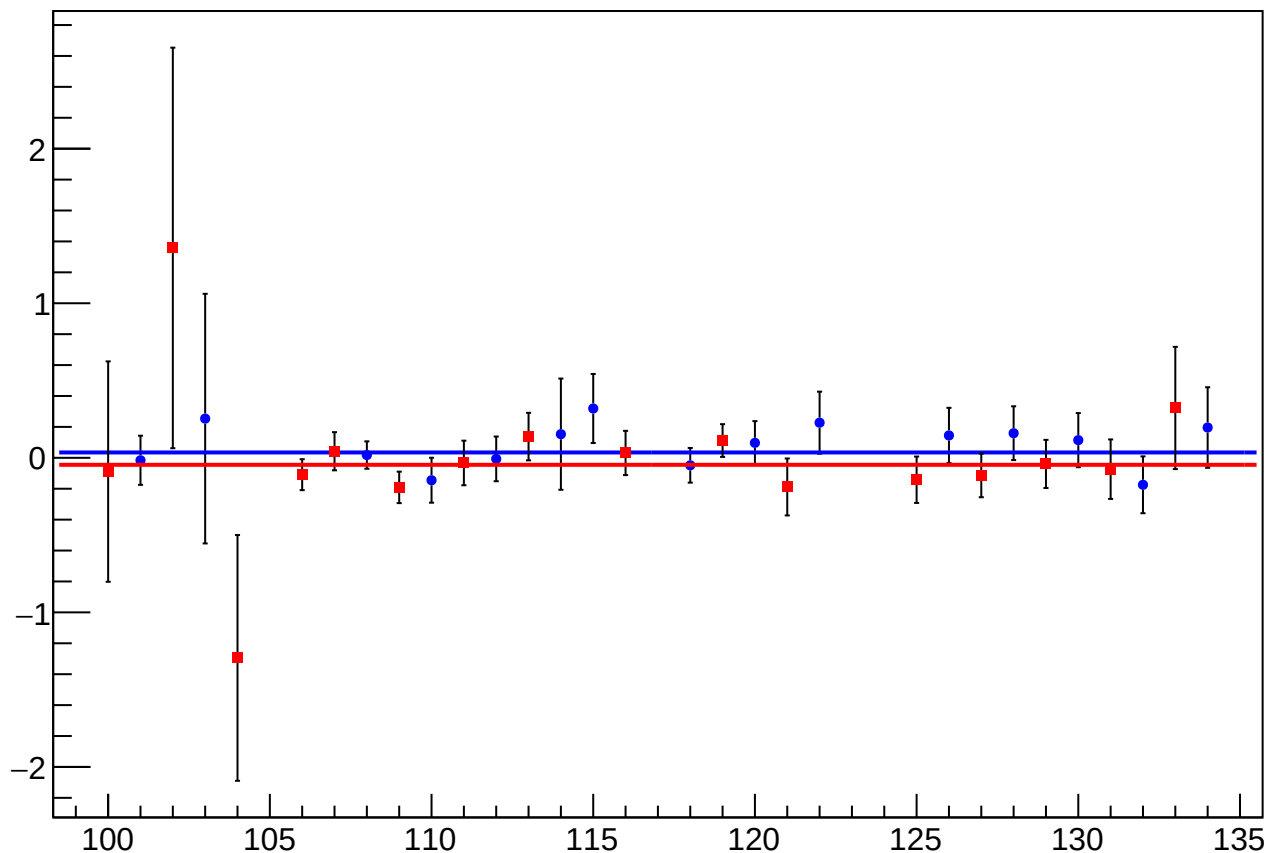
Right: 86.337+/-0.020 χ^2/NDF : 4433048.6/30

In: 92.852+/-0.029 χ^2/NDF : 1694538.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.337+/-0.020 χ^2/NDF : 4433048.6/30

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

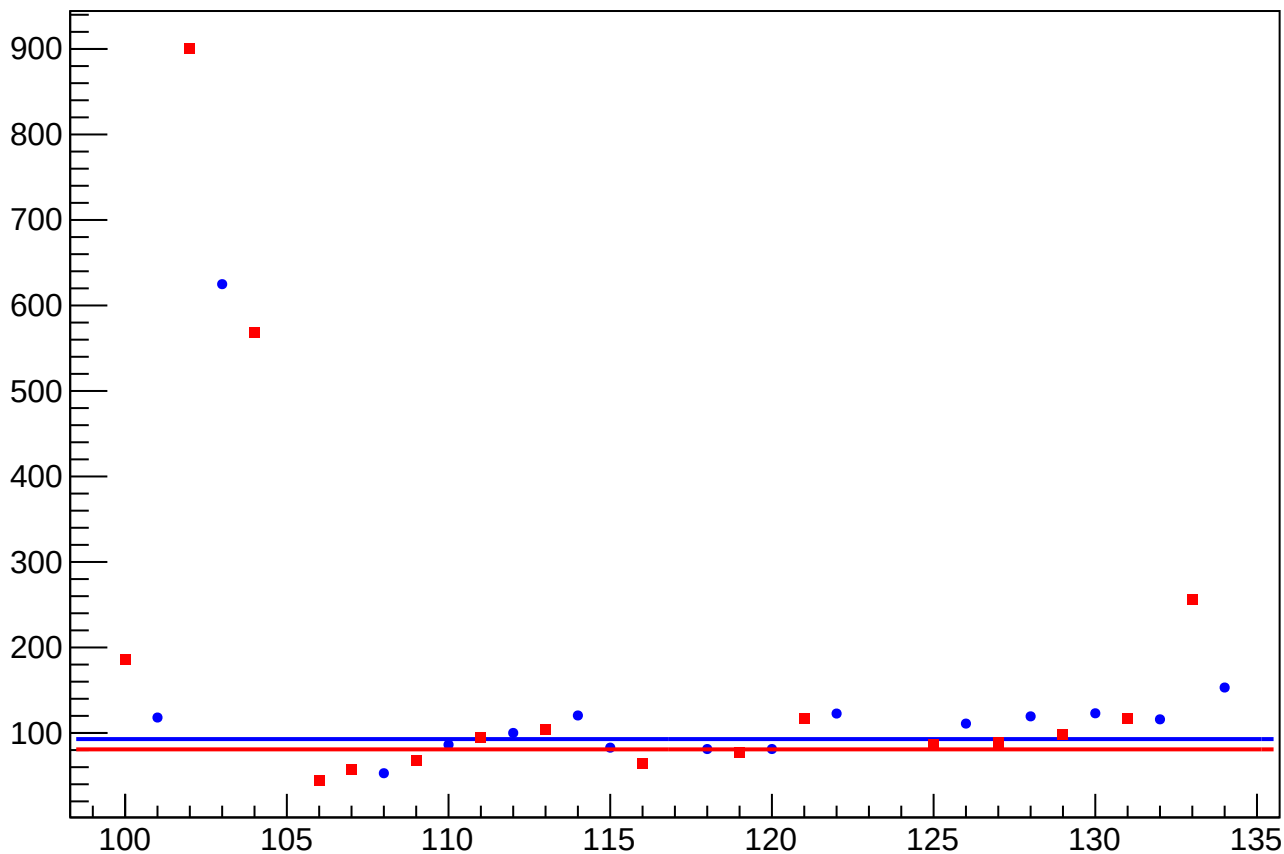
Right: -0.009 $\pm$ 0.028 χ^2 /NDF: 22.7/30

In: 0.035 $\pm$ 0.041 χ^2 /NDF:8.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.028 χ^2 /NDF: 22.7/30

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.852 $\pm$ 0.029 χ^2 /NDF: 1694538.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.815 $\pm$ 0.027 χ^2 /NDF: 2646359.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

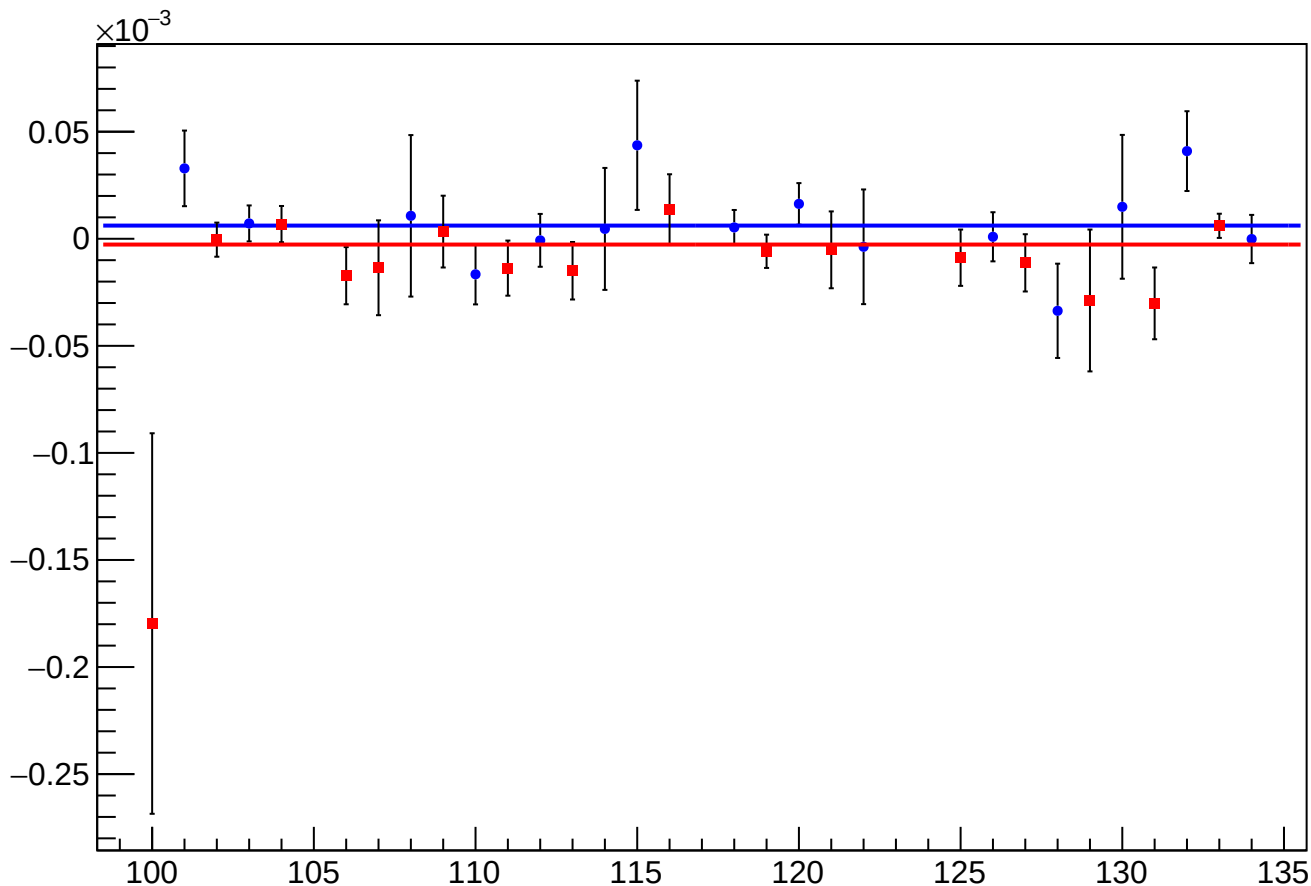
Right: 86.337 $\pm$ 0.020 χ^2 /NDF: 4433048.6/30

In: 92.852 $\pm$ 0.029 χ^2 /NDF:1694538.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.337 $\pm$ 0.020 χ^2 /NDF: 4433048.6/30

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 15.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

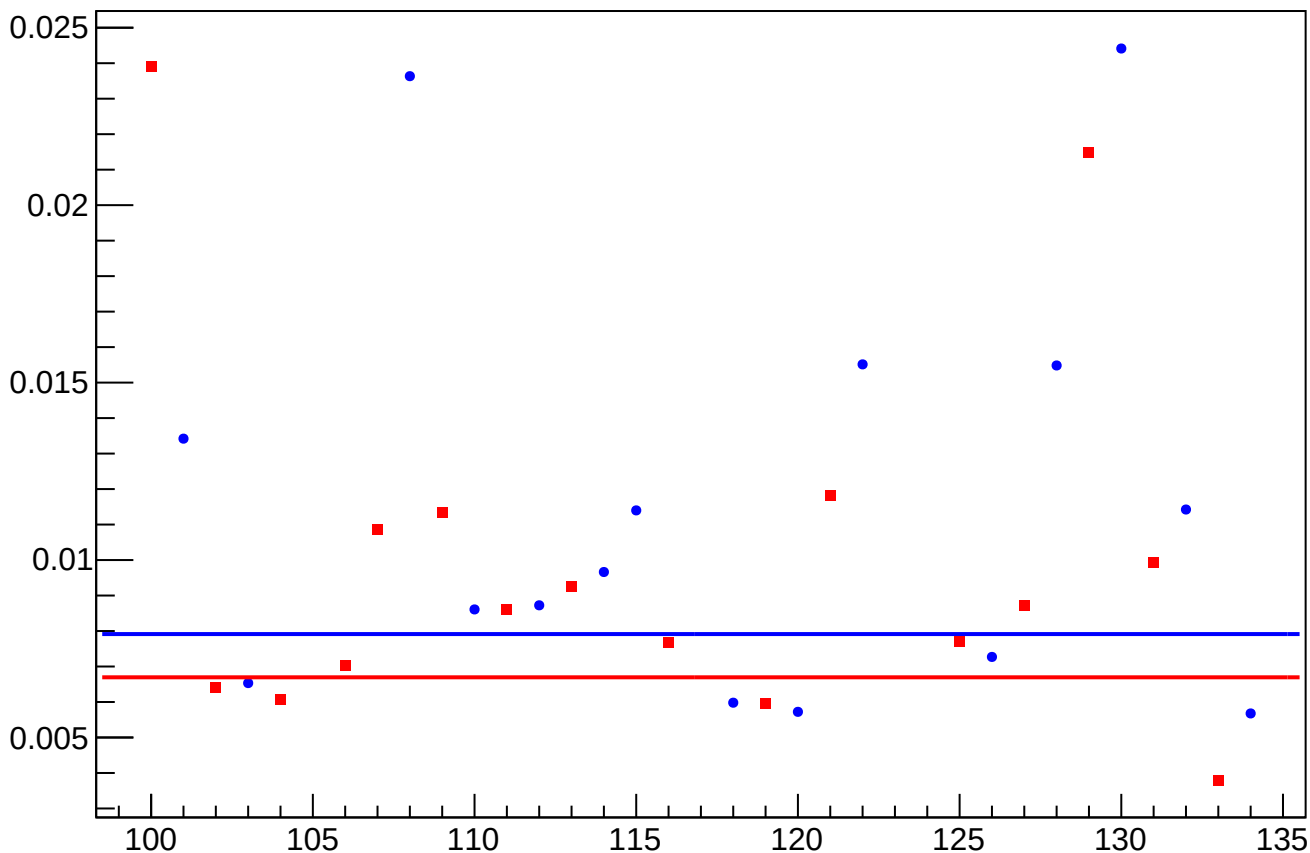
Right: 0.000 ± 0.000 χ^2/NDF : 35.1/30

In: 0.000 ± 0.000 χ^2/NDF : 15.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 35.1/30

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1894659.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1681221.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

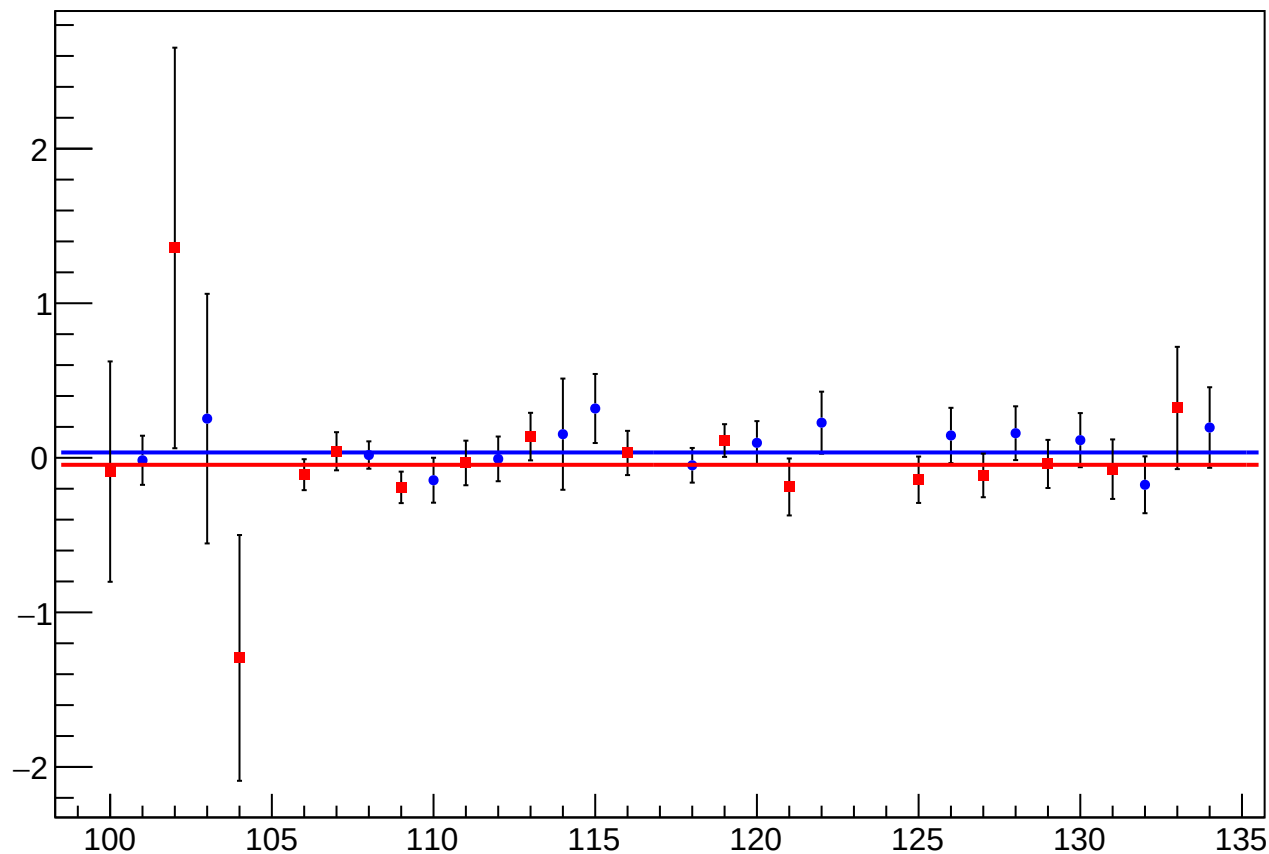
Right: 0.007+/-0.000 χ^2/NDF : 3720369.1/30

In: 0.008+/-0.000 χ^2/NDF :1894659.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3720369.1/30

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

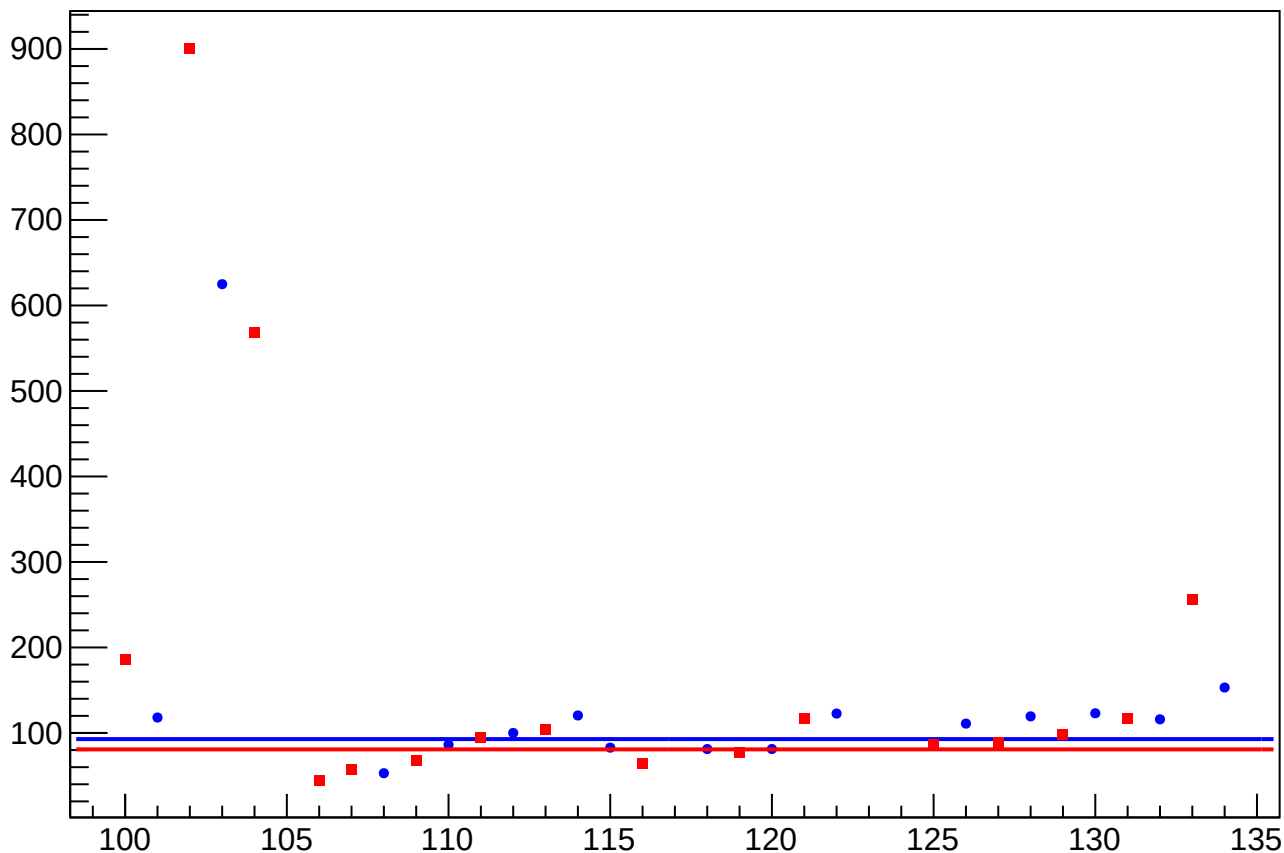
Right: -0.009 $\pm$ 0.028 χ^2 /NDF: 22.7/30

In: 0.035 $\pm$ 0.041 χ^2 /NDF:8.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.028 χ^2 /NDF: 22.7/30

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.856+/-0.029 χ^2/NDF : 1694202.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.814+/-0.027 χ^2/NDF : 2646326.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

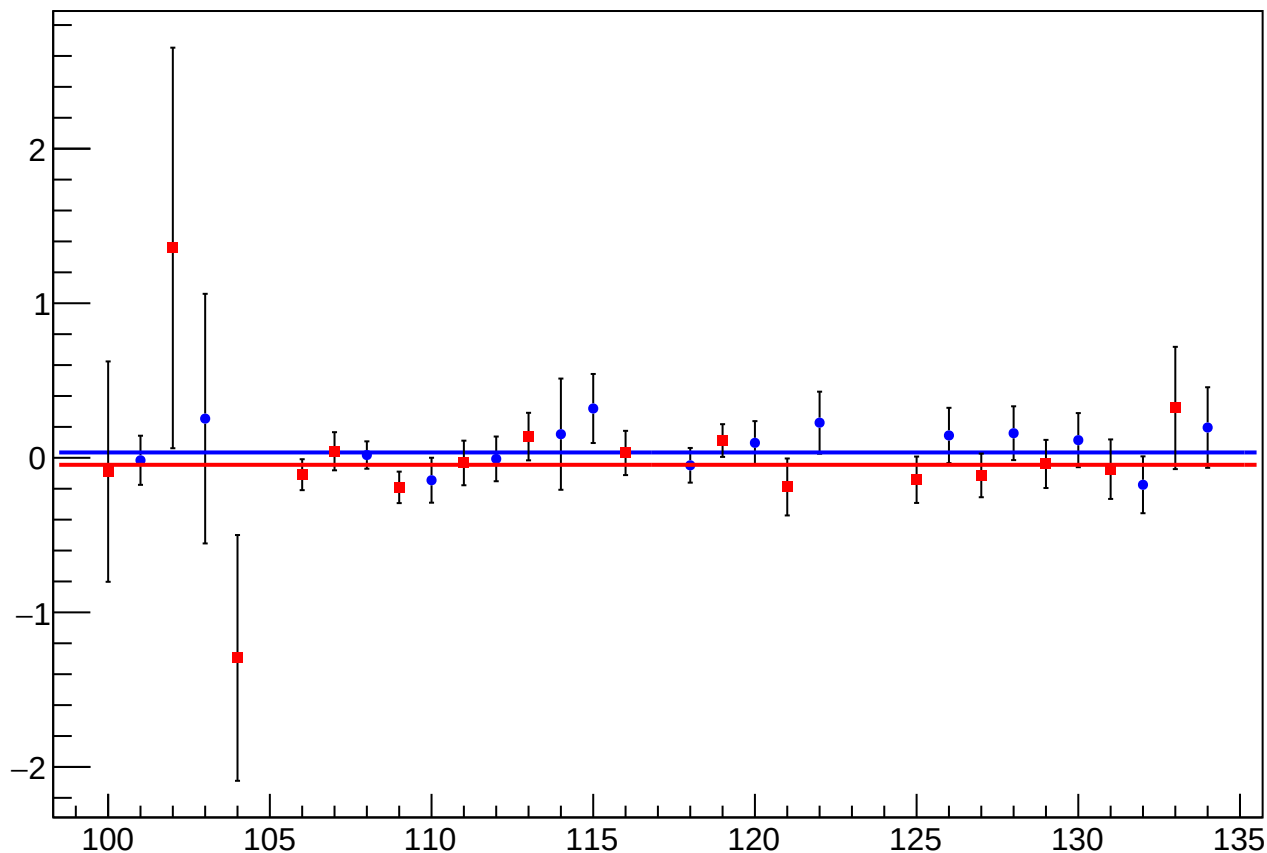
Right: 86.338+/-0.020 χ^2/NDF : 4432747.9/30

In: 92.856+/-0.029 χ^2/NDF : 1694202.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.338+/-0.020 χ^2/NDF : 4432747.9/30

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 ± 0.041 χ^2/NDF : 8.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.045 ± 0.038 χ^2/NDF : 12.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

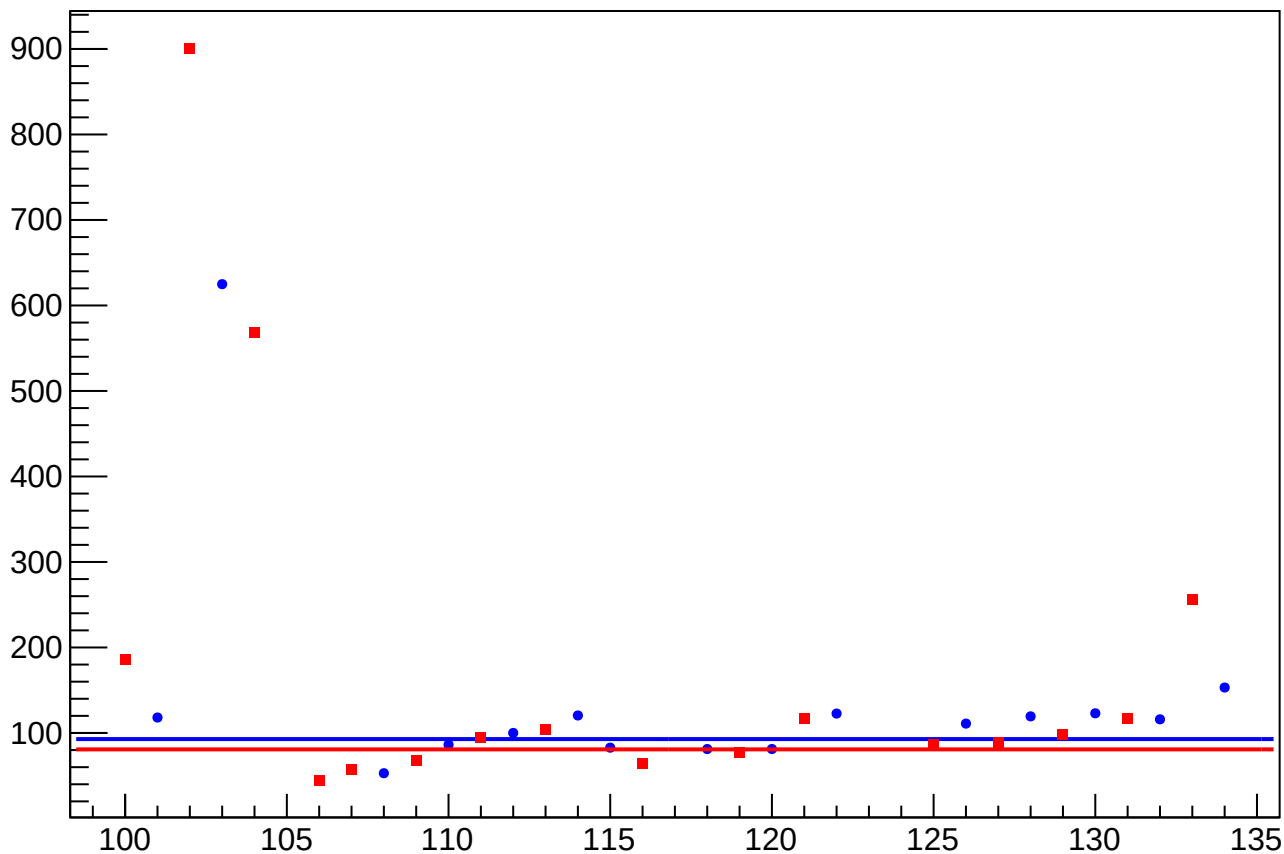
Right: -0.009 ± 0.028 χ^2/NDF : 22.7/30

In: 0.035 ± 0.041 χ^2/NDF : 8.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.028 χ^2/NDF : 22.7/30

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.856 $\pm$ 0.029 χ^2 /NDF: 1694202.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.814 $\pm$ 0.027 χ^2 /NDF: 2646326.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

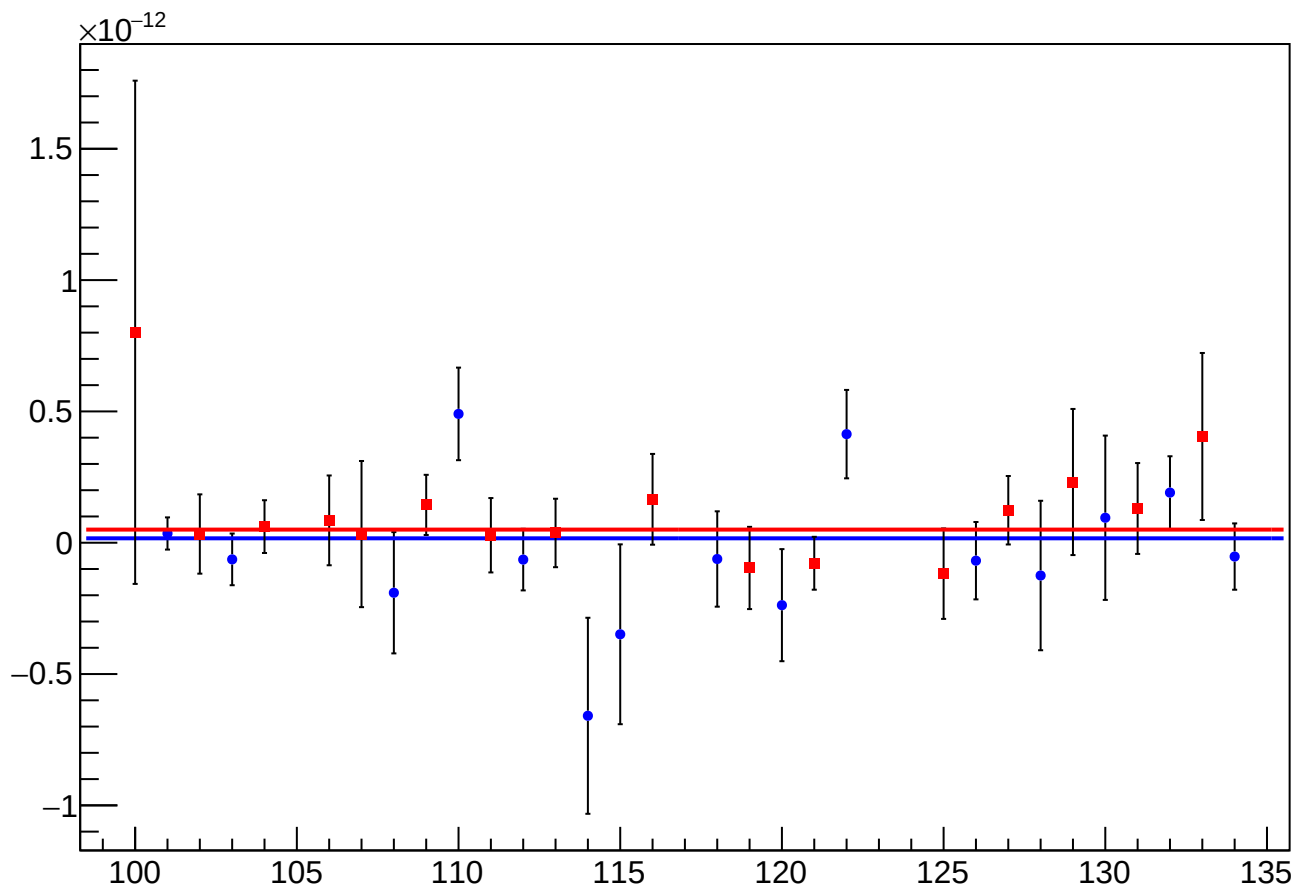
Right: 86.338 $\pm$ 0.020 χ^2 /NDF: 4432747.9/30

In: 92.856 $\pm$ 0.029 χ^2 /NDF:1694202.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.338 $\pm$ 0.020 χ^2 /NDF: 4432747.9/30

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

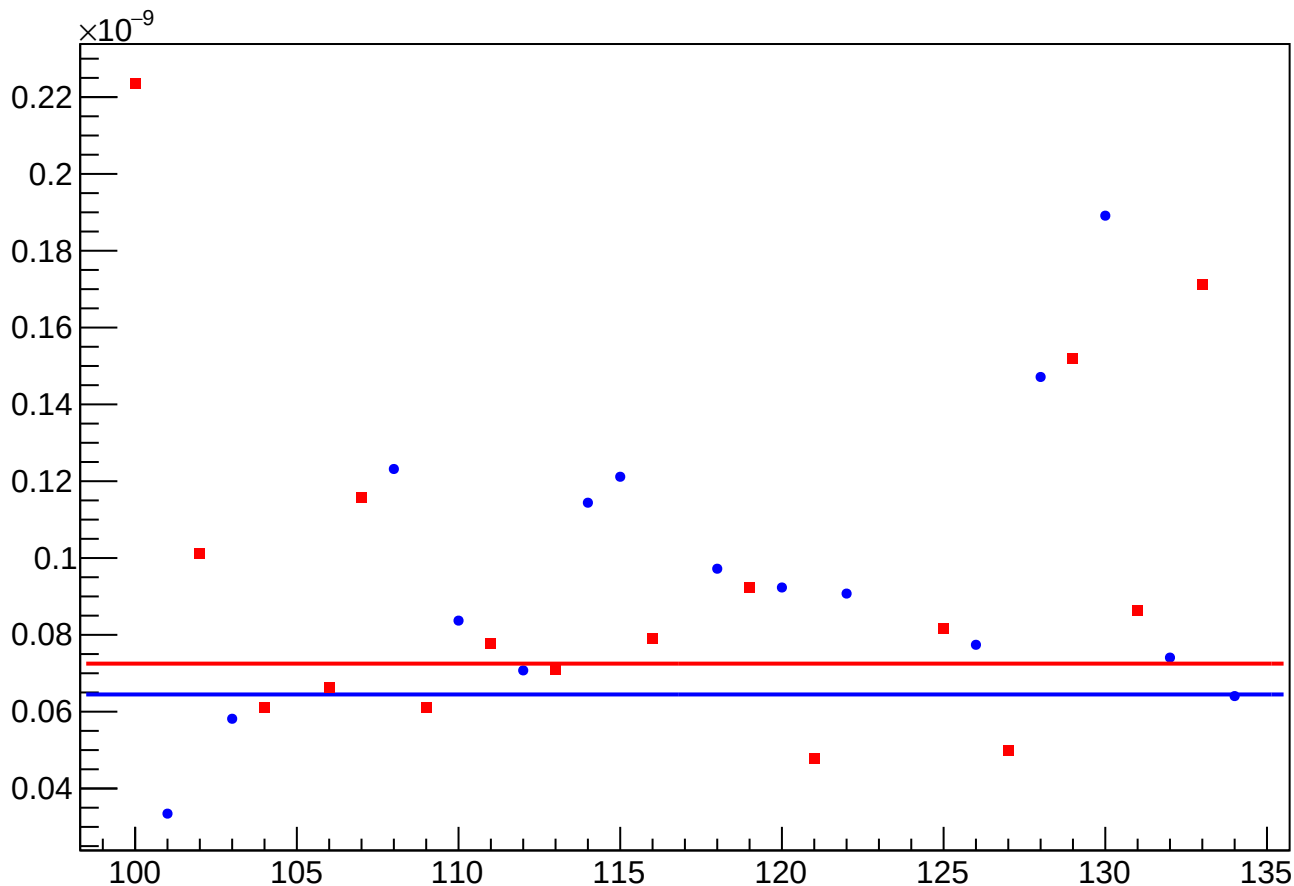
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/30

In: 0.000 $\pm$ 0.000 χ^2 /NDF:23.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/30

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 : 1429326.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 810031.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

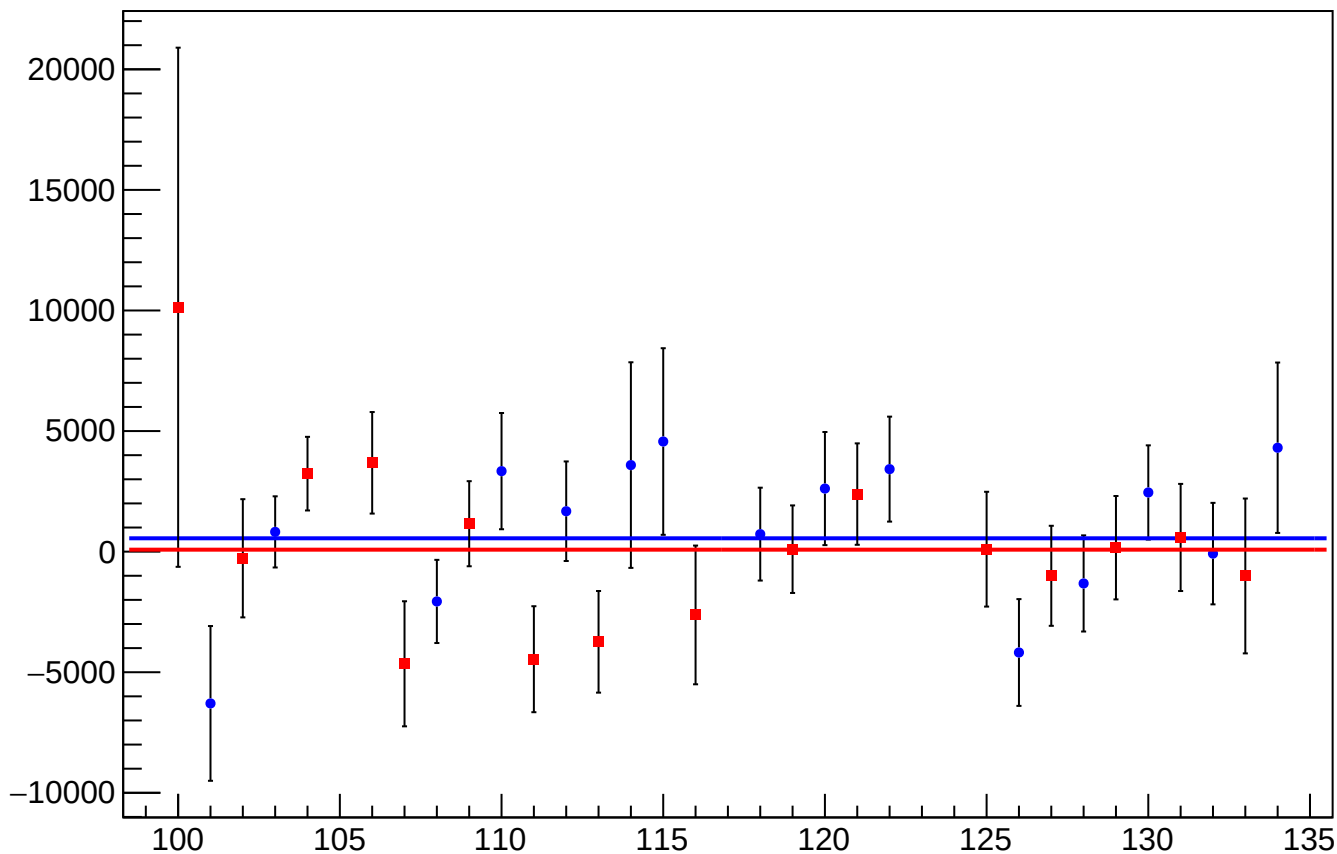
Right: 0.000+/-0.000 χ^2/NDF : 2286803.4/30

In: 0.000+/-0.000 χ^2/NDF : 1429326.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2286803.4/30

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 553.499+/-567.248 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.922+/-549.738 χ^2/NDF : 21.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

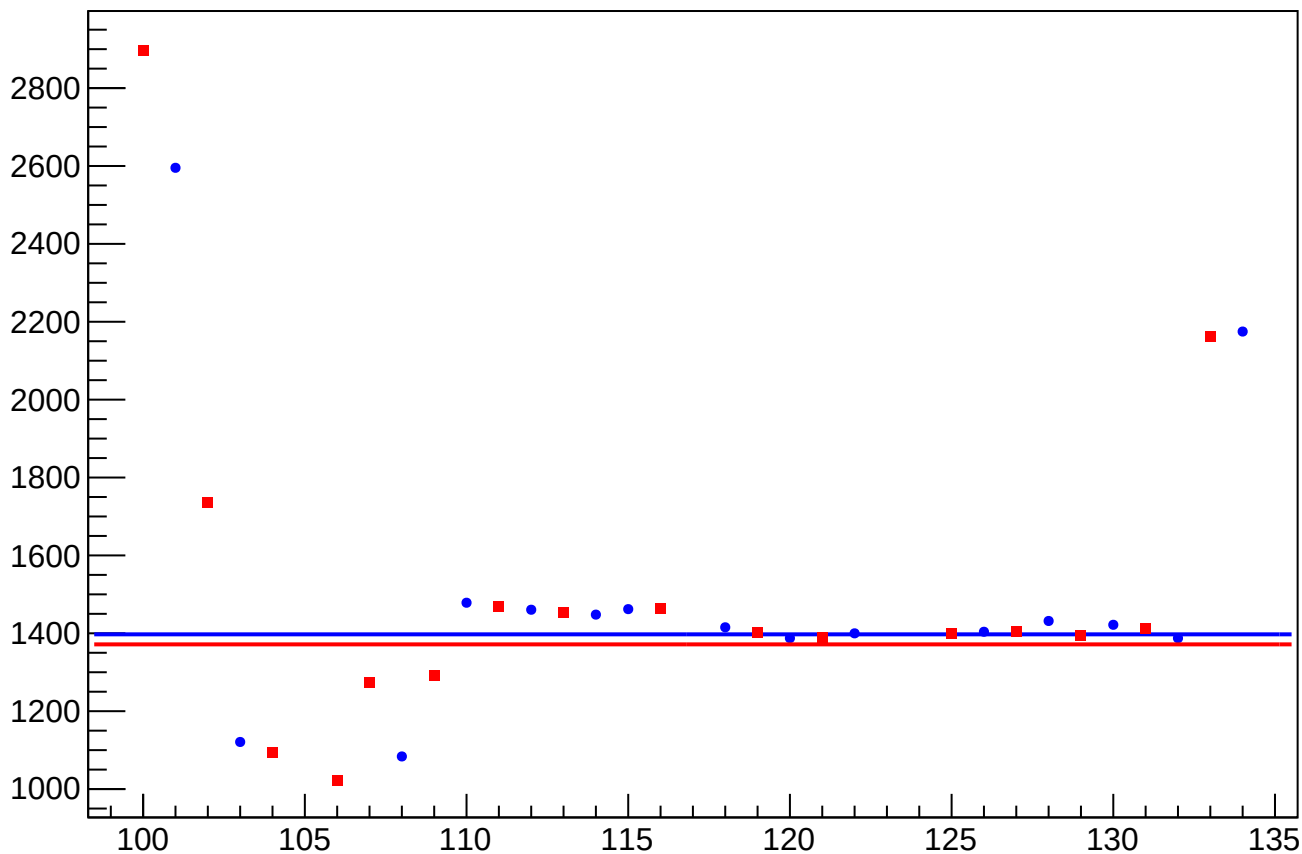
Right: 310.320+/-394.769 χ^2/NDF : 42.5/30

In: 553.499+/-567.248 χ^2/NDF : 20.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.320+/-394.769 χ^2/NDF : 42.5/30

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1397.343+/-0.401 χ^2/NDF : 518176.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.577+/-0.389 χ^2/NDF : 344992.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

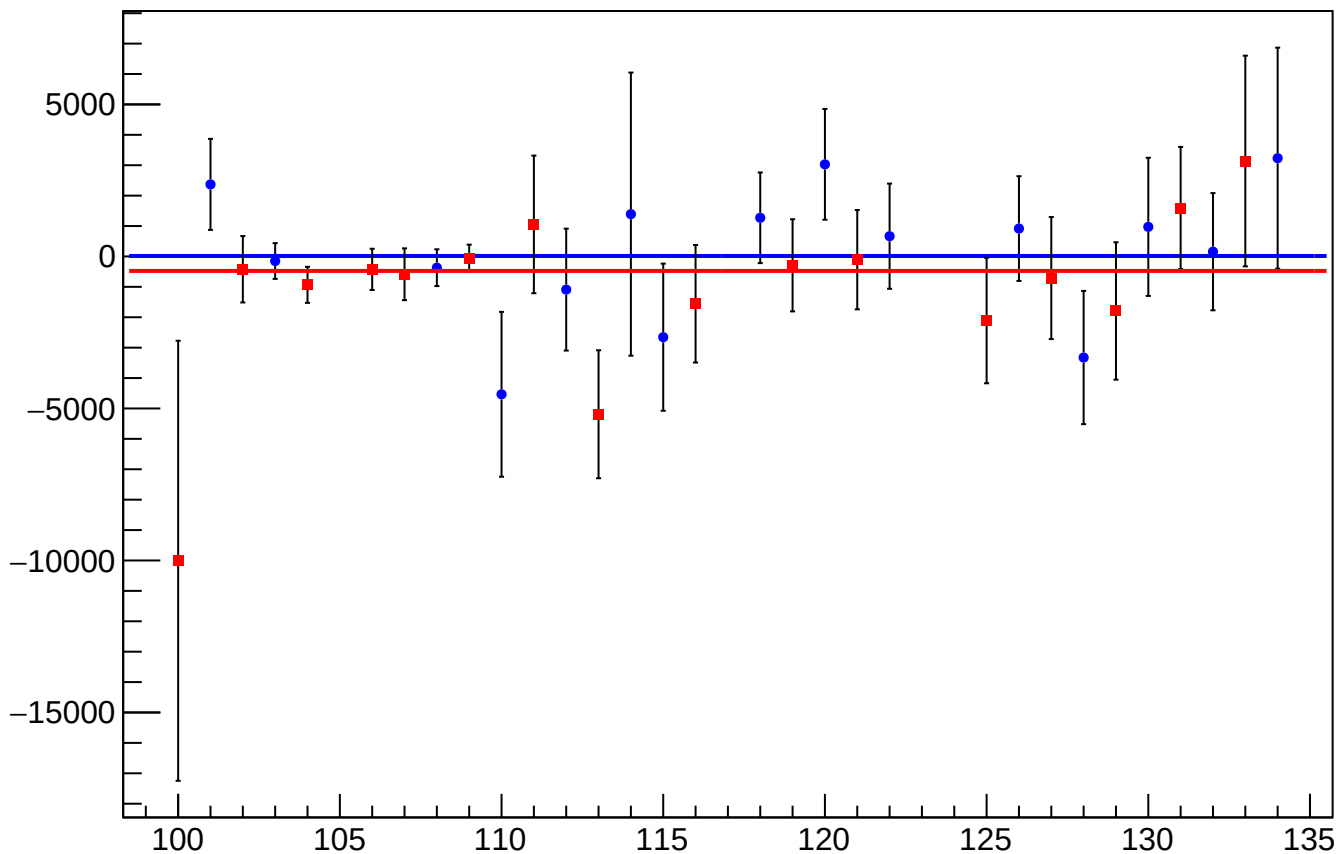
Right: 1384.056+/-0.279 χ^2/NDF : 865297.1/30

In: 1397.343+/-0.401 χ^2/NDF : 518176.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.056+/-0.279 χ^2/NDF : 865297.1/30

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 15.135+/-336.252 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -476.004+/-258.579 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

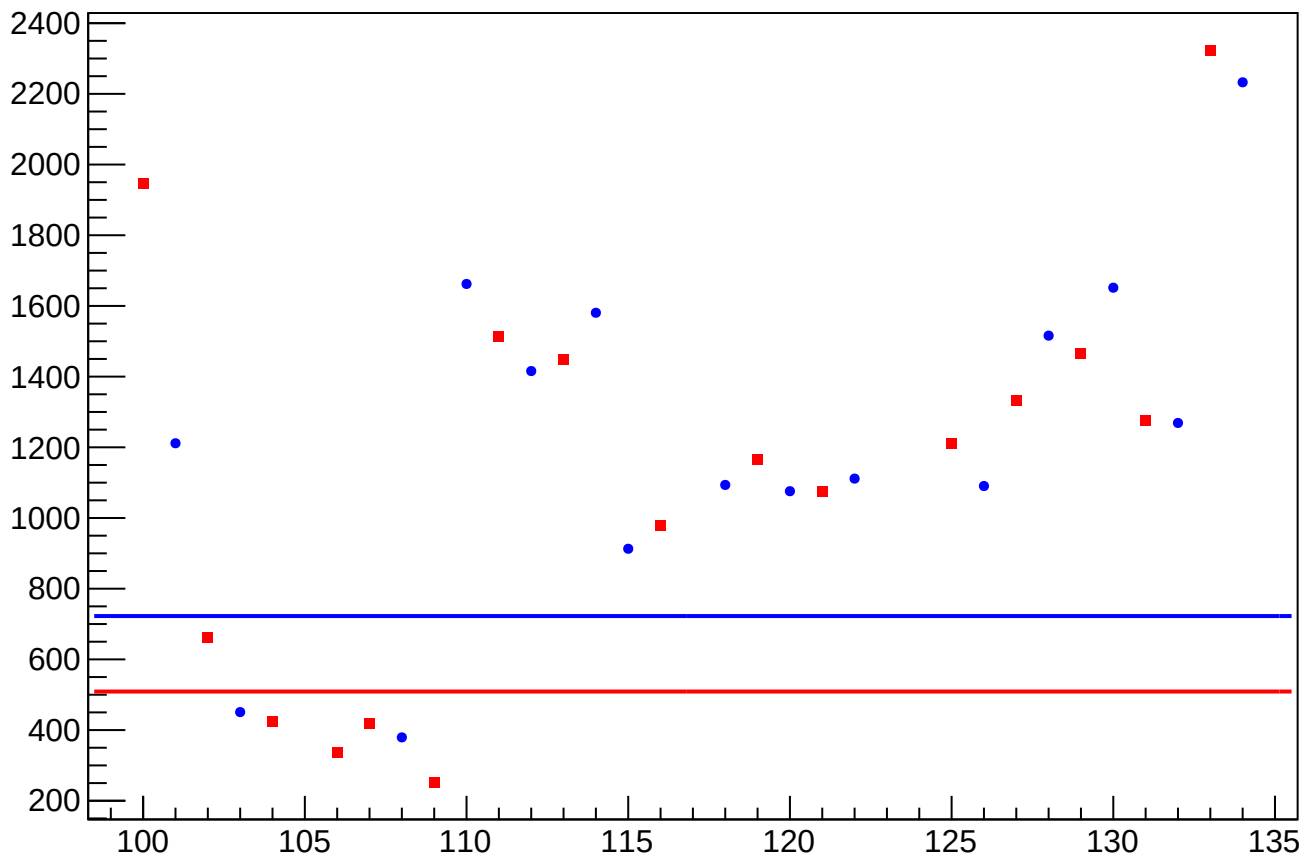
Right: -293.492+/-204.978 χ^2/NDF : 28.2/30

In: 15.135+/-336.252 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.492+/-204.978 χ^2/NDF : 28.2/30

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 722.593+/-0.238 χ^2/NDF : 3338401.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 509.042+/-0.183 χ^2/NDF : 4296040.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

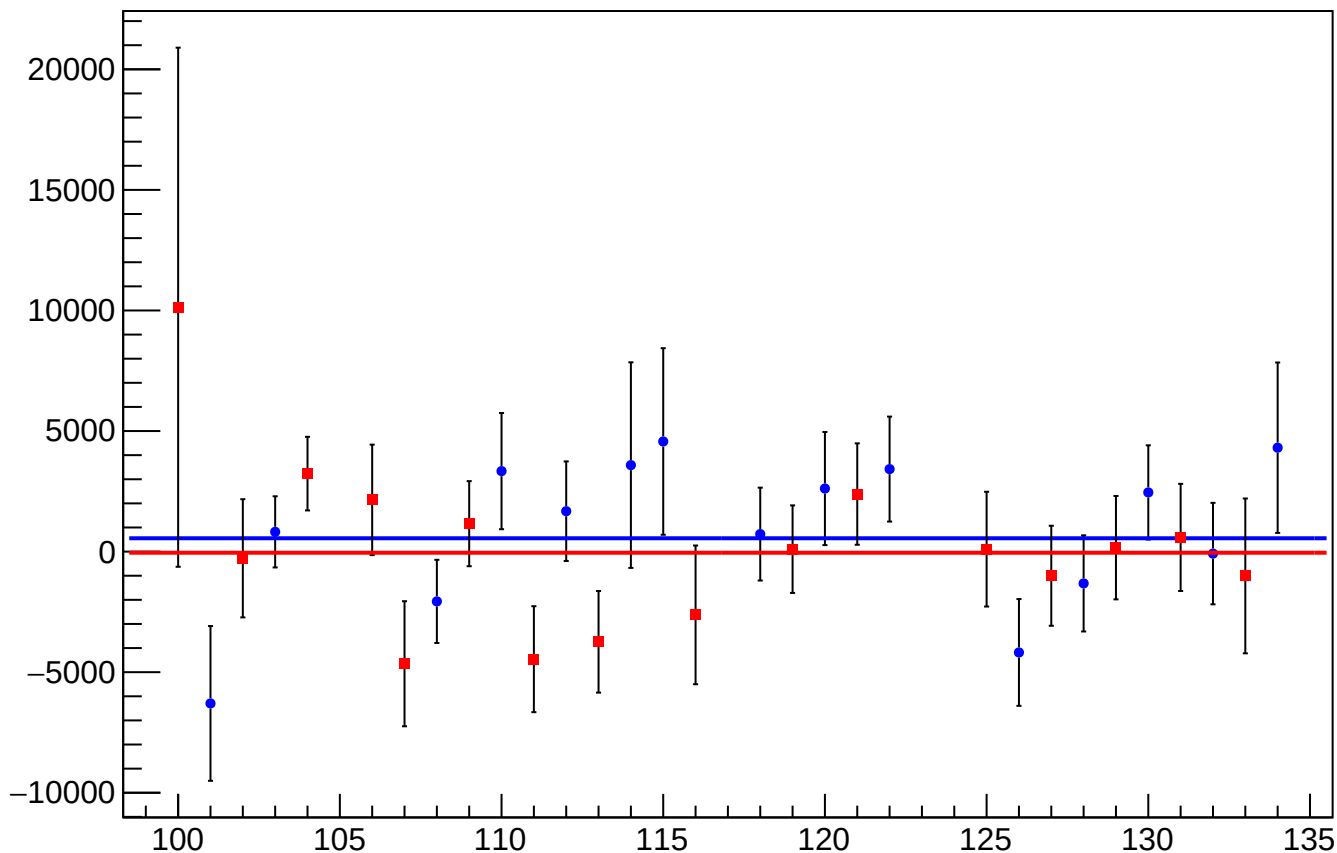
Right: 588.400+/-0.145 χ^2/NDF : 8141353.8/30

In: 722.593+/-0.238 χ^2/NDF :3338401.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 588.400+/-0.145 χ^2/NDF : 8141353.8/30

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 553.328+/-567.248 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.287+/-552.660 χ^2/NDF : 19.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

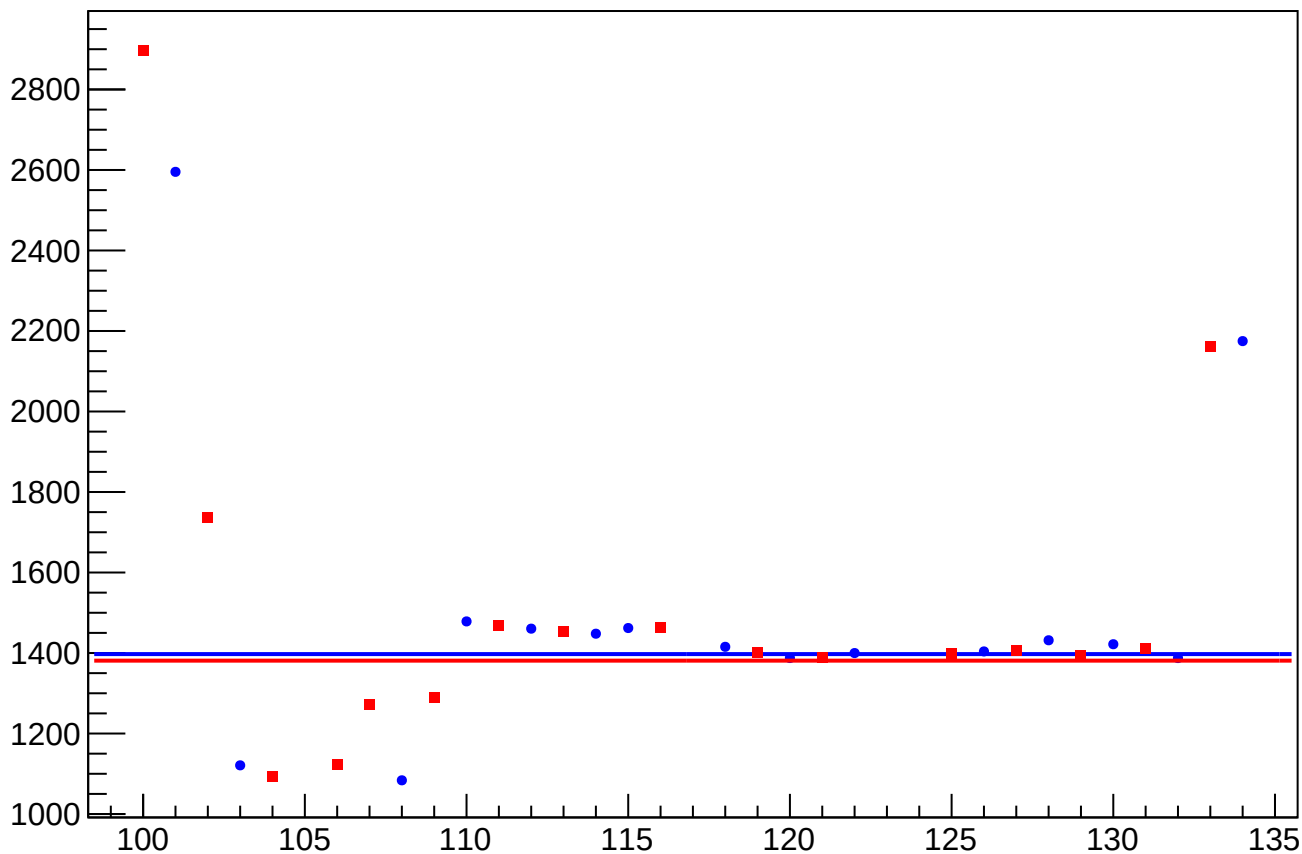
Right: 245.711+/-395.847 χ^2/NDF : 40.5/30

In: 553.328+/-567.248 χ^2/NDF : 20.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.711+/-395.847 χ^2/NDF : 40.5/30

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1397.343+/-0.401 χ^2/NDF : 518176.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.071+/-0.391 χ^2/NDF : 313271.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

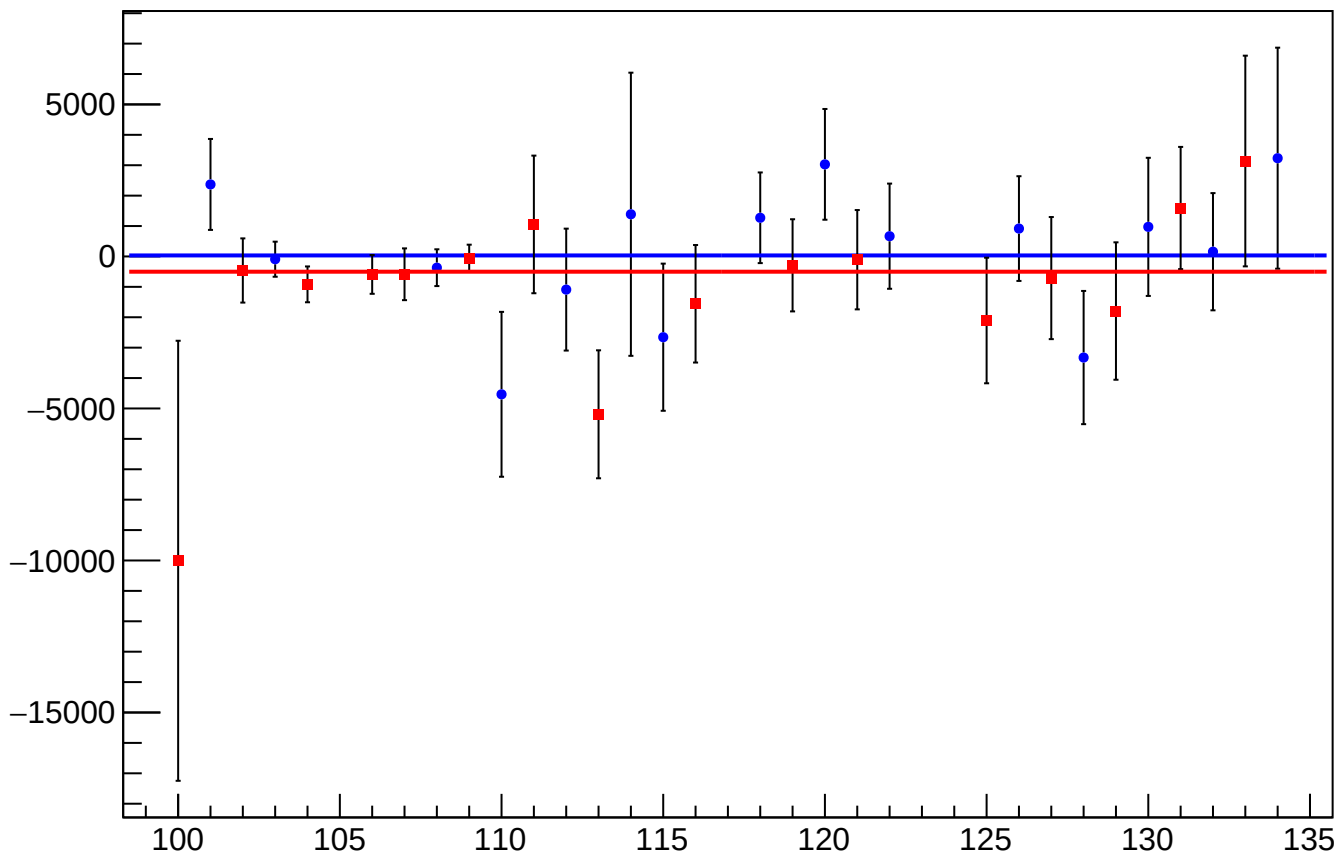
Right: 1388.995+/-0.280 χ^2/NDF : 832292.7/30

In: 1397.343+/-0.401 χ^2/NDF : 518176.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.995+/-0.280 χ^2/NDF : 832292.7/30

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.060+/-334.120 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.944+/-255.353 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

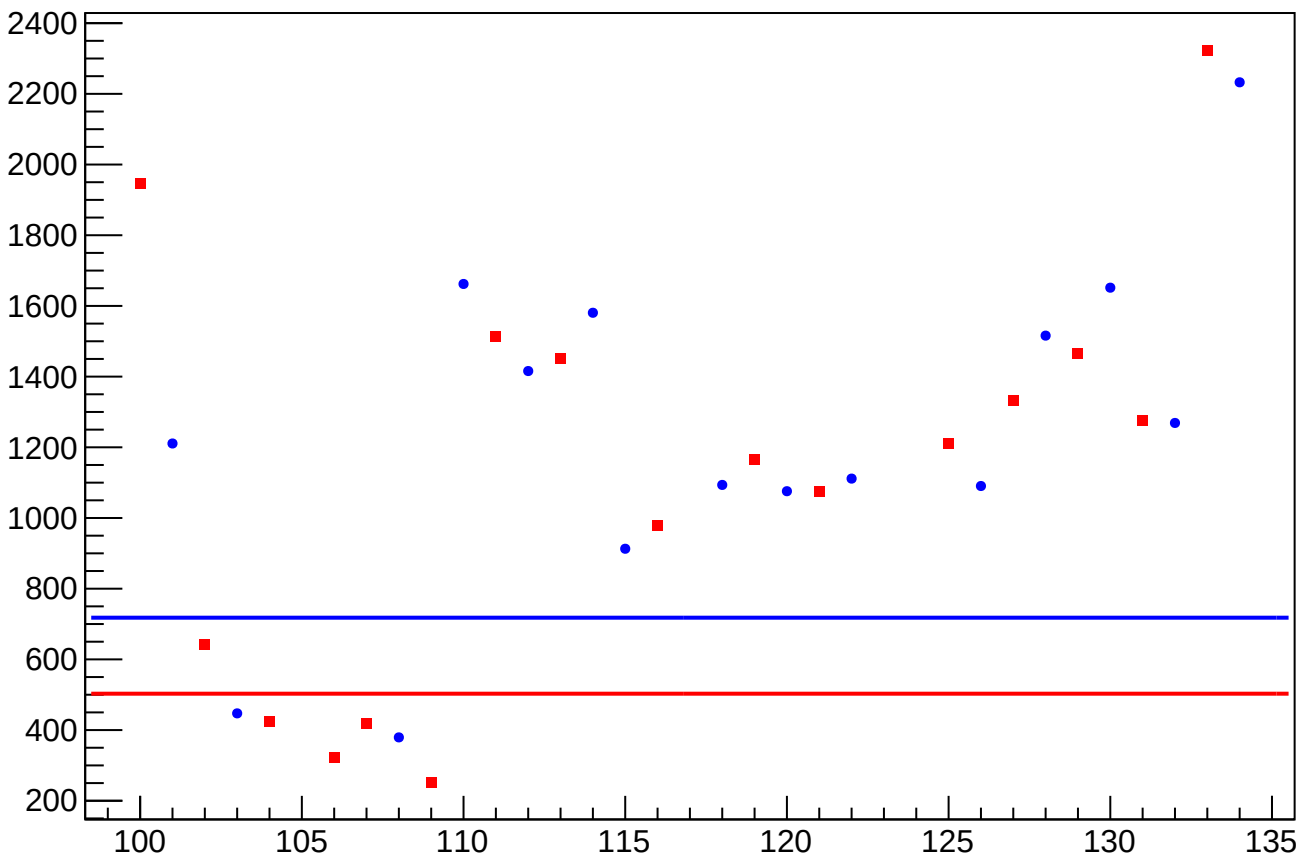
Right: -304.677+/-202.886 χ^2/NDF : 28.4/30

In: 33.060+/-334.120 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.677+/-202.886 χ^2/NDF : 28.4/30

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 717.957+/-0.236 χ^2/NDF : 3366149.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 502.915+/-0.181 χ^2/NDF : 4327413.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

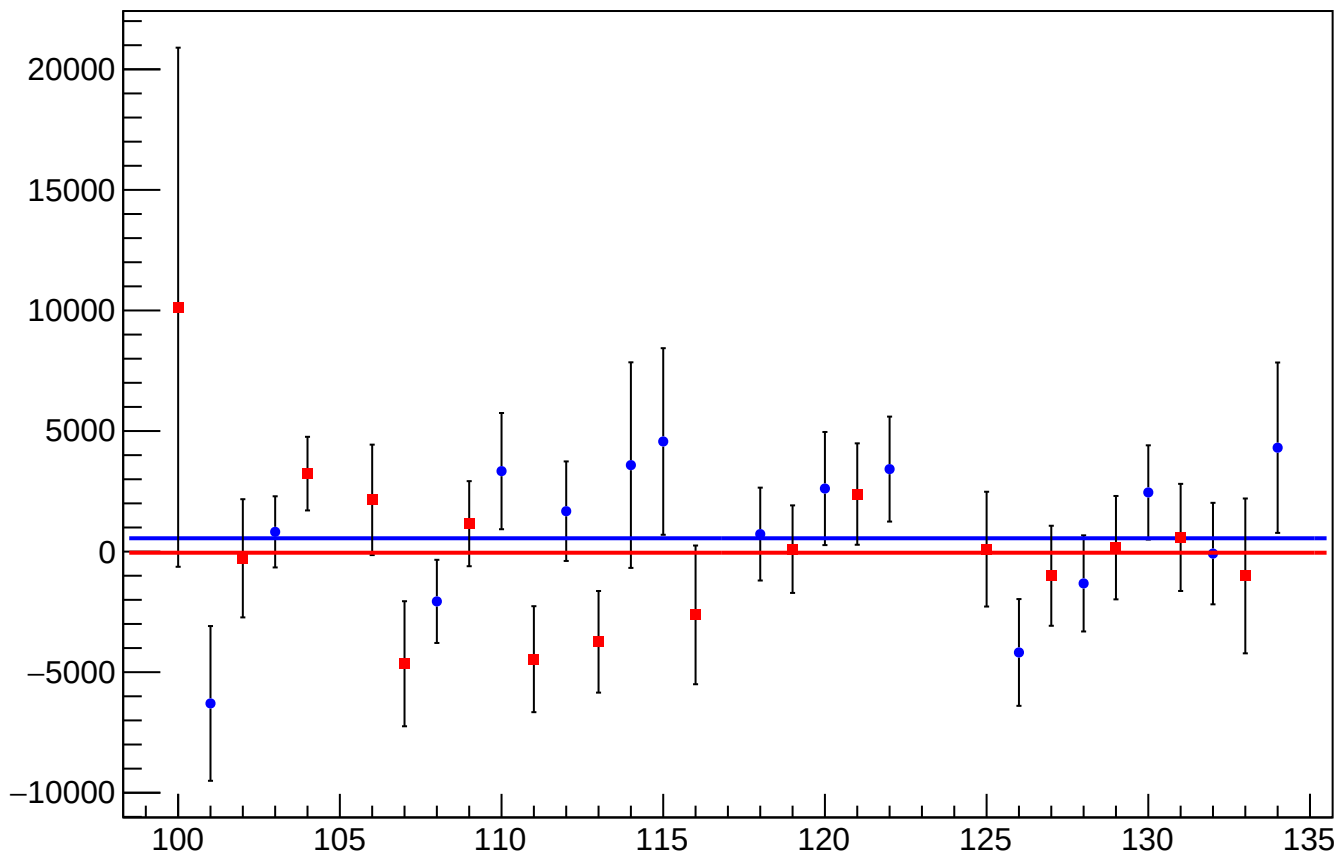
Right: 582.205+/-0.143 χ^2/NDF : 8216552.1/30

In: 717.957+/-0.236 χ^2/NDF :3366149.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 582.205+/-0.143 χ^2/NDF : 8216552.1/30

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 553.328+/-567.248 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.287+/-552.660 χ^2/NDF : 19.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

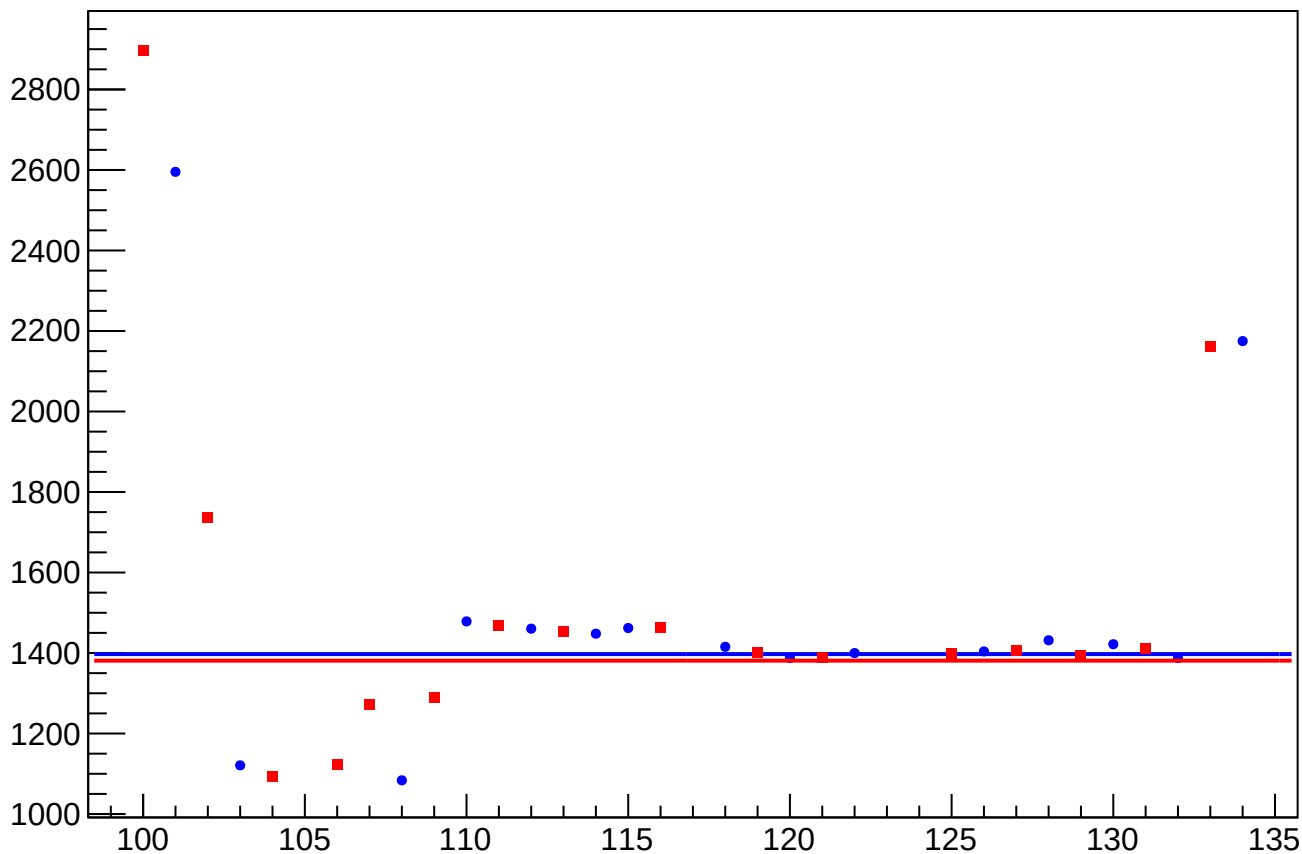
Right: 245.711+/-395.847 χ^2/NDF : 40.5/30

In: 553.328+/-567.248 χ^2/NDF : 20.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.711+/-395.847 χ^2/NDF : 40.5/30

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1397.343+/-0.401 χ^2/NDF : 518176.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.071+/-0.391 χ^2/NDF : 313271.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

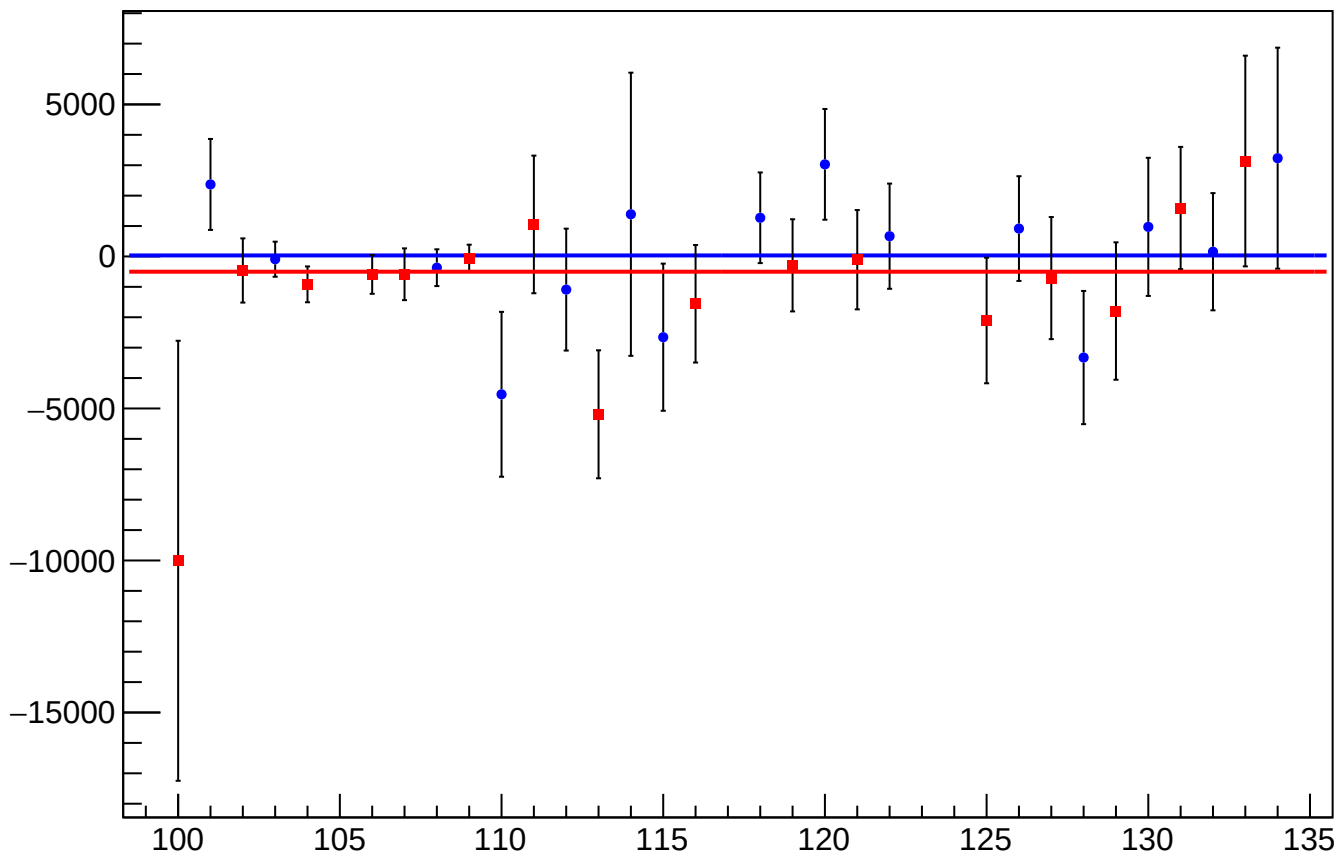
Right: 1388.995+/-0.280 χ^2/NDF : 832292.7/30

In: 1397.343+/-0.401 χ^2/NDF : 518176.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.995+/-0.280 χ^2/NDF : 832292.7/30

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.060+/-334.120 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.944+/-255.353 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

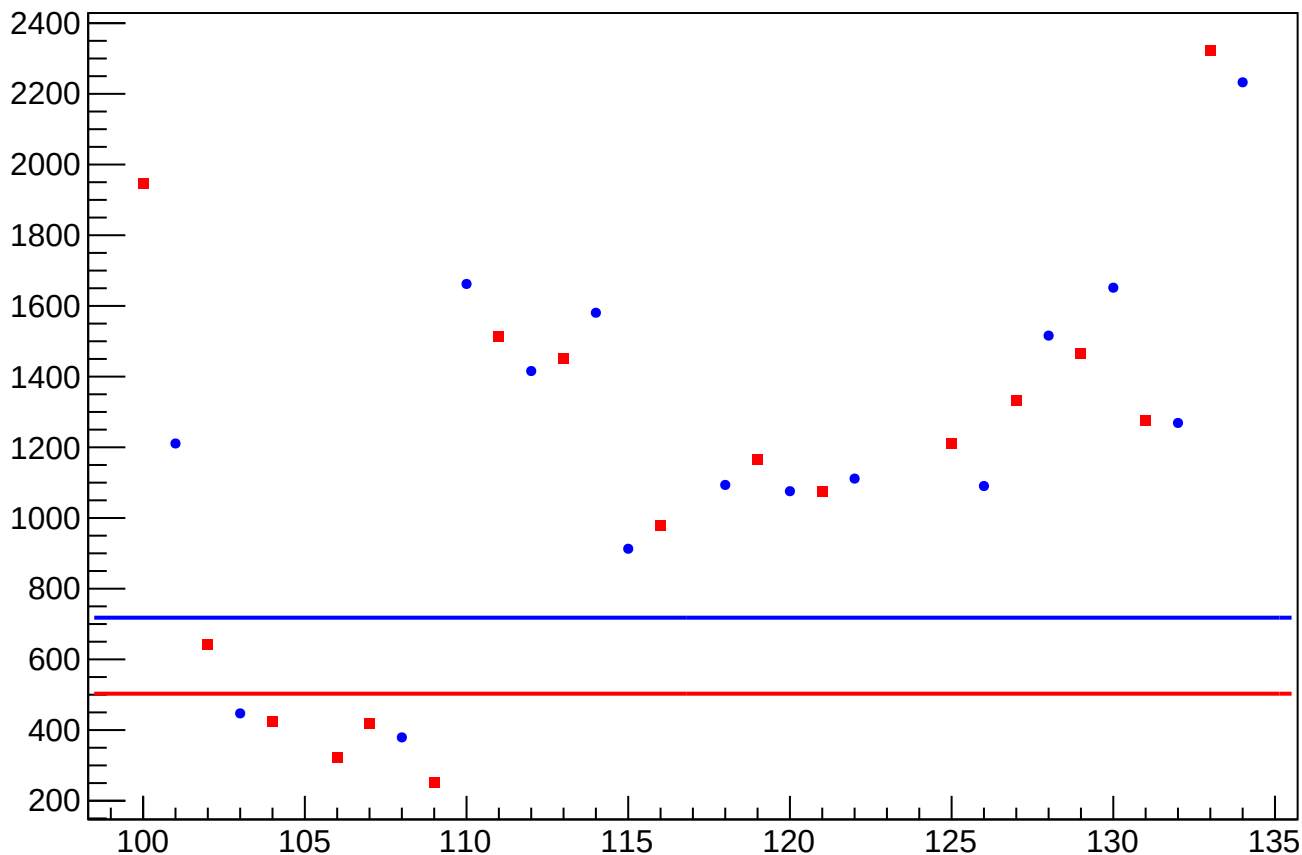
Right: -304.677+/-202.886 χ^2/NDF : 28.4/30

In: 33.060+/-334.120 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.677+/-202.886 χ^2/NDF : 28.4/30

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 717.957+/-0.236 χ^2/NDF : 3366149.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 502.915+/-0.181 χ^2/NDF : 4327413.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

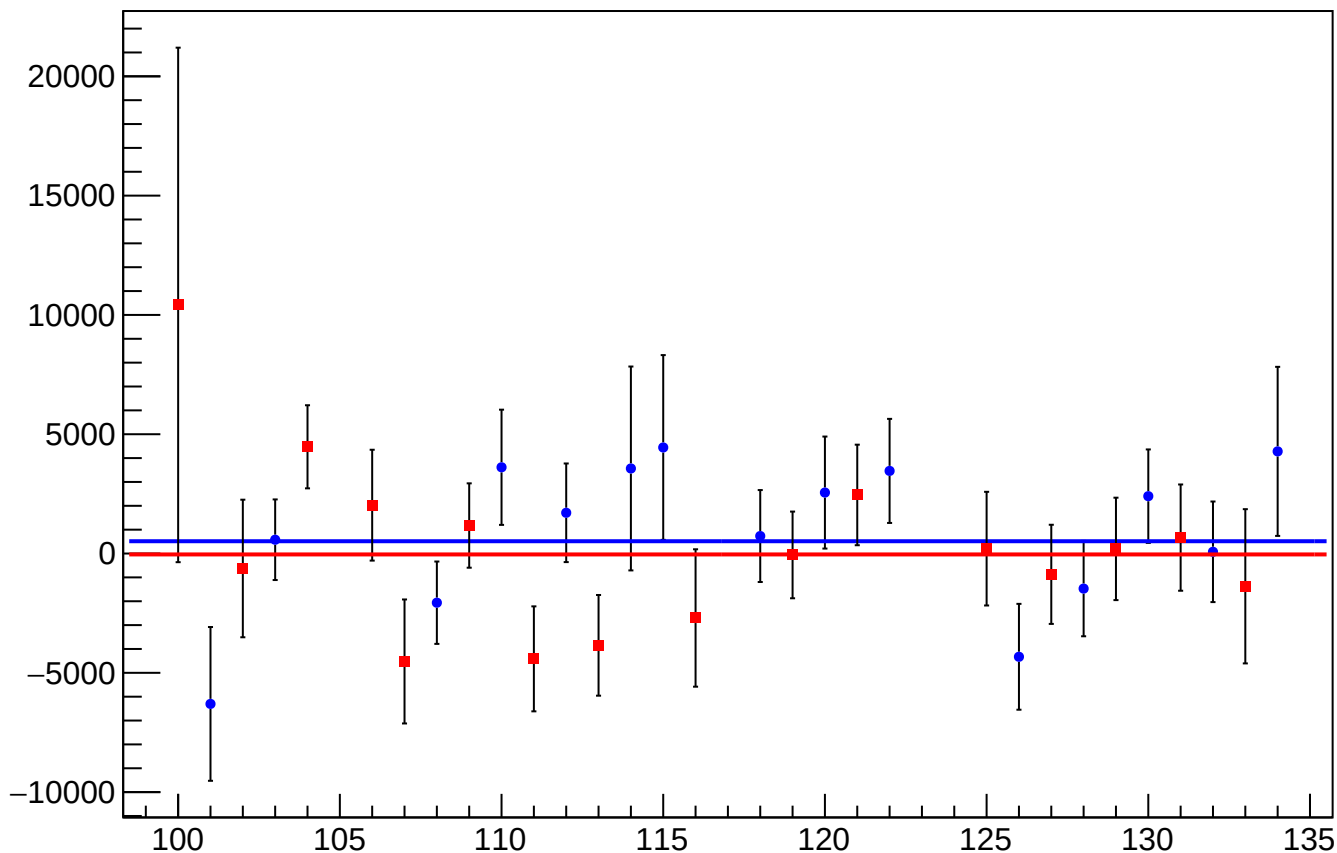
Right: 582.205+/-0.143 χ^2/NDF : 8216552.1/30

In: 717.957+/-0.236 χ^2/NDF :3366149.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 582.205+/-0.143 χ^2/NDF : 8216552.1/30

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 515.539+/-578.341 χ^2/NDF : 20.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.960+/-566.650 χ^2/NDF : 21.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

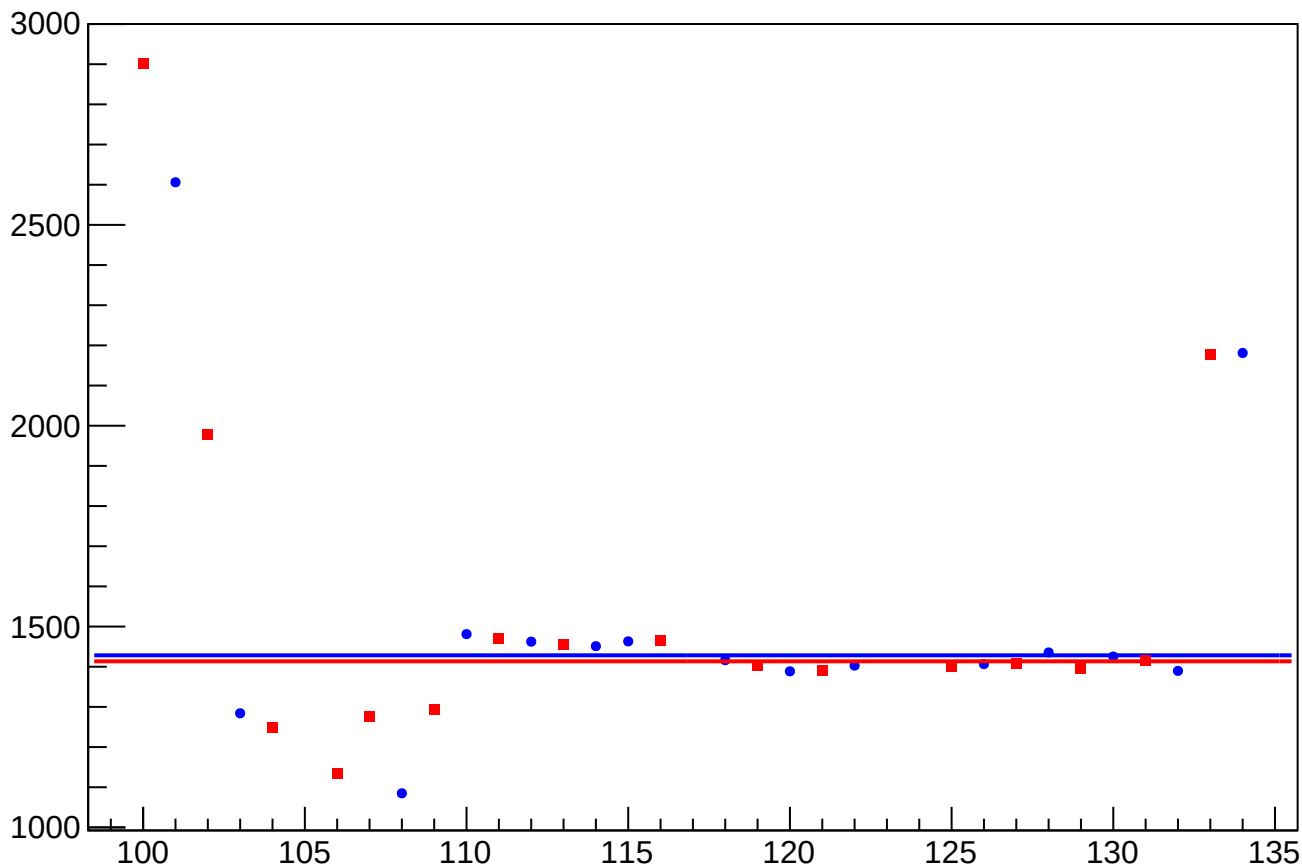
Right: 233.139+/-404.752 χ^2/NDF : 43.0/30

In: 515.539+/-578.341 χ^2/NDF : 20.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.139+/-404.752 χ^2/NDF : 43.0/30

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1428.436+/-0.409 χ^2/NDF : 454752.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.464+/-0.401 χ^2/NDF : 291591.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

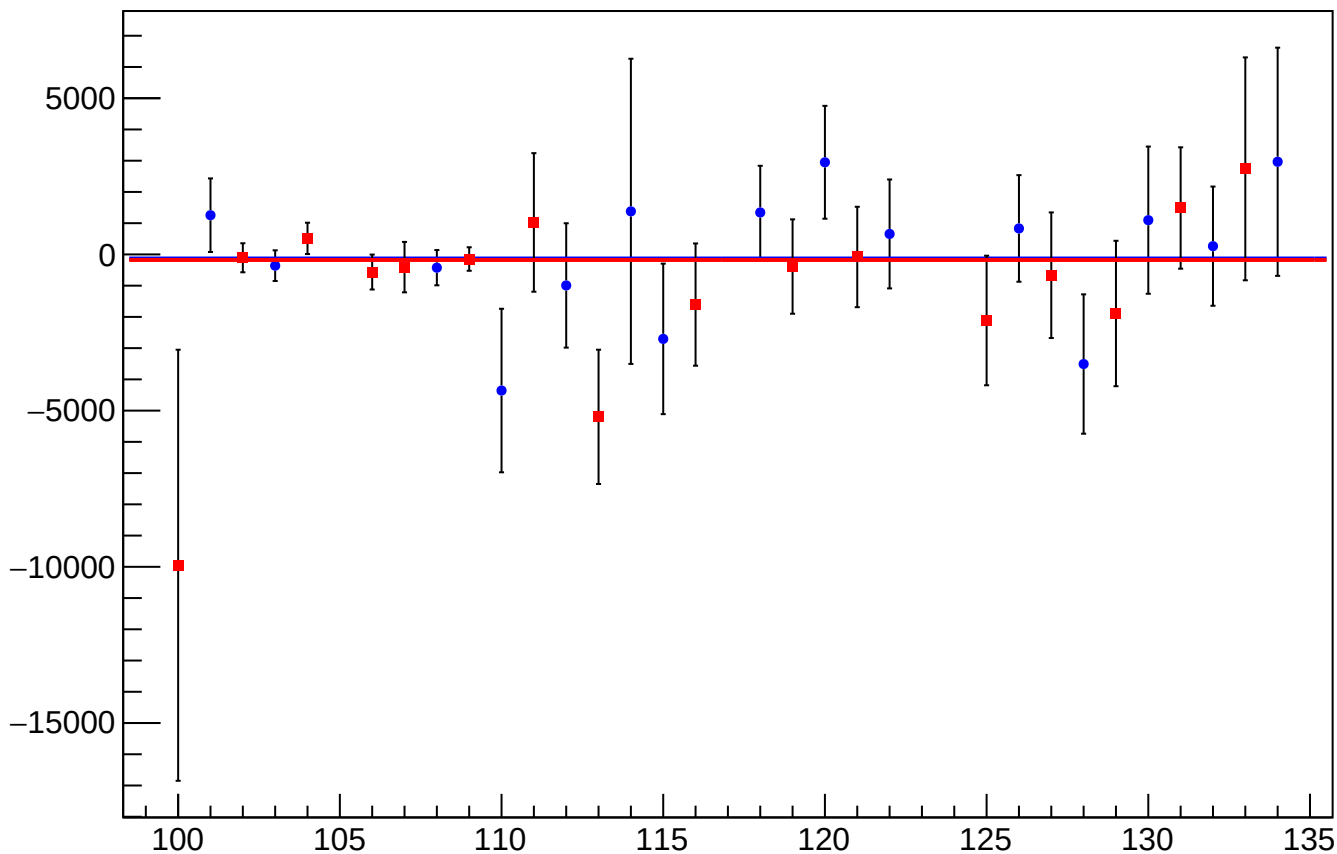
Right: 1420.797+/-0.286 χ^2/NDF : 747027.5/30

In: 1428.436+/-0.409 χ^2/NDF : 454752.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.797+/-0.286 χ^2/NDF : 747027.5/30

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -131.555+/-304.663 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -177.231+/-208.757 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

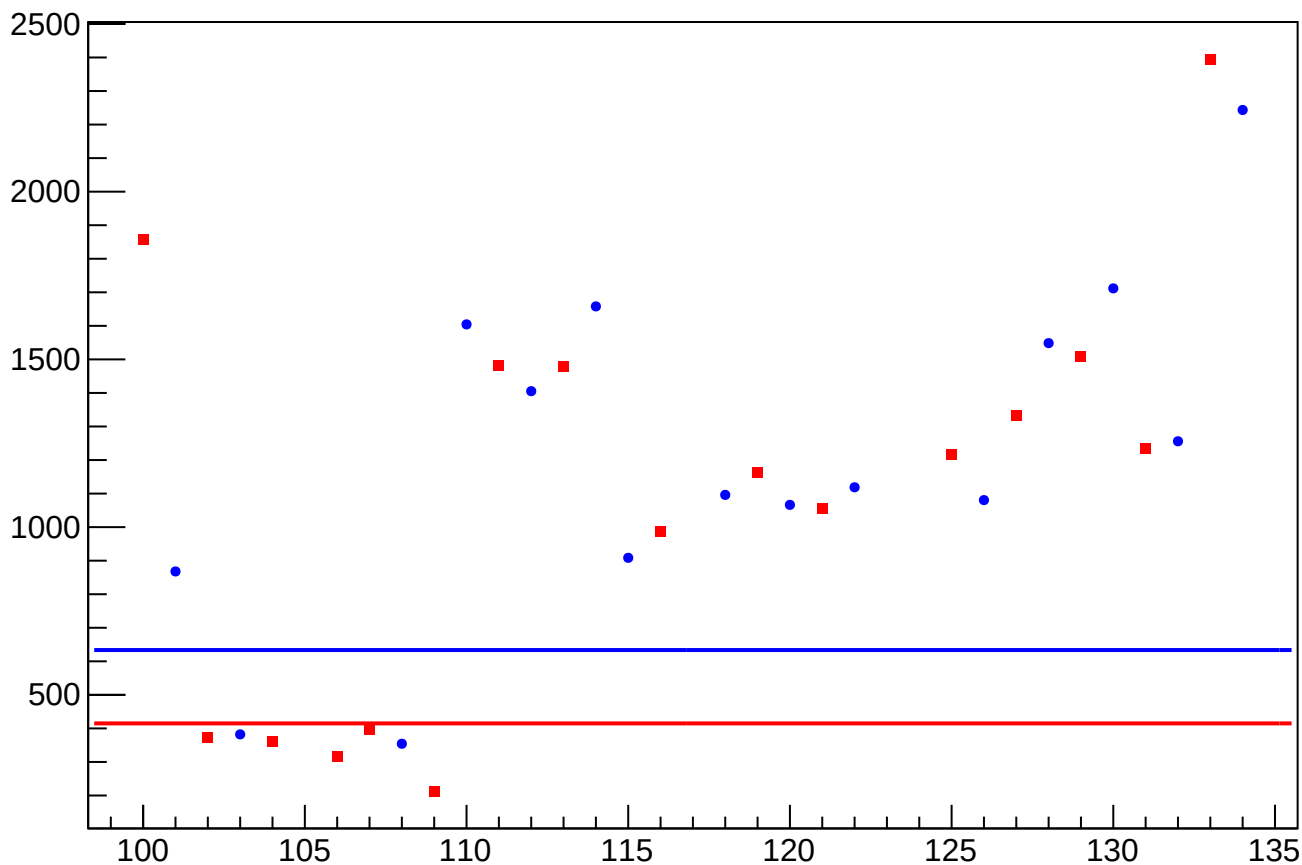
Right: -162.638+/-172.209 χ^2/NDF : 27.3/30

In: -131.555+/-304.663 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.638+/-172.209 χ^2/NDF : 27.3/30

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 633.628+/-0.215 χ^2/NDF : 3738060.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 414.969+/-0.148 χ^2/NDF : 4835393.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

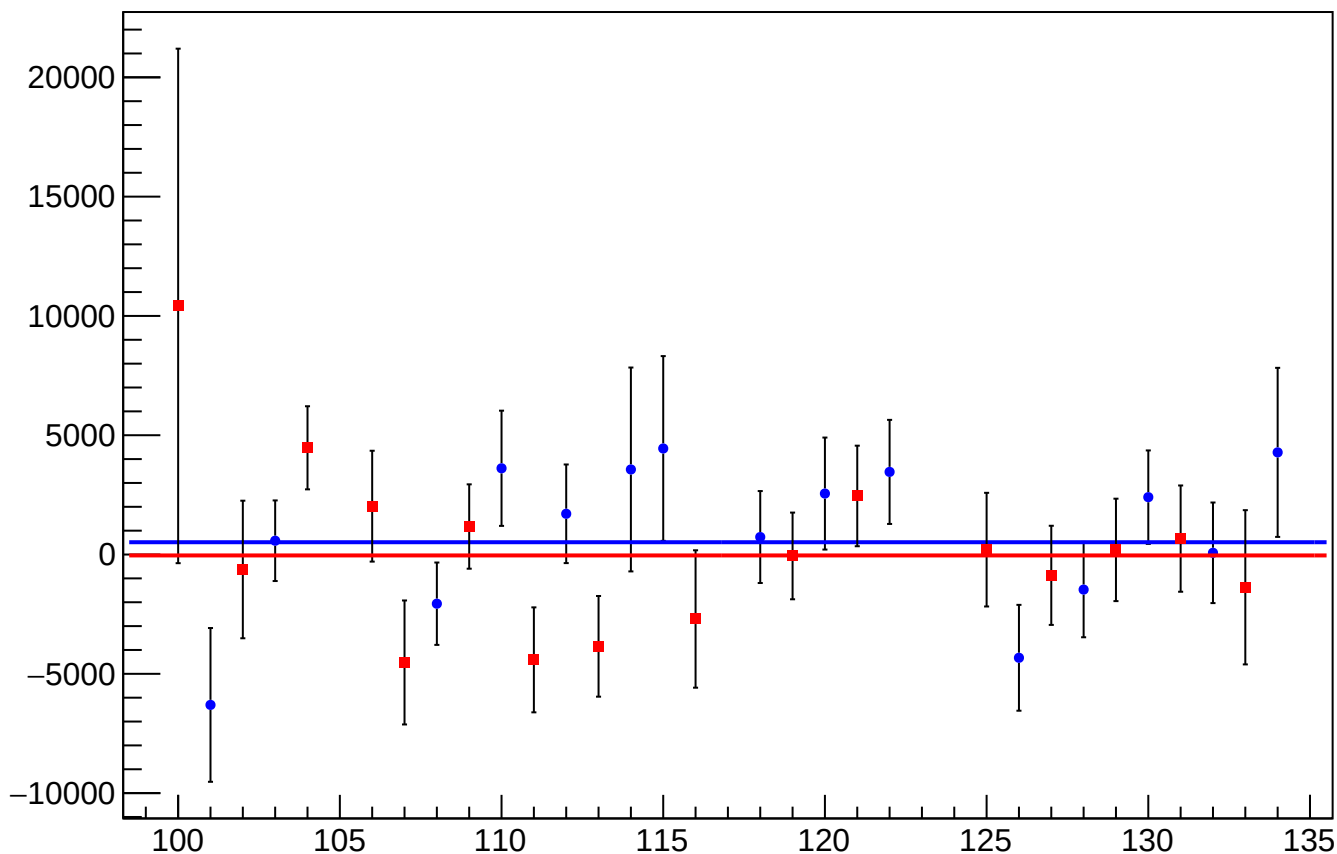
Right: 484.831+/-0.122 χ^2/NDF : 9274507.5/30

In: 633.628+/-0.215 χ^2/NDF :3738060.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 484.831+/-0.122 χ^2/NDF : 9274507.5/30

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 515.532+/-578.341 χ^2/NDF : 20.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.959+/-566.650 χ^2/NDF : 21.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

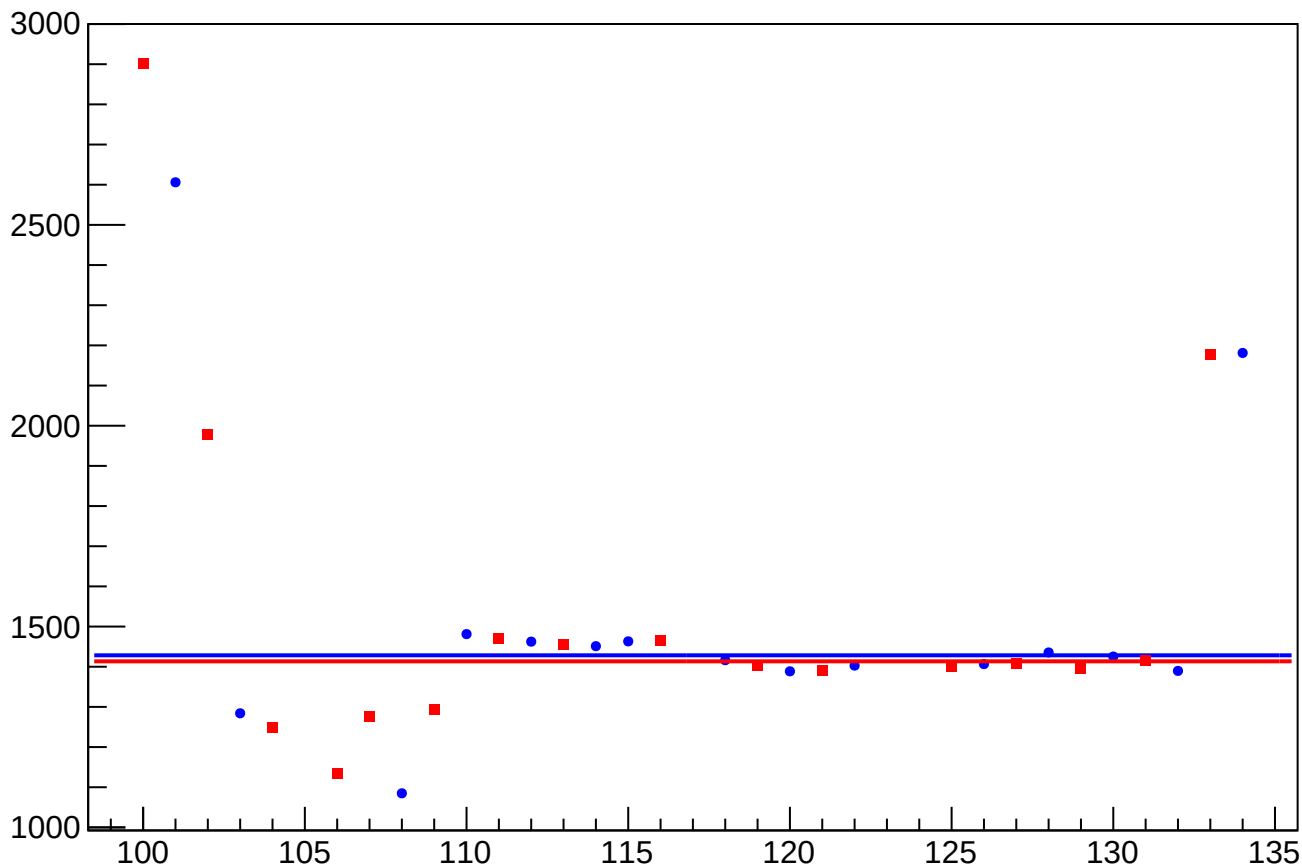
Right: 233.135+/-404.752 χ^2/NDF : 43.0/30

In: 515.532+/-578.341 χ^2/NDF :20.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 233.135+/-404.752 χ^2/NDF : 43.0/30

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1428.436+/-0.409 χ^2/NDF : 454751.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.464+/-0.401 χ^2/NDF : 291591.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

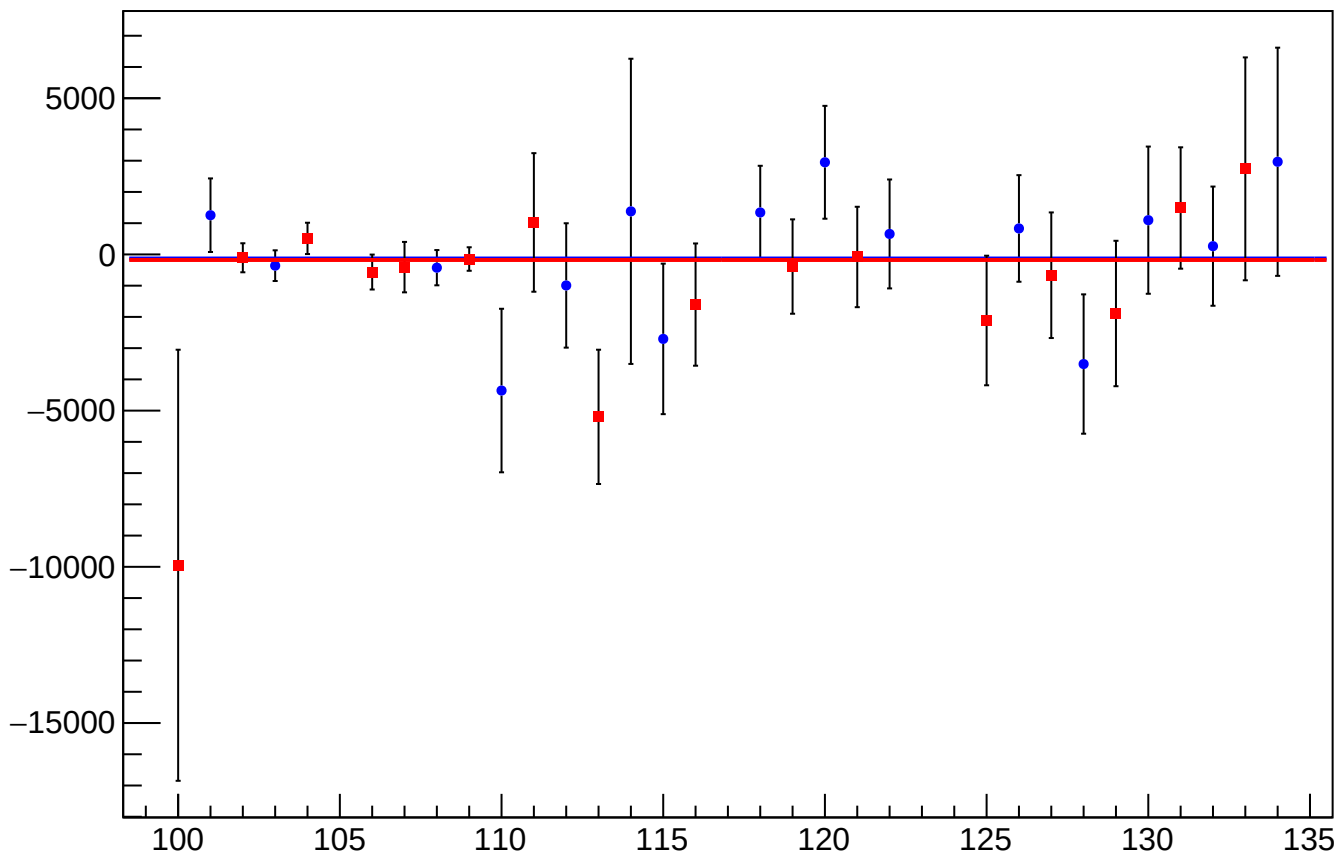
Right: 1420.797+/-0.286 χ^2/NDF : 747027.0/30

In: 1428.436+/-0.409 χ^2/NDF : 454751.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.797+/-0.286 χ^2/NDF : 747027.0/30

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -131.564+/-304.659 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -177.226+/-208.758 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

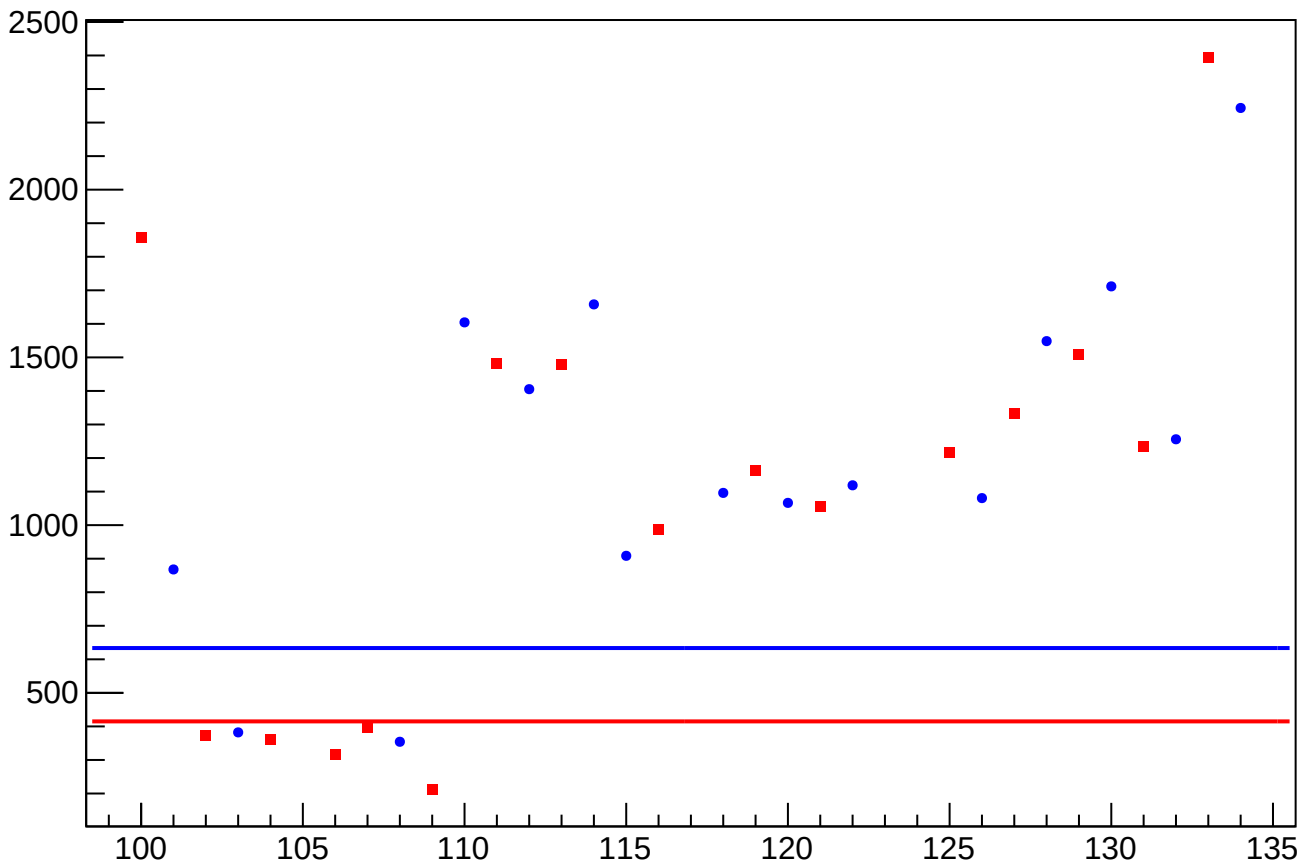
Right: -162.637+/-172.209 χ^2/NDF : 27.3/30

In: -131.564+/-304.659 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.637+/-172.209 χ^2/NDF : 27.3/30

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 633.618+/-0.215 χ^2/NDF : 3738135.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 414.974+/-0.148 χ^2/NDF : 4835307.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

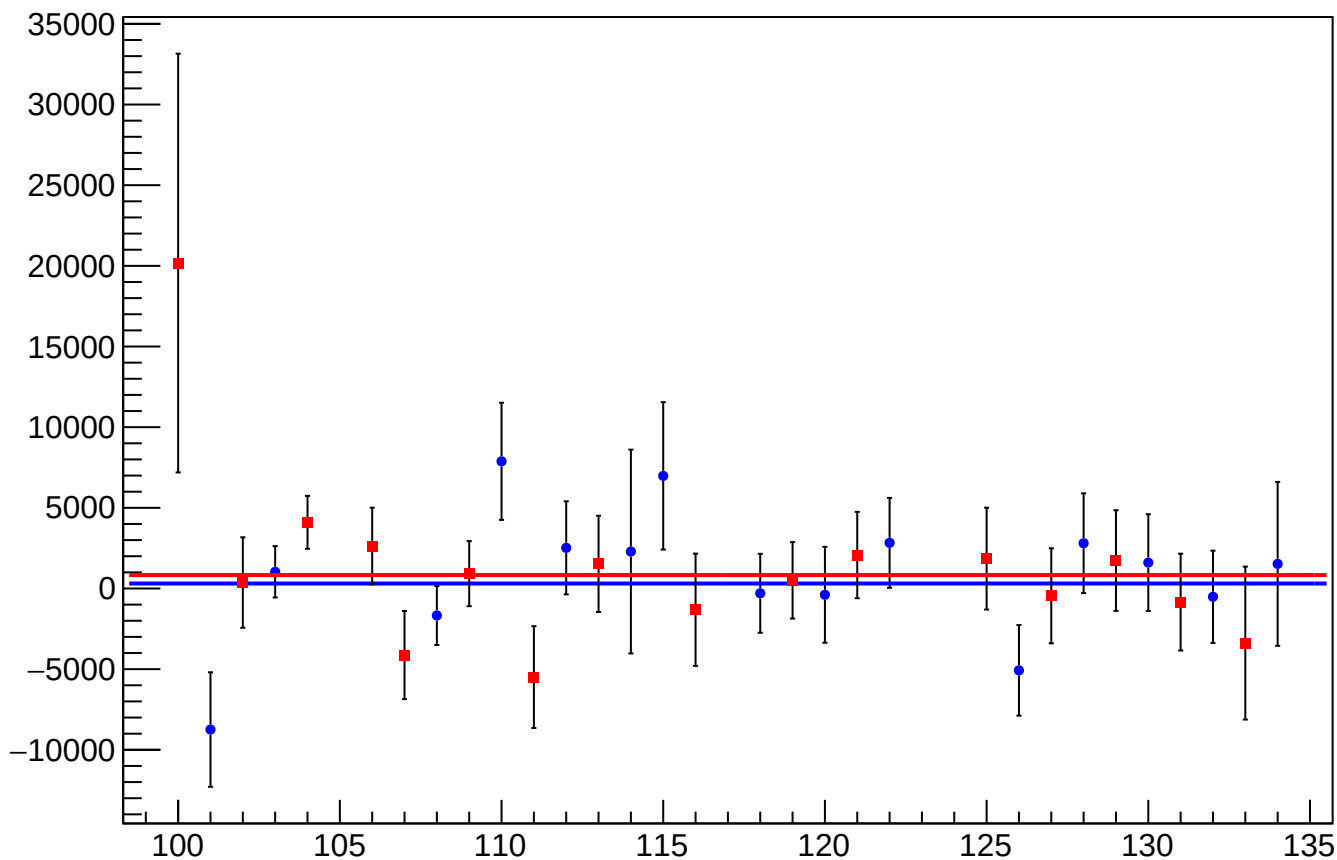
Right: 484.833+/-0.122 χ^2/NDF : 9274407.6/30

In: 633.618+/-0.215 χ^2/NDF :3738135.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 484.833+/-0.122 χ^2/NDF : 9274407.6/30

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 308.476+/-715.274 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 831.999+/-682.277 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

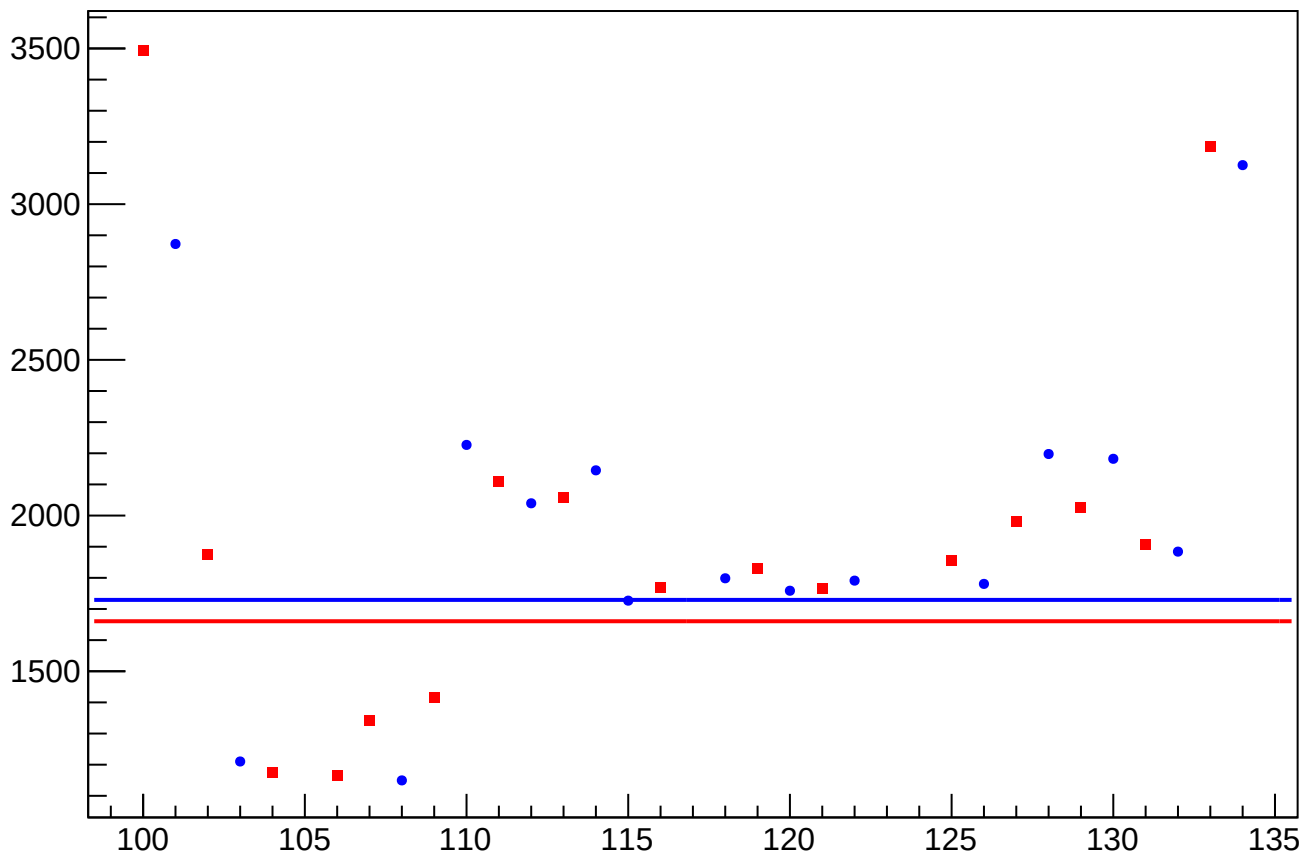
Right: 582.591+/-493.696 χ^2/NDF : 37.2/30

In: 308.476+/-715.274 χ^2/NDF :20.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 582.591+/-493.696 χ^2/NDF : 37.2/30

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1729.175+/-0.506 χ^2/NDF : 942078.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1660.629+/-0.482 χ^2/NDF : 740240.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

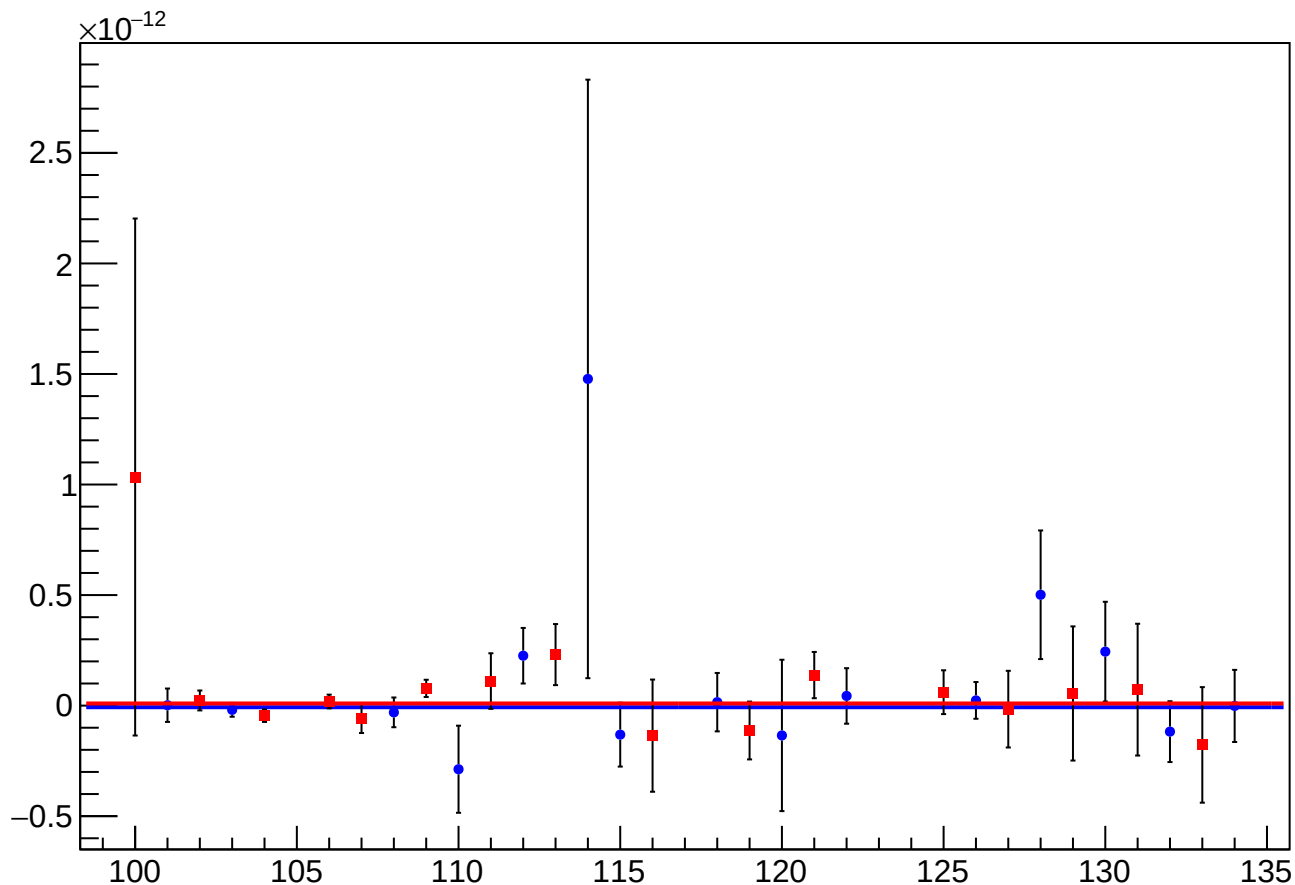
Right: 1693.284+/-0.349 χ^2/NDF : 1691936.6/30

In: 1729.175+/-0.506 χ^2/NDF : 942078.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.284+/-0.349 χ^2/NDF : 1691936.6/30

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

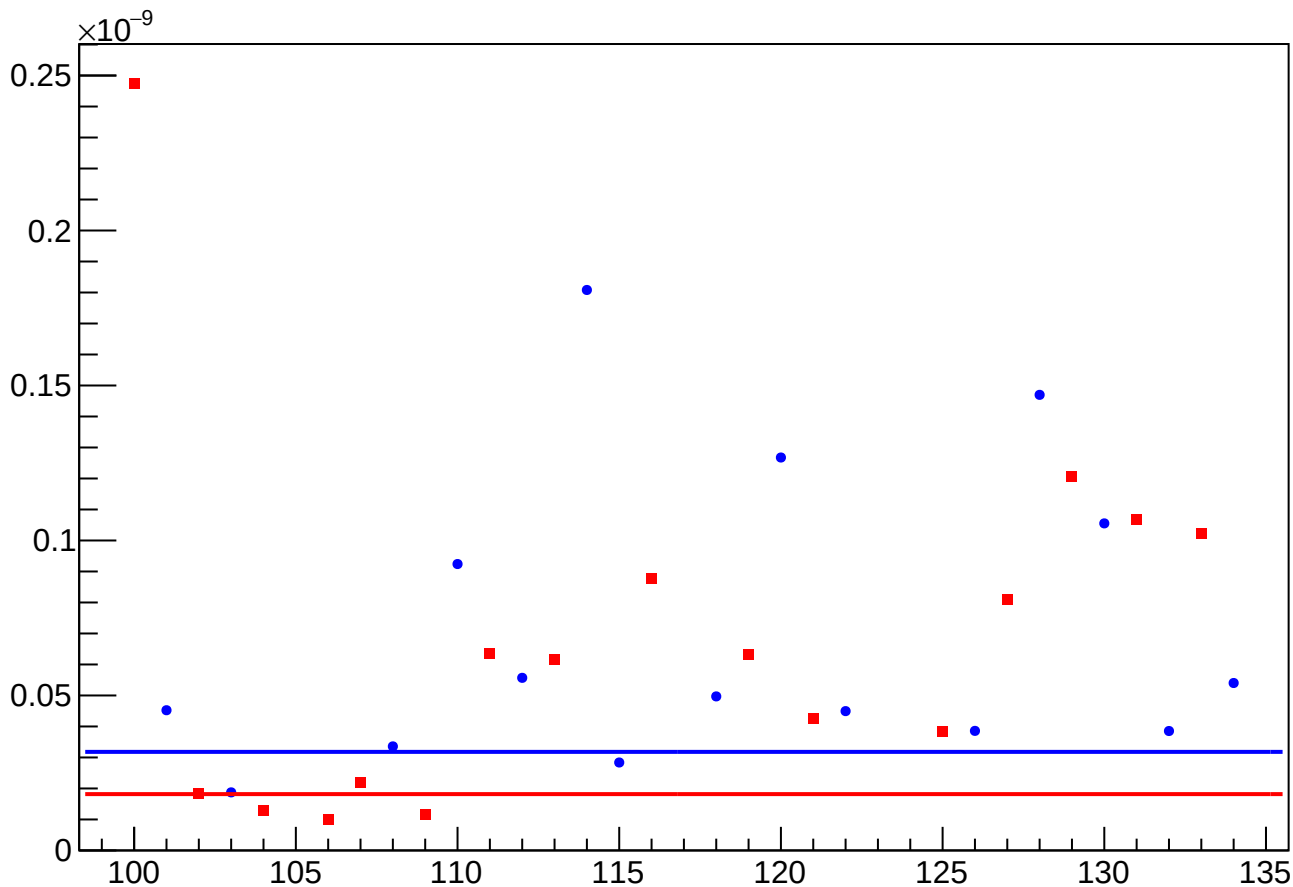
Right: 0.000+/-0.000 χ^2 /NDF: 29.2/30

In: -0.000+/-0.000 χ^2 /NDF:13.1/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 29.2/30

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1496483.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2267187.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

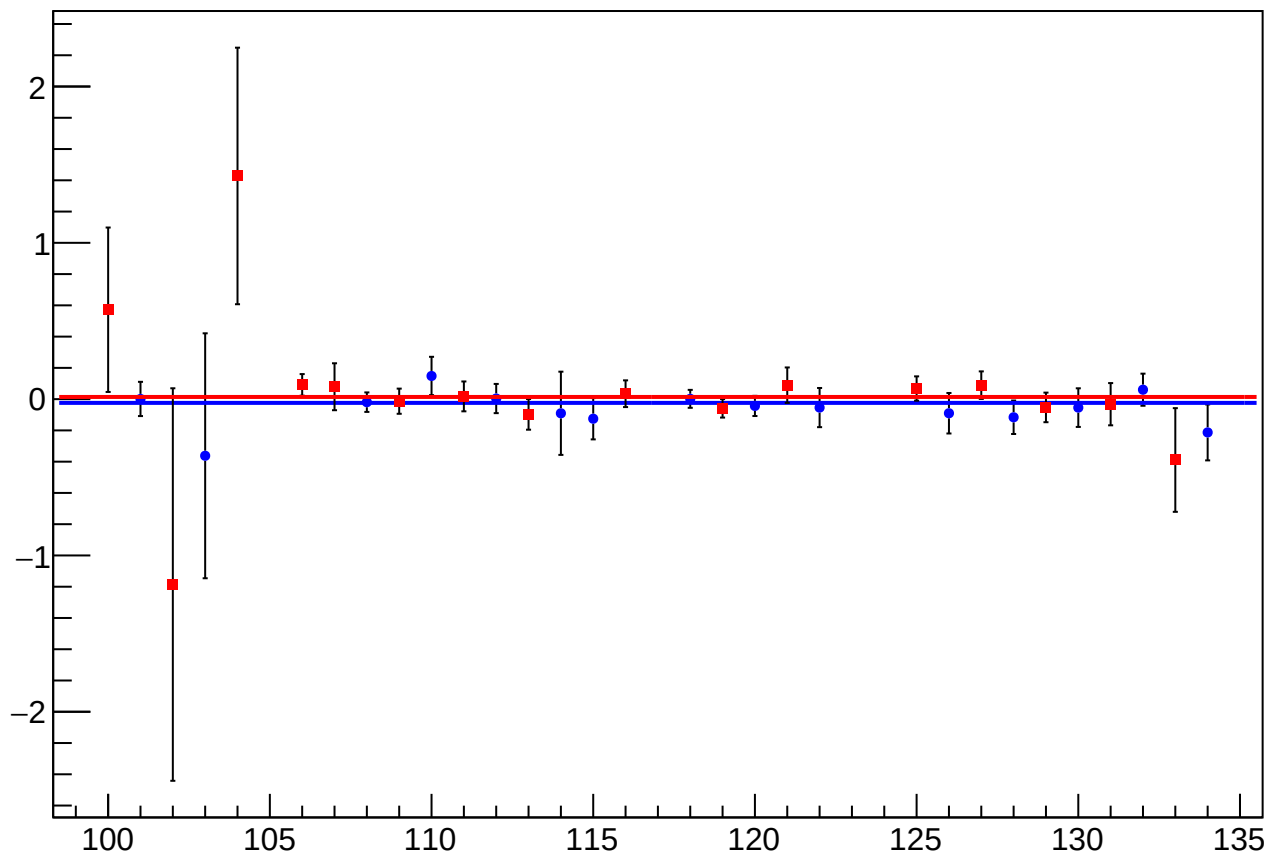
Right: 0.000+/-0.000 χ^2/NDF : 4256507.5/30

In: 0.000+/-0.000 χ^2/NDF : 1496483.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4256507.5/30

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.025 χ^2/NDF : 13.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

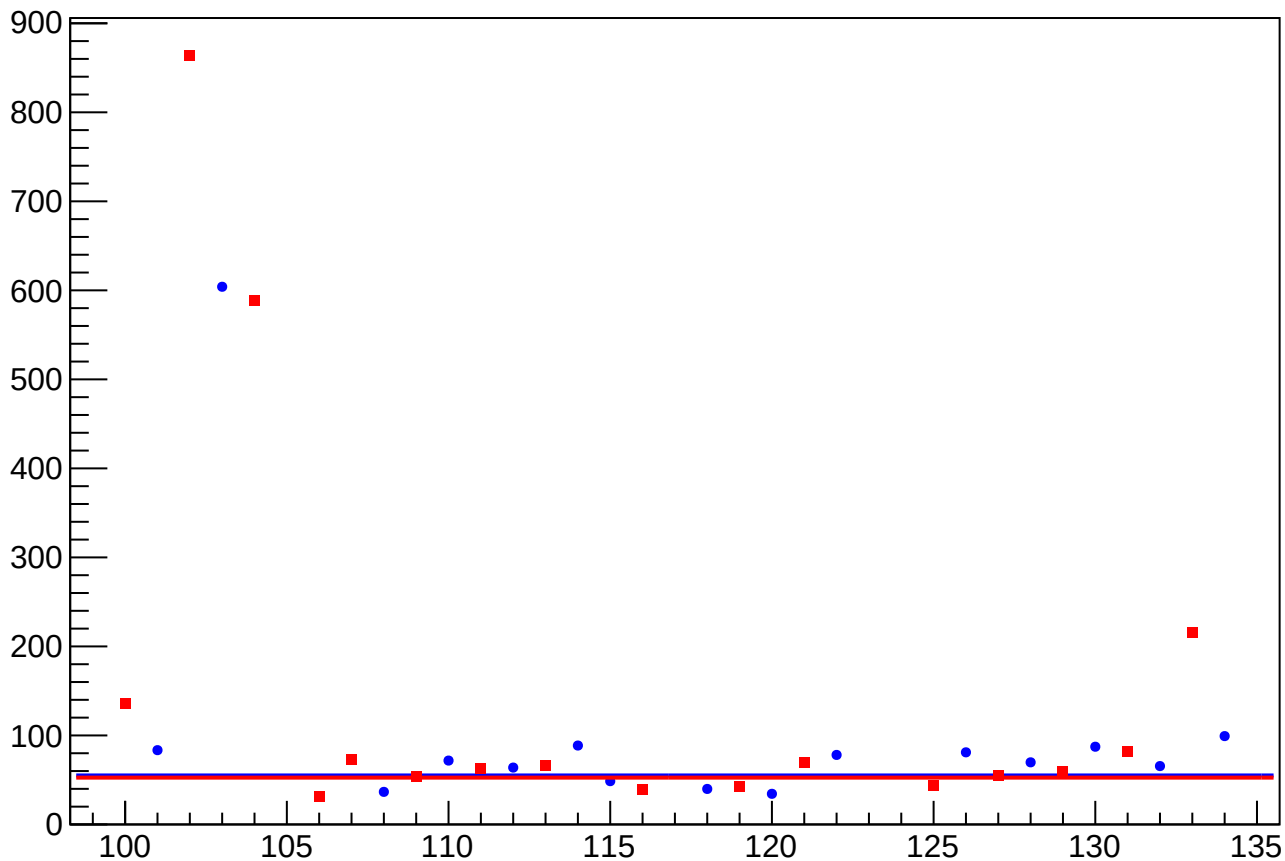
Right: -0.005 ± 0.018 χ^2/NDF : 20.5/30

In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.018 χ^2/NDF : 20.5/30

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.045+/-0.018 χ^2/NDF : 2192583.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.610+/-0.018 χ^2/NDF : 2792156.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

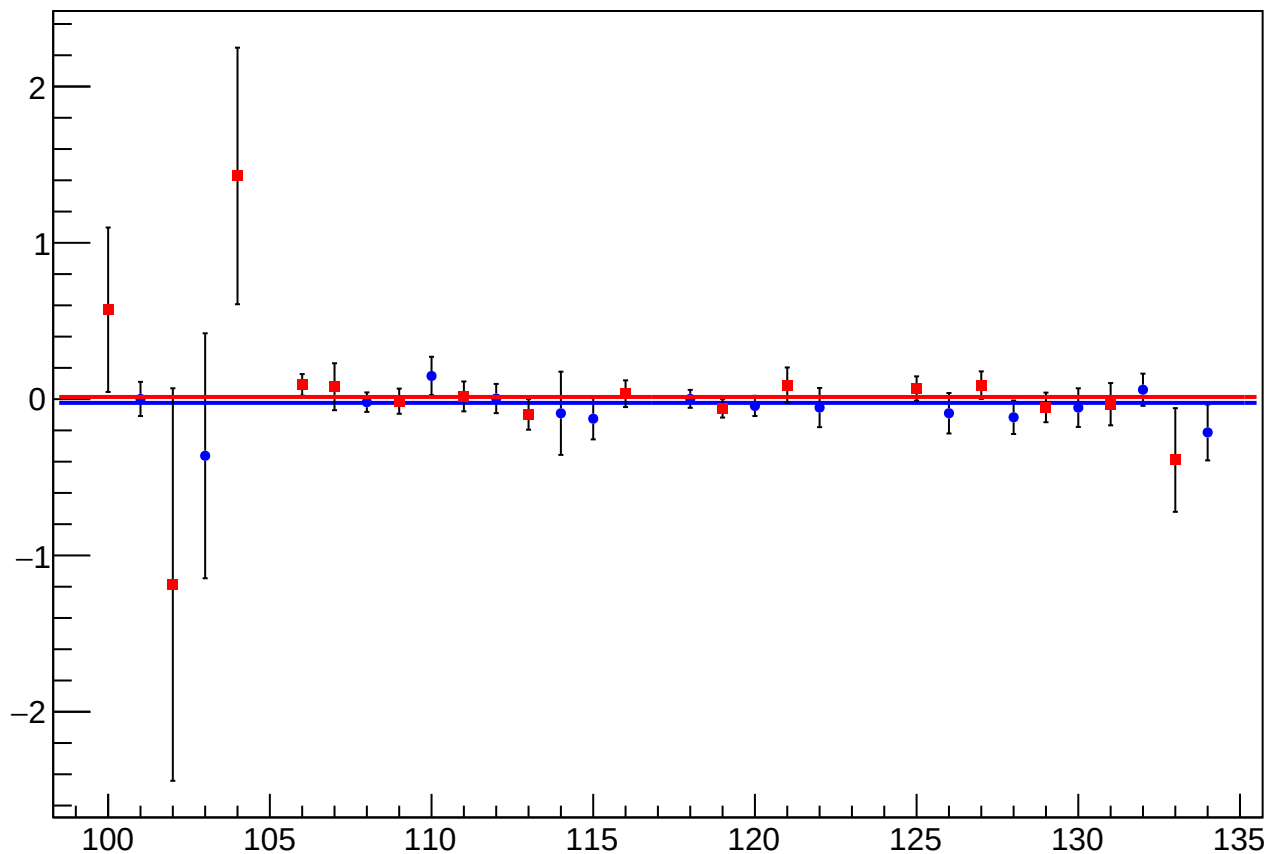
Right: 53.805+/-0.013 χ^2/NDF : 4994045.3/30

In: 55.045+/-0.018 χ^2/NDF : 2192583.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.805+/-0.013 χ^2/NDF : 4994045.3/30

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.025 χ^2/NDF : 6.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.025 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

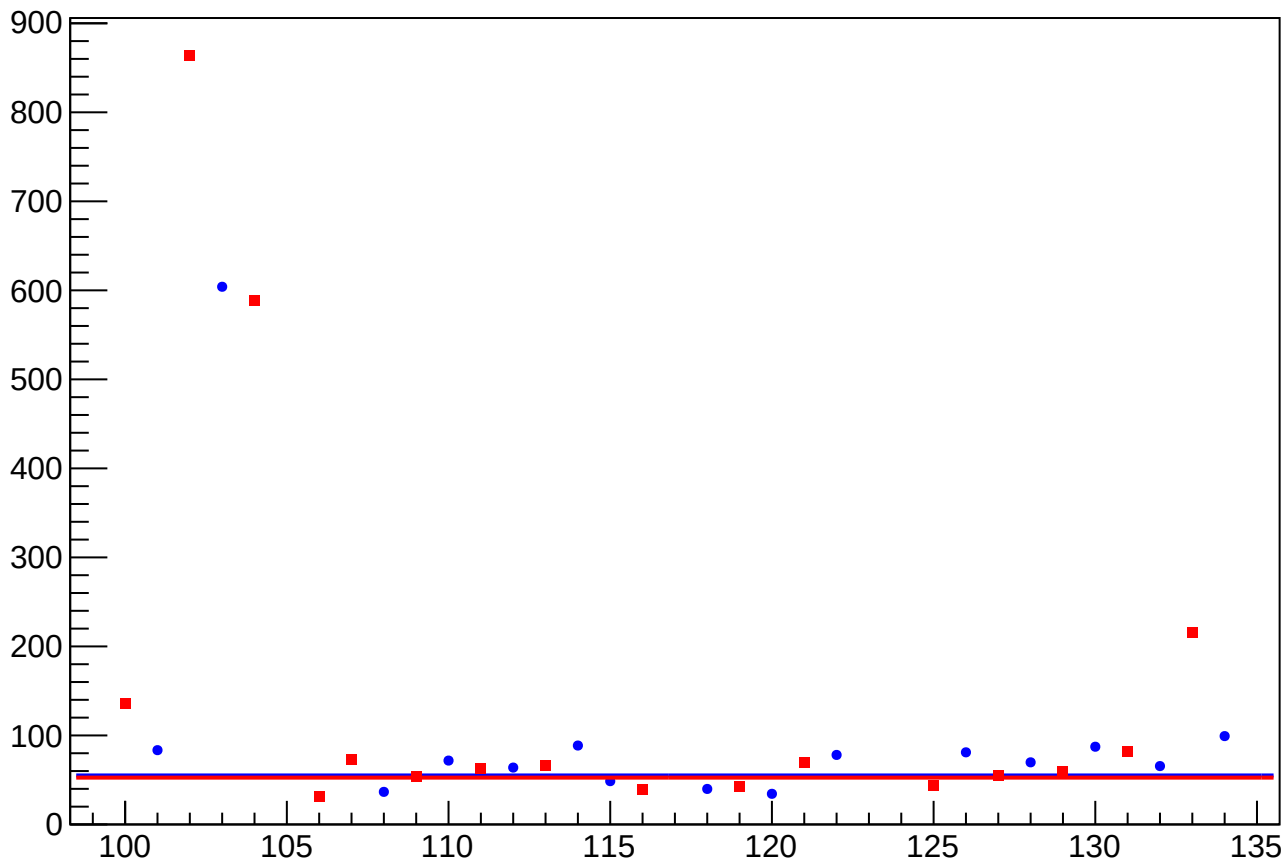
Right: -0.005+/-0.018 χ^2/NDF : 20.5/30

In: -0.024+/-0.025 χ^2/NDF : 6.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.018 χ^2/NDF : 20.5/30

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.045+/-0.018 χ^2/NDF : 2192583.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.610+/-0.018 χ^2/NDF : 2792156.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

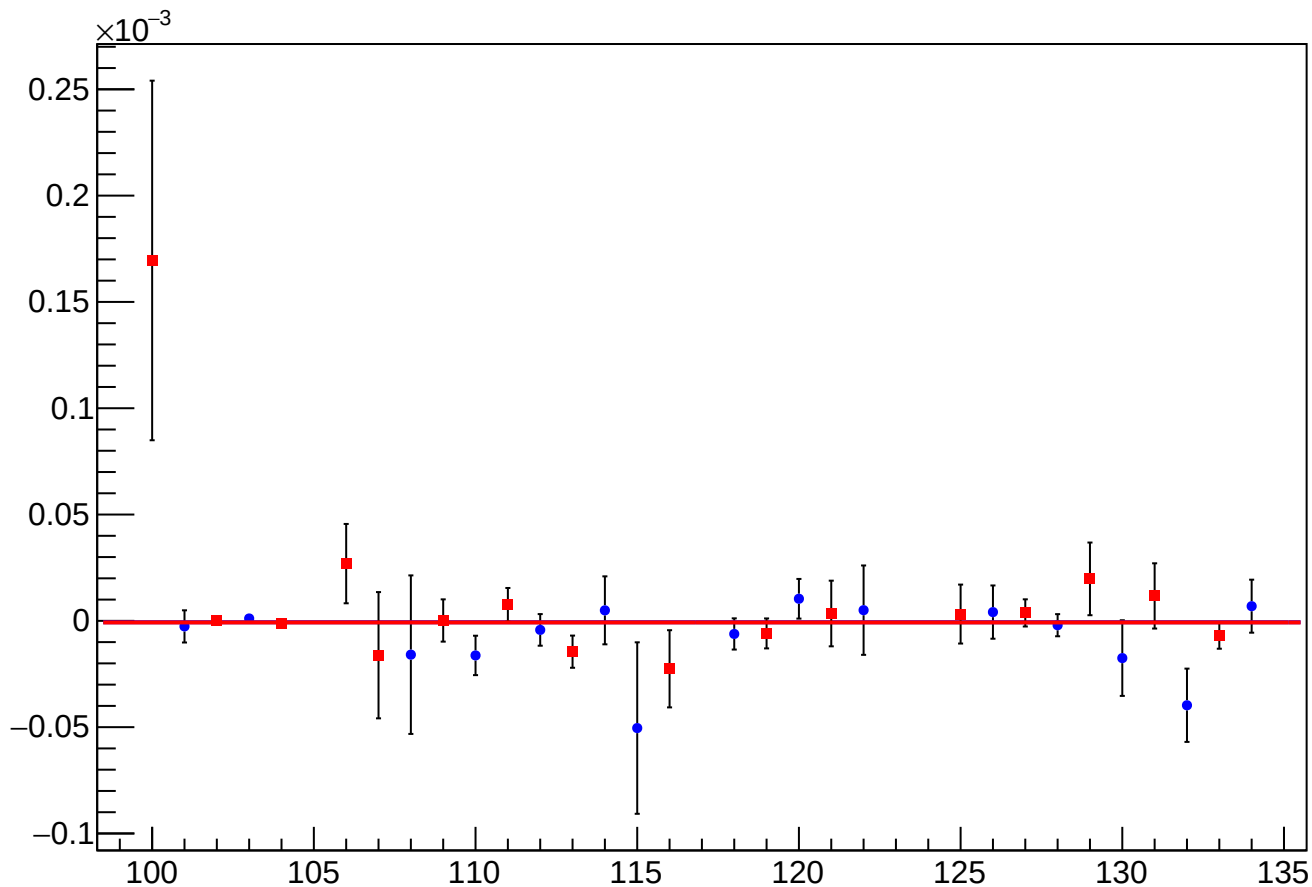
Right: 53.805+/-0.013 χ^2/NDF : 4994045.3/30

In: 55.045+/-0.018 χ^2/NDF : 2192583.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.805+/-0.013 χ^2/NDF : 4994045.3/30

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

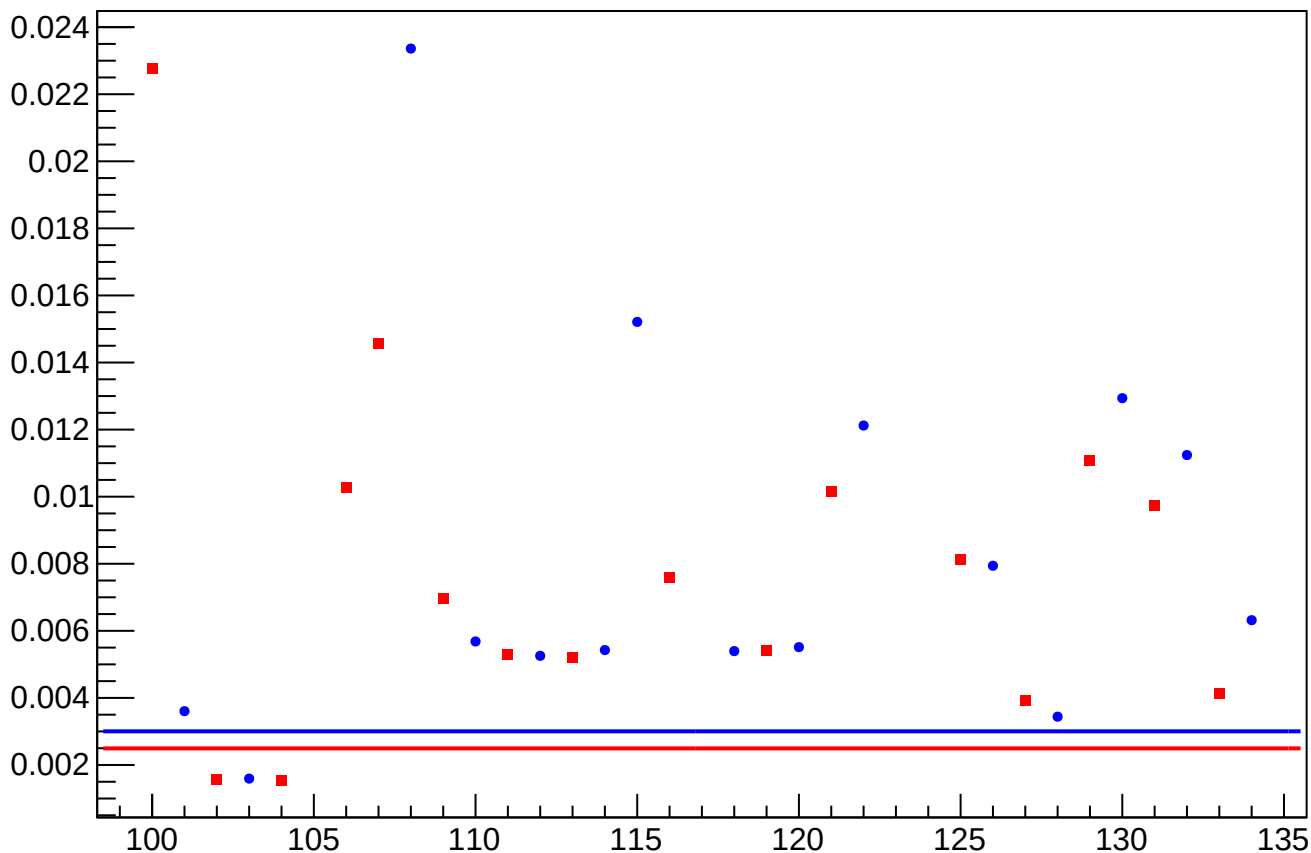
Right: -0.000+/-0.000 χ^2/NDF : 31.2/30

In: -0.000+/-0.000 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.2/30

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4415960.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5074752.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

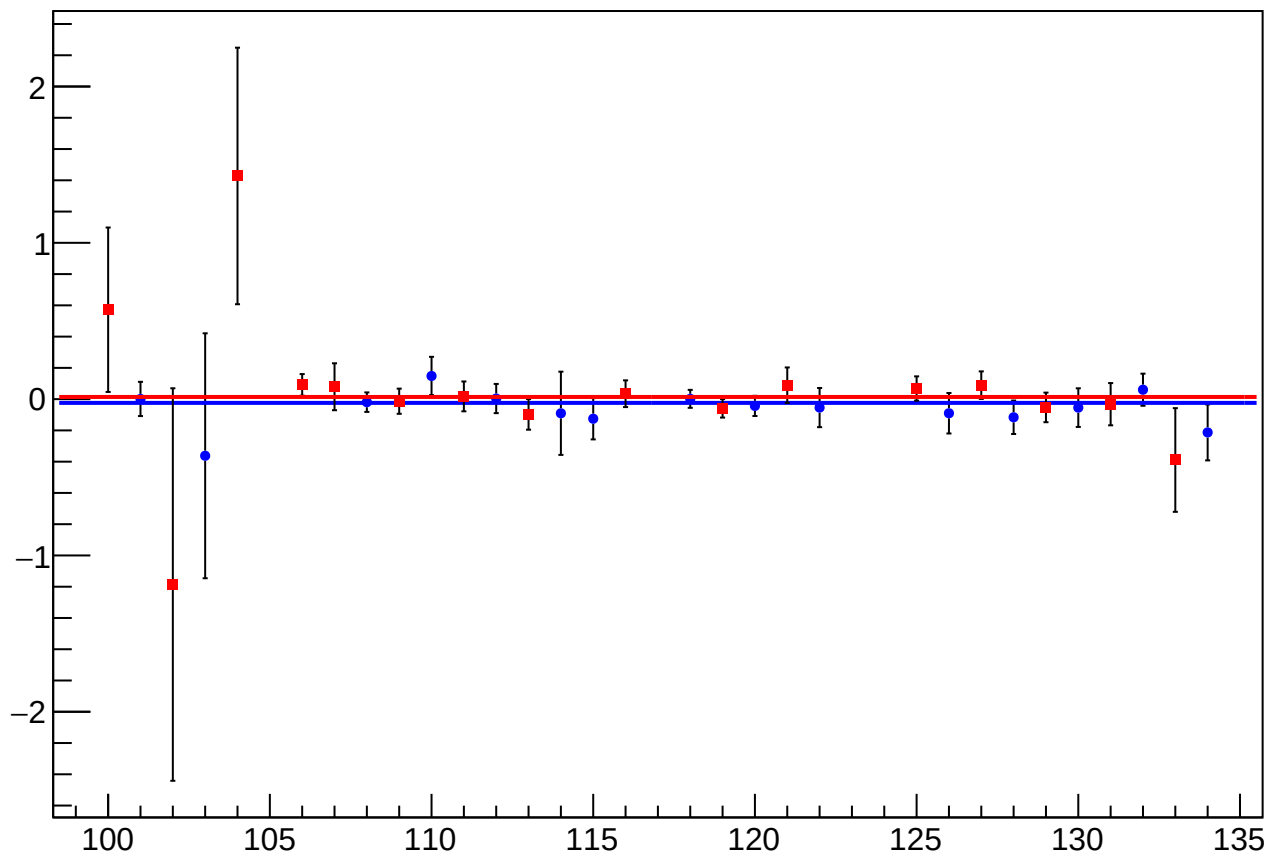
Right: 0.003+/-0.000 χ^2/NDF : 9612699.9/30

In: 0.003+/-0.000 χ^2/NDF :4415960.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9612699.9/30

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.025 χ^2/NDF : 13.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

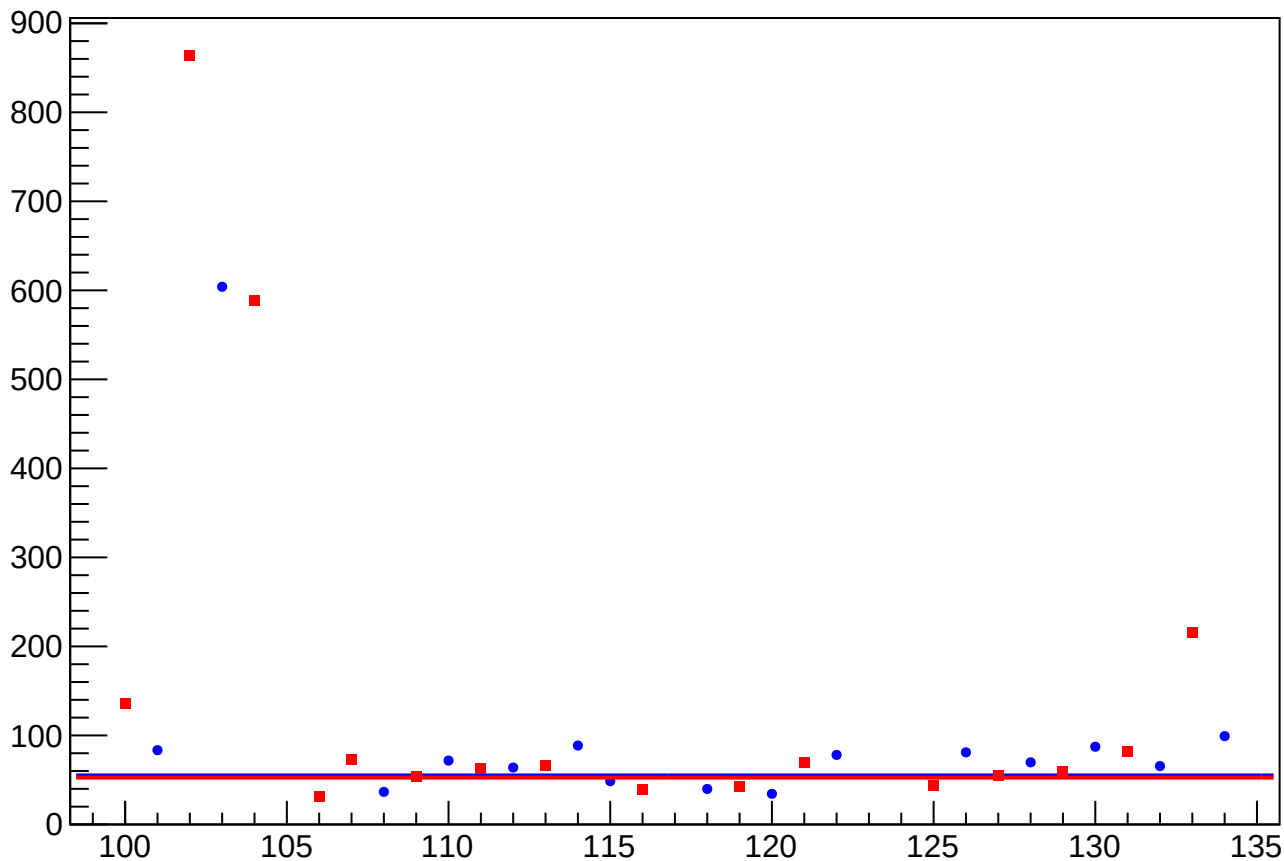
Right: -0.005 ± 0.018 χ^2/NDF : 20.5/30

In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.018 χ^2/NDF : 20.5/30

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.049+/-0.018 χ^2/NDF : 2192157.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.611+/-0.018 χ^2/NDF : 2791914.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

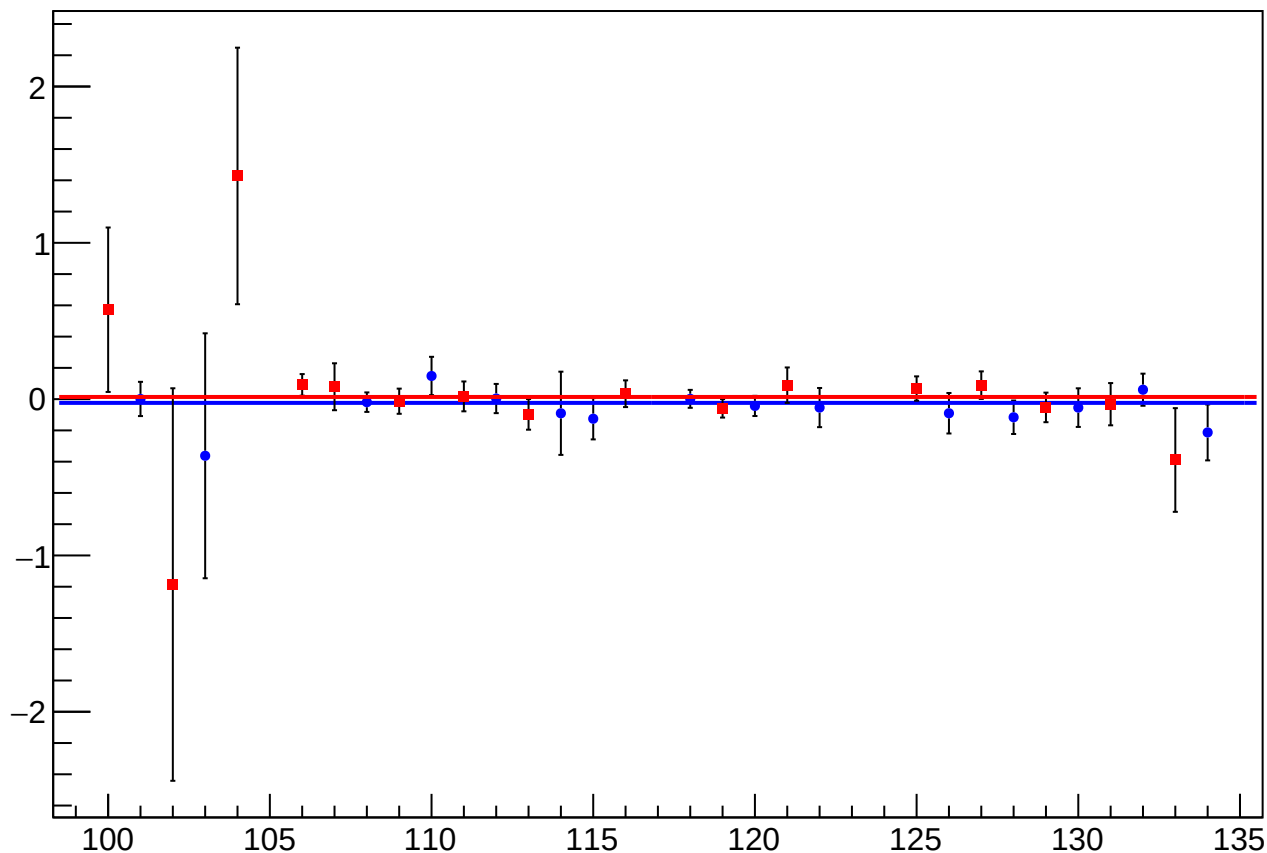
Right: 53.807+/-0.013 χ^2/NDF : 4993395.0/30

In: 55.049+/-0.018 χ^2/NDF : 2192157.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.807+/-0.013 χ^2/NDF : 4993395.0/30

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.025 χ^2/NDF : 13.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

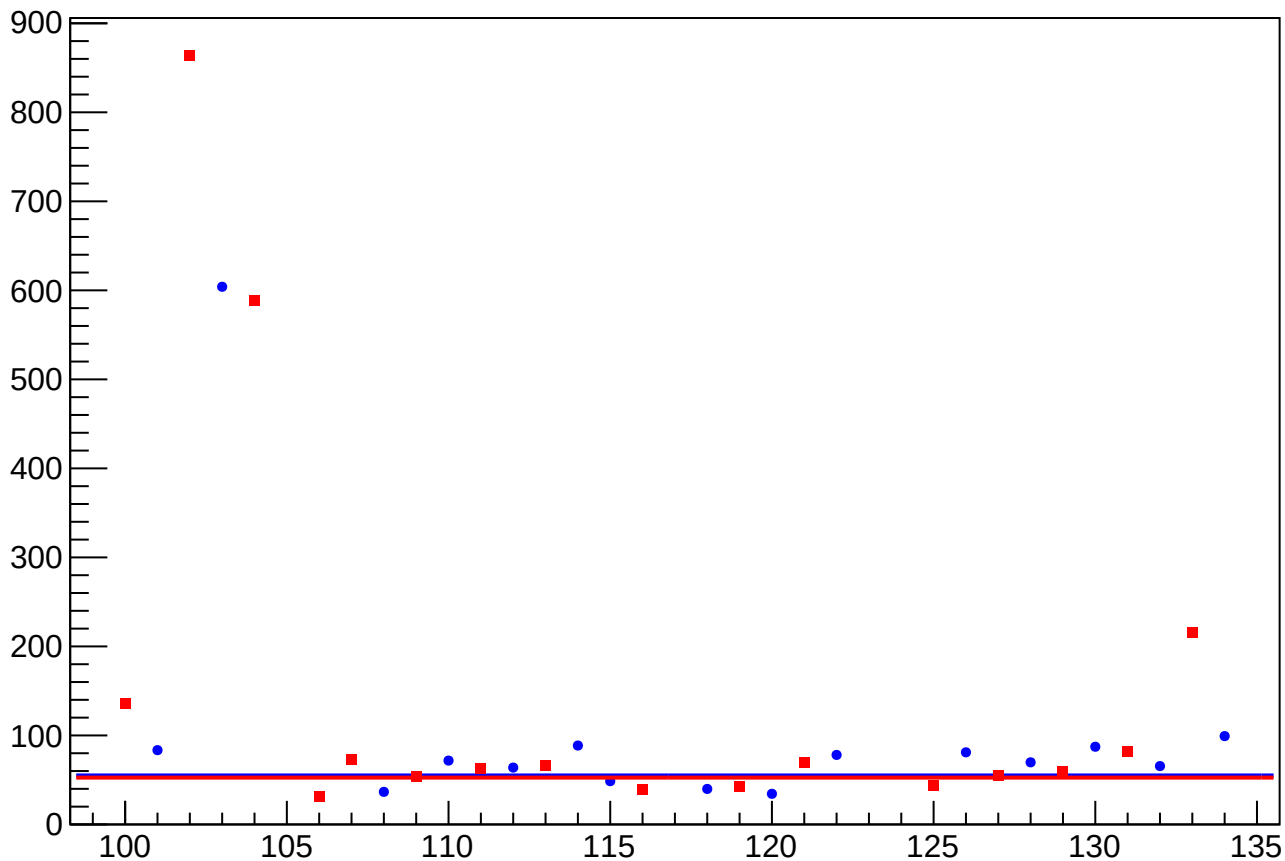
Right: -0.005 ± 0.018 χ^2/NDF : 20.5/30

In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.018 χ^2/NDF : 20.5/30

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.049+/-0.018 χ^2/NDF : 2192157.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.611+/-0.018 χ^2/NDF : 2791914.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

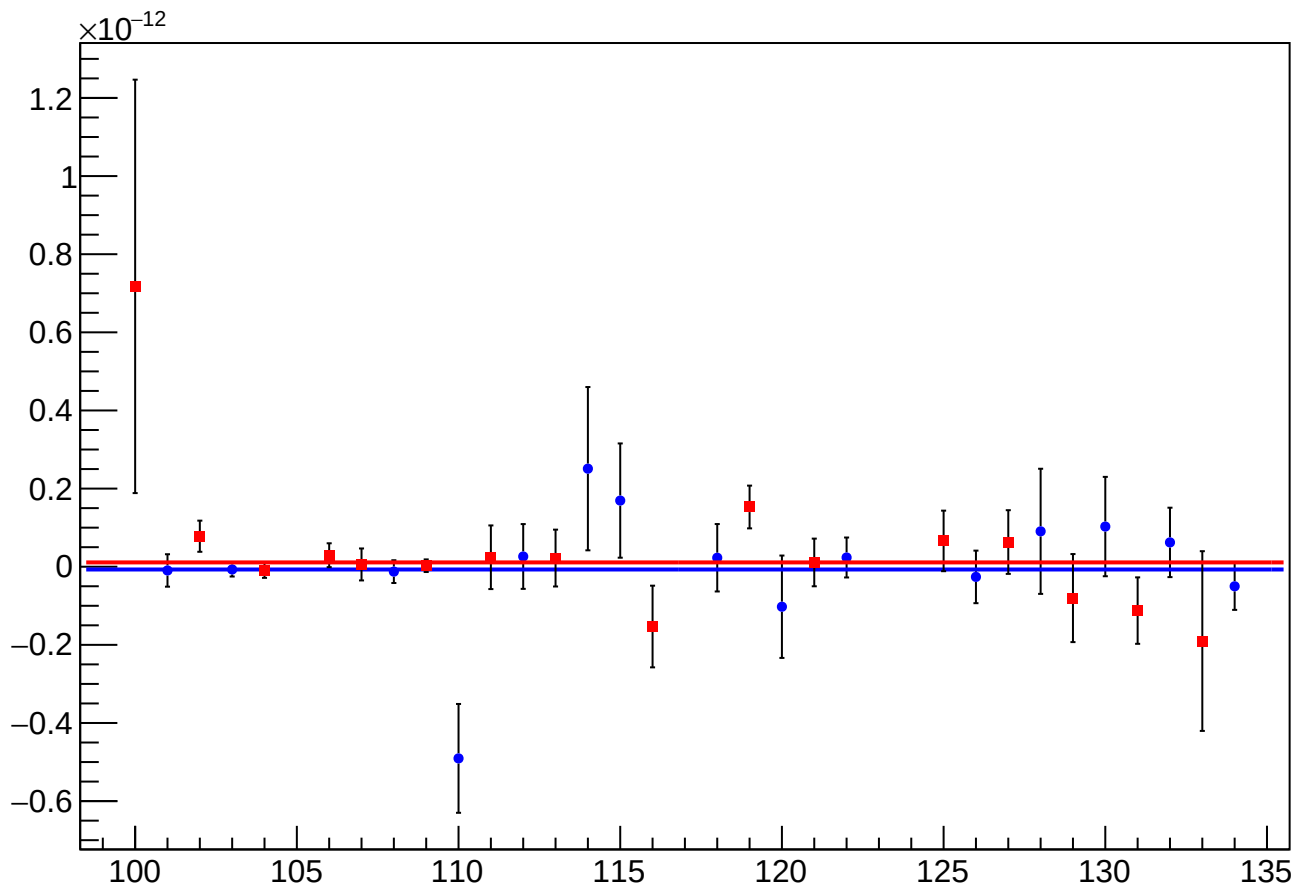
Right: 53.807+/-0.013 χ^2/NDF : 4993395.0/30

In: 55.049+/-0.018 χ^2/NDF :2192157.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.807+/-0.013 χ^2/NDF : 4993395.0/30

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 : 18.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

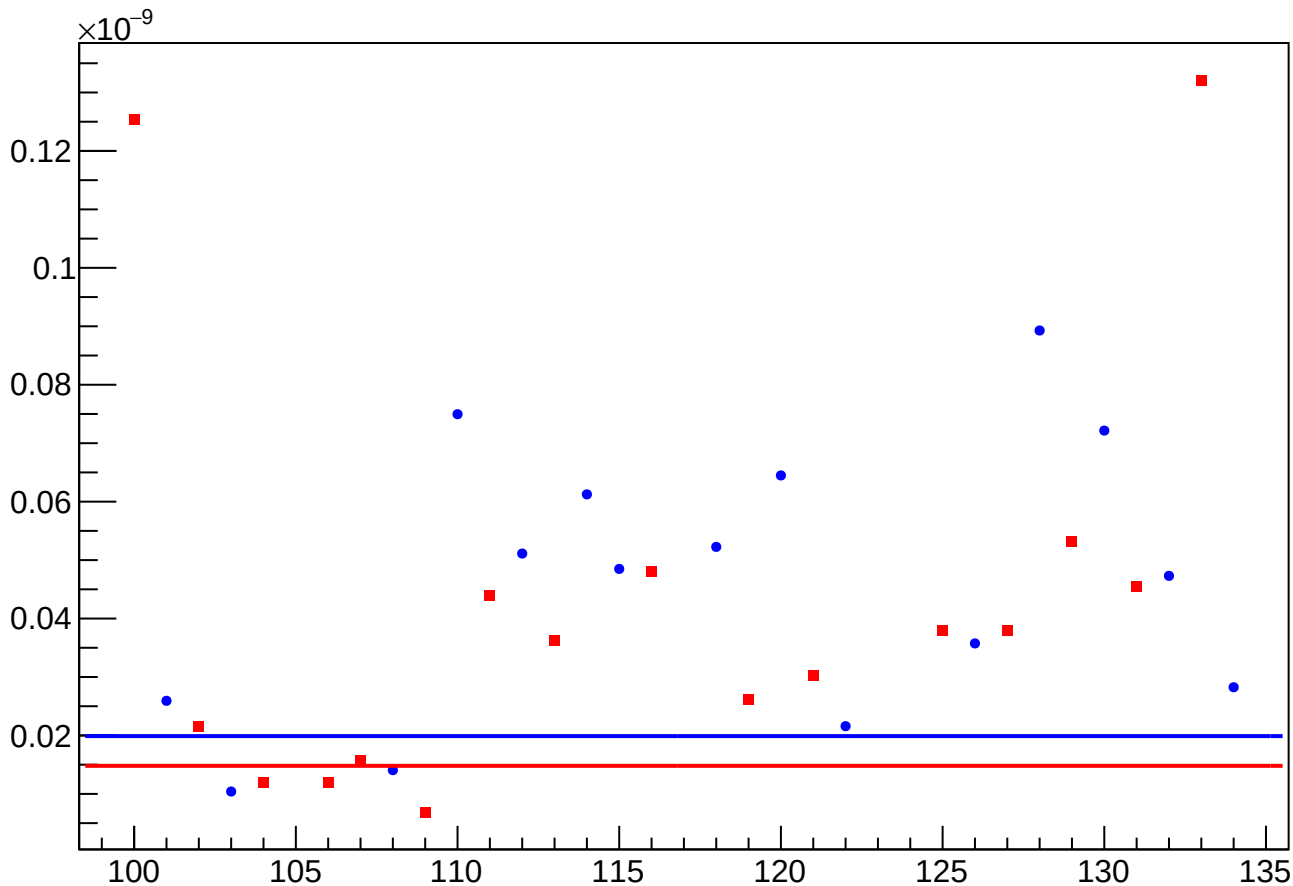
Right: 0.000+/-0.000 χ^2/NDF : 39.9/30

In: -0.000+/-0.000 χ^2/NDF : 18.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 39.9/30

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 : 2993750.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2894341.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

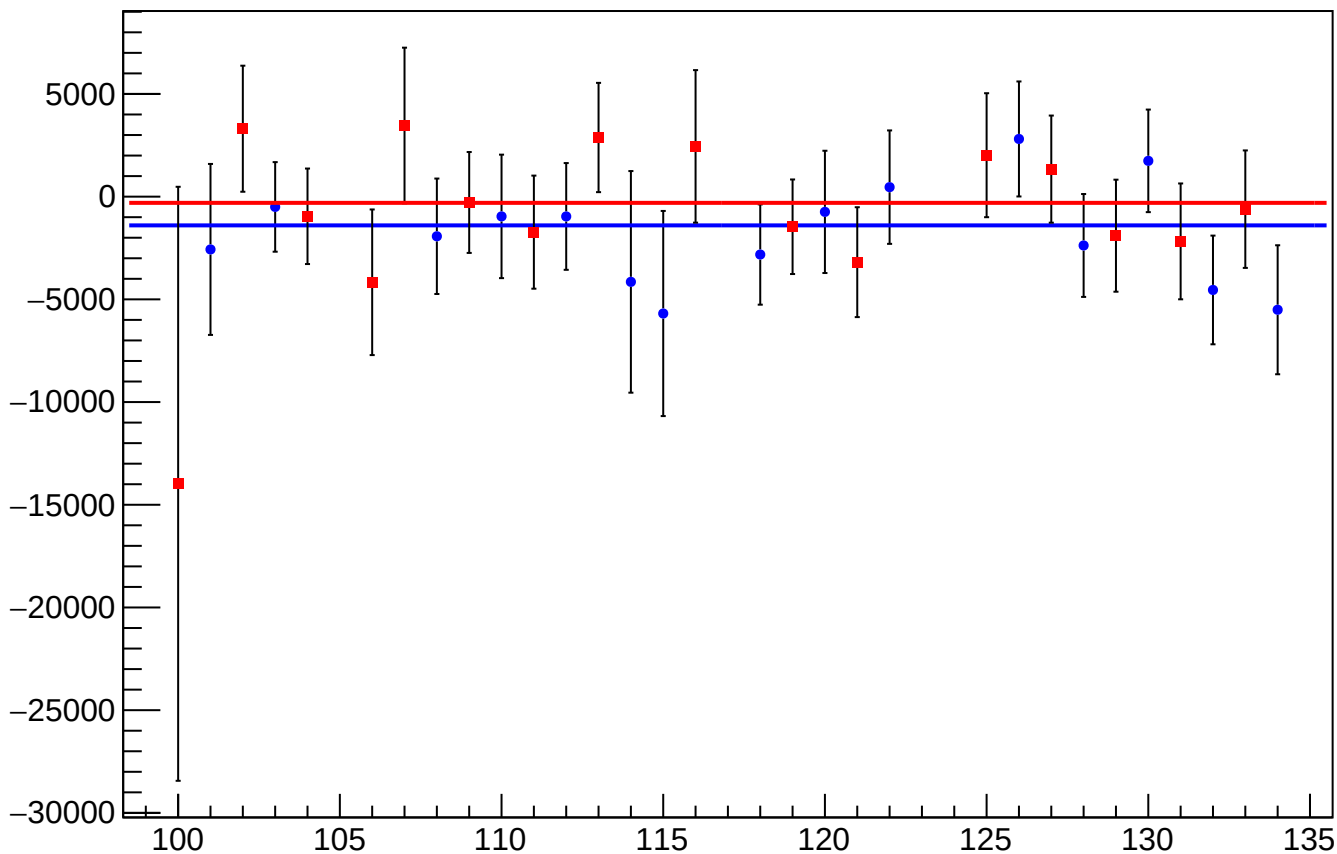
Right: 0.000+/-0.000 χ^2/NDF : 6092892.7/30

In: 0.000+/-0.000 χ^2/NDF : 2993750.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6092892.7/30

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1398.852 ± 738.903 χ^2/NDF : 9.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -302.157 ± 720.775 χ^2/NDF : 10.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

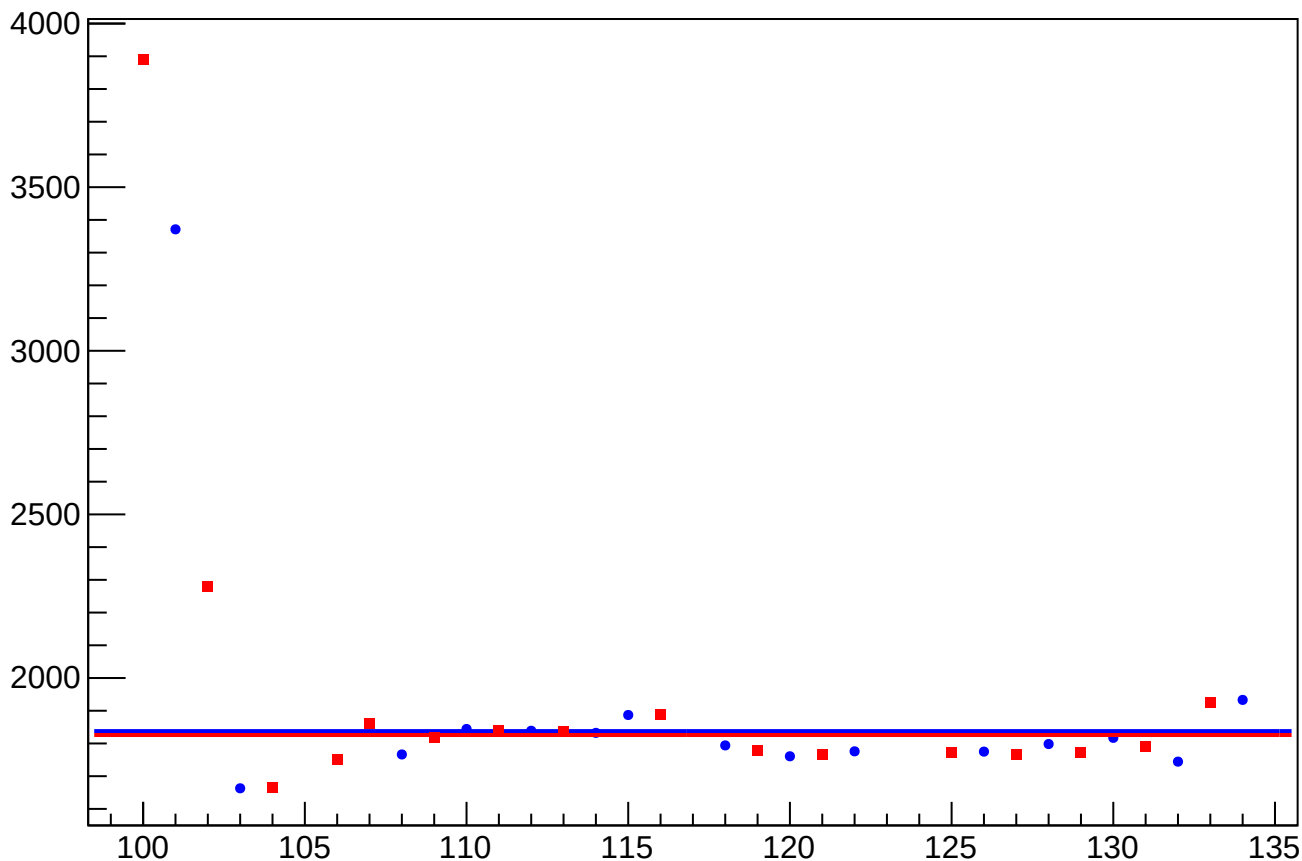
Right: -836.887 ± 515.955 χ^2/NDF : 20.4/30

In: -1398.852 ± 738.903 χ^2/NDF : 9.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -836.887 ± 515.955 χ^2/NDF : 20.4/30

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1837.767+/-0.522 χ^2/NDF : 294786.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.855+/-0.510 χ^2/NDF : 102866.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

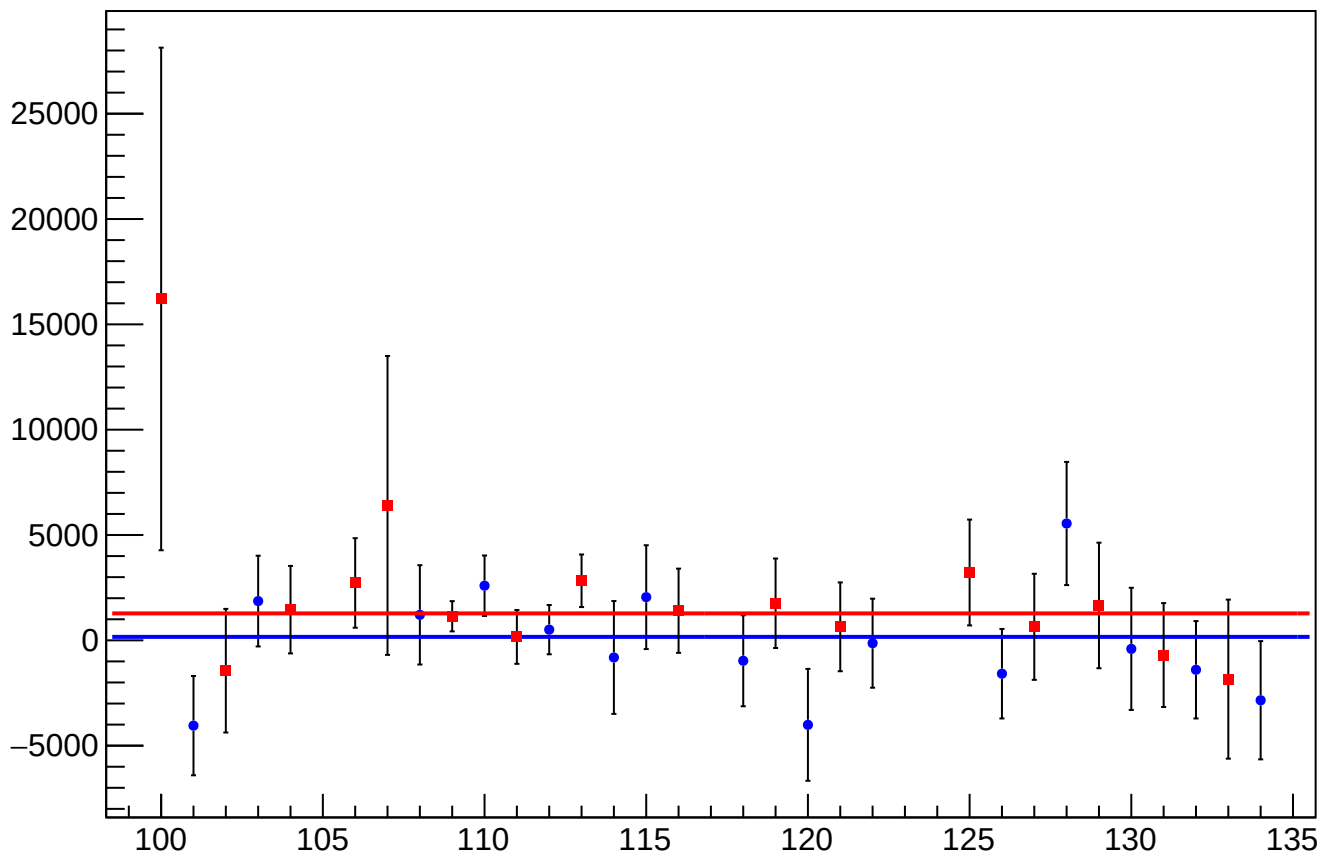
Right: 1831.663+/-0.365 χ^2/NDF : 397919.8/30

In: 1837.767+/-0.522 χ^2/NDF : 294786.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.663+/-0.365 χ^2/NDF : 397919.8/30

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 164.808+/-538.475 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.883+/-440.543 χ^2/NDF : 7.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

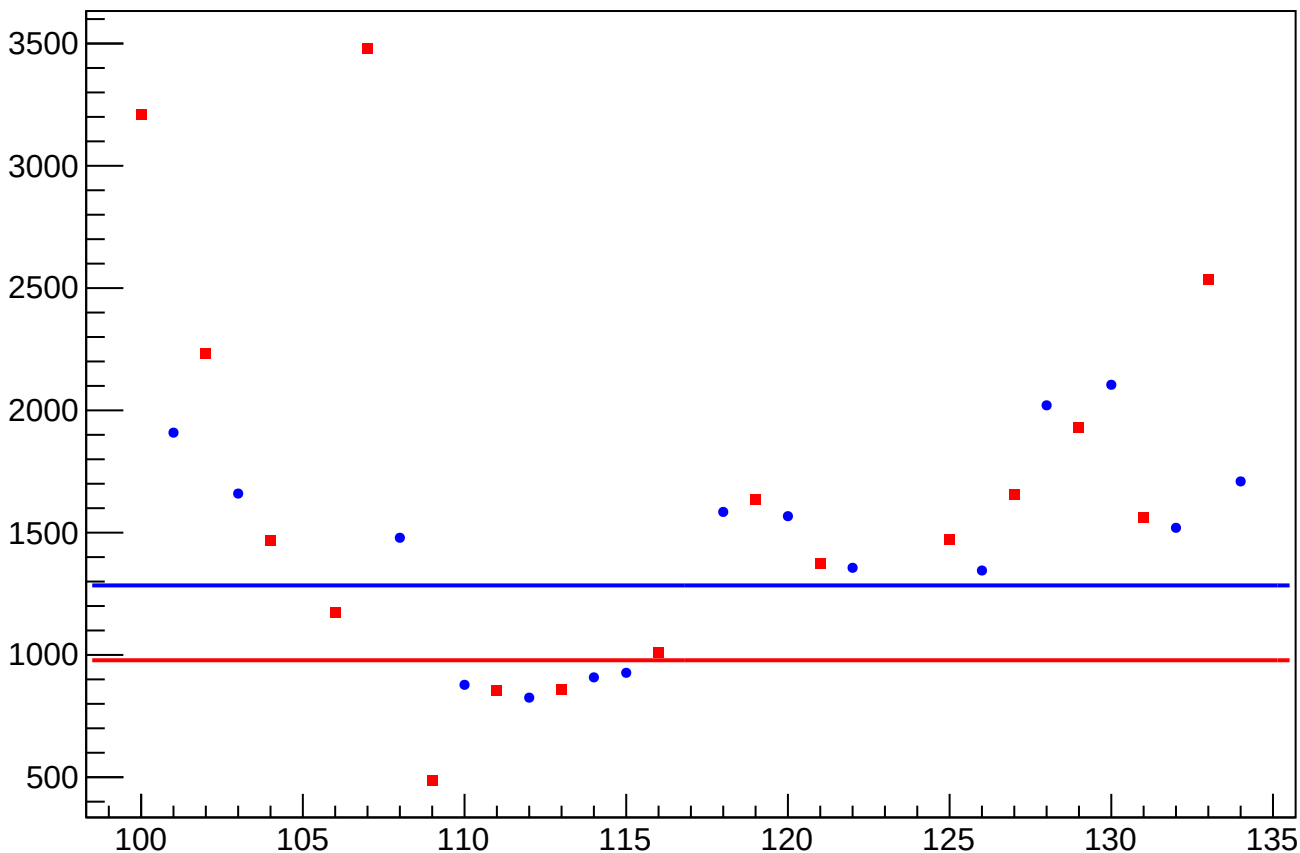
Right: 832.183+/-340.970 χ^2/NDF : 26.6/30

In: 164.808+/-538.475 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.183+/-340.970 χ^2/NDF : 26.6/30

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1284.241+/-0.381 χ^2/NDF : 1184170.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.134+/-0.312 χ^2/NDF : 2932341.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

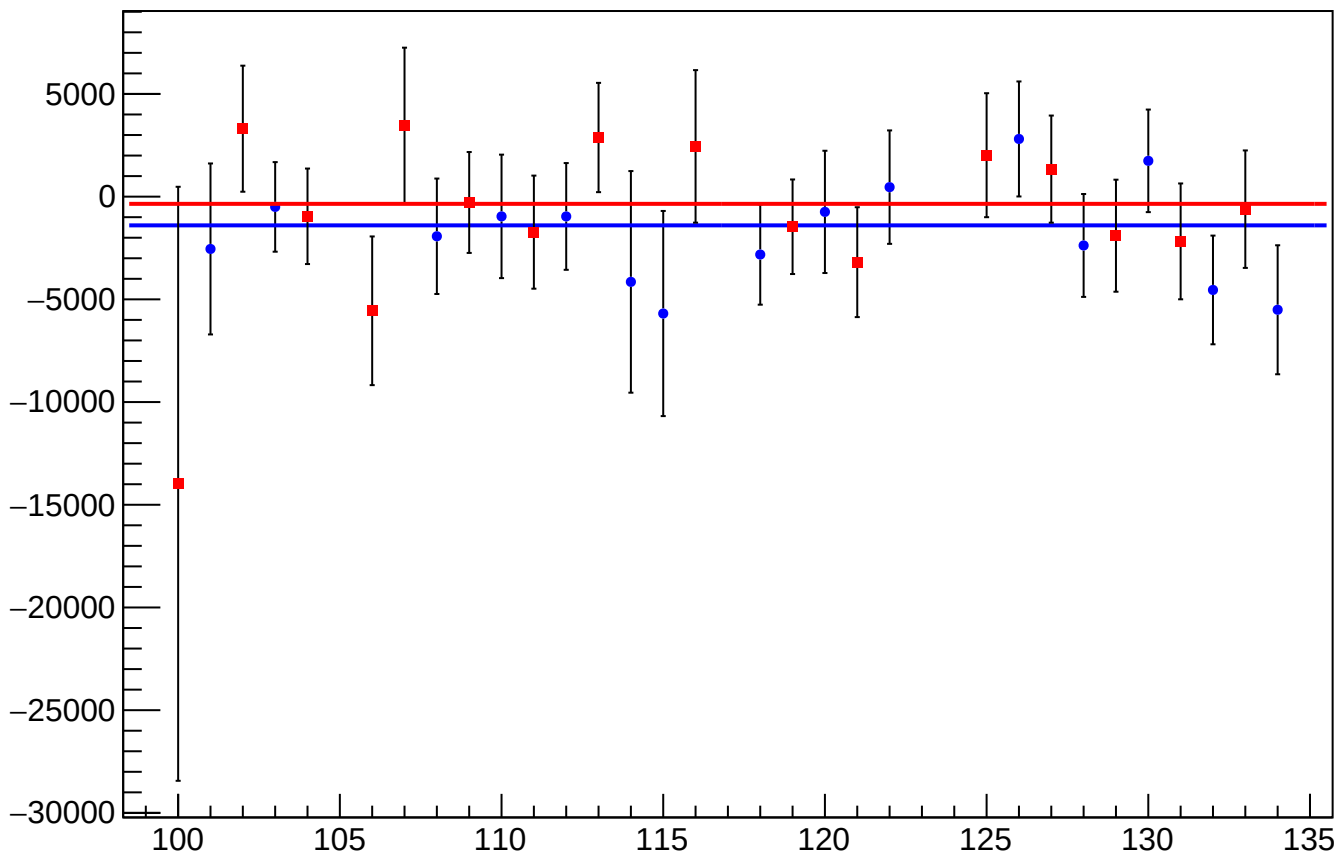
Right: 1100.871+/-0.241 χ^2/NDF : 4503681.3/30

In: 1284.241+/-0.381 χ^2/NDF : 1184170.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.871+/-0.241 χ^2/NDF : 4503681.3/30

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1398.095 $\pm$ 738.903 χ^2 /NDF: 9.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -350.909 $\pm$ 721.384 χ^2 /NDF: 10.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

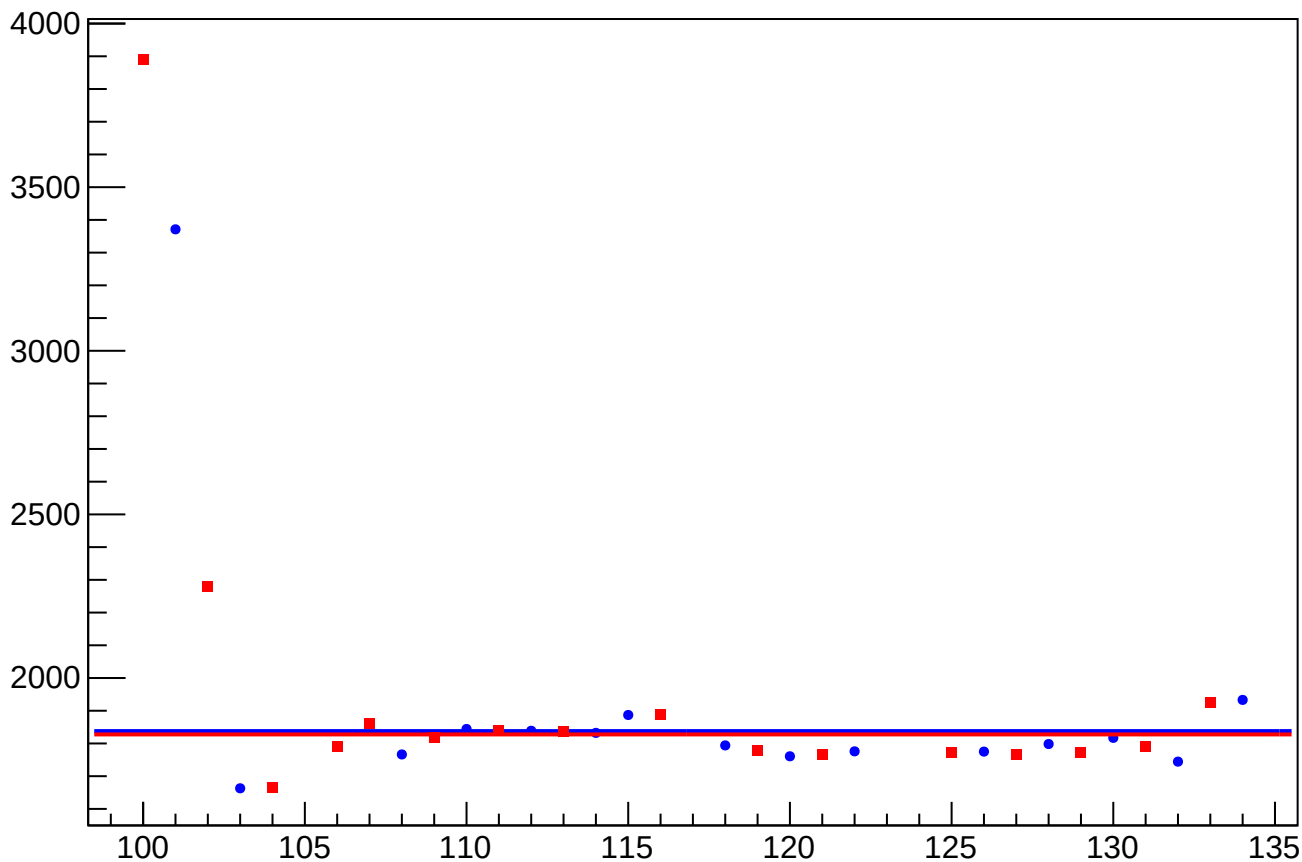
Right: -861.941 $\pm$ 516.178 χ^2 /NDF: 21.2/30

In: -1398.095 $\pm$ 738.903 χ^2 /NDF:9.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -861.941 $\pm$ 516.178 χ^2 /NDF: 21.2/30

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1837.767+/-0.522 χ^2/NDF : 294788.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.607+/-0.510 χ^2/NDF : 102134.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

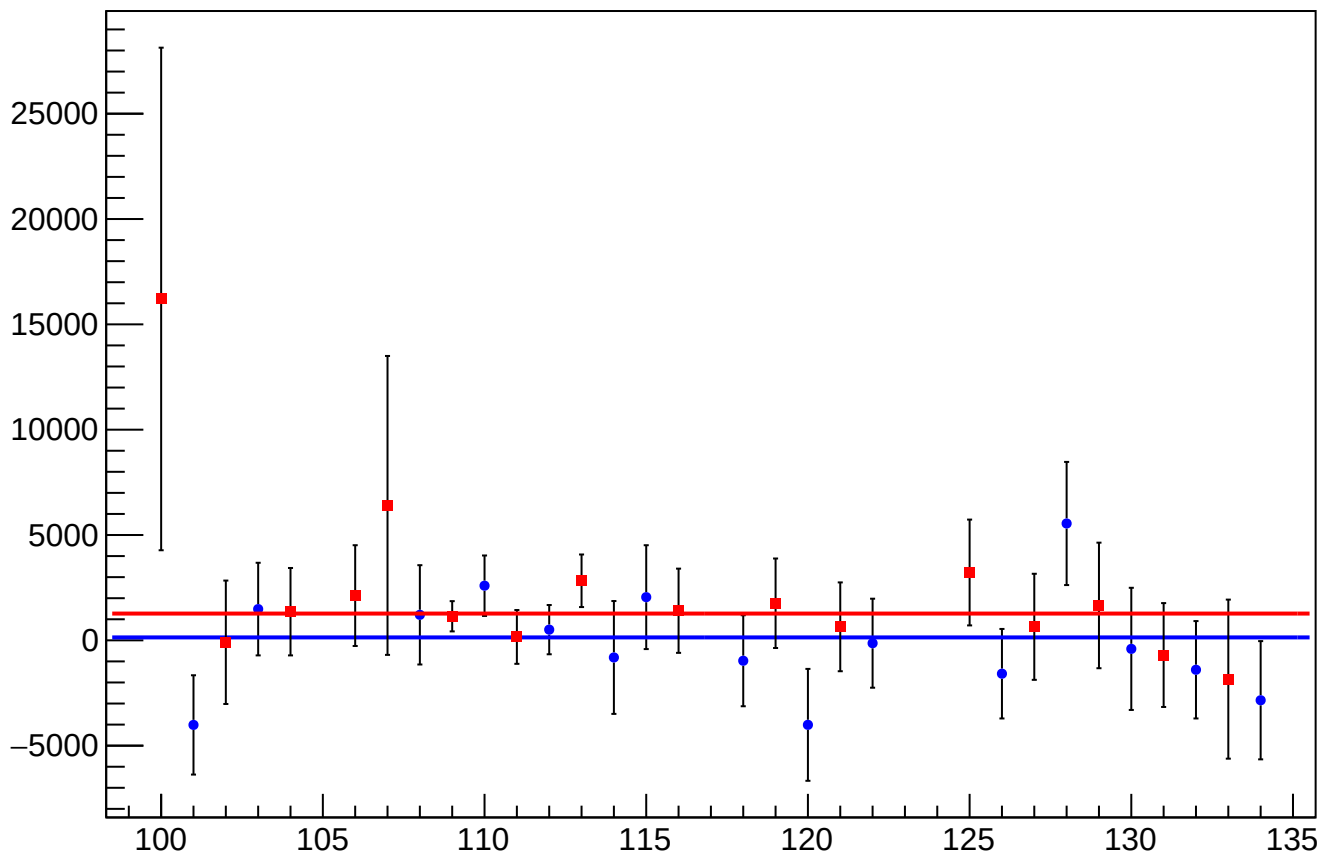
Right: 1832.565+/-0.365 χ^2/NDF : 397116.3/30

In: 1837.767+/-0.522 χ^2/NDF : 294788.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.565+/-0.365 χ^2/NDF : 397116.3/30

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 139.225+/-539.141 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1270.863+/-442.500 χ^2/NDF : 6.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

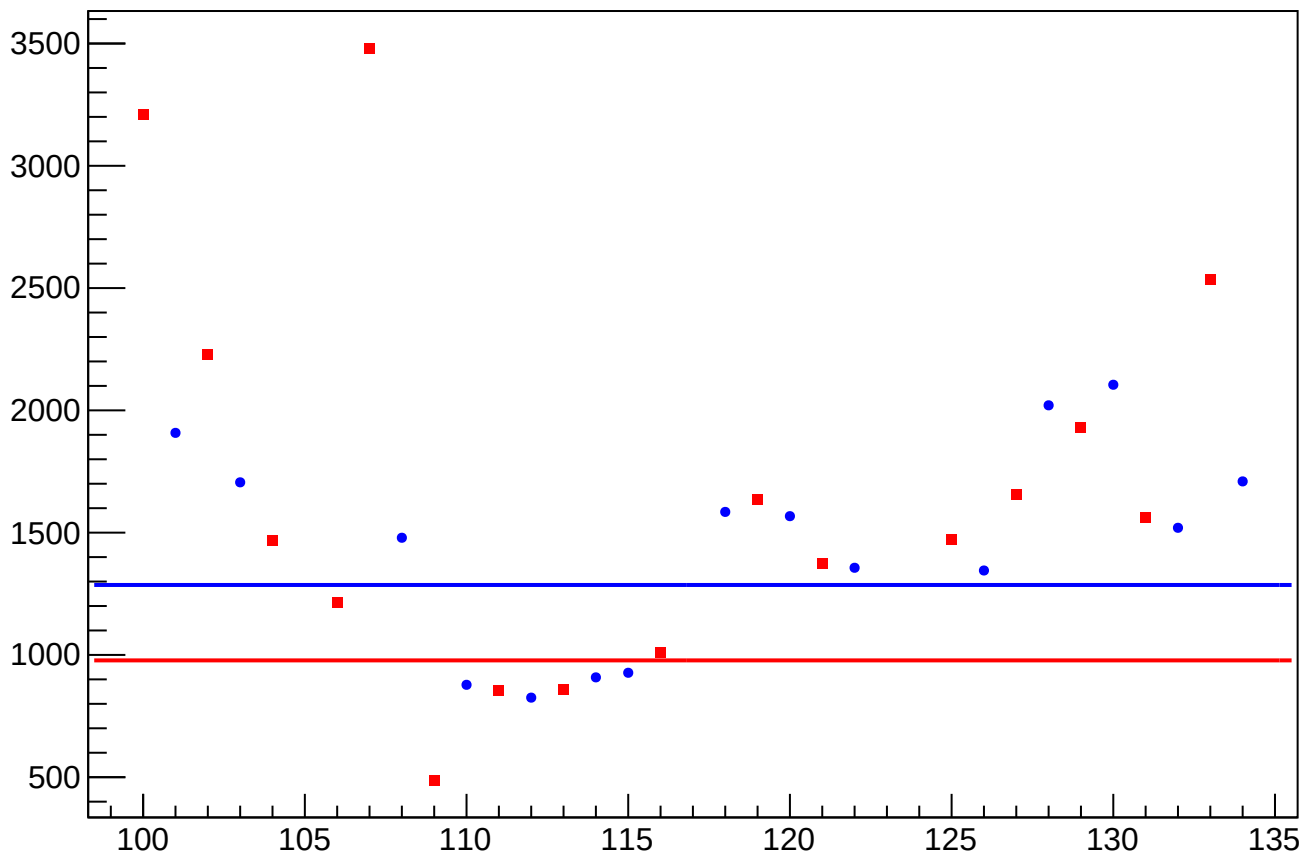
Right: 815.383+/-342.045 χ^2/NDF : 25.4/30

In: 139.225+/-539.141 χ^2/NDF : 15.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.383+/-342.045 χ^2/NDF : 25.4/30

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1286.045+/-0.381 χ^2/NDF : 1196563.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.650+/-0.313 χ^2/NDF : 2933347.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

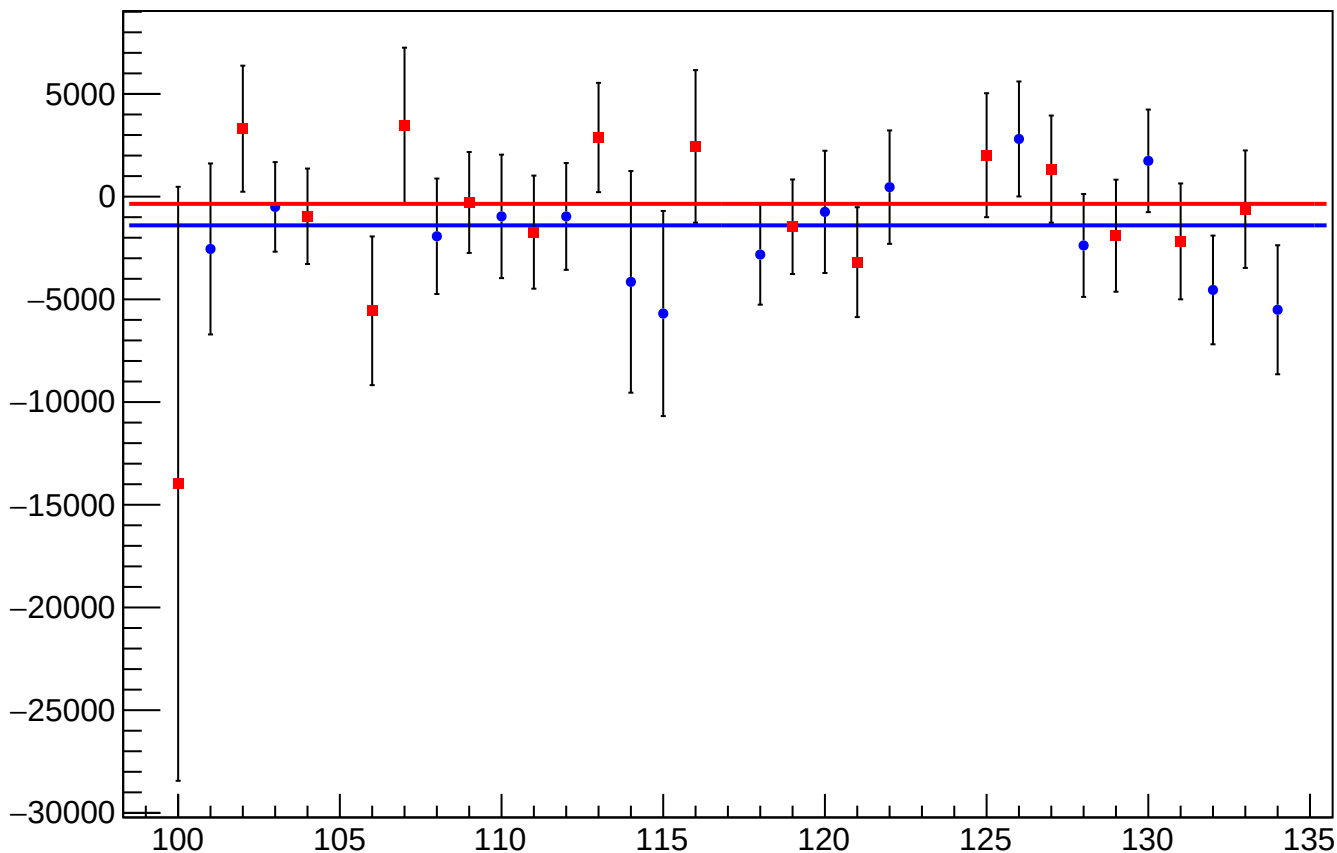
Right: 1101.778+/-0.242 χ^2/NDF : 4520914.9/30

In: 1286.045+/-0.381 χ^2/NDF : 1196563.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.778+/-0.242 χ^2/NDF : 4520914.9/30

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1398.095 ± 738.903 χ^2/NDF : 9.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -350.909 ± 721.384 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

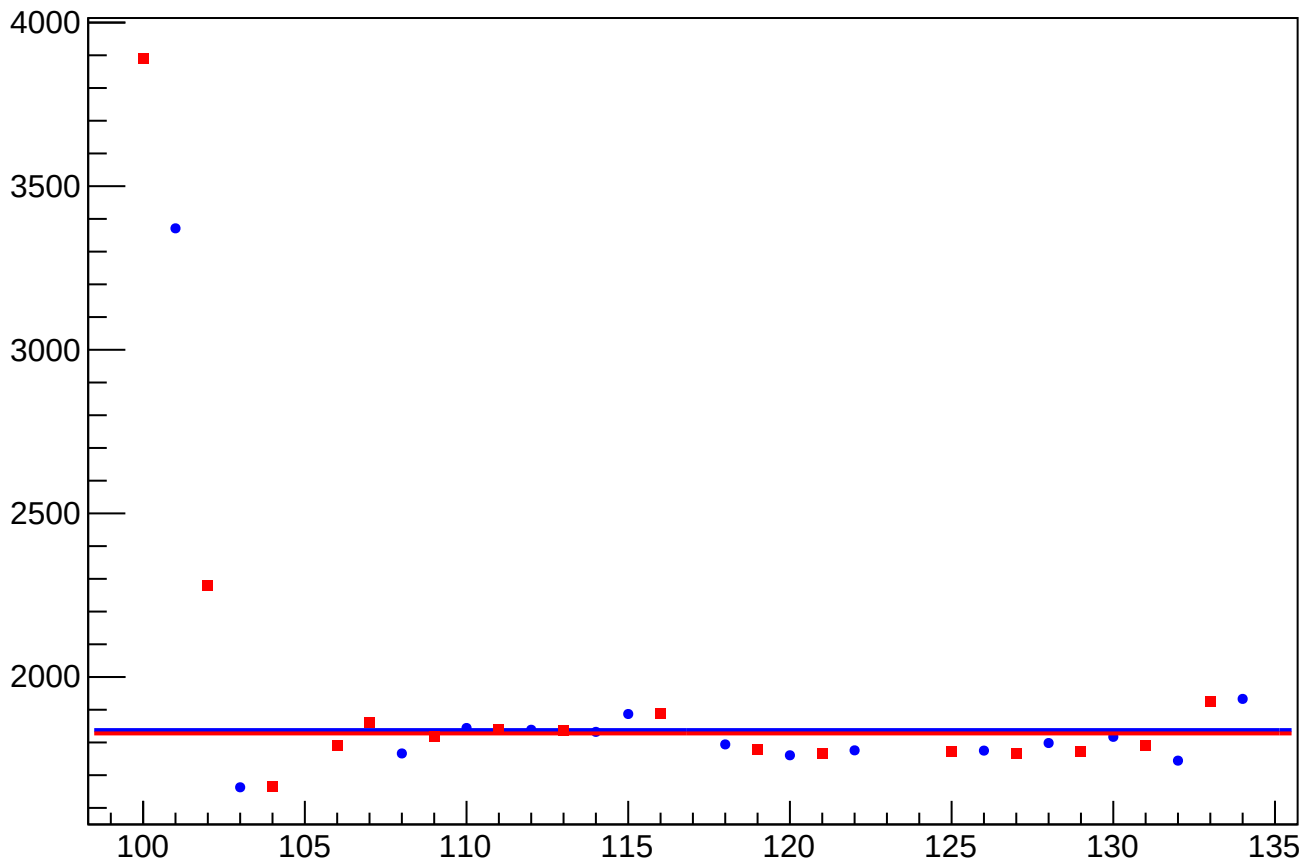
Right: -861.941 ± 516.178 χ^2/NDF : 21.2/30

In: -1398.095 ± 738.903 χ^2/NDF : 9.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -861.941 ± 516.178 χ^2/NDF : 21.2/30

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1837.767+/-0.522 χ^2/NDF : 294788.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.607+/-0.510 χ^2/NDF : 102134.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

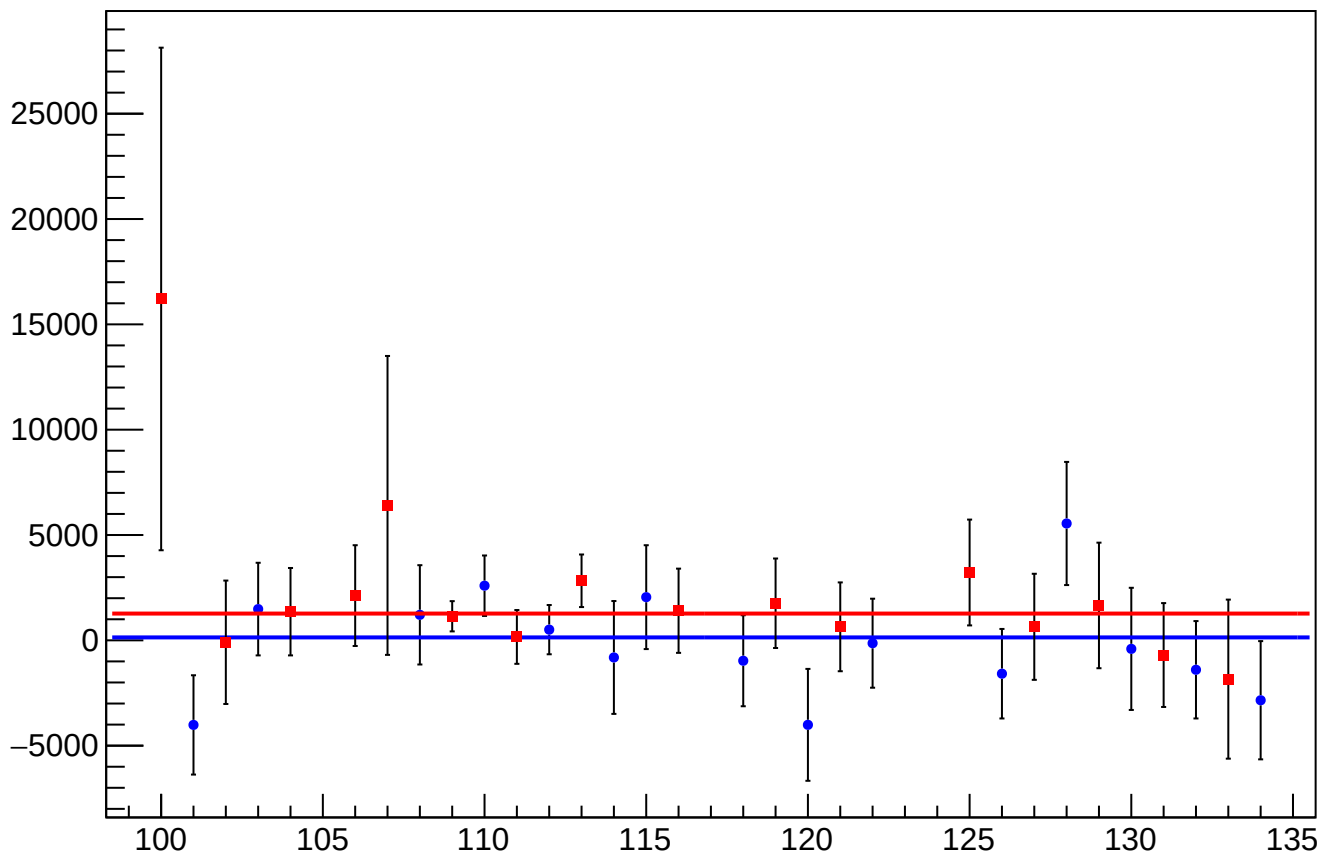
Right: 1832.565+/-0.365 χ^2/NDF : 397116.3/30

In: 1837.767+/-0.522 χ^2/NDF : 294788.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.565+/-0.365 χ^2/NDF : 397116.3/30

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 139.225+/-539.141 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1270.863+/-442.500 χ^2/NDF : 6.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

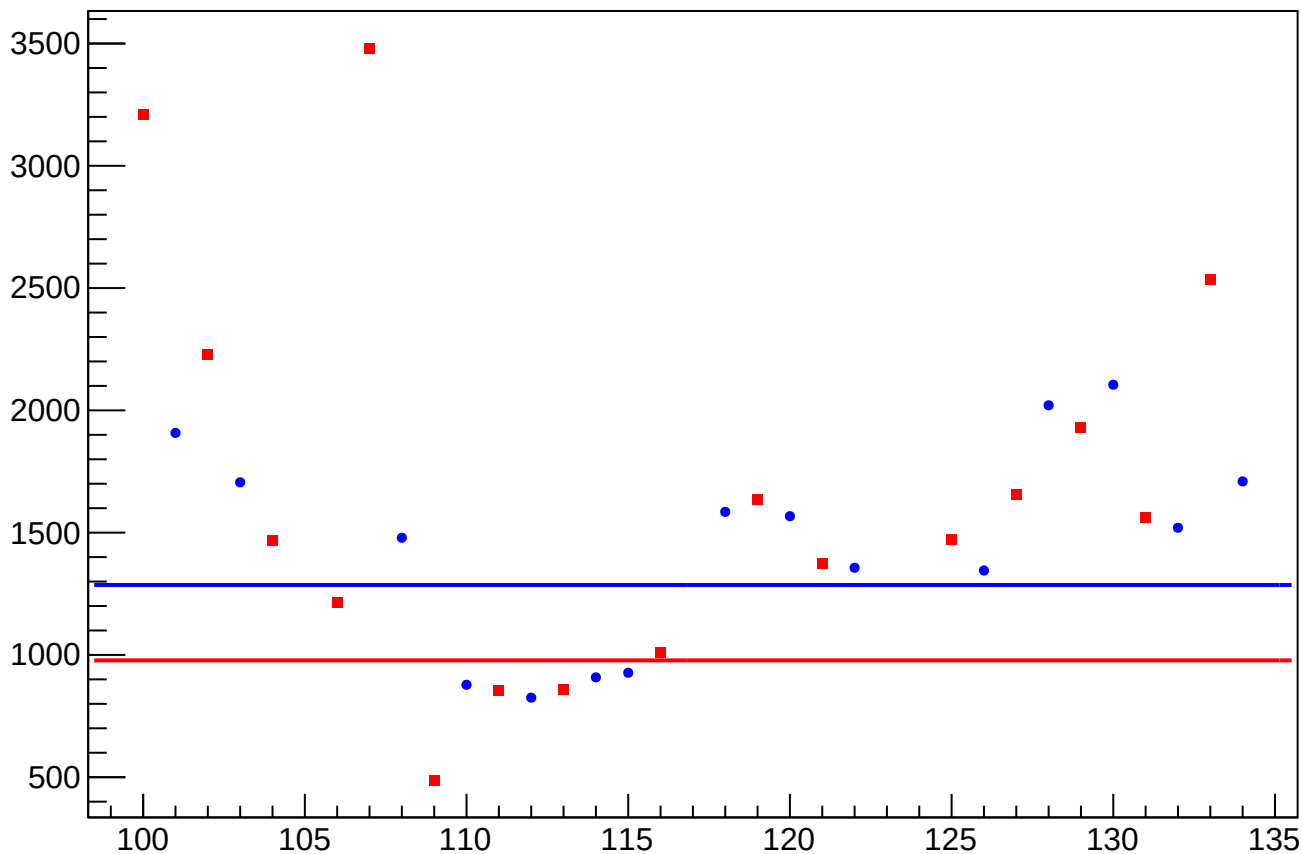
Right: 815.383+/-342.045 χ^2/NDF : 25.4/30

In: 139.225+/-539.141 χ^2/NDF : 15.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.383+/-342.045 χ^2/NDF : 25.4/30

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1286.045+/-0.381 χ^2/NDF : 1196563.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.650+/-0.313 χ^2/NDF : 2933347.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

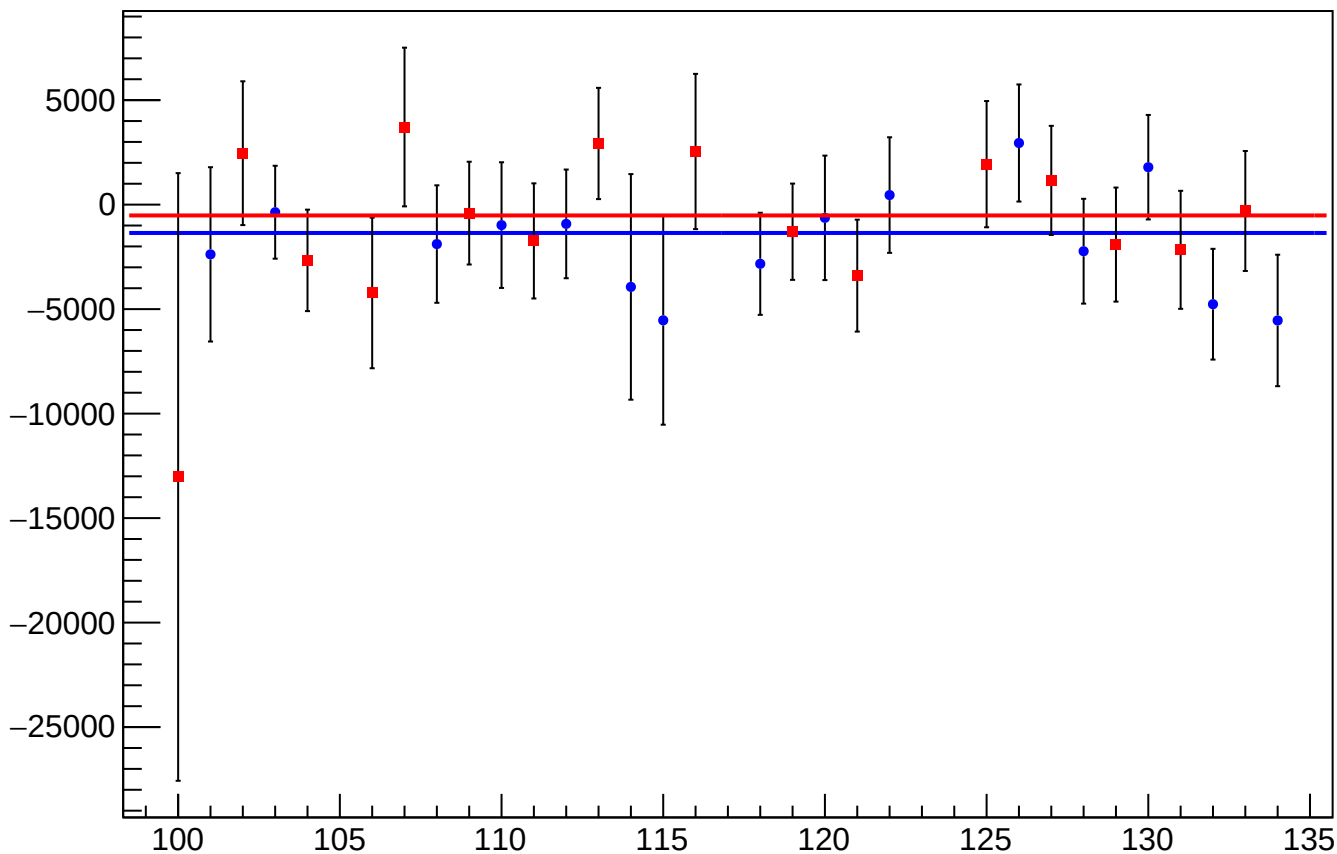
Right: 1101.778+/-0.242 χ^2/NDF : 4520914.9/30

In: 1286.045+/-0.381 χ^2/NDF : 1196563.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.778+/-0.242 χ^2/NDF : 4520914.9/30

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1355.728+/-741.214 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -517.196+/-729.044 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

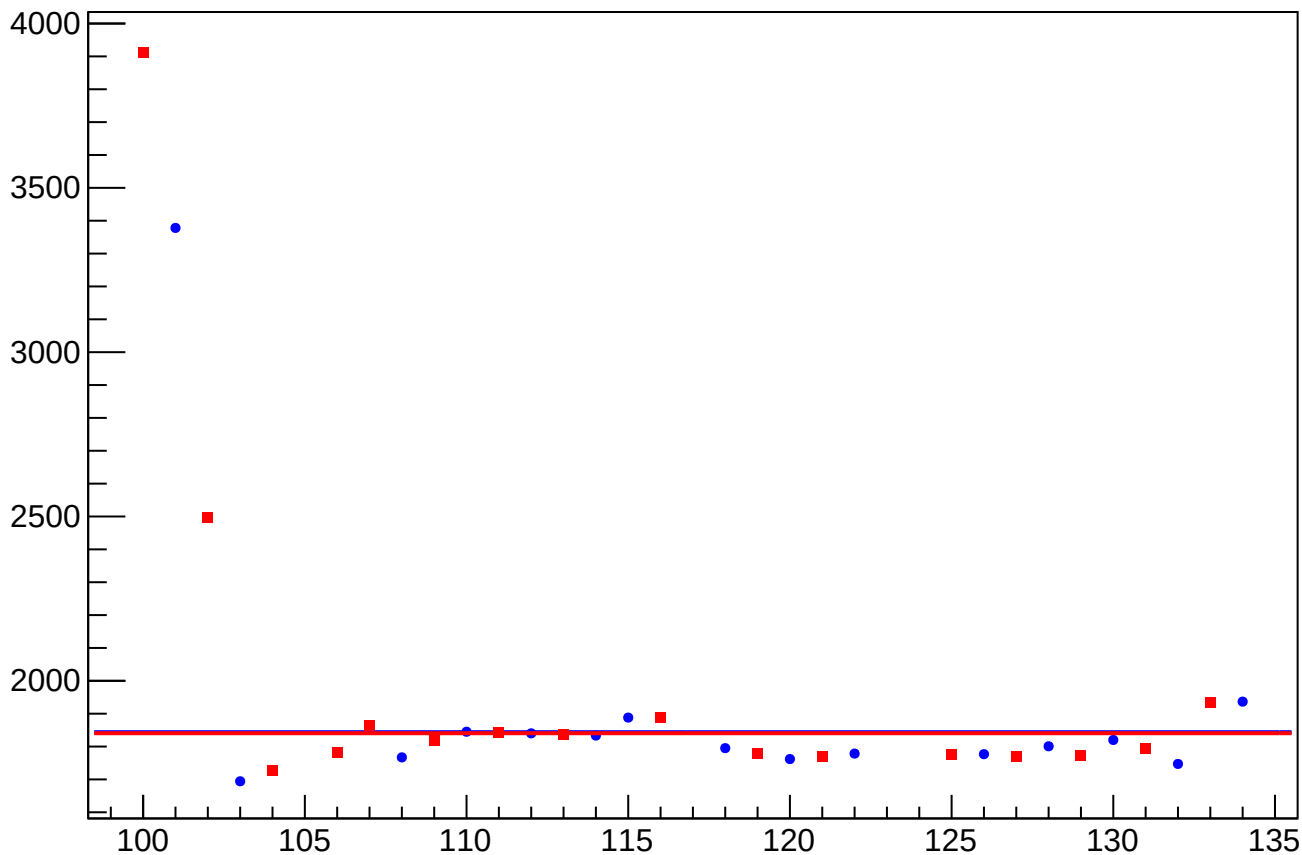
Right: -929.522+/-519.761 χ^2/NDF : 20.3/30

In: -1355.728+/-741.214 χ^2/NDF : 9.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -929.522+/-519.761 χ^2/NDF : 20.3/30

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1843.681+/-0.524 χ^2/NDF : 291137.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.573+/-0.516 χ^2/NDF : 128075.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

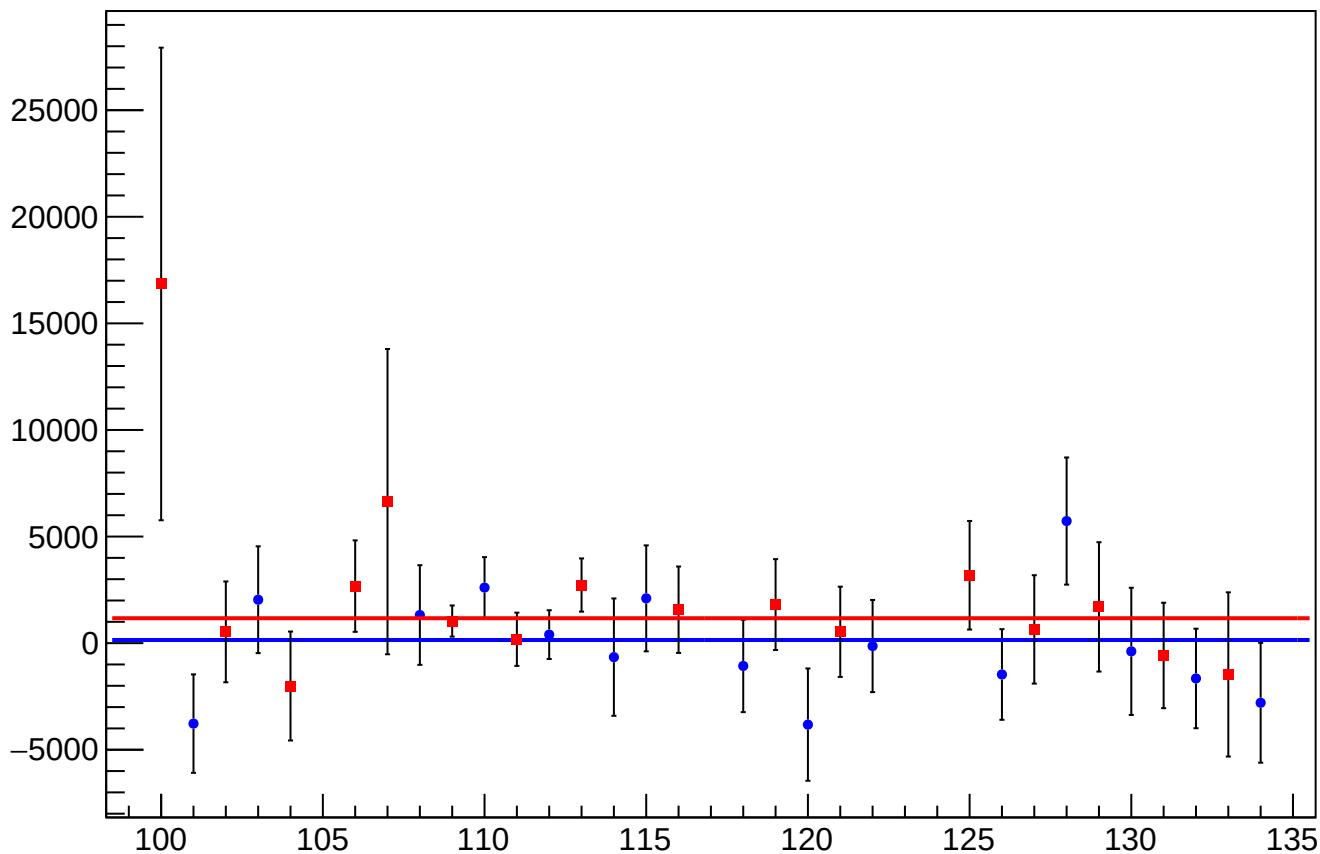
Right: 1842.101+/-0.368 χ^2/NDF : 419230.6/30

In: 1843.681+/-0.524 χ^2/NDF : 291137.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.101+/-0.368 χ^2/NDF : 419230.6/30

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 147.573+/-541.909 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1168.880+/-444.111 χ^2/NDF : 8.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

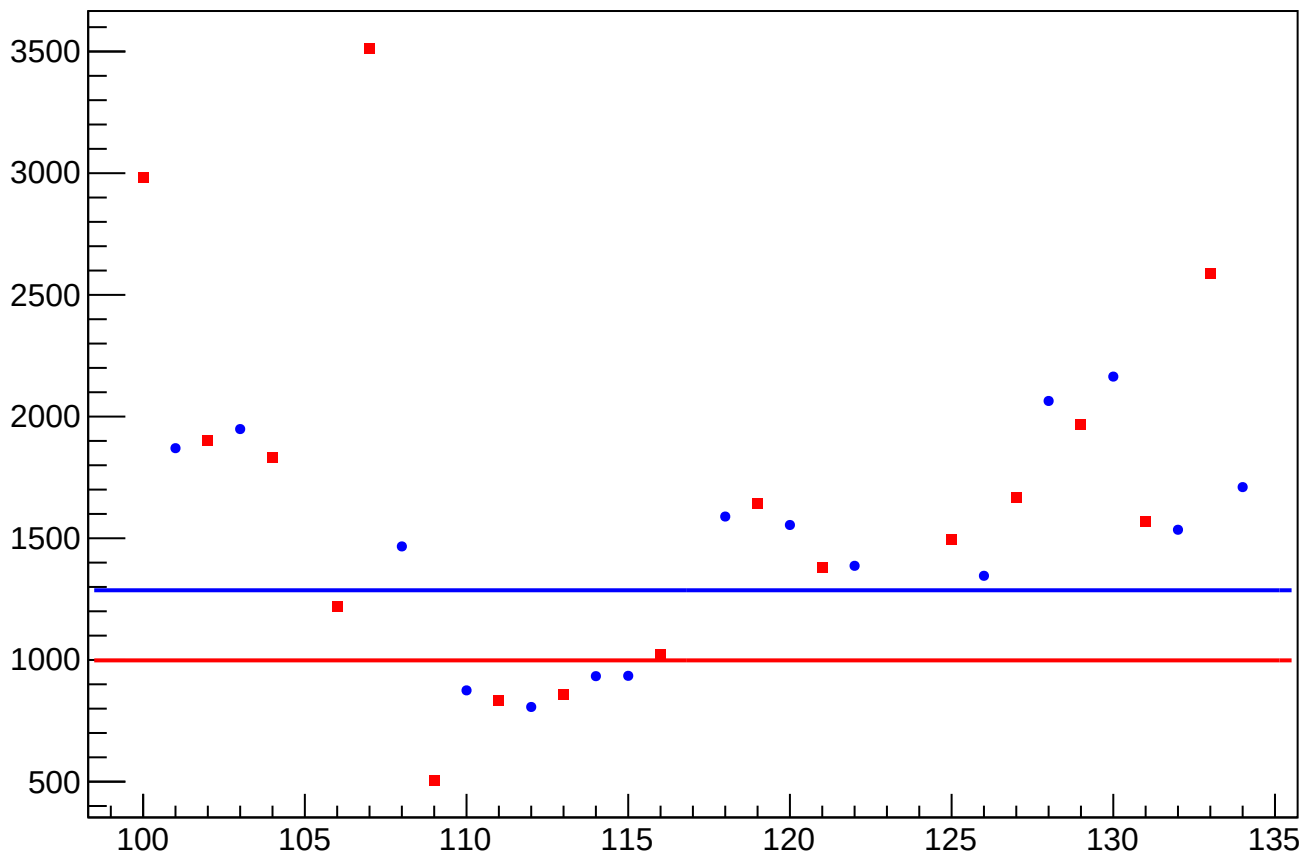
Right: 758.537+/-343.496 χ^2/NDF : 26.7/30

In: 147.573+/-541.909 χ^2/NDF : 15.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.537+/-343.496 χ^2/NDF : 26.7/30

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1286.359+/-0.383 χ^2/NDF : 1312688.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 998.321+/-0.314 χ^2/NDF : 2927075.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

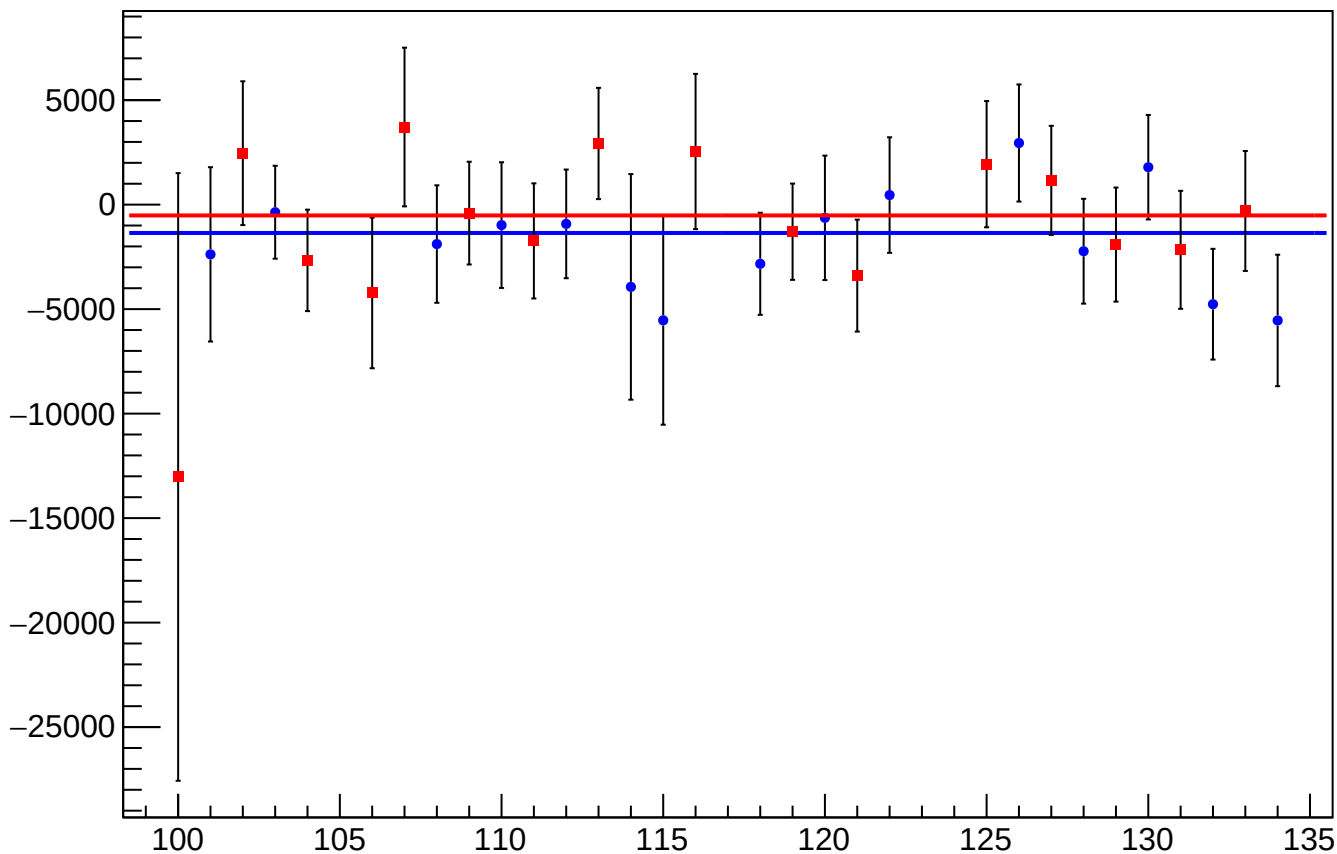
Right: 1114.049+/-0.243 χ^2/NDF : 4577778.4/30

In: 1286.359+/-0.383 χ^2/NDF :1312688.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1114.049+/-0.243 χ^2/NDF : 4577778.4/30

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1355.726 $\pm$ 741.214 χ^2 /NDF: 9.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -517.200 $\pm$ 729.044 χ^2 /NDF: 10.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

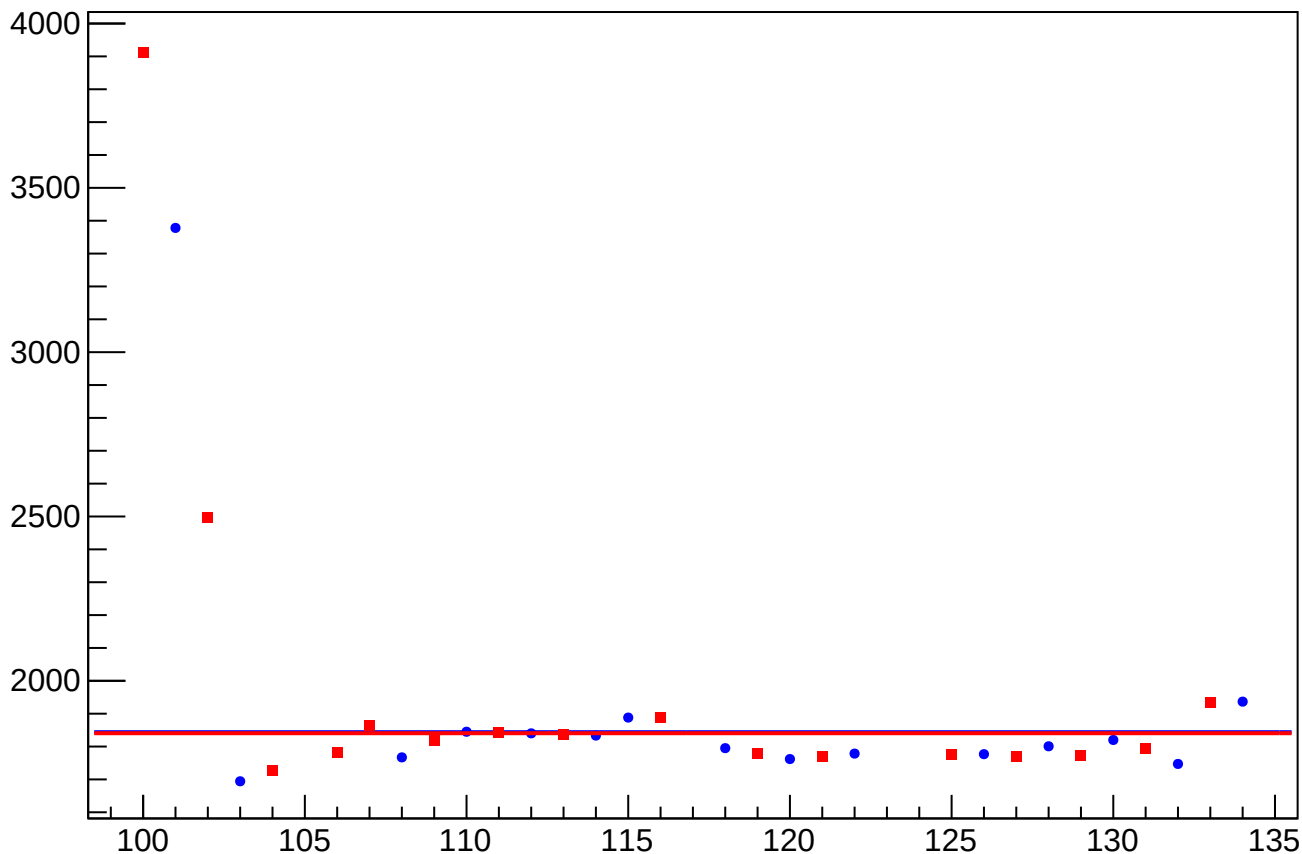
Right: -929.523 $\pm$ 519.761 χ^2 /NDF: 20.3/30

In: -1355.726 $\pm$ 741.214 χ^2 /NDF:9.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -929.523 $\pm$ 519.761 χ^2 /NDF: 20.3/30

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1843.681+/-0.524 χ^2/NDF : 291137.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.573+/-0.516 χ^2/NDF : 128075.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

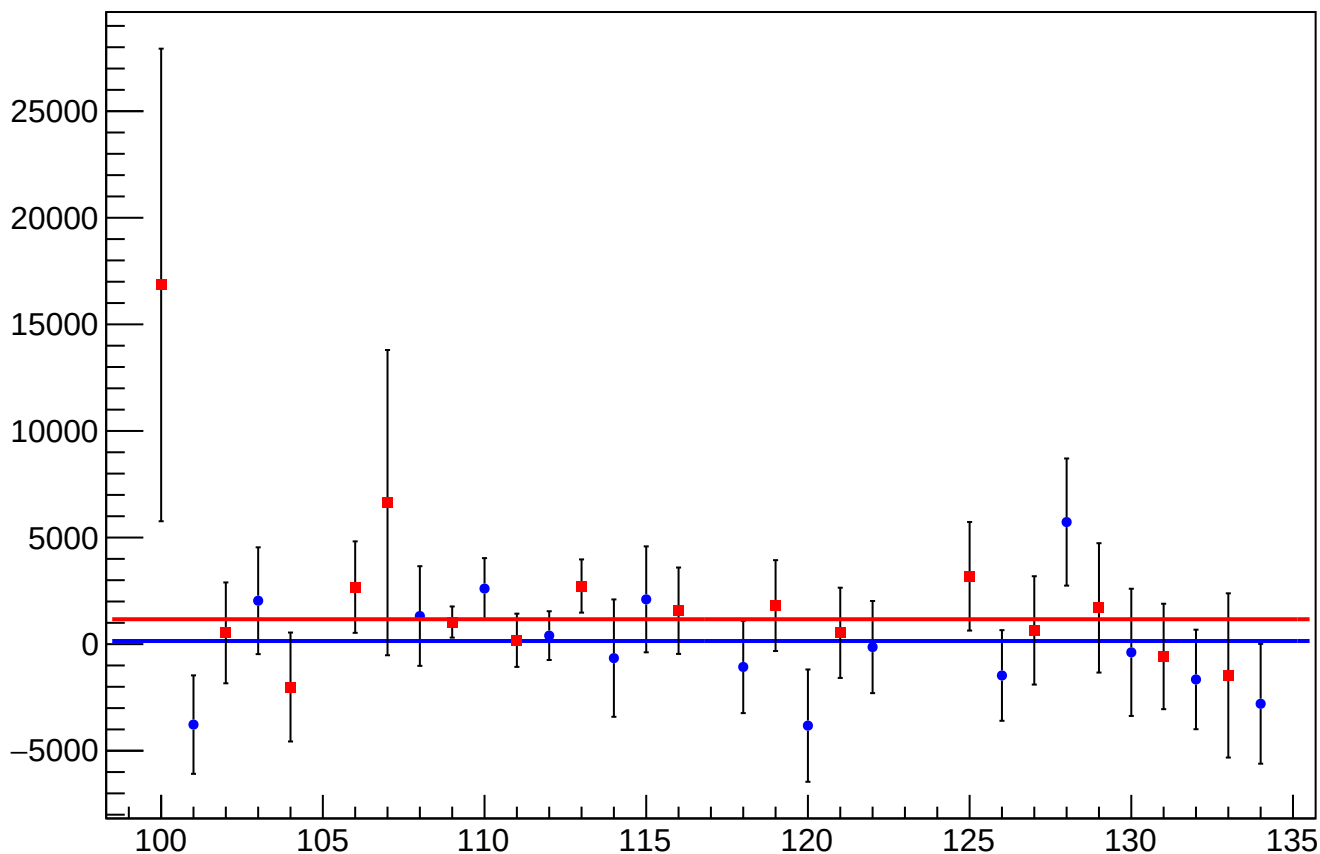
Right: 1842.101+/-0.368 χ^2/NDF : 419230.6/30

In: 1843.681+/-0.524 χ^2/NDF : 291137.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.101+/-0.368 χ^2/NDF : 419230.6/30

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 147.575+/-541.907 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1168.877+/-444.110 χ^2/NDF : 8.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

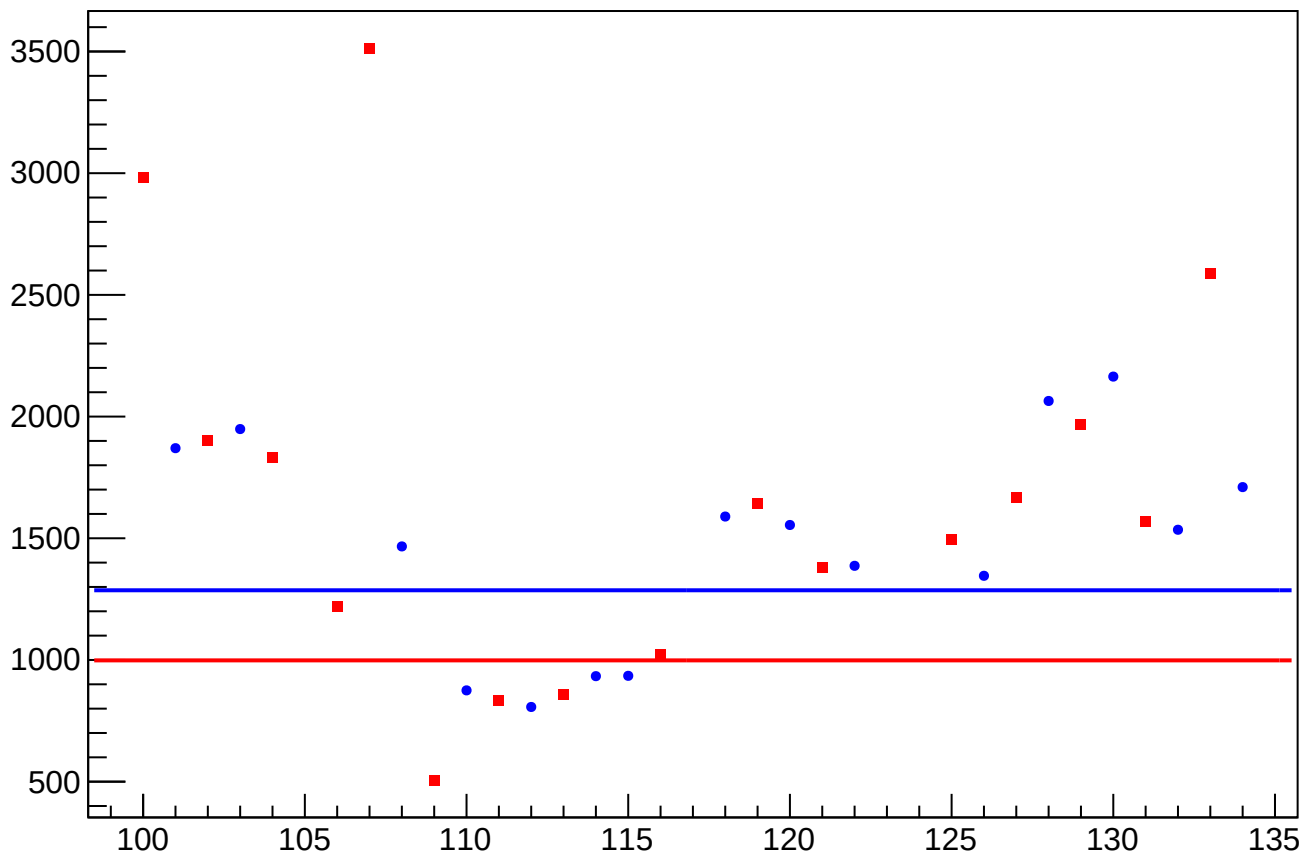
Right: 758.535+/-343.495 χ^2/NDF : 26.7/30

In: 147.575+/-541.907 χ^2/NDF : 15.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.535+/-343.495 χ^2/NDF : 26.7/30

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1286.351+/-0.383 χ^2/NDF : 1312702.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 998.319+/-0.314 χ^2/NDF : 2927064.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

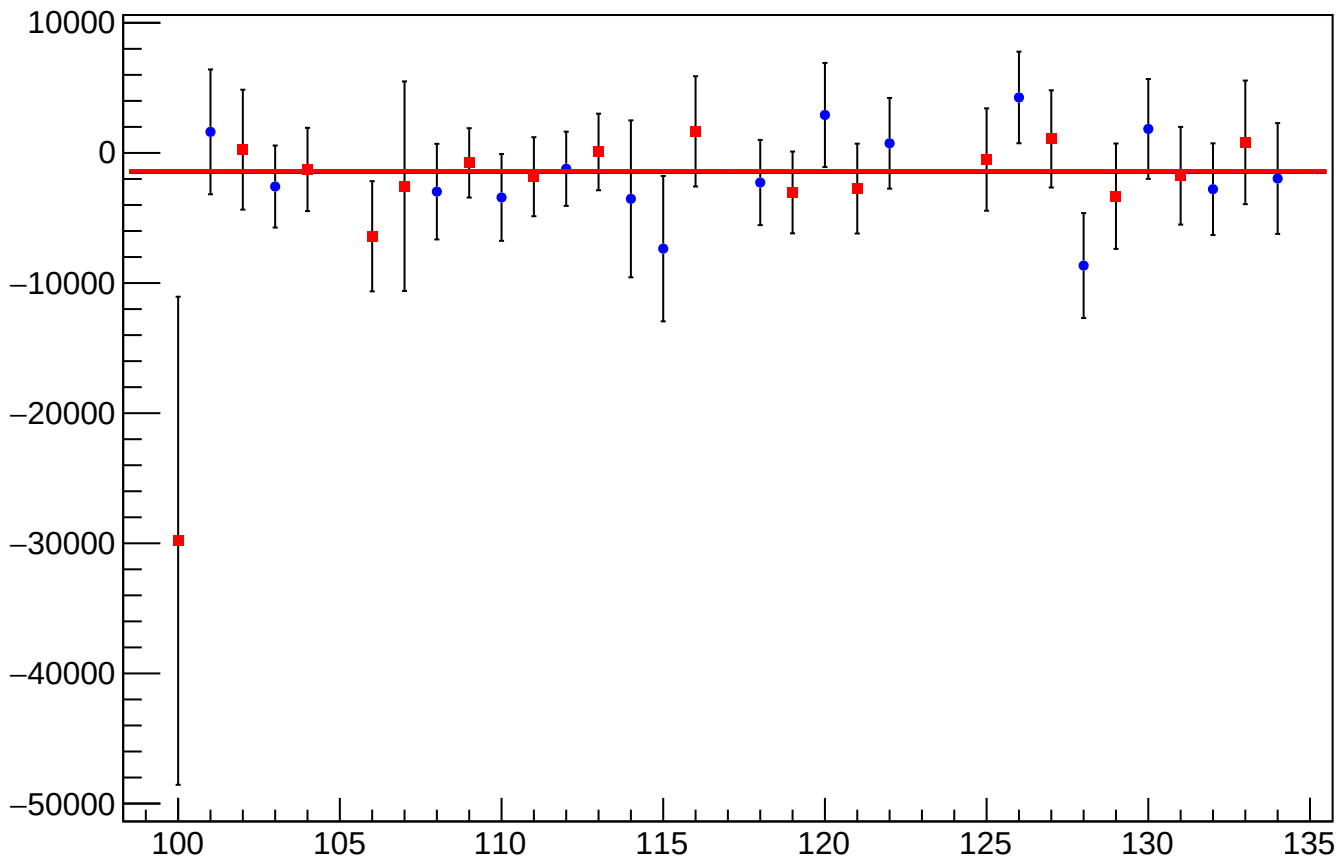
Right: 1114.046+/-0.243 χ^2/NDF : 4577769.9/30

In: 1286.351+/-0.383 χ^2/NDF :1312702.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1114.046+/-0.243 χ^2/NDF : 4577769.9/30

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1454.627 $\pm$ 964.670 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1391.172 $\pm$ 937.905 χ^2 /NDF: 6.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

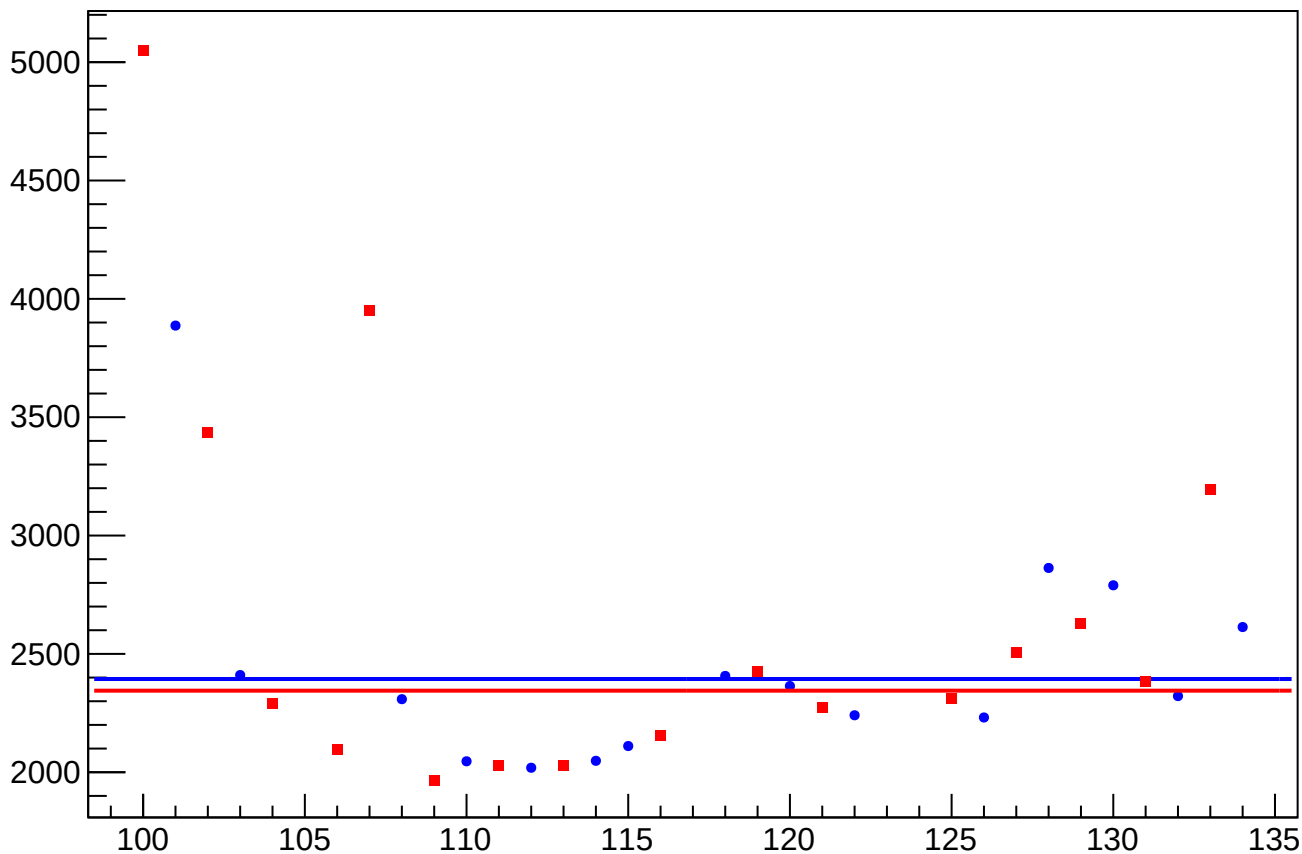
Right: -1422.007 $\pm$ 672.462 χ^2 /NDF: 16.7/30

In: -1454.627 $\pm$ 964.670 χ^2 /NDF:10.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1422.007 $\pm$ 672.462 χ^2 /NDF: 16.7/30

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2393.949+/-0.682 χ^2/NDF : 325704.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.645+/-0.663 χ^2/NDF : 409752.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

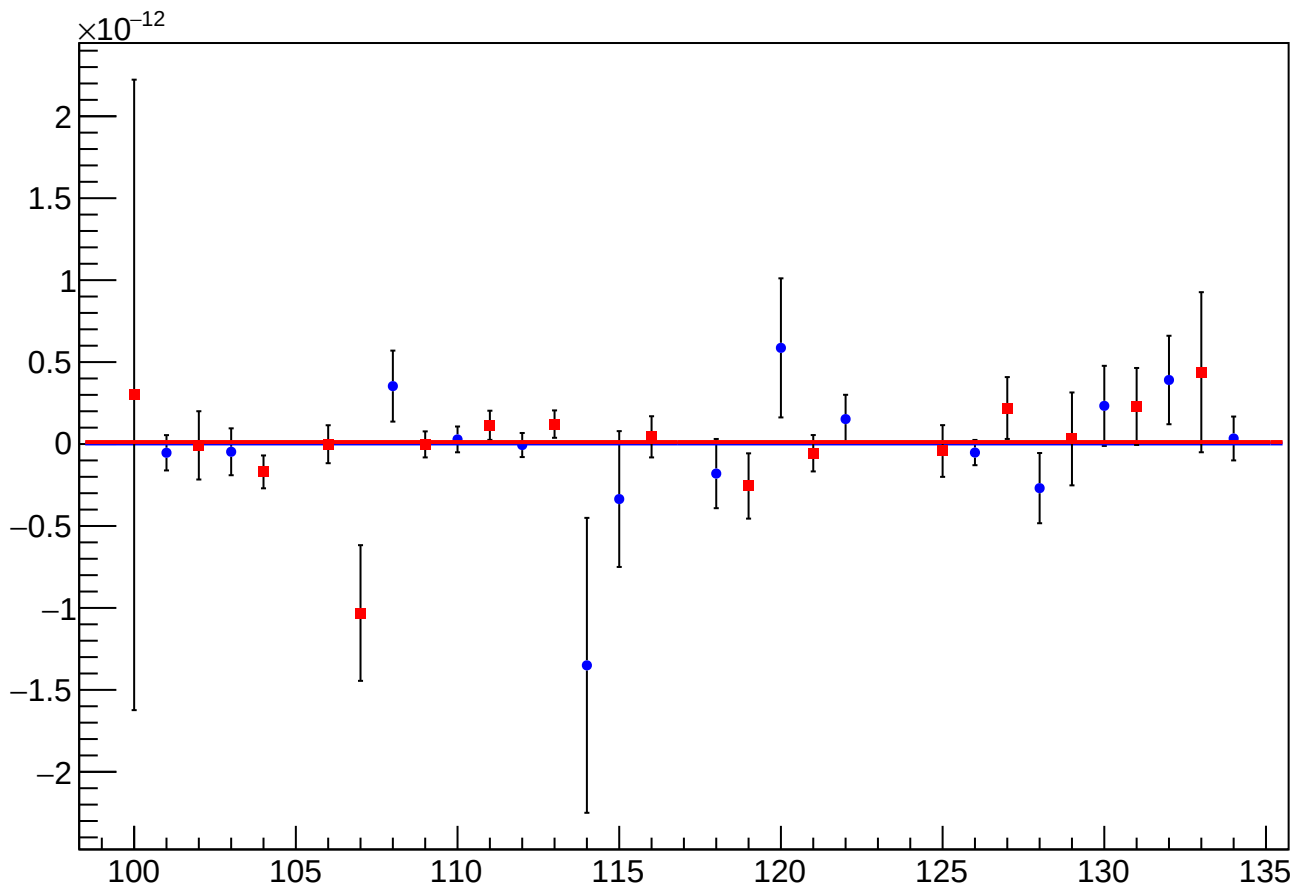
Right: 2368.603+/-0.475 χ^2/NDF : 738143.4/30

In: 2393.949+/-0.682 χ^2/NDF : 325704.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.603+/-0.475 χ^2/NDF : 738143.4/30

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

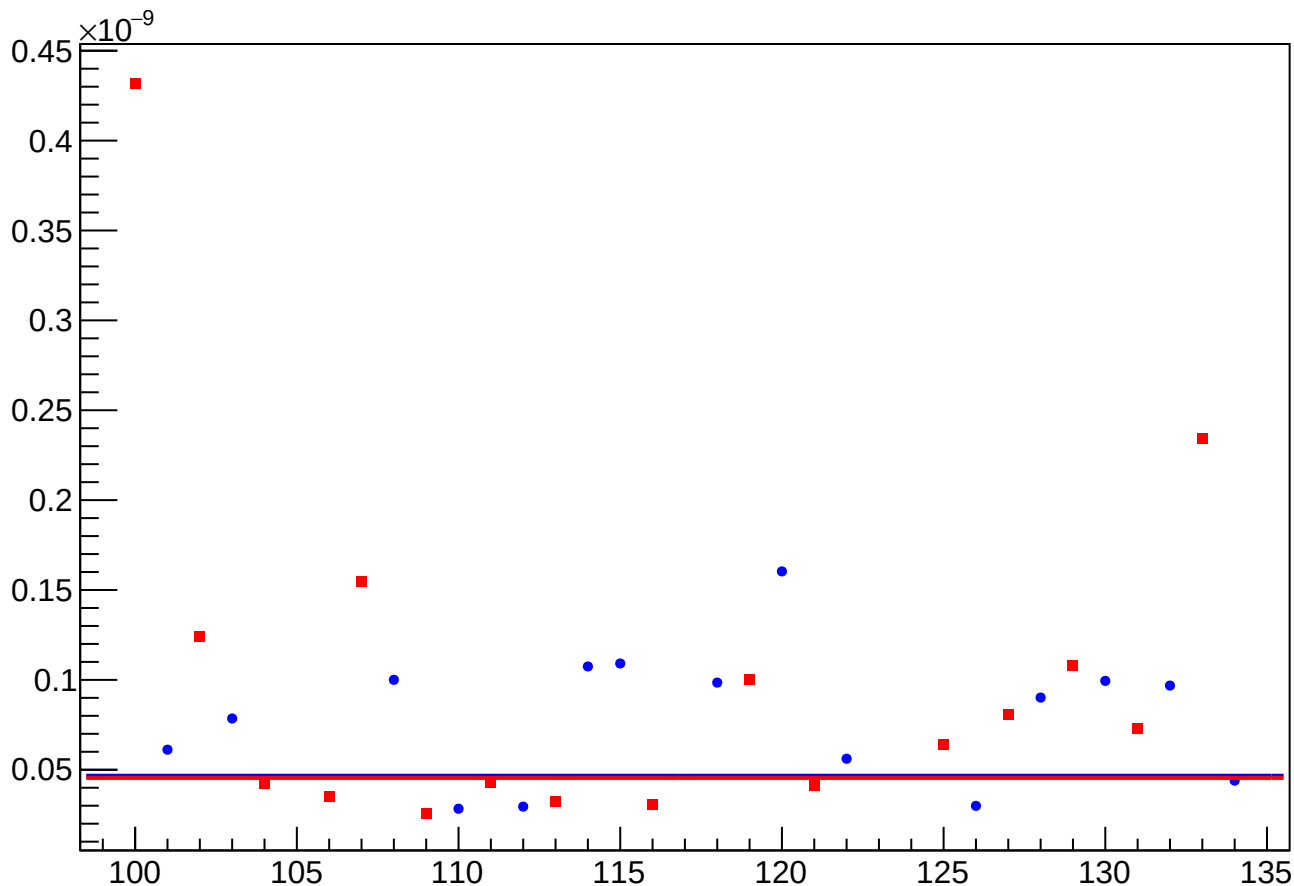
Right: 0.000+/-0.000 χ^2/NDF : 32.9/30

In: 0.000+/-0.000 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.9/30

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1141715.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1402863.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

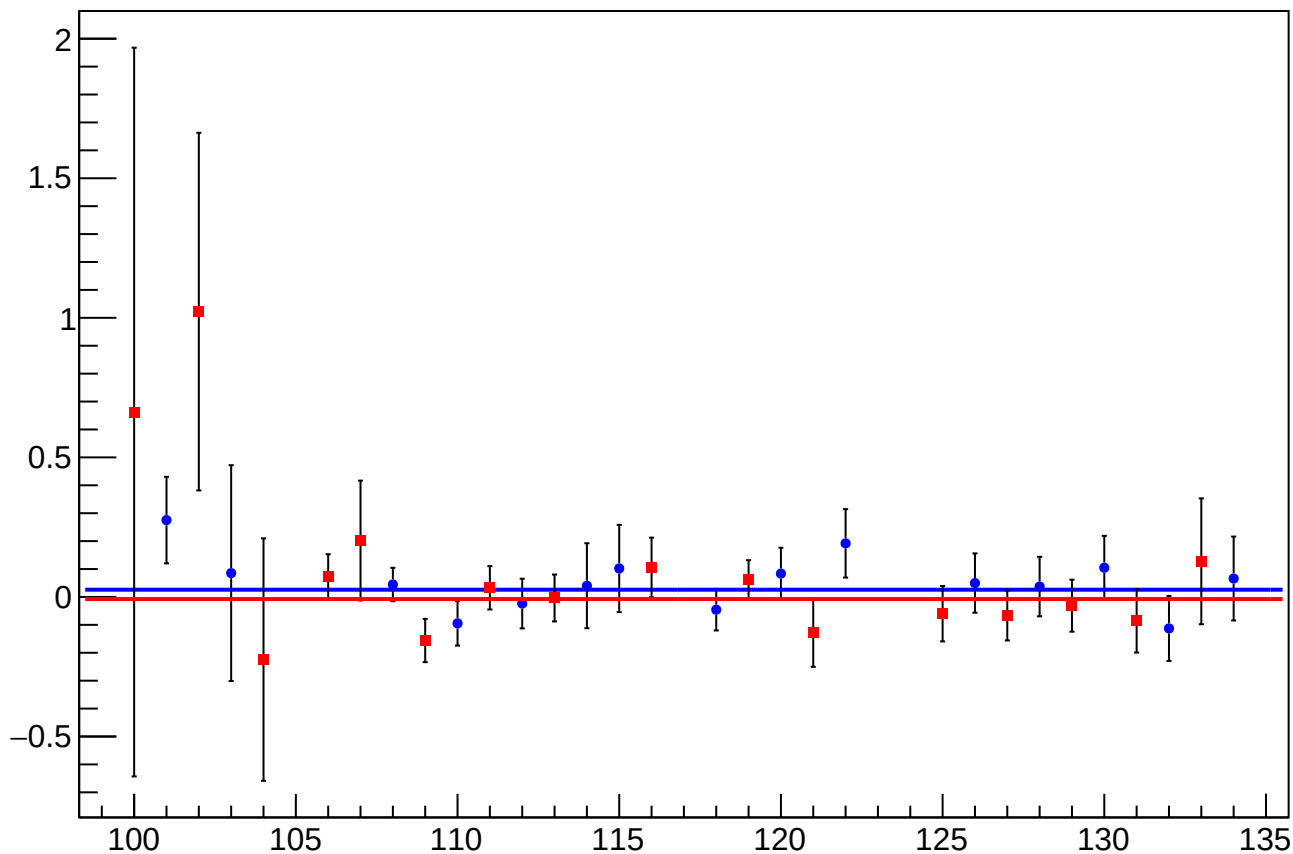
Right: 0.000+/-0.000 χ^2/NDF : 2545905.5/30

In: 0.000+/-0.000 χ^2/NDF : 1141715.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2545905.5/30

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.026 χ^2/NDF : 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: -0.008 $\pm$ 0.026 χ^2/NDF : 13.8/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

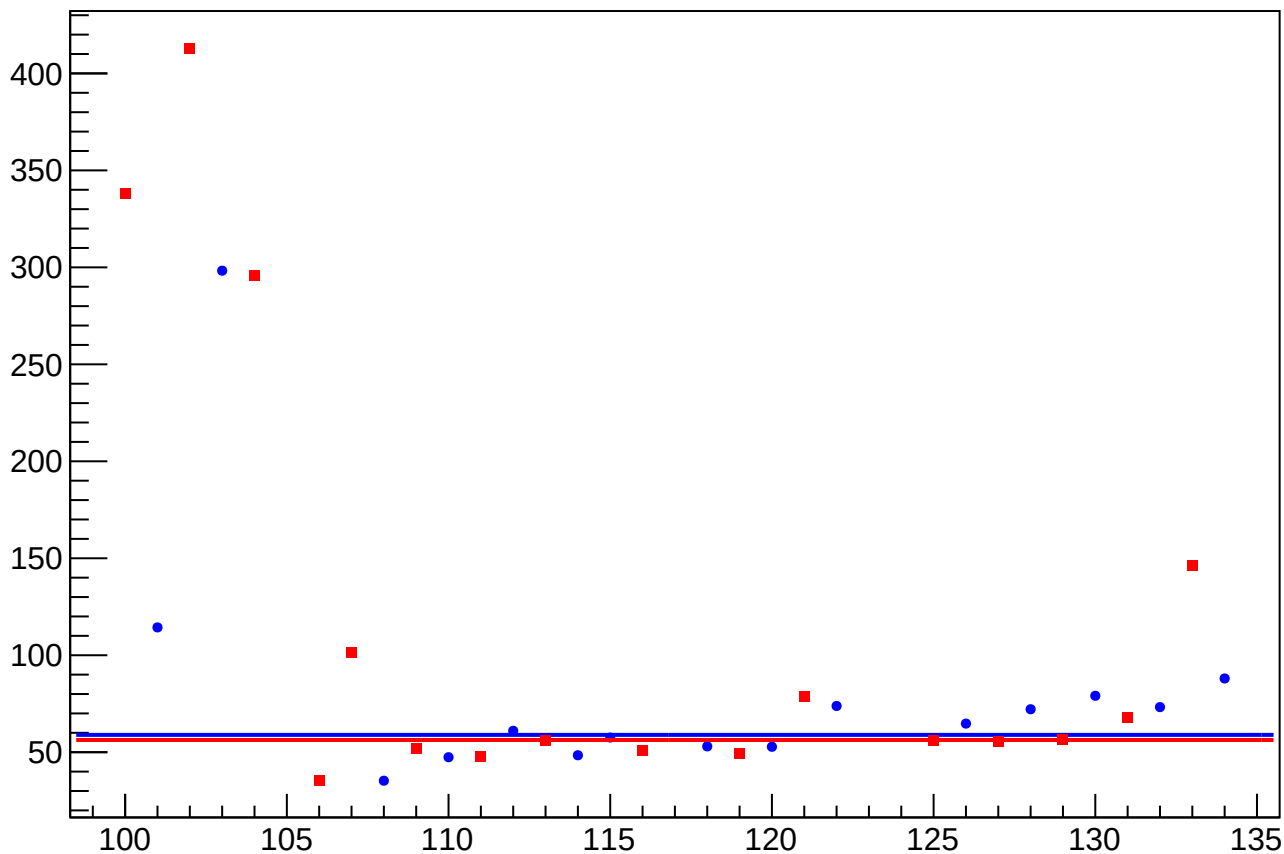
Right: 0.009 $\pm$ 0.019 χ^2/NDF : 25.4/30

In: 0.026 $\pm$ 0.026 χ^2/NDF :10.7/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 0.009 $\pm$ 0.019 χ^2/NDF : 25.4/30

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.944+/-0.019 χ^2/NDF : 1642001.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 56.307+/-0.018 χ^2/NDF : 2013443.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

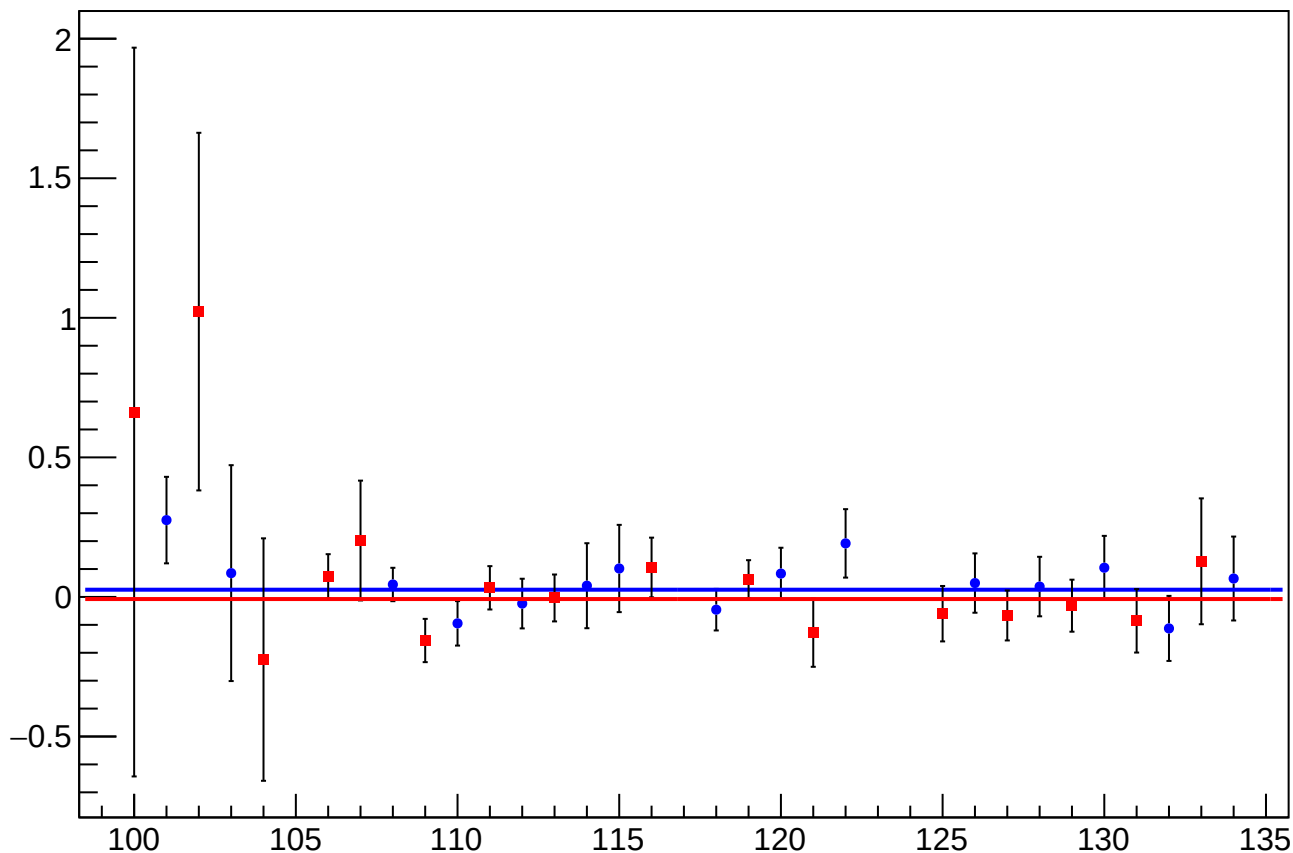
Right: 57.608+/-0.013 χ^2/NDF : 3665530.7/30

In: 58.944+/-0.019 χ^2/NDF :1642001.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.608+/-0.013 χ^2/NDF : 3665530.7/30

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.026 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.026 χ^2 /NDF: 13.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

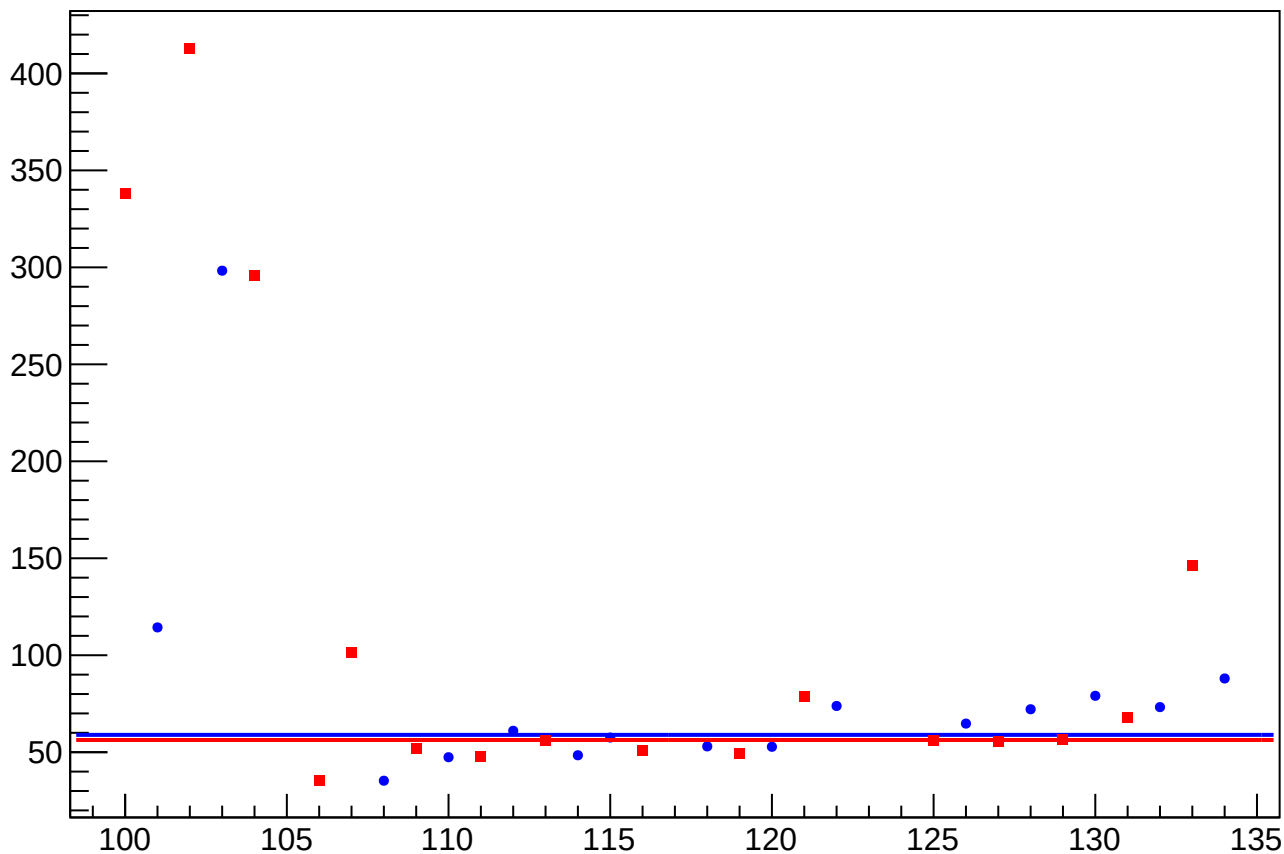
Right: 0.009 $\pm$ 0.019 χ^2 /NDF: 25.4/30

In: 0.026 $\pm$ 0.026 χ^2 /NDF:10.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 25.4/30

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.944+/-0.019 χ^2/NDF : 1642001.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.307+/-0.018 χ^2/NDF : 2013443.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

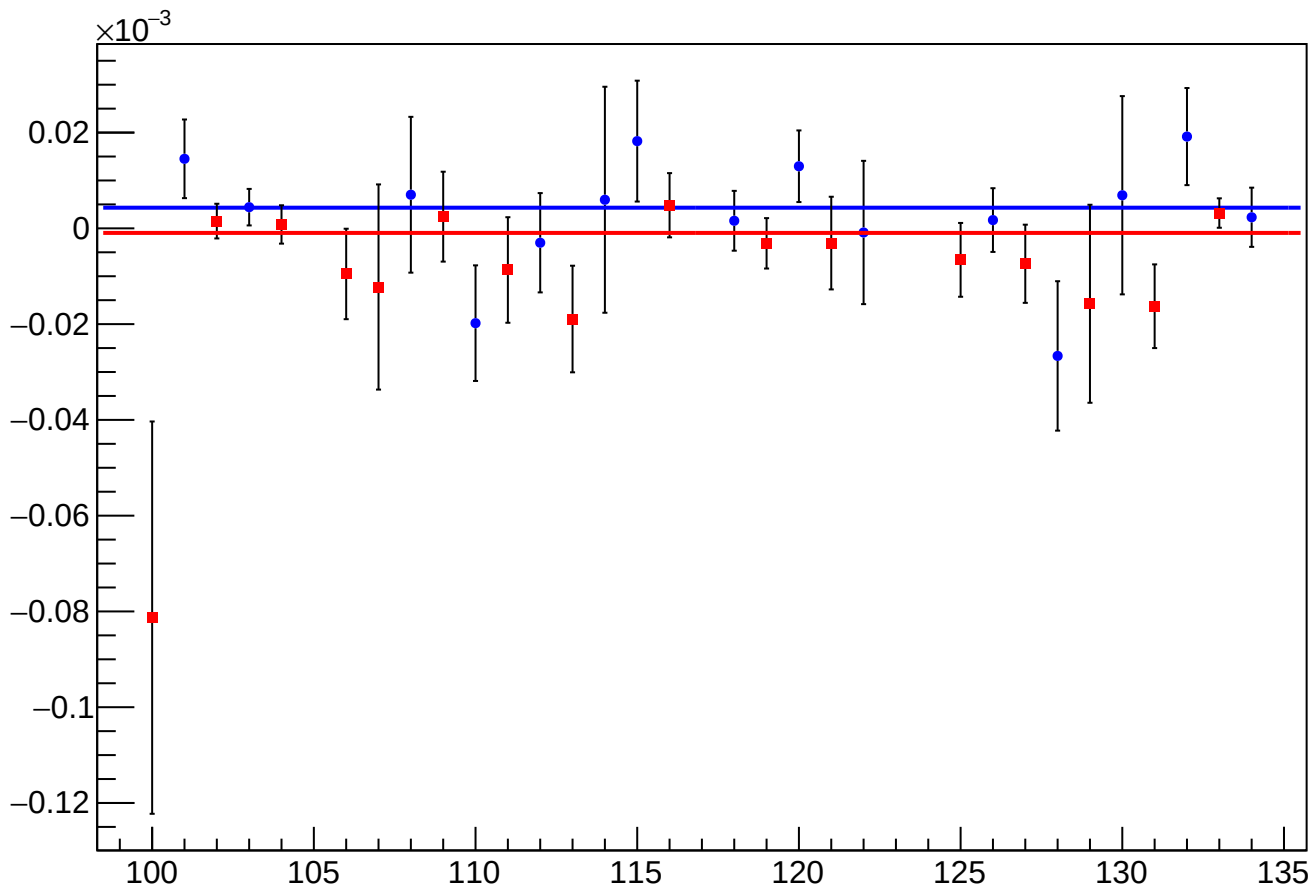
Right: 57.608+/-0.013 χ^2/NDF : 3665530.7/30

In: 58.944+/-0.019 χ^2/NDF : 1642001.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.608+/-0.013 χ^2/NDF : 3665530.7/30

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

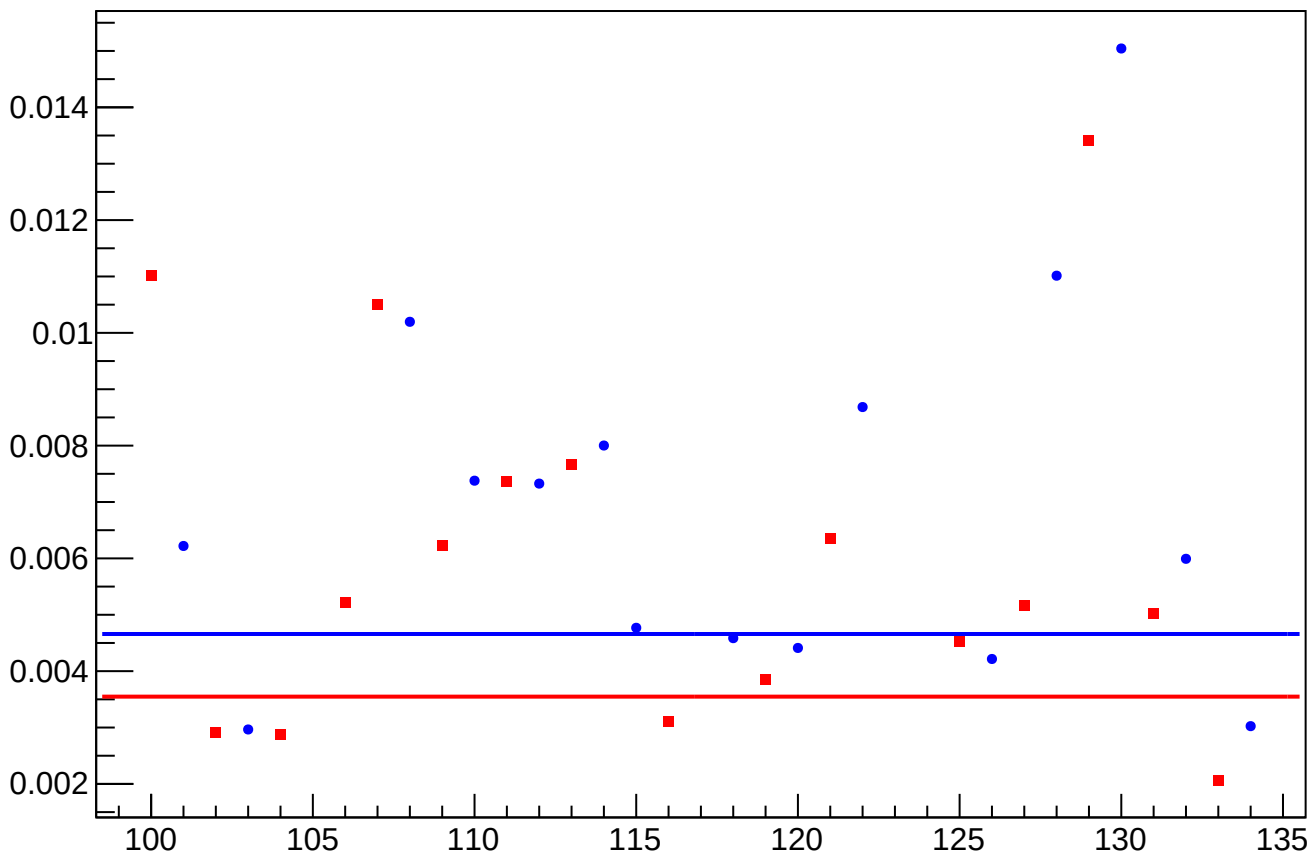
Right: 0.000+/-0.000 χ^2/NDF : 35.6/30

In: 0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.6/30

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 2137904.6/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 2409442.9/15

Left 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 : 4903006.2/30

In: 0.005+/-0.000

χ^2/NDF : 2137904.6/14

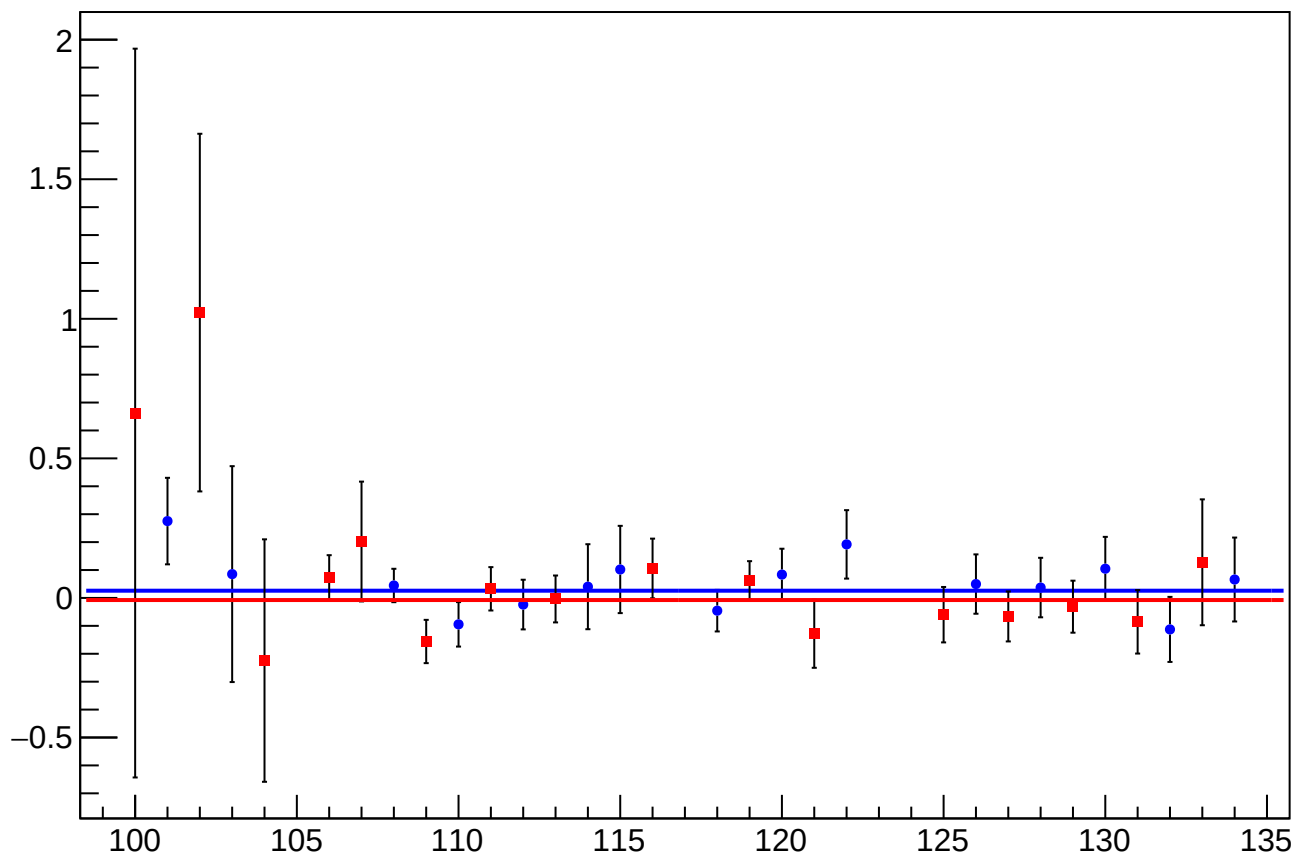
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 4903006.2/30

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.026 χ^2/NDF : 10.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.026 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

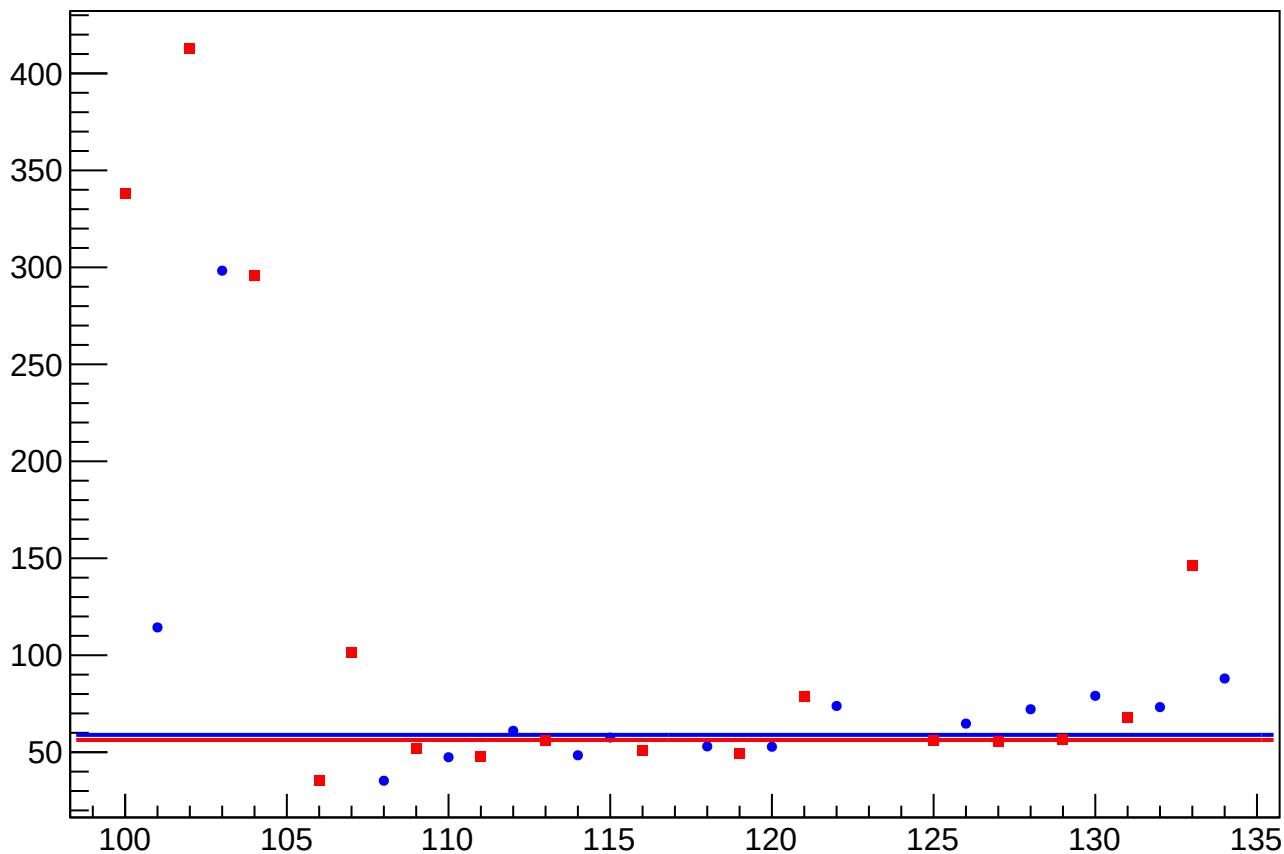
Right: 0.009+/-0.019 χ^2/NDF : 25.4/30

In: 0.026+/-0.026 χ^2/NDF : 10.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.019 χ^2/NDF : 25.4/30

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.945 $\pm$ 0.019 χ^2 /NDF: 1641818.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.307 $\pm$ 0.018 χ^2 /NDF: 2013421.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

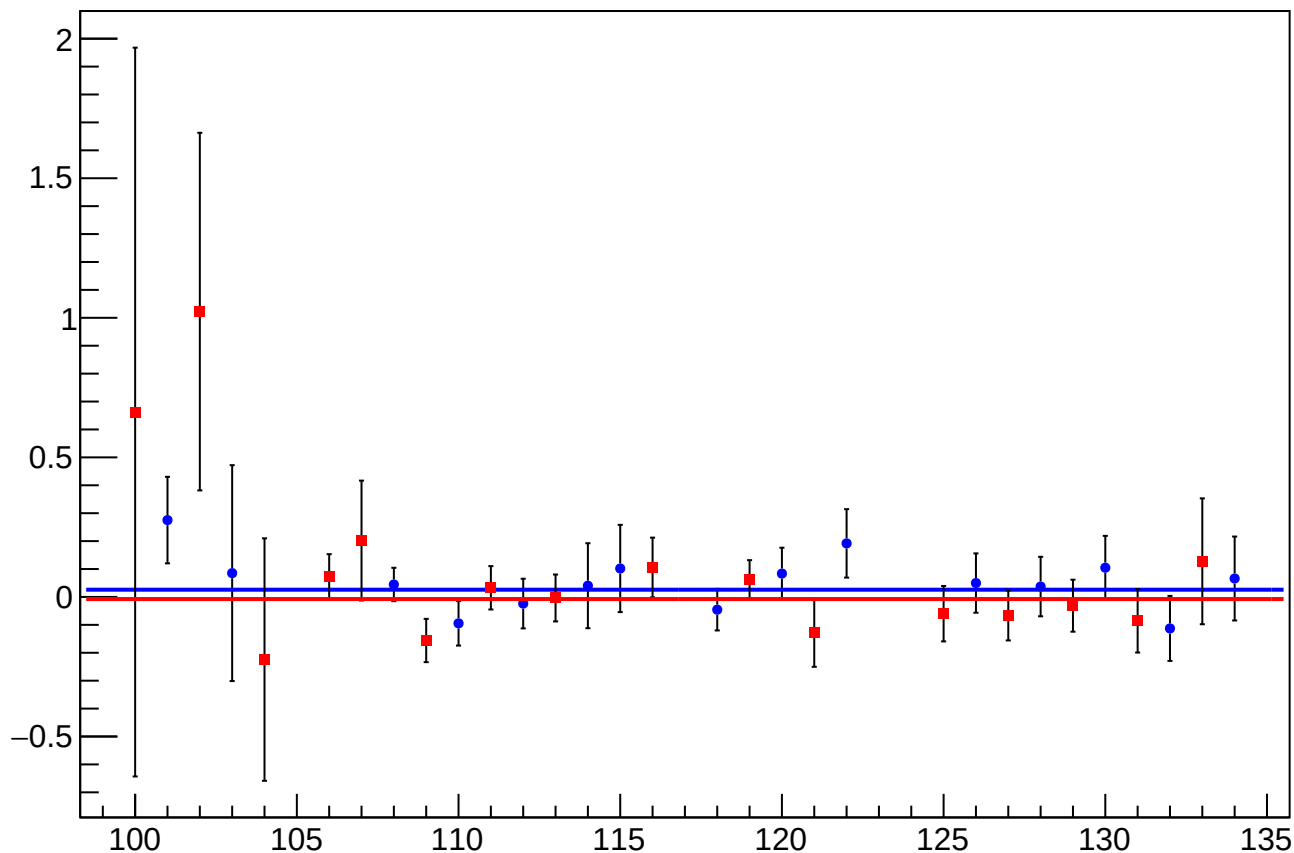
Right: 57.608 $\pm$ 0.013 χ^2 /NDF: 3665335.8/30

In: 58.945 $\pm$ 0.019 χ^2 /NDF:1641818.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.608 $\pm$ 0.013 χ^2 /NDF: 3665335.8/30

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.026 χ^2/NDF : 10.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.008+/-0.026 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

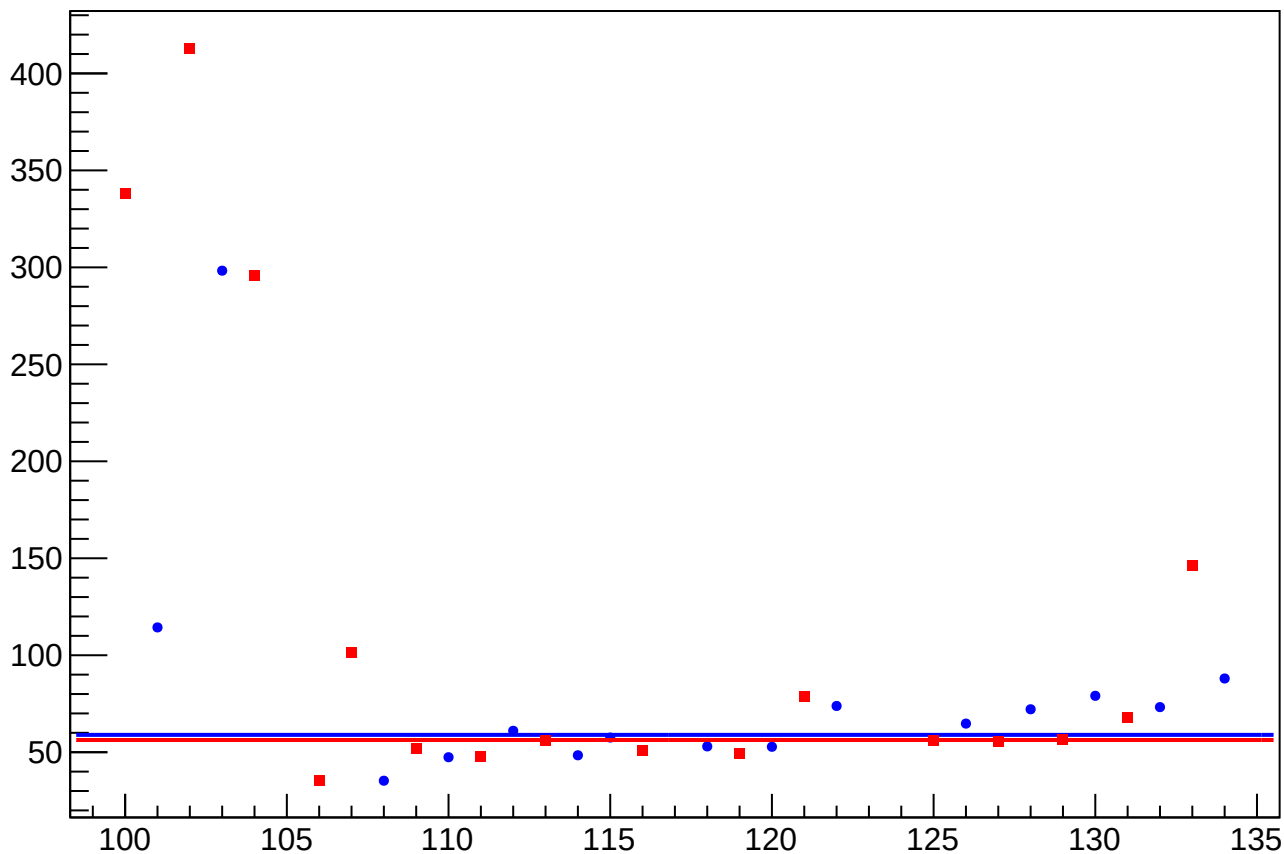
Right: 0.009+/-0.019 χ^2/NDF : 25.4/30

In: 0.026+/-0.026 χ^2/NDF :10.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.019 χ^2/NDF : 25.4/30

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.945 $\pm$ 0.019 χ^2 /NDF: 1641818.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.307 $\pm$ 0.018 χ^2 /NDF: 2013421.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

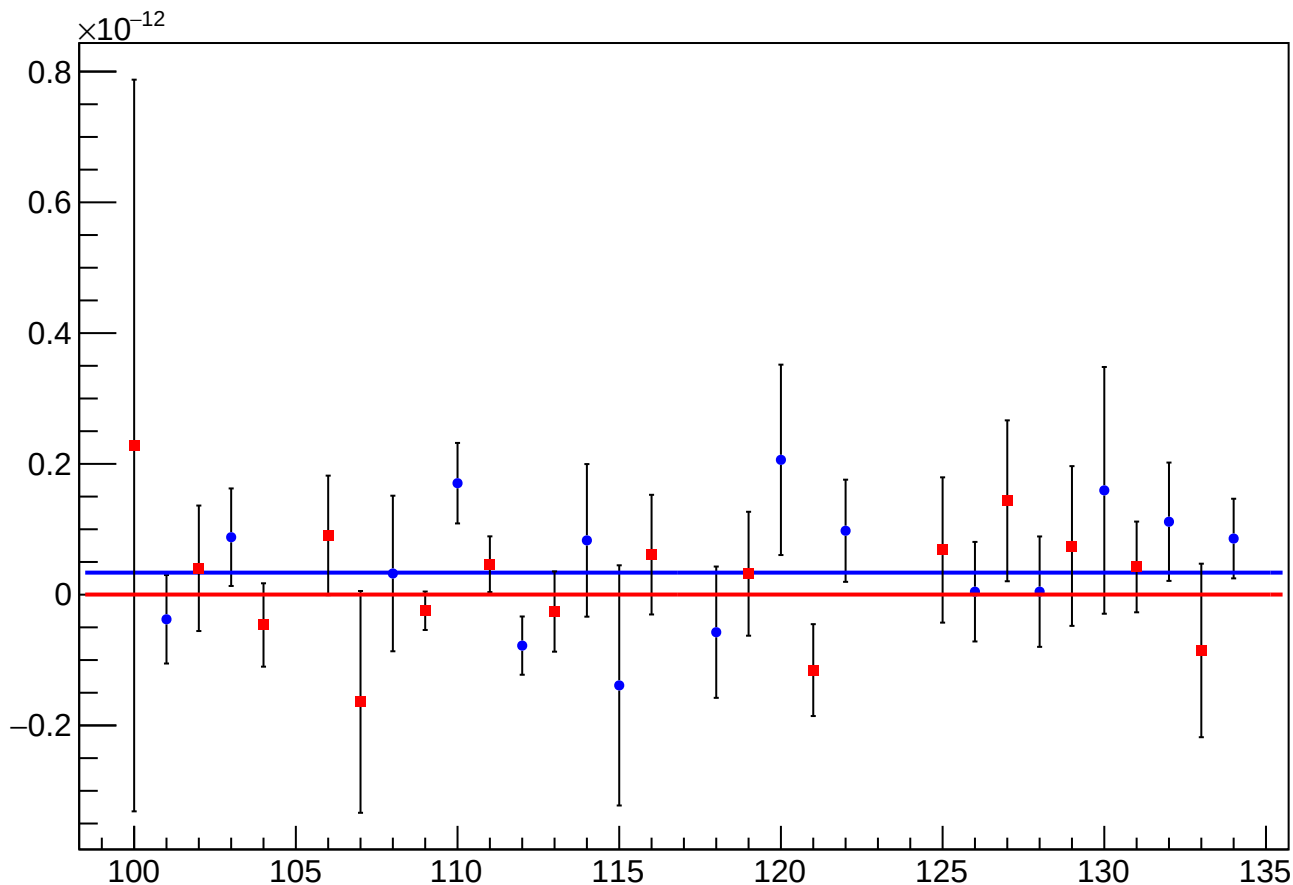
Right: 57.608 $\pm$ 0.013 χ^2 /NDF: 3665335.8/30

In: 58.945 $\pm$ 0.019 χ^2 /NDF:1641818.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.608 $\pm$ 0.013 χ^2 /NDF: 3665335.8/30

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 : 19.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

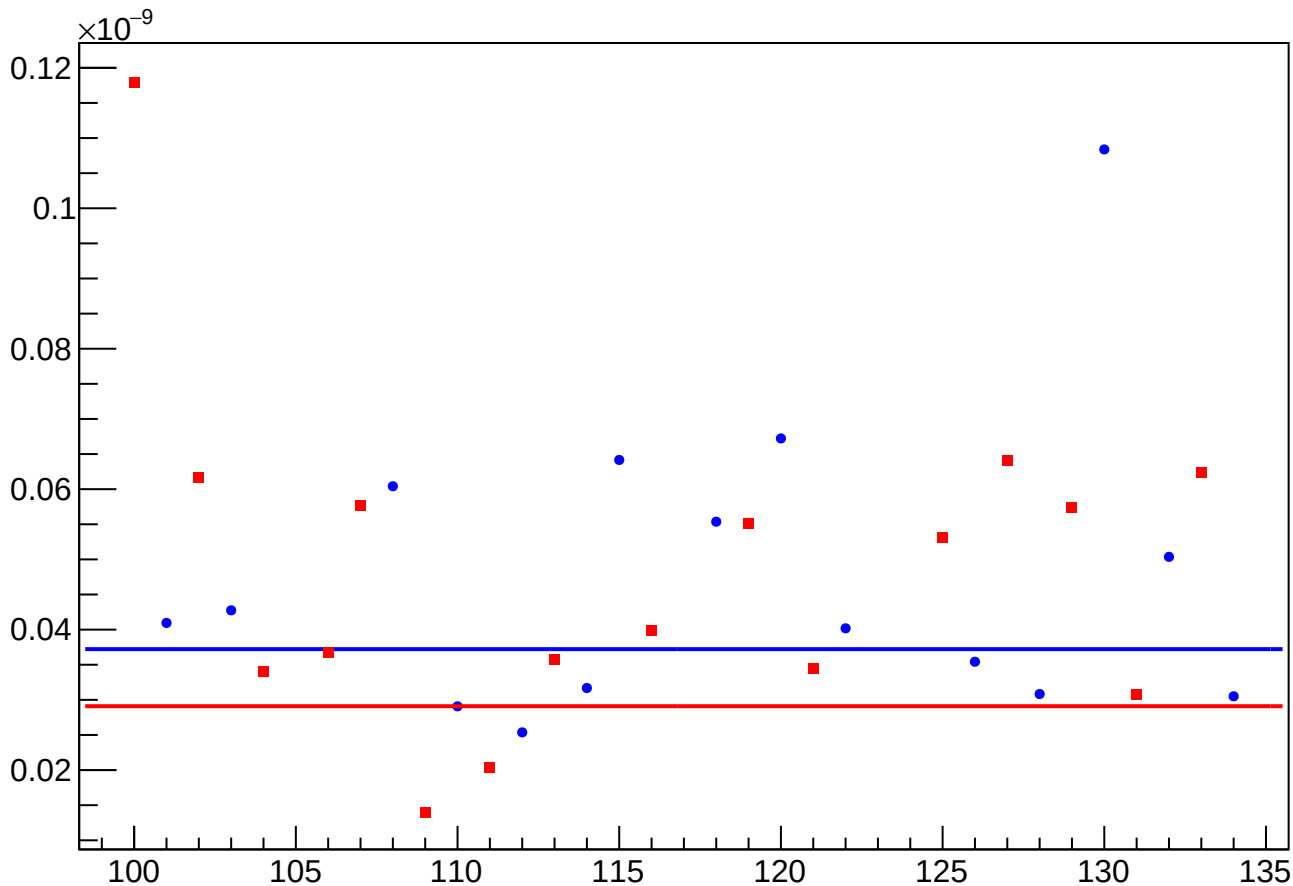
Right: 0.000+/-0.000 χ^2/NDF : 31.6/30

In: 0.000+/-0.000 χ^2/NDF : 19.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.6/30

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 : 833985.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1680610.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

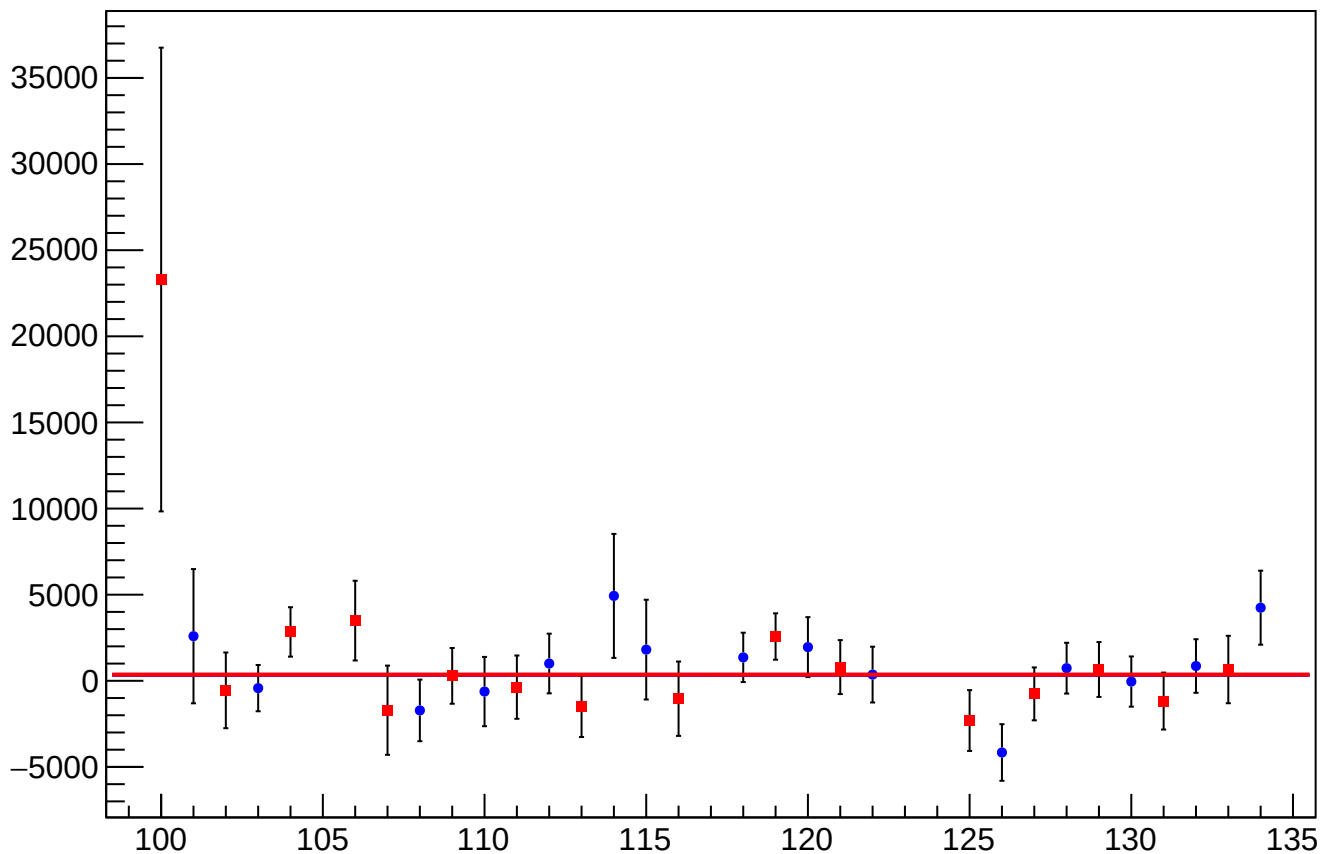
Right: 0.000+/-0.000 χ^2/NDF : 2699672.7/30

In: 0.000+/-0.000 χ^2/NDF :833985.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2699672.7/30

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 345.331+/-454.574 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.947+/-448.501 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

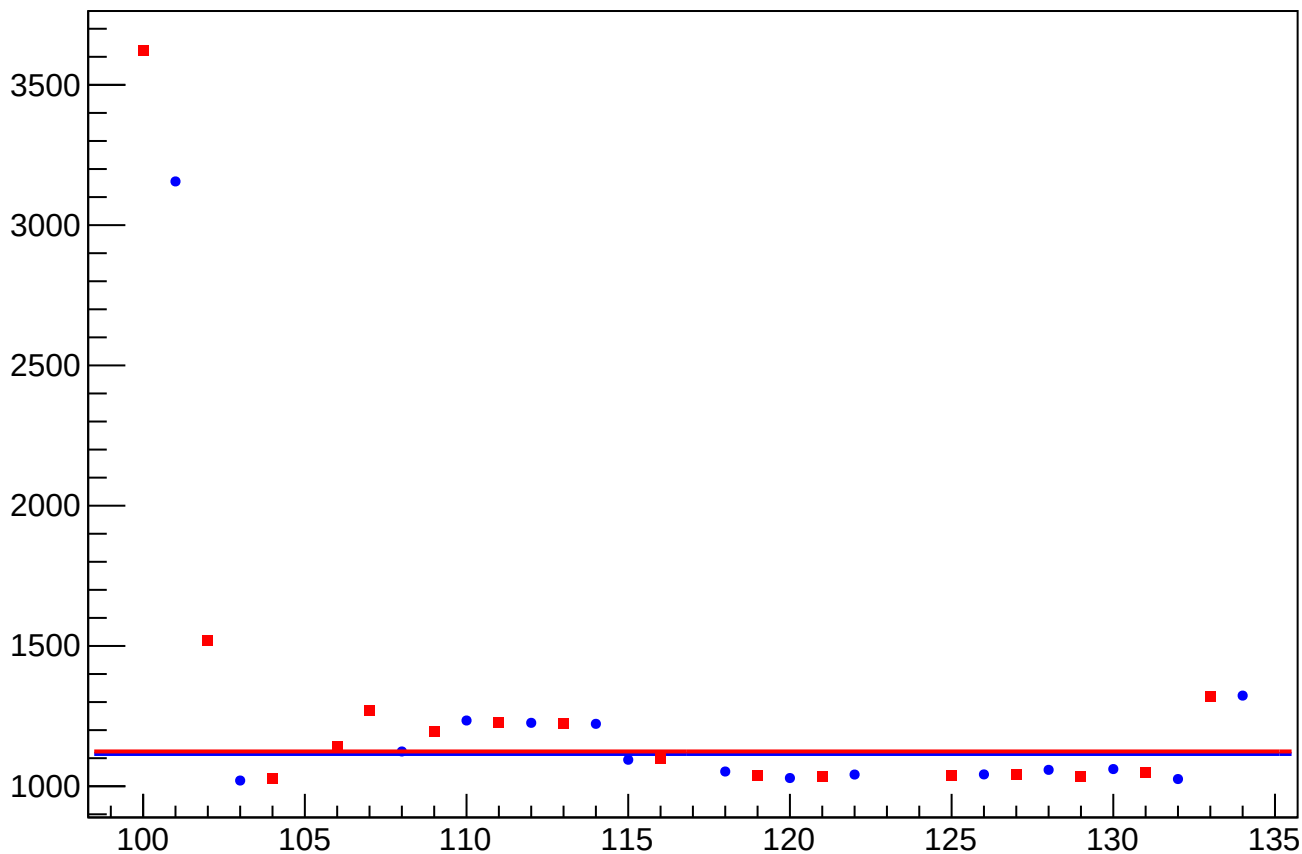
Right: 351.217+/-319.264 χ^2/NDF : 33.4/30

In: 345.331+/-454.574 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.217+/-319.264 χ^2/NDF : 33.4/30

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1115.015+/-0.321 χ^2/NDF : 623303.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.970+/-0.317 χ^2/NDF : 221493.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

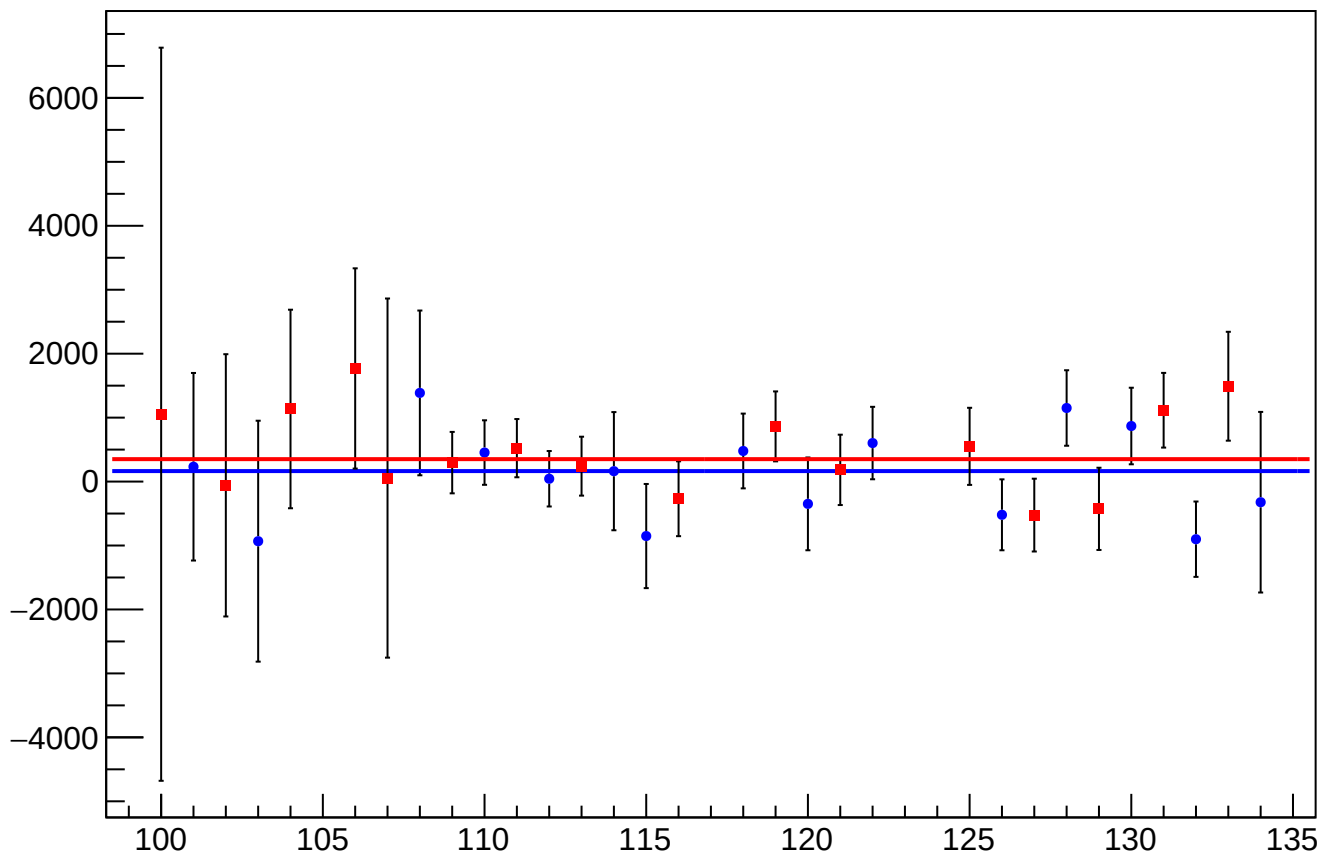
Right: 1119.553+/-0.226 χ^2/NDF : 845190.3/30

In: 1115.015+/-0.321 χ^2/NDF : 623303.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.553+/-0.226 χ^2/NDF : 845190.3/30

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 164.004 $\pm$ 172.748 χ^2 /NDF: 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 350.775 $\pm$ 163.906 χ^2 /NDF: 10.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

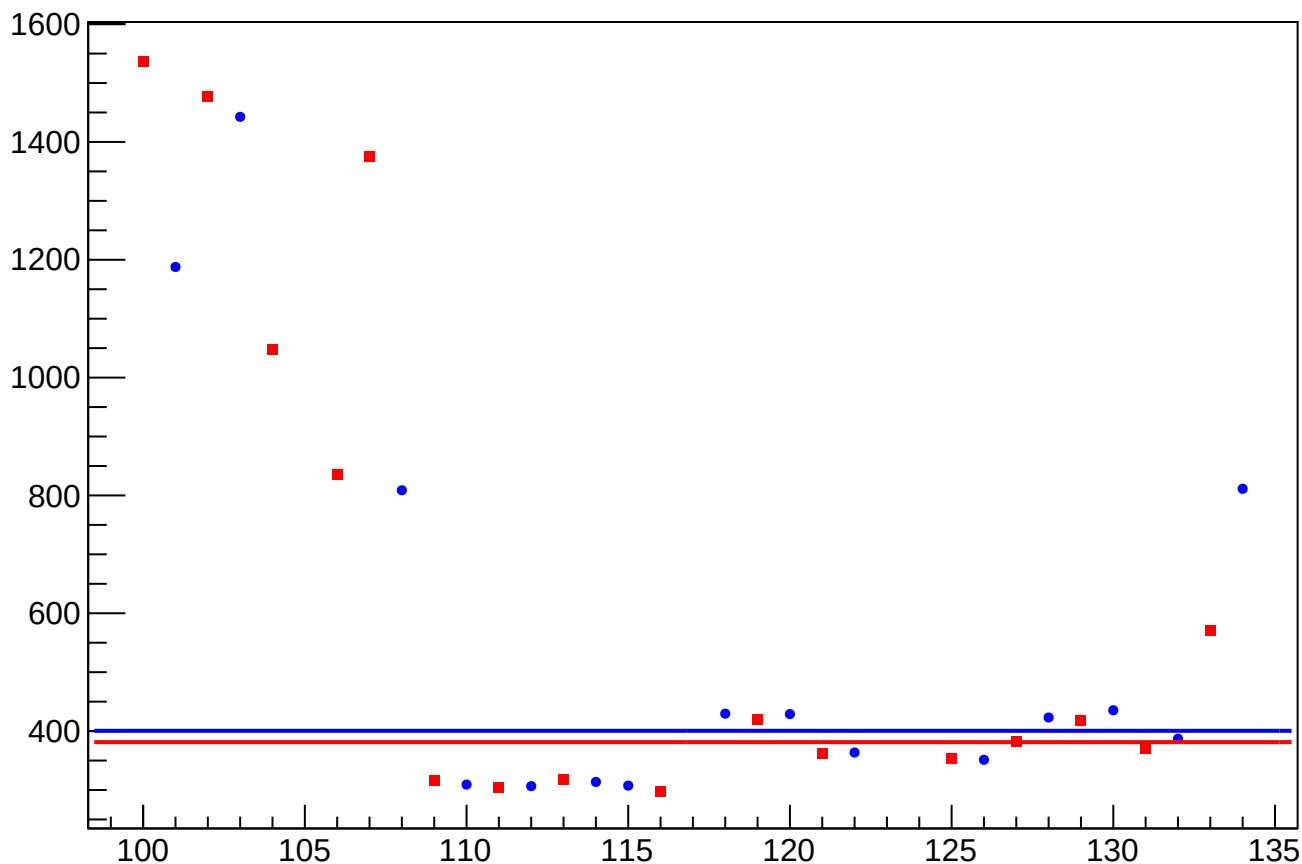
Right: 262.292 $\pm$ 118.902 χ^2 /NDF: 25.2/30

In: 164.004 $\pm$ 172.748 χ^2 /NDF:13.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 262.292 $\pm$ 118.902 χ^2 /NDF: 25.2/30

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 400.468+/-0.122 χ^2/NDF : 1804565.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.266+/-0.116 χ^2/NDF : 1737843.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

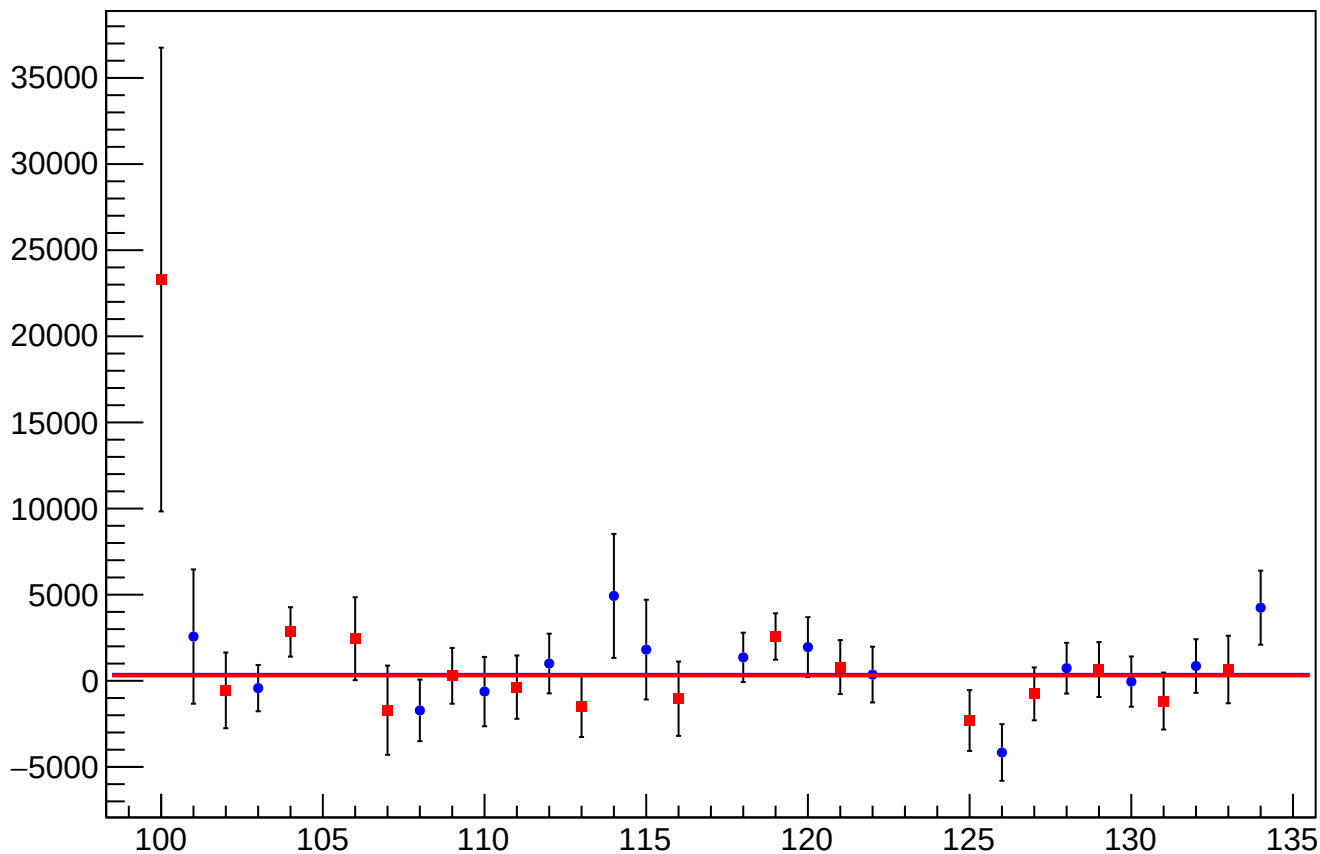
Right: 390.363+/-0.084 χ^2/NDF : 3555412.8/30

In: 400.468+/-0.122 χ^2/NDF : 1804565.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.363+/-0.084 χ^2/NDF : 3555412.8/30

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 344.877+/-454.574 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.295+/-449.153 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

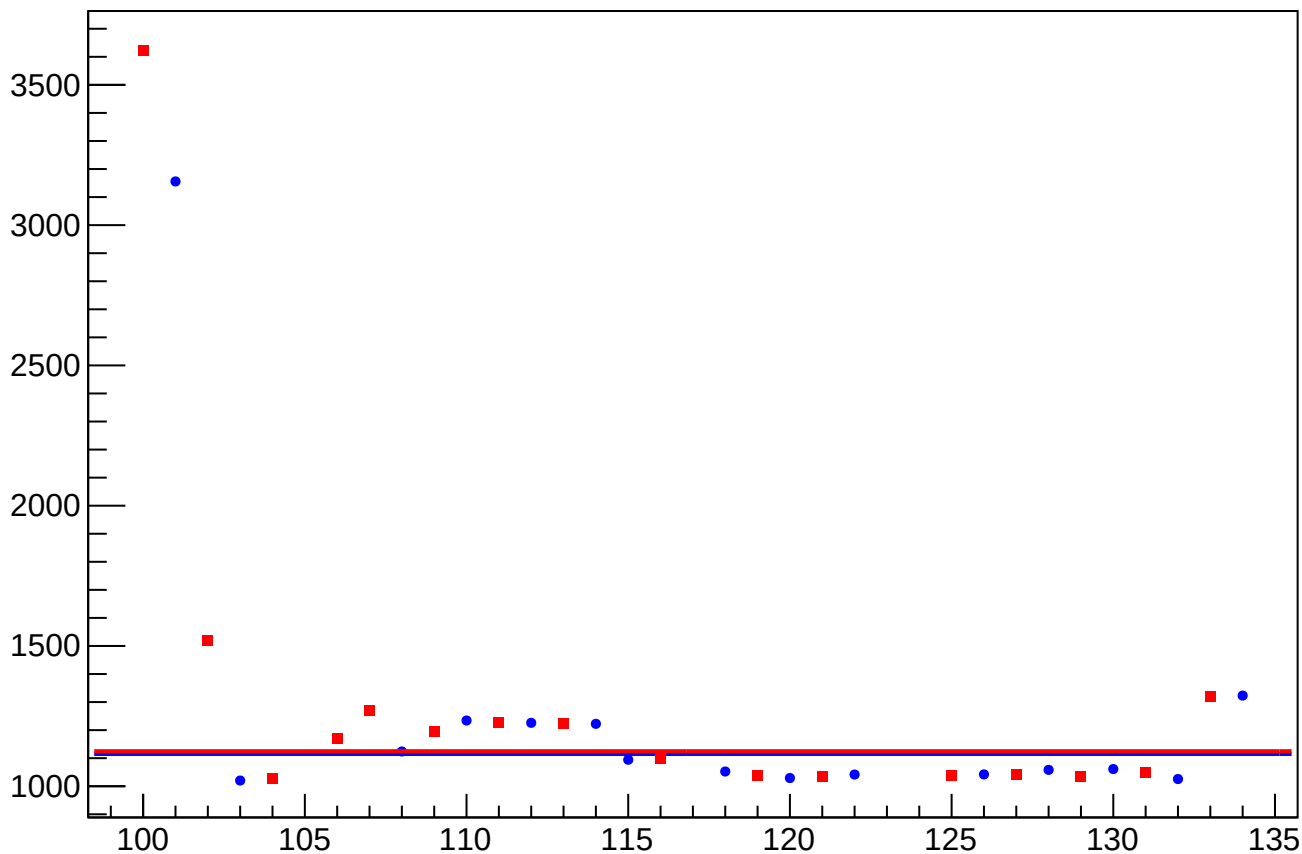
Right: 327.885+/-319.498 χ^2/NDF : 32.3/30

In: 344.877+/-454.574 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.885+/-319.498 χ^2/NDF : 32.3/30

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1115.015+/-0.321 χ^2/NDF : 623304.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1125.013+/-0.318 χ^2/NDF : 222169.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

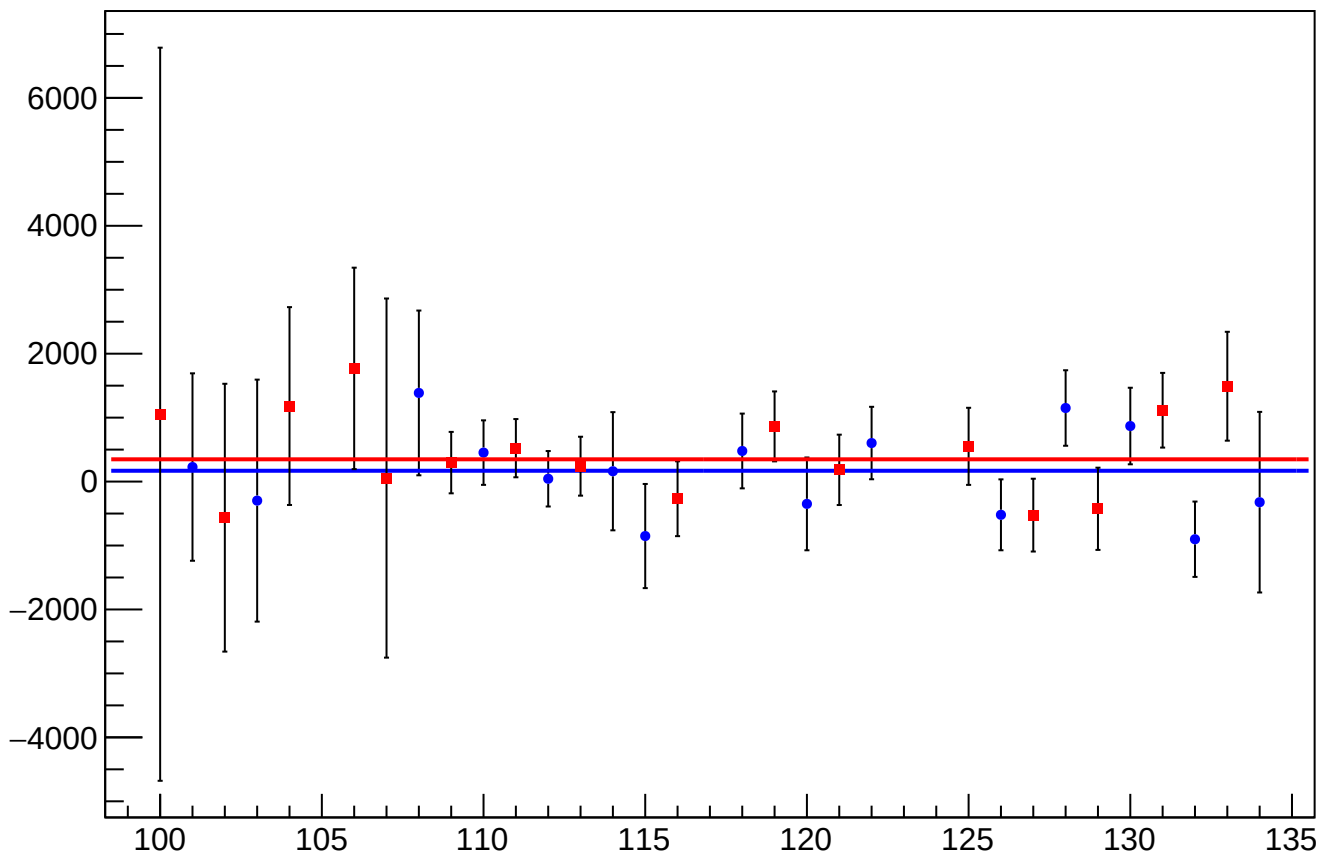
Right: 1120.074+/-0.226 χ^2/NDF : 845963.2/30

In: 1115.015+/-0.321 χ^2/NDF : 623304.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.074+/-0.226 χ^2/NDF : 845963.2/30

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 169.107+/-172.750 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 348.260+/-163.933 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

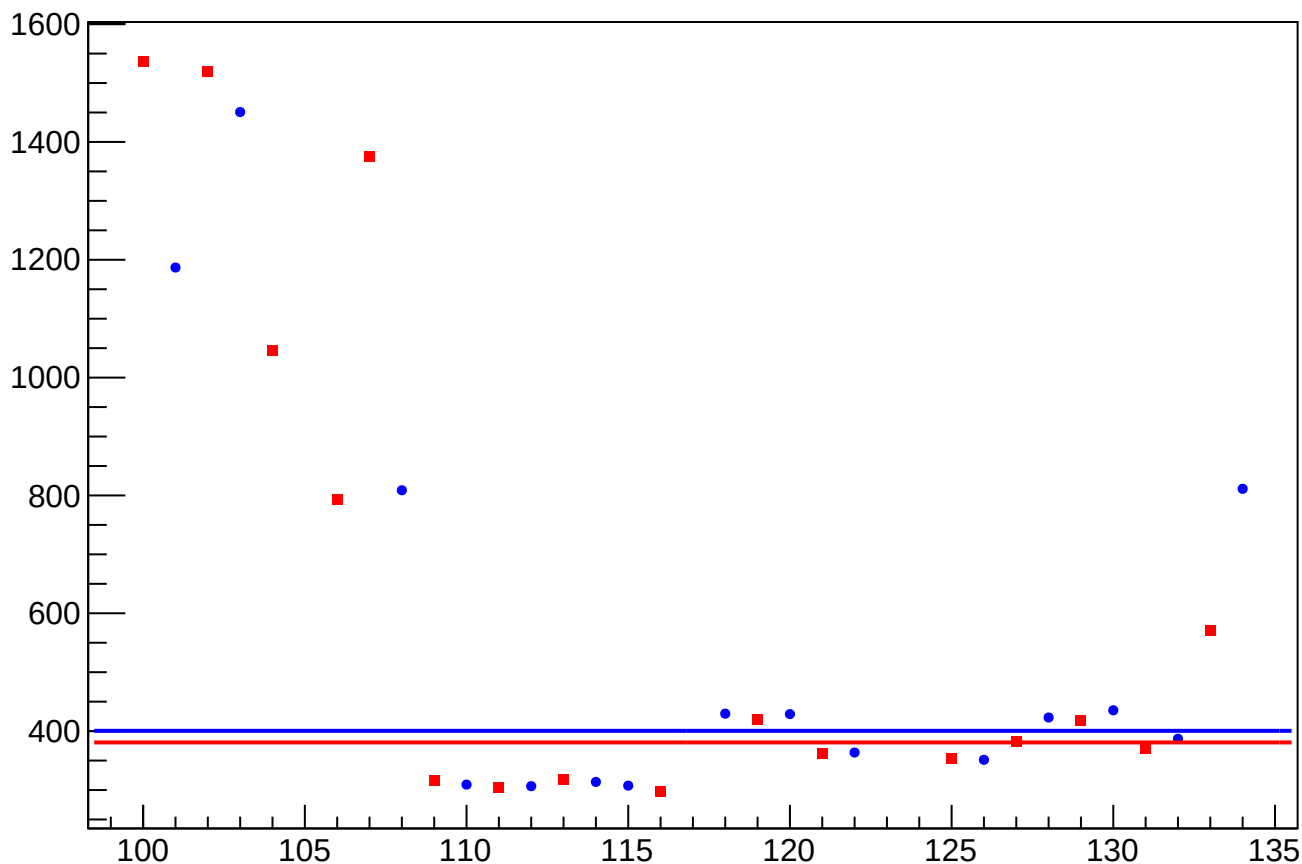
Right: 263.372+/-118.913 χ^2/NDF : 25.0/30

In: 169.107+/-172.750 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.372+/-118.913 χ^2/NDF : 25.0/30

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 400.454+/-0.122 χ^2/NDF : 1808238.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.754+/-0.116 χ^2/NDF : 1725522.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

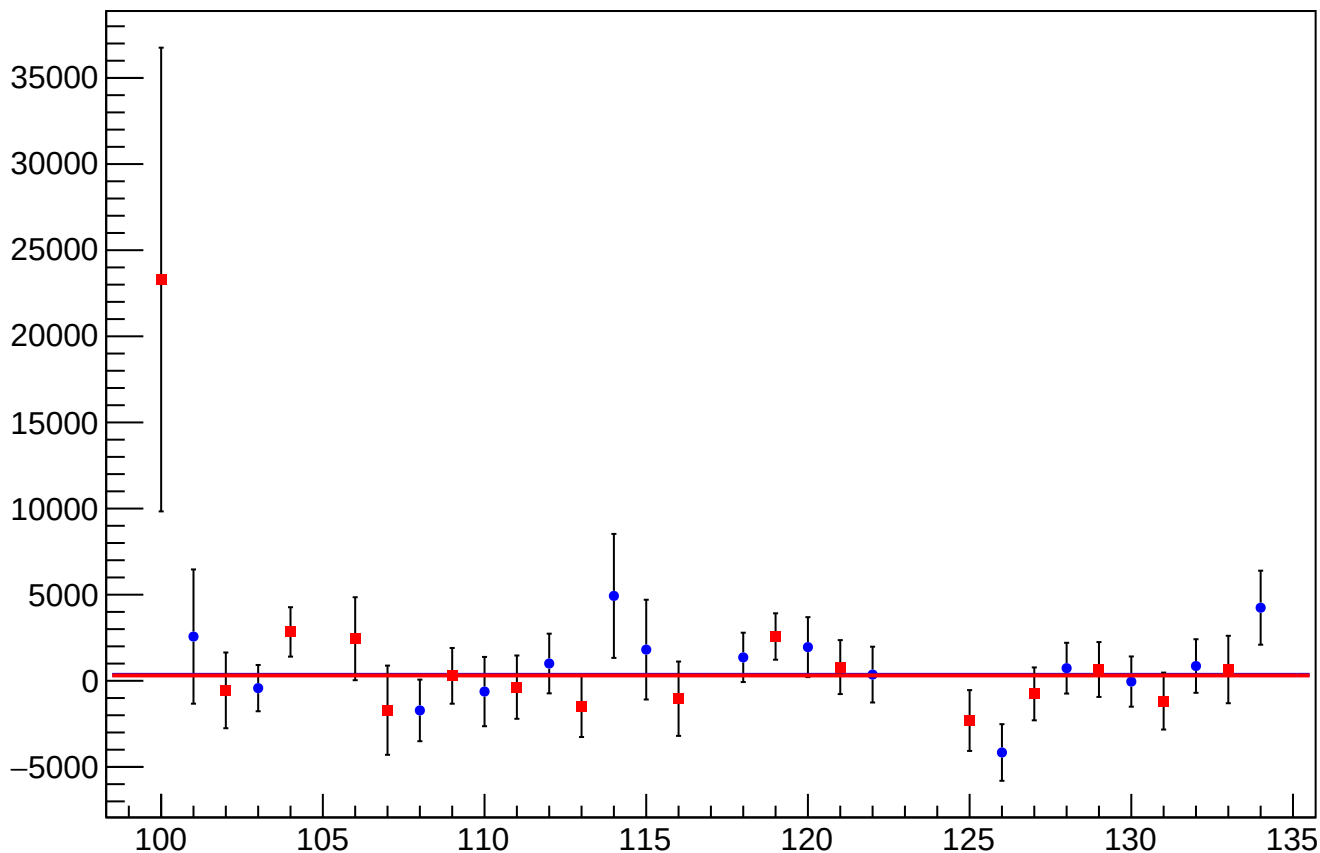
Right: 390.088+/-0.084 χ^2/NDF : 3547446.2/30

In: 400.454+/-0.122 χ^2/NDF : 1808238.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.088+/-0.084 χ^2/NDF : 3547446.2/30

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 344.877+/-454.574 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.295+/-449.153 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

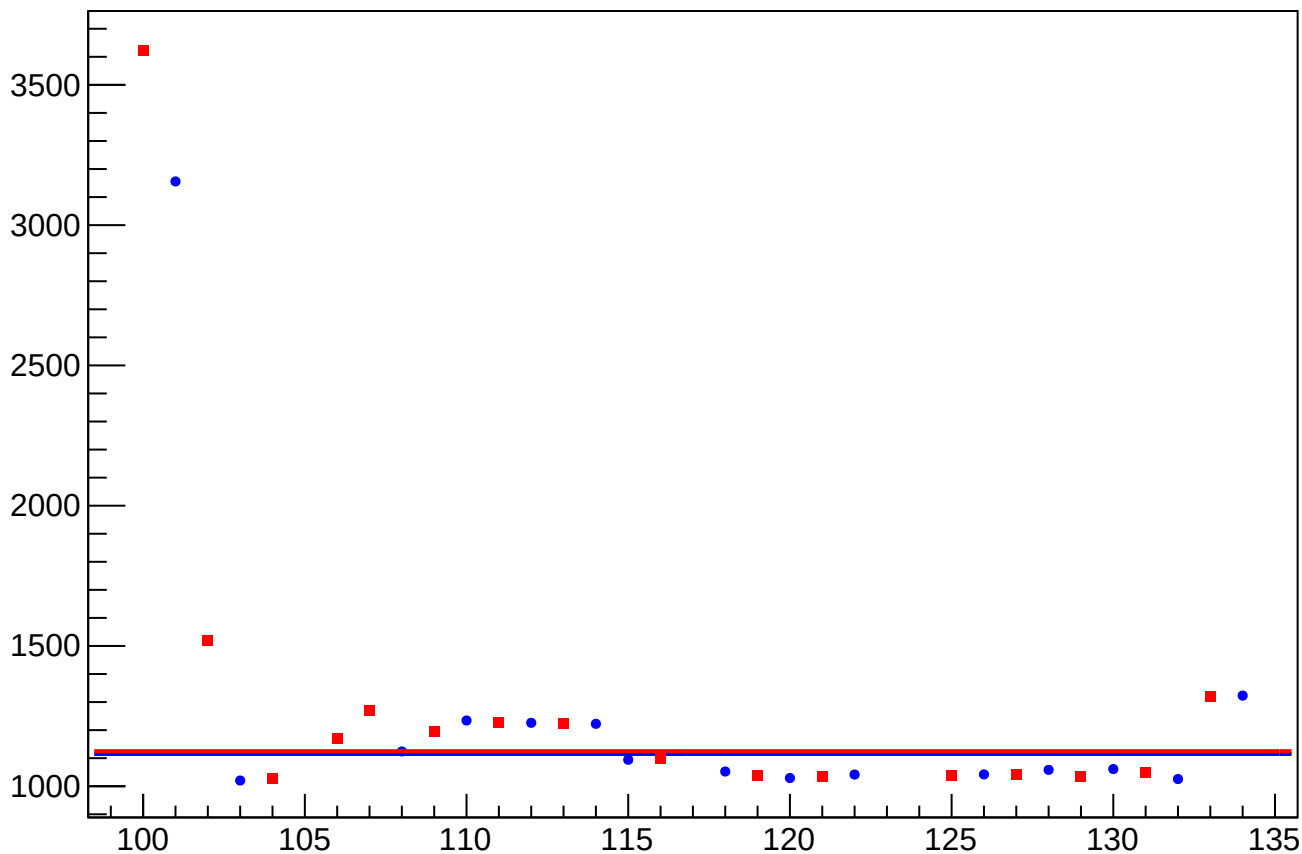
Right: 327.885+/-319.498 χ^2/NDF : 32.3/30

In: 344.877+/-454.574 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.885+/-319.498 χ^2/NDF : 32.3/30

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1115.015+/-0.321 χ^2/NDF : 623304.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1125.013+/-0.318 χ^2/NDF : 222169.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

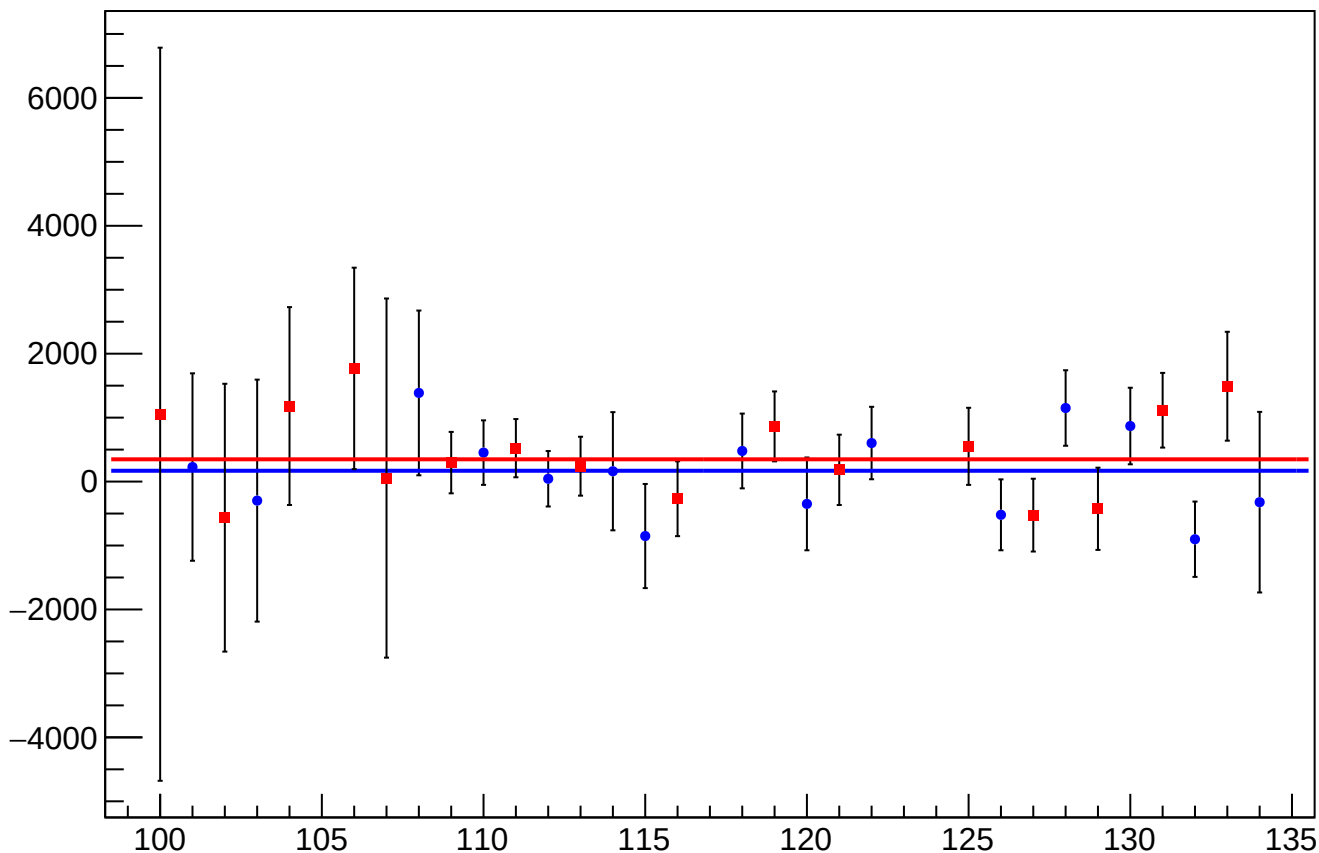
Right: 1120.074+/-0.226 χ^2/NDF : 845963.2/30

In: 1115.015+/-0.321 χ^2/NDF : 623304.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.074+/-0.226 χ^2/NDF : 845963.2/30

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 169.107+/-172.750 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 348.260+/-163.933 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

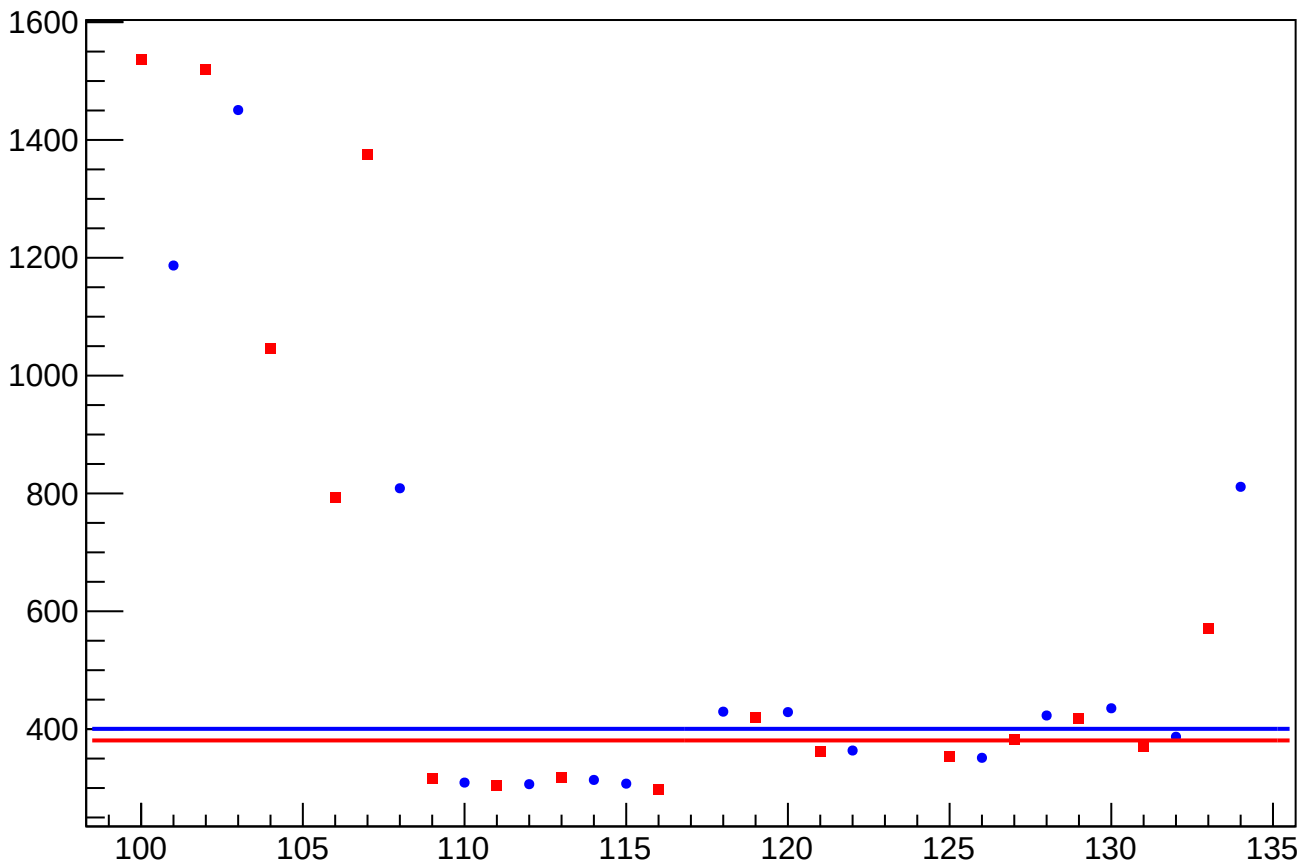
Right: 263.372+/-118.913 χ^2/NDF : 25.0/30

In: 169.107+/-172.750 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.372+/-118.913 χ^2/NDF : 25.0/30

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 400.454+/-0.122 χ^2/NDF : 1808238.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.754+/-0.116 χ^2/NDF : 1725522.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

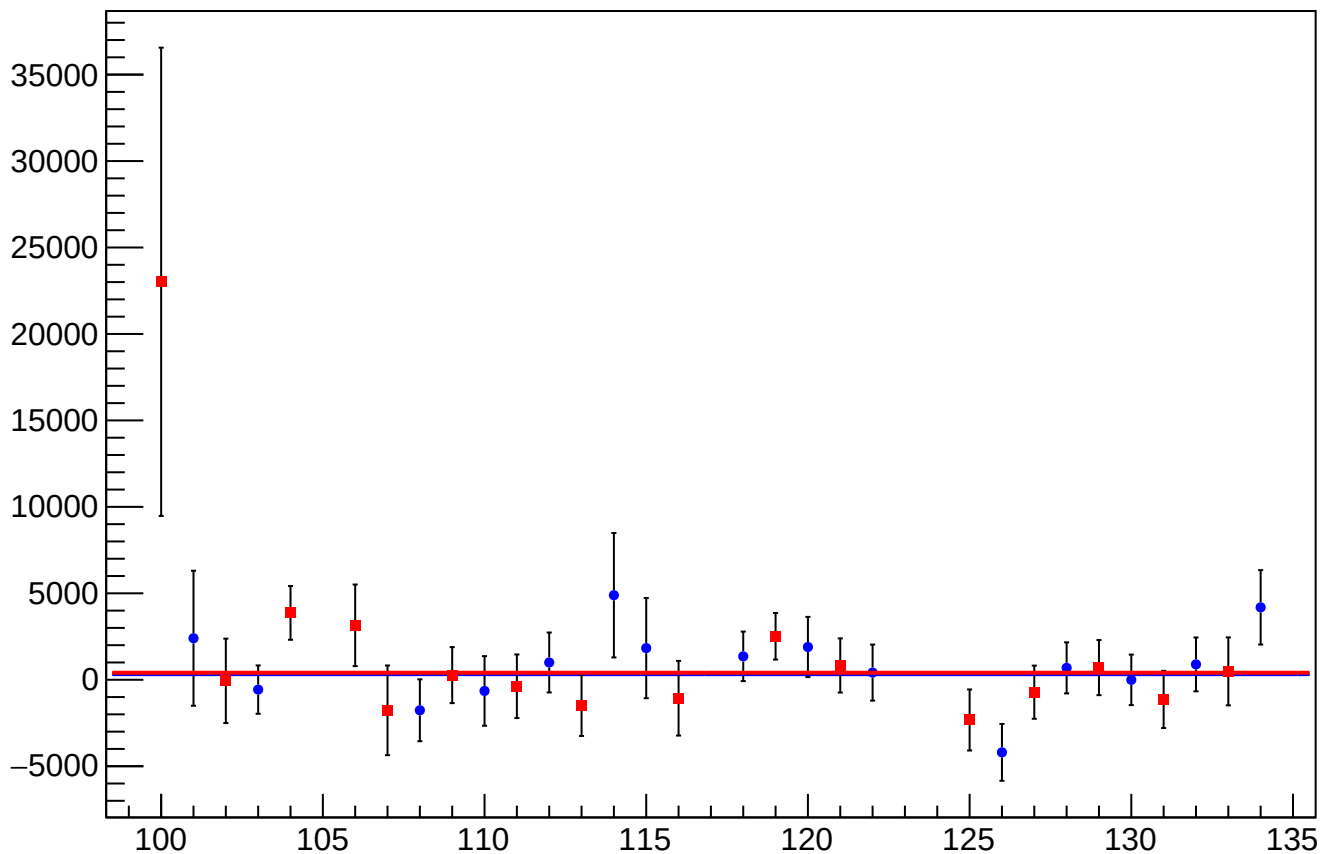
Right: 390.088+/-0.084 χ^2/NDF : 3547446.2/30

In: 400.454+/-0.122 χ^2/NDF : 1808238.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.088+/-0.084 χ^2/NDF : 3547446.2/30

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 325.961+/-456.897 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.888+/-454.300 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

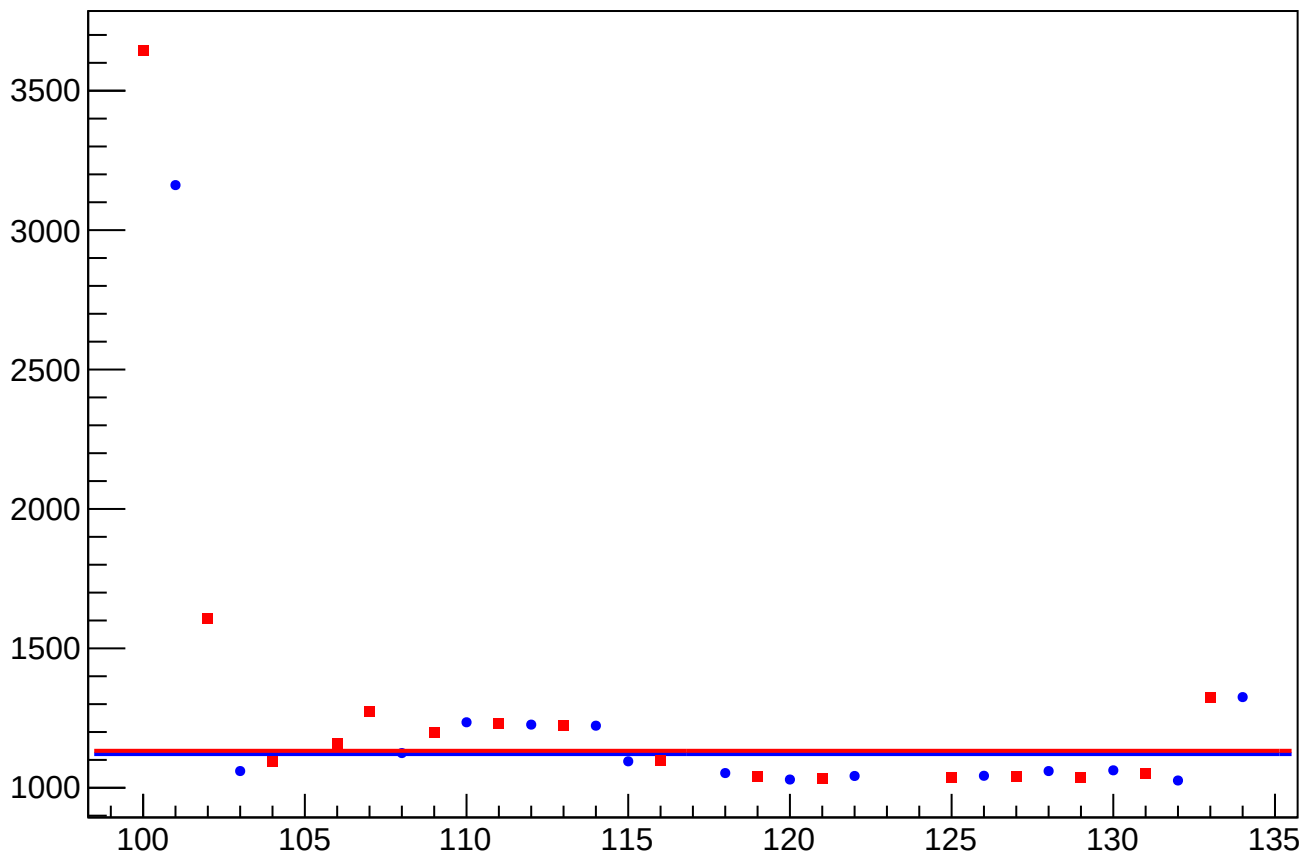
Right: 366.655+/-322.153 χ^2/NDF : 34.7/30

In: 325.961+/-456.897 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.655+/-322.153 χ^2/NDF : 34.7/30

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1120.846+/-0.323 χ^2/NDF : 617013.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1132.632+/-0.321 χ^2/NDF : 227110.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

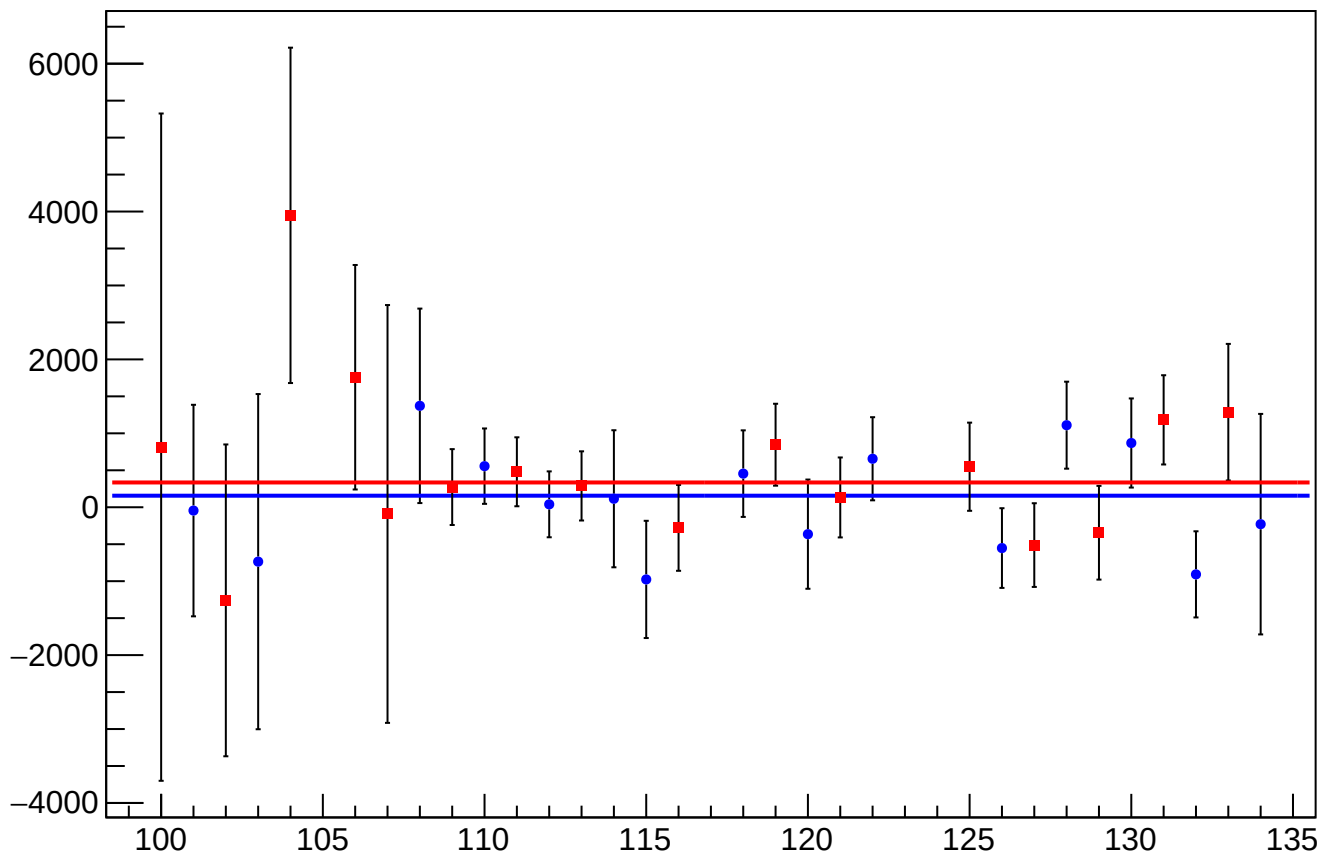
Right: 1126.773+/-0.228 χ^2/NDF : 844792.9/30

In: 1120.846+/-0.323 χ^2/NDF : 617013.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.773+/-0.228 χ^2/NDF : 844792.9/30

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 156.246+/-173.319 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.221+/-166.738 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

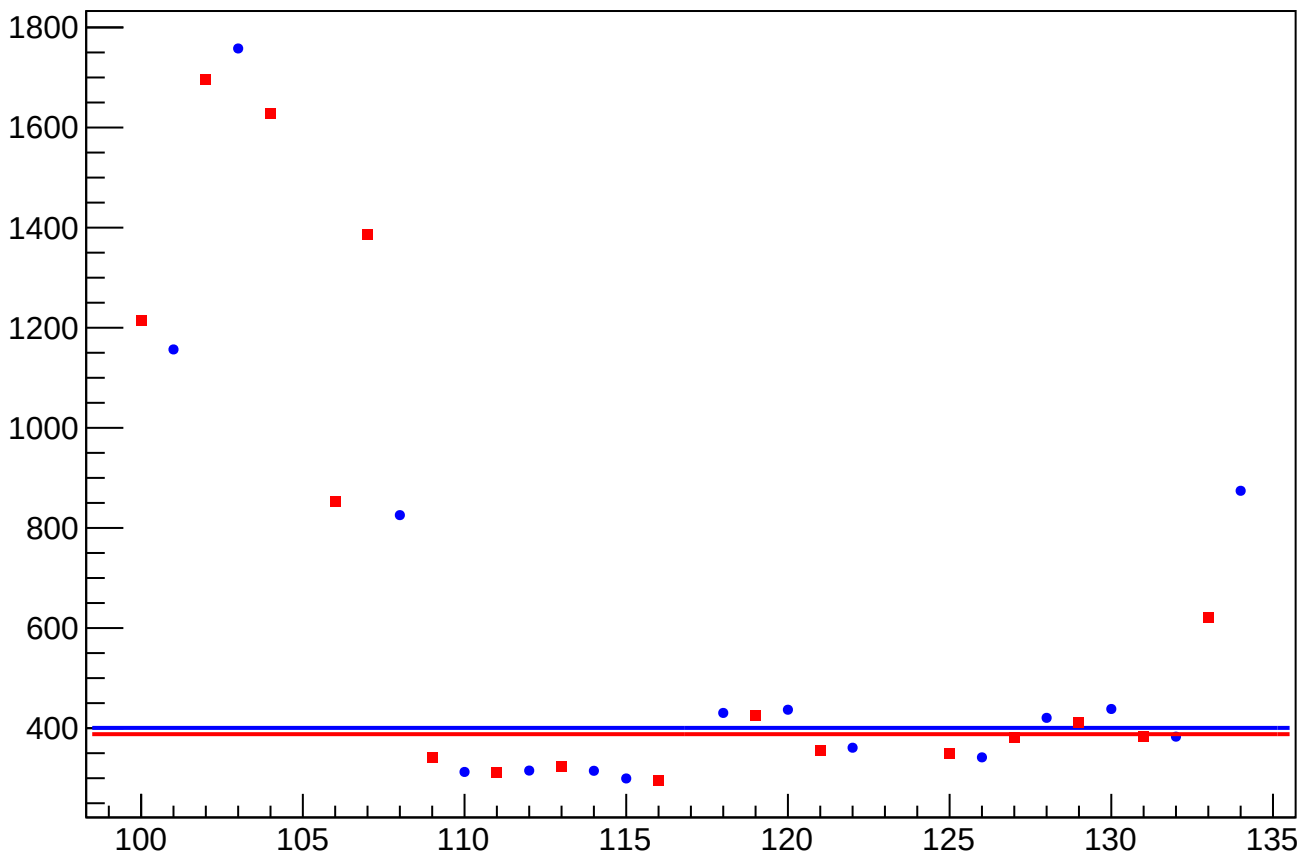
Right: 249.196+/-120.161 χ^2/NDF : 27.8/30

In: 156.246+/-173.319 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.196+/-120.161 χ^2/NDF : 27.8/30

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 400.539+/-0.123 χ^2/NDF : 1924546.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.988+/-0.118 χ^2/NDF : 2183536.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

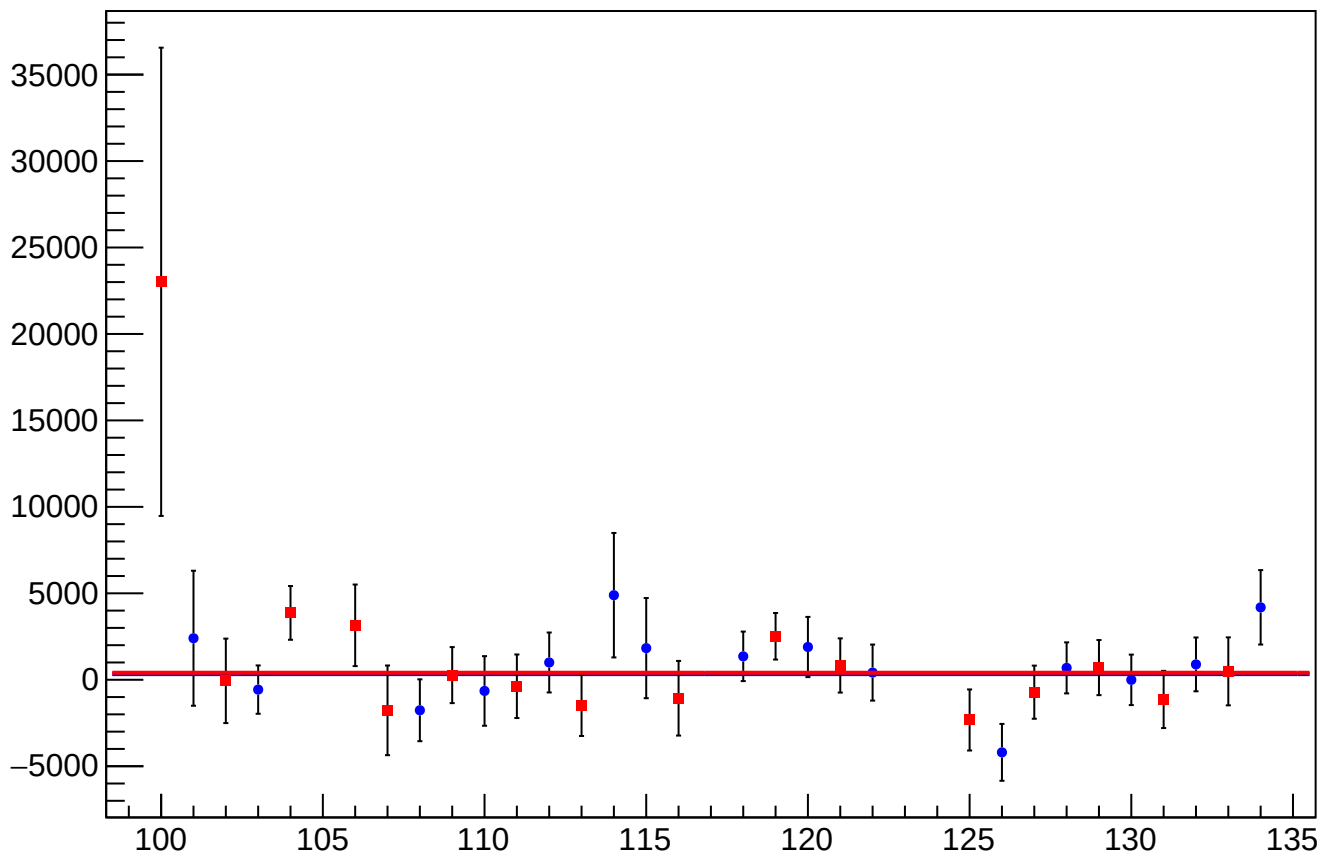
Right: 394.021+/-0.085 χ^2/NDF : 4113530.2/30

In: 400.539+/-0.123 χ^2/NDF : 1924546.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.021+/-0.085 χ^2/NDF : 4113530.2/30

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 325.958+/-456.897 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 406.888+/-454.300 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

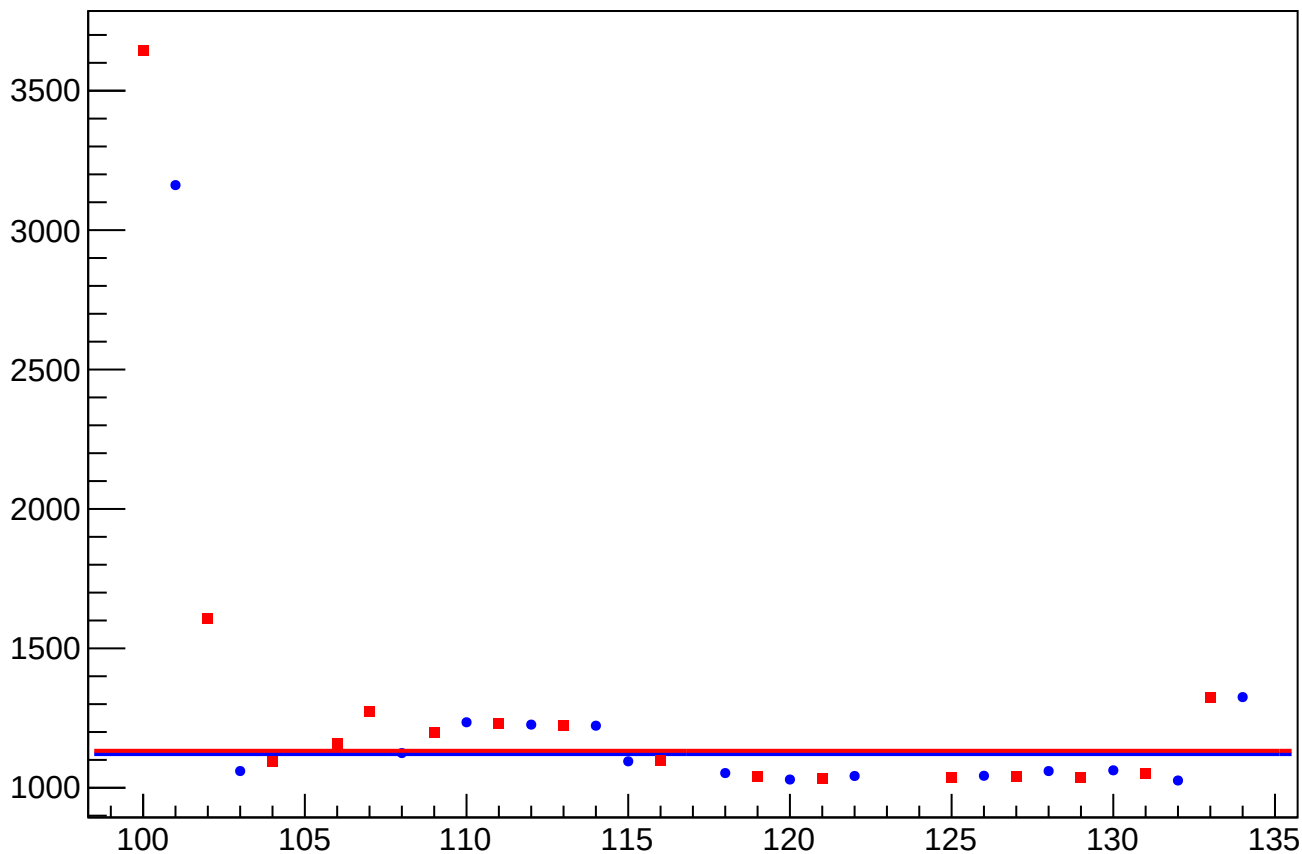
Right: 366.653+/-322.153 χ^2/NDF : 34.7/30

In: 325.958+/-456.897 χ^2/NDF :16.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 366.653+/-322.153 χ^2/NDF : 34.7/30

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1120.846+/-0.323 χ^2/NDF : 617013.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1132.632+/-0.321 χ^2/NDF : 227110.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

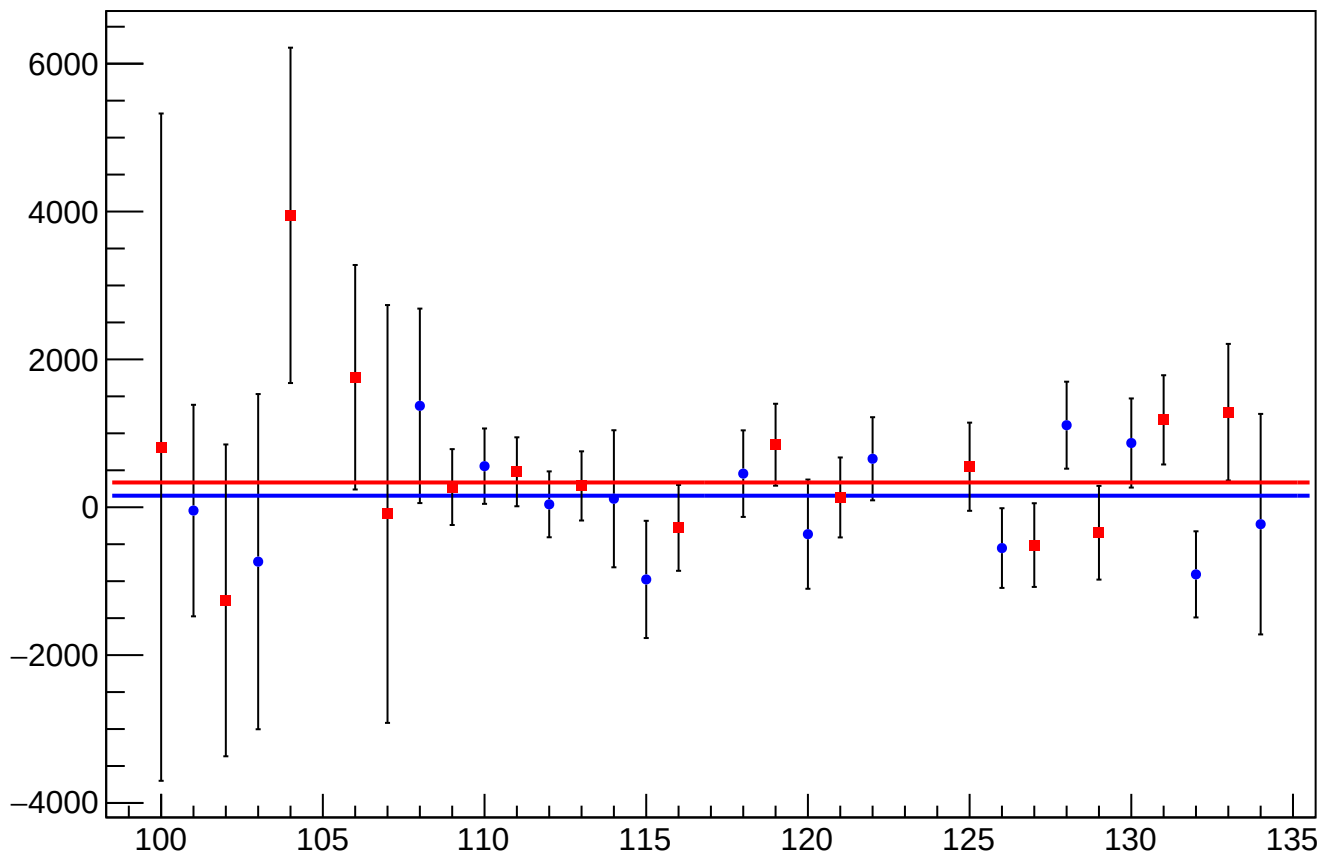
Right: 1126.773+/-0.228 χ^2/NDF : 844793.0/30

In: 1120.846+/-0.323 χ^2/NDF :617013.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1126.773+/-0.228 χ^2/NDF : 844793.0/30

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 156.242+/-173.318 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.220+/-166.737 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

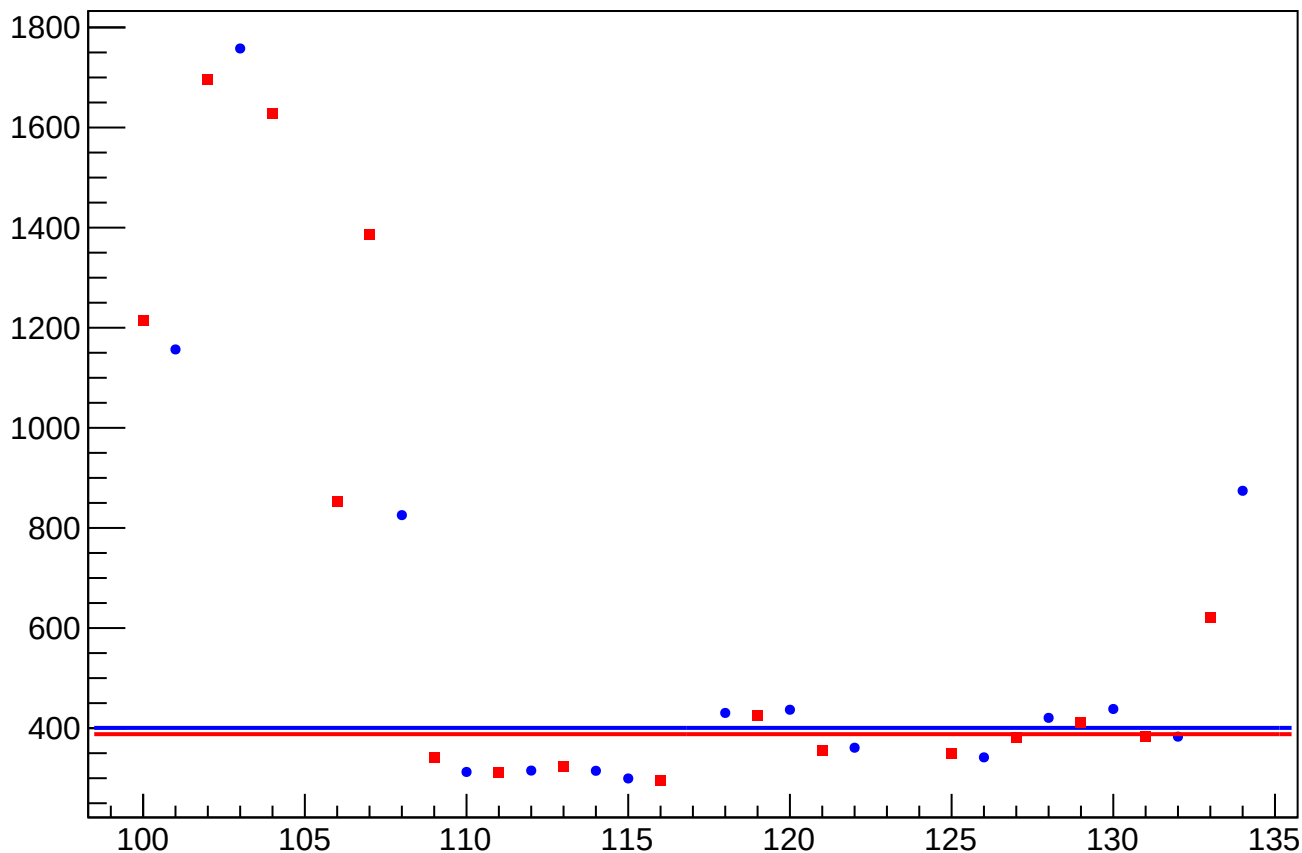
Right: 249.194+/-120.160 χ^2/NDF : 27.8/30

In: 156.242+/-173.318 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.194+/-120.160 χ^2/NDF : 27.8/30

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 400.537+/-0.123 χ^2/NDF : 1924547.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.986+/-0.118 χ^2/NDF : 2183549.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

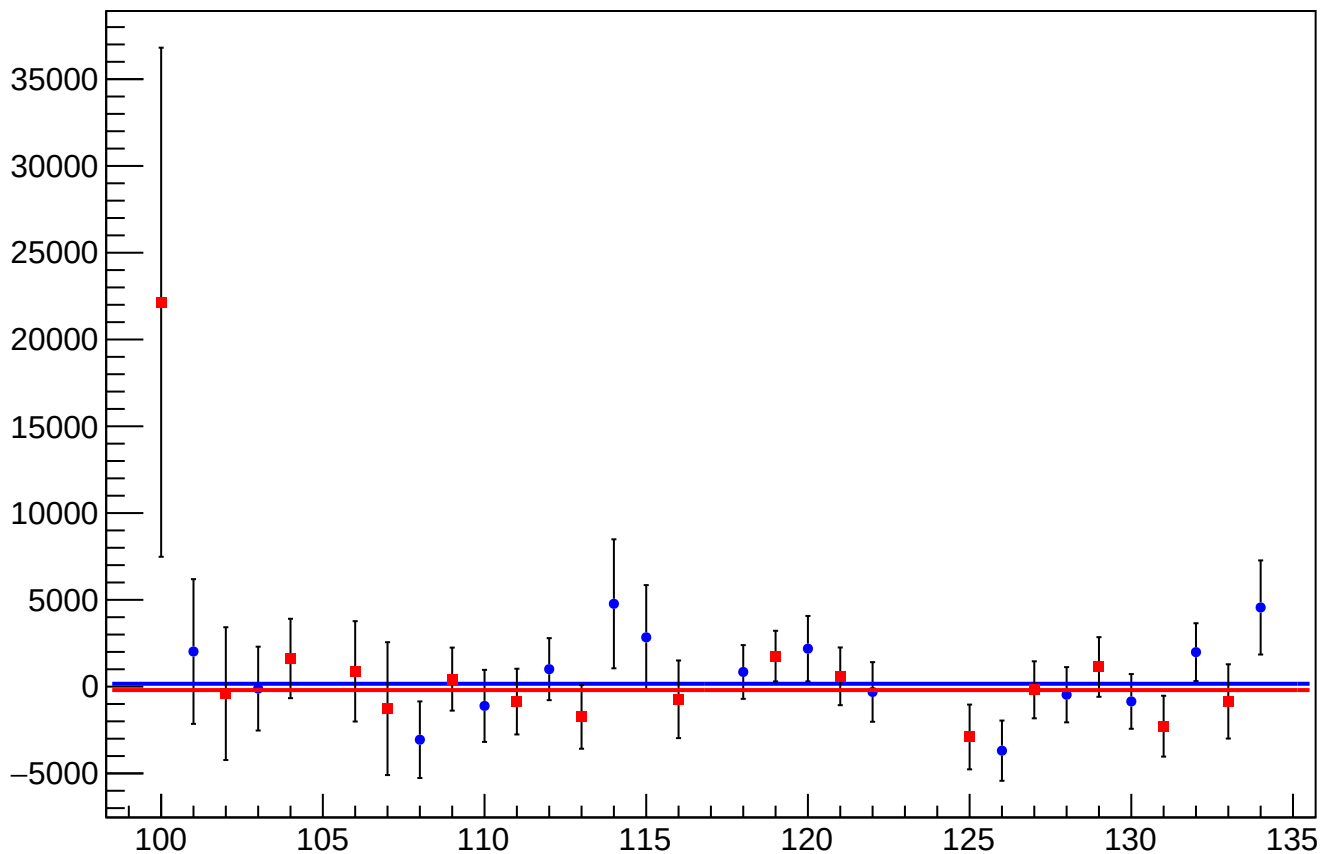
Right: 394.019+/-0.085 χ^2/NDF : 4113543.9/30

In: 400.537+/-0.123 χ^2/NDF : 1924547.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.019+/-0.085 χ^2/NDF : 4113543.9/30

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 165.047+/-511.275 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -198.577+/-506.064 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

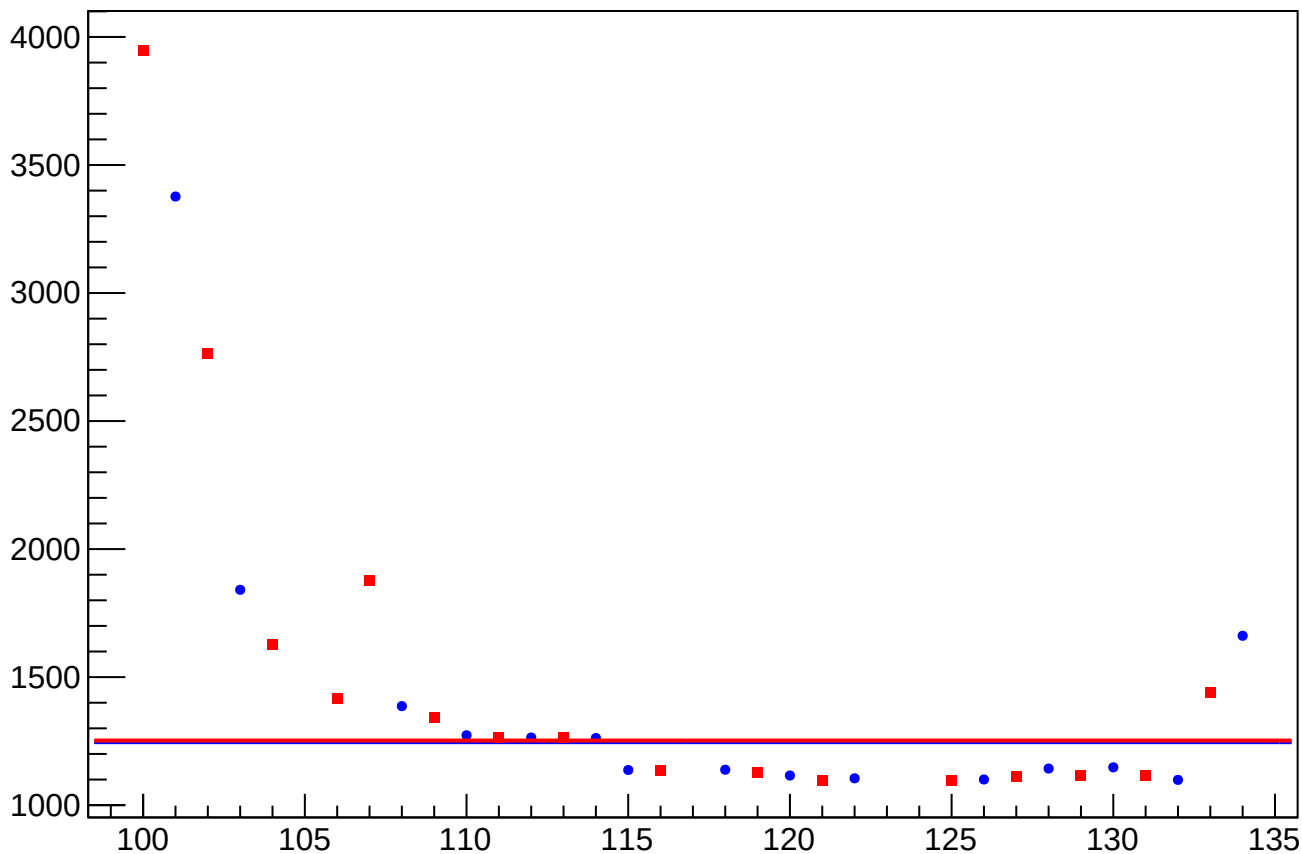
Right: -18.628+/-359.669 χ^2/NDF : 26.7/30

In: 165.047+/-511.275 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.628+/-359.669 χ^2/NDF : 26.7/30

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1246.009+/-0.362 χ^2/NDF : 780776.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.344+/-0.358 χ^2/NDF : 605169.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

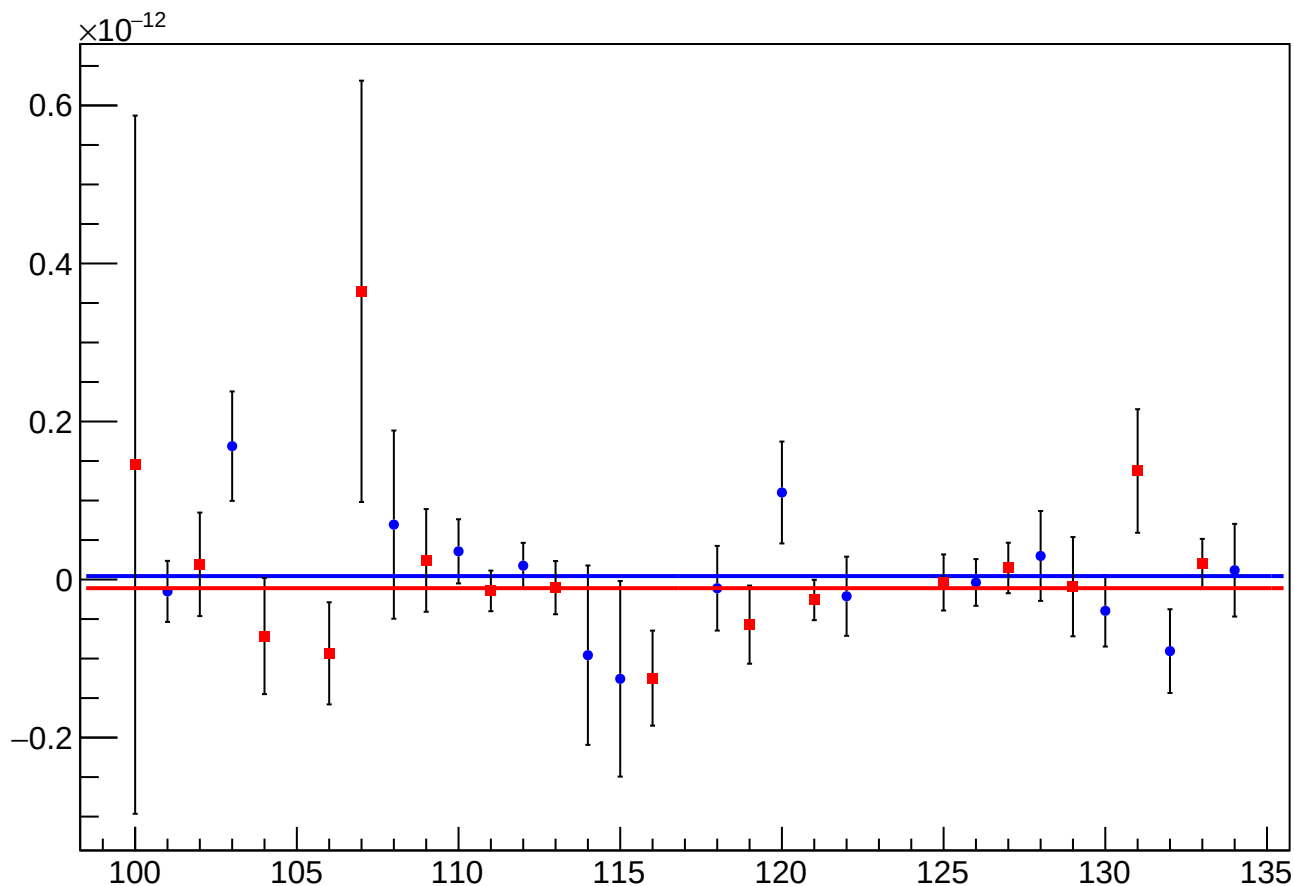
Right: 1249.209+/-0.254 χ^2/NDF : 1386101.2/30

In: 1246.009+/-0.362 χ^2/NDF : 780776.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1249.209+/-0.254 χ^2/NDF : 1386101.2/30

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

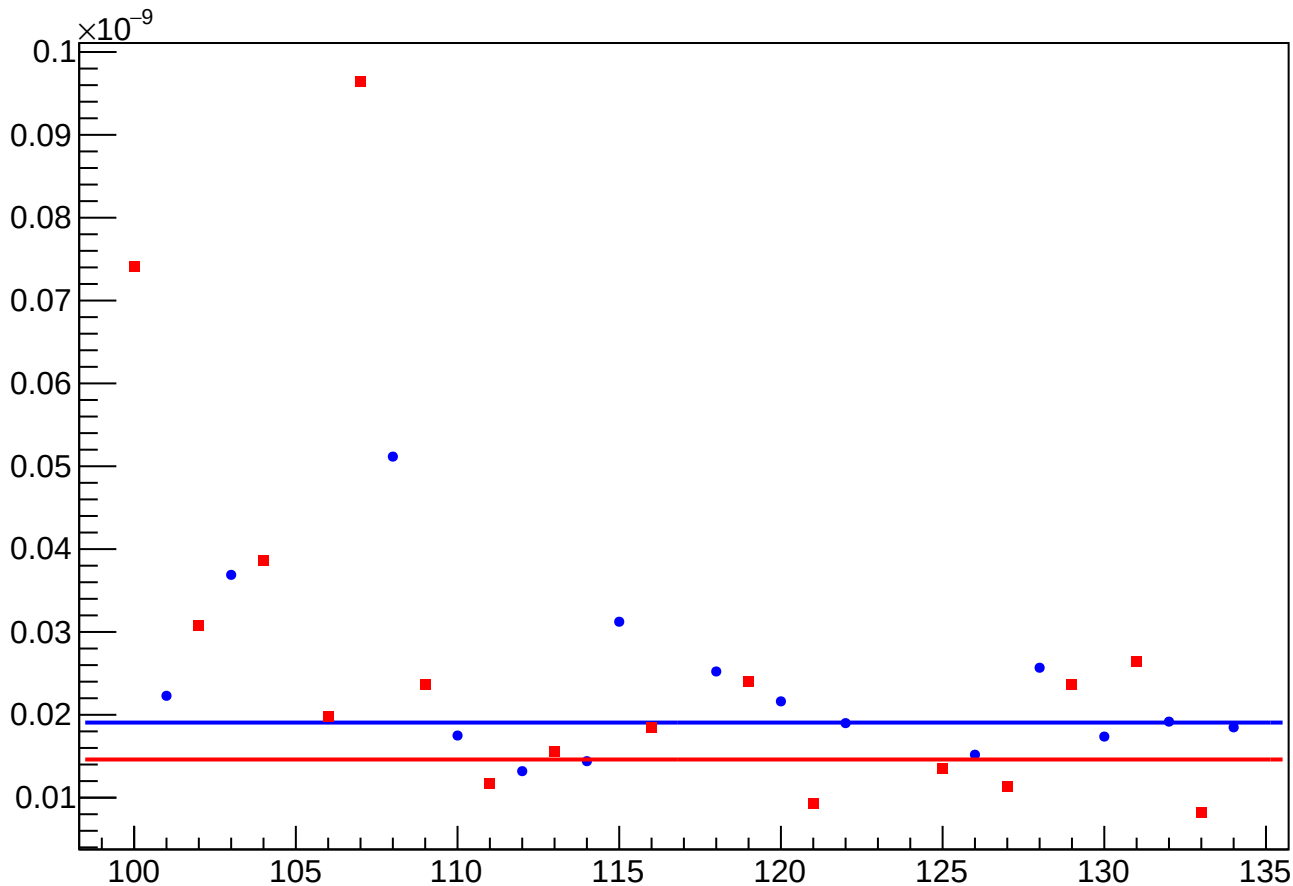
Right: -0.000+/-0.000 χ^2/NDF : 32.2/30

In: 0.000+/-0.000 χ^2/NDF : 16.4/14

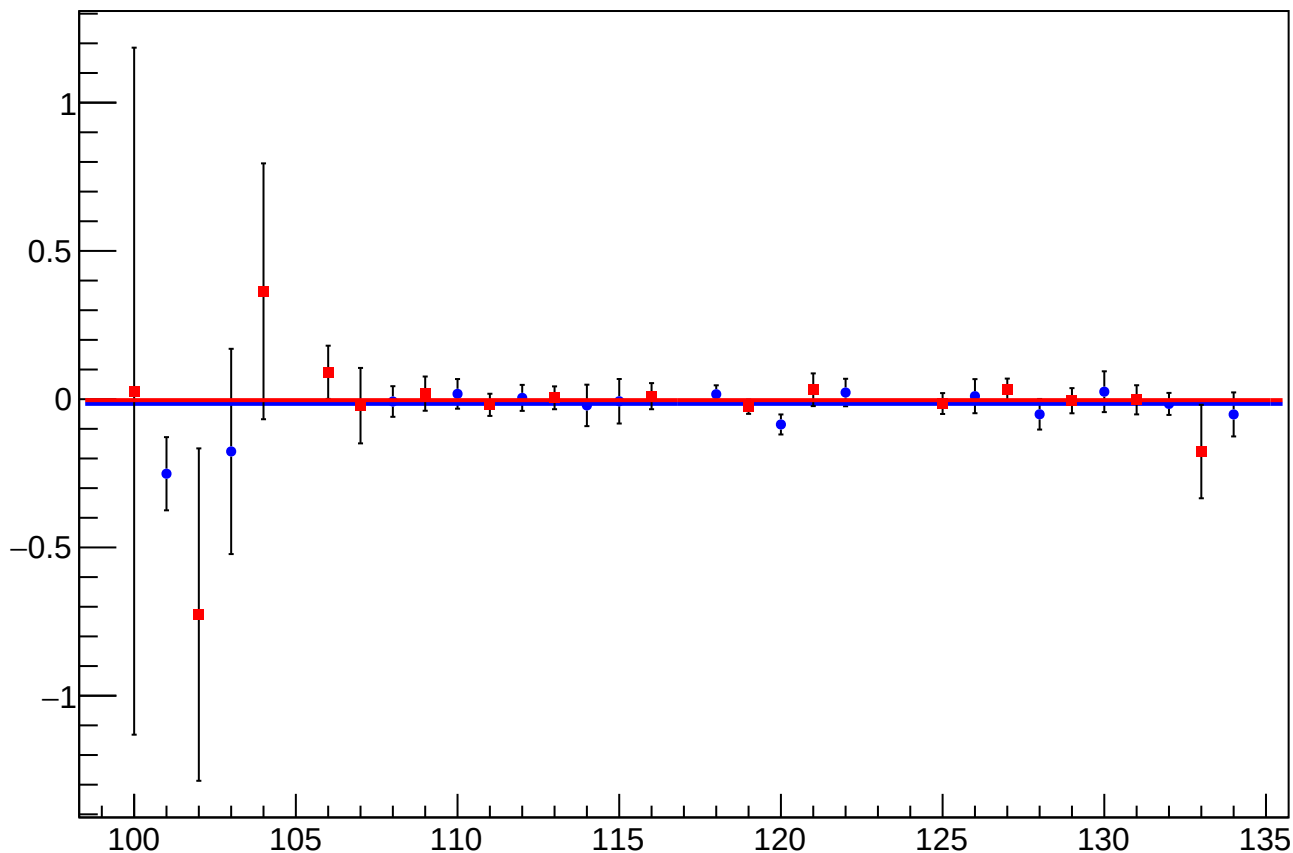
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.2/30

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.013 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.012 χ^2/NDF : 7.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

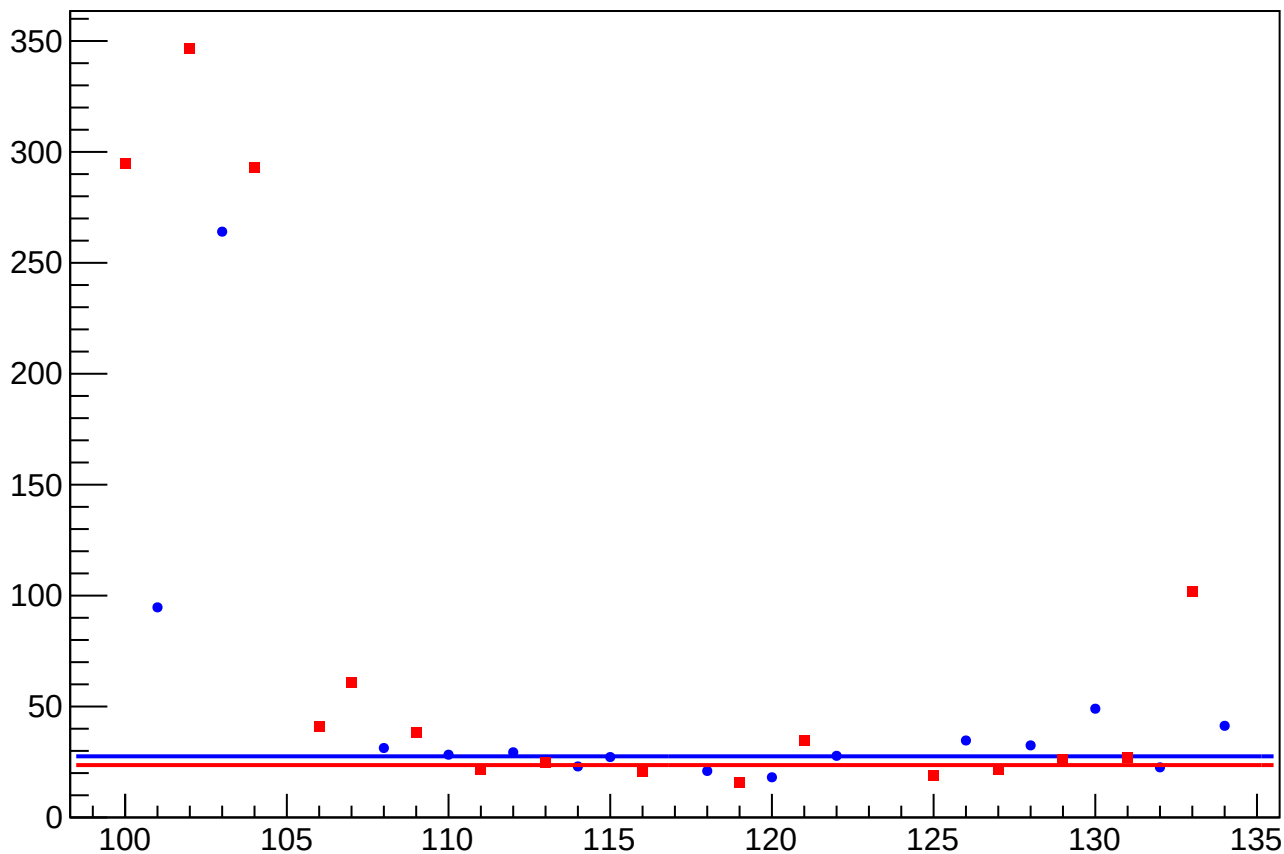
Right: -0.009 ± 0.009 χ^2/NDF : 19.9/30

In: -0.016 ± 0.013 χ^2/NDF : 11.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.009 χ^2/NDF : 19.9/30

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.555+/-0.009 χ^2/NDF : 2149732.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.604+/-0.008 χ^2/NDF : 2802586.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

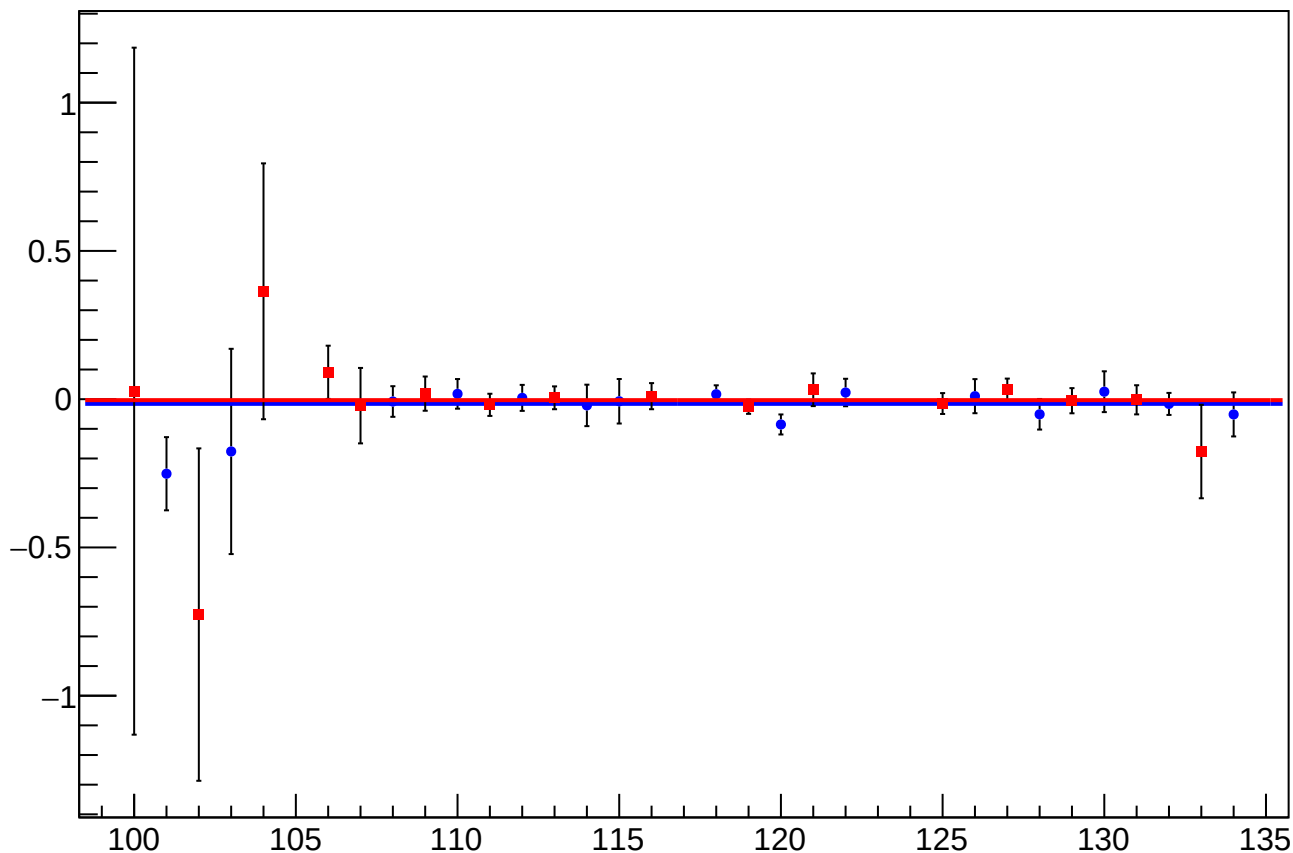
Right: 25.425+/-0.006 χ^2/NDF : 5053267.7/30

In: 27.555+/-0.009 χ^2/NDF : 2149732.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.425+/-0.006 χ^2/NDF : 5053267.7/30

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.013 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.012 χ^2/NDF : 7.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

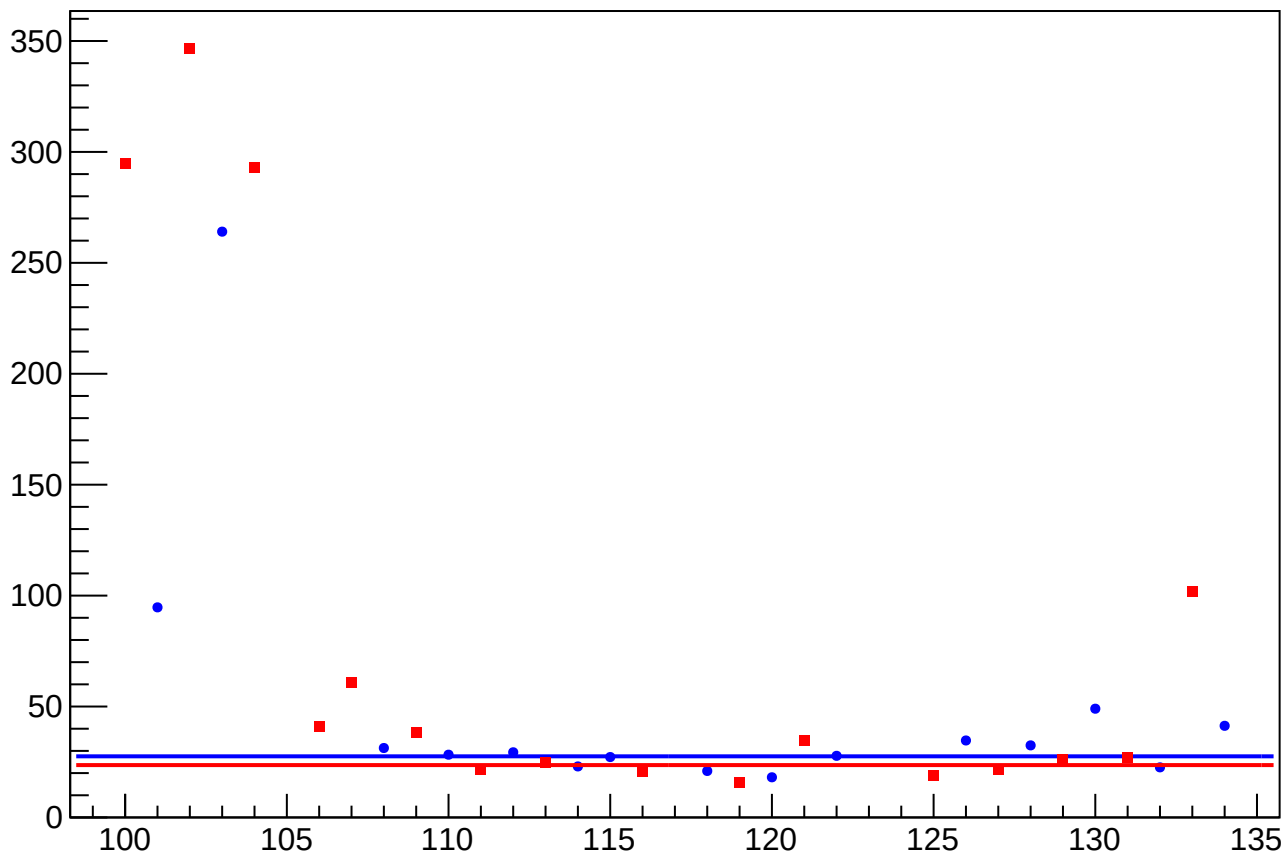
Right: -0.009+/-0.009 χ^2/NDF : 19.9/30

In: -0.016+/-0.013 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.009 χ^2/NDF : 19.9/30

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.555+/-0.009 χ^2/NDF : 2149732.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.604+/-0.008 χ^2/NDF : 2802586.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

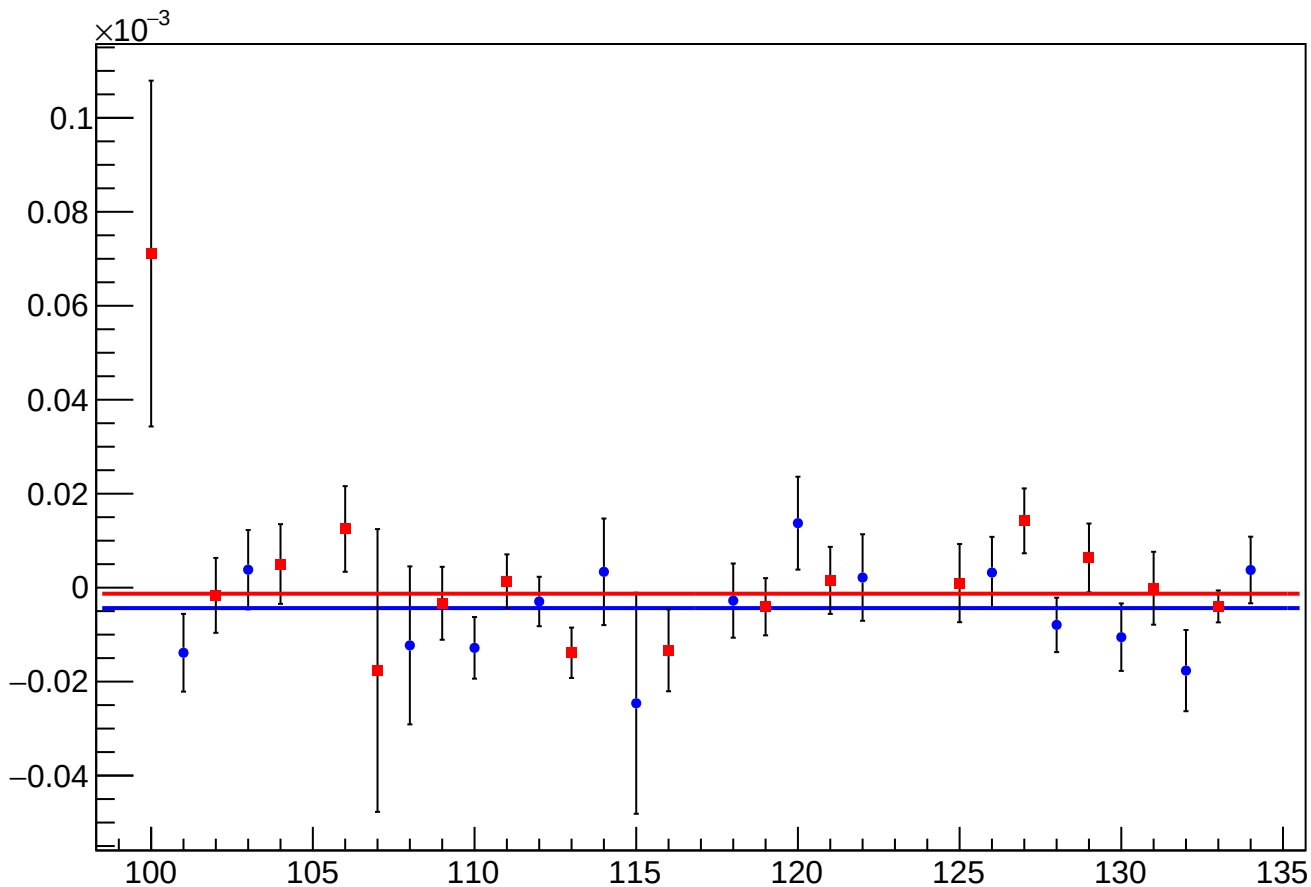
Right: 25.425+/-0.006 χ^2/NDF : 5053267.7/30

In: 27.555+/-0.009 χ^2/NDF : 2149732.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.425+/-0.006 χ^2/NDF : 5053267.7/30

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 : 15.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 21.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

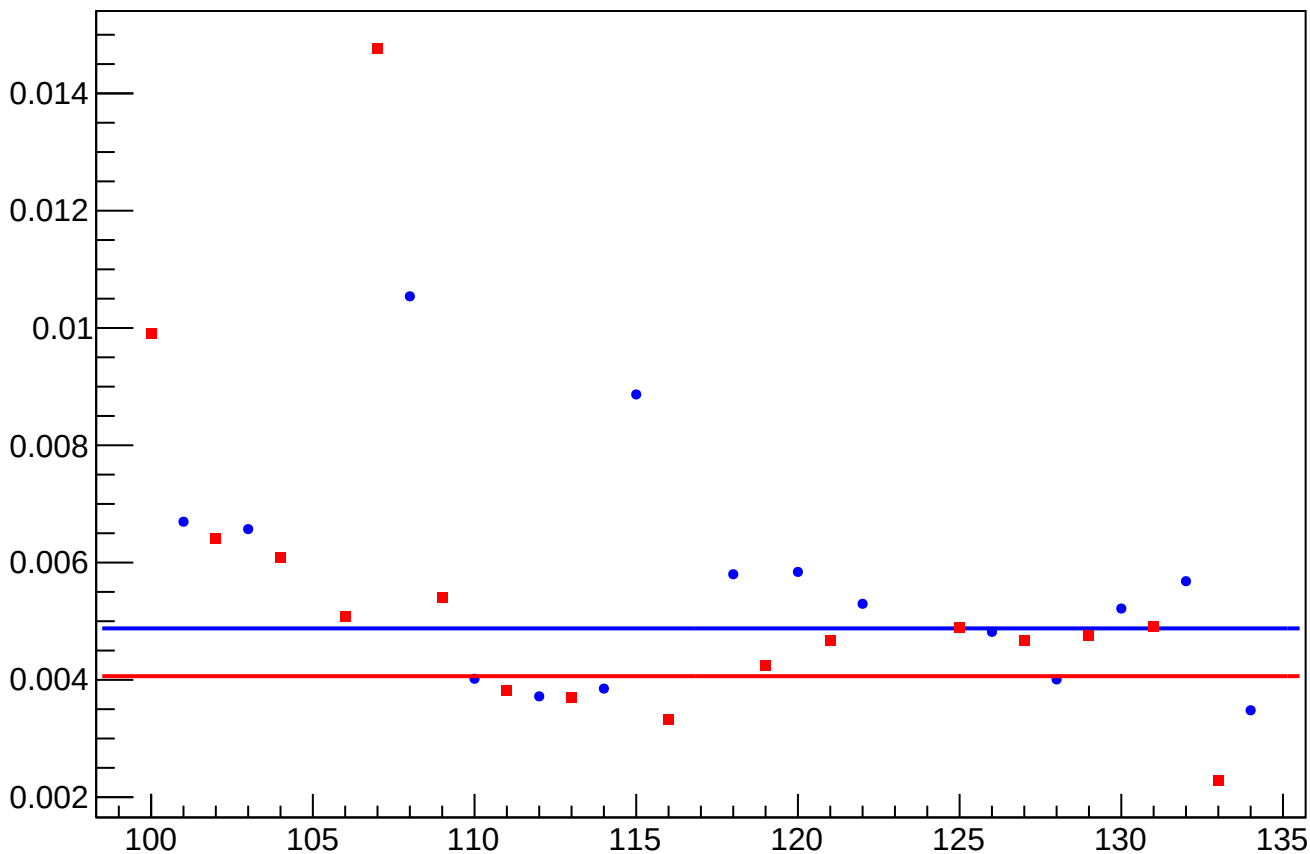
Right: -0.000 ± 0.000 χ^2/NDF : 38.4/30

In: -0.000 ± 0.000 χ^2/NDF : 15.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 38.4/30

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 : 804127.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1347218.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

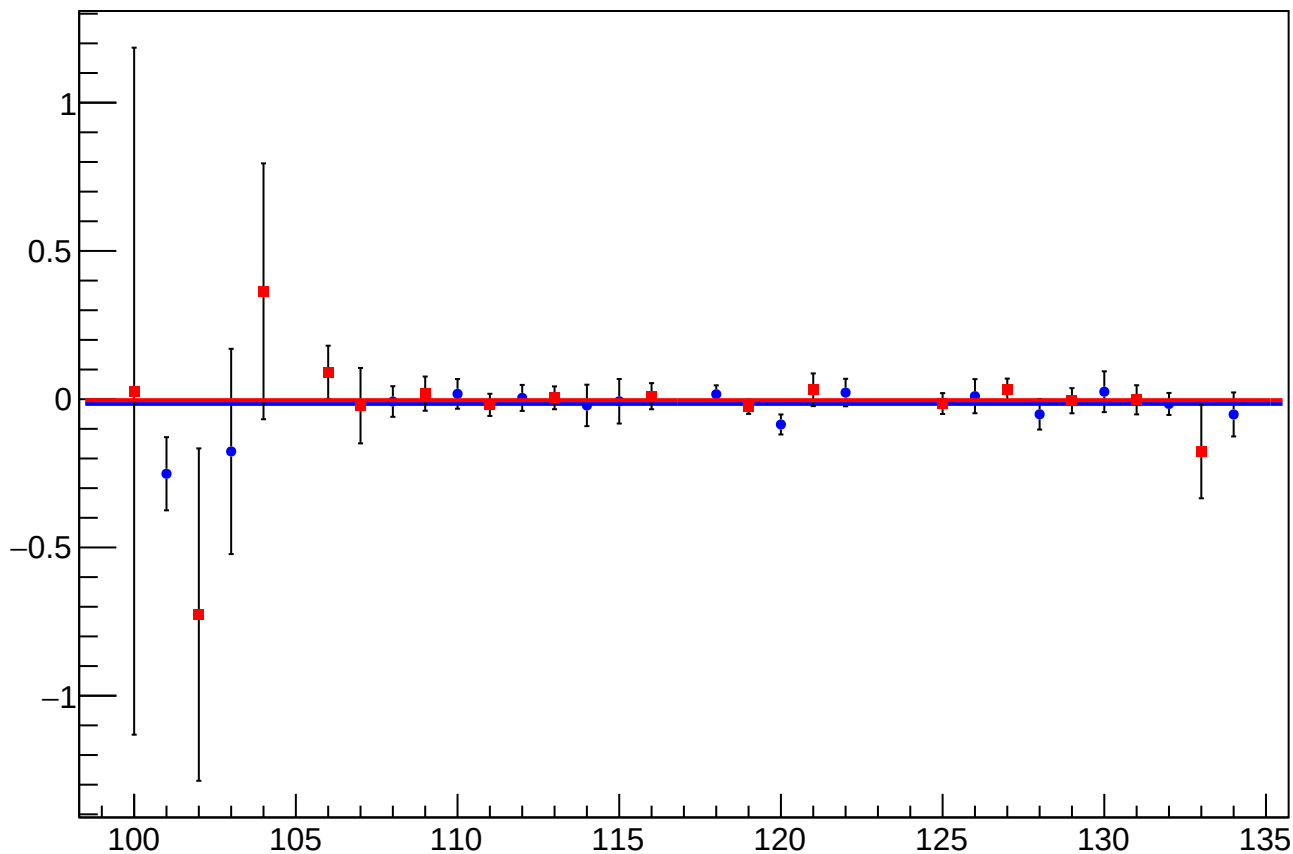
Right: 0.004+/-0.000 χ^2/NDF : 2338212.4/30

In: 0.005+/-0.000 χ^2/NDF :804127.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2338212.4/30

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.013 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.012 χ^2/NDF : 7.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

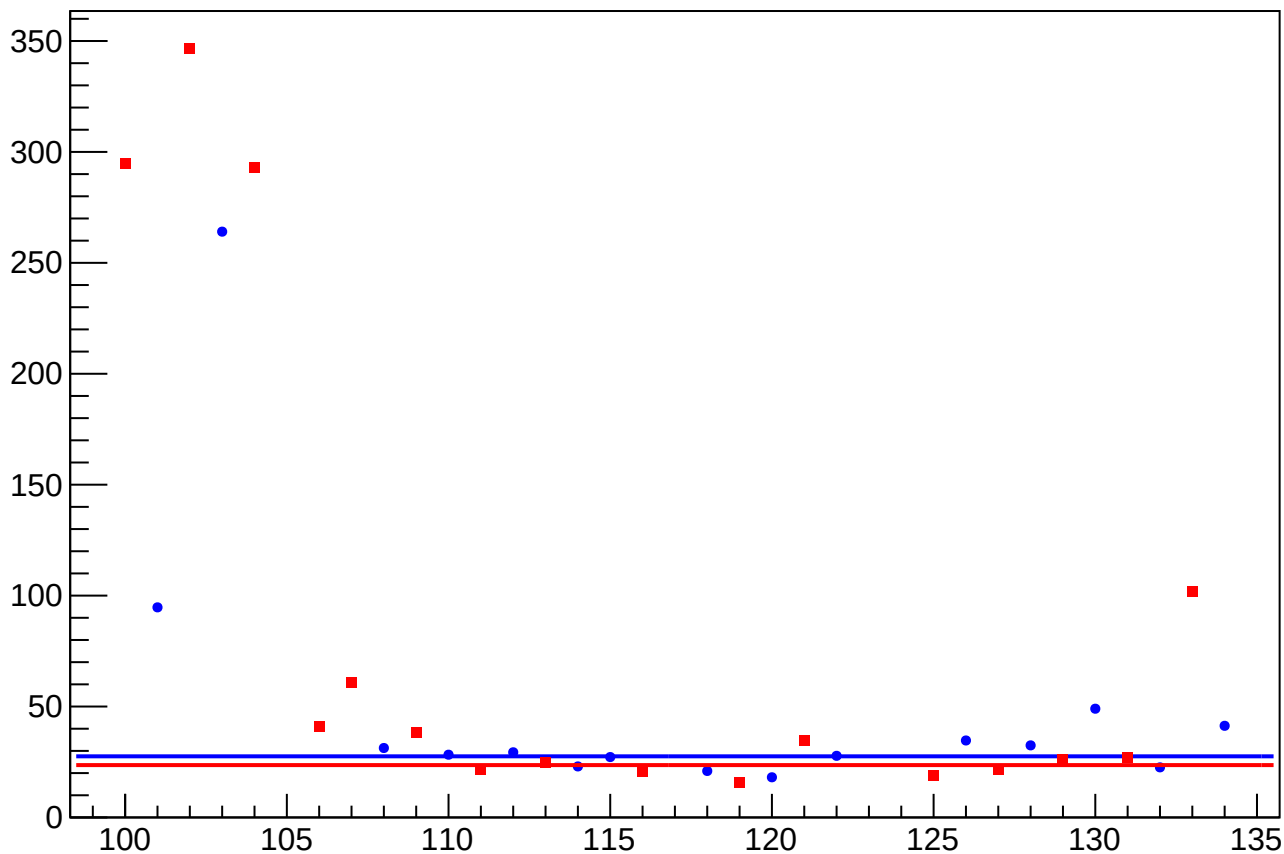
Right: -0.009+/-0.009 χ^2/NDF : 19.9/30

In: -0.016+/-0.013 χ^2/NDF : 11.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.009 χ^2/NDF : 19.9/30

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 27.555+/-0.009 χ^2/NDF : 2149746.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.602+/-0.008 χ^2/NDF : 2802808.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

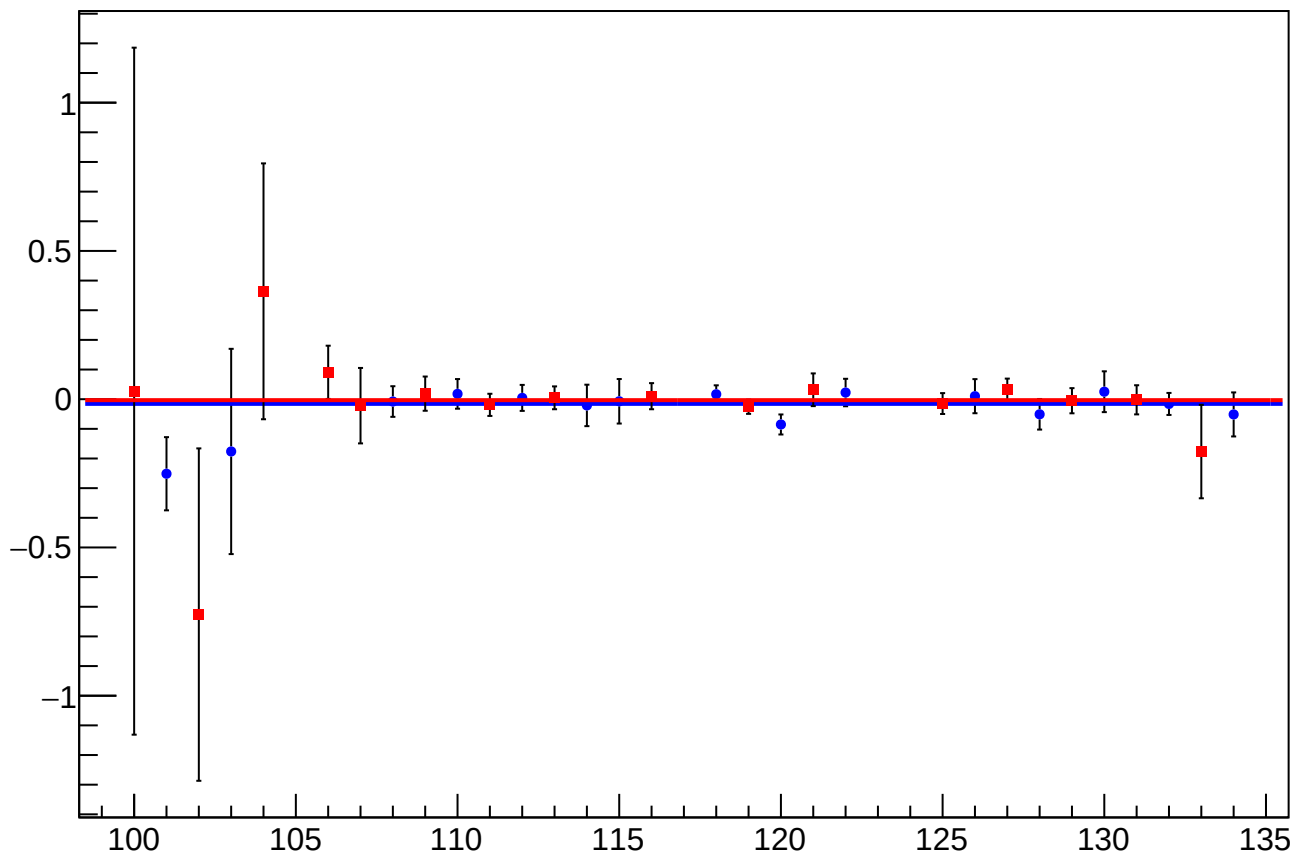
Right: 25.424+/-0.006 χ^2/NDF : 5053588.9/30

In: 27.555+/-0.009 χ^2/NDF : 2149746.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.424+/-0.006 χ^2/NDF : 5053588.9/30

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.013 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.012 χ^2/NDF : 7.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

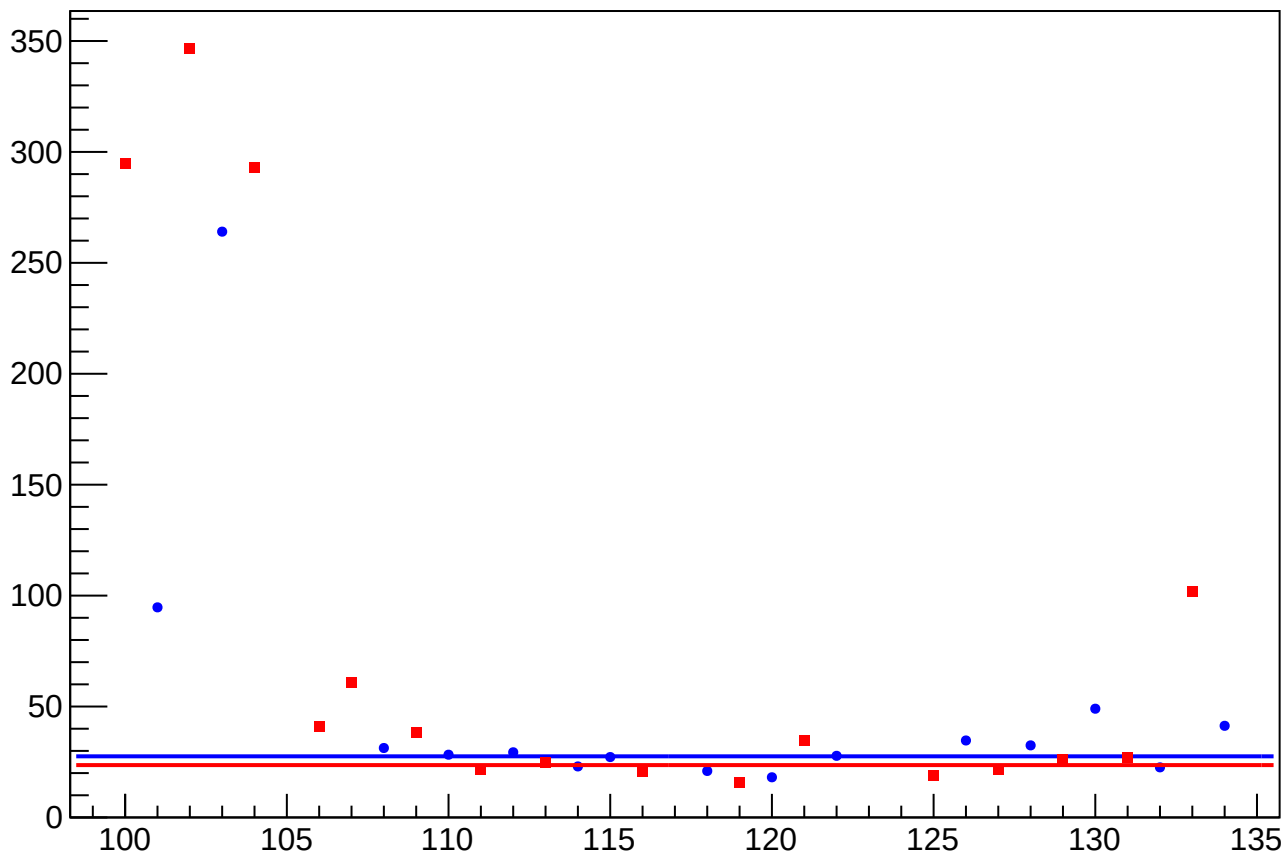
Right: -0.009 ± 0.009 χ^2/NDF : 19.9/30

In: -0.016 ± 0.013 χ^2/NDF : 11.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.009 χ^2/NDF : 19.9/30

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.555+/-0.009 χ^2/NDF : 2149746.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.602+/-0.008 χ^2/NDF : 2802808.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

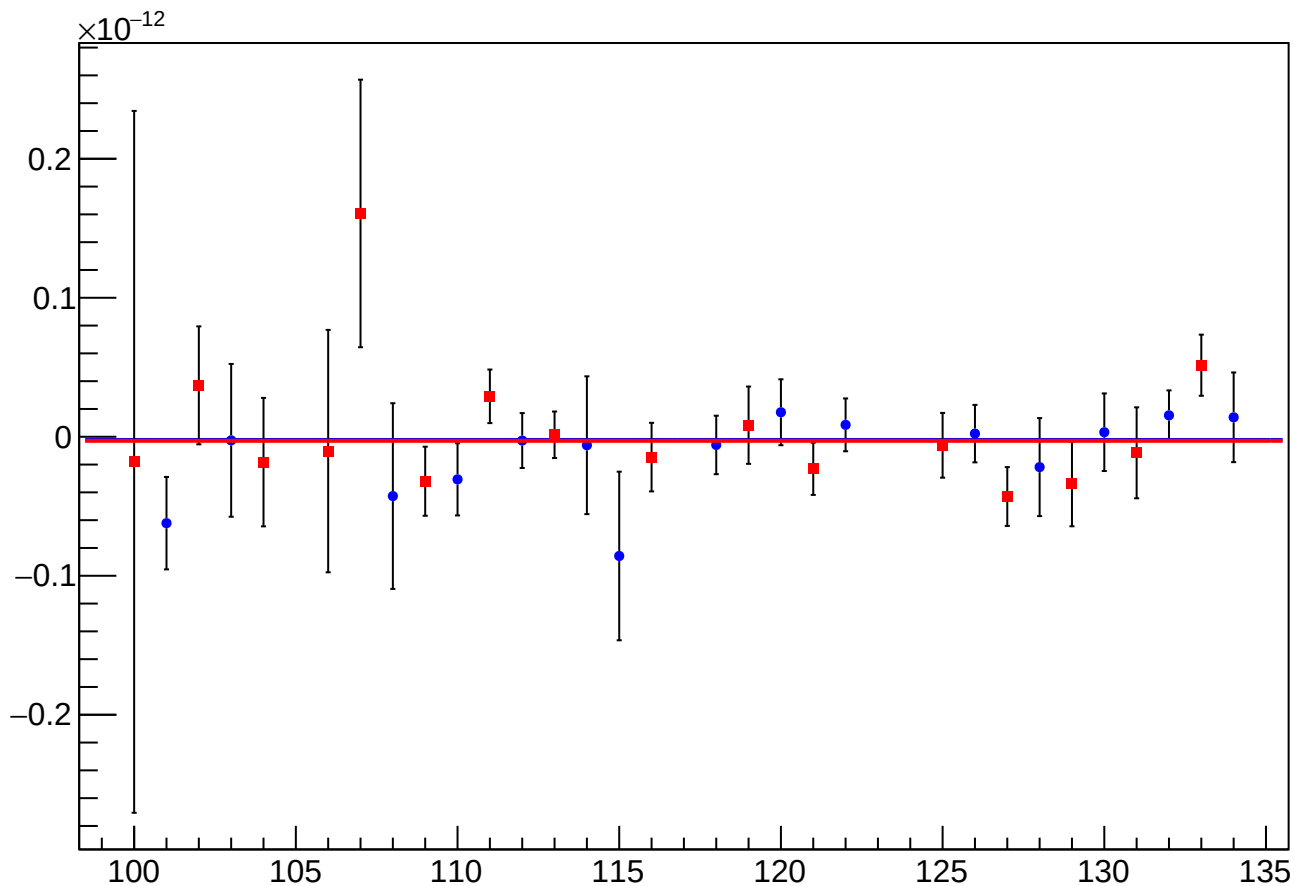
Right: 25.424+/-0.006 χ^2/NDF : 5053588.9/30

In: 27.555+/-0.009 χ^2/NDF : 2149746.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.424+/-0.006 χ^2/NDF : 5053588.9/30

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

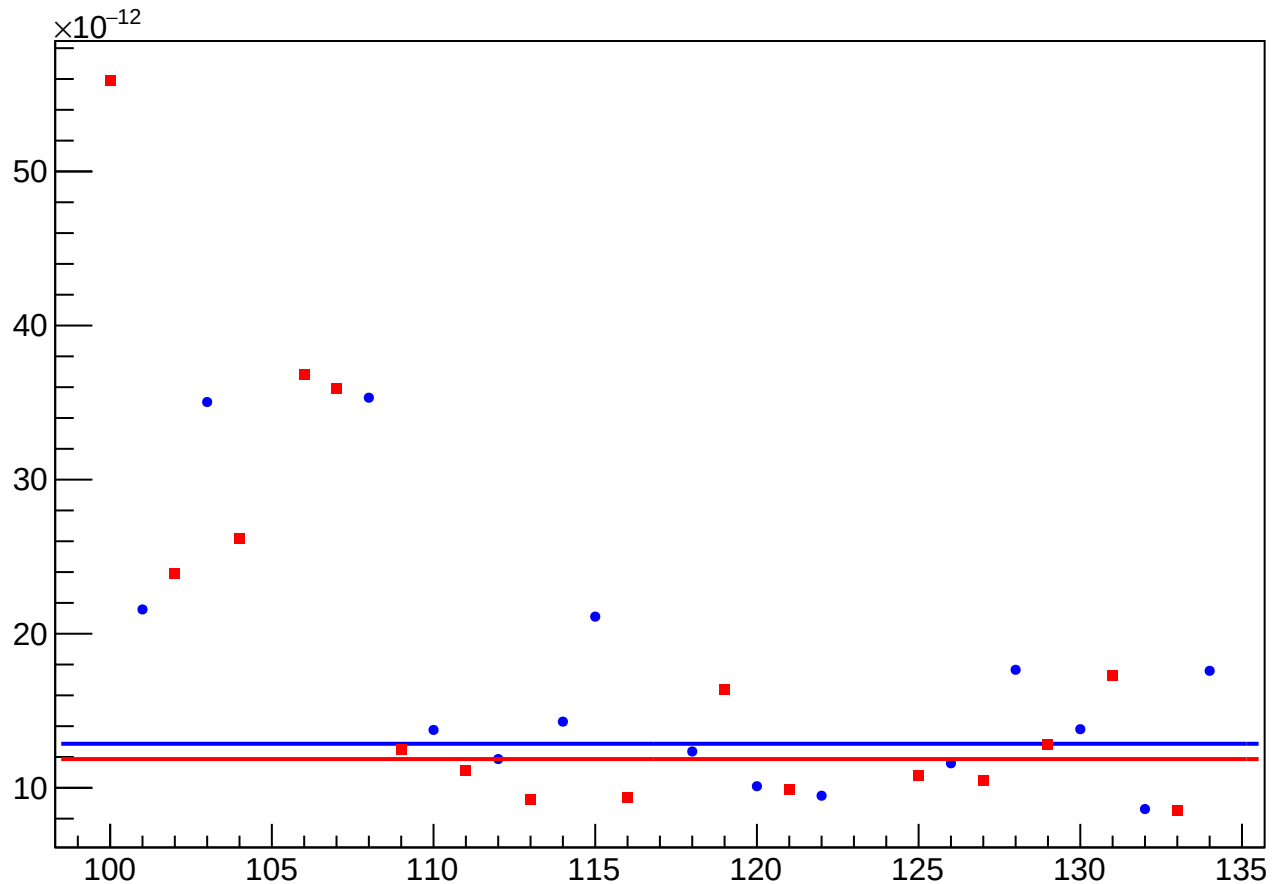
Right: -0.000+/-0.000 χ^2/NDF : 29.8/30

In: -0.000+/-0.000 χ^2/NDF : 9.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.8/30

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 : 1027773.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 966269.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

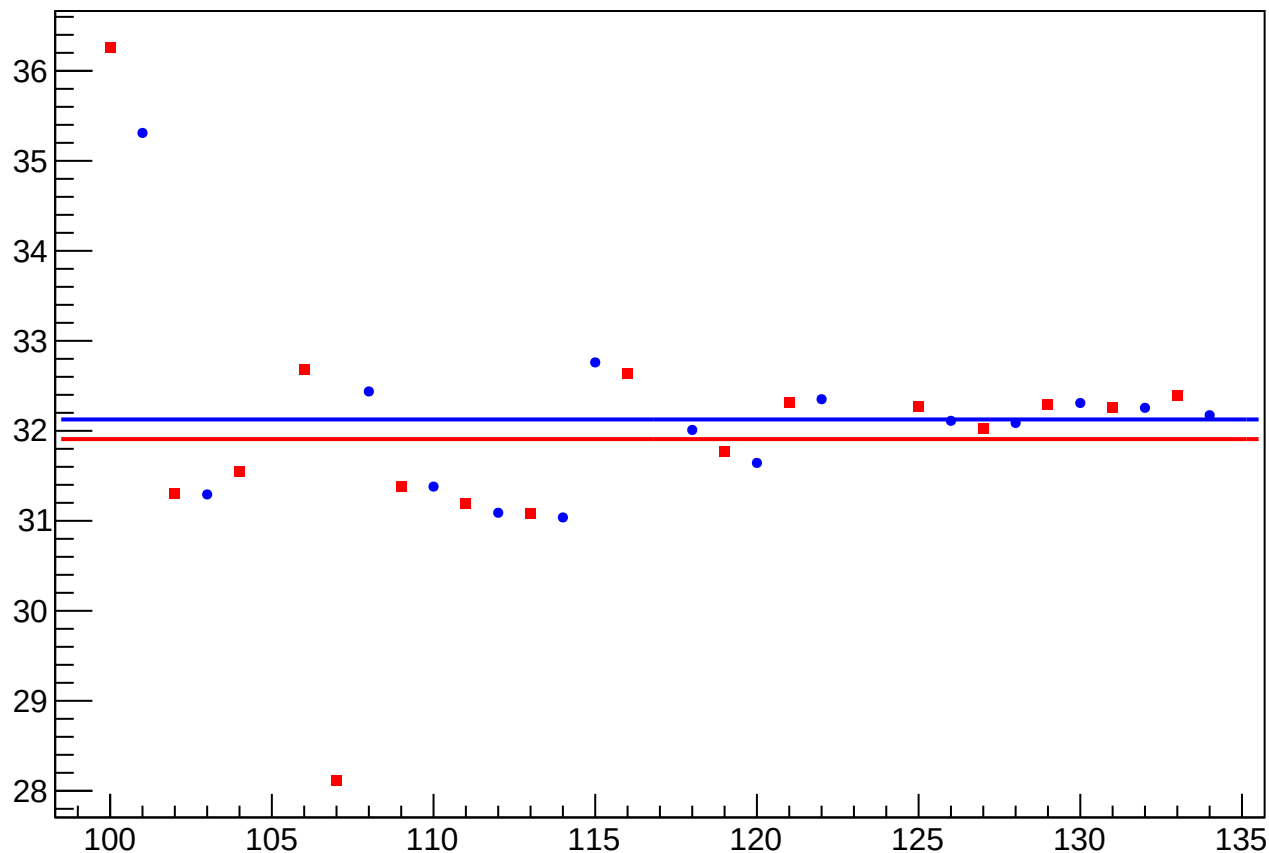
Right: 0.000+/-0.000 χ^2/NDF : 2015979.5/30

In: 0.000+/-0.000 χ^2/NDF : 1027773.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2015979.5/30

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.126+/-0.000 χ^2/NDF : 837941151.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.908+/-0.000 χ^2/NDF : 464968778.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

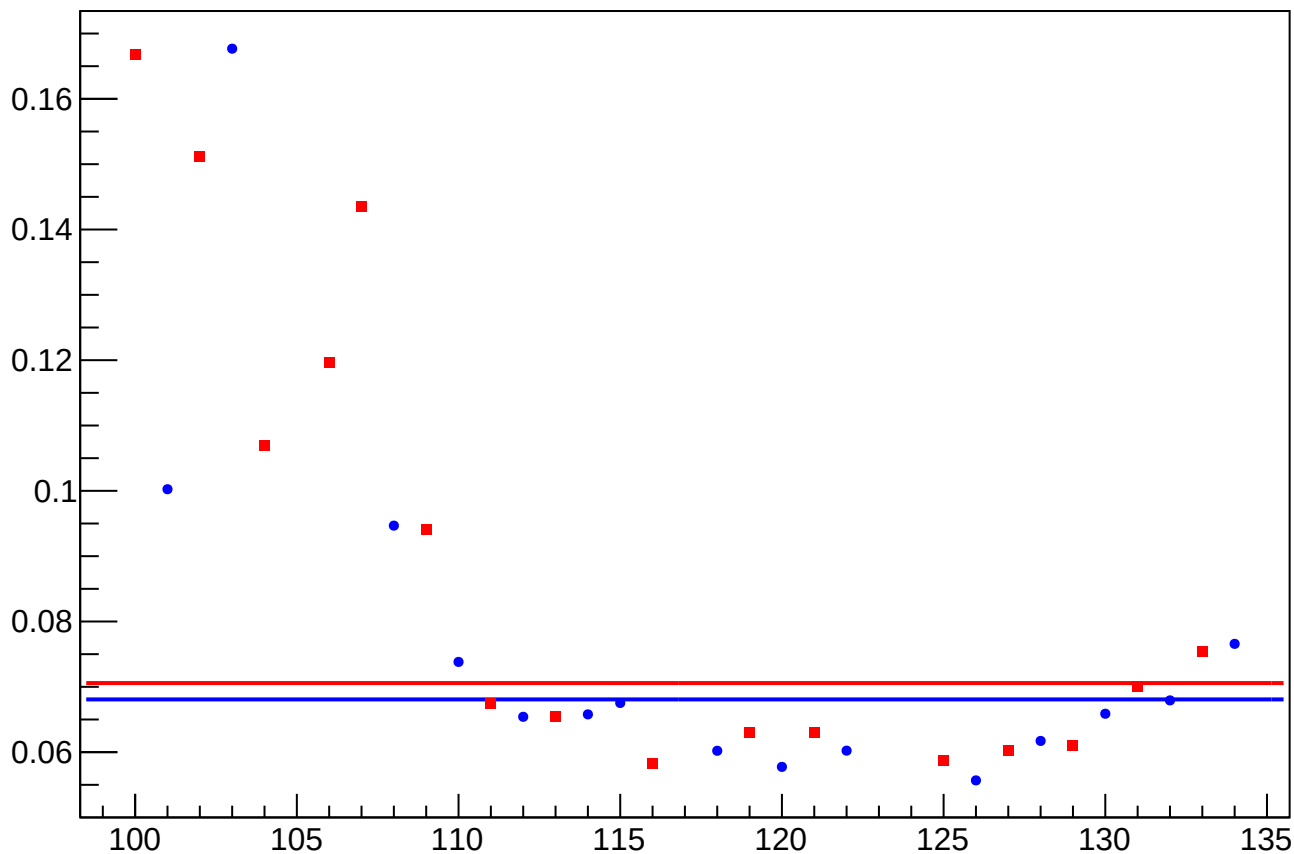
Right: 32.020+/-0.000 χ^2/NDF : 1330242684.9/30

In: 32.126+/-0.000 χ^2/NDF : 837941151.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.020+/-0.000 χ^2/NDF : 1330242684.9/30

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 701185.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 866668.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

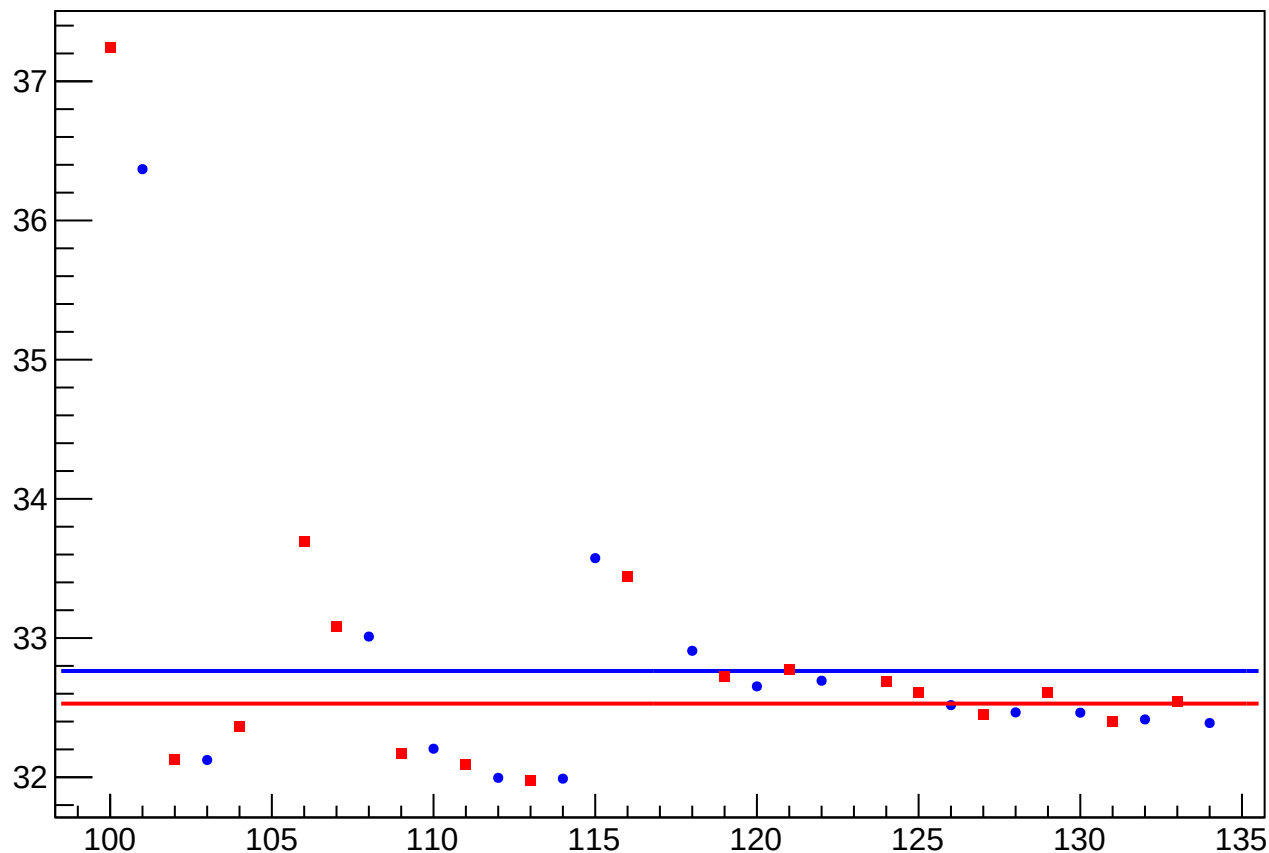
Right: 0.069+/-0.000 χ^2/NDF : 1575031.7/30

In: 0.068+/-0.000 χ^2/NDF : 701185.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1575031.7/30

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.763+/-0.000 χ^2/NDF : 675257071.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.529+/-0.000 χ^2/NDF : 140698111.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

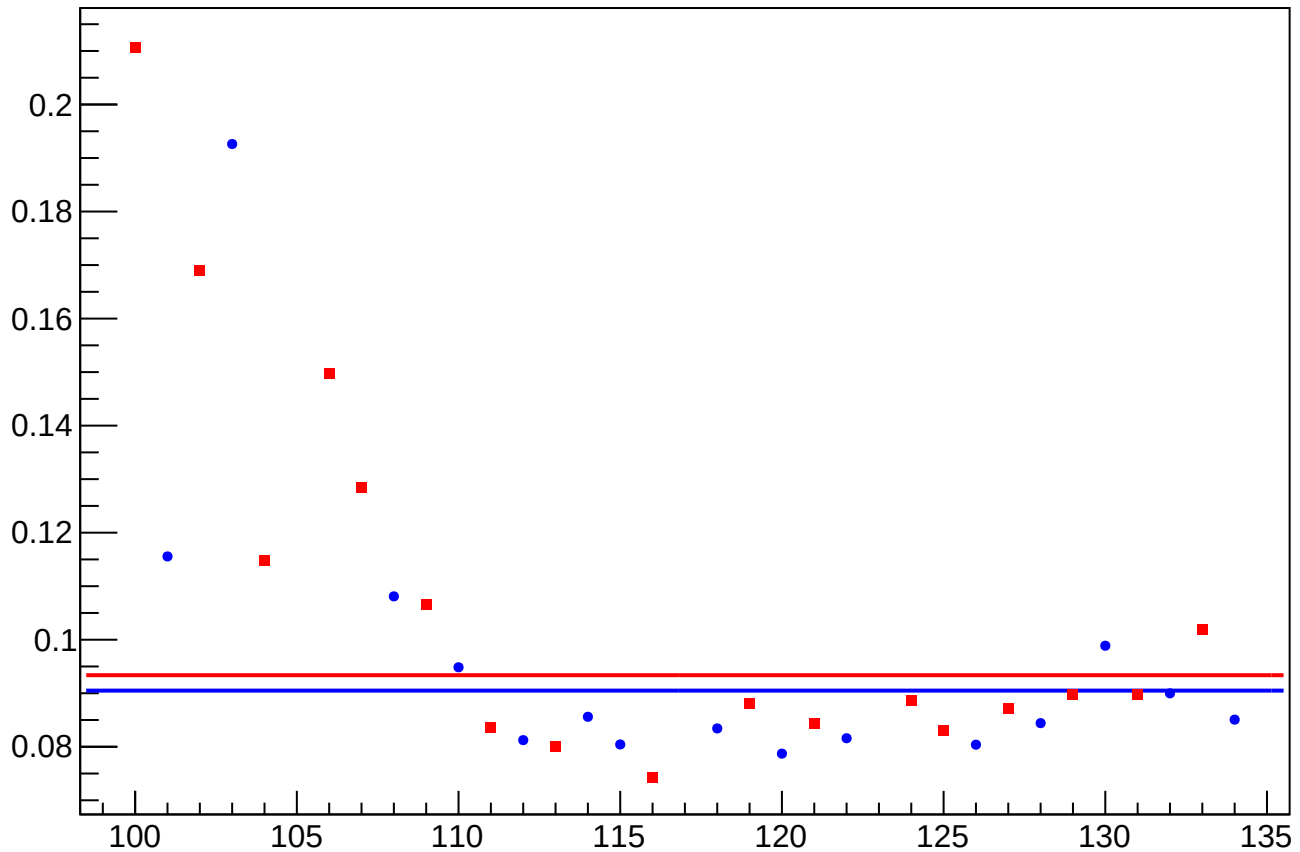
Right: 32.647+/-0.000 χ^2/NDF : 834396933.7/31

In: 32.763+/-0.000 χ^2/NDF : 675257071.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.647+/-0.000 χ^2/NDF : 834396933.7/31

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 476241.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 529701.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

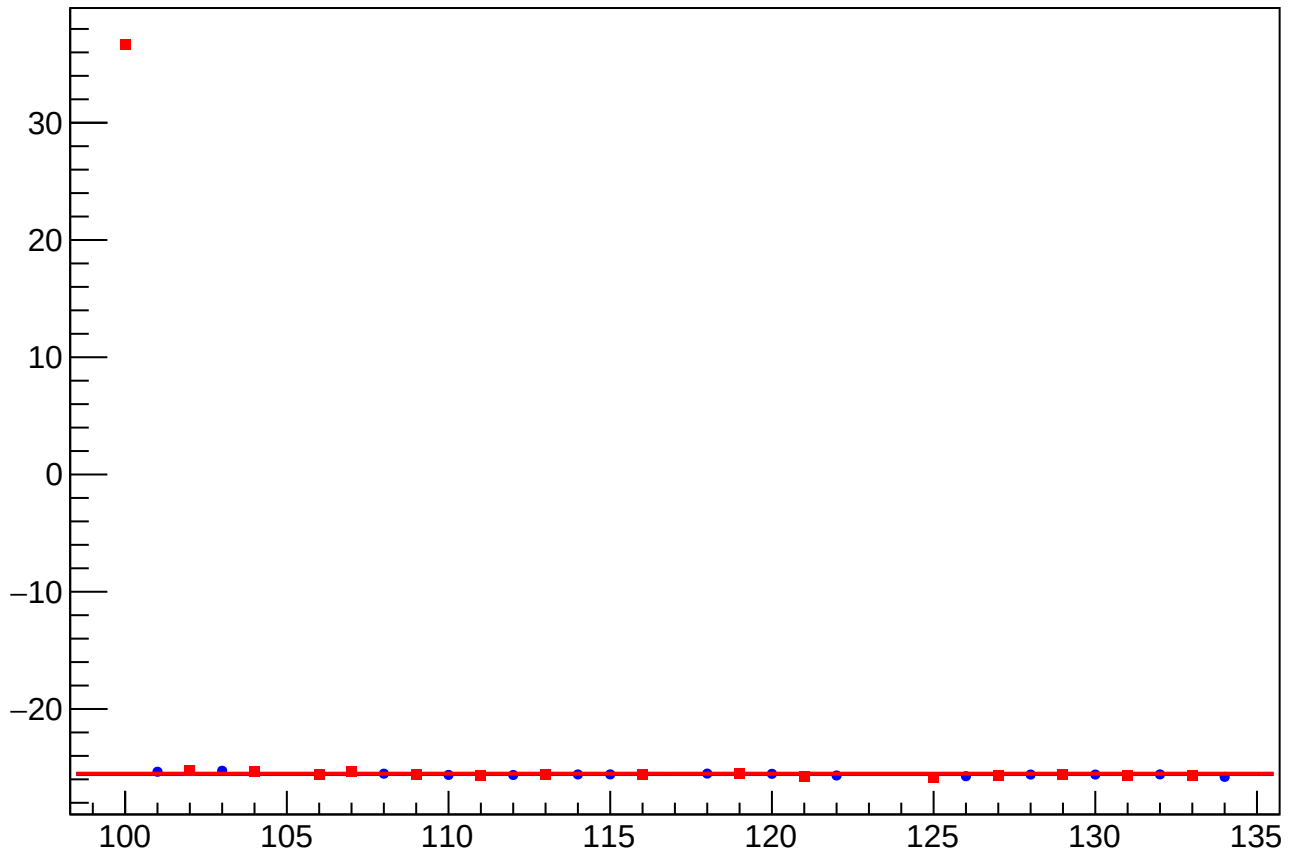
Right: 0.092+/-0.000 χ^2/NDF : 1011519.2/31

In: 0.090+/-0.000 χ^2/NDF :476241.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.092+/-0.000 χ^2/NDF : 1011519.2/31

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.547+/-0.000 χ^2/NDF : 68969581.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.518+/-0.000 χ^2/NDF : 8883182451.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

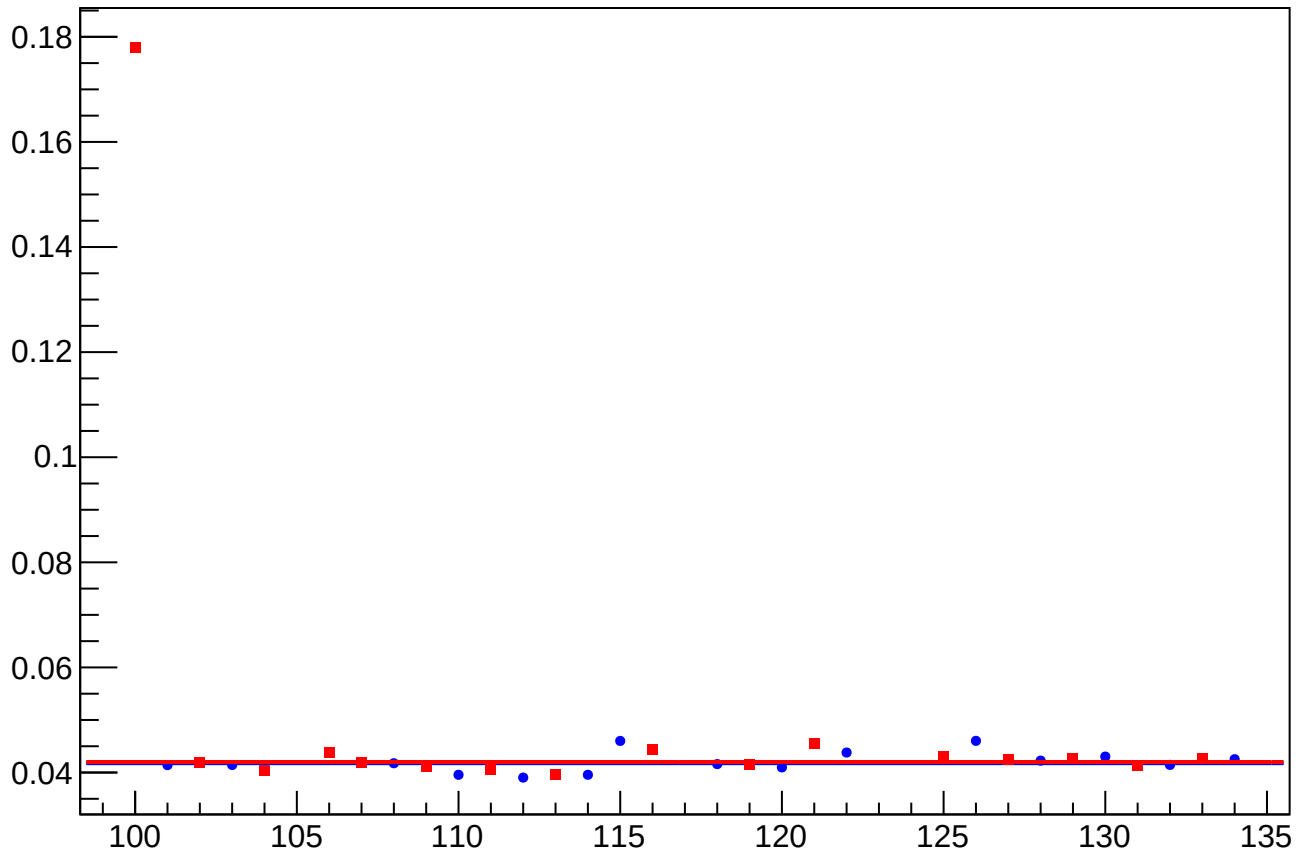
Right: -25.532+/-0.000 χ^2/NDF : 8953682539.9/30

In: -25.547+/-0.000 χ^2/NDF : 68969581.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.532+/-0.000 χ^2/NDF : 8953682539.9/30

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 20656.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 99286.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

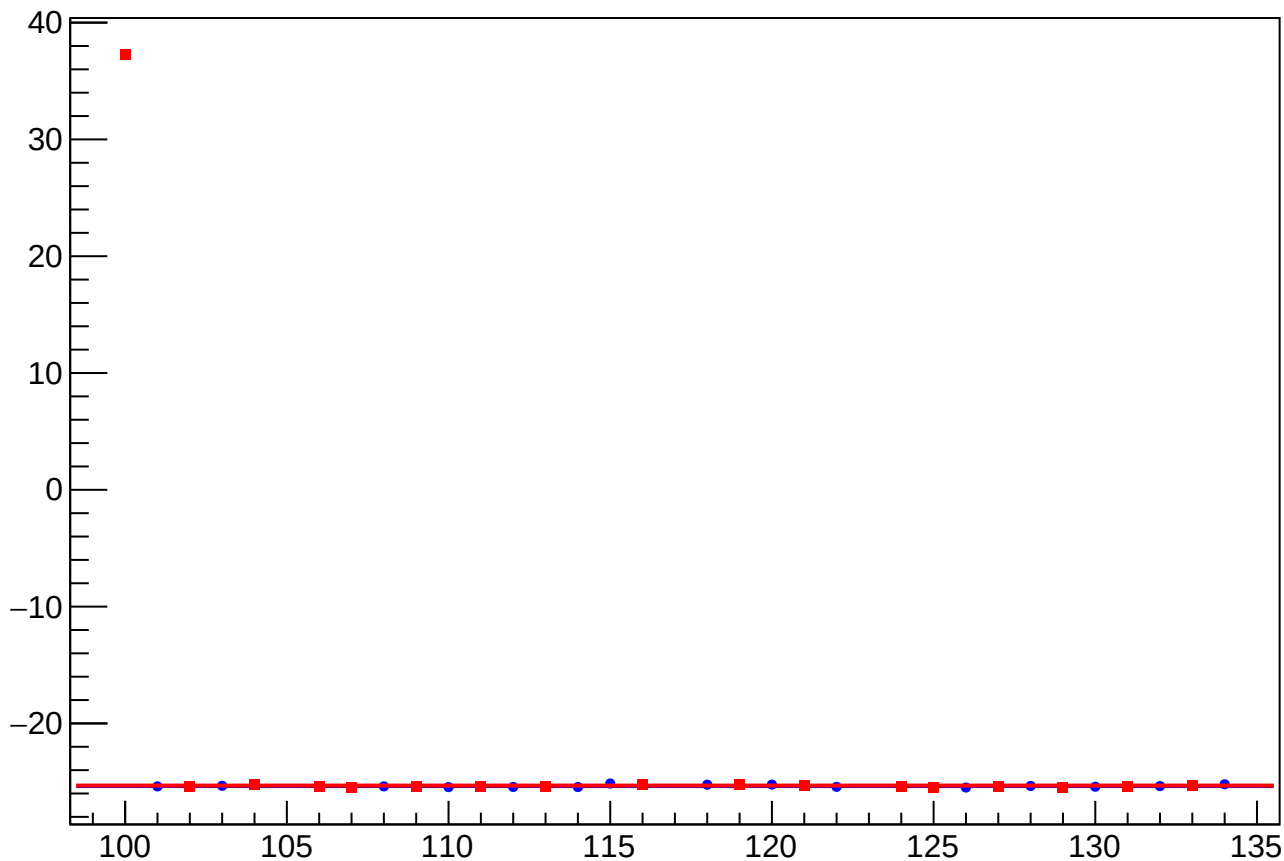
Right: 0.042+/-0.000 χ^2/NDF : 120124.1/30

In: 0.042+/-0.000 χ^2/NDF : 20656.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 120124.1/30

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.365+/-0.000 χ^2/NDF : 13009948.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.323+/-0.000 χ^2/NDF : 6314720835.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

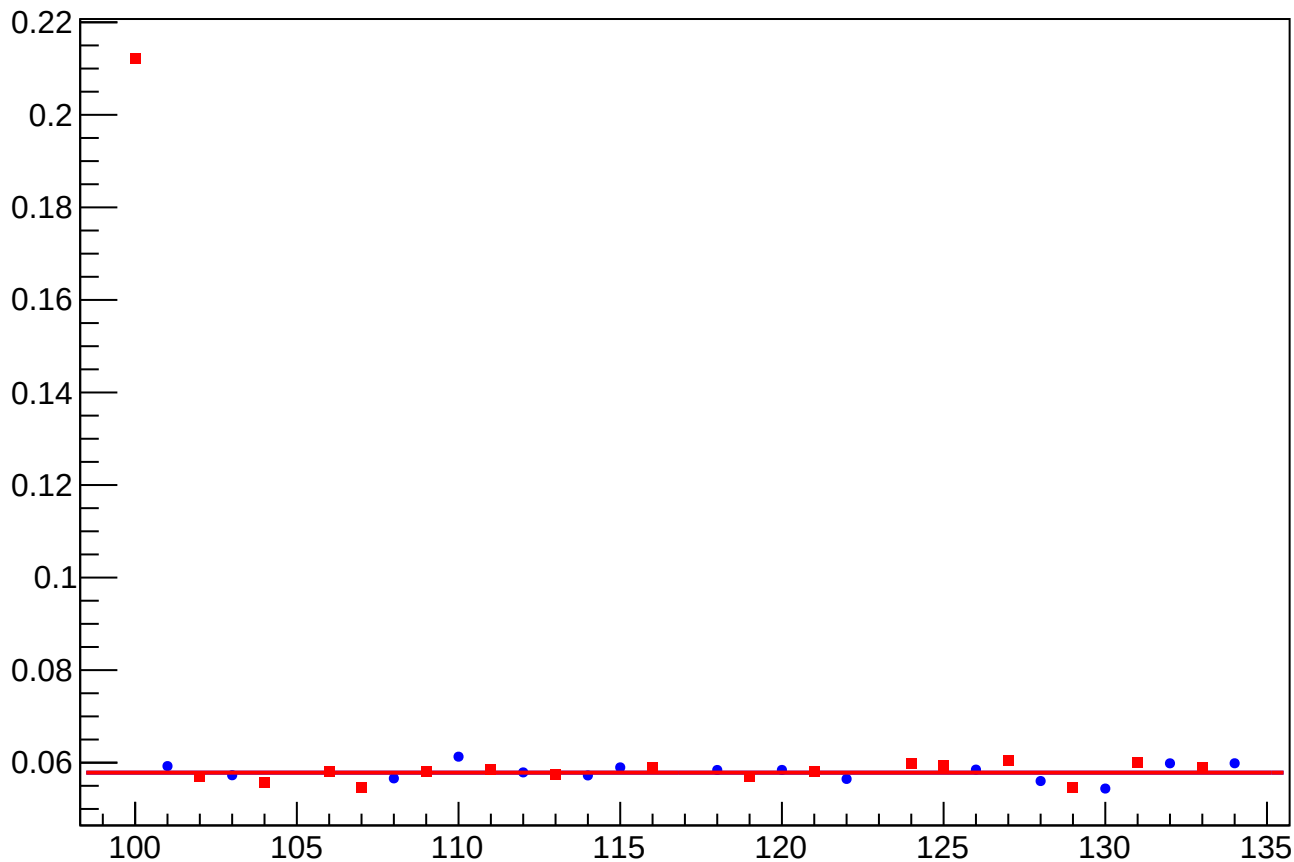
Right: -25.343+/-0.000 χ^2/NDF : 6329397219.6/31

In: -25.365+/-0.000 χ^2/NDF : 13009948.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.343+/-0.000 χ^2/NDF : 6329397219.6/31

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 11205.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 87139.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

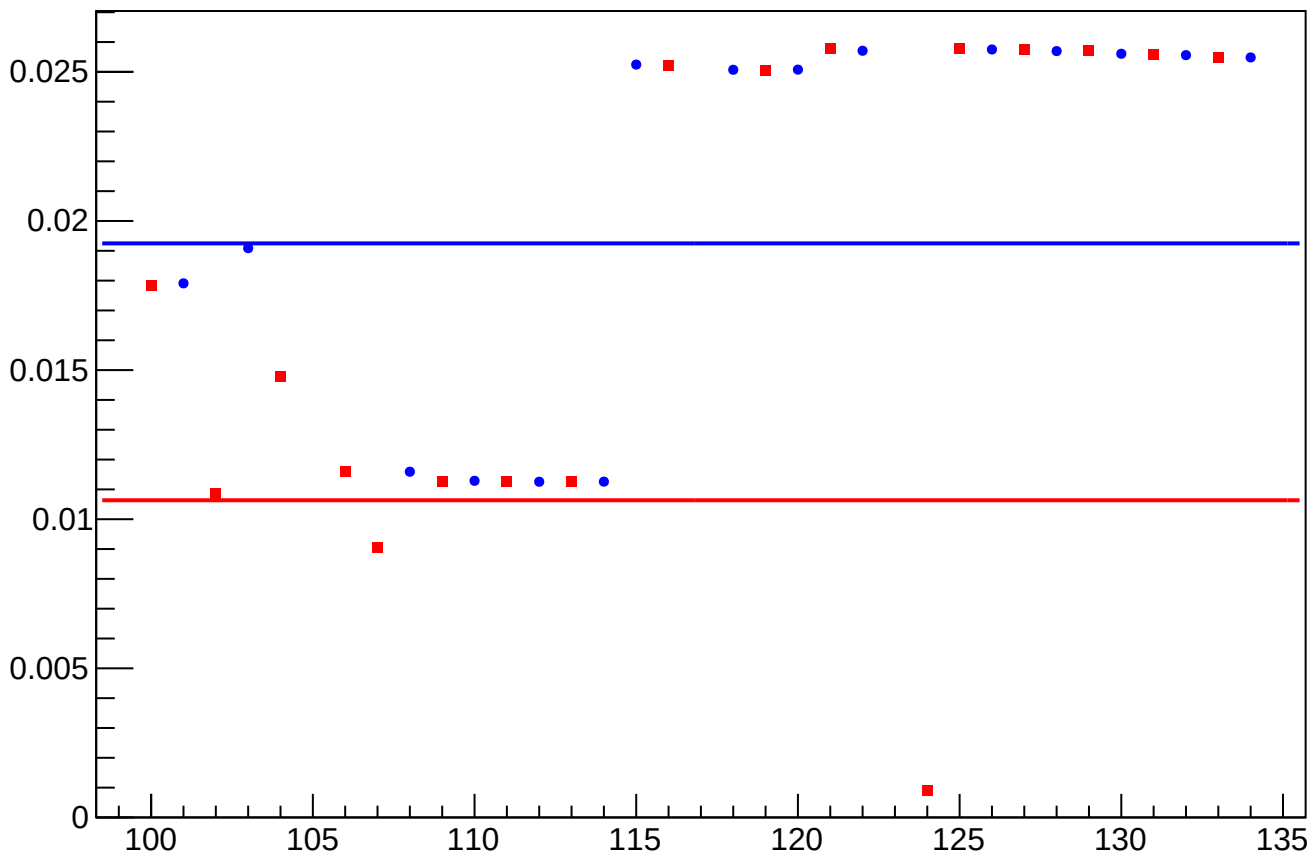
Right: 0.058+/-0.000 χ^2/NDF : 98344.7/31

In: 0.058+/-0.000 χ^2/NDF : 11205.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 98344.7/31

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.000

χ^2/NDF : 57070823432.6/14

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 347947733094.3/31

Right Out: 0.011+/-0.000

χ^2/NDF : 226319236424.4/16

In: 0.019+/-0.000

χ^2/NDF : 57070823432.6/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

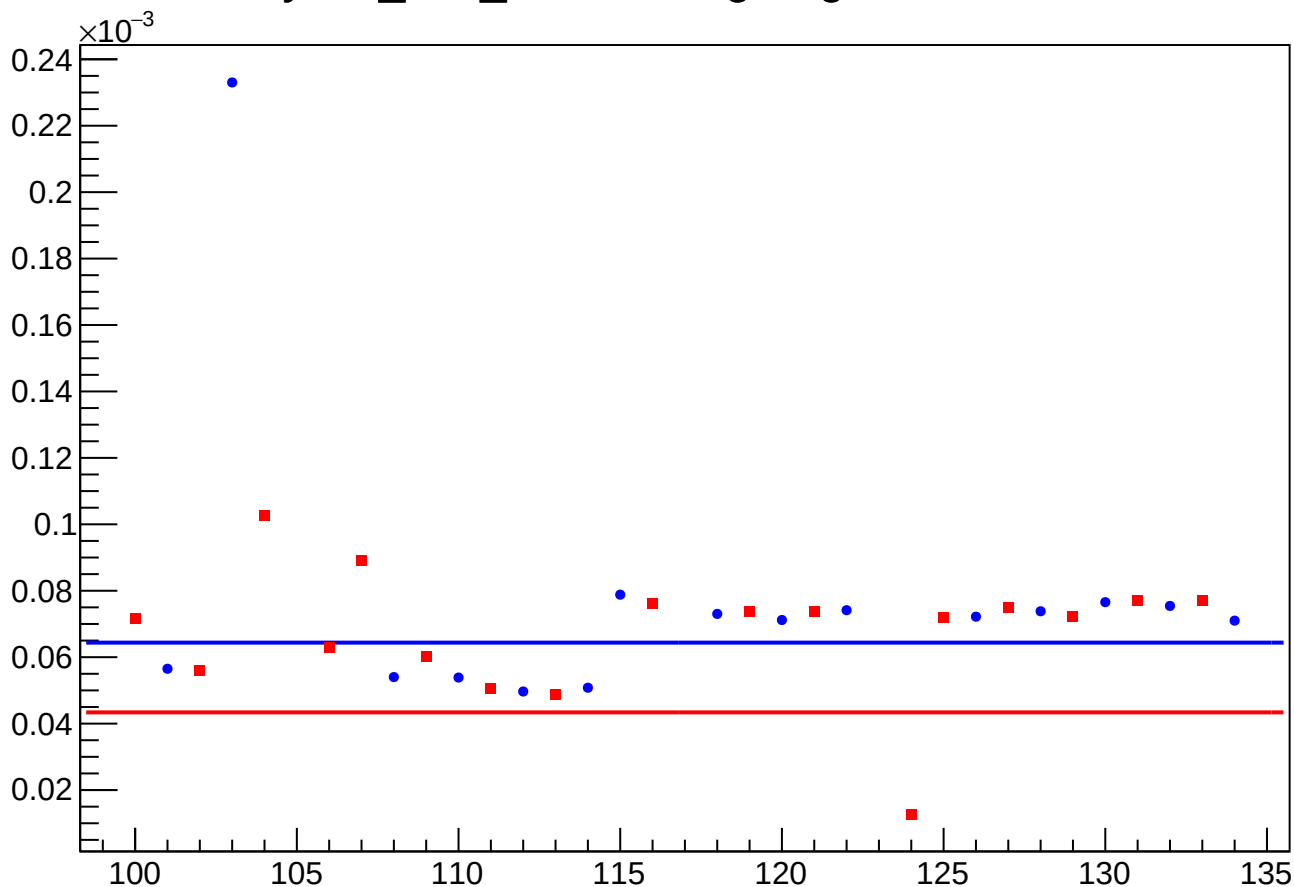
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 347947733094.3

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 811348.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3572887.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

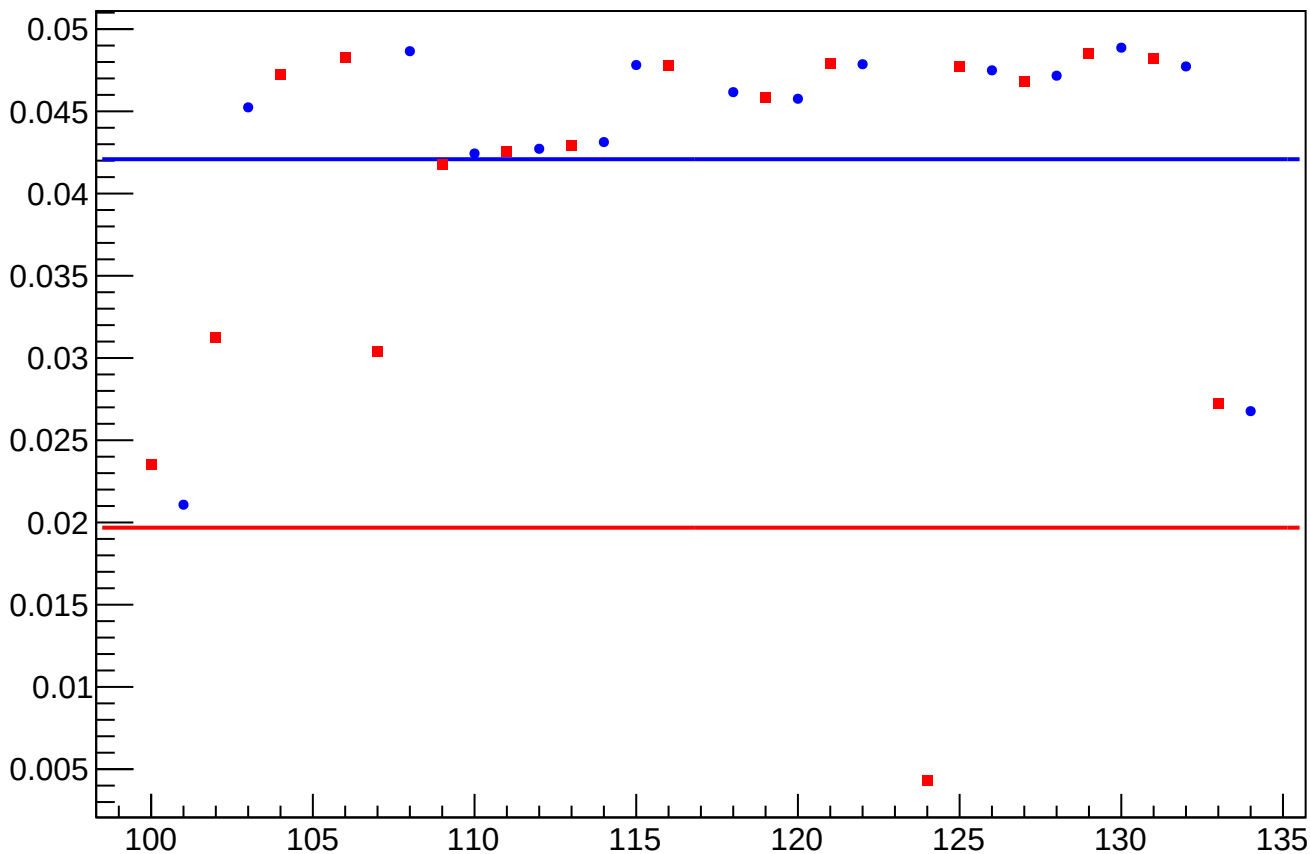
Right: 0.000+/-0.000 χ^2/NDF : 5151630.7/31

In: 0.000+/-0.000 χ^2/NDF : 811348.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5151630.7/31

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.000

χ^2/NDF : 3980971518.8/14

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.026+/-0.000

χ^2/NDF : 62596481865.2/31

Right Out: 0.020+/-0.000

χ^2/NDF : 42006756446.1/16

In: 0.042+/-0.000

χ^2/NDF : 3980971518.8/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

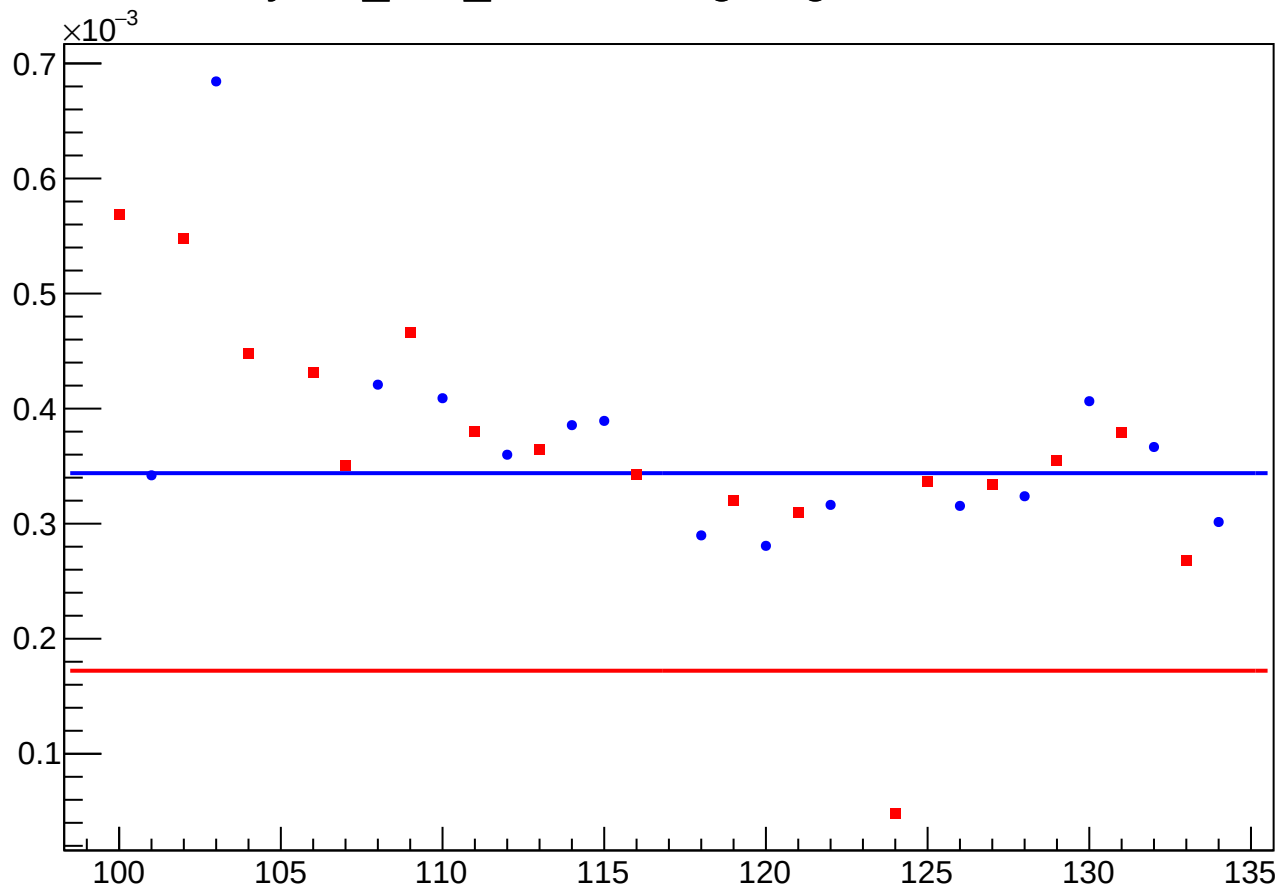
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.026+/-0.000

χ^2/NDF : 62596481865.2/31

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 446061.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5528162.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

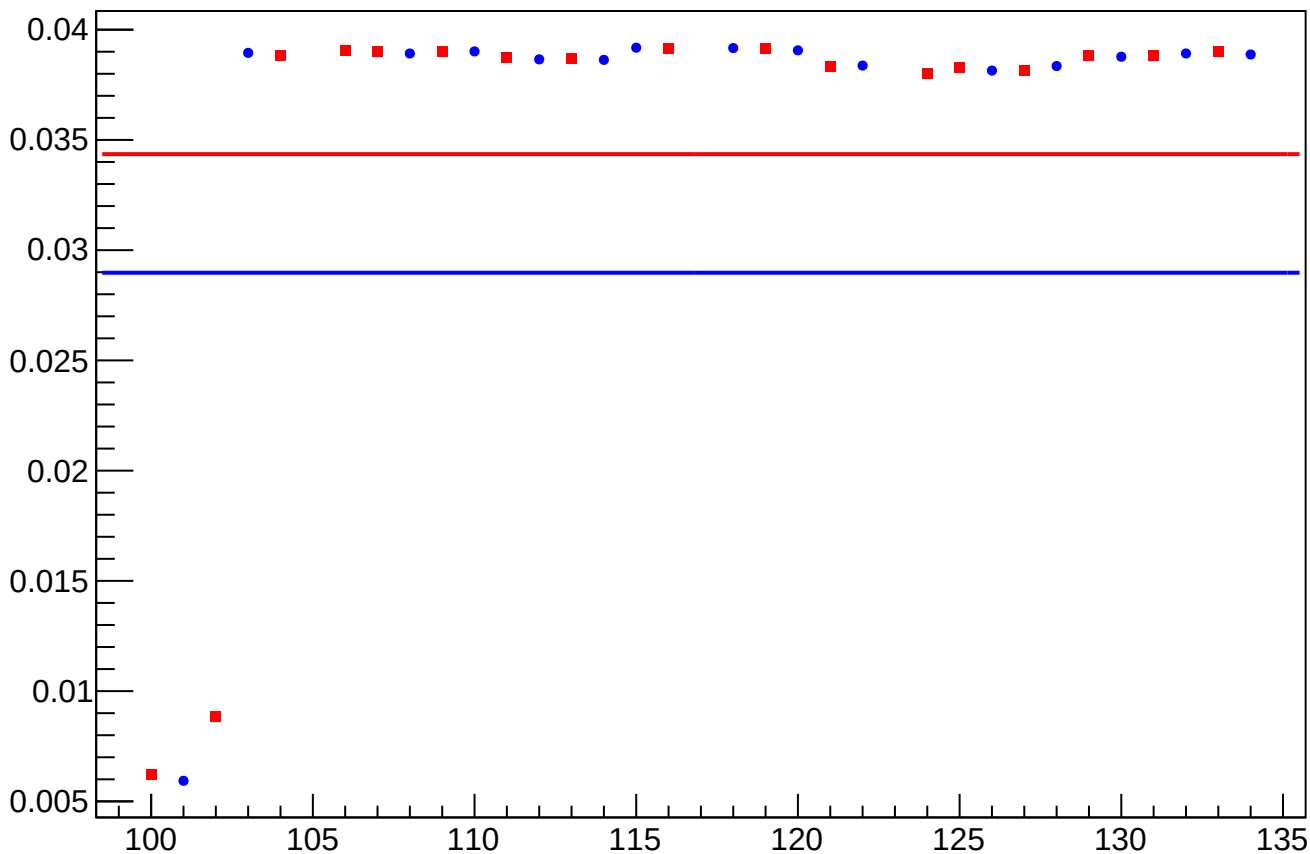
Right: 0.000+/-0.000 χ^2/NDF : 7925254.7/31

In: 0.000+/-0.000 χ^2/NDF : 446061.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7925254.7/31

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 103471235439.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.000 χ^2/NDF : 46378016644.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

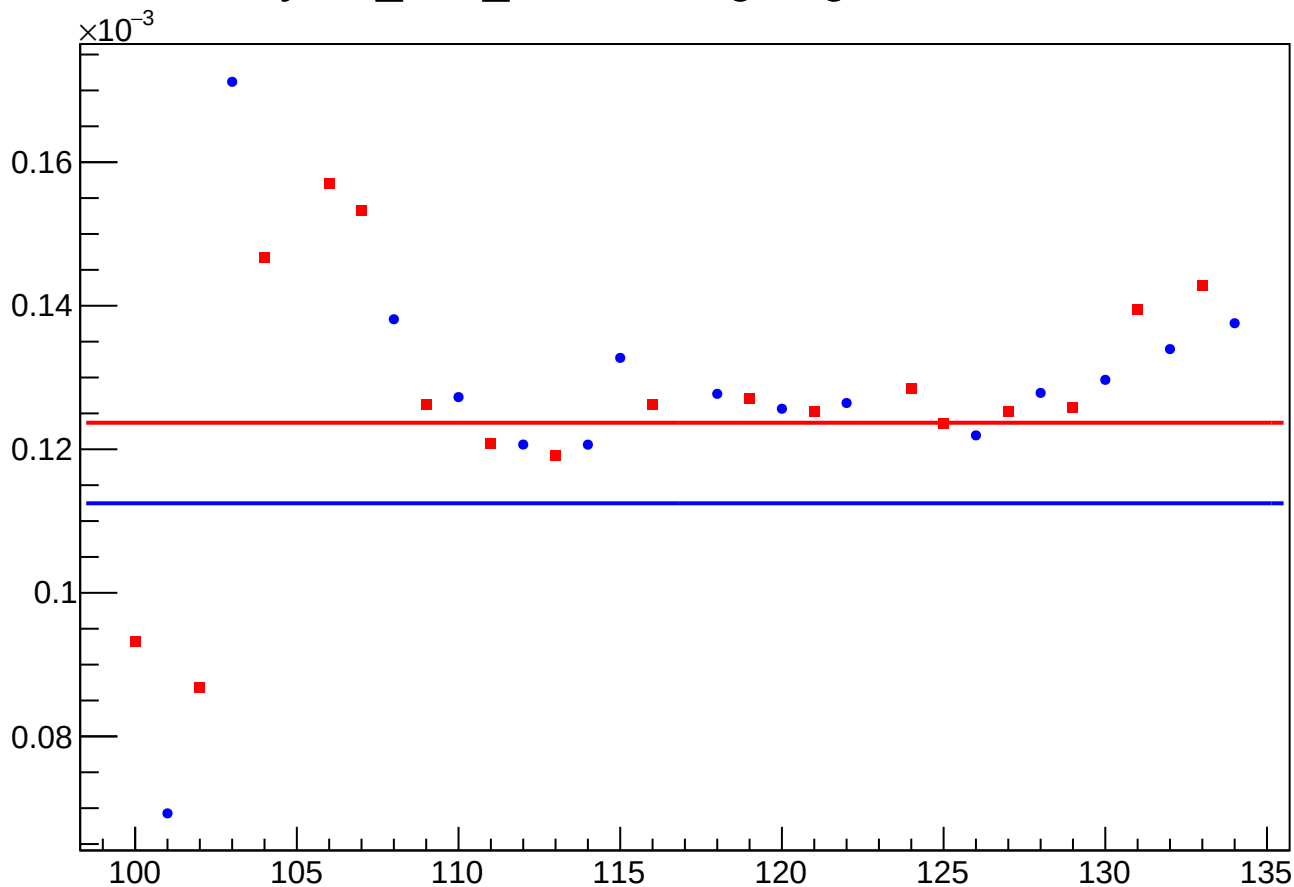
Right: 0.032+/-0.000 χ^2/NDF : 156098717483.2/31

In: 0.029+/-0.000 χ^2/NDF : 103471235439.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.000 χ^2/NDF : 156098717483.2

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 815240.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 251467.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

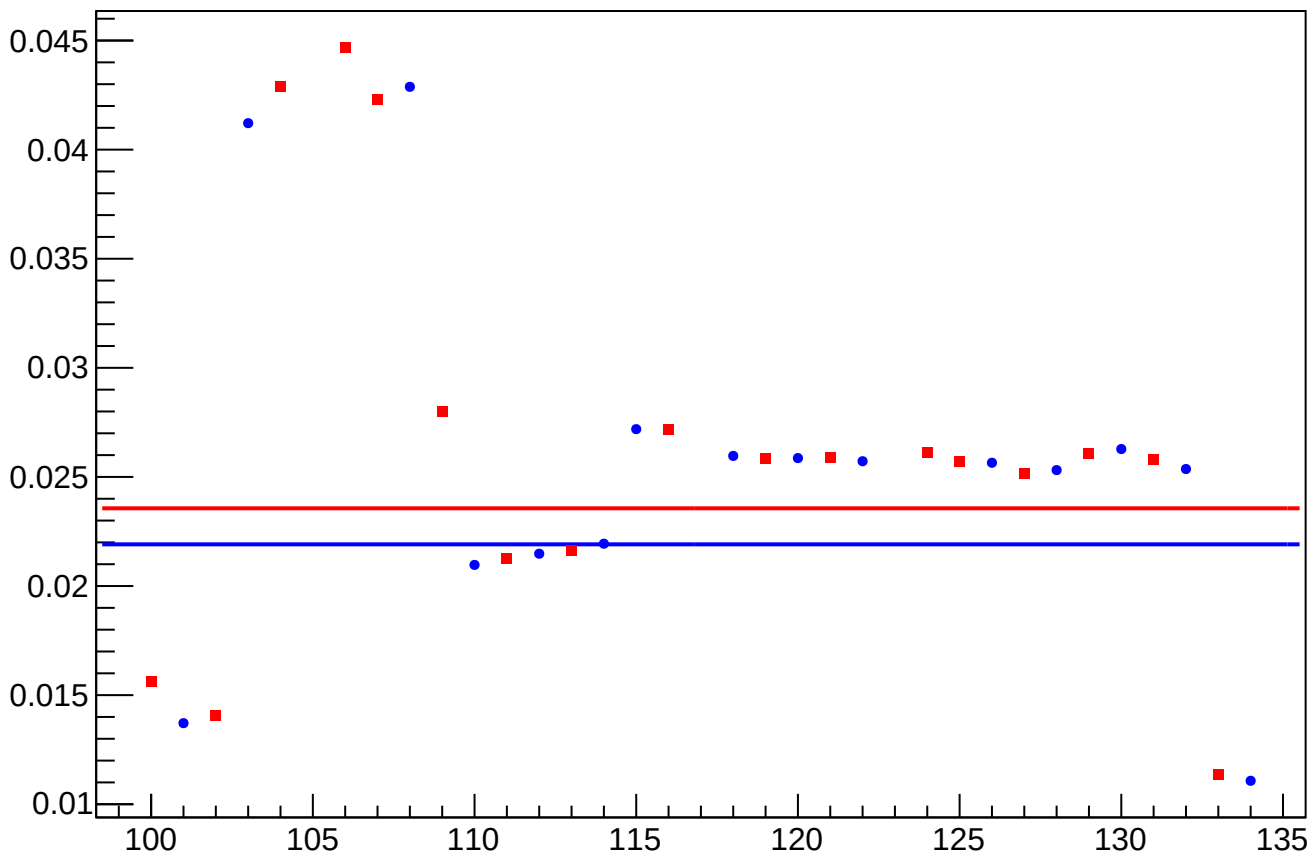
Right: 0.000+/-0.000 χ^2/NDF : 1121153.9/31

In: 0.000+/-0.000 χ^2/NDF :815240.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1121153.9/31

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000

χ^2/NDF : 4921552625.9/14

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.023+/-0.000 χ^2/NDF : 10601117687.1/31

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.022+/-0.000 χ^2/NDF : 4921552625.9/14

Right Out: 0.024+/-0.000

χ^2/NDF : 5569665732.0/16

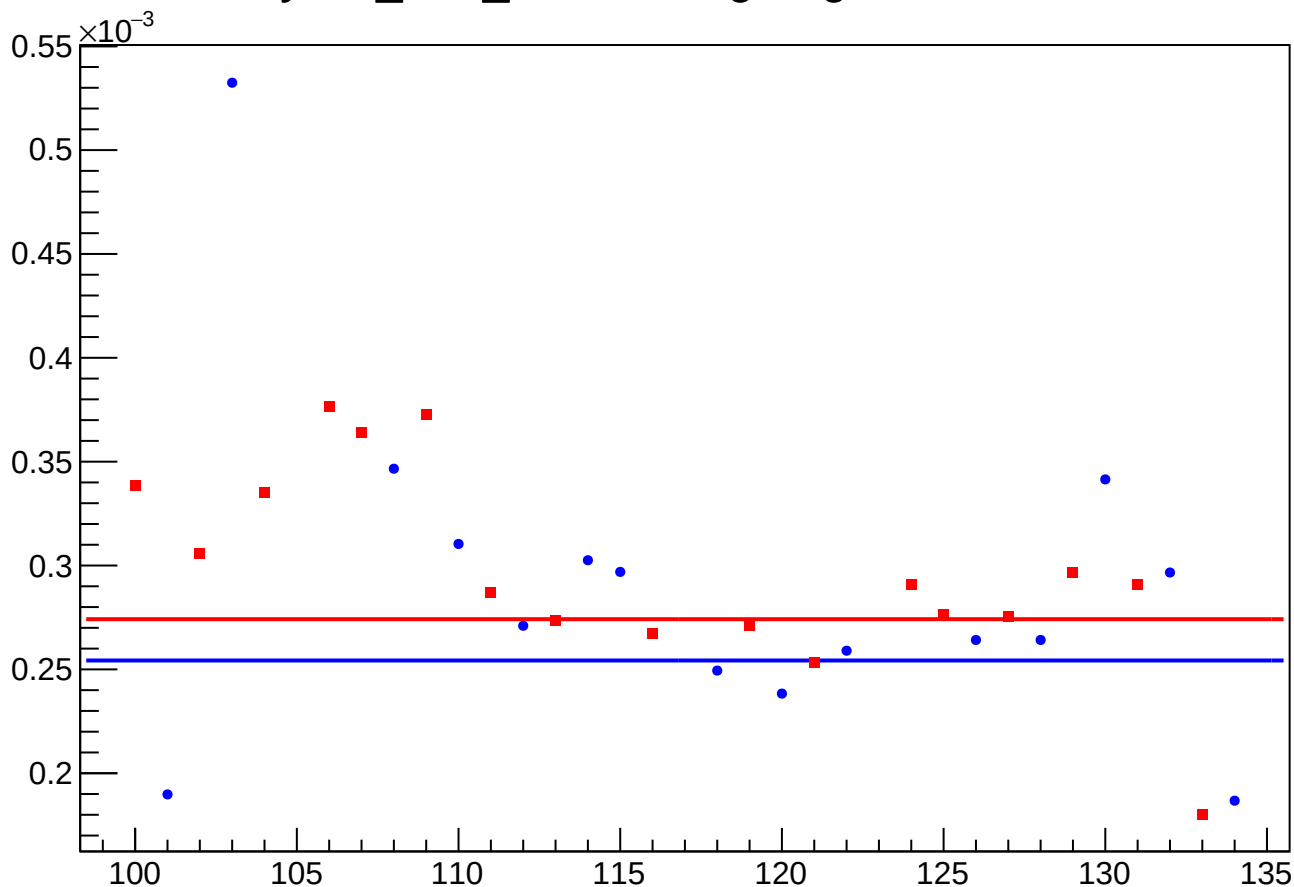
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 10601117687.1/31

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 703729.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 418713.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

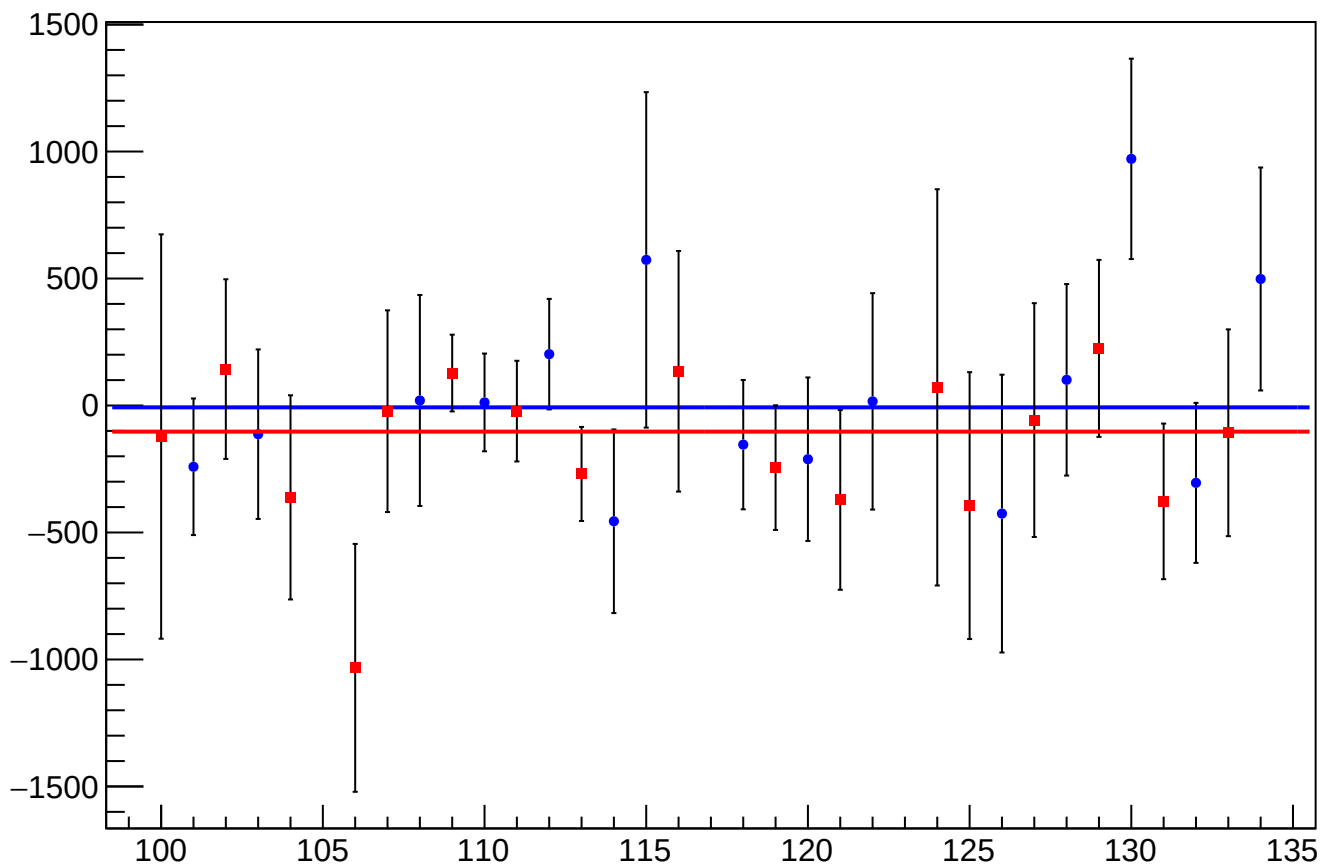
Right: 0.000+/-0.000 χ^2/NDF : 1154303.8/31

In: 0.000+/-0.000 χ^2/NDF :703729.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1154303.8/31

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -7.299 ± 81.834 $\chi^2/\text{NDF}: 13.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.902 ± 72.794 $\chi^2/\text{NDF}: 11.1/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

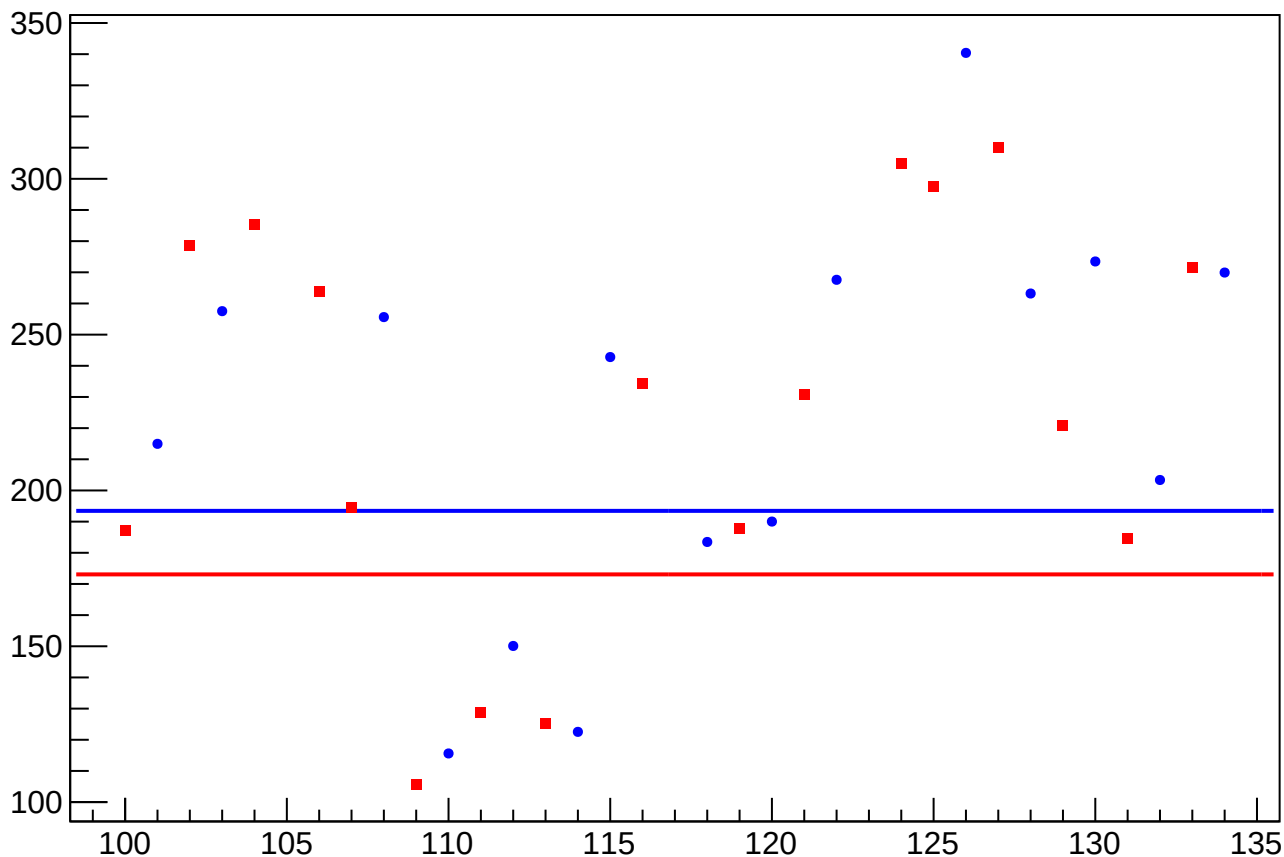
Right: -60.670 ± 54.390 $\chi^2/\text{NDF}: 25.7/31$

In: -7.299 ± 81.834 $\chi^2/\text{NDF}: 13.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -60.670 ± 54.390 $\chi^2/\text{NDF}: 25.7/31$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.452+/-0.058 χ^2/NDF : 1047871.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.068+/-0.051 χ^2/NDF : 1640214.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

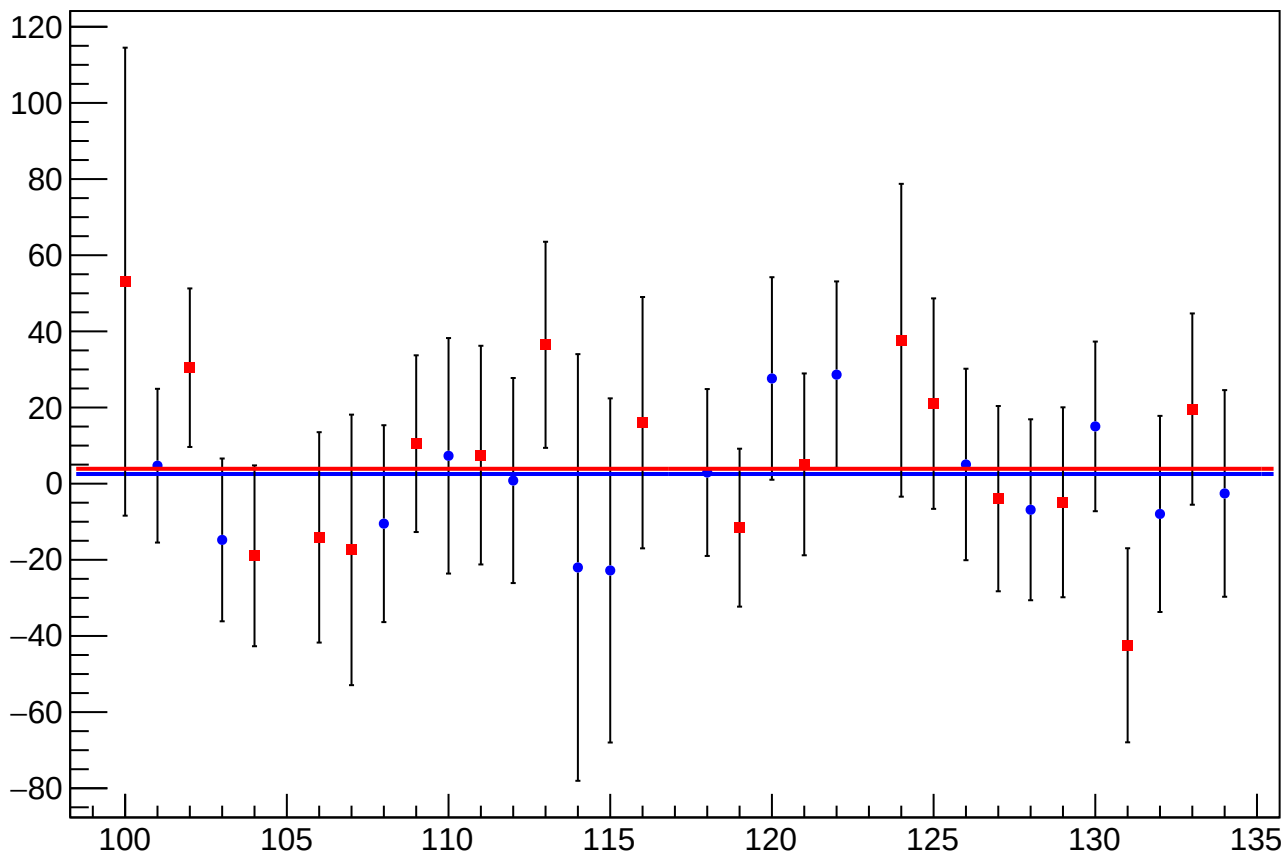
Right: 182.072+/-0.038 χ^2/NDF : 2757363.4/31

In: 193.452+/-0.058 χ^2/NDF : 1047871.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.072+/-0.038 χ^2/NDF : 2757363.4/31

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.536+/-6.628 χ^2/NDF : 4.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.908+/-6.428 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

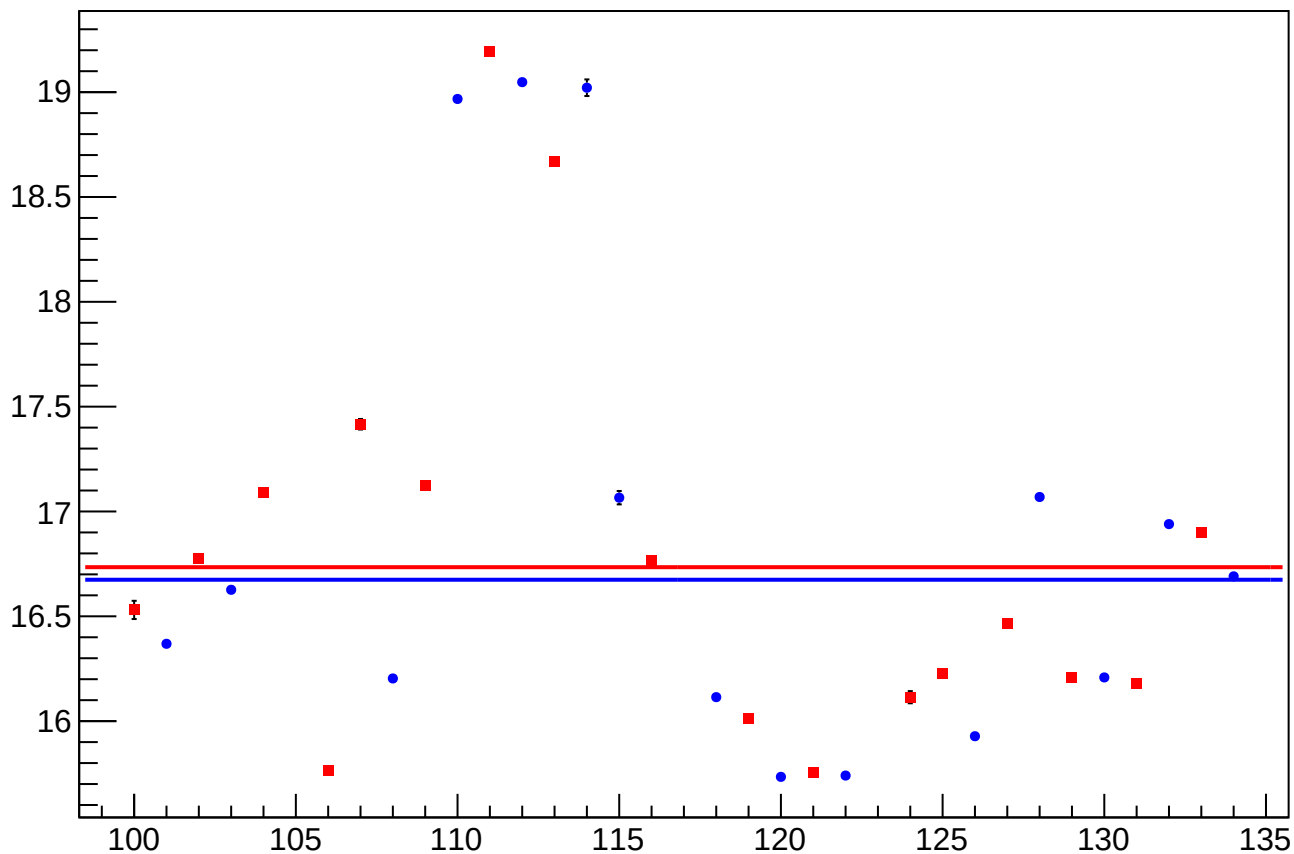
Right: 3.243+/-4.614 χ^2/NDF : 15.4/31

In: 2.536+/-6.628 χ^2/NDF : 4.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.243+/-4.614 χ^2/NDF : 15.4/31

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.674+/-0.005 χ^2/NDF : 41432.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.734+/-0.005 χ^2/NDF : 38189.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

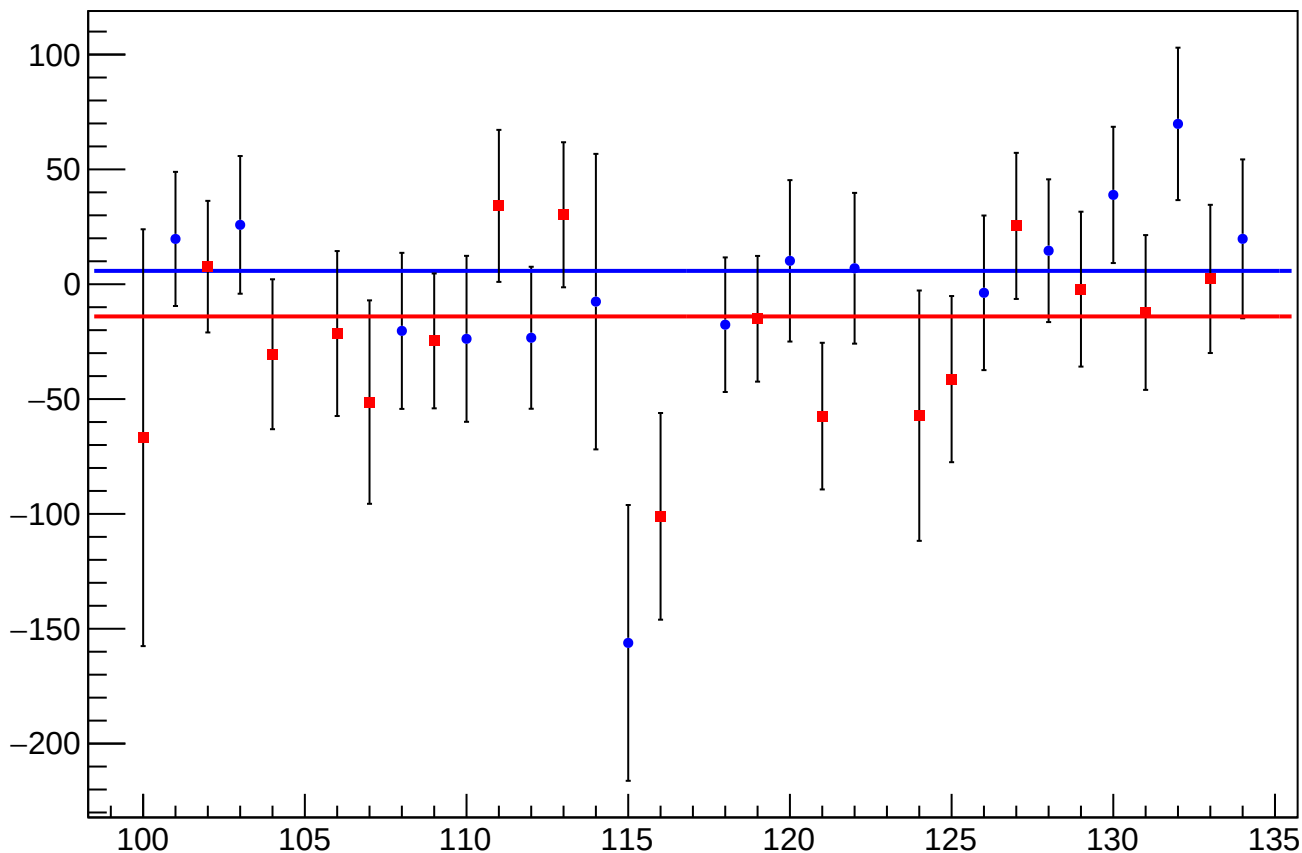
Right: 16.705+/-0.003 χ^2/NDF : 79706.4/31

In: 16.674+/-0.005 χ^2/NDF :41432.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.705+/-0.003 χ^2/NDF : 79706.4/31

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.812+/-8.709 χ^2/NDF : 16.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.021+/-8.374 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

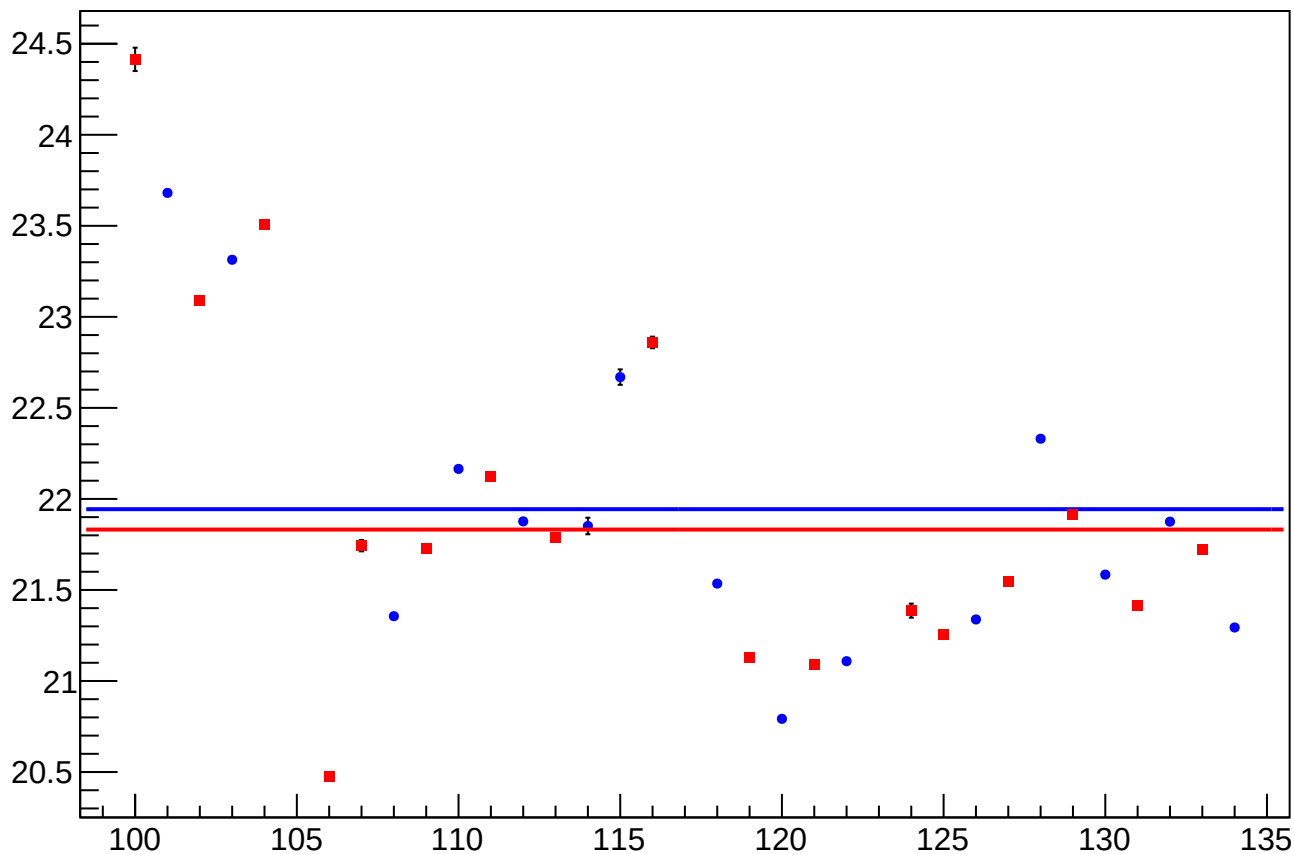
Right: -4.493+/-6.036 χ^2/NDF : 33.6/31

In: 5.812+/-8.709 χ^2/NDF : 16.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.493+/-6.036 χ^2/NDF : 33.6/31

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.944+/-0.006 χ^2/NDF : 18030.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.832+/-0.006 χ^2/NDF : 18390.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

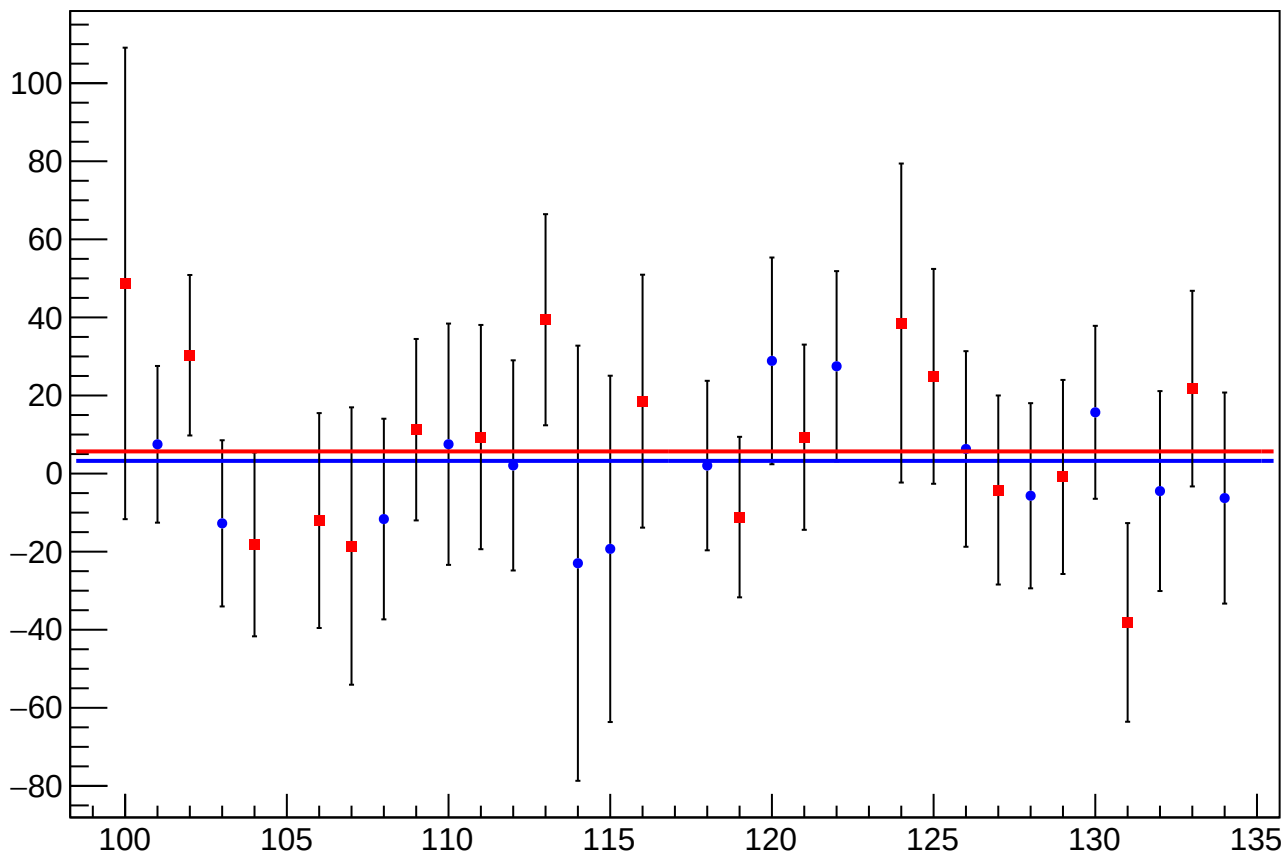
Right: 21.885+/-0.004 χ^2/NDF : 36592.3/31

In: 21.944+/-0.006 χ^2/NDF : 18030.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.885+/-0.004 χ^2/NDF : 36592.3/31

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.250+/-6.594 χ^2/NDF : 4.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.678+/-6.393 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

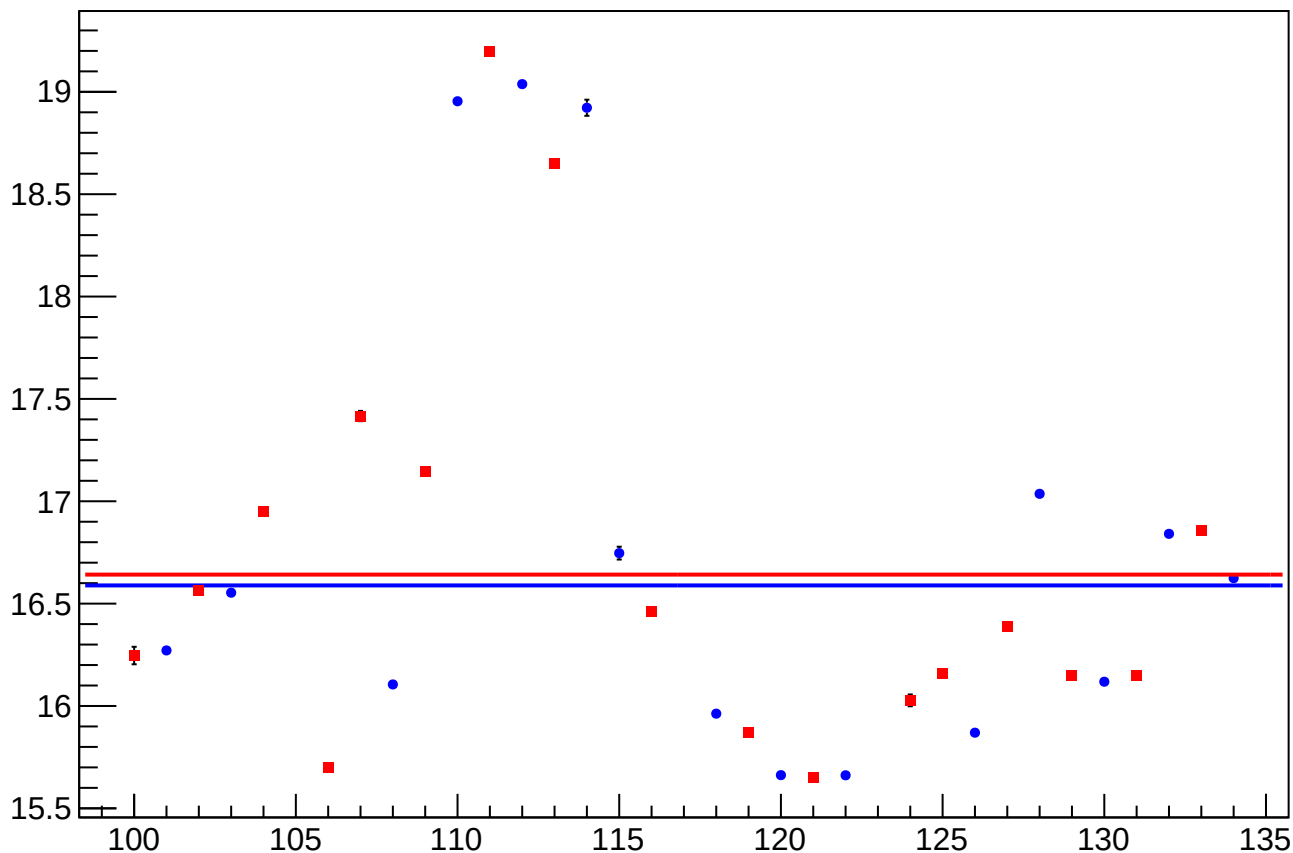
Right: 4.502+/-4.590 χ^2/NDF : 15.2/31

In: 3.250+/-6.594 χ^2/NDF : 4.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.502+/-4.590 χ^2/NDF : 15.2/31

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.589+/-0.005 χ^2/NDF : 43485.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.642+/-0.005 χ^2/NDF : 40869.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

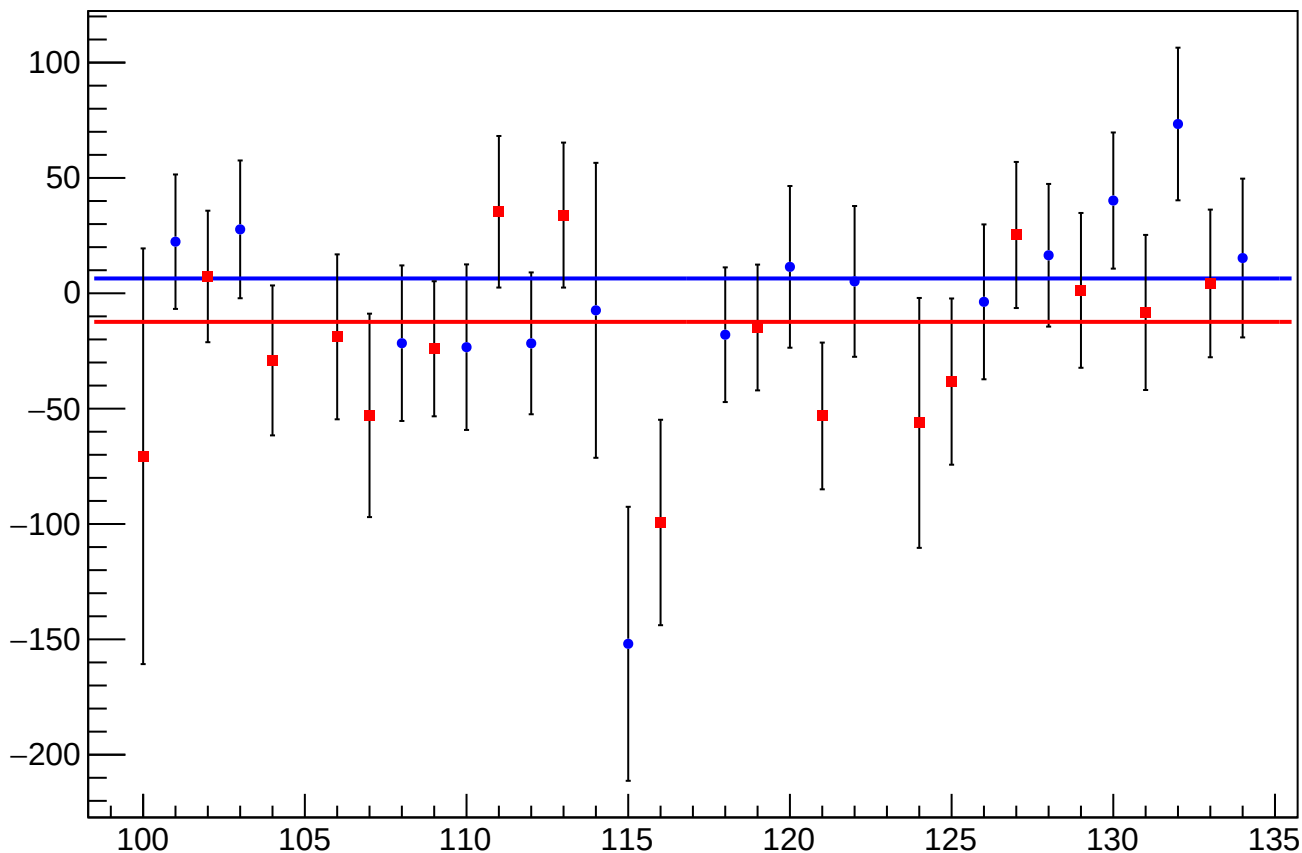
Right: 16.616+/-0.003 χ^2/NDF : 84420.4/31

In: 16.589+/-0.005 χ^2/NDF : 43485.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.616+/-0.003 χ^2/NDF : 84420.4/31

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.430+/-8.669 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.384+/-8.333 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

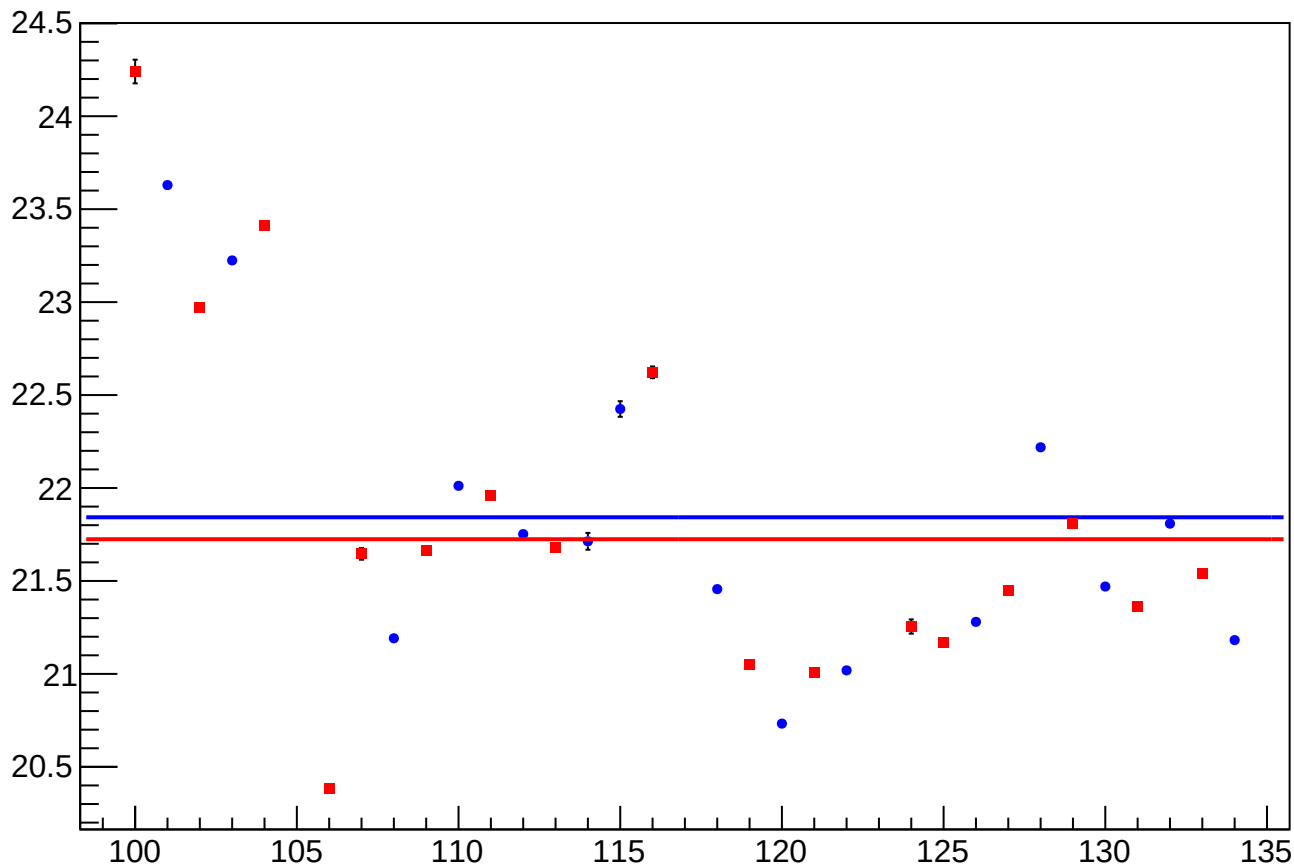
Right: -3.349+/-6.007 χ^2/NDF : 34.0/31

In: 6.430+/-8.669 χ^2/NDF : 16.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.349+/-6.007 χ^2/NDF : 34.0/31

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.843+/-0.006 χ^2/NDF : 18356.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.724+/-0.006 χ^2/NDF : 17869.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

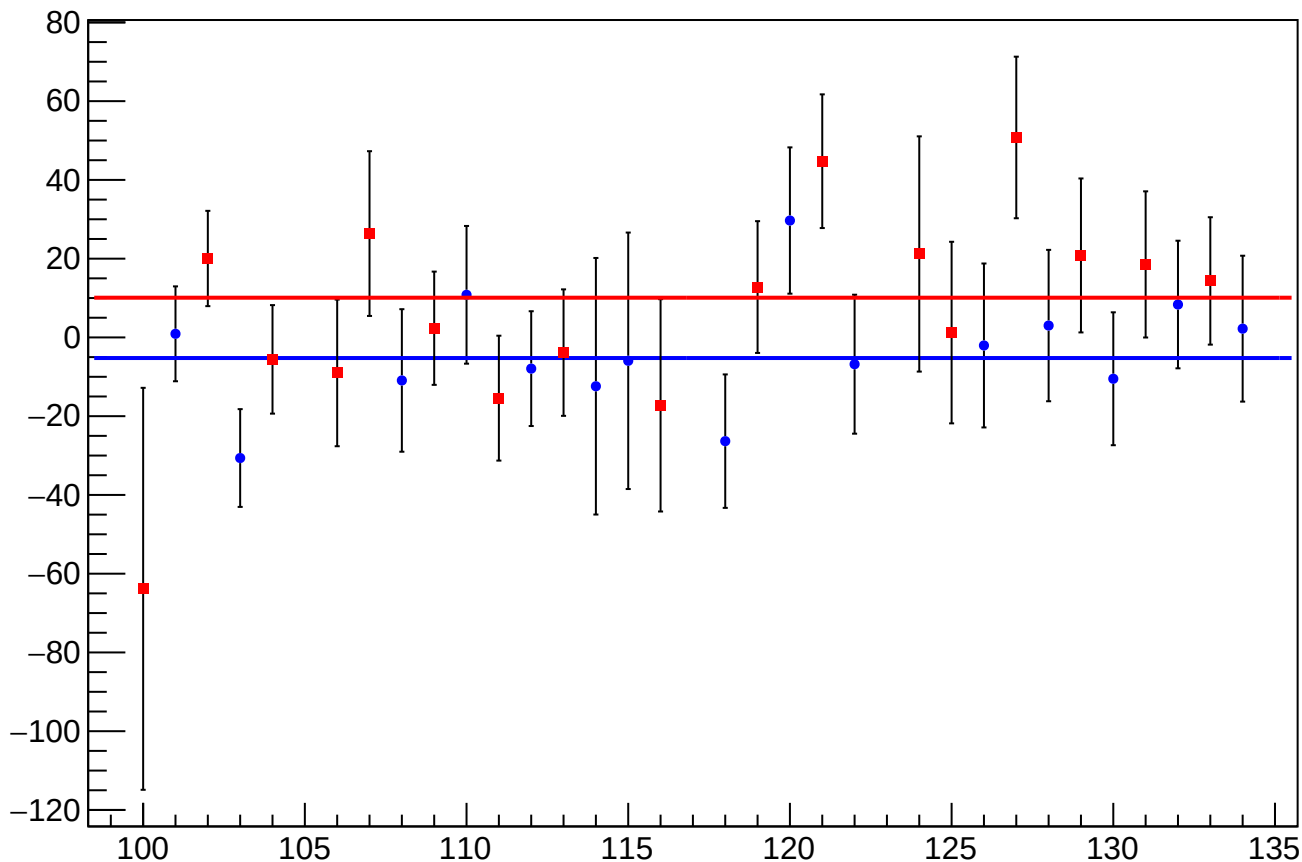
Right: 21.781+/-0.004 χ^2/NDF : 36418.8/31

In: 21.843+/-0.006 χ^2/NDF : 18356.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.781+/-0.004 χ^2/NDF : 36418.8/31

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.234+/-4.422 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.086+/-4.324 χ^2/NDF : 19.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

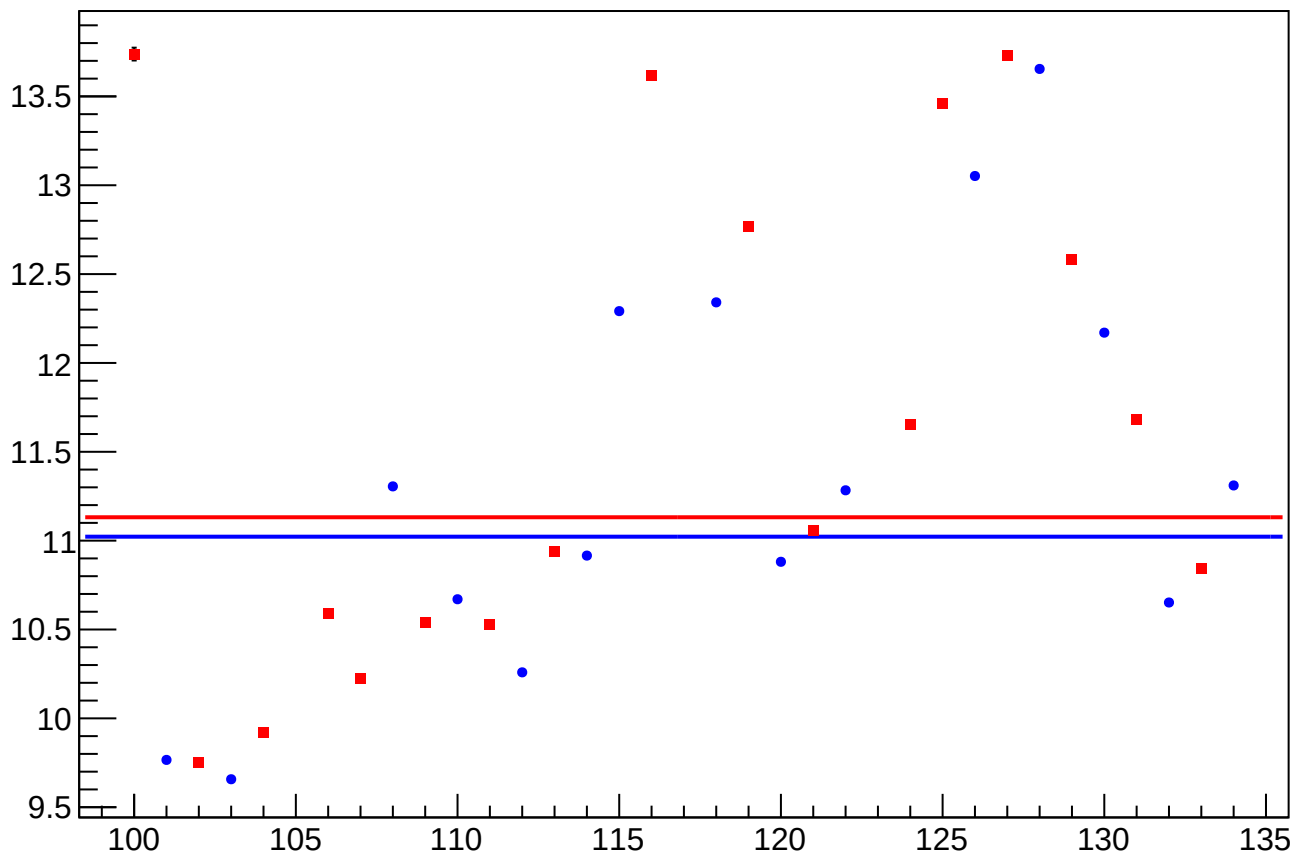
Right: 2.598+/-3.092 χ^2/NDF : 37.2/31

In: -5.234+/-4.422 χ^2/NDF : 11.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.598+/-3.092 χ^2/NDF : 37.2/31

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.022+/-0.003 χ^2/NDF : 135724.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.132+/-0.003 χ^2/NDF : 161350.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

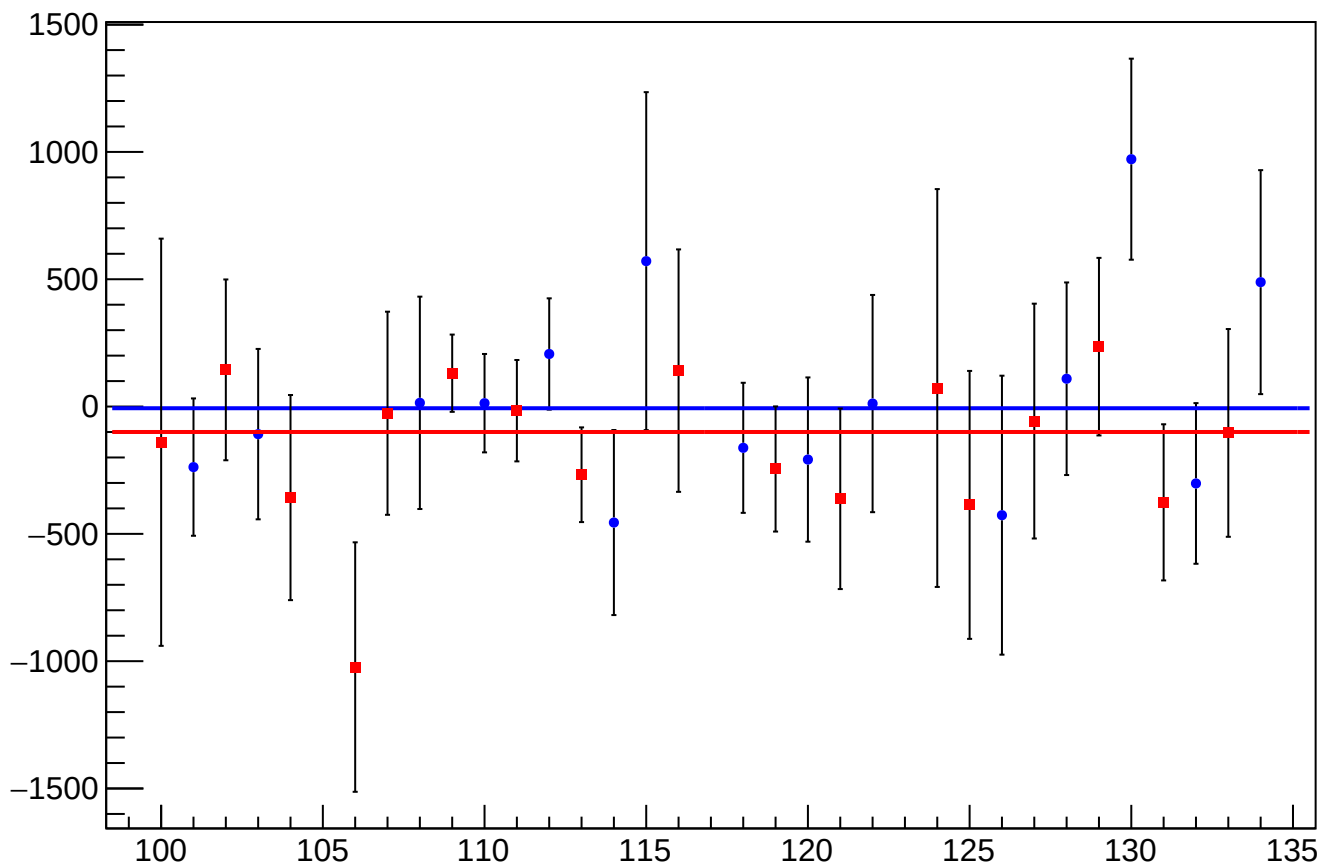
Right: 11.078+/-0.002 χ^2/NDF : 297699.8/31

In: 11.022+/-0.003 χ^2/NDF : 135724.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.078+/-0.002 χ^2/NDF : 297699.8/31

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -6.607 ± 82.093 $\chi^2/\text{NDF}: 13.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -99.886 ± 73.042 $\chi^2/\text{NDF}: 11.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

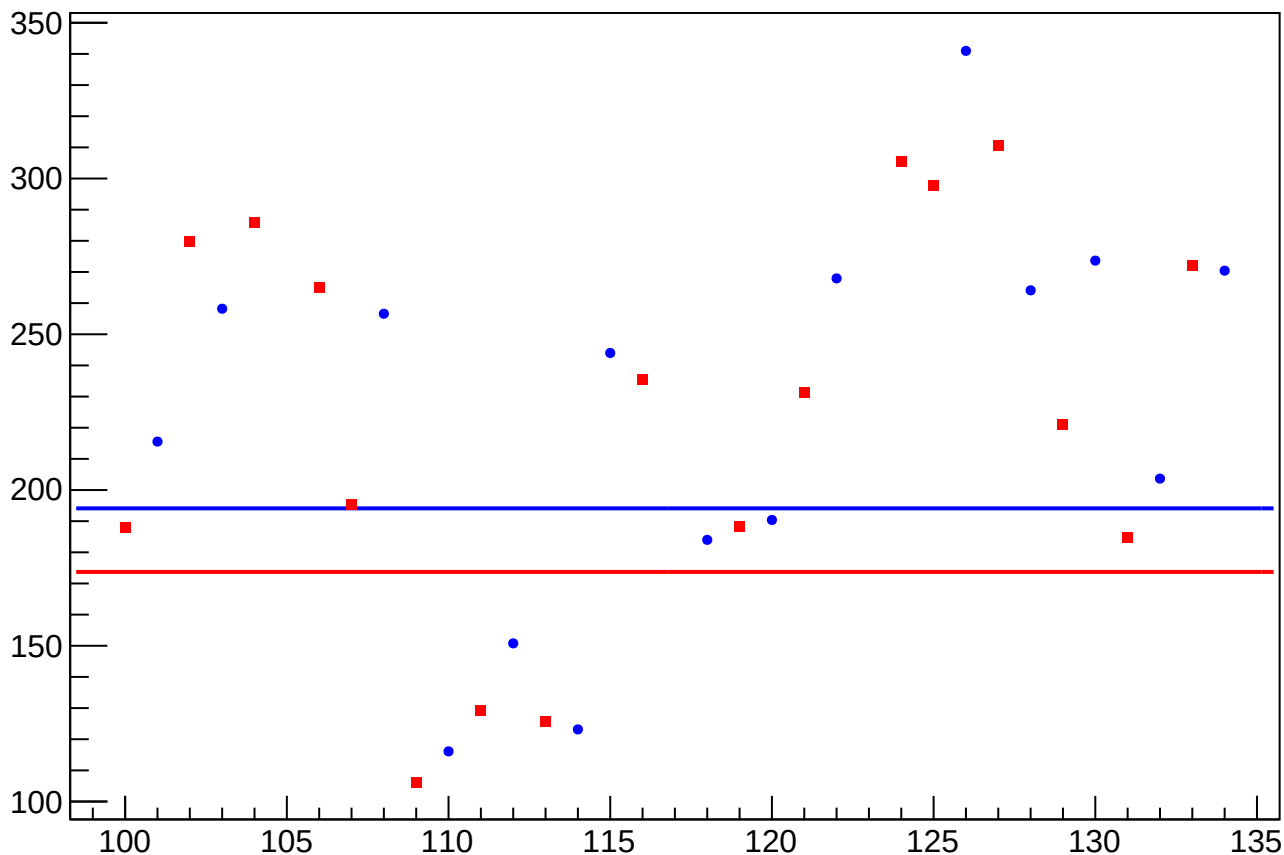
Right: -58.670 ± 54.569 $\chi^2/\text{NDF}: 25.5/31$

In: -6.607 ± 82.093 $\chi^2/\text{NDF}: 13.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.670 ± 54.569 $\chi^2/\text{NDF}: 25.5/31$

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.115+/-0.058 χ^2/NDF : 1041862.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.714+/-0.052 χ^2/NDF : 1632634.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

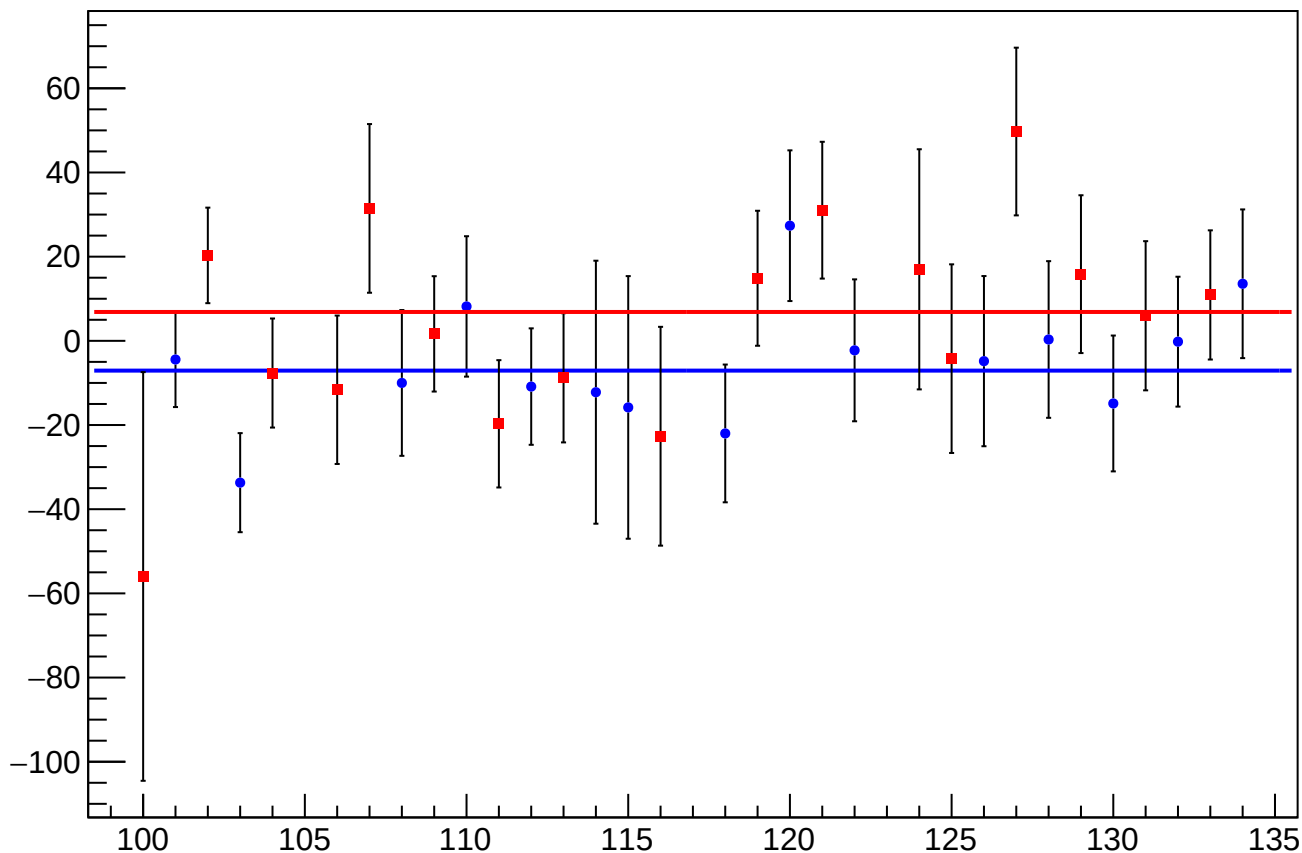
Right: 182.728+/-0.039 χ^2/NDF : 2743439.1/31

In: 194.115+/-0.058 χ^2/NDF : 1041862.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.728+/-0.039 χ^2/NDF : 2743439.1/31

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.074+/-4.218 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.860+/-4.118 χ^2/NDF : 20.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

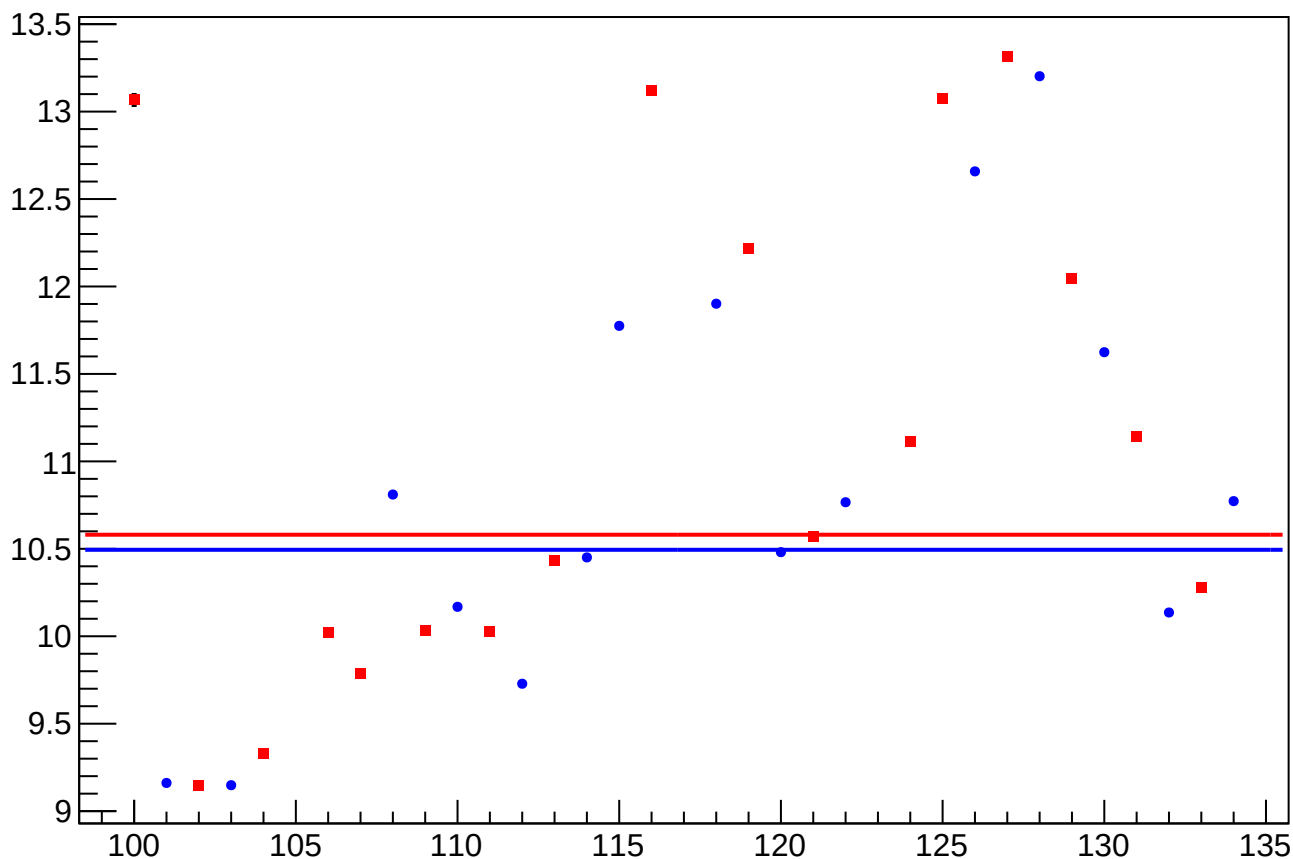
Right: 0.060+/-2.947 χ^2/NDF : 38.6/31

In: -7.074+/-4.218 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-2.947 χ^2/NDF : 38.6/31

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.494+/-0.003 χ^2/NDF : 156868.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.581+/-0.003 χ^2/NDF : 185124.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

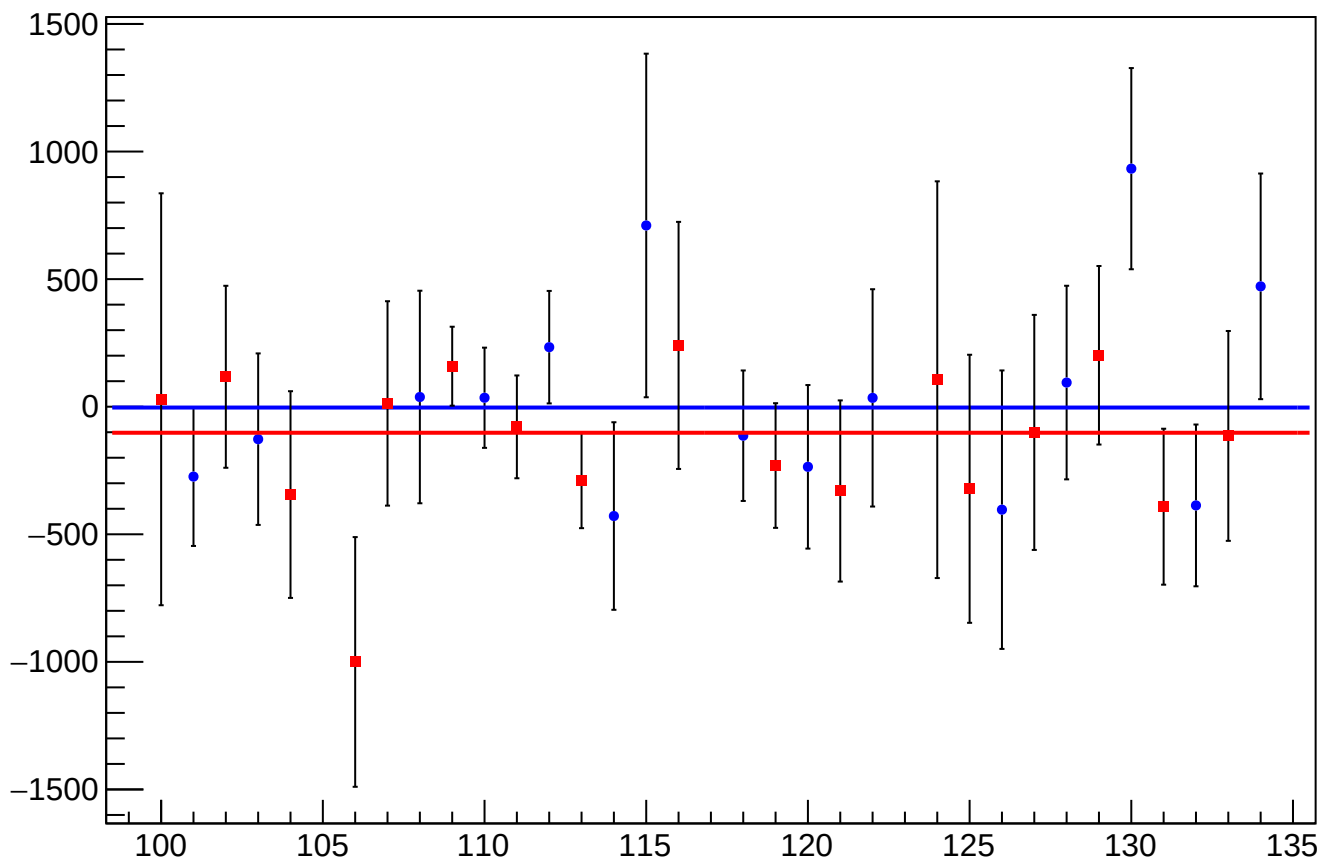
Right: 10.538+/-0.002 χ^2/NDF : 342420.2/31

In: 10.494+/-0.003 χ^2/NDF : 156868.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.538+/-0.002 χ^2/NDF : 342420.2/31

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -3.266 ± 82.581 $\chi^2/\text{NDF}: 14.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.083 ± 73.659 $\chi^2/\text{NDF}: 11.1/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

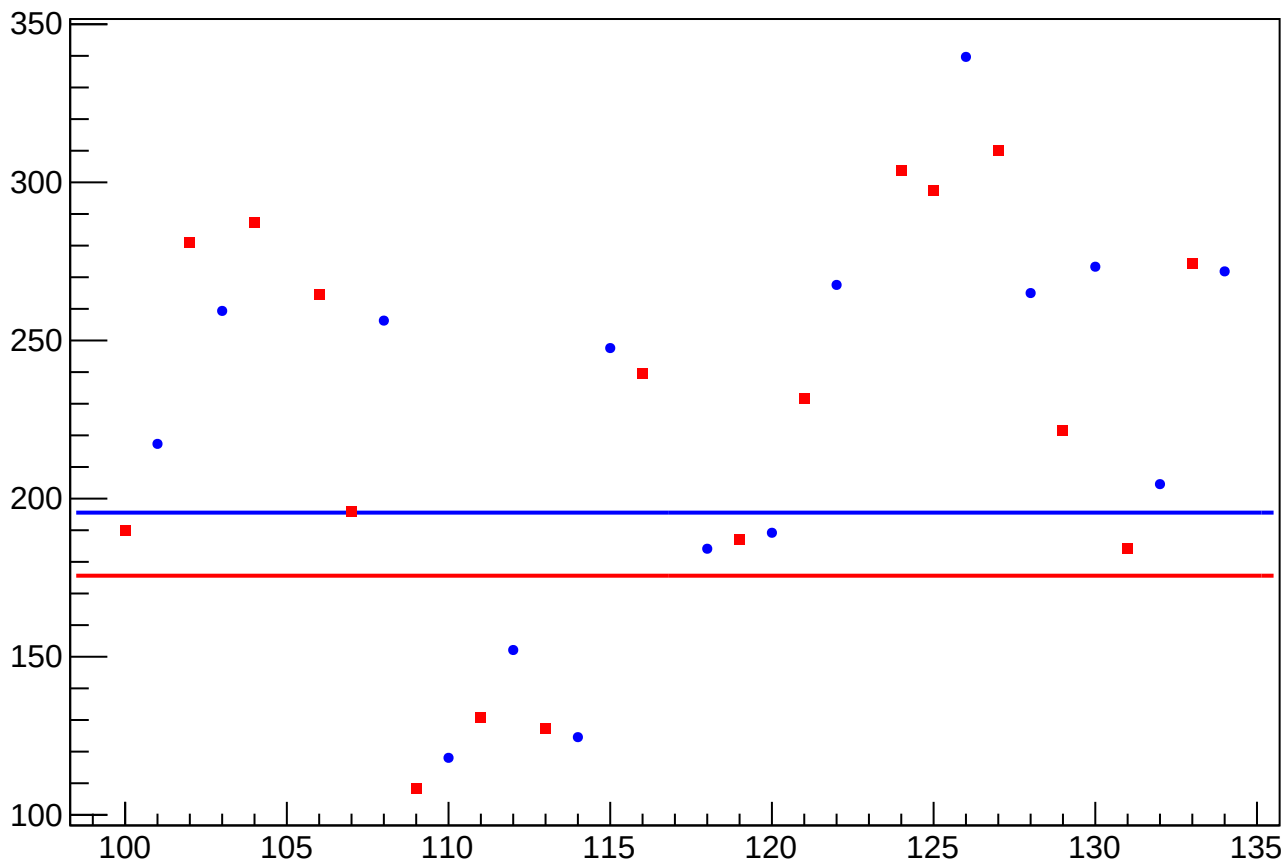
Right: -58.299 ± 54.969 $\chi^2/\text{NDF}: 26.3/31$

In: -3.266 ± 82.581 $\chi^2/\text{NDF}: 14.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.299 ± 54.969 $\chi^2/\text{NDF}: 26.3/31$

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.571+/-0.058 χ^2/NDF : 1010773.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.627+/-0.052 χ^2/NDF : 1581690.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

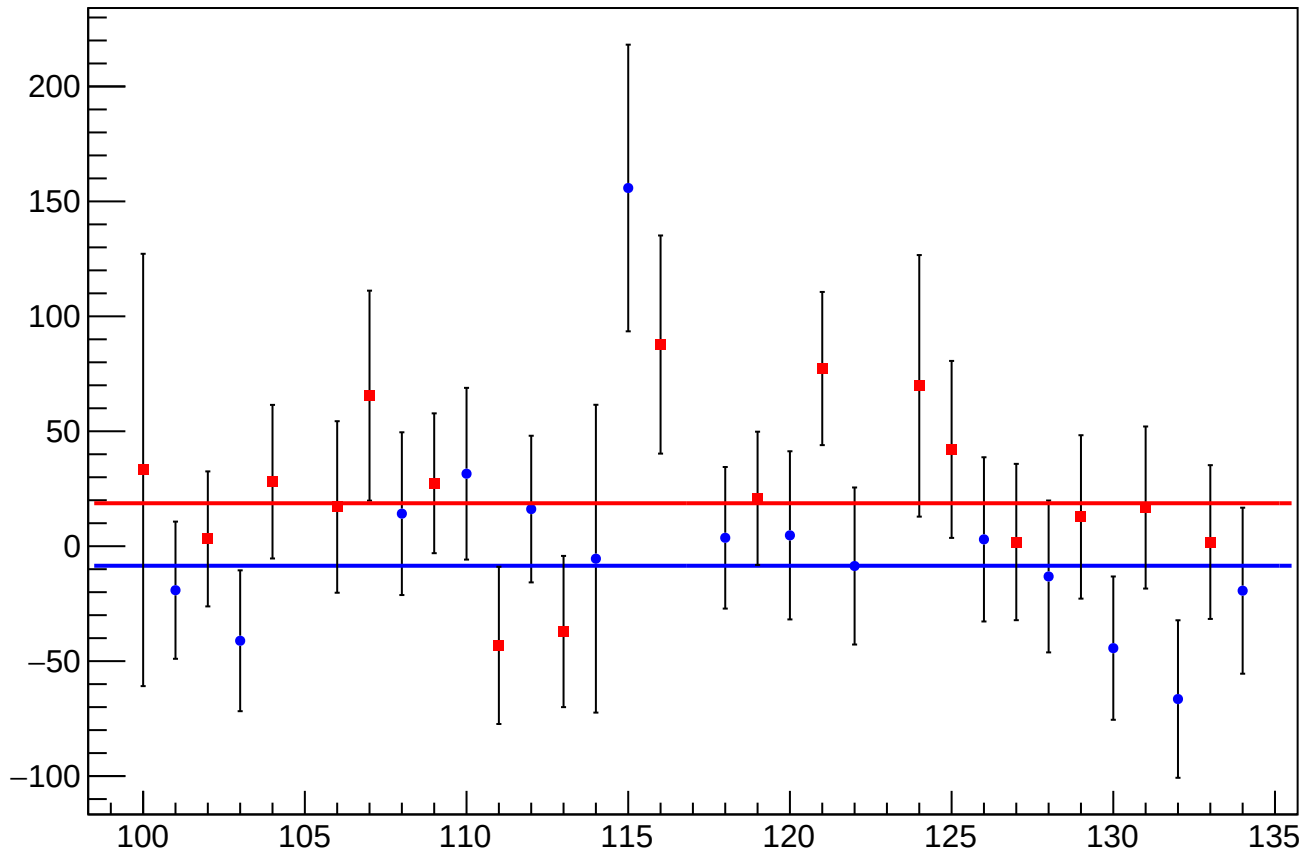
Right: 184.464+/-0.039 χ^2/NDF : 2657428.7/31

In: 195.571+/-0.058 χ^2/NDF : 1010773.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.464+/-0.039 χ^2/NDF : 2657428.7/31

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.504 ± 9.064 χ^2/NDF : 15.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.689 ± 8.737 χ^2/NDF : 14.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

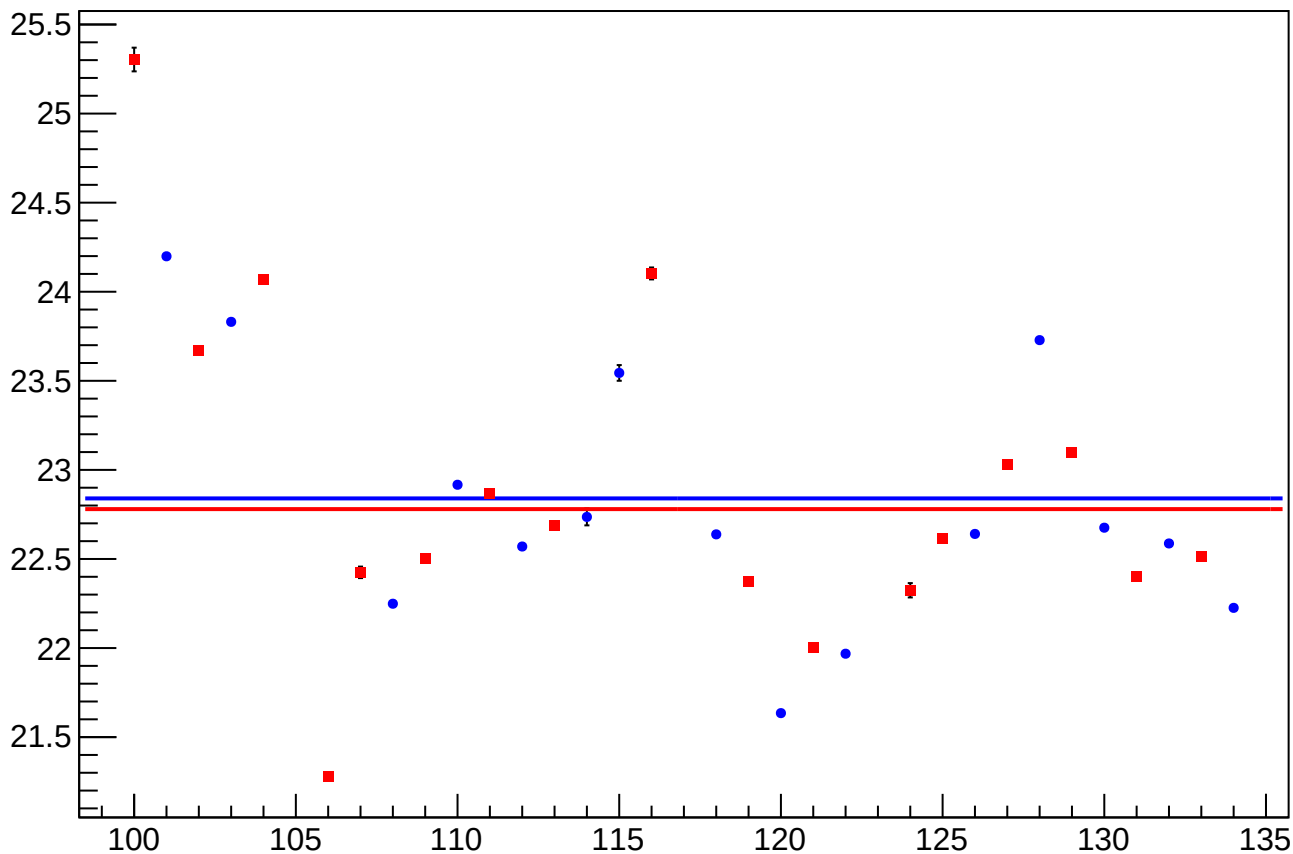
Right: 5.591 ± 6.290 χ^2/NDF : 34.3/31

In: -8.504 ± 9.064 χ^2/NDF : 15.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.591 ± 6.290 χ^2/NDF : 34.3/31

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.840+/-0.006 χ^2/NDF : 13022.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.780+/-0.006 χ^2/NDF : 13603.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

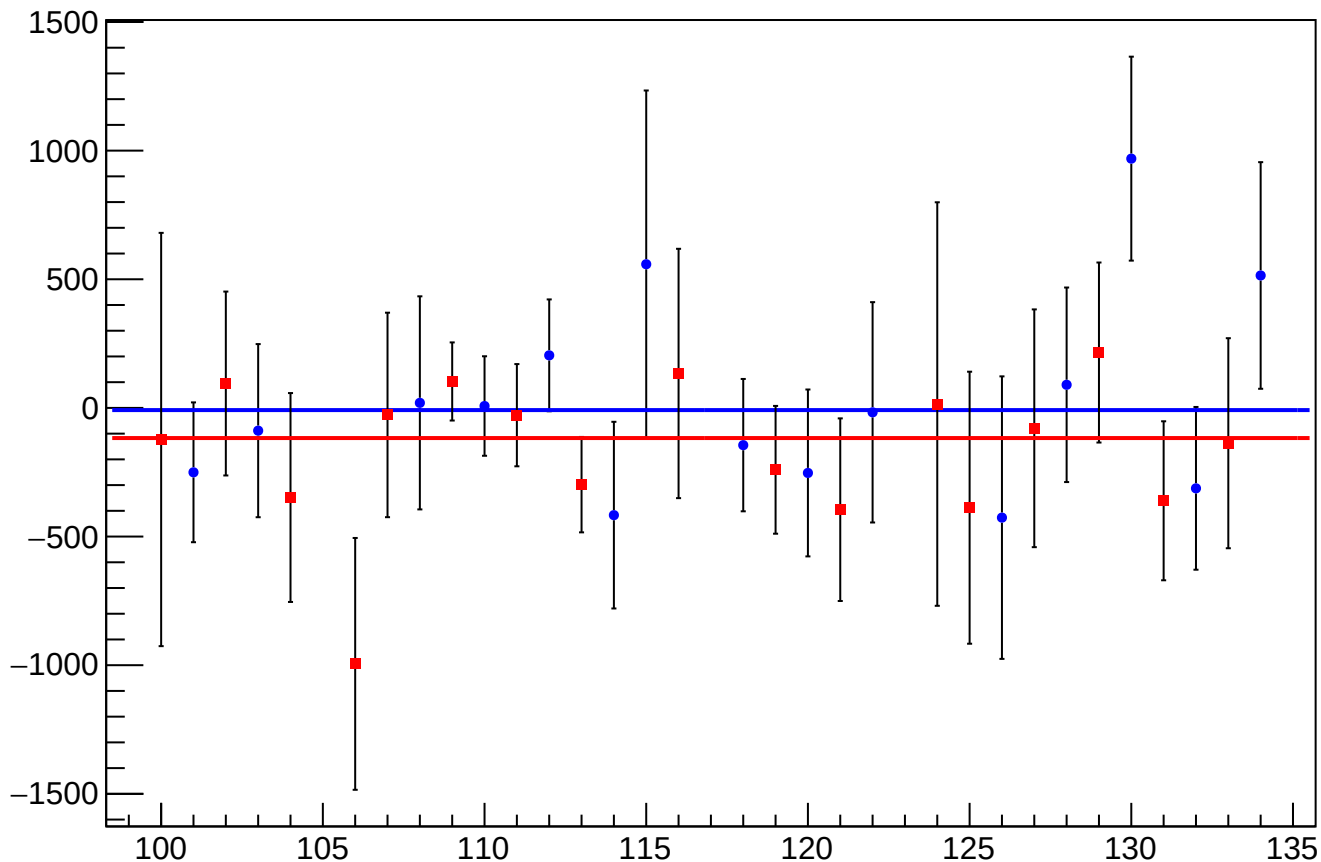
Right: 22.809+/-0.004 χ^2/NDF : 26671.4/31

In: 22.840+/-0.006 χ^2/NDF : 13022.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.809+/-0.004 χ^2/NDF : 26671.4/31

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -8.460+/-82.250 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.141+/-73.185 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

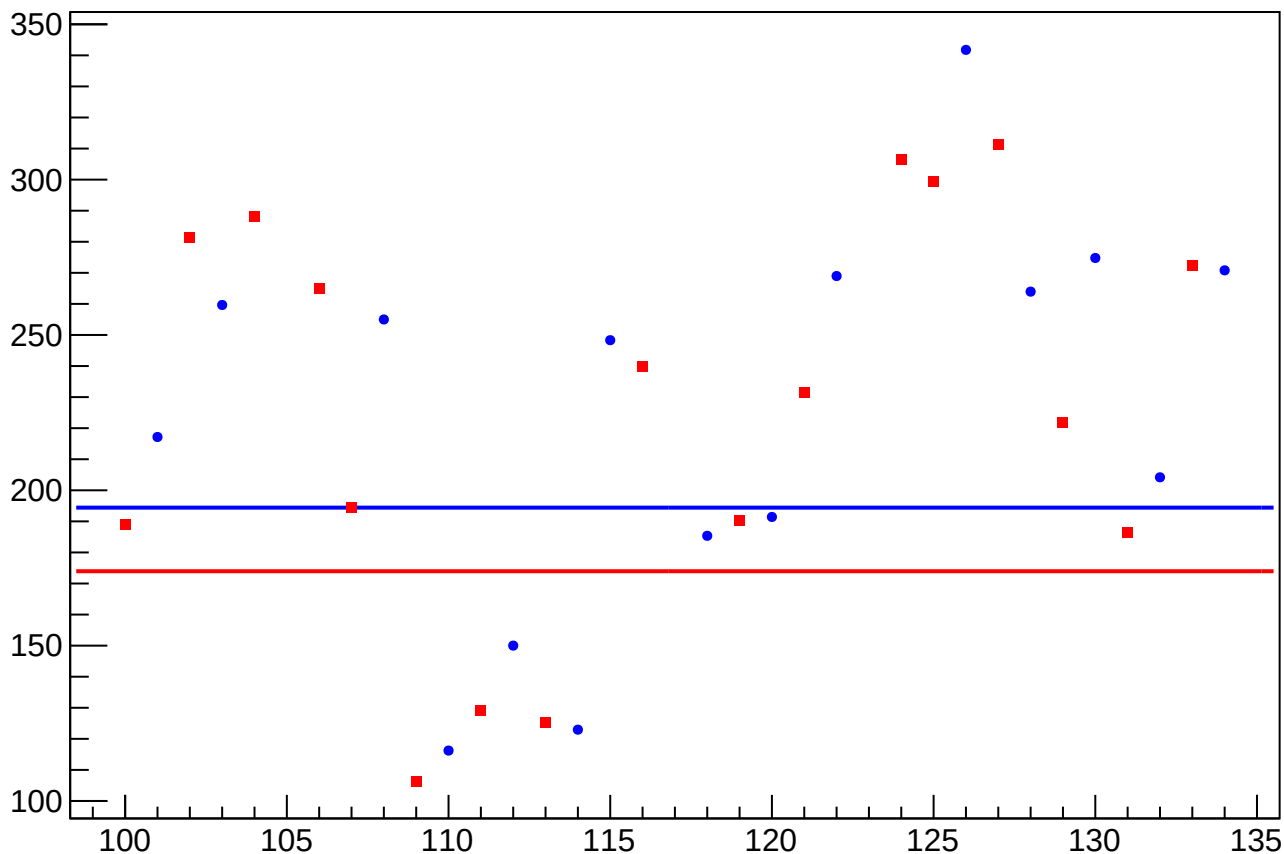
Right: -69.118+/-54.675 χ^2/NDF : 24.8/31

In: -8.460+/-82.250 χ^2/NDF : 13.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.118+/-54.675 χ^2/NDF : 24.8/31

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.424+/-0.058 χ^2/NDF : 1052110.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.953+/-0.052 χ^2/NDF : 1652397.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

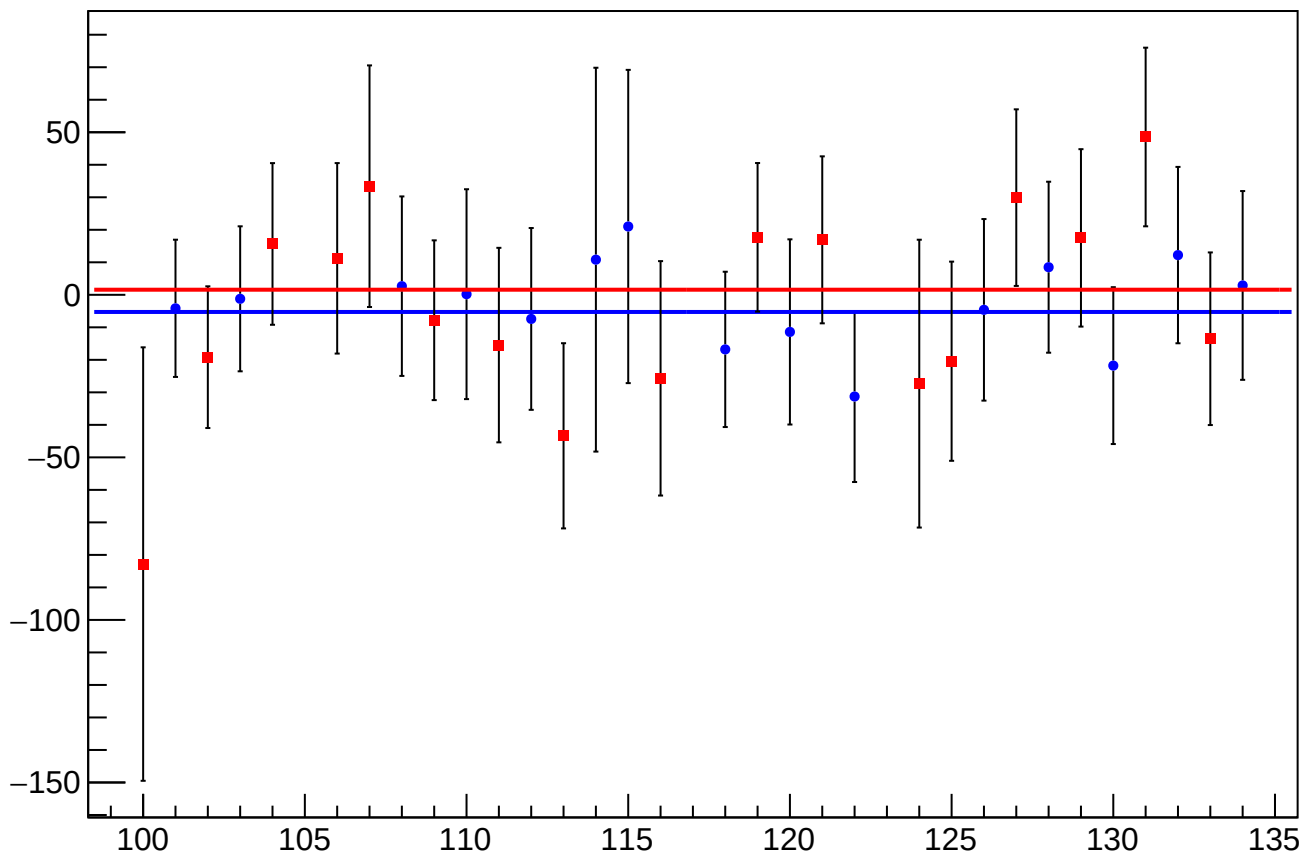
Right: 182.999+/-0.039 χ^2/NDF : 2773653.8/31

In: 194.424+/-0.058 χ^2/NDF : 1052110.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.999+/-0.039 χ^2/NDF : 2773653.8/31

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.274+/-7.080 χ^2/NDF : 3.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.570+/-6.890 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

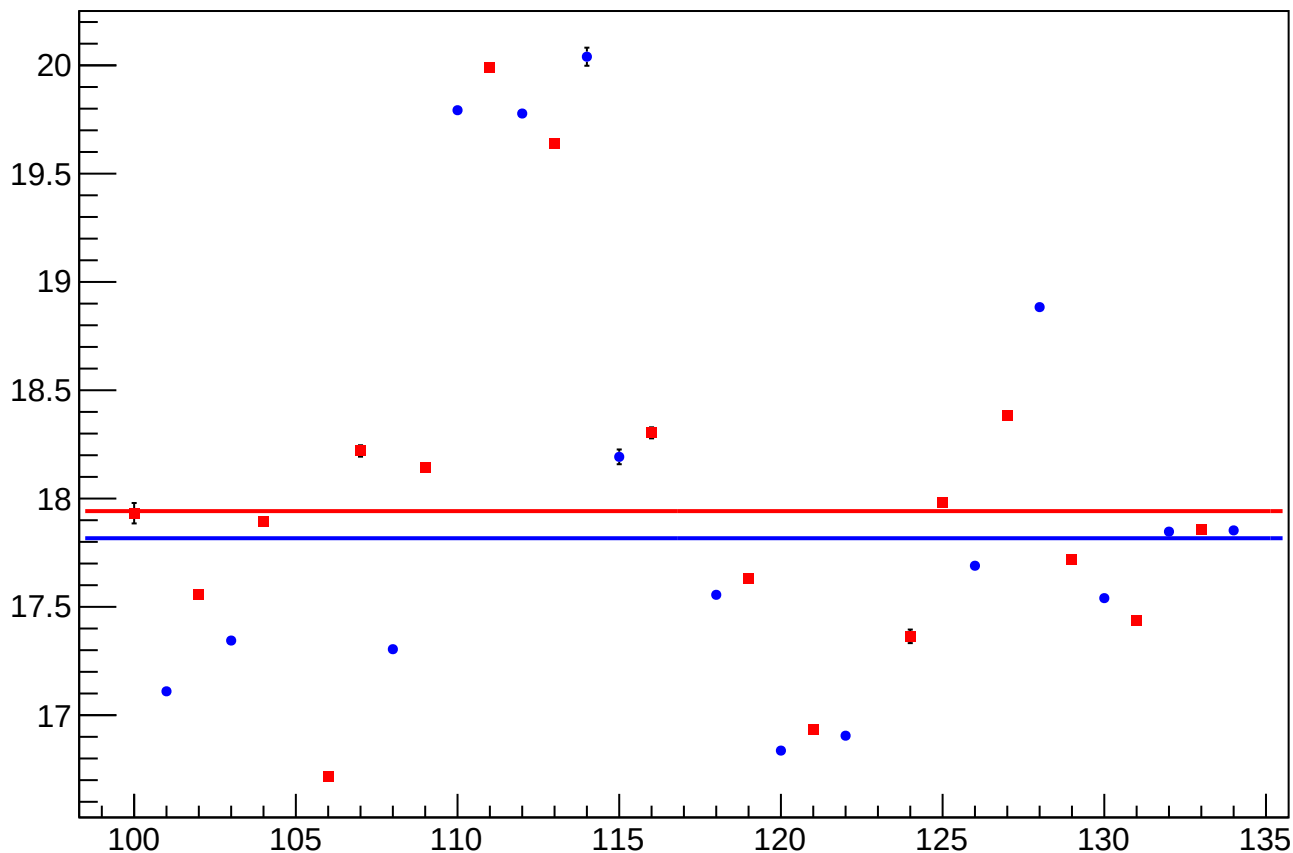
Right: -1.759+/-4.938 χ^2/NDF : 17.2/31

In: -5.274+/-7.080 χ^2/NDF : 3.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.759+/-4.938 χ^2/NDF : 17.2/31

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.817 $\pm$ 0.005 χ^2 /NDF: 32728.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.942 $\pm$ 0.005 χ^2 /NDF: 26192.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

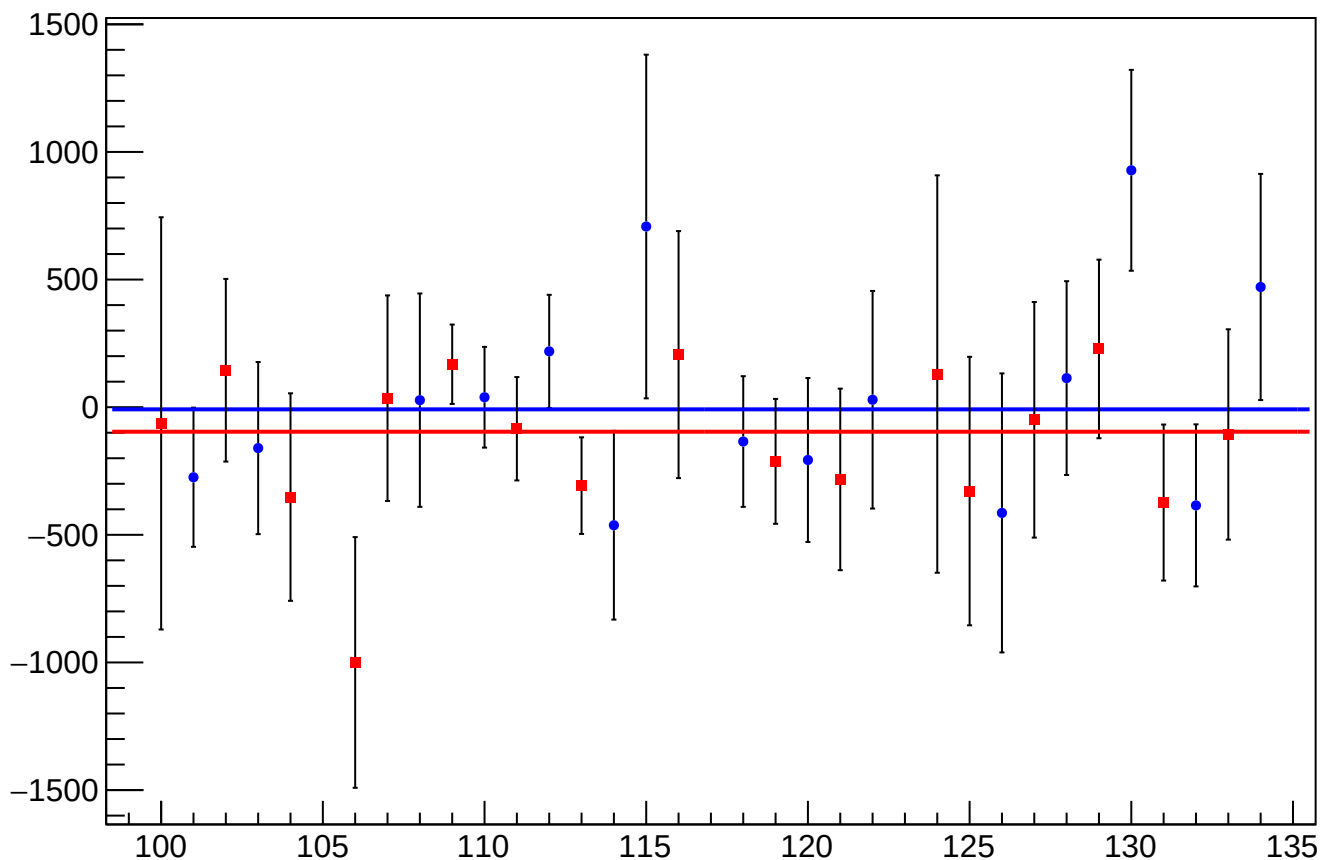
Right: 17.881 $\pm$ 0.003 χ^2 /NDF: 59242.1/31

In: 17.817 $\pm$ 0.005 χ^2 /NDF:32728.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.881 $\pm$ 0.003 χ^2 /NDF: 59242.1/31

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -8.420 ± 82.826 $\chi^2/\text{NDF}: 14.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -96.093 ± 73.920 $\chi^2/\text{NDF}: 11.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

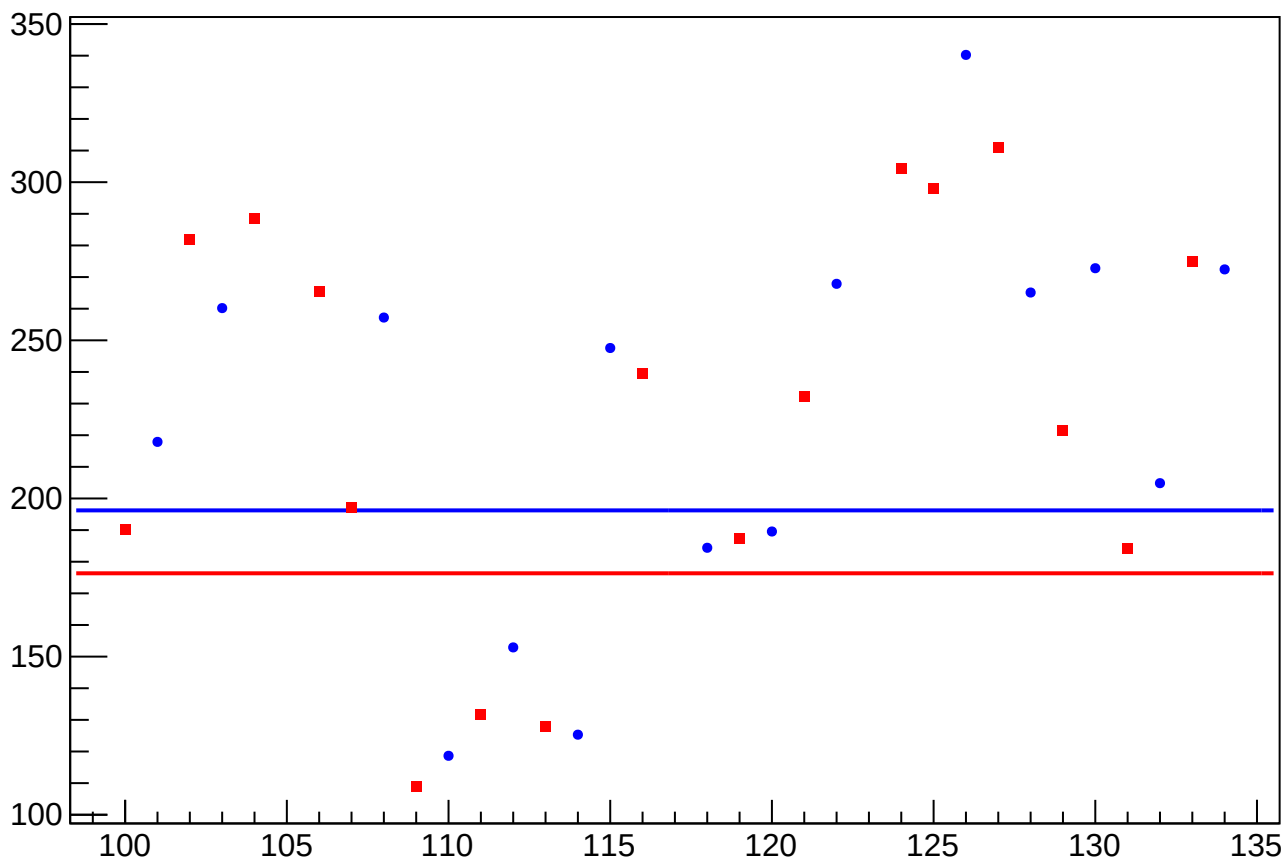
Right: -57.222 ± 55.150 $\chi^2/\text{NDF}: 26.4/31$

In: -8.420 ± 82.826 $\chi^2/\text{NDF}: 14.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -57.222 ± 55.150 $\chi^2/\text{NDF}: 26.4/31$

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 196.233+/-0.059 χ^2/NDF : 1000560.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.342+/-0.052 χ^2/NDF : 1569916.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

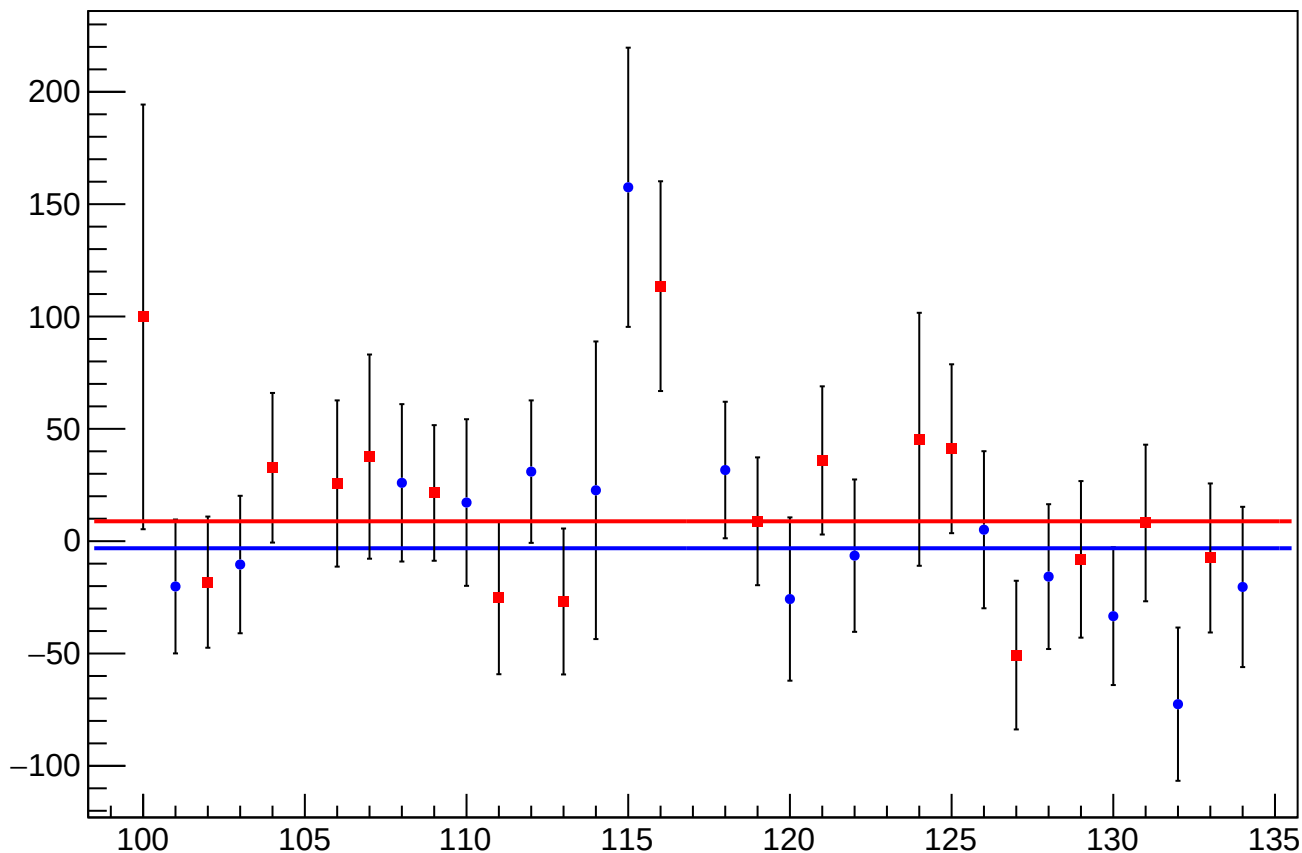
Right: 185.161+/-0.039 χ^2/NDF : 2634685.8/31

In: 196.233+/-0.059 χ^2/NDF : 1000560.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.161+/-0.039 χ^2/NDF : 2634685.8/31

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.145+/-8.973 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.851+/-8.632 χ^2/NDF : 15.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

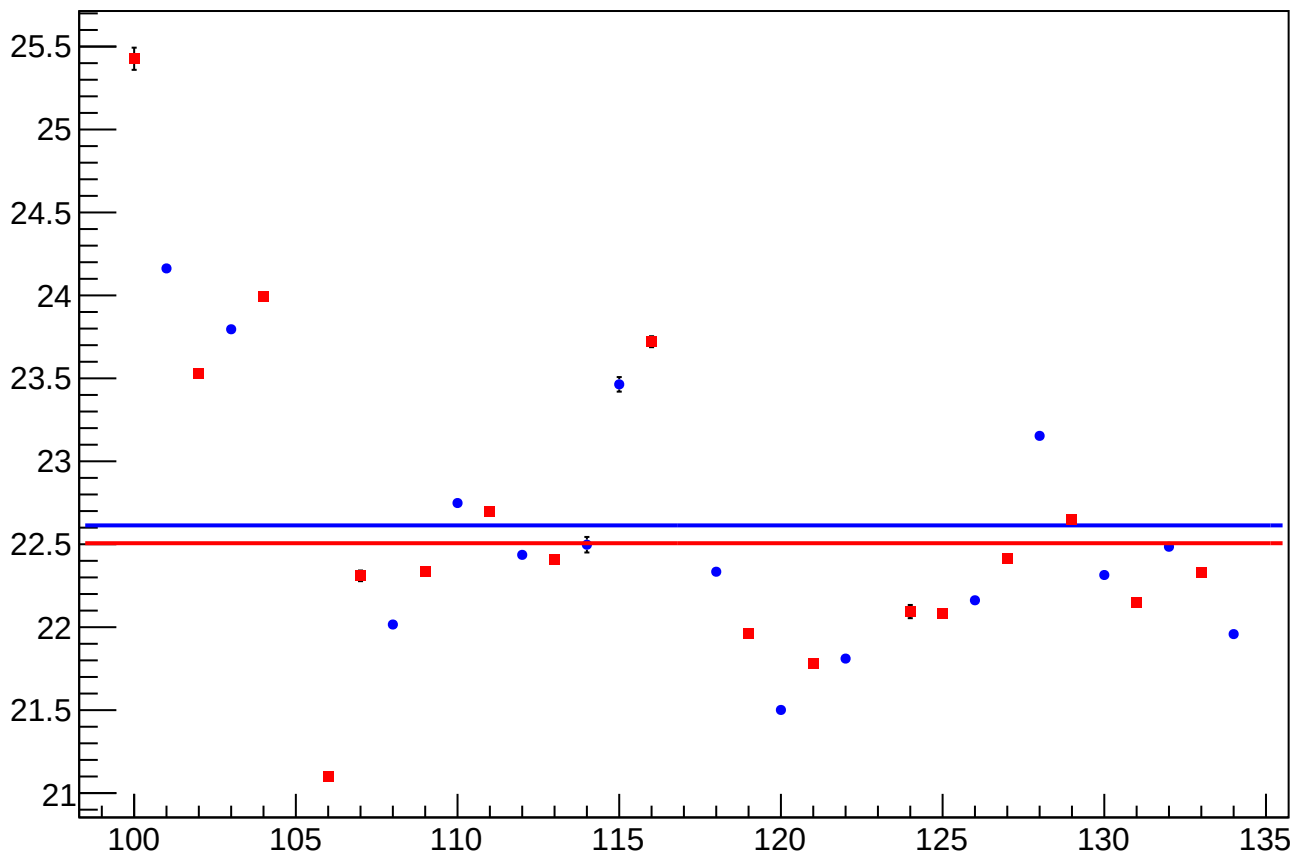
Right: 3.086+/-6.221 χ^2/NDF : 33.4/31

In: -3.145+/-8.973 χ^2/NDF :16.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.086+/-6.221 χ^2/NDF : 33.4/31

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.614+/-0.006 χ^2/NDF : 14396.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.506+/-0.006 χ^2/NDF : 15144.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

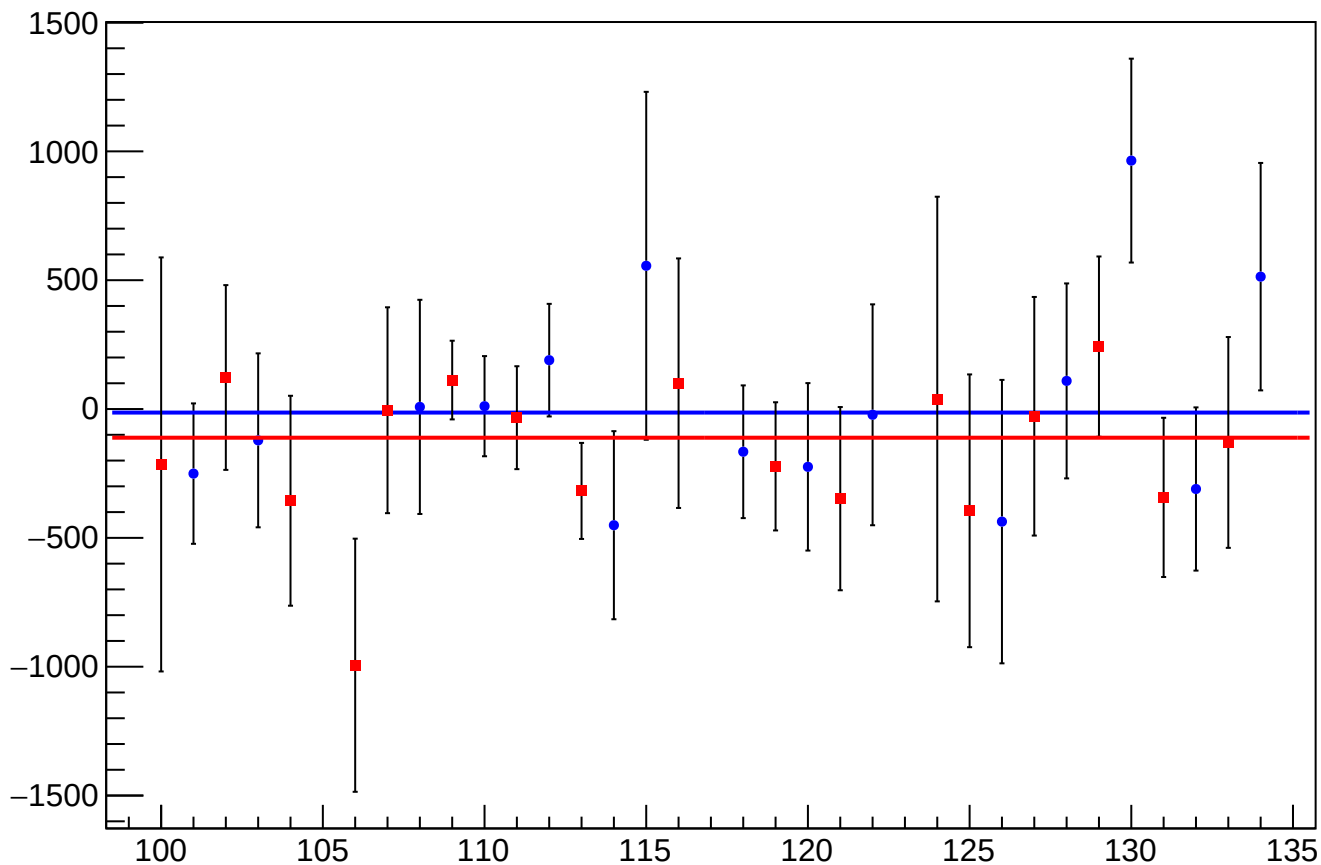
Right: 22.558+/-0.004 χ^2/NDF : 29689.7/31

In: 22.614+/-0.006 χ^2/NDF : 14396.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.558+/-0.004 χ^2/NDF : 29689.7/31

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -13.743 ± 82.498 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -111.293 ± 73.450 χ^2/NDF : 10.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

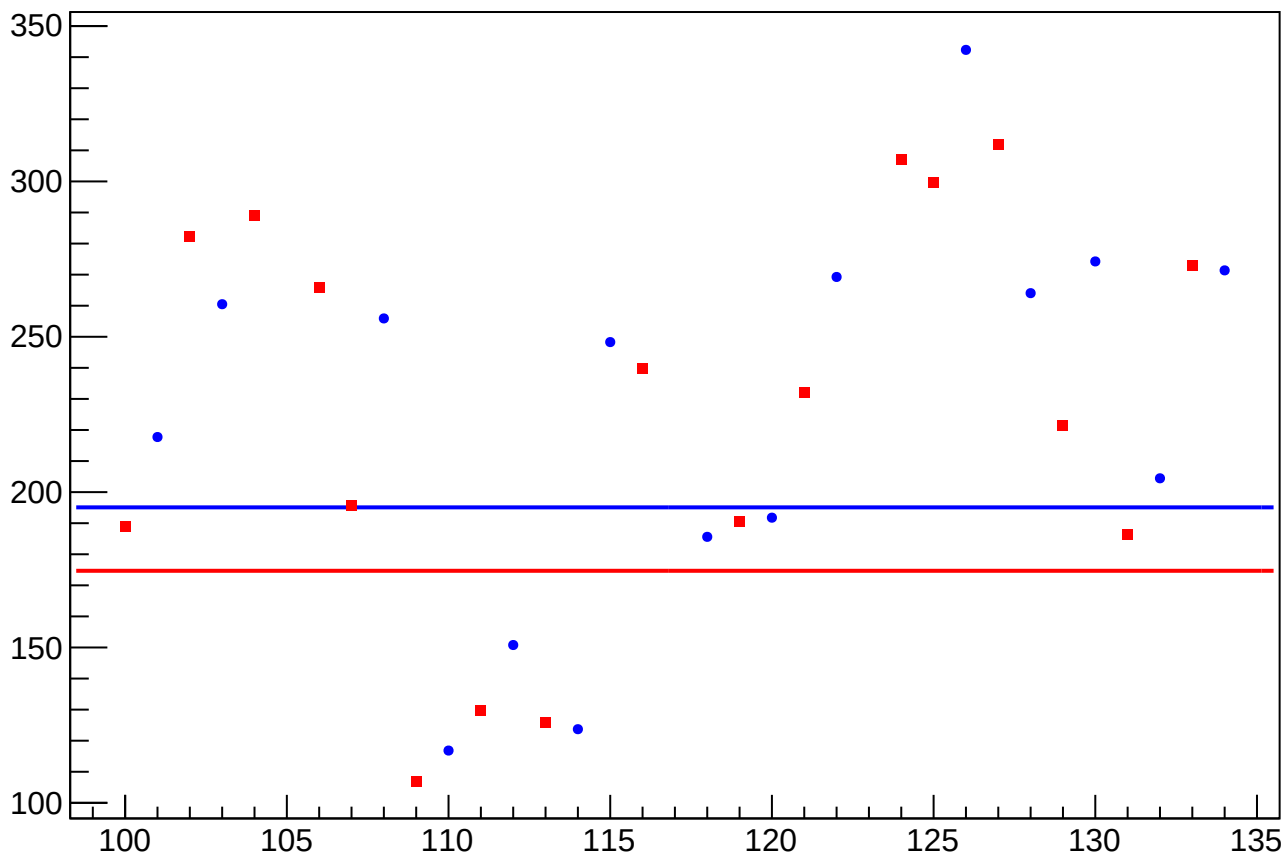
Right: -68.159 ± 54.858 χ^2/NDF : 25.0/31

In: -13.743 ± 82.498 χ^2/NDF : 13.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.159 ± 54.858 χ^2/NDF : 25.0/31

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.098+/-0.058 χ^2/NDF : 1041279.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.683+/-0.052 χ^2/NDF : 1639817.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

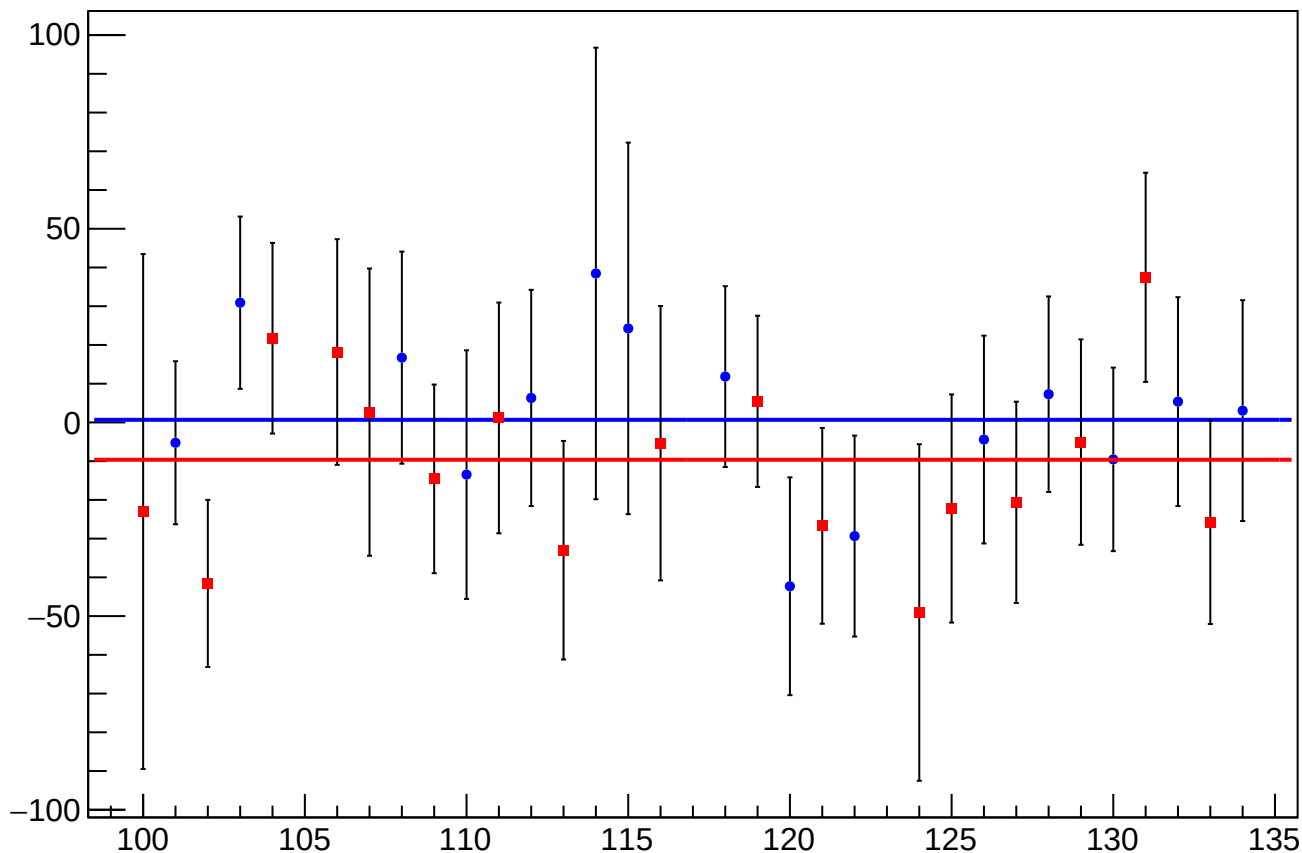
Right: 183.710+/-0.039 χ^2/NDF : 2749415.4/31

In: 195.098+/-0.058 χ^2/NDF : 1041279.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.710+/-0.039 χ^2/NDF : 2749415.4/31

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.676+/-6.979 χ^2/NDF : 7.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.635+/-6.771 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

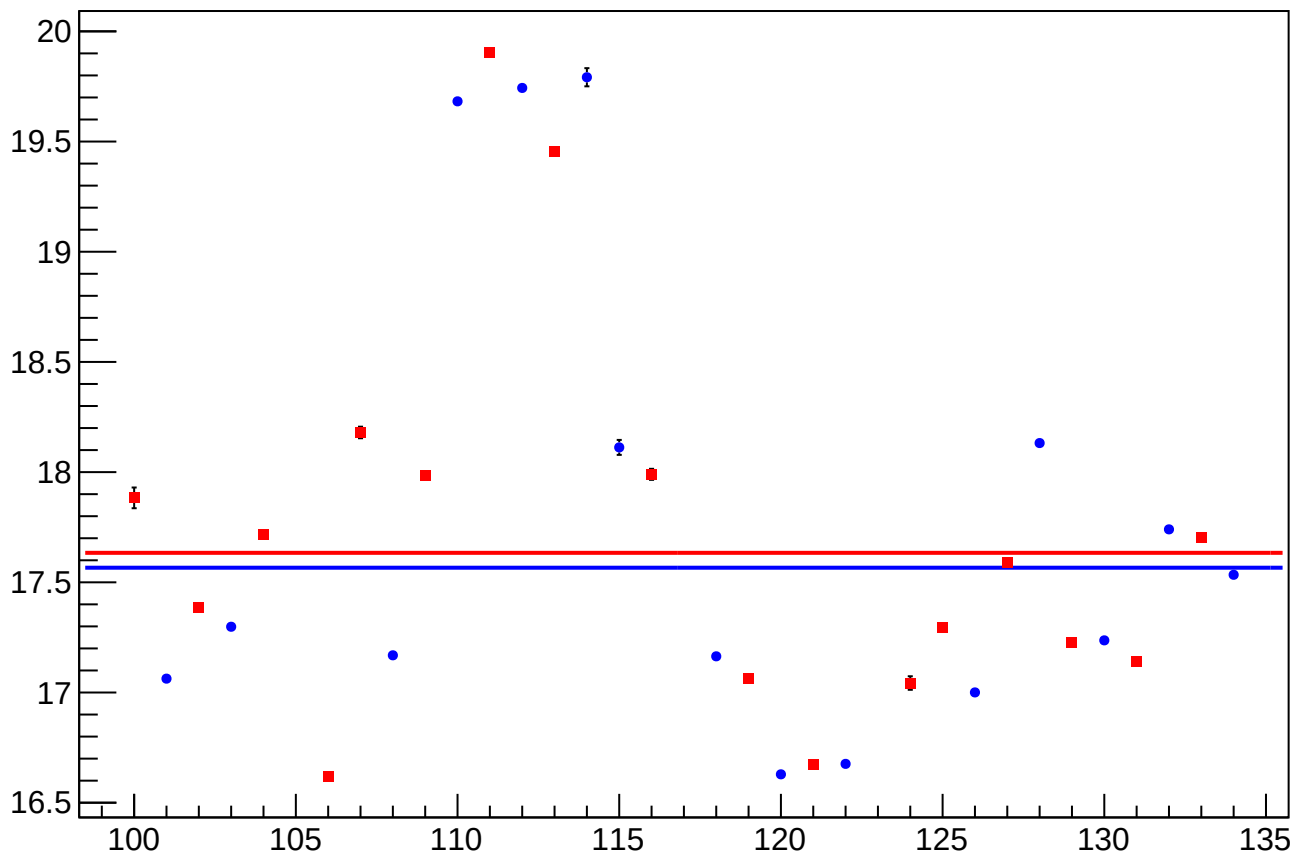
Right: -4.636+/-4.860 χ^2/NDF : 19.8/31

In: 0.676+/-6.979 χ^2/NDF : 7.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.636+/-4.860 χ^2/NDF : 19.8/31

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.566+/-0.005 χ^2/NDF : 33430.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.634+/-0.005 χ^2/NDF : 29750.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

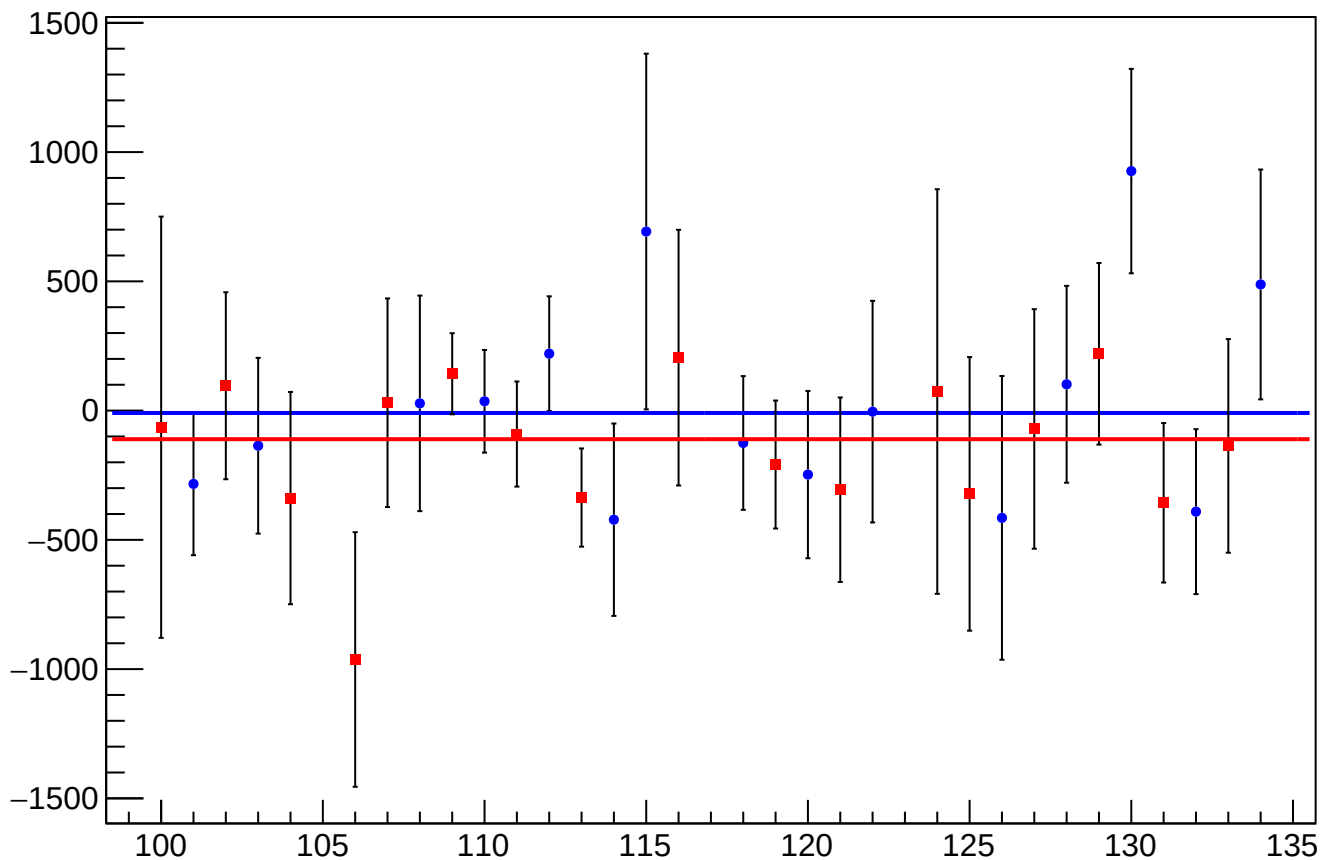
Right: 17.601+/-0.003 χ^2/NDF : 63277.1/31

In: 17.566+/-0.005 χ^2/NDF : 33430.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.601+/-0.003 χ^2/NDF : 63277.1/31

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -9.171+/-83.330 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.614+/-74.442 χ^2/NDF : 10.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

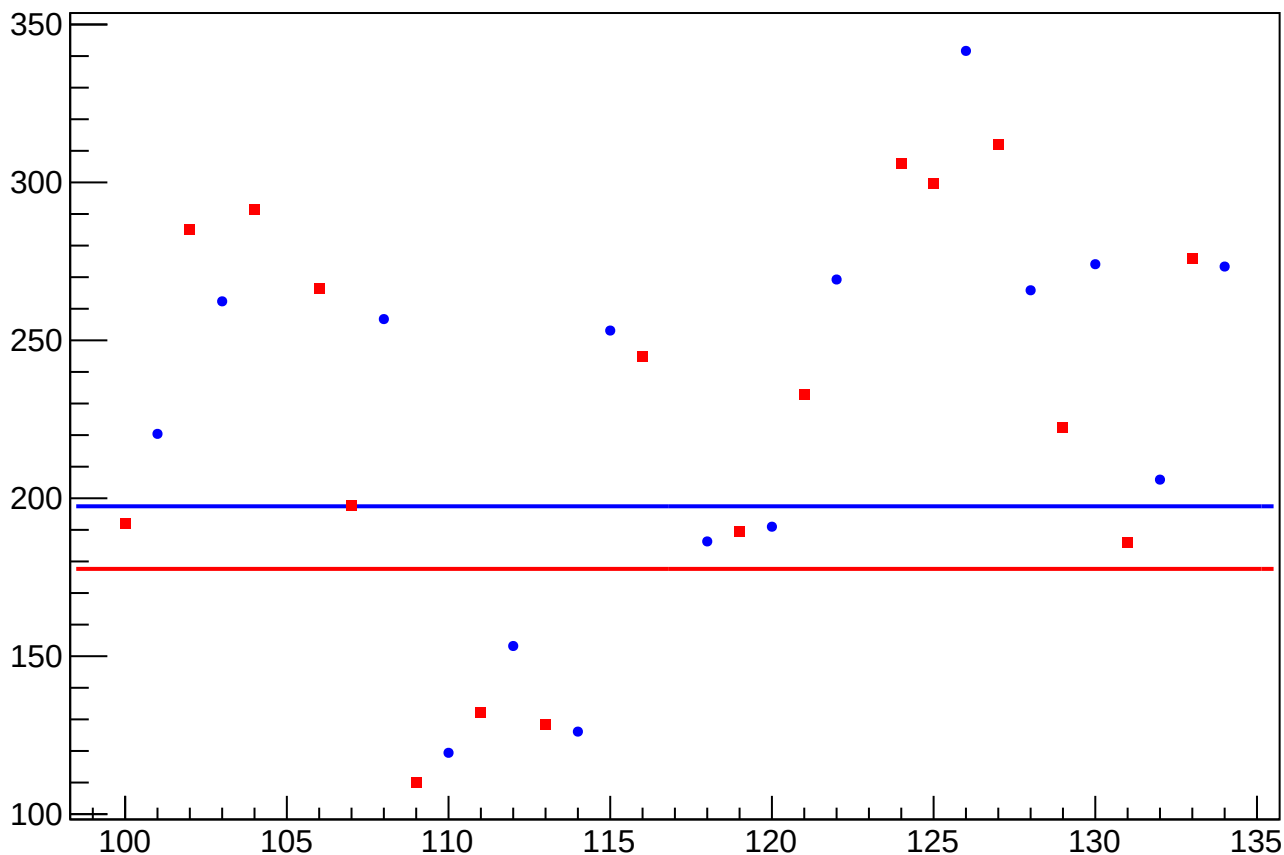
Right: -65.589+/-55.516 χ^2/NDF : 25.4/31

In: -9.171+/-83.330 χ^2/NDF : 14.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.589+/-55.516 χ^2/NDF : 25.4/31

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.462 $\pm$ 0.059 χ^2 /NDF: 1000194.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 177.644 $\pm$ 0.053 χ^2 /NDF: 1570563.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

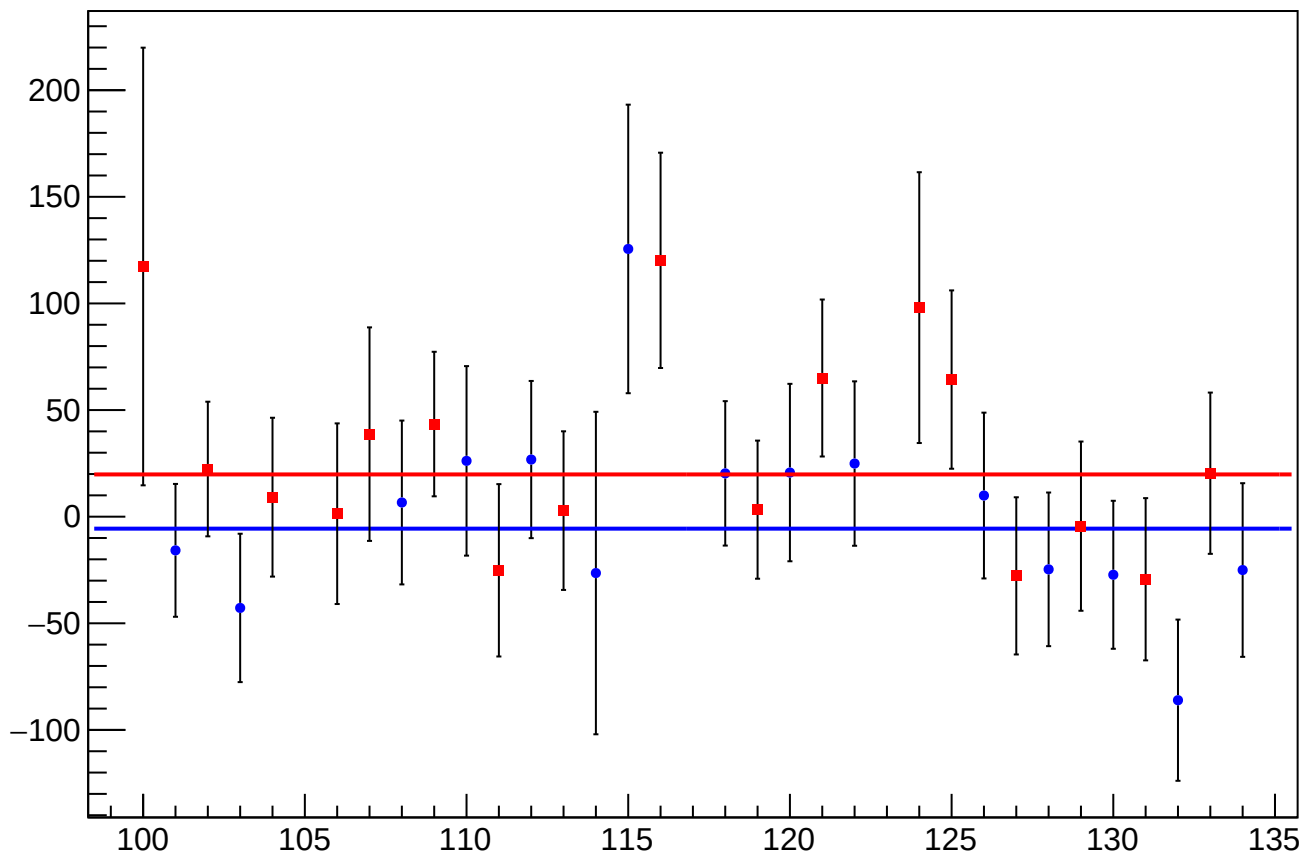
Right: 186.440 $\pm$ 0.039 χ^2 /NDF: 2633669.1/31

In: 197.462 $\pm$ 0.059 χ^2 /NDF:1000194.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 186.440 $\pm$ 0.039 χ^2 /NDF: 2633669.1/31

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.614 ± 10.071 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.814 ± 9.691 χ^2/NDF : 15.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

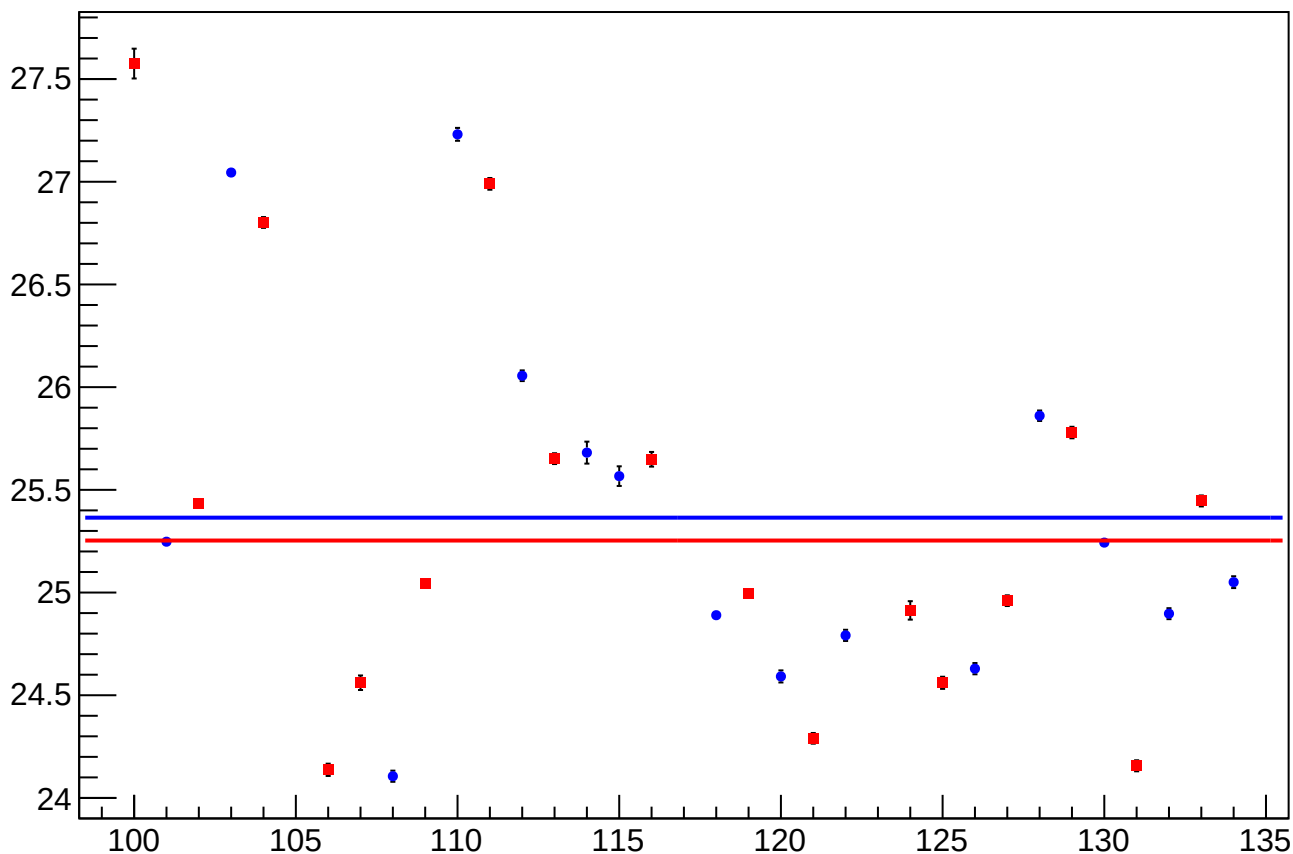
Right: 7.589 ± 6.983 χ^2/NDF : 32.3/31

In: -5.614 ± 10.071 χ^2/NDF : 13.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.589 ± 6.983 χ^2/NDF : 32.3/31

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.365+/-0.007 χ^2/NDF : 14194.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.253+/-0.007 χ^2/NDF : 14733.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

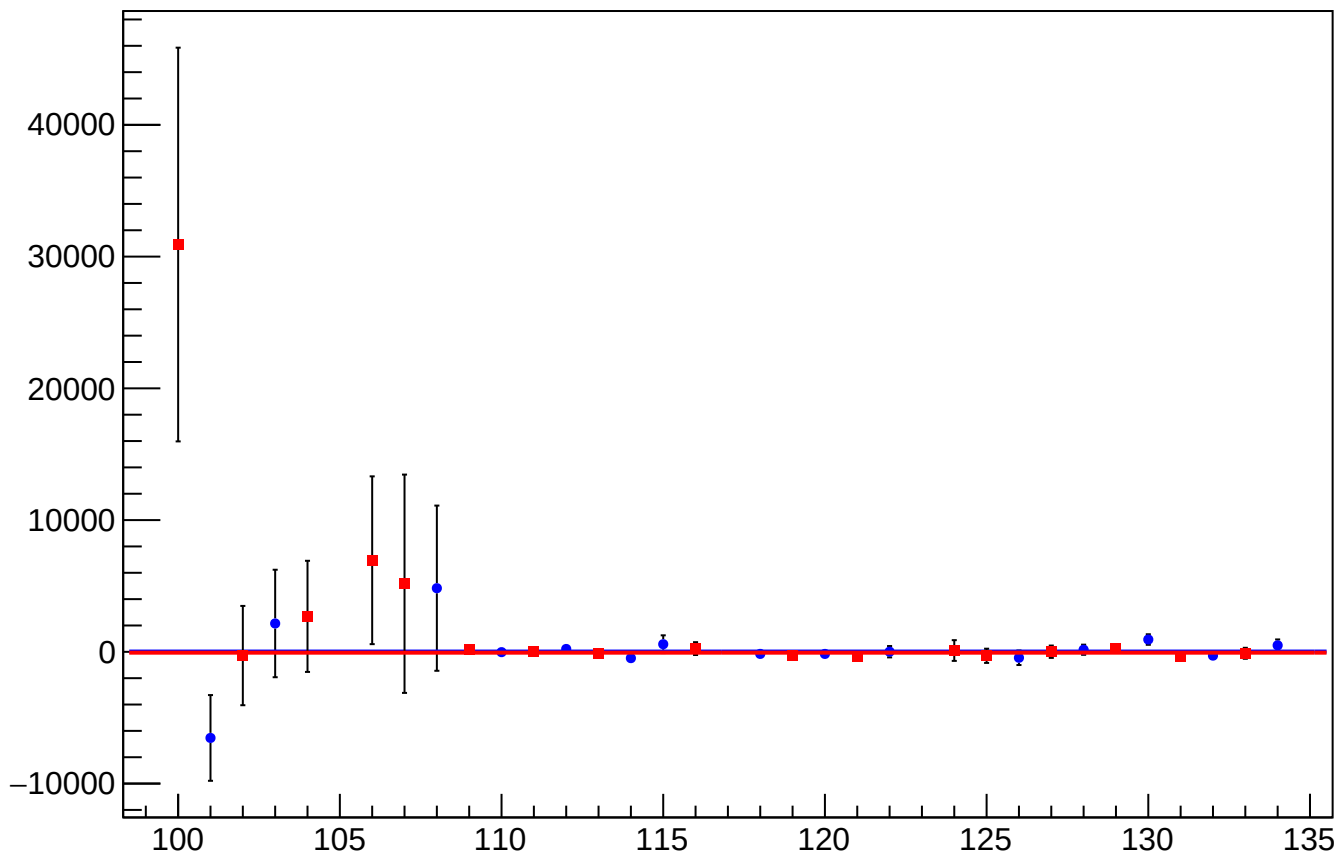
Right: 25.307+/-0.005 χ^2/NDF : 29055.6/31

In: 25.365+/-0.007 χ^2/NDF : 14194.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.307+/-0.005 χ^2/NDF : 29055.6/31

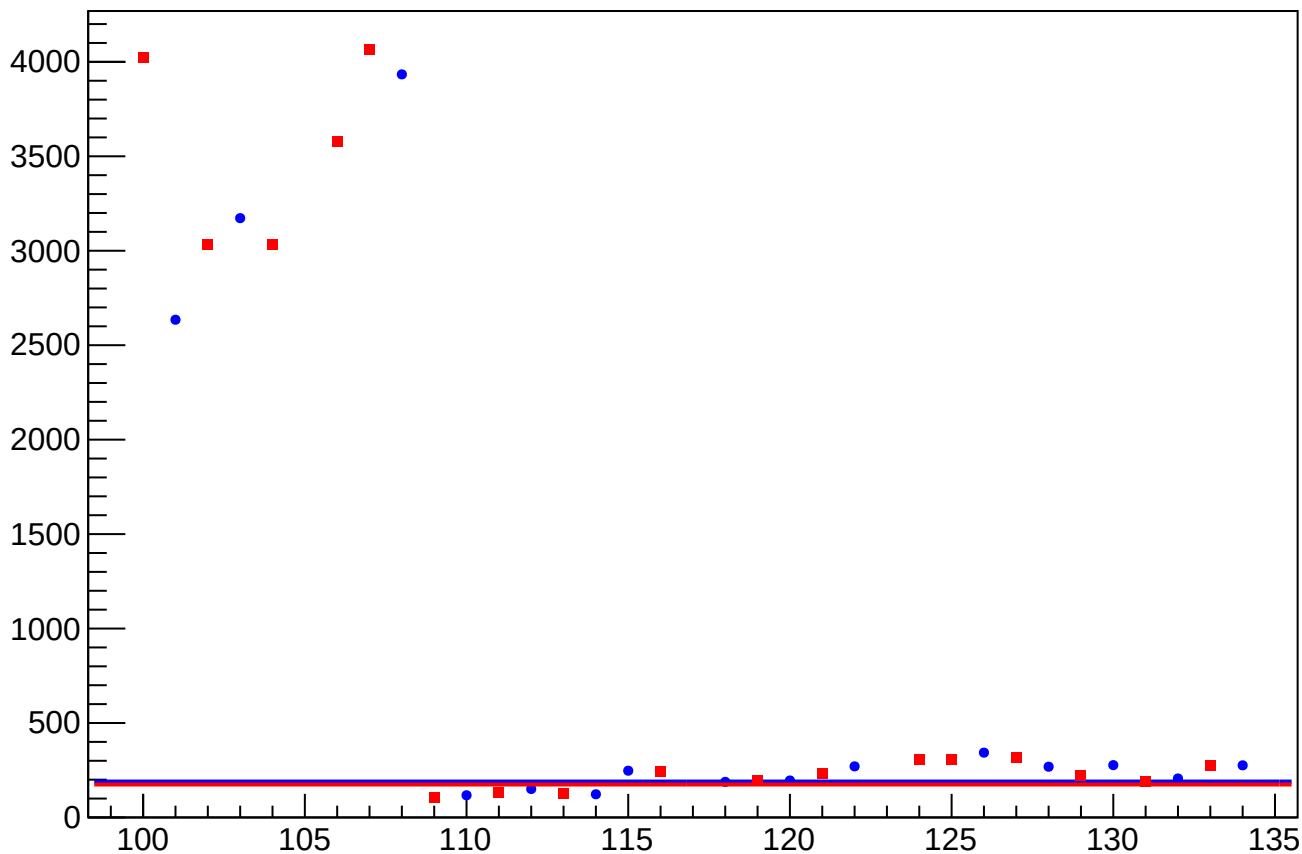
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 22.203+/-92.252 χ^2/NDF : 17.2/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -63.493+/-85.213 χ^2/NDF : 11.9/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -24.038+/-62.595 χ^2/NDF : 29.6/31
 In: 22.203+/-92.252 χ^2/NDF : 17.2/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -24.038+/-62.595 χ^2/NDF : 29.6/31

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.152+/-0.065 χ^2/NDF : 3818049.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.375+/-0.060 χ^2/NDF : 4286388.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

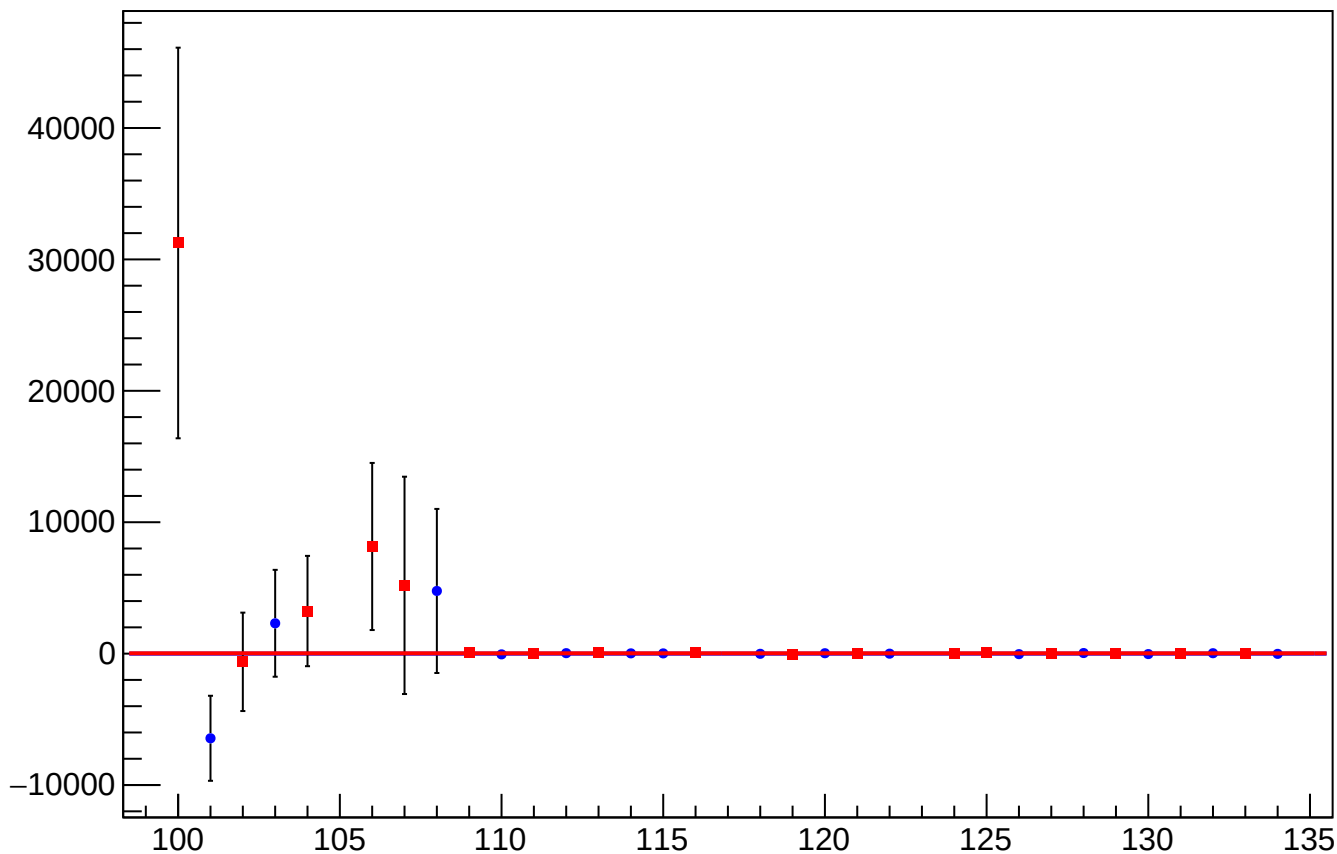
Right: 181.639+/-0.044 χ^2/NDF : 8136001.0/31

In: 190.152+/-0.065 χ^2/NDF : 3818049.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.639+/-0.044 χ^2/NDF : 8136001.0/31

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.998 $\pm$ 12.752 χ^2 /NDF: 11.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.974 $\pm$ 12.739 χ^2 /NDF: 21.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

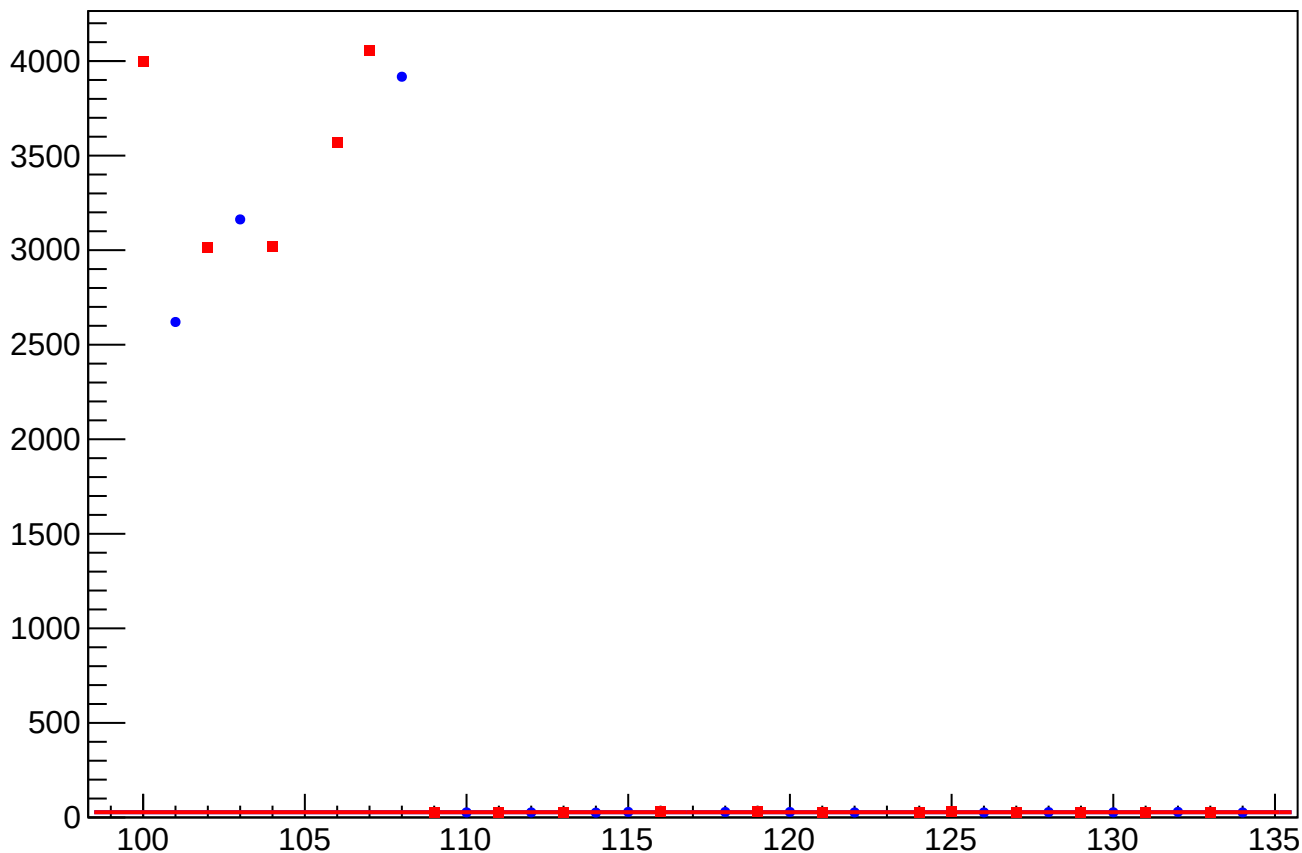
Right: 12.000 $\pm$ 9.012 χ^2 /NDF: 35.2/31

In: -0.998 $\pm$ 12.752 χ^2 /NDF:11.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.000 $\pm$ 9.012 χ^2 /NDF: 35.2/31

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.670+/-0.009 χ^2/NDF : 3265437.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.707+/-0.009 χ^2/NDF : 3552465.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

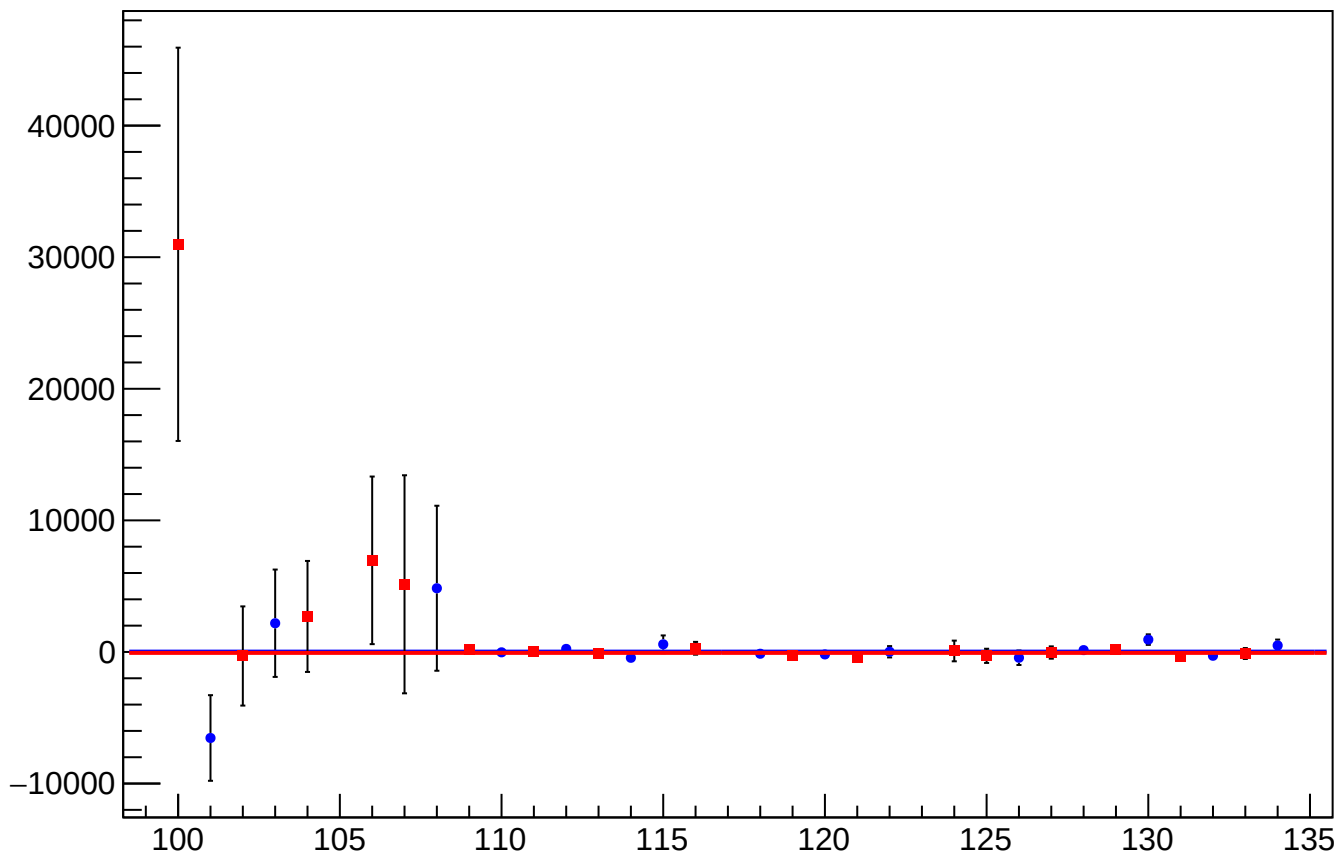
Right: 27.688+/-0.006 χ^2/NDF : 6817911.1/31

In: 27.670+/-0.009 χ^2/NDF : 3265437.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.688+/-0.006 χ^2/NDF : 6817911.1/31

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 25.777+/-91.977 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.609+/-84.924 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

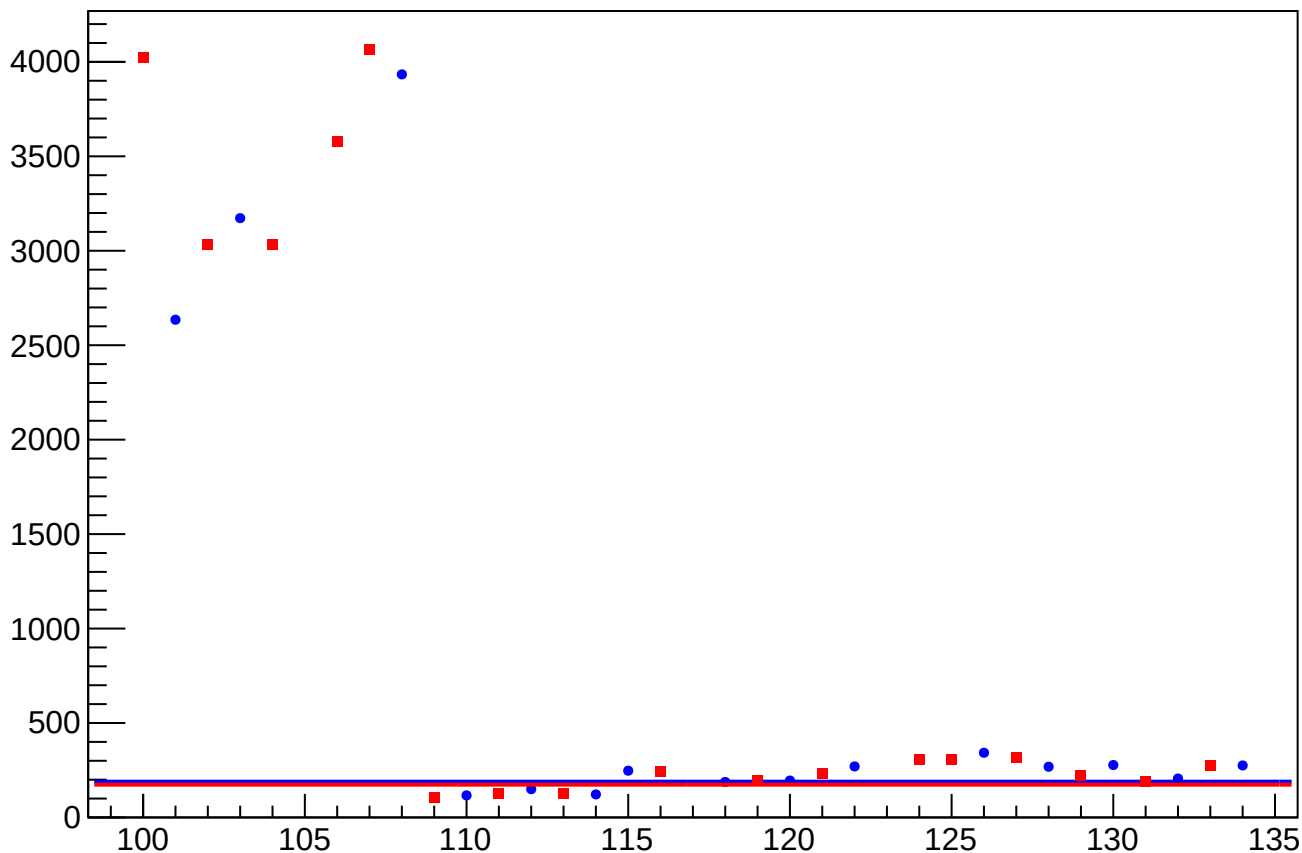
Right: -25.713+/-62.395 χ^2/NDF : 29.7/31

In: 25.777+/-91.977 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.713+/-62.395 χ^2/NDF : 29.7/31

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.458+/-0.065 χ^2/NDF : 3830038.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.650+/-0.060 χ^2/NDF : 4298764.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

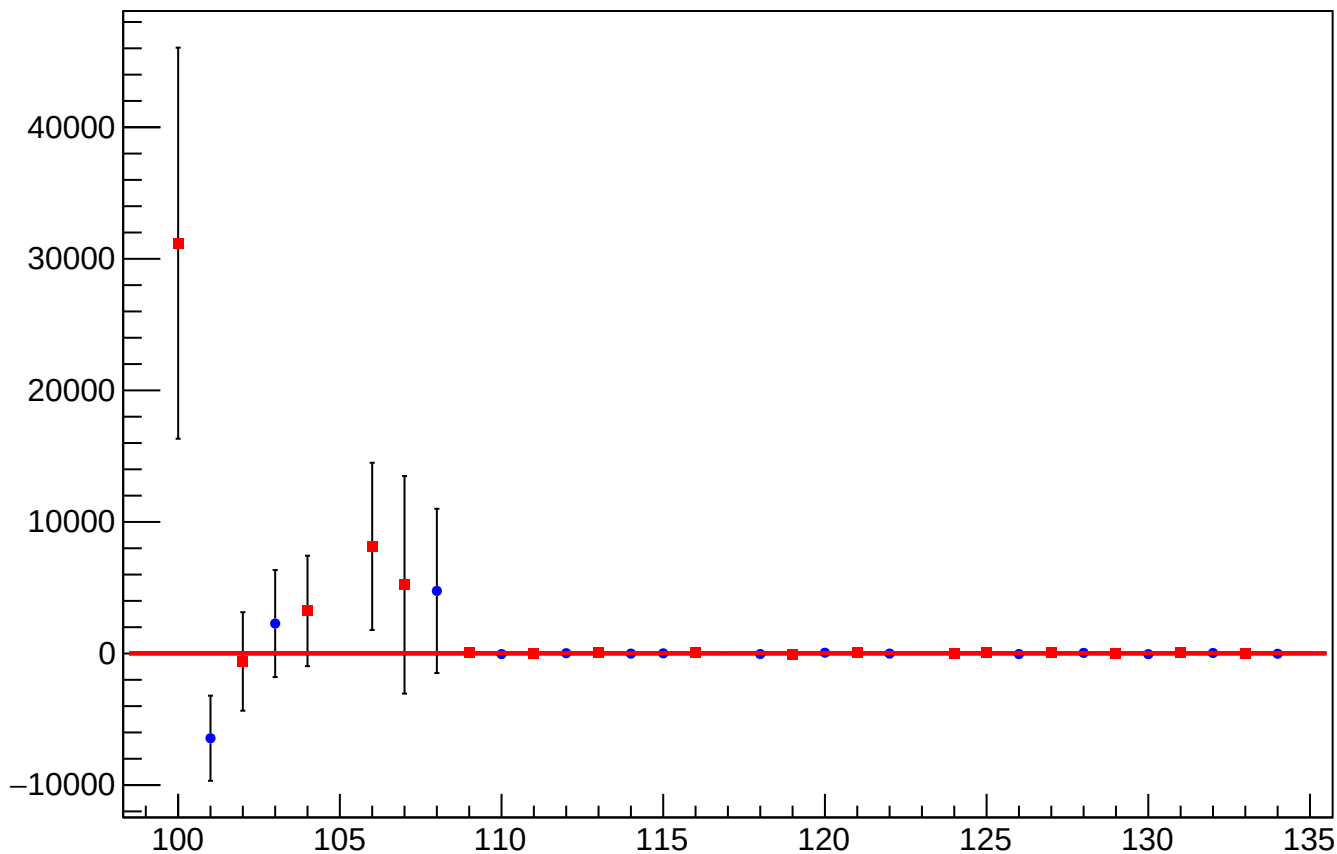
Right: 180.925+/-0.044 χ^2/NDF : 8160694.9/31

In: 189.458+/-0.065 χ^2/NDF : 3830038.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.925+/-0.044 χ^2/NDF : 8160694.9/31

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.686+/-12.838 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.141+/-12.854 χ^2/NDF : 17.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

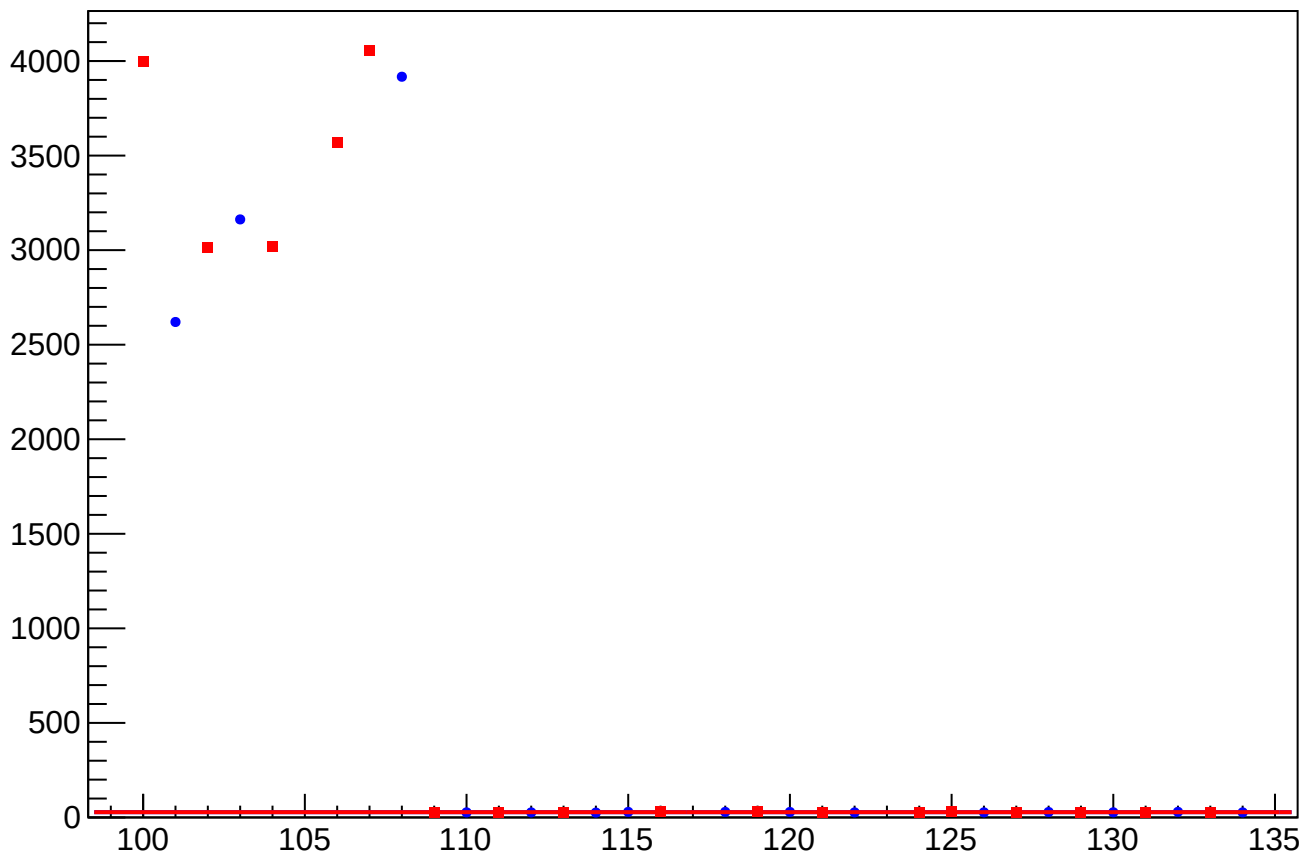
Right: 15.703+/-9.083 χ^2/NDF : 36.4/31

In: -4.686+/-12.838 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.703+/-9.083 χ^2/NDF : 36.4/31

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.854+/-0.009 χ^2/NDF : 3265832.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.949+/-0.009 χ^2/NDF : 3555217.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

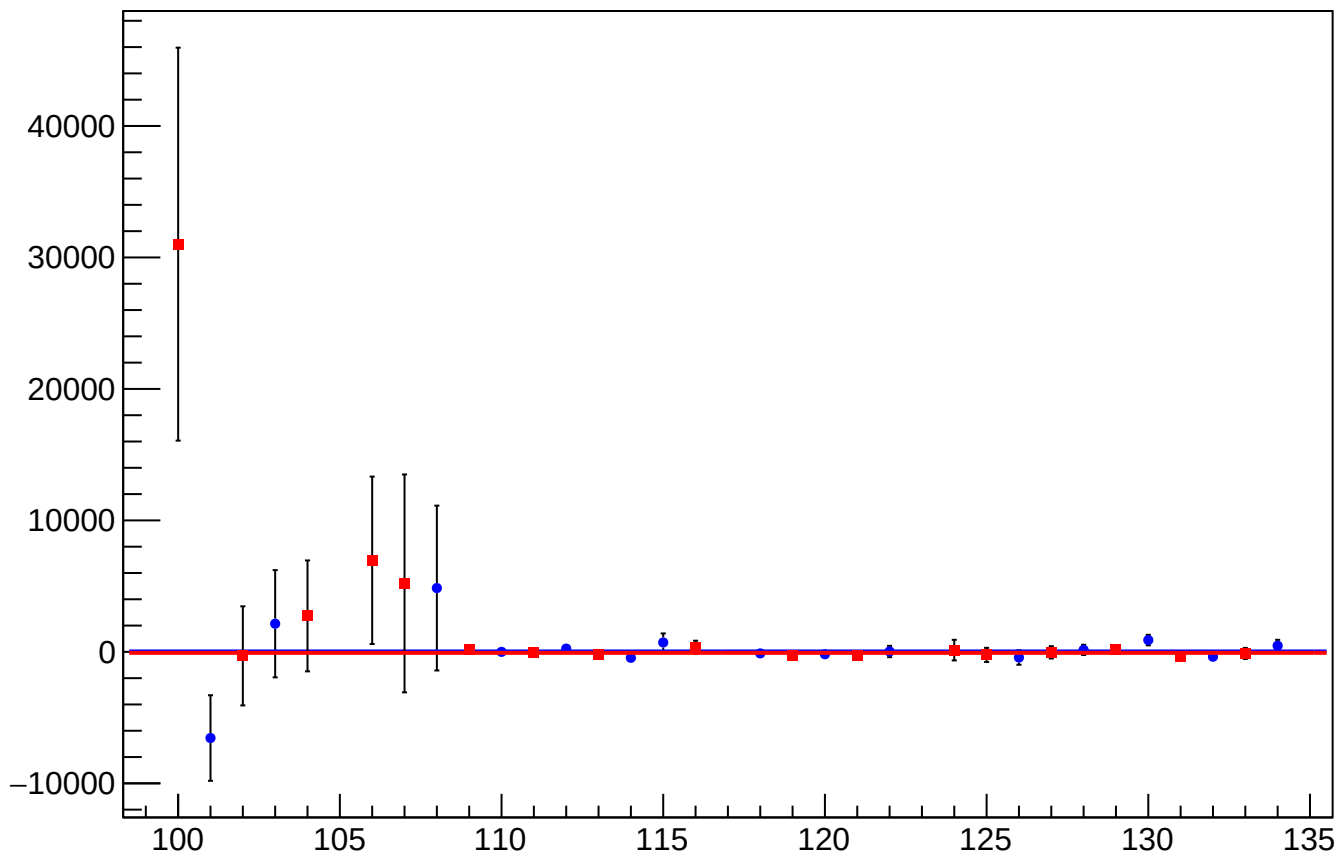
Right: 27.901+/-0.006 χ^2/NDF : 6821104.8/31

In: 27.854+/-0.009 χ^2/NDF : 3265832.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.901+/-0.006 χ^2/NDF : 6821104.8/31

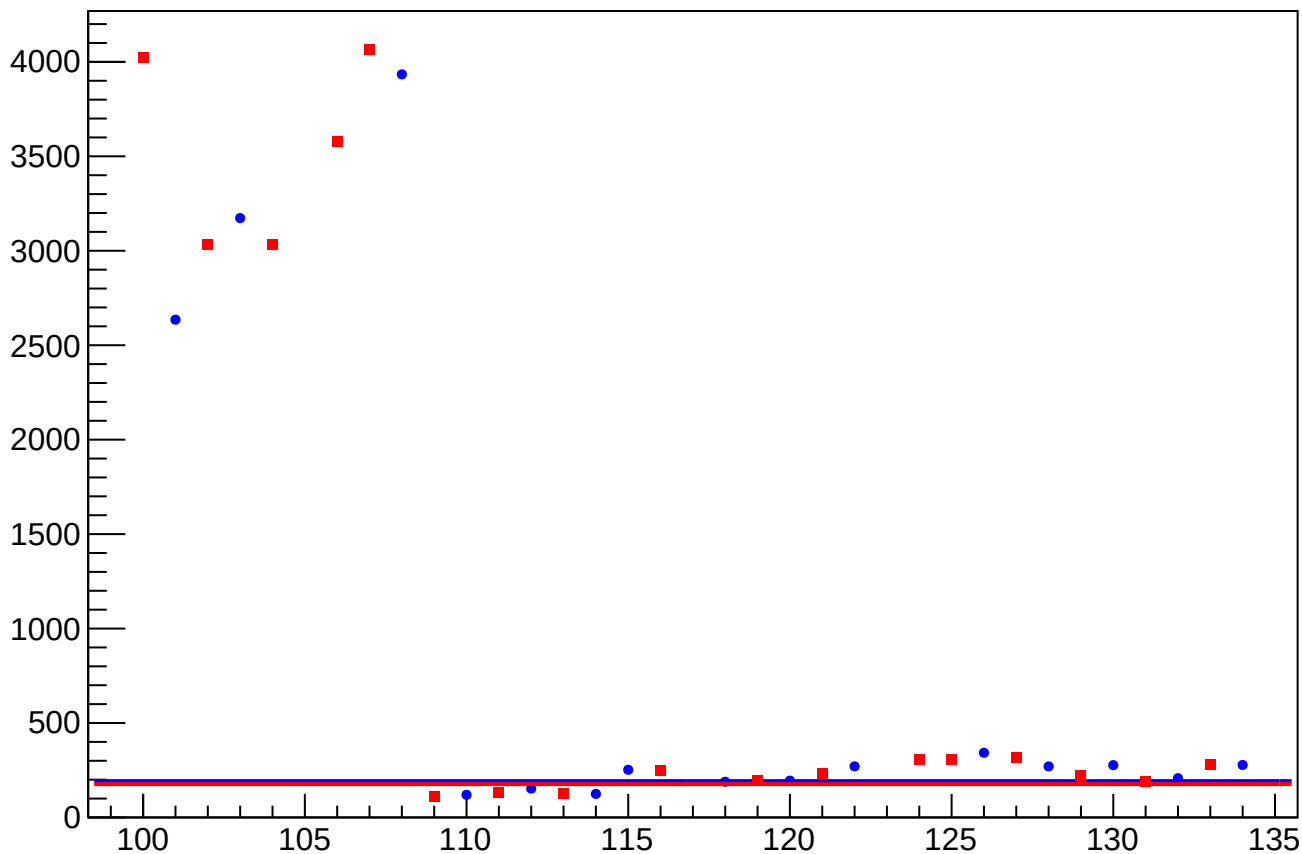
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 31.356+/-93.113 χ^2/NDF : 17.4/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -73.334+/-86.112 χ^2/NDF : 11.8/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -25.072+/-63.221 χ^2/NDF : 29.9/31
 In: 31.356+/-93.113 χ^2/NDF : 17.4/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -25.072+/-63.221 χ^2/NDF : 29.9/31

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.379+/-0.066 χ^2/NDF : 3780849.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.718+/-0.061 χ^2/NDF : 4242700.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

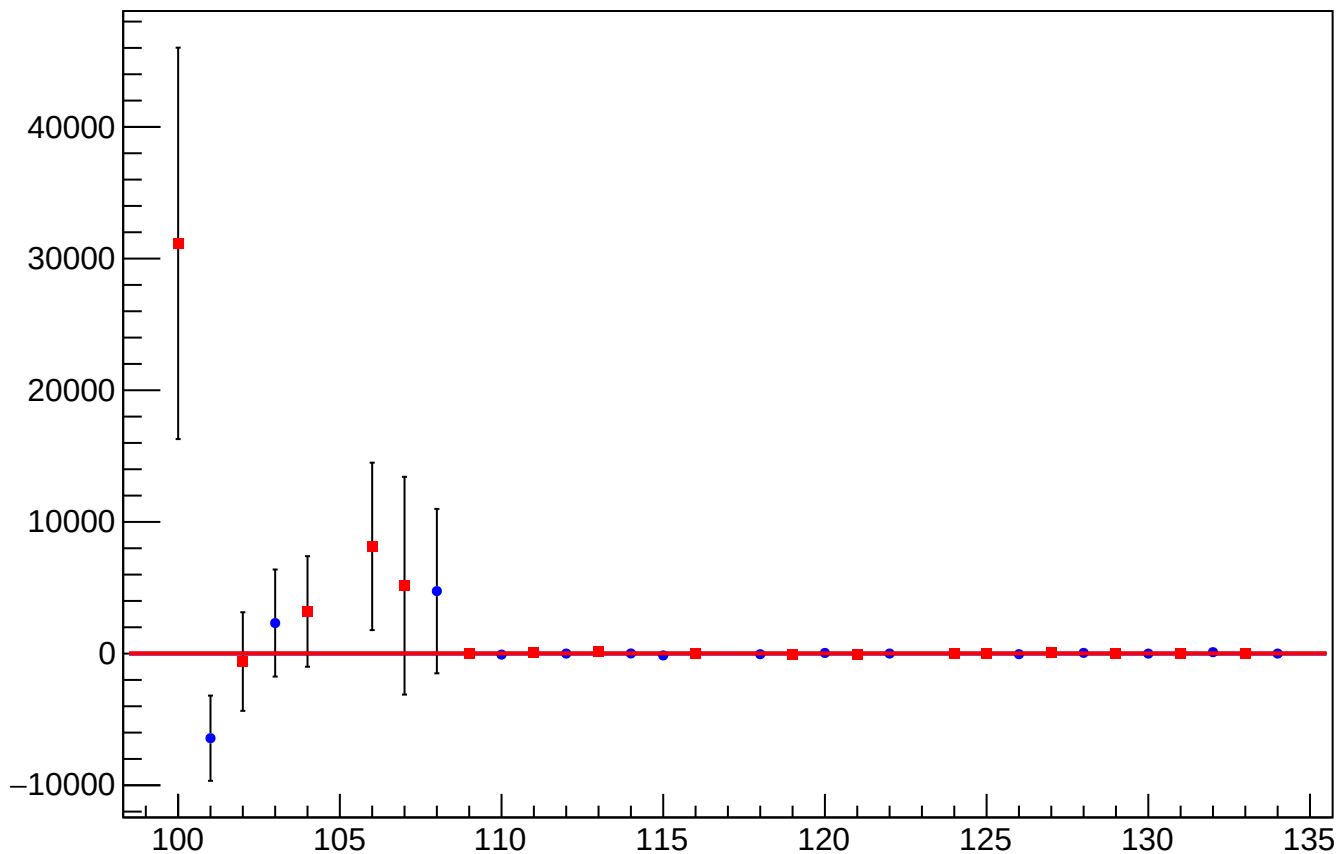
Right: 183.938+/-0.045 χ^2/NDF : 8054043.9/31

In: 192.379+/-0.066 χ^2/NDF : 3780849.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.938+/-0.045 χ^2/NDF : 8054043.9/31

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 15.614 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.374 $\pm$ 15.534 χ^2 /NDF: 21.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

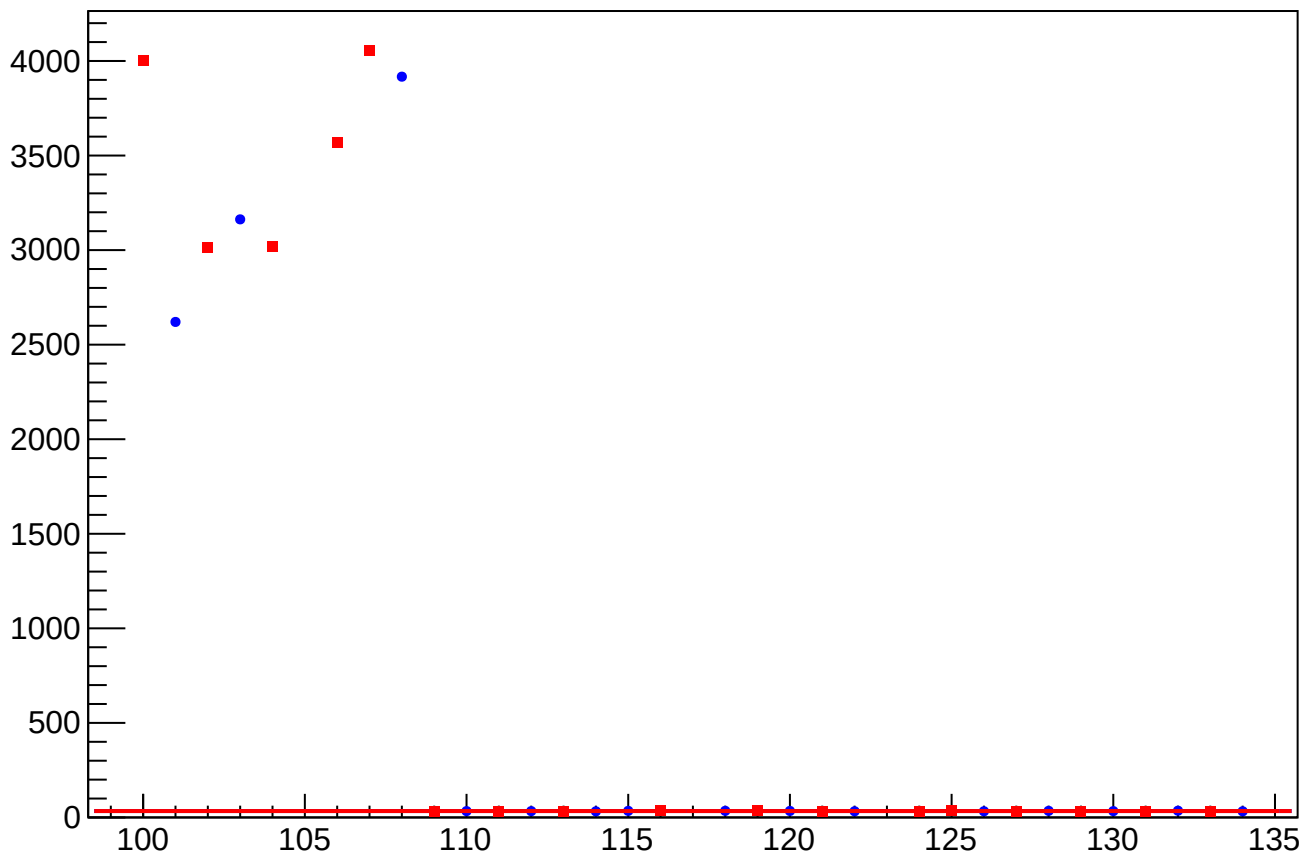
Right: 8.746 $\pm$ 11.012 χ^2 /NDF: 38.9/31

In: 0.029 $\pm$ 15.614 χ^2 /NDF:16.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.746 $\pm$ 11.012 χ^2 /NDF: 38.9/31

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.944 $\pm$ 0.011 χ^2 /NDF: 3244282.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.852 $\pm$ 0.011 χ^2 /NDF: 3525363.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

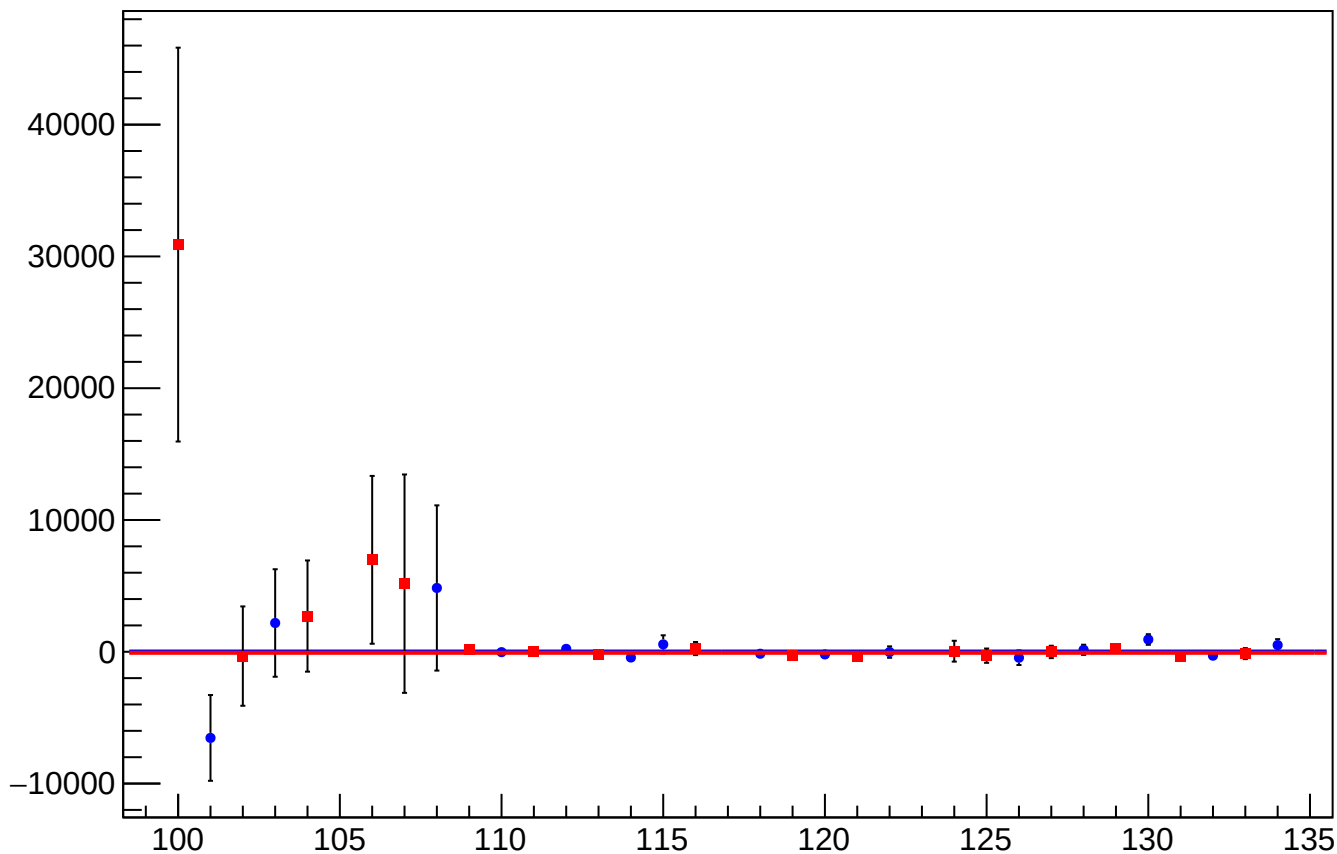
Right: 33.897 $\pm$ 0.008 χ^2 /NDF: 6769681.0/31

In: 33.944 $\pm$ 0.011 χ^2 /NDF:3244282.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.897 $\pm$ 0.008 χ^2 /NDF: 6769681.0/31

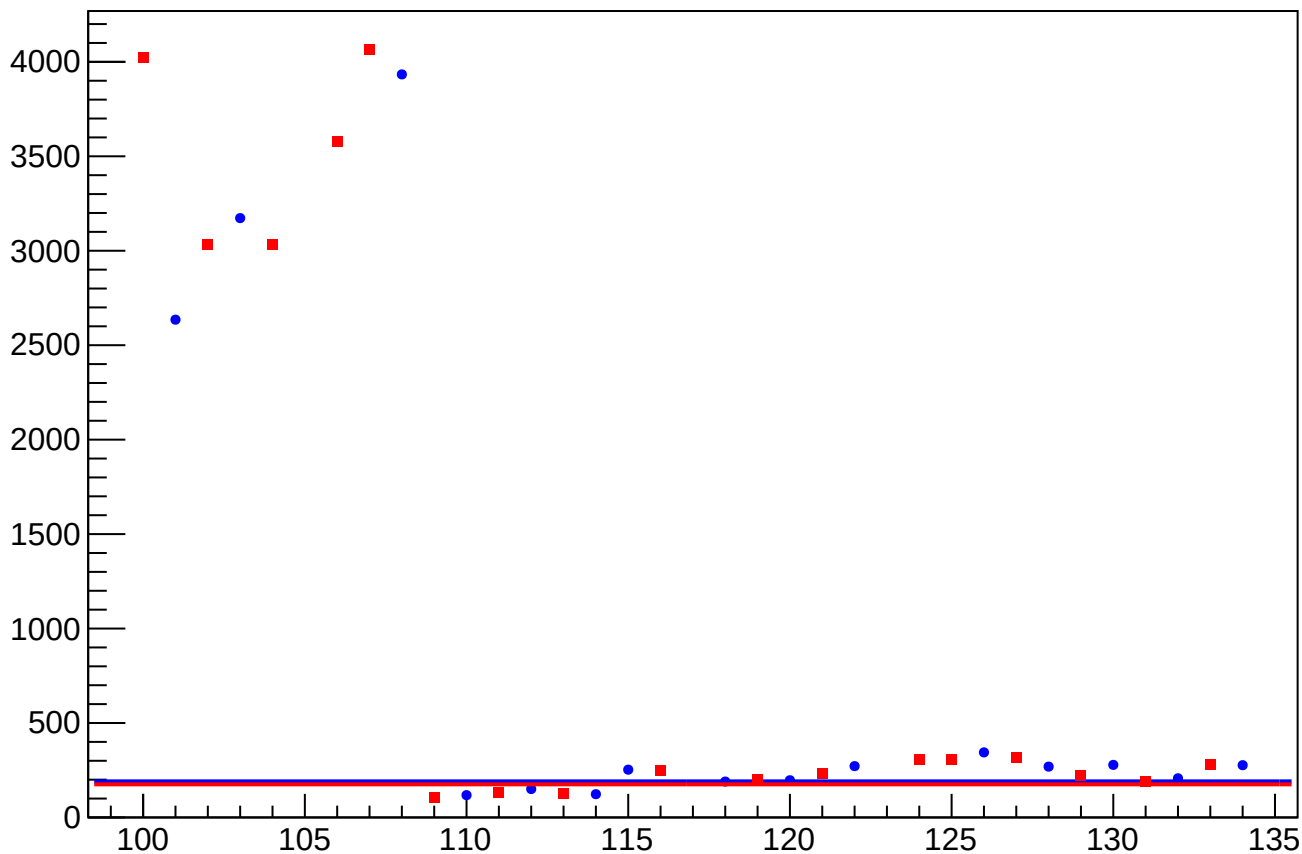
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 19.636+/-92.662 χ^2/NDF : 17.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -77.981+/-85.650 χ^2/NDF : 11.6/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -33.005+/-62.897 χ^2/NDF : 29.2/31
 In: 19.636+/-92.662 χ^2/NDF : 17.0/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -33.005+/-62.897 χ^2/NDF : 29.2/31

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.000+/-0.066 χ^2/NDF : 3819183.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.273+/-0.061 χ^2/NDF : 4289902.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

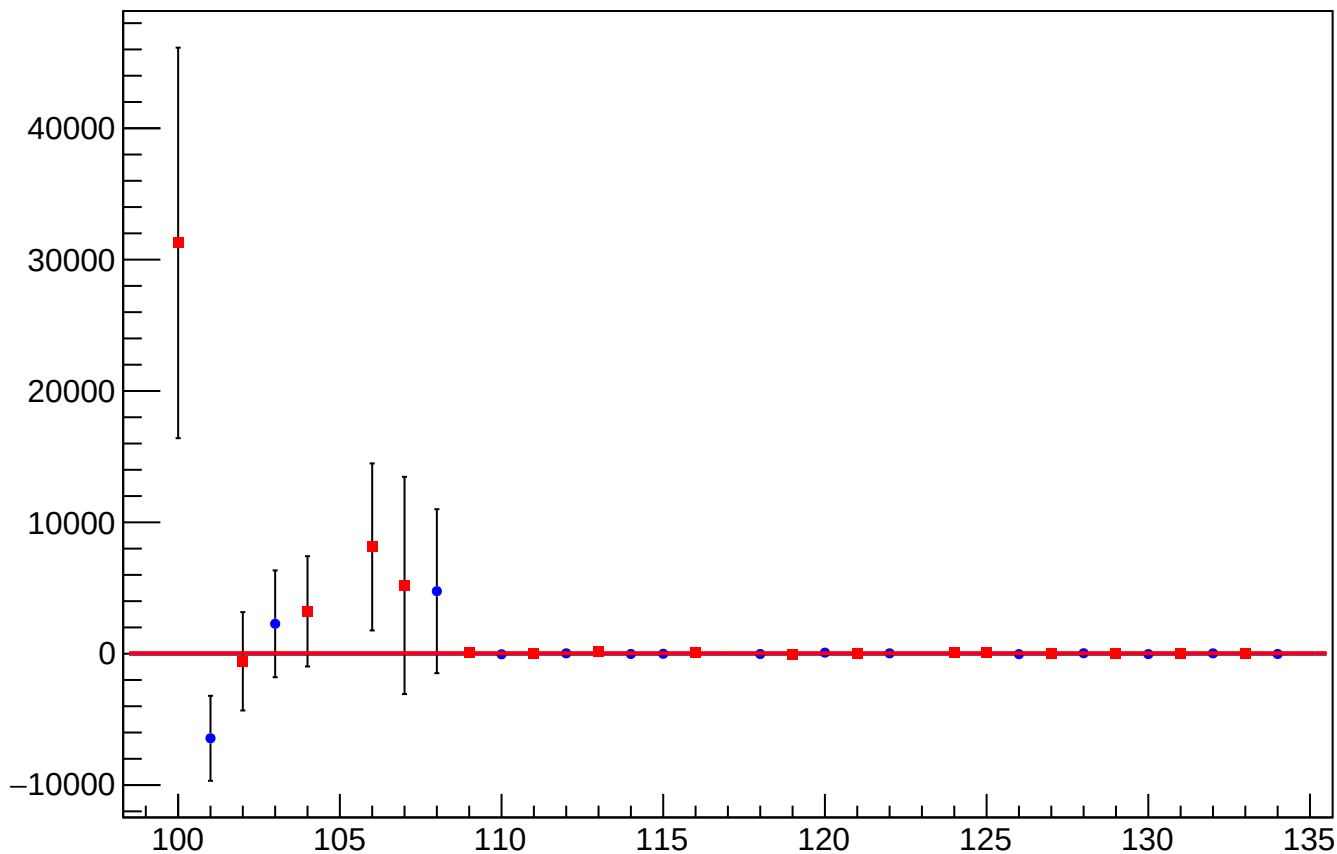
Right: 182.519+/-0.044 χ^2/NDF : 8140152.2/31

In: 191.000+/-0.066 χ^2/NDF : 3819183.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.519+/-0.044 χ^2/NDF : 8140152.2/31

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.753+/-14.267 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.572+/-14.229 χ^2/NDF : 21.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

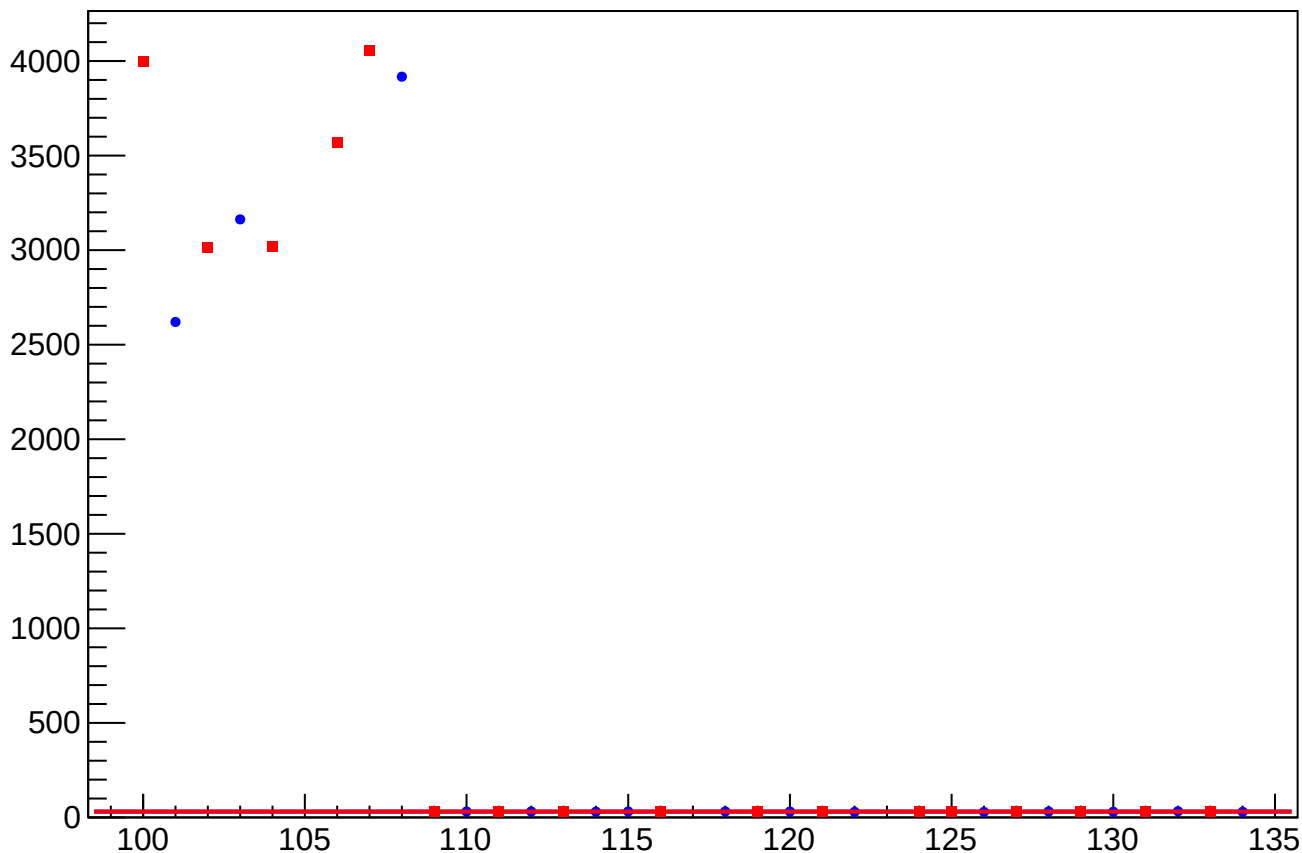
Right: 17.705+/-10.075 χ^2/NDF : 35.1/31

In: 1.753+/-14.267 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.705+/-10.075 χ^2/NDF : 35.1/31

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.989+/-0.010 χ^2/NDF : 3252381.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.986+/-0.010 χ^2/NDF : 3533087.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

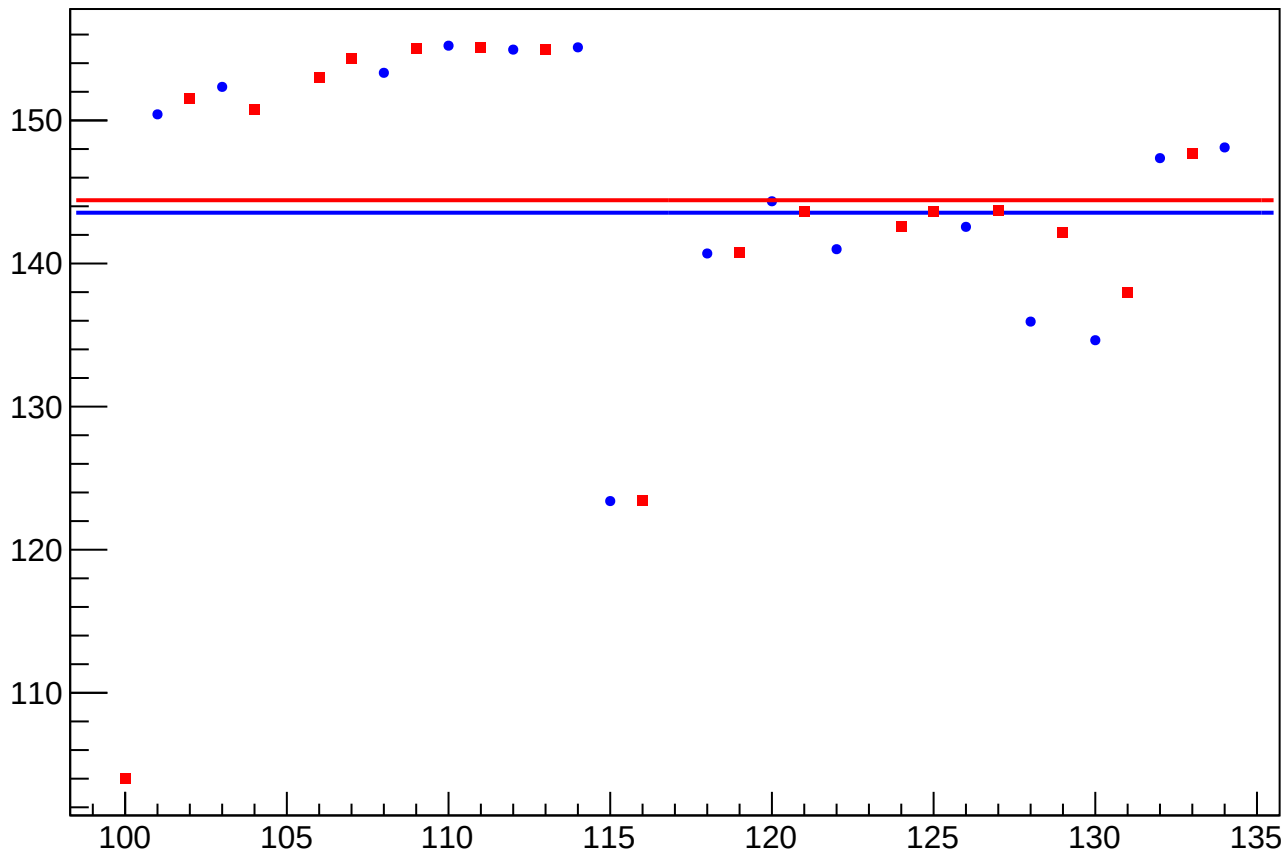
Right: 30.988+/-0.007 χ^2/NDF : 6785468.5/31

In: 30.989+/-0.010 χ^2/NDF : 3252381.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.988+/-0.007 χ^2/NDF : 6785468.5/31

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 143.550 $\pm$ 0.000 χ^2 /NDF: 3566496735.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.423 $\pm$ 0.000 χ^2 /NDF: 4202069531.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

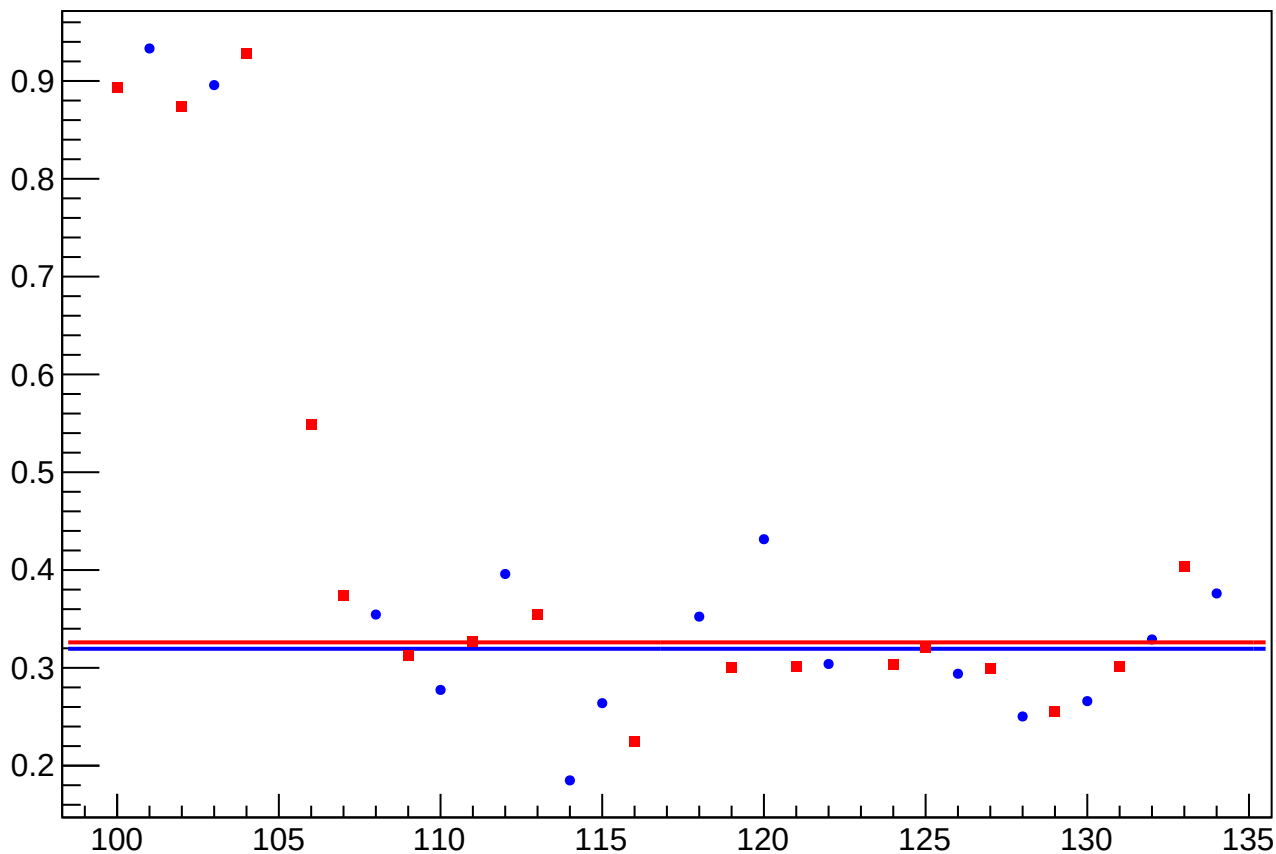
Right: 143.991 $\pm$ 0.000 χ^2 /NDF: 7787820936.8/31

In: 143.550 $\pm$ 0.000 χ^2 /NDF:3566496735.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.991 $\pm$ 0.000 χ^2 /NDF: 7787820936.8

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.319+/-0.000 χ^2/NDF : 1386686.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.326+/-0.000 χ^2/NDF : 1293040.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

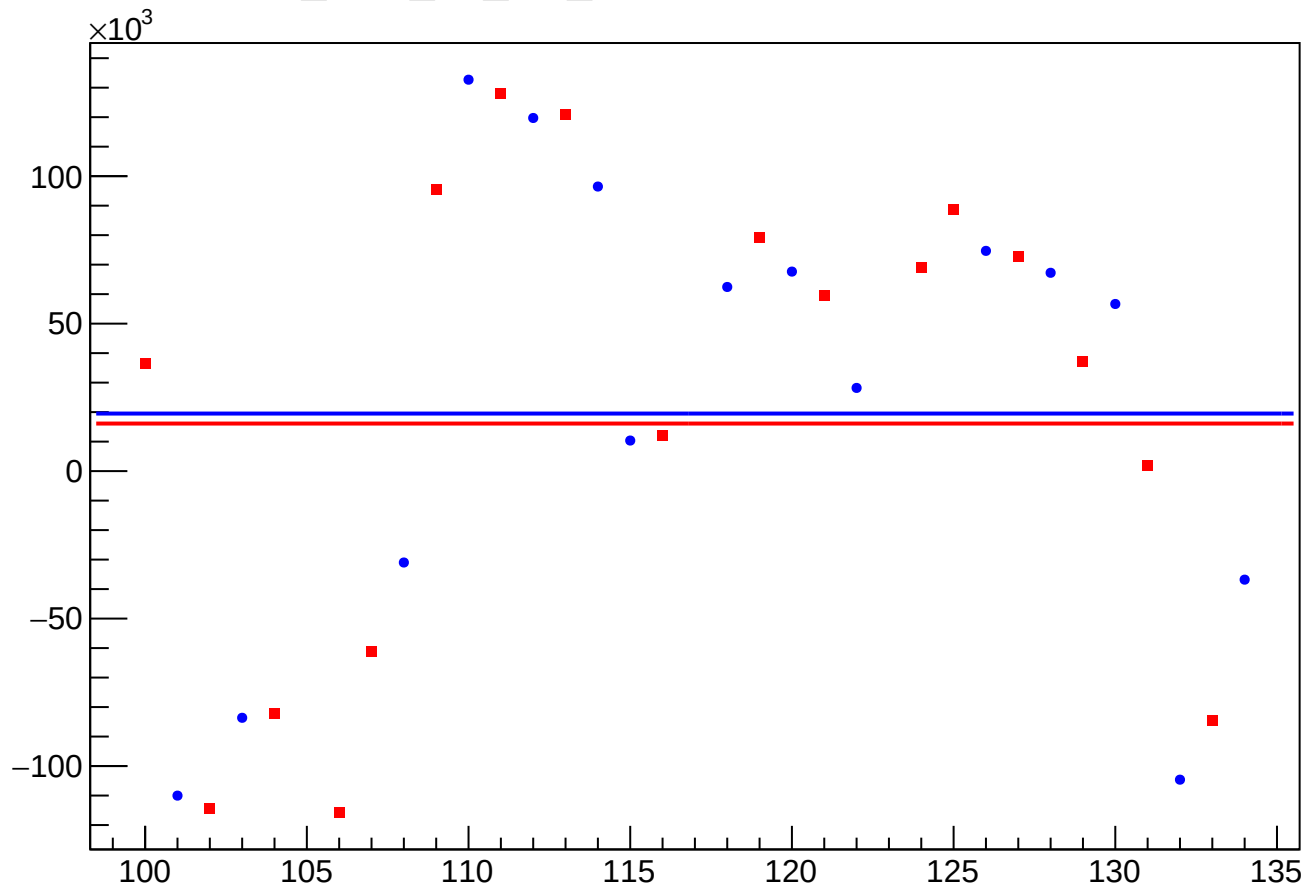
Right: 0.323+/-0.000 χ^2/NDF : 2681909.3/31

In: 0.319+/-0.000 χ^2/NDF : 1386686.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

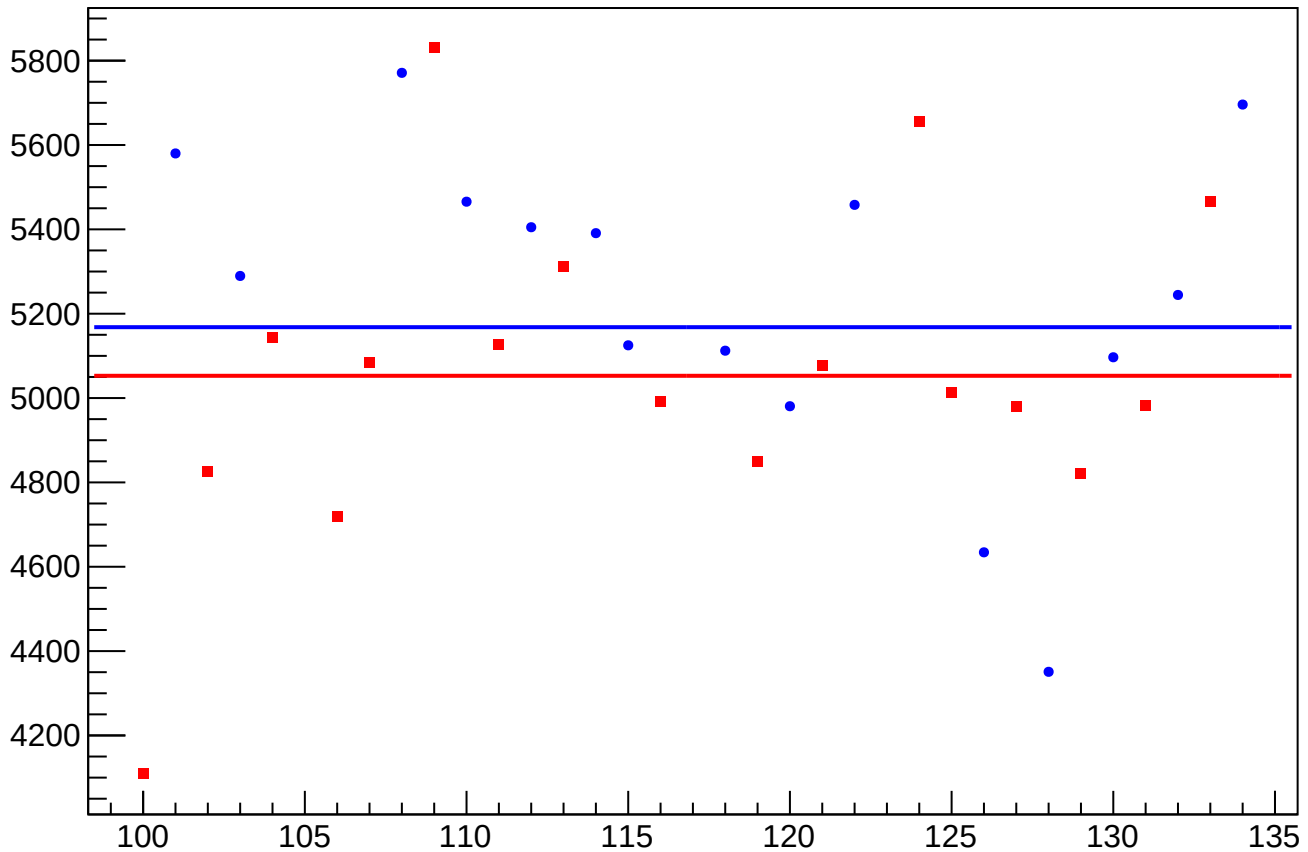
All: 0.323+/-0.000 χ^2/NDF : 2681909.3/31

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 19512.605 $\pm$ 2.124 χ^2 /NDF: 1391759983.7/14
 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: 17717.181 $\pm$ 1.457 χ^2 /NDF: 3222511870.5/3
 In: 19512.605 $\pm$ 2.124 χ^2 /NDF: 1391759983.7/14
 Right Out: 16123.661 $\pm$ 2.001 χ^2 /NDF: 1829403328.0/16
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 17717.181 $\pm$ 1.457 χ^2 /NDF: 3222511870.5/3

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5168.048 $\pm$ 1.502 χ^2 /NDF: 74133.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5052.777 $\pm$ 1.415 χ^2 /NDF: 45954.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

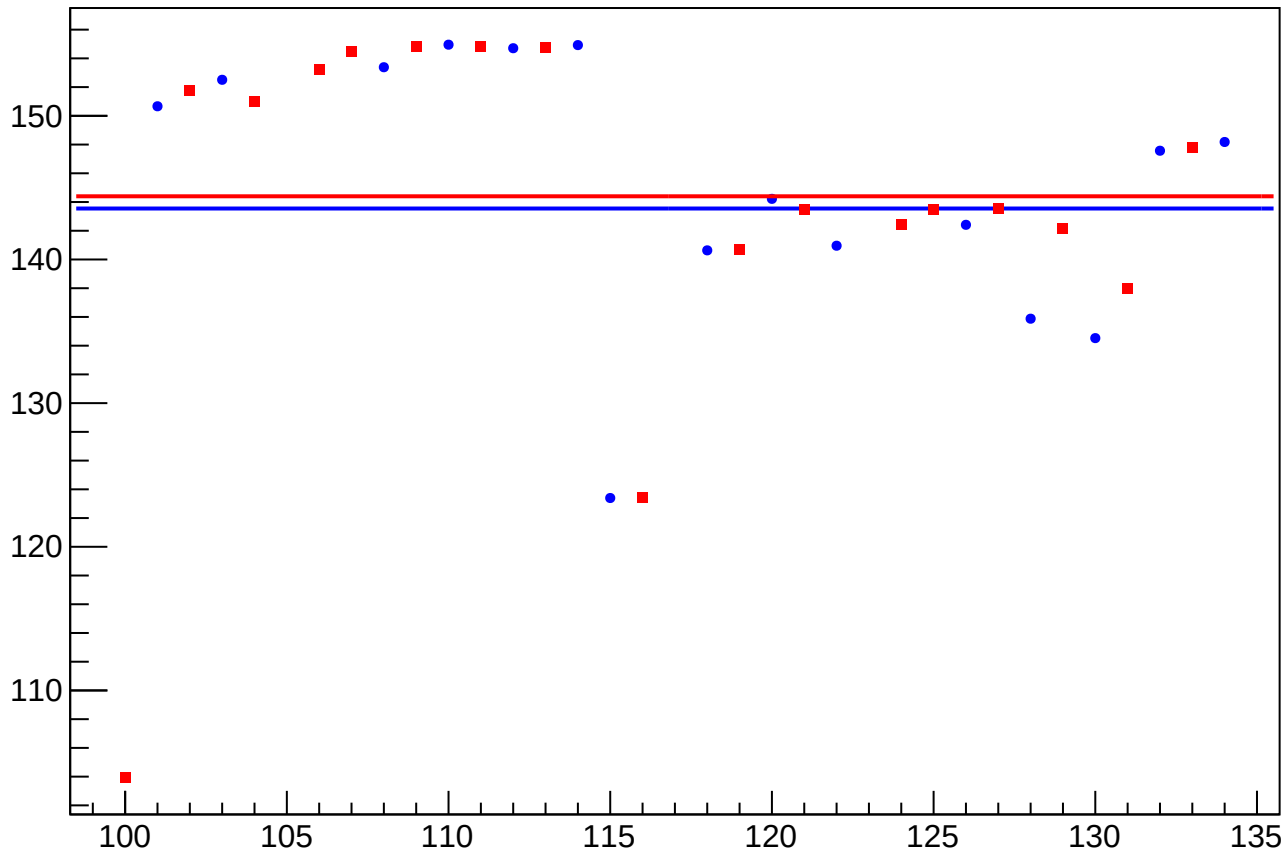
Right: 5106.979 $\pm$ 1.030 χ^2 /NDF: 123209.1/31

In: 5168.048 $\pm$ 1.502 χ^2 /NDF:74133.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

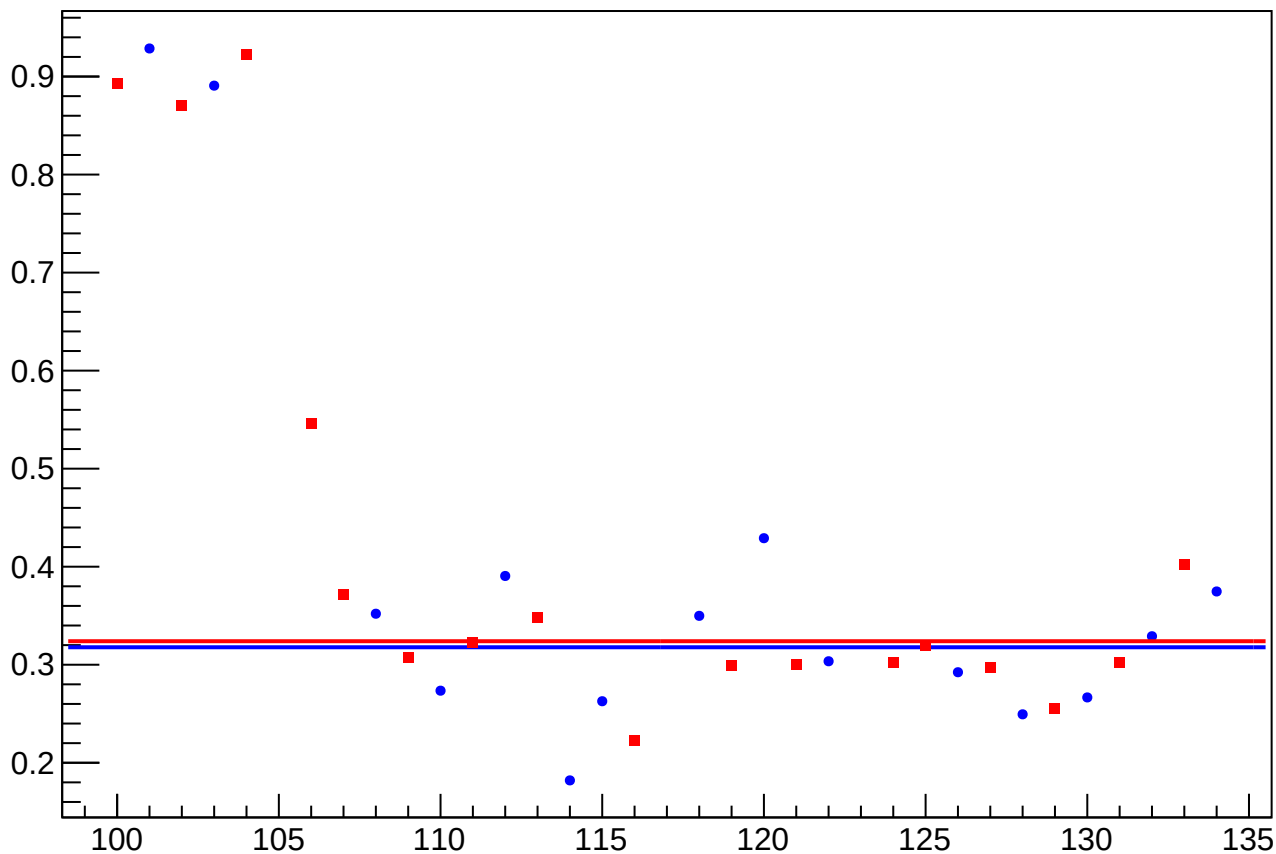
All: 5106.979 $\pm$ 1.030 χ^2 /NDF: 123209.1/31

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.548 $\pm$ 0.000 χ^2 /NDF: 3605363285.8/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.399 $\pm$ 0.000 χ^2 /NDF: 4228839321.3/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143.979 $\pm$ 0.000 χ^2 /NDF: 7852730118.4/31

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.318+/-0.000 χ^2/NDF : 1386330.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-0.000 χ^2/NDF : 1291081.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

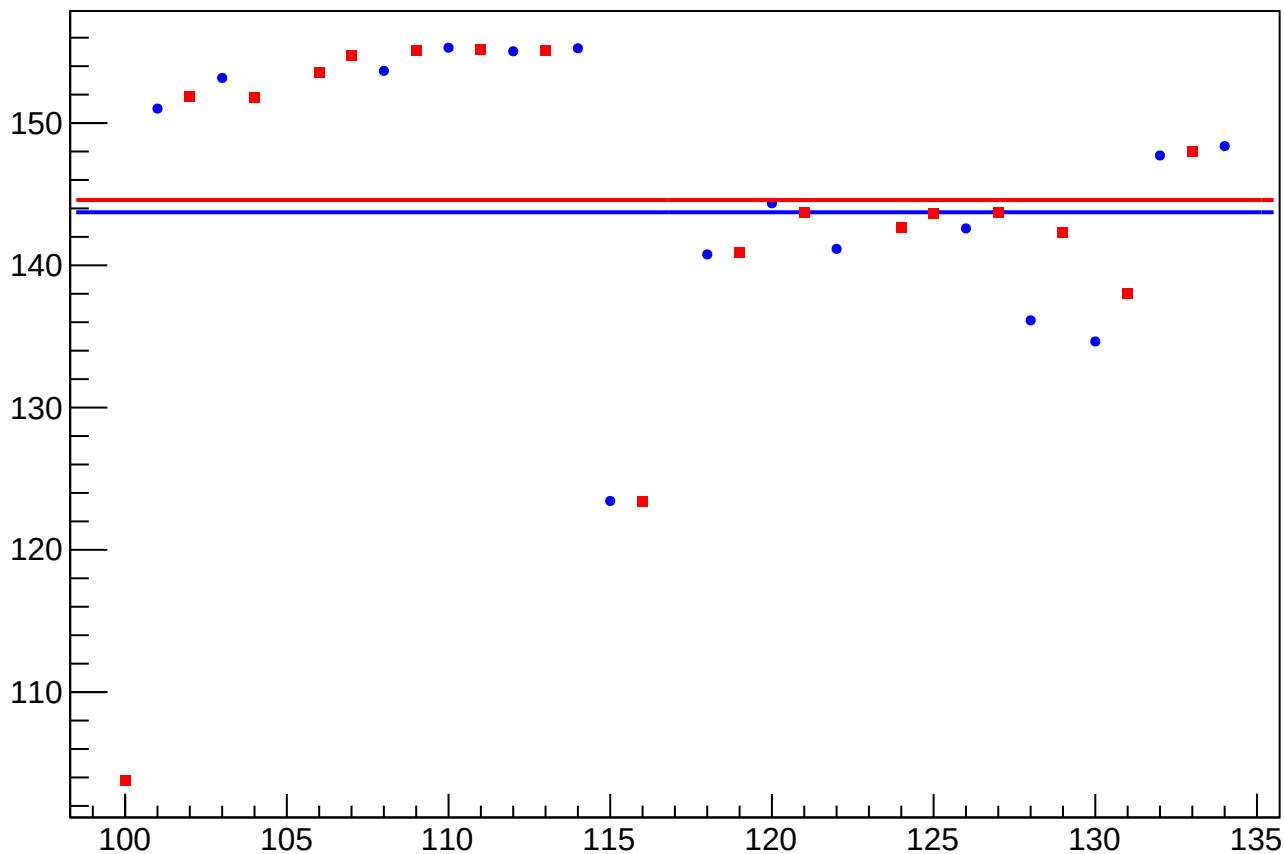
Right: 0.321+/-0.000 χ^2/NDF : 2679354.1/31

In: 0.318+/-0.000 χ^2/NDF : 1386330.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

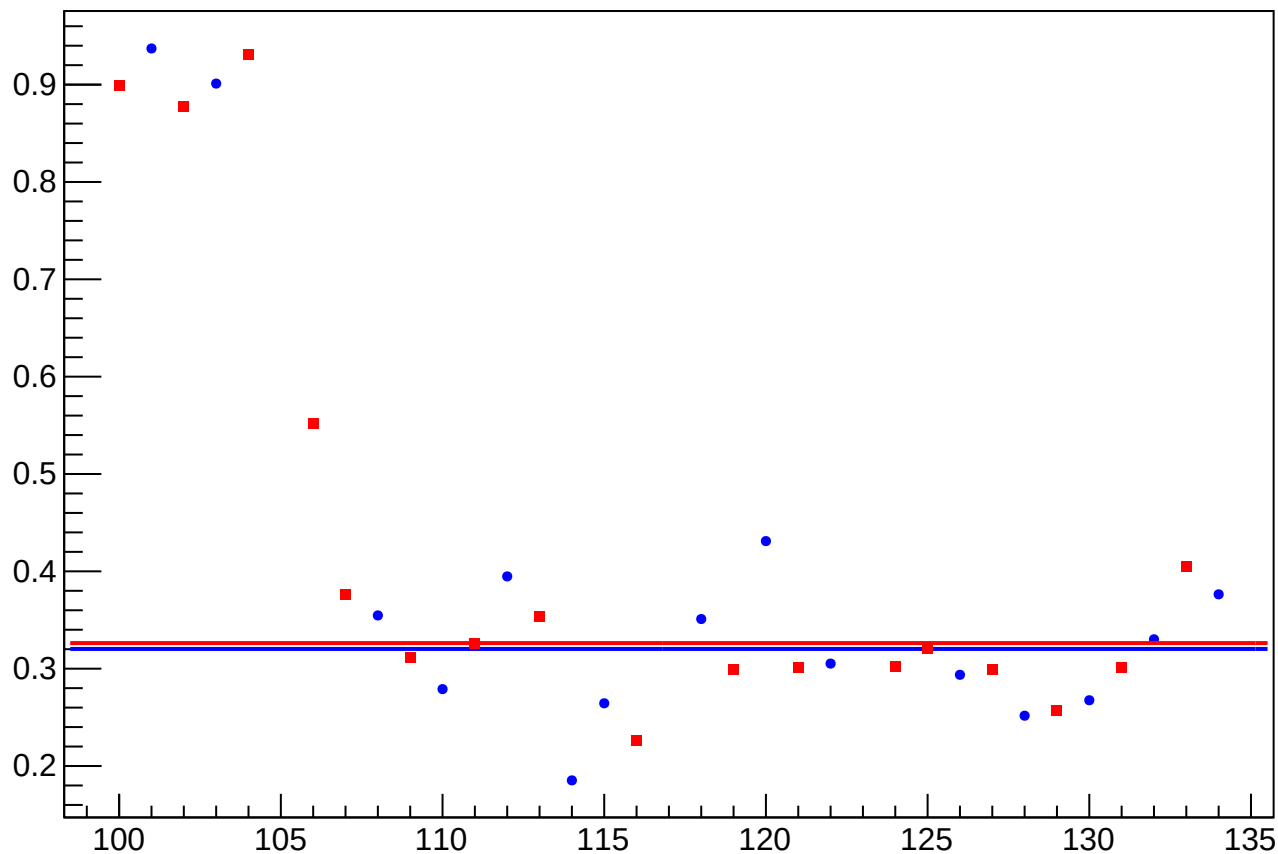
All: 0.321+/-0.000 χ^2/NDF : 2679354.1/31

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.730+/-0.000 χ^2/NDF : 3598169604.7/14
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 144.165+/-0.000 χ^2/NDF : 7837506344.3/31
 Right Out: 144.590+/-0.000 χ^2/NDF : 4220689697.8/16
 In: 143.730+/-0.000 χ^2/NDF : 3598169604.7/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.165+/-0.000 χ^2/NDF : 7837506344.3

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.320+/-0.000 χ^2/NDF : 1382822.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.326+/-0.000 χ^2/NDF : 1291782.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

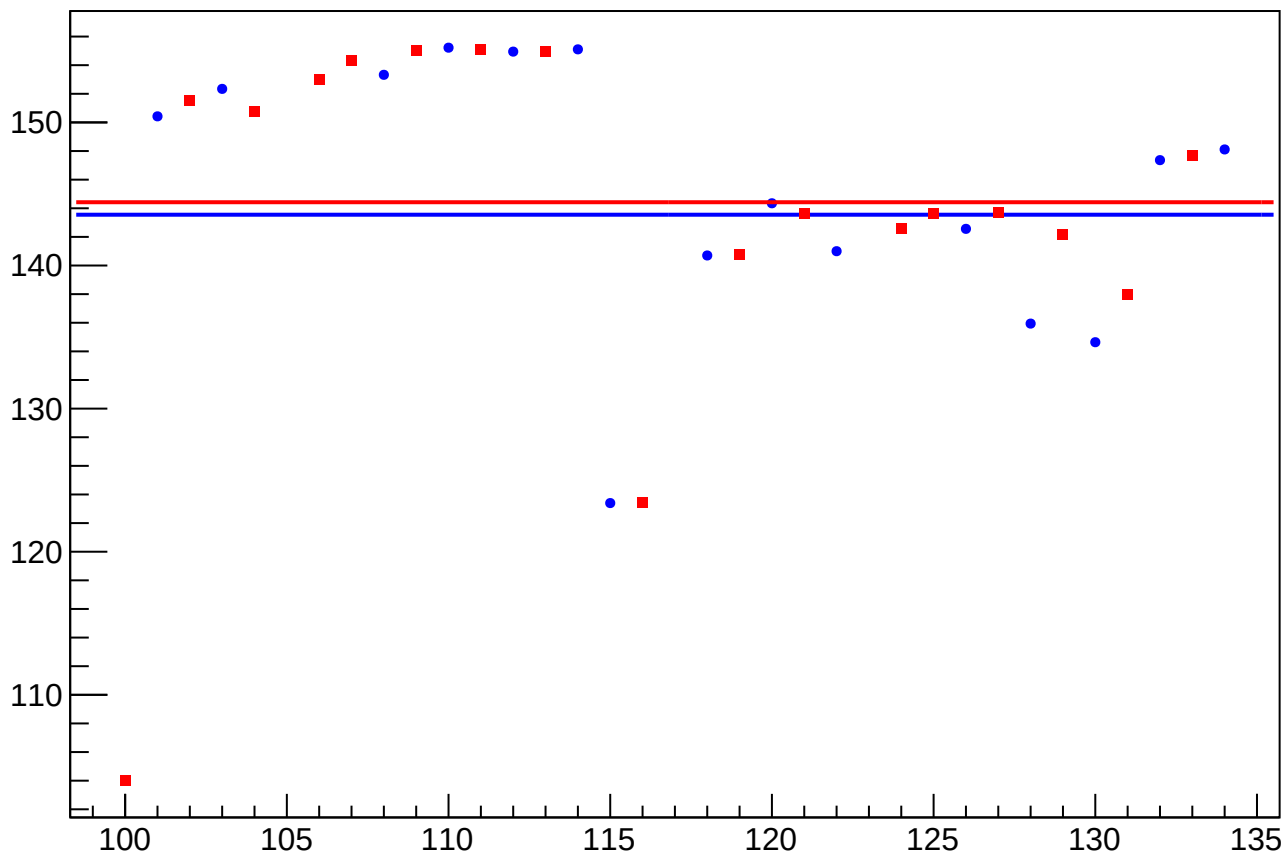
Right: 0.323+/-0.000 χ^2/NDF : 2676430.7/31

In: 0.320+/-0.000 χ^2/NDF : 1382822.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

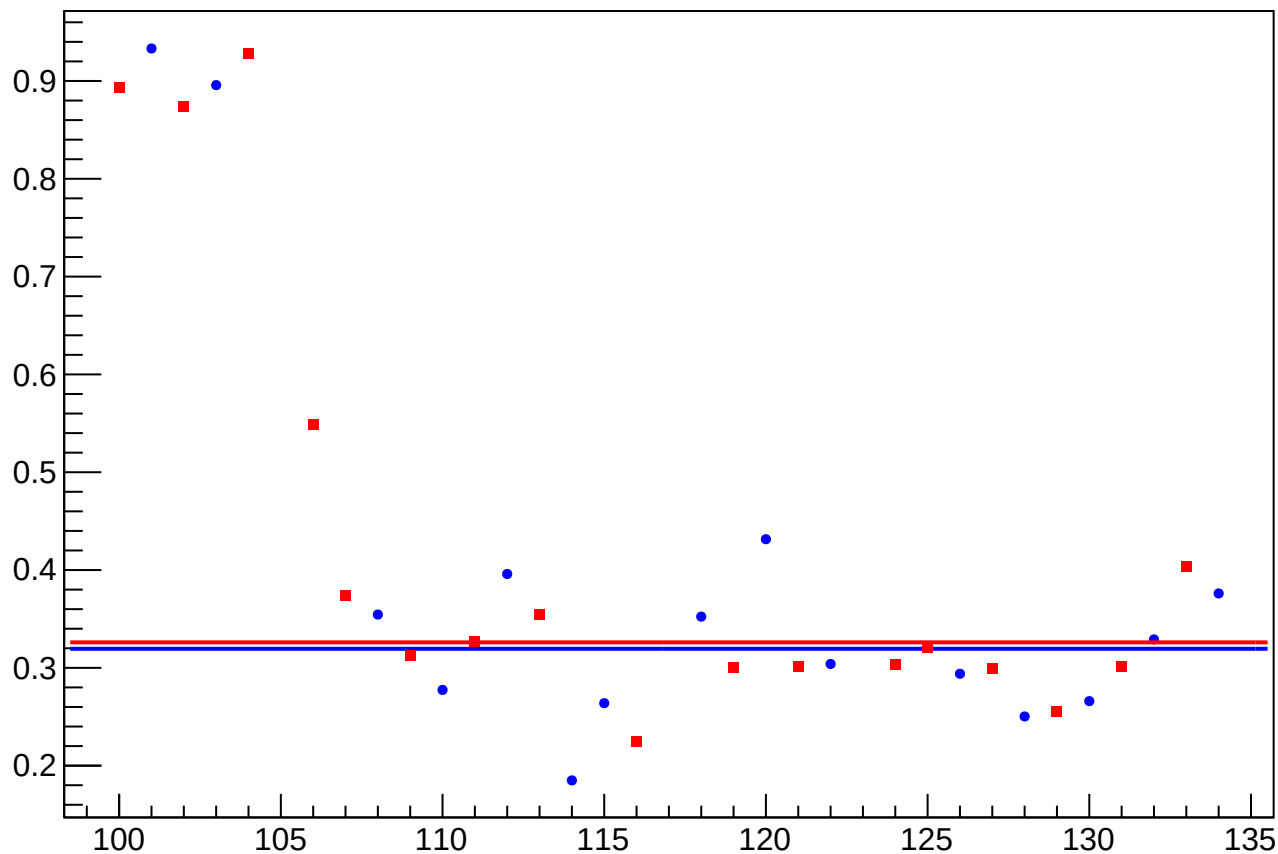
All: 0.323+/-0.000 χ^2/NDF : 2676430.7/31

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.550 $\pm$ 0.000 χ^2 /NDF: 3566496735.5/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.423 $\pm$ 0.000 χ^2 /NDF: 4202069531.8/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143.991 $\pm$ 0.000 χ^2 /NDF: 7787820936.8/31
 In: 143.550 $\pm$ 0.000 χ^2 /NDF:3566496735.5/14
 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: 143.991 $\pm$ 0.000 χ^2 /NDF: 7787820936.8/31

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.319+/-0.000 χ^2/NDF : 1386686.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.326+/-0.000 χ^2/NDF : 1293040.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

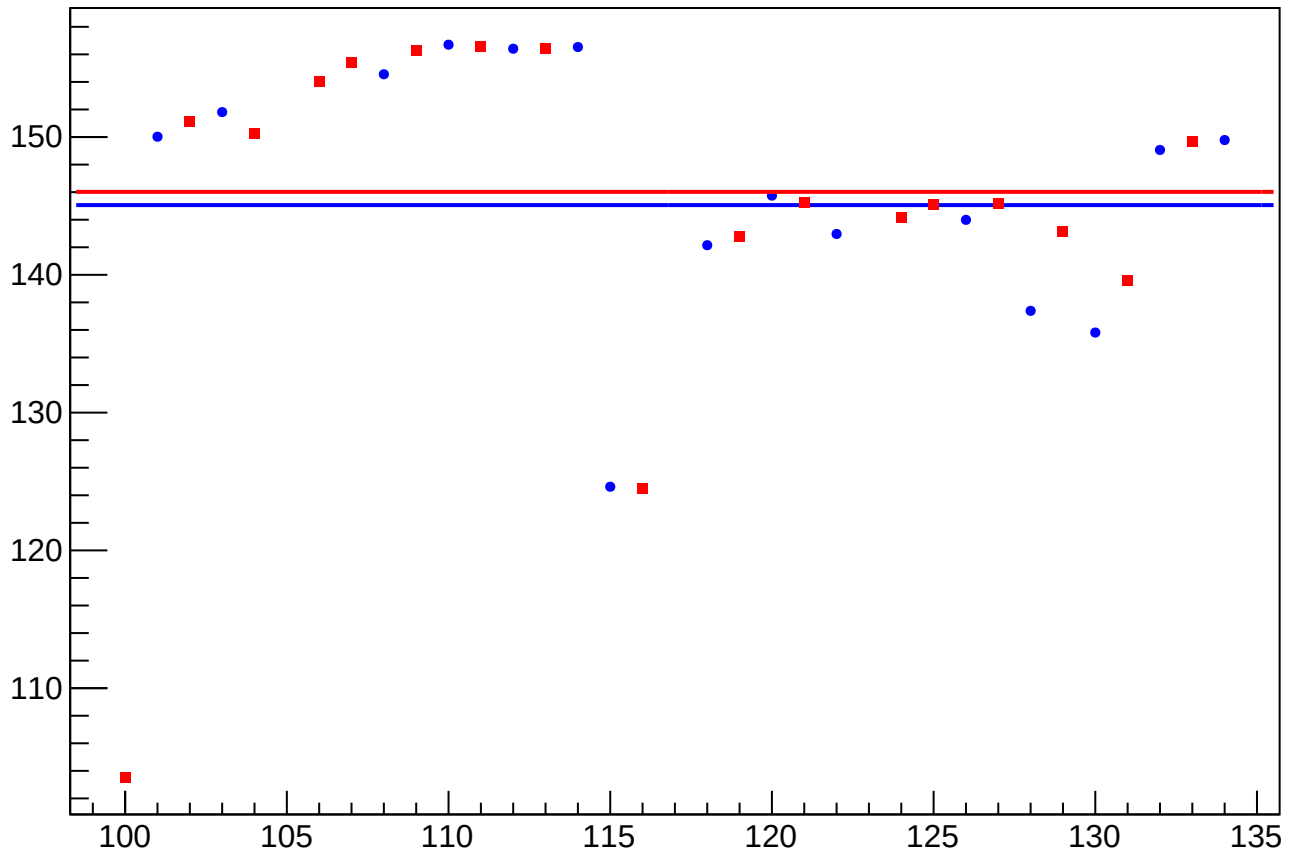
Right: 0.323+/-0.000 χ^2/NDF : 2681909.3/31

In: 0.319+/-0.000 χ^2/NDF : 1386686.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

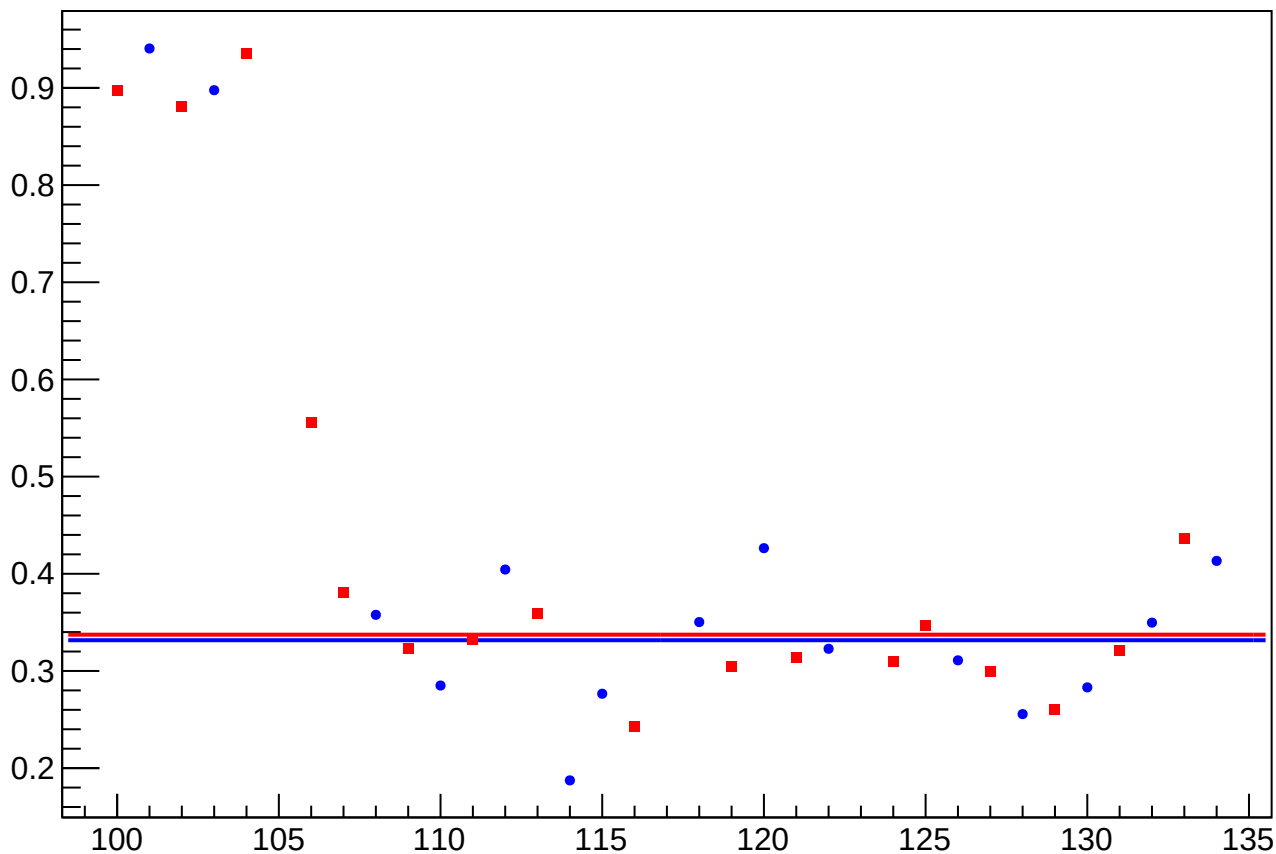
All: 0.323+/-0.000 χ^2/NDF : 2681909.3/31

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 145.061+/-0.000 χ^2/NDF : 3335090101.8/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 146.023+/-0.000 χ^2/NDF : 3805886689.4/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 145.549+/-0.000 χ^2/NDF : 7162809524.7/31

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.332+/-0.000 χ^2/NDF : 1349076.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.337+/-0.000 χ^2/NDF : 1259804.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

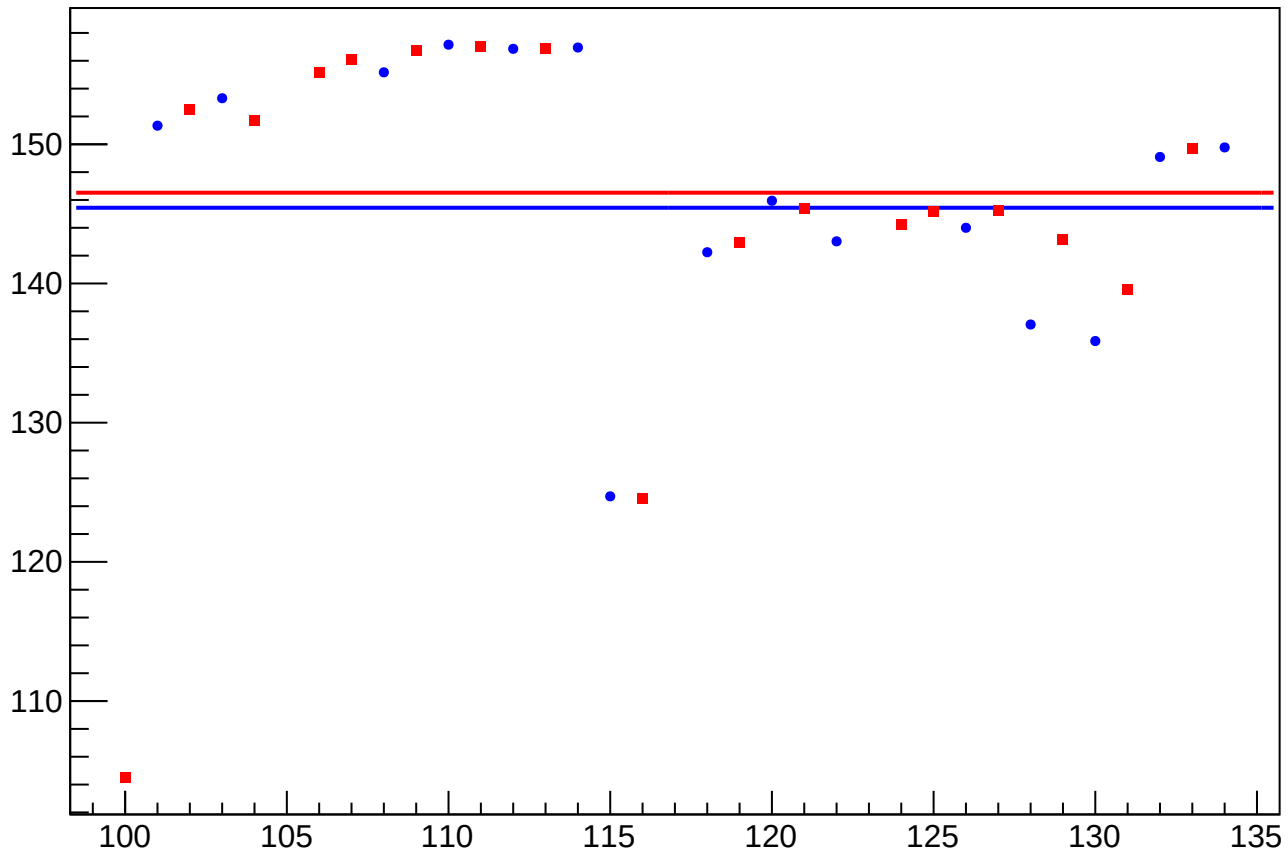
Right: 0.335+/-0.000 χ^2/NDF : 2610415.3/31

In: 0.332+/-0.000 χ^2/NDF : 1349076.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

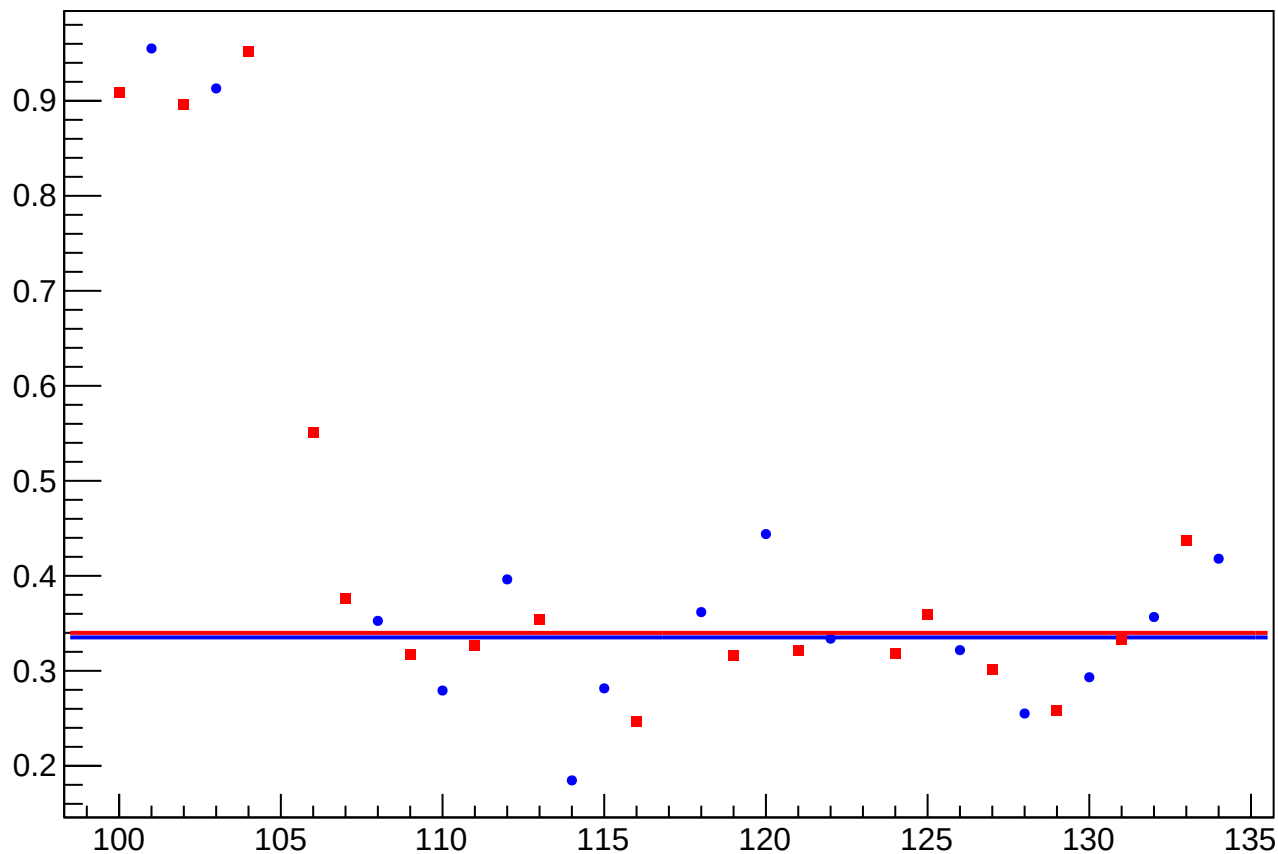
All: 0.335+/-0.000 χ^2/NDF : 2610415.3/31

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 145.441+/-0.000 χ^2/NDF : 3499321146.4/14
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 146.522+/-0.000 χ^2/NDF : 3901132984.1/16
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 145.990+/-0.000 χ^2/NDF : 7427451973.3/31
 In: 145.441+/-0.000 χ^2/NDF :3499321146.4/14
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 145.990+/-0.000 χ^2/NDF : 7427451973.3

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.335+/-0.000 χ^2/NDF : 1373367.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.340+/-0.000 χ^2/NDF : 1258089.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

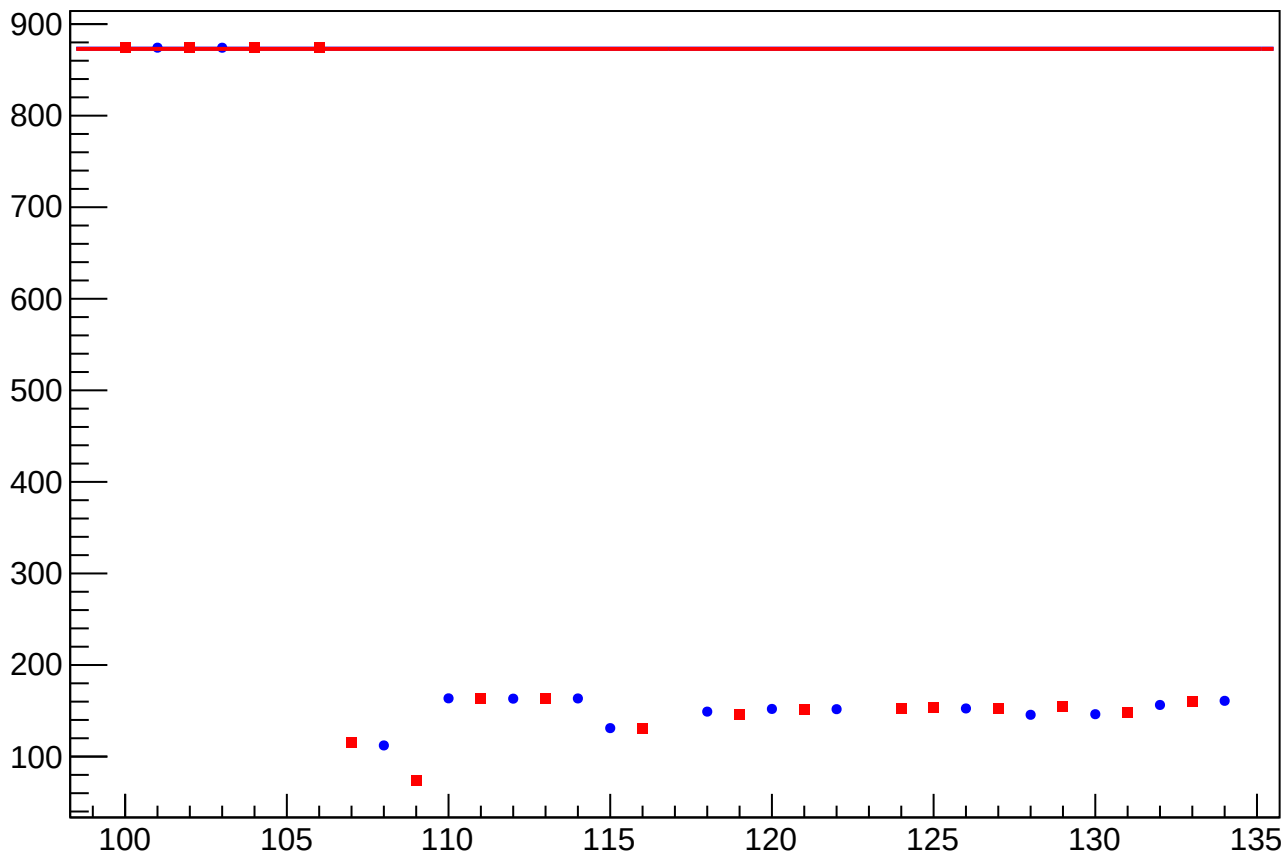
Right: 0.338+/-0.000 χ^2/NDF : 2632508.2/31

In: 0.335+/-0.000 χ^2/NDF :1373367.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

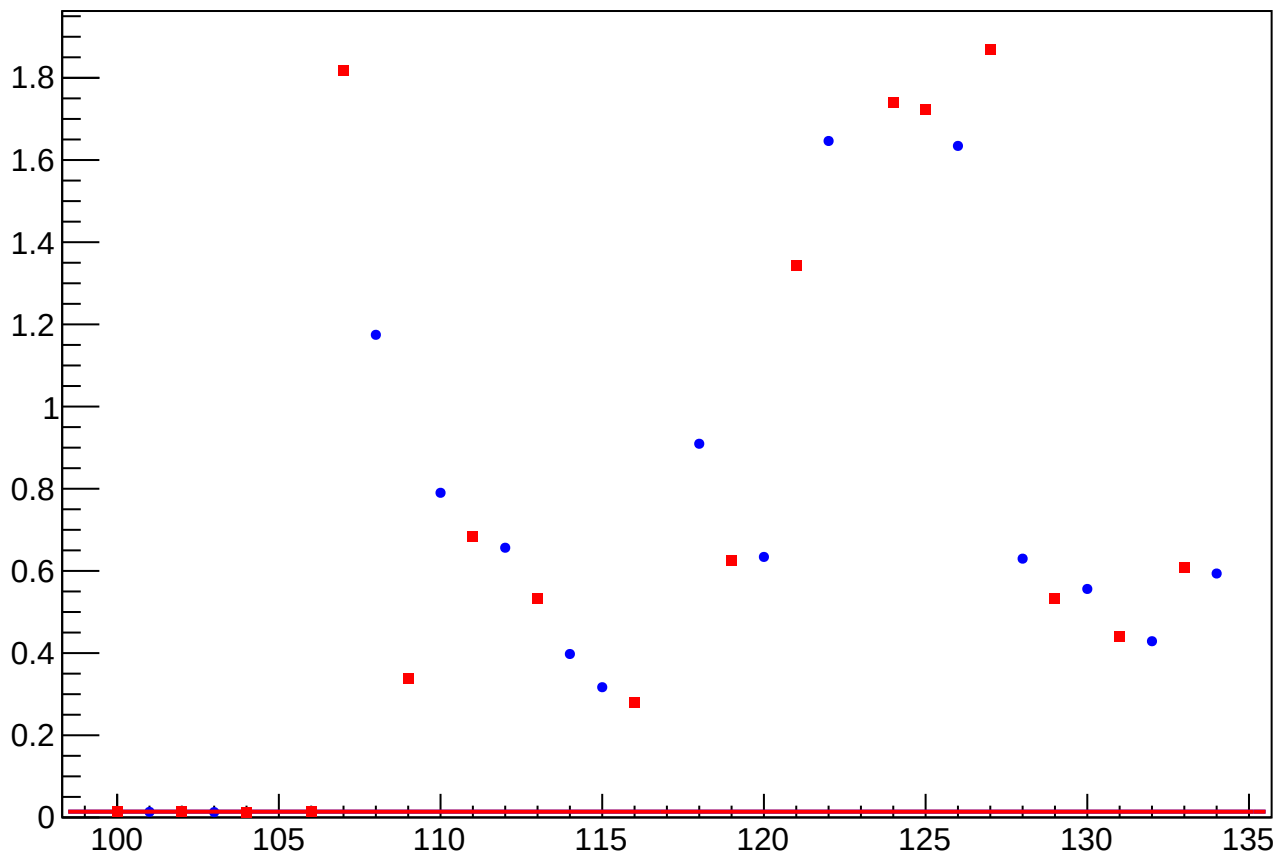
All: 0.338+/-0.000 χ^2/NDF : 2632508.2/31

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.159+/-0.000 χ^2/NDF : 5482062823002.5/14
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 872.912+/-0.000 χ^2/NDF : 7777507153654.9/16
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 873.027+/-0.000 χ^2/NDF : 13259802890137.0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 8049558.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 8170846.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

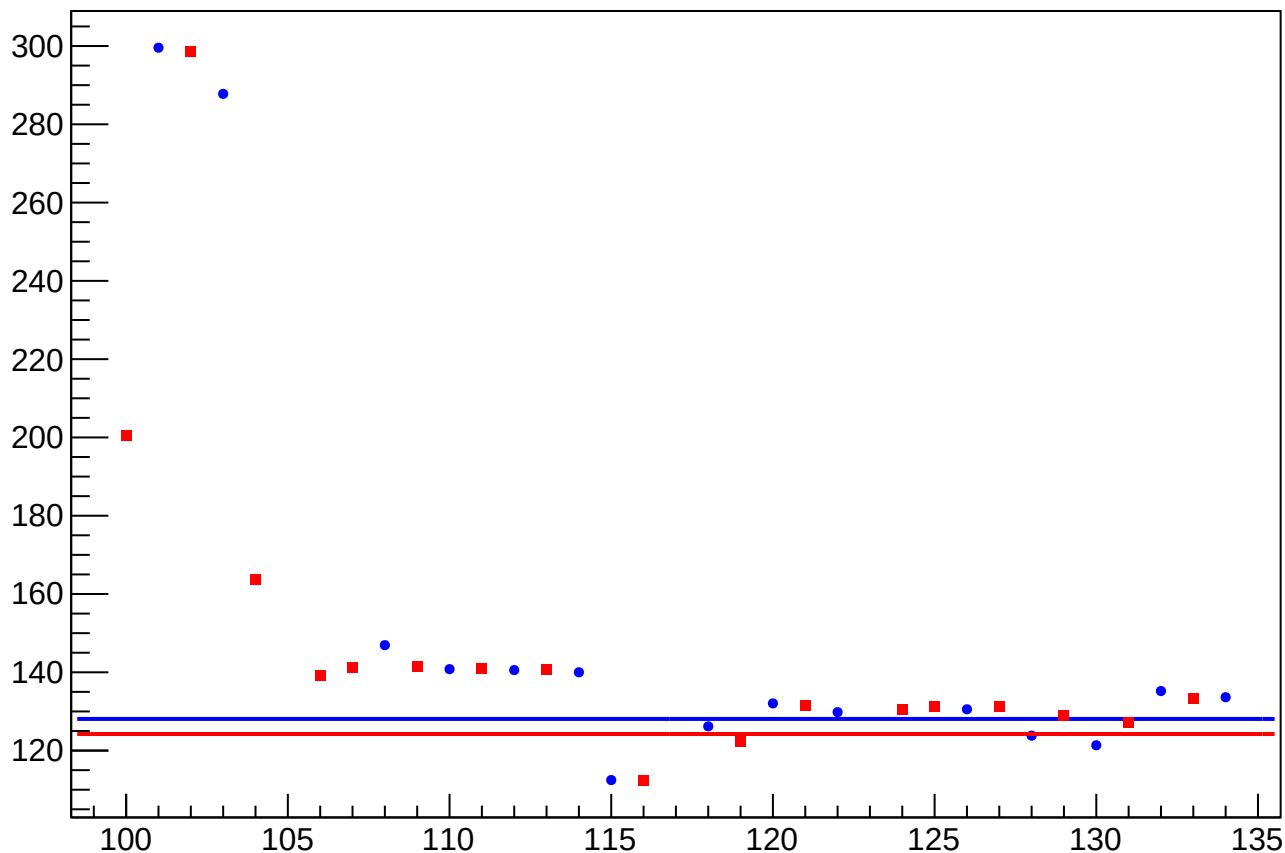
Right: 0.014+/-0.000 χ^2/NDF : 16220443.1/31

In: 0.014+/-0.000 χ^2/NDF :8049558.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 16220443.1/31

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 128.085+/-0.000 χ^2/NDF : 1612105124.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.238+/-0.000 χ^2/NDF : 1331054119.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

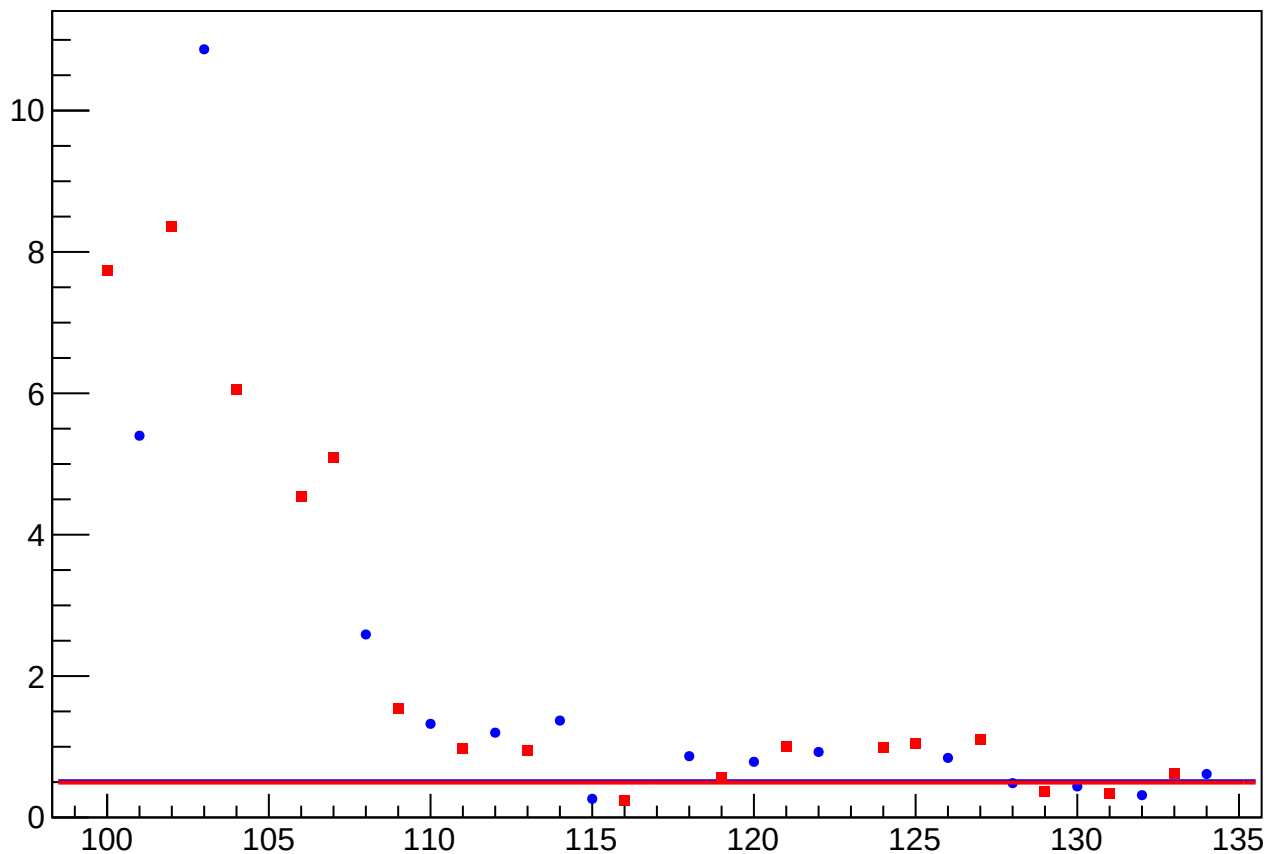
Right: 126.111+/-0.000 χ^2/NDF : 3034197843.2/31

In: 128.085+/-0.000 χ^2/NDF : 1612105124.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.111+/-0.000 χ^2/NDF : 3034197843.2

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.512+/-0.000 χ^2/NDF : 4106971.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.493+/-0.000 χ^2/NDF : 4870542.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

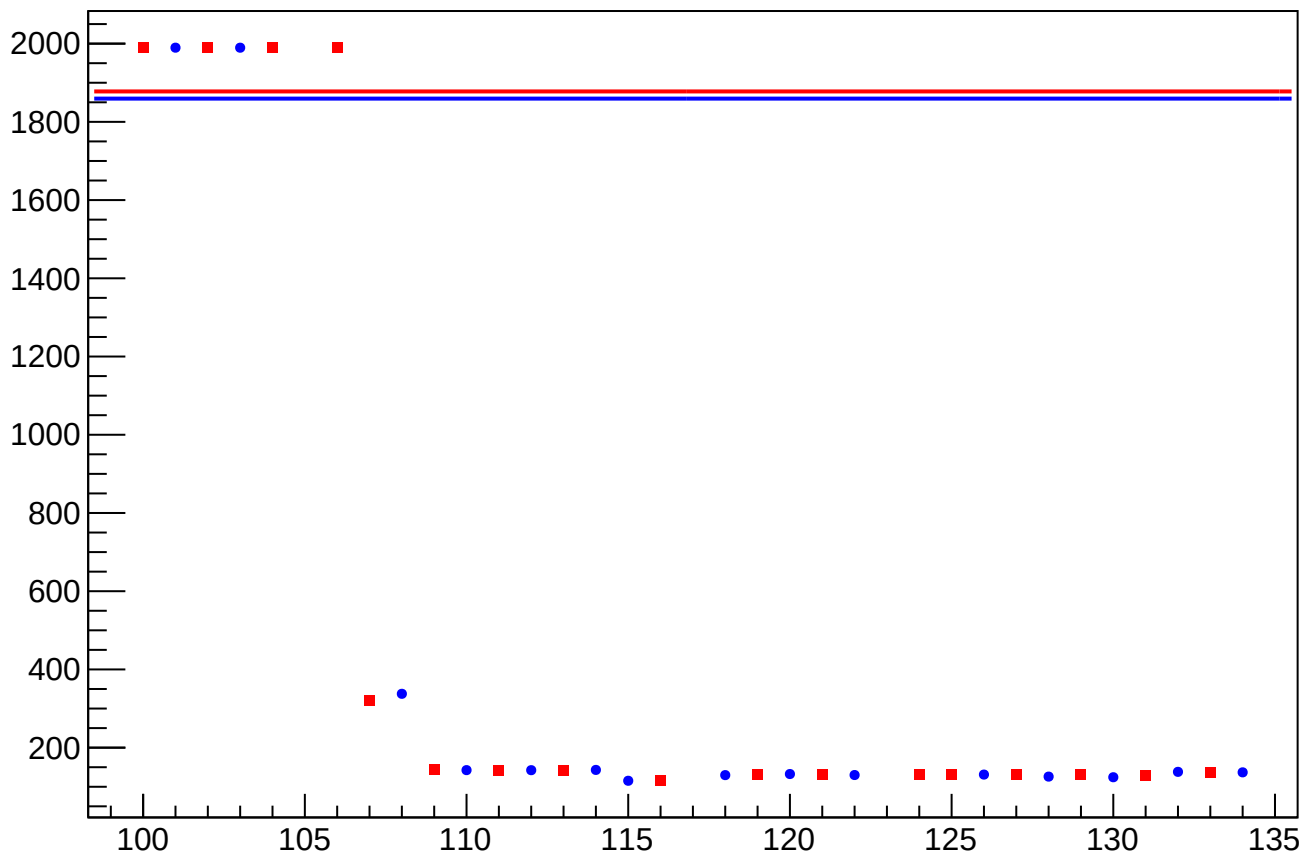
Right: 0.503+/-0.000 χ^2/NDF : 8982017.4/31

In: 0.512+/-0.000 χ^2/NDF : 4106971.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

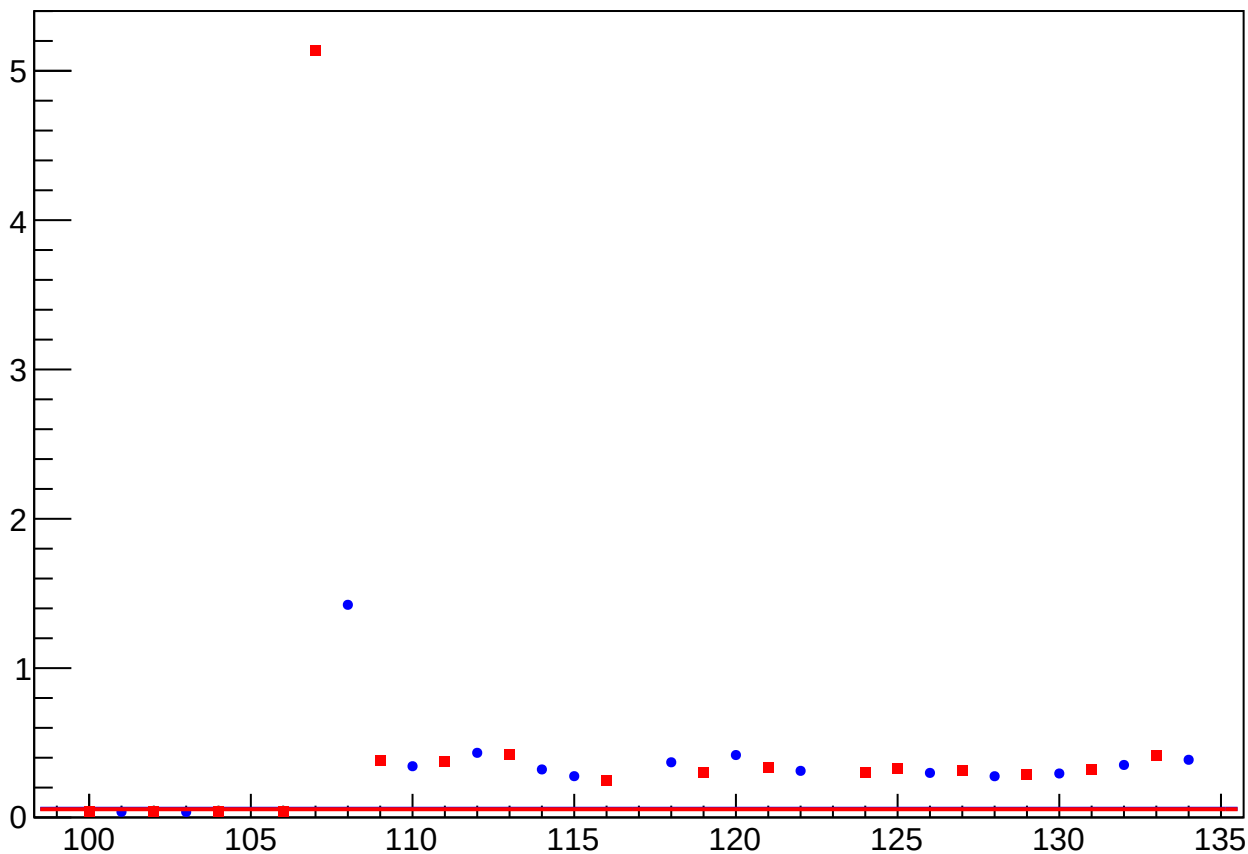
All: 0.503+/-0.000 χ^2/NDF : 8982017.4/31

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1859.444+/-0.000 χ^2/NDF : 126826654739808.8/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1877.780+/-0.000 χ^2/NDF : 129137086421470.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1869.342+/-0.000 χ^2/NDF : 25606606782493

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 6982594.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.055+/-0.000 χ^2/NDF : 6770042.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

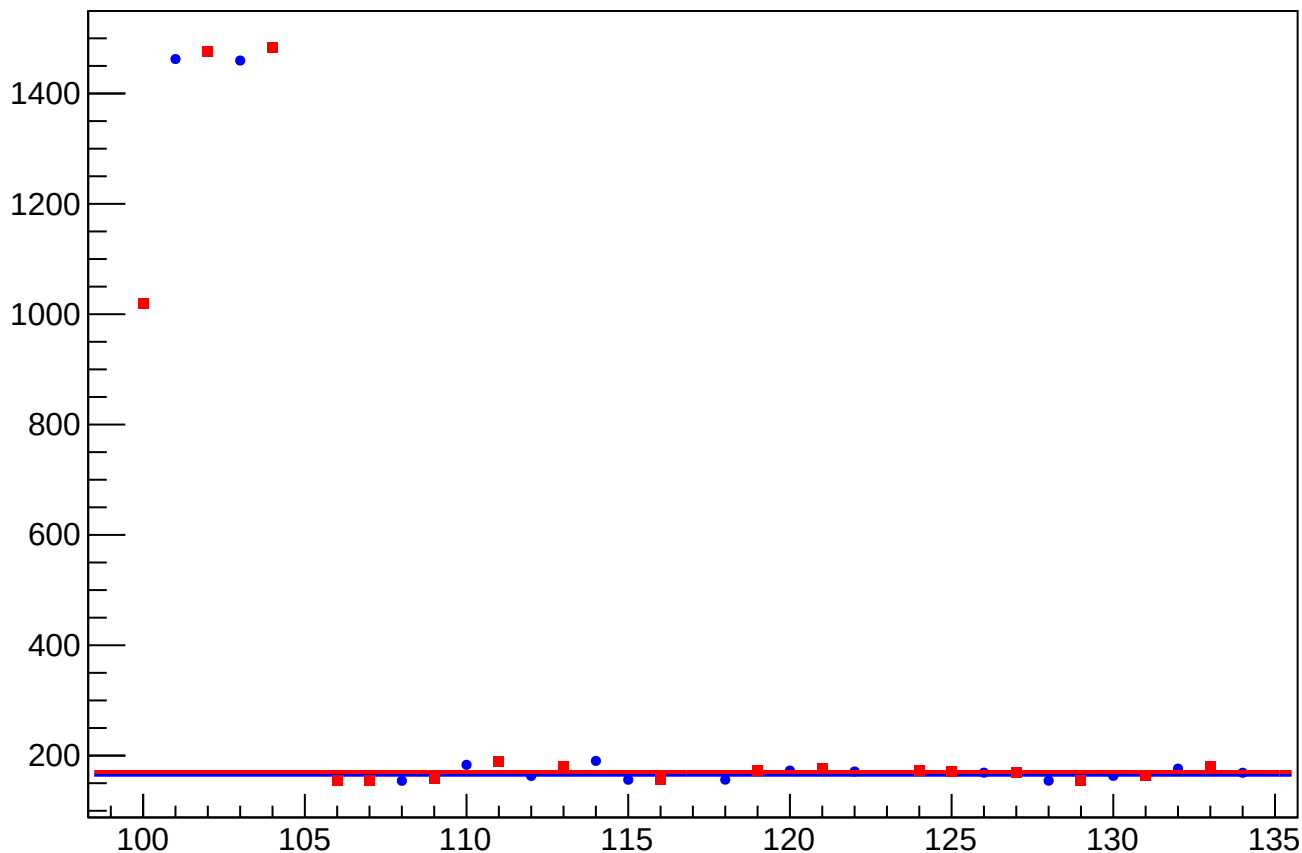
Right: 0.057+/-0.000 χ^2/NDF : 13759034.3/31

In: 0.058+/-0.000 χ^2/NDF : 6982594.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

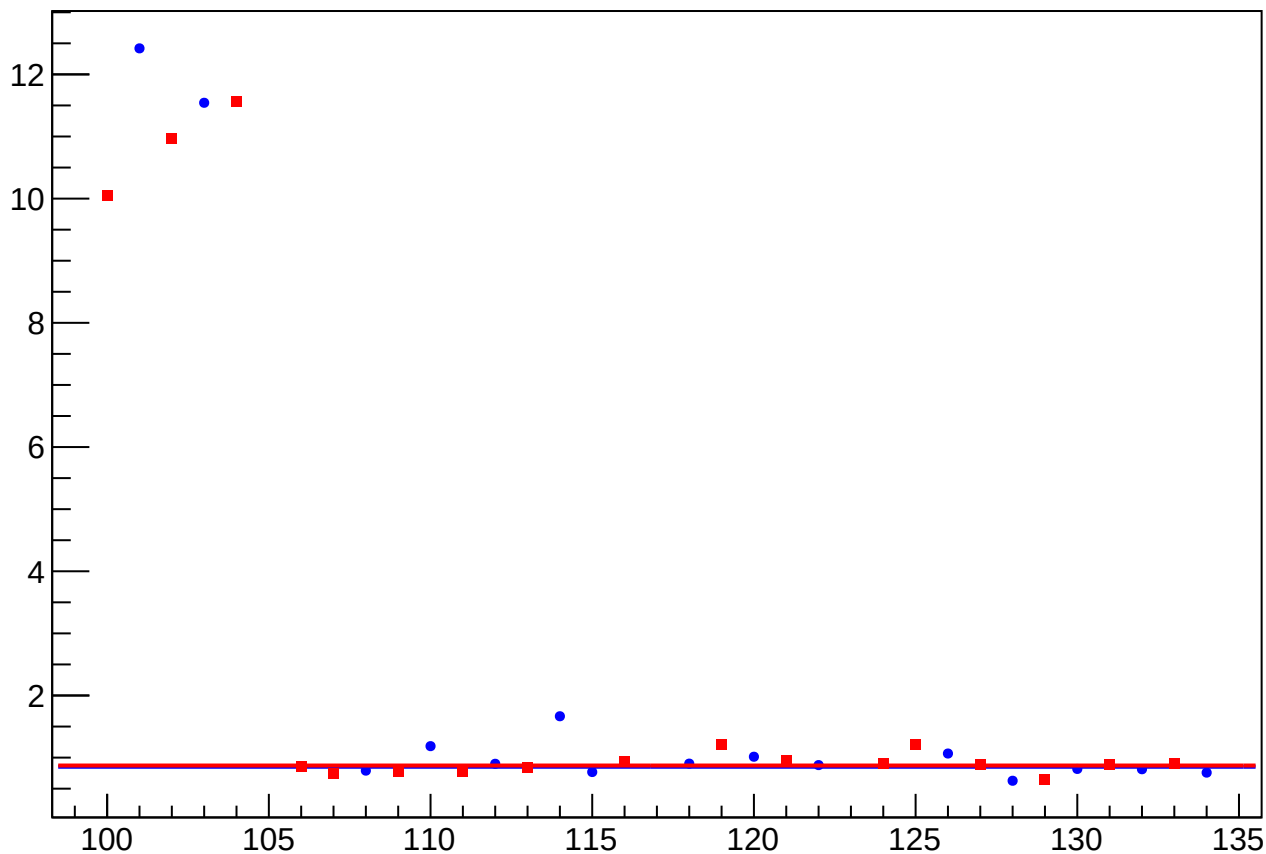
All: 0.057+/-0.000 χ^2/NDF : 13759034.3/31

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 165.375+/-0.000 χ^2/NDF : 14504742671.7/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 170.280+/-0.000 χ^2/NDF : 16232825576.4/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 167.868+/-0.000 χ^2/NDF : 30794909775.5/31

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.853+/-0.000 χ^2/NDF : 2302285.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.873+/-0.000 χ^2/NDF : 2181829.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

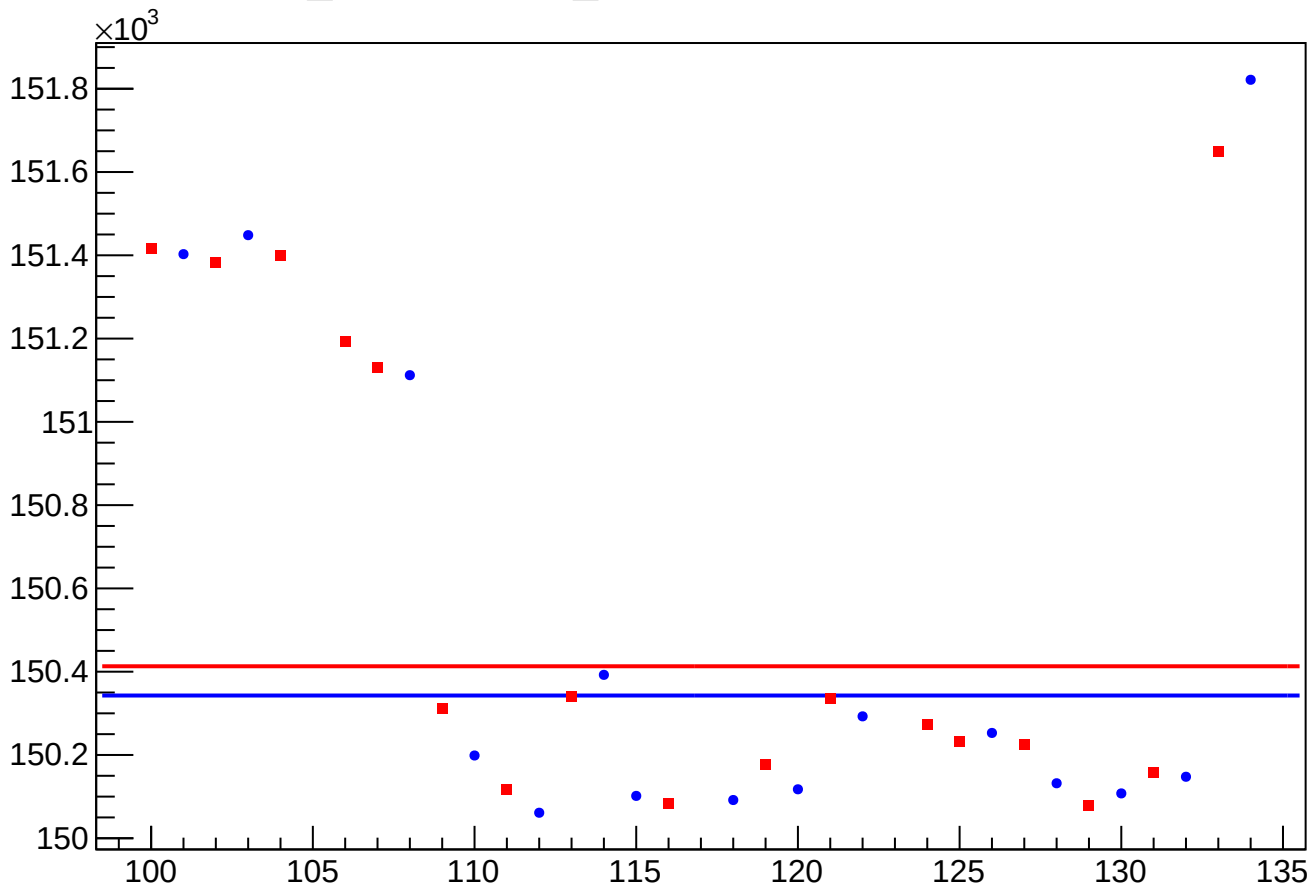
Right: 0.863+/-0.000 χ^2/NDF : 4486040.9/31

In: 0.853+/-0.000 χ^2/NDF : 2302285.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.863+/-0.000 χ^2/NDF : 4486040.9/31

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150342.776+/-0.057 χ^2 /NDF: 66639972.9/14

Right: 150380.845+/-0.039 χ^2 /NDF: 138279383.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 150413.023+/-0.053 χ^2 /NDF: 70824477.2/16

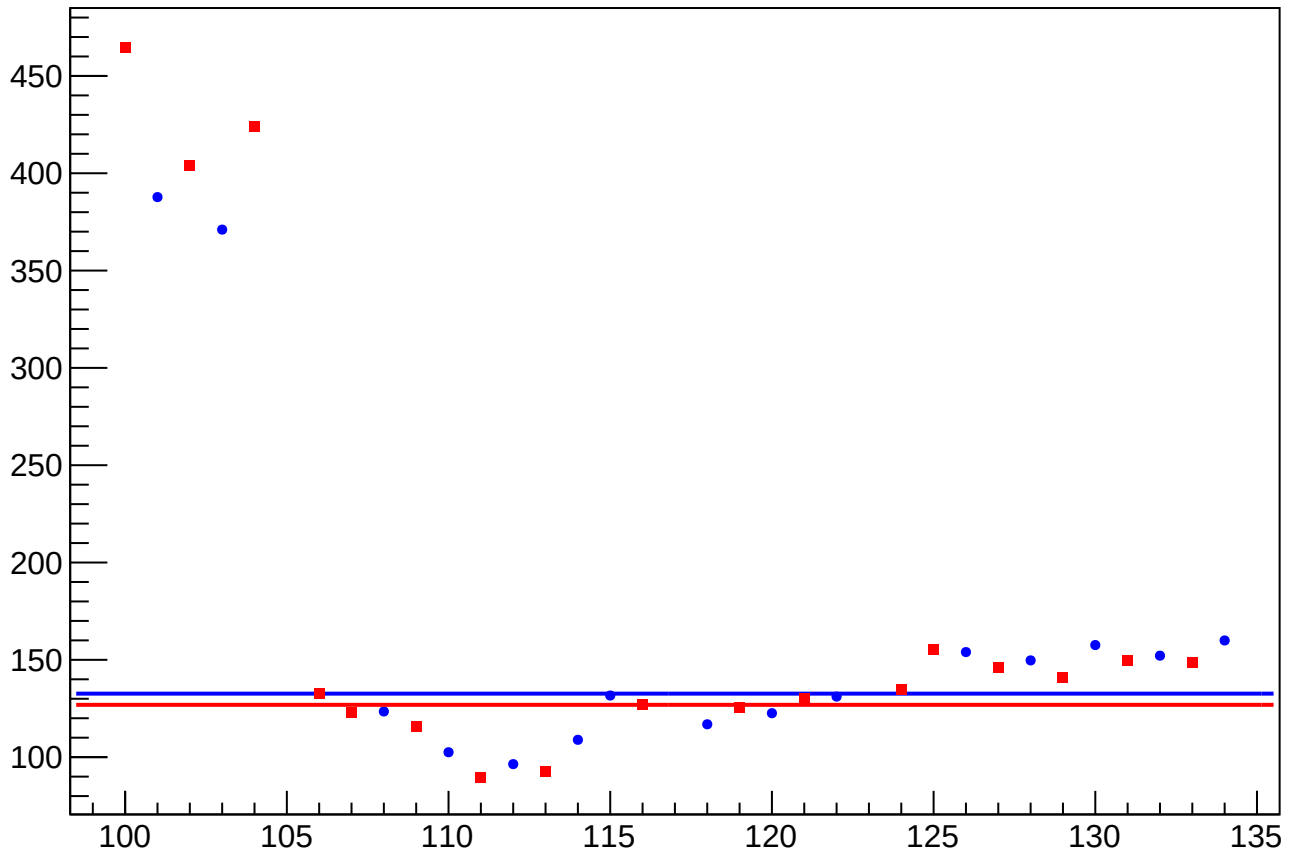
In: 150342.776+/-0.057 χ^2 /NDF: 66639972.9/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150380.845+/-0.039 χ^2 /NDF: 138279383.5/3

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 132.636+/-0.041 χ^2/NDF : 1345299.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.882+/-0.037 χ^2/NDF : 1555145.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

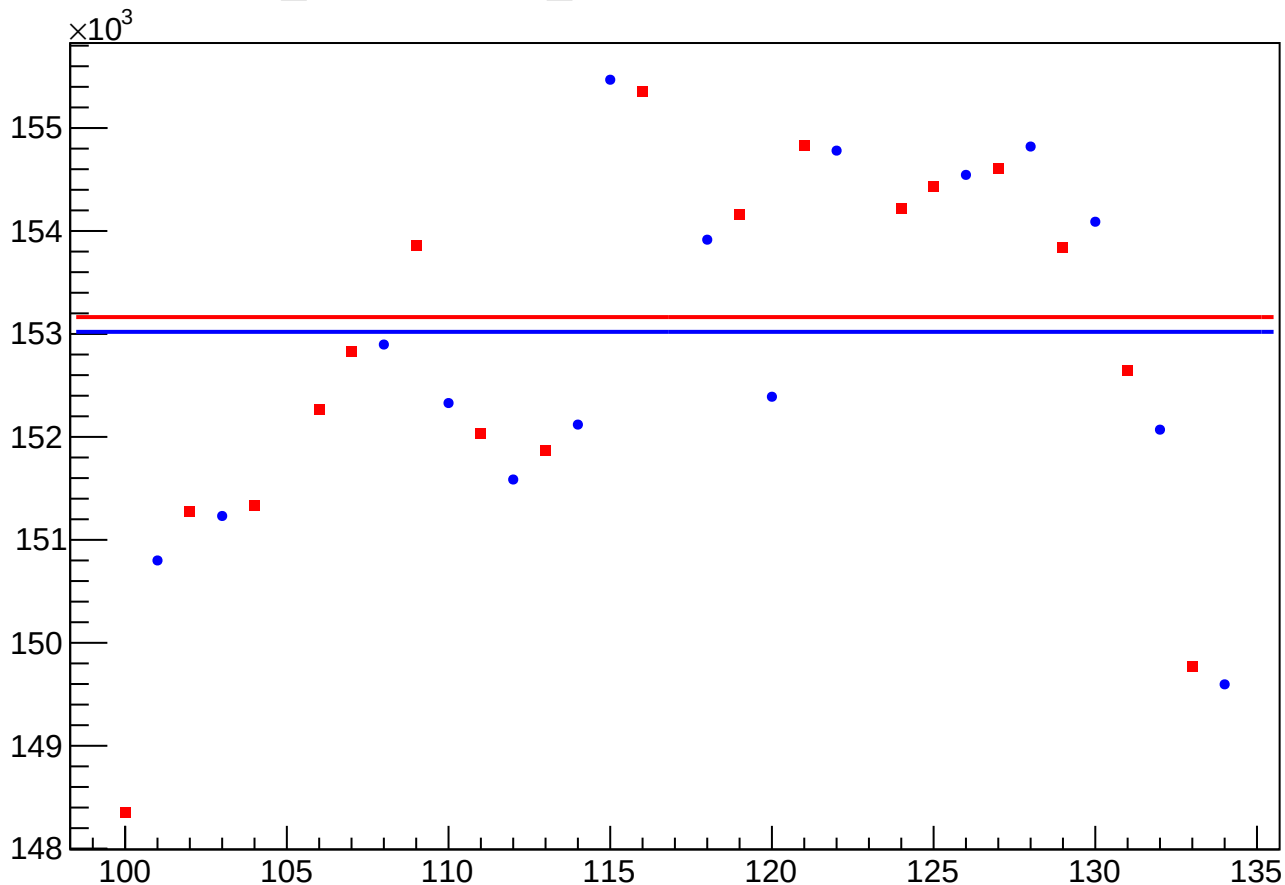
Right: 129.518+/-0.027 χ^2/NDF : 2911379.7/31

In: 132.636+/-0.041 χ^2/NDF :1345299.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.518+/-0.027 χ^2/NDF : 2911379.7/31

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153020.351+/-0.078 χ^2 /NDF: 390541722.8/14

Right: 153100.491+/-0.052 χ^2 /NDF: 852146103.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153163.733+/-0.070 χ^2 /NDF: 459727484.8/16

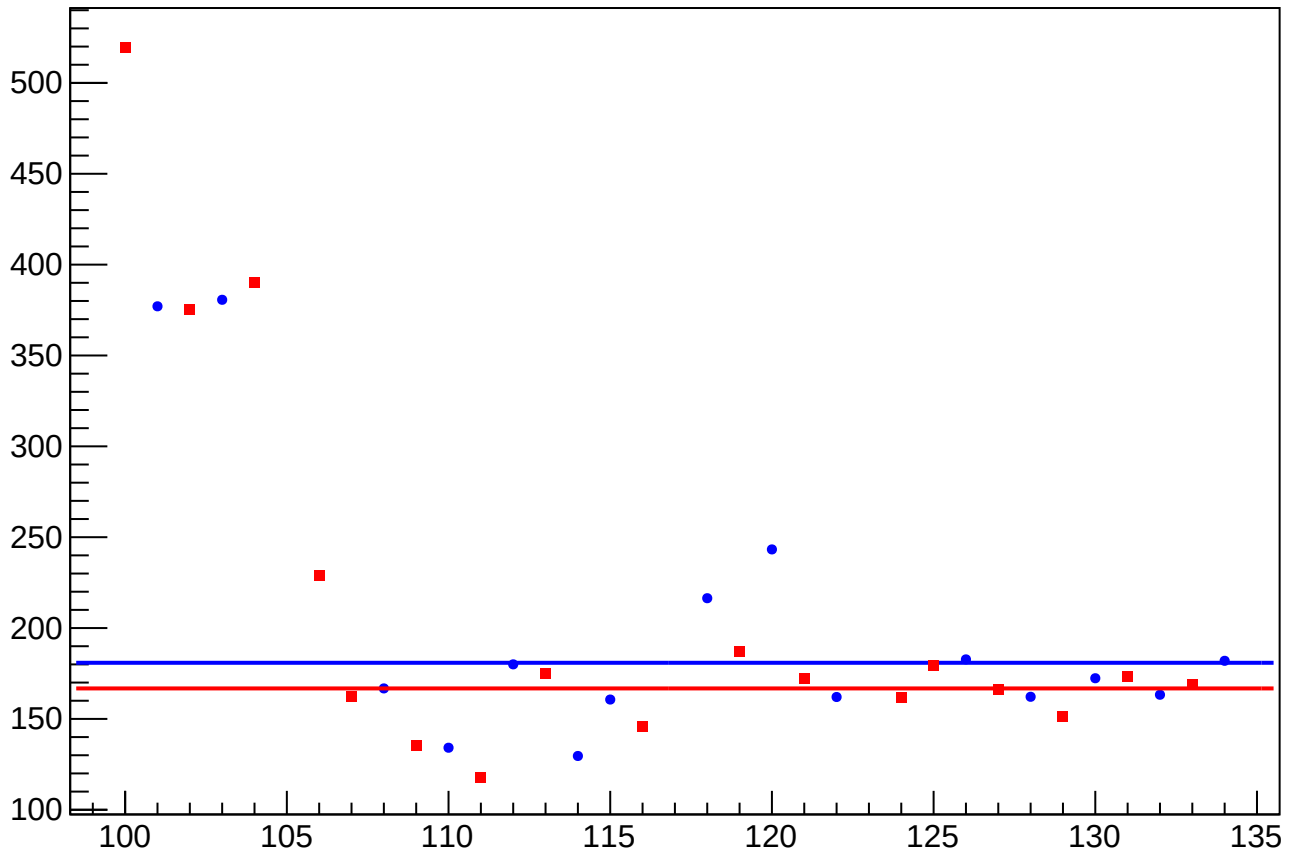
In: 153020.351+/-0.078 χ^2 /NDF: 390541722.8/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153100.491+/-0.052 χ^2 /NDF: 852146103.7/3

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.887 $\pm$ 0.055 χ^2 /NDF: 907751.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.773 $\pm$ 0.049 χ^2 /NDF: 1075884.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

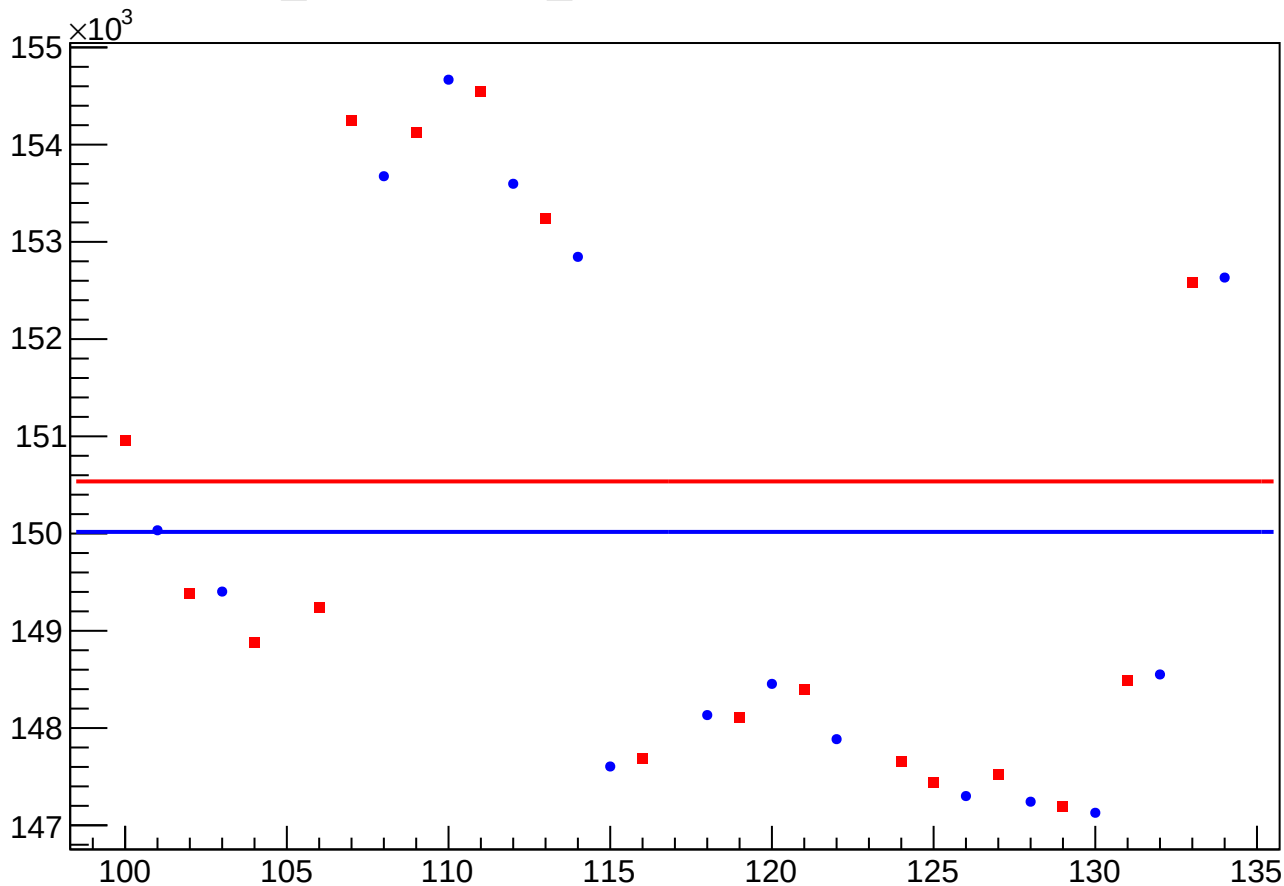
Right: 172.999 $\pm$ 0.037 χ^2 /NDF: 2020006.4/31

In: 180.887 $\pm$ 0.055 χ^2 /NDF:907751.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.999 $\pm$ 0.037 χ^2 /NDF: 2020006.4/31

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150017.181+/-0.066 χ^2 /NDF: 1885975297.9/14

Right: 150292.194+/-0.045 χ^2 /NDF: 4201337974.5/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 150536.383+/-0.062 χ^2 /NDF: 2282333710.4/16

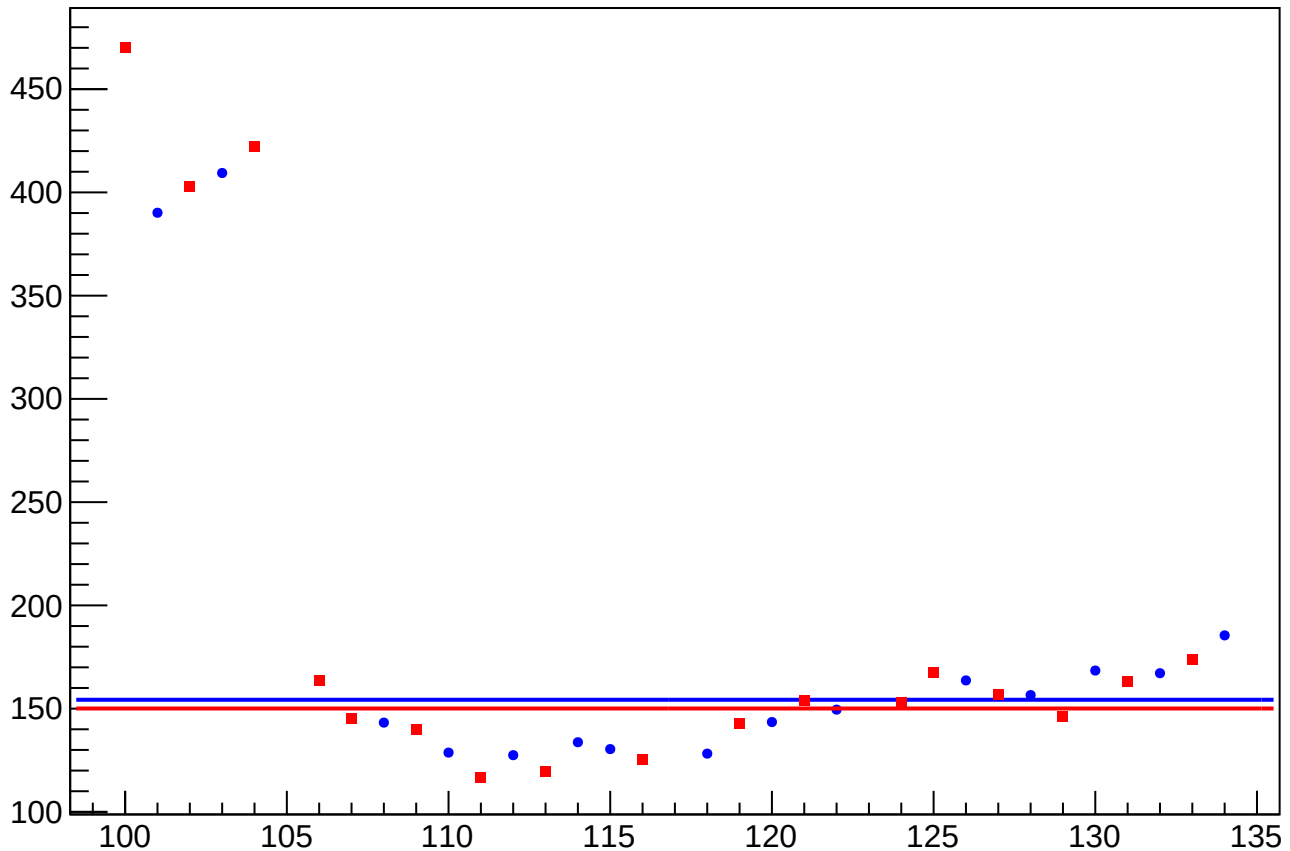
In: 150017.181+/-0.066 χ^2 /NDF: 1885975297.9/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150292.194+/-0.045 χ^2 /NDF: 4201337974.5/16

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 154.300+/-0.046 χ^2/NDF : 1115406.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 150.070+/-0.044 χ^2/NDF : 1197269.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

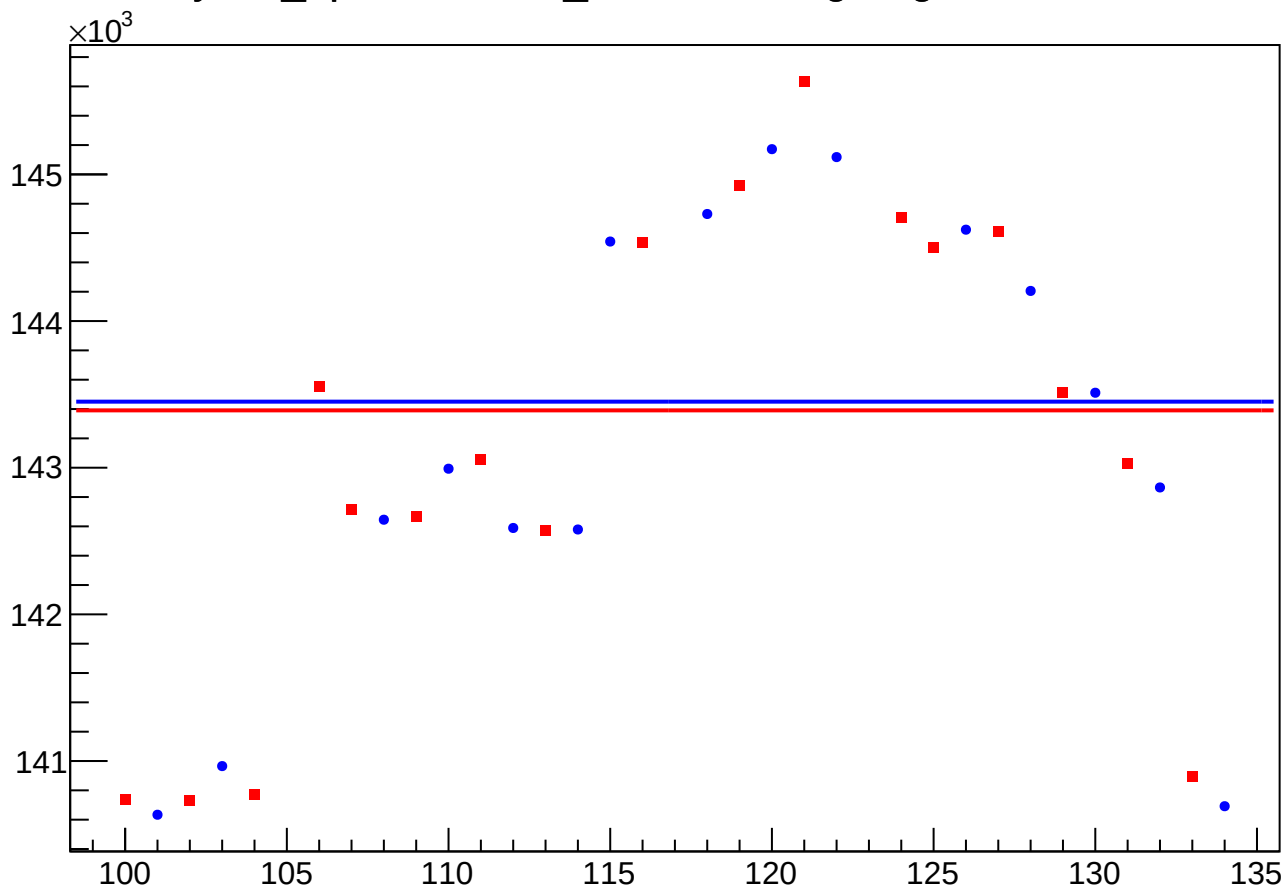
Right: 152.060+/-0.032 χ^2/NDF : 2317060.4/31

In: 154.300+/-0.046 χ^2/NDF :1115406.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.060+/-0.032 χ^2/NDF : 2317060.4/31

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143450.404+/-0.056 χ^2 /NDF: 499754843.4/14

Right: 143418.267+/-0.038 χ^2 /NDF: 1051842858.6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143390.978+/-0.051 χ^2 /NDF: 551473803.4/16

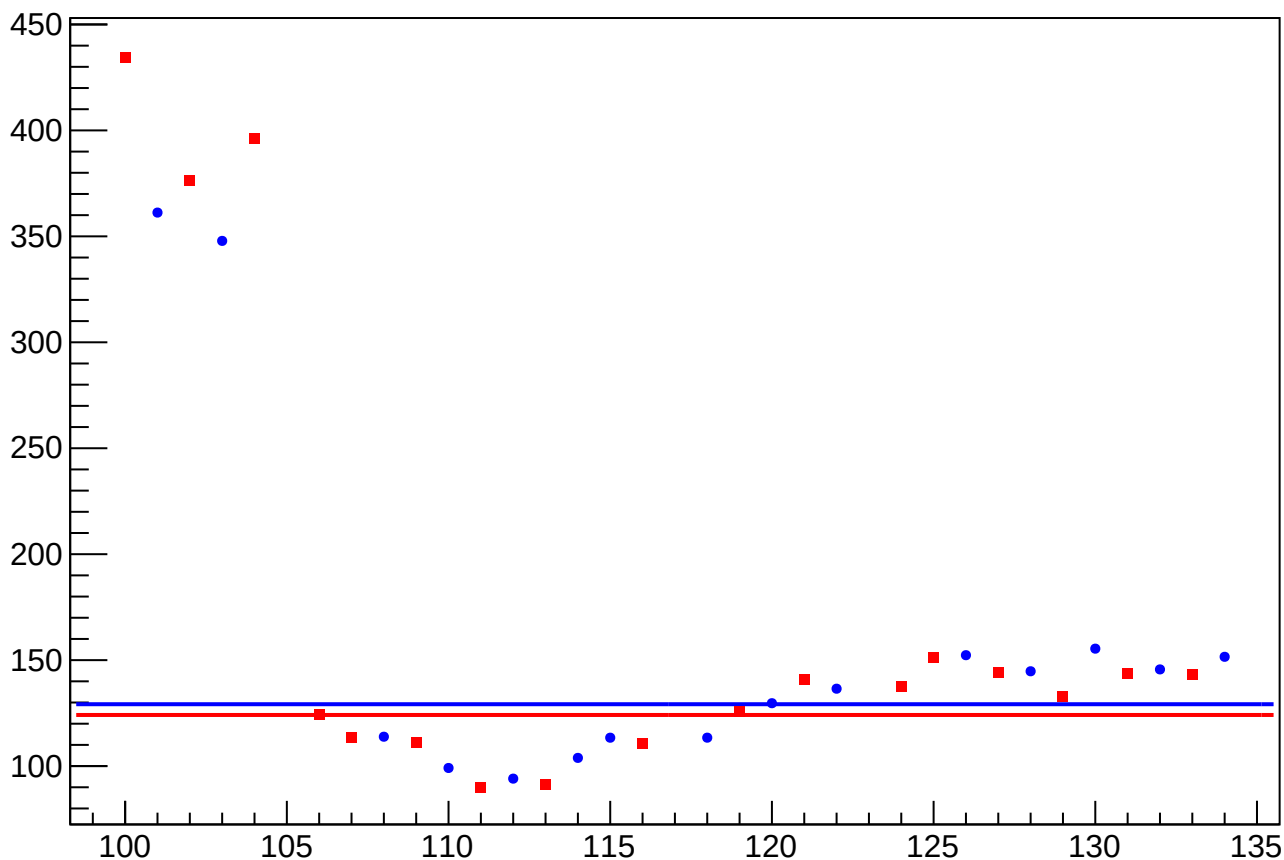
In: 143450.404+/-0.056 χ^2 /NDF: 499754843.4/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143418.267+/-0.038 χ^2 /NDF: 1051842858.6

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 129.196+/-0.039 χ^2/NDF : 1316151.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.122+/-0.036 χ^2/NDF : 1493407.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

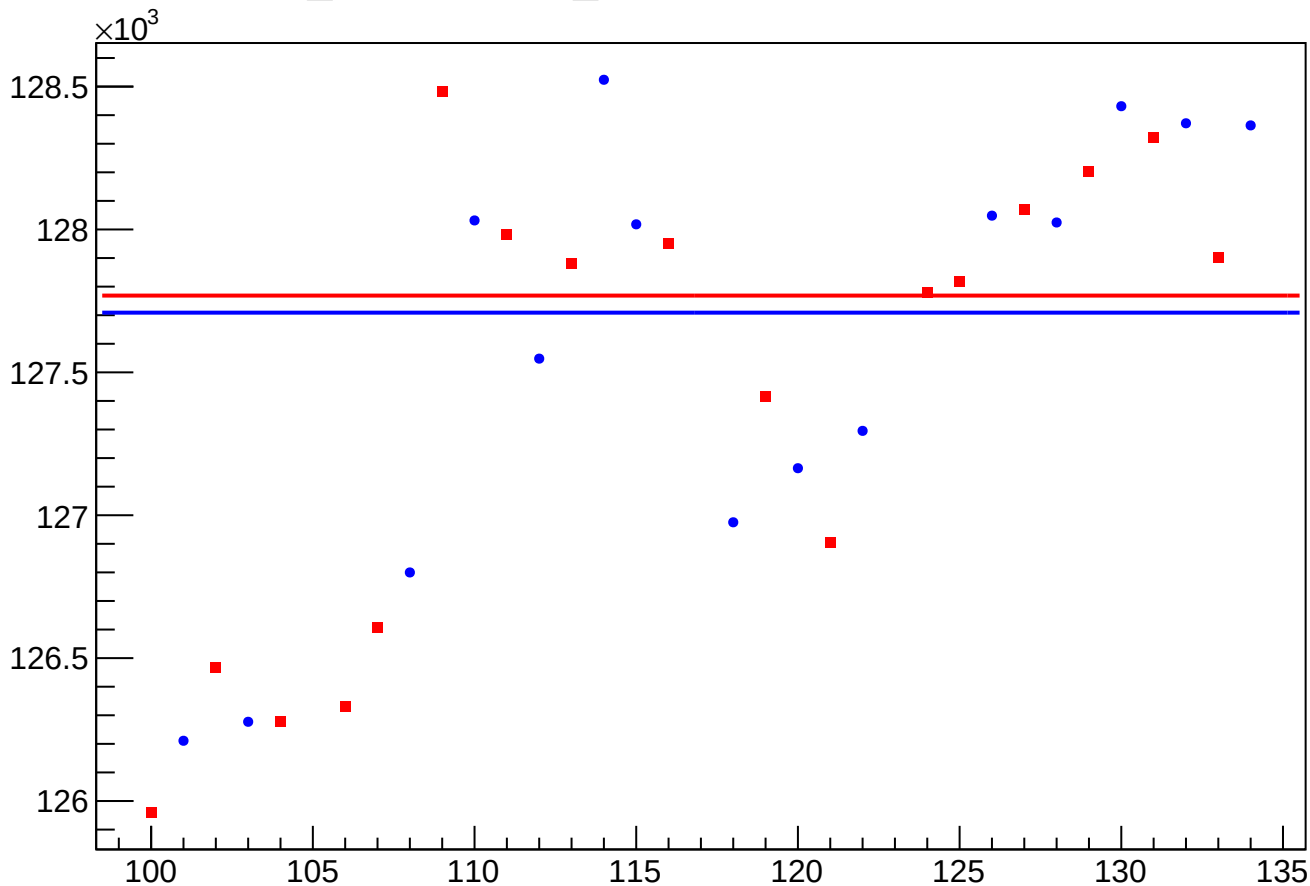
Right: 126.452+/-0.027 χ^2/NDF : 2818516.4/31

In: 129.196+/-0.039 χ^2/NDF : 1316151.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

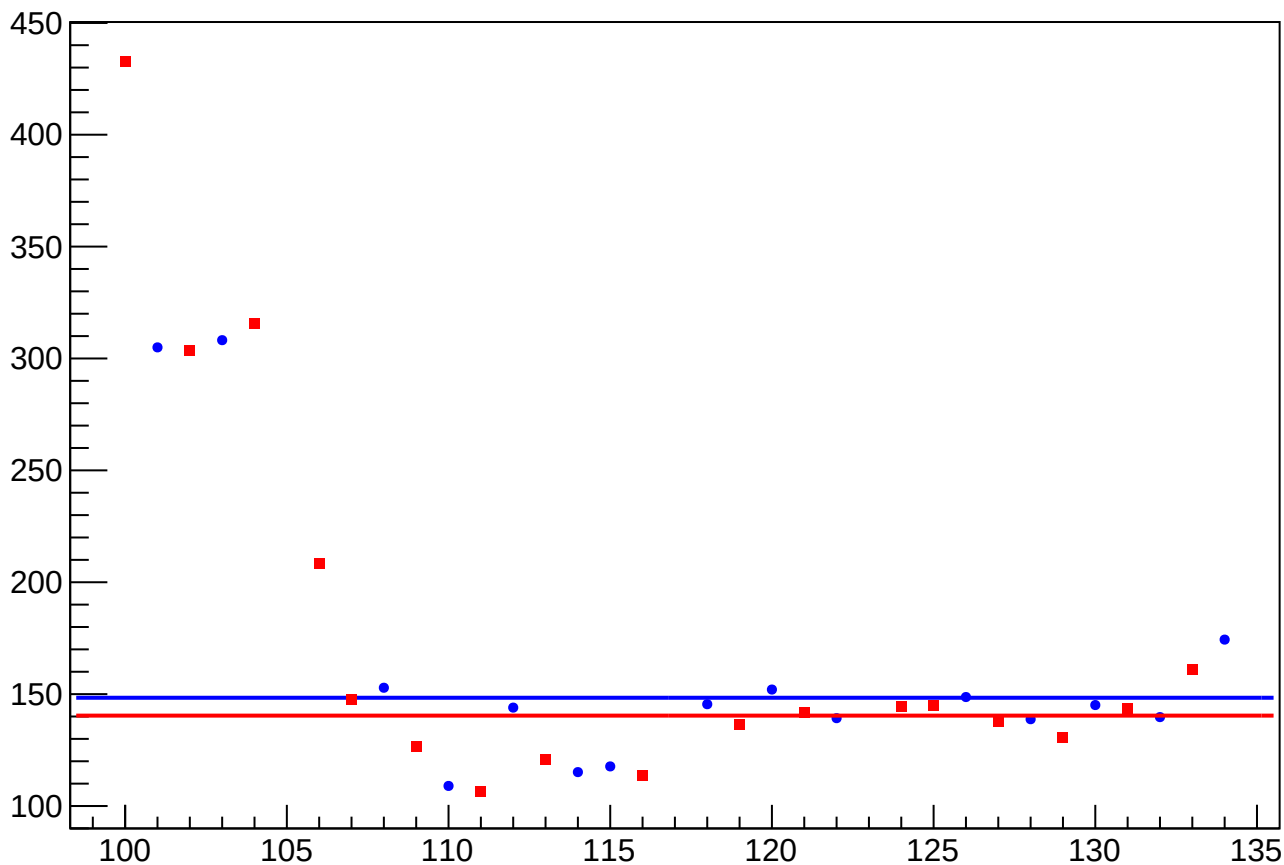
All: 126.452+/-0.027 χ^2/NDF : 2818516.4/31

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127708.918 $\pm$ 0.063 χ^2 /NDF: 104440679.9/14
 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: 127741.518 $\pm$ 0.042 χ^2 /NDF: 208612131.5/3
 In: 127708.918 $\pm$ 0.063 χ^2 /NDF: 104440679.9/14
 Right Out: 127768.648 $\pm$ 0.057 χ^2 /NDF: 103675672.8/16
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127741.518 $\pm$ 0.042 χ^2 /NDF: 208612131.5/3

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 148.379+/-0.044 χ^2/NDF : 827523.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.397+/-0.040 χ^2/NDF : 990050.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

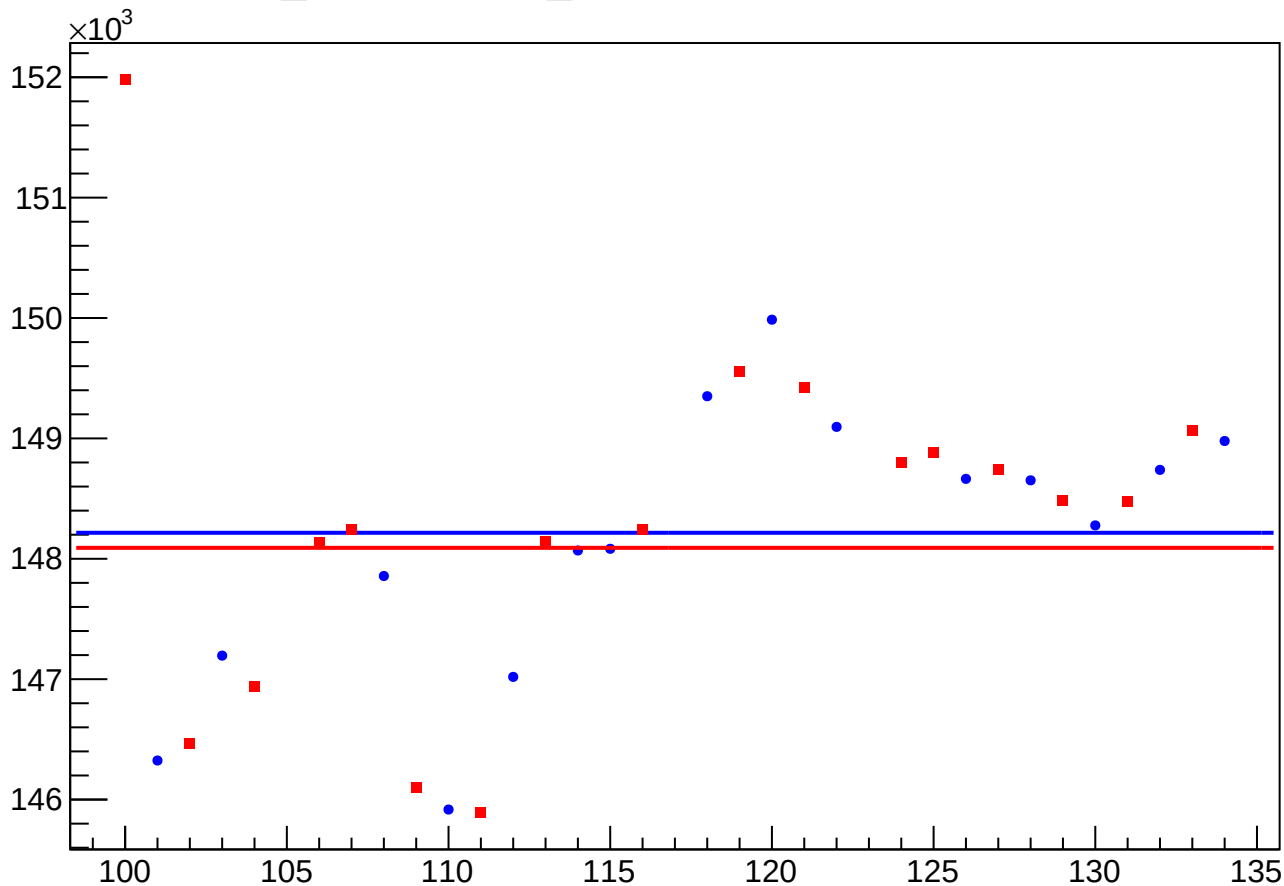
Right: 144.023+/-0.030 χ^2/NDF : 1835278.2/31

In: 148.379+/-0.044 χ^2/NDF : 827523.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.023+/-0.030 χ^2/NDF : 1835278.2/31

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148216.070+/-0.088 χ^2 /NDF: 120359738.0/14

Right: 148147.328+/-0.059 χ^2 /NDF: 347115946.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 148091.001+/-0.080 χ^2 /NDF: 225654973.3/16

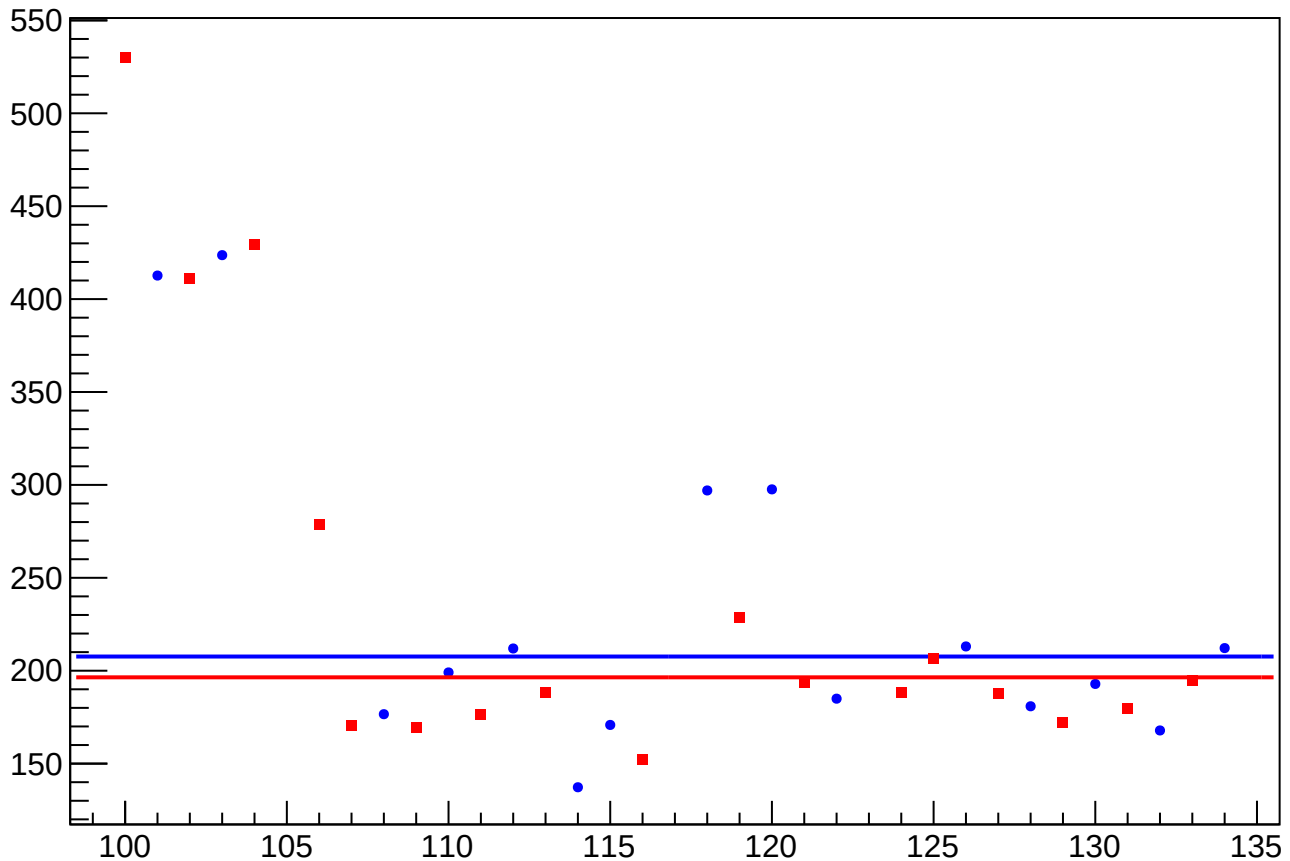
In: 148216.070+/-0.088 χ^2 /NDF: 120359738.0/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148147.328+/-0.059 χ^2 /NDF: 347115946.8/3

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 207.633+/-0.062 χ^2/NDF : 971762.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.437+/-0.057 χ^2/NDF : 899128.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

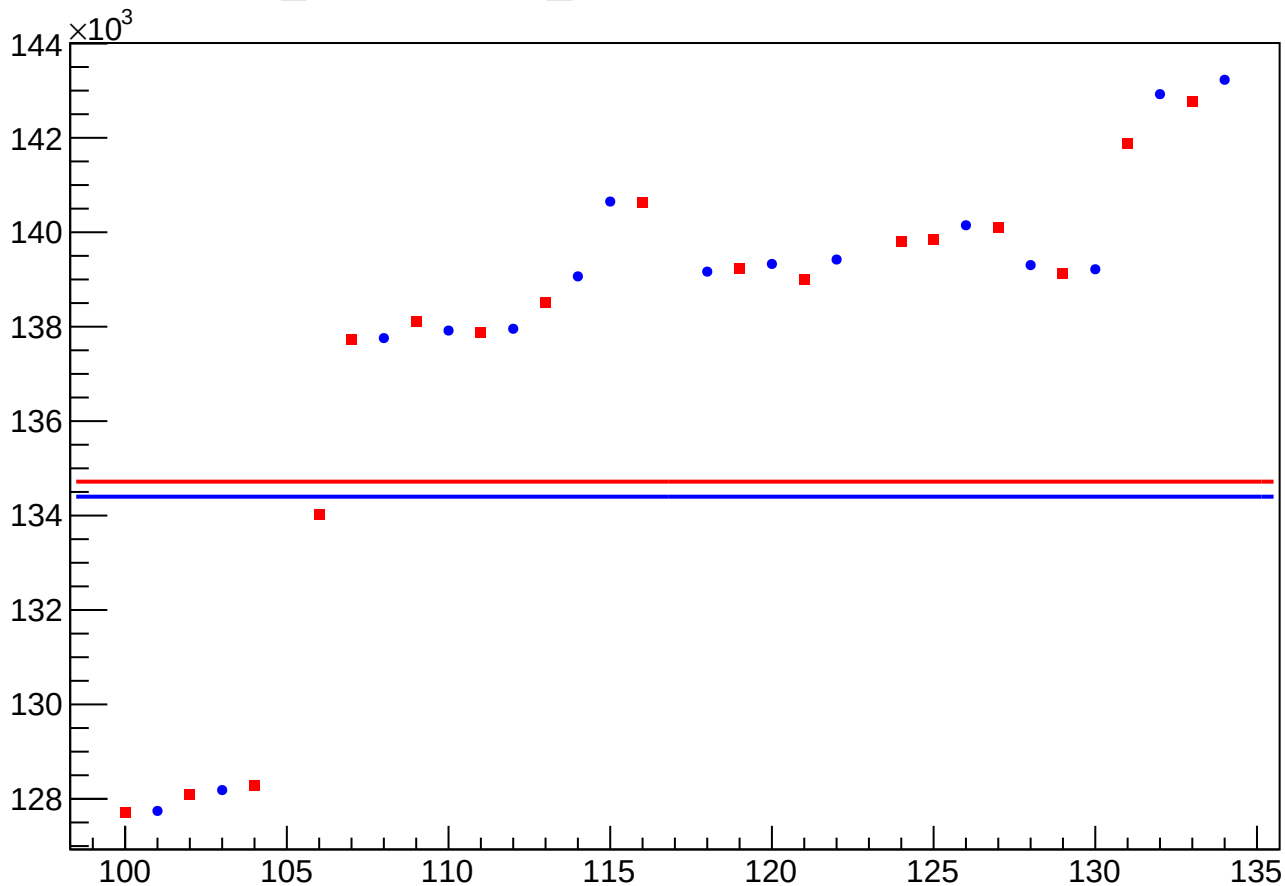
Right: 201.480+/-0.042 χ^2/NDF : 1888541.3/31

In: 207.633+/-0.062 χ^2/NDF : 971762.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.480+/-0.042 χ^2/NDF : 1888541.3/31

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 134399.851+/-0.187 χ^2 /NDF: 967770654.1/14

Right: 134559.511+/-0.132 χ^2 /NDF: 1851693155.3/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

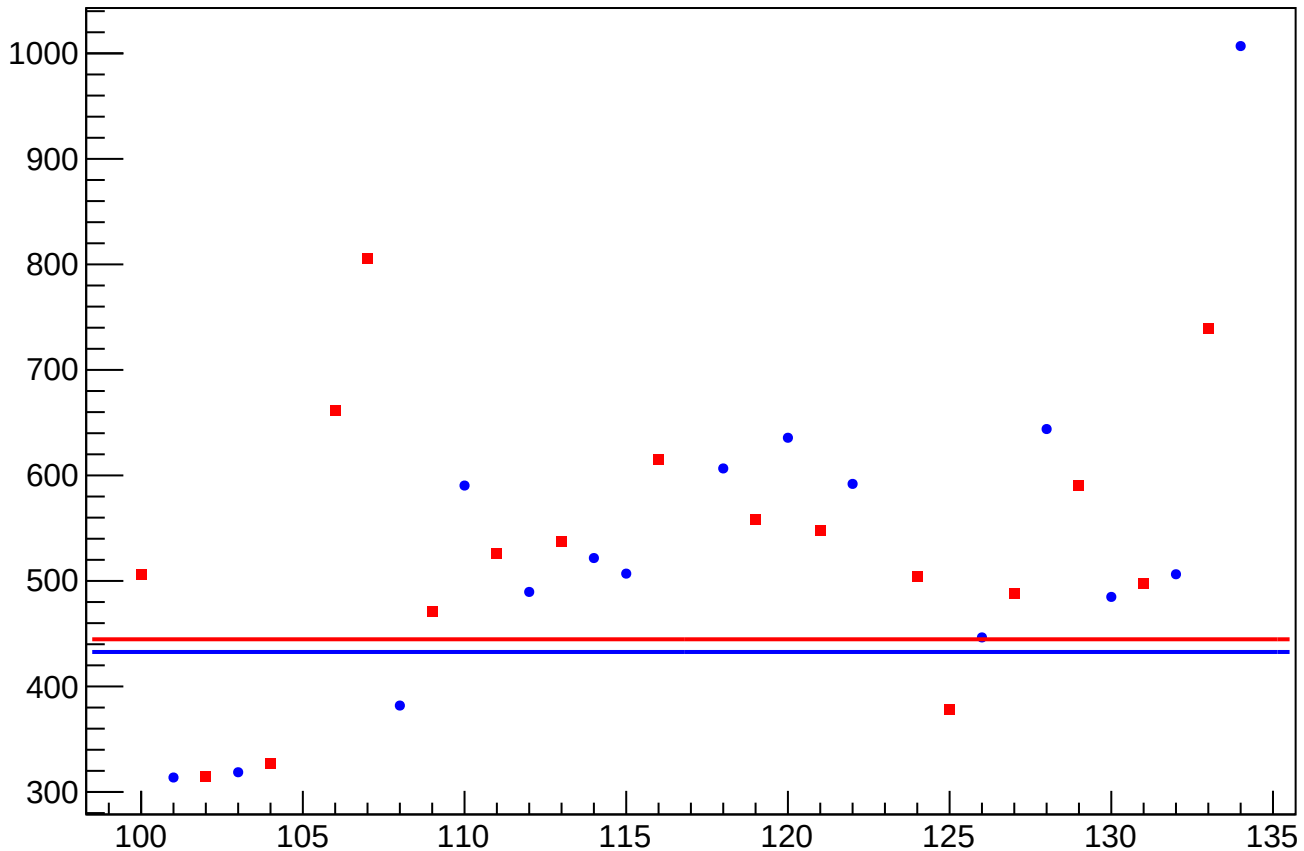
Right Out: 134718.049+/-0.187 χ^2 /NDF: 882472193.9/16

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 134559.511+/-0.132 χ^2 /NDF: 1851693155.3/16

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 432.671+/-0.132 χ^2/NDF : 942897.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.696+/-0.132 χ^2/NDF : 846165.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

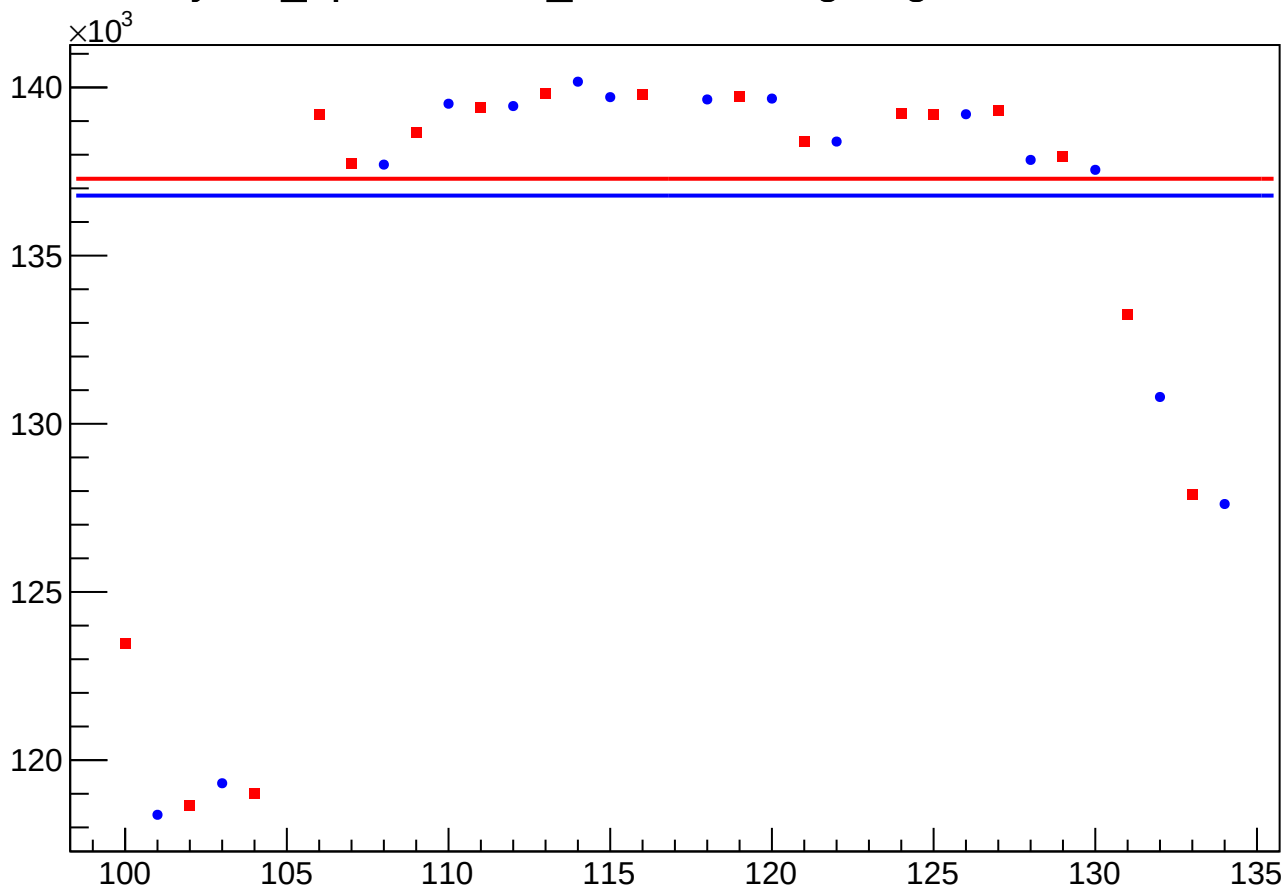
Right: 438.705+/-0.093 χ^2/NDF : 1793205.0/31

In: 432.671+/-0.132 χ^2/NDF : 942897.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.705+/-0.093 χ^2/NDF : 1793205.0/31

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136784.978+/-0.073 χ^2 /NDF: 5737732940.3/14

Right: 137054.574+/-0.050 χ^2 /NDF: 11491546150.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

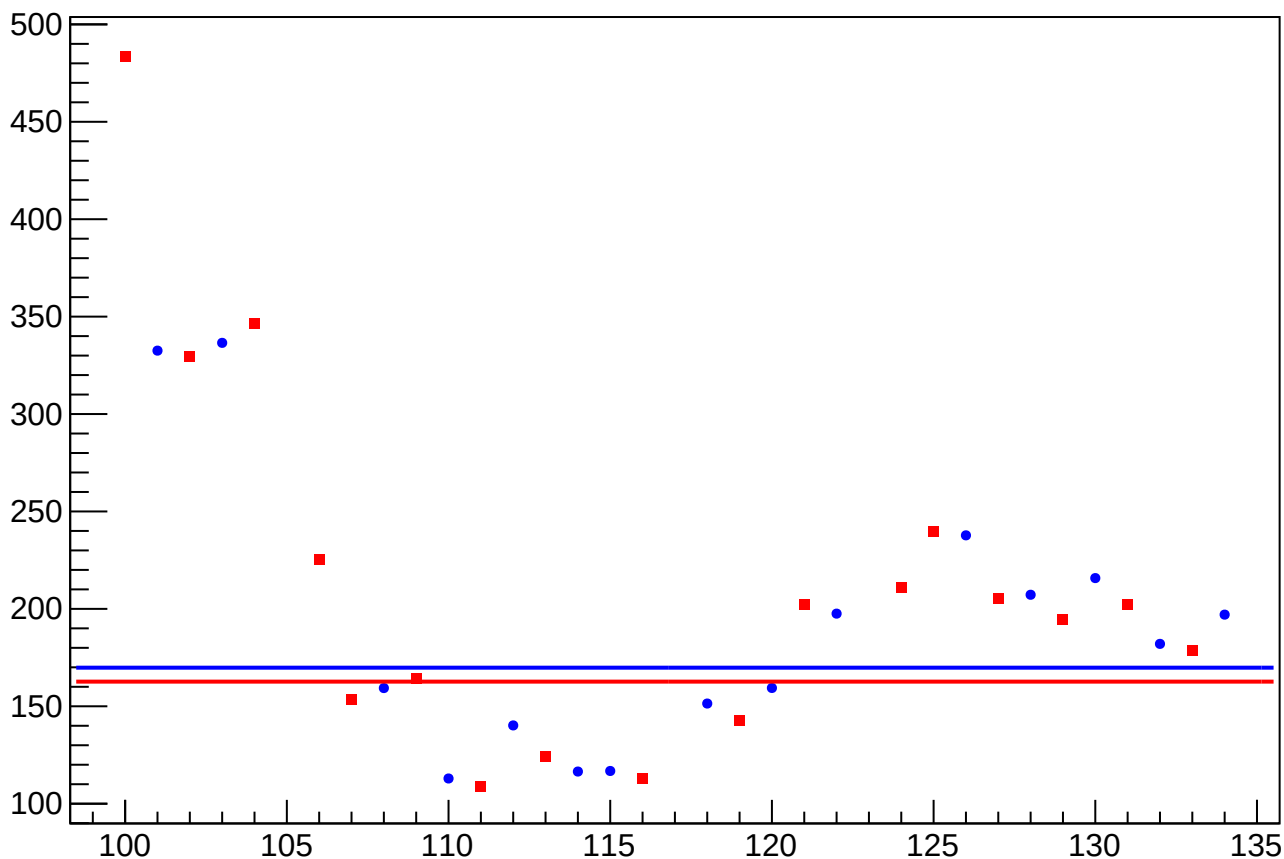
Right Out: 137285.193+/-0.067 χ^2 /NDF: 5728485281.5/16

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137054.574+/-0.050 χ^2 /NDF: 11491546150.3/14

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 169.816+/-0.052 χ^2/NDF : 1113465.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.658+/-0.048 χ^2/NDF : 1354136.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

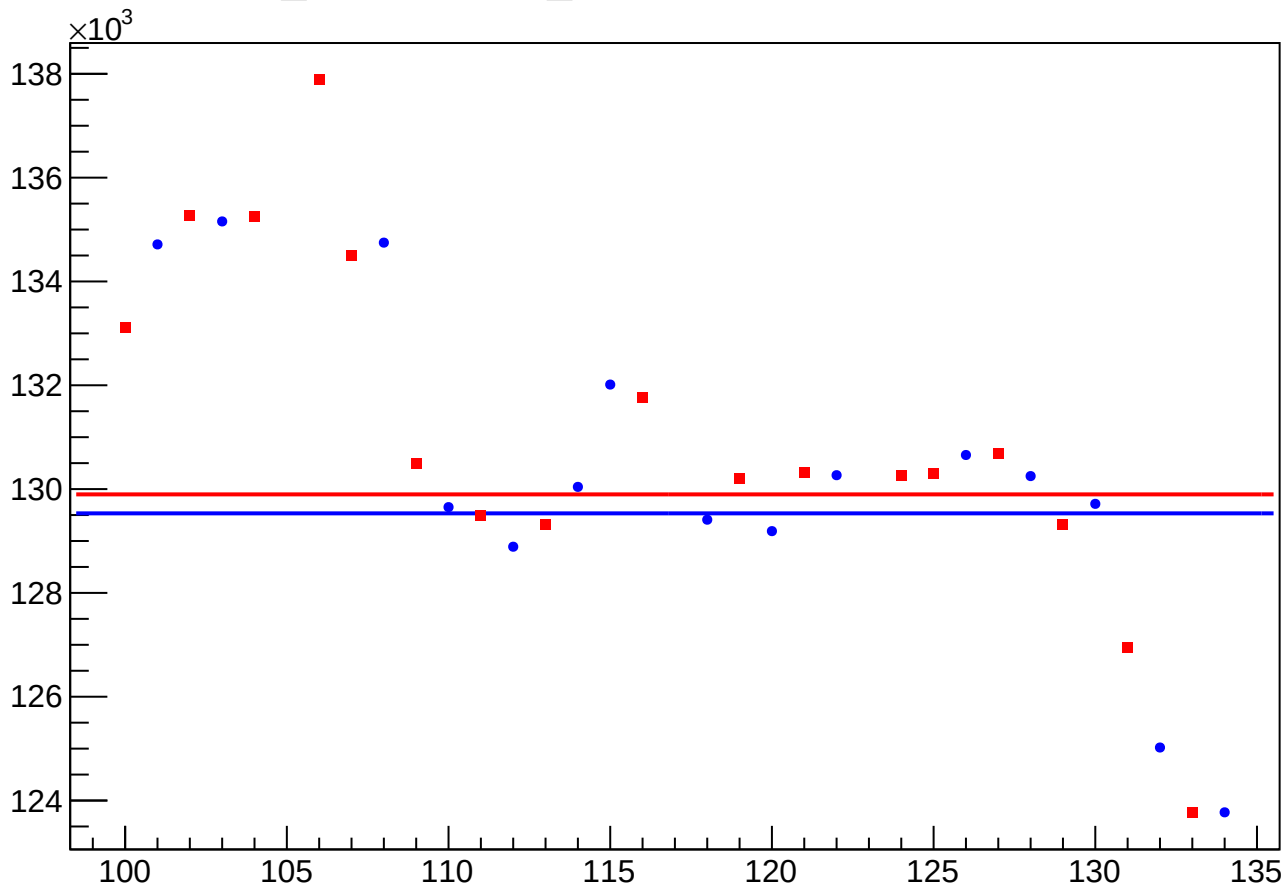
Right: 165.958+/-0.035 χ^2/NDF : 2477976.1/31

In: 169.816+/-0.052 χ^2/NDF : 1113465.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.958+/-0.035 χ^2/NDF : 2477976.1/31

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 129734.106+/-0.048 χ^2 /NDF: 3243235228.0

In: 129532.414+/-0.071 χ^2 /NDF: 1572341605.4/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 129734.106+/-0.048 χ^2 /NDF: 3243235228.0

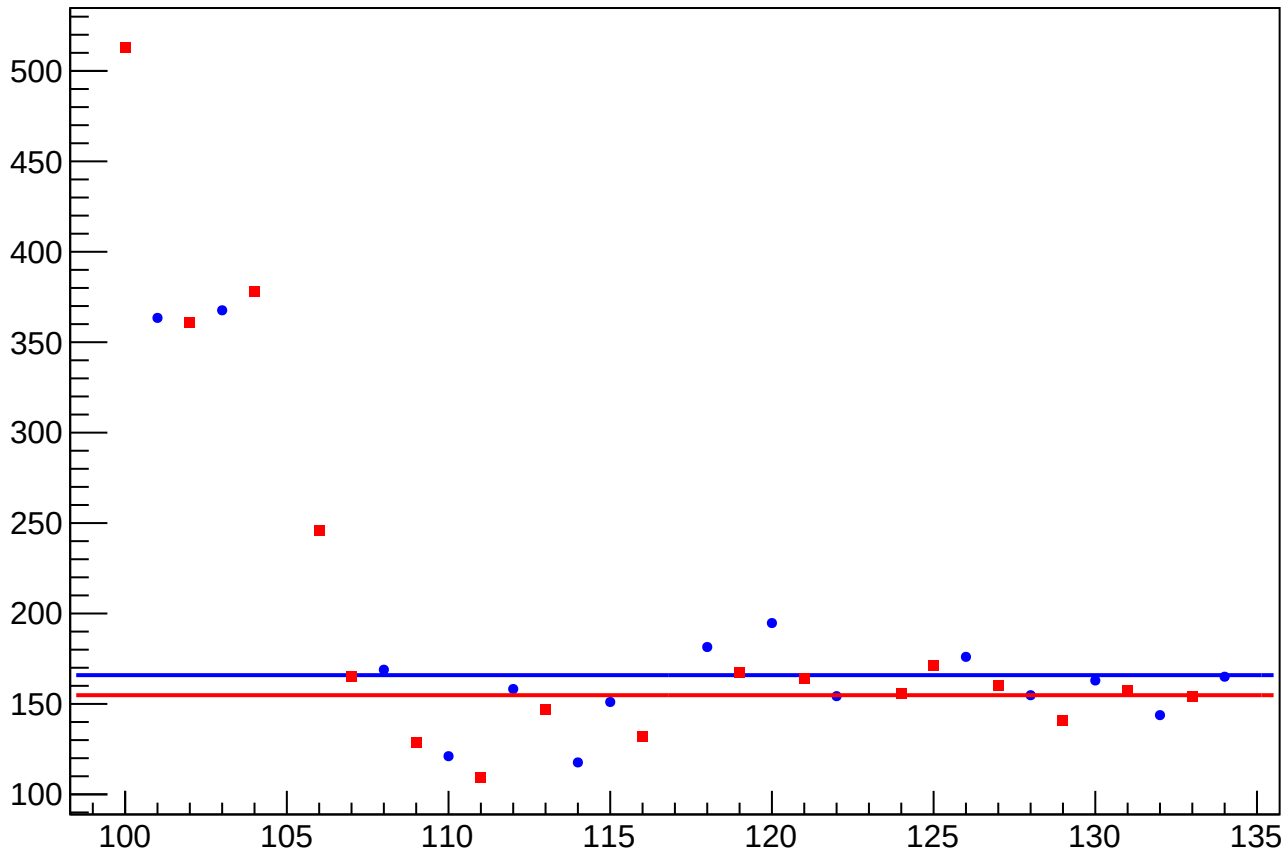
Right In: 129532.414+/-0.071 χ^2 /NDF: 1572341605.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 129898.057+/-0.064 χ^2 /NDF: 1656298874.4/16

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 165.910 $\pm$ 0.050 χ^2 /NDF: 937488.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.831 $\pm$ 0.045 χ^2 /NDF: 1158302.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

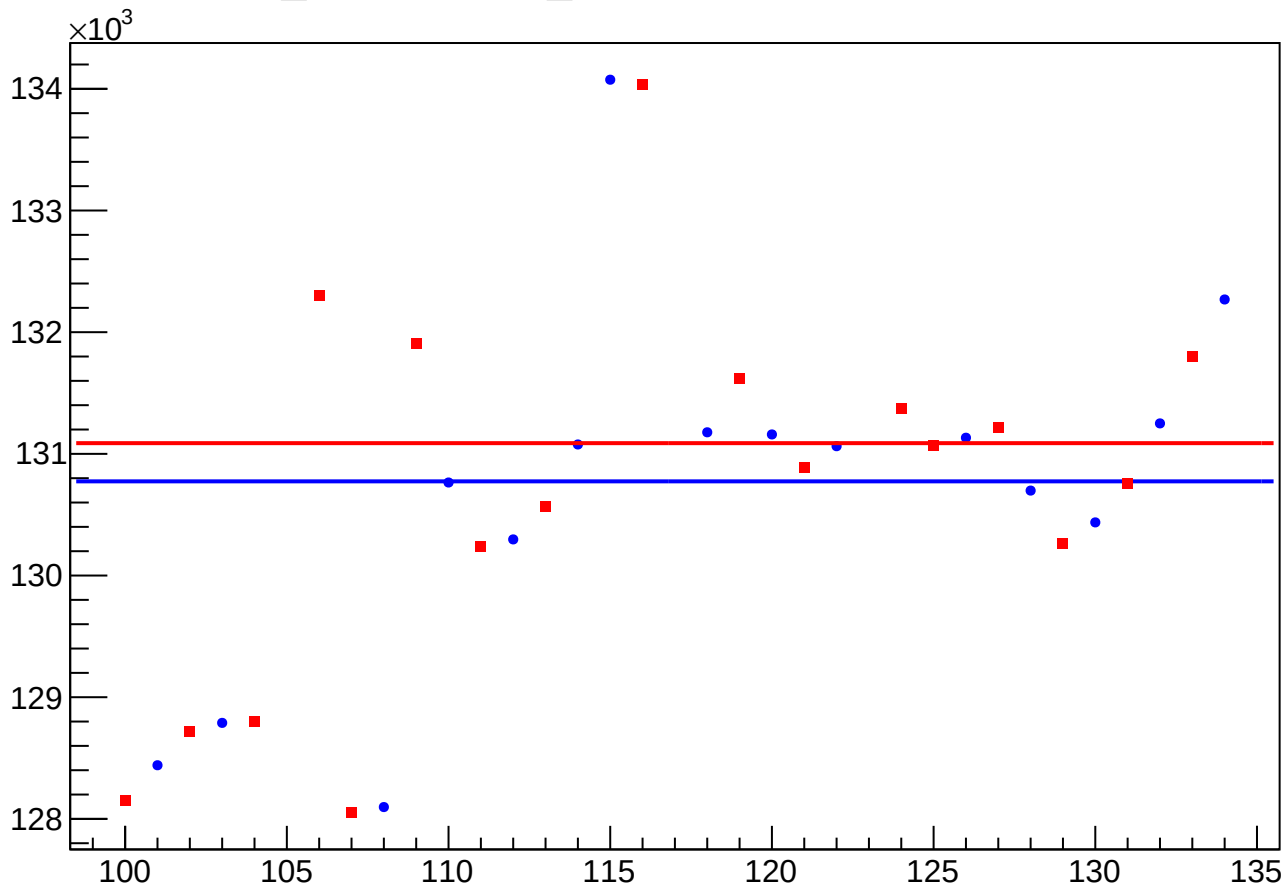
Right: 159.799 $\pm$ 0.034 χ^2 /NDF: 2122590.3/31

In: 165.910 $\pm$ 0.050 χ^2 /NDF:937488.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.799 $\pm$ 0.034 χ^2 /NDF: 2122590.3/31

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130774.066+/-0.064 χ^2 /NDF: 340704472.3/14

Right: 130945.167+/-0.043 χ^2 /NDF: 812079499.3/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

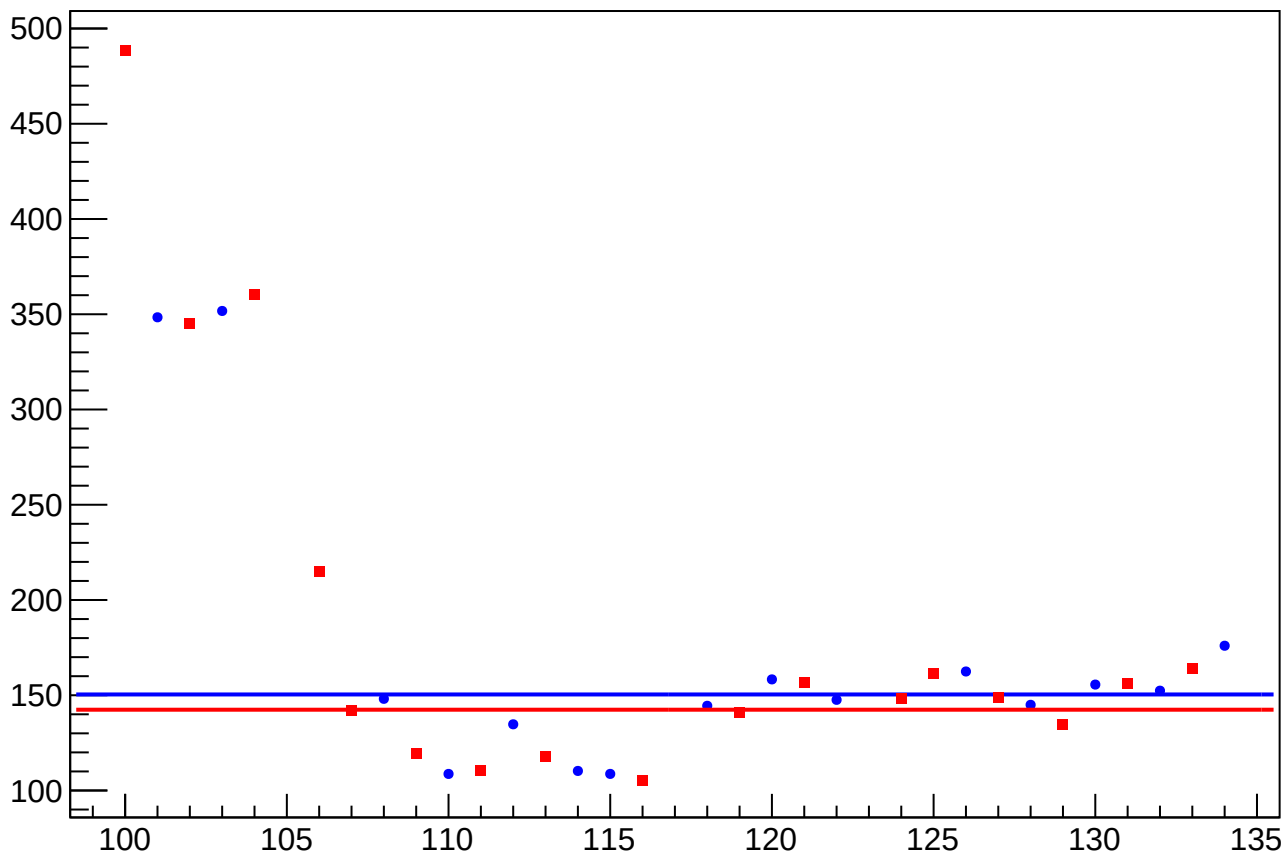
Right Out: 131088.015+/-0.059 χ^2 /NDF: 458275310.5/16

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130945.167+/-0.043 χ^2 /NDF: 812079499.3/3

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 150.412+/-0.045 χ^2/NDF : 1026778.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.407+/-0.041 χ^2/NDF : 1212085.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

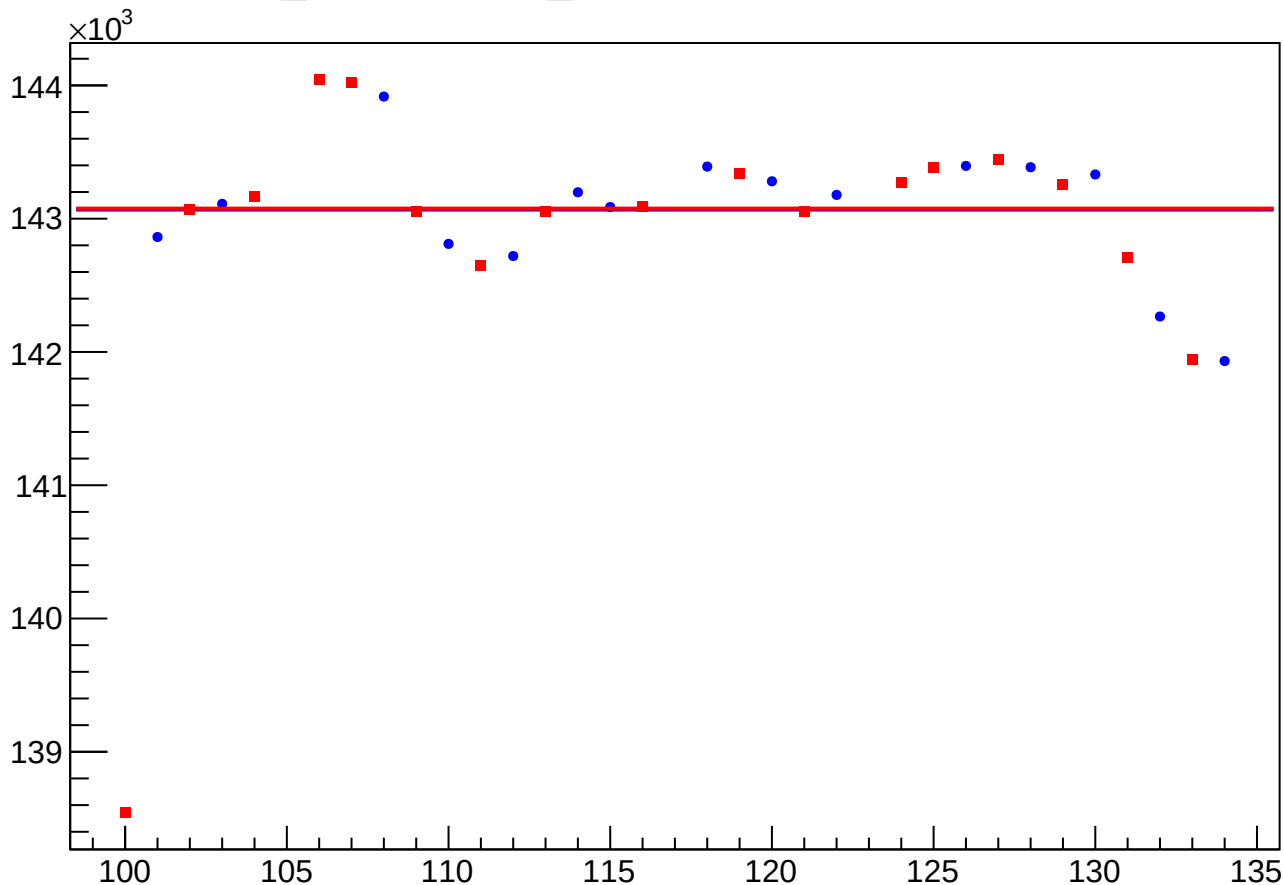
Right: 146.049+/-0.031 χ^2/NDF : 2255898.4/31

In: 150.412+/-0.045 χ^2/NDF : 1026778.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.049+/-0.031 χ^2/NDF : 2255898.4/31

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143068.584+/-0.069 χ^2 /NDF: 46102671.4/14

Right: 143072.426+/-0.046 χ^2 /NDF: 96414553.8/31

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143075.606+/-0.063 χ^2 /NDF: 50306201.6/16

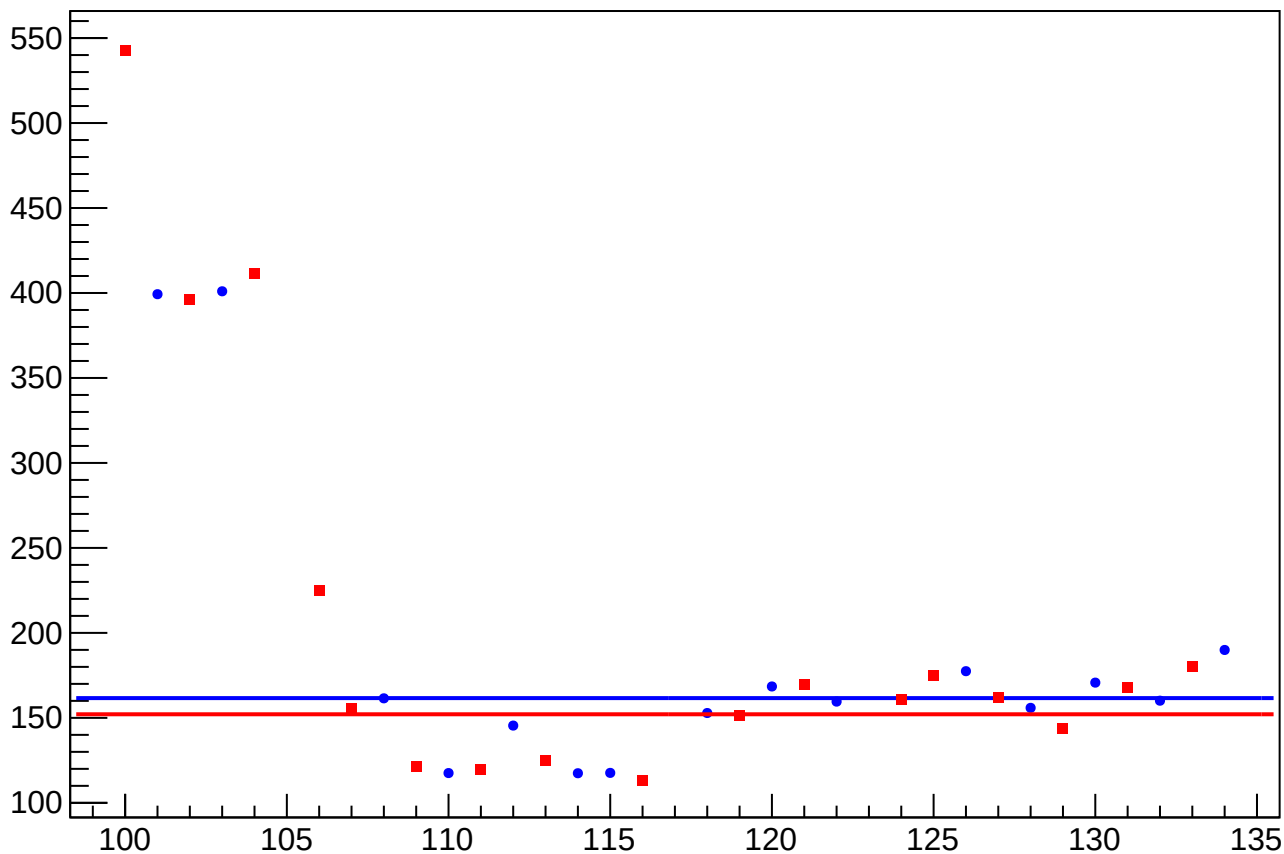
In: 143068.584+/-0.069 χ^2 /NDF: 46102671.4/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143072.426+/-0.046 χ^2 /NDF: 96414553.8/31

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 161.629+/-0.049 χ^2/NDF : 1104678.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.111+/-0.044 χ^2/NDF : 1319395.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

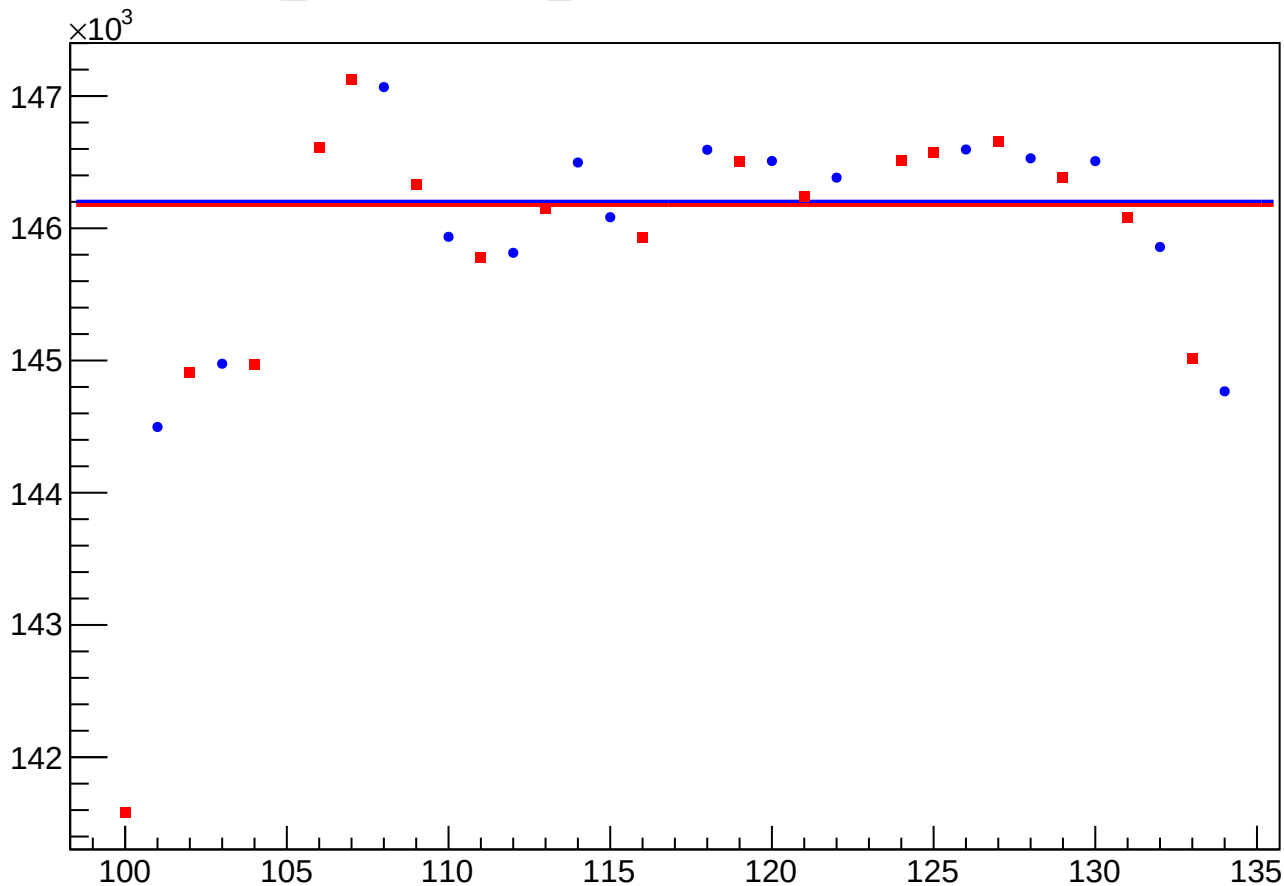
Right: 156.422+/-0.033 χ^2/NDF : 2444943.6/31

In: 161.629+/-0.049 χ^2/NDF : 1104678.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.422+/-0.033 χ^2/NDF : 2444943.6/31

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right In: 146201.050 $\pm$ 0.072 χ^2/NDF : 65112694.9/14

Right: 146187.516 $\pm$ 0.048 χ^2/NDF : 124377967.9/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

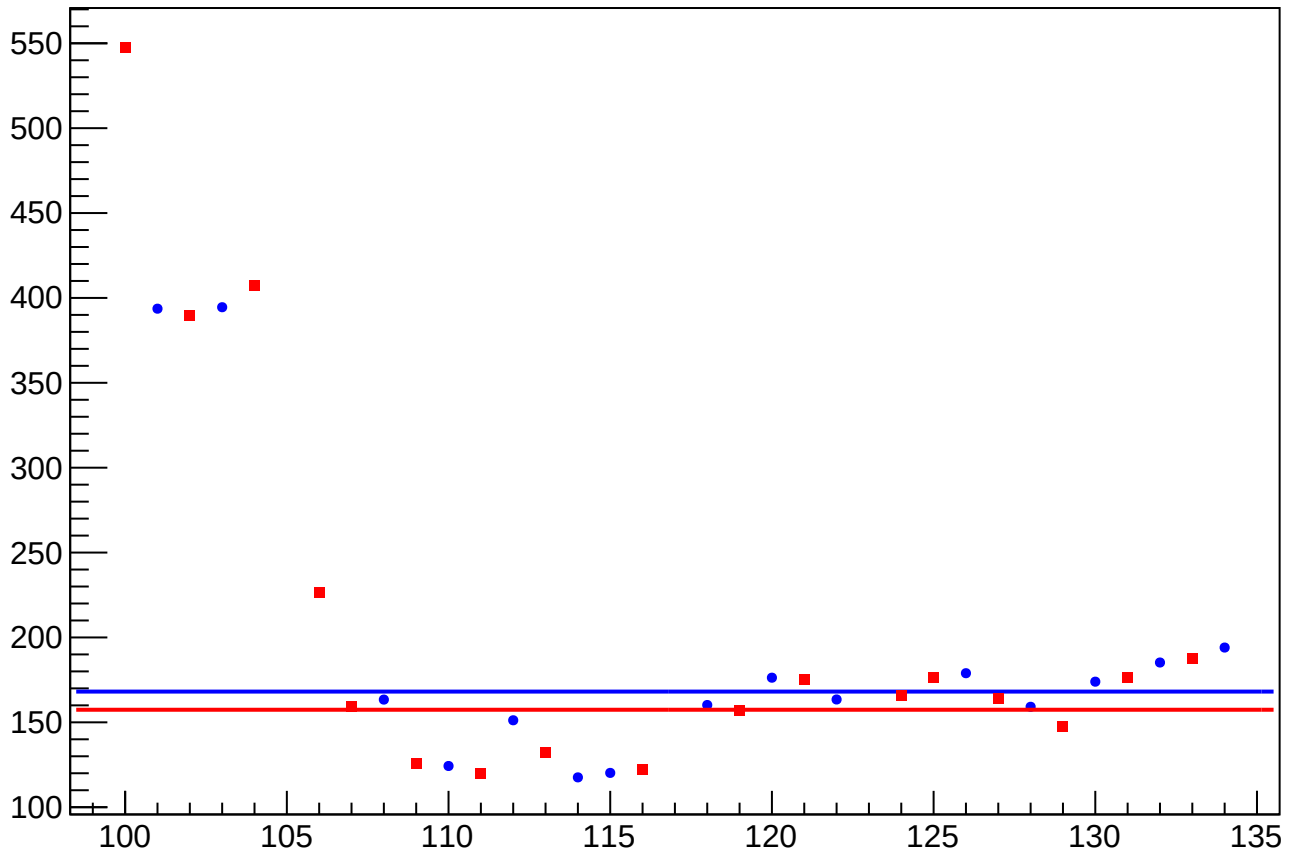
Right Out: 146176.455 $\pm$ 0.065 χ^2/NDF : 59200254.0/16

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 146187.516 $\pm$ 0.048 χ^2/NDF : 124377967.9/3

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 168.112 $\pm$ 0.051 χ^2 /NDF: 1041394.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.409 $\pm$ 0.046 χ^2 /NDF: 1252949.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

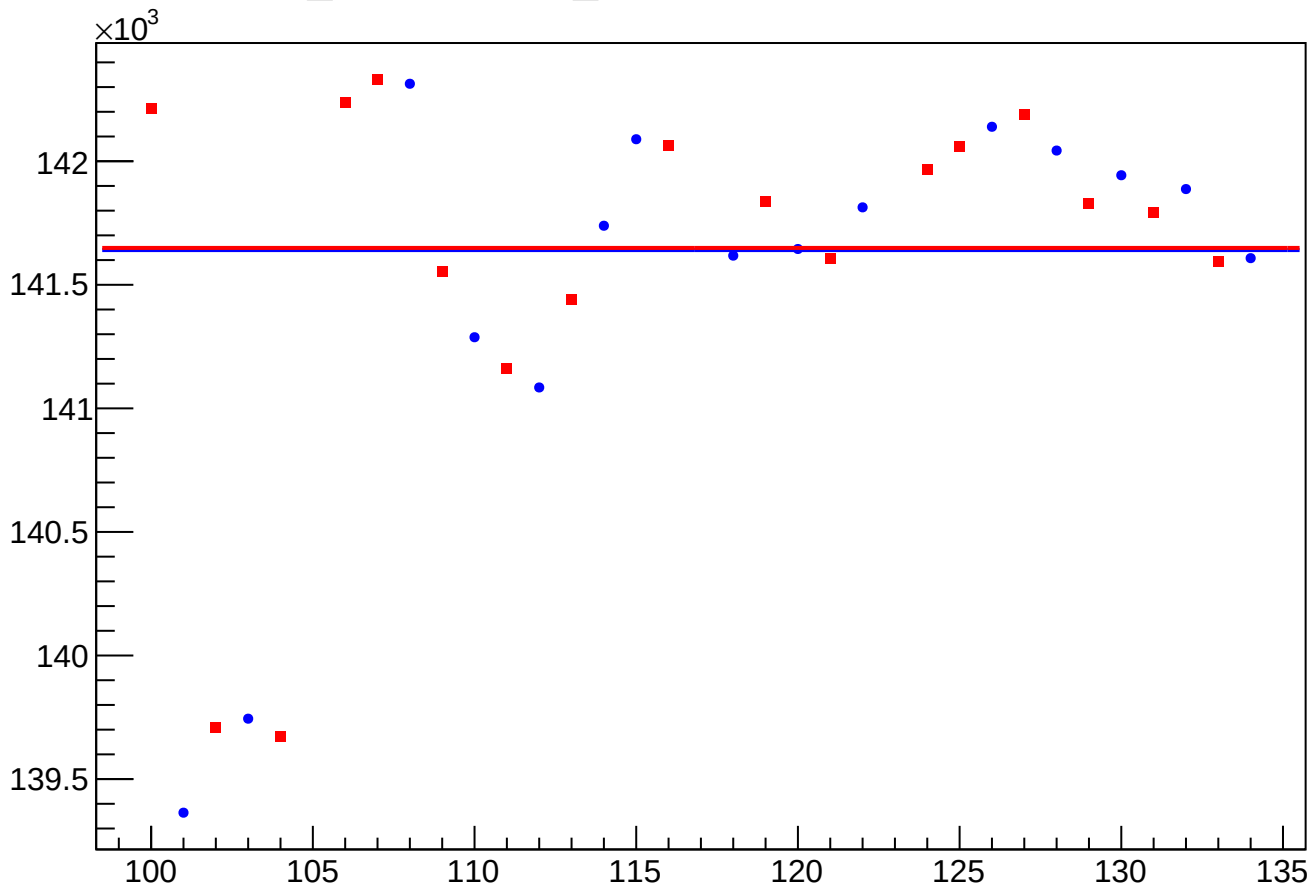
Right: 162.222 $\pm$ 0.034 χ^2 /NDF: 2318971.7/31

In: 168.112 $\pm$ 0.051 χ^2 /NDF:1041394.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

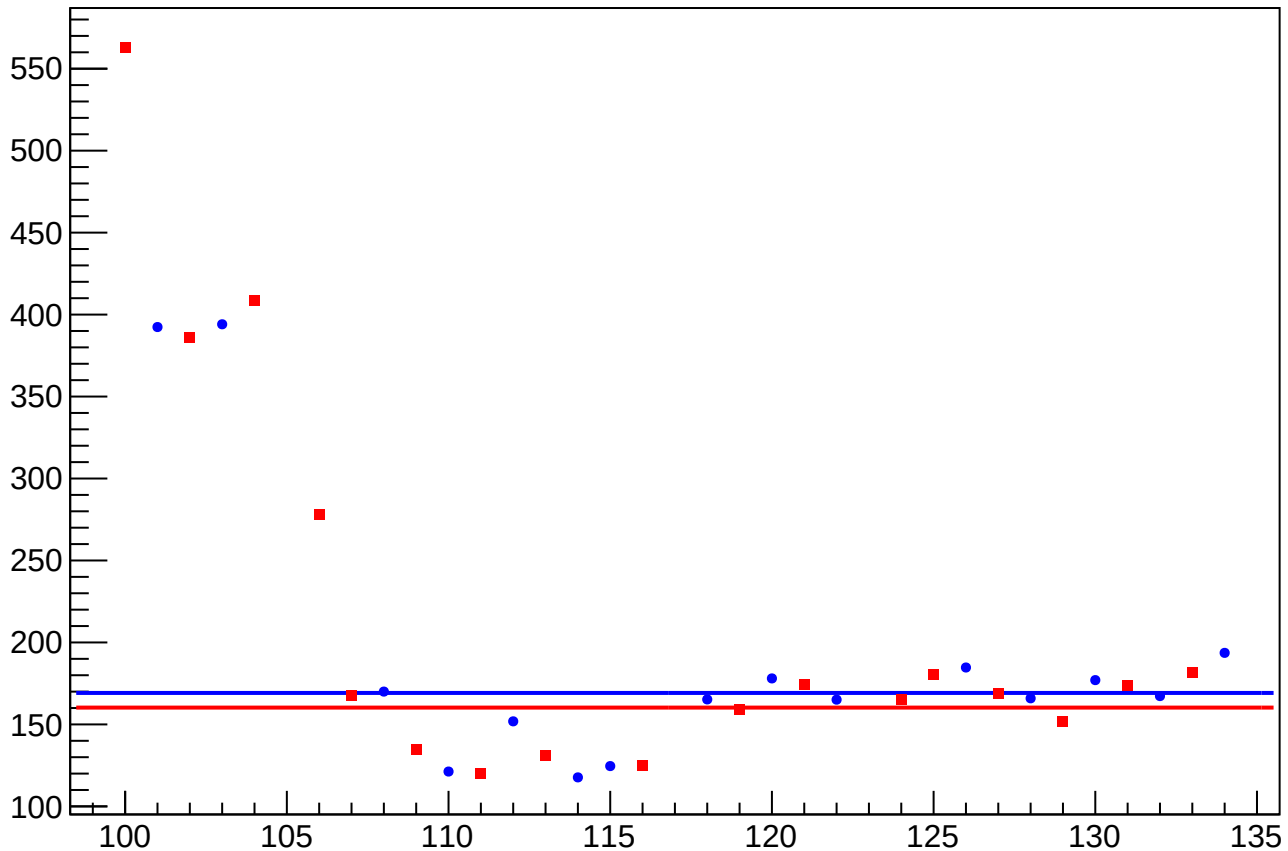
All: 162.222 $\pm$ 0.034 χ^2 /NDF: 2318971.7/31

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141640.462 $\pm$ 0.072 χ^2 /NDF: 61049306.7/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 141649.223 $\pm$ 0.066 χ^2 /NDF: 53499343.4/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141645.233 $\pm$ 0.049 χ^2 /NDF: 114556705.8/3
 In: 141640.462 $\pm$ 0.072 χ^2 /NDF:61049306.7/14
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 141645.233 $\pm$ 0.049 χ^2 /NDF: 114556705.8/3

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 169.200 $\pm$ 0.051 χ^2 /NDF: 1035877.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.261 $\pm$ 0.047 χ^2 /NDF: 1256120.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

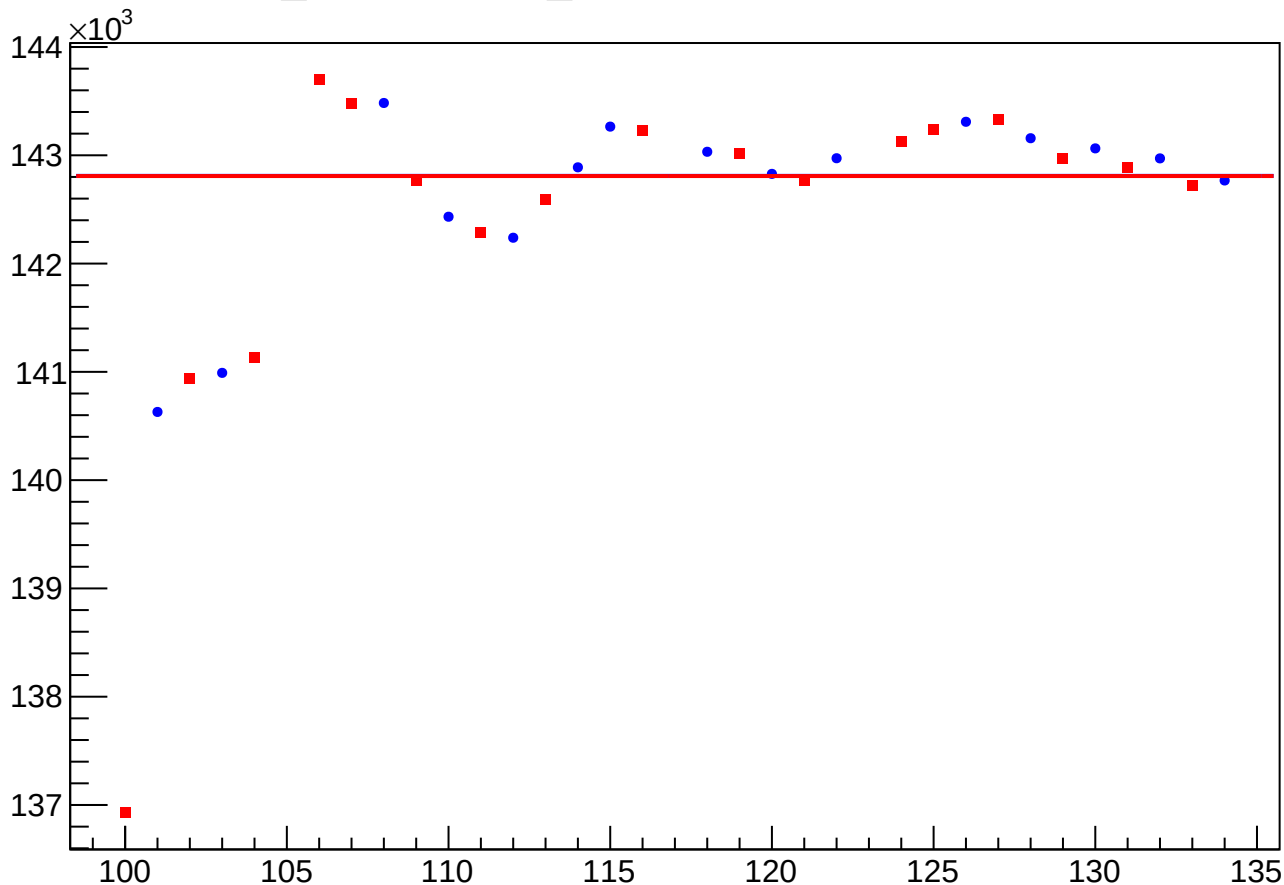
Right: 164.332 $\pm$ 0.034 χ^2 /NDF: 2308770.4/31

In: 169.200 $\pm$ 0.051 χ^2 /NDF:1035877.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.332 $\pm$ 0.034 χ^2 /NDF: 2308770.4/31

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142809.963+/-0.073 χ^2 /NDF: 57457050.9/14

Right: 142809.057+/-0.049 χ^2 /NDF: 117838952.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142808.316+/-0.066 χ^2 /NDF: 60381624.6/16

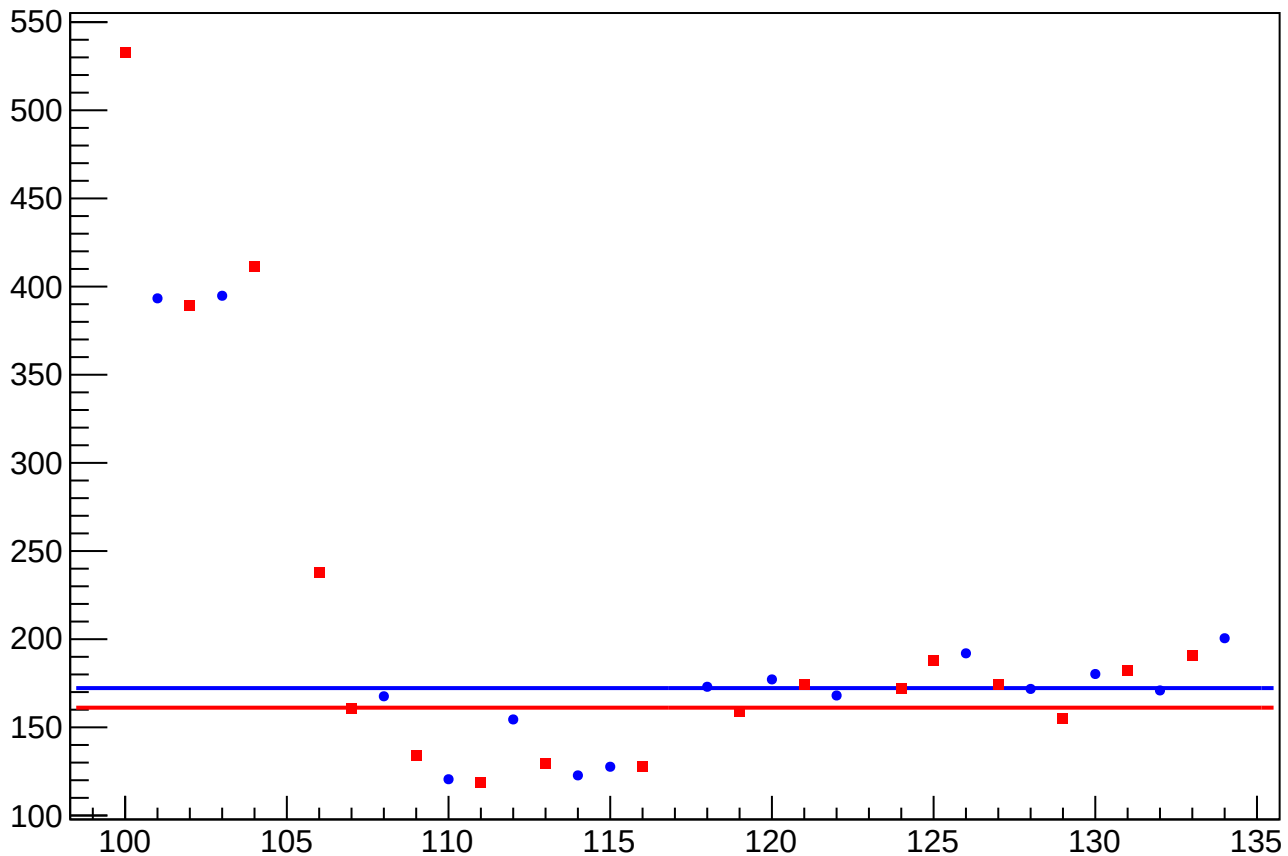
In: 142809.963+/-0.073 χ^2 /NDF: 57457050.9/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142809.057+/-0.049 χ^2 /NDF: 117838952.9/3

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 172.261+/-0.052 χ^2/NDF : 1032794.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.154+/-0.047 χ^2/NDF : 1246635.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

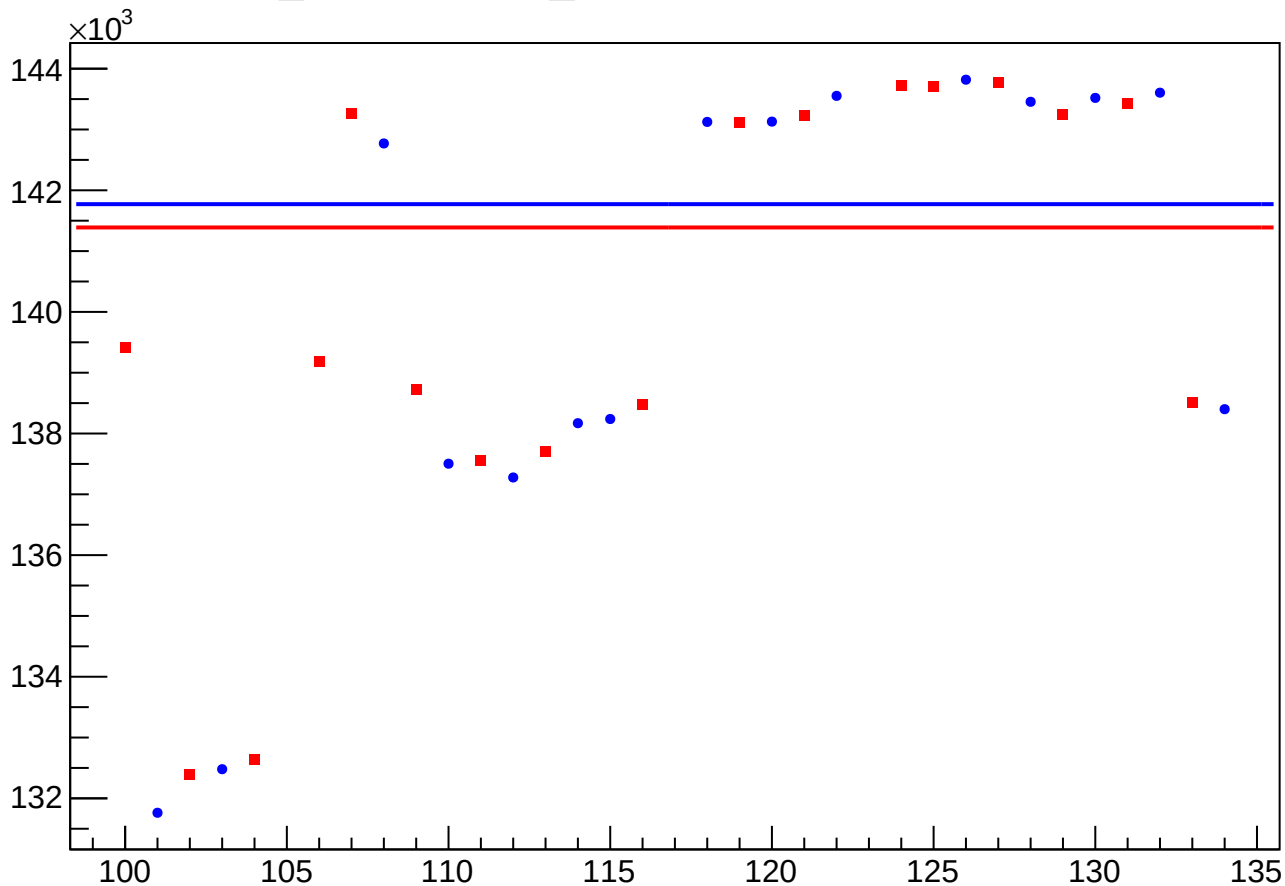
Right: 166.154+/-0.035 χ^2/NDF : 2304679.0/31

In: 172.261+/-0.052 χ^2/NDF : 1032794.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.154+/-0.035 χ^2/NDF : 2304679.0/31

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141772.037+/-0.108 χ^2 /NDF: 910188989.8/14

Right: 141578.885+/-0.076 χ^2 /NDF: 1783468891.2/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

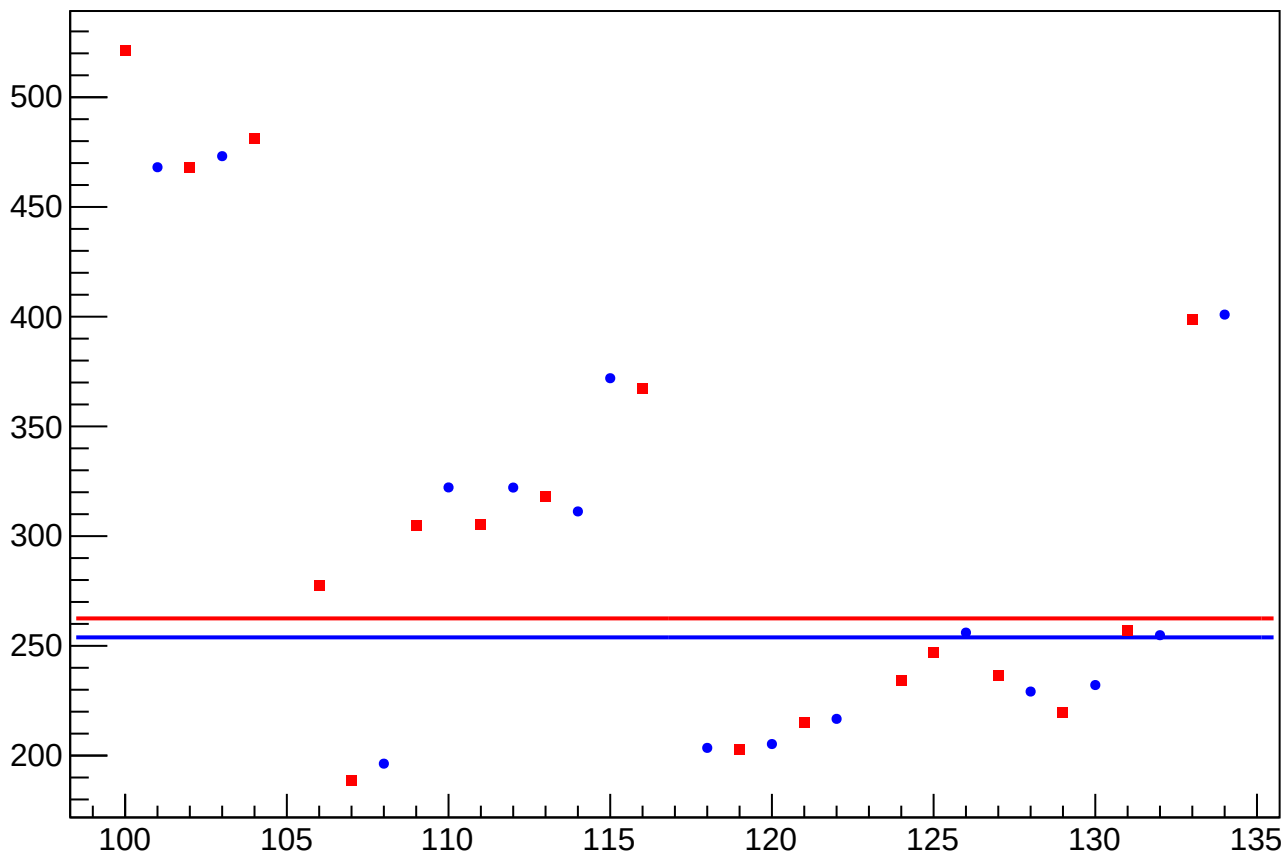
Right Out: 141388.721+/-0.107 χ^2 /NDF: 866898952.3/16

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141578.885+/-0.076 χ^2 /NDF: 1783468891.2/16

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 253.862 $\pm$ 0.076 χ^2 /NDF: 948400.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 262.505 $\pm$ 0.076 χ^2 /NDF: 956961.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

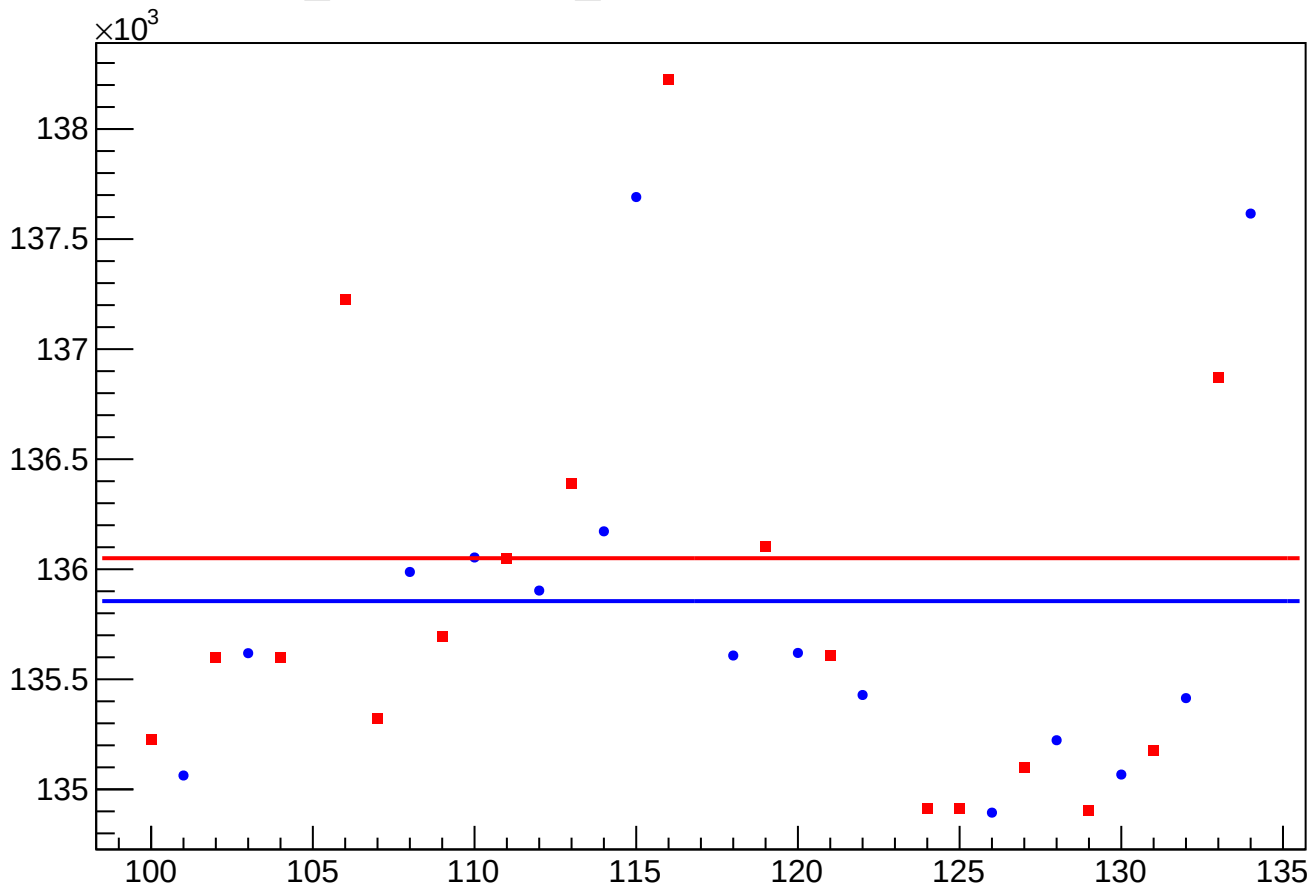
Right: 258.217 $\pm$ 0.054 χ^2 /NDF: 1911851.0/31

In: 253.862 $\pm$ 0.076 χ^2 /NDF:948400.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.217 $\pm$ 0.054 χ^2 /NDF: 1911851.0/31

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135855.202+/-0.124 χ^2 /NDF: 30669768.0/14

Right: 135964.859+/-0.082 χ^2 /NDF: 83945596.9/31

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

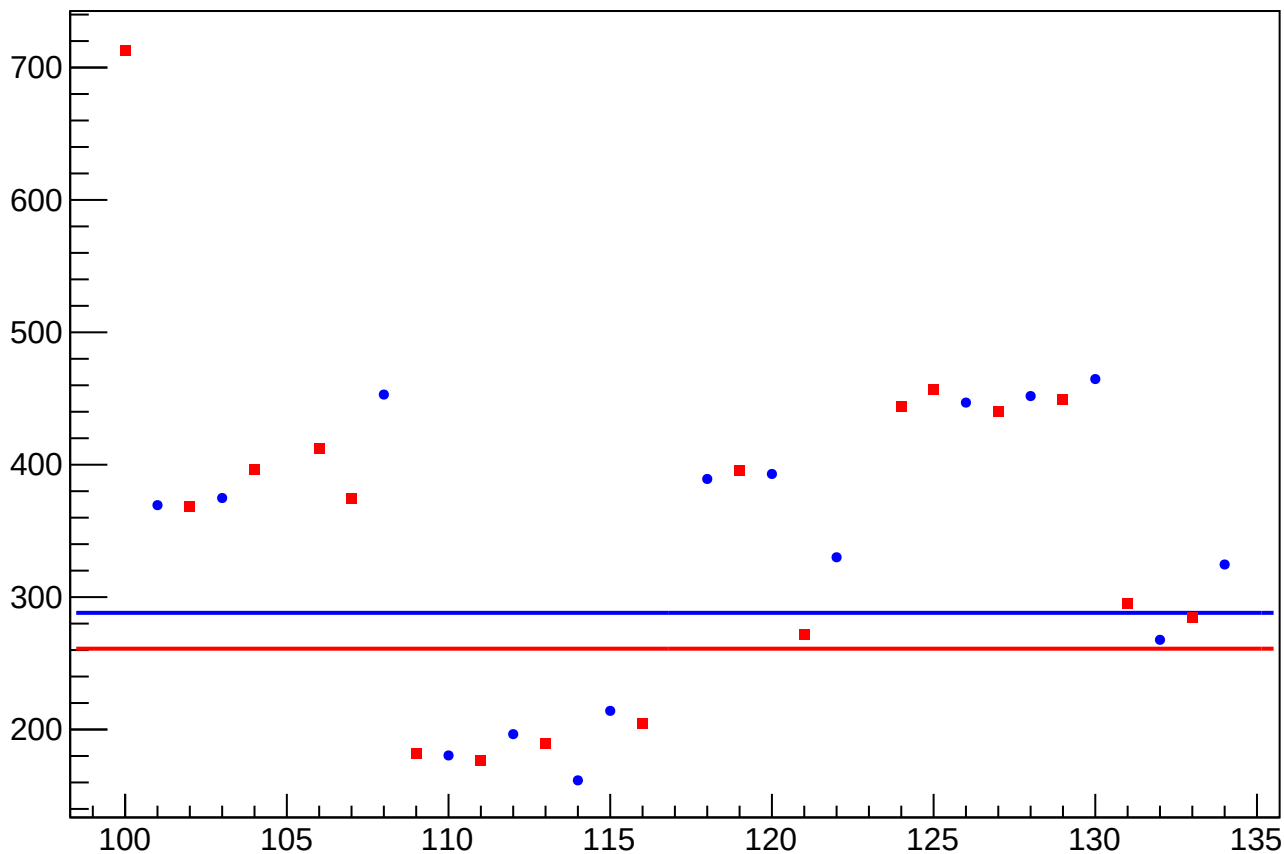
Right Out: 136050.169+/-0.109 χ^2 /NDF: 51883184.8/16

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135964.859+/-0.082 χ^2 /NDF: 83945596.9/31

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 288.114+/-0.088 χ^2/NDF : 1361764.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 261.046+/-0.077 χ^2/NDF : 1570514.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

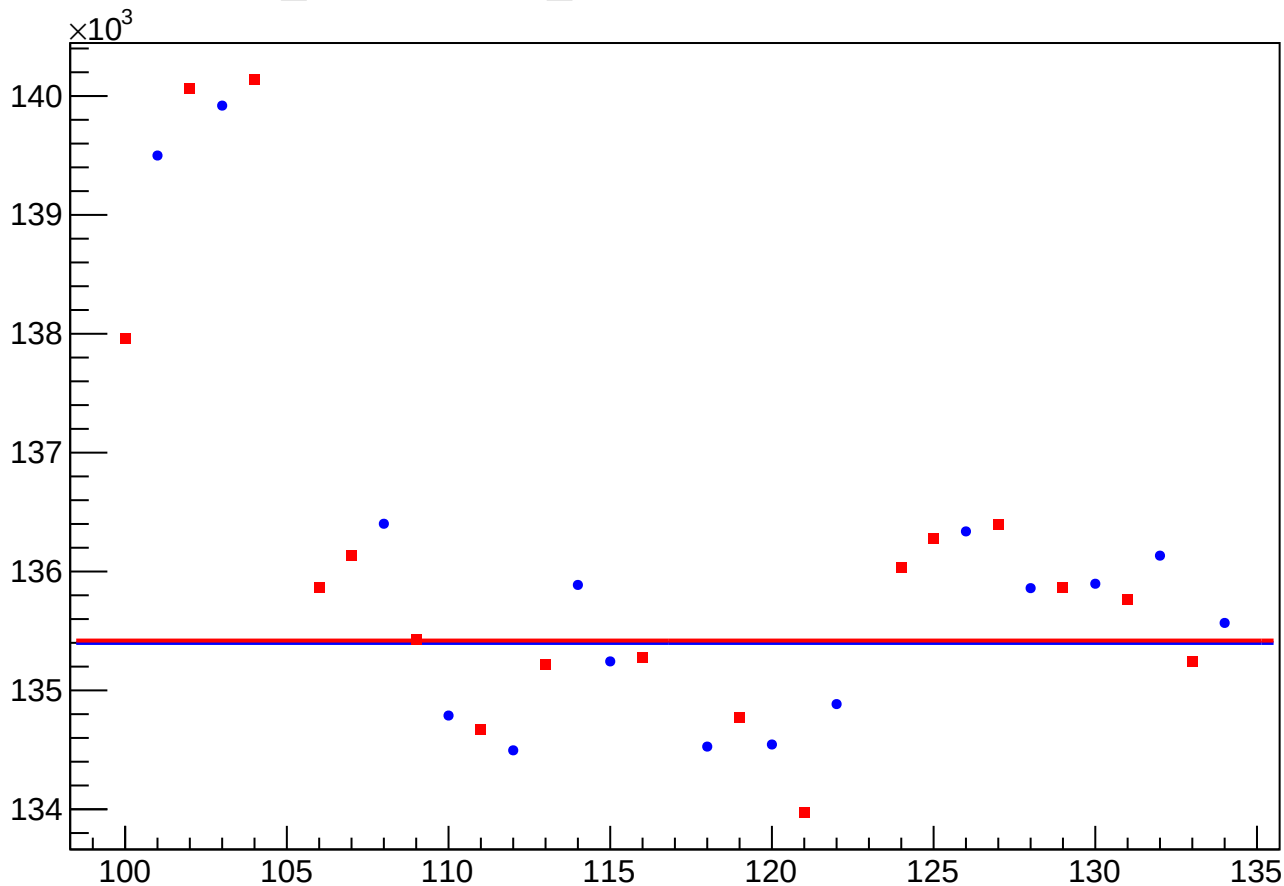
Right: 272.890+/-0.058 χ^2/NDF : 2985963.0/31

In: 288.114+/-0.088 χ^2/NDF :1361764.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 272.890+/-0.058 χ^2/NDF : 2985963.0/31

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 135399.233+/-0.058 χ^2/NDF : 321119367.7/14

Right: 135409.927+/-0.039 χ^2/NDF : 623737326.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135419.154+/-0.054 χ^2/NDF : 302554216.3/16

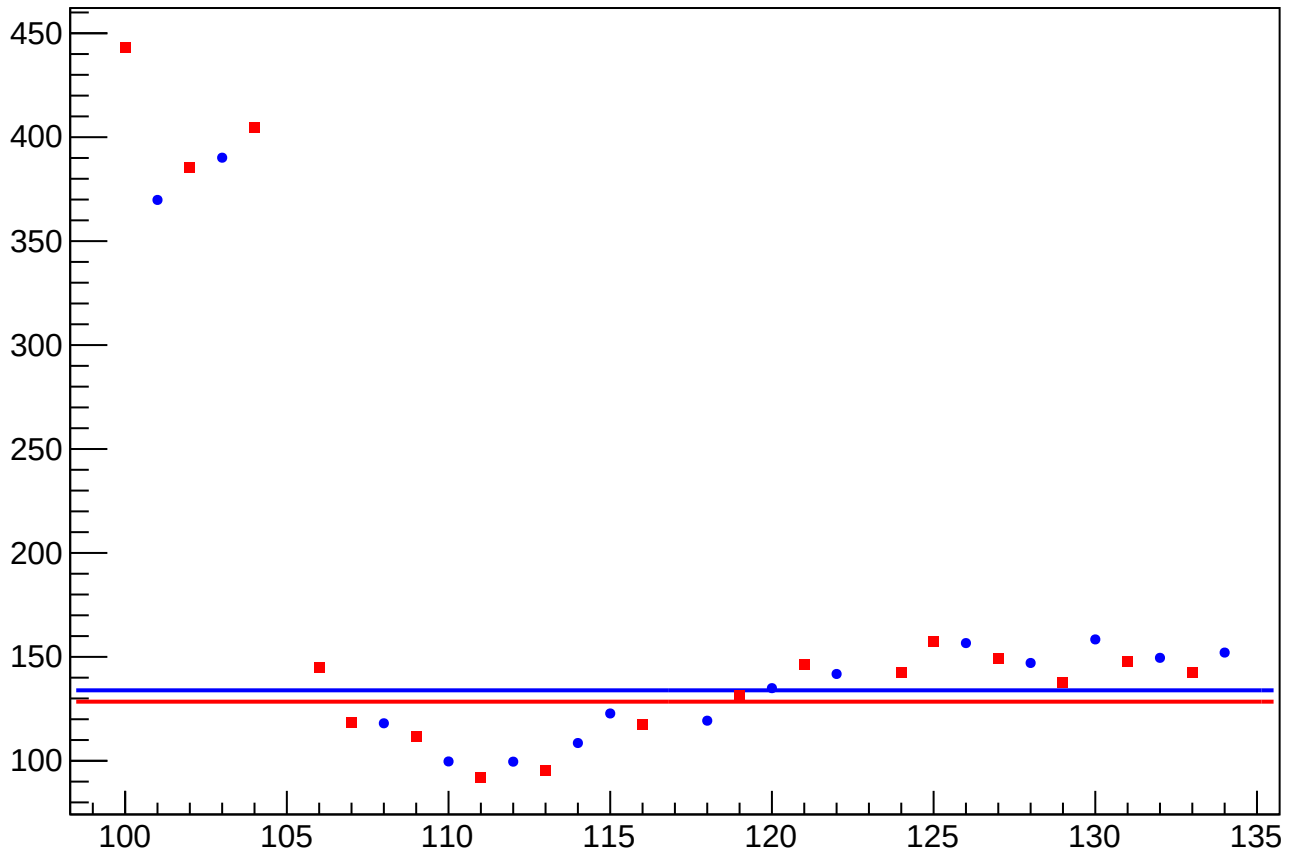
In: 135399.233+/-0.058 χ^2/NDF : 321119367.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135409.927+/-0.039 χ^2/NDF : 623737326.8/3

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 133.914+/-0.041 χ^2/NDF : 1351728.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.456+/-0.038 χ^2/NDF : 1489359.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

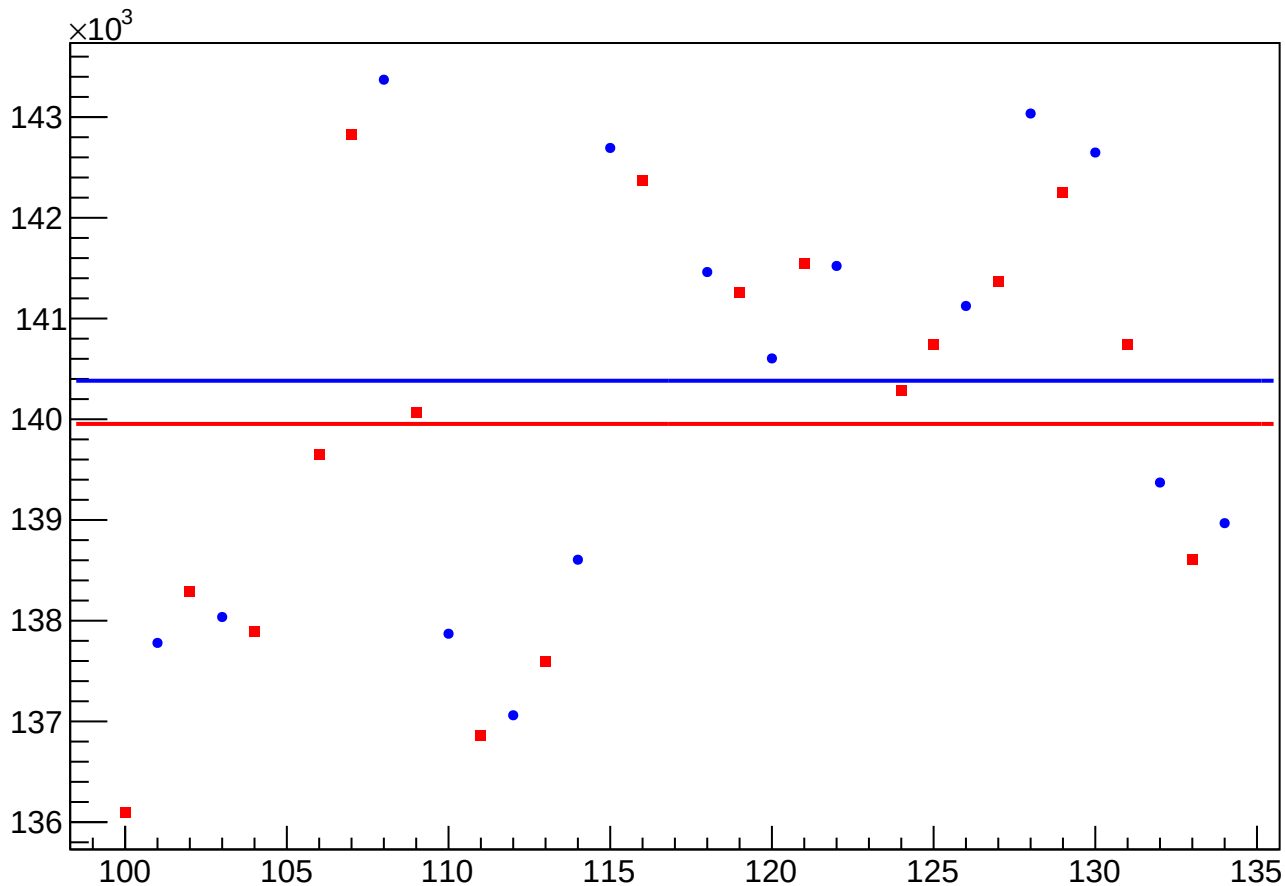
Right: 130.984+/-0.028 χ^2/NDF : 2850654.9/31

In: 133.914+/-0.041 χ^2/NDF : 1351728.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.984+/-0.028 χ^2/NDF : 2850654.9/31

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140382.495+/-0.066 χ^2 /NDF: 1008375562.4/14

Right: 140153.251+/-0.045 χ^2 /NDF: 1999586314.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 139953.688+/-0.062 χ^2 /NDF: 968854925.6/16

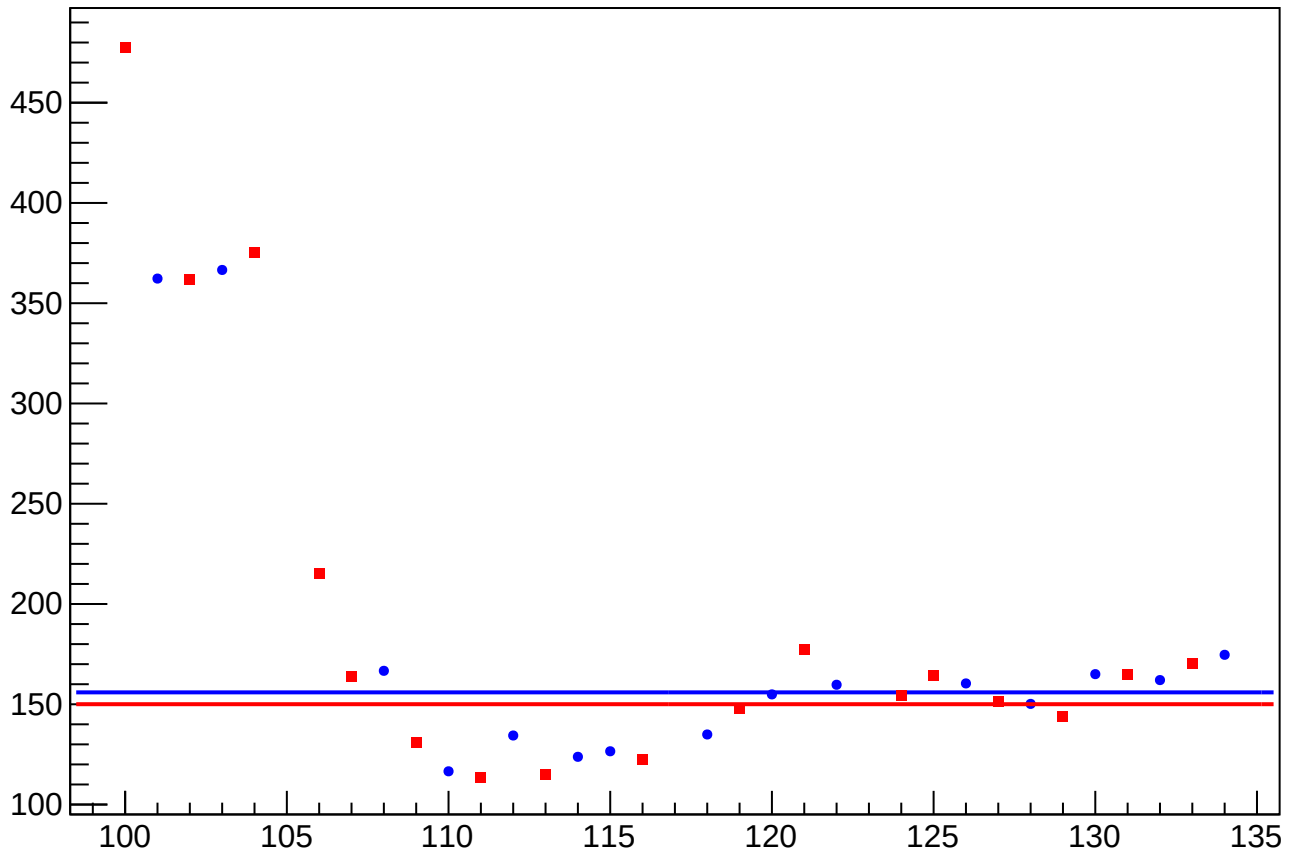
In: 140382.495+/-0.066 χ^2 /NDF: 1008375562.4/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140153.251+/-0.045 χ^2 /NDF: 1999586314.4/14

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 155.935+/-0.047 χ^2/NDF : 998739.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 150.035+/-0.044 χ^2/NDF : 1195061.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

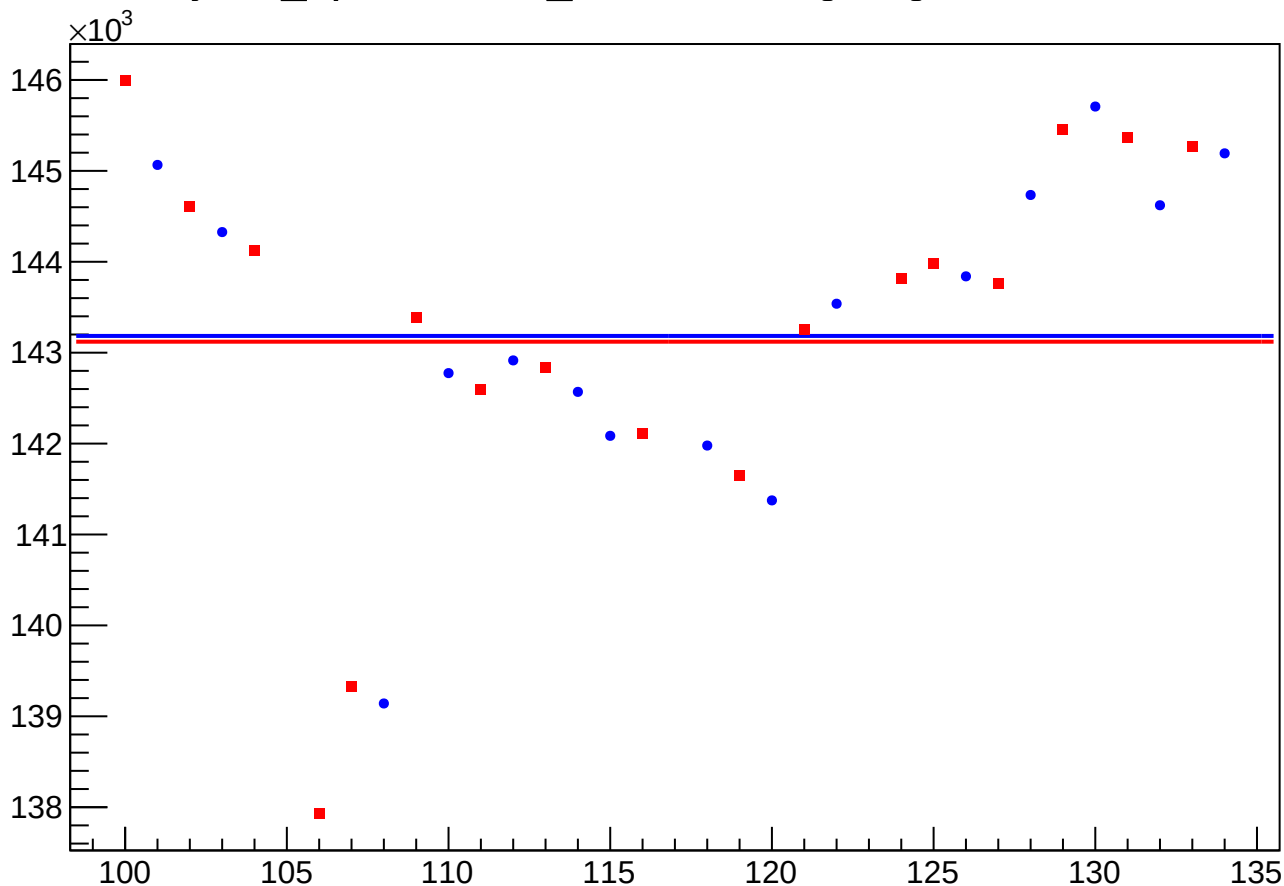
Right: 152.781+/-0.032 χ^2/NDF : 2202264.8/31

In: 155.935+/-0.047 χ^2/NDF :998739.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

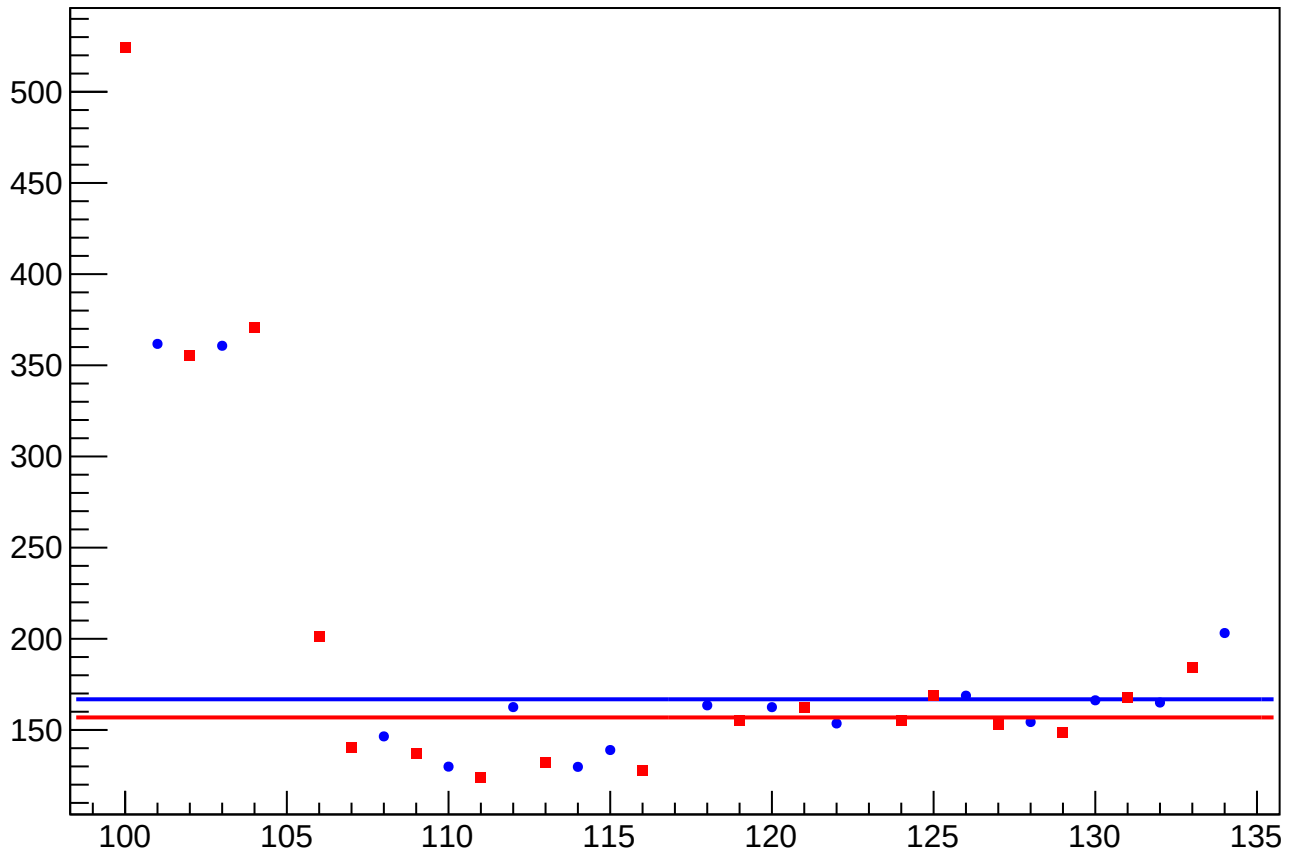
All: 152.781+/-0.032 χ^2/NDF : 2202264.8/31

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 143184.309+/-0.071 χ^2 /NDF: 635640290.5/14
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 143149.597+/-0.048 χ^2 /NDF: 1322357023.2/16
 In: 143184.309+/-0.071 χ^2 /NDF: 635640290.5/14
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 143149.597+/-0.048 χ^2 /NDF: 1322357023.2/16

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 166.822+/-0.050 χ^2/NDF : 863494.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.872+/-0.045 χ^2/NDF : 1016953.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

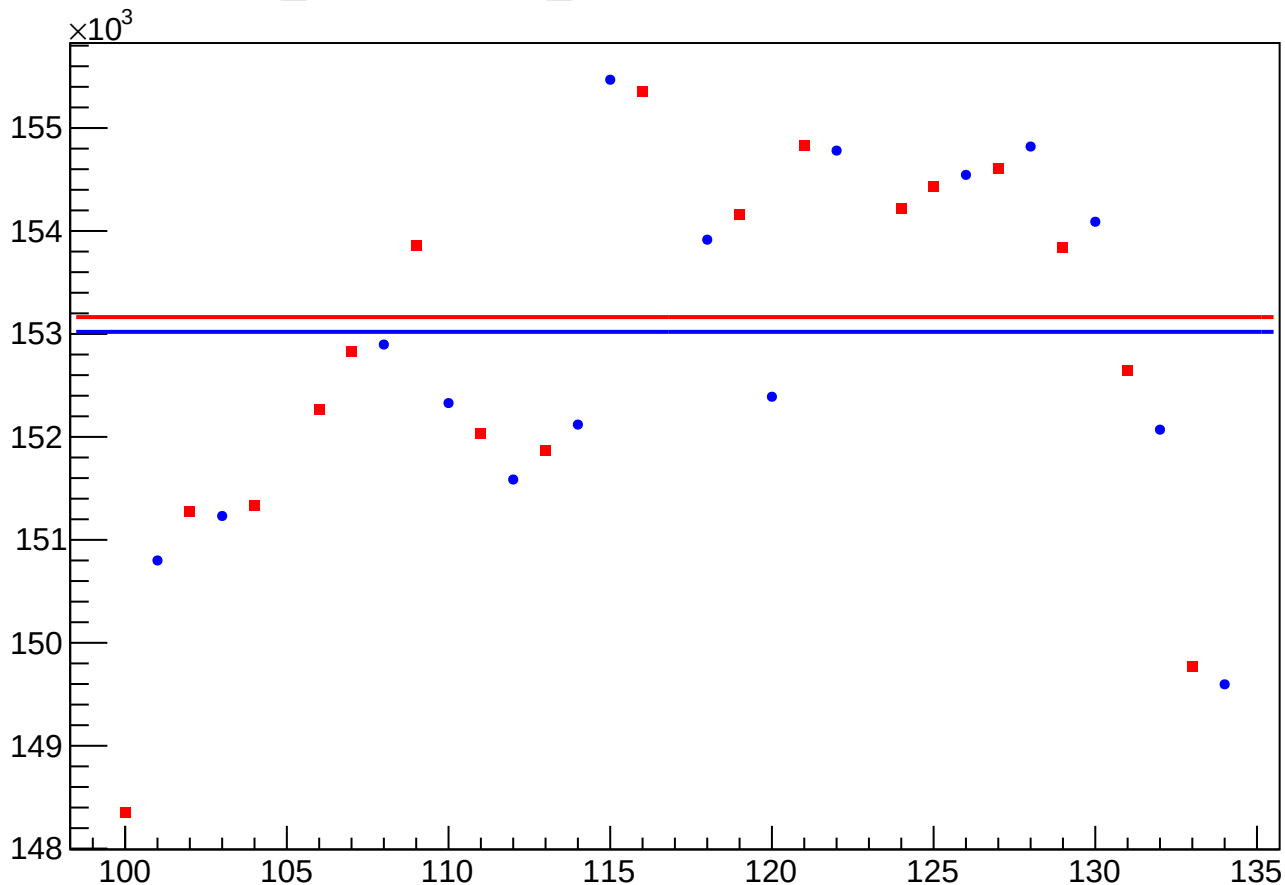
Right: 161.377+/-0.034 χ^2/NDF : 1902137.1/31

In: 166.822+/-0.050 χ^2/NDF : 863494.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.377+/-0.034 χ^2/NDF : 1902137.1/31

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153020.351+/-0.078 χ^2 /NDF: 390541722.8/14

Right: 153100.491+/-0.052 χ^2 /NDF: 852146103.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153163.733+/-0.070 χ^2 /NDF: 459727484.8/16

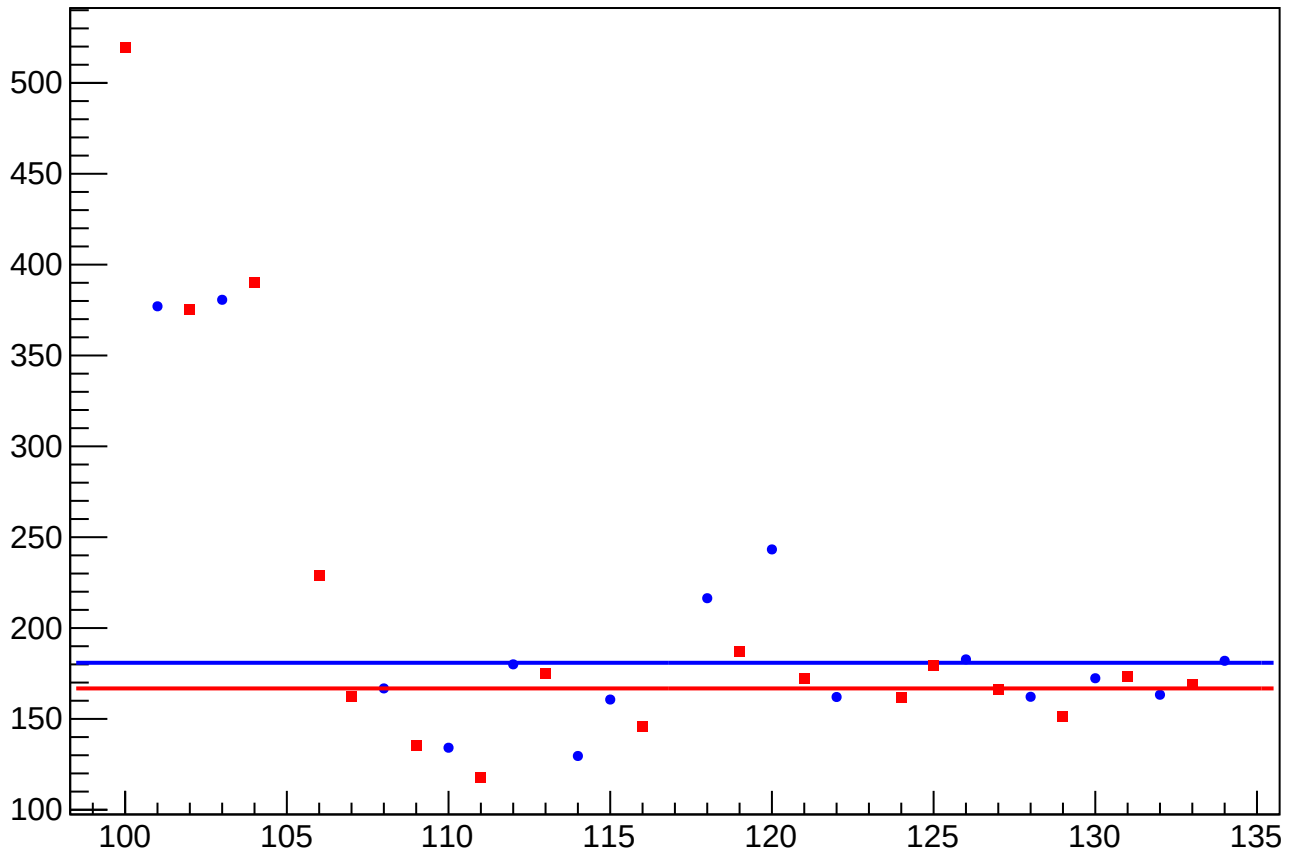
In: 153020.351+/-0.078 χ^2 /NDF: 390541722.8/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153100.491+/-0.052 χ^2 /NDF: 852146103.7/3

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.887 $\pm$ 0.055 χ^2 /NDF: 907751.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.773 $\pm$ 0.049 χ^2 /NDF: 1075884.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

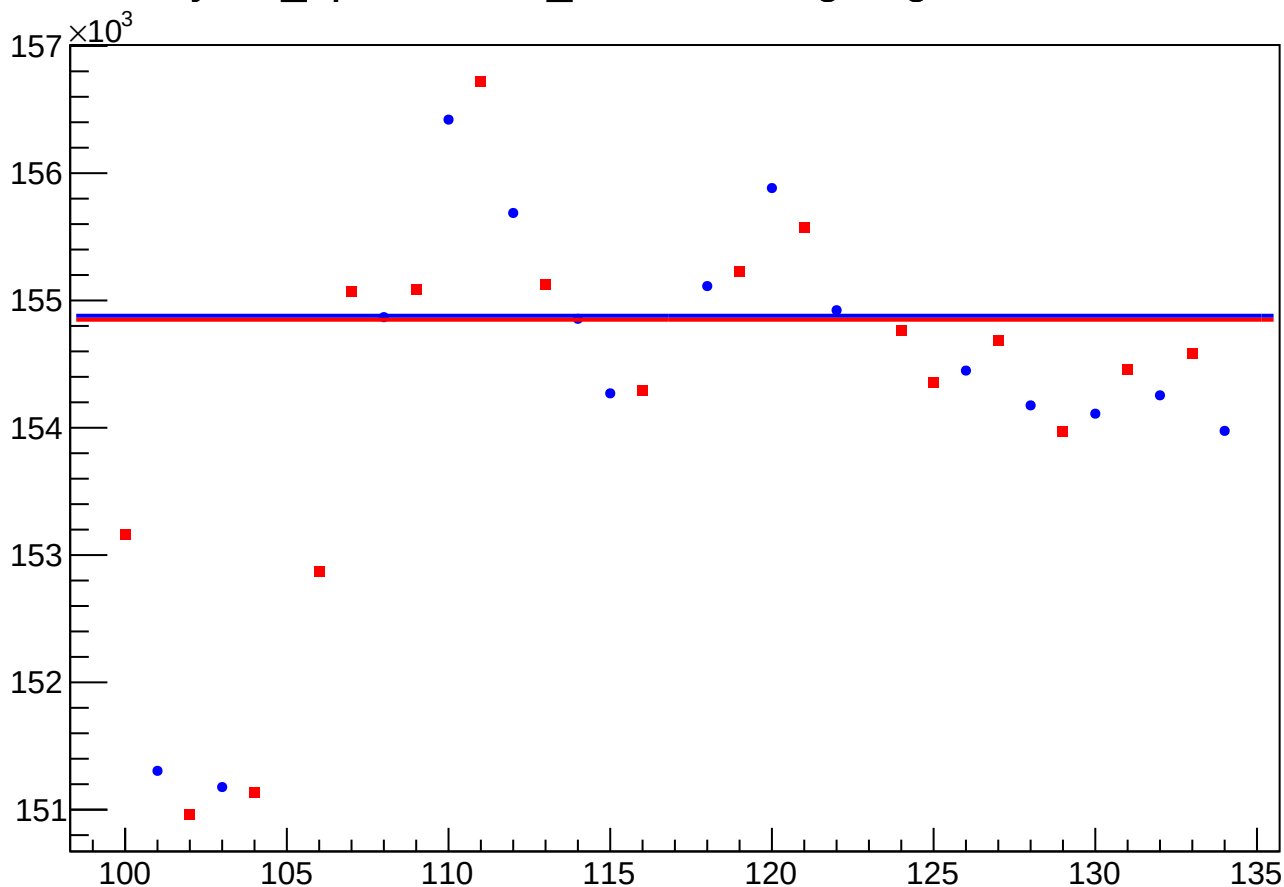
Right: 172.999 $\pm$ 0.037 χ^2 /NDF: 2020006.4/31

In: 180.887 $\pm$ 0.055 χ^2 /NDF:907751.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.999 $\pm$ 0.037 χ^2 /NDF: 2020006.4/31

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 154879.947+/-0.069 χ^2 /NDF: 230136054.3/14

Right: 154863.082+/-0.047 χ^2 /NDF: 523485794.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154848.803+/-0.063 χ^2 /NDF: 293238848.9/16

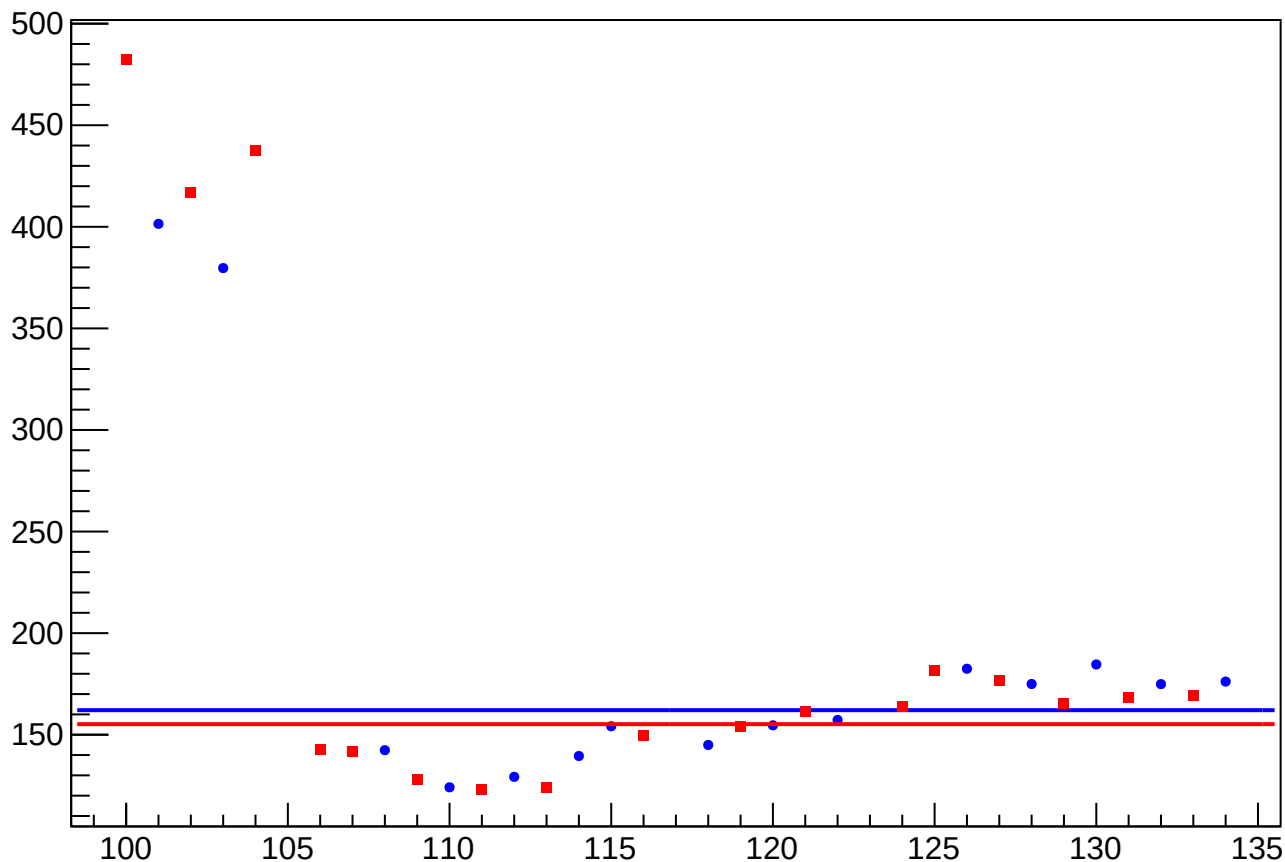
In: 154879.947+/-0.069 χ^2 /NDF: 230136054.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154863.082+/-0.047 χ^2 /NDF: 523485794.9/3

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 162.082+/-0.049 χ^2/NDF : 1039901.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.205+/-0.045 χ^2/NDF : 1223389.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

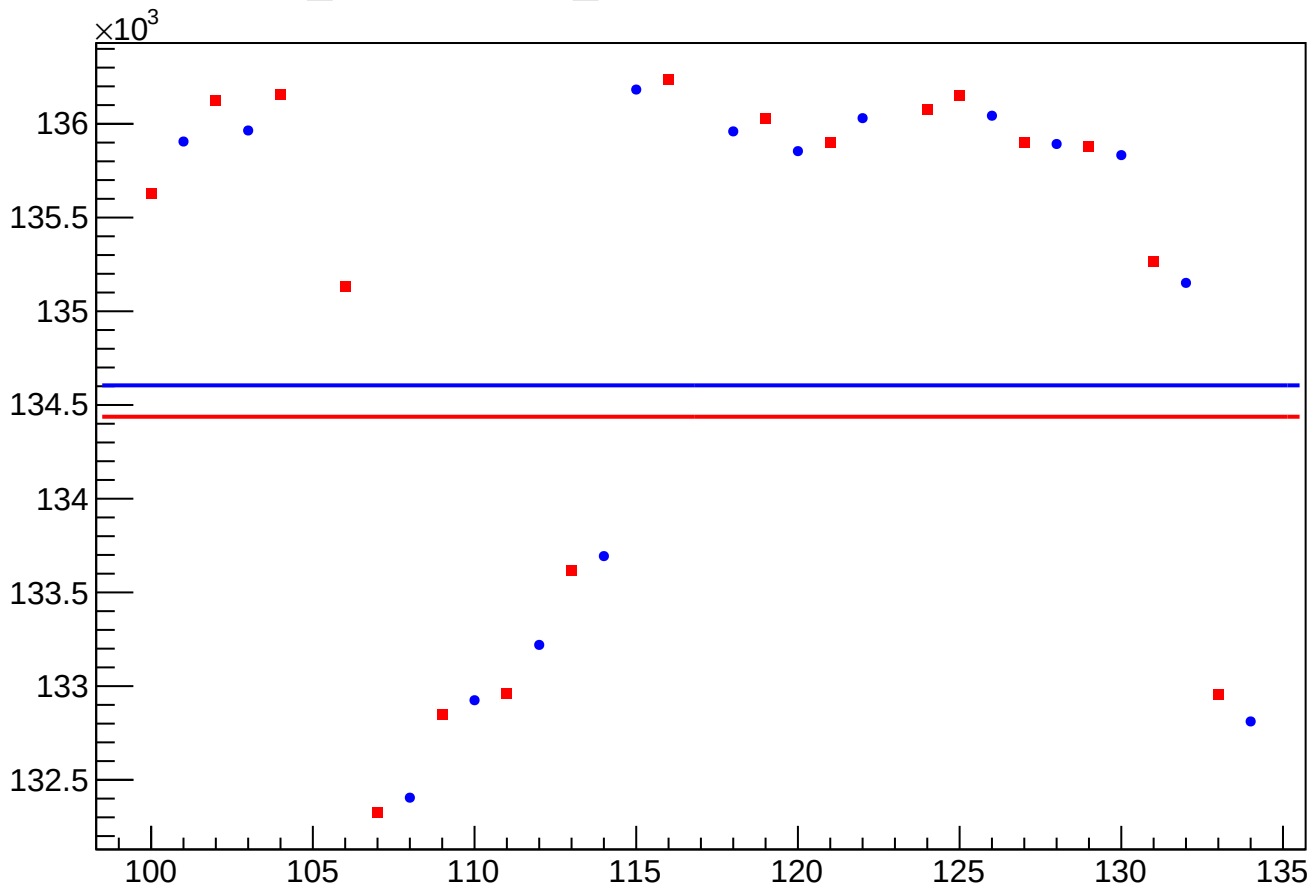
Right: 158.358+/-0.033 χ^2/NDF : 2274103.2/31

In: 162.082+/-0.049 χ^2/NDF : 1039901.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

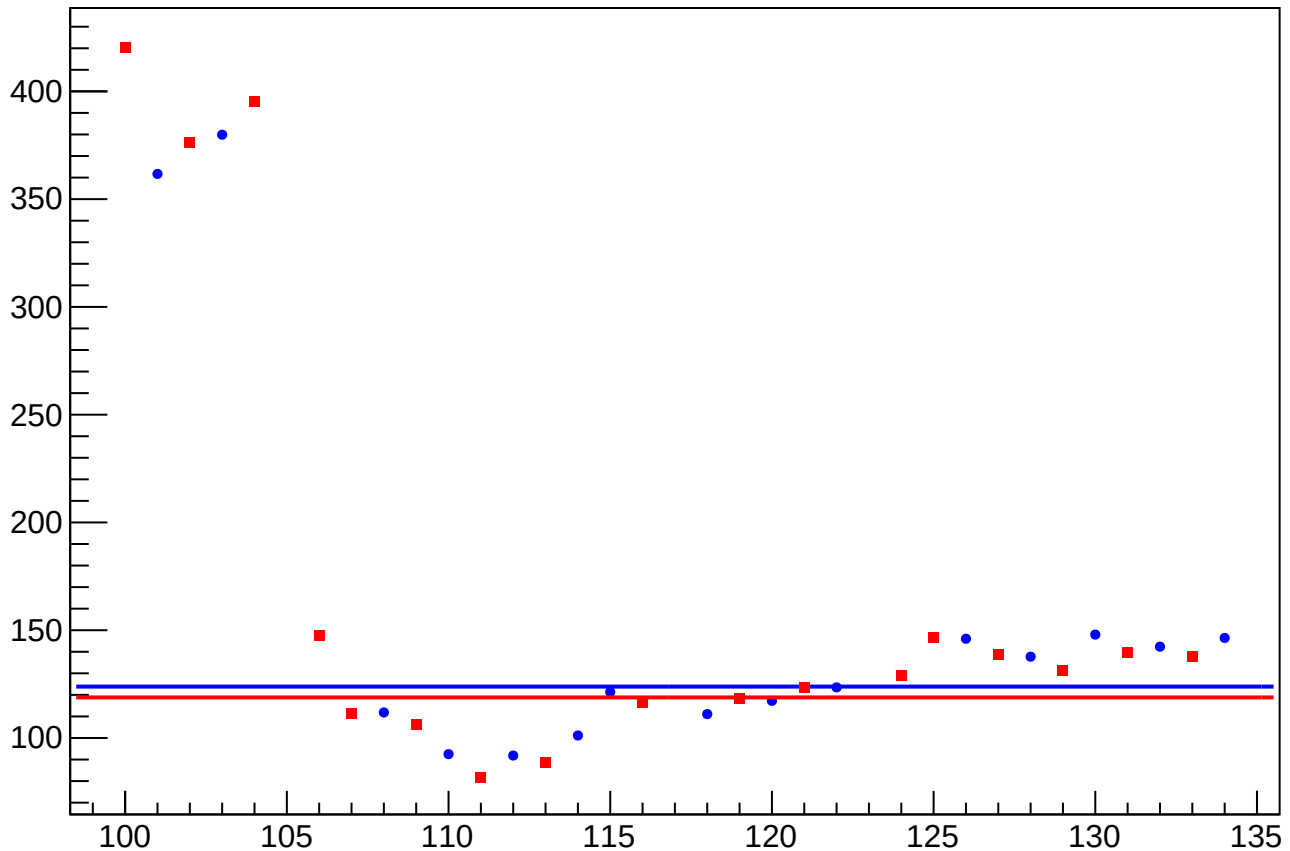
All: 158.358+/-0.033 χ^2/NDF : 2274103.2/31

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134604.761 $\pm$ 0.053 χ^2 /NDF: 755290451.2/14
 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: 134514.924 $\pm$ 0.036 χ^2 /NDF: 1617708685.0/16
 In: 134604.761 $\pm$ 0.053 χ^2 /NDF: 755290451.2/14
 Right Out: 134437.361 $\pm$ 0.050 χ^2 /NDF: 857163509.6/16
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 134514.924 $\pm$ 0.036 χ^2 /NDF: 1617708685.0/16

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 123.845+/-0.038 χ^2/NDF : 1424889.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 118.817+/-0.035 χ^2/NDF : 1588642.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

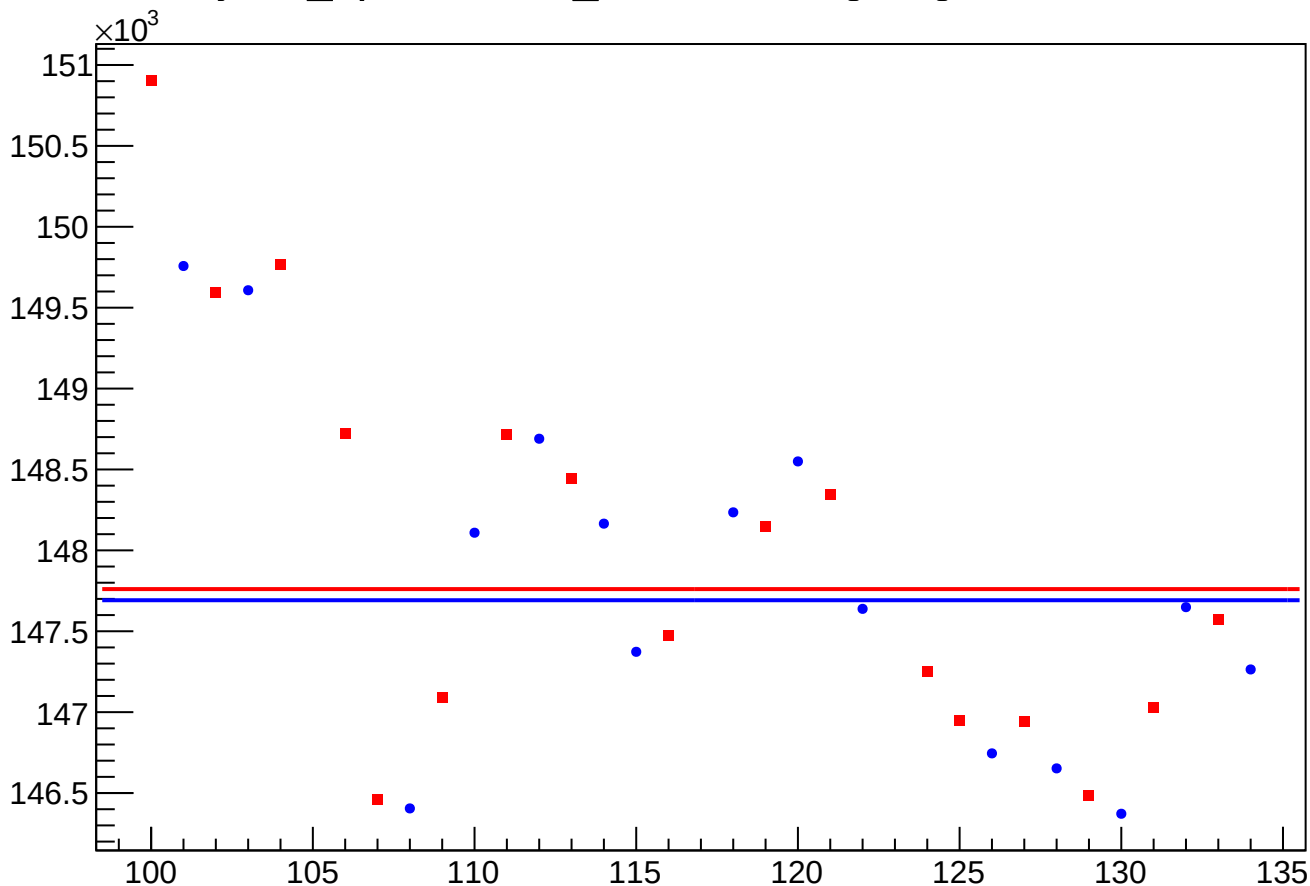
Right: 121.147+/-0.026 χ^2/NDF : 3023012.9/31

In: 123.845+/-0.038 χ^2/NDF :1424889.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.147+/-0.026 χ^2/NDF : 3023012.9/31

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 147691.760+/-0.066 χ^2 /NDF: 183970593.9/14

Right: 147728.787+/-0.045 χ^2 /NDF: 374423106.5/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147760.607+/-0.061 χ^2 /NDF: 189866715.7/16

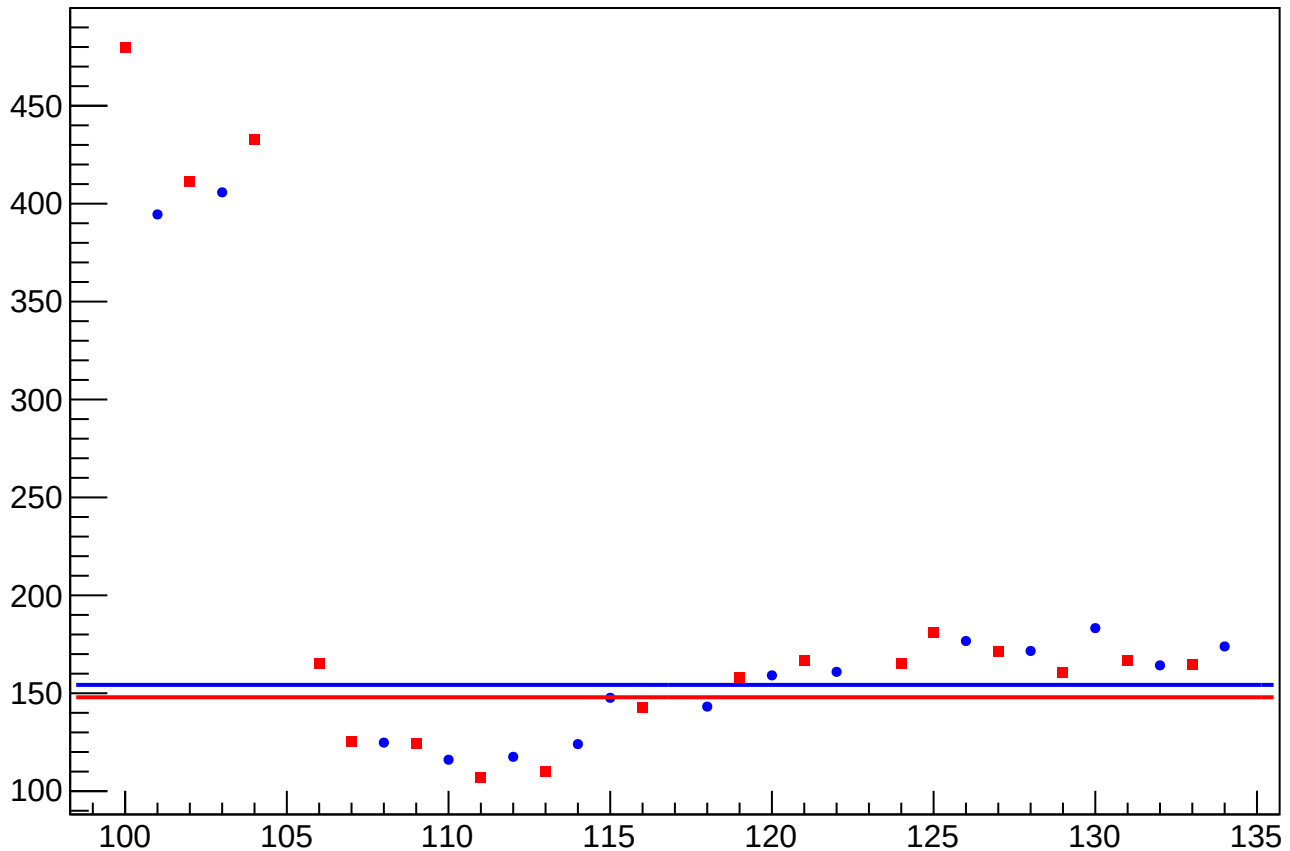
In: 147691.760+/-0.066 χ^2 /NDF: 183970593.9/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147728.787+/-0.045 χ^2 /NDF: 374423106.5/3

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 154.275+/-0.047 χ^2/NDF : 1234427.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 147.950+/-0.043 χ^2/NDF : 1421863.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

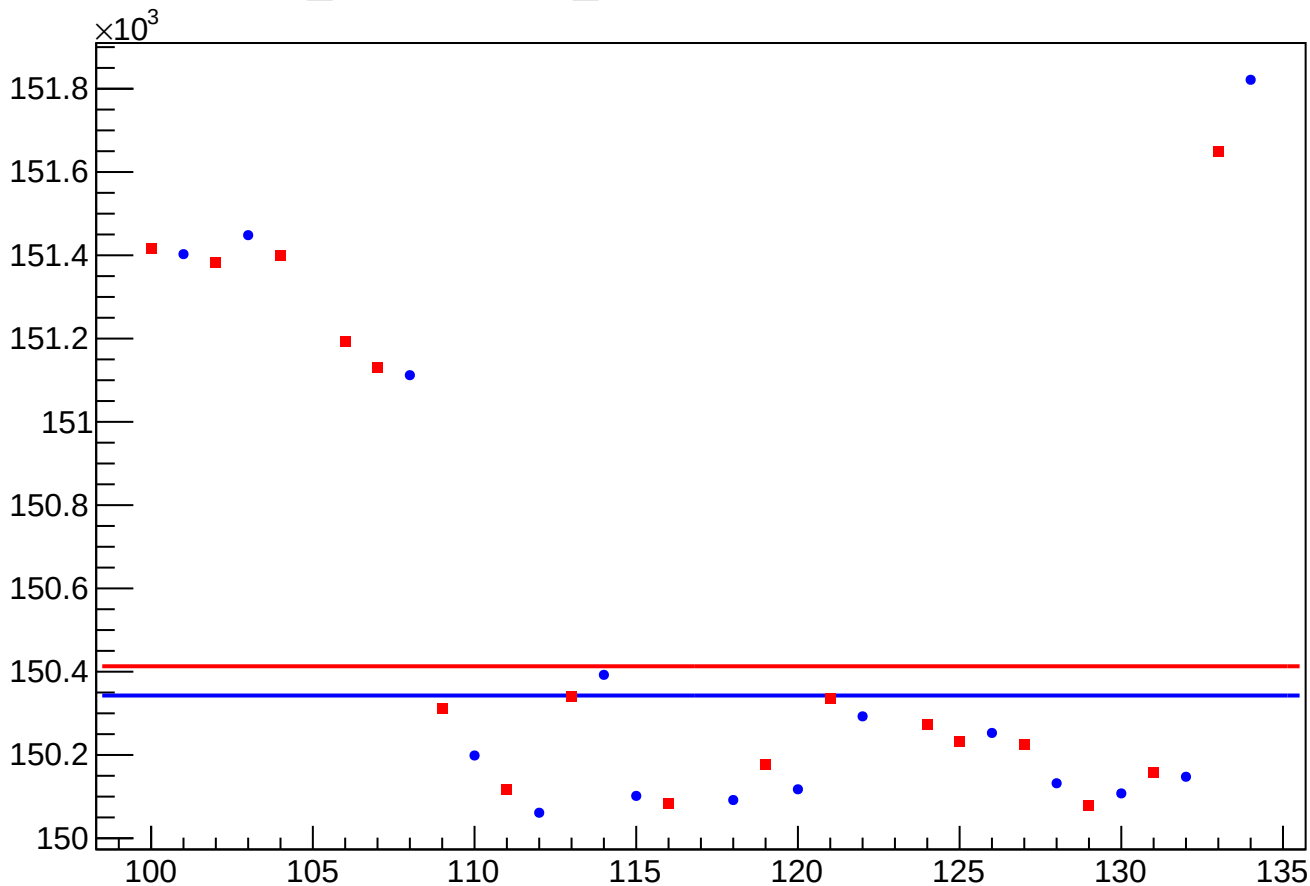
Right: 150.874+/-0.032 χ^2/NDF : 2666179.7/31

In: 154.275+/-0.047 χ^2/NDF :1234427.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

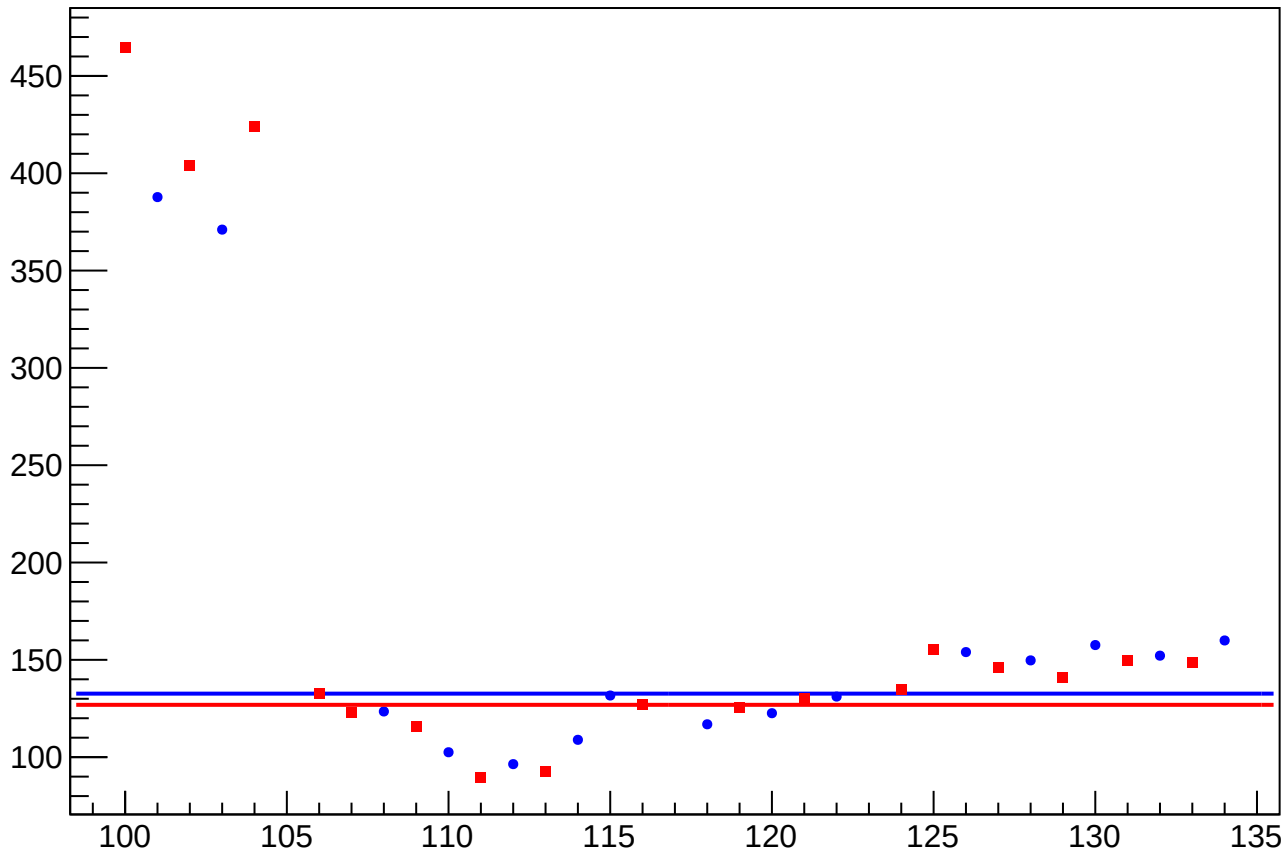
All: 150.874+/-0.032 χ^2/NDF : 2666179.7/31

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150342.776 $\pm$ 0.057 χ^2 /NDF: 66639972.9/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150413.023 $\pm$ 0.053 χ^2 /NDF: 70824477.2/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150380.845 $\pm$ 0.039 χ^2 /NDF: 138279383.5/30
 In: 150342.776 $\pm$ 0.057 χ^2 /NDF:66639972.9/14
 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: 150380.845 $\pm$ 0.039 χ^2 /NDF: 138279383.5/30

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 132.636 $\pm$ 0.041 χ^2 /NDF: 1345299.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.882 $\pm$ 0.037 χ^2 /NDF: 1555145.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

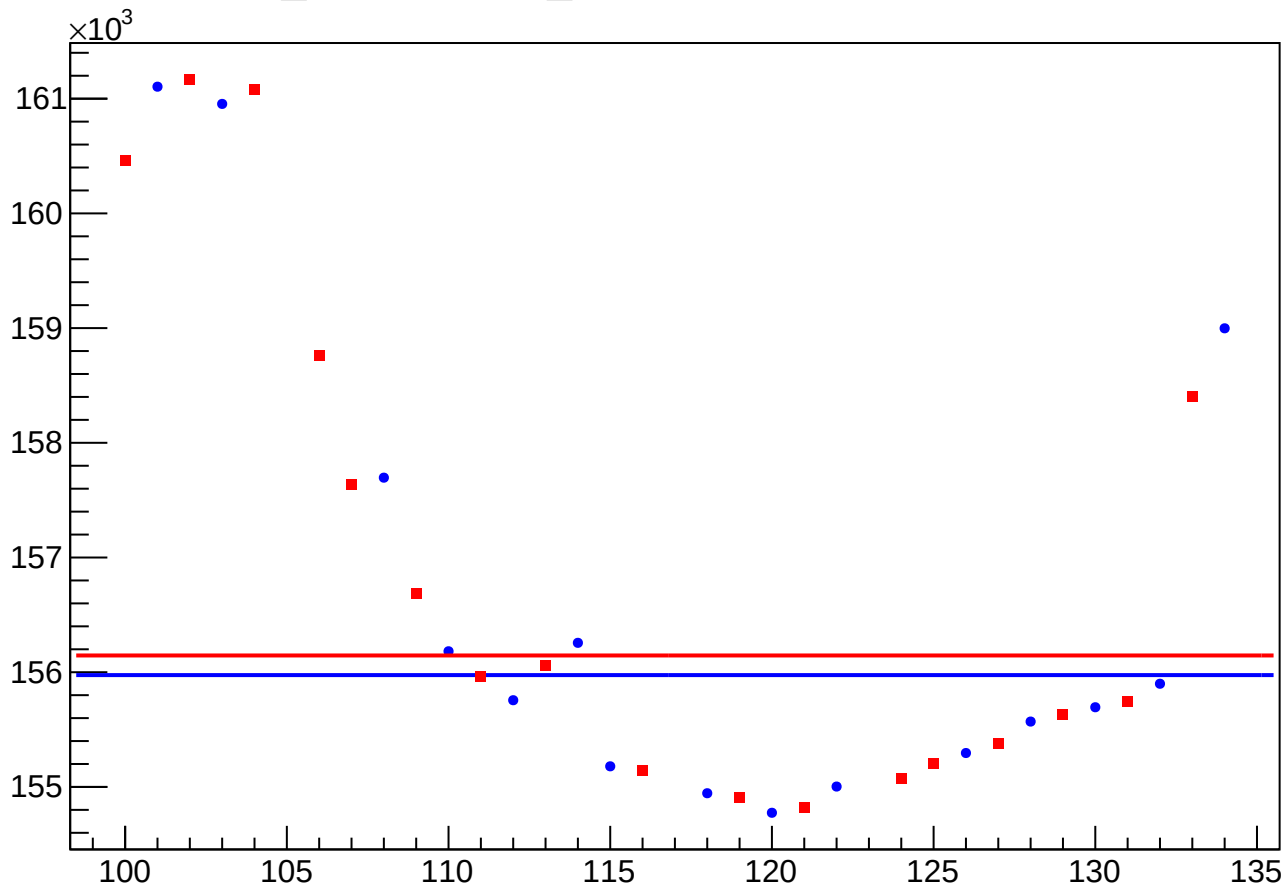
Right: 129.518 $\pm$ 0.027 χ^2 /NDF: 2911379.7/31

In: 132.636 $\pm$ 0.041 χ^2 /NDF:1345299.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.518 $\pm$ 0.027 χ^2 /NDF: 2911379.7/31

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155974.964+/-0.060 χ^2 /NDF: 494242685.1/14

Right: 156067.565+/-0.040 χ^2 /NDF: 1063585045.6/16

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156146.089+/-0.055 χ^2 /NDF: 564874098.6/16

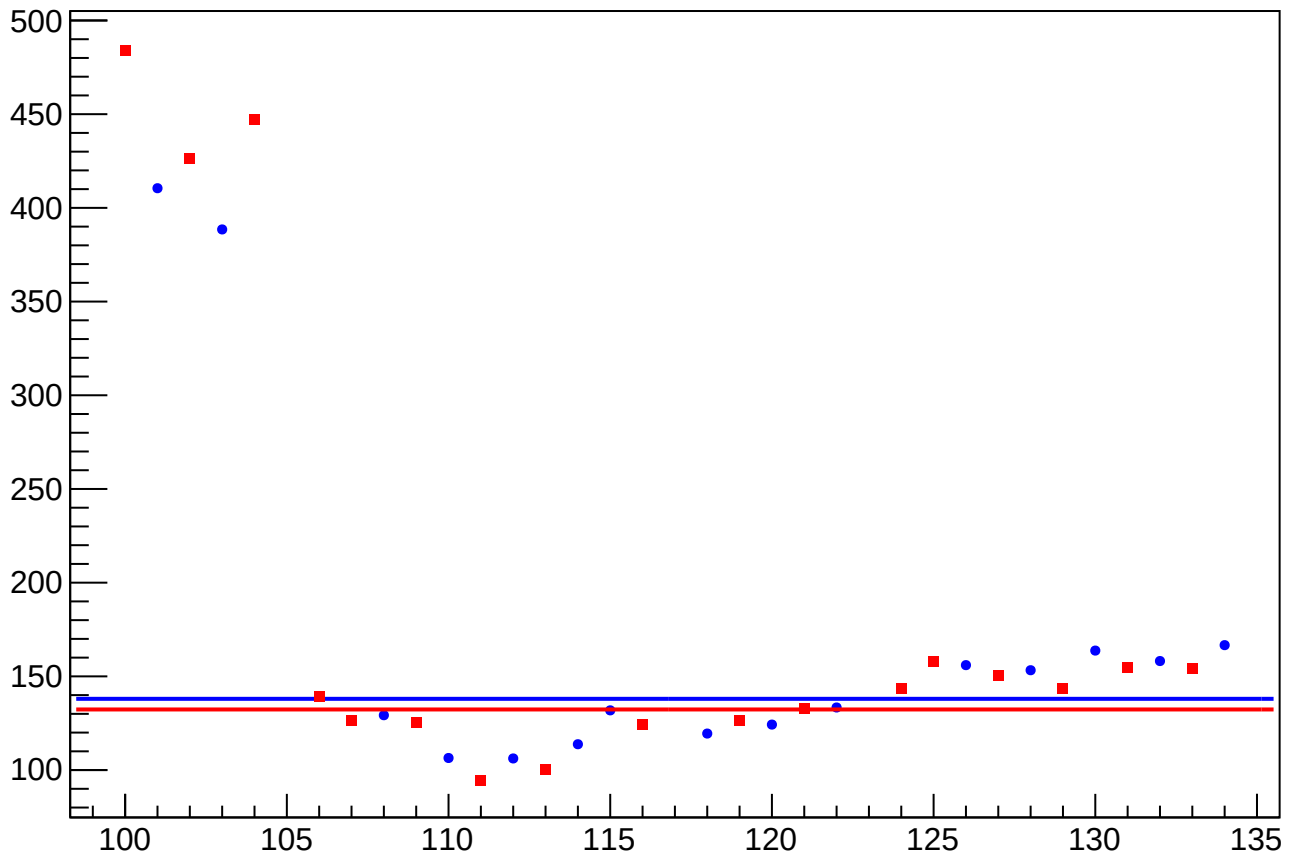
In: 155974.964+/-0.060 χ^2 /NDF: 494242685.1/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 156067.565+/-0.040 χ^2 /NDF: 1063585045.6/16

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 138.017 $\pm$ 0.042 χ^2 /NDF: 1317083.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.338 $\pm$ 0.039 χ^2 /NDF: 1515524.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

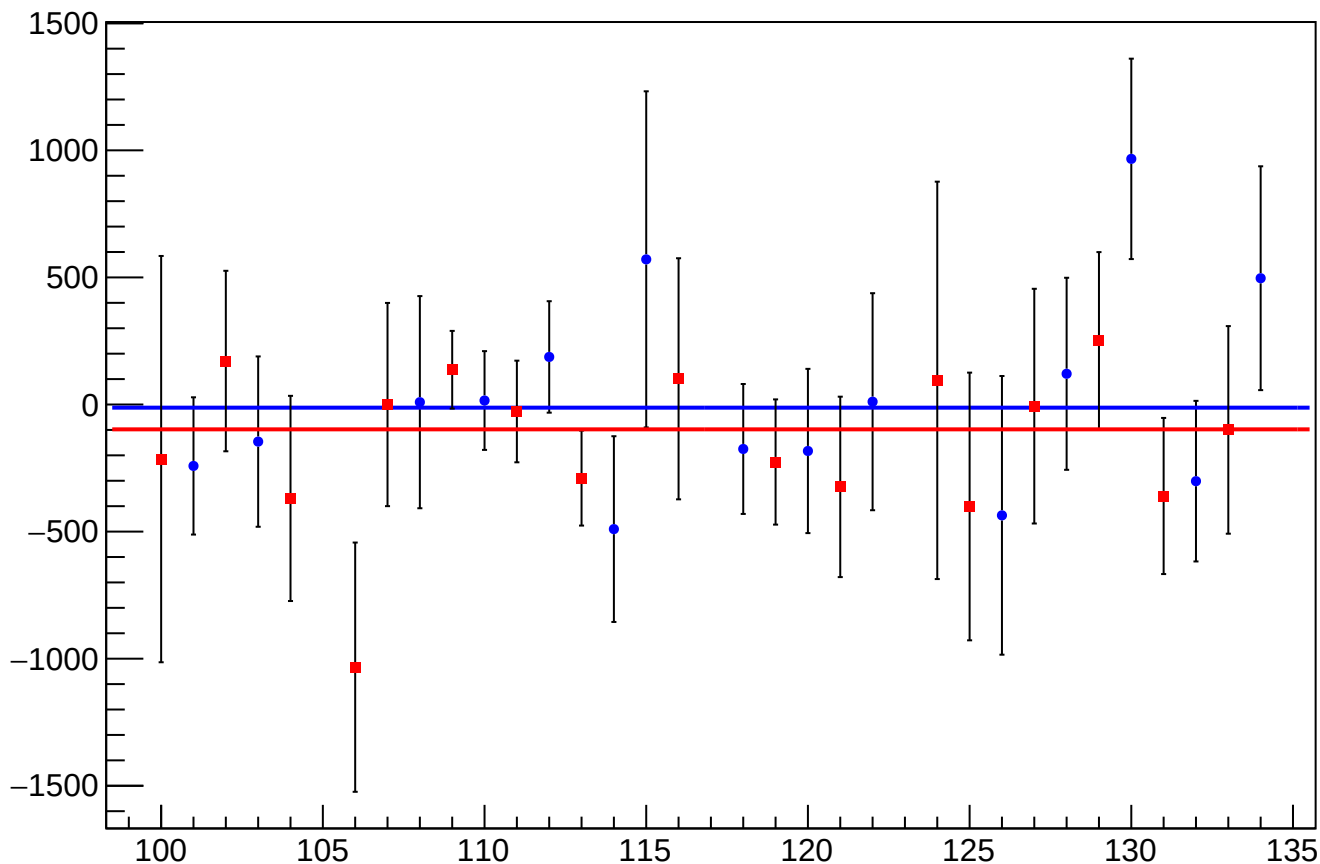
Right: 134.944 $\pm$ 0.029 χ^2 /NDF: 2842450.4/31

In: 138.017 $\pm$ 0.042 χ^2 /NDF:1317083.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.944 $\pm$ 0.029 χ^2 /NDF: 2842450.4/31

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -12.391 ± 82.269 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.723 ± 73.300 χ^2/NDF : 11.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

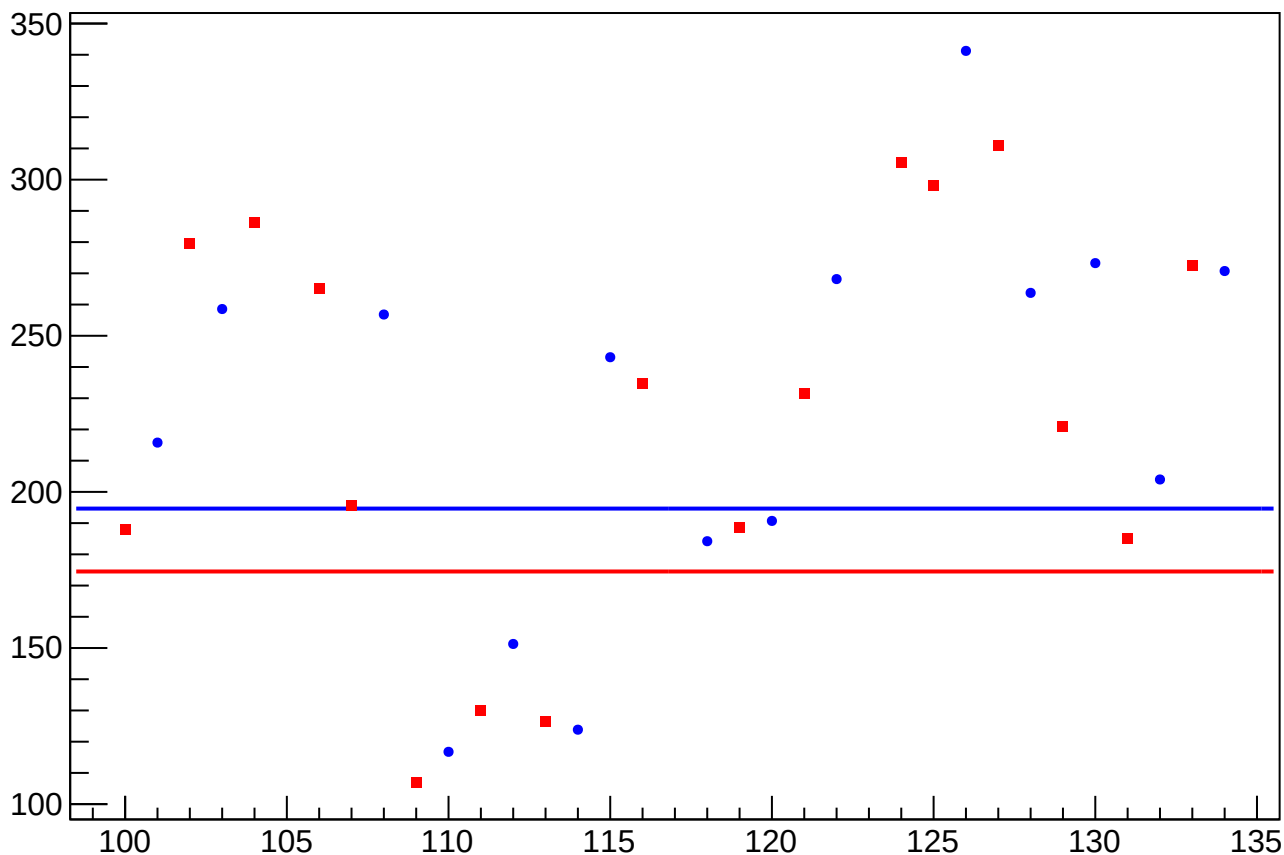
Right: -59.960 ± 54.728 χ^2/NDF : 25.9/31

In: -12.391 ± 82.269 χ^2/NDF : 14.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.960 ± 54.728 χ^2/NDF : 25.9/31

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 194.656+/-0.058 χ^2/NDF : 1028743.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.509+/-0.052 χ^2/NDF : 1612307.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

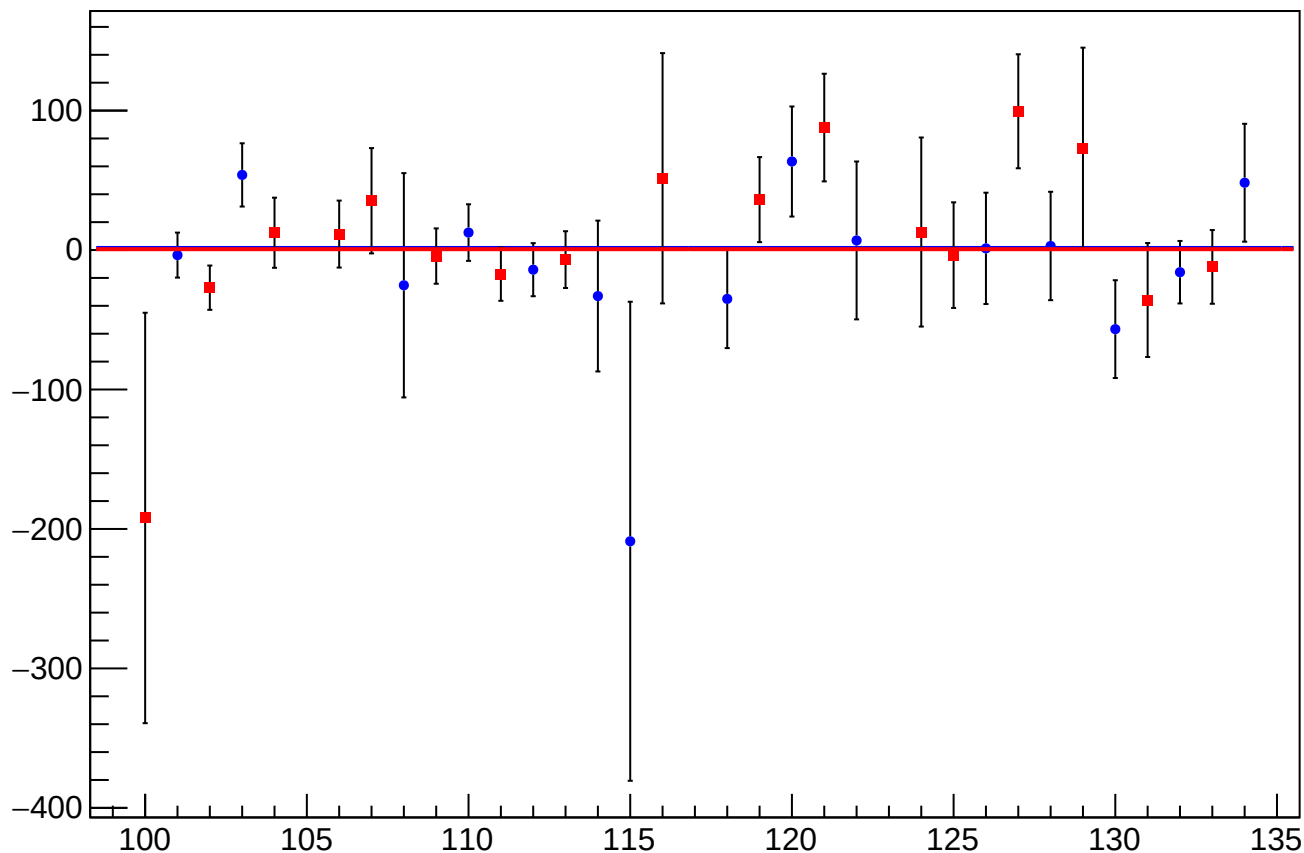
Right: 183.425+/-0.039 χ^2/NDF : 2707910.9/31

In: 194.656+/-0.058 χ^2/NDF : 1028743.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.425+/-0.039 χ^2/NDF : 2707910.9/31

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 1.493+/-7.470 χ^2/NDF : 16.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.618+/-6.849 χ^2/NDF : 21.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

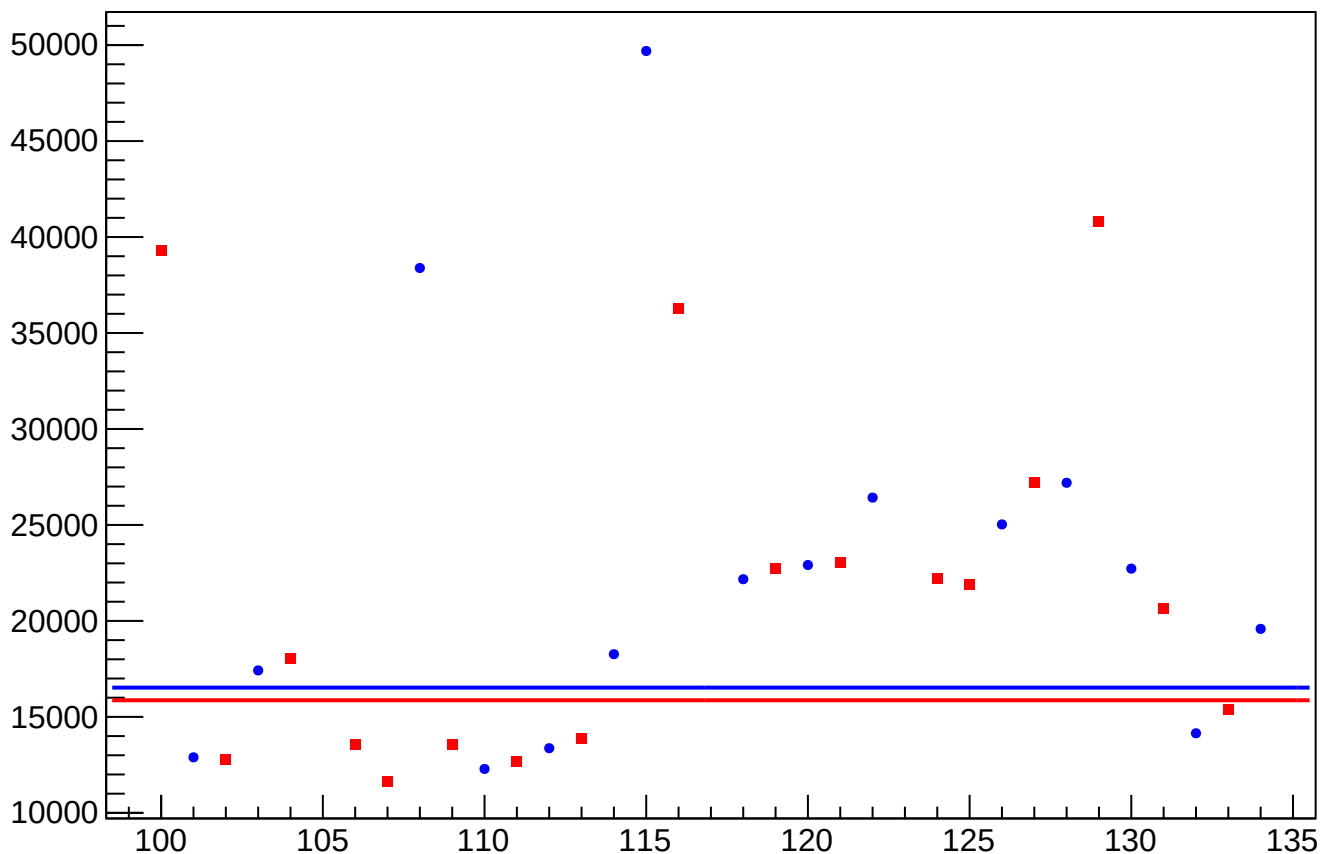
Right: 1.018+/-5.048 χ^2/NDF : 38.4/31

In: 1.493+/-7.470 χ^2/NDF : 16.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.018+/-5.048 χ^2/NDF : 38.4/31

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 16525.994+/-5.282 χ^2/NDF : 973060.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15865.413+/-4.843 χ^2/NDF : 1053552.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

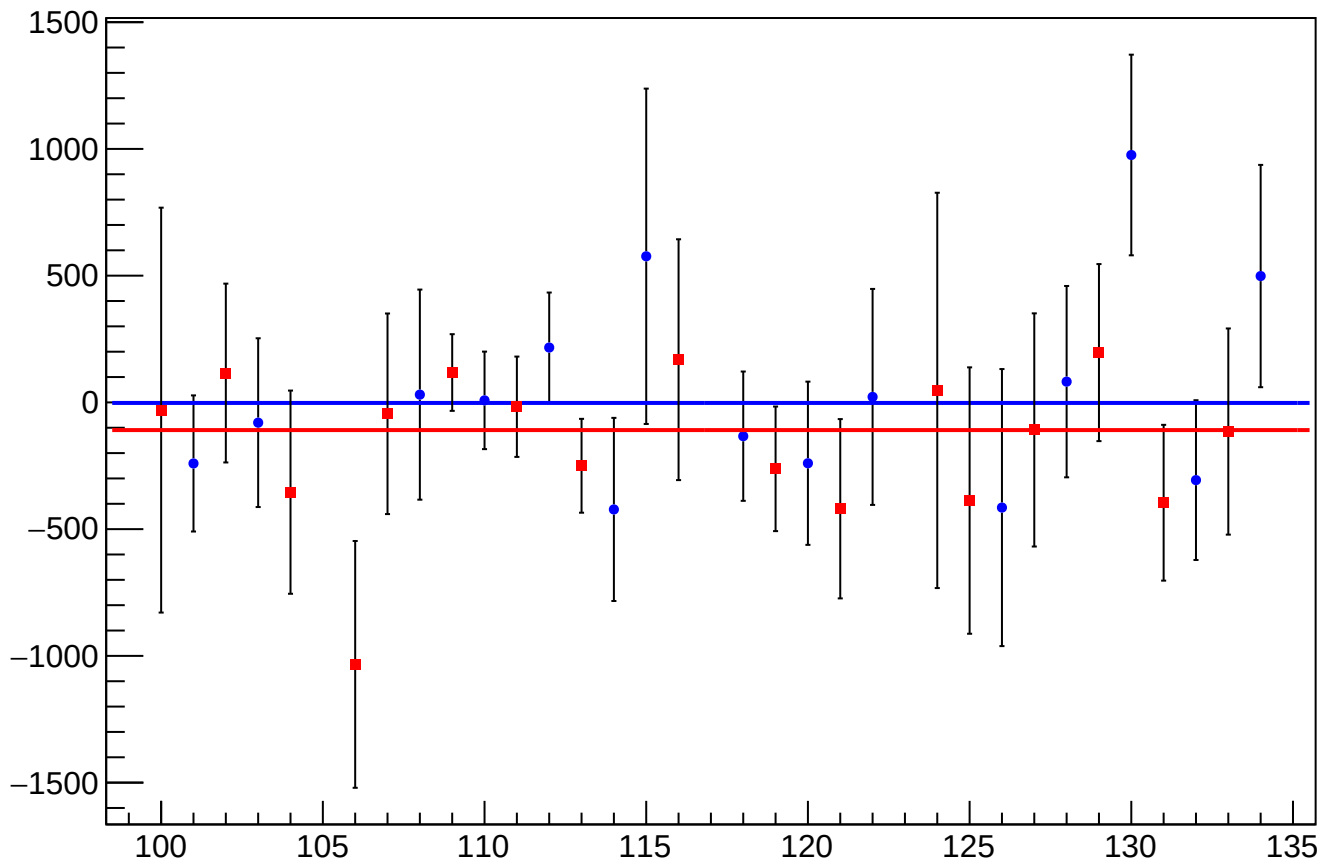
Right: 16167.135+/-3.570 χ^2/NDF : 2035110.4/31

In: 16525.994+/-5.282 χ^2/NDF :973060.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16167.135+/-3.570 χ^2/NDF : 2035110.4/31

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -2.113 ± 81.793 $\chi^2/\text{NDF}: 13.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -109.224 ± 72.800 $\chi^2/\text{NDF}: 10.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

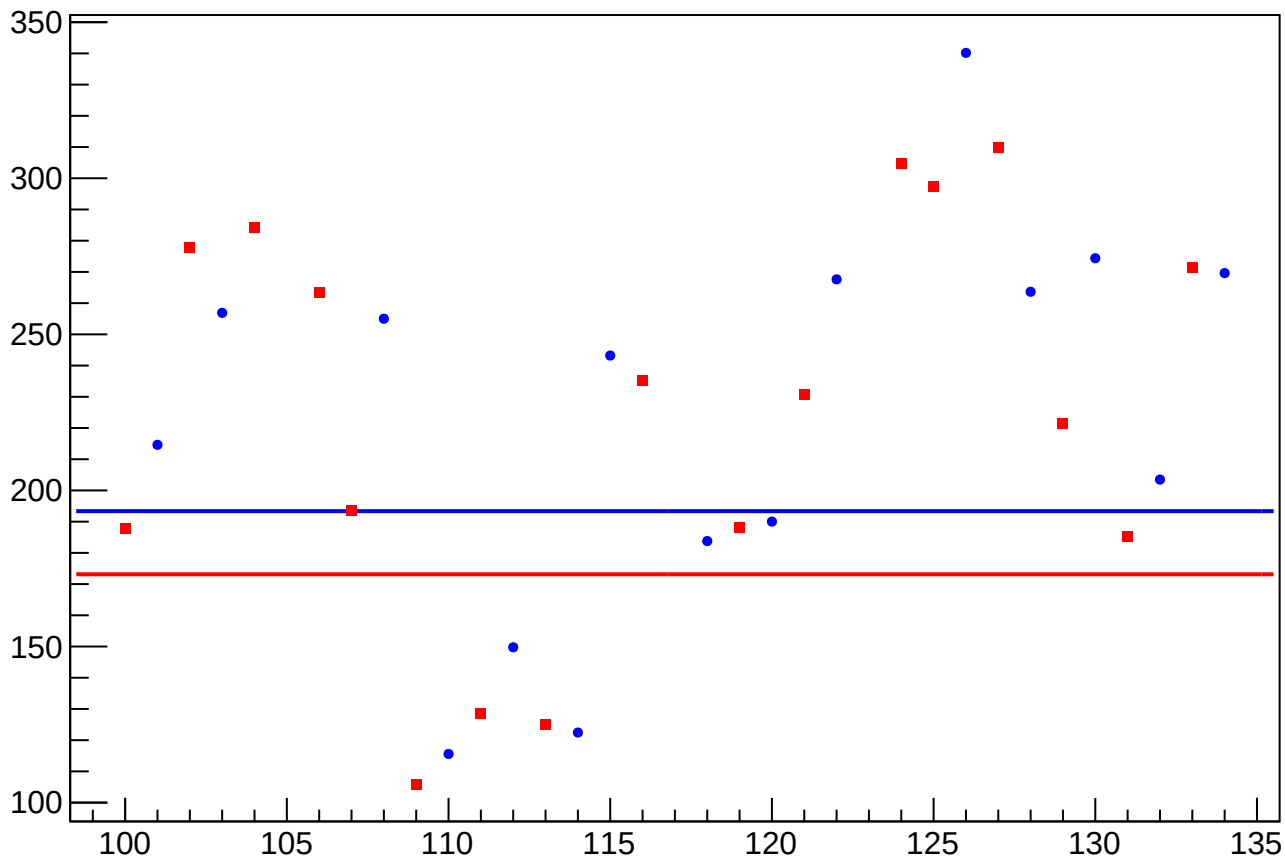
Right: -61.878 ± 54.380 $\chi^2/\text{NDF}: 25.6/31$

In: -2.113 ± 81.793 $\chi^2/\text{NDF}: 13.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.878 ± 54.380 $\chi^2/\text{NDF}: 25.6/31$

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.364 ± 0.058 χ^2/NDF : 1049560.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 173.141 ± 0.051 χ^2/NDF : 1635698.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

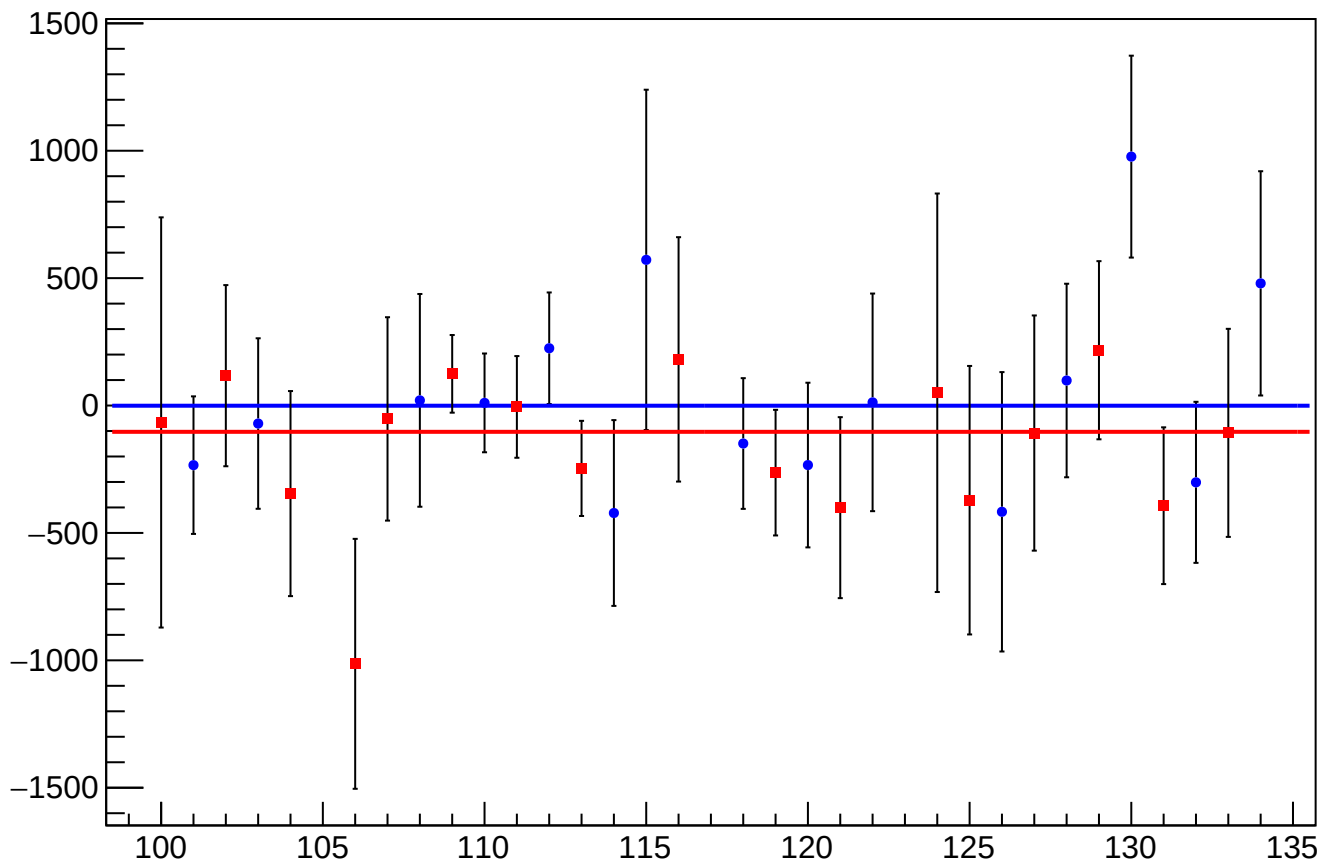
Right: 182.080 ± 0.038 χ^2/NDF : 2753473.2/31

In: 193.364 ± 0.058 χ^2/NDF : 1049560.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 182.080 ± 0.038 χ^2/NDF : 2753473.2/31

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -0.708 ± 82.280 $\chi^2/\text{NDF}: 13.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -103.165 ± 73.257 $\chi^2/\text{NDF}: 10.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

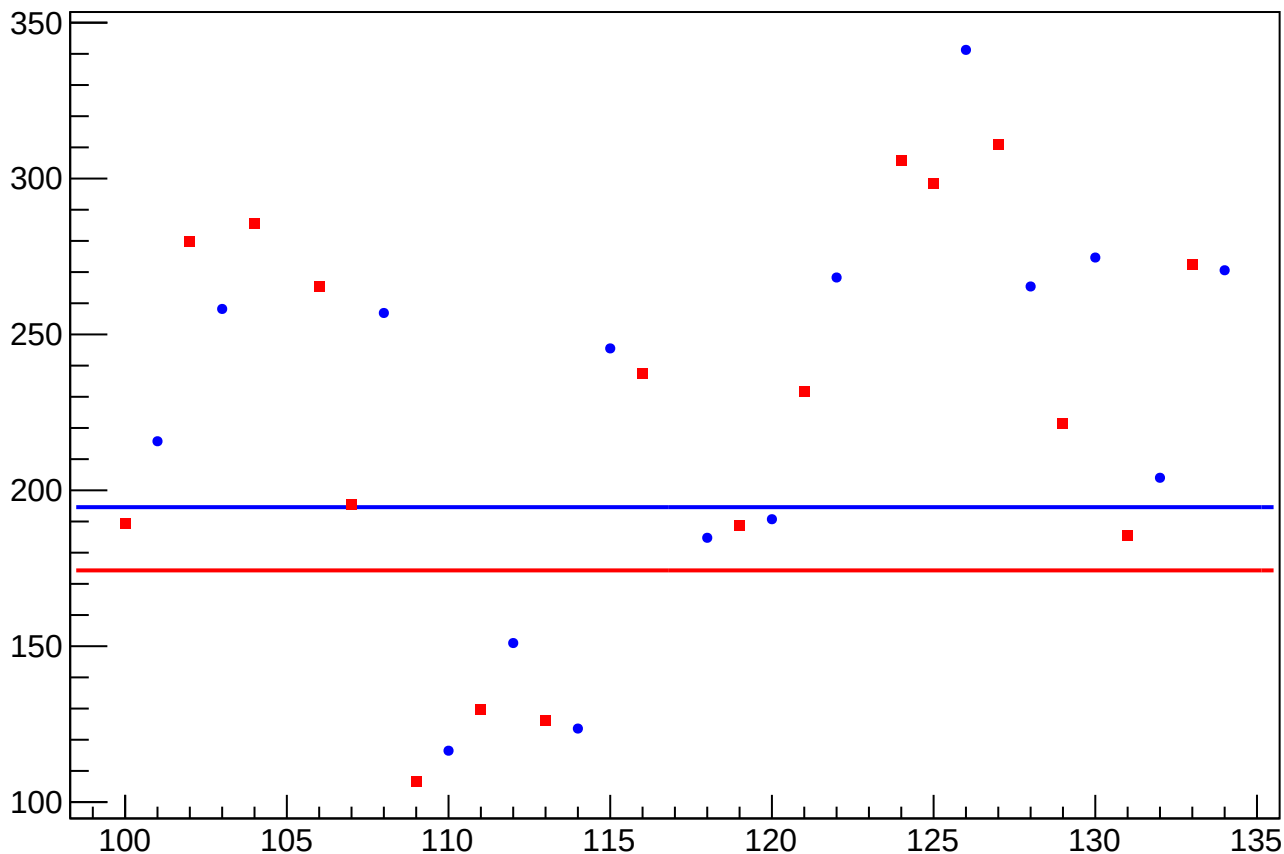
Right: -57.860 ± 54.713 $\chi^2/\text{NDF}: 25.3/31$

In: -0.708 ± 82.280 $\chi^2/\text{NDF}: 13.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -57.860 ± 54.713 $\chi^2/\text{NDF}: 25.3/31$

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.600+/-0.058 χ^2/NDF : 1038990.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.317+/-0.052 χ^2/NDF : 1623099.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

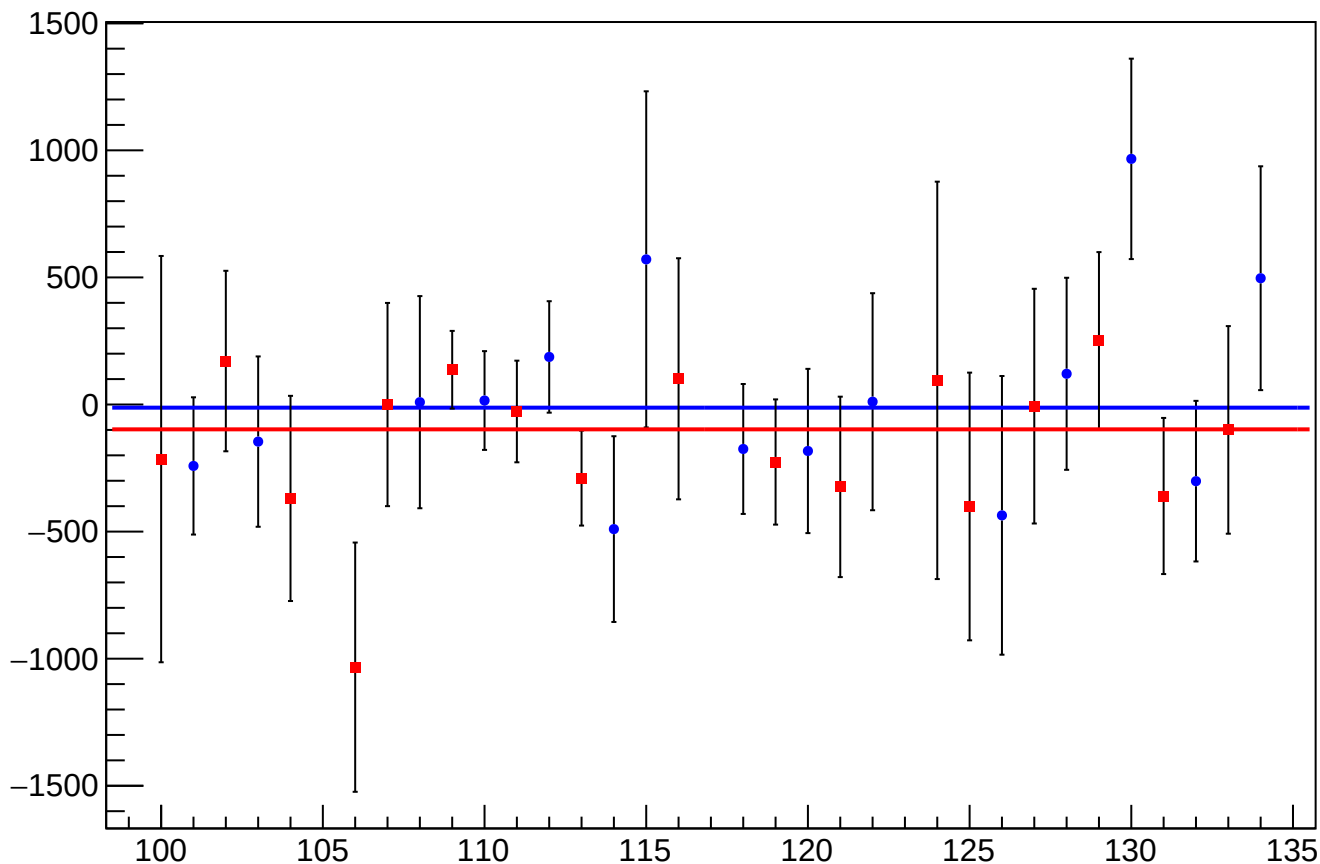
Right: 183.286+/-0.039 χ^2/NDF : 2729885.1/31

In: 194.600+/-0.058 χ^2/NDF : 1038990.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.286+/-0.039 χ^2/NDF : 2729885.1/31

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -12.391 ± 82.269 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.723 ± 73.300 χ^2/NDF : 11.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

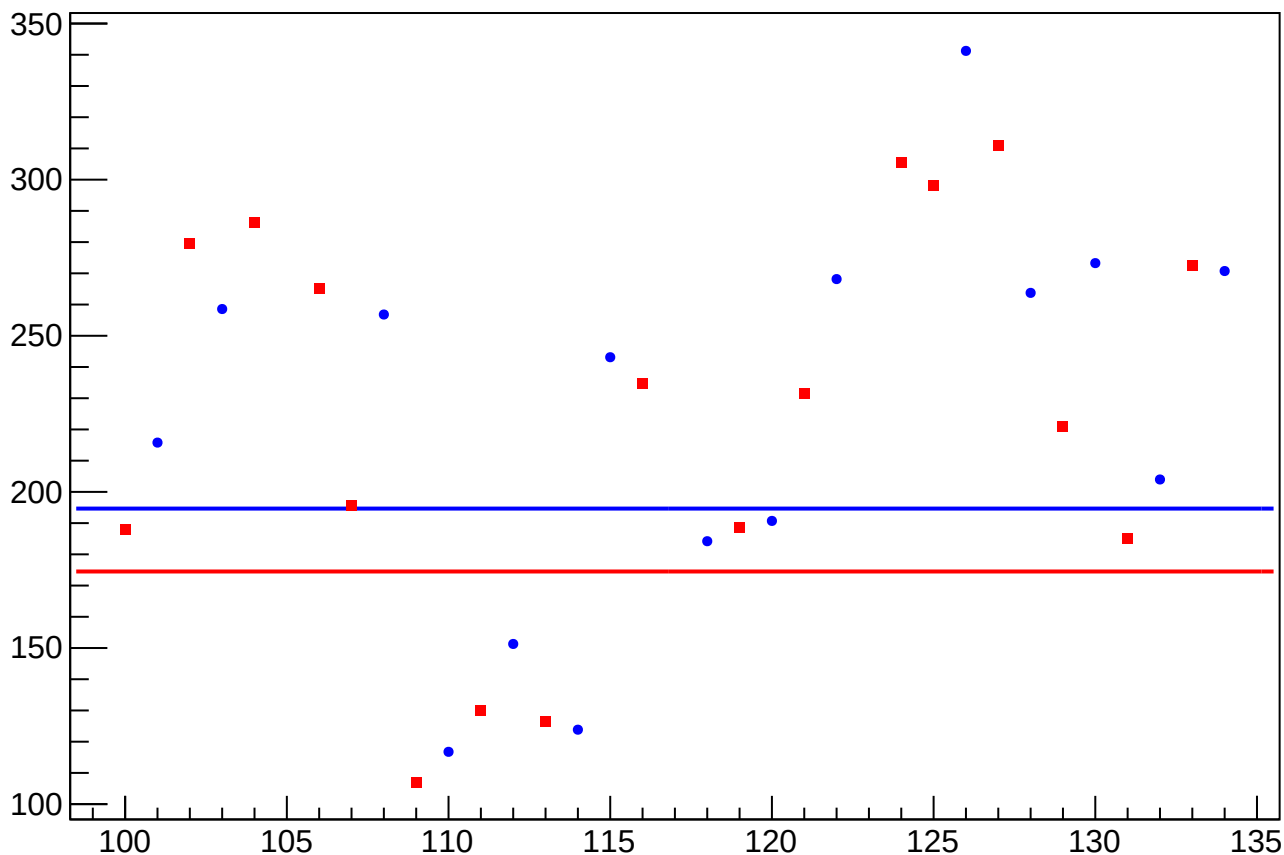
Right: -59.960 ± 54.728 χ^2/NDF : 25.9/31

In: -12.391 ± 82.269 χ^2/NDF : 14.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.960 ± 54.728 χ^2/NDF : 25.9/31

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.656 $\pm$ 0.058 χ^2 /NDF: 1028743.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.509 $\pm$ 0.052 χ^2 /NDF: 1612307.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

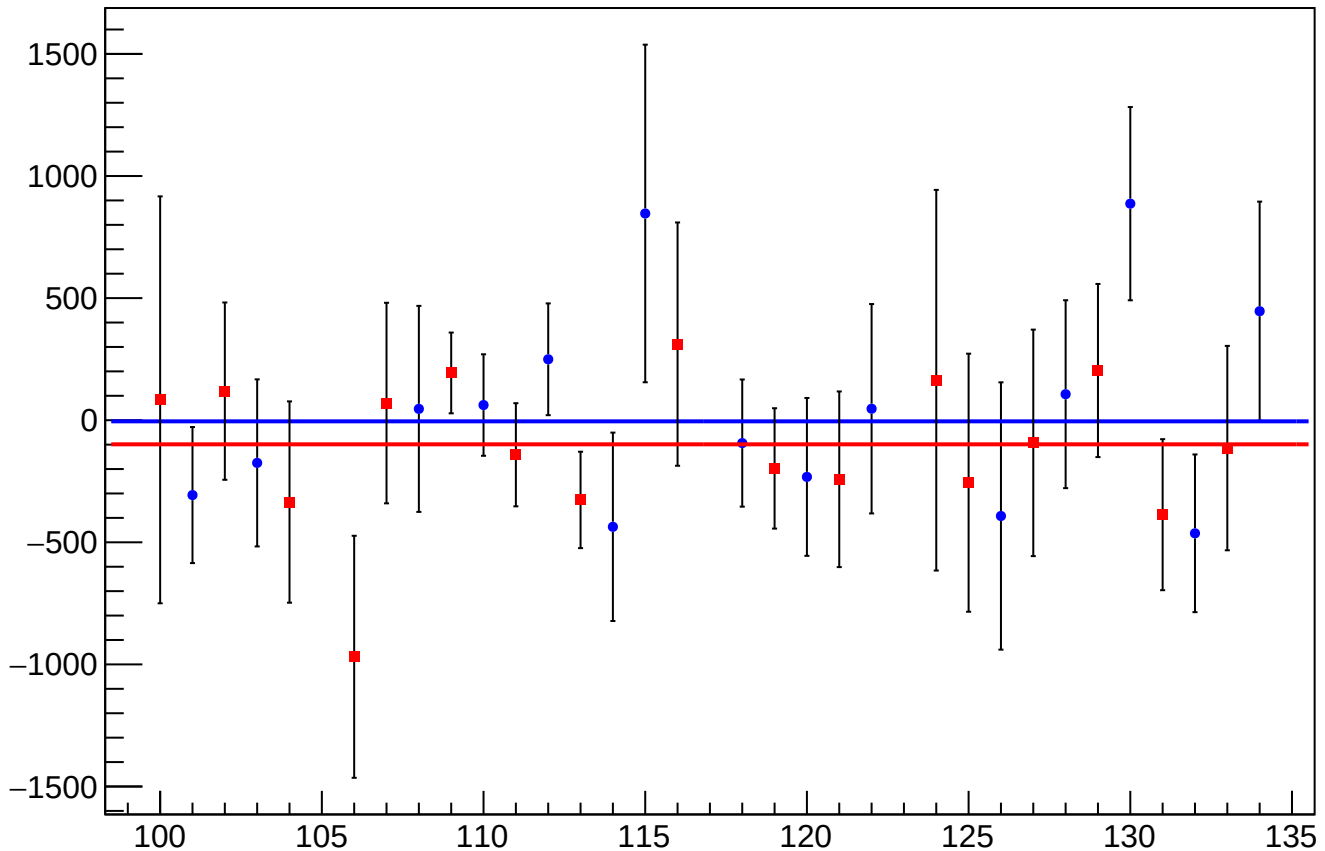
Right: 183.425 $\pm$ 0.039 χ^2 /NDF: 2707910.9/31

In: 194.656 $\pm$ 0.058 χ^2 /NDF:1028743.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.425 $\pm$ 0.039 χ^2 /NDF: 2707910.9/31

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -4.603 $\pm$ 84.848 χ^2/NDF : 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -98.758 $\pm$ 76.295 χ^2/NDF : 11.3/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

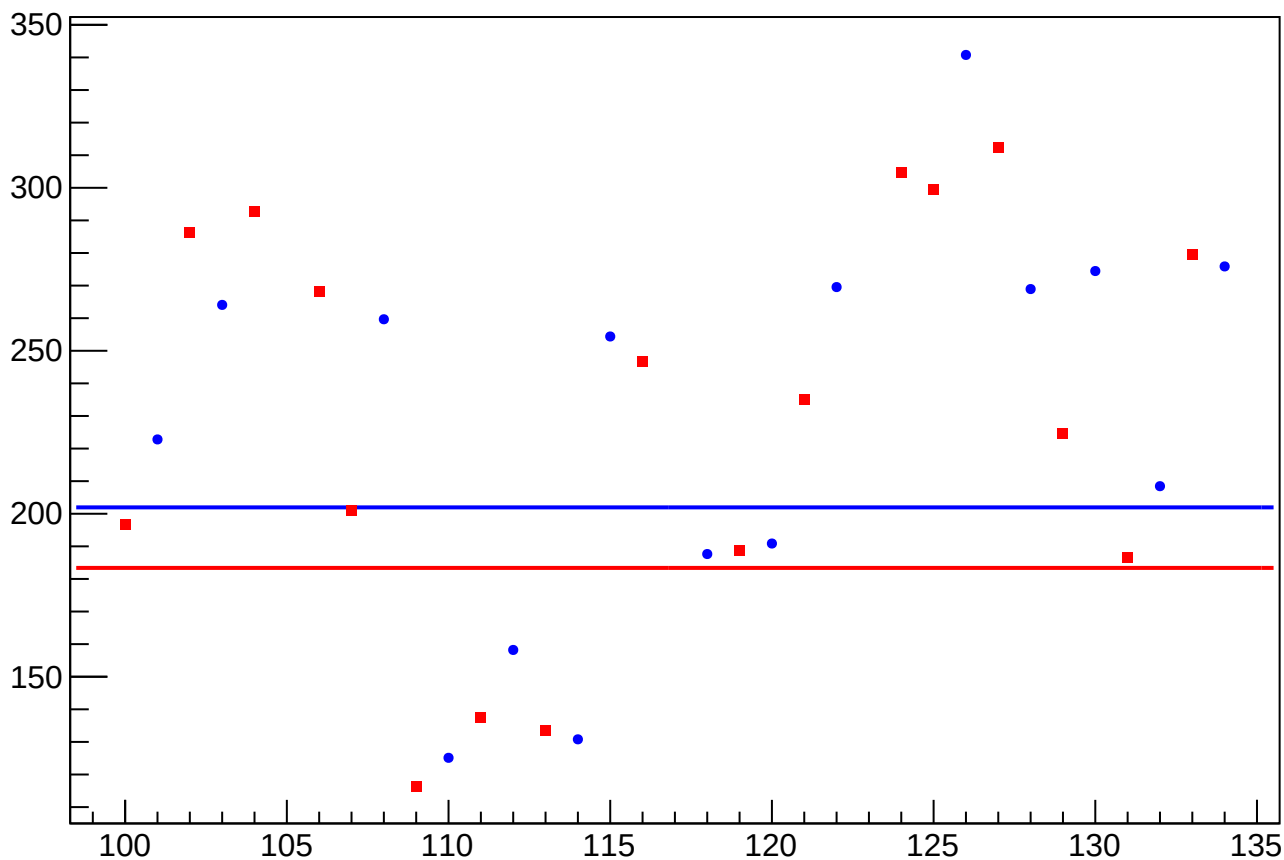
Right: -56.664 $\pm$ 56.732 χ^2/NDF : 26.8/31

In: -4.603 $\pm$ 84.848 χ^2/NDF : 14.9/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -56.664 $\pm$ 56.732 χ^2/NDF : 26.8/31

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 201.956+/-0.060 χ^2/NDF : 910221.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 183.386+/-0.054 χ^2/NDF : 1420590.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

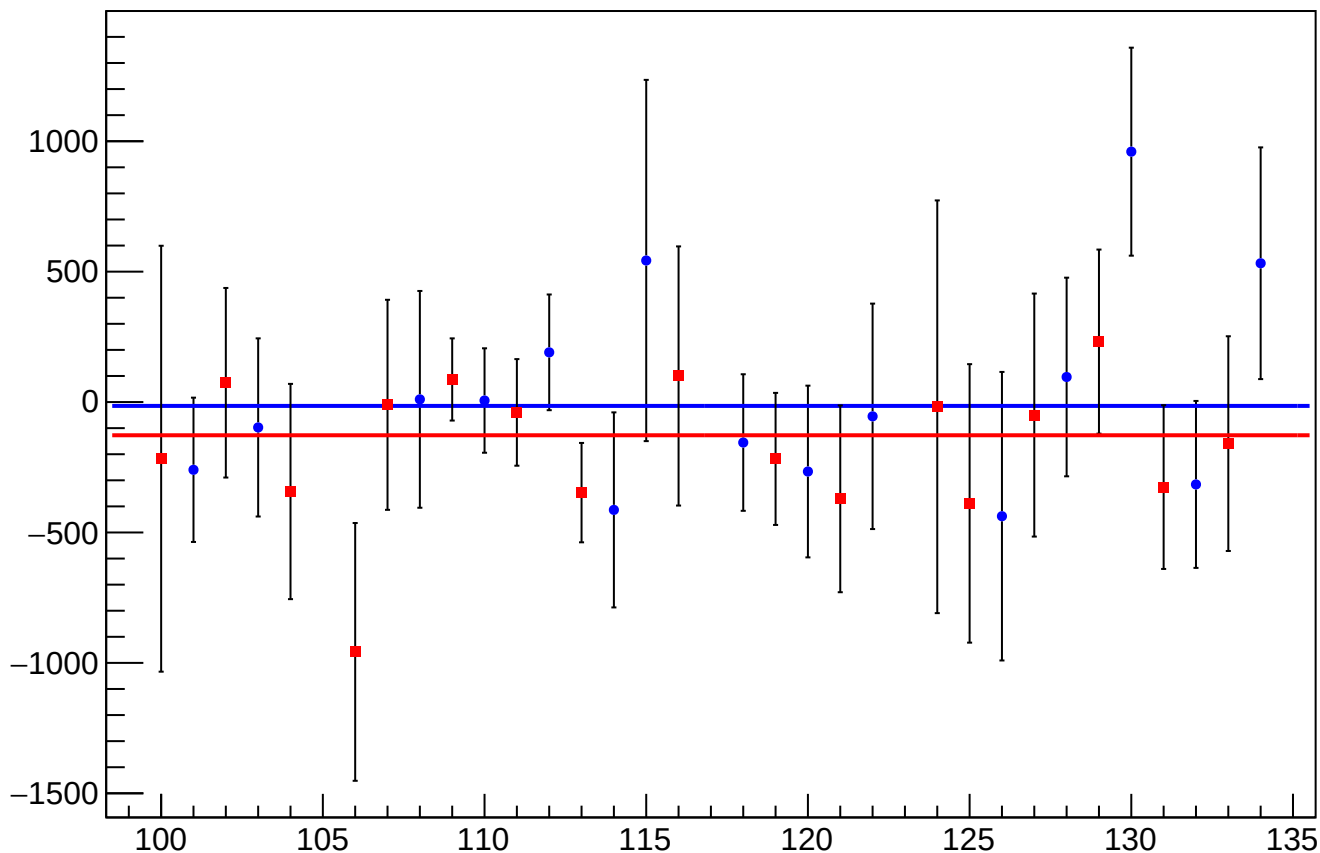
Right: 191.688+/-0.040 χ^2/NDF : 2383783.0/31

In: 201.956+/-0.060 χ^2/NDF :910221.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.688+/-0.040 χ^2/NDF : 2383783.0/31

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -14.751 ± 83.800 χ^2/NDF : 13.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -127.289 ± 74.902 χ^2/NDF : 9.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

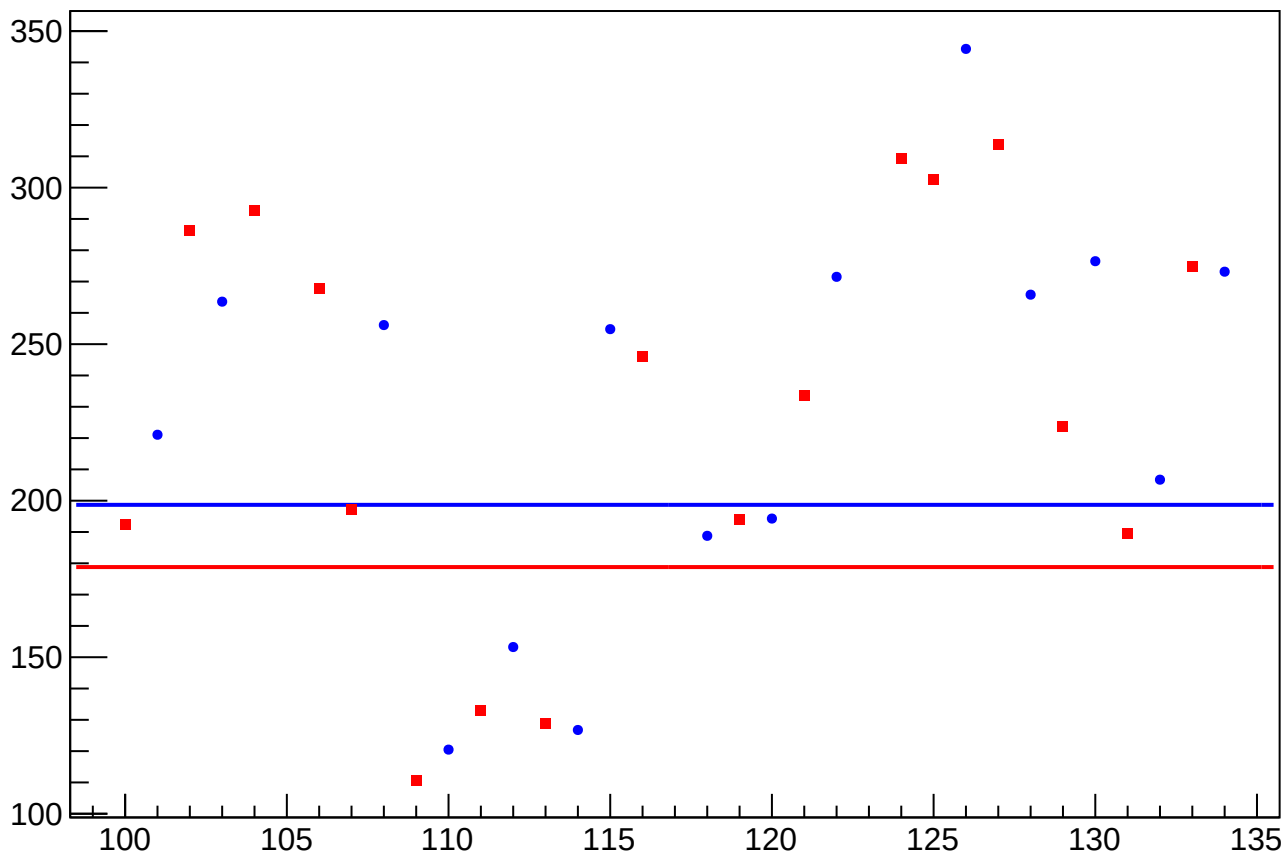
Right: -77.309 ± 55.846 χ^2/NDF : 23.8/31

In: -14.751 ± 83.800 χ^2/NDF : 13.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.309 ± 55.846 χ^2/NDF : 23.8/31

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.675+/-0.059 χ^2/NDF : 994065.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.798+/-0.053 χ^2/NDF : 1573154.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

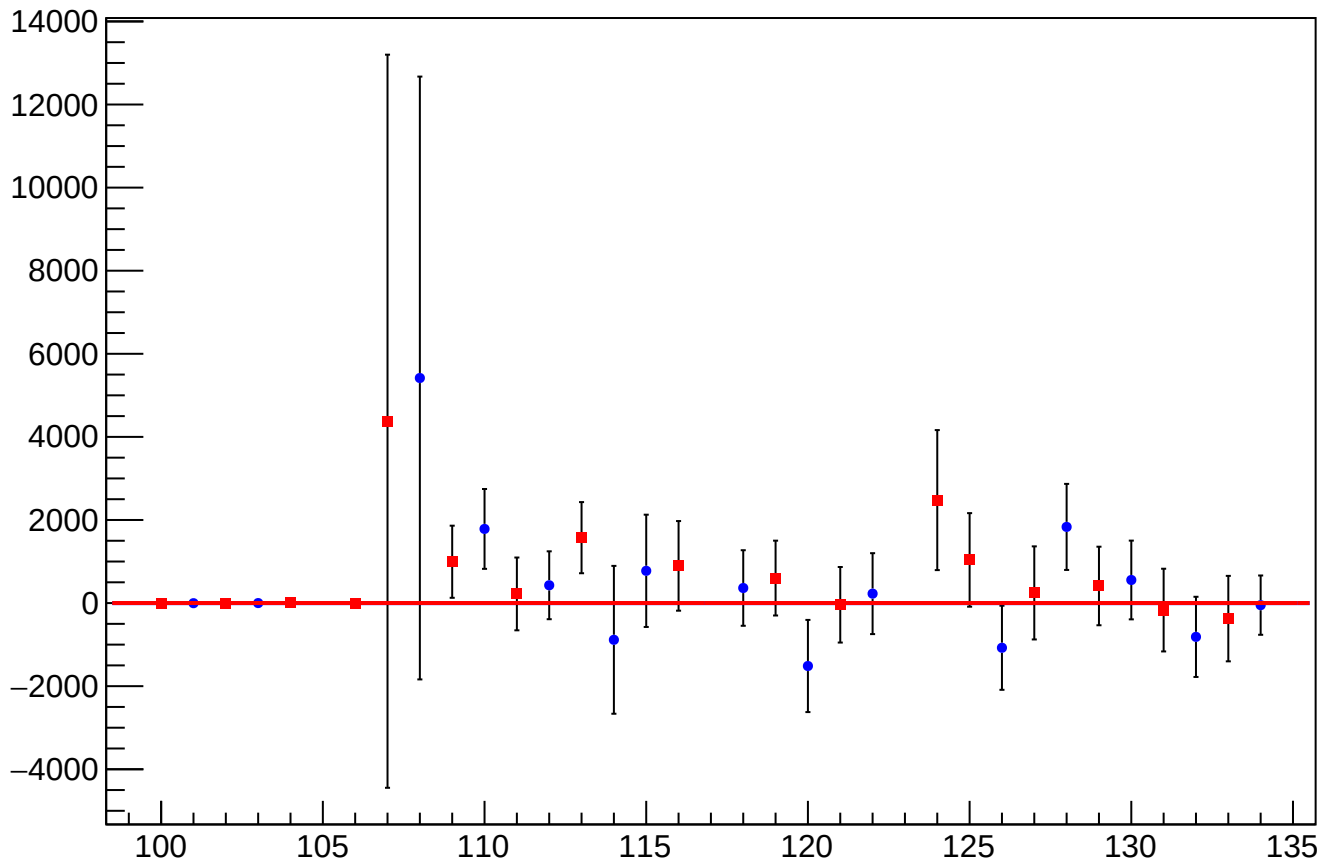
Right: 187.626+/-0.039 χ^2/NDF : 2629774.9/31

In: 198.675+/-0.059 χ^2/NDF : 994065.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.626+/-0.039 χ^2/NDF : 2629774.9/31

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.206 $\pm$ 2.171 χ^2 /NDF: 12.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.391 $\pm$ 2.022 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

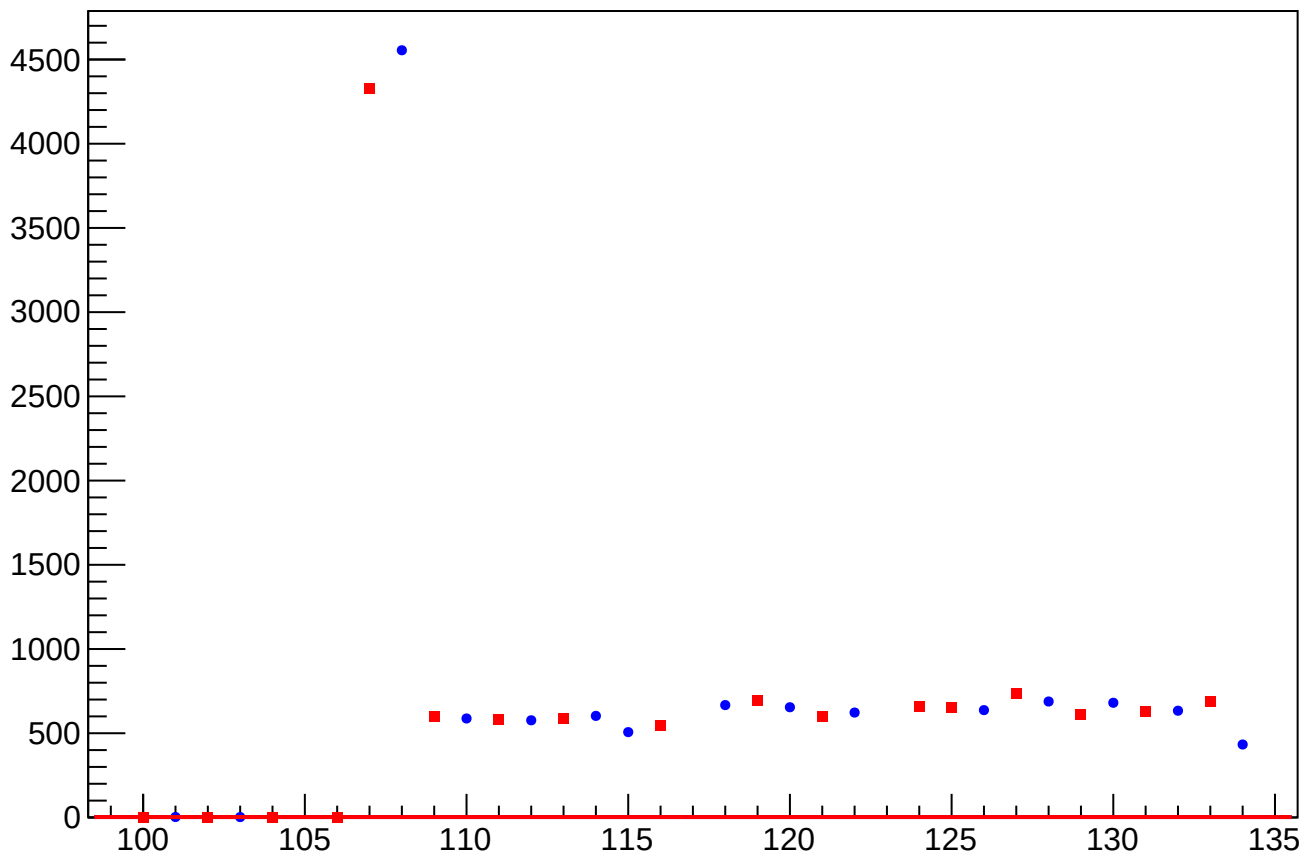
Right: 0.185 $\pm$ 1.480 χ^2 /NDF: 28.2/31

In: -1.206 $\pm$ 2.171 χ^2 /NDF:12.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.185 $\pm$ 1.480 χ^2 /NDF: 28.2/31

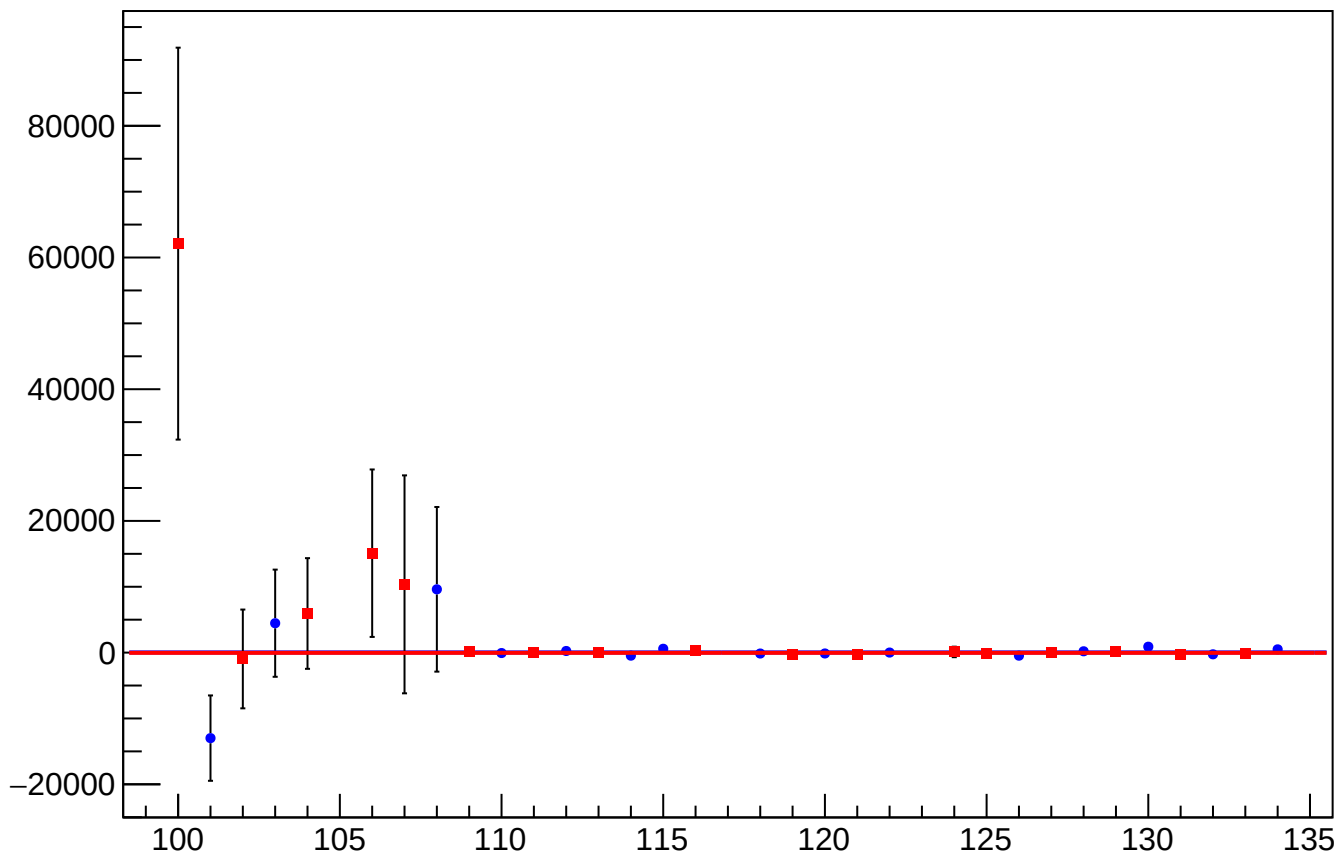
asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.465+/-0.002 χ^2/NDF : 9884041.3/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.454+/-0.001 χ^2/NDF : 10151867.3/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.459+/-0.001 χ^2/NDF : 20035936.8/31
 In: 2.465+/-0.002 χ^2/NDF : 9884041.3/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.459+/-0.001 χ^2/NDF : 20035936.8/31

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 28.945+/-95.674 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.079+/-89.125 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

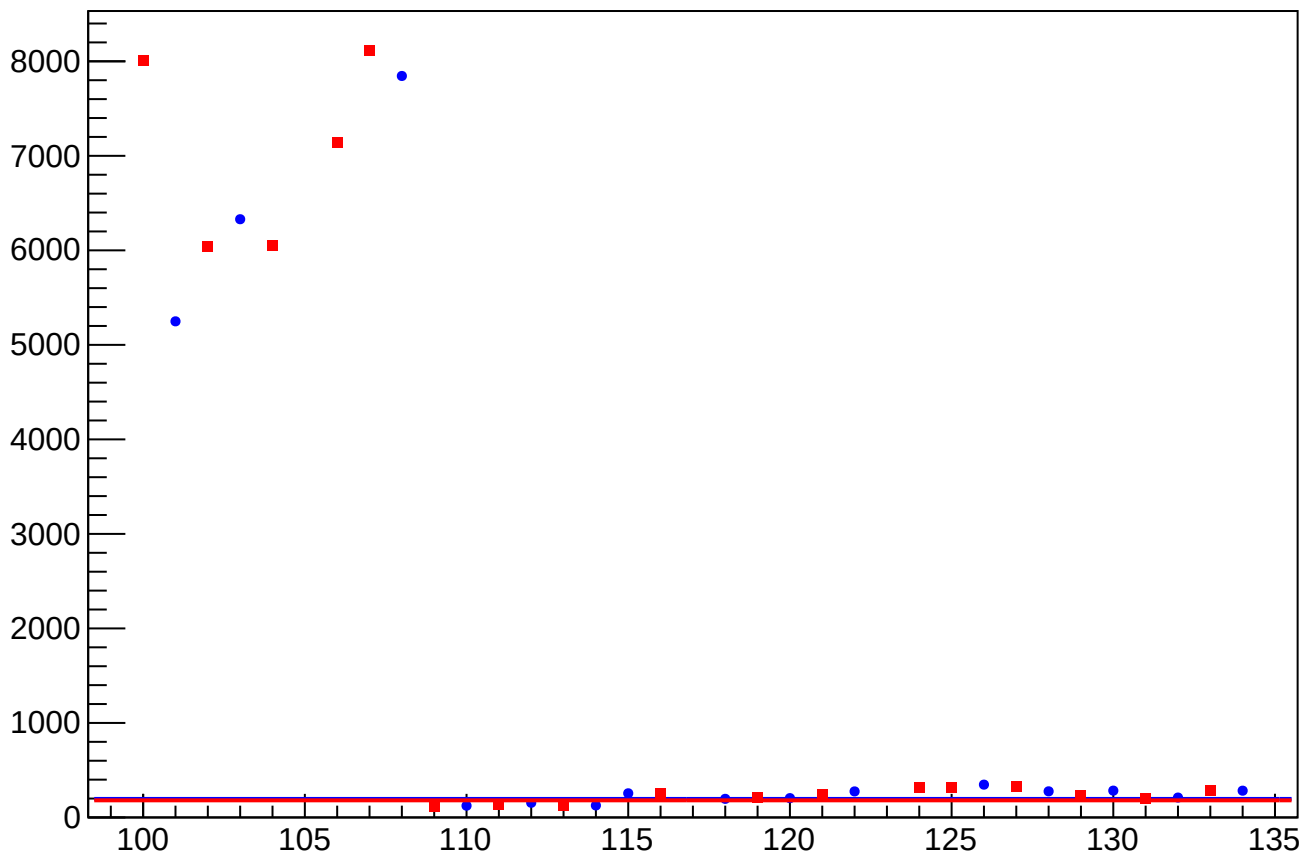
Right: -5.333+/-65.214 χ^2/NDF : 28.7/31

In: 28.945+/-95.674 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.333+/-65.214 χ^2/NDF : 28.7/31

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 195.818+/-0.068 χ^2/NDF : 3952686.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 181.236+/-0.063 χ^2/NDF : 4401894.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

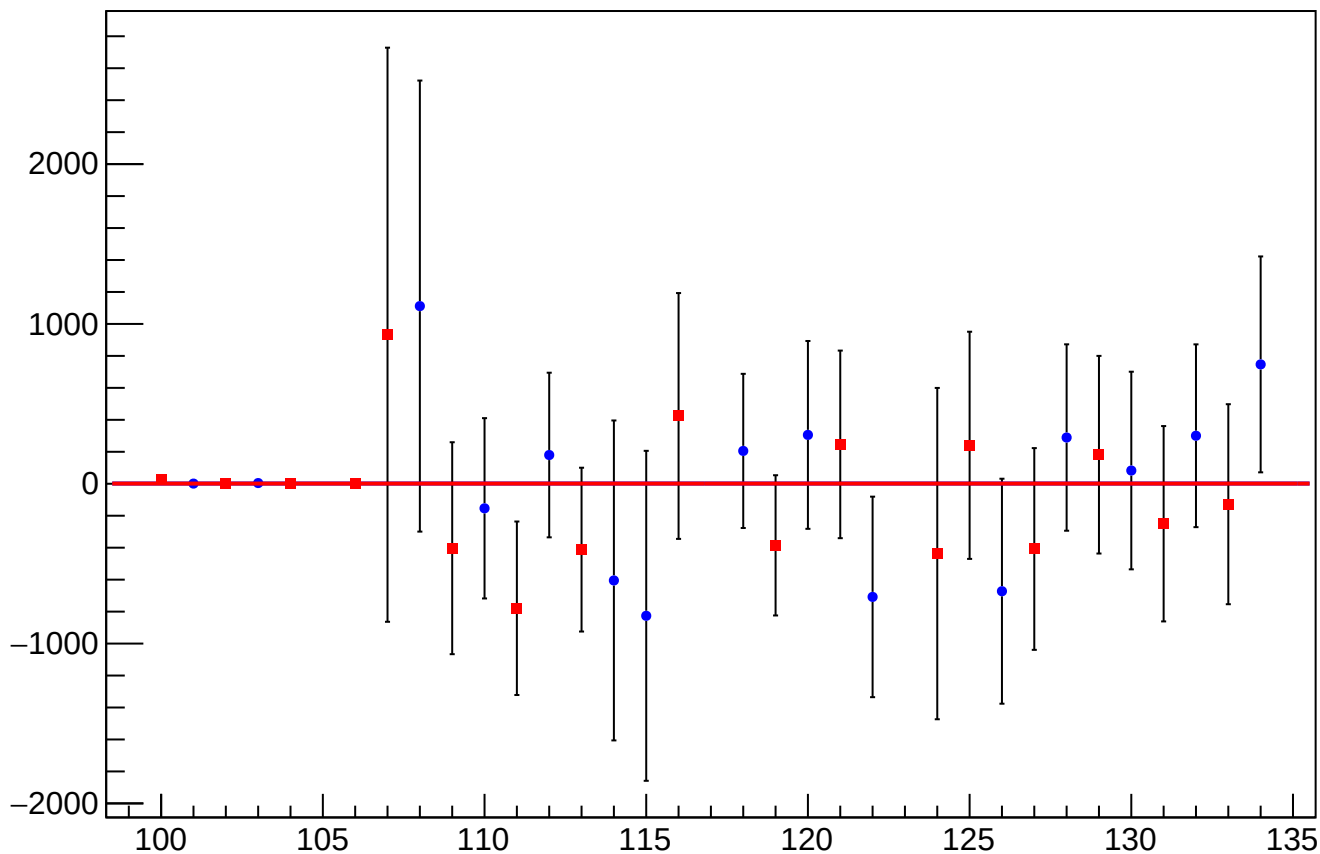
Right: 188.011+/-0.046 χ^2/NDF : 8379455.7/31

In: 195.818+/-0.068 χ^2/NDF :3952686.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 188.011+/-0.046 χ^2/NDF : 8379455.7/31

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.448 $\pm$ 1.660 χ^2 /NDF: 6.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.097 $\pm$ 1.528 χ^2 /NDF: 8.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

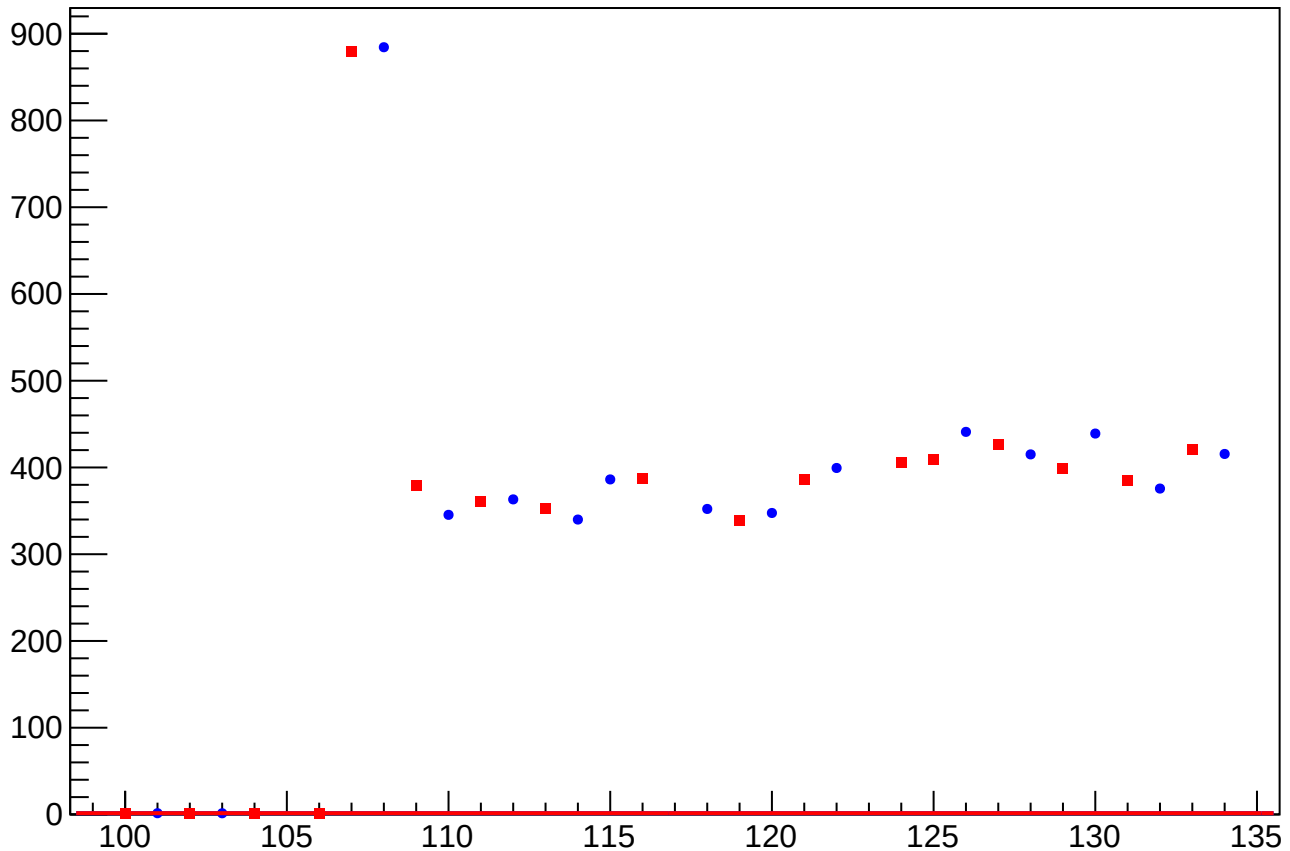
Right: 1.258 $\pm$ 1.124 χ^2 /NDF: 14.8/31

In: 1.448 $\pm$ 1.660 χ^2 /NDF:6.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.258 $\pm$ 1.124 χ^2 /NDF: 14.8/31

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.464+/-0.001 χ^2/NDF : 9973583.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.463+/-0.001 χ^2/NDF : 9863297.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

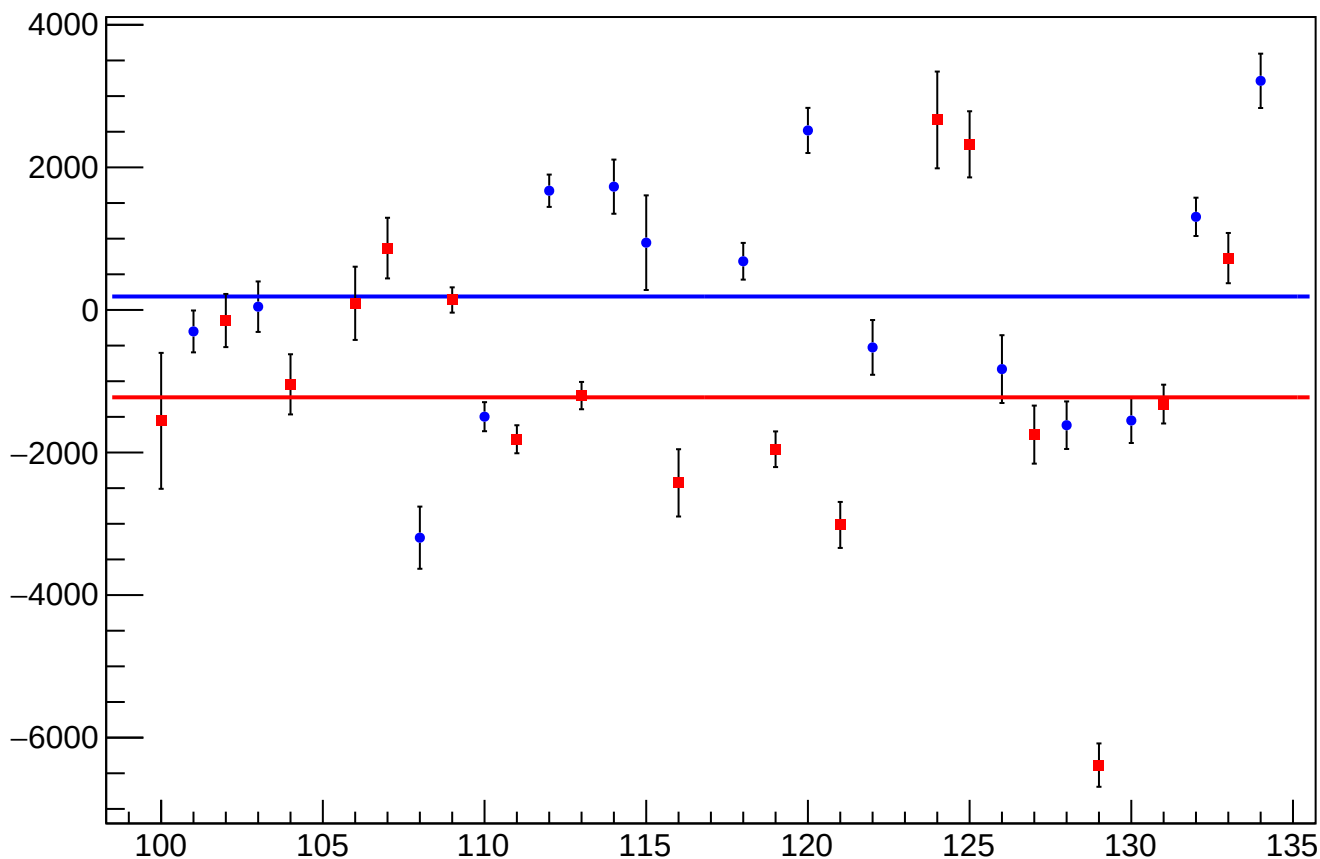
Right: 1.463+/-0.001 χ^2/NDF : 19836881.5/31

In: 1.464+/-0.001 χ^2/NDF : 9973583.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.463+/-0.001 χ^2/NDF : 19836881.5/31

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 188.703+/-80.690 χ^2/NDF : 398.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1225.799+/-73.850 χ^2/NDF : 564.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

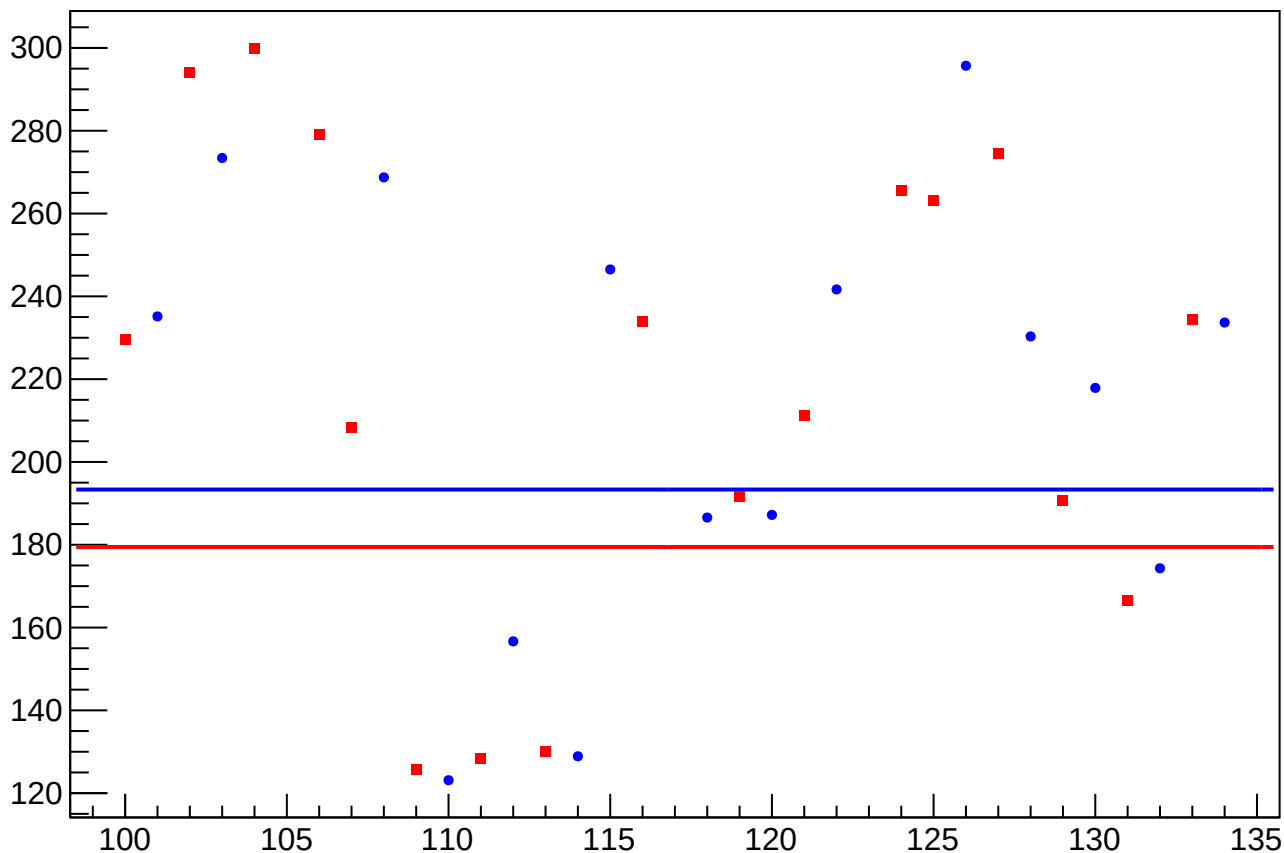
Right: -581.031+/-54.478 χ^2/NDF : 1130.2/31

In: 188.703+/-80.690 χ^2/NDF : 398.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.031+/-54.478 χ^2/NDF : 1130.2/31

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 193.339+/-0.057 χ^2/NDF : 758293.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 179.457+/-0.052 χ^2/NDF : 1207213.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

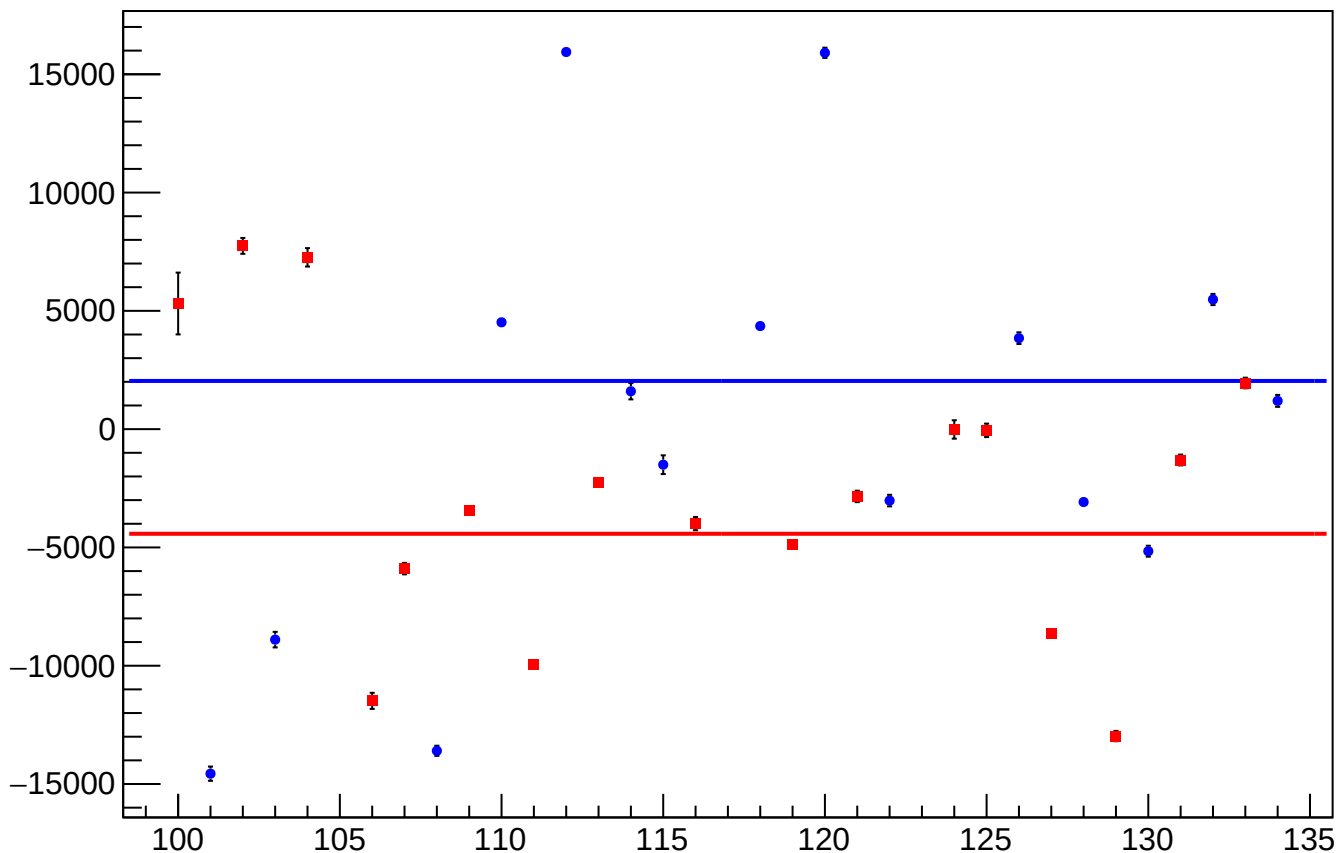
Right: 185.785+/-0.039 χ^2/NDF : 1997722.5/31

In: 193.339+/-0.057 χ^2/NDF :758293.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 185.785+/-0.039 χ^2/NDF : 1997722.5/31

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2037.186+/-58.594 χ^2/NDF : 22748.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4423.001+/-55.480 χ^2/NDF : 7575.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

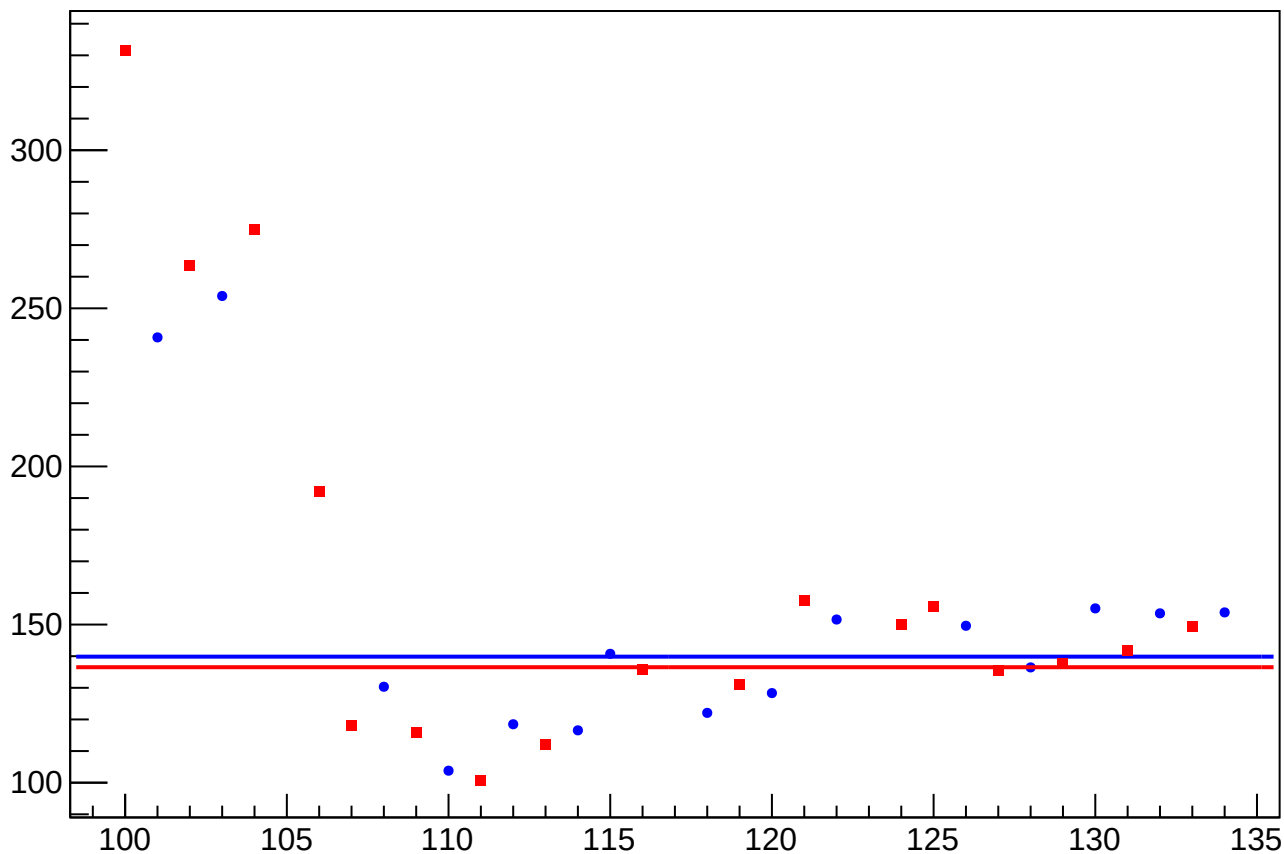
Right: -1369.145+/-40.286 χ^2/NDF : 36733.6/31

In: 2037.186+/-58.594 χ^2/NDF : 22748.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1369.145+/-40.286 χ^2/NDF : 36733.6/31

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 139.854+/-0.041 χ^2/NDF : 652528.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.513+/-0.039 χ^2/NDF : 866000.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

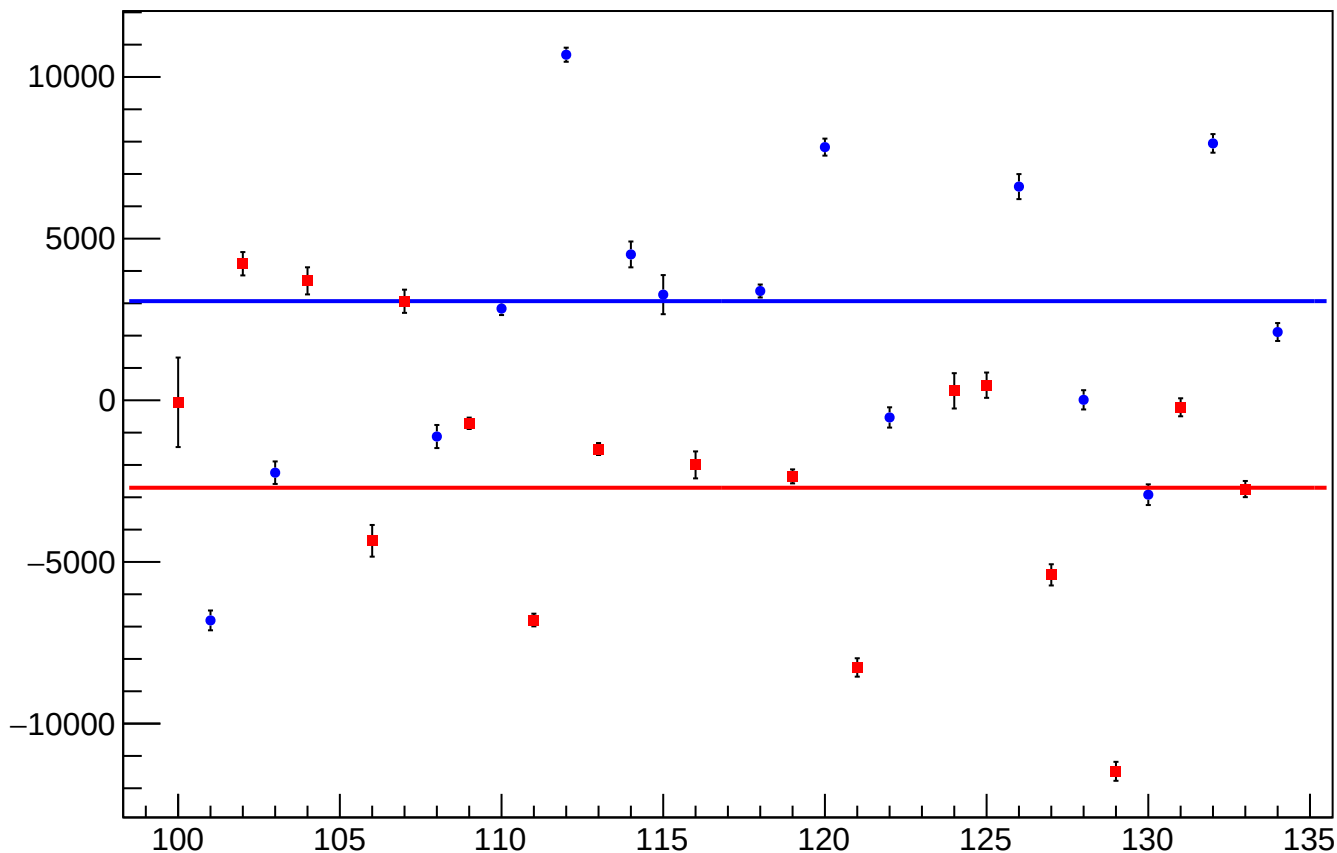
Right: 138.093+/-0.028 χ^2/NDF : 1521958.0/31

In: 139.854+/-0.041 χ^2/NDF : 652528.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.093+/-0.028 χ^2/NDF : 1521958.0/31

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3066.704+/-73.760 χ^2/NDF : 3942.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2704.904+/-68.598 χ^2/NDF : 3004.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

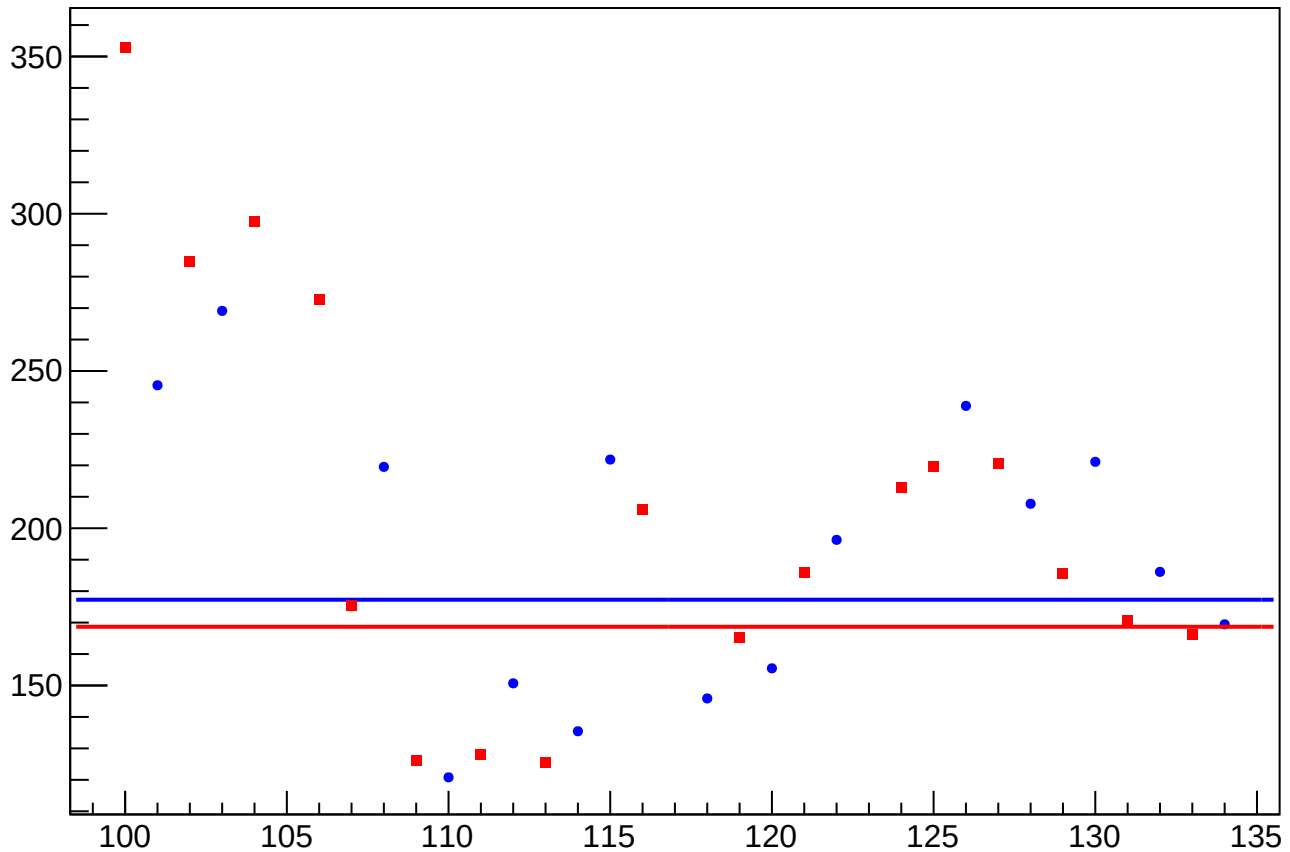
Right: -28.101+/-50.232 χ^2/NDF : 10230.2/31

In: 3066.704+/-73.760 χ^2/NDF :3942.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -28.101+/-50.232 χ^2/NDF : 10230.2/31

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.276 ± 0.052 χ^2/NDF : 669607.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 168.672 ± 0.049 χ^2/NDF : 963388.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

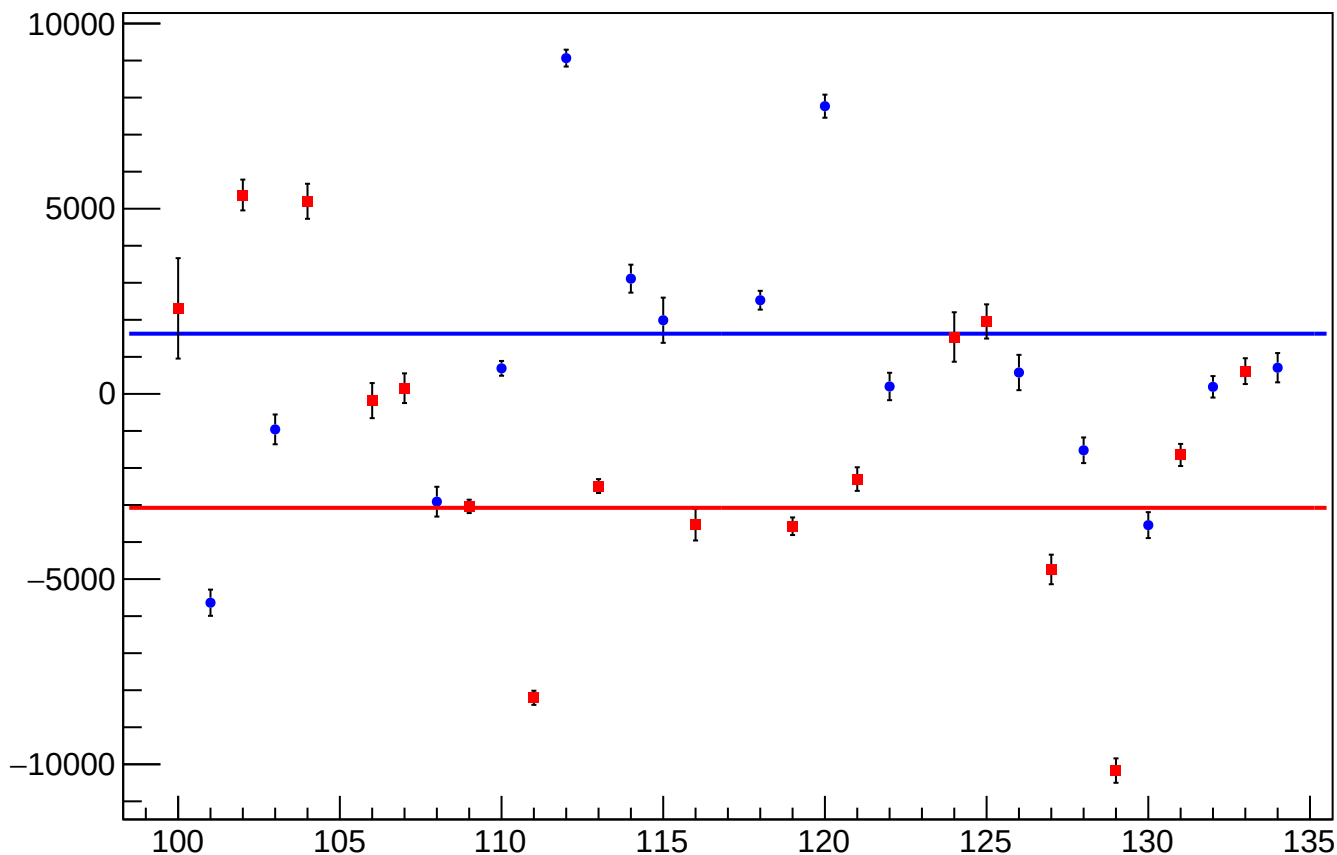
Right: 172.662 ± 0.036 χ^2/NDF : 1647587.9/31

In: 177.276 ± 0.052 χ^2/NDF : 669607.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 172.662 ± 0.036 χ^2/NDF : 1647587.9/31

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1625.747 $\pm$ 82.570 χ^2 /NDF: 2442.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3075.662 $\pm$ 73.953 χ^2 /NDF: 2360.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

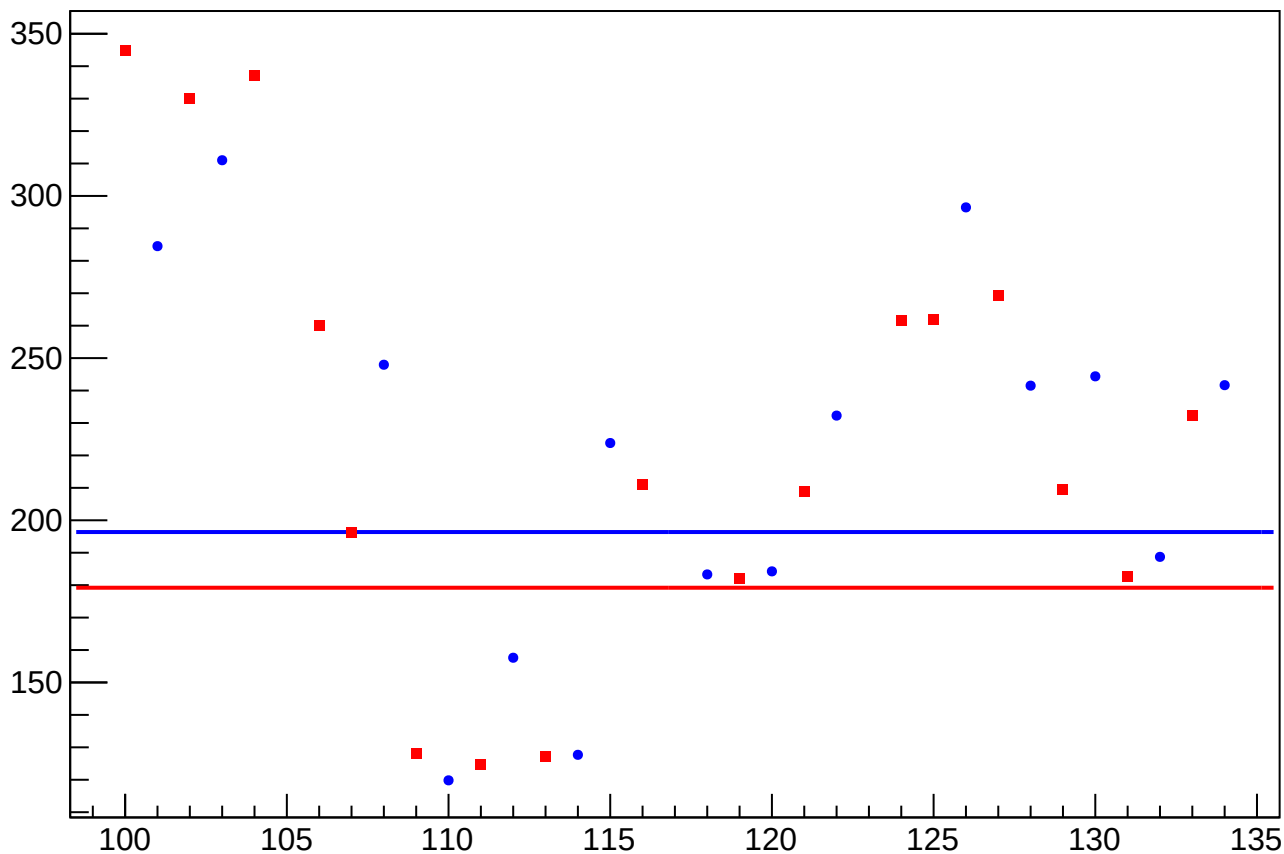
Right: -982.999 $\pm$ 55.088 χ^2 /NDF: 6602.4/31

In: 1625.747 $\pm$ 82.570 χ^2 /NDF:2442.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -982.999 $\pm$ 55.088 χ^2 /NDF: 6602.4/31

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 196.376+/-0.058 χ^2/NDF : 955487.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 179.207+/-0.052 χ^2/NDF : 1344311.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

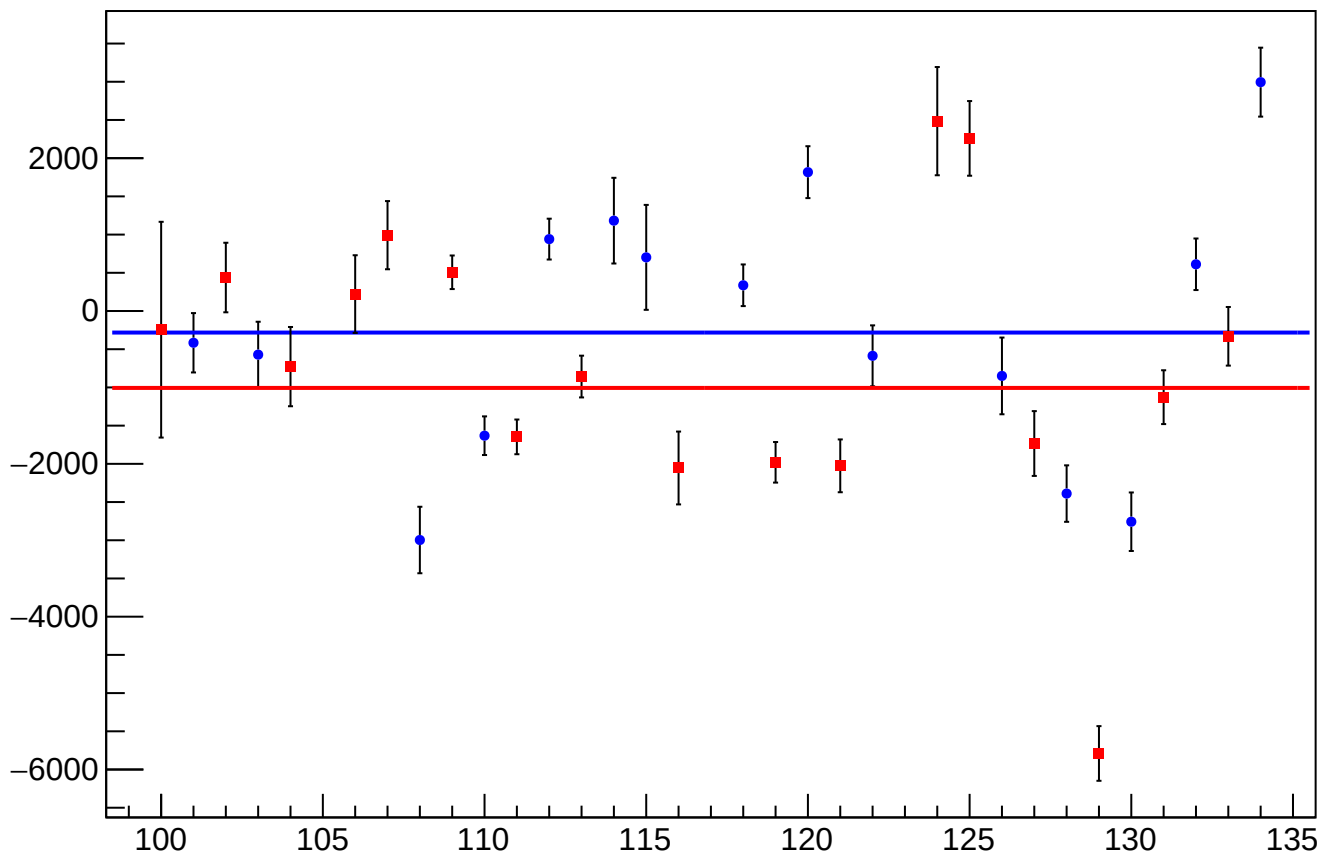
Right: 186.849+/-0.039 χ^2/NDF : 2347784.2/31

In: 196.376+/-0.058 χ^2/NDF :955487.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 186.849+/-0.039 χ^2/NDF : 2347784.2/31

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -282.009+/-94.280 χ^2/NDF : 277.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1006.486+/-86.765 χ^2/NDF : 373.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

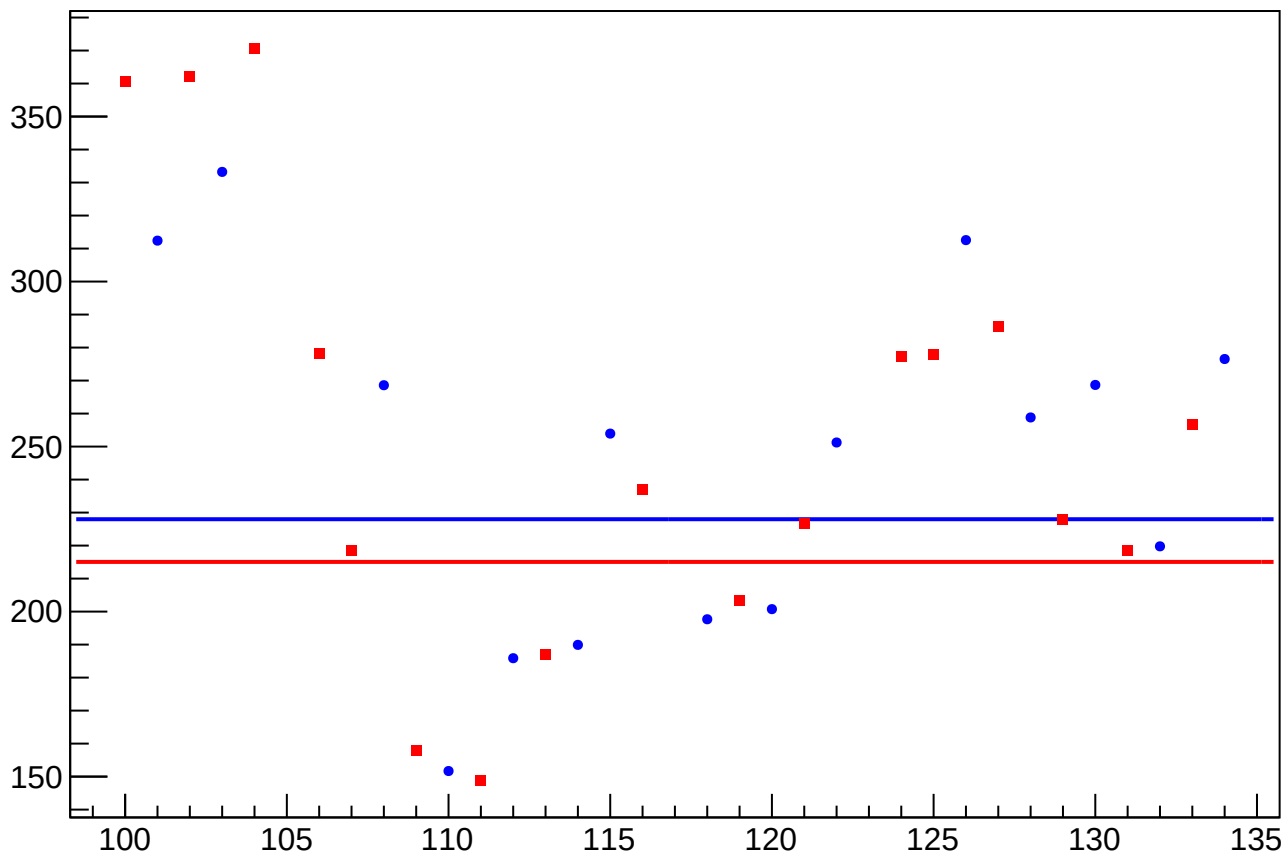
Right: -674.271+/-63.844 χ^2/NDF : 682.3/31

In: -282.009+/-94.280 χ^2/NDF :277.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -674.271+/-63.844 χ^2/NDF : 682.3/31

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 227.989+/-0.067 χ^2/NDF : 637290.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 215.056+/-0.061 χ^2/NDF : 907898.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

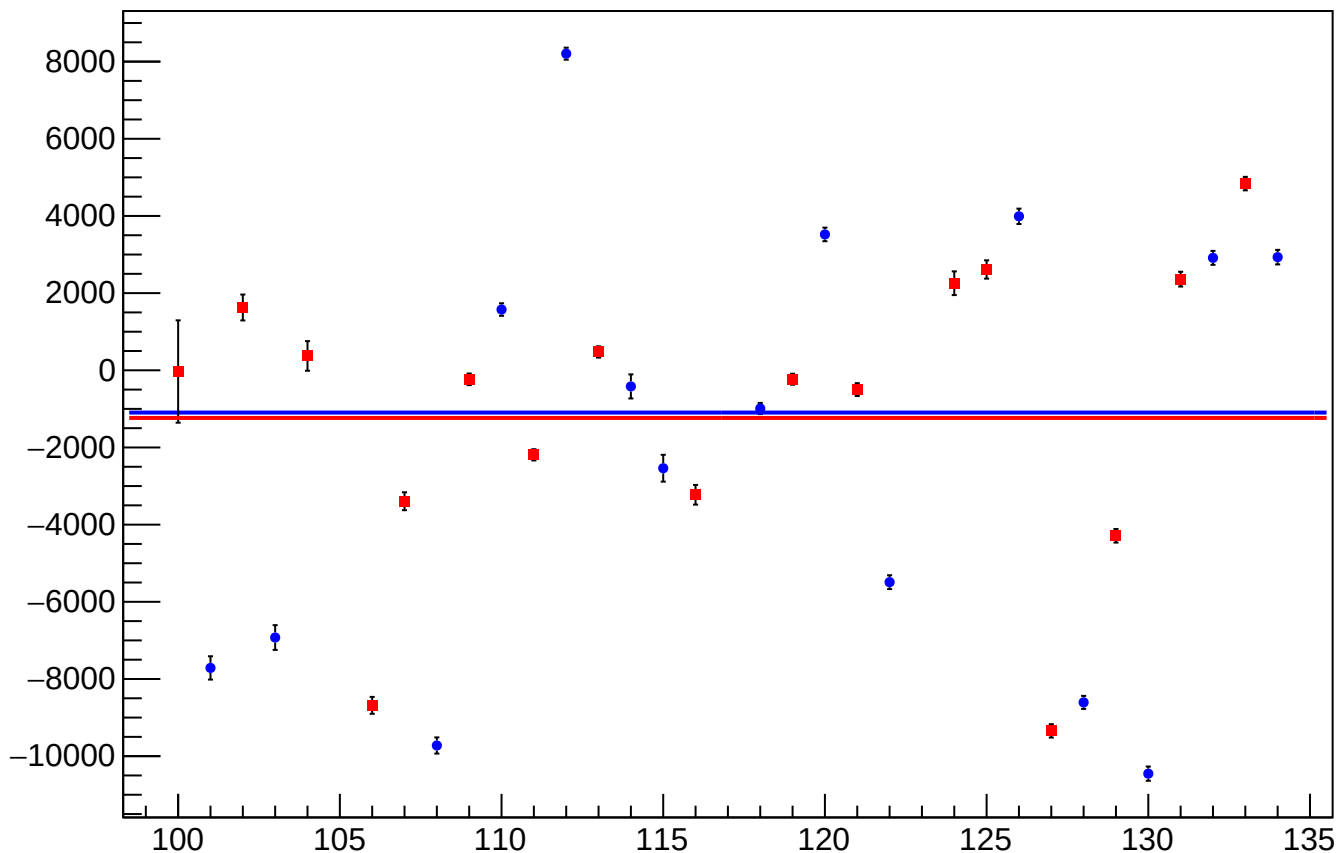
Right: 220.986+/-0.045 χ^2/NDF : 1565563.7/31

In: 227.989+/-0.067 χ^2/NDF :637290.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 220.986+/-0.045 χ^2/NDF : 1565563.7/31

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1095.559+/-49.942 χ^2/NDF : 13799.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1234.268+/-47.236 χ^2/NDF : 6128.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

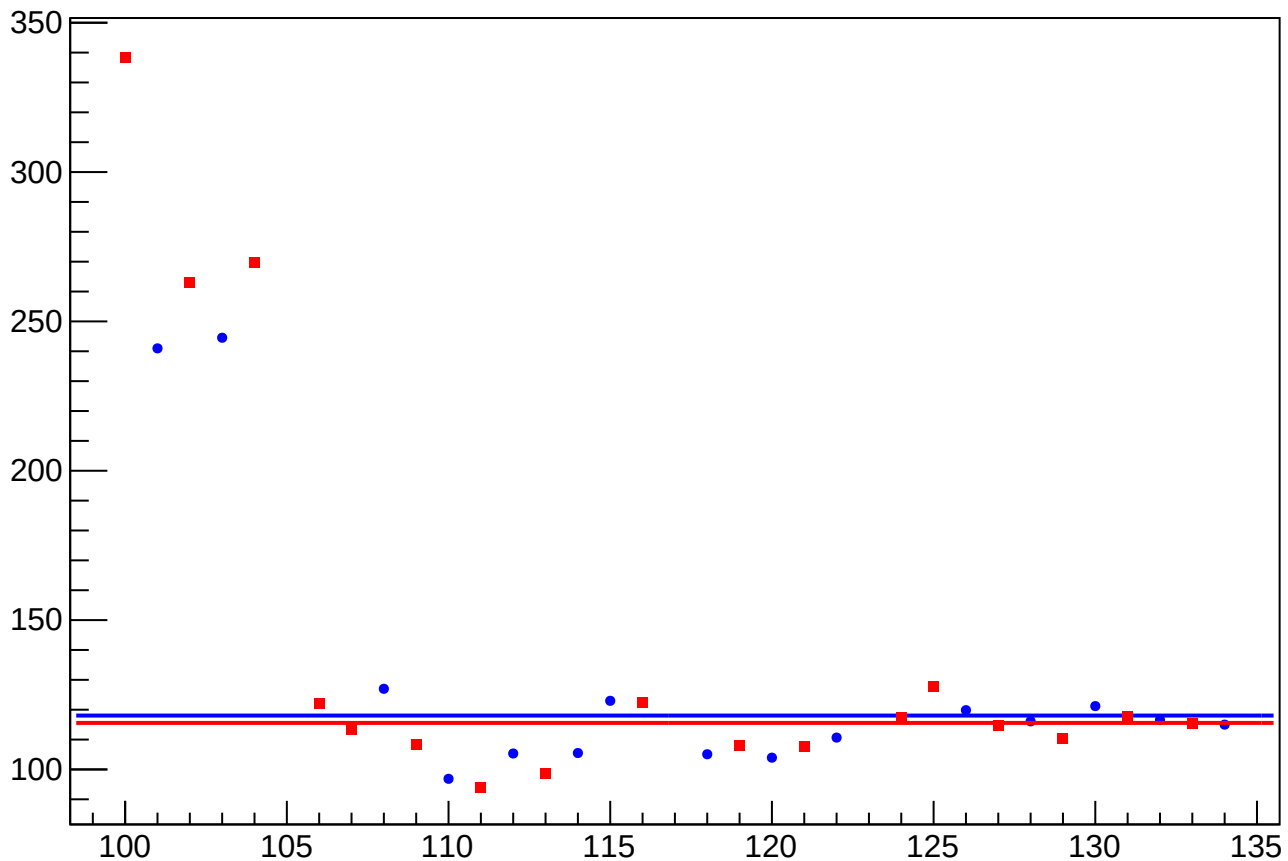
Right: -1168.773+/-34.318 χ^2/NDF : 19932.5/31

In: -1095.559+/-49.942 χ^2/NDF :13799.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1168.773+/-34.318 χ^2/NDF : 19932.5/31

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.040 $\pm$ 0.035 χ^2 /NDF: 732173.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.577 $\pm$ 0.033 χ^2 /NDF: 862458.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

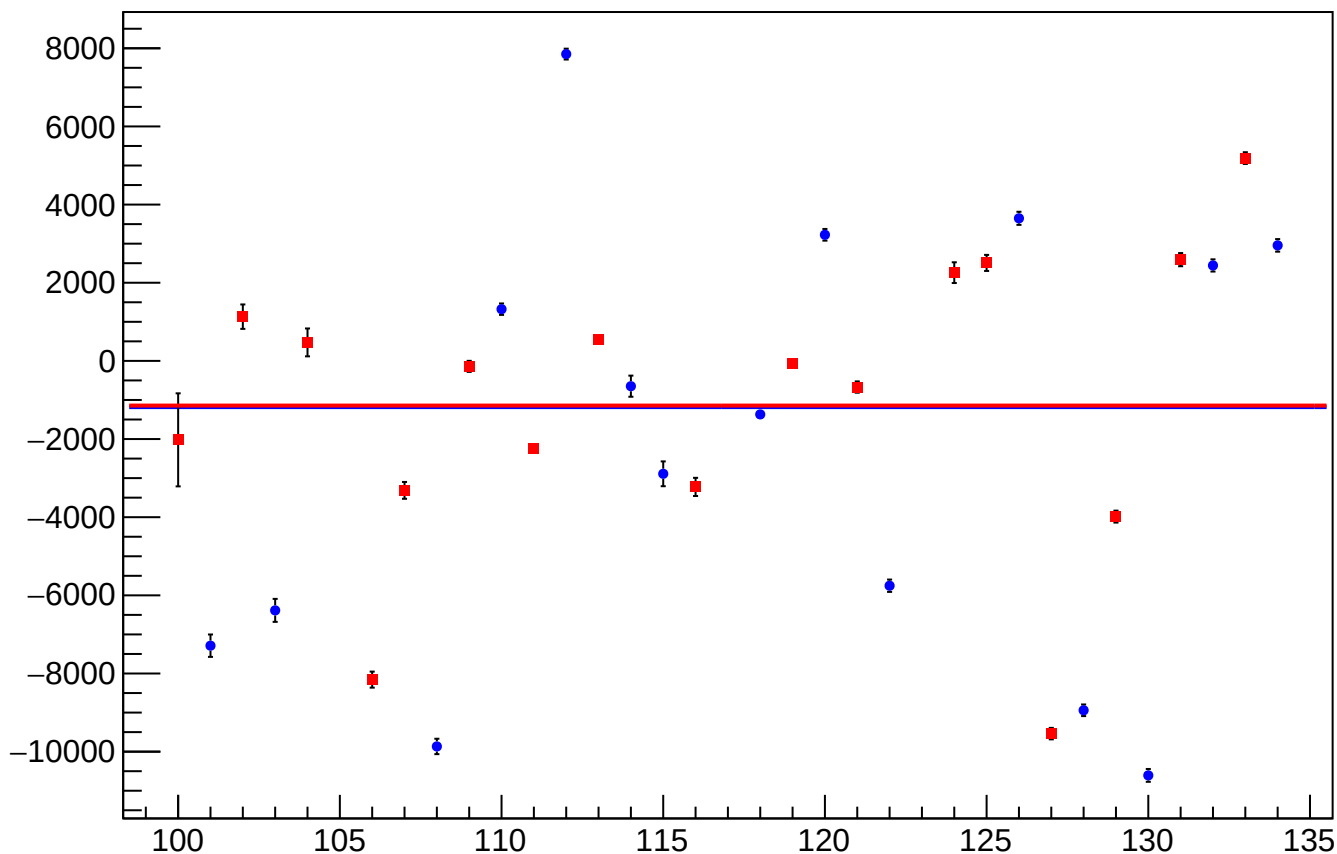
Right: 116.740 $\pm$ 0.024 χ^2 /NDF: 1597198.7/31

In: 118.040 $\pm$ 0.035 χ^2 /NDF:732173.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.740 $\pm$ 0.024 χ^2 /NDF: 1597198.7/31

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1182.418 ± 43.969 $\chi^2/\text{NDF}: 17034.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1143.405 ± 41.794 $\chi^2/\text{NDF}: 8170.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

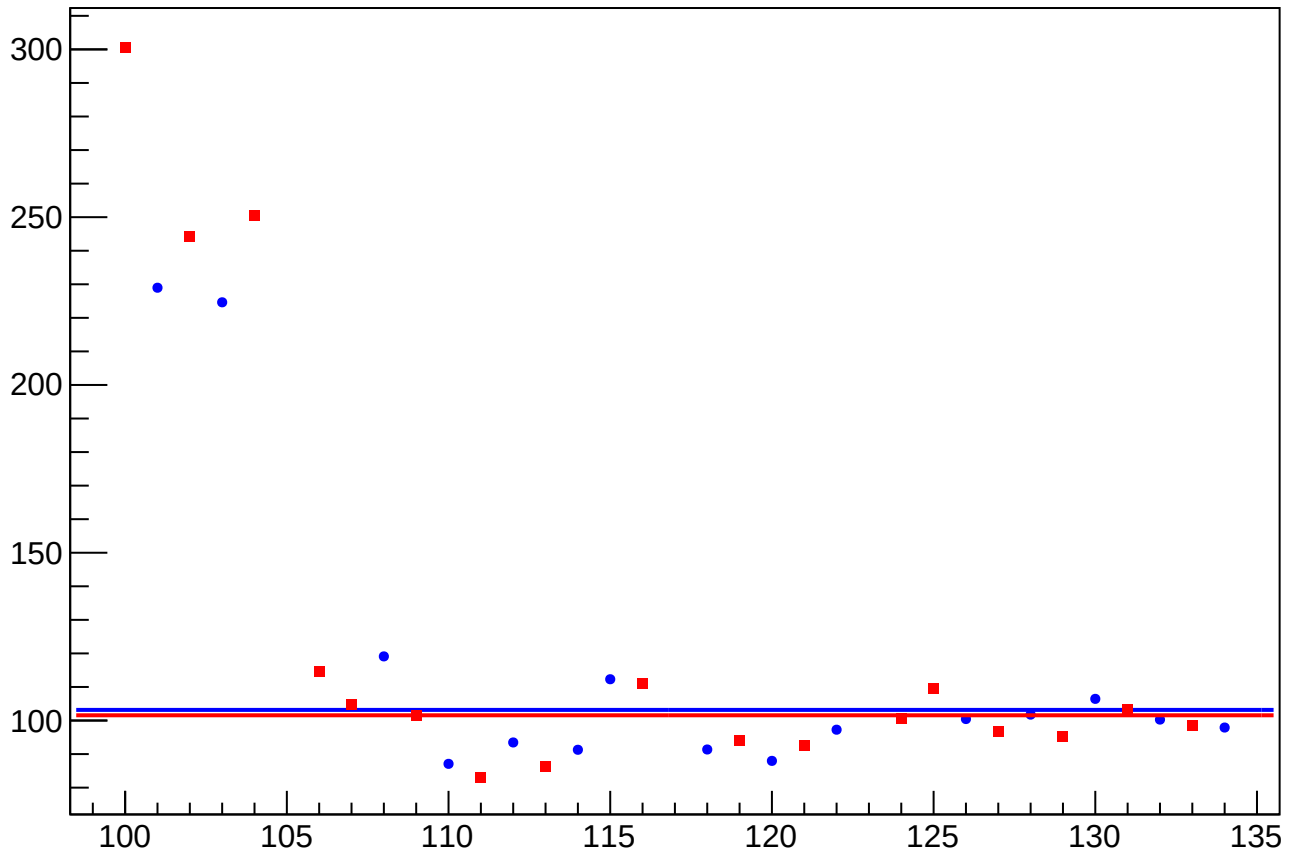
Right: -1161.922 ± 30.292 $\chi^2/\text{NDF}: 25205.2/31$

In: -1182.418 ± 43.969 $\chi^2/\text{NDF}: 17034.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1161.922 ± 30.292 $\chi^2/\text{NDF}: 25205.2/31$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 103.168+/-0.031 χ^2/NDF : 824161.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.561+/-0.030 χ^2/NDF : 927363.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

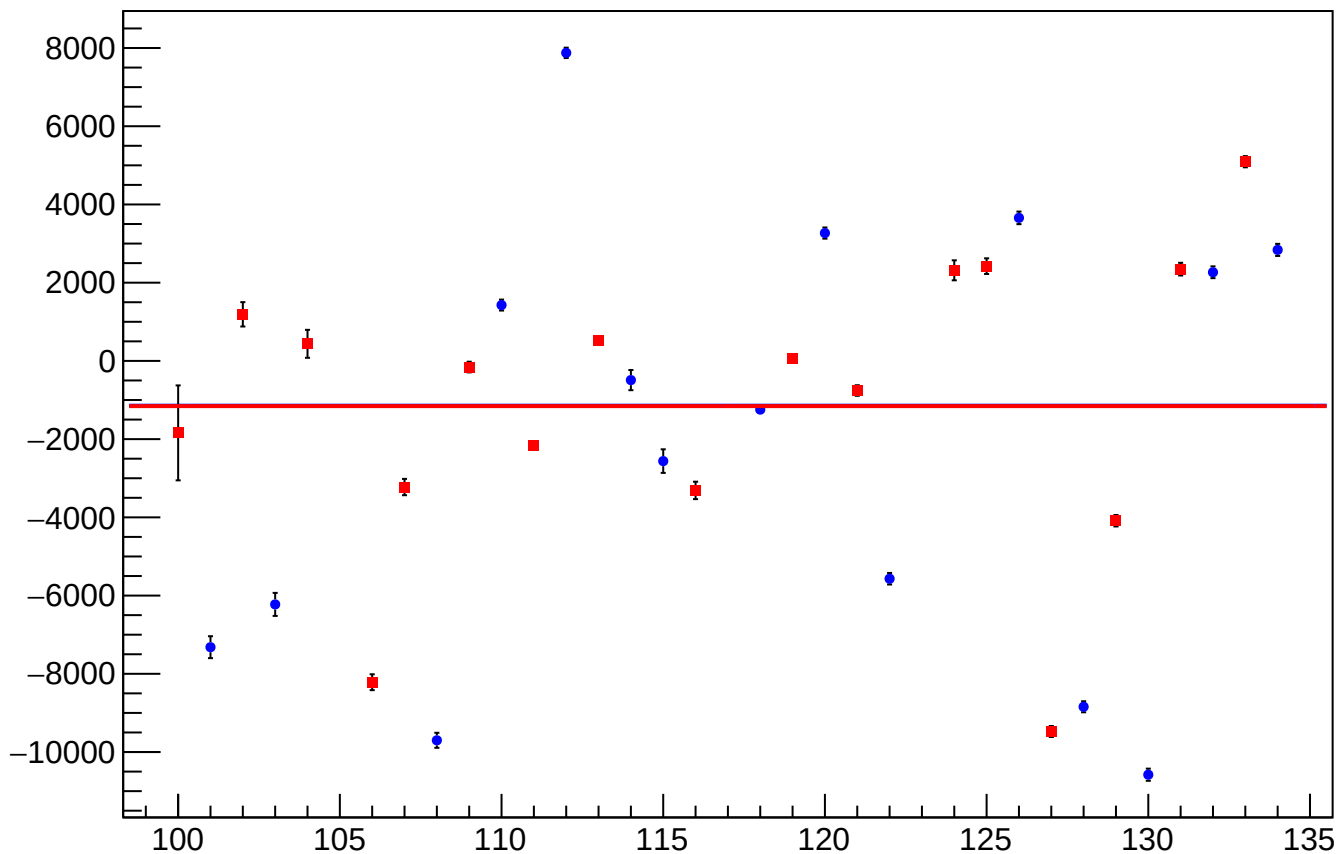
Right: 102.324+/-0.021 χ^2/NDF : 1752928.1/31

In: 103.168+/-0.031 χ^2/NDF :824161.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.324+/-0.021 χ^2/NDF : 1752928.1/31

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1145.235+/-42.062 χ^2/NDF : 18346.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1155.907+/-39.918 χ^2/NDF : 8722.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

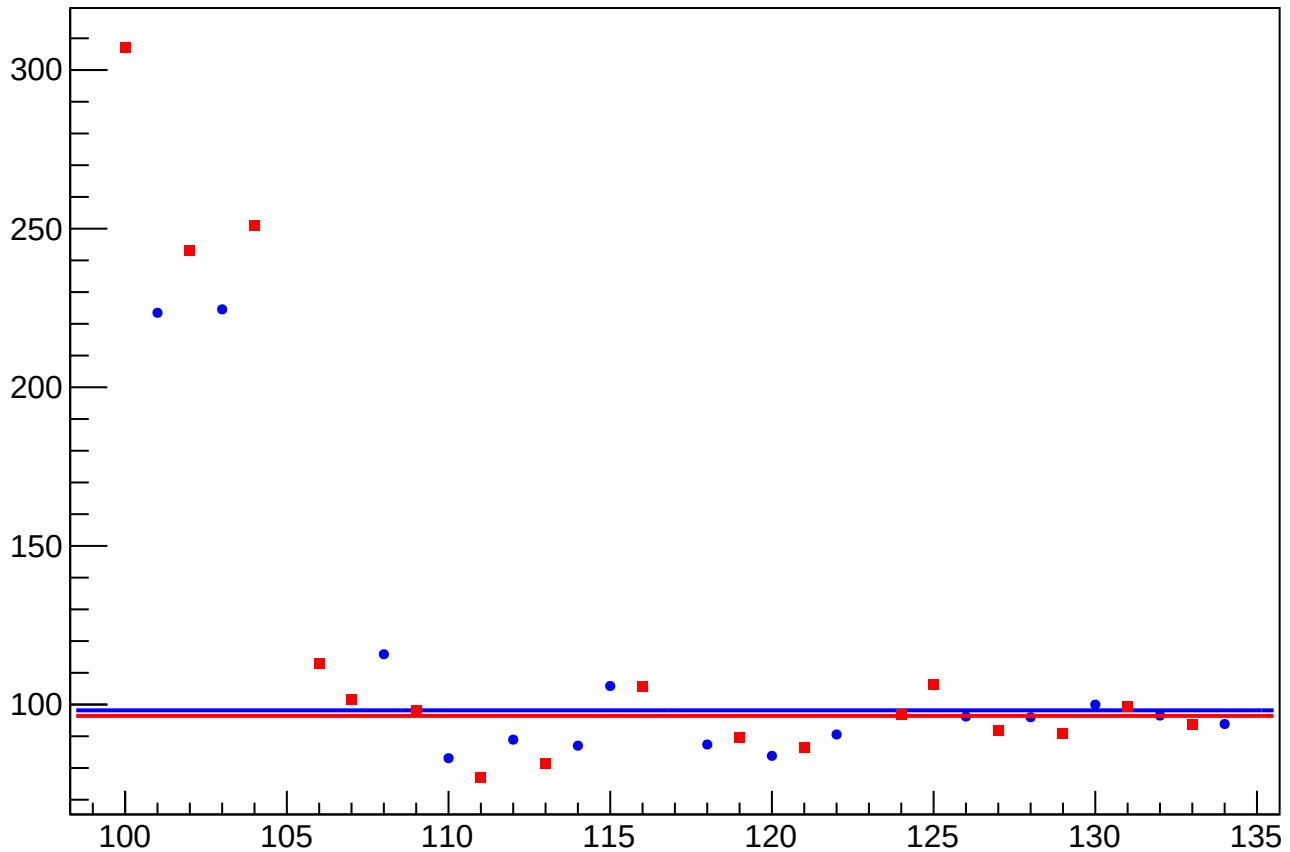
Right: -1150.850+/-28.955 χ^2/NDF : 27069.6/31

In: -1145.235+/-42.062 χ^2/NDF :18346.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1150.850+/-28.955 χ^2/NDF : 27069.6/31

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 98.170+/-0.030 χ^2/NDF : 867729.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.431+/-0.028 χ^2/NDF : 1008932.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

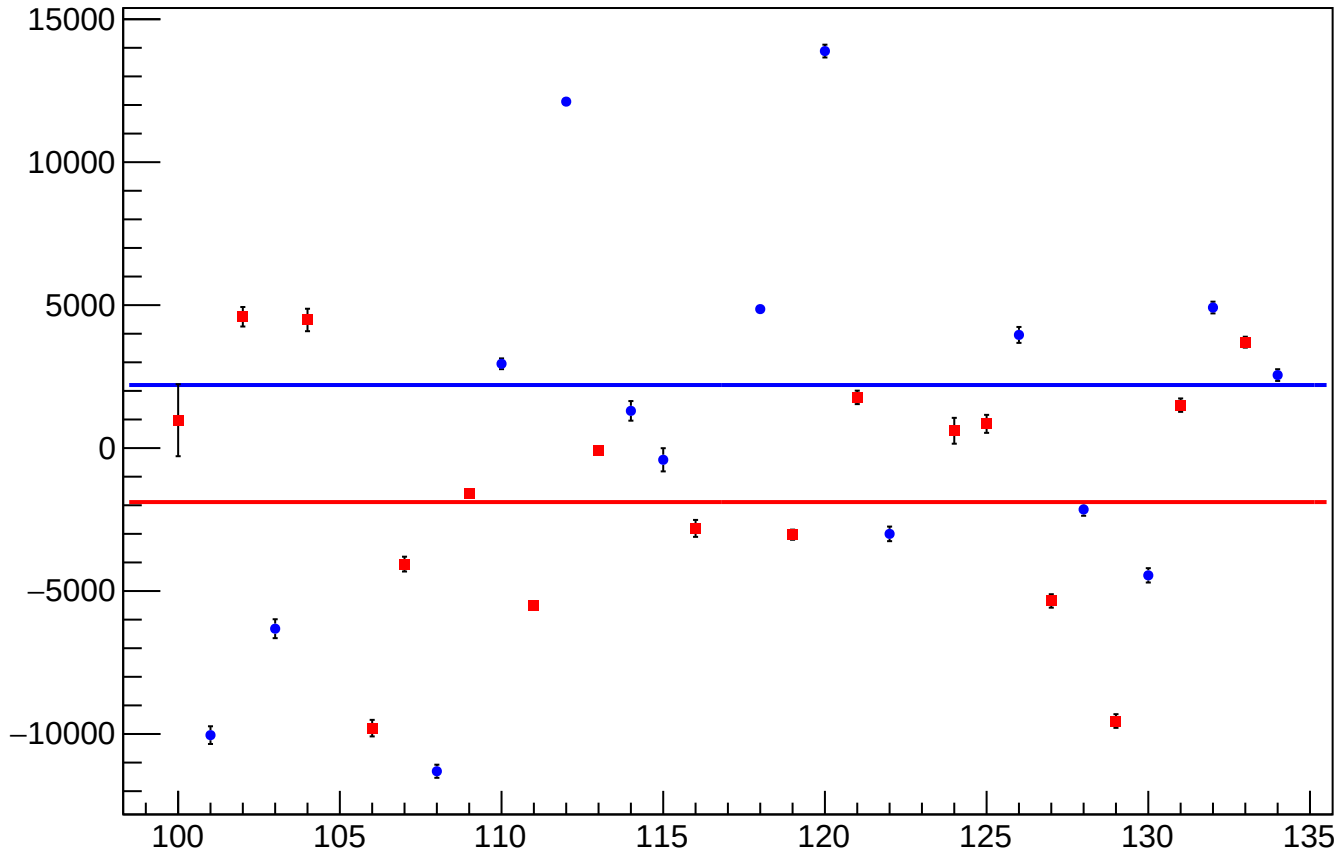
Right: 97.255+/-0.020 χ^2/NDF : 1878460.2/31

In: 98.170+/-0.030 χ^2/NDF : 867729.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.255+/-0.020 χ^2/NDF : 1878460.2/31

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2205.771+/-59.790 χ^2/NDF : 13627.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1888.239+/-57.261 χ^2/NDF : 4729.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

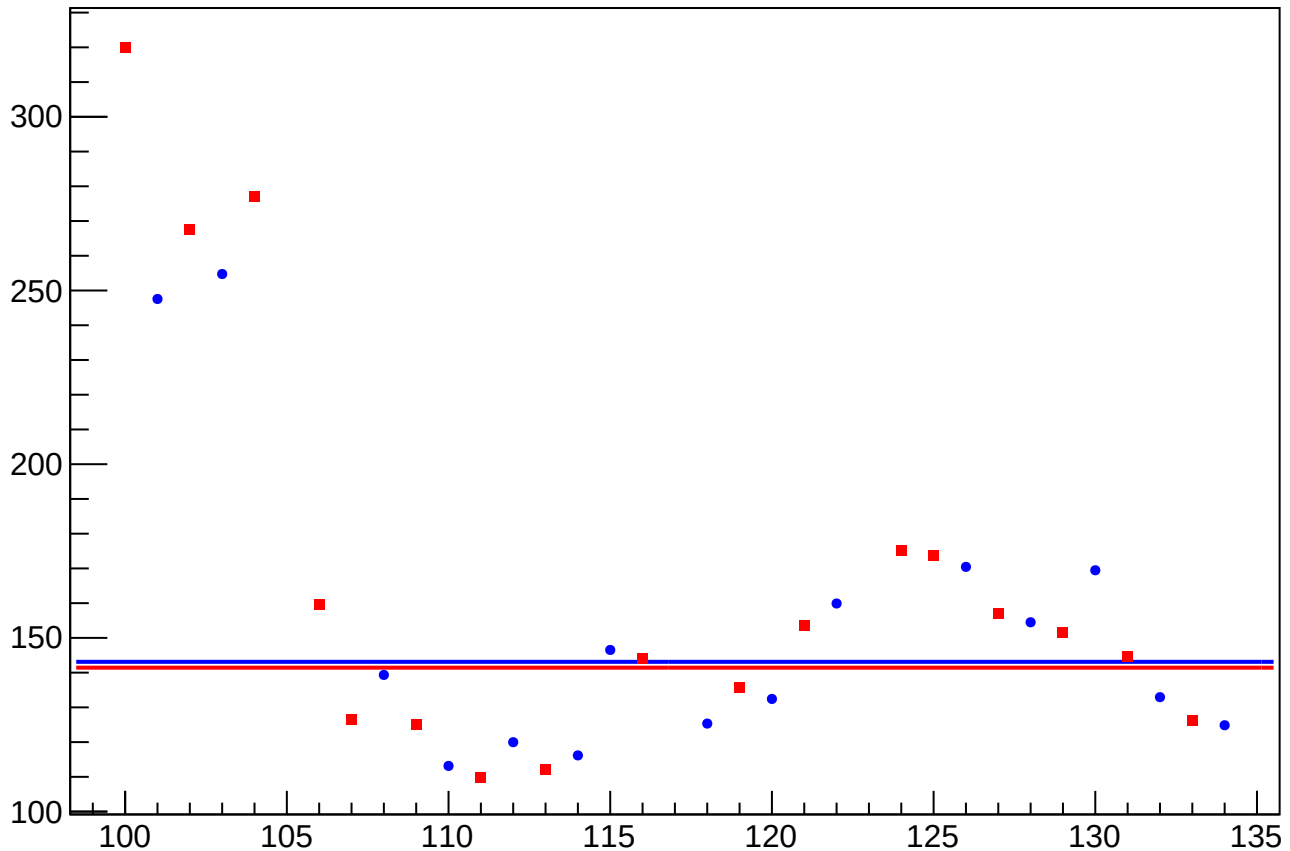
Right: 70.337+/-41.355 χ^2/NDF : 20802.7/31

In: 2205.771+/-59.790 χ^2/NDF :13627.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 70.337+/-41.355 χ^2/NDF : 20802.7/31

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 143.110+/-0.042 χ^2/NDF : 655341.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.431+/-0.040 χ^2/NDF : 780525.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

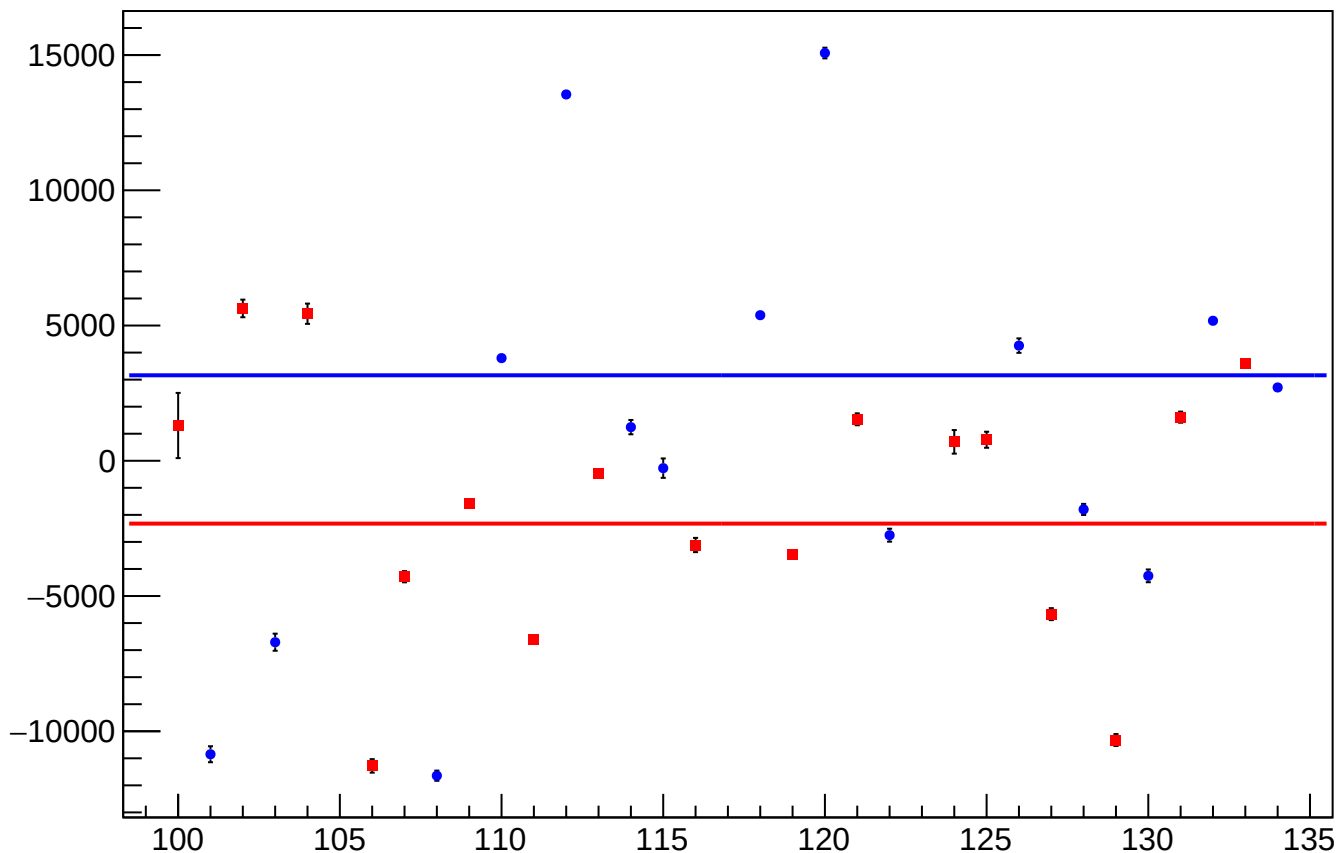
Right: 142.235+/-0.029 χ^2/NDF : 1436689.0/31

In: 143.110+/-0.042 χ^2/NDF : 655341.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.235+/-0.029 χ^2/NDF : 1436689.0/31

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3160.395+/-50.502 χ^2/NDF : 21704.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2322.865+/-47.642 χ^2/NDF : 7741.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

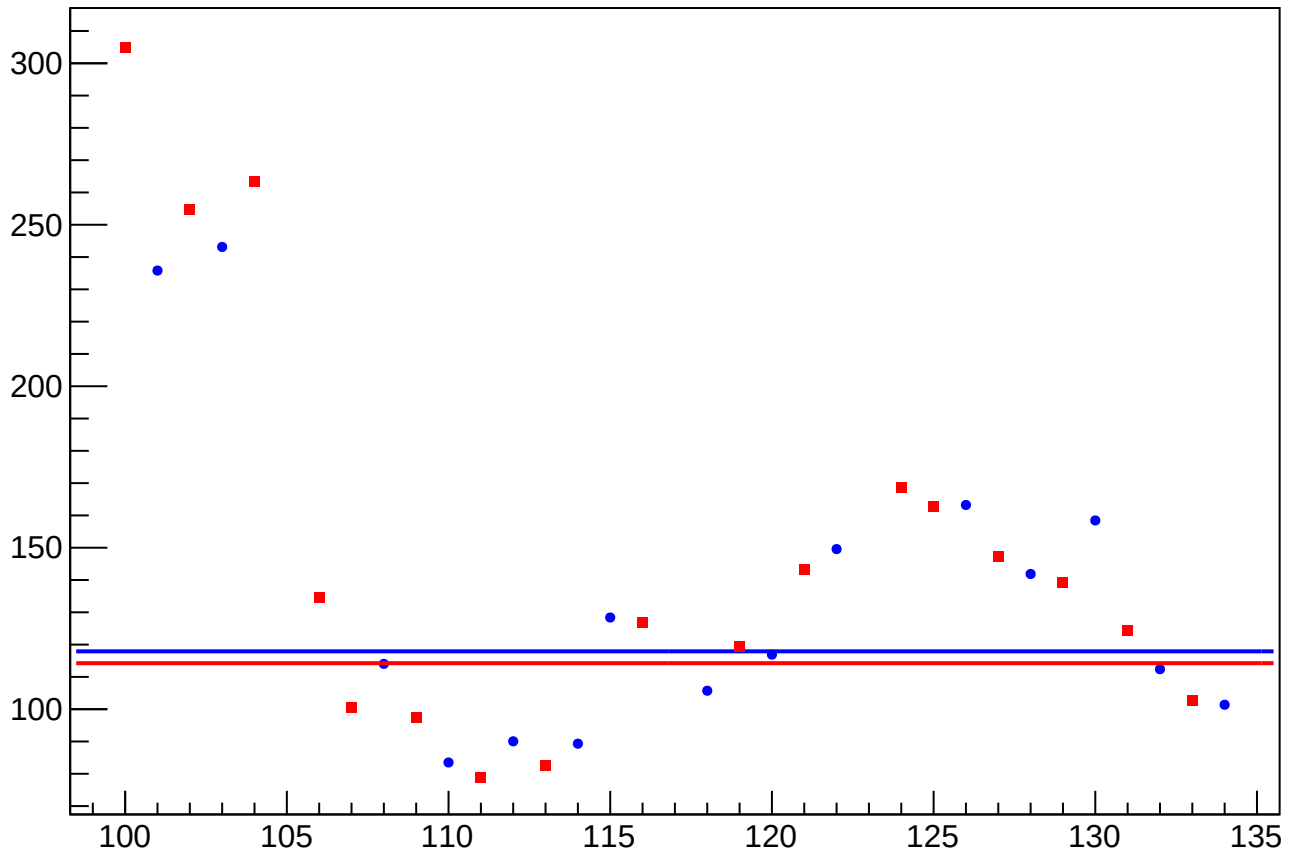
Right: 259.148+/-34.655 χ^2/NDF : 35683.5/31

In: 3160.395+/-50.502 χ^2/NDF : 21704.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.148+/-34.655 χ^2/NDF : 35683.5/31

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 117.913+/-0.036 χ^2/NDF : 1077743.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.250+/-0.034 χ^2/NDF : 1301704.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

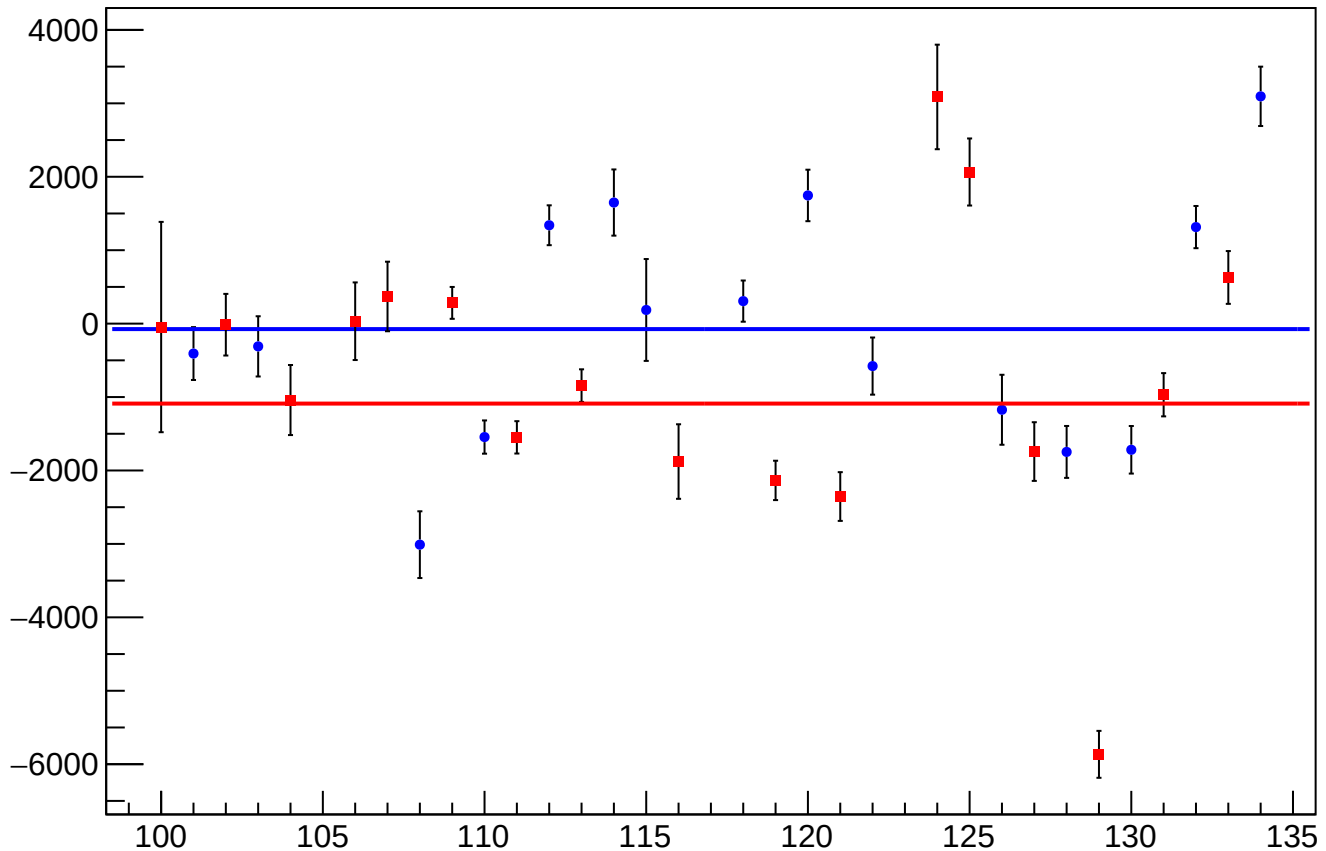
Right: 115.975+/-0.025 χ^2/NDF : 2385015.2/31

In: 117.913+/-0.036 χ^2/NDF : 1077743.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.975+/-0.025 χ^2/NDF : 2385015.2/31

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -74.510+/-89.009 χ^2/NDF : 295.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1088.963+/-81.729 χ^2/NDF : 430.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

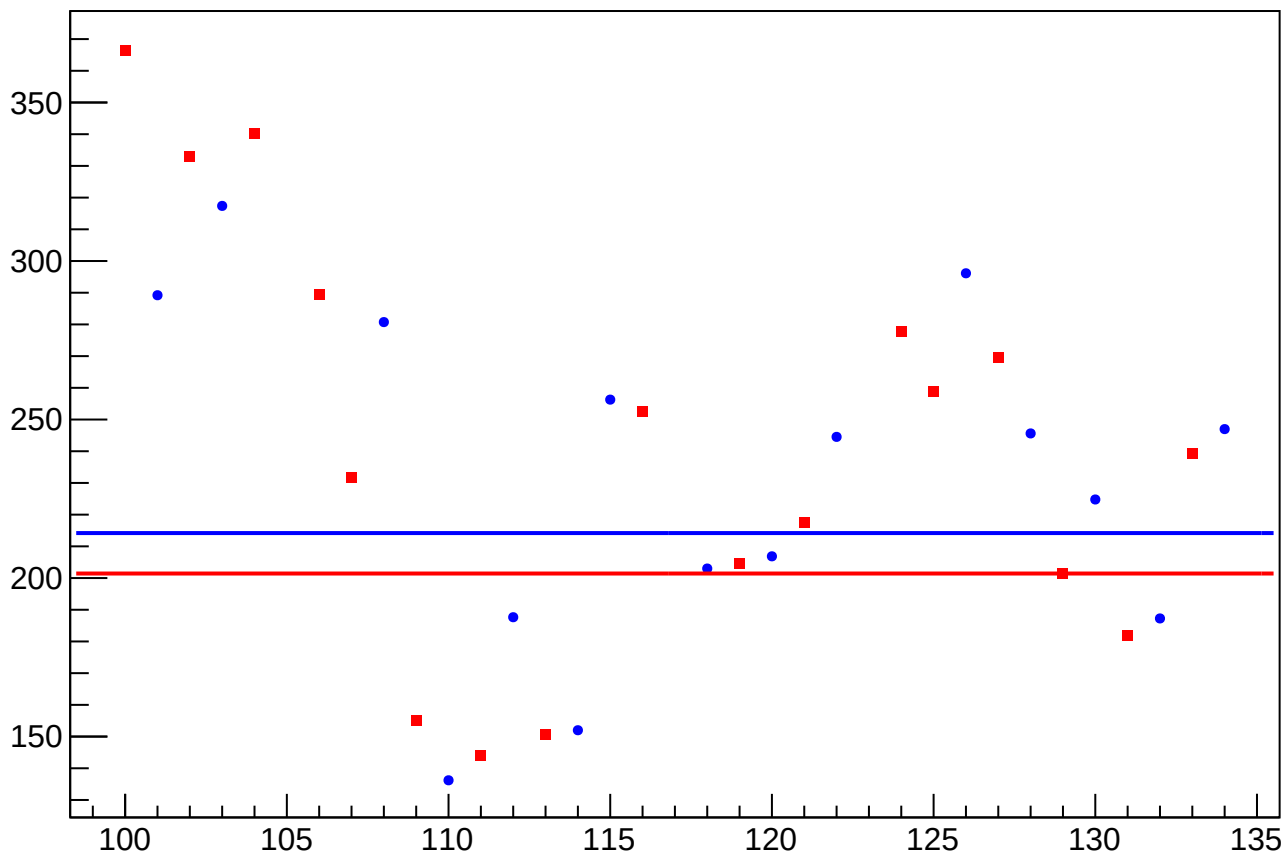
Right: -624.911+/-60.201 χ^2/NDF : 796.3/31

In: -74.510+/-89.009 χ^2/NDF :295.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -624.911+/-60.201 χ^2/NDF : 796.3/31

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 214.188 ± 0.063 χ^2/NDF : 682419.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 201.429 ± 0.058 χ^2/NDF : 955813.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

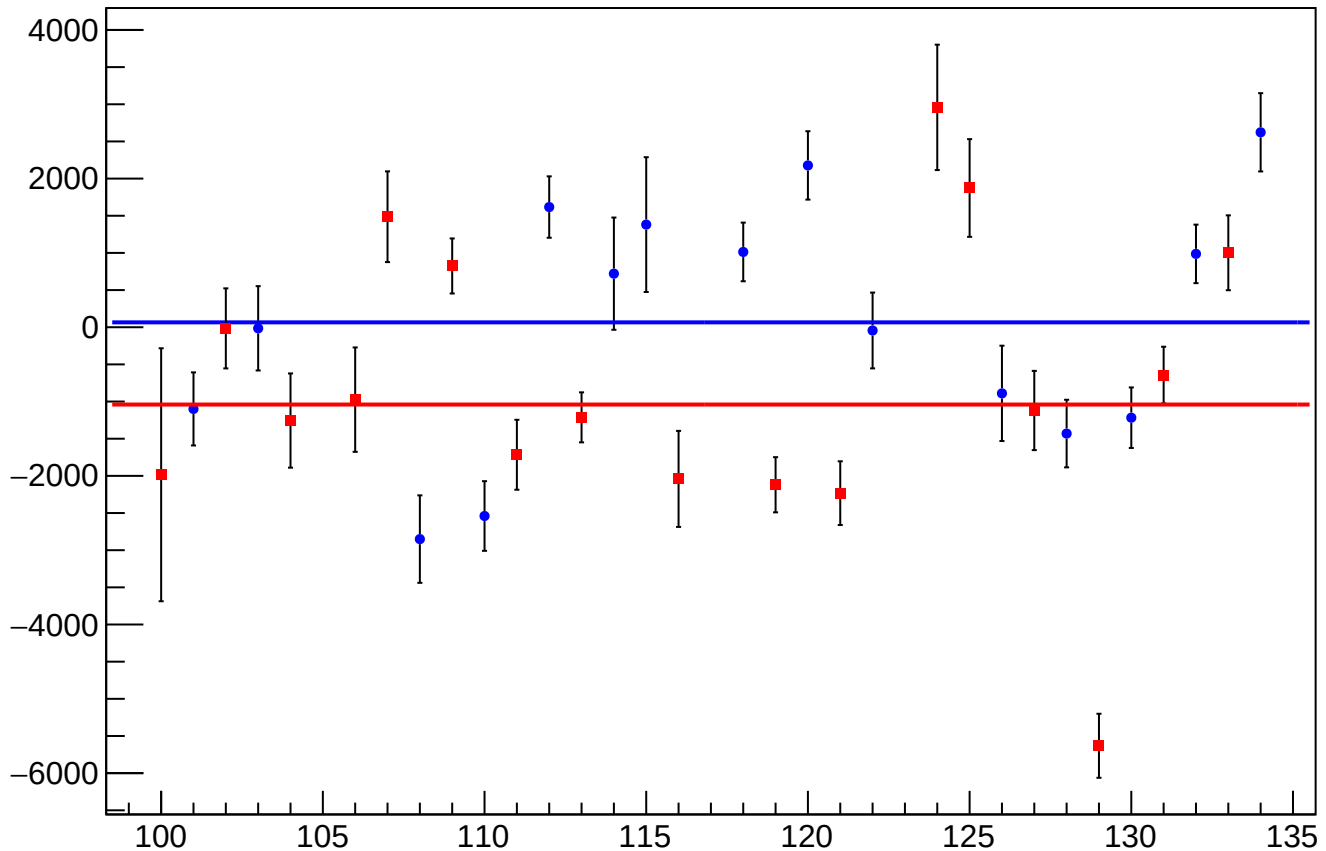
Right: 207.265 ± 0.043 χ^2/NDF : 1660531.3/31

In: 214.188 ± 0.063 χ^2/NDF : 682419.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 207.265 ± 0.043 χ^2/NDF : 1660531.3/31

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 65.570+/-127.142 χ^2/NDF : 157.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1040.242+/-119.395 χ^2/NDF : 240.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

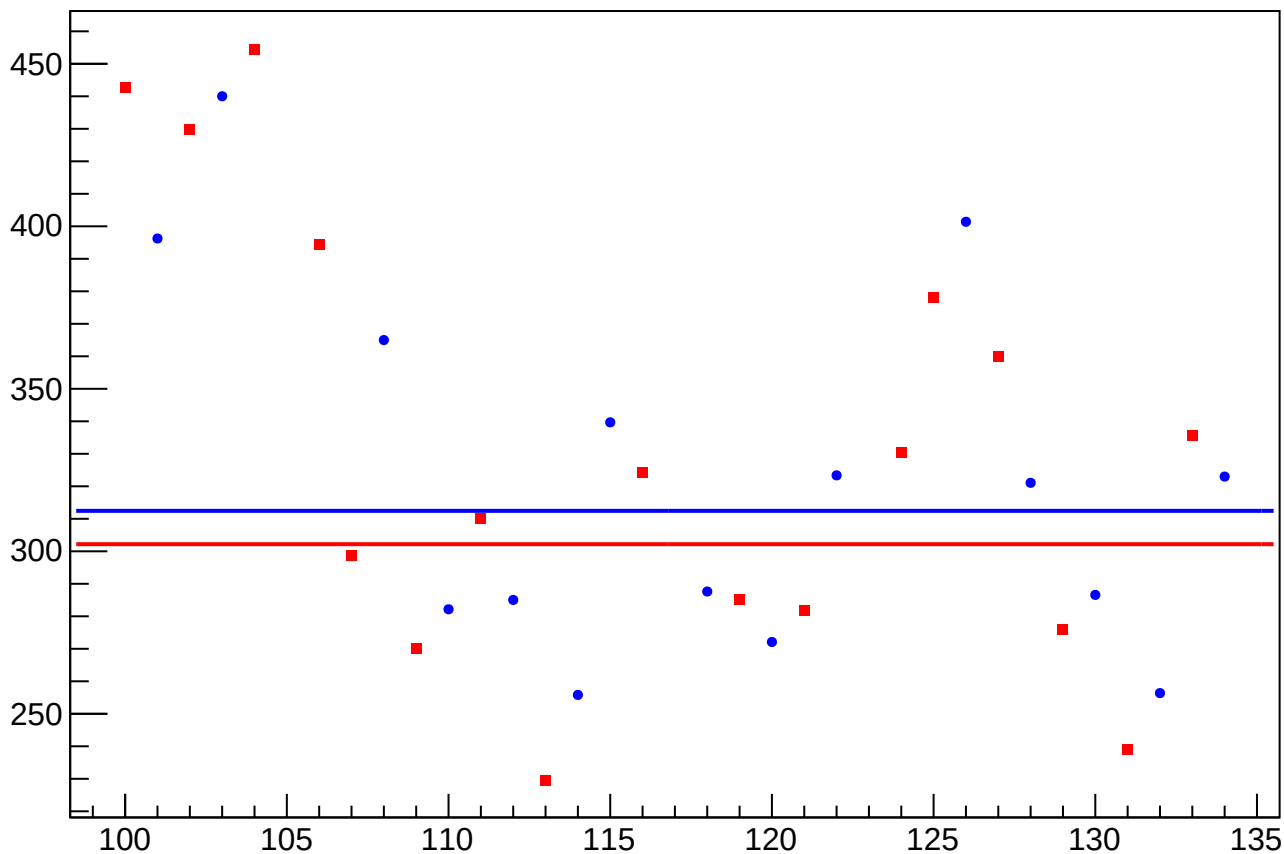
Right: -522.053+/-87.035 χ^2/NDF : 437.9/31

In: 65.570+/-127.142 χ^2/NDF :157.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -522.053+/-87.035 χ^2/NDF : 437.9/31

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 312.449 ± 0.090 χ^2/NDF : 318258.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 302.188 ± 0.084 χ^2/NDF : 519161.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

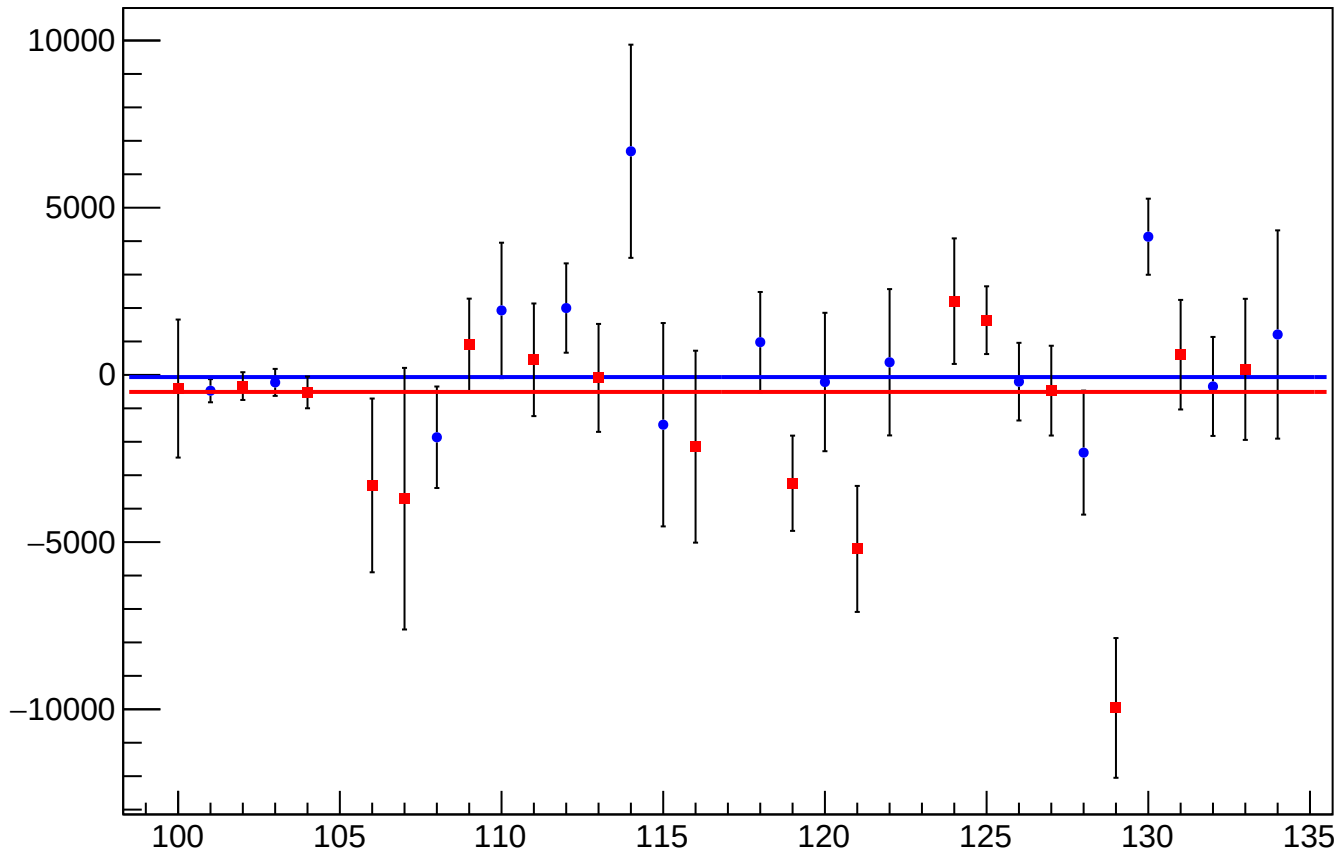
Right: 306.996 ± 0.062 χ^2/NDF : 844342.5/31

In: 312.449 ± 0.090 χ^2/NDF : 318258.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 306.996 ± 0.062 χ^2/NDF : 844342.5/31

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -64.686 ± 228.354 χ^2/NDF : 26.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -509.270 ± 254.071 χ^2/NDF : 41.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

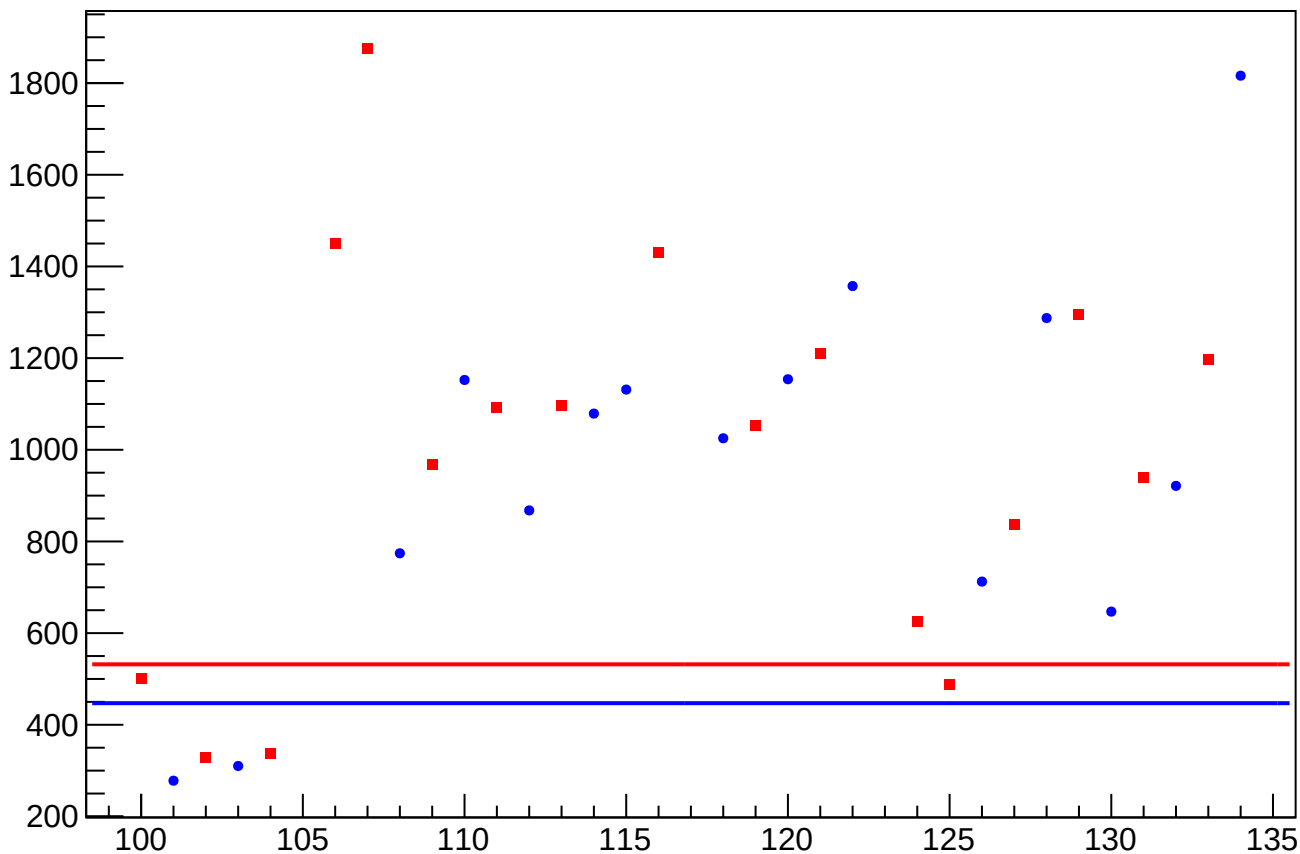
Right: -263.345 ± 169.837 χ^2/NDF : 69.8/31

In: -64.686 ± 228.354 χ^2/NDF : 26.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -263.345 ± 169.837 χ^2/NDF : 69.8/31

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 447.114+/-0.161 χ^2/NDF : 3465374.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 531.931+/-0.180 χ^2/NDF : 3384349.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

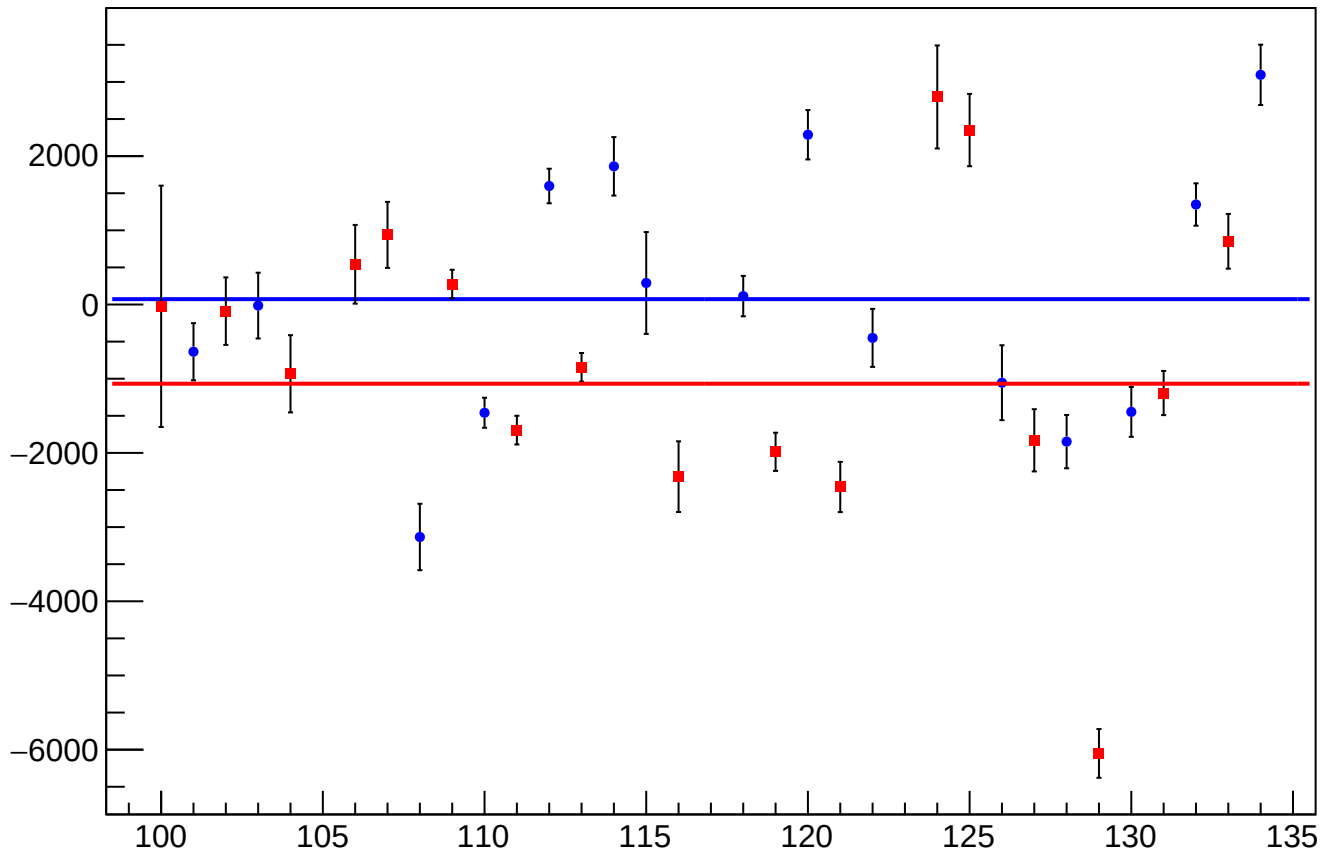
Right: 485.014+/-0.120 χ^2/NDF : 6973016.3/31

In: 447.114+/-0.161 χ^2/NDF :3465374.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 485.014+/-0.120 χ^2/NDF : 6973016.3/31

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 72.248+/-85.742 χ^2/NDF : 350.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1067.225+/-77.590 χ^2/NDF : 472.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

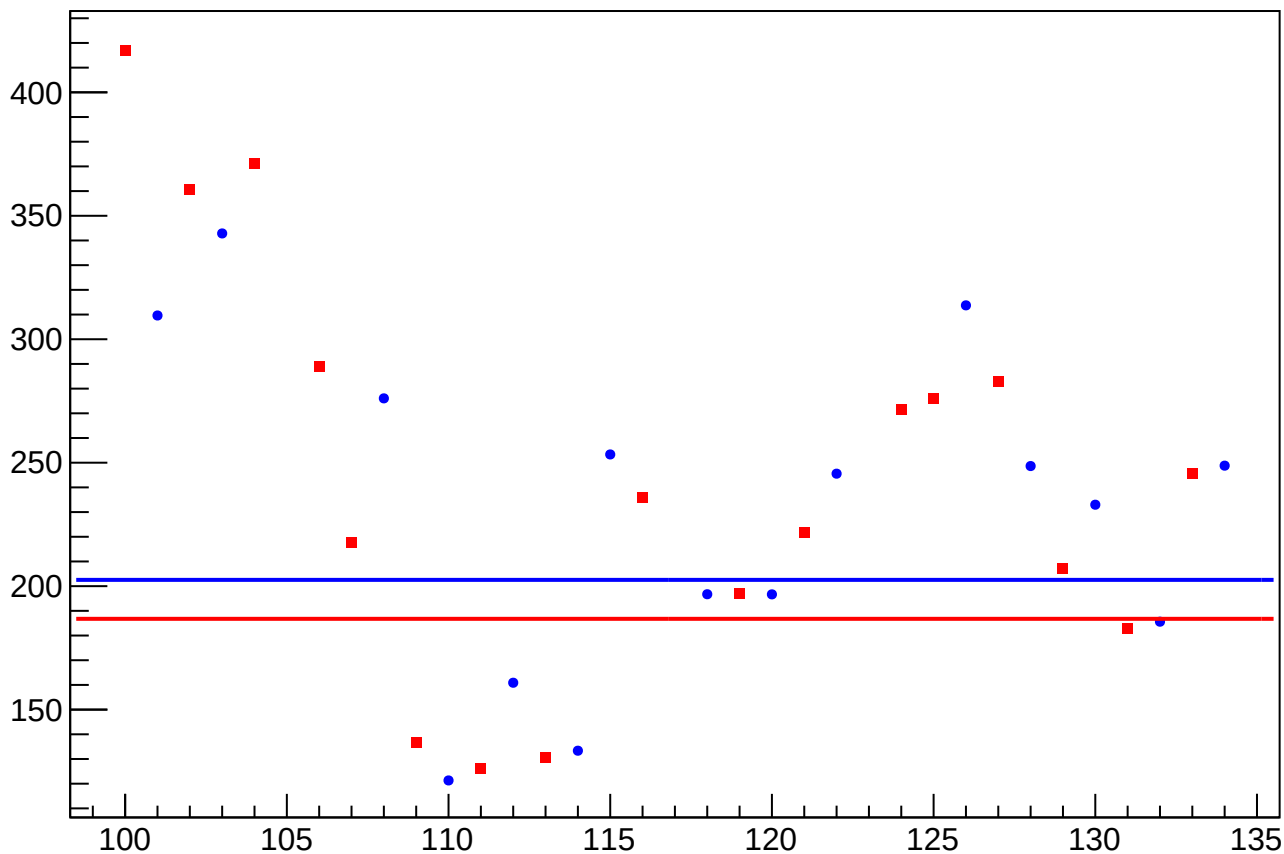
Right: -554.221+/-57.531 χ^2/NDF : 920.1/31

In: 72.248+/-85.742 χ^2/NDF : 350.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.221+/-57.531 χ^2/NDF : 920.1/31

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 202.545+/-0.061 χ^2/NDF : 1071536.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 186.769+/-0.055 χ^2/NDF : 1476573.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

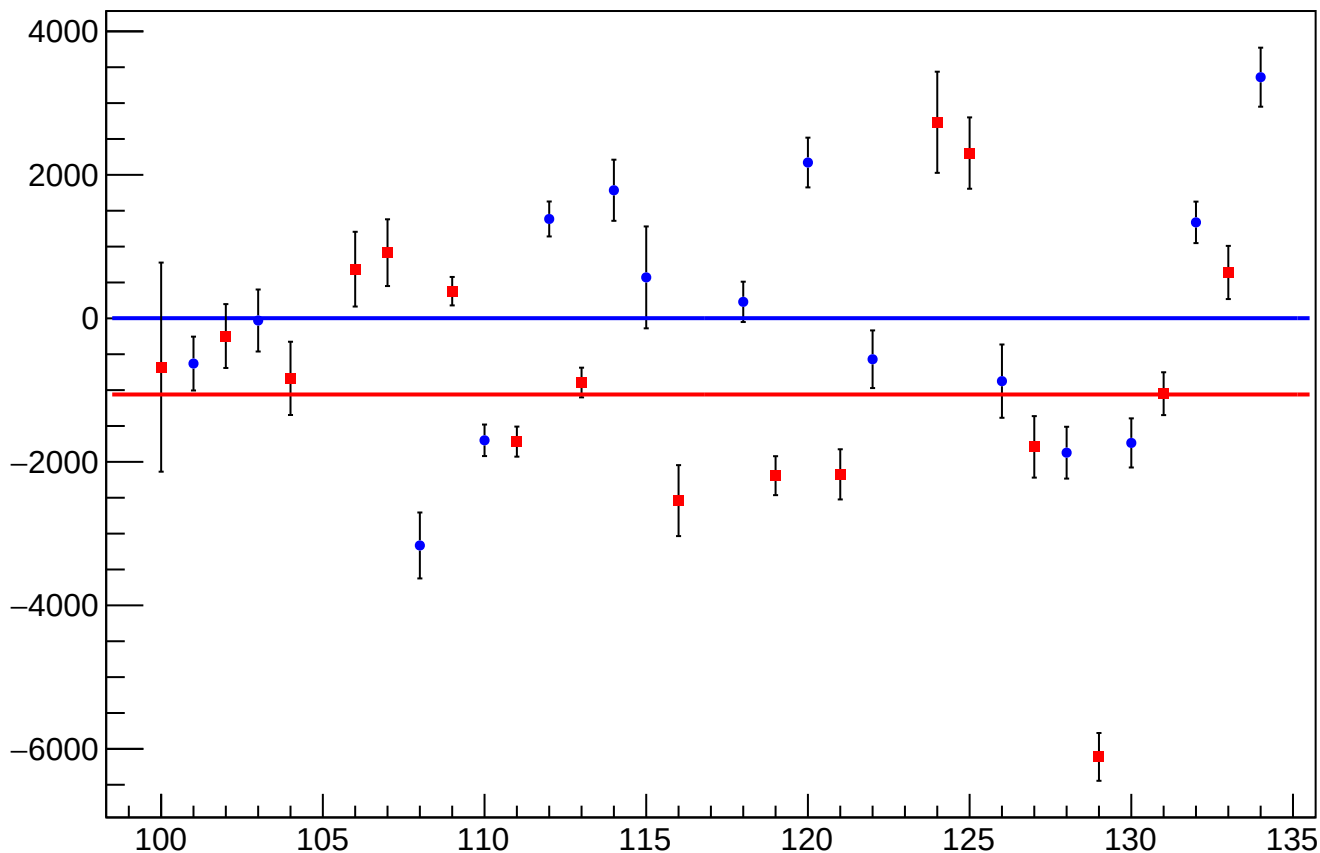
Right: 193.872+/-0.041 χ^2/NDF : 2585333.2/31

In: 202.545+/-0.061 χ^2/NDF :1071536.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 193.872+/-0.041 χ^2/NDF : 2585333.2/31

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 2.470+/-88.613 χ^2/NDF : 346.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1060.976+/-80.555 χ^2/NDF : 461.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

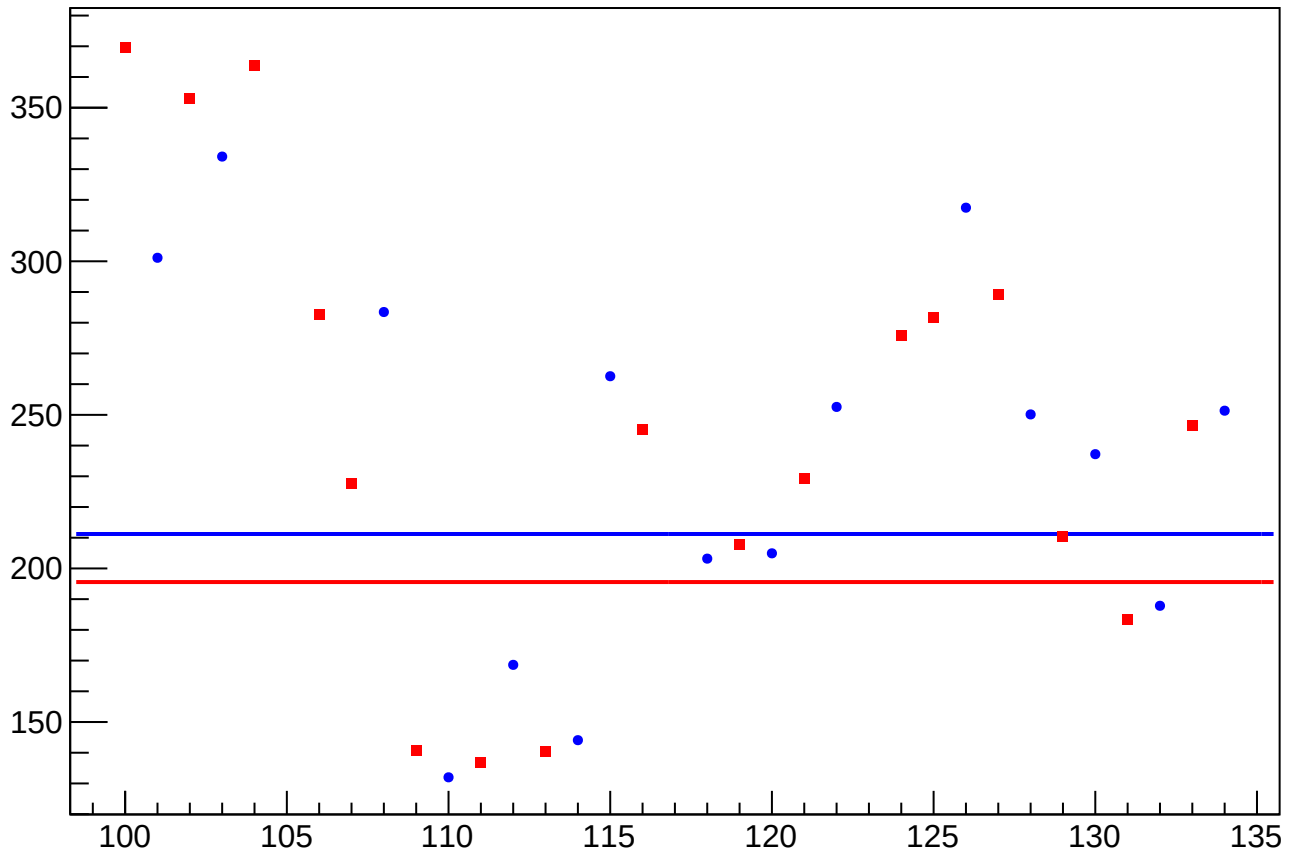
Right: -579.791+/-59.607 χ^2/NDF : 886.4/31

In: 2.470+/-88.613 χ^2/NDF :346.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -579.791+/-59.607 χ^2/NDF : 886.4/31

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.213+/-0.063 χ^2/NDF : 884360.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.567+/-0.057 χ^2/NDF : 1282338.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

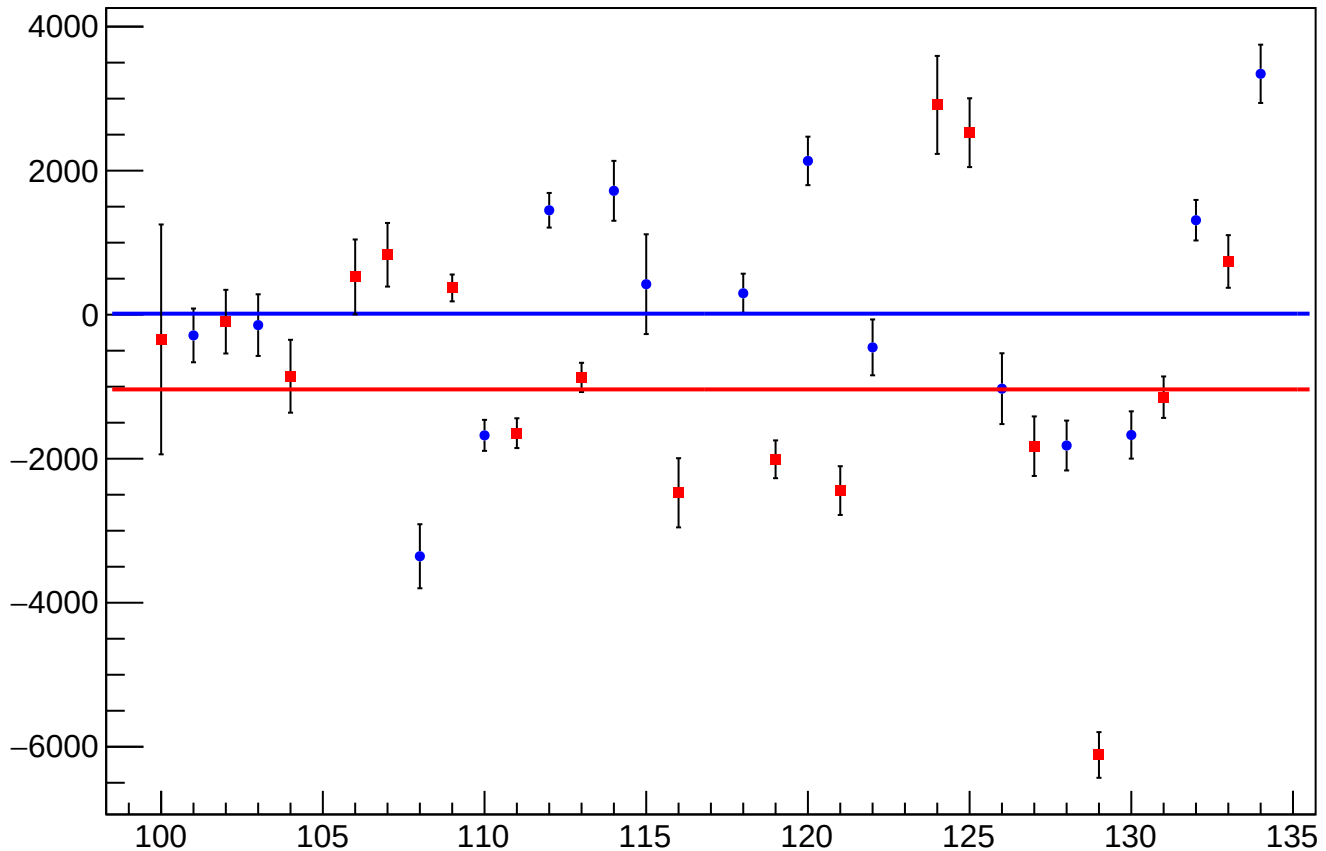
Right: 202.646+/-0.042 χ^2/NDF : 2200834.1/31

In: 211.213+/-0.063 χ^2/NDF : 884360.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.646+/-0.042 χ^2/NDF : 2200834.1/31

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 14.013+/-86.426 χ^2/NDF : 362.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1037.692+/-78.058 χ^2/NDF : 510.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

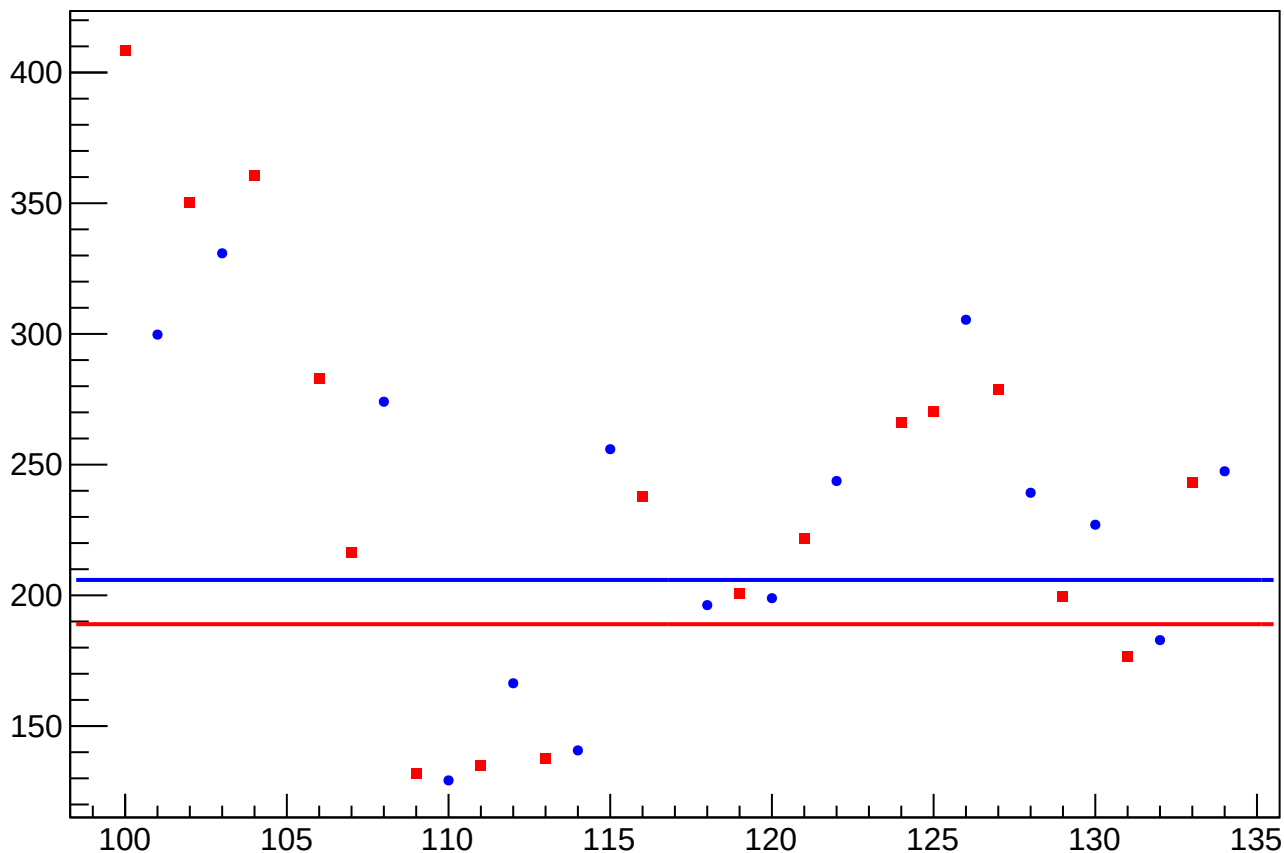
Right: -565.209+/-57.929 χ^2/NDF : 955.0/31

In: 14.013+/-86.426 χ^2/NDF : 362.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.209+/-57.929 χ^2/NDF : 955.0/31

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 205.890+/-0.061 χ^2/NDF : 876816.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.973+/-0.055 χ^2/NDF : 1330625.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

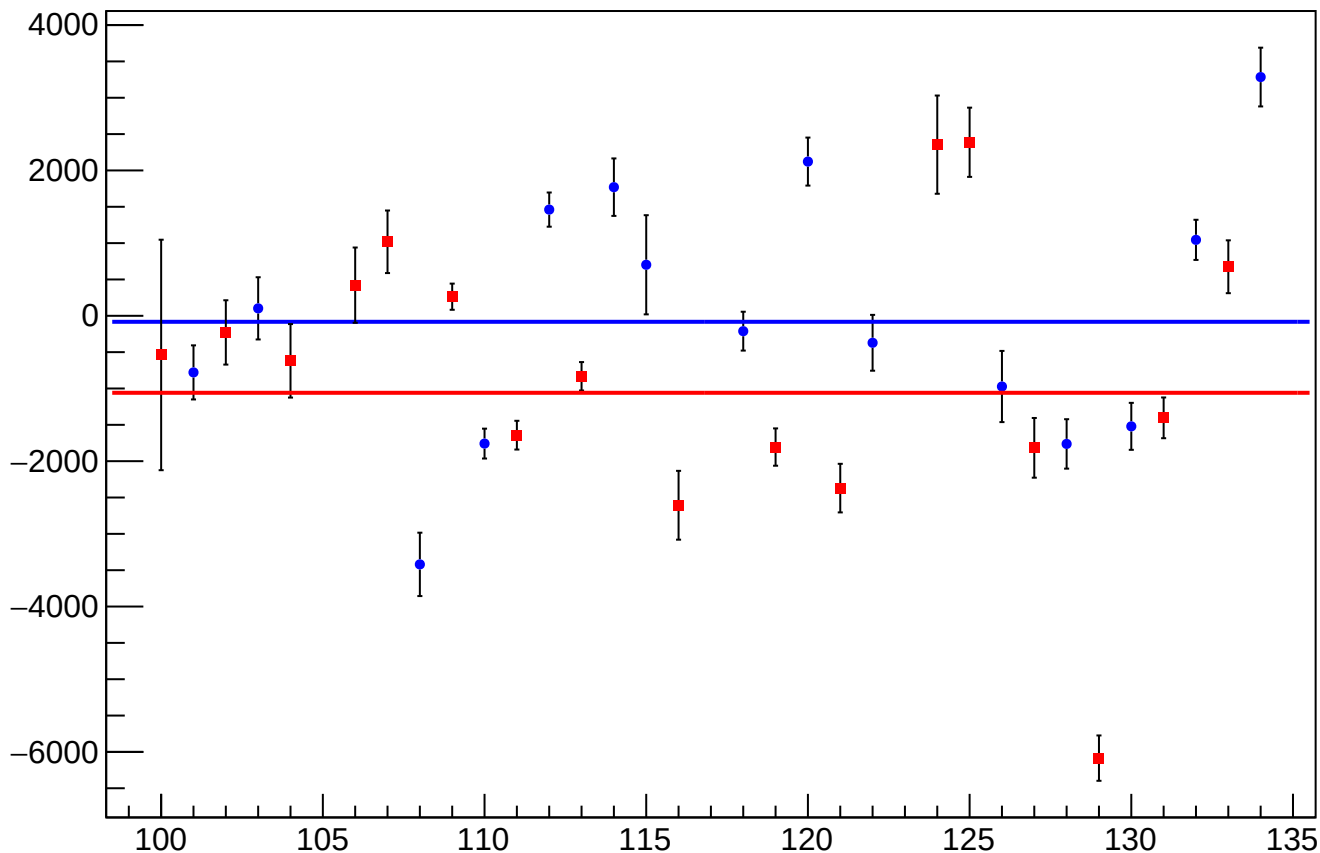
Right: 196.573+/-0.041 χ^2/NDF : 2249645.6/31

In: 205.890+/-0.061 χ^2/NDF : 876816.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.573+/-0.041 χ^2/NDF : 2249645.6/31

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -82.399+/-84.576 χ^2/NDF : 374.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1059.210+/-76.072 χ^2/NDF : 499.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

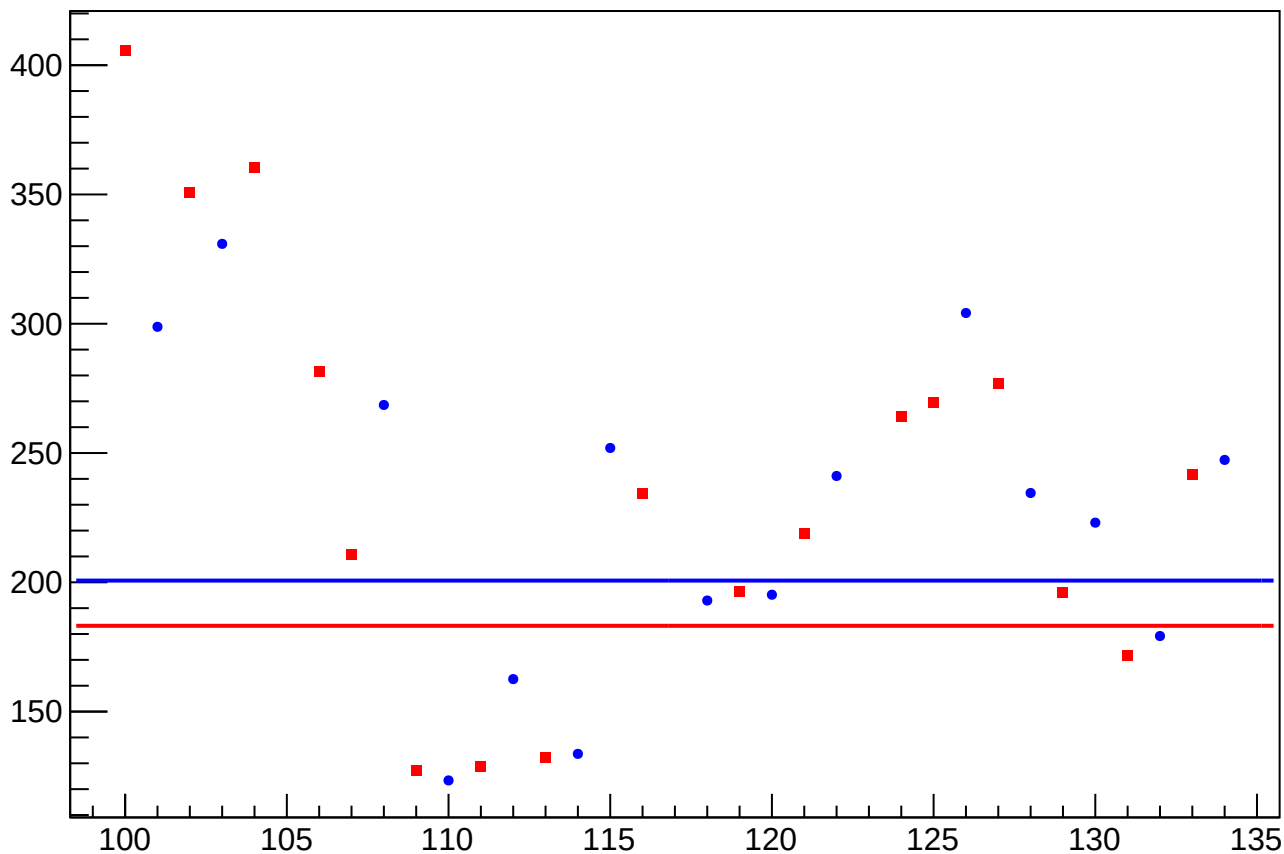
Right: -622.370+/-56.559 χ^2/NDF : 947.3/31

In: -82.399+/-84.576 χ^2/NDF :374.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -622.370+/-56.559 χ^2/NDF : 947.3/31

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 200.665+/-0.060 χ^2/NDF : 958856.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.181+/-0.054 χ^2/NDF : 1441112.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

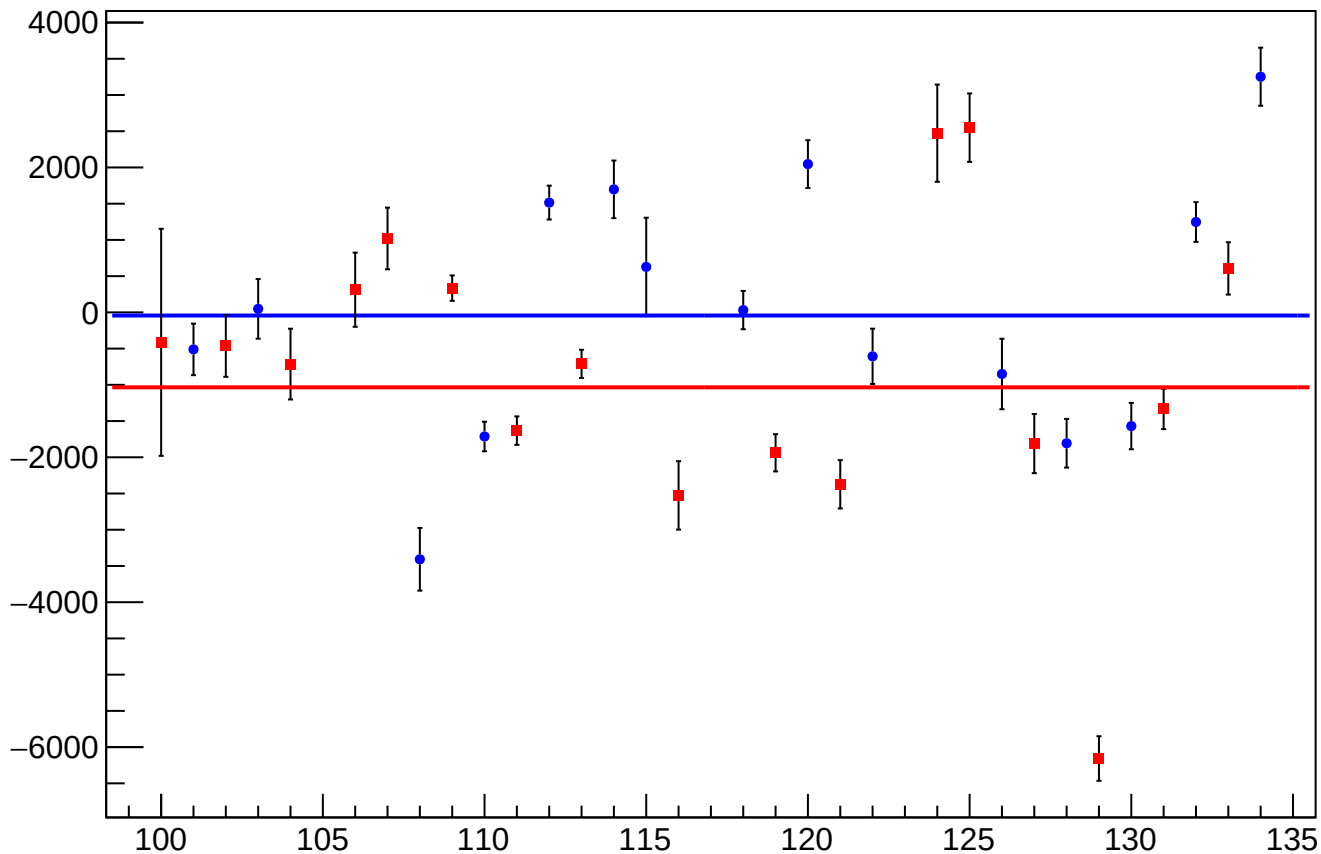
Right: 191.000+/-0.040 χ^2/NDF : 2447213.6/31

In: 200.665+/-0.060 χ^2/NDF : 958856.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.000+/-0.040 χ^2/NDF : 2447213.6/31

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -43.611+/-83.707 χ^2 /NDF: 379.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1034.146+/-75.234 χ^2 /NDF: 531.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

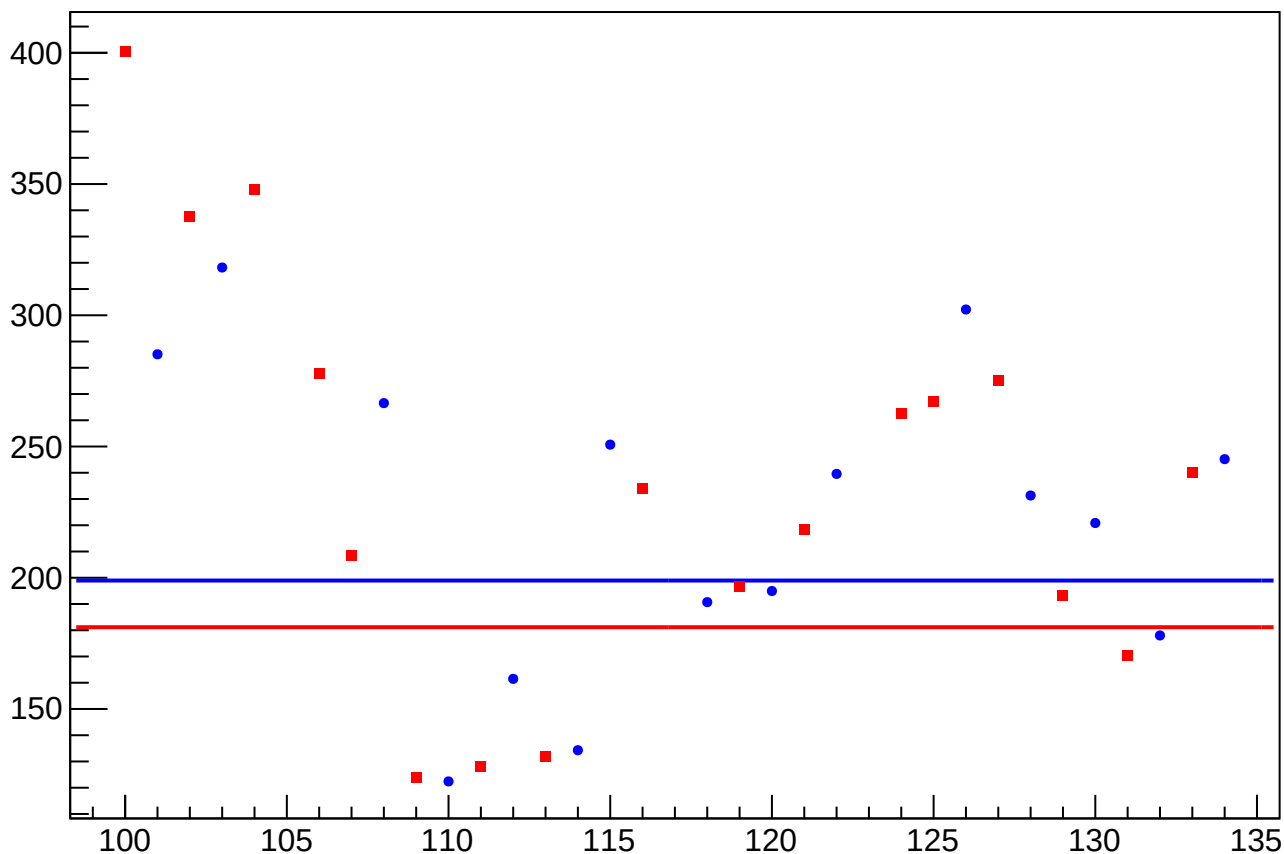
Right: -591.534+/-55.955 χ^2 /NDF: 988.1/31

In: -43.611+/-83.707 χ^2 /NDF:379.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -591.534+/-55.955 χ^2 /NDF: 988.1/31

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 198.937+/-0.059 χ^2/NDF : 912762.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 181.155+/-0.053 χ^2/NDF : 1428791.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

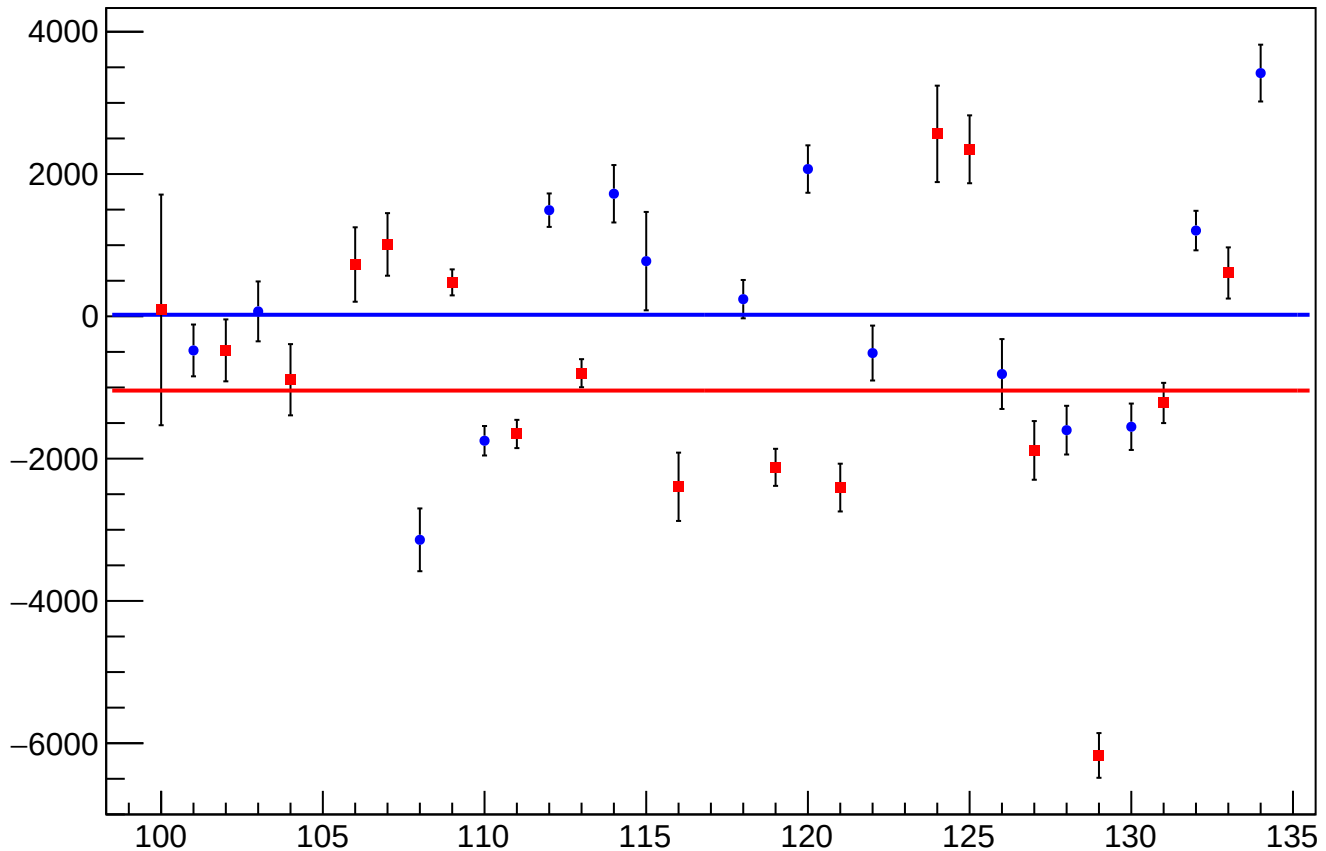
Right: 189.101+/-0.040 χ^2/NDF : 2391480.9/31

In: 198.937+/-0.059 χ^2/NDF :912762.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 189.101+/-0.040 χ^2/NDF : 2391480.9/31

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 21.936+/-84.889 χ^2/NDF : 363.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1043.287+/-76.656 χ^2/NDF : 528.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

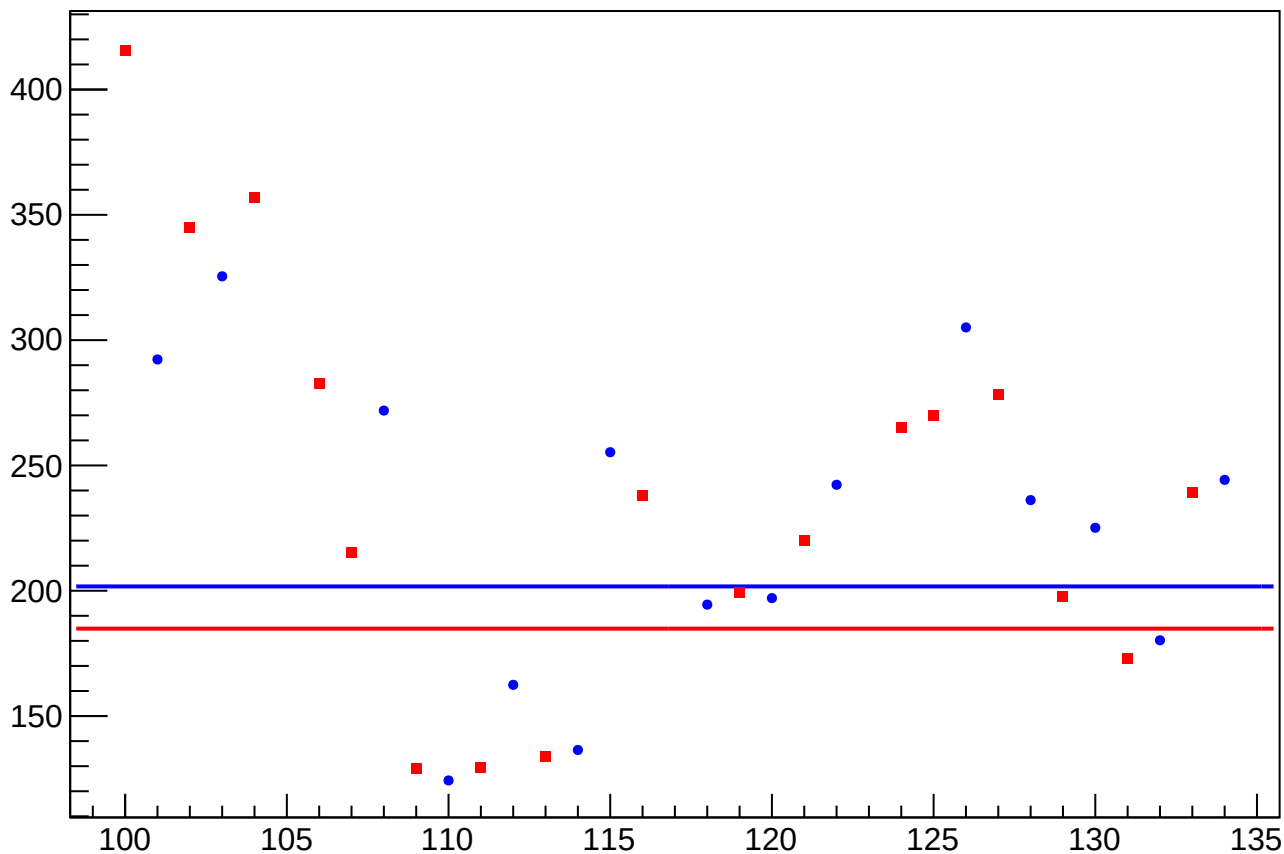
Right: -564.823+/-56.893 χ^2/NDF : 978.8/31

In: 21.936+/-84.889 χ^2/NDF : 363.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -564.823+/-56.893 χ^2/NDF : 978.8/31

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 201.729+/-0.060 χ^2/NDF : 924209.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.888+/-0.054 χ^2/NDF : 1399672.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

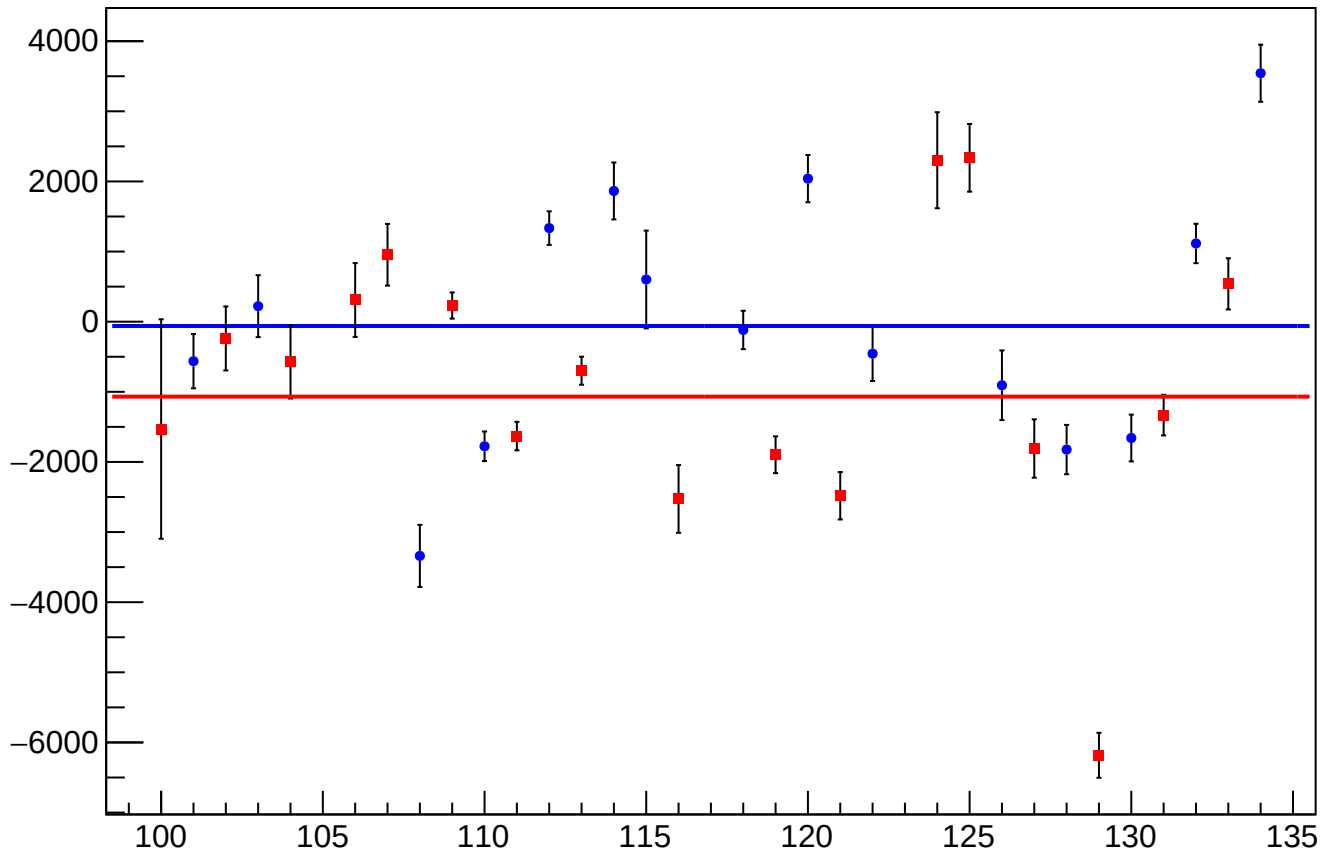
Right: 192.452+/-0.040 χ^2/NDF : 2367239.5/31

In: 201.729+/-0.060 χ^2/NDF : 924209.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.452+/-0.040 χ^2/NDF : 2367239.5/31

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -61.218+/-86.572 χ^2 /NDF: 367.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1069.076+/-77.968 χ^2 /NDF: 479.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

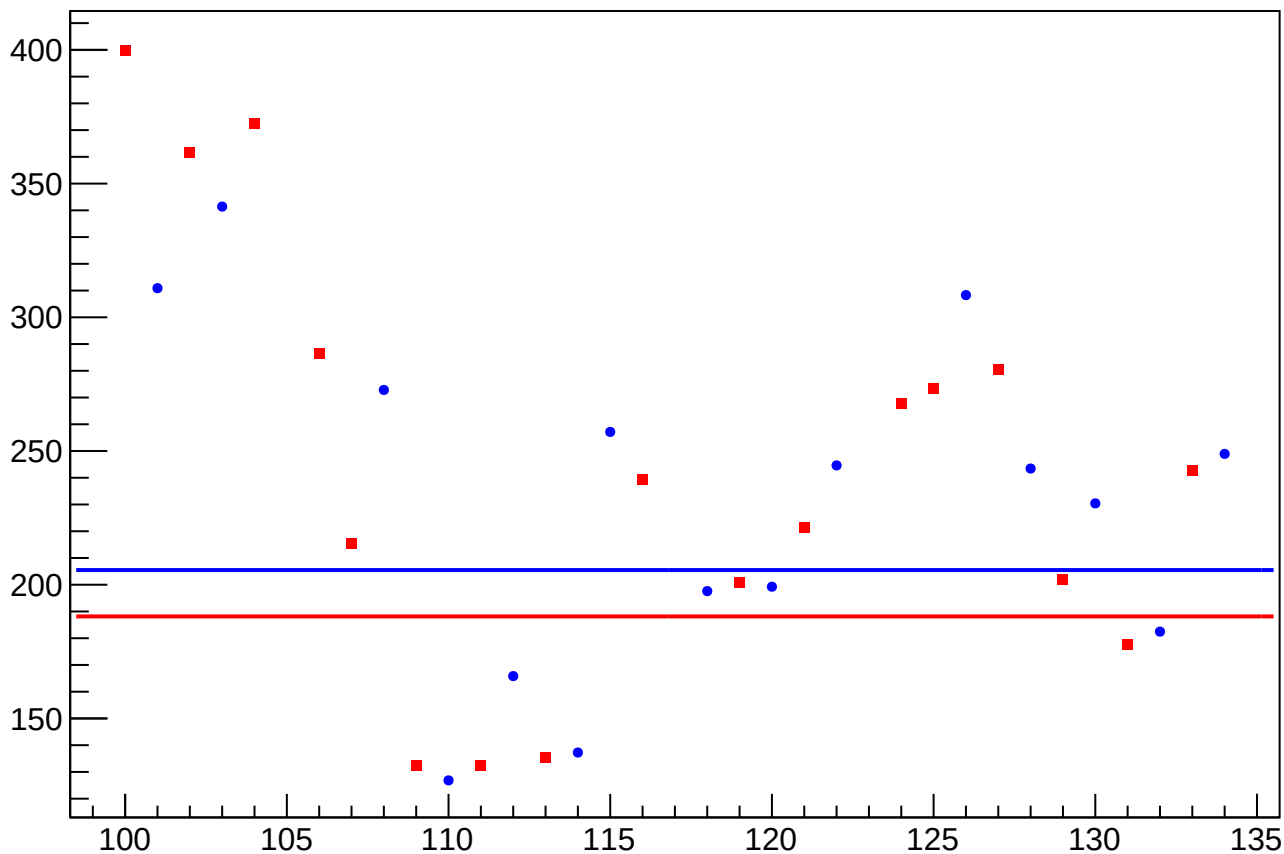
Right: -617.707+/-57.936 χ^2 /NDF: 921.6/31

In: -61.218+/-86.572 χ^2 /NDF:367.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -617.707+/-57.936 χ^2 /NDF: 921.6/31

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 205.483+/-0.061 χ^2/NDF : 962694.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.149+/-0.055 χ^2/NDF : 1406963.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

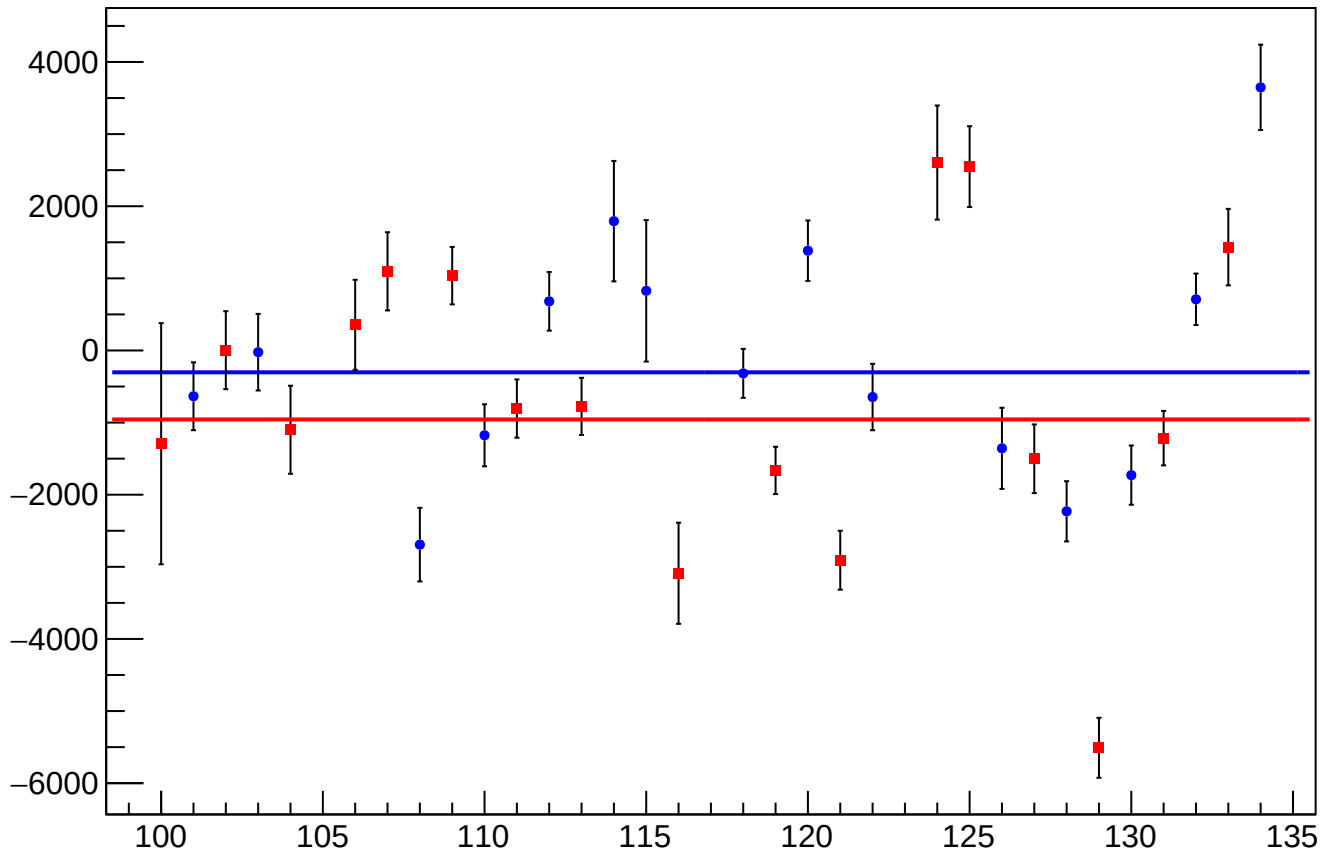
Right: 195.912+/-0.041 χ^2/NDF : 2413931.1/31

In: 205.483+/-0.061 χ^2/NDF : 962694.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.912+/-0.041 χ^2/NDF : 2413931.1/31

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -302.934 ± 119.099 χ^2/NDF : 146.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -956.397 ± 116.169 χ^2/NDF : 285.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

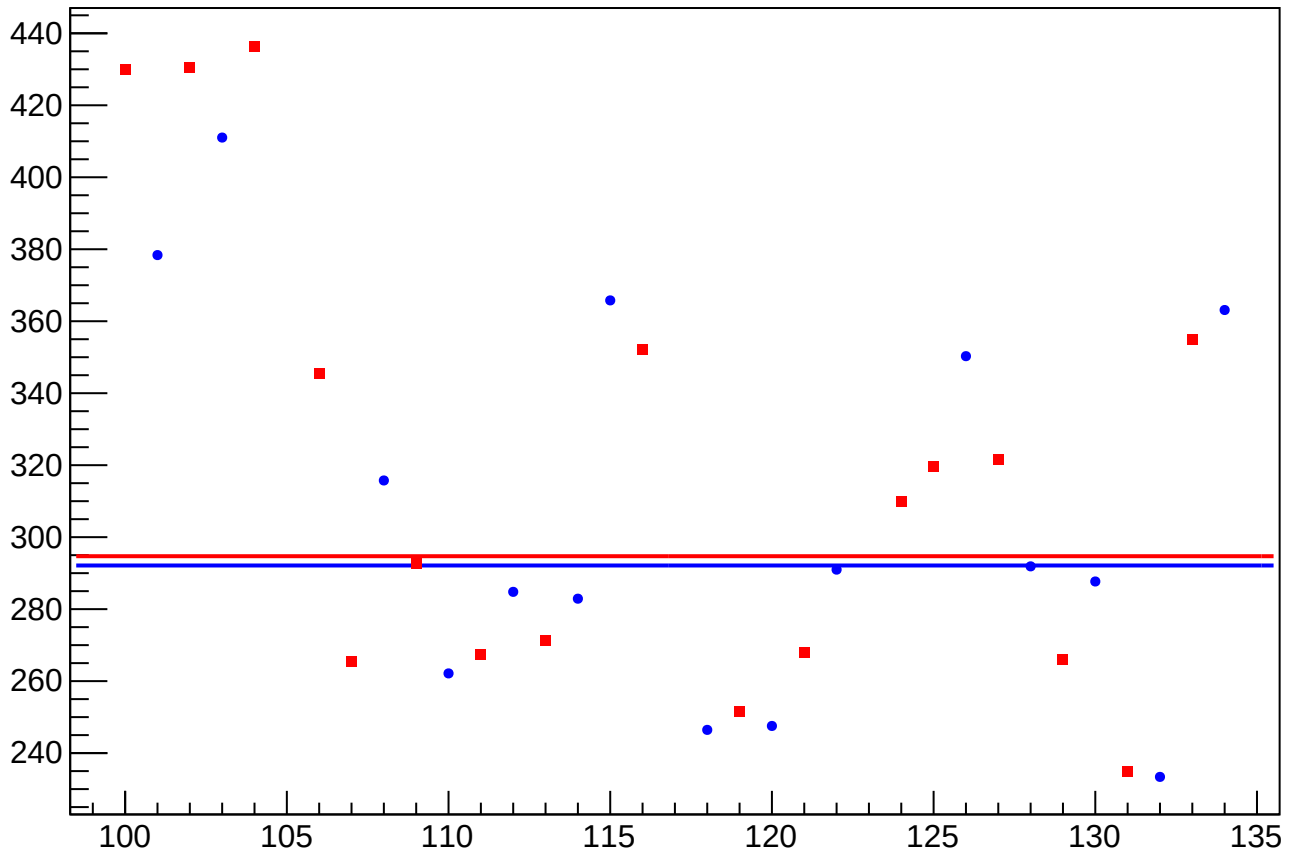
Right: -637.802 ± 83.161 χ^2/NDF : 447.5/31

In: -302.934 ± 119.099 χ^2/NDF : 146.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -637.802 ± 83.161 χ^2/NDF : 447.5/31

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 292.129+/-0.084 χ^2/NDF : 357277.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 294.710+/-0.082 χ^2/NDF : 435327.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

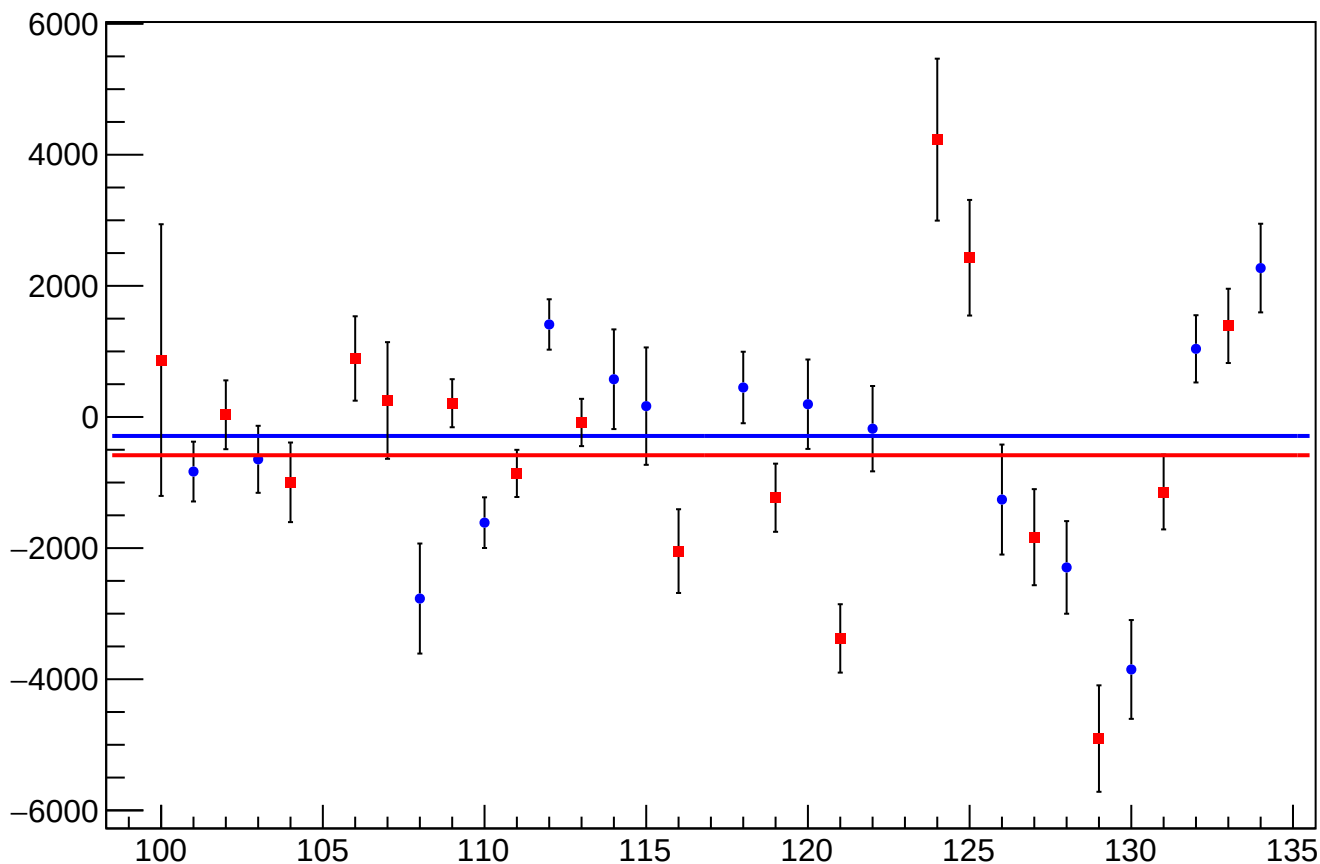
Right: 293.452+/-0.059 χ^2/NDF : 793086.7/31

In: 292.129+/-0.084 χ^2/NDF : 357277.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.452+/-0.059 χ^2/NDF : 793086.7/31

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -289.388+/-148.180 χ^2/NDF : 98.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -583.515+/-135.512 χ^2/NDF : 122.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

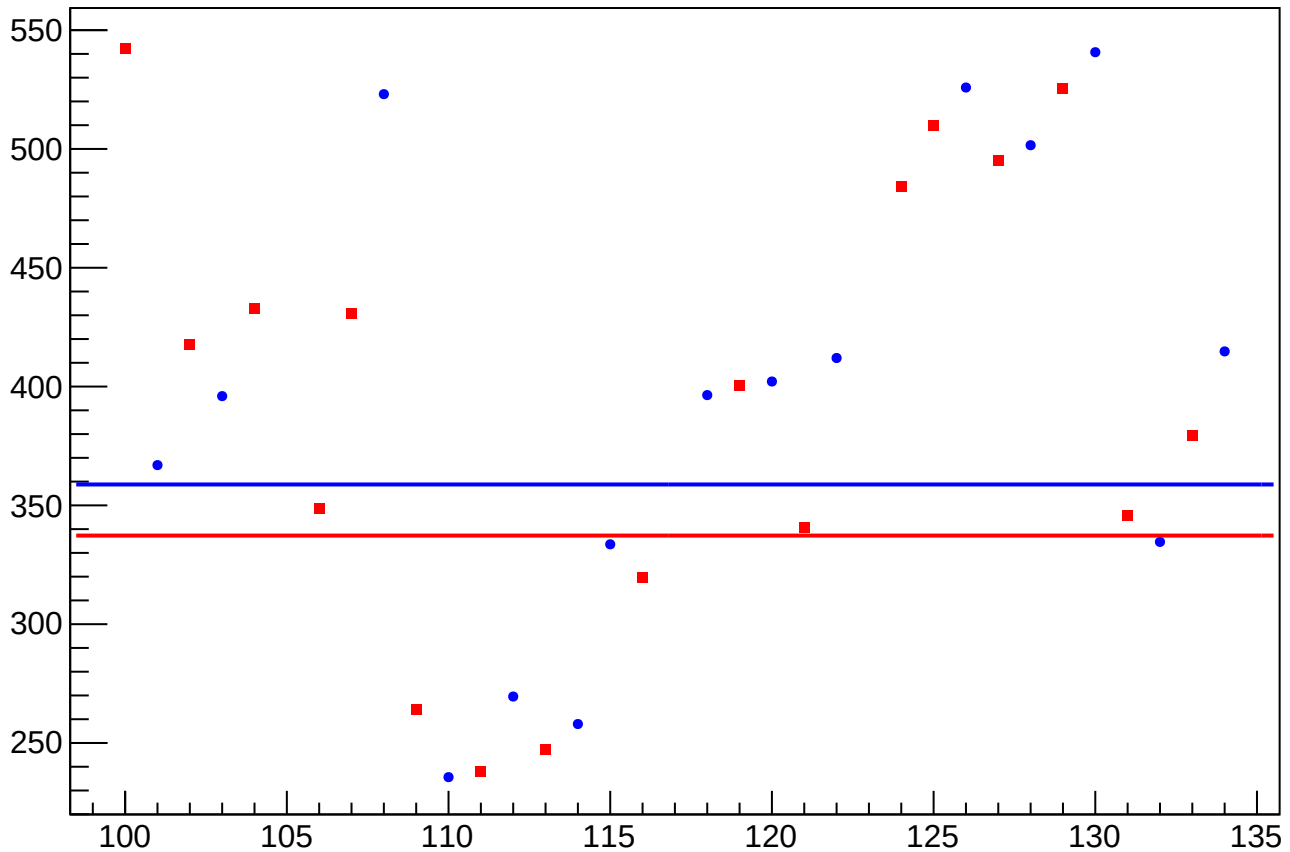
Right: -449.559+/-100.001 χ^2/NDF : 223.1/31

In: -289.388+/-148.180 χ^2/NDF : 98.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.559+/-100.001 χ^2/NDF : 223.1/31

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 358.794+/-0.105 χ^2/NDF : 762202.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.291+/-0.096 χ^2/NDF : 843221.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

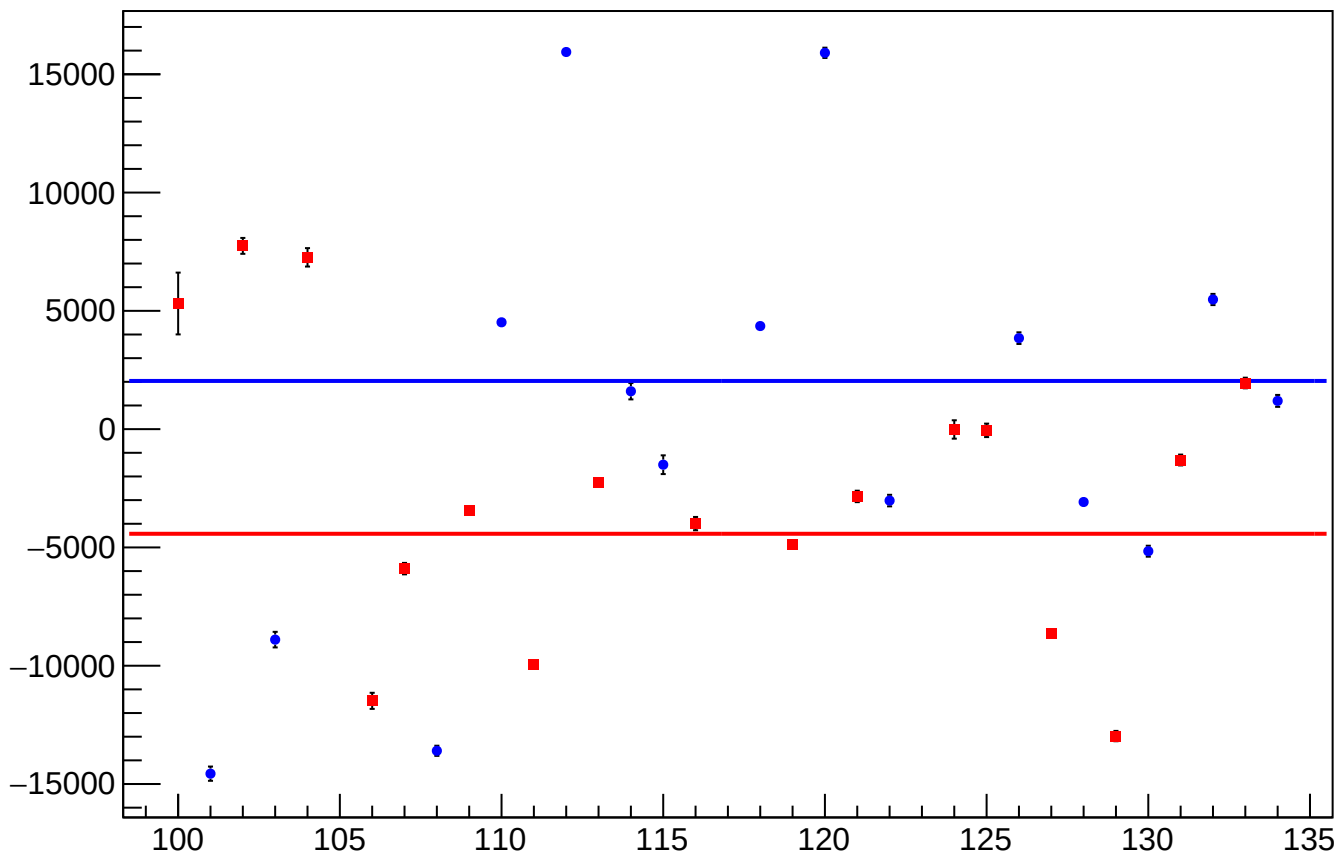
Right: 347.084+/-0.071 χ^2/NDF : 1628358.9/31

In: 358.794+/-0.105 χ^2/NDF : 762202.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.084+/-0.071 χ^2/NDF : 1628358.9/31

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2037.186+/-58.594 χ^2/NDF : 22748.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4423.001+/-55.480 χ^2/NDF : 7575.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

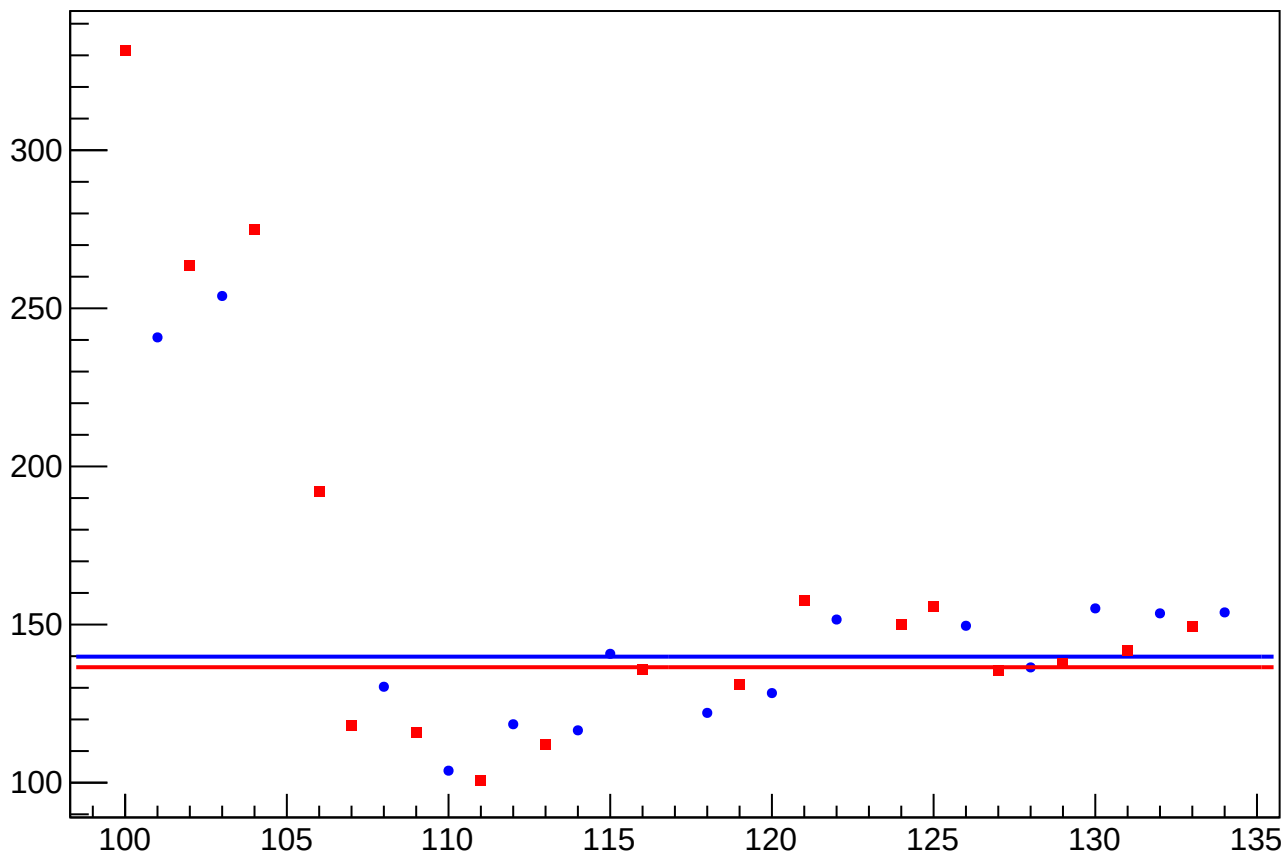
Right: -1369.145+/-40.286 χ^2/NDF : 36733.6/31

In: 2037.186+/-58.594 χ^2/NDF : 22748.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1369.145+/-40.286 χ^2/NDF : 36733.6/31

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 139.854+/-0.041 χ^2/NDF : 652528.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.513+/-0.039 χ^2/NDF : 866000.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

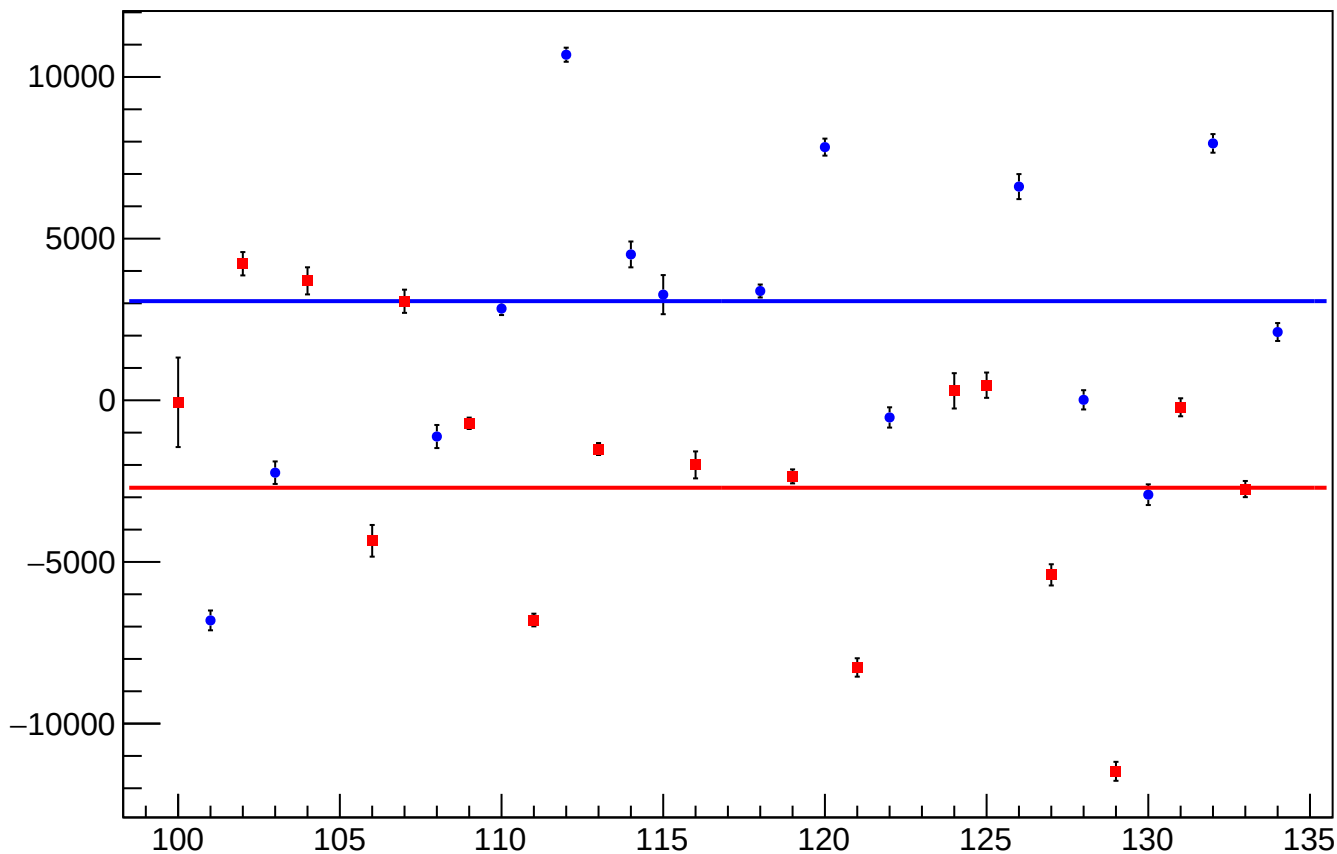
Right: 138.093+/-0.028 χ^2/NDF : 1521958.0/31

In: 139.854+/-0.041 χ^2/NDF : 652528.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.093+/-0.028 χ^2/NDF : 1521958.0/31

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3066.704+/-73.760 χ^2/NDF : 3942.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2704.904+/-68.598 χ^2/NDF : 3004.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

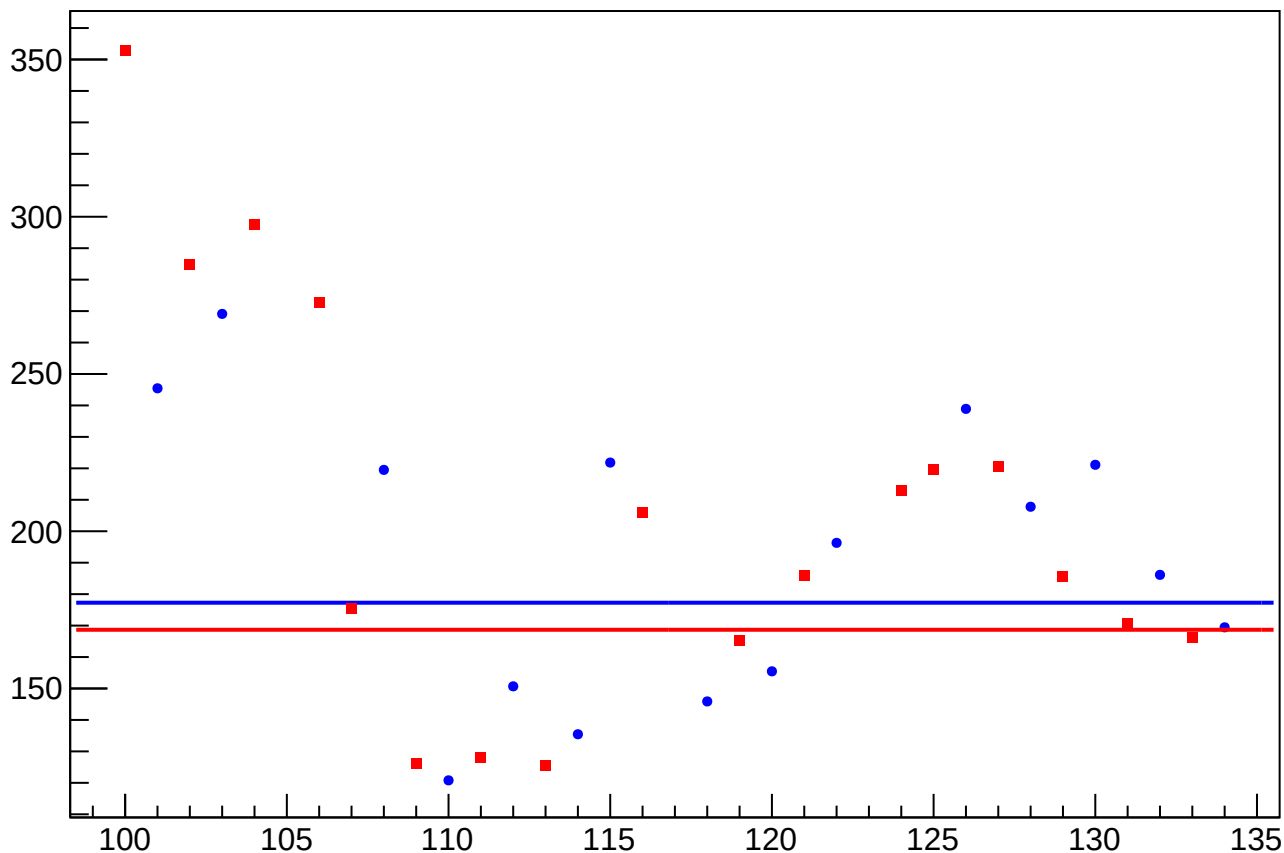
Right: -28.101+/-50.232 χ^2/NDF : 10230.2/31

In: 3066.704+/-73.760 χ^2/NDF :3942.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -28.101+/-50.232 χ^2/NDF : 10230.2/31

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.276+/-0.052 χ^2/NDF : 669607.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.672+/-0.049 χ^2/NDF : 963388.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

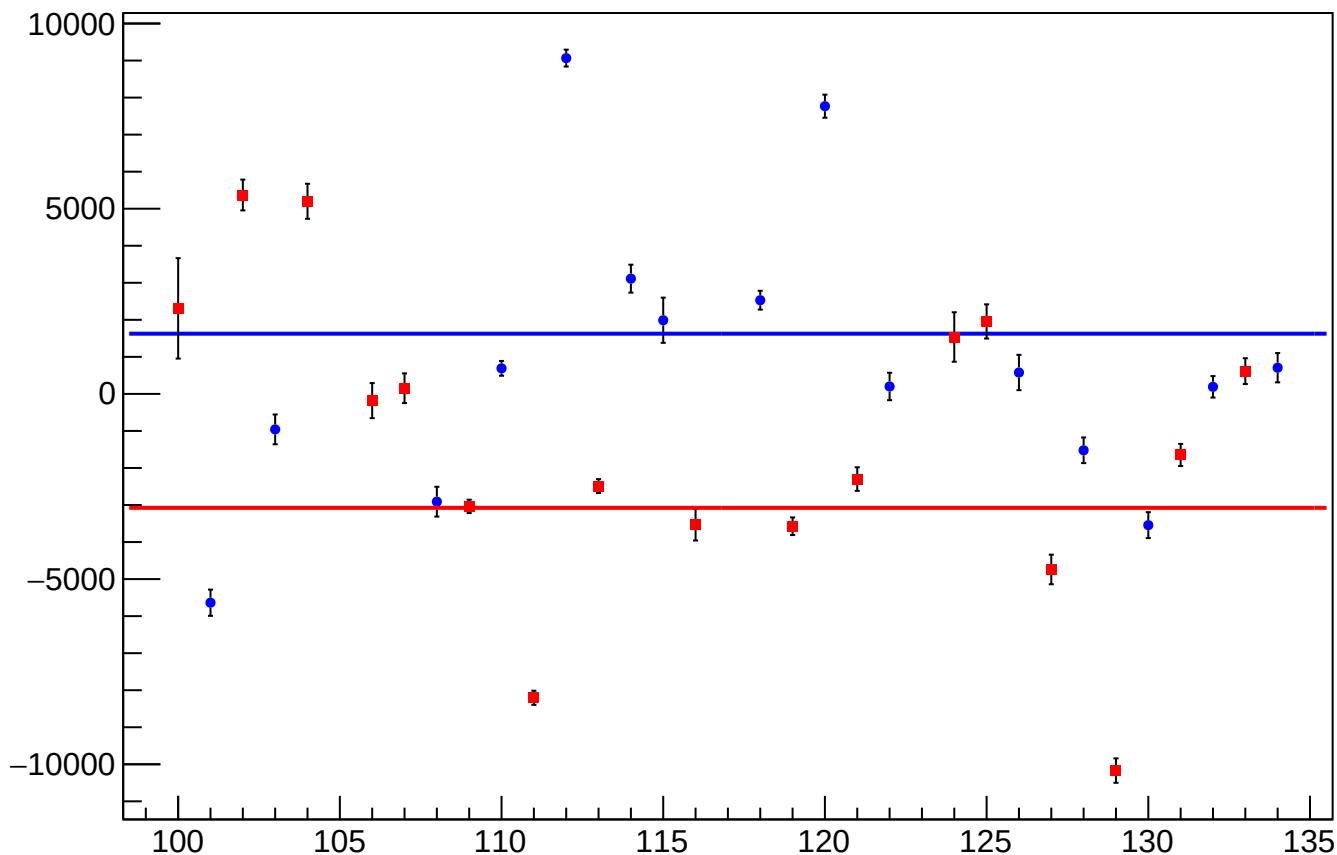
Right: 172.662+/-0.036 χ^2/NDF : 1647587.9/31

In: 177.276+/-0.052 χ^2/NDF : 669607.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.662+/-0.036 χ^2/NDF : 1647587.9/31

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1625.747+/-82.570 χ^2/NDF : 2442.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3075.662+/-73.953 χ^2/NDF : 2360.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

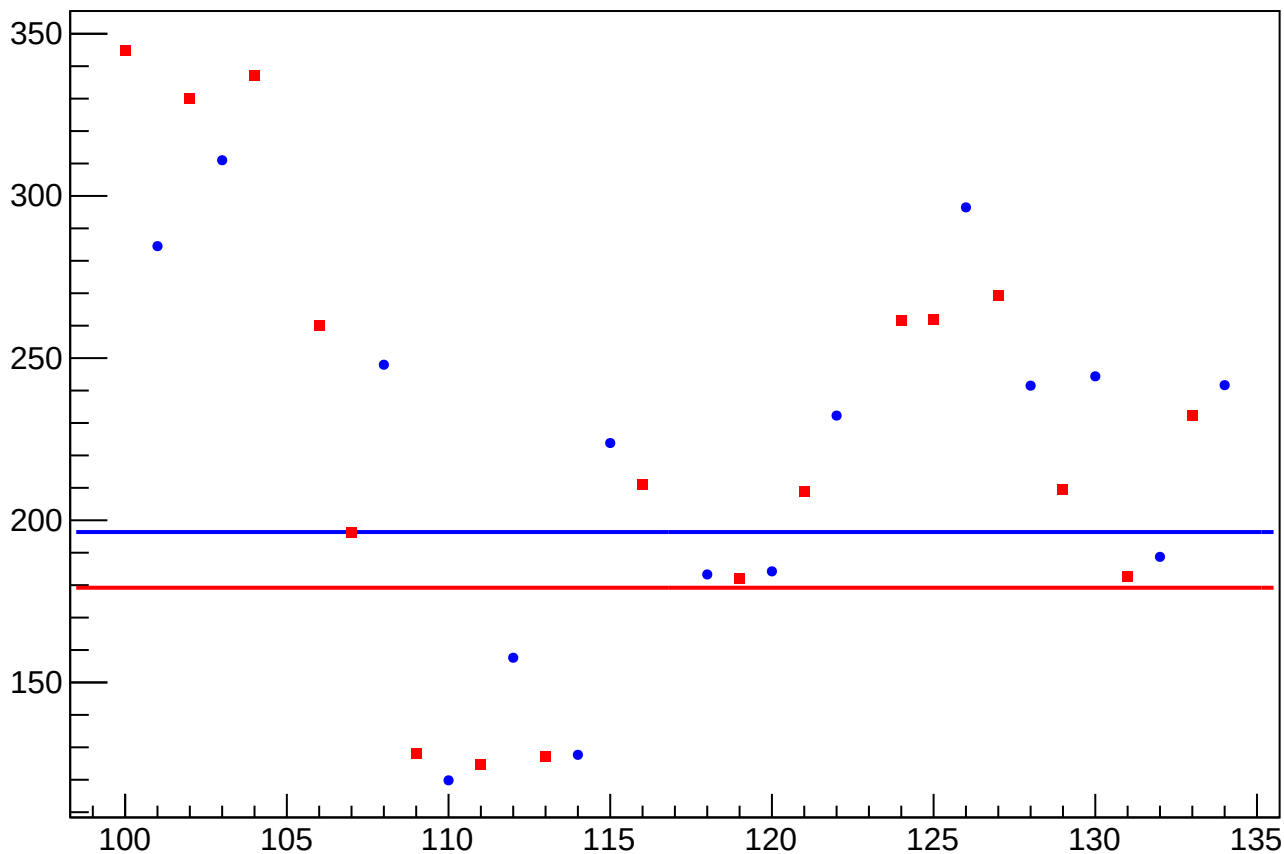
Right: -982.999+/-55.088 χ^2/NDF : 6602.4/31

In: 1625.747+/-82.570 χ^2/NDF :2442.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -982.999+/-55.088 χ^2/NDF : 6602.4/31

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 196.376+/-0.058 χ^2/NDF : 955487.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.207+/-0.052 χ^2/NDF : 1344311.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

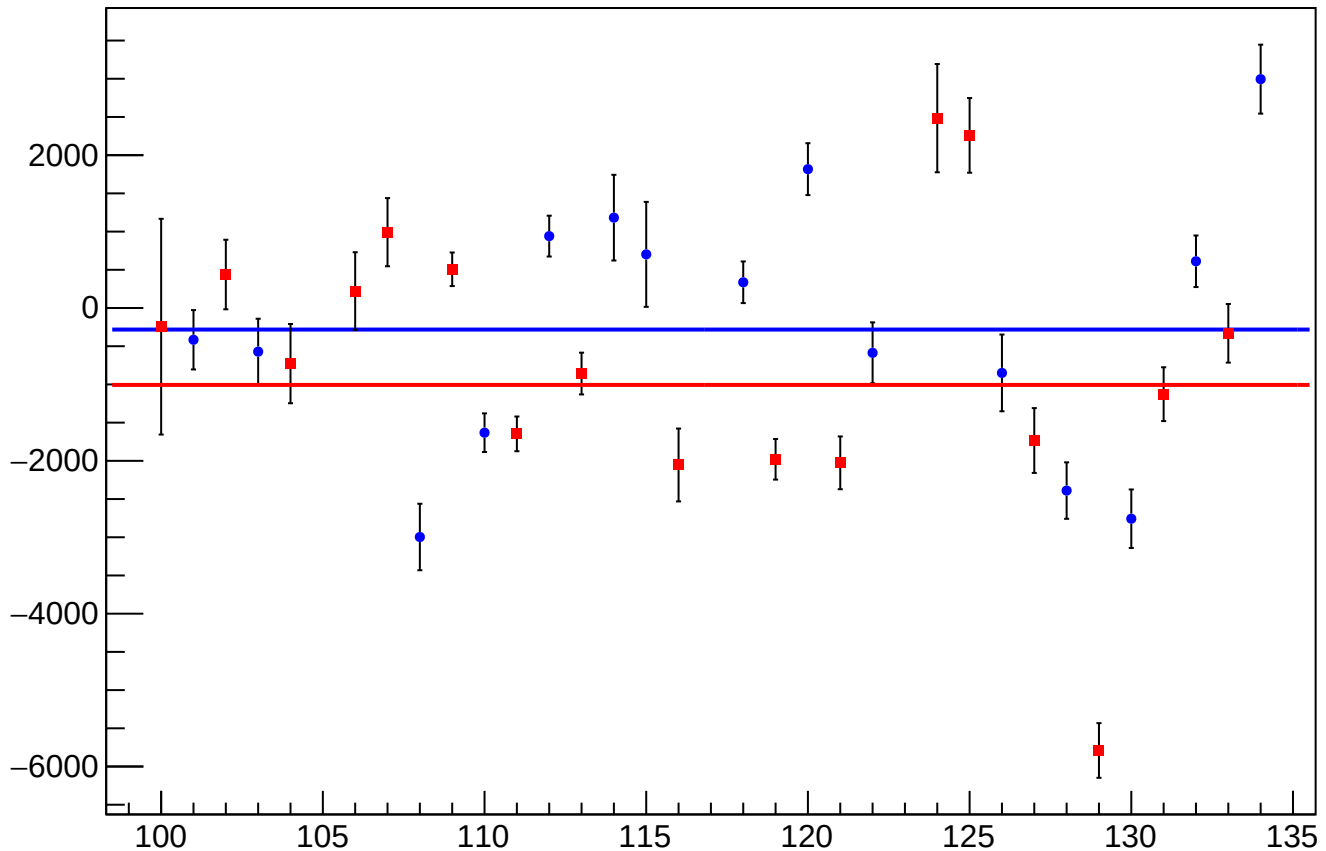
Right: 186.849+/-0.039 χ^2/NDF : 2347784.2/31

In: 196.376+/-0.058 χ^2/NDF : 955487.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.849+/-0.039 χ^2/NDF : 2347784.2/31

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -282.009+/-94.280 χ^2/NDF : 277.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1006.486+/-86.765 χ^2/NDF : 373.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

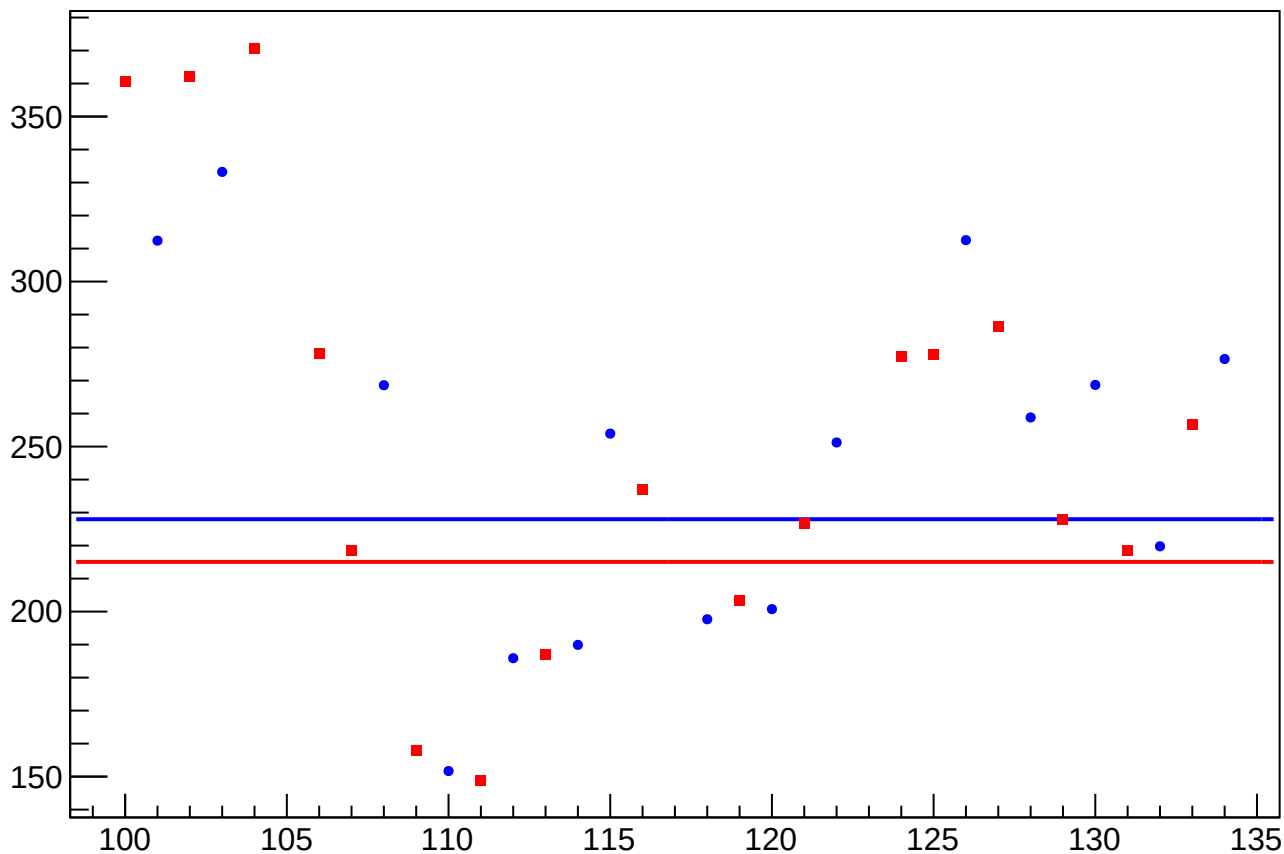
Right: -674.271+/-63.844 χ^2/NDF : 682.3/31

In: -282.009+/-94.280 χ^2/NDF :277.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -674.271+/-63.844 χ^2/NDF : 682.3/31

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 227.989+/-0.067 χ^2/NDF : 637290.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 215.056+/-0.061 χ^2/NDF : 907898.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

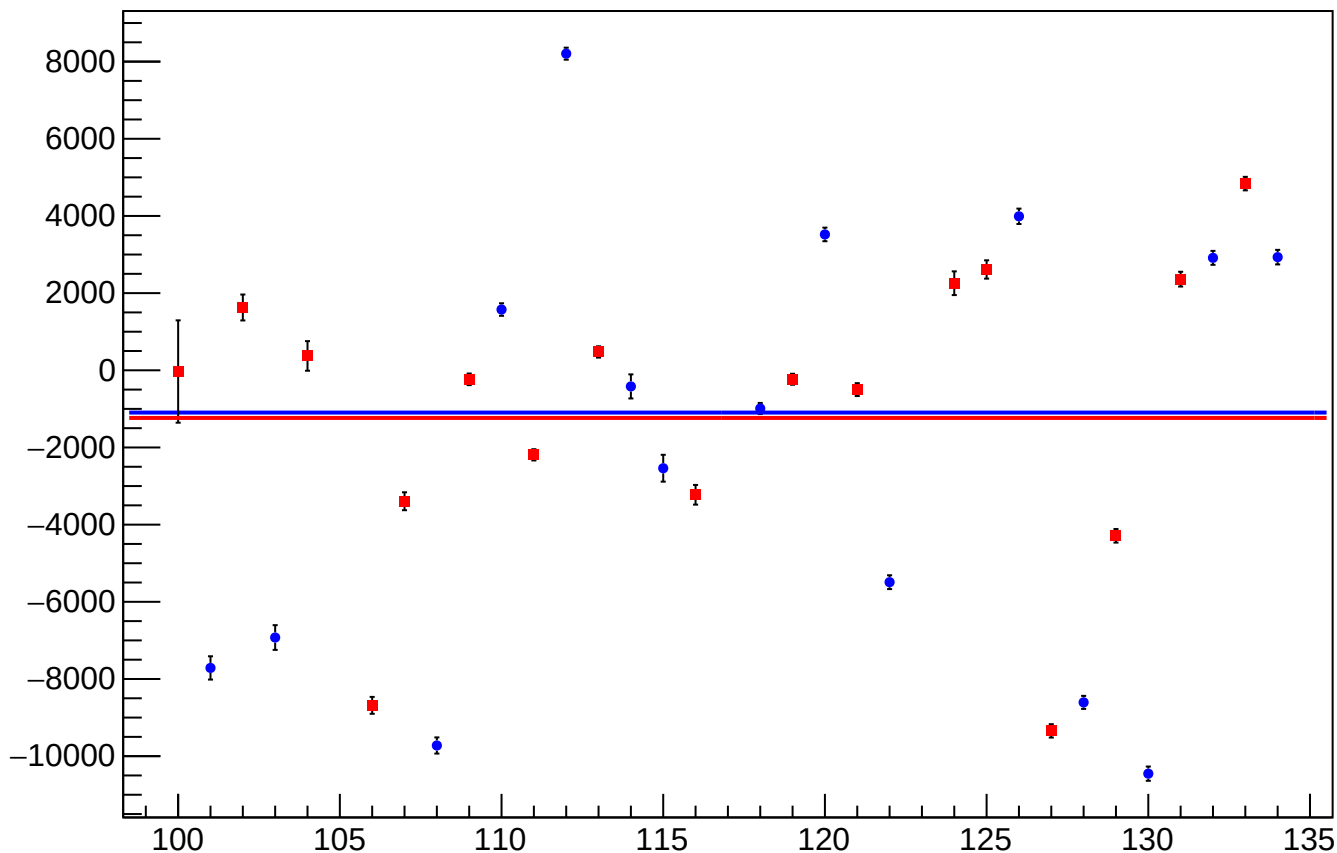
Right: 220.986+/-0.045 χ^2/NDF : 1565563.7/31

In: 227.989+/-0.067 χ^2/NDF :637290.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 220.986+/-0.045 χ^2/NDF : 1565563.7/31

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1095.559+/-49.942 χ^2/NDF : 13799.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1234.268+/-47.236 χ^2/NDF : 6128.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

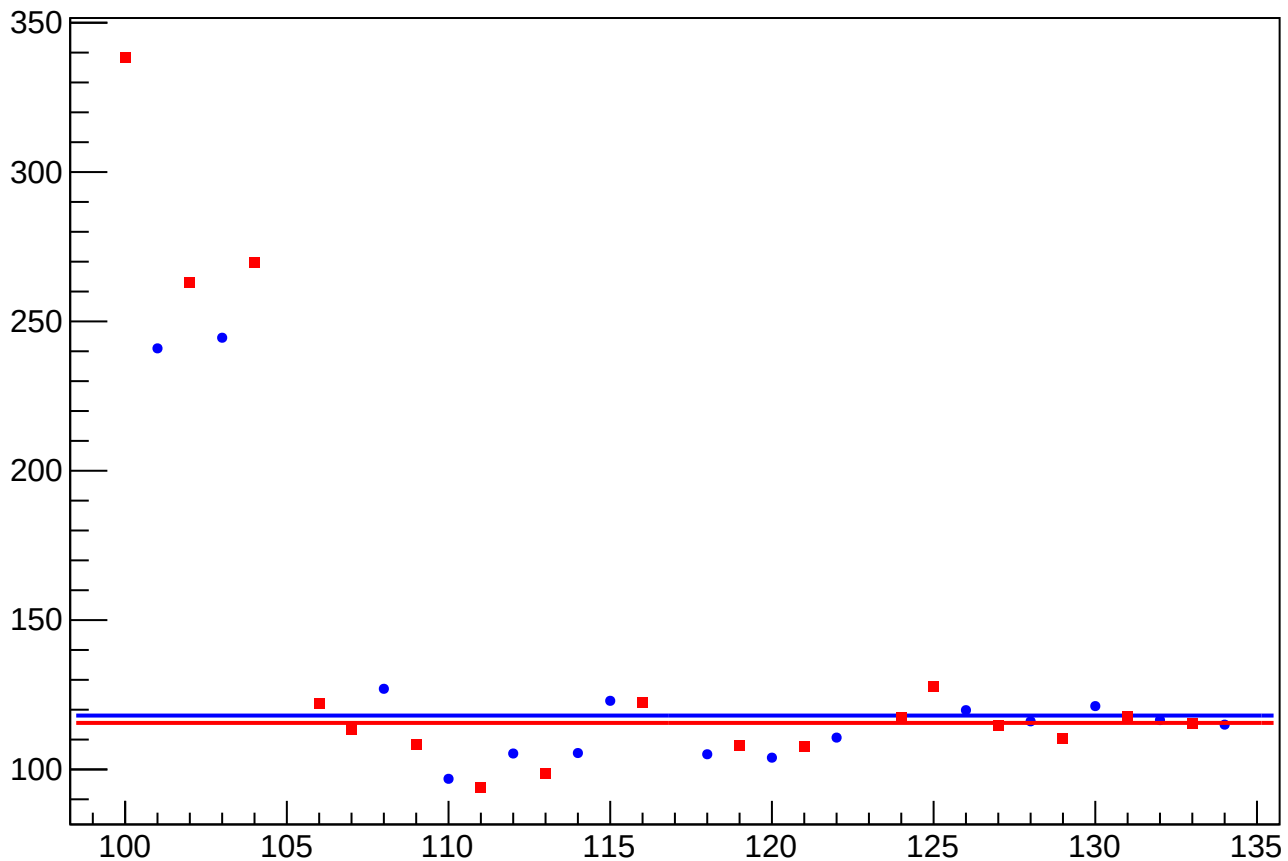
Right: -1168.773+/-34.318 χ^2/NDF : 19932.5/31

In: -1095.559+/-49.942 χ^2/NDF :13799.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1168.773+/-34.318 χ^2/NDF : 19932.5/31

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.040 $\pm$ 0.035 χ^2 /NDF: 732173.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.577 $\pm$ 0.033 χ^2 /NDF: 862458.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

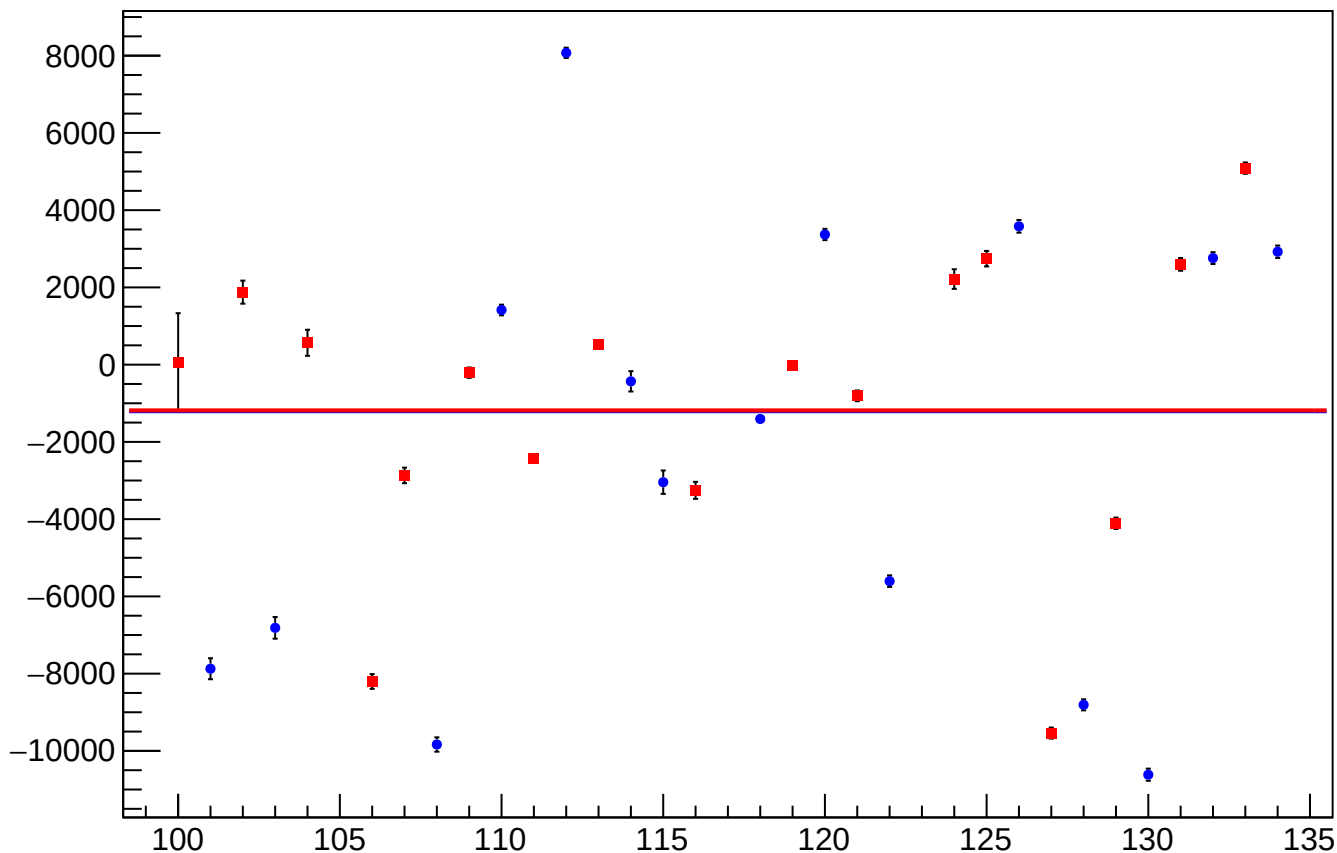
Right: 116.740 $\pm$ 0.024 χ^2 /NDF: 1597198.7/31

In: 118.040 $\pm$ 0.035 χ^2 /NDF:732173.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.740 $\pm$ 0.024 χ^2 /NDF: 1597198.7/31

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1205.953 ± 42.388 $\chi^2/\text{NDF}: 18798.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1183.658 ± 40.089 $\chi^2/\text{NDF}: 8796.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

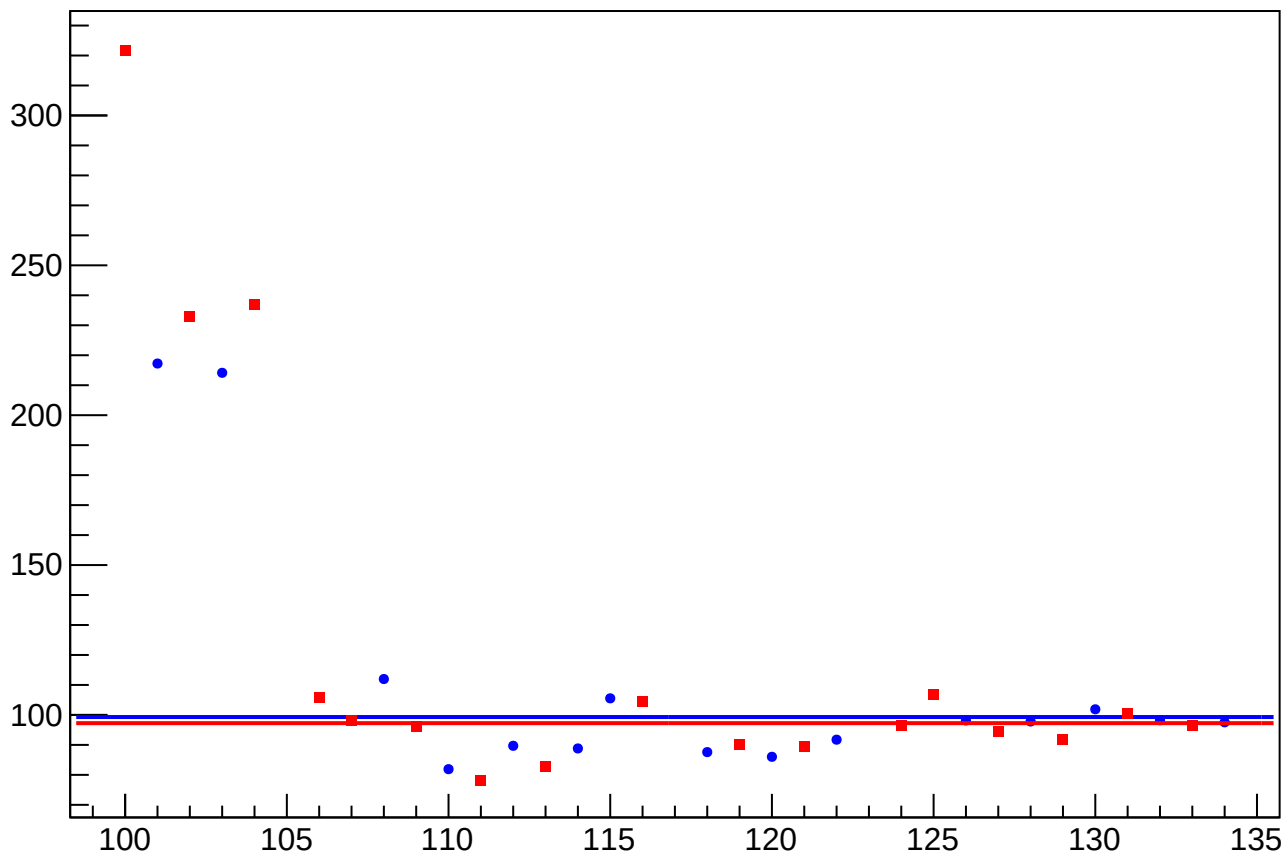
Right: -1194.184 ± 29.126 $\chi^2/\text{NDF}: 27594.9/31$

In: -1205.953 ± 42.388 $\chi^2/\text{NDF}: 18798.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1194.184 ± 29.126 $\chi^2/\text{NDF}: 27594.9/31$

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.294+/-0.030 χ^2/NDF : 807110.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.256+/-0.028 χ^2/NDF : 924292.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

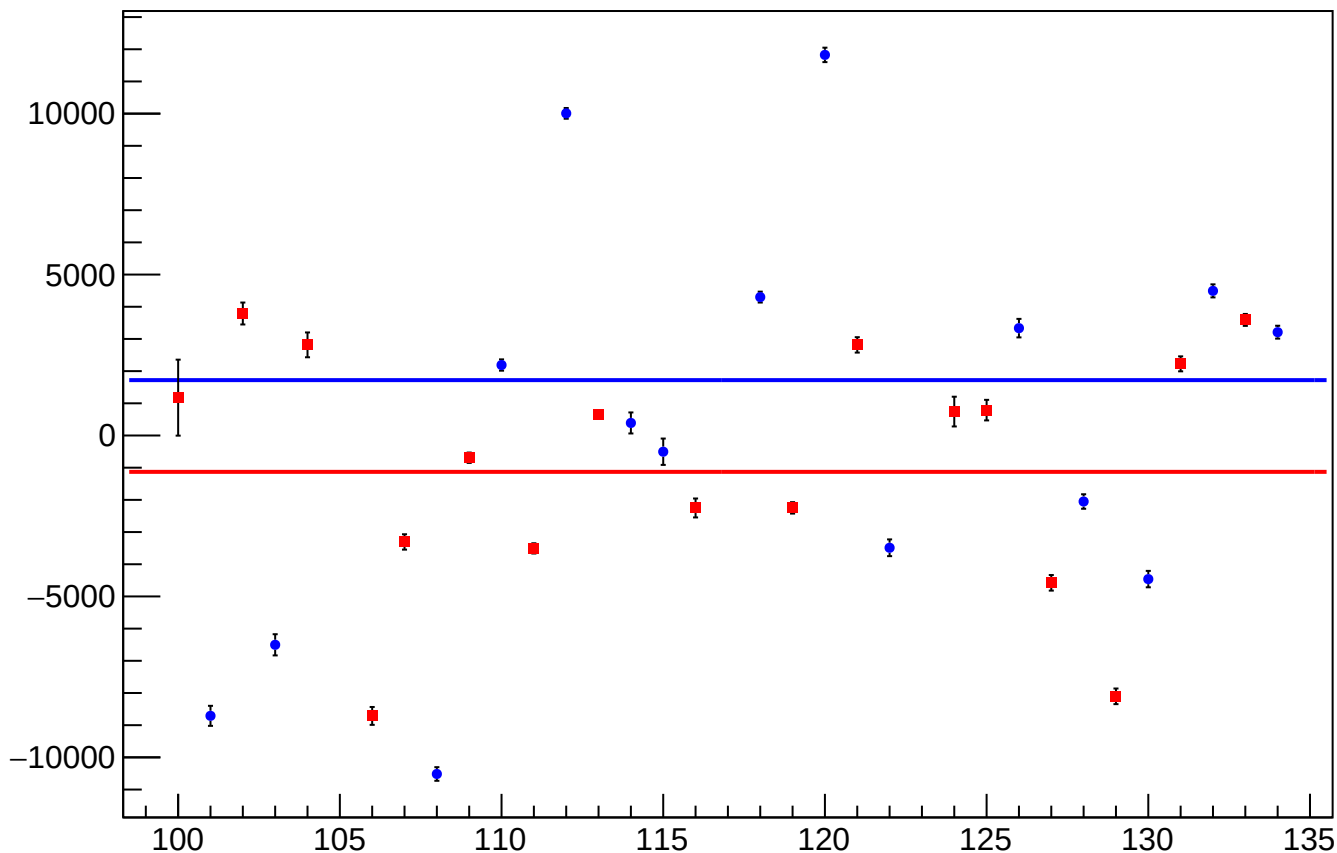
Right: 98.218+/-0.021 χ^2/NDF : 1733842.2/31

In: 99.294+/-0.030 χ^2/NDF :807110.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.218+/-0.021 χ^2/NDF : 1733842.2/31

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1720.317+/-58.561 χ^2/NDF : 11407.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1129.470+/-55.682 χ^2/NDF : 3771.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

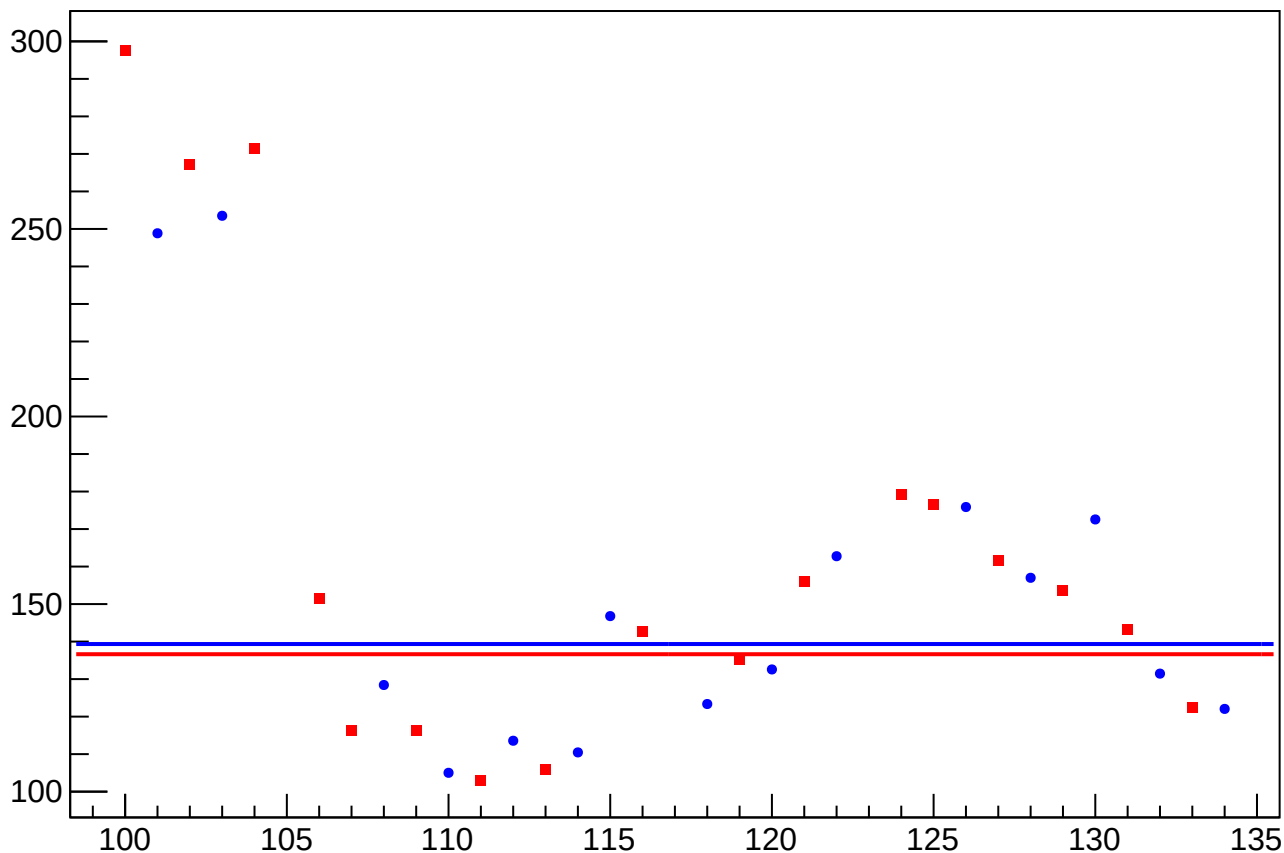
Right: 223.657+/-40.352 χ^2/NDF : 16422.4/31

In: 1720.317+/-58.561 χ^2/NDF : 11407.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.657+/-40.352 χ^2/NDF : 16422.4/31

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 139.349+/-0.041 χ^2/NDF : 766047.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.636+/-0.039 χ^2/NDF : 898953.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

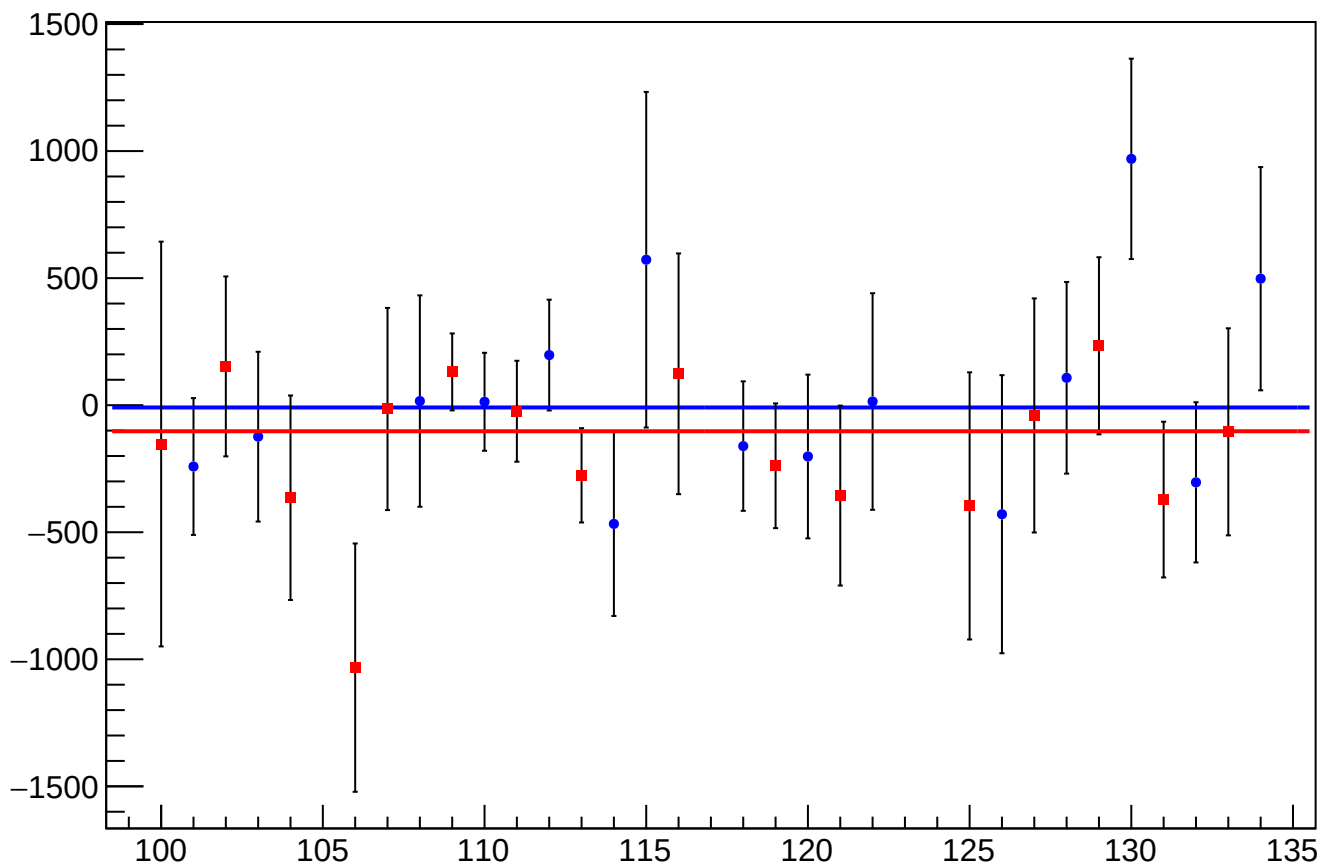
Right: 137.924+/-0.029 χ^2/NDF : 1667254.8/31

In: 139.349+/-0.041 χ^2/NDF : 766047.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.924+/-0.029 χ^2/NDF : 1667254.8/31

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -9.012 ± 81.927 $\chi^2/\text{NDF}: 13.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.631 ± 73.219 $\chi^2/\text{NDF}: 11.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

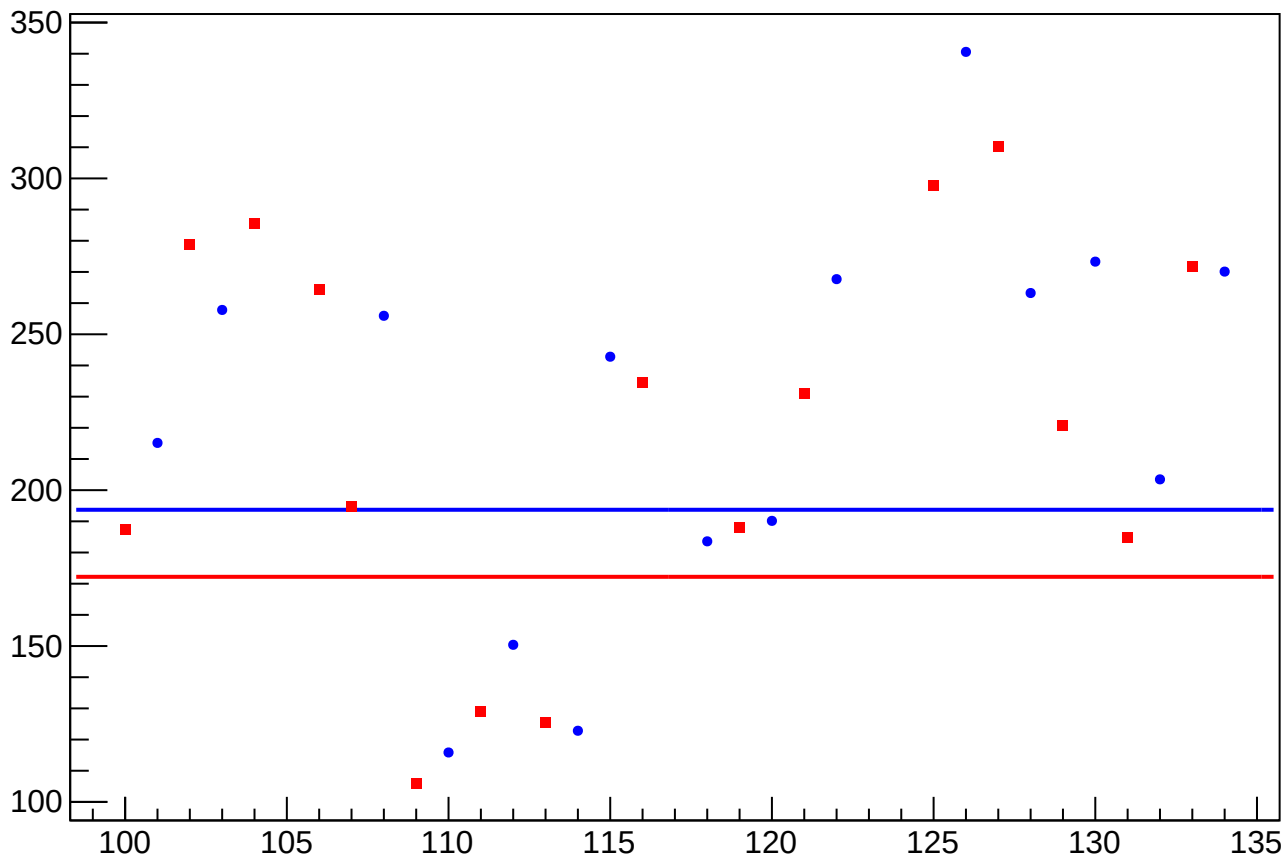
Right: -61.060 ± 54.594 $\chi^2/\text{NDF}: 25.7/30$

In: -9.012 ± 81.927 $\chi^2/\text{NDF}: 13.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.060 ± 54.594 $\chi^2/\text{NDF}: 25.7/30$

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 193.711+/-0.058 χ^2/NDF : 1043379.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.205+/-0.052 χ^2/NDF : 1576987.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

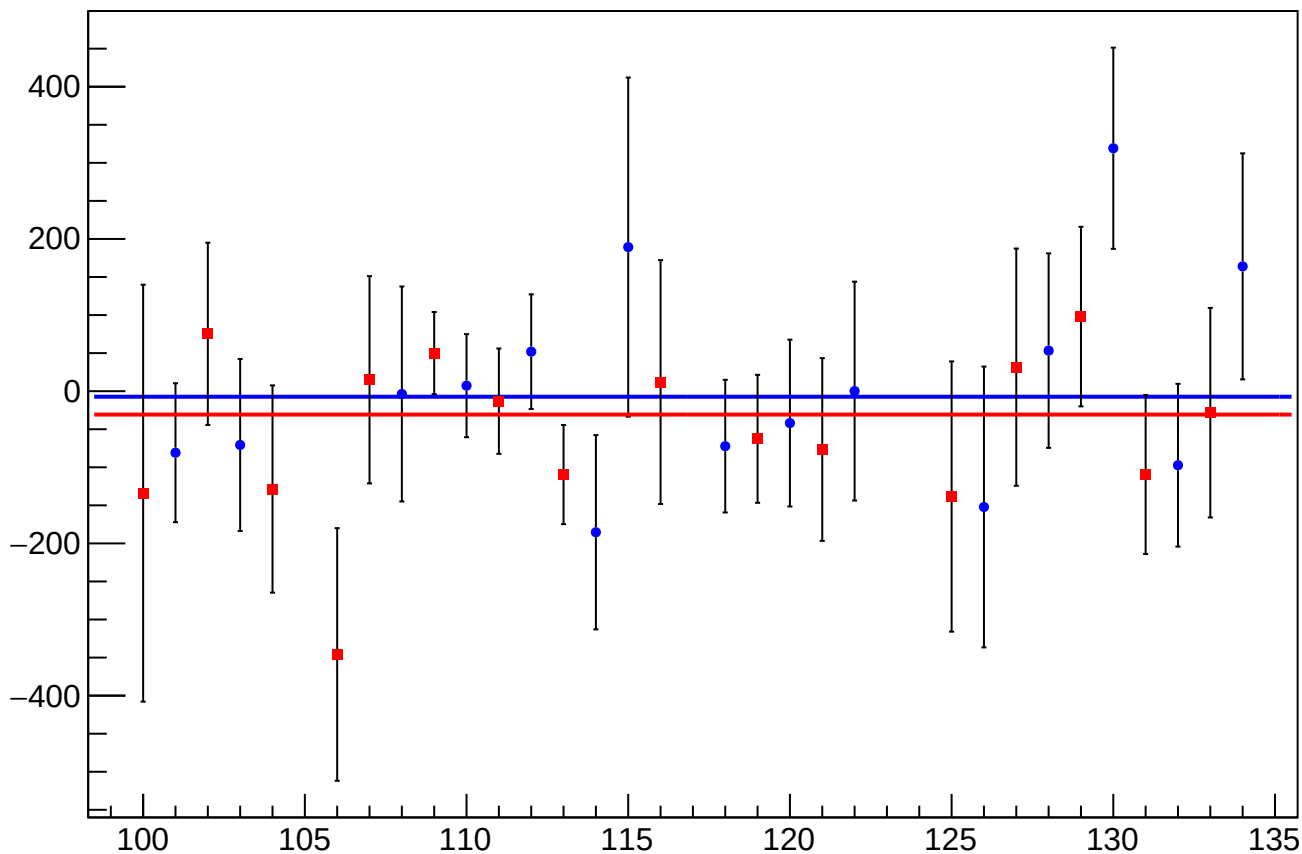
Right: 181.755+/-0.039 χ^2/NDF : 2696984.4/30

In: 193.711+/-0.058 χ^2/NDF : 1043379.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.755+/-0.039 χ^2/NDF : 2696984.4/30

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.293 ± 28.080 $\chi^2/\text{NDF}: 14.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.716 ± 25.357 $\chi^2/\text{NDF}: 11.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

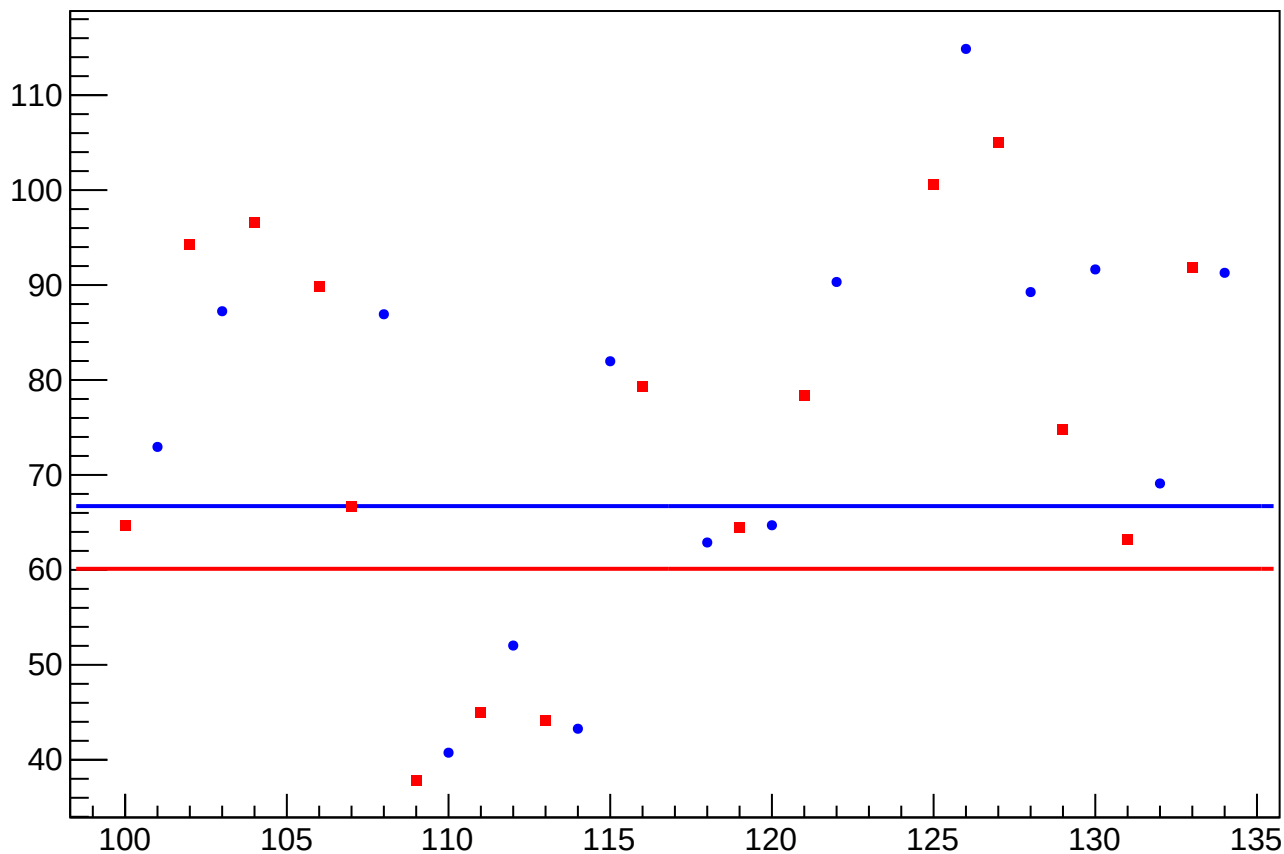
Right: -20.195 ± 18.819 $\chi^2/\text{NDF}: 26.0/30$

In: -7.293 ± 28.080 $\chi^2/\text{NDF}: 14.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.195 ± 18.819 $\chi^2/\text{NDF}: 26.0/30$

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 66.718+/-0.020 χ^2/NDF : 947039.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.115+/-0.018 χ^2/NDF : 1424035.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

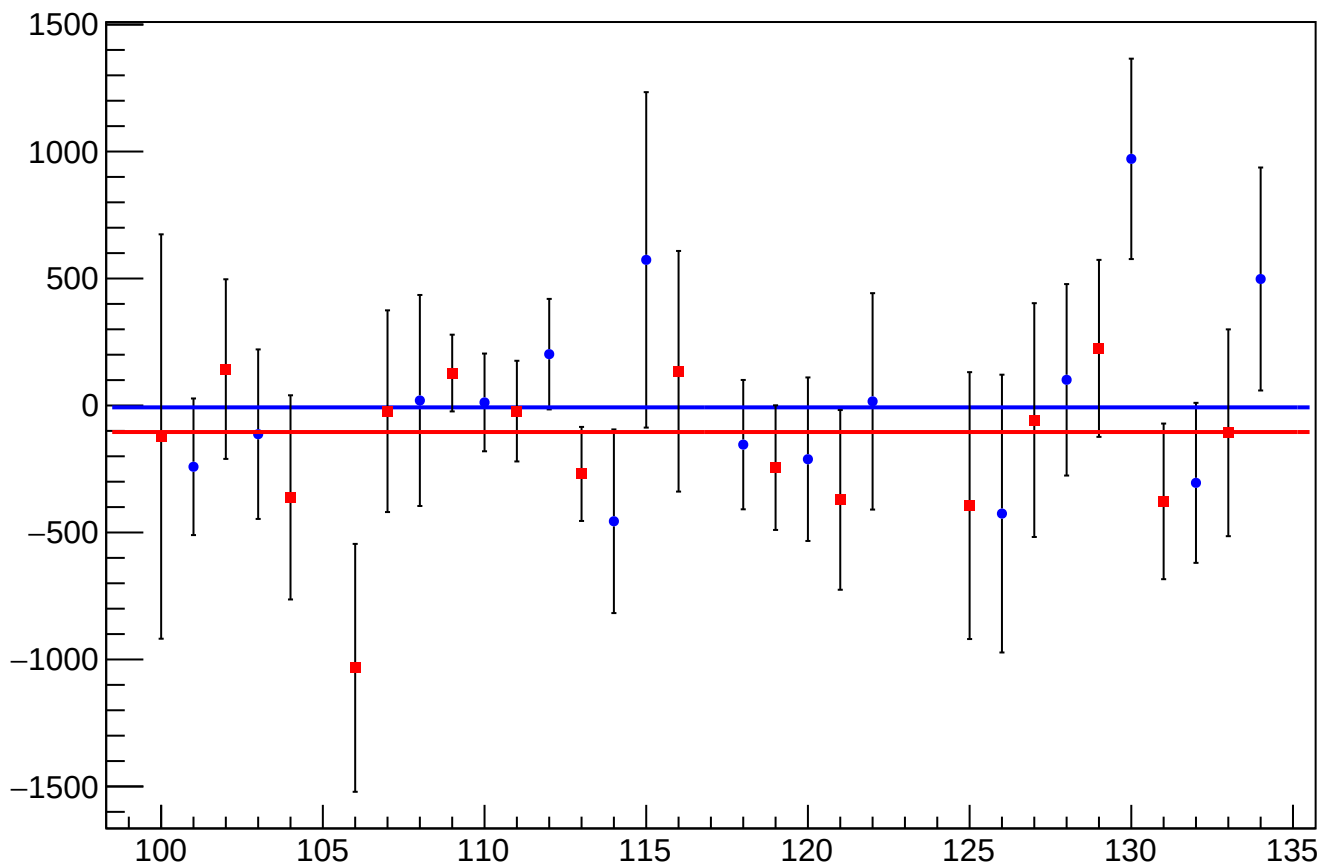
Right: 63.081+/-0.013 χ^2/NDF : 2431993.6/30

In: 66.718+/-0.020 χ^2/NDF : 947039.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.081+/-0.013 χ^2/NDF : 2431993.6/30

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -7.299 ± 81.834 $\chi^2/\text{NDF}: 13.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -104.433 ± 73.113 $\chi^2/\text{NDF}: 11.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

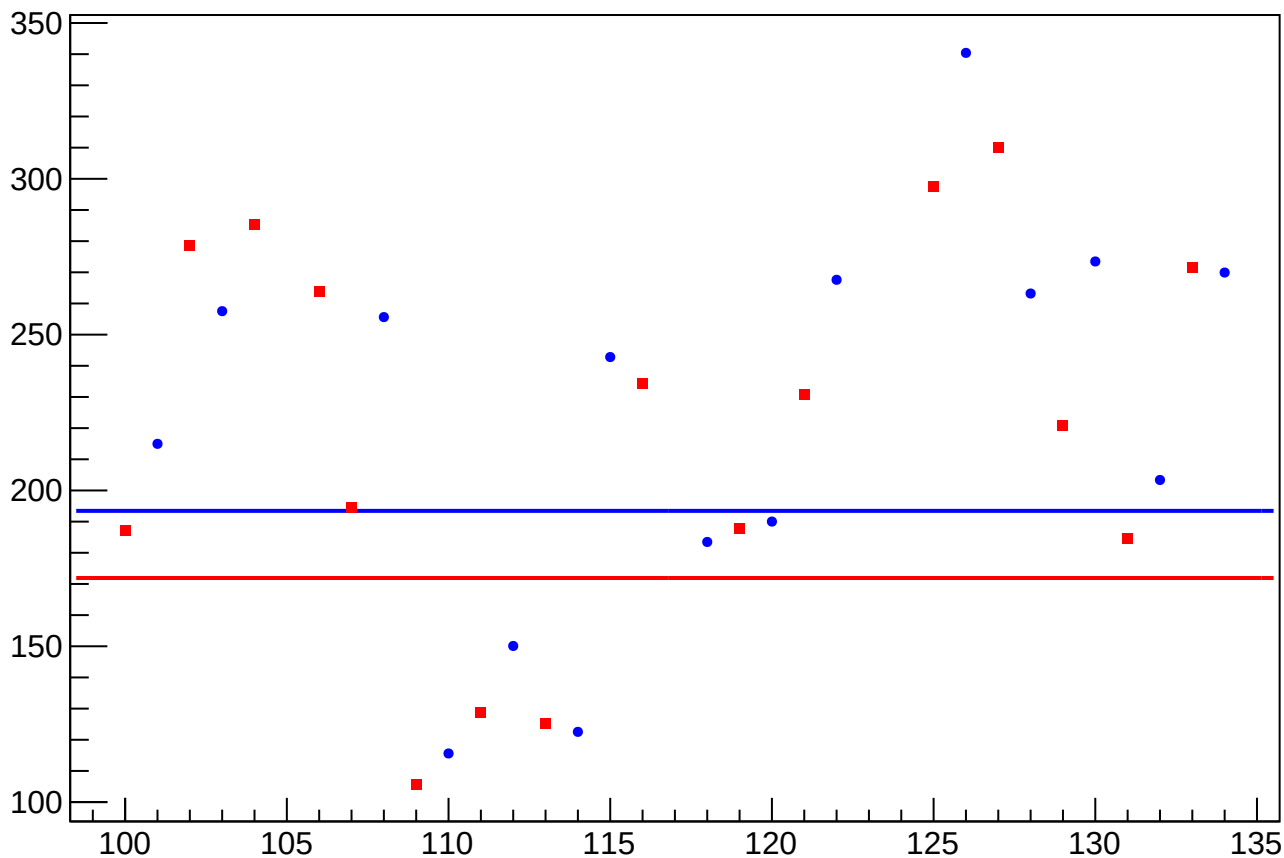
Right: -61.316 ± 54.522 $\chi^2/\text{NDF}: 25.7/30$

In: -7.299 ± 81.834 $\chi^2/\text{NDF}: 13.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.316 ± 54.522 $\chi^2/\text{NDF}: 25.7/30$

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 193.452+/-0.058 χ^2/NDF : 1047871.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.910+/-0.052 χ^2/NDF : 1582577.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

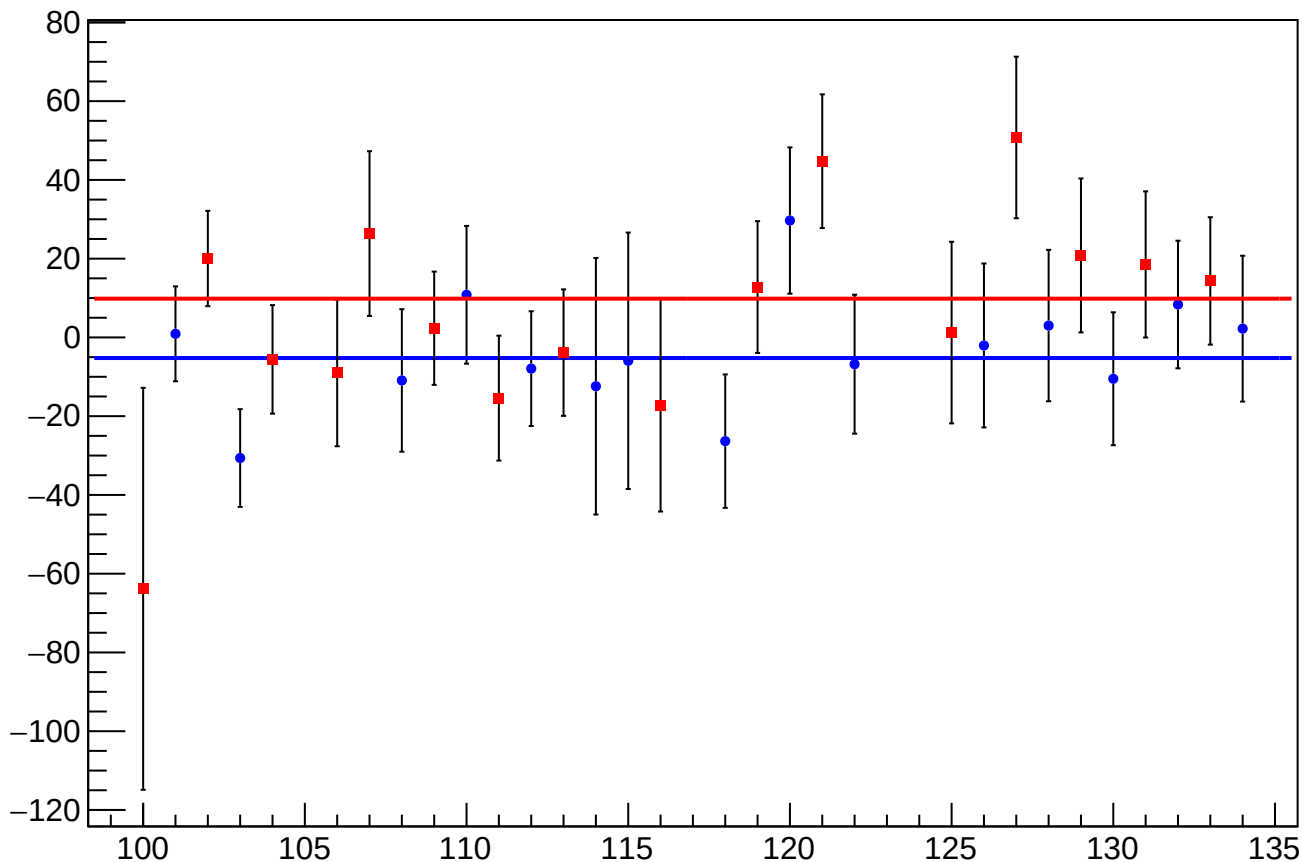
Right: 181.472+/-0.039 χ^2/NDF : 2707523.9/30

In: 193.452+/-0.058 χ^2/NDF : 1047871.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.472+/-0.039 χ^2/NDF : 2707523.9/30

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.234+/-4.422 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 9.848+/-4.370 χ^2/NDF : 19.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

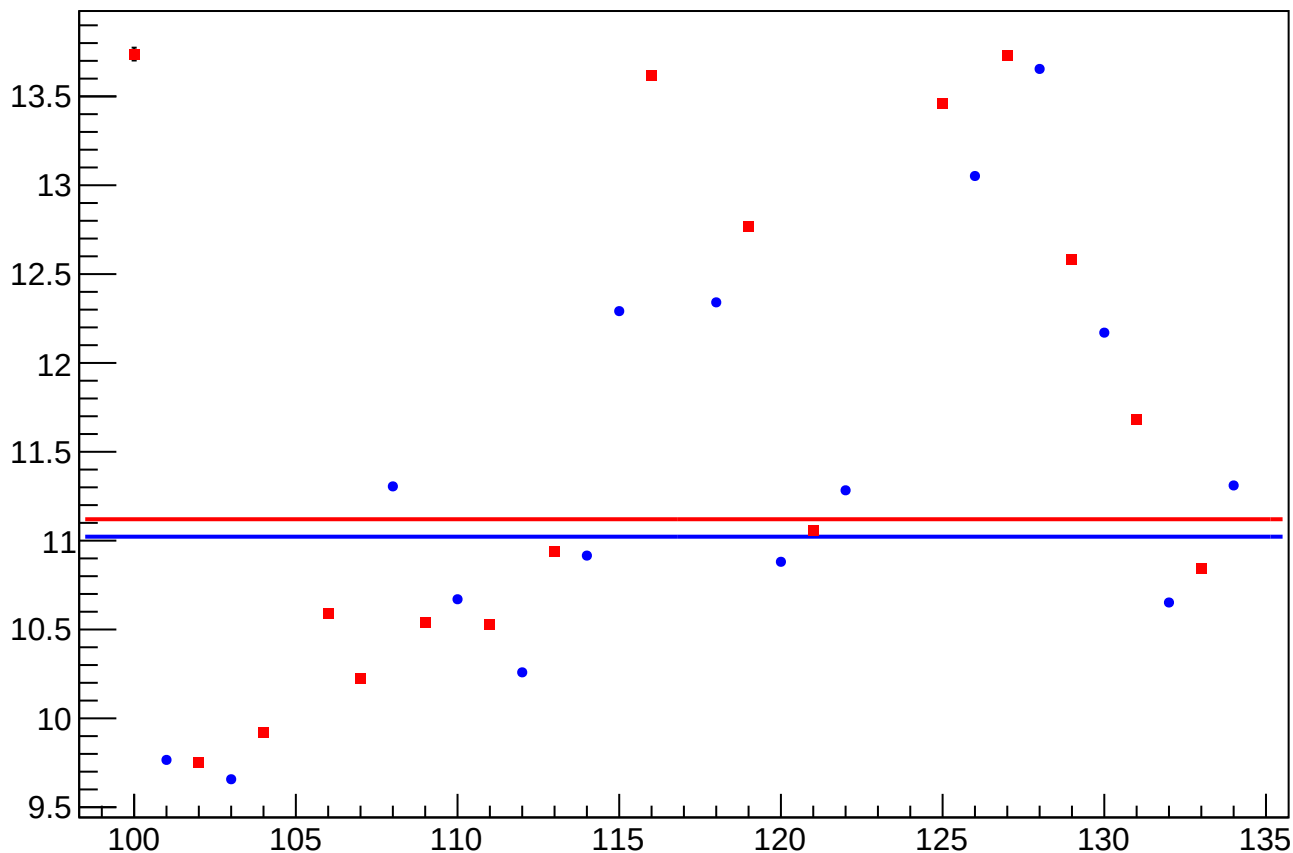
Right: 2.396+/-3.109 χ^2/NDF : 36.9/30

In: -5.234+/-4.422 χ^2/NDF :11.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.396+/-3.109 χ^2/NDF : 36.9/30

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 11.022+/-0.003 χ^2/NDF : 135724.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.120+/-0.003 χ^2/NDF : 160732.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

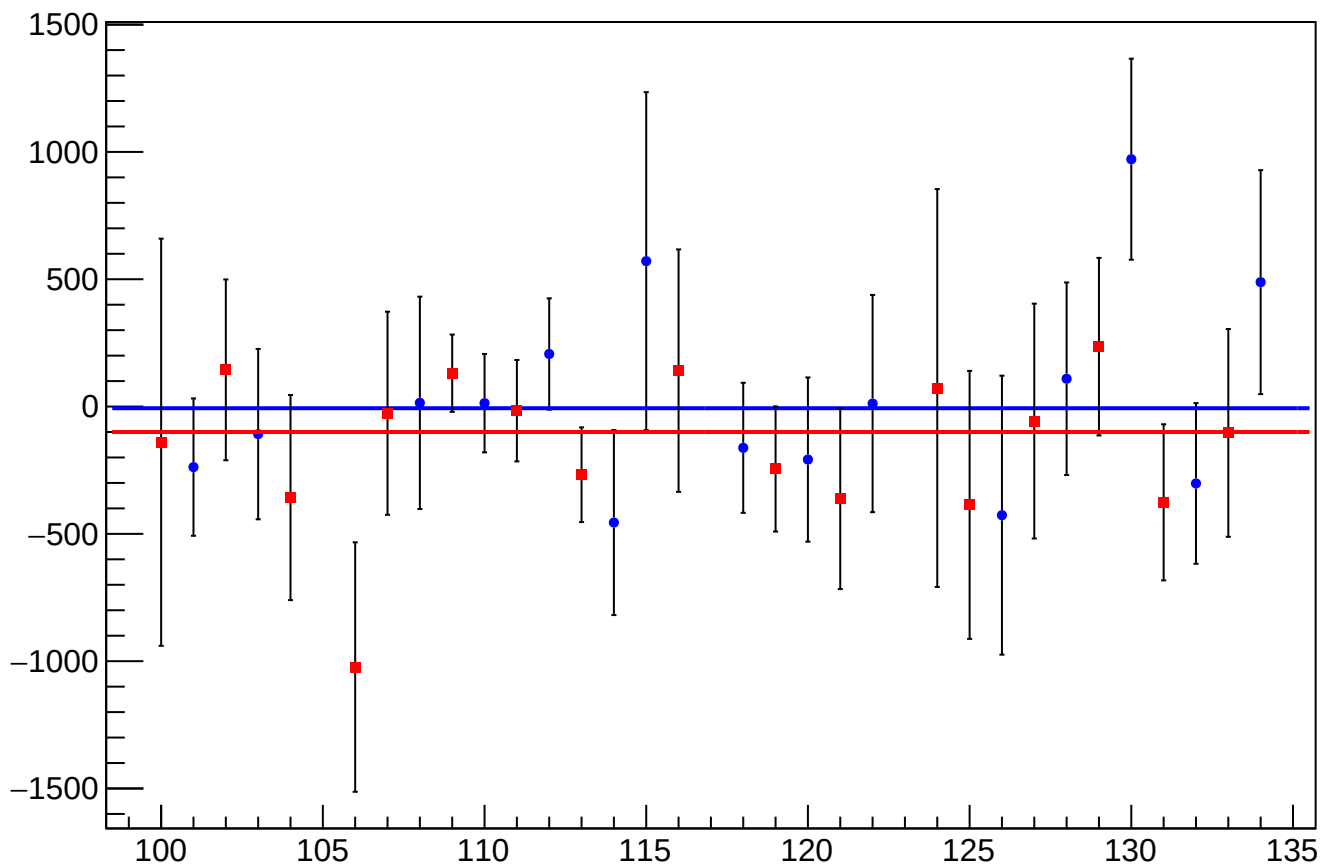
Right: 11.072+/-0.002 χ^2/NDF : 296955.7/30

In: 11.022+/-0.003 χ^2/NDF : 135724.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.072+/-0.002 χ^2/NDF : 296955.7/30

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -6.607 ± 82.093 $\chi^2/\text{NDF}: 13.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -99.886 ± 73.042 $\chi^2/\text{NDF}: 11.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

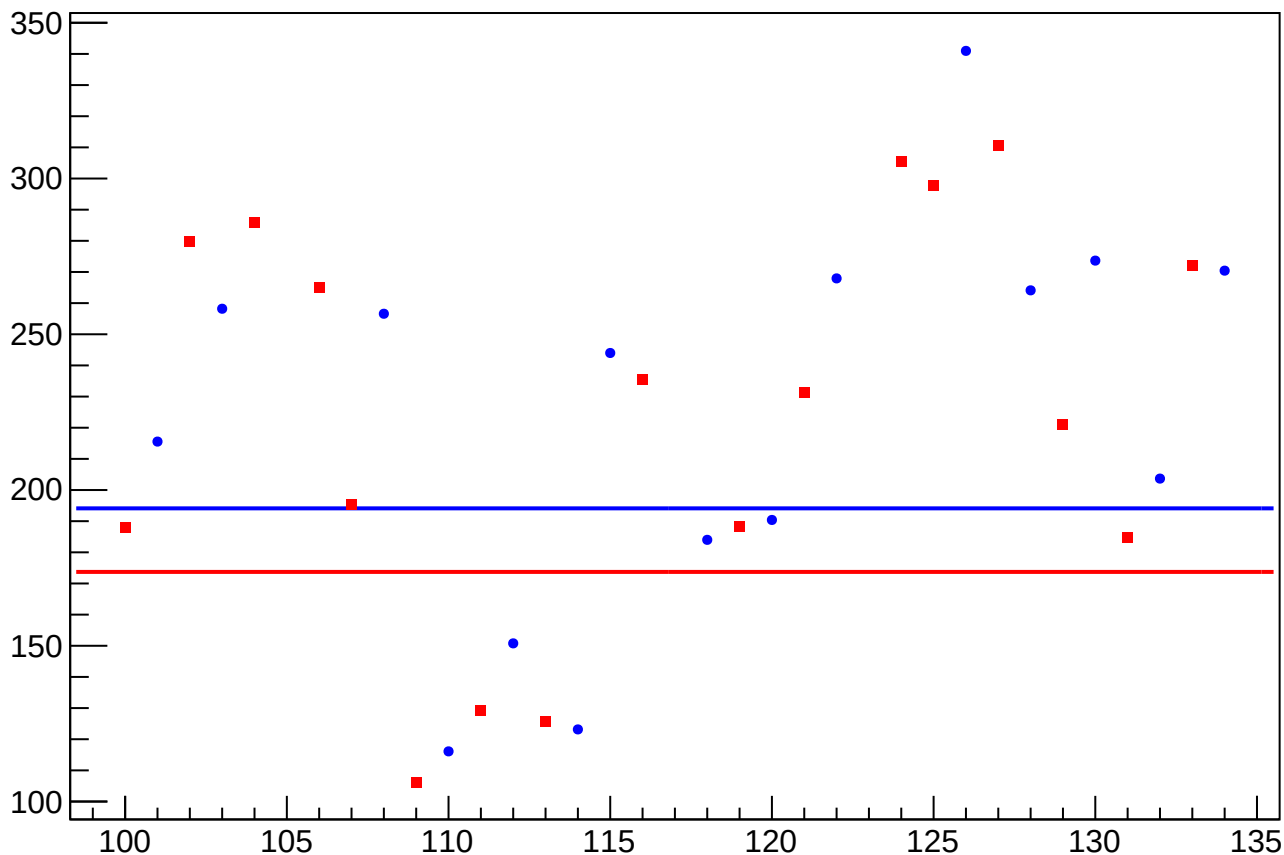
Right: -58.670 ± 54.569 $\chi^2/\text{NDF}: 25.5/31$

In: -6.607 ± 82.093 $\chi^2/\text{NDF}: 13.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.670 ± 54.569 $\chi^2/\text{NDF}: 25.5/31$

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 194.115+/-0.058 χ^2/NDF : 1041862.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.714+/-0.052 χ^2/NDF : 1632634.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

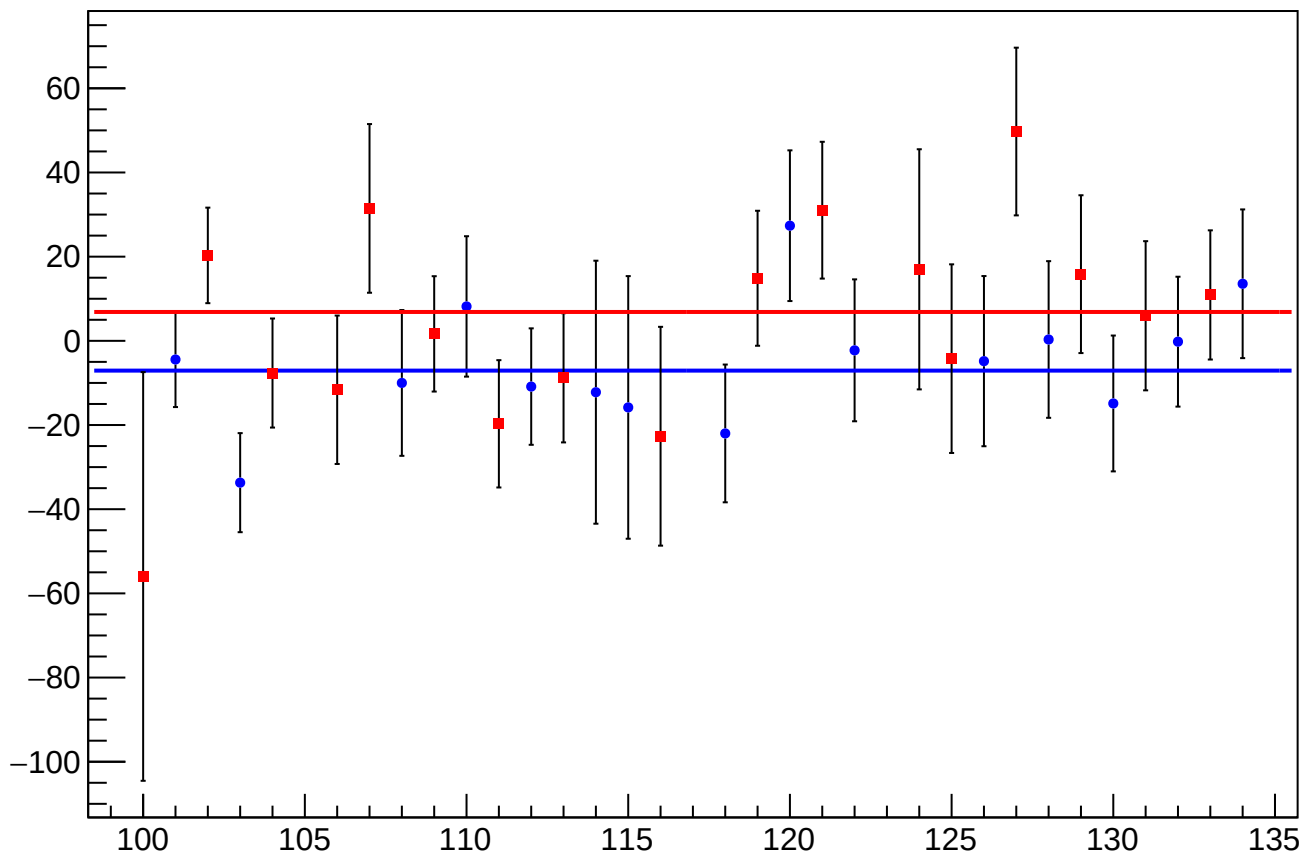
Right: 182.728+/-0.039 χ^2/NDF : 2743439.1/31

In: 194.115+/-0.058 χ^2/NDF : 1041862.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.728+/-0.039 χ^2/NDF : 2743439.1/31

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -7.074+/-4.218 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.860+/-4.118 χ^2/NDF : 20.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

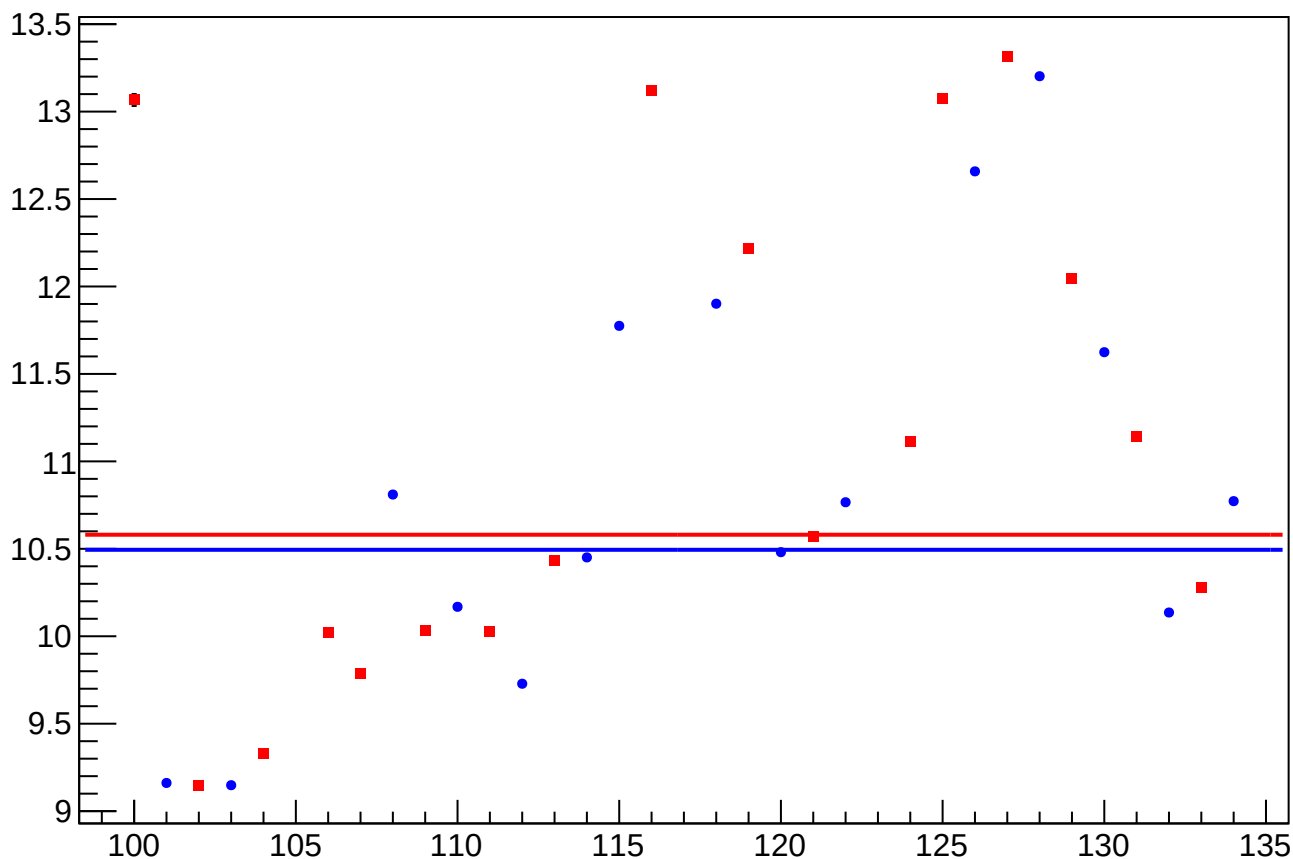
Right: 0.060+/-2.947 χ^2/NDF : 38.6/31

In: -7.074+/-4.218 χ^2/NDF : 12.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-2.947 χ^2/NDF : 38.6/31

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.494+/-0.003 χ^2/NDF : 156868.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.581+/-0.003 χ^2/NDF : 185124.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

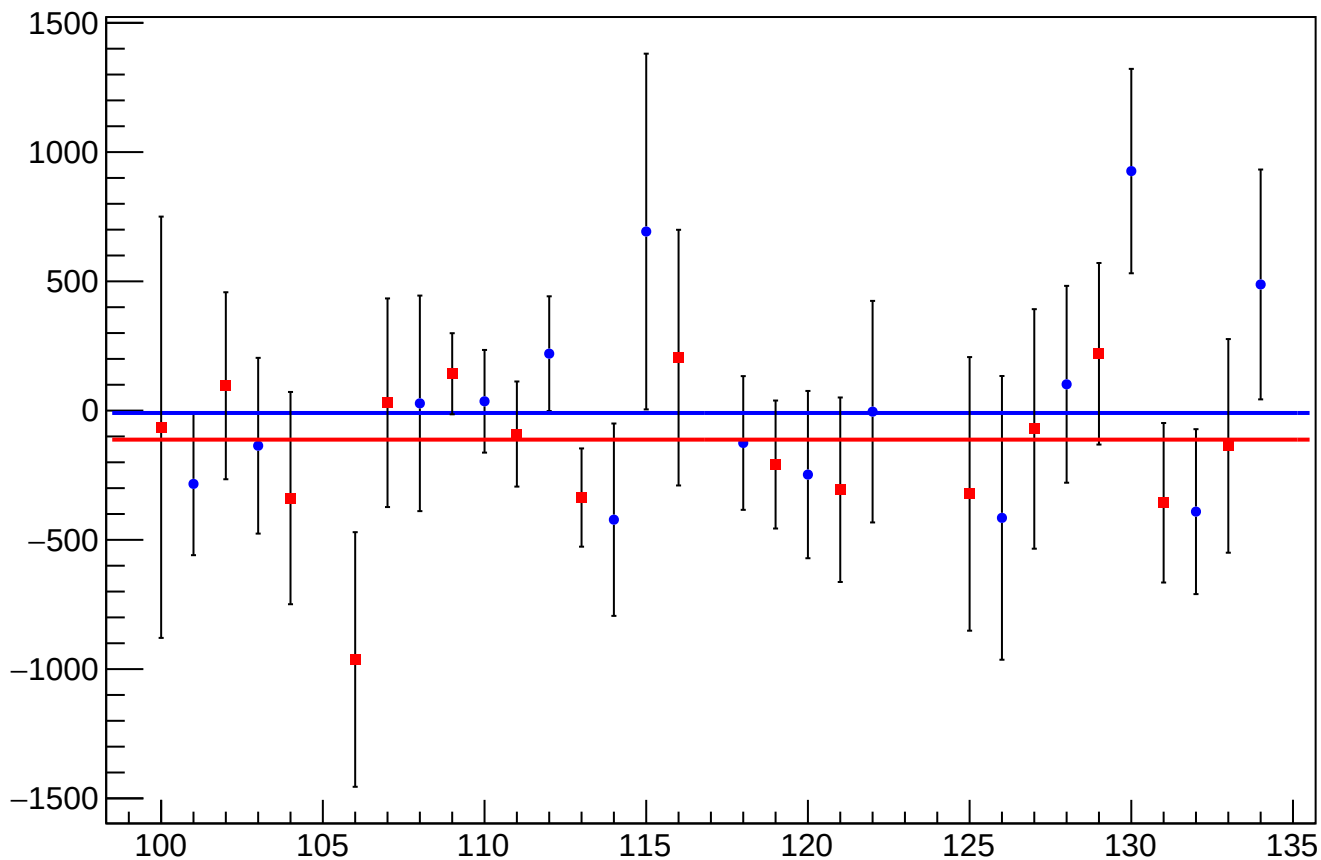
Right: 10.538+/-0.002 χ^2/NDF : 342420.2/31

In: 10.494+/-0.003 χ^2/NDF : 156868.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.538+/-0.002 χ^2/NDF : 342420.2/31

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -9.171 ± 83.330 $\chi^2/\text{NDF}: 14.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -112.298 ± 74.781 $\chi^2/\text{NDF}: 10.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

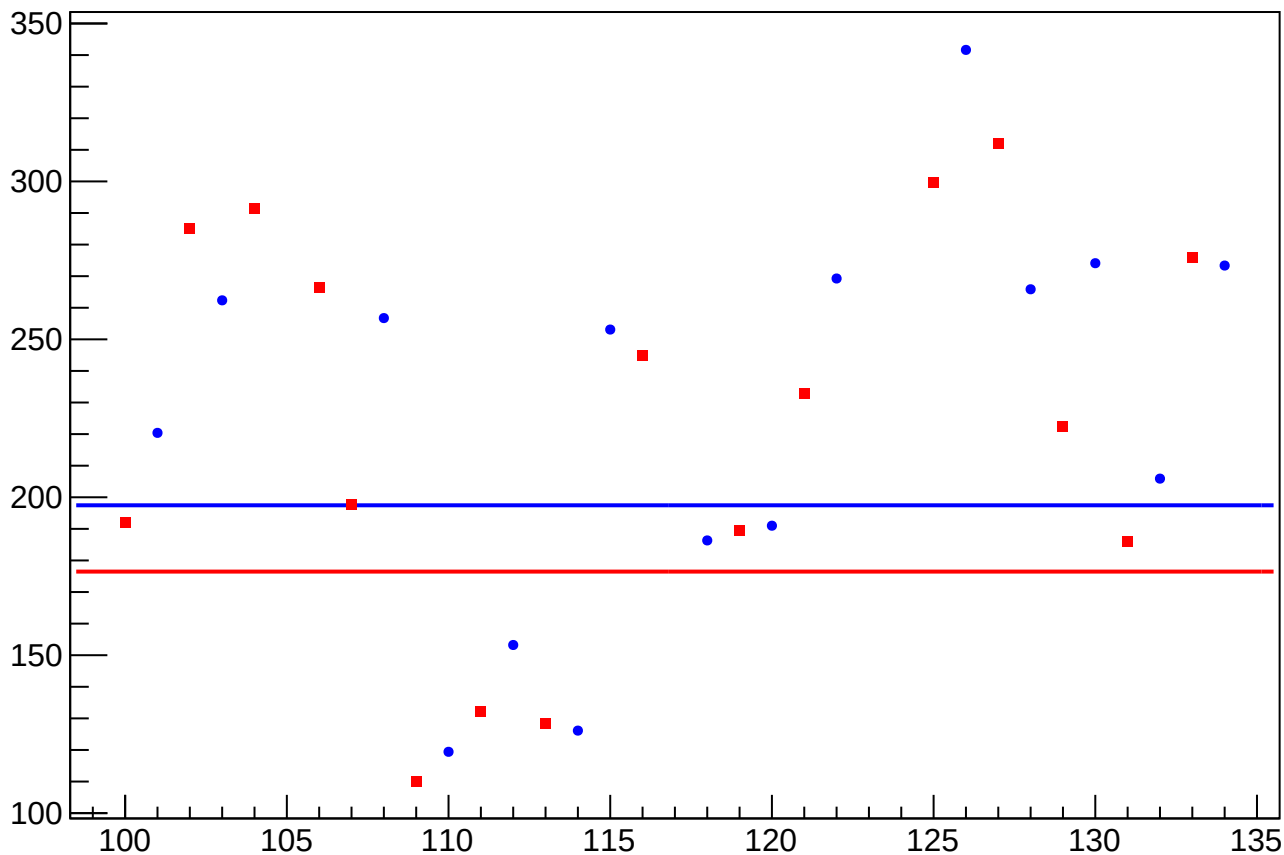
Right: -66.294 ± 55.656 $\chi^2/\text{NDF}: 25.4/30$

In: -9.171 ± 83.330 $\chi^2/\text{NDF}: 14.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -66.294 ± 55.656 $\chi^2/\text{NDF}: 25.4/30$

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 197.462 $\pm$ 0.059 χ^2 /NDF: 1000194.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.473 $\pm$ 0.053 χ^2 /NDF: 1516333.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

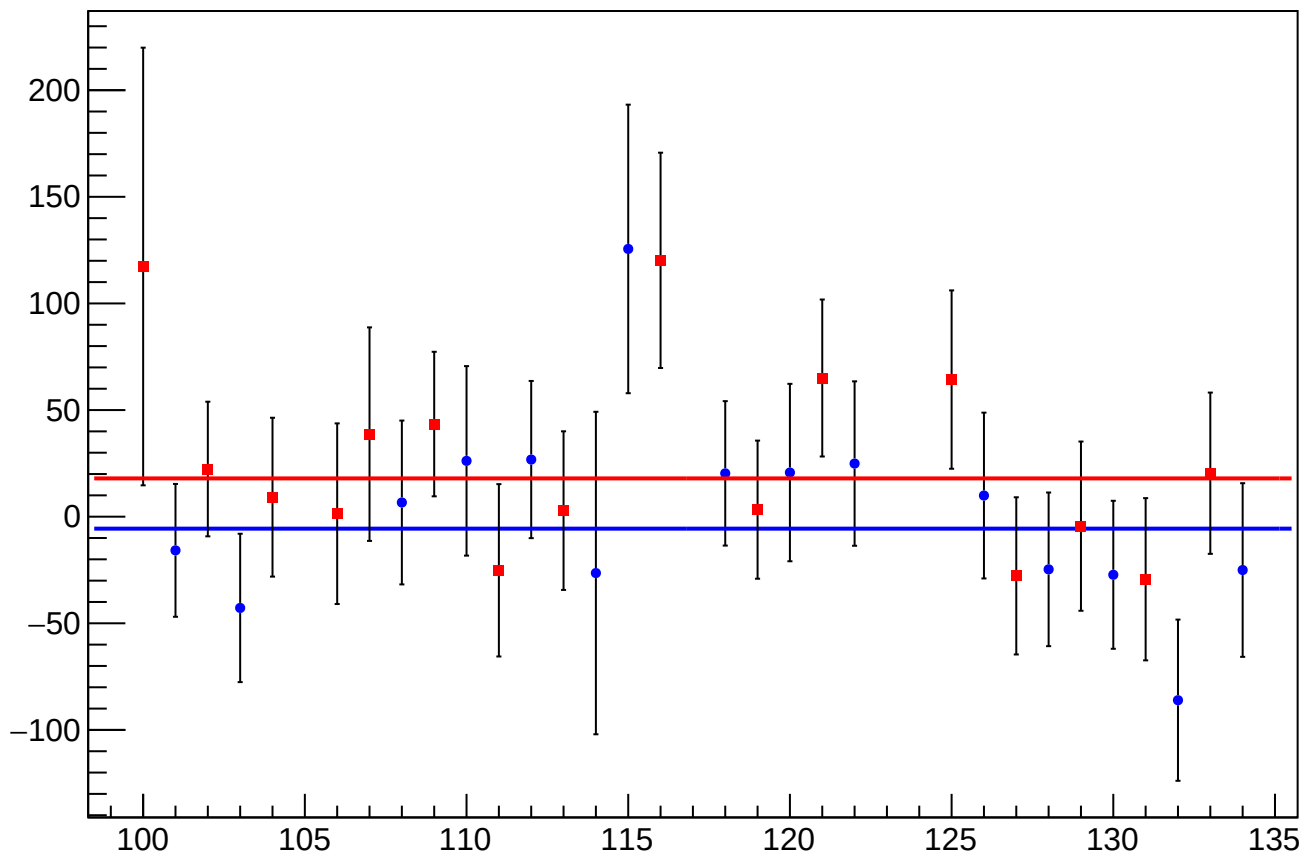
Right: 185.836 $\pm$ 0.039 χ^2 /NDF: 2586809.0/30

In: 197.462 $\pm$ 0.059 χ^2 /NDF:1000194.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.836 $\pm$ 0.039 χ^2 /NDF: 2586809.0/30

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.614 ± 10.071 $\chi^2/NDF: 13.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Right Out: 17.949 ± 9.806 $\chi^2/NDF: 13.8/15$

Left In: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

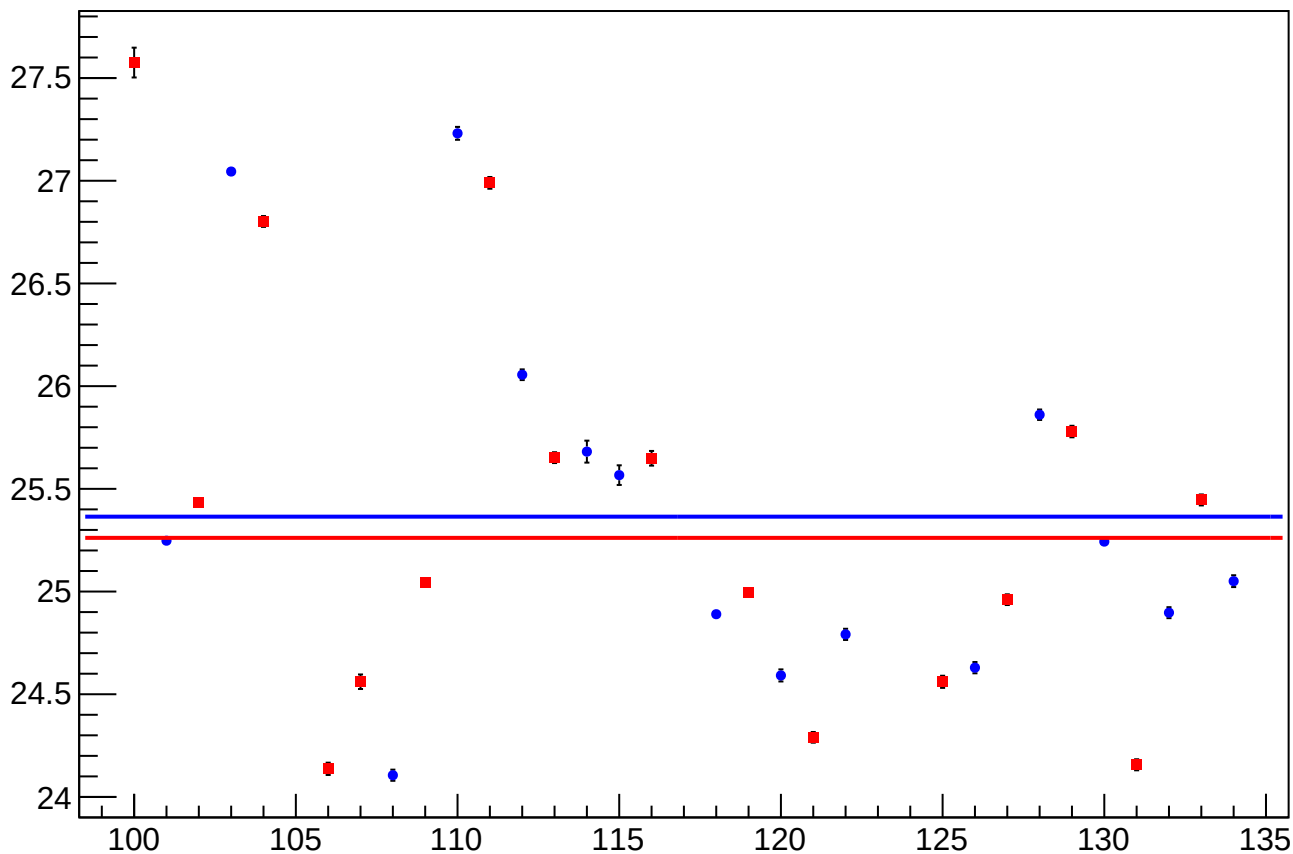
Right: 6.481 ± 7.026 $\chi^2/NDF: 30.3/30$

In: -5.614 ± 10.071 $\chi^2/NDF: 13.7/14$

Out: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

All: 6.481 ± 7.026 $\chi^2/NDF: 30.3/30$

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.365+/-0.007 χ^2/NDF : 14194.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.261+/-0.007 χ^2/NDF : 14675.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

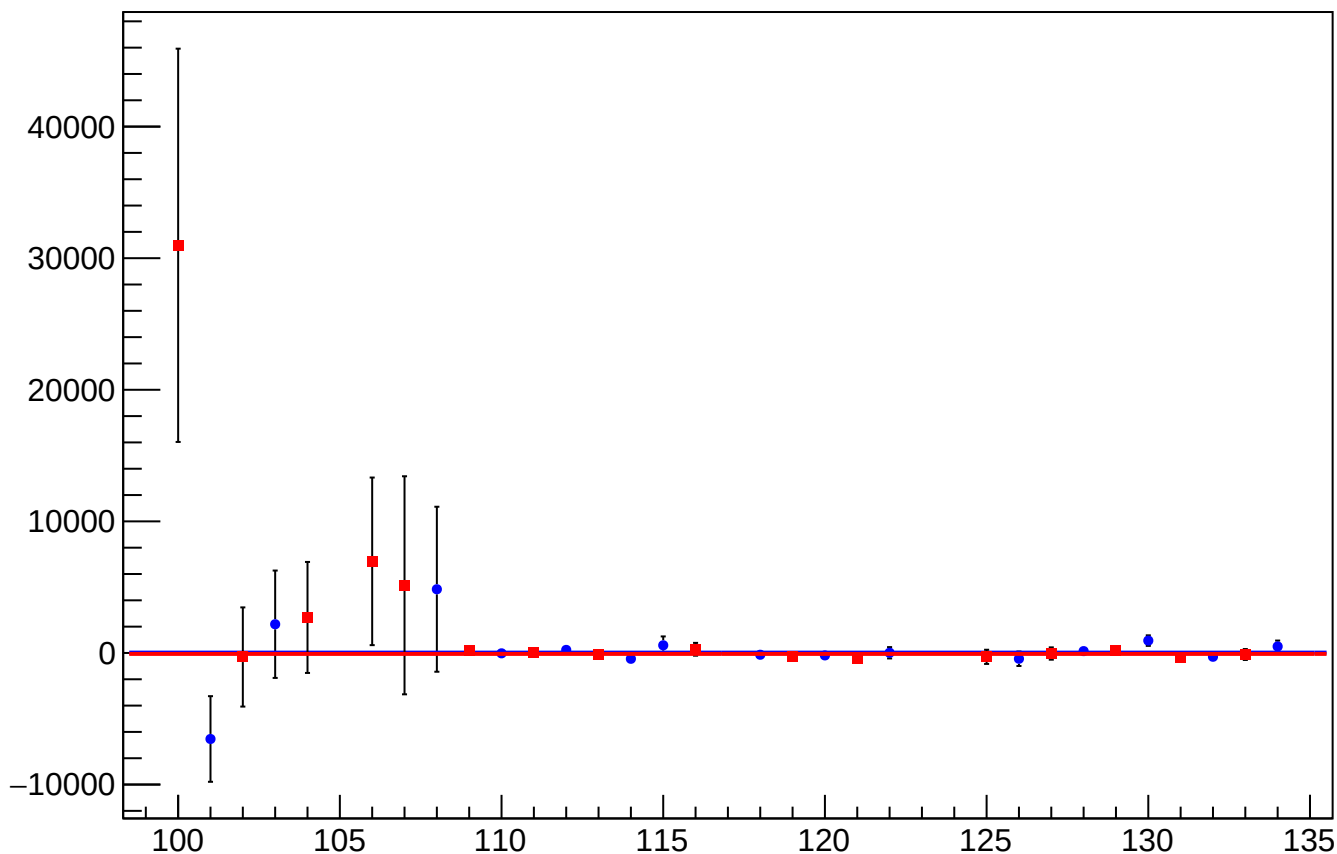
Right: 25.312+/-0.005 χ^2/NDF : 28977.8/30

In: 25.365+/-0.007 χ^2/NDF : 14194.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.312+/-0.005 χ^2/NDF : 28977.8/30

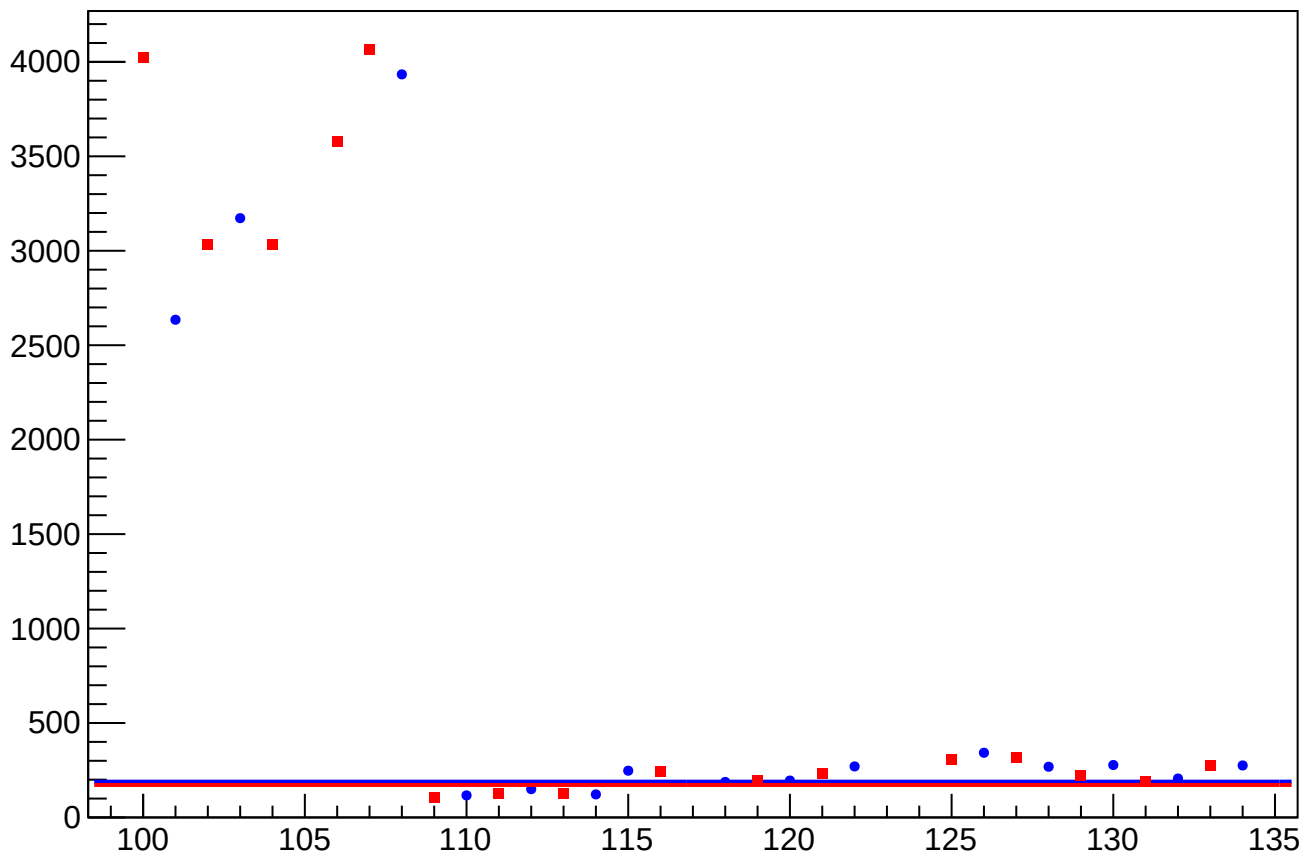
asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 25.777+/-91.977 χ^2/NDF : 17.2/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -71.326+/-85.424 χ^2/NDF : 12.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -26.357+/-62.592 χ^2/NDF : 29.7/30
 In: 25.777+/-91.977 χ^2/NDF : 17.2/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -26.357+/-62.592 χ^2/NDF : 29.7/30

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 189.458+/-0.065 χ^2/NDF : 3830038.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 172.073+/-0.060 χ^2/NDF : 4240349.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

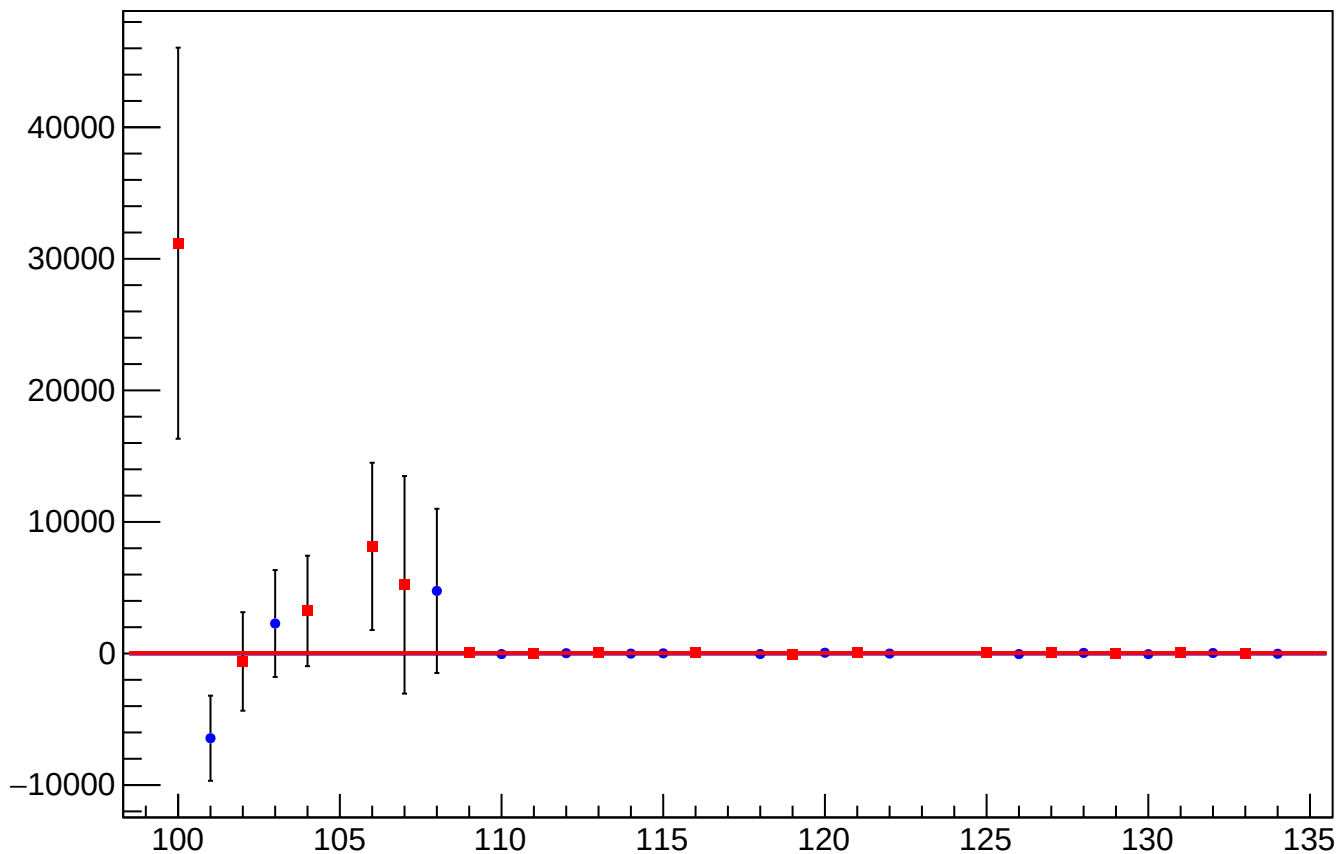
Right: 180.124+/-0.044 χ^2/NDF : 8108753.1/30

In: 189.458+/-0.065 χ^2/NDF :3830038.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.124+/-0.044 χ^2/NDF : 8108753.1/30

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.686+/-12.838 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.069+/-13.084 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

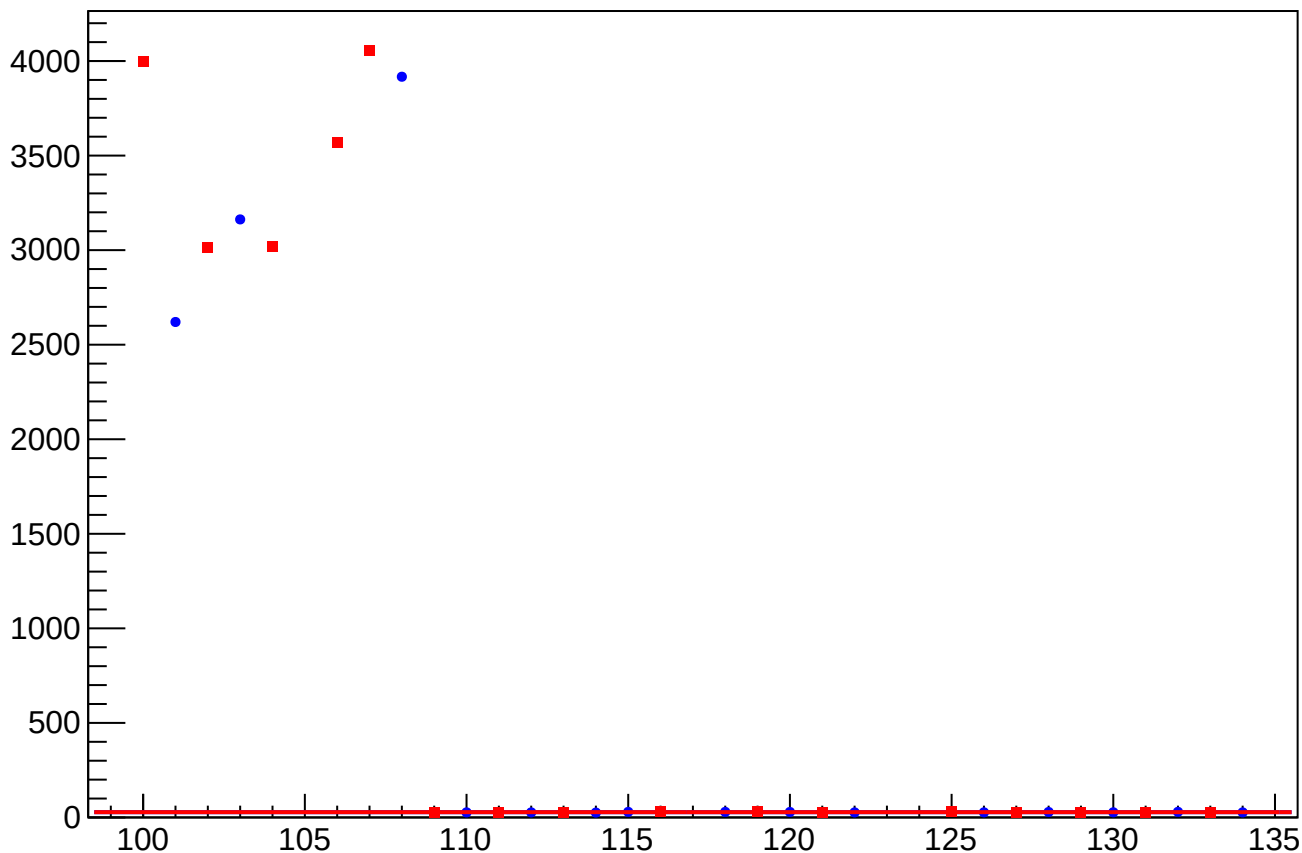
Right: 15.304+/-9.164 χ^2/NDF : 36.3/30

In: -4.686+/-12.838 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.304+/-9.164 χ^2/NDF : 36.3/30

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.854+/-0.009 χ^2/NDF : 3265832.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.985+/-0.009 χ^2/NDF : 3554784.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

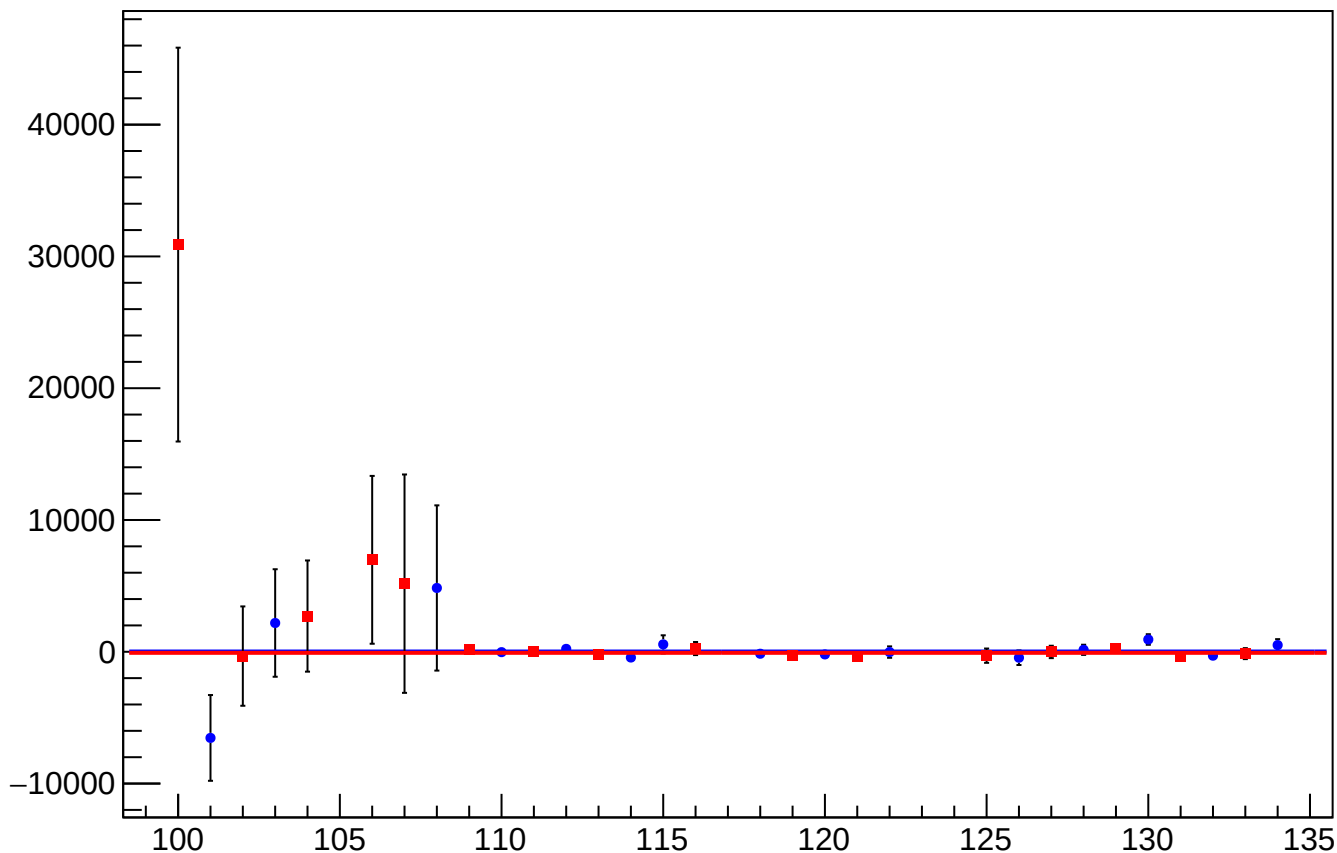
Right: 27.918+/-0.006 χ^2/NDF : 6820719.2/30

In: 27.854+/-0.009 χ^2/NDF : 3265832.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.918+/-0.006 χ^2/NDF : 6820719.2/30

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 19.636+/-92.662 χ^2/NDF : 17.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.420+/-86.156 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

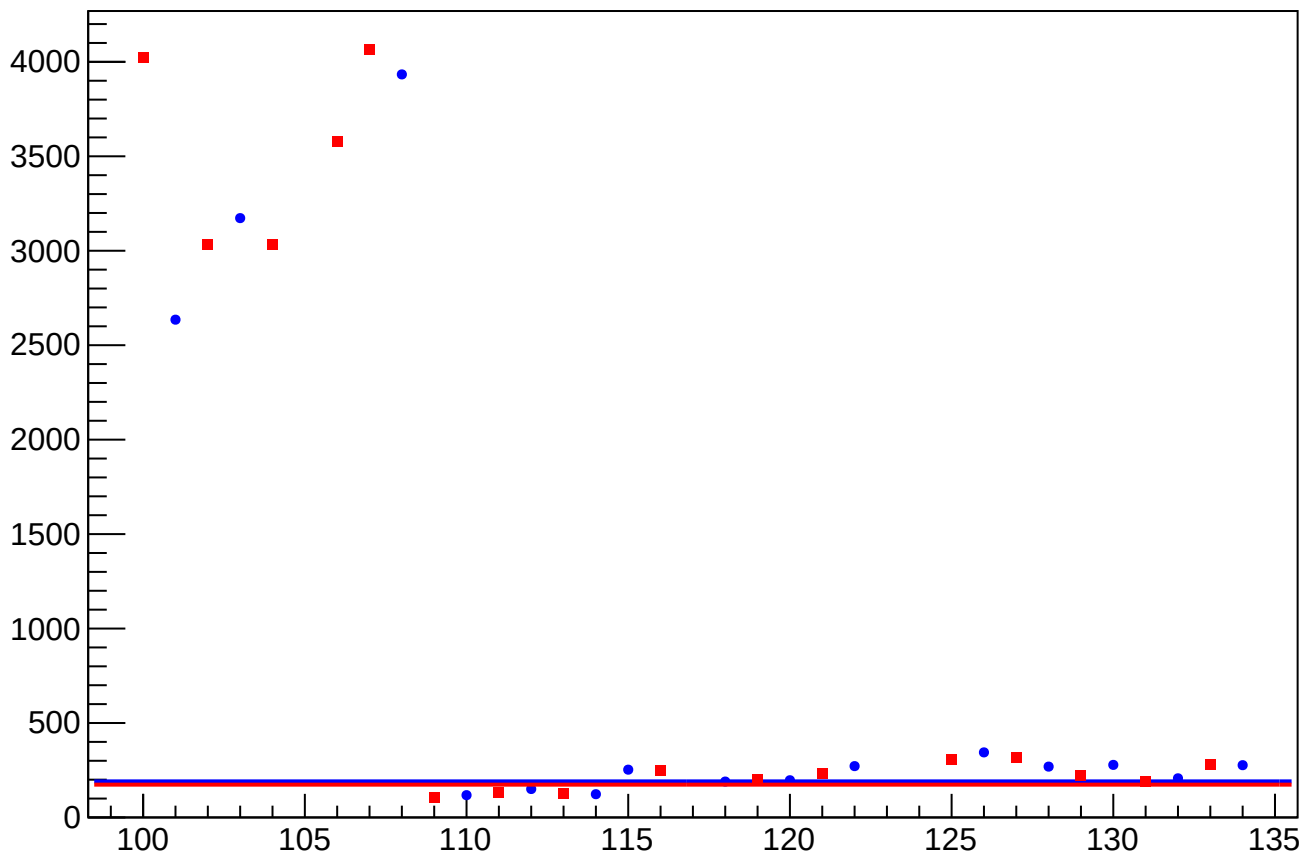
Right: -33.491+/-63.096 χ^2/NDF : 29.2/30

In: 19.636+/-92.662 χ^2/NDF : 17.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.491+/-63.096 χ^2/NDF : 29.2/30

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 191.000+/-0.066 χ^2/NDF : 3819183.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.685+/-0.061 χ^2/NDF : 4231935.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

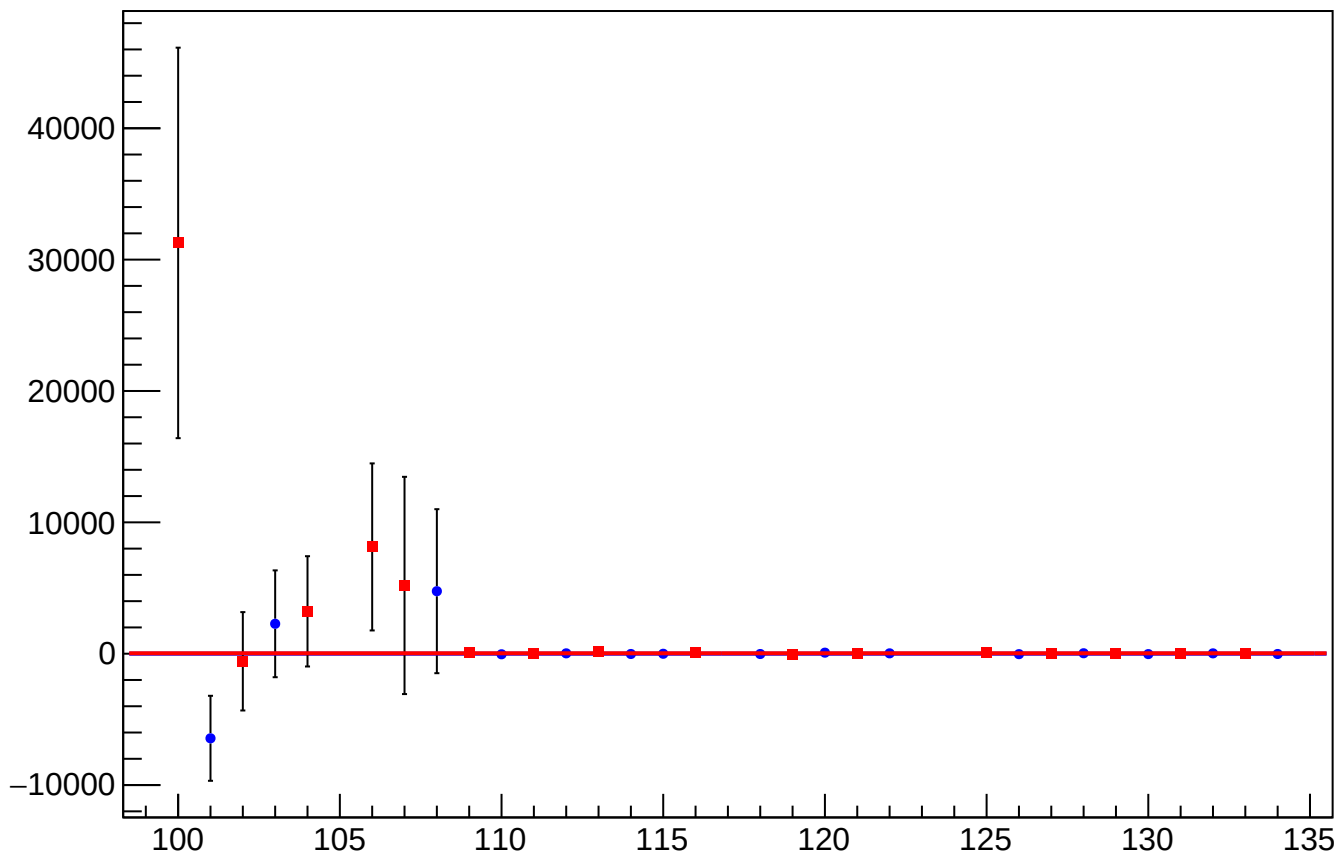
Right: 181.713+/-0.045 χ^2/NDF : 8088572.1/30

In: 191.000+/-0.066 χ^2/NDF : 3819183.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.713+/-0.045 χ^2/NDF : 8088572.1/30

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 1.753+/-14.267 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.395+/-14.483 χ^2/NDF : 21.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

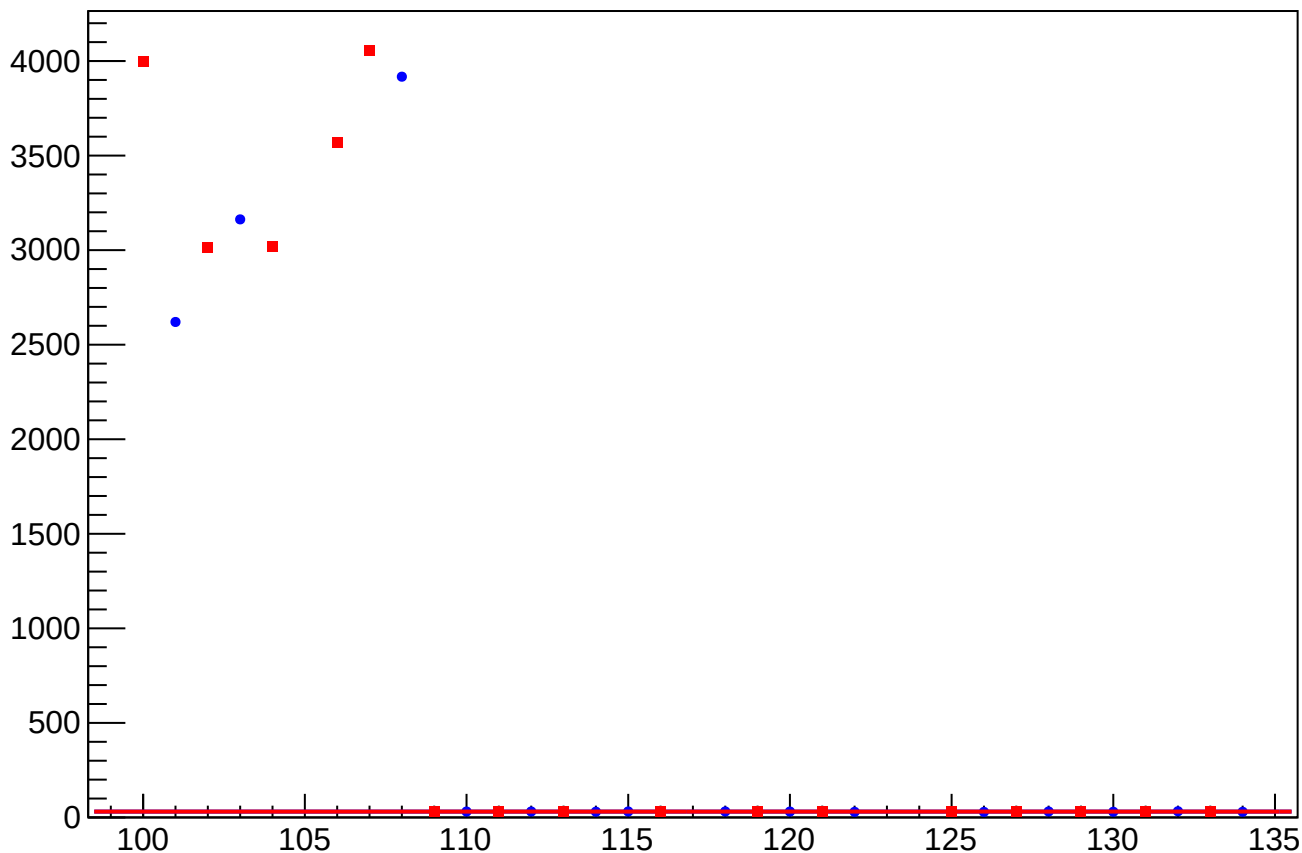
Right: 16.843+/-10.164 χ^2/NDF : 34.7/30

In: 1.753+/-14.267 χ^2/NDF : 11.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.843+/-10.164 χ^2/NDF : 34.7/30

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 30.989+/-0.010 χ^2/NDF : 3252381.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.025+/-0.010 χ^2/NDF : 3532664.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

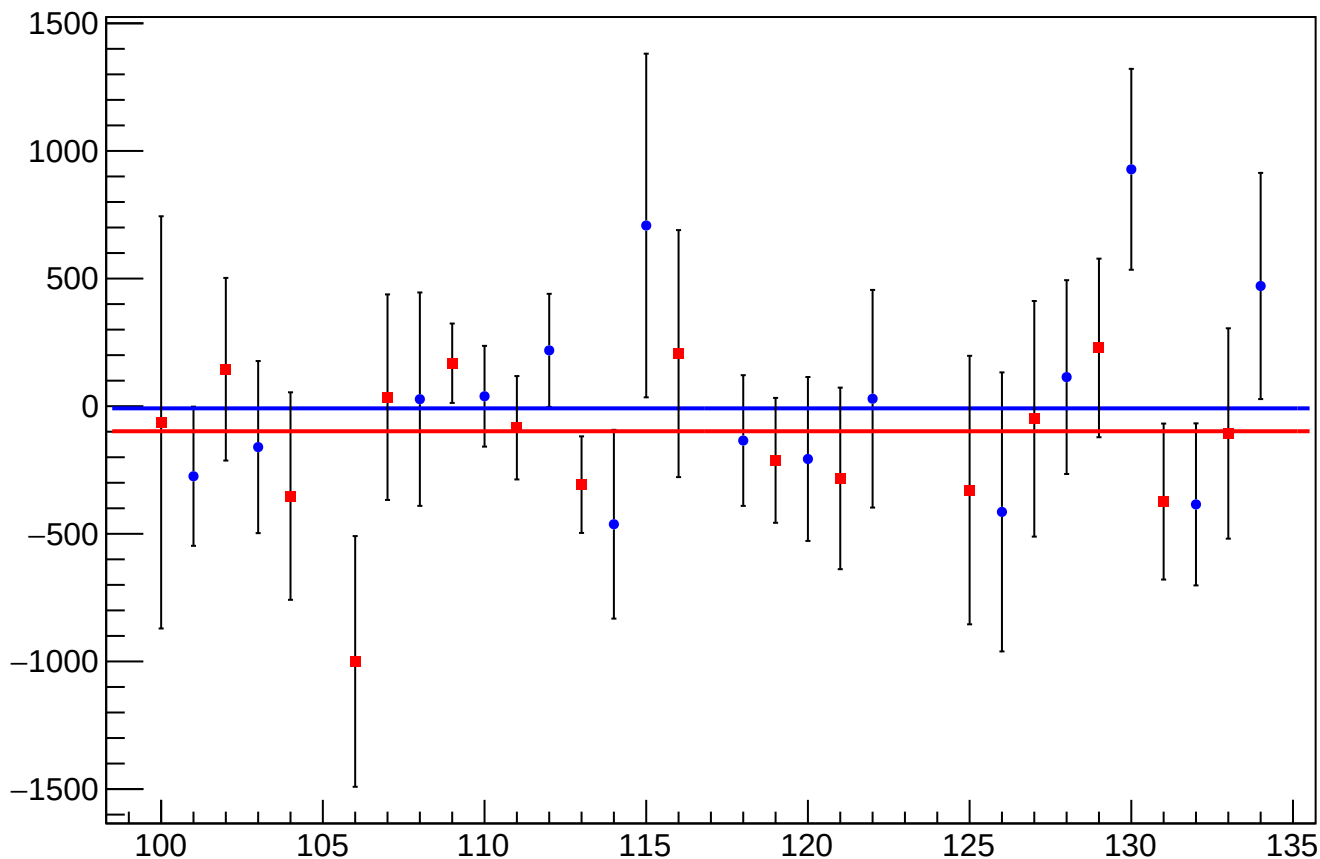
Right: 31.007+/-0.007 χ^2/NDF : 6785051.7/30

In: 30.989+/-0.010 χ^2/NDF : 3252381.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.007+/-0.007 χ^2/NDF : 6785051.7/30

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -8.420 ± 82.826 $\chi^2/\text{NDF}: 14.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -98.149 ± 74.255 $\chi^2/\text{NDF}: 11.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

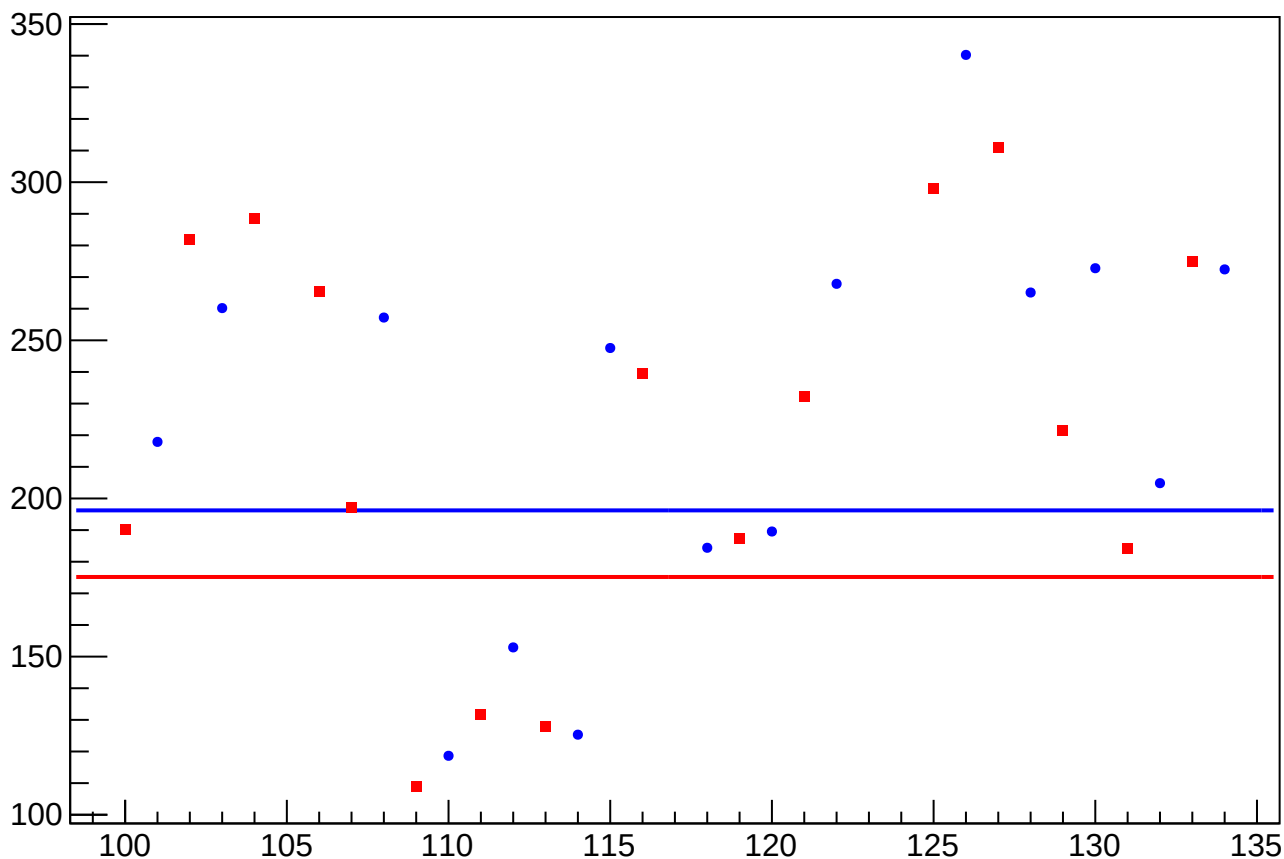
Right: -58.165 ± 55.289 $\chi^2/\text{NDF}: 26.4/30$

In: -8.420 ± 82.826 $\chi^2/\text{NDF}: 14.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.165 ± 55.289 $\chi^2/\text{NDF}: 26.4/30$

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 196.233+/-0.059 χ^2/NDF : 1000560.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.178+/-0.053 χ^2/NDF : 1515394.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

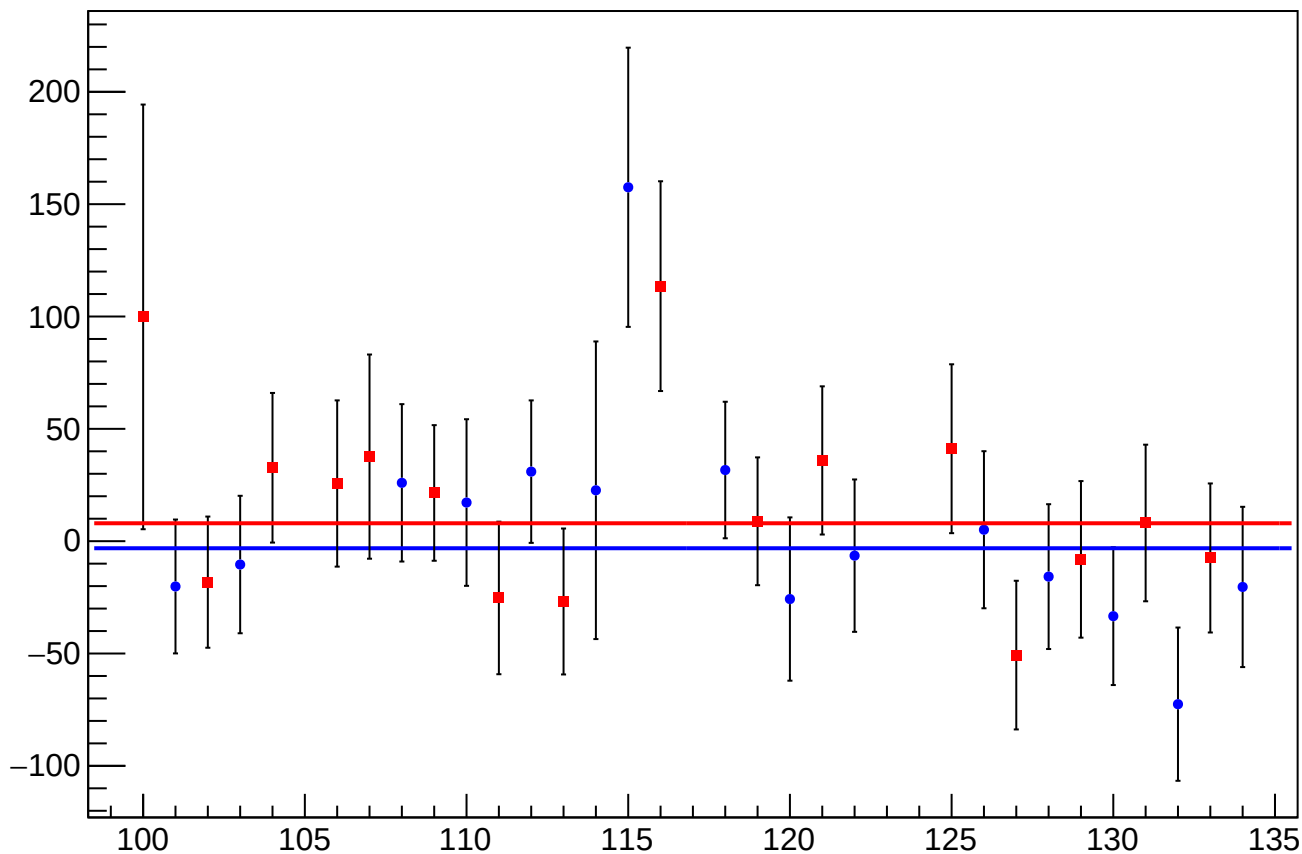
Right: 184.560+/-0.039 χ^2/NDF : 2587610.0/30

In: 196.233+/-0.059 χ^2/NDF : 1000560.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.560+/-0.039 χ^2/NDF : 2587610.0/30

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -3.145+/-8.973 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.973+/-8.735 χ^2/NDF : 15.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

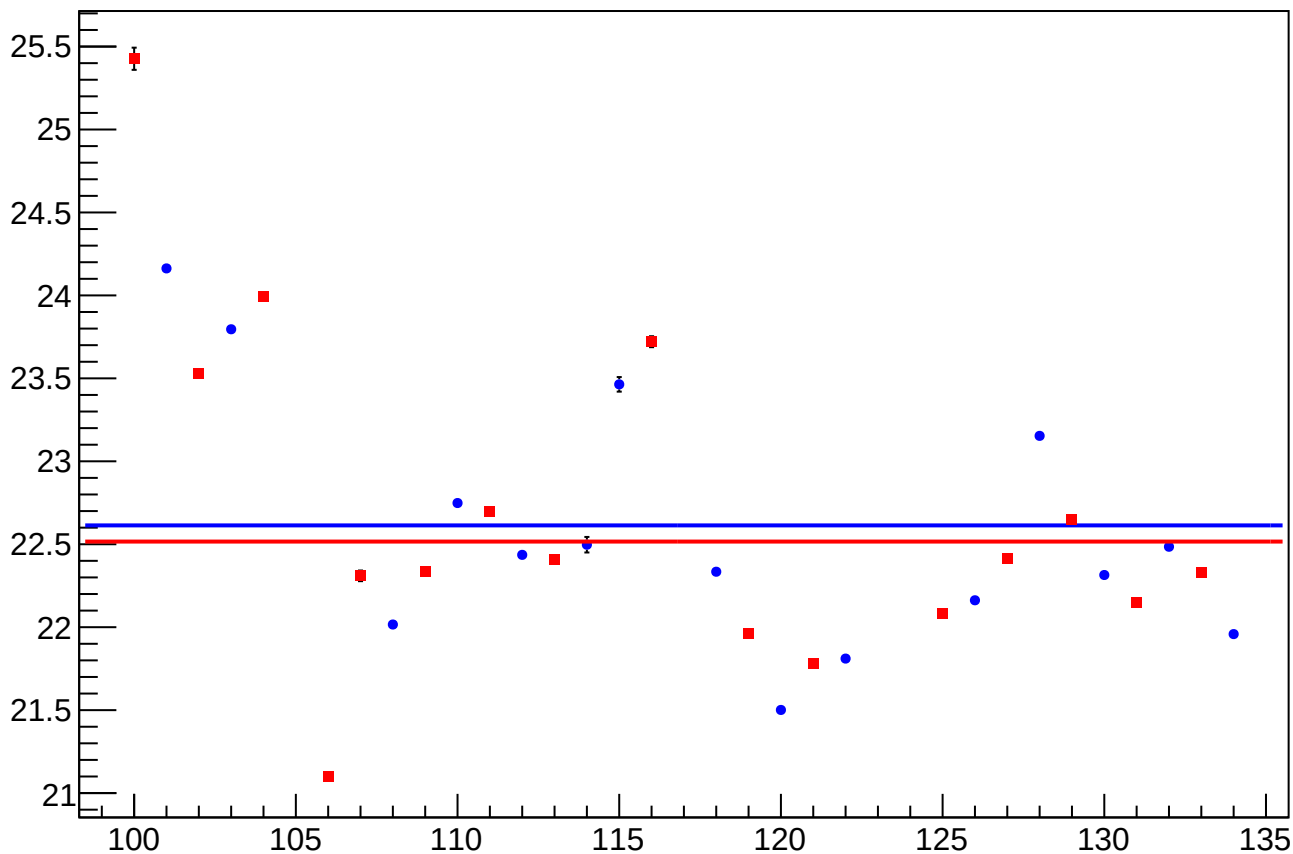
Right: 2.564+/-6.259 χ^2/NDF : 32.9/30

In: -3.145+/-8.973 χ^2/NDF :16.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.564+/-6.259 χ^2/NDF : 32.9/30

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.614+/-0.006 χ^2/NDF : 14396.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.516+/-0.006 χ^2/NDF : 15034.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

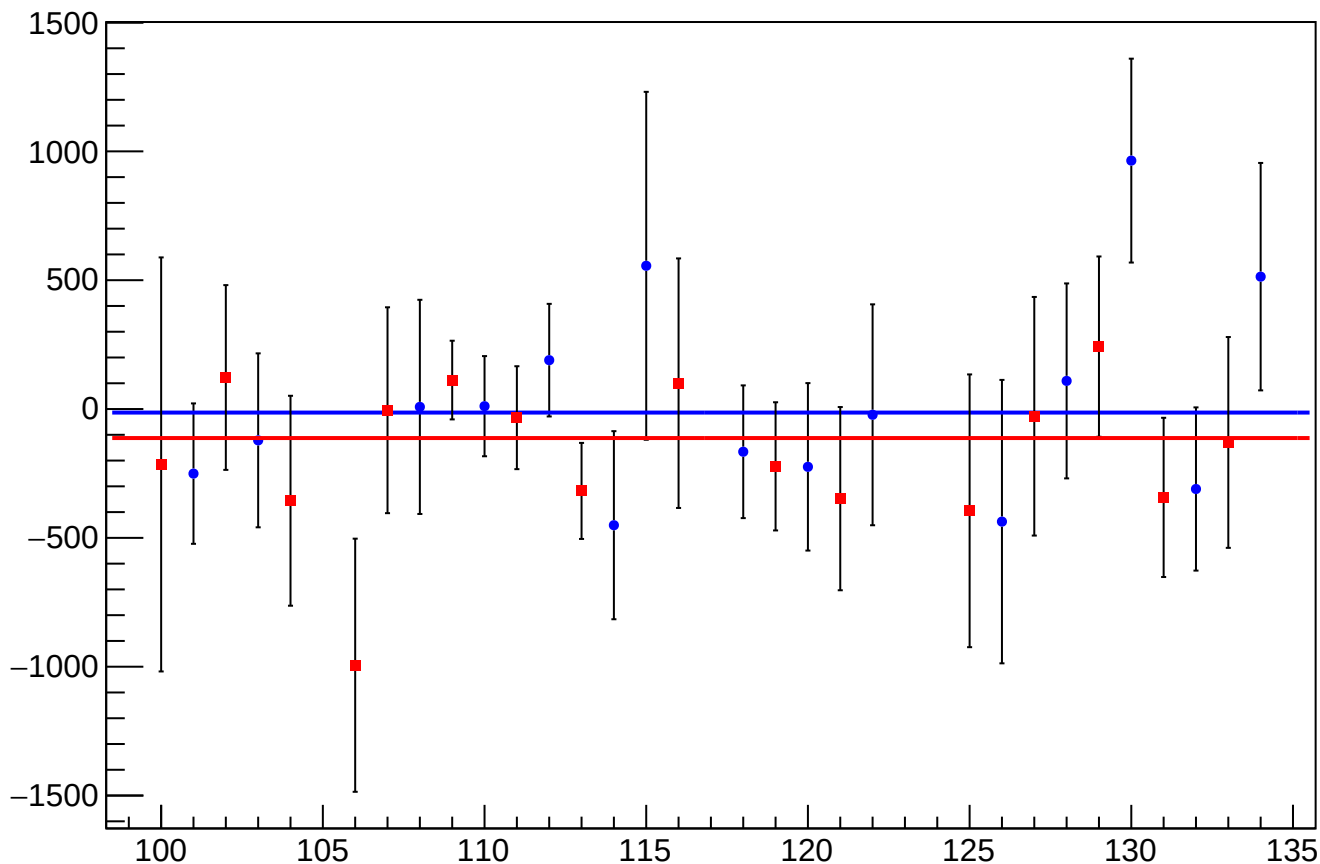
Right: 22.564+/-0.004 χ^2/NDF : 29552.3/30

In: 22.614+/-0.006 χ^2/NDF : 14396.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.564+/-0.004 χ^2/NDF : 29552.3/30

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -13.743 ± 82.498 $\chi^2/\text{NDF}: 13.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -112.618 ± 73.774 $\chi^2/\text{NDF}: 10.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

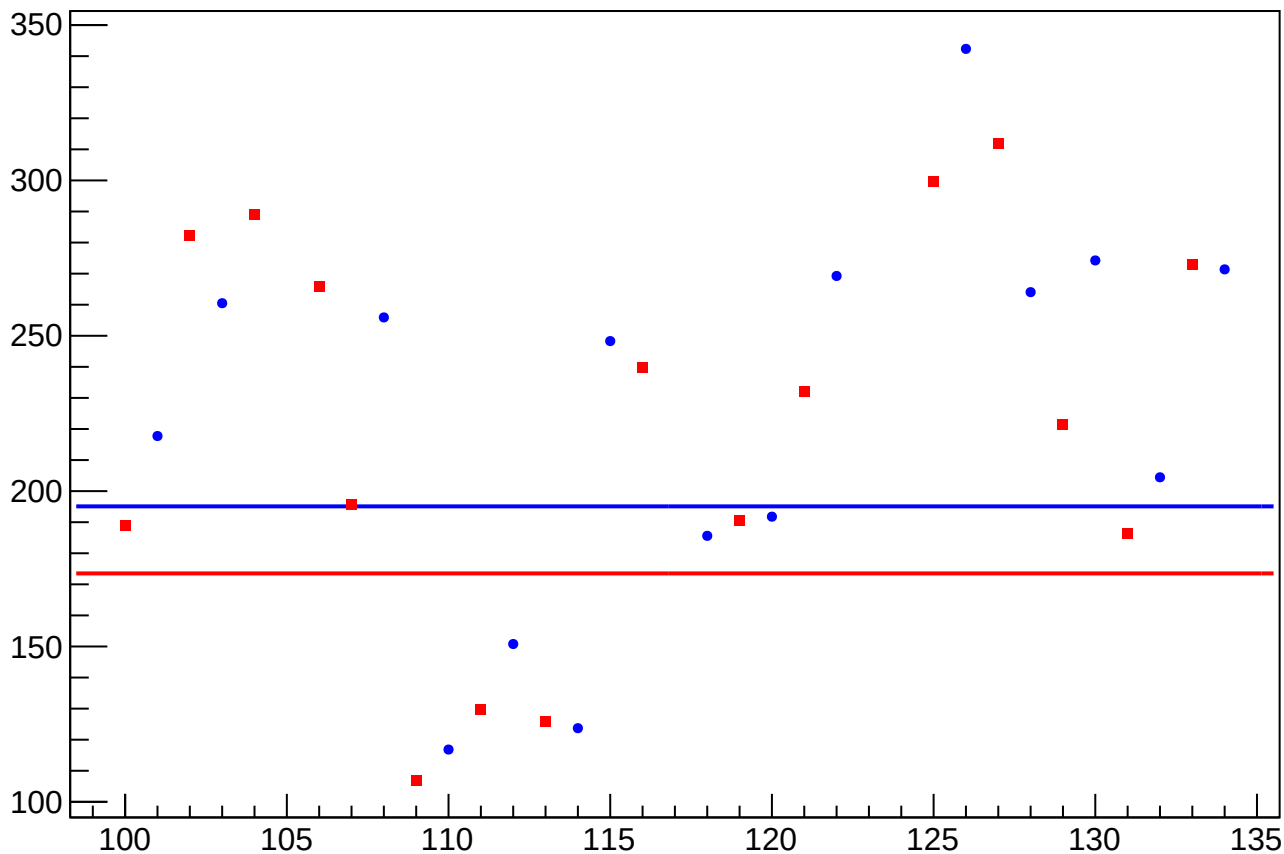
Right: -68.683 ± 54.993 $\chi^2/\text{NDF}: 24.9/30$

In: -13.743 ± 82.498 $\chi^2/\text{NDF}: 13.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -68.683 ± 54.993 $\chi^2/\text{NDF}: 24.9/30$

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 195.098+/-0.058 χ^2/NDF : 1041279.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.516+/-0.052 χ^2/NDF : 1582594.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

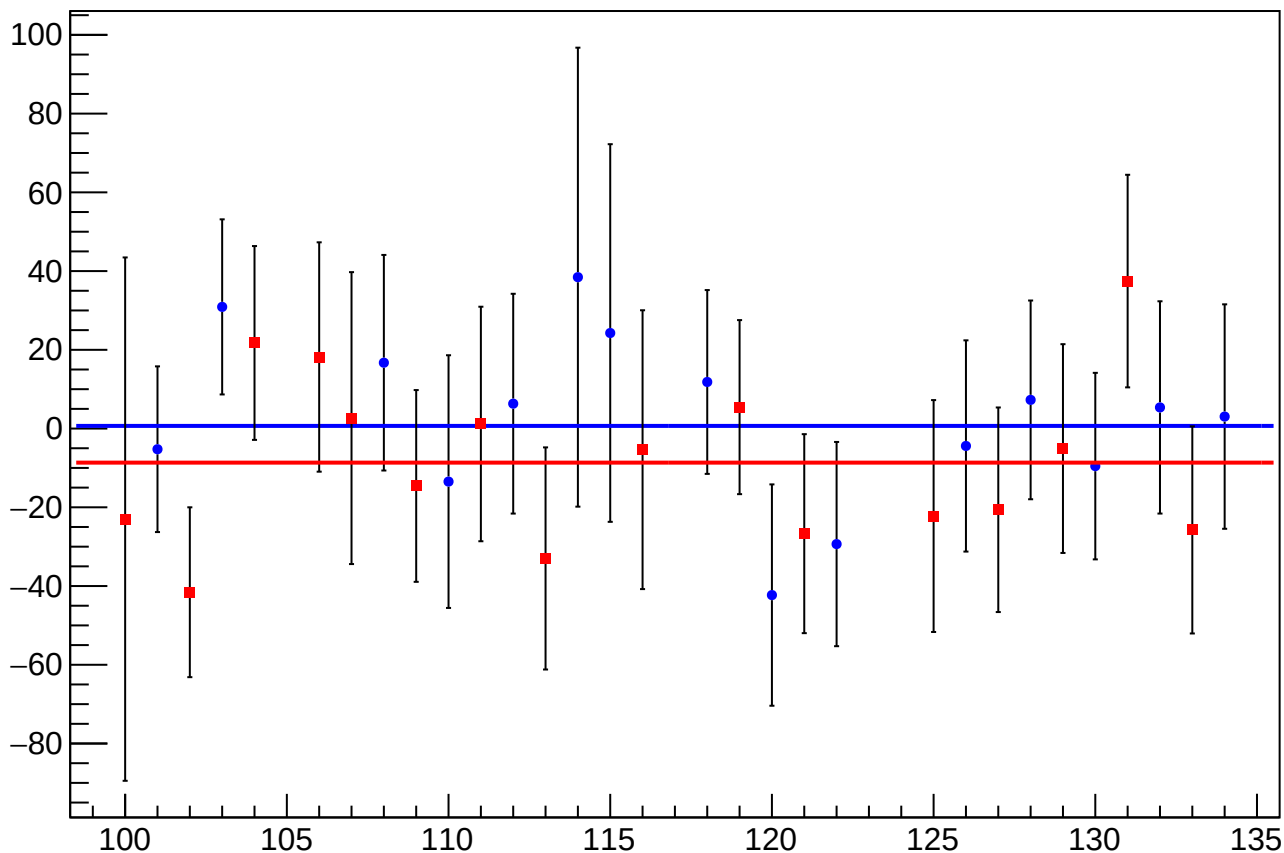
Right: 183.106+/-0.039 χ^2/NDF : 2699930.8/30

In: 195.098+/-0.058 χ^2/NDF : 1041279.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.106+/-0.039 χ^2/NDF : 2699930.8/30

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 0.676+/-6.979 χ^2/NDF : 7.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.653+/-6.854 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

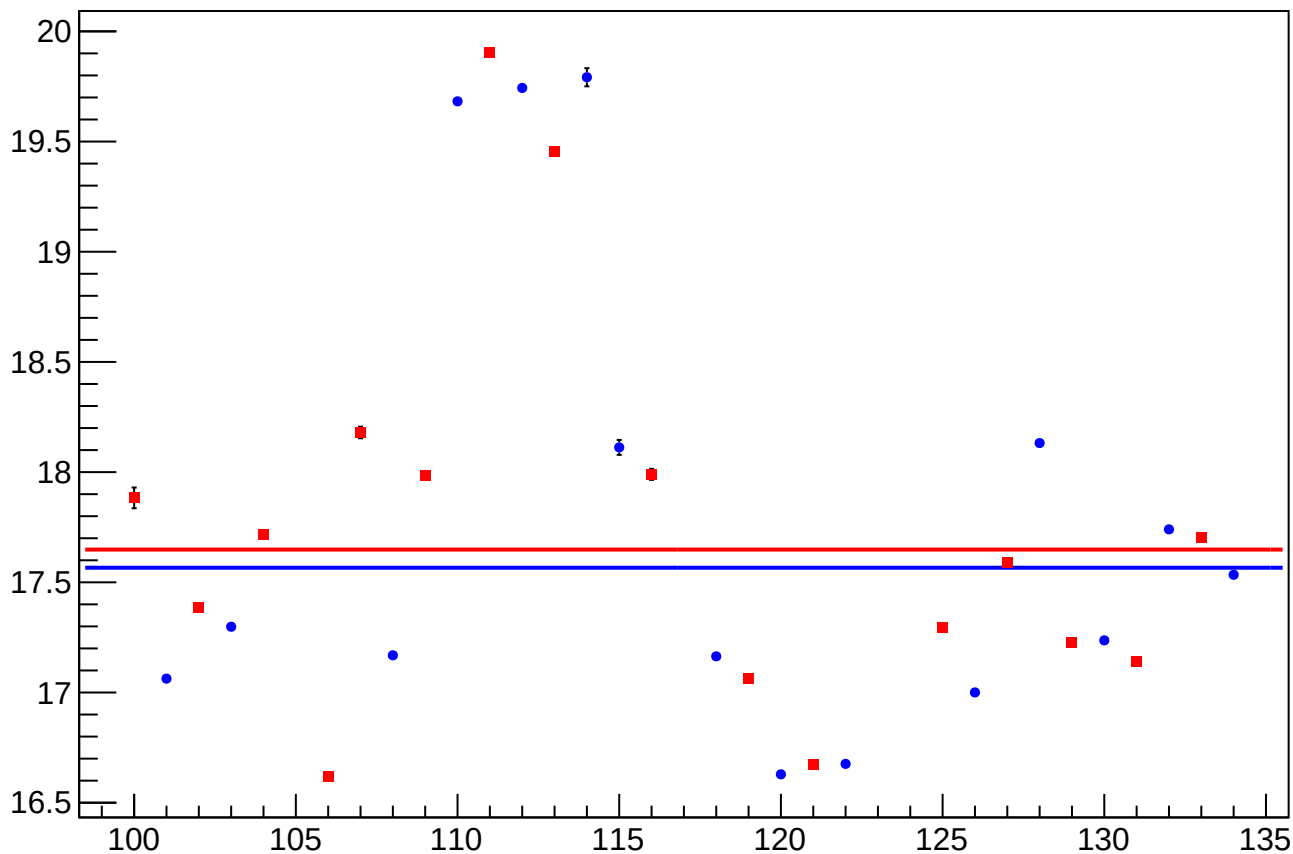
Right: -4.073+/-4.890 χ^2/NDF : 18.8/30

In: 0.676+/-6.979 χ^2/NDF : 7.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.073+/-4.890 χ^2/NDF : 18.8/30

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.566+/-0.005 χ^2/NDF : 33430.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.649+/-0.005 χ^2/NDF : 29371.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

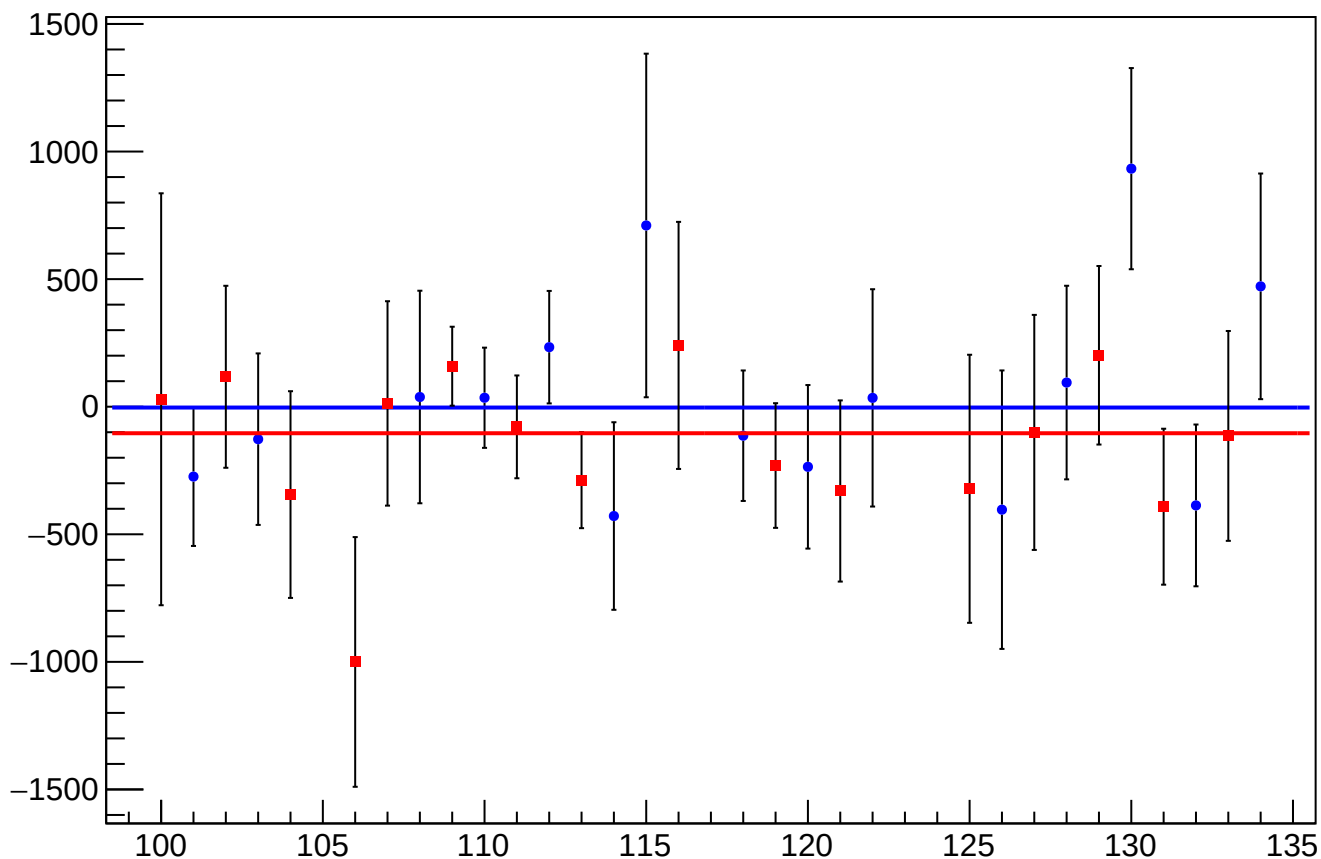
Right: 17.608+/-0.003 χ^2/NDF : 62942.9/30

In: 17.566+/-0.005 χ^2/NDF : 33430.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.608+/-0.003 χ^2/NDF : 62942.9/30

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -3.266 ± 82.581 $\chi^2/\text{NDF}: 14.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -103.966 ± 73.992 $\chi^2/\text{NDF}: 11.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

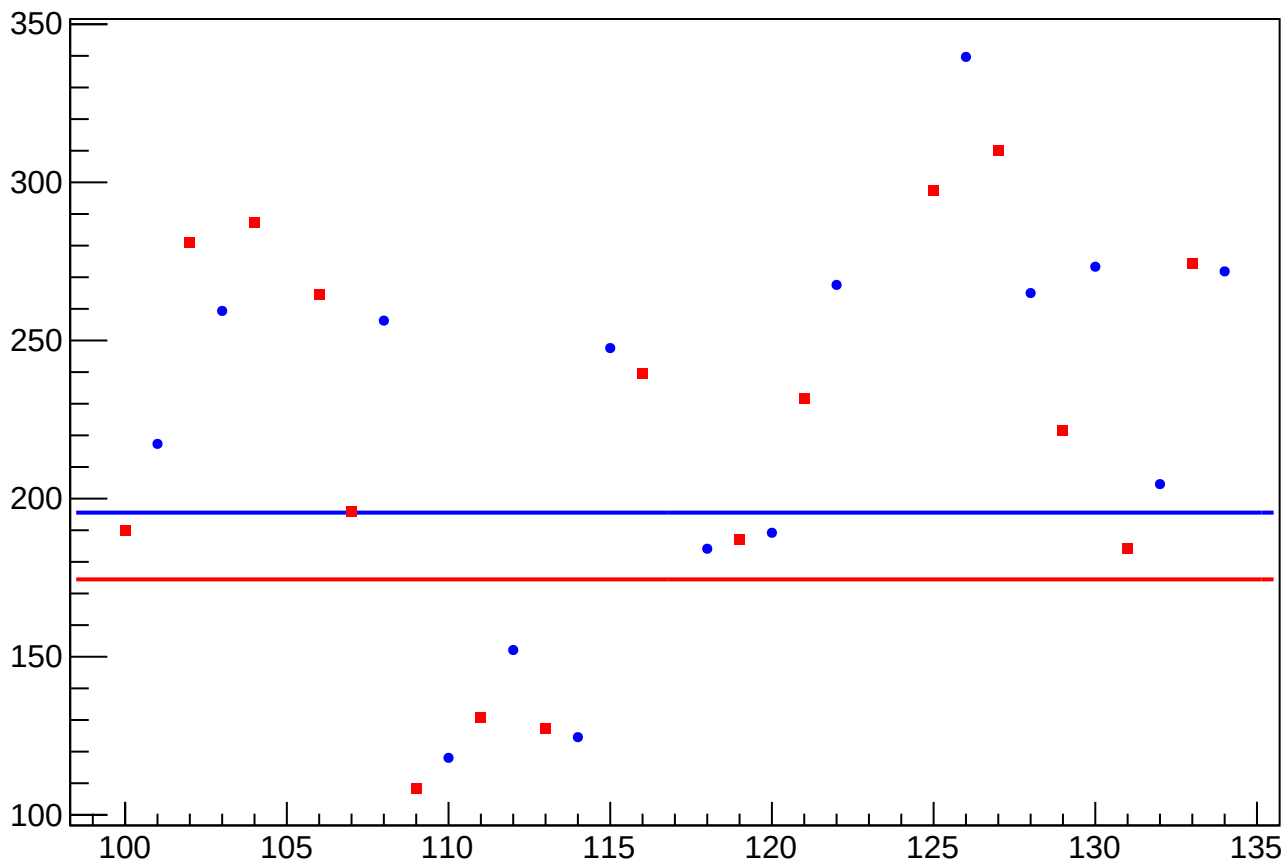
Right: -59.124 ± 55.107 $\chi^2/\text{NDF}: 26.3/30$

In: -3.266 ± 82.581 $\chi^2/\text{NDF}: 14.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -59.124 ± 55.107 $\chi^2/\text{NDF}: 26.3/30$

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 195.571+/-0.058 χ^2/NDF : 1010773.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.465+/-0.052 χ^2/NDF : 1526764.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

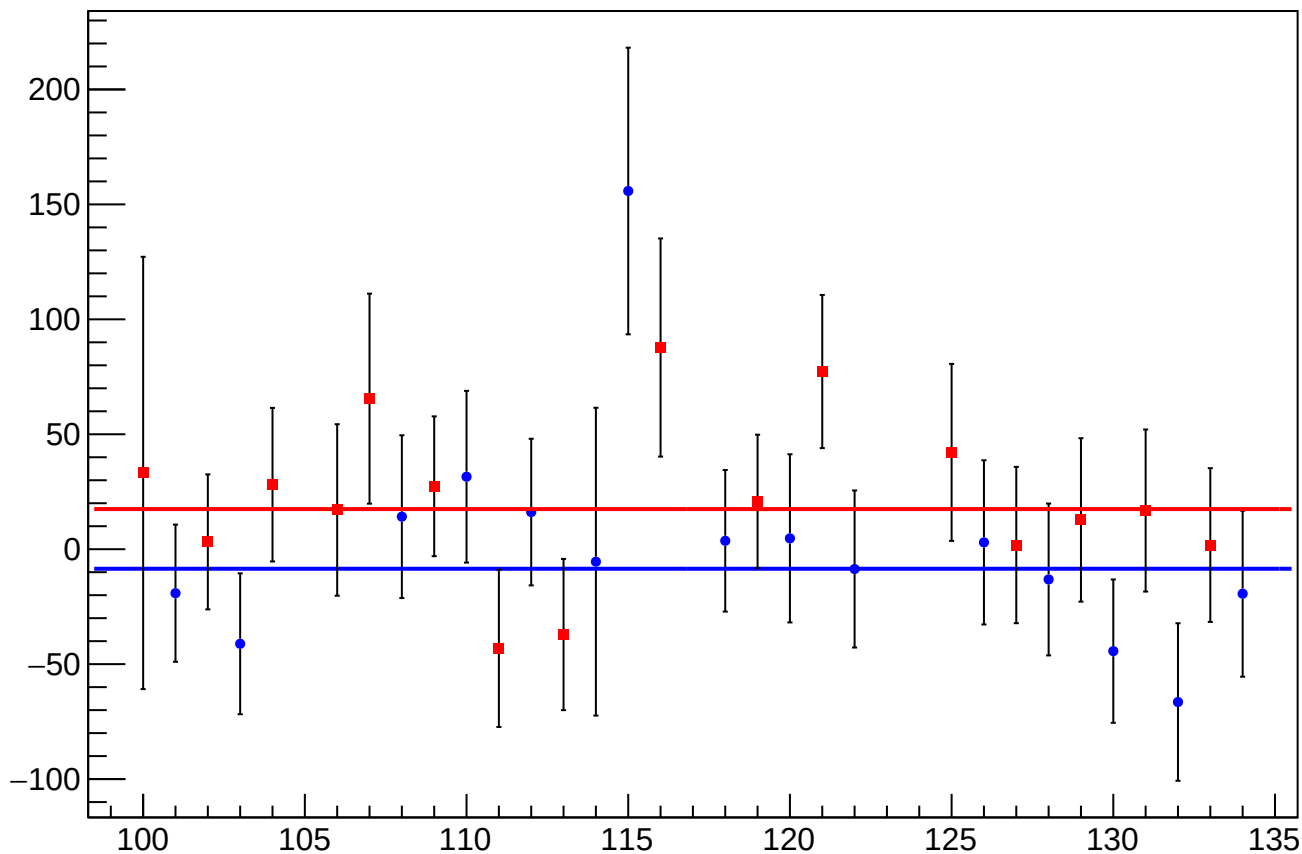
Right: 183.864+/-0.039 χ^2/NDF : 2610000.9/30

In: 195.571+/-0.058 χ^2/NDF : 1010773.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.864+/-0.039 χ^2/NDF : 2610000.9/30

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -8.504 ± 9.064 χ^2/NDF : 15.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.456 ± 8.842 χ^2/NDF : 13.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

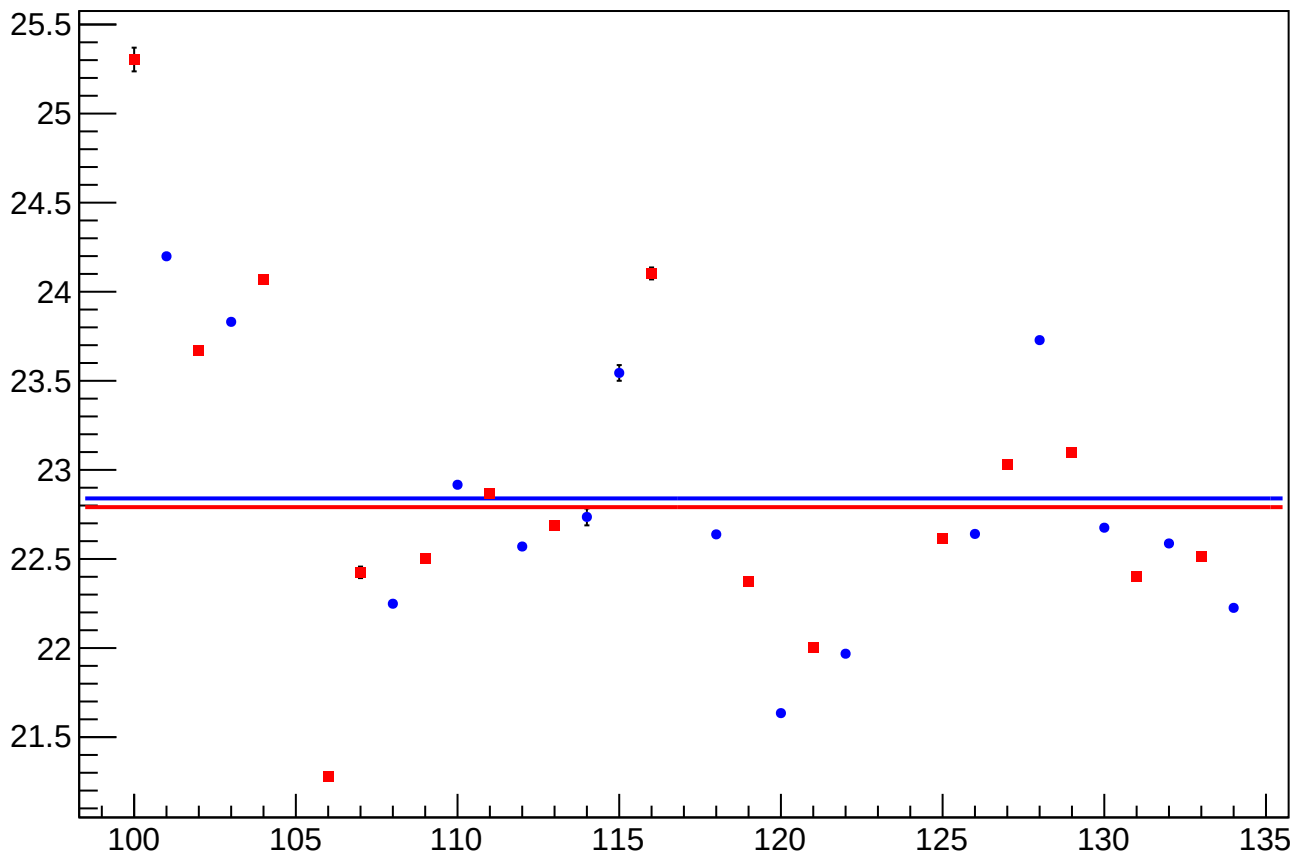
Right: 4.797 ± 6.329 χ^2/NDF : 33.0/30

In: -8.504 ± 9.064 χ^2/NDF : 15.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.797 ± 6.329 χ^2/NDF : 33.0/30

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.840+/-0.006 χ^2/NDF : 13022.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.791+/-0.006 χ^2/NDF : 13472.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

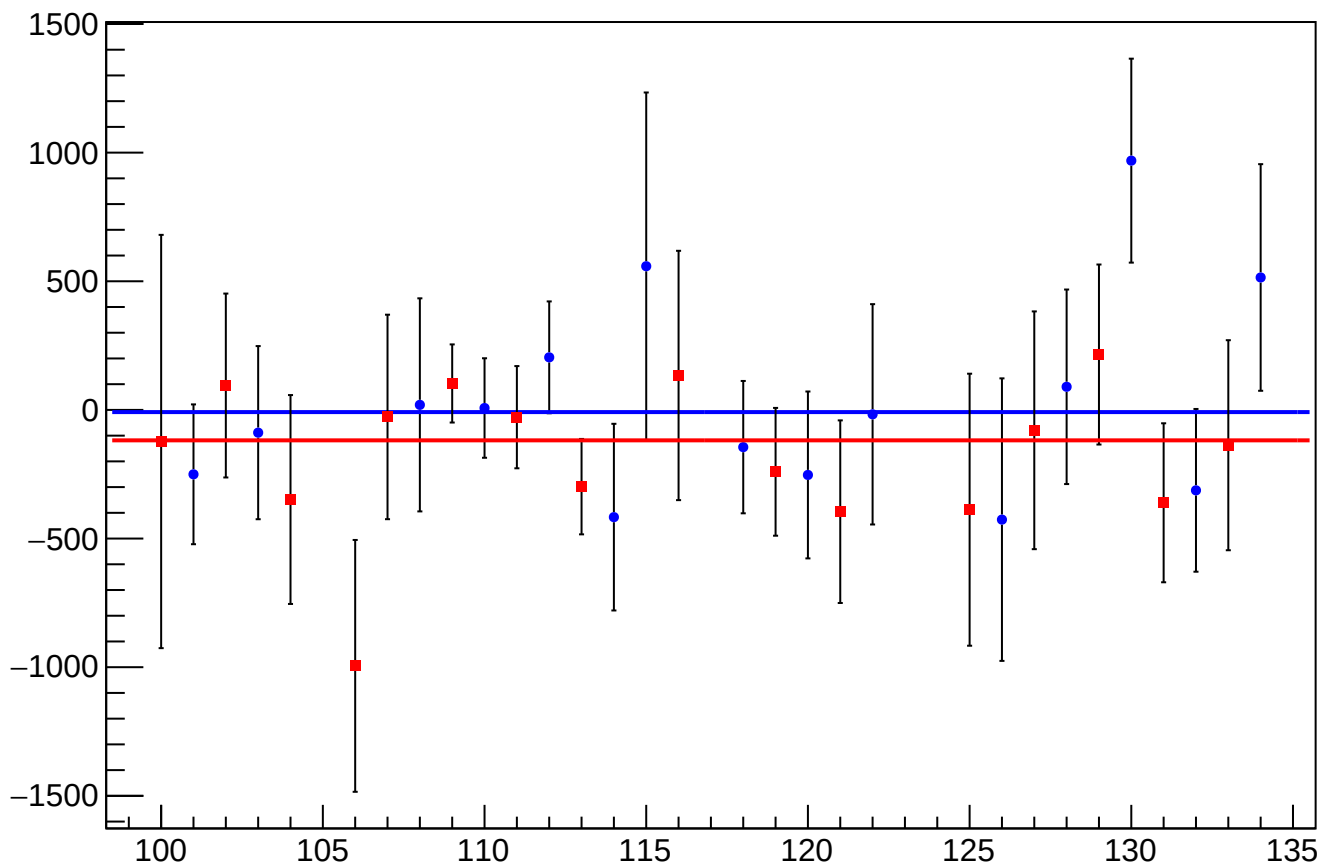
Right: 22.815+/-0.004 χ^2/NDF : 26524.6/30

In: 22.840+/-0.006 χ^2/NDF : 13022.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.815+/-0.004 χ^2/NDF : 26524.6/30

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -8.460 $\pm$ 82.250 χ^2 /NDF: 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -118.303 $\pm$ 73.505 χ^2 /NDF: 10.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

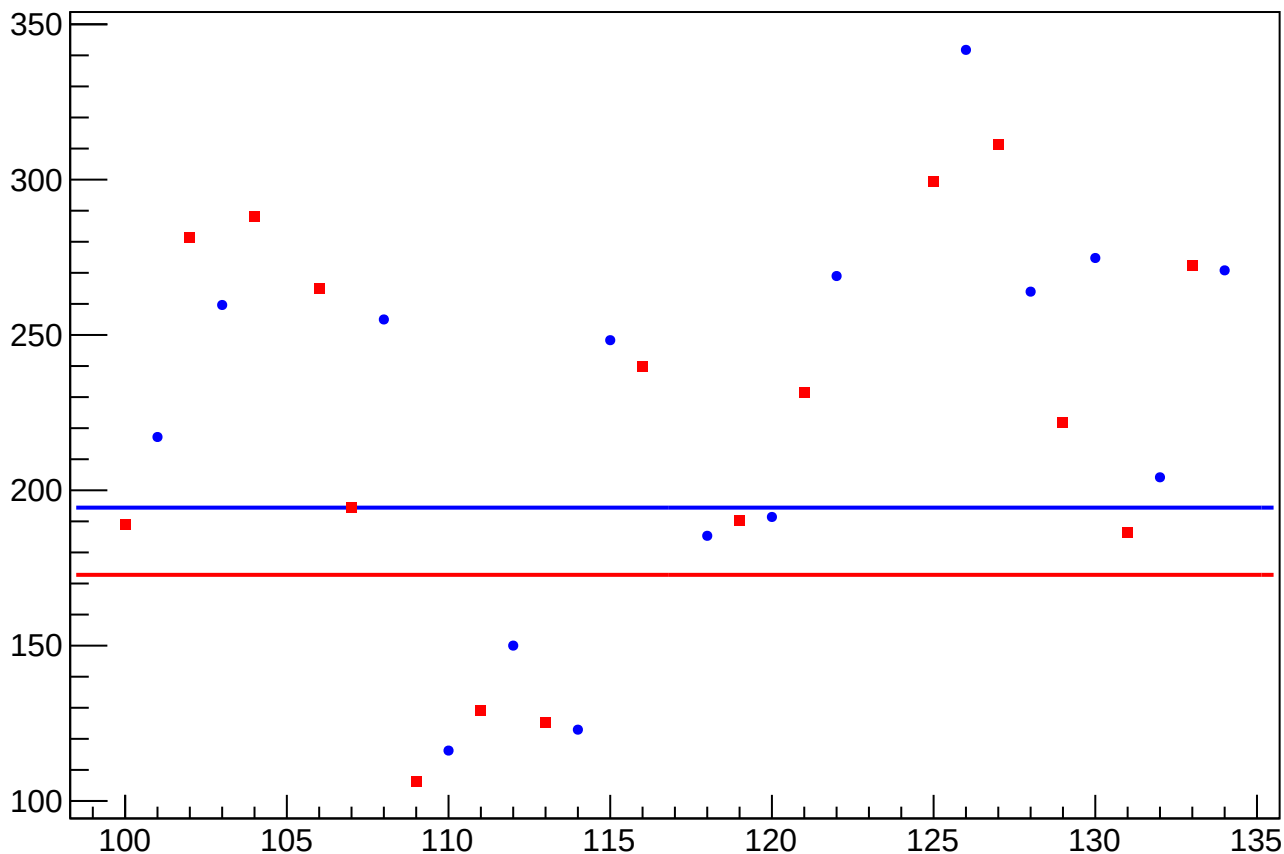
Right: -69.529 $\pm$ 54.808 χ^2 /NDF: 24.8/30

In: -8.460 $\pm$ 82.250 χ^2 /NDF:13.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.529 $\pm$ 54.808 χ^2 /NDF: 24.8/30

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 194.424+/-0.058 χ^2/NDF : 1052110.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.788+/-0.052 χ^2/NDF : 1594746.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

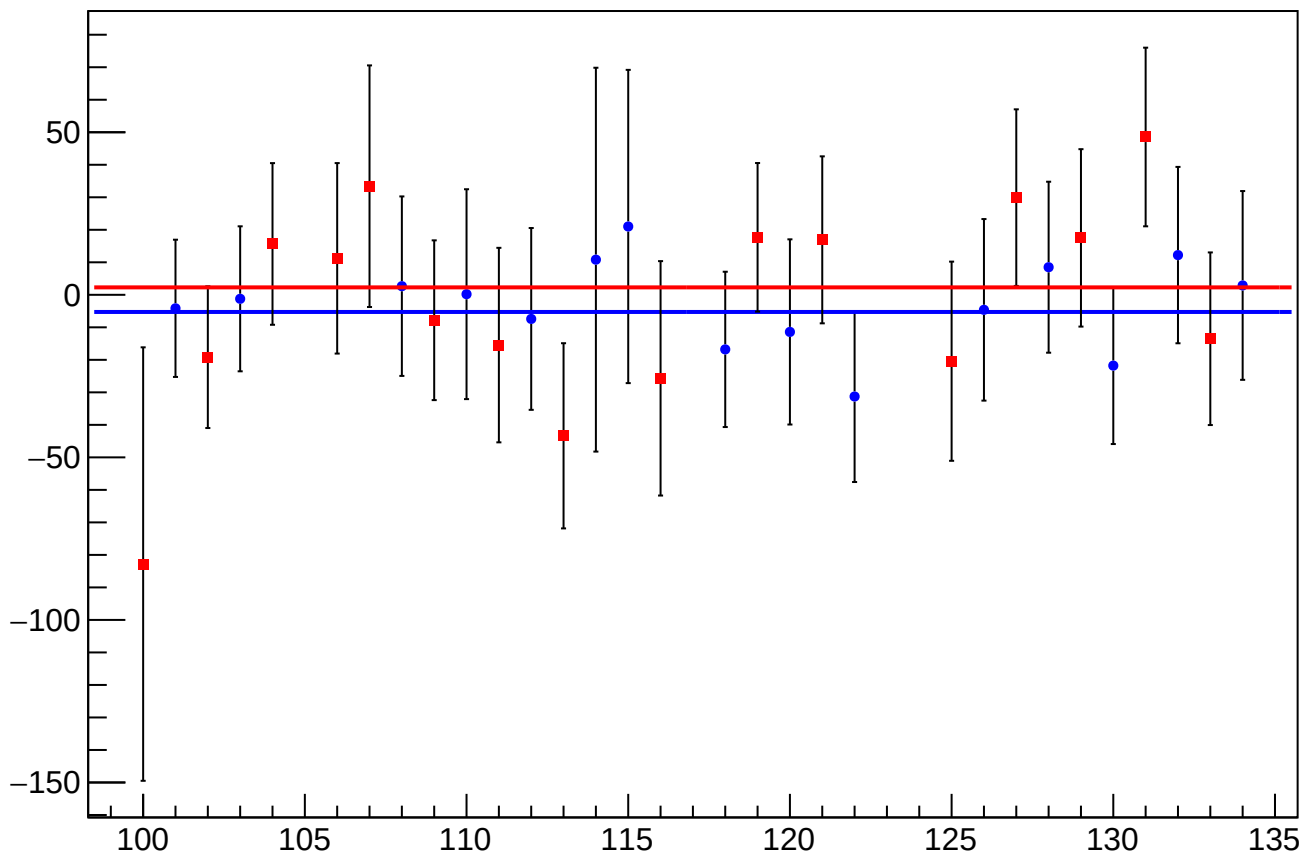
Right: 182.395+/-0.039 χ^2/NDF : 2723795.7/30

In: 194.424+/-0.058 χ^2/NDF : 1052110.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.395+/-0.039 χ^2/NDF : 2723795.7/30

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.274+/-7.080 χ^2/NDF : 3.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.288+/-6.975 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

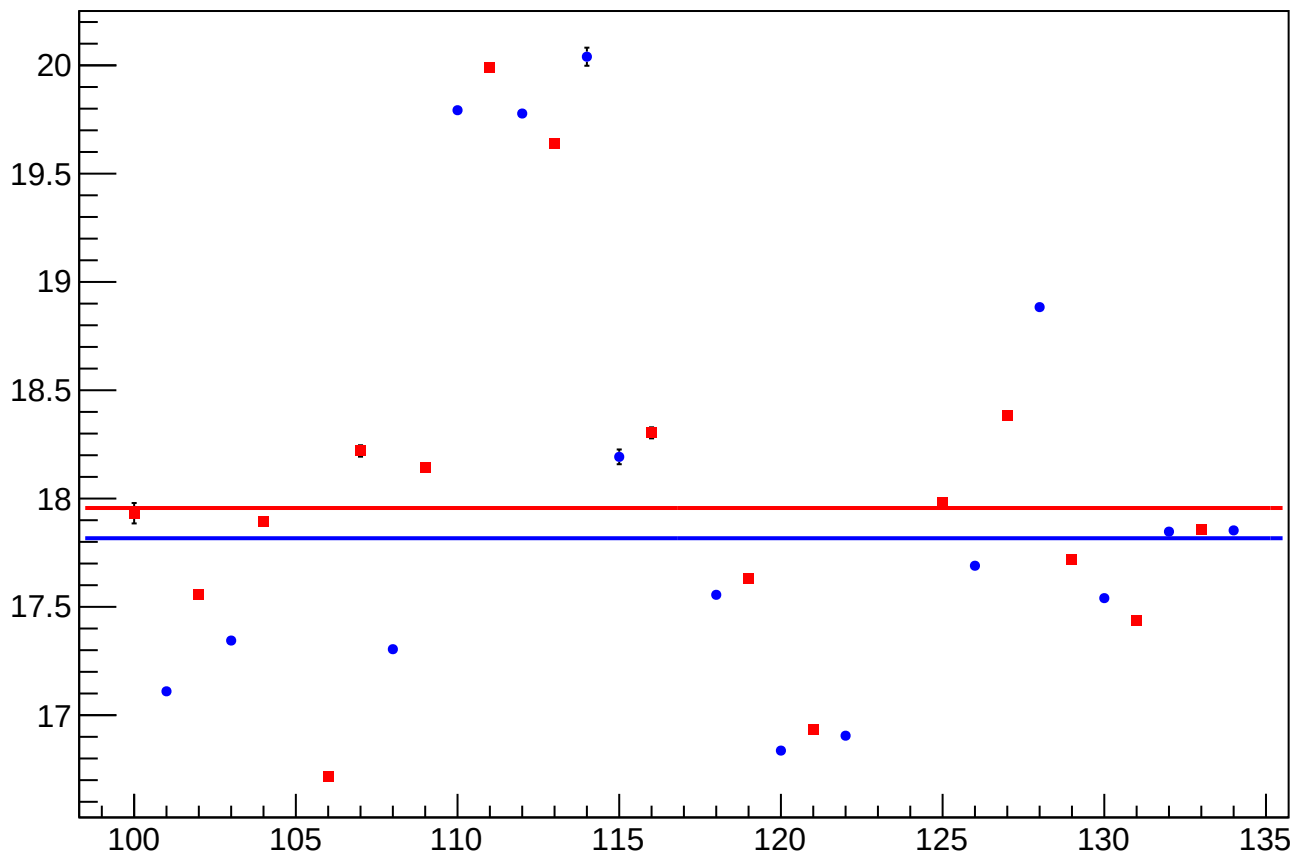
Right: -1.437+/-4.969 χ^2/NDF : 16.8/30

In: -5.274+/-7.080 χ^2/NDF : 3.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.437+/-4.969 χ^2/NDF : 16.8/30

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.817+/-0.005 χ^2/NDF : 32728.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.956+/-0.005 χ^2/NDF : 25842.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

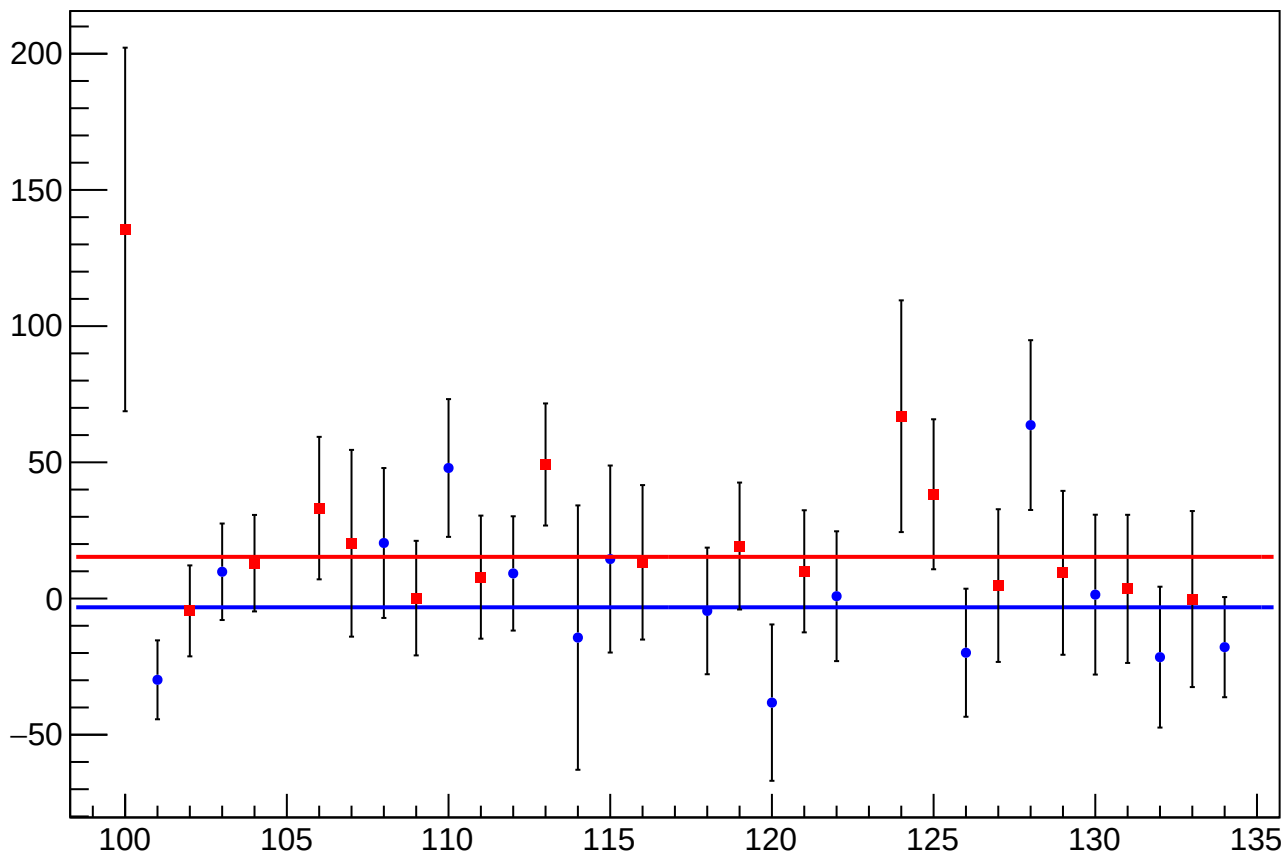
Right: 17.888+/-0.004 χ^2/NDF : 58965.7/30

In: 17.817+/-0.005 χ^2/NDF : 32728.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.888+/-0.004 χ^2/NDF : 58965.7/30

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -3.217 $\pm$ 6.012 χ^2/NDF : 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 15.298 $\pm$ 6.068 χ^2/NDF : 10.9/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

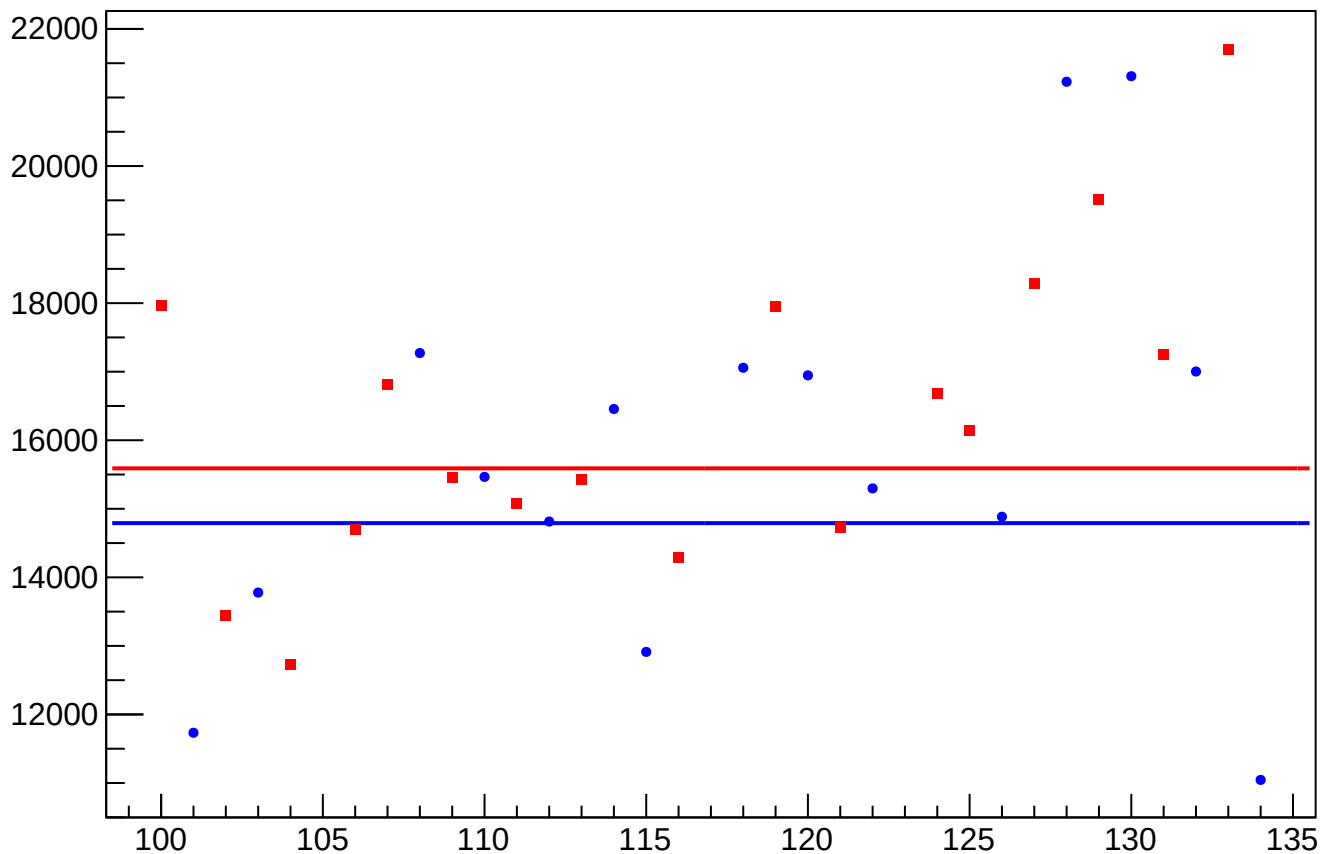
Right: 5.956 $\pm$ 4.271 χ^2/NDF : 32.8/31

In: -3.217 $\pm$ 6.012 χ^2/NDF : 17.2/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 5.956 $\pm$ 4.271 χ^2/NDF : 32.8/31

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14790.931+/-4.251 χ^2/NDF : 434664.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15590.060+/-4.291 χ^2/NDF : 255437.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

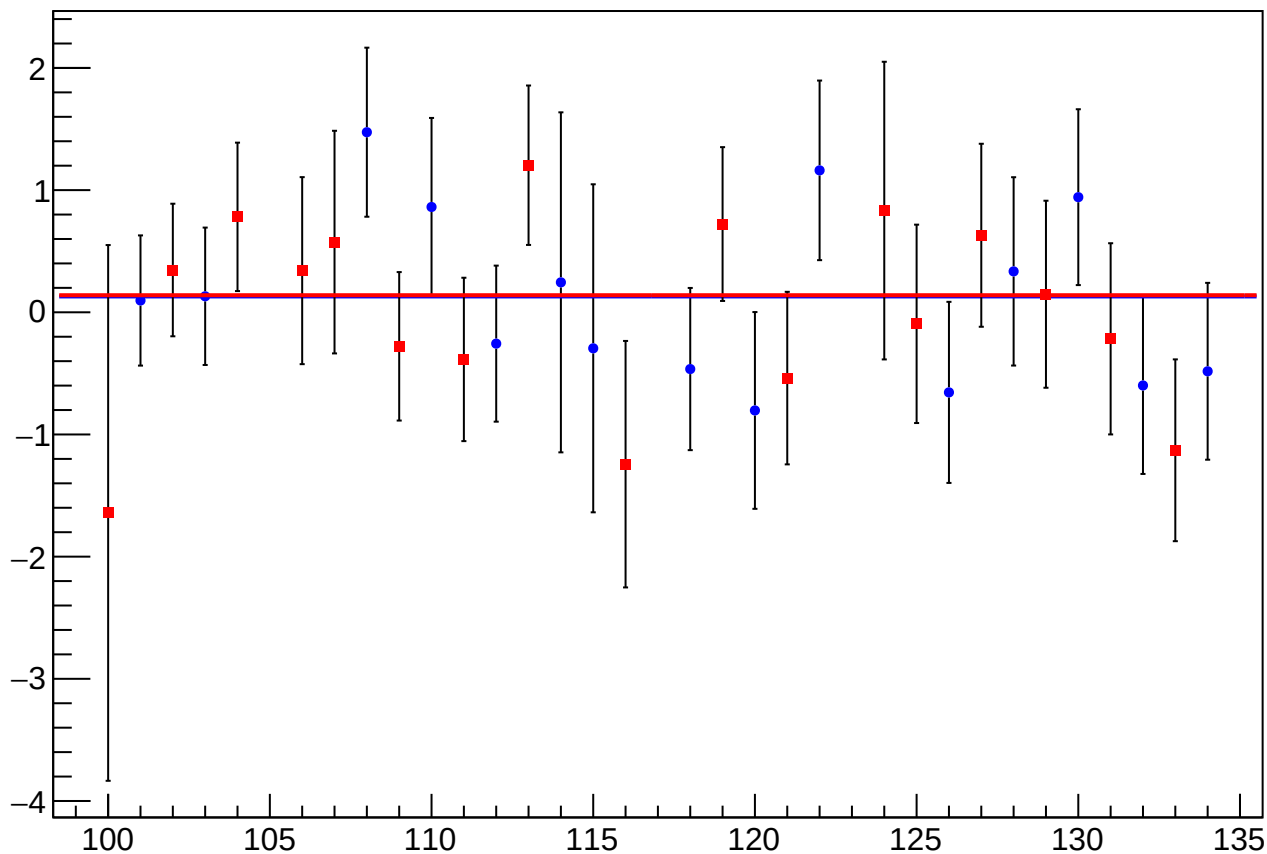
Right: 15186.834+/-3.020 χ^2/NDF : 707605.6/31

In: 14790.931+/-4.251 χ^2/NDF : 434664.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15186.834+/-3.020 χ^2/NDF : 707605.6/31

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.130 $\pm$ 0.185 χ^2 /NDF: 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.140 $\pm$ 0.179 χ^2 /NDF: 13.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

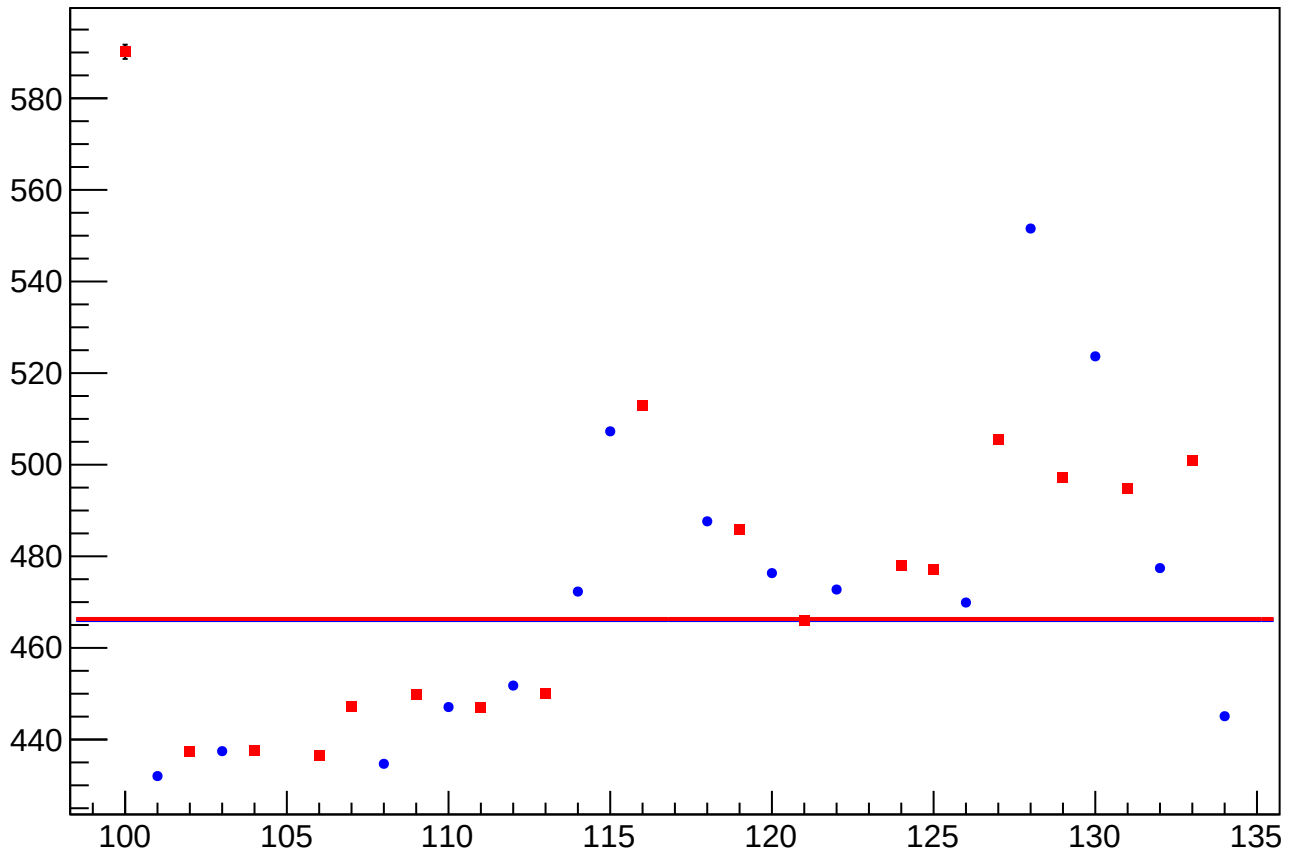
Right: 0.135 $\pm$ 0.129 χ^2 /NDF: 27.2/31

In: 0.130 $\pm$ 0.185 χ^2 /NDF:13.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.135 $\pm$ 0.129 χ^2 /NDF: 27.2/31

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 466.078+/-0.131 χ^2/NDF : 63987.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.321+/-0.127 χ^2/NDF : 47224.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

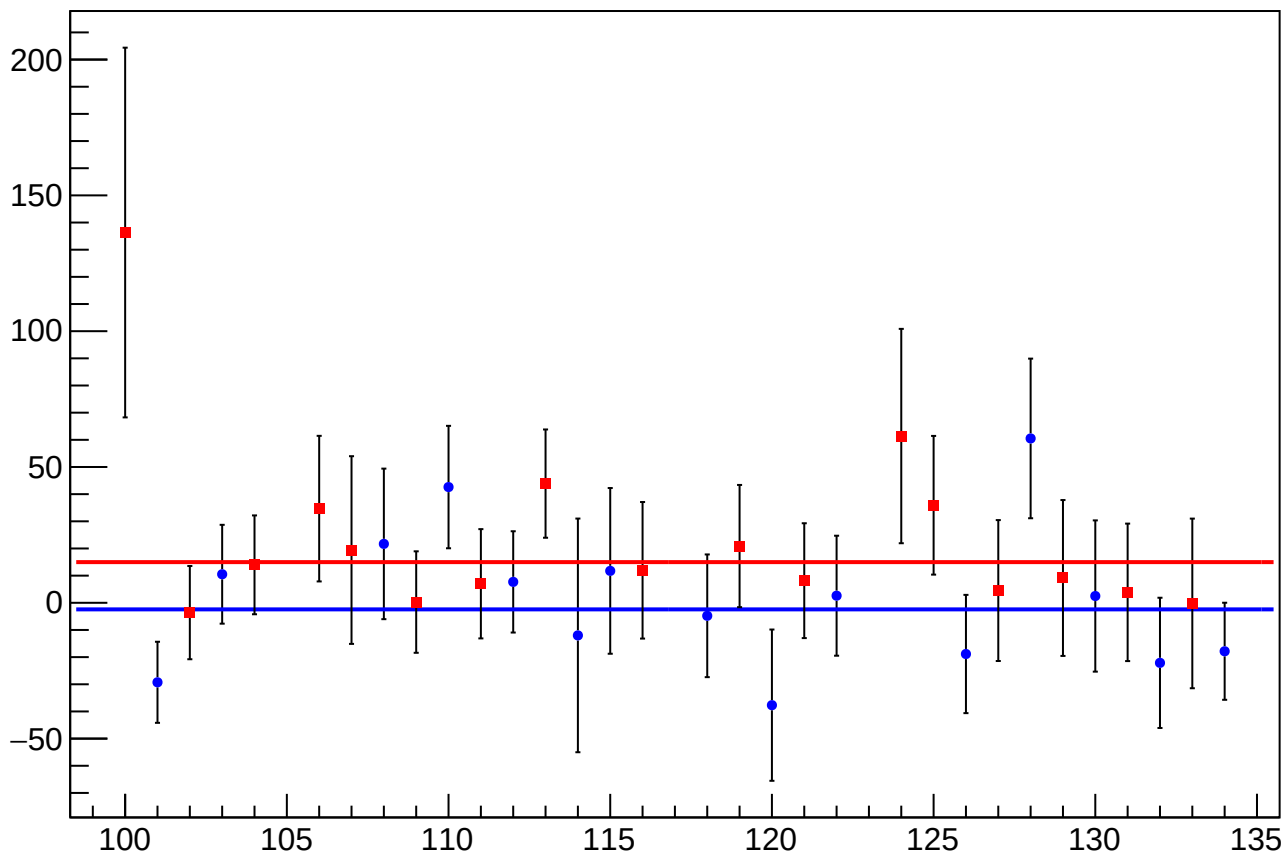
Right: 466.203+/-0.091 χ^2/NDF : 111212.9/31

In: 466.078+/-0.131 χ^2/NDF : 63987.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.203+/-0.091 χ^2/NDF : 111212.9/31

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -2.422 ± 5.773 χ^2/NDF : 17.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.978 ± 5.776 χ^2/NDF : 10.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

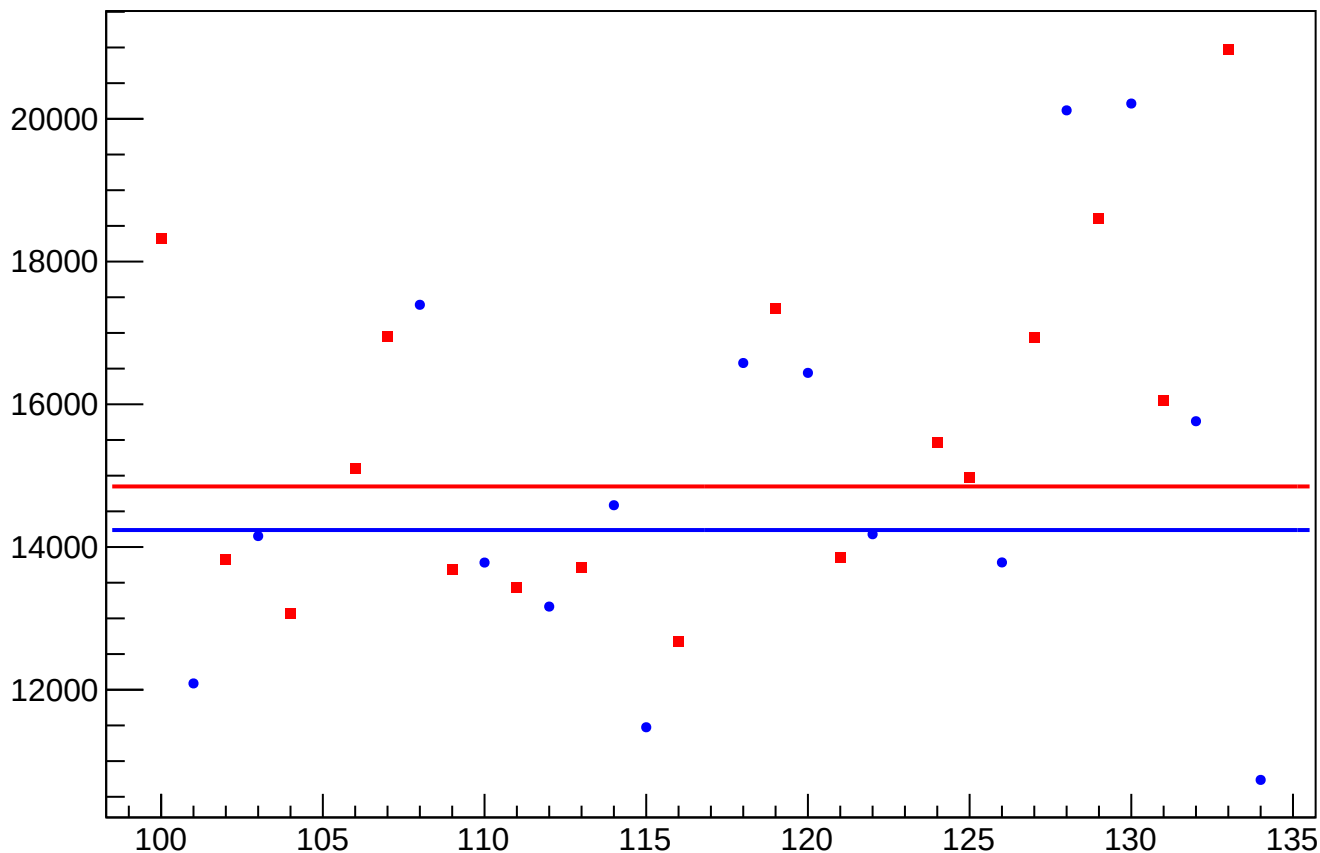
Right: 6.274 ± 4.083 χ^2/NDF : 32.5/31

In: -2.422 ± 5.773 χ^2/NDF : 17.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.274 ± 4.083 χ^2/NDF : 32.5/31

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 14237.992+/-4.082 χ^2/NDF : 383447.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14848.802+/-4.084 χ^2/NDF : 236673.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

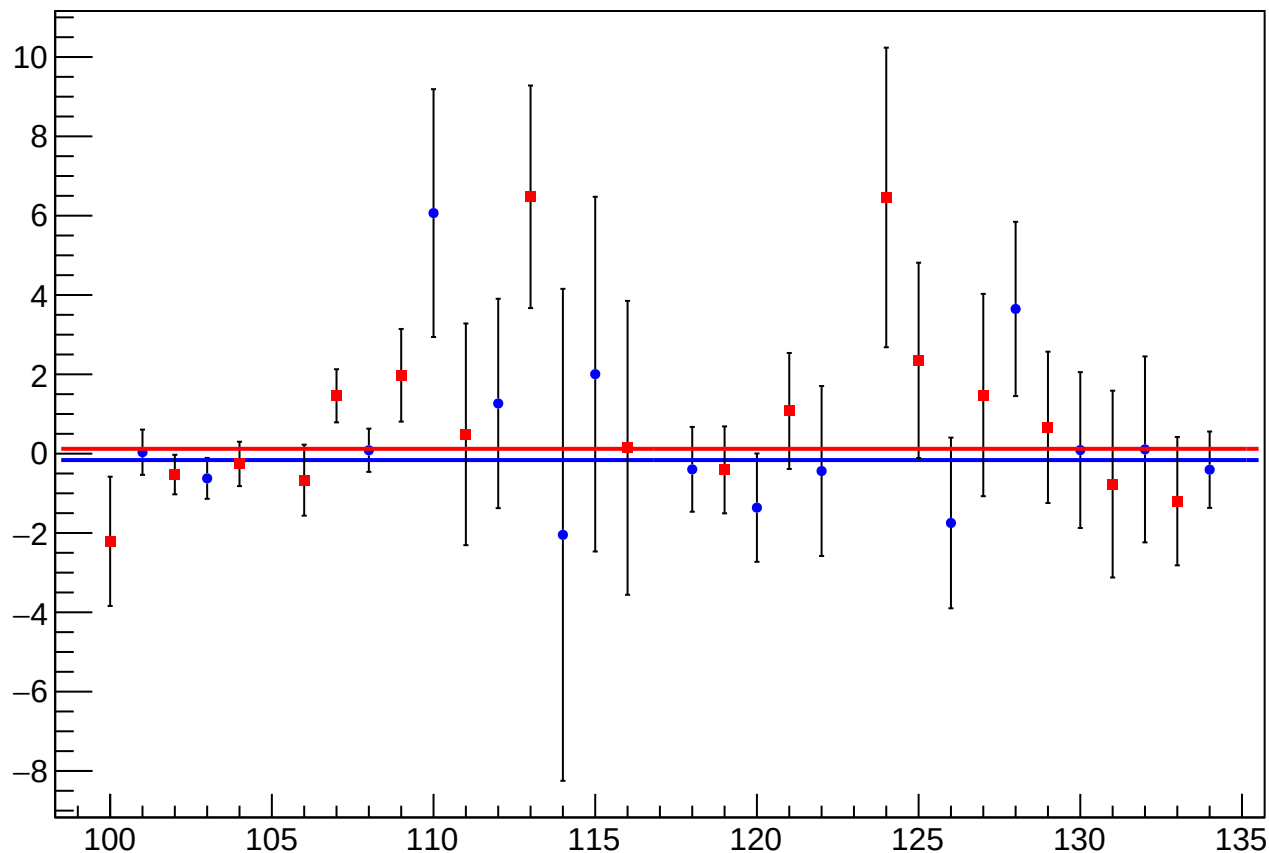
Right: 14543.259+/-2.887 χ^2/NDF : 631309.6/31

In: 14237.992+/-4.082 χ^2/NDF :383447.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14543.259+/-2.887 χ^2/NDF : 631309.6/31

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.162 ± 0.266 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.122 ± 0.261 χ^2/NDF : 22.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

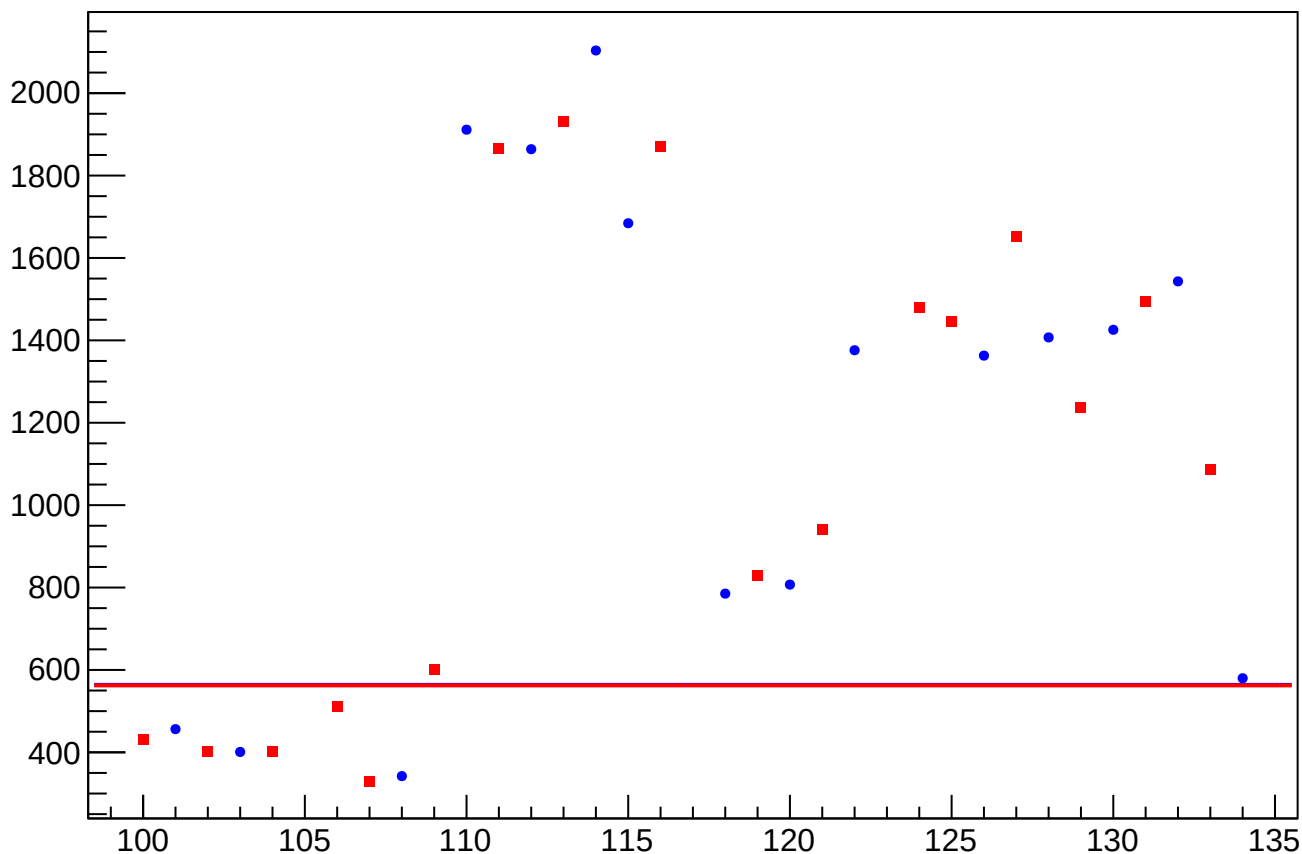
Right: -0.017 ± 0.186 χ^2/NDF : 32.9/31

In: -0.162 ± 0.266 χ^2/NDF : 10.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.186 χ^2/NDF : 32.9/31

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 563.697+/-0.188 χ^2/NDF : 3449940.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.487+/-0.185 χ^2/NDF : 3566852.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

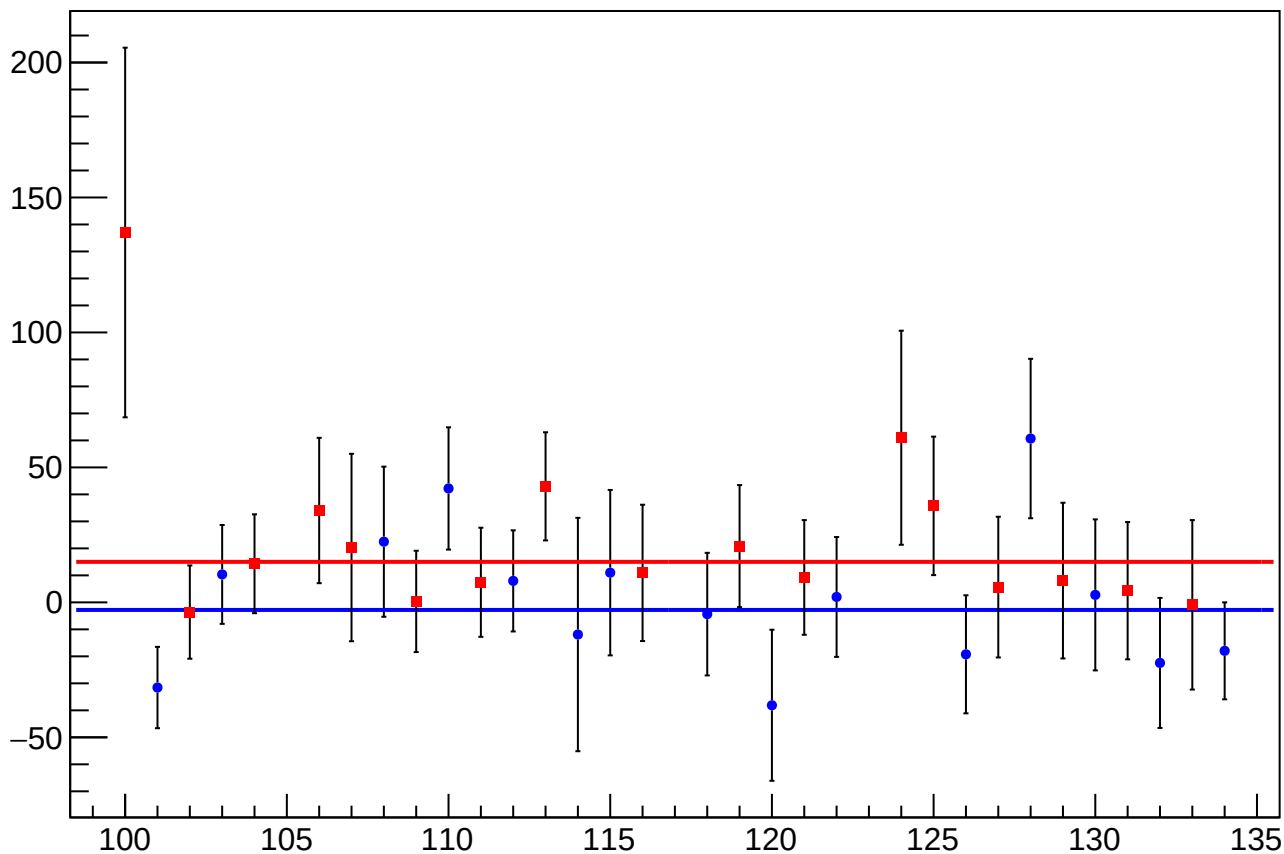
Right: 563.080+/-0.132 χ^2/NDF : 7016814.4/31

In: 563.697+/-0.188 χ^2/NDF : 3449940.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.080+/-0.132 χ^2/NDF : 7016814.4/31

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -2.805+/-5.806 χ^2/NDF : 17.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.008+/-5.806 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

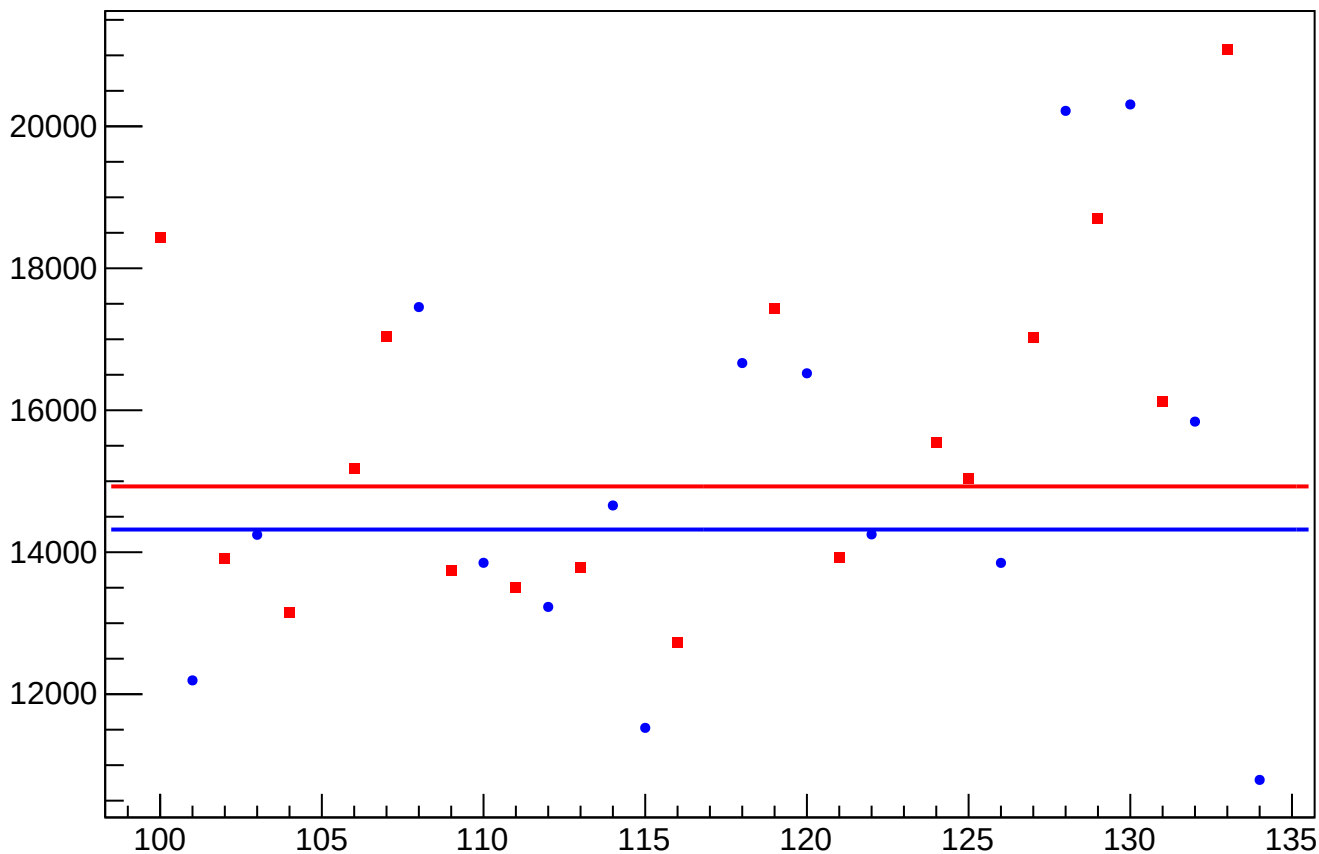
Right: 6.102+/-4.106 χ^2/NDF : 32.8/31

In: -2.805+/-5.806 χ^2/NDF : 17.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.102+/-4.106 χ^2/NDF : 32.8/31

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14319.745+/-4.106 χ^2/NDF : 380806.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14926.968+/-4.106 χ^2/NDF : 236056.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

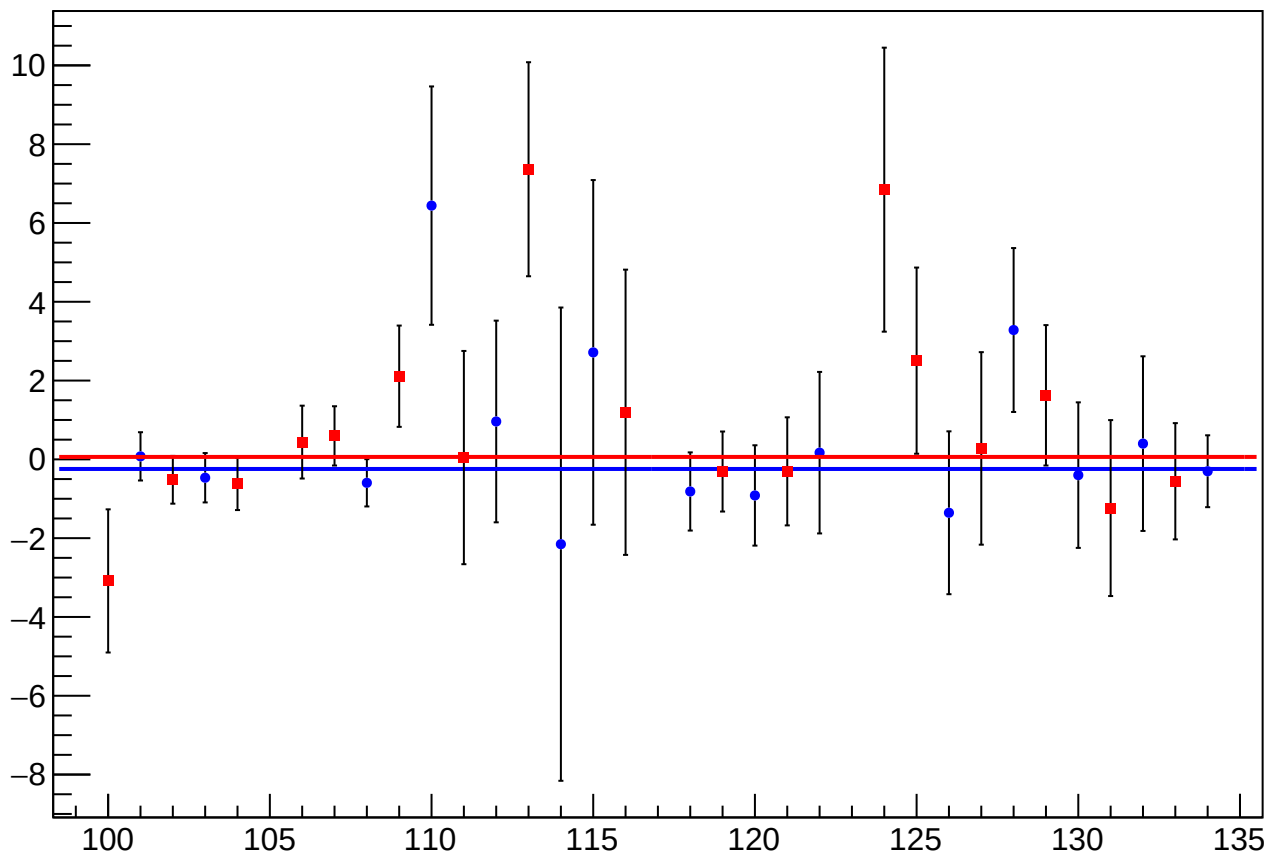
Right: 14623.365+/-2.903 χ^2/NDF : 627798.8/31

In: 14319.745+/-4.106 χ^2/NDF : 380806.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14623.365+/-2.903 χ^2/NDF : 627798.8/31

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.244 ± 0.284 χ^2/NDF : 10.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.062 ± 0.288 χ^2/NDF : 21.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

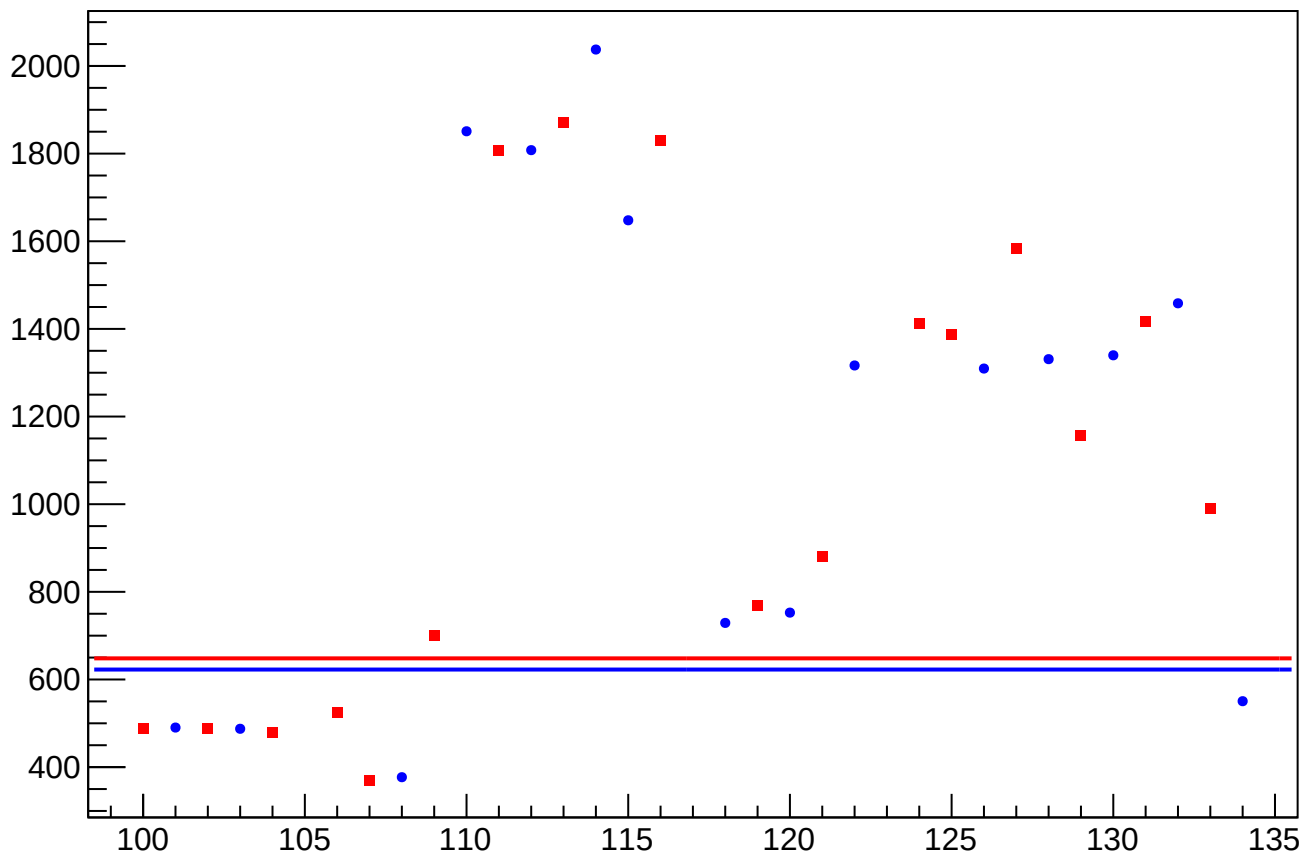
Right: -0.093 ± 0.202 χ^2/NDF : 32.5/31

In: -0.244 ± 0.284 χ^2/NDF : 10.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.093 ± 0.202 χ^2/NDF : 32.5/31

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 622.688+/-0.201 χ^2/NDF : 2825111.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 648.200+/-0.203 χ^2/NDF : 2754464.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

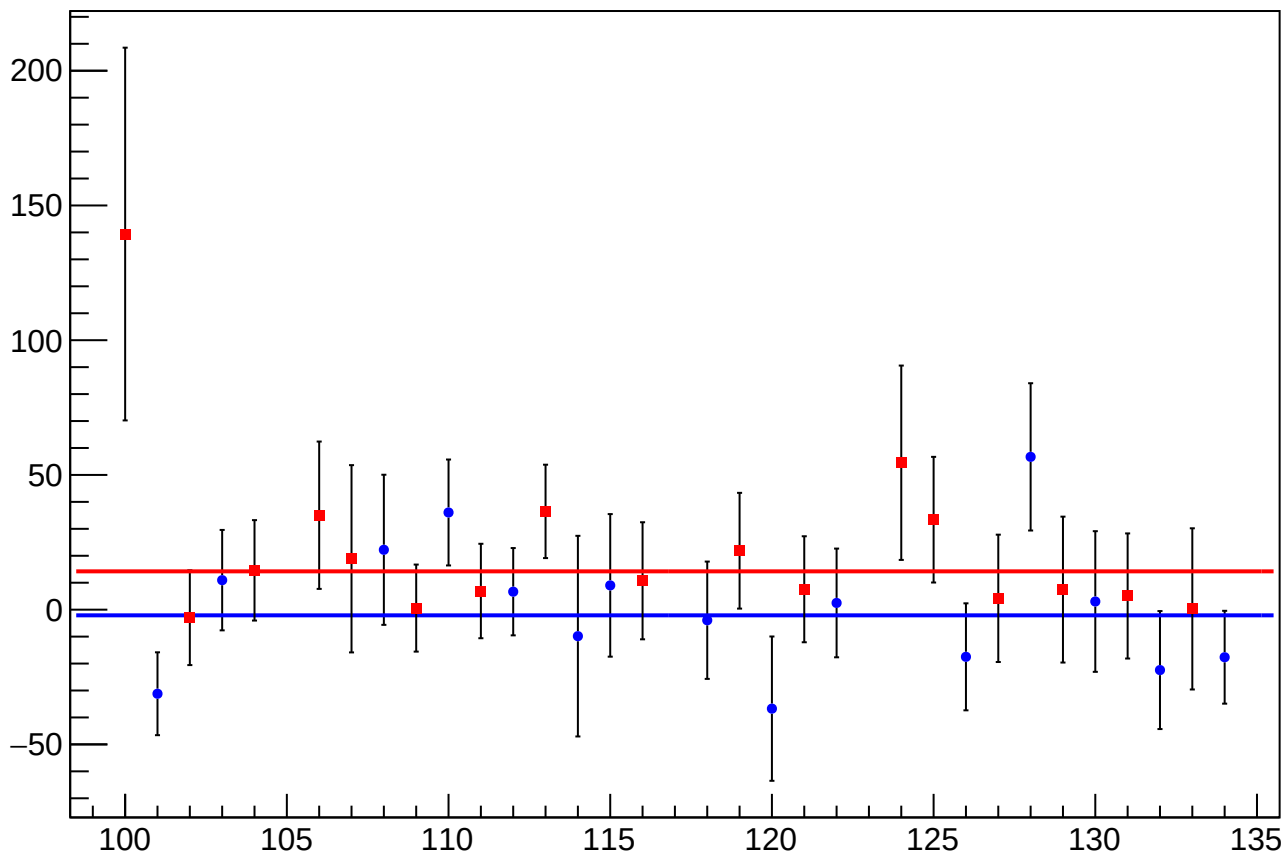
Right: 635.298+/-0.143 χ^2/NDF : 5587530.9/31

In: 622.688+/-0.201 χ^2/NDF : 2825111.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.298+/-0.143 χ^2/NDF : 5587530.9/31

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -2.104+/-5.447 χ^2 /NDF: 17.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.218+/-5.383 χ^2 /NDF: 10.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

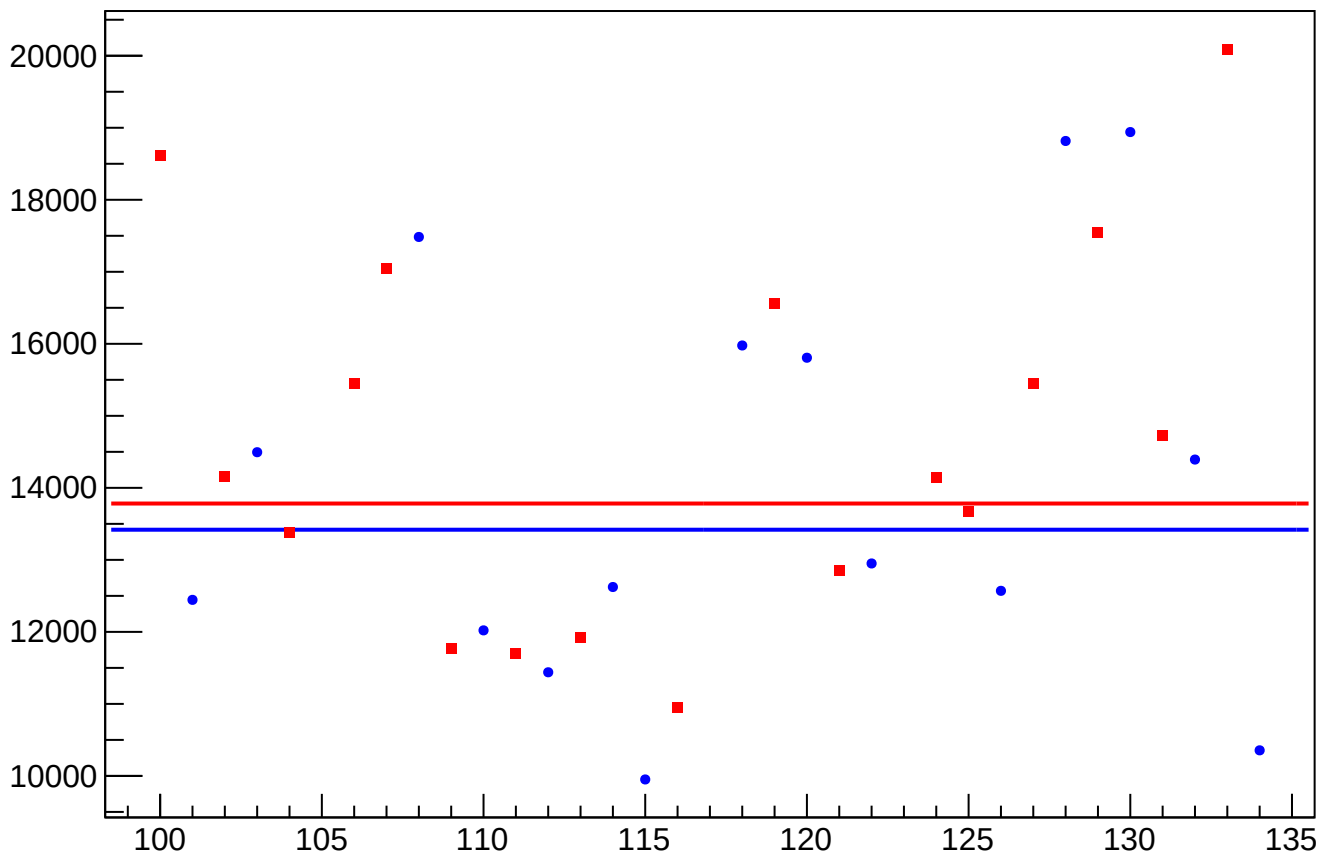
Right: 6.153+/-3.829 χ^2 /NDF: 32.5/31

In: -2.104+/-5.447 χ^2 /NDF:17.8/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 6.153+/-3.829 χ^2 /NDF: 32.5/31

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13418.678+/-3.851 χ^2/NDF : 415568.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13782.288+/-3.806 χ^2/NDF : 331967.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

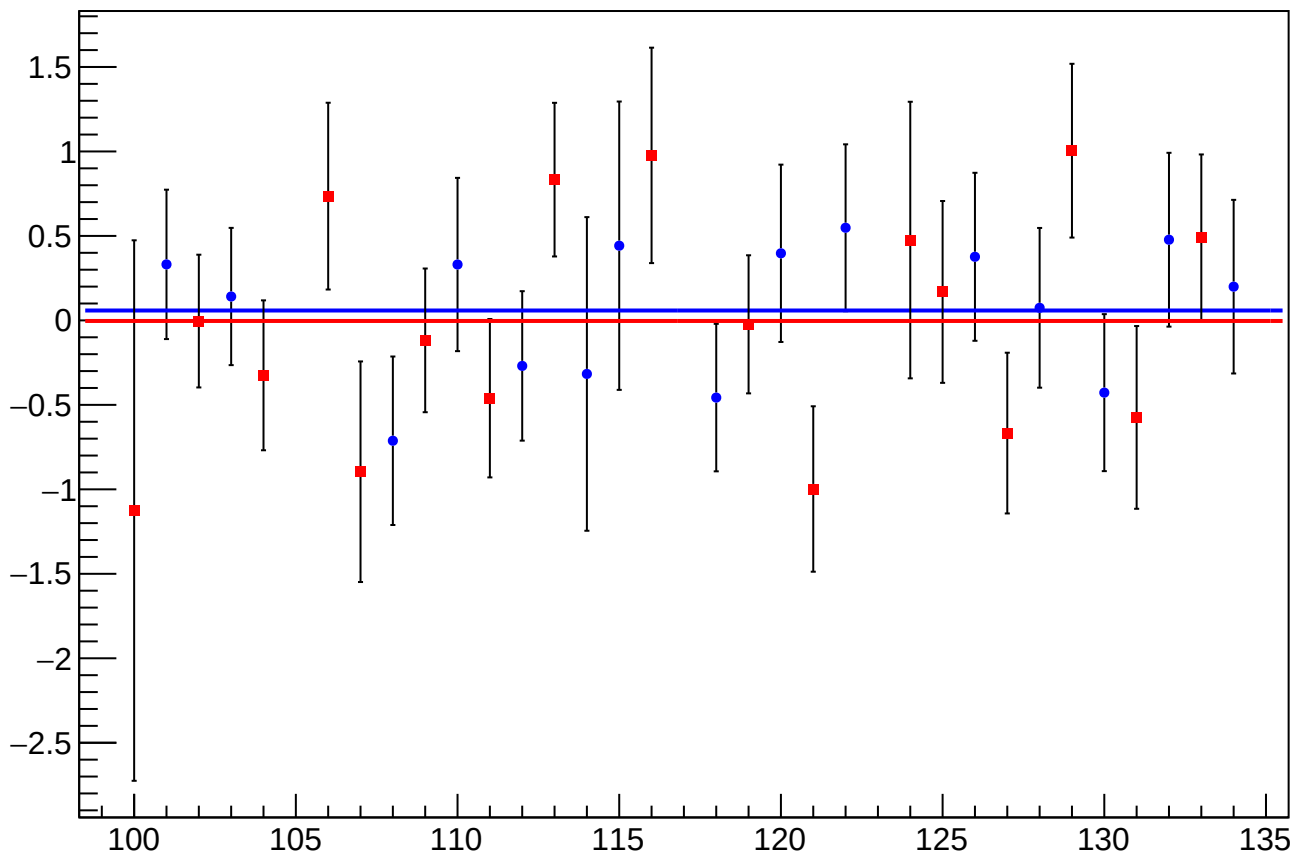
Right: 13602.632+/-2.707 χ^2/NDF : 752044.8/31

In: 13418.678+/-3.851 χ^2/NDF :415568.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13602.632+/-2.707 χ^2/NDF : 752044.8/31

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.129 χ^2/NDF : 9.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.123 χ^2/NDF : 23.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

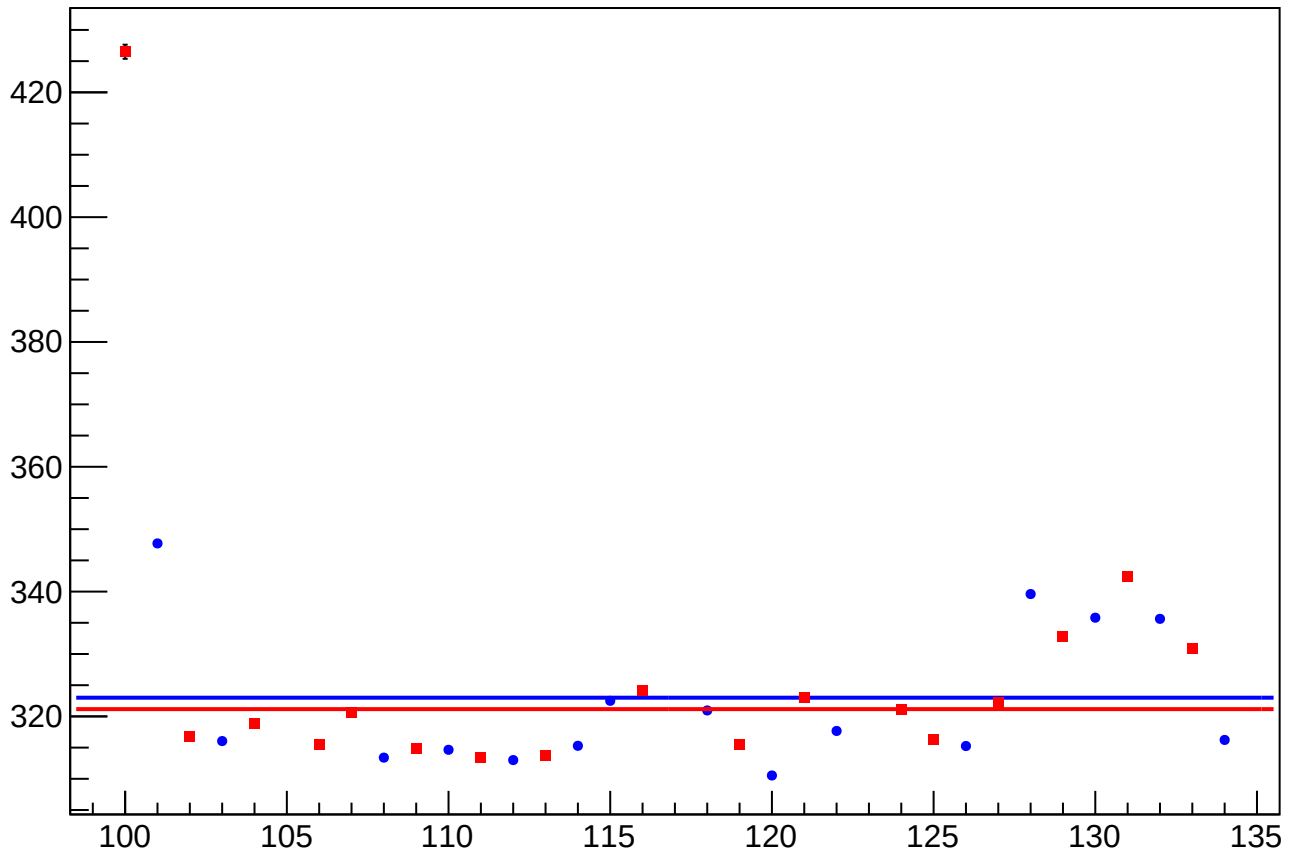
Right: 0.026+/-0.089 χ^2/NDF : 33.1/31

In: 0.059+/-0.129 χ^2/NDF : 9.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.089 χ^2/NDF : 33.1/31

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 322.997 $\pm$ 0.091 χ^2 /NDF: 16704.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 321.167 $\pm$ 0.087 χ^2 /NDF: 16226.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

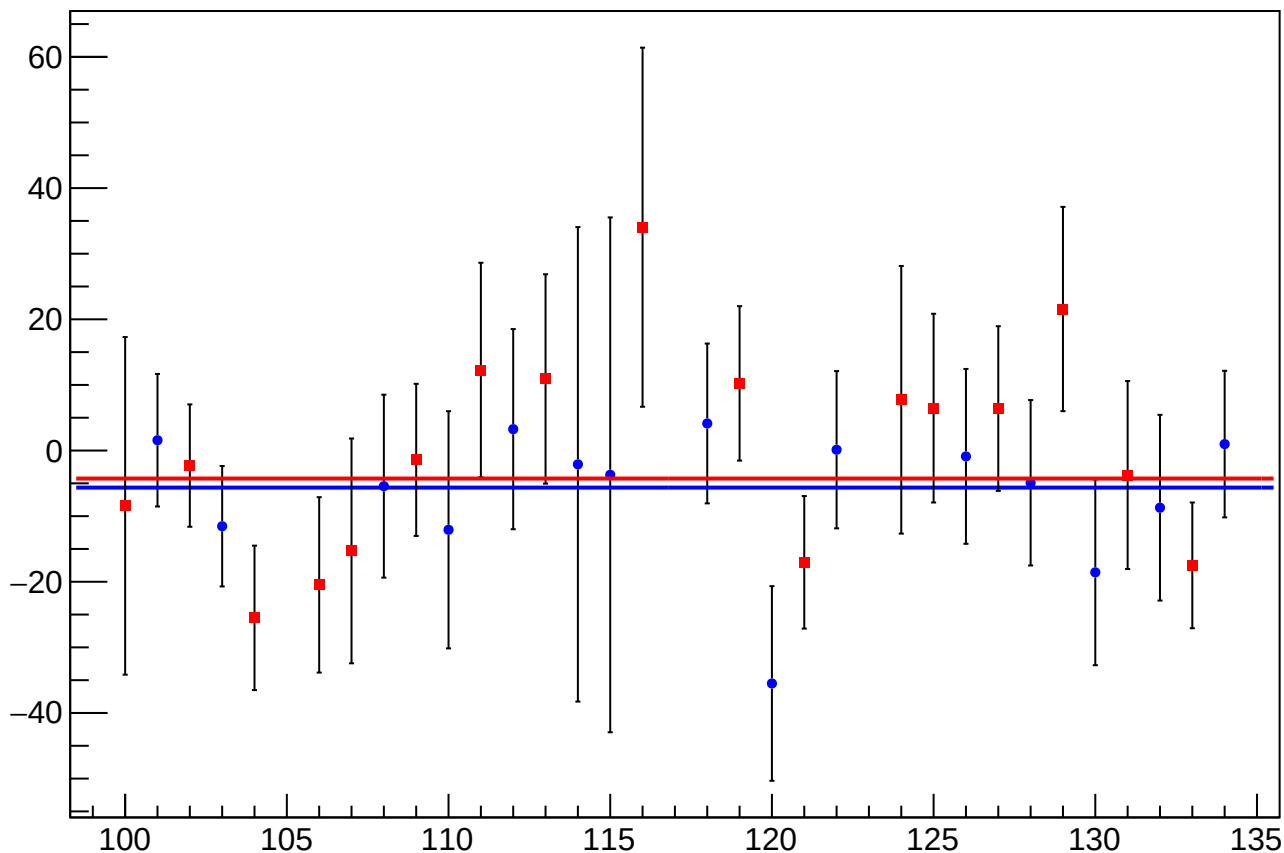
Right: 322.042 $\pm$ 0.063 χ^2 /NDF: 33141.9/31

In: 322.997 $\pm$ 0.091 χ^2 /NDF:16704.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.042 $\pm$ 0.063 χ^2 /NDF: 33141.9/31

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.651+/-3.455 χ^2/NDF : 7.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.269+/-3.207 χ^2/NDF : 19.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

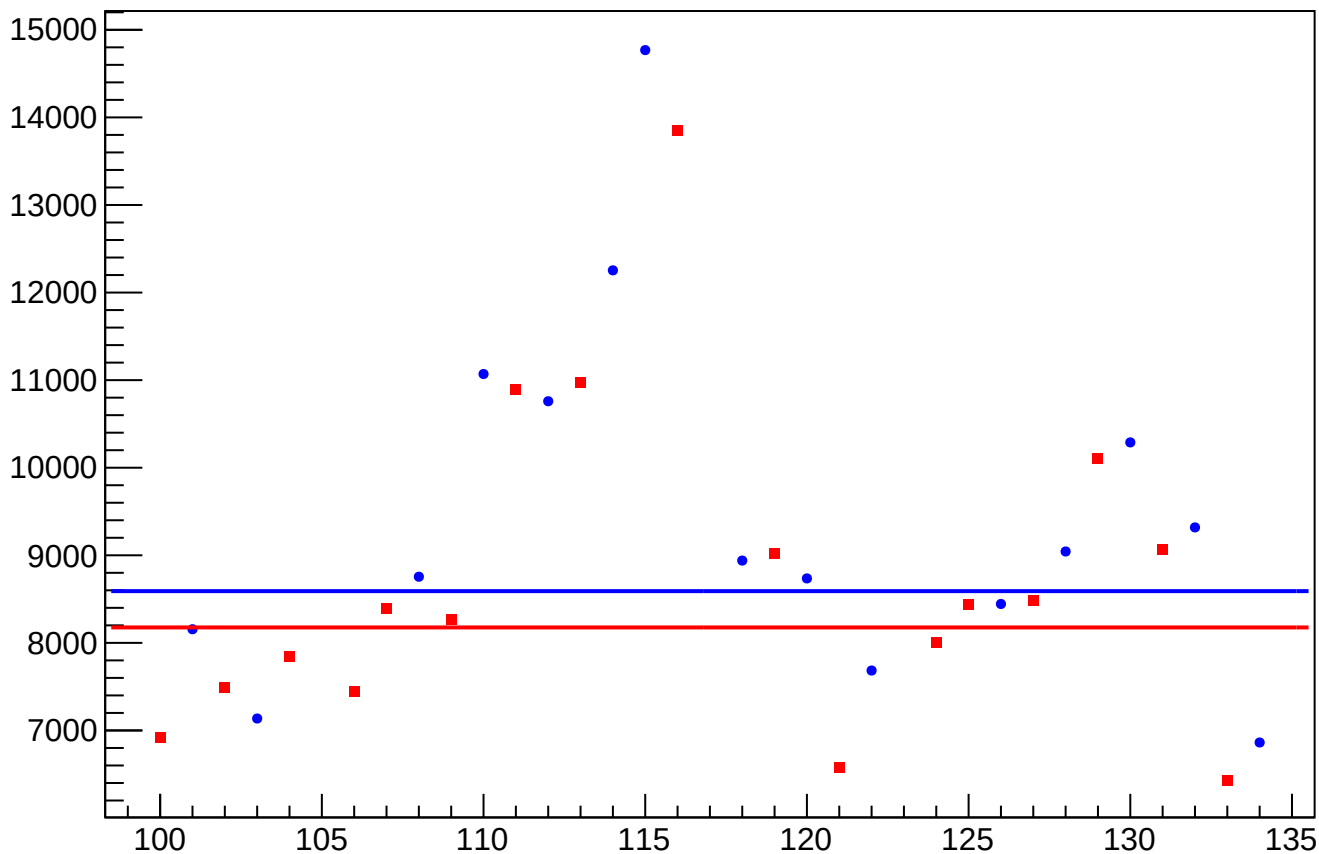
Right: -4.909+/-2.351 χ^2/NDF : 26.8/31

In: -5.651+/-3.455 χ^2/NDF : 7.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.909+/-2.351 χ^2/NDF : 26.8/31

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8590.868+/-2.443 χ^2/NDF : 300401.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8176.241+/-2.268 χ^2/NDF : 393664.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

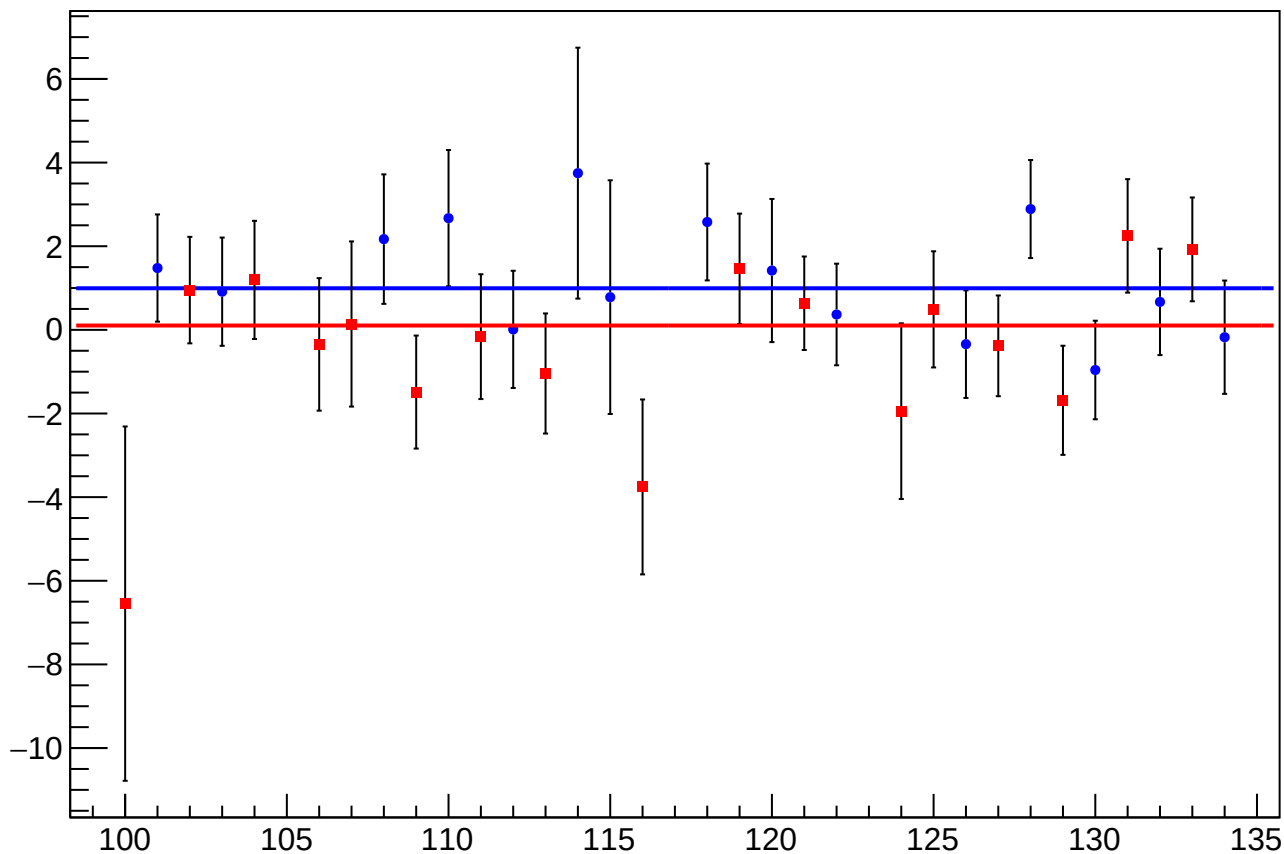
Right: 8368.156+/-1.662 χ^2/NDF : 709535.3/31

In: 8590.868+/-2.443 χ^2/NDF : 300401.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8368.156+/-1.662 χ^2/NDF : 709535.3/31

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 0.995 $\pm$ 0.365 χ^2 /NDF: 12.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.104 $\pm$ 0.351 χ^2 /NDF: 18.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

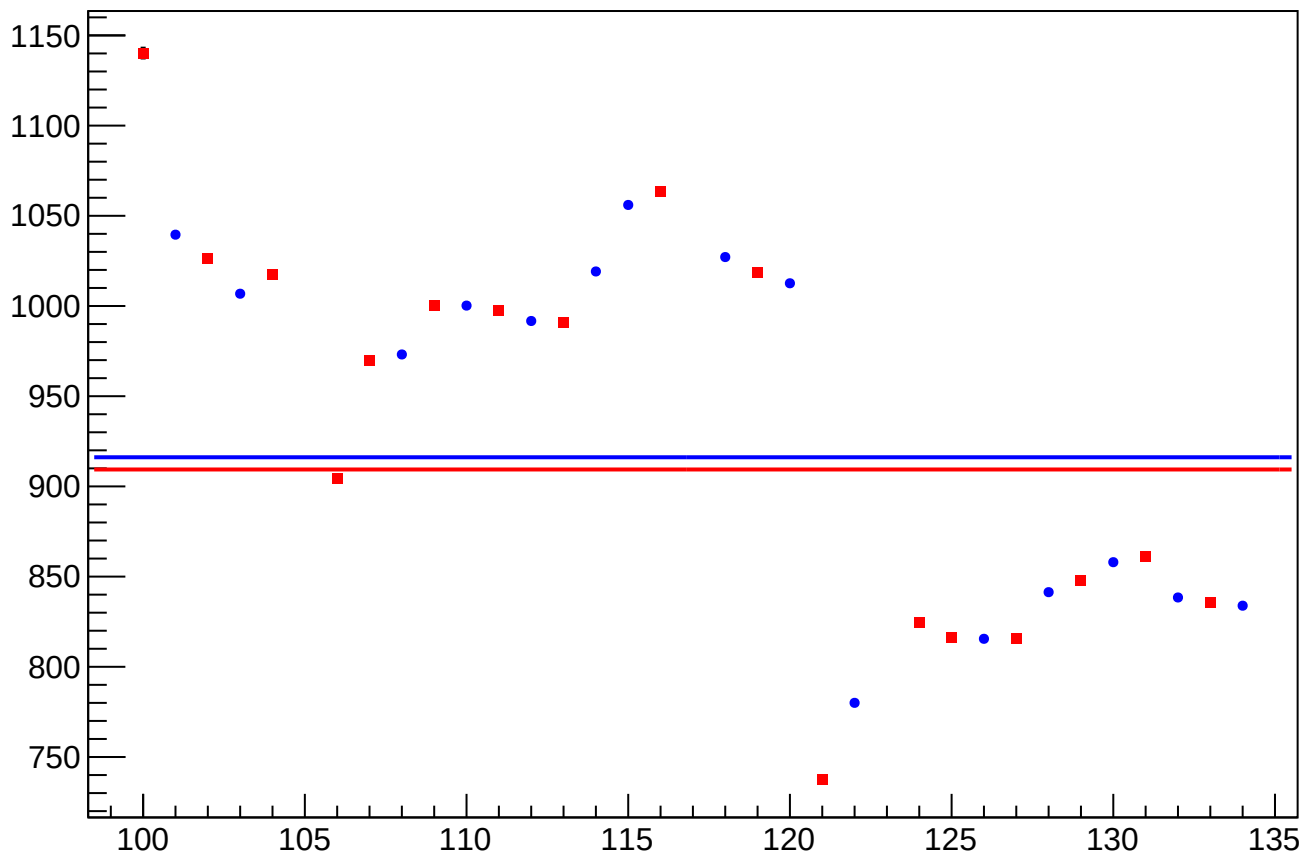
Right: 0.531 $\pm$ 0.253 χ^2 /NDF: 33.1/31

In: 0.995 $\pm$ 0.365 χ^2 /NDF:12.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.531 $\pm$ 0.253 χ^2 /NDF: 33.1/31

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 916.154+/-0.258 χ^2/NDF : 133745.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 909.379+/-0.248 χ^2/NDF : 169081.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

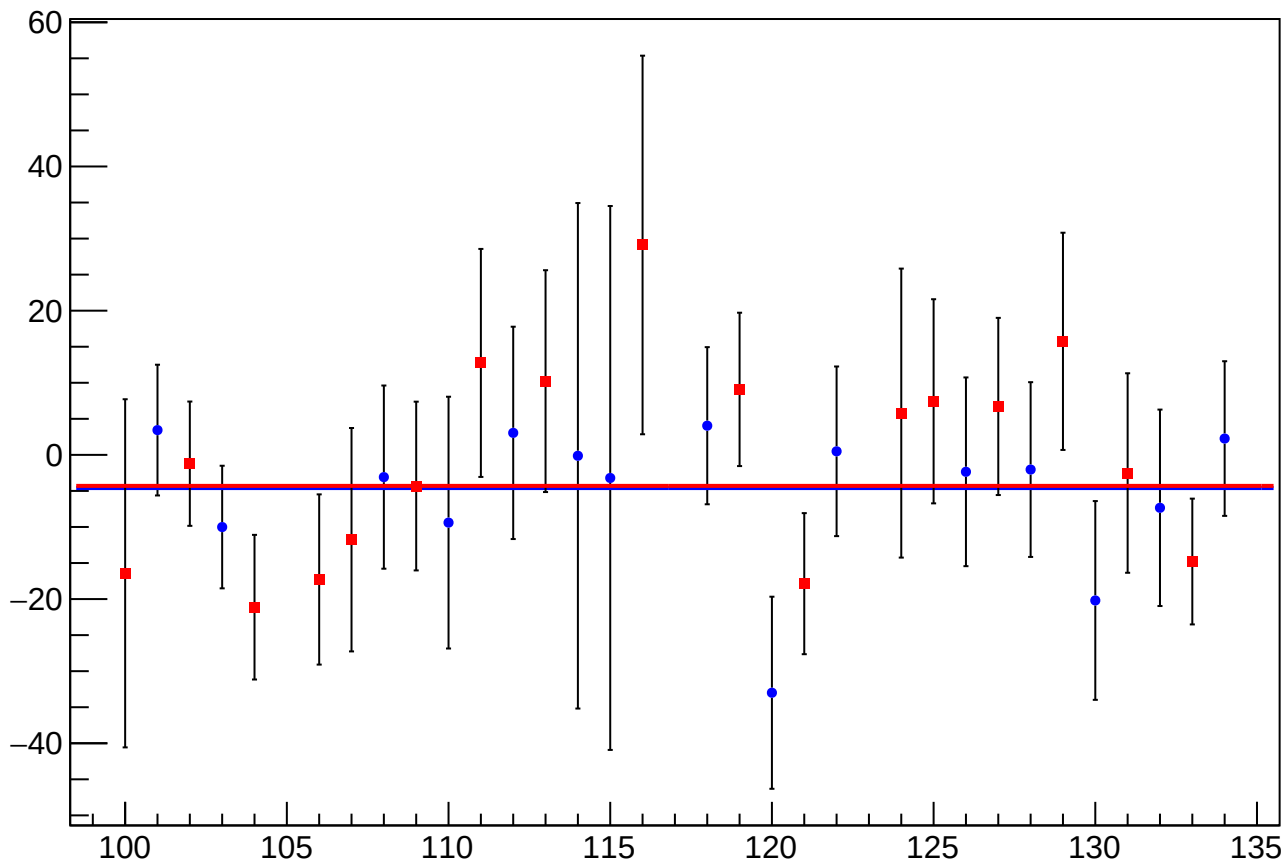
Right: 912.629+/-0.179 χ^2/NDF : 303185.3/31

In: 916.154+/-0.258 χ^2/NDF : 133745.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.629+/-0.179 χ^2/NDF : 303185.3/31

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -4.605+/-3.247 χ^2/NDF : 8.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.300+/-3.021 χ^2/NDF : 16.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

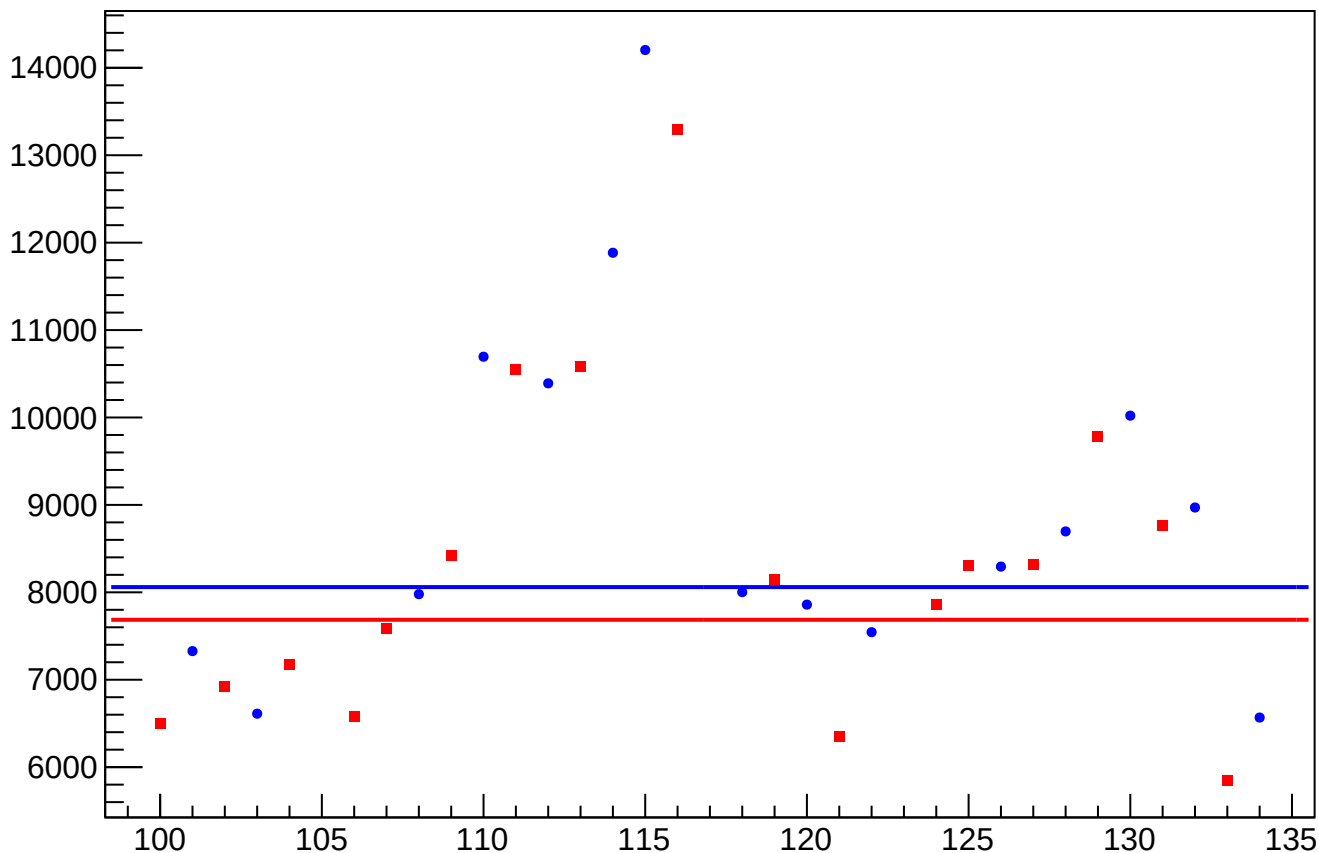
Right: -4.441+/-2.211 χ^2/NDF : 25.5/31

In: -4.605+/-3.247 χ^2/NDF : 8.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.441+/-2.211 χ^2/NDF : 25.5/31

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 8059.823+/-2.296 χ^2/NDF : 342337.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7686.010+/-2.136 χ^2/NDF : 468249.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

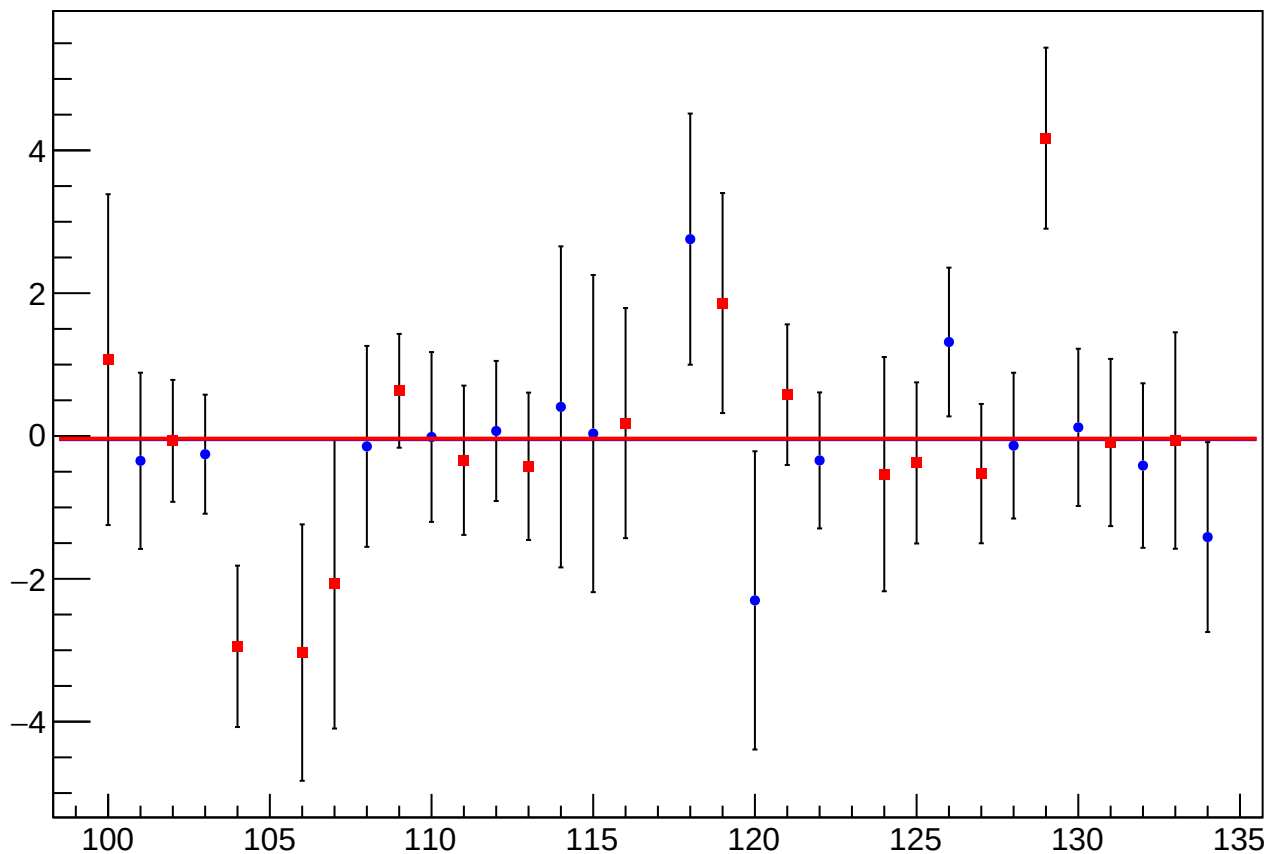
Right: 7859.459+/-1.564 χ^2/NDF : 824798.9/31

In: 8059.823+/-2.296 χ^2/NDF : 342337.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7859.459+/-1.564 χ^2/NDF : 824798.9/31

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.310 χ^2/NDF : 6.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.287 χ^2/NDF : 25.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

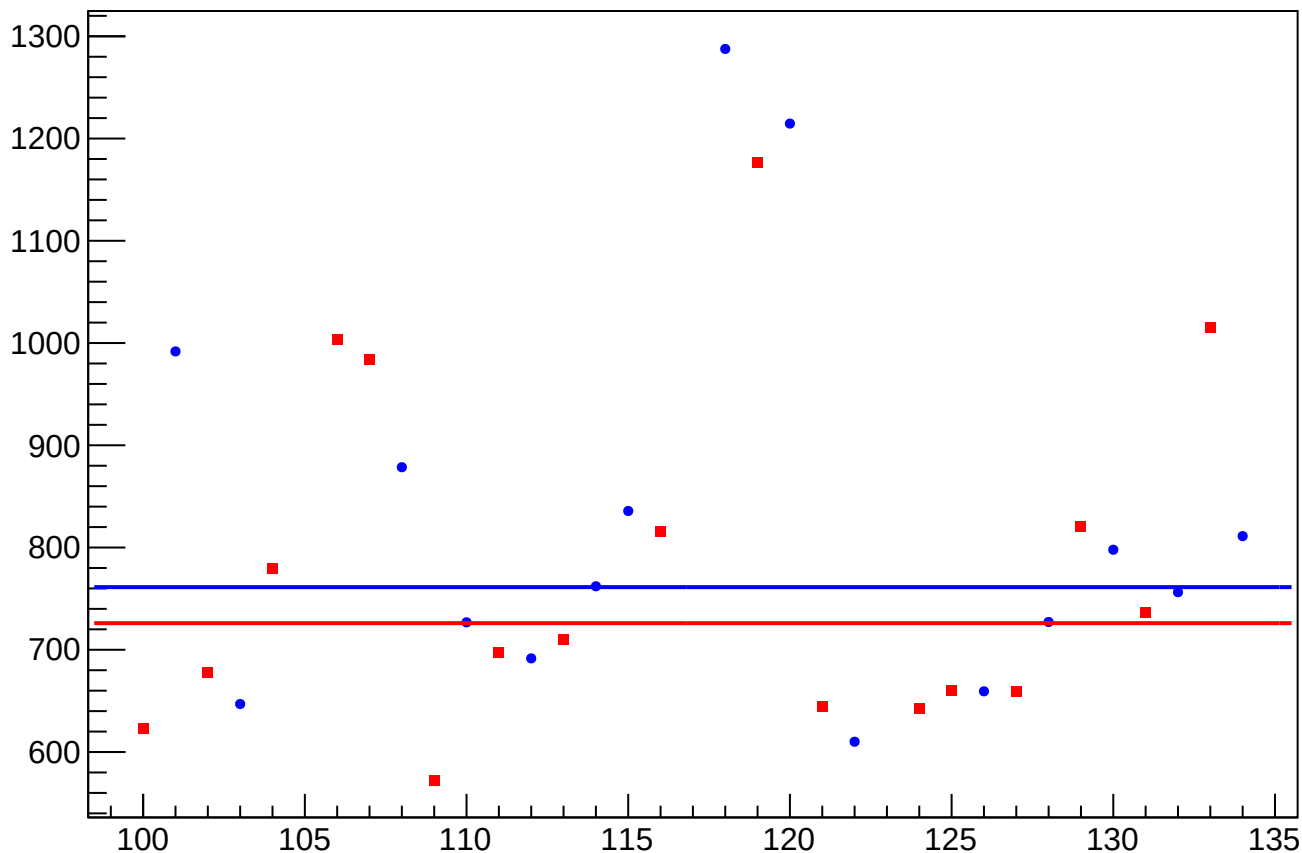
Right: -0.040 ± 0.210 χ^2/NDF : 31.8/31

In: -0.044 ± 0.310 χ^2/NDF : 6.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.210 χ^2/NDF : 31.8/31

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 761.276+/-0.219 χ^2/NDF : 485667.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 726.038+/-0.203 χ^2/NDF : 467169.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

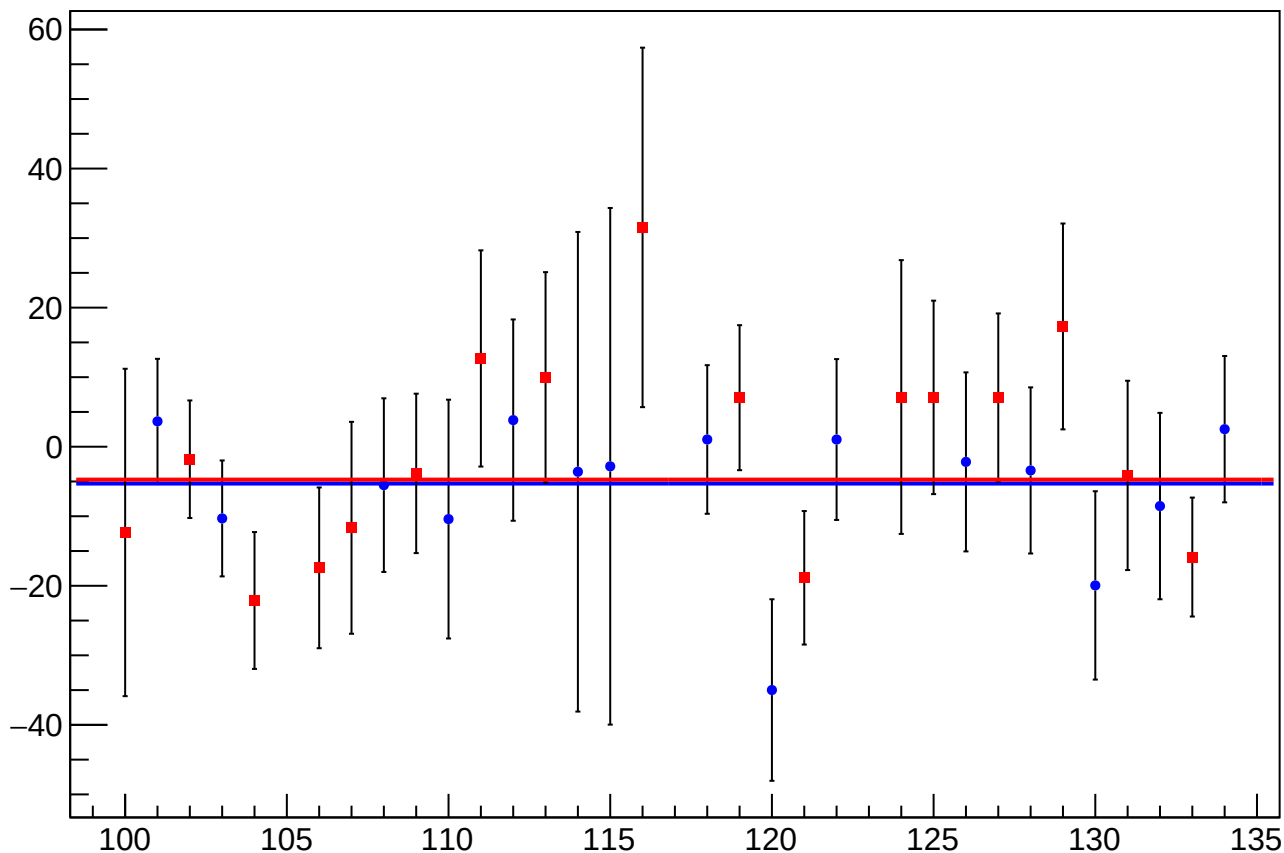
Right: 742.311+/-0.149 χ^2/NDF : 966779.0/31

In: 761.276+/-0.219 χ^2/NDF : 485667.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.311+/-0.149 χ^2/NDF : 966779.0/31

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.299 $\pm$ 3.193 χ^2 /NDF: 9.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.734 $\pm$ 2.964 χ^2 /NDF: 18.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

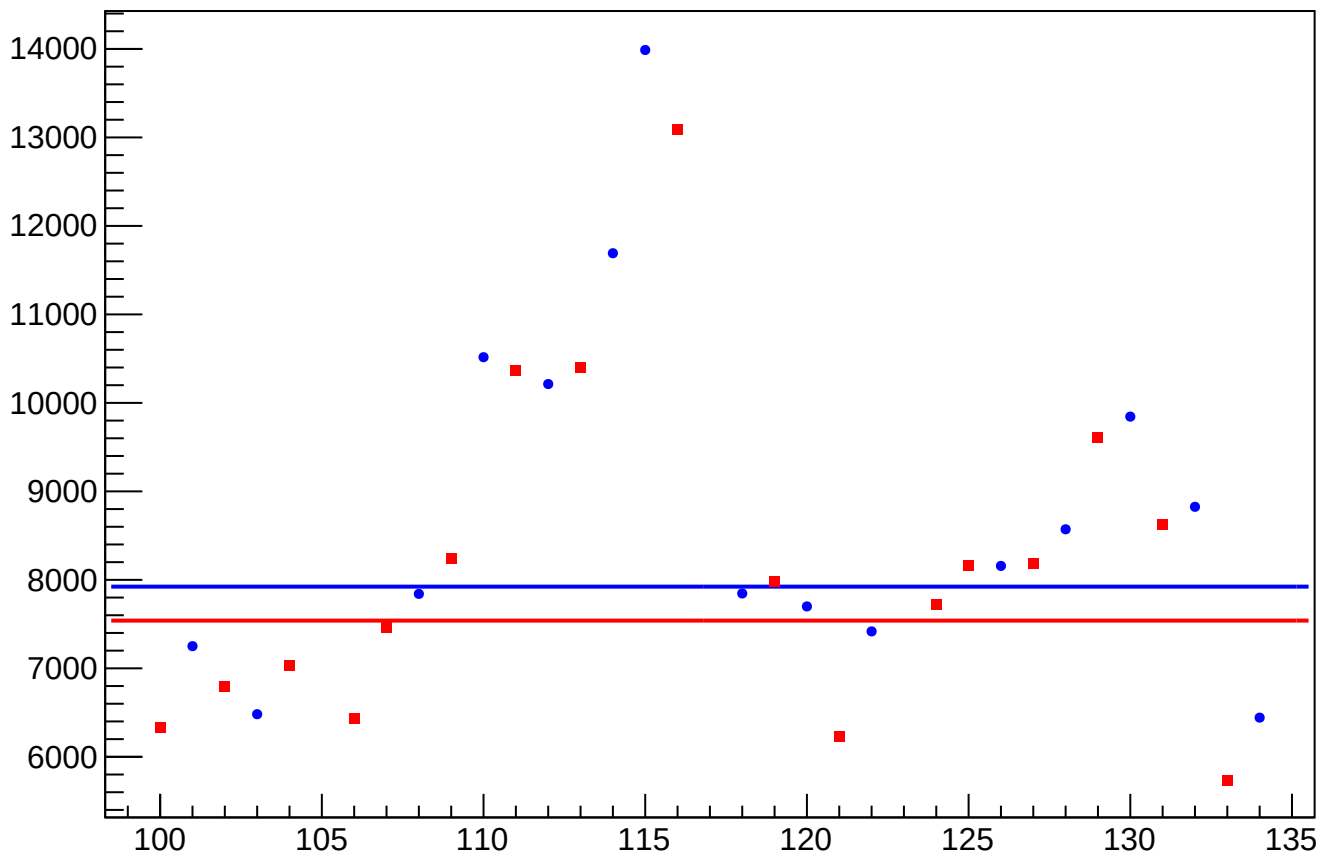
Right: -4.995 $\pm$ 2.172 χ^2 /NDF: 27.9/31

In: -5.299 $\pm$ 3.193 χ^2 /NDF:9.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.995 $\pm$ 2.172 χ^2 /NDF: 27.9/31

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7923.449+/-2.258 χ^2/NDF : 343906.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7539.498+/-2.096 χ^2/NDF : 473224.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

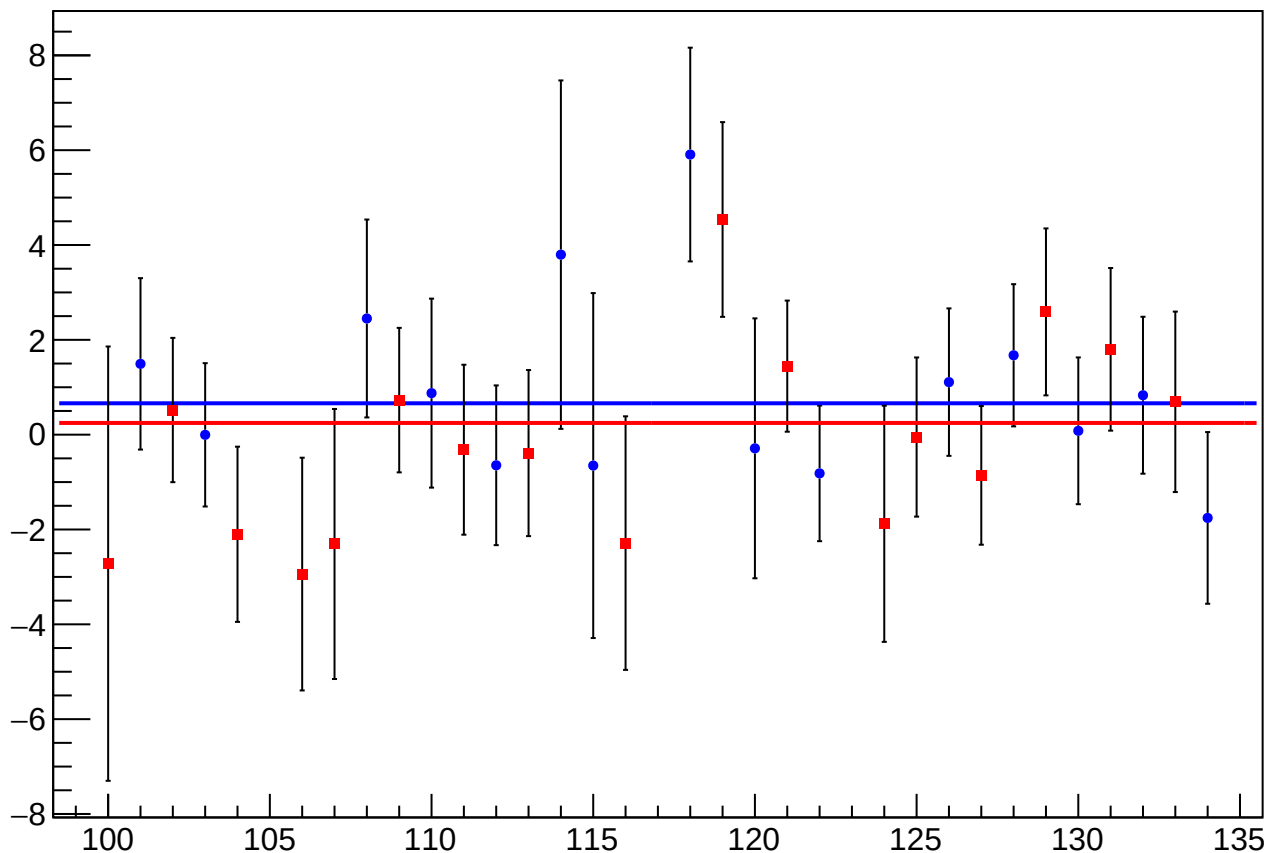
Right: 7717.253+/-1.536 χ^2/NDF : 832664.7/31

In: 7923.449+/-2.258 χ^2/NDF : 343906.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7717.253+/-1.536 χ^2/NDF : 832664.7/31

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.662 $\pm$ 0.472 χ^2 /NDF: 11.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.247 $\pm$ 0.449 χ^2 /NDF: 14.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

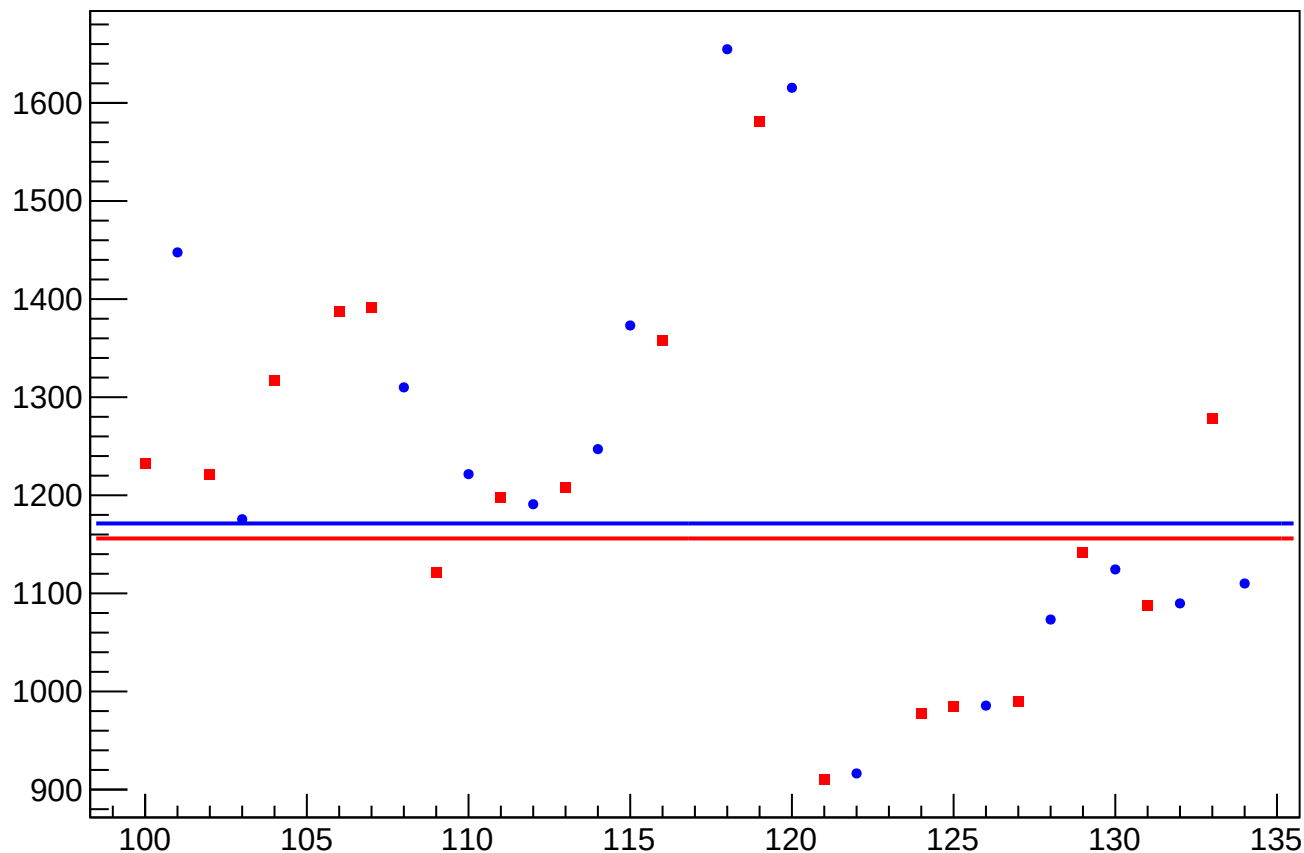
Right: 0.444 $\pm$ 0.325 χ^2 /NDF: 27.0/31

In: 0.662 $\pm$ 0.472 χ^2 /NDF:11.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.444 $\pm$ 0.325 χ^2 /NDF: 27.0/31

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1171.294+/-0.334 χ^2/NDF : 318179.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.983+/-0.318 χ^2/NDF : 283897.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

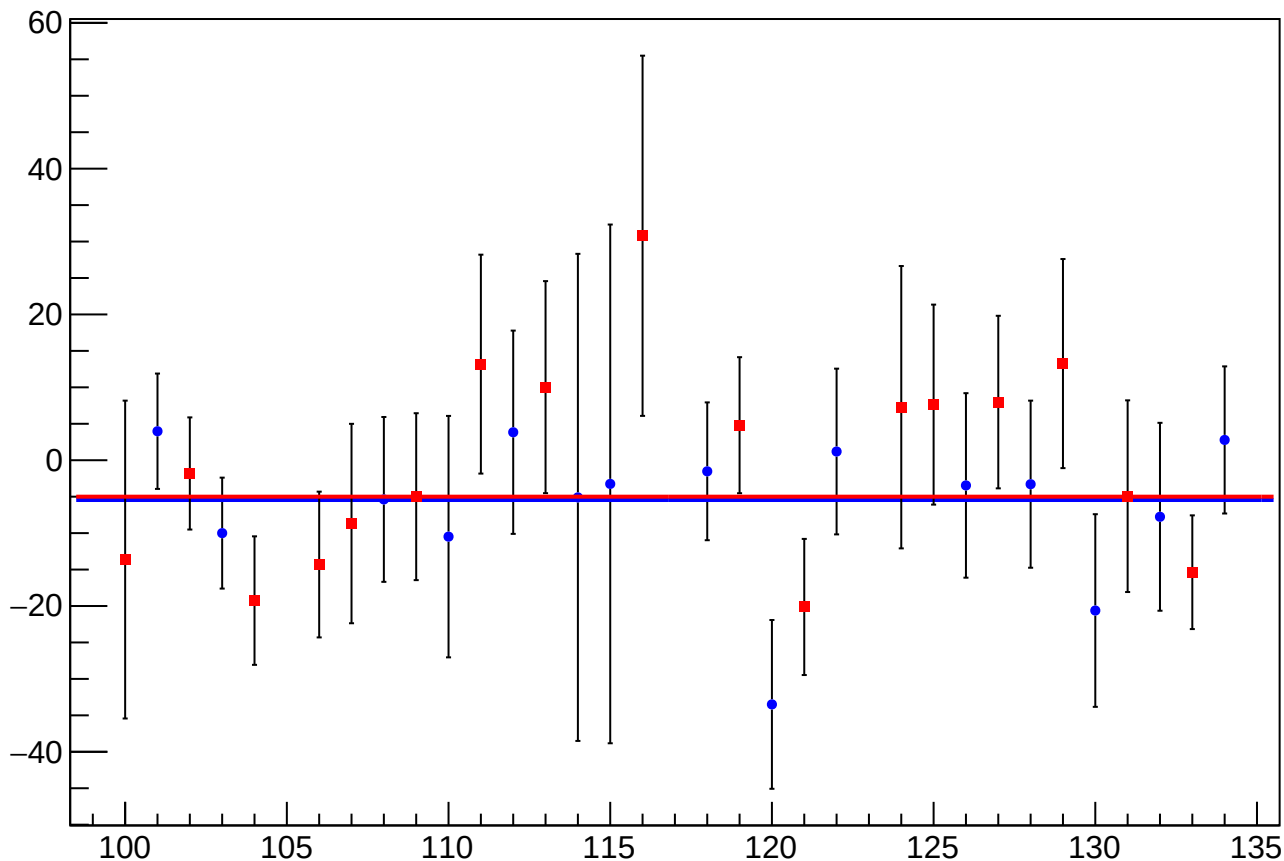
Right: 1163.265+/-0.230 χ^2/NDF : 603180.7/31

In: 1171.294+/-0.334 χ^2/NDF : 318179.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.265+/-0.230 χ^2/NDF : 603180.7/31

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.457 ± 2.970 χ^2/NDF : 10.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.001 ± 2.765 χ^2/NDF : 18.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

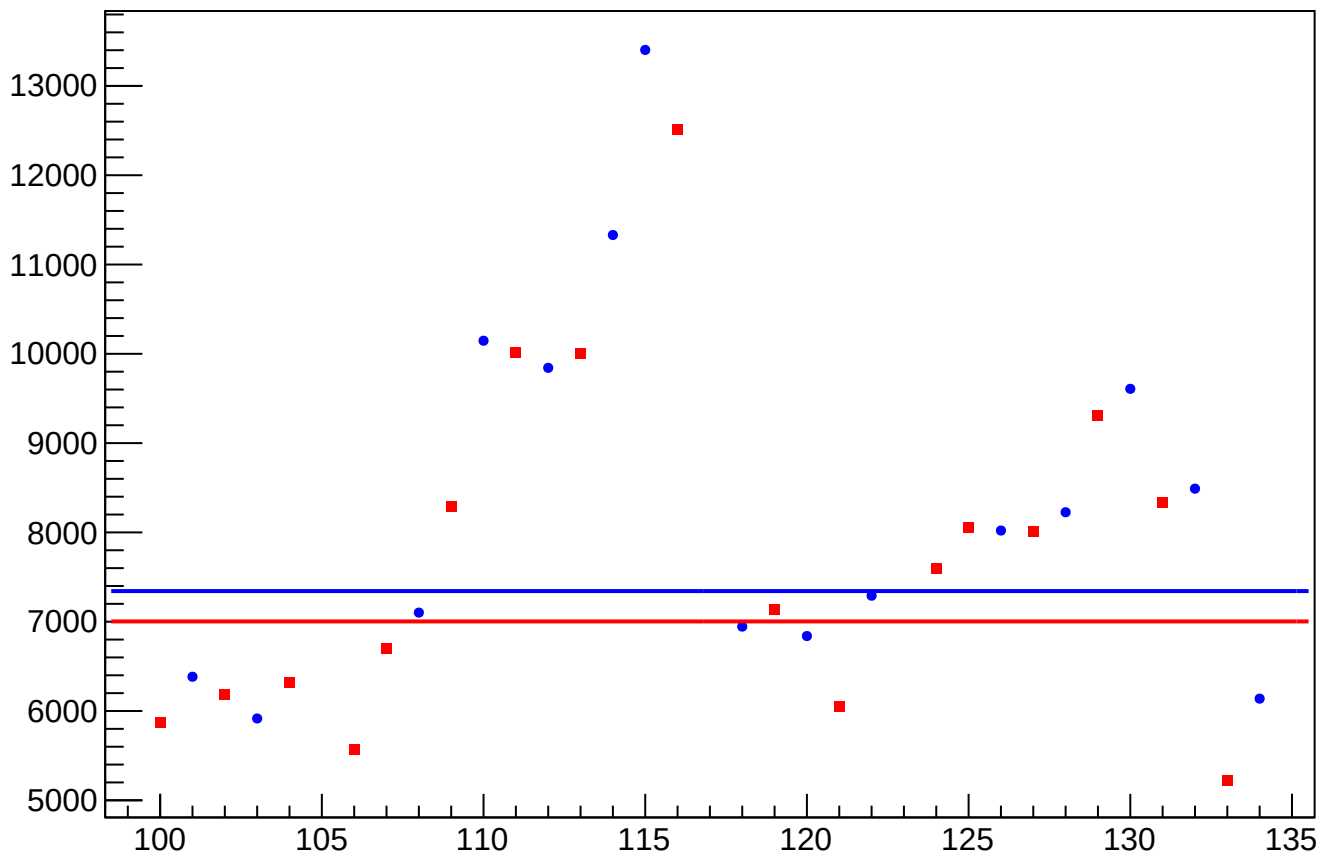
Right: -5.213 ± 2.024 χ^2/NDF : 28.9/31

In: -5.457 ± 2.970 χ^2/NDF : 10.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.213 ± 2.024 χ^2/NDF : 28.9/31

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7342.936+/-2.100 χ^2/NDF : 436737.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7002.950+/-1.955 χ^2/NDF : 598895.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

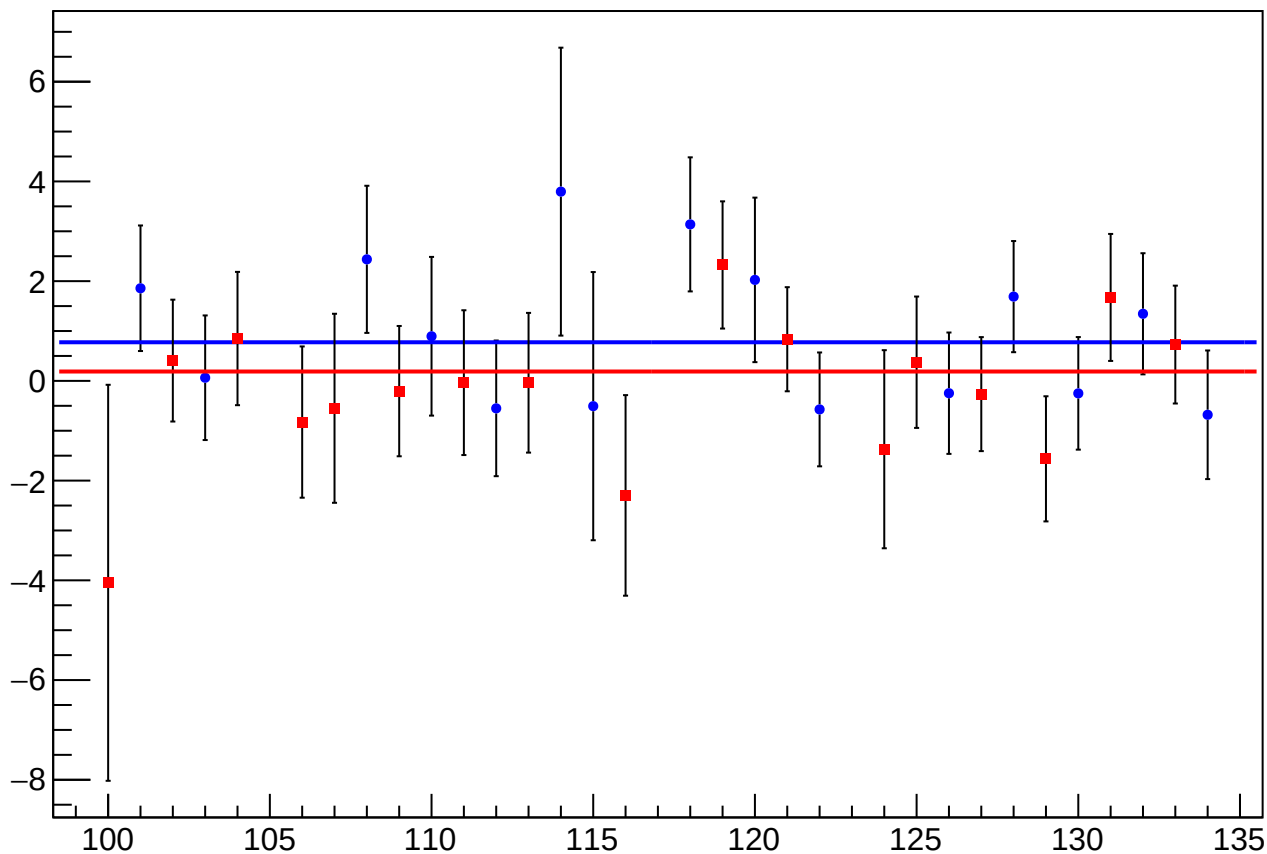
Right: 7160.788+/-1.431 χ^2/NDF : 1049670.8/31

In: 7342.936+/-2.100 χ^2/NDF : 436737.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7160.788+/-1.431 χ^2/NDF : 1049670.8/31

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.774 $\pm$ 0.350 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.188 $\pm$ 0.335 χ^2 /NDF: 11.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

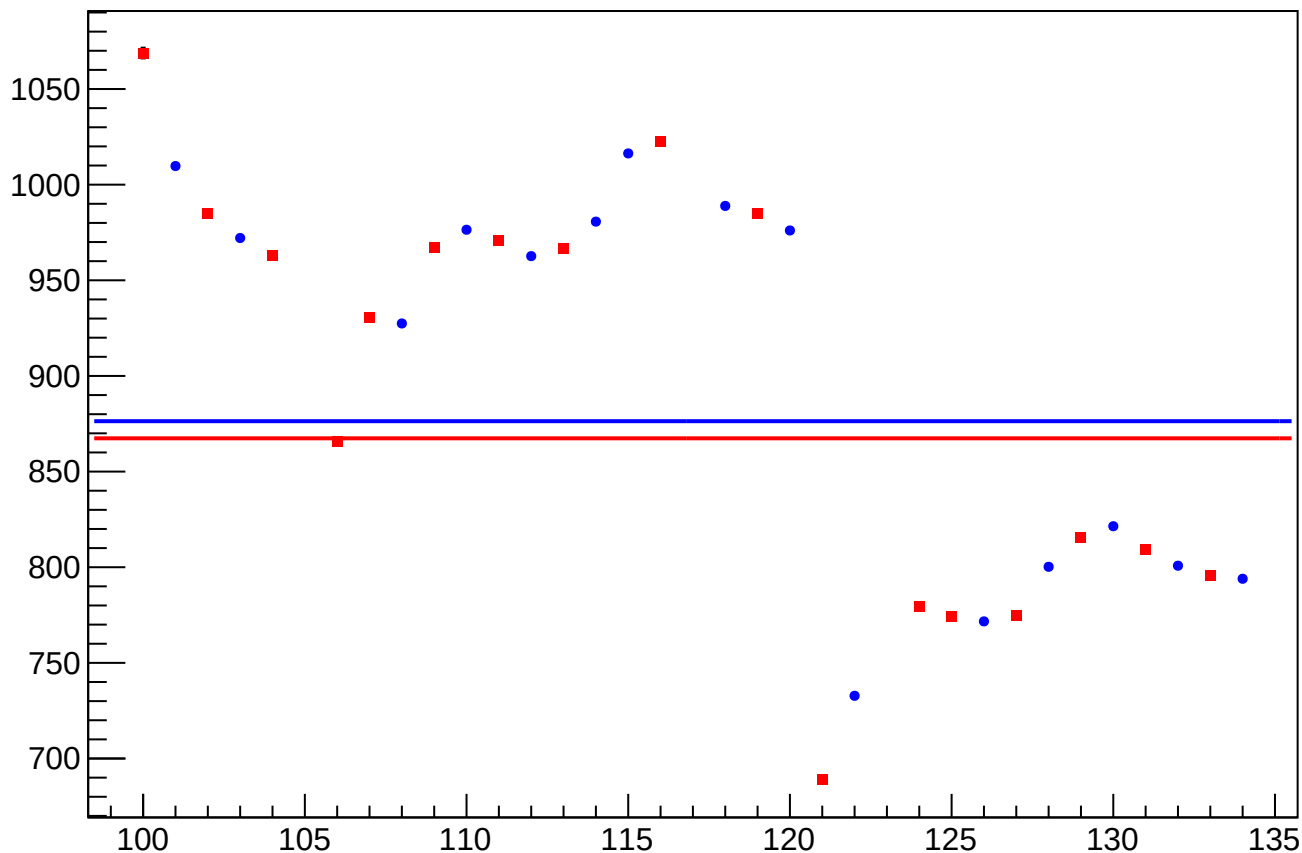
Right: 0.468 $\pm$ 0.242 χ^2 /NDF: 26.0/31

In: 0.774 $\pm$ 0.350 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.468 $\pm$ 0.242 χ^2 /NDF: 26.0/31

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 876.345+/-0.248 χ^2/NDF : 158275.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 867.390+/-0.237 χ^2/NDF : 197202.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

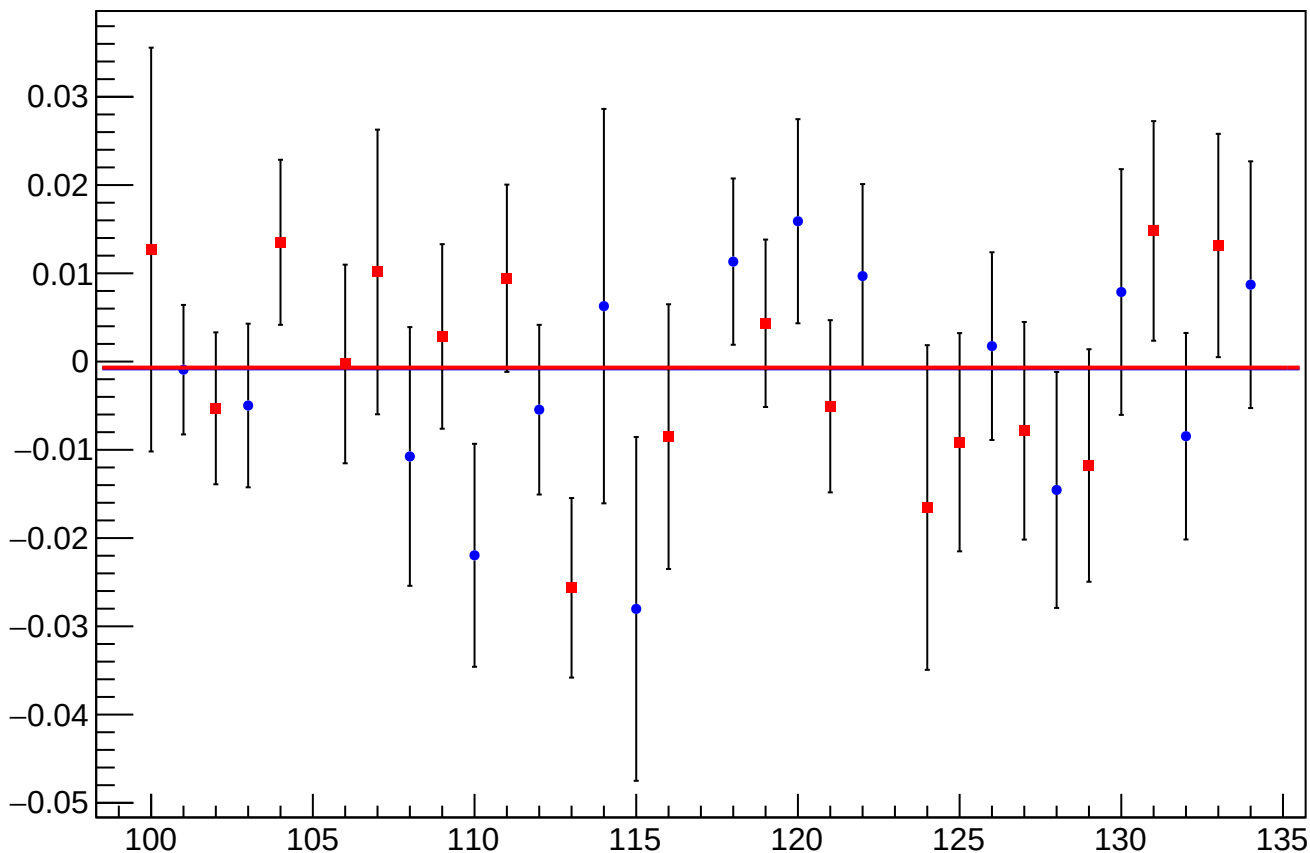
Right: 871.668+/-0.171 χ^2/NDF : 356161.3/31

In: 876.345+/-0.248 χ^2/NDF : 158275.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.668+/-0.171 χ^2/NDF : 356161.3/31

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.003 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.003 χ^2 /NDF: 16.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

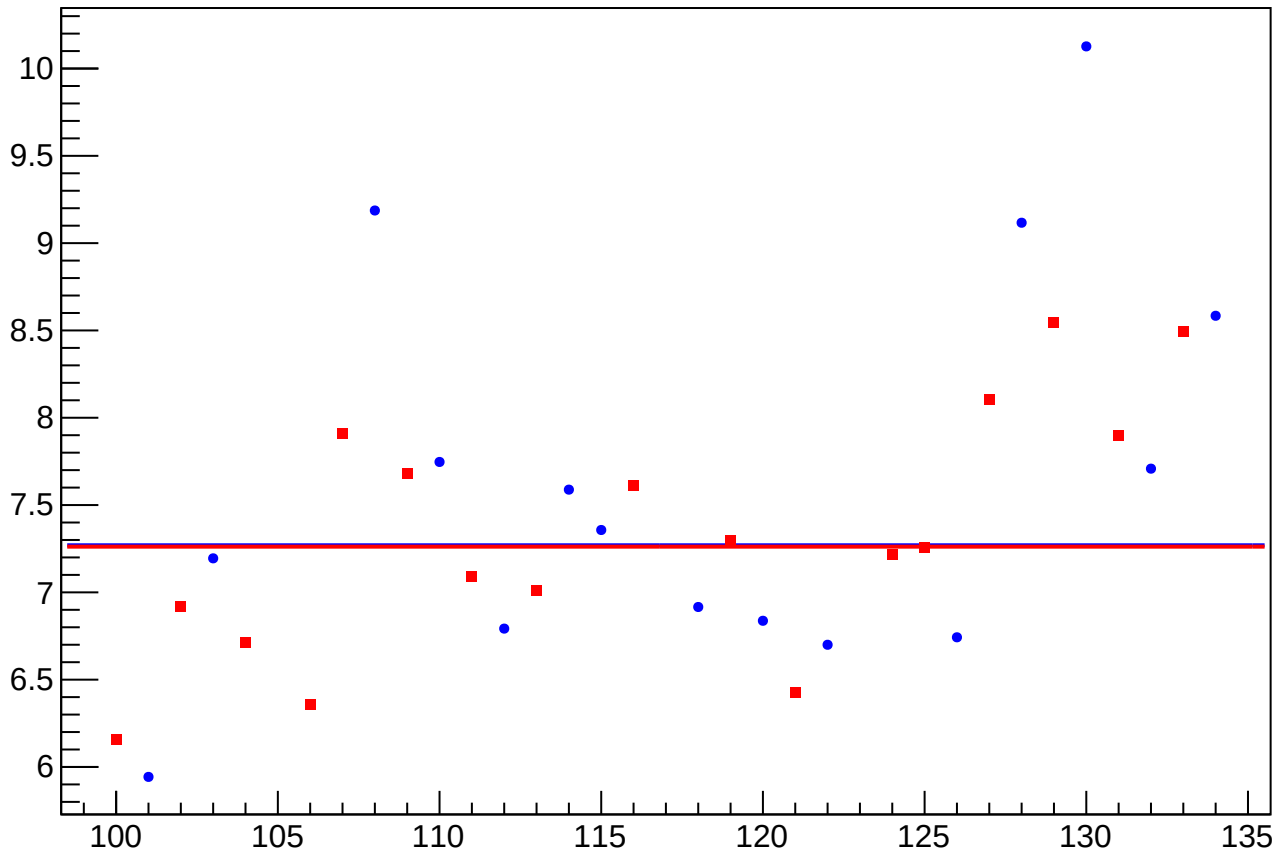
Right: -0.001 $\pm$ 0.002 χ^2 /NDF: 29.1/31

In: -0.001 $\pm$ 0.003 χ^2 /NDF:12.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.002 χ^2 /NDF: 29.1/31

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.270 $\pm$ 0.002 χ^2 /NDF: 267366.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.262 $\pm$ 0.002 χ^2 /NDF: 104060.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

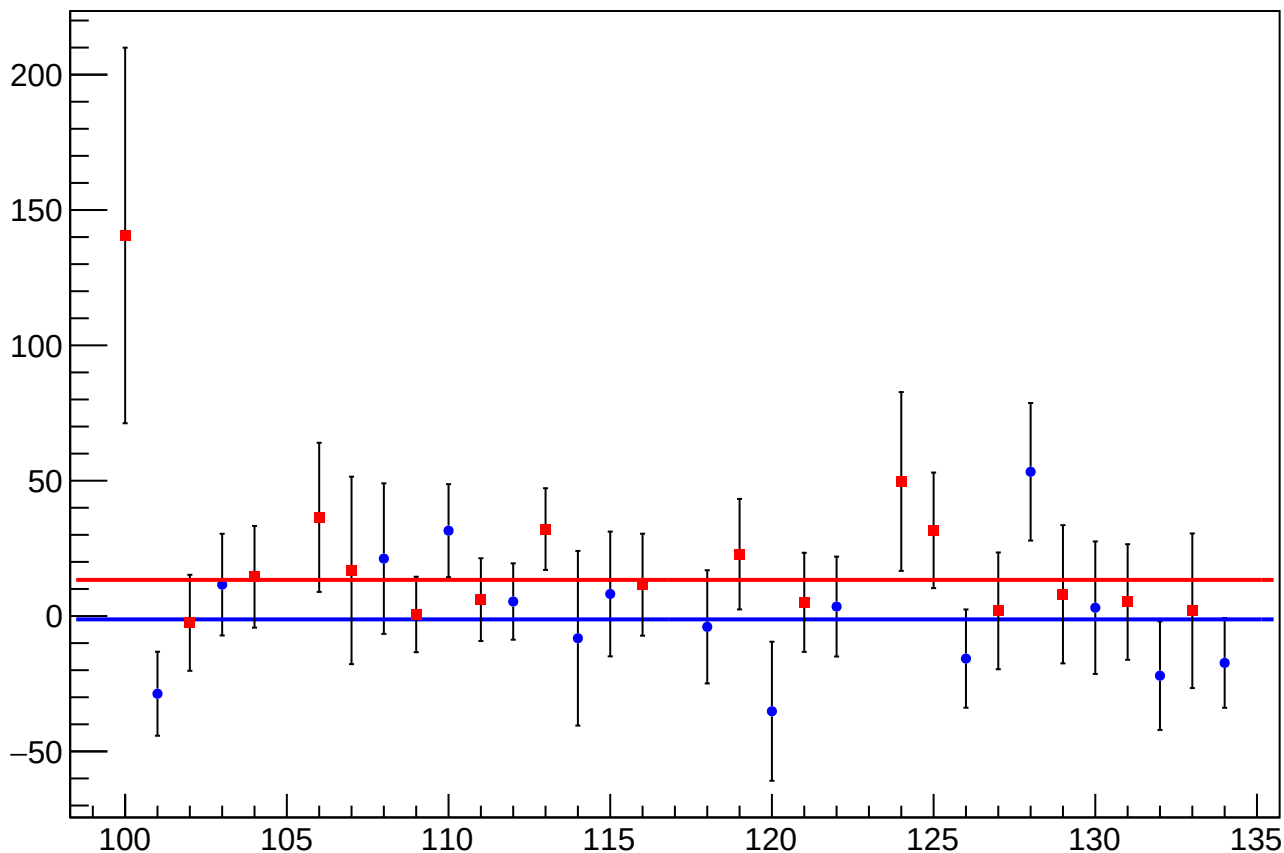
Right: 7.266 $\pm$ 0.001 χ^2 /NDF: 371434.2/31

In: 7.270 $\pm$ 0.002 χ^2 /NDF:267366.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.266 $\pm$ 0.001 χ^2 /NDF: 371434.2/31

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: -1.234+/-5.086 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.355+/-4.963 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

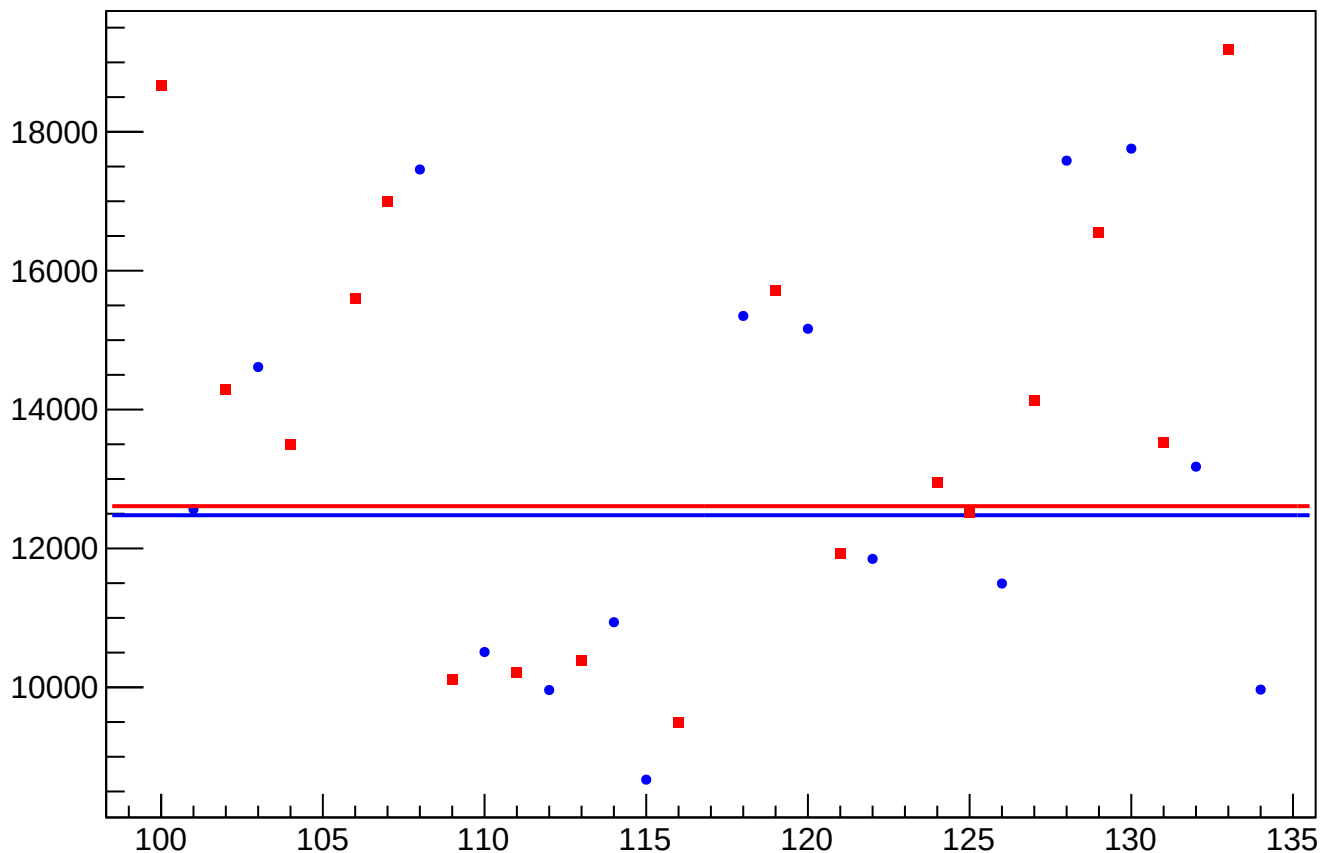
Right: 6.239+/-3.552 χ^2/NDF : 32.2/31

In: -1.234+/-5.086 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.239+/-3.552 χ^2/NDF : 32.2/31

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12478.251+/-3.597 χ^2/NDF : 528986.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12608.918+/-3.509 χ^2/NDF : 521624.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

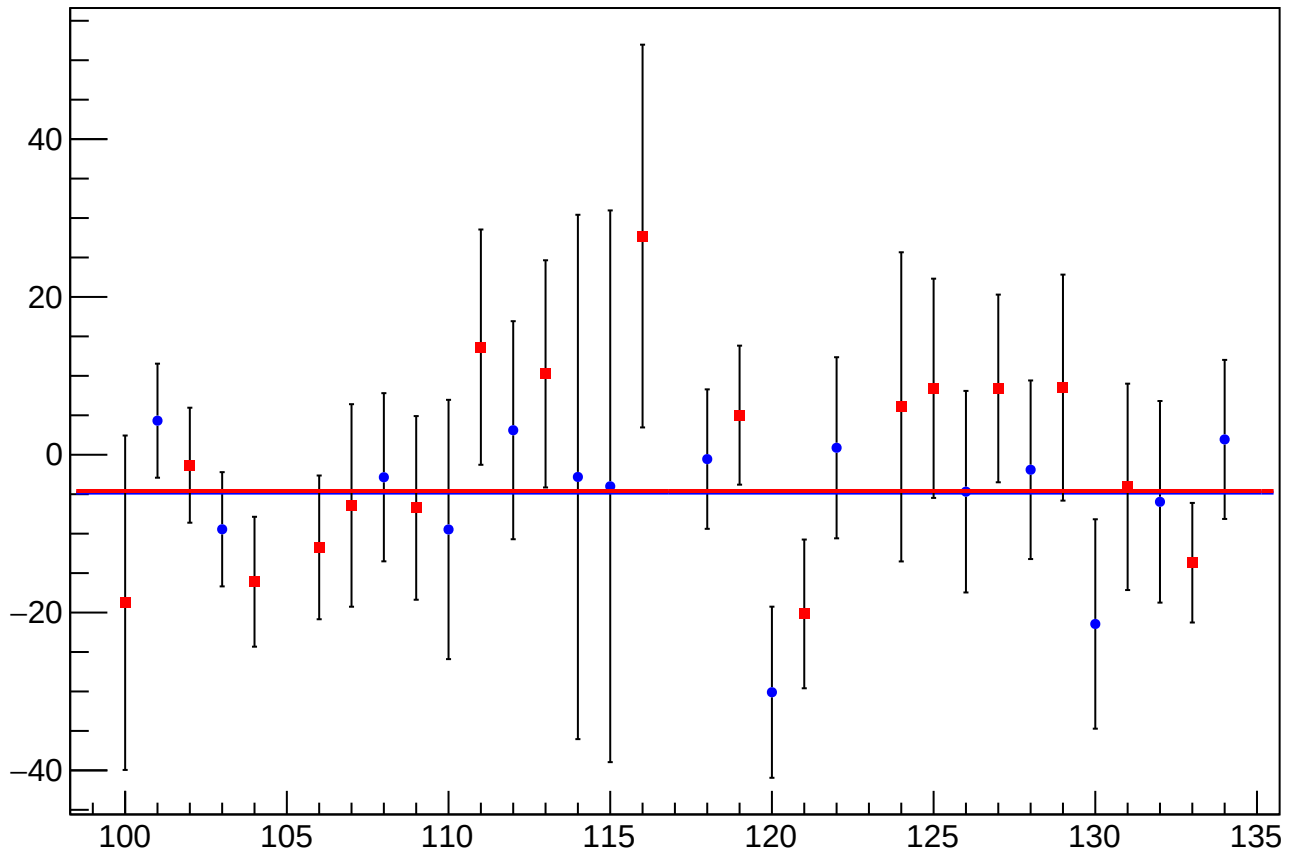
Right: 12545.189+/-2.512 χ^2/NDF : 1051287.0/31

In: 12478.251+/-3.597 χ^2/NDF :528986.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12545.189+/-2.512 χ^2/NDF : 1051287.0/31

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -4.798 ± 2.861 χ^2/NDF : 10.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.594 ± 2.678 χ^2/NDF : 16.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

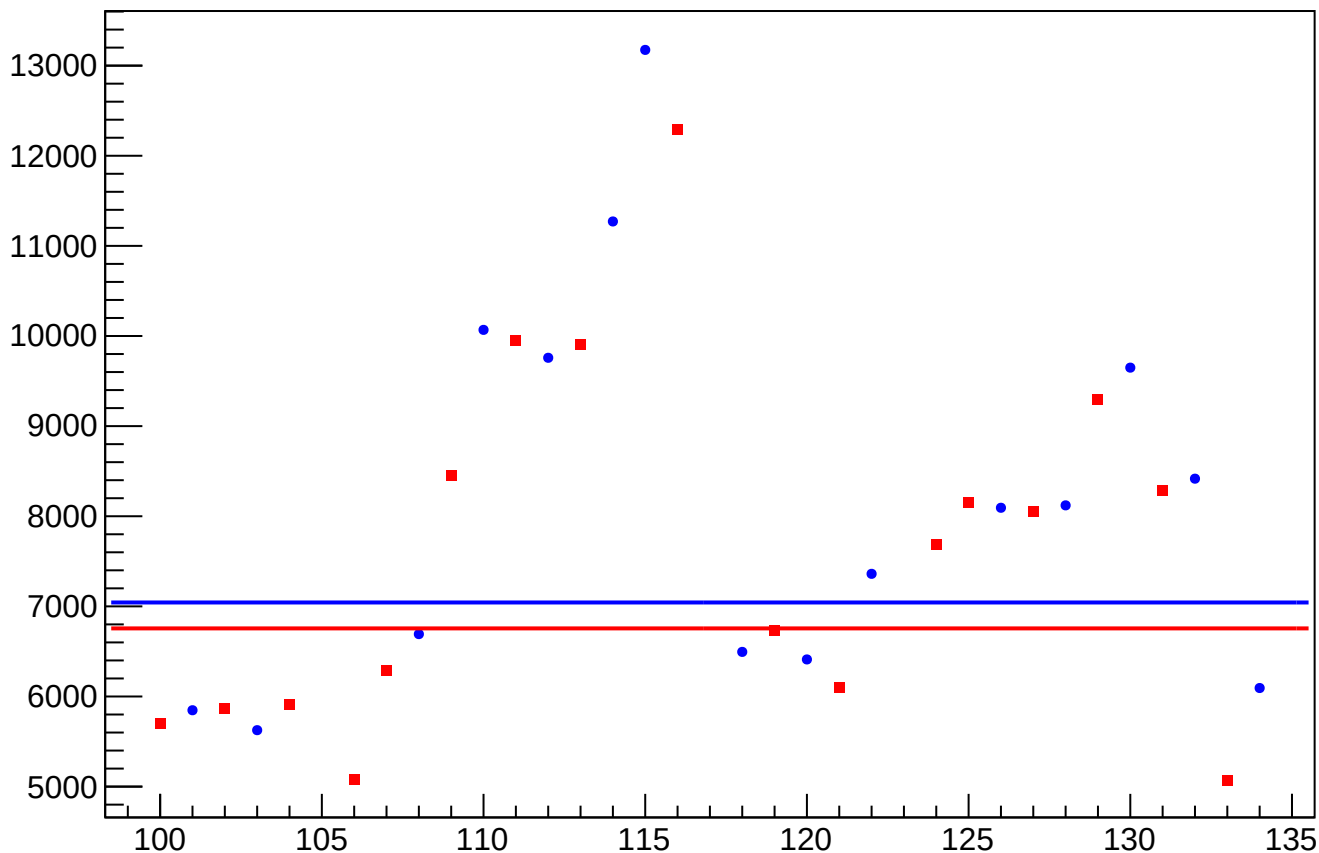
Right: -4.689 ± 1.955 χ^2/NDF : 26.6/31

In: -4.798 ± 2.861 χ^2/NDF : 10.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.689 ± 1.955 χ^2/NDF : 26.6/31

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 7043.141+/-2.023 χ^2/NDF : 538107.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6755.482+/-1.893 χ^2/NDF : 708344.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

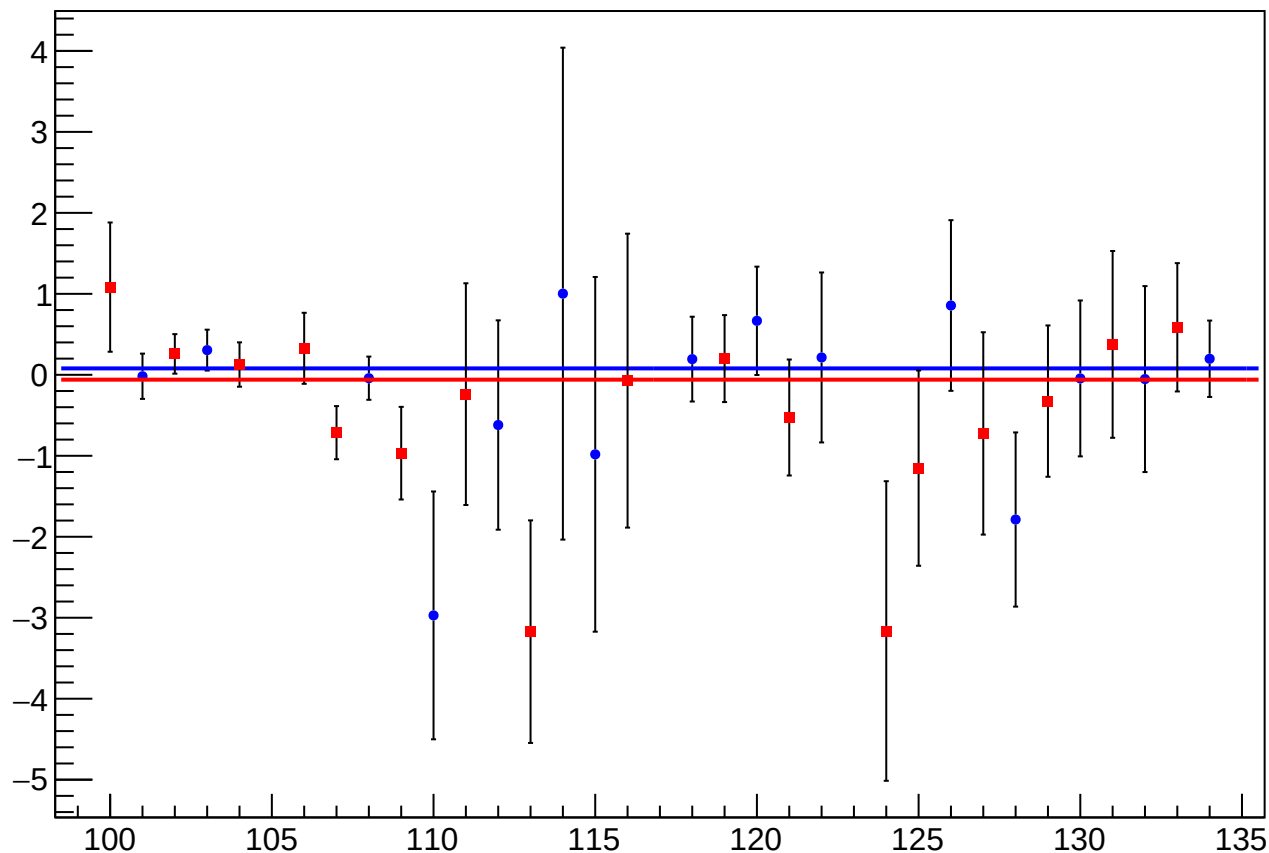
Right: 6889.805+/-1.382 χ^2/NDF : 1257231.1/31

In: 7043.141+/-2.023 χ^2/NDF : 538107.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6889.805+/-1.382 χ^2/NDF : 1257231.1/31

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.079+/-0.130 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-0.128 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

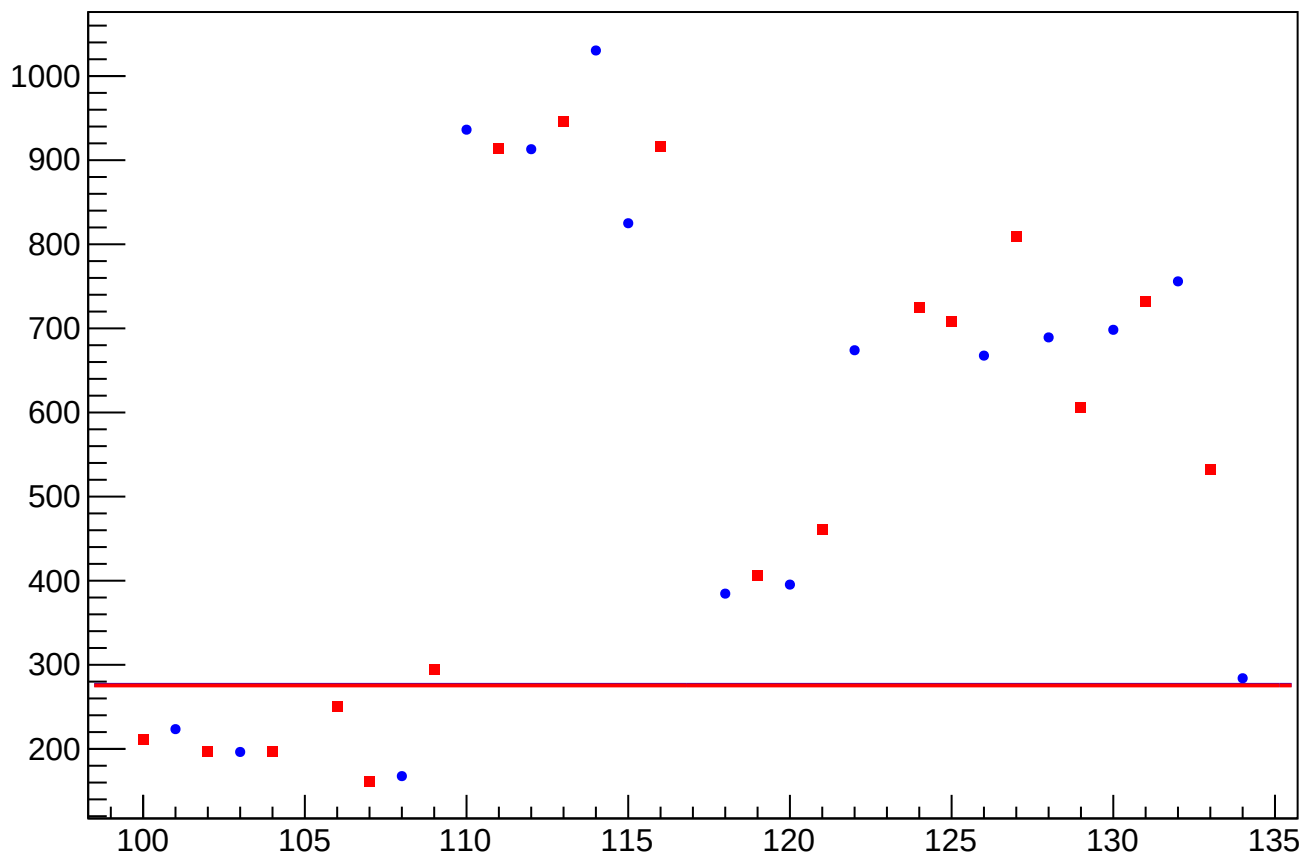
Right: 0.008+/-0.091 χ^2/NDF : 32.9/31

In: 0.079+/-0.130 χ^2/NDF :10.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.091 χ^2/NDF : 32.9/31

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 276.119+/-0.092 χ^2/NDF : 3449940.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.526+/-0.090 χ^2/NDF : 3566852.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

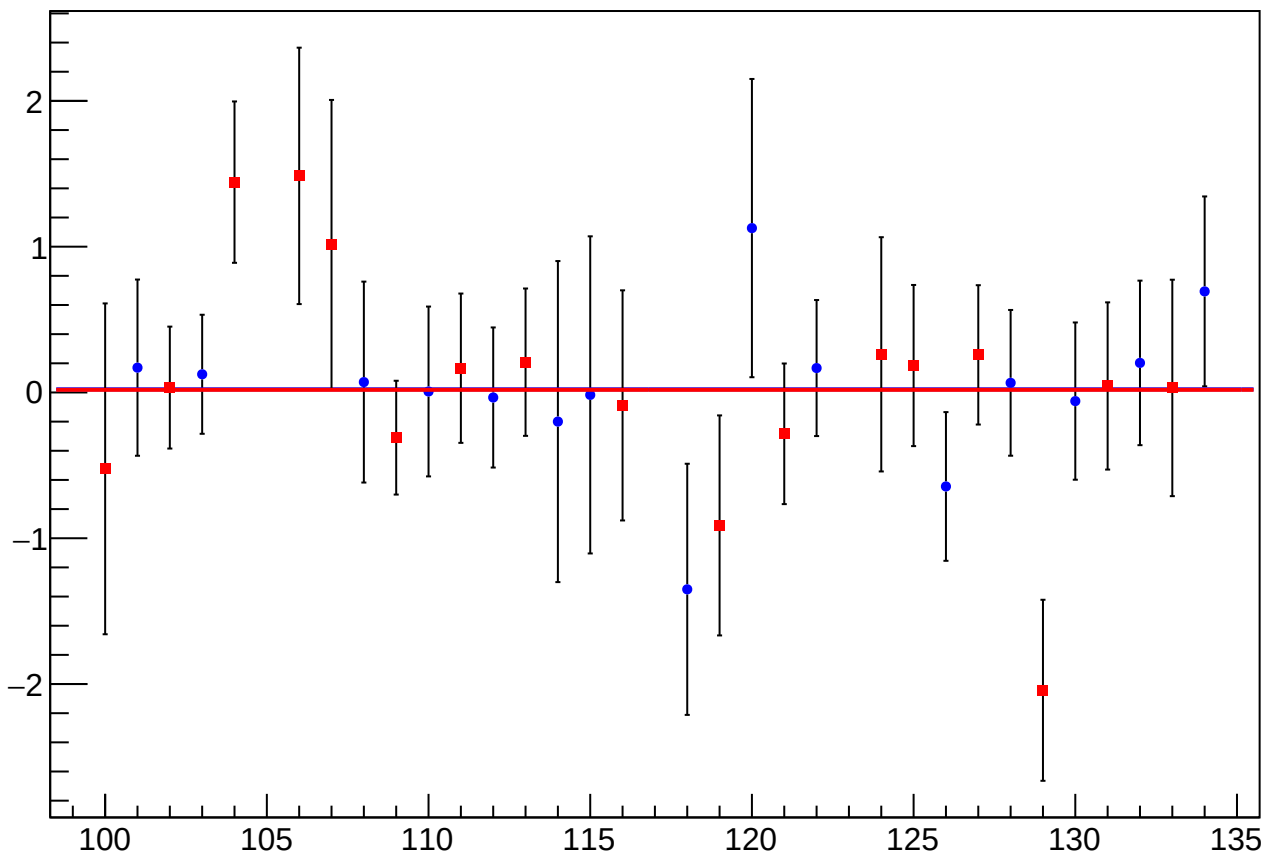
Right: 275.817+/-0.065 χ^2/NDF : 7016814.4/31

In: 276.119+/-0.092 χ^2/NDF : 3449940.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.817+/-0.065 χ^2/NDF : 7016814.4/31

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.152 χ^2/NDF : 6.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.140 χ^2/NDF : 25.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

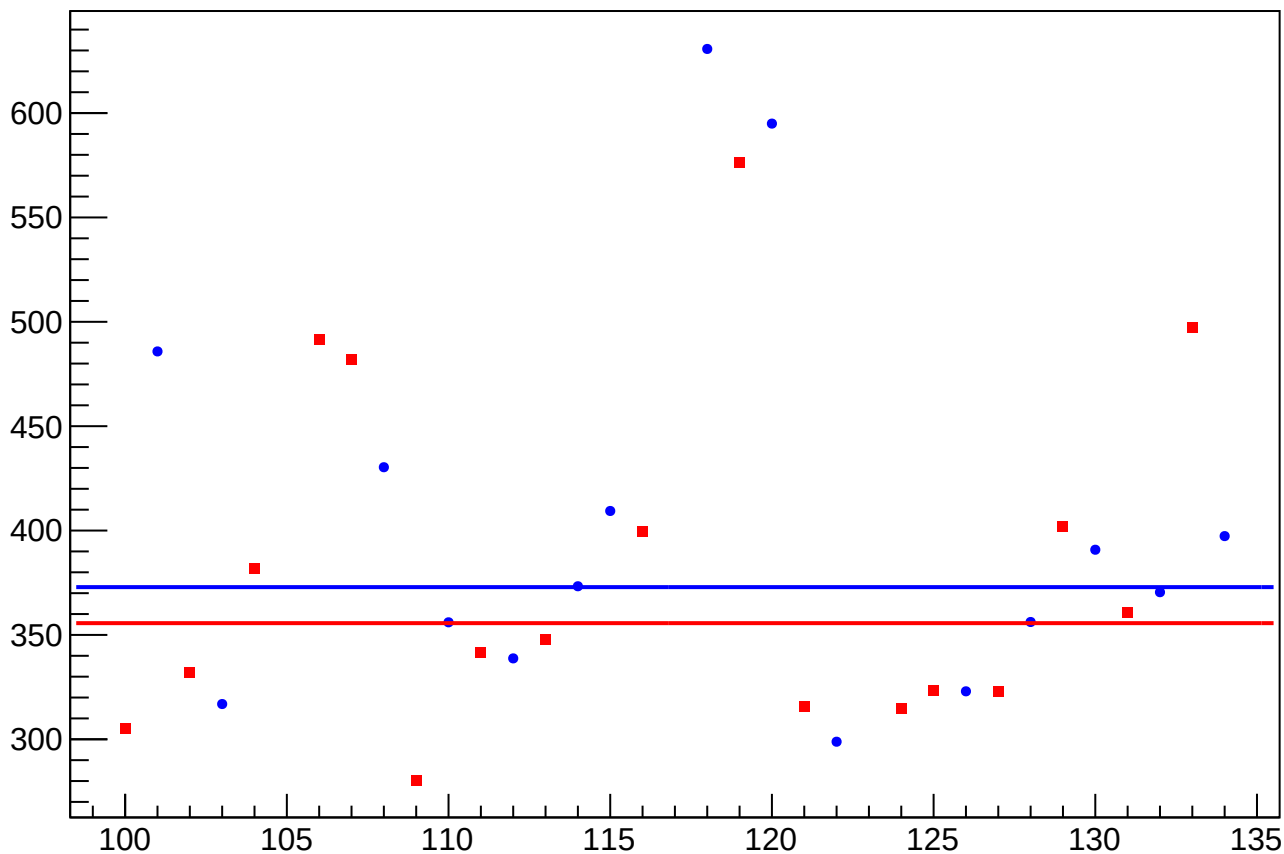
Right: 0.020+/-0.103 χ^2/NDF : 31.8/31

In: 0.022+/-0.152 χ^2/NDF : 6.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.103 χ^2/NDF : 31.8/31

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 372.900+/-0.107 χ^2/NDF : 485667.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 355.640+/-0.099 χ^2/NDF : 467169.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

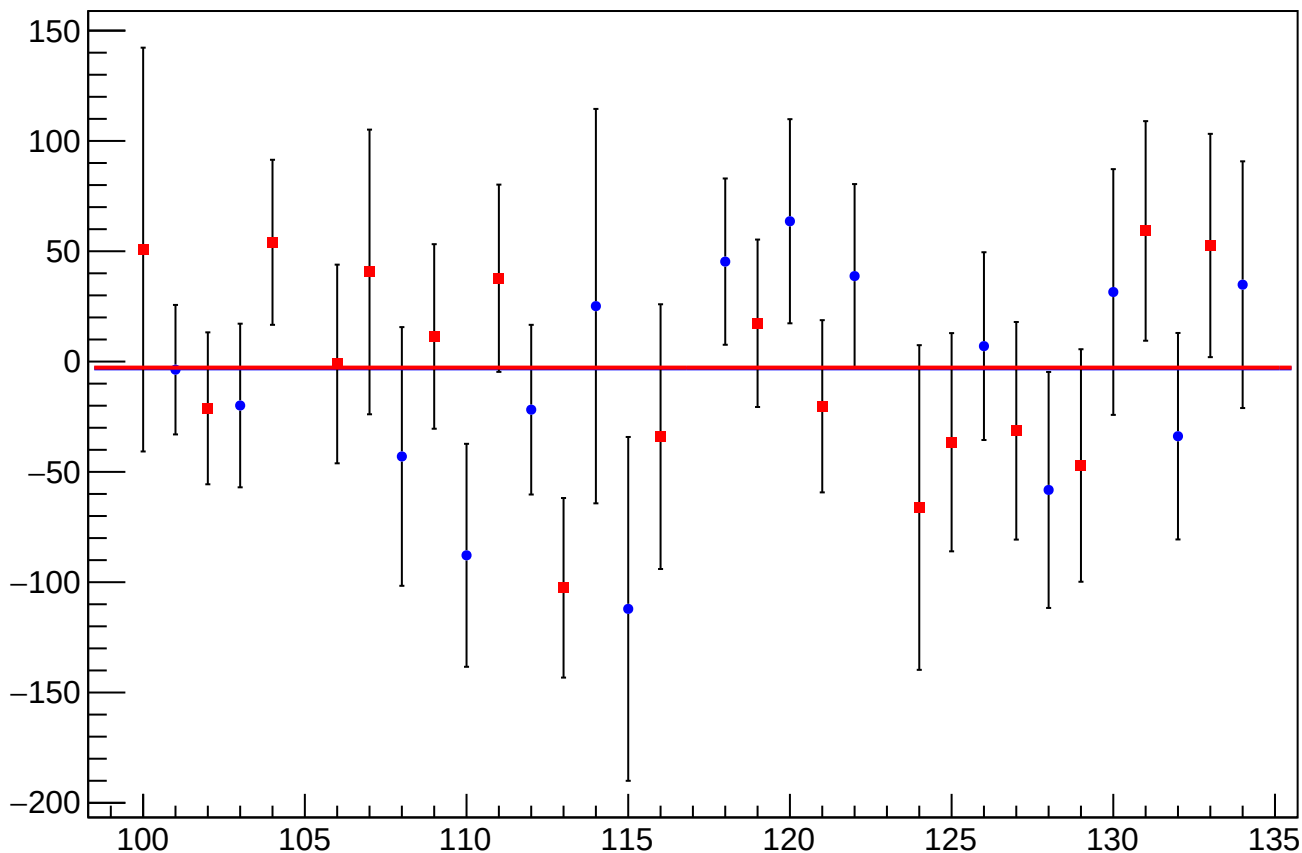
Right: 363.610+/-0.073 χ^2/NDF : 966779.0/31

In: 372.900+/-0.107 χ^2/NDF :485667.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 363.610+/-0.073 χ^2/NDF : 966779.0/31

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -3.079 ± 11.716 $\chi^2/\text{NDF}: 12.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.733 ± 11.229 $\chi^2/\text{NDF}: 16.2/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

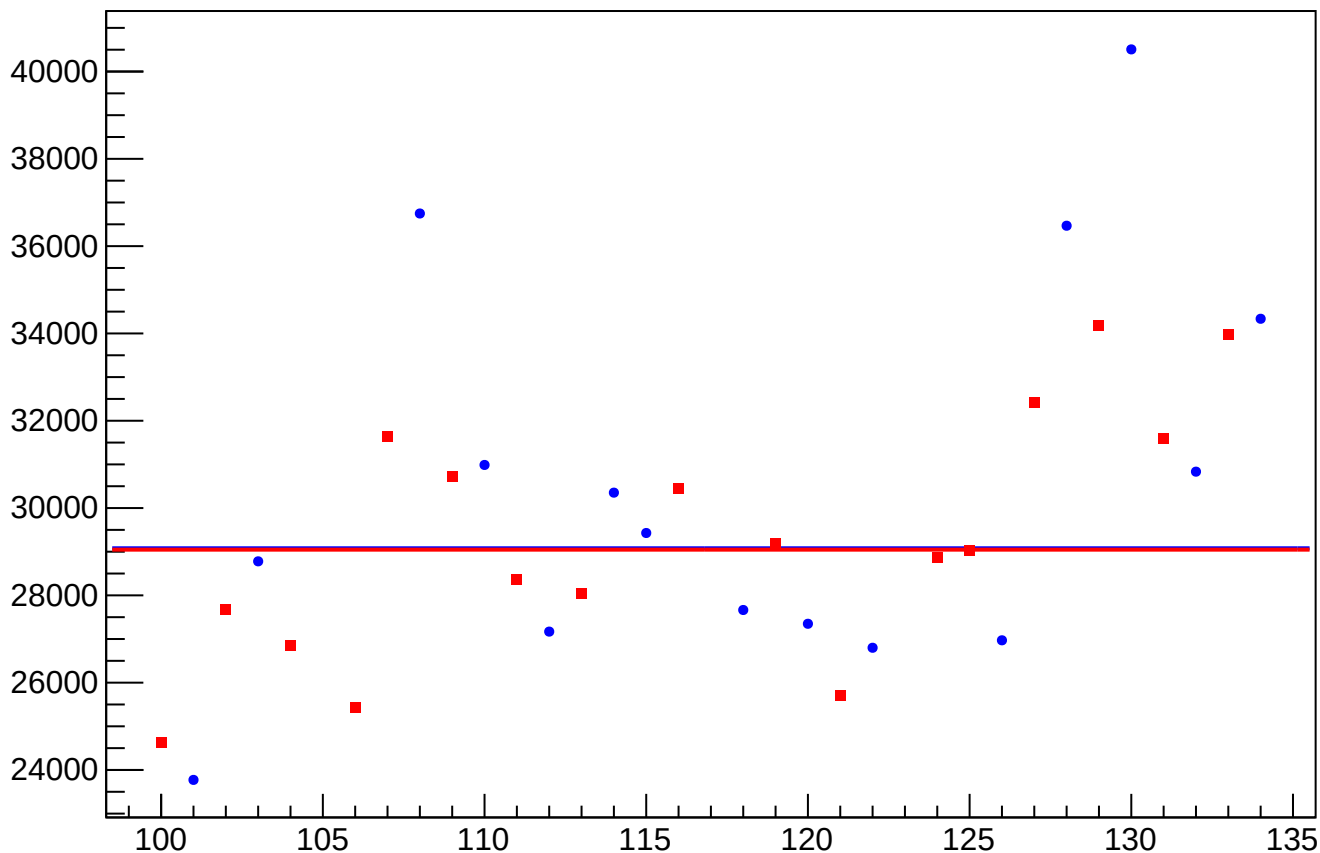
Right: -2.899 ± 8.107 $\chi^2/\text{NDF}: 29.1/31$

In: -3.079 ± 11.716 $\chi^2/\text{NDF}: 12.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.899 ± 8.107 $\chi^2/\text{NDF}: 29.1/31$

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29047.005+/-7.940 χ^2/NDF : 104060.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

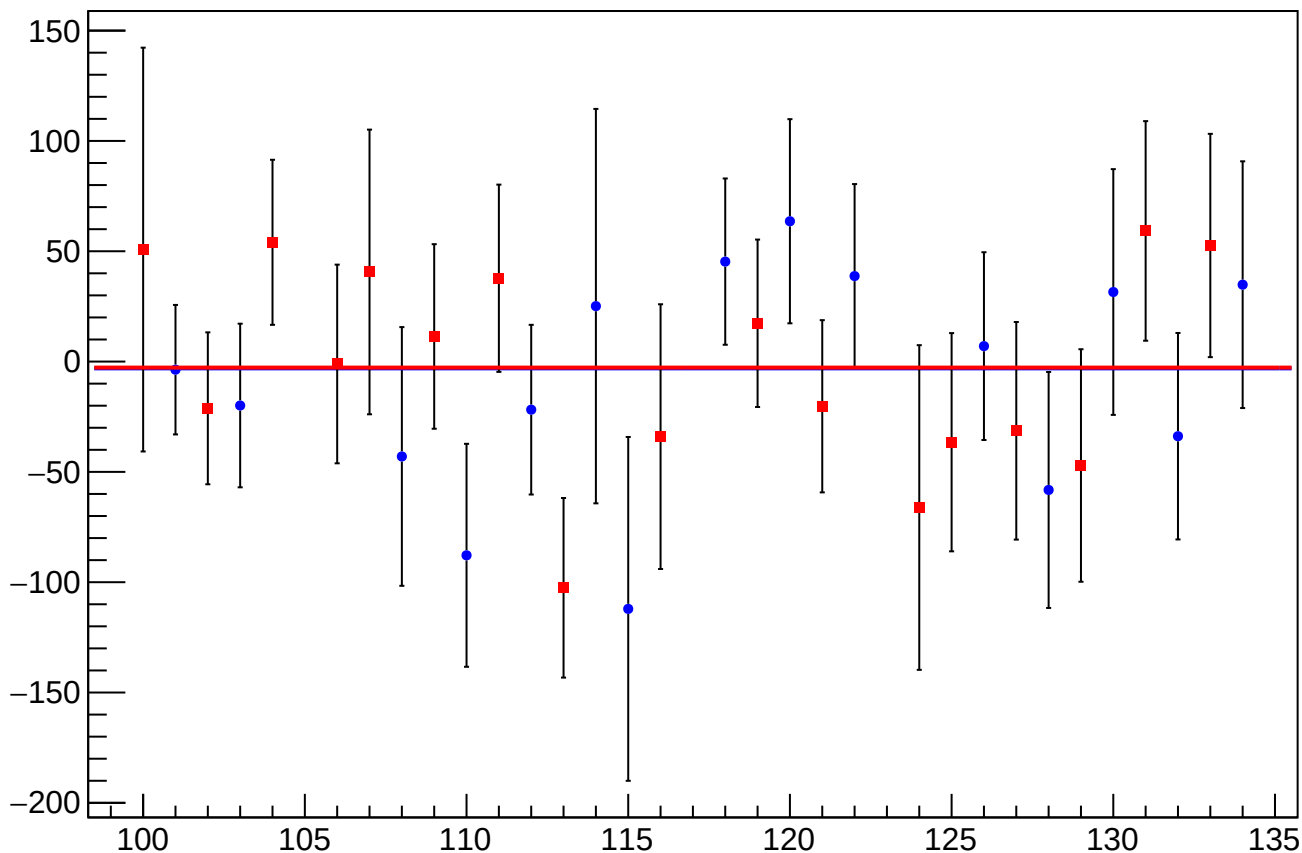
Right: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.733+/-11.229 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

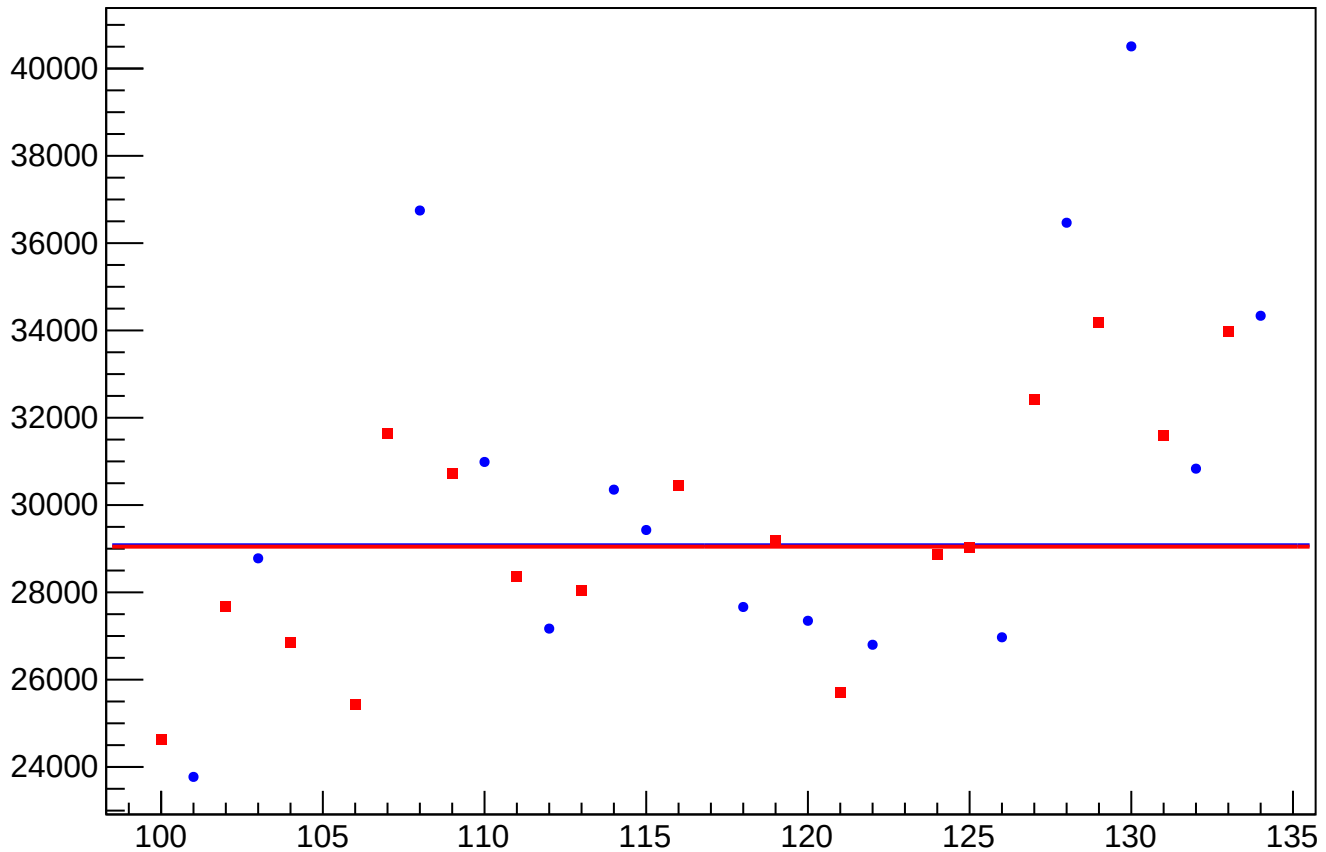
Right: -2.899+/-8.107 χ^2/NDF : 29.1/31

In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.899+/-8.107 χ^2/NDF : 29.1/31

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29047.005+/-7.940 χ^2/NDF : 104060.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

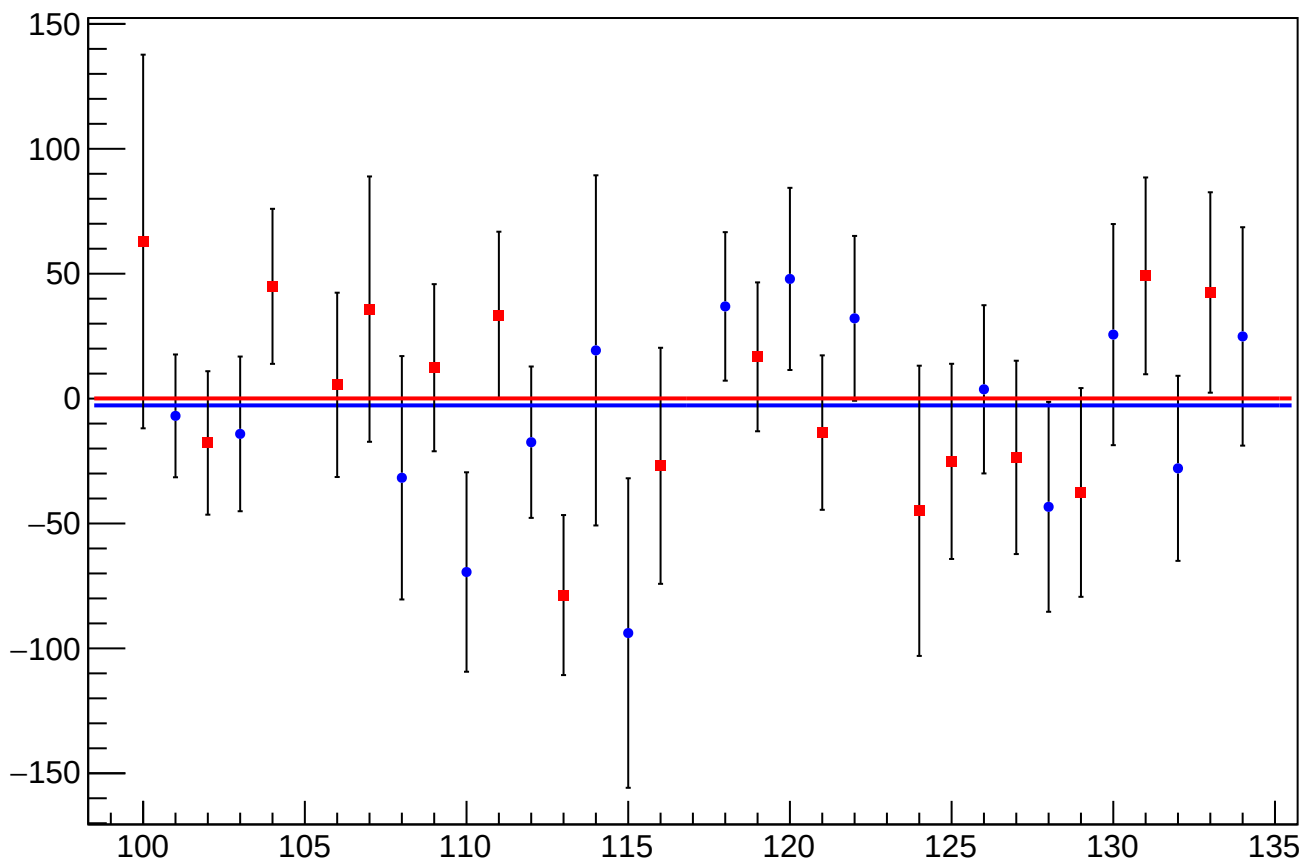
Right: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -2.723+/-9.402 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-8.996 χ^2/NDF : 16.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

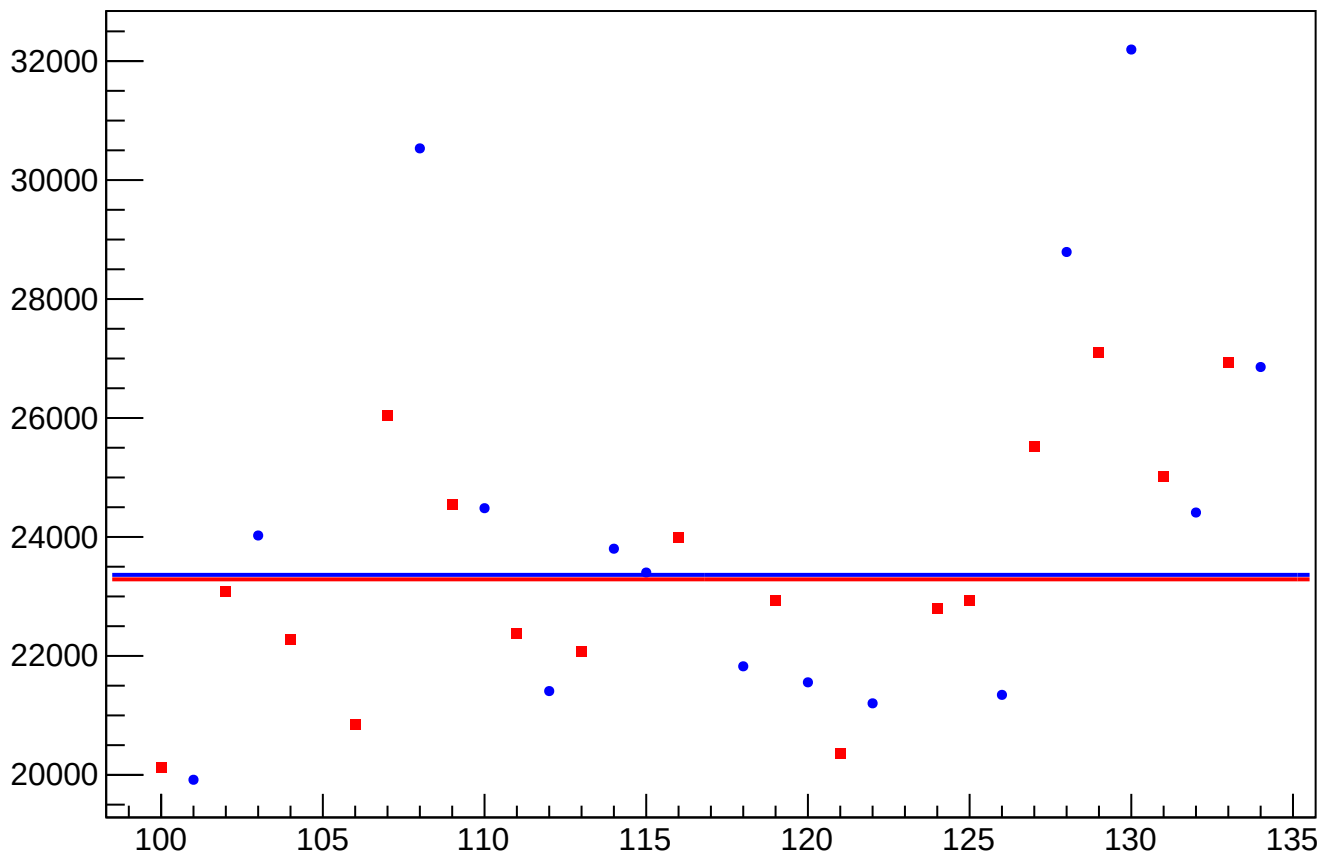
Right: -1.267+/-6.500 χ^2/NDF : 29.4/31

In: -2.723+/-9.402 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.267+/-6.500 χ^2/NDF : 29.4/31

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 23362.819+/-6.648 χ^2/NDF : 246853.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23287.688+/-6.361 χ^2/NDF : 89634.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

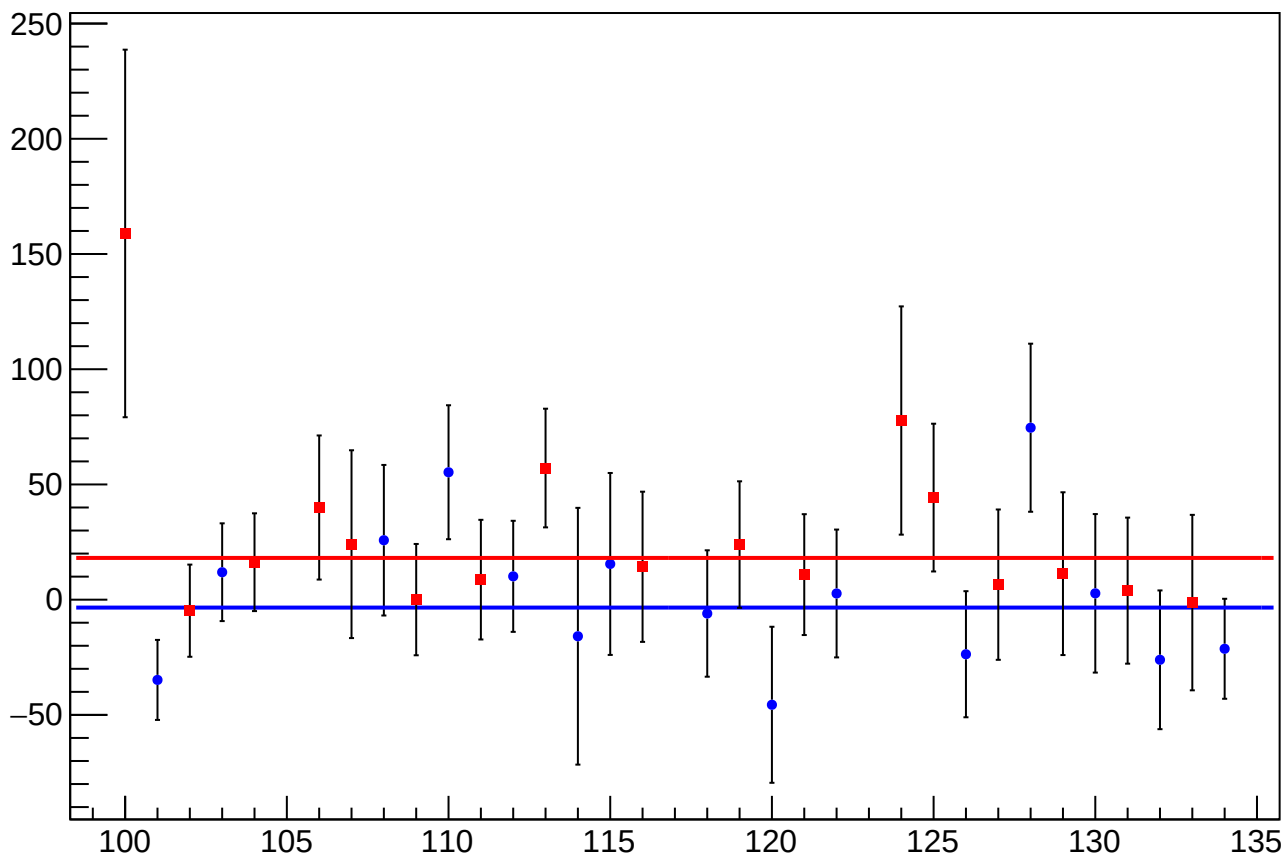
Right: 23323.598+/-4.596 χ^2/NDF : 336554.4/31

In: 23362.819+/-6.648 χ^2/NDF : 246853.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23323.598+/-4.596 χ^2/NDF : 336554.4/31

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -3.430+/-7.069 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.117+/-7.117 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

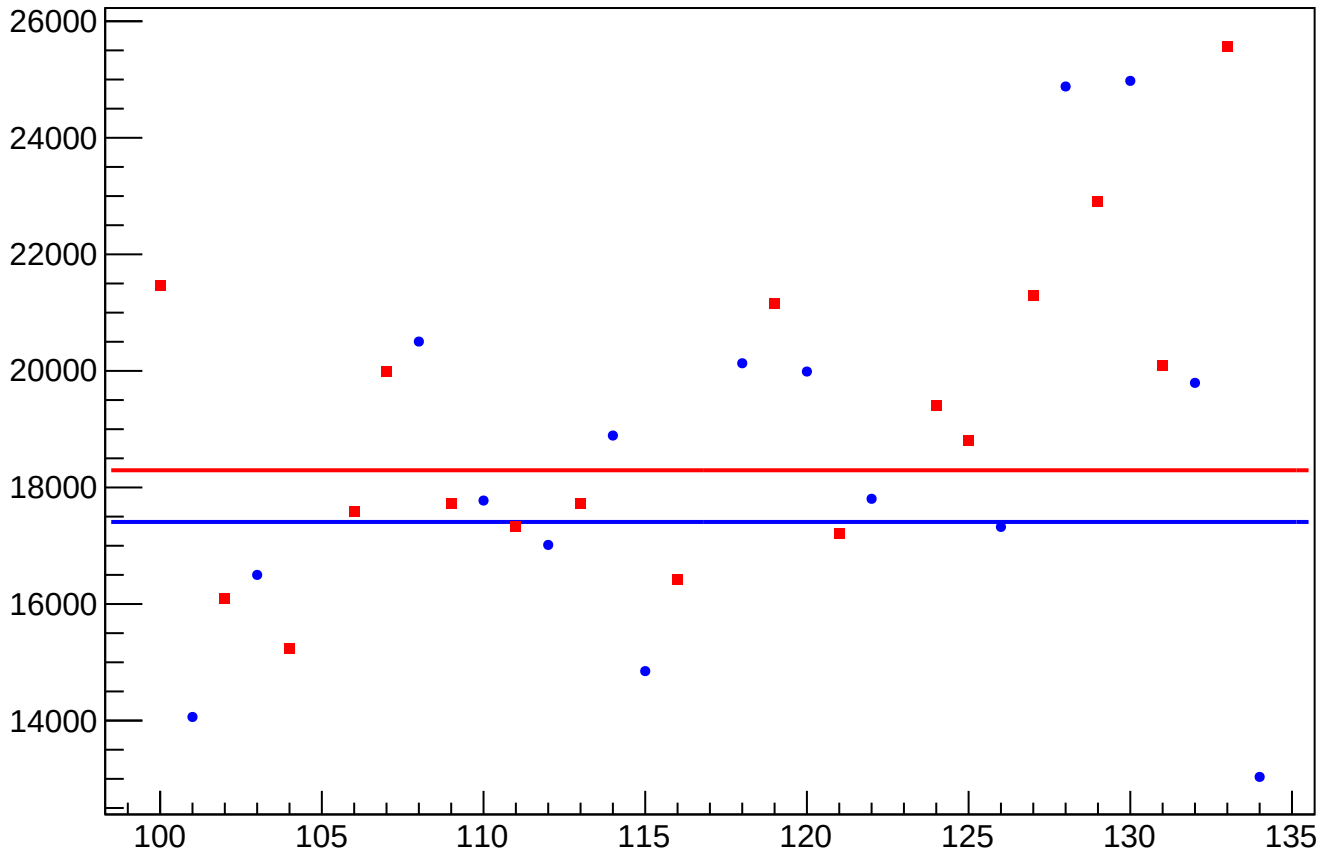
Right: 7.271+/-5.016 χ^2/NDF : 32.7/31

In: -3.430+/-7.069 χ^2/NDF : 17.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.271+/-5.016 χ^2/NDF : 32.7/31

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17408.351+/-4.999 χ^2/NDF : 413048.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18295.093+/-5.033 χ^2/NDF : 241651.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

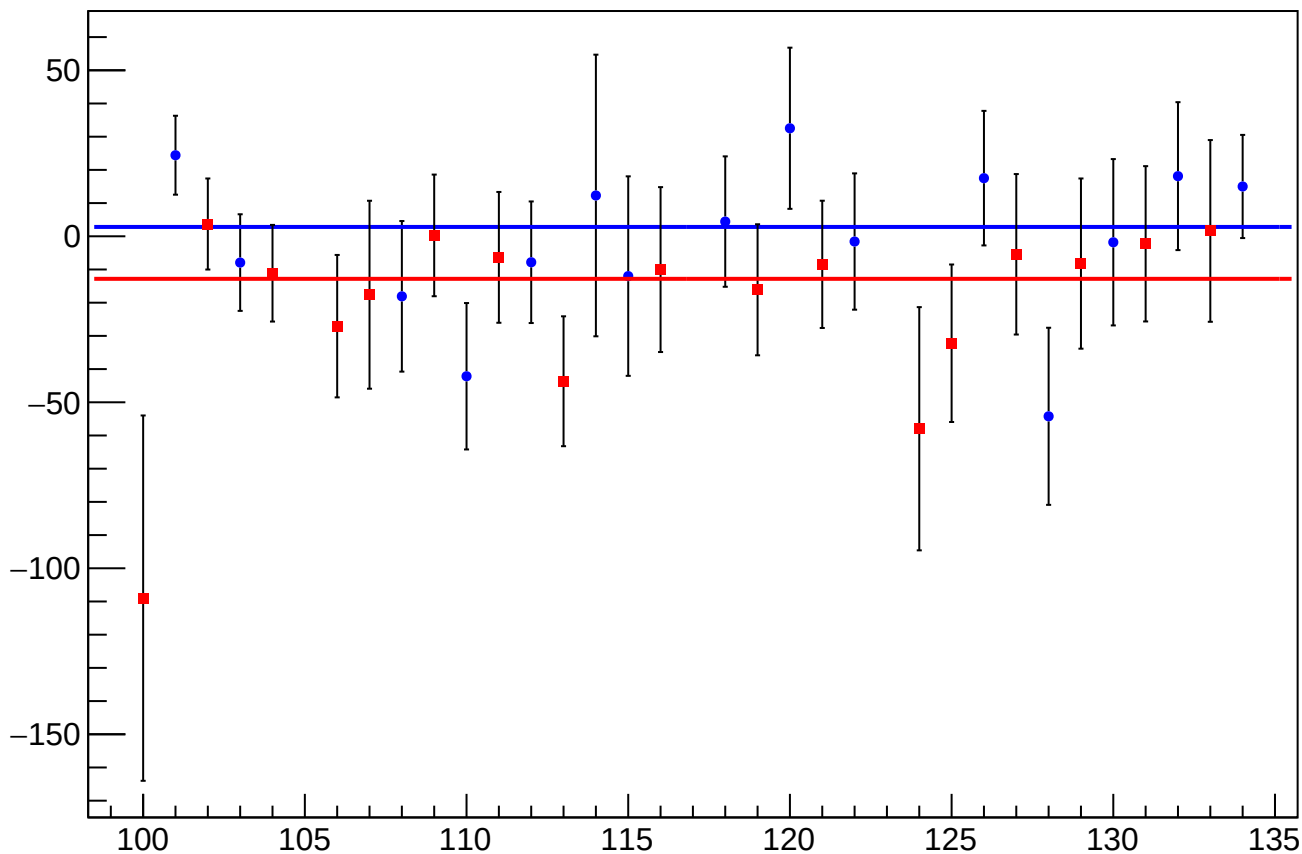
Right: 17848.742+/-3.547 χ^2/NDF : 670327.8/31

In: 17408.351+/-4.999 χ^2/NDF : 413048.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17848.742+/-3.547 χ^2/NDF : 670327.8/31

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 2.816+/-5.083 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.814+/-5.144 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

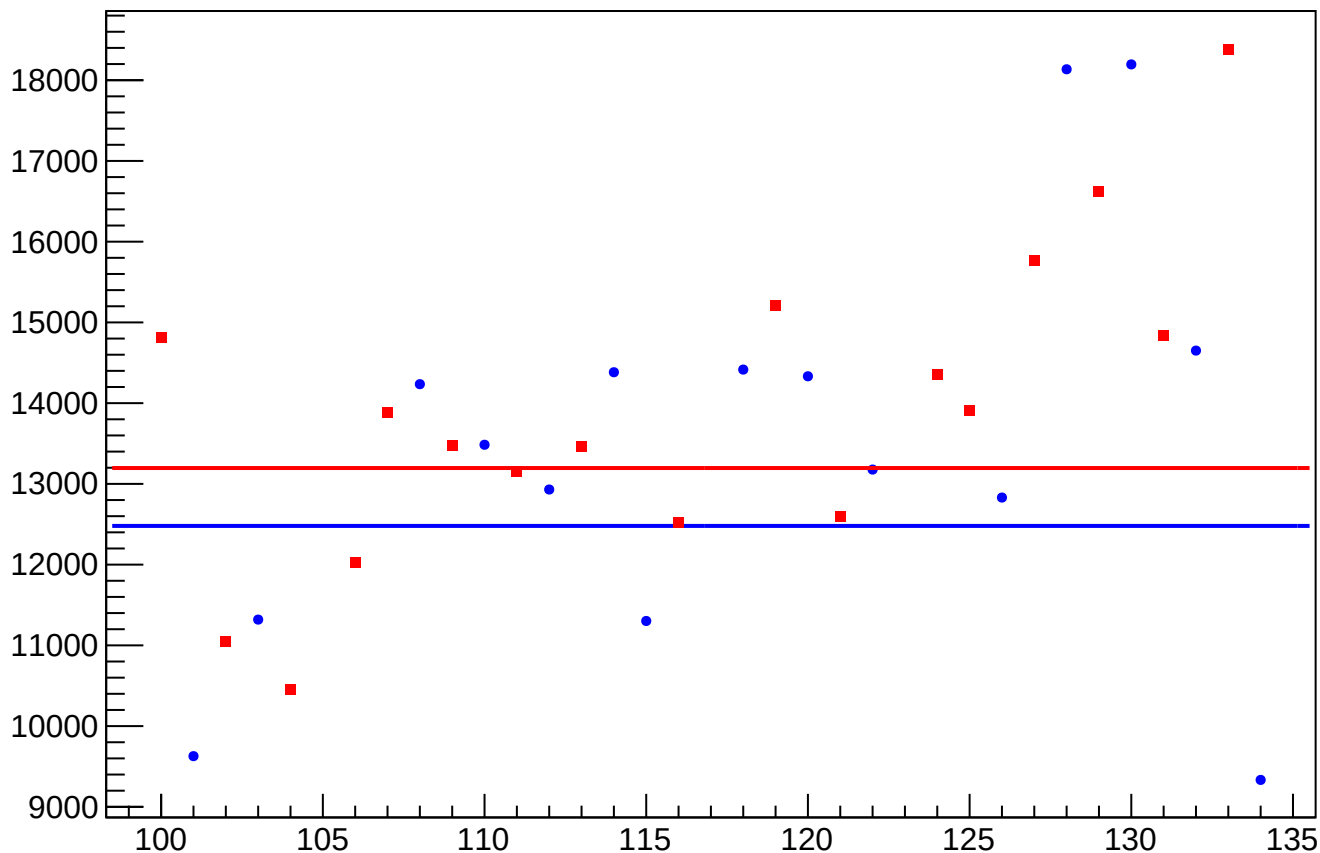
Right: -4.906+/-3.616 χ^2/NDF : 32.9/31

In: 2.816+/-5.083 χ^2/NDF : 17.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.906+/-3.616 χ^2/NDF : 32.9/31

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 12479.449+/-3.594 χ^2/NDF : 481287.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13196.475+/-3.638 χ^2/NDF : 297749.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

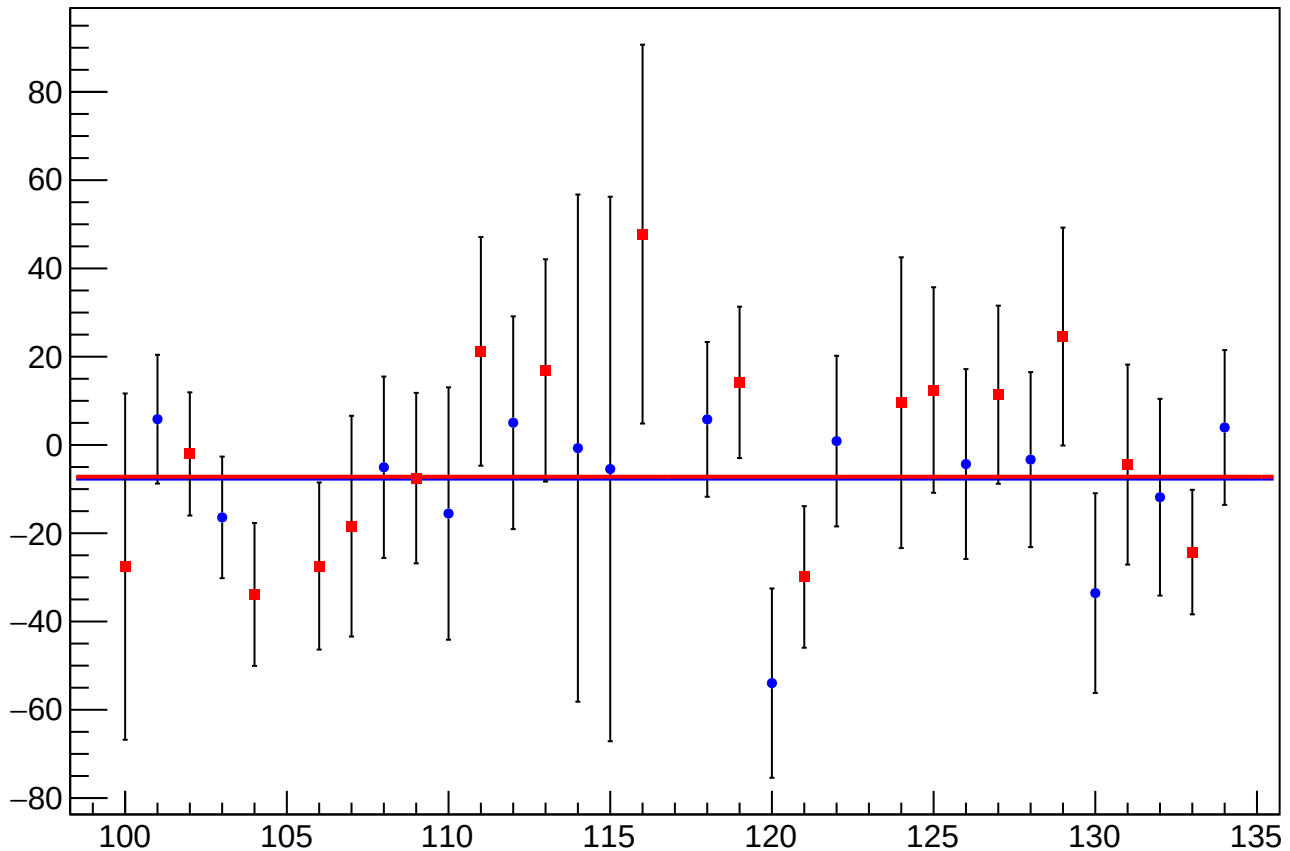
Right: 12833.684+/-2.557 χ^2/NDF : 798695.5/31

In: 12479.449+/-3.594 χ^2/NDF : 481287.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12833.684+/-2.557 χ^2/NDF : 798695.5/31

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -7.621+/-5.280 χ^2/NDF : 8.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.196+/-4.915 χ^2/NDF : 16.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

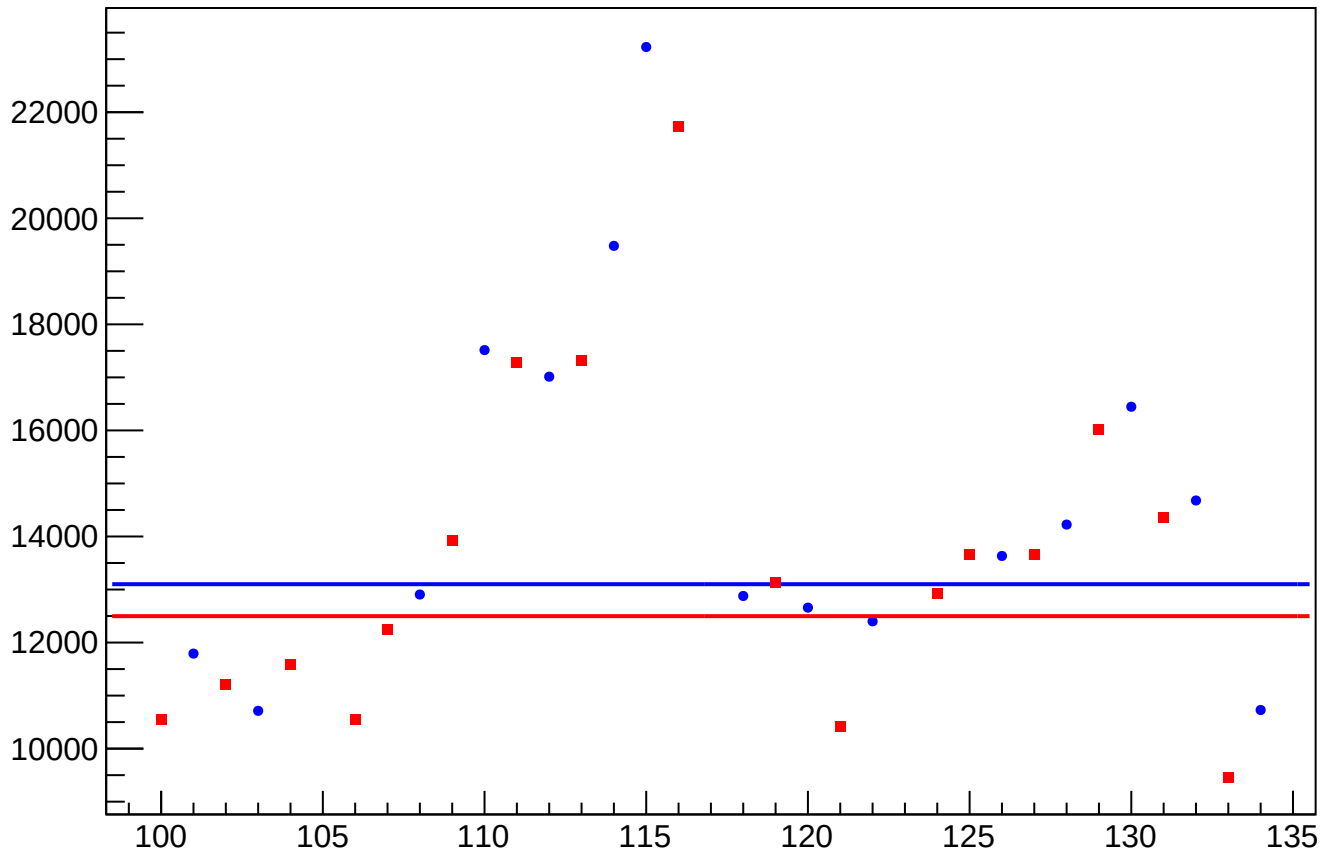
Right: -7.393+/-3.598 χ^2/NDF : 25.7/31

In: -7.621+/-5.280 χ^2/NDF : 8.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.393+/-3.598 χ^2/NDF : 25.7/31

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 13100.394+/-3.734 χ^2/NDF : 357103.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12497.714+/-3.475 χ^2/NDF : 489947.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

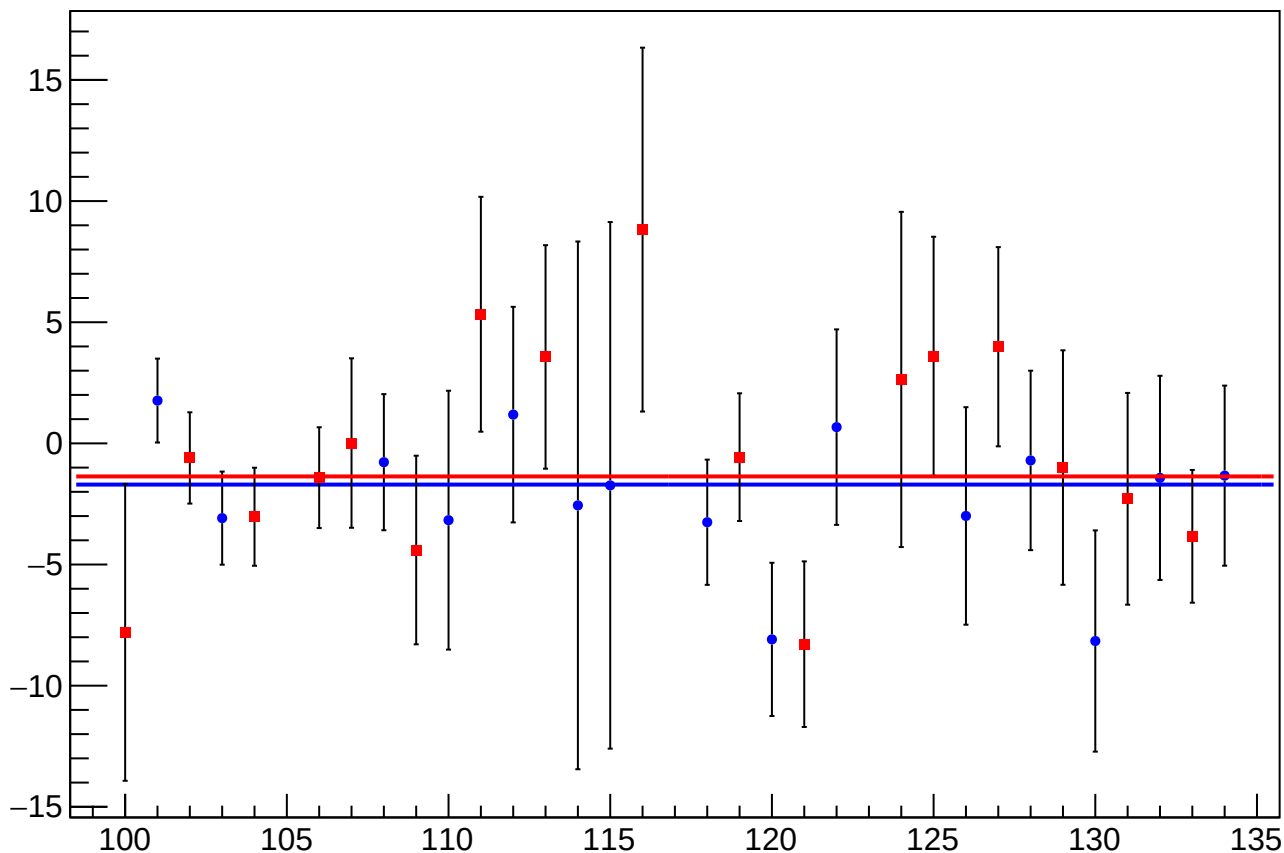
Right: 12777.501+/-2.544 χ^2/NDF : 861010.8/31

In: 13100.394+/-3.734 χ^2/NDF : 357103.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12777.501+/-2.544 χ^2/NDF : 861010.8/31

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.701 ± 0.832 χ^2/NDF : 12.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.365 ± 0.786 χ^2/NDF : 15.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

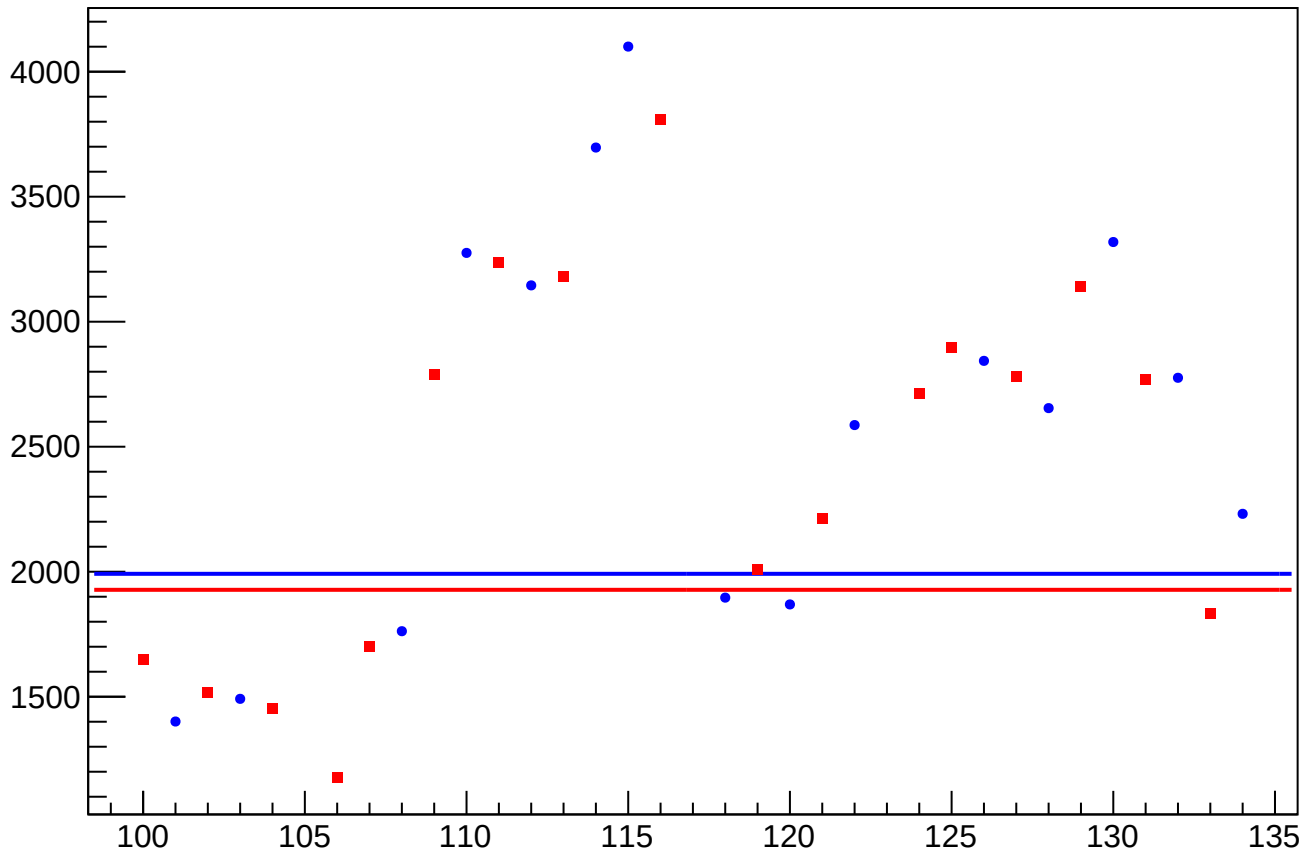
Right: -1.523 ± 0.571 χ^2/NDF : 27.9/31

In: -1.701 ± 0.832 χ^2/NDF : 12.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.523 ± 0.571 χ^2/NDF : 27.9/31

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1991.615+/-0.588 χ^2/NDF : 1187757.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1927.617+/-0.556 χ^2/NDF : 1401827.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

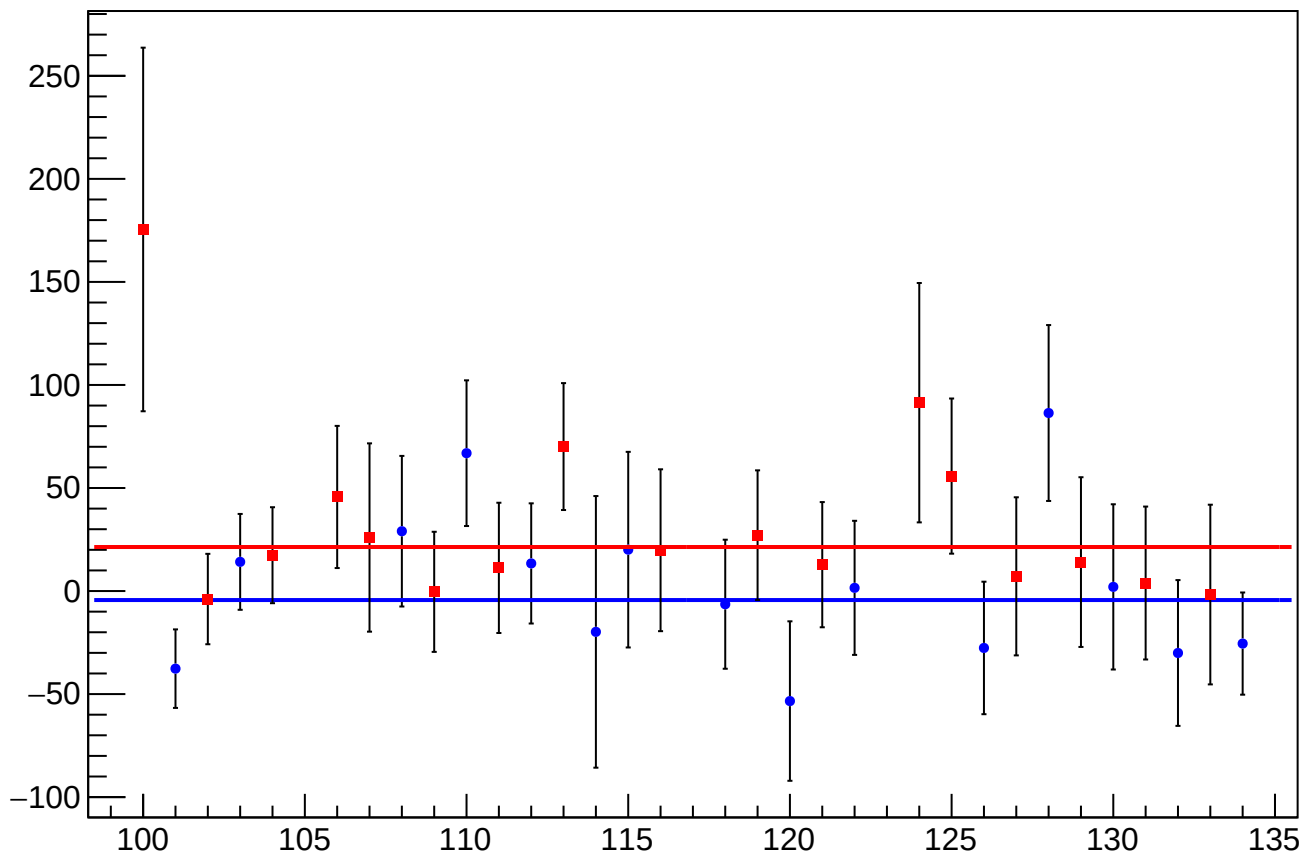
Right: 1957.797+/-0.404 χ^2/NDF : 2595834.7/31

In: 1991.615+/-0.588 χ^2/NDF : 1187757.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.797+/-0.404 χ^2/NDF : 2595834.7/31

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -4.371+/-8.111 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.363+/-8.200 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

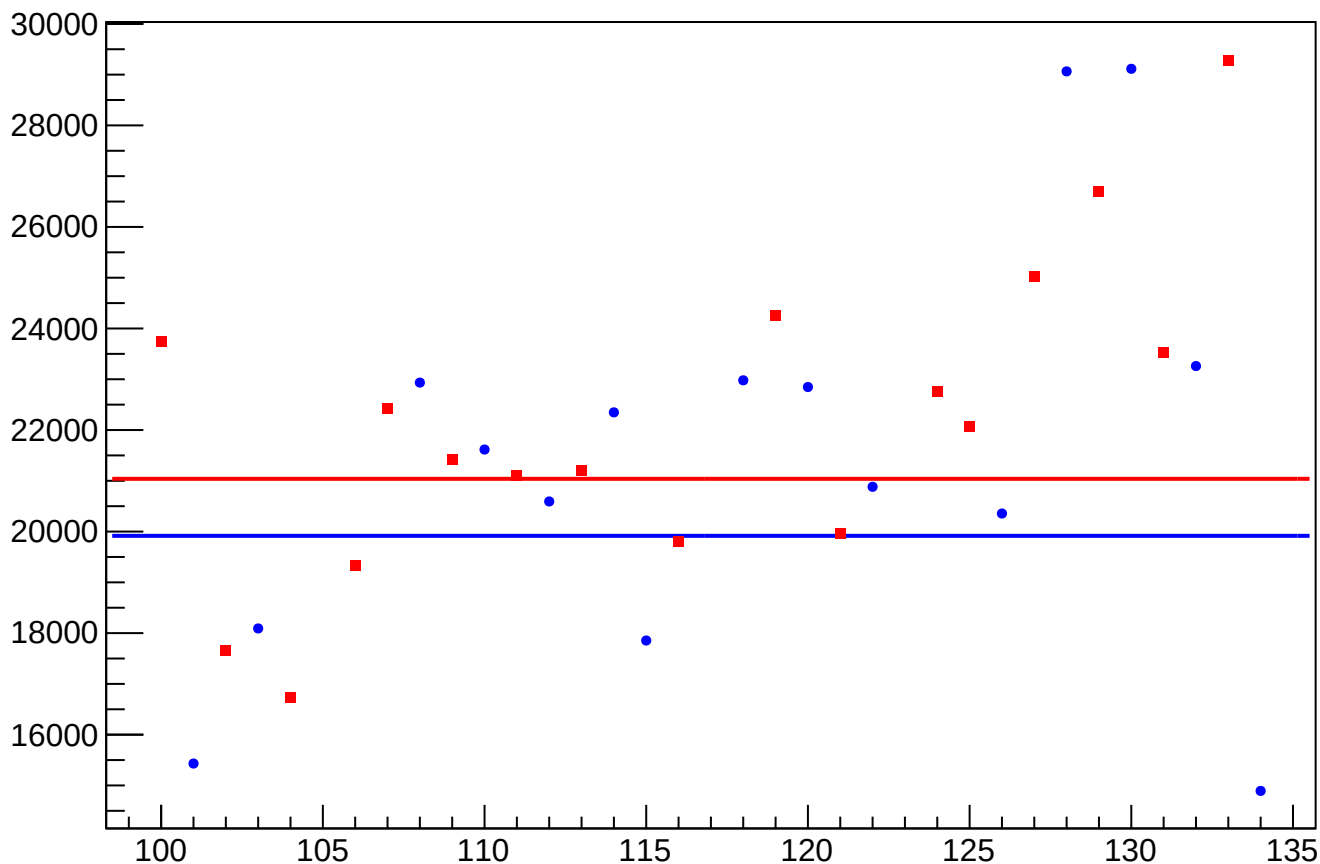
Right: 8.355+/-5.767 χ^2/NDF : 33.4/31

In: -4.371+/-8.111 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.355+/-5.767 χ^2/NDF : 33.4/31

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 19916.102+/-5.735 χ^2/NDF : 478890.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21038.985+/-5.799 χ^2/NDF : 293468.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

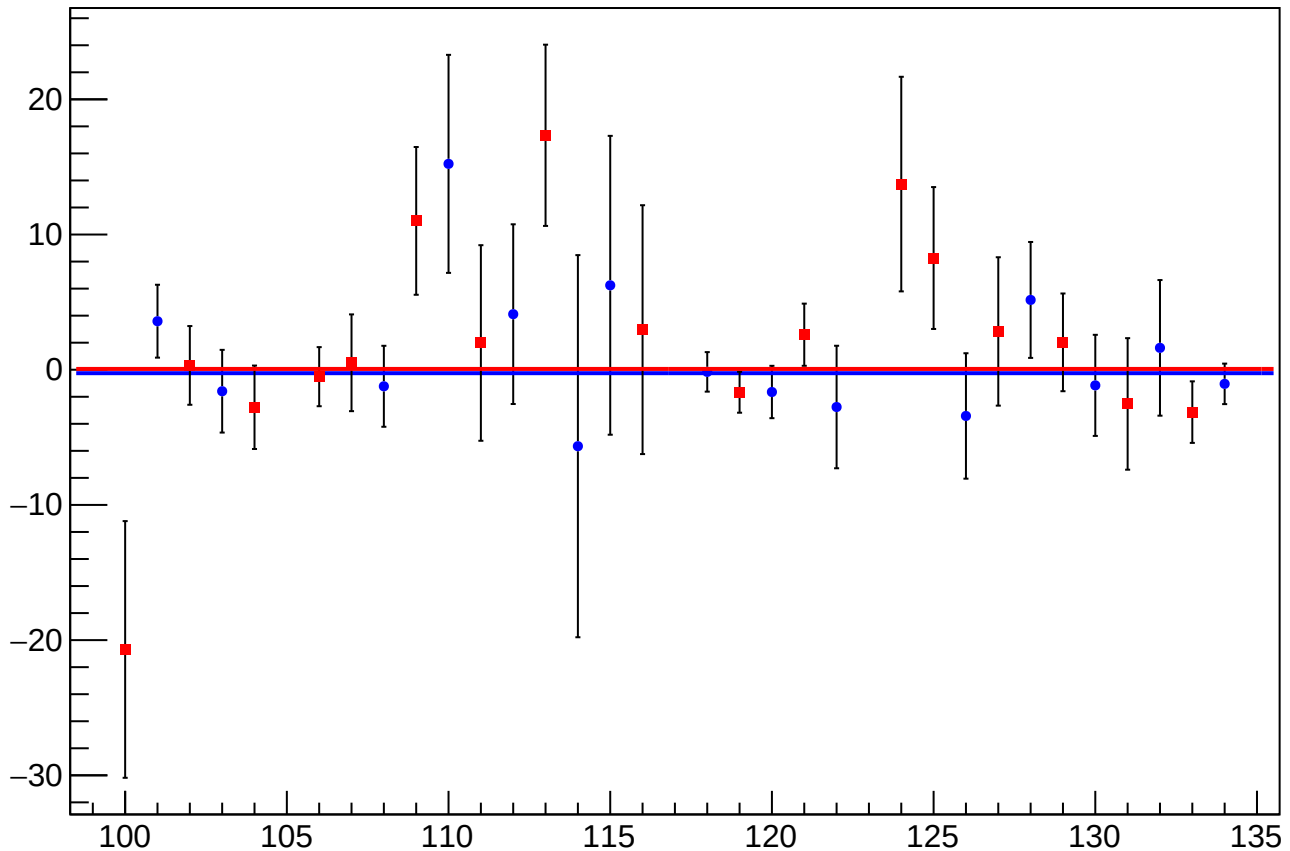
Right: 20471.375+/-4.078 χ^2/NDF : 791314.8/31

In: 19916.102+/-5.735 χ^2/NDF :478890.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20471.375+/-4.078 χ^2/NDF : 791314.8/31

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.256 ± 0.736 χ^2/NDF : 10.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.059 ± 0.783 χ^2/NDF : 27.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

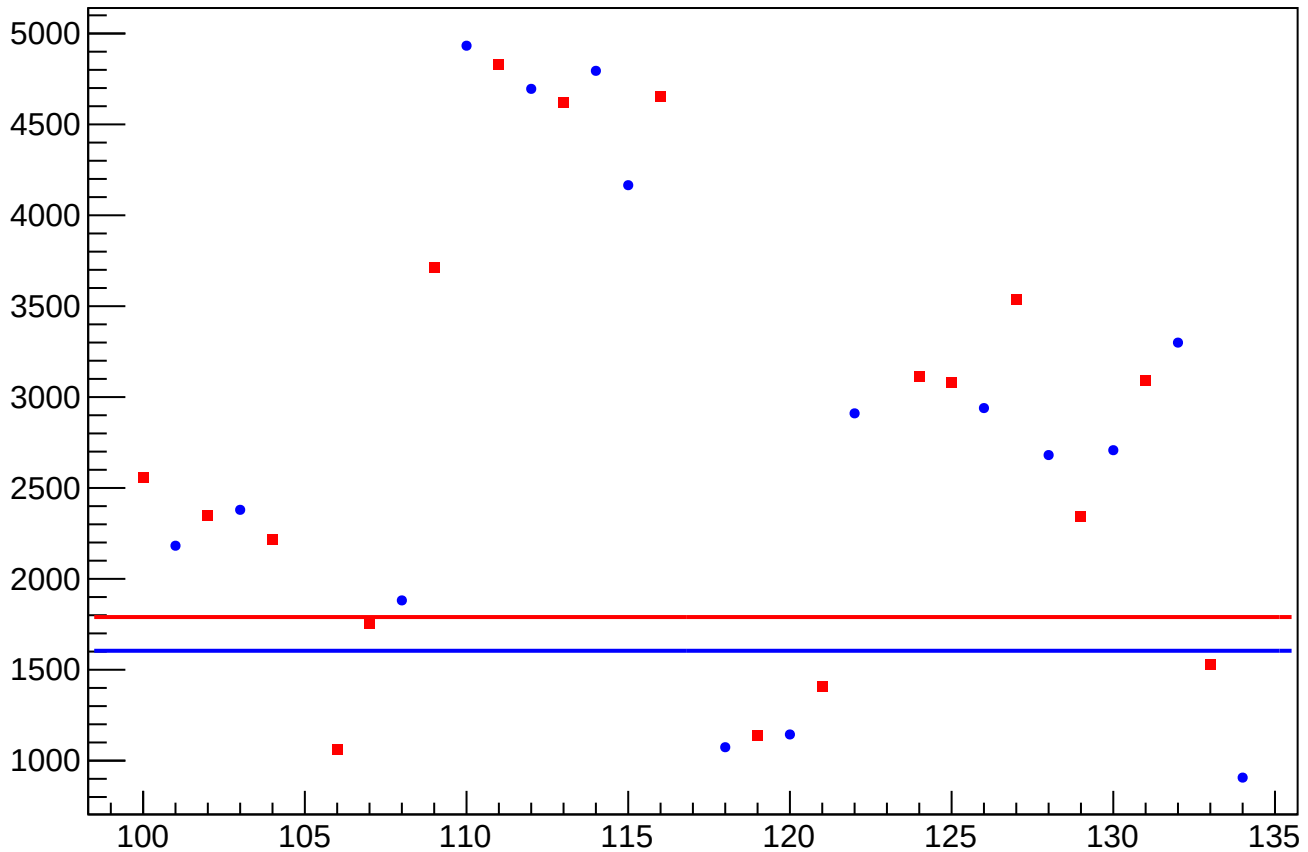
Right: -0.108 ± 0.536 χ^2/NDF : 37.7/31

In: -0.256 ± 0.736 χ^2/NDF : 10.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.108 ± 0.536 χ^2/NDF : 37.7/31

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1604.439+/-0.520 χ^2/NDF : 2890966.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1789.960+/-0.554 χ^2/NDF : 2518943.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

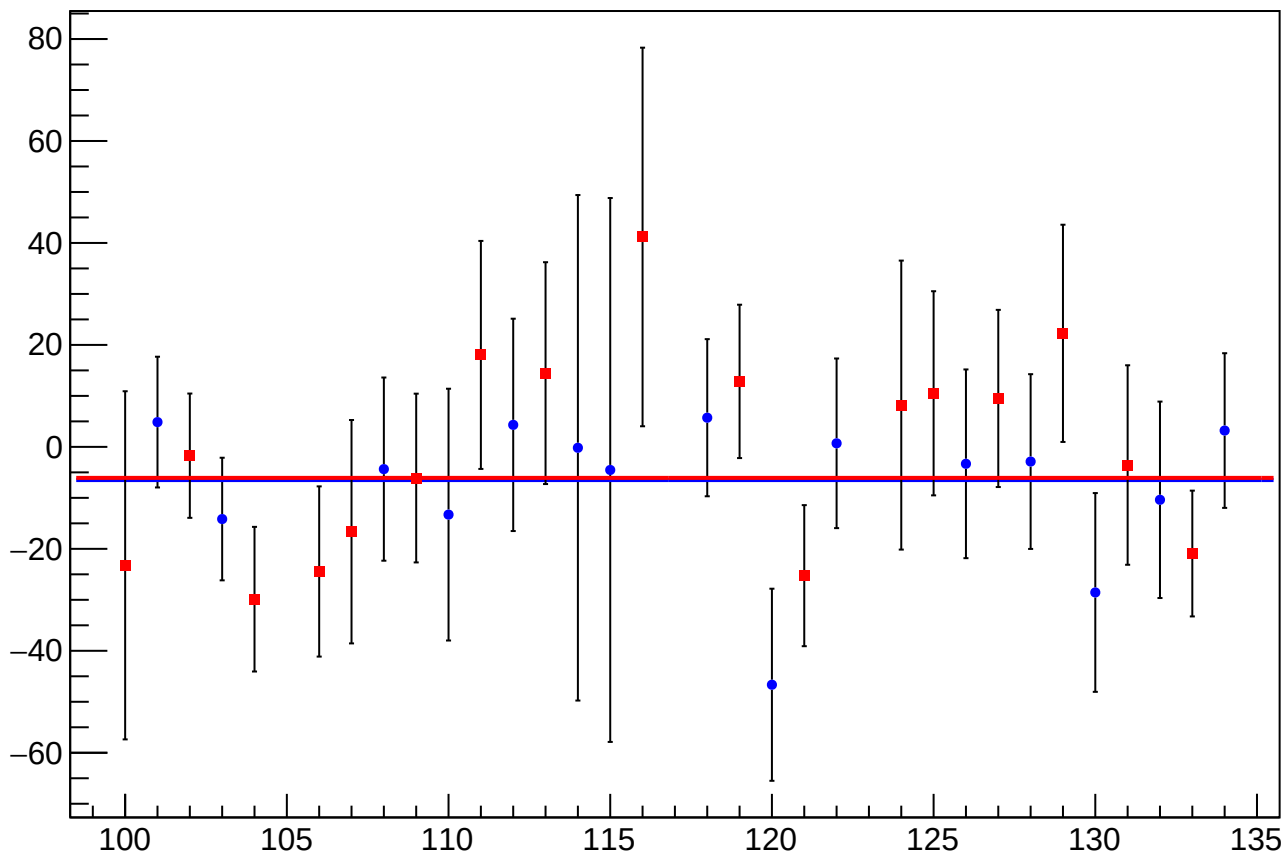
Right: 1691.382+/-0.379 χ^2/NDF : 5469534.5/31

In: 1604.439+/-0.520 χ^2/NDF :2890966.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1691.382+/-0.379 χ^2/NDF : 5469534.5/31

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -6.512 $\pm$ 4.591 χ^2 /NDF: 8.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.081 $\pm$ 4.272 χ^2 /NDF: 16.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

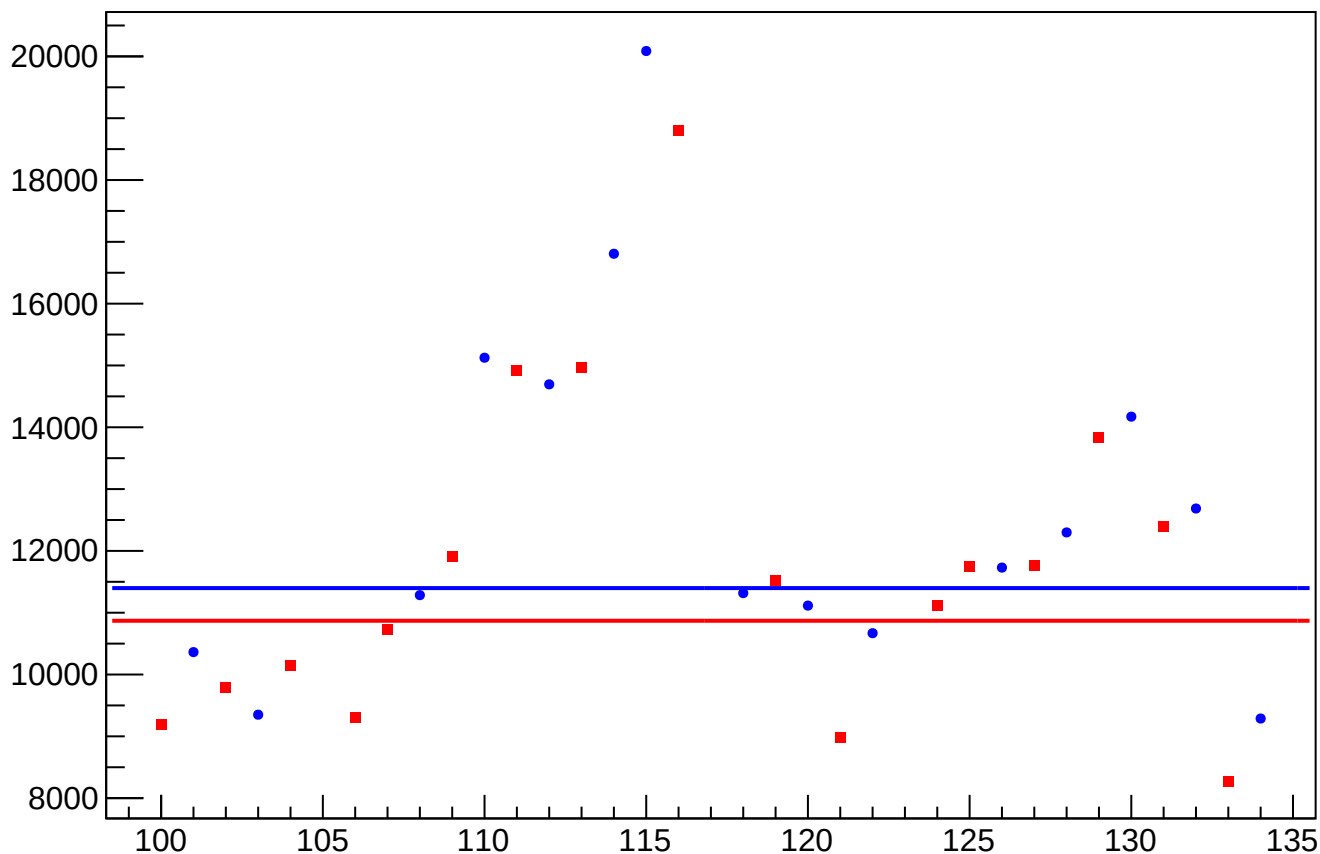
Right: -6.281 $\pm$ 3.128 χ^2 /NDF: 25.5/31

In: -6.512 $\pm$ 4.591 χ^2 /NDF:8.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.281 $\pm$ 3.128 χ^2 /NDF: 25.5/31

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11398.314+/-3.247 χ^2/NDF : 342337.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10869.662+/-3.021 χ^2/NDF : 468249.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

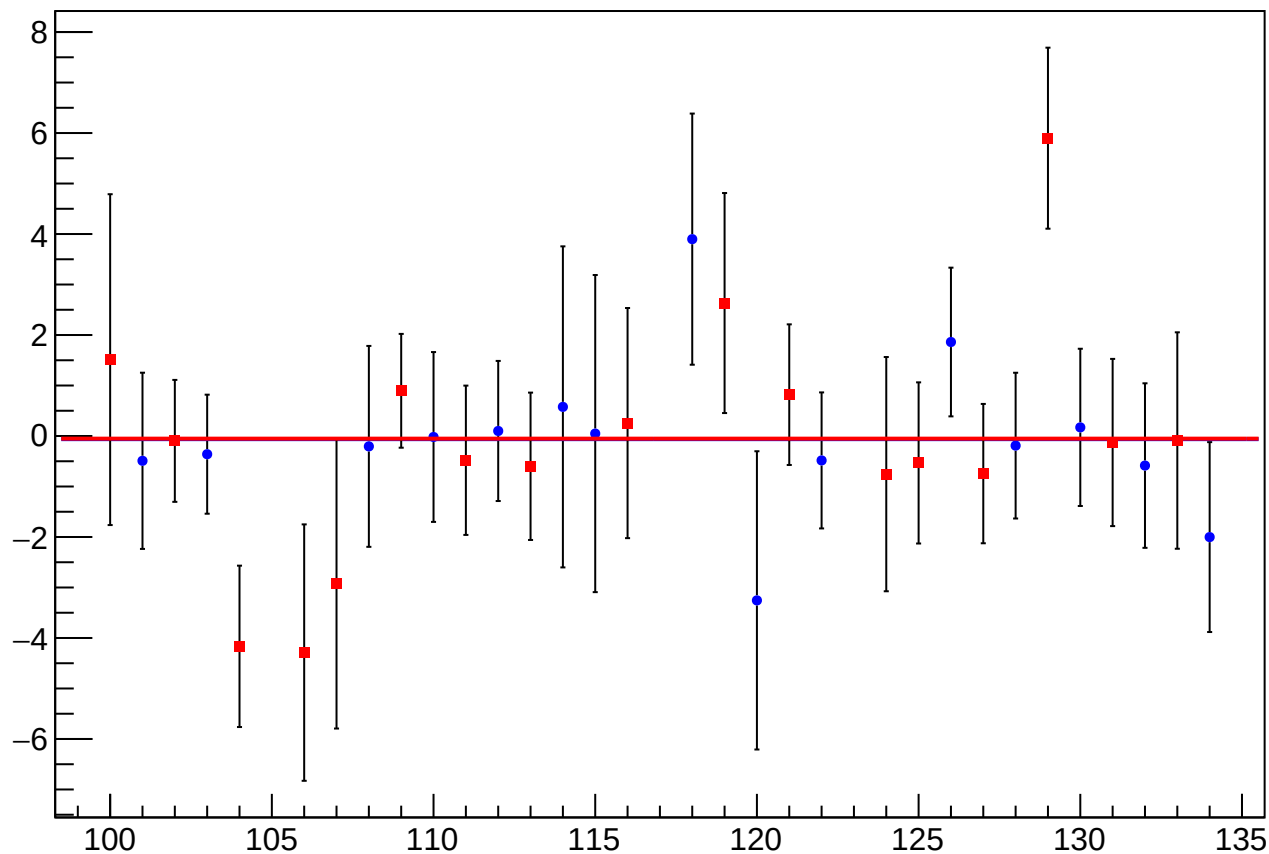
Right: 11114.957+/-2.211 χ^2/NDF : 824798.9/31

In: 11398.314+/-3.247 χ^2/NDF :342337.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11114.957+/-2.211 χ^2/NDF : 824798.9/31

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.438 $\chi^2/\text{NDF: } 6.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

Right Out: -0.052 ± 0.406 $\chi^2/\text{NDF: } 25.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

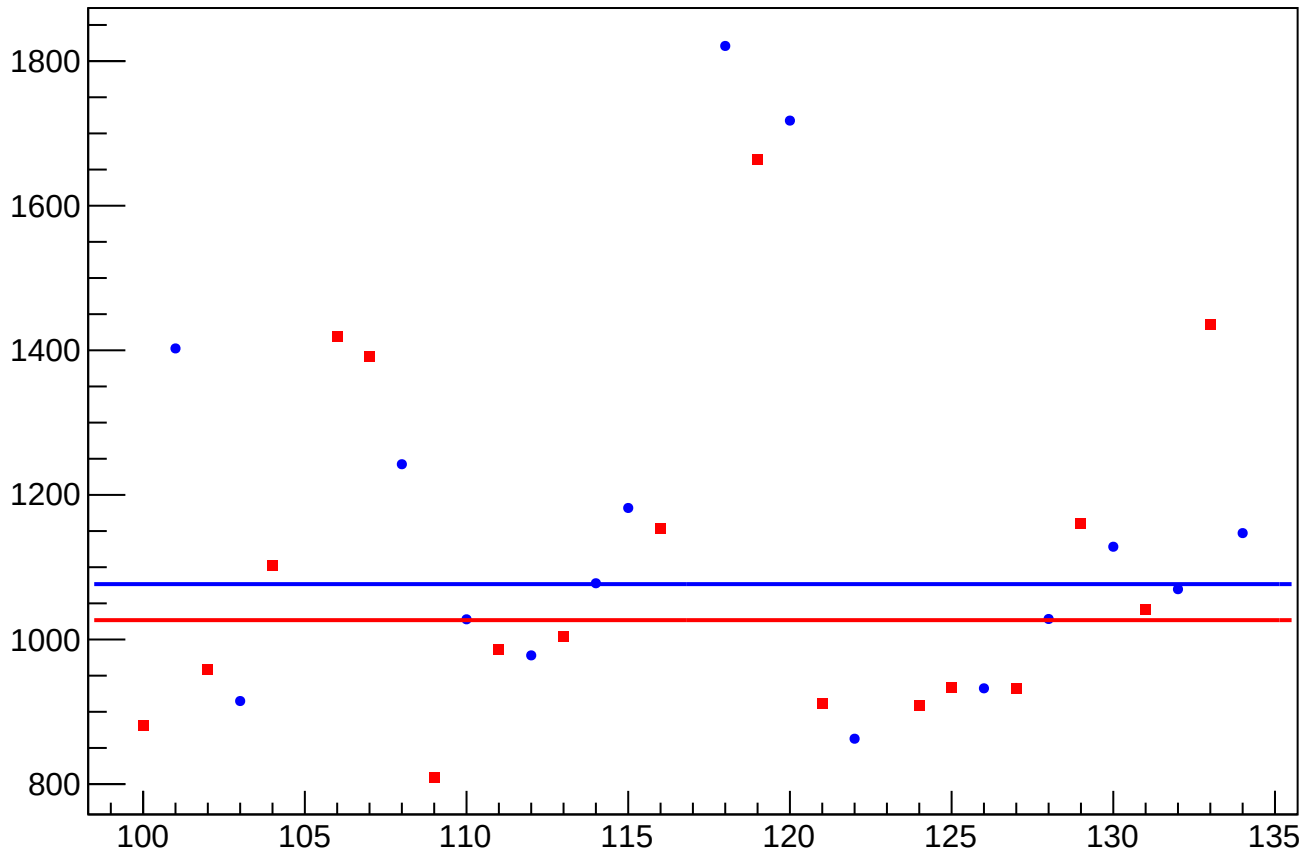
Right: -0.057 ± 0.298 $\chi^2/\text{NDF: } 31.8/31$

In: -0.062 ± 0.438 $\chi^2/\text{NDF: } 6.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

All: -0.057 ± 0.298 $\chi^2/\text{NDF: } 31.8/31$

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1076.608 $\pm$ 0.310 χ^2 /NDF: 485667.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1026.774 $\pm$ 0.287 χ^2 /NDF: 467169.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

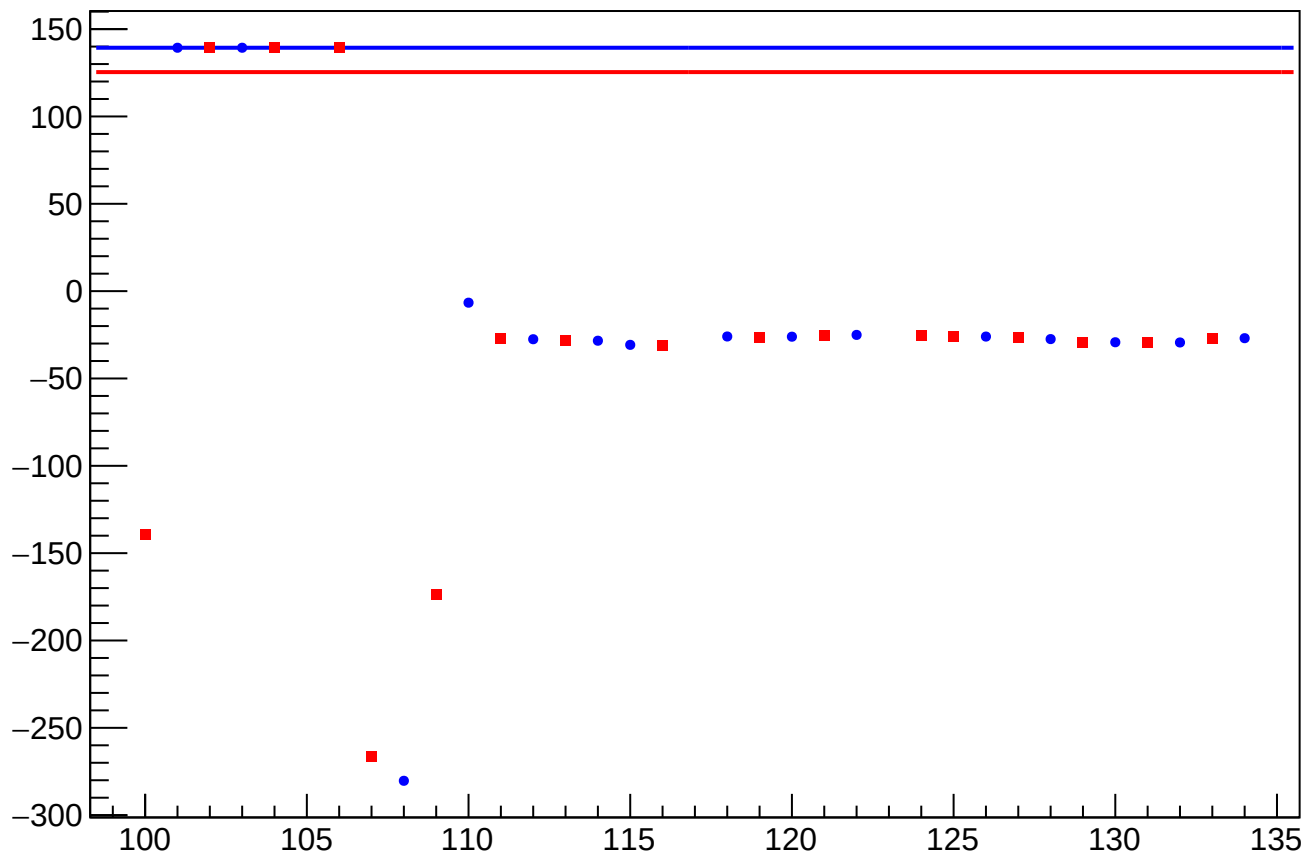
Right: 1049.786 $\pm$ 0.210 χ^2 /NDF: 966779.0/31

In: 1076.608 $\pm$ 0.310 χ^2 /NDF:485667.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

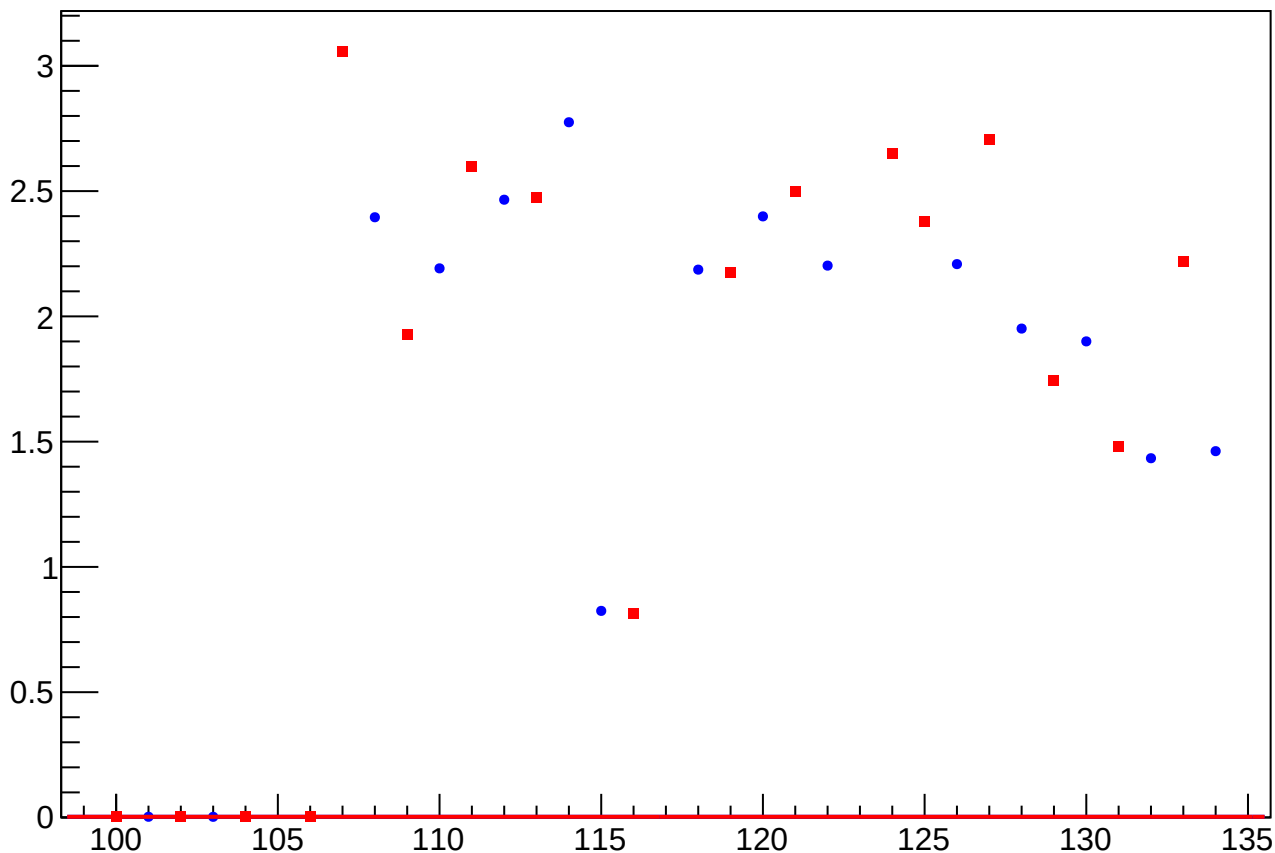
All: 1049.786 $\pm$ 0.210 χ^2 /NDF: 966779.0/31

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.337 $\pm$ 0.000 χ^2 /NDF: 39473273236.2/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774166428112631.2/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 131.818 $\pm$ 0.000 χ^2 /NDF: 792990779141557

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 8279546.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8696518.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

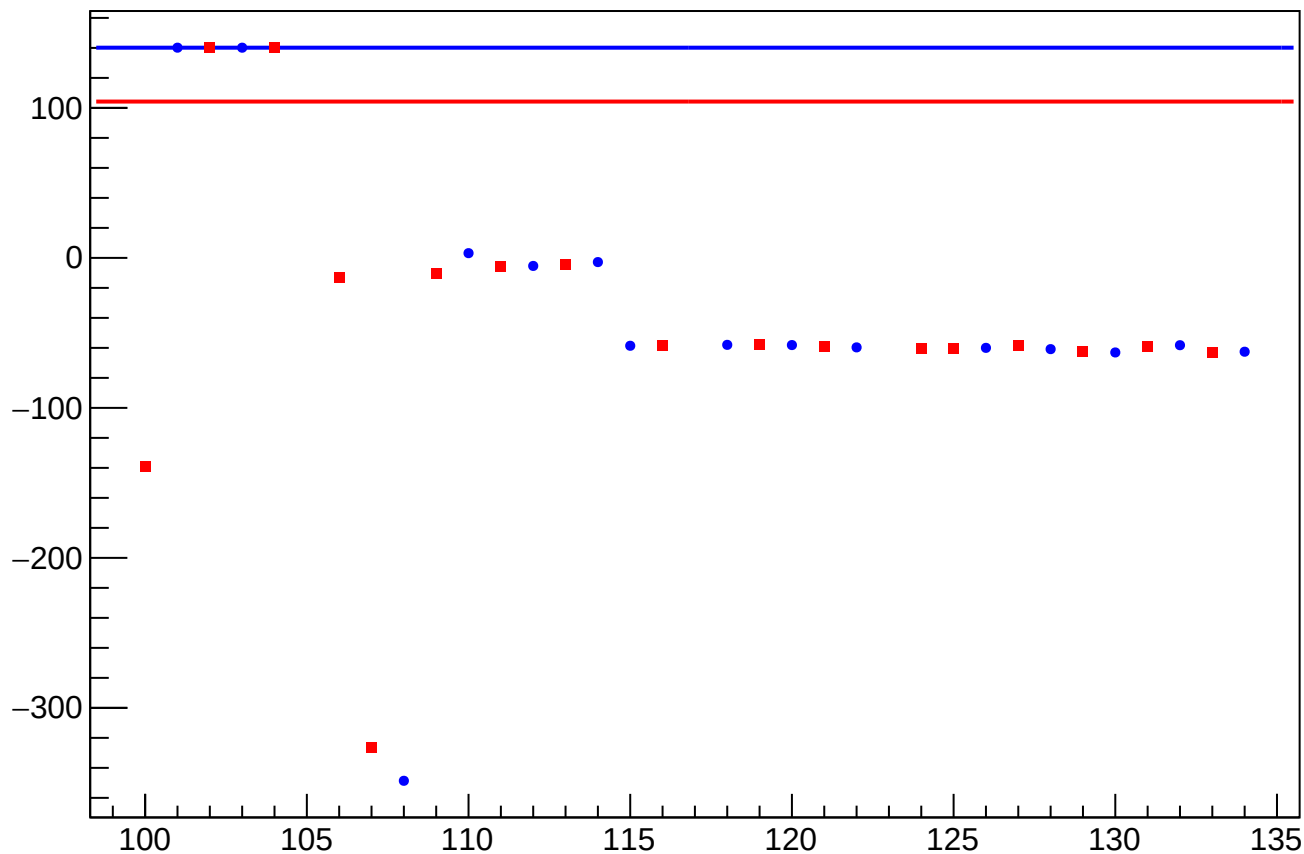
Right: 0.003+/-0.000 χ^2/NDF : 16976243.2/31

In: 0.003+/-0.000 χ^2/NDF :8279546.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

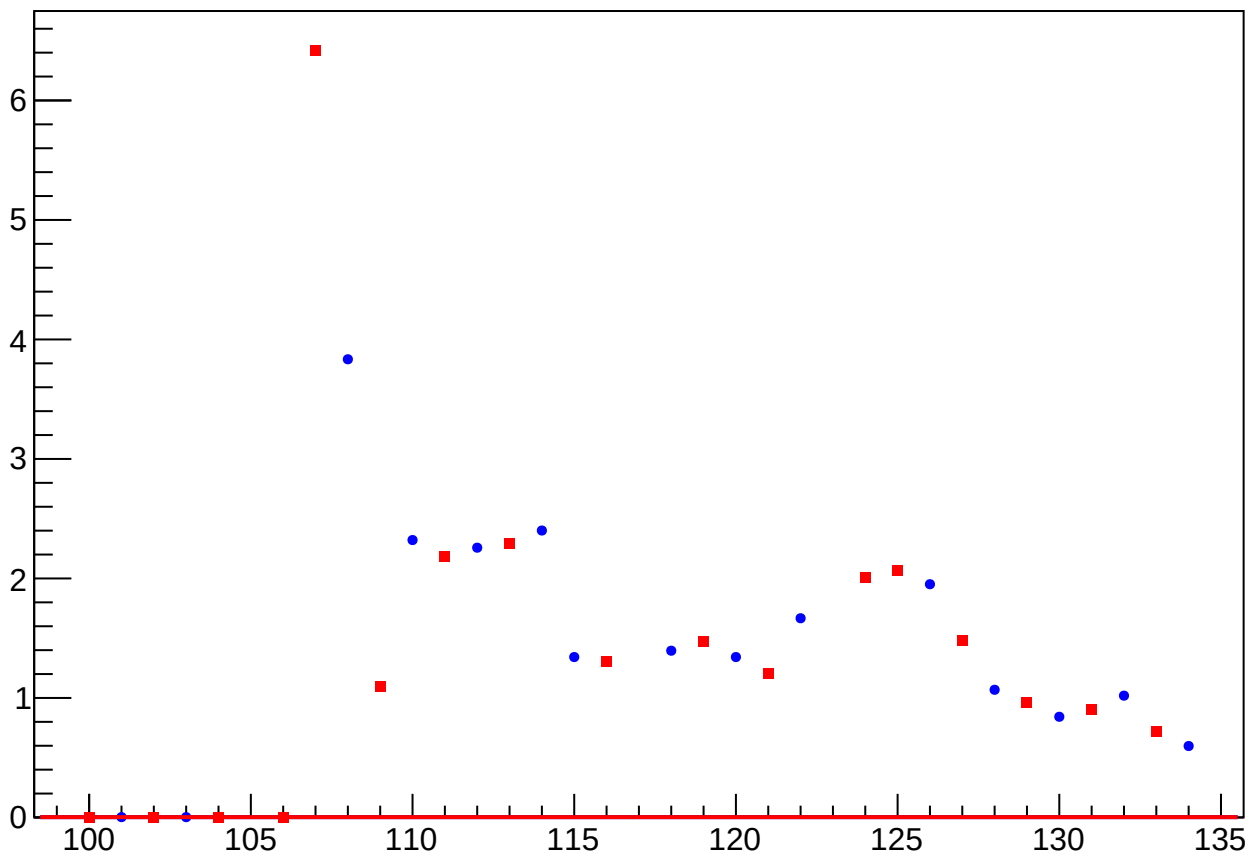
All: 0.003+/-0.000 χ^2/NDF : 16976243.2/31

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.145+/-0.000 χ^2/NDF : 136561222554.8/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 104.225+/-0.000 χ^2/NDF : 1257371671395131.5/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 120.833+/-0.000 χ^2/NDF : 138081749562663

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 9144997.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 9060392.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

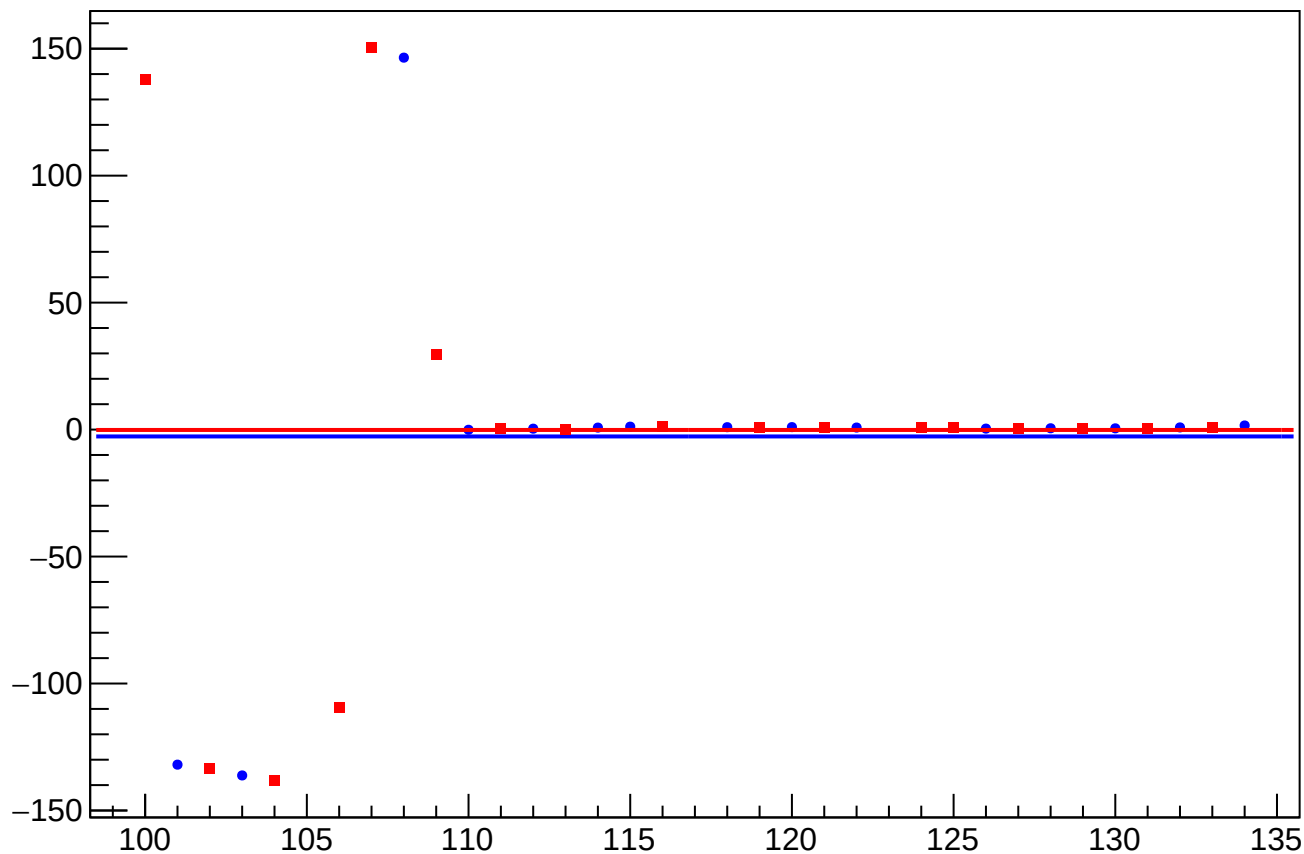
Right: 0.003+/-0.000 χ^2/NDF : 18205580.0/31

In: 0.003+/-0.000 χ^2/NDF :9144997.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 18205580.0/31

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -2.700+/-0.000 χ^2/NDF : 9849299644.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.145+/-0.000 χ^2/NDF : 3605795974.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

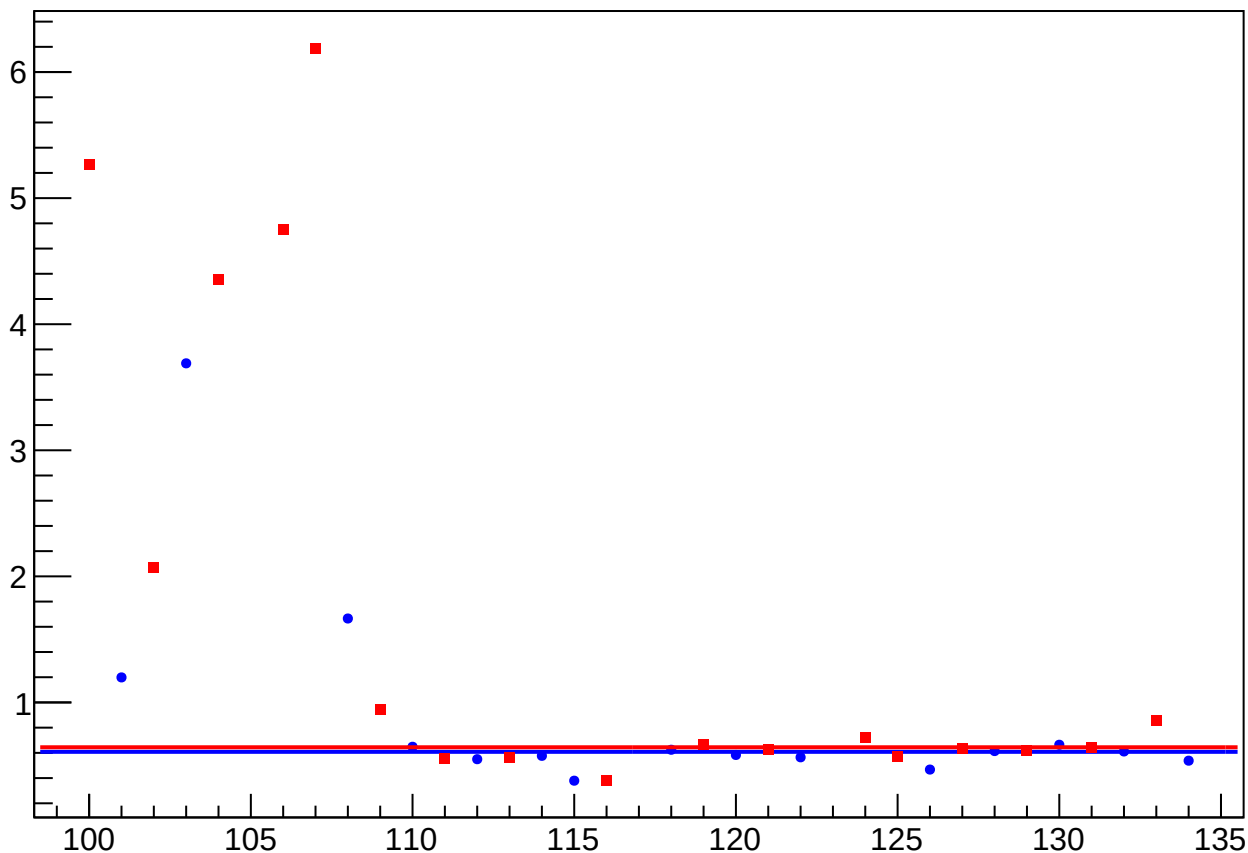
Right: -1.502+/-0.000 χ^2/NDF : 13492210638.8/31

In: -2.700+/-0.000 χ^2/NDF :9849299644.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.502+/-0.000 χ^2/NDF : 13492210638.8/31

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.608+/-0.000 χ^2/NDF : 1370362.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.644+/-0.000 χ^2/NDF : 2344789.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

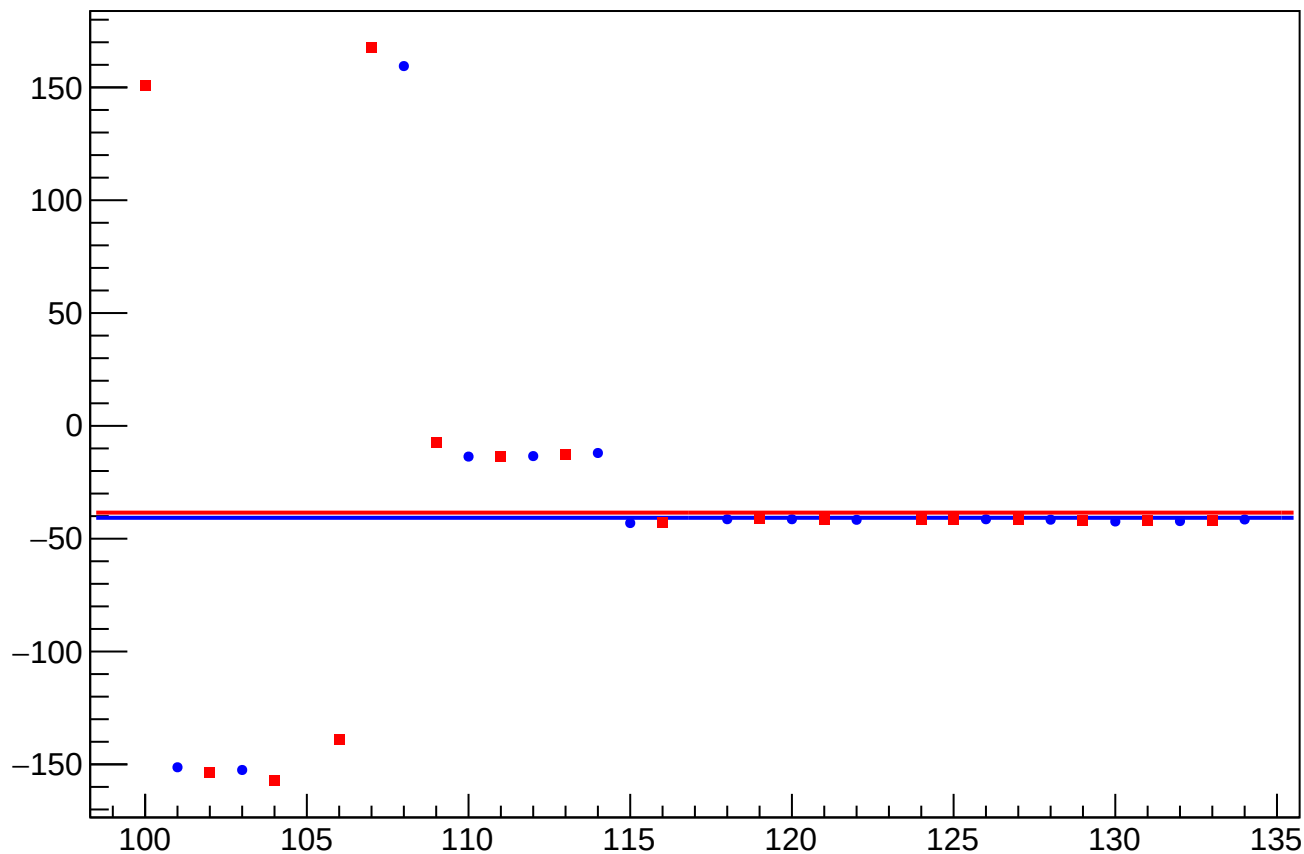
Right: 0.625+/-0.000 χ^2/NDF : 3729989.8/31

In: 0.608+/-0.000 χ^2/NDF : 1370362.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.625+/-0.000 χ^2/NDF : 3729989.8/31

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -40.738+/-0.000 χ^2/NDF : 3445782180.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.446+/-0.000 χ^2/NDF : 2450000461.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

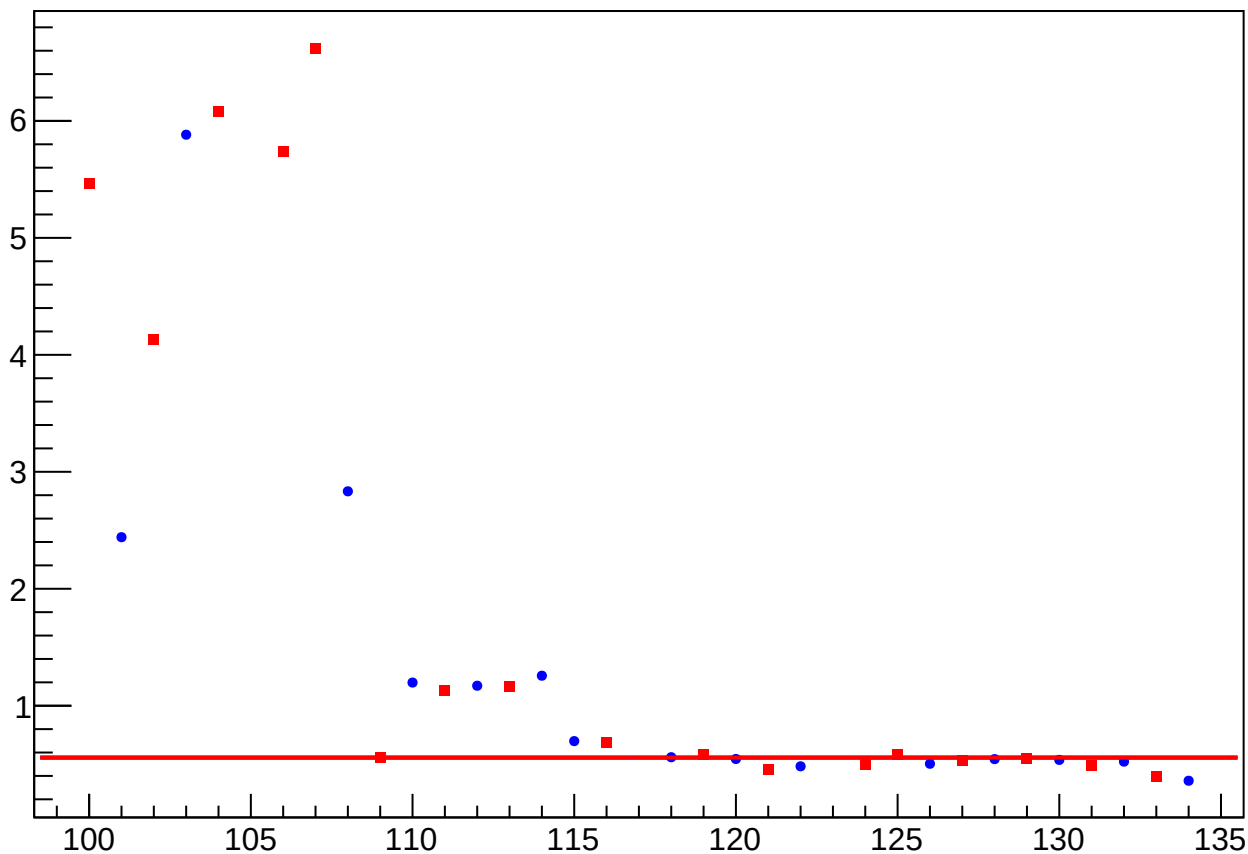
Right: -39.590+/-0.000 χ^2/NDF : 5933177176.7/31

In: -40.738+/-0.000 χ^2/NDF : 3445782180.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.590+/-0.000 χ^2/NDF : 5933177176.7/31

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.557+/-0.000 χ^2/NDF : 2800570.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.557+/-0.000 χ^2/NDF : 3114118.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

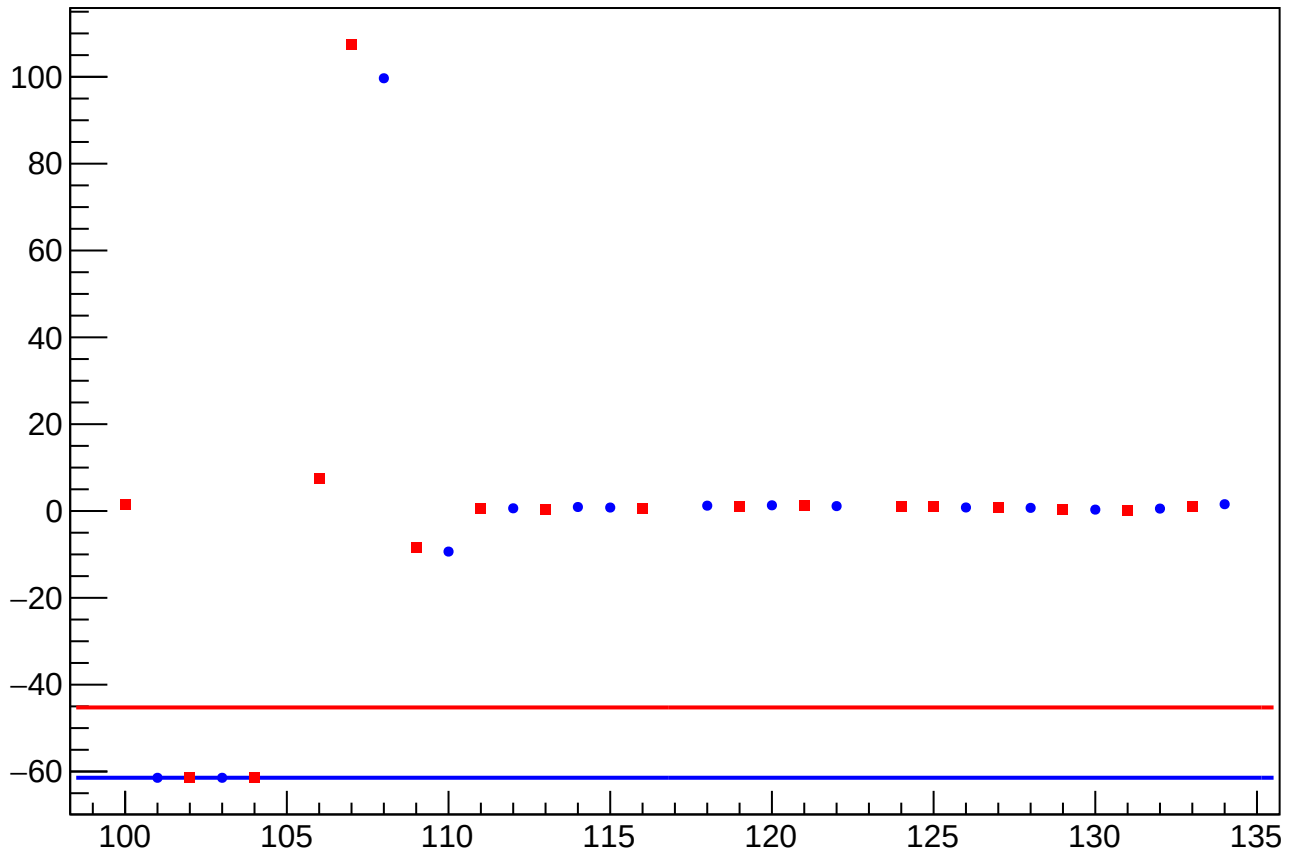
Right: 0.557+/-0.000 χ^2/NDF : 5914688.6/31

In: 0.557+/-0.000 χ^2/NDF : 2800570.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

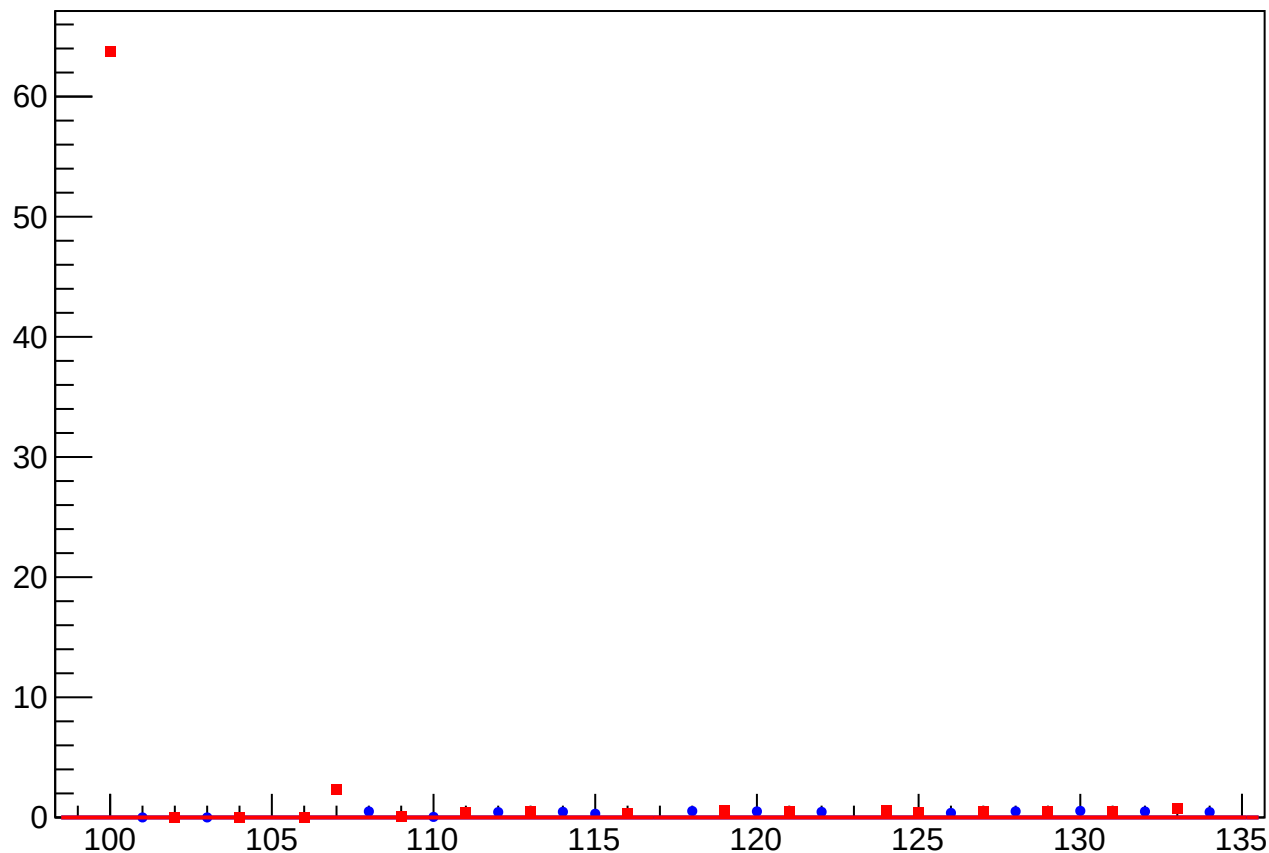
All: 0.557+/-0.000 χ^2/NDF : 5914688.6/31

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.437+/-0.000 χ^2/NDF : 250929250298.8/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357861613743621.8/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.750+/-0.000 χ^2/NDF : 409093462642039

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 7783151.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 8178150.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

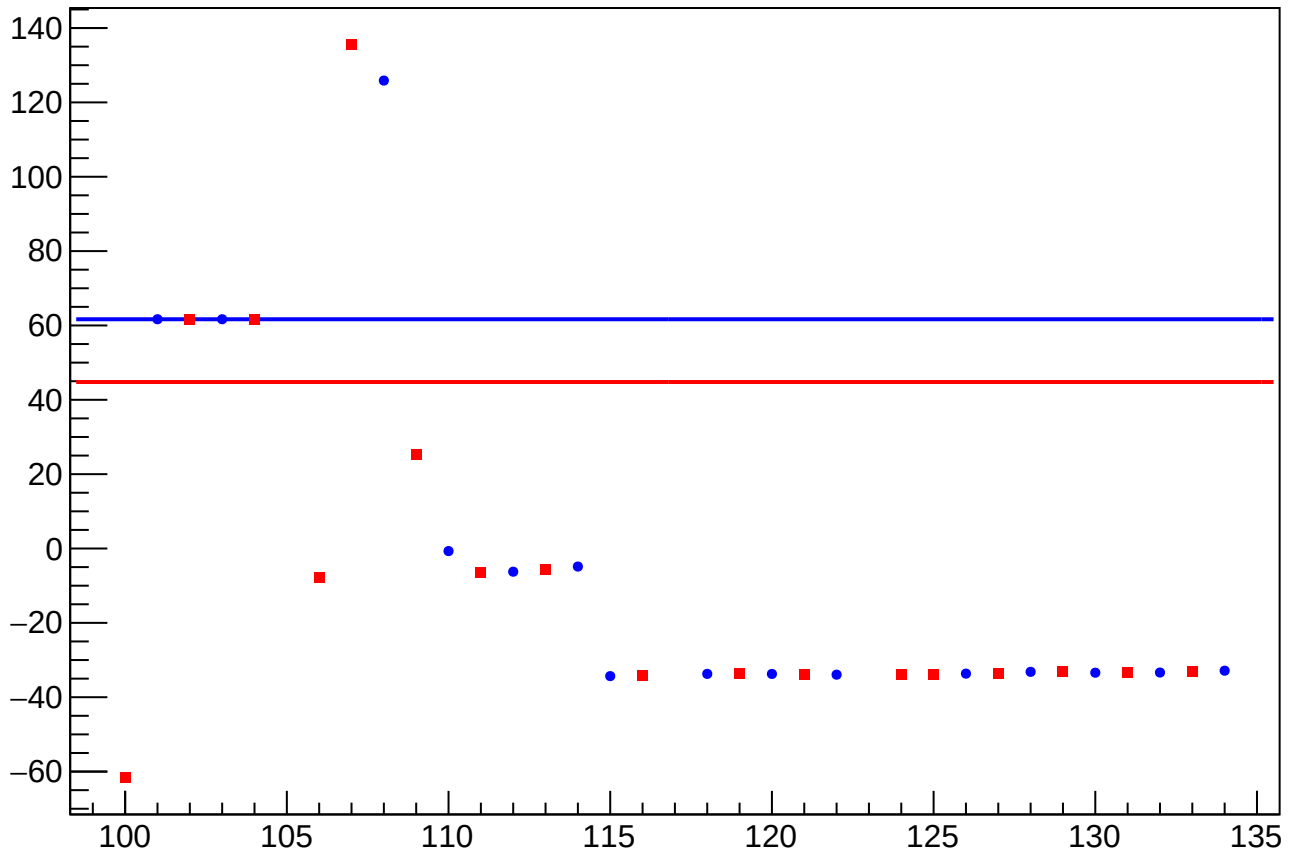
Right: 0.001+/-0.000 χ^2/NDF : 15961302.4/31

In: 0.001+/-0.000 χ^2/NDF : 7783151.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

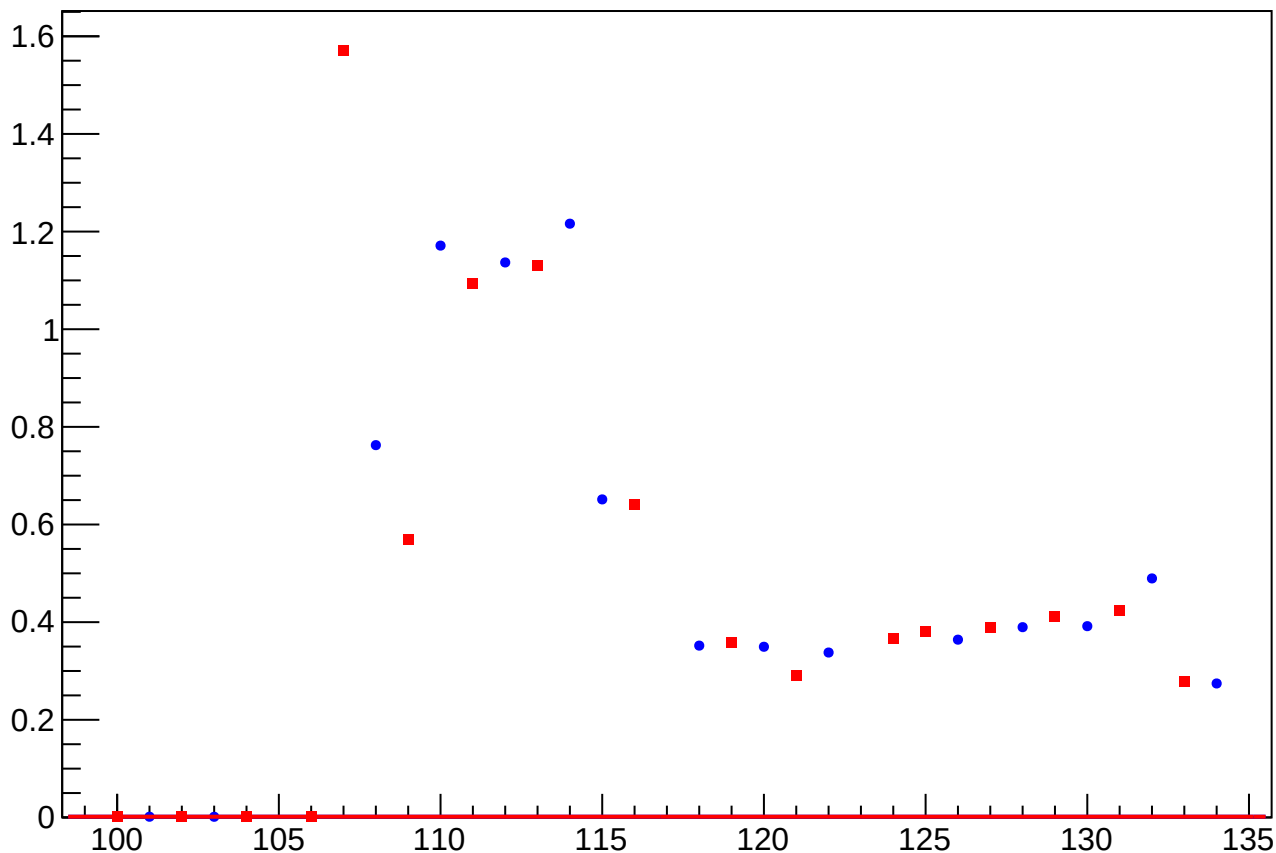
All: 0.001+/-0.000 χ^2/NDF : 15961302.4/31

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.666 $\pm$ 0.000 χ^2 /NDF: 242008209227.8/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 44.788 $\pm$ 0.000 χ^2 /NDF: 366030934984450.7/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 52.691 $\pm$ 0.000 χ^2 /NDF: 41738620077439.8

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 9388882.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 9237915.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

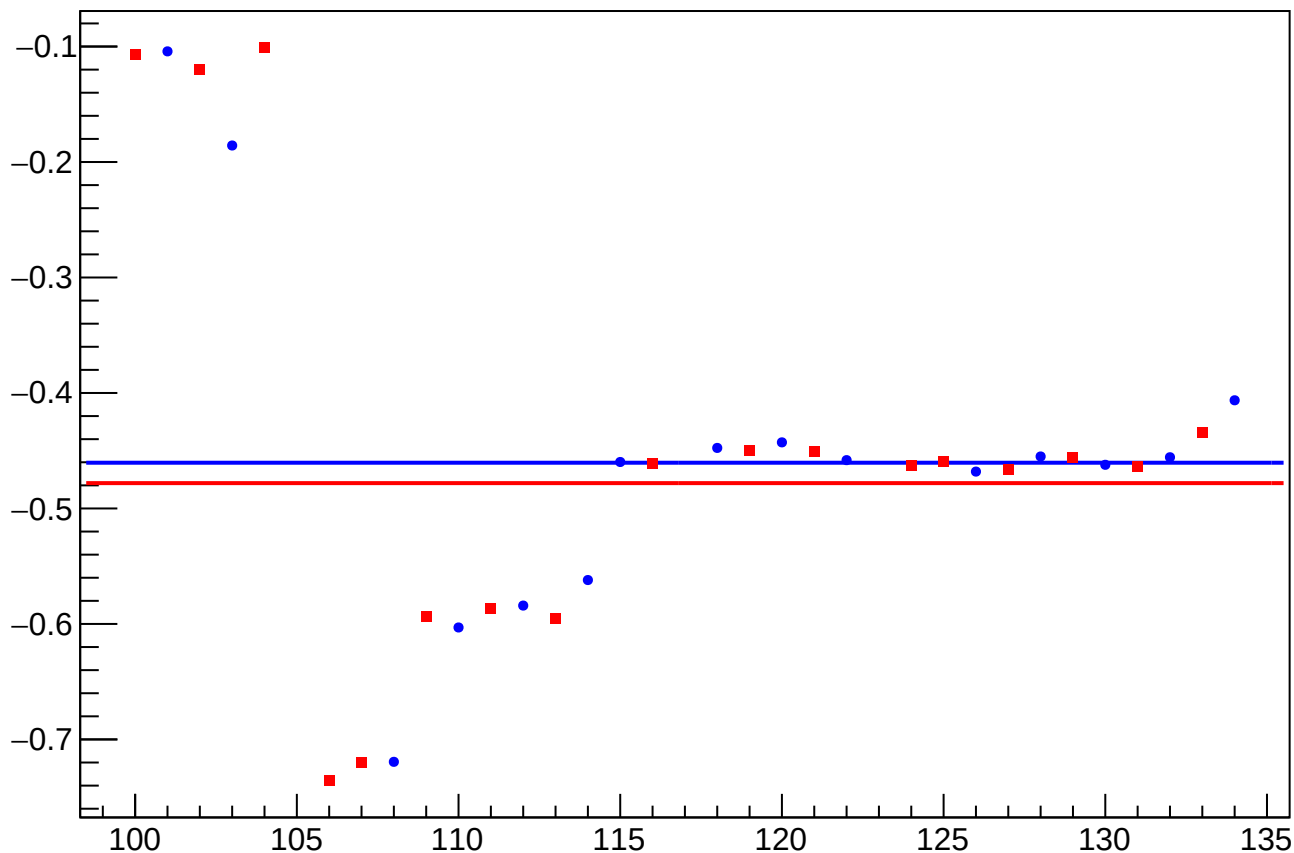
Right: 0.002+/-0.000 χ^2/NDF : 18626973.5/31

In: 0.002+/-0.000 χ^2/NDF :9388882.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 18626973.5/31

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.460+/-0.000 χ^2/NDF : 108744808.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.478+/-0.000 χ^2/NDF : 102355102.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

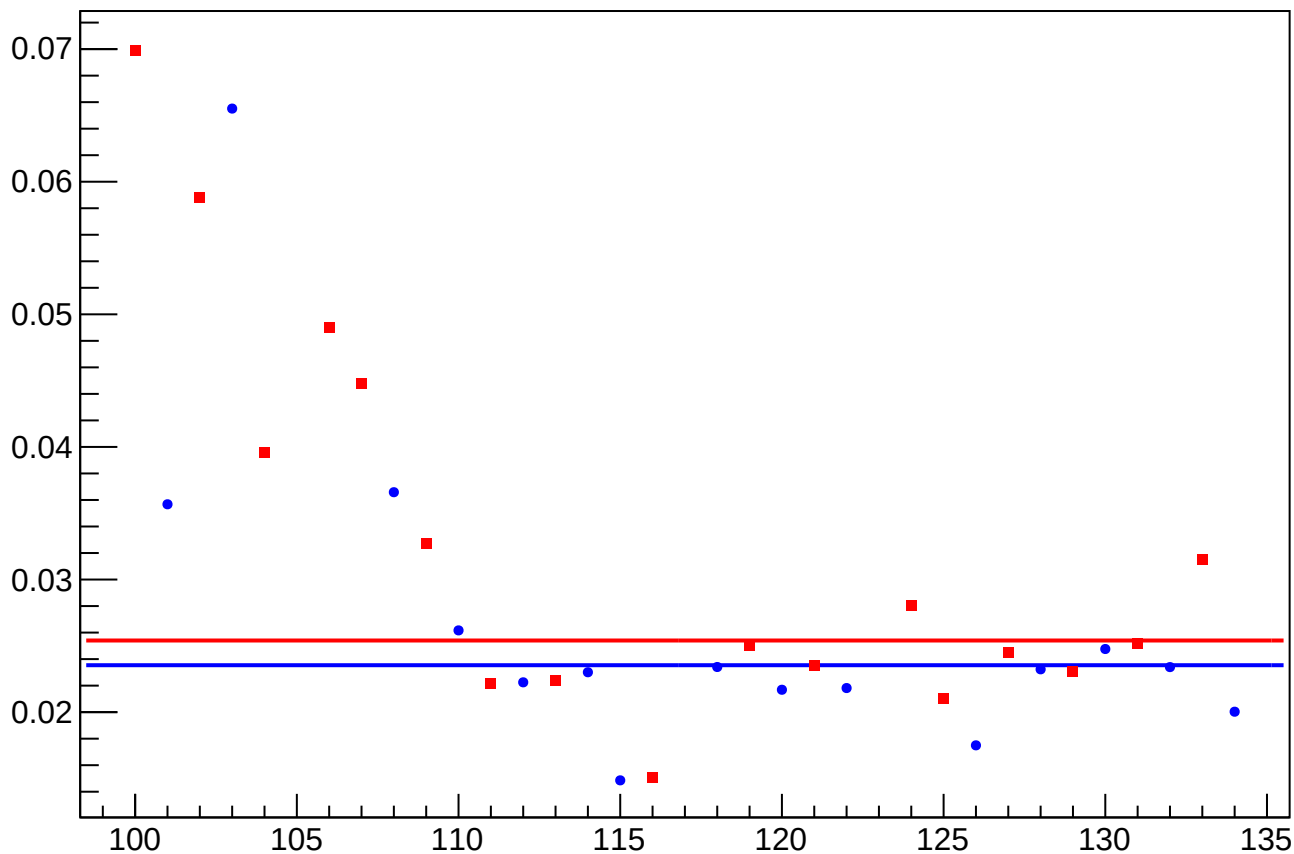
Right: -0.469+/-0.000 χ^2/NDF : 212391985.5/31

In: -0.460+/-0.000 χ^2/NDF :108744808.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.469+/-0.000 χ^2/NDF : 212391985.5/31

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 858619.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1038305.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

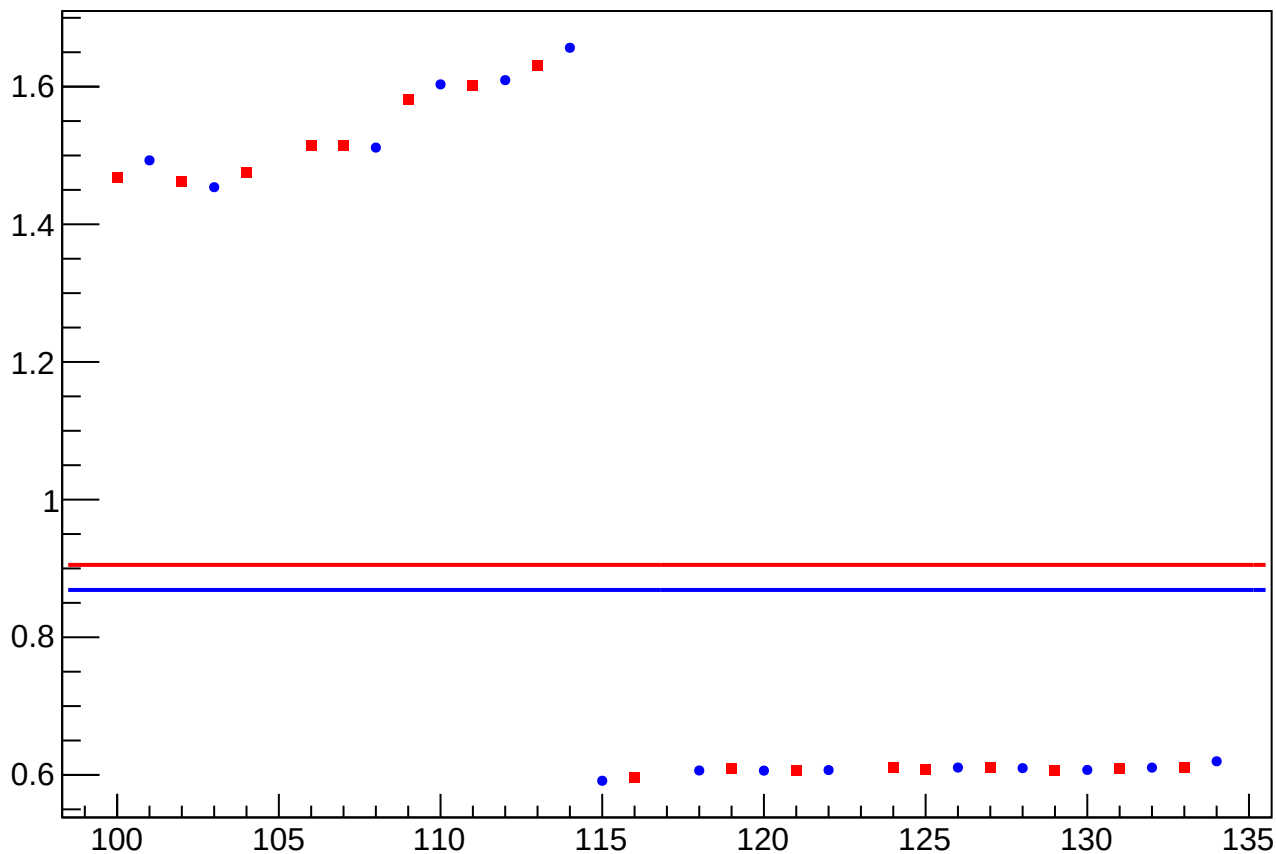
Right: 0.024+/-0.000 χ^2/NDF : 1925679.0/31

In: 0.024+/-0.000 χ^2/NDF : 858619.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1925679.0/31

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.869+/-0.000 χ^2/NDF : 3490764915.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.905+/-0.000 χ^2/NDF : 3978830347.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

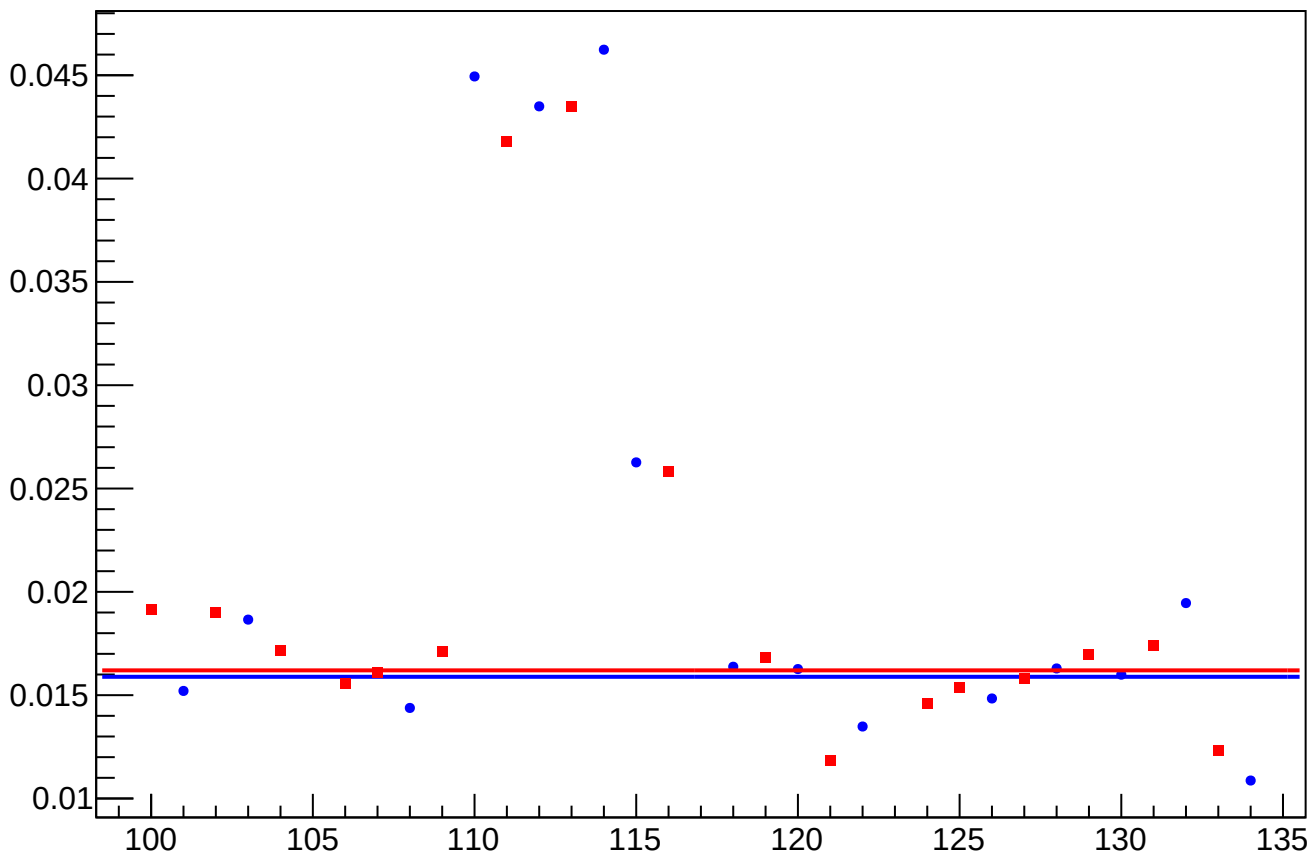
Right: 0.887+/-0.000 χ^2/NDF : 7483997060.3/31

In: 0.869+/-0.000 χ^2/NDF :3490764915.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.887+/-0.000 χ^2/NDF : 7483997060.3/31

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1029668.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 986101.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

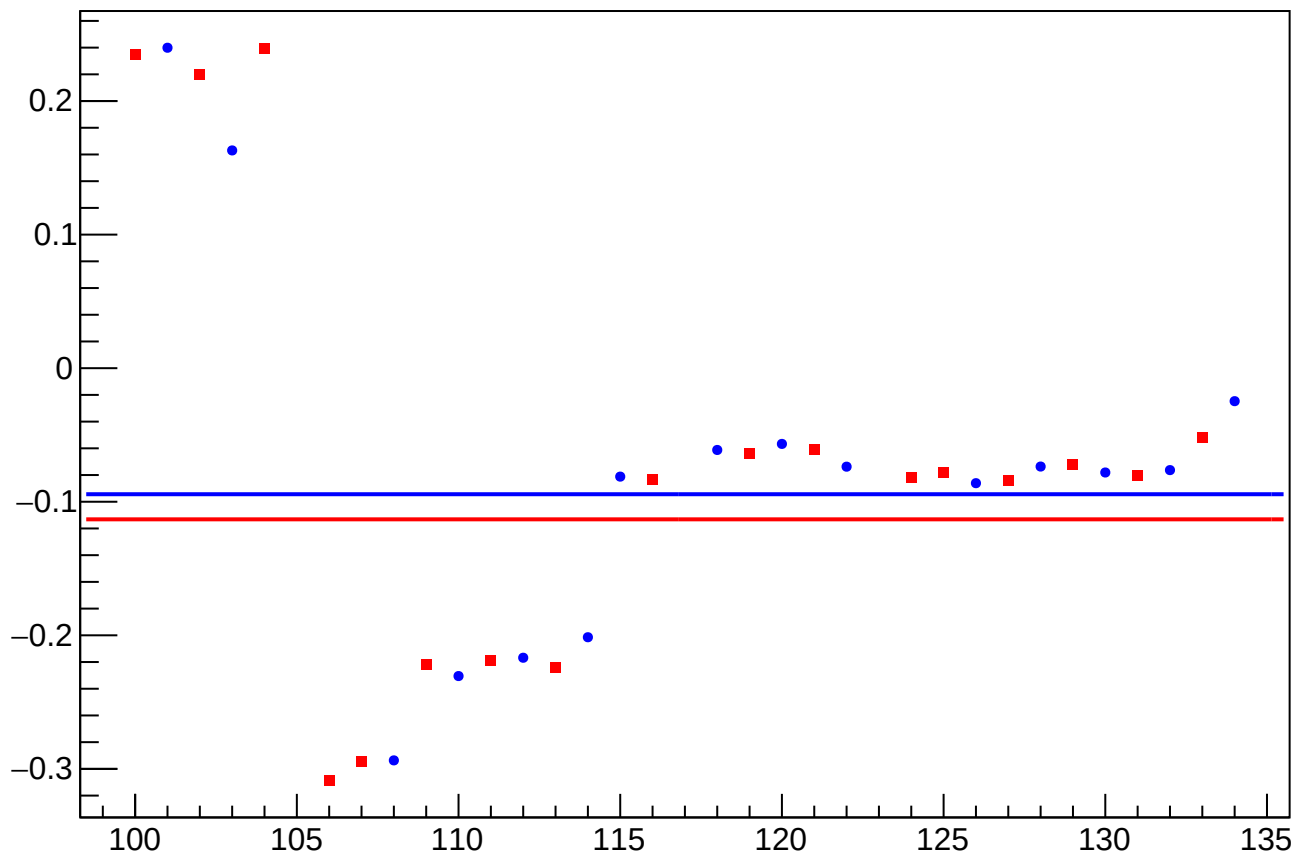
Right: 0.016+/-0.000 χ^2/NDF : 2017880.4/31

In: 0.016+/-0.000 χ^2/NDF :1029668.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2017880.4/31

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.094+/-0.000 χ^2/NDF : 110801357.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.113+/-0.000 χ^2/NDF : 110655827.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

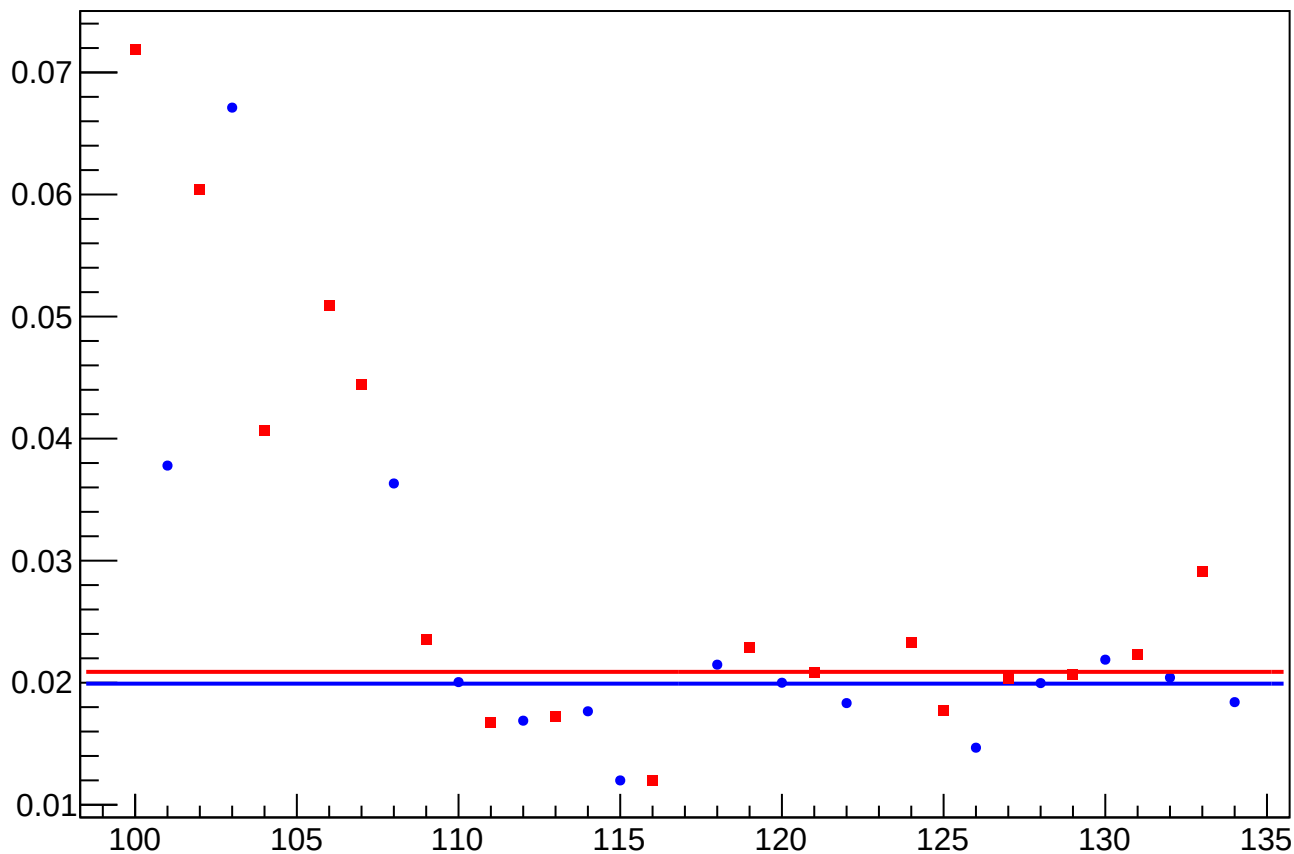
Right: -0.104+/-0.000 χ^2/NDF : 223492288.2/31

In: -0.094+/-0.000 χ^2/NDF :110801357.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.104+/-0.000 χ^2/NDF : 223492288.2/31

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1167581.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1432123.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

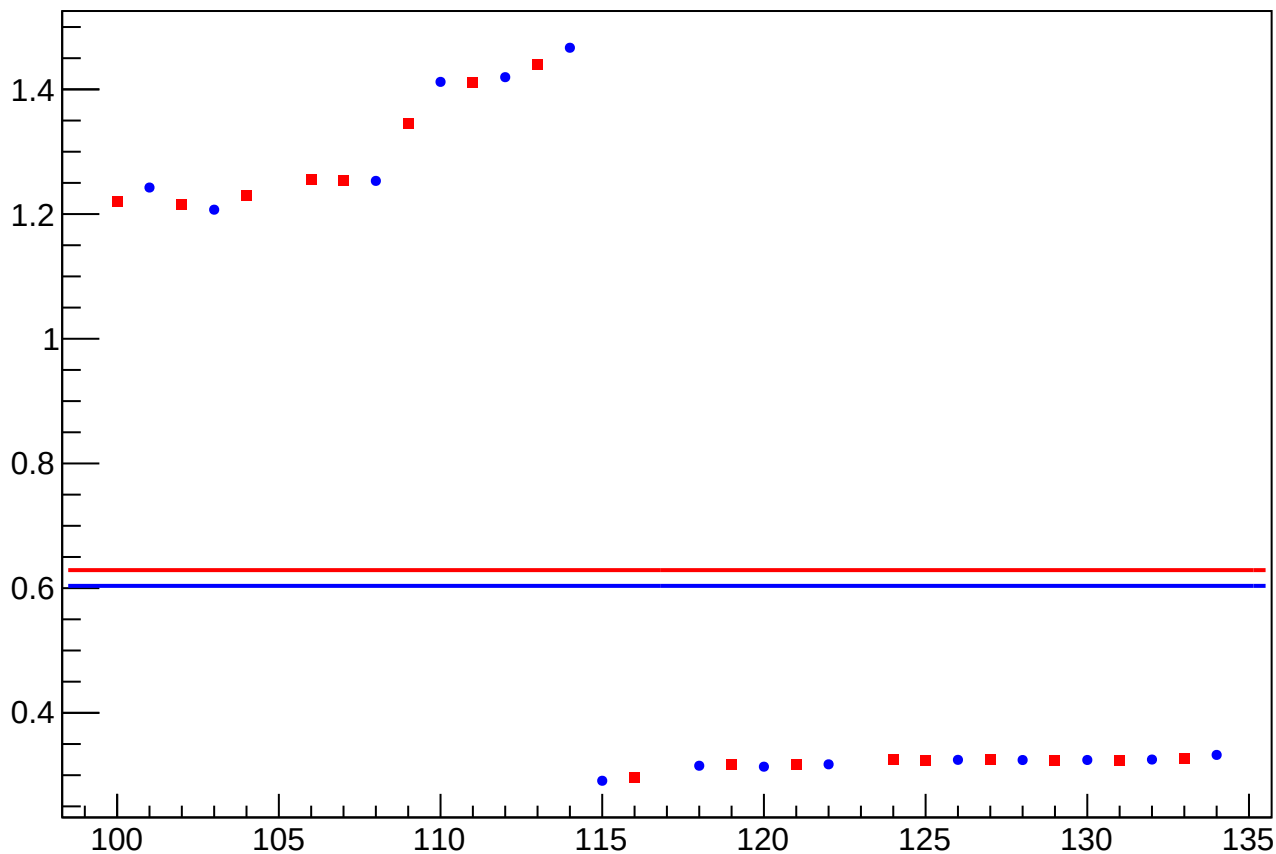
Right: 0.020+/-0.000 χ^2/NDF : 2610456.3/31

In: 0.020+/-0.000 χ^2/NDF : 1167581.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2610456.3/31

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.604+/-0.000 χ^2/NDF : 5517666578.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.629+/-0.000 χ^2/NDF : 6002906563.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

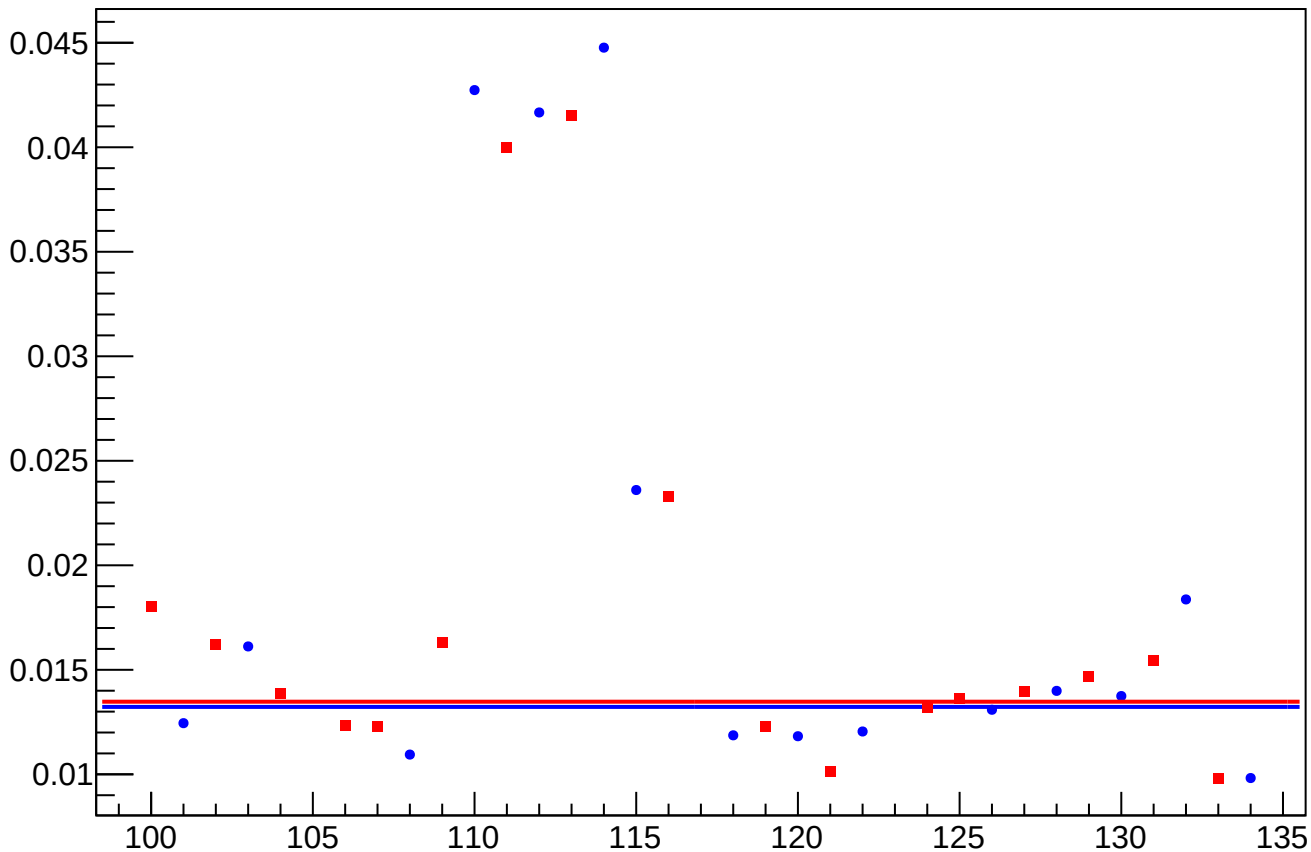
Right: 0.616+/-0.000 χ^2/NDF : 11530314421.1/31

In: 0.604+/-0.000 χ^2/NDF : 5517666578.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.616+/-0.000 χ^2/NDF : 11530314421.1/31

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 1150836.0/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000

χ^2/NDF : 1171669.4/16

Left 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 : 2324402.2/31

In: 0.013+/-0.000

χ^2/NDF : 1150836.0/14

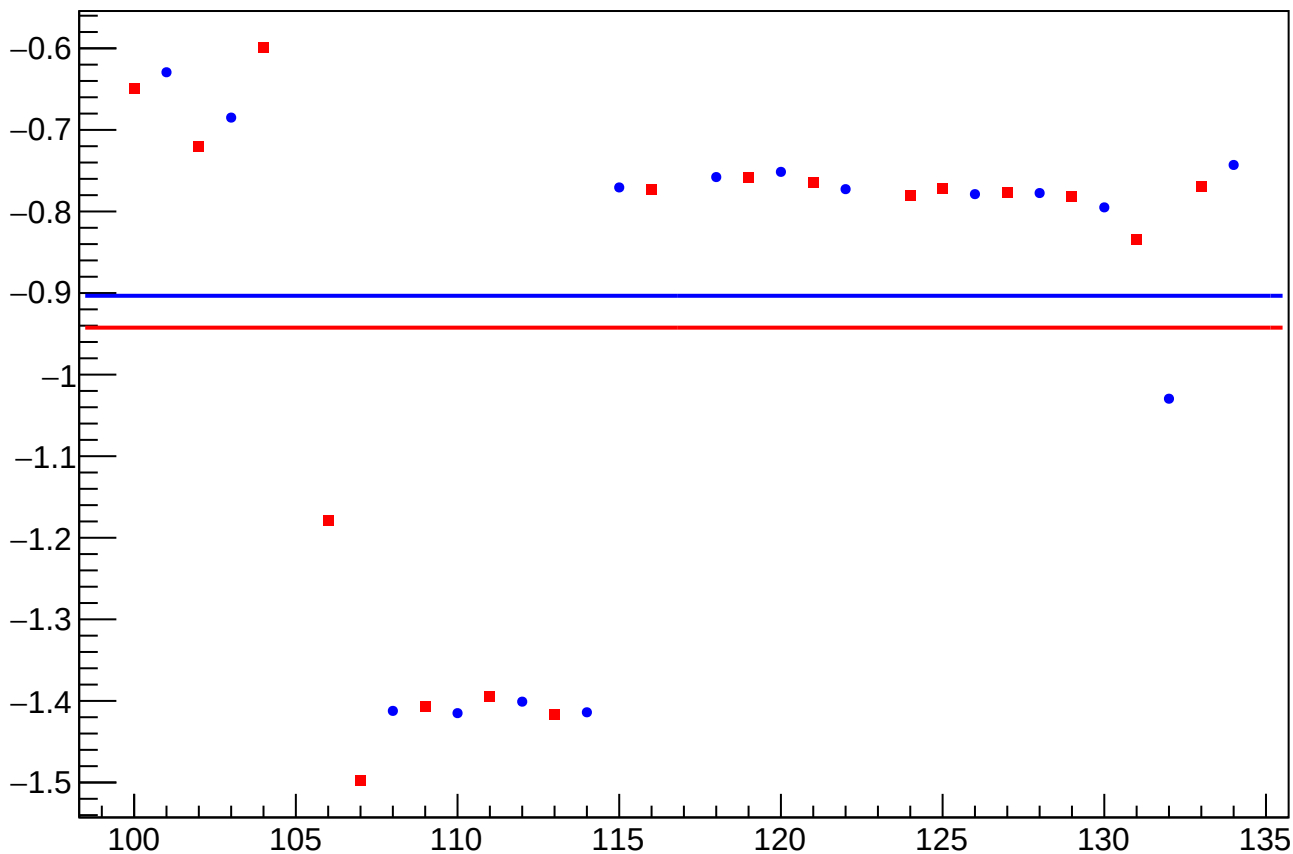
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.013+/-0.000

χ^2/NDF : 2324402.2/31

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.903 ± 0.000 χ^2/NDF : 614552632.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.942 ± 0.000 χ^2/NDF : 682684853.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

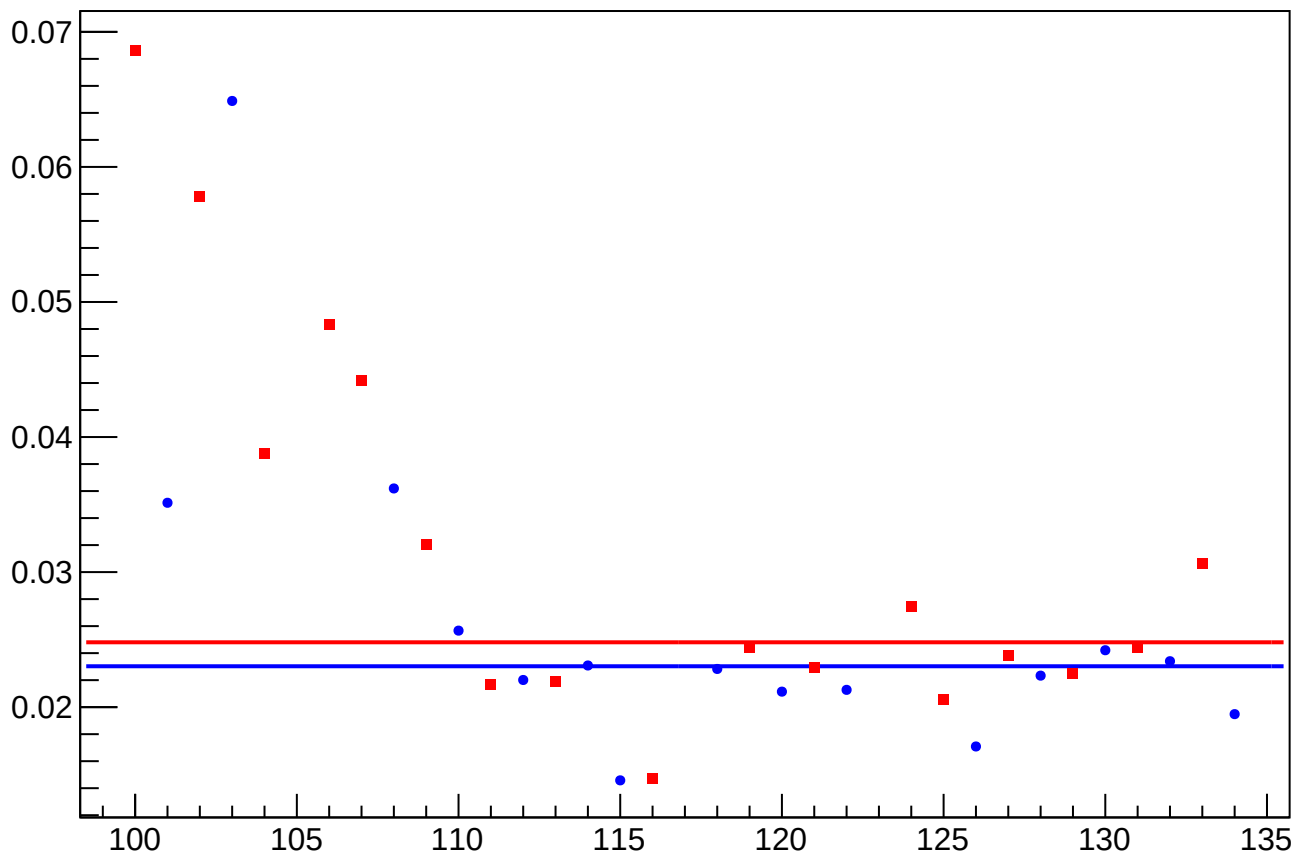
Right: -0.922 ± 0.000 χ^2/NDF : 1303831097.1/31

In: -0.903 ± 0.000 χ^2/NDF : 614552632.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.922 ± 0.000 χ^2/NDF : 1303831097.1/31

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 871093.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1046226.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

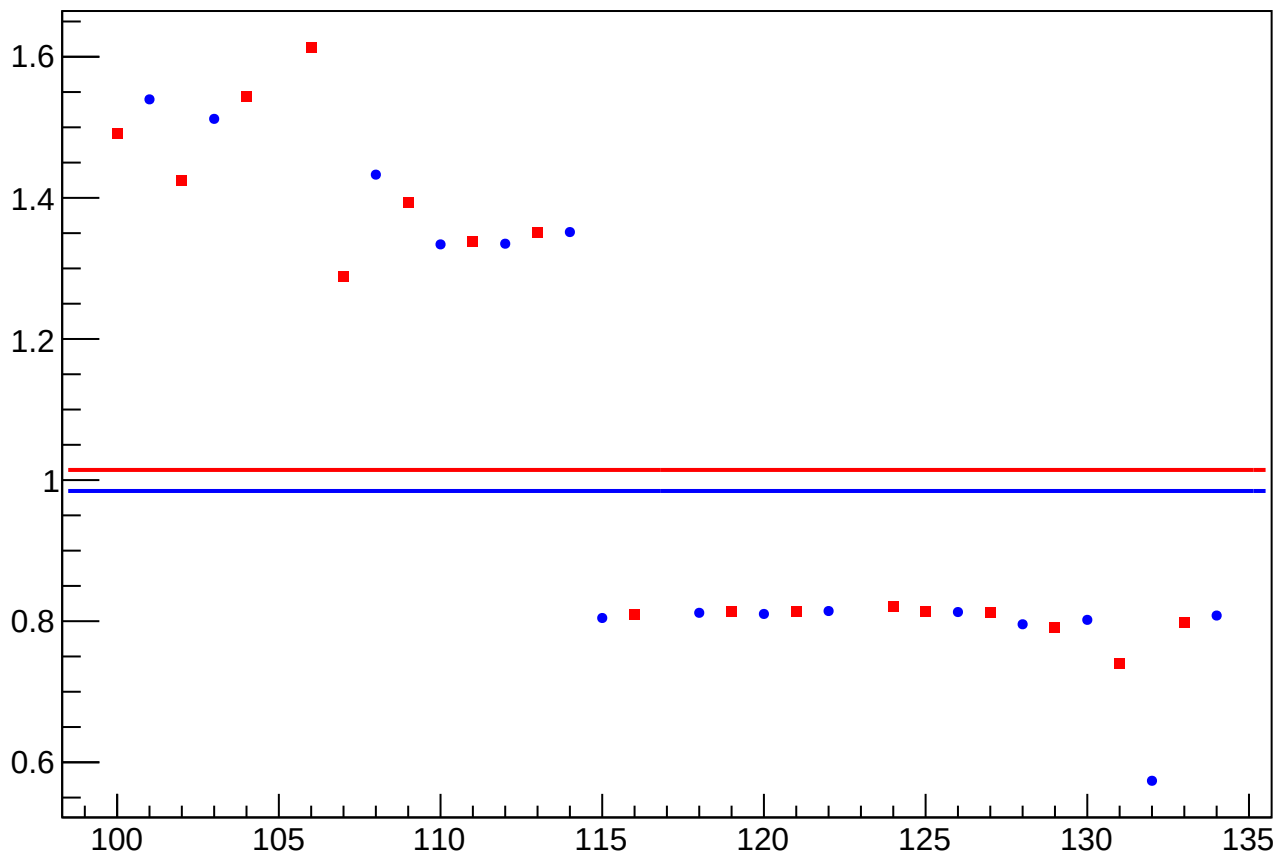
Right: 0.024+/-0.000 χ^2/NDF : 1944538.7/31

In: 0.023+/-0.000 χ^2/NDF : 871093.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1944538.7/31

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.985+/-0.000

χ^2/NDF : 2107897333.7/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 1.014+/-0.000

χ^2/NDF : 2111093906.6/16

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 : 4228412655.6/31

In: 0.985+/-0.000

χ^2/NDF :2107897333.7/14

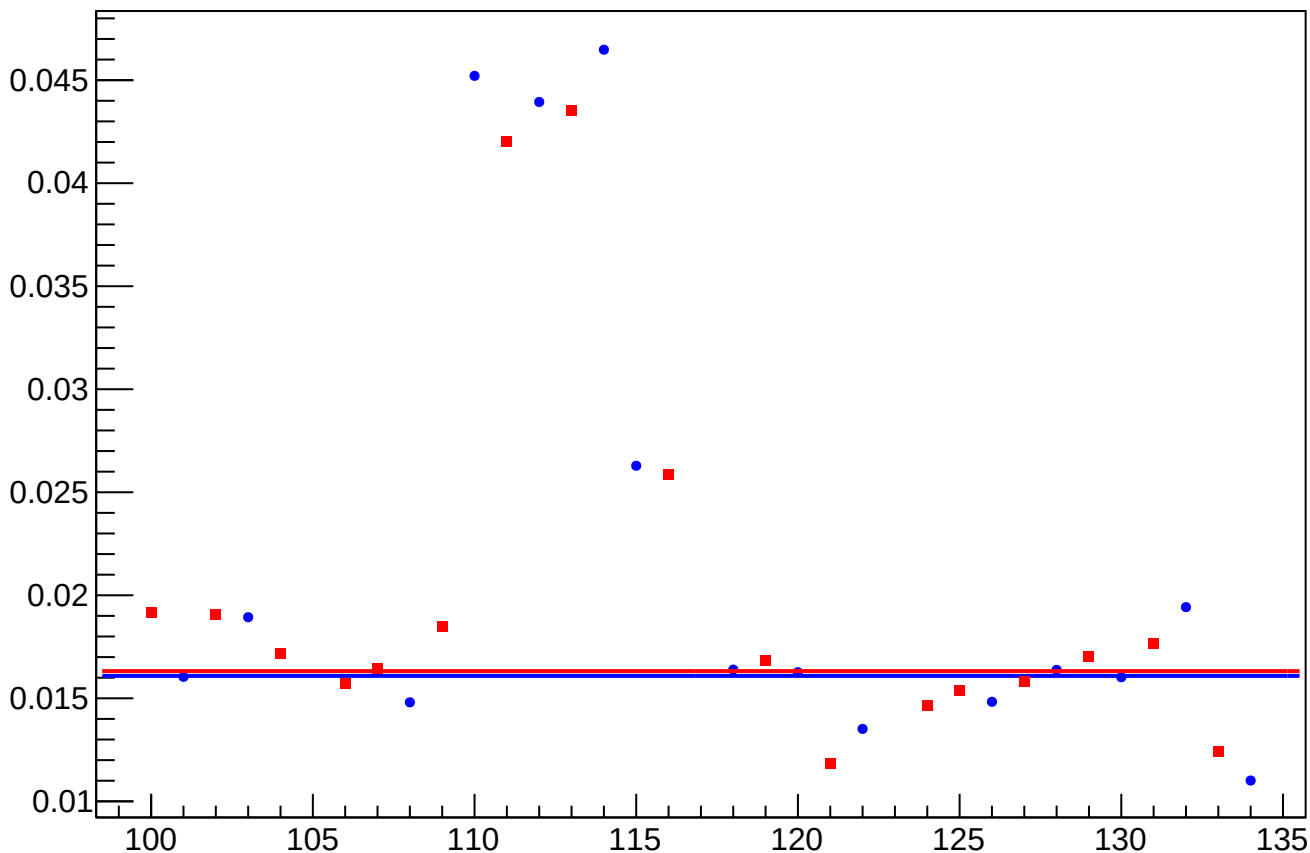
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 1.000+/-0.000

χ^2/NDF : 4228412655.6/31

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1020323.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 994202.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

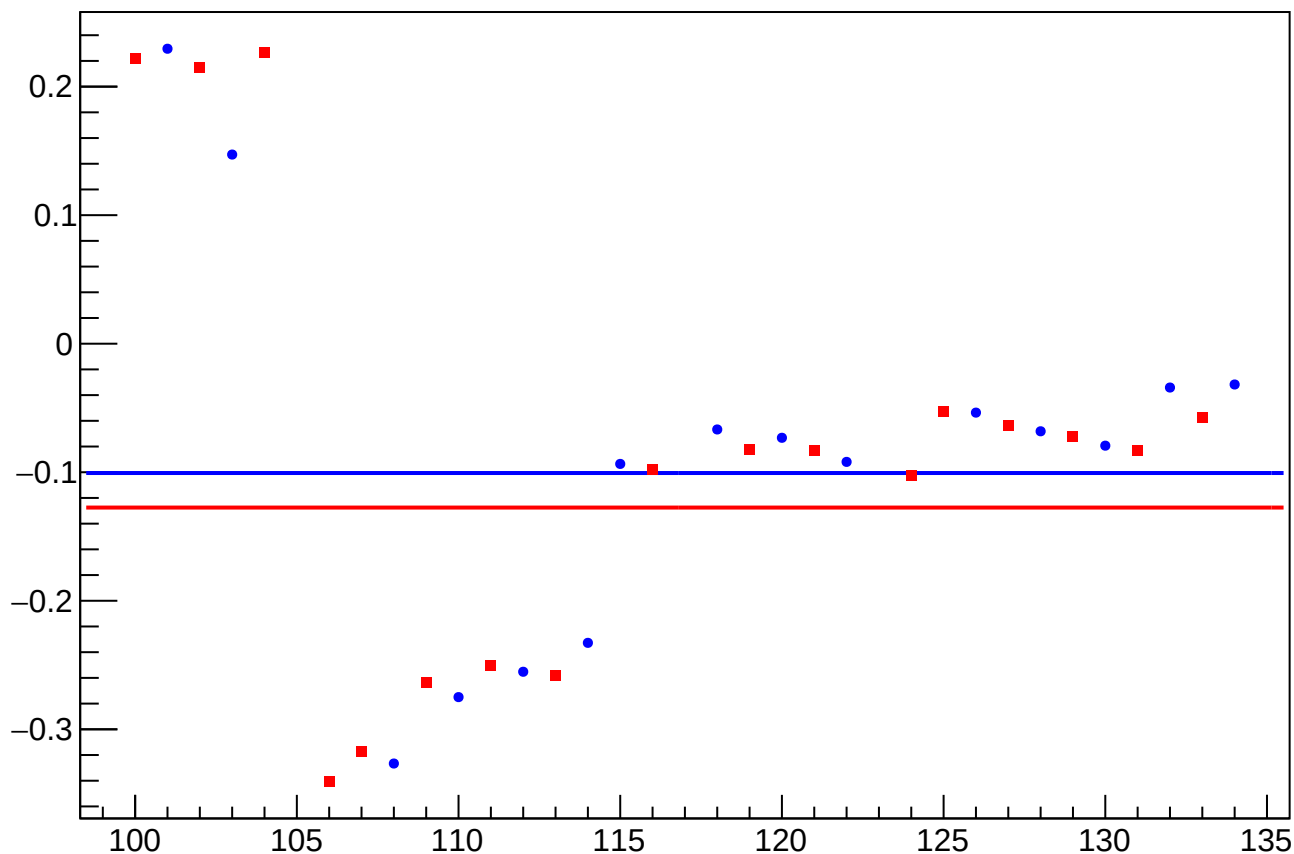
Right: 0.016+/-0.000 χ^2/NDF : 2015671.5/31

In: 0.016+/-0.000 χ^2/NDF :1020323.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2015671.5/31

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.101+/-0.000 χ^2/NDF : 139359823.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.127+/-0.000 χ^2/NDF : 134292623.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

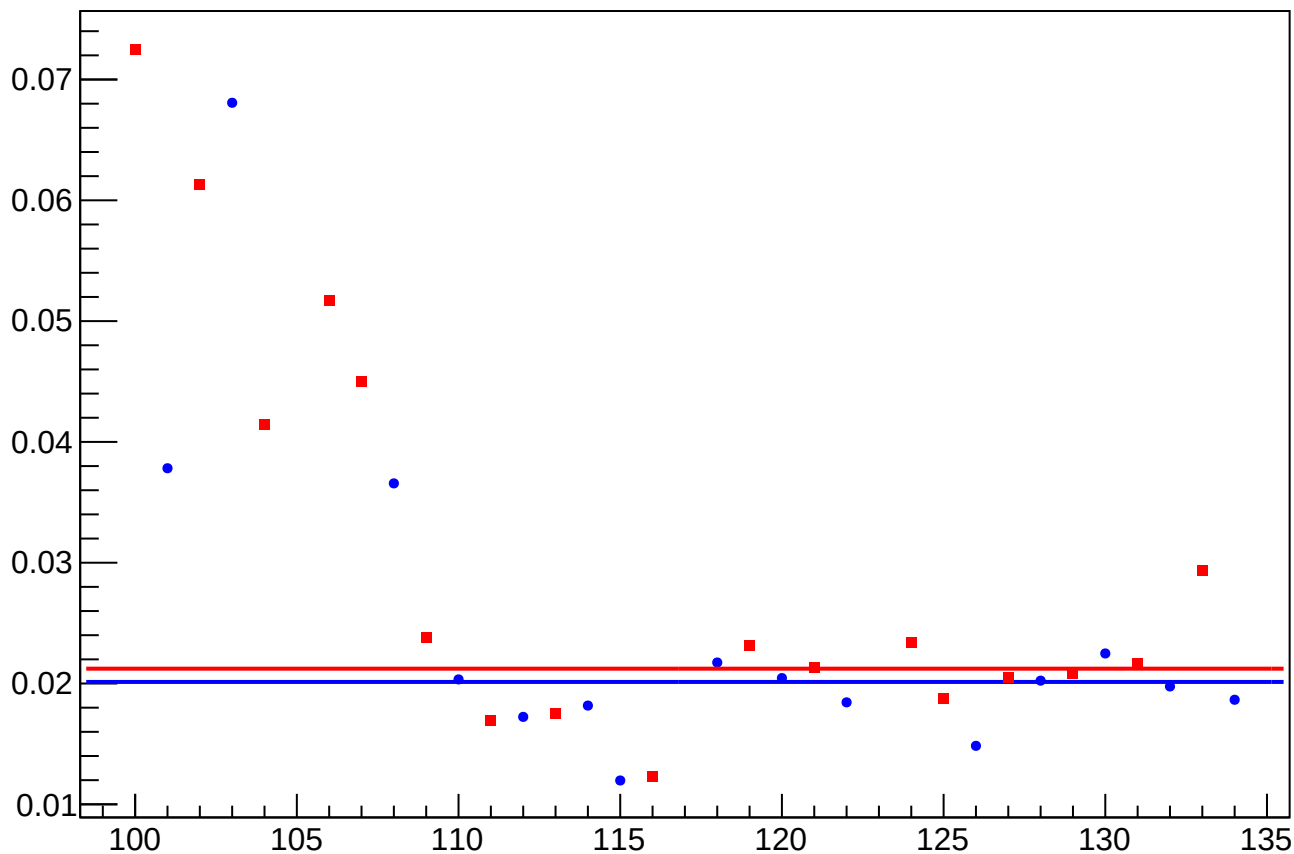
Right: -0.114+/-0.000 χ^2/NDF : 277709146.5/31

In: -0.101+/-0.000 χ^2/NDF :139359823.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.114+/-0.000 χ^2/NDF : 277709146.5/31

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1161838.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1411760.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

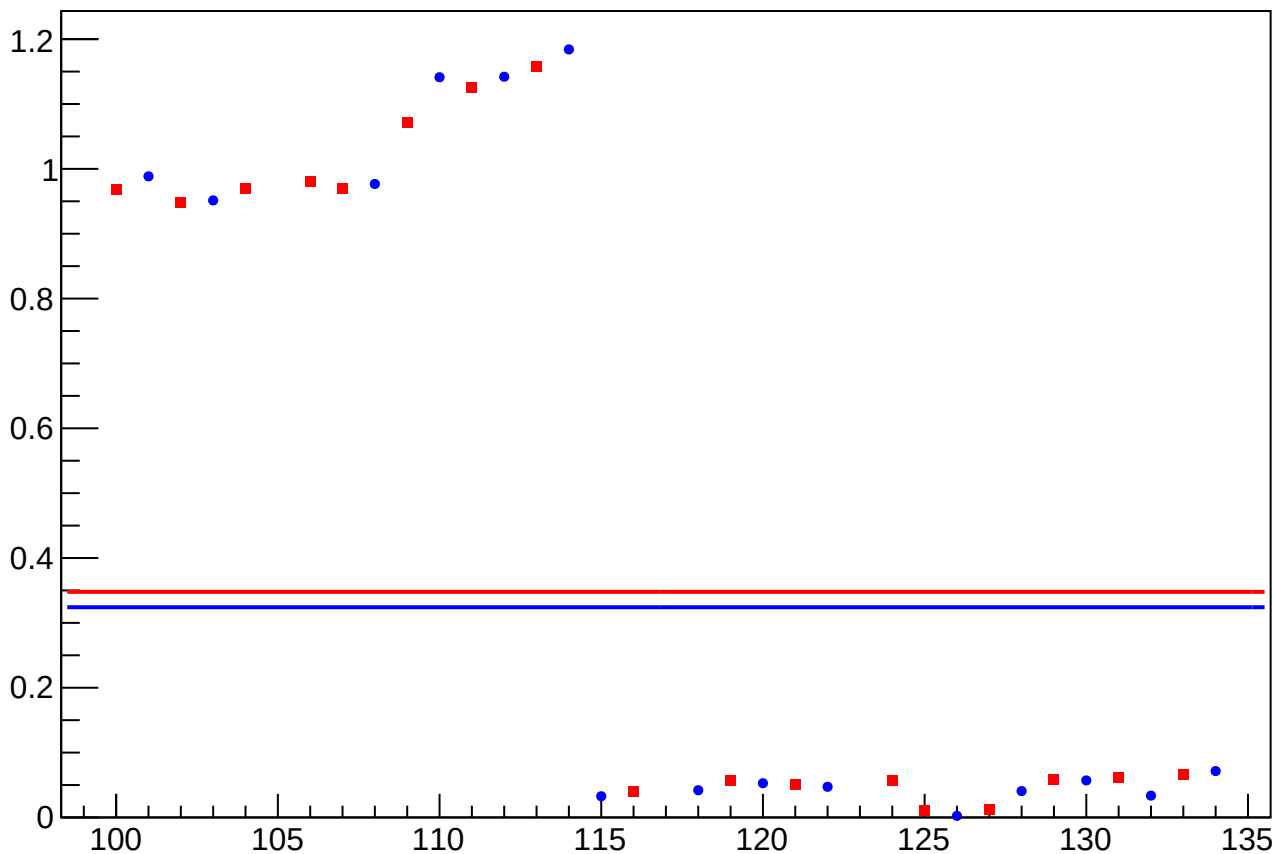
Right: 0.021+/-0.000 χ^2/NDF : 2587147.0/31

In: 0.020+/-0.000 χ^2/NDF :1161838.0/14

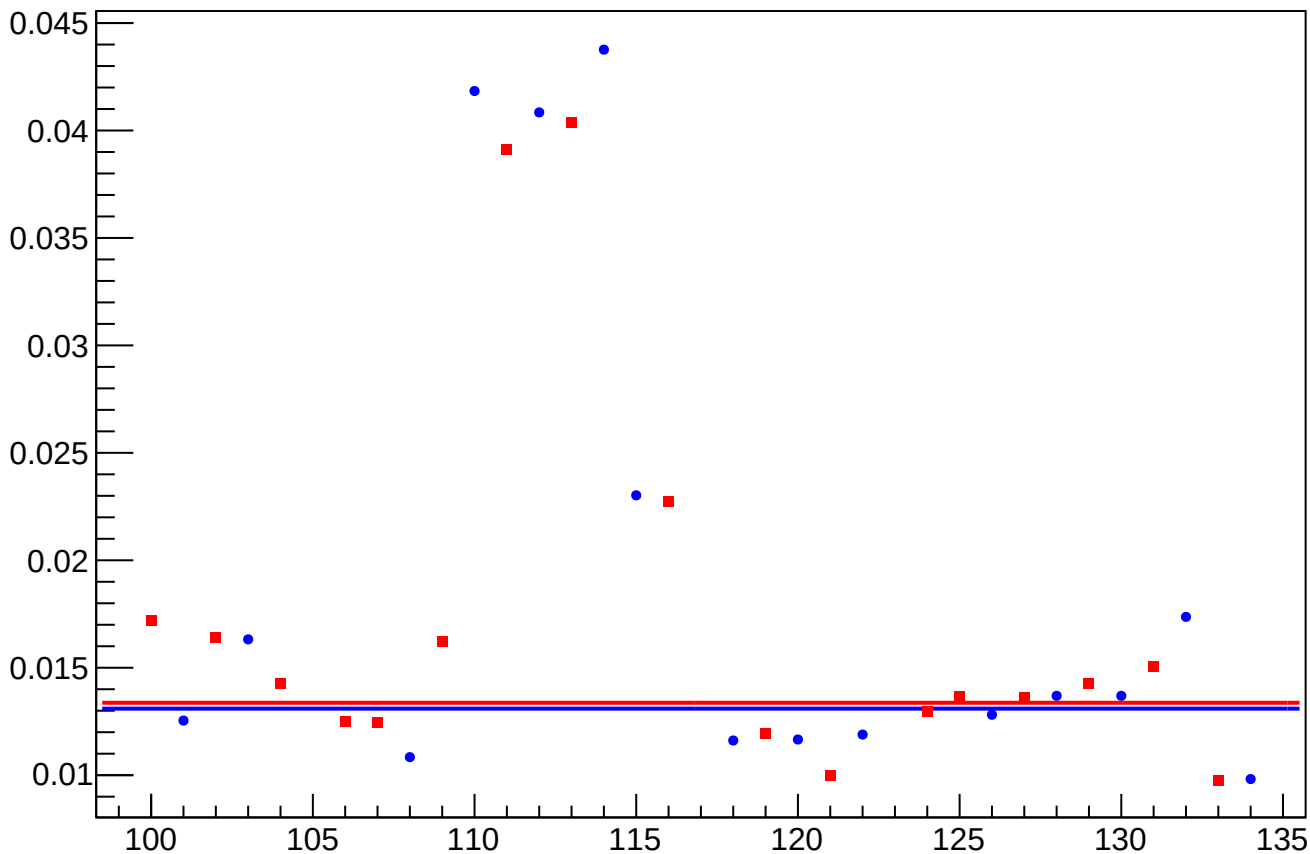
Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2587147.0/31

yield_bpm4ecY_mean vs Slug, Sign Corrected



yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1131142.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1158655.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

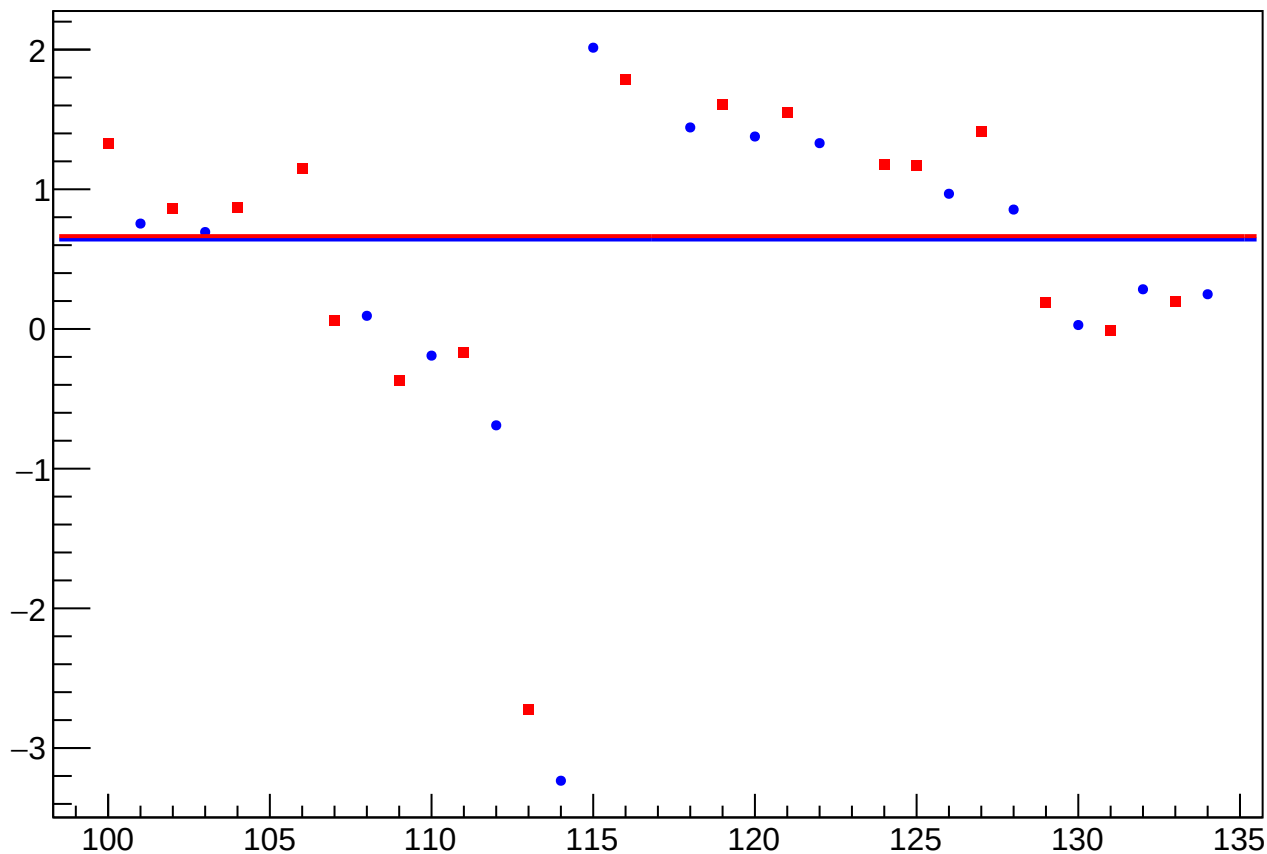
Right: 0.013+/-0.000 χ^2/NDF : 2292142.8/31

In: 0.013+/-0.000 χ^2/NDF :1131142.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2292142.8/31

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.641+/-0.000 χ^2/NDF : 424127269.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.665+/-0.000 χ^2/NDF : 1119812784.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

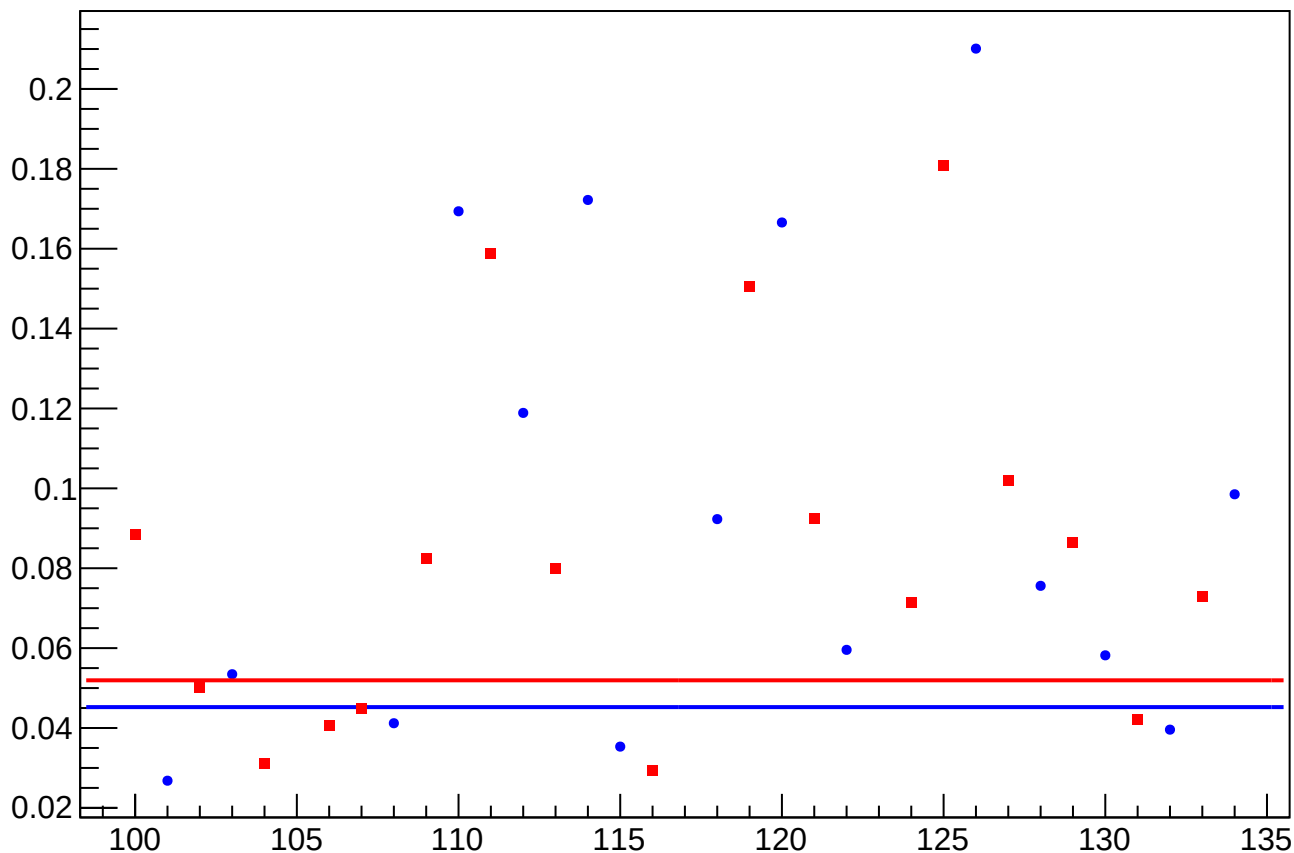
Right: 0.652+/-0.000 χ^2/NDF : 1544398795.4/31

In: 0.641+/-0.000 χ^2/NDF :424127269.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.652+/-0.000 χ^2/NDF : 1544398795.4/31

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2748600.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 2353786.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

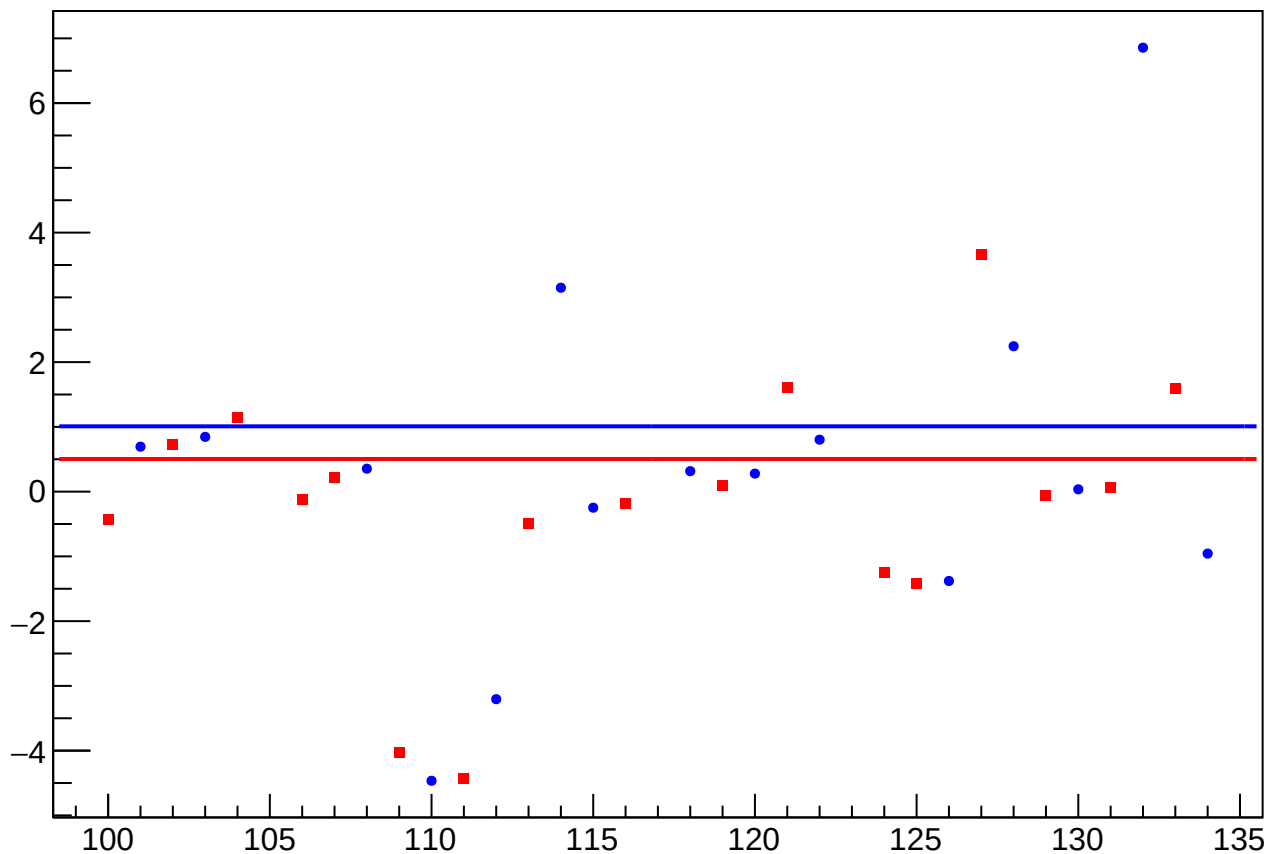
Right: 0.048+/-0.000 χ^2/NDF : 5173385.9/31

In: 0.045+/-0.000 χ^2/NDF :2748600.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.048+/-0.000 χ^2/NDF : 5173385.9/31

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 1.009+/-0.000 χ^2/NDF : 10453010015.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.504+/-0.000 χ^2/NDF : 4584991014.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

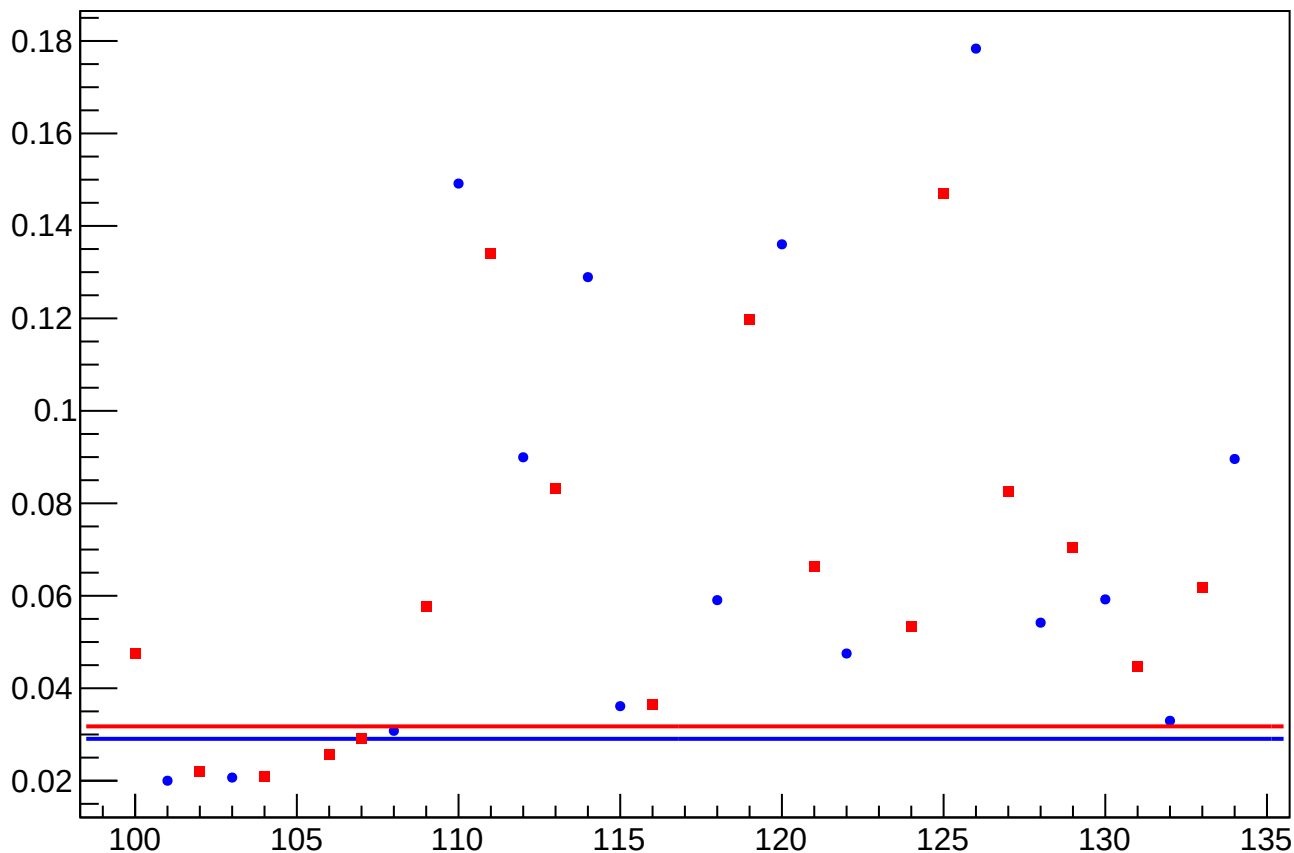
Right: 0.763+/-0.000 χ^2/NDF : 15521447285.6/31

In: 1.009+/-0.000 χ^2/NDF : 10453010015.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.763+/-0.000 χ^2/NDF : 15521447285.6/31

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 3180119.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.032+/-0.000 χ^2/NDF : 3233243.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

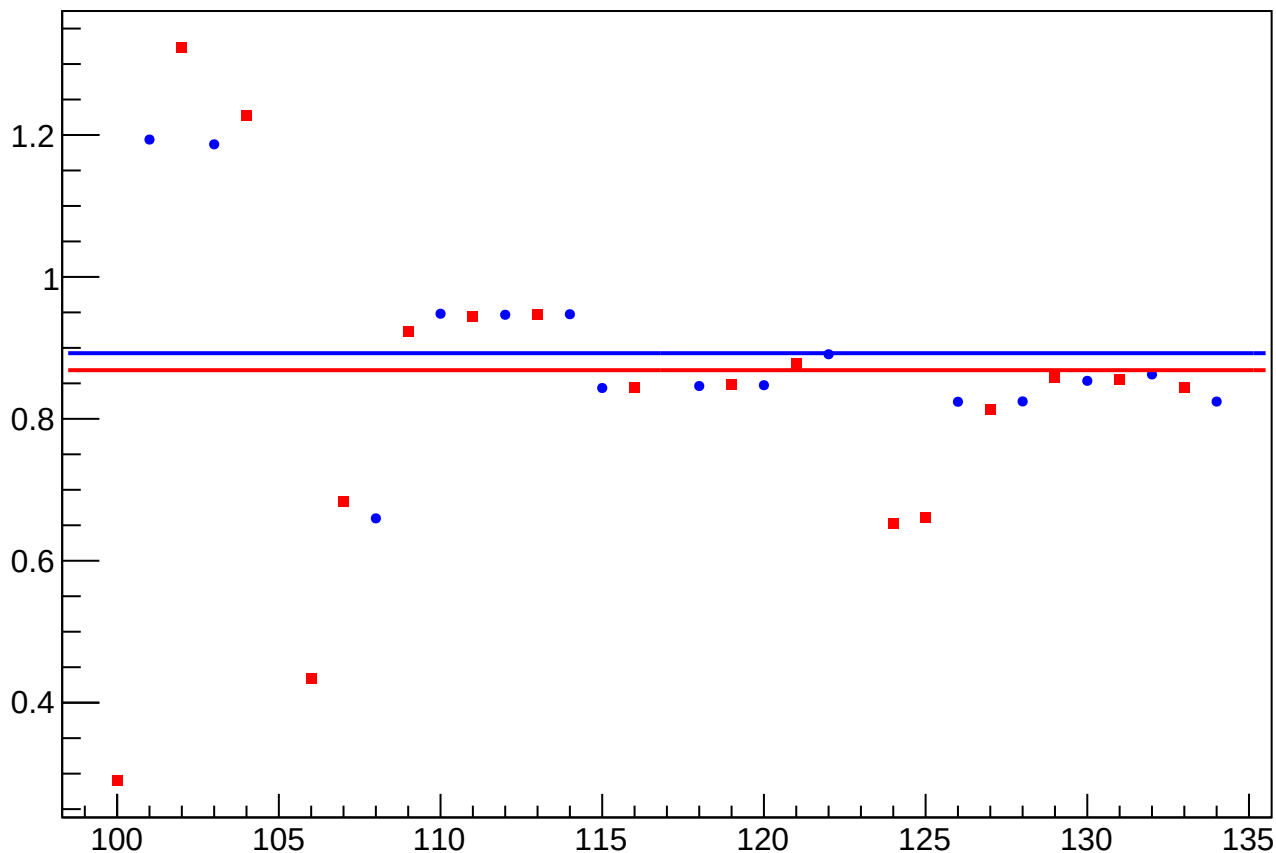
Right: 0.030+/-0.000 χ^2/NDF : 6440868.0/31

In: 0.029+/-0.000 χ^2/NDF :3180119.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.000 χ^2/NDF : 6440868.0/31

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.893+/-0.000 χ^2/NDF : 352837150.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.000 χ^2/NDF : 603998687.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

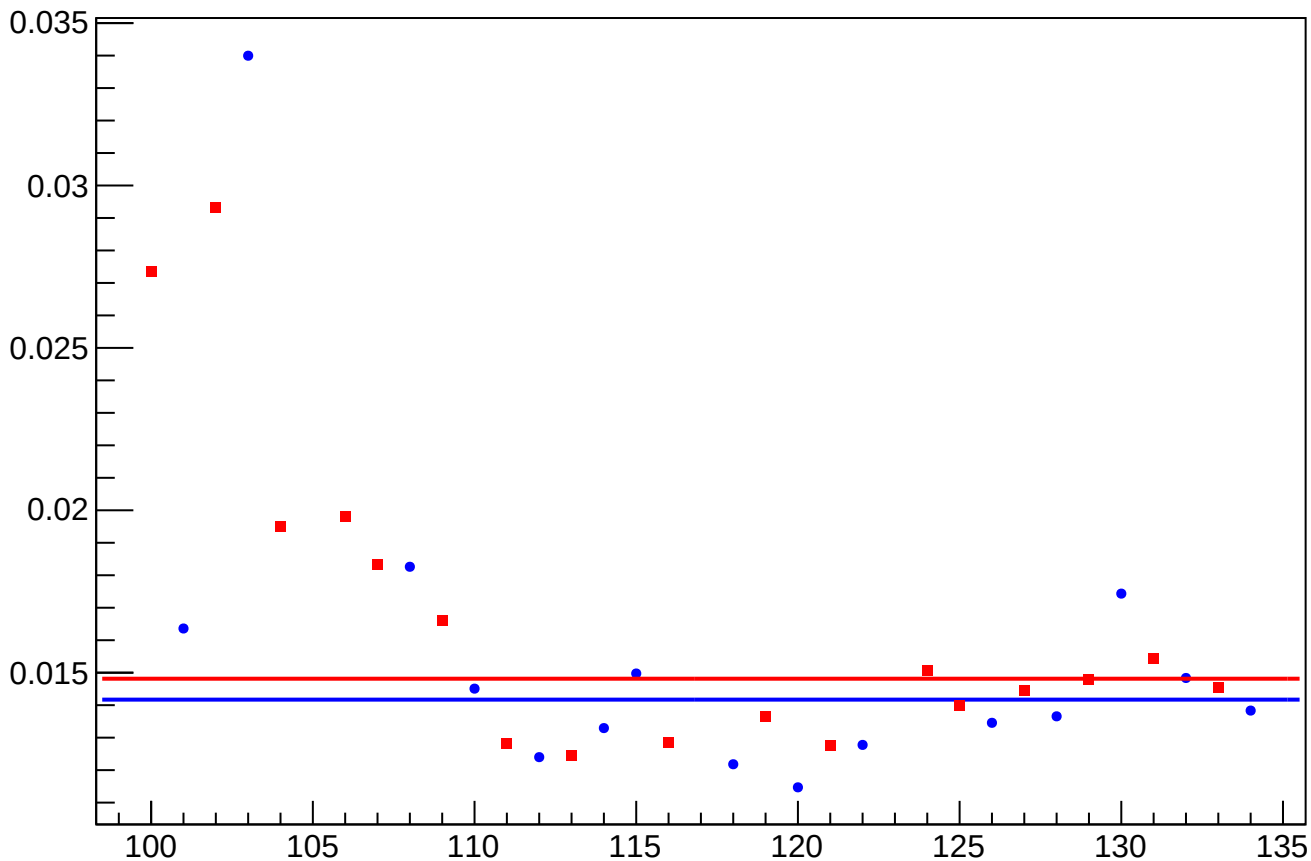
Right: 0.881+/-0.000 χ^2/NDF : 964478212.5/31

In: 0.893+/-0.000 χ^2/NDF : 352837150.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.881+/-0.000 χ^2/NDF : 964478212.5/31

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 568023.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 503957.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

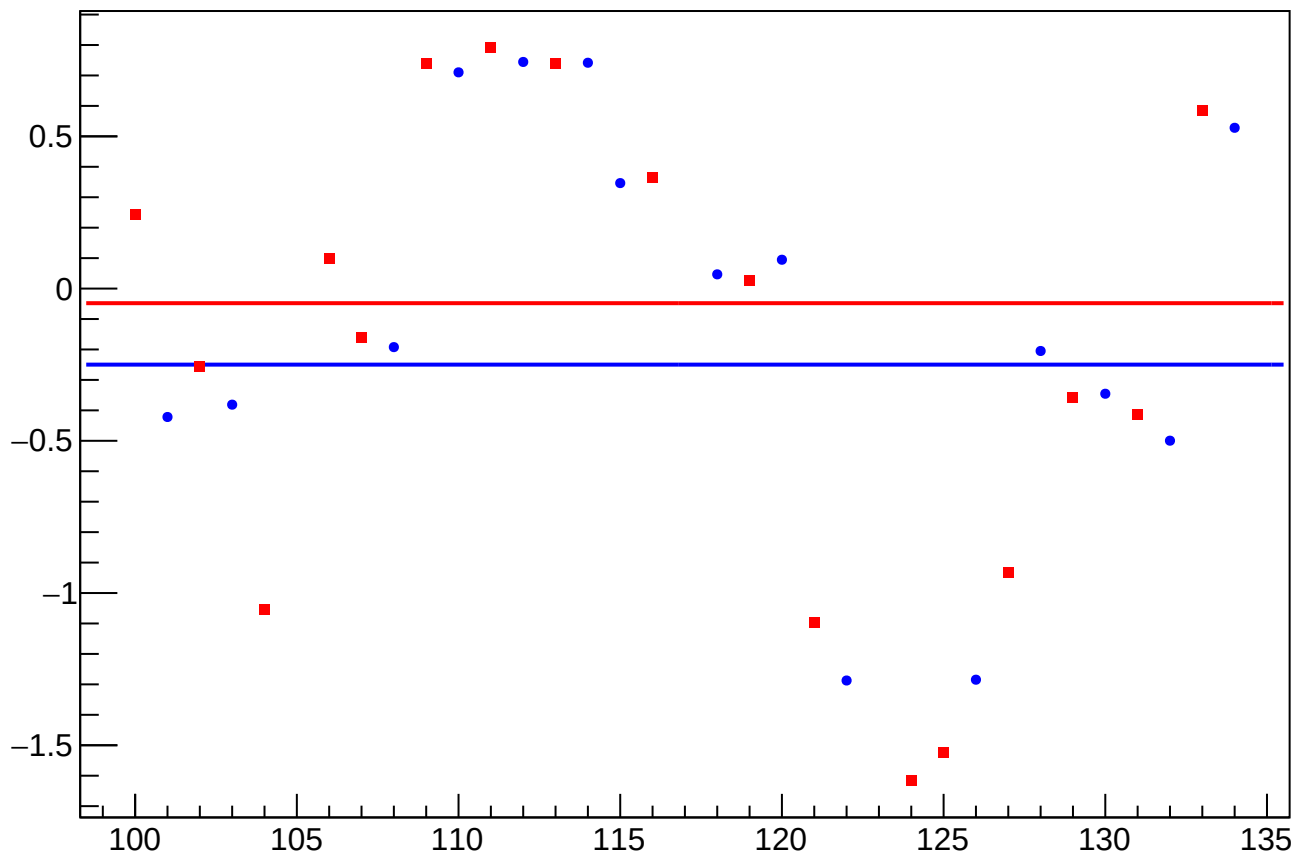
Right: 0.014+/-0.000 χ^2/NDF : 1083048.0/31

In: 0.014+/-0.000 χ^2/NDF : 568023.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1083048.0/31

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.250+/-0.000 χ^2/NDF : 6454812531.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.048+/-0.000 χ^2/NDF : 15129031994.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

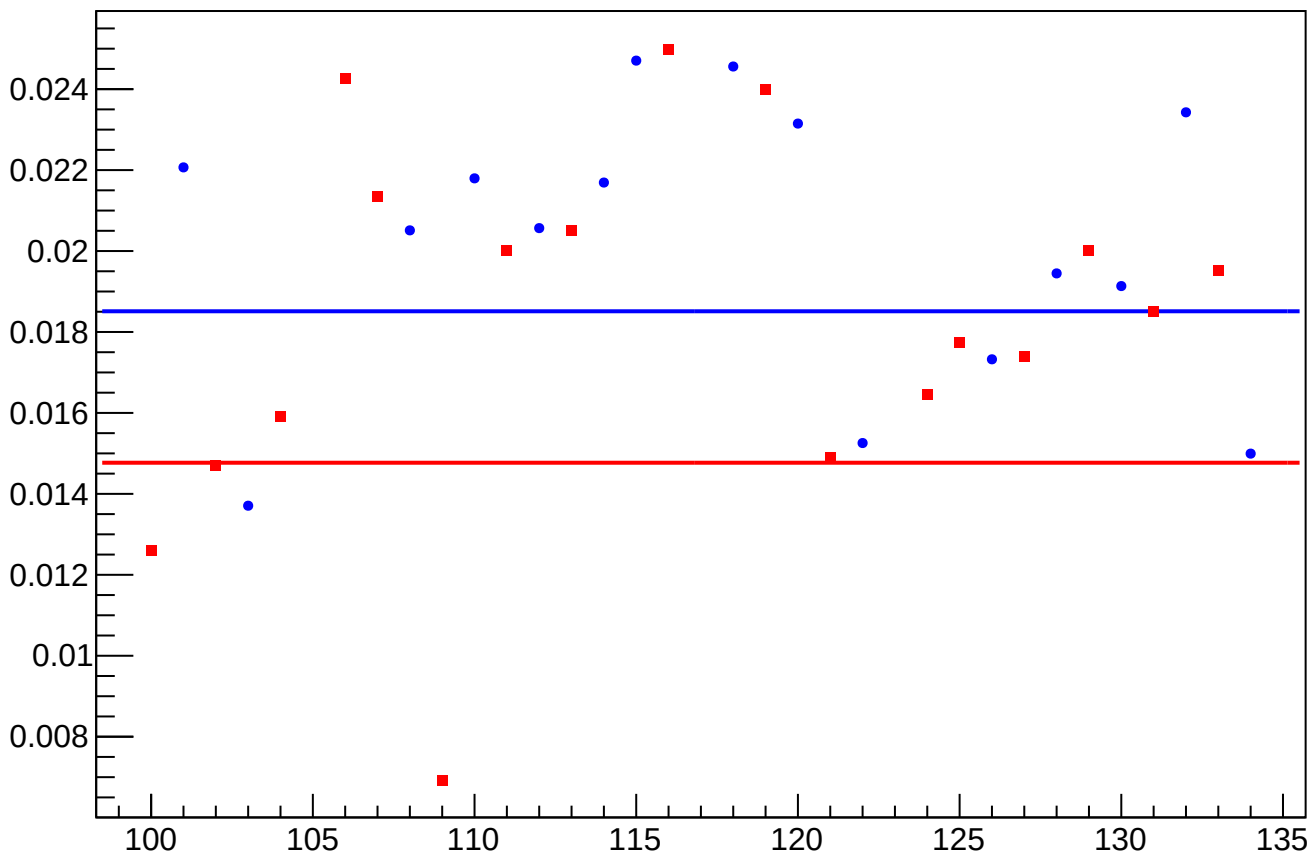
Right: -0.129+/-0.000 χ^2/NDF : 21980911588.6/31

In: -0.250+/-0.000 χ^2/NDF :6454812531.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.129+/-0.000 χ^2/NDF : 21980911588.6/31

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 421395.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1548470.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

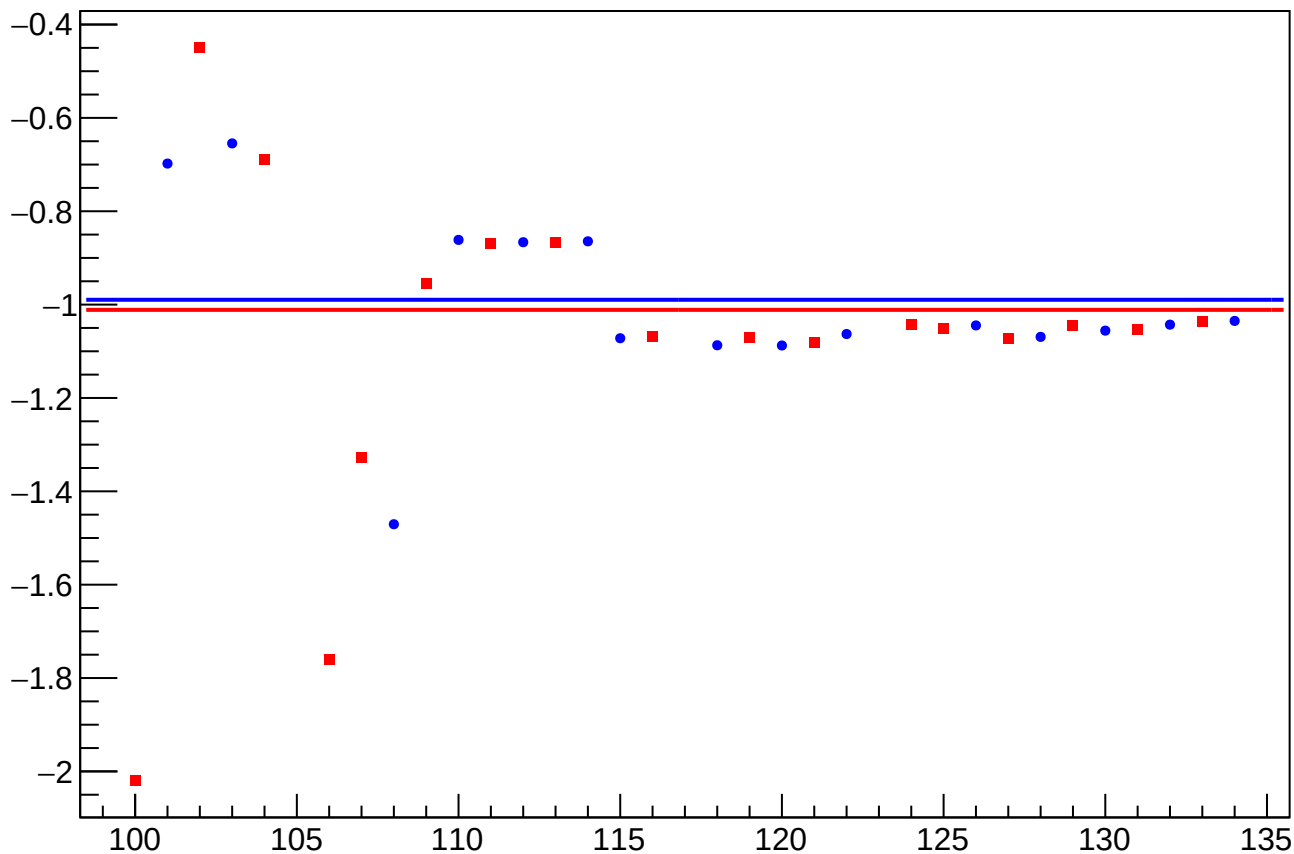
Right: 0.016+/-0.000 χ^2/NDF : 2242933.3/31

In: 0.019+/-0.000 χ^2/NDF : 421395.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2242933.3/31

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.990+/-0.000 χ^2/NDF : 136609331.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.011+/-0.000 χ^2/NDF : 239615382.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

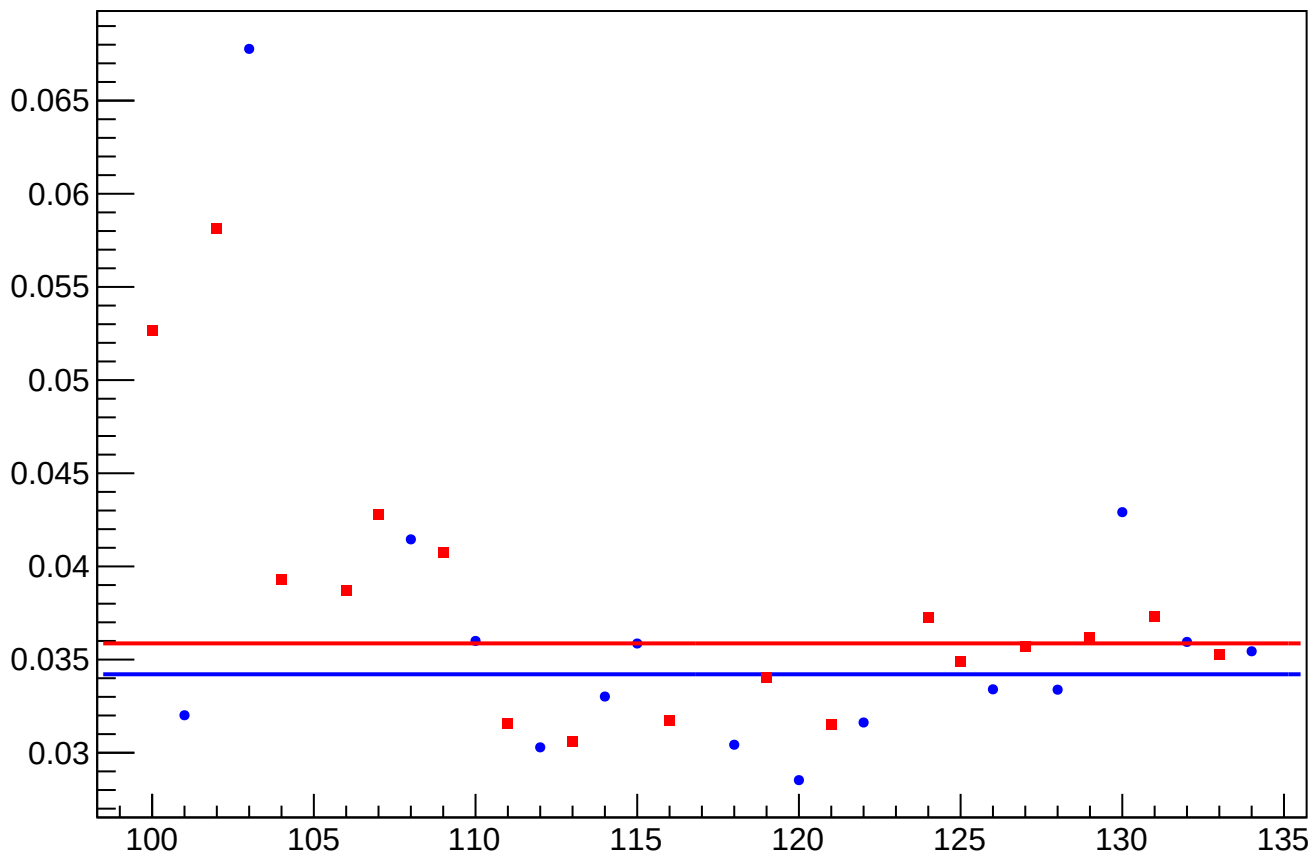
Right: -1.000+/-0.000 χ^2/NDF : 377301553.0/31

In: -0.990+/-0.000 χ^2/NDF :136609331.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.000+/-0.000 χ^2/NDF : 377301553.0/31

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 403333.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 275497.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

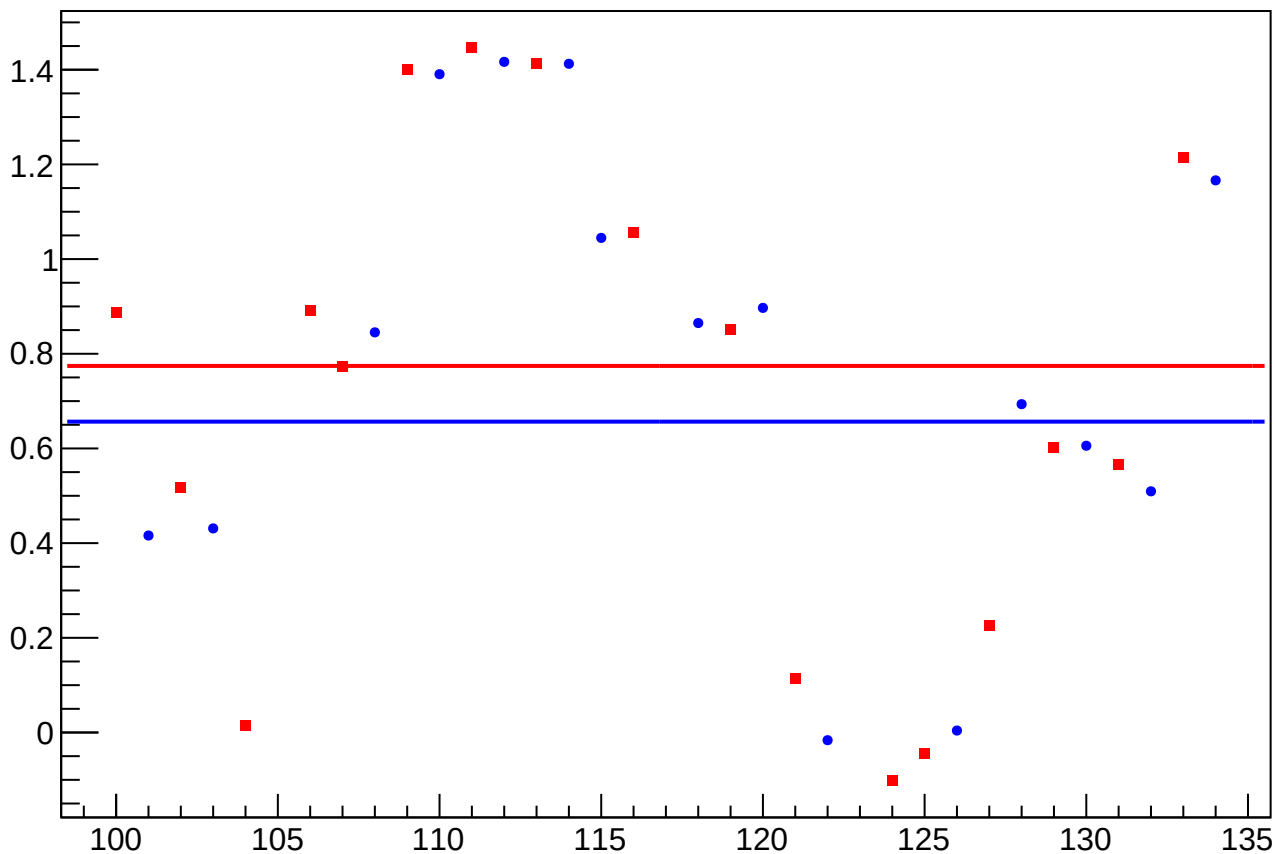
Right: 0.035+/-0.000 χ^2/NDF : 691515.3/31

In: 0.034+/-0.000 χ^2/NDF :403333.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 691515.3/31

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.657+/-0.000 χ^2/NDF : 7307052305.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.774+/-0.000 χ^2/NDF : 14442424036.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

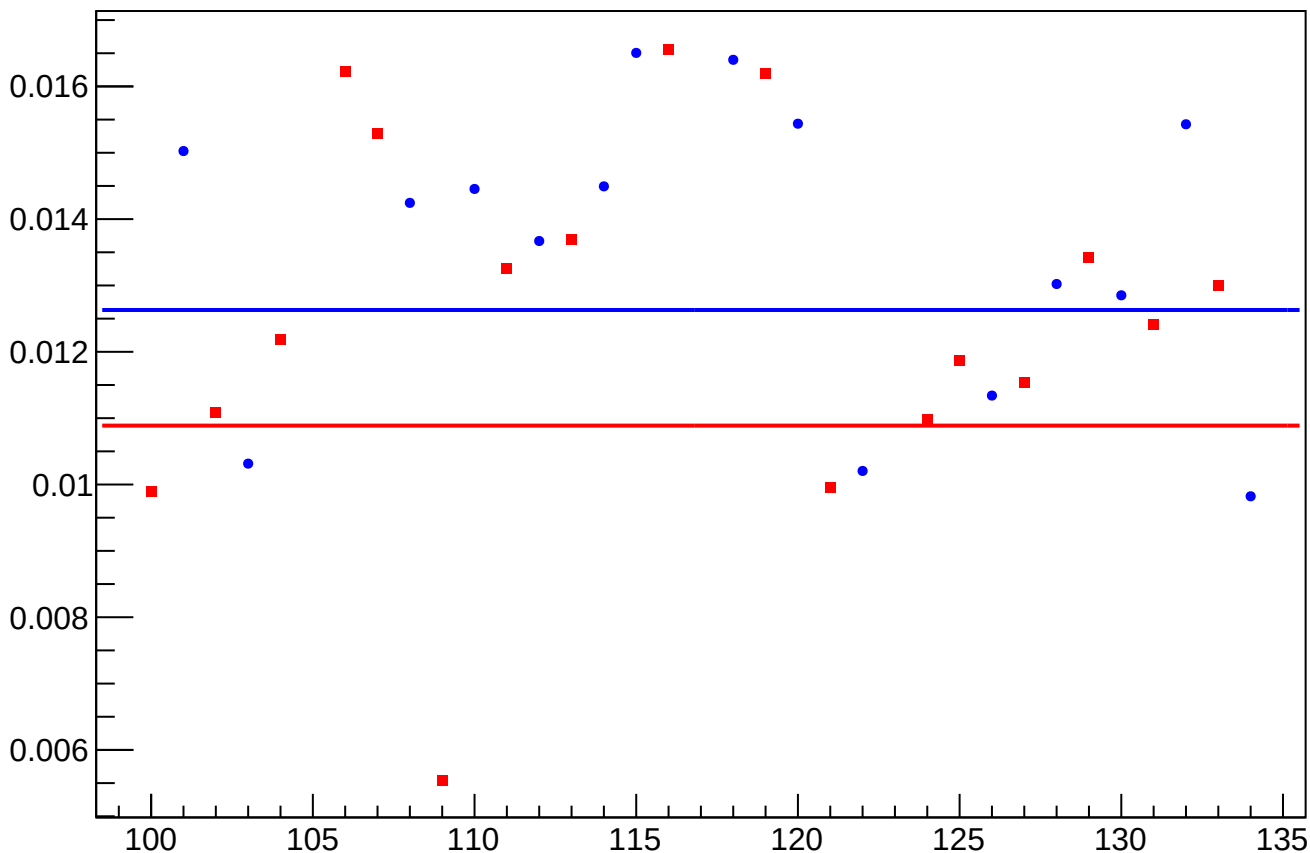
Right: 0.724+/-0.000 χ^2/NDF : 22028592218.7/31

In: 0.657+/-0.000 χ^2/NDF :7307052305.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.724+/-0.000 χ^2/NDF : 22028592218.7/31

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 340419.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1037779.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

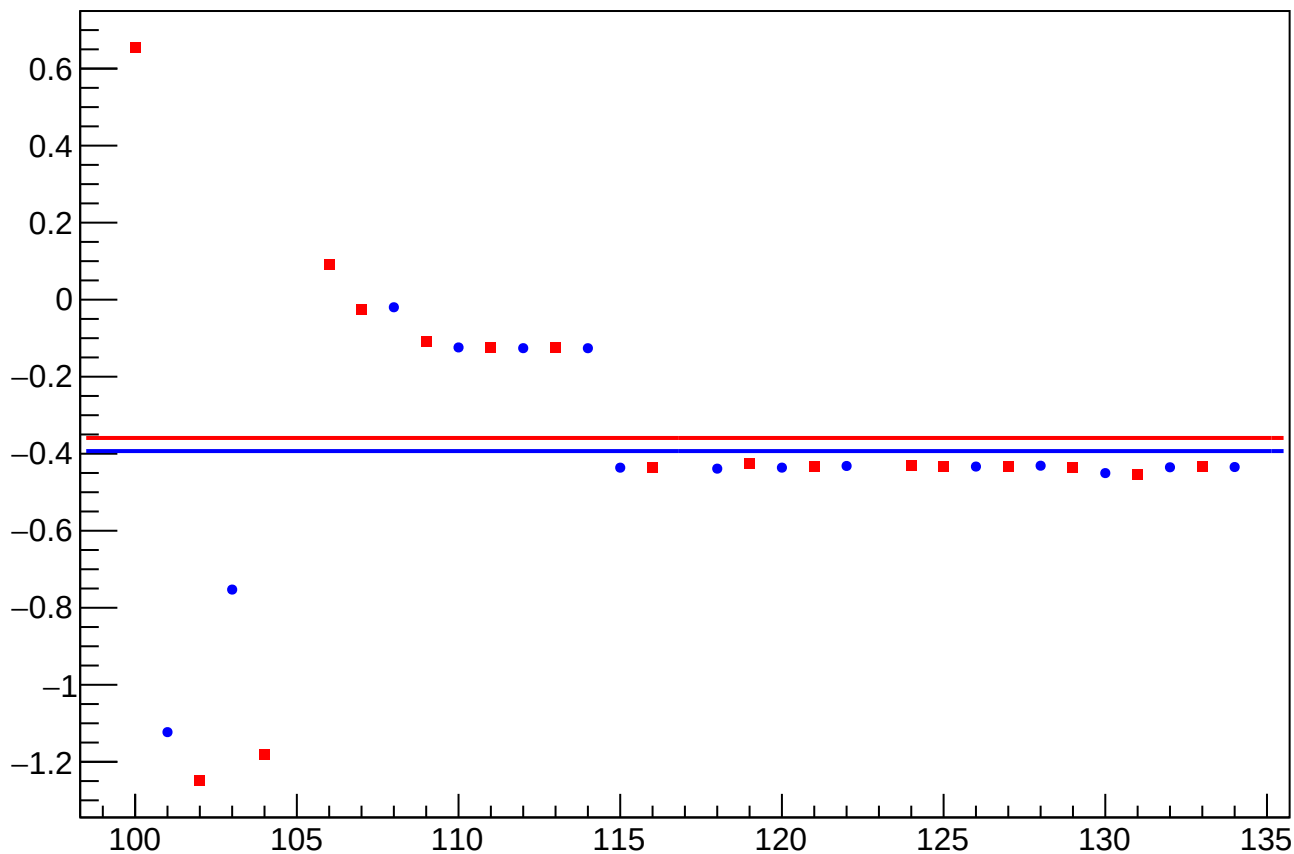
Right: 0.012+/-0.000 χ^2/NDF : 1500616.2/31

In: 0.013+/-0.000 χ^2/NDF :340419.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1500616.2/31

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.393+/-0.000 χ^2/NDF : 687507685.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.359+/-0.000 χ^2/NDF : 773039376.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

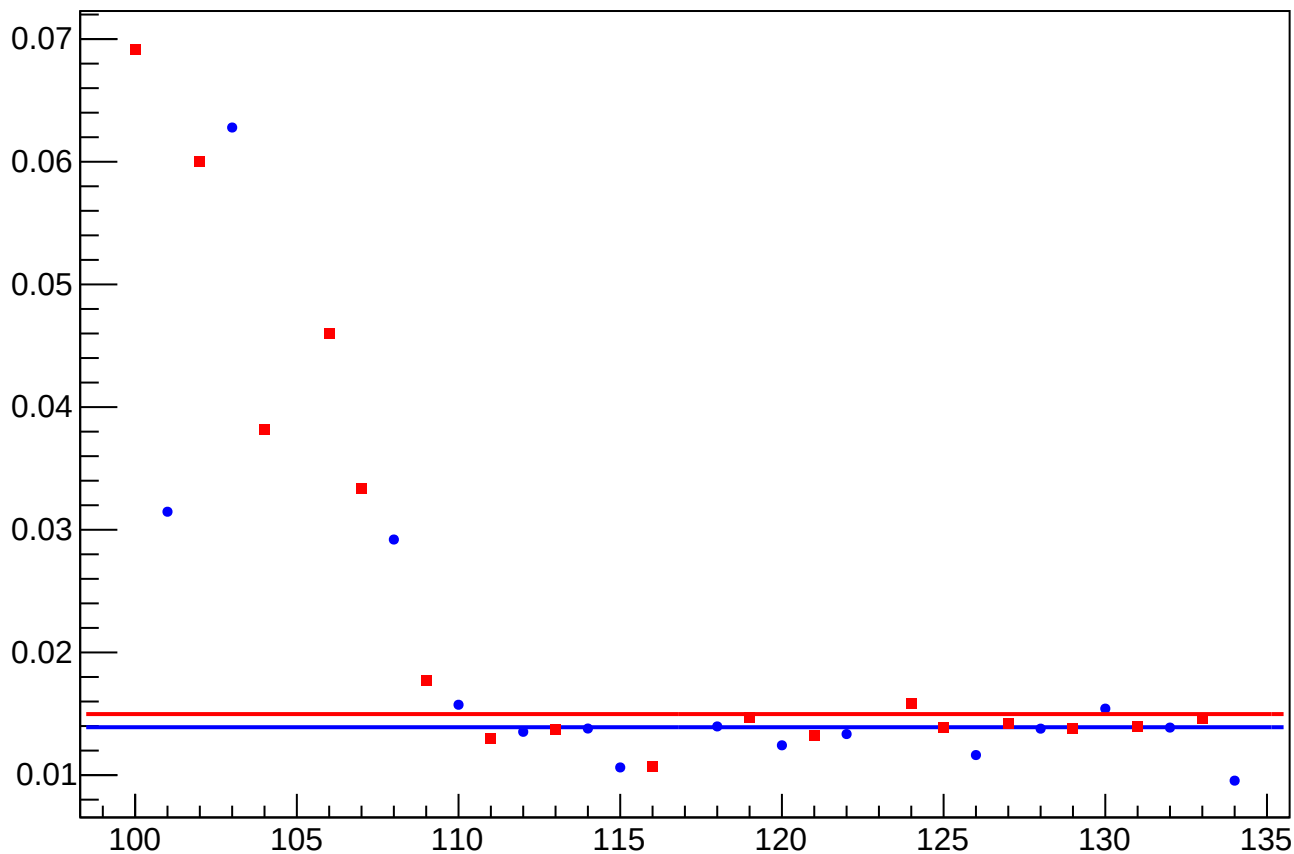
Right: -0.377+/-0.000 χ^2/NDF : 1473401071.8/31

In: -0.393+/-0.000 χ^2/NDF :687507685.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.377+/-0.000 χ^2/NDF : 1473401071.8/31

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1359146.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1481274.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

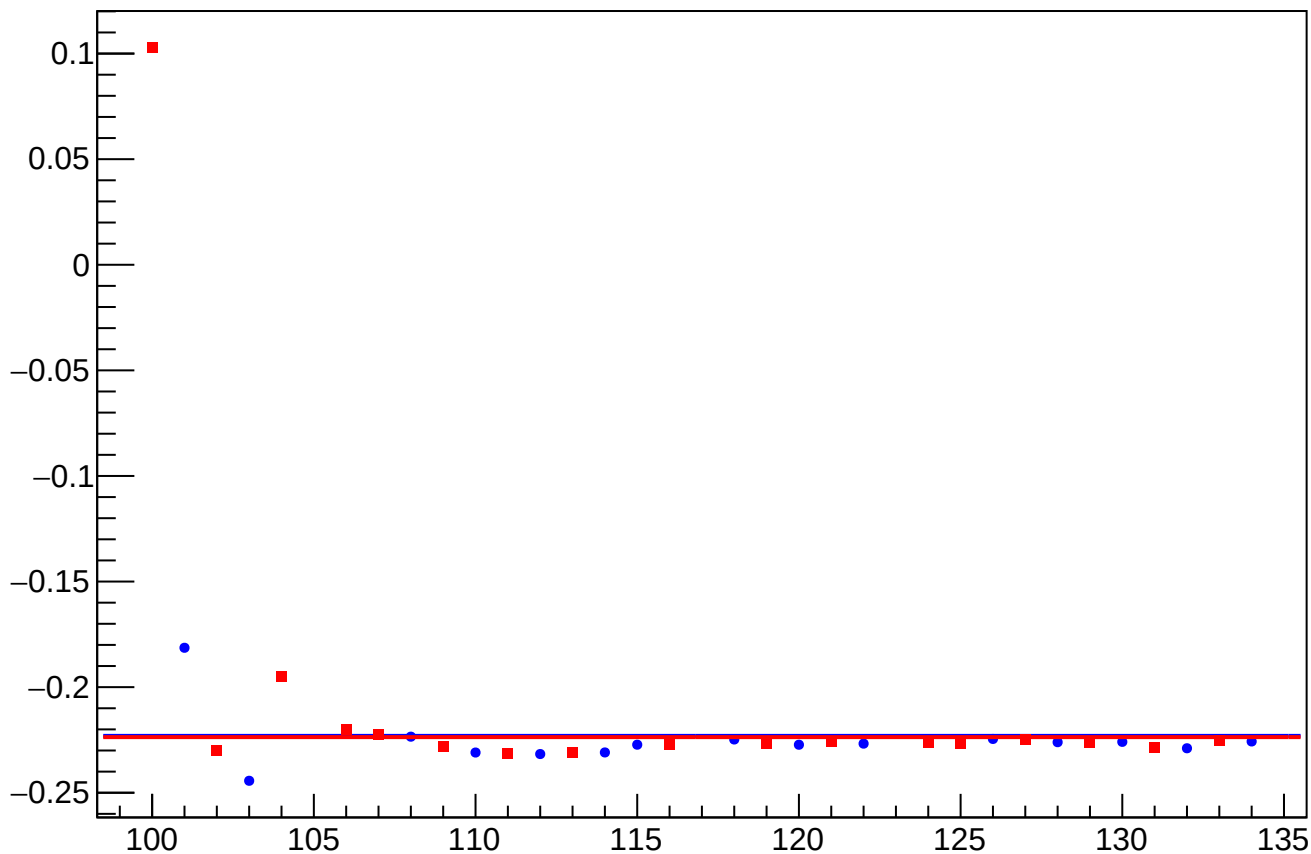
Right: 0.014+/-0.000 χ^2/NDF : 2865855.1/31

In: 0.014+/-0.000 χ^2/NDF : 1359146.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2865855.1/31

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 52175764.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 157928238.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

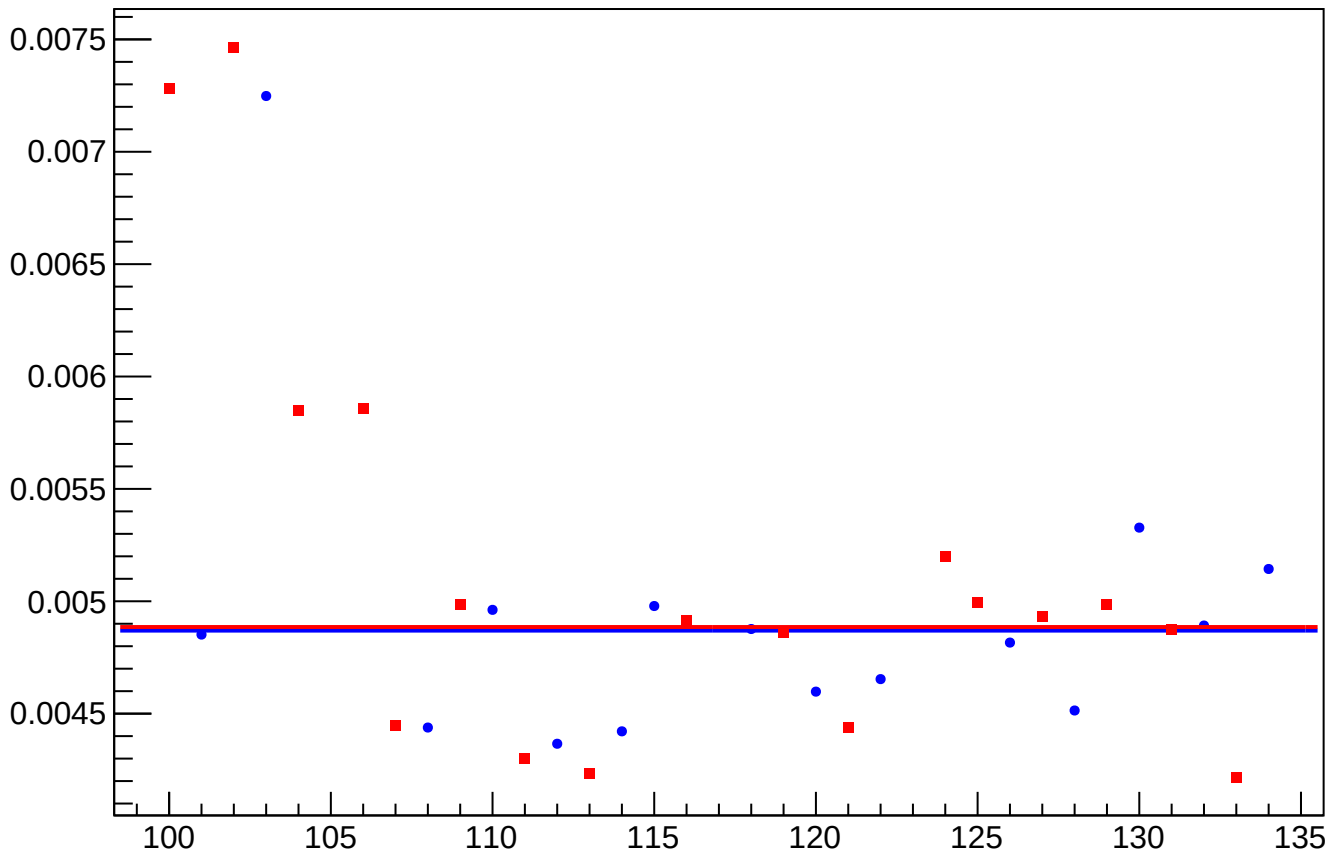
Right: -0.223+/-0.000 χ^2/NDF : 210146467.5/31

In: -0.223+/-0.000 χ^2/NDF : 52175764.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 210146467.5/31

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 160694.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 269685.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

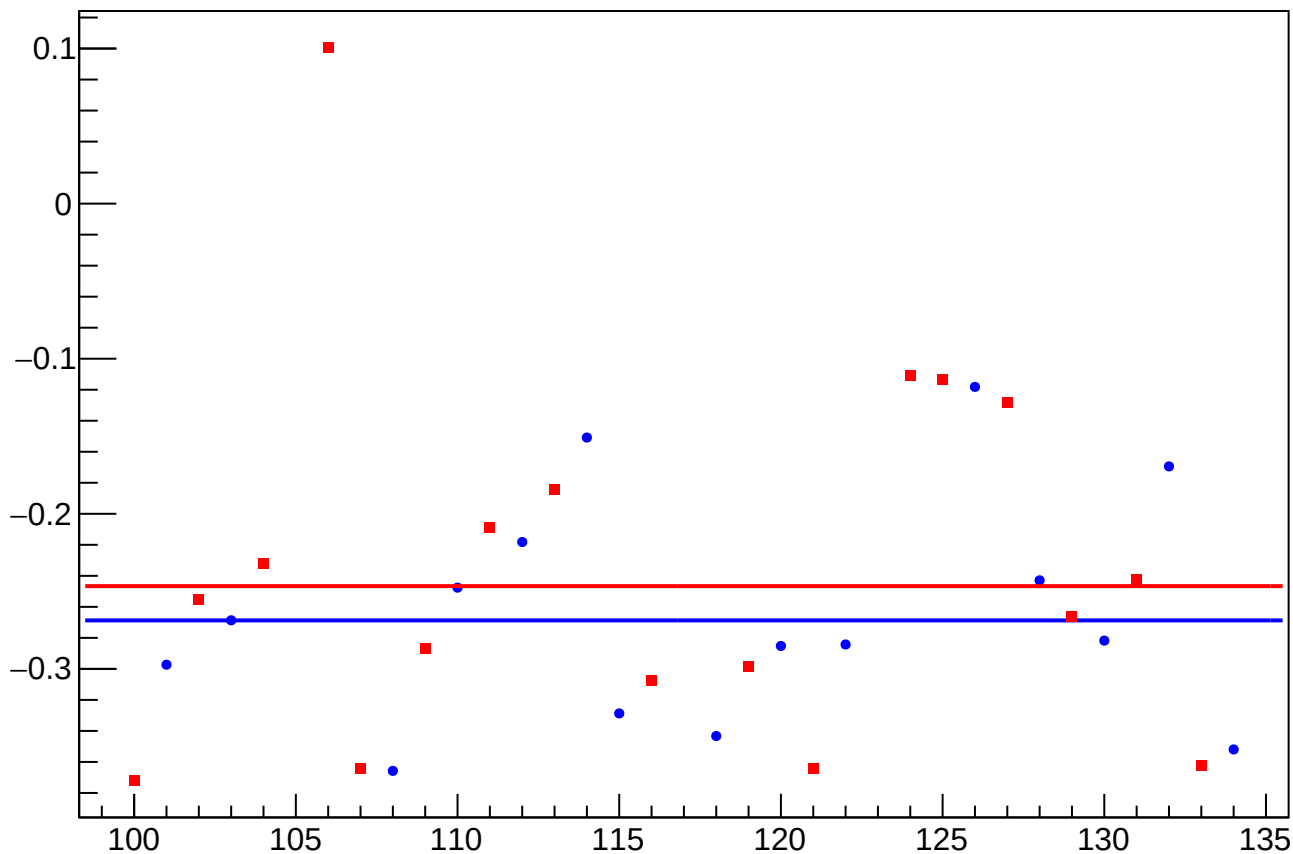
Right: 0.005+/-0.000 χ^2/NDF : 430441.0/31

In: 0.005+/-0.000 χ^2/NDF : 160694.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 430441.0/31

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.269+/-0.000 χ^2/NDF : 601228293.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.247+/-0.000 χ^2/NDF : 1221174642.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

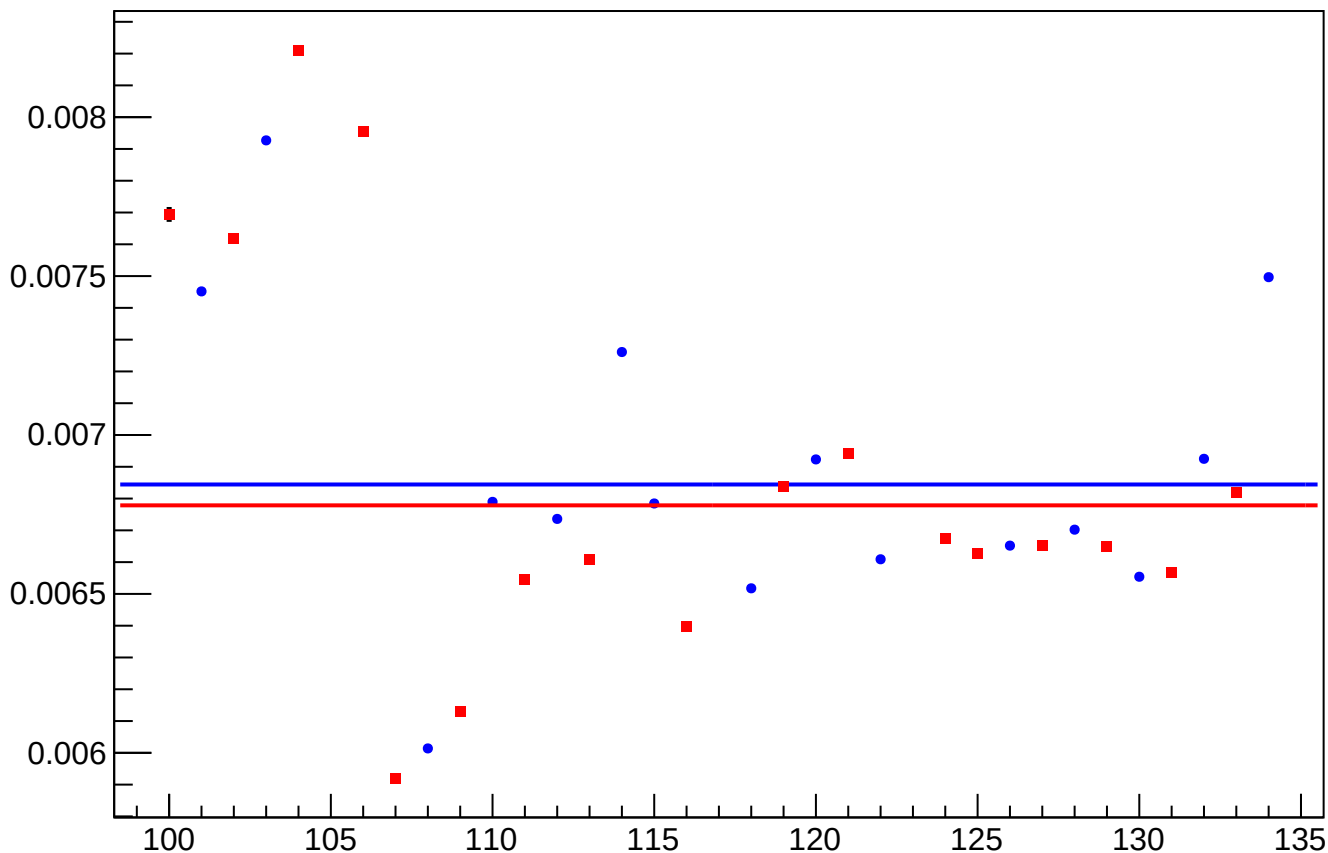
Right: -0.257+/-0.000 χ^2/NDF : 1855849421.4/31

In: -0.269+/-0.000 χ^2/NDF :601228293.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.257+/-0.000 χ^2/NDF : 1855849421.4/31

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 59426.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84916.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

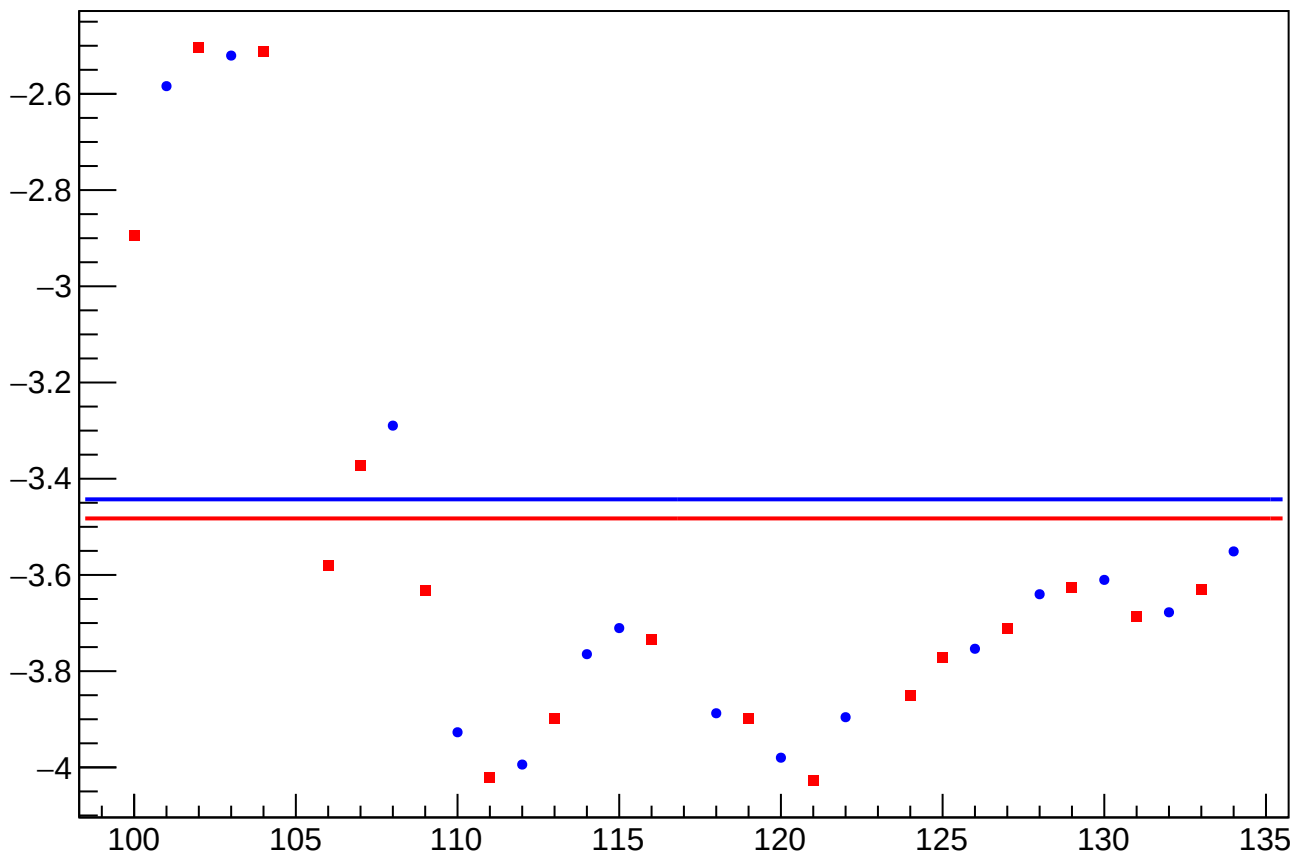
Right: 0.007+/-0.000 χ^2/NDF : 144933.8/31

In: 0.007+/-0.000 χ^2/NDF :59426.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 144933.8/31

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.443 ± 0.000 $\chi^2/\text{NDF}: 28723488019.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.483 ± 0.000 $\chi^2/\text{NDF}: 28687248001.1/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

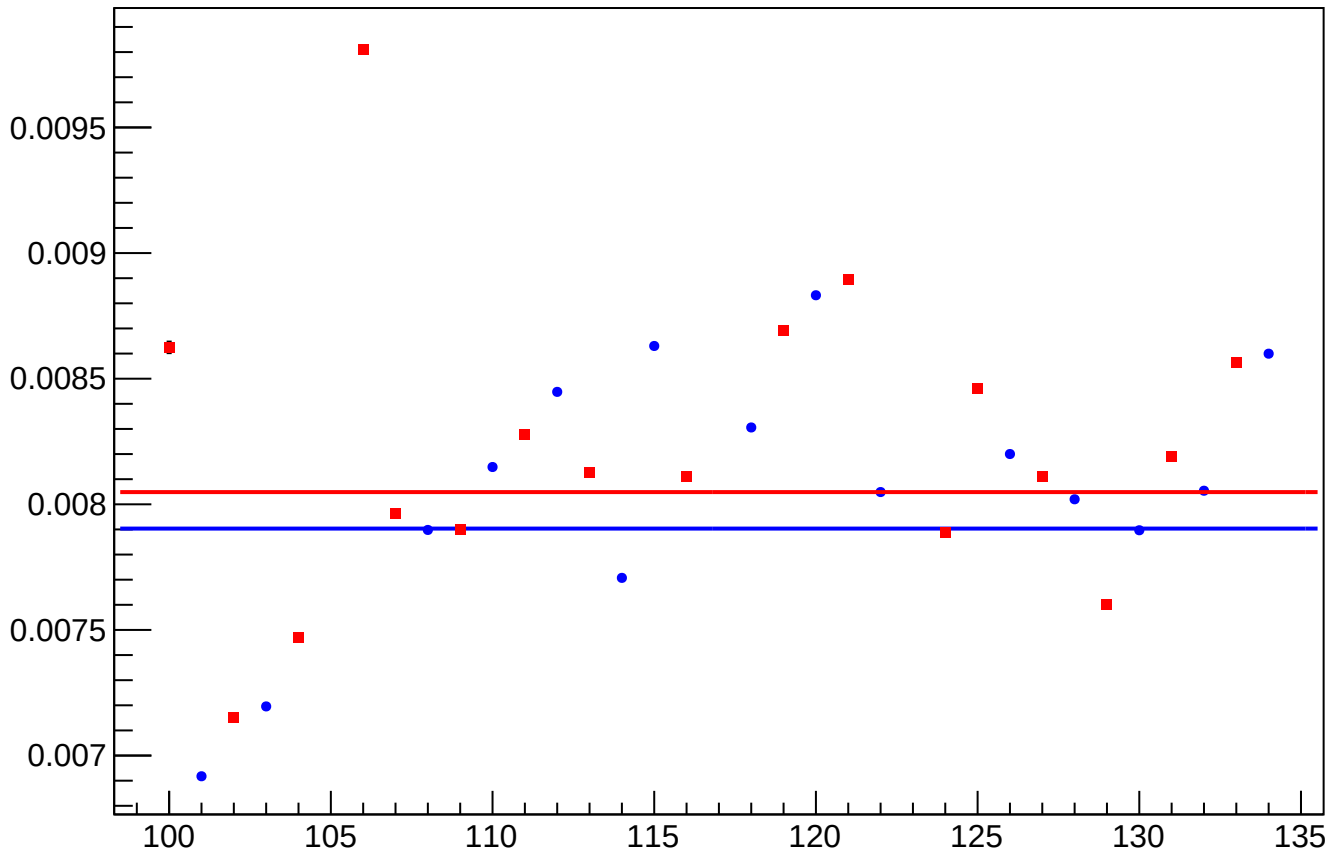
Right: -3.463 ± 0.000 $\chi^2/\text{NDF}: 57488453349.1/31$

In: -3.443 ± 0.000 $\chi^2/\text{NDF}: 28723488019.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.463 ± 0.000 $\chi^2/\text{NDF}: 57488453349.1/31$

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 60656.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 60055.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

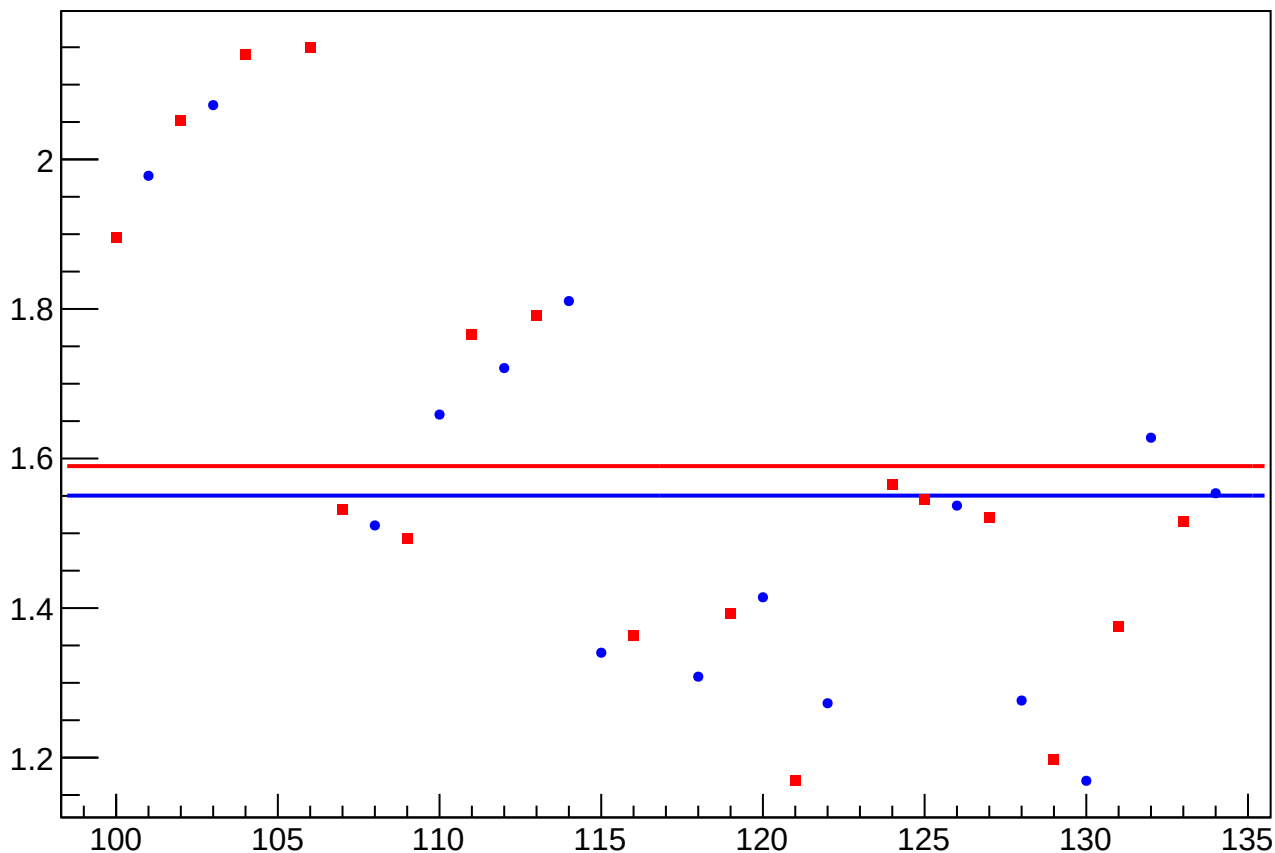
Right: 0.008+/-0.000 χ^2/NDF : 122795.1/31

In: 0.008+/-0.000 χ^2/NDF :60656.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 122795.1/31

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.550+/-0.000 χ^2/NDF : 2999421773.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.590+/-0.000 χ^2/NDF : 3587576550.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

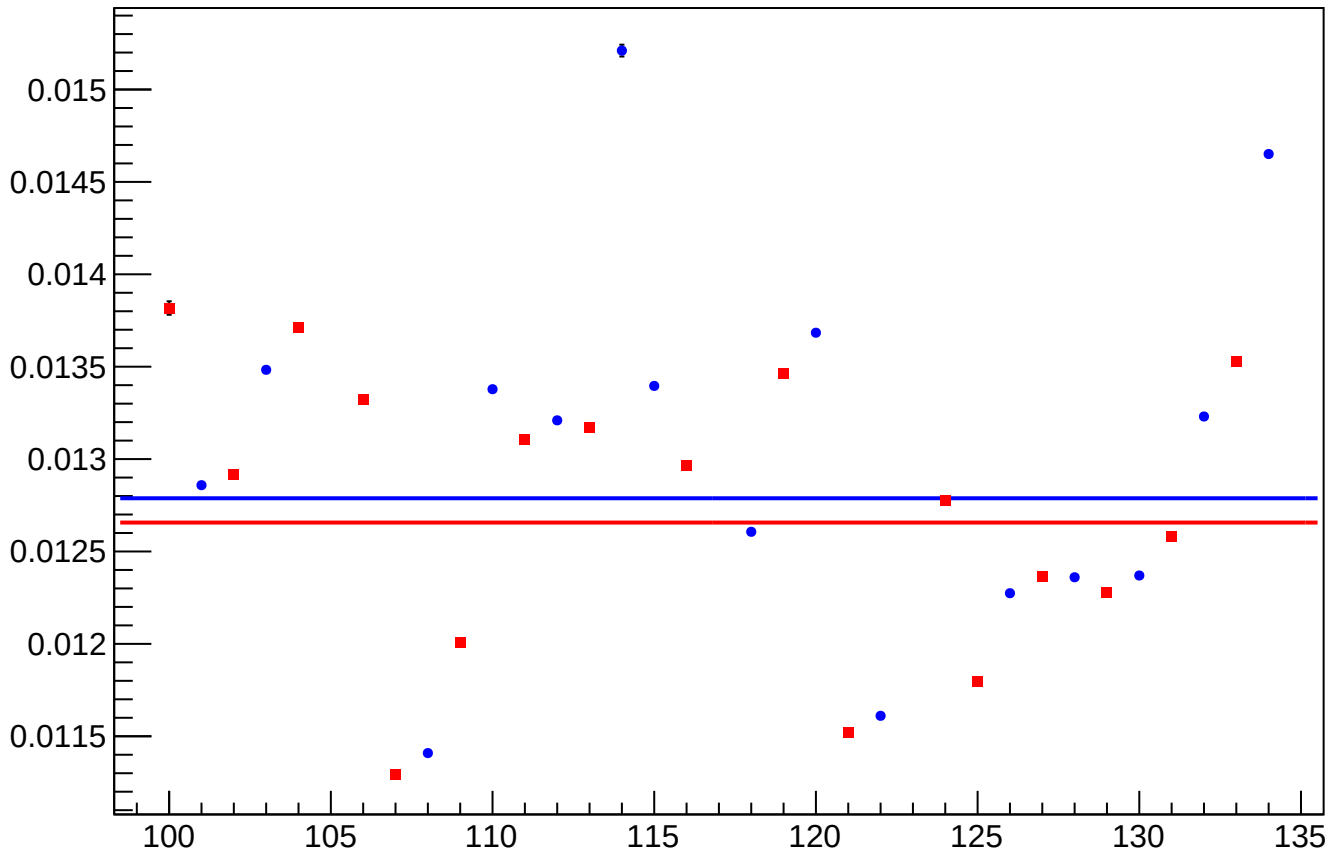
Right: 1.571+/-0.000 χ^2/NDF : 6617443402.3/31

In: 1.550+/-0.000 χ^2/NDF : 2999421773.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.571+/-0.000 χ^2/NDF : 6617443402.3/31

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 51198.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 42522.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

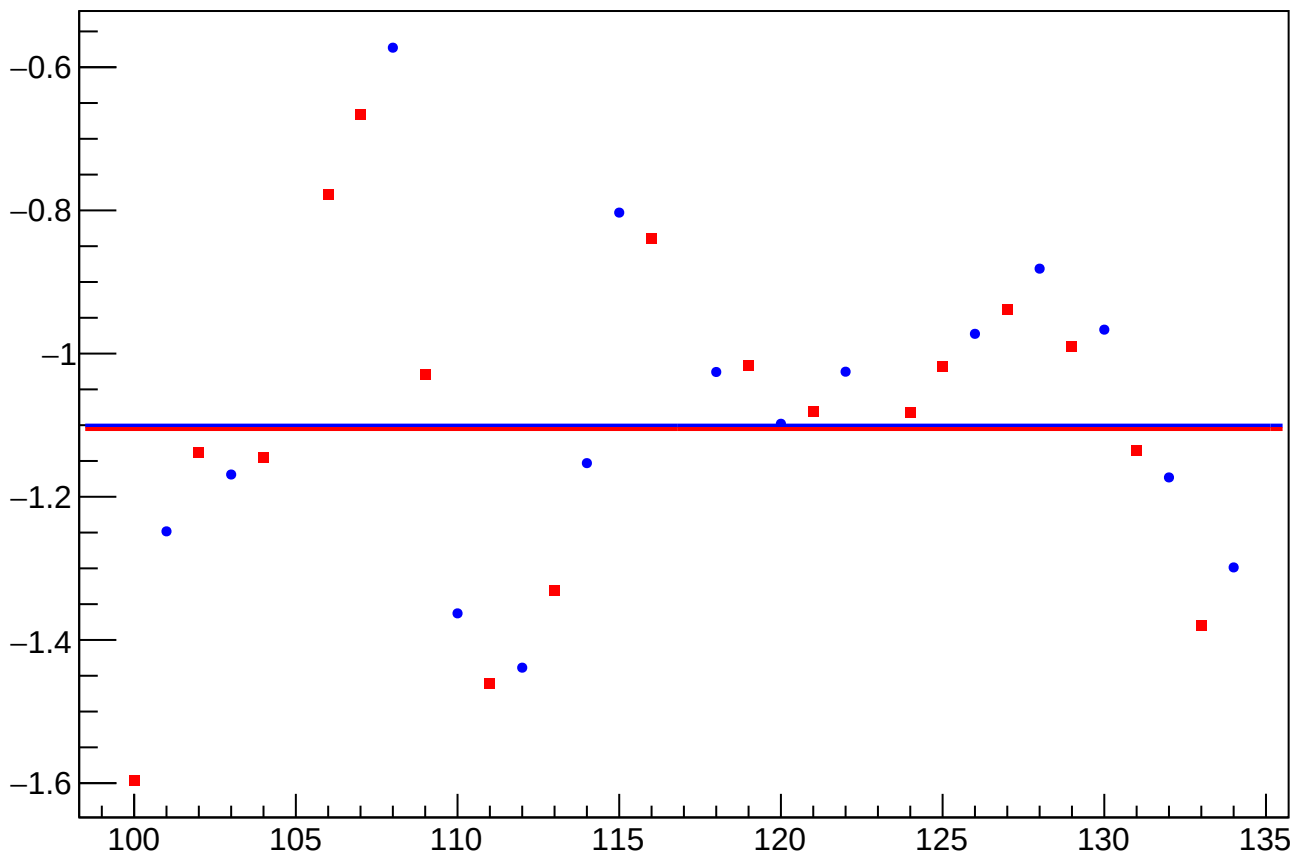
Right: 0.013+/-0.000 χ^2/NDF : 94396.7/31

In: 0.013+/-0.000 χ^2/NDF : 51198.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 94396.7/31

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.101+/-0.000 χ^2/NDF : 3161323943.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.105+/-0.000 χ^2/NDF : 2519074070.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

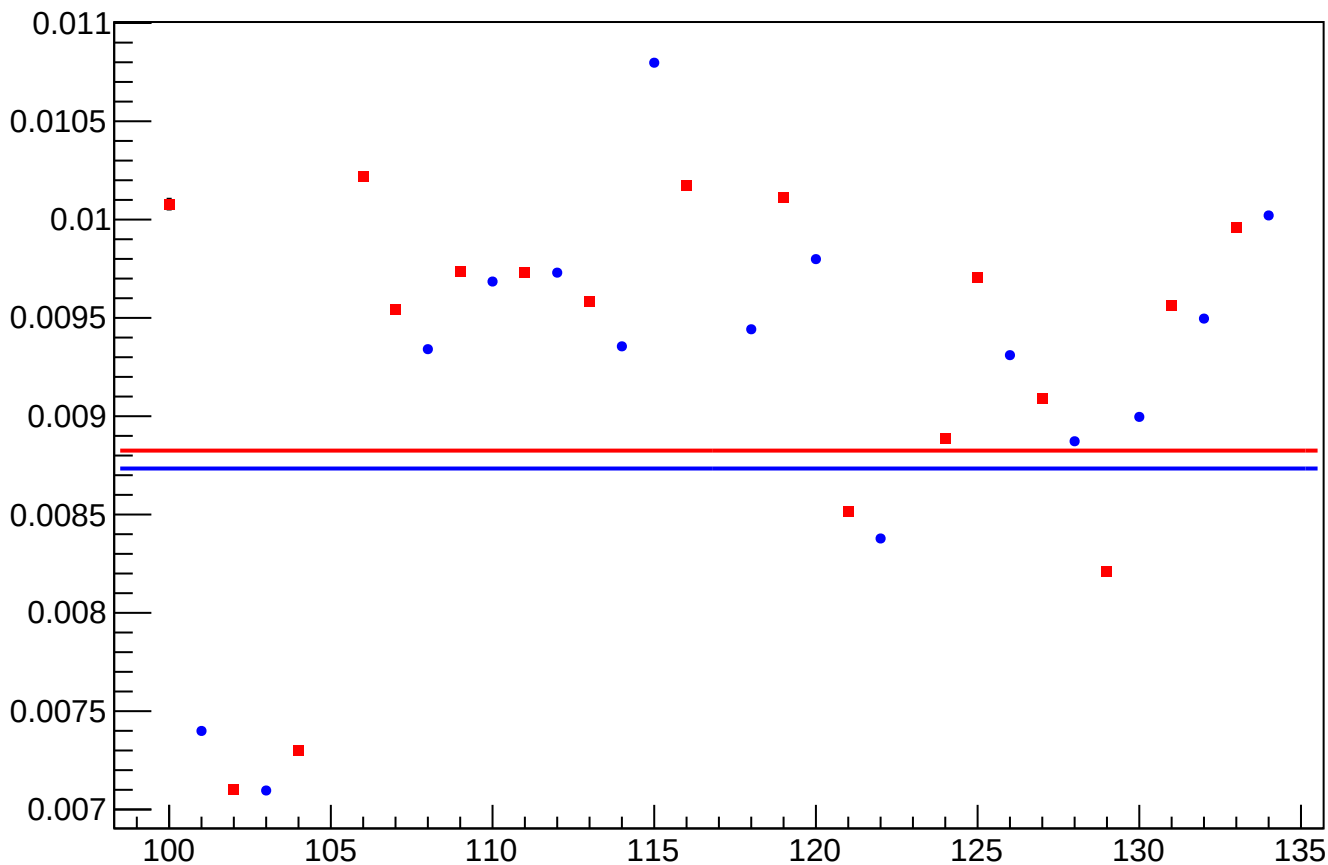
Right: -1.103+/-0.000 χ^2/NDF : 5681293873.0/31

In: -1.101+/-0.000 χ^2/NDF :3161323943.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.103+/-0.000 χ^2/NDF : 5681293873.0/31

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 169740.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 203426.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

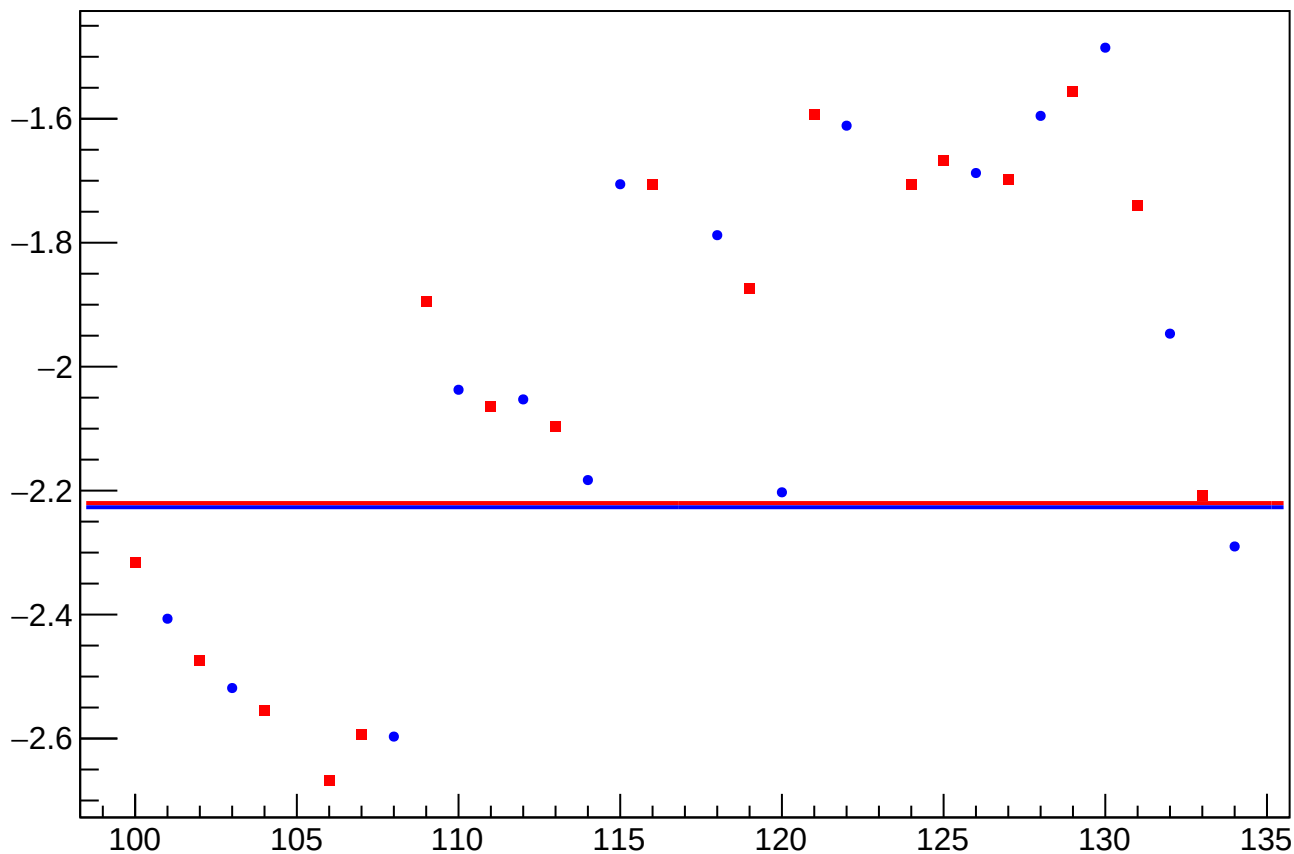
Right: 0.009+/-0.000 χ^2/NDF : 373827.3/31

In: 0.009+/-0.000 χ^2/NDF :169740.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 373827.3/31

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.227+/-0.000 χ^2 /NDF: 11449972996.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.220+/-0.000 χ^2 /NDF: 12395673012.1/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

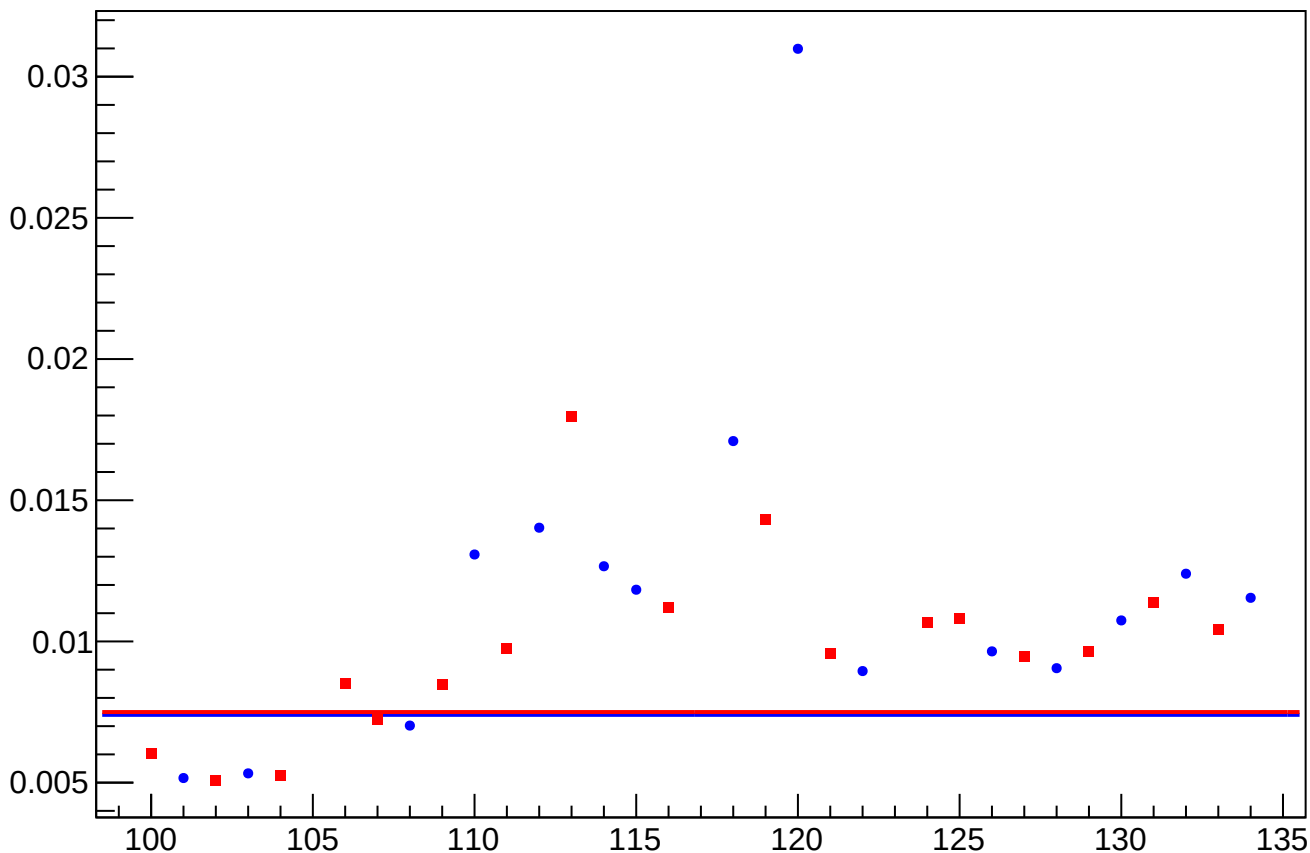
Right: -2.223+/-0.000 χ^2 /NDF: 23847539606.6/31

In: -2.227+/-0.000 χ^2 /NDF:11449972996.7/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.223+/-0.000 χ^2 /NDF: 23847539606.6/31

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1607664.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1270038.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

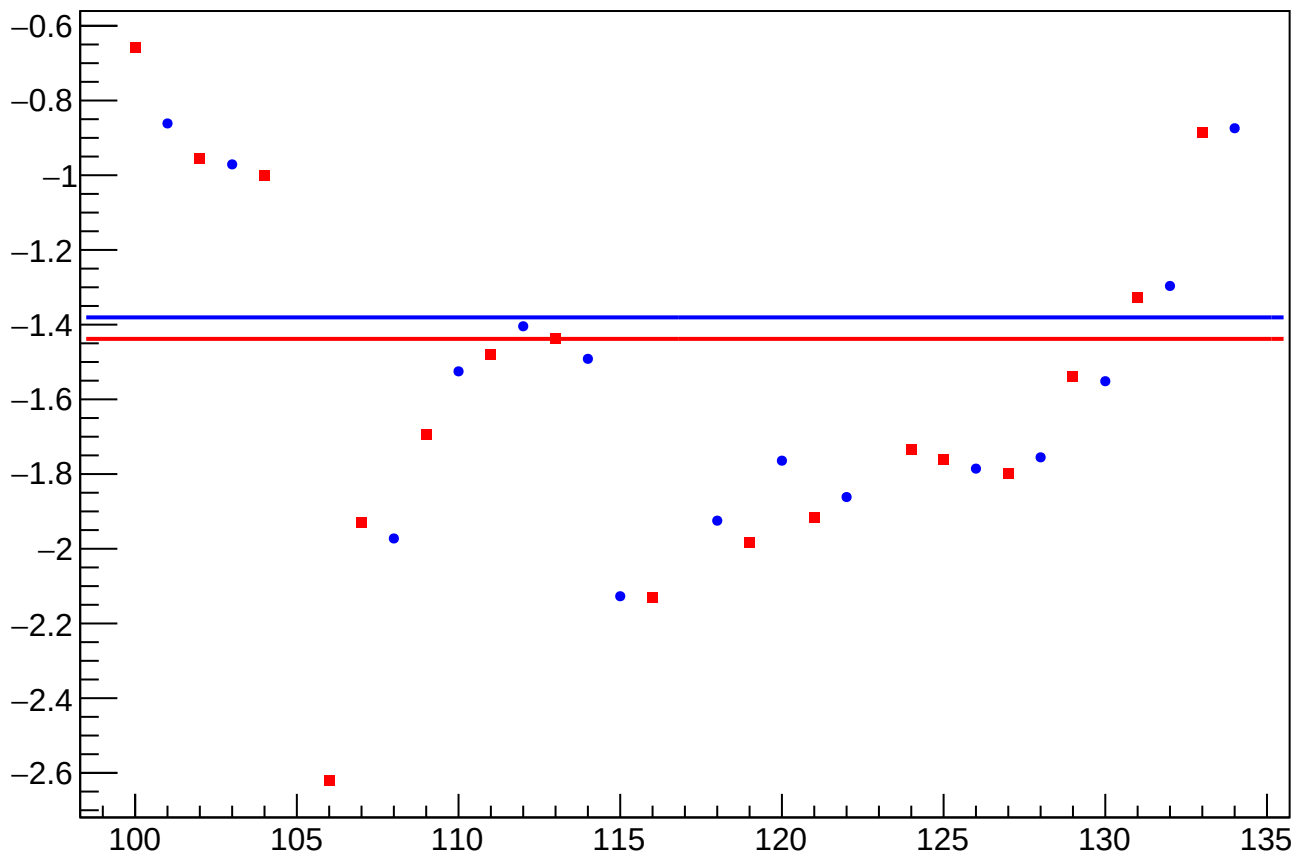
Right: 0.007+/-0.000 χ^2/NDF : 2878523.8/31

In: 0.007+/-0.000 χ^2/NDF :1607664.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2878523.8/31

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.381+/-0.000 χ^2/NDF : 21083650744.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.438+/-0.000 χ^2/NDF : 28457056741.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

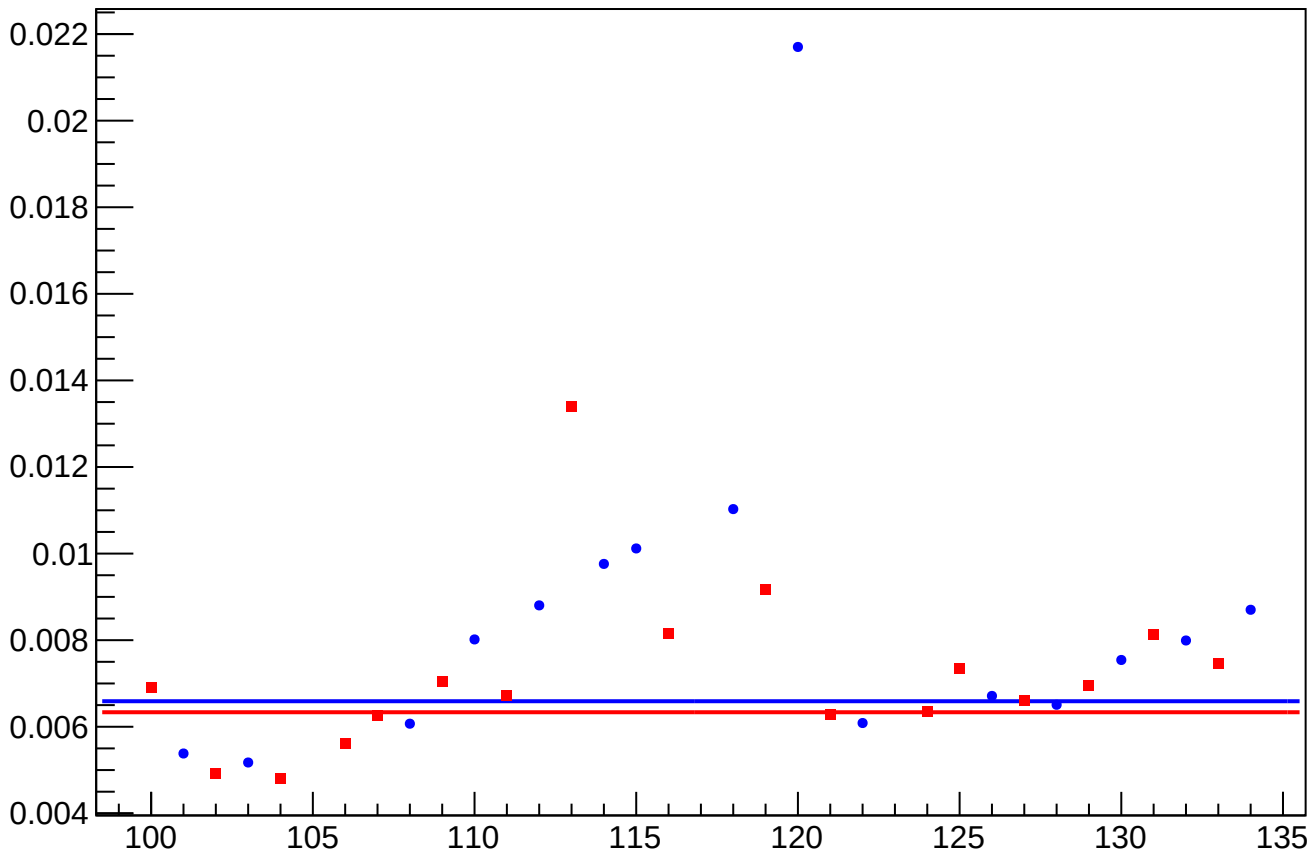
Right: -1.412+/-0.000 χ^2/NDF : 49748700055.7/31

In: -1.381+/-0.000 χ^2/NDF : 21083650744.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.412+/-0.000 χ^2/NDF : 49748700055.7/31

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 691439.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 528074.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

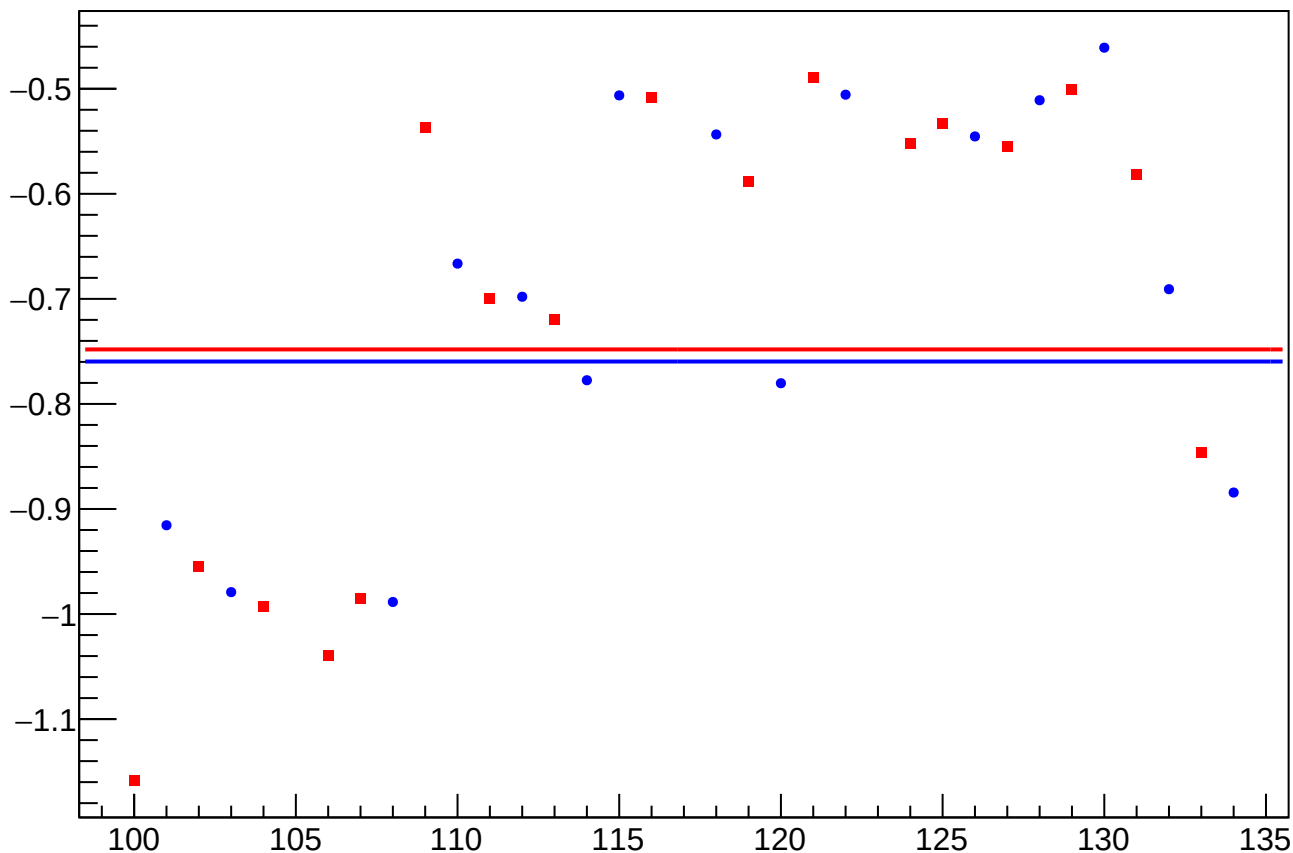
Right: 0.006+/-0.000 χ^2/NDF : 1227636.3/31

In: 0.007+/-0.000 χ^2/NDF :691439.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1227636.3/31

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.760+/-0.000 χ^2/NDF : 7161106758.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.748+/-0.000 χ^2/NDF : 8435678085.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

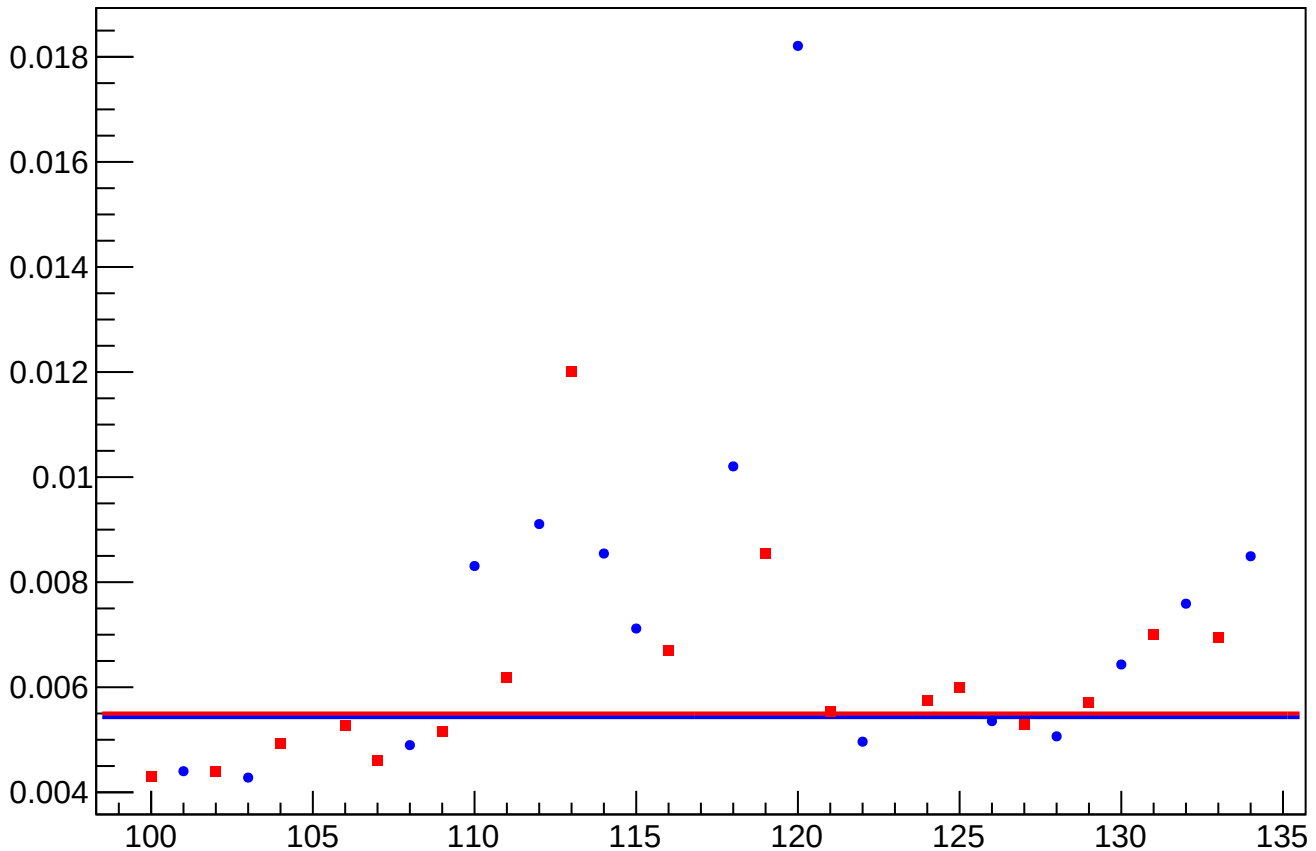
Right: -0.754+/-0.000 χ^2/NDF : 15608030978.4/31

In: -0.760+/-0.000 χ^2/NDF :7161106758.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.754+/-0.000 χ^2/NDF : 15608030978.4/31

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 958763.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 493032.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

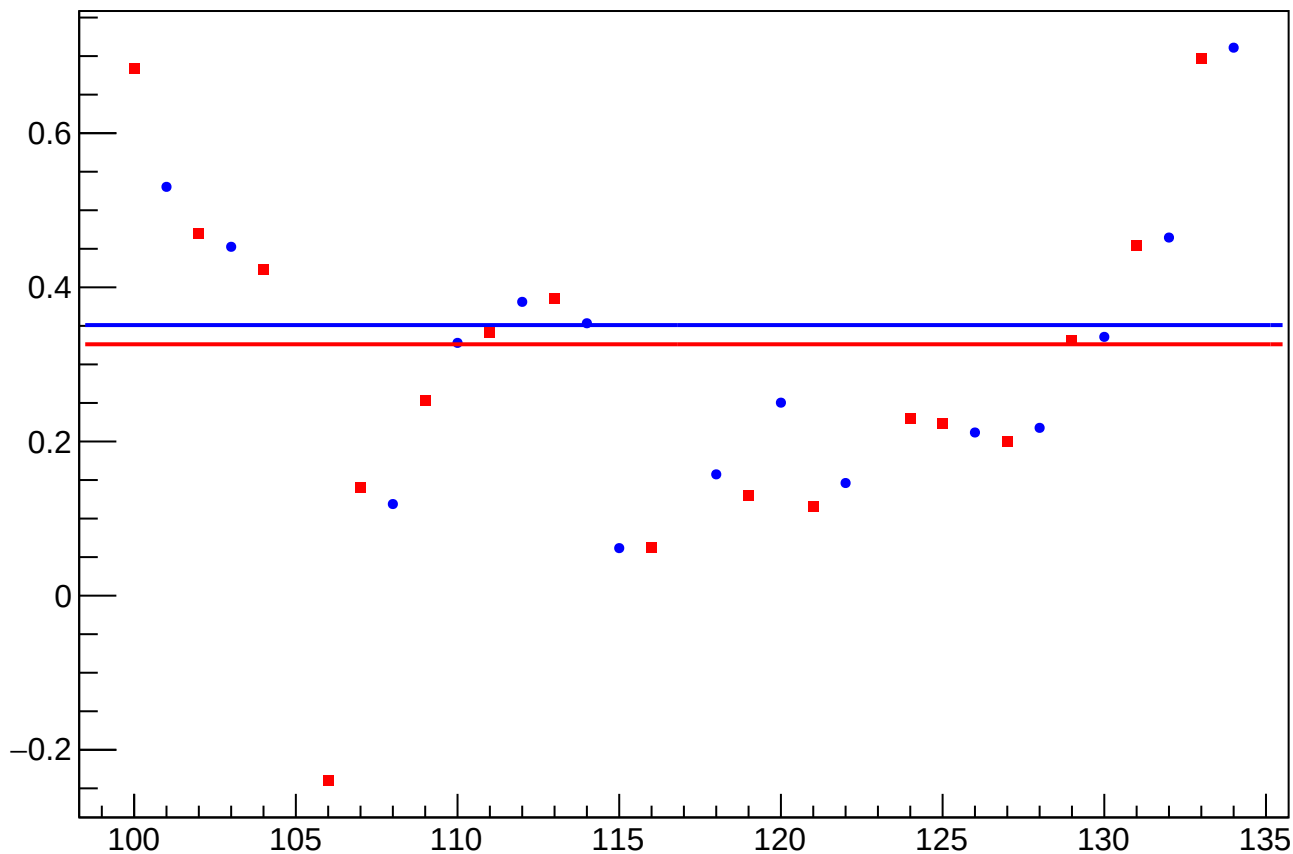
Right: 0.005+/-0.000 χ^2/NDF : 1452624.7/31

In: 0.005+/-0.000 χ^2/NDF : 958763.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1452624.7/31

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.351 ± 0.000 χ^2/NDF : 8551609464.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.326 ± 0.000 χ^2/NDF : 11459201318.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

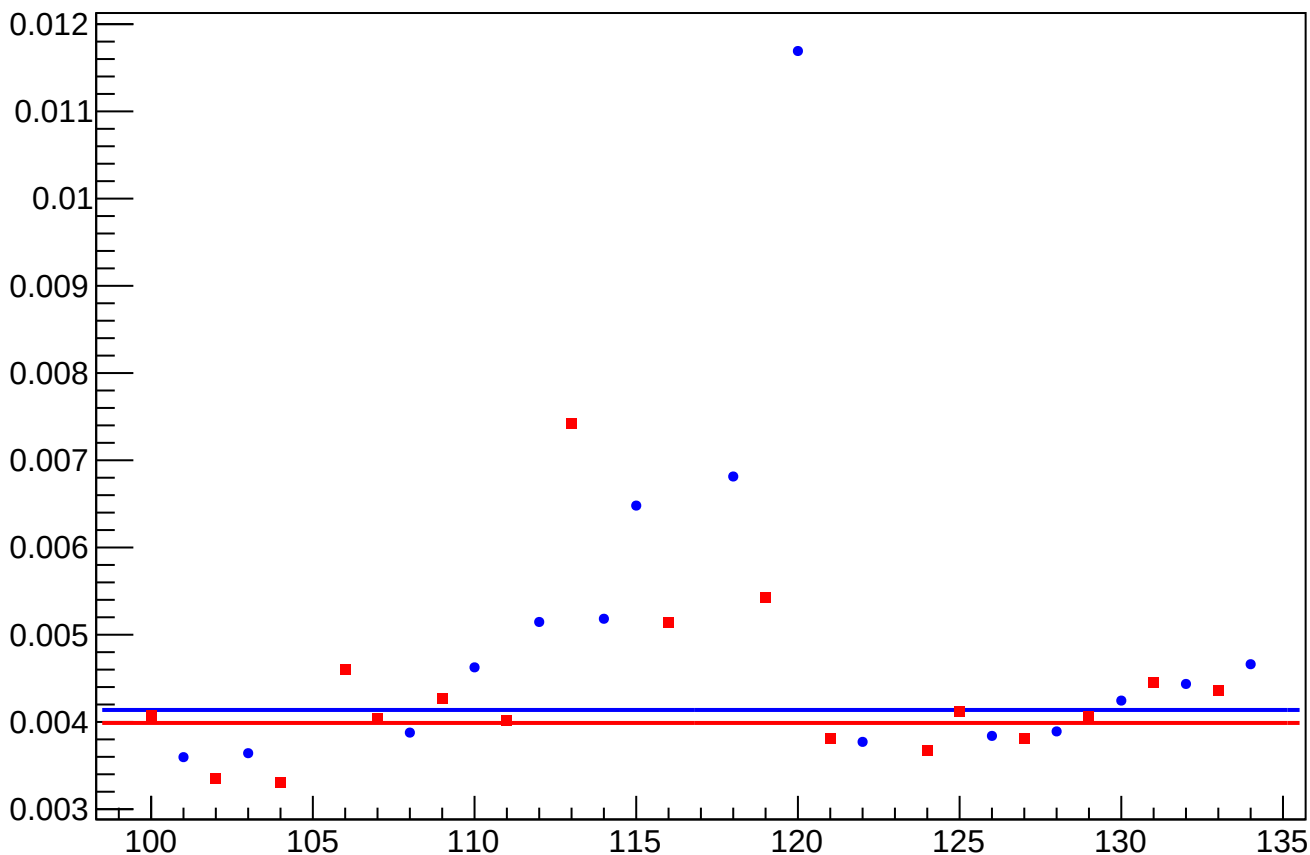
Right: 0.338 ± 0.000 χ^2/NDF : 20114177745.0/31

In: 0.351 ± 0.000 χ^2/NDF : 8551609464.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.338 ± 0.000 χ^2/NDF : 20114177745.0/31

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 483574.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 310984.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

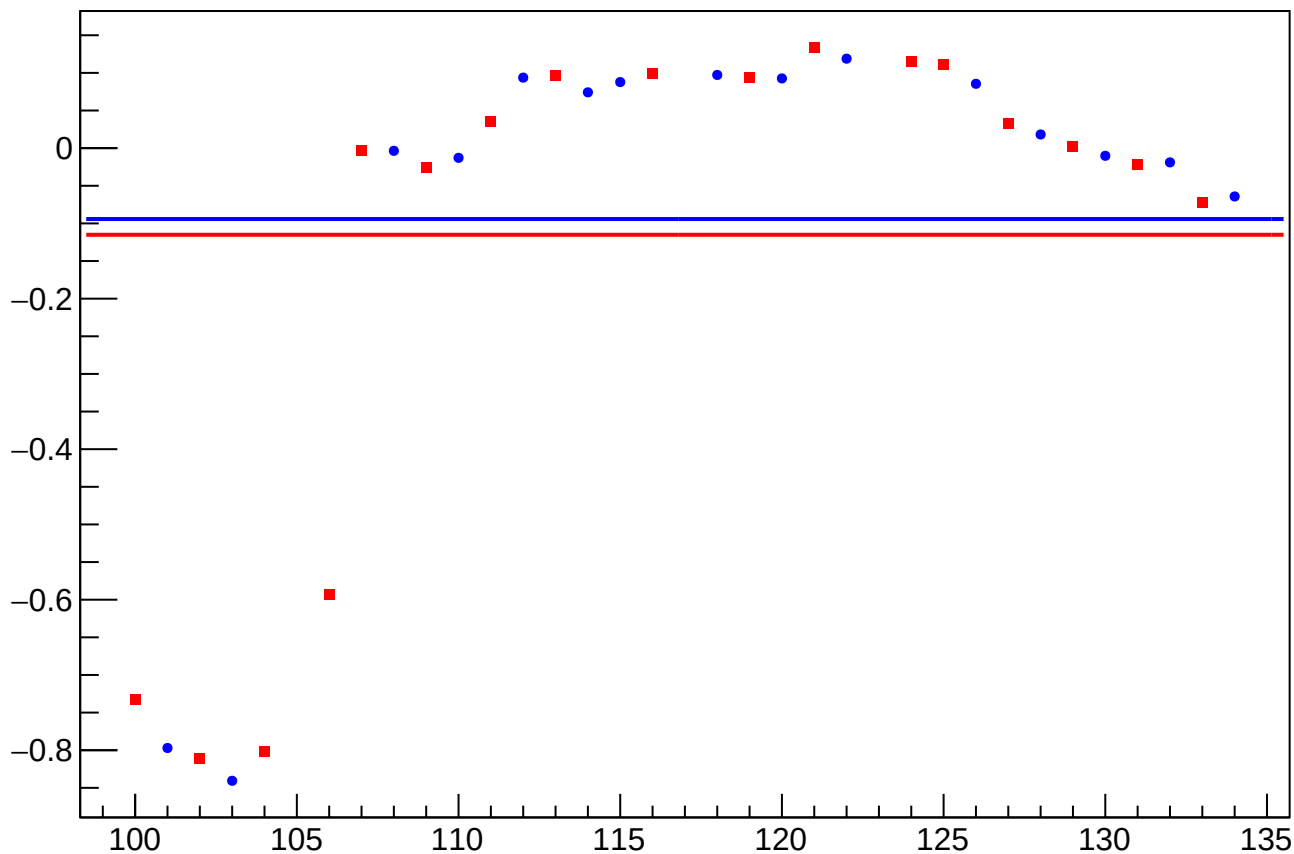
Right: 0.004+/-0.000 χ^2/NDF : 801950.9/31

In: 0.004+/-0.000 χ^2/NDF :483574.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 801950.9/31

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.094+/-0.000 χ^2/NDF : 5489590179.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.115+/-0.000 χ^2/NDF : 6182040275.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

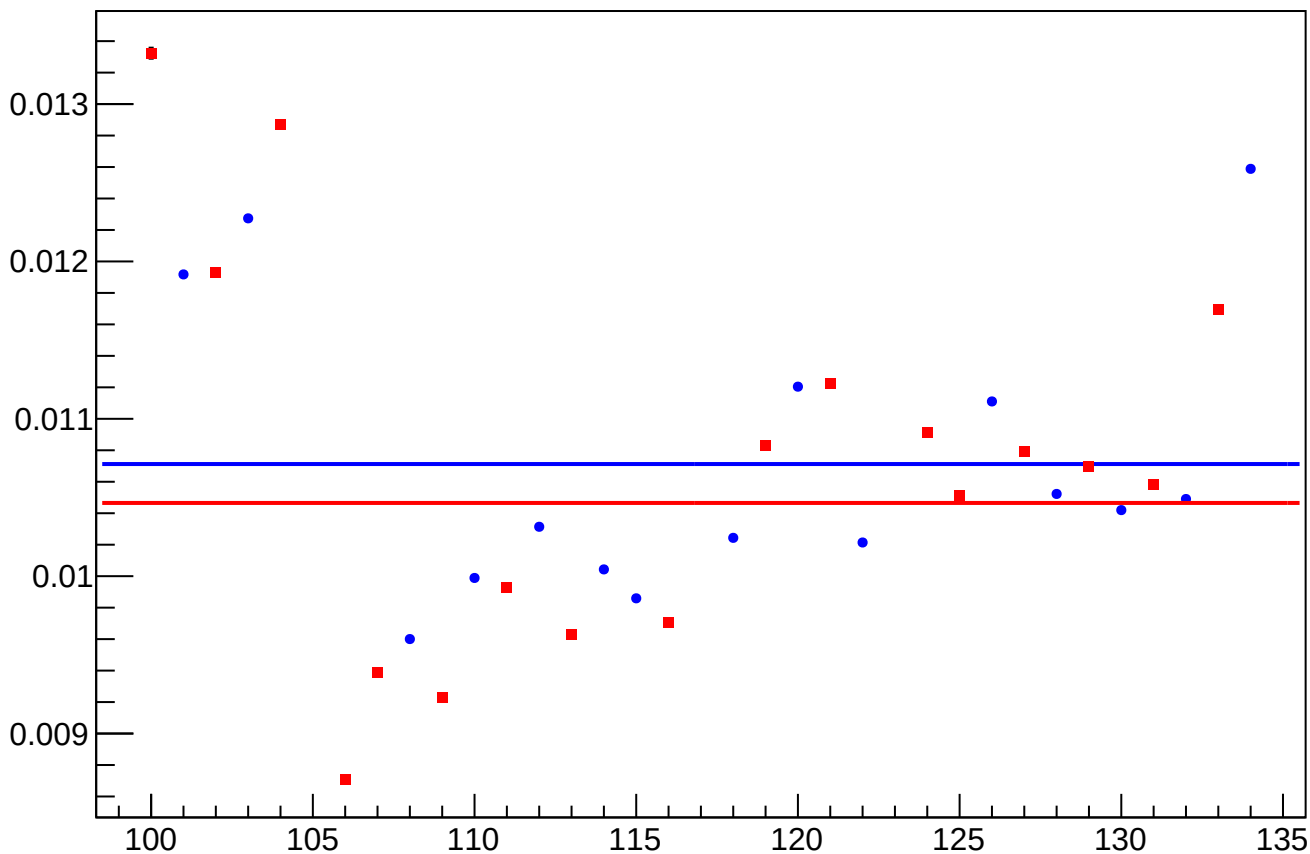
Right: -0.105+/-0.000 χ^2/NDF : 11684267540.4/31

In: -0.094+/-0.000 χ^2/NDF :5489590179.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.105+/-0.000 χ^2/NDF : 11684267540.4/31

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 76628.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 144245.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

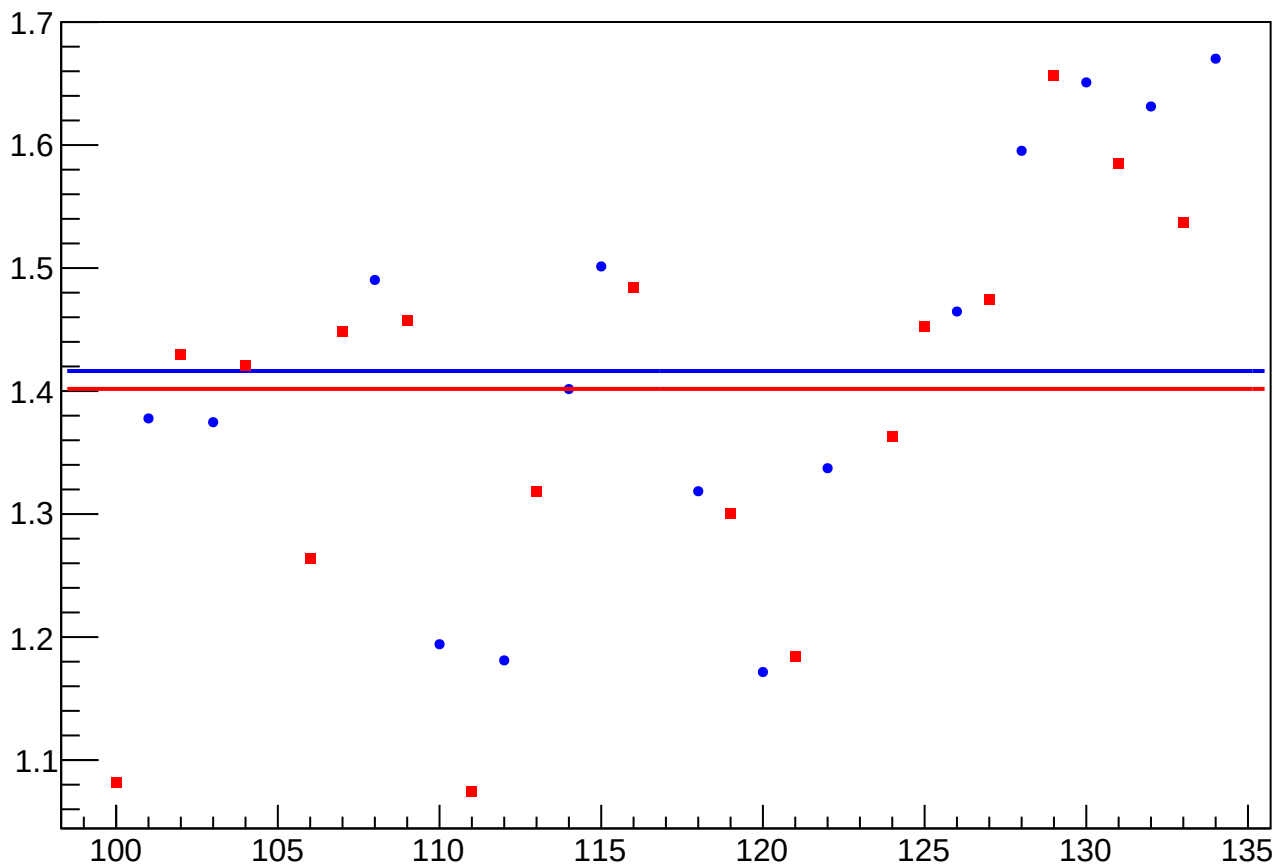
Right: 0.011+/-0.000 χ^2/NDF : 224398.1/31

In: 0.011+/-0.000 χ^2/NDF : 76628.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 224398.1/31

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.416+/-0.000 χ^2/NDF : 2729742791.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.402+/-0.000 χ^2/NDF : 2432440464.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

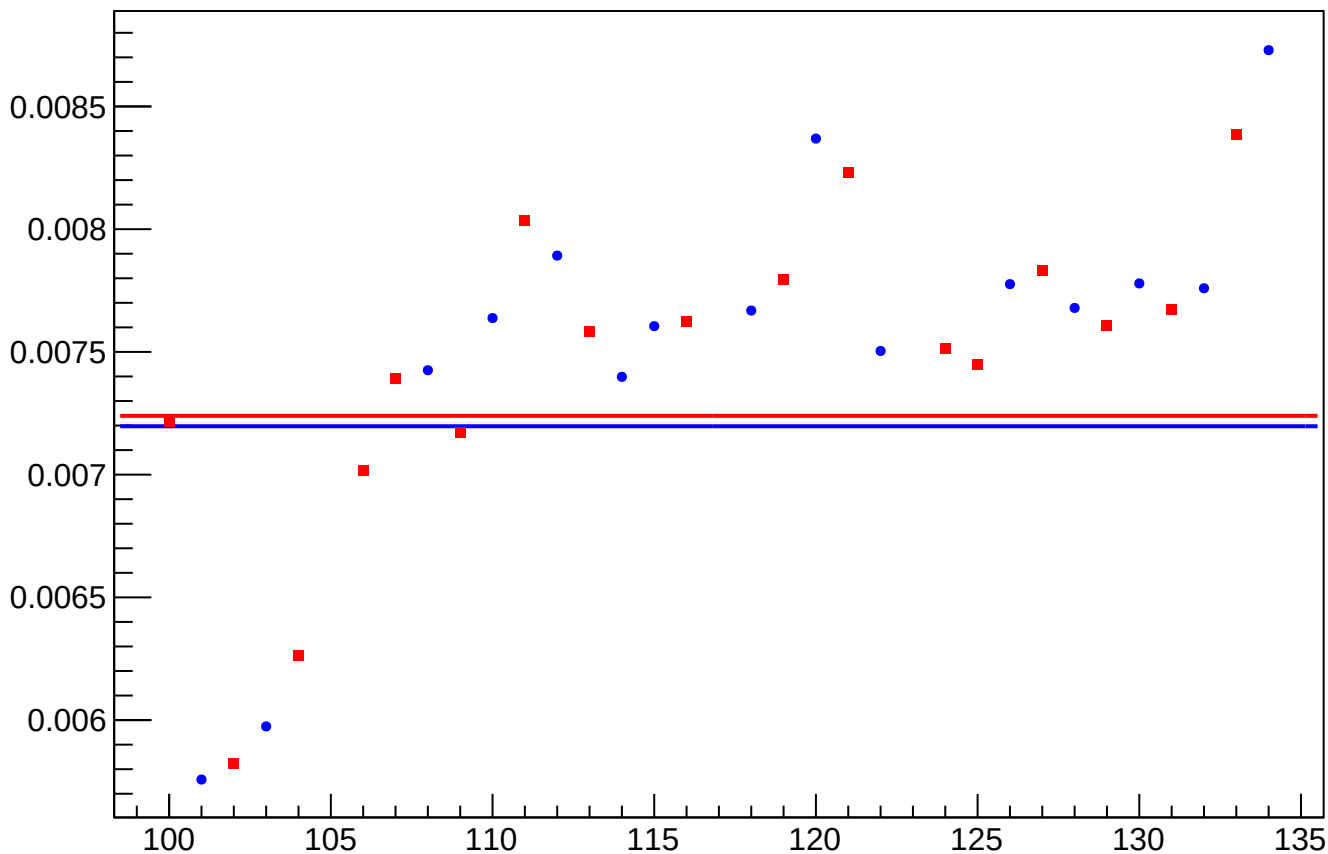
Right: 1.409+/-0.000 χ^2/NDF : 5175267651.2/31

In: 1.416+/-0.000 χ^2/NDF : 2729742791.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.409+/-0.000 χ^2/NDF : 5175267651.2/31

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 204027.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 159958.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

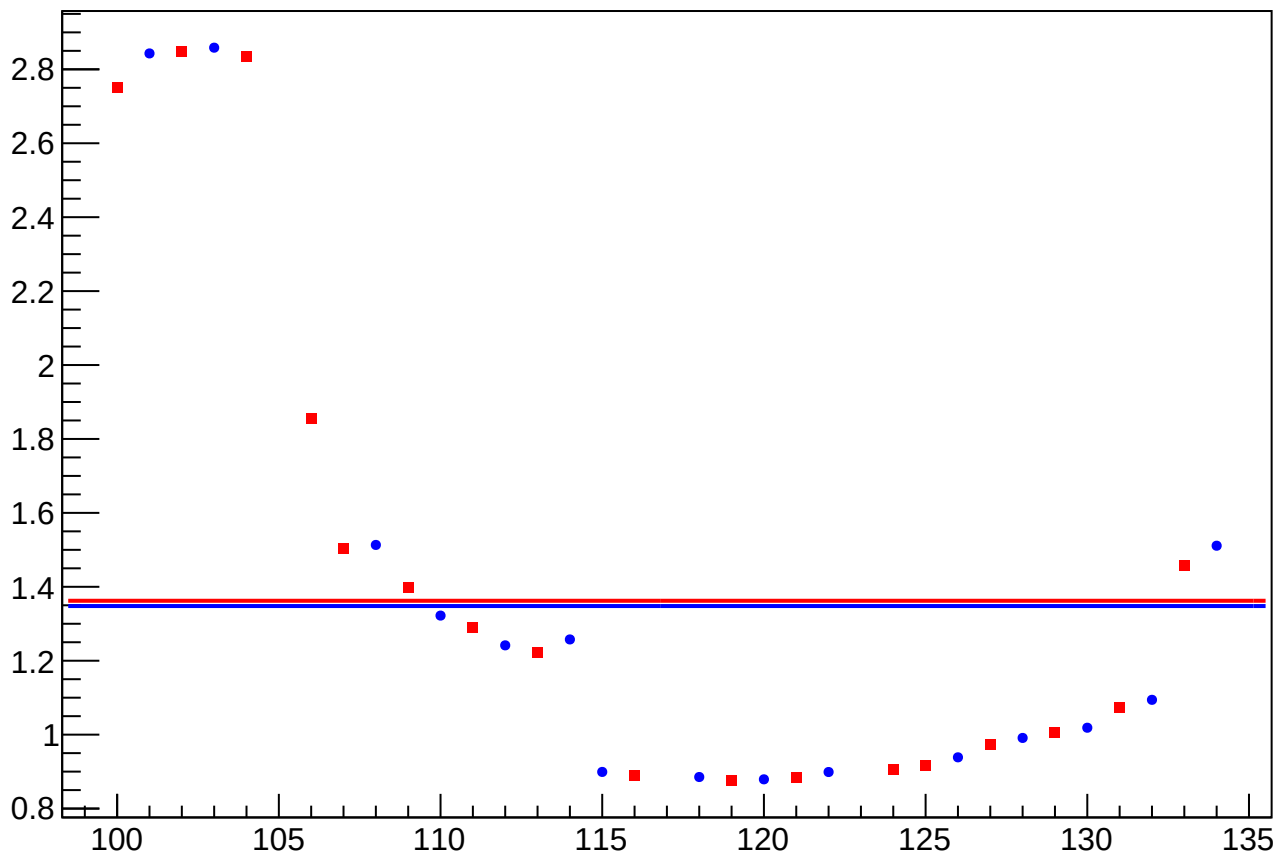
Right: 0.007+/-0.000 χ^2/NDF : 364209.2/31

In: 0.007+/-0.000 χ^2/NDF :204027.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 364209.2/31

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.348+/-0.000 χ^2/NDF : 56177230026.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.362+/-0.000 χ^2/NDF : 53352600863.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

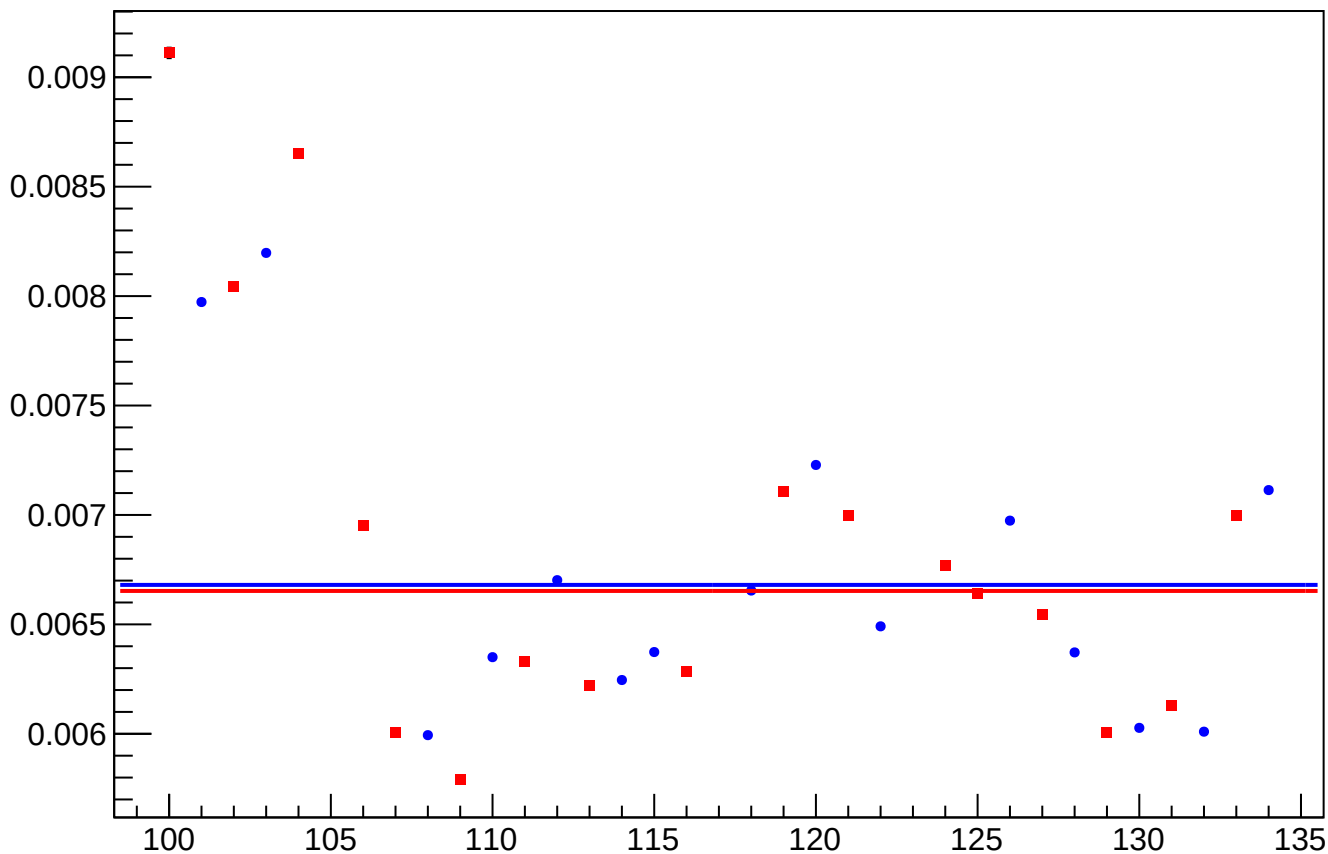
Right: 1.355+/-0.000 χ^2/NDF : 109544661522.1/31

In: 1.348+/-0.000 χ^2/NDF : 56177230026.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.355+/-0.000 χ^2/NDF : 109544661522.1

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 124161.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 168737.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

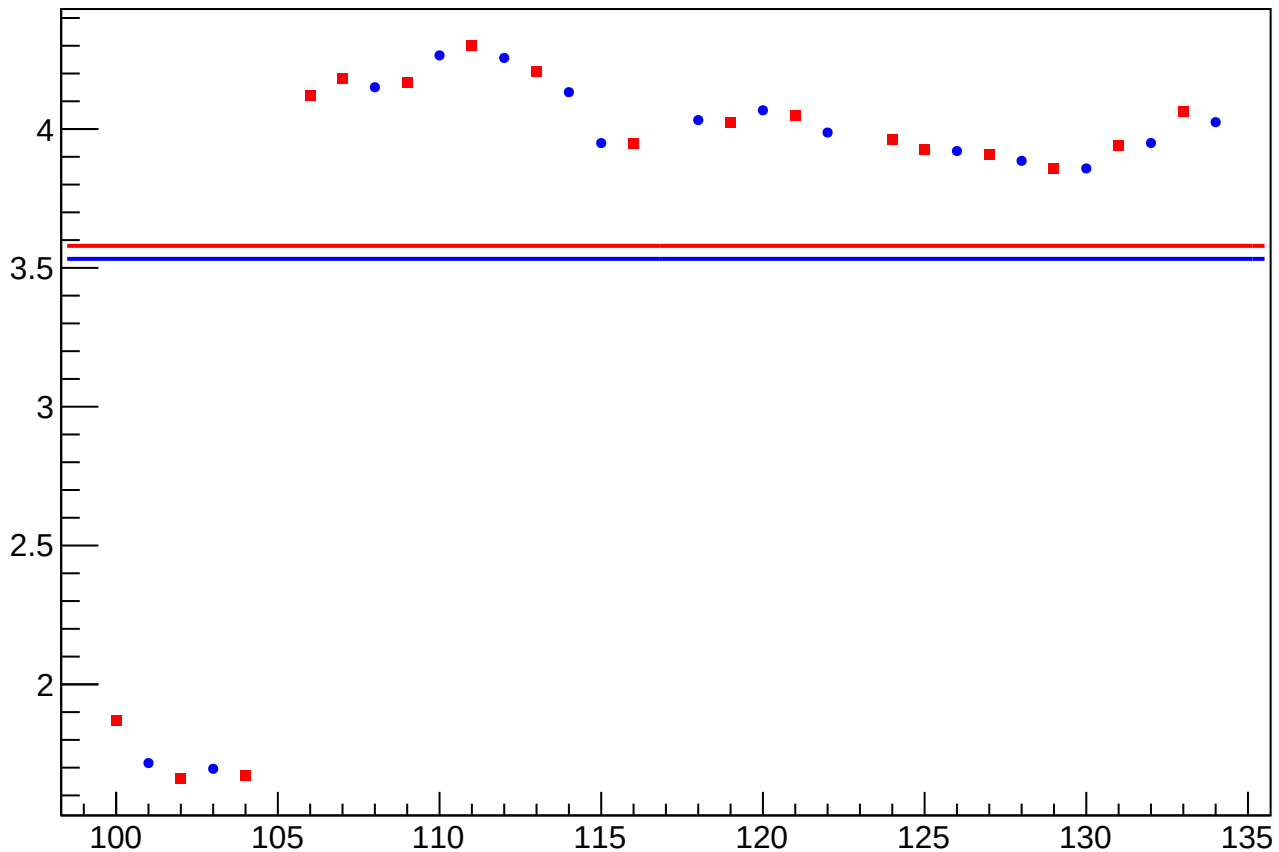
Right: 0.007+/-0.000 χ^2/NDF : 293008.8/31

In: 0.007+/-0.000 χ^2/NDF : 124161.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 293008.8/31

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.532+/-0.000 χ^2/NDF : 195164030929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.579+/-0.000 χ^2/NDF : 206019599435.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

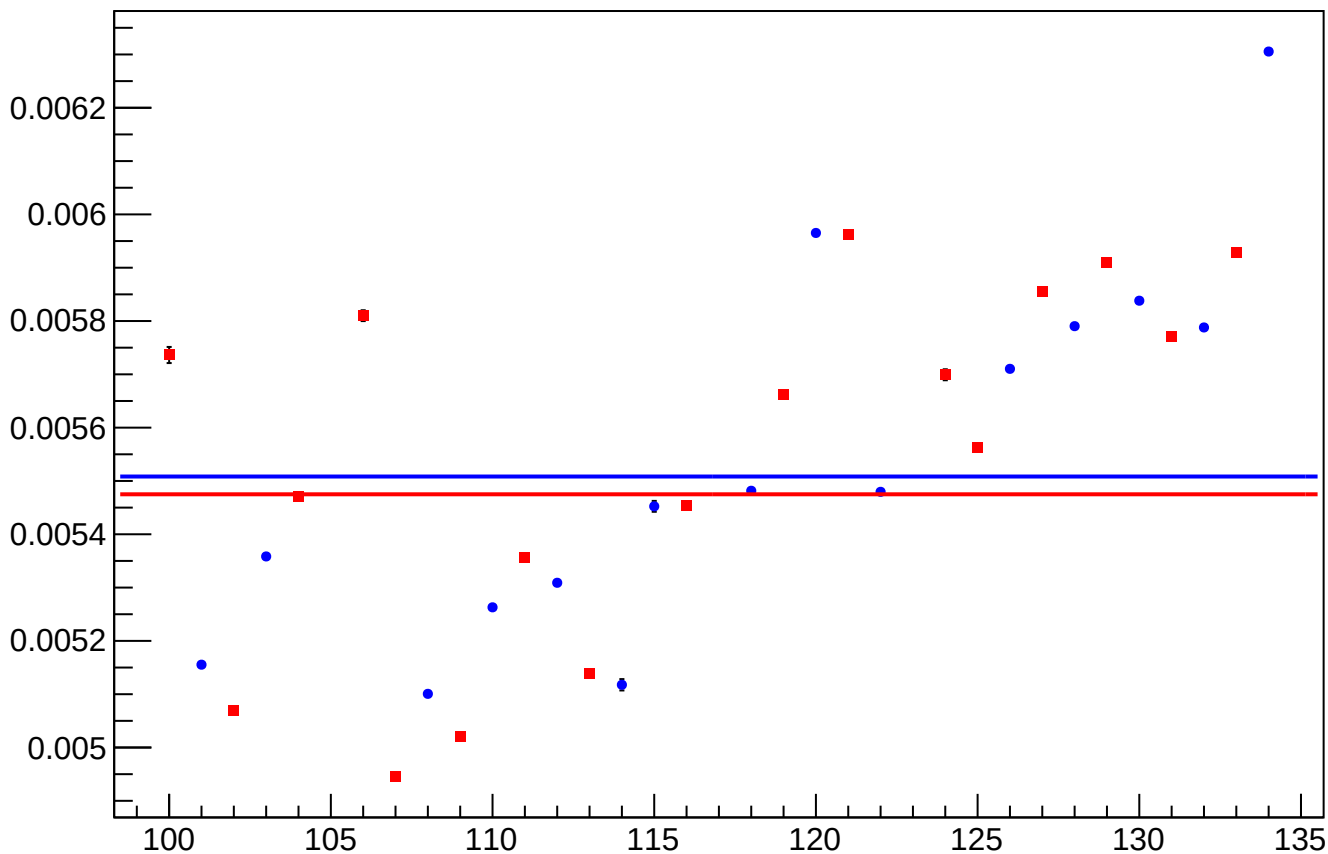
Right: 3.557+/-0.000 χ^2/NDF : 401417974941.8/31

In: 3.532+/-0.000 χ^2/NDF : 195164030929.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.557+/-0.000 χ^2/NDF : 401417974941.8

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 41531.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 52121.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

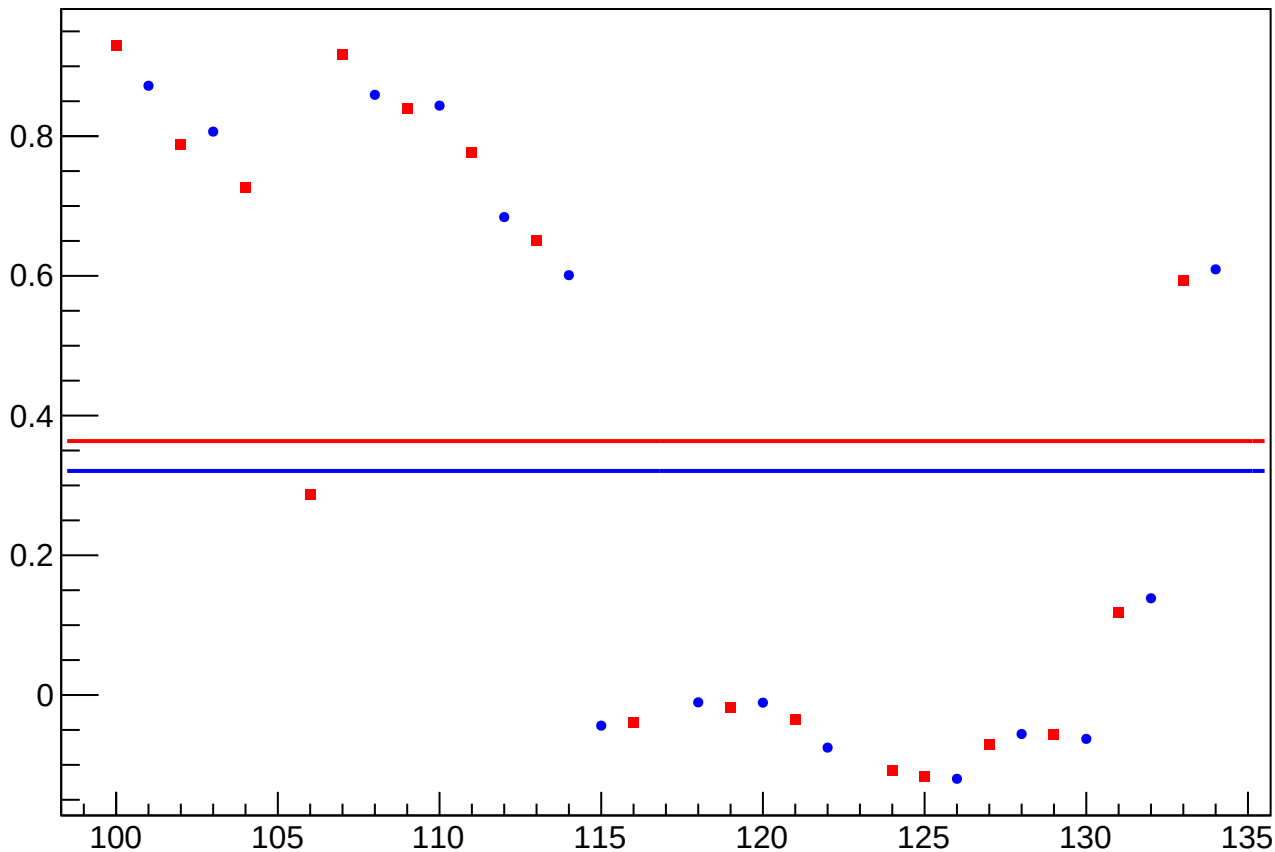
Right: 0.005+/-0.000 χ^2/NDF : 93889.9/31

In: 0.006+/-0.000 χ^2/NDF :41531.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 93889.9/31

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.321+/-0.000 χ^2/NDF : 5301705084.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.364+/-0.000 χ^2/NDF : 5212612679.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

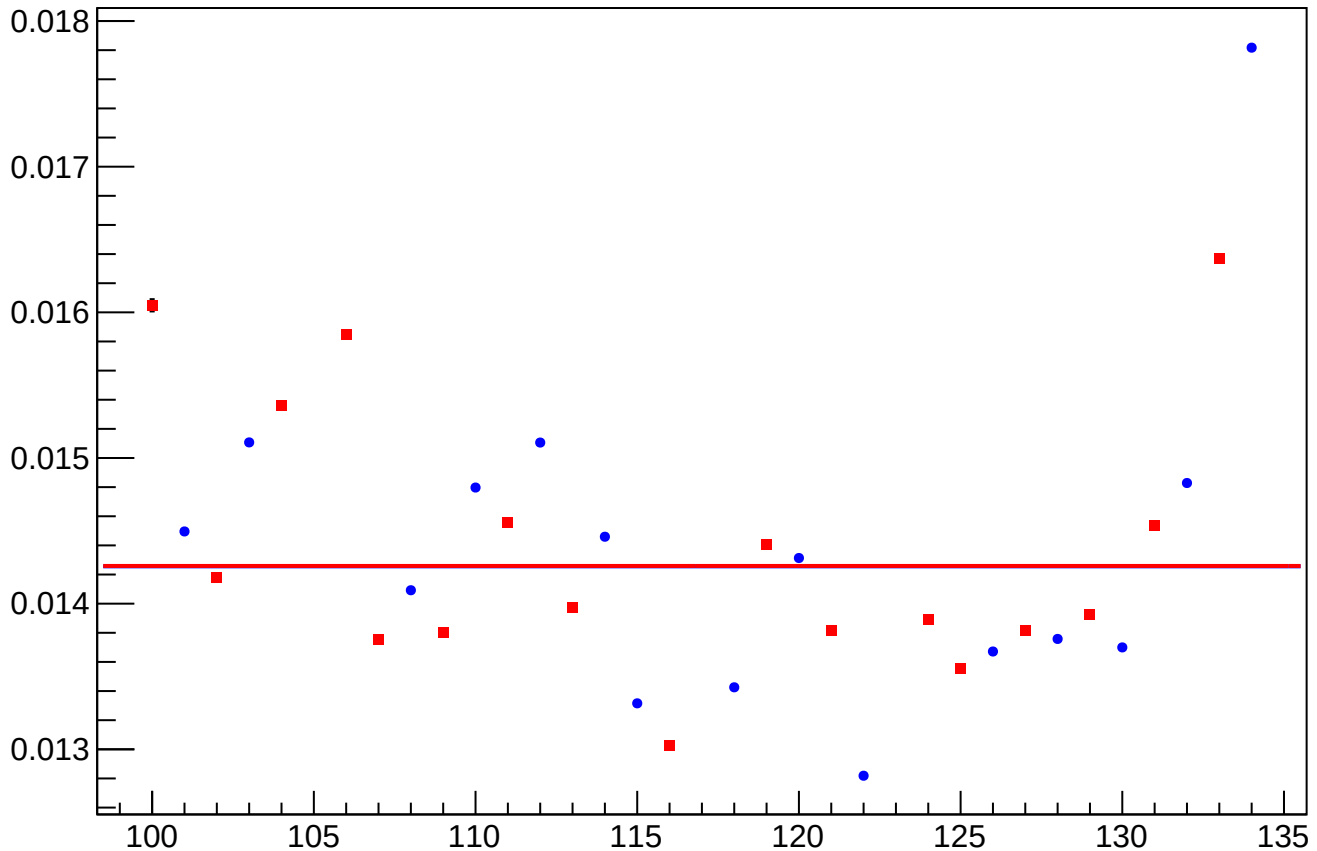
Right: 0.343+/-0.000 χ^2/NDF : 10543176916.9/31

In: 0.321+/-0.000 χ^2/NDF :5301705084.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.343+/-0.000 χ^2/NDF : 10543176916.9/31

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 59916.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 37694.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

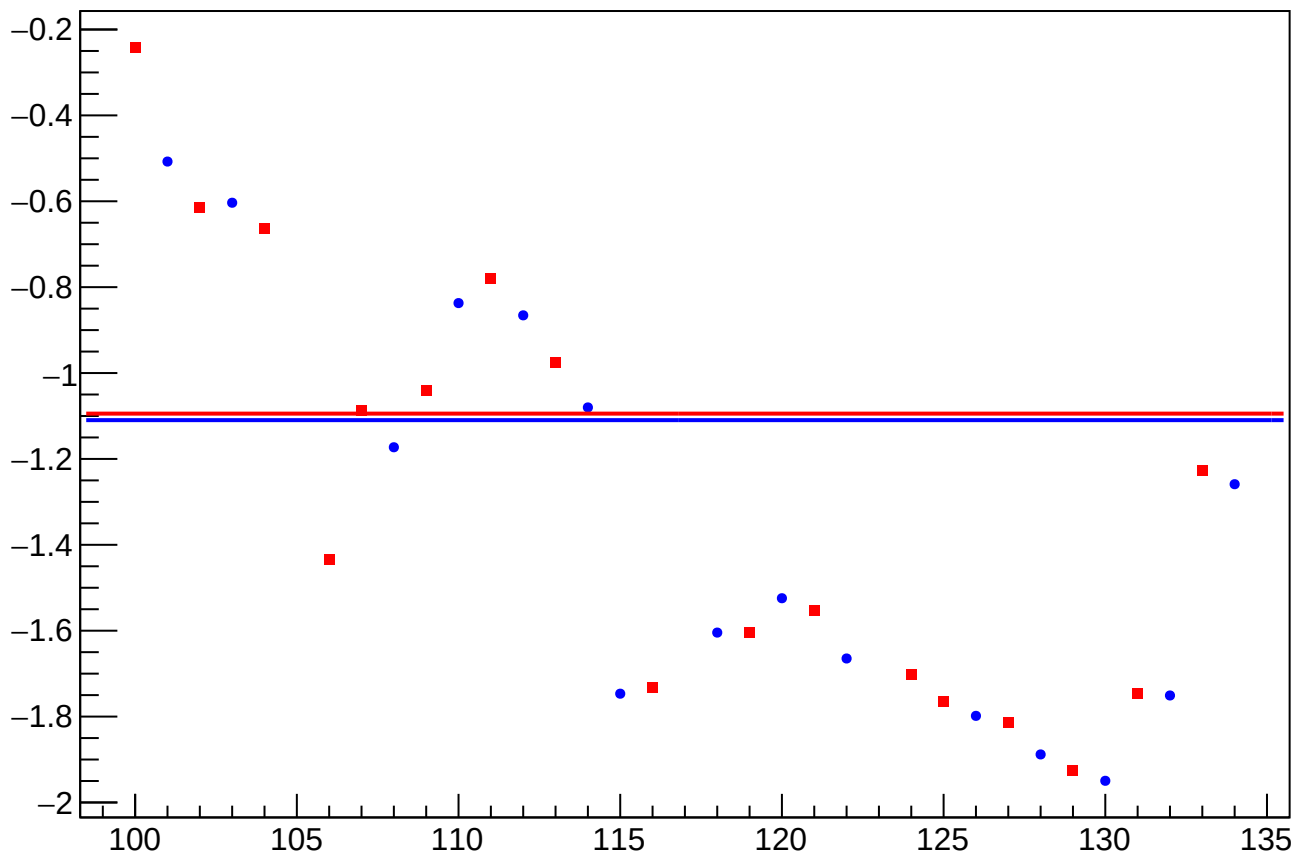
Right: 0.014+/-0.000 χ^2/NDF : 97610.6/31

In: 0.014+/-0.000 χ^2/NDF :59916.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 97610.6/31

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.110+/-0.000 χ^2/NDF : 57350387414.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.094+/-0.000 χ^2/NDF : 46853446434.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

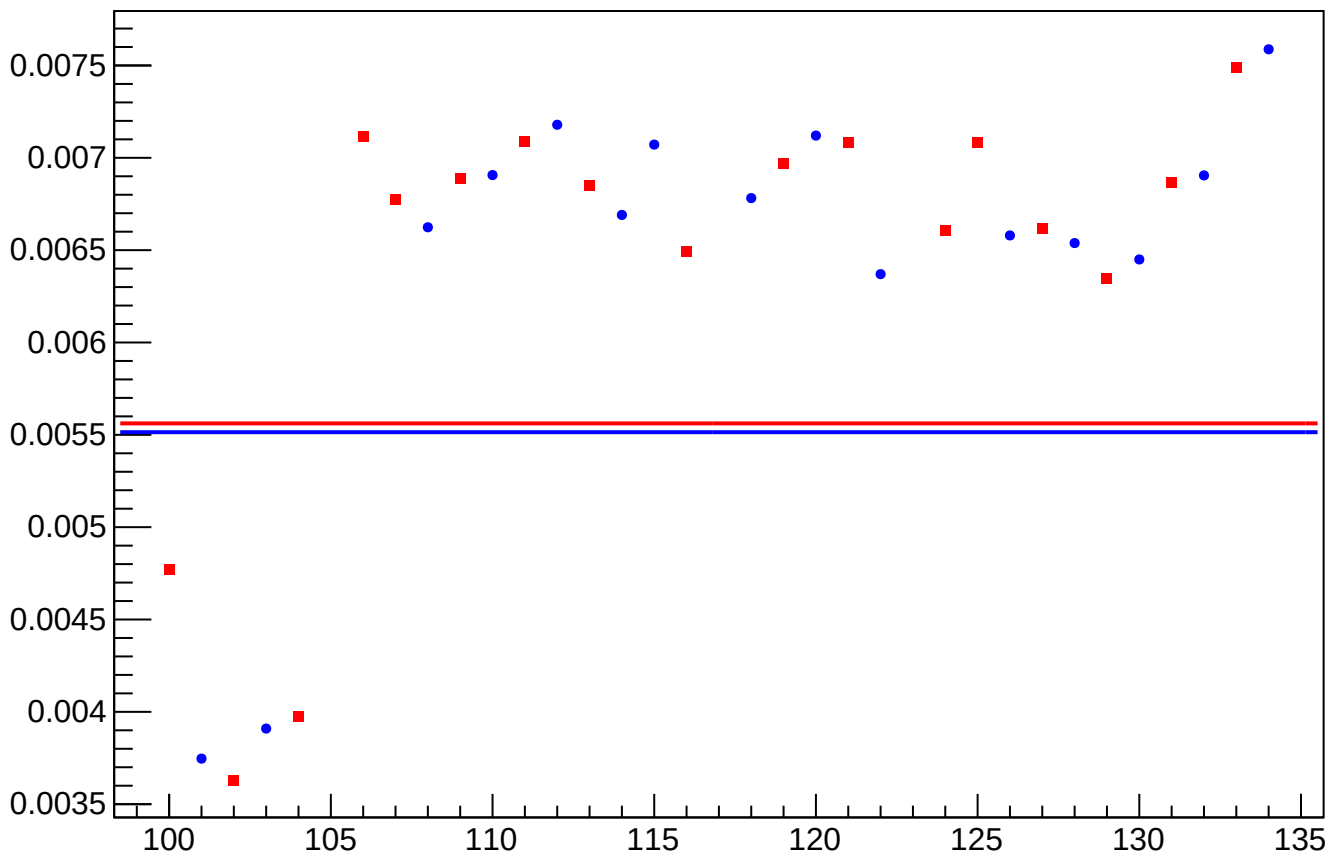
Right: -1.102+/-0.000 χ^2/NDF : 104225277743.1/31

In: -1.110+/-0.000 χ^2/NDF :57350387414.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.102+/-0.000 χ^2/NDF : 104225277743.1

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 807727.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 892670.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

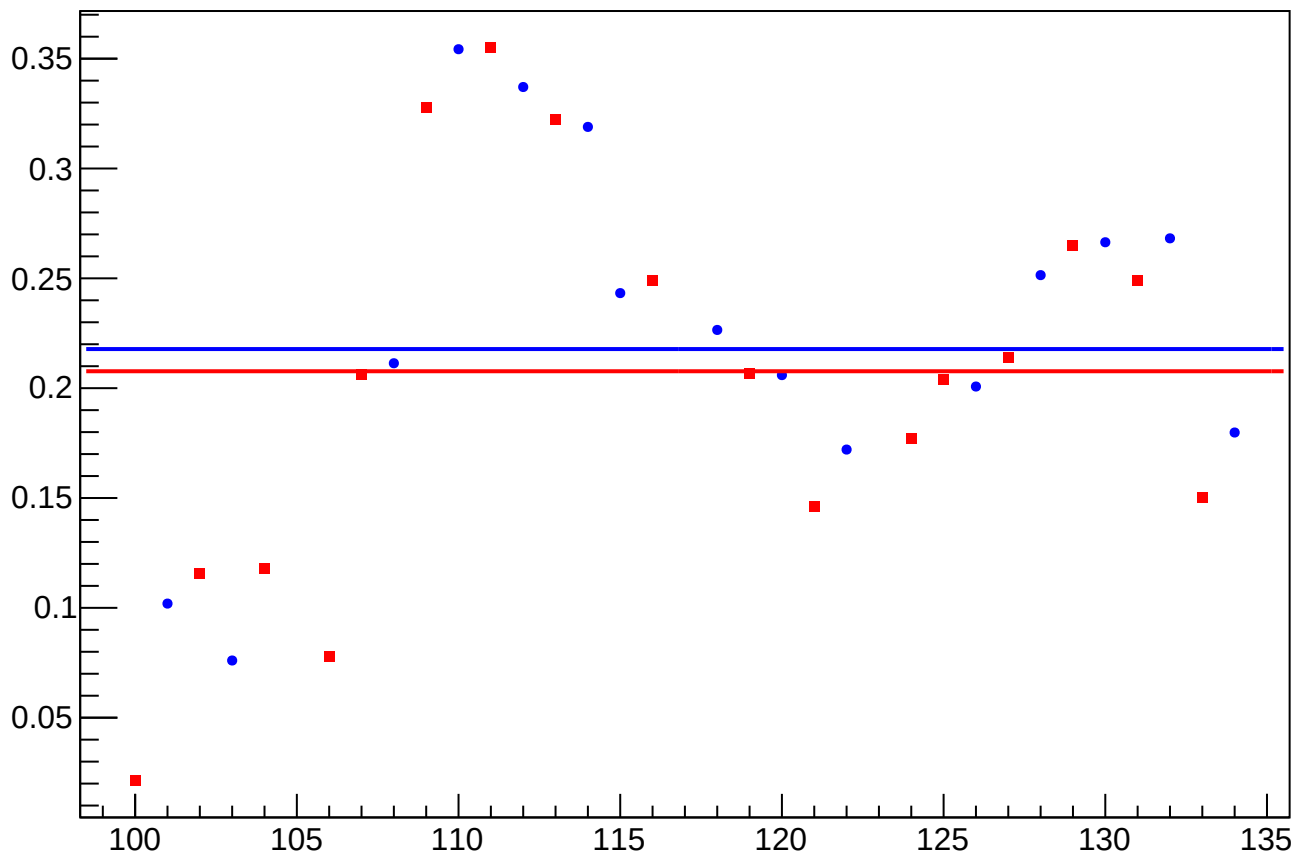
Right: 0.006+/-0.000 χ^2/NDF : 1700820.0/31

In: 0.006+/-0.000 χ^2/NDF :807727.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1700820.0/31

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.218+/-0.000 χ^2/NDF : 16660806546.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.208+/-0.000 χ^2/NDF : 21931386206.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

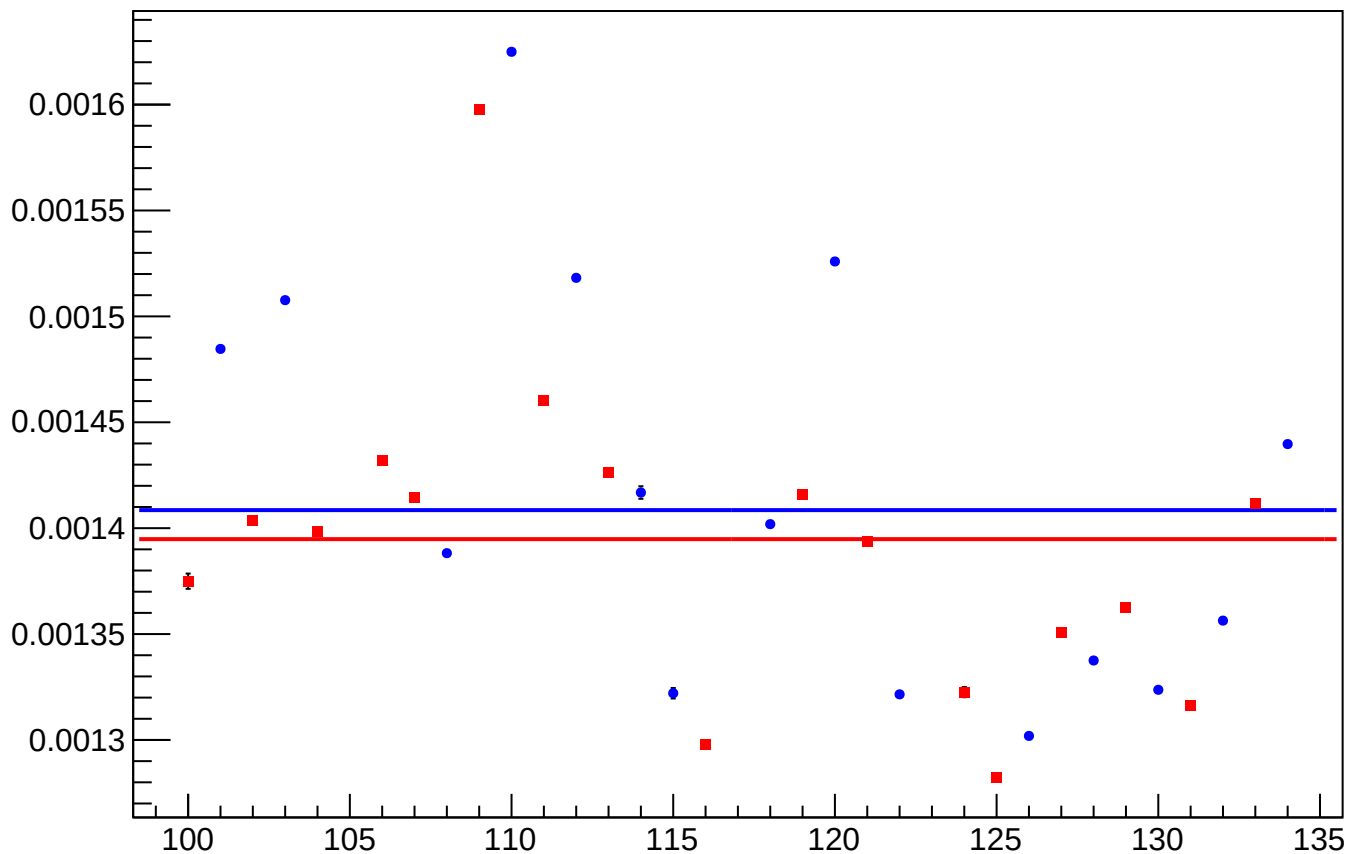
Right: 0.212+/-0.000 χ^2/NDF : 38756434215.5/31

In: 0.218+/-0.000 χ^2/NDF :16660806546.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.212+/-0.000 χ^2/NDF : 38756434215.5/31

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 47949.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 33093.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

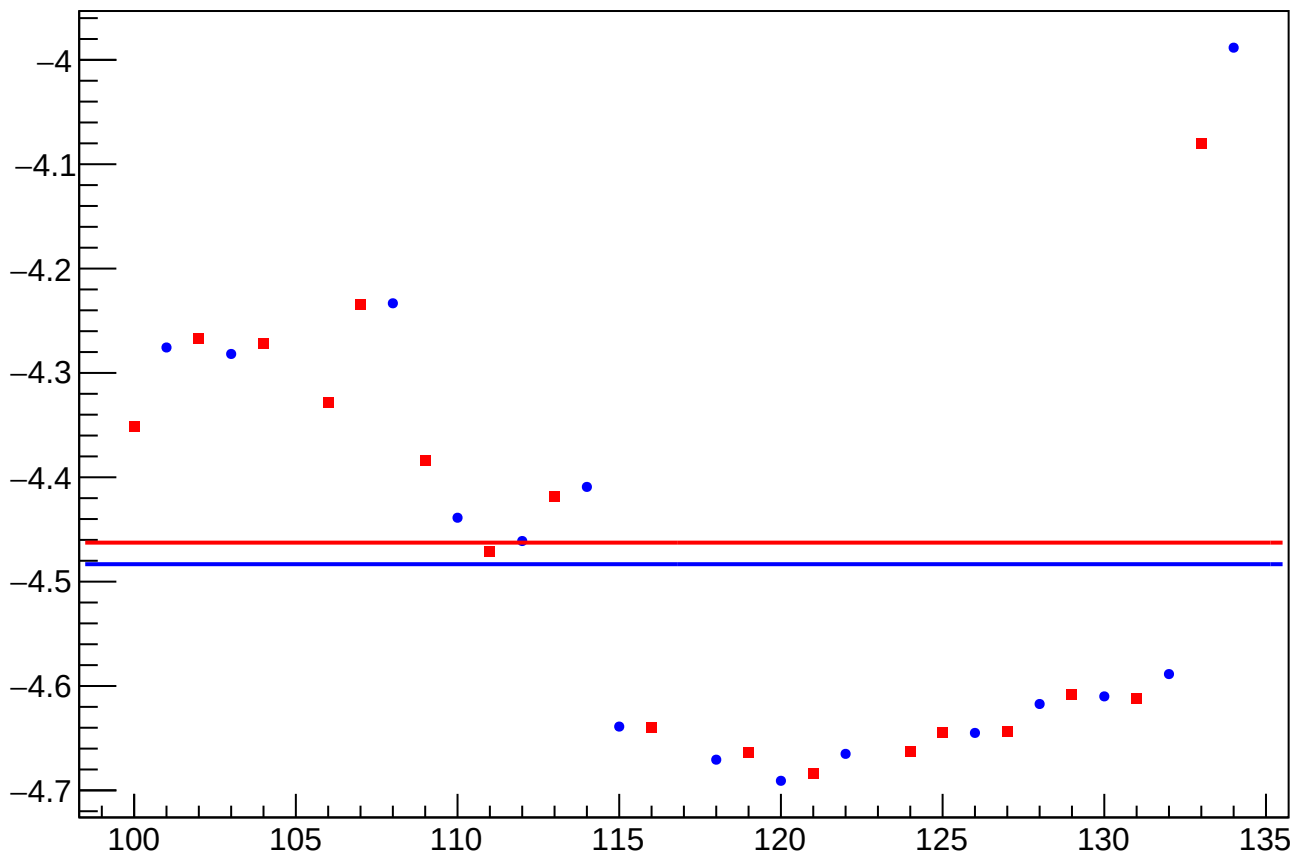
Right: 0.001+/-0.000 χ^2/NDF : 81646.2/31

In: 0.001+/-0.000 χ^2/NDF :47949.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 81646.2/31

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.483+/-0.000 χ^2/NDF : 88331258164.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.463+/-0.000 χ^2/NDF : 84441088890.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

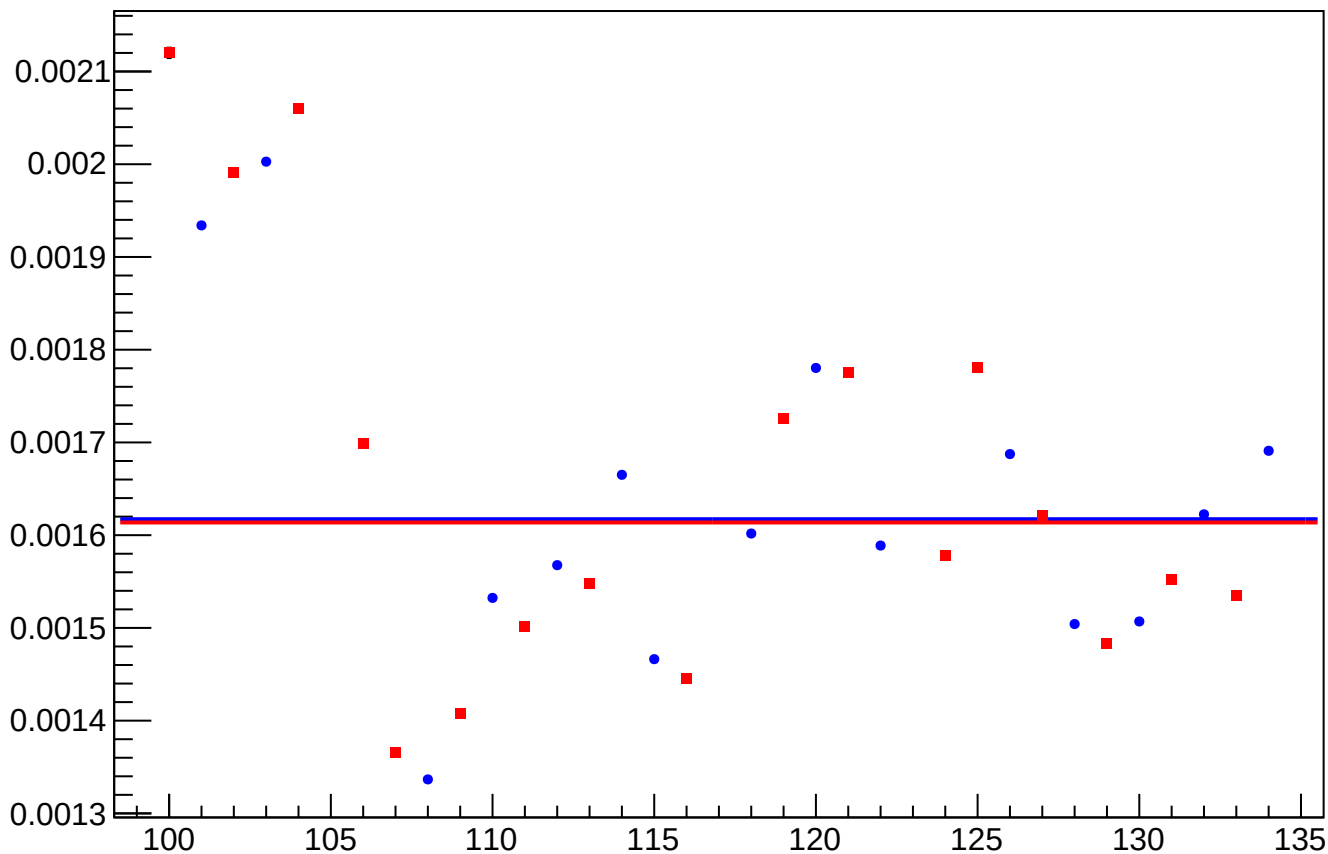
Right: -4.473+/-0.000 χ^2/NDF : 173281927994.8/31

In: -4.483+/-0.000 χ^2/NDF :88331258164.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.473+/-0.000 χ^2/NDF : 173281927994.8

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 139861.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 183200.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

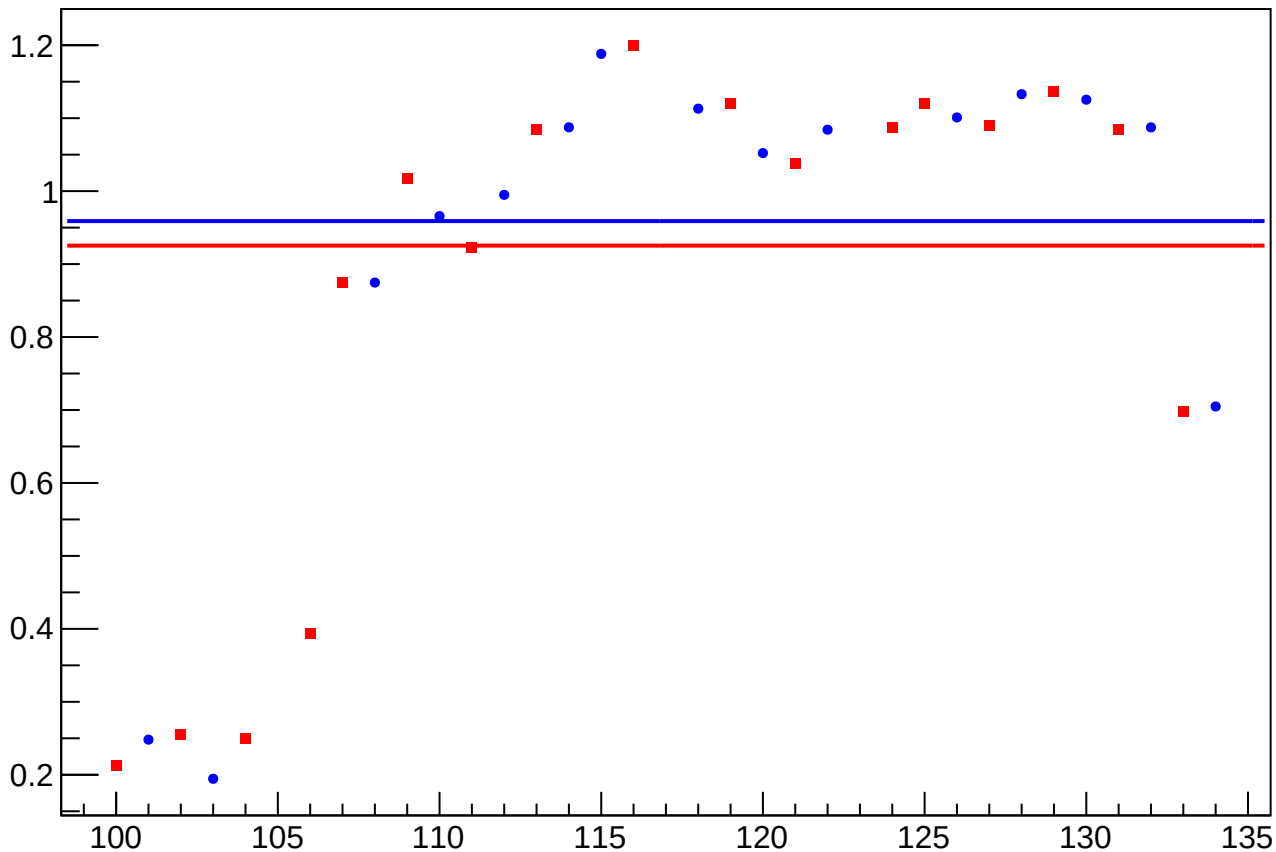
Right: 0.002+/-0.000 χ^2/NDF : 323091.4/31

In: 0.002+/-0.000 χ^2/NDF :139861.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 323091.4/31

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.959+/-0.000 χ^2/NDF : 11720850146.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.925+/-0.000 χ^2/NDF : 14720365651.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

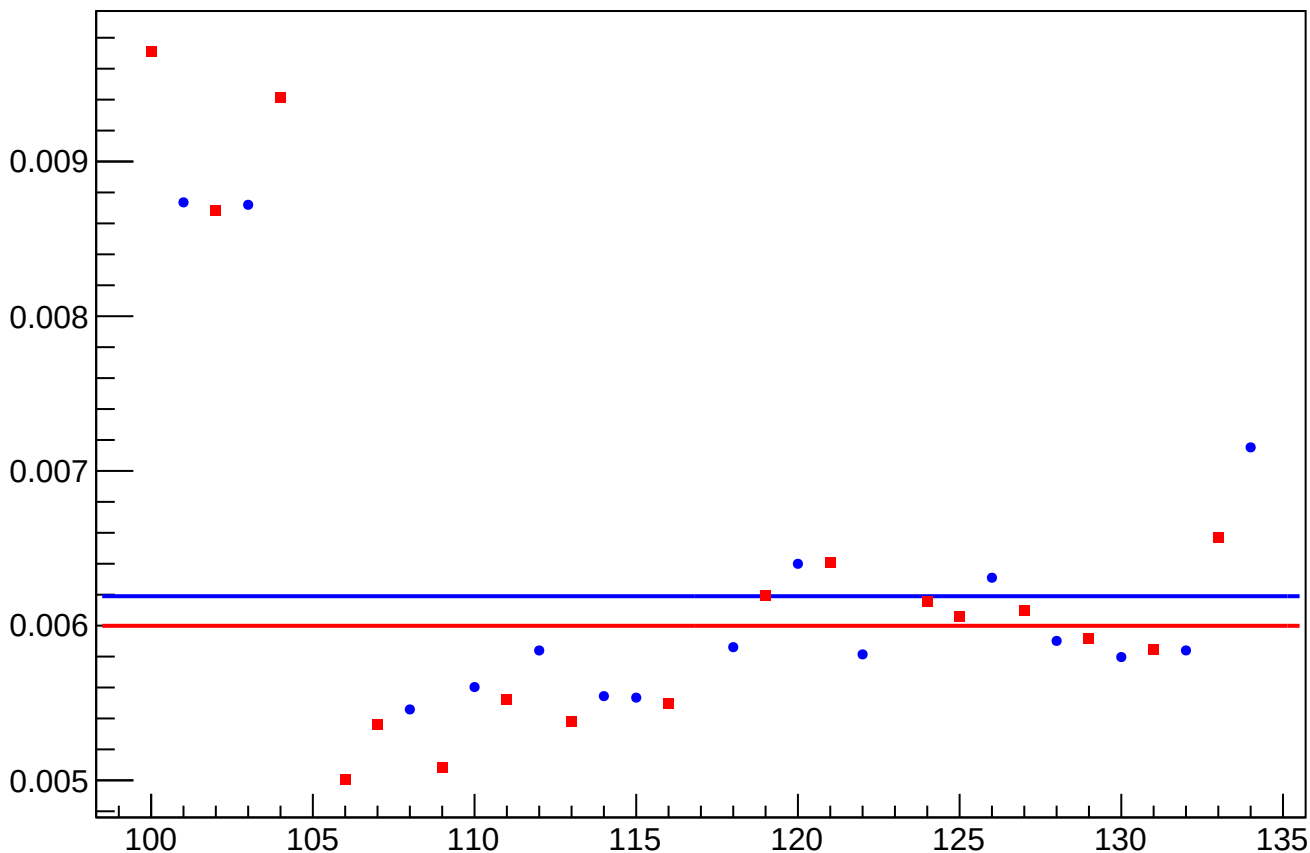
Right: 0.941+/-0.000 χ^2/NDF : 26538070147.5/31

In: 0.959+/-0.000 χ^2/NDF :11720850146.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.941+/-0.000 χ^2/NDF : 26538070147.5/31

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 276179.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 385311.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

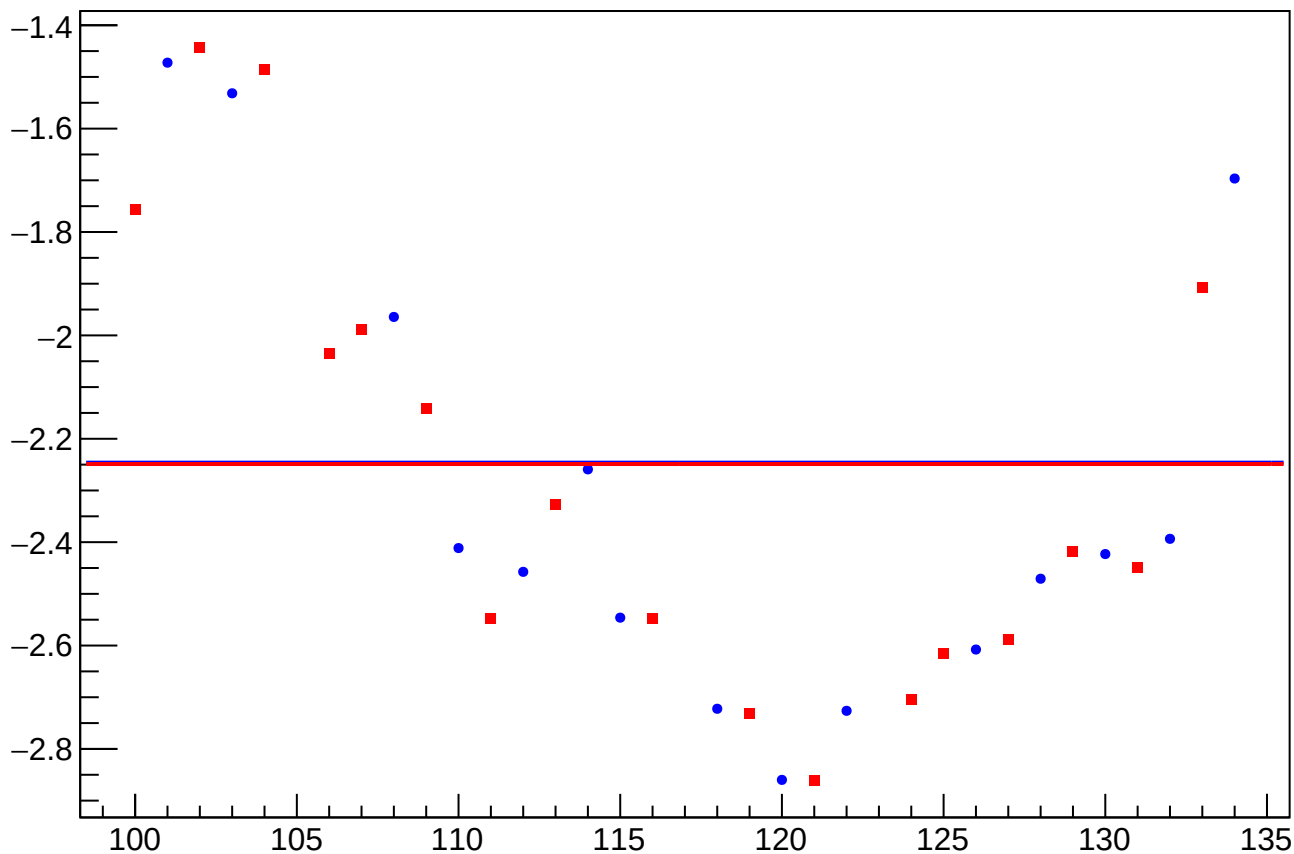
Right: 0.006+/-0.000 χ^2/NDF : 667752.1/31

In: 0.006+/-0.000 χ^2/NDF :276179.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 667752.1/31

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.246+/-0.000 χ^2/NDF : 40421672733.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.249+/-0.000 χ^2/NDF : 39691175275.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

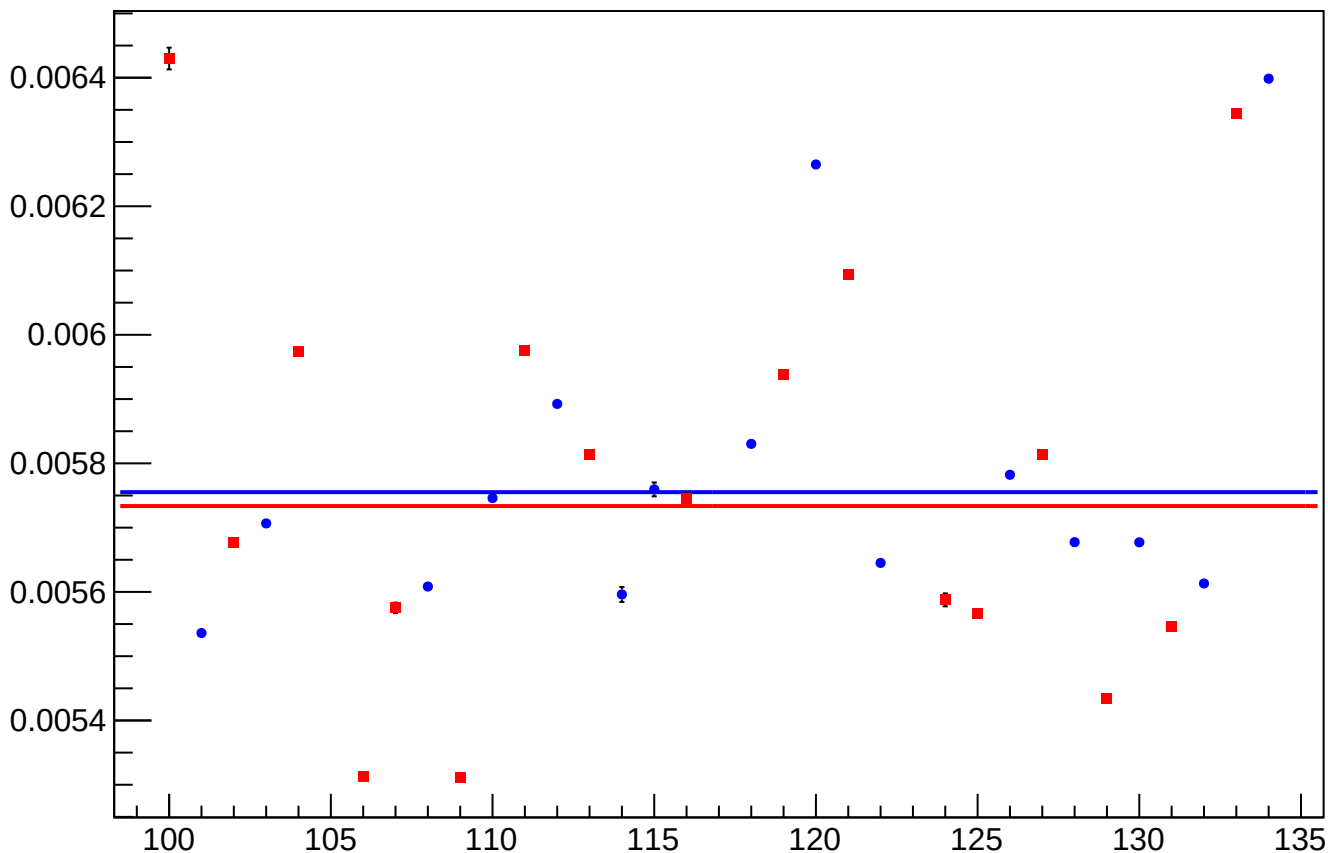
Right: -2.248+/-0.000 χ^2/NDF : 80113544993.8/31

In: -2.246+/-0.000 χ^2/NDF :40421672733.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.248+/-0.000 χ^2/NDF : 80113544993.8/31

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 17123.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 33586.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

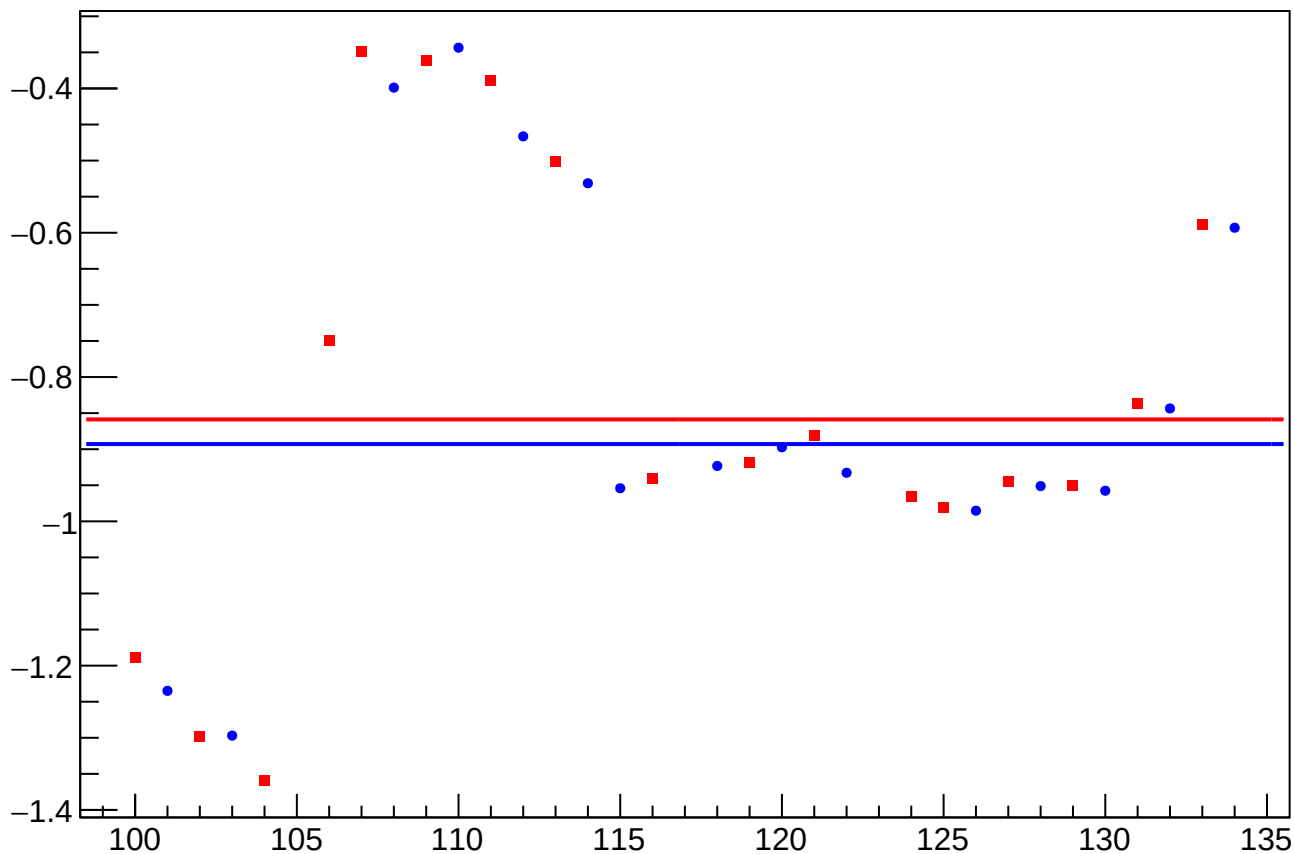
Right: 0.006+/-0.000 χ^2/NDF : 50802.3/31

In: 0.006+/-0.000 χ^2/NDF : 17123.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 50802.3/31

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.893+/-0.000 χ^2/NDF : 4362305953.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.859+/-0.000 χ^2/NDF : 5983103387.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

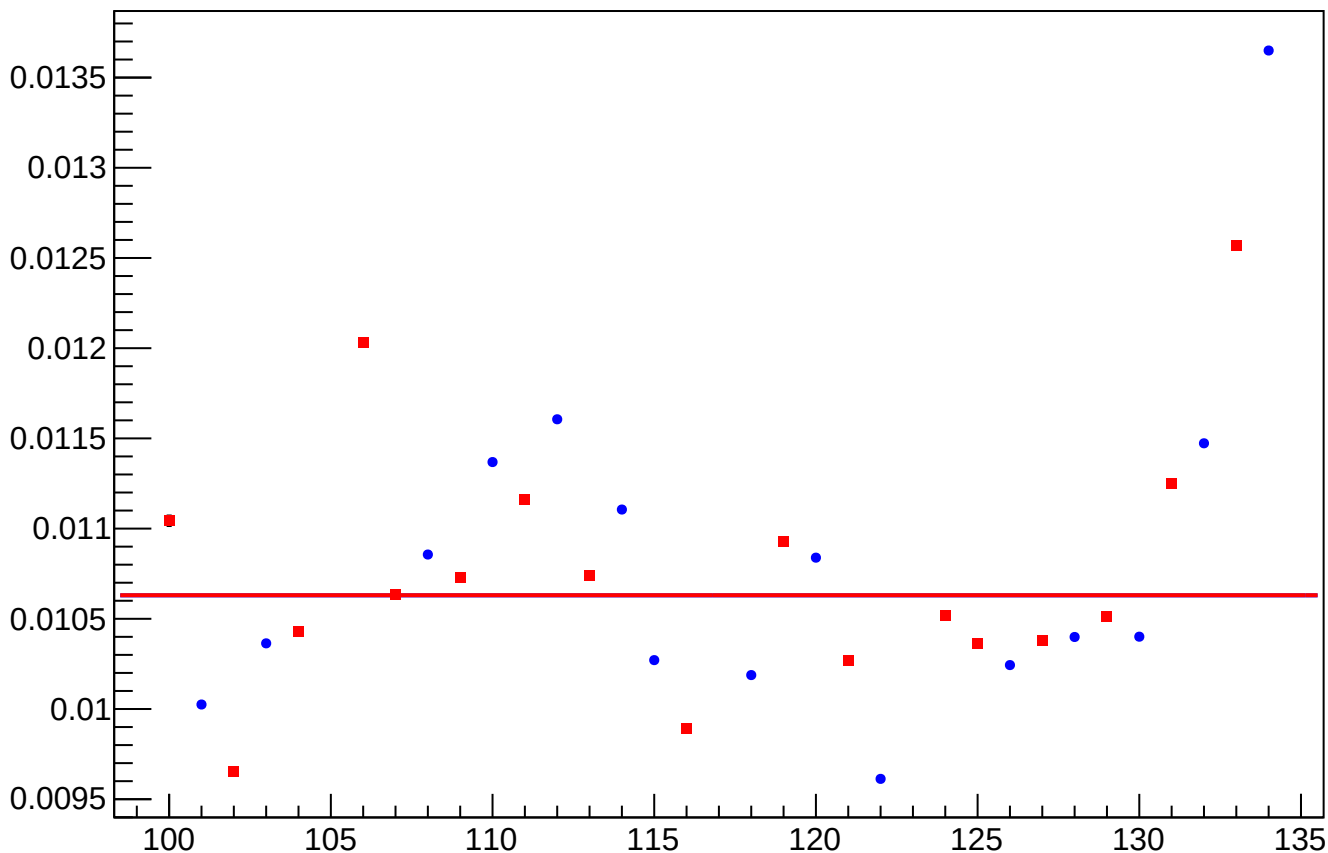
Right: -0.875+/-0.000 χ^2/NDF : 10378333897.2/31

In: -0.893+/-0.000 χ^2/NDF :4362305953.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.875+/-0.000 χ^2/NDF : 10378333897.2/31

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 71246.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 50577.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

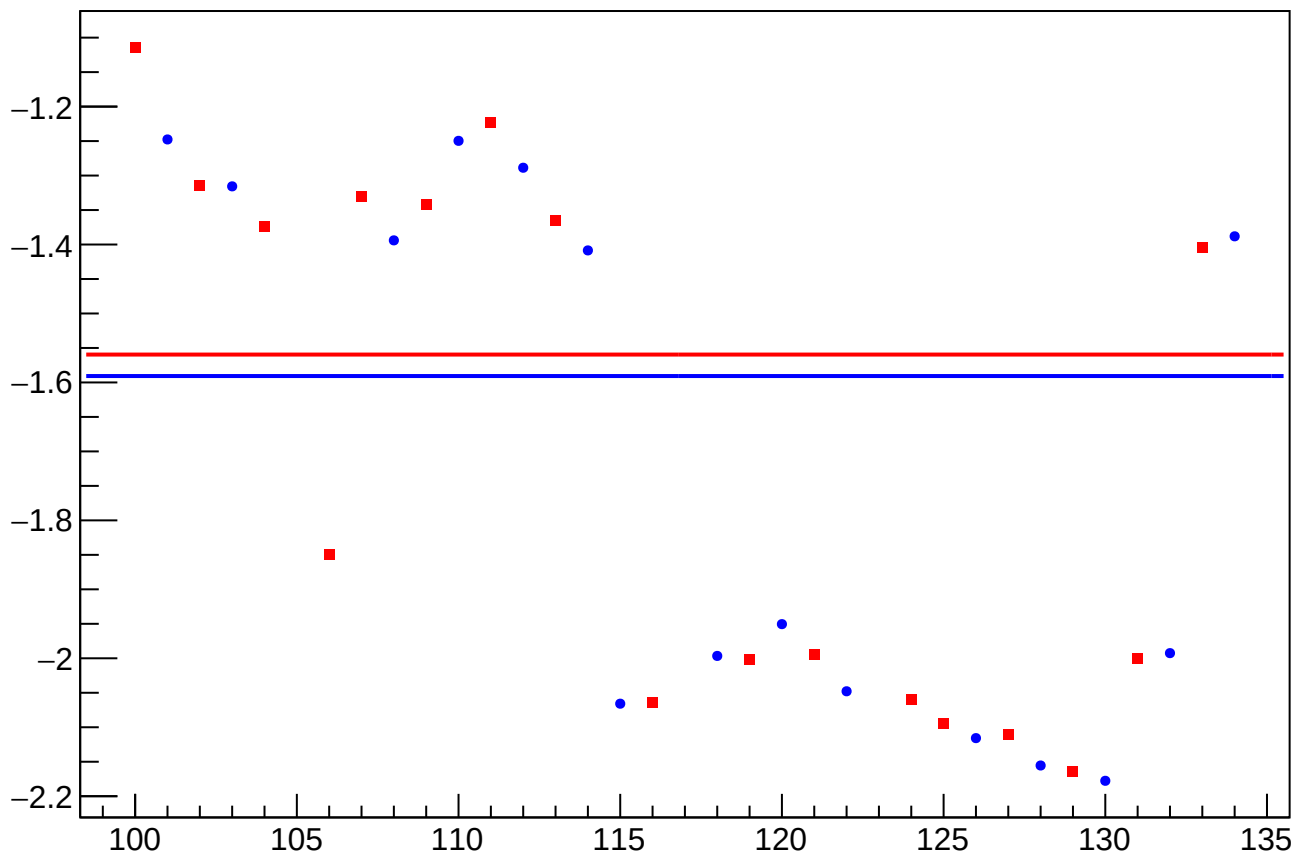
Right: 0.011+/-0.000 χ^2/NDF : 121824.5/31

In: 0.011+/-0.000 χ^2/NDF : 71246.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 121824.5/31

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.591+/-0.000 χ^2/NDF : 128598301798.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.560+/-0.000 χ^2/NDF : 112484946248.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

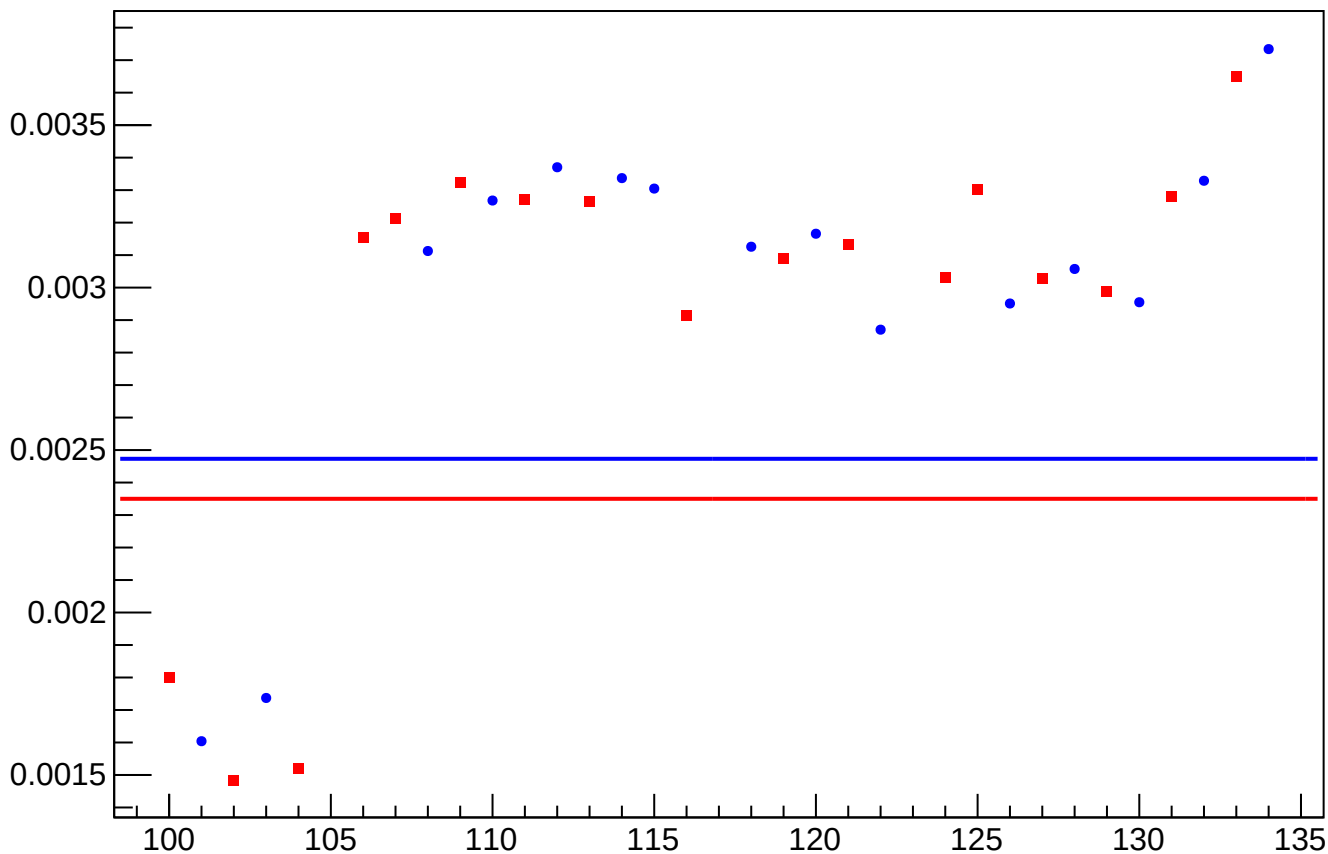
Right: -1.574+/-0.000 χ^2/NDF : 241527103073.4/31

In: -1.591+/-0.000 χ^2/NDF : 128598301798.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.574+/-0.000 χ^2/NDF : 241527103073.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 992120.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1389146.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

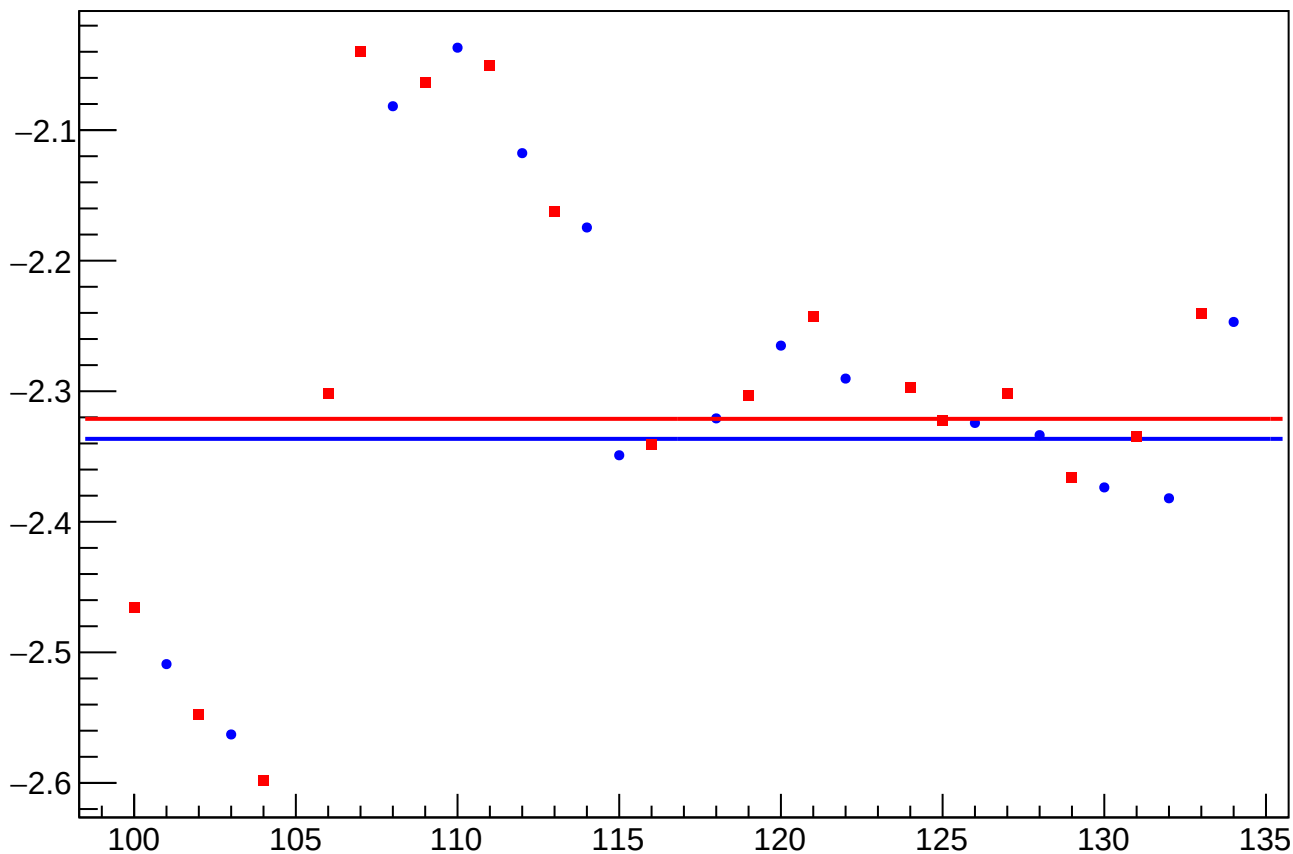
Right: 0.002+/-0.000 χ^2/NDF : 2395145.0/31

In: 0.002+/-0.000 χ^2/NDF :992120.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2395145.0/31

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.336+/-0.000 χ^2/NDF : 3293437004.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.321+/-0.000 χ^2/NDF : 4597503379.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

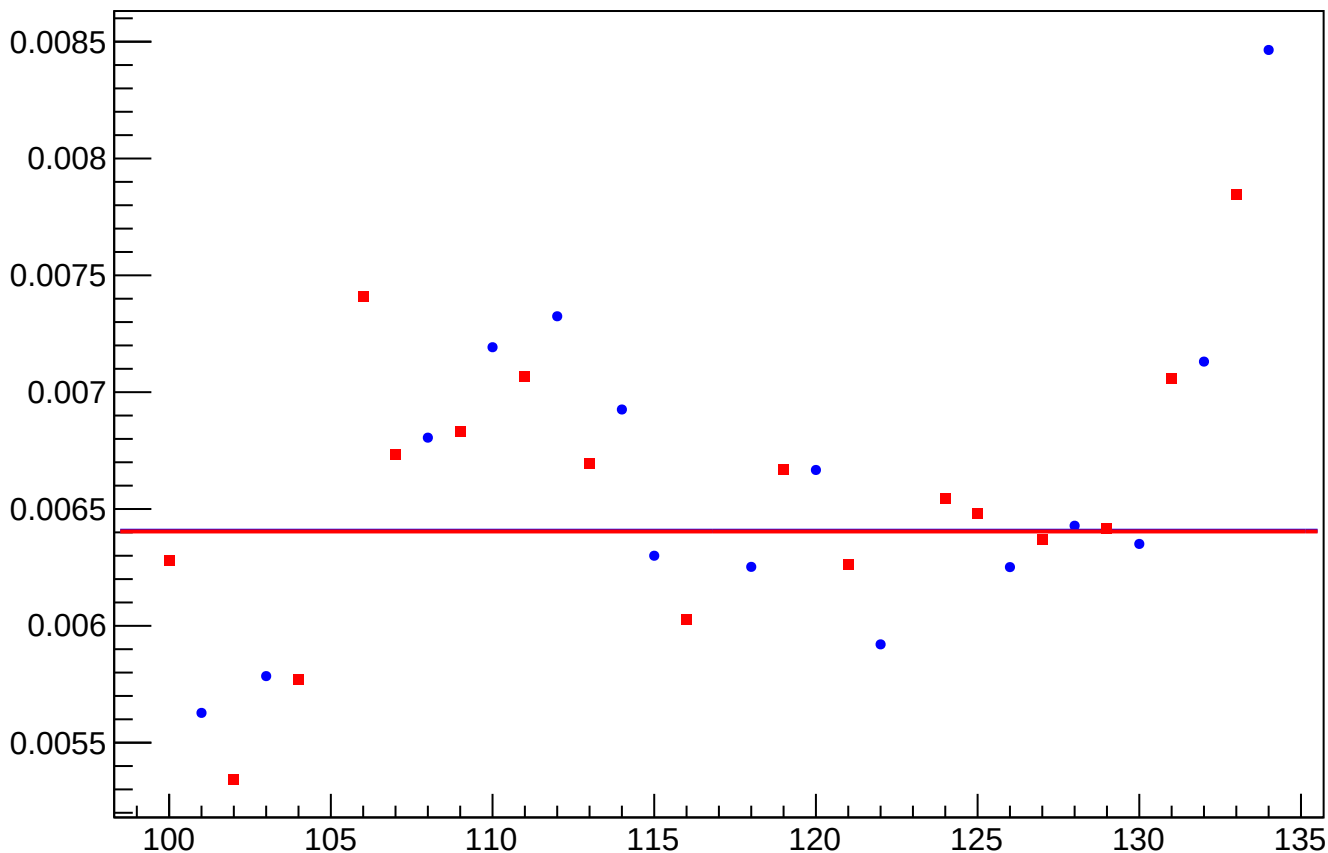
Right: -2.329+/-0.000 χ^2/NDF : 7908875041.5/31

In: -2.336+/-0.000 χ^2/NDF : 3293437004.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.329+/-0.000 χ^2/NDF : 7908875041.5/31

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 126303.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 126085.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

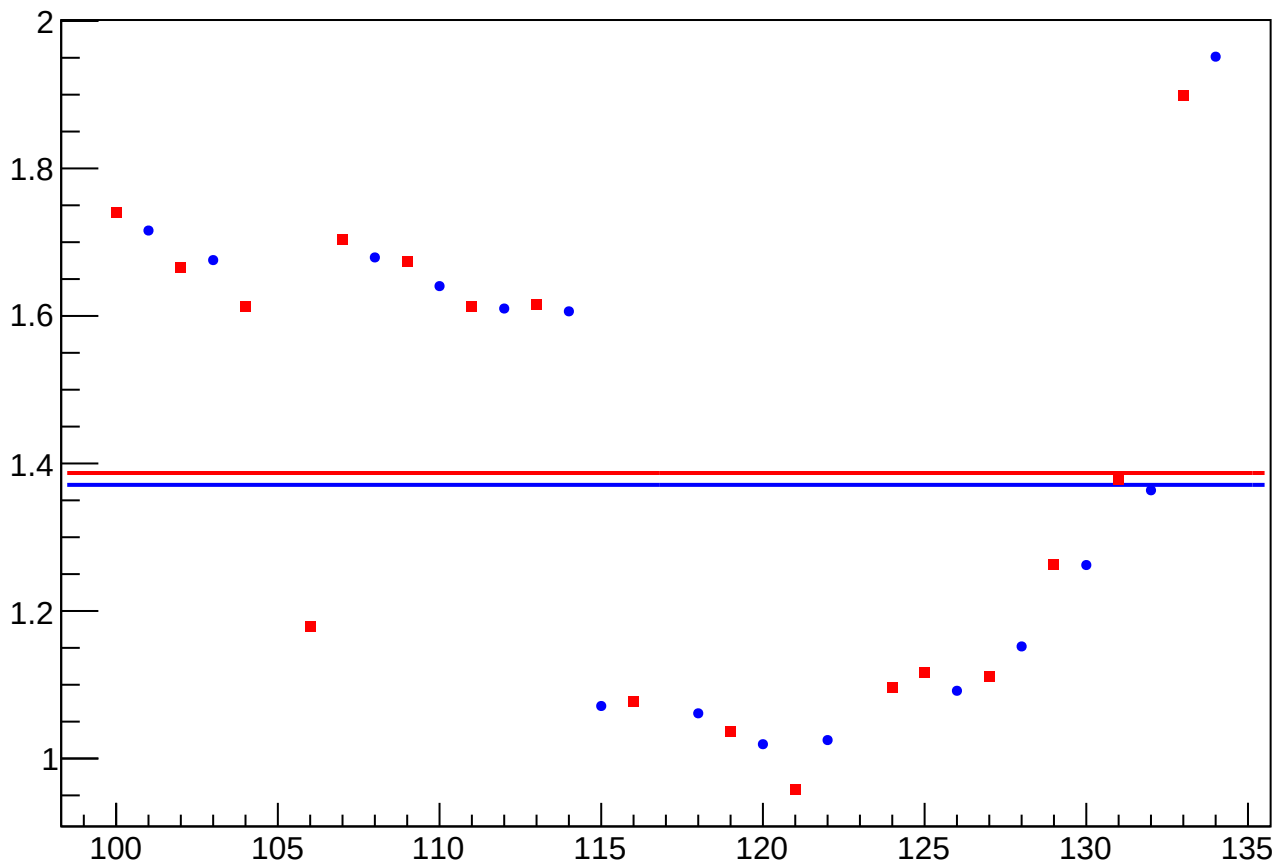
Right: 0.006+/-0.000 χ^2/NDF : 252391.3/31

In: 0.006+/-0.000 χ^2/NDF :126303.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 252391.3/31

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.371+/-0.000 χ^2/NDF : 127624646231.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.387+/-0.000 χ^2/NDF : 128674712986.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

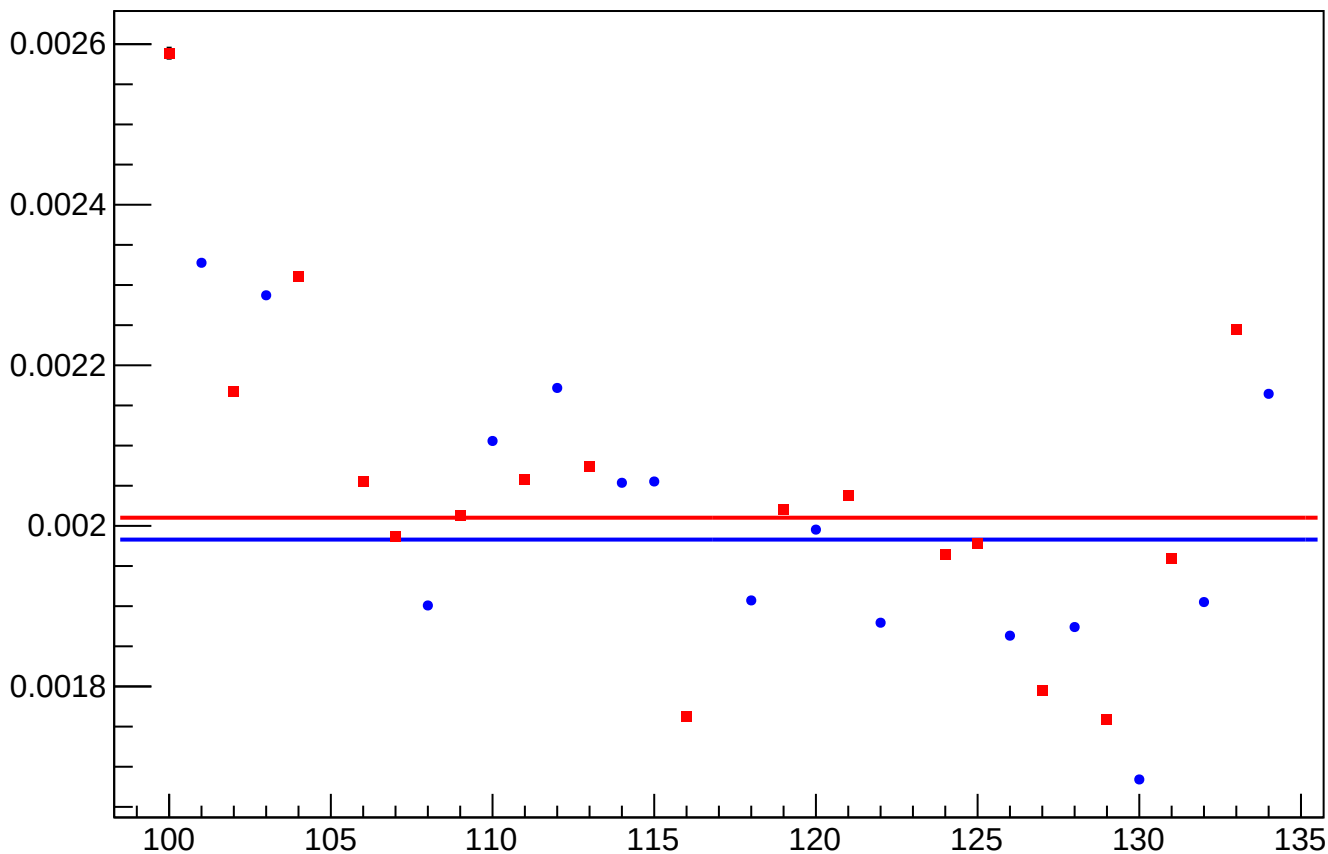
Right: 1.379+/-0.000 χ^2/NDF : 256493365025.0/31

In: 1.371+/-0.000 χ^2/NDF : 127624646231.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.379+/-0.000 χ^2/NDF : 256493365025.0

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 106984.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 81892.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

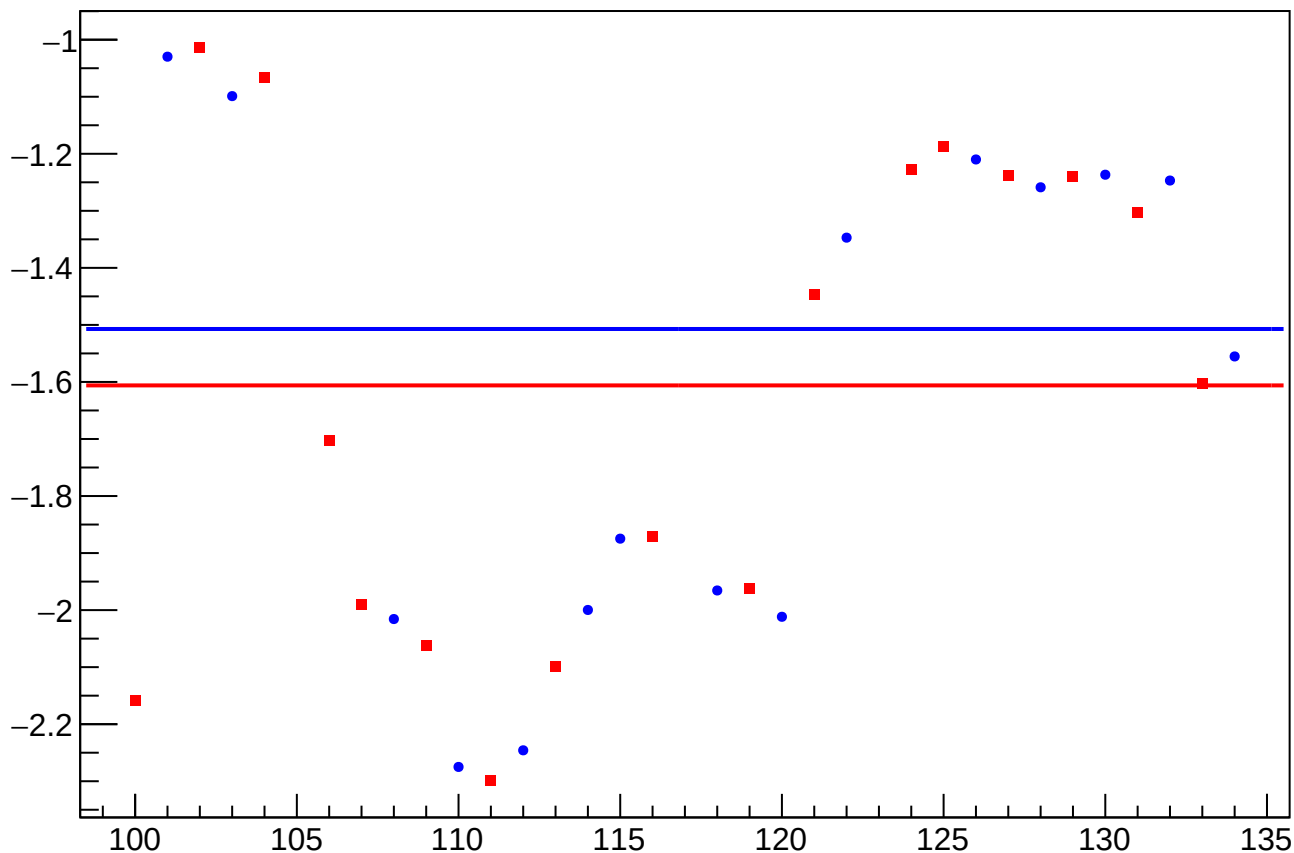
Right: 0.002+/-0.000 χ^2/NDF : 189990.6/31

In: 0.002+/-0.000 χ^2/NDF :106984.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 189990.6/31

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.507+/-0.000 χ^2/NDF : 22854836898.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.606+/-0.000 χ^2/NDF : 28262505207.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

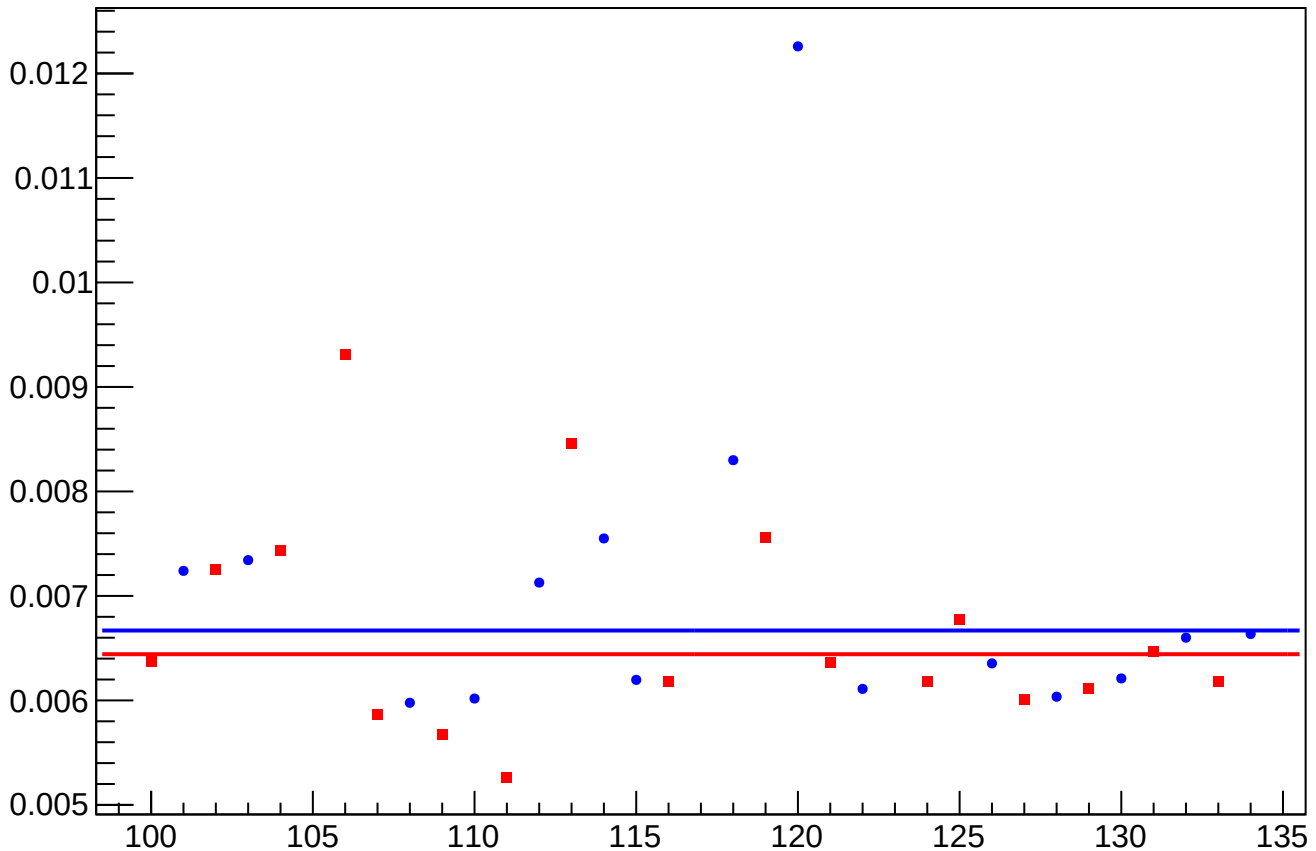
Right: -1.561+/-0.000 χ^2/NDF : 51788119541.7/31

In: -1.507+/-0.000 χ^2/NDF : 22854836898.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.561+/-0.000 χ^2/NDF : 51788119541.7

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 216984.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 222351.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

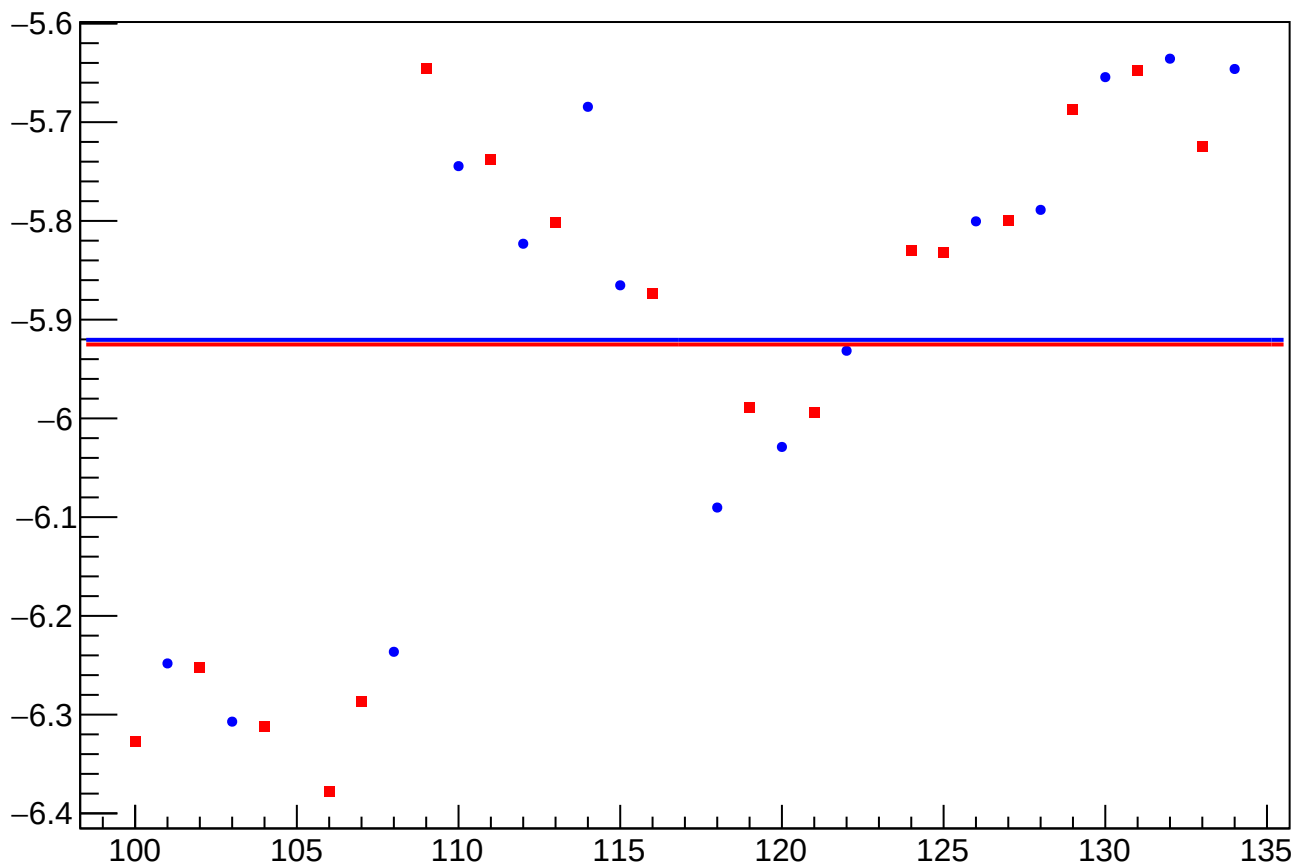
Right: 0.007+/-0.000 χ^2/NDF : 446398.0/31

In: 0.007+/-0.000 χ^2/NDF :216984.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 446398.0/31

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.920+/-0.000 χ^2/NDF : 11739116917.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.925+/-0.000 χ^2/NDF : 12587540658.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

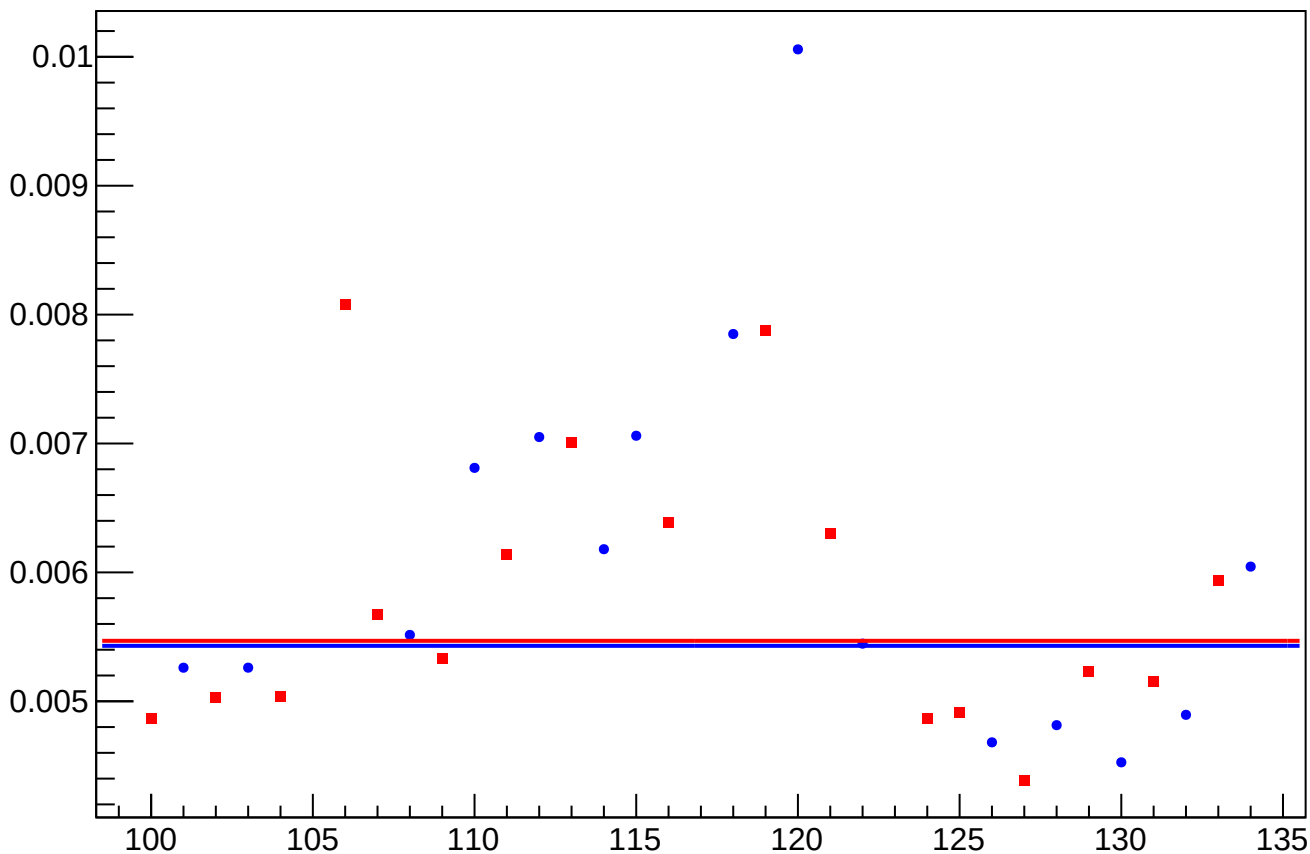
Right: -5.923+/-0.000 χ^2/NDF : 24328784078.9/31

In: -5.920+/-0.000 χ^2/NDF : 11739116917.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.923+/-0.000 χ^2/NDF : 24328784078.9/31

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 385051.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 306123.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

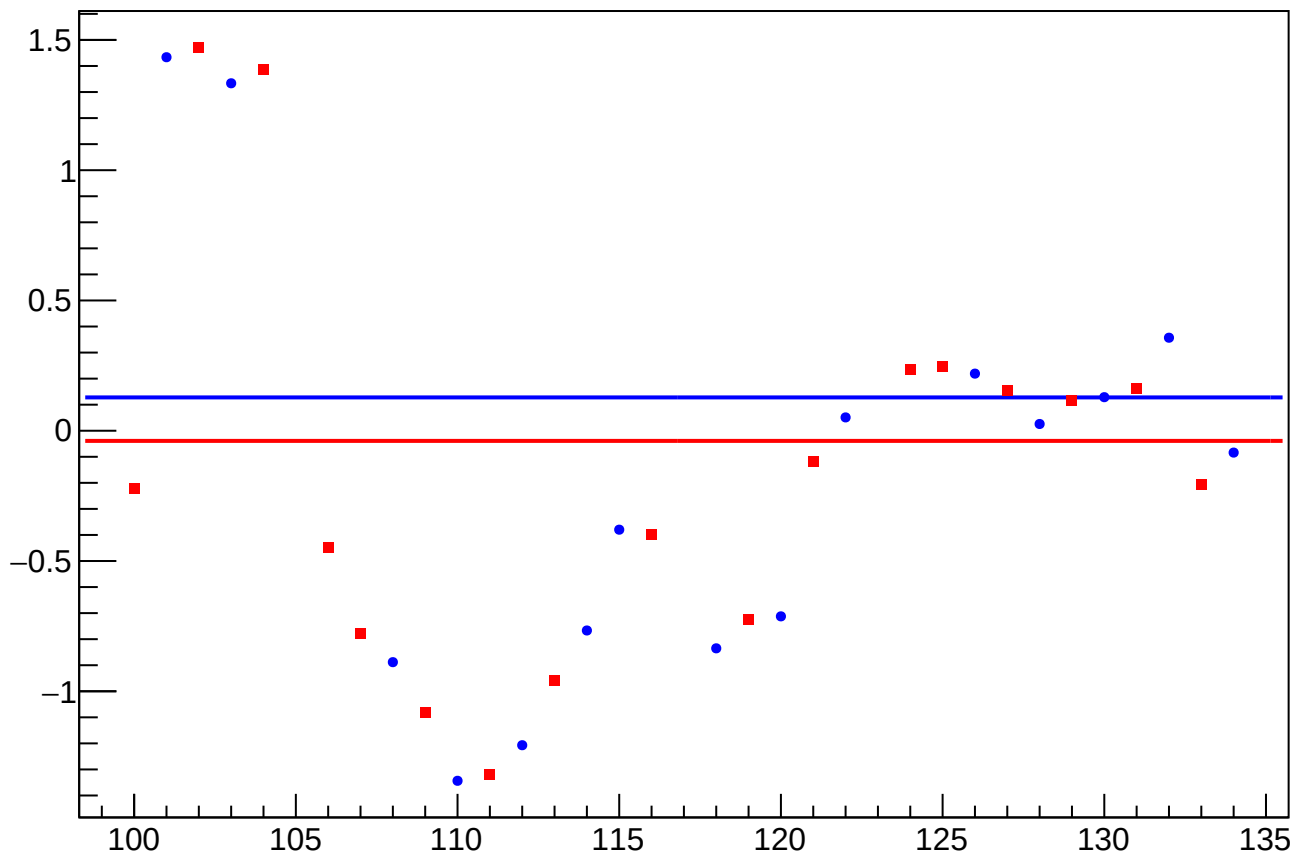
Right: 0.005+/-0.000 χ^2/NDF : 691465.3/31

In: 0.005+/-0.000 χ^2/NDF :385051.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 691465.3/31

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.128+/-0.000 χ^2/NDF : 17577903875.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.039+/-0.000 χ^2/NDF : 22154299444.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

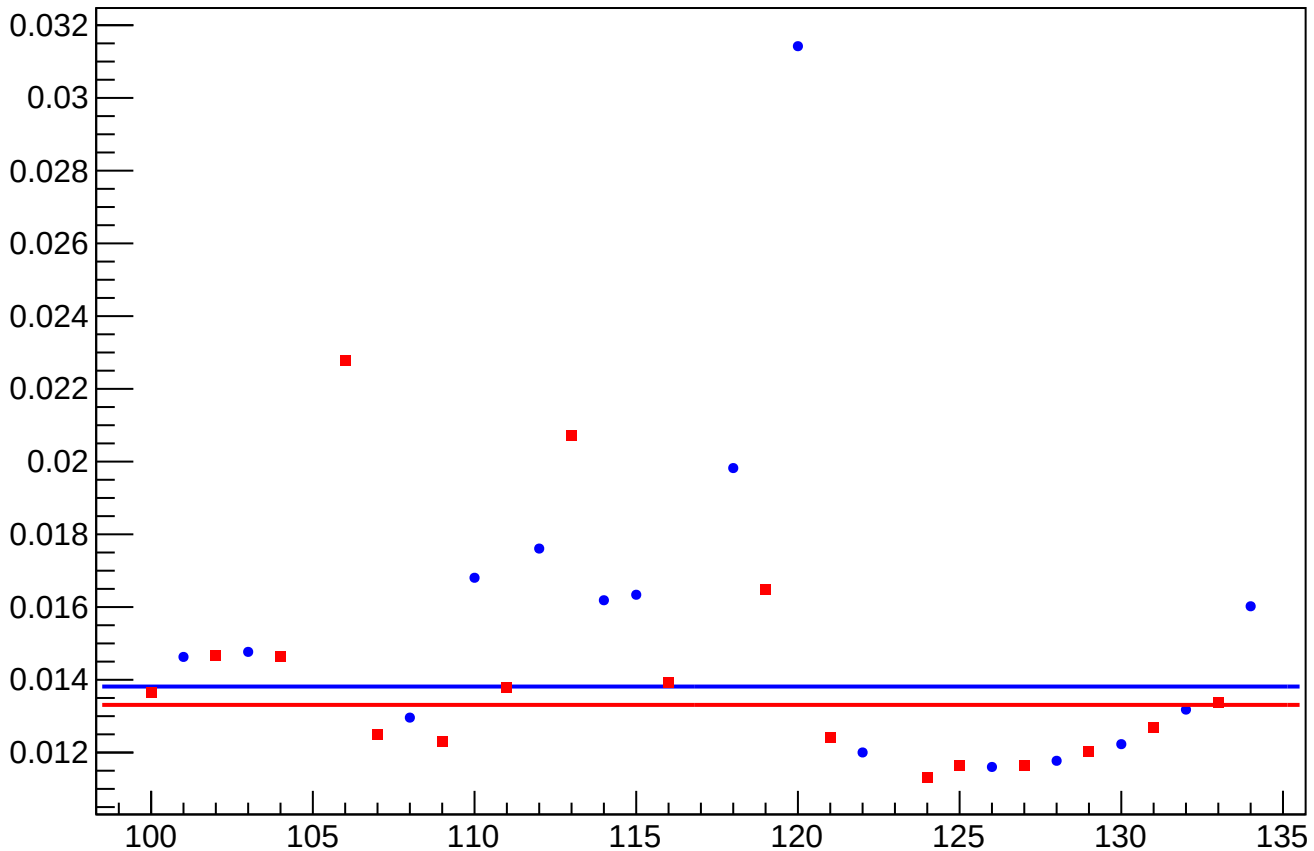
Right: 0.037+/-0.000 χ^2/NDF : 40169399569.5/31

In: 0.128+/-0.000 χ^2/NDF :17577903875.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.000 χ^2/NDF : 40169399569.5/31

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 424862.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 280350.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

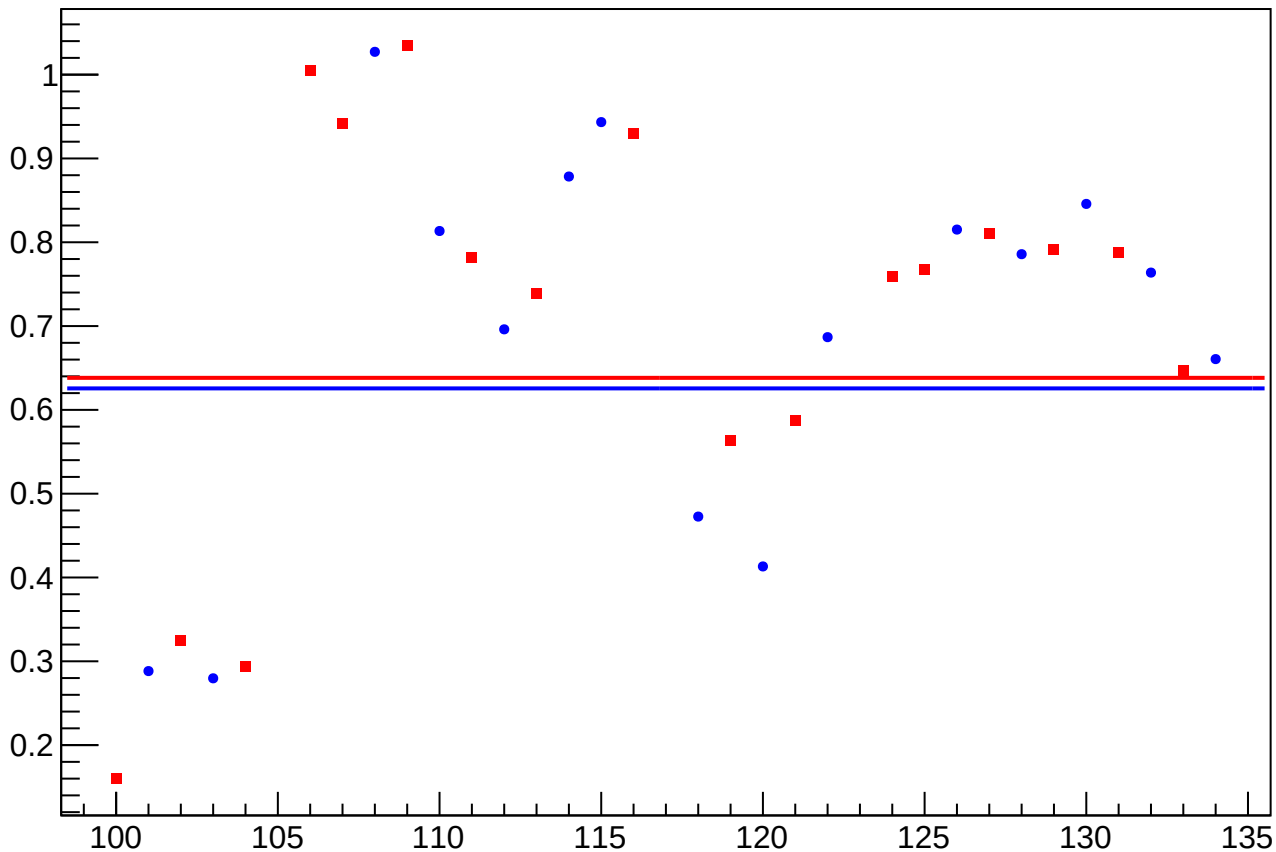
Right: 0.014+/-0.000 χ^2/NDF : 713210.2/31

In: 0.014+/-0.000 χ^2/NDF : 424862.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 713210.2/31

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.626+/-0.000

χ^2/NDF : 5491229098.9/14

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.632+/-0.000 χ^2/NDF : 11401567332.4/31

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.626+/-0.000 χ^2/NDF : 5491229098.9/14

Right Out: 0.638+/-0.000

χ^2/NDF : 5903240479.7/16

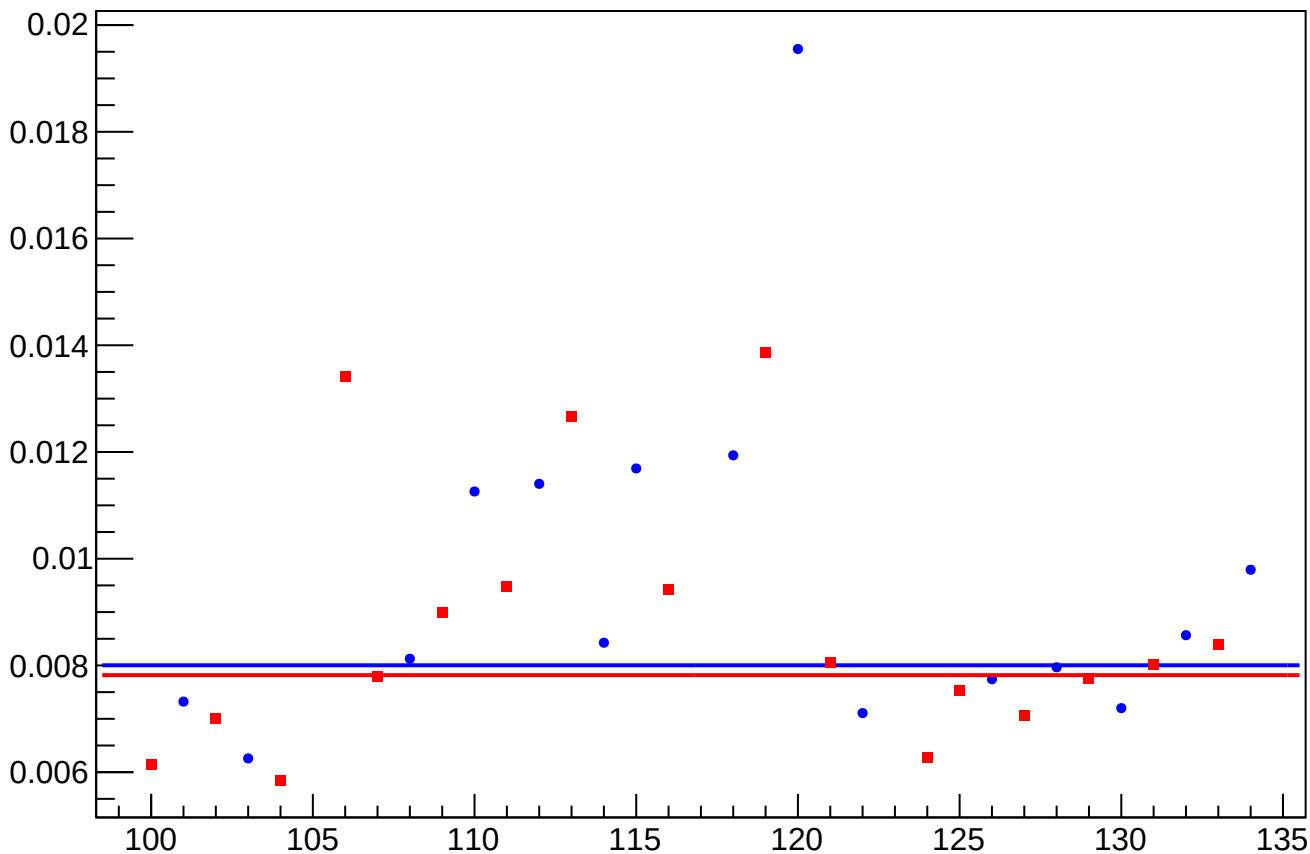
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.632+/-0.000 χ^2/NDF : 11401567332.4/31

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 594534.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 582598.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

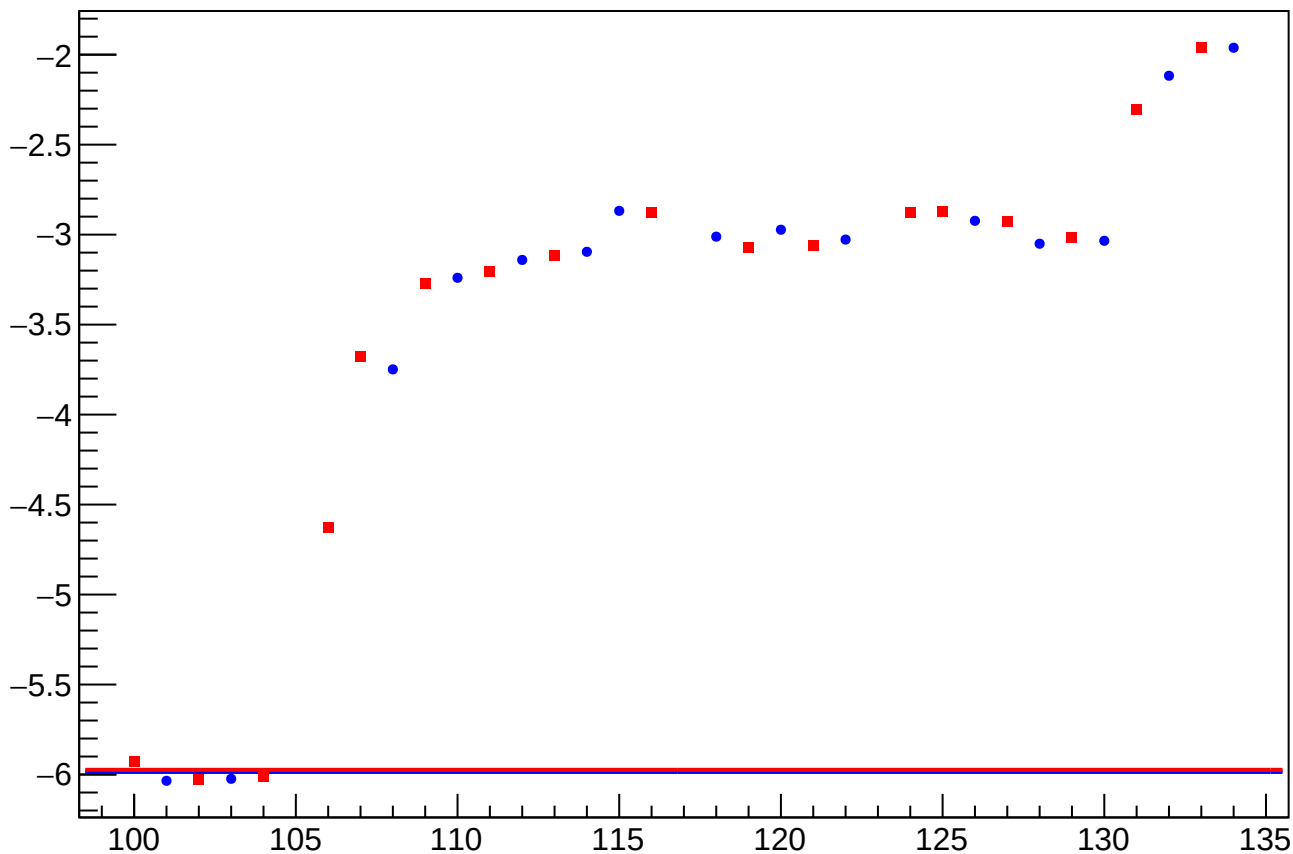
Right: 0.008+/-0.000 χ^2/NDF : 1180178.6/31

In: 0.008+/-0.000 χ^2/NDF : 594534.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1180178.6/31

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.986+/-0.000 χ^2/NDF : 6264052021.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.974+/-0.000 χ^2/NDF : 5748216152.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

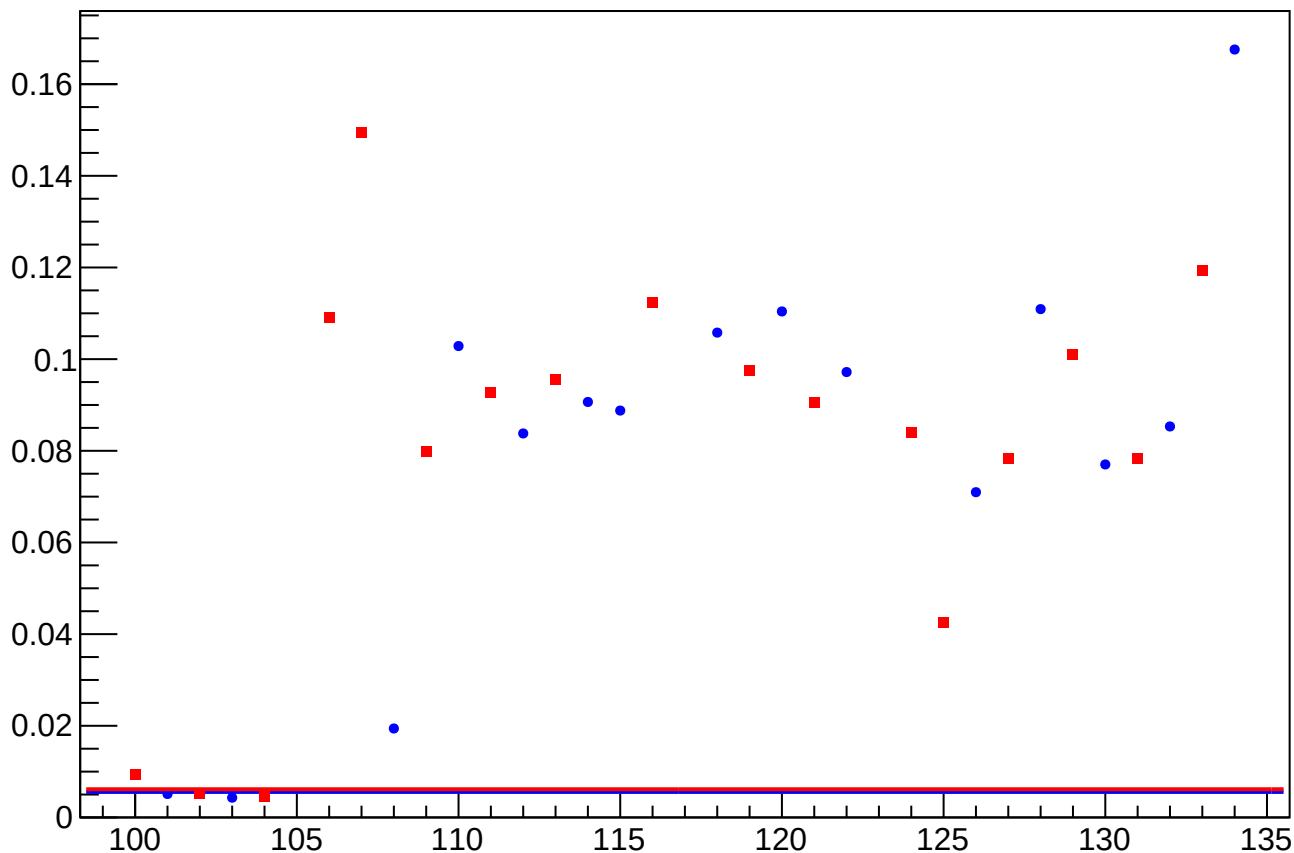
Right: -5.980+/-0.000 χ^2/NDF : 12015447018.5/31

In: -5.986+/-0.000 χ^2/NDF :6264052021.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.980+/-0.000 χ^2/NDF : 12015447018.5/31

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7684731.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 8255864.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

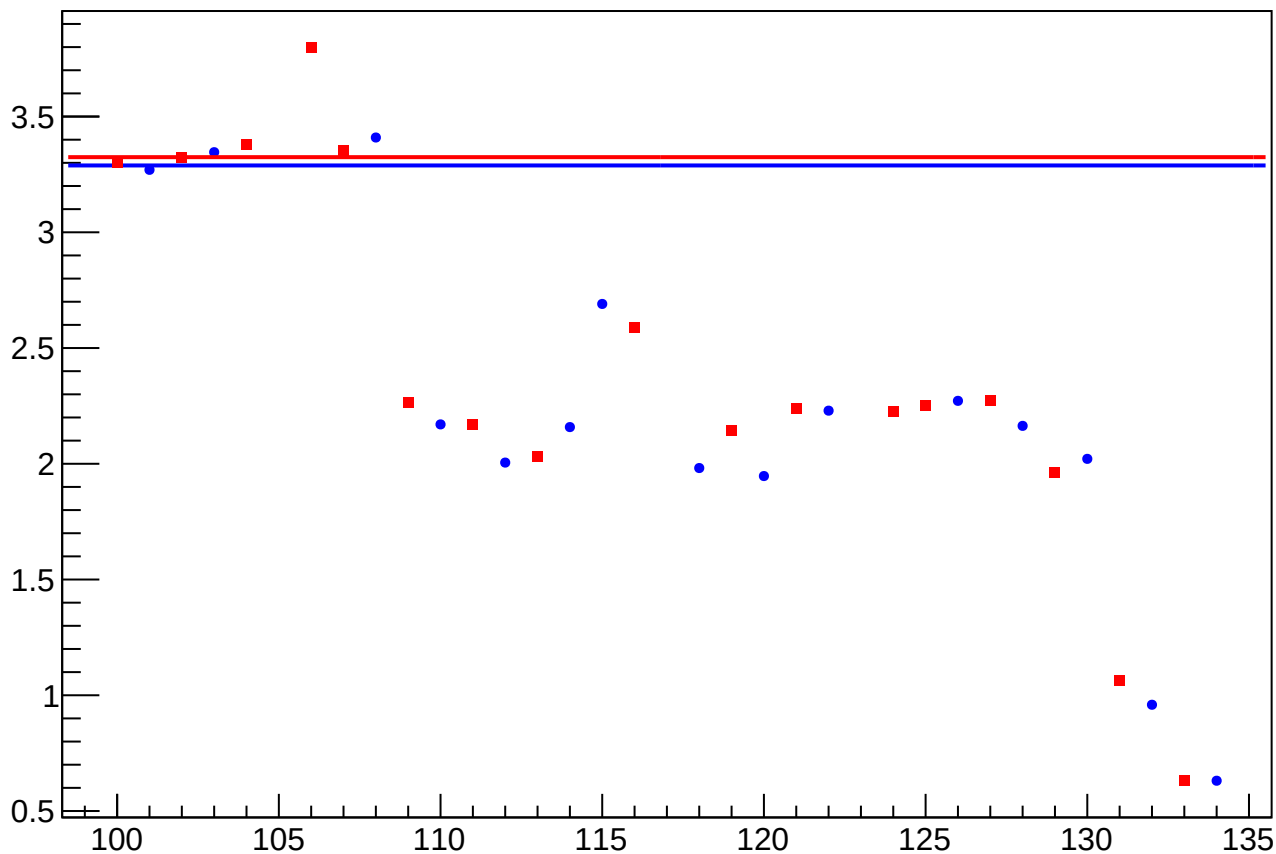
Right: 0.006+/-0.000 χ^2/NDF : 15956056.5/31

In: 0.006+/-0.000 χ^2/NDF : 7684731.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 15956056.5/31

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.289+/-0.000 χ^2/NDF : 1003284732.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.325+/-0.000 χ^2/NDF : 1060380985.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

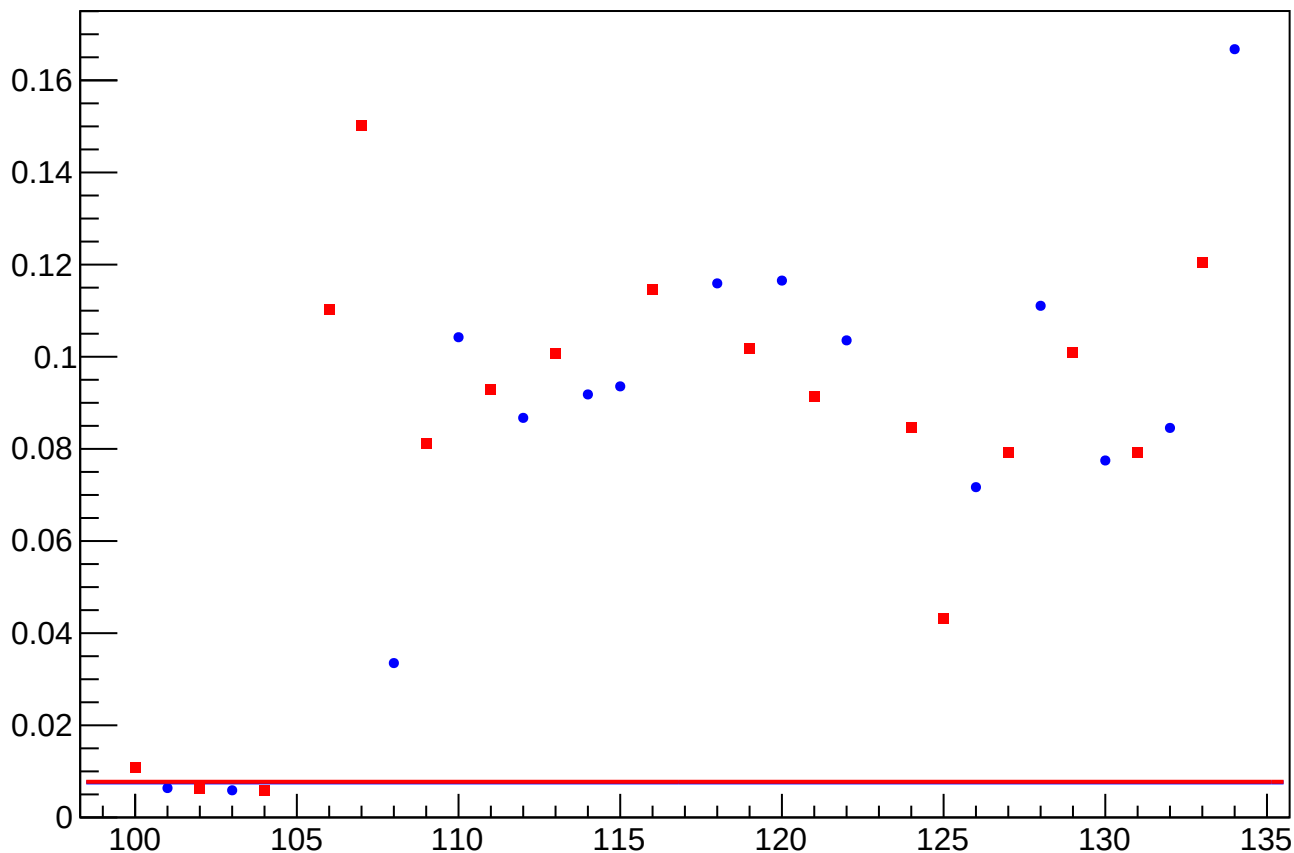
Right: 3.306+/-0.000 χ^2/NDF : 2082773990.1/31

In: 3.289+/-0.000 χ^2/NDF :1003284732.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.306+/-0.000 χ^2/NDF : 2082773990.1/31

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7527301.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 8003121.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

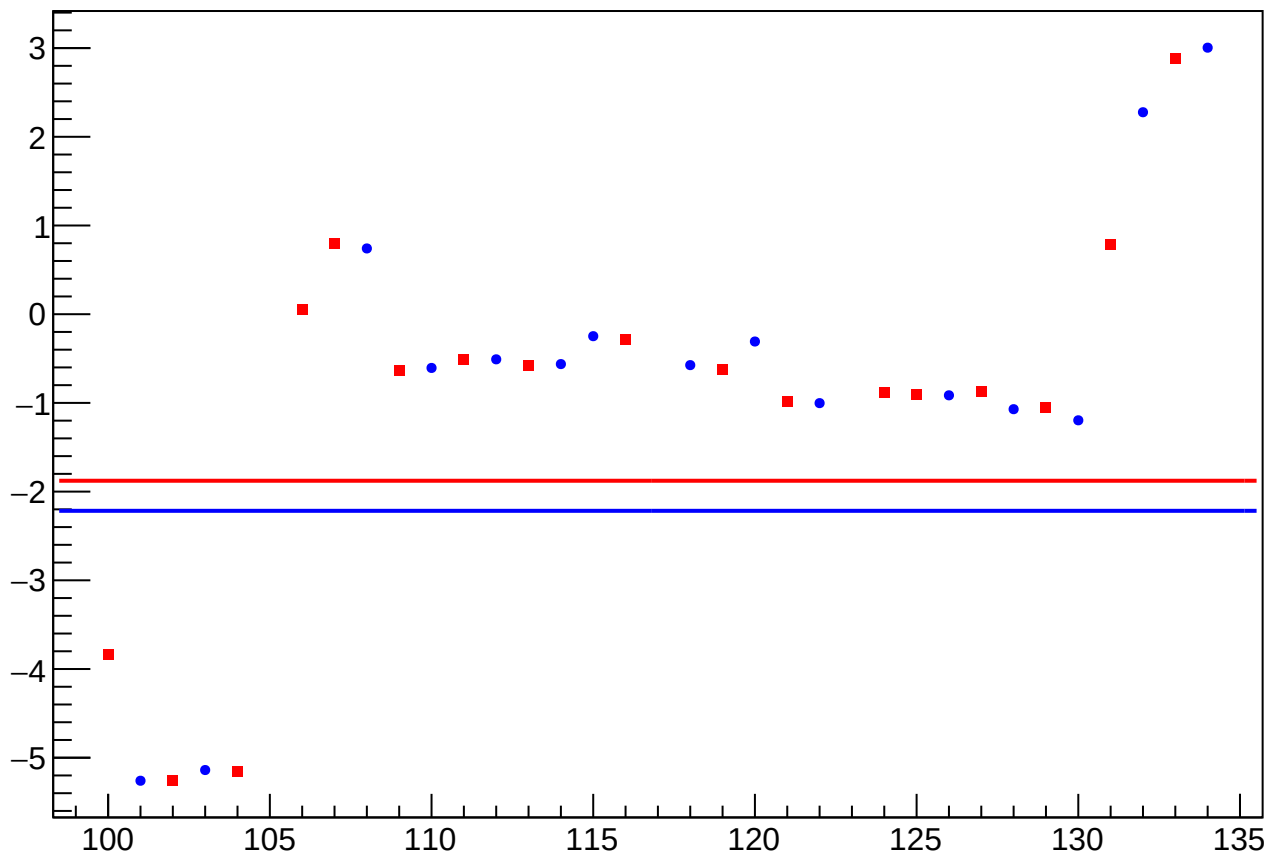
Right: 0.008+/-0.000 χ^2/NDF : 15531030.2/31

In: 0.008+/-0.000 χ^2/NDF :7527301.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 15531030.2/31

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.217+/-0.000 χ^2/NDF : 147367579925.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.878+/-0.000 χ^2/NDF : 156728563232.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

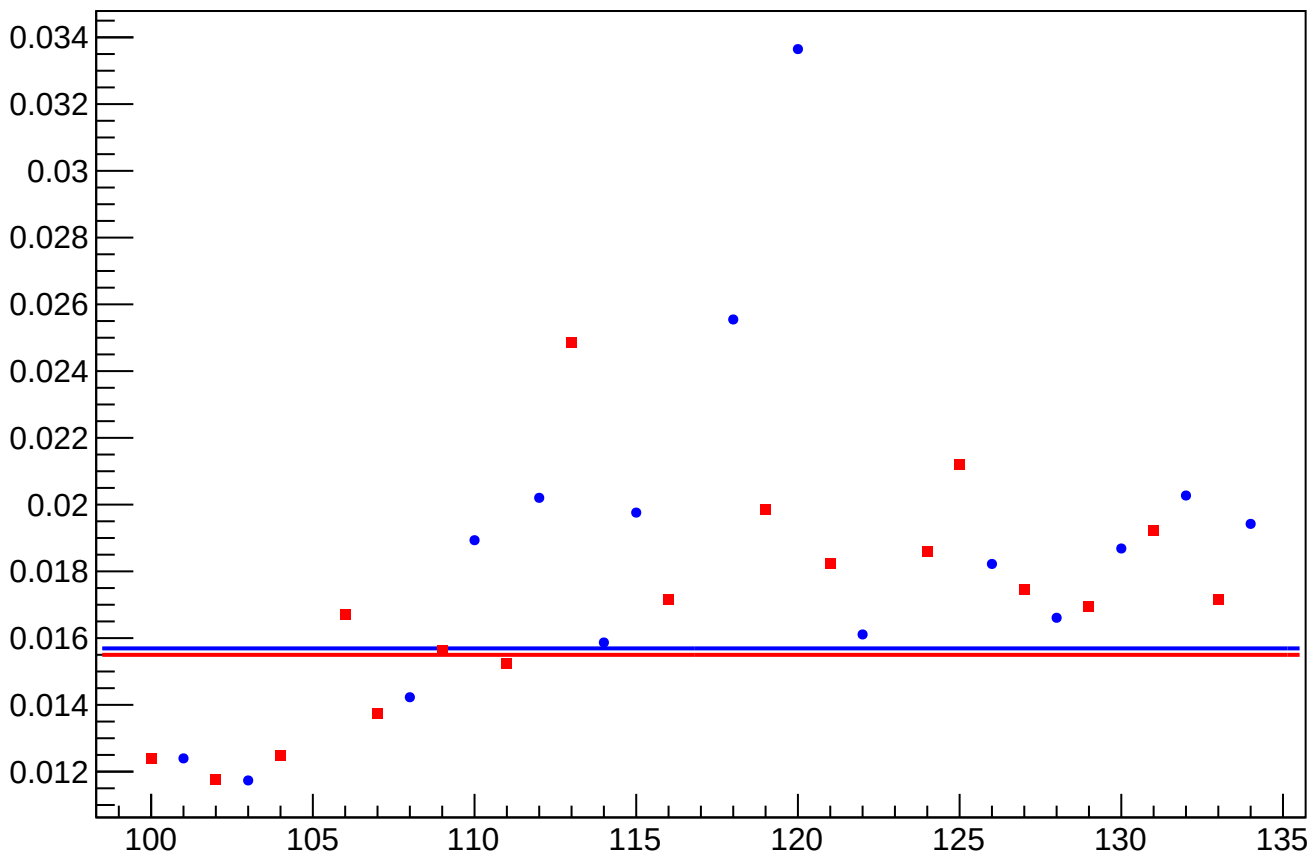
Right: -2.034+/-0.000 χ^2/NDF : 305378548635.2/31

In: -2.217+/-0.000 χ^2/NDF : 147367579925.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.034+/-0.000 χ^2/NDF : 305378548635.2

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 679689.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 469151.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

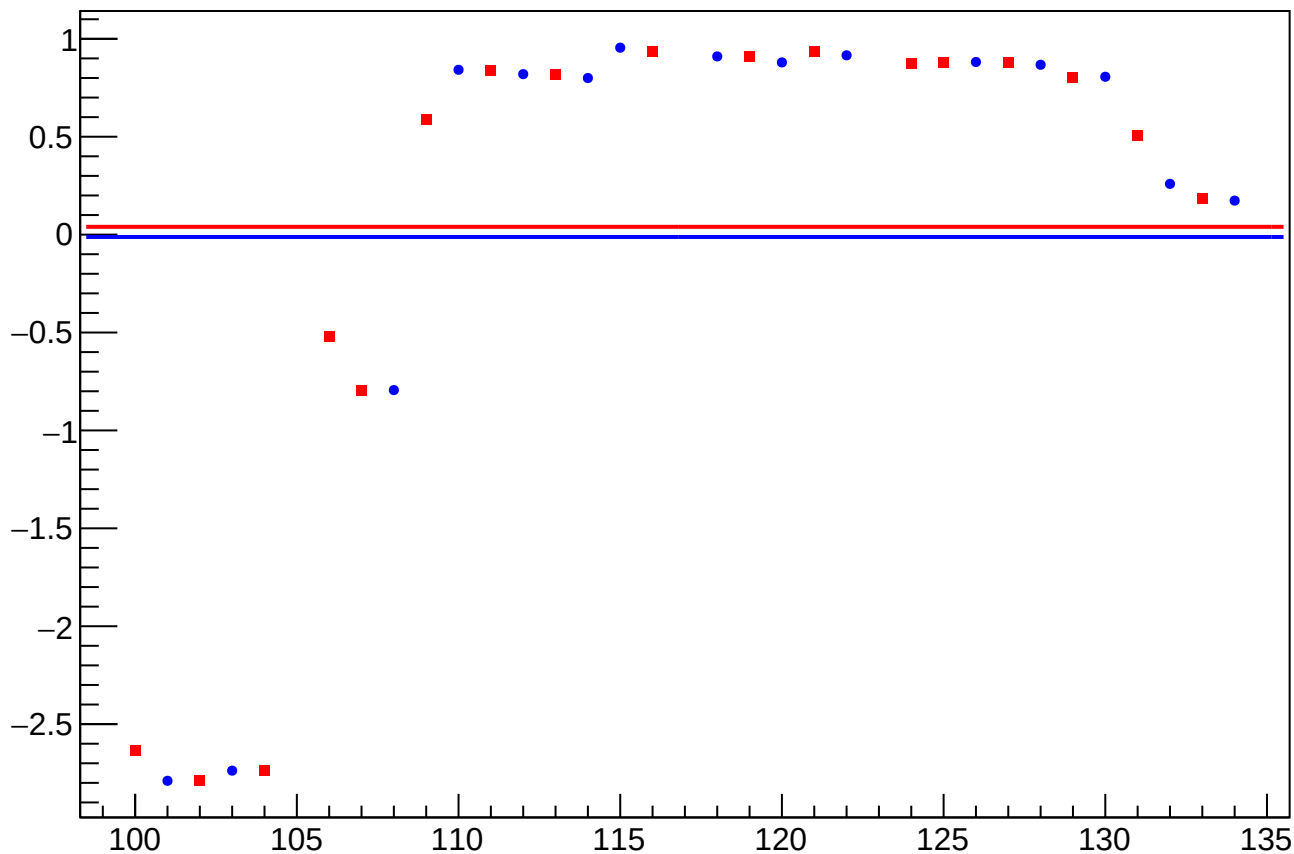
Right: 0.016+/-0.000 χ^2/NDF : 1149675.9/31

In: 0.016+/-0.000 χ^2/NDF : 679689.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1149675.9/31

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.000

χ^2/NDF : 845058153088.2/14

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 1777284335286.5/31

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000

χ^2/NDF : 931578672283.4/16

In: -0.012+/-0.000

χ^2/NDF : 845058153088.2/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

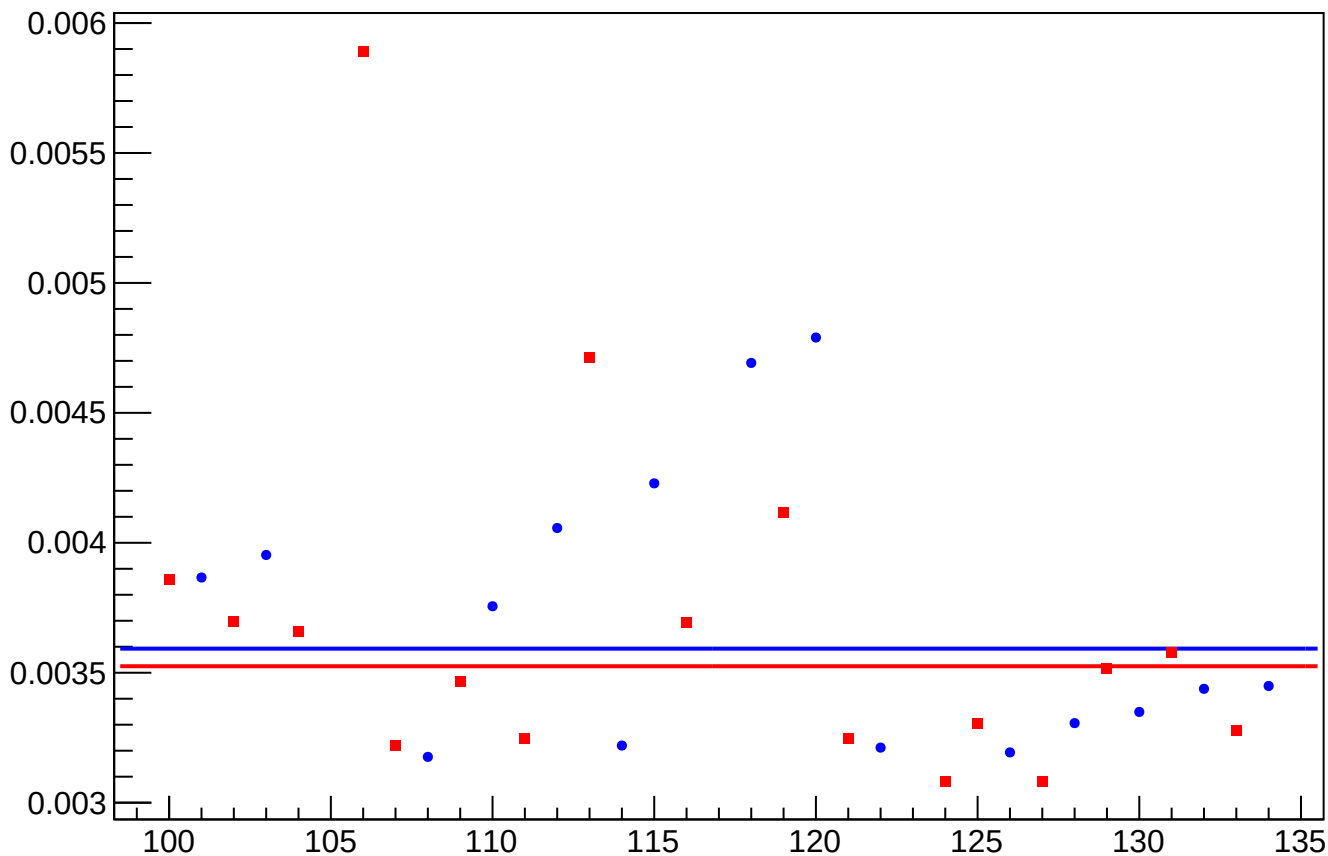
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 1777284335286.5/31

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 180408.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 219741.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

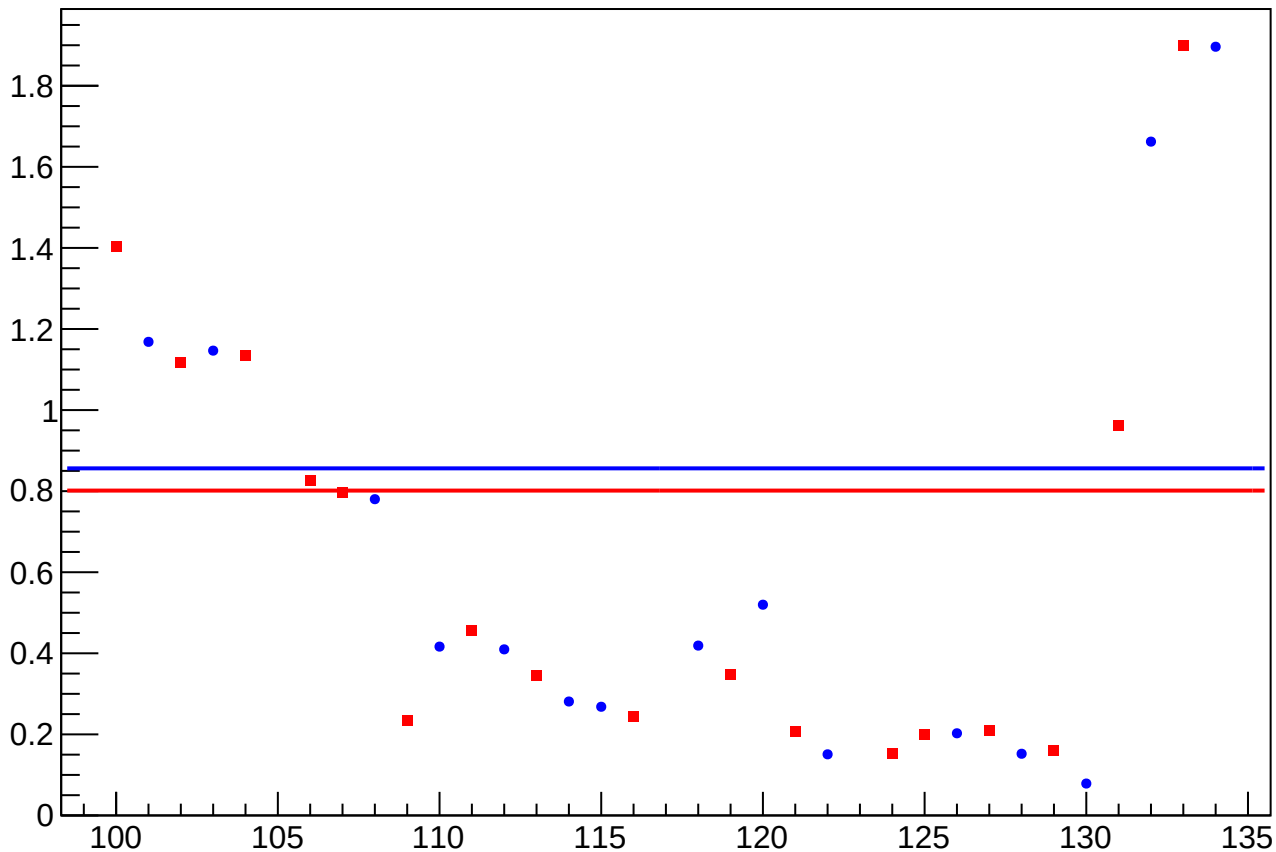
Right: 0.004+/-0.000 χ^2/NDF : 402366.4/31

In: 0.004+/-0.000 χ^2/NDF : 180408.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 402366.4/31

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.856+/-0.000 χ^2/NDF : 32337268618.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.801+/-0.000 χ^2/NDF : 33240169218.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

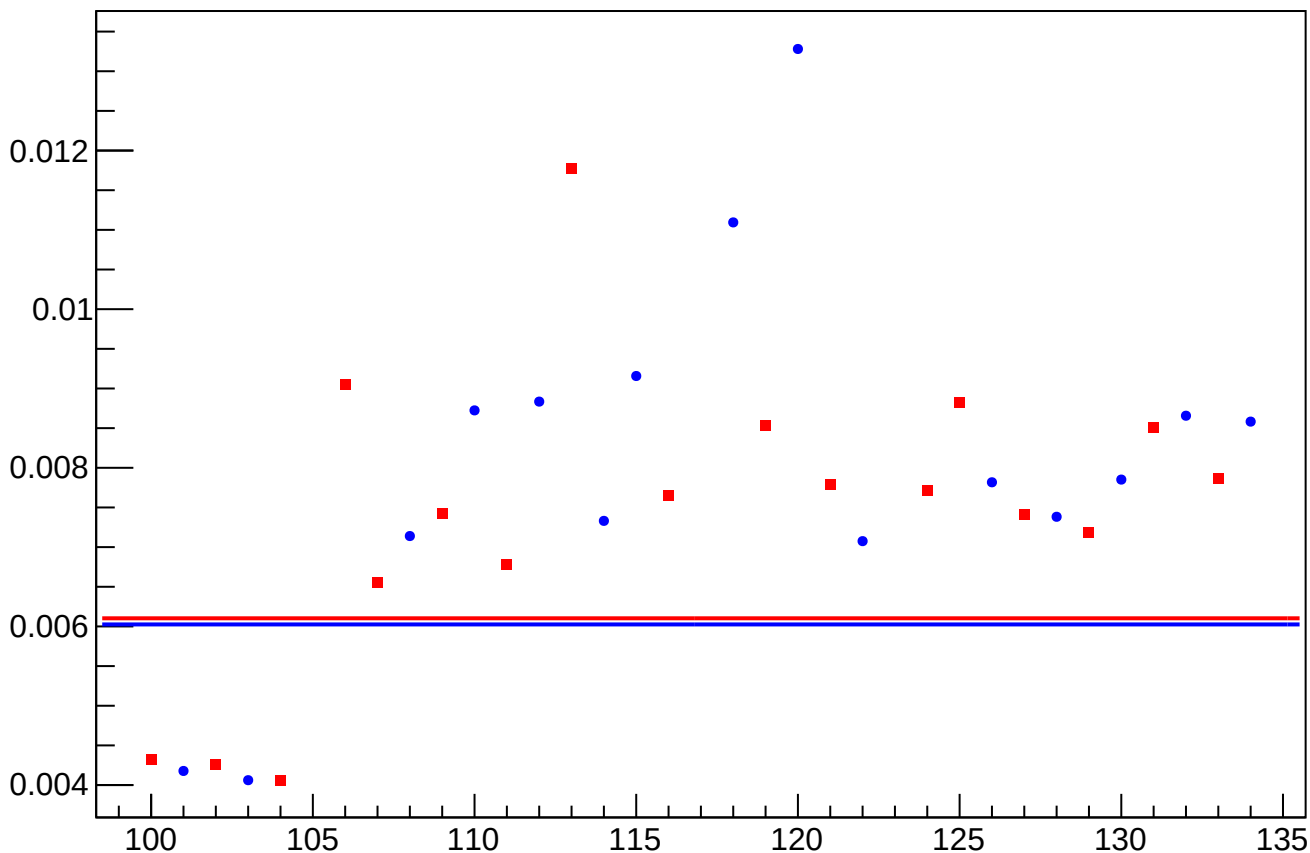
Right: 0.828+/-0.000 χ^2/NDF : 65786764637.2/31

In: 0.856+/-0.000 χ^2/NDF : 32337268618.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.828+/-0.000 χ^2/NDF : 65786764637.2/31

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 1309322.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 1098214.7/16

Left 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 : 2408370.8/31

In: 0.006+/-0.000

χ^2/NDF : 1309322.7/14

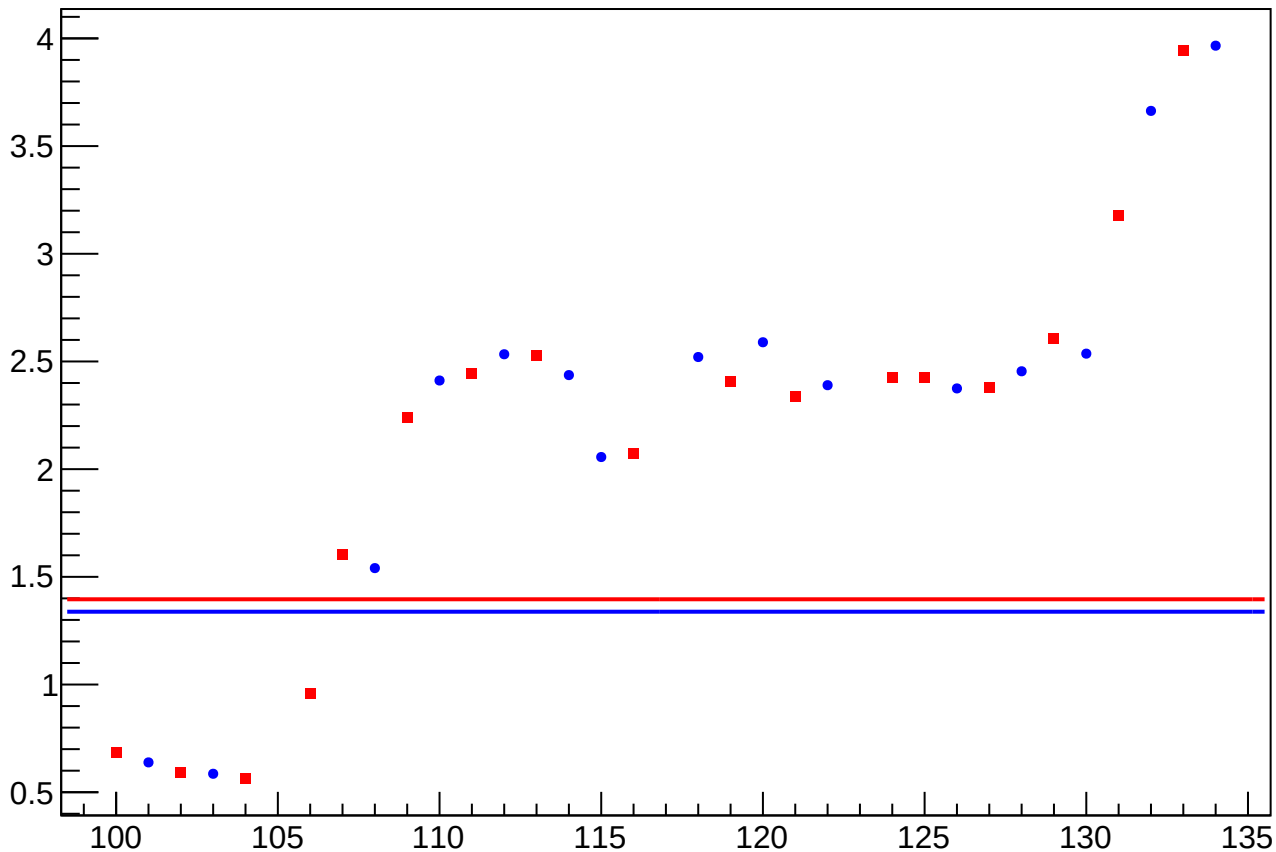
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 2408370.8/31

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.338+/-0.000 χ^2/NDF : 143566422715.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.396+/-0.000 χ^2/NDF : 162596979359.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

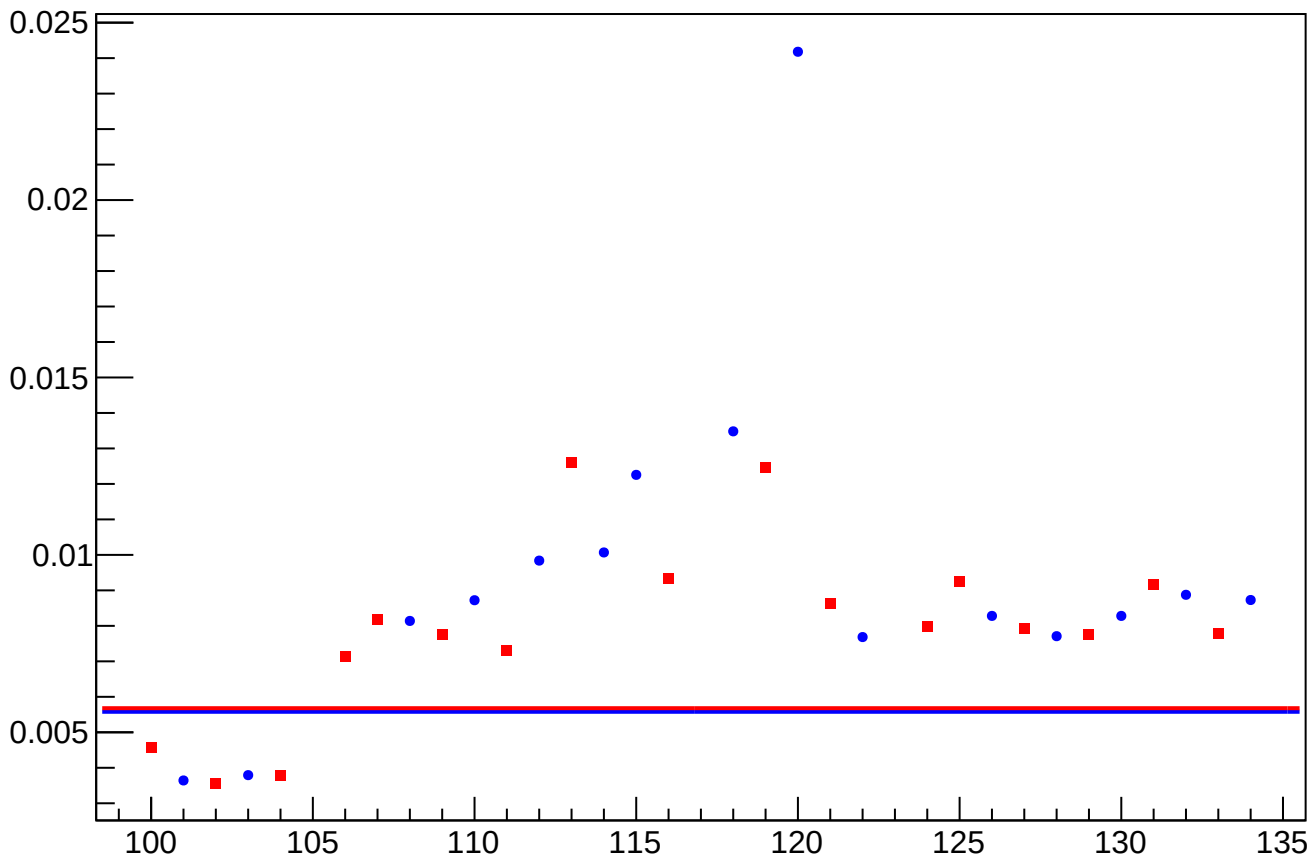
Right: 1.368+/-0.000 χ^2/NDF : 306405974852.2/31

In: 1.338+/-0.000 χ^2/NDF :143566422715.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.368+/-0.000 χ^2/NDF : 306405974852.2

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 2046946.5/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 1842338.1/16

Left 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 : 3890767.7/31

In: 0.006+/-0.000

χ^2/NDF : 2046946.5/14

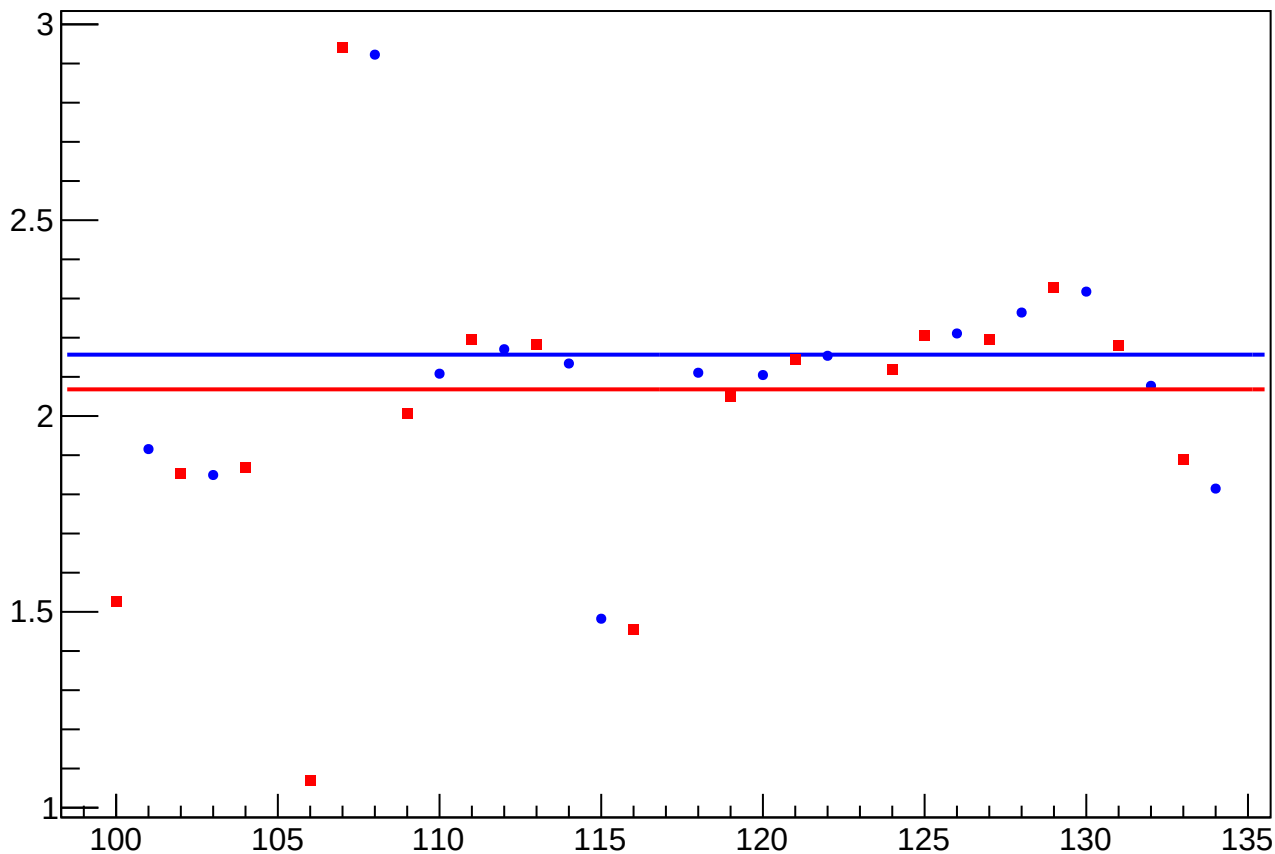
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 3890767.7/31

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.157+/-0.000

χ^2/NDF : 10438082171.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 2.068+/-0.000

χ^2/NDF : 14994569003.4/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.110+/-0.000

χ^2/NDF : 25967443974.7/31

In: 2.157+/-0.000

χ^2/NDF : 10438082171.7/14

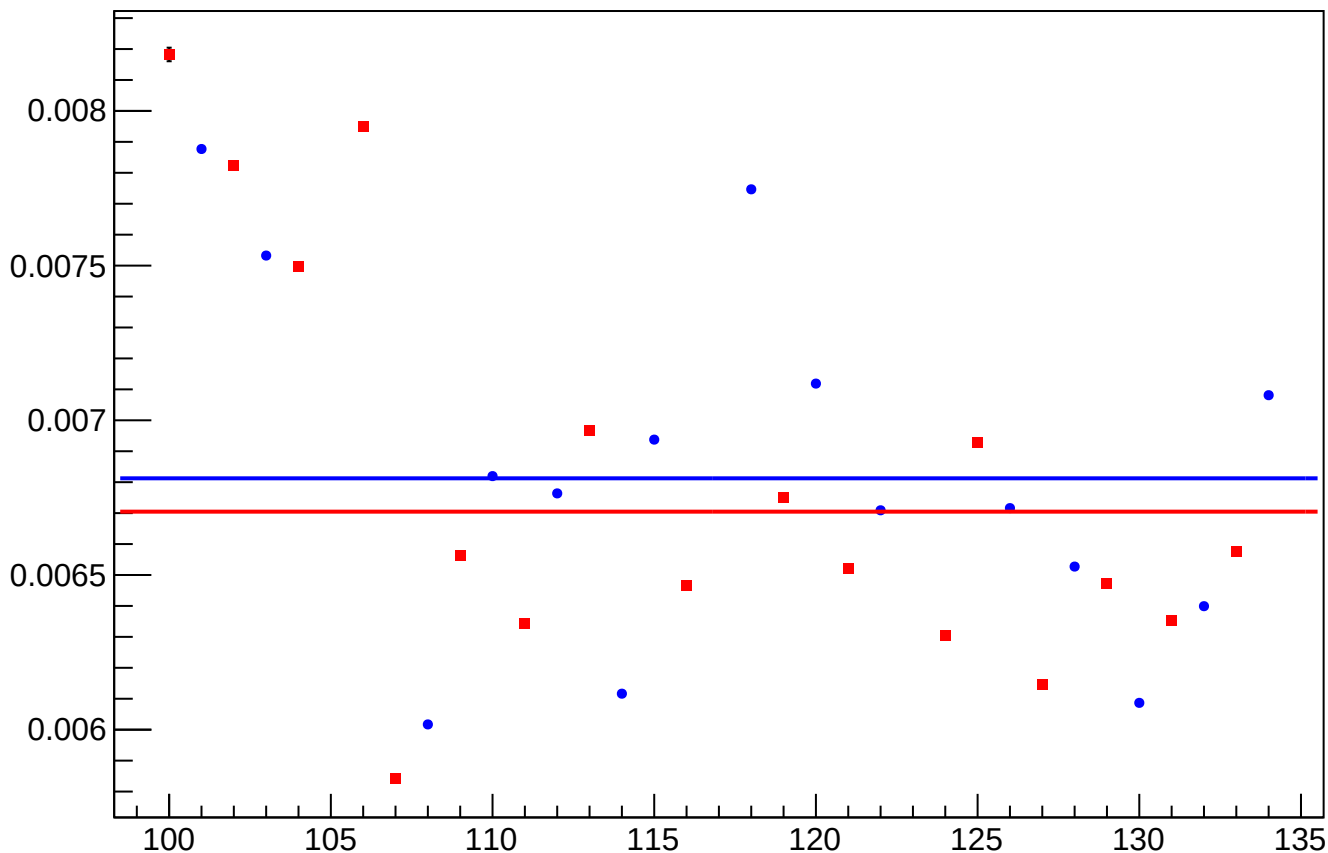
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.110+/-0.000

χ^2/NDF : 25967443974.7/31

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 86760.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84696.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

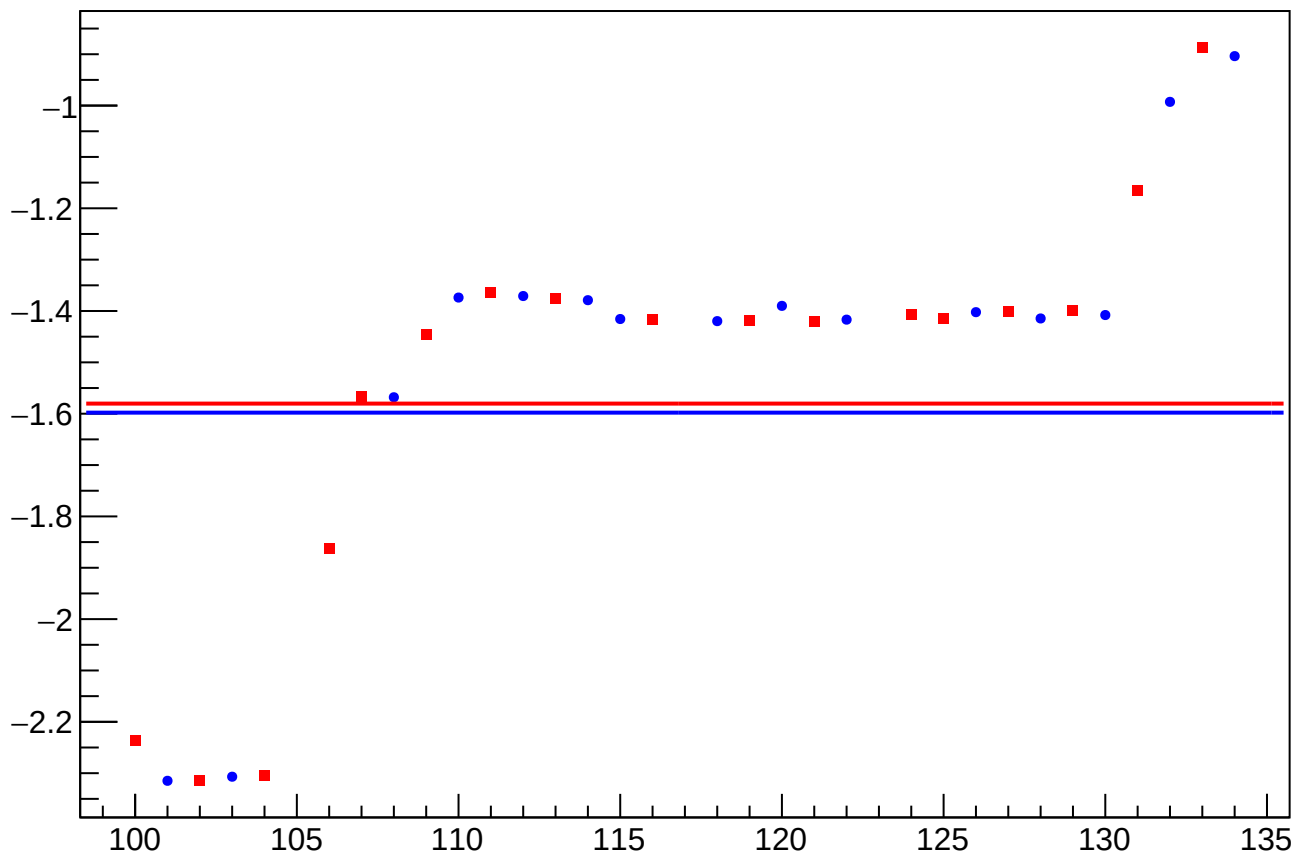
Right: 0.007+/-0.000 χ^2/NDF : 173039.3/31

In: 0.007+/-0.000 χ^2/NDF :86760.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 173039.3/31

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.598+/-0.000 χ^2/NDF : 163387736201.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.580+/-0.000 χ^2/NDF : 165333620935.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

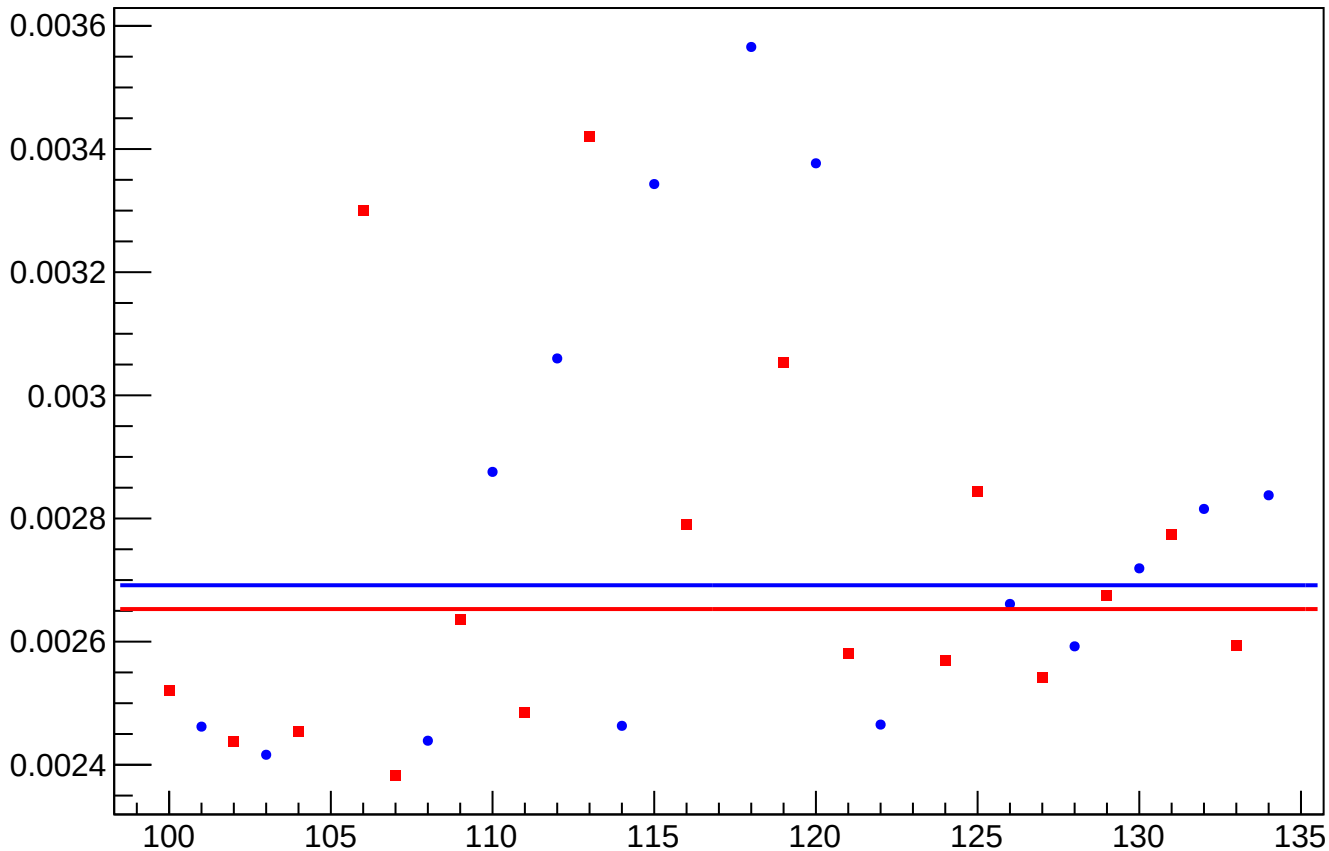
Right: -1.589+/-0.000 χ^2/NDF : 328853761053.7/31

In: -1.598+/-0.000 χ^2/NDF :163387736201.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.589+/-0.000 χ^2/NDF : 328853761053.7

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 155728.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 115541.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

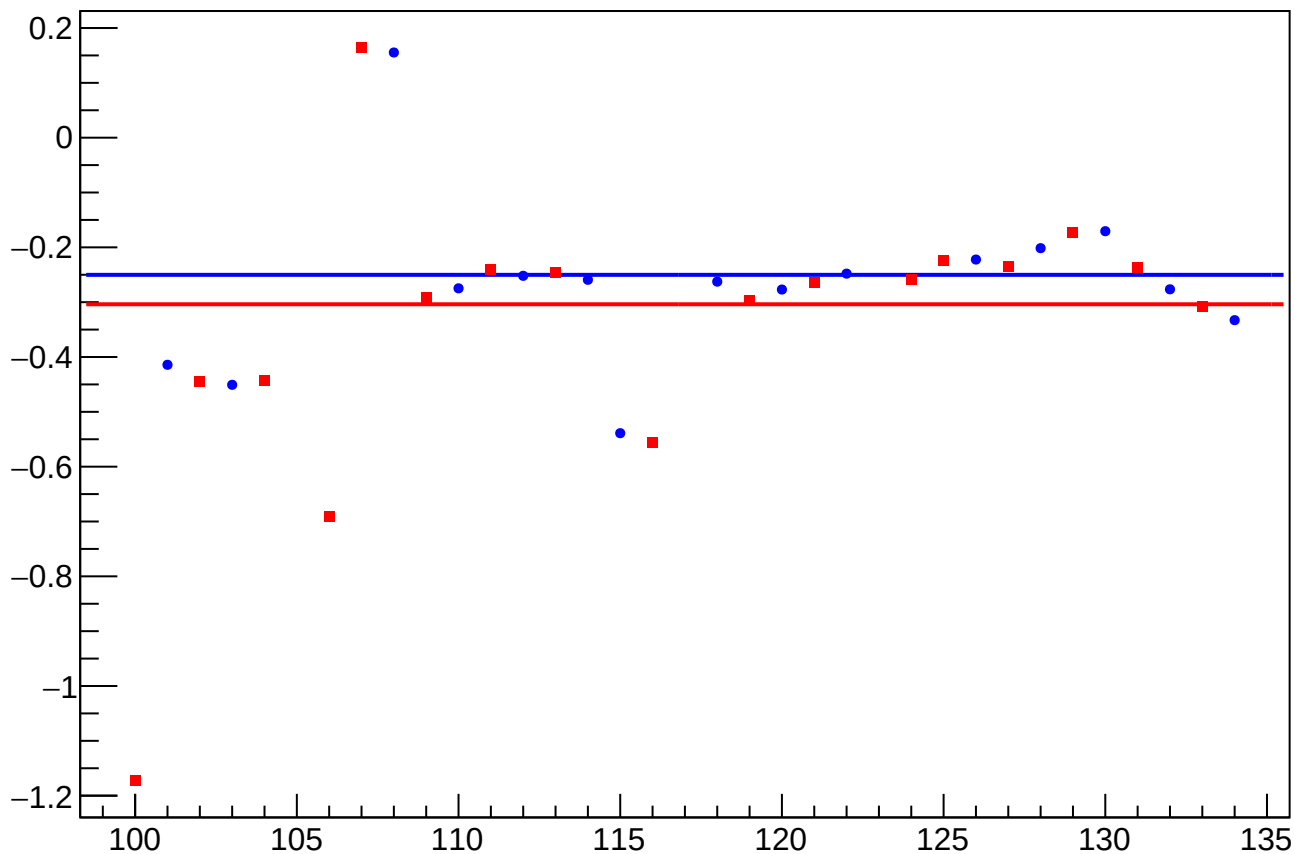
Right: 0.003+/-0.000 χ^2/NDF : 272545.8/31

In: 0.003+/-0.000 χ^2/NDF :155728.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 272545.8/31

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.250+/-0.000 χ^2/NDF : 1011735282.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.304+/-0.000 χ^2/NDF : 1712992859.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

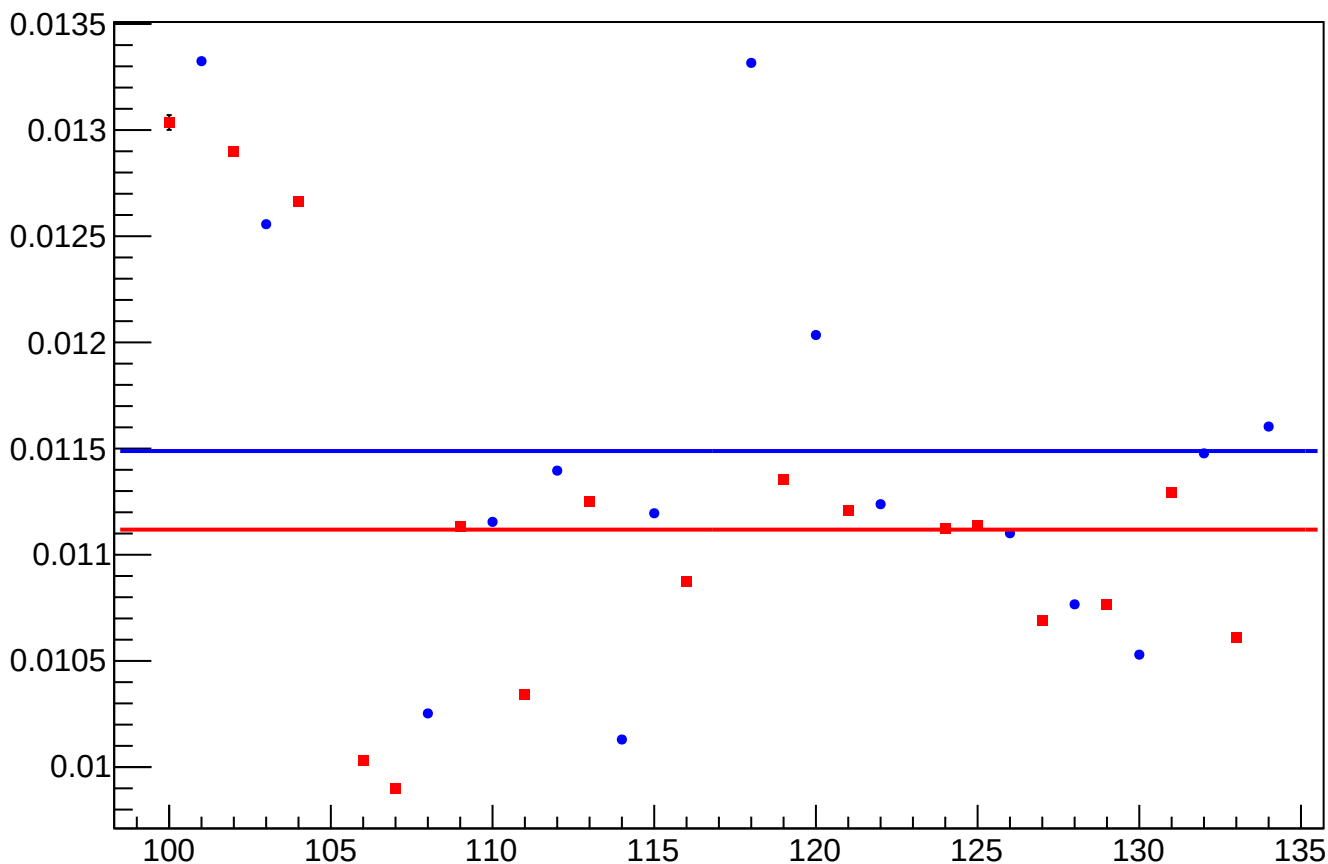
Right: -0.279+/-0.000 χ^2/NDF : 2796021792.0/31

In: -0.250+/-0.000 χ^2/NDF : 1011735282.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.279+/-0.000 χ^2/NDF : 2796021792.0/31

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 83658.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 66984.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

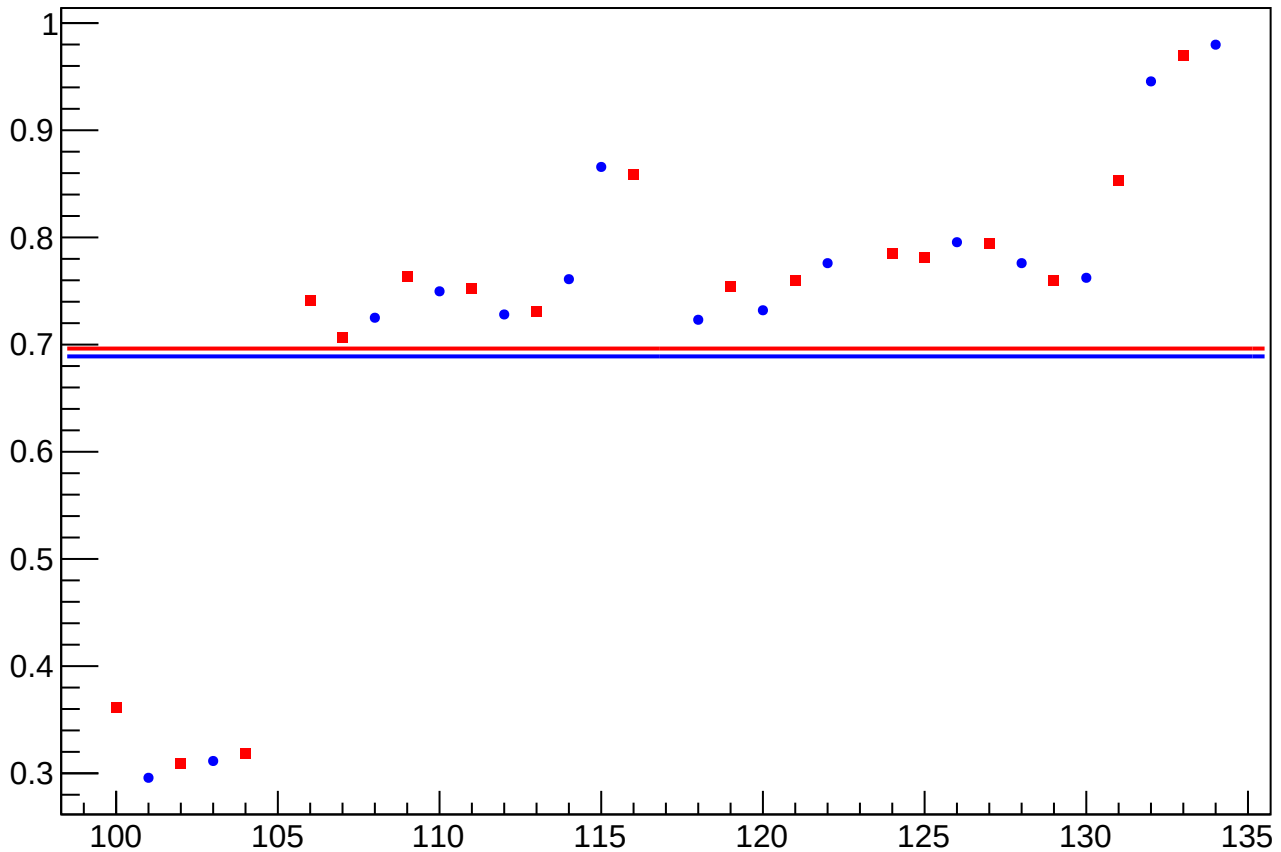
Right: 0.011+/-0.000 χ^2/NDF : 157425.7/31

In: 0.011+/-0.000 χ^2/NDF :83658.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 157425.7/31

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.689+/-0.000 χ^2/NDF : 46043109530.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.696+/-0.000 χ^2/NDF : 41985342628.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

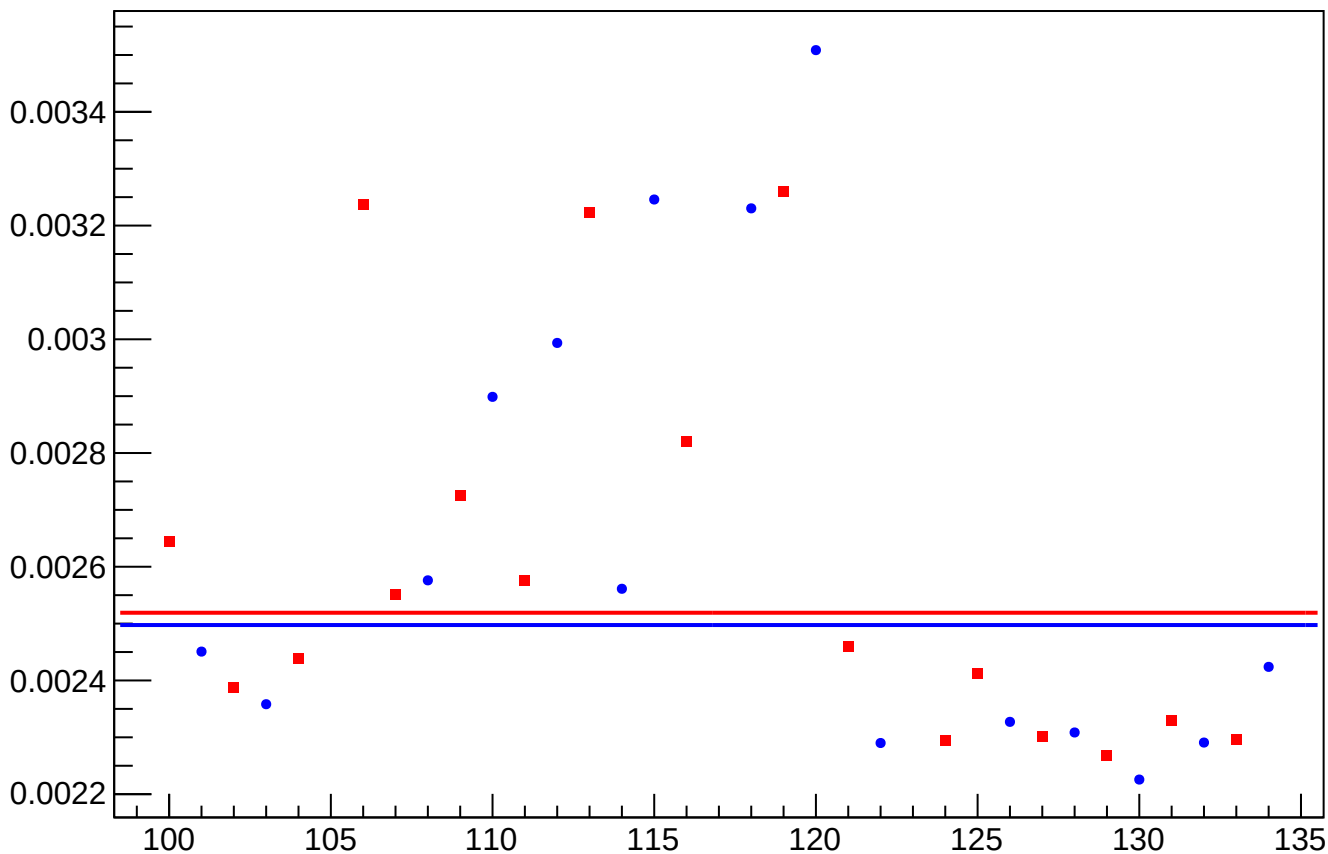
Right: 0.693+/-0.000 χ^2/NDF : 88054689751.9/31

In: 0.689+/-0.000 χ^2/NDF :46043109530.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.693+/-0.000 χ^2/NDF : 88054689751.9/31

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 200122.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 170982.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

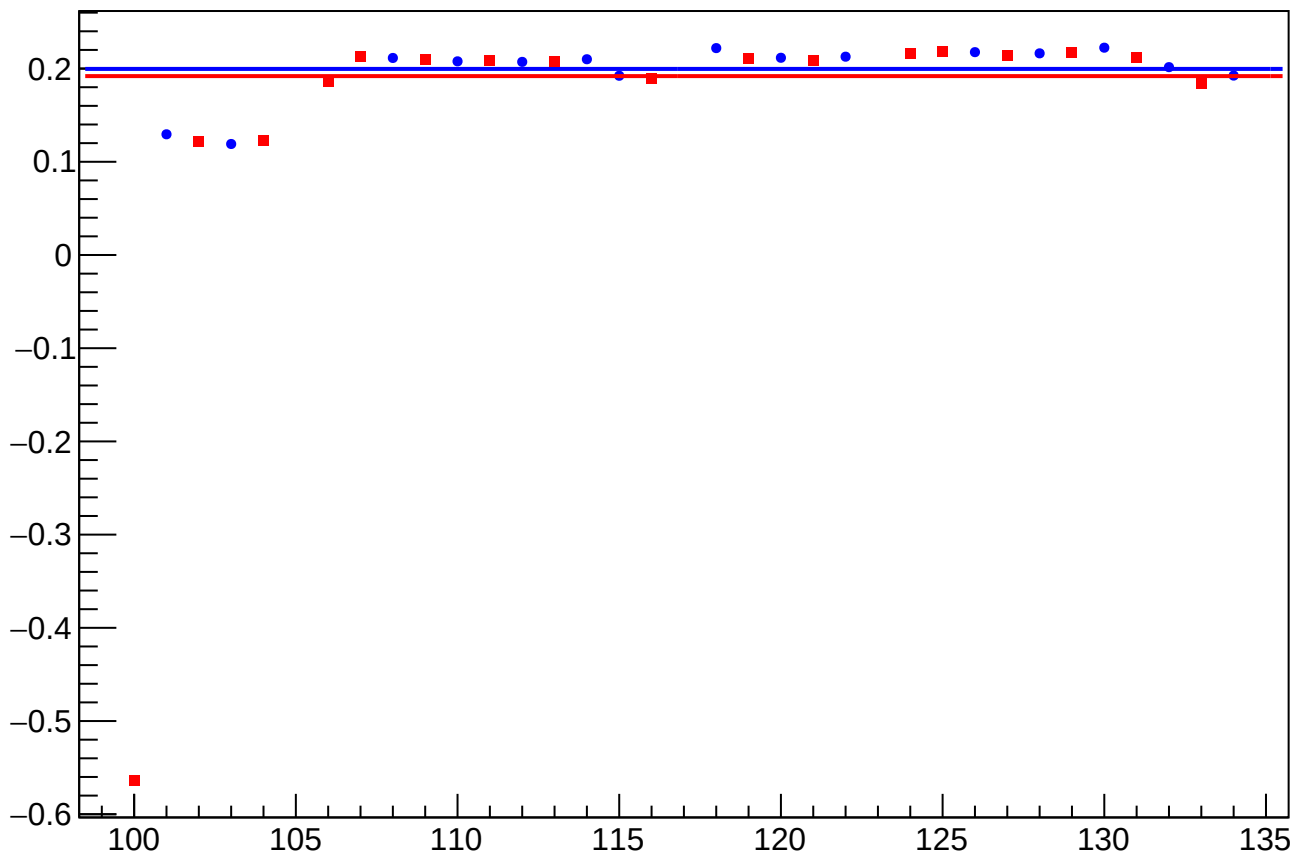
Right: 0.003+/-0.000 χ^2/NDF : 371562.4/31

In: 0.002+/-0.000 χ^2/NDF :200122.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 371562.4/31

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.200+/-0.000 χ^2/NDF : 58968394.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.192+/-0.000 χ^2/NDF : 348237219.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

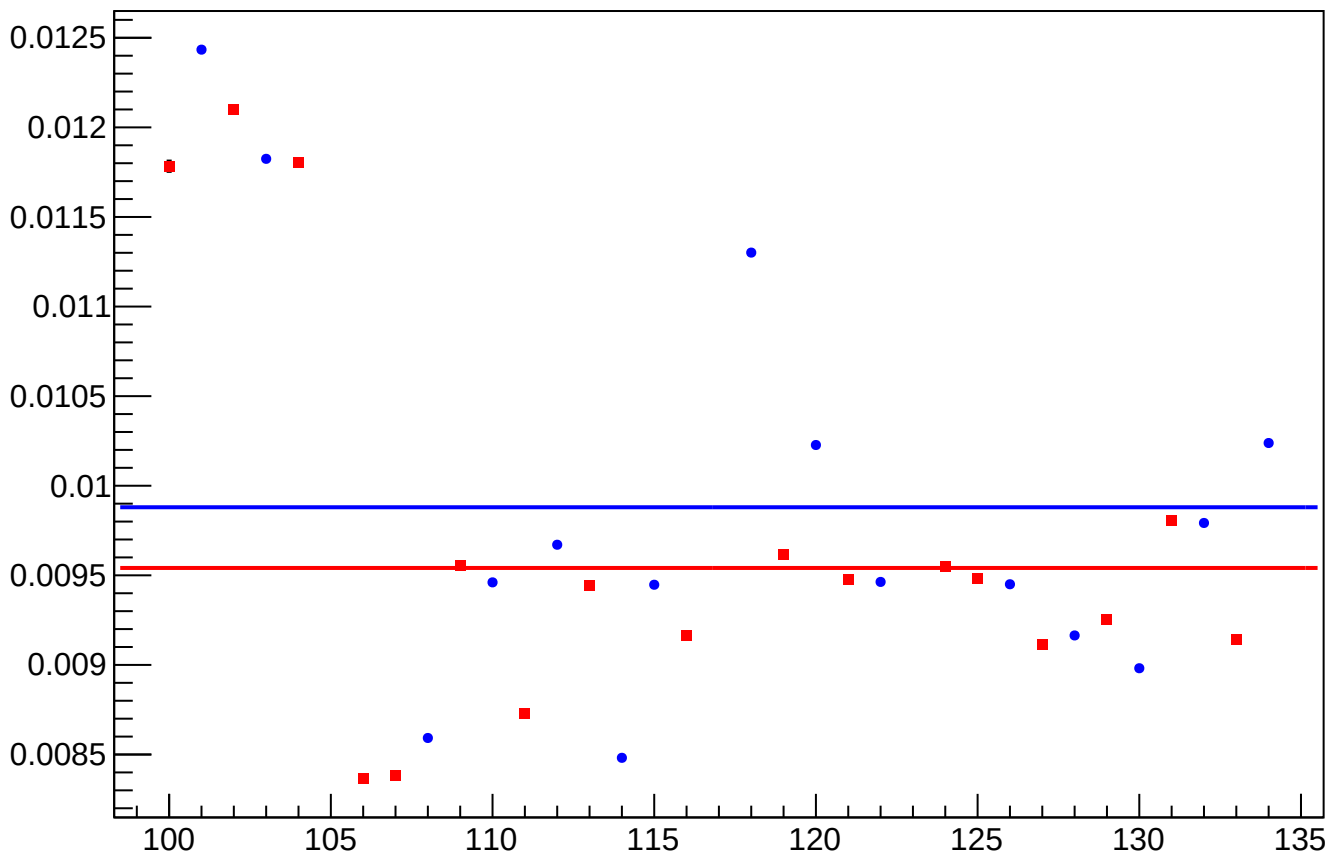
Right: 0.195+/-0.000 χ^2/NDF : 409191396.7/31

In: 0.200+/-0.000 χ^2/NDF : 58968394.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.195+/-0.000 χ^2/NDF : 409191396.7/31

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 148526.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 133246.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

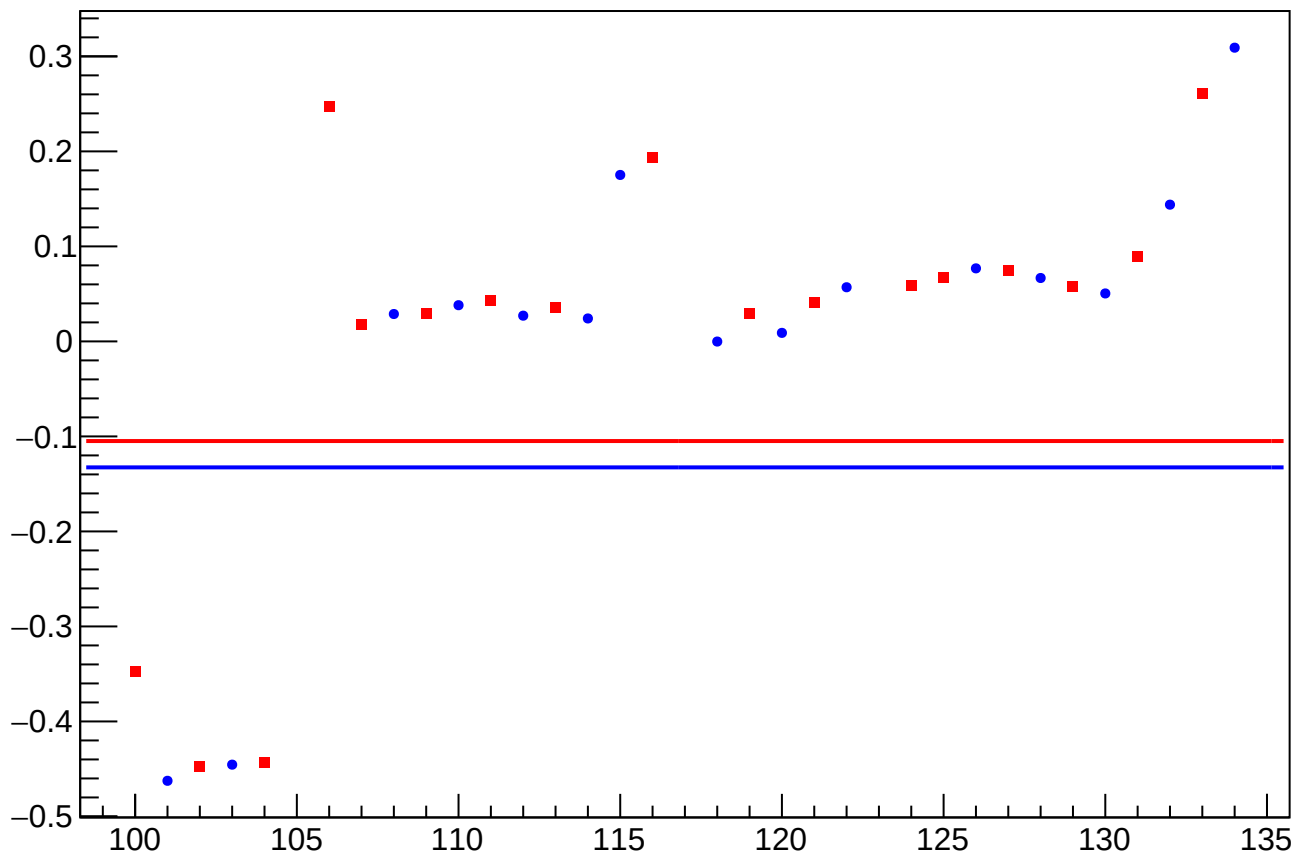
Right: 0.010+/-0.000 χ^2/NDF : 289408.0/31

In: 0.010+/-0.000 χ^2/NDF :148526.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 289408.0/31

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.133+/-0.000 χ^2/NDF : 16722536164.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.105+/-0.000 χ^2/NDF : 16593228624.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

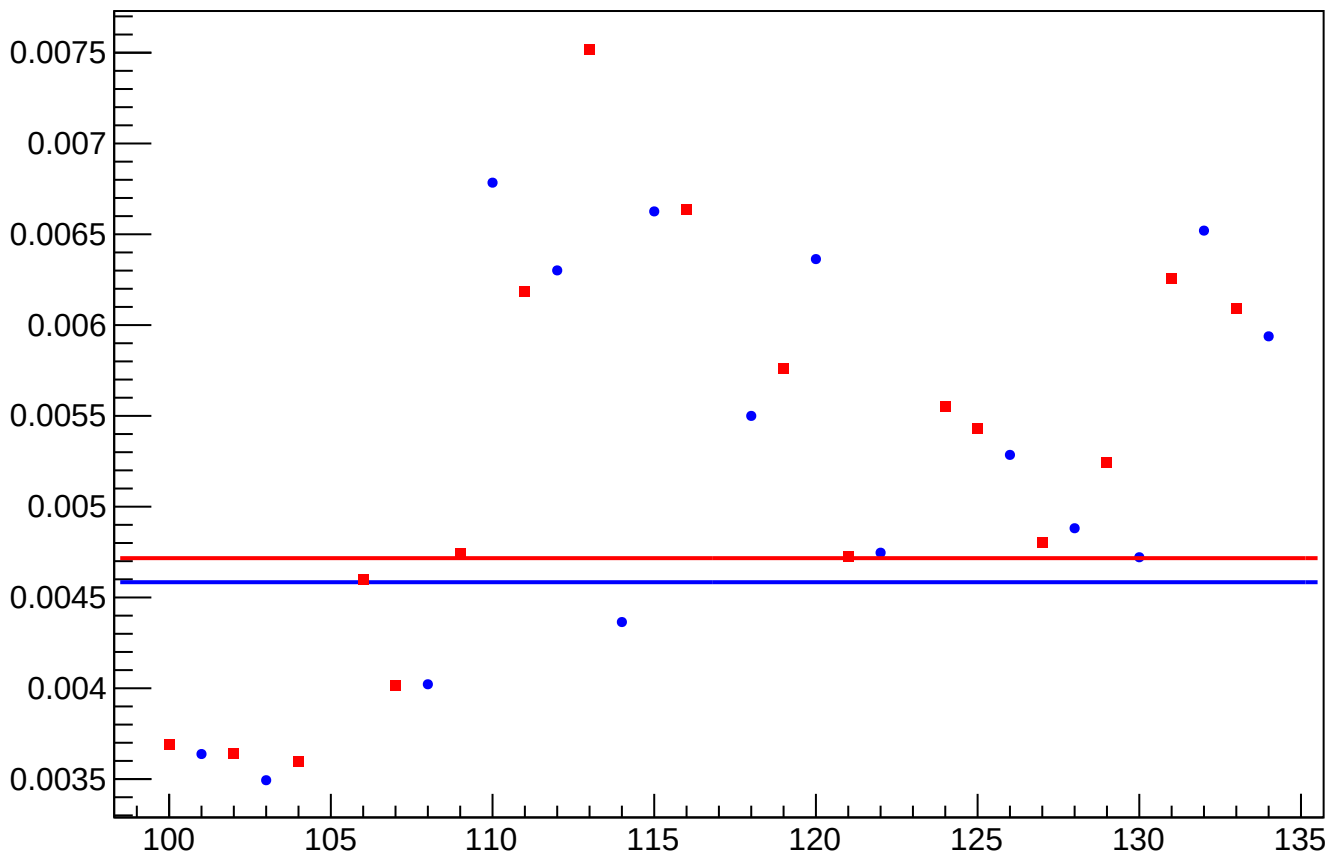
Right: -0.119+/-0.000 χ^2/NDF : 33414473801.5/31

In: -0.133+/-0.000 χ^2/NDF :16722536164.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.119+/-0.000 χ^2/NDF : 33414473801.5/31

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 548861.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 571073.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

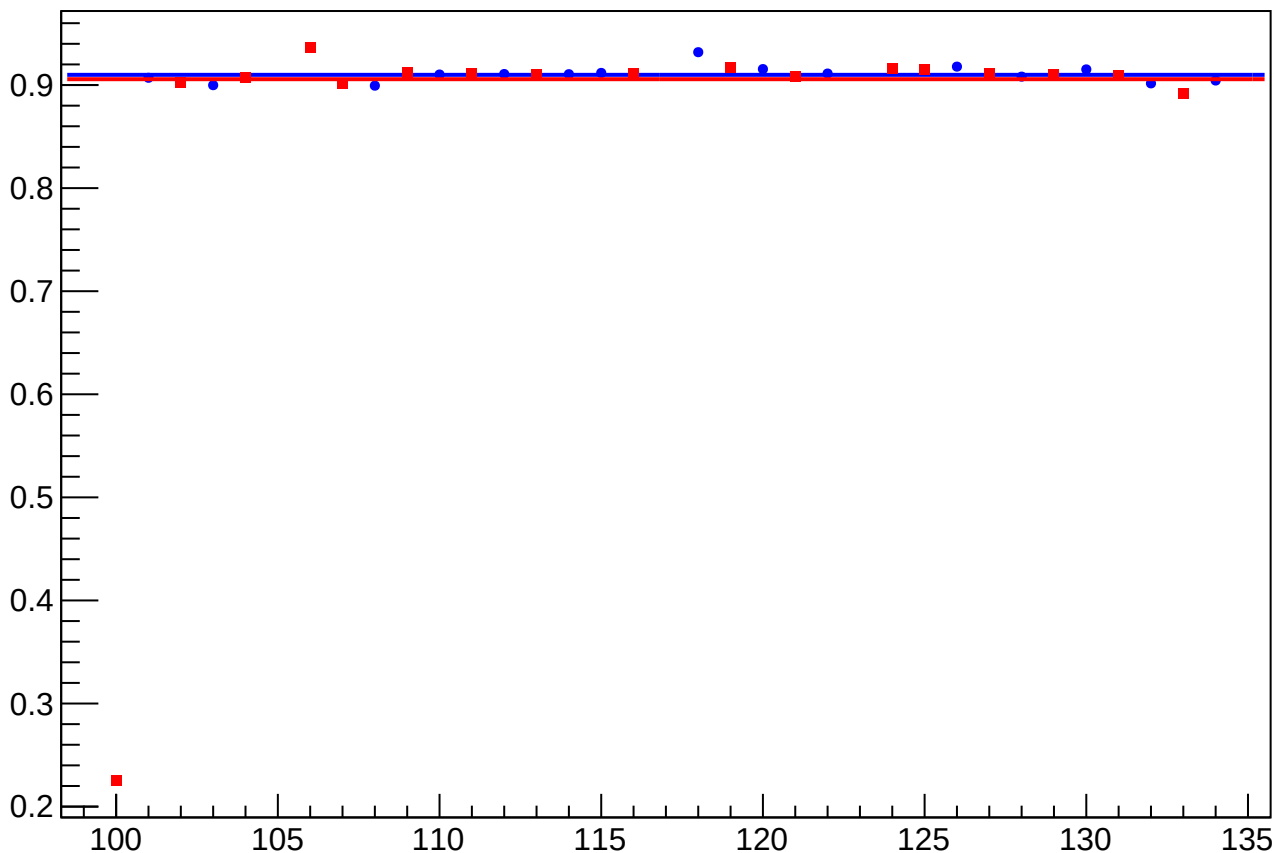
Right: 0.005+/-0.000 χ^2/NDF : 1124443.9/31

In: 0.005+/-0.000 χ^2/NDF :548861.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1124443.9/31

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 3113805.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.906+/-0.000 χ^2/NDF : 219064575.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

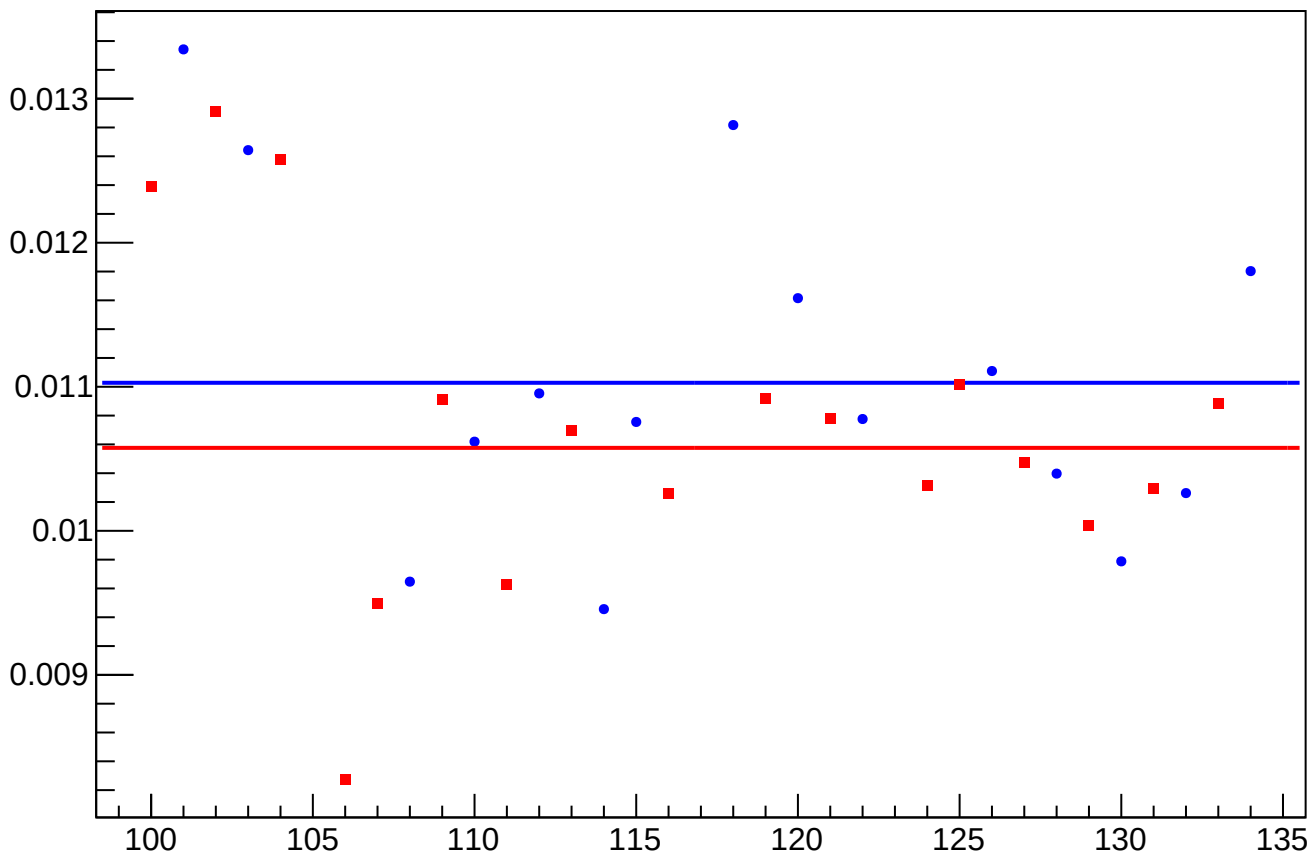
Right: 0.908+/-0.000 χ^2/NDF : 222658217.2/31

In: 0.910+/-0.000 χ^2/NDF :3113805.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.908+/-0.000 χ^2/NDF : 222658217.2/31

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 130312.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 140385.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

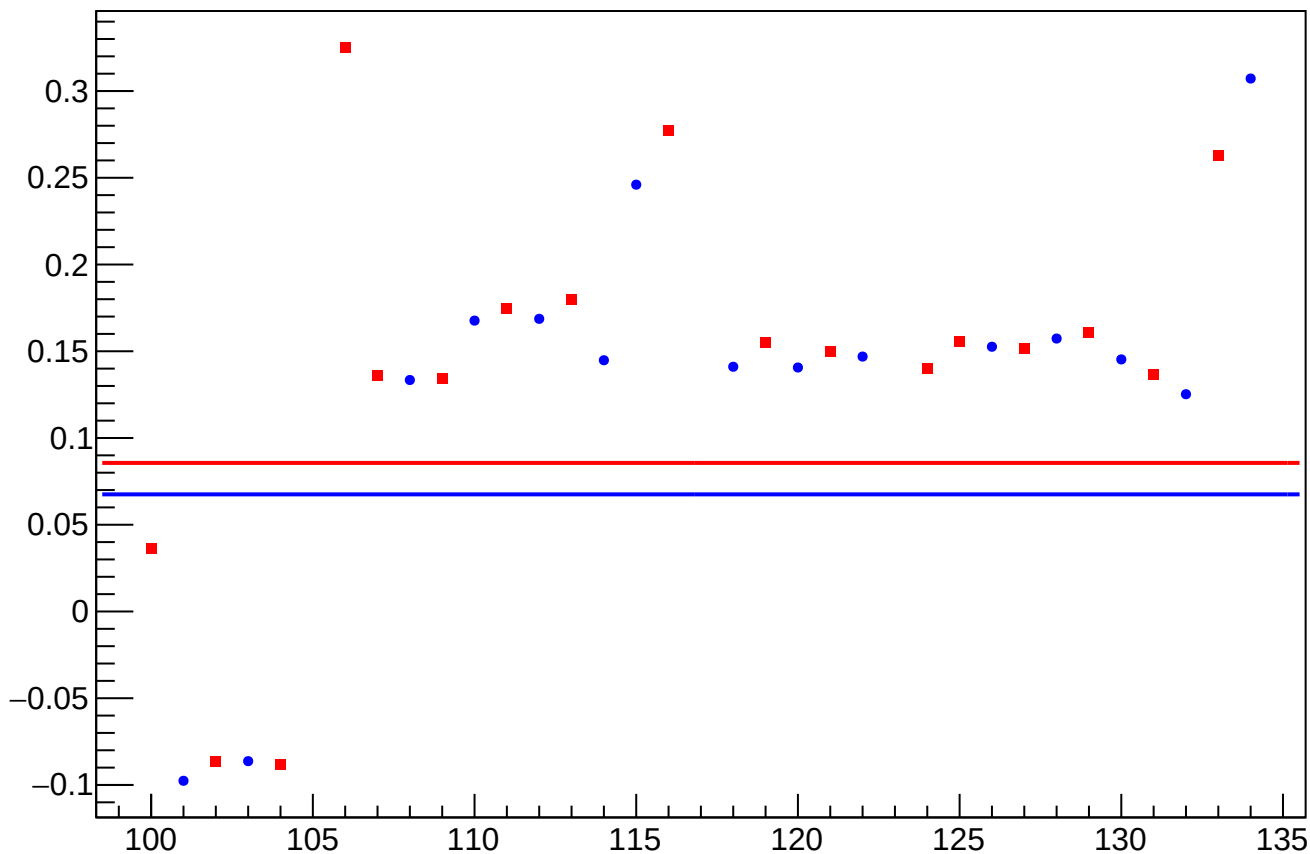
Right: 0.011+/-0.000 χ^2/NDF : 281679.3/31

In: 0.011+/-0.000 χ^2/NDF :130312.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 281679.3/31

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.000

χ^2/NDF : 3316392091.6/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000

χ^2/NDF : 3589491449.5/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.077+/-0.000

χ^2/NDF : 6942358341.1/31

In: 0.068+/-0.000

χ^2/NDF : 3316392091.6/14

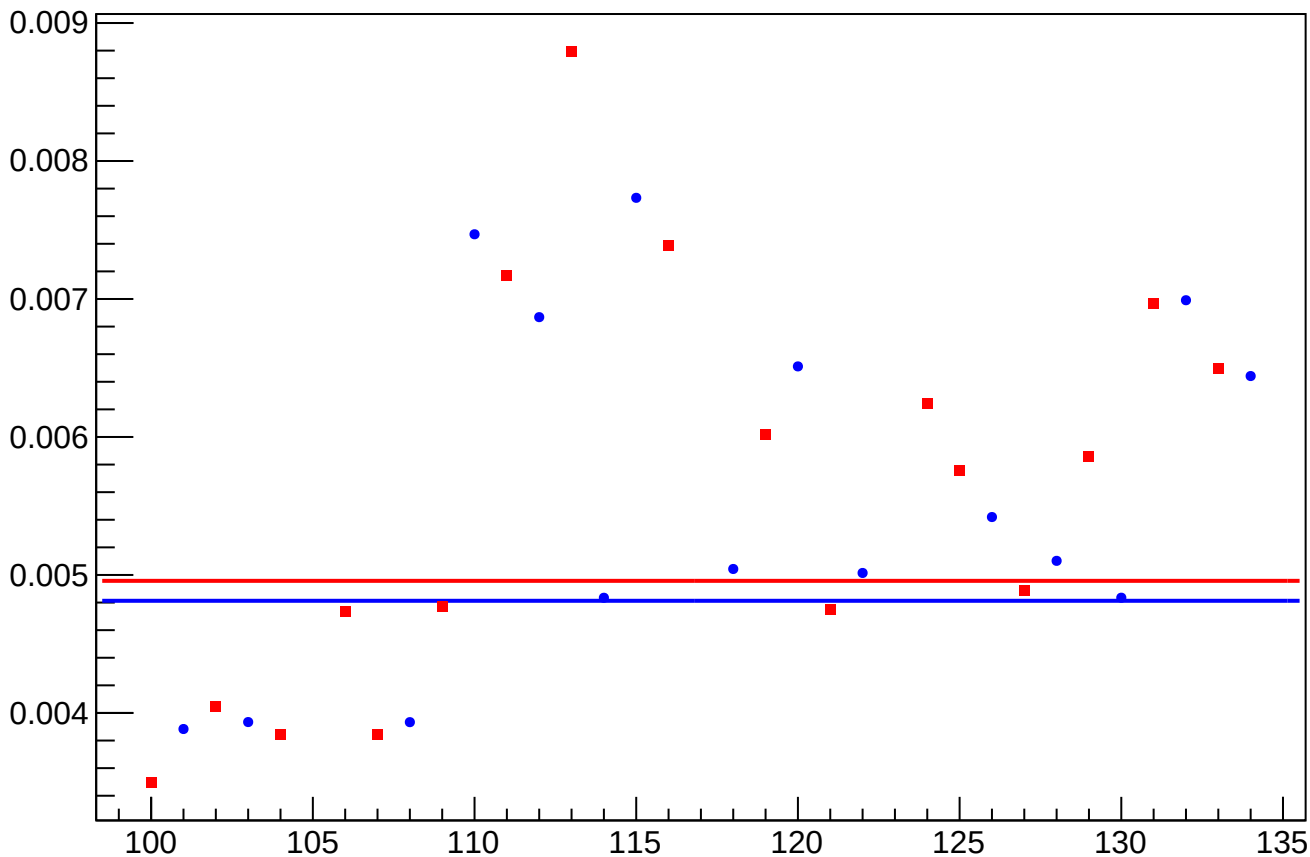
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.077+/-0.000

χ^2/NDF : 6942358341.1/31

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 499745.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 653338.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

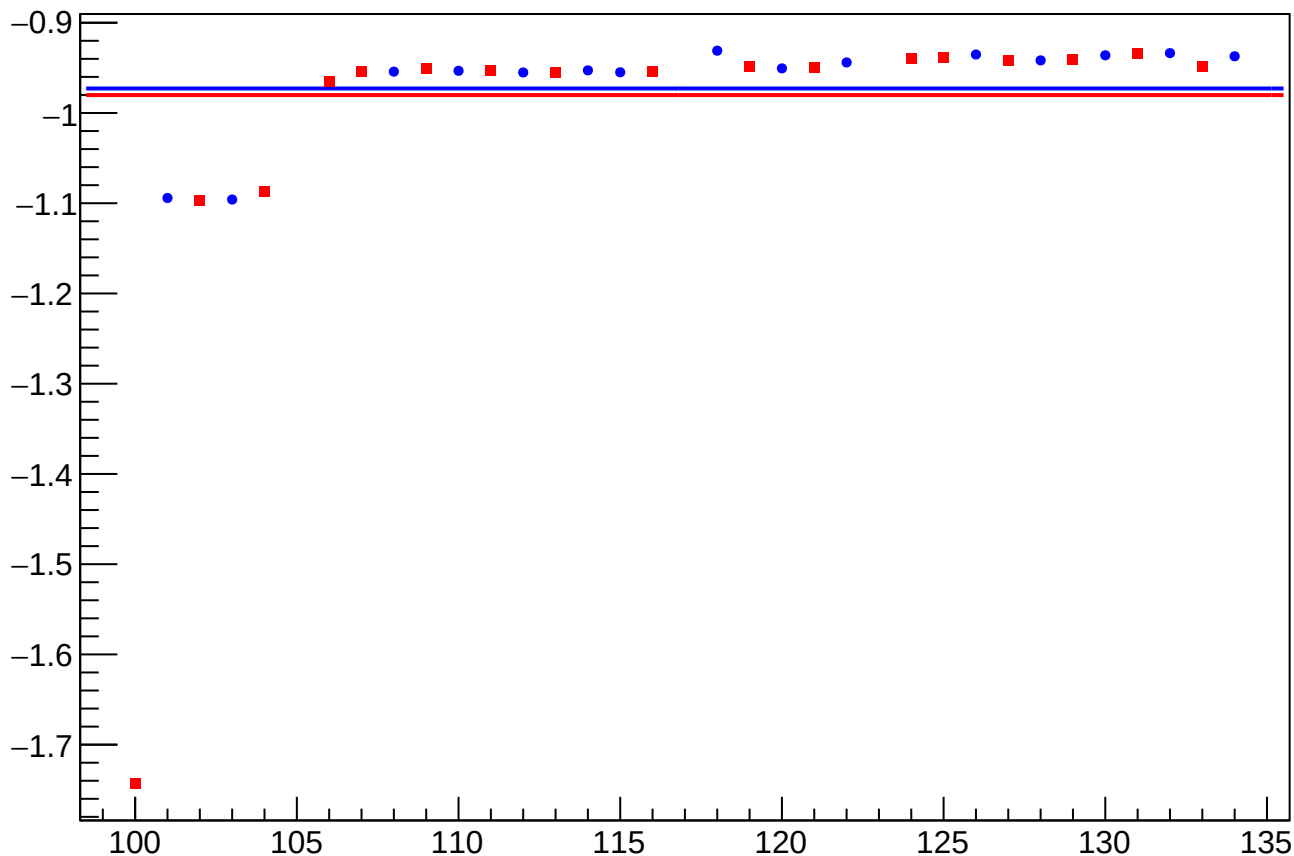
Right: 0.005+/-0.000 χ^2/NDF : 1157721.9/31

In: 0.005+/-0.000 χ^2/NDF :499745.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1157721.9/31

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.973+/-0.000 χ^2/NDF : 151569675.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.980+/-0.000 χ^2/NDF : 446792263.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

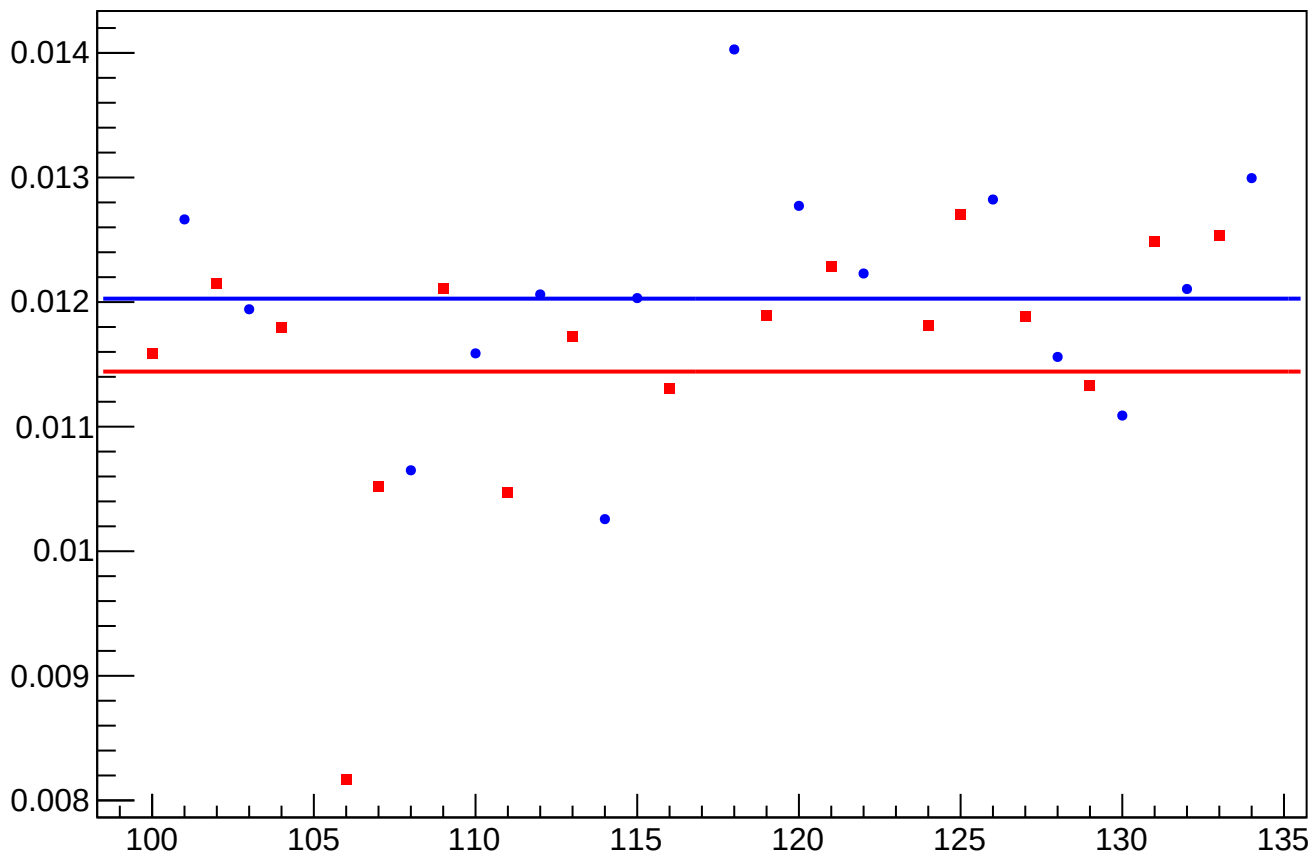
Right: -0.977+/-0.000 χ^2/NDF : 599566209.2/31

In: -0.973+/-0.000 χ^2/NDF :151569675.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.977+/-0.000 χ^2/NDF : 599566209.2/31

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 62200.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 146372.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

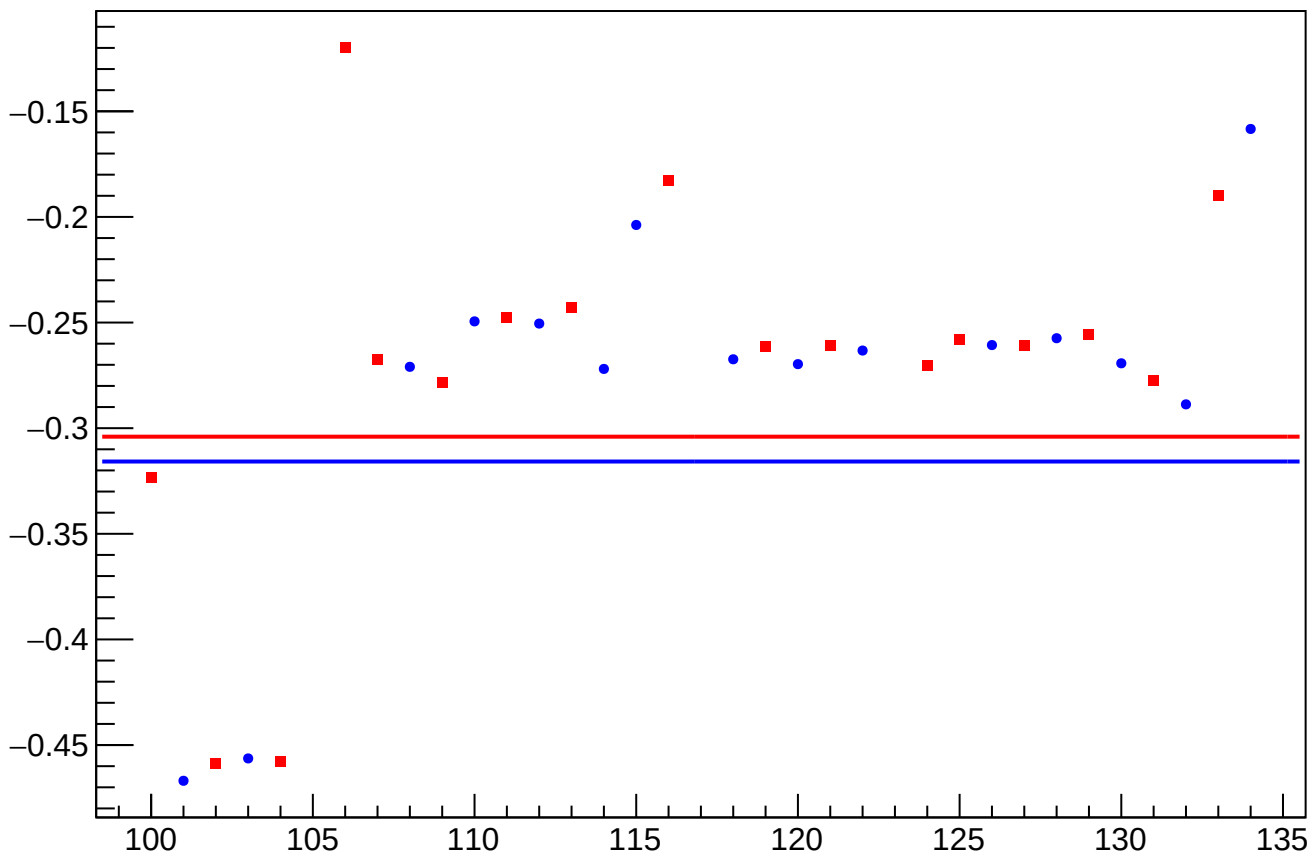
Right: 0.012+/-0.000 χ^2/NDF : 224143.5/31

In: 0.012+/-0.000 χ^2/NDF : 62200.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 224143.5/31

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.316+/-0.000 χ^2/NDF : 2854089970.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.304+/-0.000 χ^2/NDF : 2855119556.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

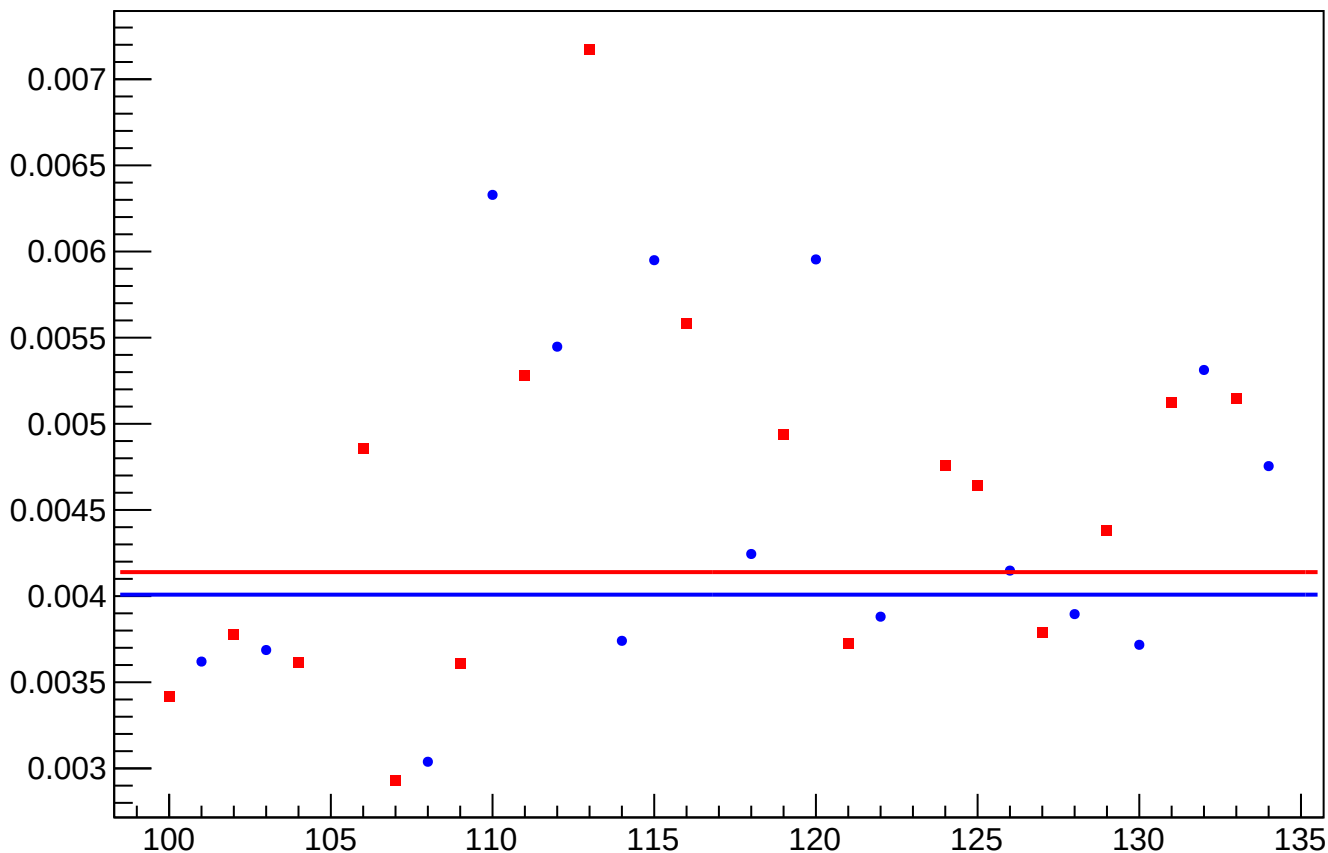
Right: -0.310+/-0.000 χ^2/NDF : 5731555789.2/31

In: -0.316+/-0.000 χ^2/NDF : 2854089970.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.310+/-0.000 χ^2/NDF : 5731555789.2/31

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 393336.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 469075.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

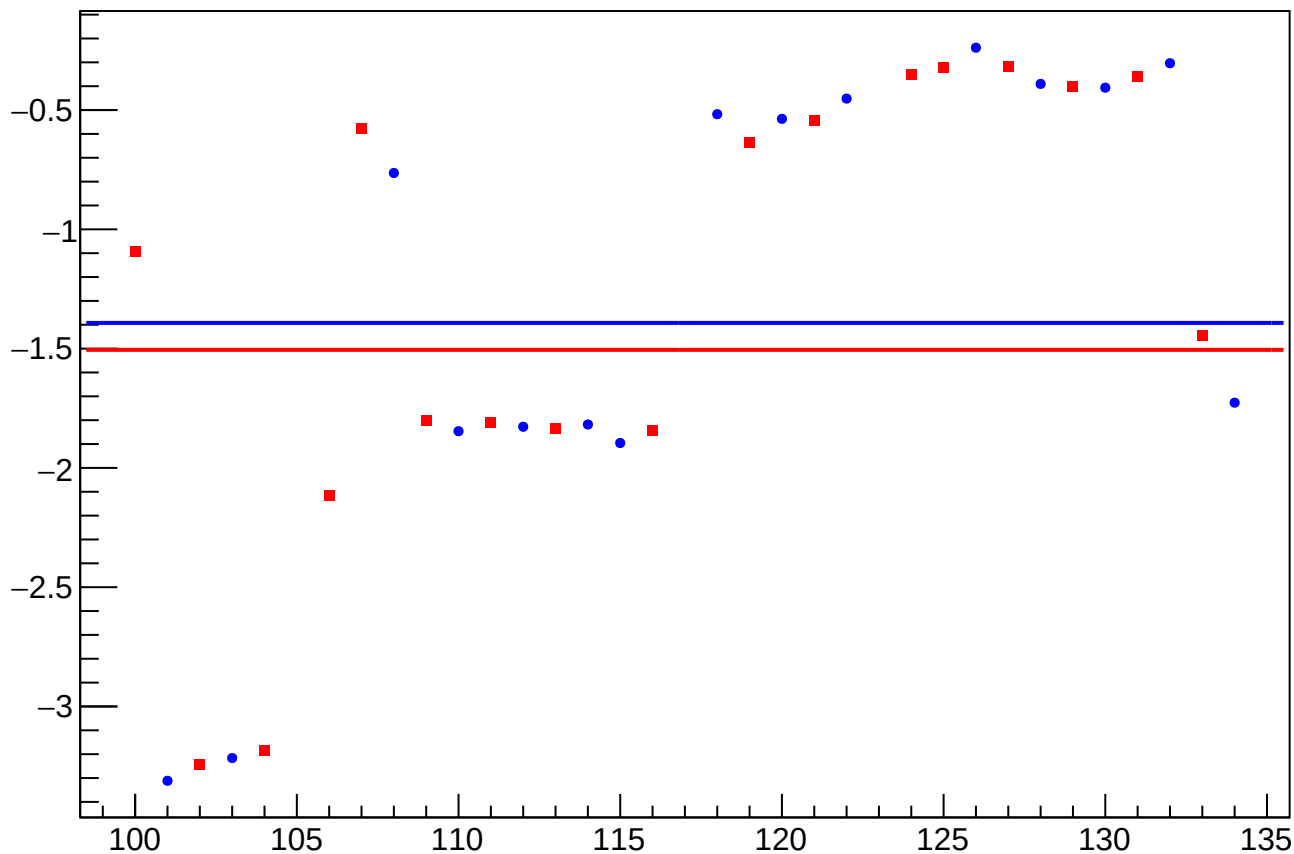
Right: 0.004+/-0.000 χ^2/NDF : 867944.7/31

In: 0.004+/-0.000 χ^2/NDF :393336.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 867944.7/31

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.392+/-0.000 χ^2/NDF : 1432525970.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.505+/-0.000 χ^2/NDF : 1241131766.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

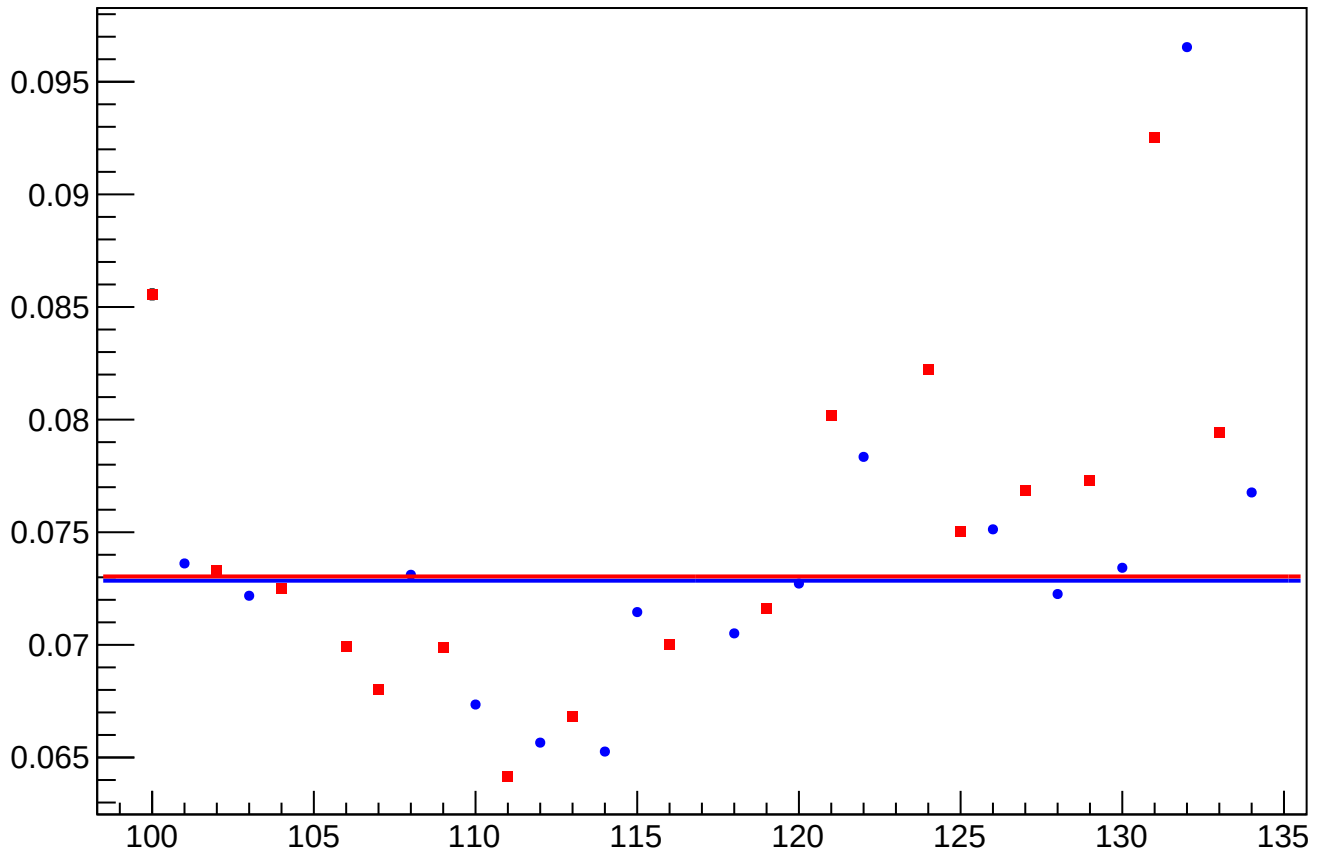
Right: -1.450+/-0.000 χ^2/NDF : 2681290564.0/31

In: -1.392+/-0.000 χ^2/NDF :1432525970.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.450+/-0.000 χ^2/NDF : 2681290564.0/31

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 75397.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 89099.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

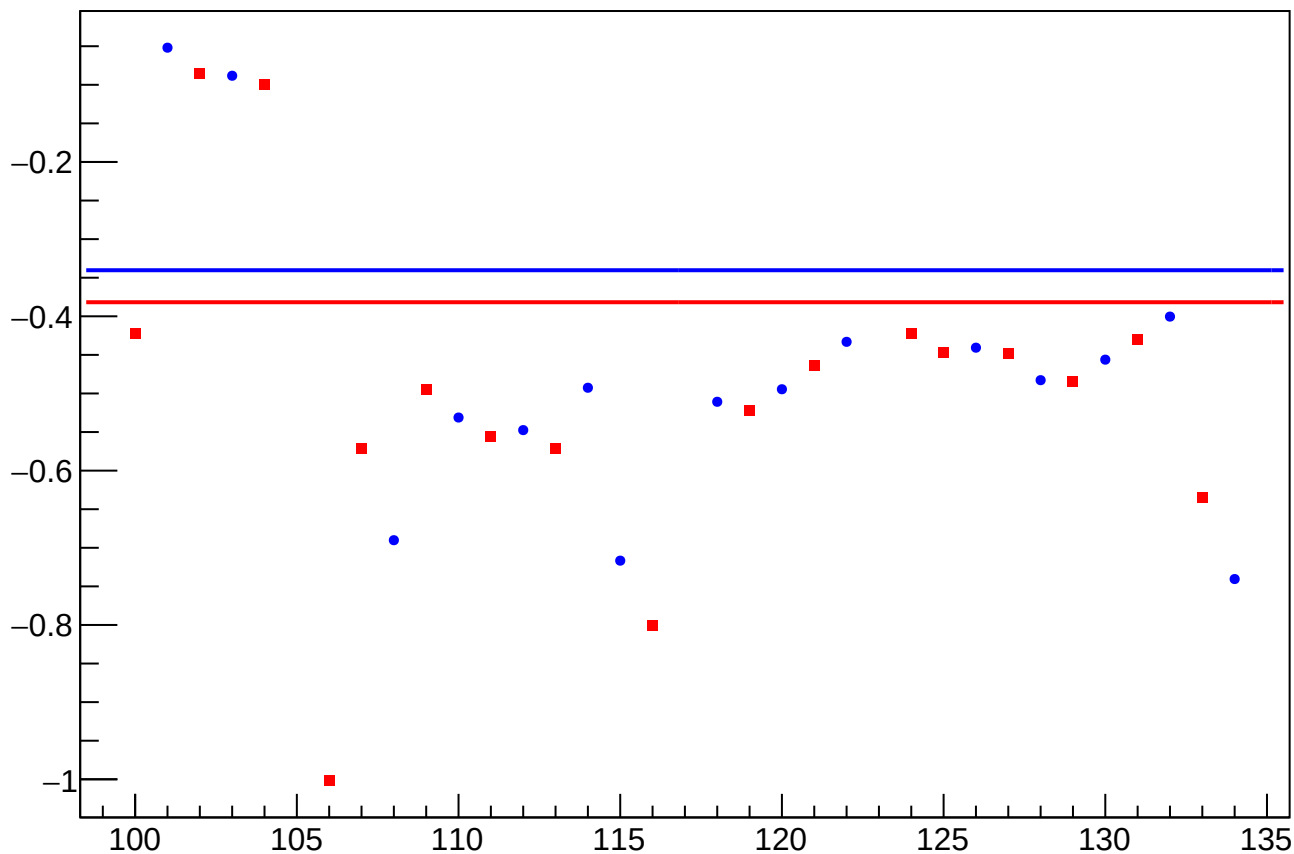
Right: 0.073+/-0.000 χ^2/NDF : 164539.2/31

In: 0.073+/-0.000 χ^2/NDF : 75397.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.000 χ^2/NDF : 164539.2/31

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.340+/-0.000 χ^2/NDF : 2000326277.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.382+/-0.000 χ^2/NDF : 2577288026.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

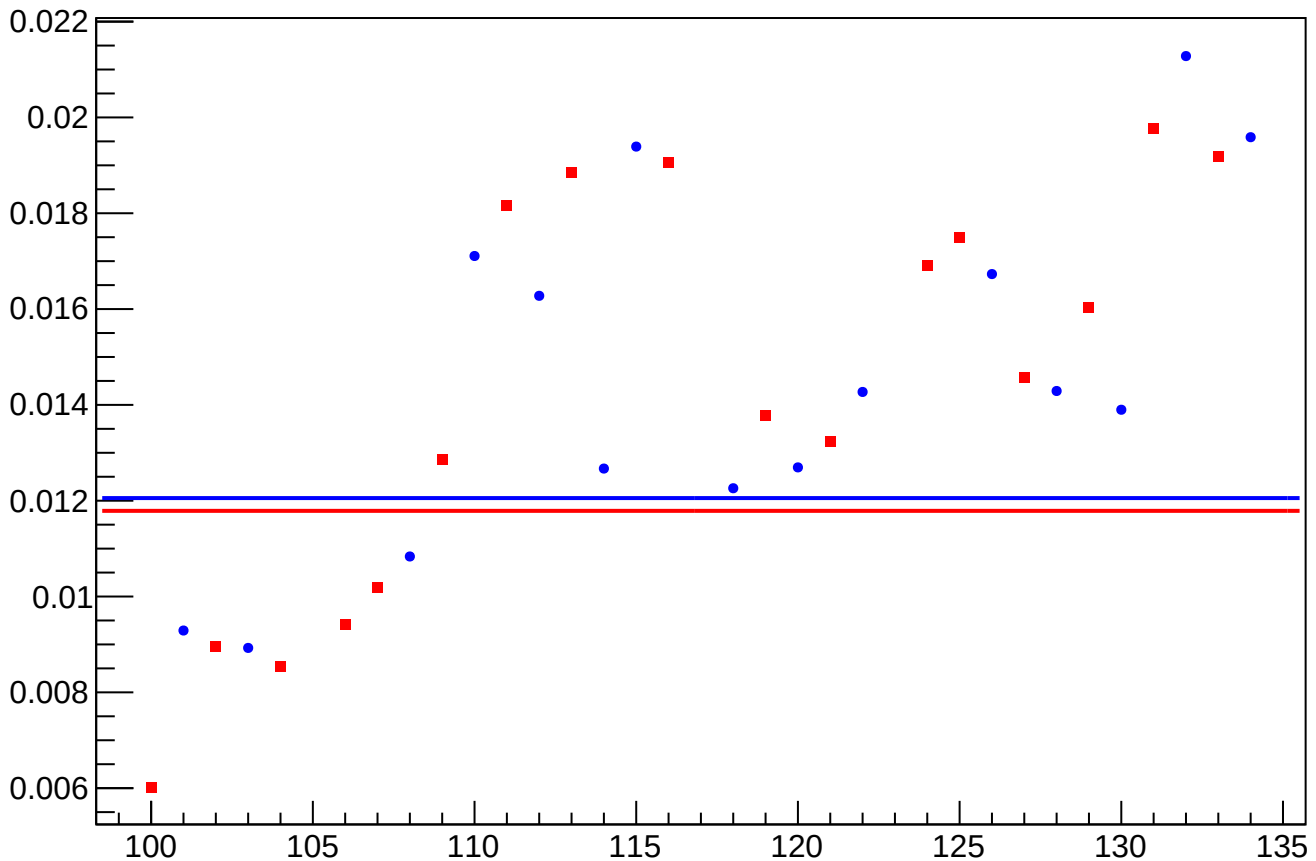
Right: -0.362+/-0.000 χ^2/NDF : 4609308522.5/31

In: -0.340+/-0.000 χ^2/NDF : 2000326277.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.362+/-0.000 χ^2/NDF : 4609308522.5/31

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 710174.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1122389.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

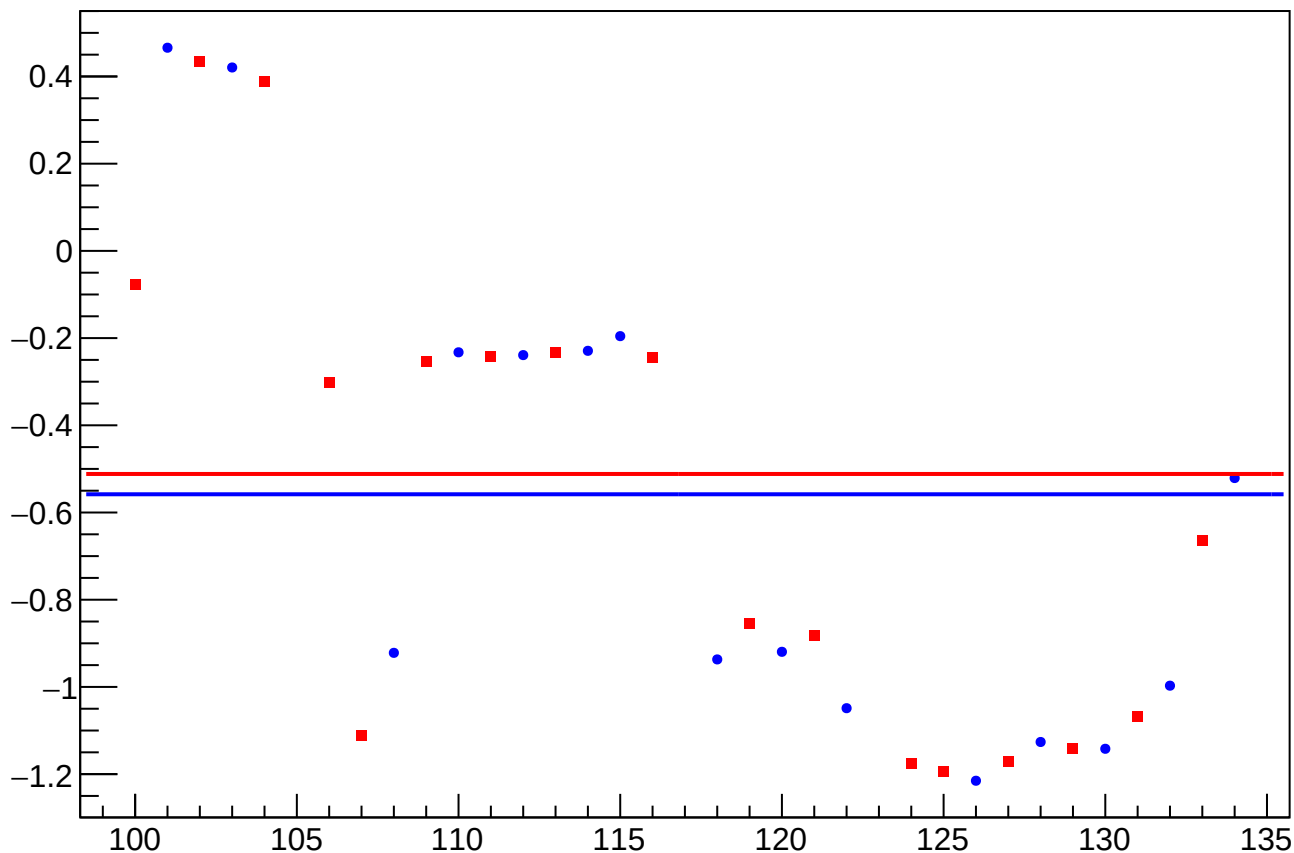
Right: 0.012+/-0.000 χ^2/NDF : 1835185.7/31

In: 0.012+/-0.000 χ^2/NDF :710174.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1835185.7/31

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.558+/-0.000 χ^2/NDF : 288433058.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.512+/-0.000 χ^2/NDF : 263121278.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

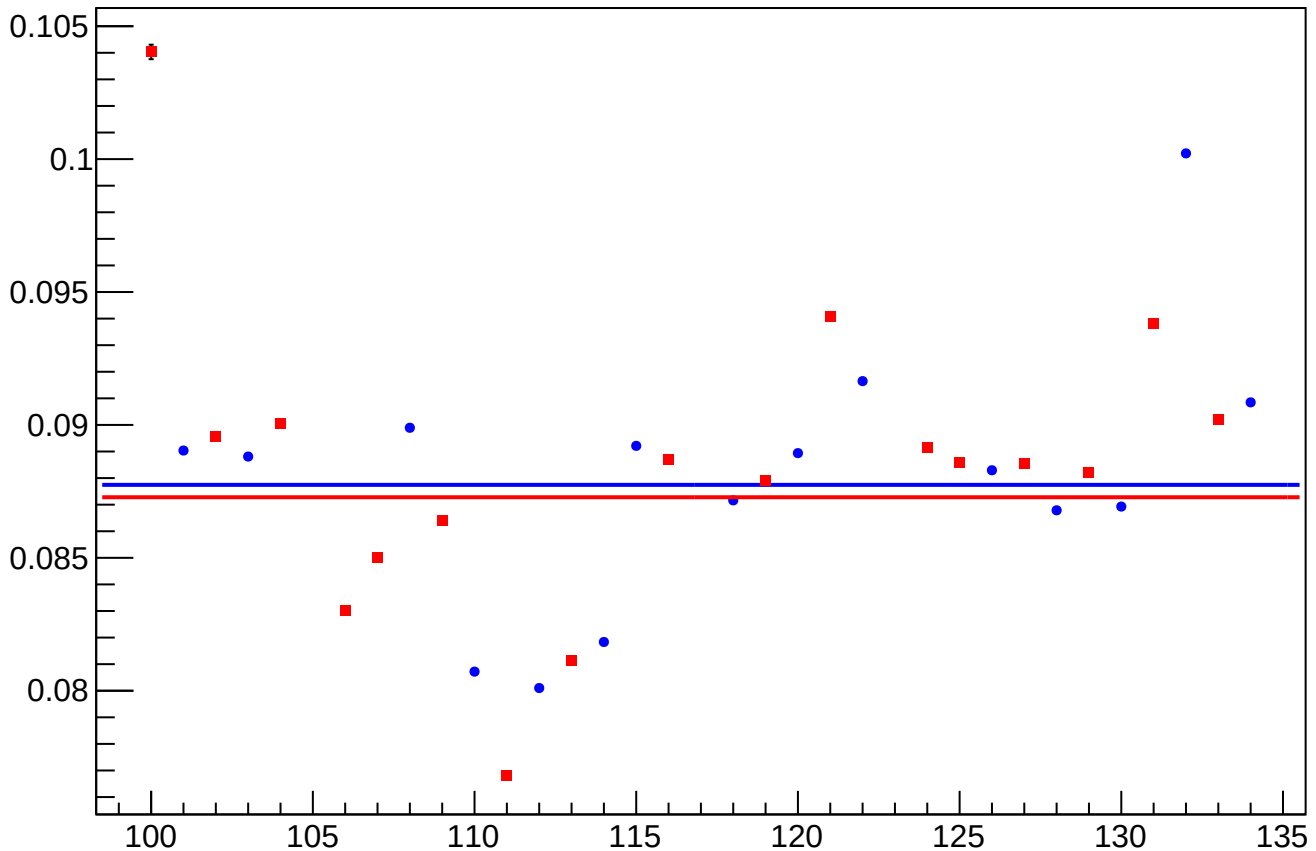
Right: -0.534+/-0.000 χ^2/NDF : 552477715.9/31

In: -0.558+/-0.000 χ^2/NDF :288433058.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.534+/-0.000 χ^2/NDF : 552477715.9/31

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 33008.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 39836.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

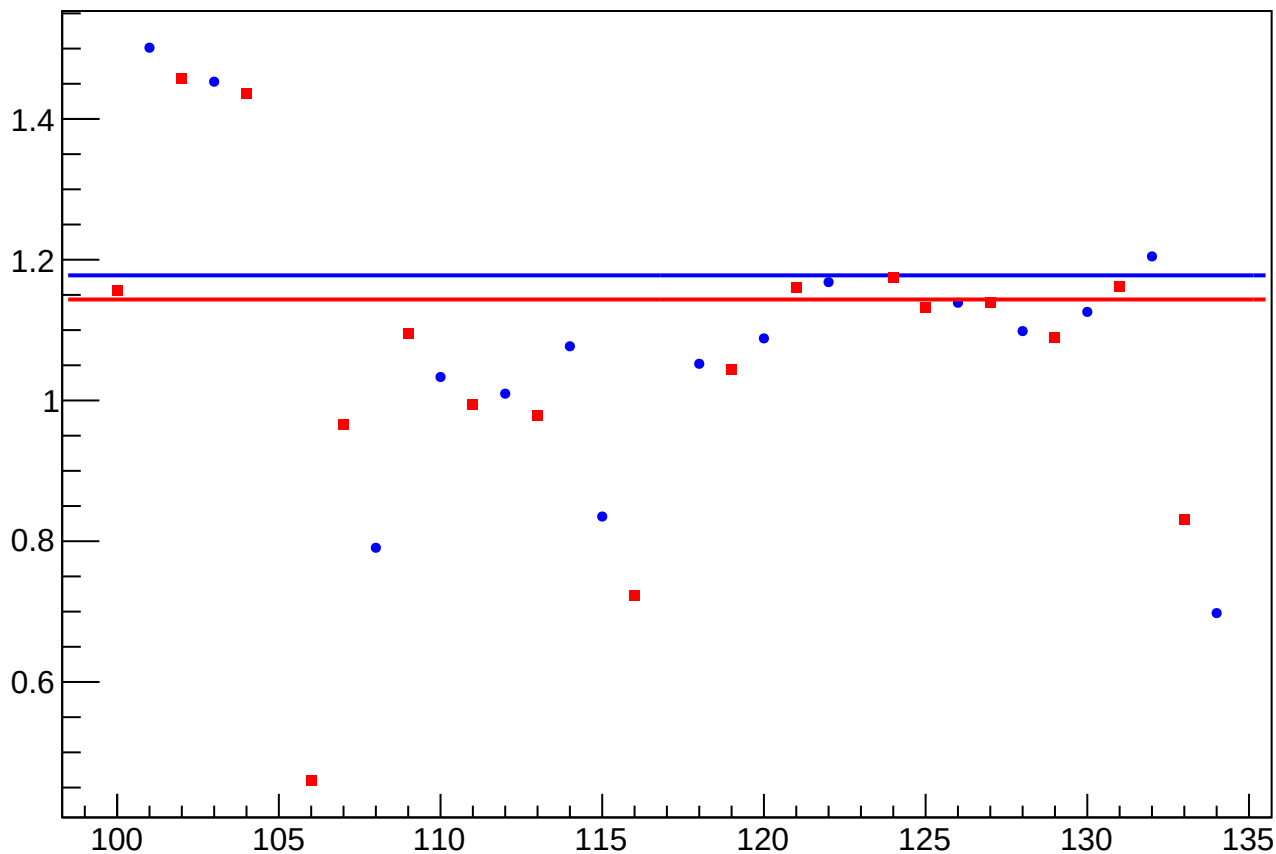
Right: 0.088+/-0.000 χ^2/NDF : 73029.2/31

In: 0.088+/-0.000 χ^2/NDF : 33008.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 73029.2/31

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.178+/-0.000

χ^2/NDF : 1197118418.4/14

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.160+/-0.000

χ^2/NDF : 2682130281.6/31

Right Out: 1.144+/-0.000

χ^2/NDF : 1472450394.4/16

In: 1.178+/-0.000

χ^2/NDF : 1197118418.4/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

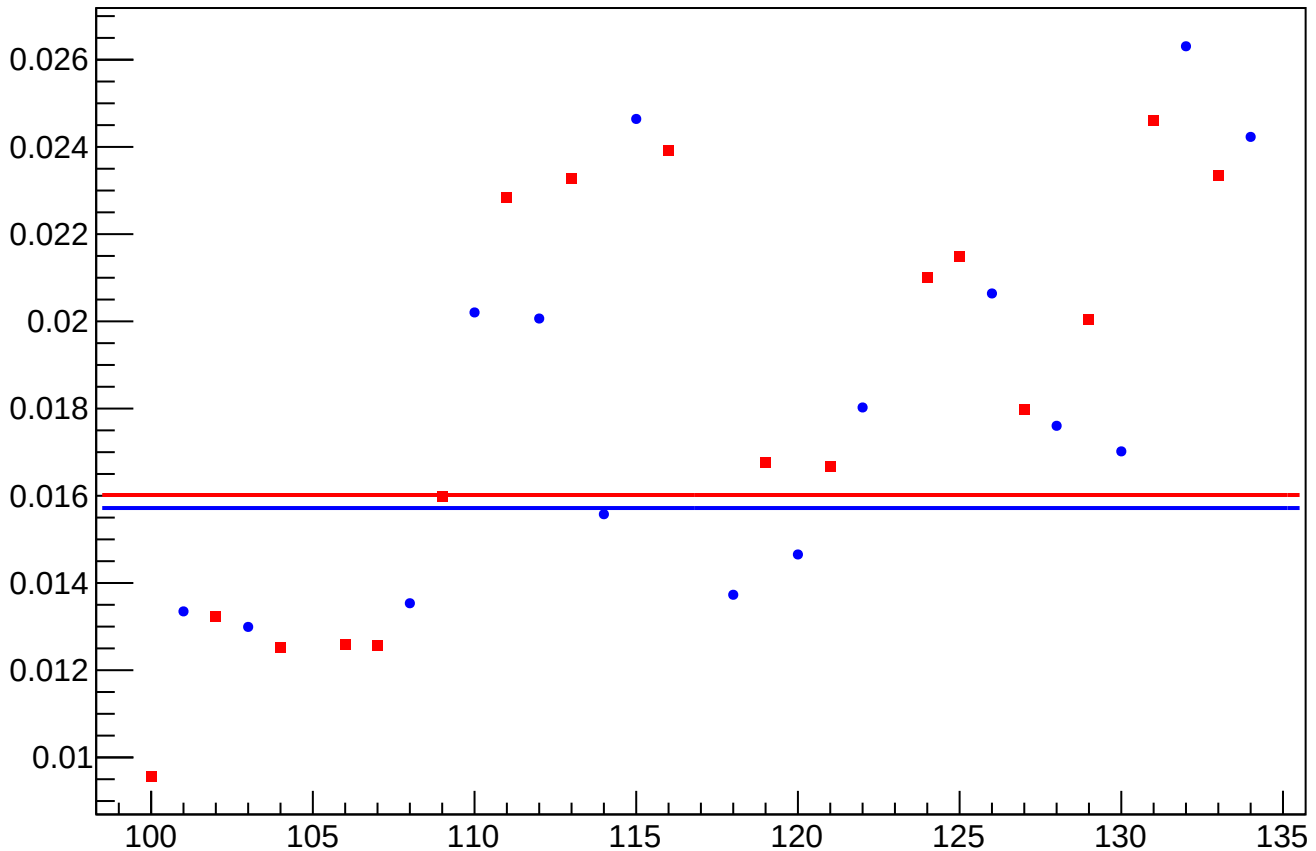
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.160+/-0.000

χ^2/NDF : 2682130281.6/31

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 460876.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 697830.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

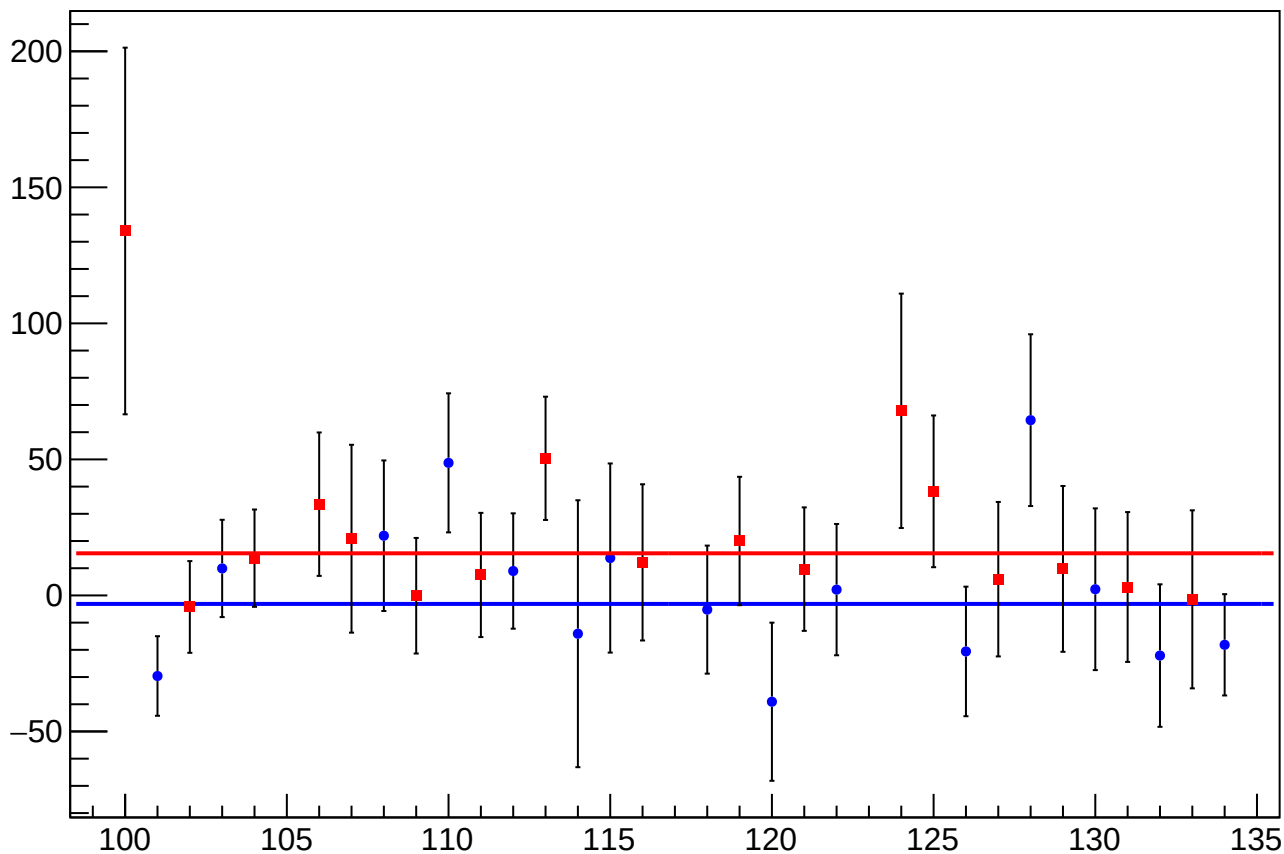
Right: 0.016+/-0.000 χ^2/NDF : 1160618.4/31

In: 0.016+/-0.000 χ^2/NDF :460876.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1160618.4/31

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -3.122 ± 6.079 $\chi^2/\text{NDF}: 17.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.480 ± 6.134 $\chi^2/\text{NDF}: 10.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

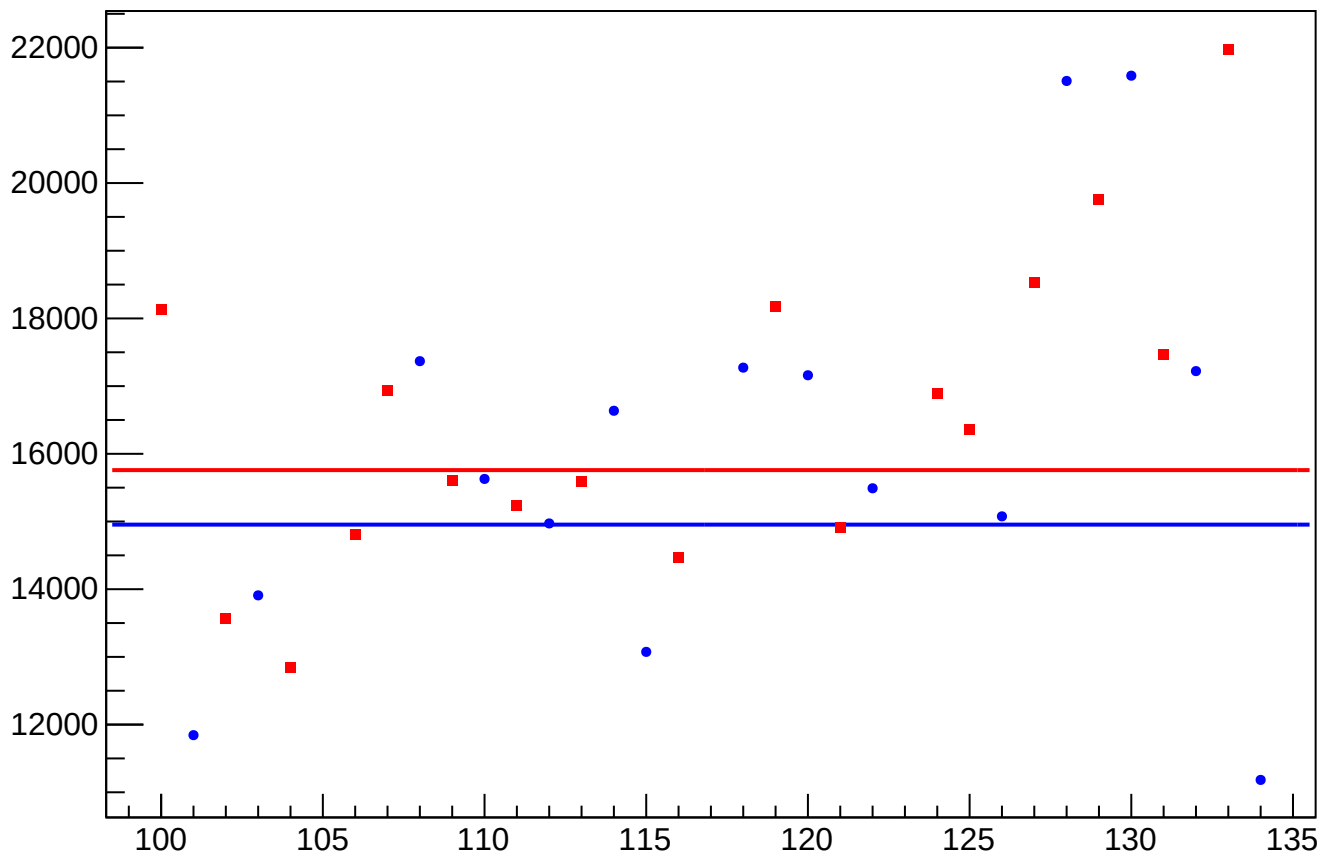
Right: 6.095 ± 4.318 $\chi^2/\text{NDF}: 32.8/31$

In: -3.122 ± 6.079 $\chi^2/\text{NDF}: 17.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.095 ± 4.318 $\chi^2/\text{NDF}: 32.8/31$

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14954.018+/-4.299 χ^2/NDF : 436948.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15759.316+/-4.338 χ^2/NDF : 258935.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

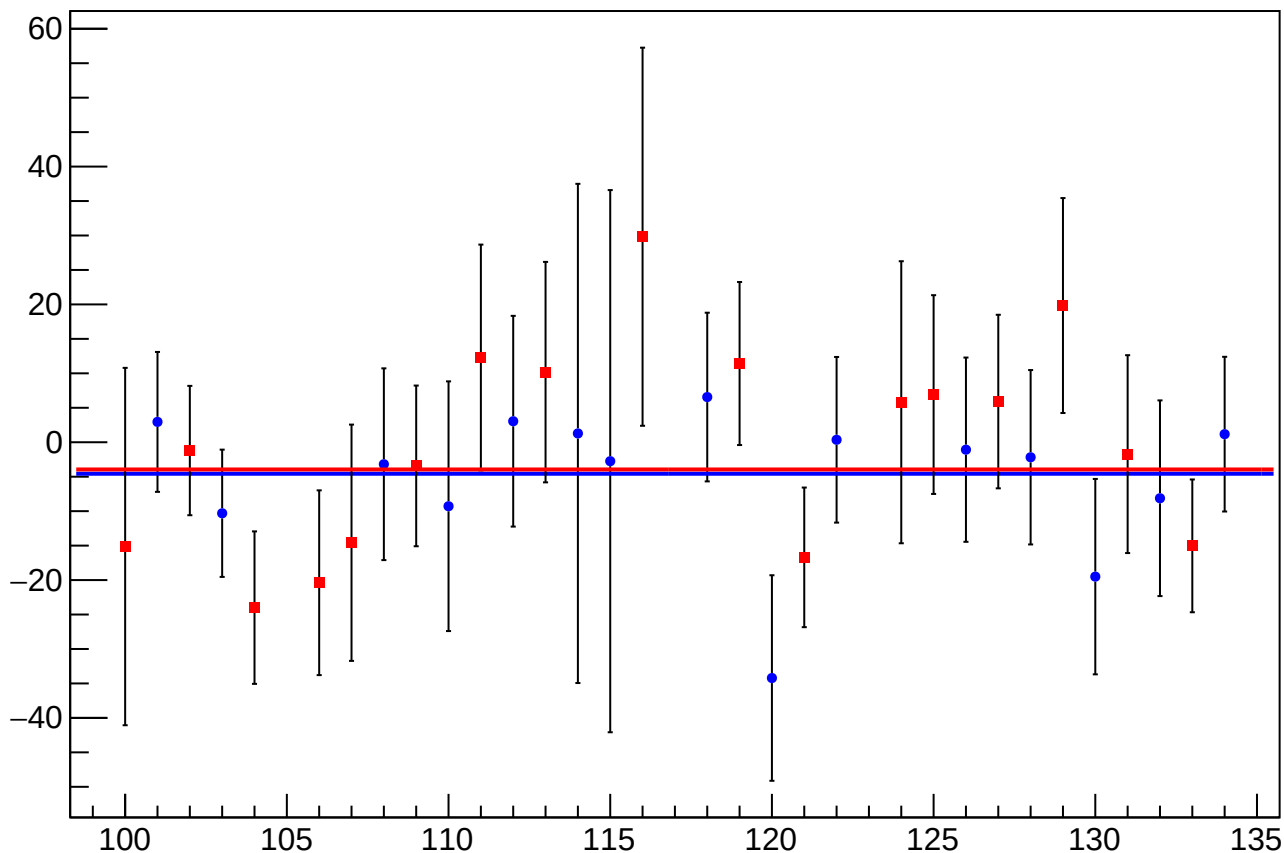
Right: 15353.031+/-3.053 χ^2/NDF : 713272.2/31

In: 14954.018+/-4.299 χ^2/NDF : 436948.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15353.031+/-3.053 χ^2/NDF : 713272.2/31

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.570 ± 3.468 $\chi^2/\text{NDF}: 7.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.951 ± 3.220 $\chi^2/\text{NDF}: 17.1/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

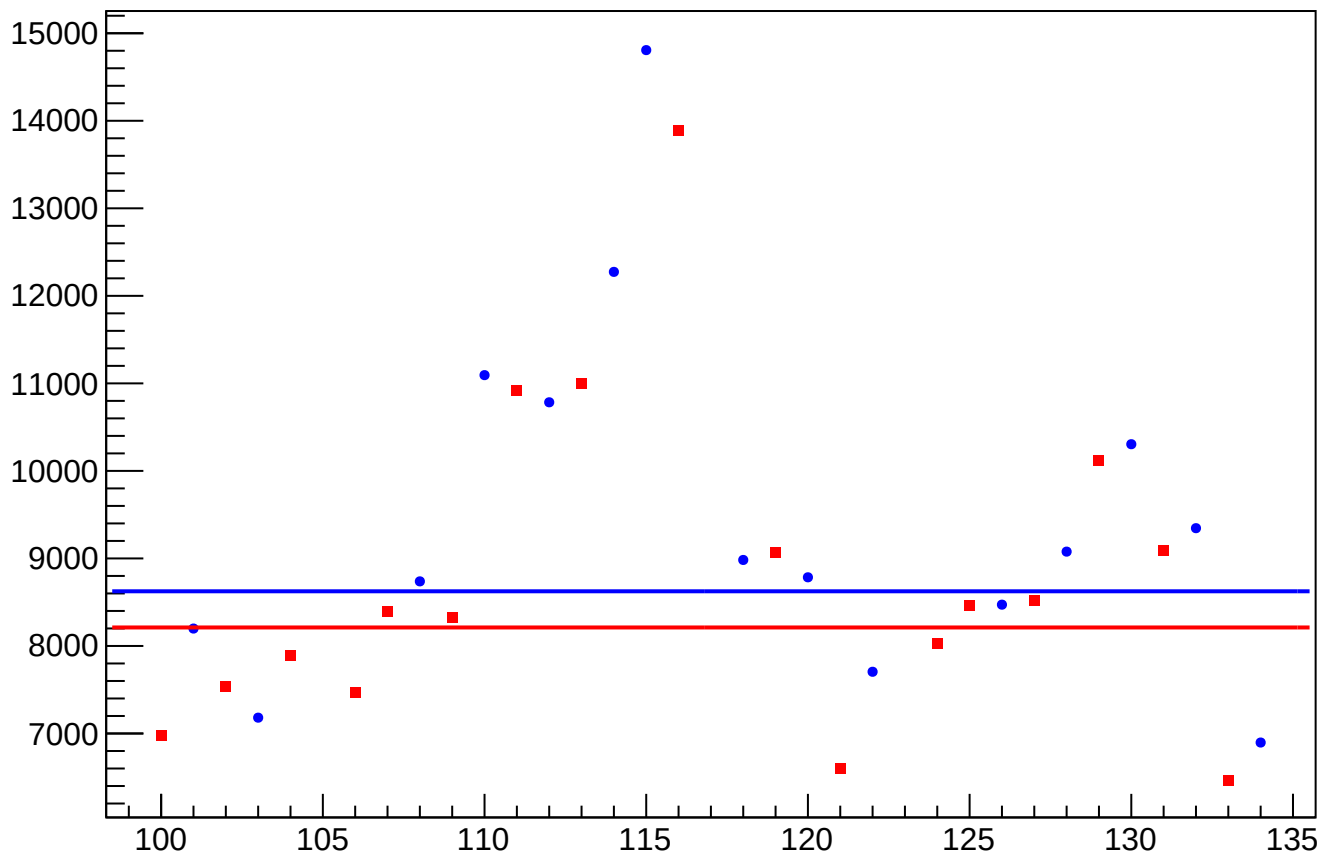
Right: -4.238 ± 2.360 $\chi^2/\text{NDF}: 24.9/31$

In: -4.570 ± 3.468 $\chi^2/\text{NDF}: 7.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.238 ± 2.360 $\chi^2/\text{NDF}: 24.9/31$

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8624.639+/-2.452 χ^2/NDF : 296435.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8211.315+/-2.277 χ^2/NDF : 390399.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

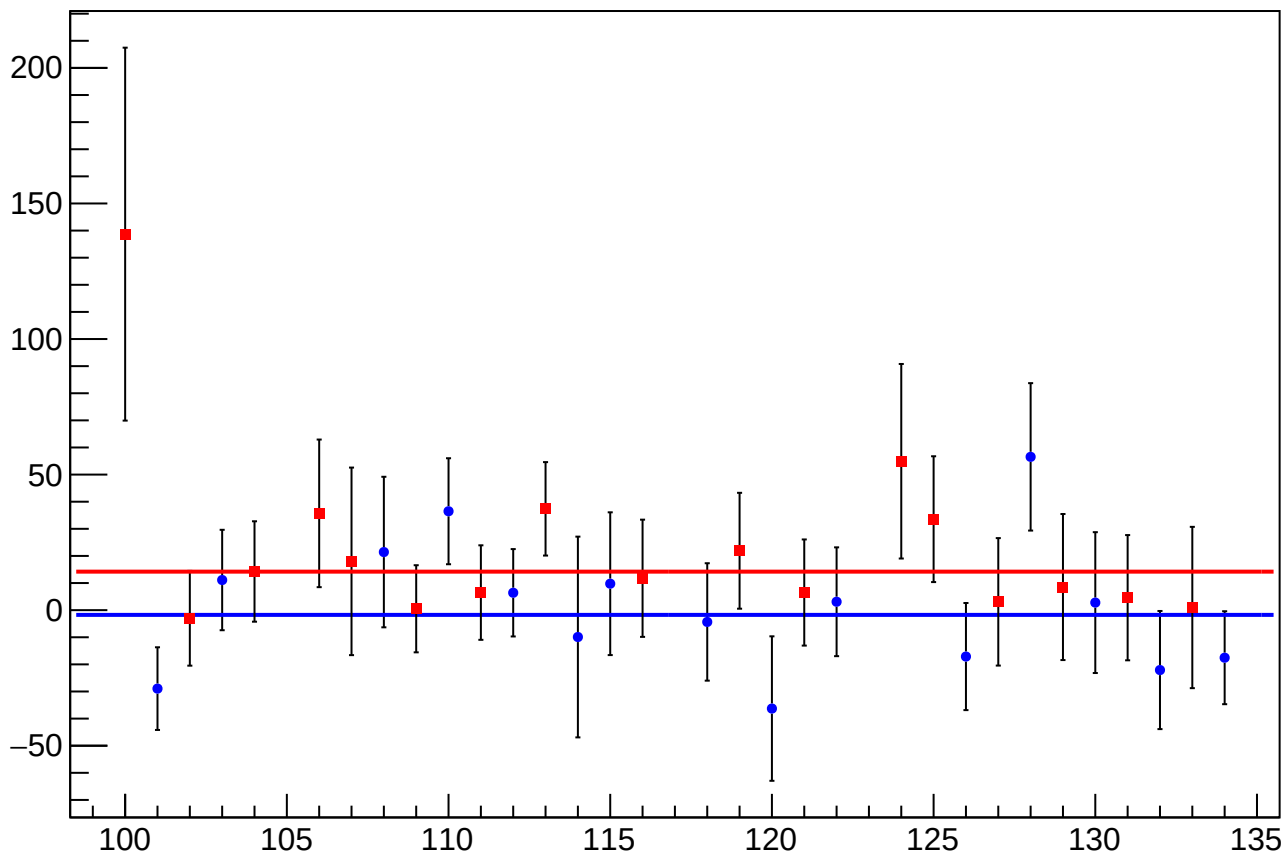
Right: 8402.682+/-1.669 χ^2/NDF : 702089.9/31

In: 8624.639+/-2.452 χ^2/NDF : 296435.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8402.682+/-1.669 χ^2/NDF : 702089.9/31

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -1.746 ± 5.416 χ^2/NDF : 17.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.205 ± 5.354 χ^2/NDF : 10.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

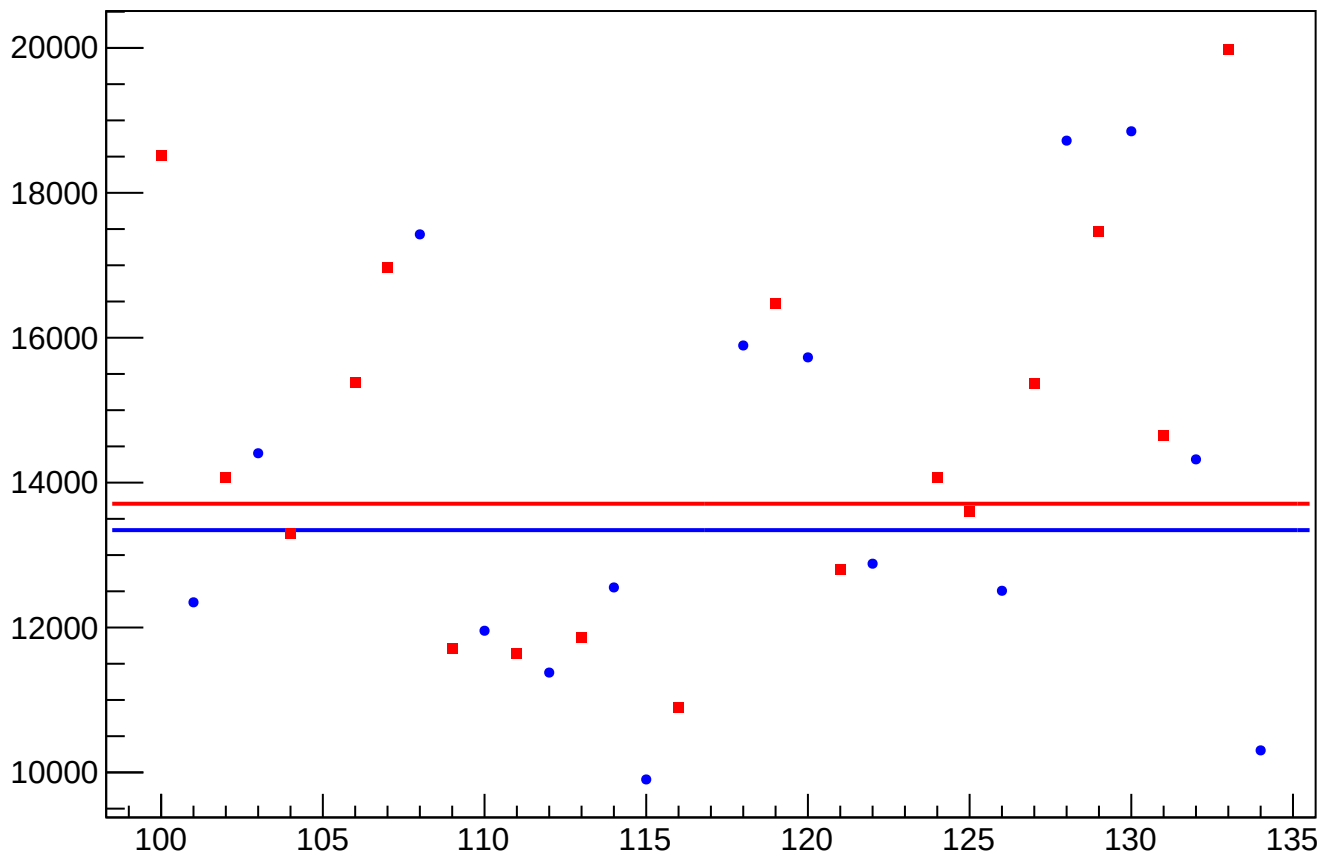
Right: 6.322 ± 3.808 χ^2/NDF : 32.3/31

In: -1.746 ± 5.416 χ^2/NDF : 17.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.322 ± 3.808 χ^2/NDF : 32.3/31

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13344.276+/-3.830 χ^2/NDF : 416678.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13708.601+/-3.786 χ^2/NDF : 332329.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

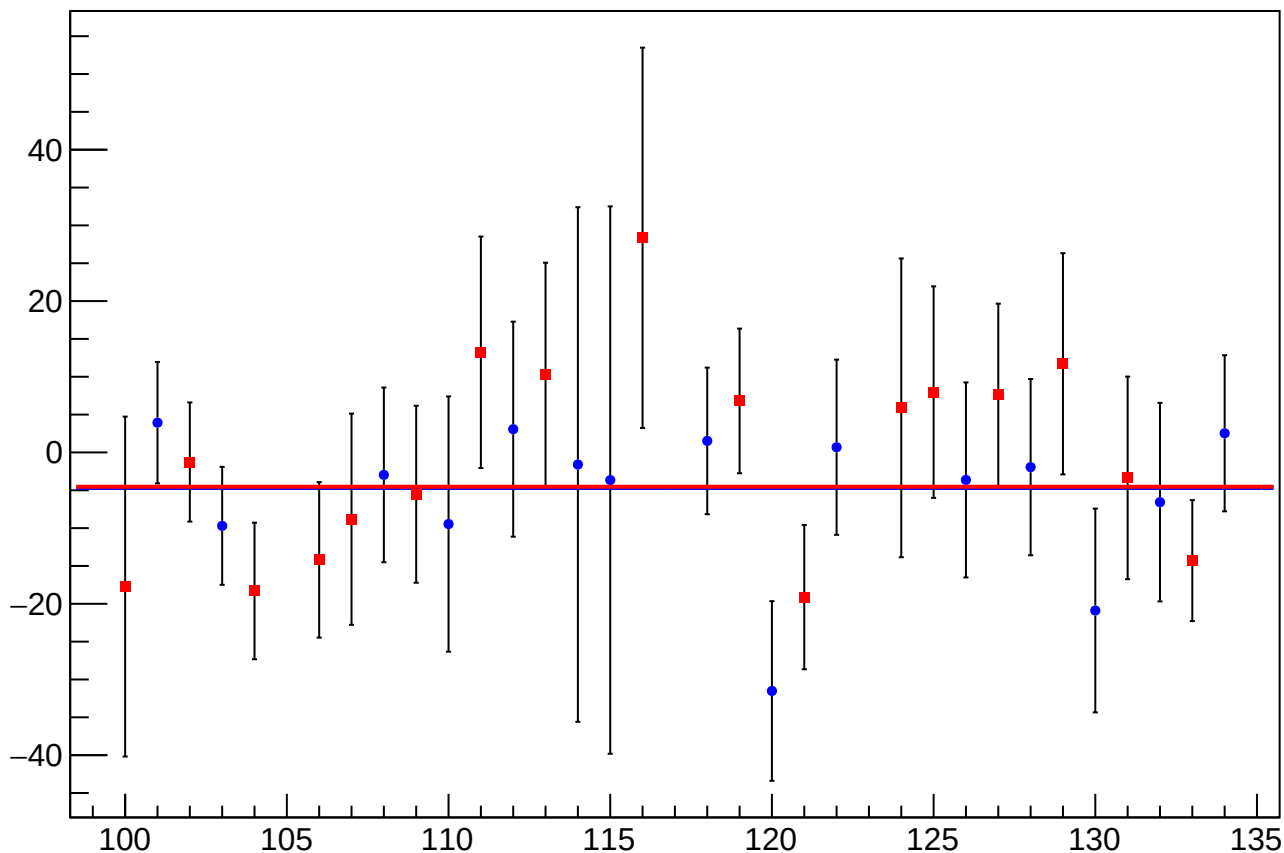
Right: 13528.546+/-2.692 χ^2/NDF : 753584.5/31

In: 13344.276+/-3.830 χ^2/NDF :416678.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13528.546+/-2.692 χ^2/NDF : 753584.5/31

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.693 ± 3.030 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.533 ± 2.826 χ^2/NDF : 16.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

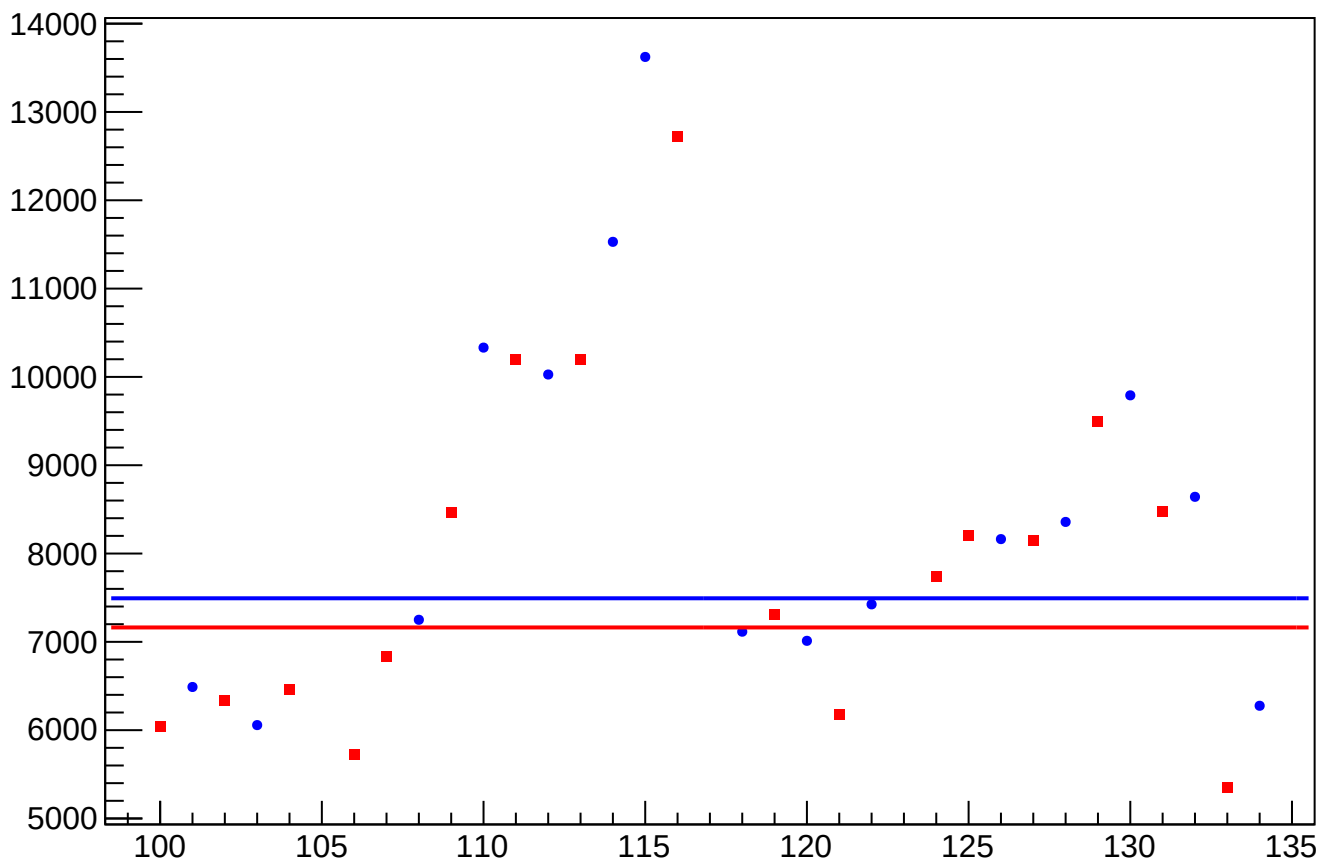
Right: -4.607 ± 2.067 χ^2/NDF : 26.2/31

In: -4.693 ± 3.030 χ^2/NDF : 9.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.607 ± 2.067 χ^2/NDF : 26.2/31

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7493.323+/-2.142 χ^2/NDF : 430365.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7163.052+/-1.998 χ^2/NDF : 586022.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

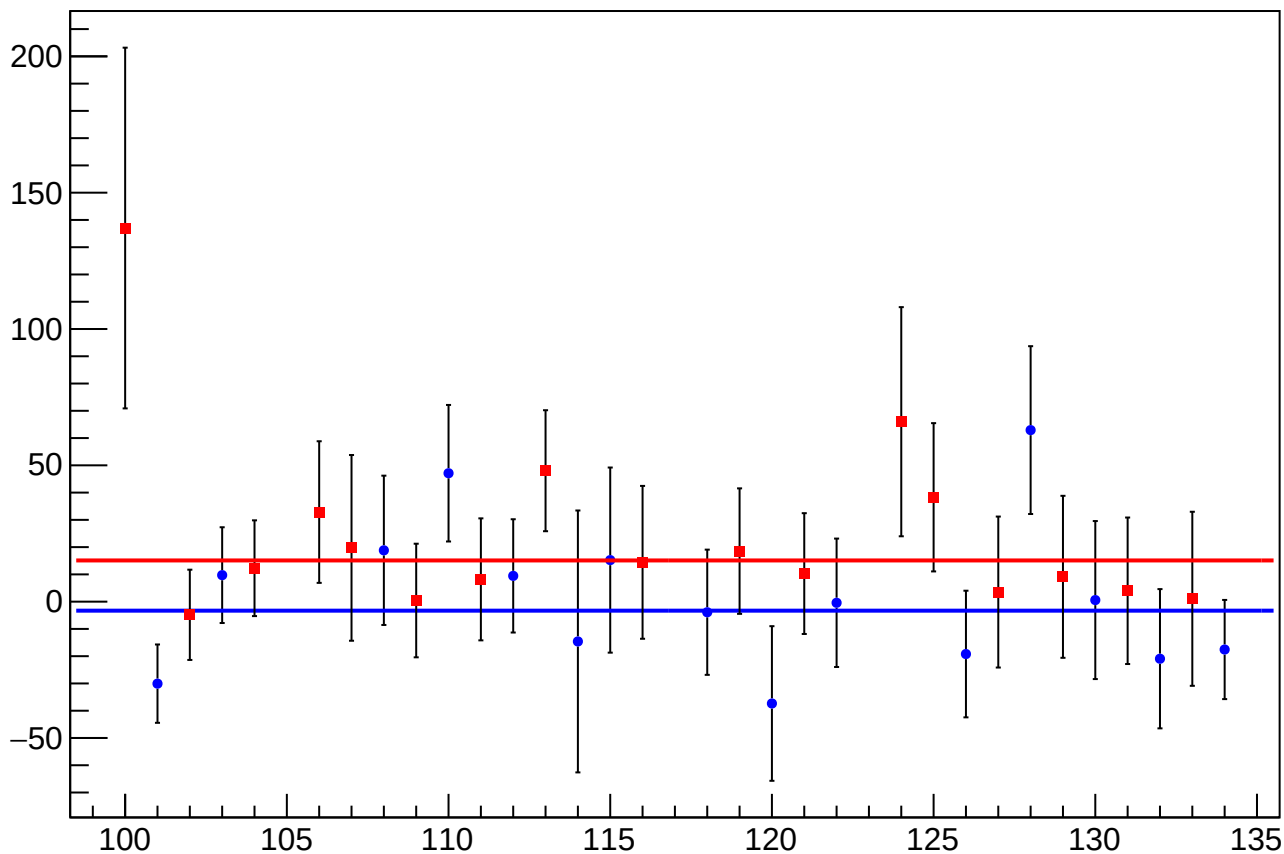
Right: 7316.740+/-1.461 χ^2/NDF : 1029096.7/31

In: 7493.323+/-2.142 χ^2/NDF : 430365.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7316.740+/-1.461 χ^2/NDF : 1029096.7/31

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -3.305+/-5.951 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.115+/-6.006 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

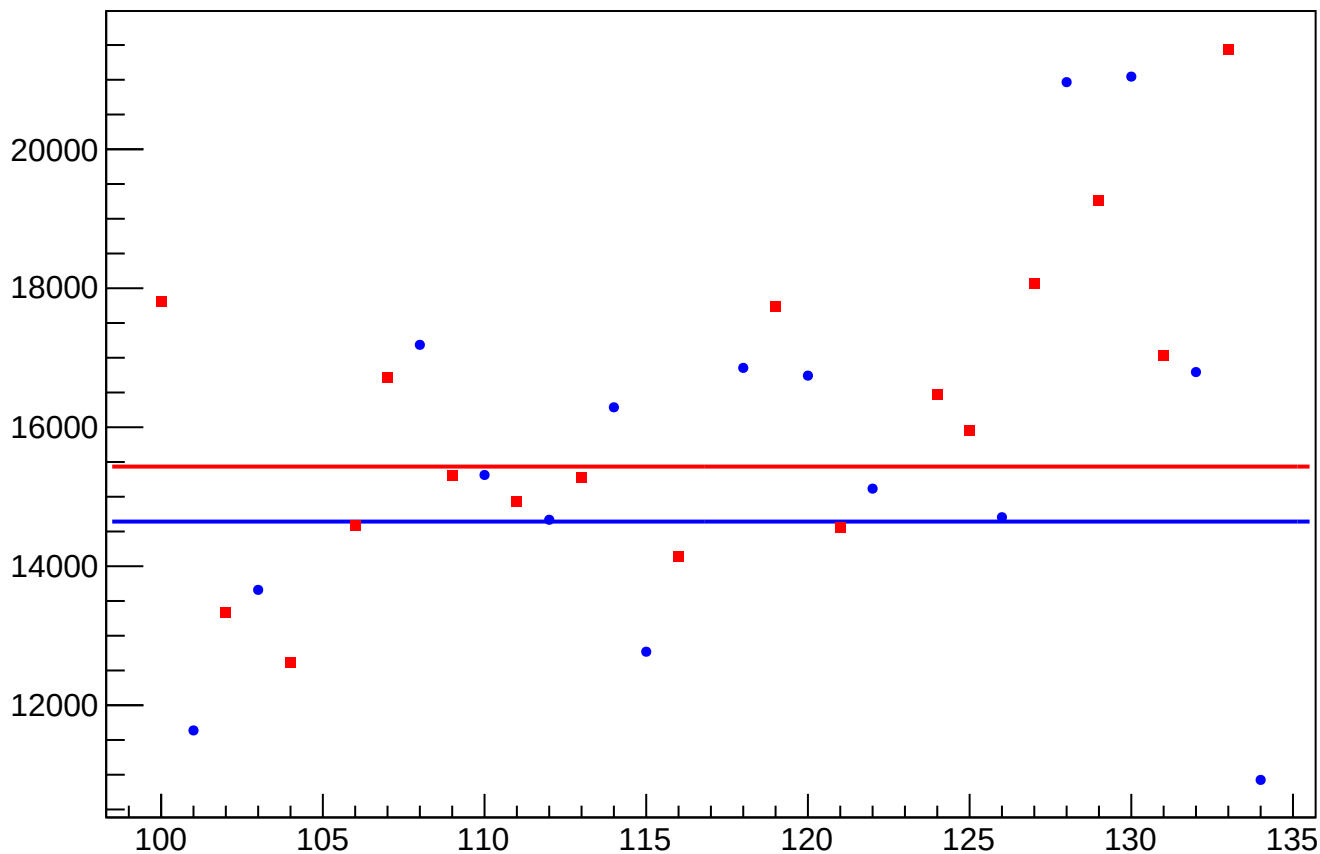
Right: 5.820+/-4.227 χ^2/NDF : 32.9/31

In: -3.305+/-5.951 χ^2/NDF : 17.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.820+/-4.227 χ^2/NDF : 32.9/31

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14642.692+/-4.208 χ^2/NDF : 431052.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15433.996+/-4.247 χ^2/NDF : 251260.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

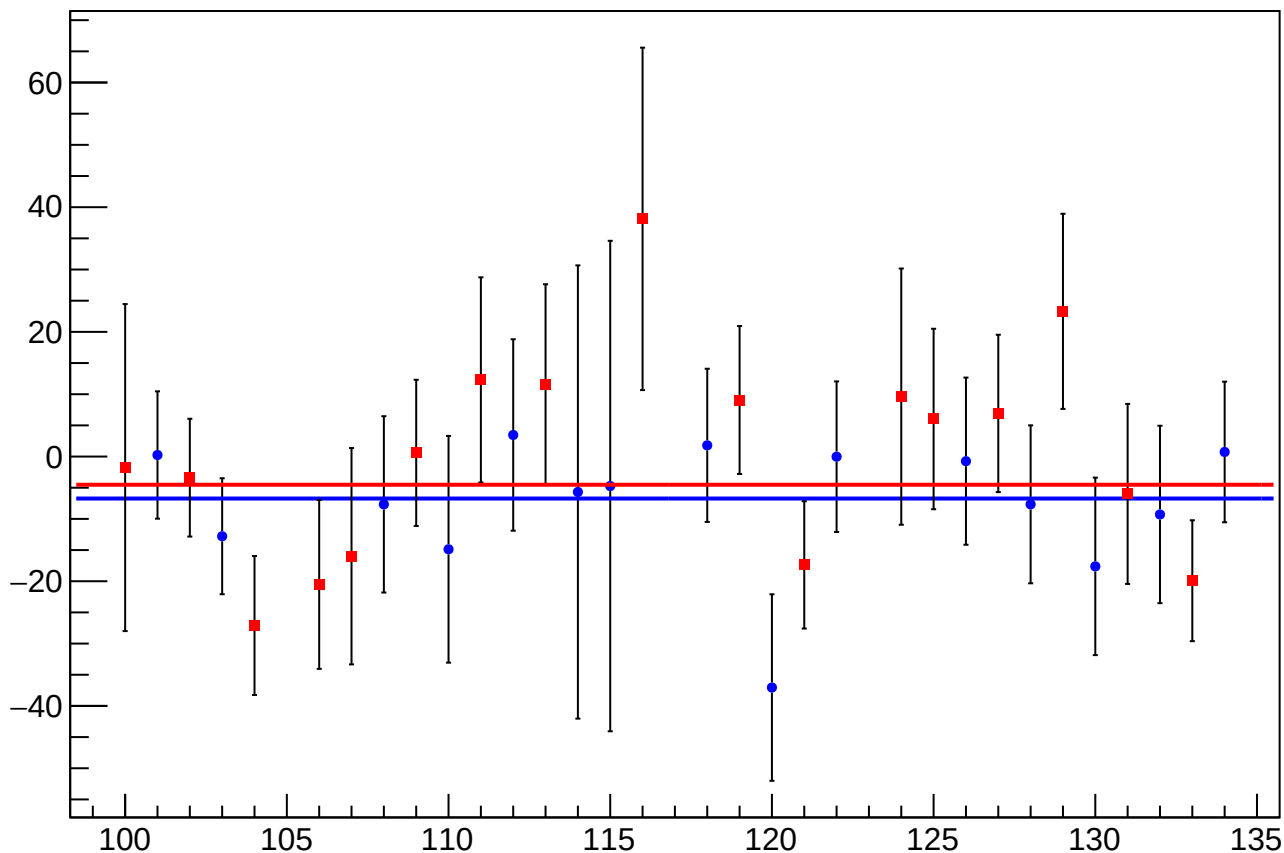
Right: 15034.715+/-2.989 χ^2/NDF : 699831.0/31

In: 14642.692+/-4.208 χ^2/NDF :431052.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15034.715+/-2.989 χ^2/NDF : 699831.0/31

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.733+/-3.486 χ^2/NDF : 7.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.523+/-3.240 χ^2/NDF : 21.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

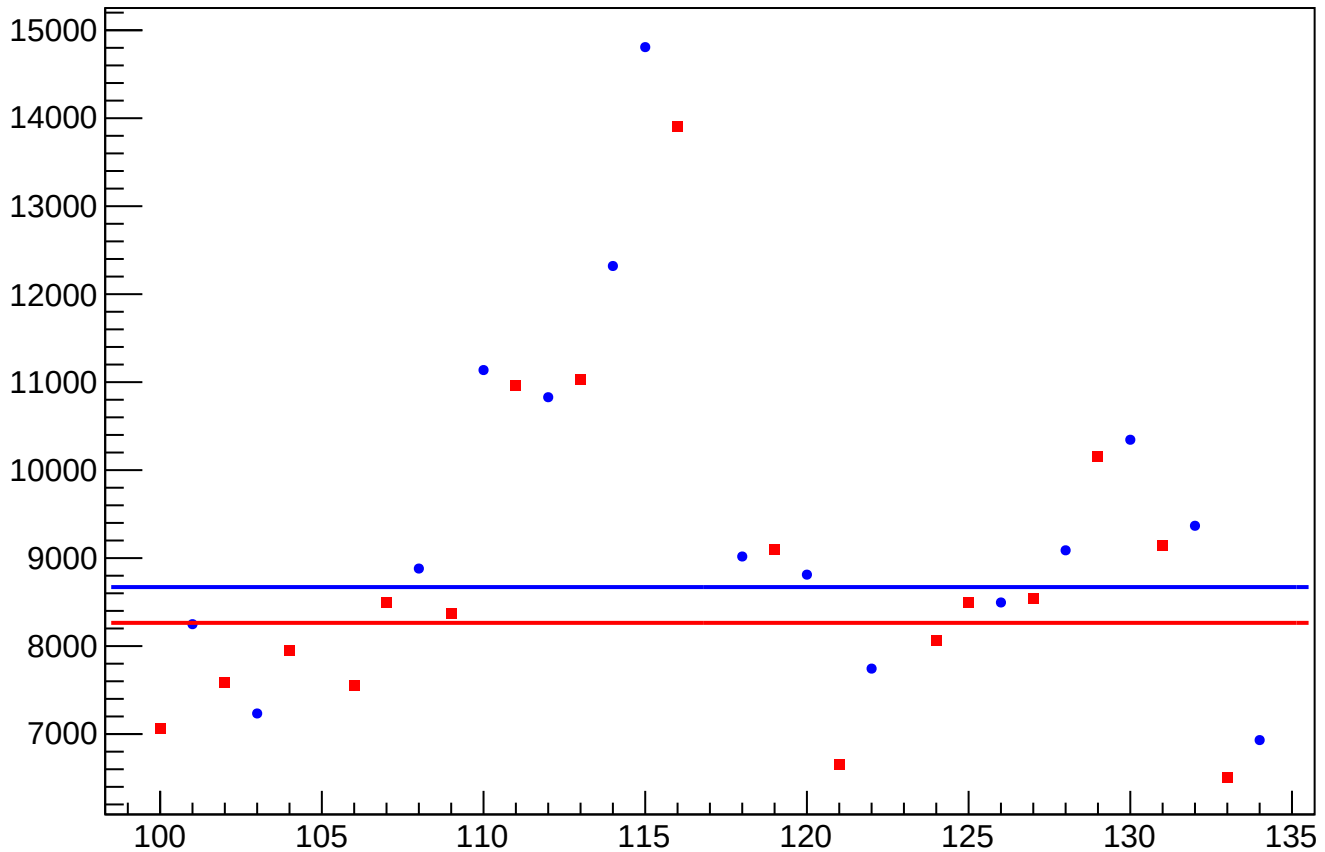
Right: -5.547+/-2.373 χ^2/NDF : 28.9/31

In: -6.733+/-3.486 χ^2/NDF : 7.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.547+/-2.373 χ^2/NDF : 28.9/31

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8670.703+/-2.465 χ^2/NDF : 292782.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8263.966+/-2.291 χ^2/NDF : 383496.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

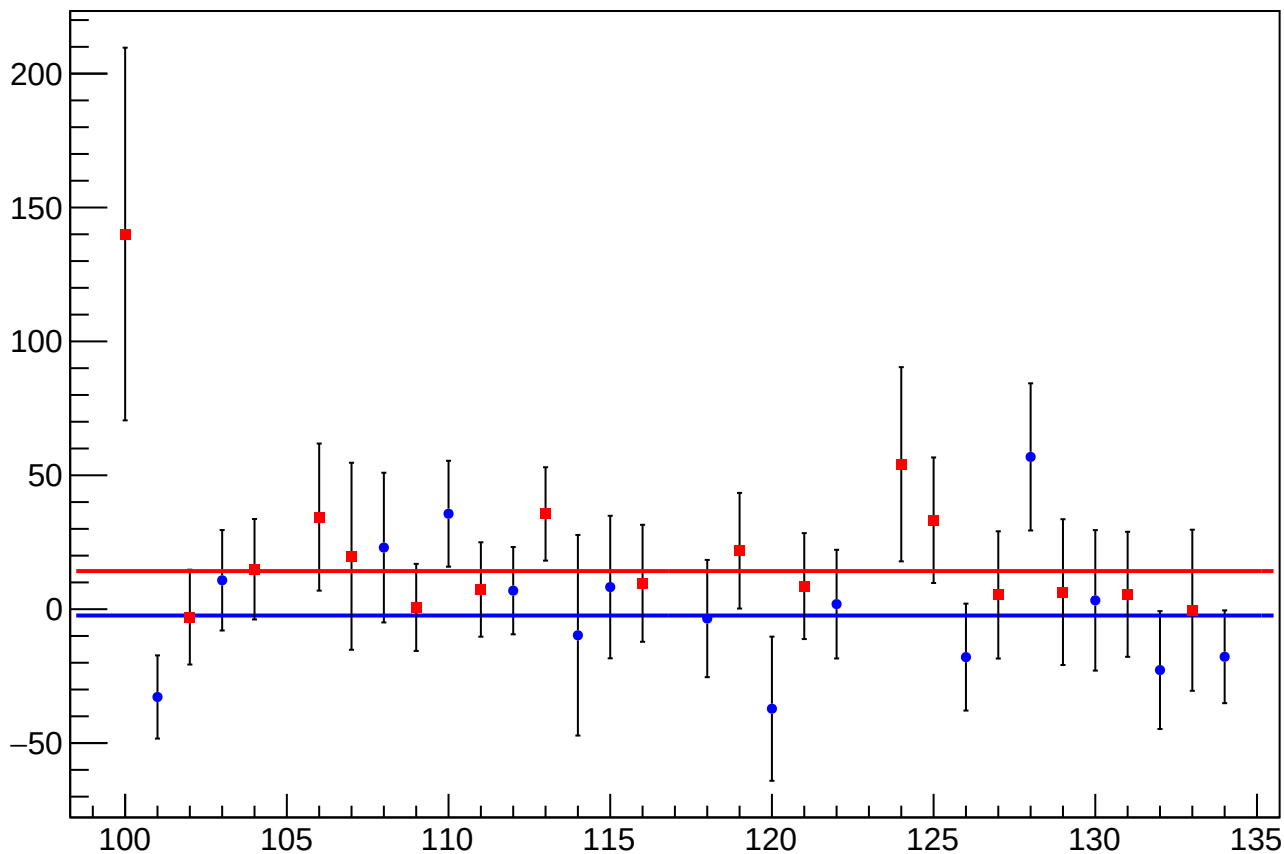
Right: 8452.461+/-1.678 χ^2/NDF : 690888.6/31

In: 8670.703+/-2.465 χ^2/NDF : 292782.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8452.461+/-1.678 χ^2/NDF : 690888.6/31

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -2.364+/-5.481 χ^2/NDF : 18.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.229+/-5.414 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

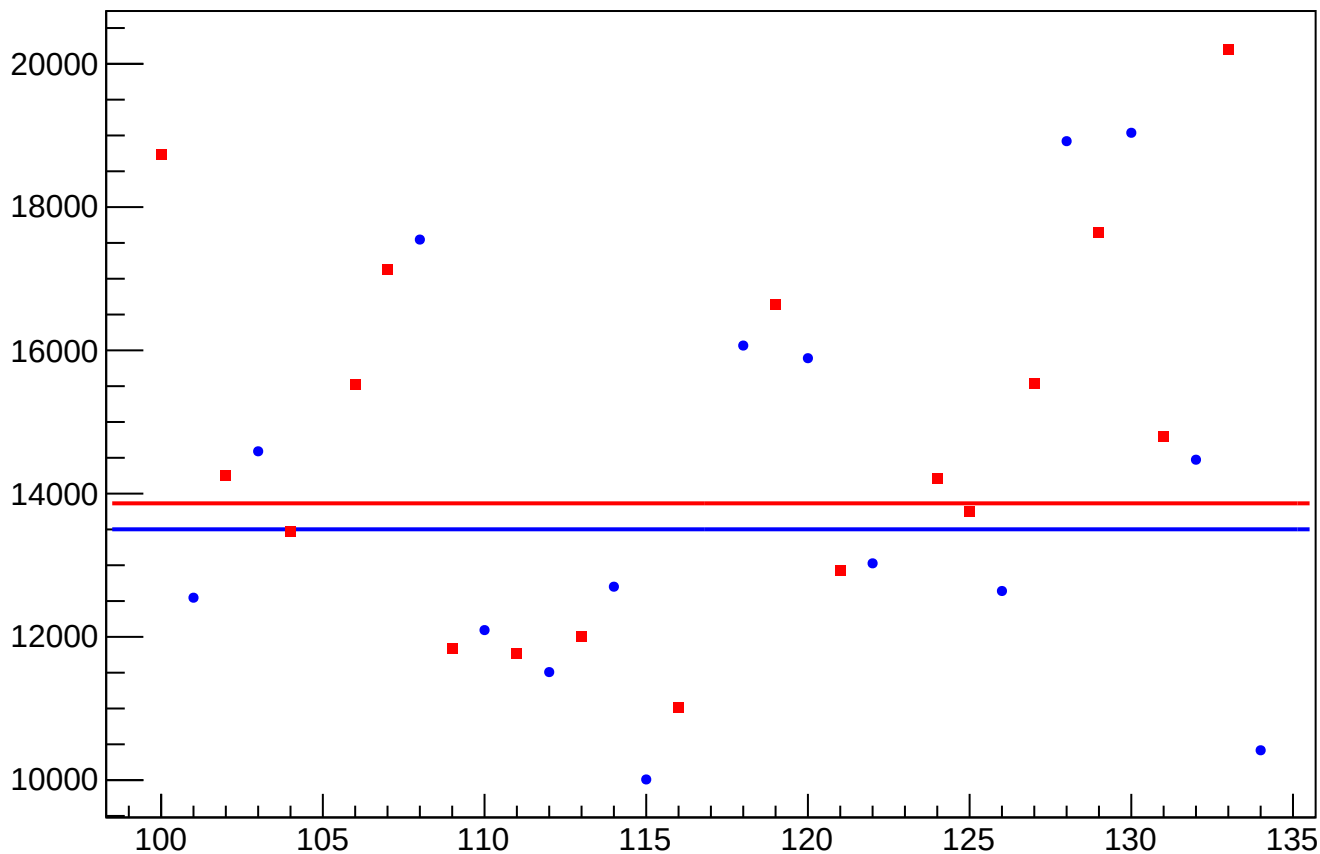
Right: 6.034+/-3.852 χ^2/NDF : 32.5/31

In: -2.364+/-5.481 χ^2/NDF : 18.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.034+/-3.852 χ^2/NDF : 32.5/31

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13501.662+/-3.876 χ^2/NDF : 413719.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13864.200+/-3.829 χ^2/NDF : 330999.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

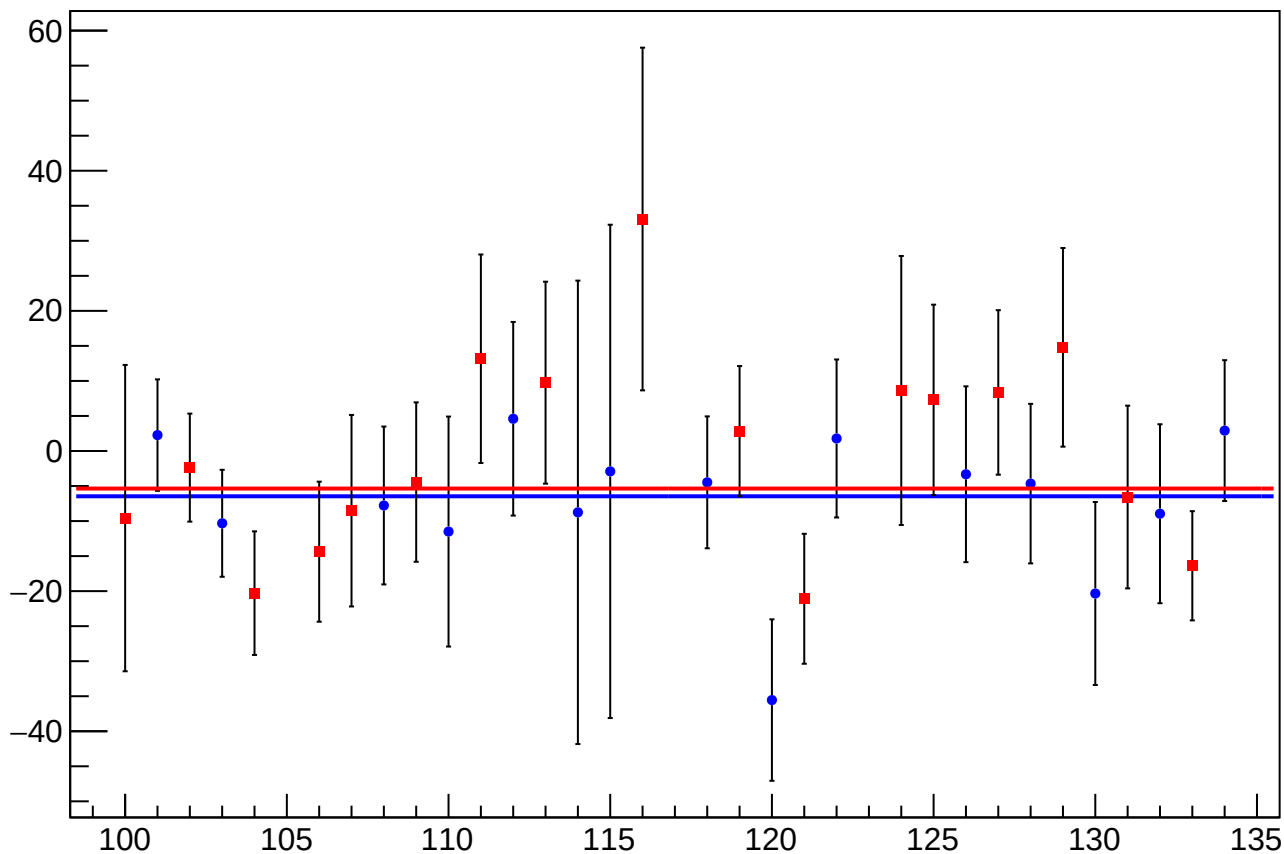
Right: 13685.150+/-2.724 χ^2/NDF : 749147.9/31

In: 13501.662+/-3.876 χ^2/NDF :413719.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13685.150+/-2.724 χ^2/NDF : 749147.9/31

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.465+/-2.960 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.359+/-2.754 χ^2/NDF : 19.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

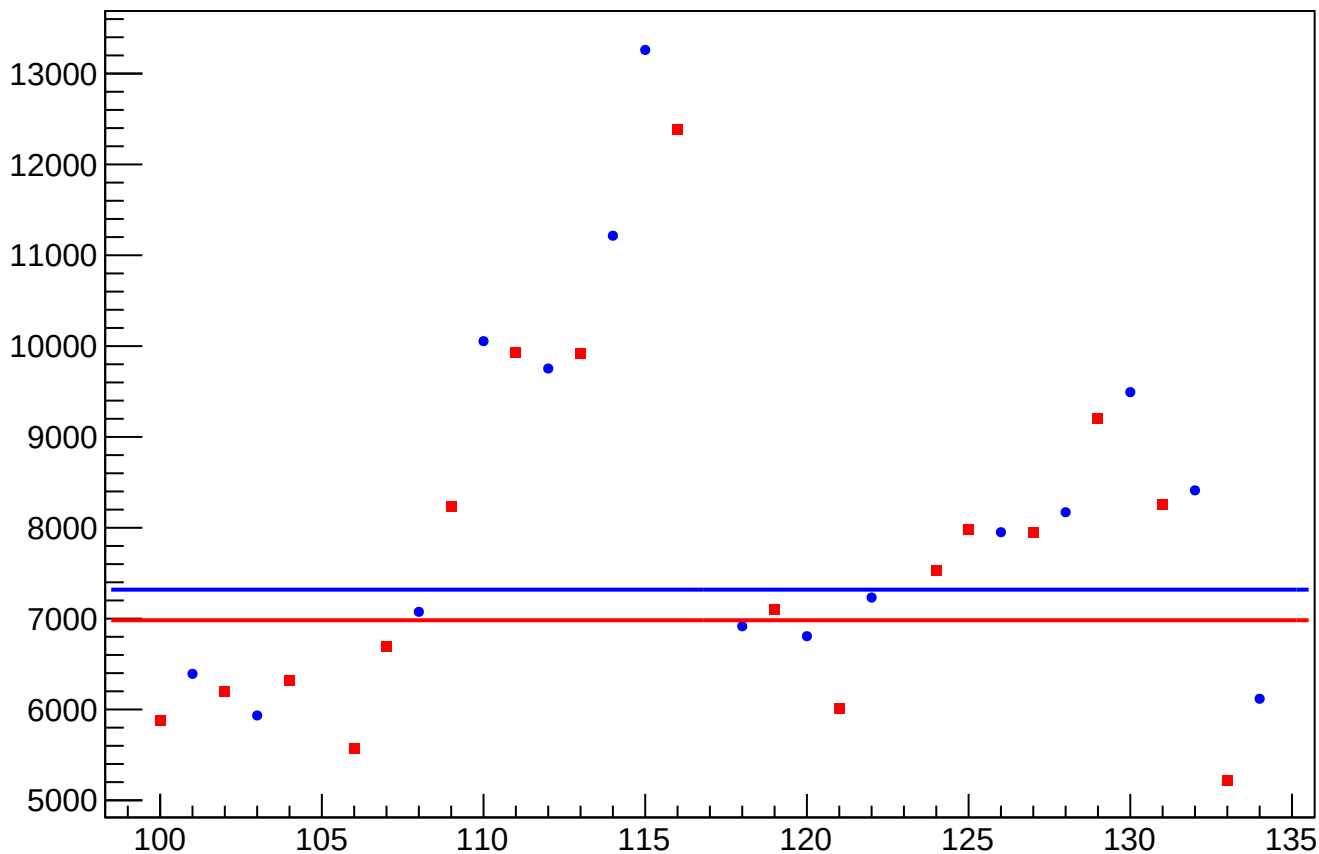
Right: -5.872+/-2.016 χ^2/NDF : 30.9/31

In: -6.465+/-2.960 χ^2/NDF : 11.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.872+/-2.016 χ^2/NDF : 30.9/31

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7318.992+/-2.093 χ^2/NDF : 419011.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6982.026+/-1.948 χ^2/NDF : 579999.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

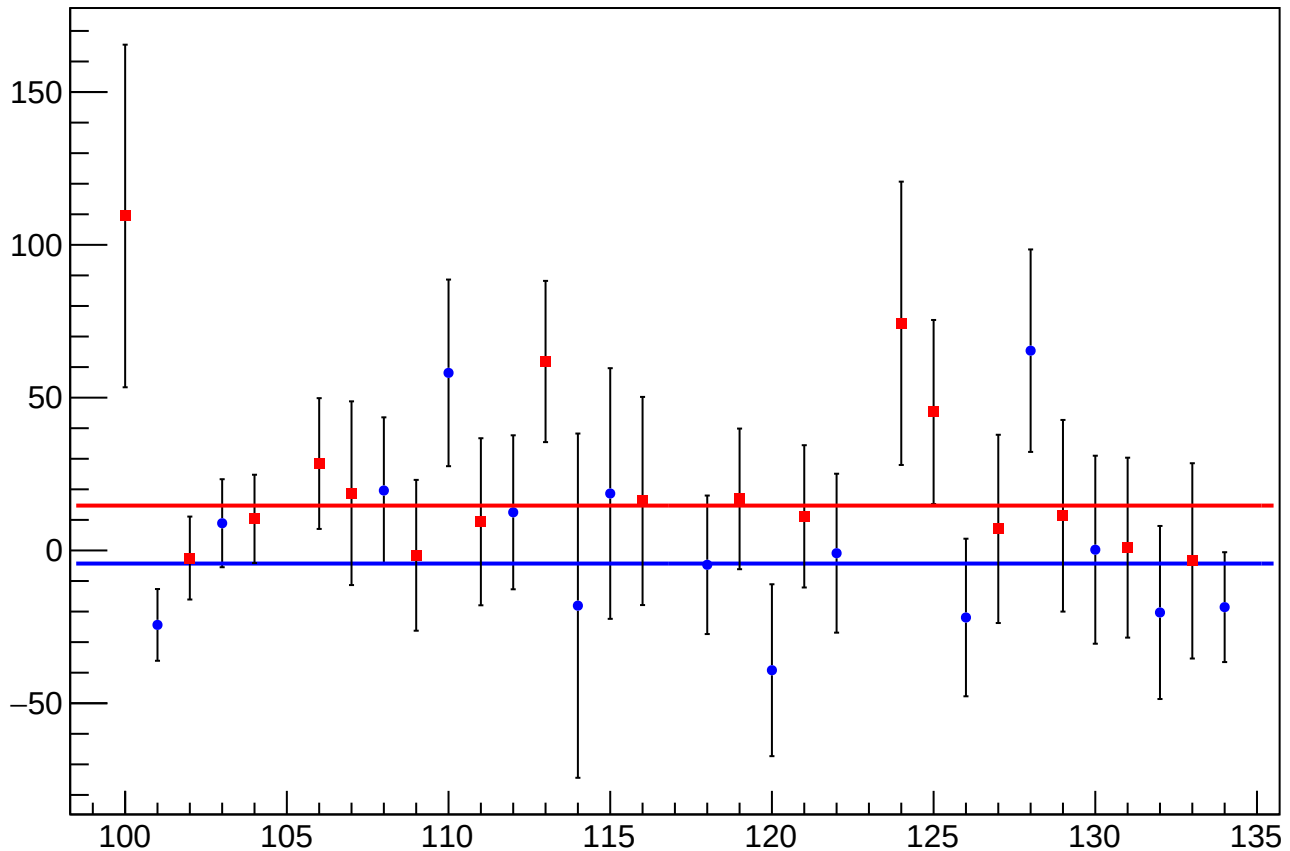
Right: 7138.420+/-1.426 χ^2/NDF : 1012904.9/31

In: 7318.992+/-2.093 χ^2/NDF : 419011.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7138.420+/-1.426 χ^2/NDF : 1012904.9/31

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -4.288+/-5.784 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.682+/-5.911 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

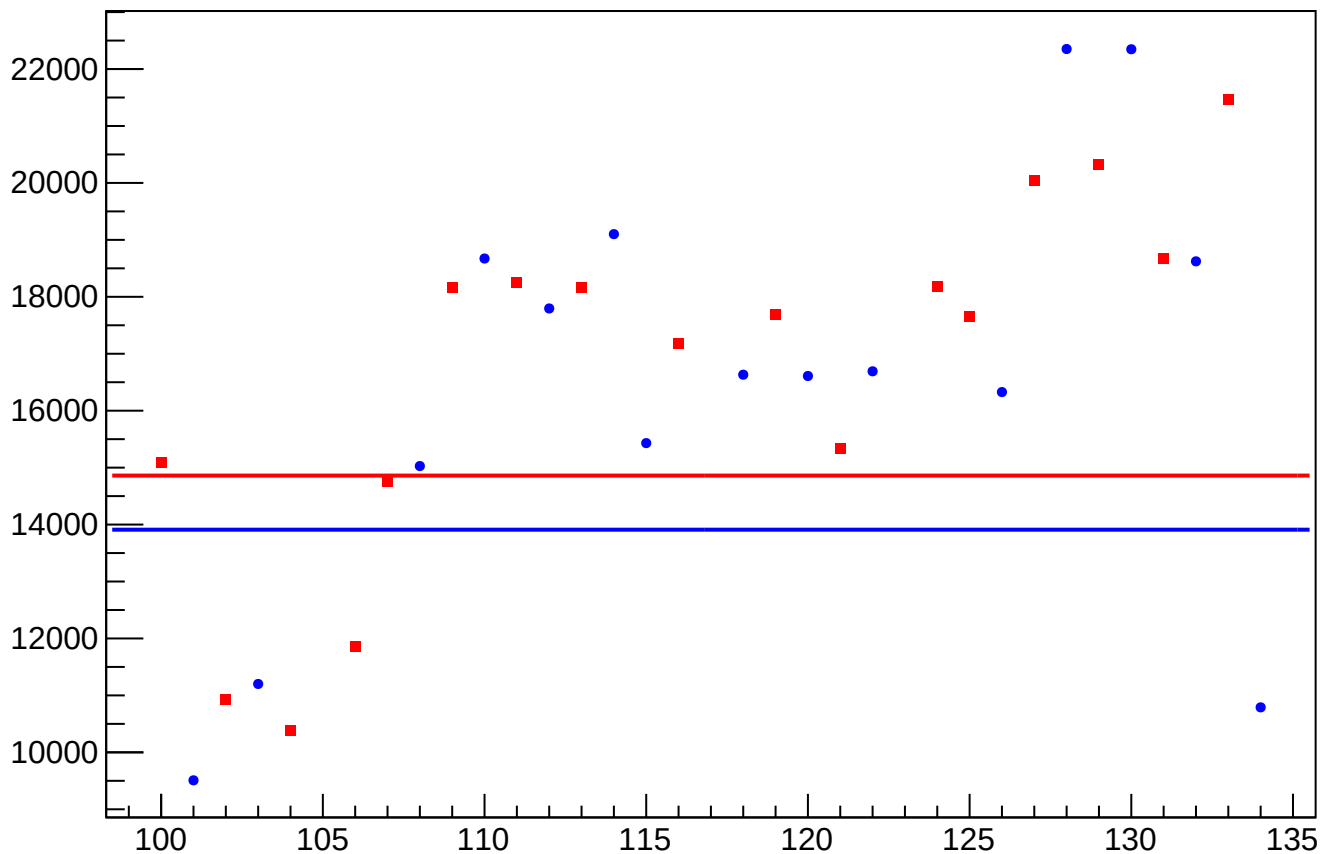
Right: 4.991+/-4.134 χ^2/NDF : 34.4/31

In: -4.288+/-5.784 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.991+/-4.134 χ^2/NDF : 34.4/31

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13910.269+/-4.090 χ^2/NDF : 956052.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14860.684+/-4.180 χ^2/NDF : 802444.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

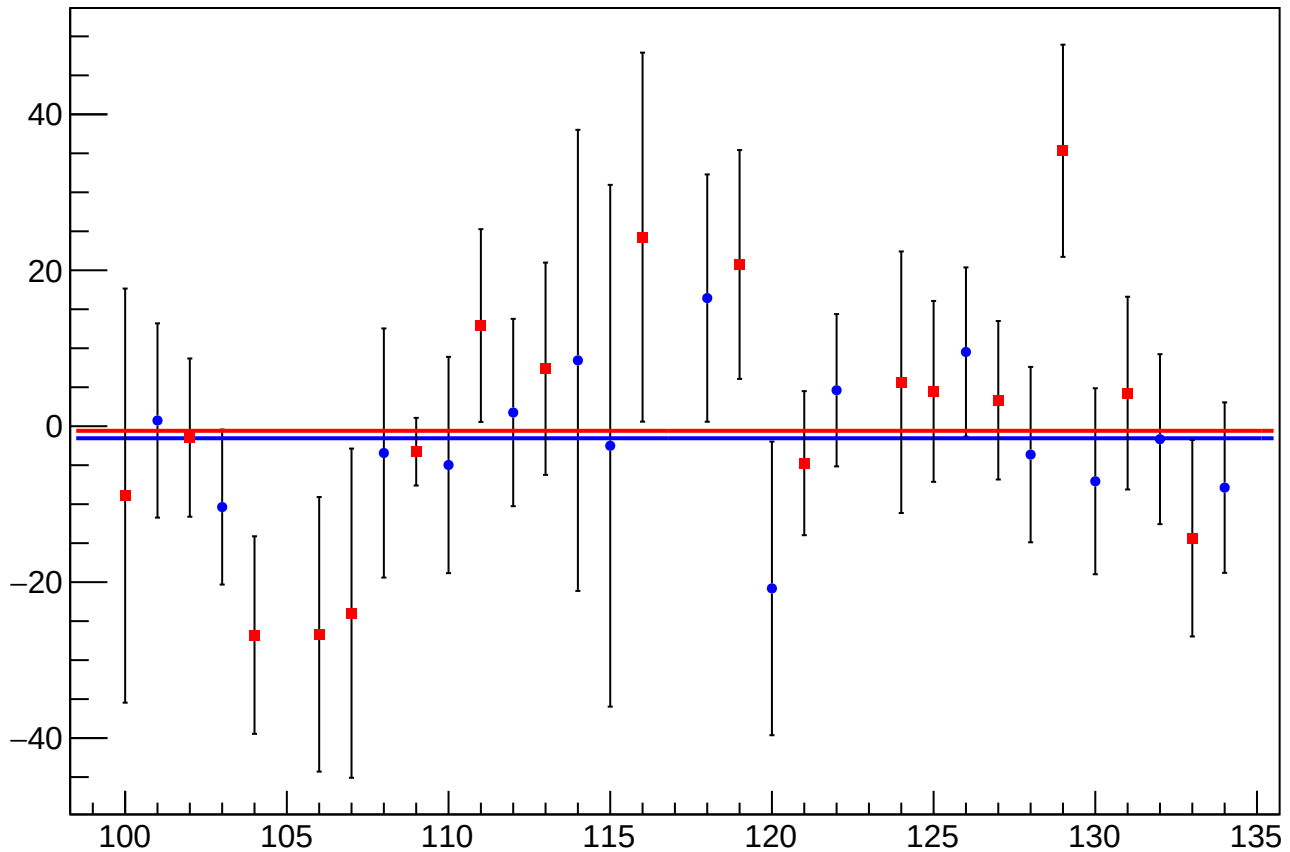
Right: 14375.157+/-2.923 χ^2/NDF : 1784907.5/31

In: 13910.269+/-4.090 χ^2/NDF : 956052.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14375.157+/-2.923 χ^2/NDF : 1784907.5/31

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.544 ± 3.294 χ^2/NDF : 5.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.589 ± 2.626 χ^2/NDF : 21.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

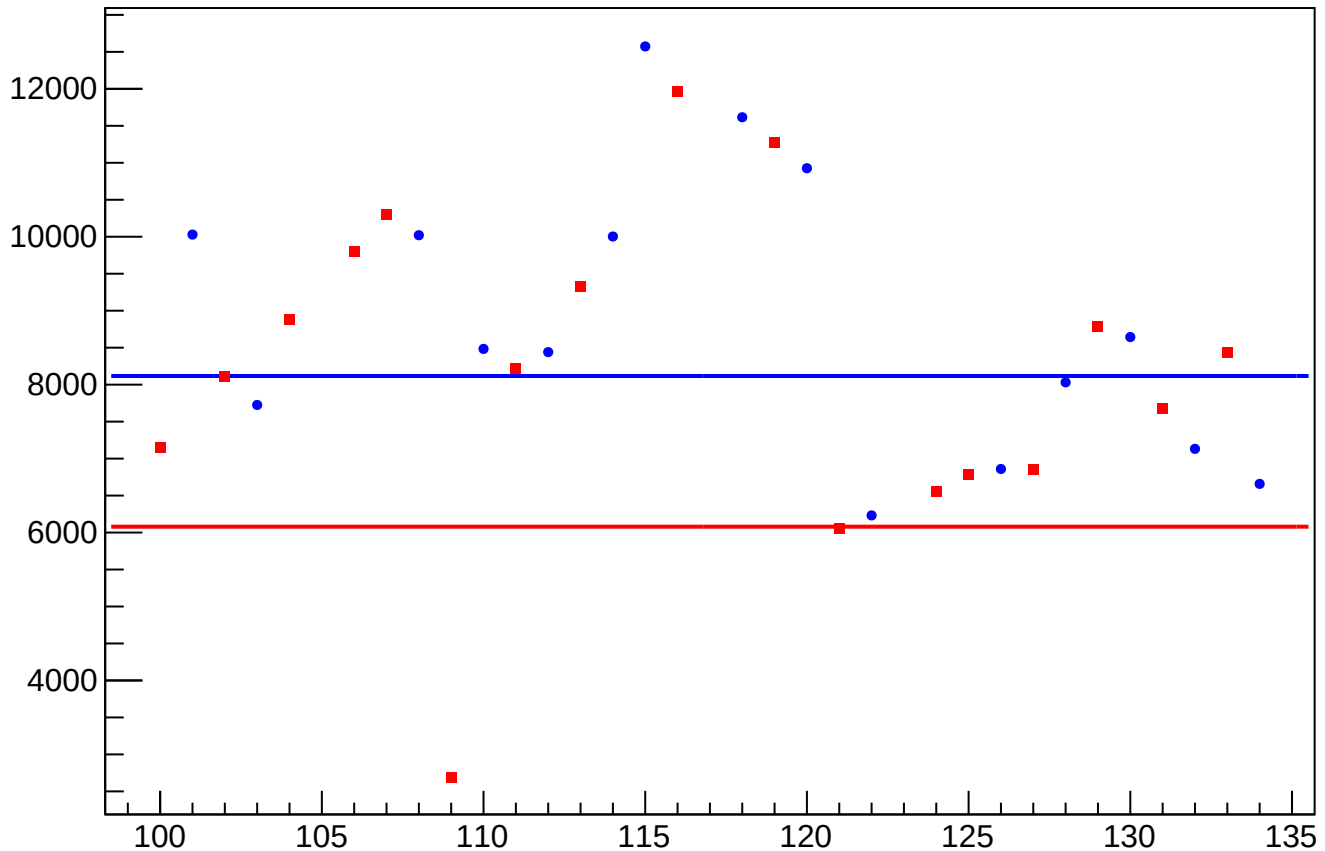
Right: -0.960 ± 2.054 χ^2/NDF : 27.4/31

In: -1.544 ± 3.294 χ^2/NDF : 5.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.960 ± 2.054 χ^2/NDF : 27.4/31

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8117.073+/-2.330 χ^2/NDF : 424279.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6079.260+/-1.857 χ^2/NDF : 2326377.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

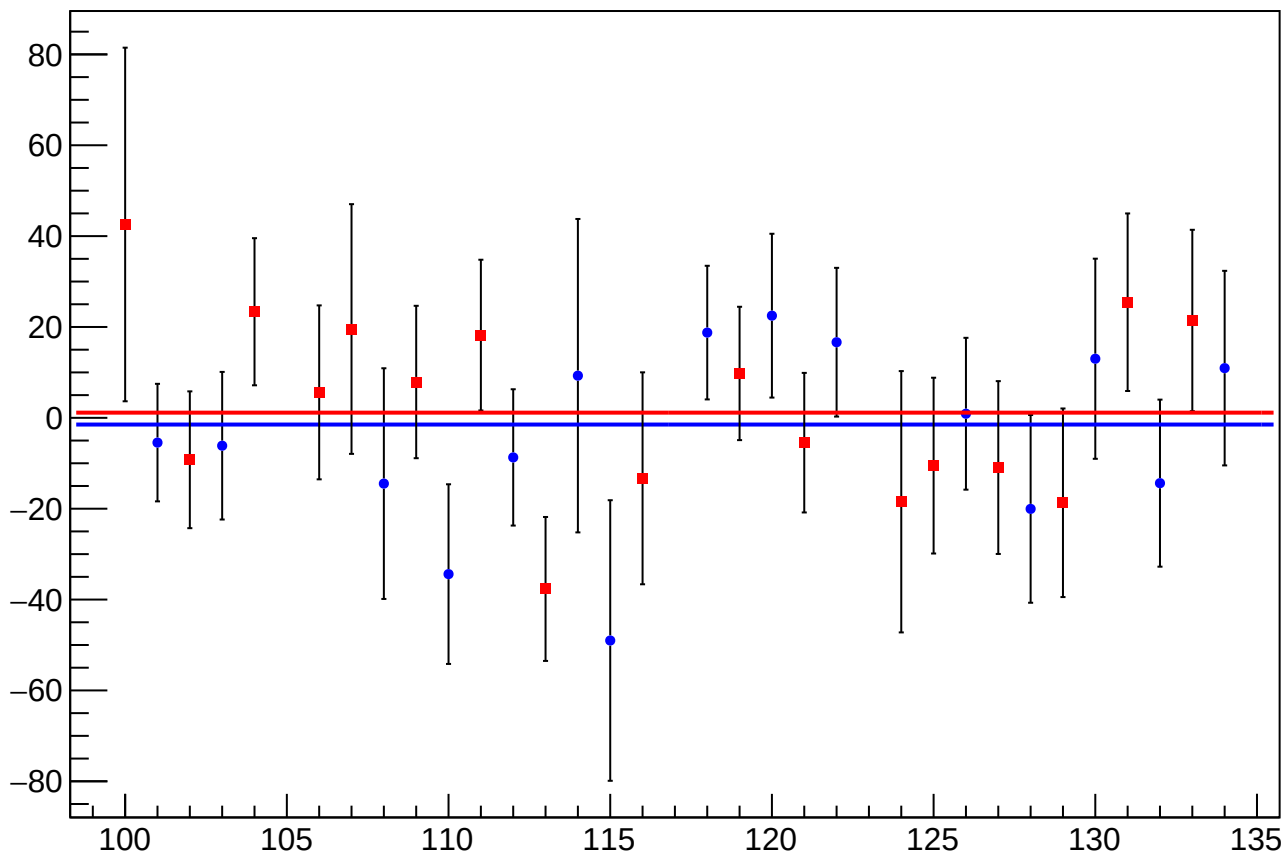
Right: 6871.046+/-1.452 χ^2/NDF : 3218559.5/31

In: 8117.073+/-2.330 χ^2/NDF : 424279.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6871.046+/-1.452 χ^2/NDF : 3218559.5/31

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.476+/-4.727 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.143+/-4.521 χ^2/NDF : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

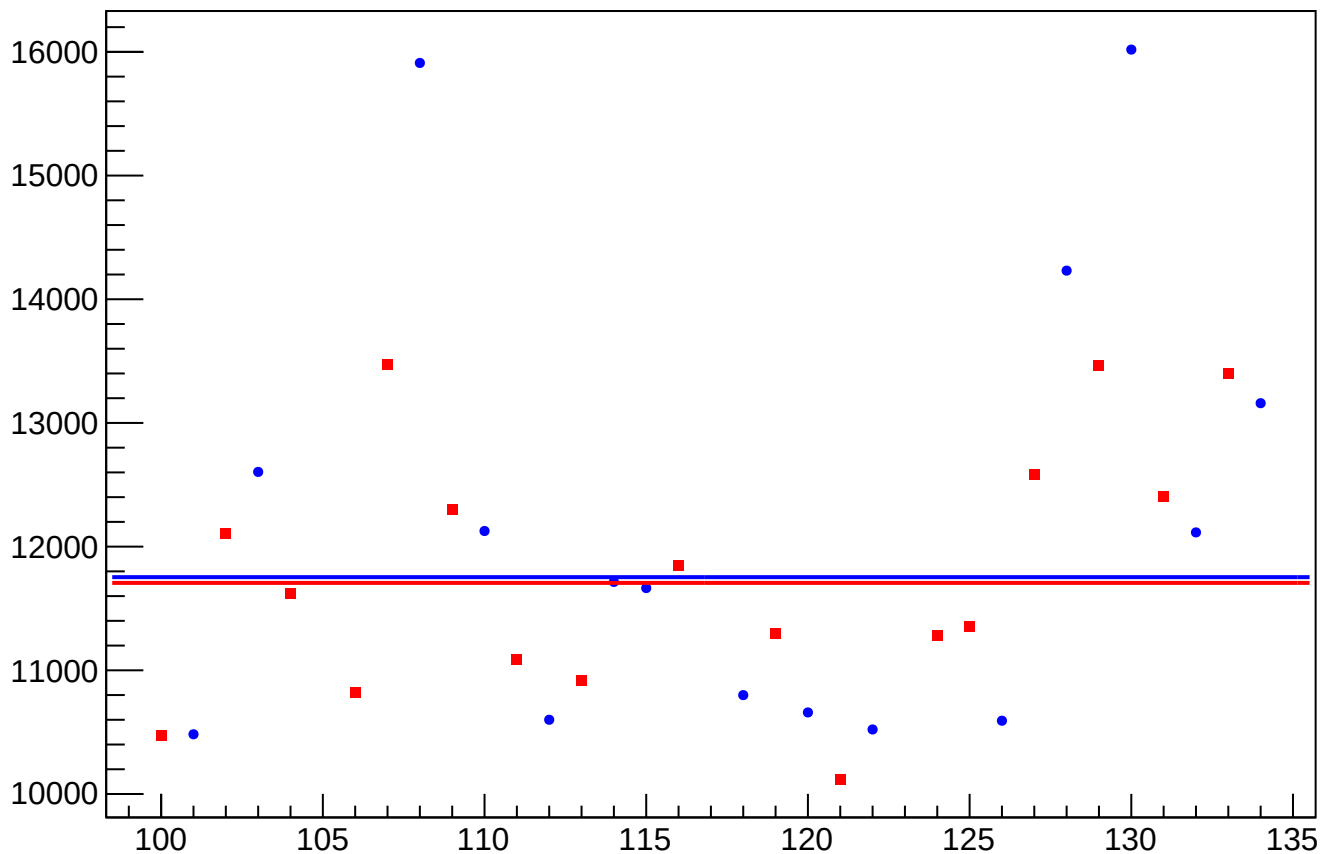
Right: -0.108+/-3.267 χ^2/NDF : 29.9/31

In: -1.476+/-4.727 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.108+/-3.267 χ^2/NDF : 29.9/31

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11753.146+/-3.342 χ^2/NDF : 240867.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11706.785+/-3.197 χ^2/NDF : 85859.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

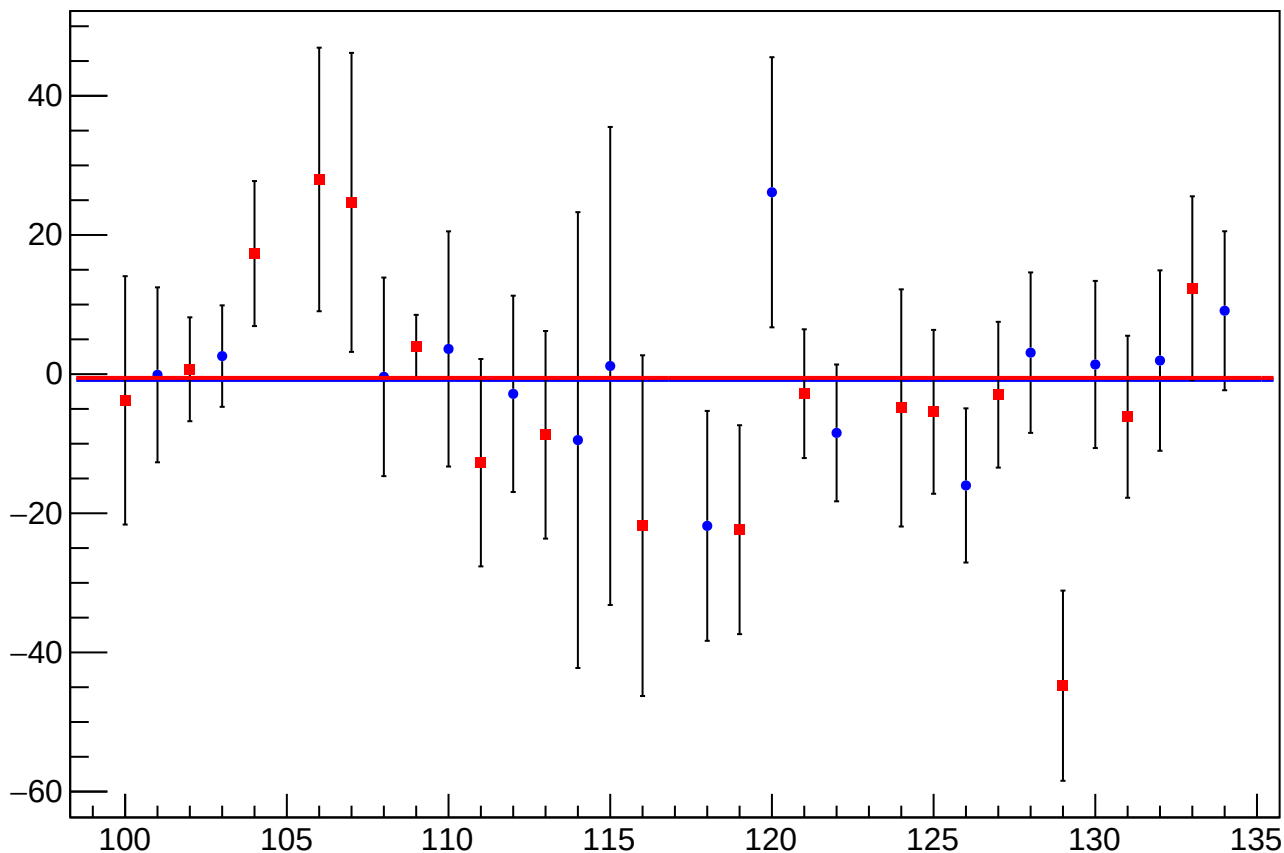
Right: 11728.935+/-2.310 χ^2/NDF : 326827.0/31

In: 11753.146+/-3.342 χ^2/NDF : 240867.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11728.935+/-2.310 χ^2/NDF : 326827.0/31

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.829 ± 3.275 $\chi^2/\text{NDF}: 7.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.543 ± 2.598 $\chi^2/\text{NDF}: 23.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

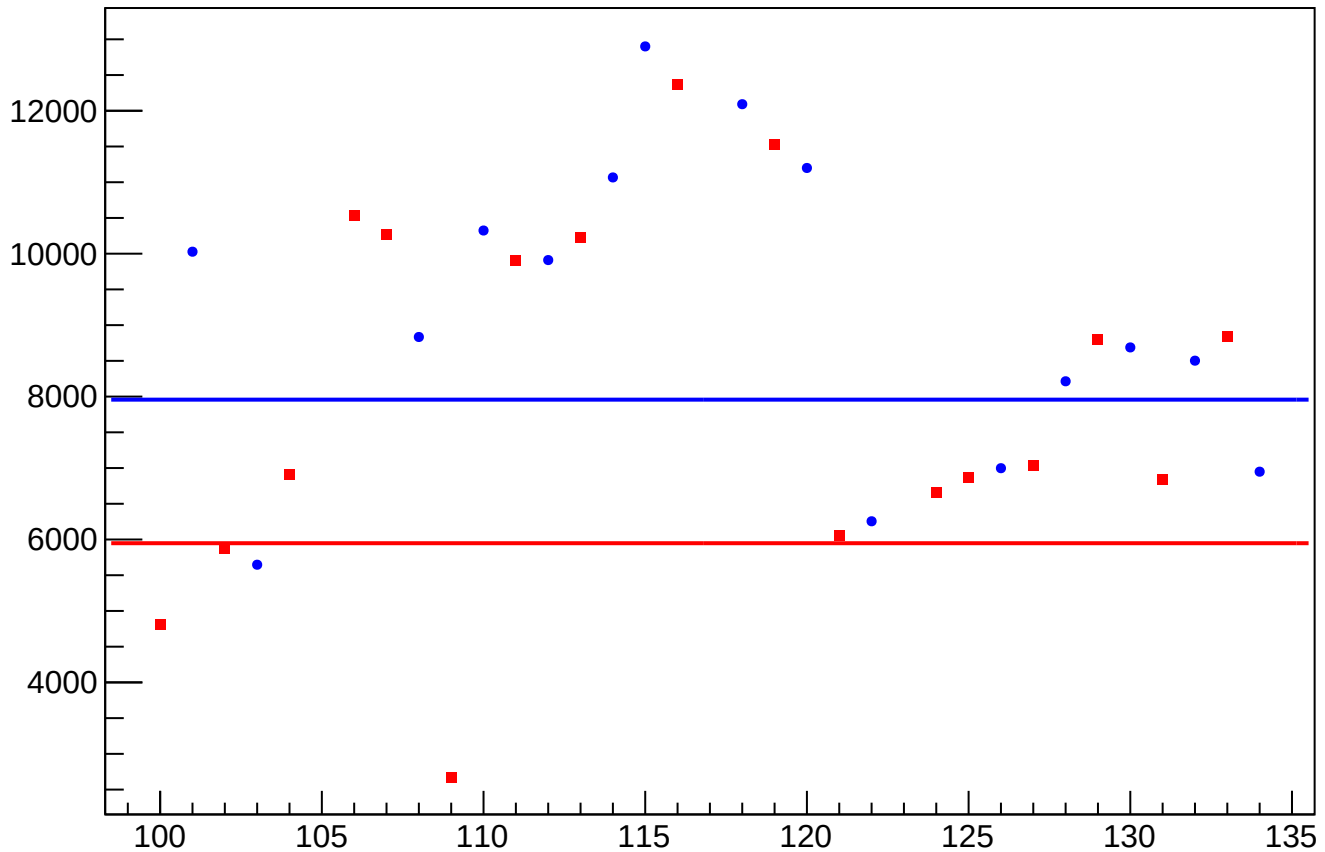
Right: -0.654 ± 2.035 $\chi^2/\text{NDF}: 30.8/31$

In: -0.829 ± 3.275 $\chi^2/\text{NDF}: 7.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.654 ± 2.035 $\chi^2/\text{NDF}: 30.8/31$

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7957.160+/-2.316 χ^2/NDF : 683076.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5948.032+/-1.837 χ^2/NDF : 2207005.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

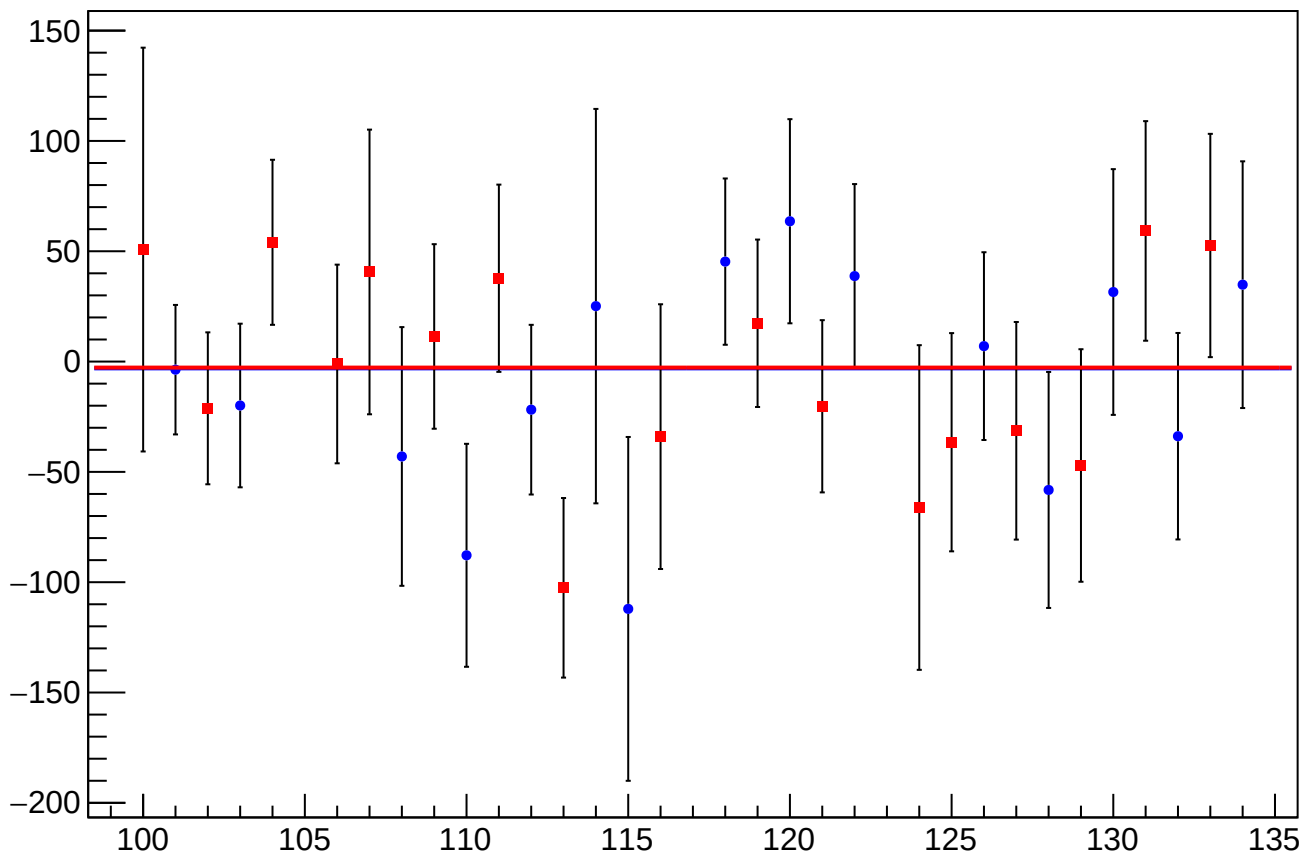
Right: 6723.851+/-1.439 χ^2/NDF : 3352043.9/31

In: 7957.160+/-2.316 χ^2/NDF : 683076.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6723.851+/-1.439 χ^2/NDF : 3352043.9/31

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.733+/-11.229 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

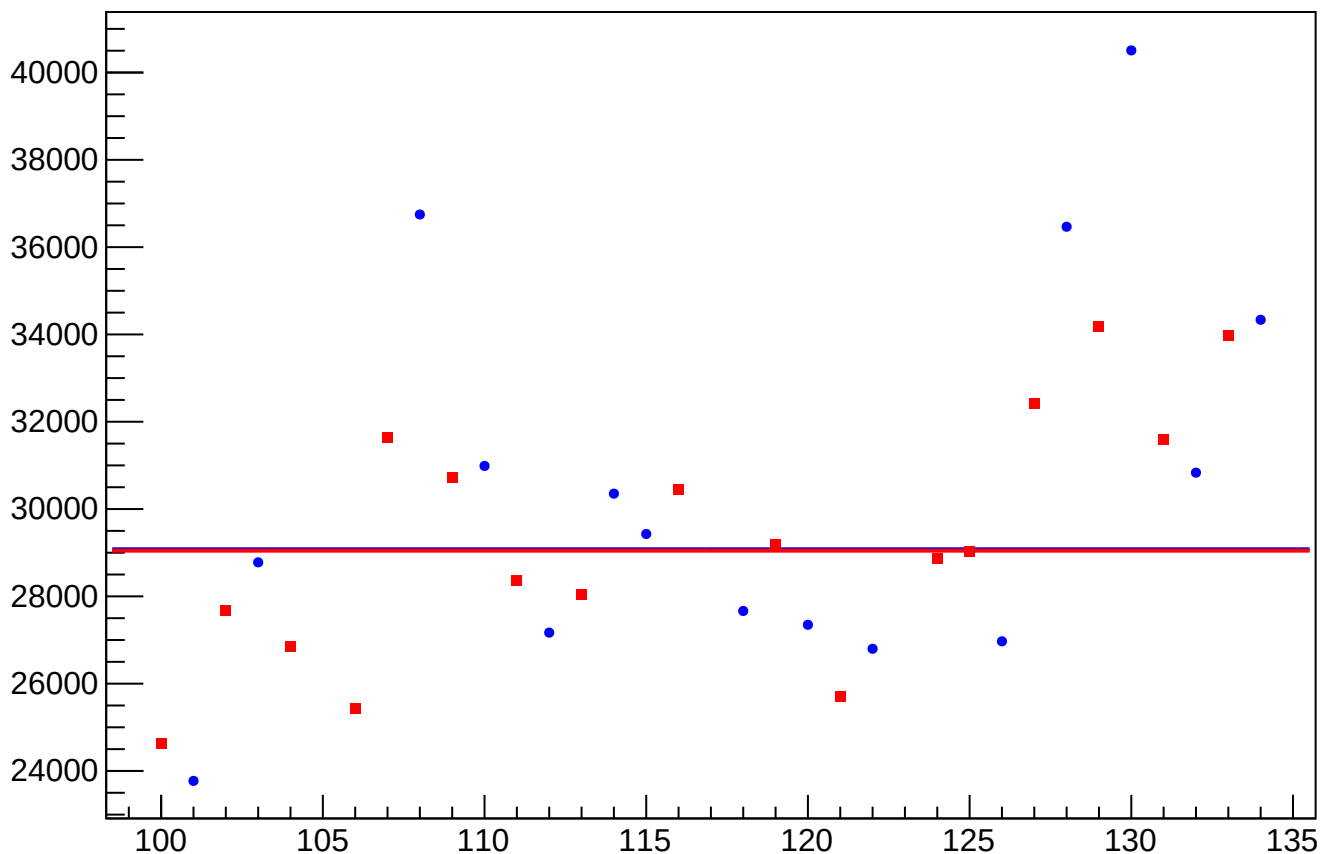
Right: -2.899+/-8.107 χ^2/NDF : 29.1/31

In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.899+/-8.107 χ^2/NDF : 29.1/31

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29047.005+/-7.940 χ^2/NDF : 104060.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

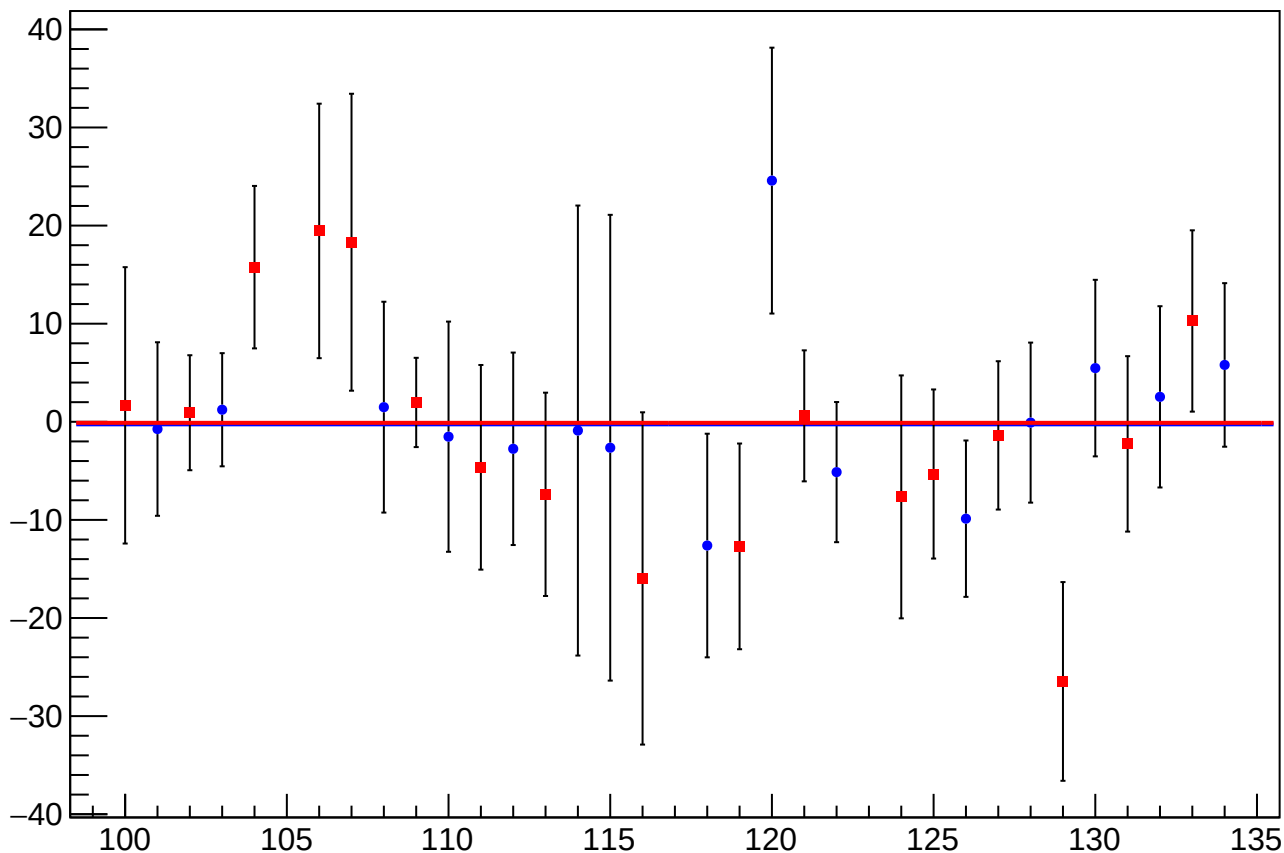
Right: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.259 ± 2.392 $\chi^2/\text{NDF}: 7.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.107 ± 2.075 $\chi^2/\text{NDF}: 19.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

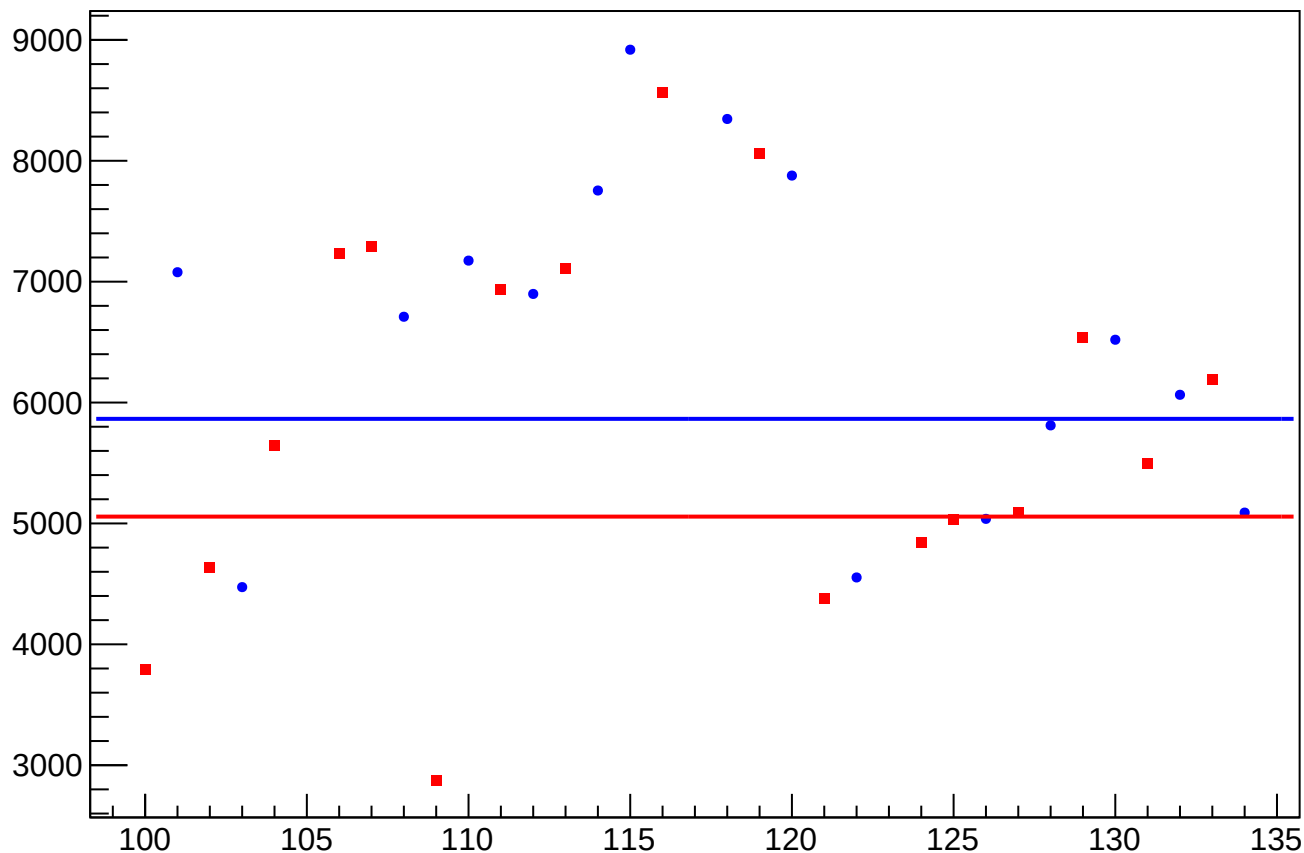
Right: -0.172 ± 1.567 $\chi^2/\text{NDF}: 27.2/31$

In: -0.259 ± 2.392 $\chi^2/\text{NDF}: 7.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.172 ± 1.567 $\chi^2/\text{NDF}: 27.2/31$

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5865.197+/-1.691 χ^2/NDF : 517033.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5056.518+/-1.467 χ^2/NDF : 1089011.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

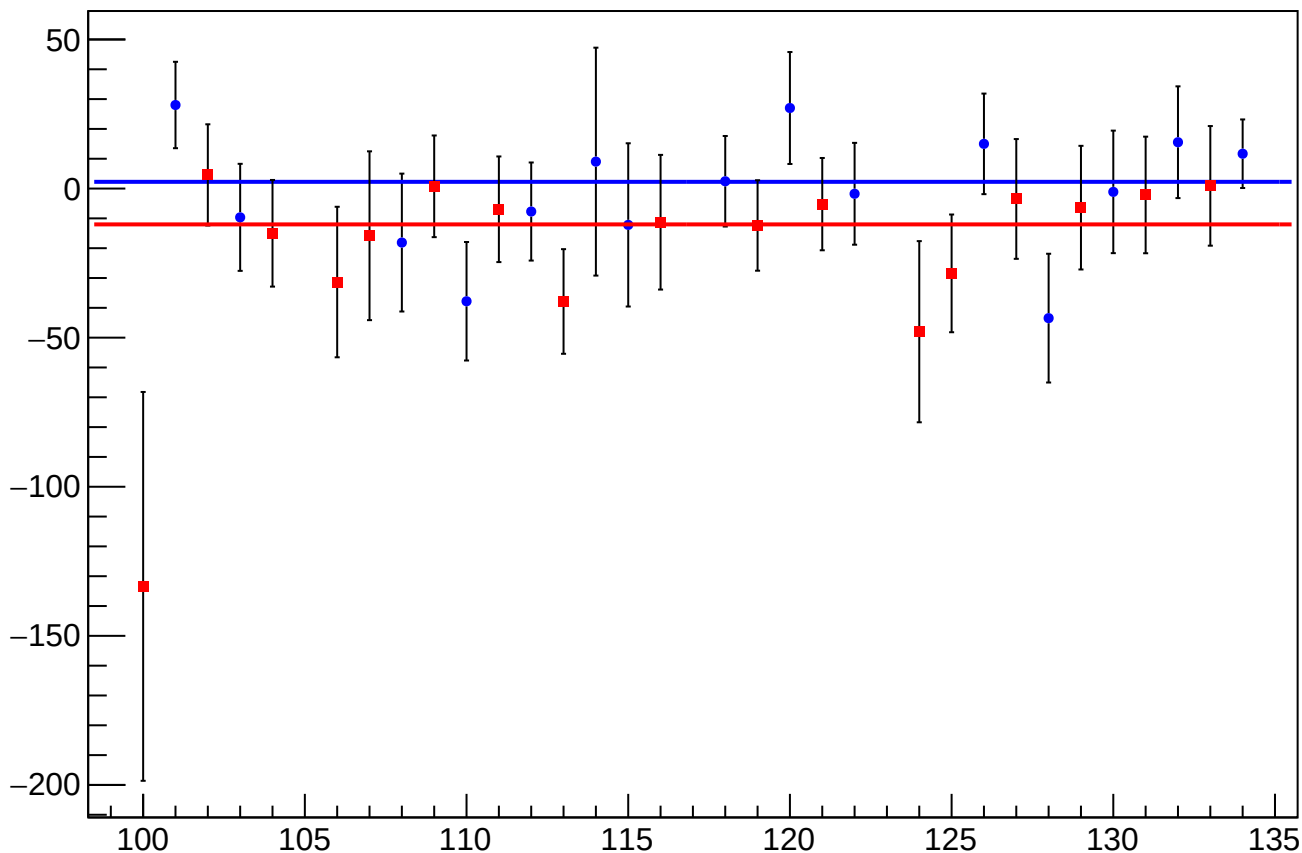
Right: 5403.739+/-1.108 χ^2/NDF : 1736517.6/31

In: 5865.197+/-1.691 χ^2/NDF : 517033.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5403.739+/-1.108 χ^2/NDF : 1736517.6/31

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 2.256+/-4.611 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.018+/-4.791 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

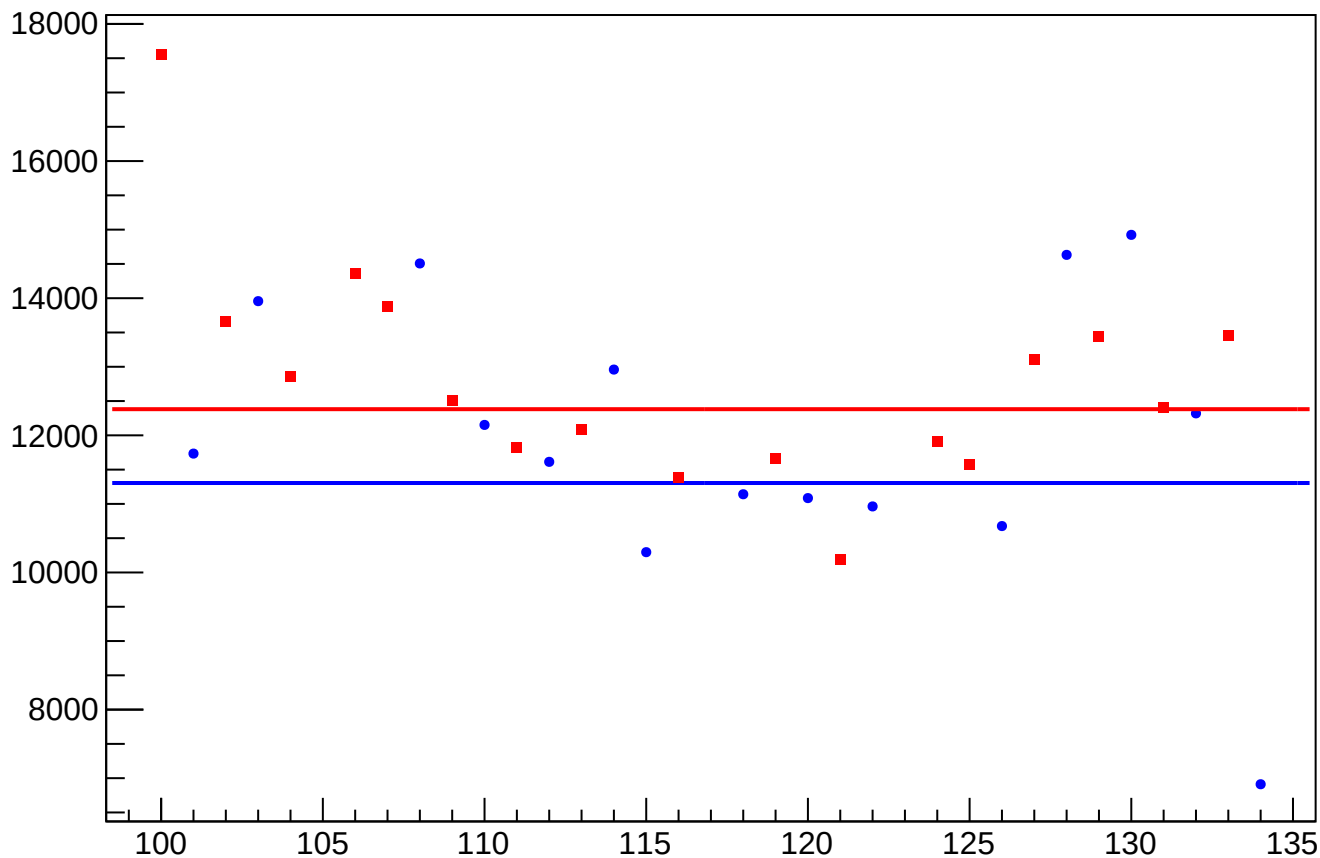
Right: -4.607+/-3.322 χ^2/NDF : 32.9/31

In: 2.256+/-4.611 χ^2/NDF : 17.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.607+/-3.322 χ^2/NDF : 32.9/31

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11304.791+/-3.260 χ^2/NDF : 506097.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12381.518+/-3.388 χ^2/NDF : 111788.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

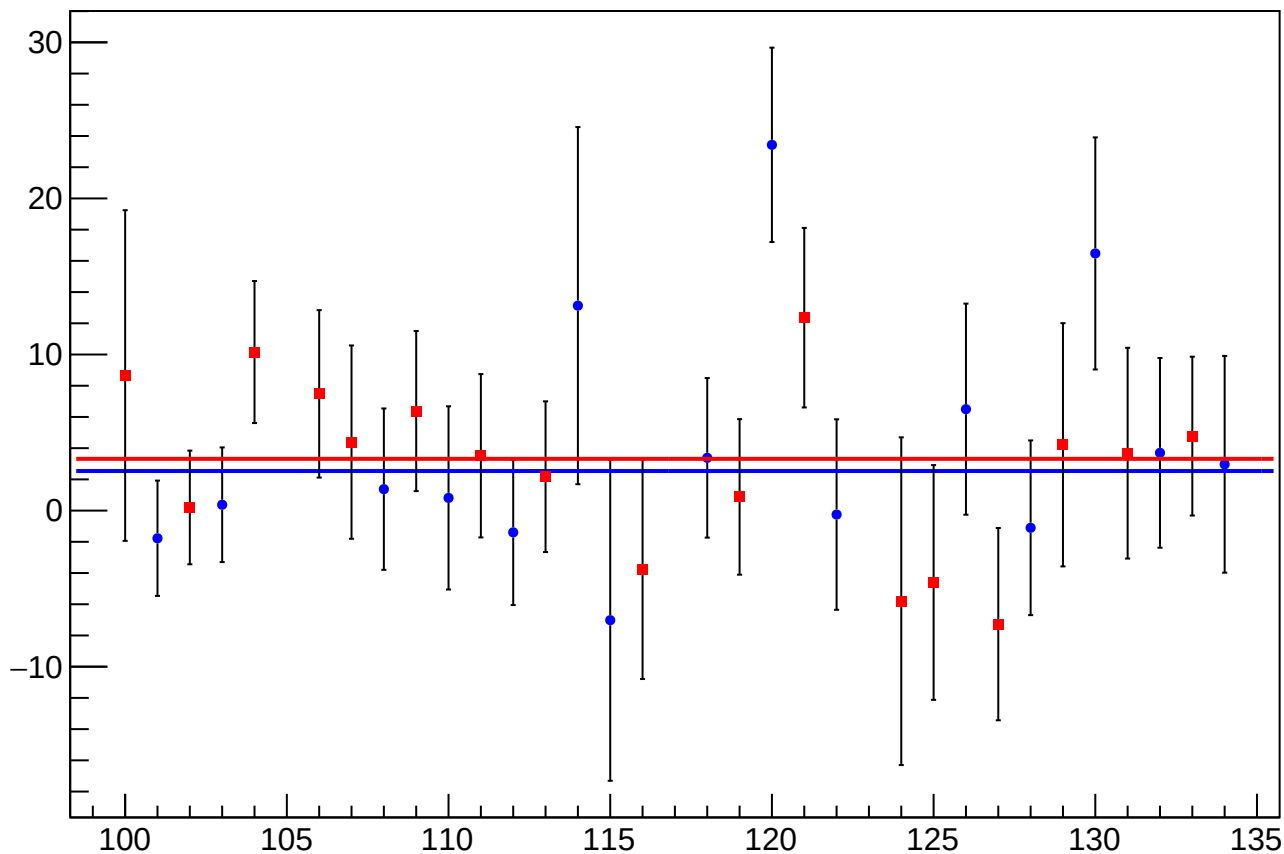
Right: 11822.530+/-2.349 χ^2/NDF : 670330.6/31

In: 11304.791+/-3.260 χ^2/NDF :506097.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11822.530+/-2.349 χ^2/NDF : 670330.6/31

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.536+/-1.432 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.316+/-1.371 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

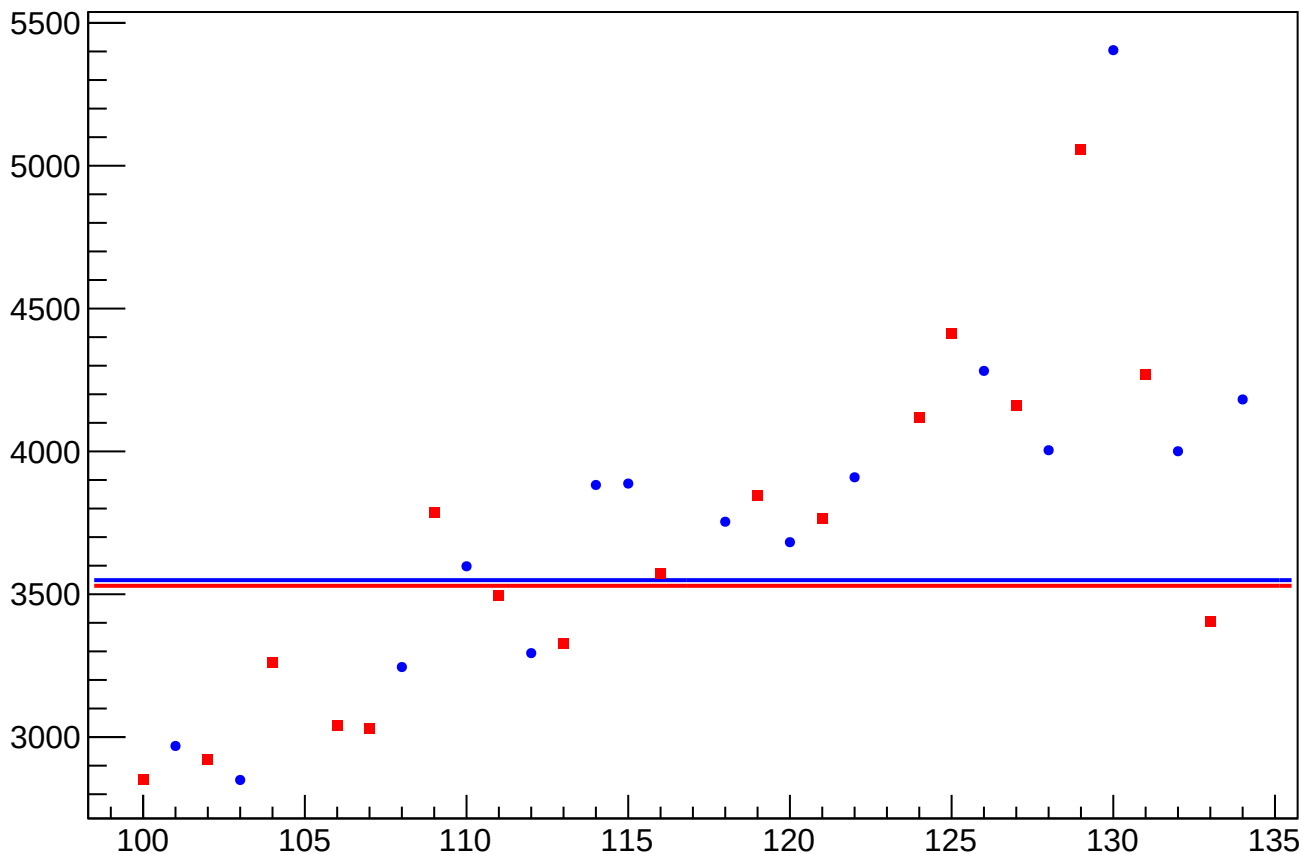
Right: 2.943+/-0.990 χ^2/NDF : 33.2/31

In: 2.536+/-1.432 χ^2/NDF : 20.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.943+/-0.990 χ^2/NDF : 33.2/31

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3549.332+/-1.013 χ^2/NDF : 338756.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3529.594+/-0.970 χ^2/NDF : 277728.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

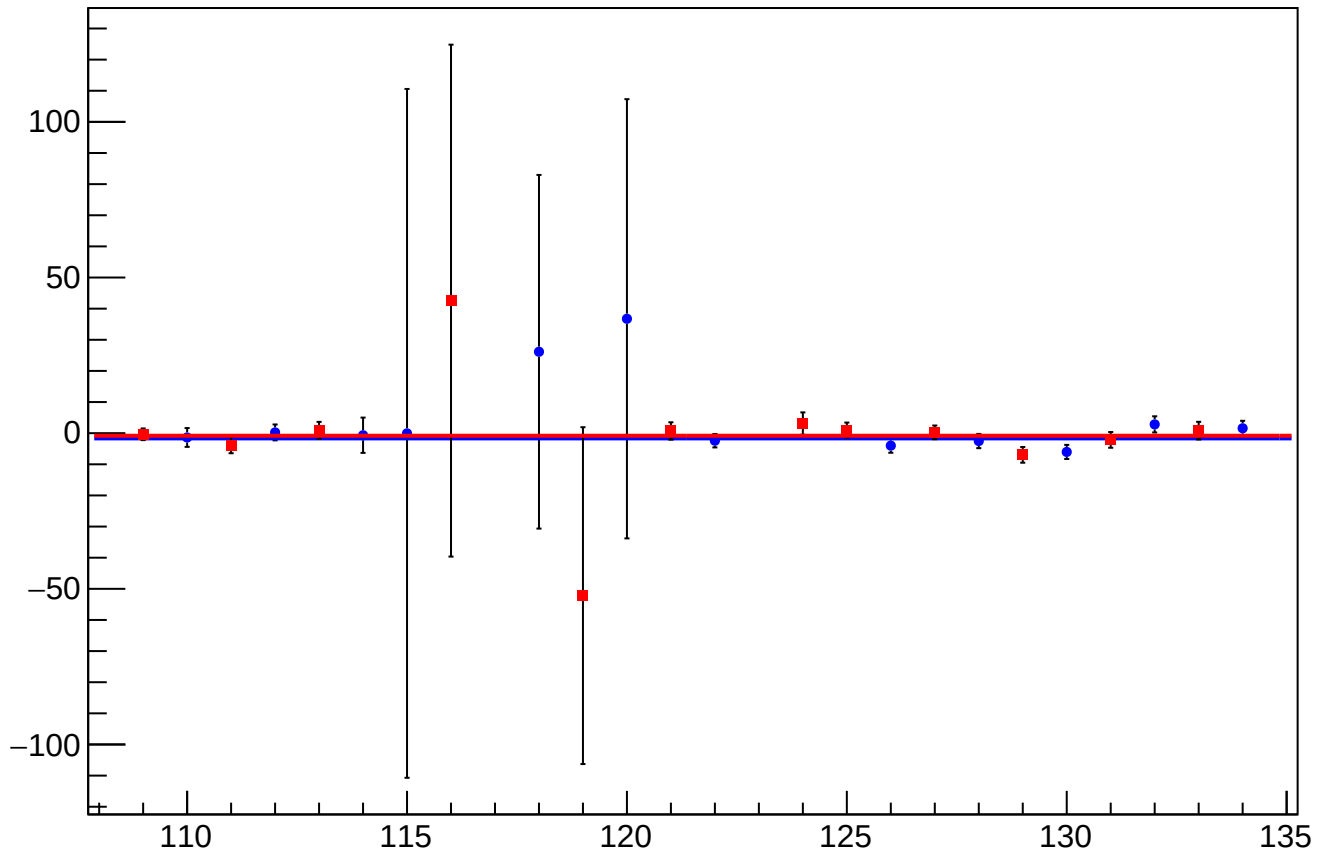
Right: 3539.036+/-0.700 χ^2/NDF : 616682.9/31

In: 3549.332+/-1.013 χ^2/NDF : 338756.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3539.036+/-0.700 χ^2/NDF : 616682.9/31

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.678 ± 0.843 $\chi^2/\text{NDF}: 11.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.824 ± 0.792 $\chi^2/\text{NDF}: 11.8/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

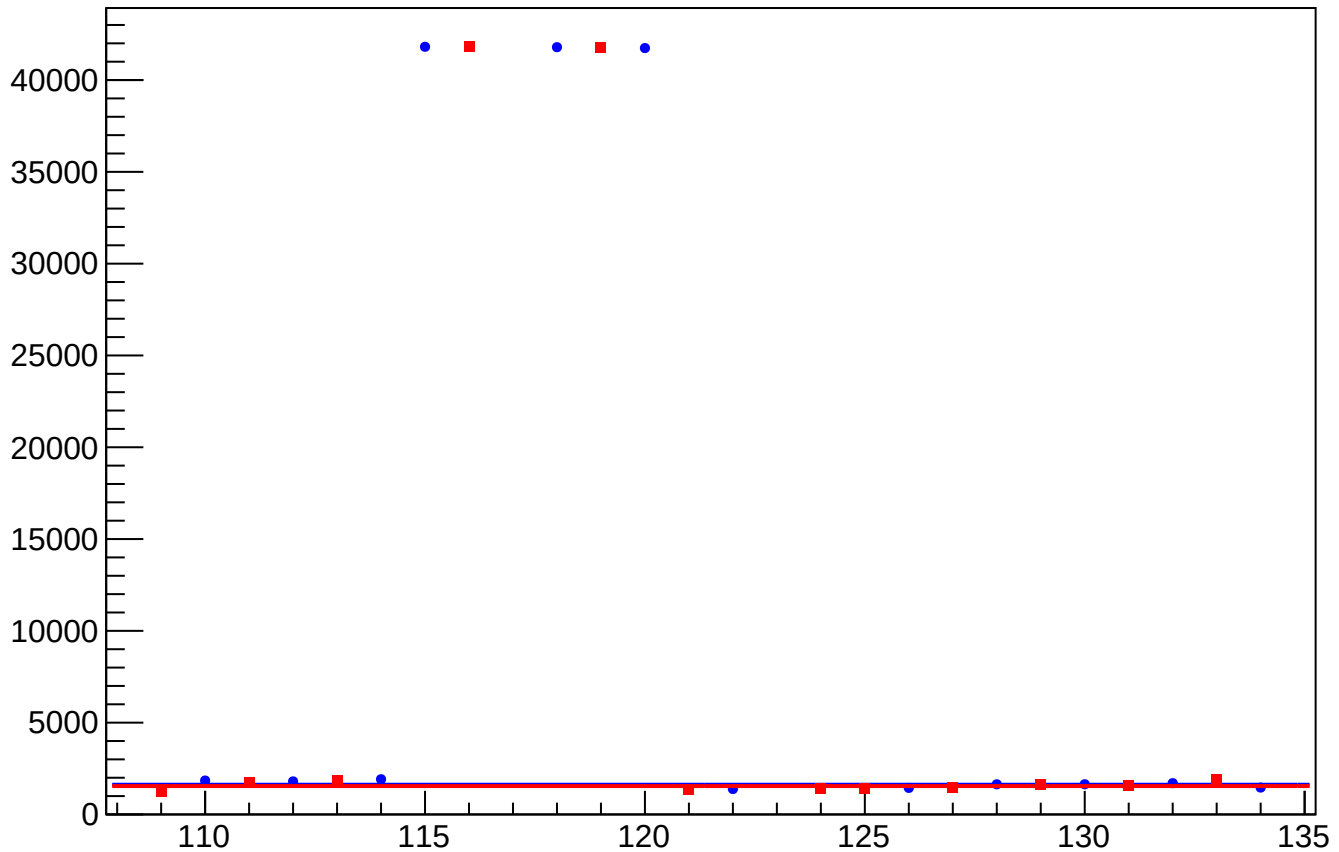
Right: -1.225 ± 0.577 $\chi^2/\text{NDF}: 23.3/23$

In: -1.678 ± 0.843 $\chi^2/\text{NDF}: 11.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.225 ± 0.577 $\chi^2/\text{NDF}: 23.3/23$

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1617.909 $\pm$ 0.596 χ^2/NDF : 1983862.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1546.059 $\pm$ 0.560 χ^2/NDF : 1730646.9/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

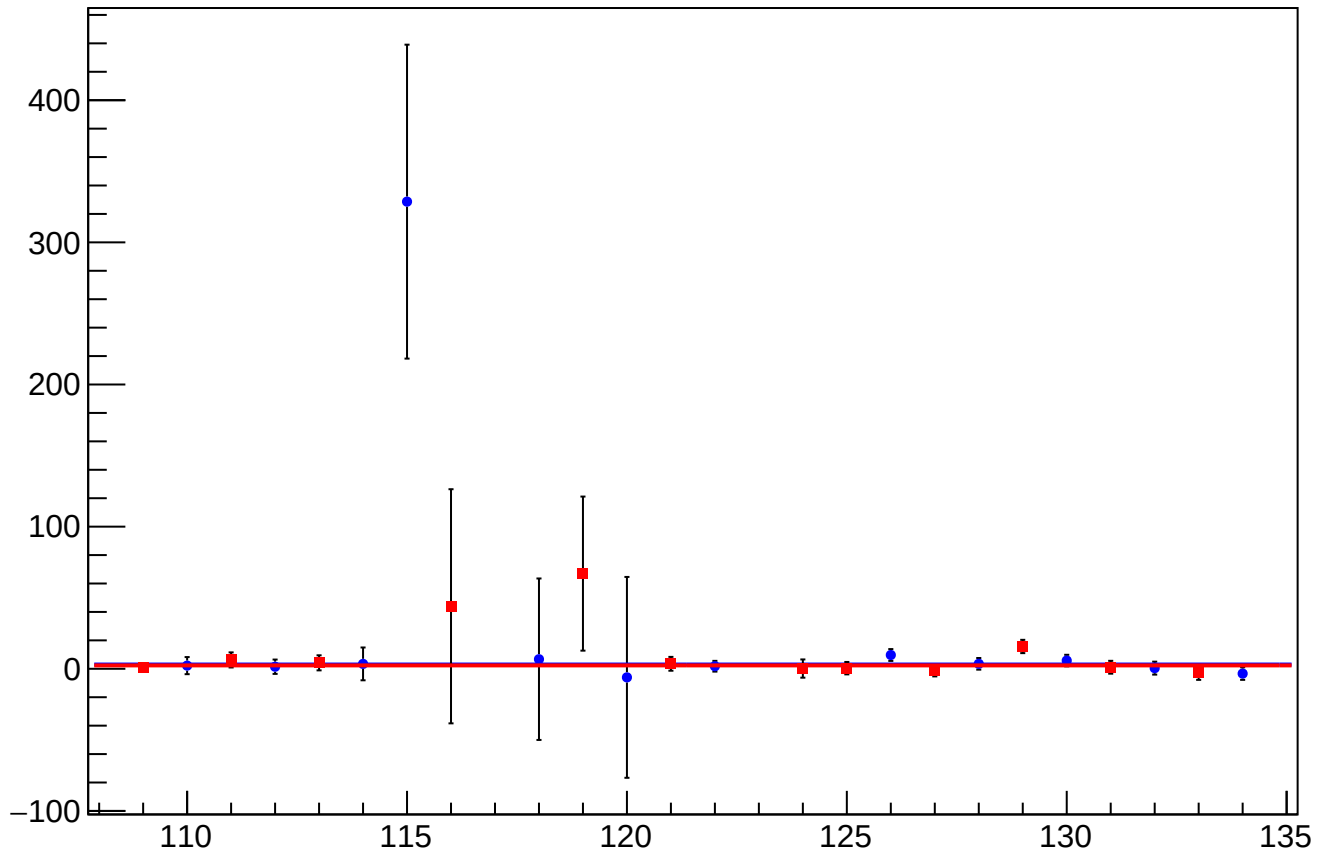
Right: 1579.766 $\pm$ 0.408 χ^2/NDF : 3722225.2/23

In: 1617.909 $\pm$ 0.596 χ^2/NDF : 1983862.0/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1579.766 $\pm$ 0.408 χ^2/NDF : 3722225.2/23

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.995+/-1.538 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.386+/-1.391 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

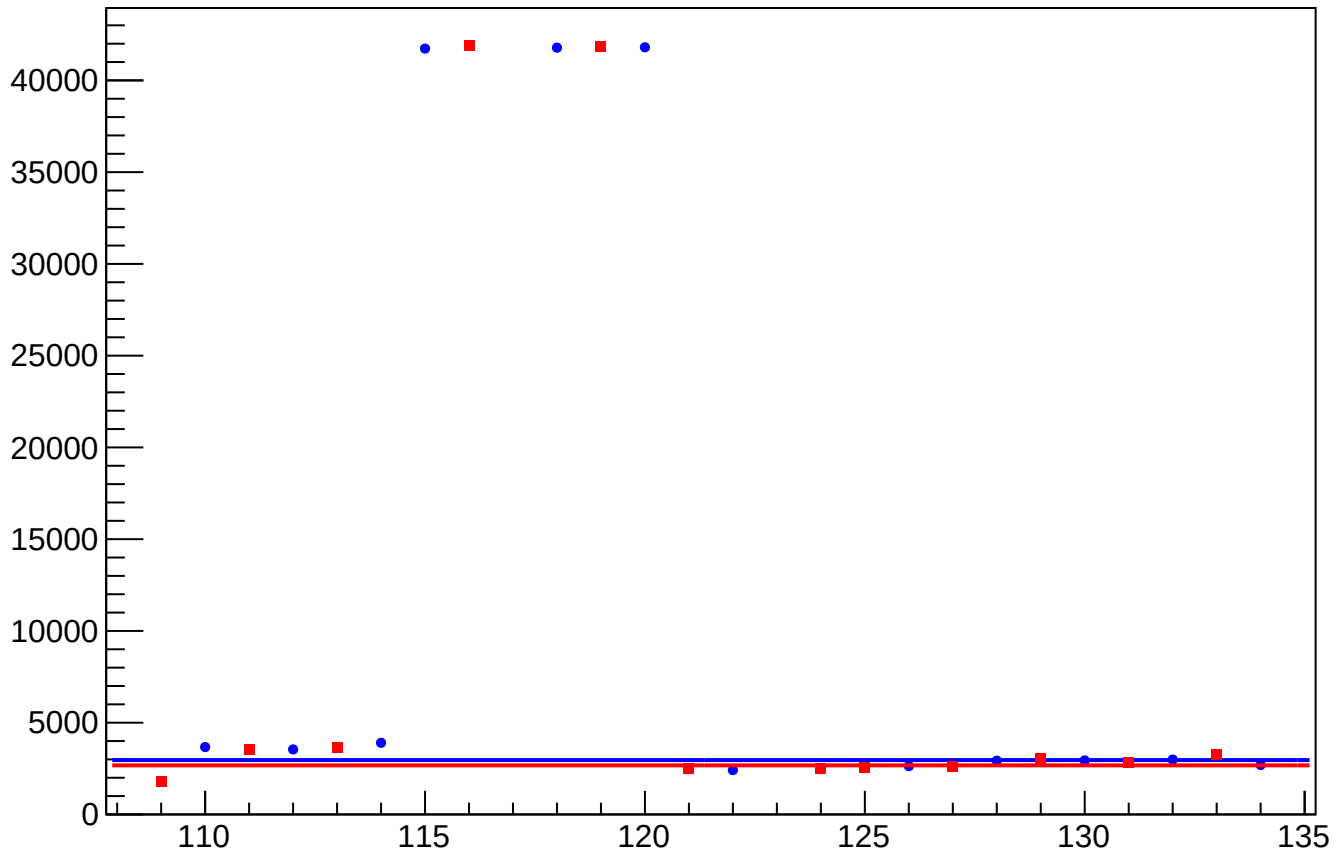
Right: 2.660+/-1.032 χ^2/NDF : 27.8/23

In: 2.995+/-1.538 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.660+/-1.032 χ^2/NDF : 27.8/23

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 2963.146+/-1.088 χ^2/NDF : 1914579.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2674.715+/-0.984 χ^2/NDF : 1859501.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

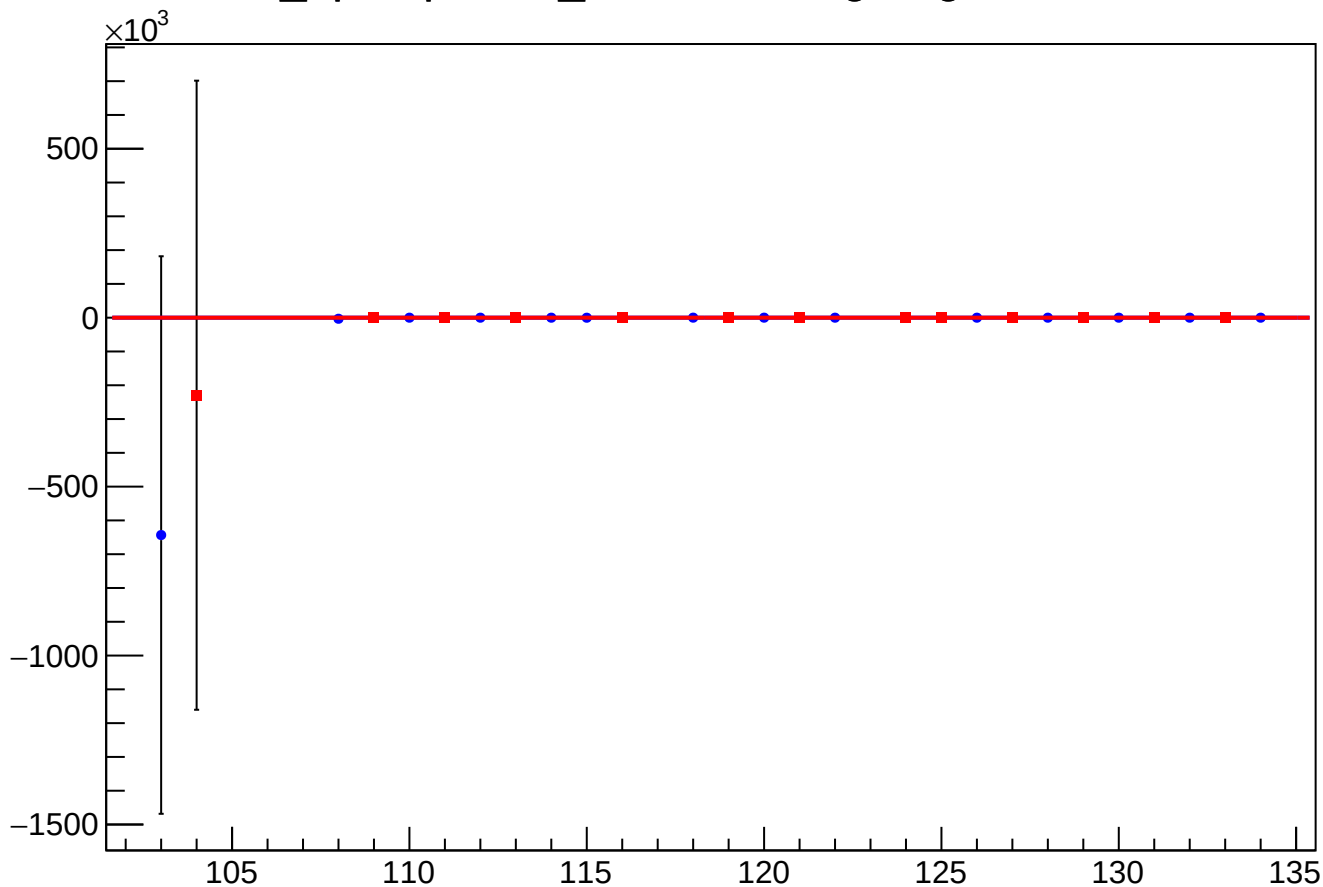
Right: 2804.523+/-0.730 χ^2/NDF : 3812762.5/23

In: 2963.146+/-1.088 χ^2/NDF : 1914579.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.523+/-0.730 χ^2/NDF : 3812762.5/23

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 0.159+/-1.446 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.905+/-1.506 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

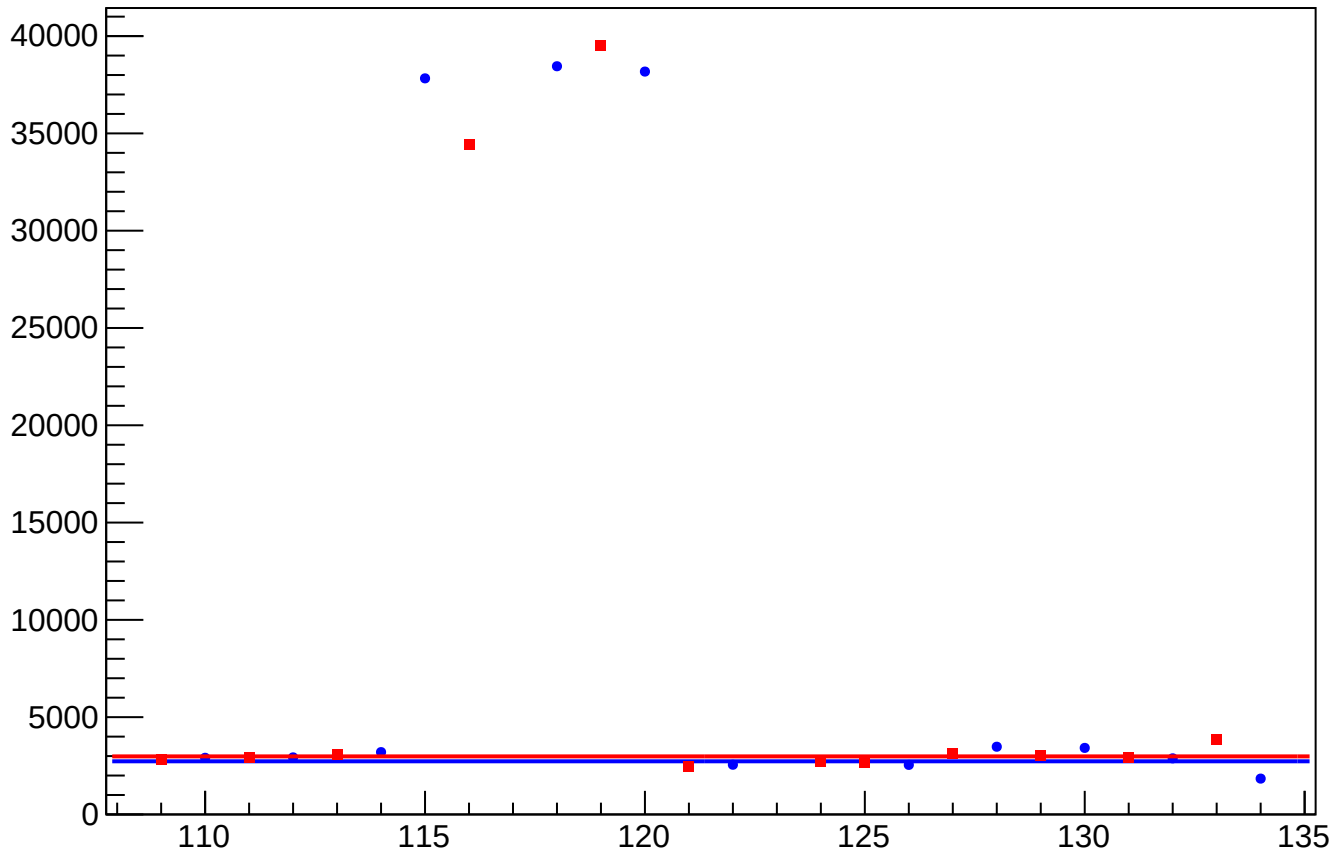
Right: 1.956+/-1.043 χ^2/NDF : 32.2/26

In: 0.159+/-1.446 χ^2/NDF : 16.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.956+/-1.043 χ^2/NDF : 32.2/26

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2731.730+/-1.022 χ^2/NDF : 2050797.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2983.919+/-1.065 χ^2/NDF : 1537065.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

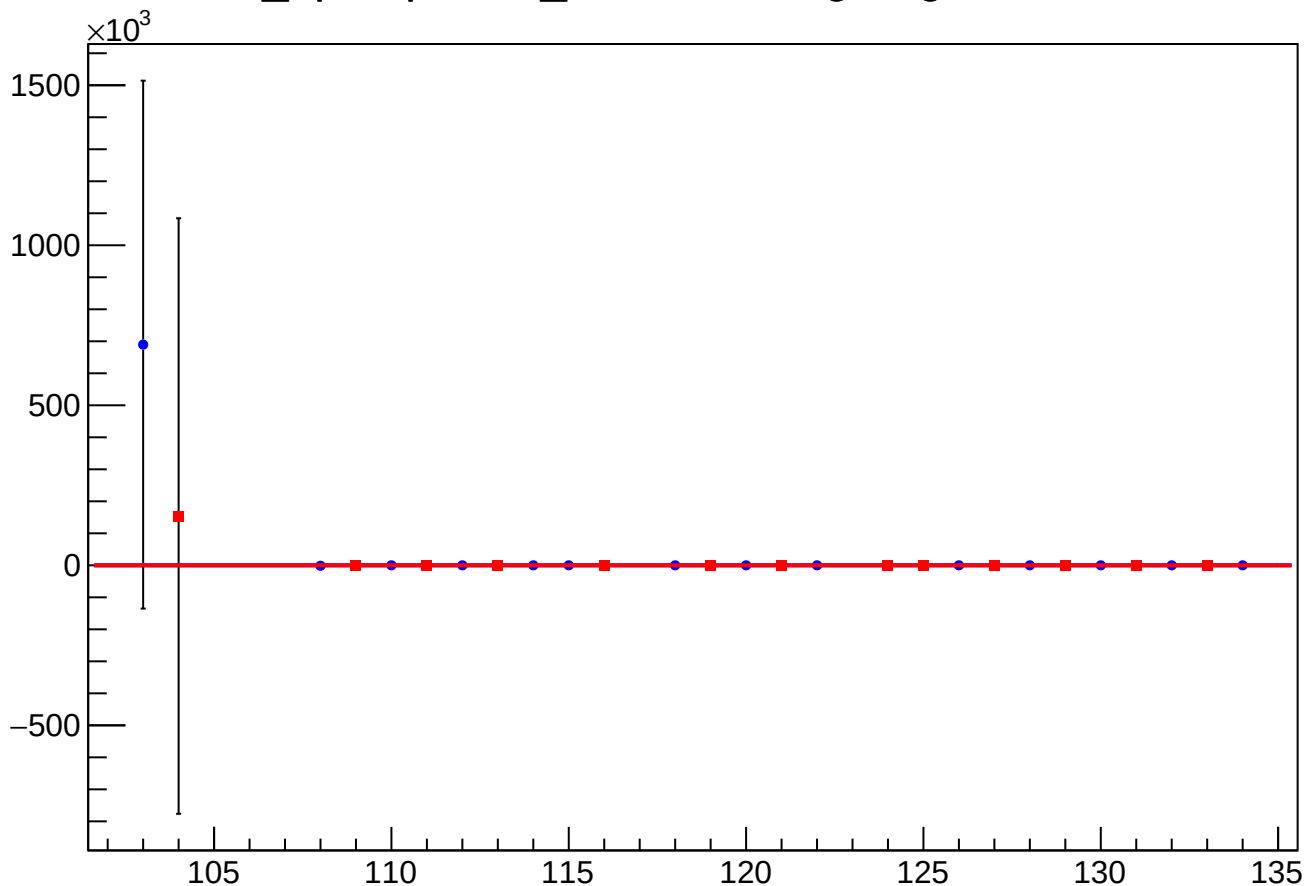
Right: 2852.709+/-0.737 χ^2/NDF : 3617058.2/23

In: 2731.730+/-1.022 χ^2/NDF : 2050797.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2852.709+/-0.737 χ^2/NDF : 3617058.2/23

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.937 $\pm$ 1.425 χ^2 /NDF: 4.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.610 $\pm$ 1.264 χ^2 /NDF: 14.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

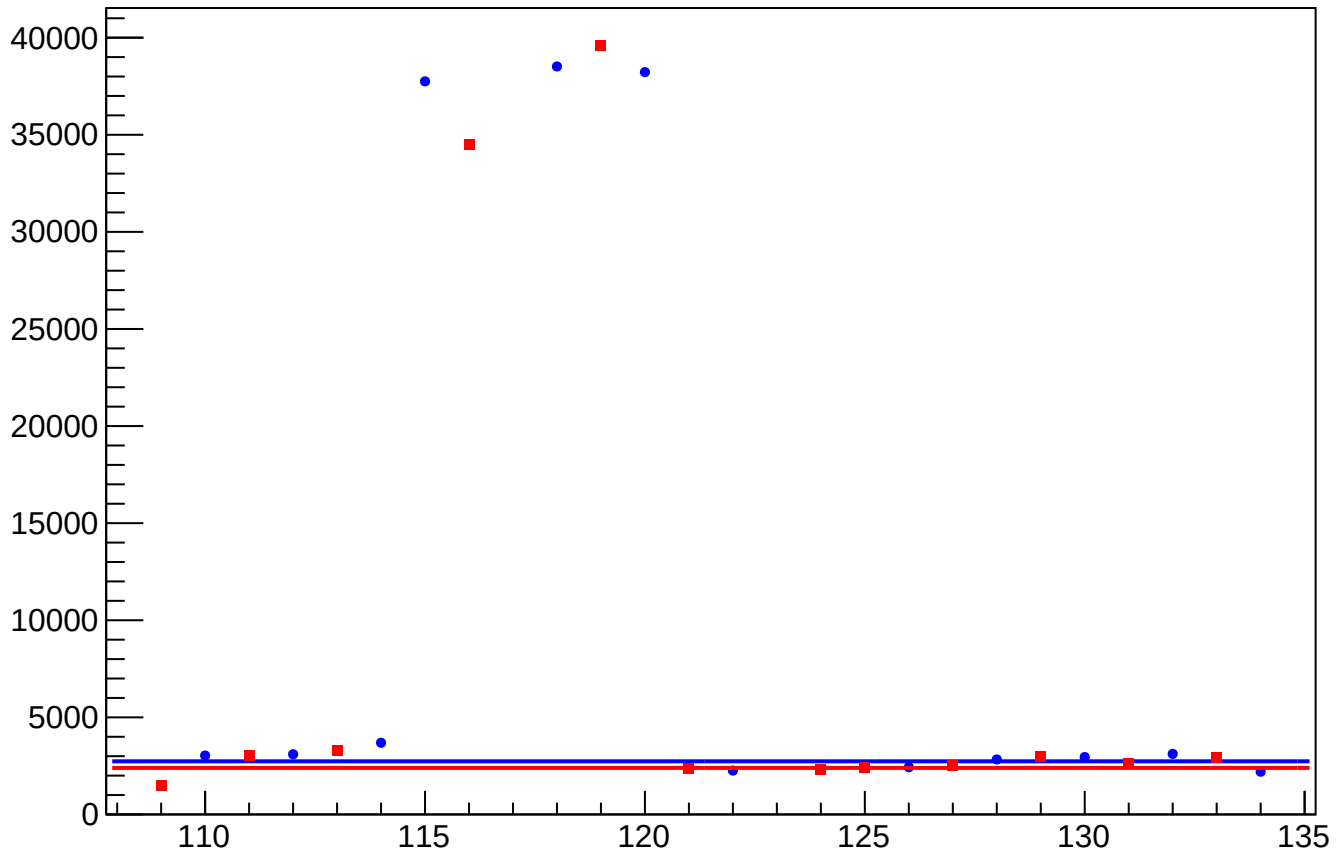
Right: 1.874 $\pm$ 0.945 χ^2 /NDF: 19.3/26

In: 0.937 $\pm$ 1.425 χ^2 /NDF:4.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.874 $\pm$ 0.945 χ^2 /NDF: 19.3/26

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2736.758 ± 1.007 $\chi^2/\text{NDF}: 1925326.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2396.473 ± 0.894 $\chi^2/\text{NDF}: 1985535.1/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

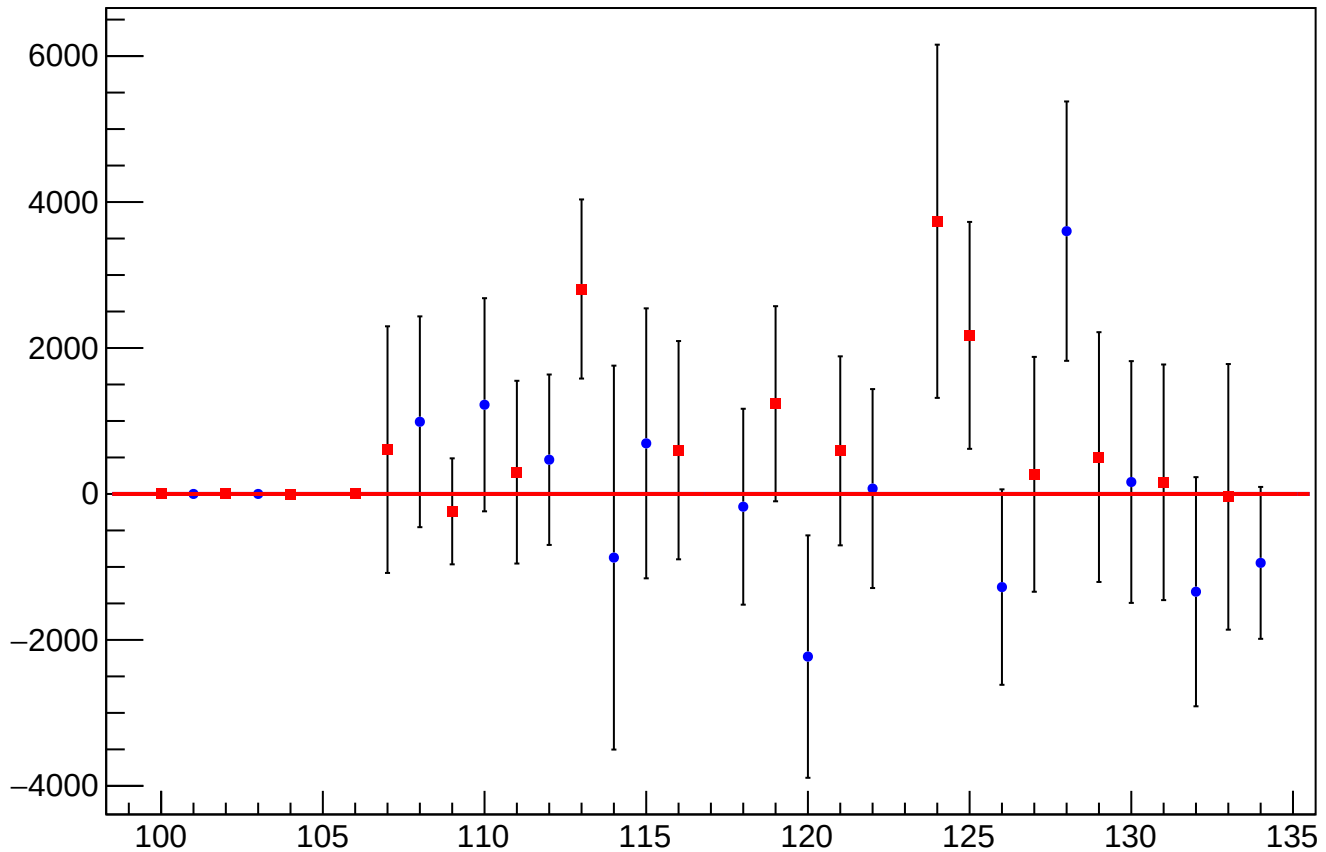
Right: 2546.342 ± 0.669 $\chi^2/\text{NDF}: 3974718.6/23$

In: 2736.758 ± 1.007 $\chi^2/\text{NDF}: 1925326.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2546.342 ± 0.669 $\chi^2/\text{NDF}: 3974718.6/23$

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 10.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

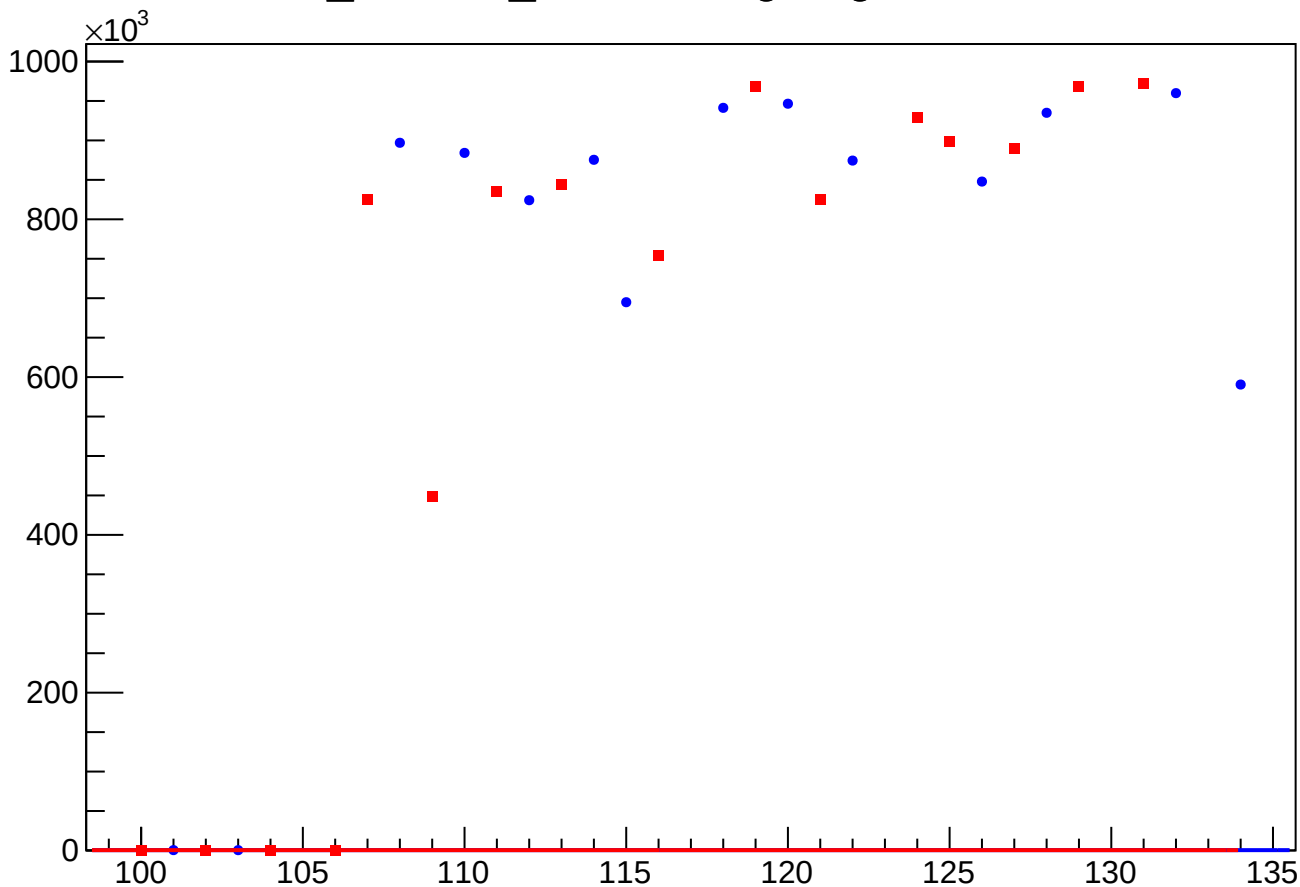
Right: 0.066+/-0.241 χ^2/NDF : 25.2/31

In: 0.256+/-0.356 χ^2/NDF : 10.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 25.2/31

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.685 $\pm$ 0.251 χ^2/NDF : 6729286.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.110 $\pm$ 0.232 χ^2/NDF : 6226395.5/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

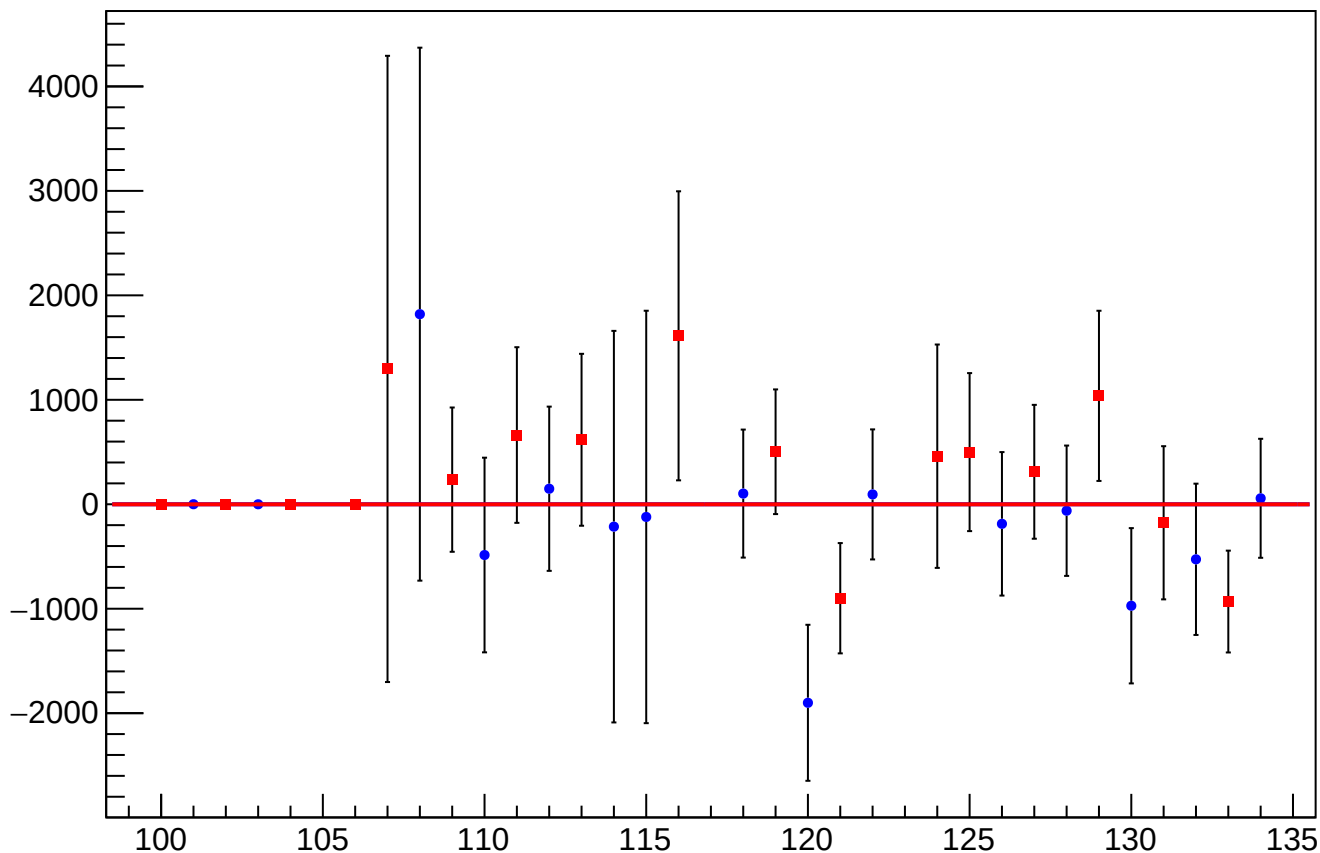
Right: 395.670 $\pm$ 0.170 χ^2/NDF : 12955947.2/29

In: 398.685 $\pm$ 0.251 χ^2/NDF : 6729286.0/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.670 $\pm$ 0.170 χ^2/NDF : 12955947.2/29

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.347 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.598+/-0.324 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

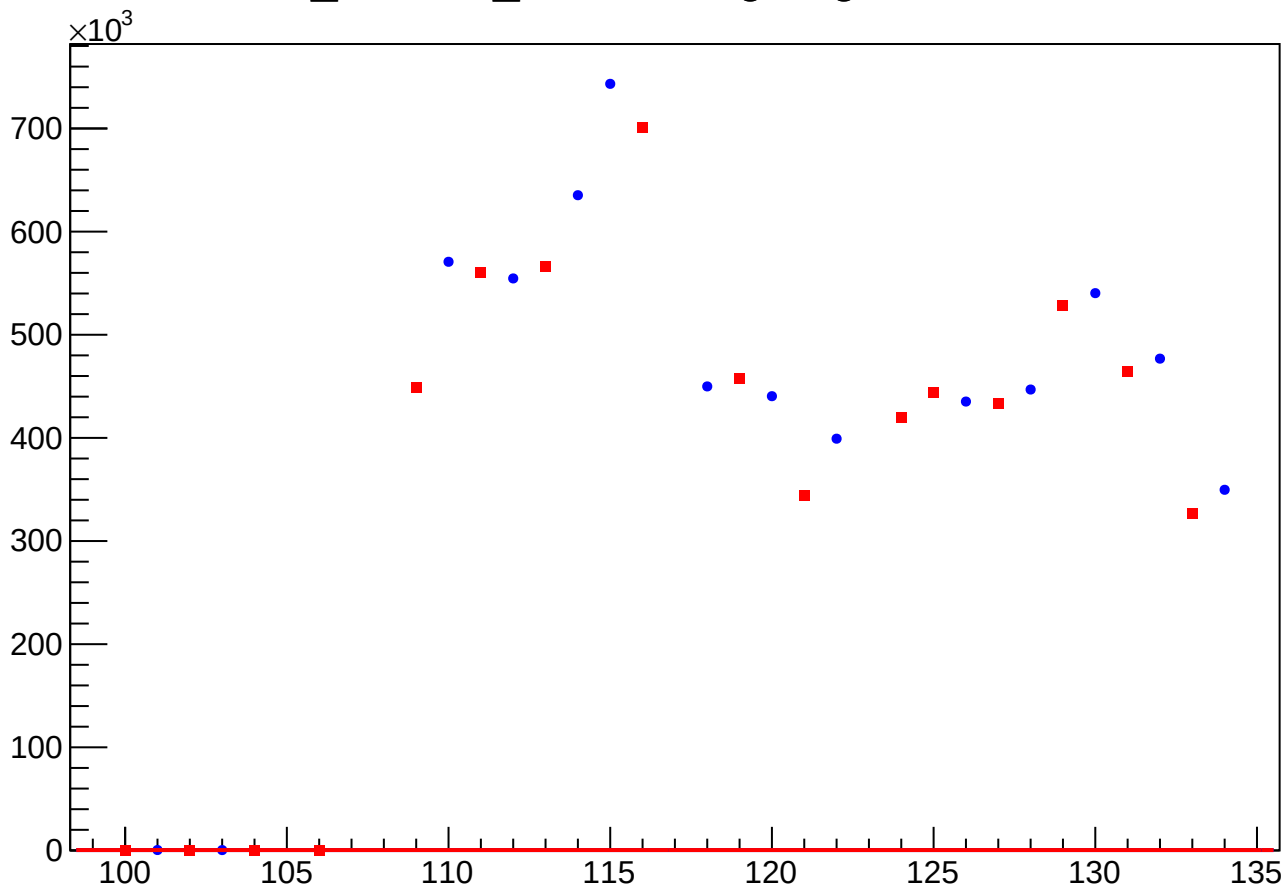
Right: -0.329+/-0.237 χ^2/NDF : 24.6/31

In: -0.021+/-0.347 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.329+/-0.237 χ^2/NDF : 24.6/31

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.868 $\pm$ 0.245 χ^2/NDF : 9360138.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.694 $\pm$ 0.229 χ^2/NDF : 9654906.0/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

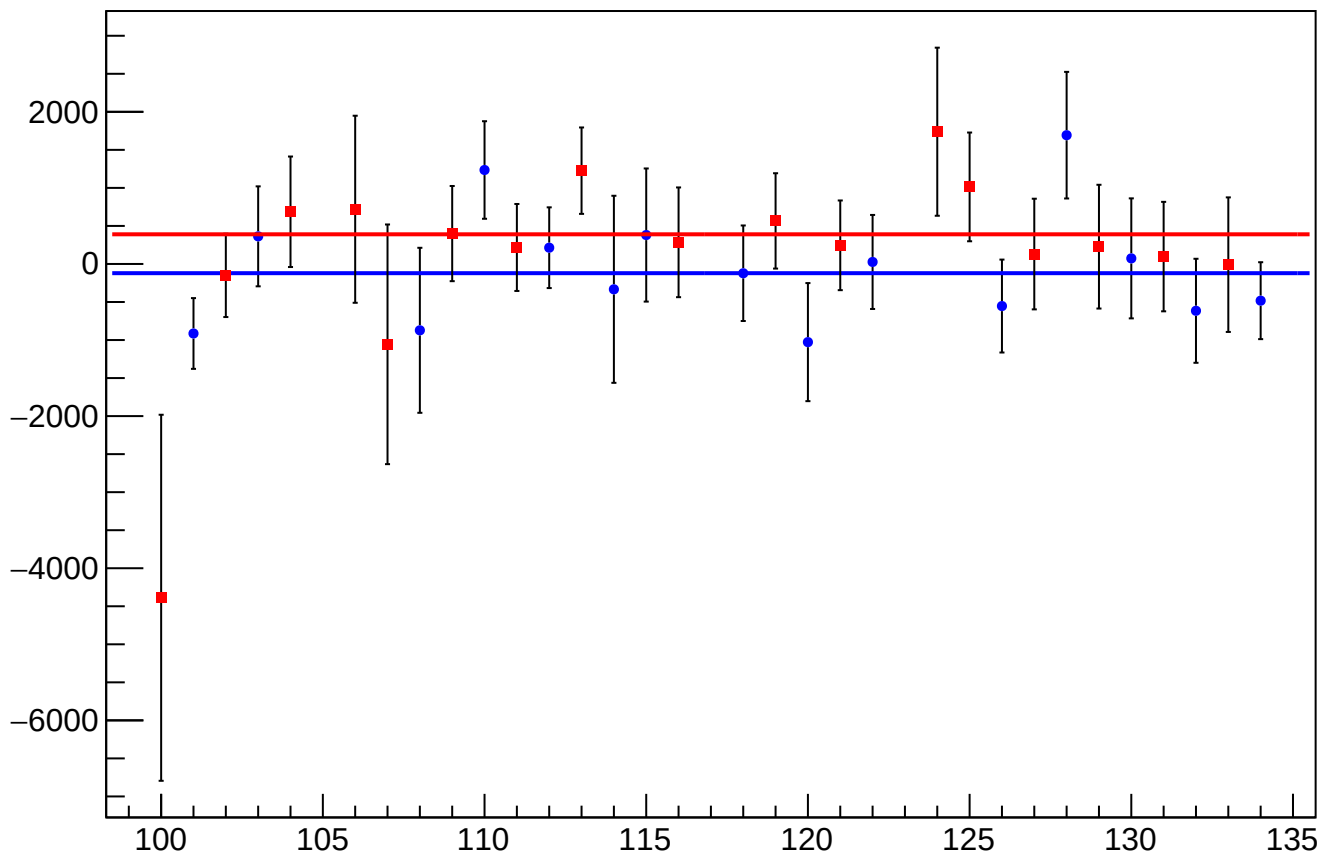
Right: 388.706 $\pm$ 0.167 χ^2/NDF : 19015086.3/29

In: 389.868 $\pm$ 0.245 χ^2/NDF : 9360138.4/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.706 $\pm$ 0.167 χ^2/NDF : 19015086.3/29

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -121.072 $\pm$ 170.656 χ^2 /NDF: 16.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 389.933 $\pm$ 177.016 χ^2 /NDF: 11.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

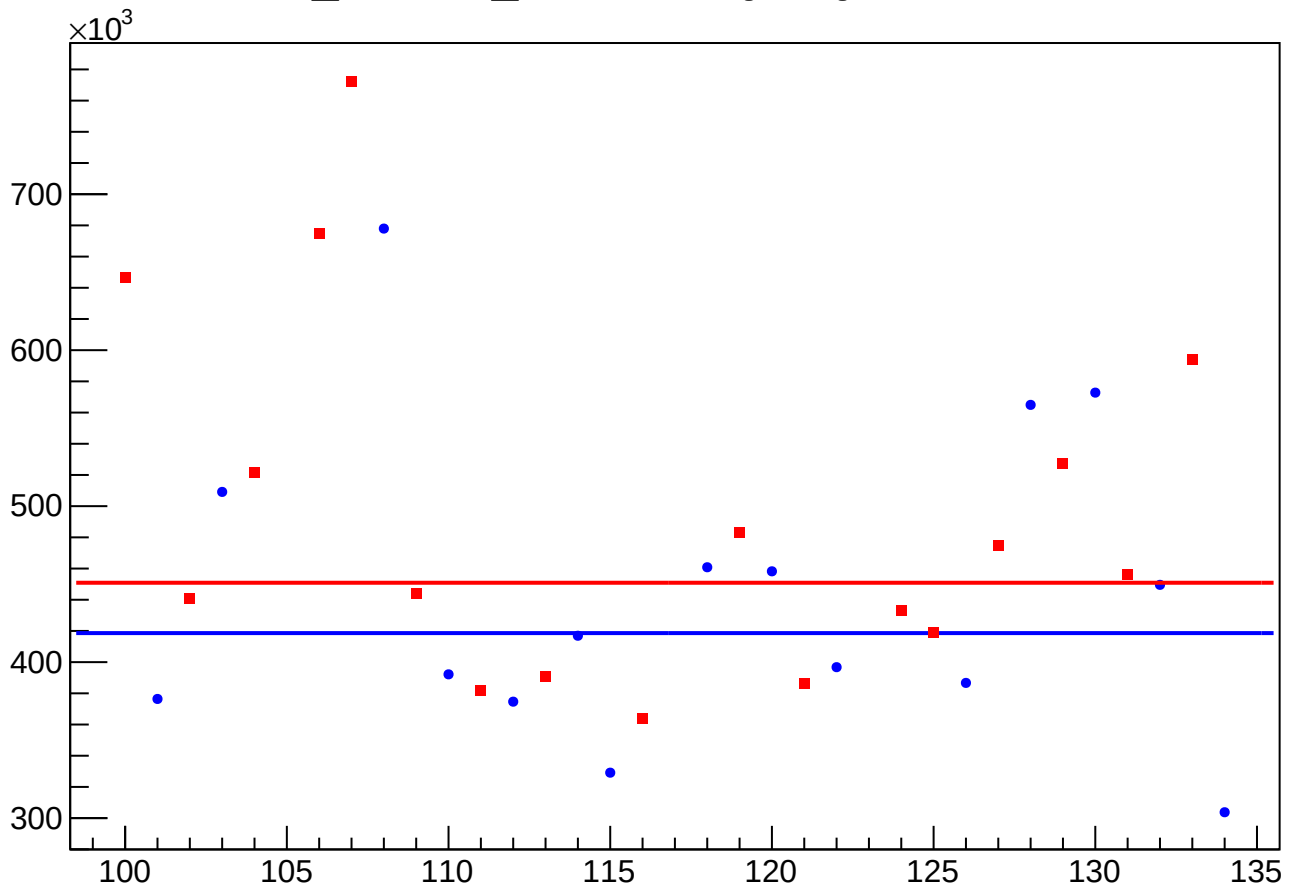
Right: 125.086 $\pm$ 122.859 χ^2 /NDF: 32.5/31

In: -121.072 $\pm$ 170.656 χ^2 /NDF:16.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

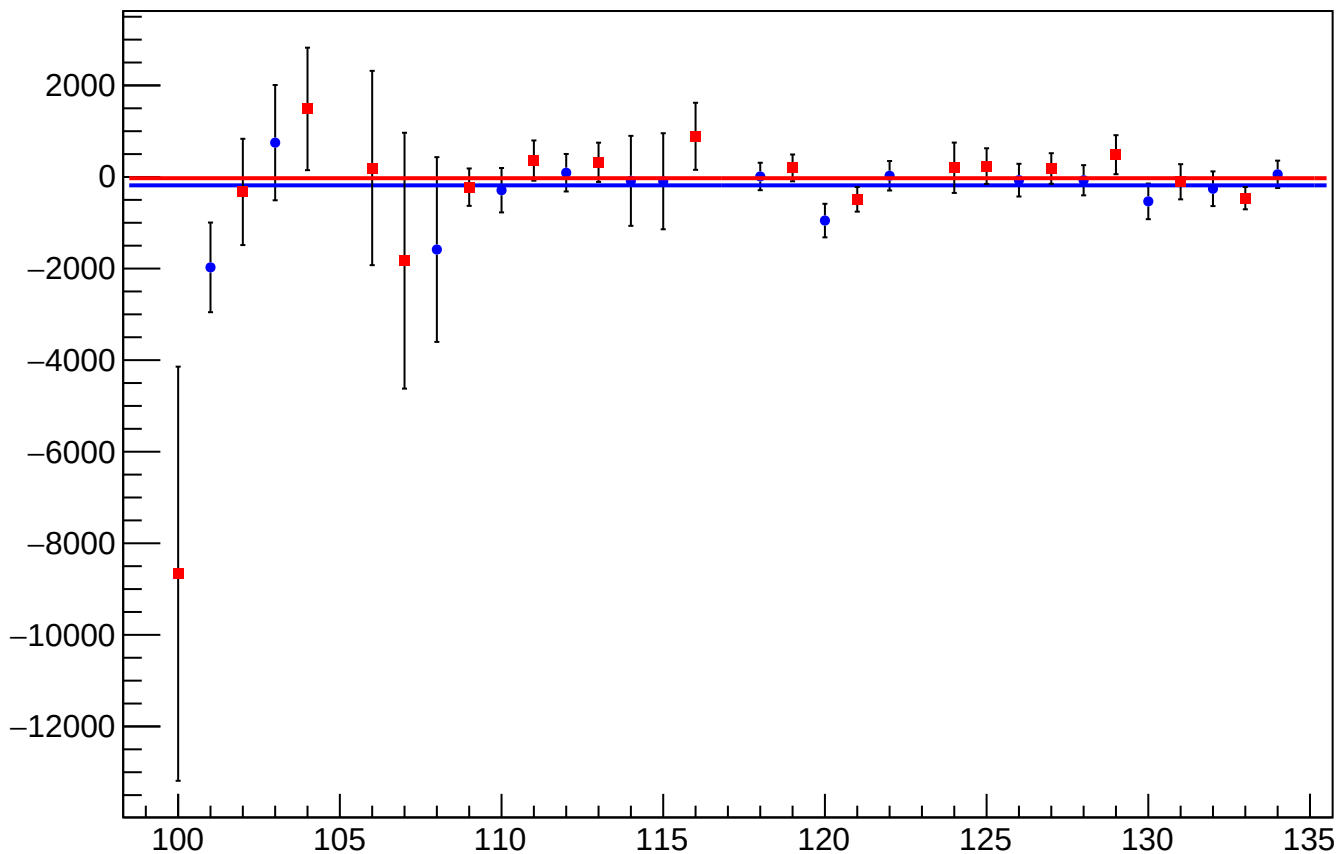
All: 125.086 $\pm$ 122.859 χ^2 /NDF: 32.5/31

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 418619.151+/-120.701 χ^2/NDF : 473854.1/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 450899.321+/-125.209 χ^2/NDF : 367232.8/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 434167.632+/-86.899 χ^2/NDF : 875537.9/31
 In: 418619.151+/-120.701 χ^2/NDF : 473854.1/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -182.660 ± 109.022 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.303 ± 103.301 χ^2/NDF : 17.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

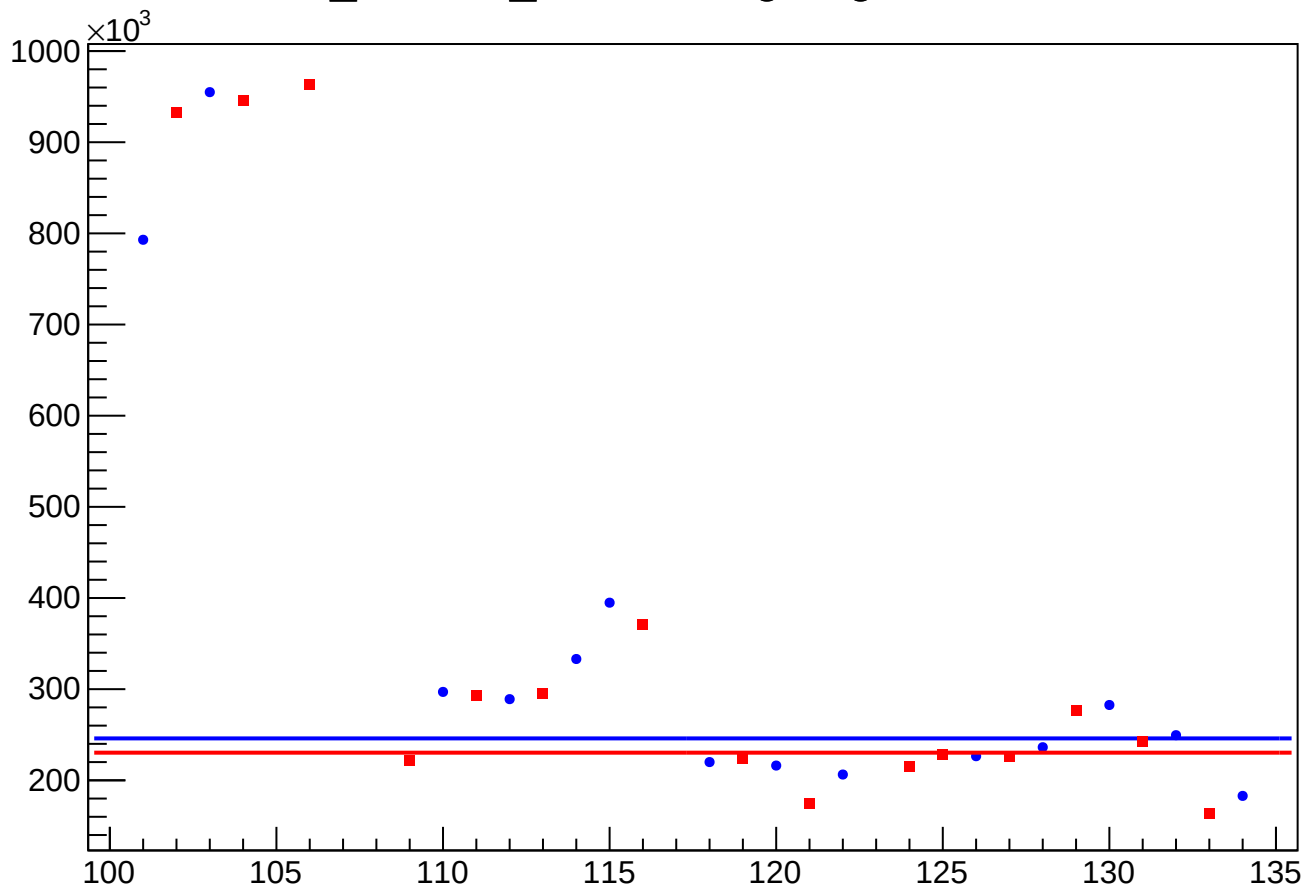
Right: -100.272 ± 74.986 χ^2/NDF : 30.9/31

In: -182.660 ± 109.022 χ^2/NDF : 11.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.272 ± 74.986 χ^2/NDF : 30.9/31

diff_cav4cY_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 245985.046+/-77.295 χ^2/NDF : 1330491.8/13

Right: 237743.689+/-53.187 χ^2/NDF : 2965200.1/28

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230332.561+/-73.299 χ^2/NDF : 1613117.1/14

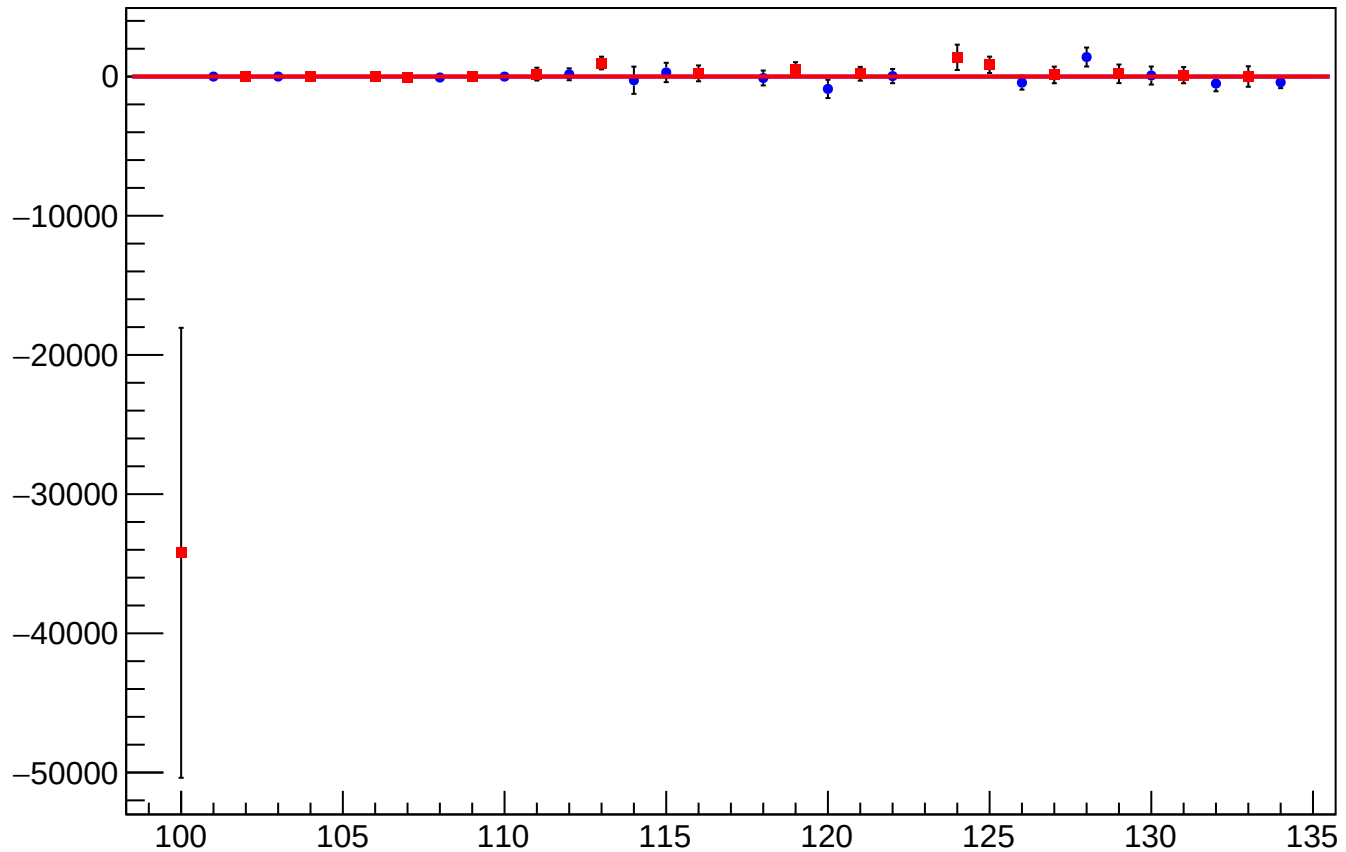
In: 245985.046+/-77.295 χ^2/NDF : 1330491.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237743.689+/-53.187 χ^2/NDF : 2965200.1/28

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

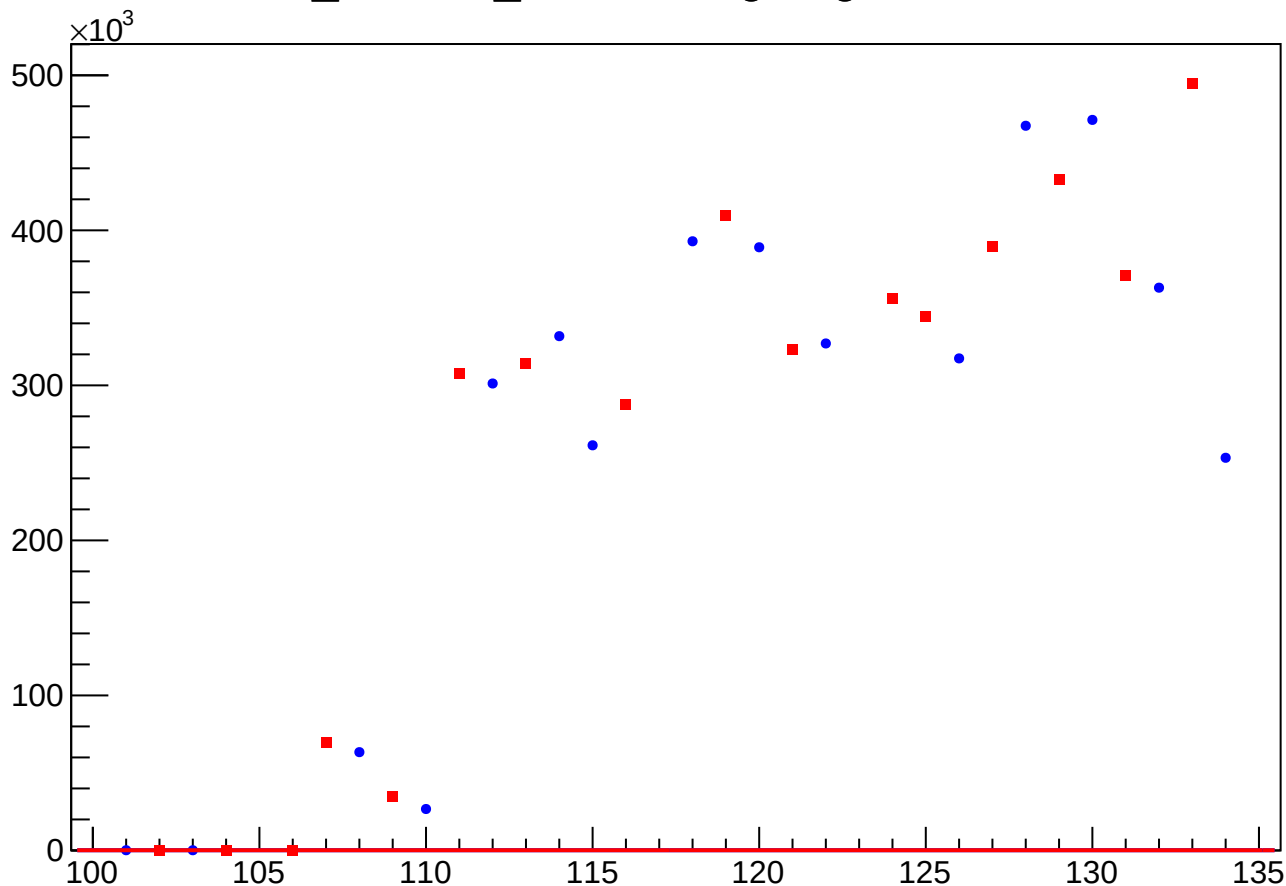
Right: 0.174+/-0.117 χ^2/NDF : 28.5/31

In: -0.035+/-0.172 χ^2/NDF : 10.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 28.5/31

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.978+/-0.122 χ^2/NDF : 9538433.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.302+/-0.113 χ^2/NDF : 9866139.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

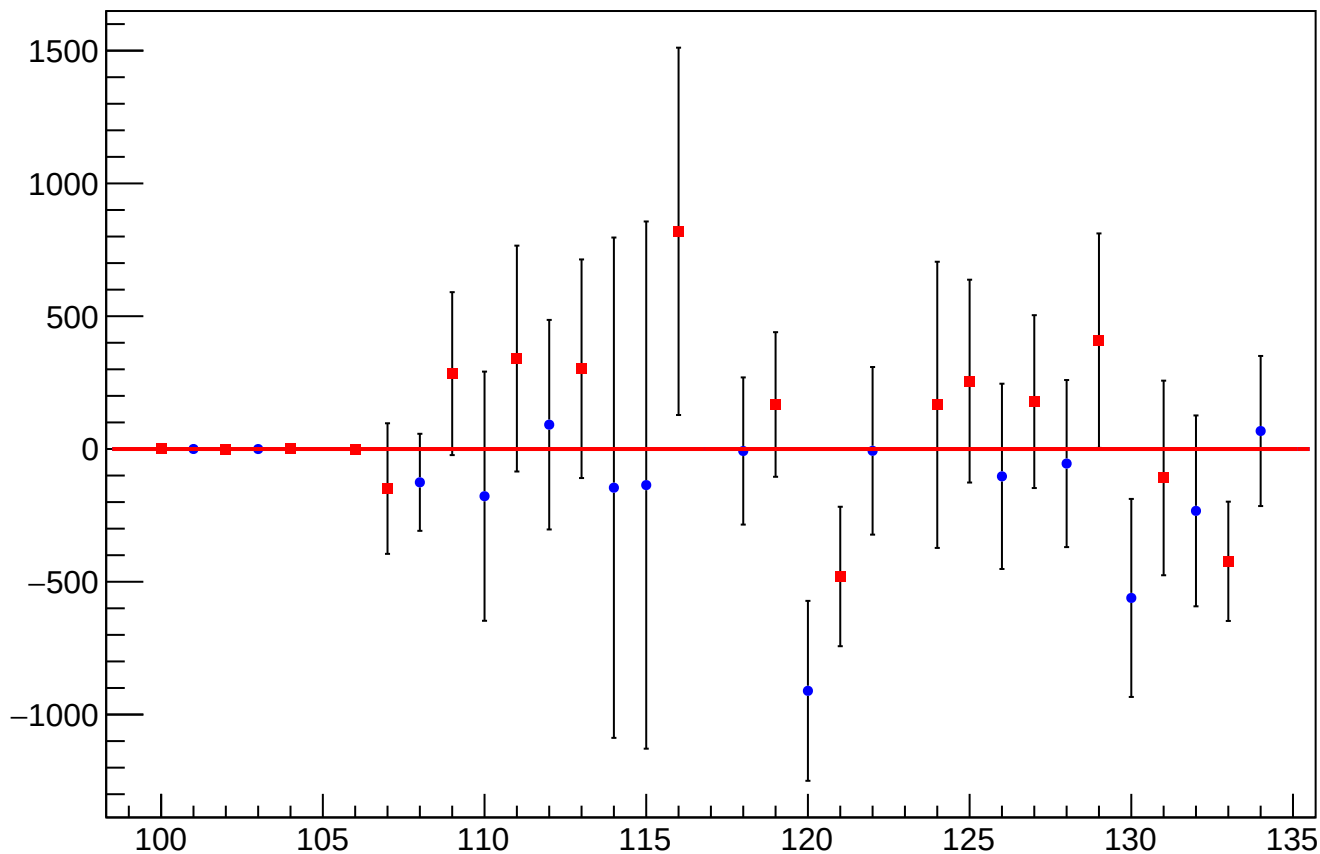
Right: 149.152+/-0.083 χ^2/NDF : 19404576.9/30

In: 148.978+/-0.122 χ^2/NDF :9538433.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.152+/-0.083 χ^2/NDF : 19404576.9/30

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 10.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.166 χ^2/NDF : 13.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

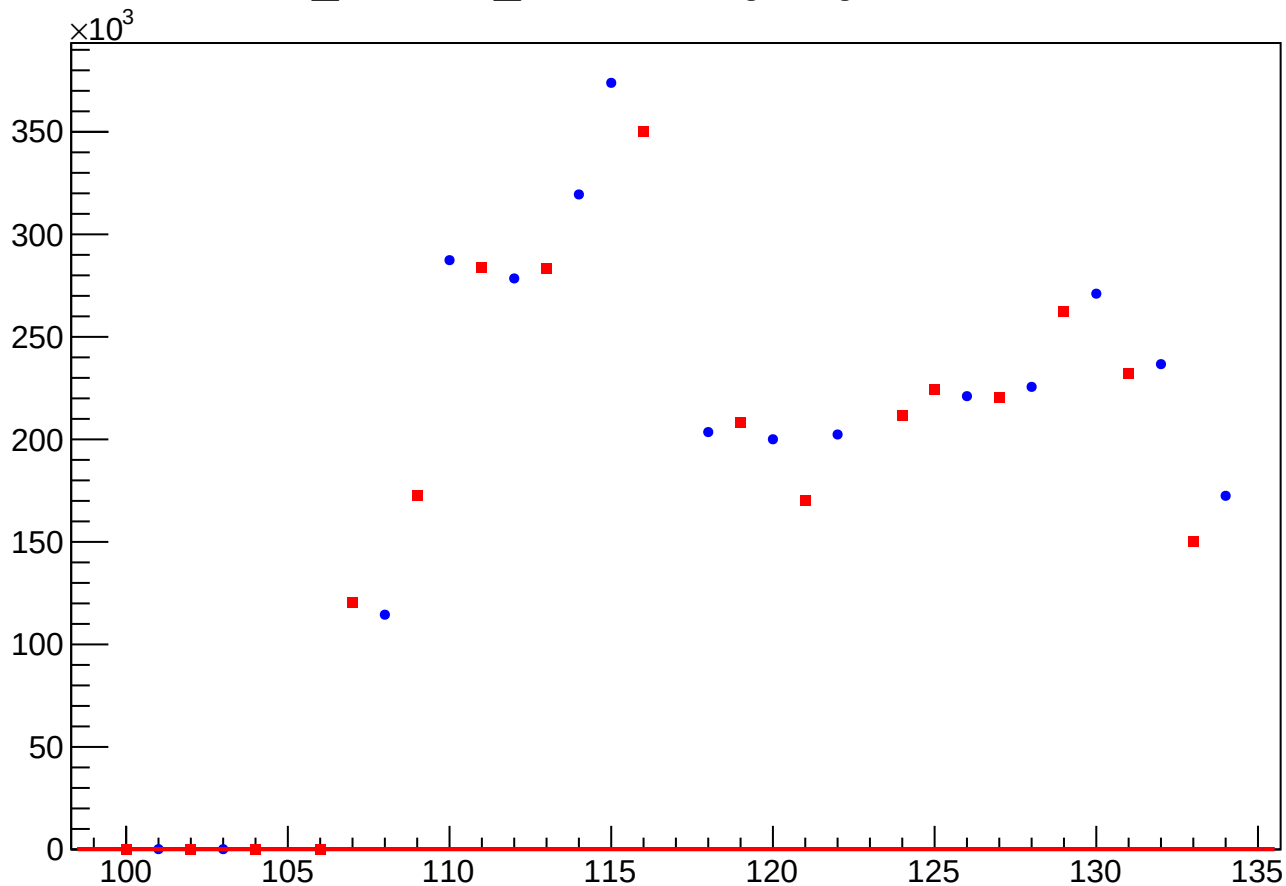
Right: -0.099 ± 0.121 χ^2/NDF : 24.2/31

In: -0.068 ± 0.177 χ^2/NDF : 10.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 24.2/31

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.259+/-0.125 χ^2/NDF : 10133808.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 156.011+/-0.118 χ^2/NDF : 9909811.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

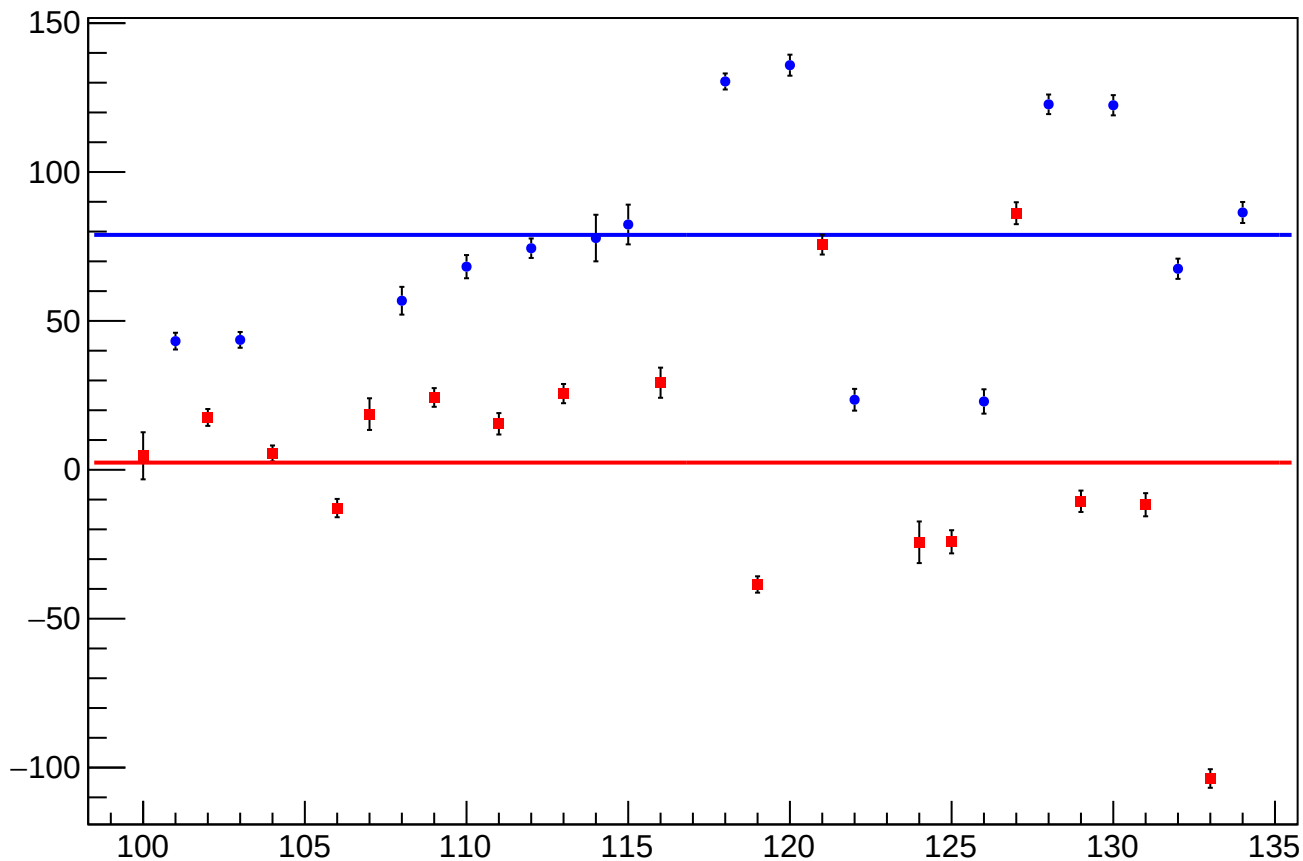
Right: 154.721+/-0.086 χ^2/NDF : 20043875.5/31

In: 153.259+/-0.125 χ^2/NDF :10133808.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.721+/-0.086 χ^2/NDF : 20043875.5/31

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 78.887 $\pm$ 0.908 χ^2 /NDF: 1771.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.417 $\pm$ 0.856 χ^2 /NDF: 2667.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

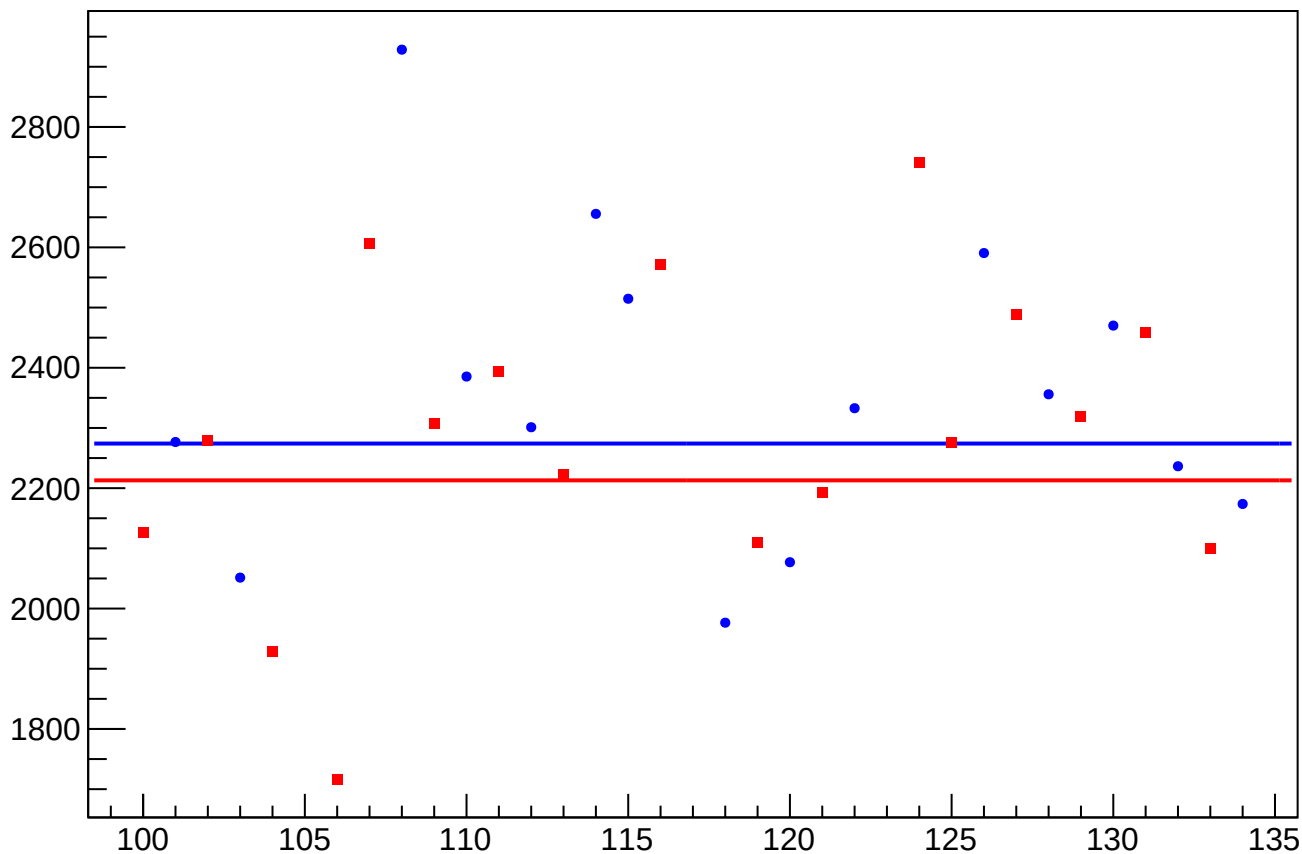
Right: 38.404 $\pm$ 0.623 χ^2 /NDF: 8190.5/31

In: 78.887 $\pm$ 0.908 χ^2 /NDF:1771.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.404 $\pm$ 0.623 χ^2 /NDF: 8190.5/31

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2274.101+/-0.642 χ^2/NDF : 115488.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2212.958+/-0.606 χ^2/NDF : 142341.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

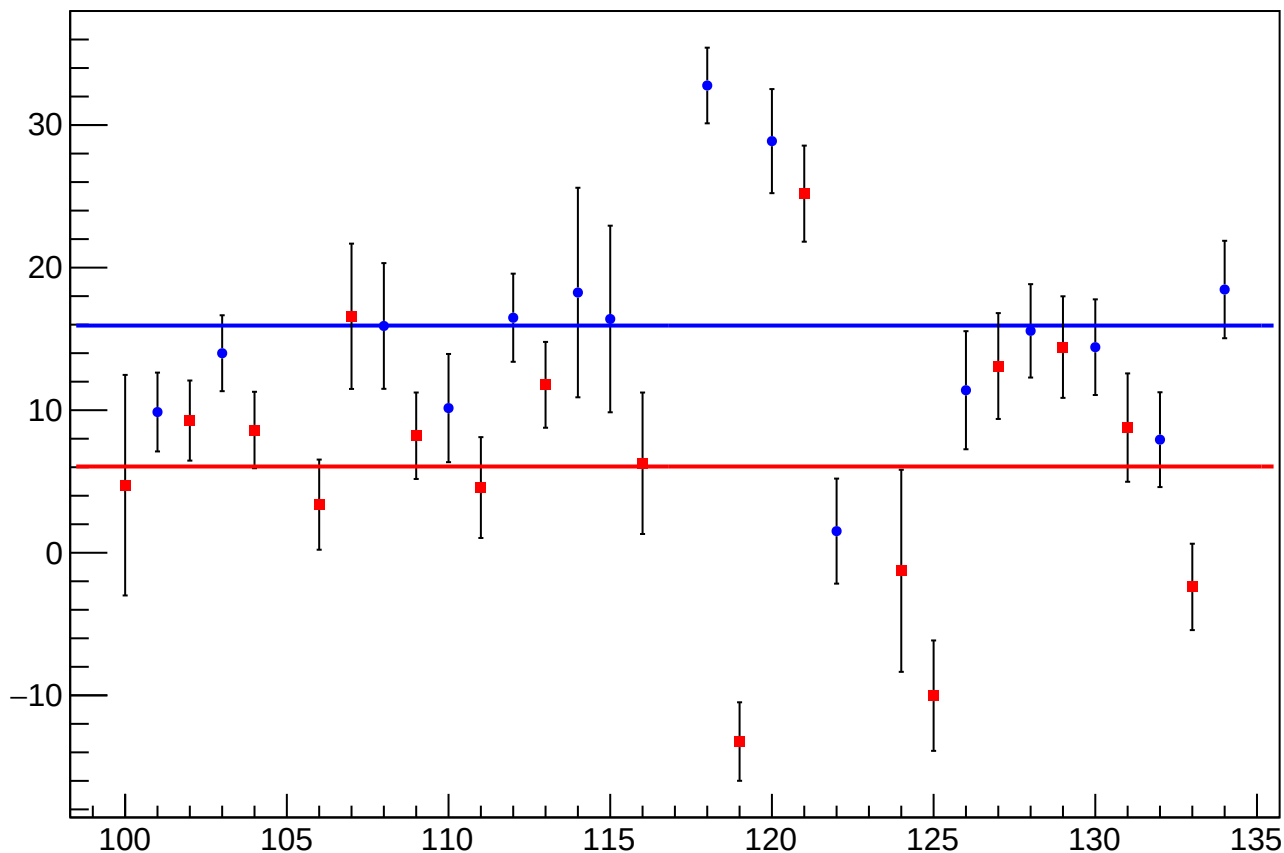
Right: 2241.732+/-0.441 χ^2/NDF : 262626.9/31

In: 2274.101+/-0.642 χ^2/NDF : 115488.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2241.732+/-0.441 χ^2/NDF : 262626.9/31

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 15.936 $\pm$ 0.896 χ^2 /NDF: 83.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.051 $\pm$ 0.846 χ^2 /NDF: 128.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

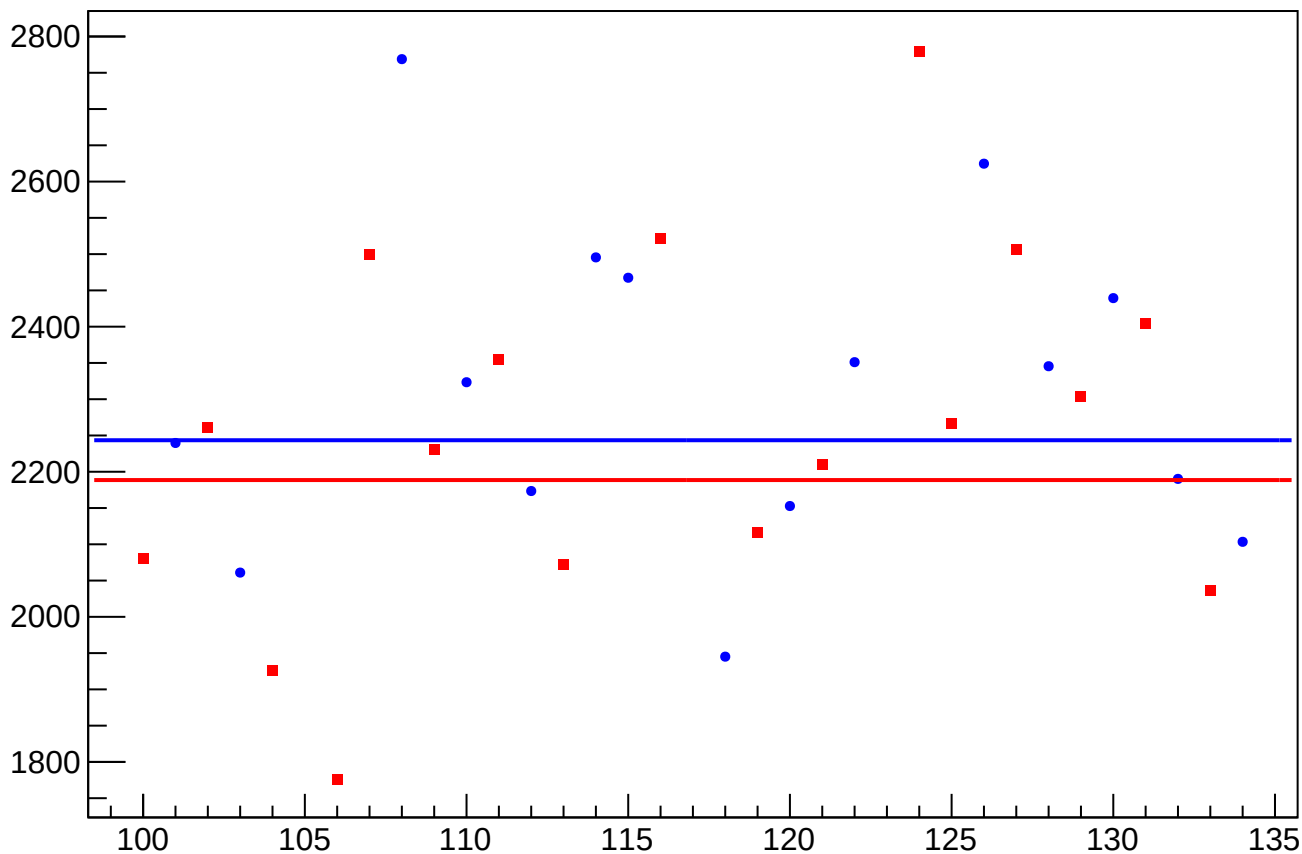
Right: 10.712 $\pm$ 0.615 χ^2 /NDF: 276.7/31

In: 15.936 $\pm$ 0.896 χ^2 /NDF: 83.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.712 $\pm$ 0.615 χ^2 /NDF: 276.7/31

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2243.446 $\pm$ 0.633 χ^2 /NDF: 102210.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2188.555 $\pm$ 0.598 χ^2 /NDF: 123655.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

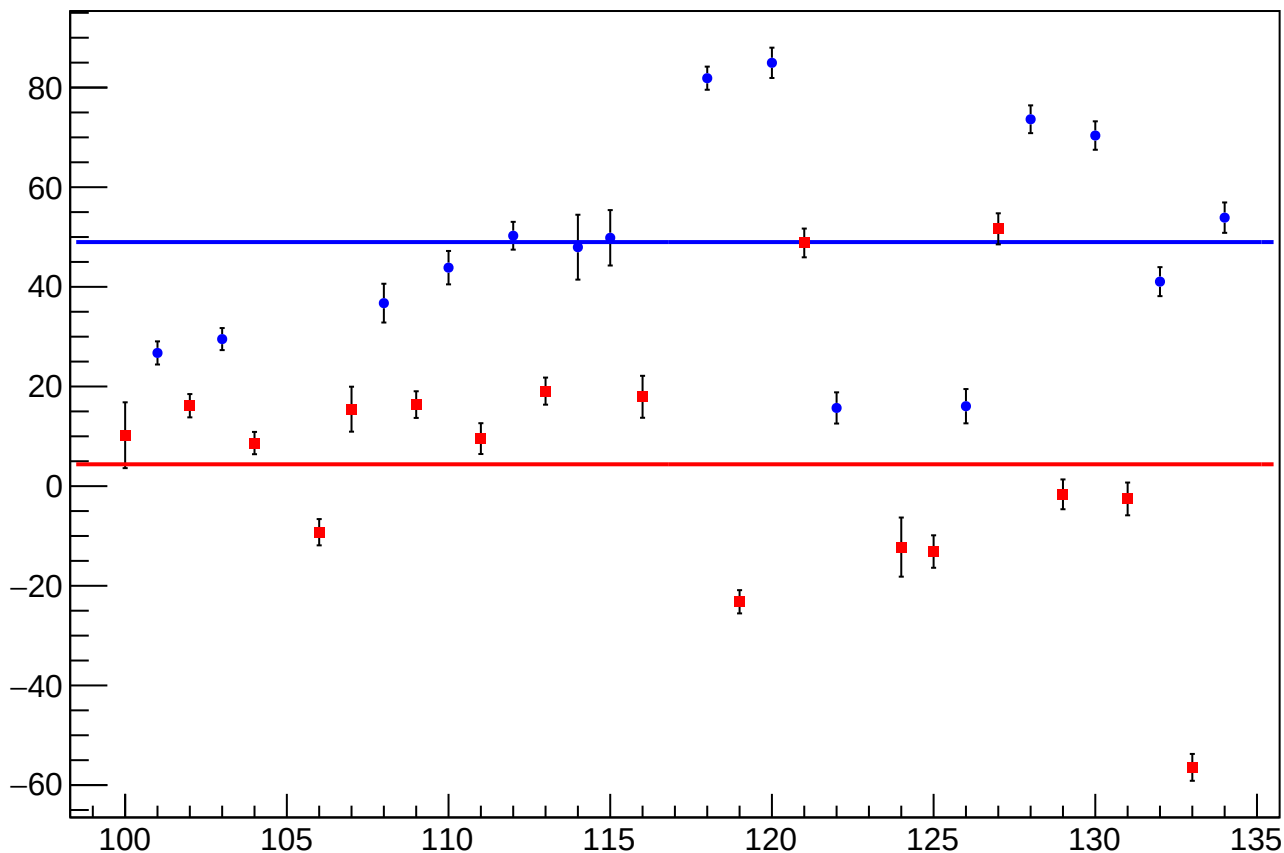
Right: 2214.438 $\pm$ 0.435 χ^2 /NDF: 229835.0/31

In: 2243.446 $\pm$ 0.633 χ^2 /NDF:102210.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2214.438 $\pm$ 0.435 χ^2 /NDF: 229835.0/31

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 48.985 $\pm$ 0.770 χ^2 /NDF: 871.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.385 $\pm$ 0.724 χ^2 /NDF: 1285.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

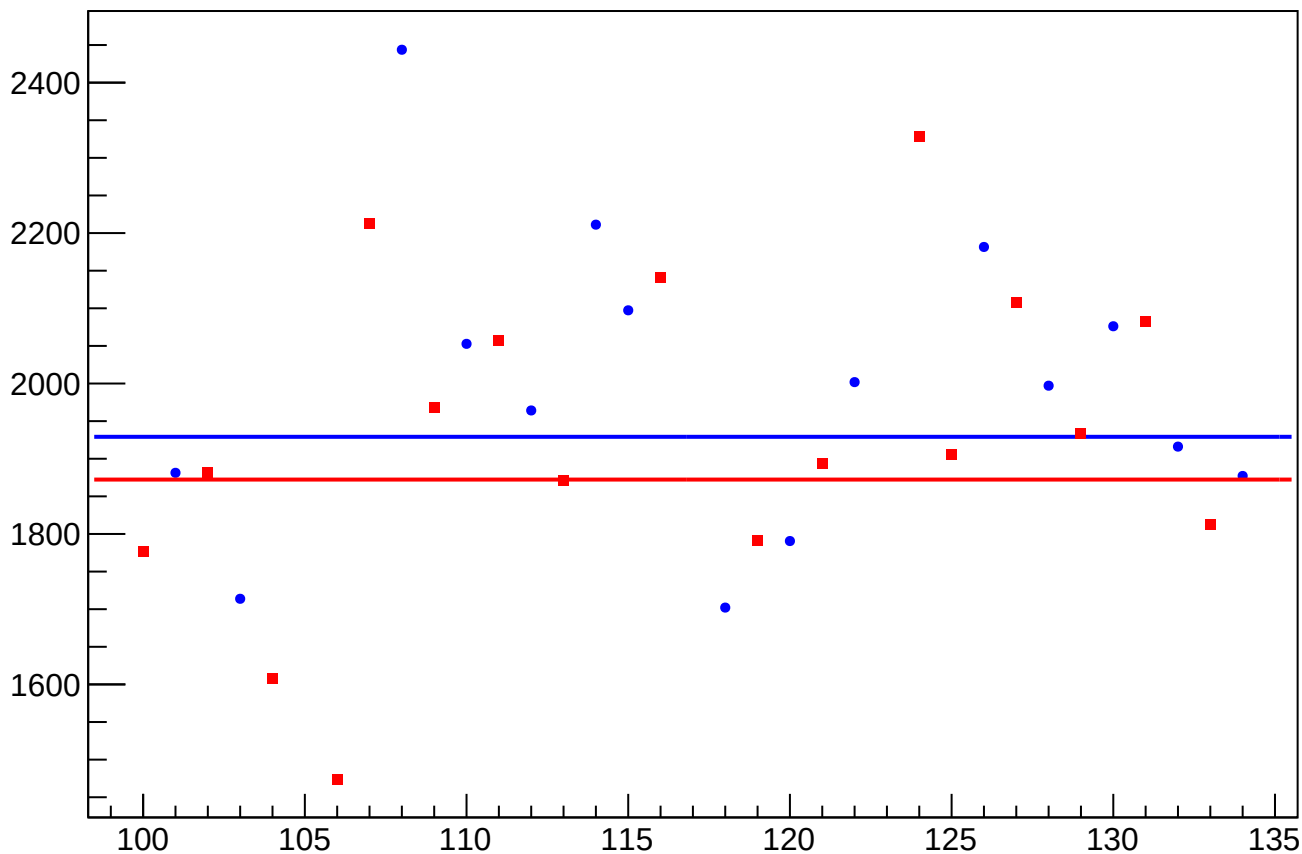
Right: 25.323 $\pm$ 0.528 χ^2 /NDF: 3935.8/31

In: 48.985 $\pm$ 0.770 χ^2 /NDF:871.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.323 $\pm$ 0.528 χ^2 /NDF: 3935.8/31

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1929.161+/-0.545 χ^2/NDF : 105576.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.315+/-0.512 χ^2/NDF : 139284.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

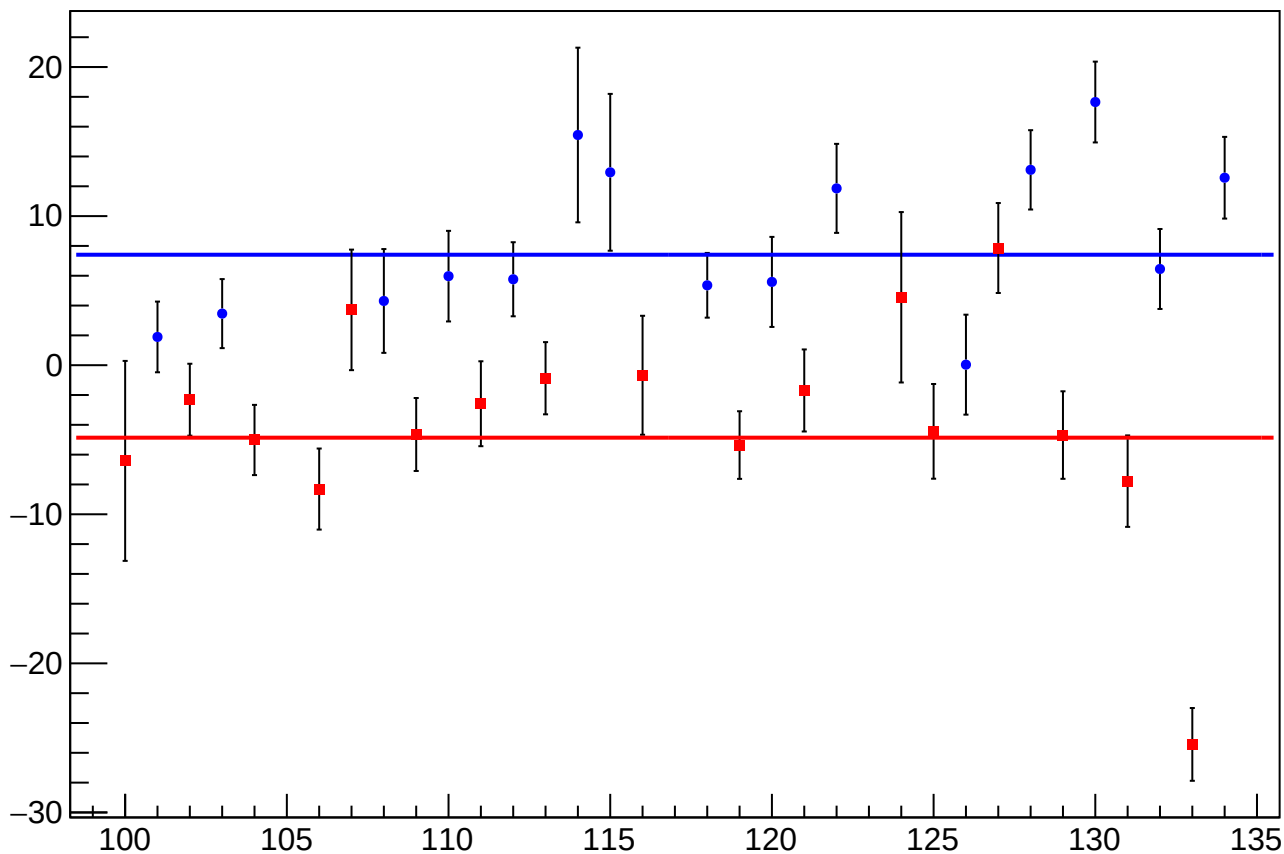
Right: 1899.002+/-0.373 χ^2/NDF : 250642.4/31

In: 1929.161+/-0.545 χ^2/NDF : 105576.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.002+/-0.373 χ^2/NDF : 250642.4/31

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.409 ± 0.734 $\chi^2/\text{NDF}: 43.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.862 ± 0.698 $\chi^2/\text{NDF}: 105.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

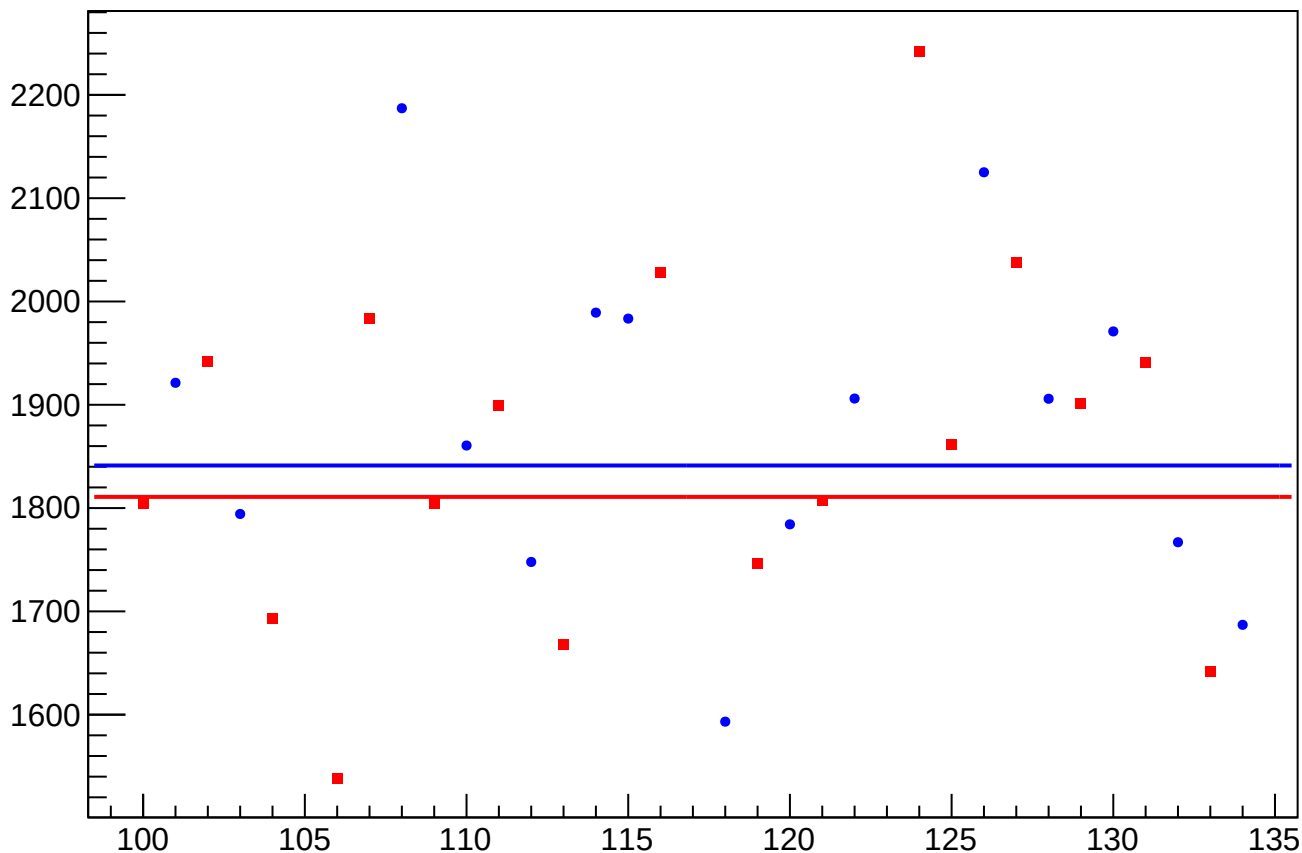
Right: 0.966 ± 0.506 $\chi^2/\text{NDF}: 295.9/31$

In: 7.409 ± 0.734 $\chi^2/\text{NDF}: 43.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.966 ± 0.506 $\chi^2/\text{NDF}: 295.9/31$

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1841.228+/-0.519 χ^2/NDF : 84205.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1810.824+/-0.494 χ^2/NDF : 89414.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

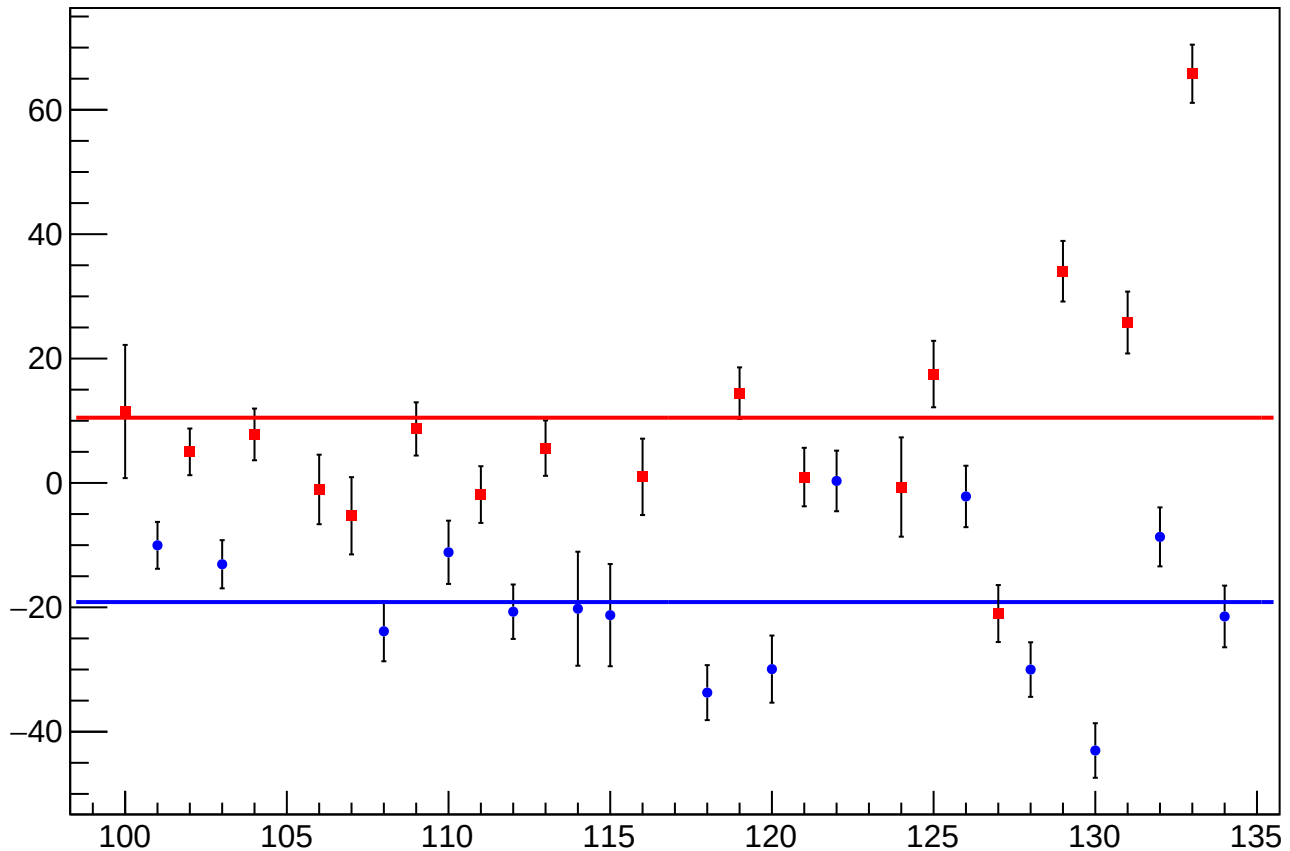
Right: 1825.265+/-0.358 χ^2/NDF : 175420.9/31

In: 1841.228+/-0.519 χ^2/NDF : 84205.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.265+/-0.358 χ^2/NDF : 175420.9/31

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.154 ± 1.235 $\chi^2/\text{NDF}: 95.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.491 ± 1.191 $\chi^2/\text{NDF}: 252.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

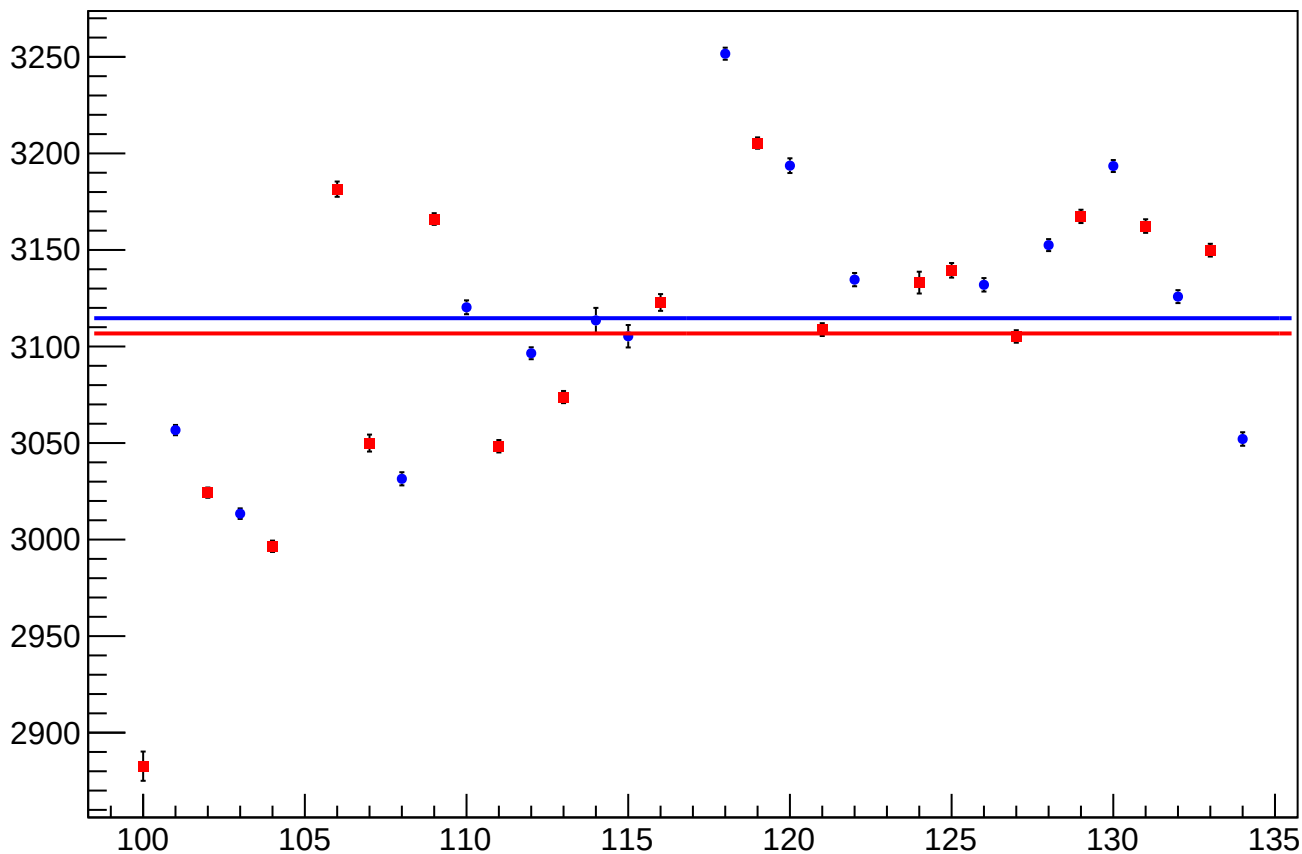
Right: -3.791 ± 0.857 $\chi^2/\text{NDF}: 646.7/31$

In: -19.154 ± 1.235 $\chi^2/\text{NDF}: 95.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.791 ± 0.857 $\chi^2/\text{NDF}: 646.7/31$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3114.659+/-0.874 χ^2/NDF : 6004.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3106.758+/-0.842 χ^2/NDF : 6562.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

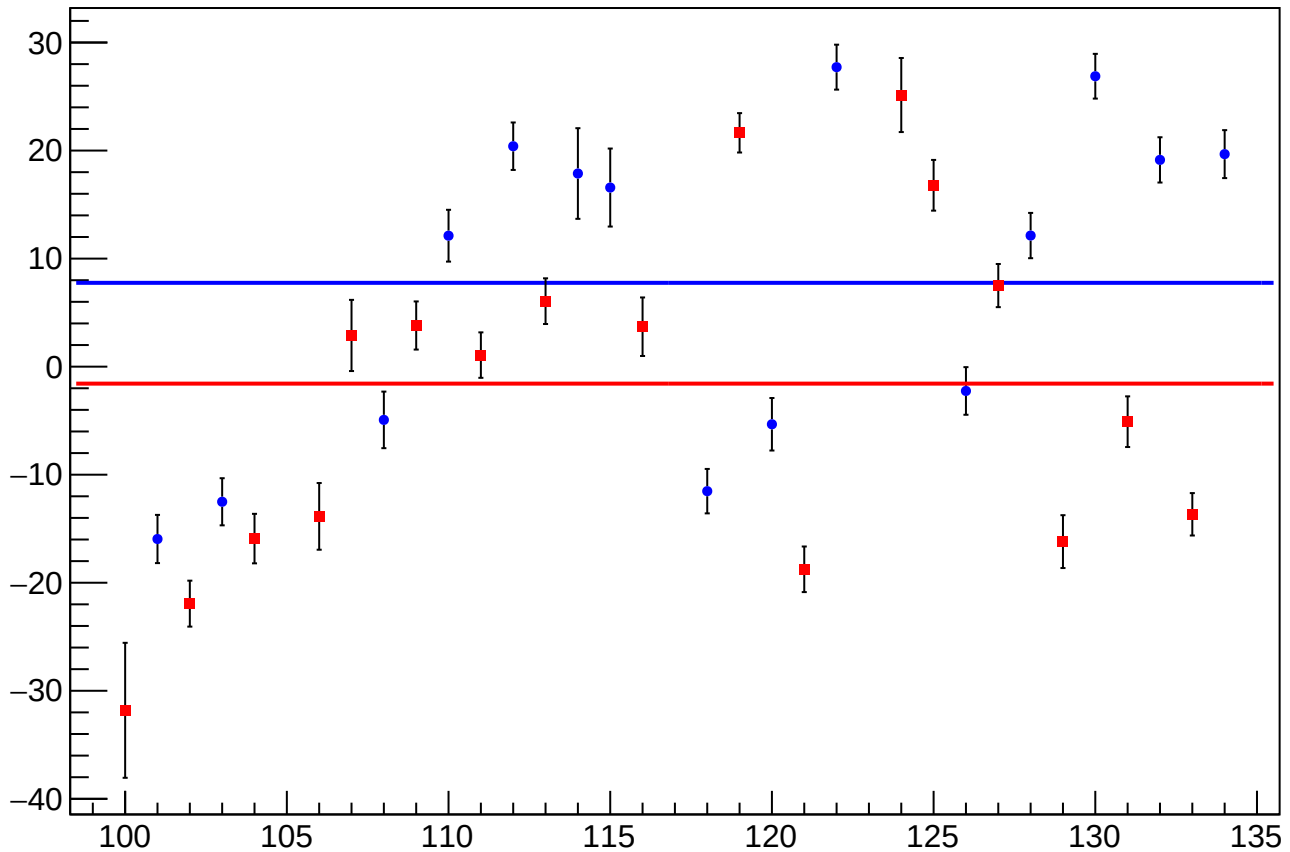
Right: 3110.564+/-0.606 χ^2/NDF : 12608.6/31

In: 3114.659+/-0.874 χ^2/NDF :6004.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3110.564+/-0.606 χ^2/NDF : 12608.6/31

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 7.758+/-0.597 χ^2/NDF : 648.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.571+/-0.570 χ^2/NDF : 643.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

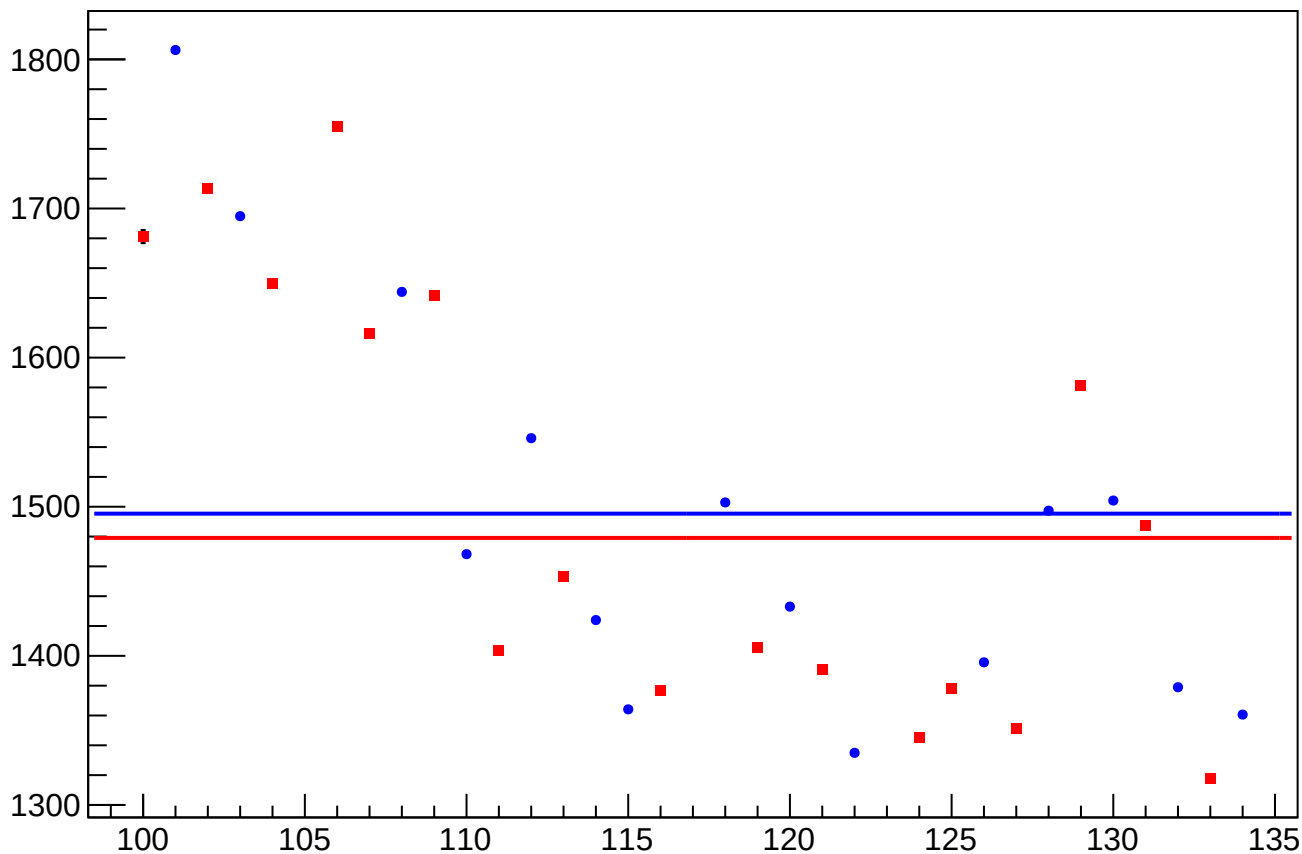
Right: 2.882+/-0.412 χ^2/NDF : 1419.4/31

In: 7.758+/-0.597 χ^2/NDF : 648.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.882+/-0.412 χ^2/NDF : 1419.4/31

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1495.359+/-0.422 χ^2/NDF : 97471.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.084+/-0.403 χ^2/NDF : 112083.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

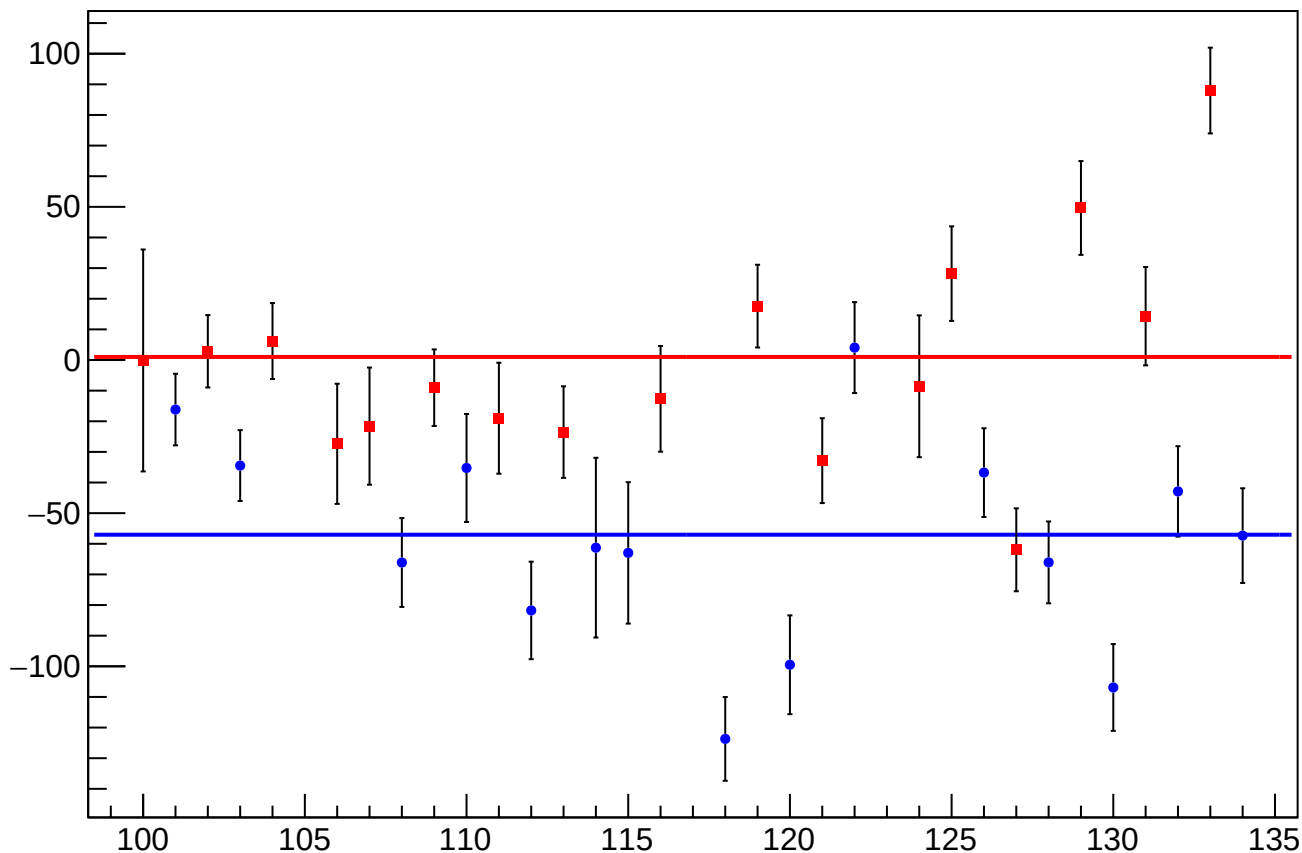
Right: 1486.852+/-0.292 χ^2/NDF : 210331.9/31

In: 1495.359+/-0.422 χ^2/NDF : 97471.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1486.852+/-0.292 χ^2/NDF : 210331.9/31

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -57.038+/-3.846 χ^2/NDF : 83.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.002+/-3.714 χ^2/NDF : 90.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

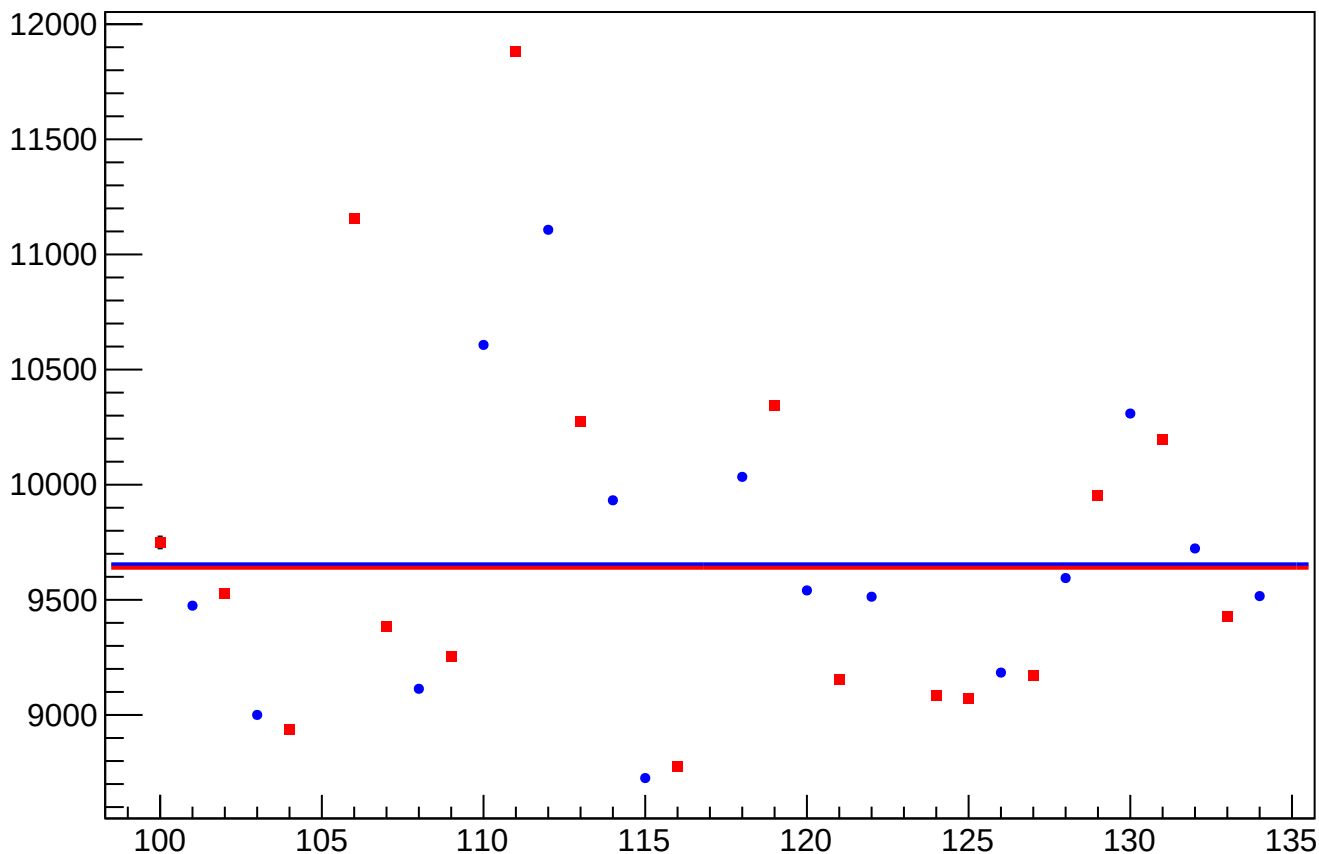
Right: -27.007+/-2.672 χ^2/NDF : 292.3/31

In: -57.038+/-3.846 χ^2/NDF :83.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.007+/-2.672 χ^2/NDF : 292.3/31

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9654.181+/-2.719 χ^2/NDF : 43998.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9639.470+/-2.626 χ^2/NDF : 78016.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

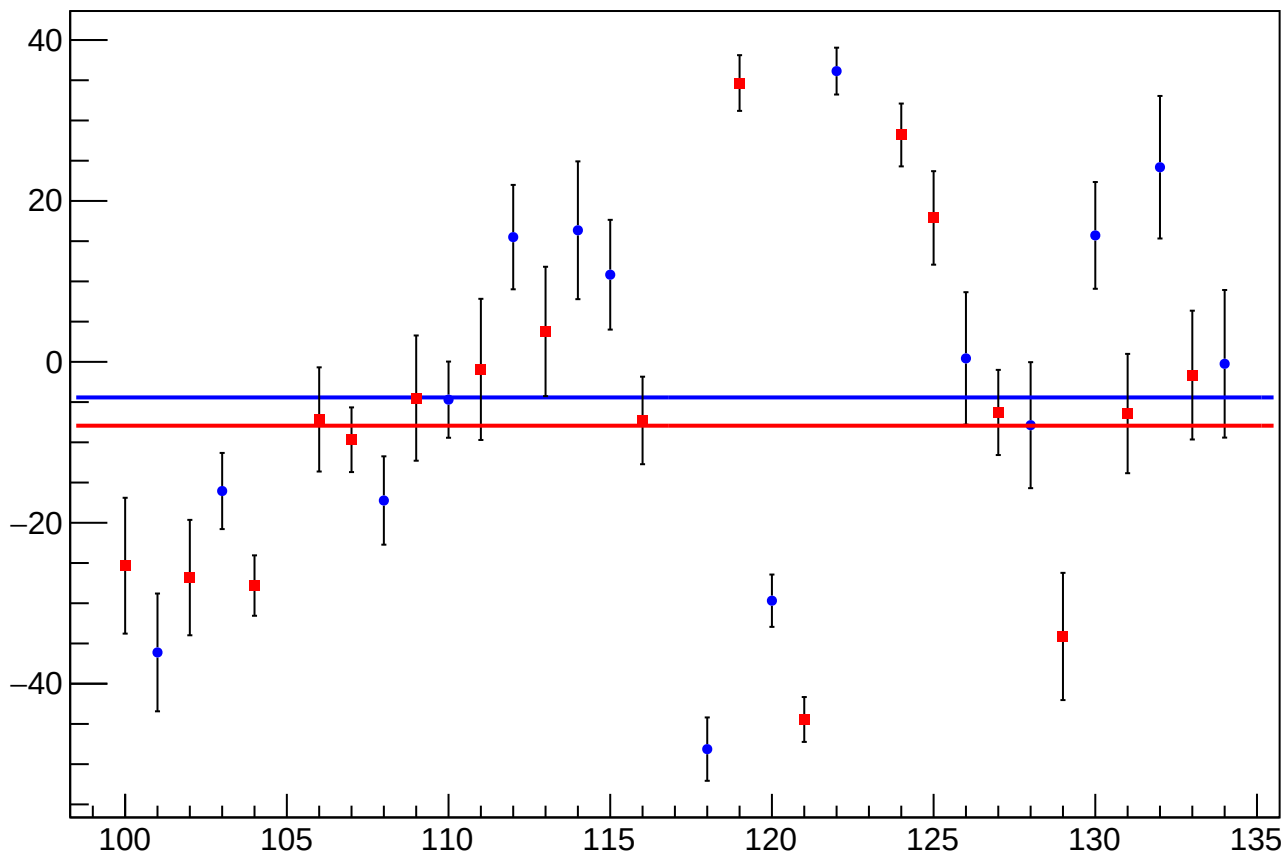
Right: 9646.569+/-1.889 χ^2/NDF : 122029.6/31

In: 9654.181+/-2.719 χ^2/NDF : 43998.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9646.569+/-1.889 χ^2/NDF : 122029.6/31

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.420+/-1.342 χ^2/NDF : 448.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.933+/-1.229 χ^2/NDF : 482.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

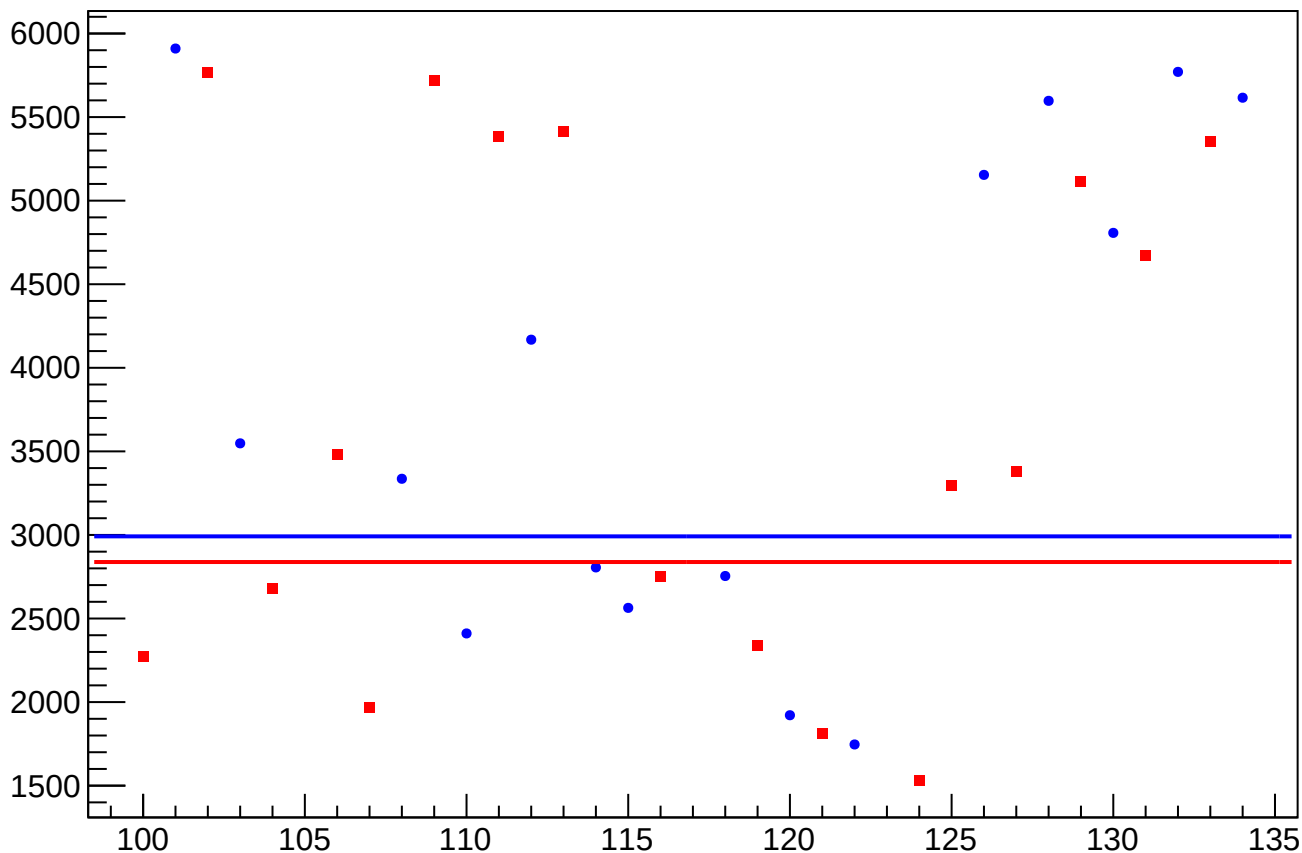
Right: -6.330+/-0.906 χ^2/NDF : 934.6/31

In: -4.420+/-1.342 χ^2/NDF :448.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.330+/-0.906 χ^2/NDF : 934.6/31

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2991.517 $\pm$ 0.949 χ^2 /NDF: 1917962.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2837.993 $\pm$ 0.869 χ^2 /NDF: 2161952.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

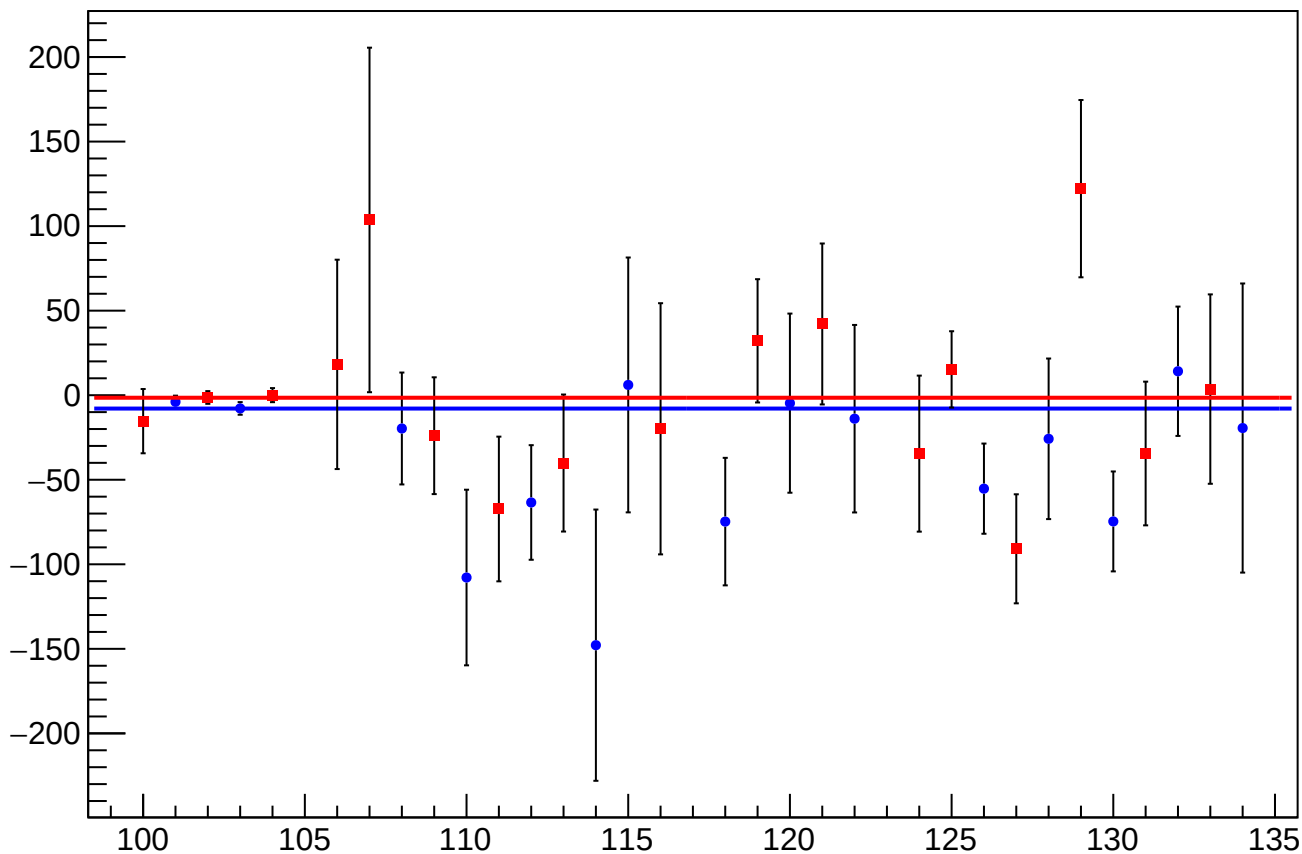
Right: 2908.055 $\pm$ 0.641 χ^2 /NDF: 4094149.3/31

In: 2991.517 $\pm$ 0.949 χ^2 /NDF: 1917962.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2908.055 $\pm$ 0.641 χ^2 /NDF: 4094149.3/31

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.898 ± 2.549 $\chi^2/\text{NDF}: 22.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.496 ± 2.673 $\chi^2/\text{NDF}: 22.2/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

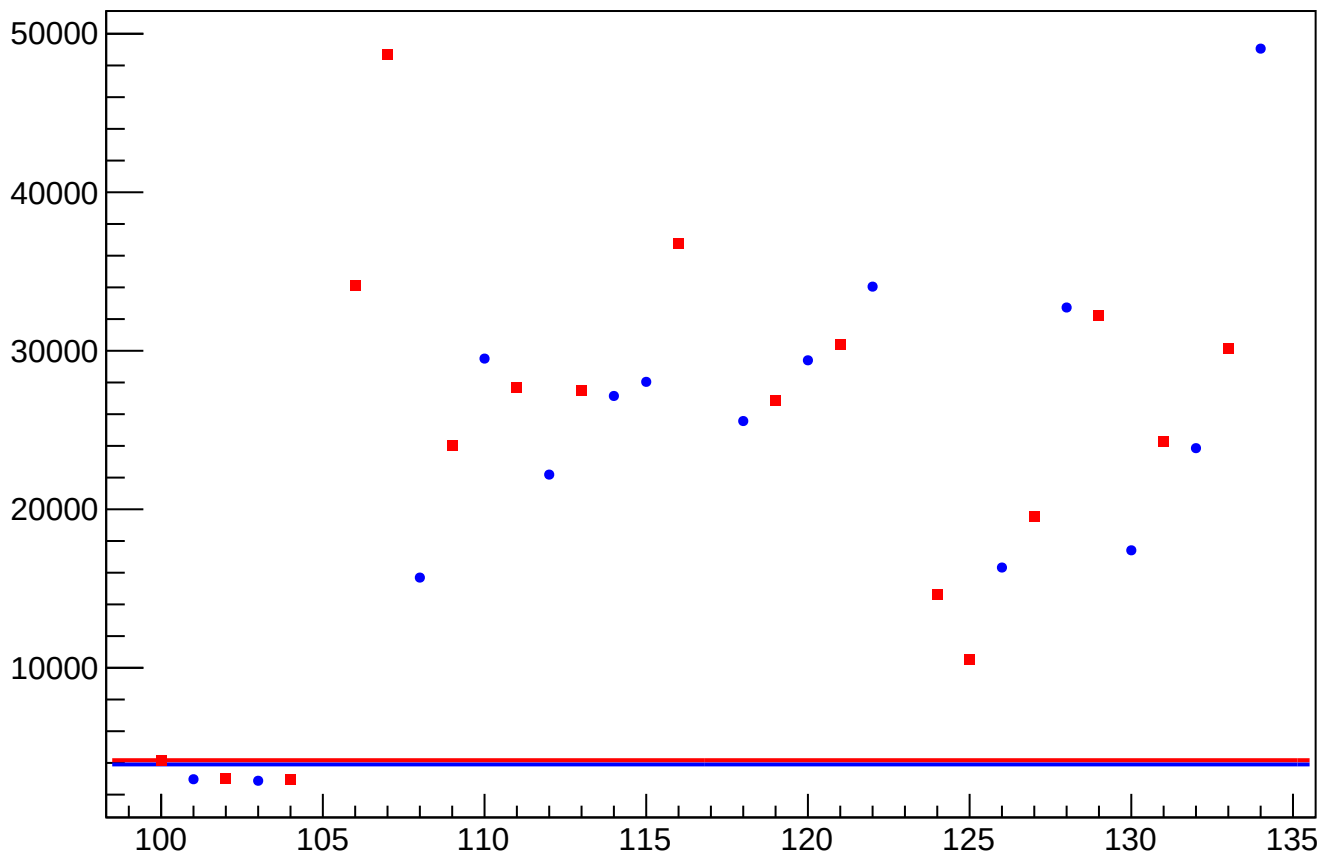
Right: -4.848 ± 1.845 $\chi^2/\text{NDF}: 47.9/31$

In: -7.898 ± 2.549 $\chi^2/\text{NDF}: 22.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.848 ± 1.845 $\chi^2/\text{NDF}: 47.9/31$

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3906.475+/-1.803 χ^2/NDF : 6383058.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4170.974+/-1.890 χ^2/NDF : 7076385.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

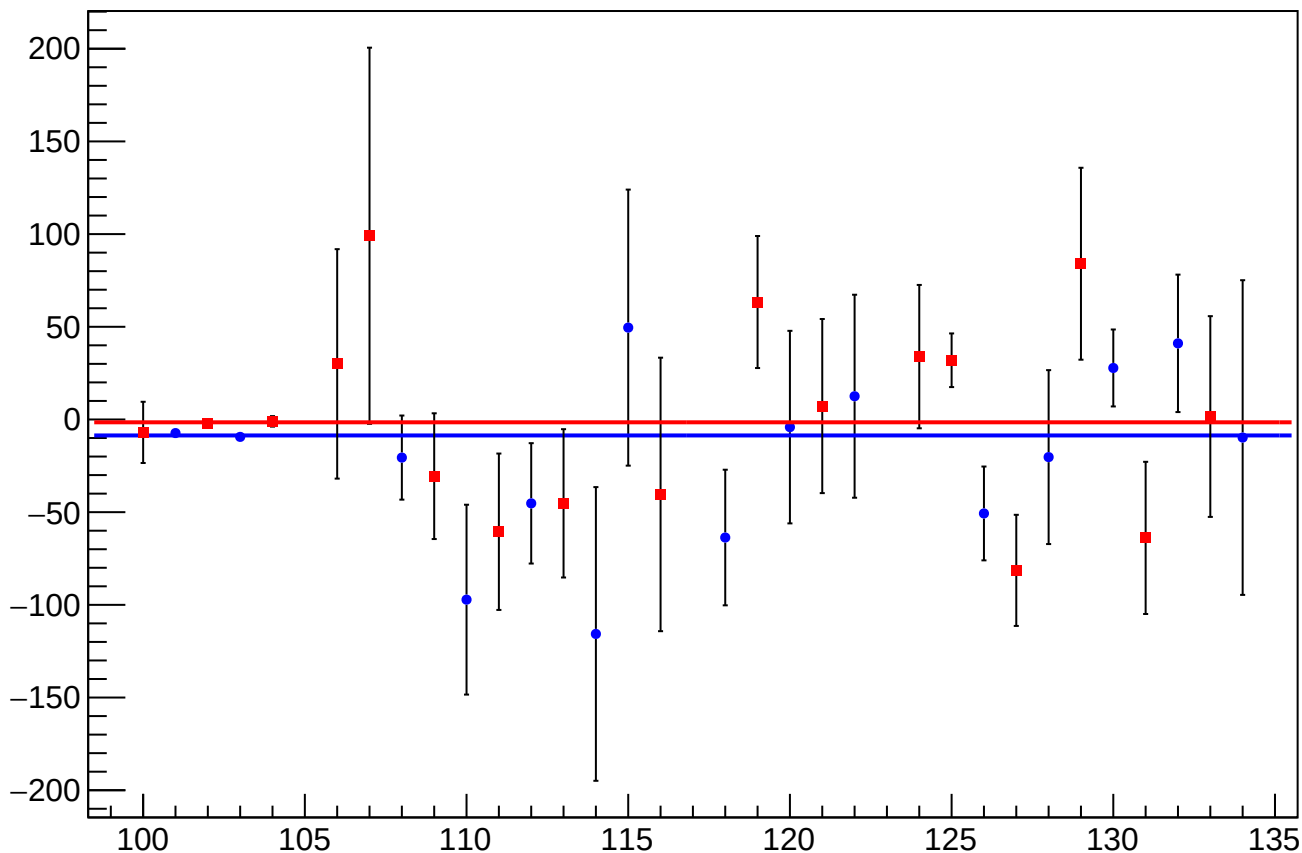
Right: 4032.479+/-1.304 χ^2/NDF : 13469700.3/31

In: 3906.475+/-1.803 χ^2/NDF : 6383058.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4032.479+/-1.304 χ^2/NDF : 13469700.3/31

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.614 ± 1.761 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.526 ± 1.852 χ^2/NDF : 27.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

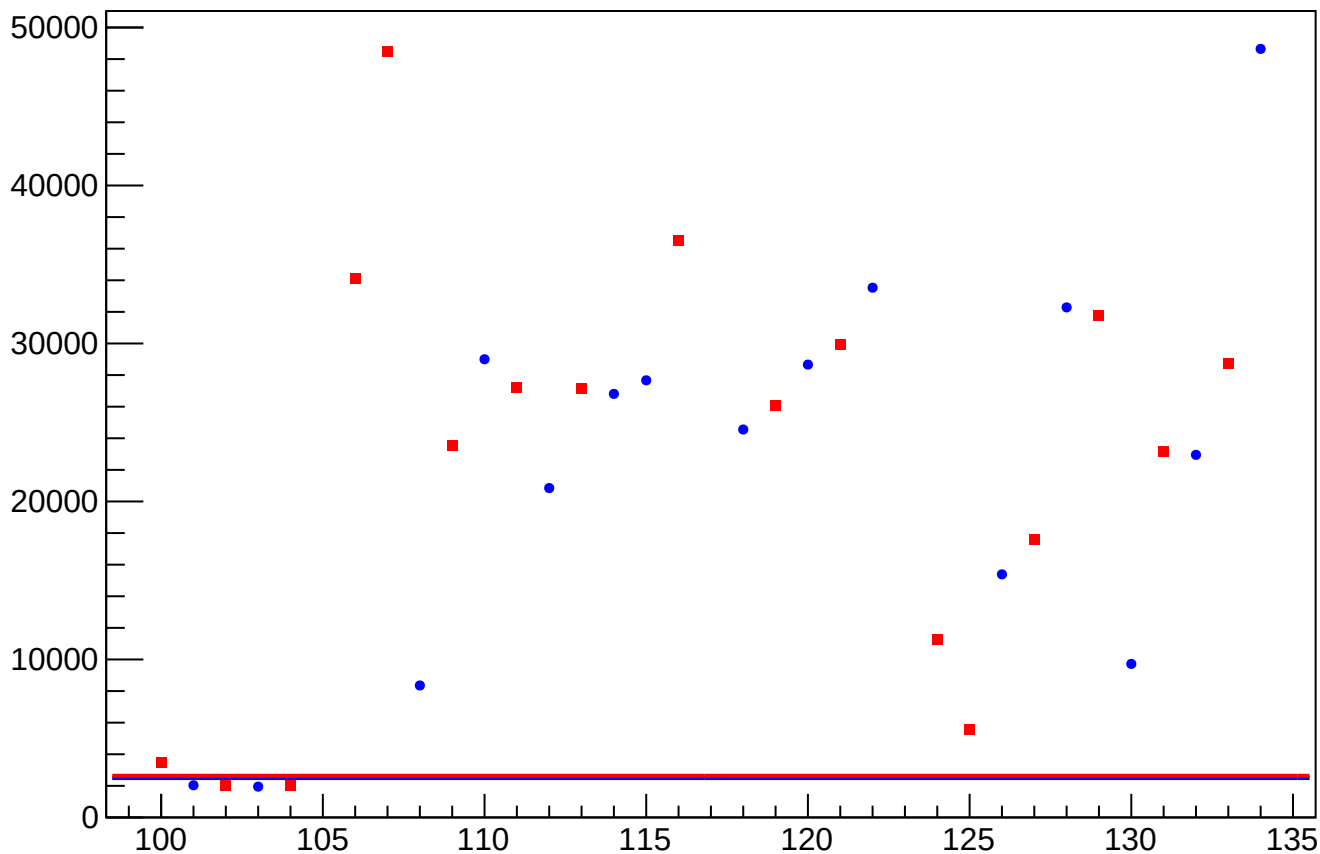
Right: -5.249 ± 1.276 χ^2/NDF : 52.5/31

In: -8.614 ± 1.761 χ^2/NDF : 17.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.249 ± 1.276 χ^2/NDF : 52.5/31

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2493.288+/-1.245 χ^2/NDF : 6528539.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2638.594+/-1.310 χ^2/NDF : 7572592.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

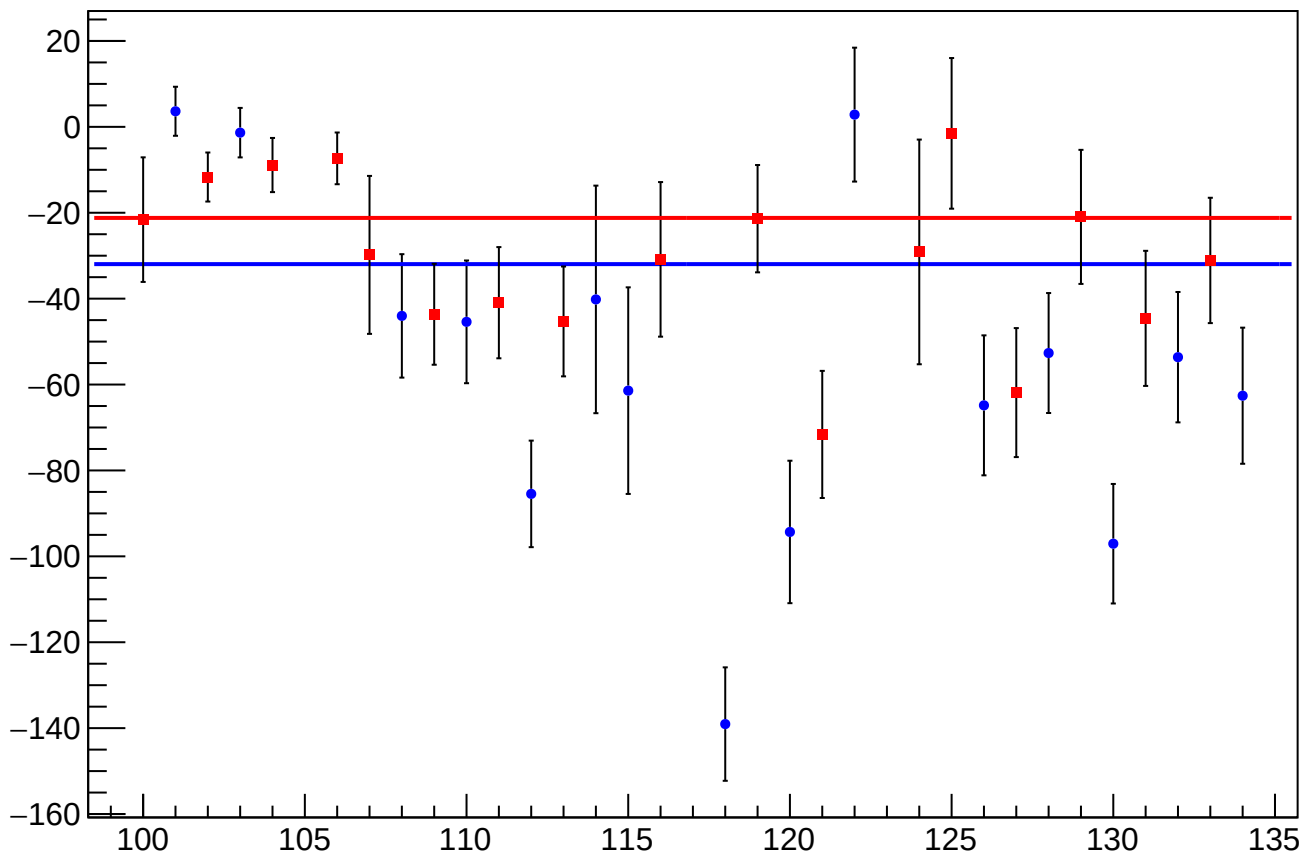
Right: 2562.271+/-0.902 χ^2/NDF : 14107598.5/31

In: 2493.288+/-1.245 χ^2/NDF : 6528539.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2562.271+/-0.902 χ^2/NDF : 14107598.5/31

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -31.961 ± 2.935 χ^2/NDF : 207.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.203 ± 2.613 χ^2/NDF : 44.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

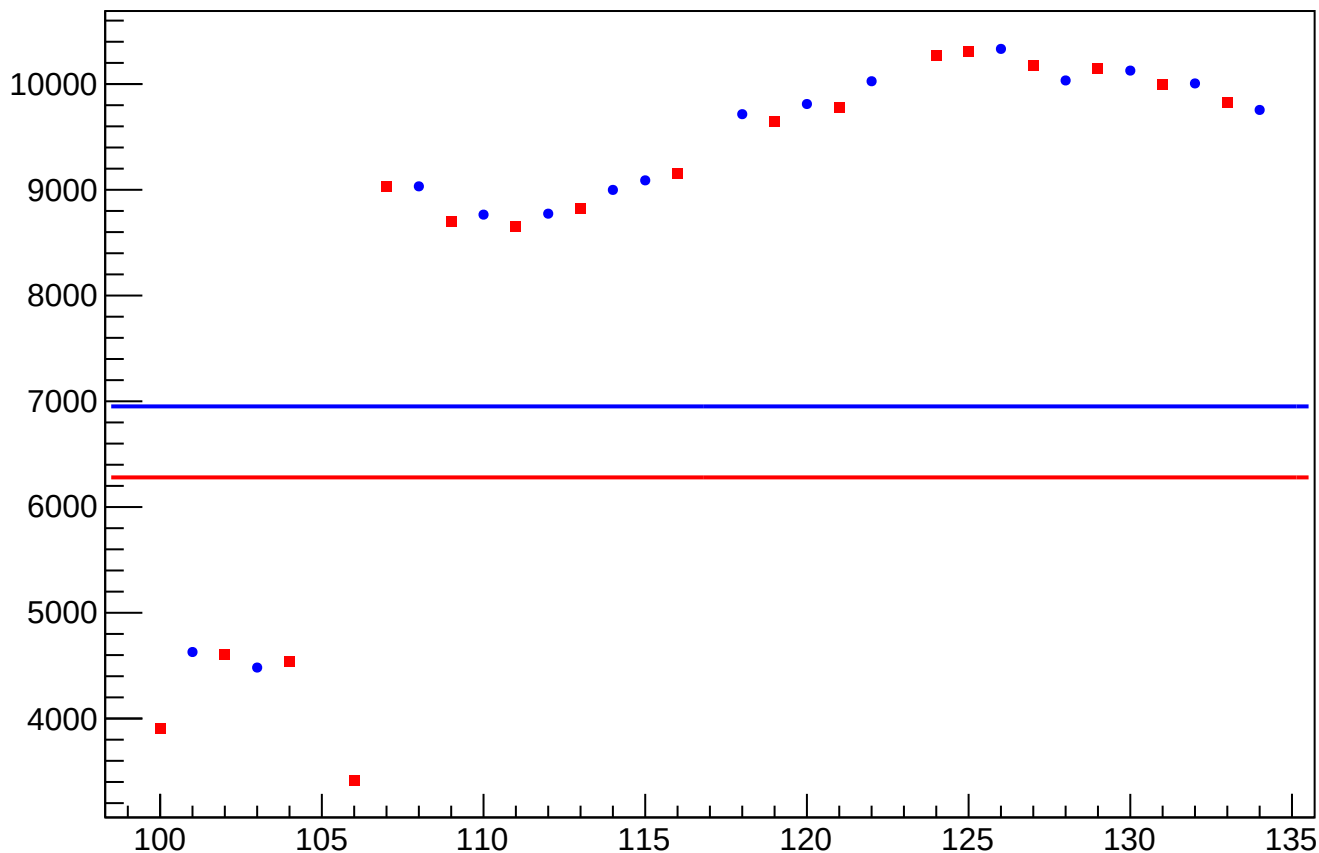
Right: -25.959 ± 1.952 χ^2/NDF : 260.1/31

In: -31.961 ± 2.935 χ^2/NDF : 207.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.959 ± 1.952 χ^2/NDF : 260.1/31

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6951.689+/-2.075 χ^2/NDF : 1499779.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6280.318+/-1.848 χ^2/NDF : 2052898.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

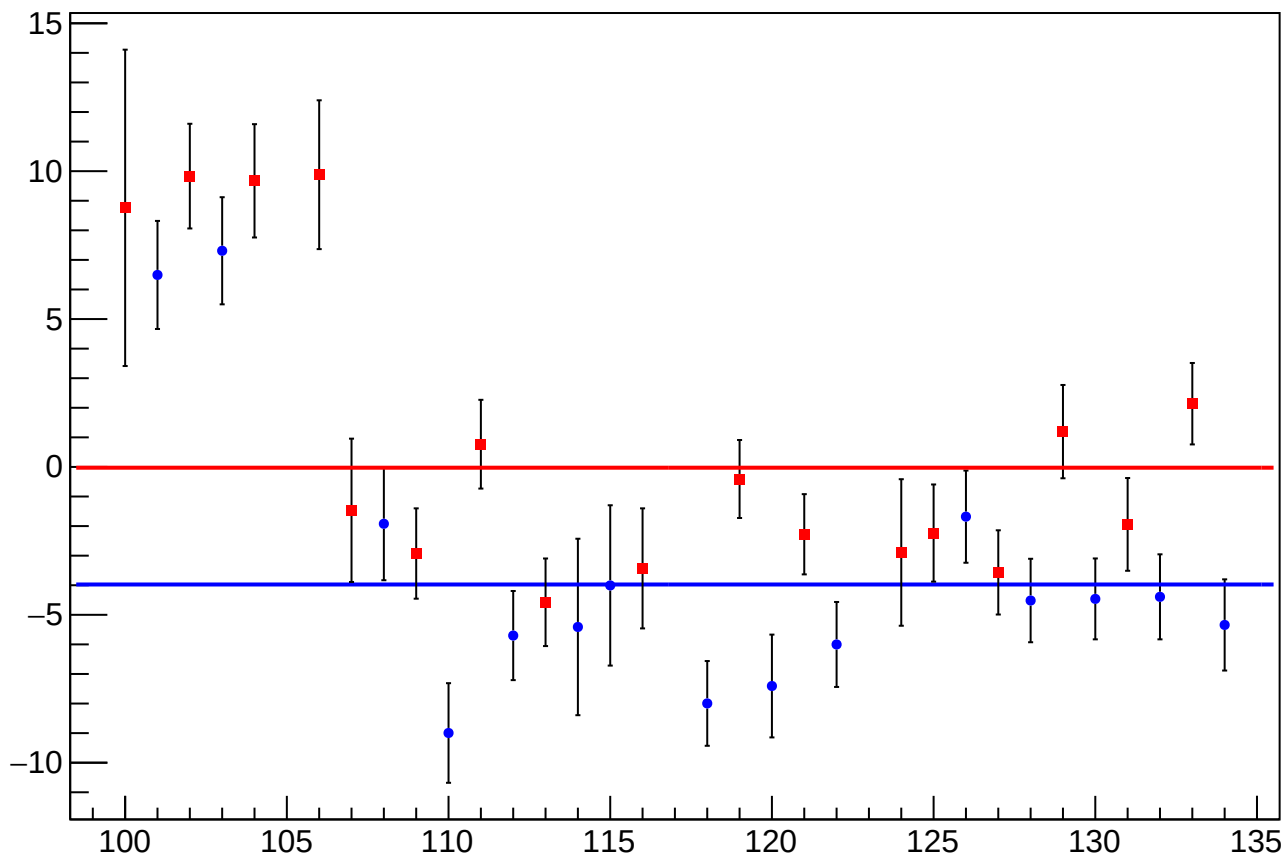
Right: 6577.122+/-1.380 χ^2/NDF : 3611055.5/31

In: 6951.689+/-2.075 χ^2/NDF : 1499779.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6577.122+/-1.380 χ^2/NDF : 3611055.5/31

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.975 ± 0.423 χ^2/NDF : 100.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.026 ± 0.408 χ^2/NDF : 108.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

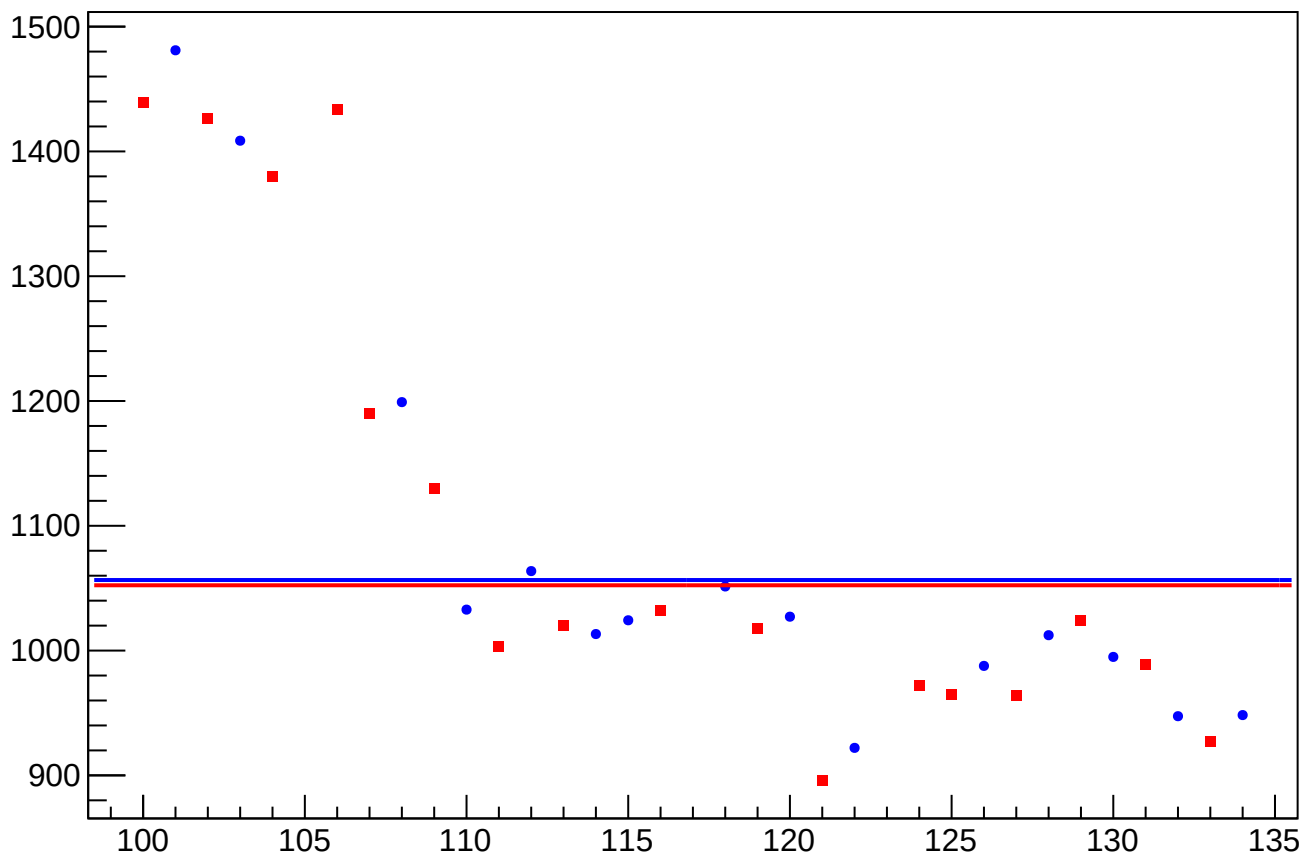
Right: -1.927 ± 0.294 χ^2/NDF : 253.5/31

In: -3.975 ± 0.423 χ^2/NDF : 100.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.927 ± 0.294 χ^2/NDF : 253.5/31

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1056.538+/-0.299 χ^2/NDF : 245281.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1052.331+/-0.288 χ^2/NDF : 283288.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

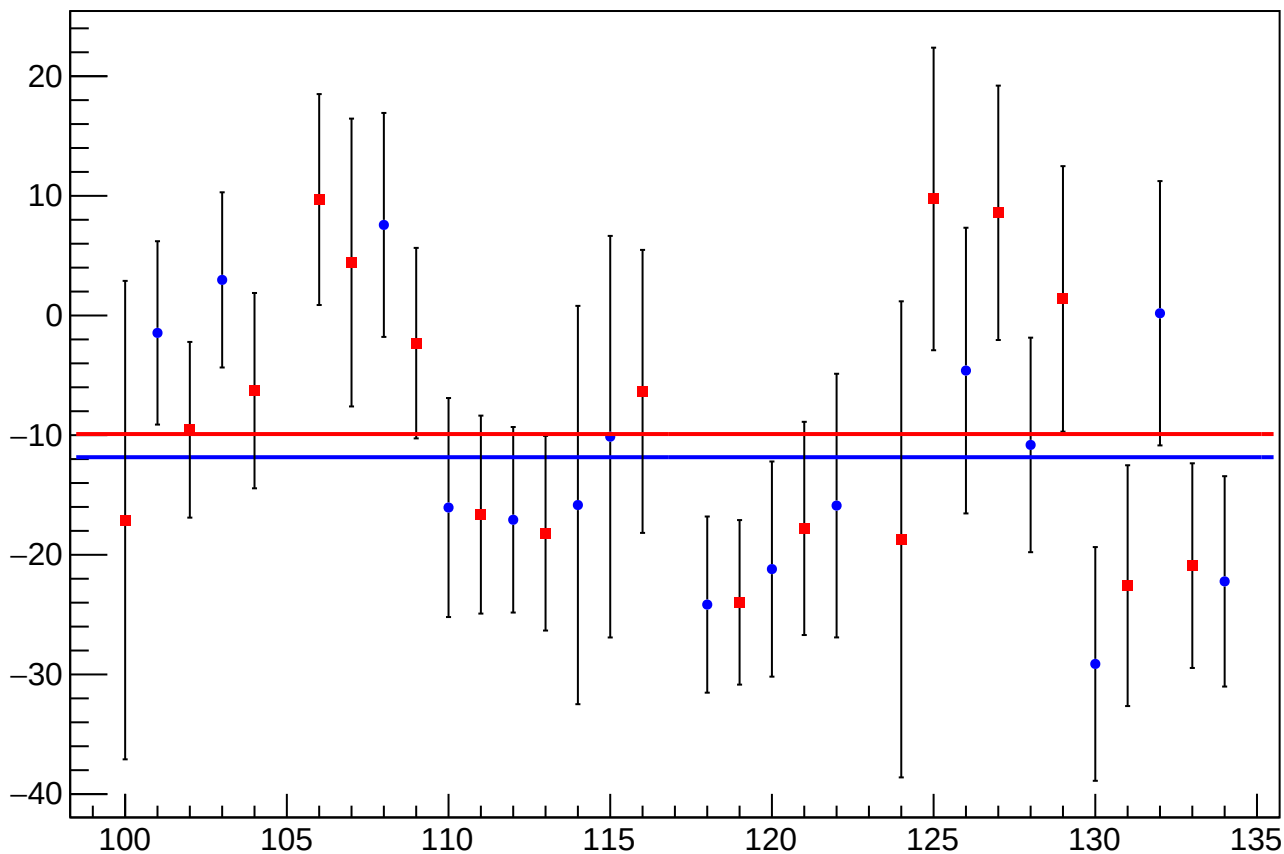
Right: 1054.356+/-0.208 χ^2/NDF : 528672.4/31

In: 1056.538+/-0.299 χ^2/NDF : 245281.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.356+/-0.208 χ^2/NDF : 528672.4/31

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.843 ± 2.404 χ^2/NDF : 21.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.908 ± 2.285 χ^2/NDF : 24.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

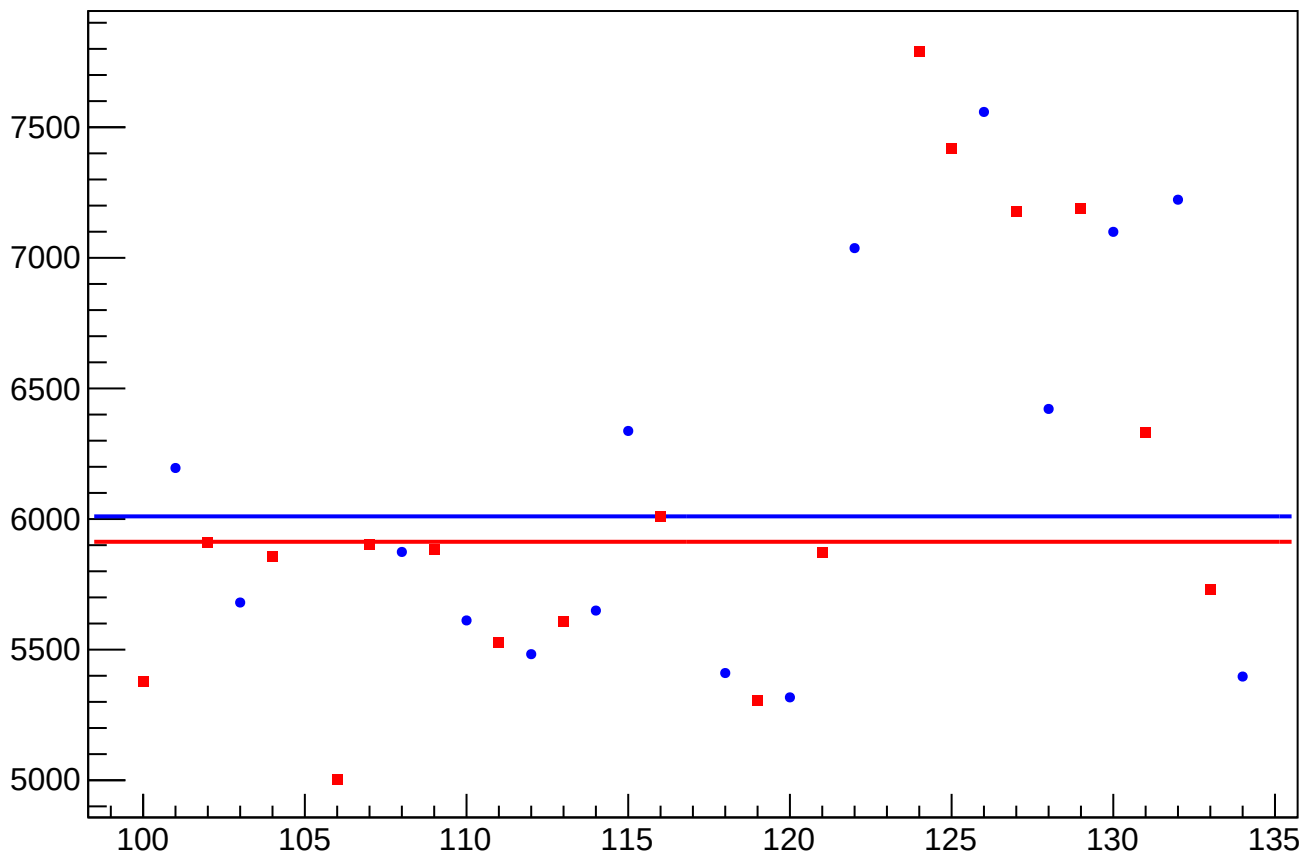
Right: -10.826 ± 1.656 χ^2/NDF : 45.7/31

In: -11.843 ± 2.404 χ^2/NDF : 21.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.826 ± 1.656 χ^2/NDF : 45.7/31

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6010.246+/-1.700 χ^2/NDF : 159485.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5912.938+/-1.616 χ^2/NDF : 150980.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

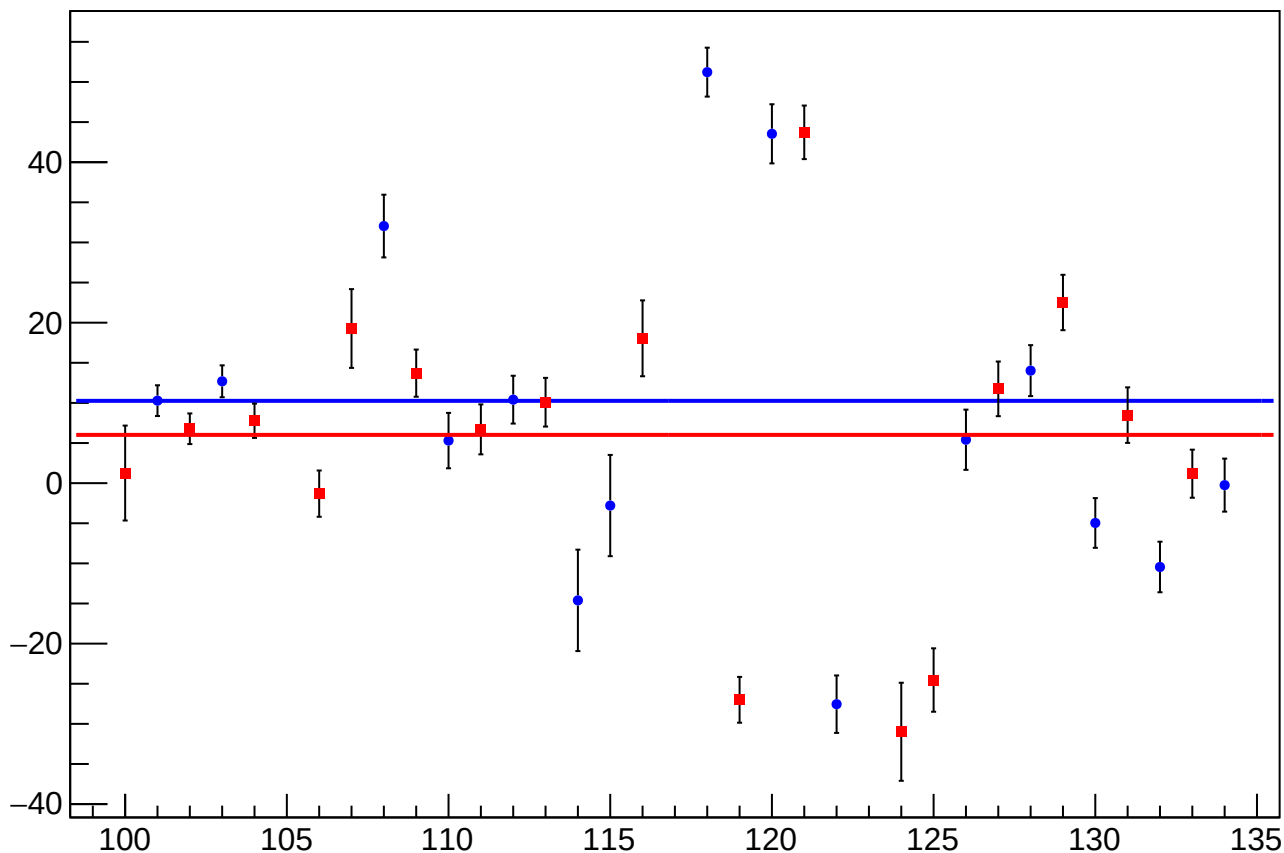
Right: 5959.113+/-1.171 χ^2/NDF : 312187.2/31

In: 6010.246+/-1.700 χ^2/NDF : 159485.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5959.113+/-1.171 χ^2/NDF : 312187.2/31

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 10.259+/-0.800 χ^2/NDF : 508.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.016+/-0.762 χ^2/NDF : 417.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

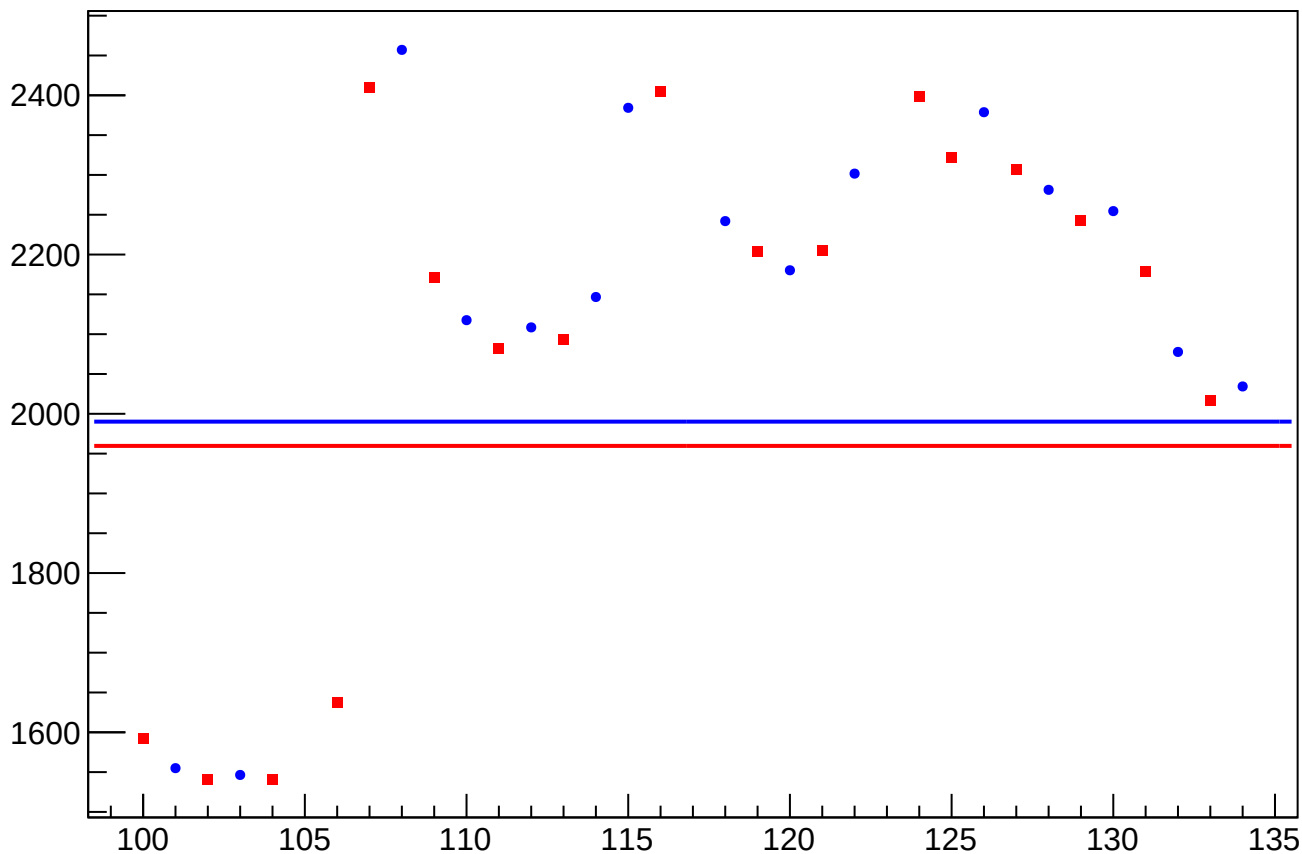
Right: 8.034+/-0.552 χ^2/NDF : 940.2/31

In: 10.259+/-0.800 χ^2/NDF : 508.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.034+/-0.552 χ^2/NDF : 940.2/31

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1990.162+/-0.566 χ^2/NDF : 334971.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1959.683+/-0.539 χ^2/NDF : 353035.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

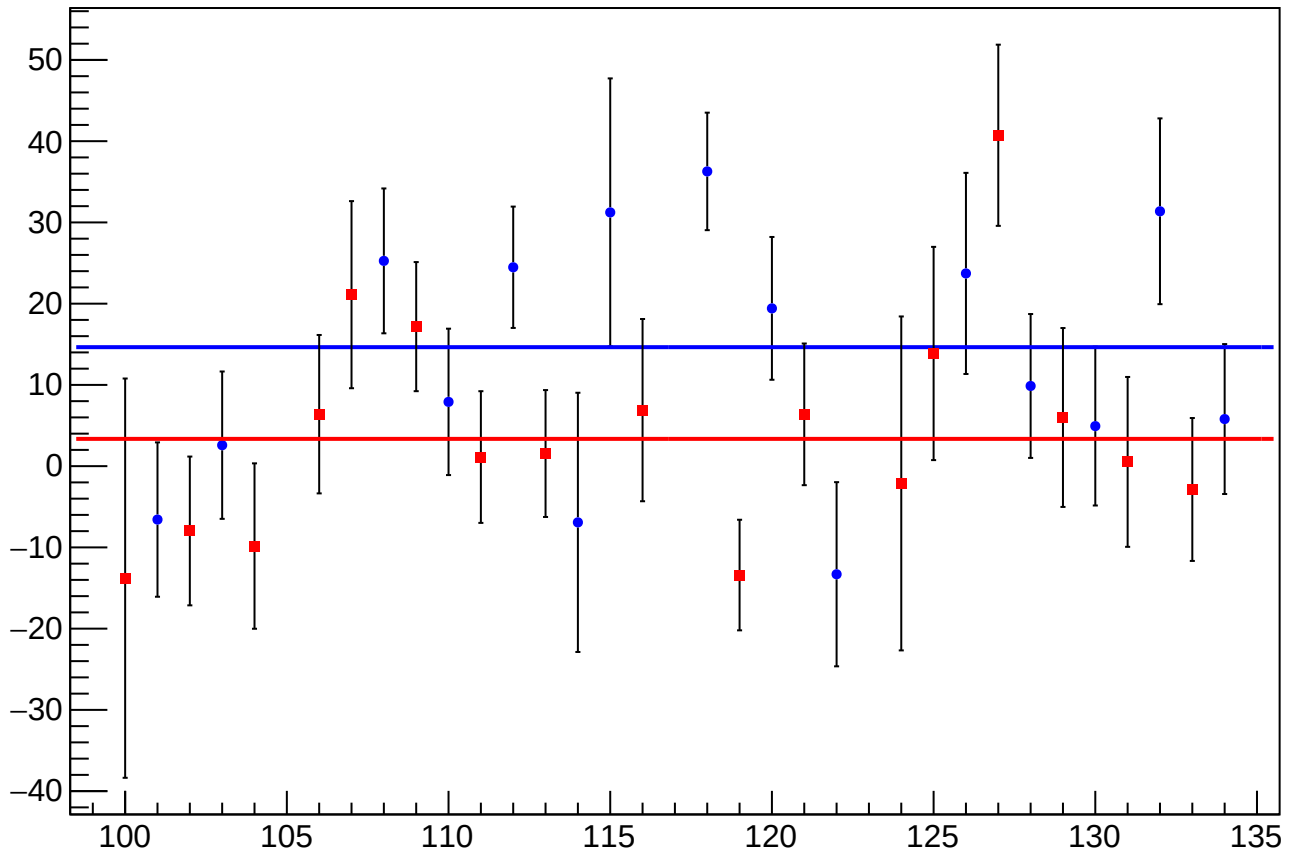
Right: 1974.180+/-0.390 χ^2/NDF : 689530.4/31

In: 1990.162+/-0.566 χ^2/NDF : 334971.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.180+/-0.390 χ^2/NDF : 689530.4/31

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.646 $\pm$ 2.479 χ^2 /NDF: 33.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.358 $\pm$ 2.370 χ^2 /NDF: 28.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

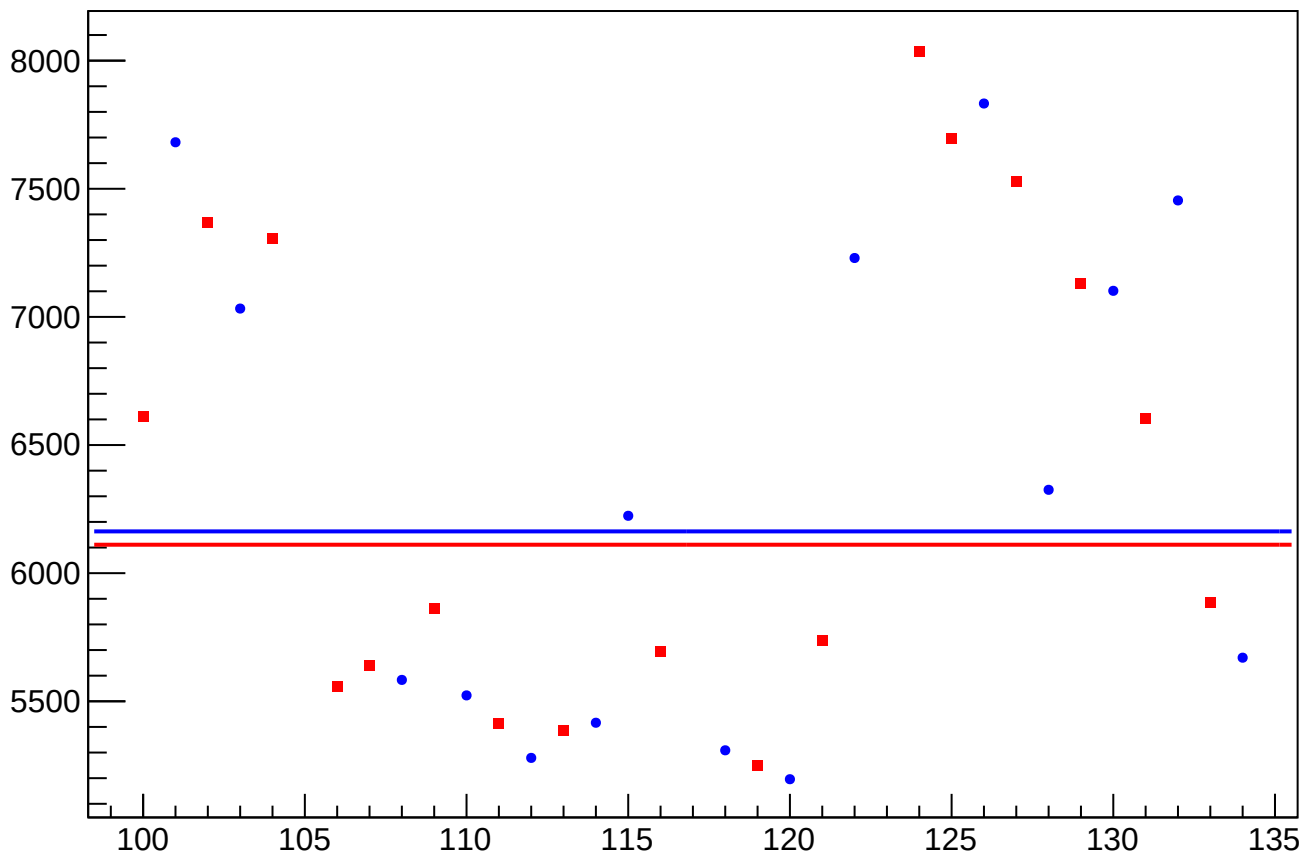
Right: 8.748 $\pm$ 1.713 χ^2 /NDF: 72.5/31

In: 14.646 $\pm$ 2.479 χ^2 /NDF:33.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.748 $\pm$ 1.713 χ^2 /NDF: 72.5/31

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6163.020+/-1.753 χ^2/NDF : 277040.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6111.009+/-1.676 χ^2/NDF : 250284.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

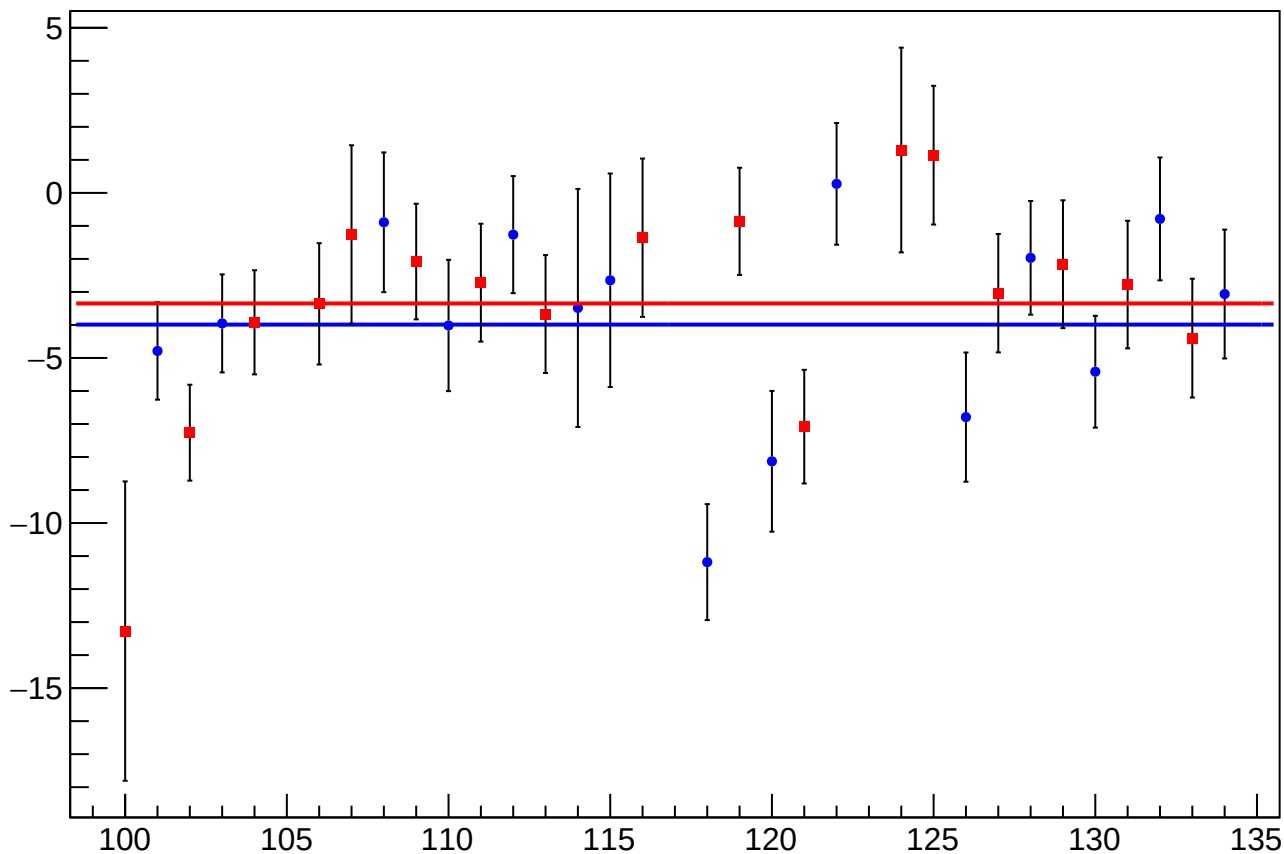
Right: 6135.846+/-1.211 χ^2/NDF : 527784.4/31

In: 6163.020+/-1.753 χ^2/NDF : 277040.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6135.846+/-1.211 χ^2/NDF : 527784.4/31

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.989 ± 0.487 χ^2/NDF : 38.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.349 ± 0.462 χ^2/NDF : 28.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

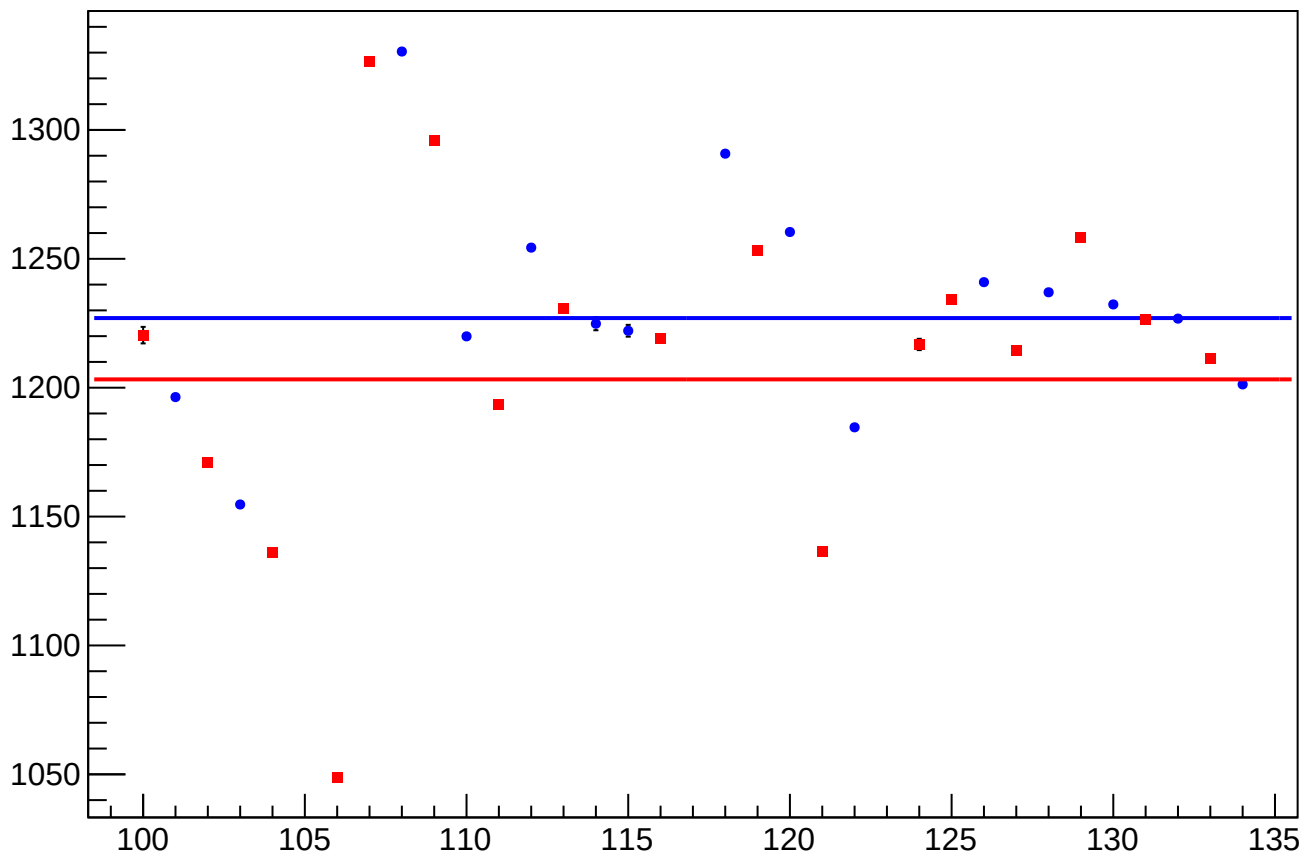
Right: -3.652 ± 0.335 χ^2/NDF : 68.0/31

In: -3.989 ± 0.487 χ^2/NDF : 38.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.652 ± 0.335 χ^2/NDF : 68.0/31

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1227.015 $\pm$ 0.344 χ^2 /NDF: 15617.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1203.229 $\pm$ 0.327 χ^2 /NDF: 36577.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

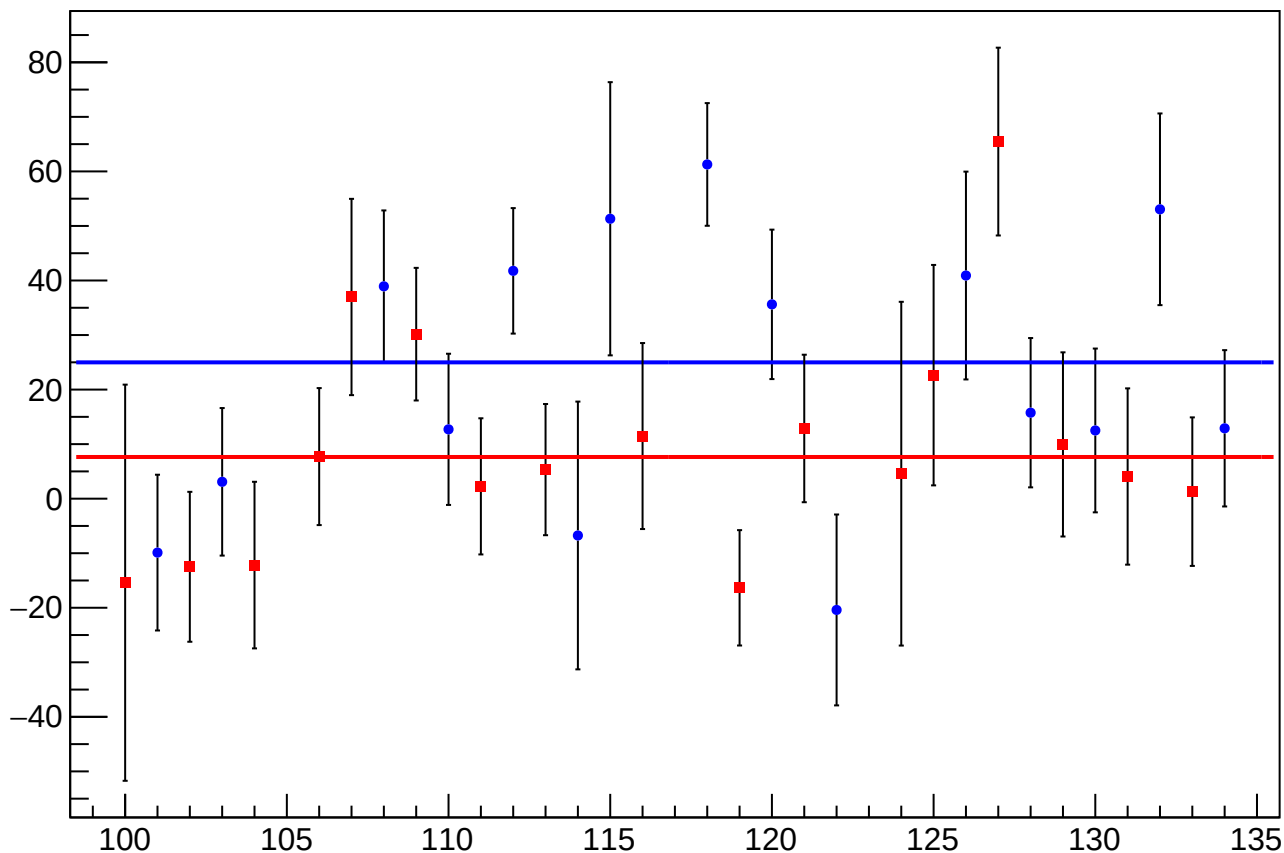
Right: 1214.493 $\pm$ 0.237 χ^2 /NDF: 54706.9/31

In: 1227.015 $\pm$ 0.344 χ^2 /NDF:15617.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1214.493 $\pm$ 0.237 χ^2 /NDF: 54706.9/31

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.991 $\pm$ 3.816 χ^2 /NDF: 38.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.642 $\pm$ 3.597 χ^2 /NDF: 28.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

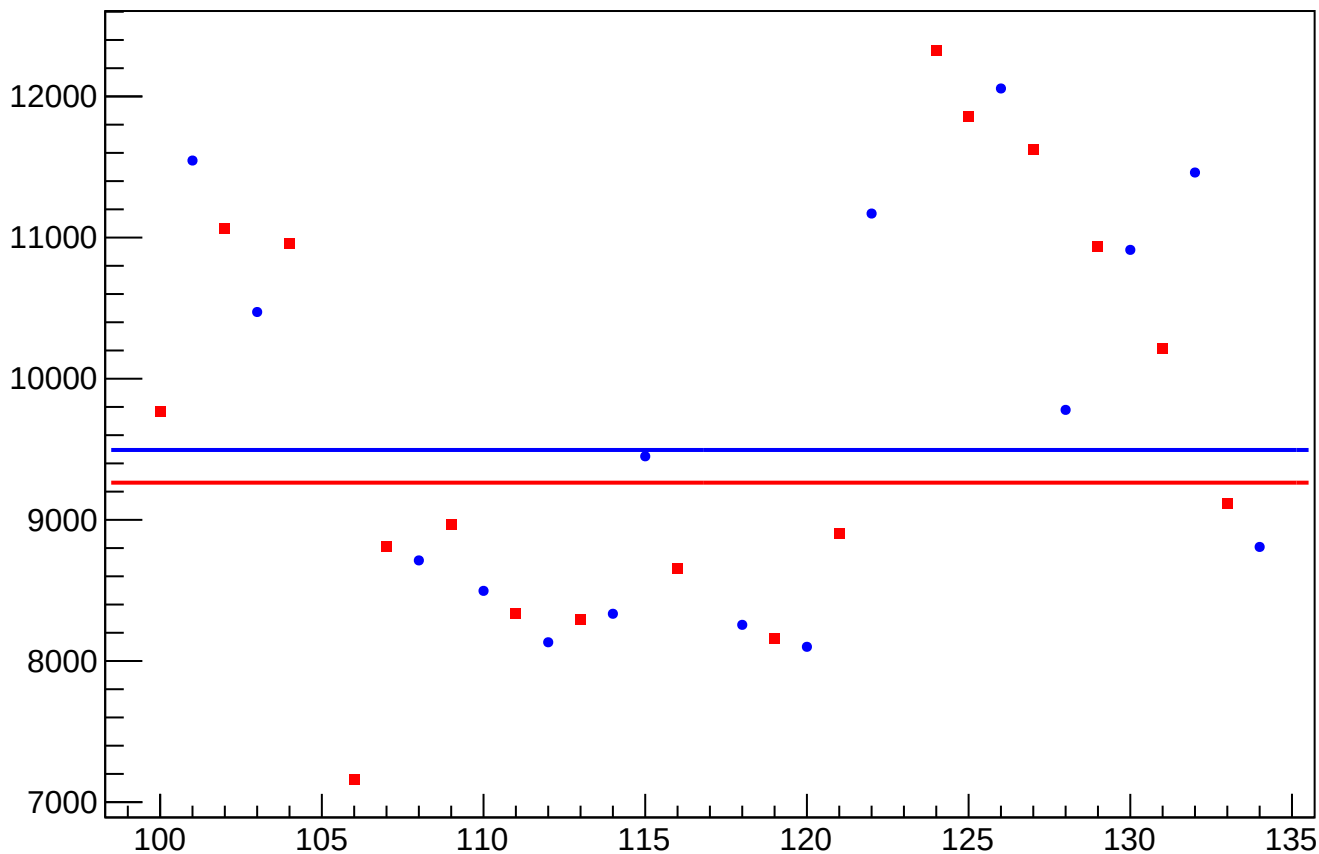
Right: 15.806 $\pm$ 2.617 χ^2 /NDF: 77.1/31

In: 24.991 $\pm$ 3.816 χ^2 /NDF:38.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.806 $\pm$ 2.617 χ^2 /NDF: 77.1/31

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9495.124+/-2.698 χ^2/NDF : 248721.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9263.502+/-2.544 χ^2/NDF : 283890.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

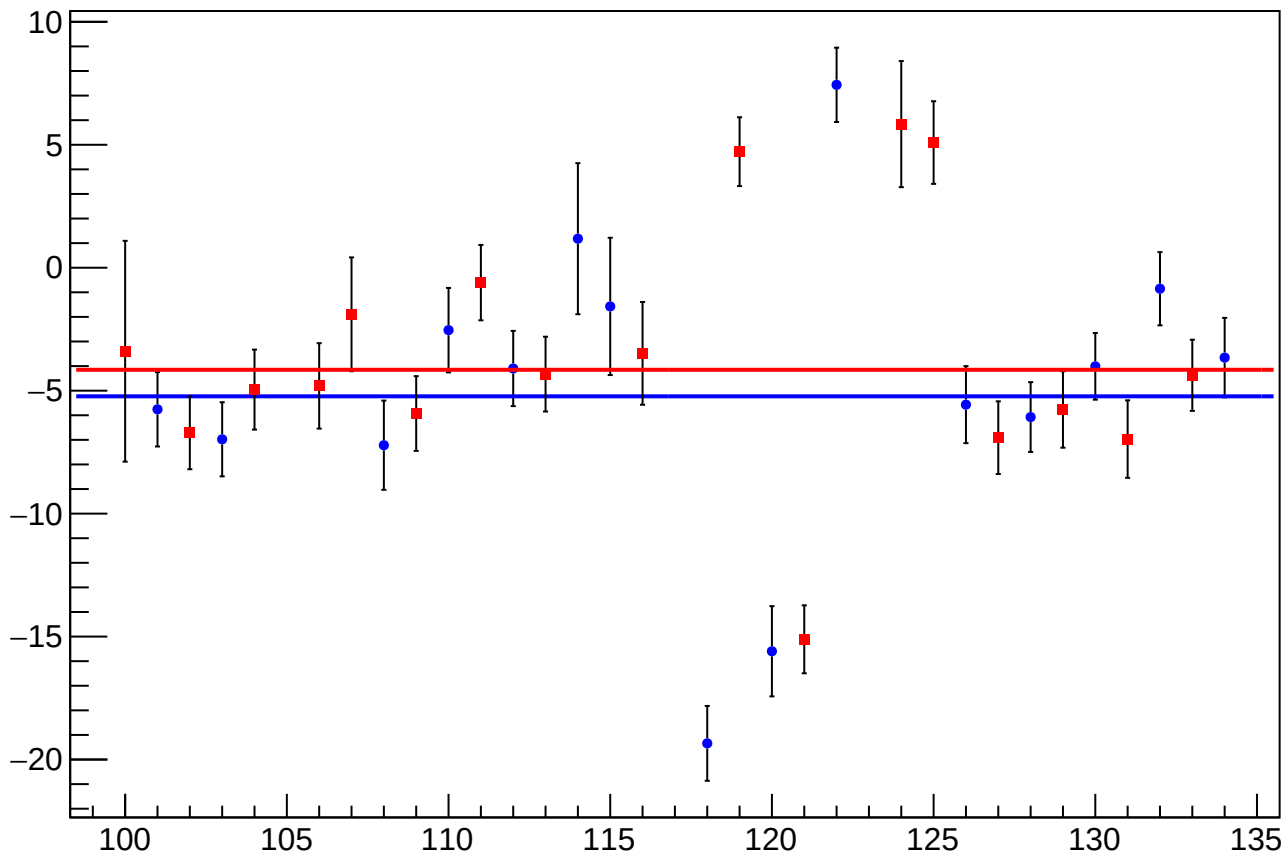
Right: 9372.498+/-1.851 χ^2/NDF : 536513.3/31

In: 9495.124+/-2.698 χ^2/NDF : 248721.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9372.498+/-1.851 χ^2/NDF : 536513.3/31

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.230+/-0.421 χ^2/NDF : 210.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.150+/-0.401 χ^2/NDF : 167.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

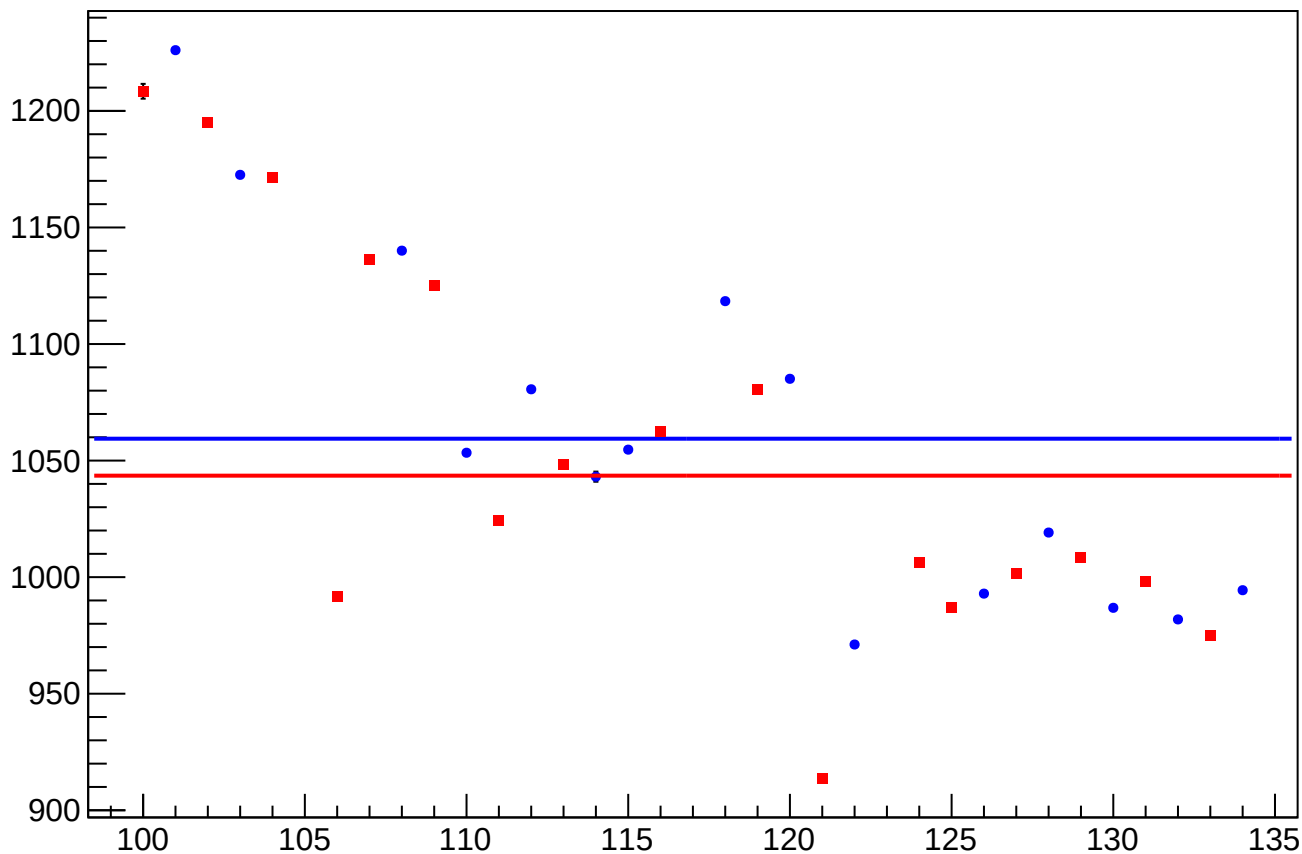
Right: -4.663+/-0.291 χ^2/NDF : 381.5/31

In: -5.230+/-0.421 χ^2/NDF : 210.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.663+/-0.291 χ^2/NDF : 381.5/31

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1059.391 $\pm$ 0.298 χ^2 /NDF: 69824.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1043.534 $\pm$ 0.284 χ^2 /NDF: 77745.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

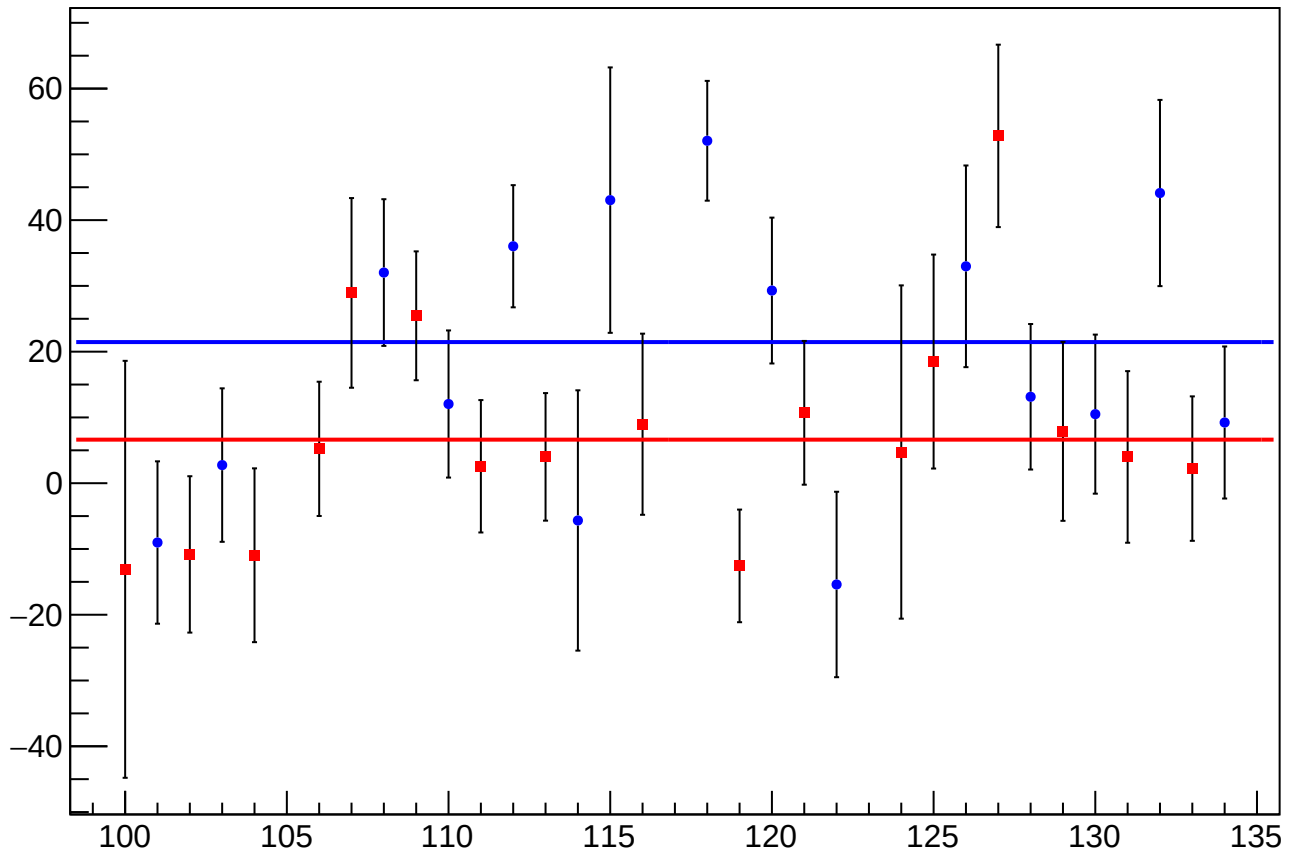
Right: 1051.074 $\pm$ 0.205 χ^2 /NDF: 149055.6/31

In: 1059.391 $\pm$ 0.298 χ^2 /NDF:69824.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1051.074 $\pm$ 0.205 χ^2 /NDF: 149055.6/31

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.458+/-3.108 χ^2/NDF : 40.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.622+/-2.930 χ^2/NDF : 27.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

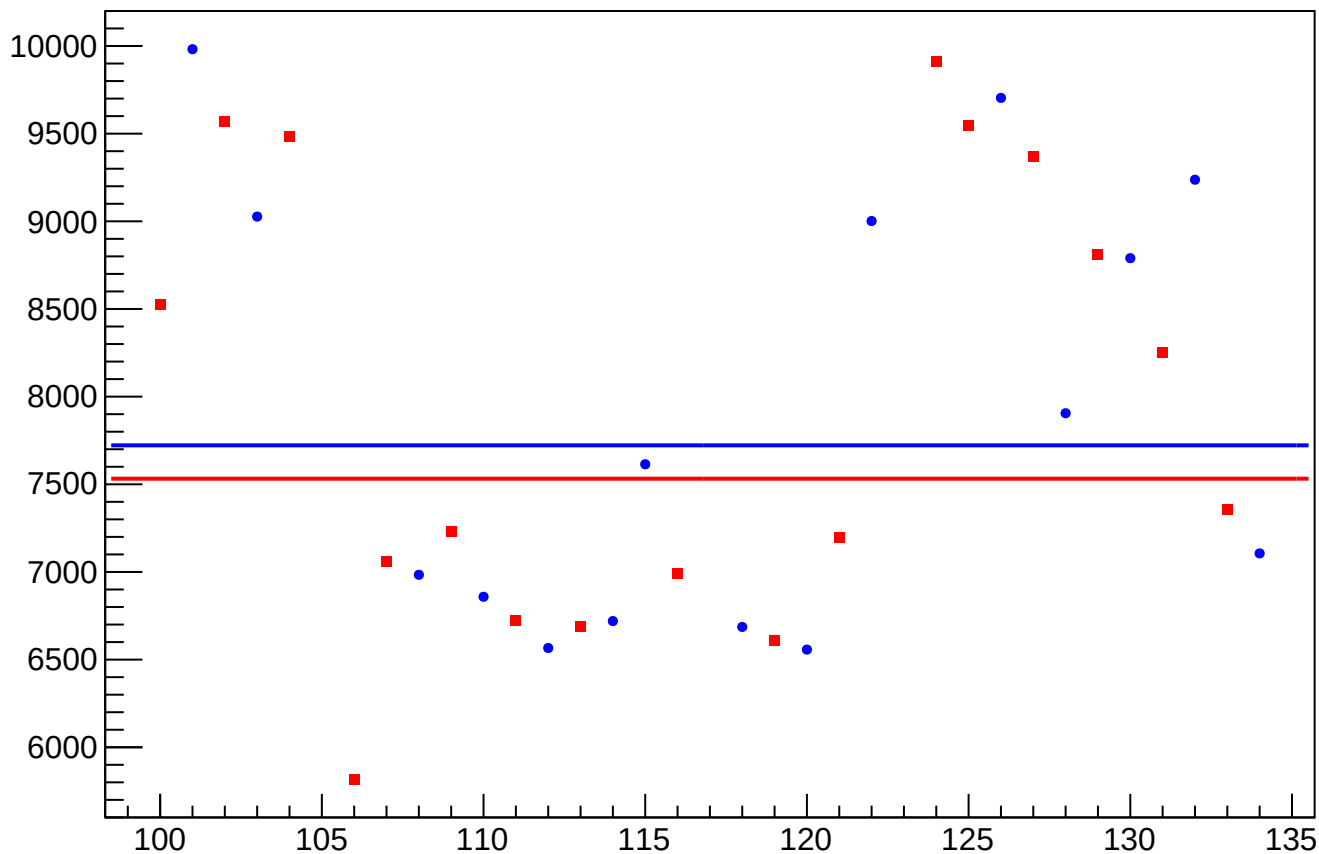
Right: 13.601+/-2.132 χ^2/NDF : 79.8/31

In: 21.458+/-3.108 χ^2/NDF : 40.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.601+/-2.132 χ^2/NDF : 79.8/31

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7722.164+/-2.198 χ^2/NDF : 291435.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7532.093+/-2.072 χ^2/NDF : 328744.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

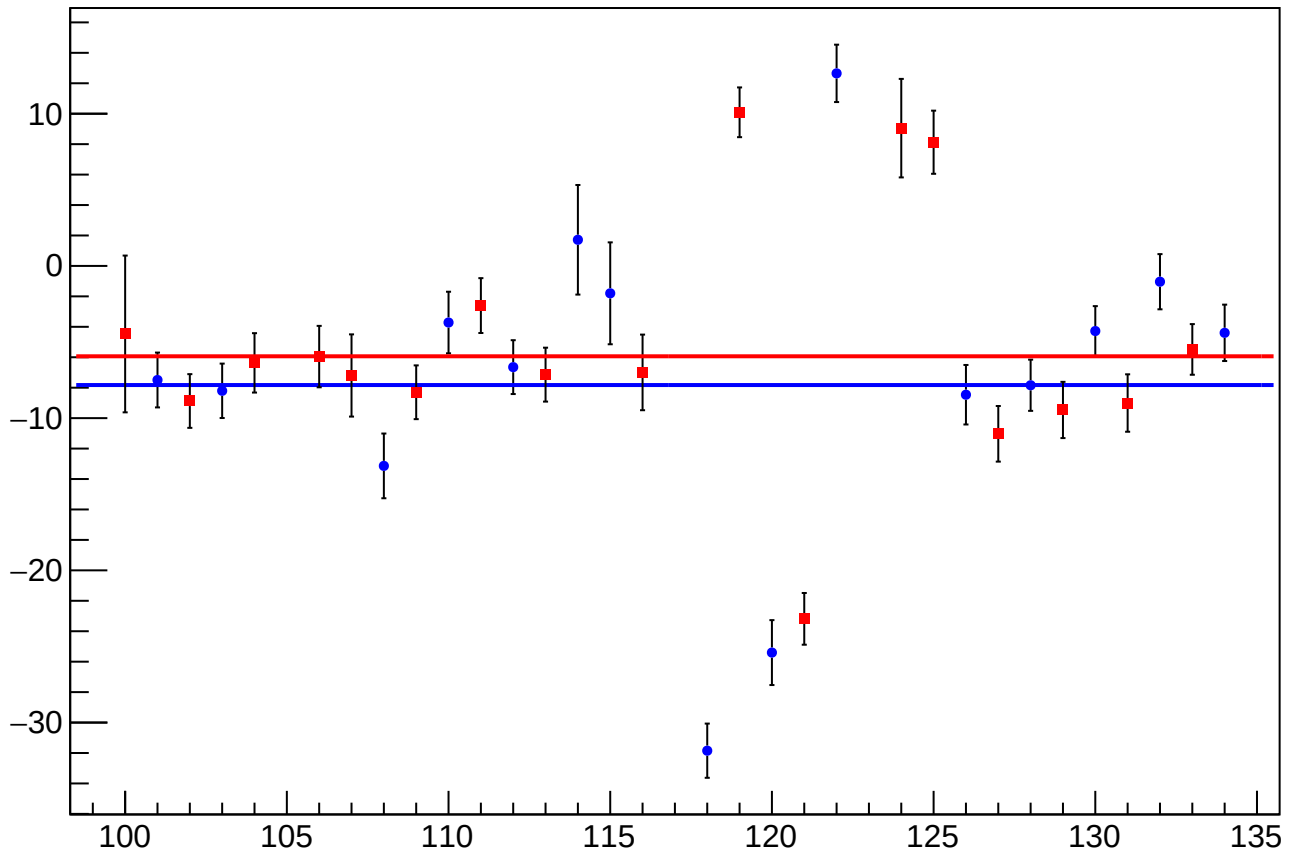
Right: 7621.506+/-1.508 χ^2/NDF : 624140.7/31

In: 7722.164+/-2.198 χ^2/NDF : 291435.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7621.506+/-1.508 χ^2/NDF : 624140.7/31

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.826 ± 0.502 $\chi^2/\text{NDF}: 411.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.937 ± 0.477 $\chi^2/\text{NDF}: 289.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

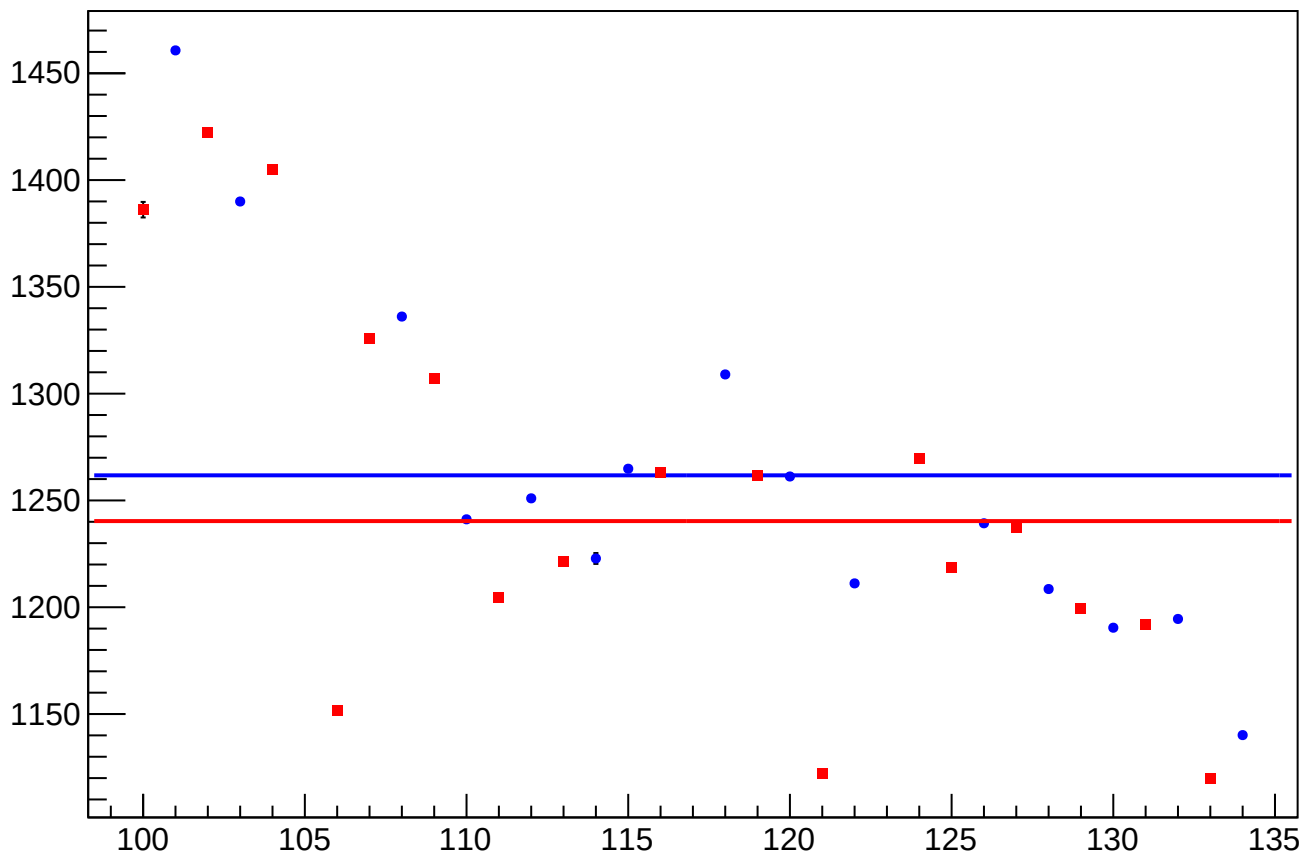
Right: -6.833 ± 0.346 $\chi^2/\text{NDF}: 708.6/31$

In: -7.826 ± 0.502 $\chi^2/\text{NDF}: 411.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.833 ± 0.346 $\chi^2/\text{NDF}: 708.6/31$

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1261.757 ± 0.355 χ^2/NDF : 57939.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1240.337 ± 0.337 χ^2/NDF : 70205.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

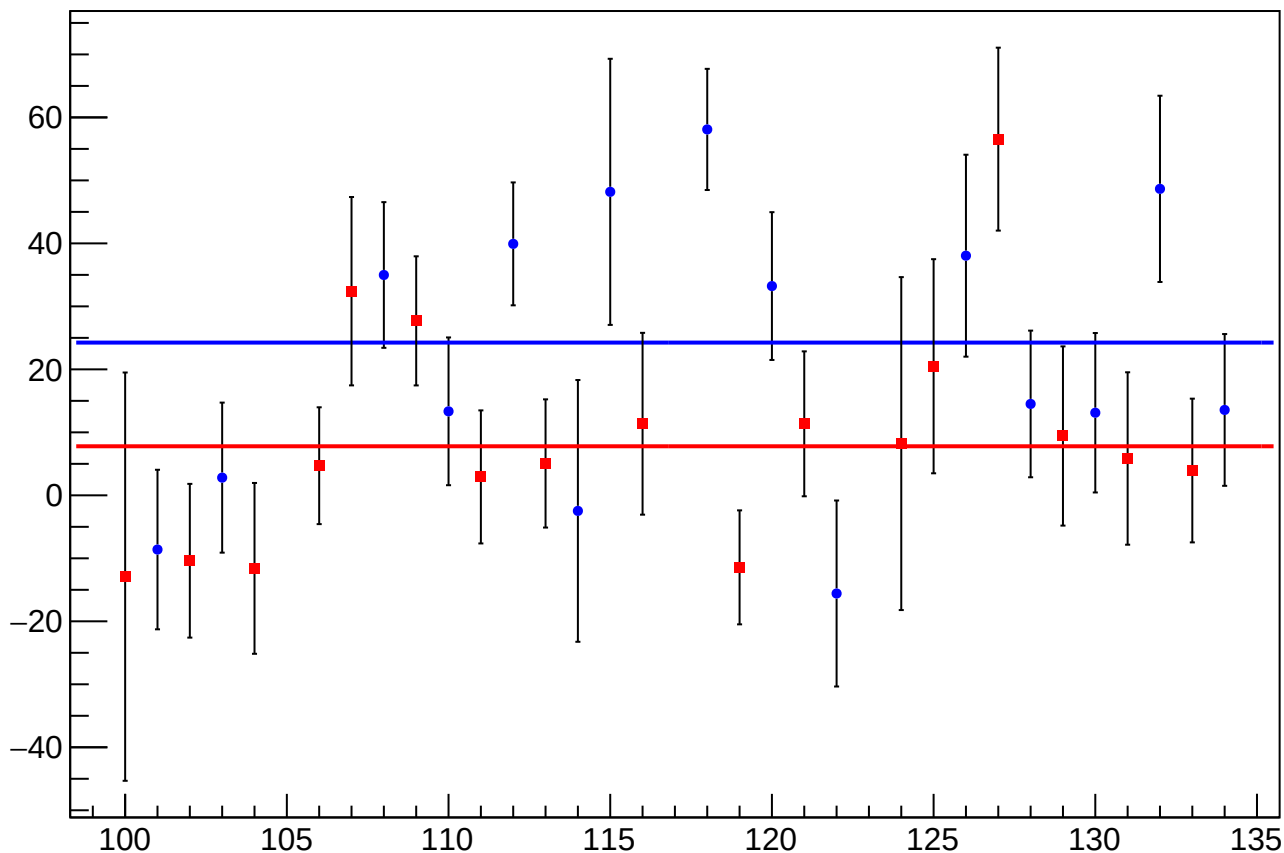
Right: 1250.504 ± 0.244 χ^2/NDF : 130060.1/31

In: 1261.757 ± 0.355 χ^2/NDF : 57939.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1250.504 ± 0.244 χ^2/NDF : 130060.1/31

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.250+/-3.249 χ^2/NDF : 43.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.789+/-3.022 χ^2/NDF : 28.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

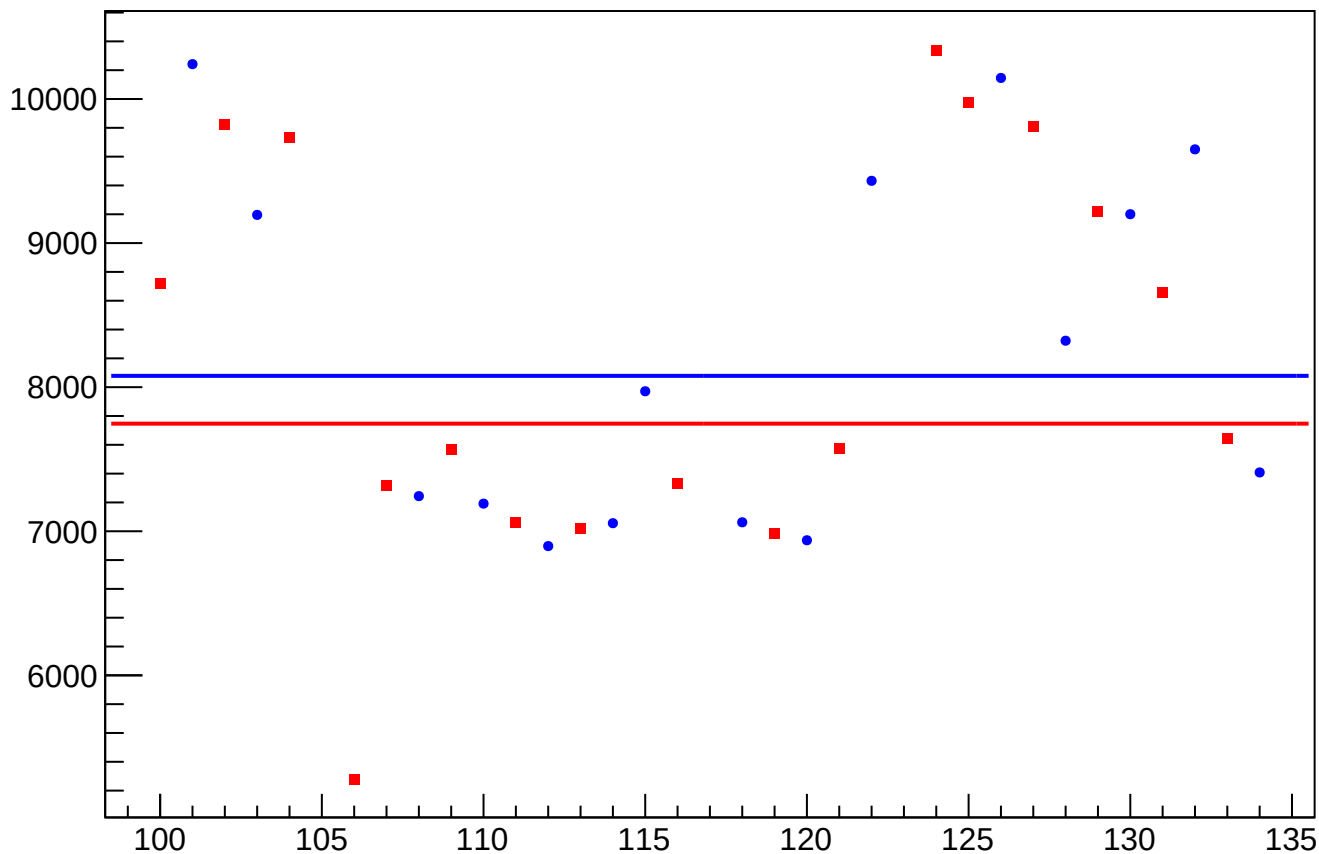
Right: 15.424+/-2.213 χ^2/NDF : 85.2/31

In: 24.250+/-3.249 χ^2/NDF : 43.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.424+/-2.213 χ^2/NDF : 85.2/31

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8078.631+/-2.297 χ^2/NDF : 268759.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7746.767+/-2.137 χ^2/NDF : 406552.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

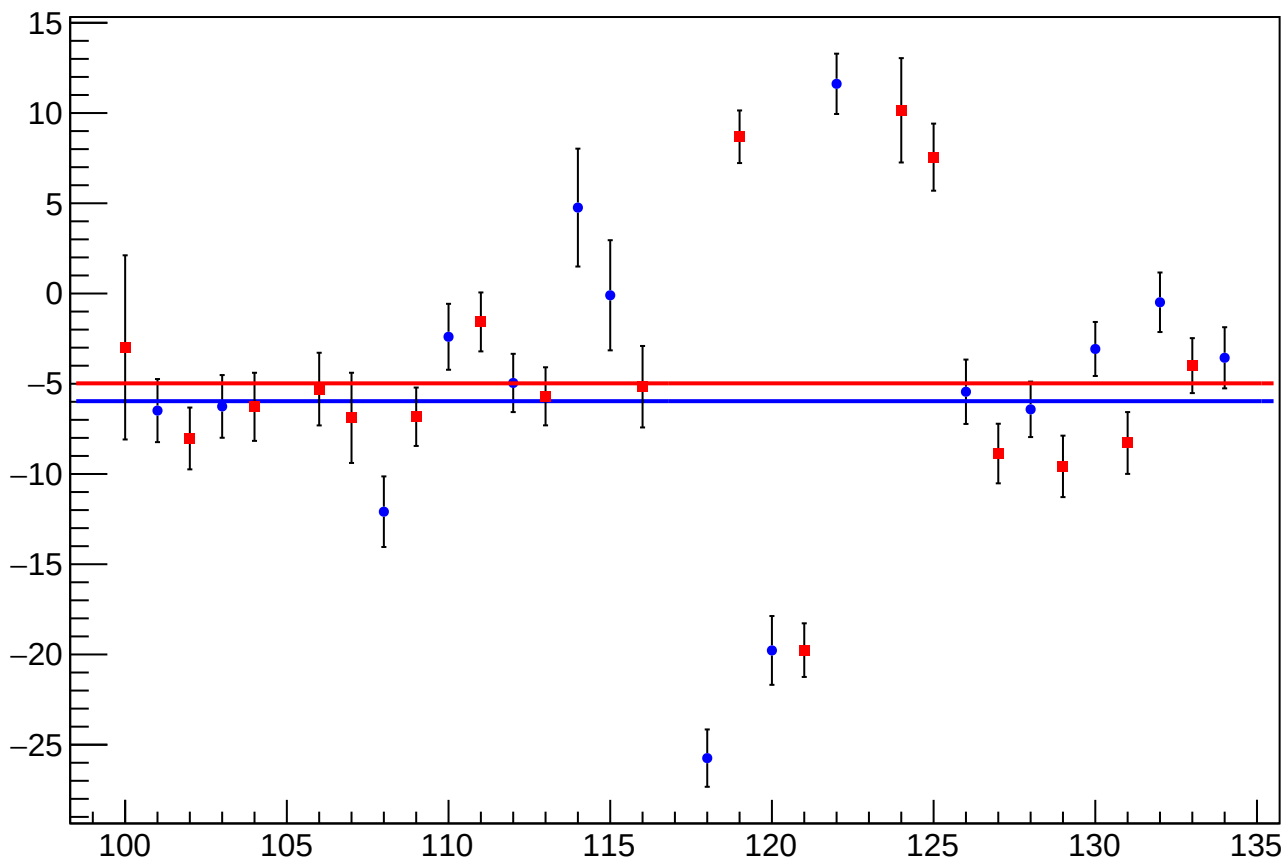
Right: 7900.692+/-1.565 χ^2/NDF : 686499.6/31

In: 8078.631+/-2.297 χ^2/NDF : 268759.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7900.692+/-1.565 χ^2/NDF : 686499.6/31

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.965+/-0.460 χ^2/NDF : 363.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.977+/-0.438 χ^2/NDF : 287.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

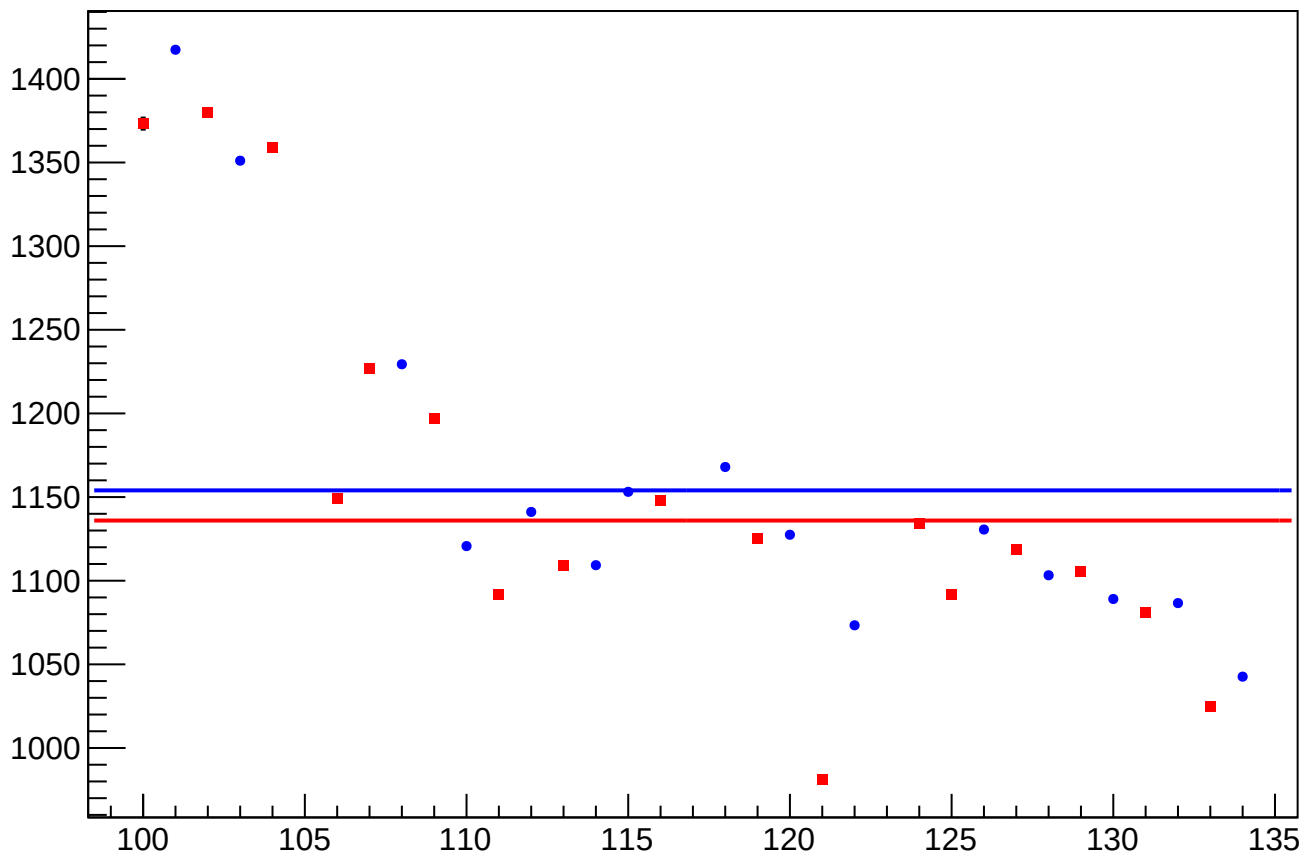
Right: -5.447+/-0.317 χ^2/NDF : 653.0/31

In: -5.965+/-0.460 χ^2/NDF :363.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.447+/-0.317 χ^2/NDF : 653.0/31

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1153.997+/-0.325 χ^2/NDF : 98763.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.969+/-0.309 χ^2/NDF : 116996.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

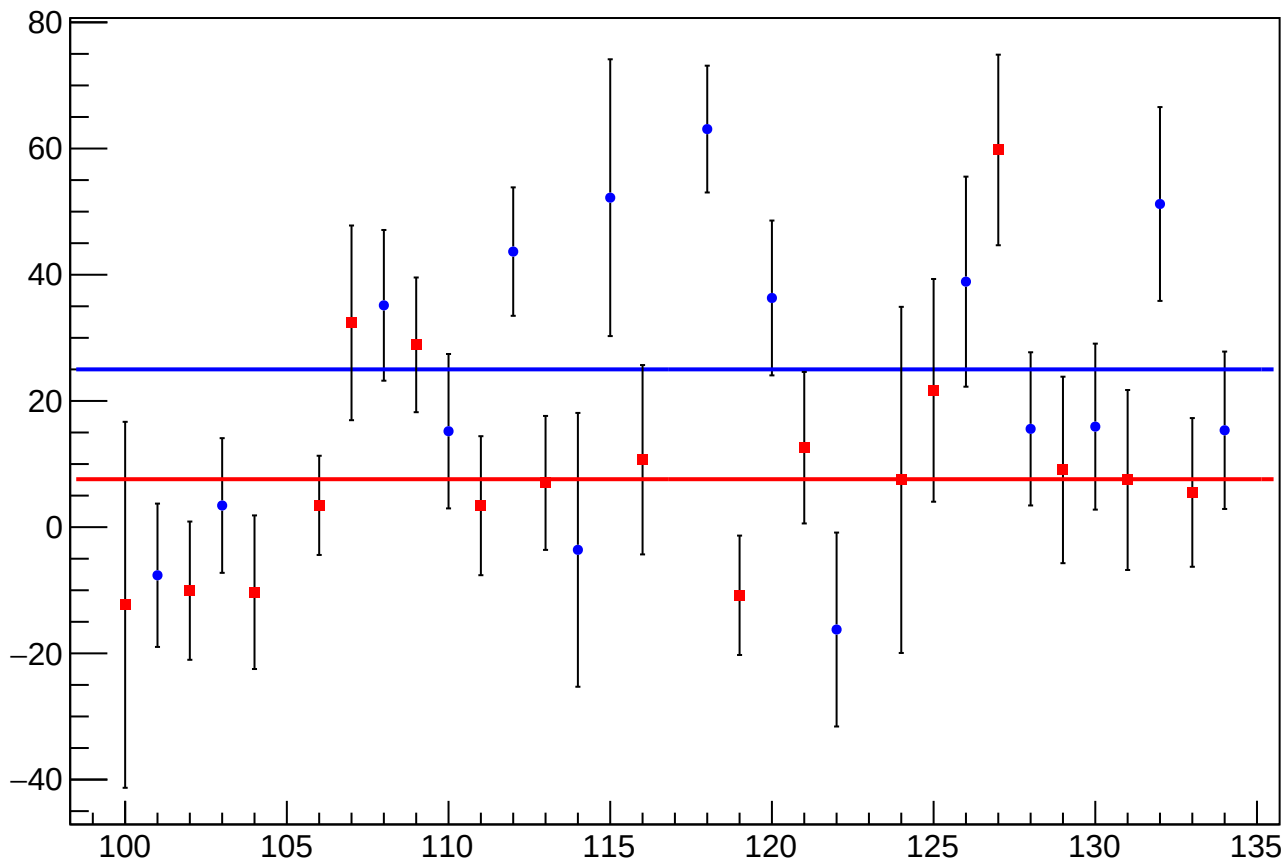
Right: 1144.540+/-0.224 χ^2/NDF : 217374.0/31

In: 1153.997+/-0.325 χ^2/NDF : 98763.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.540+/-0.224 χ^2/NDF : 217374.0/31

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.004 $\pm$ 3.302 χ^2 /NDF: 48.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.599 $\pm$ 3.005 χ^2 /NDF: 28.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

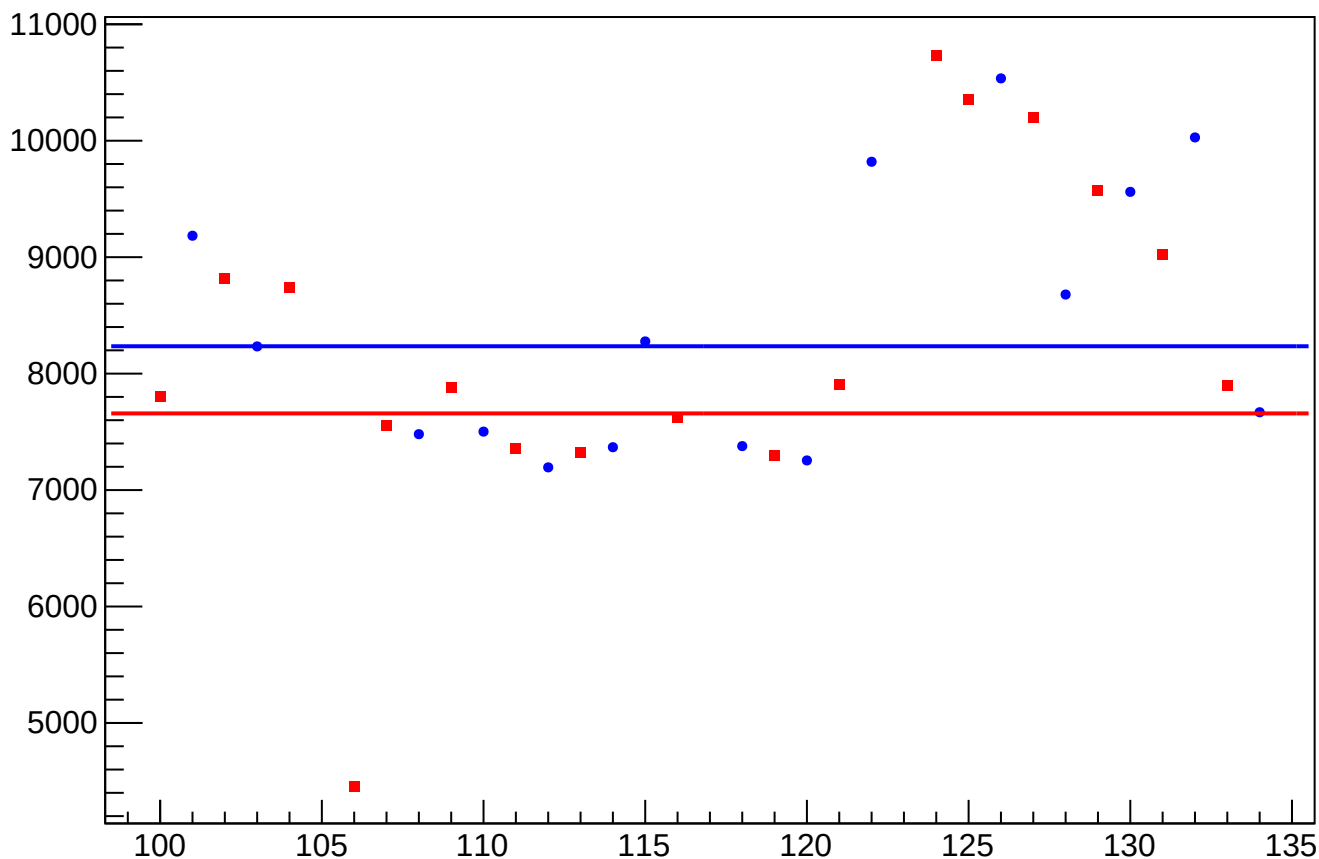
Right: 15.484 $\pm$ 2.222 χ^2 /NDF: 92.1/31

In: 25.004 $\pm$ 3.302 χ^2 /NDF:48.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.484 $\pm$ 2.222 χ^2 /NDF: 92.1/31

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8235.019+/-2.335 χ^2/NDF : 194441.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7658.204+/-2.125 χ^2/NDF : 559493.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

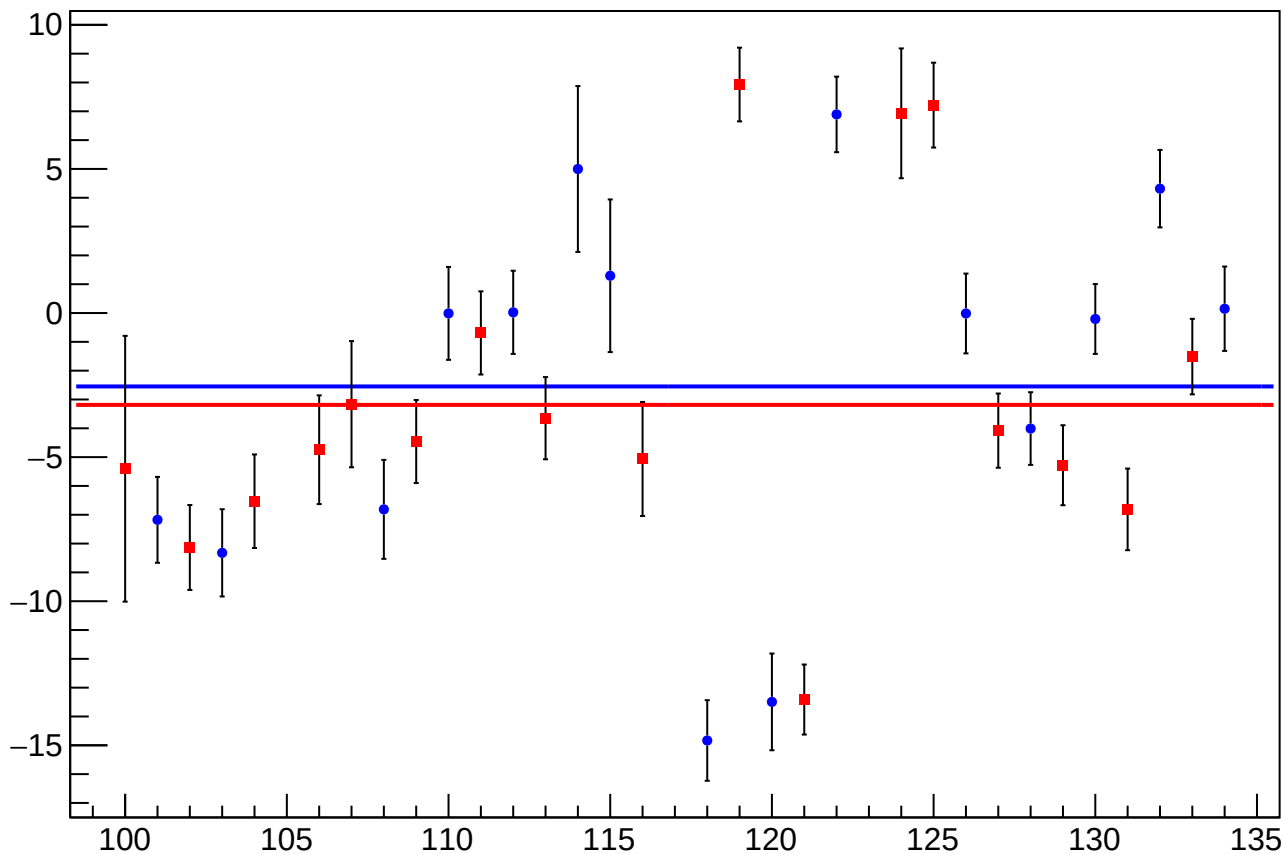
Right: 7919.510+/-1.571 χ^2/NDF : 787319.3/31

In: 8235.019+/-2.335 χ^2/NDF : 194441.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7919.510+/-1.571 χ^2/NDF : 787319.3/31

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.548 ± 0.388 χ^2/NDF : 254.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.188 ± 0.372 χ^2/NDF : 248.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

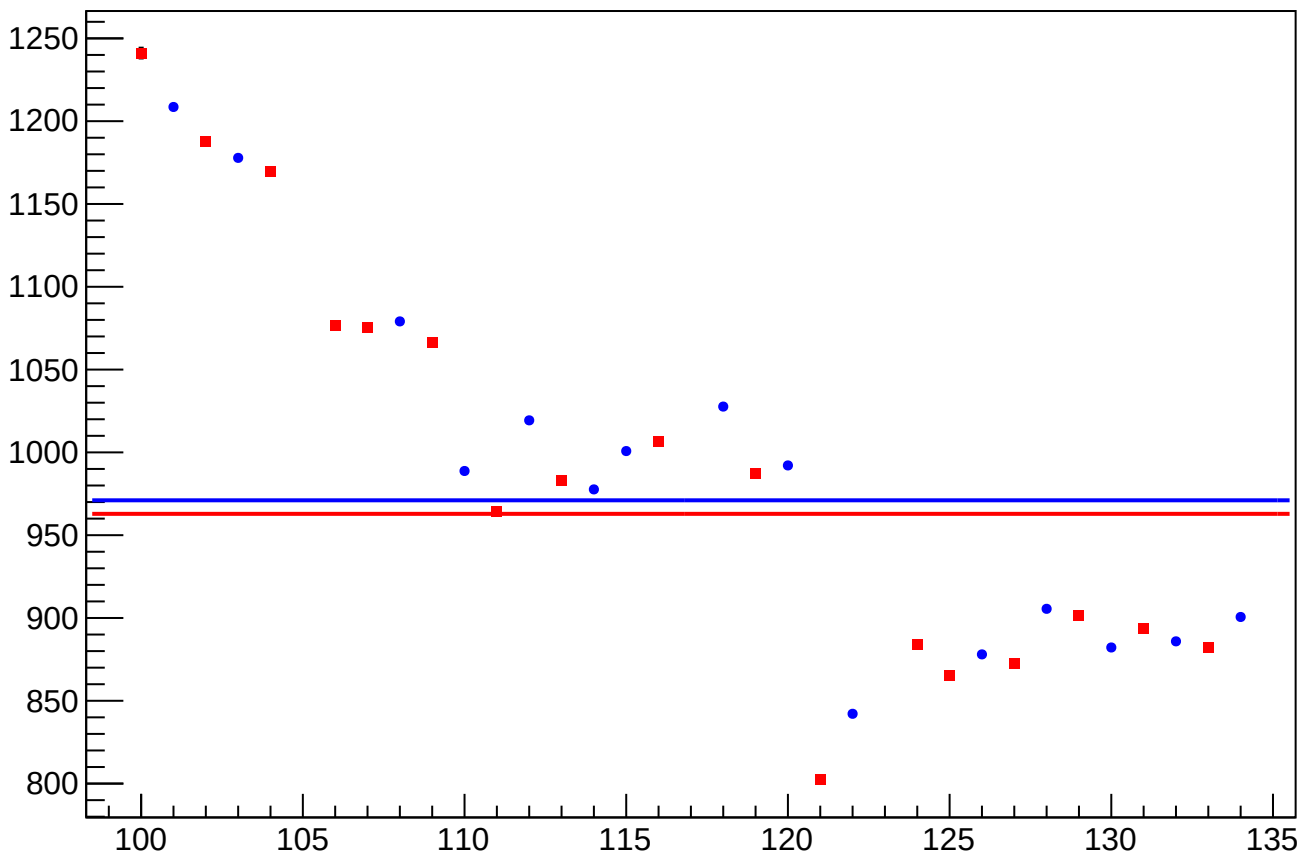
Right: -2.881 ± 0.268 χ^2/NDF : 504.4/31

In: -2.548 ± 0.388 χ^2/NDF : 254.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.881 ± 0.268 χ^2/NDF : 504.4/31

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 971.059+/-0.274 χ^2/NDF : 159552.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 962.882+/-0.263 χ^2/NDF : 183333.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

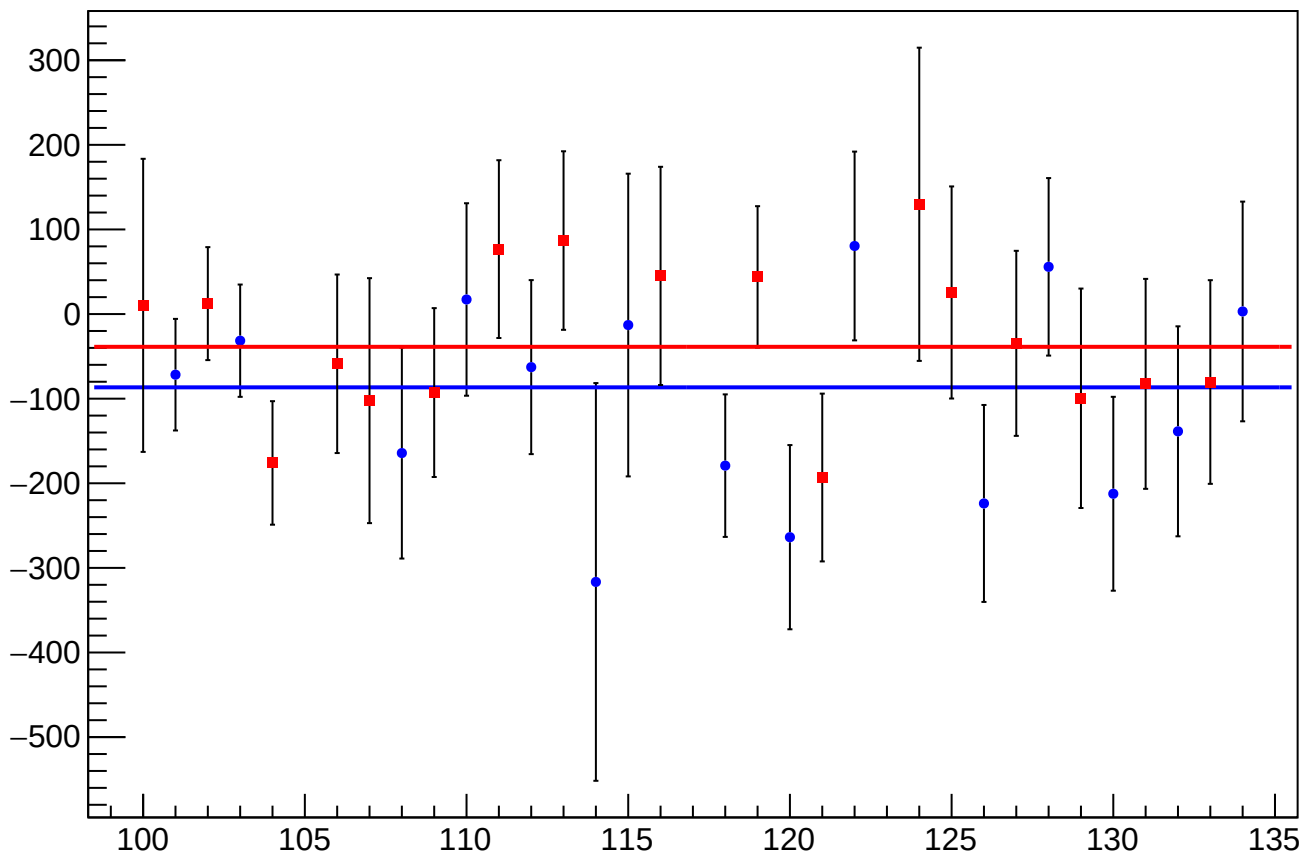
Right: 966.799+/-0.190 χ^2/NDF : 343349.3/31

In: 971.059+/-0.274 χ^2/NDF :159552.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 966.799+/-0.190 χ^2/NDF : 343349.3/31

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -86.610 $\pm$ 26.600 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.720 $\pm$ 25.492 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

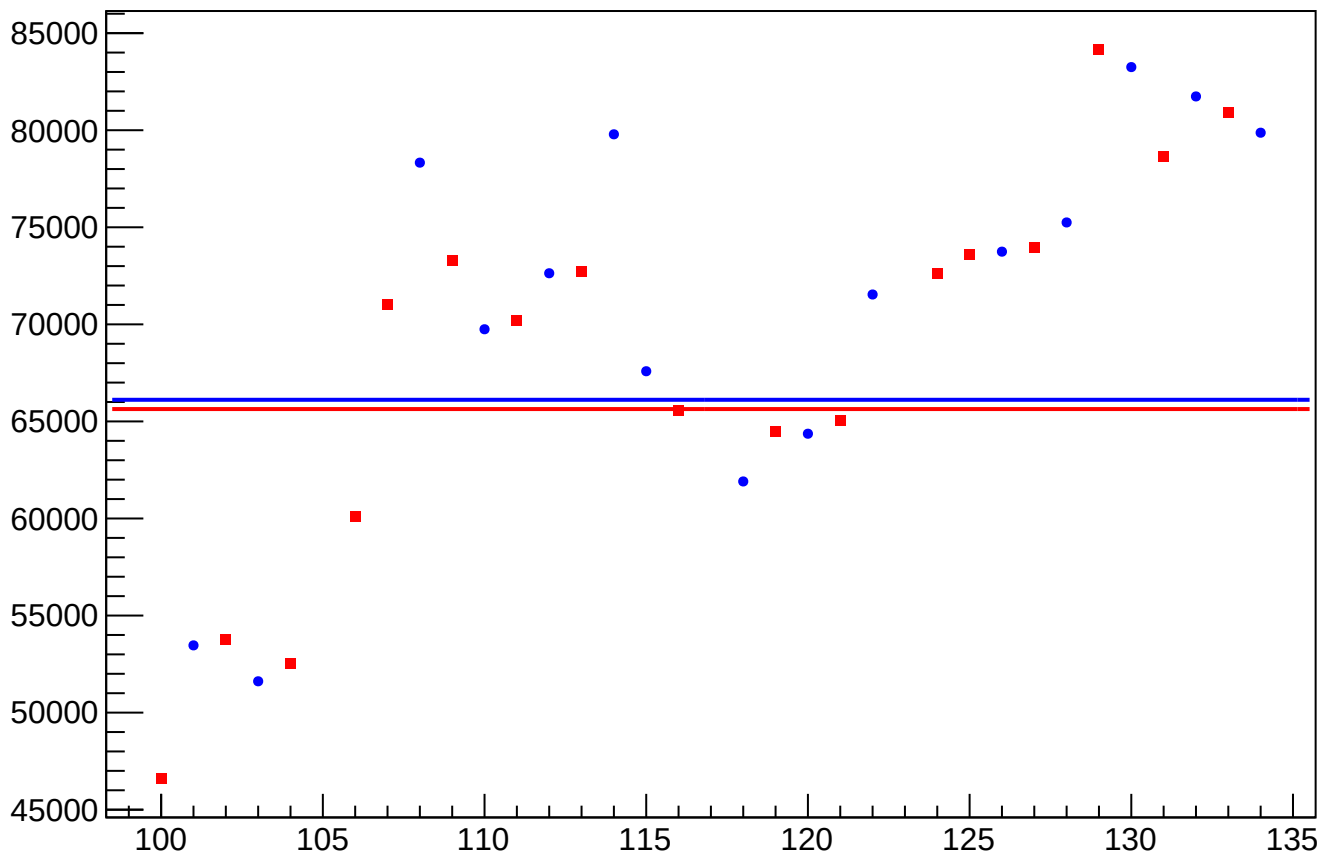
Right: -61.647 $\pm$ 18.405 χ^2 /NDF: 28.8/31

In: -86.610 $\pm$ 26.600 χ^2 /NDF: 14.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.647 $\pm$ 18.405 χ^2 /NDF: 28.8/31

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 66114.359+/-18.809 χ^2/NDF : 338139.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 65636.755+/-18.026 χ^2/NDF : 302666.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

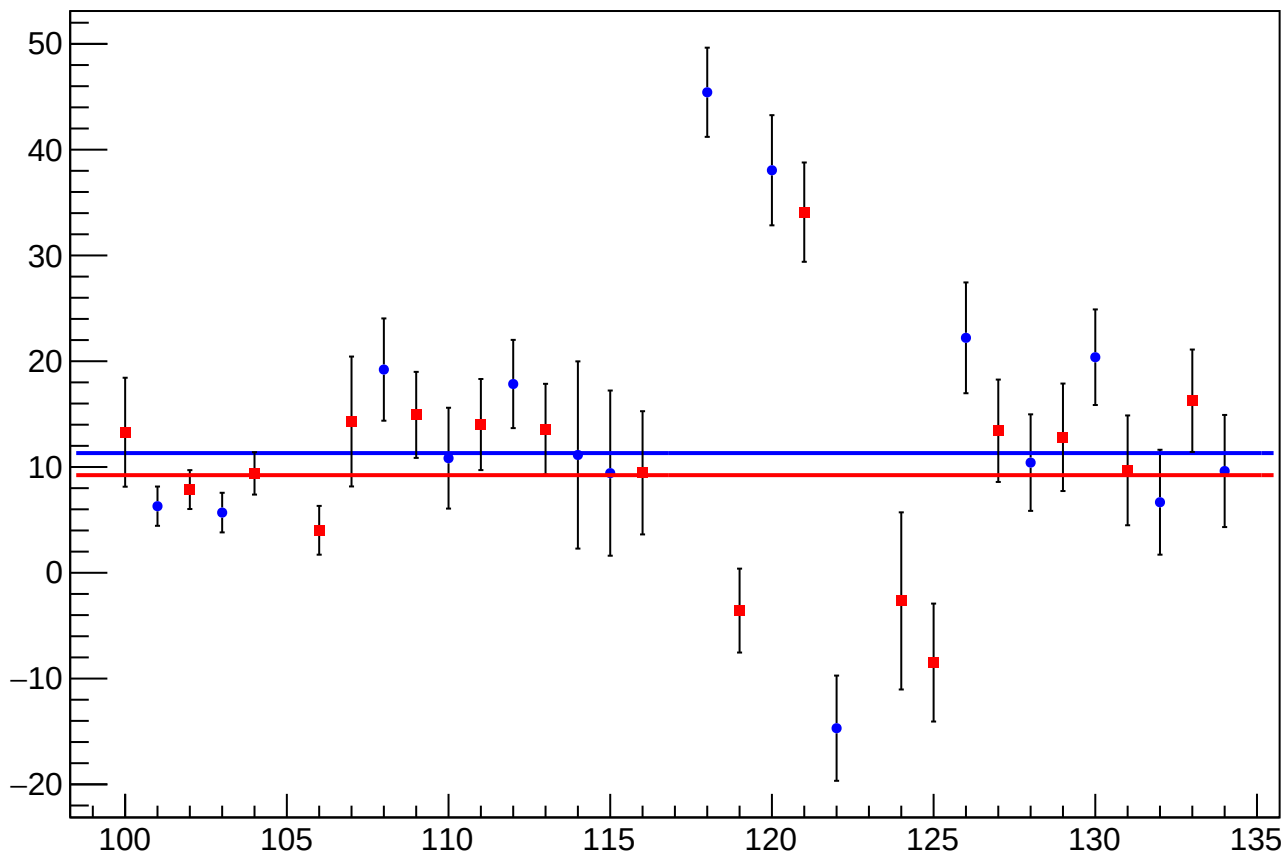
Right: 65865.402+/-13.014 χ^2/NDF : 641142.5/31

In: 66114.359+/-18.809 χ^2/NDF :338139.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65865.402+/-13.014 χ^2/NDF : 641142.5/31

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.316+/-0.957 χ^2/NDF : 150.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.230+/-0.873 χ^2/NDF : 65.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

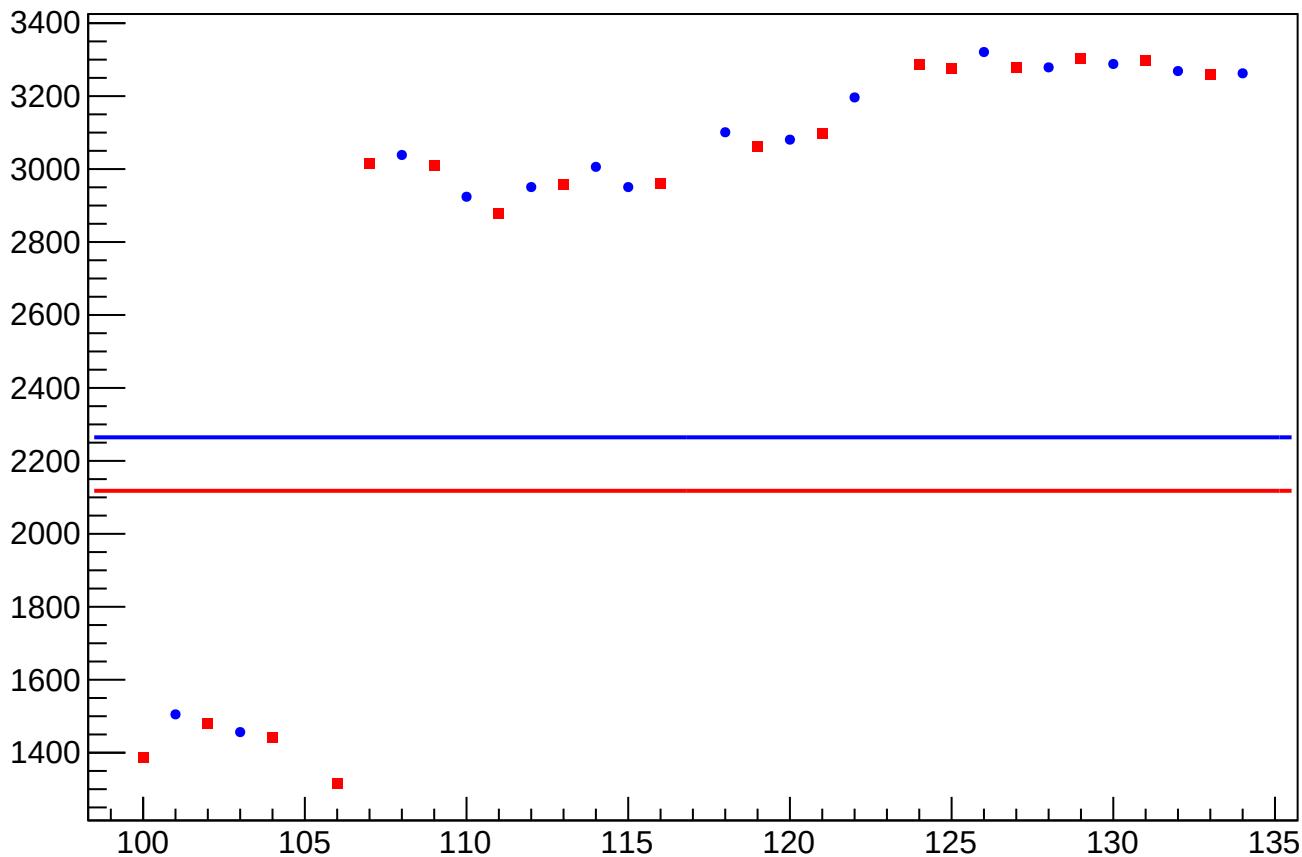
Right: 10.177+/-0.645 χ^2/NDF : 217.8/31

In: 11.316+/-0.957 χ^2/NDF : 150.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.177+/-0.645 χ^2/NDF : 217.8/31

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2264.600+/-0.677 χ^2/NDF : 1514125.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.980+/-0.617 χ^2/NDF : 1834133.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

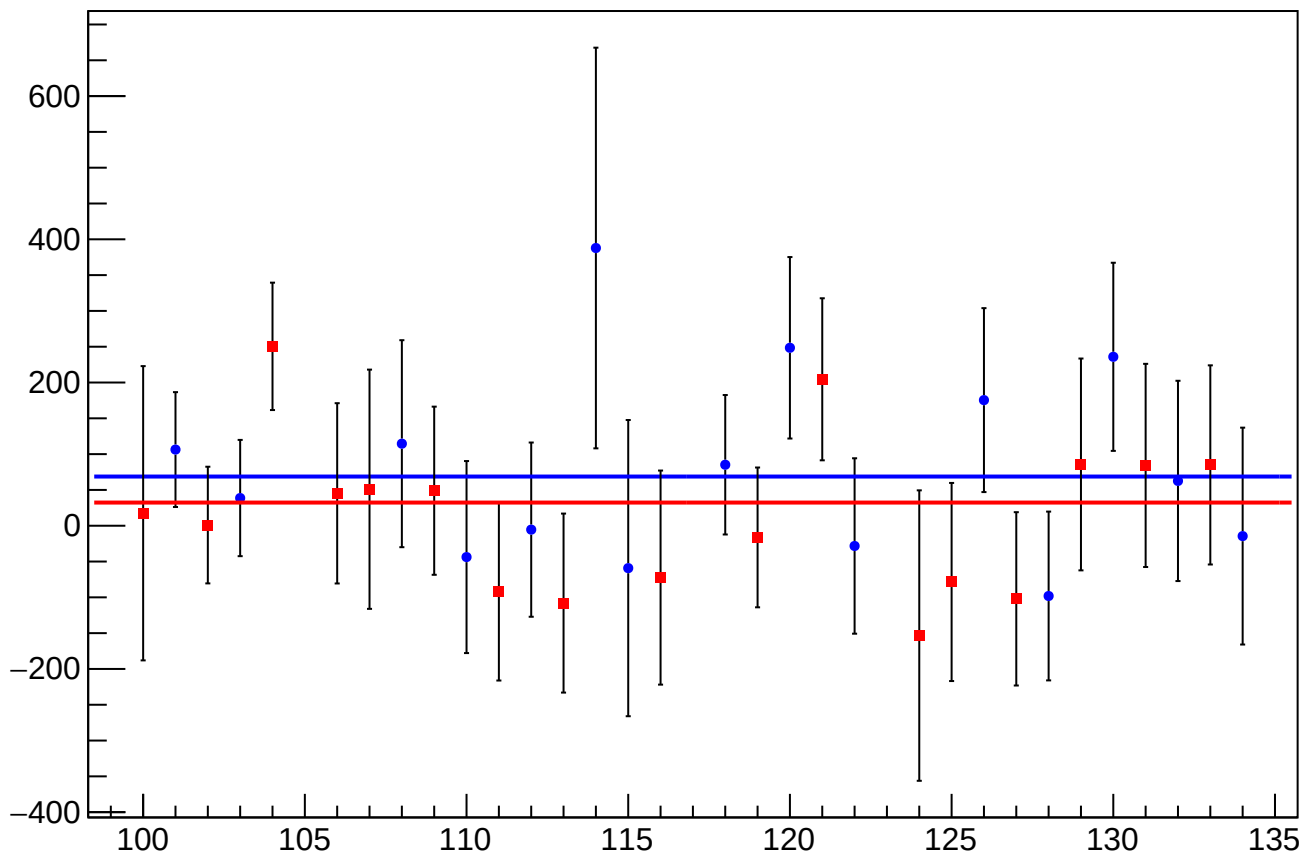
Right: 2184.564+/-0.456 χ^2/NDF : 3373892.2/31

In: 2264.600+/-0.677 χ^2/NDF : 1514125.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.564+/-0.456 χ^2/NDF : 3373892.2/31

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 68.698+/-31.097 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.356+/-29.870 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

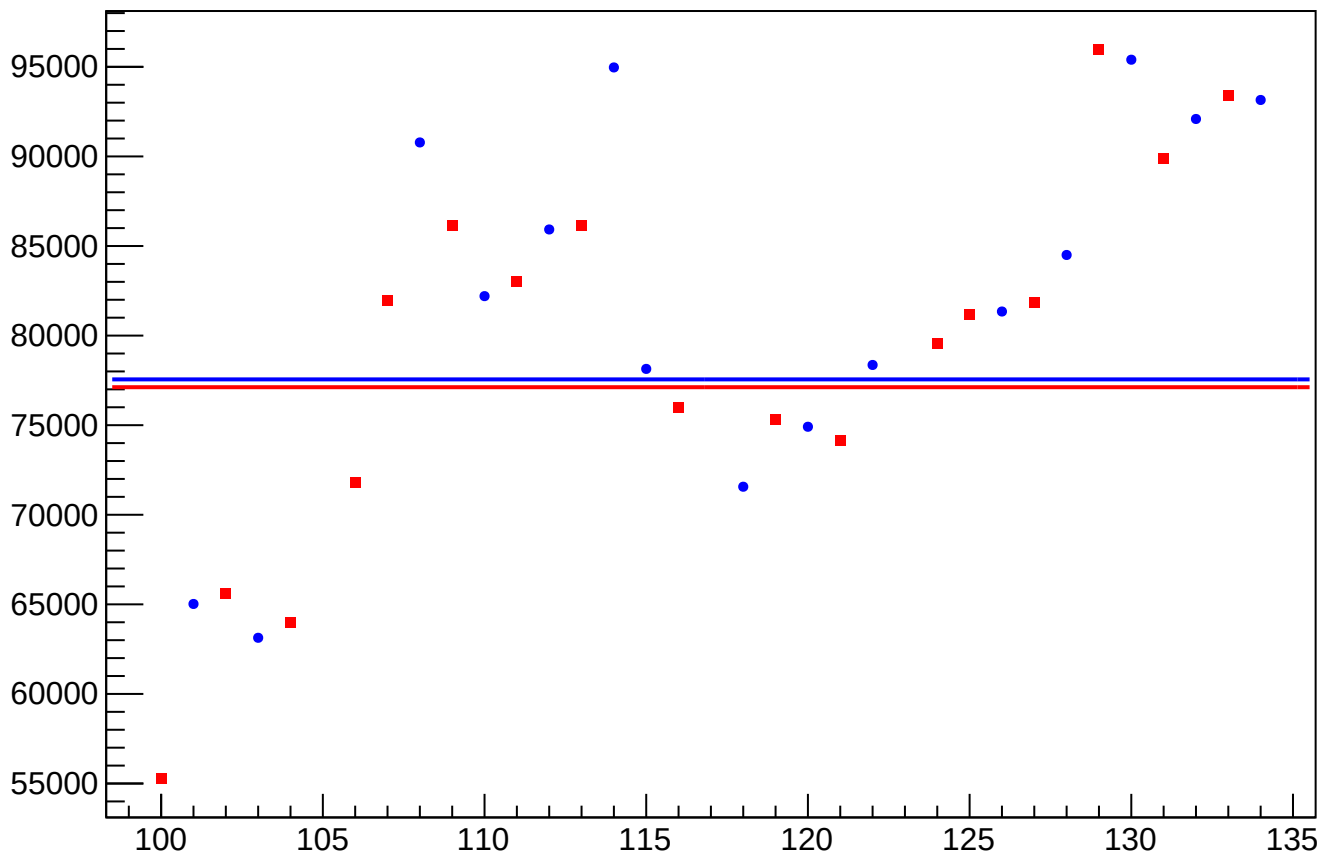
Right: 49.796+/-21.542 χ^2/NDF : 25.9/31

In: 68.698+/-31.097 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.796+/-21.542 χ^2/NDF : 25.9/31

diff_bpm0r05X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 77555.953+/-21.989 χ^2 /NDF: 245267.8/14

Right: 77328.953+/-15.233 χ^2 /NDF: 466608.3/31

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 77119.520+/-21.121 χ^2 /NDF: 221135.6/16

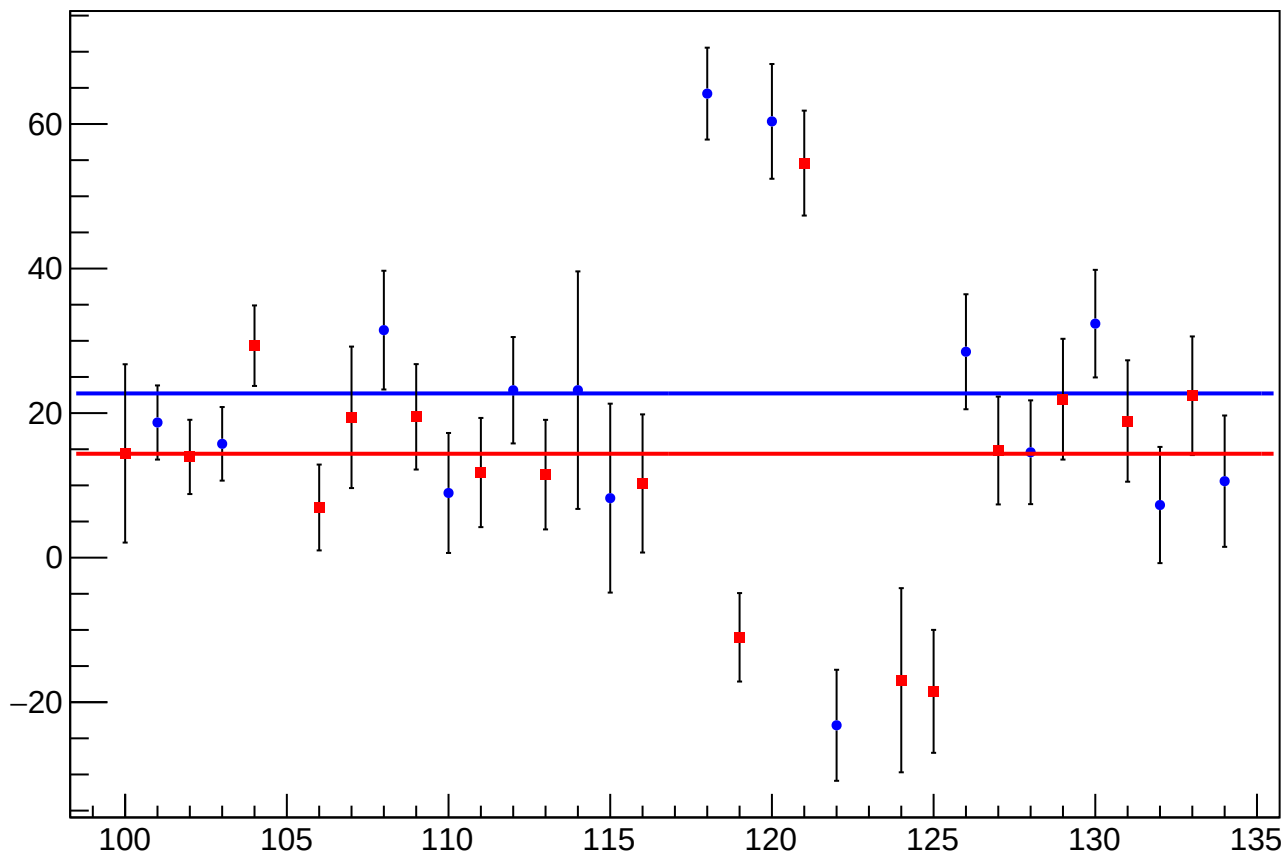
In: 77555.953+/-21.989 χ^2 /NDF: 245267.8/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 77328.953+/-15.233 χ^2 /NDF: 466608.3/31

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 22.722 $\pm$ 1.916 χ^2 /NDF: 117.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.376 $\pm$ 1.804 χ^2 /NDF: 81.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

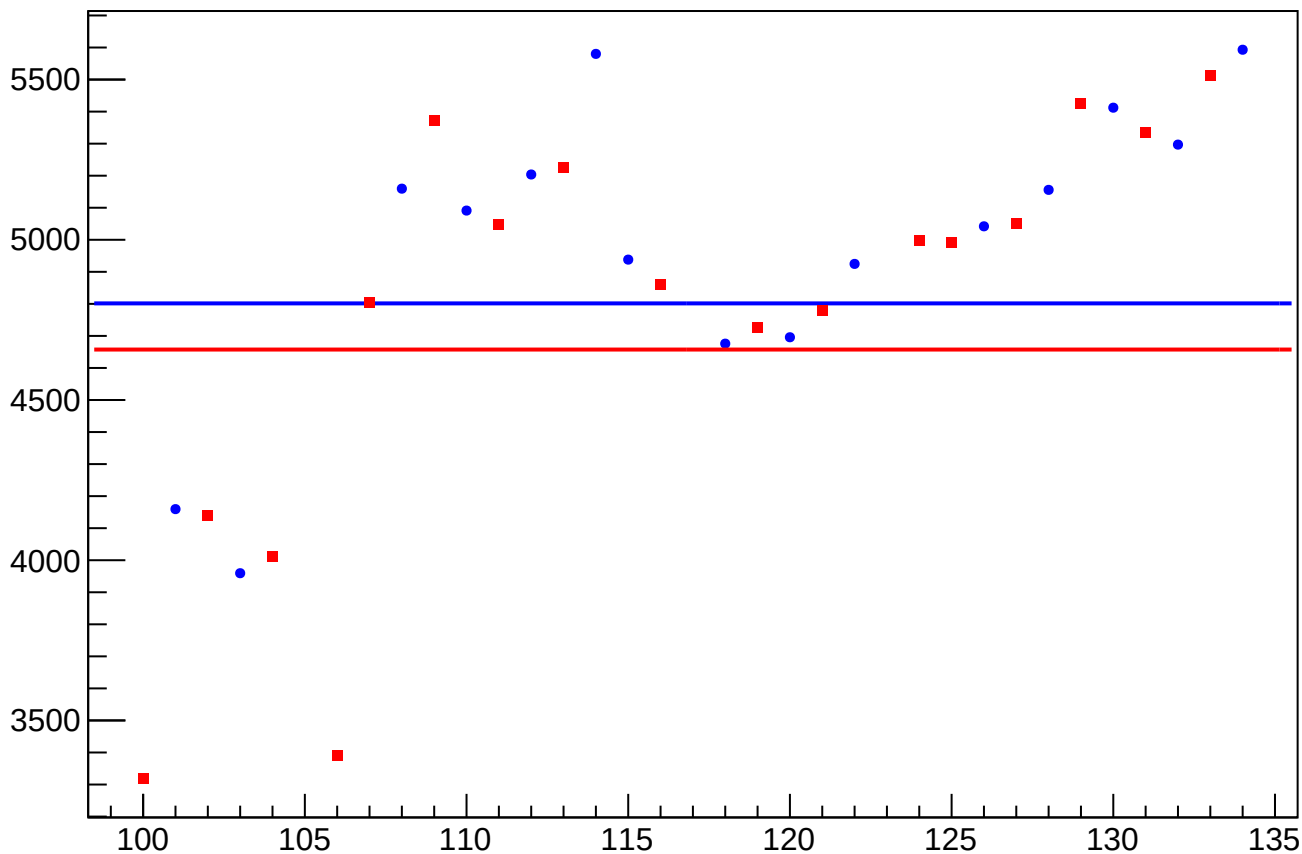
Right: 18.298 $\pm$ 1.314 χ^2 /NDF: 208.4/31

In: 22.722 $\pm$ 1.916 χ^2 /NDF: 117.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.298 $\pm$ 1.314 χ^2 /NDF: 208.4/31

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4801.510+/-1.355 χ^2/NDF : 147522.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4657.450+/-1.276 χ^2/NDF : 261714.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

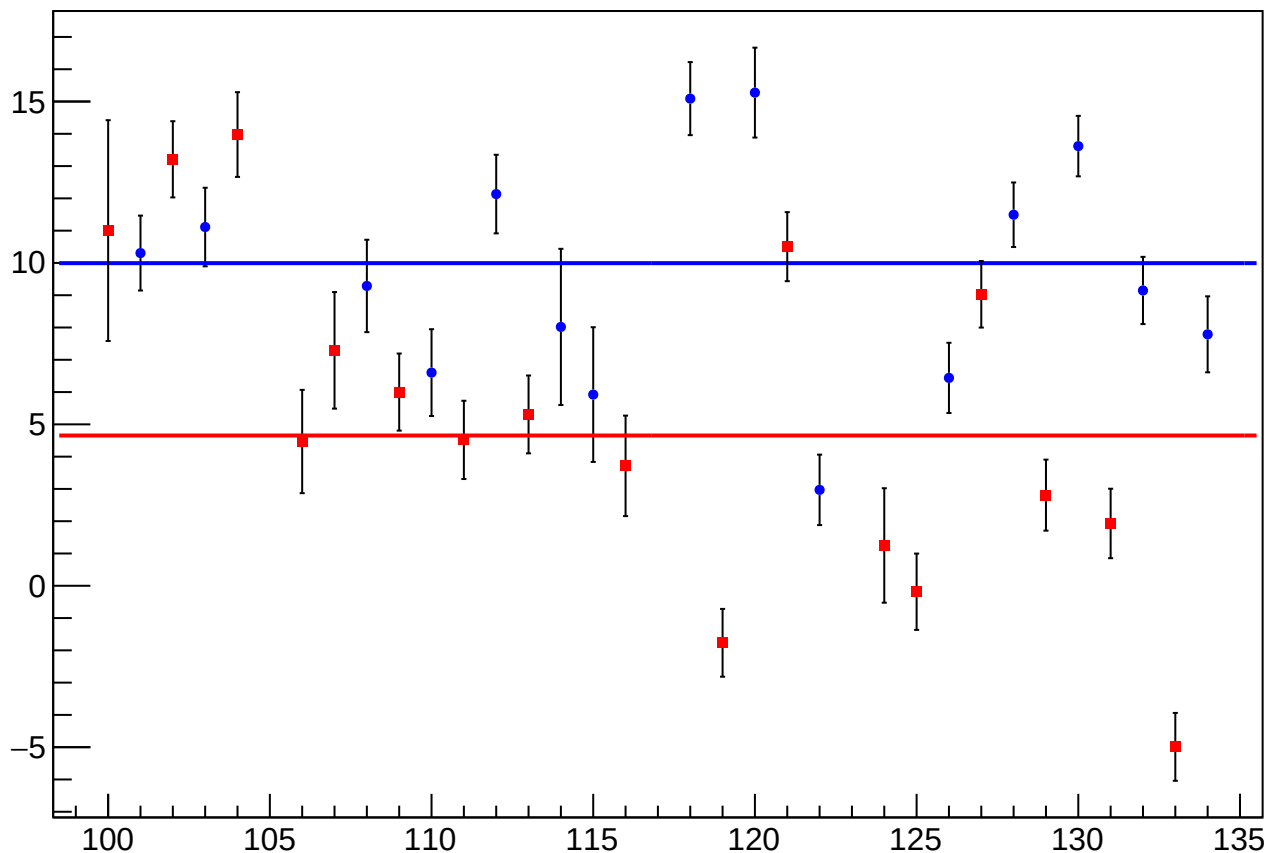
Right: 4725.151+/-0.929 χ^2/NDF : 415228.0/31

In: 4801.510+/-1.355 χ^2/NDF : 147522.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4725.151+/-0.929 χ^2/NDF : 415228.0/31

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.993+/-0.312 χ^2/NDF : 123.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.655+/-0.303 χ^2/NDF : 309.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

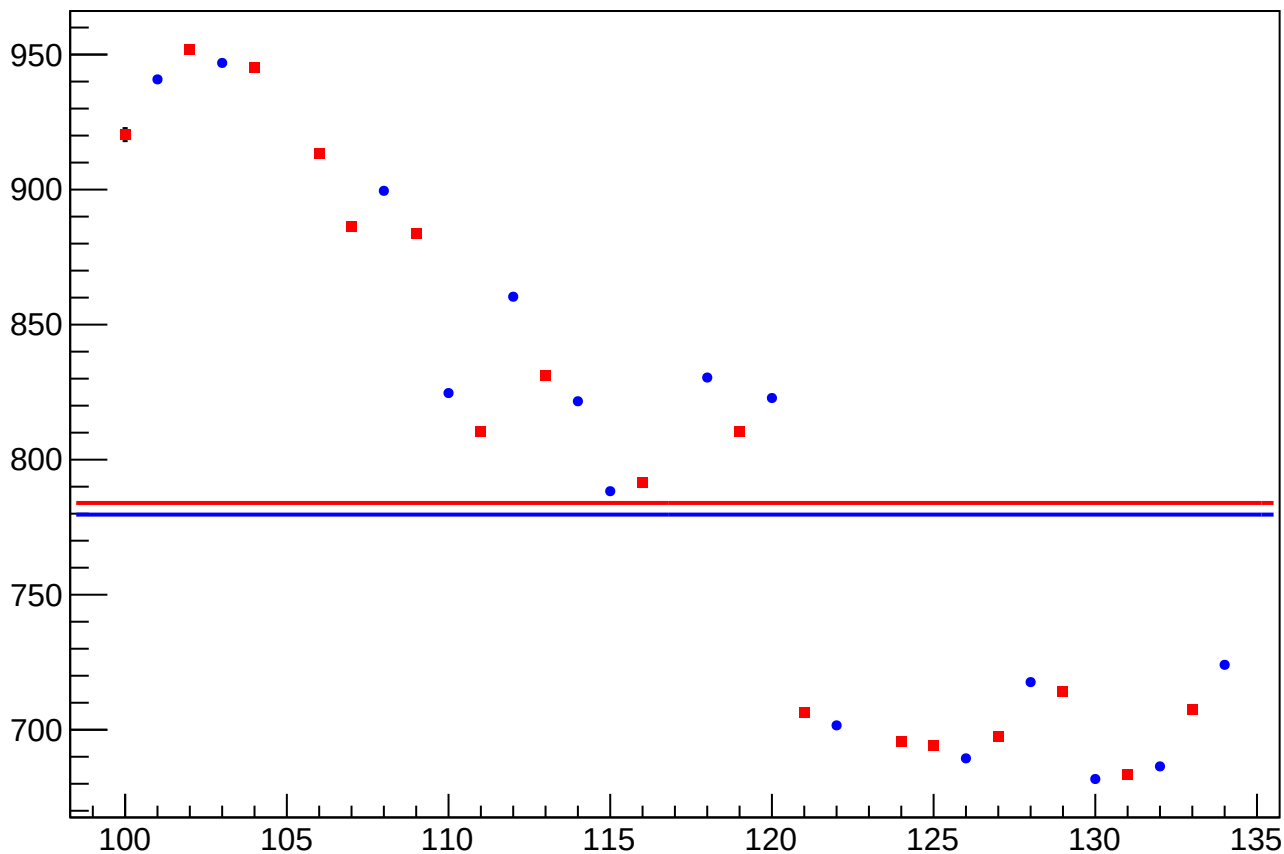
Right: 7.247+/-0.217 χ^2/NDF : 584.2/31

In: 9.993+/-0.312 χ^2/NDF : 123.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.247+/-0.217 χ^2/NDF : 584.2/31

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 779.663+/-0.220 χ^2/NDF : 182051.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 783.978+/-0.214 χ^2/NDF : 189665.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

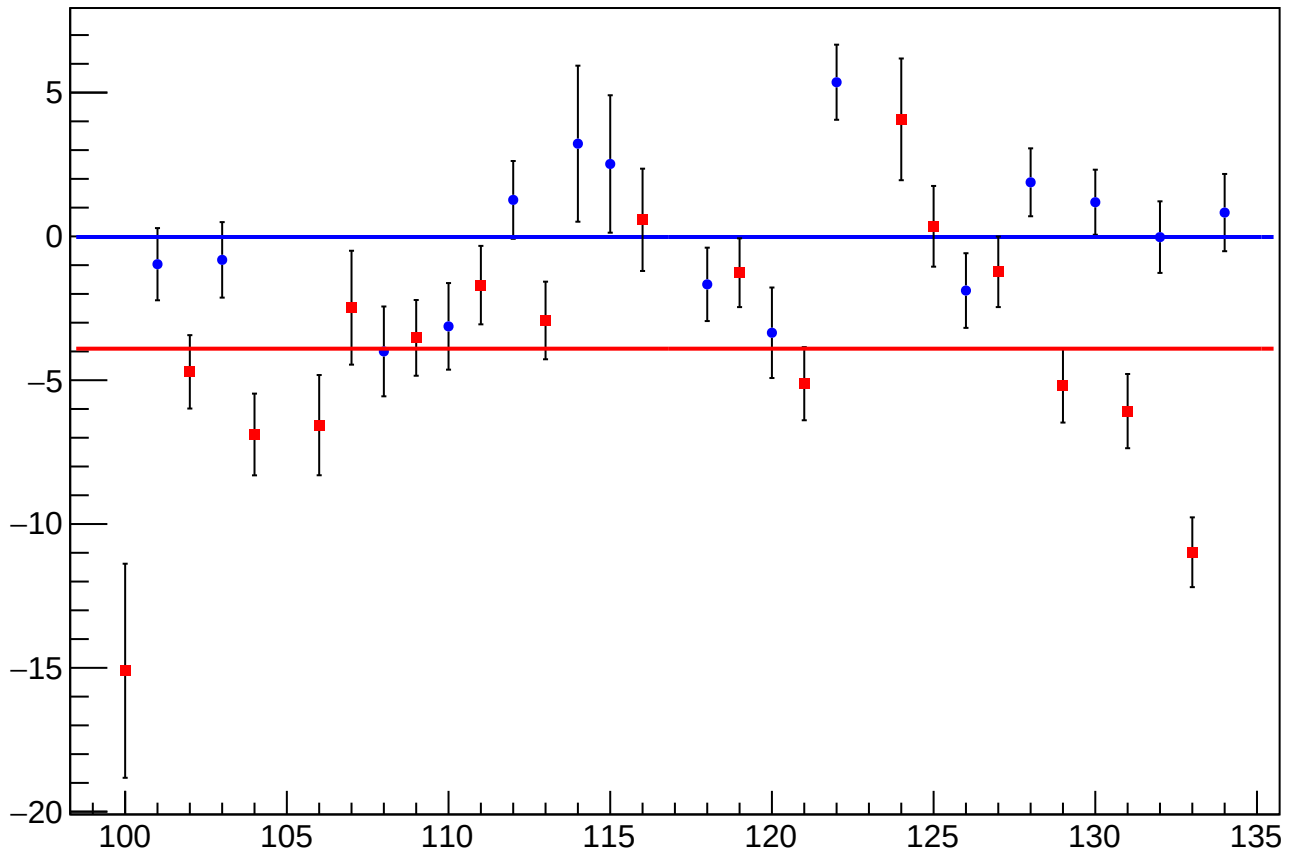
Right: 781.883+/-0.153 χ^2/NDF : 371914.7/31

In: 779.663+/-0.220 χ^2/NDF : 182051.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.883+/-0.153 χ^2/NDF : 371914.7/31

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.358 χ^2/NDF : 44.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.903+/-0.346 χ^2/NDF : 98.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

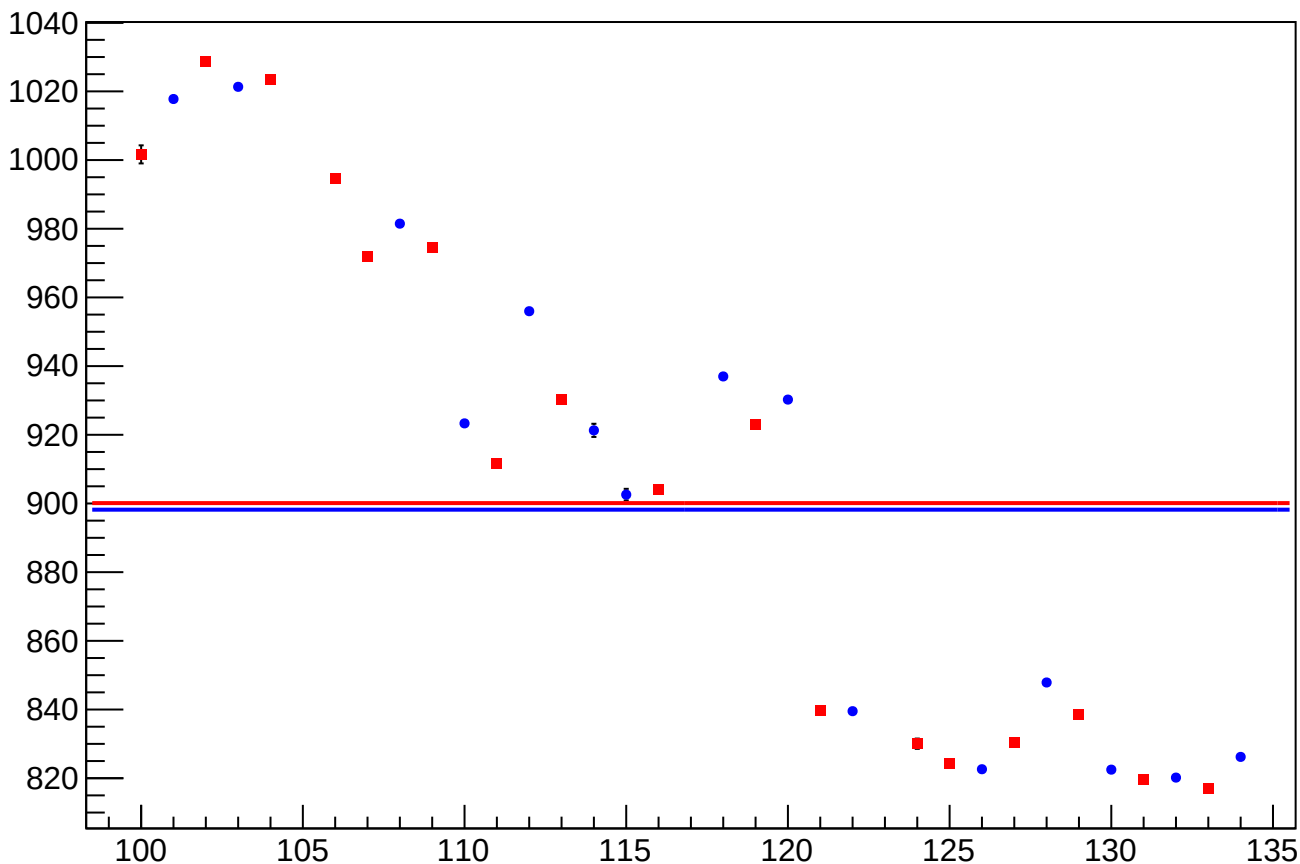
Right: -2.024+/-0.249 χ^2/NDF : 203.4/31

In: -0.021+/-0.358 χ^2/NDF : 44.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.024+/-0.249 χ^2/NDF : 203.4/31

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 898.194+/-0.253 χ^2/NDF : 85516.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 900.110+/-0.245 χ^2/NDF : 94351.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

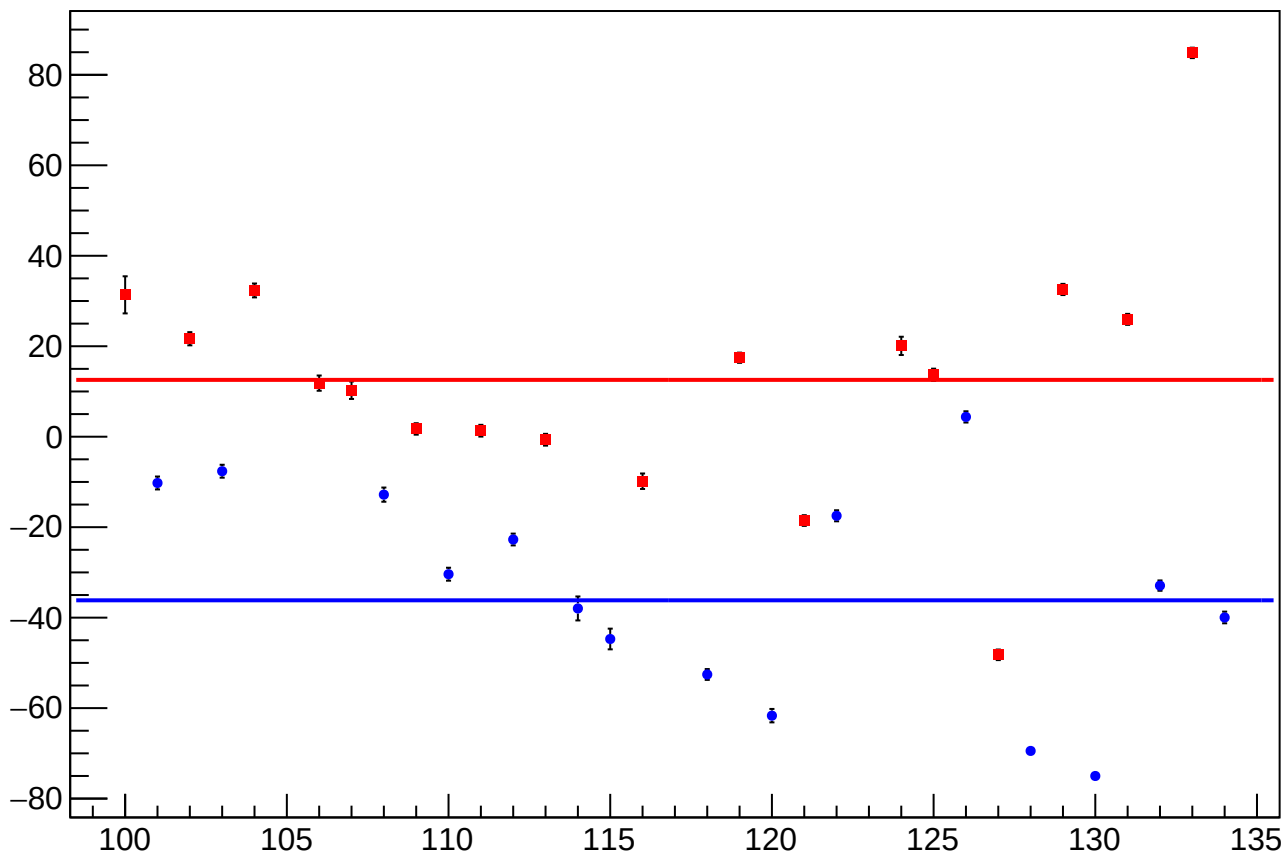
Right: 899.182+/-0.176 χ^2/NDF : 179898.4/31

In: 898.194+/-0.253 χ^2/NDF :85516.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 899.182+/-0.176 χ^2/NDF : 179898.4/31

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -36.169+/-0.347 χ^2/NDF : 5104.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.564+/-0.336 χ^2/NDF : 8384.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

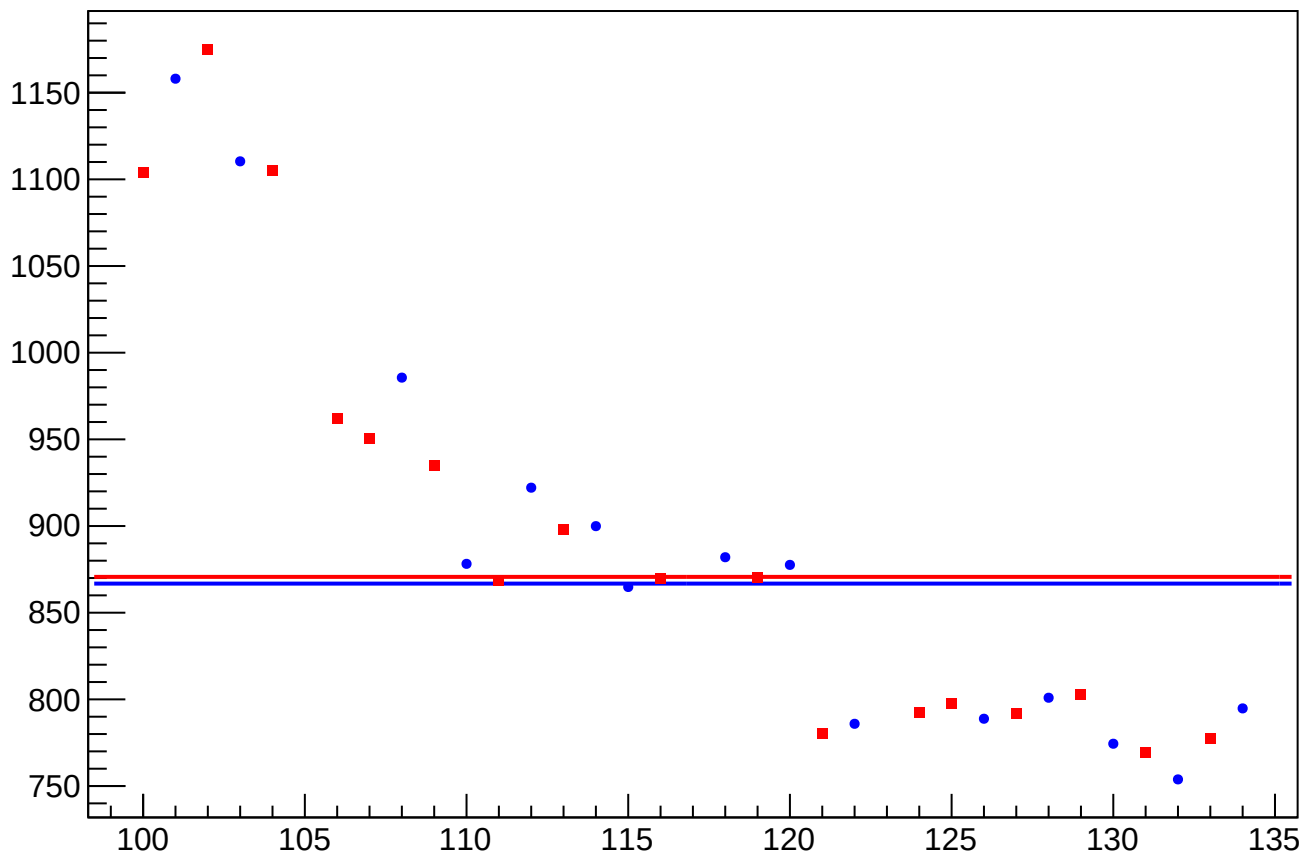
Right: -11.059+/-0.242 χ^2/NDF : 23658.6/31

In: -36.169+/-0.347 χ^2/NDF : 5104.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.059+/-0.242 χ^2/NDF : 23658.6/31

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 866.784+/-0.245 χ^2/NDF : 221737.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.662+/-0.238 χ^2/NDF : 218318.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

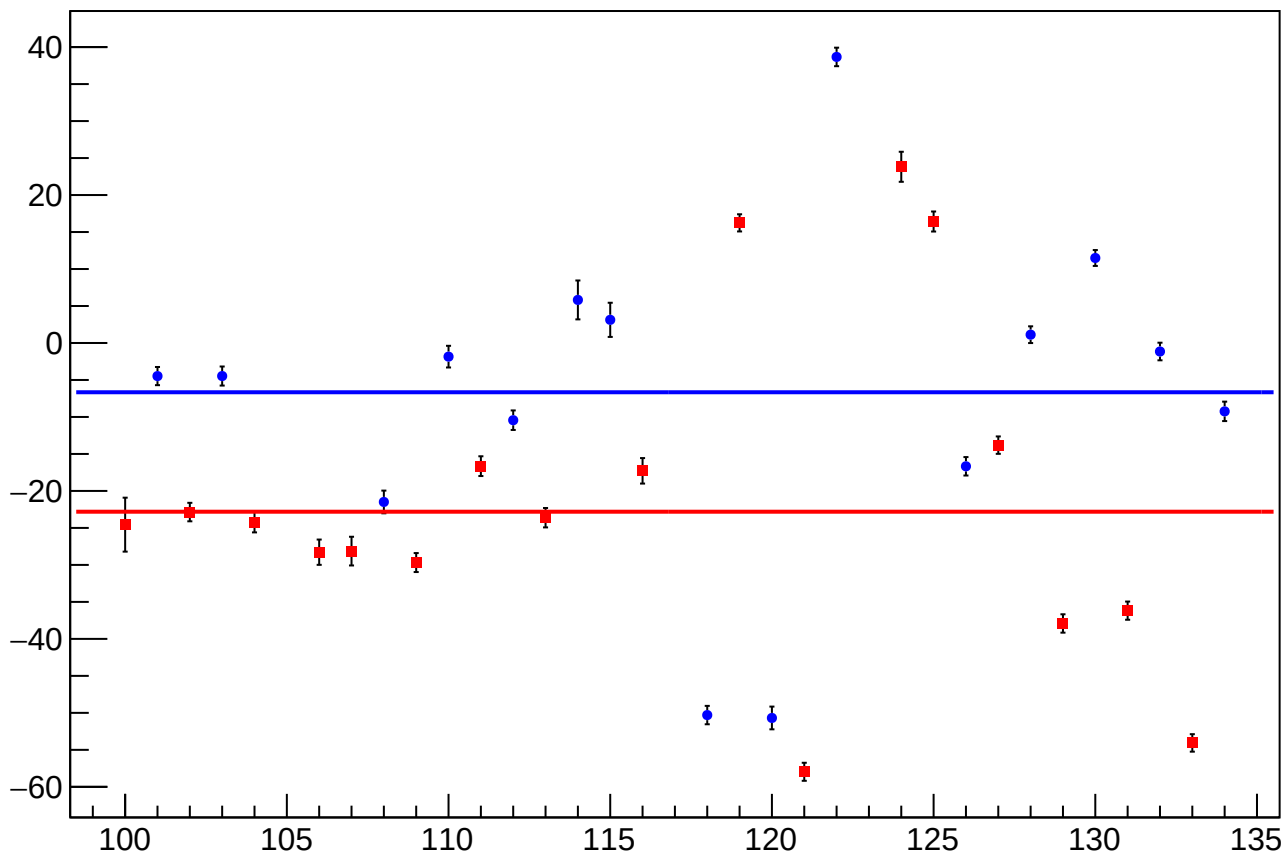
Right: 868.783+/-0.171 χ^2/NDF : 440184.3/31

In: 866.784+/-0.245 χ^2/NDF : 221737.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.783+/-0.171 χ^2/NDF : 440184.3/31

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -6.661+/-0.346 χ^2/NDF : 3945.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.808+/-0.336 χ^2/NDF : 4435.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

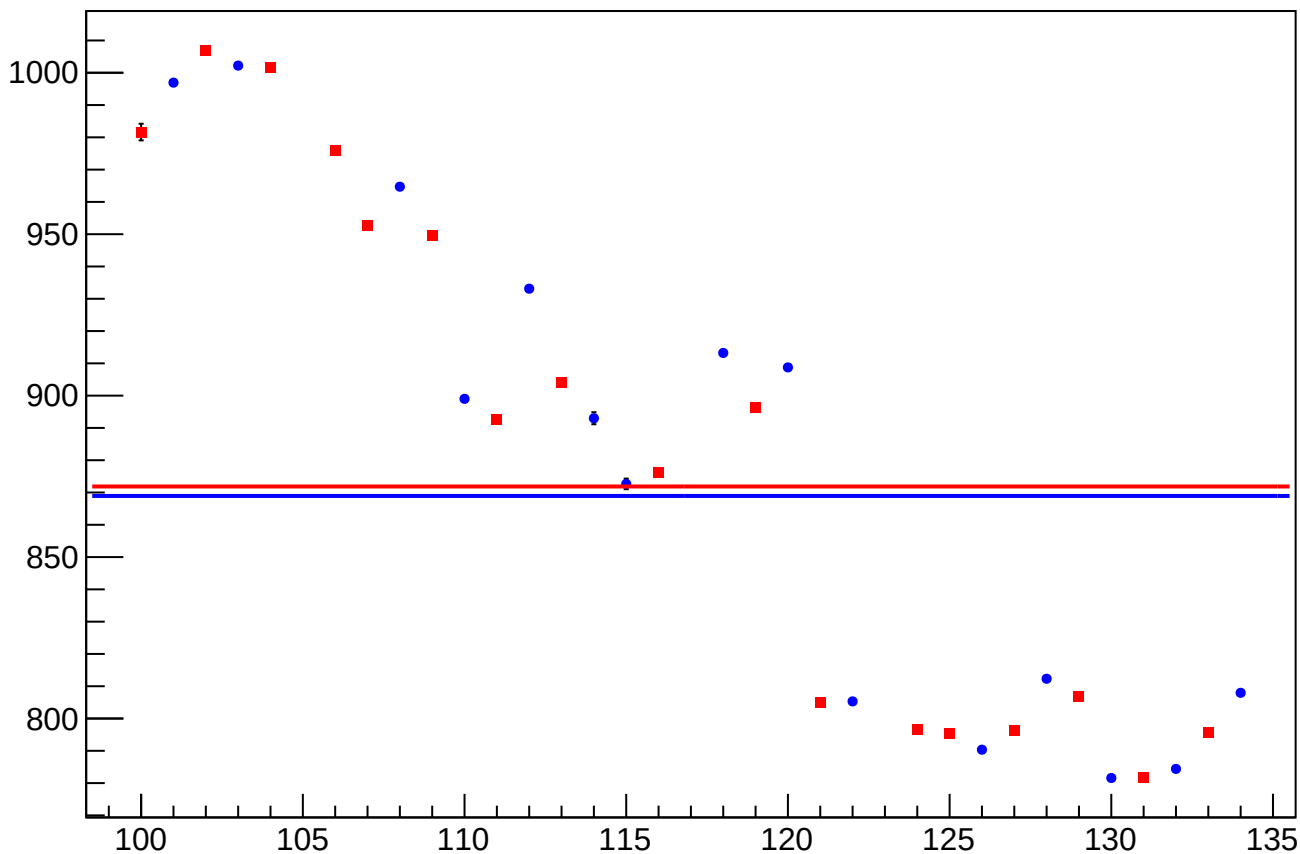
Right: -14.984+/-0.241 χ^2/NDF : 9502.5/31

In: -6.661+/-0.346 χ^2/NDF : 3945.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.984+/-0.241 χ^2/NDF : 9502.5/31

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 868.935+/-0.245 χ^2/NDF : 106278.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 871.866+/-0.237 χ^2/NDF : 111479.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

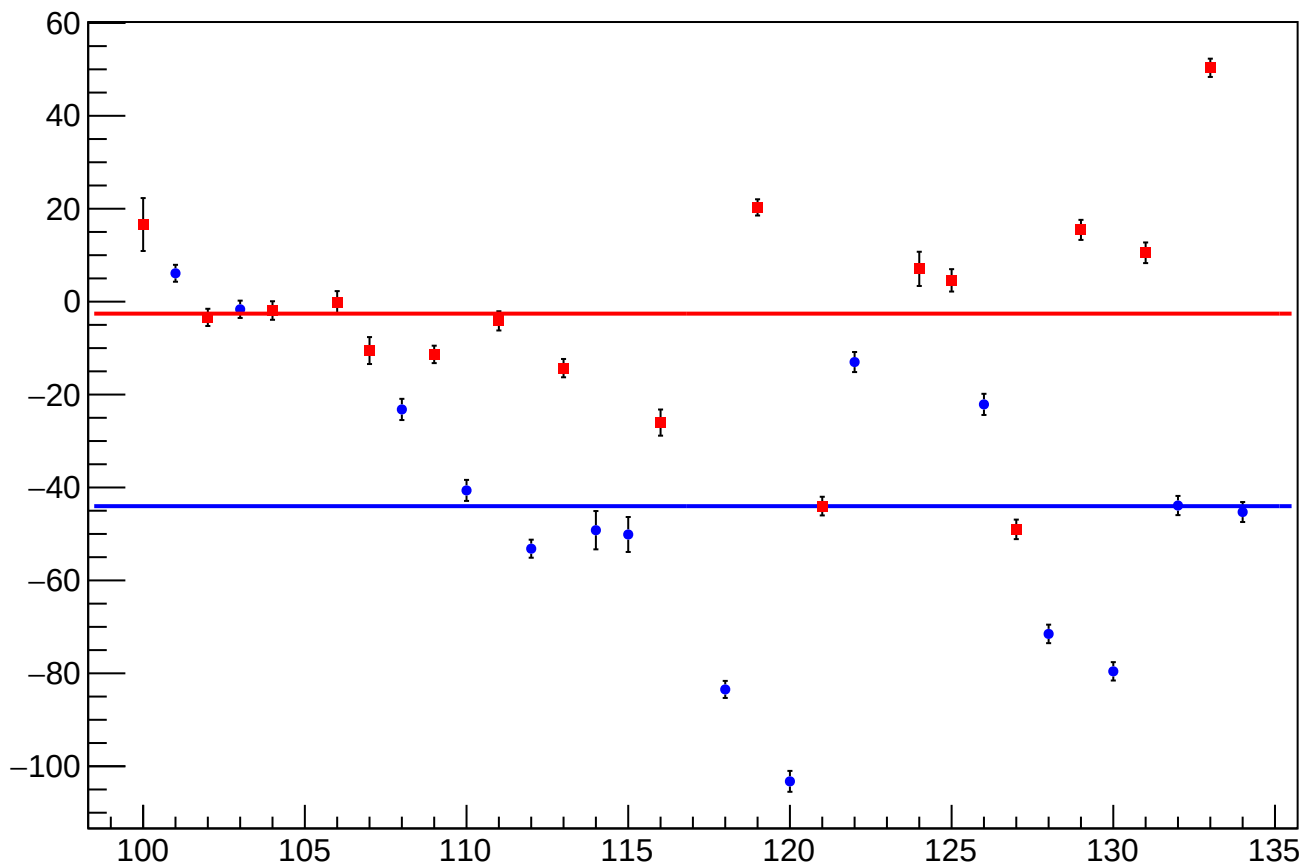
Right: 870.446+/-0.170 χ^2/NDF : 217831.9/31

In: 868.935+/-0.245 χ^2/NDF :106278.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 870.446+/-0.170 χ^2/NDF : 217831.9/31

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -44.018 $\pm$ 0.556 χ^2 /NDF: 3357.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.580 $\pm$ 0.535 χ^2 /NDF: 2076.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

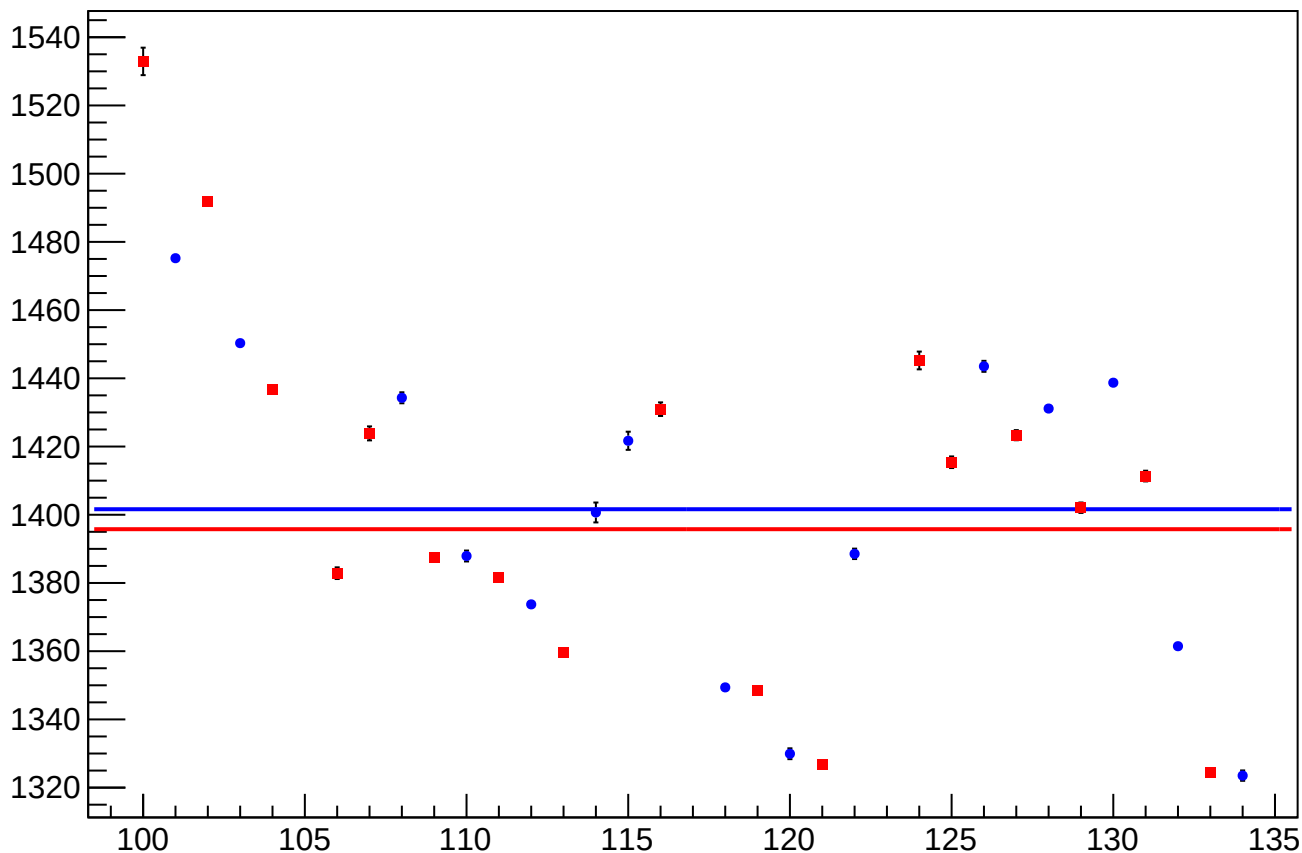
Right: -22.509 $\pm$ 0.386 χ^2 /NDF: 8315.7/31

In: -44.018 $\pm$ 0.556 χ^2 /NDF:3357.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.509 $\pm$ 0.386 χ^2 /NDF: 8315.7/31

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1401.621+/-0.393 χ^2/NDF : 14536.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.767+/-0.379 χ^2/NDF : 16161.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

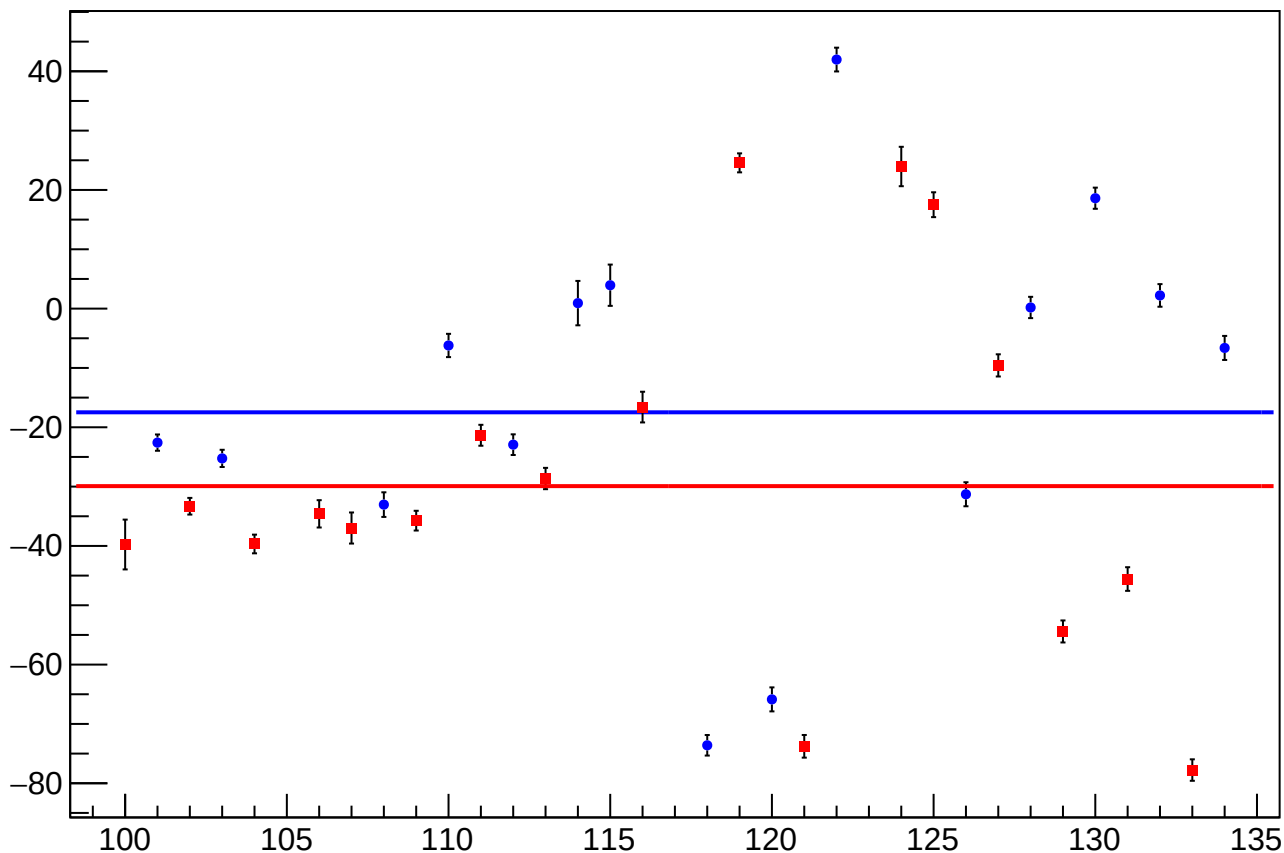
Right: 1398.582+/-0.273 χ^2/NDF : 30812.5/31

In: 1401.621+/-0.393 χ^2/NDF : 14536.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.582+/-0.273 χ^2/NDF : 30812.5/31

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -17.478 $\pm$ 0.488 χ^2 /NDF: 3395.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.919 $\pm$ 0.468 χ^2 /NDF: 3638.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

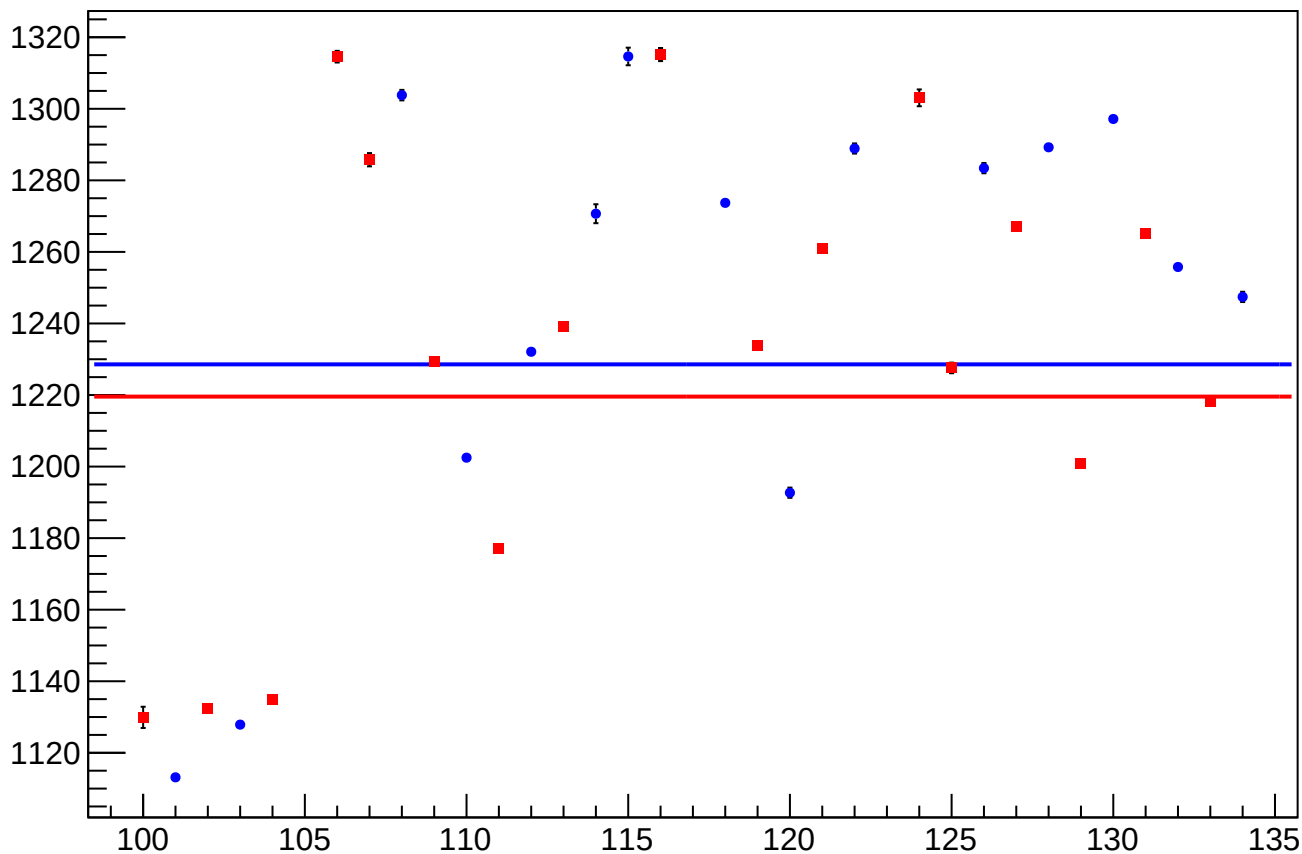
Right: -23.956 $\pm$ 0.338 χ^2 /NDF: 7372.0/31

In: -17.478 $\pm$ 0.488 χ^2 /NDF:3395.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.956 $\pm$ 0.338 χ^2 /NDF: 7372.0/31

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1228.569+/-0.345 χ^2/NDF : 39355.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1219.559+/-0.331 χ^2/NDF : 28239.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

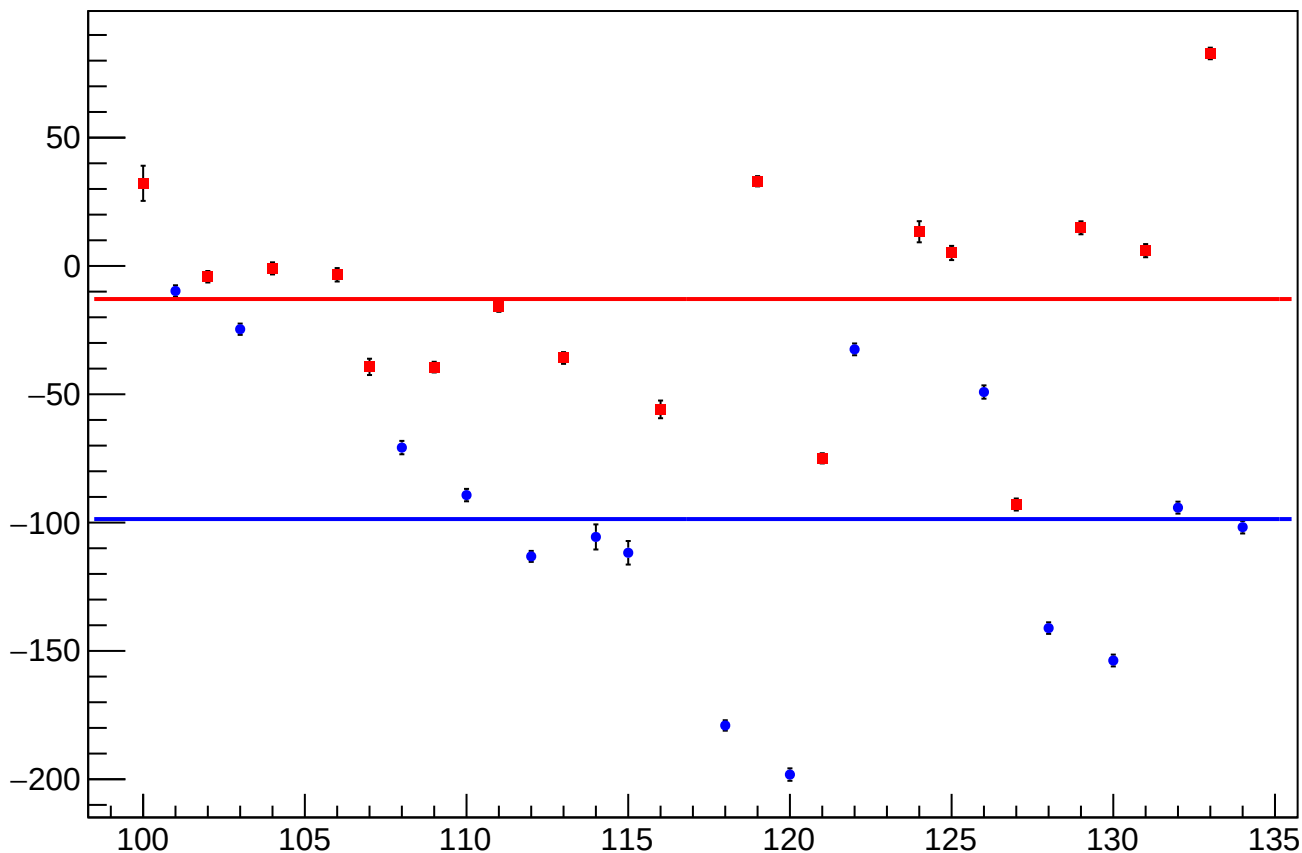
Right: 1223.878+/-0.239 χ^2/NDF : 67949.3/31

In: 1228.569+/-0.345 χ^2/NDF : 39355.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1223.878+/-0.239 χ^2/NDF : 67949.3/31

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.625 $\pm$ 0.630 χ^2/NDF : 8278.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -12.887 $\pm$ 0.603 χ^2/NDF : 5326.8/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

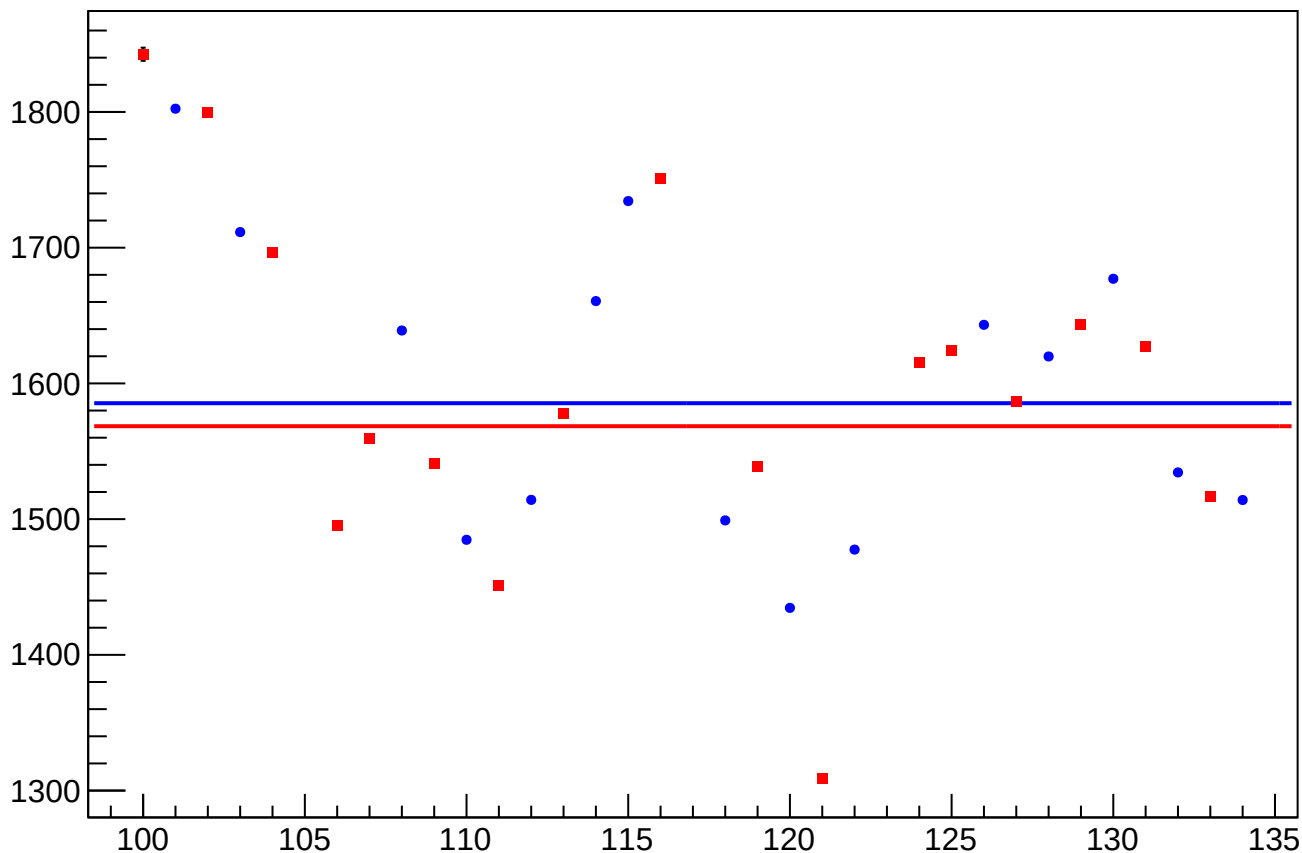
Right: -53.871 $\pm$ 0.436 χ^2/NDF : 23262.1/31

In: -98.625 $\pm$ 0.630 χ^2/NDF : 8278.0/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -53.871 $\pm$ 0.436 χ^2/NDF : 23262.1/31

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1585.419+/-0.446 χ^2/NDF : 57693.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.461+/-0.427 χ^2/NDF : 83885.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

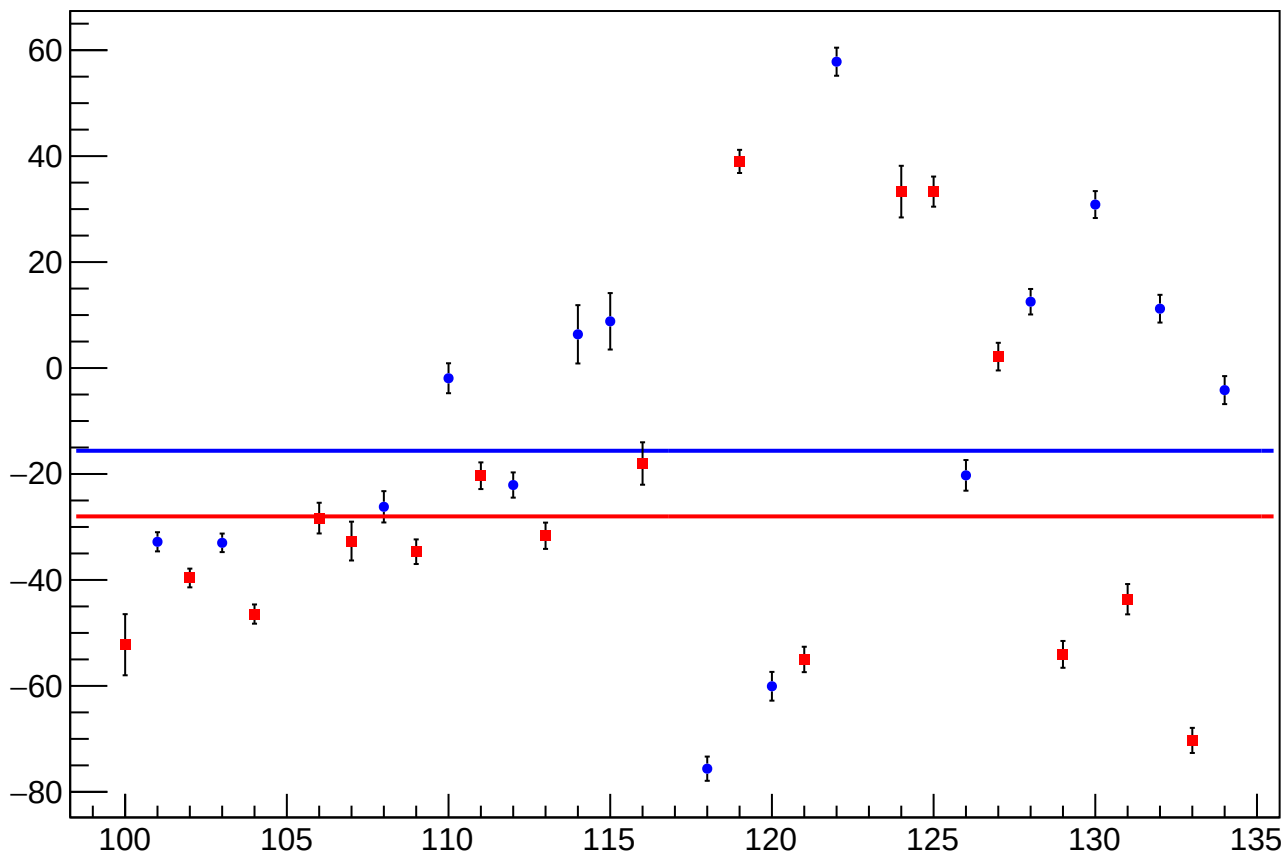
Right: 1576.567+/-0.308 χ^2/NDF : 142334.6/31

In: 1585.419+/-0.446 χ^2/NDF : 57693.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.567+/-0.308 χ^2/NDF : 142334.6/31

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -15.617 $\pm$ 0.656 χ^2 /NDF: 2591.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.005 $\pm$ 0.624 χ^2 /NDF: 2470.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

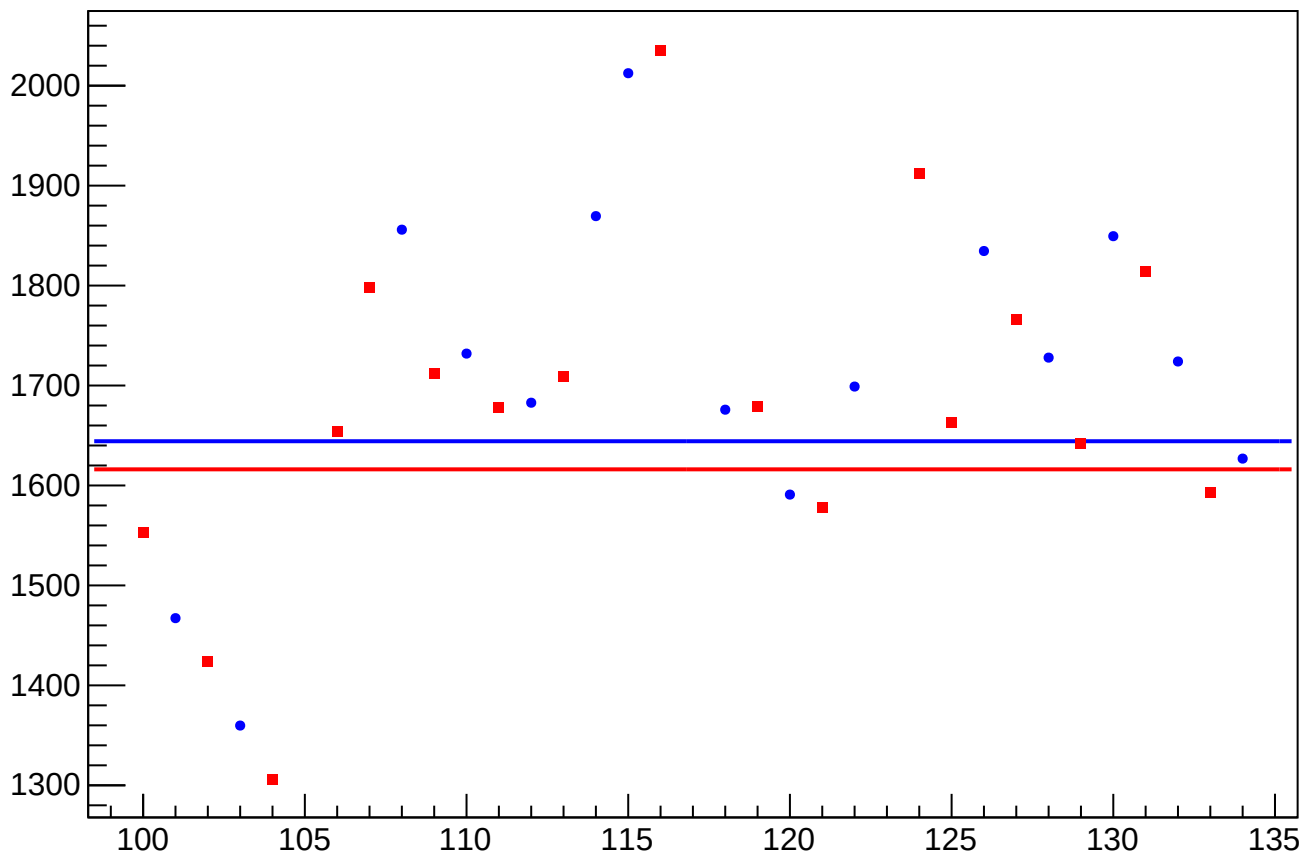
Right: -22.123 $\pm$ 0.452 χ^2 /NDF: 5249.6/31

In: -15.617 $\pm$ 0.656 χ^2 /NDF:2591.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.123 $\pm$ 0.452 χ^2 /NDF: 5249.6/31

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1644.264+/-0.464 χ^2/NDF : 125680.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1616.133+/-0.441 χ^2/NDF : 143687.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

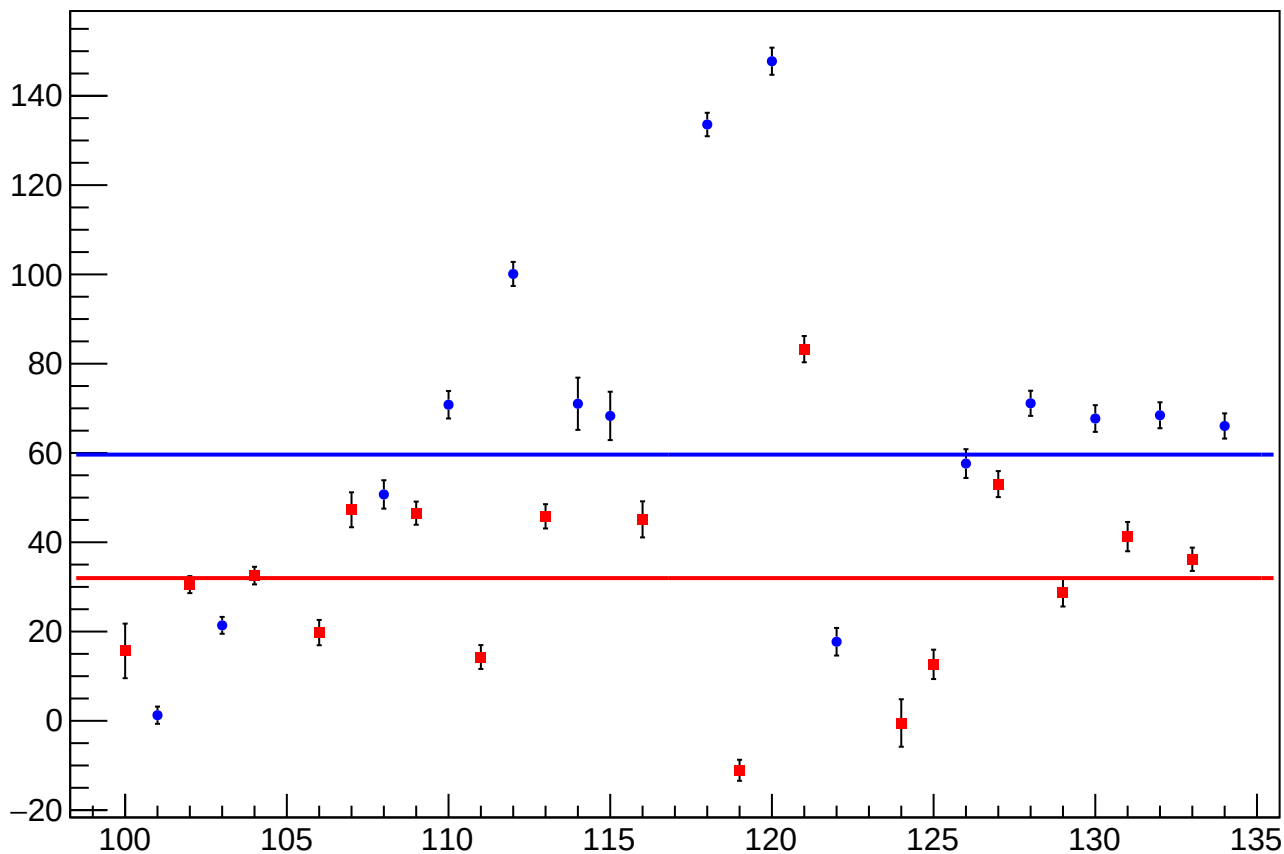
Right: 1629.490+/-0.320 χ^2/NDF : 271298.0/31

In: 1644.264+/-0.464 χ^2/NDF : 125680.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.490+/-0.320 χ^2/NDF : 271298.0/31

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.636 $\pm$ 0.728 χ^2 /NDF: 3433.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.974 $\pm$ 0.687 χ^2 /NDF: 925.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

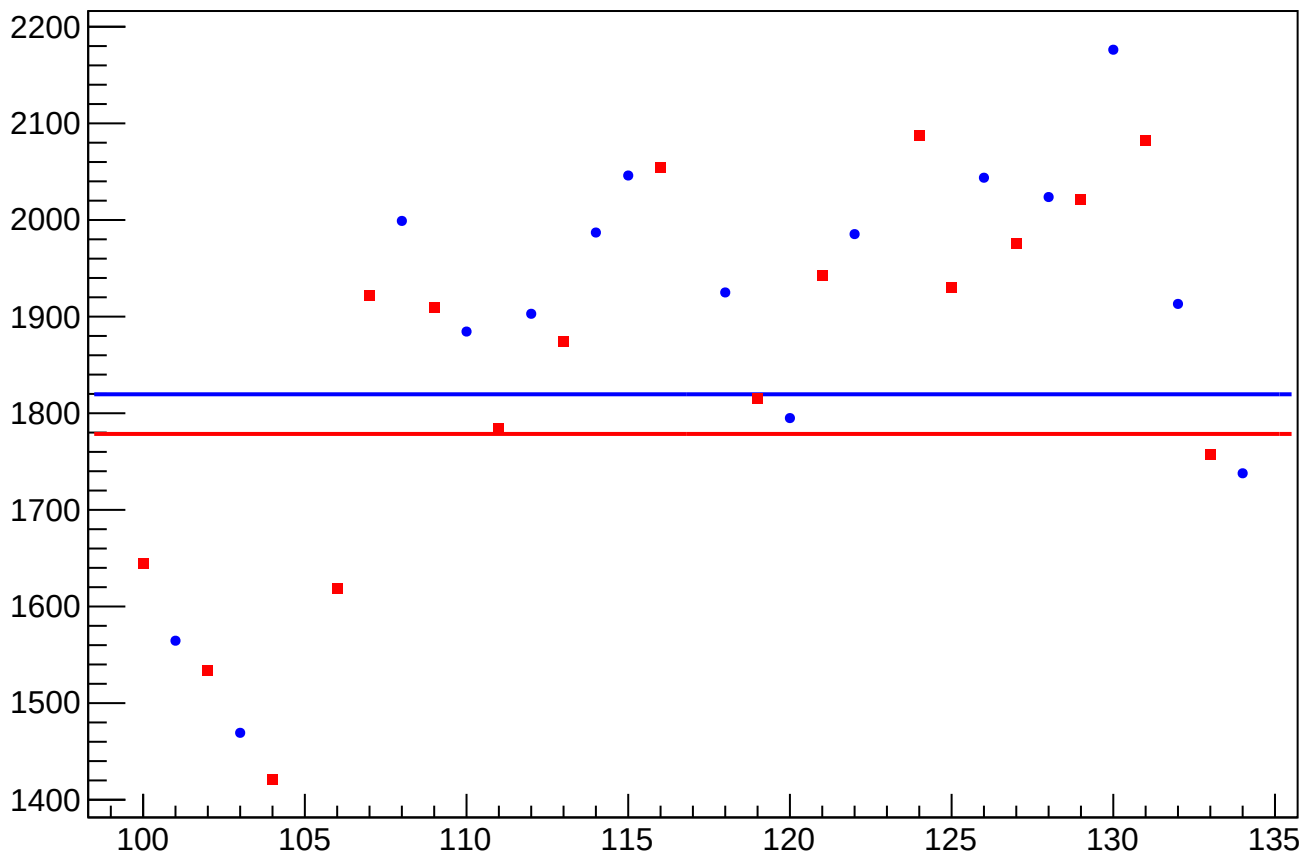
Right: 45.017 $\pm$ 0.500 χ^2 /NDF: 5123.1/31

In: 59.636 $\pm$ 0.728 χ^2 /NDF:3433.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.017 $\pm$ 0.500 χ^2 /NDF: 5123.1/31

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1819.625+/-0.514 χ^2/NDF : 179370.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1778.587+/-0.486 χ^2/NDF : 181799.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

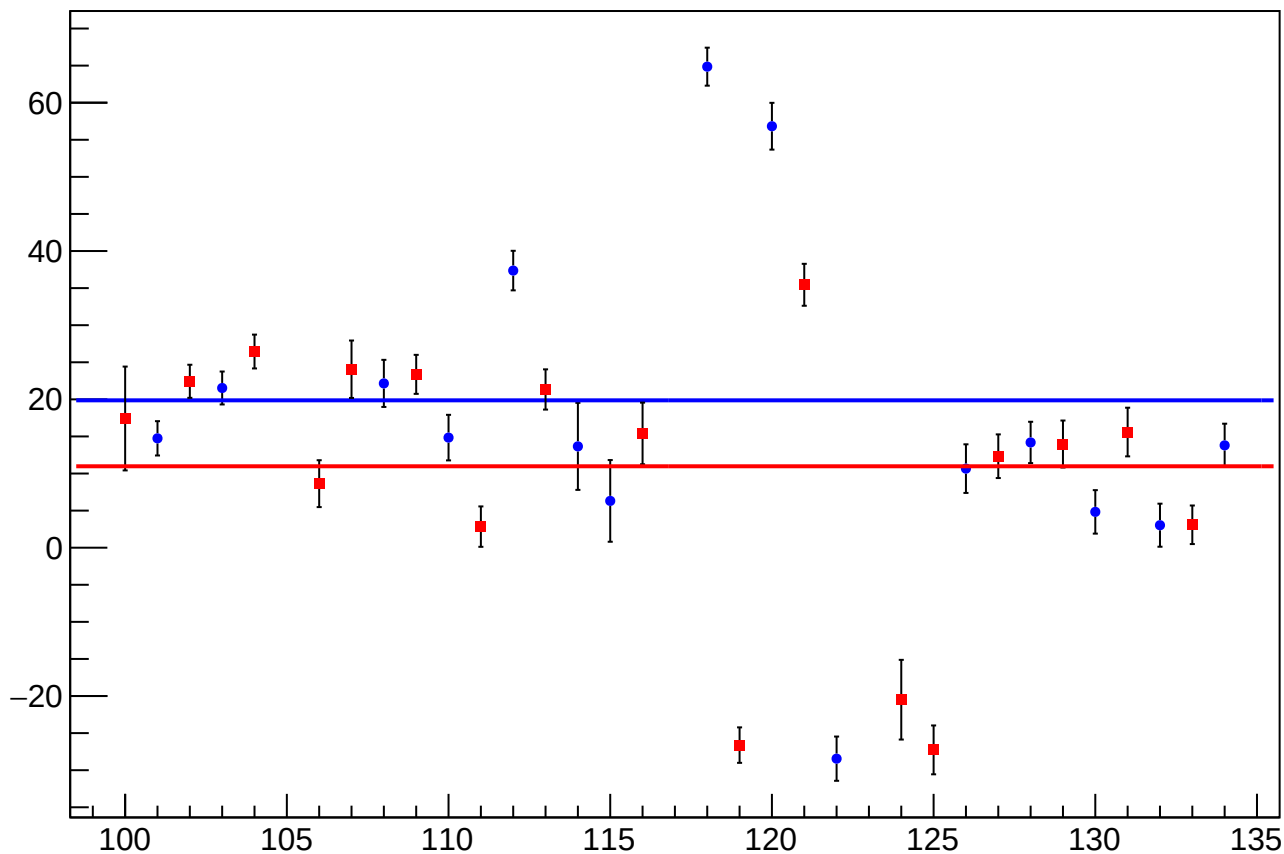
Right: 1797.937+/-0.353 χ^2/NDF : 364532.3/31

In: 1819.625+/-0.514 χ^2/NDF : 179370.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1797.937+/-0.353 χ^2/NDF : 364532.3/31

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 19.869+/-0.759 χ^2/NDF : 843.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.978+/-0.719 χ^2/NDF : 635.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

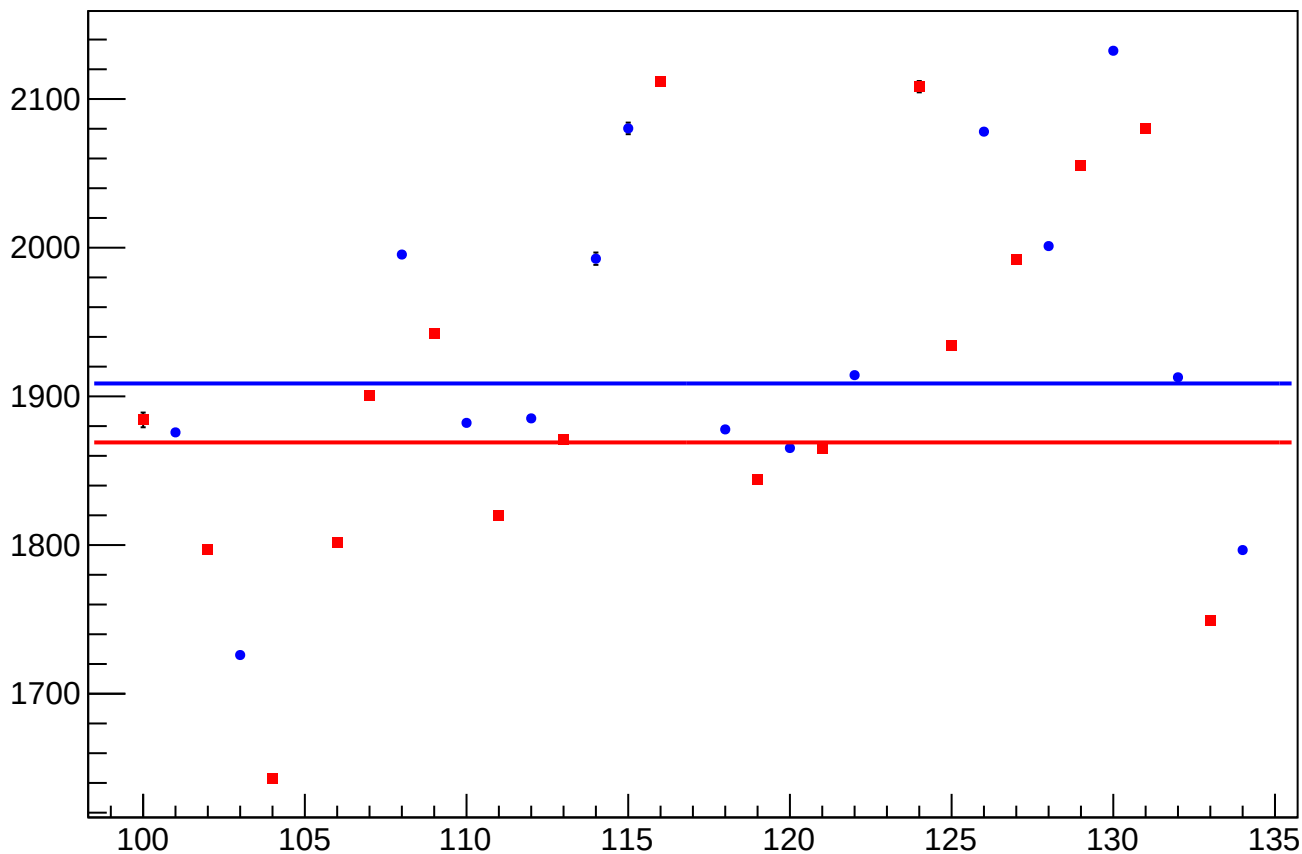
Right: 15.182+/-0.522 χ^2/NDF : 1551.0/31

In: 19.869+/-0.759 χ^2/NDF : 843.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.182+/-0.522 χ^2/NDF : 1551.0/31

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1908.680+/-0.537 χ^2/NDF : 40903.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1869.023+/-0.508 χ^2/NDF : 59695.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

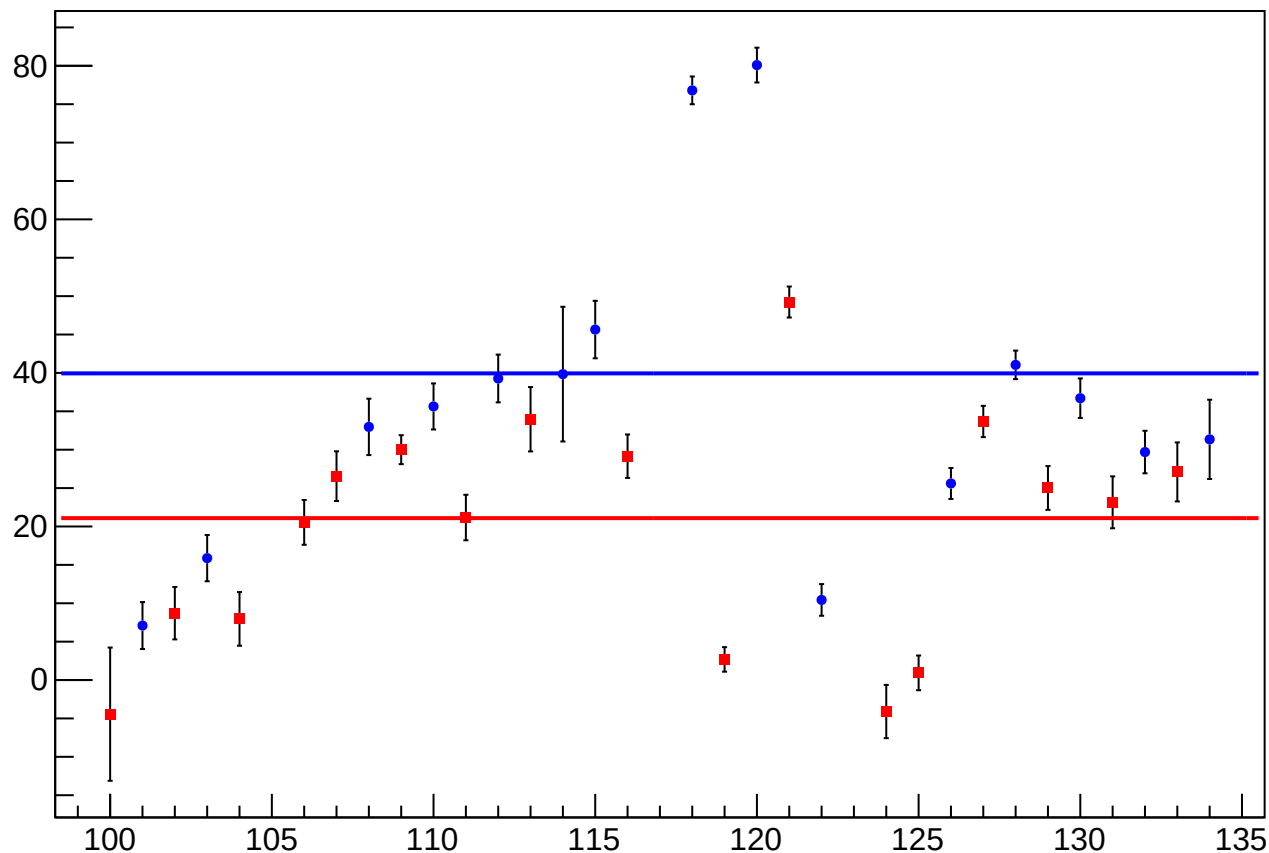
Right: 1887.774+/-0.369 χ^2/NDF : 103479.8/31

In: 1908.680+/-0.537 χ^2/NDF : 40903.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.774+/-0.369 χ^2/NDF : 103479.8/31

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 39.940+/-0.677 χ^2/NDF : 1190.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.087+/-0.645 χ^2/NDF : 581.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

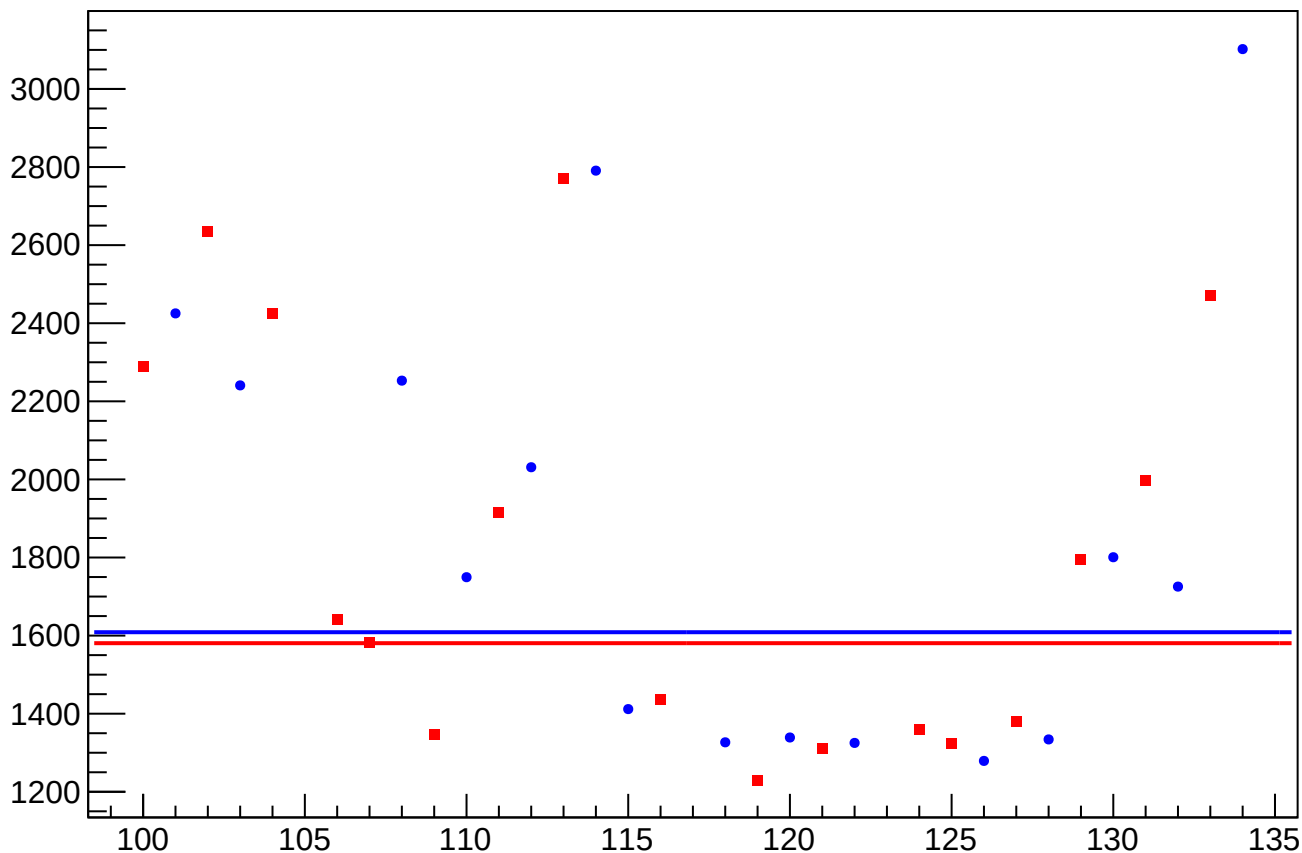
Right: 30.050+/-0.467 χ^2/NDF : 2178.0/31

In: 39.940+/-0.677 χ^2/NDF : 1190.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.050+/-0.467 χ^2/NDF : 2178.0/31

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1608.673+/-0.479 χ^2/NDF : 769260.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.586+/-0.456 χ^2/NDF : 880635.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

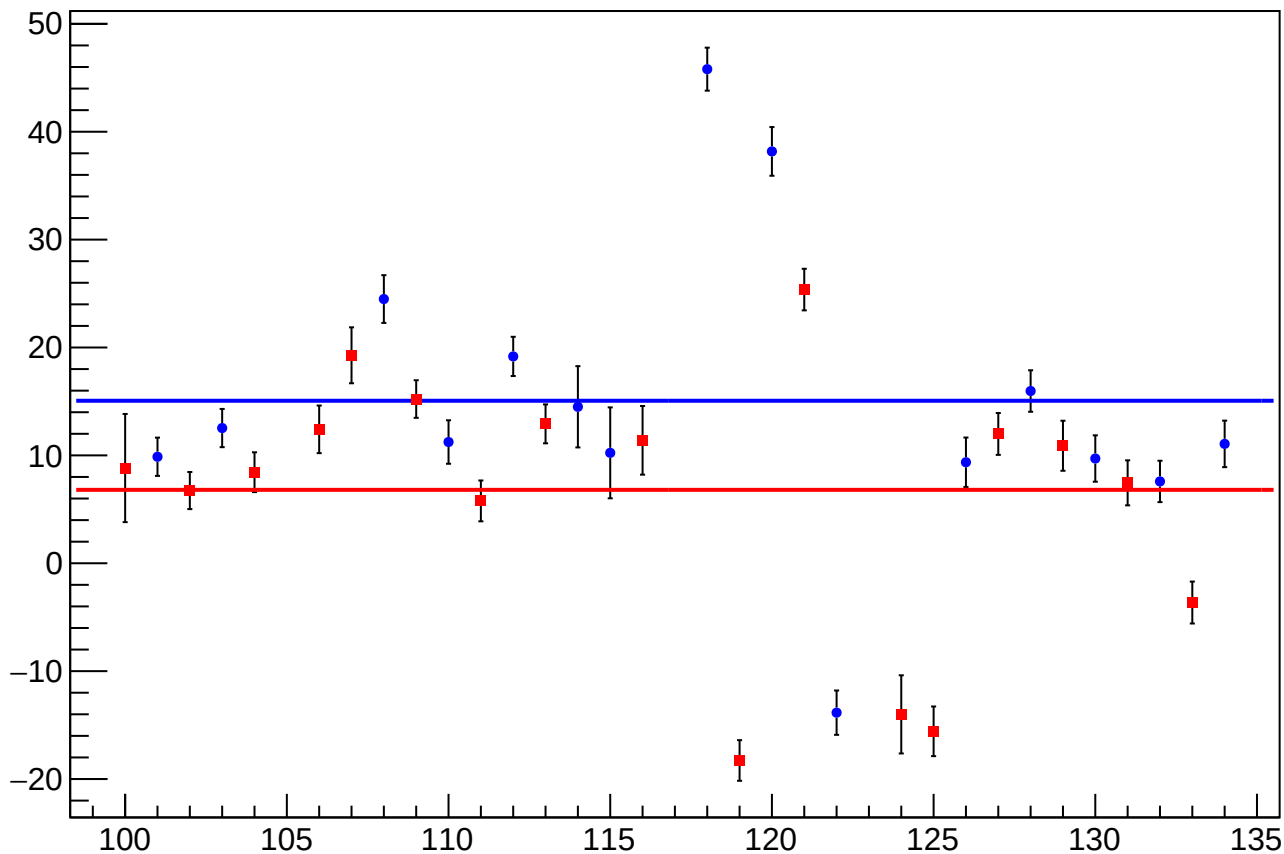
Right: 1593.938+/-0.330 χ^2/NDF : 1651701.2/31

In: 1608.673+/-0.479 χ^2/NDF : 769260.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.938+/-0.330 χ^2/NDF : 1651701.2/31

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 15.064+/-0.545 χ^2/NDF : 610.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.805+/-0.513 χ^2/NDF : 504.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

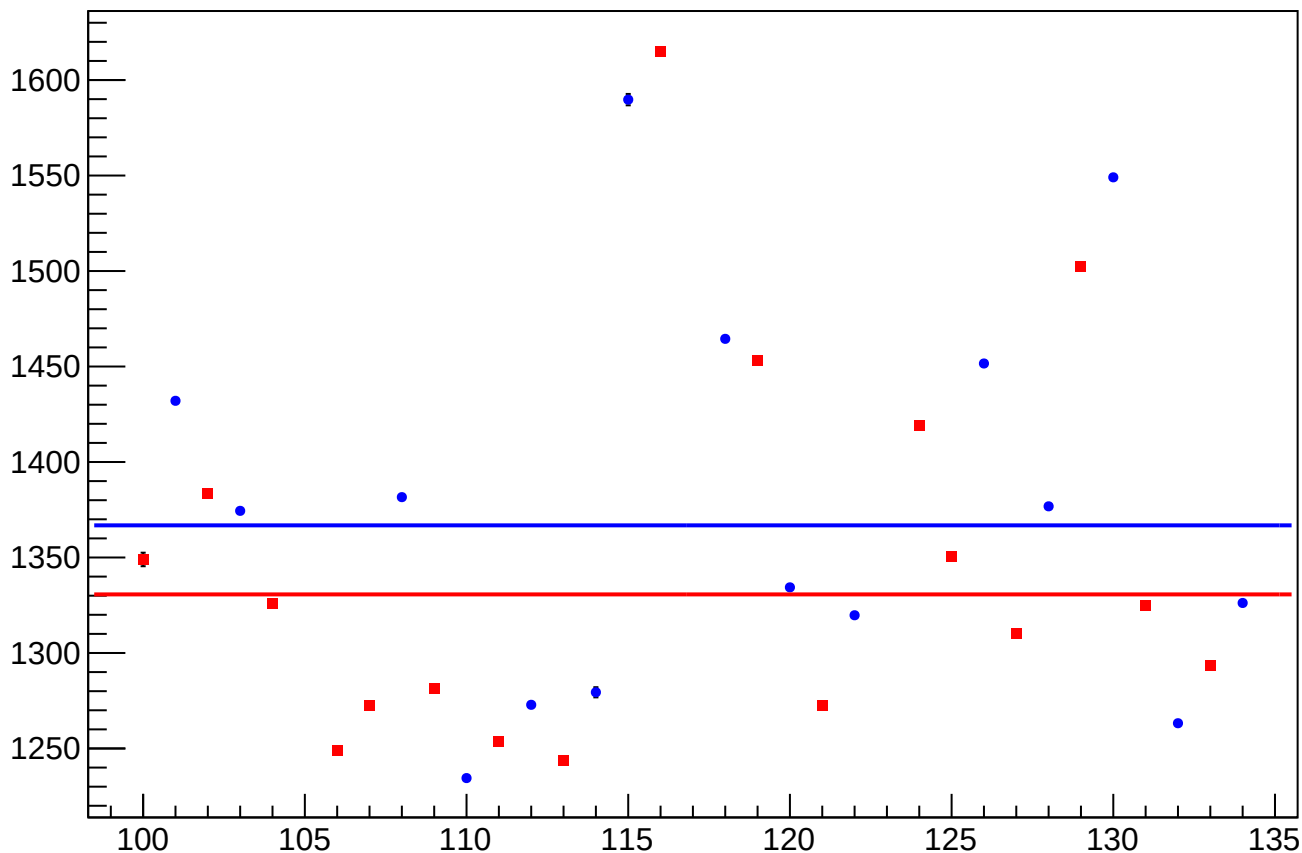
Right: 10.683+/-0.373 χ^2/NDF : 1237.3/31

In: 15.064+/-0.545 χ^2/NDF : 610.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.683+/-0.373 χ^2/NDF : 1237.3/31

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1366.833+/-0.385 χ^2/NDF : 53448.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1330.676+/-0.363 χ^2/NDF : 54762.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

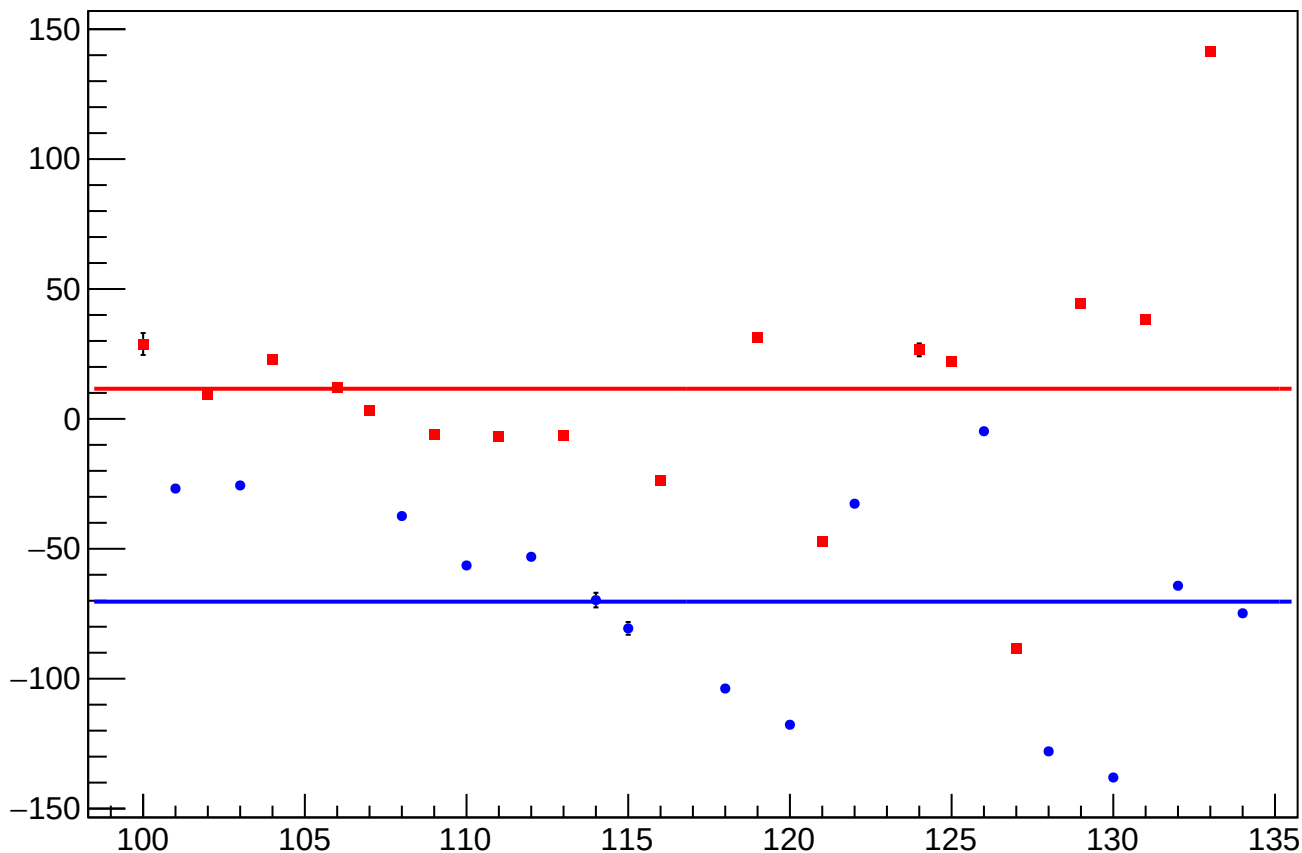
Right: 1347.652+/-0.264 χ^2/NDF : 112879.1/31

In: 1366.833+/-0.385 χ^2/NDF :53448.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1347.652+/-0.264 χ^2/NDF : 112879.1/31

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -70.343+/-0.373 χ^2/NDF : 11932.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.606+/-0.362 χ^2/NDF : 18867.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

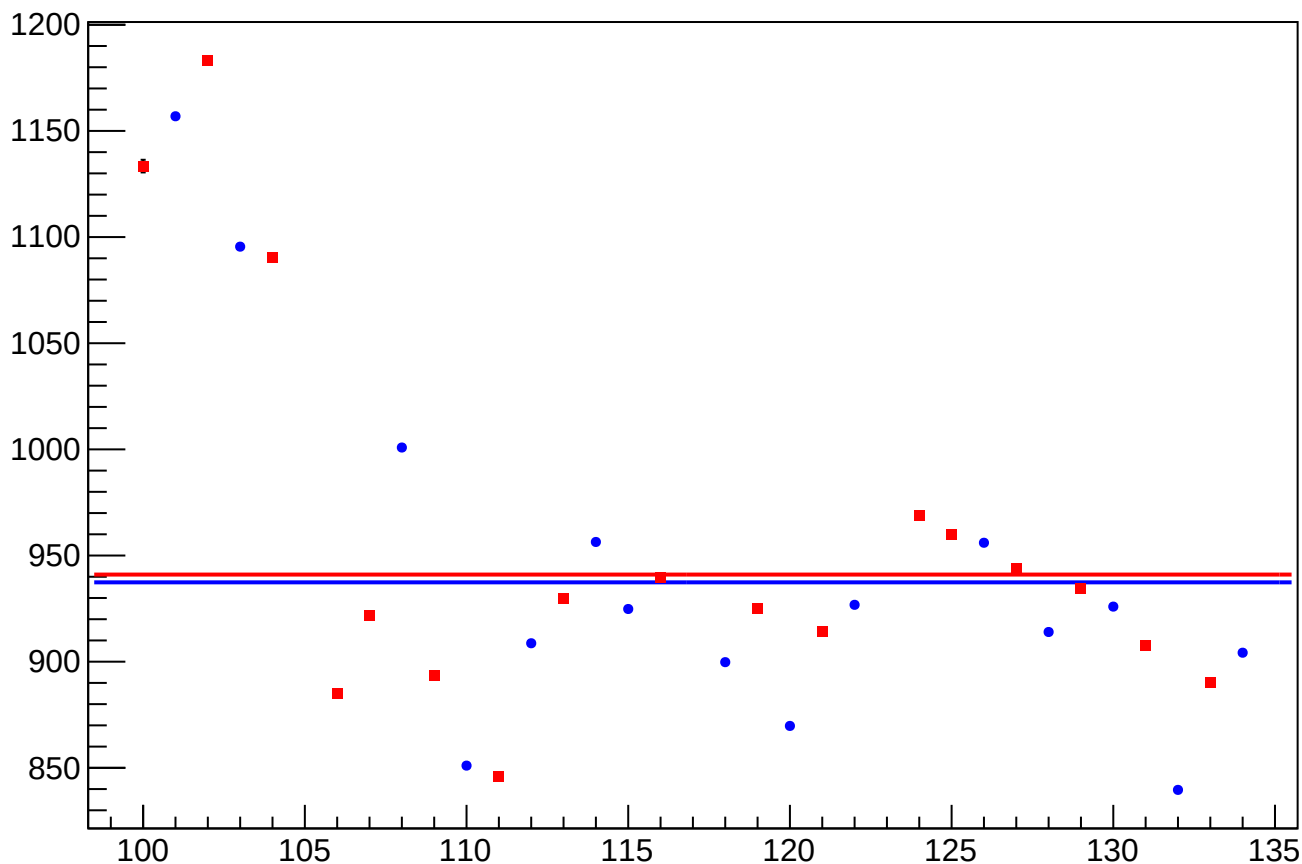
Right: -28.114+/-0.260 χ^2/NDF : 55614.2/31

In: -70.343+/-0.373 χ^2/NDF : 11932.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.114+/-0.260 χ^2/NDF : 55614.2/31

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.367 $\pm$ 0.264 χ^2 /NDF: 104652.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 941.030 $\pm$ 0.256 χ^2 /NDF: 100998.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

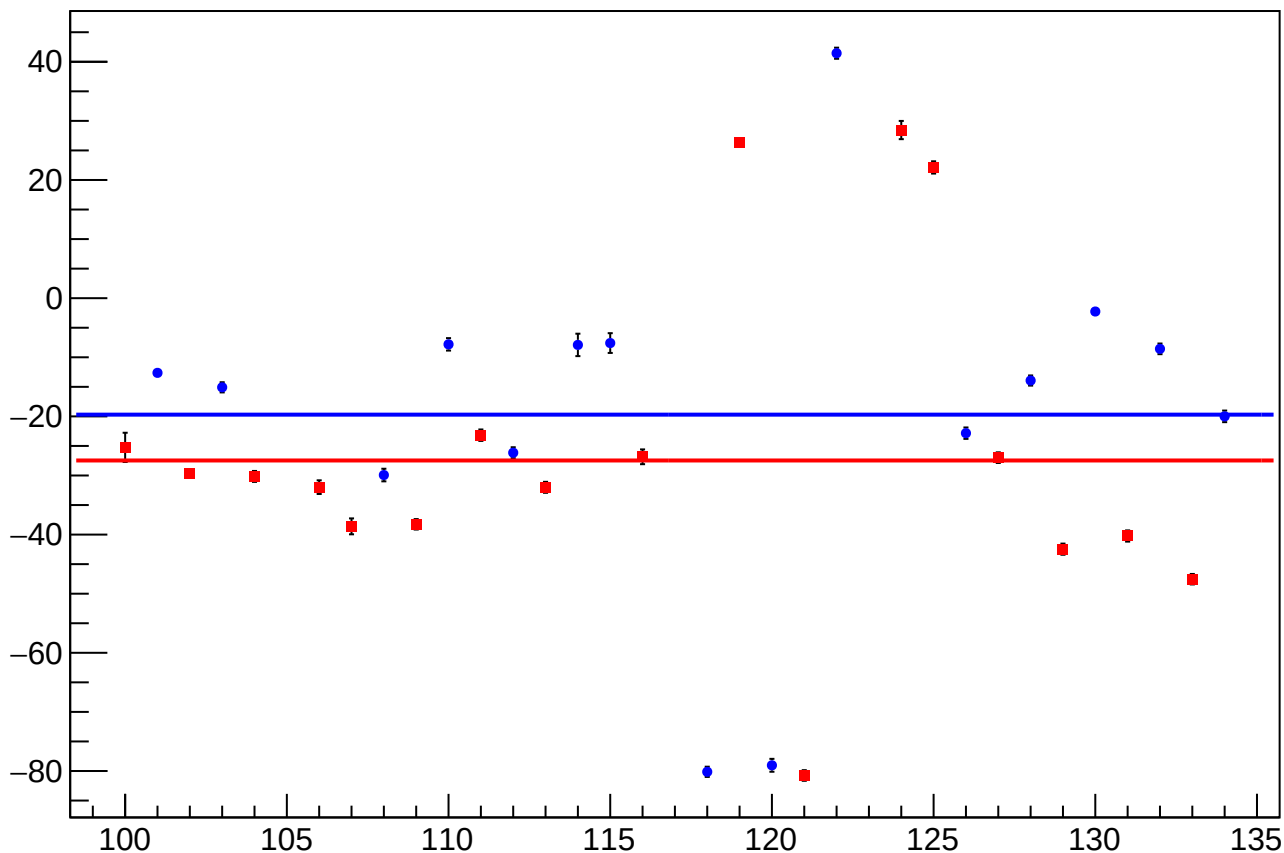
Right: 939.255 $\pm$ 0.184 χ^2 /NDF: 205749.8/31

In: 937.367 $\pm$ 0.264 χ^2 /NDF:104652.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 939.255 $\pm$ 0.184 χ^2 /NDF: 205749.8/31

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -19.705+/-0.251 χ^2/NDF : 13168.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.459+/-0.242 χ^2/NDF : 12742.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

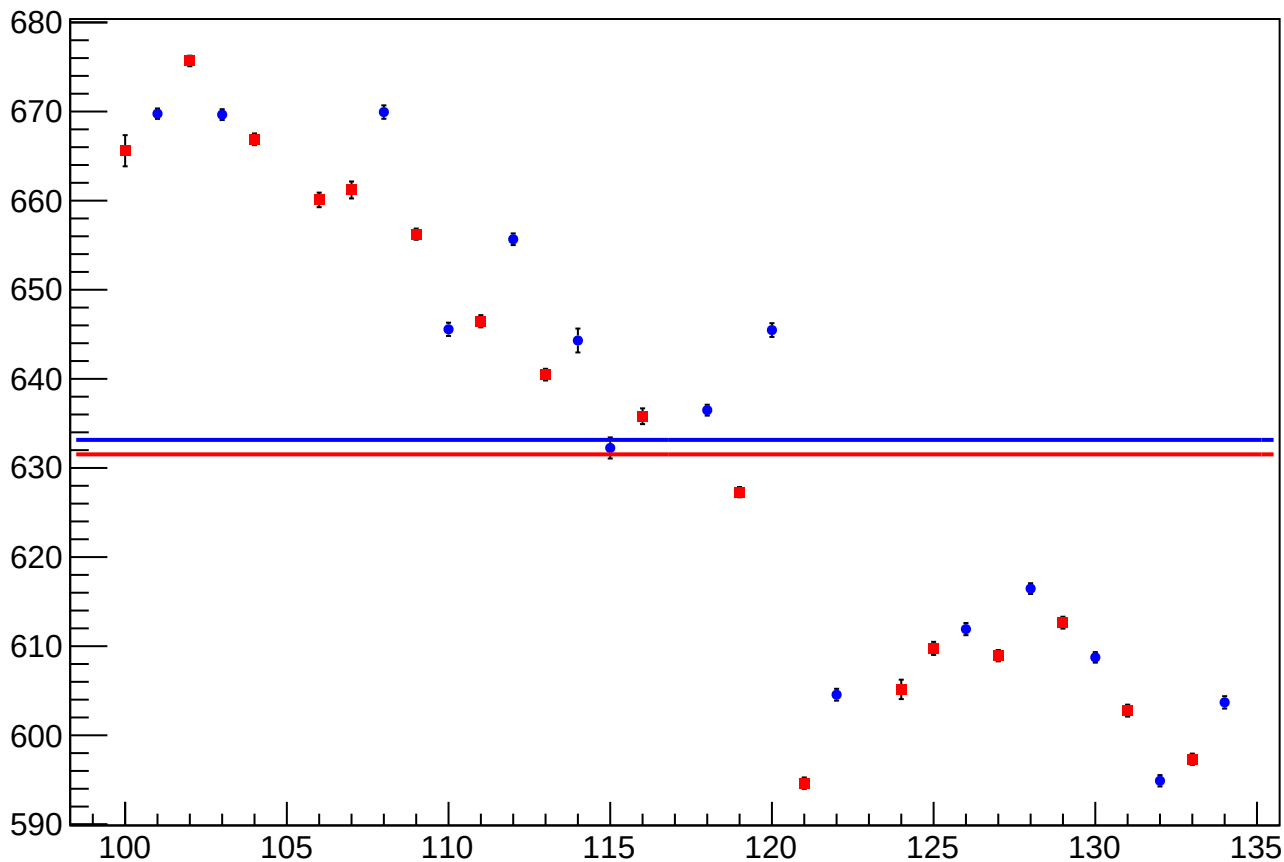
Right: -23.724+/-0.174 χ^2/NDF : 26404.6/31

In: -19.705+/-0.251 χ^2/NDF : 13168.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.724+/-0.174 χ^2/NDF : 26404.6/31

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 633.152 $\pm$ 0.178 χ^2 /NDF: 22402.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 631.527 $\pm$ 0.171 χ^2 /NDF: 25040.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

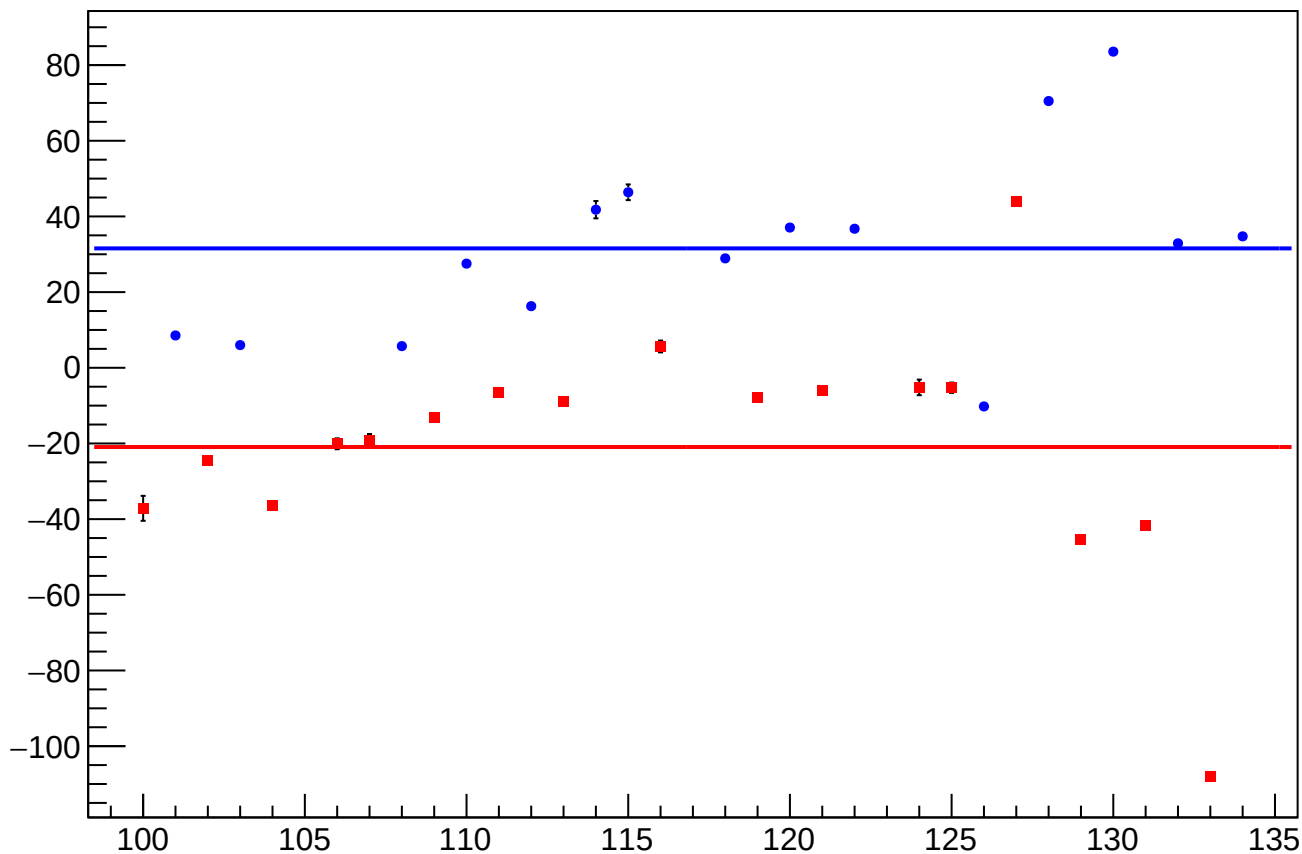
Right: 632.310 $\pm$ 0.123 χ^2 /NDF: 47486.0/31

In: 633.152 $\pm$ 0.178 χ^2 /NDF:22402.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 632.310 $\pm$ 0.123 χ^2 /NDF: 47486.0/31

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 31.557+/-0.311 χ^2/NDF : 6539.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.942+/-0.302 χ^2/NDF : 11760.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

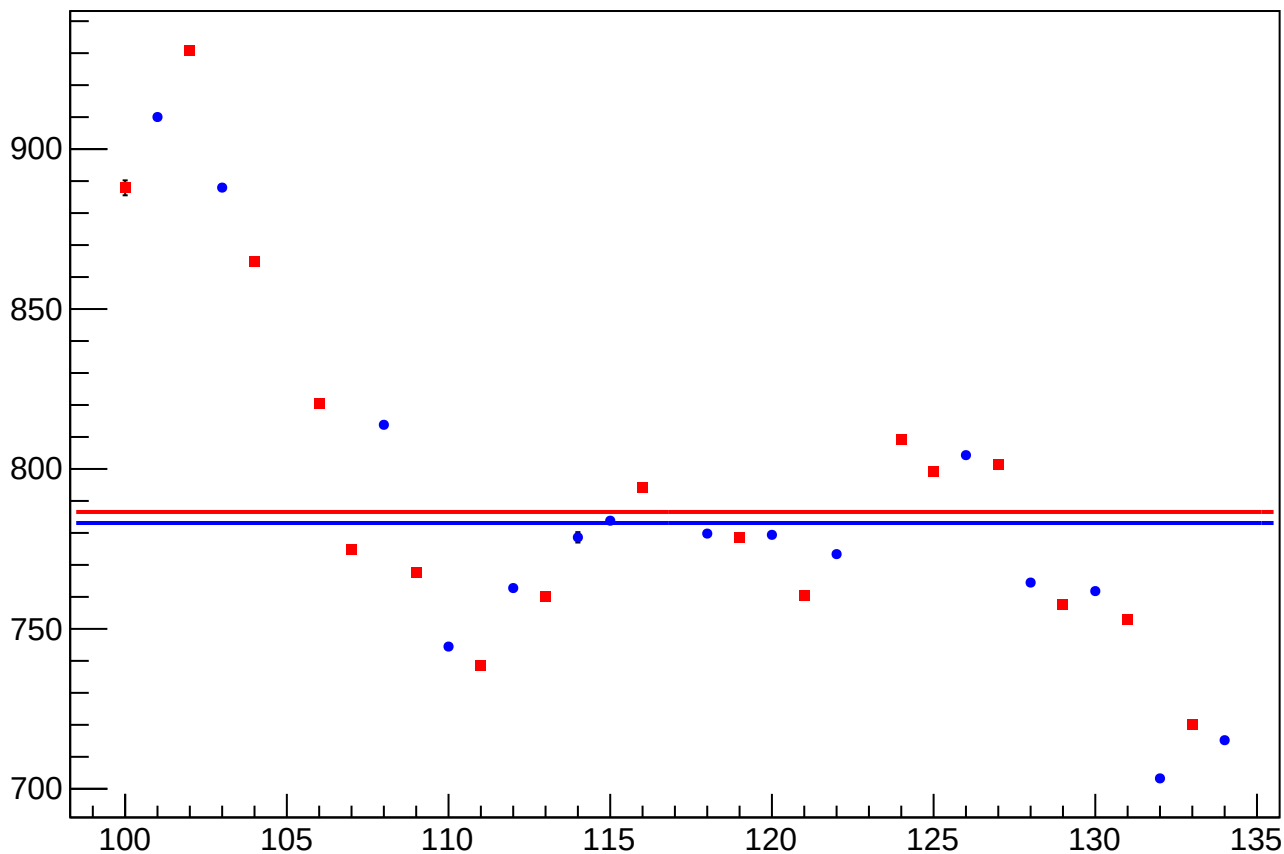
Right: 4.517+/-0.217 χ^2/NDF : 32933.6/31

In: 31.557+/-0.311 χ^2/NDF : 6539.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.517+/-0.217 χ^2/NDF : 32933.6/31

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 783.105+/-0.220 χ^2/NDF : 66478.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.551+/-0.214 χ^2/NDF : 60872.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

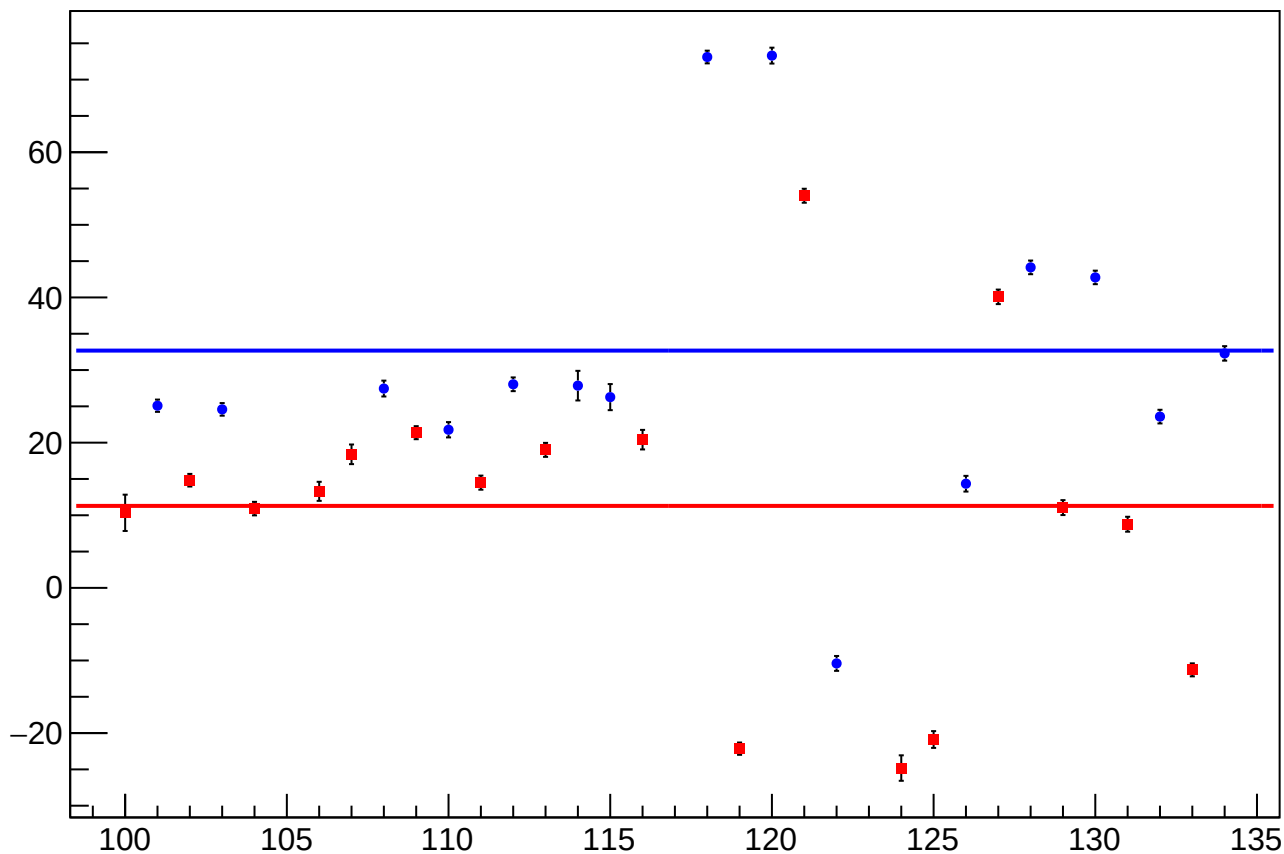
Right: 784.880+/-0.153 χ^2/NDF : 127476.8/31

In: 783.105+/-0.220 χ^2/NDF : 66478.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.880+/-0.153 χ^2/NDF : 127476.8/31

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.679+/-0.263 χ^2/NDF : 6257.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.290+/-0.255 χ^2/NDF : 6486.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

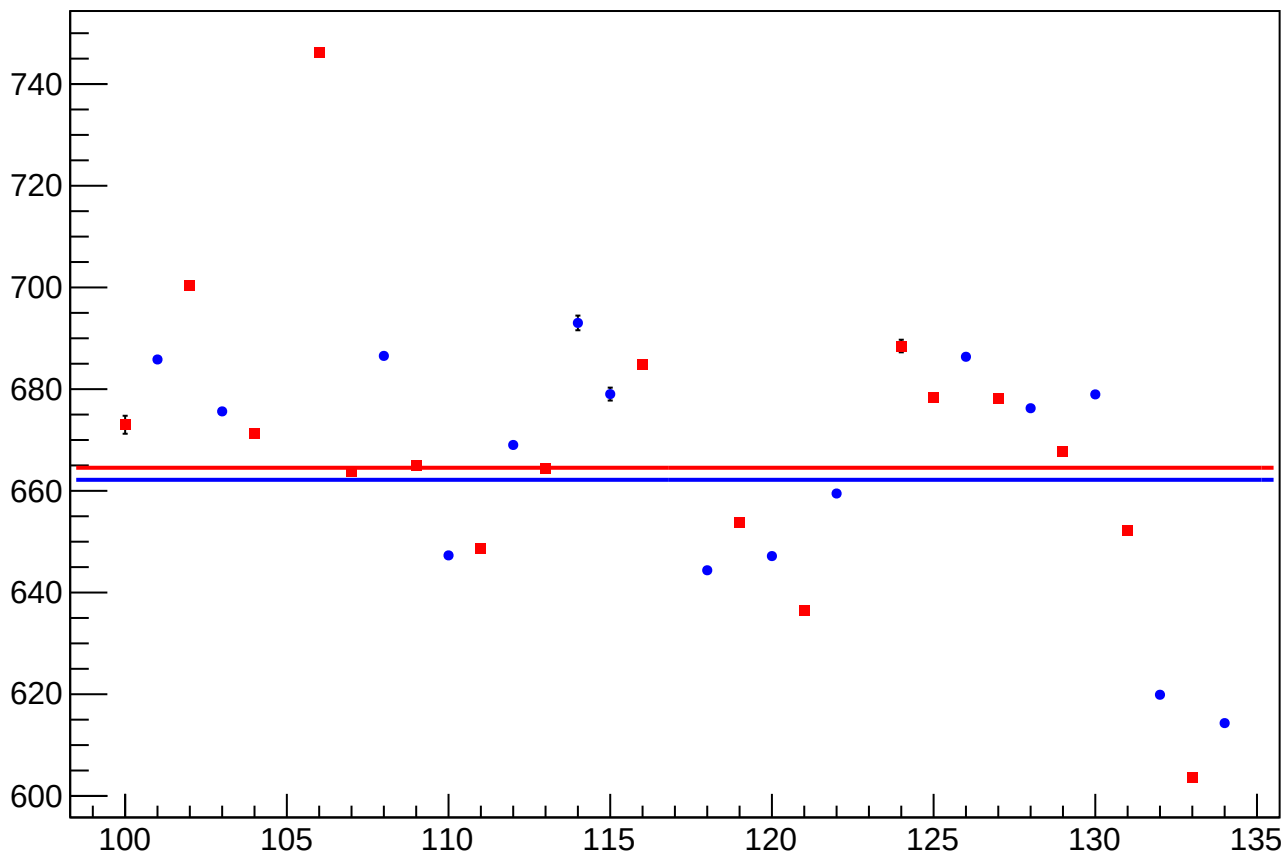
Right: 21.664+/-0.183 χ^2/NDF : 16155.5/31

In: 32.679+/-0.263 χ^2/NDF : 6257.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.664+/-0.183 χ^2/NDF : 16155.5/31

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 662.170+/-0.186 χ^2/NDF : 16122.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.541+/-0.180 χ^2/NDF : 24871.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

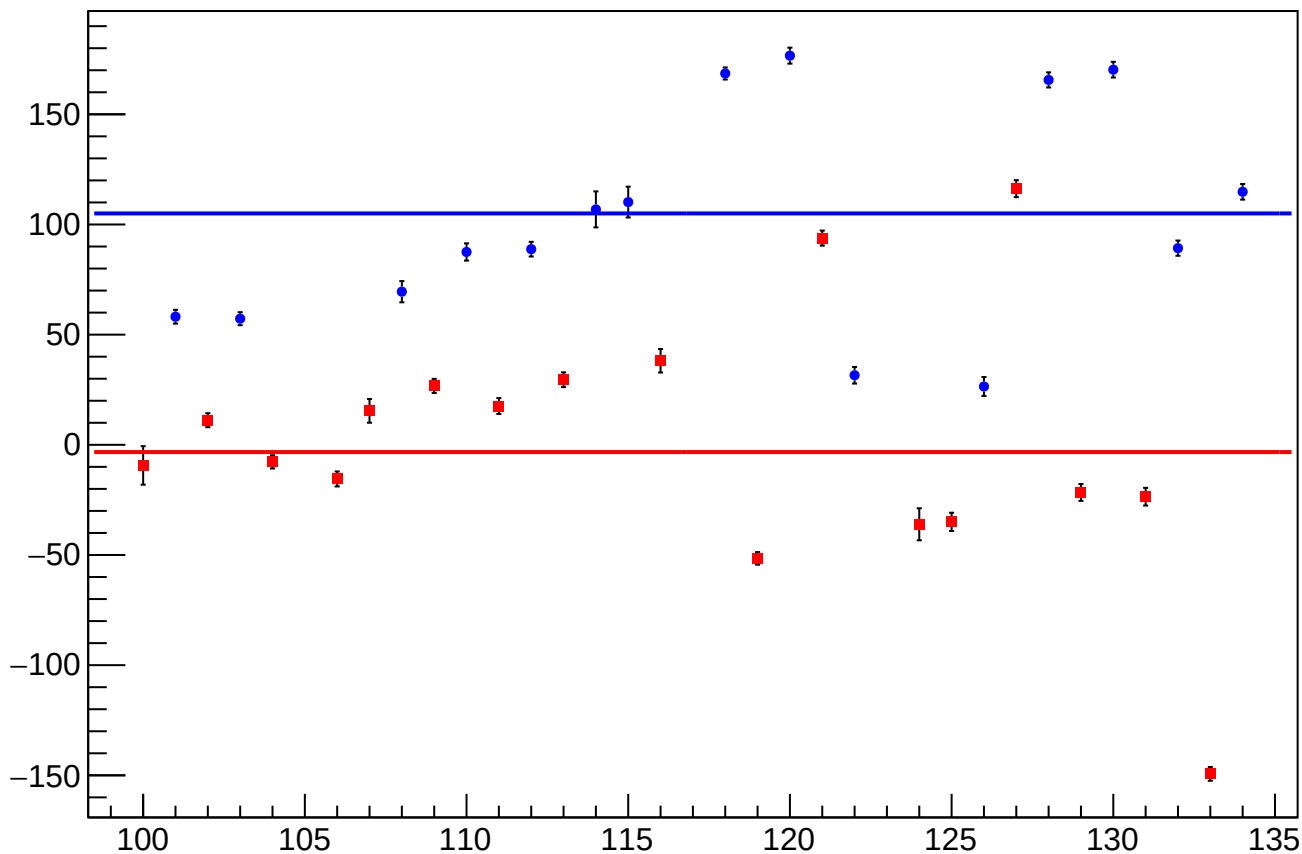
Right: 663.391+/-0.129 χ^2/NDF : 41077.6/31

In: 662.170+/-0.186 χ^2/NDF : 16122.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.391+/-0.129 χ^2/NDF : 41077.6/31

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 105.011 $\pm$ 0.949 χ^2 /NDF: 2900.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.286 $\pm$ 0.903 χ^2 /NDF: 4677.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

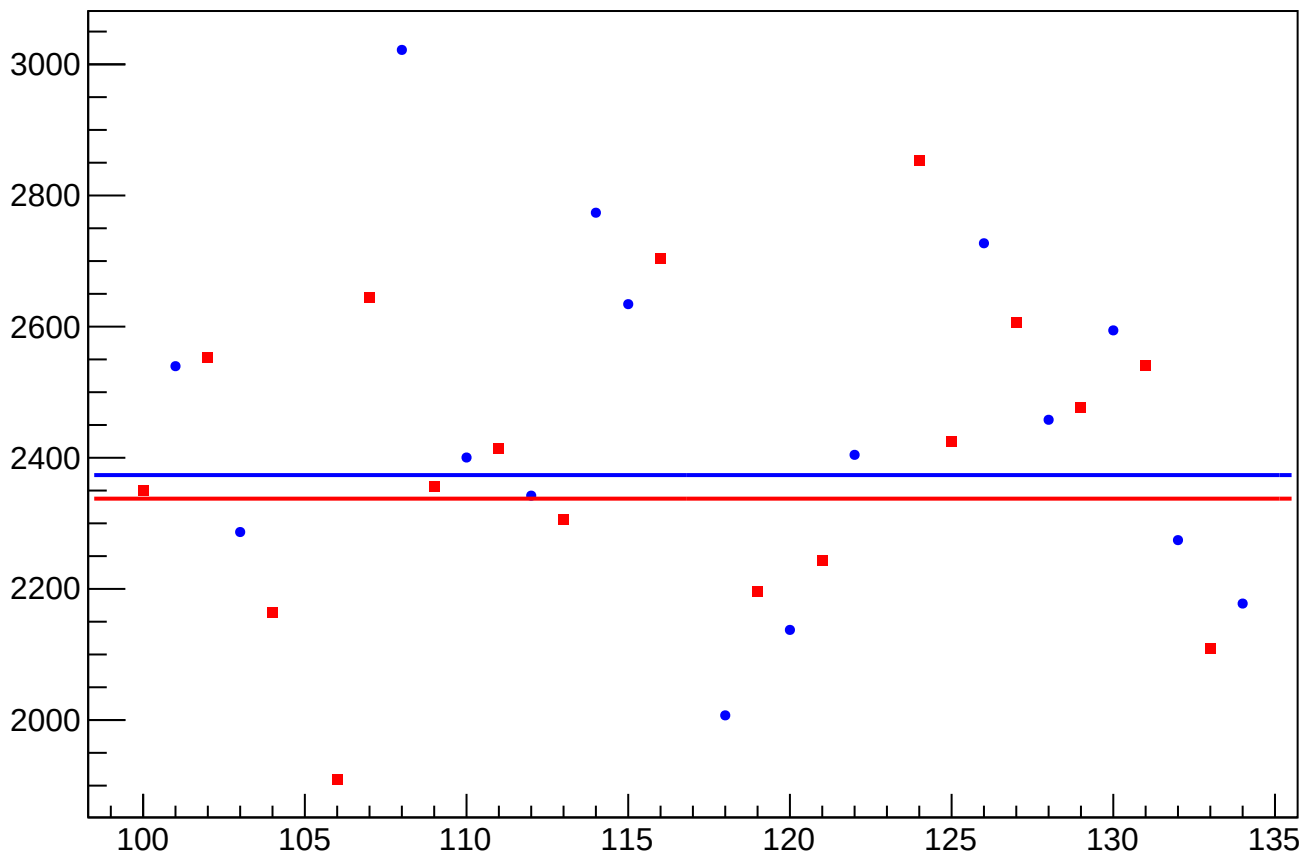
Right: 48.206 $\pm$ 0.654 χ^2 /NDF: 14415.6/31

In: 105.011 $\pm$ 0.949 χ^2 /NDF:2900.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.206 $\pm$ 0.654 χ^2 /NDF: 14415.6/31

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2373.596 $\pm$ 0.671 χ^2 /NDF: 126150.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2337.661 $\pm$ 0.639 χ^2 /NDF: 110056.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

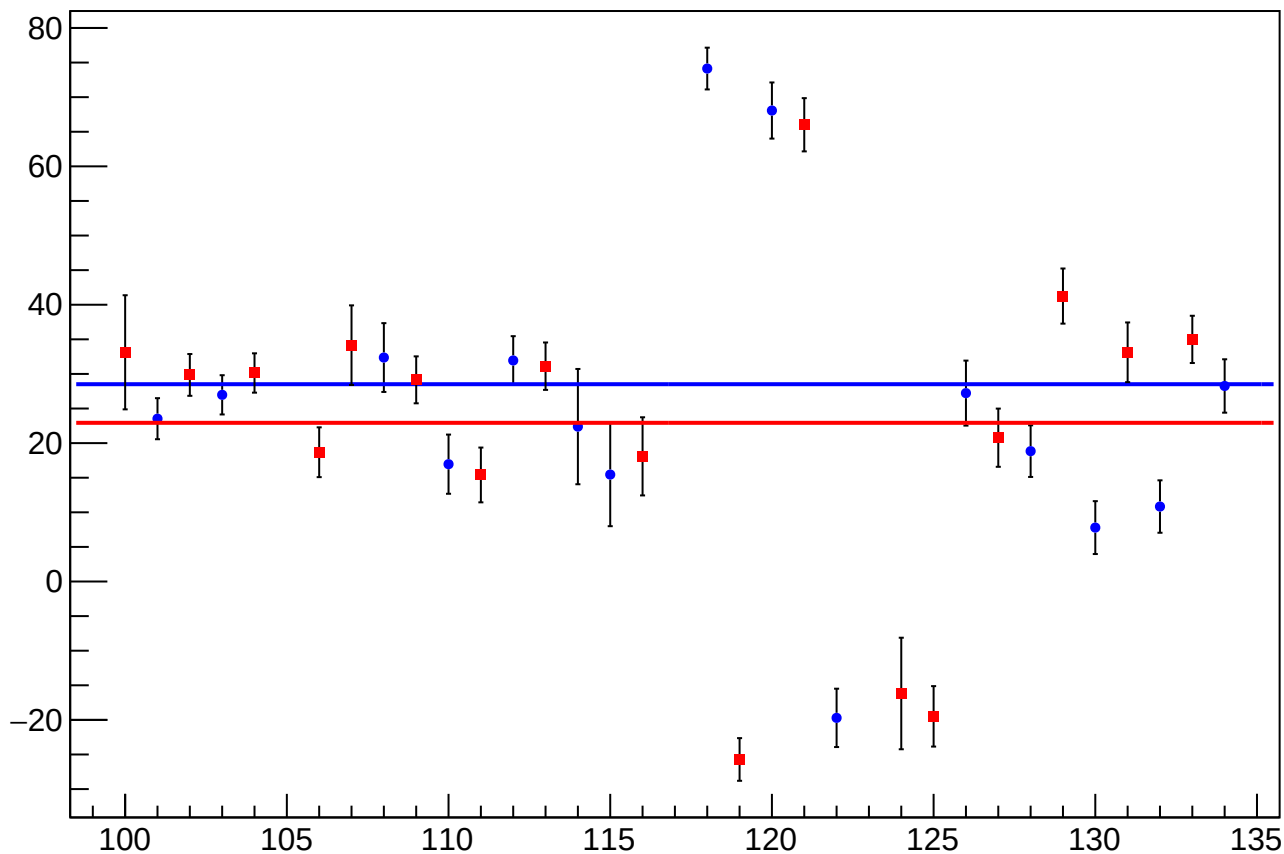
Right: 2354.747 $\pm$ 0.462 χ^2 /NDF: 237712.6/31

In: 2373.596 $\pm$ 0.671 χ^2 /NDF:126150.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2354.747 $\pm$ 0.462 χ^2 /NDF: 237712.6/31

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 28.515 $\pm$ 1.002 χ^2 /NDF: 527.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.934 $\pm$ 0.944 χ^2 /NDF: 563.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

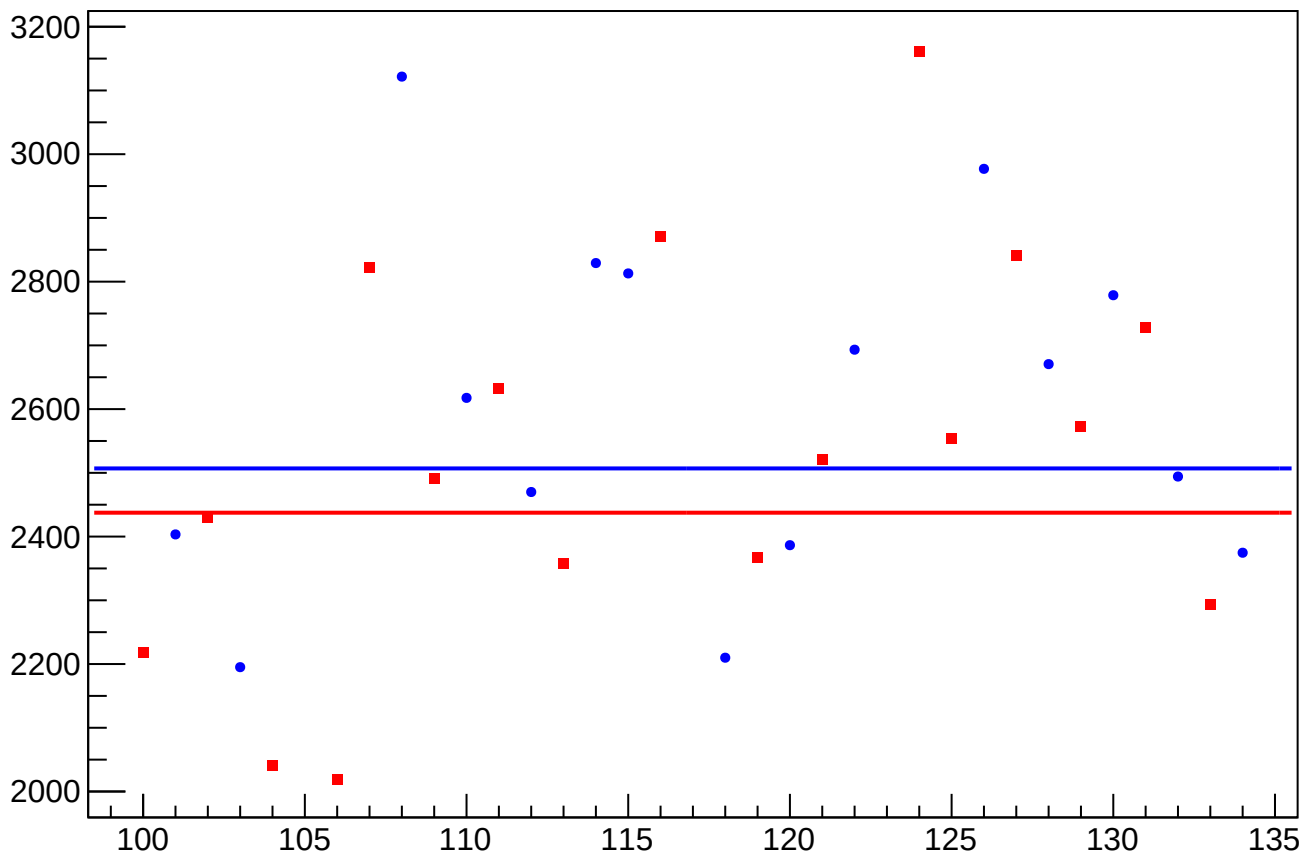
Right: 25.558 $\pm$ 0.687 χ^2 /NDF: 1107.7/31

In: 28.515 $\pm$ 1.002 χ^2 /NDF: 527.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.558 $\pm$ 0.687 χ^2 /NDF: 1107.7/31

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2506.933+/-0.709 χ^2/NDF : 126517.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2437.470+/-0.667 χ^2/NDF : 147399.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

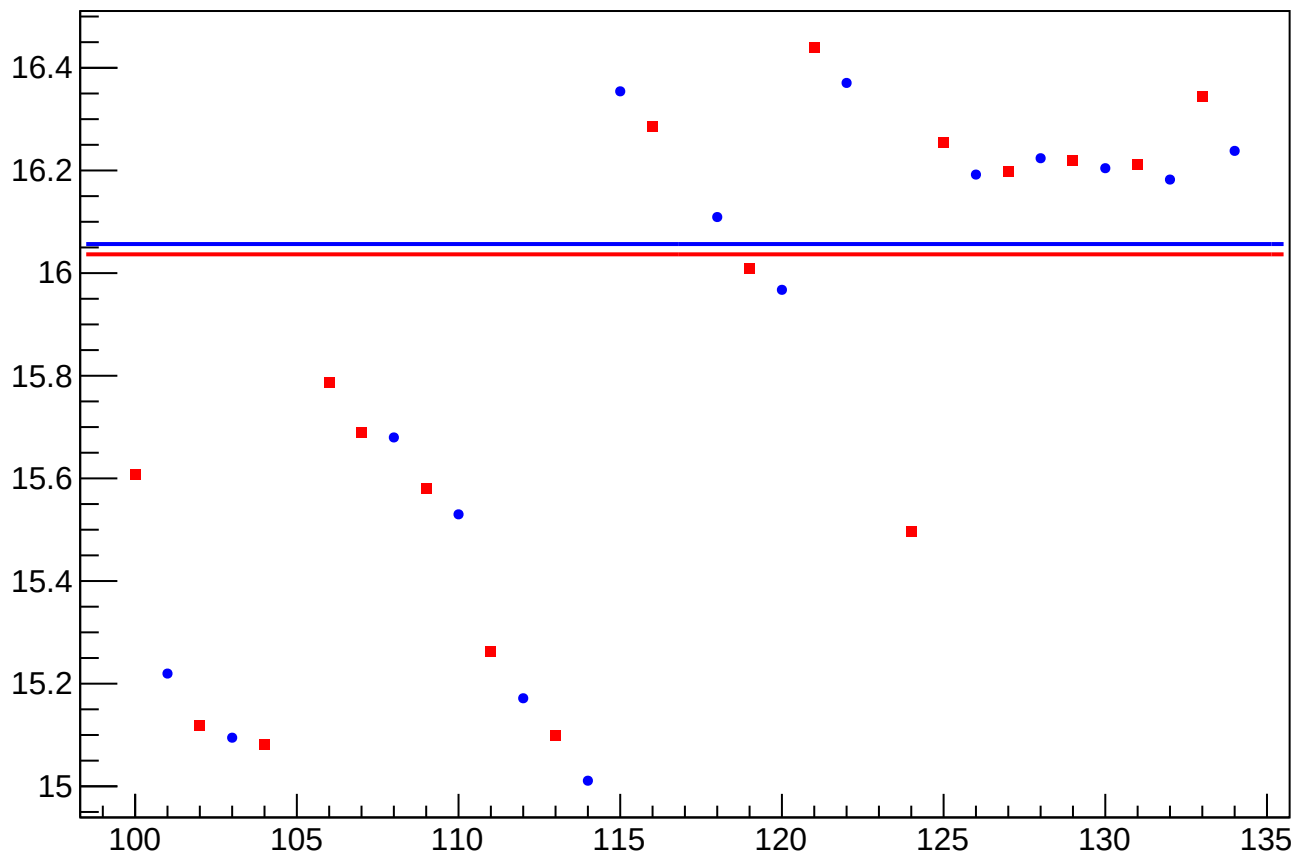
Right: 2470.127+/-0.486 χ^2/NDF : 279008.4/31

In: 2506.933+/-0.709 χ^2/NDF : 126517.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2470.127+/-0.486 χ^2/NDF : 279008.4/31

yield_sam1_mean vs Slug, Sign Corrected



Right In: 16.057+/-0.000 χ^2/NDF : 2827675246.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.037+/-0.000 χ^2/NDF : 3519657877.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

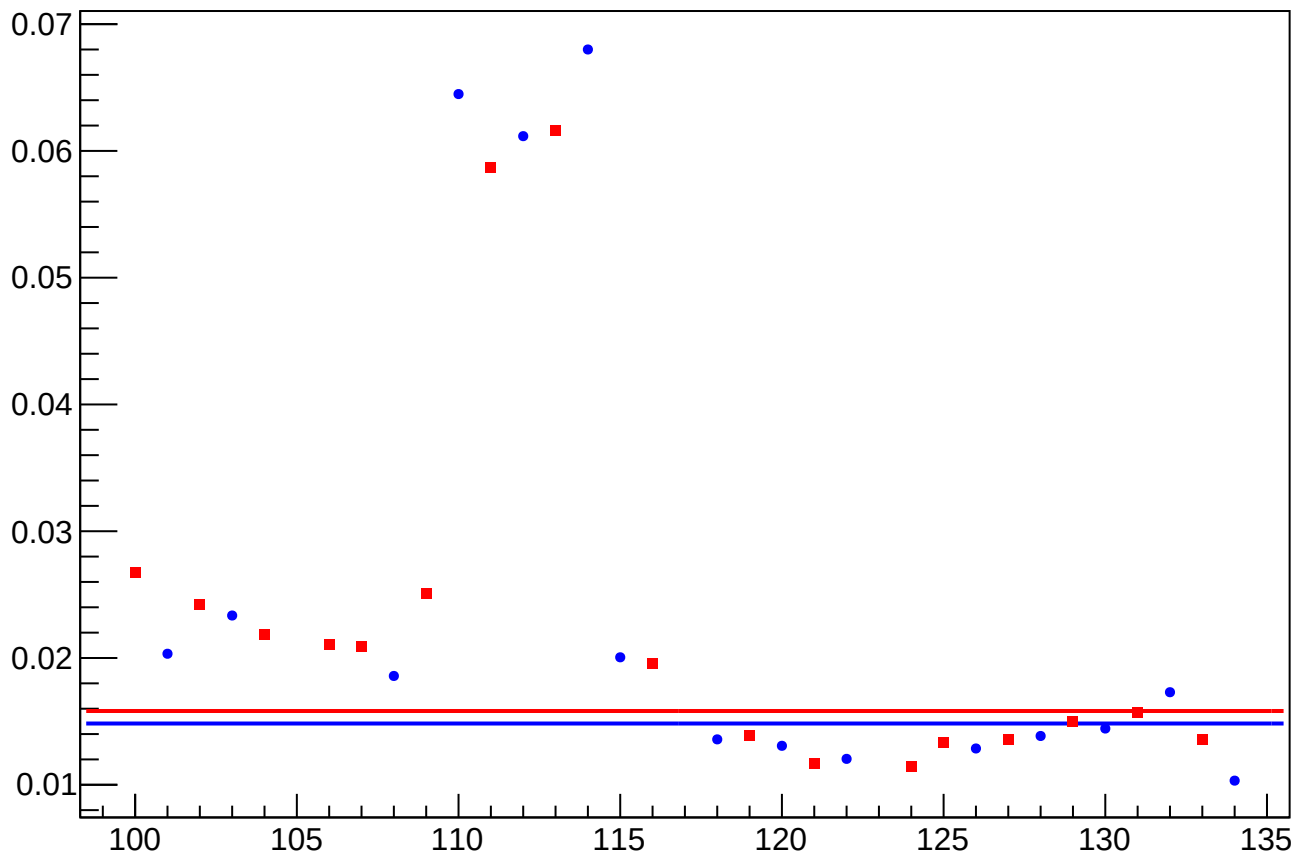
Right: 16.047+/-0.000 χ^2/NDF : 6351787638.7/31

In: 16.057+/-0.000 χ^2/NDF : 2827675246.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.047+/-0.000 χ^2/NDF : 6351787638.7/31

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1567018.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1592271.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

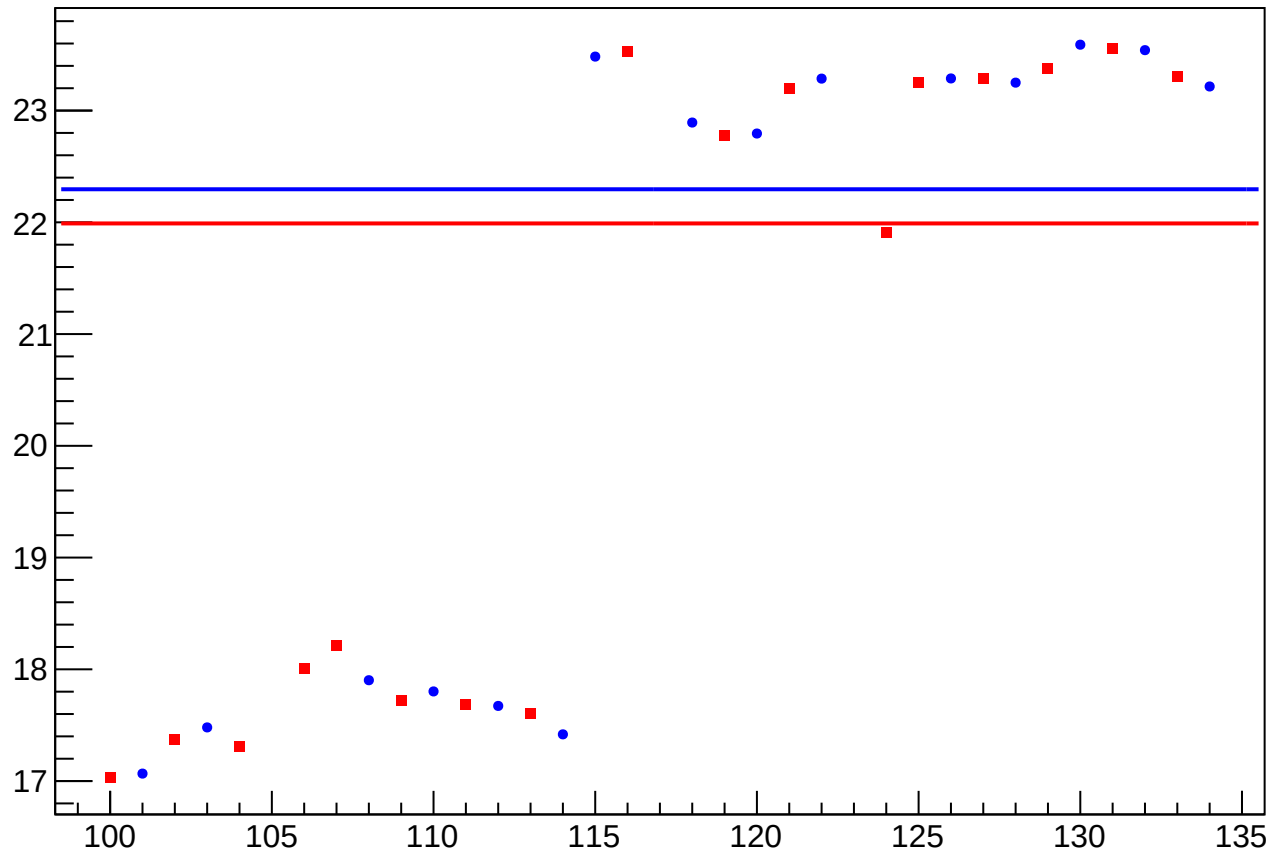
Right: 0.015+/-0.000 χ^2/NDF : 3180919.2/31

In: 0.015+/-0.000 χ^2/NDF : 1567018.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 3180919.2/31

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.296+/-0.000 χ^2/NDF : 1074281335.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.990+/-0.000 χ^2/NDF : 1094463255.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

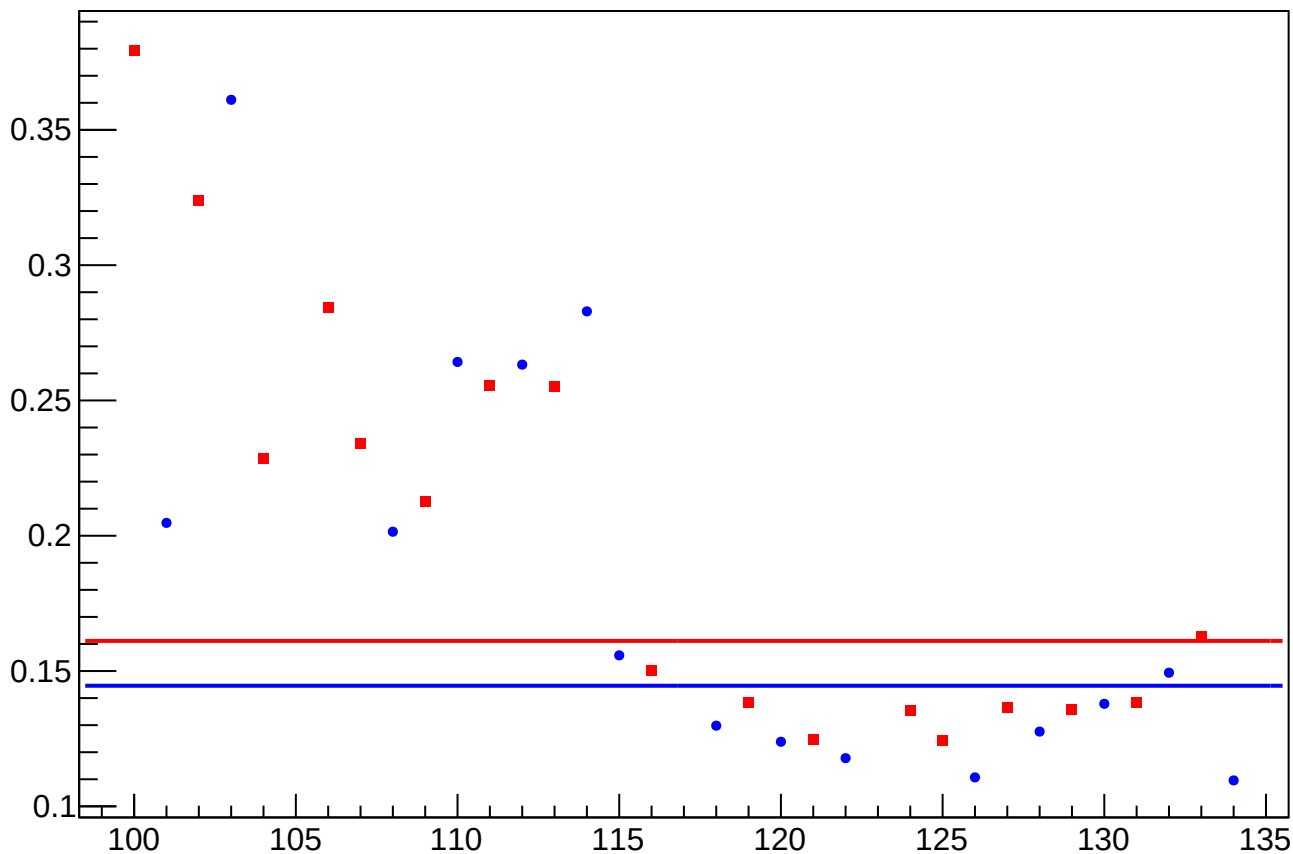
Right: 22.153+/-0.000 χ^2/NDF : 2179057871.8/31

In: 22.296+/-0.000 χ^2/NDF :1074281335.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.153+/-0.000 χ^2/NDF : 2179057871.8/31

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.145+/-0.000

χ^2/NDF : 1157076.3/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.161+/-0.000

χ^2/NDF : 1066426.7/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.152+/-0.000

χ^2/NDF : 2284080.1/31

In: 0.145+/-0.000

χ^2/NDF : 1157076.3/14

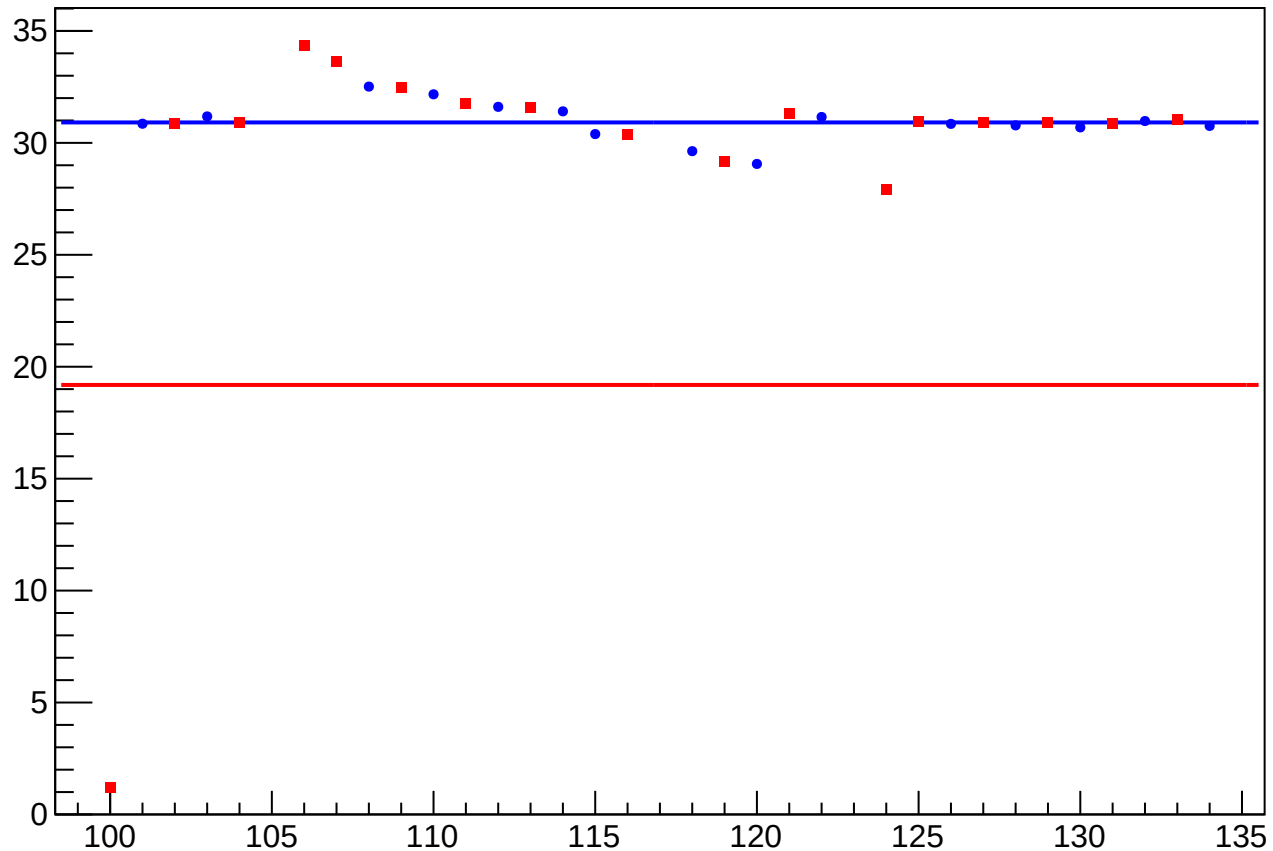
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.152+/-0.000

χ^2/NDF : 2284080.1/31

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.913+/-0.000 χ^2/NDF : 354586304.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.186+/-0.000 χ^2/NDF : 210819952325.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

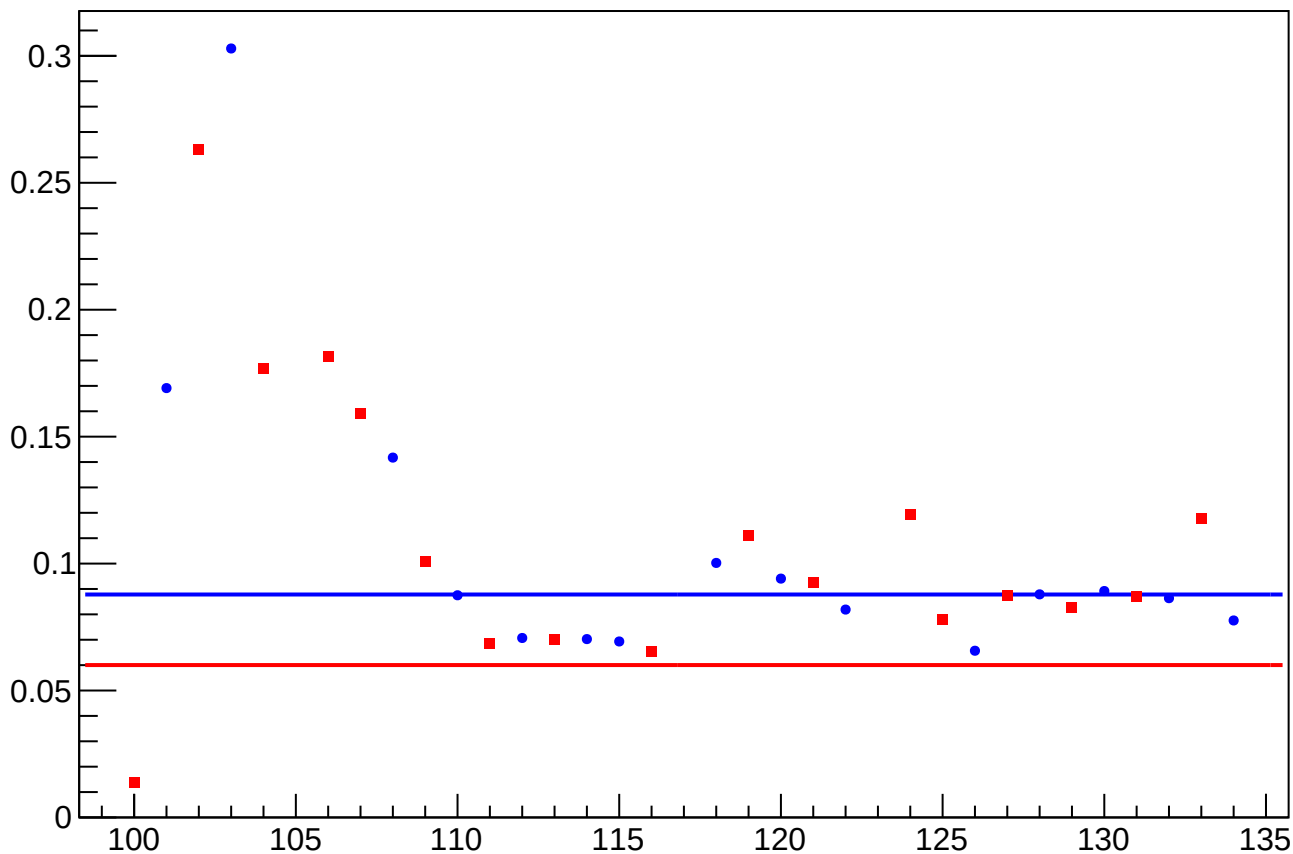
Right: 23.664+/-0.000 χ^2/NDF : 262548787524.1/31

In: 30.913+/-0.000 χ^2/NDF : 354586304.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.664+/-0.000 χ^2/NDF : 262548787524.1/31

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 1105020.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.060+/-0.000 χ^2/NDF : 3984028.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

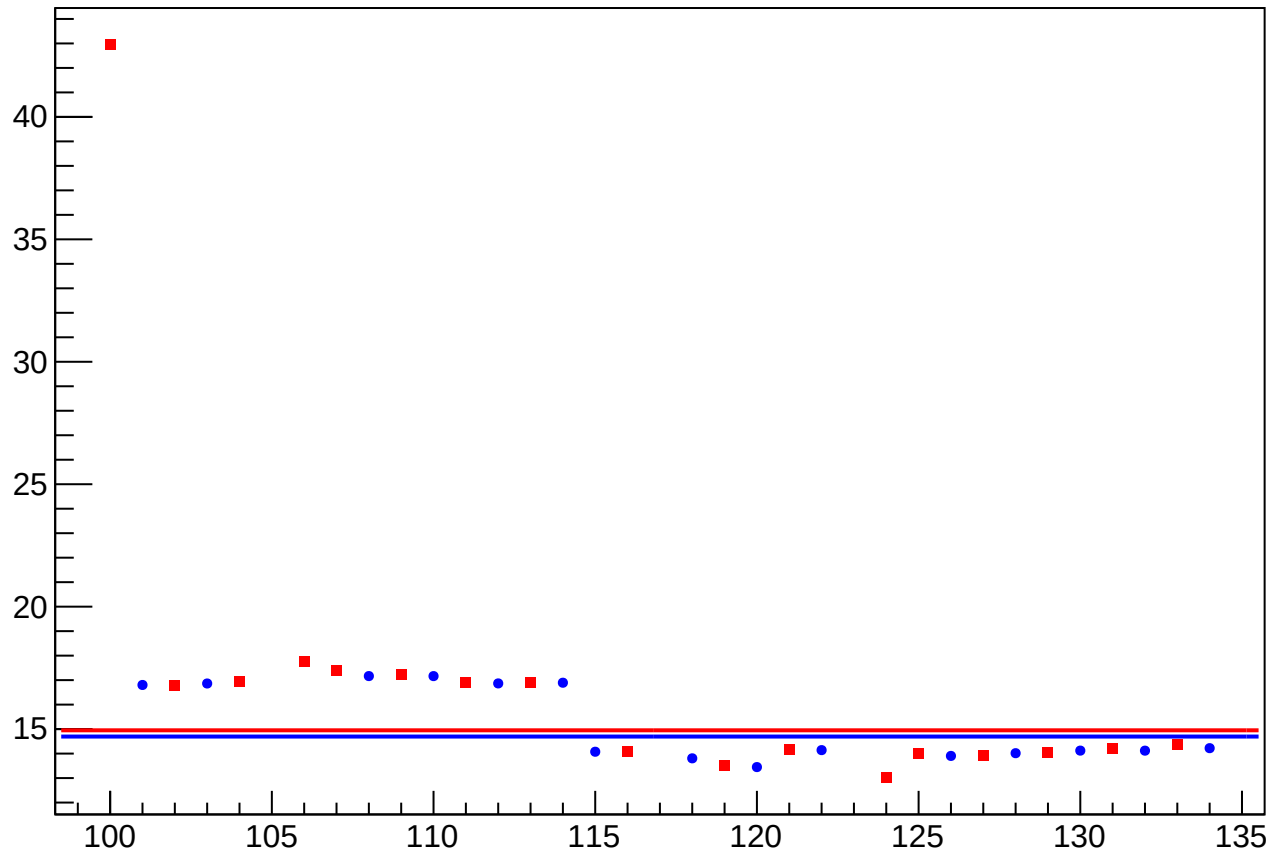
Right: 0.071+/-0.000 χ^2/NDF : 5666255.9/31

In: 0.088+/-0.000 χ^2/NDF :1105020.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

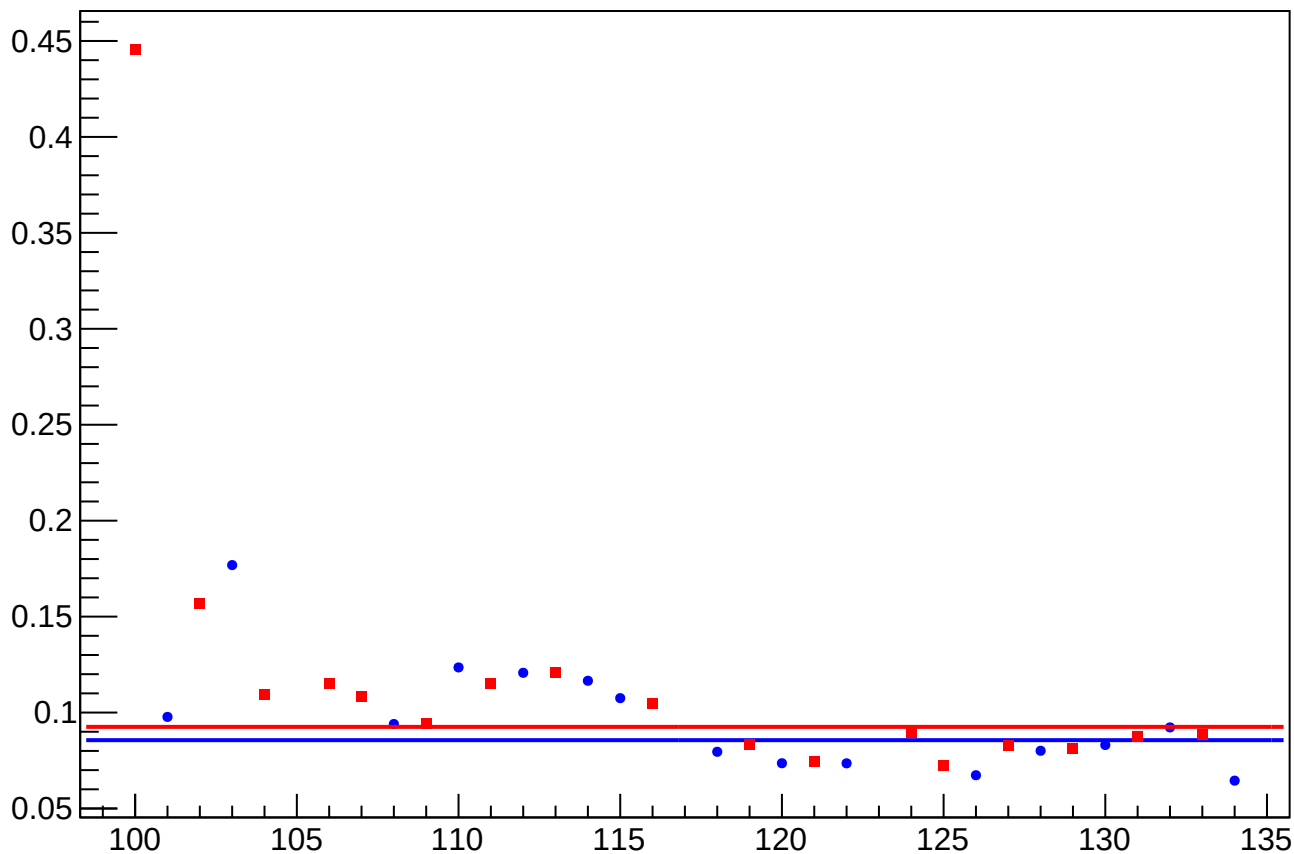
All: 0.071+/-0.000 χ^2/NDF : 5666255.9/31

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.696+/-0.000 χ^2/NDF : 1186057556.7/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 14.951+/-0.000 χ^2/NDF : 1706723989.2/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.818+/-0.000 χ^2/NDF : 2915101839.3/31
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 14.818+/-0.000 χ^2/NDF : 2915101839.3/31
 In: 14.696+/-0.000 χ^2/NDF : 1186057556.7/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 664952.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 553735.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

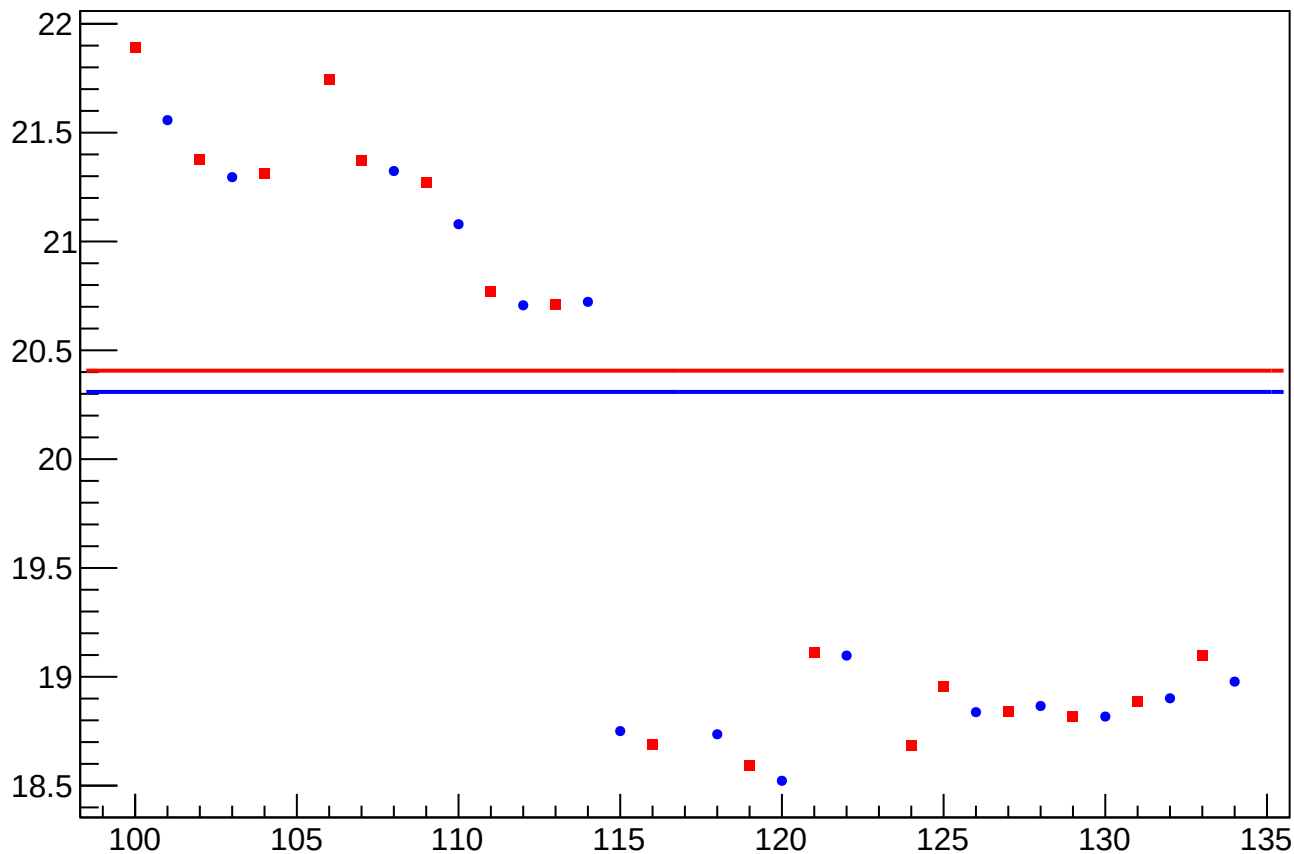
Right: 0.089+/-0.000 χ^2/NDF : 1251623.6/31

In: 0.086+/-0.000 χ^2/NDF : 664952.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.000 χ^2/NDF : 1251623.6/31

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.309+/-0.000 χ^2/NDF : 8277549316.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.407+/-0.000 χ^2/NDF : 8250475569.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

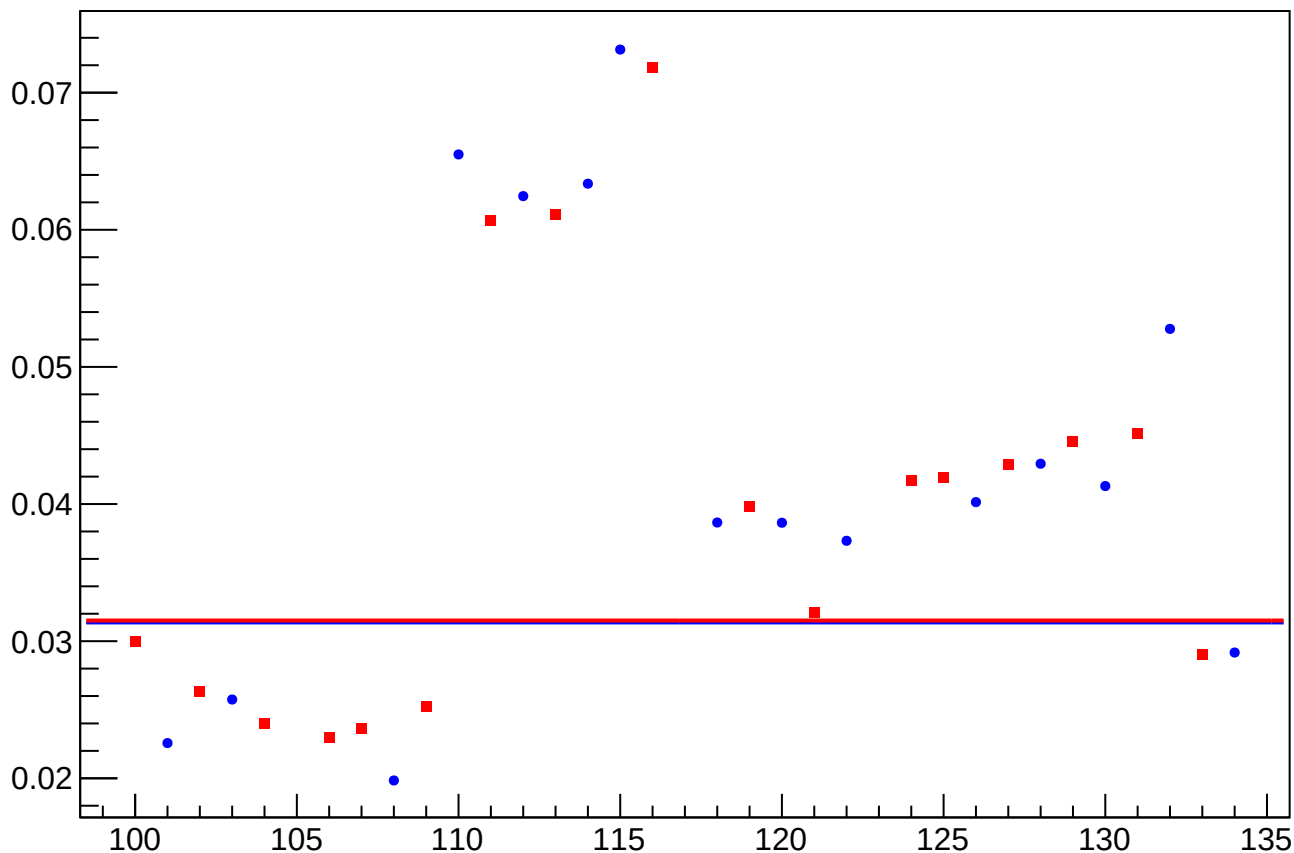
Right: 20.359+/-0.000 χ^2/NDF : 16553929809.3/31

In: 20.309+/-0.000 χ^2/NDF :8277549316.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.359+/-0.000 χ^2/NDF : 16553929809.3

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000

χ^2/NDF : 1384005.0/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000

χ^2/NDF : 1173158.9/16

Left 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+/-0.000

χ^2/NDF : 2557270.9/31

In: 0.031+/-0.000

χ^2/NDF : 1384005.0/14

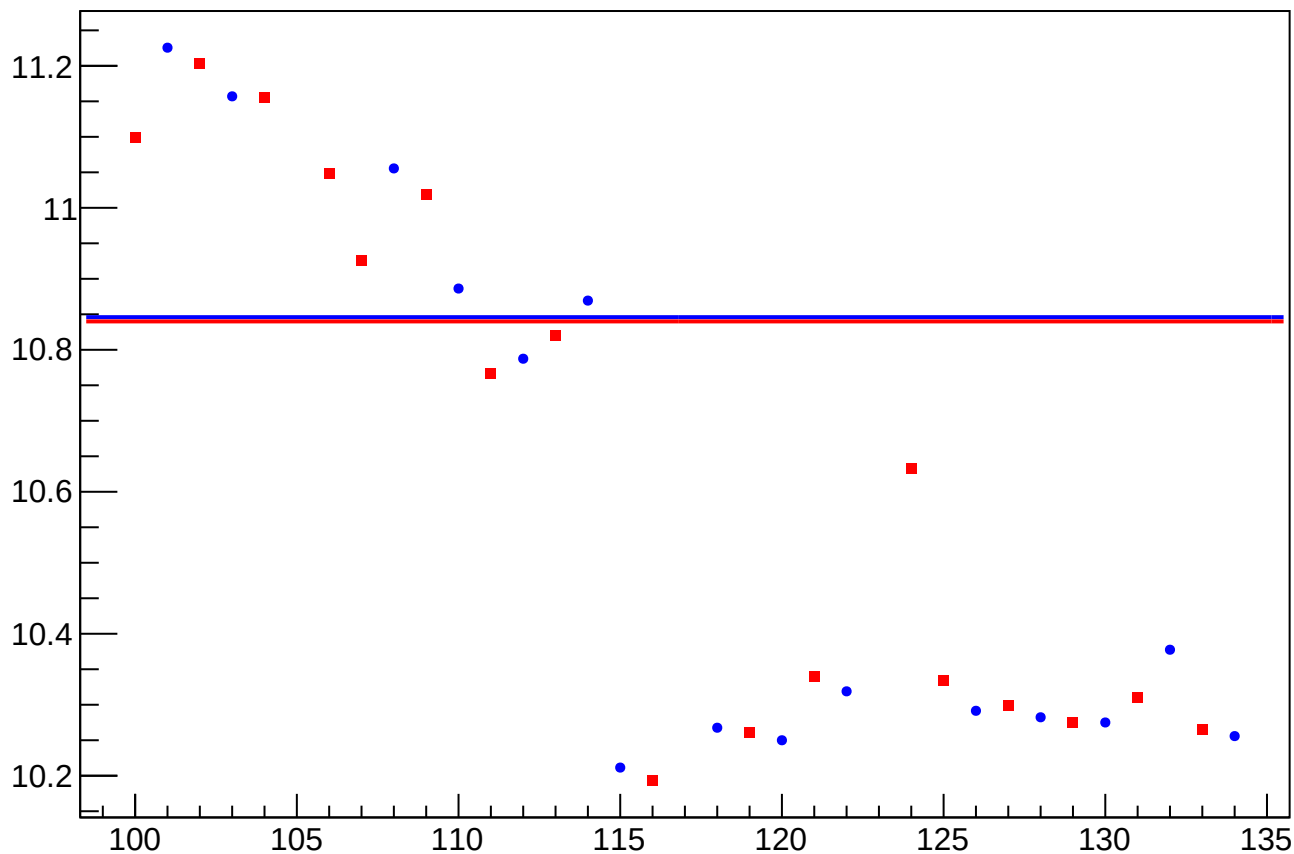
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.031+/-0.000

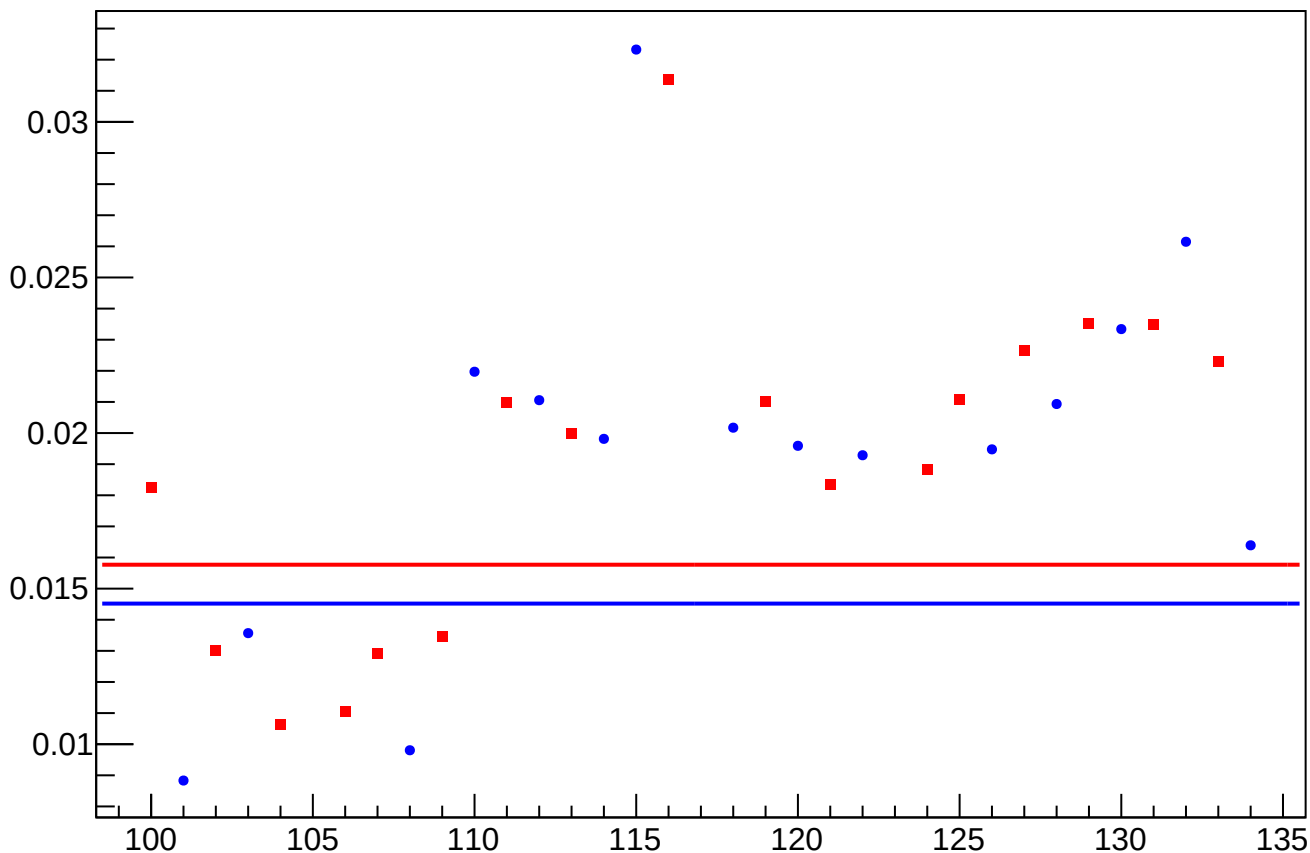
χ^2/NDF : 2557270.9/31

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.846+/-0.000 χ^2/NDF : 3965925269.1/14
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 10.843+/-0.000 χ^2/NDF : 6950205991.2/31
 Right Out: 10.840+/-0.000 χ^2/NDF : 2983871417.0/16
 In: 10.846+/-0.000 χ^2/NDF : 3965925269.1/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.843+/-0.000 χ^2/NDF : 6950205991.2/31

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 1472959.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000

χ^2/NDF : 1058527.0/16

Left 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 : 2567171.5/31

In: 0.015+/-0.000

χ^2/NDF : 1472959.9/14

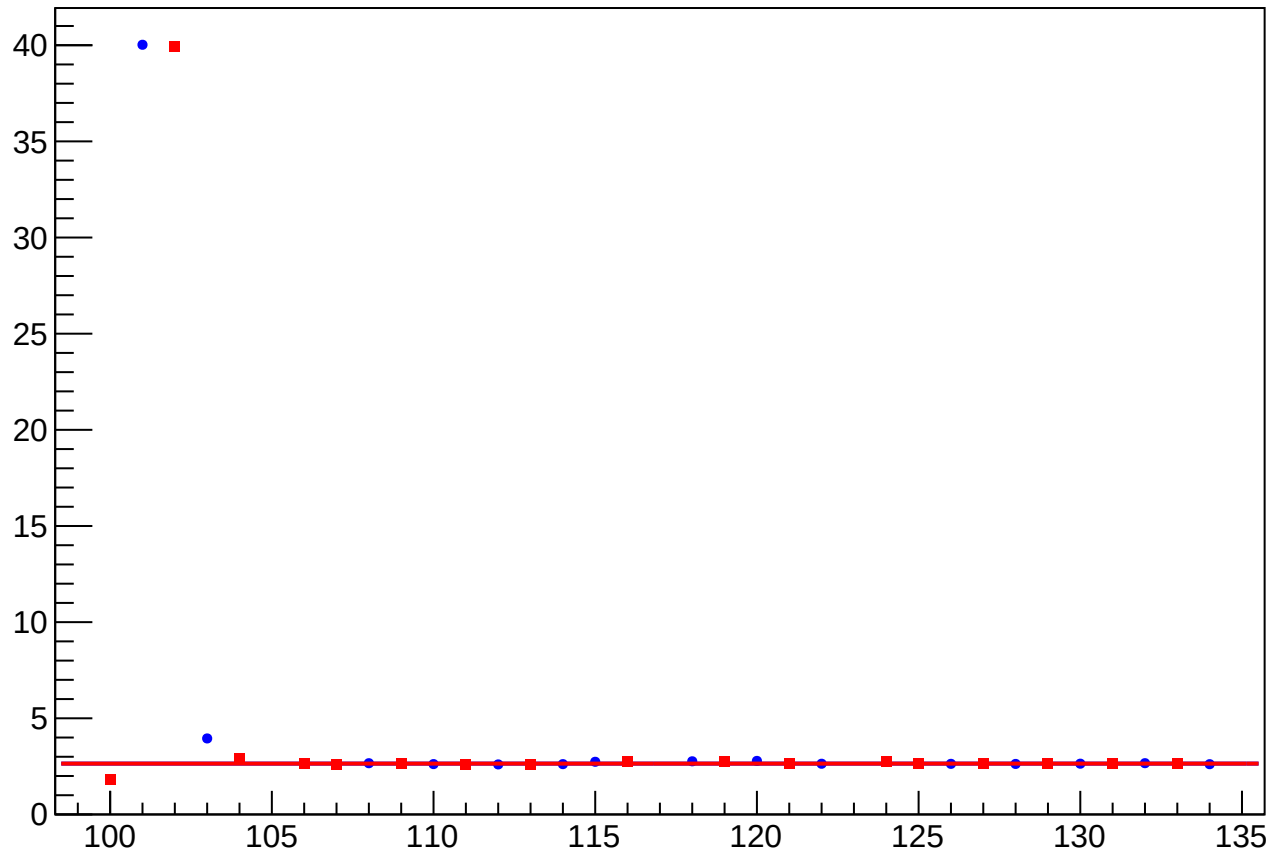
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 2567171.5/31

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.644+/-0.000

χ^2/NDF : 64722304487.4/14

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.644+/-0.000

χ^2/NDF : 127903290917.1/31

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.644+/-0.000

χ^2/NDF : 64722304487.4/14

Right Out: 2.644+/-0.000

χ^2/NDF : 63180860093.8/16

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

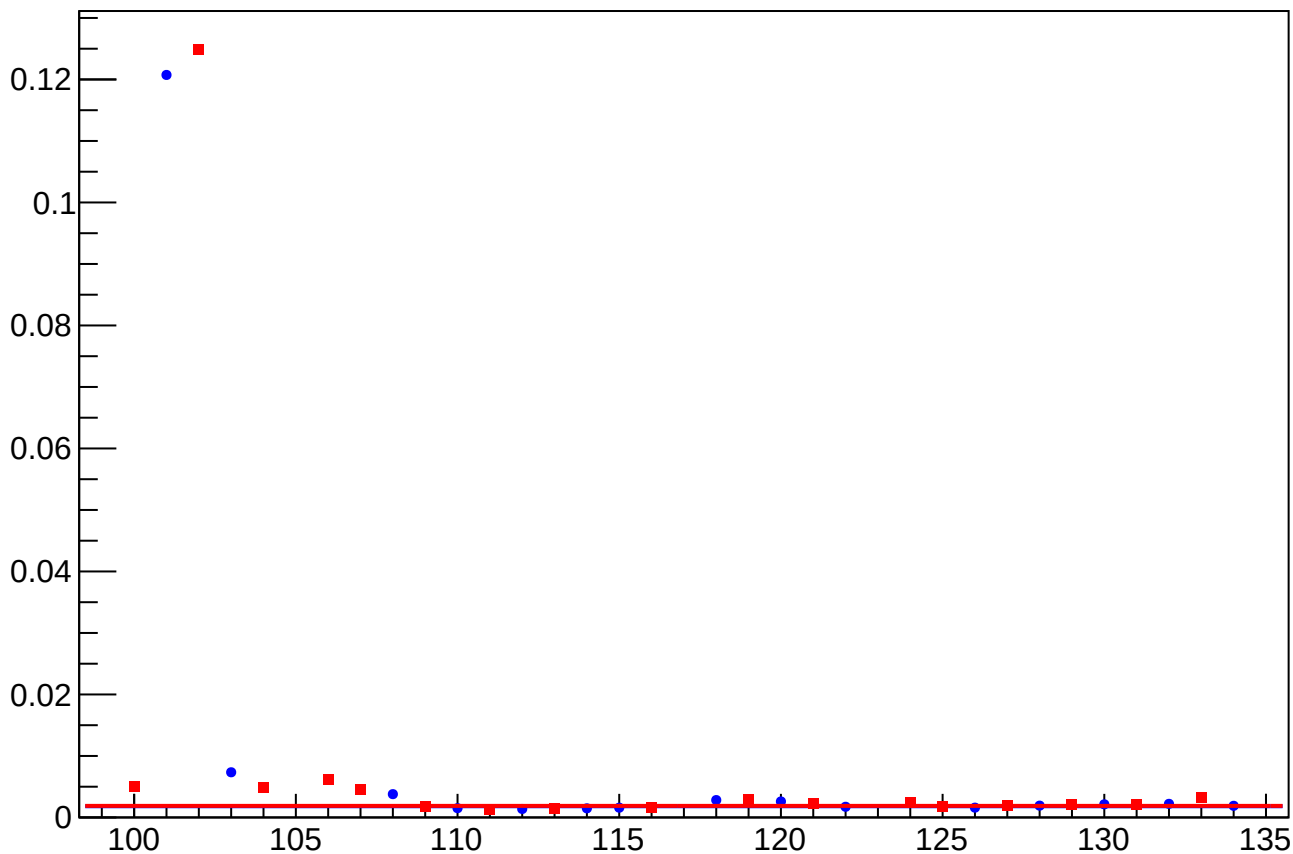
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.644+/-0.000

χ^2/NDF : 127903290917.1

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1821725.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2517343.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

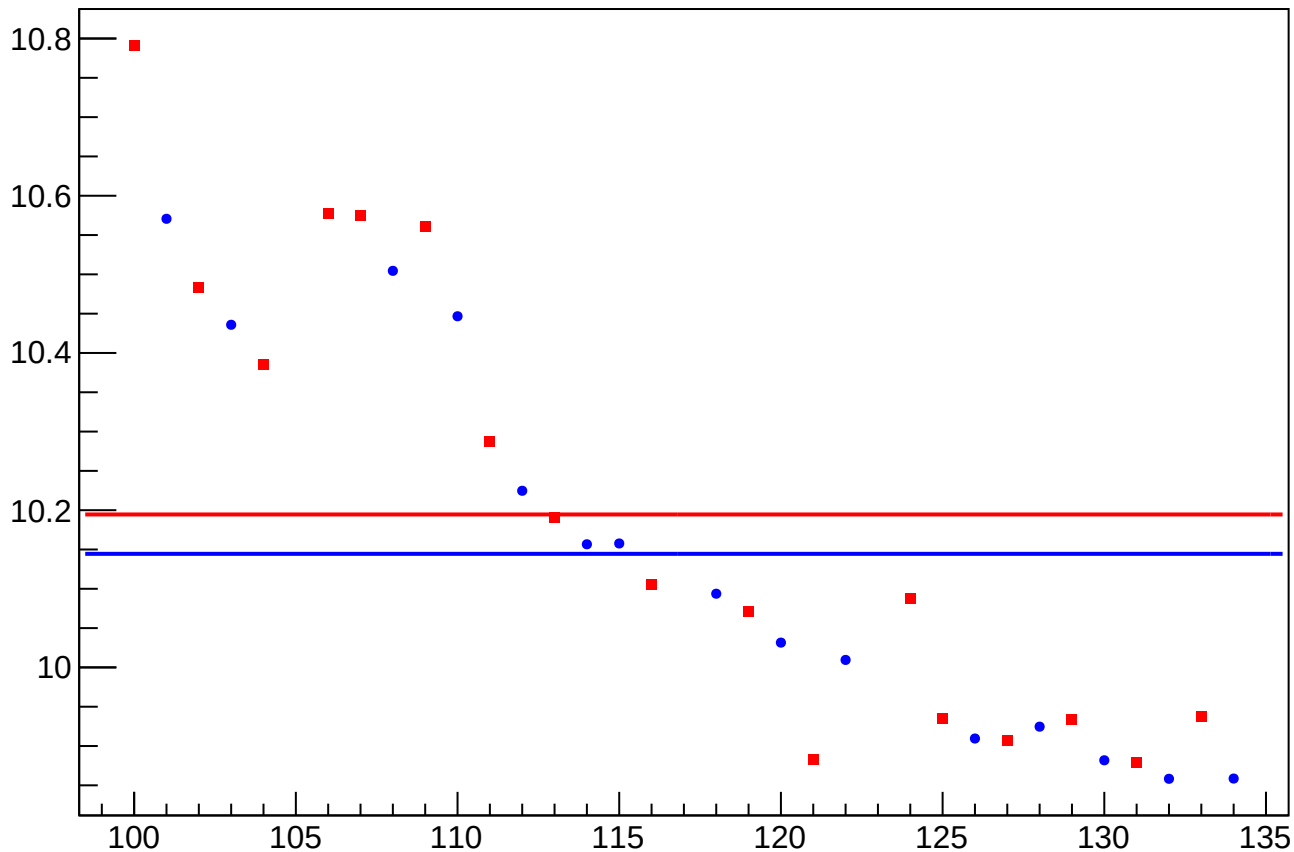
Right: 0.002+/-0.000 χ^2/NDF : 4343517.2/31

In: 0.002+/-0.000 χ^2/NDF : 1821725.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4343517.2/31

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.144+/-0.000 χ^2/NDF : 7546756973.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.195+/-0.000 χ^2/NDF : 7937666139.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

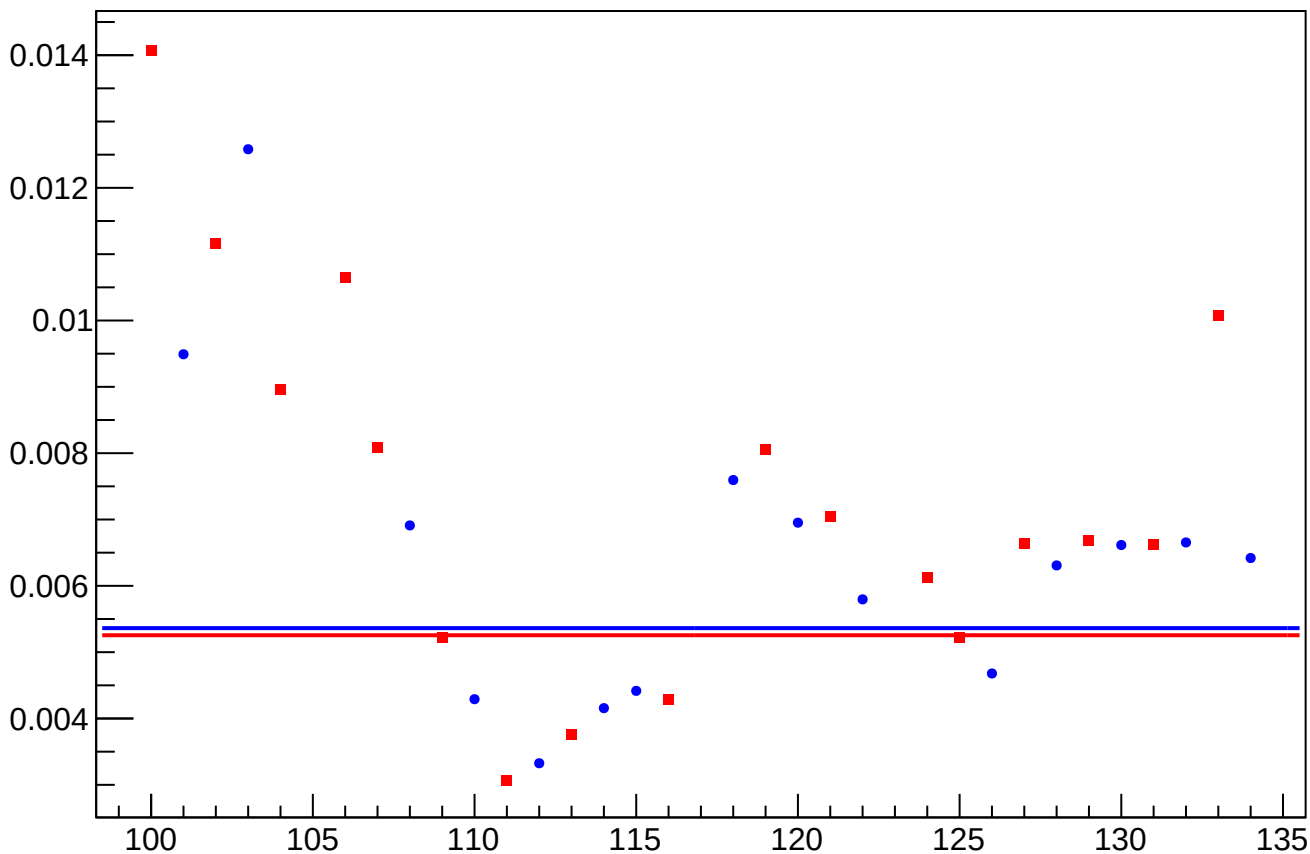
Right: 10.171+/-0.000 χ^2/NDF : 15698374245.2/31

In: 10.144+/-0.000 χ^2/NDF : 7546756973.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.171+/-0.000 χ^2/NDF : 15698374245.2

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 1261330.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 1780088.4/16

Left 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 : 3043377.1/31

In: 0.005+/-0.000

χ^2/NDF : 1261330.9/14

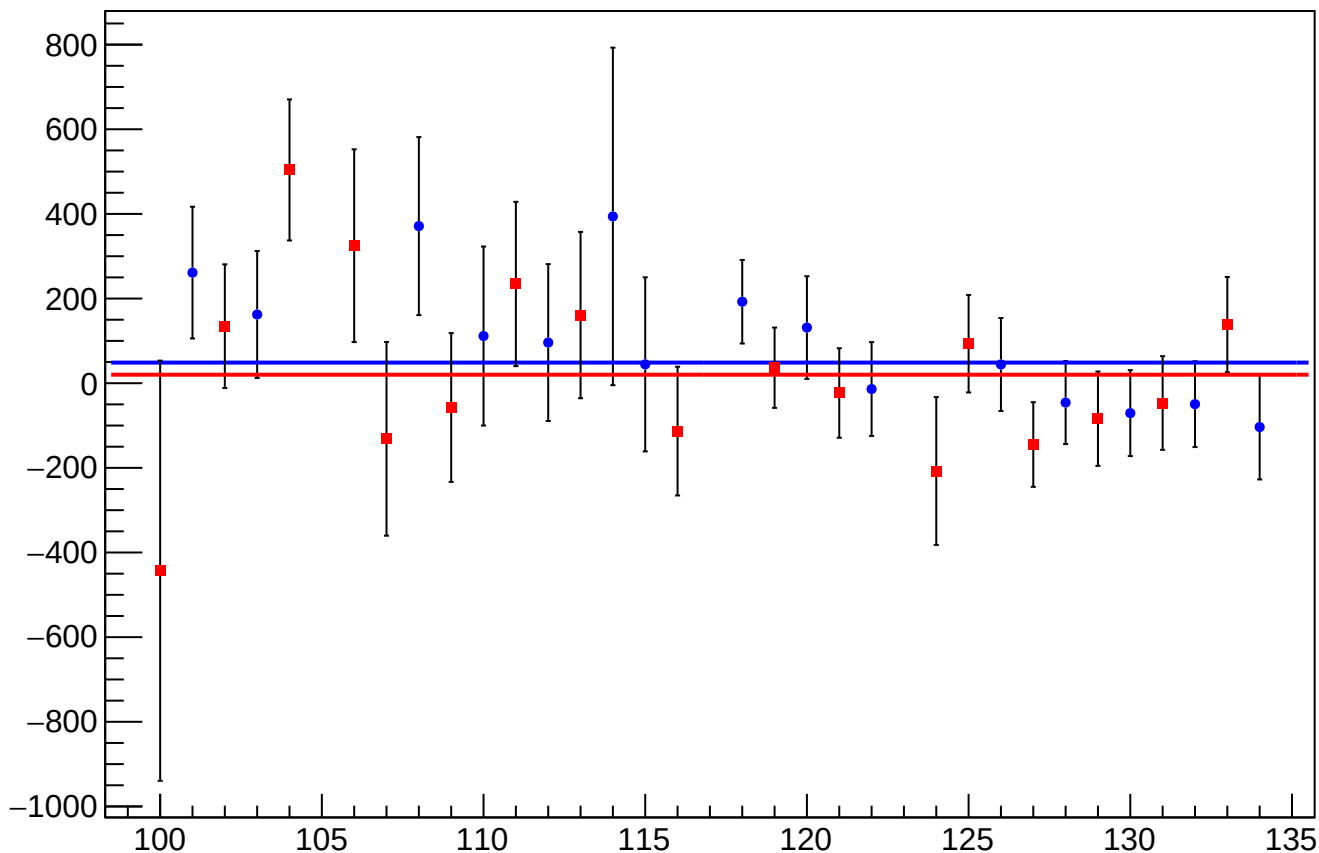
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.005+/-0.000

χ^2/NDF : 3043377.1/31

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 48.742 $\pm$ 33.557 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.126 $\pm$ 33.277 χ^2 /NDF: 22.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

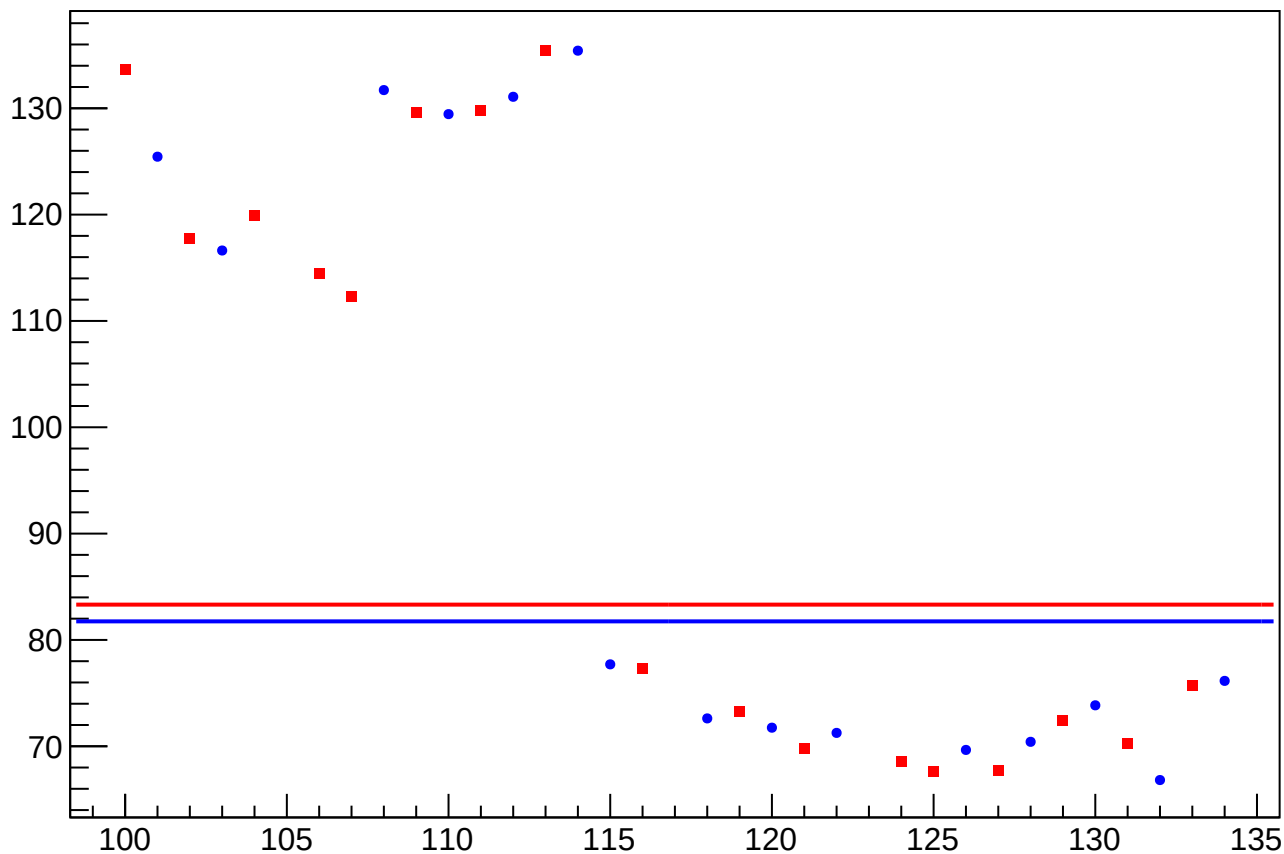
Right: 34.314 $\pm$ 23.629 χ^2 /NDF: 35.9/31

In: 48.742 $\pm$ 33.557 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.314 $\pm$ 23.629 χ^2 /NDF: 35.9/31

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.746+/-0.024 χ^2/NDF : 818296.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.321+/-0.024 χ^2/NDF : 906314.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

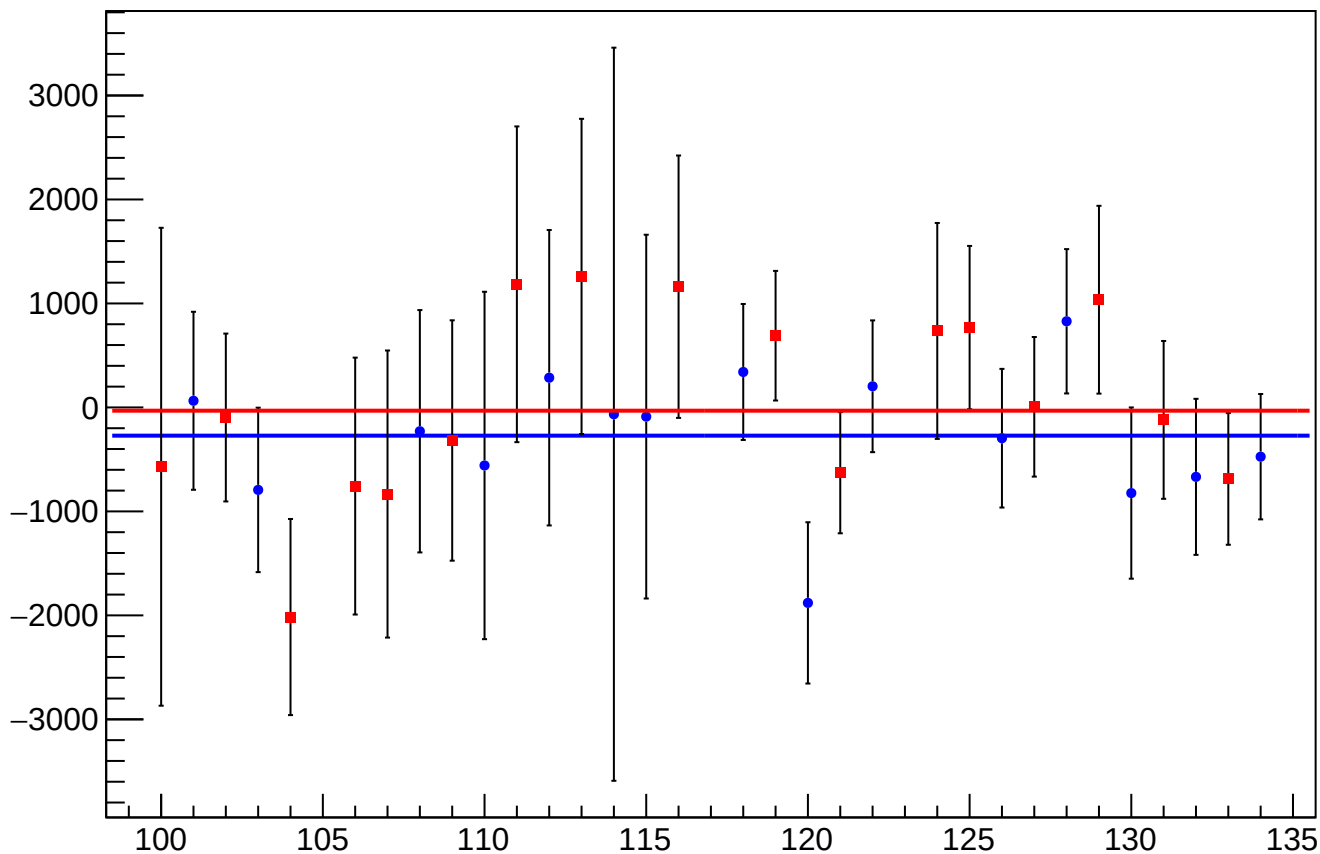
Right: 82.540+/-0.017 χ^2/NDF : 1726831.5/31

In: 81.746+/-0.024 χ^2/NDF : 818296.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.540+/-0.017 χ^2/NDF : 1726831.5/31

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -271.582 ± 214.280 χ^2/NDF : 9.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.348 ± 213.124 χ^2/NDF : 13.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

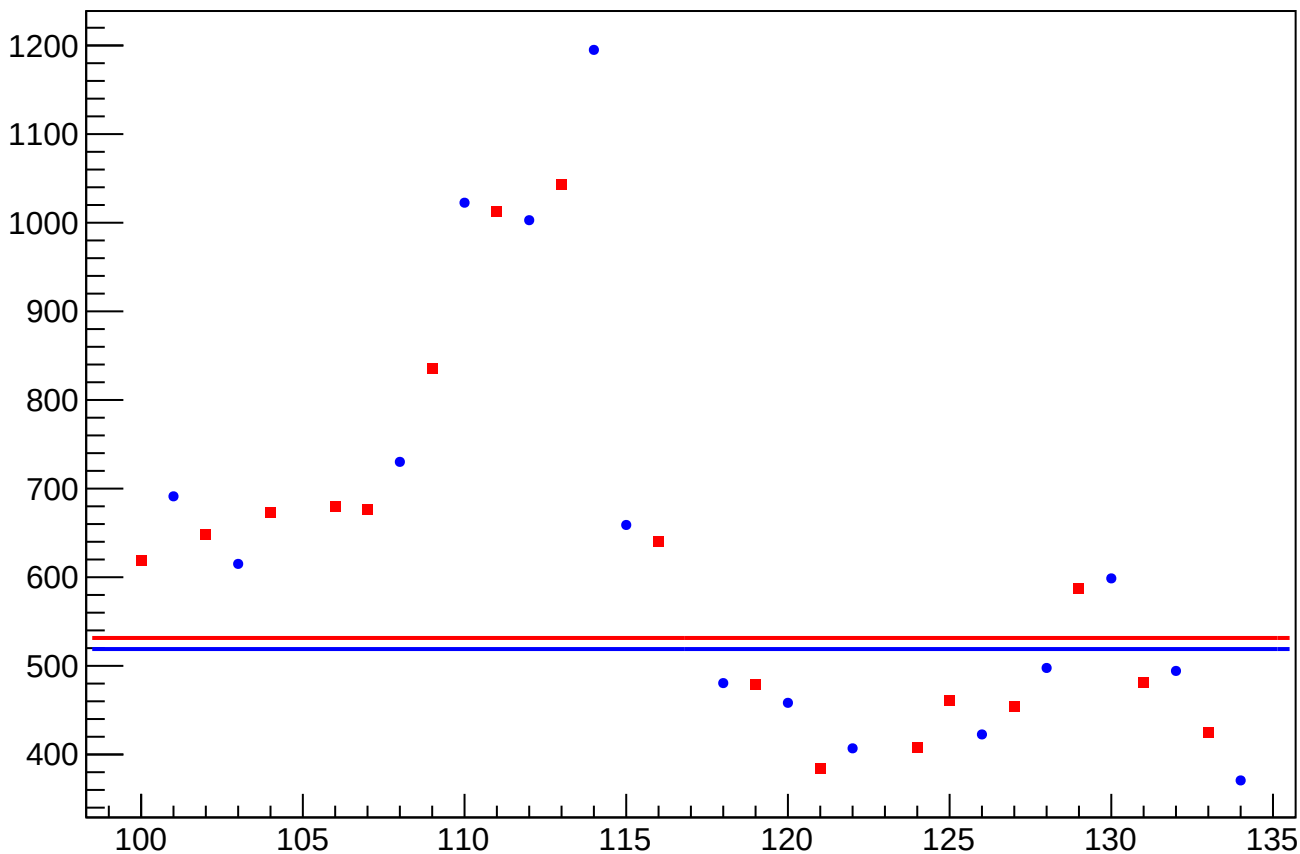
Right: -150.815 ± 151.108 χ^2/NDF : 24.5/31

In: -271.582 ± 214.280 χ^2/NDF : 9.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -150.815 ± 151.108 χ^2/NDF : 24.5/31

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 518.960+/-0.152 χ^2/NDF : 943508.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.467+/-0.151 χ^2/NDF : 1009747.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

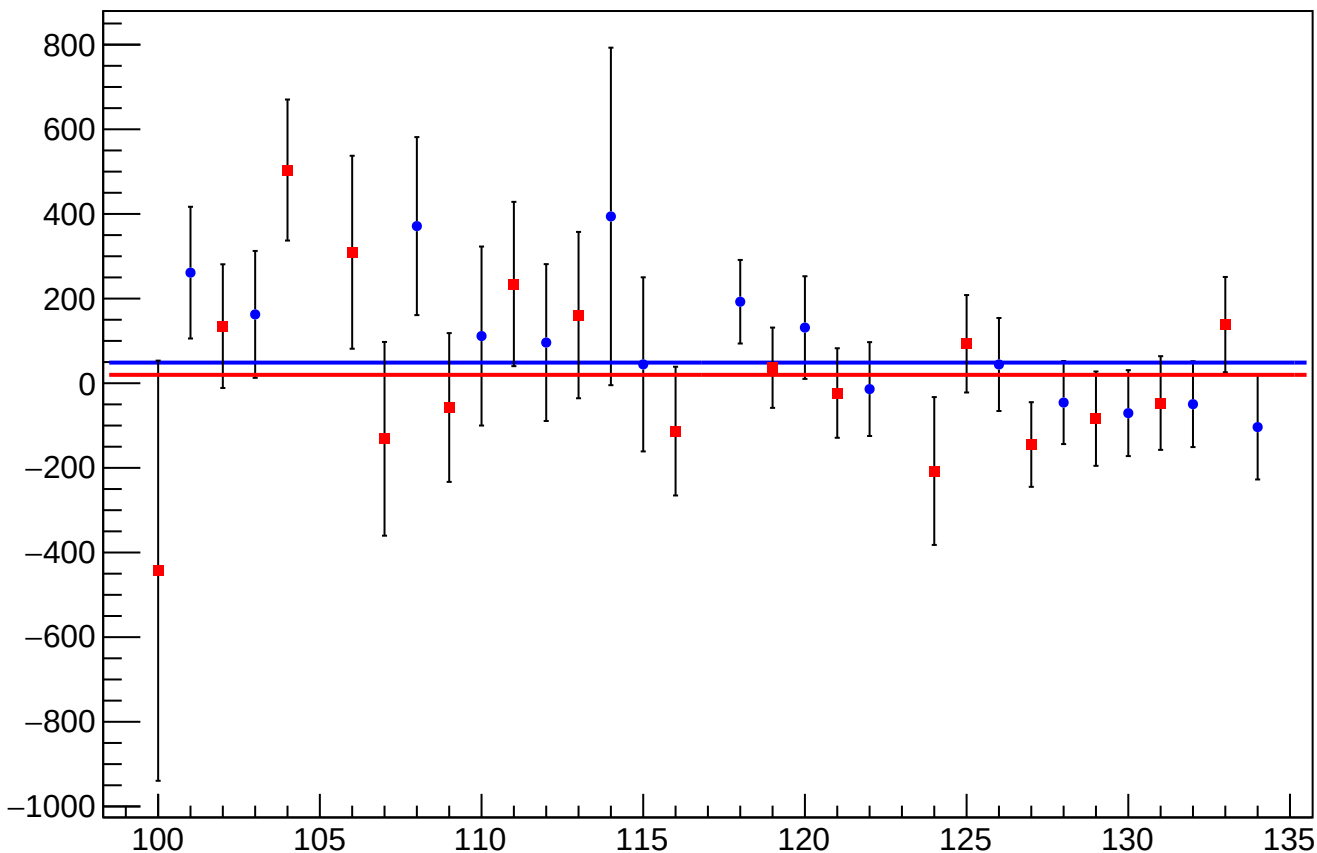
Right: 525.247+/-0.107 χ^2/NDF : 1956681.4/31

In: 518.960+/-0.152 χ^2/NDF : 943508.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.247+/-0.107 χ^2/NDF : 1956681.4/31

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 48.757+/-33.557 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.790+/-33.278 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

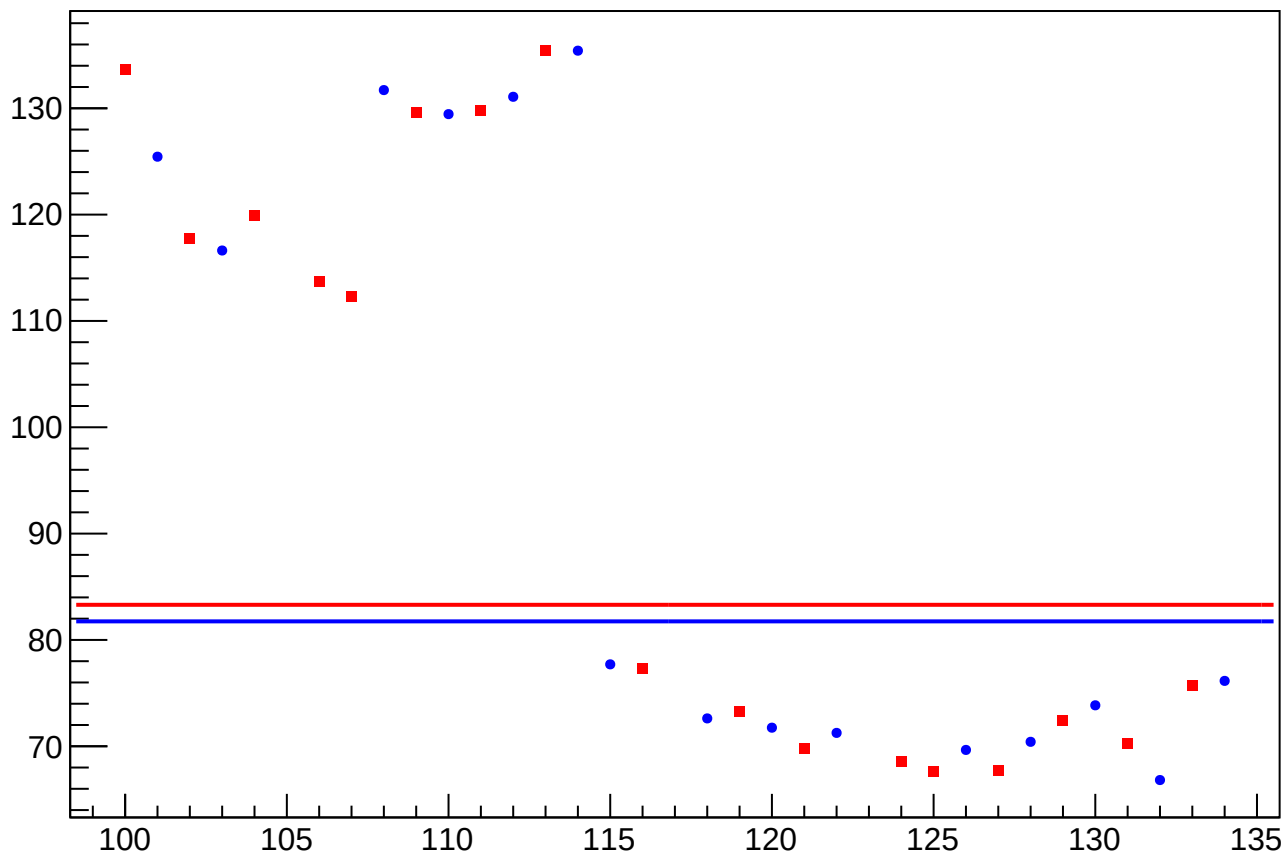
Right: 34.152+/-23.629 χ^2/NDF : 35.8/31

In: 48.757+/-33.557 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.152+/-23.629 χ^2/NDF : 35.8/31

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.746+/-0.024 χ^2/NDF : 818296.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.304+/-0.024 χ^2/NDF : 904526.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

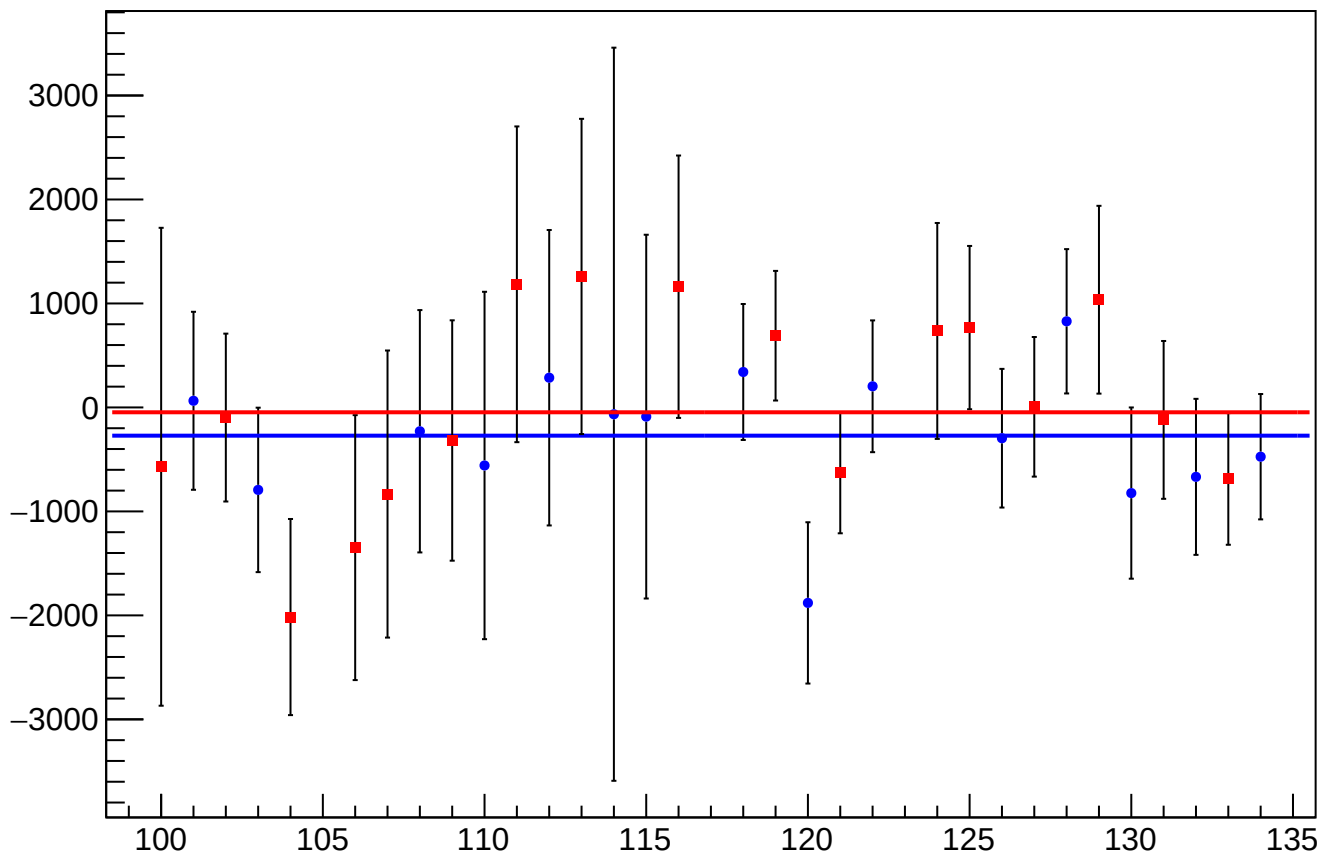
Right: 82.531+/-0.017 χ^2/NDF : 1724994.8/31

In: 81.746+/-0.024 χ^2/NDF : 818296.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.531+/-0.017 χ^2/NDF : 1724994.8/31

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -271.578+/-214.280 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -46.672+/-213.315 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

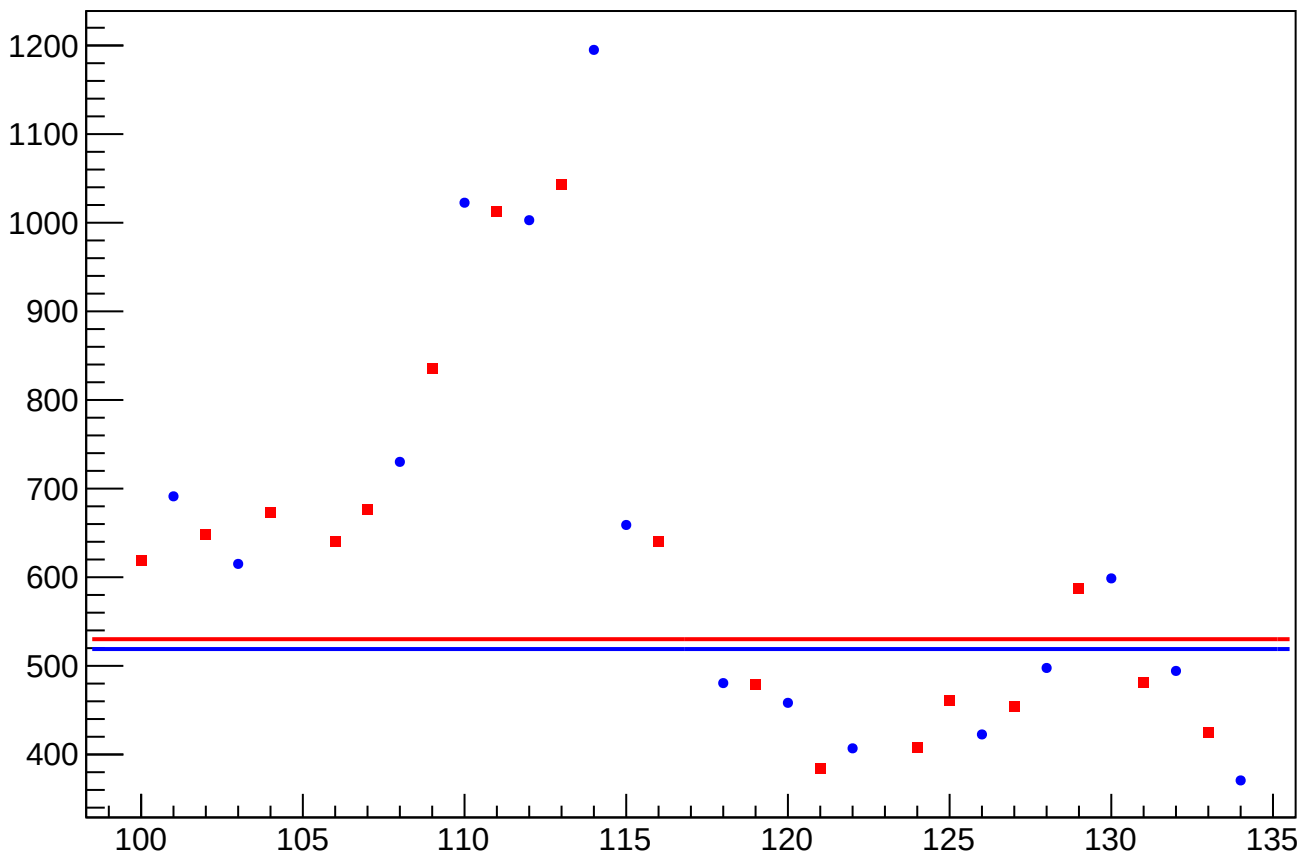
Right: -158.617+/-151.177 χ^2/NDF : 25.1/31

In: -271.578+/-214.280 χ^2/NDF :9.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -158.617+/-151.177 χ^2/NDF : 25.1/31

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 518.961+/-0.152 χ^2/NDF : 943502.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.102+/-0.151 χ^2/NDF : 995515.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

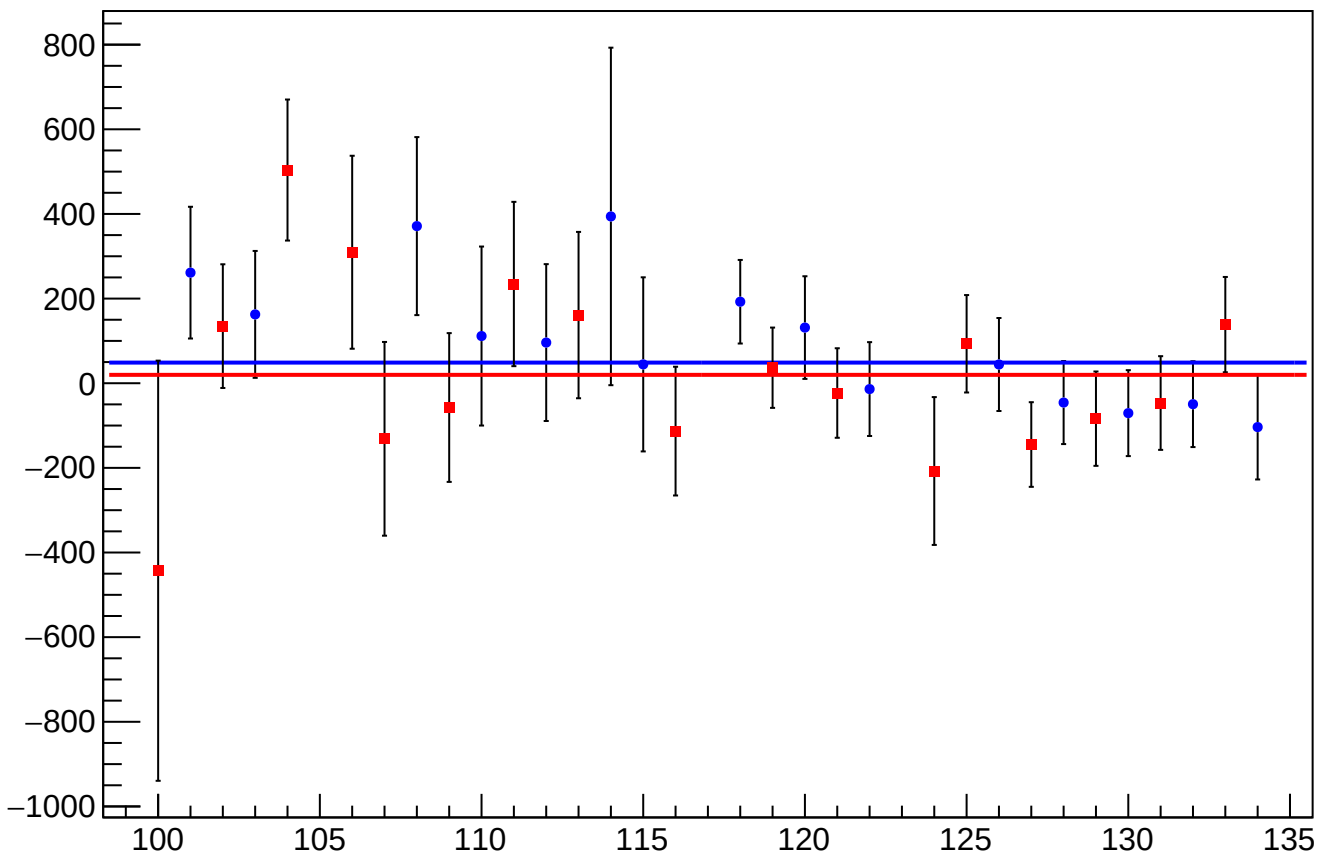
Right: 524.556+/-0.107 χ^2/NDF : 1941732.7/31

In: 518.961+/-0.152 χ^2/NDF : 943502.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.556+/-0.107 χ^2/NDF : 1941732.7/31

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 48.757+/-33.557 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.790+/-33.278 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

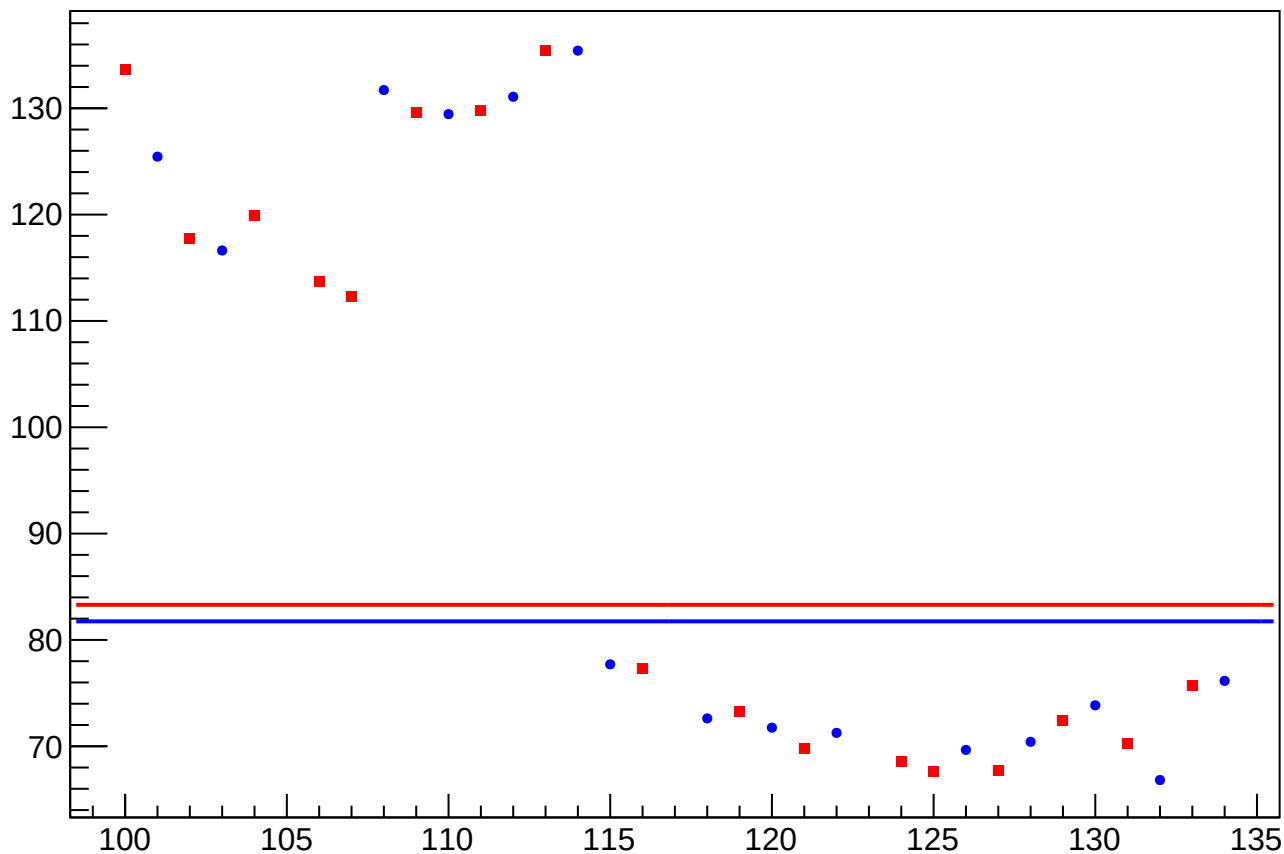
Right: 34.152+/-23.629 χ^2/NDF : 35.8/31

In: 48.757+/-33.557 χ^2/NDF : 13.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.152+/-23.629 χ^2/NDF : 35.8/31

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 81.746+/-0.024 χ^2/NDF : 818296.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.304+/-0.024 χ^2/NDF : 904526.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

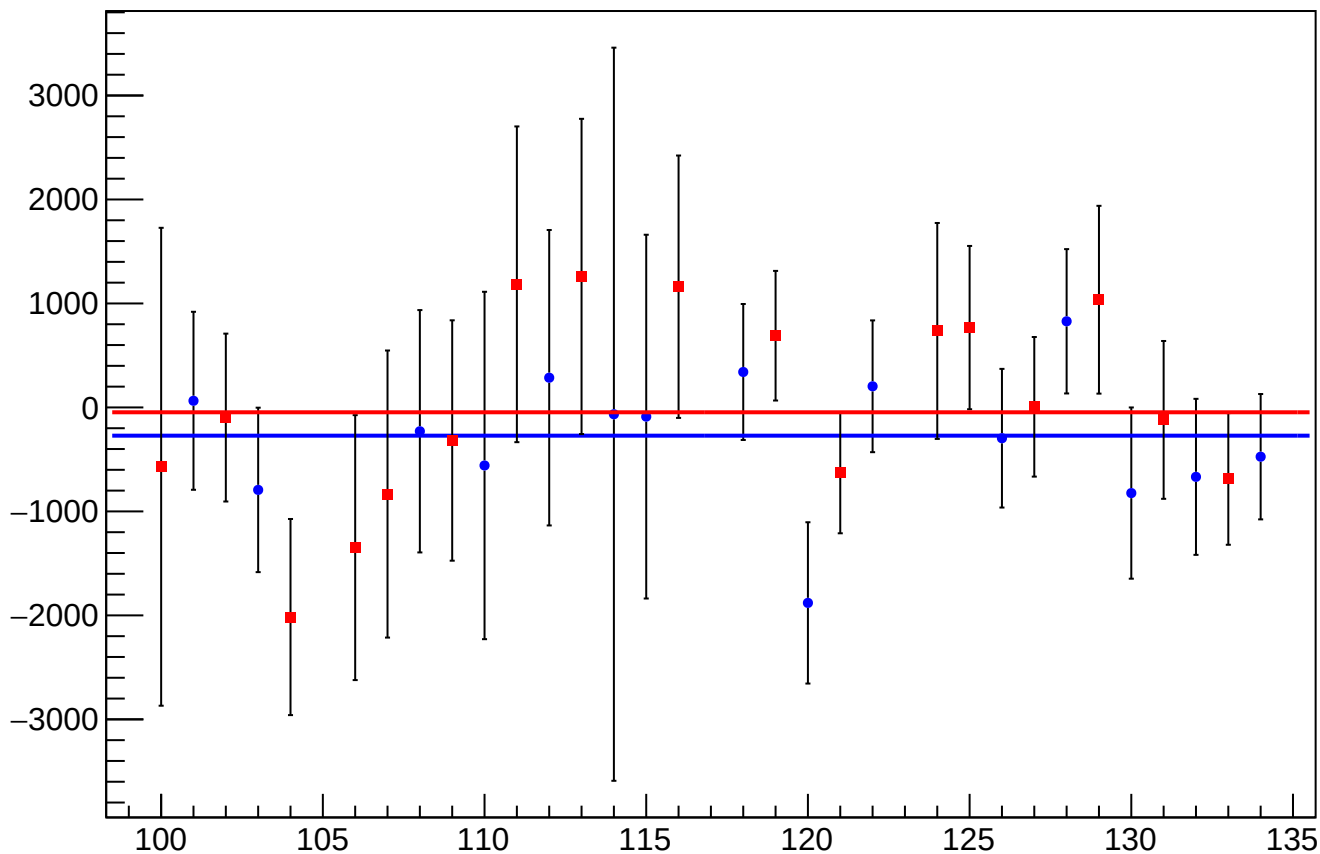
Right: 82.531+/-0.017 χ^2/NDF : 1724994.8/31

In: 81.746+/-0.024 χ^2/NDF : 818296.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.531+/-0.017 χ^2/NDF : 1724994.8/31

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -271.578+/-214.280 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -46.672+/-213.315 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

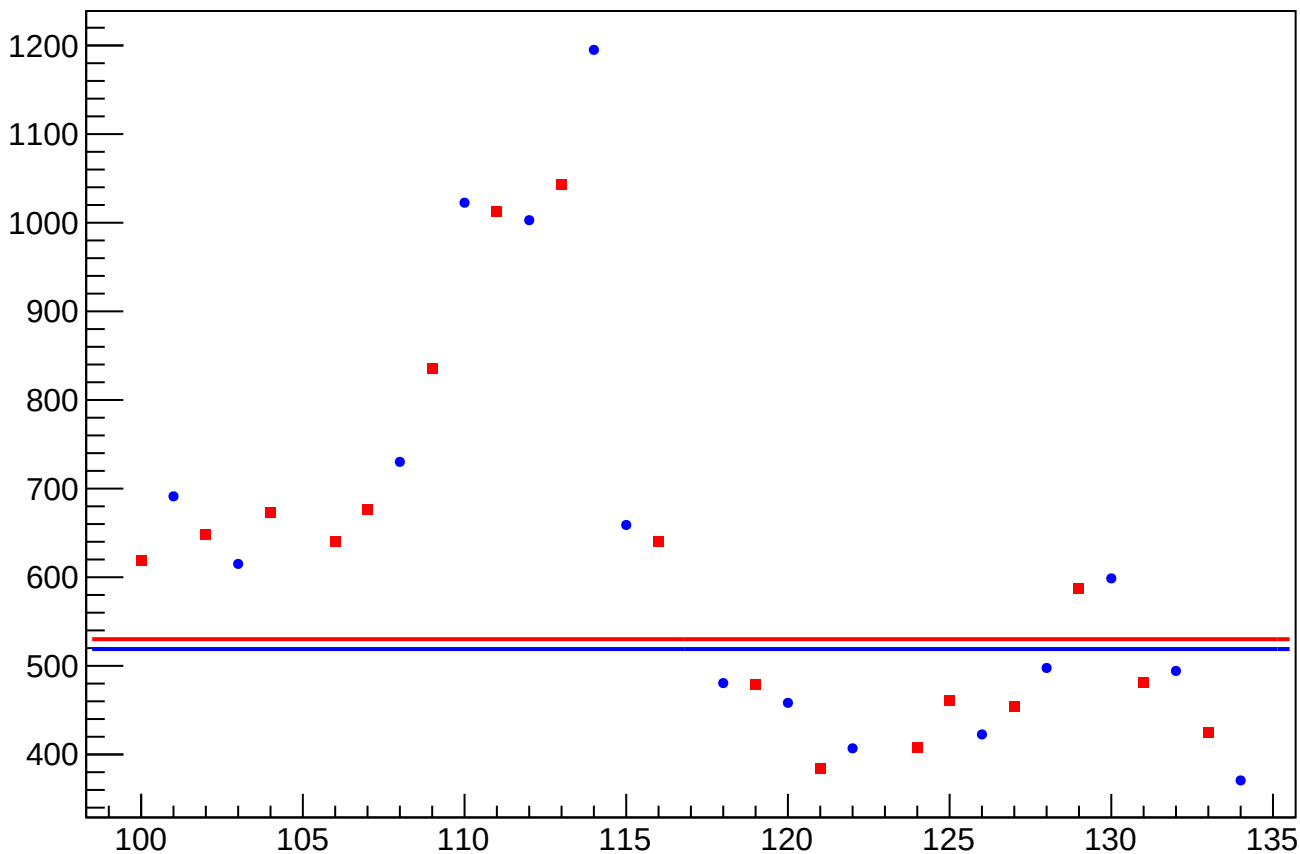
Right: -158.617+/-151.177 χ^2/NDF : 25.1/31

In: -271.578+/-214.280 χ^2/NDF :9.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -158.617+/-151.177 χ^2/NDF : 25.1/31

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 518.961+/-0.152 χ^2/NDF : 943502.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.102+/-0.151 χ^2/NDF : 995515.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

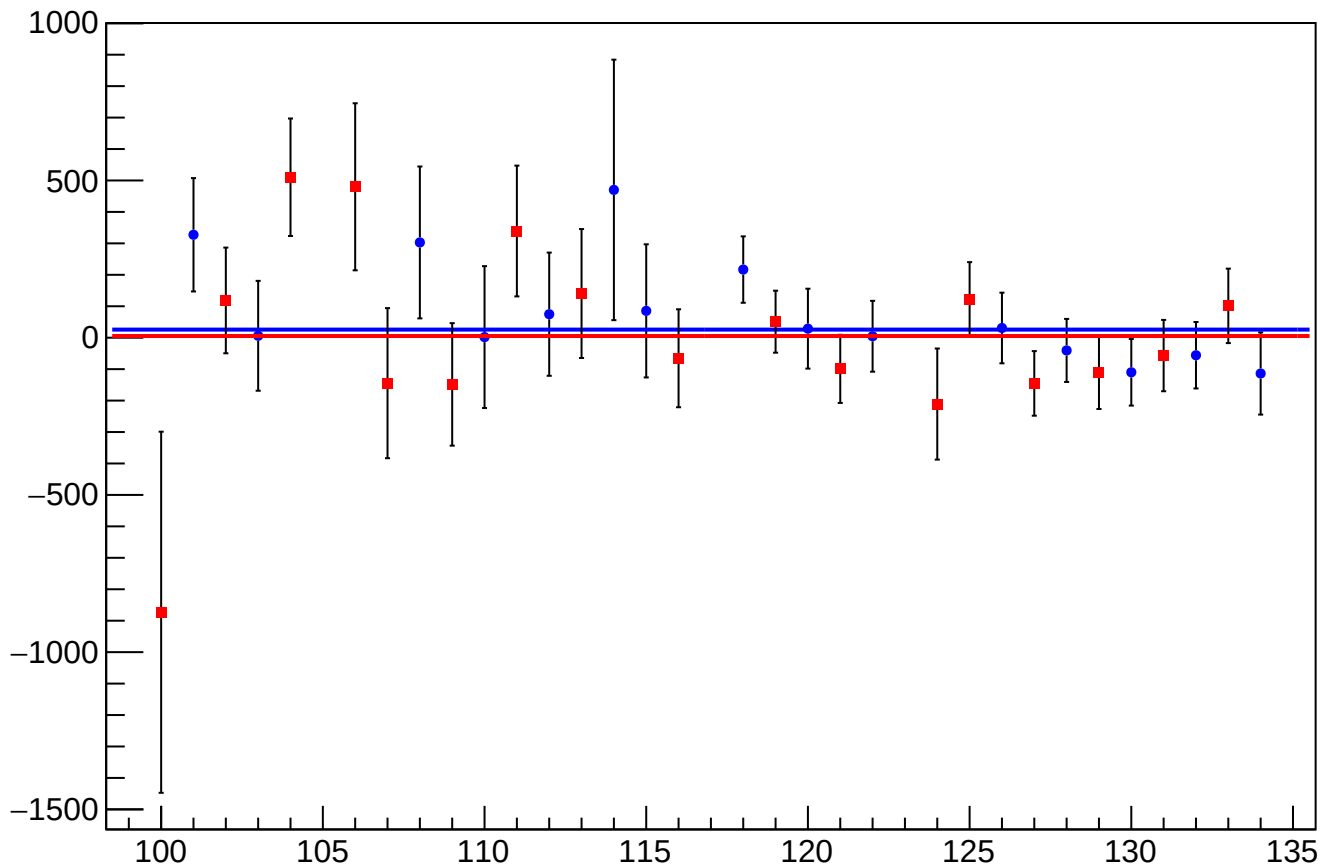
Right: 524.556+/-0.107 χ^2/NDF : 1941732.7/31

In: 518.961+/-0.152 χ^2/NDF : 943502.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.556+/-0.107 χ^2/NDF : 1941732.7/31

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 25.773+/-35.336 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.360+/-34.820 χ^2/NDF : 25.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

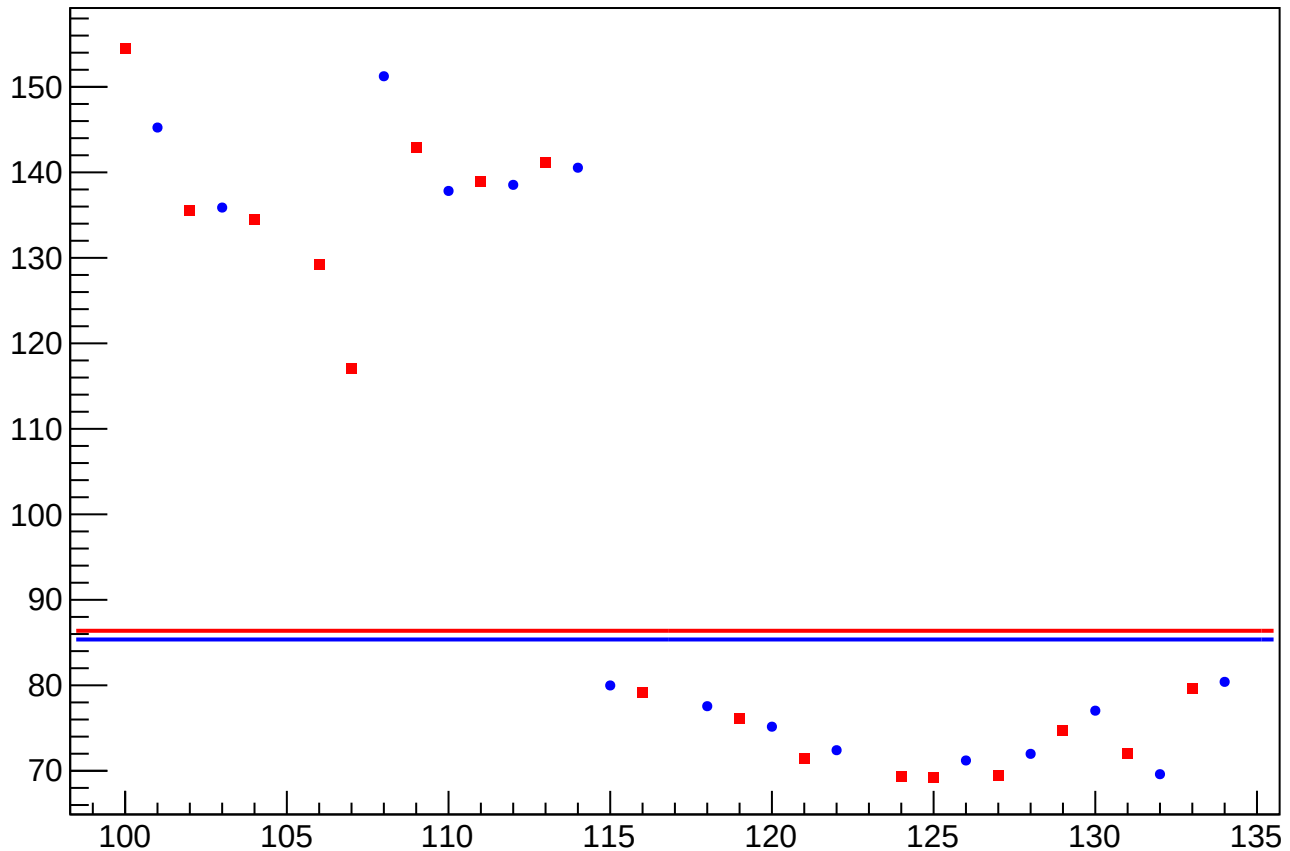
Right: 15.417+/-24.802 χ^2/NDF : 38.0/31

In: 25.773+/-35.336 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.417+/-24.802 χ^2/NDF : 38.0/31

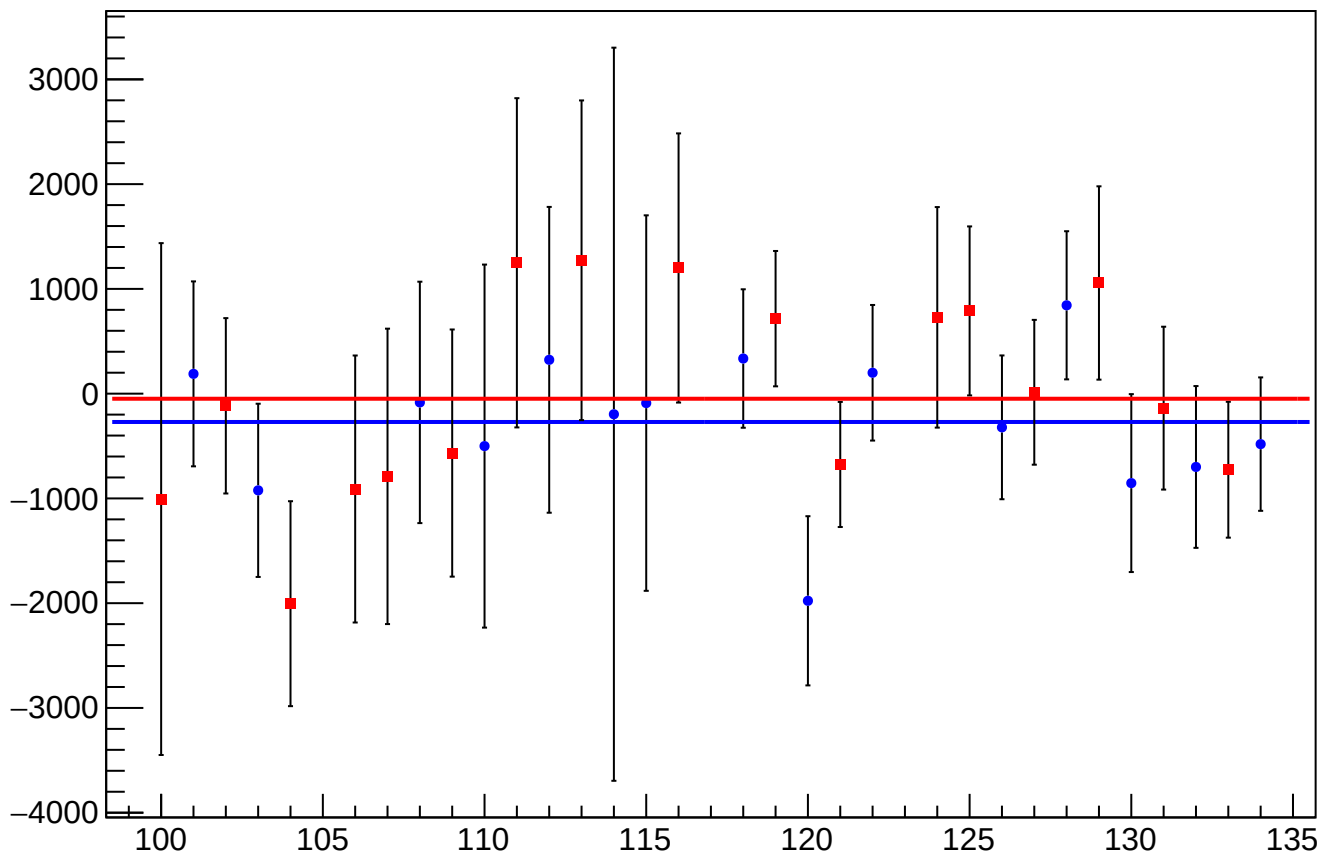
dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.361+/-0.025 χ^2/NDF : 1006534.9/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 86.380+/-0.025 χ^2/NDF : 1093346.6/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 85.878+/-0.018 χ^2/NDF : 2100724.8/31
 In: 85.361+/-0.025 χ^2/NDF : 1006534.9/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 85.878+/-0.018 χ^2/NDF : 2100724.8/31

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -270.372+/-220.543 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.503+/-218.950 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

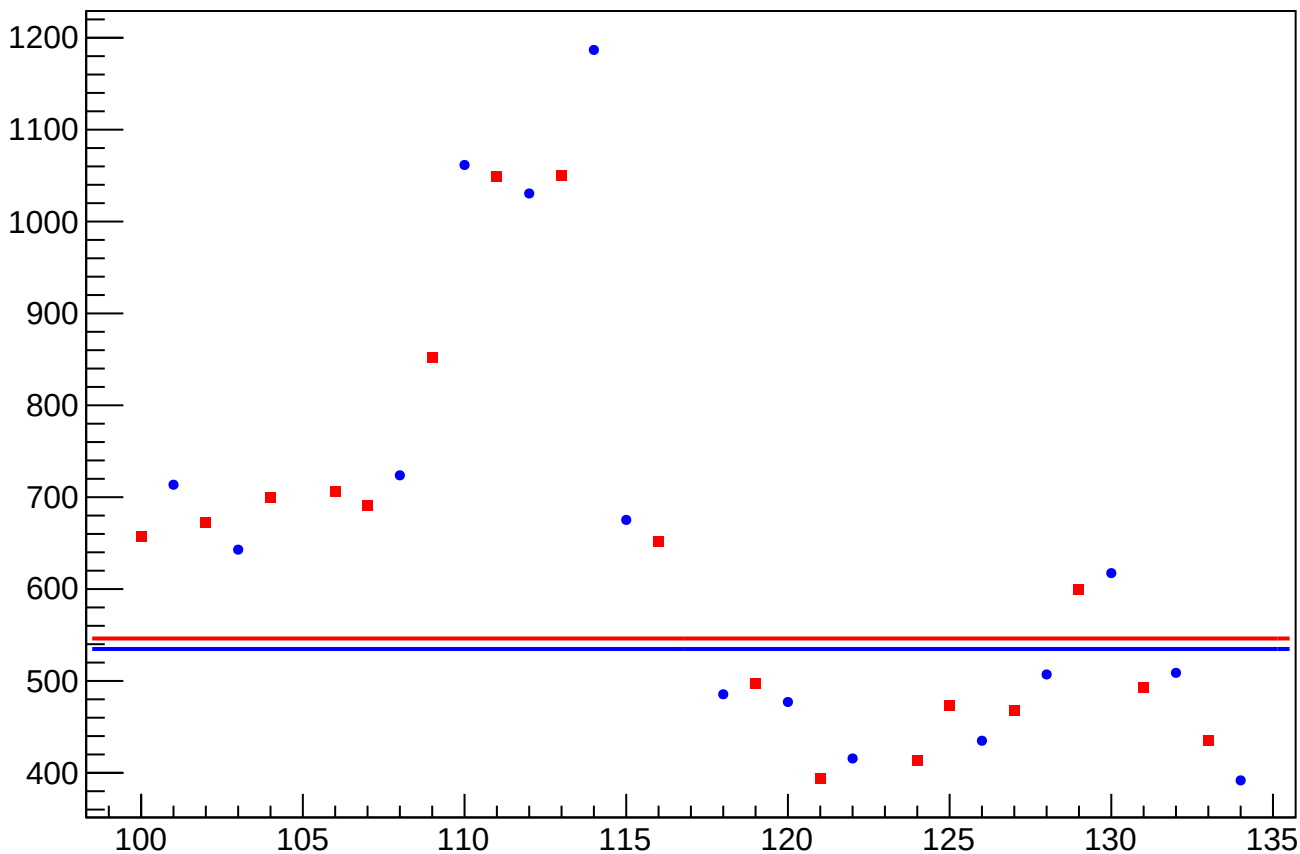
Right: -158.633+/-155.381 χ^2/NDF : 25.0/31

In: -270.372+/-220.543 χ^2/NDF : 10.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.633+/-155.381 χ^2/NDF : 25.0/31

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.797+/-0.156 χ^2/NDF : 923973.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.216+/-0.155 χ^2/NDF : 1014374.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

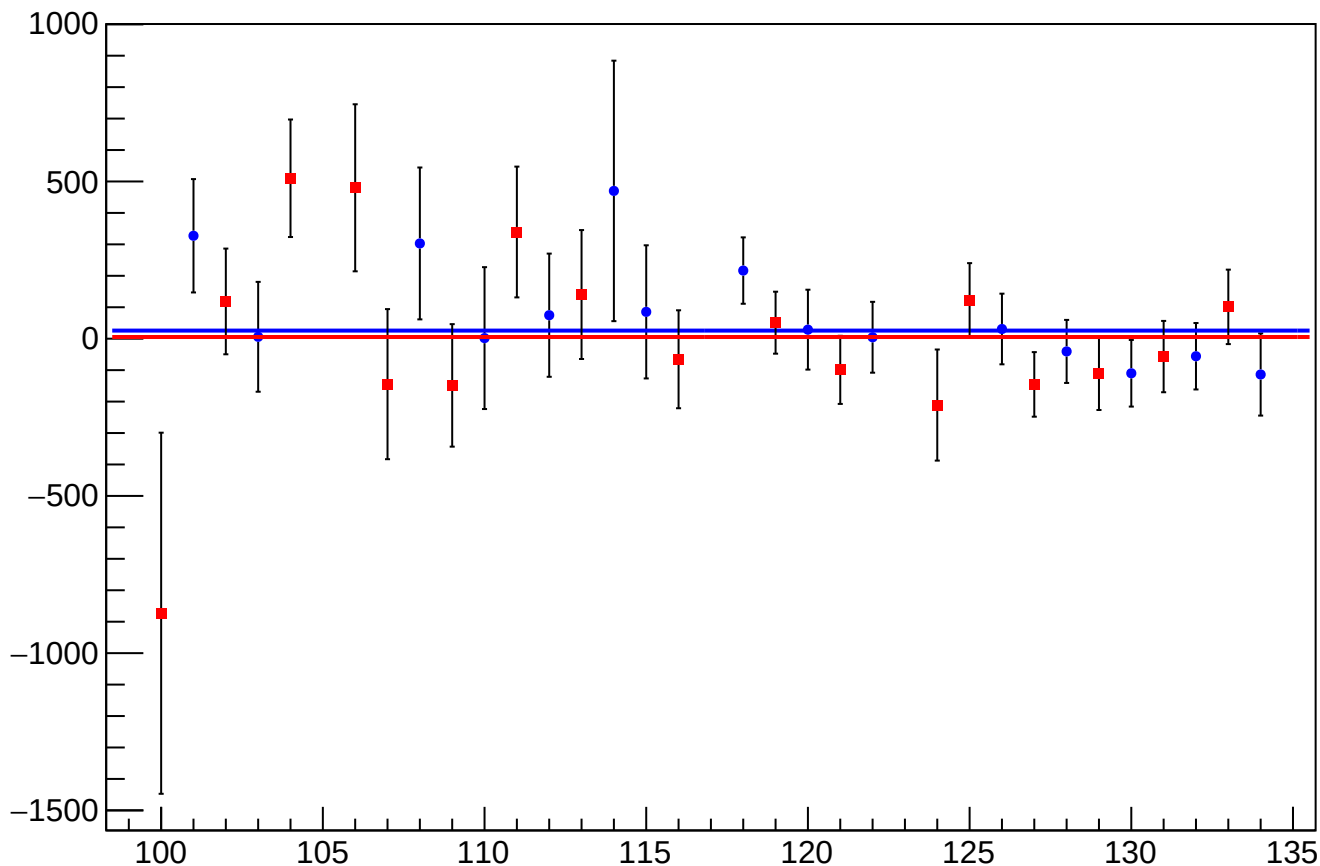
Right: 540.548+/-0.110 χ^2/NDF : 1941048.7/31

In: 534.797+/-0.156 χ^2/NDF : 923973.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.548+/-0.110 χ^2/NDF : 1941048.7/31

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 25.773+/-35.336 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.359+/-34.820 χ^2/NDF : 25.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

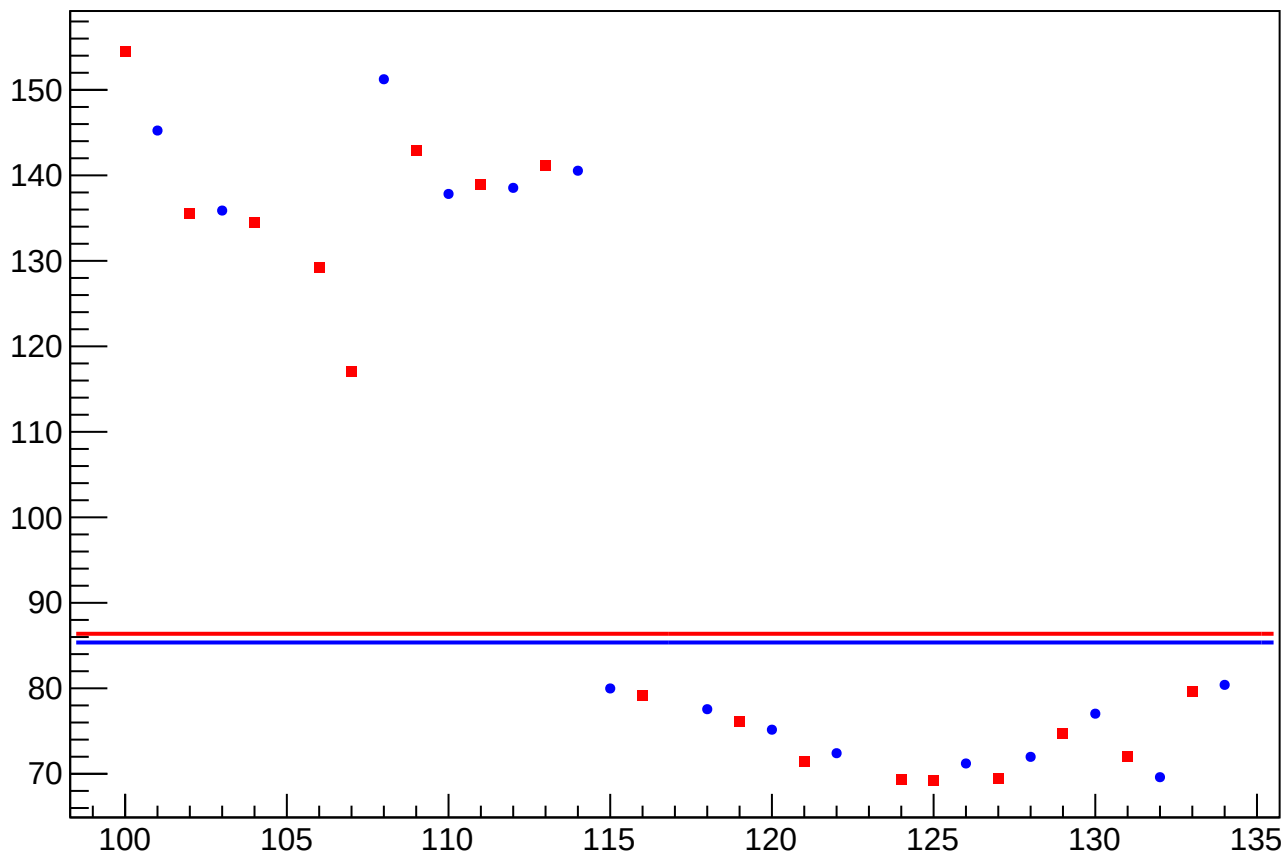
Right: 15.416+/-24.802 χ^2/NDF : 38.0/31

In: 25.773+/-35.336 χ^2/NDF : 12.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.416+/-24.802 χ^2/NDF : 38.0/31

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.361+/-0.025 χ^2/NDF : 1006534.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.380+/-0.025 χ^2/NDF : 1093345.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

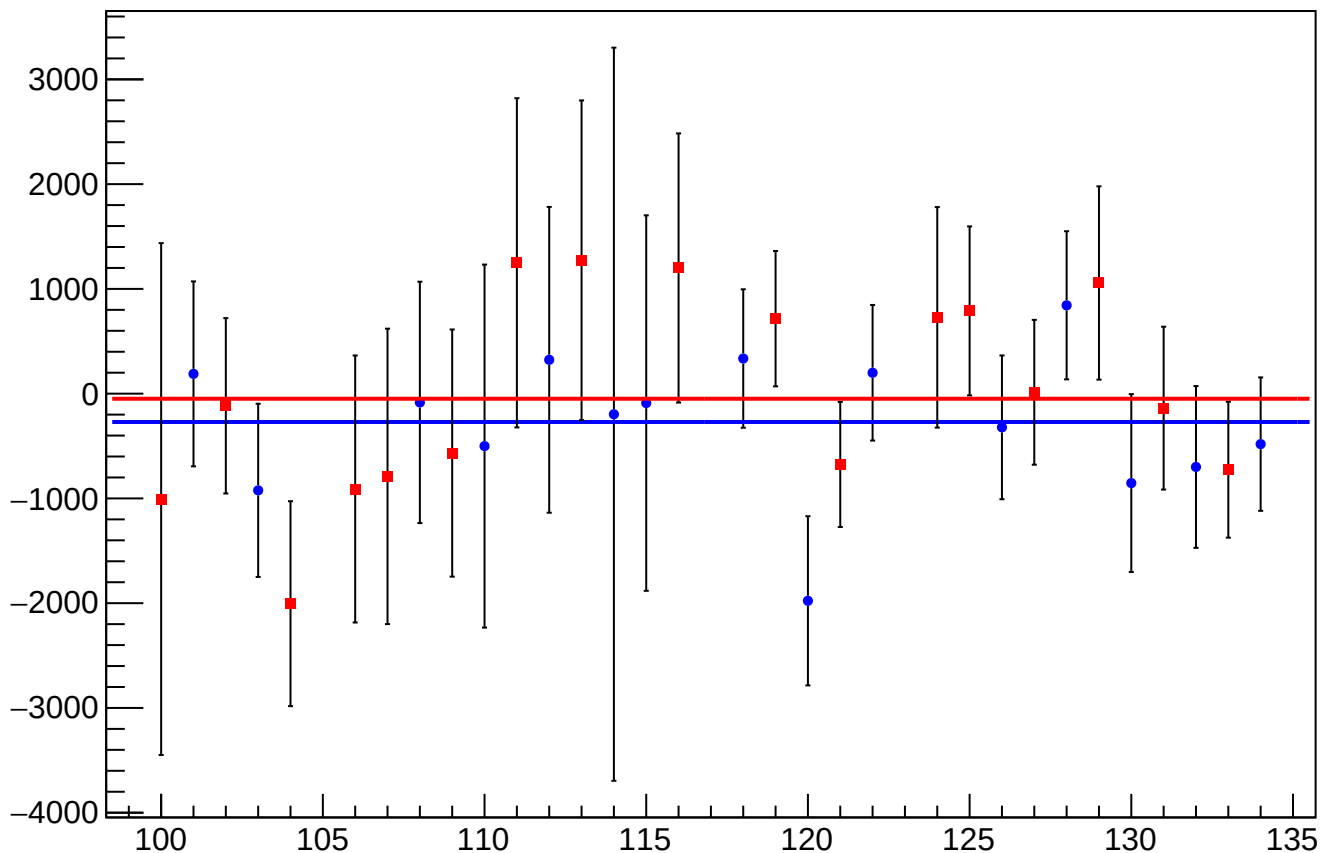
Right: 85.878+/-0.018 χ^2/NDF : 2100723.8/31

In: 85.361+/-0.025 χ^2/NDF : 1006534.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.878+/-0.018 χ^2/NDF : 2100723.8/31

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -270.372 $\pm$ 220.542 χ^2 /NDF: 10.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.504 $\pm$ 218.949 χ^2 /NDF: 14.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

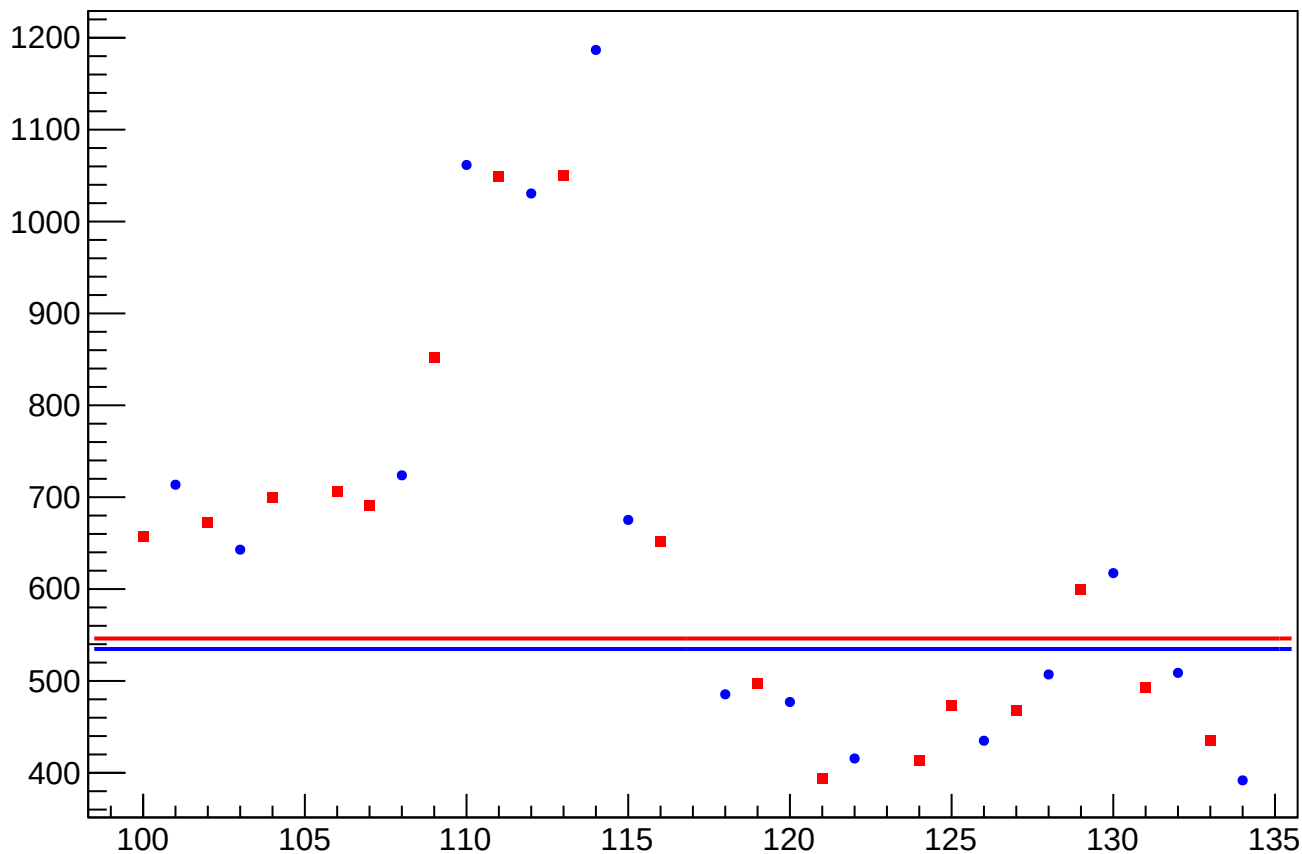
Right: -158.634 $\pm$ 155.381 χ^2 /NDF: 25.0/31

In: -270.372 $\pm$ 220.542 χ^2 /NDF:10.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -158.634 $\pm$ 155.381 χ^2 /NDF: 25.0/31

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.796+/-0.156 χ^2/NDF : 923972.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.216+/-0.155 χ^2/NDF : 1014375.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

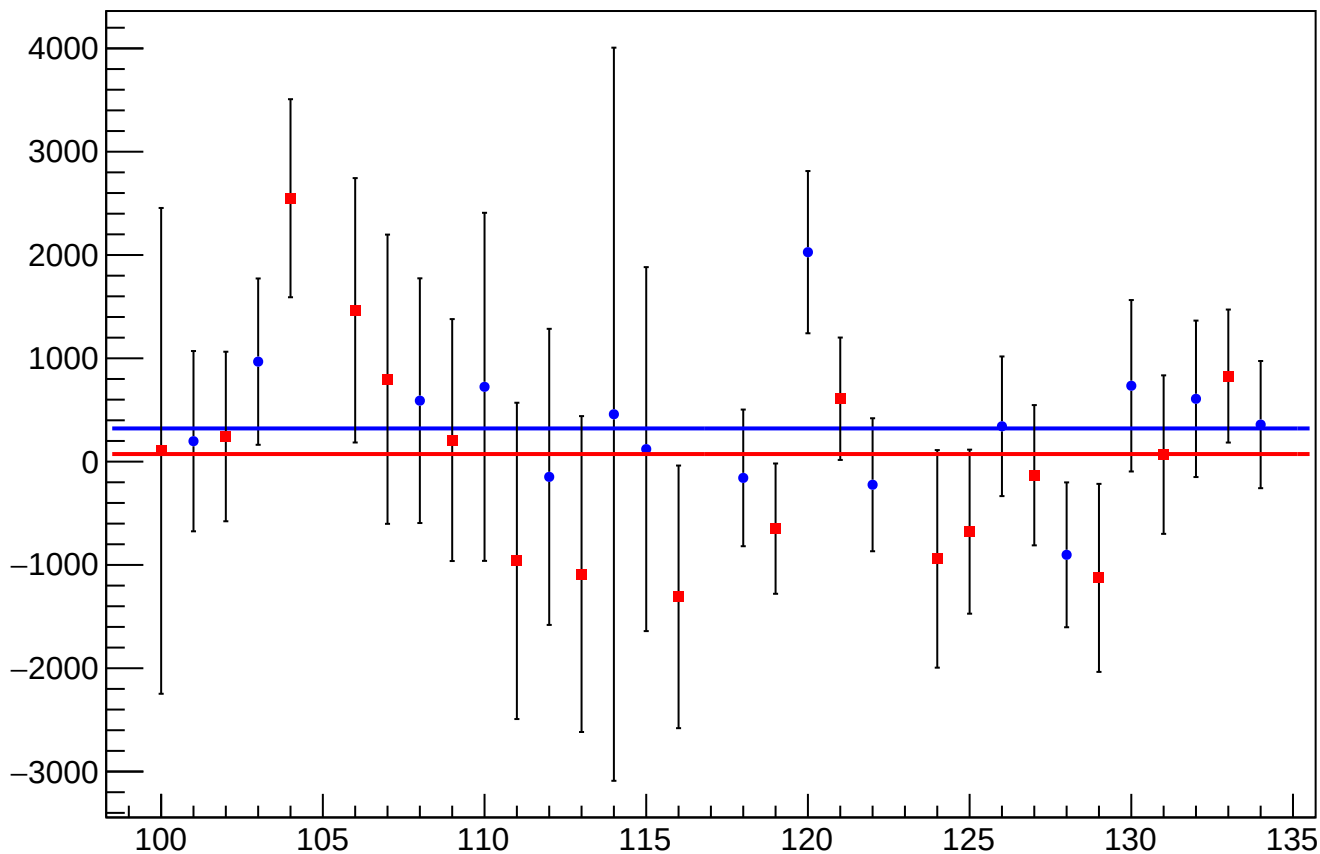
Right: 540.547+/-0.110 χ^2/NDF : 1941049.3/31

In: 534.796+/-0.156 χ^2/NDF : 923972.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.547+/-0.110 χ^2/NDF : 1941049.3/31

asym_sam1_mean vs Slug, Sign Corrected



Right In: 321.267+/-217.232 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.393+/-216.068 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

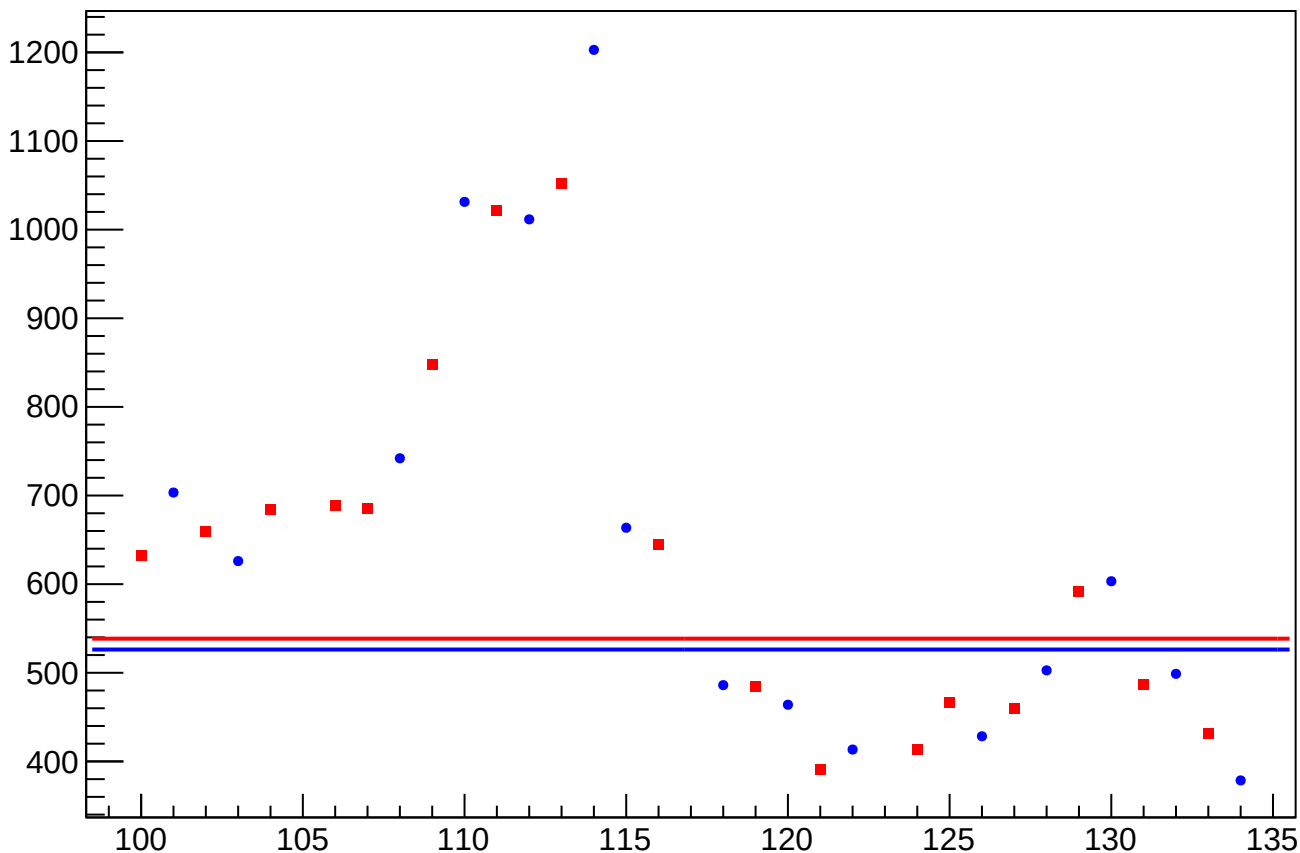
Right: 196.663+/-153.193 χ^2/NDF : 28.5/31

In: 321.267+/-217.232 χ^2/NDF : 10.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.663+/-153.193 χ^2/NDF : 28.5/31

asym_sam1_rms vs Slug, Sign Corrected



Right In: 526.236+/-0.154 χ^2/NDF : 934197.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 538.500+/-0.153 χ^2/NDF : 1003211.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

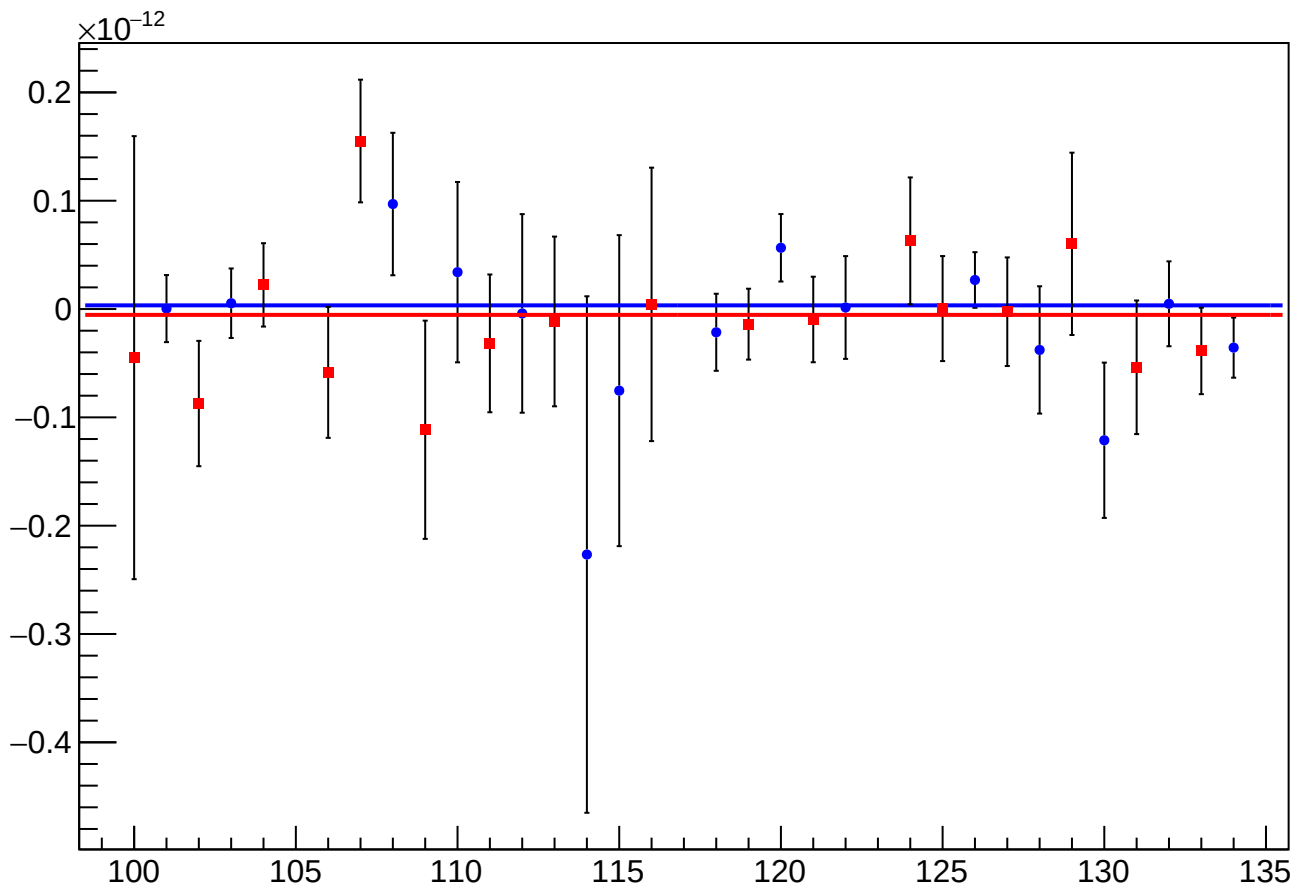
Right: 532.401+/-0.108 χ^2/NDF : 1940613.6/31

In: 526.236+/-0.154 χ^2/NDF :934197.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 532.401+/-0.108 χ^2/NDF : 1940613.6/31

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

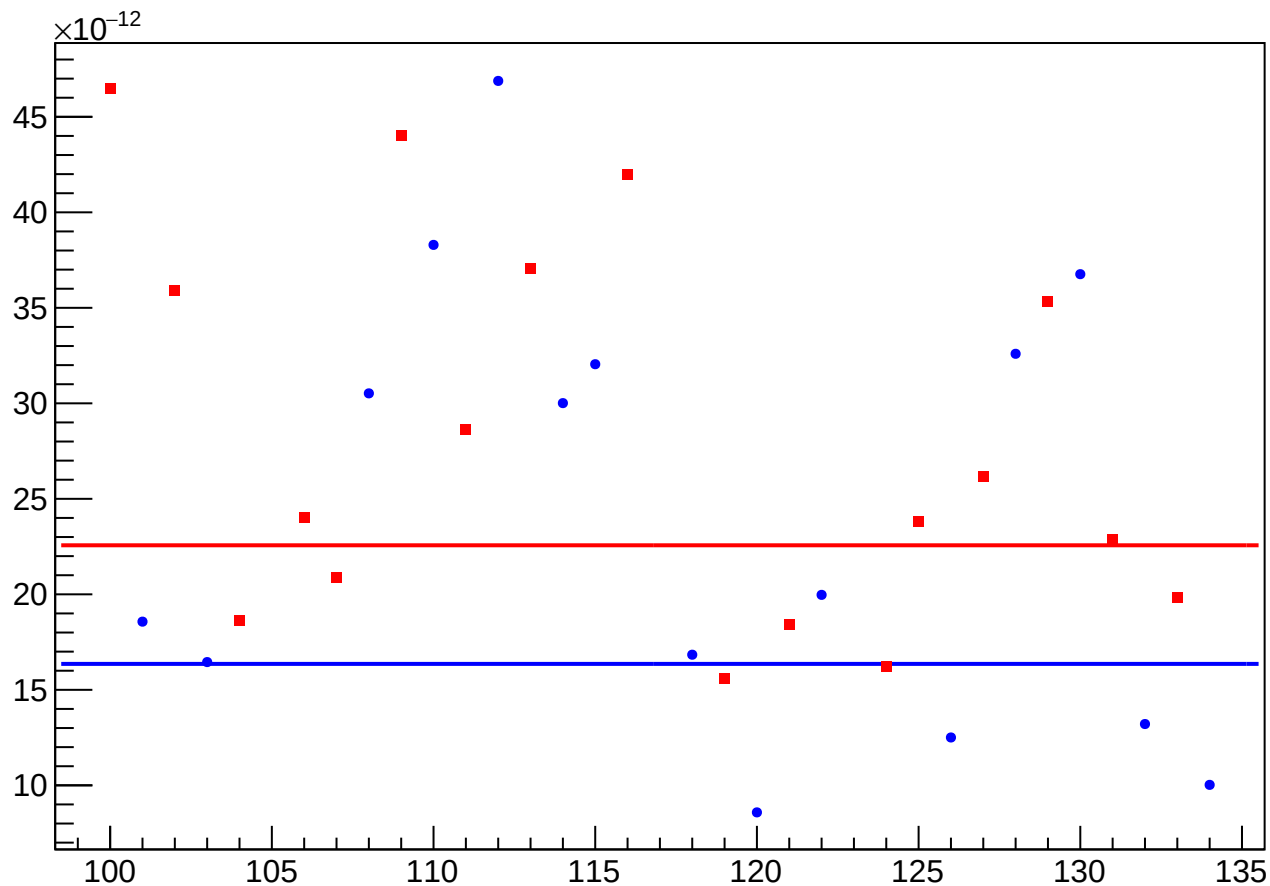
Right: -0.000+/-0.000 χ^2/NDF : 29.4/31

In: 0.000+/-0.000 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.4/31

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1107342.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 586509.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

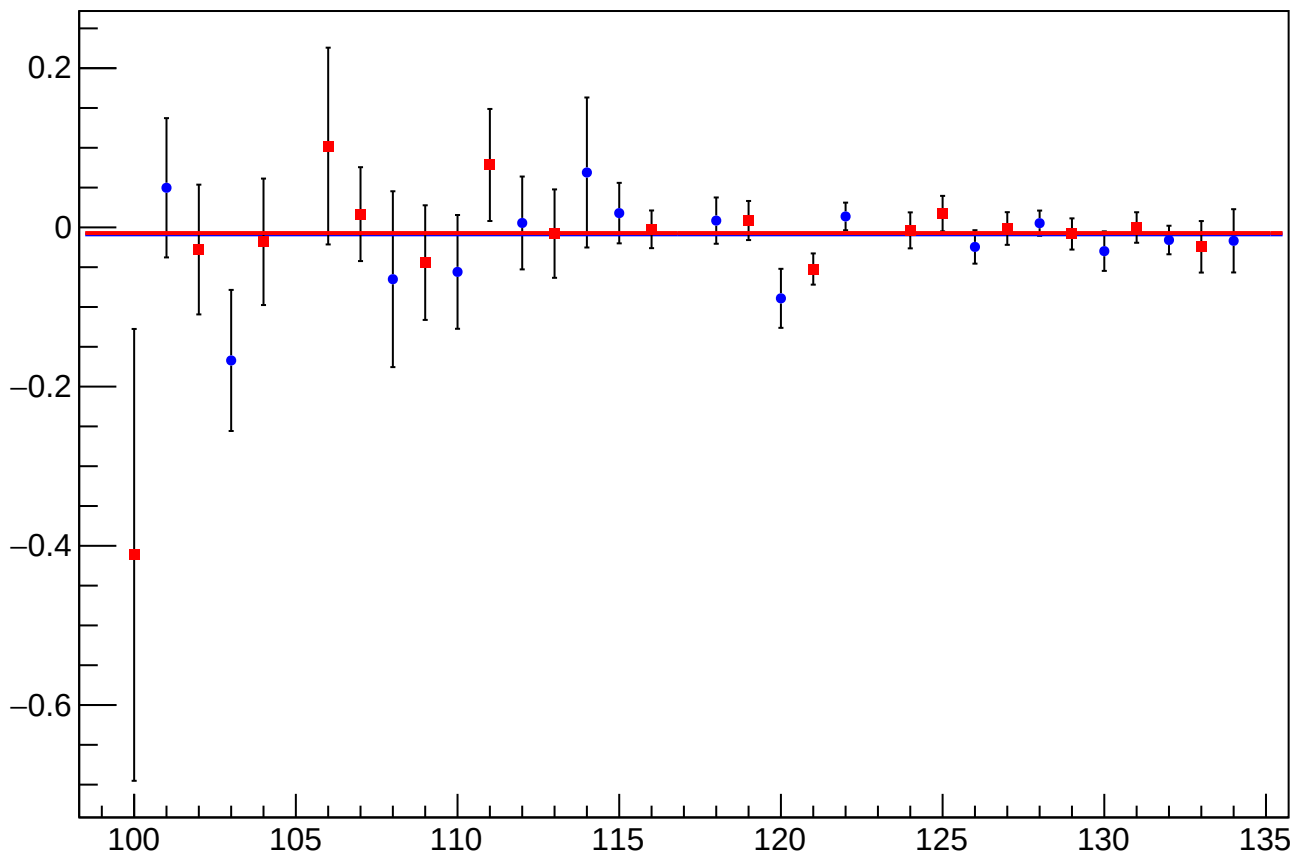
Right: 0.000+/-0.000 χ^2/NDF : 1965489.8/31

In: 0.000+/-0.000 χ^2/NDF : 1107342.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1965489.8/31

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.007 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.007 χ^2/NDF : 12.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

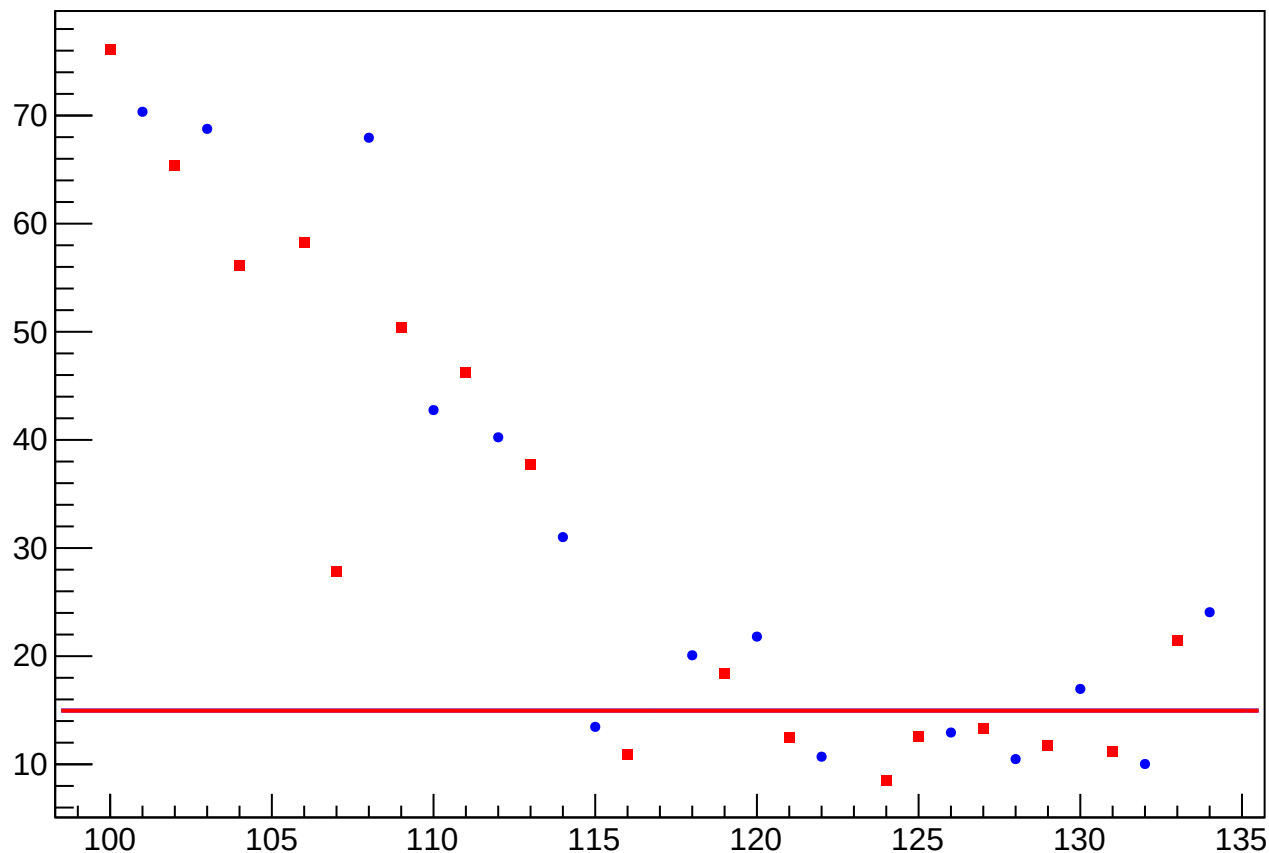
Right: -0.008 ± 0.005 χ^2/NDF : 26.9/31

In: -0.009 ± 0.007 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.005 χ^2/NDF : 26.9/31

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.973+/-0.005 χ^2/NDF : 3437623.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.959+/-0.005 χ^2/NDF : 3492196.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

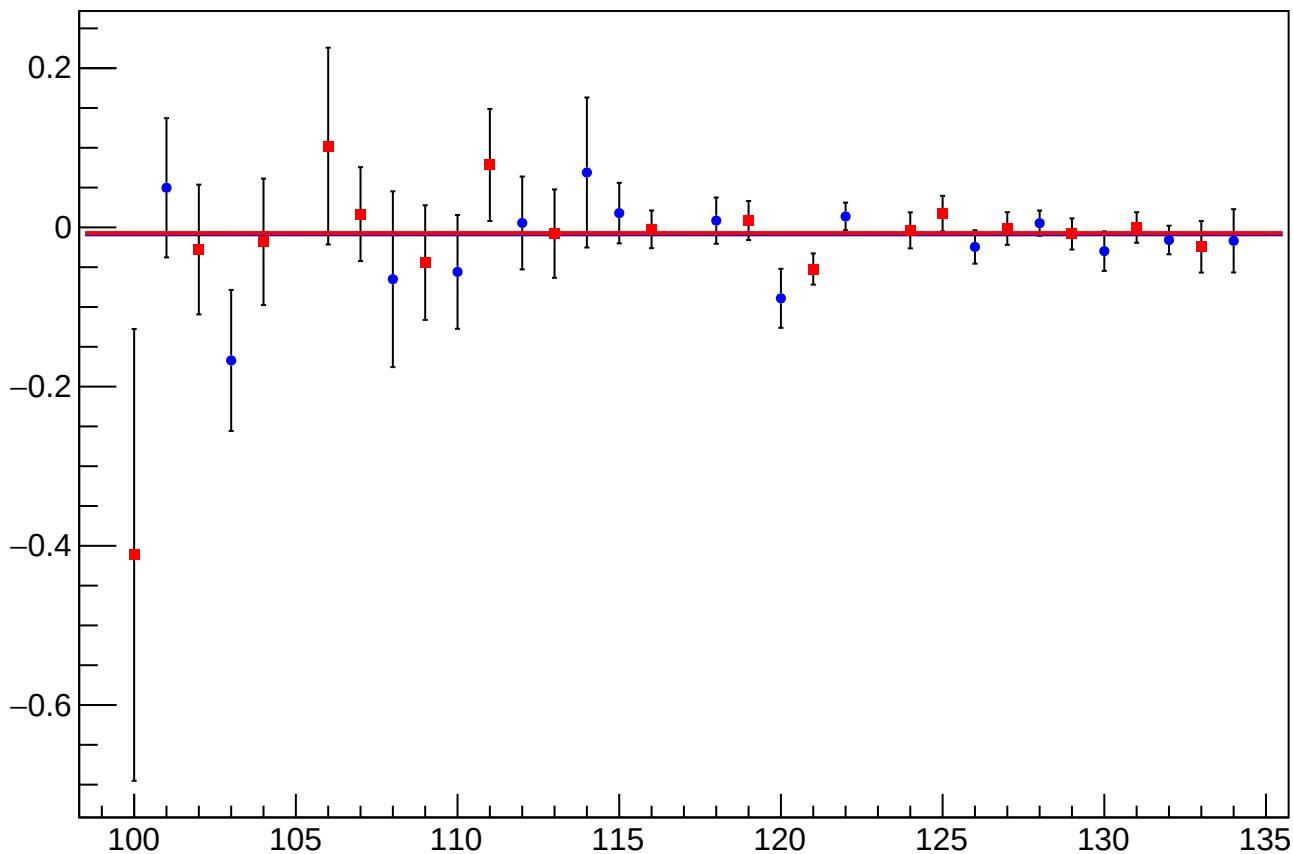
Right: 14.966+/-0.004 χ^2/NDF : 6929823.7/31

In: 14.973+/-0.005 χ^2/NDF : 3437623.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.966+/-0.004 χ^2/NDF : 6929823.7/31

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.007 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.007 χ^2/NDF : 12.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

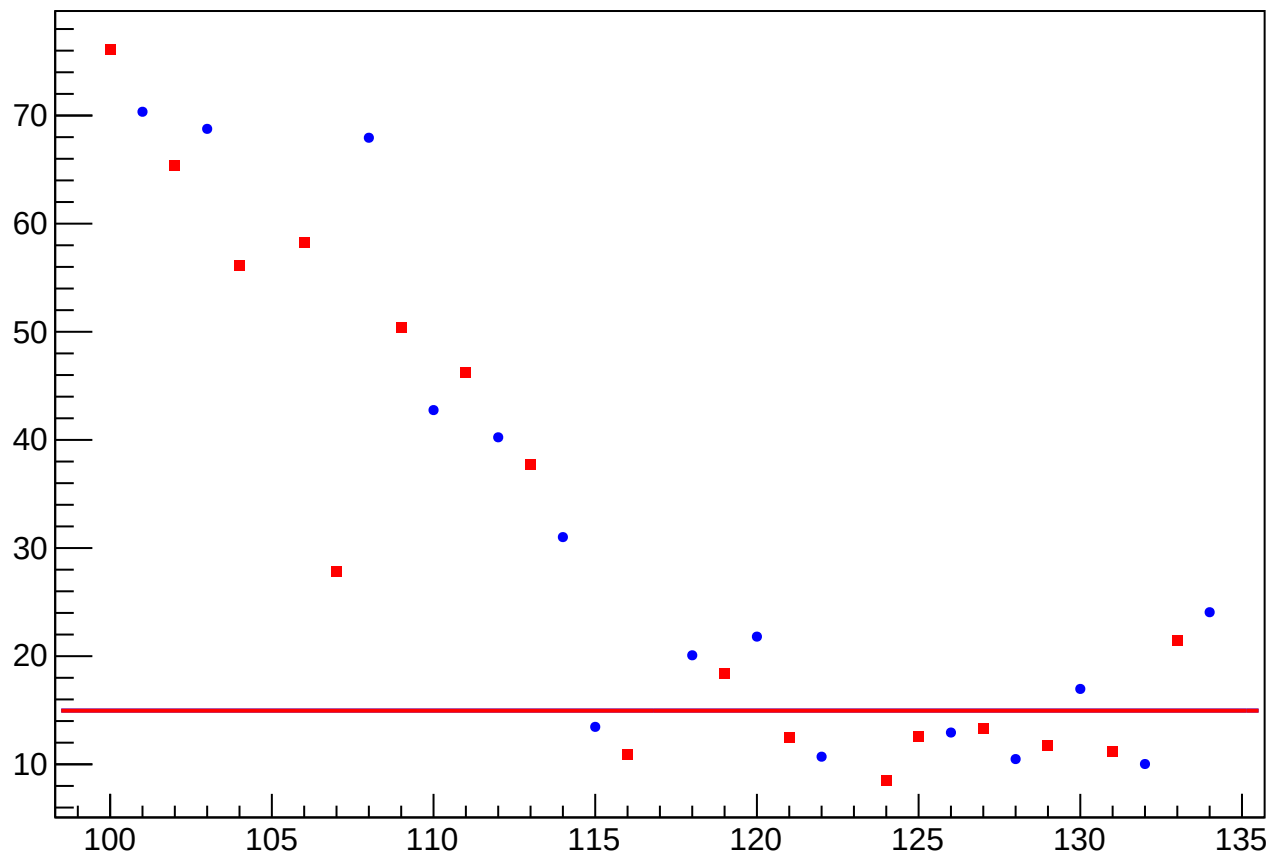
Right: -0.008 ± 0.005 χ^2/NDF : 26.9/31

In: -0.009 ± 0.007 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.005 χ^2/NDF : 26.9/31

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.973+/-0.005 χ^2/NDF : 3437623.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.959+/-0.005 χ^2/NDF : 3492196.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

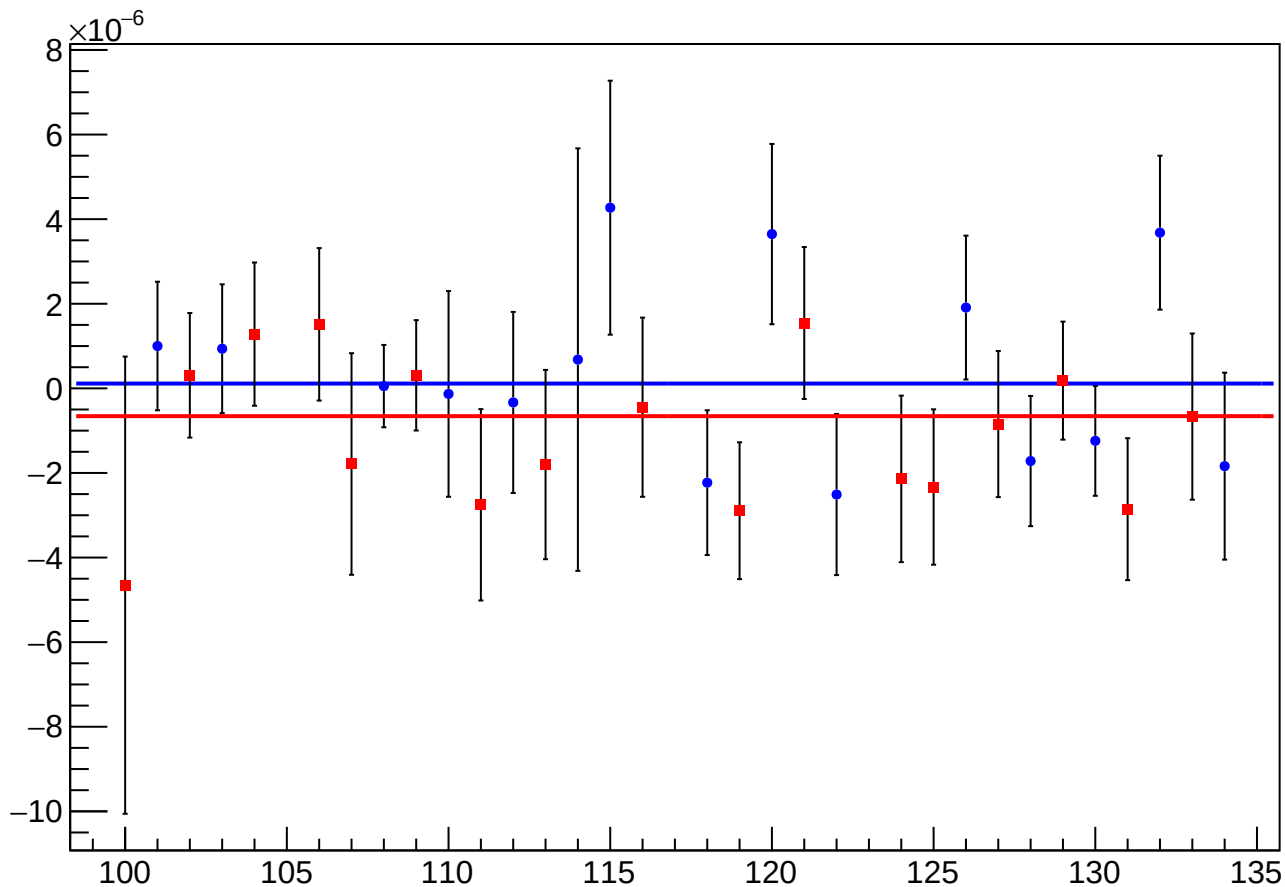
Right: 14.966+/-0.004 χ^2/NDF : 6929823.7/31

In: 14.973+/-0.005 χ^2/NDF : 3437623.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.966+/-0.004 χ^2/NDF : 6929823.7/31

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

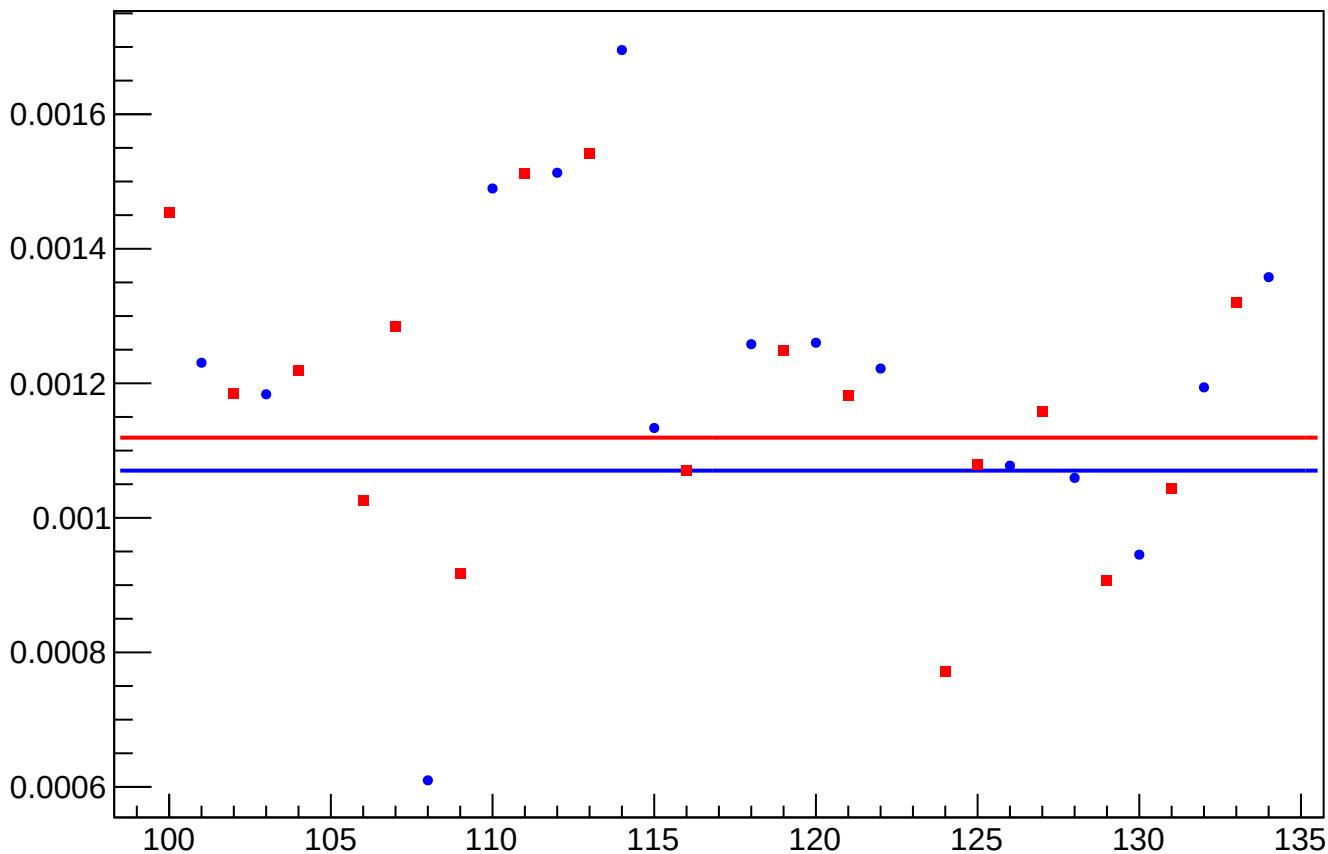
Right: -0.000+/-0.000 χ^2/NDF : 31.4/31

In: 0.000+/-0.000 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/31

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 773022.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 363777.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

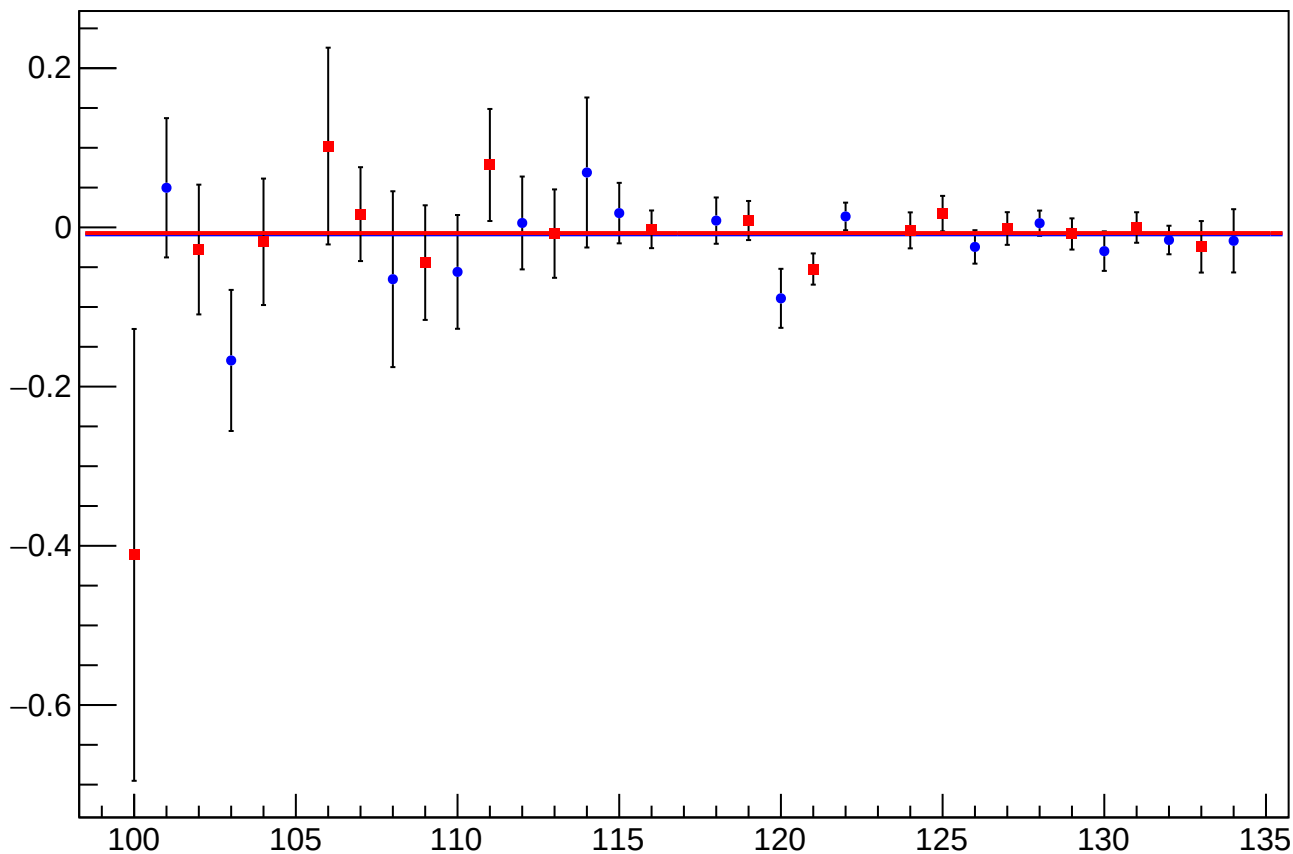
Right: 0.001+/-0.000 χ^2/NDF : 1149265.4/31

In: 0.001+/-0.000 χ^2/NDF :773022.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1149265.4/31

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.007 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.007 χ^2/NDF : 12.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

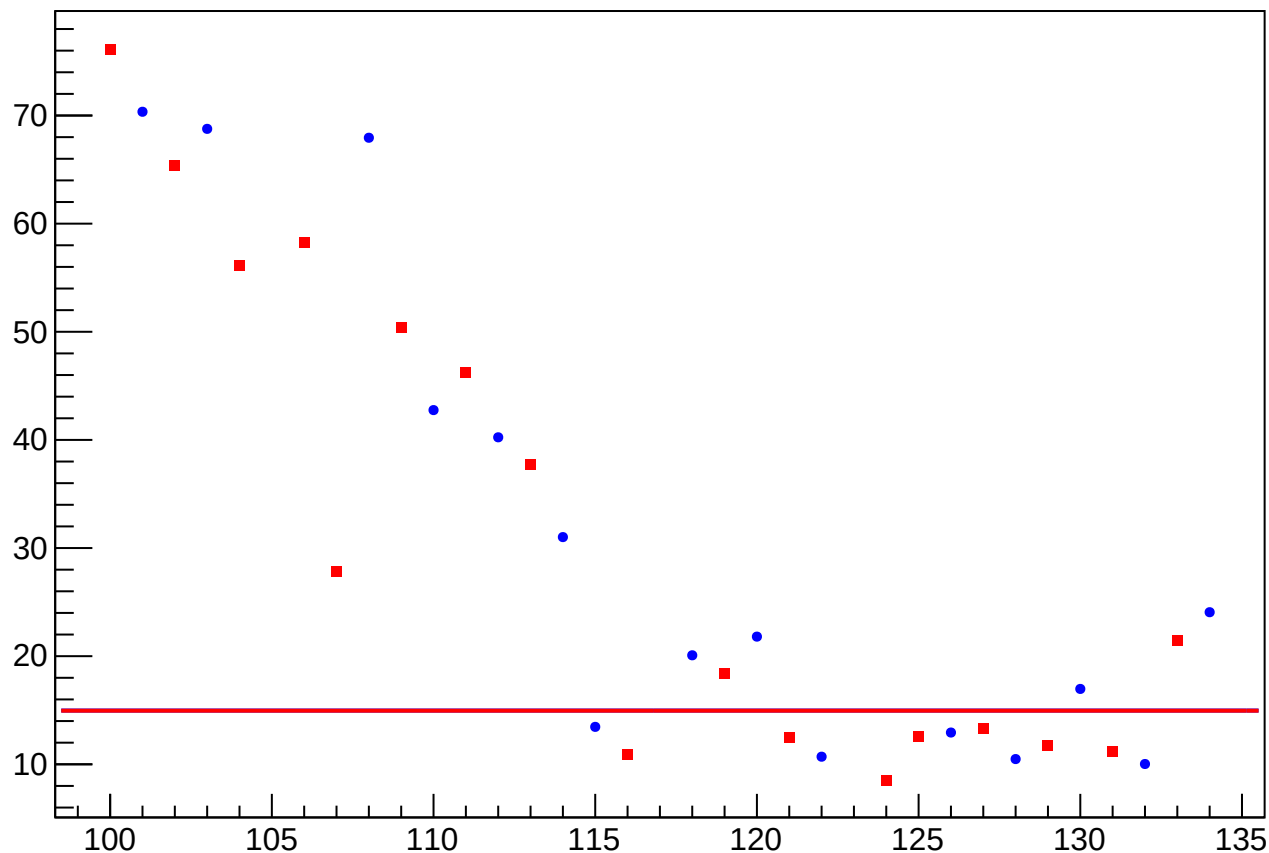
Right: -0.008+/-0.005 χ^2/NDF : 26.9/31

In: -0.009+/-0.007 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.005 χ^2/NDF : 26.9/31

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.972+/-0.005 χ^2/NDF : 3437641.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.959+/-0.005 χ^2/NDF : 3492221.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

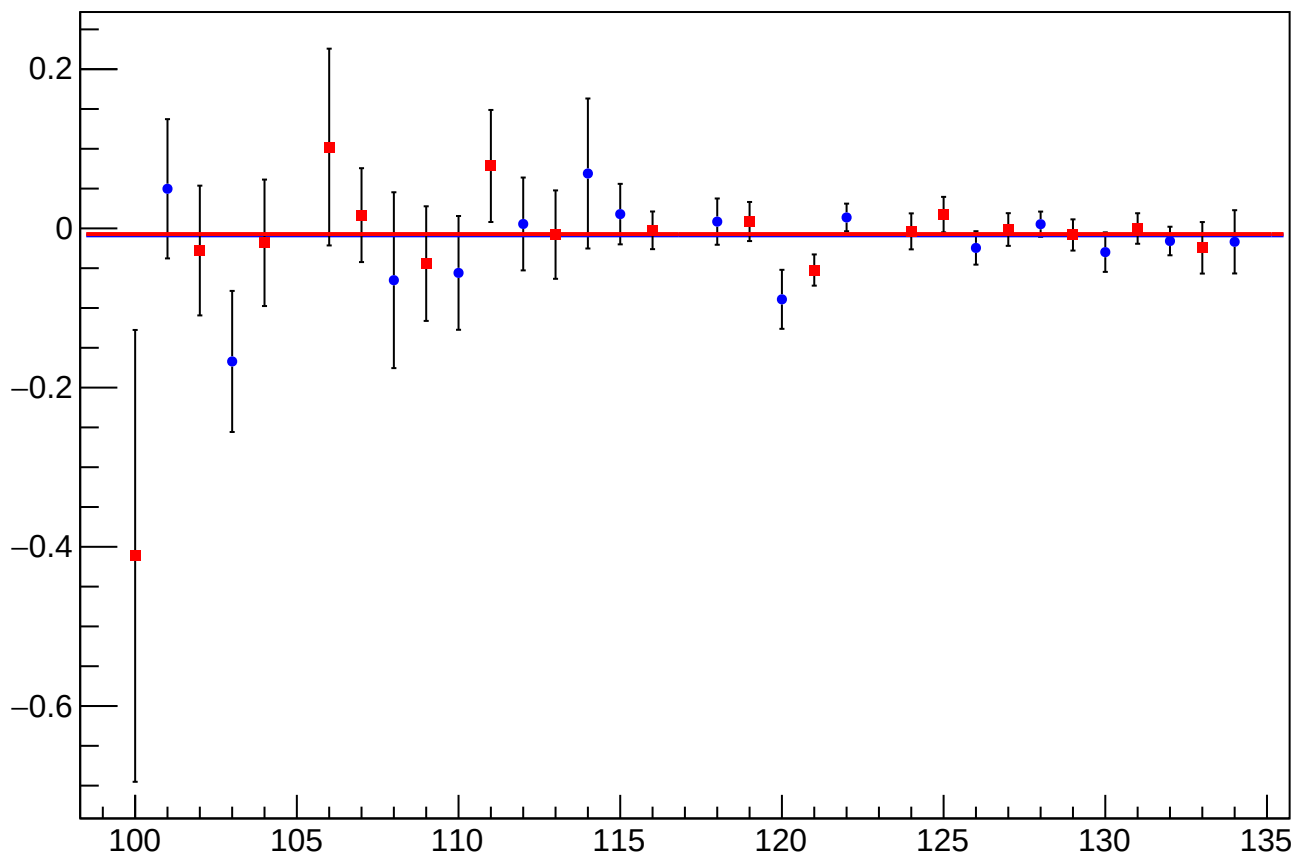
Right: 14.965+/-0.004 χ^2/NDF : 6929865.9/31

In: 14.972+/-0.005 χ^2/NDF :3437641.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.965+/-0.004 χ^2/NDF : 6929865.9/31

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.007 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.007 χ^2/NDF : 12.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

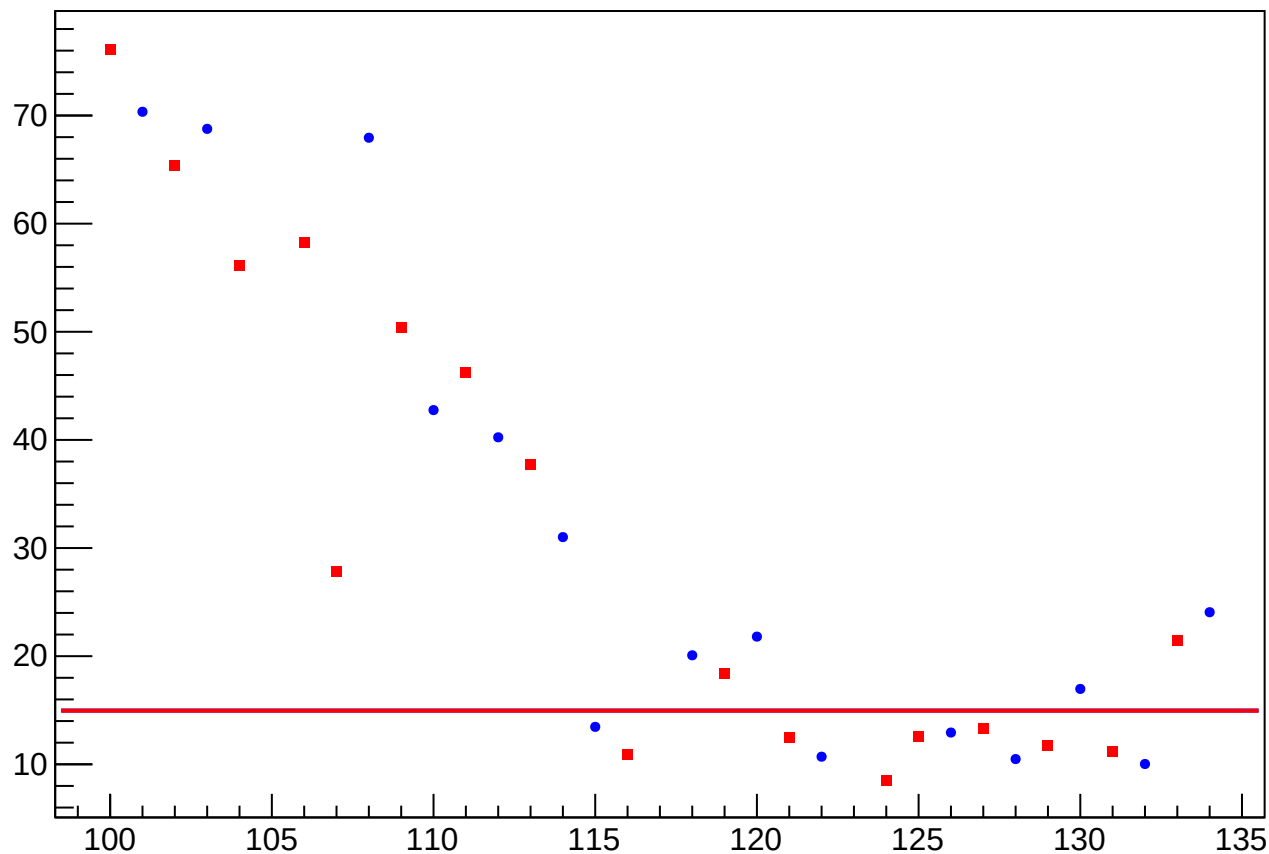
Right: -0.008+/-0.005 χ^2/NDF : 26.9/31

In: -0.009+/-0.007 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.005 χ^2/NDF : 26.9/31

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.972+/-0.005 χ^2 /NDF: 3437641.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.959+/-0.005 χ^2 /NDF: 3492221.3/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

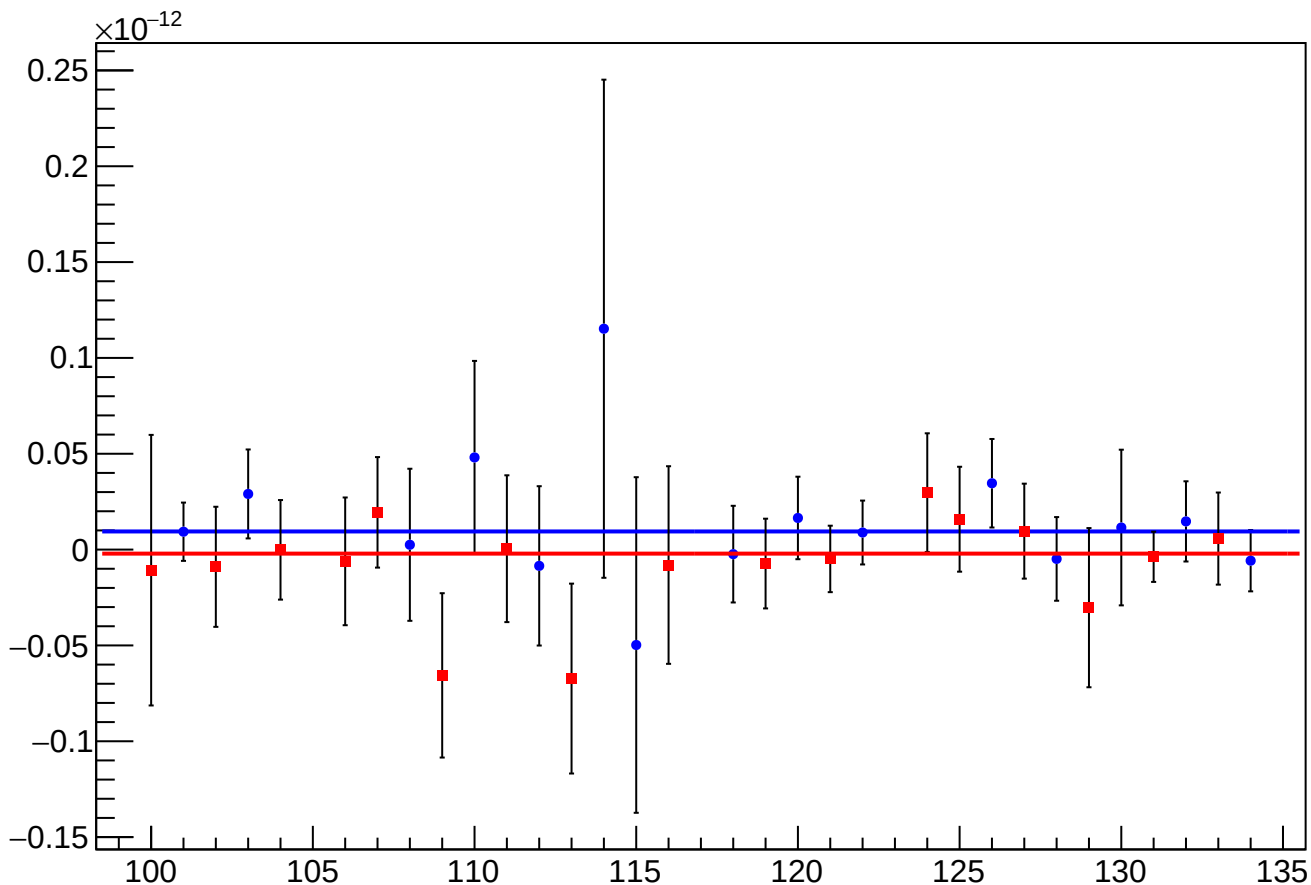
Right: 14.965+/-0.004 χ^2 /NDF: 6929865.9/31

In: 14.972+/-0.005 χ^2 /NDF:3437641.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.965+/-0.004 χ^2 /NDF: 6929865.9/31

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

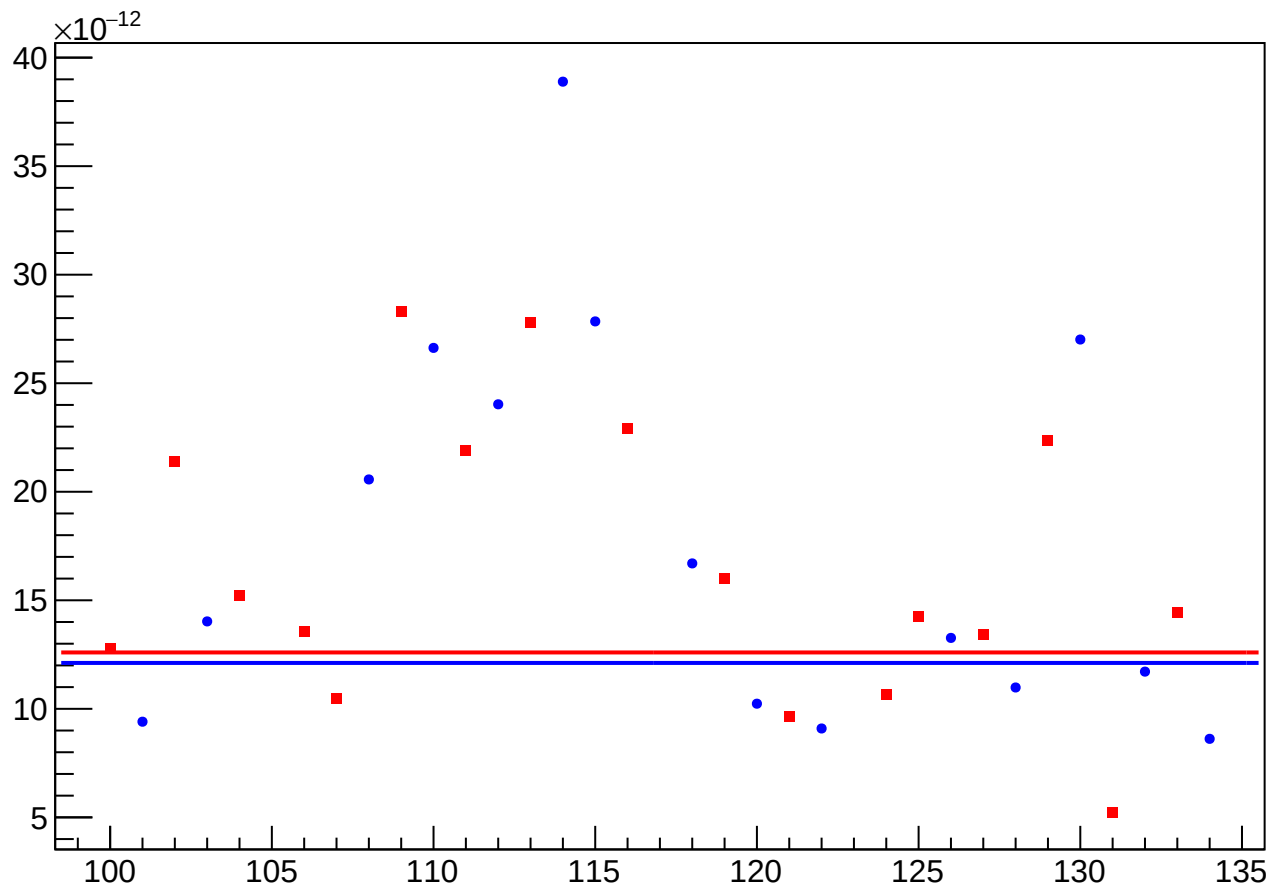
Right: 0.000+/-0.000 χ^2/NDF : 14.2/31

In: 0.000+/-0.000 χ^2/NDF : 5.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.2/31

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1170692.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1719977.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

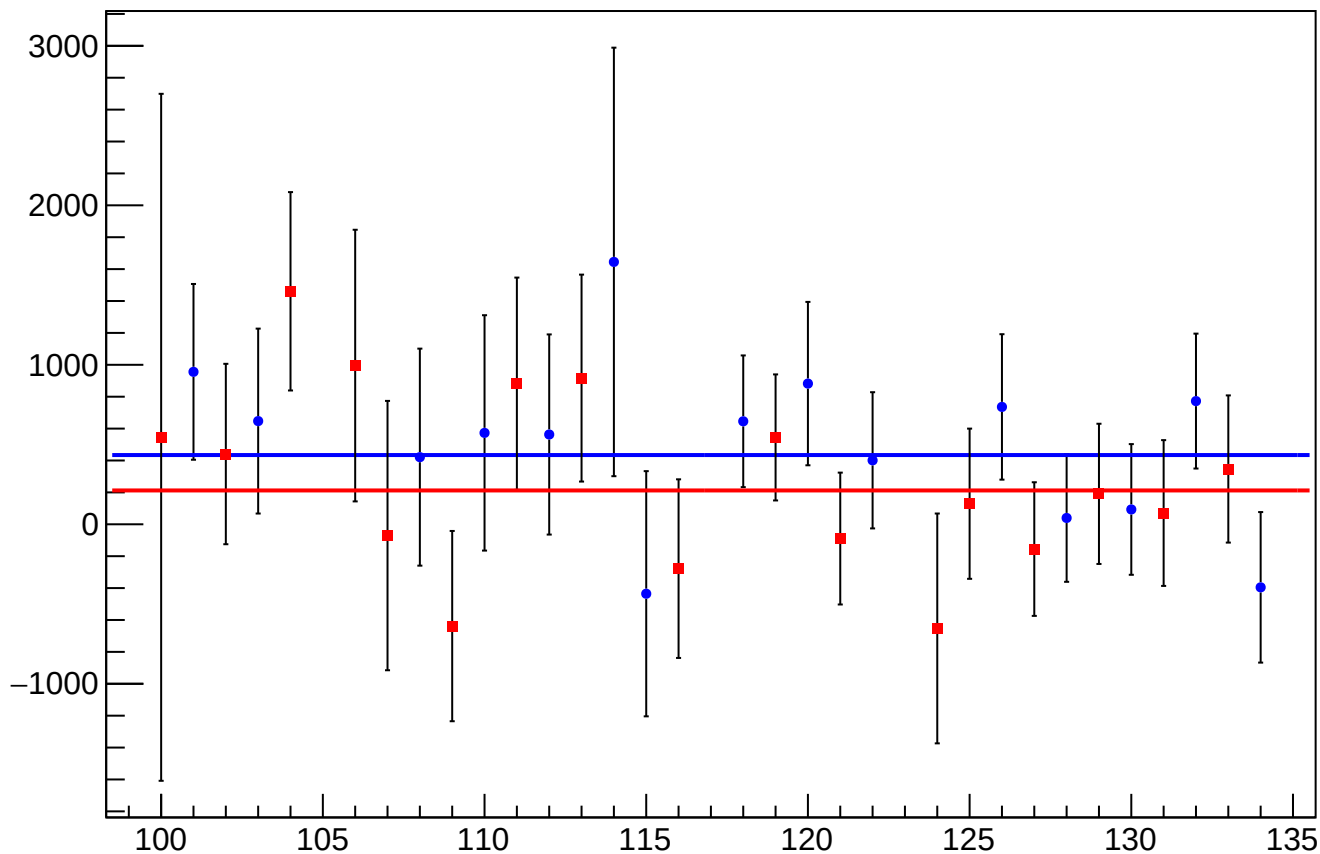
Right: 0.000+/-0.000 χ^2/NDF : 2896513.5/31

In: 0.000+/-0.000 χ^2/NDF : 1170692.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2896513.5/31

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 434.140 $\pm$ 132.112 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 212.184 $\pm$ 130.871 χ^2 /NDF: 13.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

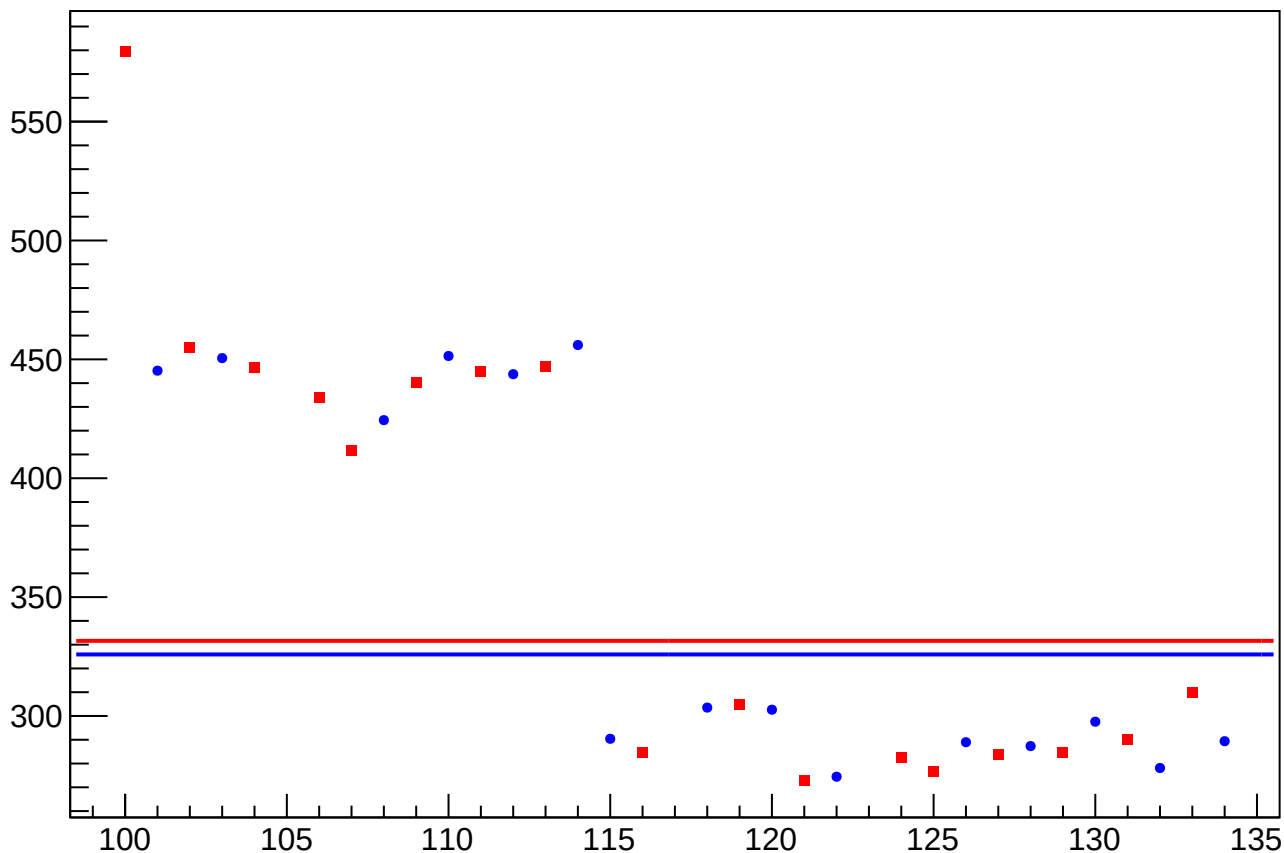
Right: 322.115 $\pm$ 92.975 χ^2 /NDF: 25.3/31

In: 434.140 $\pm$ 132.112 χ^2 /NDF:10.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.115 $\pm$ 92.975 χ^2 /NDF: 25.3/31

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 325.881+/-0.093 χ^2/NDF : 497362.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 331.608+/-0.093 χ^2/NDF : 594610.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

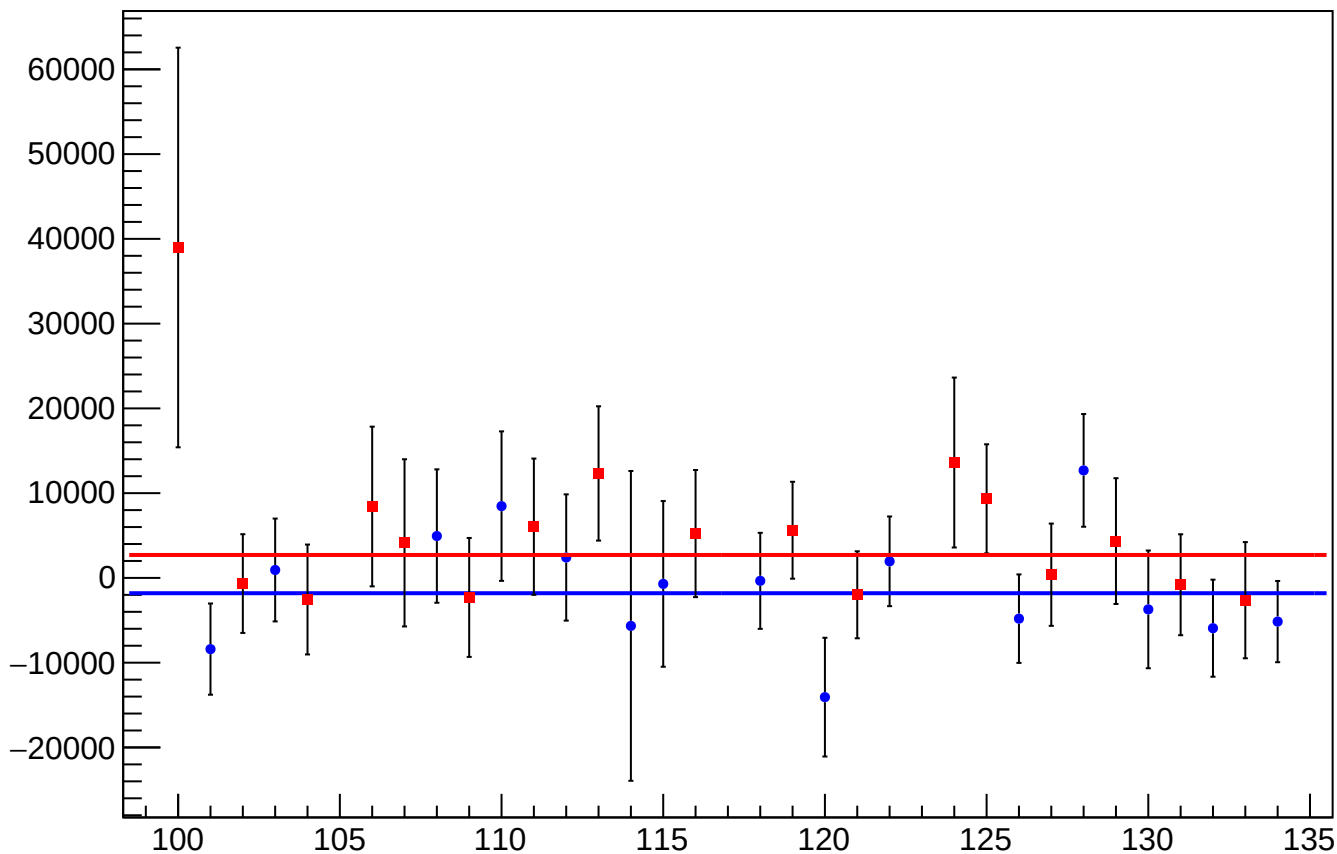
Right: 328.772+/-0.066 χ^2/NDF : 1093870.6/31

In: 325.881+/-0.093 χ^2/NDF : 497362.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.772+/-0.066 χ^2/NDF : 1093870.6/31

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1804.589+/-1658.365 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2707.972+/-1705.094 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

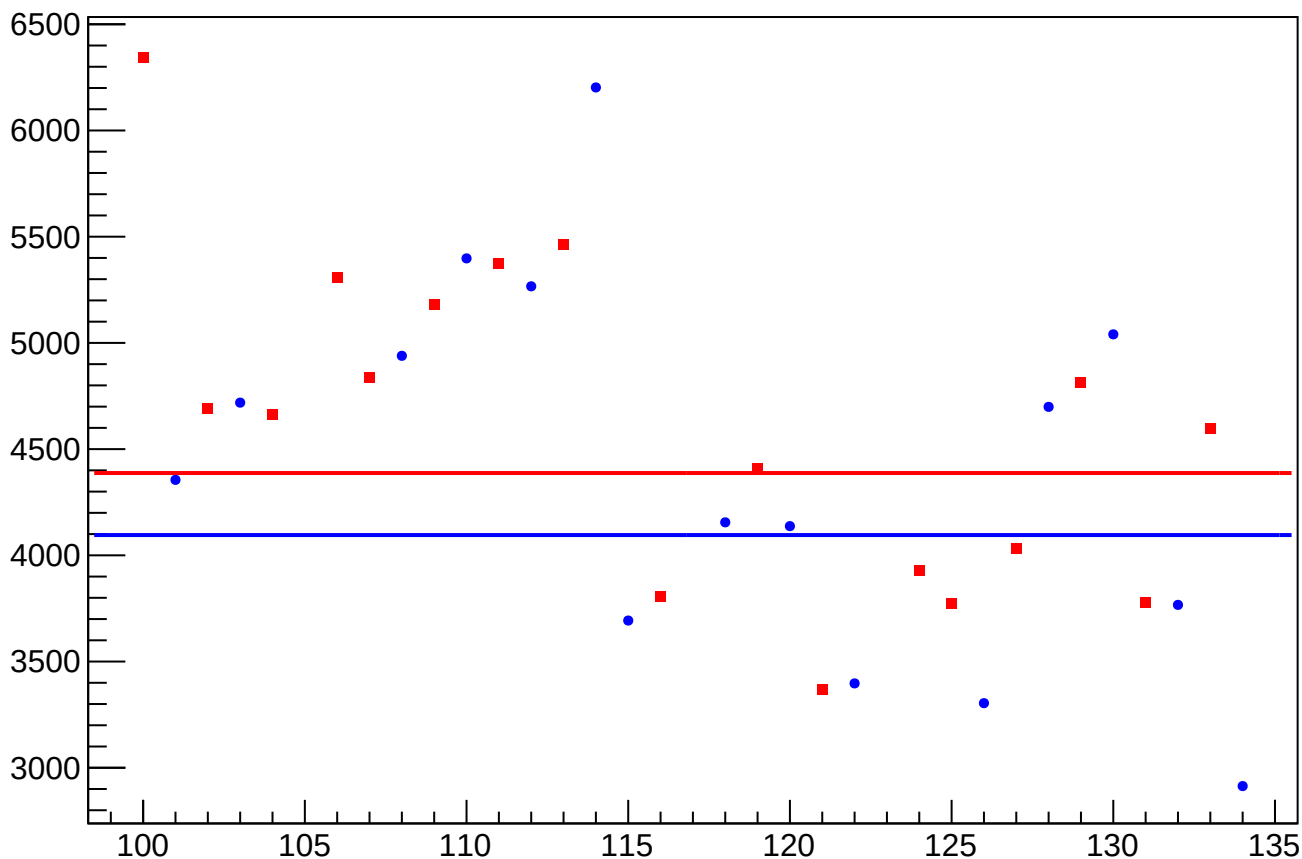
Right: 389.009+/-1188.818 χ^2/NDF : 28.1/31

In: -1804.589+/-1658.365 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.009+/-1188.818 χ^2/NDF : 28.1/31

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4095.423+/-1.173 χ^2/NDF : 434643.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4387.475+/-1.206 χ^2/NDF : 288171.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

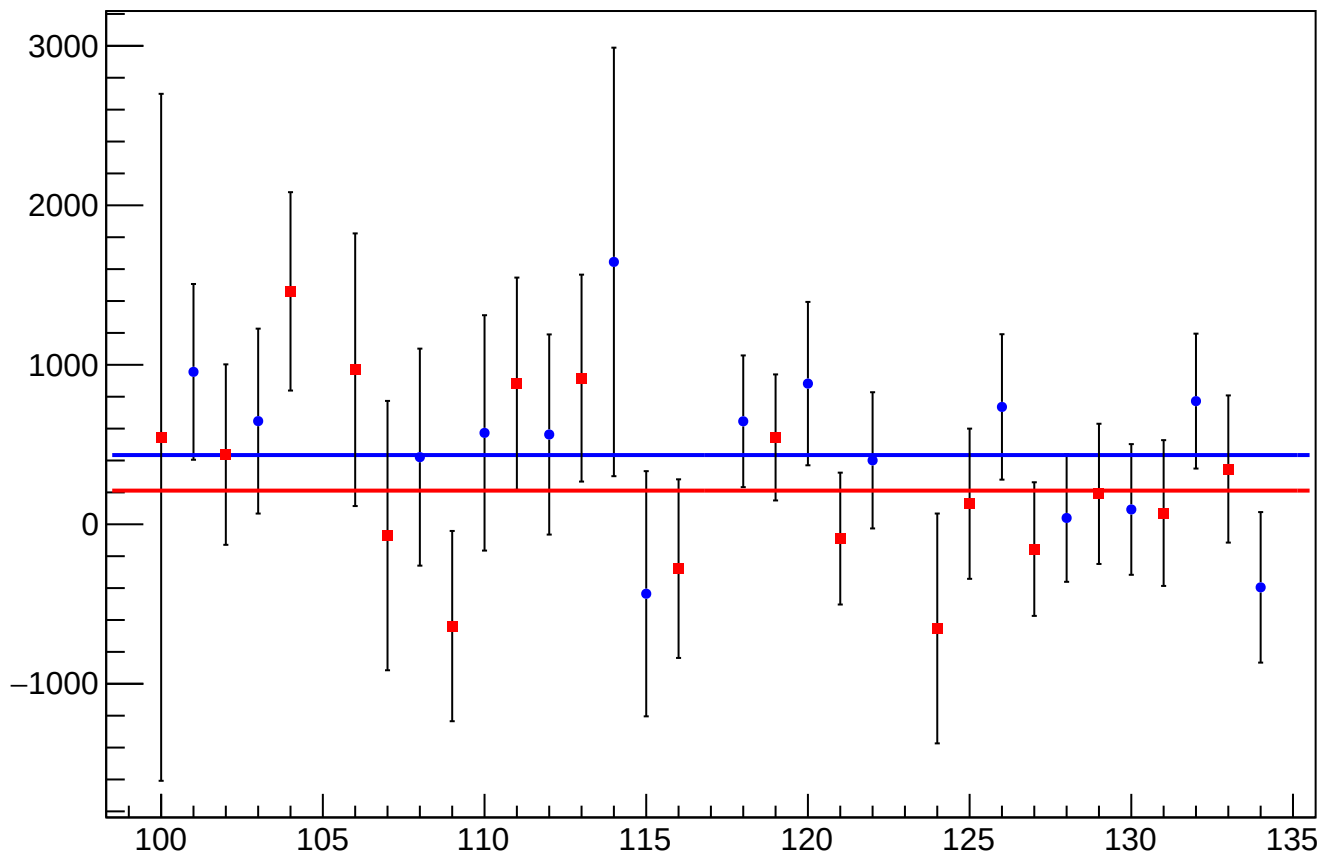
Right: 4237.392+/-0.841 χ^2/NDF : 752968.0/31

In: 4095.423+/-1.173 χ^2/NDF : 434643.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4237.392+/-0.841 χ^2/NDF : 752968.0/31

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 434.128+/-132.112 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.222+/-130.886 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

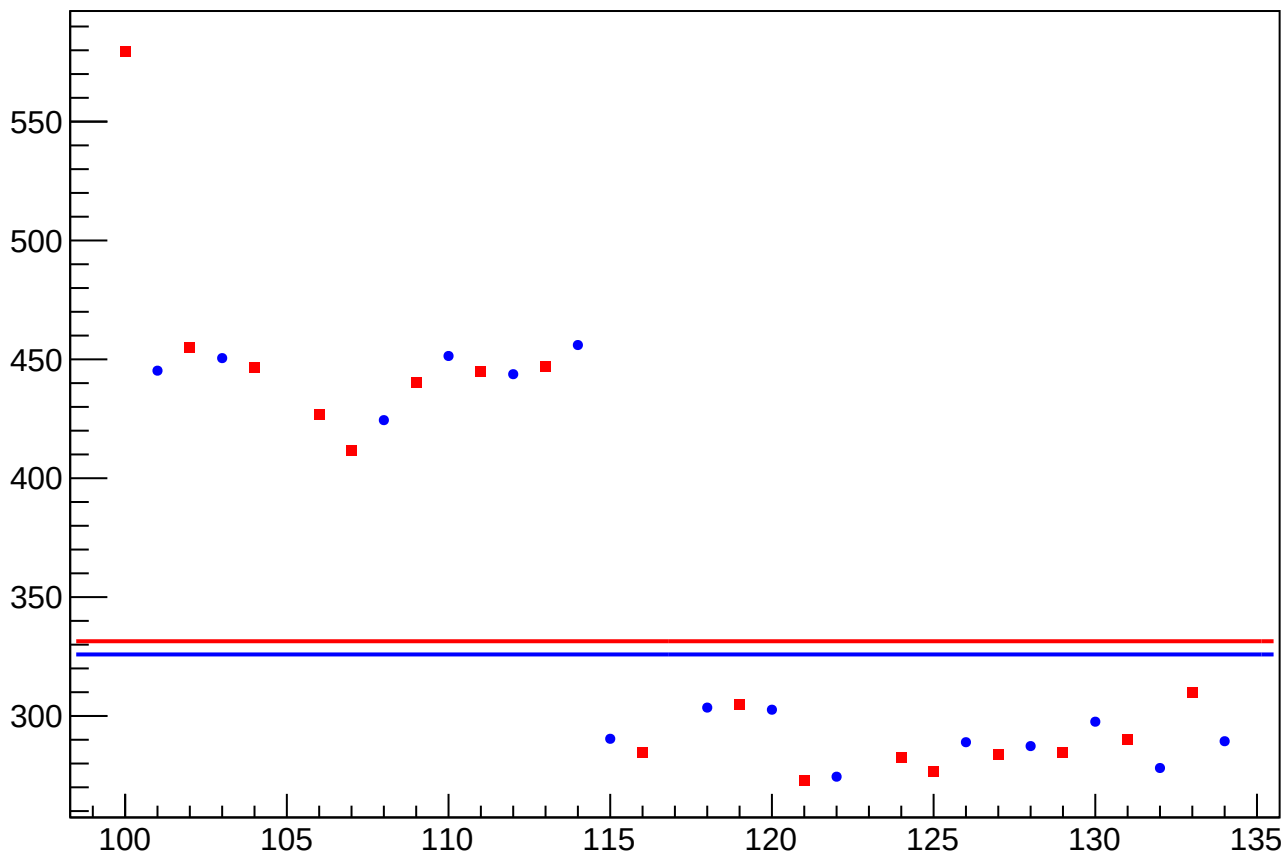
Right: 321.635+/-92.981 χ^2/NDF : 25.3/31

In: 434.128+/-132.112 χ^2/NDF : 10.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.635+/-92.981 χ^2/NDF : 25.3/31

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 325.881+/-0.093 χ^2/NDF : 497363.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 331.435+/-0.093 χ^2/NDF : 590925.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

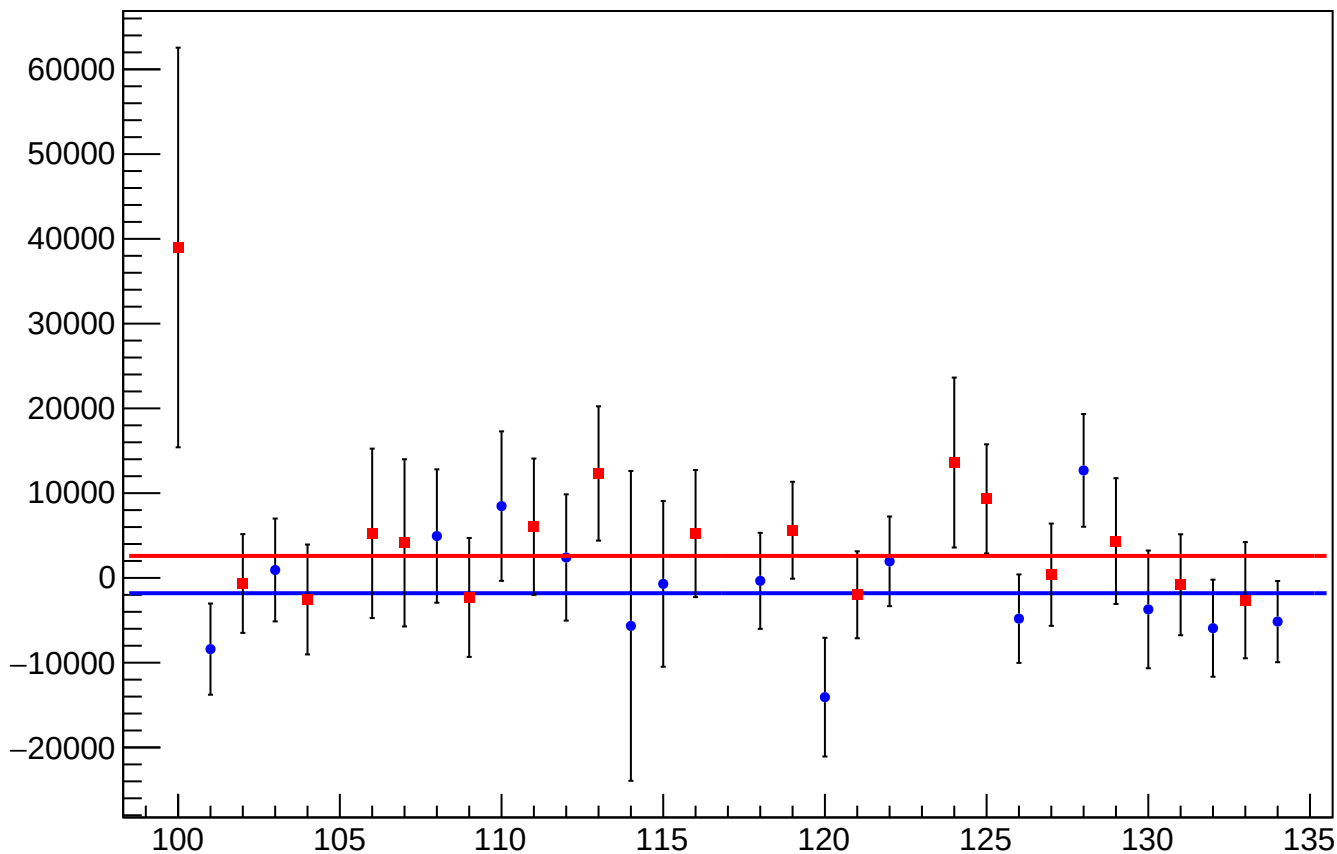
Right: 328.684+/-0.066 χ^2/NDF : 1090073.4/31

In: 325.881+/-0.093 χ^2/NDF : 497363.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.684+/-0.066 χ^2/NDF : 1090073.4/31

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1804.459+/-1658.370 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2595.408+/-1708.293 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

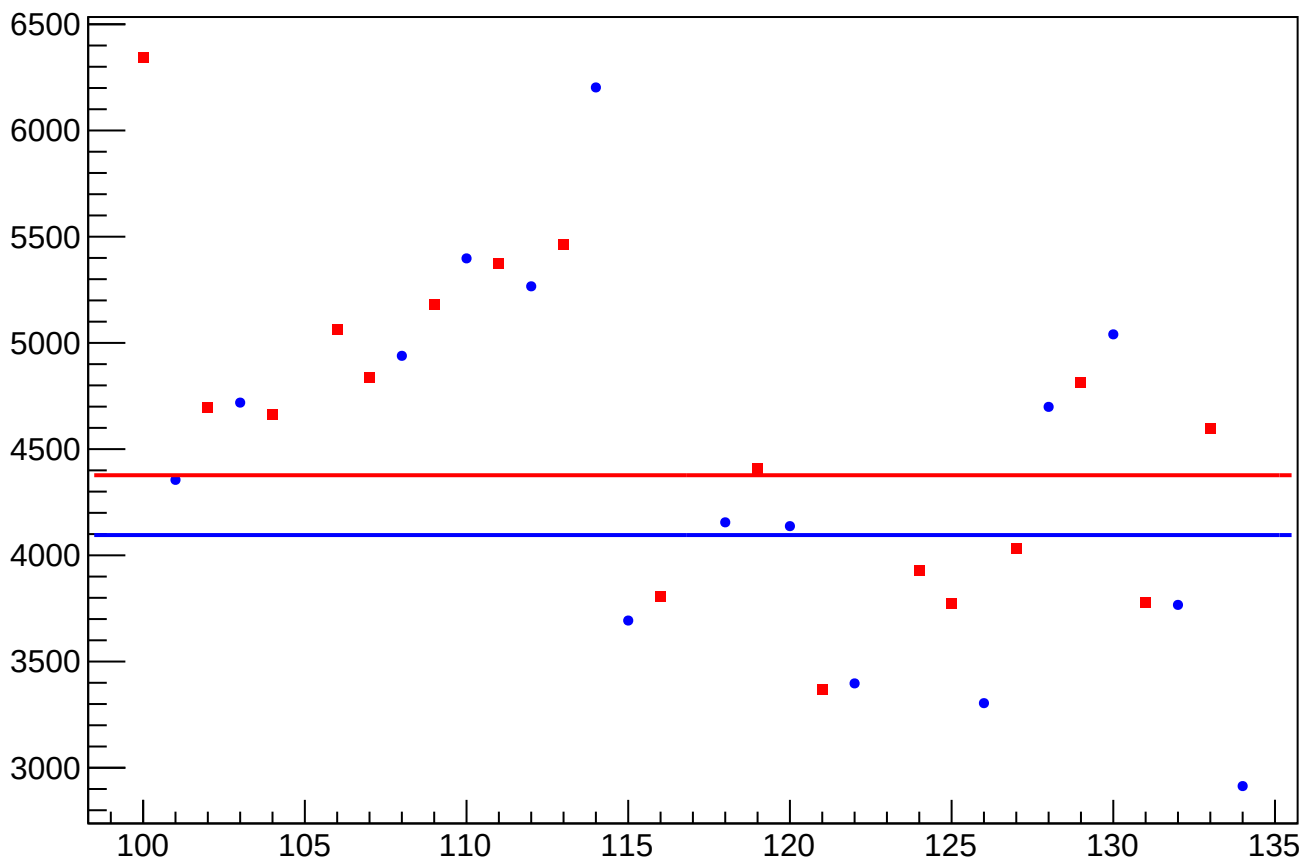
Right: 330.244+/-1189.902 χ^2/NDF : 27.6/31

In: -1804.459+/-1658.370 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.244+/-1189.902 χ^2/NDF : 27.6/31

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4095.433+/-1.173 χ^2/NDF : 434653.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4377.095+/-1.208 χ^2/NDF : 278165.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

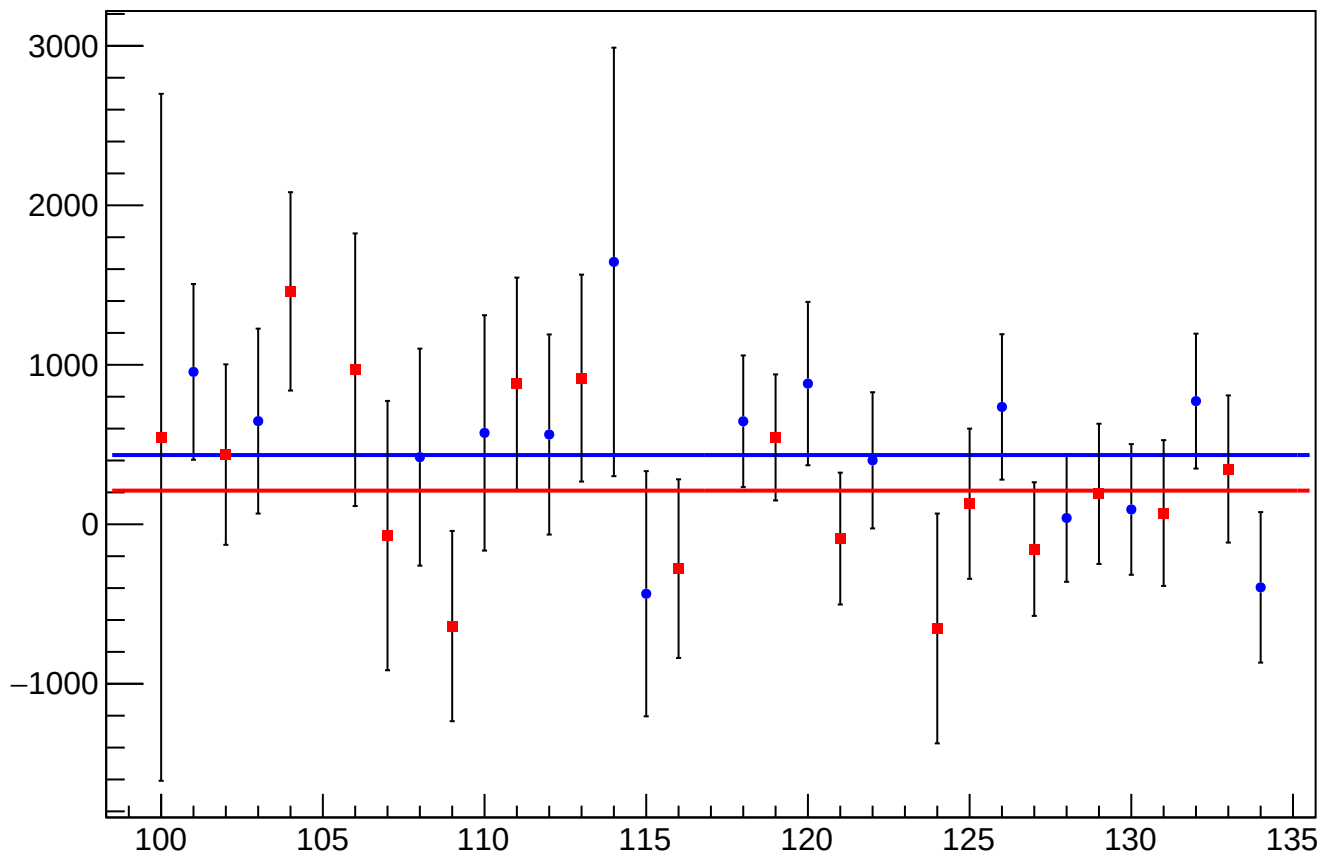
Right: 4232.088+/-0.841 χ^2/NDF : 740810.8/31

In: 4095.433+/-1.173 χ^2/NDF : 434653.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4232.088+/-0.841 χ^2/NDF : 740810.8/31

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 434.128+/-132.112 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.222+/-130.886 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

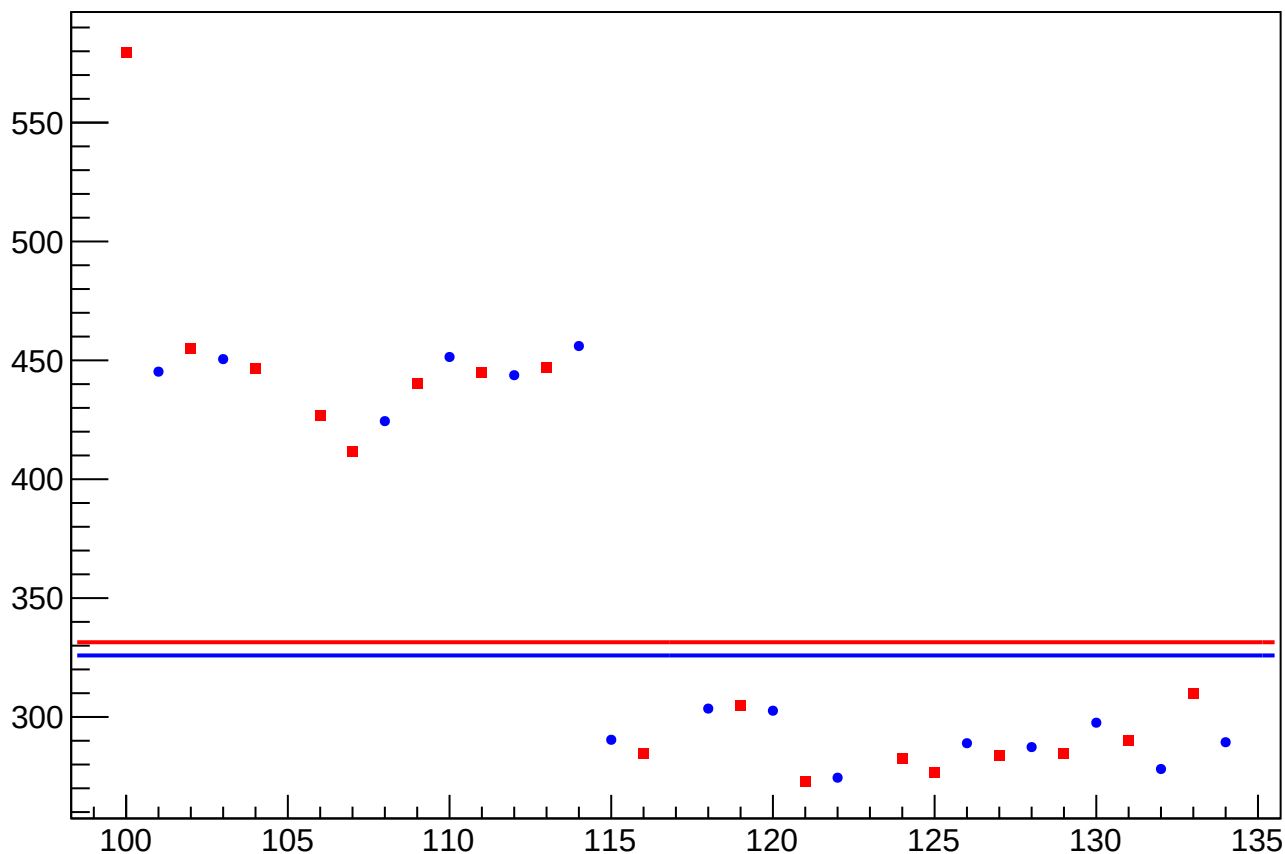
Right: 321.635+/-92.981 χ^2/NDF : 25.3/31

In: 434.128+/-132.112 χ^2/NDF : 10.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.635+/-92.981 χ^2/NDF : 25.3/31

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 325.881+/-0.093 χ^2/NDF : 497363.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 331.435+/-0.093 χ^2/NDF : 590925.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

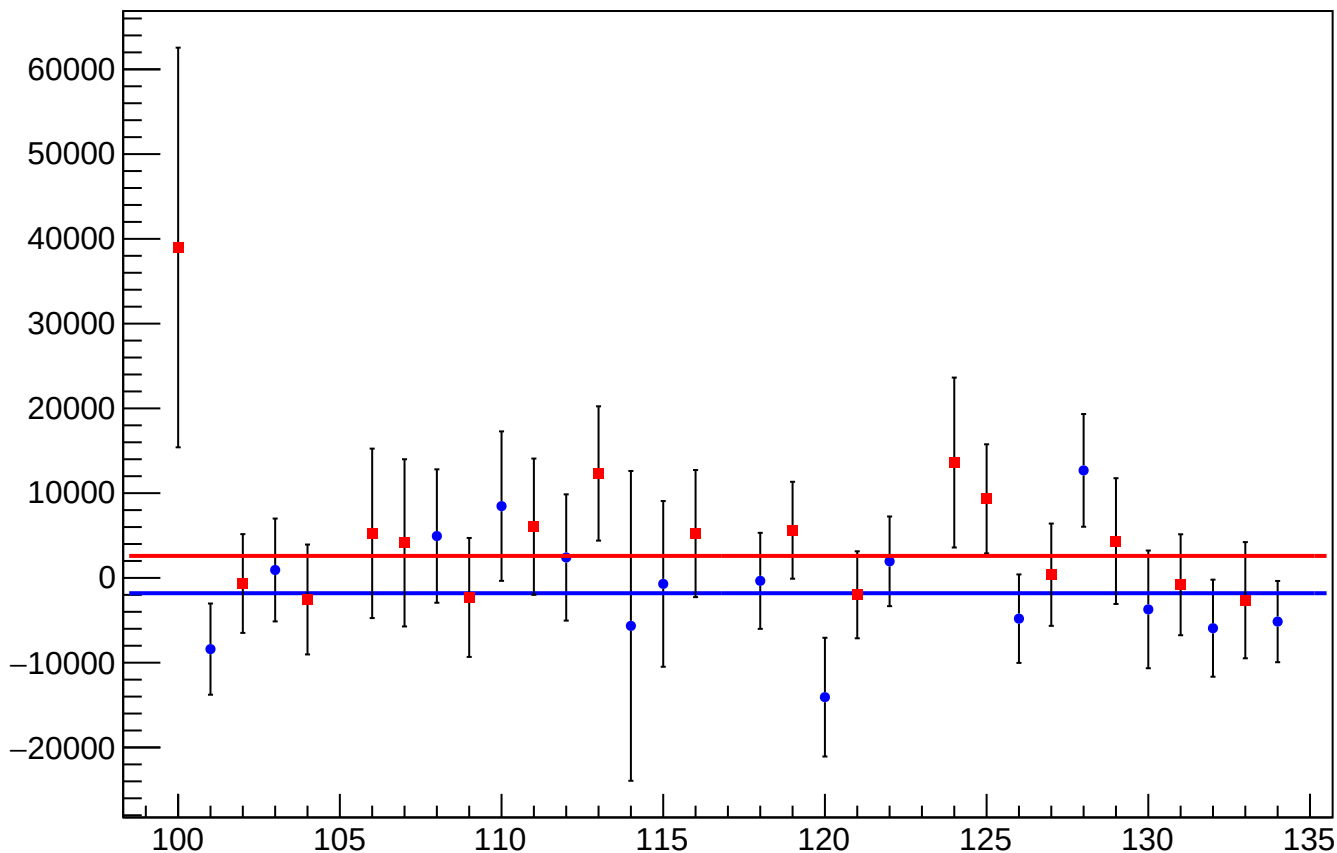
Right: 328.684+/-0.066 χ^2/NDF : 1090073.4/31

In: 325.881+/-0.093 χ^2/NDF : 497363.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.684+/-0.066 χ^2/NDF : 1090073.4/31

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1804.459+/-1658.370 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2595.408+/-1708.293 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

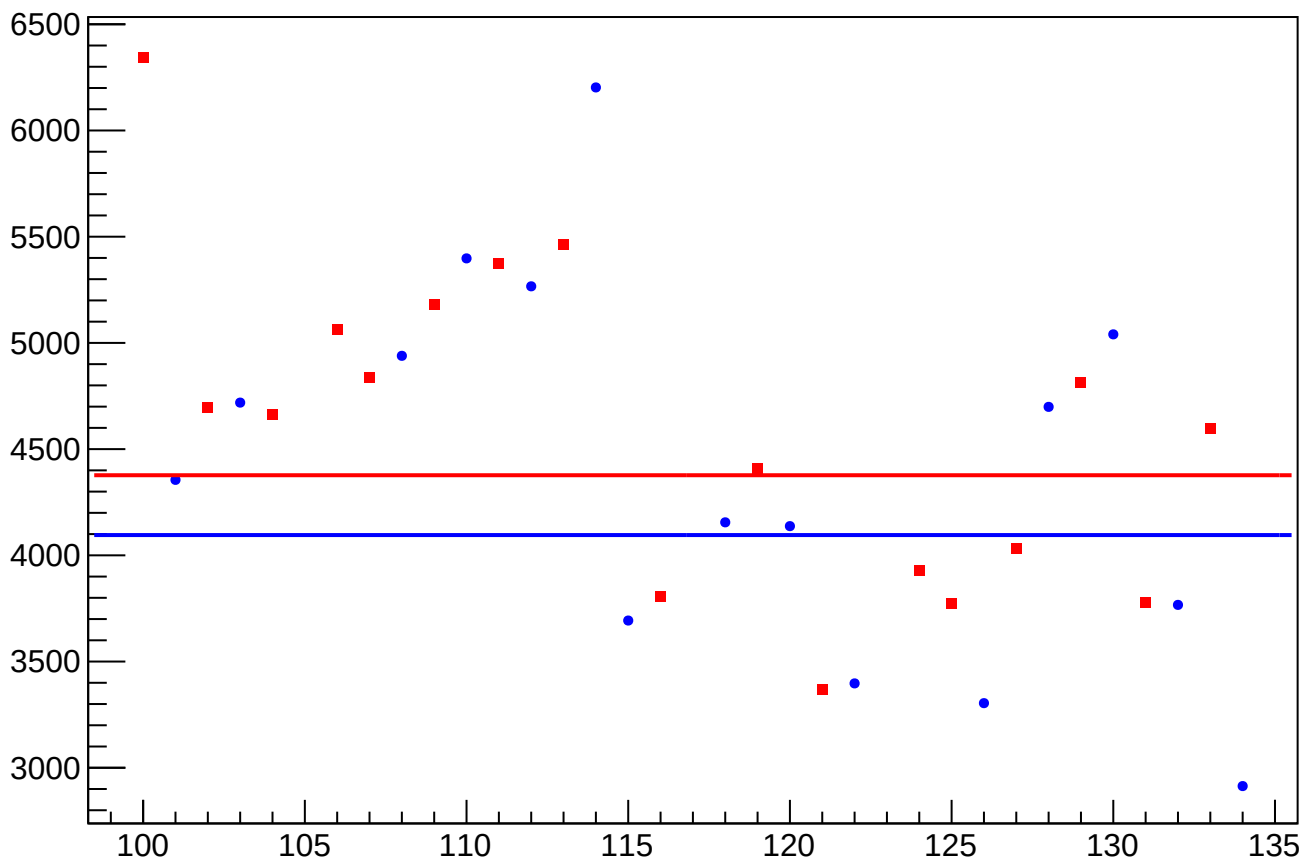
Right: 330.244+/-1189.902 χ^2/NDF : 27.6/31

In: -1804.459+/-1658.370 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.244+/-1189.902 χ^2/NDF : 27.6/31

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4095.433+/-1.173 χ^2/NDF : 434653.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4377.095+/-1.208 χ^2/NDF : 278165.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

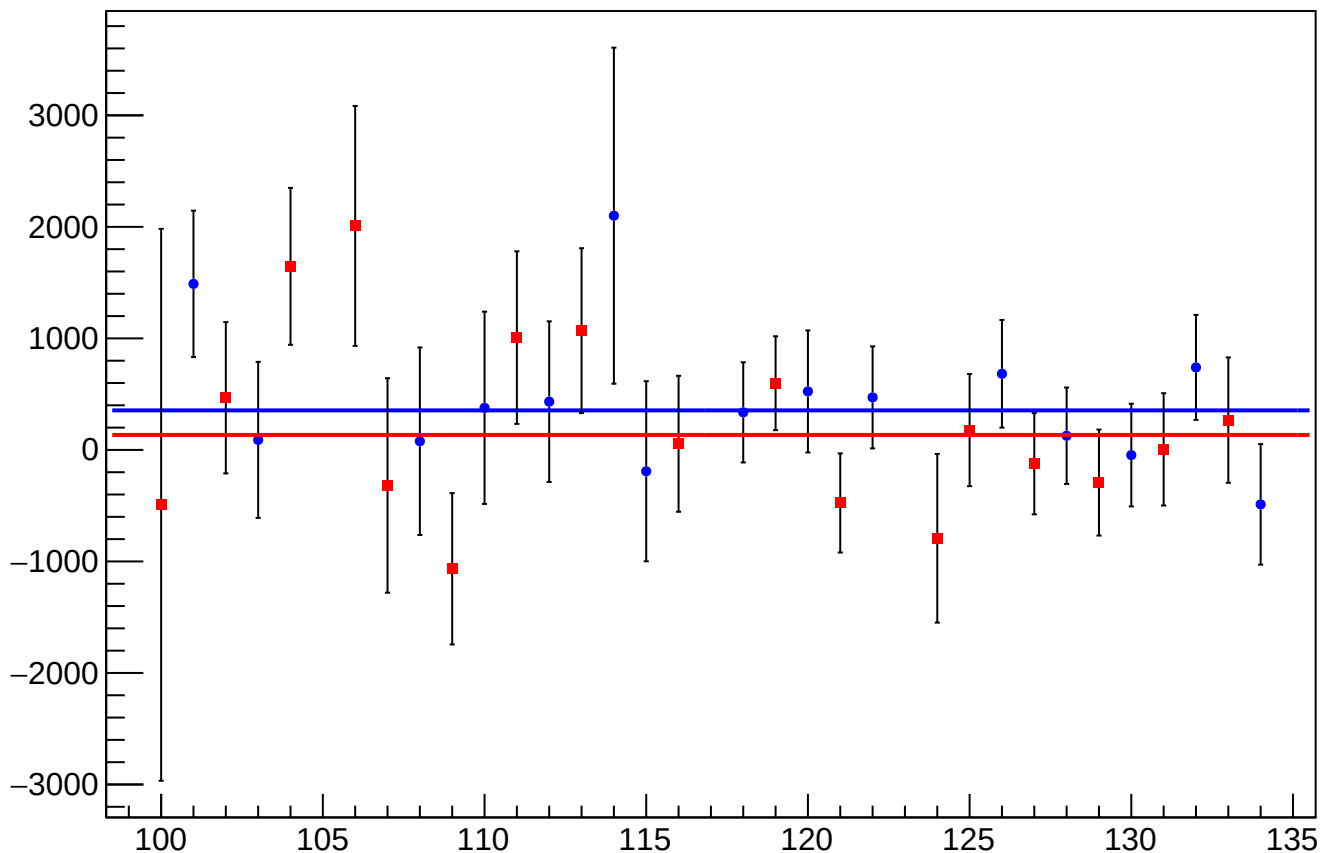
Right: 4232.088+/-0.841 χ^2/NDF : 740810.8/31

In: 4095.433+/-1.173 χ^2/NDF : 434653.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4232.088+/-0.841 χ^2/NDF : 740810.8/31

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 354.456+/-146.821 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.401+/-145.134 χ^2/NDF : 20.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

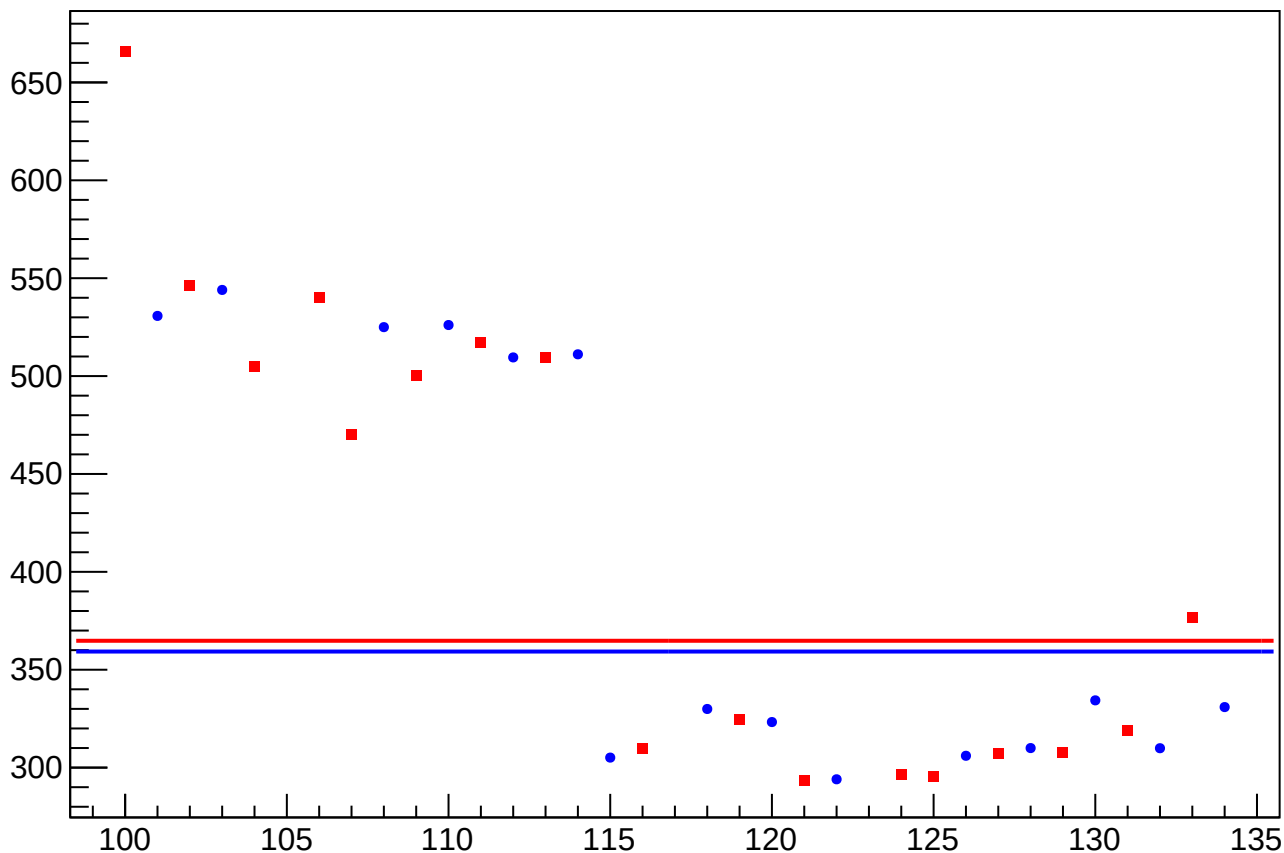
Right: 243.157+/-103.216 χ^2/NDF : 31.0/31

In: 354.456+/-146.821 χ^2/NDF : 9.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.157+/-103.216 χ^2/NDF : 31.0/31

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 359.288+/-0.104 χ^2/NDF : 686218.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.788+/-0.103 χ^2/NDF : 782350.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

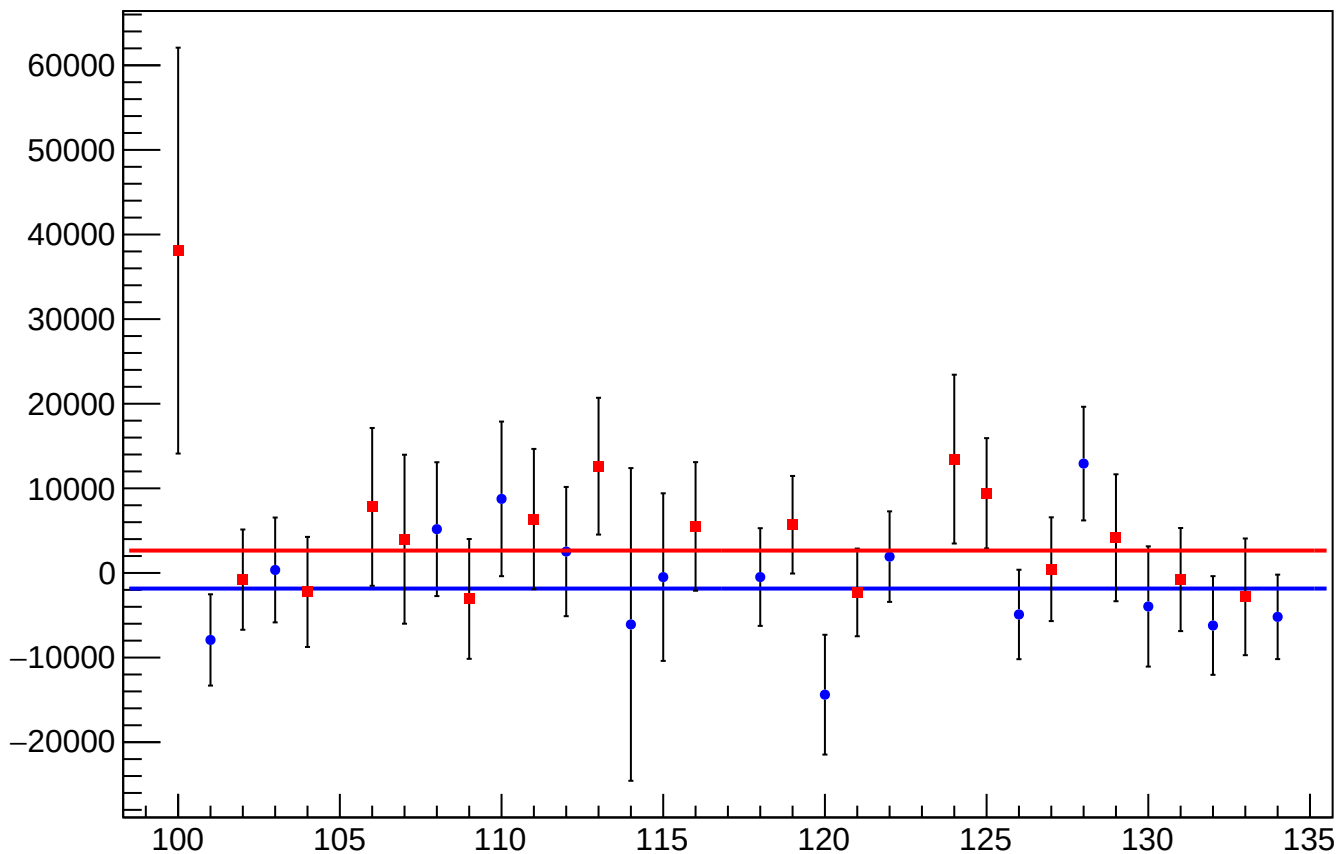
Right: 362.070+/-0.073 χ^2/NDF : 1469989.2/31

In: 359.288+/-0.104 χ^2/NDF : 686218.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.070+/-0.073 χ^2/NDF : 1469989.2/31

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1844.153+/-1688.297 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2646.419+/-1725.834 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

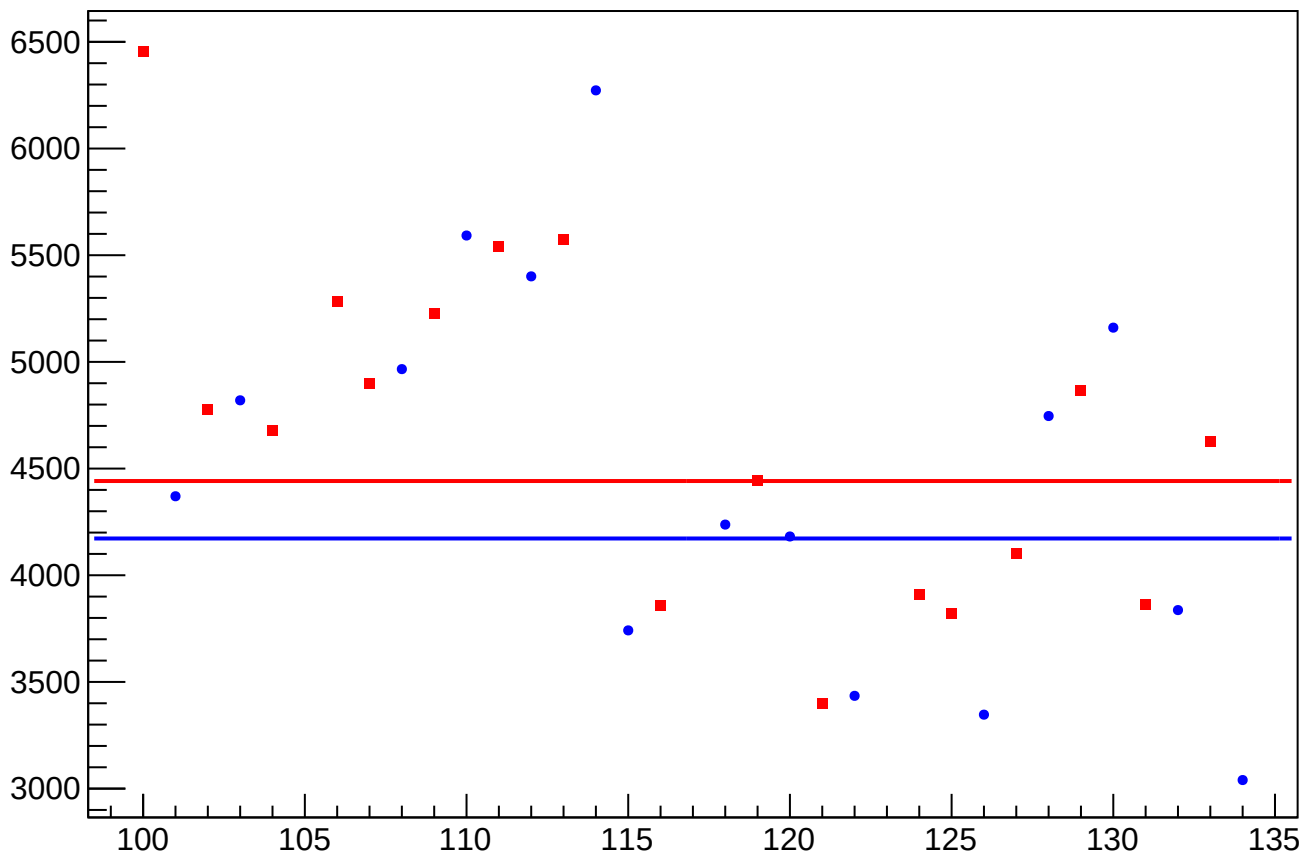
Right: 351.768+/-1206.859 χ^2/NDF : 27.8/31

In: -1844.153+/-1688.297 χ^2/NDF : 13.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.768+/-1206.859 χ^2/NDF : 27.8/31

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4172.314+/-1.194 χ^2/NDF : 424236.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4441.651+/-1.220 χ^2/NDF : 290790.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

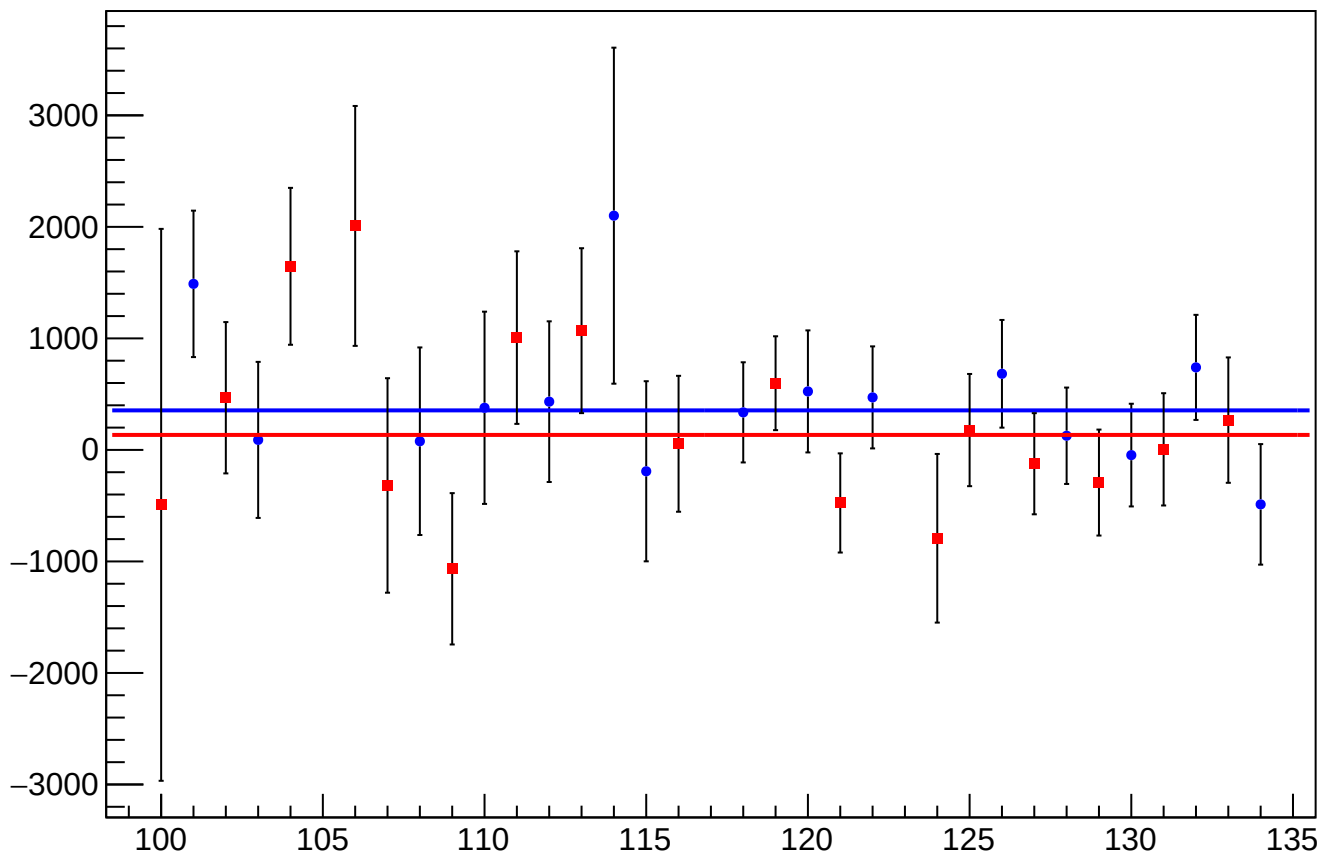
Right: 4304.022+/-0.853 χ^2/NDF : 739917.3/31

In: 4172.314+/-1.194 χ^2/NDF : 424236.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4304.022+/-0.853 χ^2/NDF : 739917.3/31

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 354.457+/-146.819 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 134.398+/-145.133 χ^2/NDF : 20.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

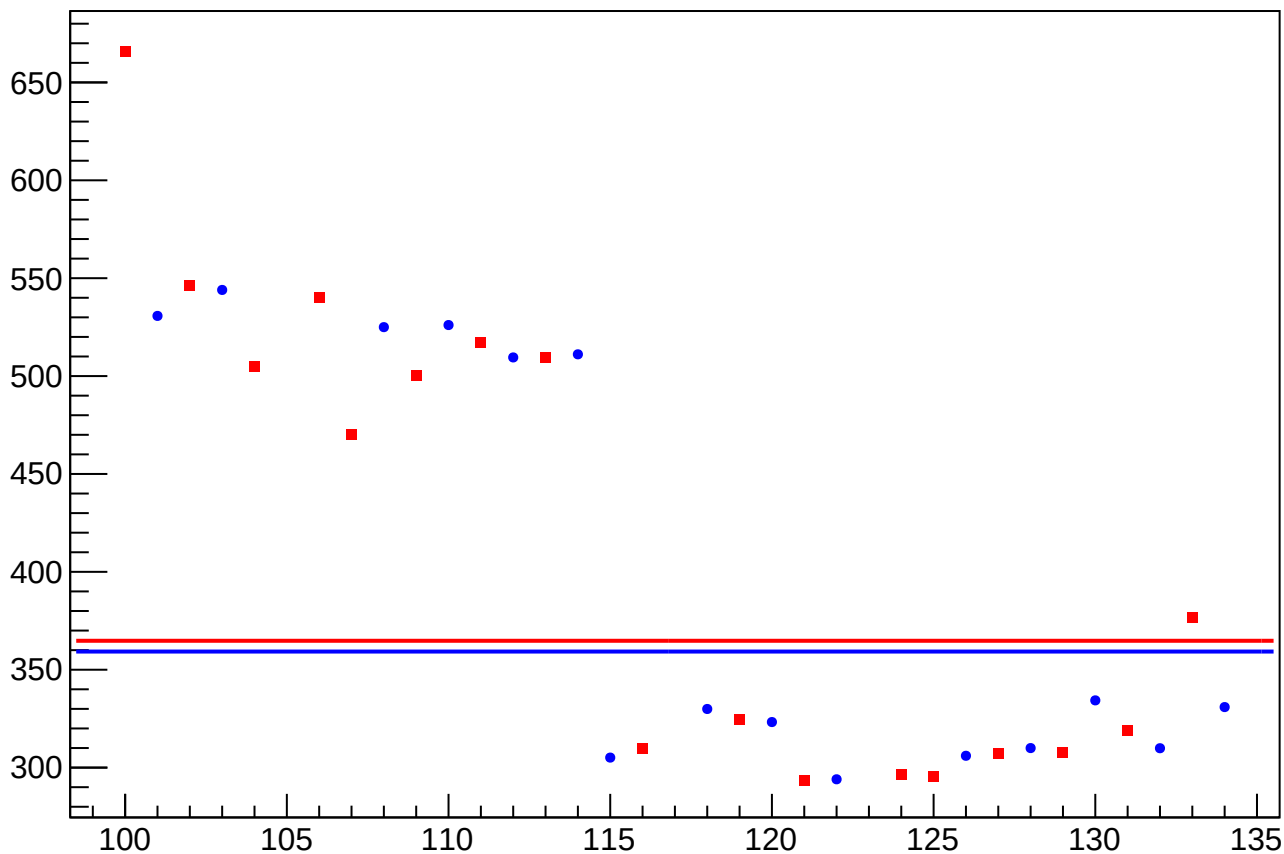
Right: 243.157+/-103.216 χ^2/NDF : 31.0/31

In: 354.457+/-146.819 χ^2/NDF :9.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 243.157+/-103.216 χ^2/NDF : 31.0/31

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 359.285+/-0.104 χ^2/NDF : 686216.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.786+/-0.103 χ^2/NDF : 782342.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

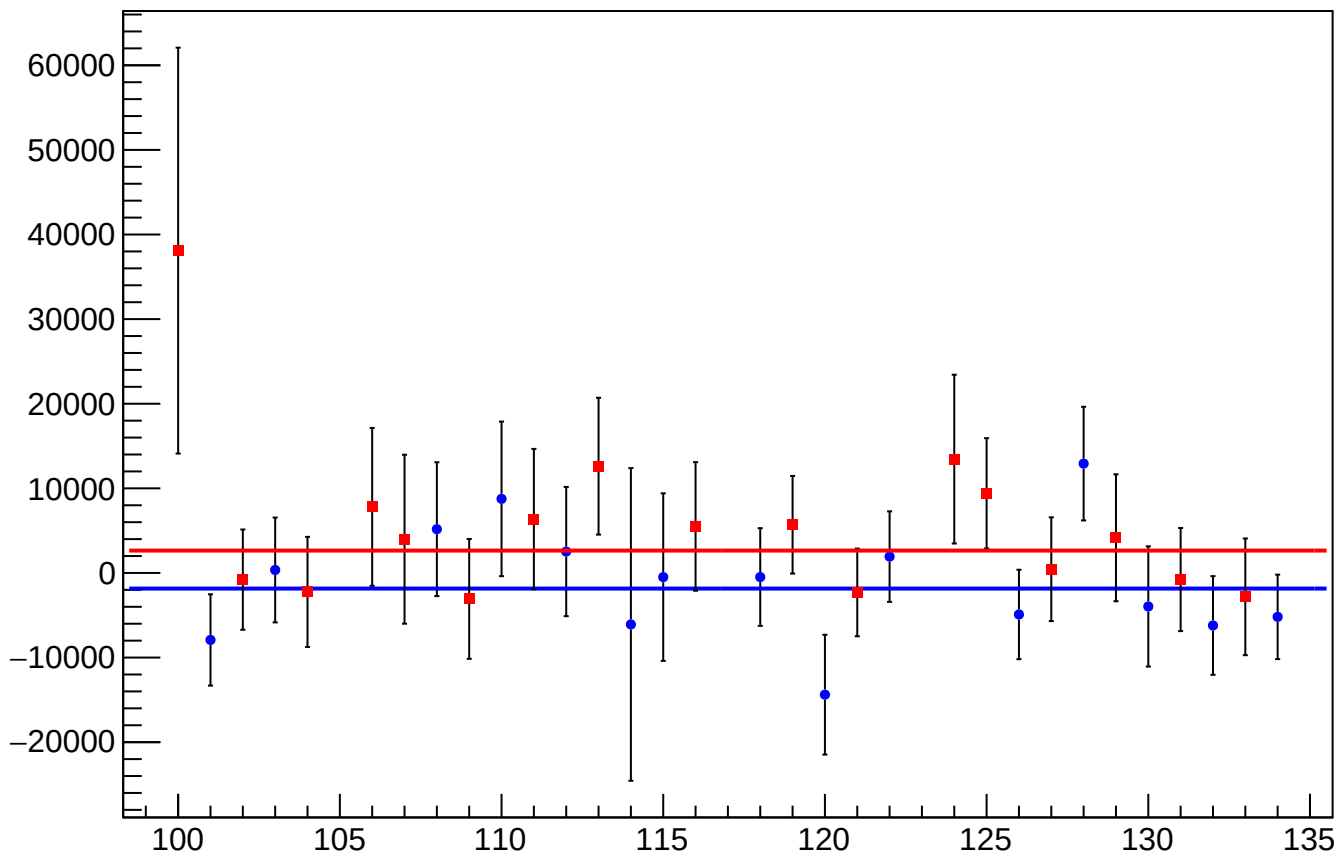
Right: 362.067+/-0.073 χ^2/NDF : 1469979.8/31

In: 359.285+/-0.104 χ^2/NDF : 686216.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.067+/-0.073 χ^2/NDF : 1469979.8/31

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1844.149+/-1688.294 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2646.414+/-1725.830 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

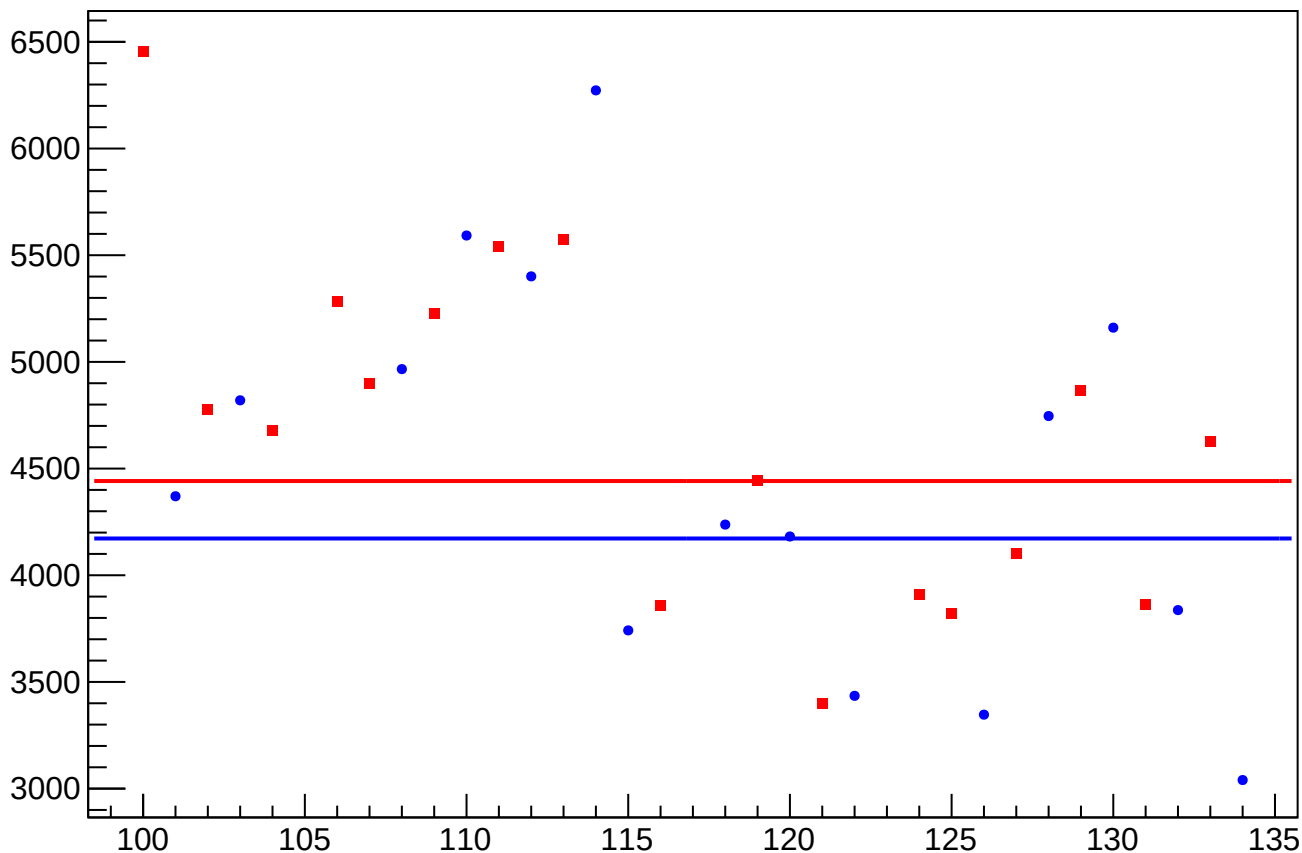
Right: 351.767+/-1206.856 χ^2/NDF : 27.8/31

In: -1844.149+/-1688.294 χ^2/NDF : 13.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.767+/-1206.856 χ^2/NDF : 27.8/31

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4172.306+/-1.194 χ^2/NDF : 424227.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4441.642+/-1.220 χ^2/NDF : 290785.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

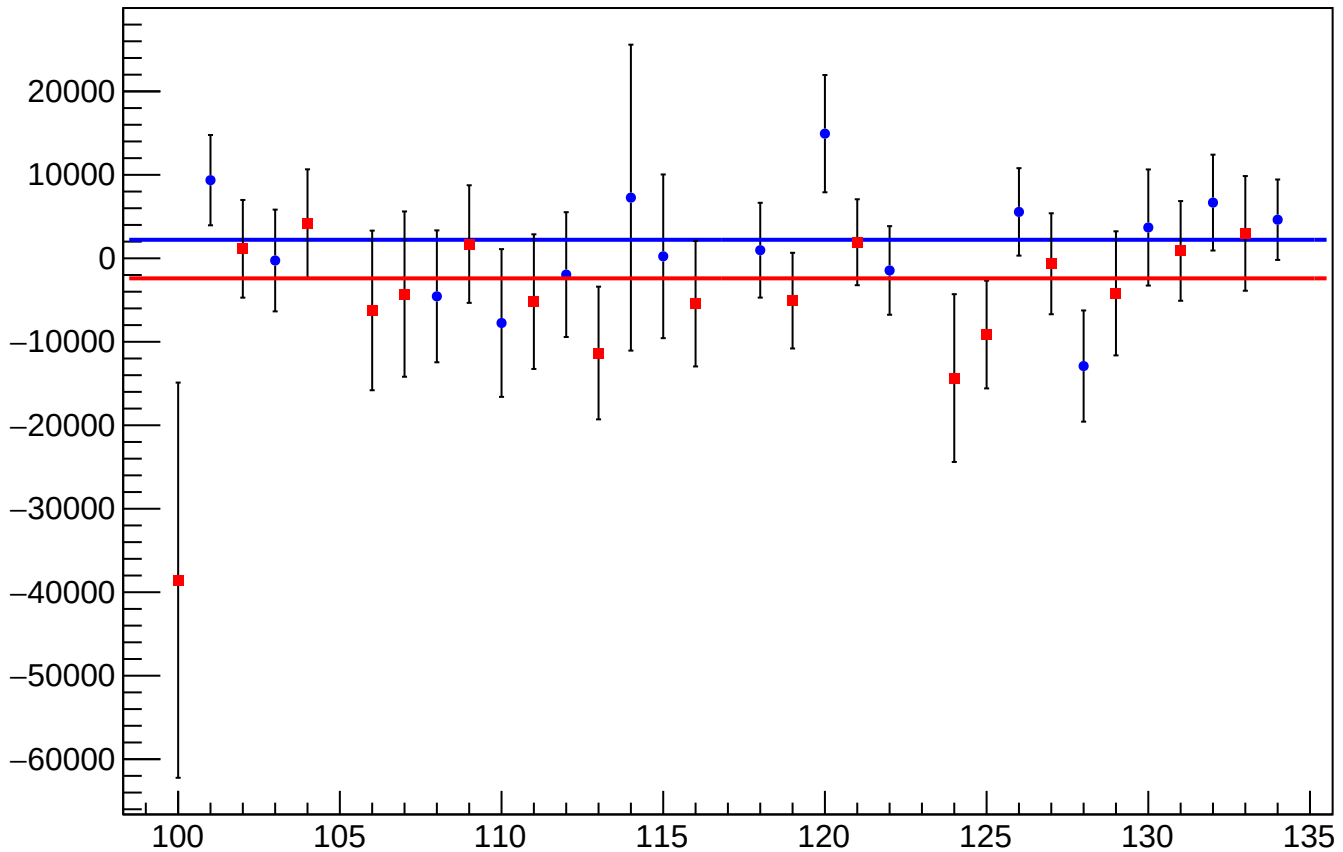
Right: 4304.013+/-0.853 χ^2/NDF : 739904.3/31

In: 4172.306+/-1.194 χ^2/NDF : 424227.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4304.013+/-0.853 χ^2/NDF : 739904.3/31

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2220.554+/-1664.395 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2399.080+/-1711.209 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

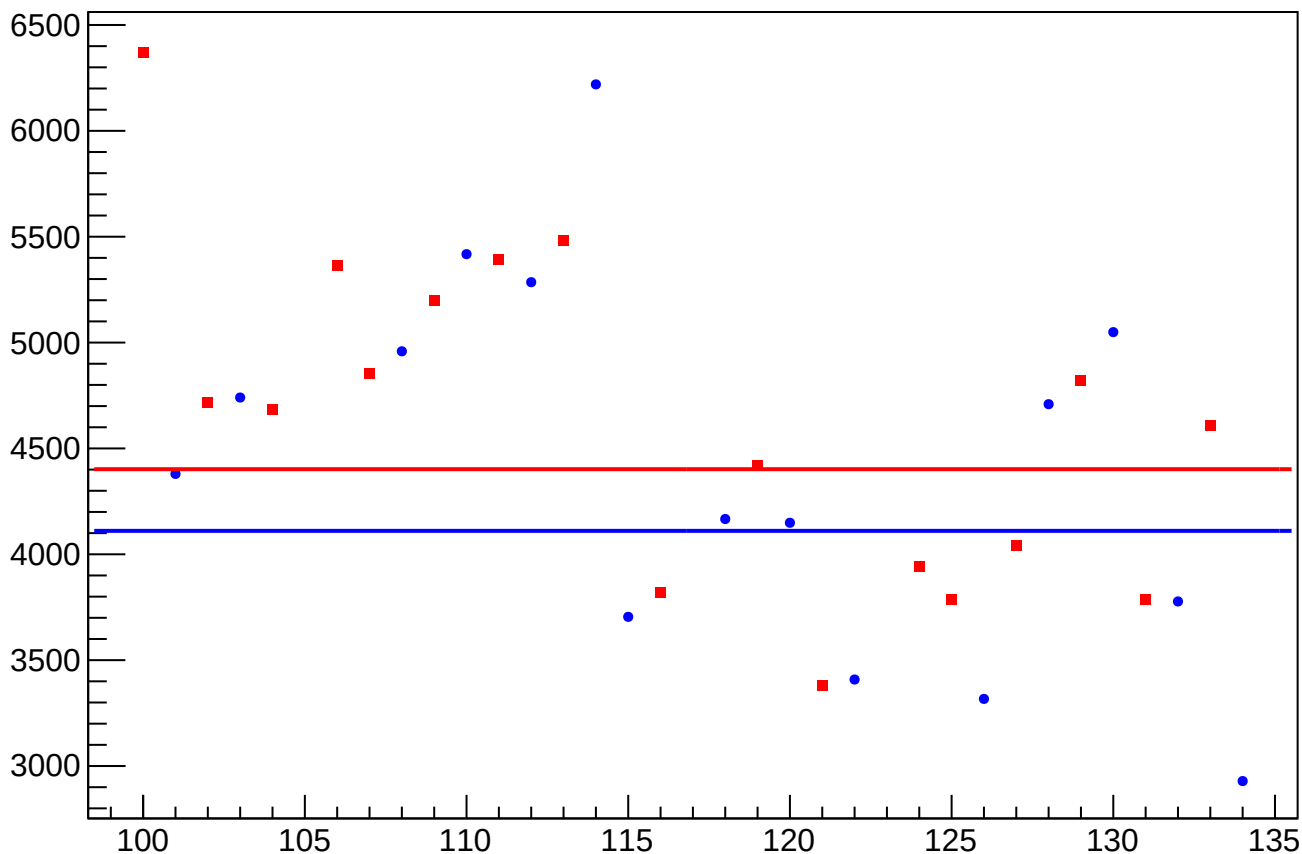
Right: -25.208+/-1193.112 χ^2/NDF : 28.6/31

In: 2220.554+/-1664.395 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.208+/-1193.112 χ^2/NDF : 28.6/31

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4110.699+/-1.177 χ^2/NDF : 433095.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4401.950+/-1.210 χ^2/NDF : 289932.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

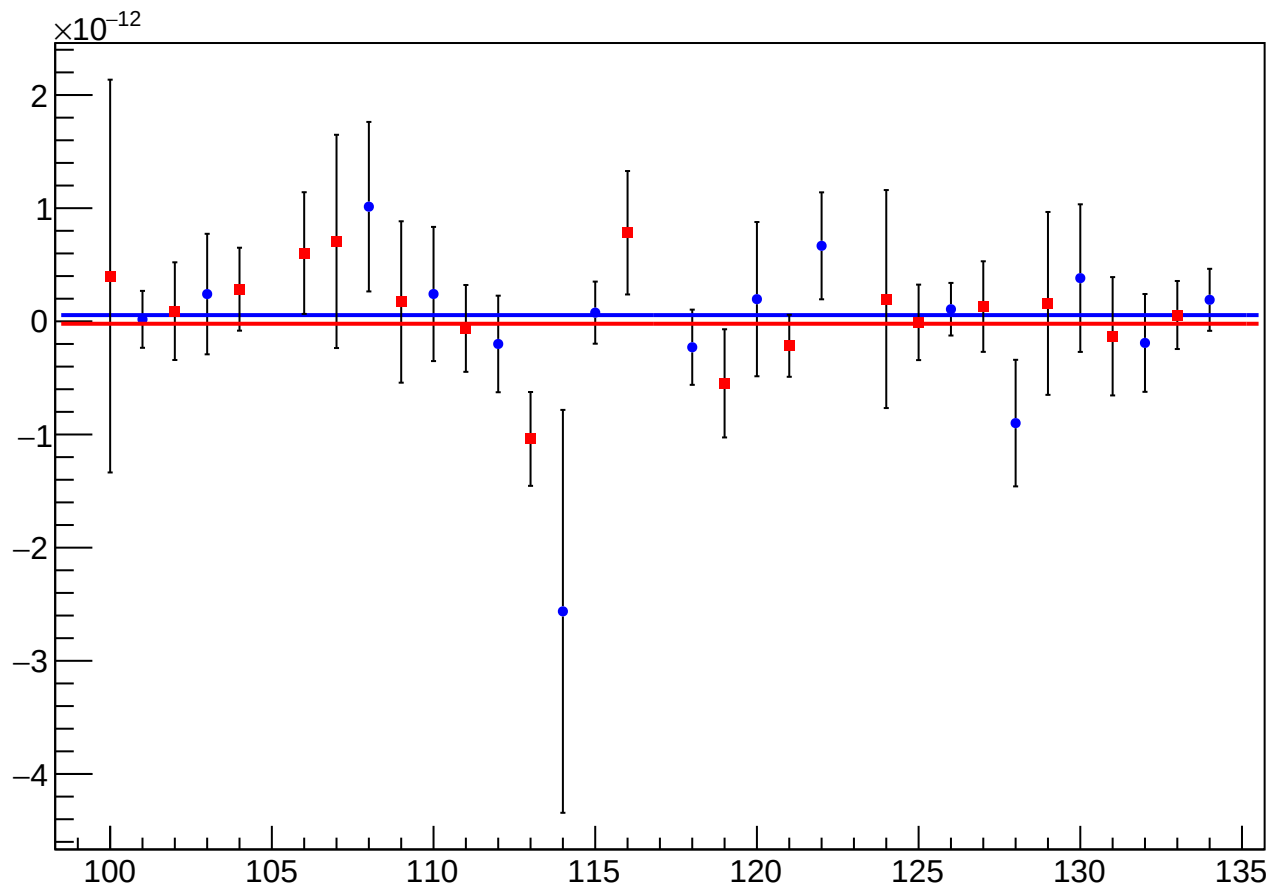
Right: 4252.286+/-0.844 χ^2/NDF : 752799.9/31

In: 4110.699+/-1.177 χ^2/NDF : 433095.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4252.286+/-0.844 χ^2/NDF : 752799.9/31

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

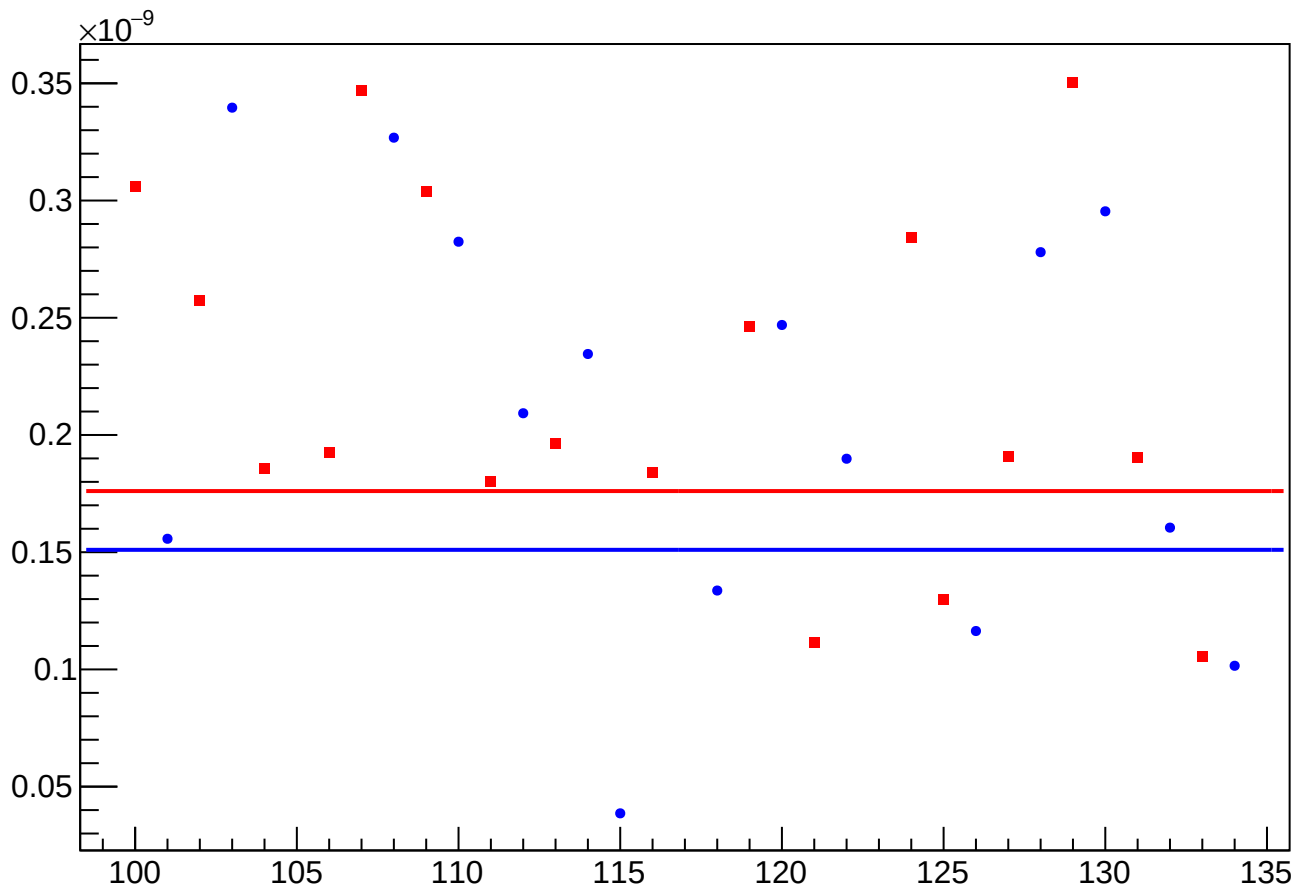
Right: 0.000+/-0.000 χ^2/NDF : 24.0/31

In: 0.000+/-0.000 χ^2/NDF : 10.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.0/31

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1207534.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 646033.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

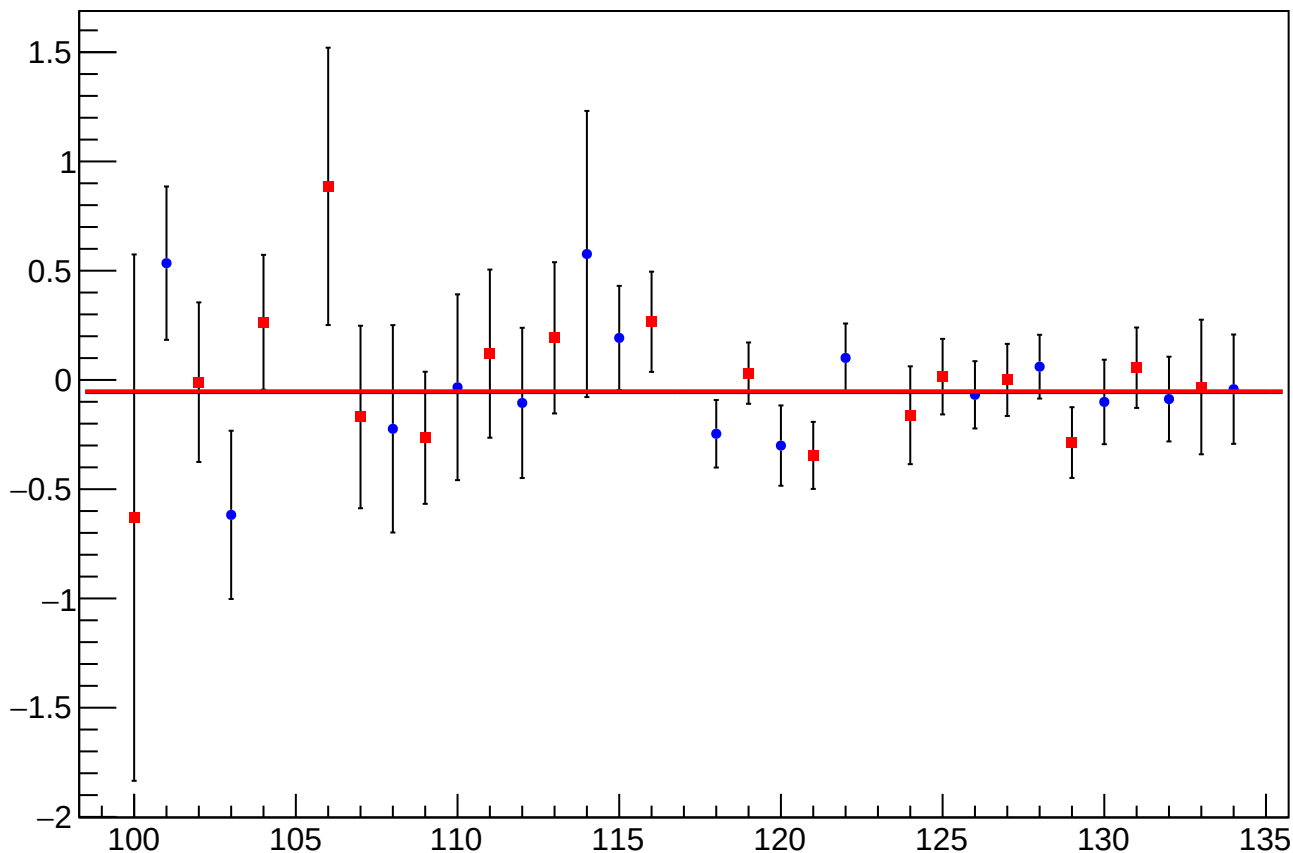
Right: 0.000+/-0.000 χ^2/NDF : 1912029.5/31

In: 0.000+/-0.000 χ^2/NDF : 1207534.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1912029.5/31

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056+/-0.056 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.052+/-0.055 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

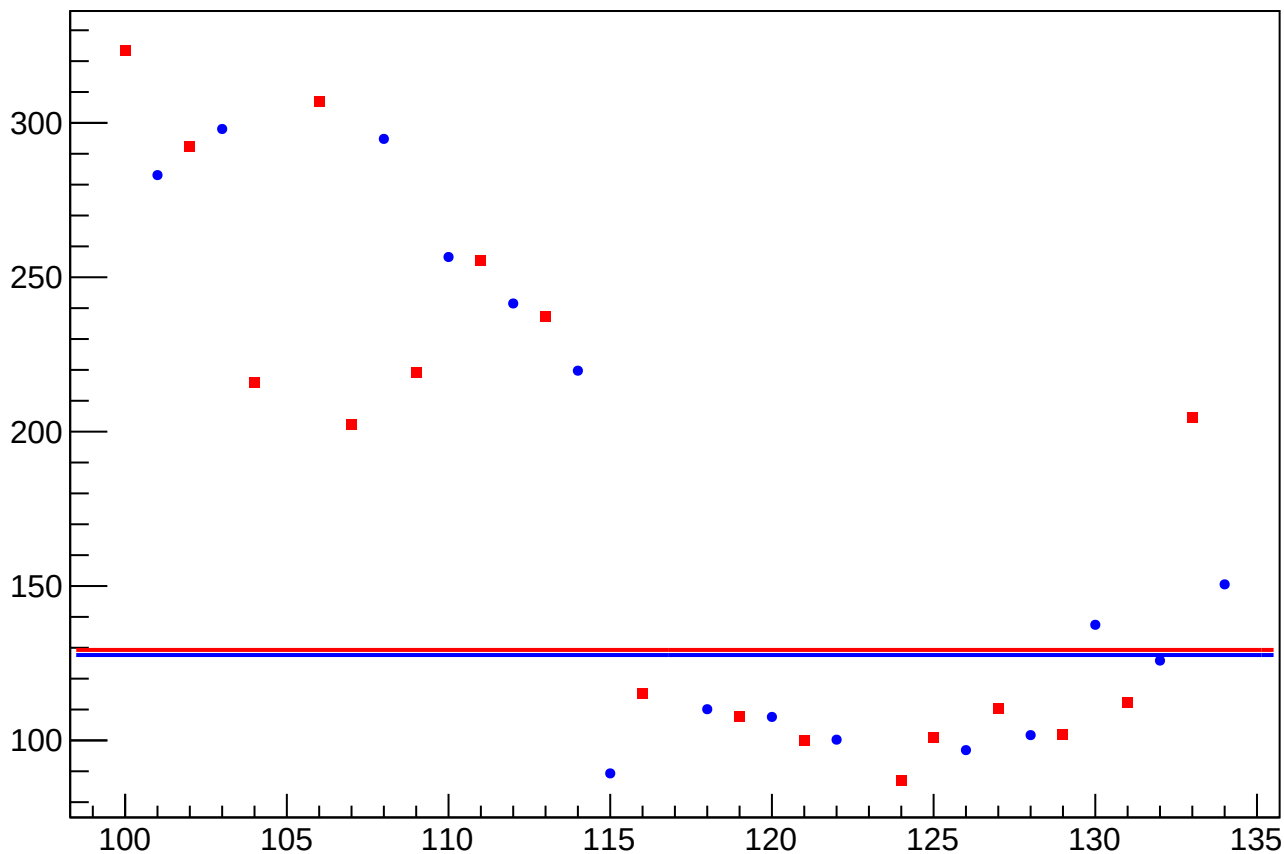
Right: -0.054+/-0.039 χ^2/NDF : 25.7/31

In: -0.056+/-0.056 χ^2/NDF :12.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.054+/-0.039 χ^2/NDF : 25.7/31

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.649+/-0.039 χ^2/NDF : 1802478.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.305+/-0.039 χ^2/NDF : 1886133.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

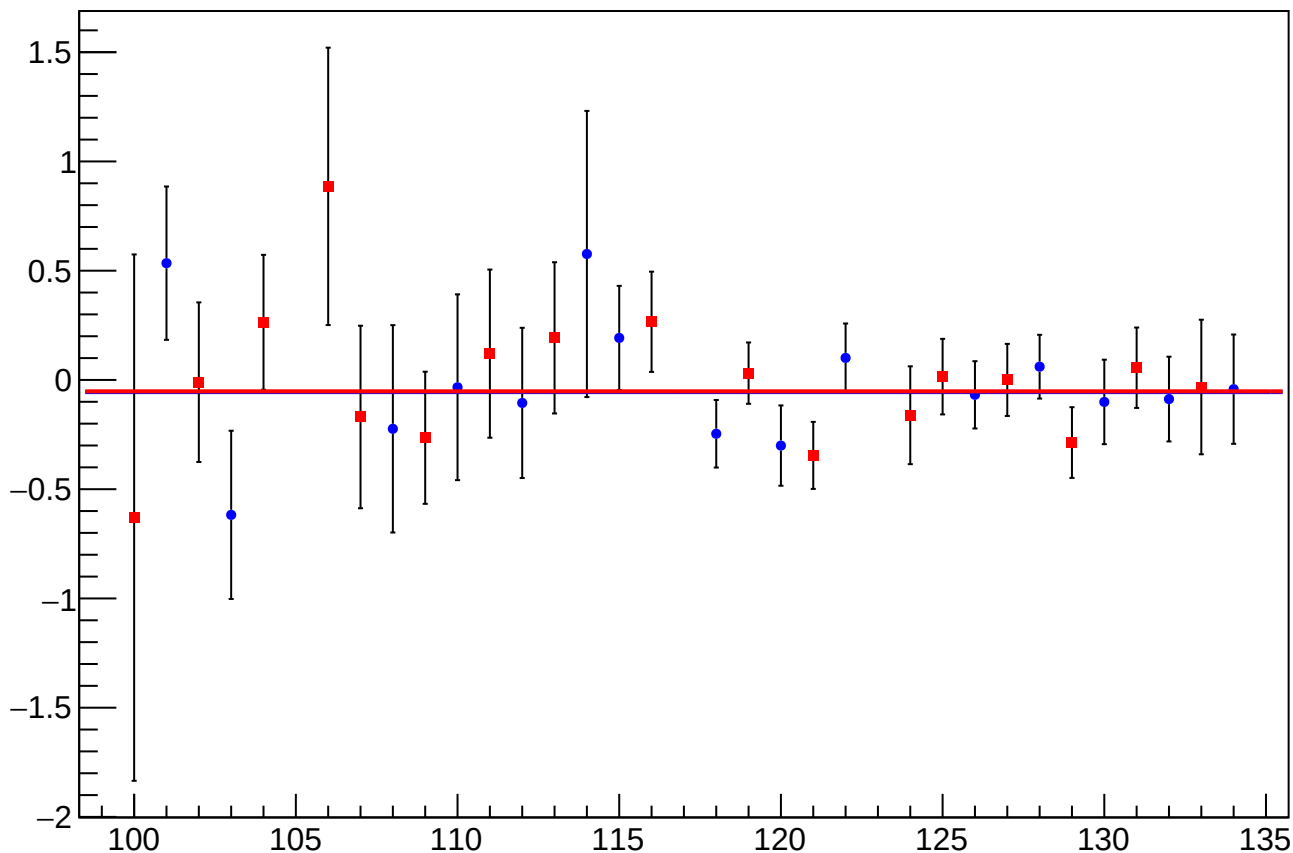
Right: 128.490+/-0.028 χ^2/NDF : 3689511.7/31

In: 127.649+/-0.039 χ^2/NDF : 1802478.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.490+/-0.028 χ^2/NDF : 3689511.7/31

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056 ± 0.056 χ^2/NDF : 12.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.052 ± 0.055 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

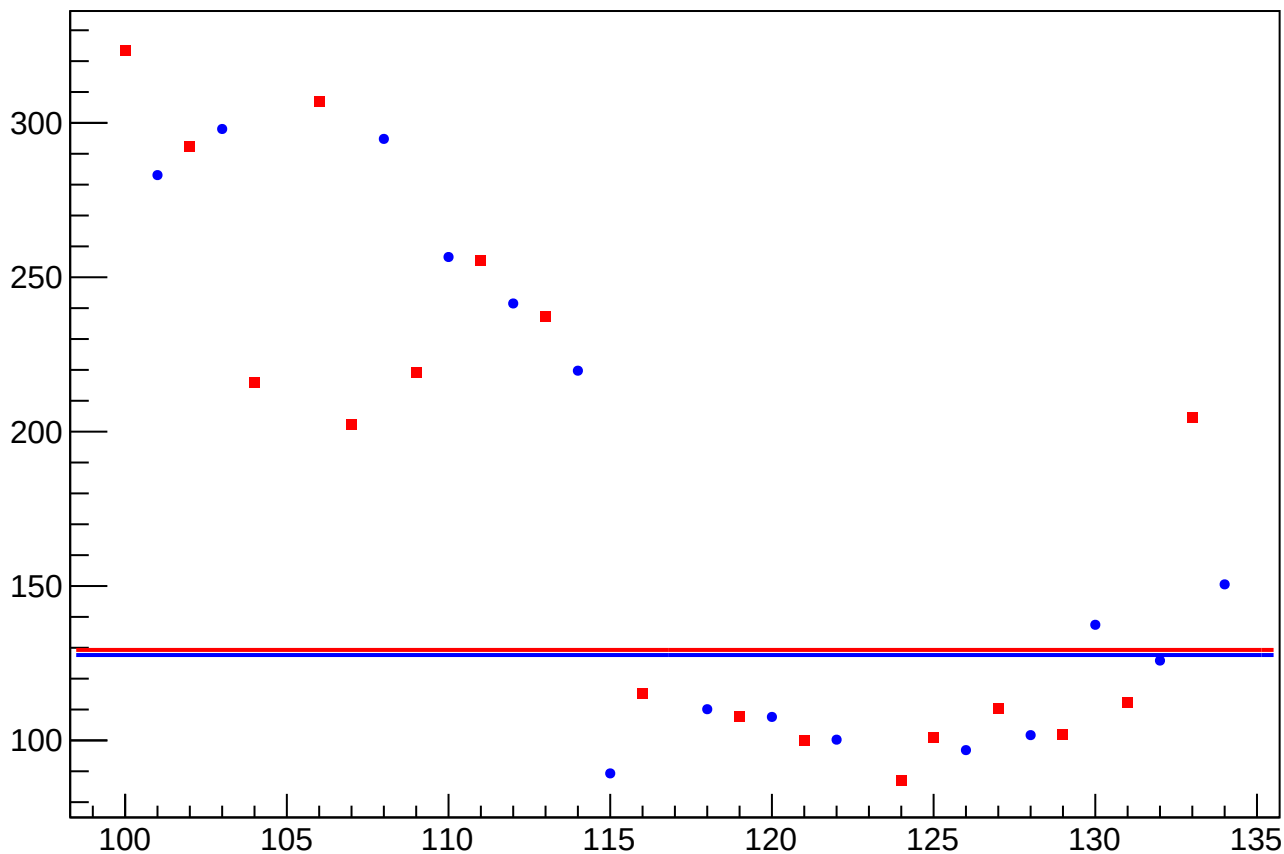
Right: -0.054 ± 0.039 χ^2/NDF : 25.7/31

In: -0.056 ± 0.056 χ^2/NDF : 12.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.039 χ^2/NDF : 25.7/31

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.649+/-0.039 χ^2/NDF : 1802478.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.305+/-0.039 χ^2/NDF : 1886133.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

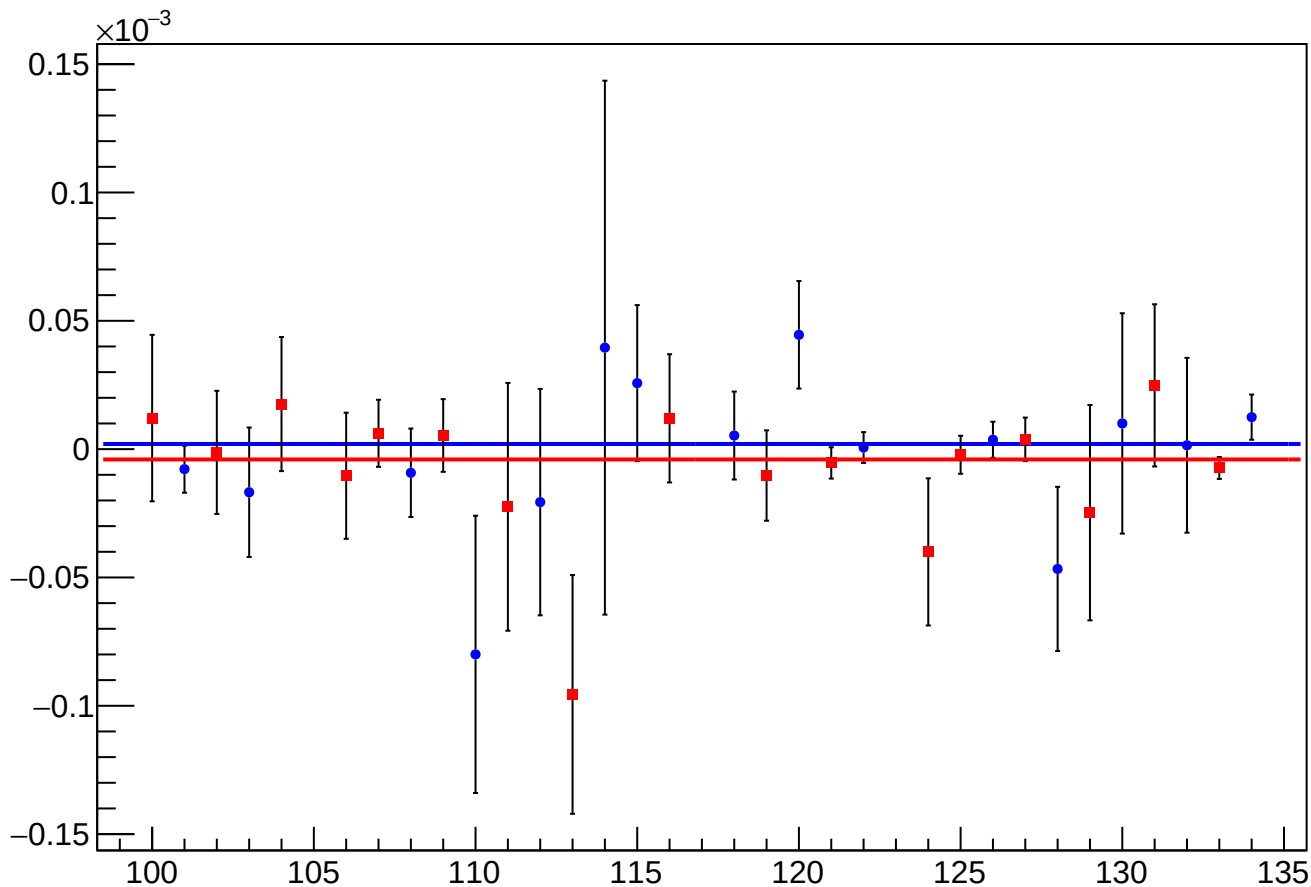
Right: 128.490+/-0.028 χ^2/NDF : 3689511.7/31

In: 127.649+/-0.039 χ^2/NDF : 1802478.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.490+/-0.028 χ^2/NDF : 3689511.7/31

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

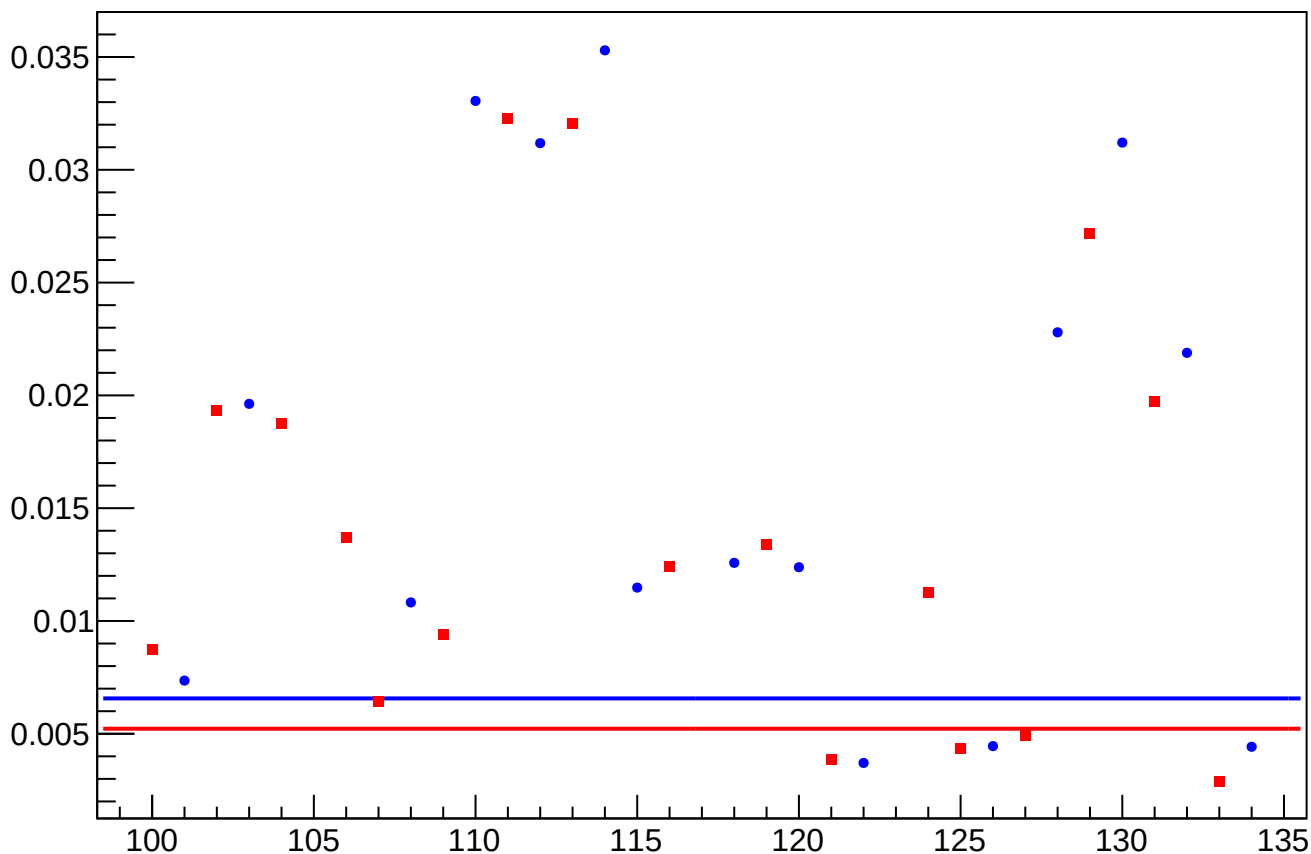
Right: -0.000+/-0.000 χ^2/NDF : 26.2/31

In: 0.000+/-0.000 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.2/31

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 4714257.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 5363625.7/16

Left 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 : 10272200.5/31

In: 0.007+/-0.000

χ^2/NDF : 4714257.9/14

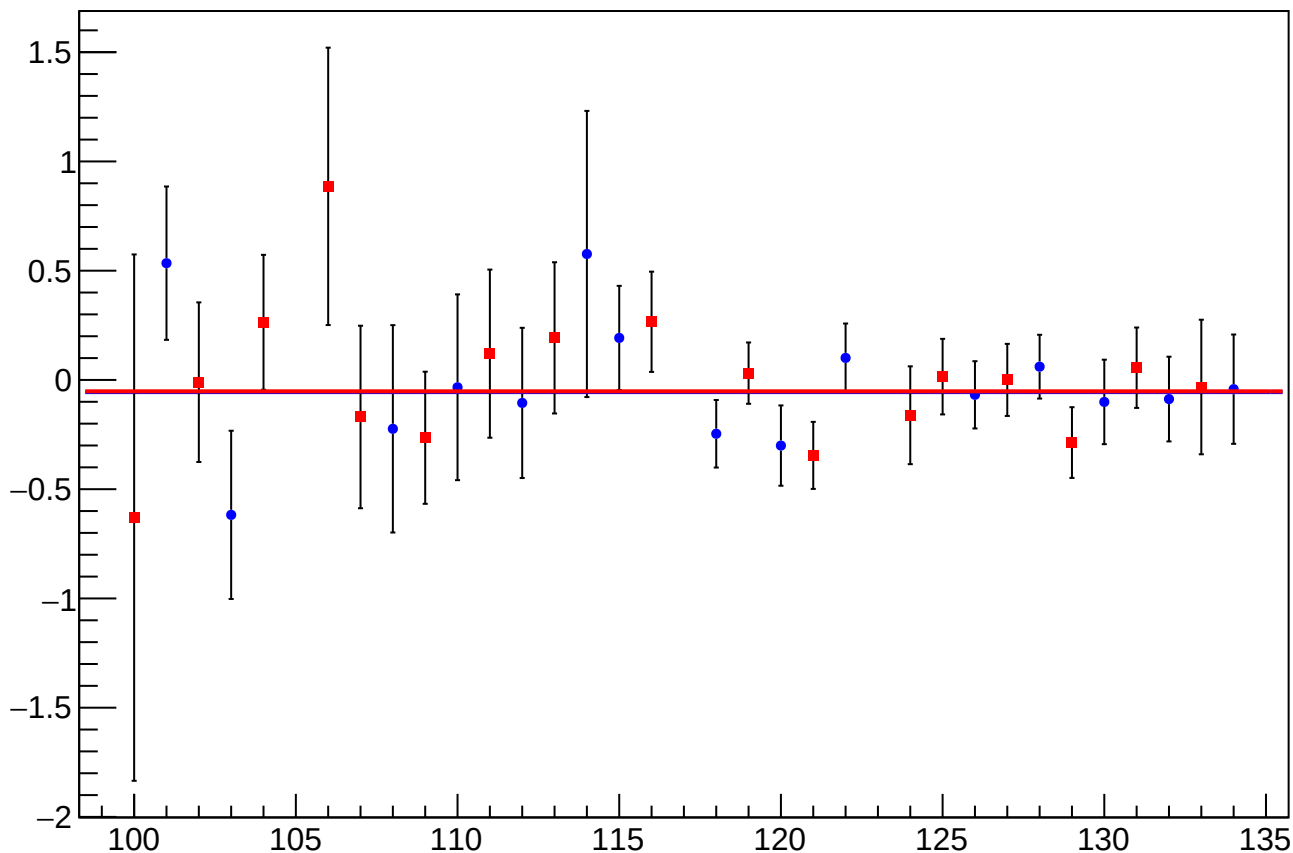
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 10272200.5/31

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056+/-0.056 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.052+/-0.055 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

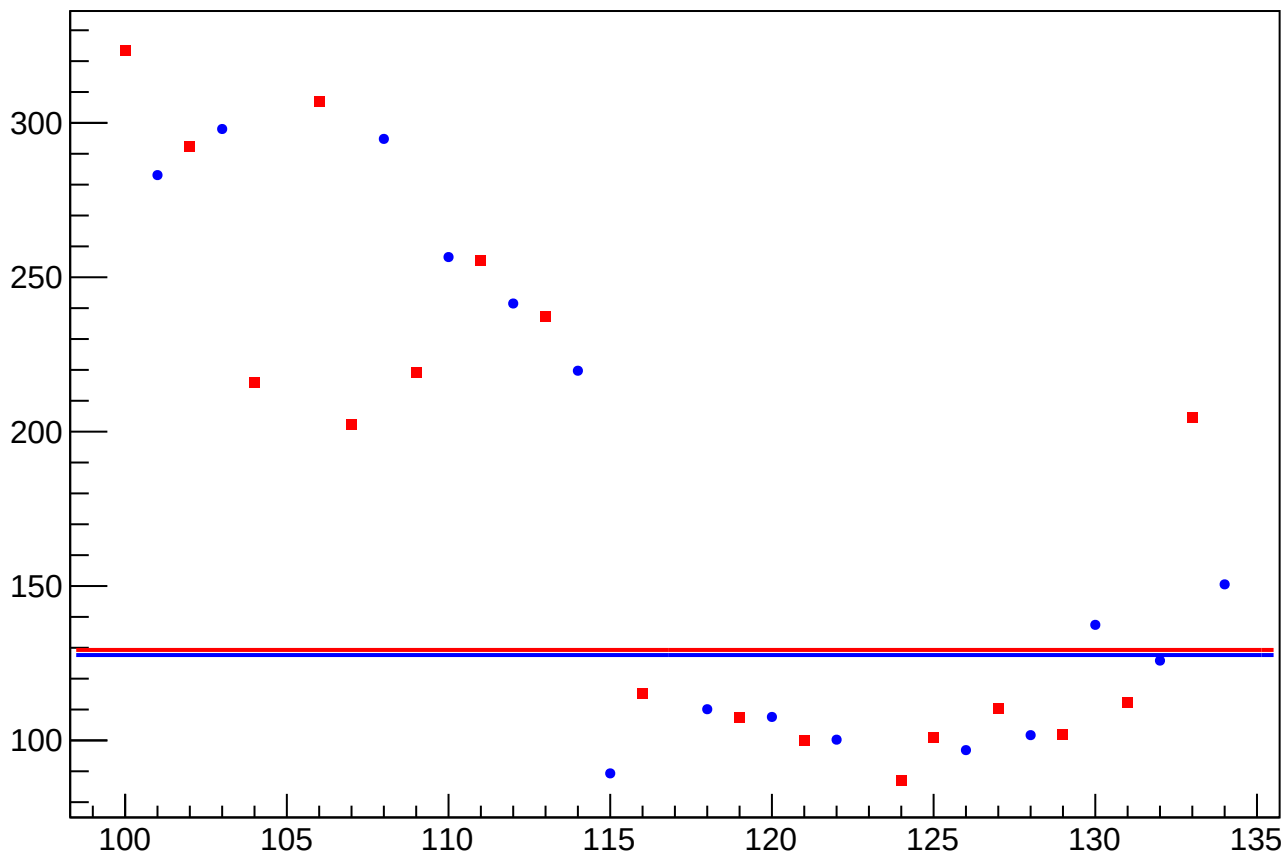
Right: -0.054+/-0.039 χ^2/NDF : 25.8/31

In: -0.056+/-0.056 χ^2/NDF :12.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.054+/-0.039 χ^2/NDF : 25.8/31

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.646+/-0.039 χ^2/NDF : 1802423.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.301+/-0.039 χ^2/NDF : 1886134.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

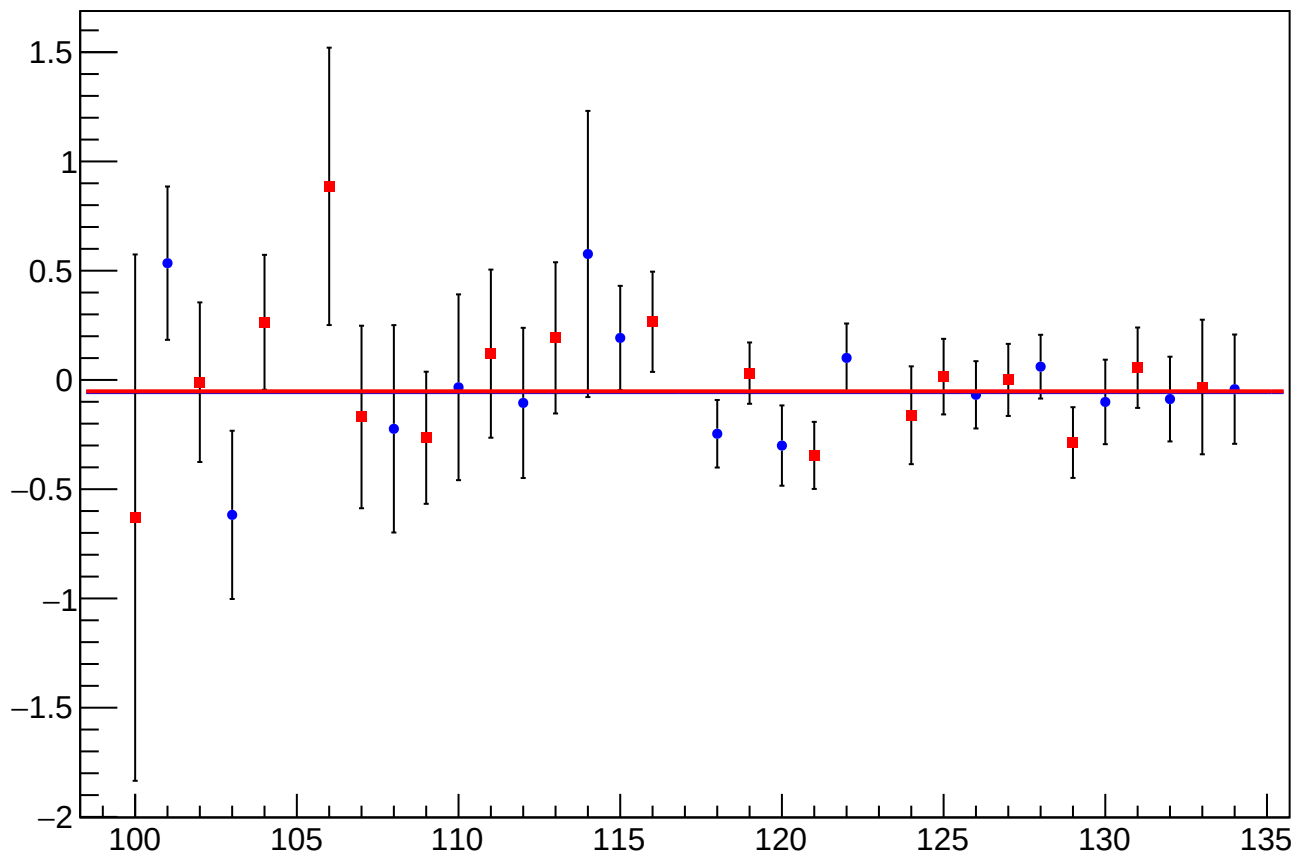
Right: 128.486+/-0.028 χ^2/NDF : 3689457.5/31

In: 127.646+/-0.039 χ^2/NDF : 1802423.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.486+/-0.028 χ^2/NDF : 3689457.5/31

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056±/0.056 χ^2/NDF : 12.1/14

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: -0.052±/0.055 χ^2/NDF : 13.6/16

Left In: 0.000±/0.000 χ^2/NDF :0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

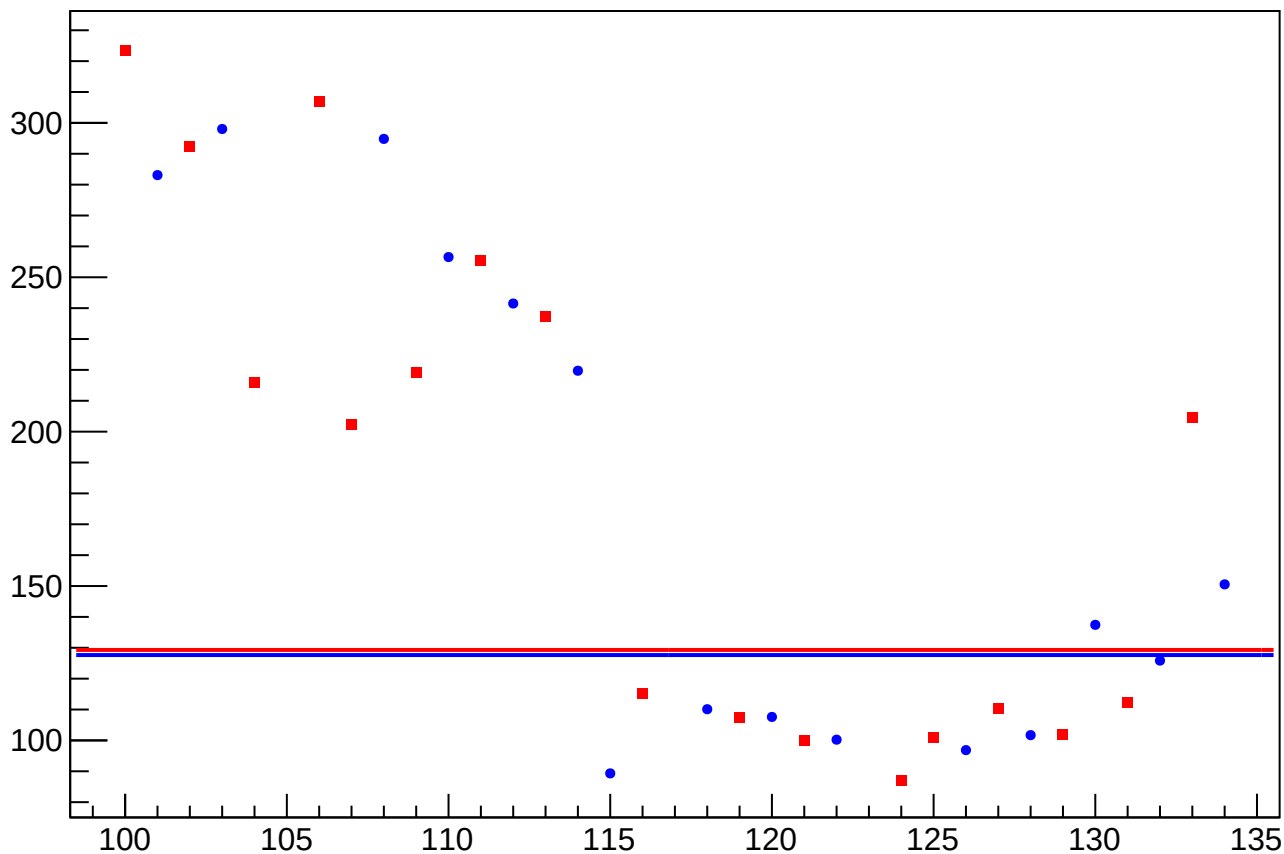
Right: -0.054±/0.039 χ^2/NDF : 25.8/31

In: -0.056±/0.056 χ^2/NDF :12.1/14

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: -0.054±/0.039 χ^2/NDF : 25.8/31

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.646+/-0.039 χ^2/NDF : 1802423.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.301+/-0.039 χ^2/NDF : 1886134.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

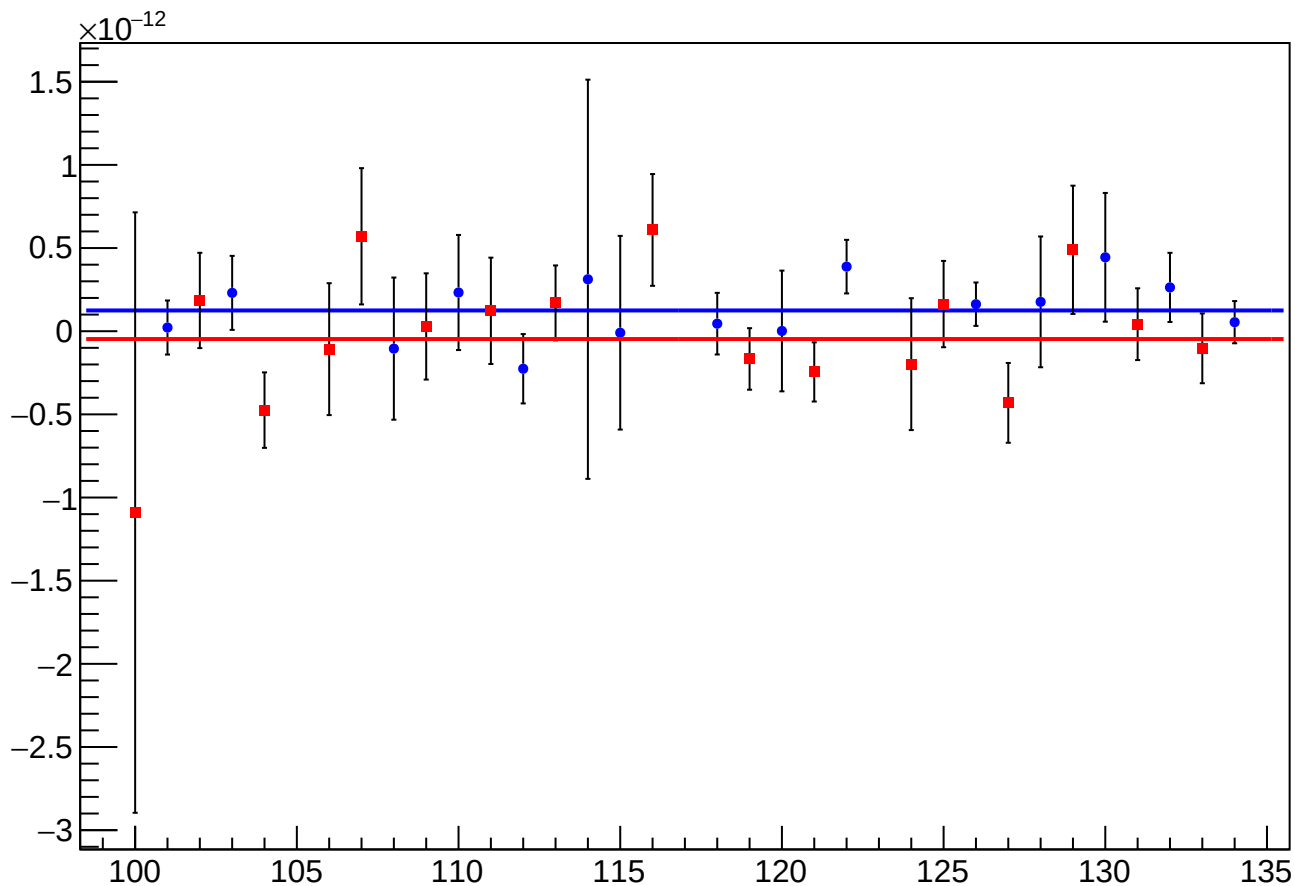
Right: 128.486+/-0.028 χ^2/NDF : 3689457.5/31

In: 127.646+/-0.039 χ^2/NDF : 1802423.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.486+/-0.028 χ^2/NDF : 3689457.5/31

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

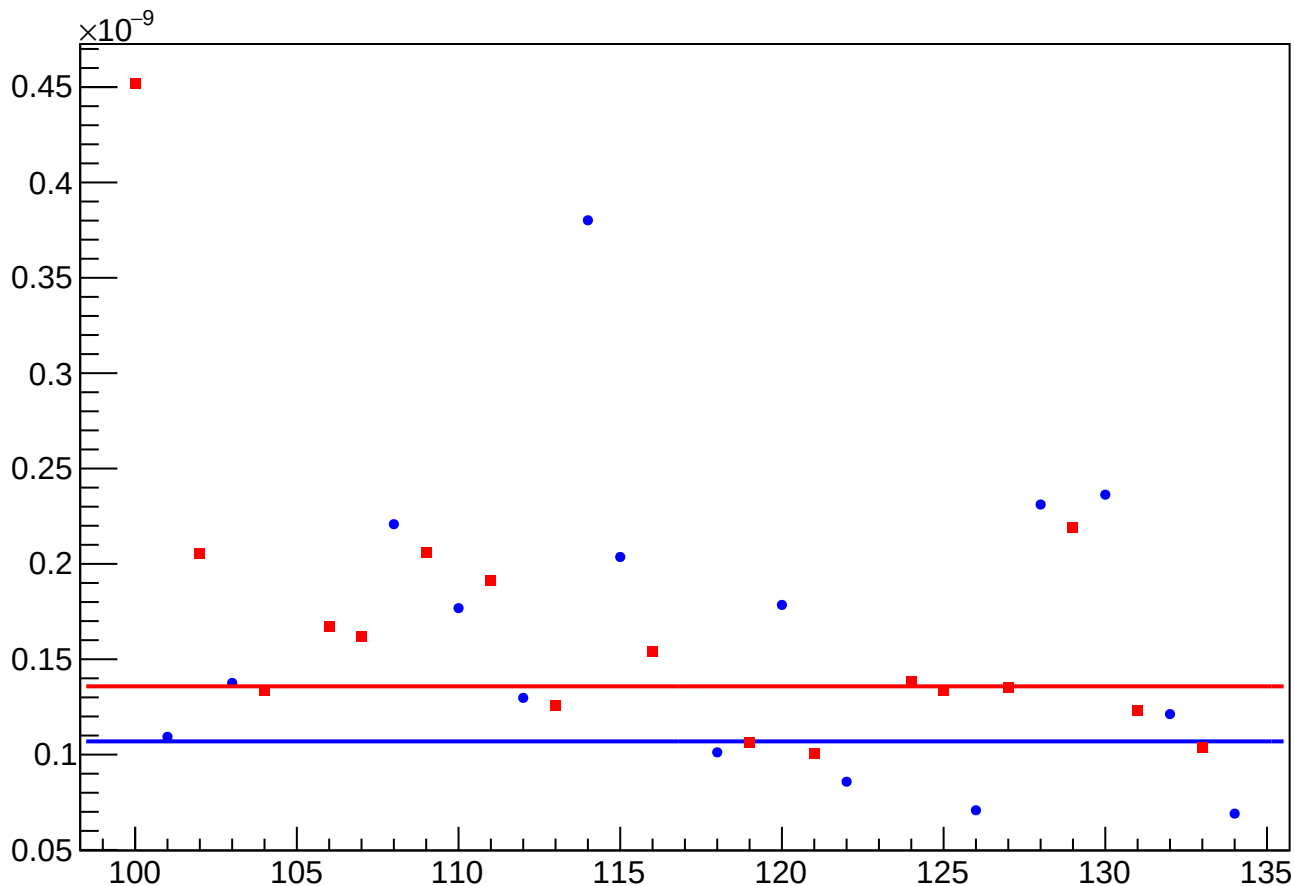
Right: 0.000+/-0.000 χ^2/NDF : 31.7/31

In: 0.000+/-0.000 χ^2/NDF : 8.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.7/31

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1322773.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 642945.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

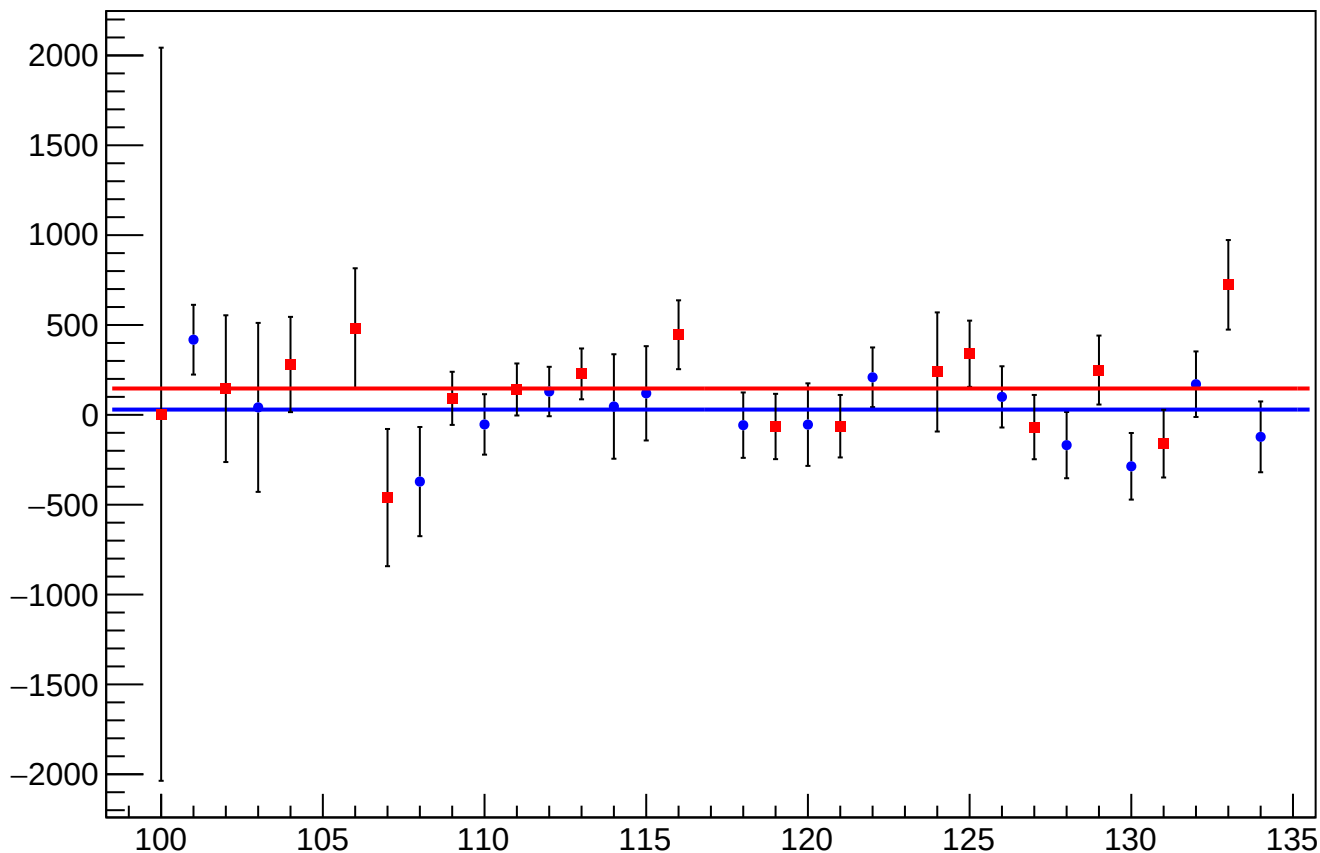
Right: 0.000+/-0.000 χ^2/NDF : 2198896.4/31

In: 0.000+/-0.000 χ^2/NDF : 1322773.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2198896.4/31

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 29.344+/-50.591 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.617+/-49.297 χ^2/NDF : 20.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

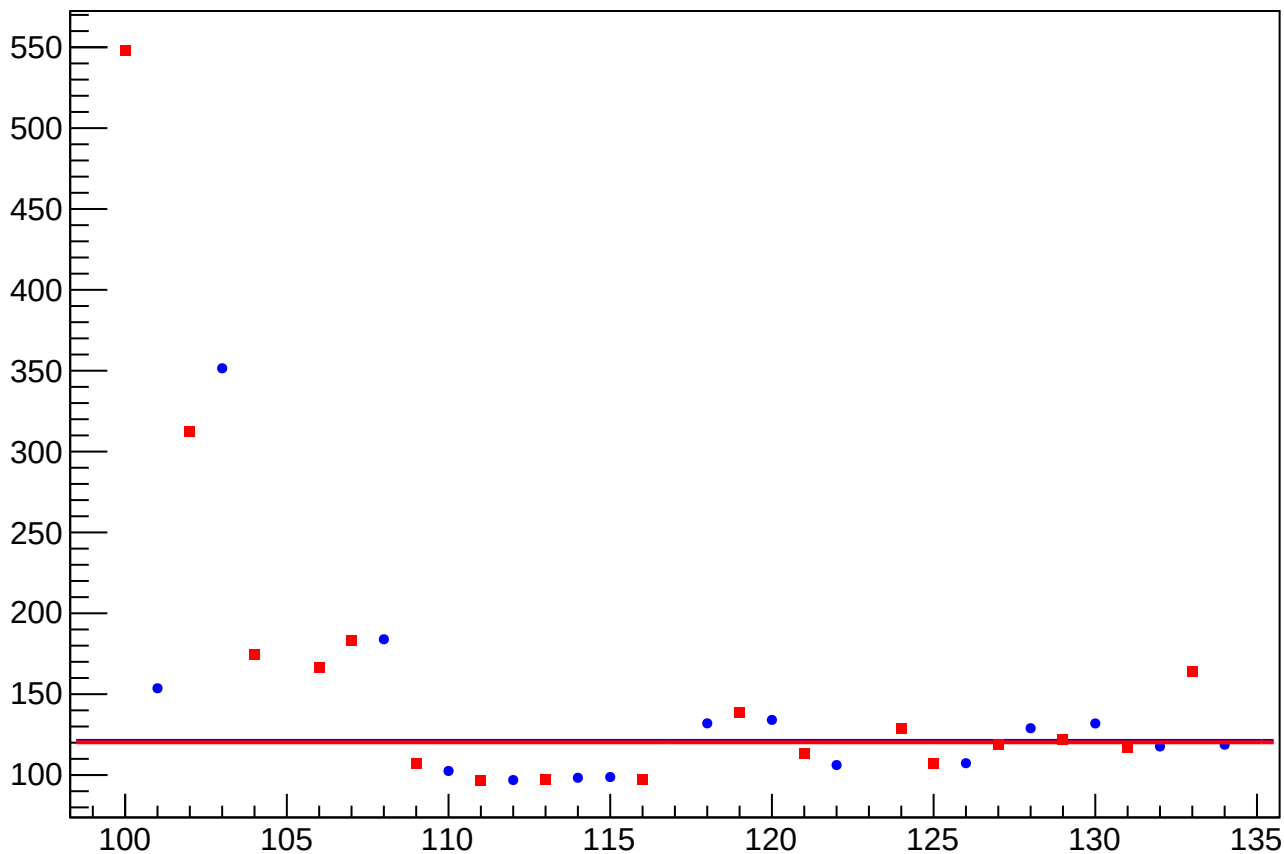
Right: 89.499+/-35.307 χ^2/NDF : 36.8/31

In: 29.344+/-50.591 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.499+/-35.307 χ^2/NDF : 36.8/31

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.091+/-0.036 χ^2/NDF : 789437.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.262+/-0.035 χ^2/NDF : 955308.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

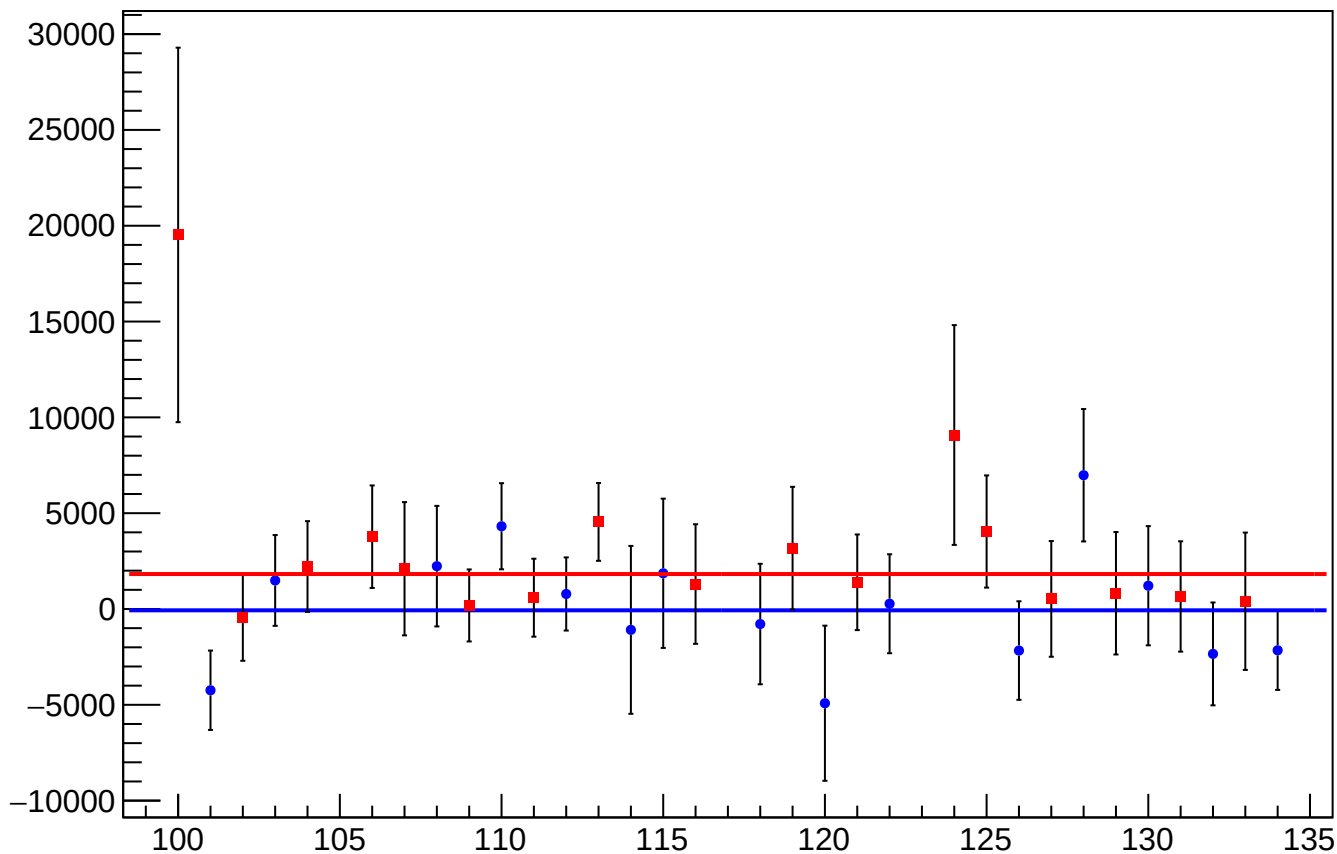
Right: 120.666+/-0.025 χ^2/NDF : 1745021.2/31

In: 121.091+/-0.036 χ^2/NDF : 789437.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.666+/-0.025 χ^2/NDF : 1745021.2/31

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: -68.886+/-685.831 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1823.942+/-661.006 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

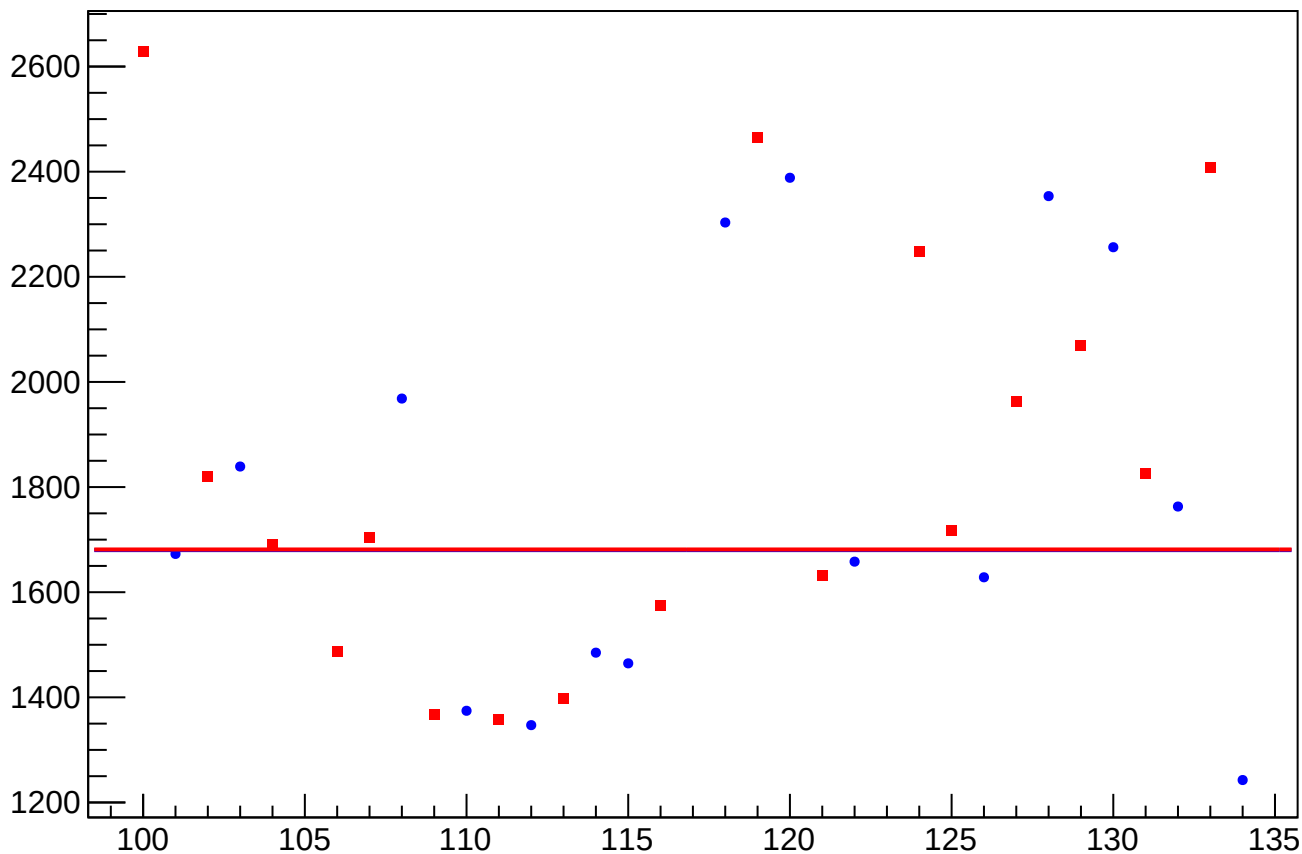
Right: 912.404+/-475.936 χ^2/NDF : 32.3/31

In: -68.886+/-685.831 χ^2/NDF : 17.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.404+/-475.936 χ^2/NDF : 32.3/31

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1680.052+/-0.485 χ^2/NDF : 510478.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1681.304+/-0.467 χ^2/NDF : 459356.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

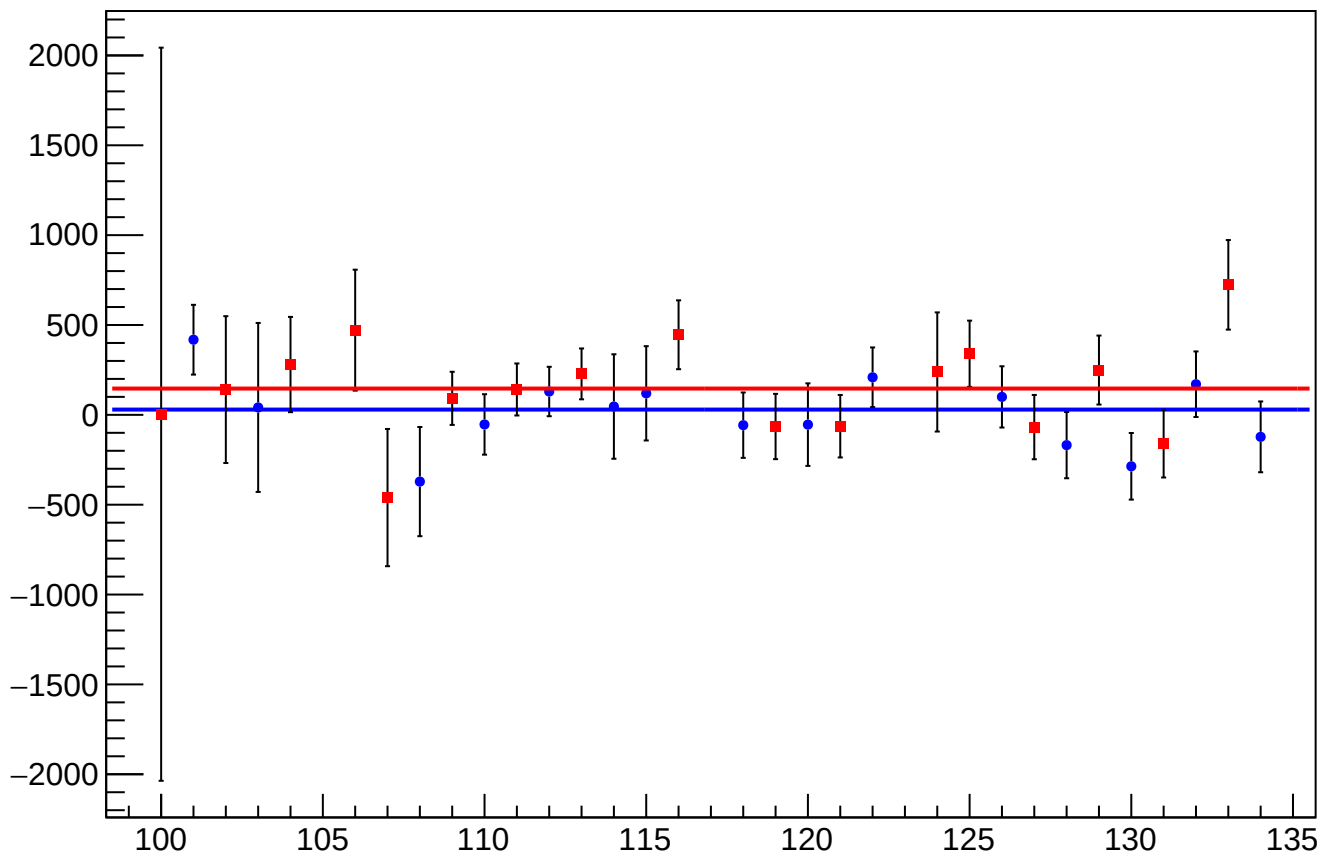
Right: 1680.701+/-0.337 χ^2/NDF : 969838.6/31

In: 1680.052+/-0.485 χ^2/NDF : 510478.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1680.701+/-0.337 χ^2/NDF : 969838.6/31

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 29.328+/-50.591 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.291+/-49.301 χ^2/NDF : 20.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

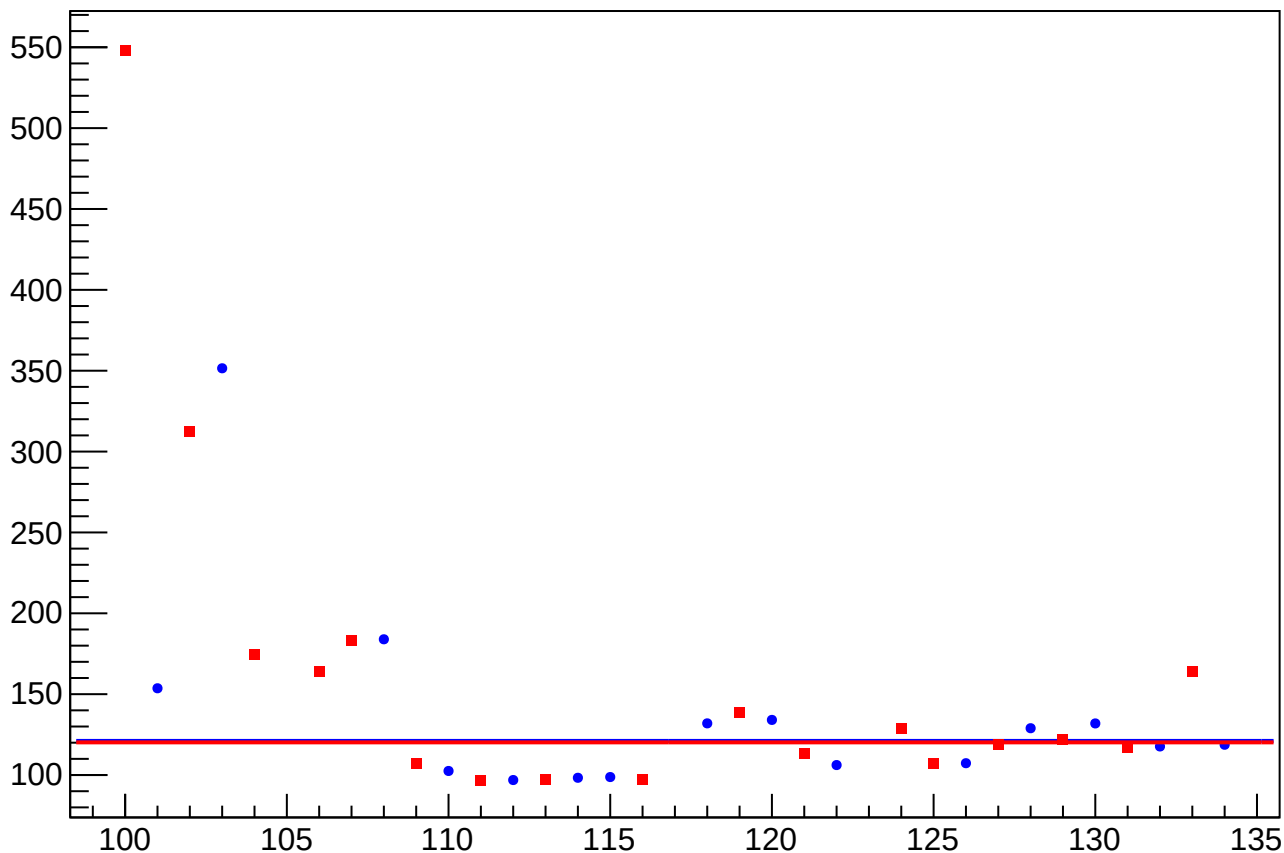
Right: 89.320+/-35.308 χ^2/NDF : 36.7/31

In: 29.328+/-50.591 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.320+/-35.308 χ^2/NDF : 36.7/31

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.091+/-0.036 χ^2/NDF : 789439.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.202+/-0.035 χ^2/NDF : 951330.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

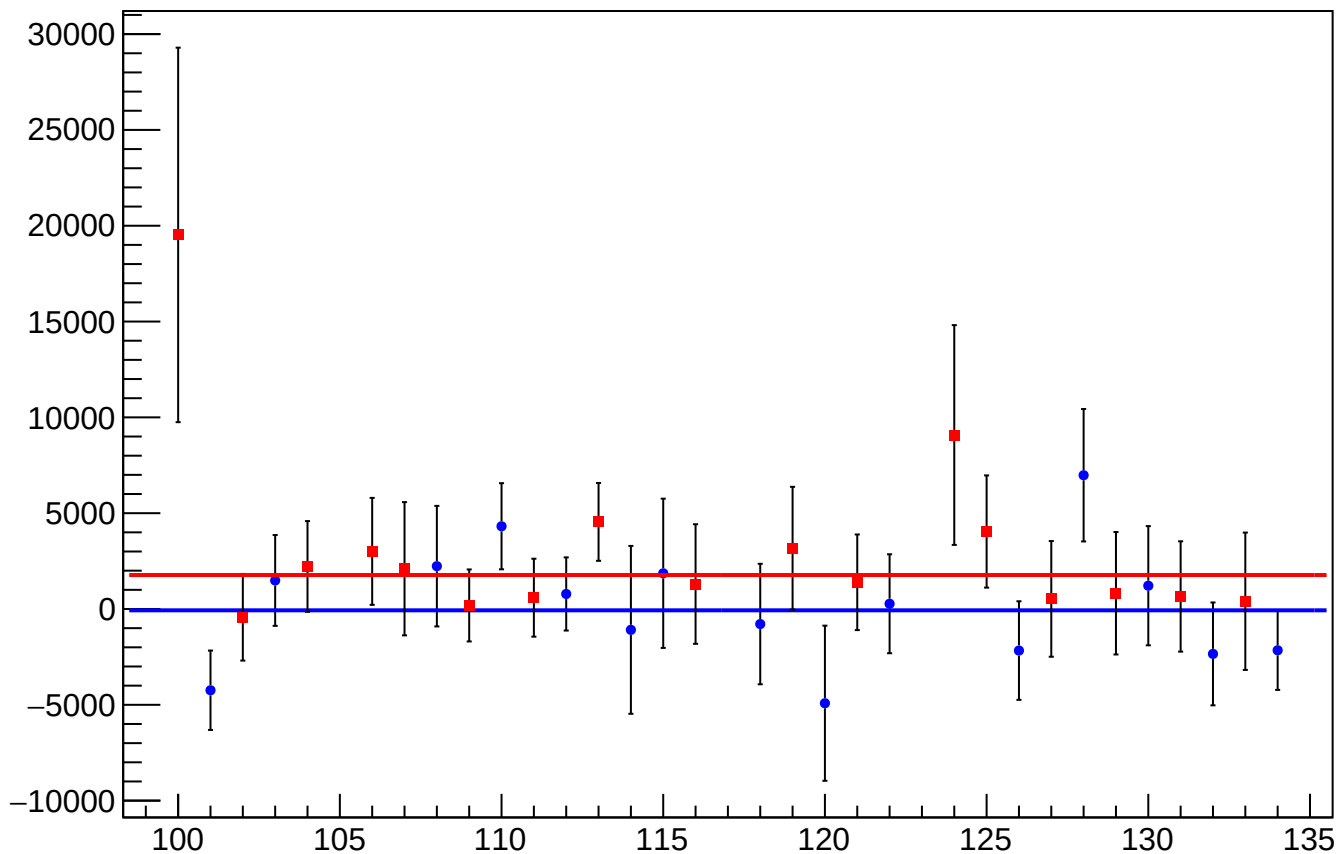
Right: 120.635+/-0.025 χ^2/NDF : 1741086.6/31

In: 121.091+/-0.036 χ^2/NDF : 789439.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.635+/-0.025 χ^2/NDF : 1741086.6/31

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: -68.852+/-685.837 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1772.746+/-662.694 χ^2/NDF : 10.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

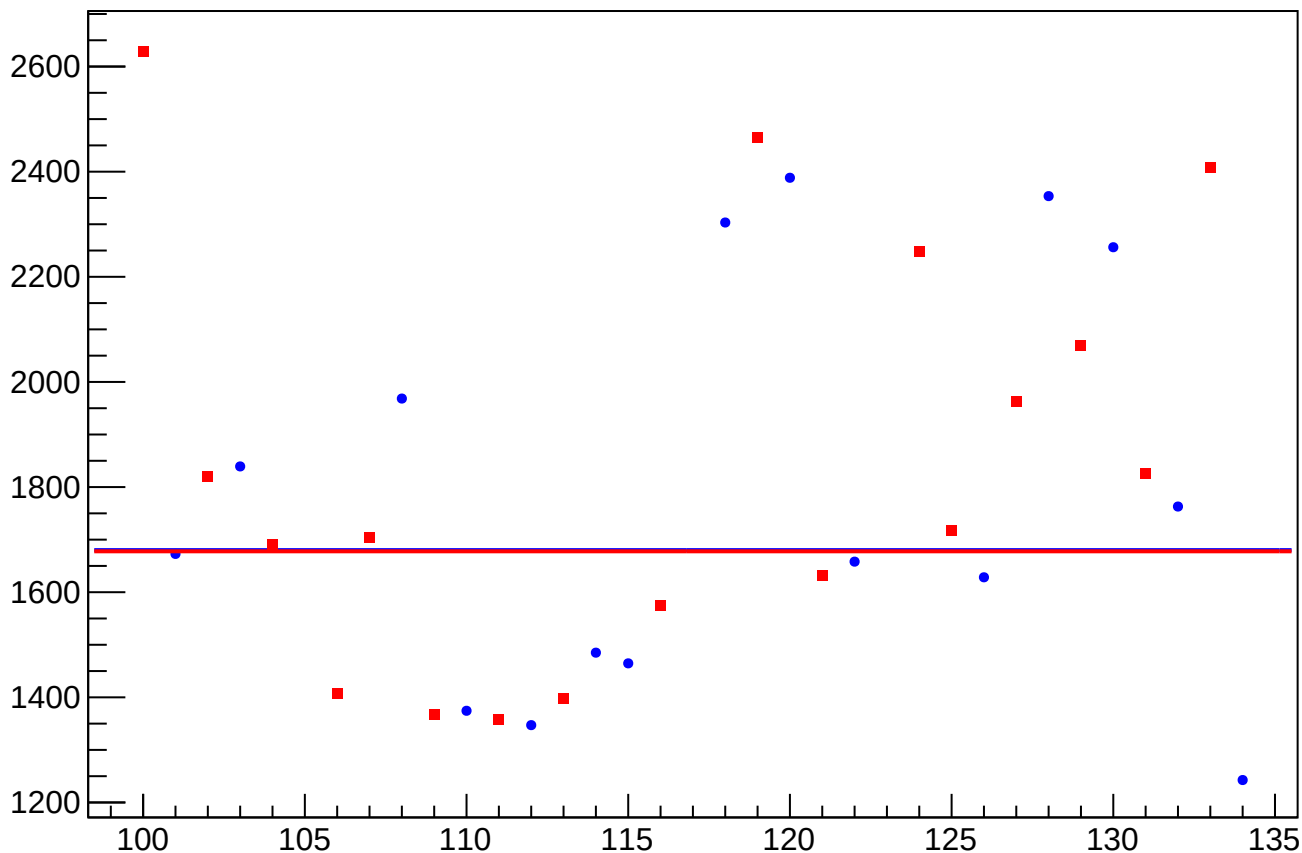
Right: 883.543+/-476.567 χ^2/NDF : 31.7/31

In: -68.852+/-685.837 χ^2/NDF :17.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 883.543+/-476.567 χ^2/NDF : 31.7/31

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1680.065+/-0.485 χ^2/NDF : 510499.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1677.802+/-0.469 χ^2/NDF : 468366.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

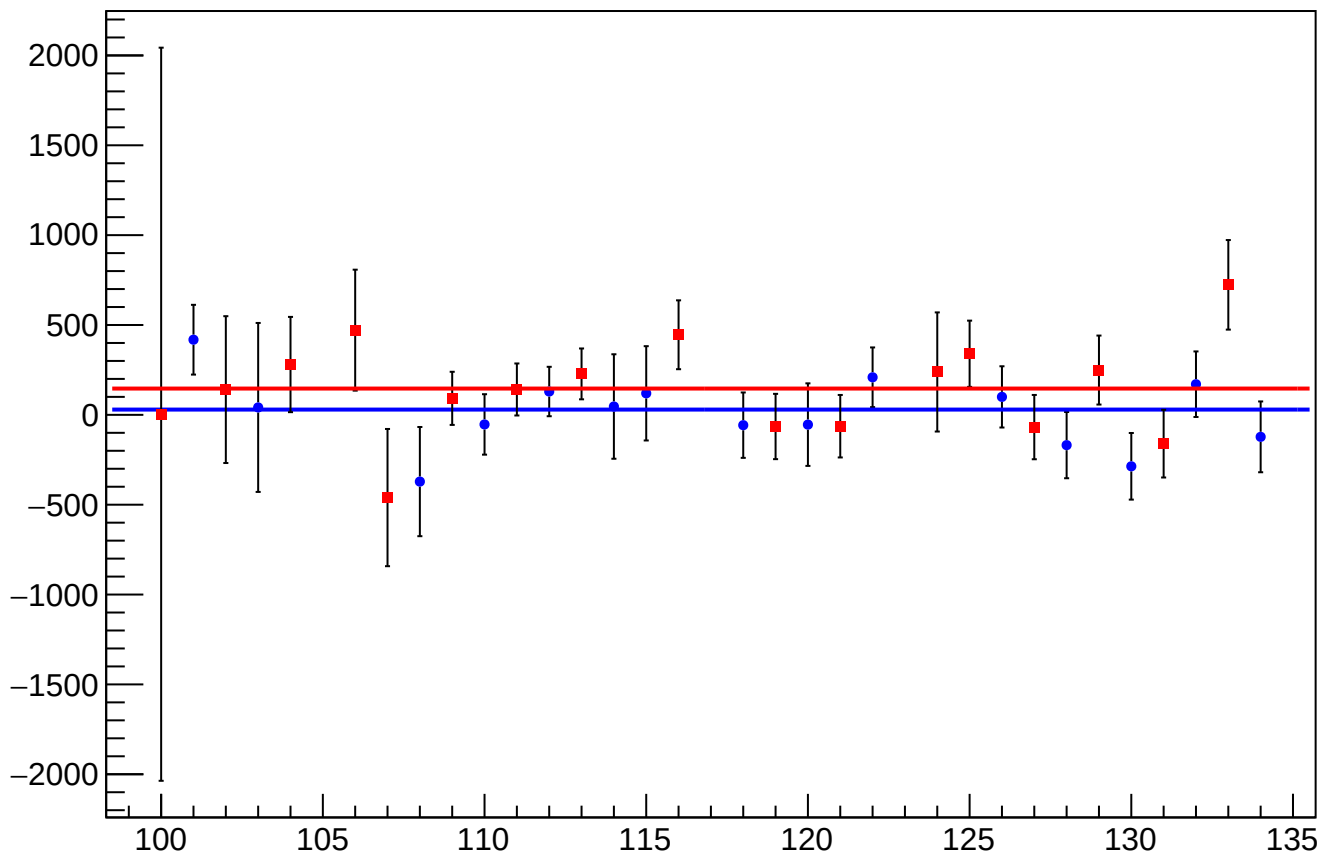
Right: 1678.895+/-0.337 χ^2/NDF : 978877.7/31

In: 1680.065+/-0.485 χ^2/NDF : 510499.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1678.895+/-0.337 χ^2/NDF : 978877.7/31

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 29.328+/-50.591 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.291+/-49.301 χ^2/NDF : 20.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

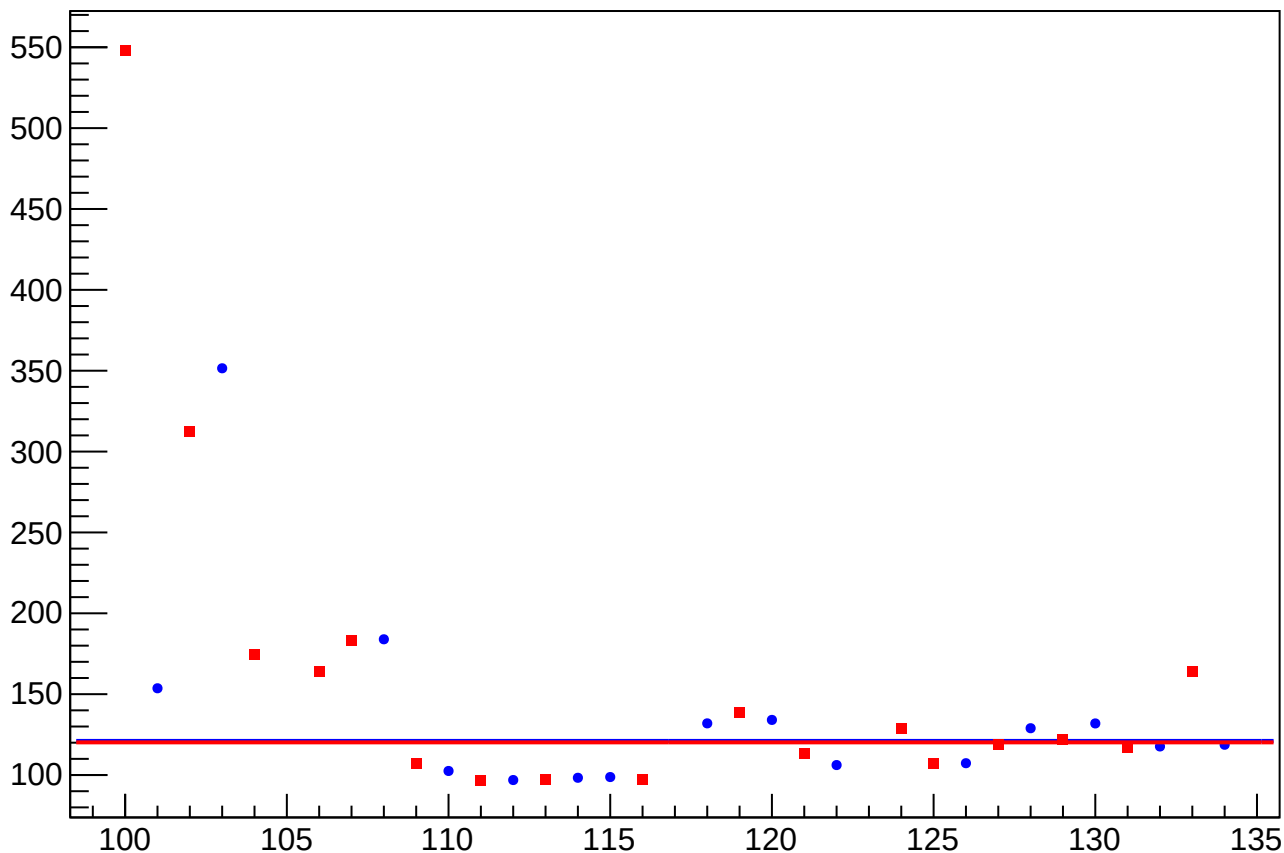
Right: 89.320+/-35.308 χ^2/NDF : 36.7/31

In: 29.328+/-50.591 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.320+/-35.308 χ^2/NDF : 36.7/31

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.091+/-0.036 χ^2/NDF : 789439.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.202+/-0.035 χ^2/NDF : 951330.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

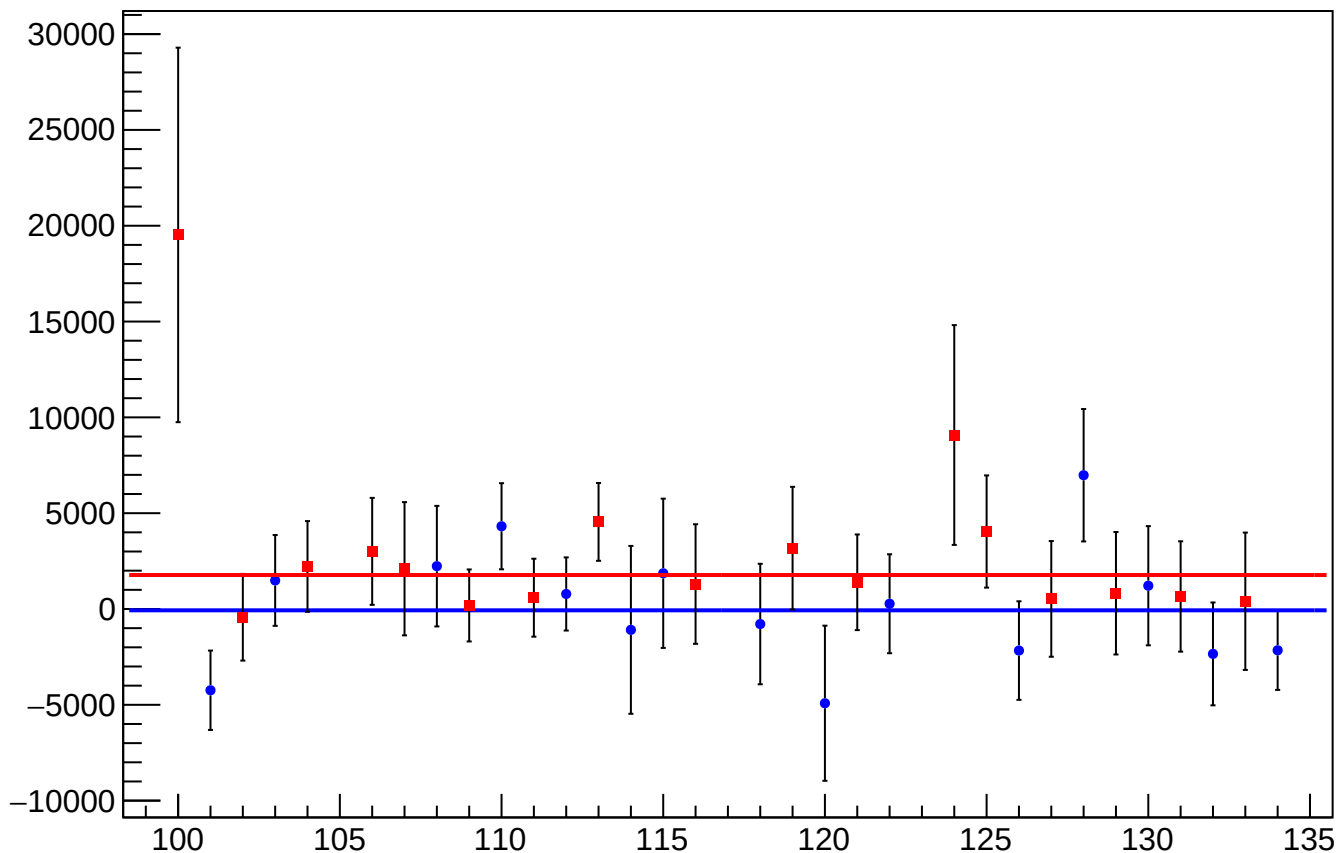
Right: 120.635+/-0.025 χ^2/NDF : 1741086.6/31

In: 121.091+/-0.036 χ^2/NDF : 789439.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.635+/-0.025 χ^2/NDF : 1741086.6/31

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -68.852 ± 685.837 χ^2/NDF : 17.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1772.746 ± 662.694 χ^2/NDF : 10.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

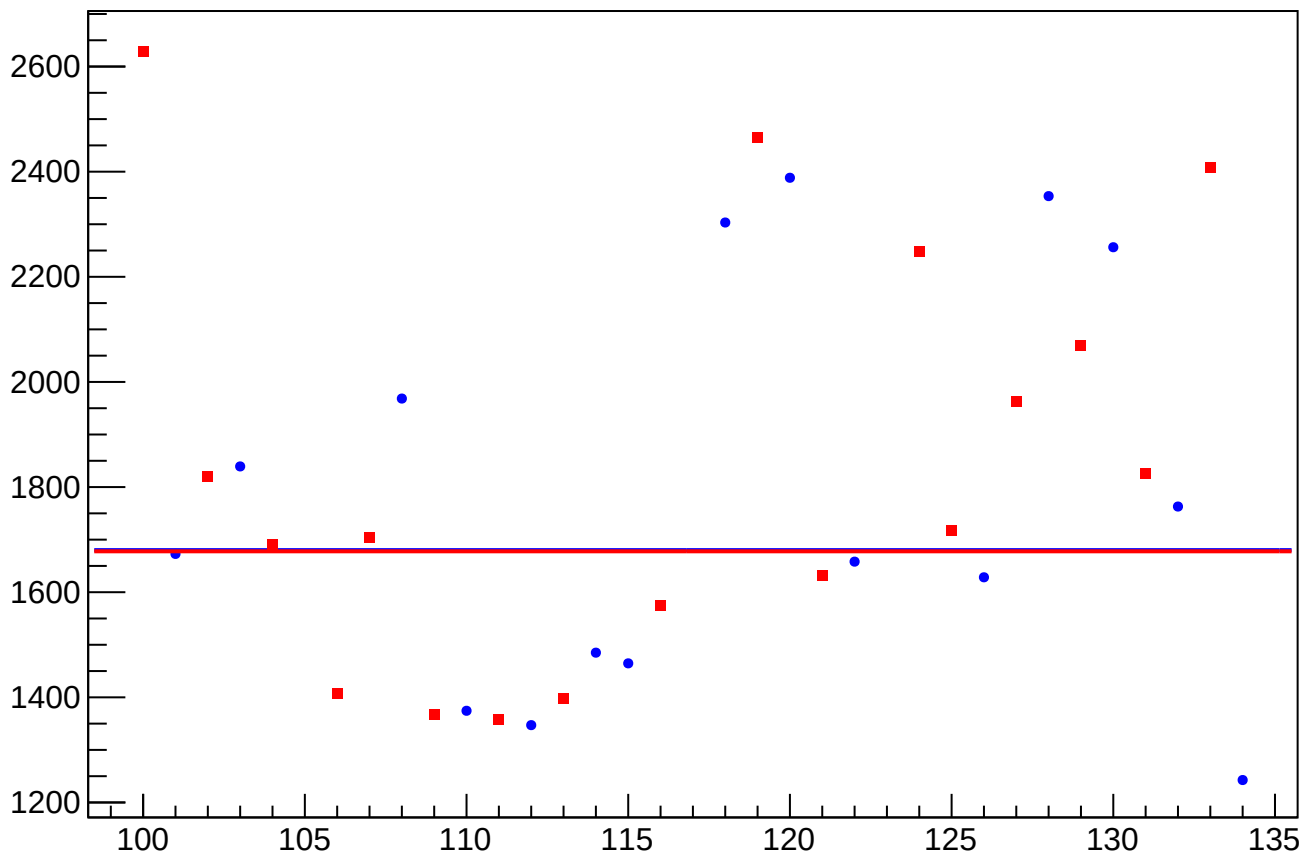
Right: 883.543 ± 476.567 χ^2/NDF : 31.7/31

In: -68.852 ± 685.837 χ^2/NDF : 17.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 883.543 ± 476.567 χ^2/NDF : 31.7/31

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1680.065+/-0.485 χ^2/NDF : 510499.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1677.802+/-0.469 χ^2/NDF : 468366.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

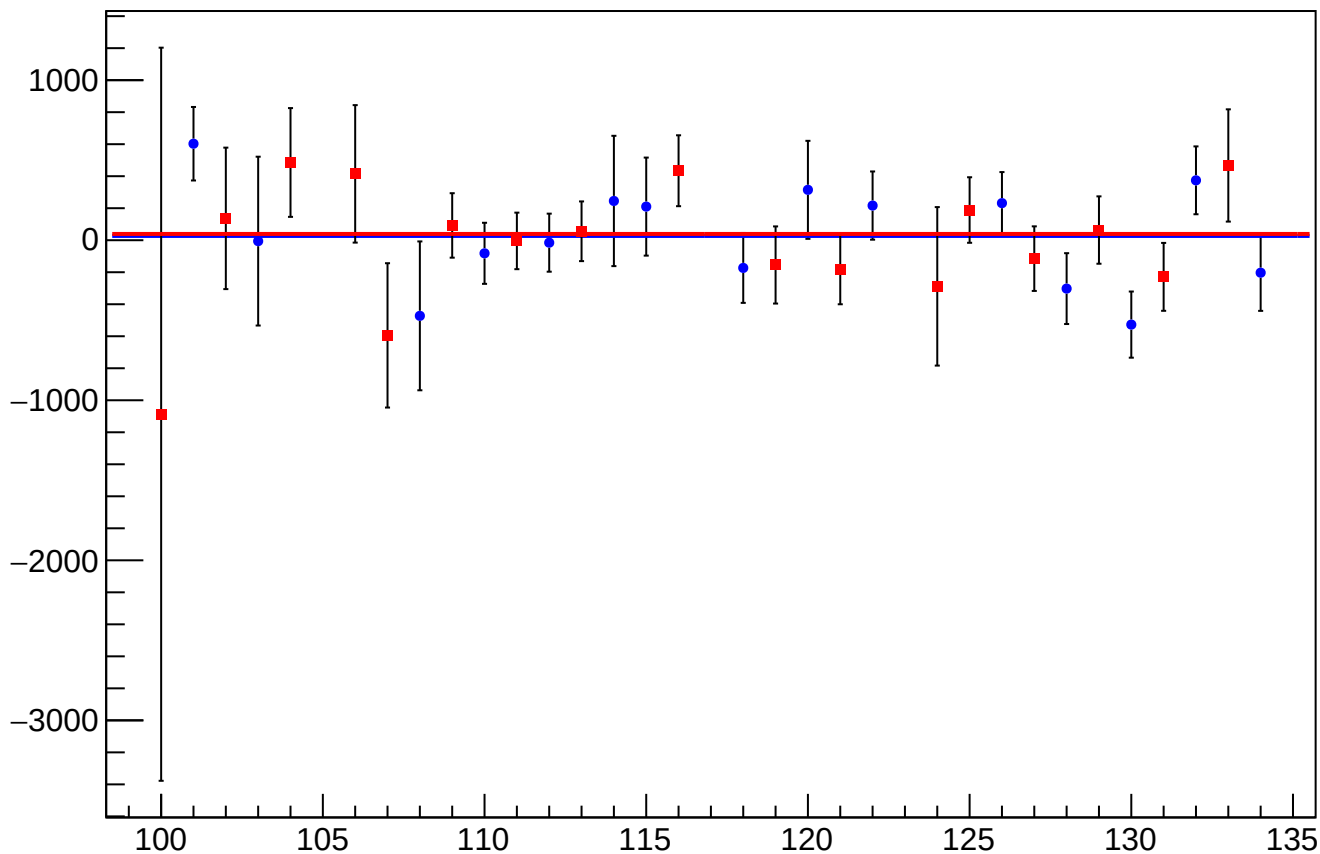
Right: 1678.895+/-0.337 χ^2/NDF : 978877.7/31

In: 1680.065+/-0.485 χ^2/NDF : 510499.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1678.895+/-0.337 χ^2/NDF : 978877.7/31

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 26.836+/-61.355 χ^2/NDF : 25.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.162+/-60.420 χ^2/NDF : 14.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

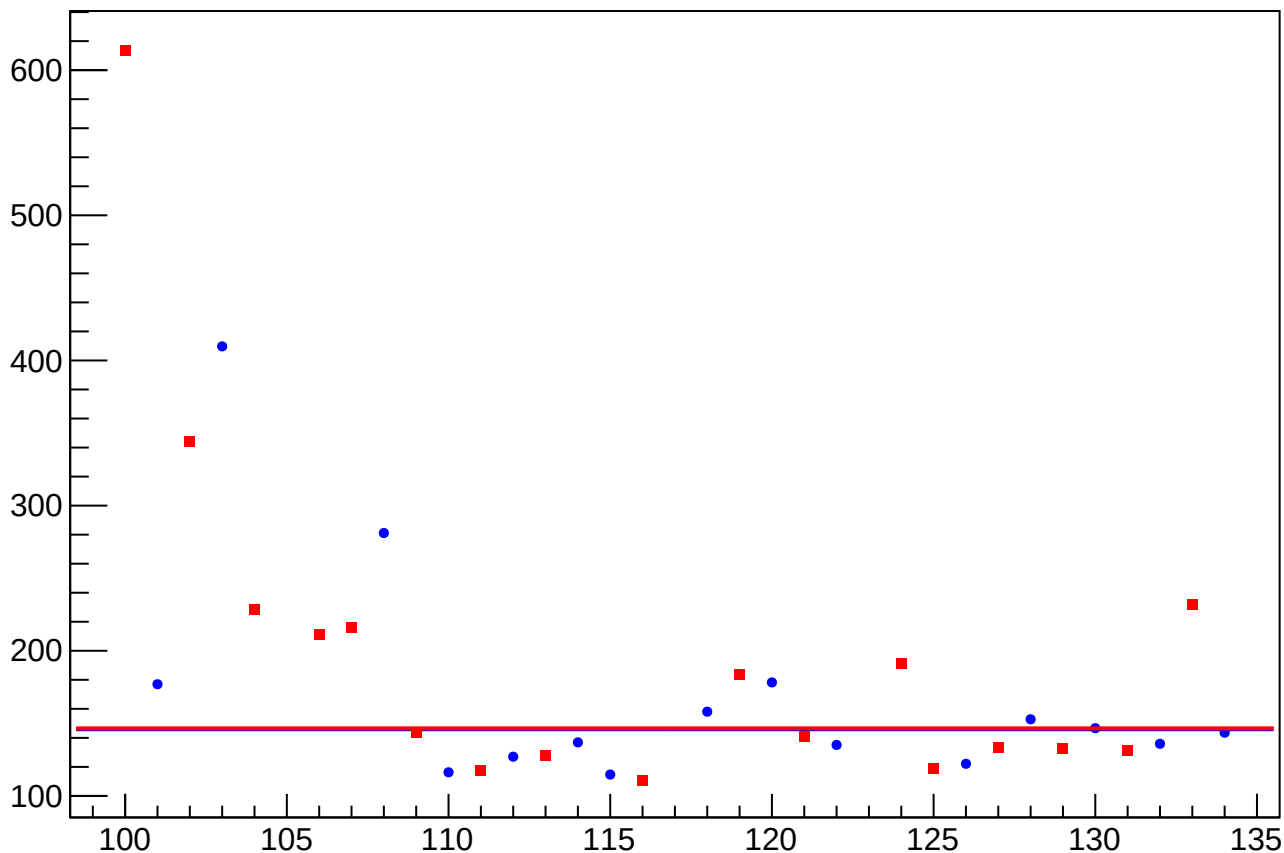
Right: 33.094+/-43.050 χ^2/NDF : 39.6/31

In: 26.836+/-61.355 χ^2/NDF : 25.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.094+/-43.050 χ^2/NDF : 39.6/31

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 145.962 $\pm$ 0.043 χ^2 /NDF: 867618.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.557 $\pm$ 0.043 χ^2 /NDF: 1066123.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

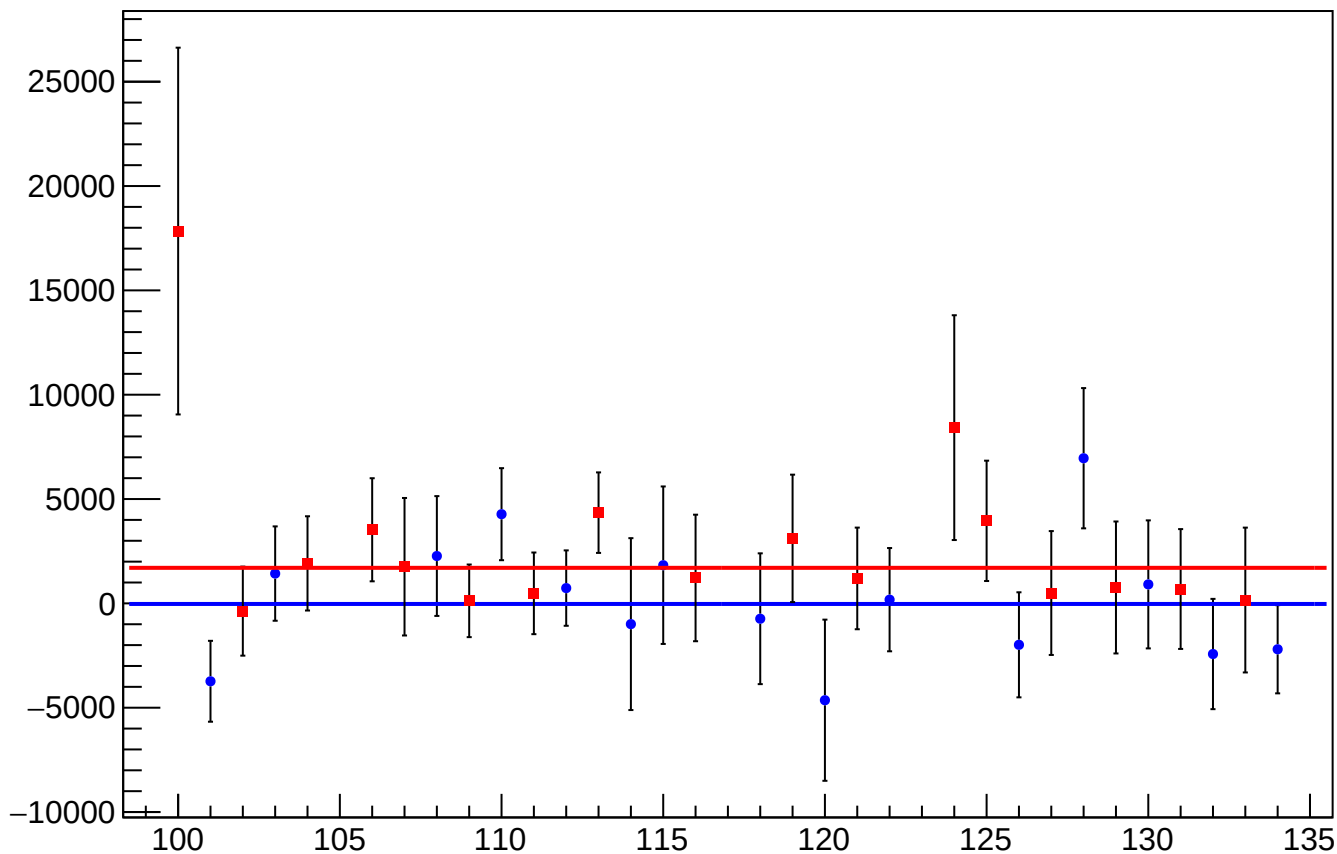
Right: 146.264 $\pm$ 0.030 χ^2 /NDF: 1933837.1/31

In: 145.962 $\pm$ 0.043 χ^2 /NDF:867618.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.264 $\pm$ 0.030 χ^2 /NDF: 1933837.1/31

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -28.005 ± 662.815 $\chi^2/\text{NDF}: 17.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1703.372 ± 632.164 $\chi^2/\text{NDF}: 11.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

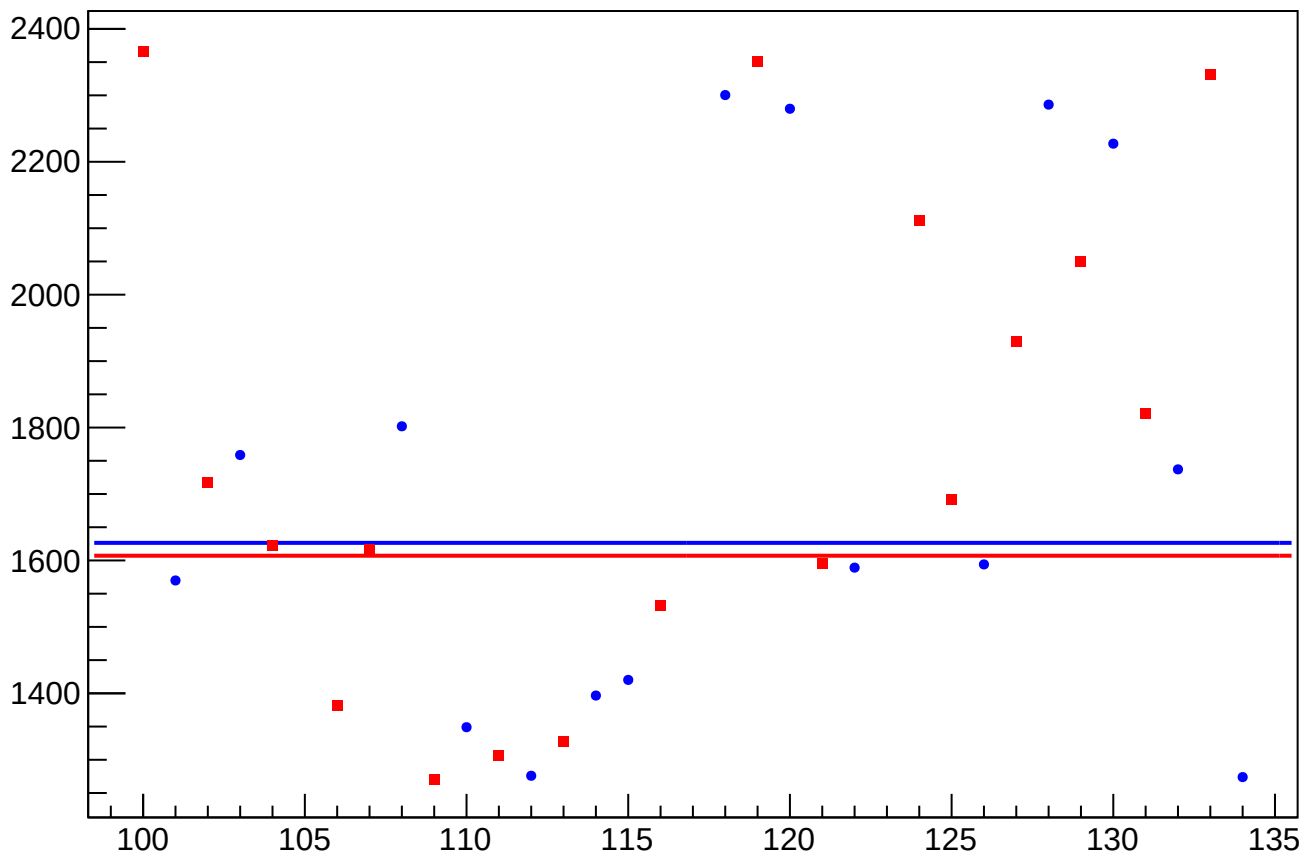
Right: 878.640 ± 457.460 $\chi^2/\text{NDF}: 31.9/31$

In: -28.005 ± 662.815 $\chi^2/\text{NDF}: 17.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 878.640 ± 457.460 $\chi^2/\text{NDF}: 31.9/31$

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1626.482+/-0.469 χ^2/NDF : 498555.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.126+/-0.447 χ^2/NDF : 501920.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

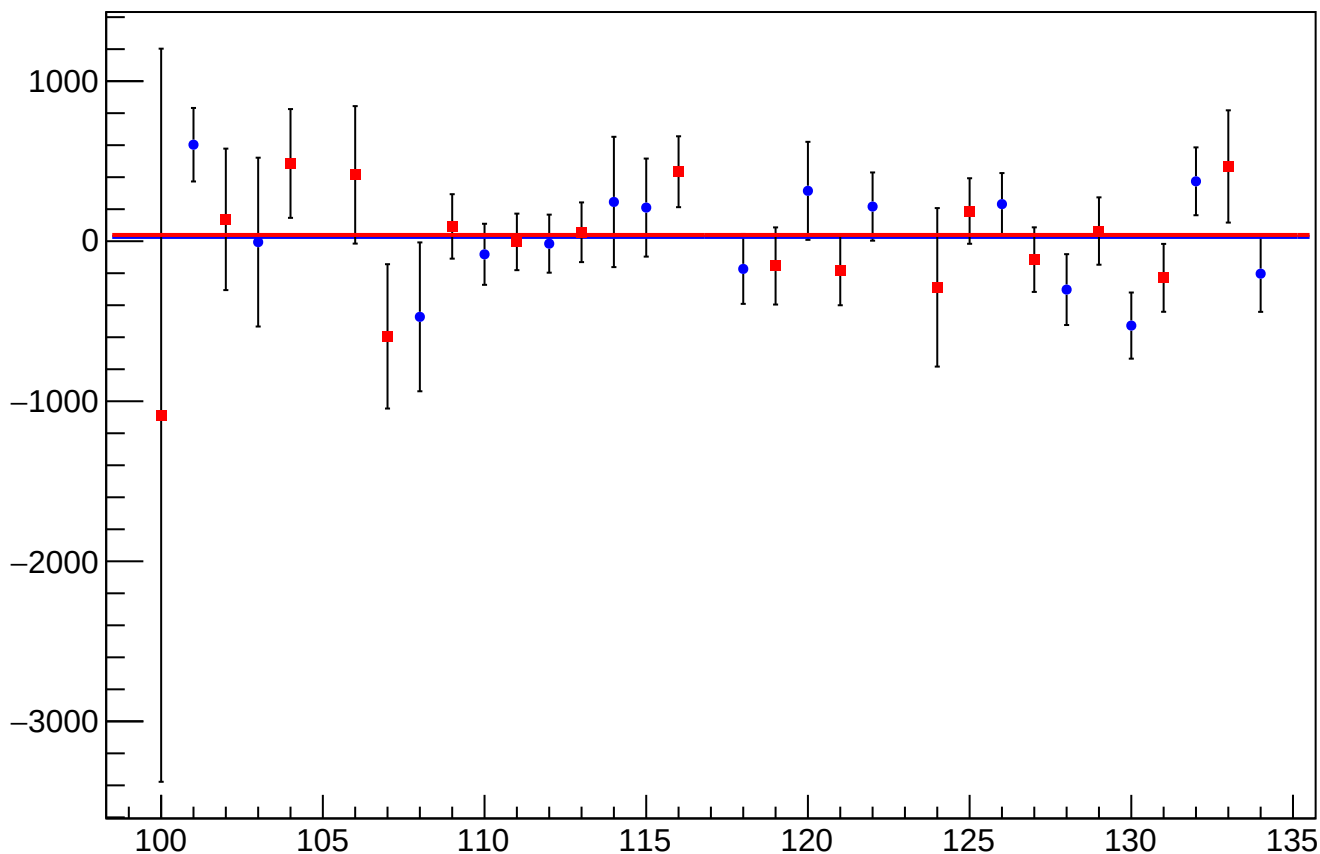
Right: 1616.346+/-0.323 χ^2/NDF : 1001368.6/31

In: 1626.482+/-0.469 χ^2/NDF : 498555.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.346+/-0.323 χ^2/NDF : 1001368.6/31

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 26.834+/-61.356 χ^2/NDF : 25.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.158+/-60.420 χ^2/NDF : 14.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

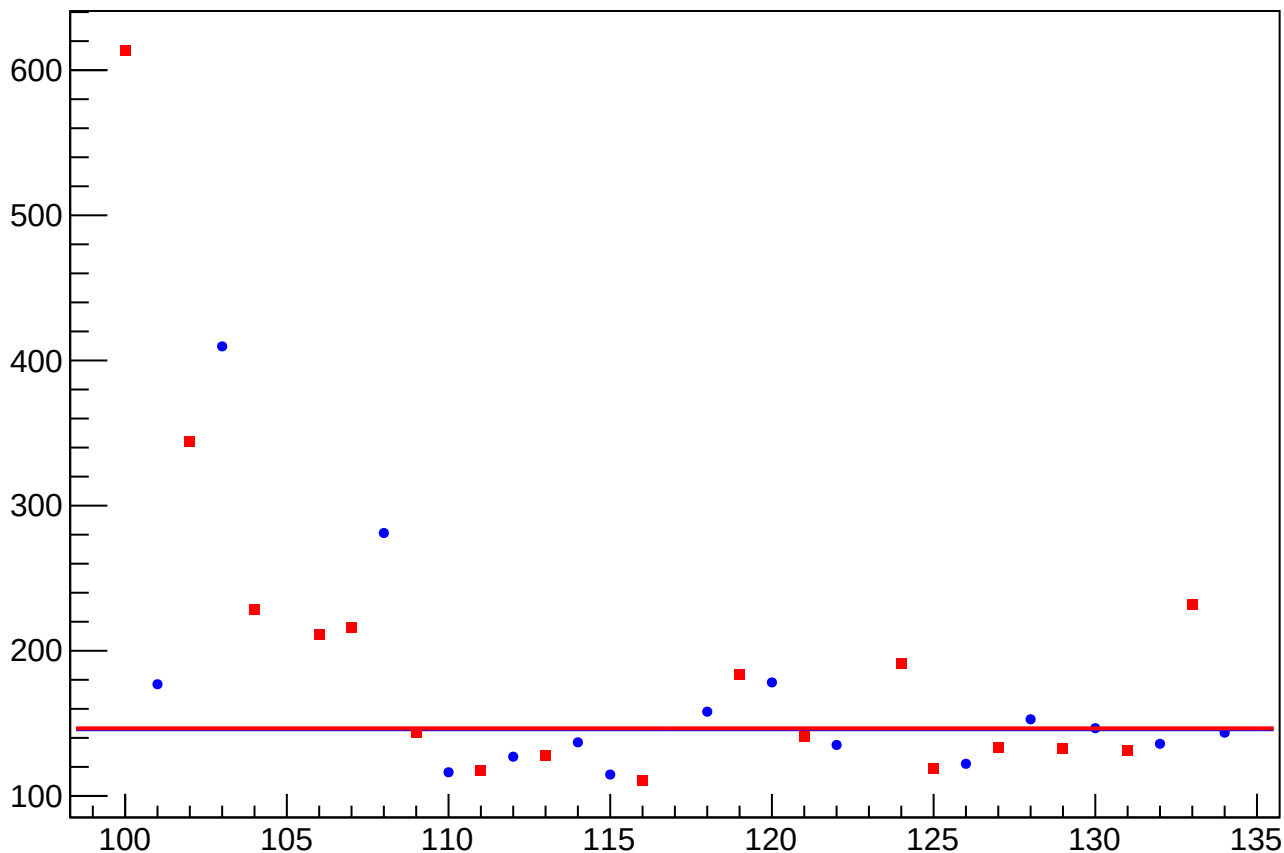
Right: 33.091+/-43.050 χ^2/NDF : 39.6/31

In: 26.834+/-61.356 χ^2/NDF : 25.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.091+/-43.050 χ^2/NDF : 39.6/31

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 145.962 $\pm$ 0.043 χ^2 /NDF: 867608.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.558 $\pm$ 0.043 χ^2 /NDF: 1066121.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

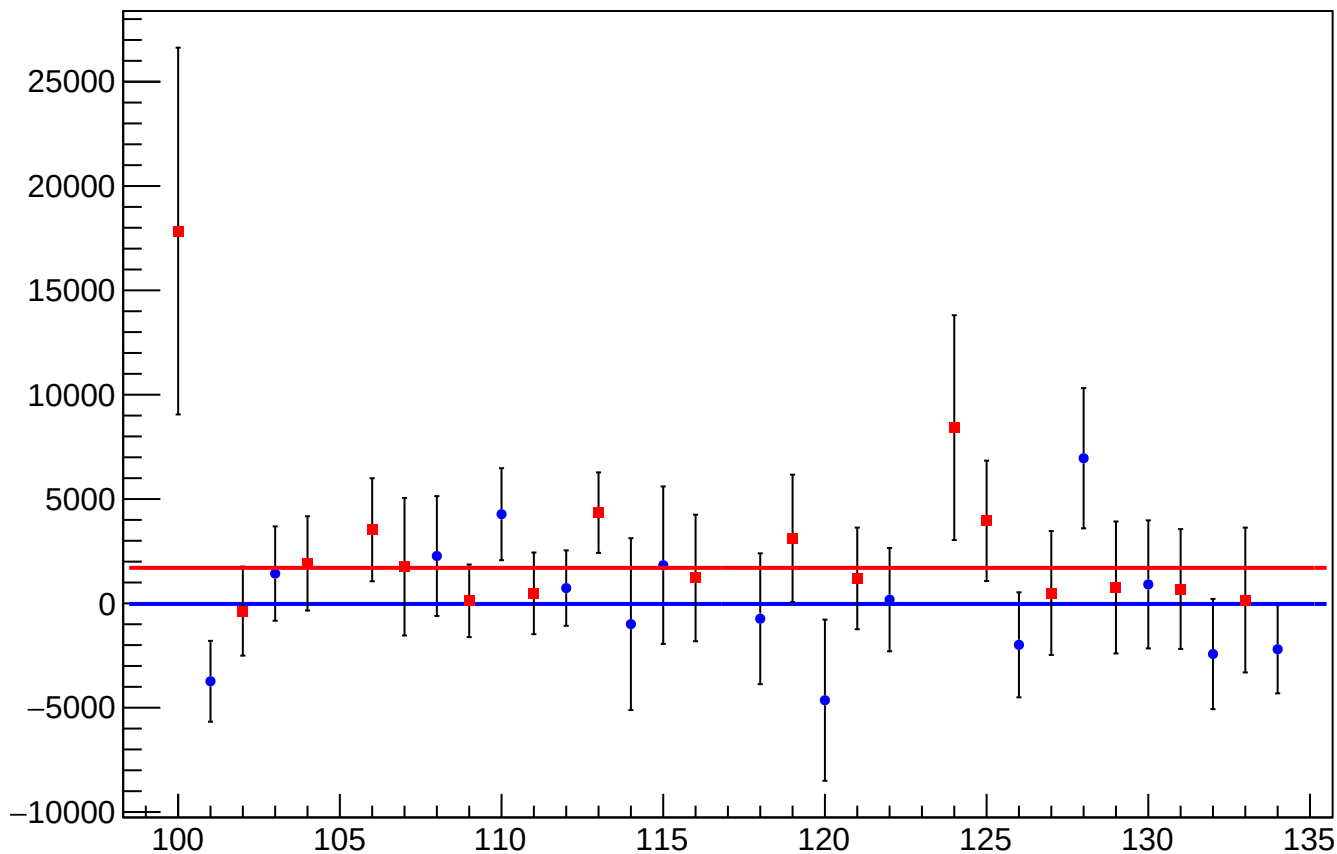
Right: 146.265 $\pm$ 0.030 χ^2 /NDF: 1933826.0/31

In: 145.962 $\pm$ 0.043 χ^2 /NDF:867608.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.265 $\pm$ 0.030 χ^2 /NDF: 1933826.0/31

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -28.005 ± 662.814 $\chi^2/\text{NDF}: 17.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1703.369 ± 632.163 $\chi^2/\text{NDF}: 11.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

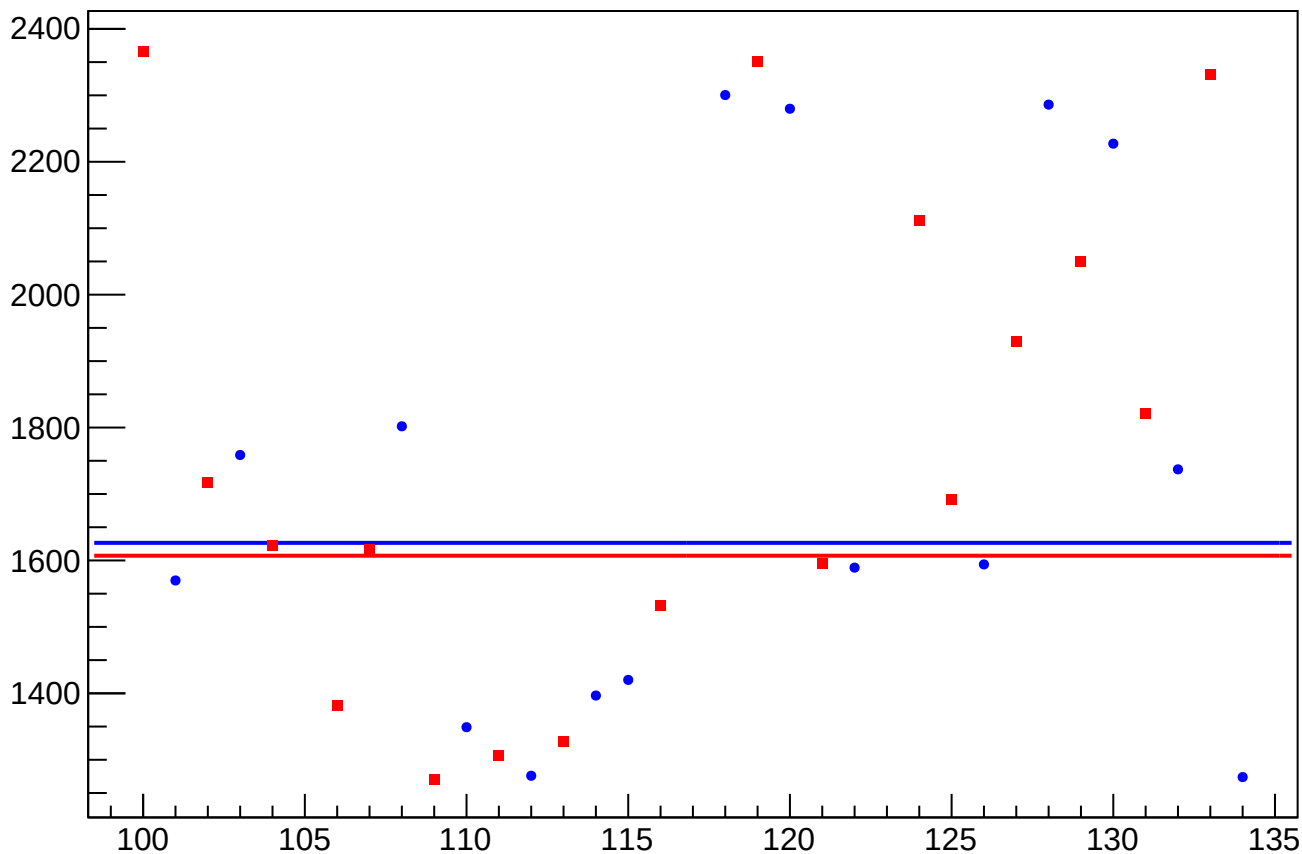
Right: 878.639 ± 457.459 $\chi^2/\text{NDF}: 31.9/31$

In: -28.005 ± 662.814 $\chi^2/\text{NDF}: 17.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 878.639 ± 457.459 $\chi^2/\text{NDF}: 31.9/31$

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1626.480+/-0.469 χ^2/NDF : 498558.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.123+/-0.447 χ^2/NDF : 501920.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

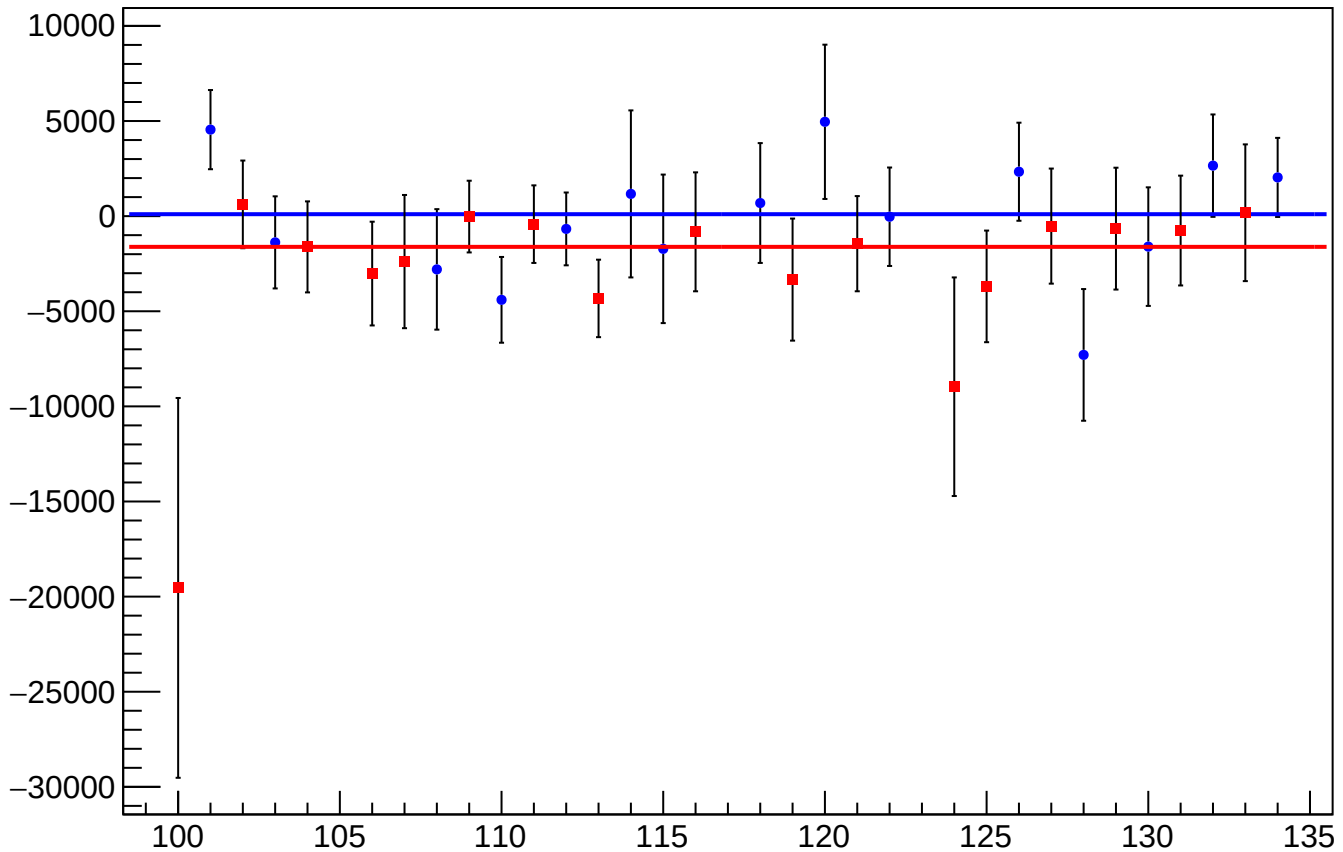
Right: 1616.343+/-0.323 χ^2/NDF : 1001371.7/31

In: 1626.480+/-0.469 χ^2/NDF : 498558.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.343+/-0.323 χ^2/NDF : 1001371.7/31

asym_sam3_mean vs Slug, Sign Corrected



Right In: 102.343+/-689.102 χ^2/NDF : 19.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1614.666+/-664.855 χ^2/NDF : 10.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

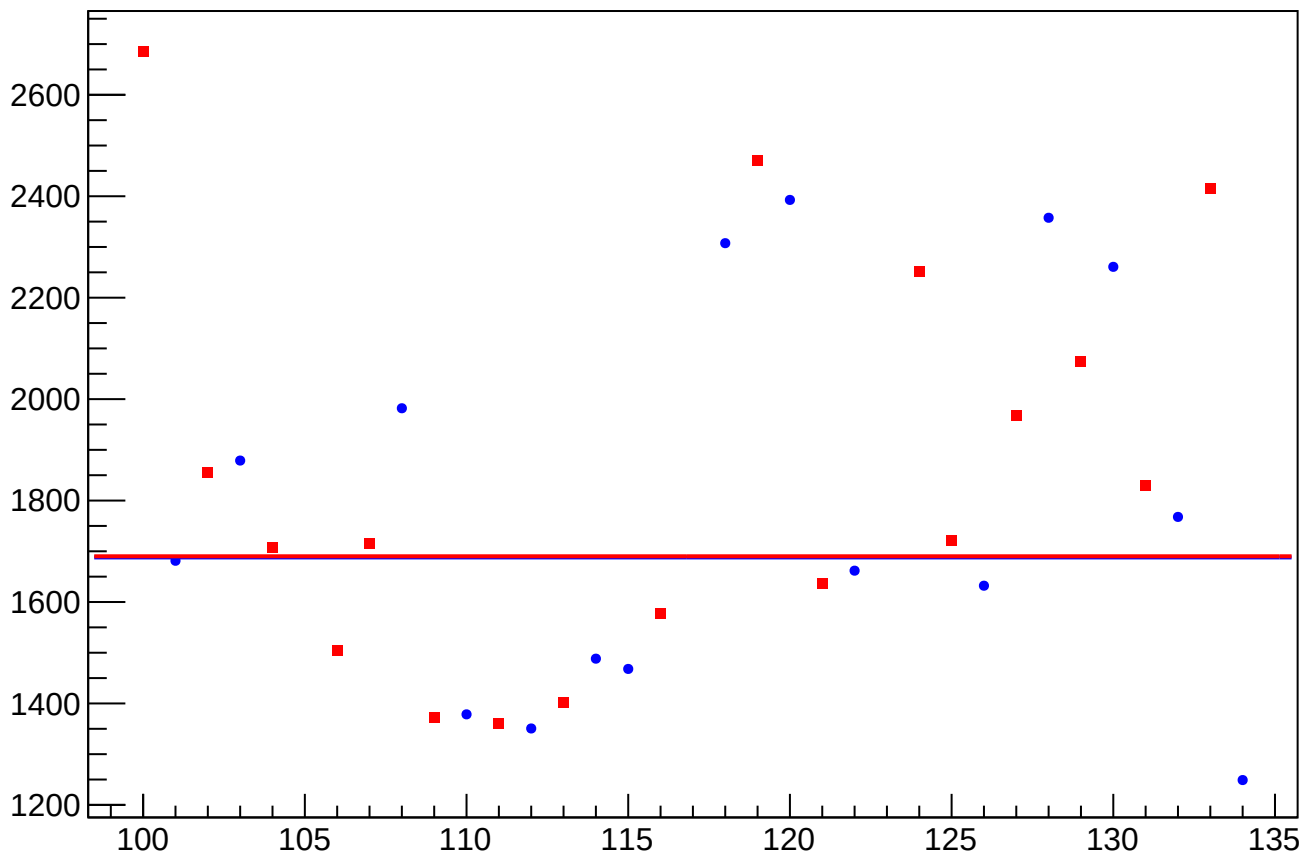
Right: -786.900+/-478.466 χ^2/NDF : 32.6/31

In: 102.343+/-689.102 χ^2/NDF : 19.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -786.900+/-478.466 χ^2/NDF : 32.6/31

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1687.910+/-0.487 χ^2/NDF : 512322.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1690.149+/-0.470 χ^2/NDF : 461597.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

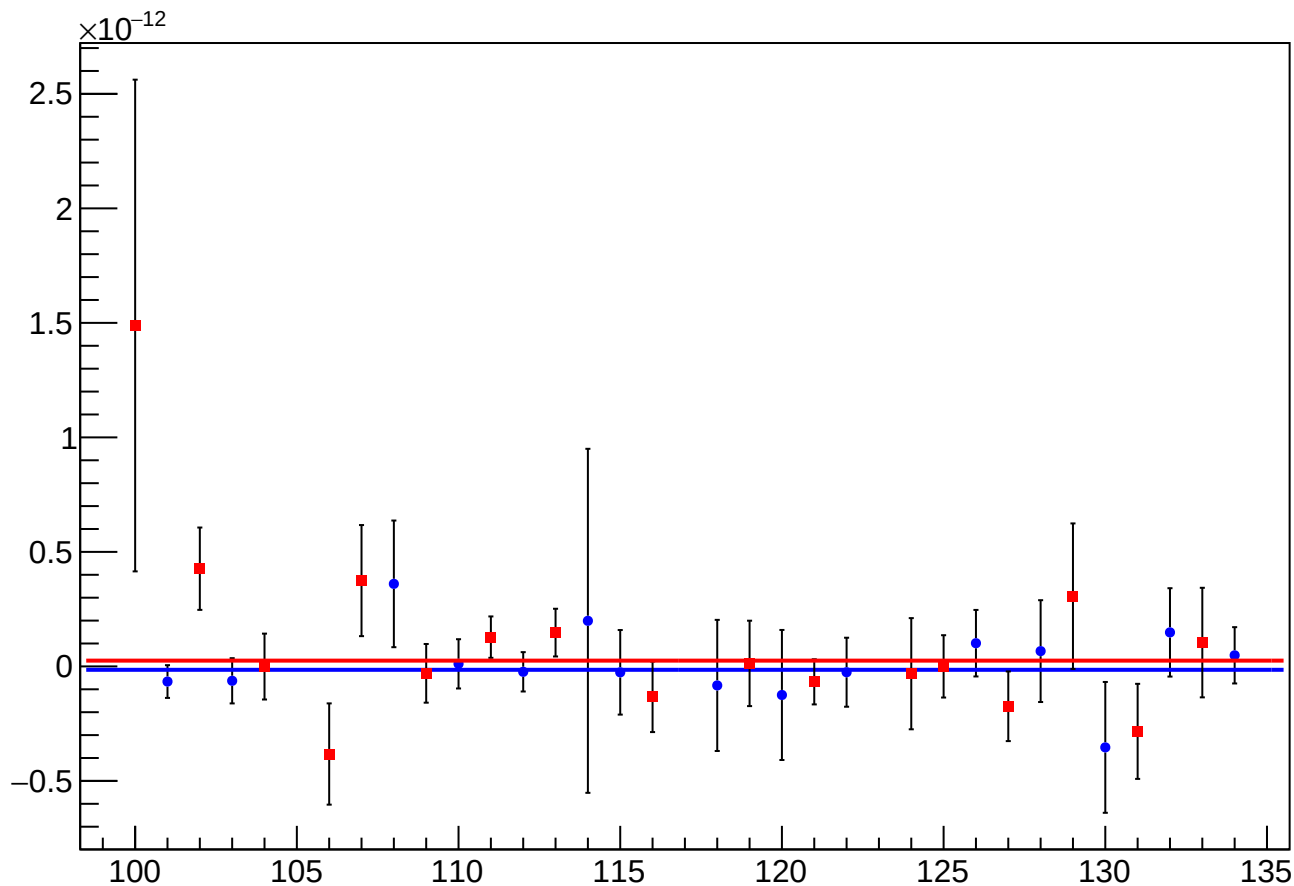
Right: 1689.070+/-0.338 χ^2/NDF : 973931.3/31

In: 1687.910+/-0.487 χ^2/NDF : 512322.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.070+/-0.338 χ^2/NDF : 973931.3/31

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

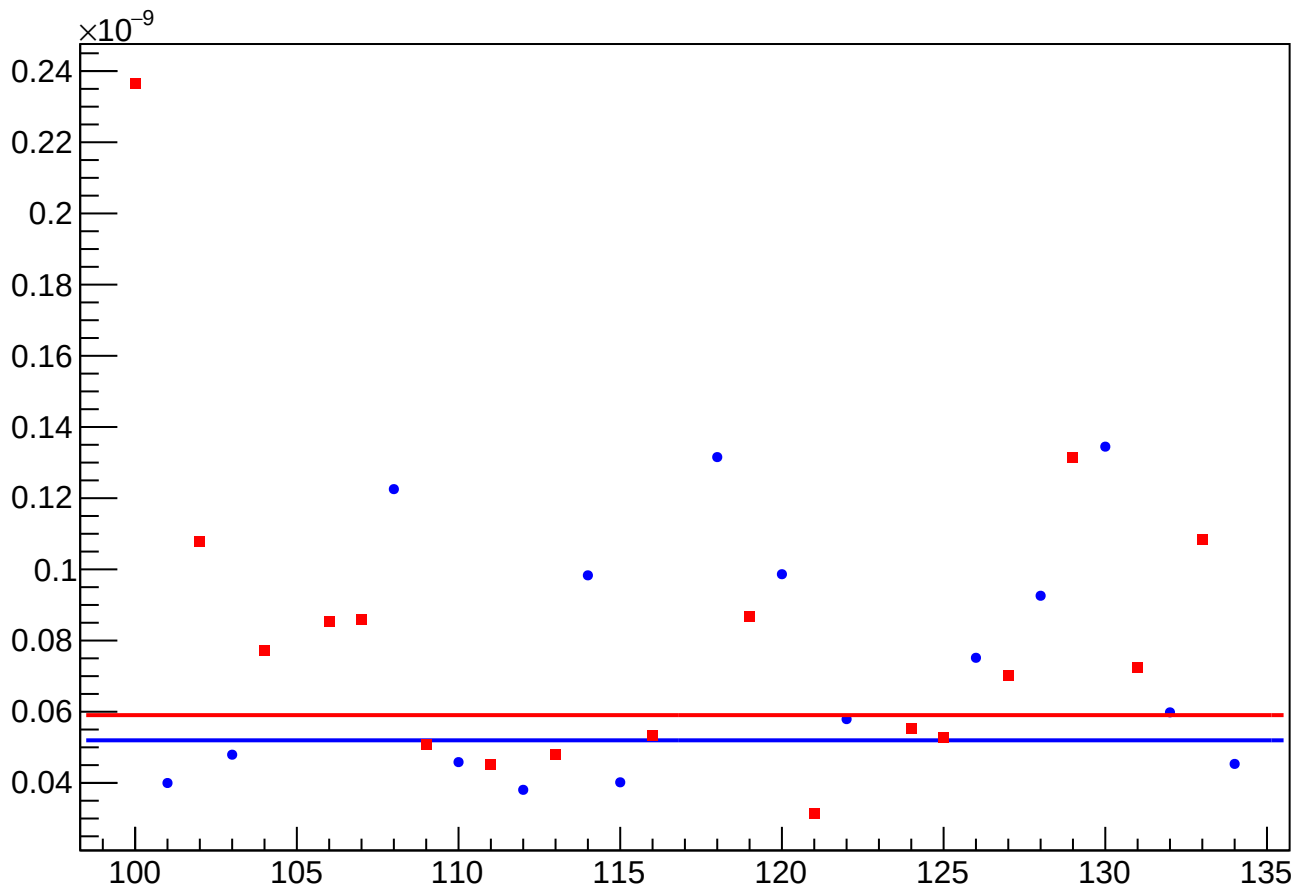
Right: 0.000+/-0.000 χ^2/NDF : 28.8/31

In: -0.000+/-0.000 χ^2/NDF : 6.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.8/31

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 770010.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 780532.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

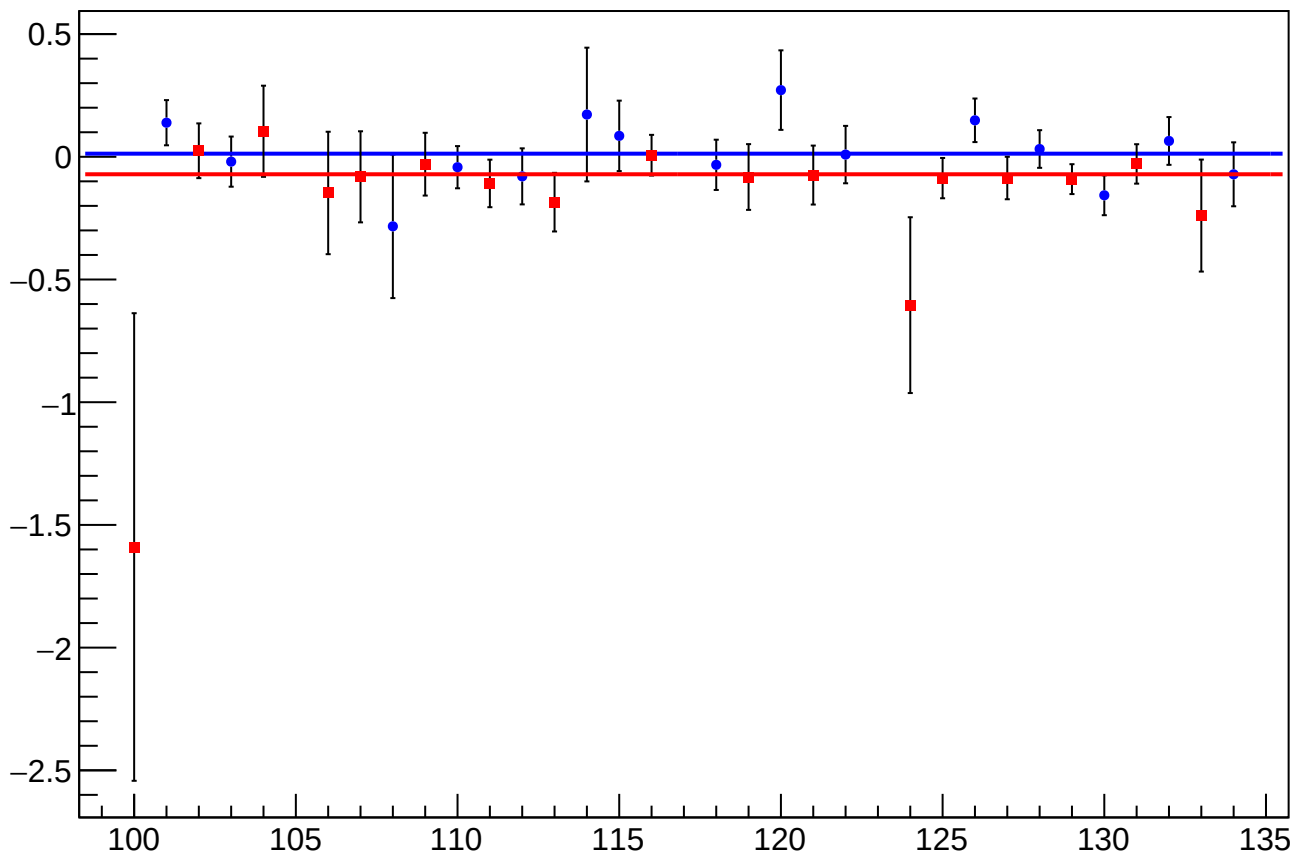
Right: 0.000+/-0.000 χ^2/NDF : 1588955.9/31

In: 0.000+/-0.000 χ^2/NDF : 770010.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1588955.9/31

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.027 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

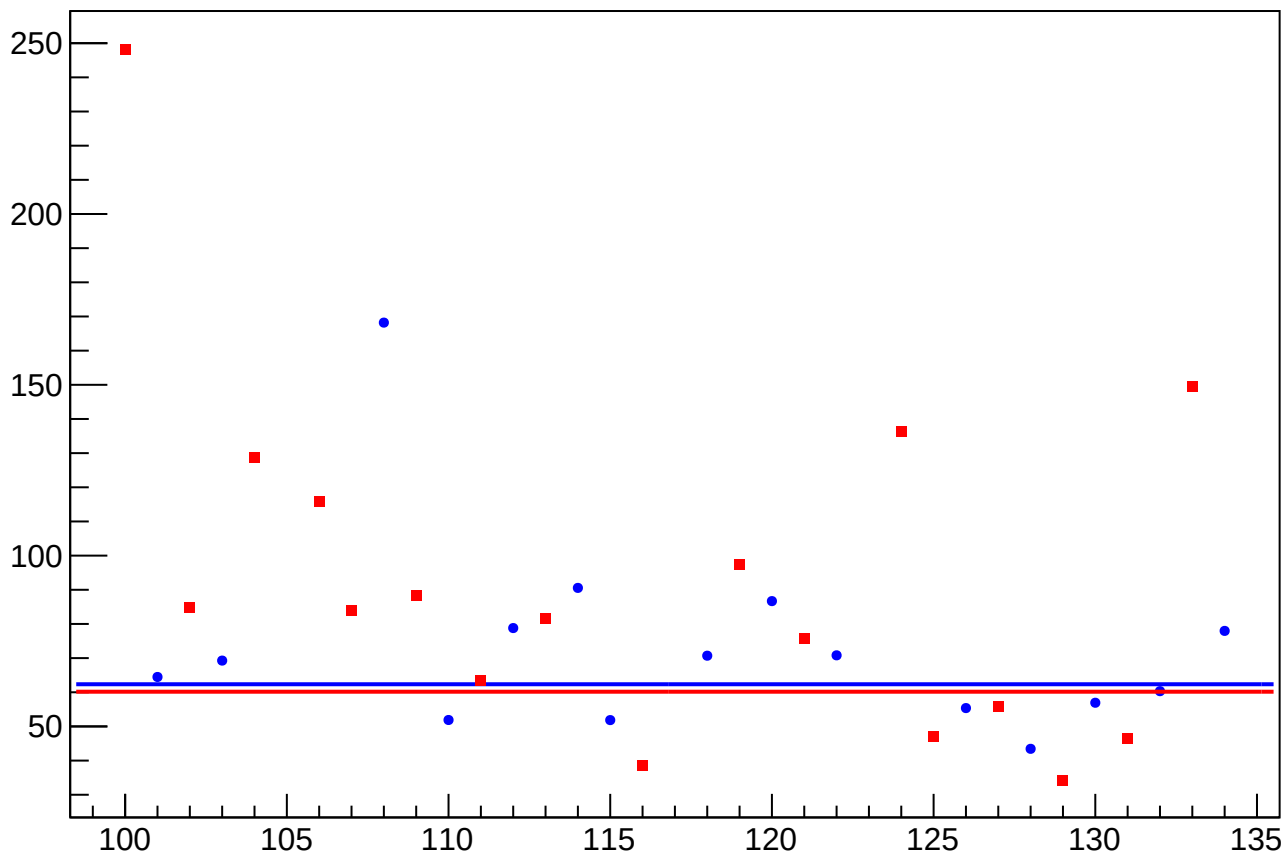
Right: -0.030+/-0.019 χ^2/NDF : 29.2/31

In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.019 χ^2/NDF : 29.2/31

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.349+/-0.019 χ^2/NDF : 616553.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.163+/-0.019 χ^2/NDF : 1944457.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

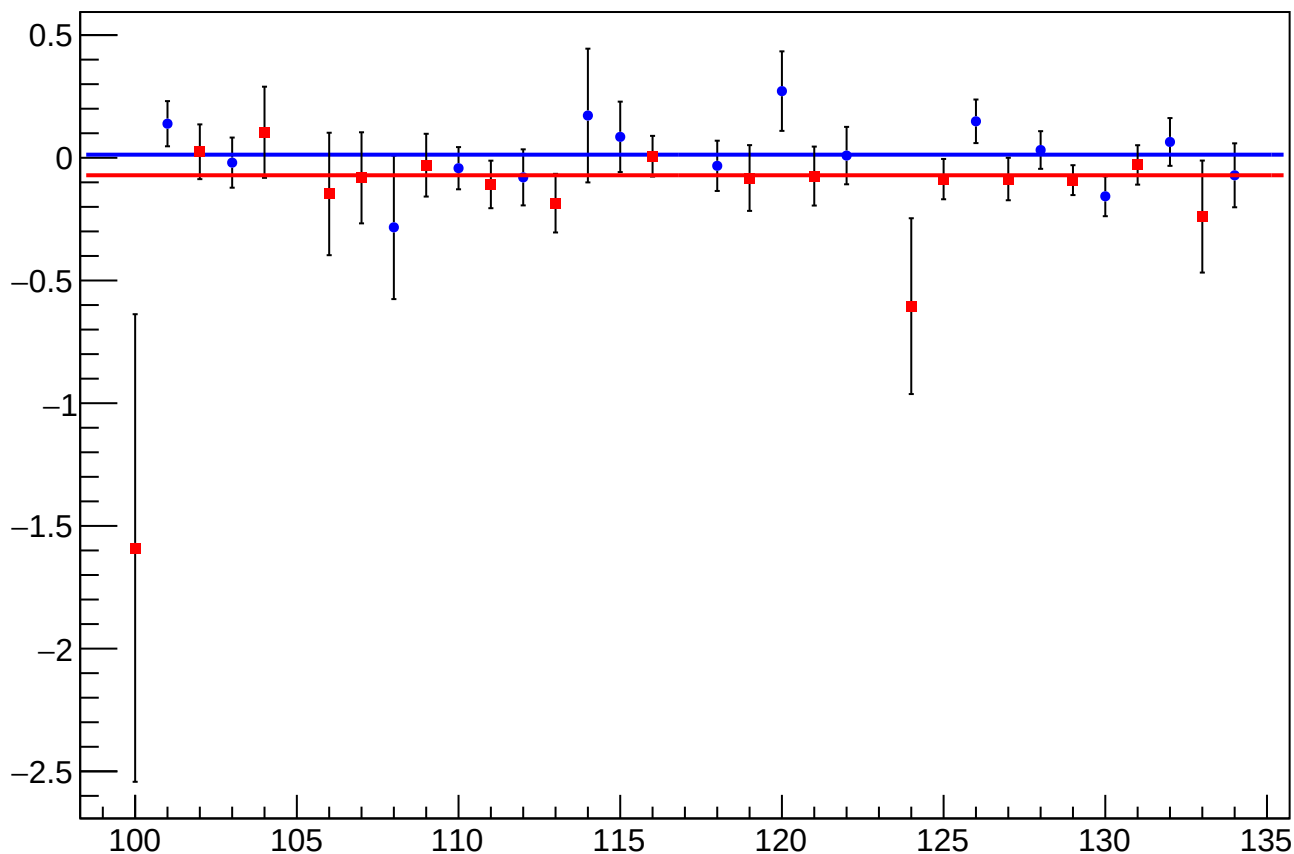
Right: 61.224+/-0.014 χ^2/NDF : 2567494.5/31

In: 62.349+/-0.019 χ^2/NDF : 616553.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.224+/-0.014 χ^2/NDF : 2567494.5/31

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.027 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

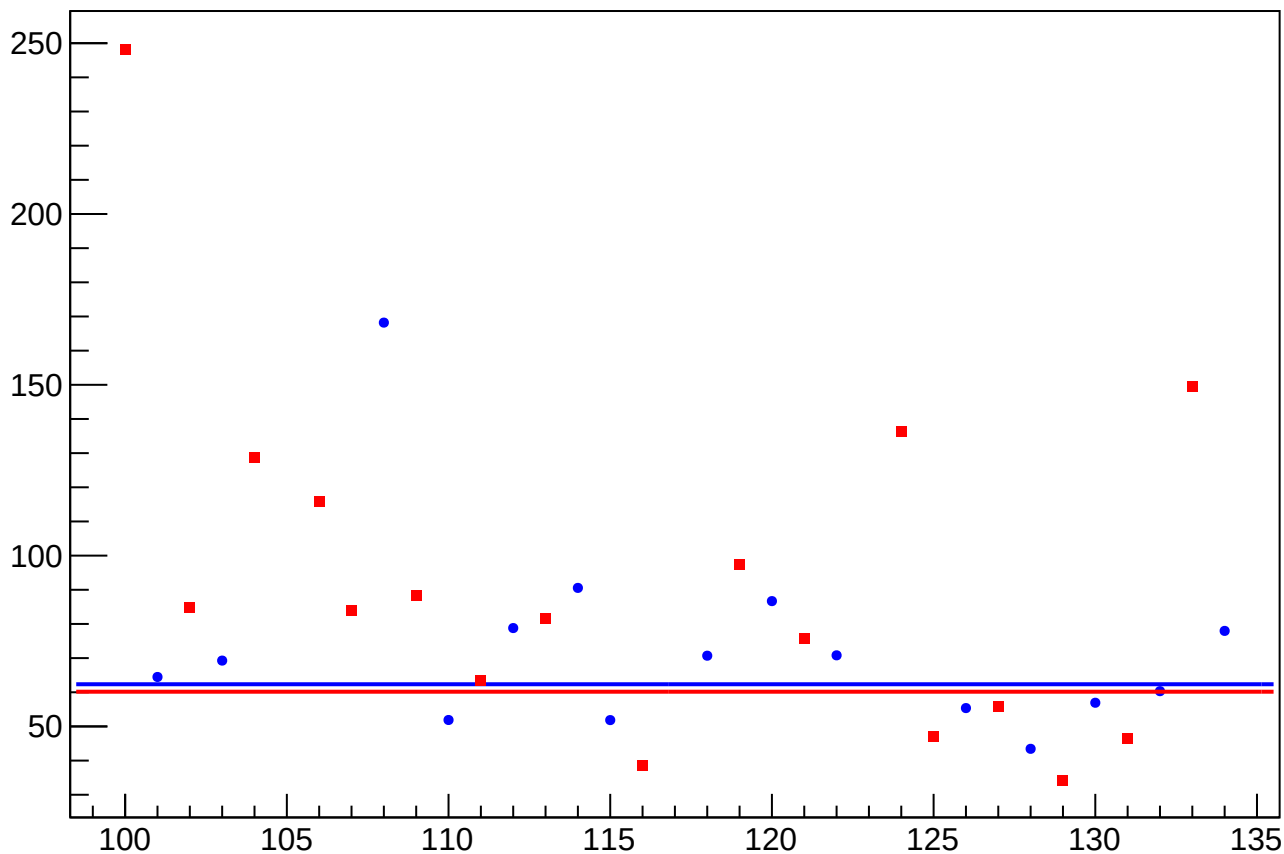
Right: -0.030+/-0.019 χ^2/NDF : 29.2/31

In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.019 χ^2/NDF : 29.2/31

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.349+/-0.019 χ^2/NDF : 616553.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.163+/-0.019 χ^2/NDF : 1944457.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

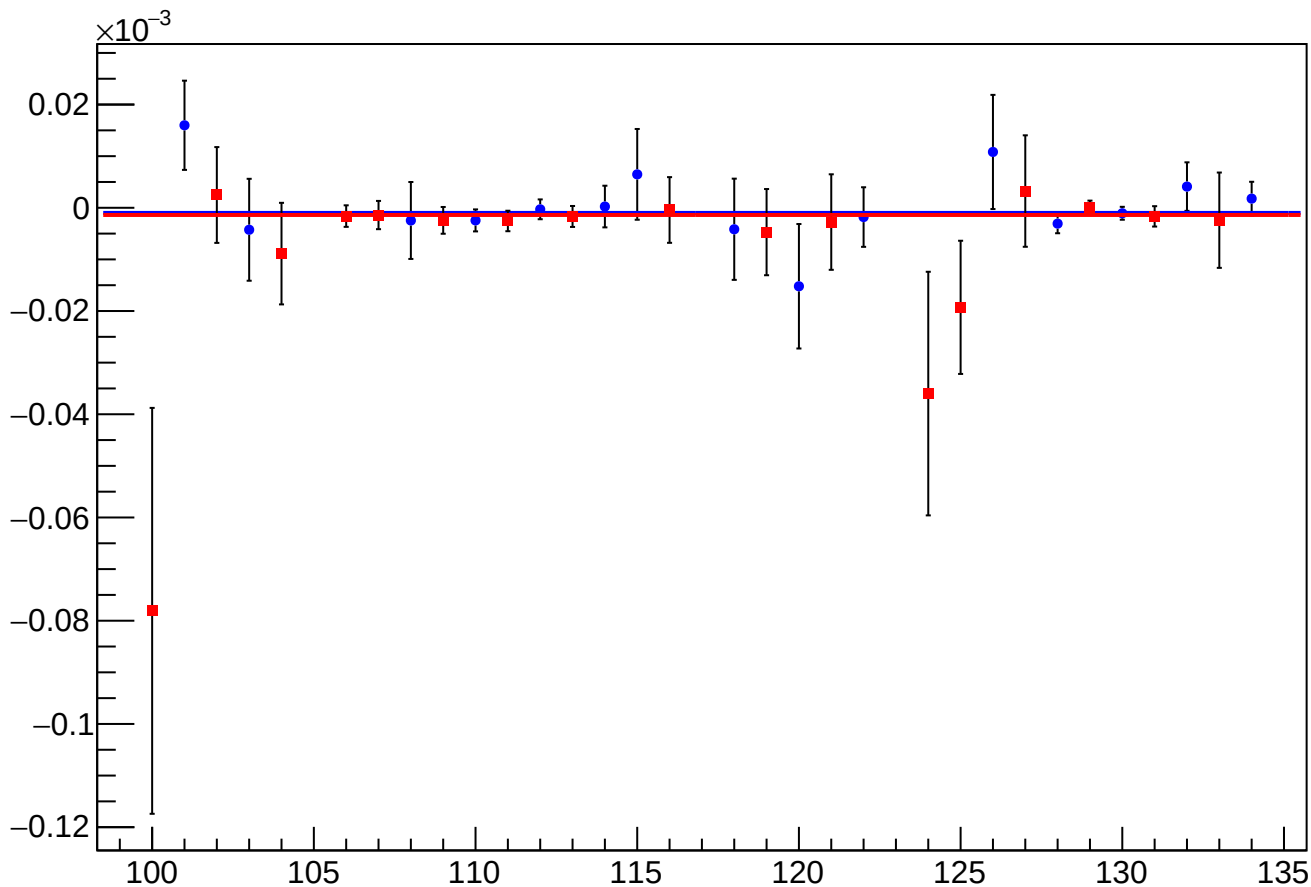
Right: 61.224+/-0.014 χ^2/NDF : 2567494.5/31

In: 62.349+/-0.019 χ^2/NDF : 616553.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.224+/-0.014 χ^2/NDF : 2567494.5/31

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

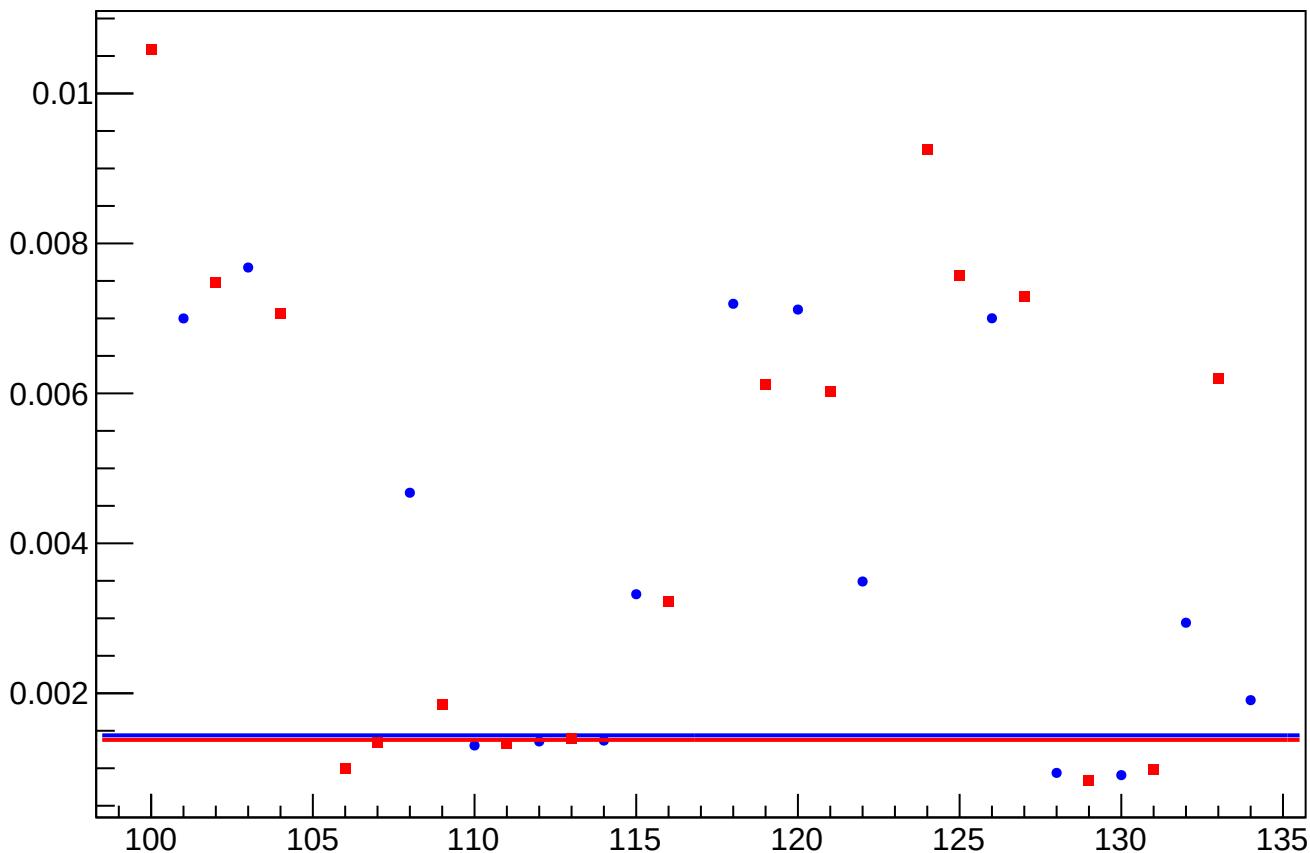
Right: -0.000+/-0.000 χ^2 /NDF: 22.3/31

In: -0.000+/-0.000 χ^2 /NDF:11.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.3/31

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 4749713.8/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 5361908.7/16

Left 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 : 10118352.6/31

In: 0.001+/-0.000

χ^2/NDF : 4749713.8/14

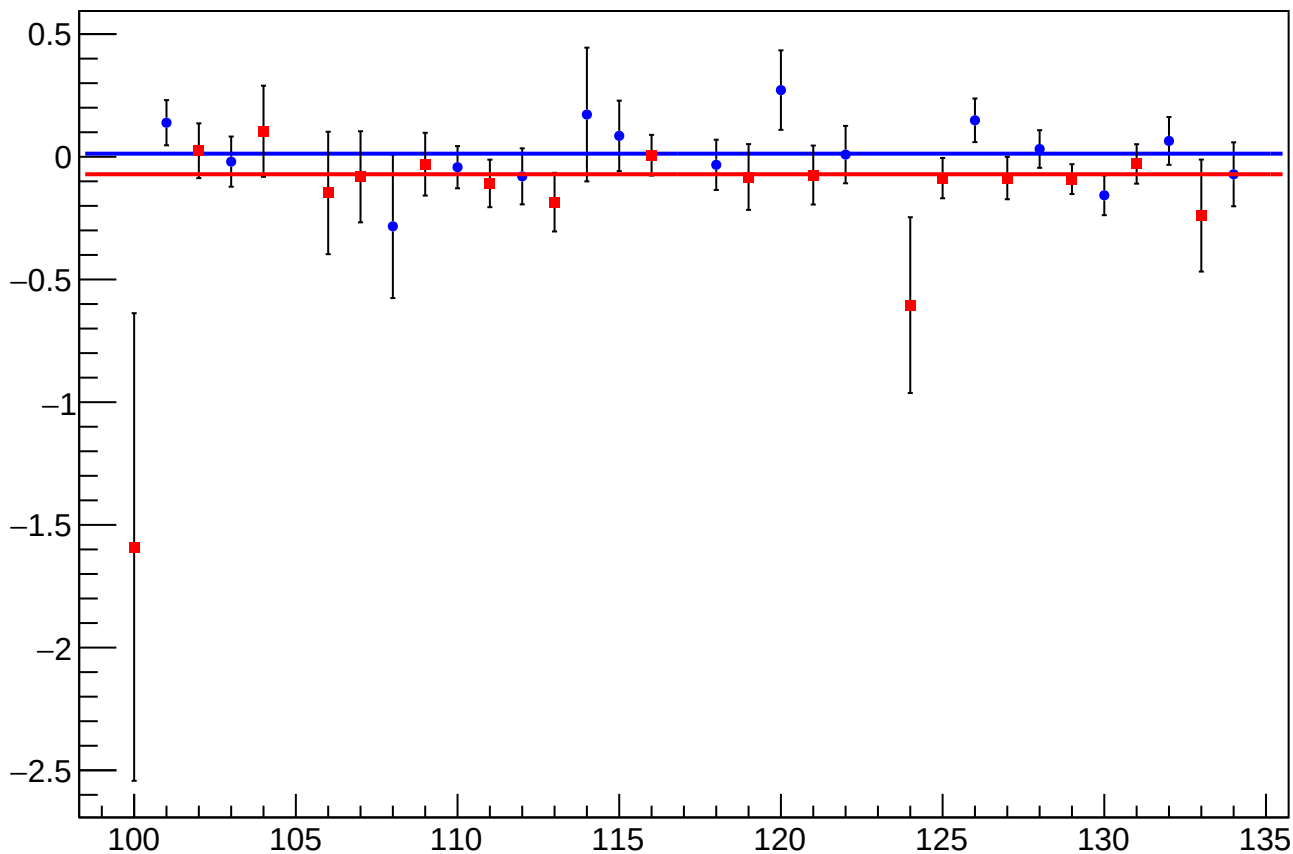
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 10118352.6/31

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.027 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

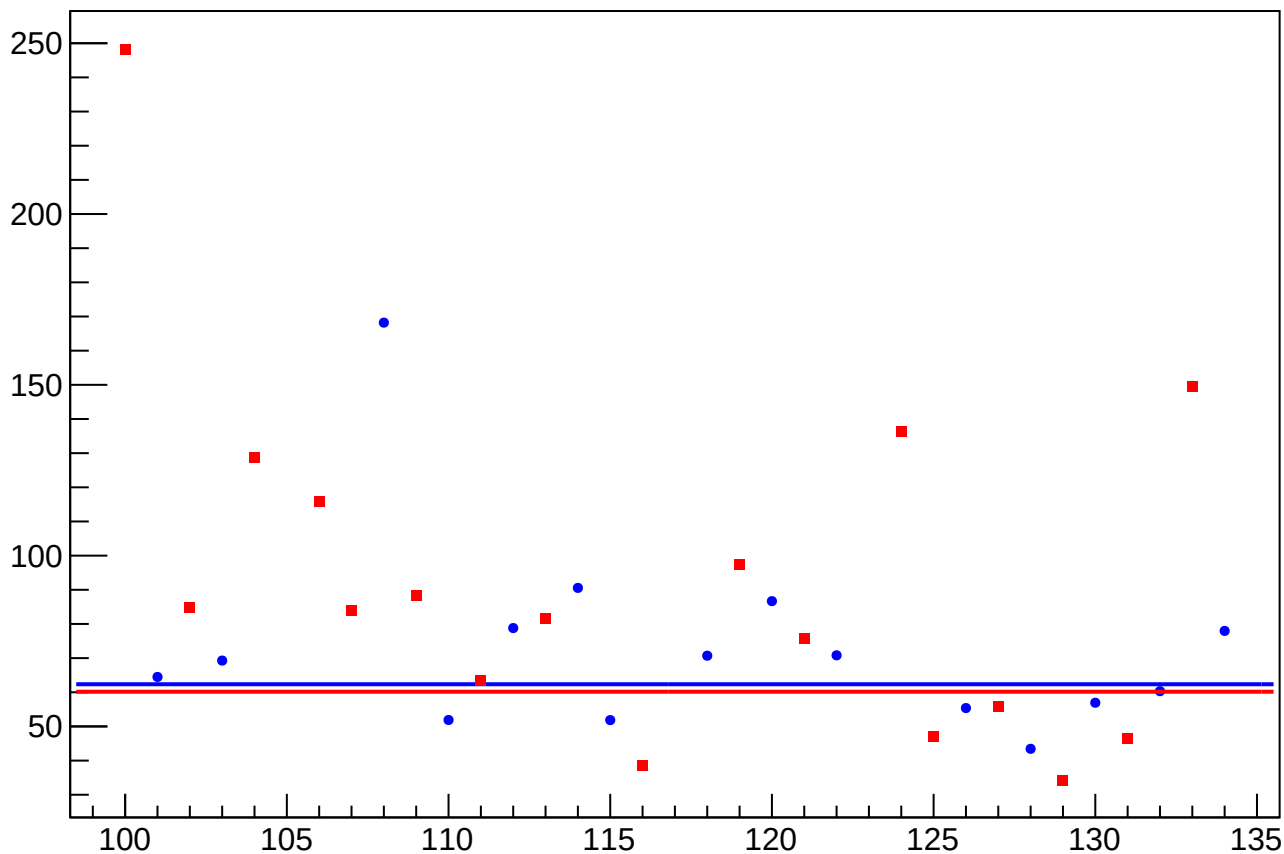
Right: -0.030+/-0.019 χ^2/NDF : 29.2/31

In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.019 χ^2/NDF : 29.2/31

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.350+/-0.019 χ^2/NDF : 616558.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.164+/-0.019 χ^2/NDF : 1944529.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

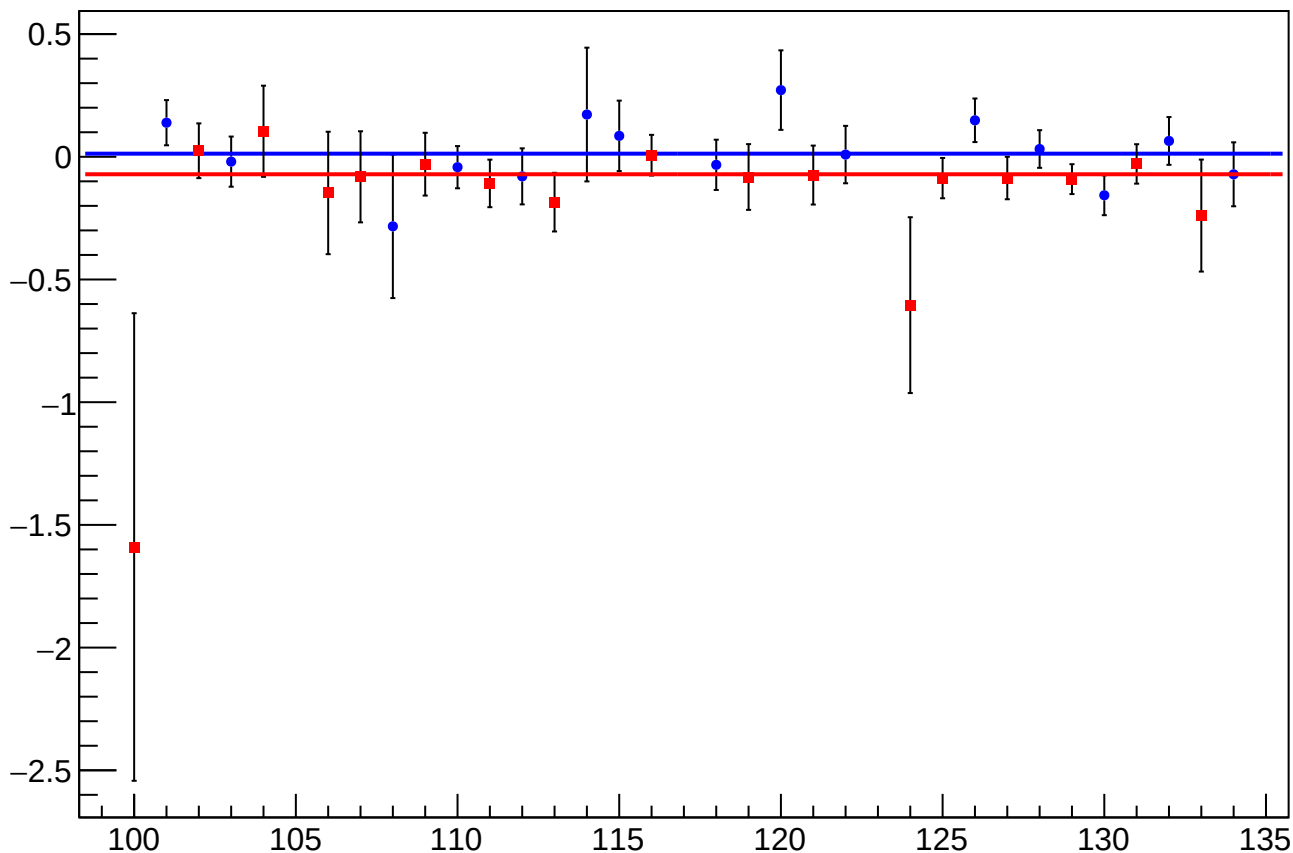
Right: 61.225+/-0.014 χ^2/NDF : 2567576.3/31

In: 62.350+/-0.019 χ^2/NDF : 616558.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.225+/-0.014 χ^2/NDF : 2567576.3/31

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.028 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.071 $\pm$ 0.027 χ^2 /NDF: 9.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

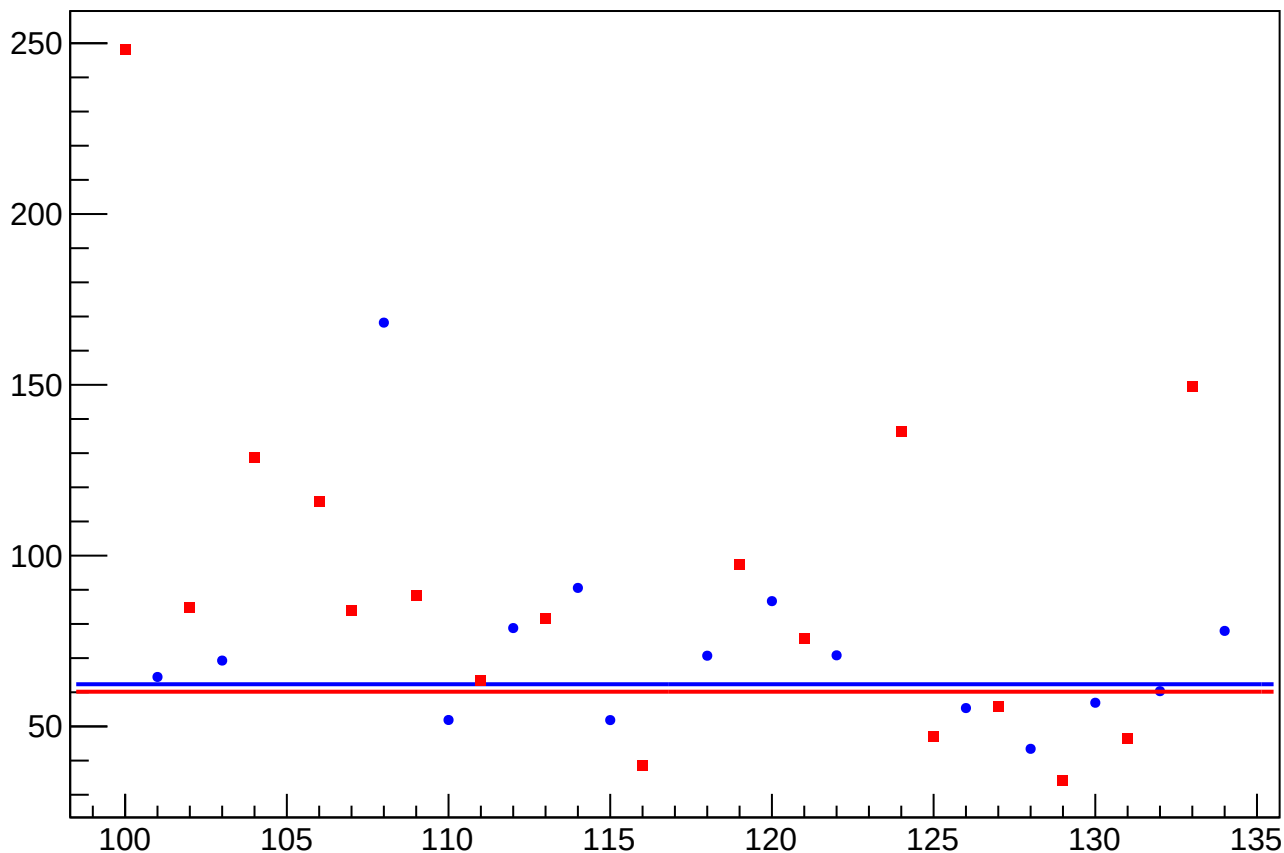
Right: -0.030 $\pm$ 0.019 χ^2 /NDF: 29.2/31

In: 0.013 $\pm$ 0.028 χ^2 /NDF:14.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.030 $\pm$ 0.019 χ^2 /NDF: 29.2/31

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.350+/-0.019 χ^2/NDF : 616558.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.164+/-0.019 χ^2/NDF : 1944529.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

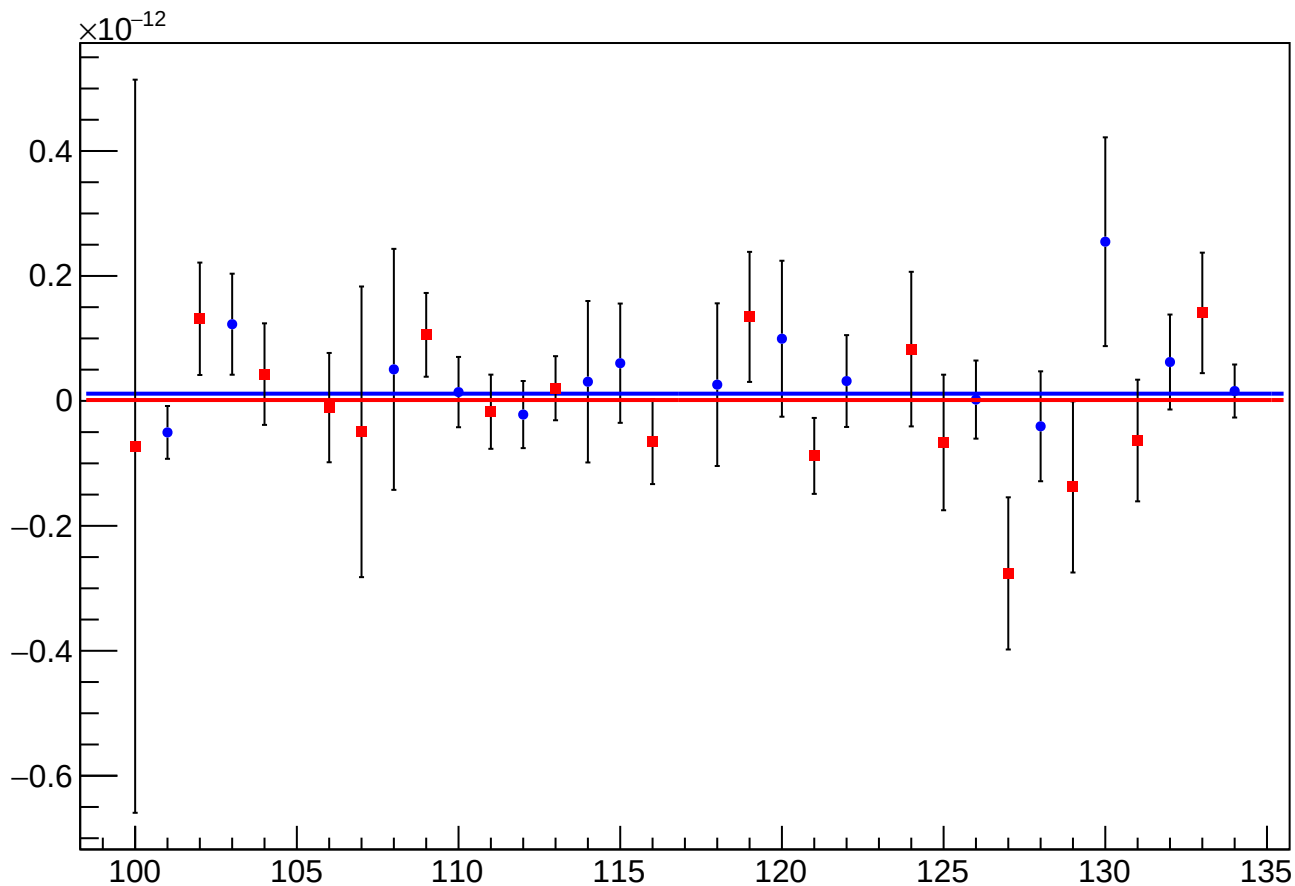
Right: 61.225+/-0.014 χ^2/NDF : 2567576.3/31

In: 62.350+/-0.019 χ^2/NDF : 616558.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.225+/-0.014 χ^2/NDF : 2567576.3/31

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 8.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 19.4/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

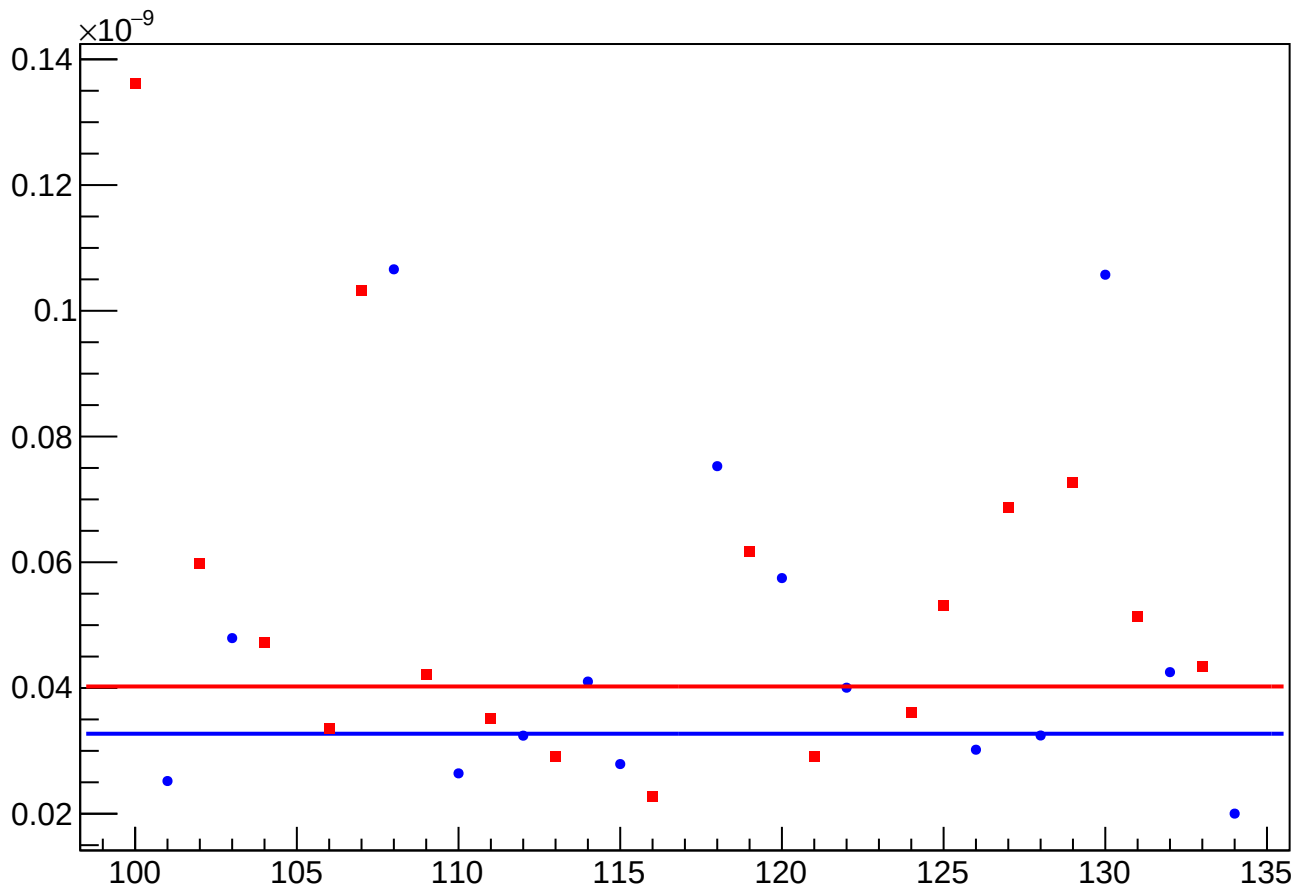
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 27.9/31

In: 0.000 $\pm$ 0.000 χ^2/NDF : 8.3/14

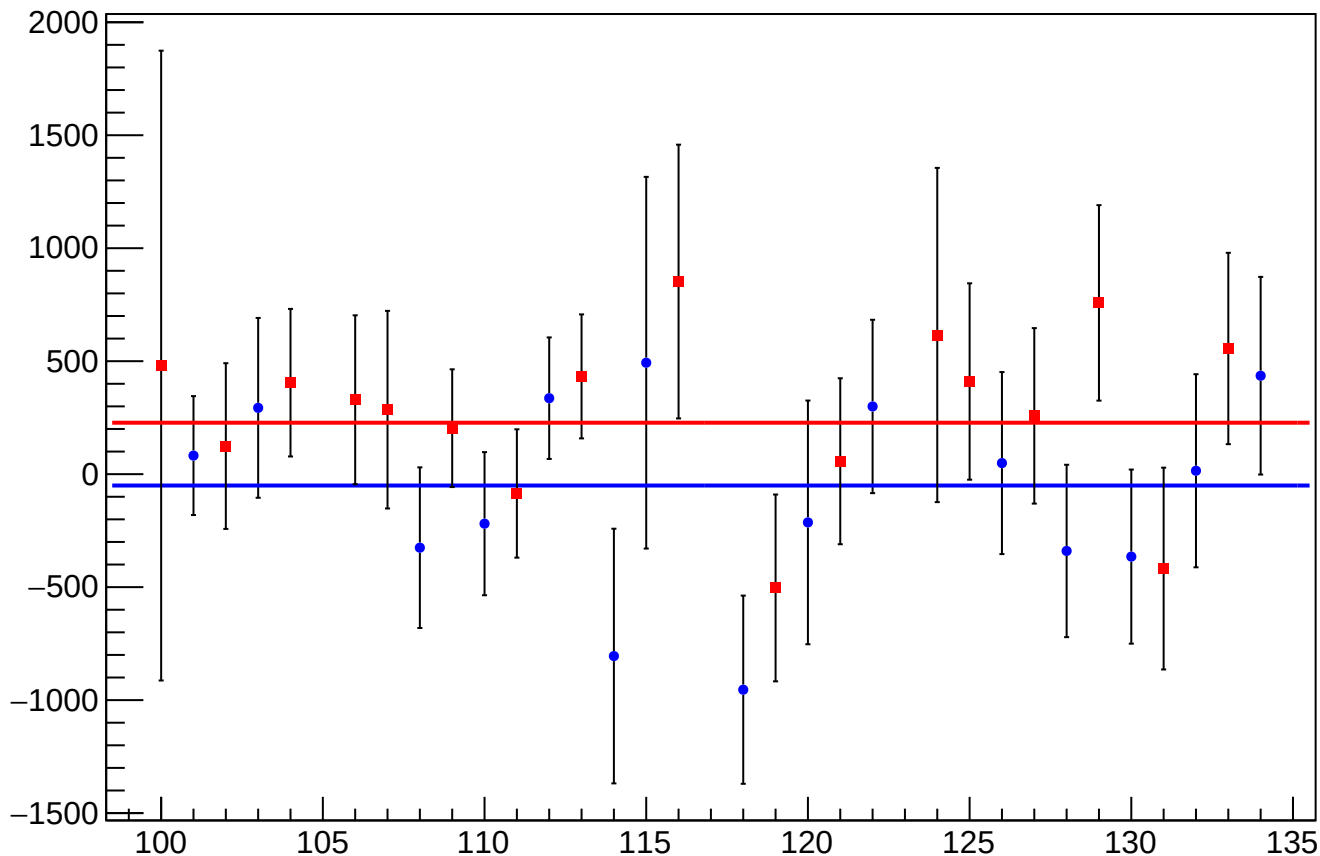
Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 27.9/31

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -50.274+/-98.261 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.697+/-92.925 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

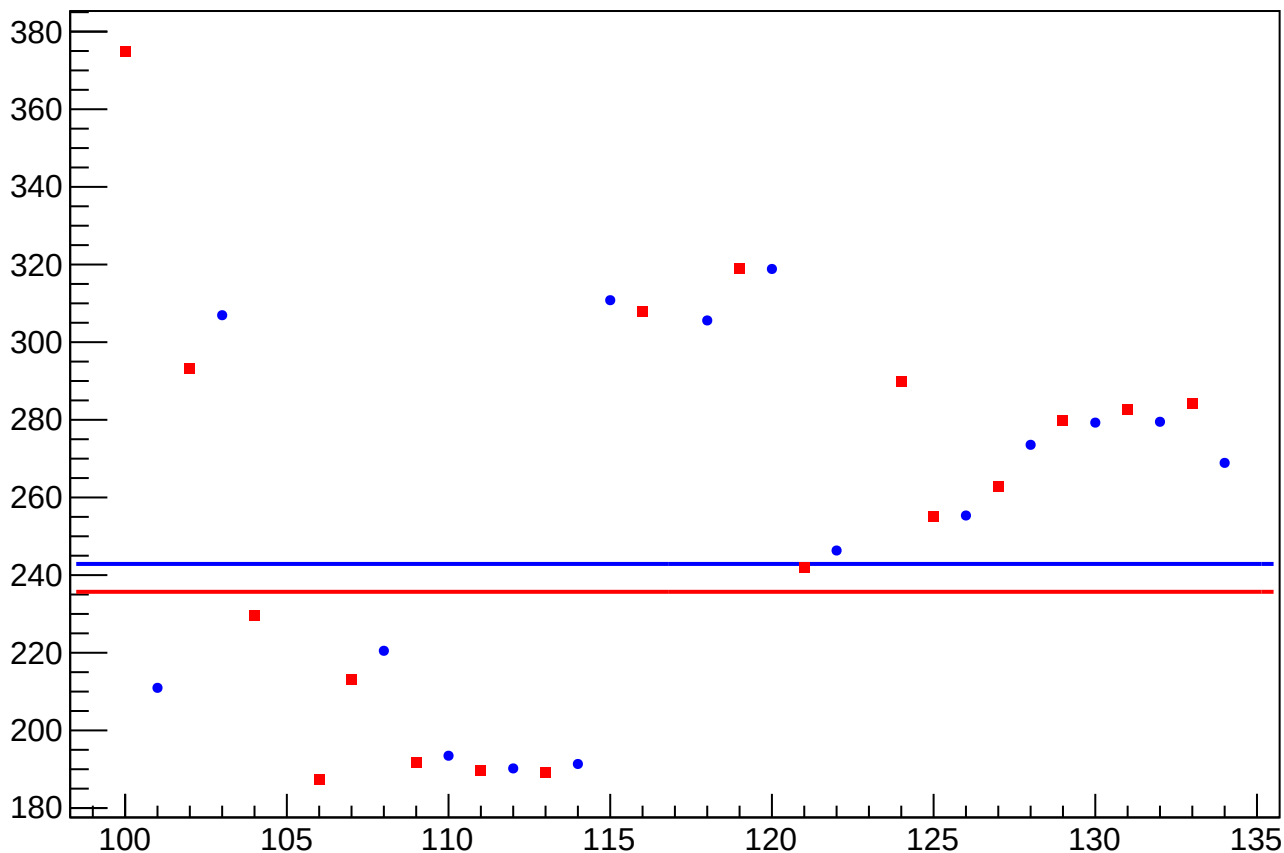
Right: 96.464+/-67.515 χ^2/NDF : 29.9/31

In: -50.274+/-98.261 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.464+/-67.515 χ^2/NDF : 29.9/31

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 242.880+/-0.069 χ^2/NDF : 384646.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.700+/-0.066 χ^2/NDF : 479256.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

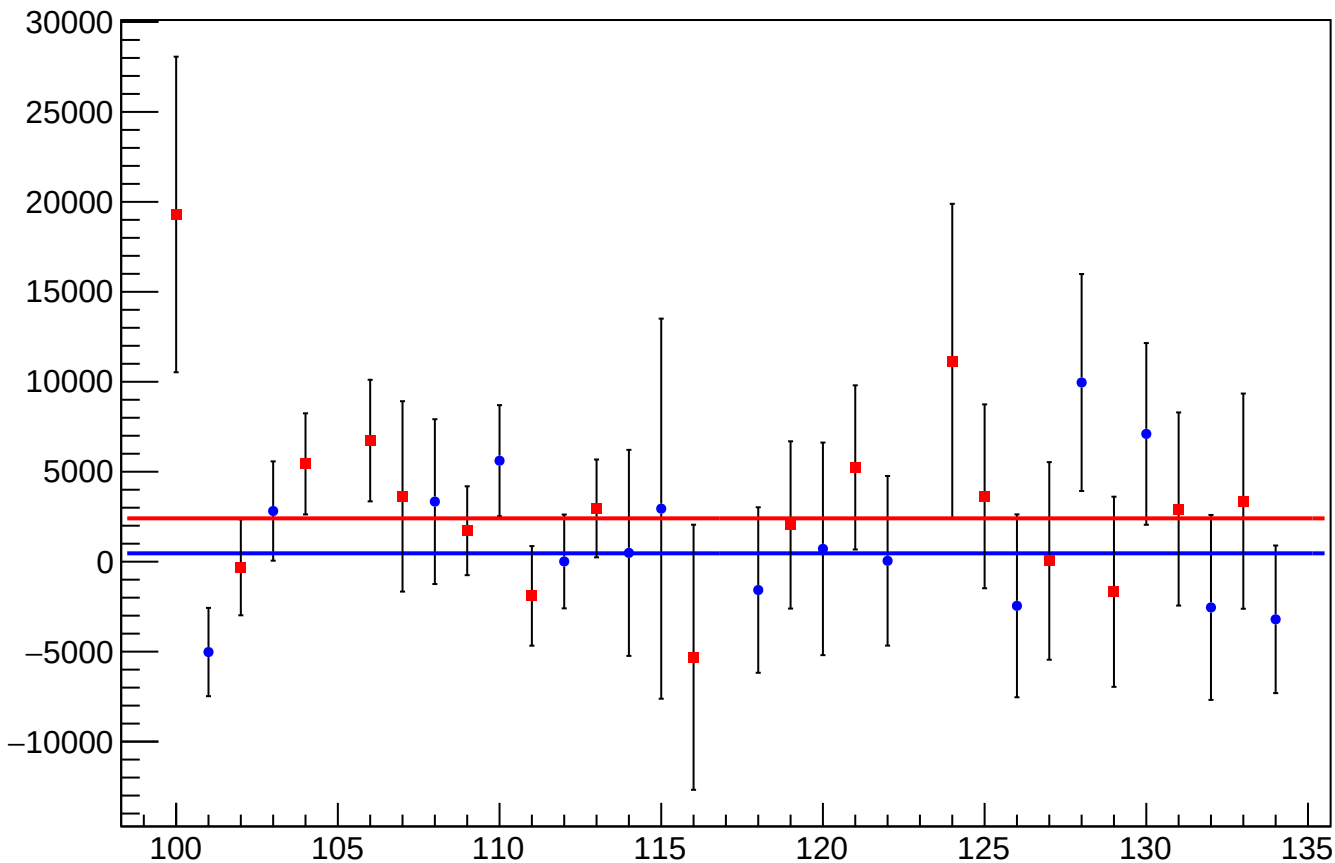
Right: 239.090+/-0.048 χ^2/NDF : 869539.3/31

In: 242.880+/-0.069 χ^2/NDF : 384646.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.090+/-0.048 χ^2/NDF : 869539.3/31

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 464.415+/-1020.669 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2408.452+/-941.211 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

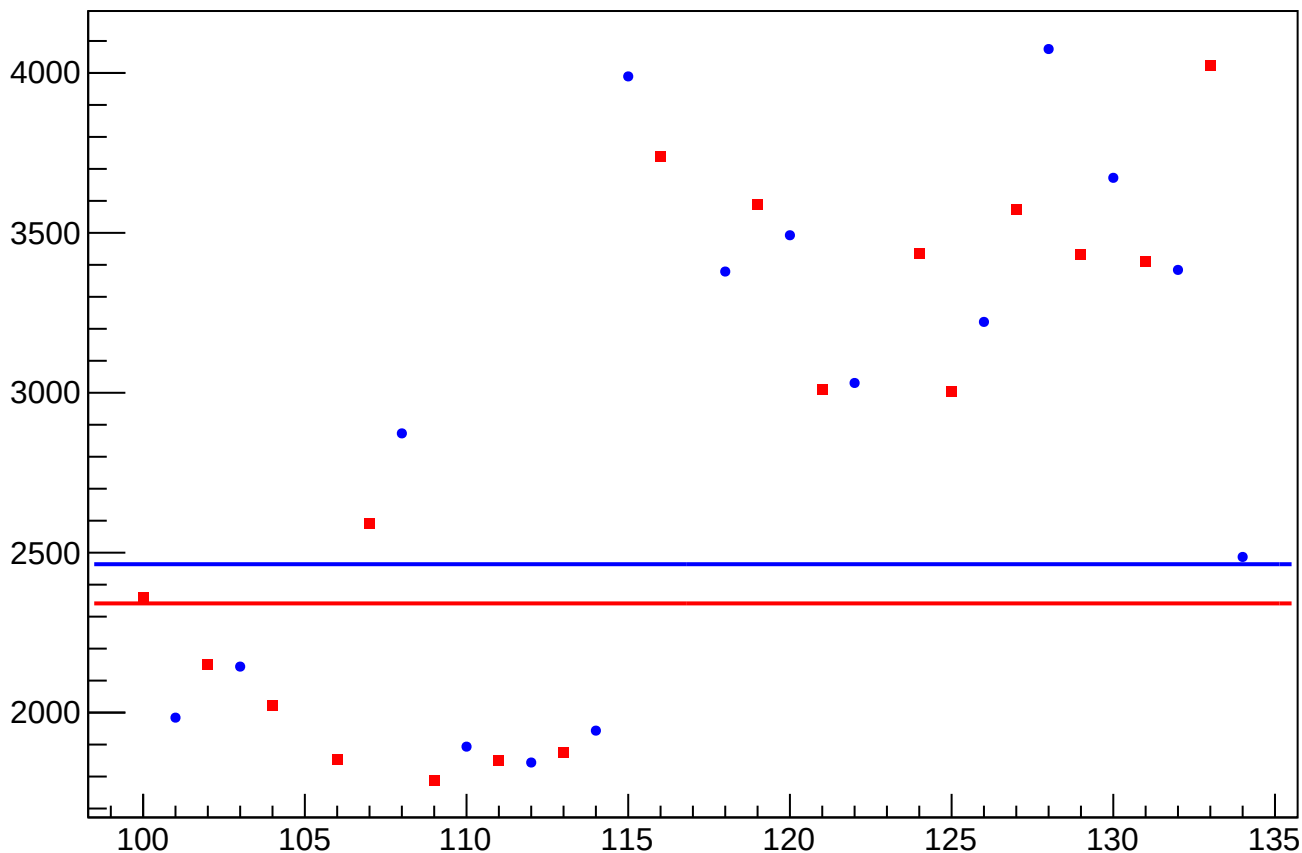
Right: 1515.040+/-691.924 χ^2/NDF : 30.3/31

In: 464.415+/-1020.669 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.040+/-691.924 χ^2/NDF : 30.3/31

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2463.940+/-0.722 χ^2/NDF : 893305.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2341.369+/-0.666 χ^2/NDF : 1051179.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

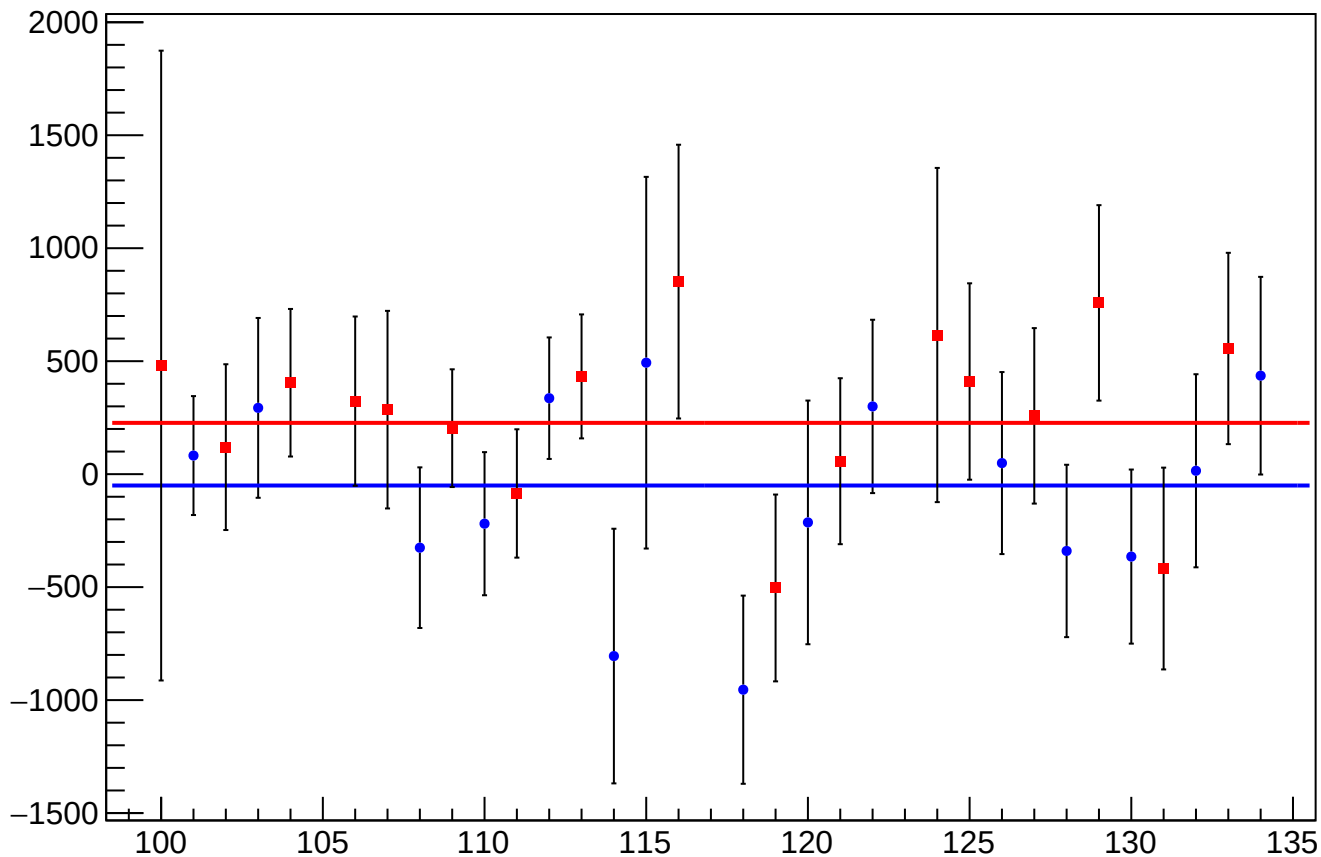
Right: 2397.698+/-0.489 χ^2/NDF : 1960072.6/31

In: 2463.940+/-0.722 χ^2/NDF : 893305.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.698+/-0.489 χ^2/NDF : 1960072.6/31

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -50.305+/-98.261 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.967+/-92.941 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

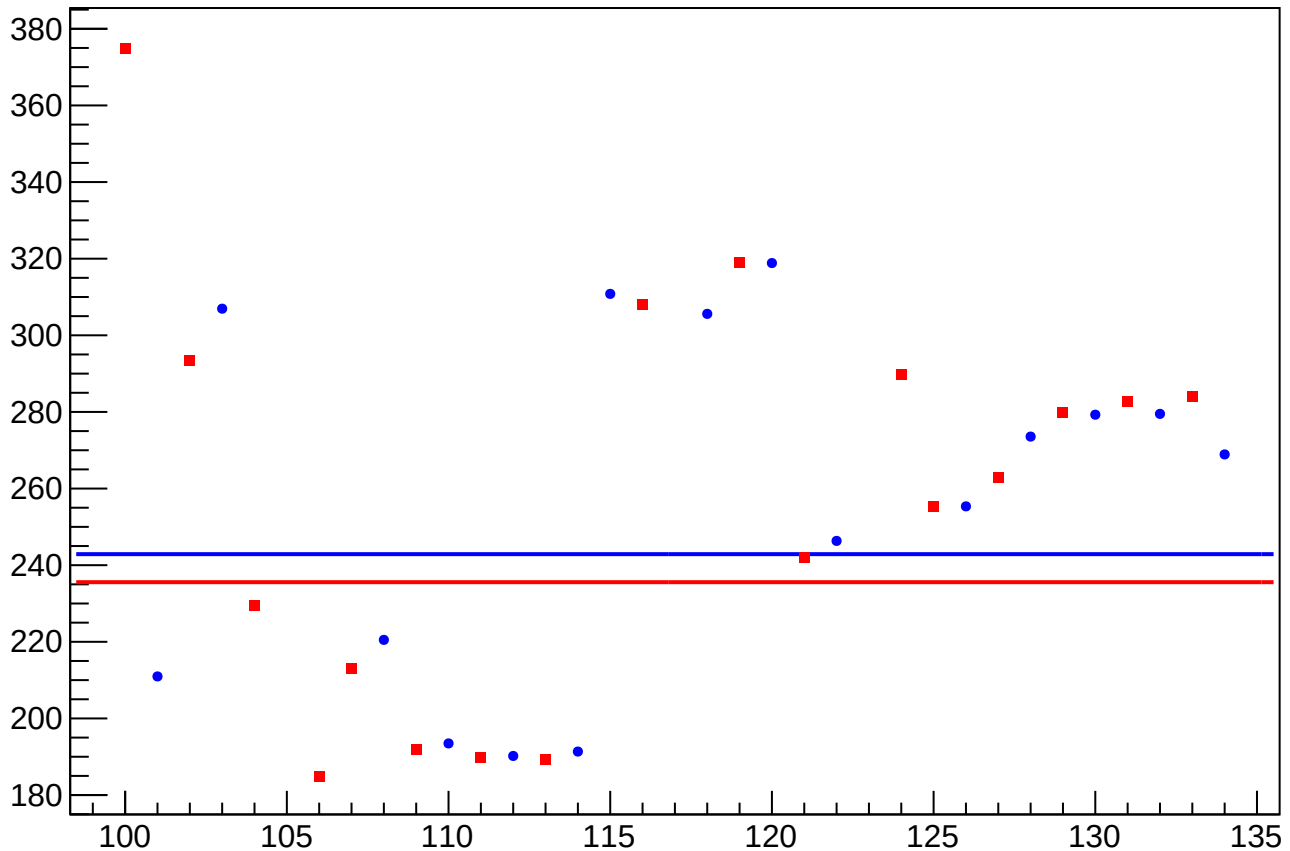
Right: 96.039+/-67.522 χ^2/NDF : 29.9/31

In: -50.305+/-98.261 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.039+/-67.522 χ^2/NDF : 29.9/31

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 242.880+/-0.069 χ^2/NDF : 384649.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.565+/-0.066 χ^2/NDF : 482832.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

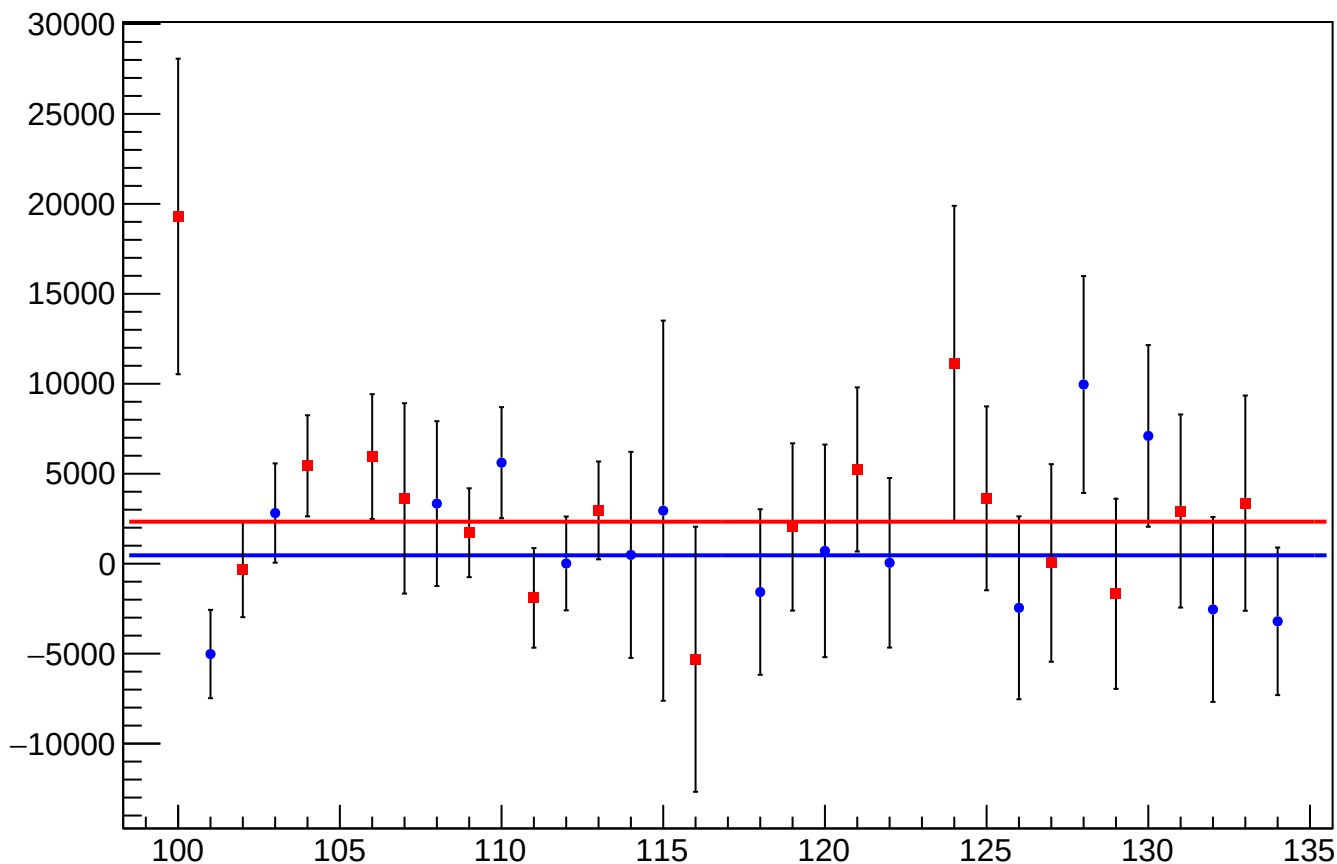
Right: 239.019+/-0.048 χ^2/NDF : 873331.7/31

In: 242.880+/-0.069 χ^2/NDF : 384649.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.019+/-0.048 χ^2/NDF : 873331.7/31

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 464.231+/-1020.680 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.778+/-943.184 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

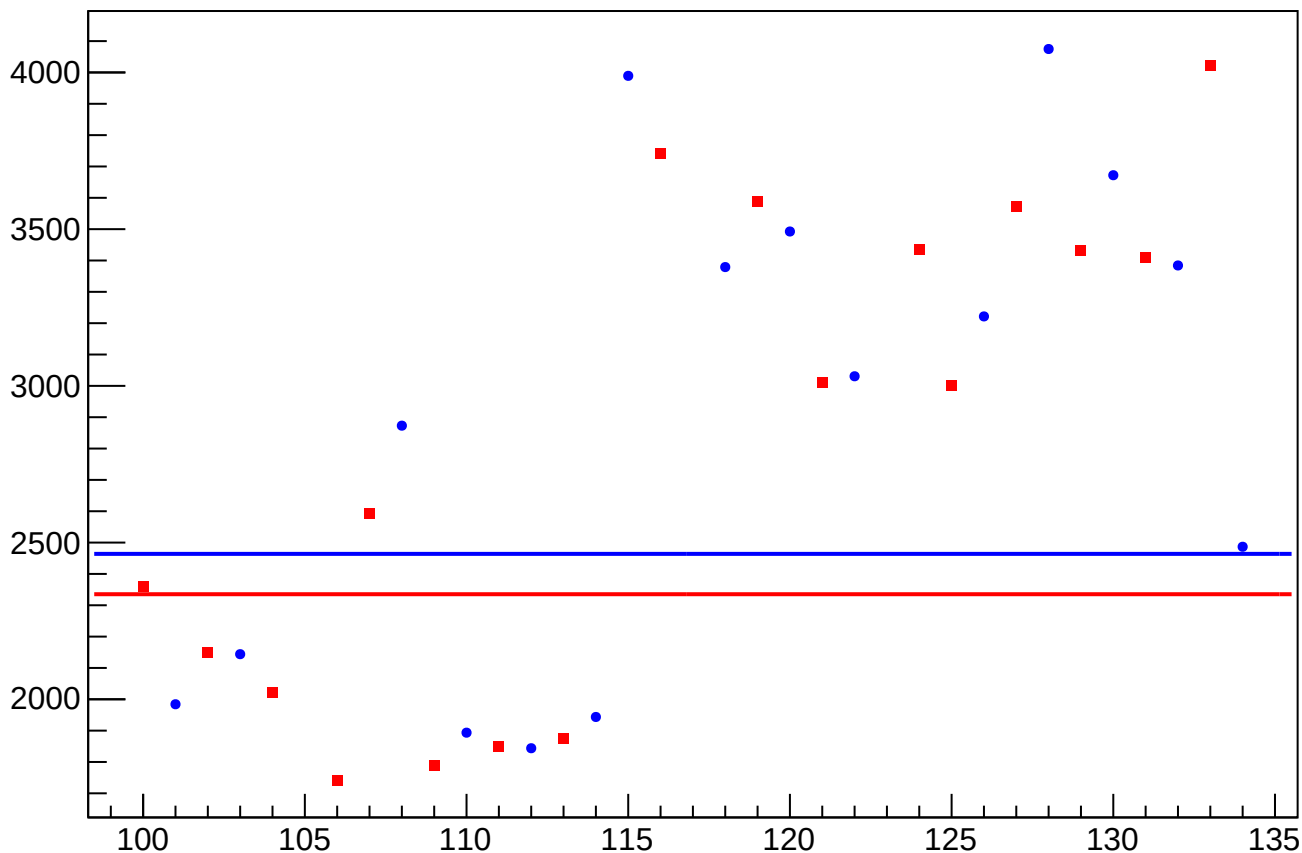
Right: 1473.203+/-692.711 χ^2/NDF : 29.6/31

In: 464.231+/-1020.680 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.203+/-692.711 χ^2/NDF : 29.6/31

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2463.969+/-0.722 χ^2/NDF : 893273.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2335.253+/-0.667 χ^2/NDF : 1068942.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

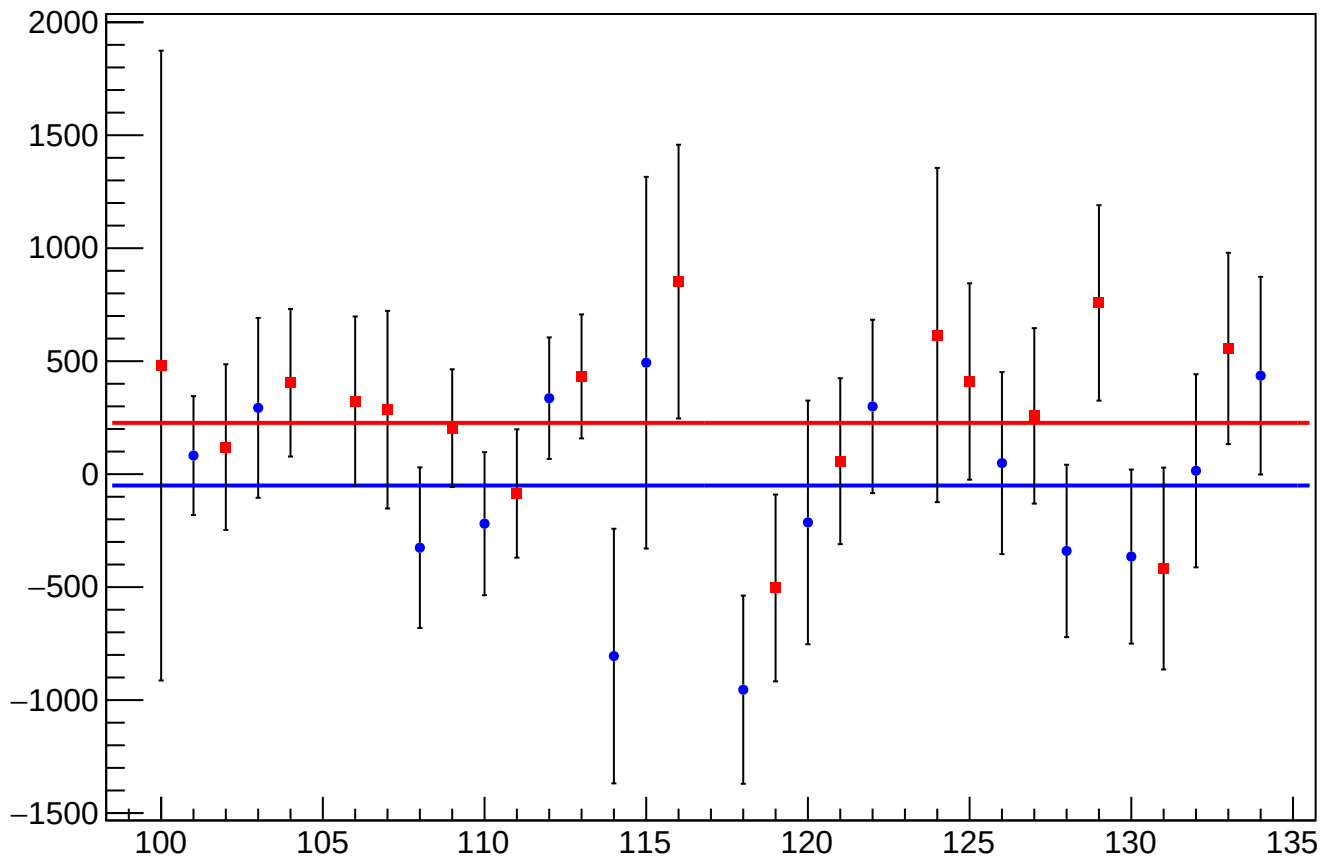
Right: 2394.539+/-0.490 χ^2/NDF : 1979372.0/31

In: 2463.969+/-0.722 χ^2/NDF : 893273.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.539+/-0.490 χ^2/NDF : 1979372.0/31

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -50.305 $\pm$ 98.261 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 226.967 $\pm$ 92.941 χ^2 /NDF: 11.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

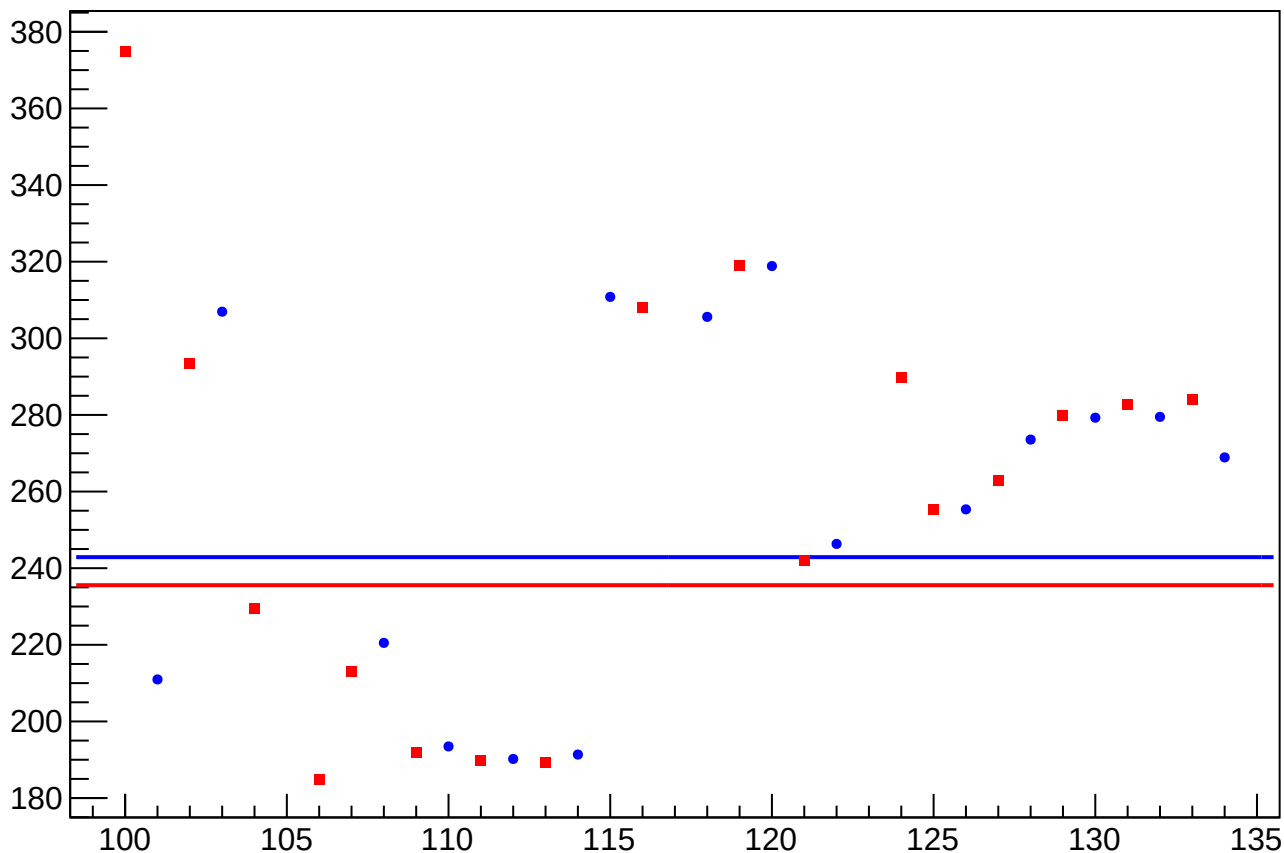
Right: 96.039 $\pm$ 67.522 χ^2 /NDF: 29.9/31

In: -50.305 $\pm$ 98.261 χ^2 /NDF:14.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.039 $\pm$ 67.522 χ^2 /NDF: 29.9/31

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 242.880+/-0.069 χ^2/NDF : 384649.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.565+/-0.066 χ^2/NDF : 482832.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

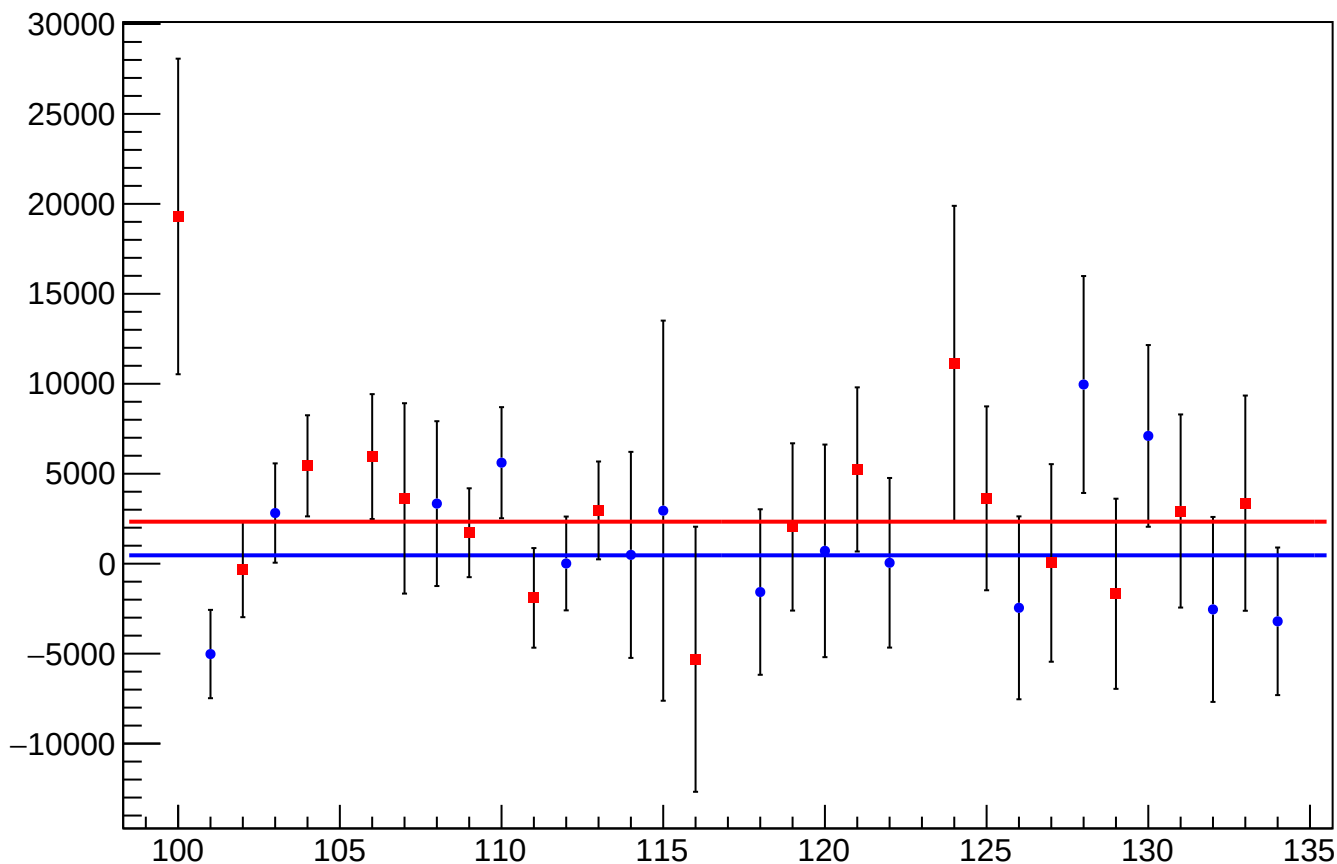
Right: 239.019+/-0.048 χ^2/NDF : 873331.7/31

In: 242.880+/-0.069 χ^2/NDF : 384649.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.019+/-0.048 χ^2/NDF : 873331.7/31

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 464.231+/-1020.680 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.778+/-943.184 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

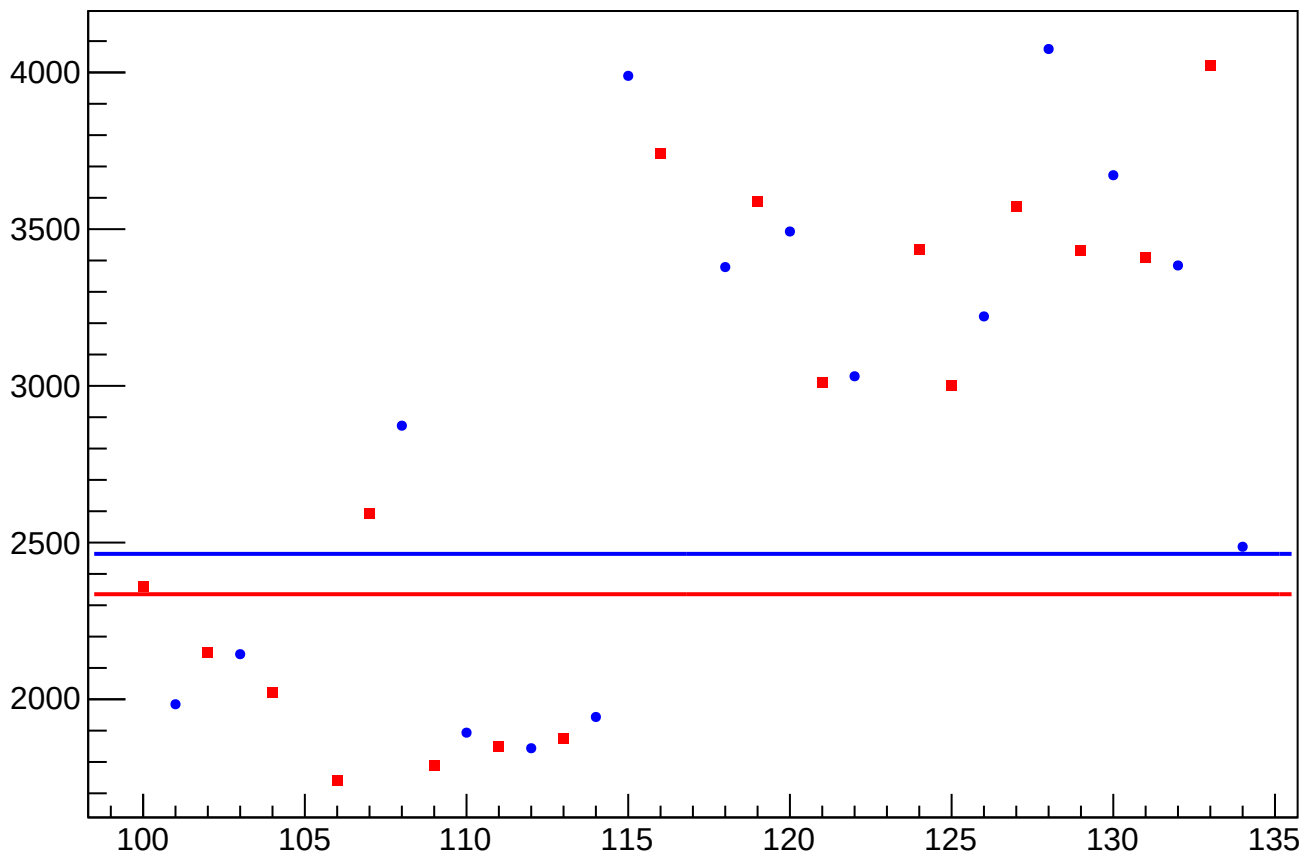
Right: 1473.203+/-692.711 χ^2/NDF : 29.6/31

In: 464.231+/-1020.680 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.203+/-692.711 χ^2/NDF : 29.6/31

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2463.969+/-0.722 χ^2/NDF : 893273.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2335.253+/-0.667 χ^2/NDF : 1068942.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

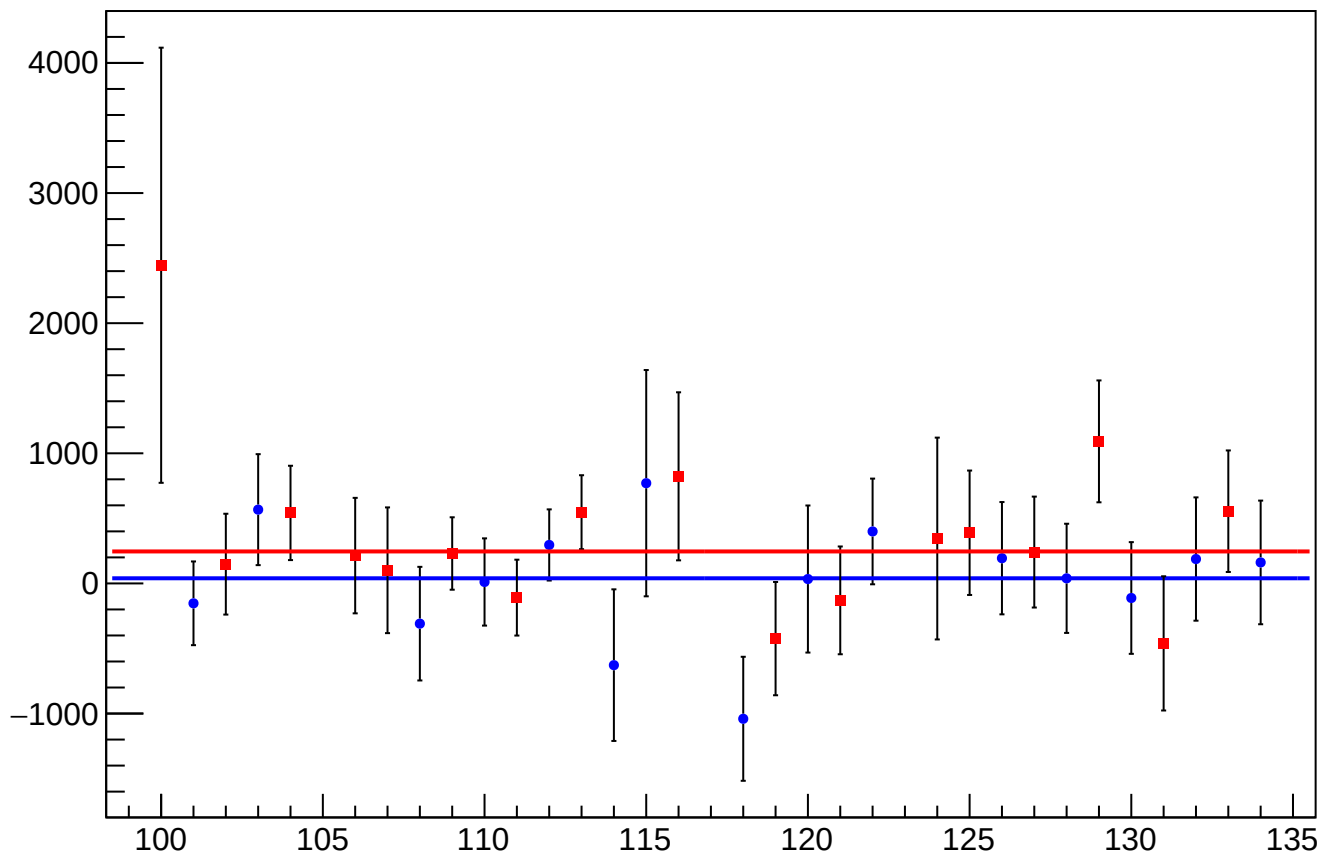
Right: 2394.539+/-0.490 χ^2/NDF : 1979372.0/31

In: 2463.969+/-0.722 χ^2/NDF : 893273.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.539+/-0.490 χ^2/NDF : 1979372.0/31

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 39.478 $\pm$ 107.885 χ^2 /NDF: 11.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.782 $\pm$ 100.501 χ^2 /NDF: 14.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

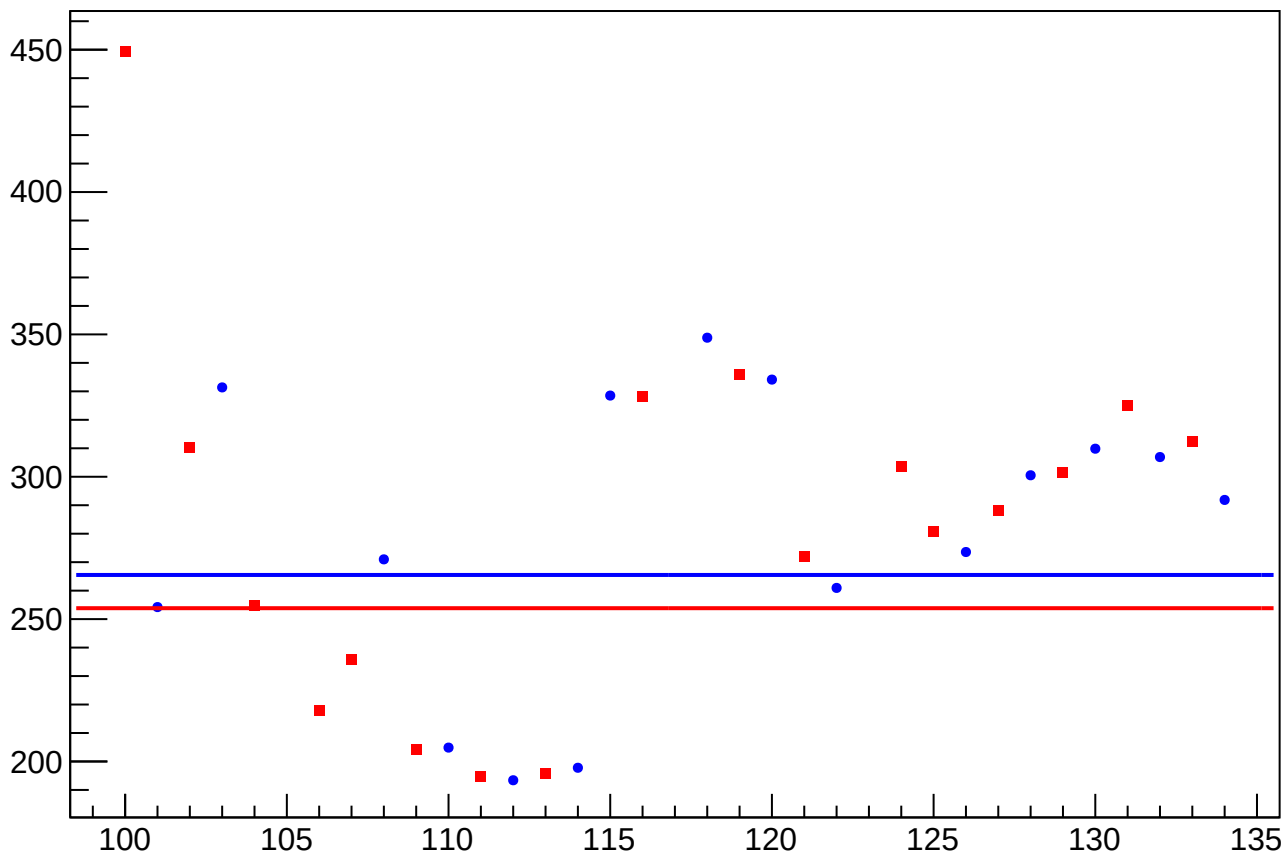
Right: 149.930 $\pm$ 73.537 χ^2 /NDF: 28.6/31

In: 39.478 $\pm$ 107.885 χ^2 /NDF:11.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.930 $\pm$ 73.537 χ^2 /NDF: 28.6/31

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 265.508 $\pm$ 0.076 χ^2 /NDF: 440873.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 253.835 $\pm$ 0.071 χ^2 /NDF: 534500.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

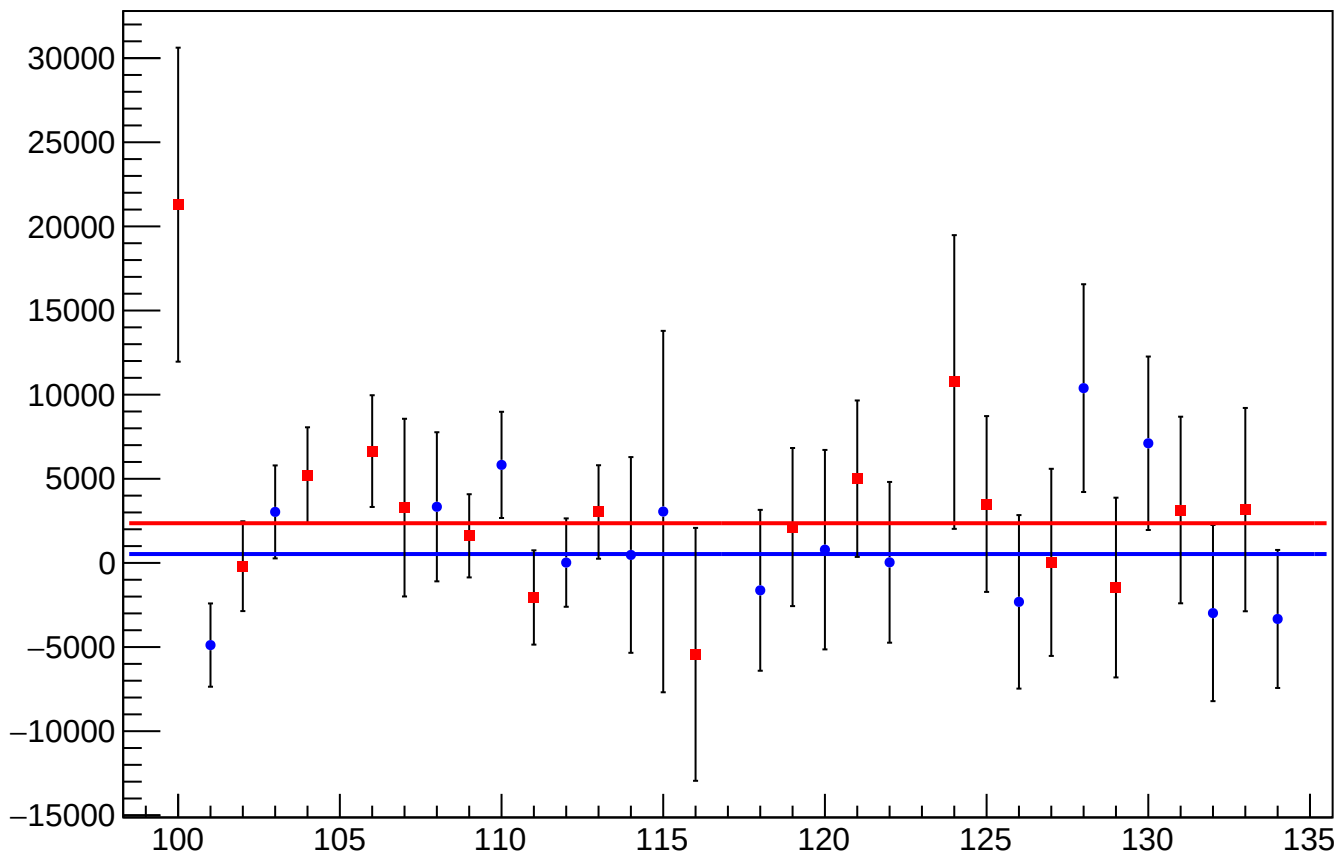
Right: 259.259 $\pm$ 0.052 χ^2 /NDF: 987909.2/31

In: 265.508 $\pm$ 0.076 χ^2 /NDF:440873.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 259.259 $\pm$ 0.052 χ^2 /NDF: 987909.2/31

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 527.880+/-1030.127 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.568+/-949.585 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

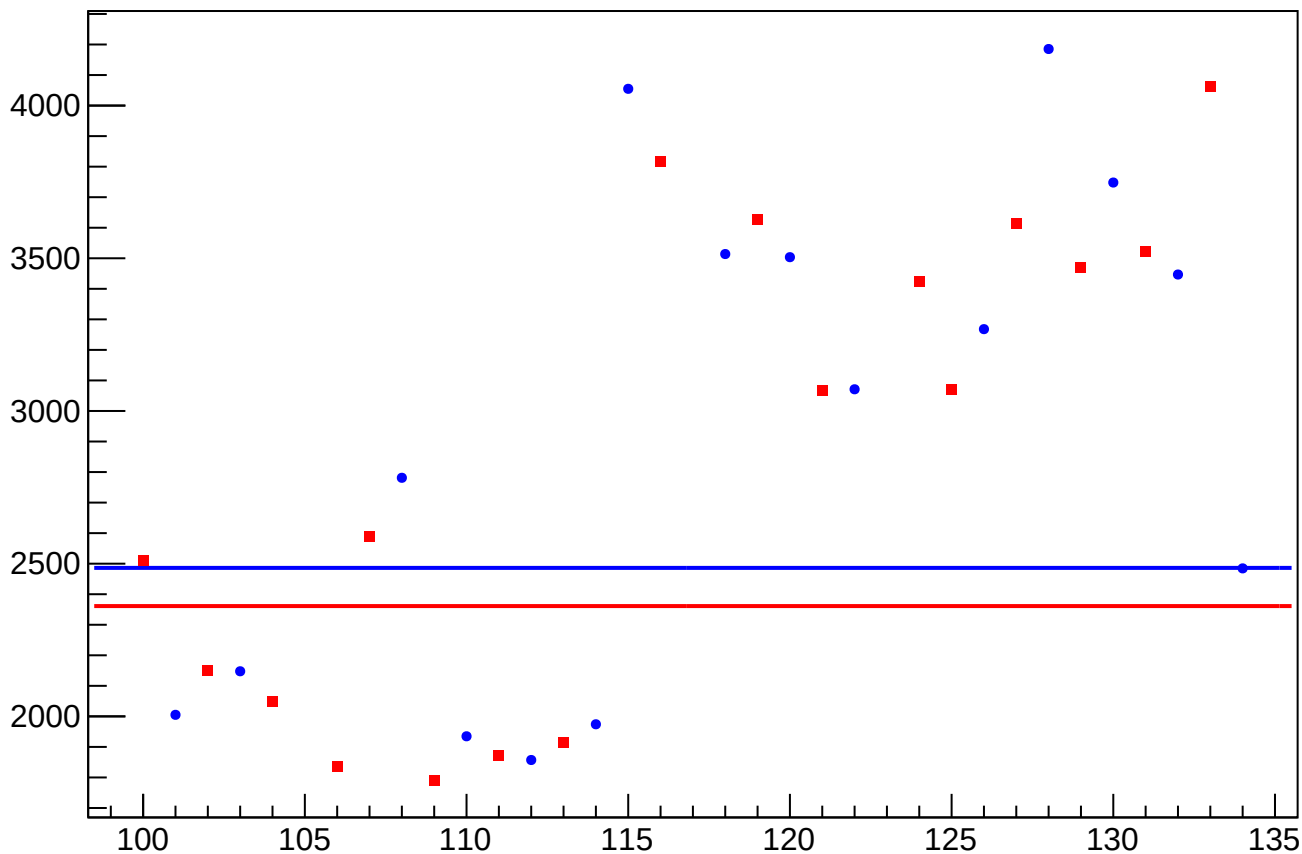
Right: 1518.121+/-698.198 χ^2/NDF : 30.1/31

In: 527.880+/-1030.127 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.121+/-698.198 χ^2/NDF : 30.1/31

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2486.218+/-0.728 χ^2/NDF : 914444.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2361.181+/-0.671 χ^2/NDF : 1076516.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

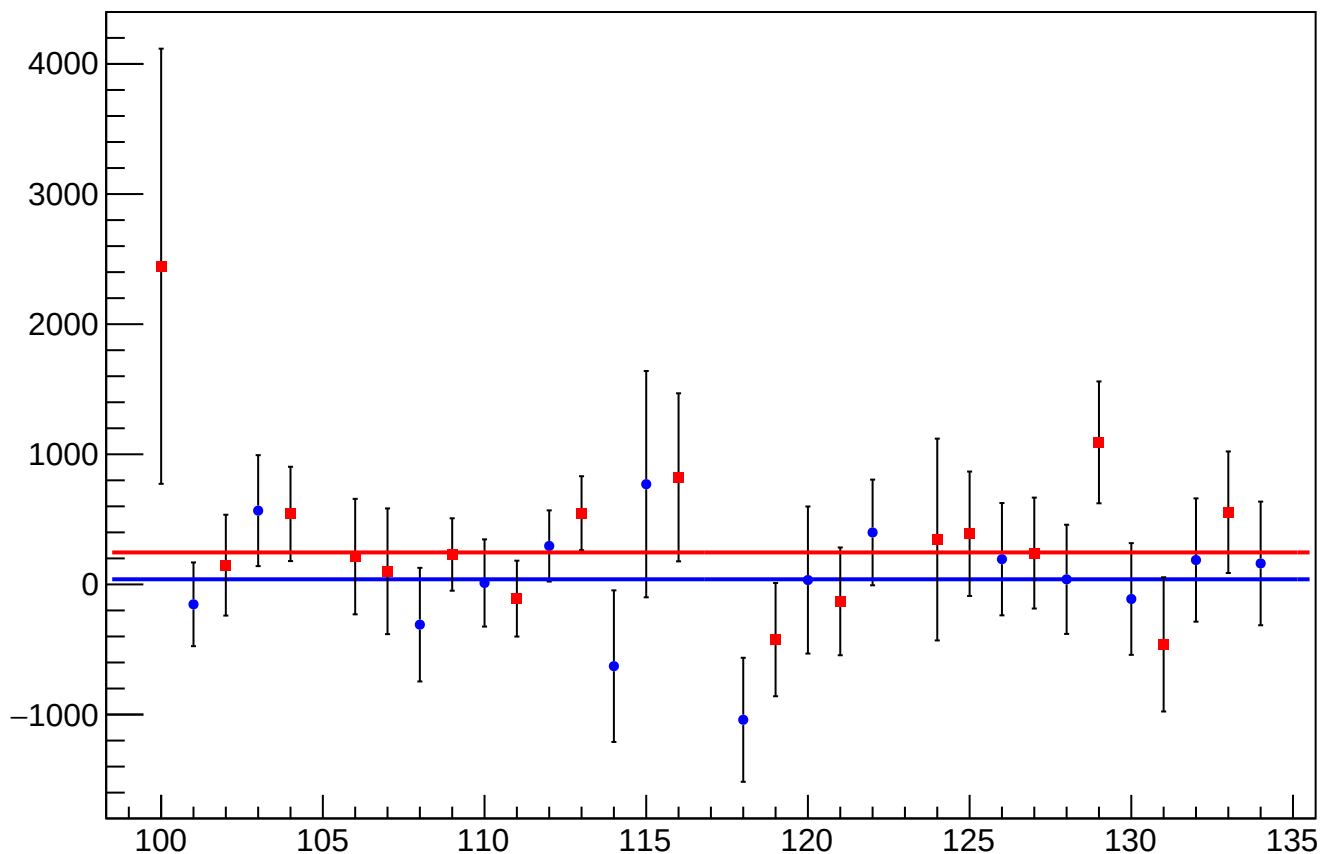
Right: 2418.621+/-0.494 χ^2/NDF : 2006890.8/31

In: 2486.218+/-0.728 χ^2/NDF : 914444.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.621+/-0.494 χ^2/NDF : 2006890.8/31

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 39.480 $\pm$ 107.885 χ^2 /NDF: 11.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.780 $\pm$ 100.501 χ^2 /NDF: 14.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

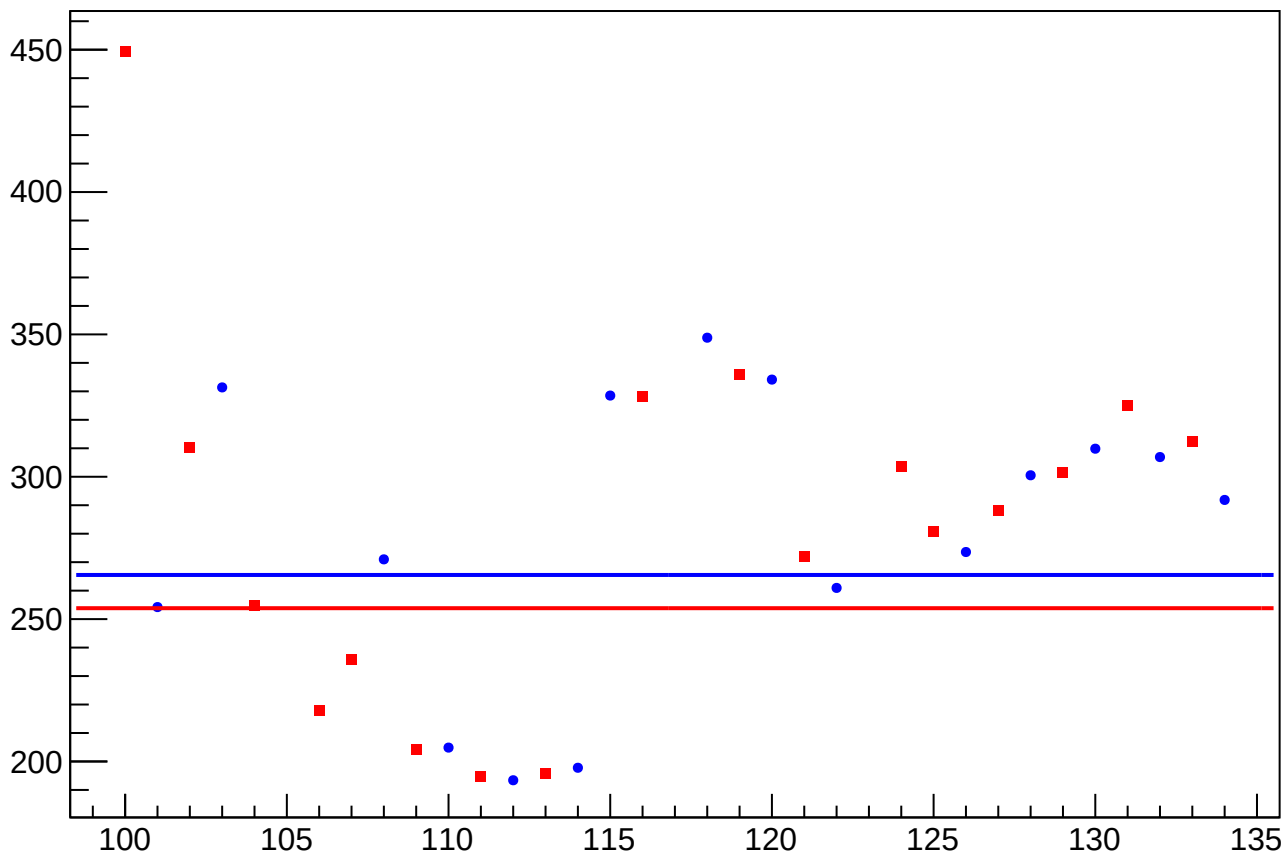
Right: 149.930 $\pm$ 73.537 χ^2 /NDF: 28.6/31

In: 39.480 $\pm$ 107.885 χ^2 /NDF:11.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.930 $\pm$ 73.537 χ^2 /NDF: 28.6/31

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 265.508+/-0.076 χ^2/NDF : 440877.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.835+/-0.071 χ^2/NDF : 534504.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

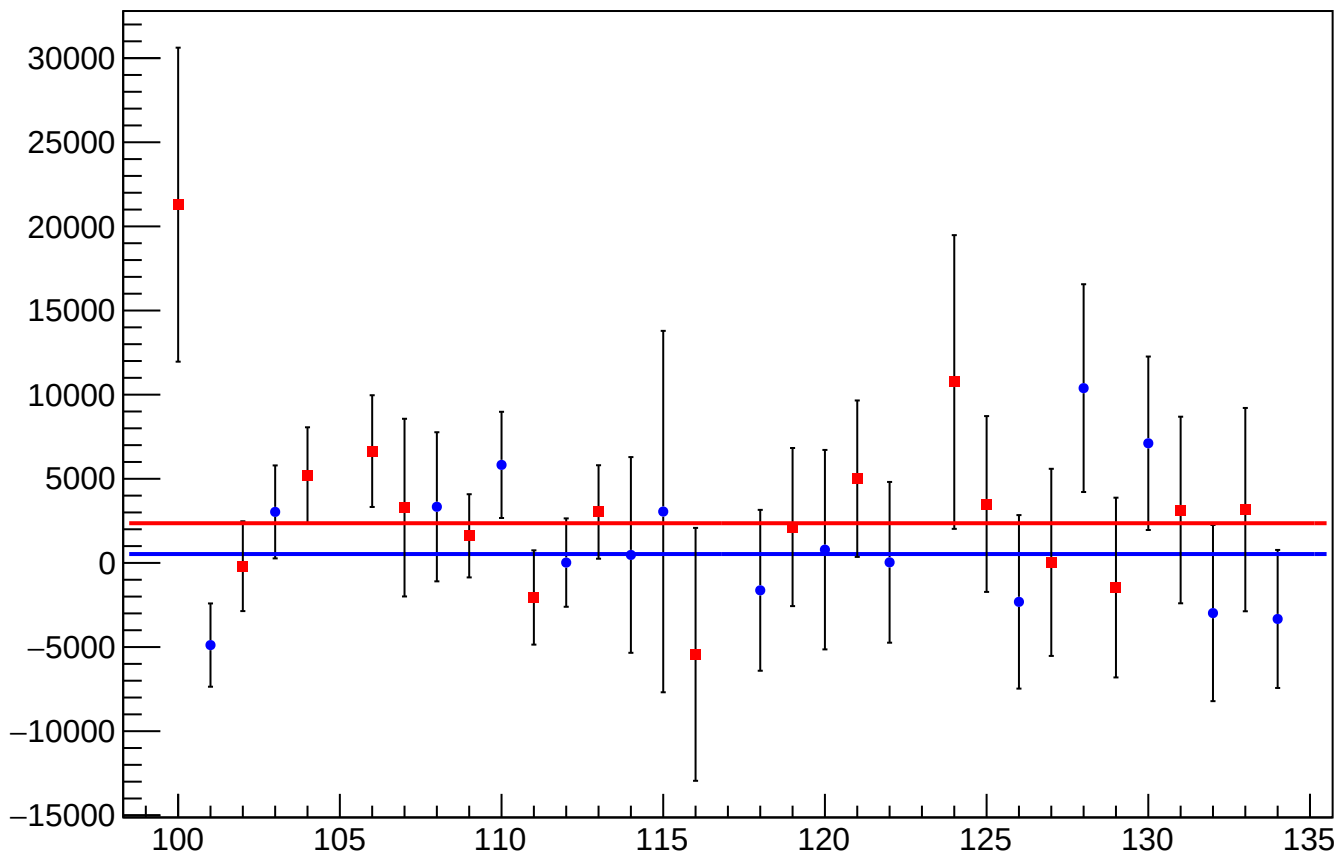
Right: 259.259+/-0.052 χ^2/NDF : 987916.5/31

In: 265.508+/-0.076 χ^2/NDF : 440877.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.259+/-0.052 χ^2/NDF : 987916.5/31

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 527.880+/-1030.127 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.565+/-949.584 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

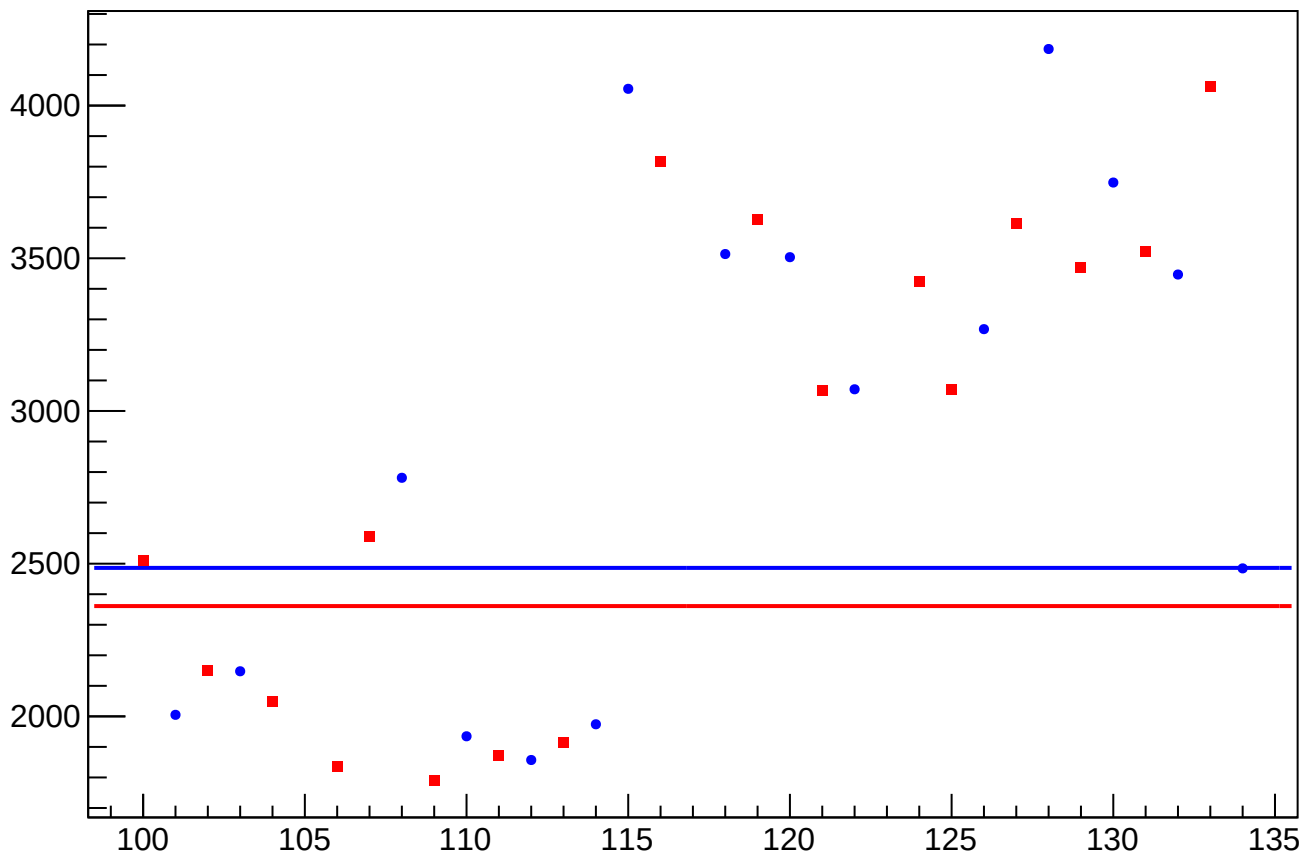
Right: 1518.120+/-698.198 χ^2/NDF : 30.1/31

In: 527.880+/-1030.127 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.120+/-698.198 χ^2/NDF : 30.1/31

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2486.217+/-0.728 χ^2/NDF : 914447.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2361.180+/-0.671 χ^2/NDF : 1076519.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

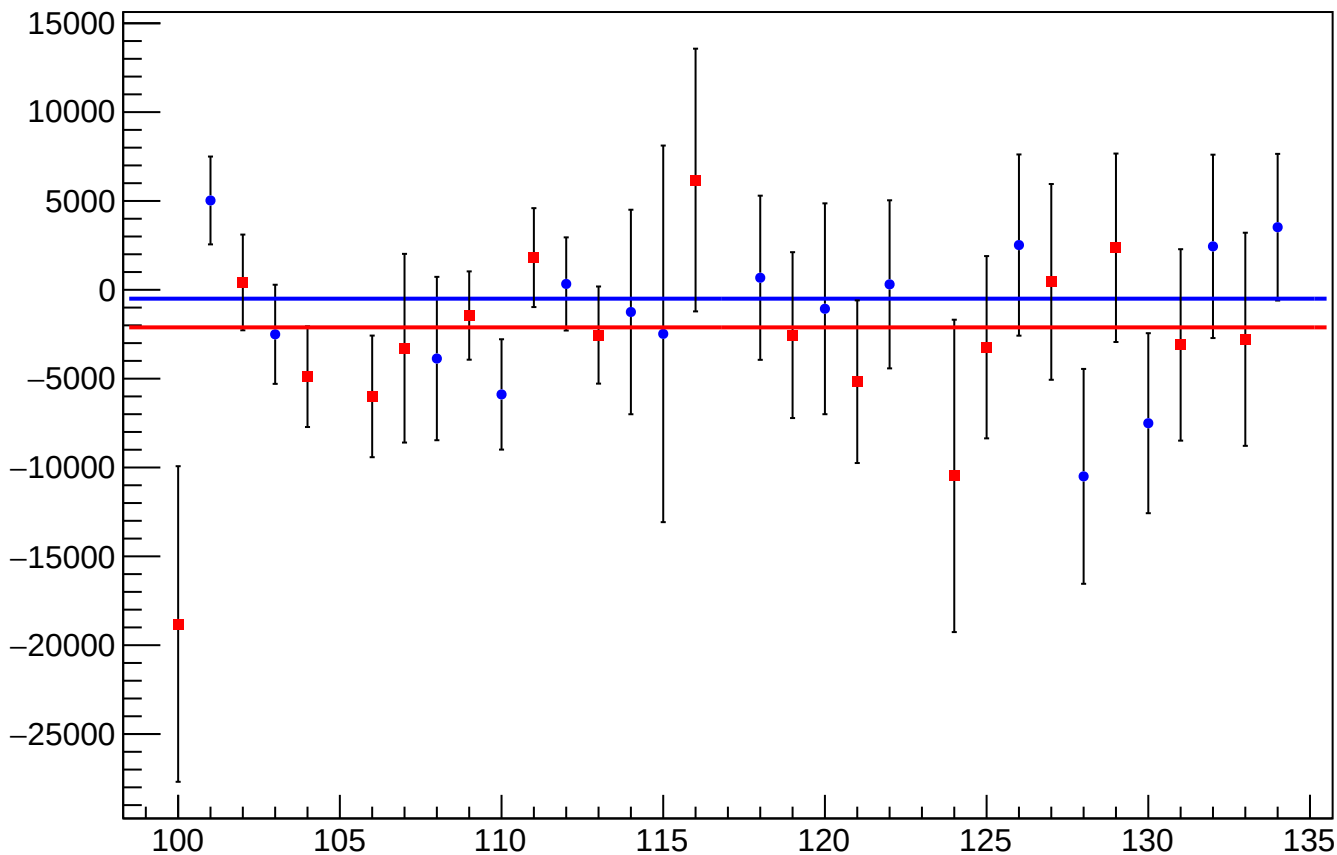
Right: 2418.620+/-0.494 χ^2/NDF : 2006896.5/31

In: 2486.217+/-0.728 χ^2/NDF : 914447.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.620+/-0.494 χ^2/NDF : 2006896.5/31

asym_sam4_mean vs Slug, Sign Corrected



Right In: -498.713+/-1026.549 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2113.636+/-947.183 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

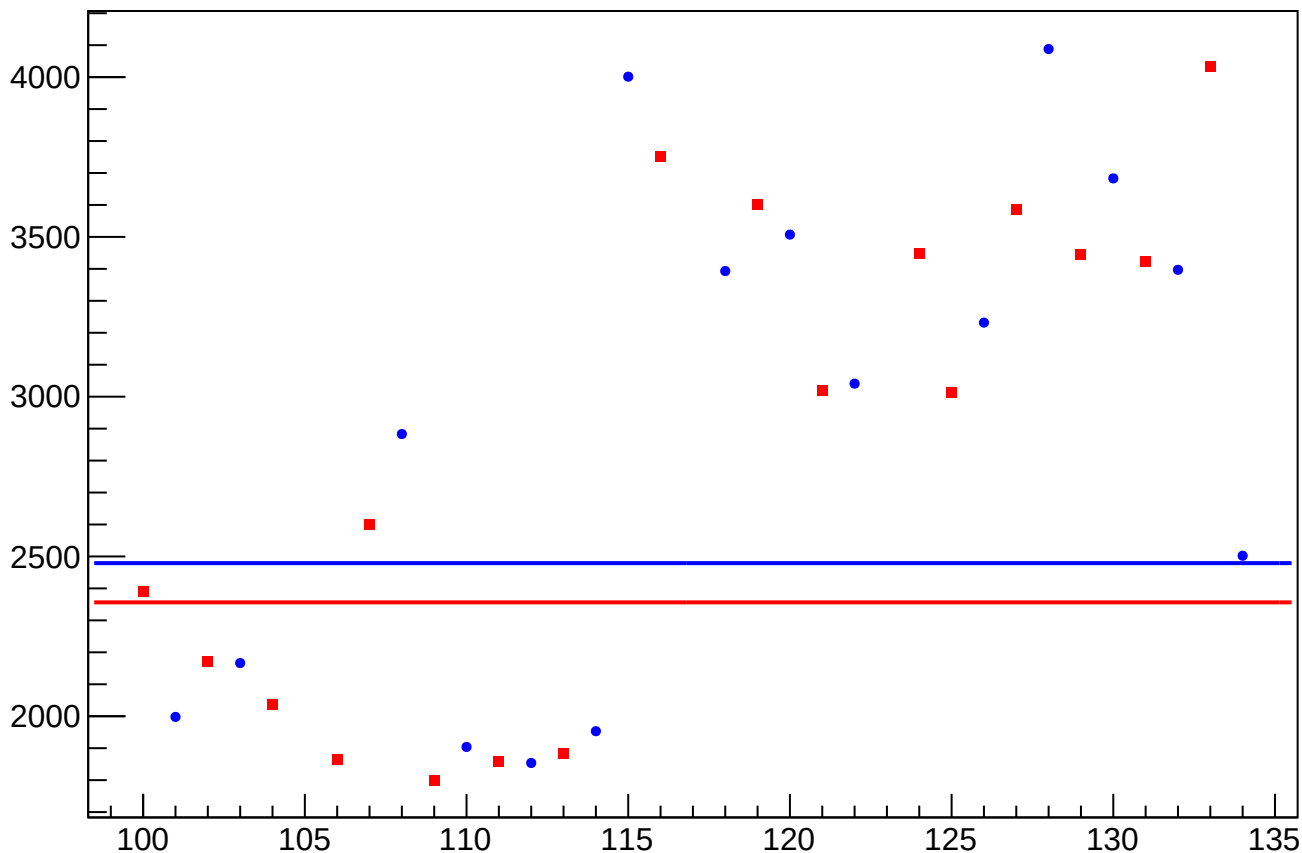
Right: -1371.008+/-696.129 χ^2/NDF : 29.4/31

In: -498.713+/-1026.549 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1371.008+/-696.129 χ^2/NDF : 29.4/31

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2479.112+/-0.726 χ^2/NDF : 884950.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.312+/-0.670 χ^2/NDF : 1042234.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

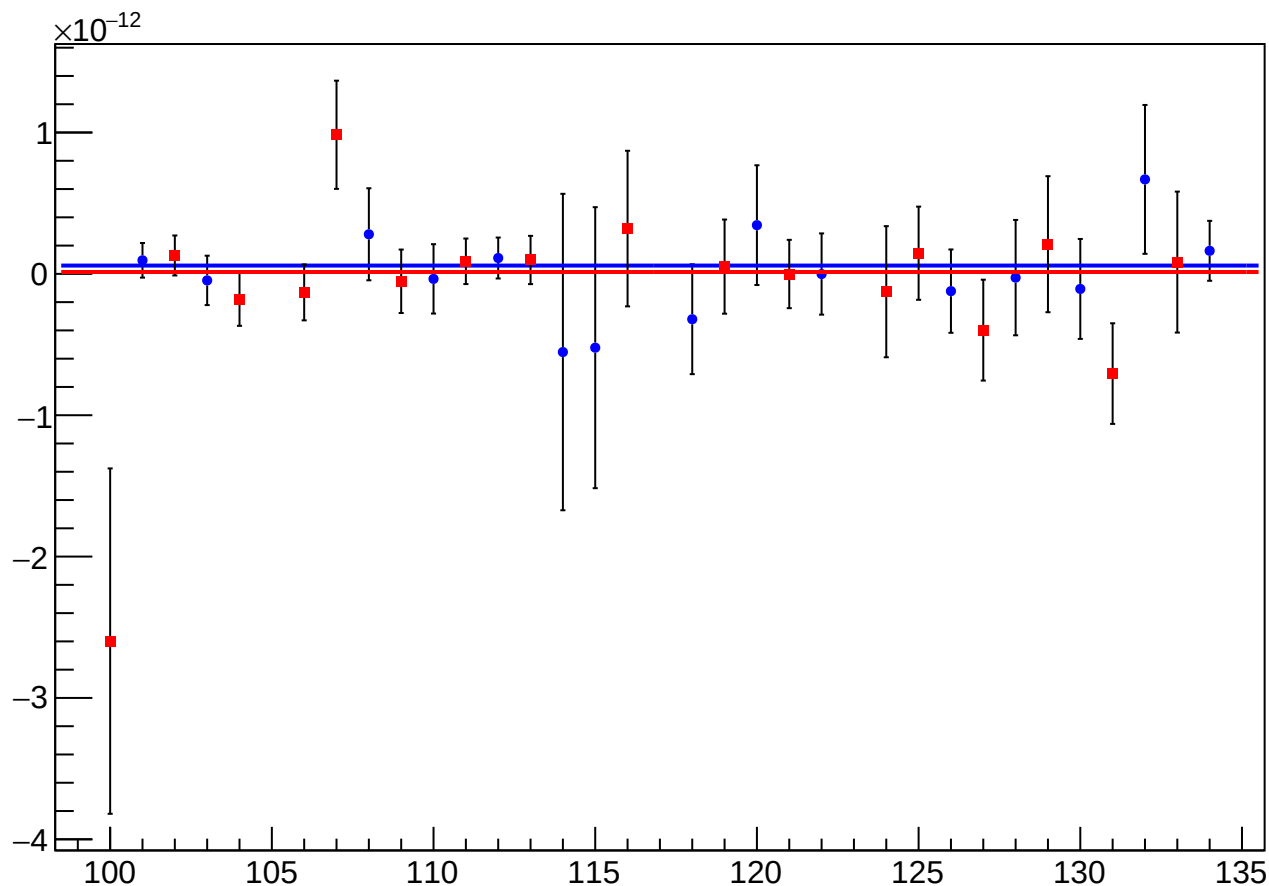
Right: 2412.782+/-0.492 χ^2/NDF : 1942643.5/31

In: 2479.112+/-0.726 χ^2/NDF : 884950.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2412.782+/-0.492 χ^2/NDF : 1942643.5/31

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

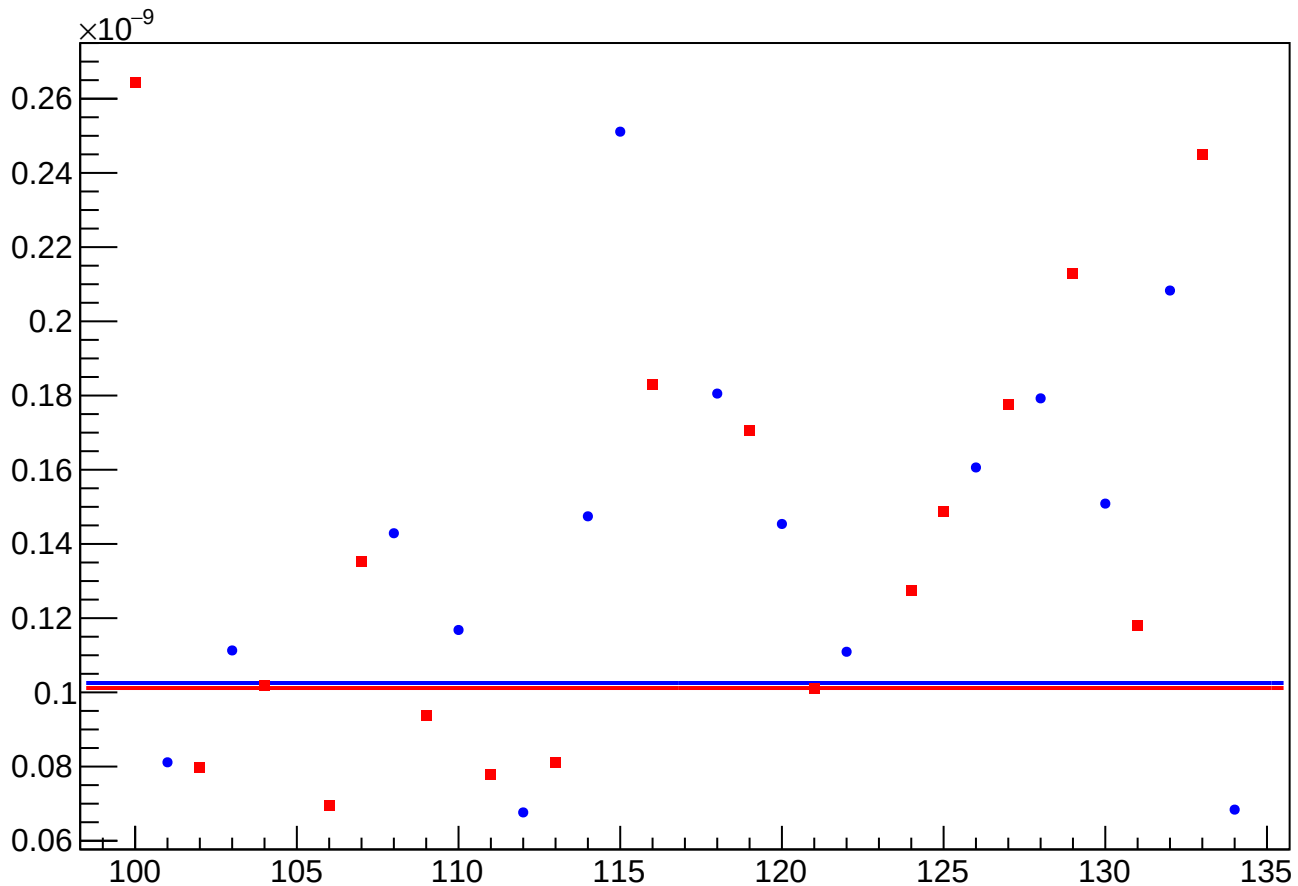
Right: 0.000+/-0.000 χ^2/NDF : 25.8/31

In: 0.000+/-0.000 χ^2/NDF : 5.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.8/31

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 688589.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 769289.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

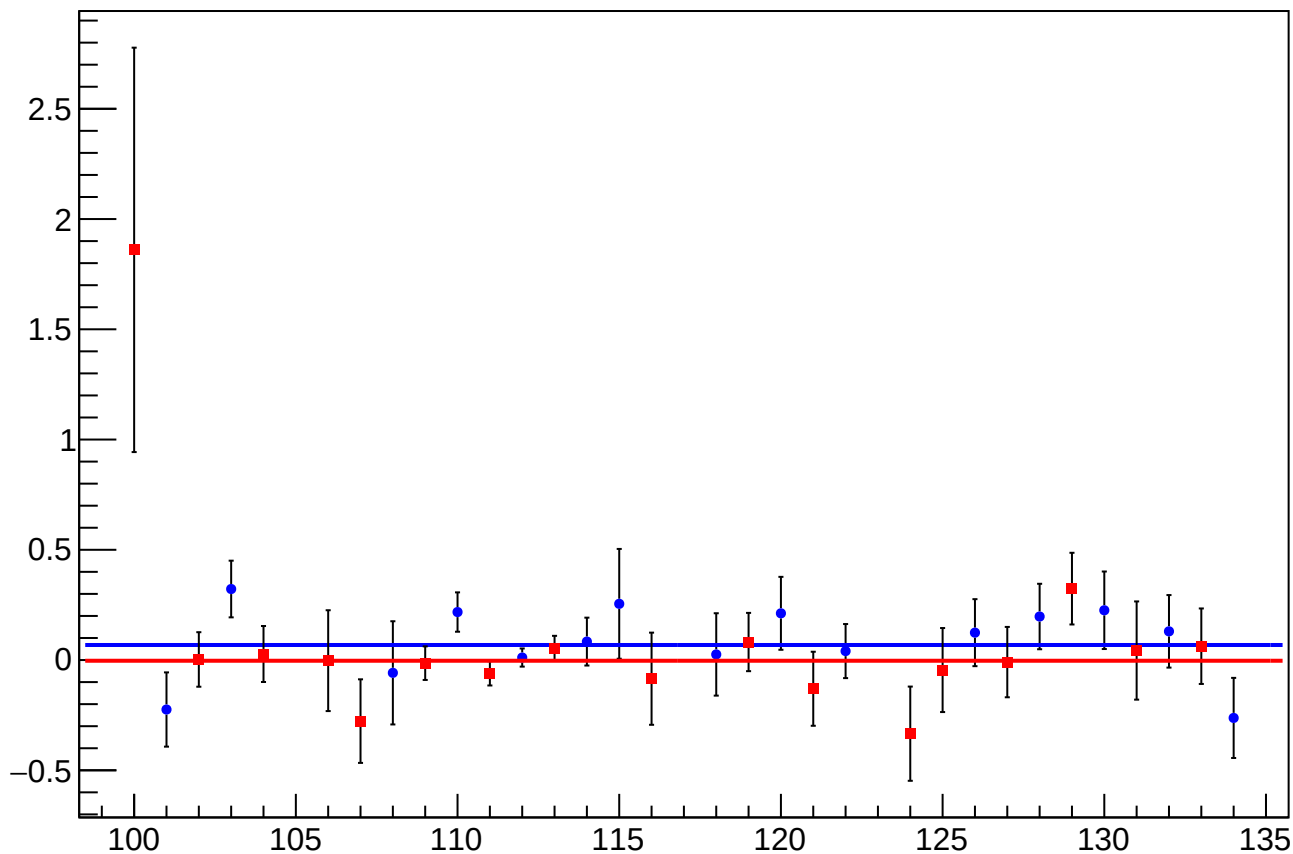
Right: 0.000+/-0.000 χ^2/NDF : 1458356.3/31

In: 0.000+/-0.000 χ^2/NDF : 688589.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1458356.3/31

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.028 χ^2/NDF : 18.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.028 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

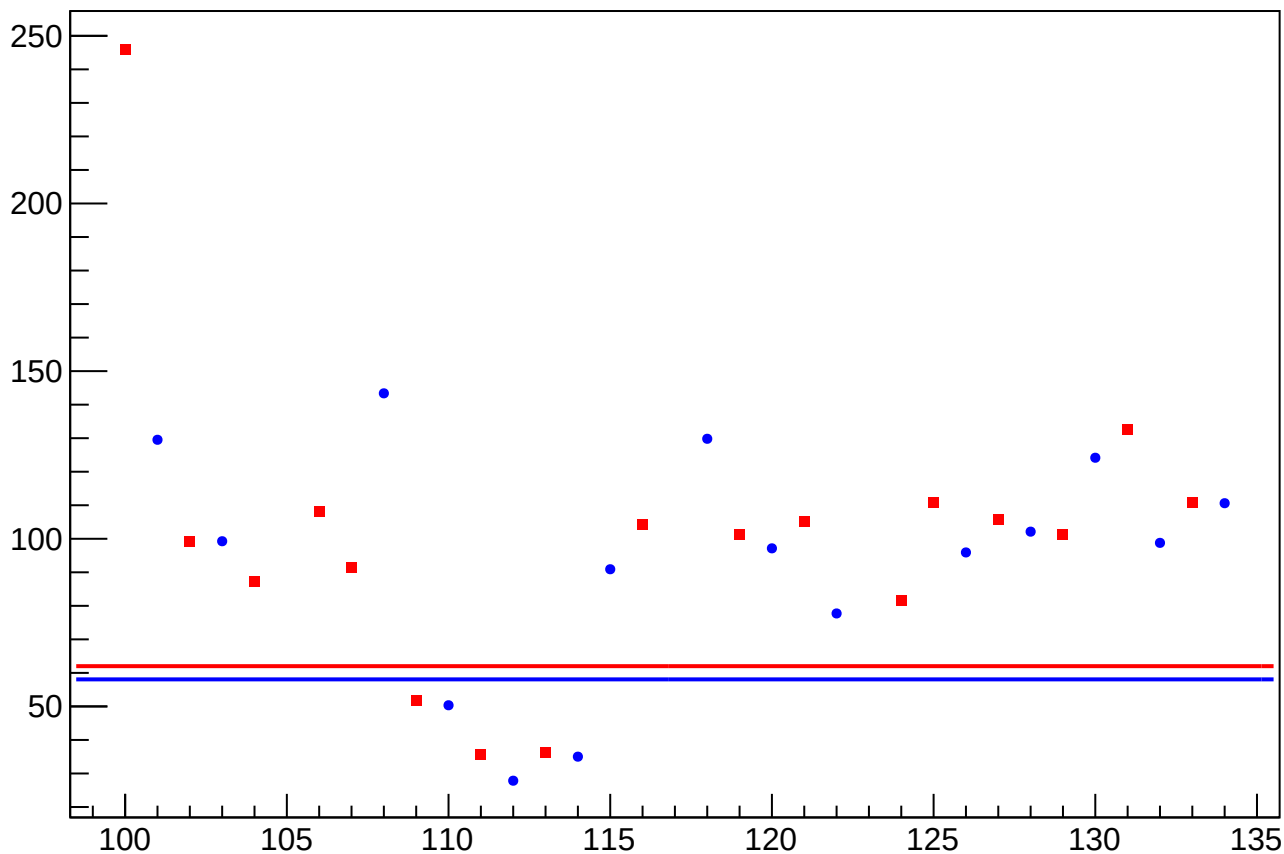
Right: 0.032+/-0.020 χ^2/NDF : 38.0/31

In: 0.068+/-0.028 χ^2/NDF : 18.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.020 χ^2/NDF : 38.0/31

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.067+/-0.020 χ^2/NDF : 3381529.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.009+/-0.020 χ^2/NDF : 2562935.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

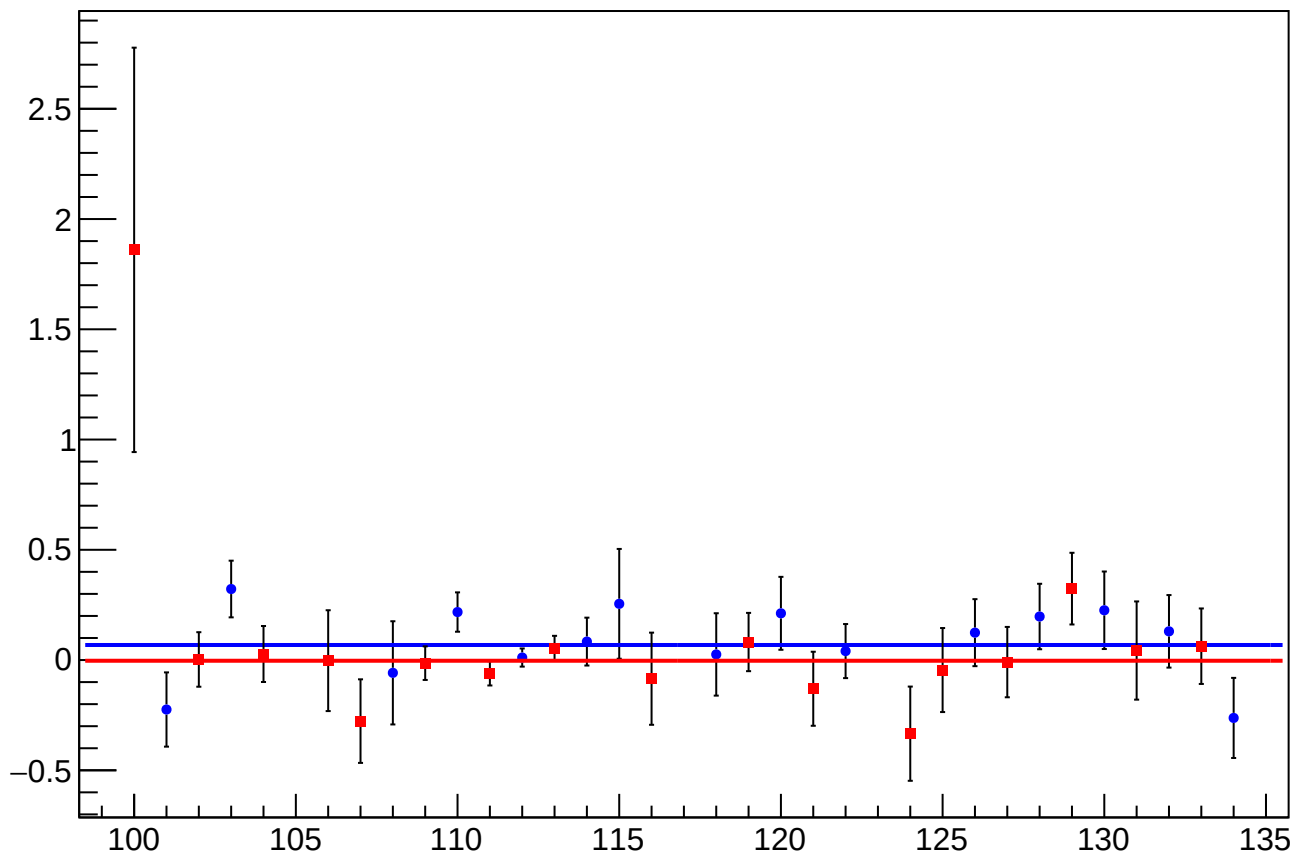
Right: 60.072+/-0.014 χ^2/NDF : 5964237.5/31

In: 58.067+/-0.020 χ^2/NDF : 3381529.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.072+/-0.014 χ^2/NDF : 5964237.5/31

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.028 χ^2/NDF : 18.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 $\pm$ 0.028 χ^2/NDF : 16.2/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

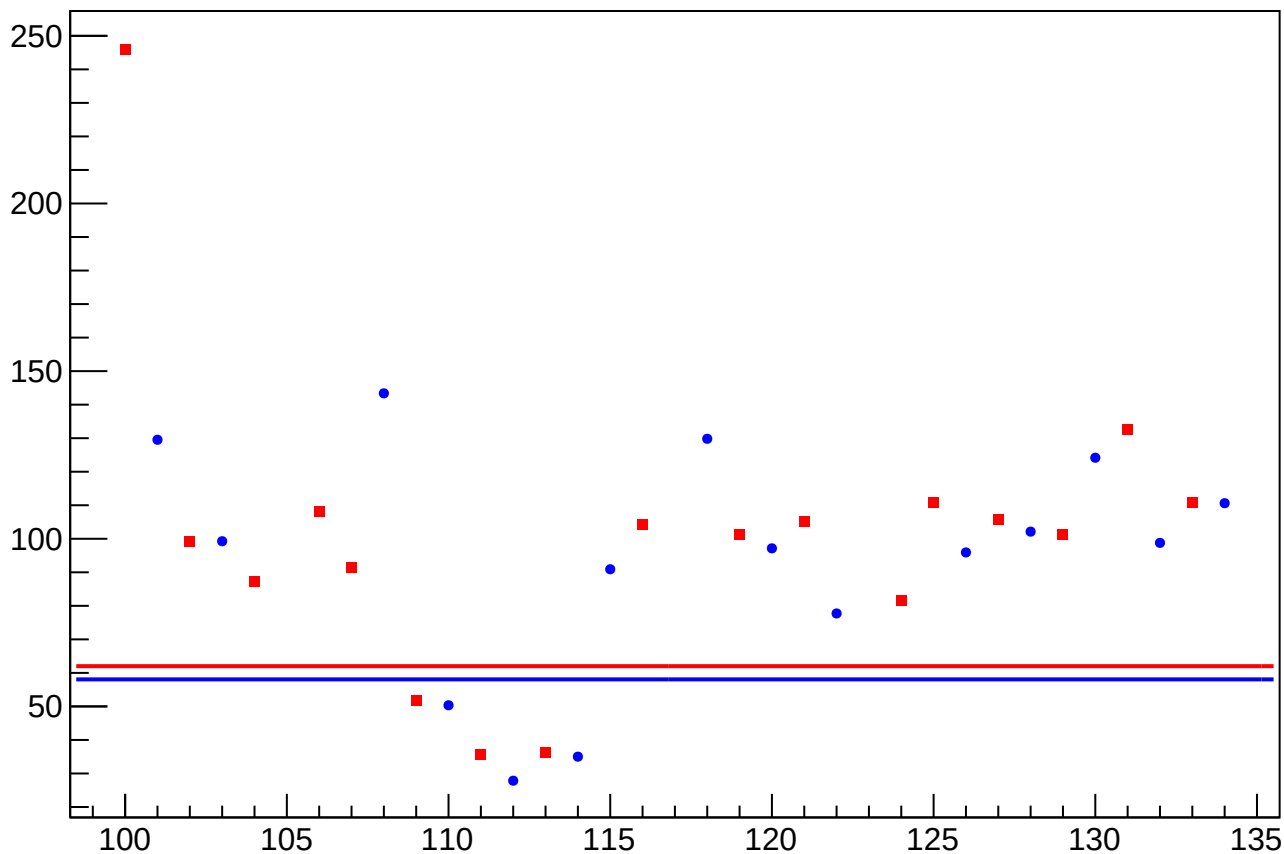
Right: 0.032 $\pm$ 0.020 χ^2/NDF : 38.0/31

In: 0.068 $\pm$ 0.028 χ^2/NDF : 18.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.032 $\pm$ 0.020 χ^2/NDF : 38.0/31

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.067+/-0.020 χ^2/NDF : 3381529.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 62.009+/-0.020 χ^2/NDF : 2562935.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

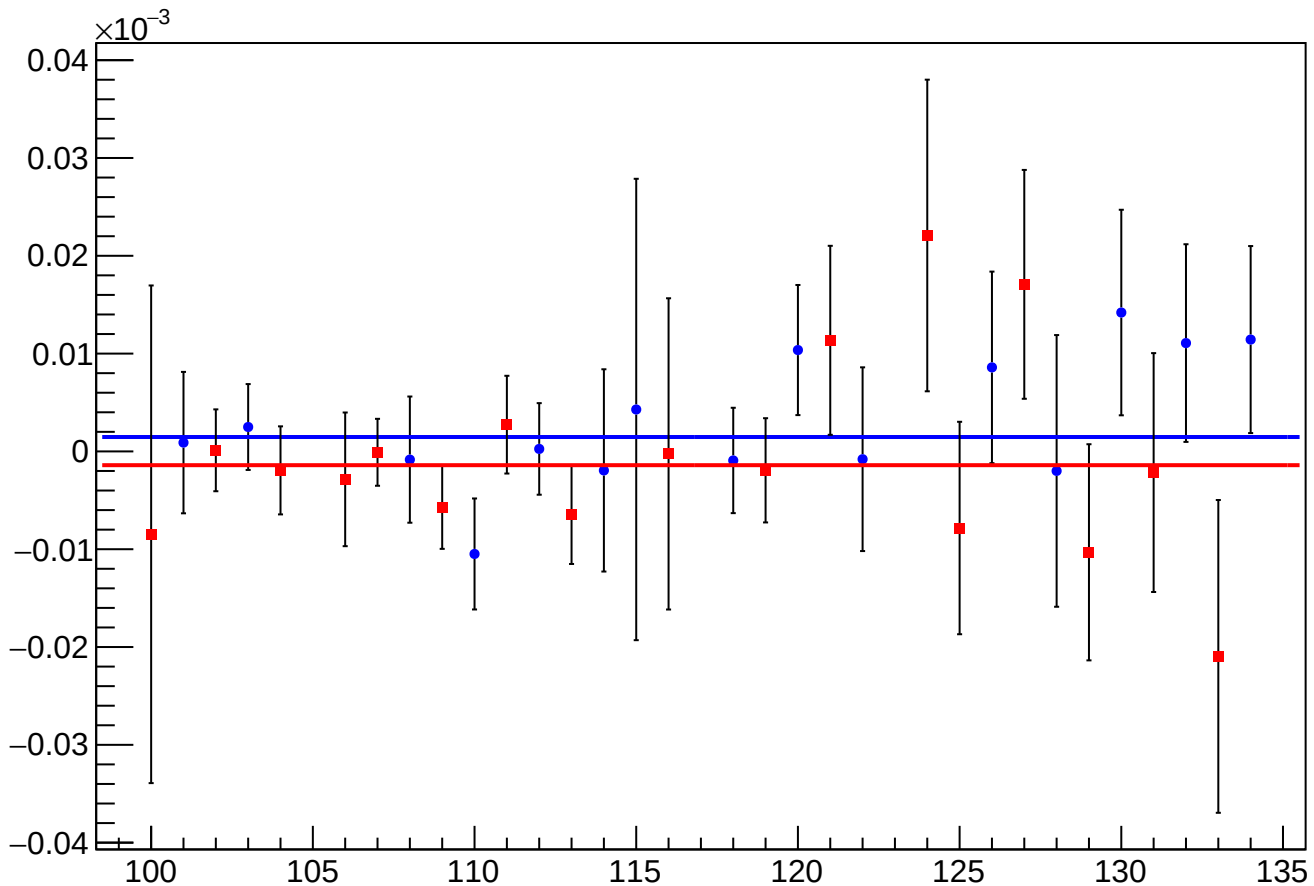
Right: 60.072+/-0.014 χ^2/NDF : 5964237.5/31

In: 58.067+/-0.020 χ^2/NDF :3381529.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.072+/-0.014 χ^2/NDF : 5964237.5/31

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

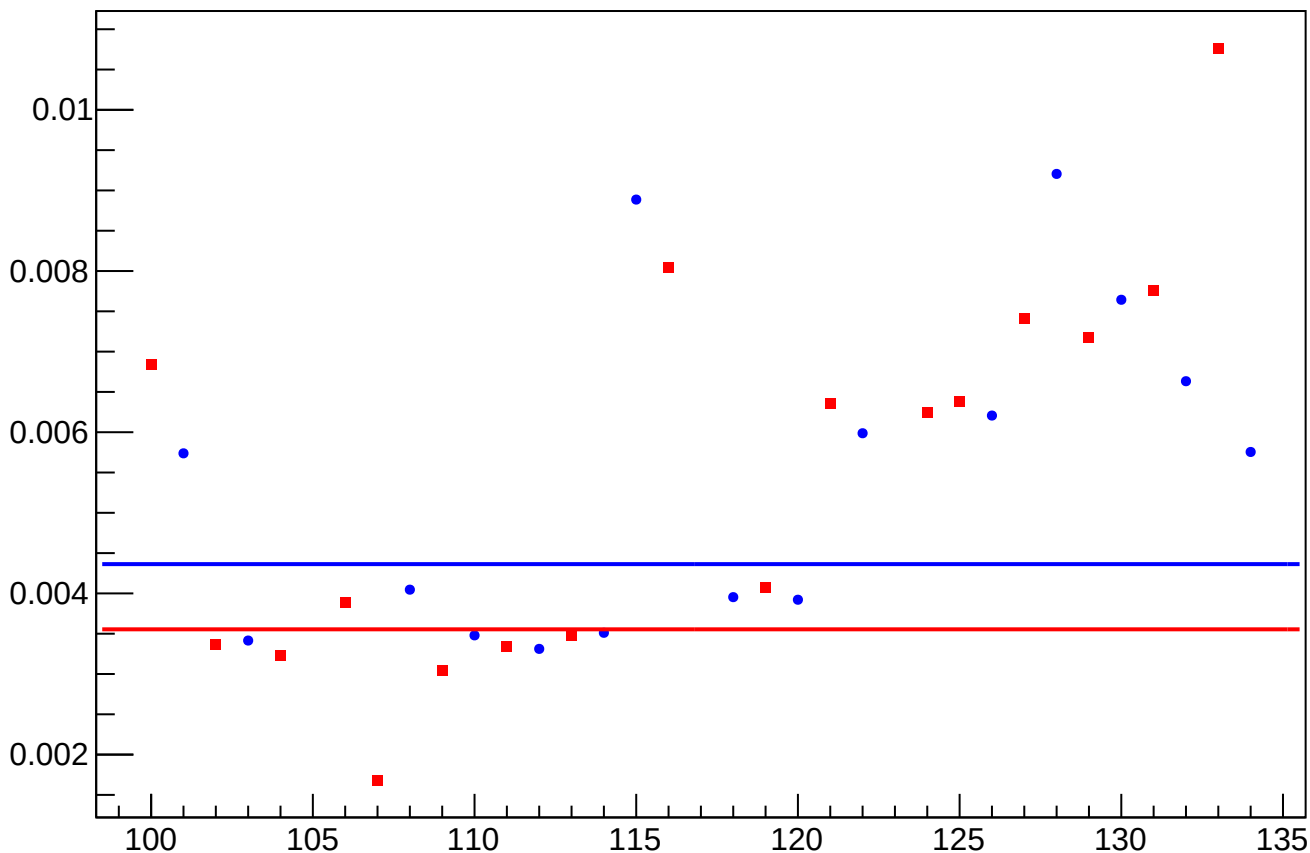
Right: -0.000+/-0.000 χ^2/NDF : 24.5/31

In: 0.000+/-0.000 χ^2/NDF : 10.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.5/31

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000

χ^2/NDF : 1139316.4/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 2302936.4/16

Left 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 : 3673833.5/31

In: 0.004+/-0.000

χ^2/NDF : 1139316.4/14

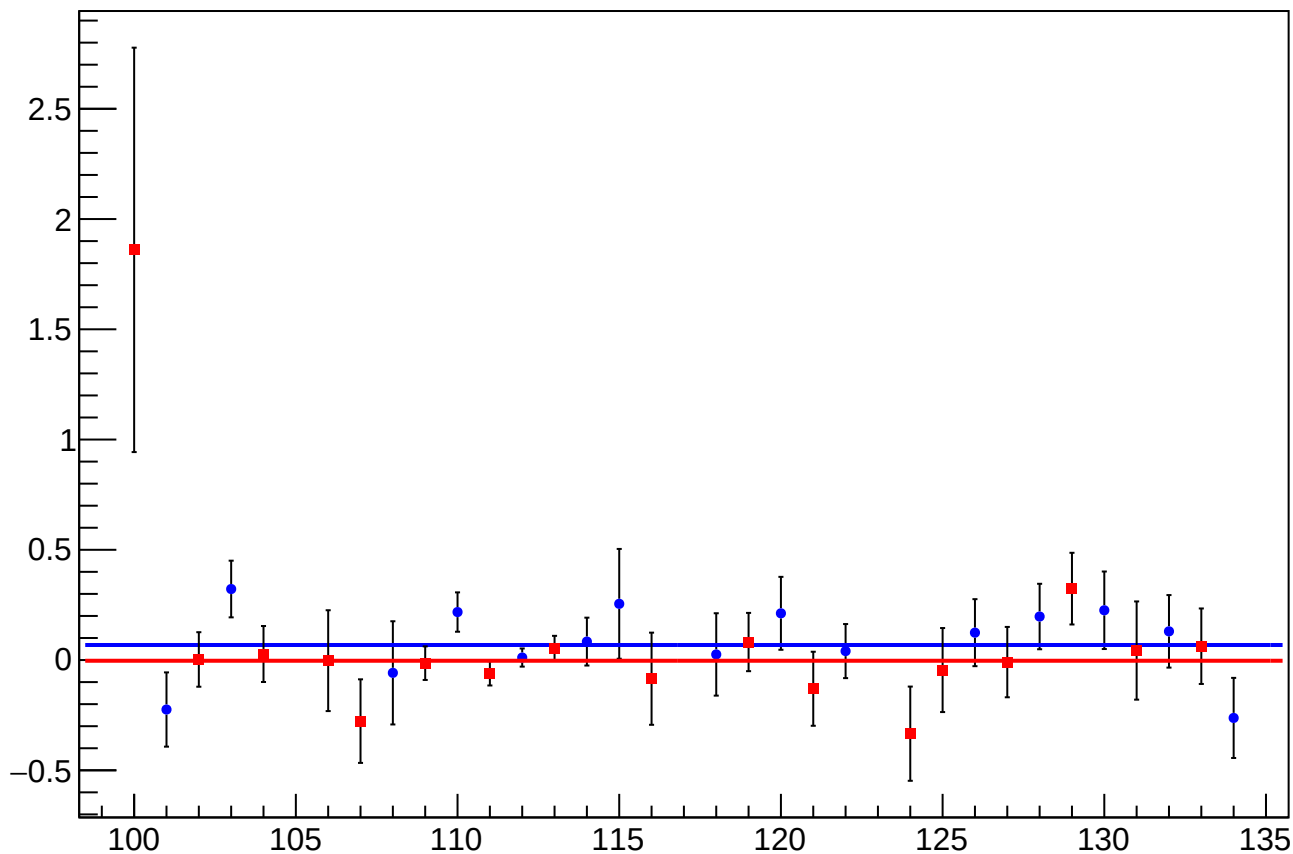
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 3673833.5/31

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 ± 0.028 χ^2/NDF : 18.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.028 χ^2/NDF : 16.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

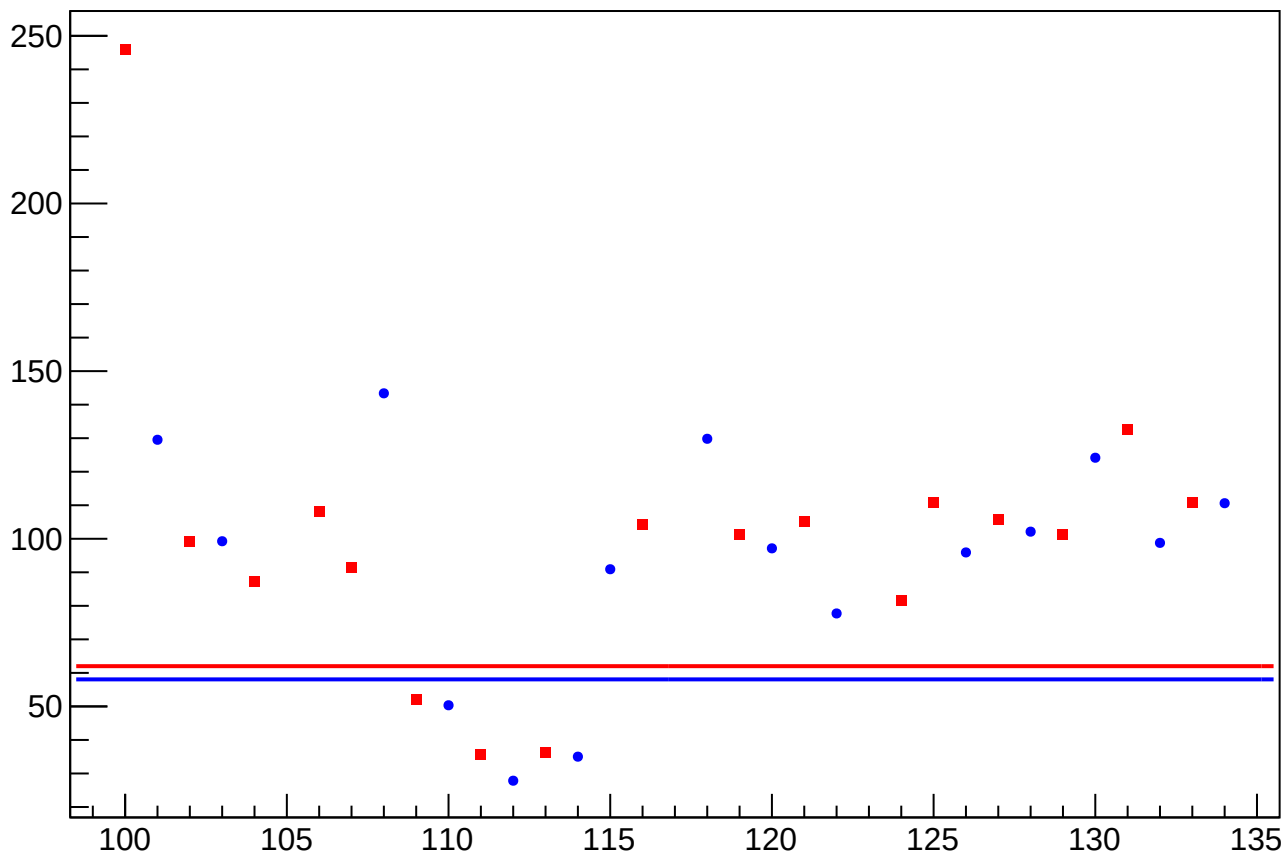
Right: 0.032 ± 0.020 χ^2/NDF : 38.0/31

In: 0.068 ± 0.028 χ^2/NDF : 18.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.020 χ^2/NDF : 38.0/31

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.065+/-0.020 χ^2/NDF : 3381744.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.007+/-0.020 χ^2/NDF : 2563181.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

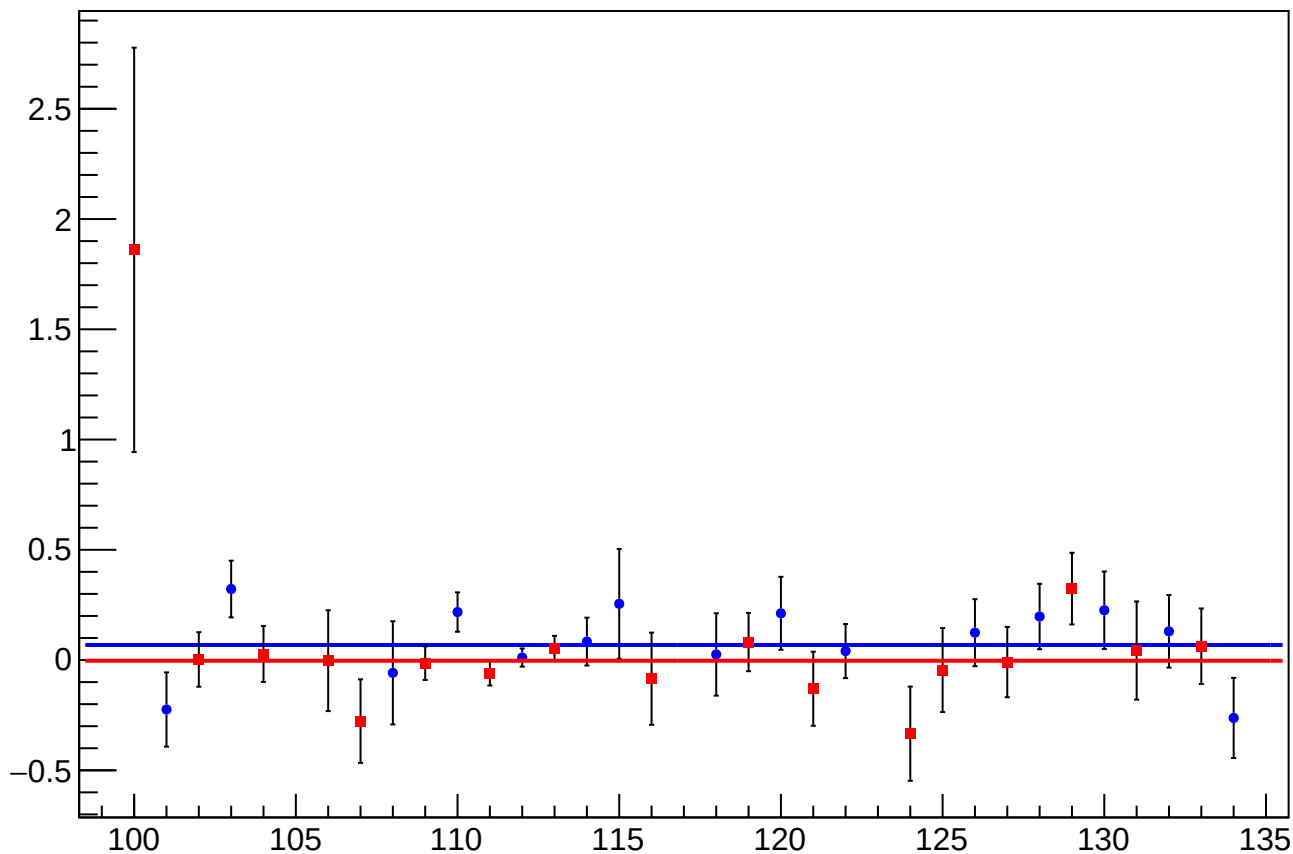
Right: 60.070+/-0.014 χ^2/NDF : 5964702.7/31

In: 58.065+/-0.020 χ^2/NDF : 3381744.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.070+/-0.014 χ^2/NDF : 5964702.7/31

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.028 χ^2/NDF : 18.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.028 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

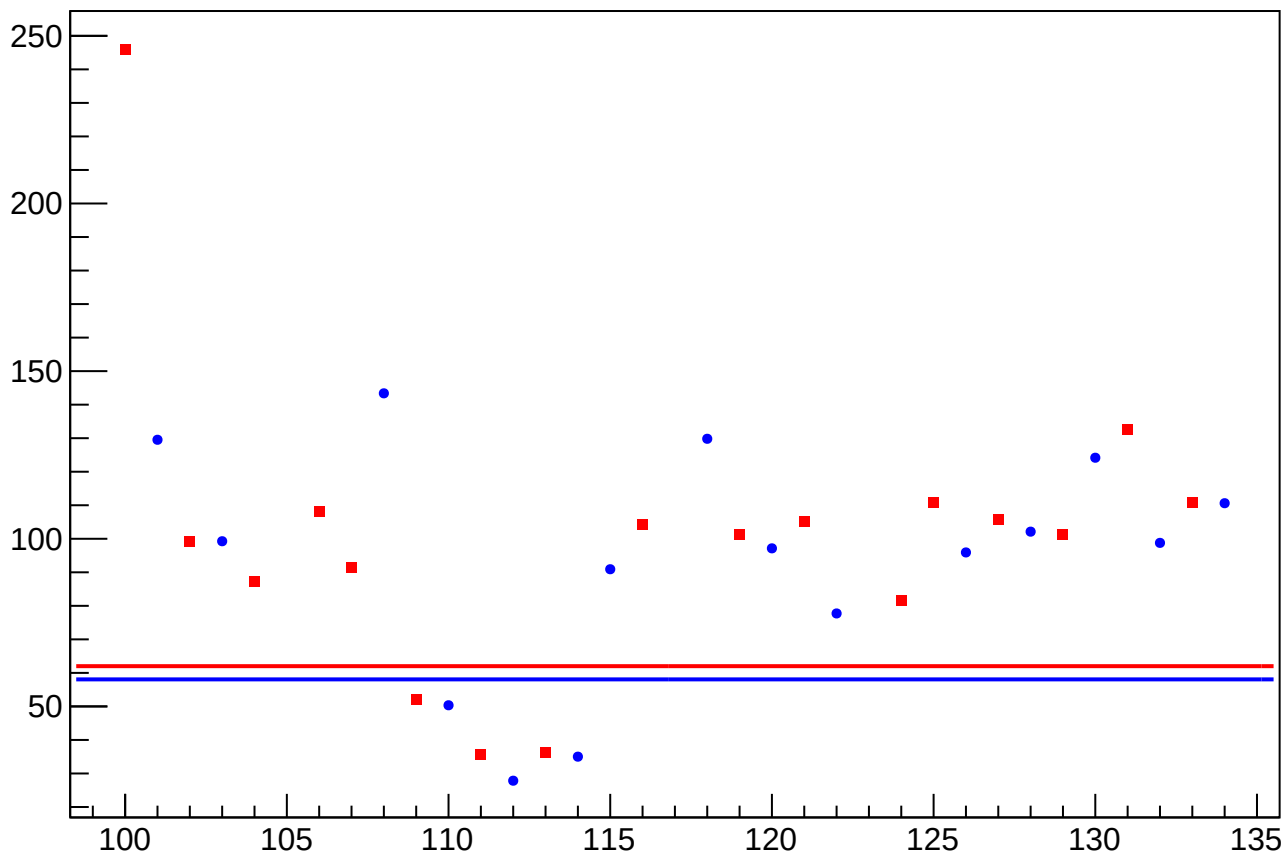
Right: 0.032+/-0.020 χ^2/NDF : 38.0/31

In: 0.068+/-0.028 χ^2/NDF : 18.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.020 χ^2/NDF : 38.0/31

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.065+/-0.020 χ^2/NDF : 3381744.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 62.007+/-0.020 χ^2/NDF : 2563181.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

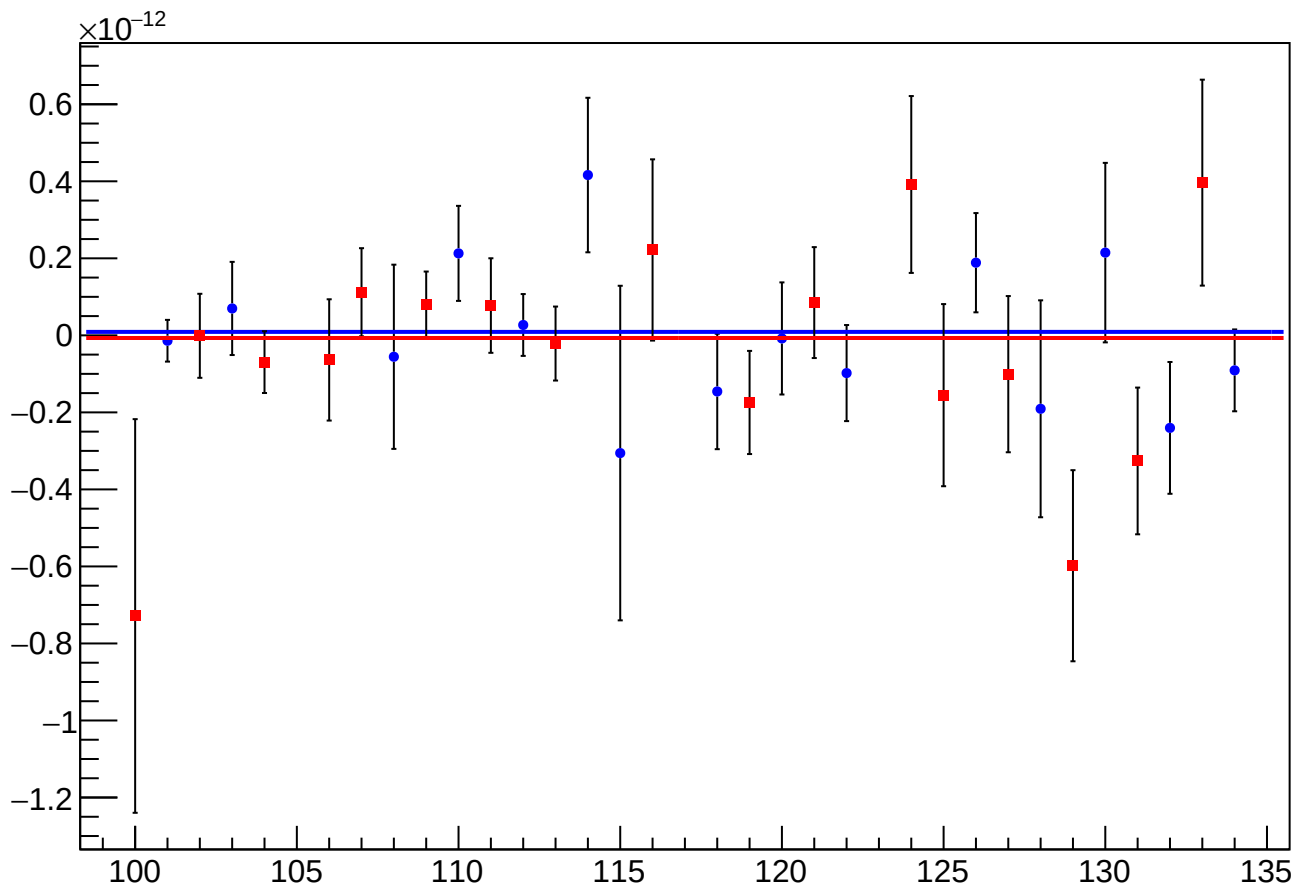
Right: 60.070+/-0.014 χ^2/NDF : 5964702.7/31

In: 58.065+/-0.020 χ^2/NDF :3381744.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.070+/-0.014 χ^2/NDF : 5964702.7/31

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

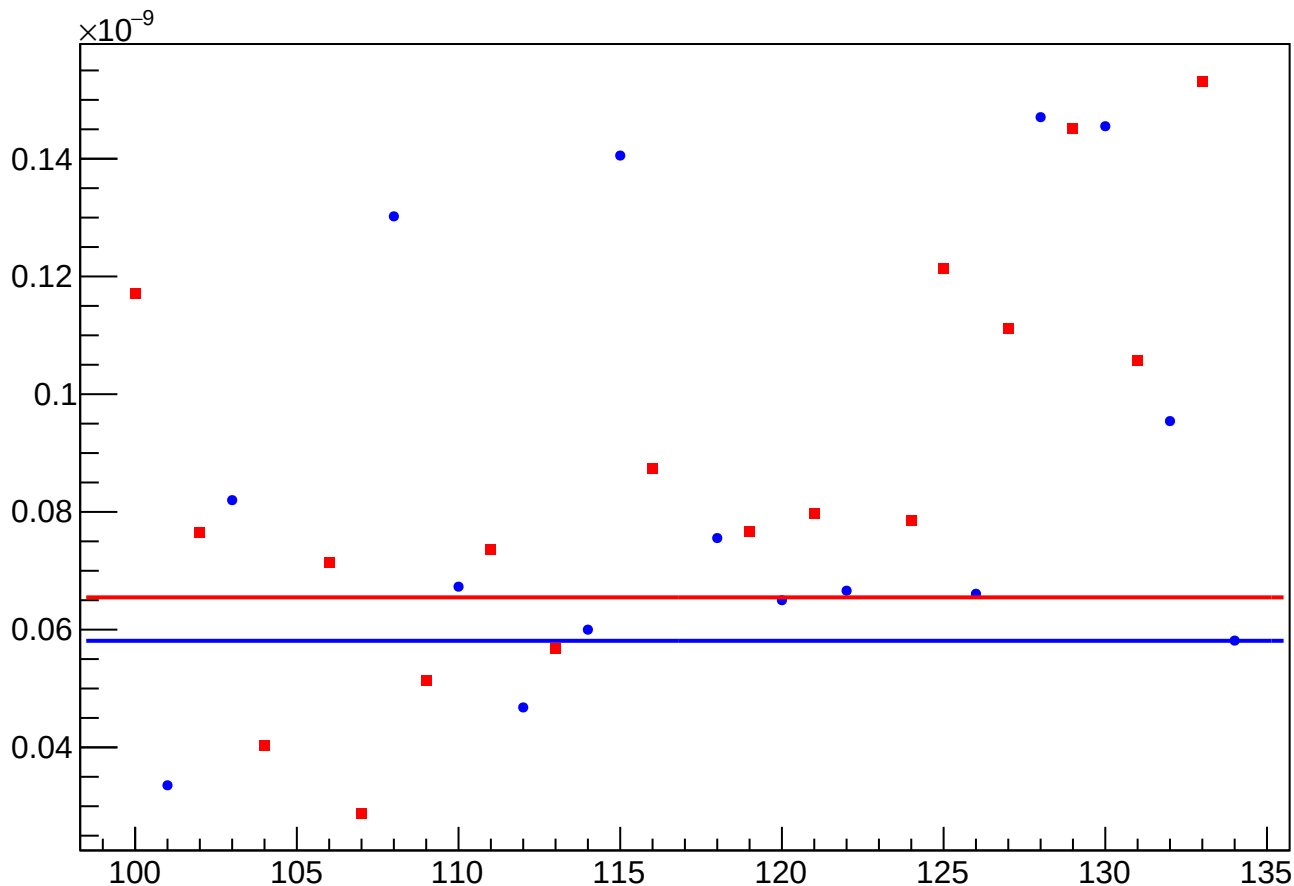
Right: 0.000+/-0.000 χ^2/NDF : 38.8/31

In: 0.000+/-0.000 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.8/31

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 1418444.4/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1306751.7/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 2778374.4/31

In: 0.000+/-0.000

χ^2/NDF : 1418444.4/14

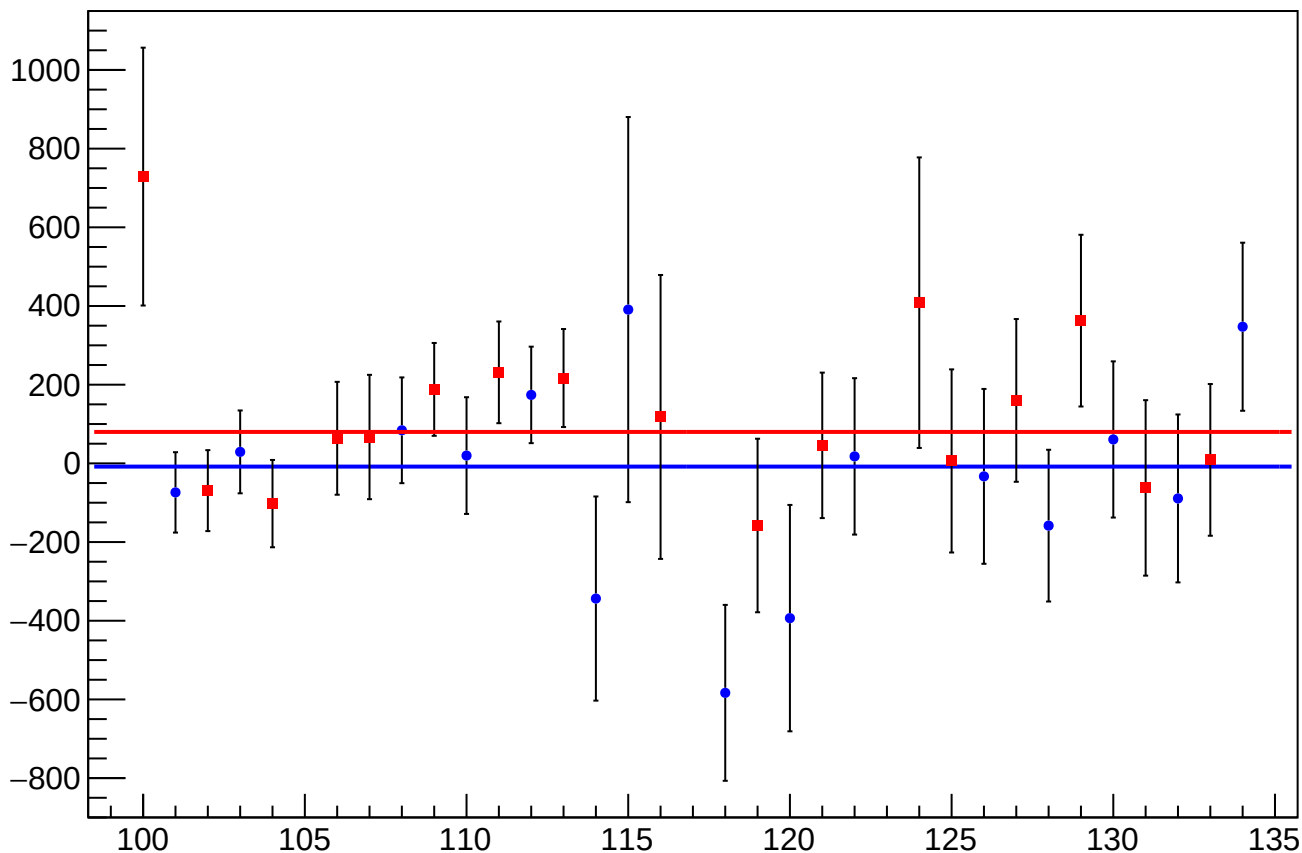
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 2778374.4/31

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -8.203 ± 42.789 χ^2/NDF : 17.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 79.929 ± 39.396 χ^2/NDF : 16.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

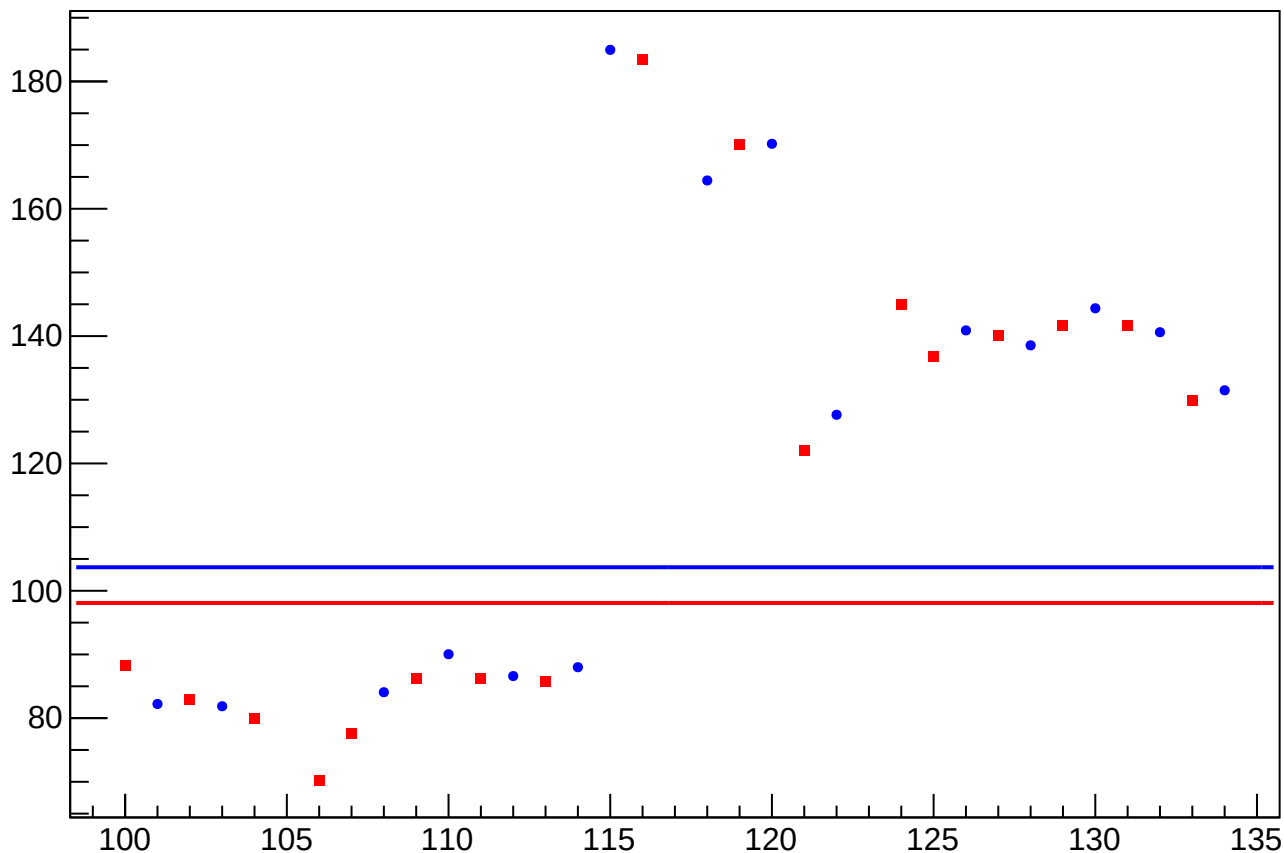
Right: 39.495 ± 28.983 χ^2/NDF : 36.6/31

In: -8.203 ± 42.789 χ^2/NDF : 17.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 39.495 ± 28.983 χ^2/NDF : 36.6/31

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 103.699 $\pm$ 0.030 χ^2 /NDF: 917913.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.085 $\pm$ 0.028 χ^2 /NDF: 1003870.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

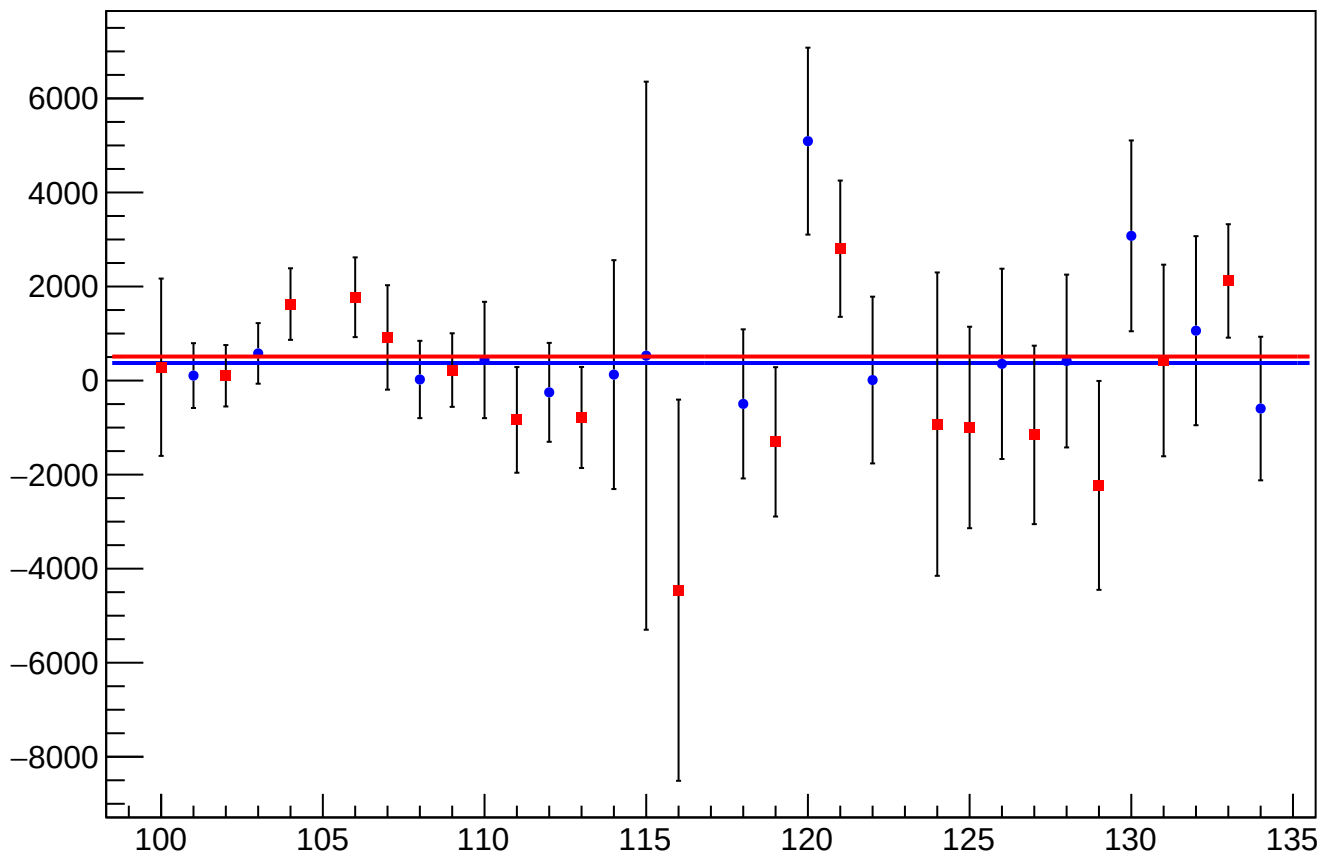
Right: 100.660 $\pm$ 0.020 χ^2 /NDF: 1940415.7/31

In: 103.699 $\pm$ 0.030 χ^2 /NDF:917913.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.660 $\pm$ 0.020 χ^2 /NDF: 1940415.7/31

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 373.776+/-313.438 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.819+/-282.819 χ^2/NDF : 18.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

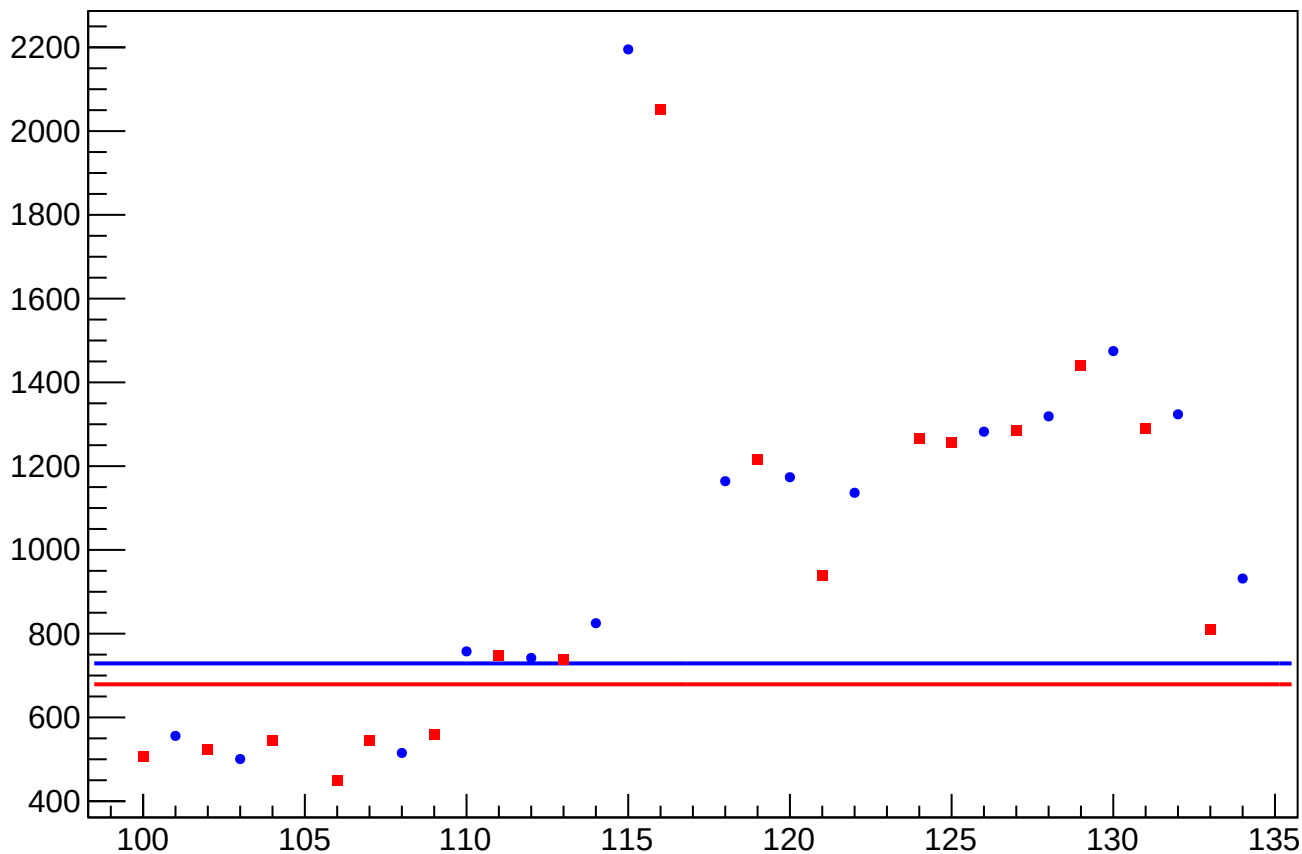
Right: 449.316+/-209.976 χ^2/NDF : 27.2/31

In: 373.776+/-313.438 χ^2/NDF : 9.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.316+/-209.976 χ^2/NDF : 27.2/31

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 728.962+/-0.222 χ^2/NDF : 1836124.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.061+/-0.200 χ^2/NDF : 1803999.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

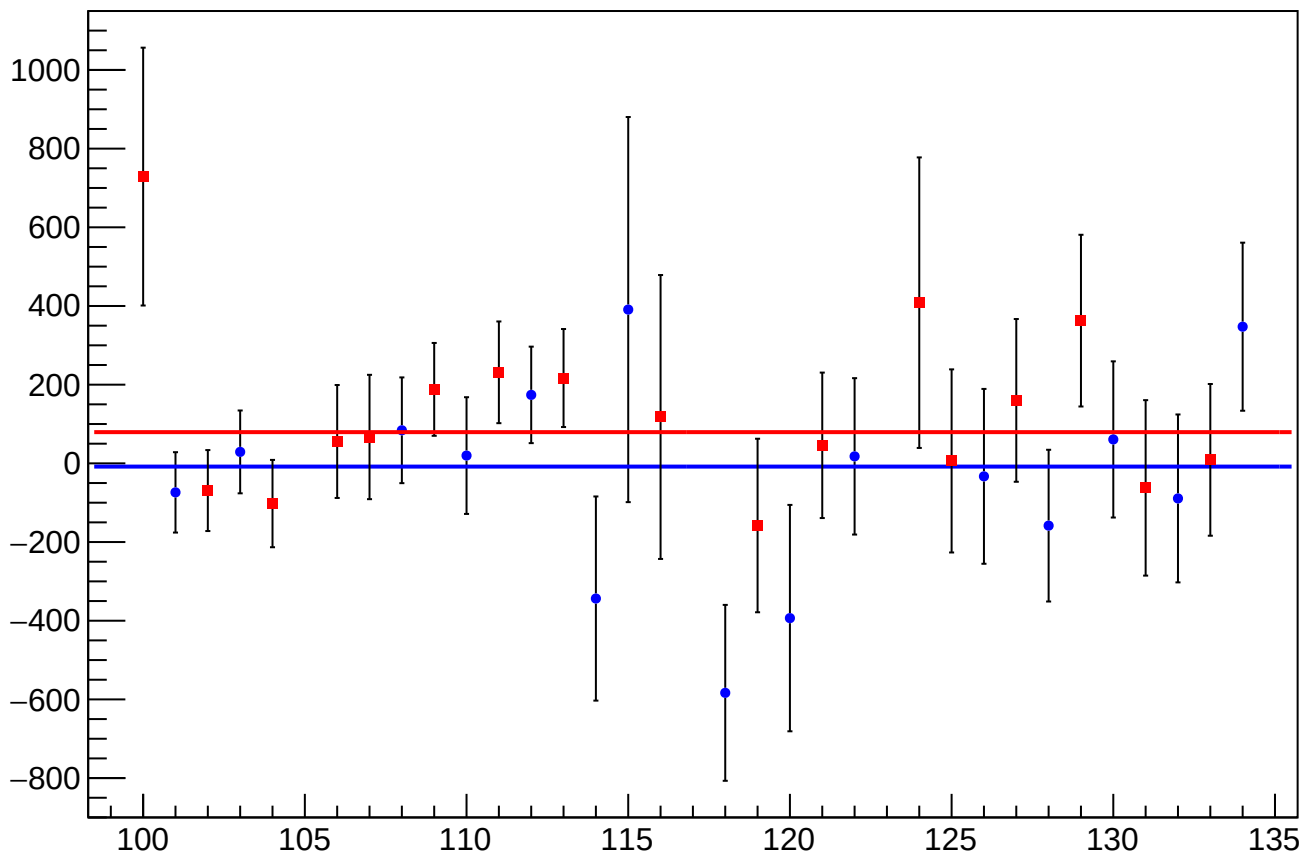
Right: 701.456+/-0.148 χ^2/NDF : 3668066.5/31

In: 728.962+/-0.222 χ^2/NDF : 1836124.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.456+/-0.148 χ^2/NDF : 3668066.5/31

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -8.219+/-42.789 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.351+/-39.399 χ^2/NDF : 16.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

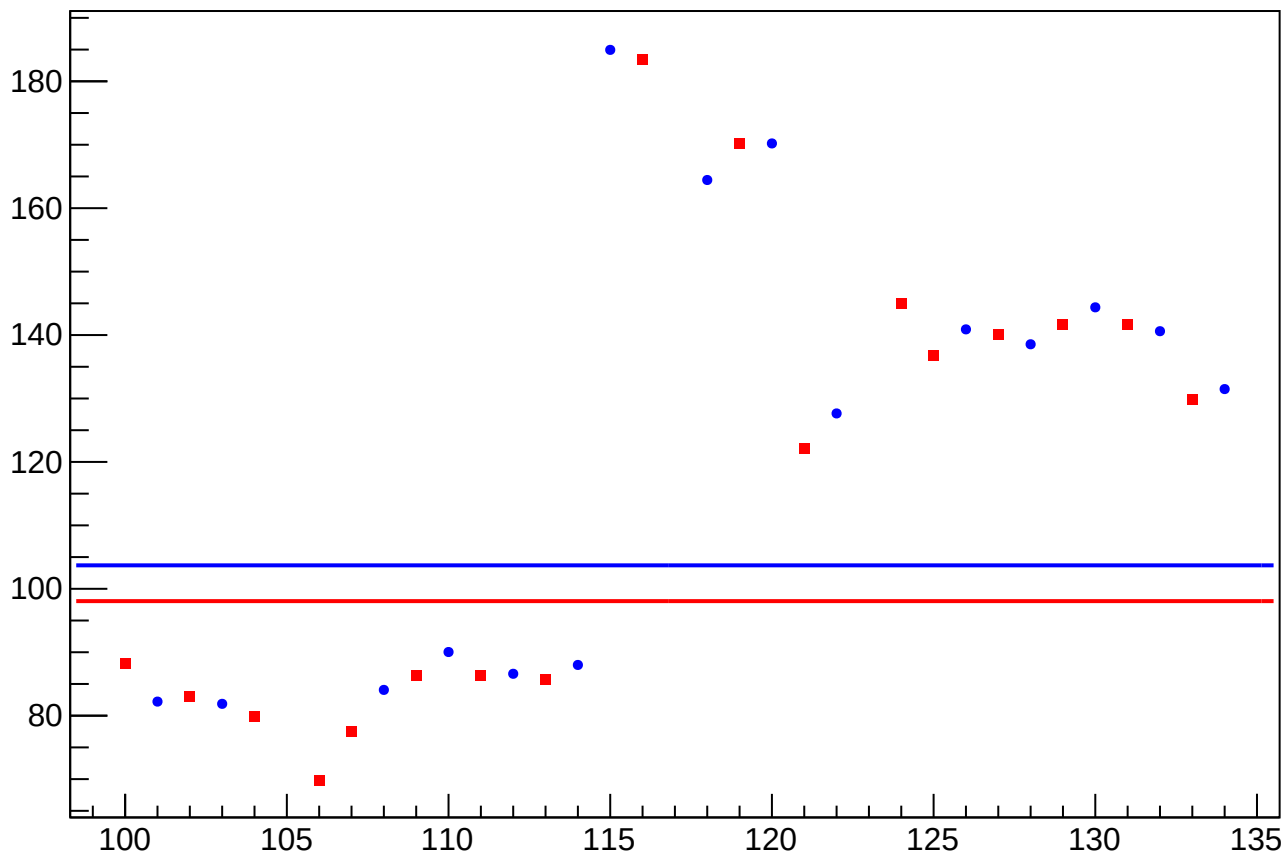
Right: 39.171+/-28.984 χ^2/NDF : 36.6/31

In: -8.219+/-42.789 χ^2/NDF : 17.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.171+/-28.984 χ^2/NDF : 36.6/31

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 103.699+/-0.030 χ^2/NDF : 917912.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.059+/-0.028 χ^2/NDF : 1005962.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

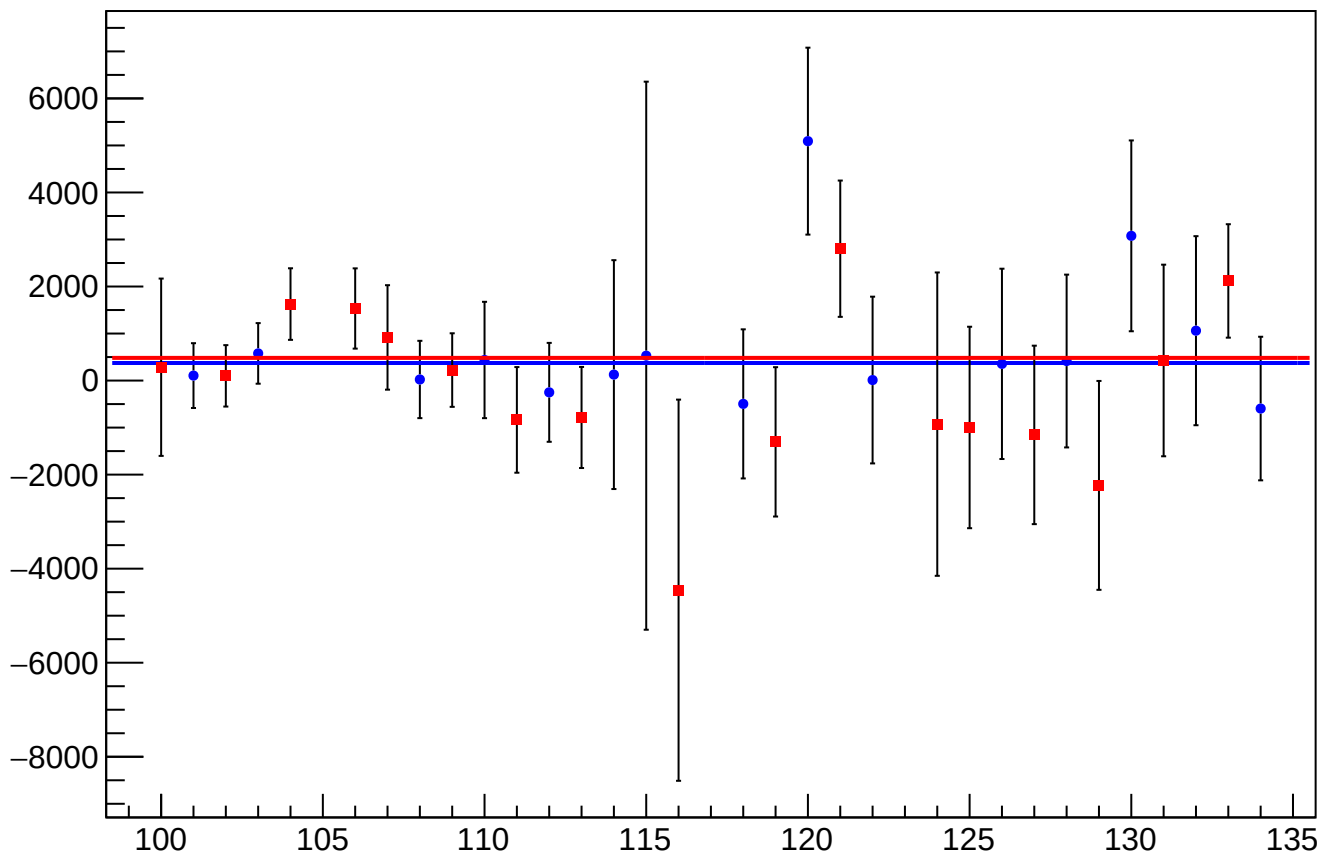
Right: 100.646+/-0.020 χ^2/NDF : 1942678.8/31

In: 103.699+/-0.030 χ^2/NDF : 917912.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.646+/-0.020 χ^2/NDF : 1942678.8/31

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 373.777 $\pm$ 313.438 χ^2 /NDF: 9.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 482.380 $\pm$ 283.025 χ^2 /NDF: 17.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

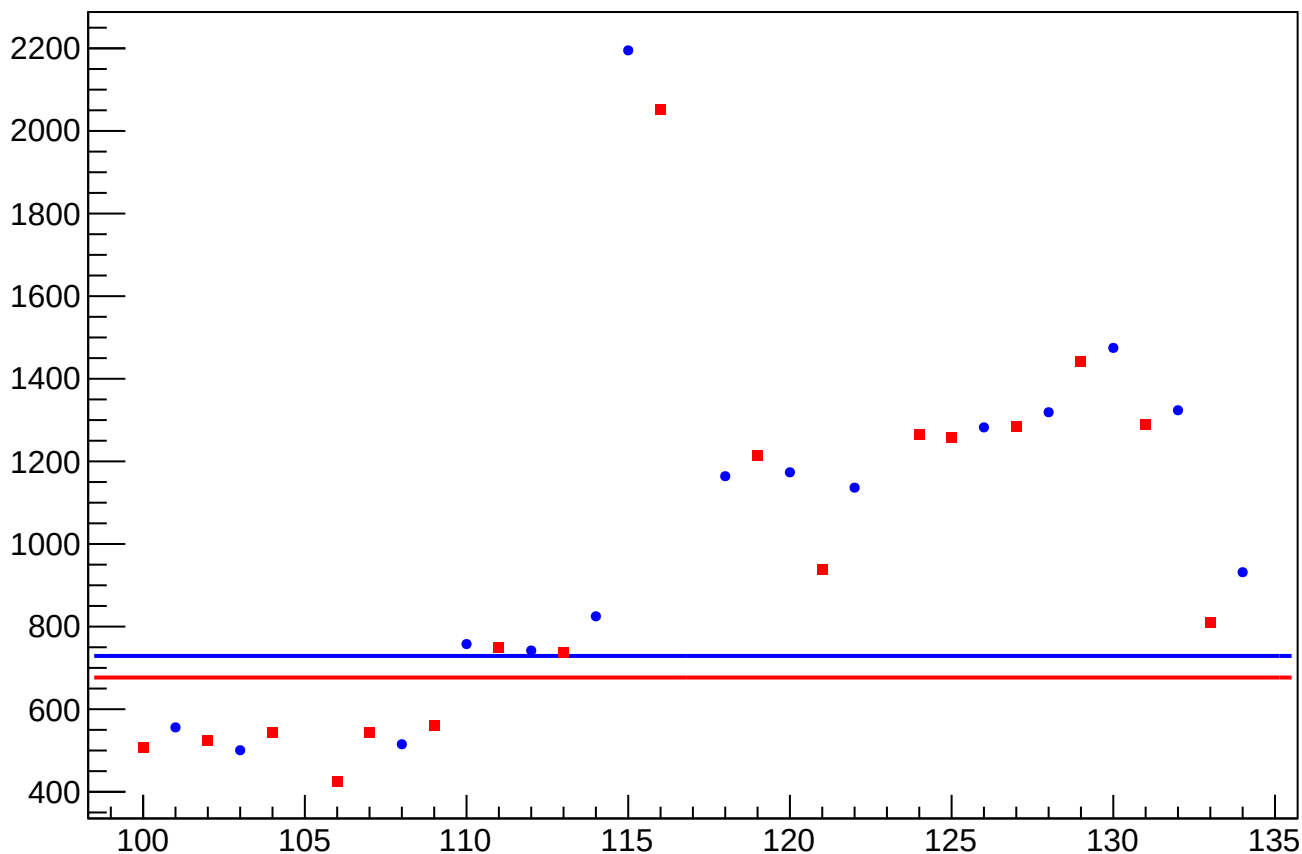
Right: 433.601 $\pm$ 210.060 χ^2 /NDF: 26.4/31

In: 373.777 $\pm$ 313.438 χ^2 /NDF:9.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 433.601 $\pm$ 210.060 χ^2 /NDF: 26.4/31

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 728.962+/-0.222 χ^2/NDF : 1836126.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 676.712+/-0.200 χ^2/NDF : 1834386.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

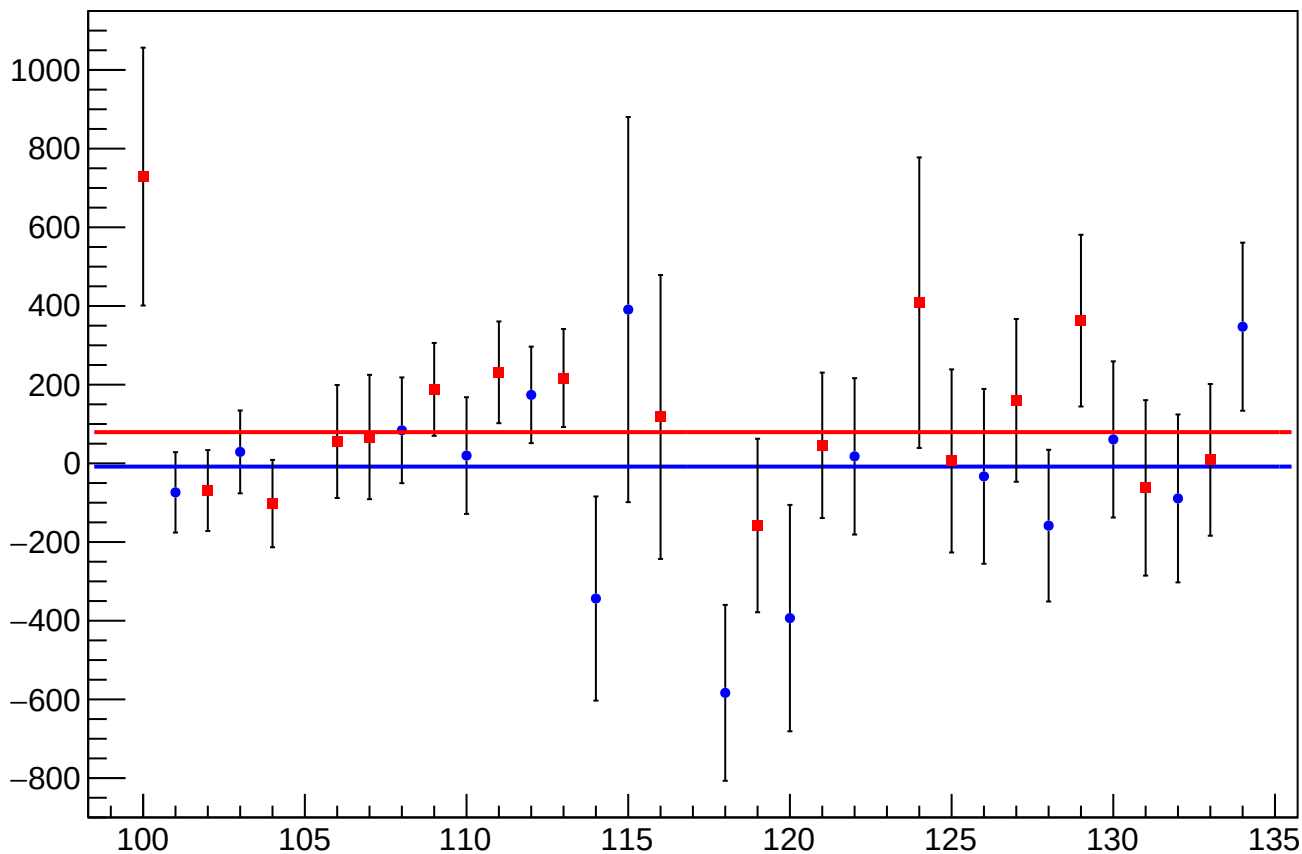
Right: 700.180+/-0.149 χ^2/NDF : 3701127.4/31

In: 728.962+/-0.222 χ^2/NDF : 1836126.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.180+/-0.149 χ^2/NDF : 3701127.4/31

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -8.219+/-42.789 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.351+/-39.399 χ^2/NDF : 16.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

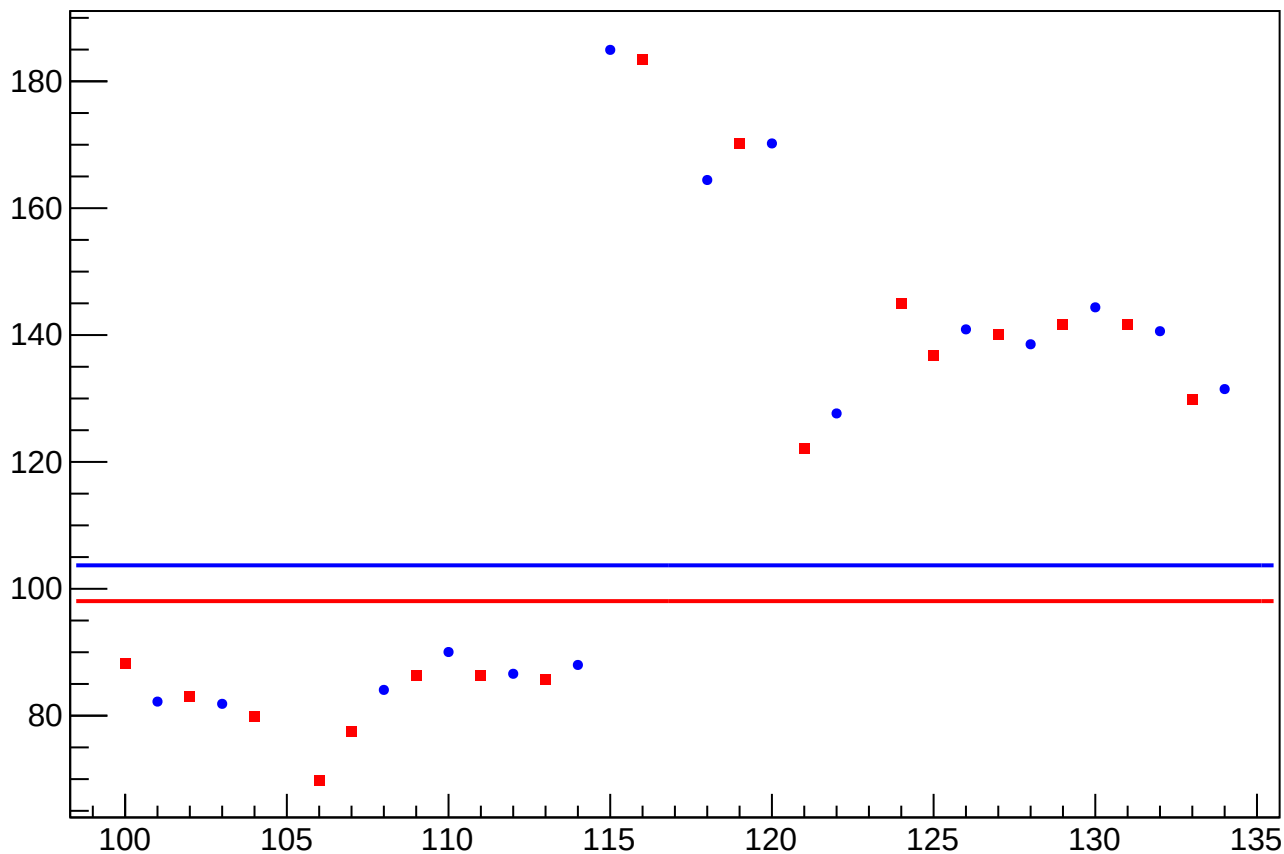
Right: 39.171+/-28.984 χ^2/NDF : 36.6/31

In: -8.219+/-42.789 χ^2/NDF : 17.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.171+/-28.984 χ^2/NDF : 36.6/31

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 103.699+/-0.030 χ^2/NDF : 917912.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.059+/-0.028 χ^2/NDF : 1005962.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

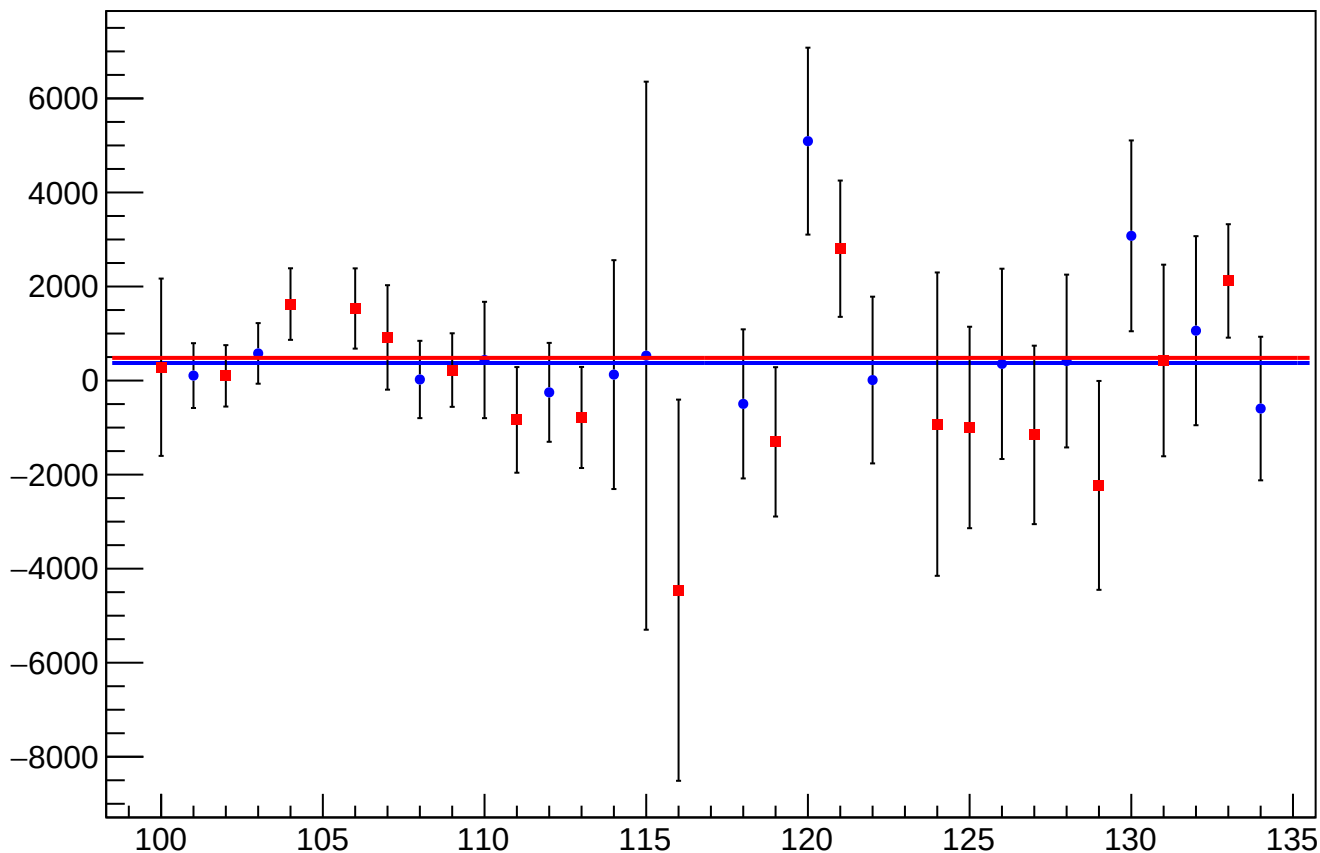
Right: 100.646+/-0.020 χ^2/NDF : 1942678.8/31

In: 103.699+/-0.030 χ^2/NDF : 917912.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.646+/-0.020 χ^2/NDF : 1942678.8/31

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 373.777 $\pm$ 313.438 χ^2 /NDF: 9.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 482.380 $\pm$ 283.025 χ^2 /NDF: 17.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

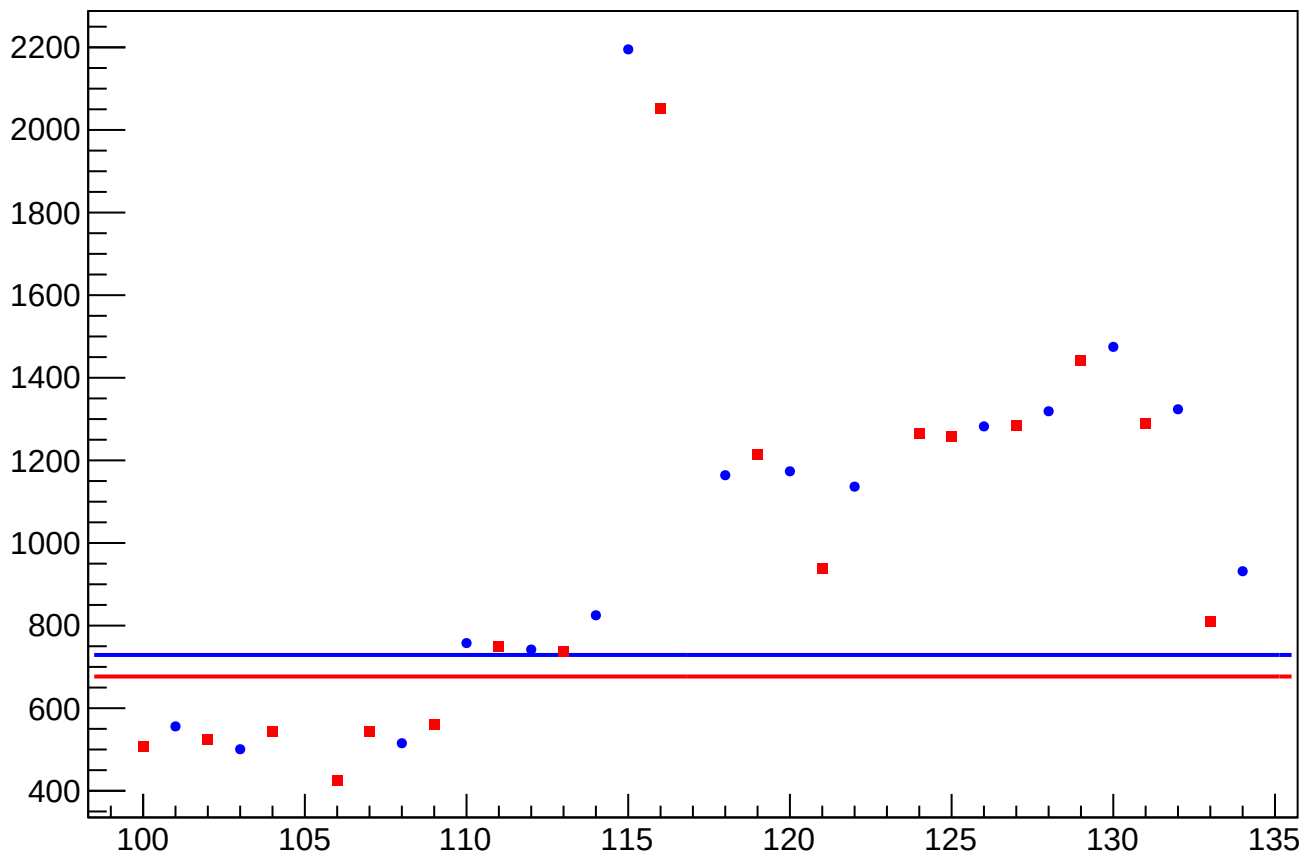
Right: 433.601 $\pm$ 210.060 χ^2 /NDF: 26.4/31

In: 373.777 $\pm$ 313.438 χ^2 /NDF:9.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 433.601 $\pm$ 210.060 χ^2 /NDF: 26.4/31

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 728.962+/-0.222 χ^2/NDF : 1836126.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 676.712+/-0.200 χ^2/NDF : 1834386.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

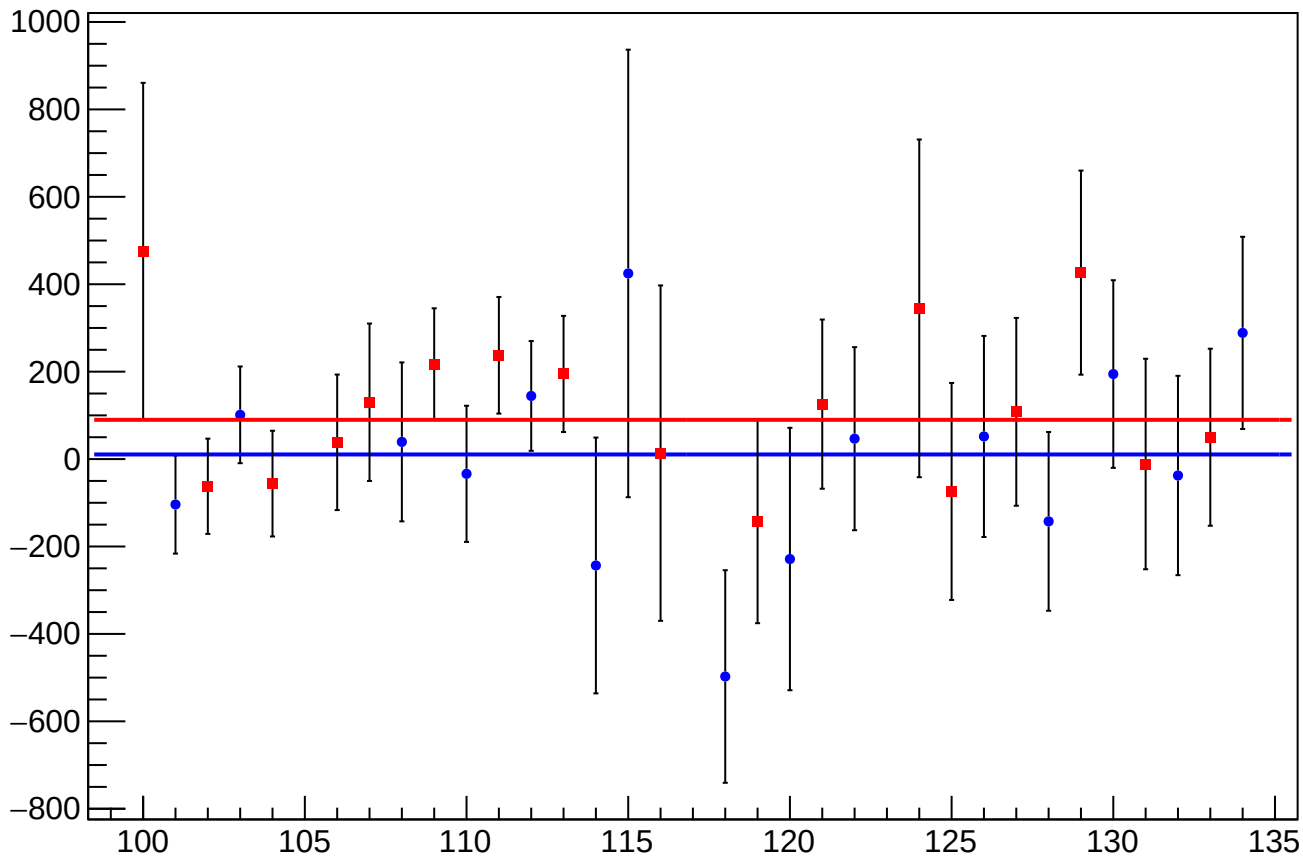
Right: 700.180+/-0.149 χ^2/NDF : 3701127.4/31

In: 728.962+/-0.222 χ^2/NDF : 1836126.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.180+/-0.149 χ^2/NDF : 3701127.4/31

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 10.582 $\pm$ 46.300 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.811 $\pm$ 42.172 χ^2 /NDF: 11.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

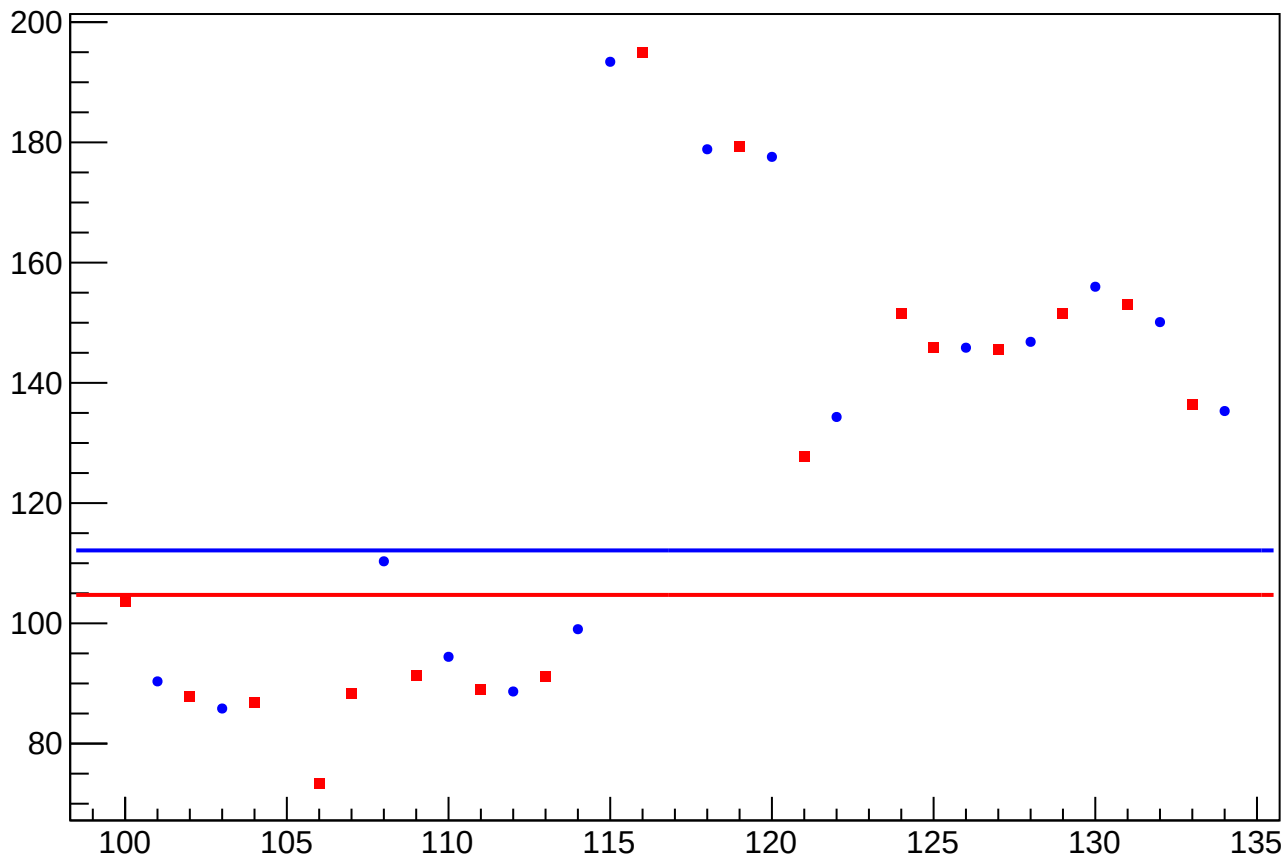
Right: 53.885 $\pm$ 31.178 χ^2 /NDF: 25.6/31

In: 10.582 $\pm$ 46.300 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.885 $\pm$ 31.178 χ^2 /NDF: 25.6/31

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 112.131+/-0.033 χ^2/NDF : 868278.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 104.729+/-0.030 χ^2/NDF : 971211.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

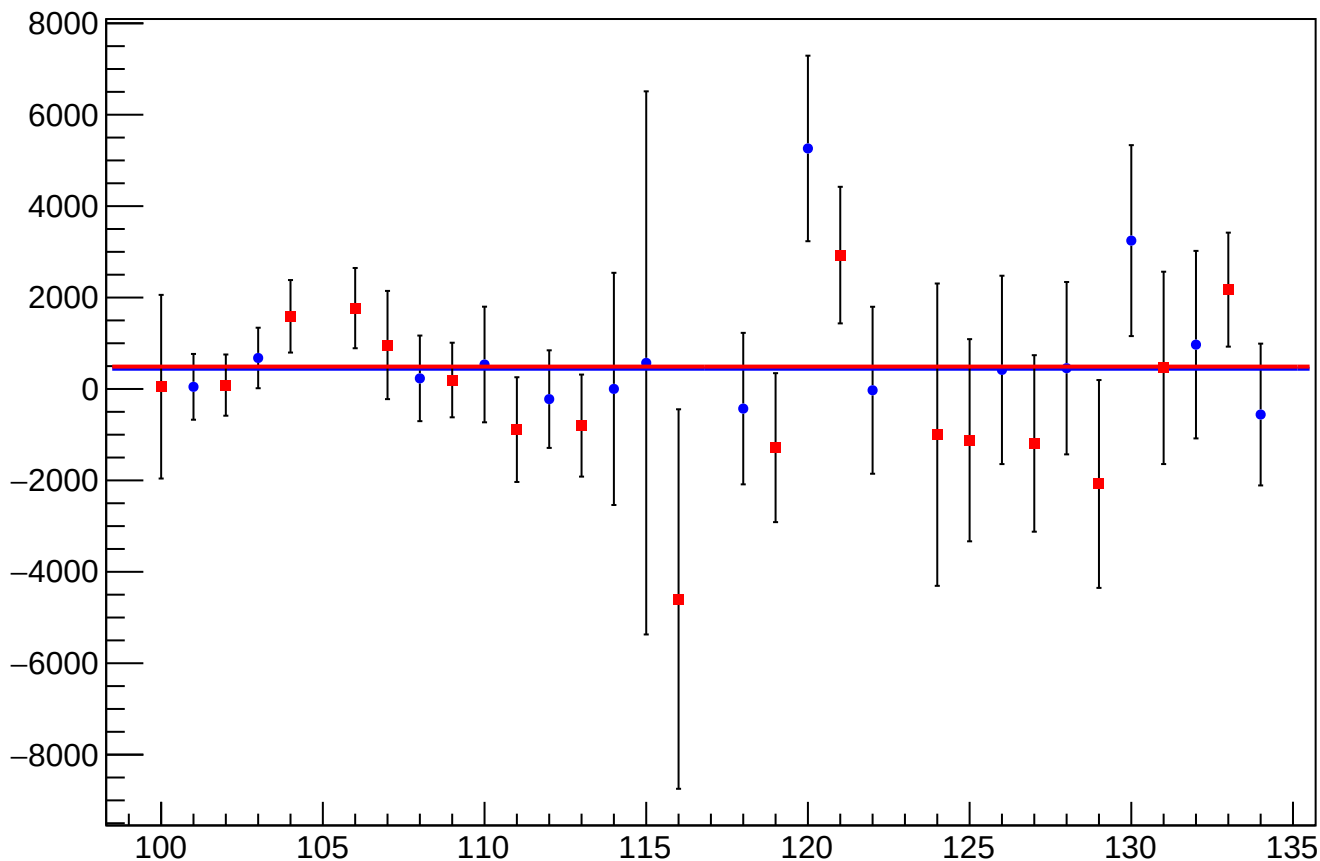
Right: 108.085+/-0.022 χ^2/NDF : 1867428.8/31

In: 112.131+/-0.033 χ^2/NDF :868278.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.085+/-0.022 χ^2/NDF : 1867428.8/31

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 443.098 $\pm$ 327.099 χ^2 /NDF: 9.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 489.549 $\pm$ 292.936 χ^2 /NDF: 17.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

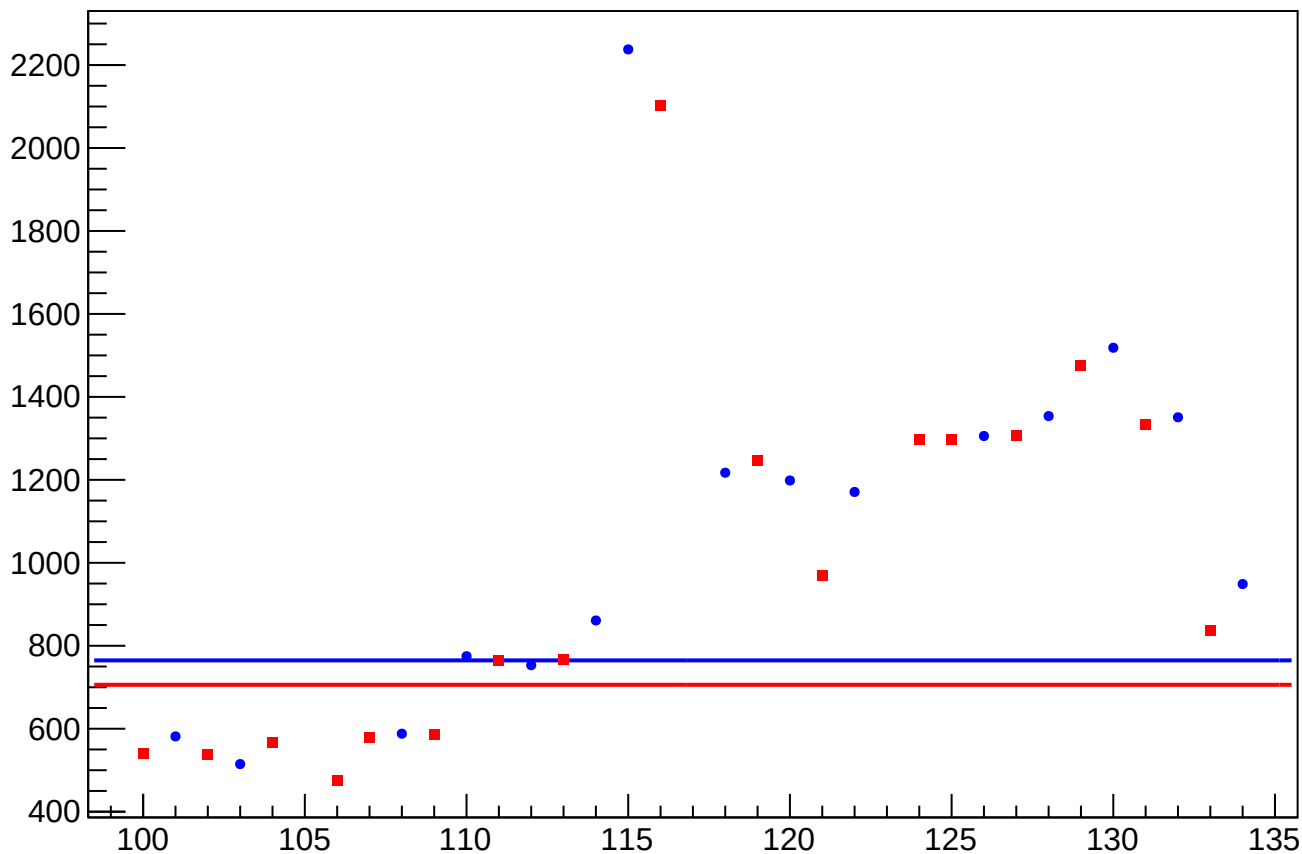
Right: 468.875 $\pm$ 218.219 χ^2 /NDF: 26.7/31

In: 443.098 $\pm$ 327.099 χ^2 /NDF:9.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.875 $\pm$ 218.219 χ^2 /NDF: 26.7/31

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 764.780+/-0.231 χ^2/NDF : 1736622.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 705.944+/-0.207 χ^2/NDF : 1755238.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

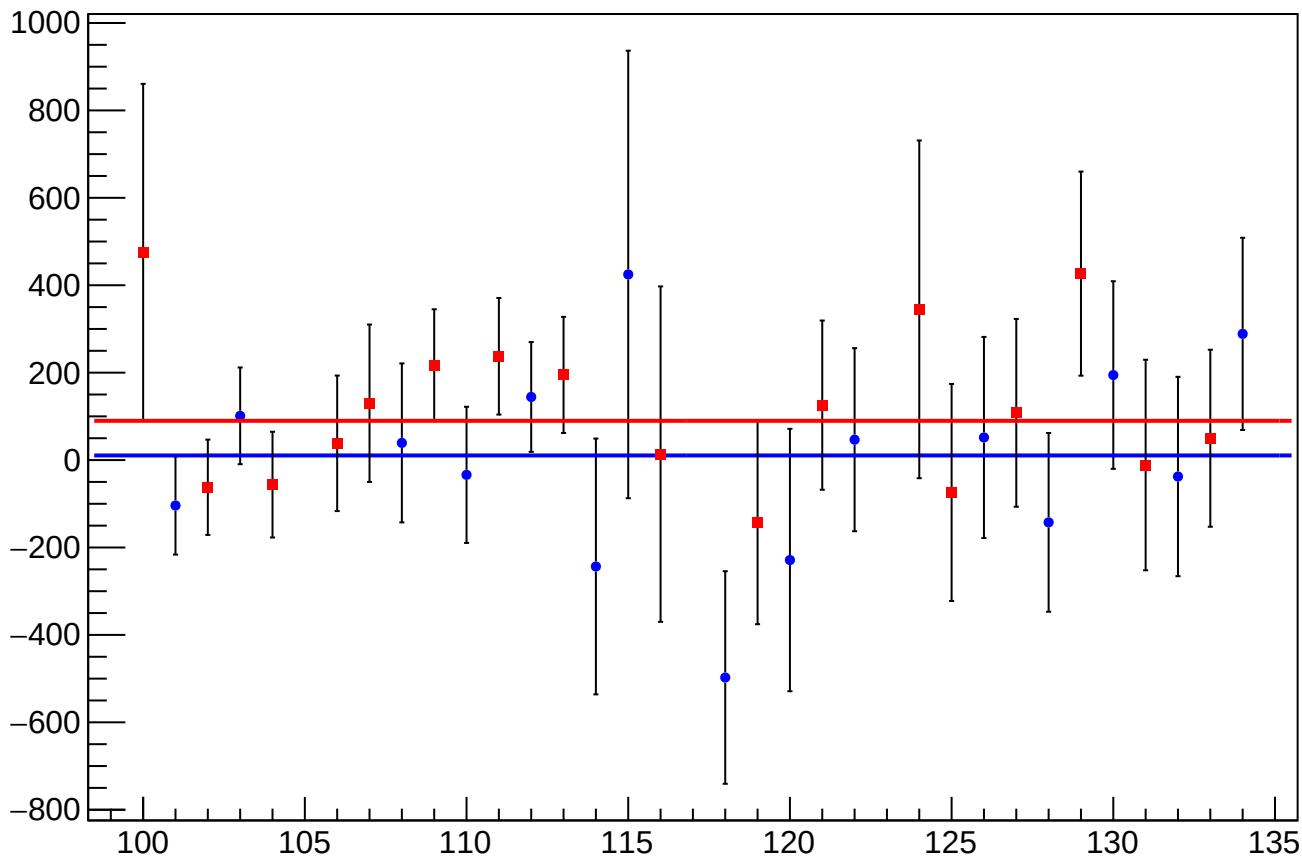
Right: 732.130+/-0.154 χ^2/NDF : 3527771.1/31

In: 764.780+/-0.231 χ^2/NDF :1736622.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 732.130+/-0.154 χ^2/NDF : 3527771.1/31

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 10.581+/-46.300 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.812+/-42.172 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

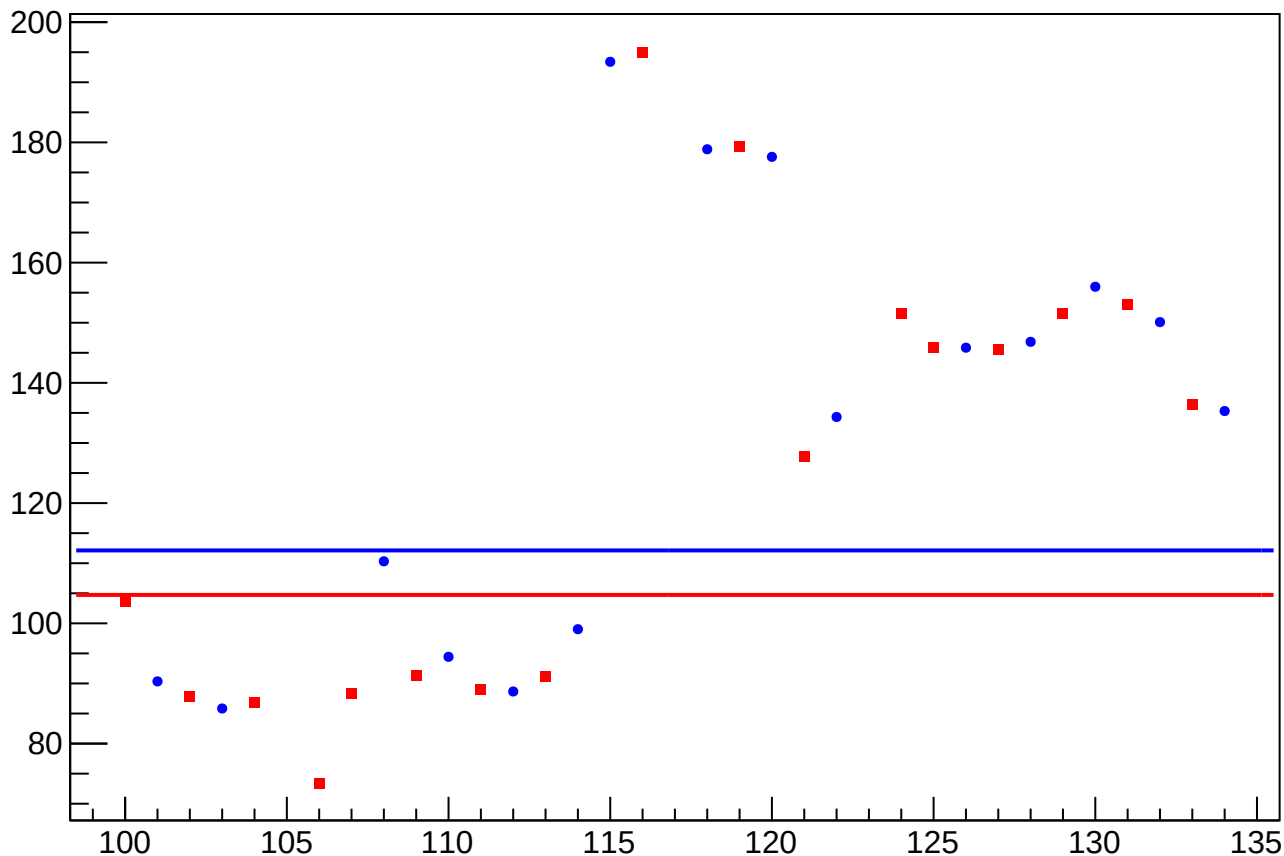
Right: 53.884+/-31.177 χ^2/NDF : 25.6/31

In: 10.581+/-46.300 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.884+/-31.177 χ^2/NDF : 25.6/31

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 112.131+/-0.033 χ^2/NDF : 868273.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 104.729+/-0.030 χ^2/NDF : 971201.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

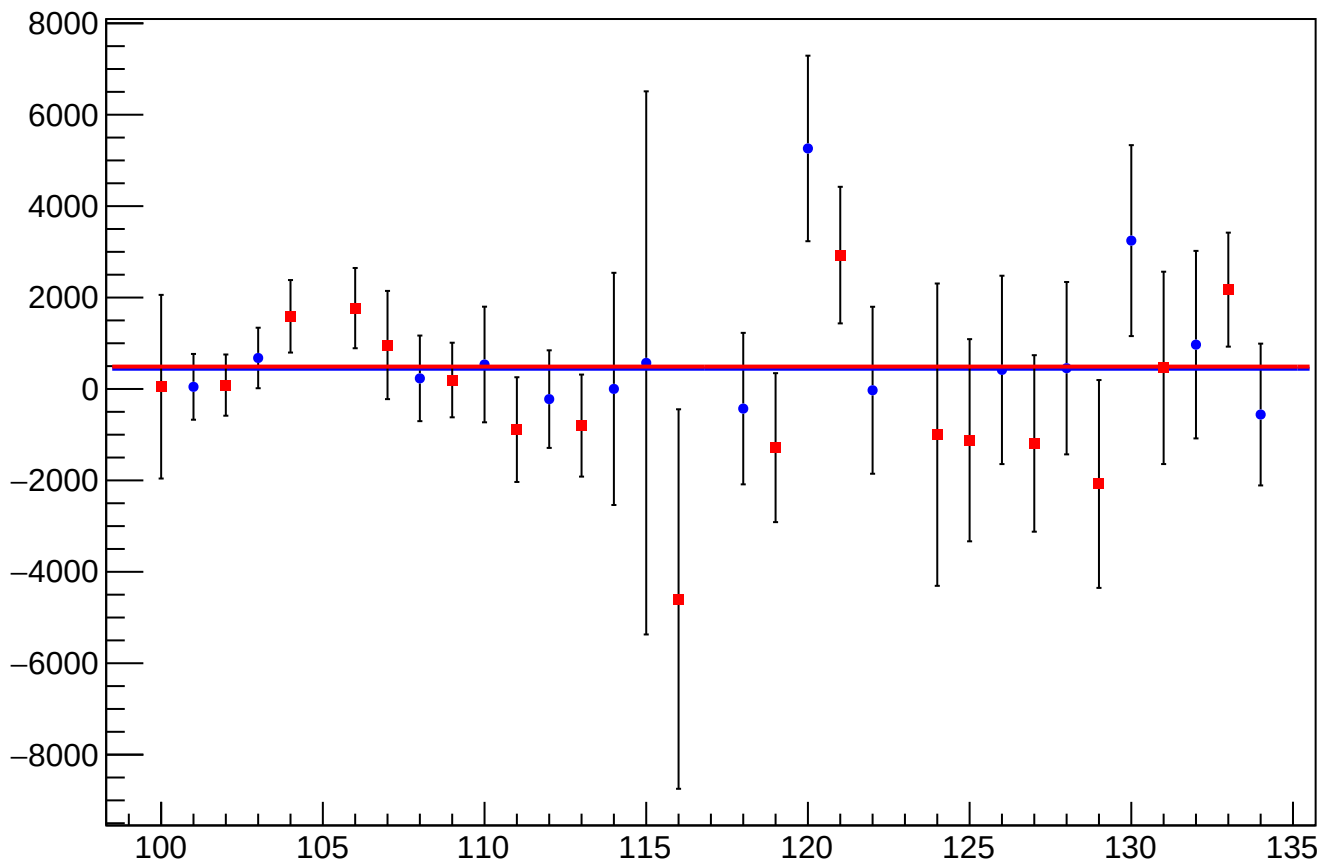
Right: 108.085+/-0.022 χ^2/NDF : 1867412.6/31

In: 112.131+/-0.033 χ^2/NDF :868273.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.085+/-0.022 χ^2/NDF : 1867412.6/31

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 443.097 $\pm$ 327.098 χ^2 /NDF: 9.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 489.549 $\pm$ 292.936 χ^2 /NDF: 17.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

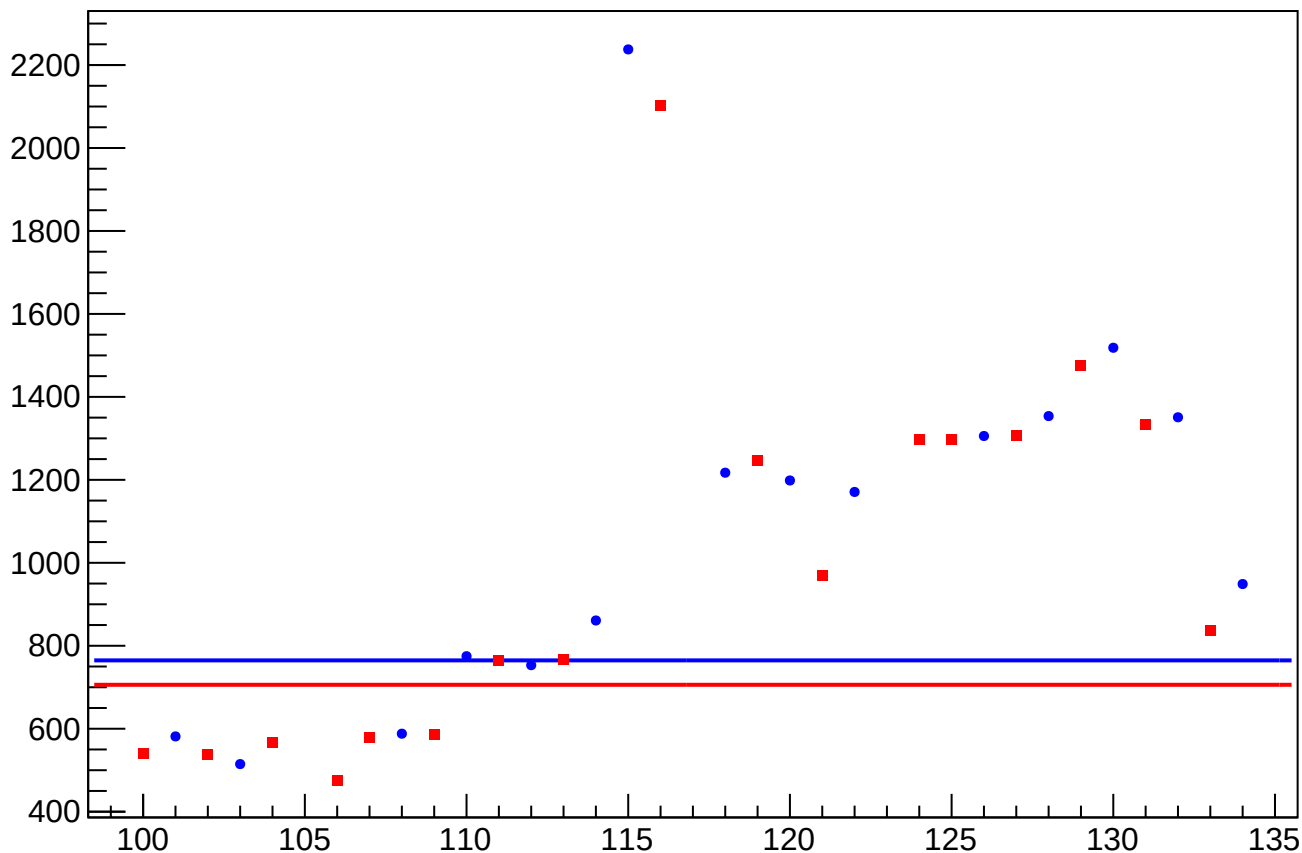
Right: 468.875 $\pm$ 218.219 χ^2 /NDF: 26.7/31

In: 443.097 $\pm$ 327.098 χ^2 /NDF:9.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.875 $\pm$ 218.219 χ^2 /NDF: 26.7/31

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 764.780+/-0.231 χ^2/NDF : 1736619.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 705.943+/-0.207 χ^2/NDF : 1755233.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

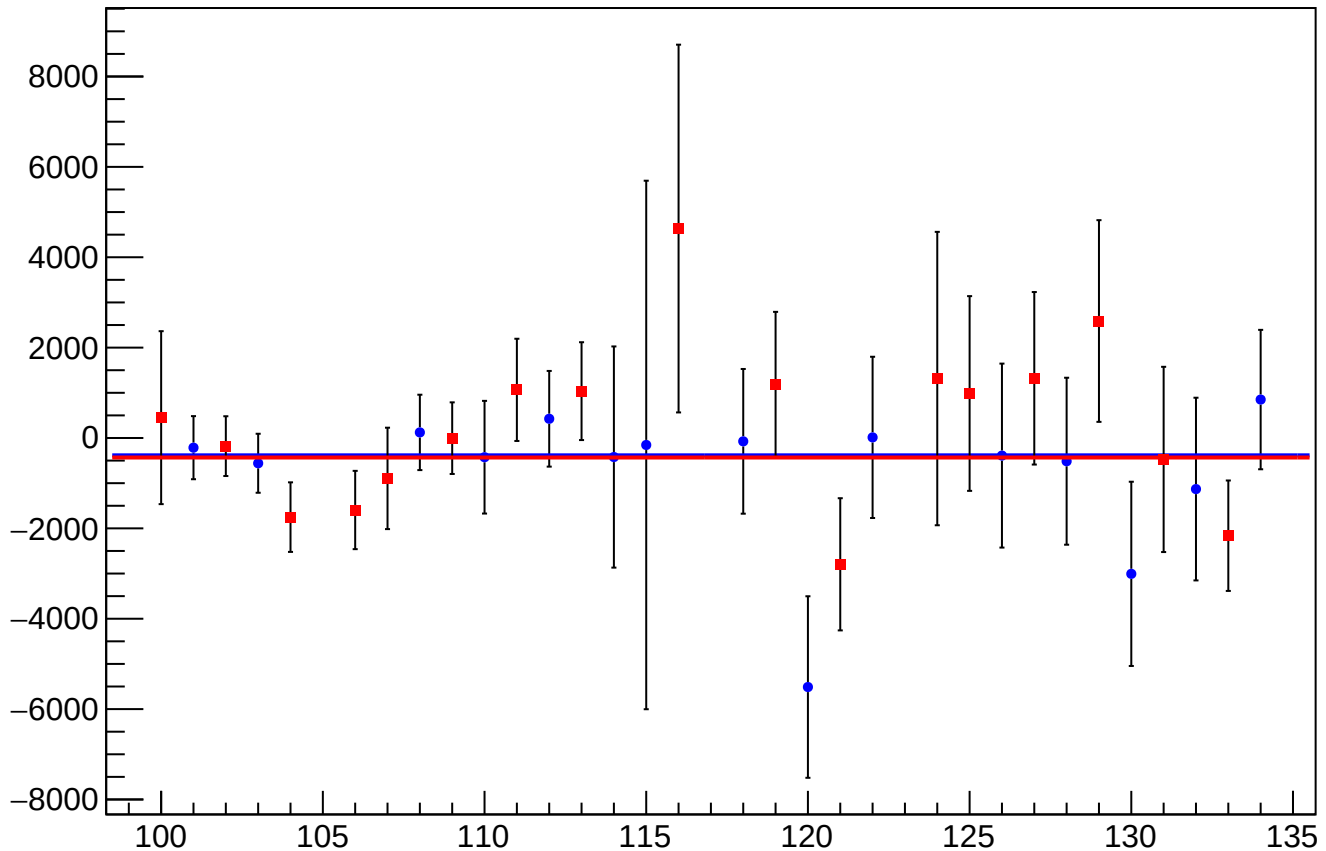
Right: 732.129+/-0.154 χ^2/NDF : 3527762.5/31

In: 764.780+/-0.231 χ^2/NDF :1736619.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 732.129+/-0.154 χ^2/NDF : 3527762.5/31

asym_sam5_mean vs Slug, Sign Corrected



Right In: -383.740 ± 316.901 χ^2/NDF : 10.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -431.933 ± 286.184 χ^2/NDF : 19.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

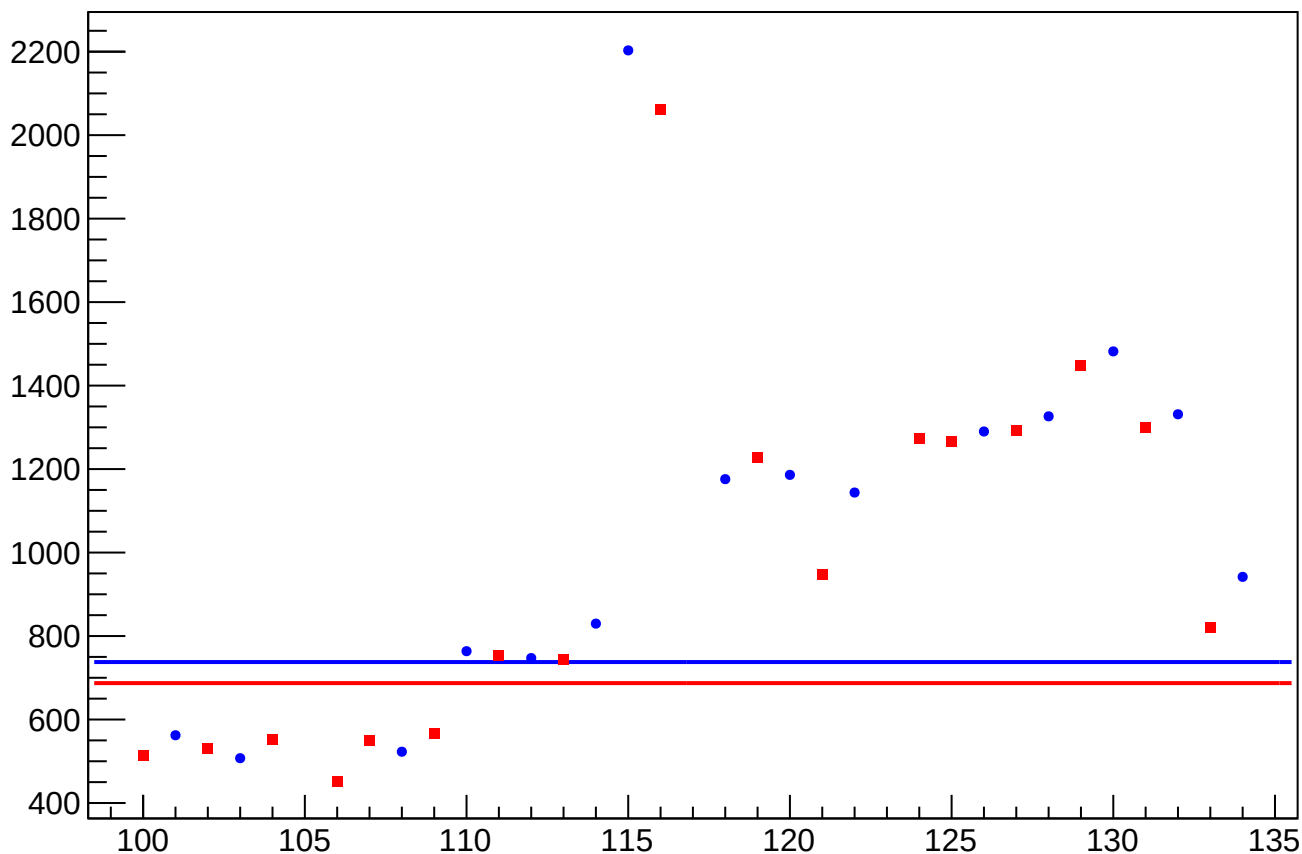
Right: -410.285 ± 212.394 χ^2/NDF : 29.9/31

In: -383.740 ± 316.901 χ^2/NDF : 10.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -410.285 ± 212.394 χ^2/NDF : 29.9/31

asym_sam5_rms vs Slug, Sign Corrected



Right In: 737.680+/-0.224 χ^2/NDF : 1814409.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 687.205+/-0.202 χ^2/NDF : 1788584.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

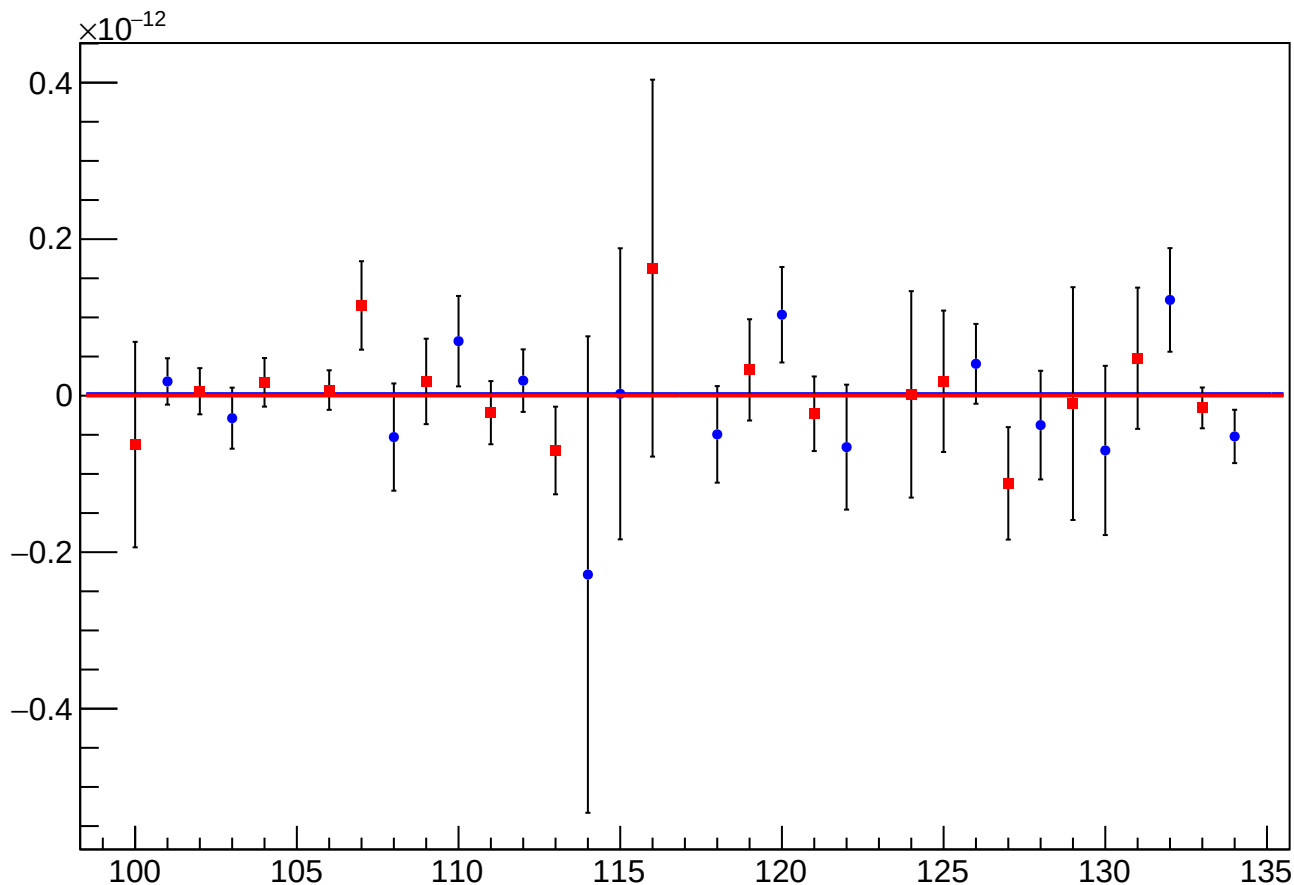
Right: 709.878+/-0.150 χ^2/NDF : 3630939.9/31

In: 737.680+/-0.224 χ^2/NDF :1814409.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 709.878+/-0.150 χ^2/NDF : 3630939.9/31

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

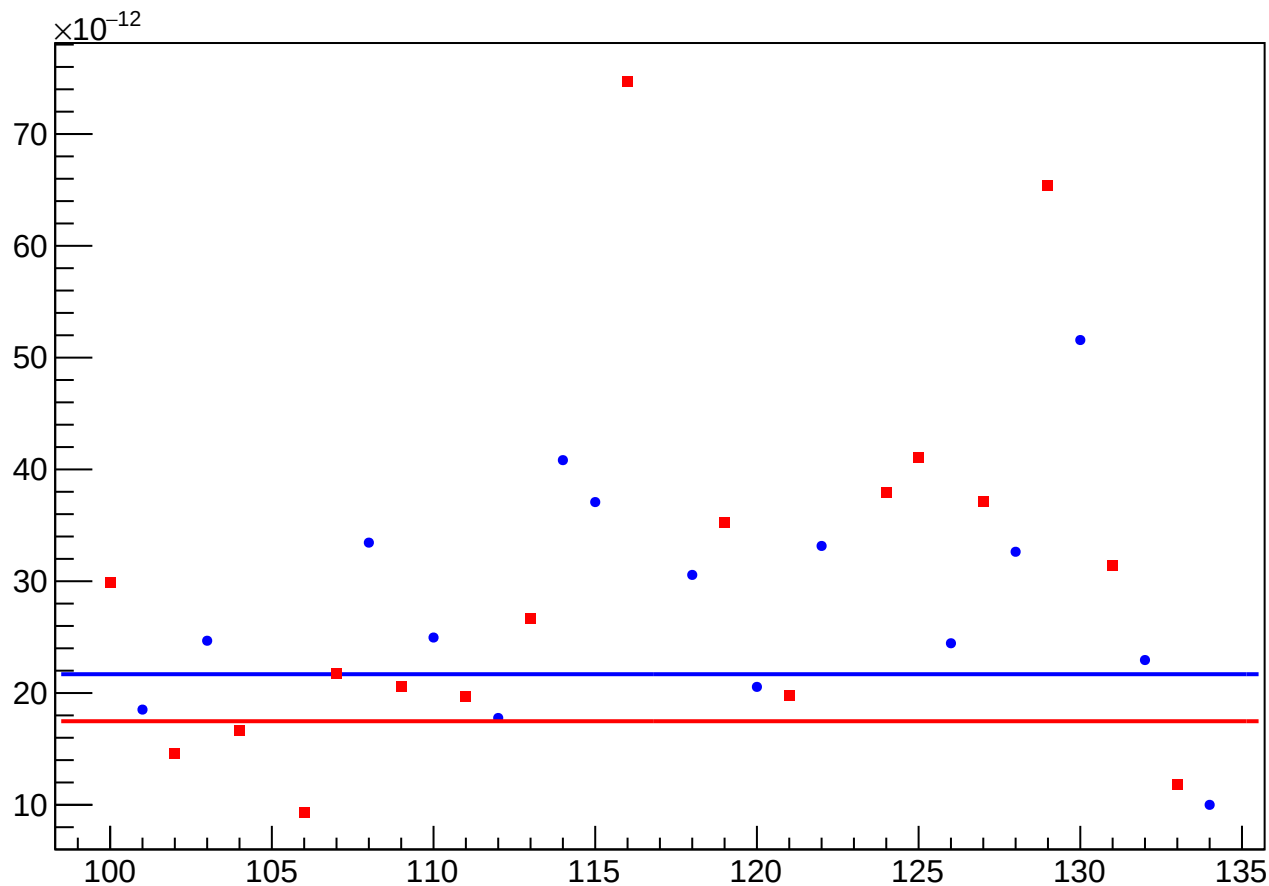
Right: 0.000+/-0.000 χ^2/NDF : 25.9/31

In: 0.000+/-0.000 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.9/31

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 668608.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1278463.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

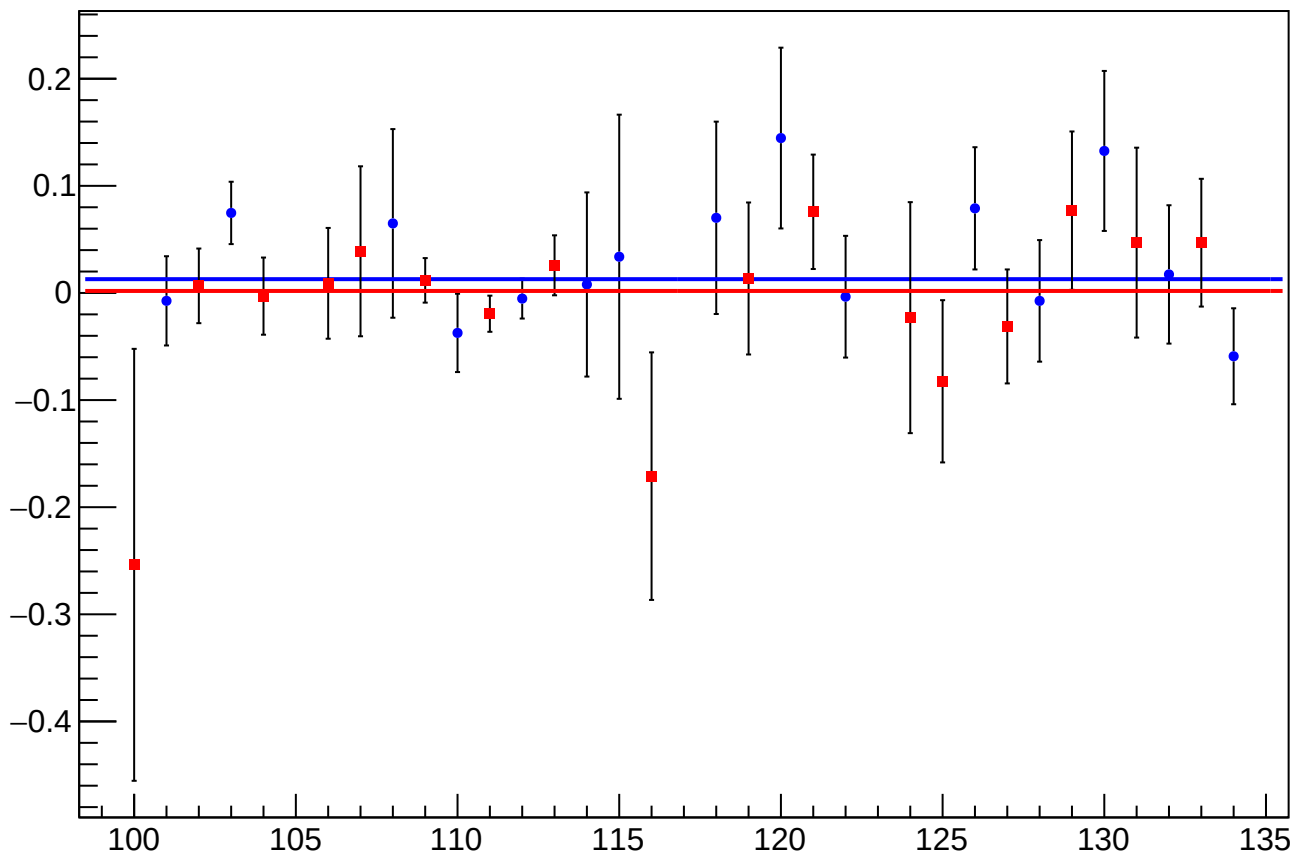
Right: 0.000+/-0.000 χ^2/NDF : 2062042.1/31

In: 0.000+/-0.000 χ^2/NDF : 668608.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2062042.1/31

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.011 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.009 χ^2 /NDF: 12.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

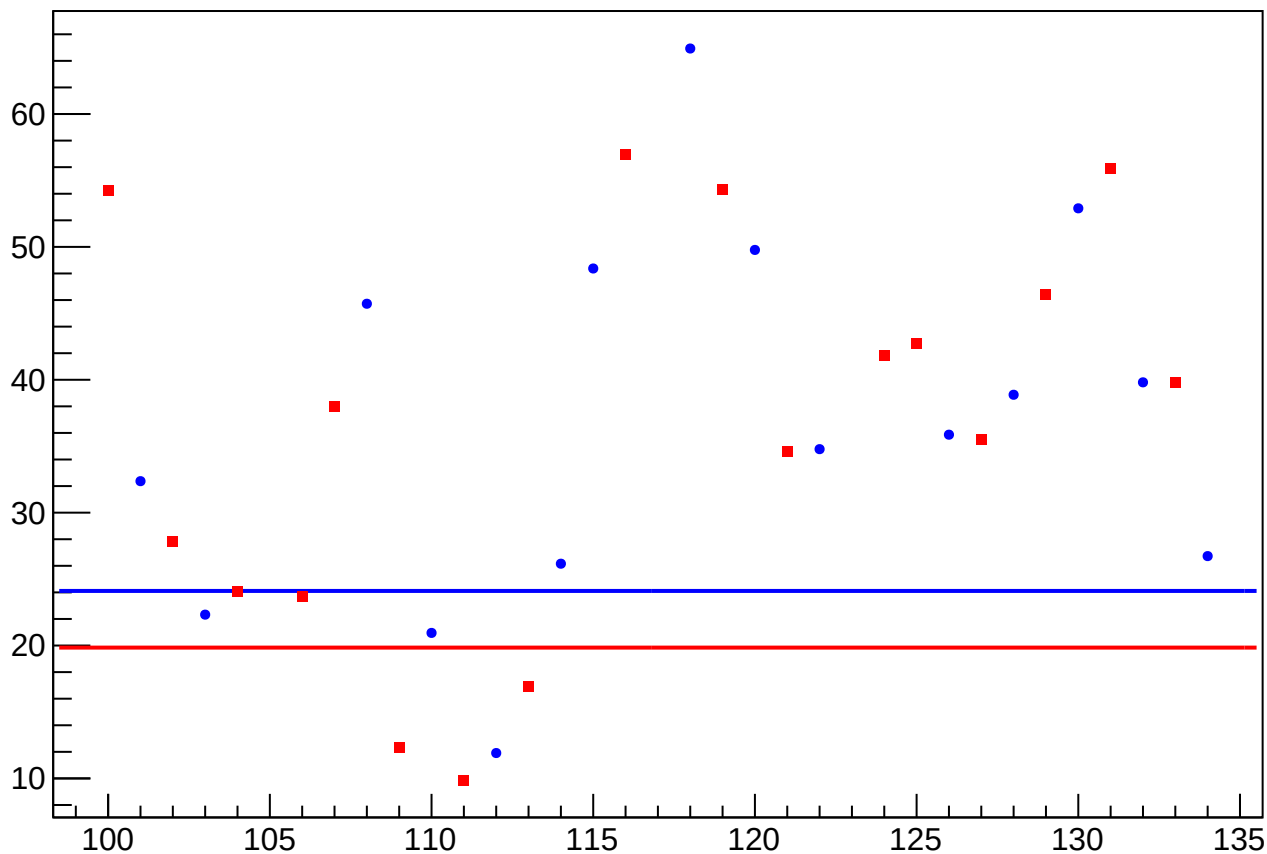
Right: 0.006 $\pm$ 0.007 χ^2 /NDF: 30.2/31

In: 0.013 $\pm$ 0.011 χ^2 /NDF:17.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.007 χ^2 /NDF: 30.2/31

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.109+/-0.008 χ^2/NDF : 2458213.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.845+/-0.007 χ^2/NDF : 3377956.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

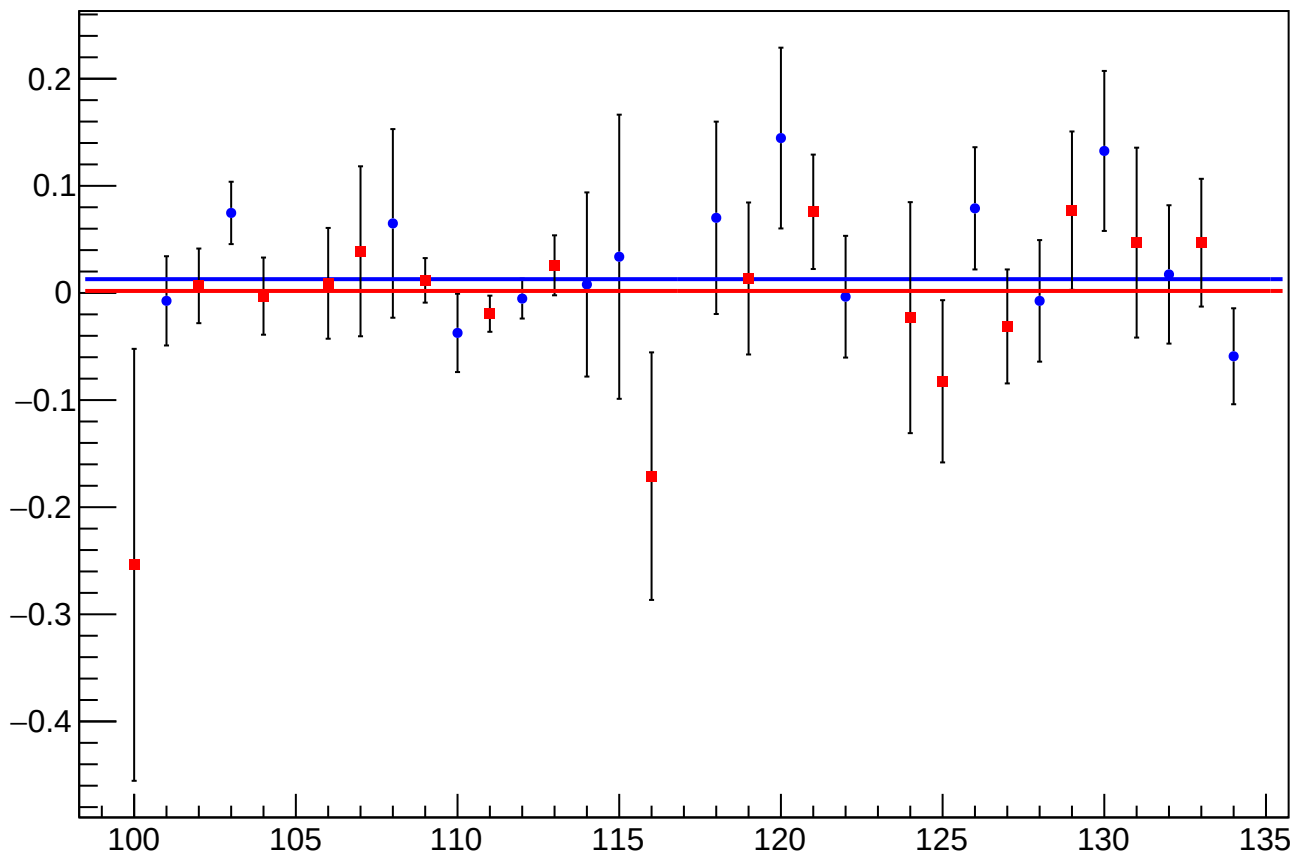
Right: 21.608+/-0.005 χ^2/NDF : 6002892.2/31

In: 24.109+/-0.008 χ^2/NDF :2458213.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002892.2/31

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.011 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.009 χ^2 /NDF: 12.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

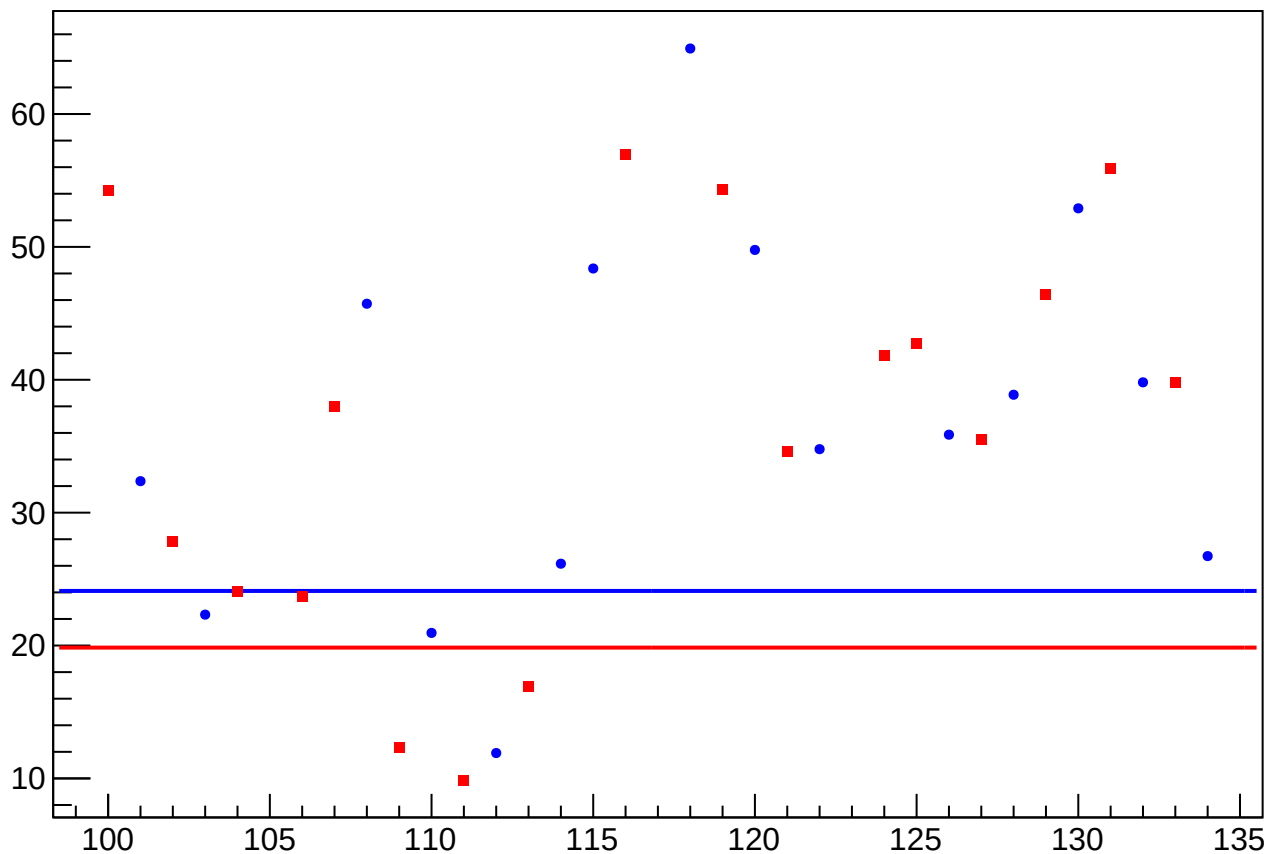
Right: 0.006 $\pm$ 0.007 χ^2 /NDF: 30.2/31

In: 0.013 $\pm$ 0.011 χ^2 /NDF:17.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.007 χ^2 /NDF: 30.2/31

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.109+/-0.008 χ^2/NDF : 2458213.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.845+/-0.007 χ^2/NDF : 3377956.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

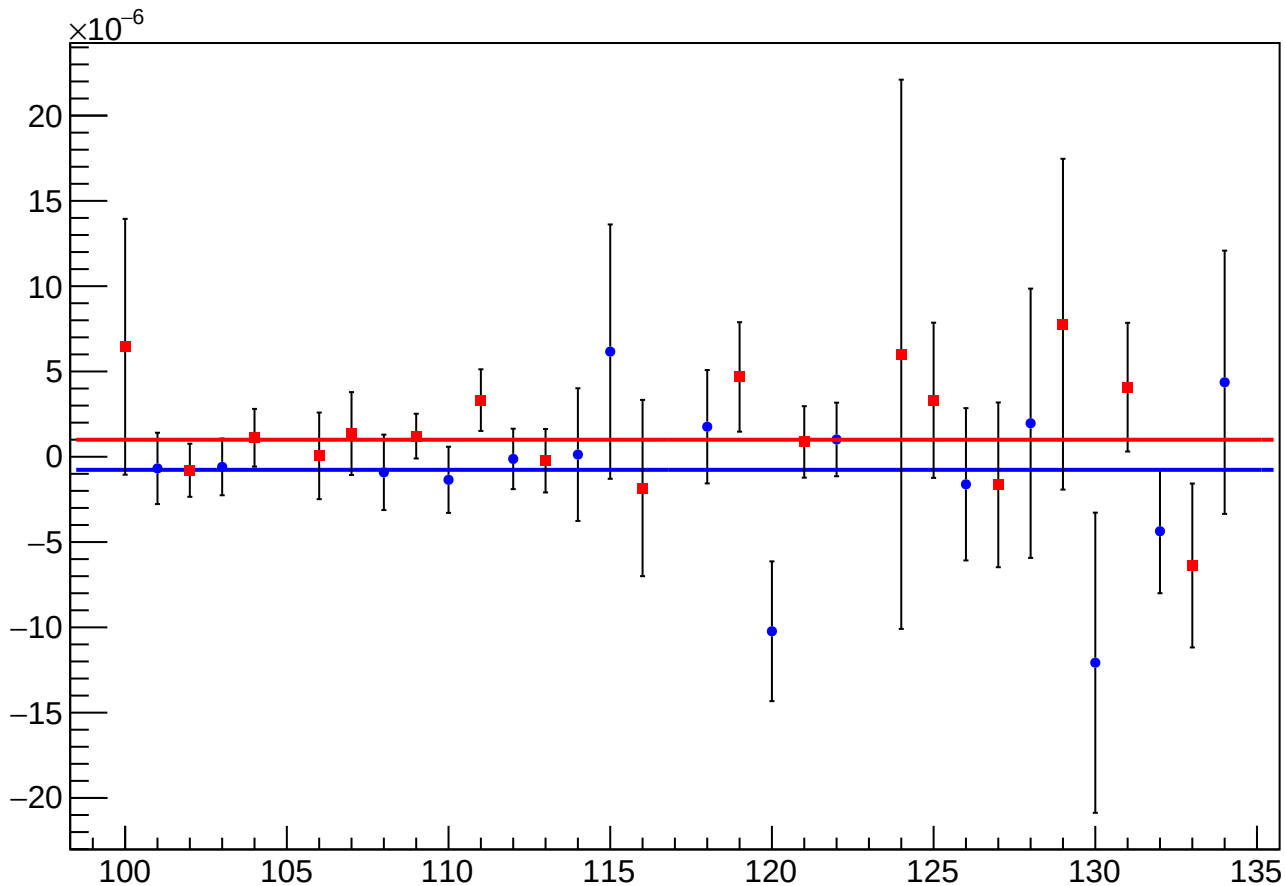
Right: 21.608+/-0.005 χ^2/NDF : 6002892.2/31

In: 24.109+/-0.008 χ^2/NDF : 2458213.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002892.2/31

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 11.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 9.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

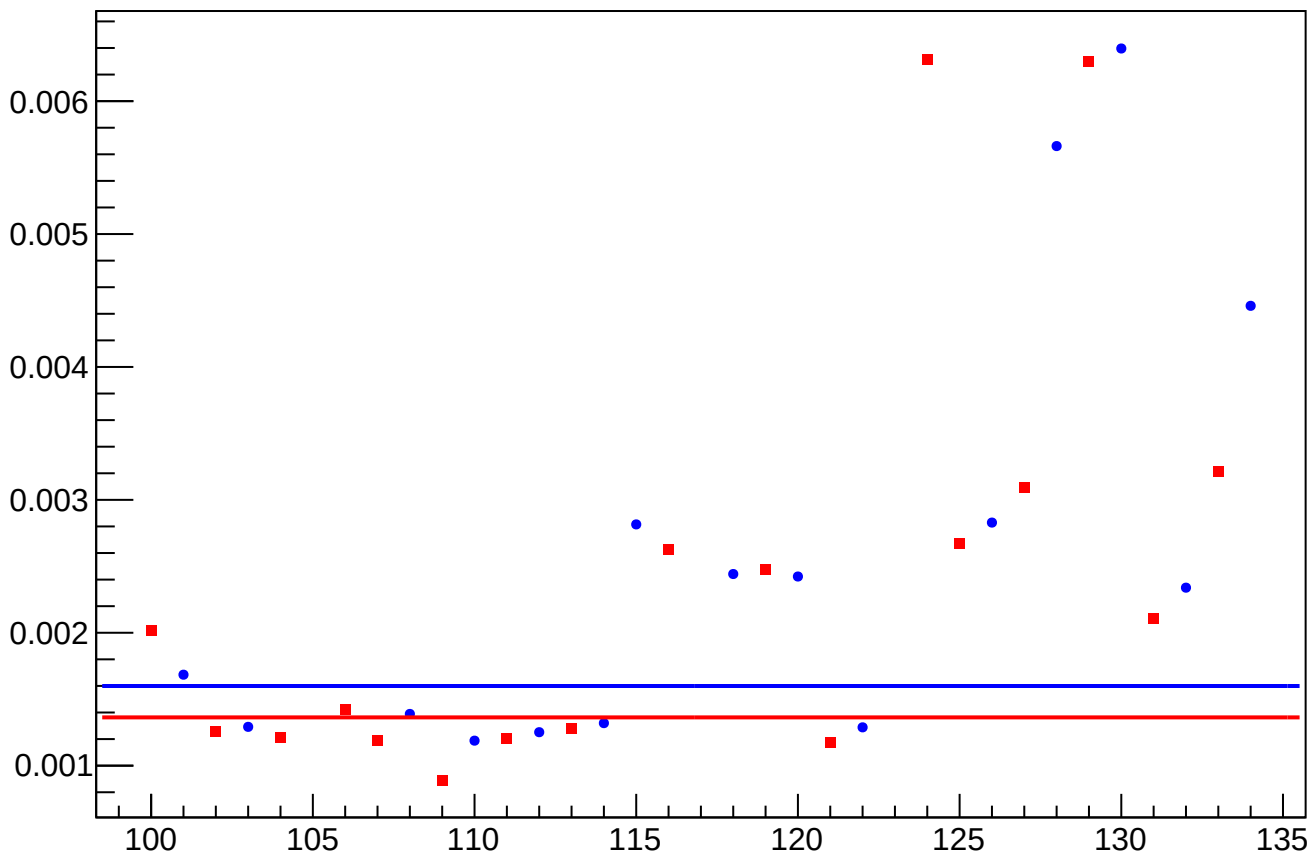
Right: 0.000 ± 0.000 χ^2/NDF : 24.6/31

In: -0.000 ± 0.000 χ^2/NDF : 11.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 24.6/31

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2205164.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2213899.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

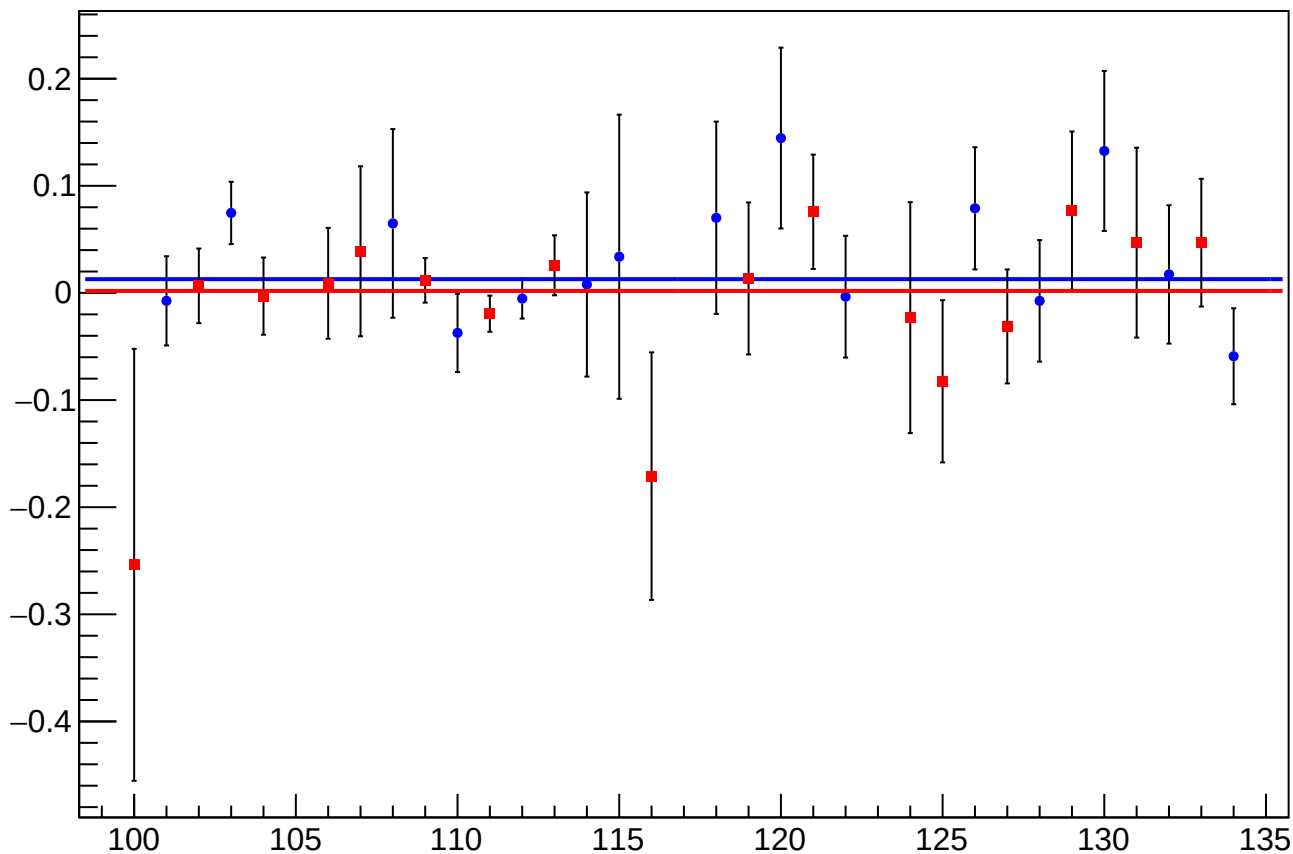
Right: 0.001+/-0.000 χ^2/NDF : 4550470.1/31

In: 0.002+/-0.000 χ^2/NDF :2205164.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4550470.1/31

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.011 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.009 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

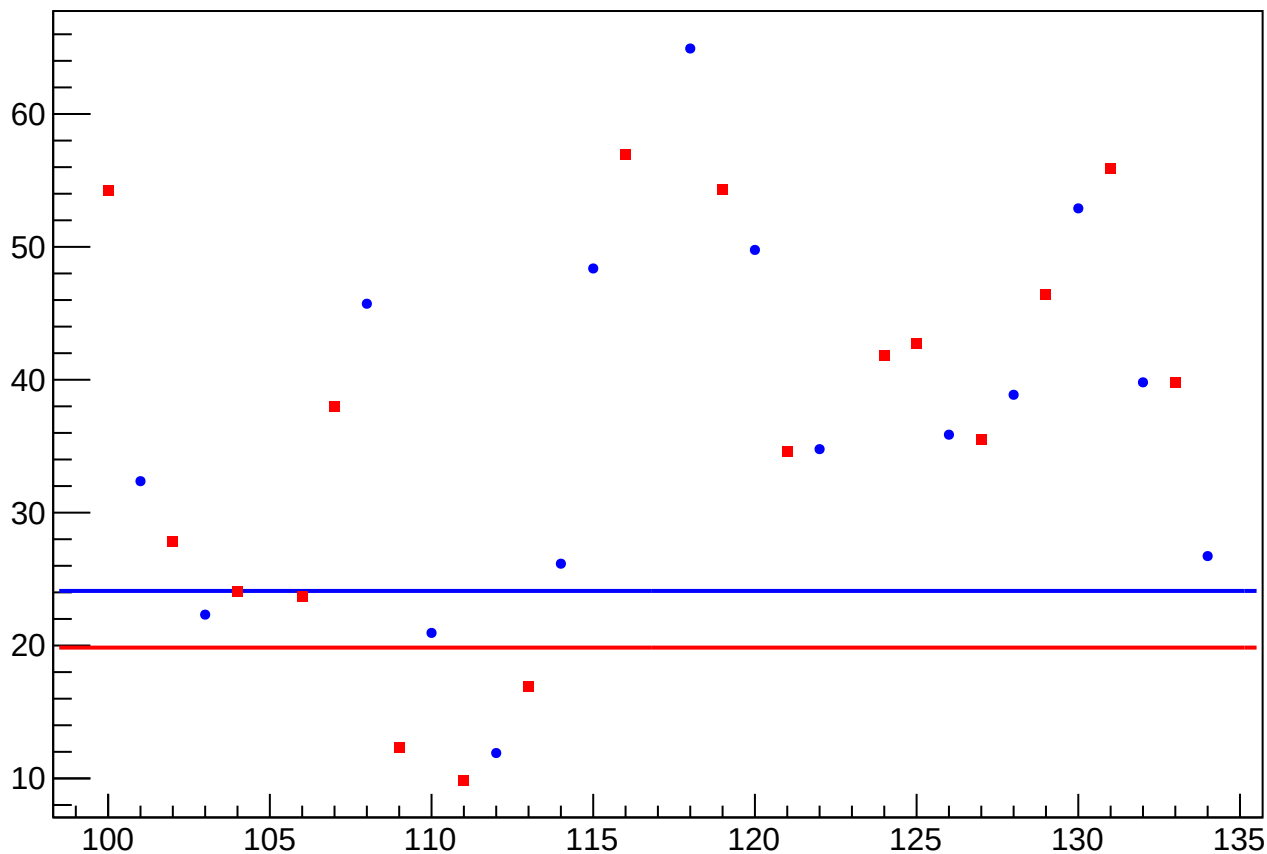
Right: 0.006+/-0.007 χ^2/NDF : 30.2/31

In: 0.013+/-0.011 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.007 χ^2/NDF : 30.2/31

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.109+/-0.008 χ^2/NDF : 2458134.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.844+/-0.007 χ^2/NDF : 3377939.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

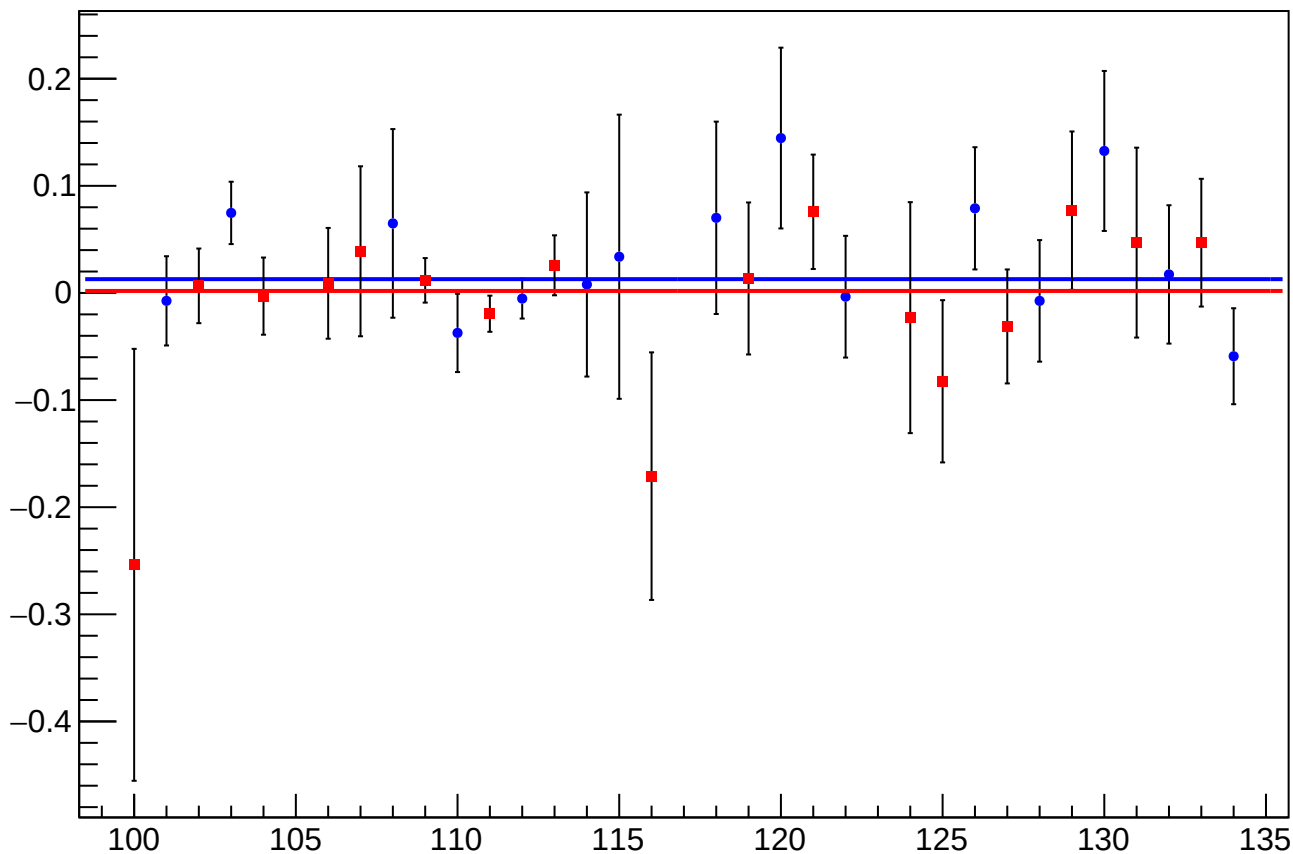
Right: 21.608+/-0.005 χ^2/NDF : 6002812.2/31

In: 24.109+/-0.008 χ^2/NDF :2458134.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002812.2/31

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.011 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.009 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

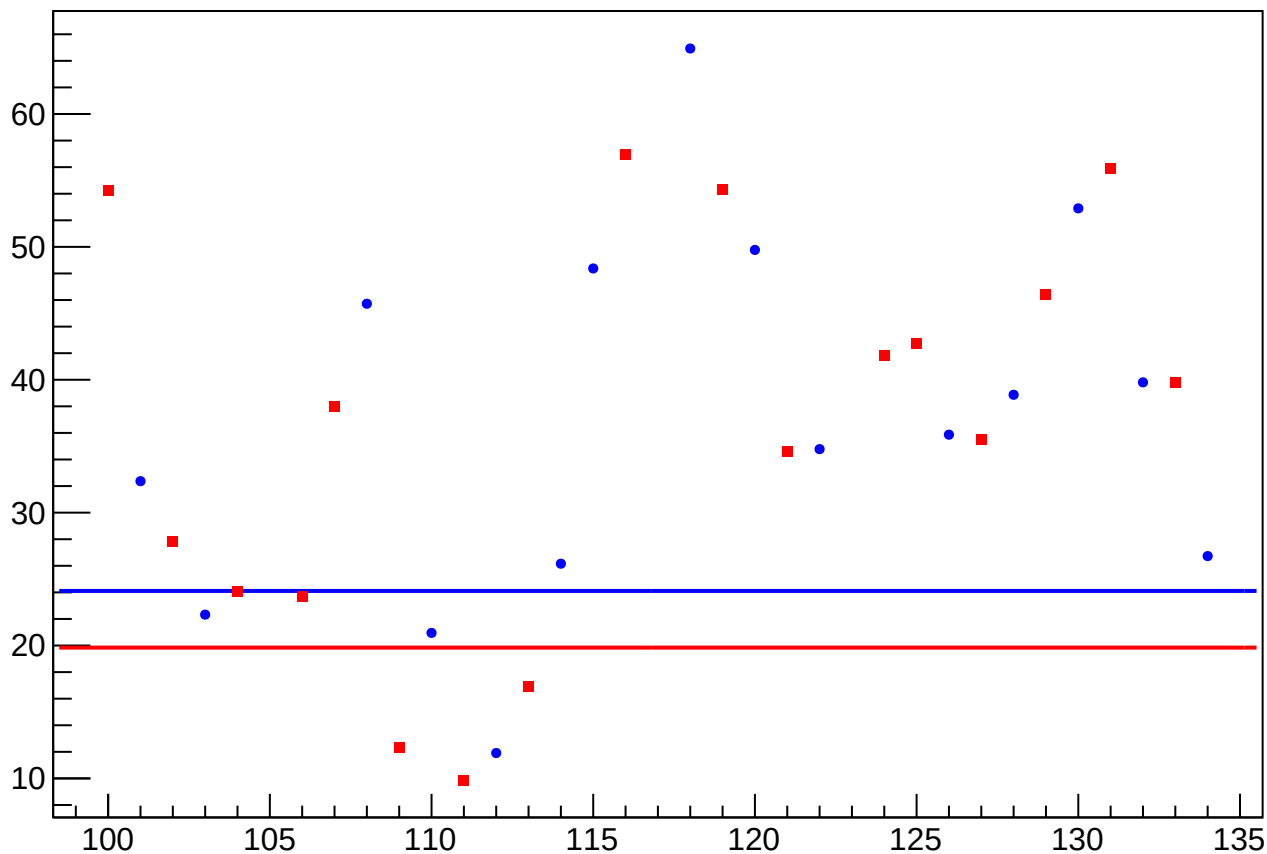
Right: 0.006+/-0.007 χ^2/NDF : 30.2/31

In: 0.013+/-0.011 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.007 χ^2/NDF : 30.2/31

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.109+/-0.008 χ^2/NDF : 2458134.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.844+/-0.007 χ^2/NDF : 3377939.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

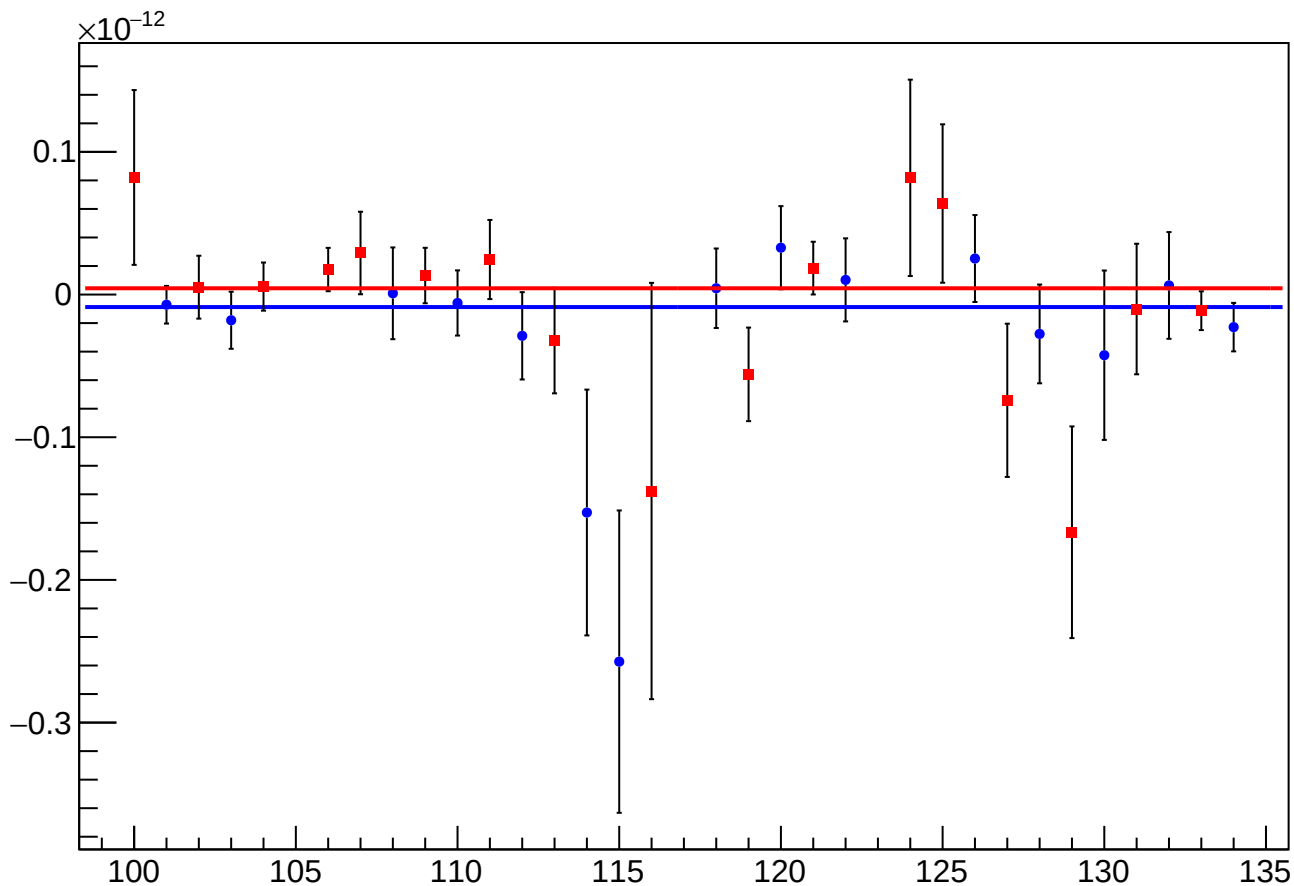
Right: 21.608+/-0.005 χ^2/NDF : 6002812.2/31

In: 24.109+/-0.008 χ^2/NDF : 2458134.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002812.2/31

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

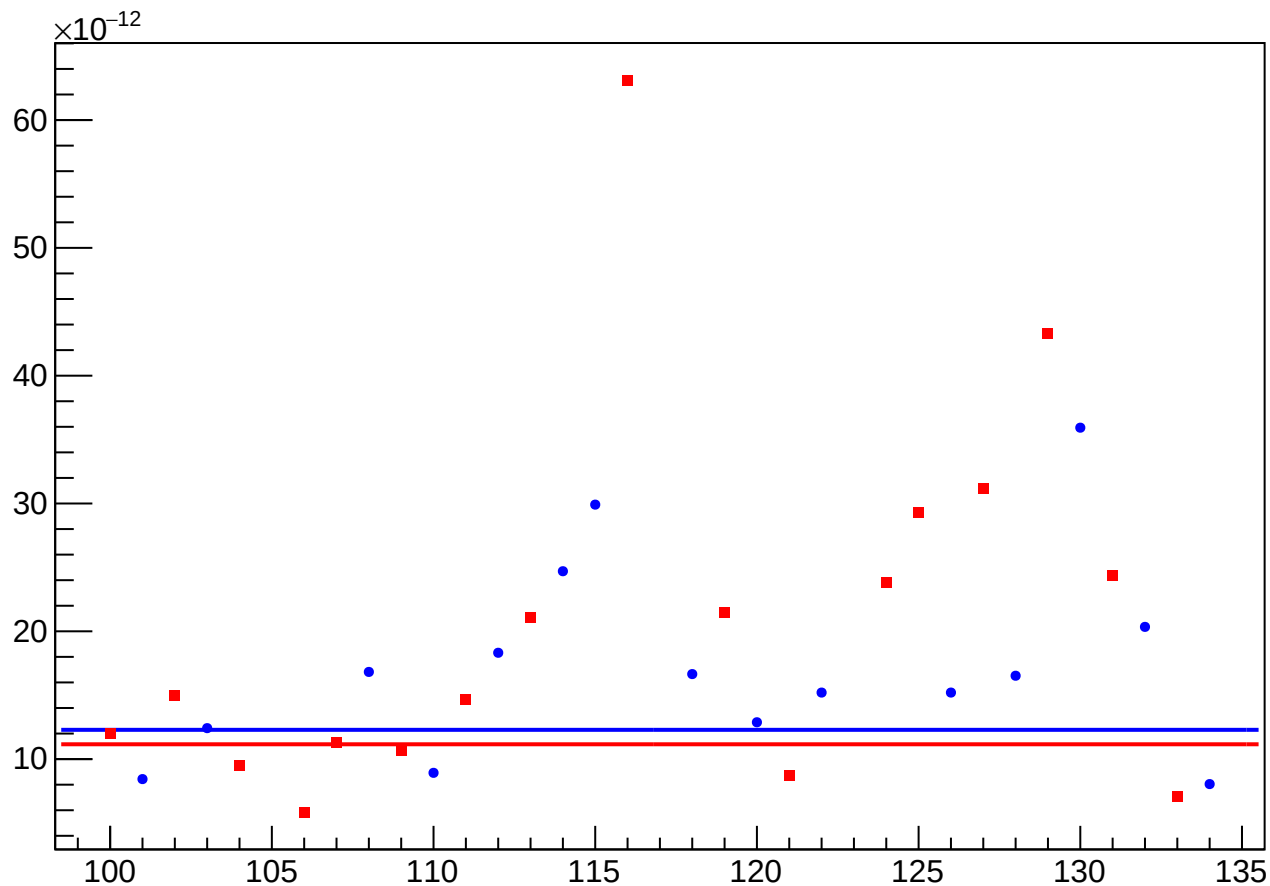
Right: -0.000+/-0.000 χ^2/NDF : 37.6/31

In: -0.000+/-0.000 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.6/31

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1081125.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2274970.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

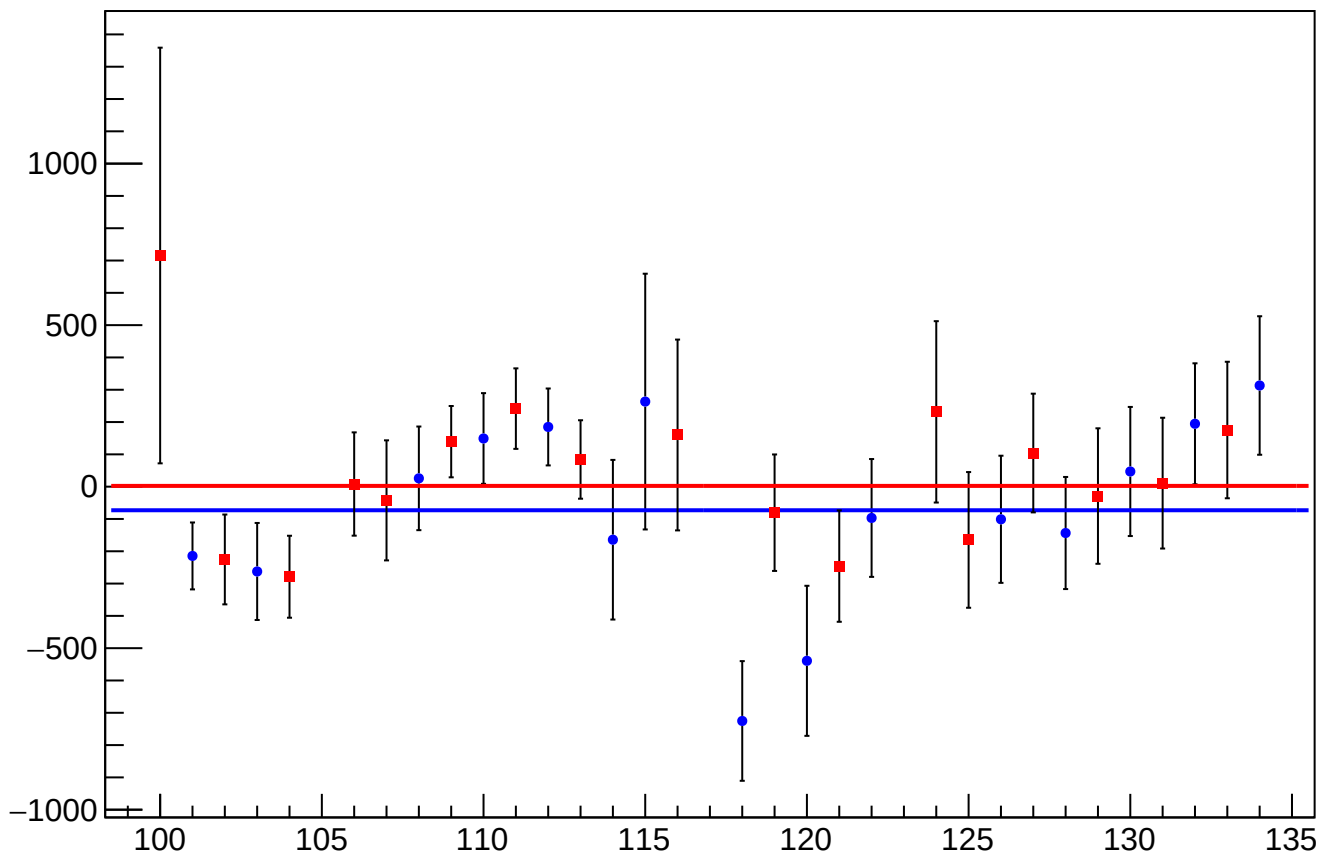
Right: 0.000+/-0.000 χ^2/NDF : 3387363.8/31

In: 0.000+/-0.000 χ^2/NDF : 1081125.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3387363.8/31

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -73.042 ± 43.331 χ^2/NDF : 34.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.367 ± 40.522 χ^2/NDF : 19.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

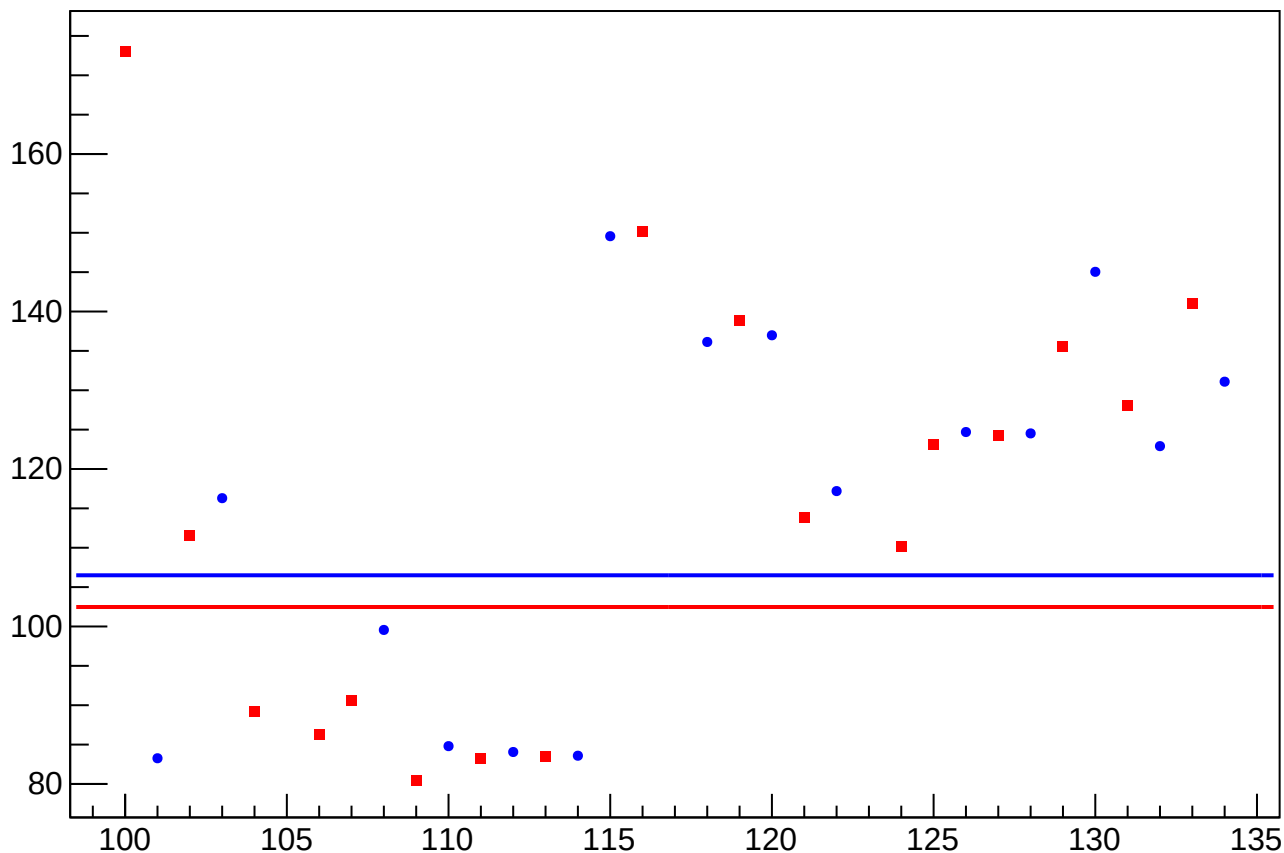
Right: -32.814 ± 29.597 χ^2/NDF : 55.2/31

In: -73.042 ± 43.331 χ^2/NDF : 34.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.814 ± 29.597 χ^2/NDF : 55.2/31

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.501+/-0.031 χ^2/NDF : 519872.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.474+/-0.029 χ^2/NDF : 598839.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

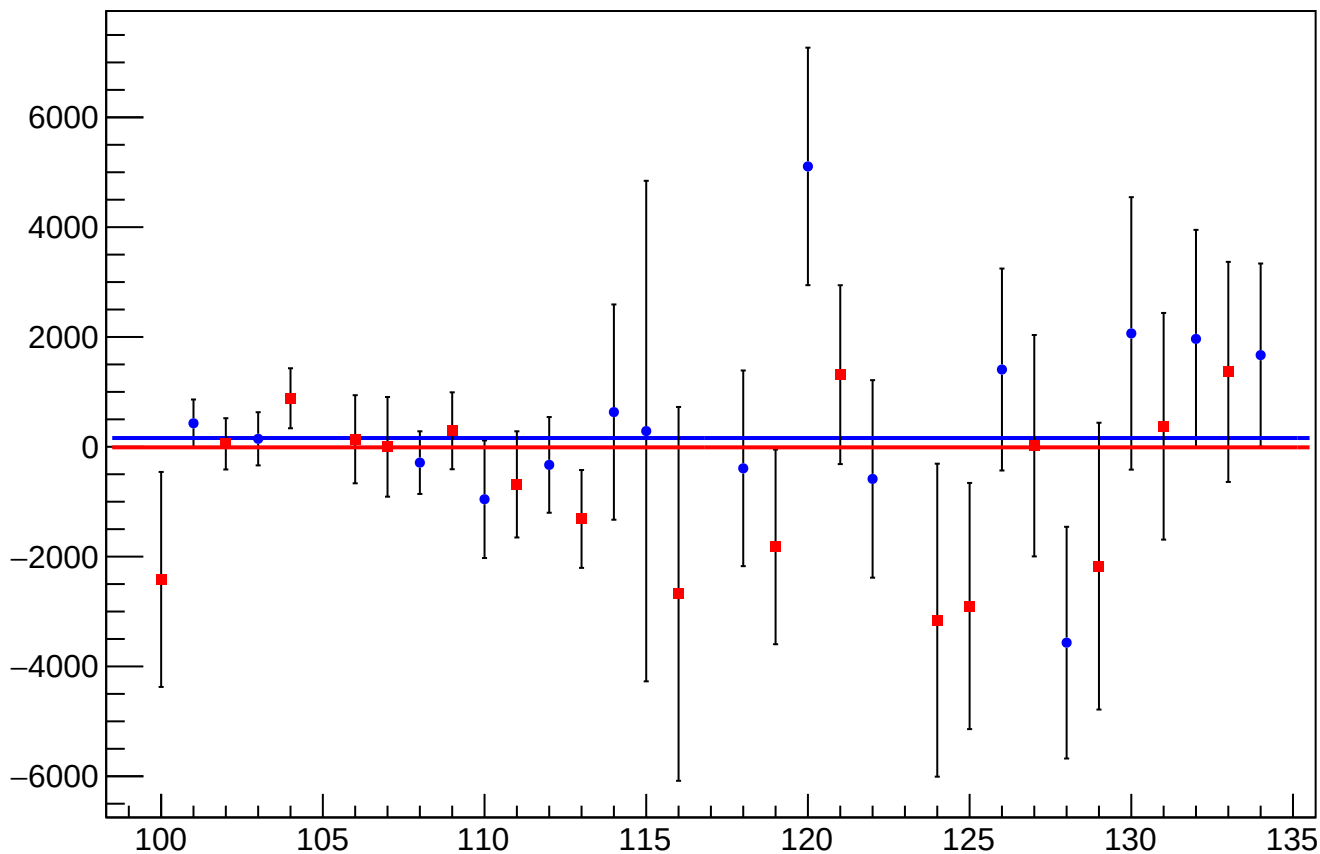
Right: 104.353+/-0.021 χ^2/NDF : 1127930.4/31

In: 106.501+/-0.031 χ^2/NDF : 519872.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.353+/-0.021 χ^2/NDF : 1127930.4/31

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 159.958 $\pm$ 240.458 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.984 $\pm$ 240.341 χ^2 /NDF: 13.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

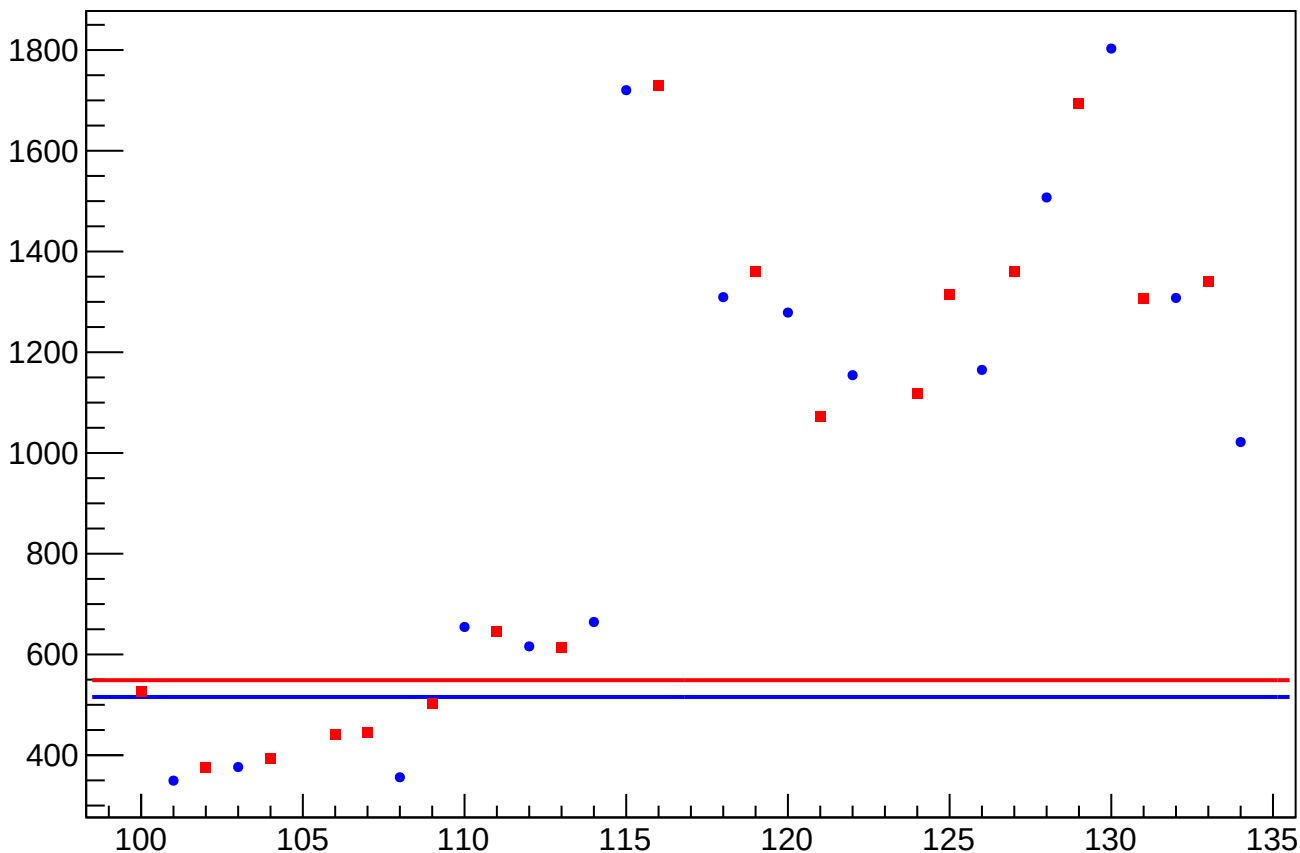
Right: 74.945 $\pm$ 169.988 χ^2 /NDF: 27.5/31

In: 159.958 $\pm$ 240.458 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.945 $\pm$ 169.988 χ^2 /NDF: 27.5/31

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 515.575+/-0.170 χ^2/NDF : 3457167.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.908+/-0.170 χ^2/NDF : 3010323.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

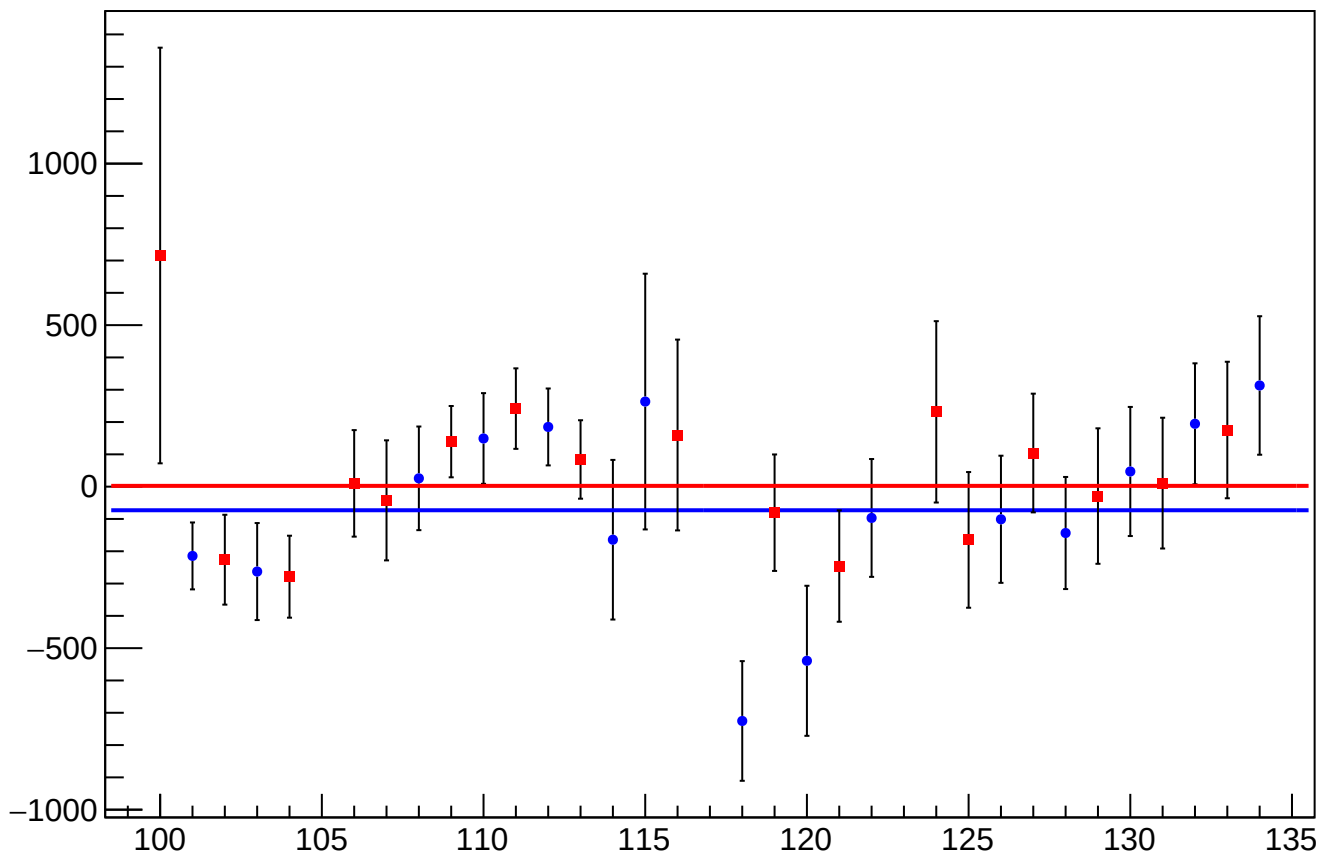
Right: 532.250+/-0.120 χ^2/NDF : 6486716.0/31

In: 515.575+/-0.170 χ^2/NDF : 3457167.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.250+/-0.120 χ^2/NDF : 6486716.0/31

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -73.074 $\pm$ 43.331 χ^2 /NDF: 34.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.417 $\pm$ 40.601 χ^2 /NDF: 19.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

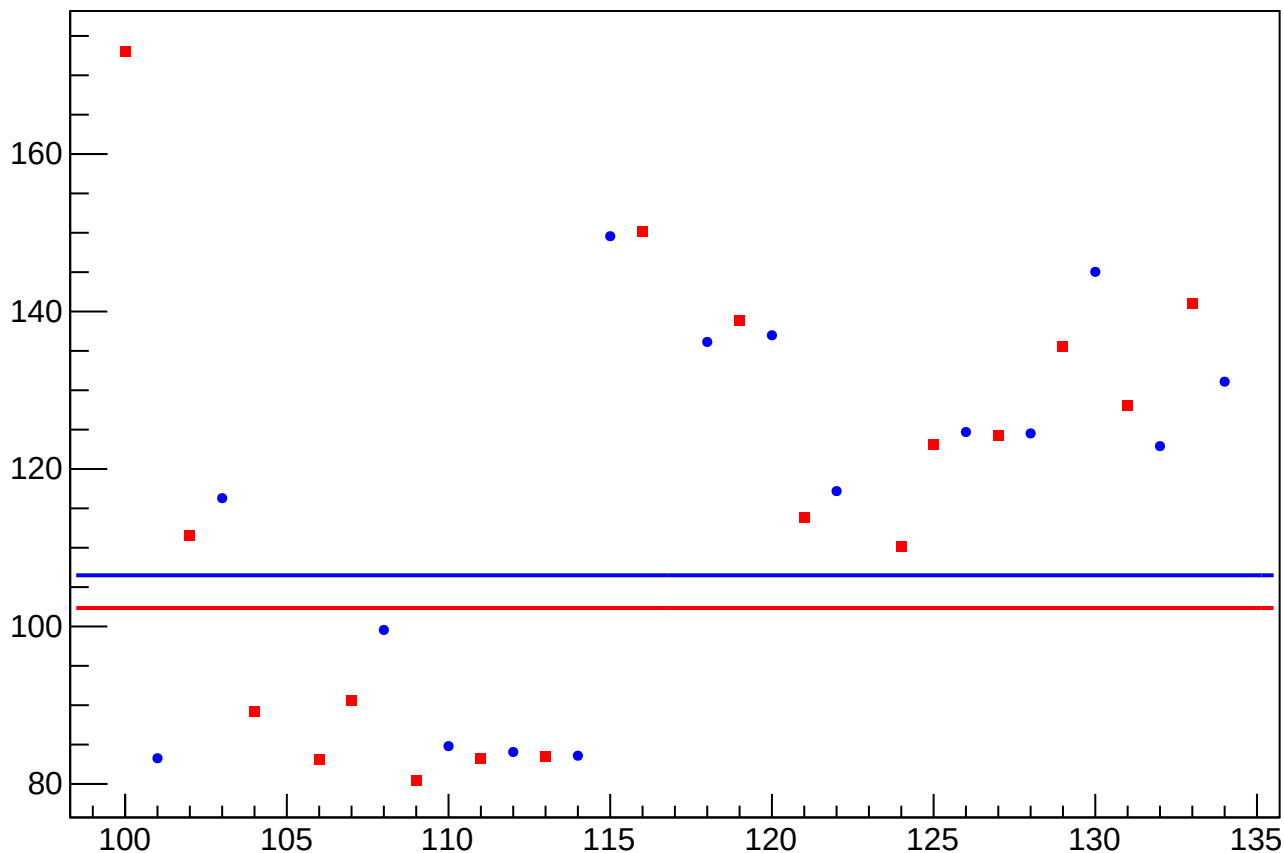
Right: -32.876 $\pm$ 29.628 χ^2 /NDF: 55.2/31

In: -73.074 $\pm$ 43.331 χ^2 /NDF:34.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.876 $\pm$ 29.628 χ^2 /NDF: 55.2/31

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.501 $\pm$ 0.031 χ^2 /NDF: 519874.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.347 $\pm$ 0.029 χ^2 /NDF: 605918.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

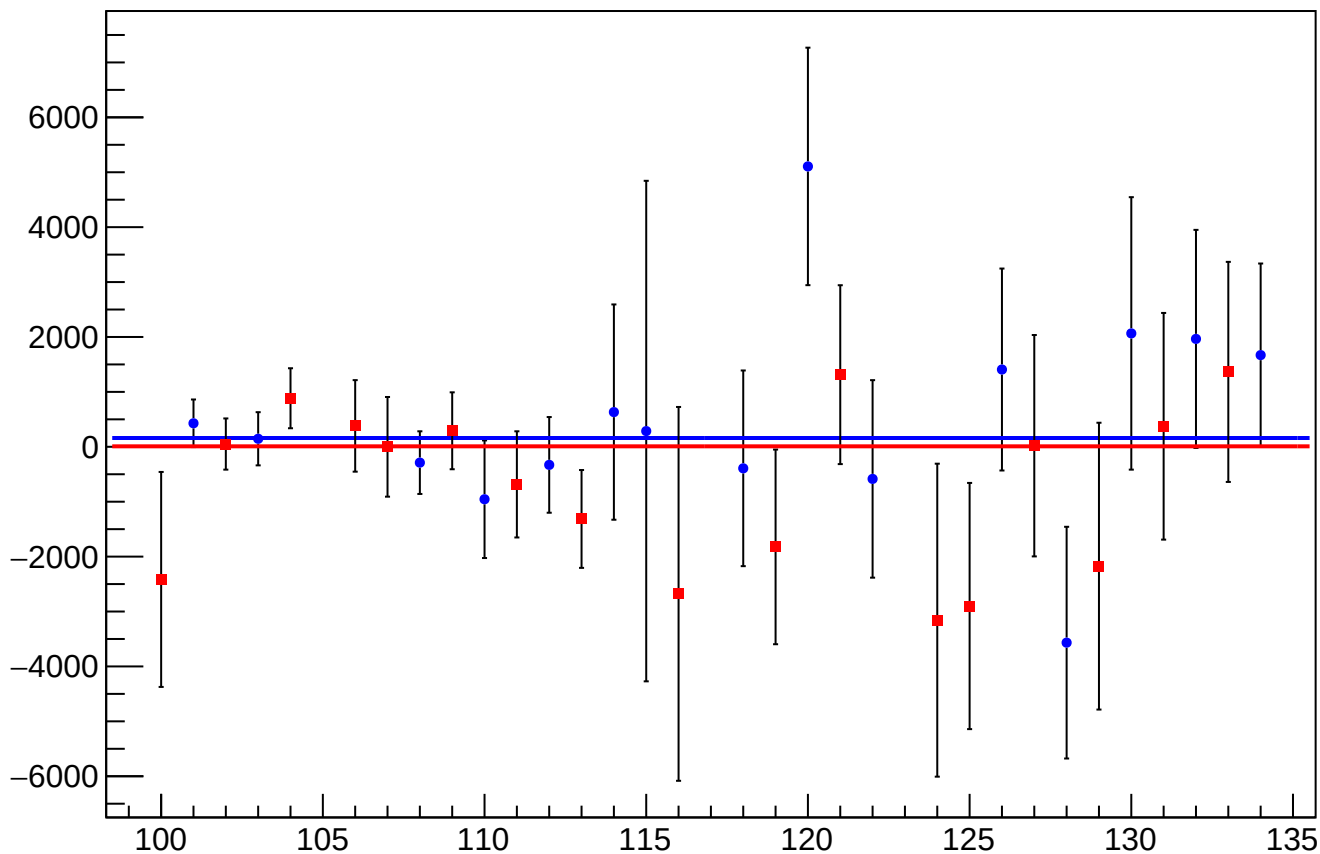
Right: 104.289 $\pm$ 0.021 χ^2 /NDF: 1135578.8/31

In: 106.501 $\pm$ 0.031 χ^2 /NDF:519874.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.289 $\pm$ 0.021 χ^2 /NDF: 1135578.8/31

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 160.117+/-240.450 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.529+/-241.036 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

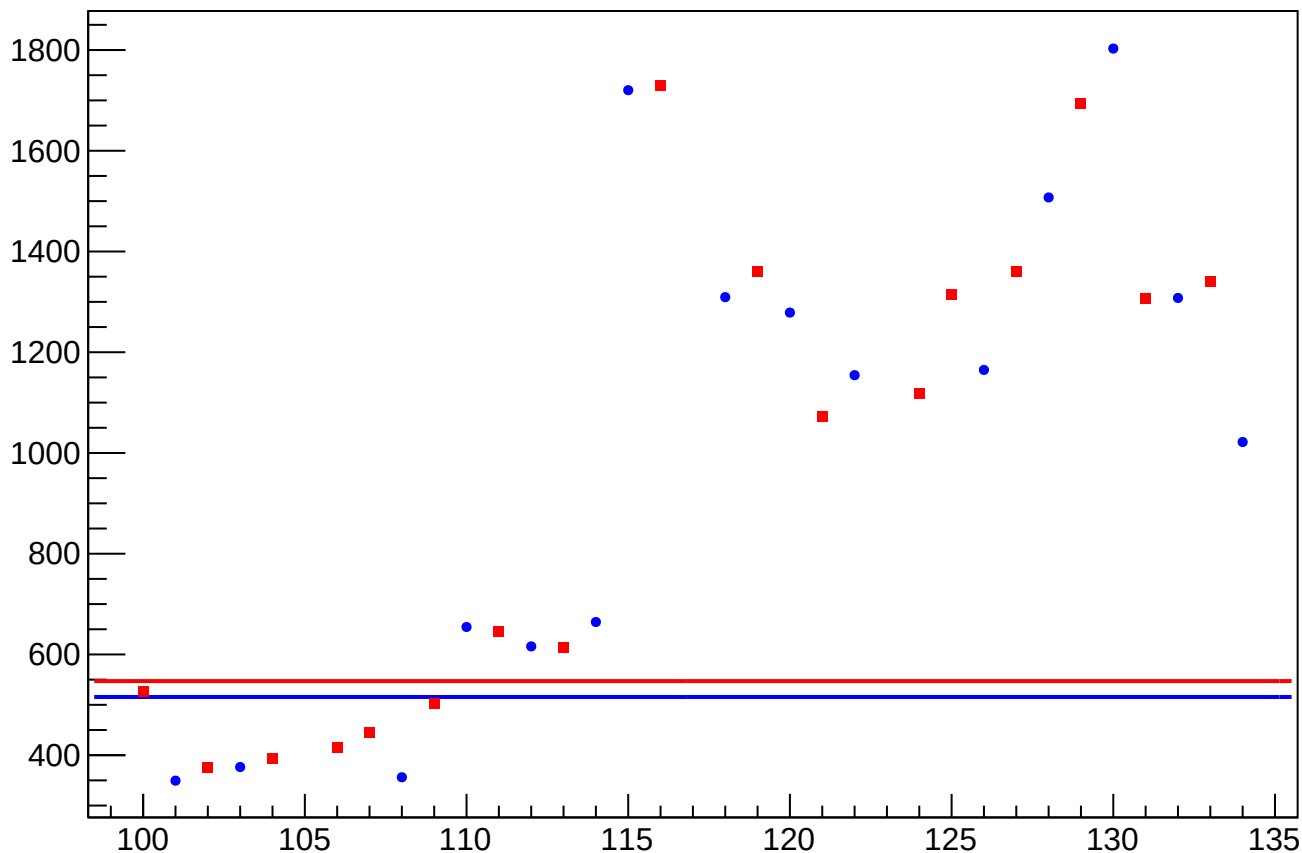
Right: 84.507+/-170.231 χ^2/NDF : 27.6/31

In: 160.117+/-240.450 χ^2/NDF : 13.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.507+/-170.231 χ^2/NDF : 27.6/31

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 515.553+/-0.170 χ^2/NDF : 3457336.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 547.138+/-0.170 χ^2/NDF : 3028376.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

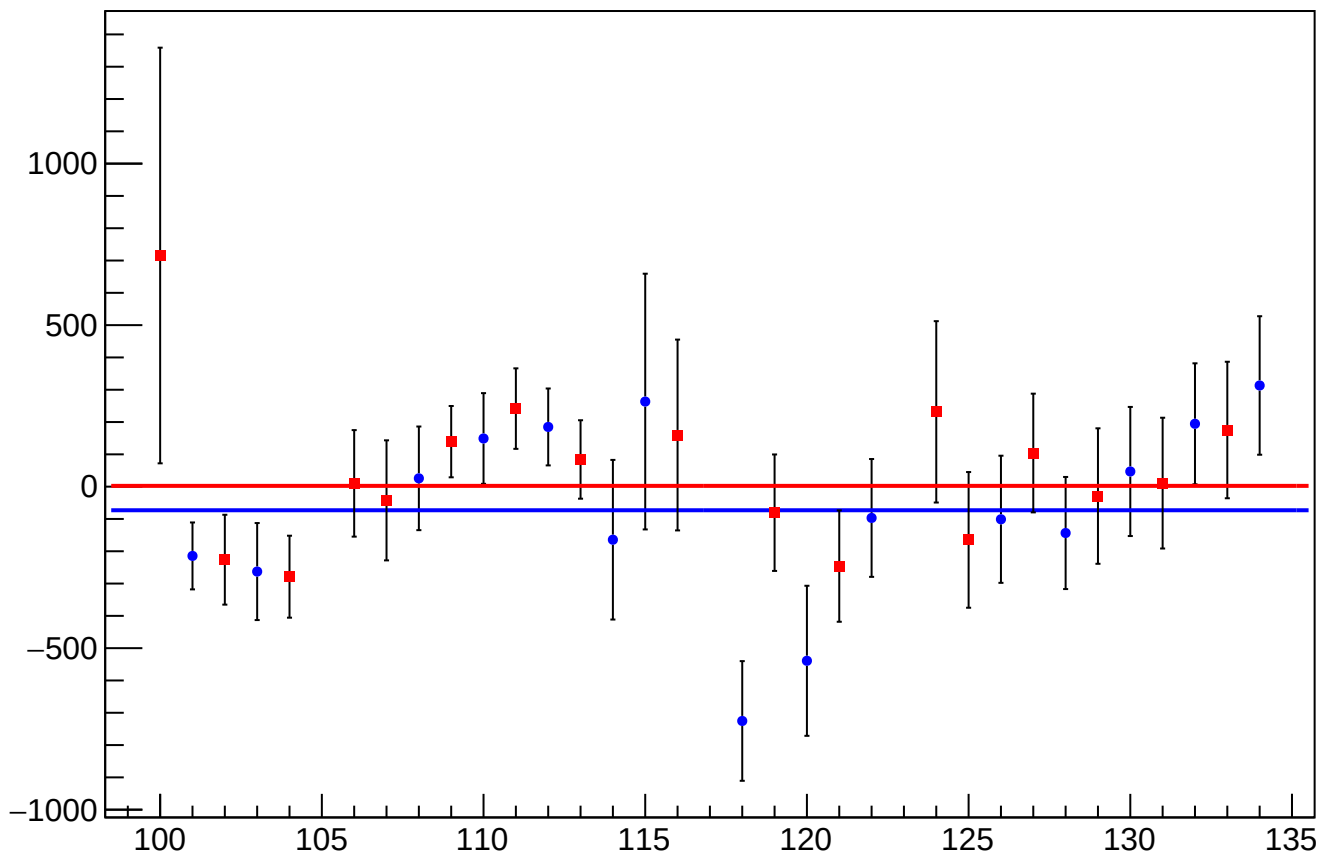
Right: 531.307+/-0.120 χ^2/NDF : 6502924.8/31

In: 515.553+/-0.170 χ^2/NDF :3457336.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 531.307+/-0.120 χ^2/NDF : 6502924.8/31

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -73.074+/-43.331 χ^2/NDF : 34.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.417+/-40.601 χ^2/NDF : 19.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

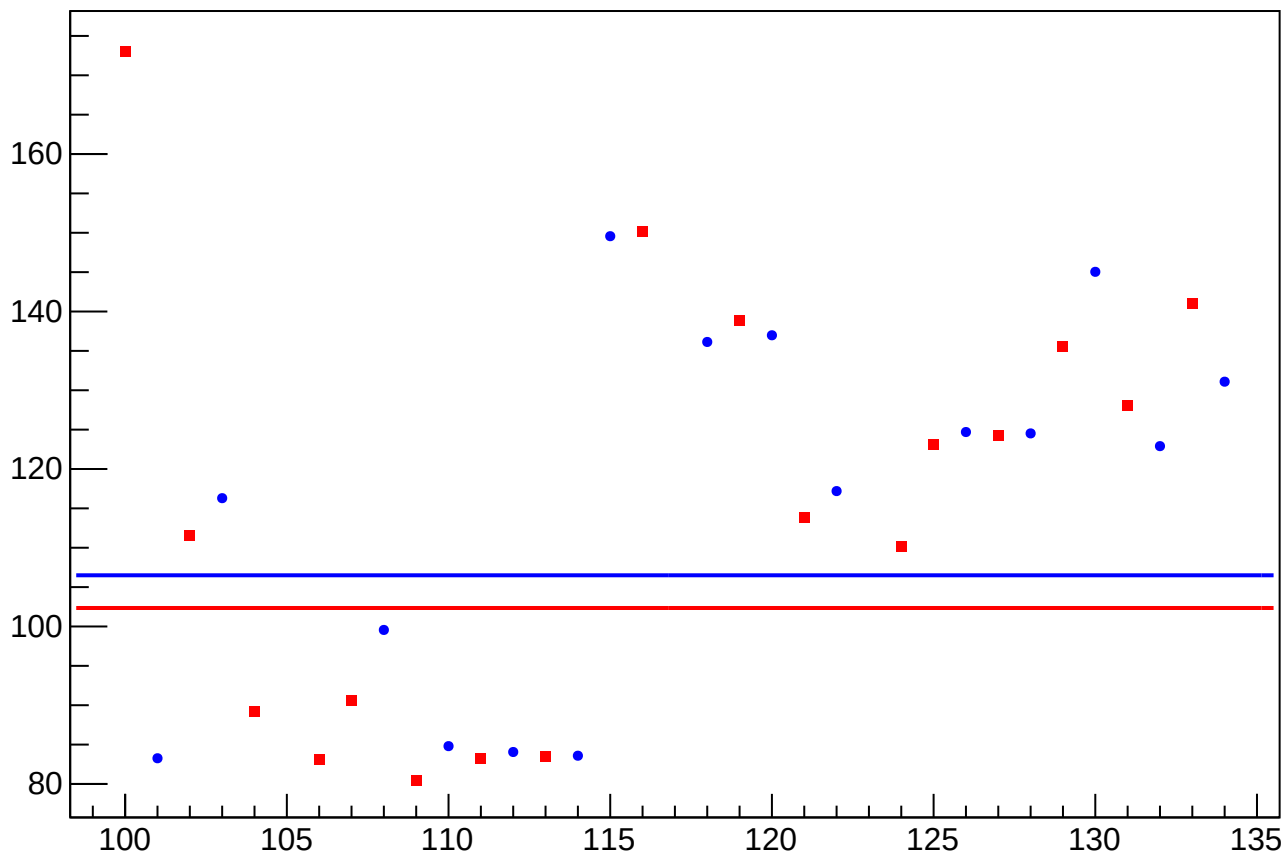
Right: -32.876+/-29.628 χ^2/NDF : 55.2/31

In: -73.074+/-43.331 χ^2/NDF : 34.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.876+/-29.628 χ^2/NDF : 55.2/31

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.501+/-0.031 χ^2/NDF : 519874.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.347+/-0.029 χ^2/NDF : 605918.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

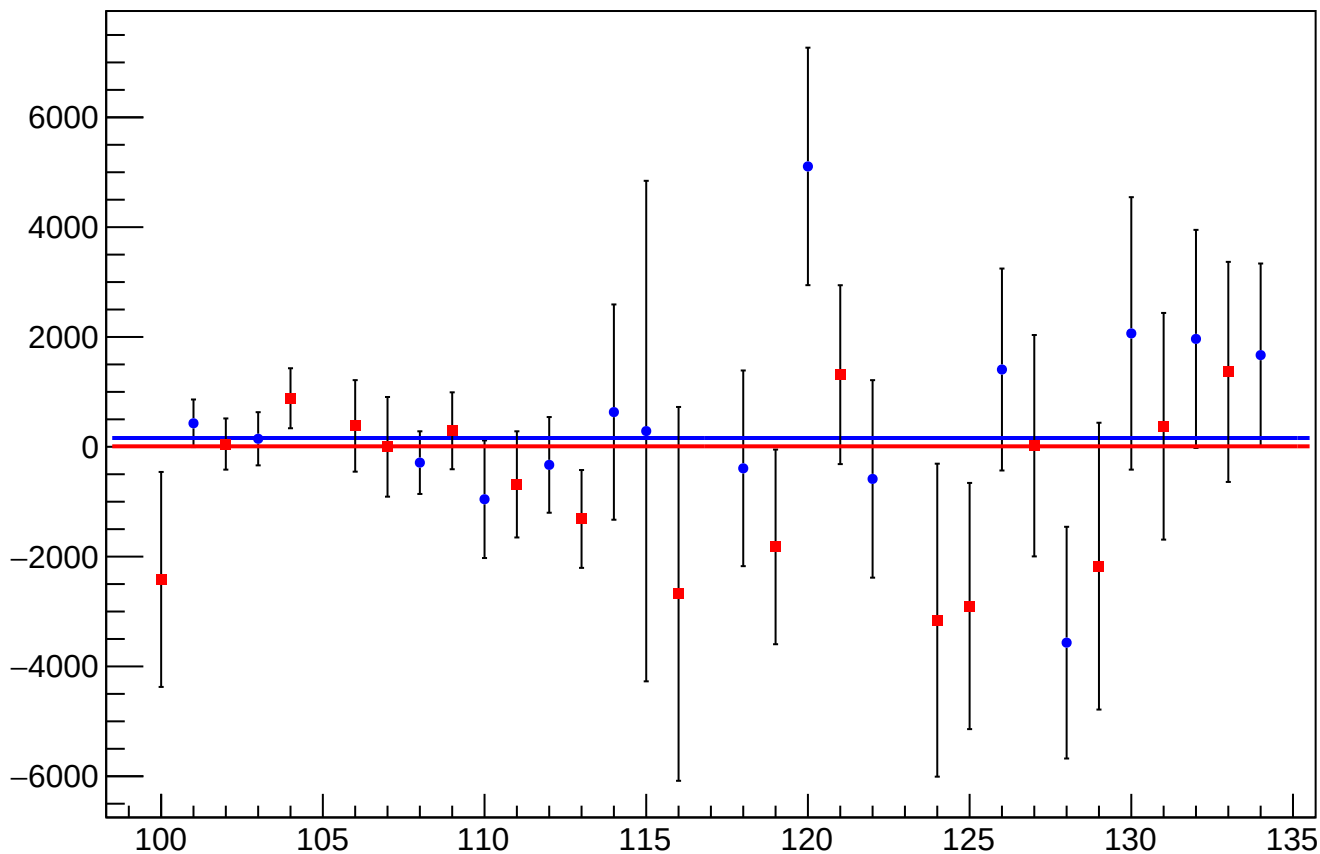
Right: 104.289+/-0.021 χ^2/NDF : 1135578.8/31

In: 106.501+/-0.031 χ^2/NDF : 519874.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.289+/-0.021 χ^2/NDF : 1135578.8/31

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 160.117+/-240.450 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.529+/-241.036 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

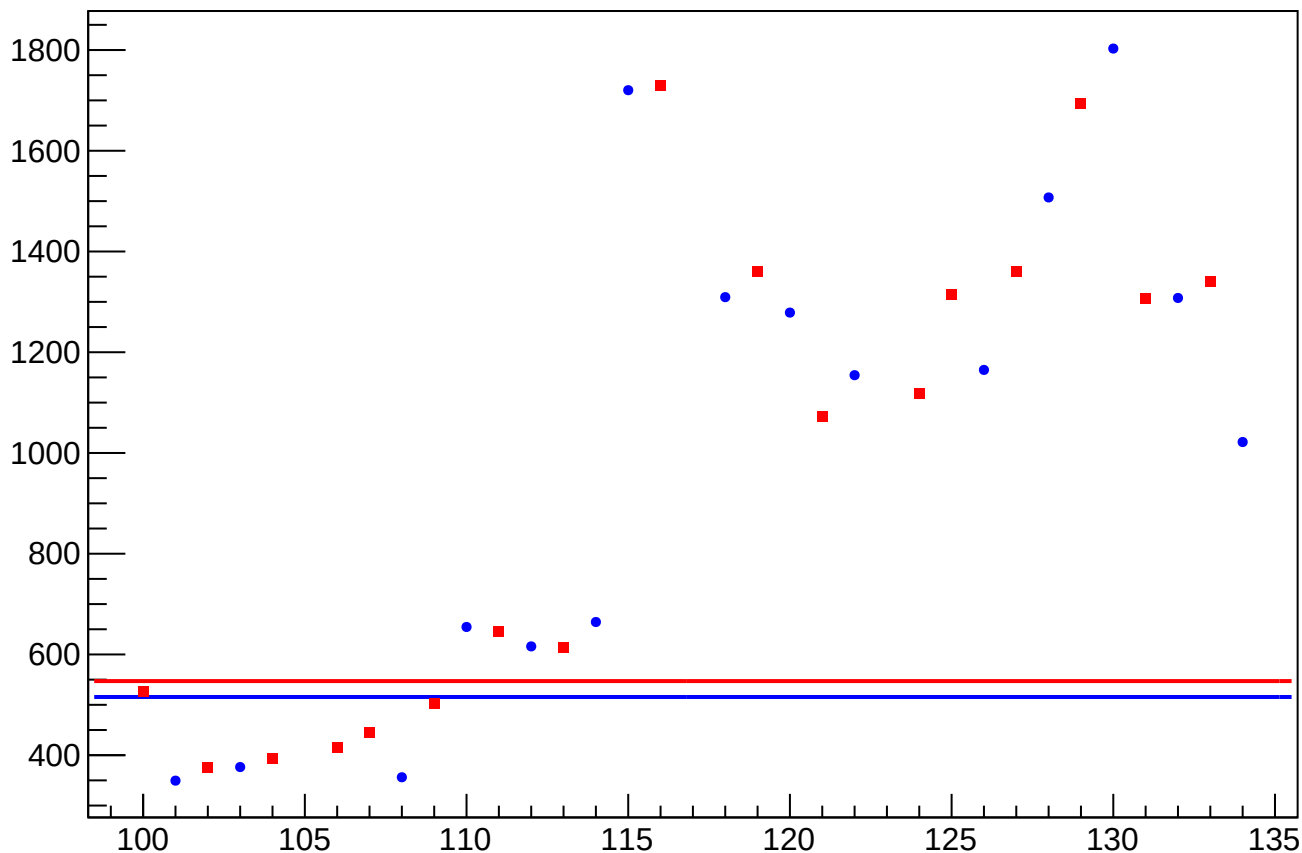
Right: 84.507+/-170.231 χ^2/NDF : 27.6/31

In: 160.117+/-240.450 χ^2/NDF : 13.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.507+/-170.231 χ^2/NDF : 27.6/31

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 515.553+/-0.170 χ^2/NDF : 3457336.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.138+/-0.170 χ^2/NDF : 3028376.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

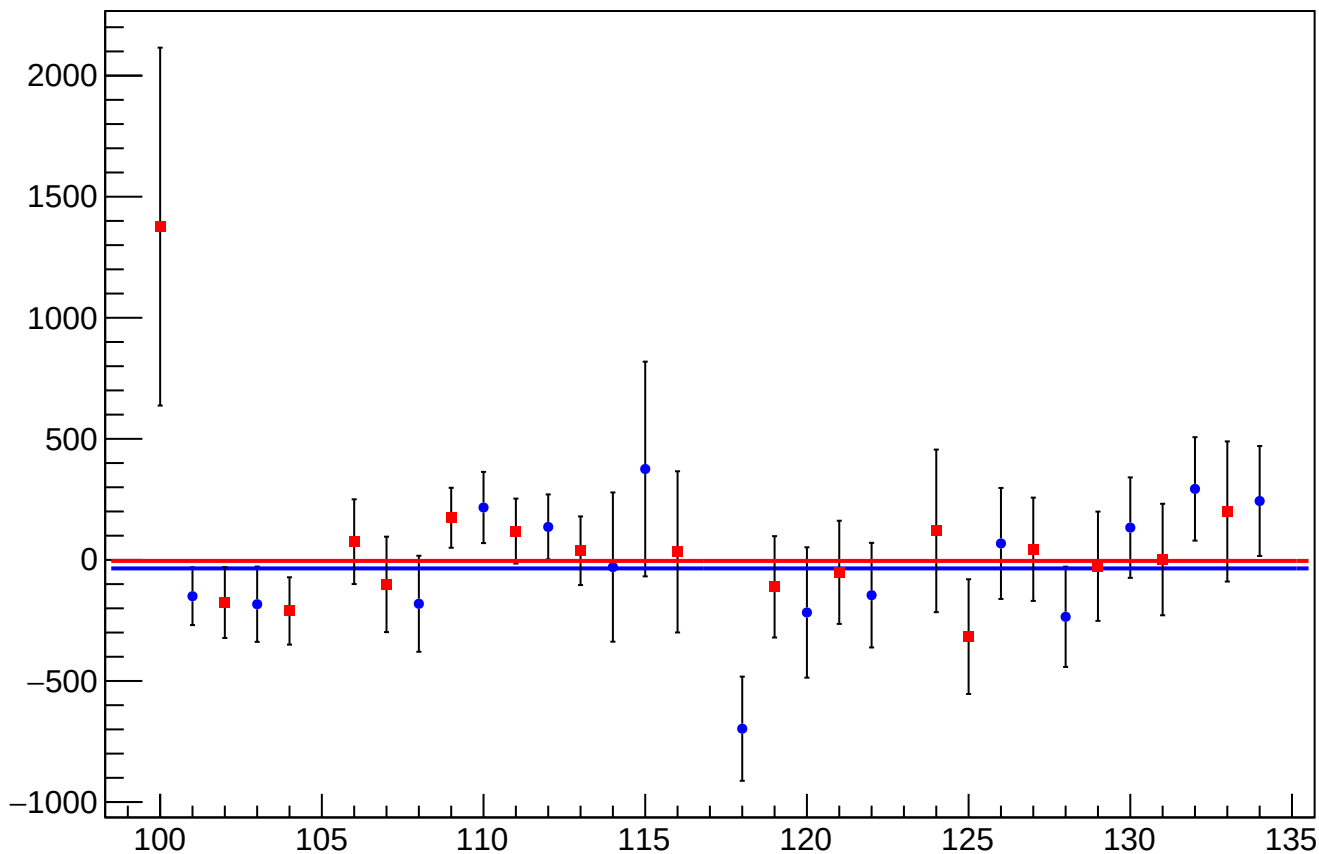
Right: 531.307+/-0.120 χ^2/NDF : 6502924.8/31

In: 515.553+/-0.170 χ^2/NDF : 3457336.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.307+/-0.120 χ^2/NDF : 6502924.8/31

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -35.125+/-48.902 χ^2 /NDF: 23.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.136+/-45.536 χ^2 /NDF: 13.3/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

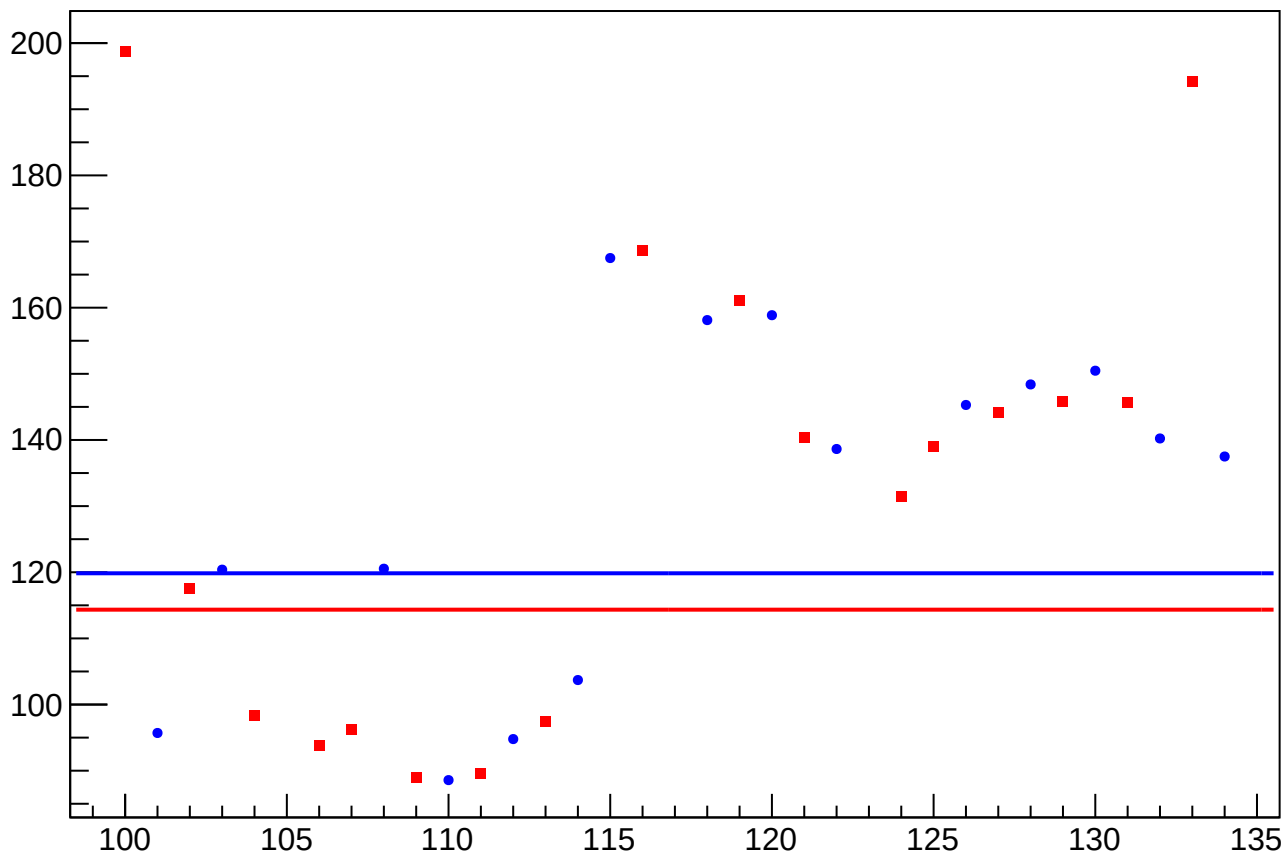
Right: -18.528+/-33.325 χ^2 /NDF: 37.1/31

In: -35.125+/-48.902 χ^2 /NDF:23.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -18.528+/-33.325 χ^2 /NDF: 37.1/31

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.845+/-0.035 χ^2/NDF : 527682.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.344+/-0.032 χ^2/NDF : 755561.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

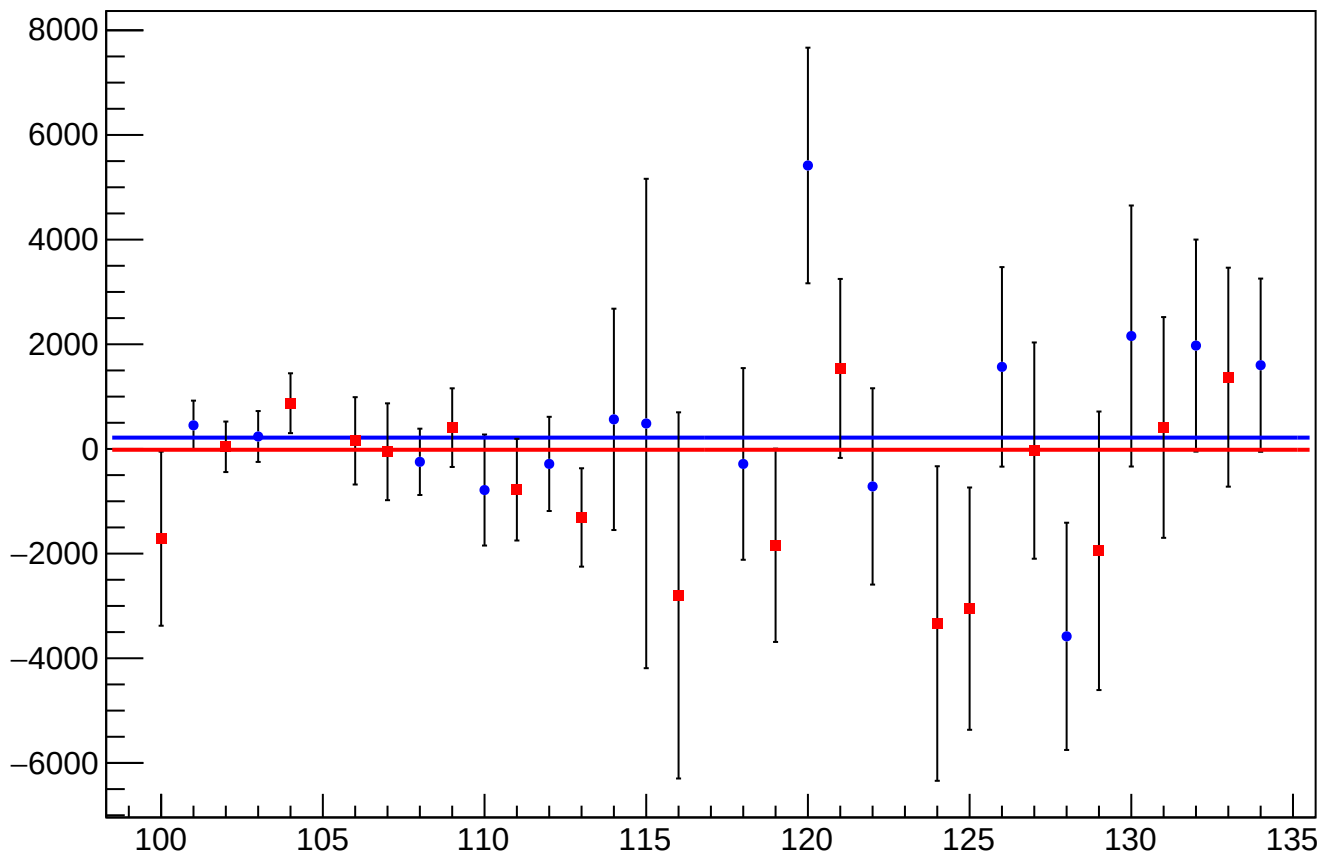
Right: 116.899+/-0.024 χ^2/NDF : 1296799.2/31

In: 119.845+/-0.035 χ^2/NDF : 527682.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.899+/-0.024 χ^2/NDF : 1296799.2/31

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 216.434 $\pm$ 252.775 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.907 $\pm$ 249.036 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

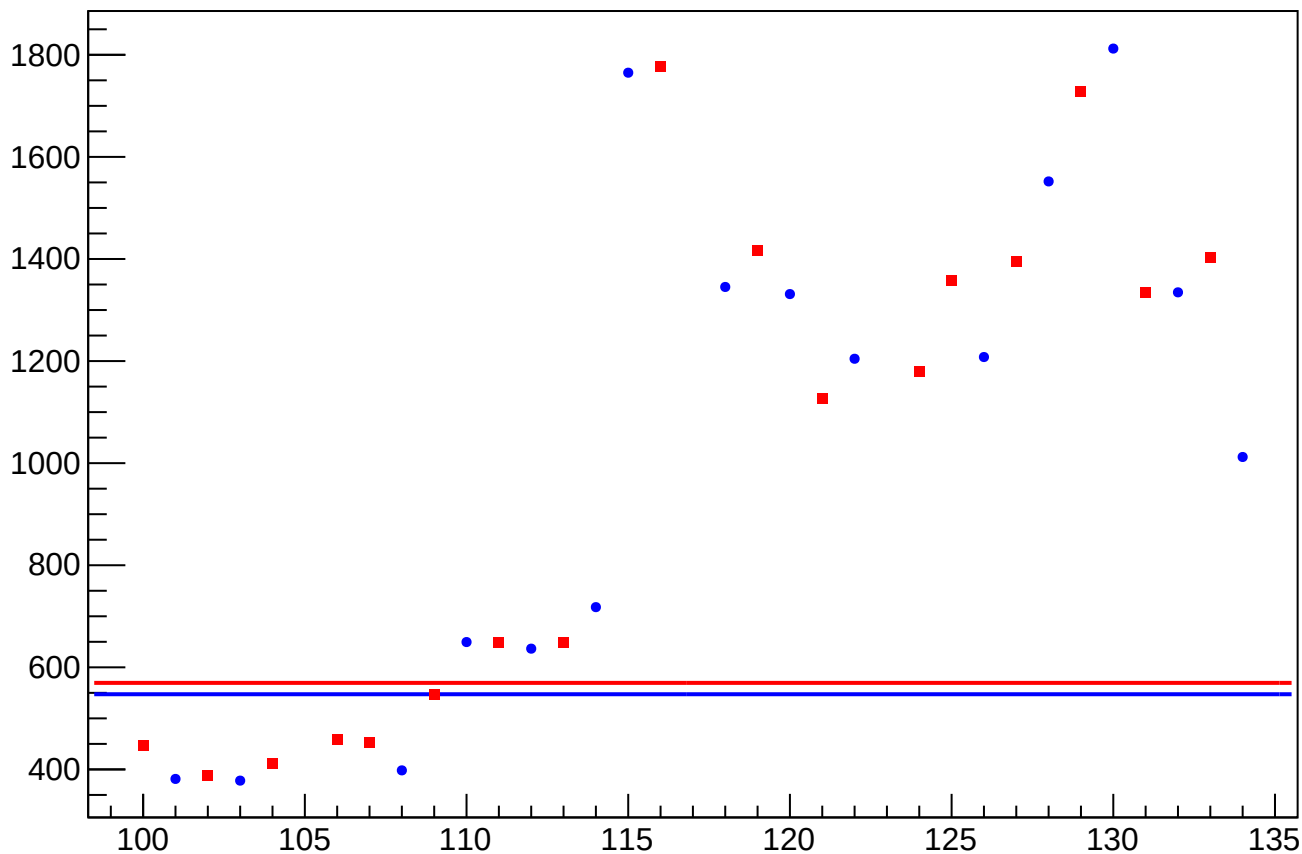
Right: 98.533 $\pm$ 177.402 χ^2 /NDF: 26.5/31

In: 216.434 $\pm$ 252.775 χ^2 /NDF:13.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.533 $\pm$ 177.402 χ^2 /NDF: 26.5/31

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 547.296+/-0.179 χ^2/NDF : 3298282.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.544+/-0.176 χ^2/NDF : 3008190.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

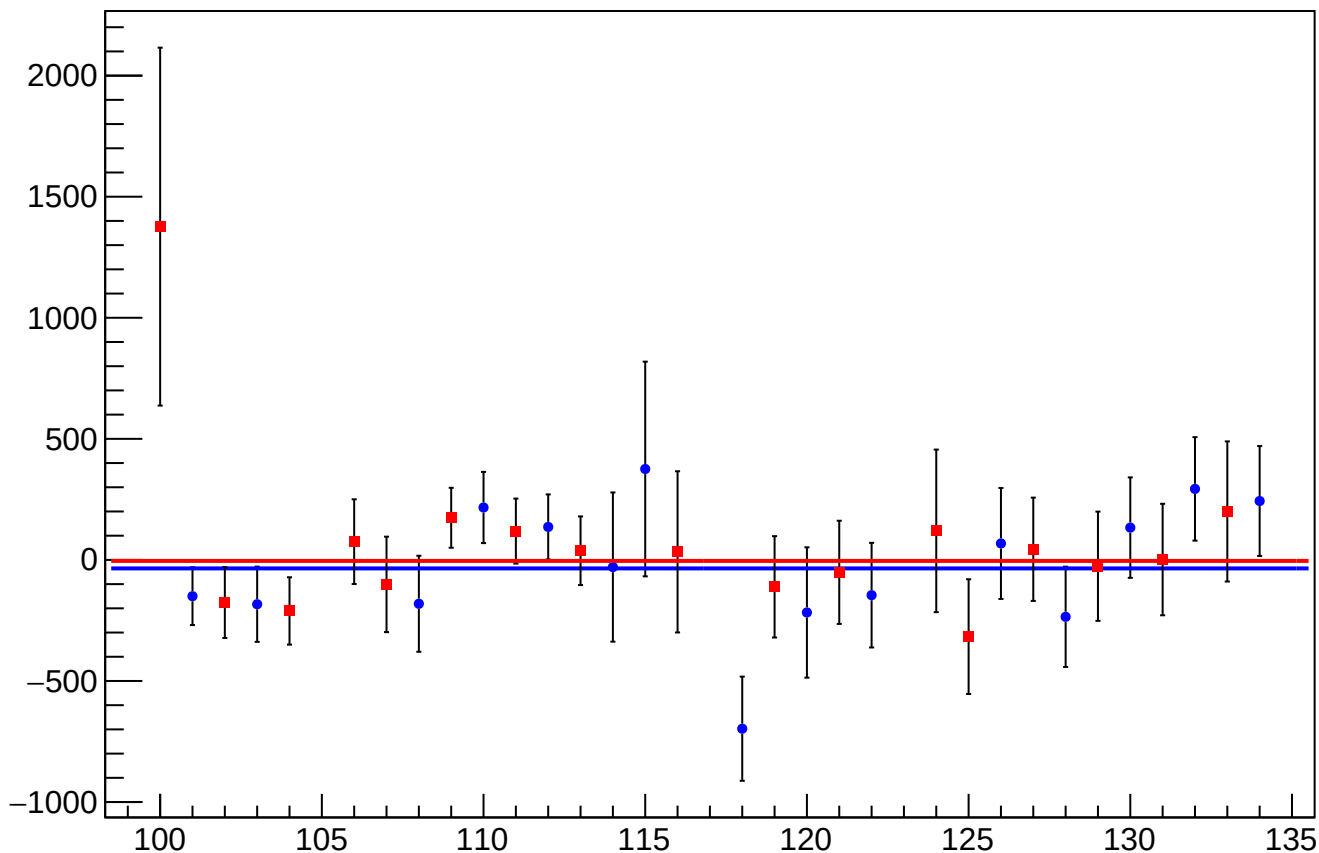
Right: 558.586+/-0.125 χ^2/NDF : 6314335.2/31

In: 547.296+/-0.179 χ^2/NDF : 3298282.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.586+/-0.125 χ^2/NDF : 6314335.2/31

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -35.127 ± 48.902 χ^2/NDF : 23.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.134 ± 45.536 χ^2/NDF : 13.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

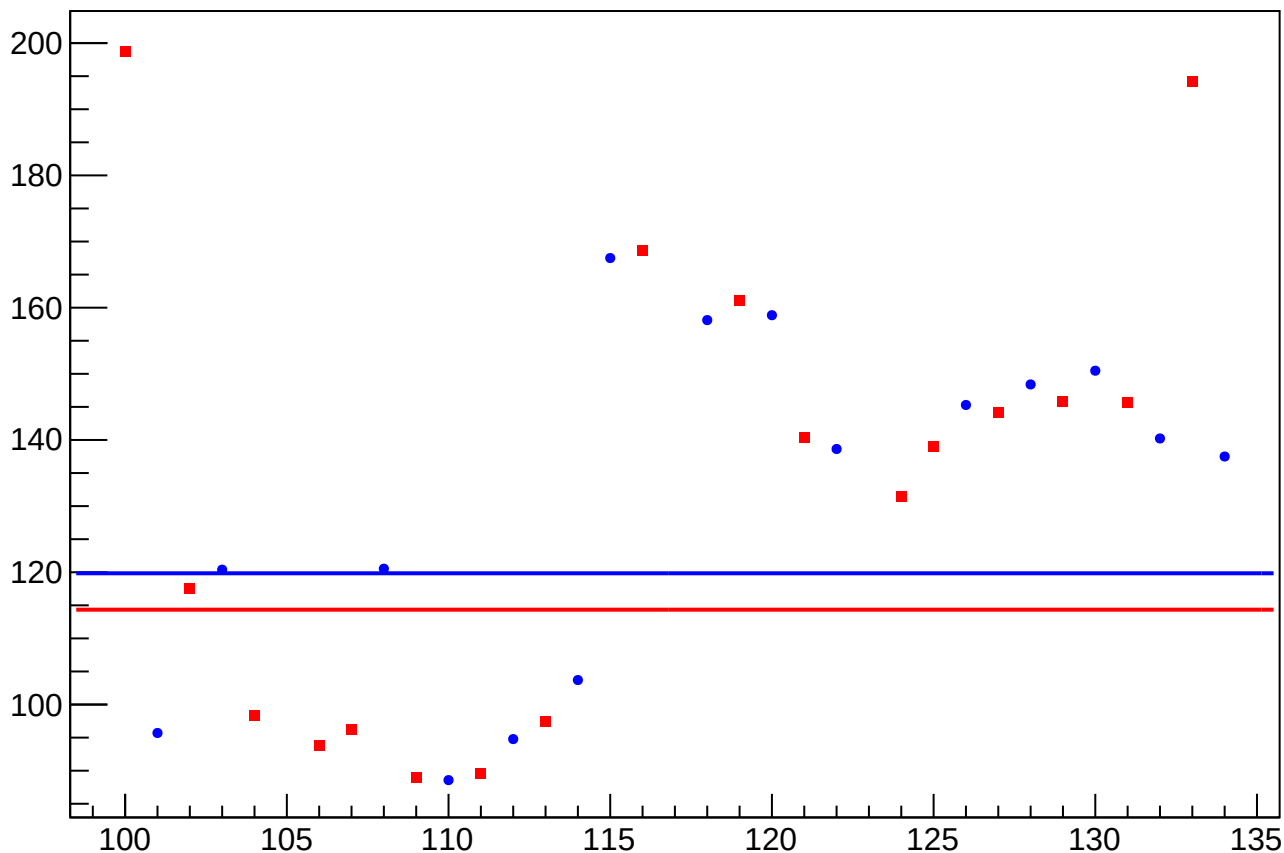
Right: -18.527 ± 33.325 χ^2/NDF : 37.1/31

In: -35.127 ± 48.902 χ^2/NDF : 23.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.527 ± 33.325 χ^2/NDF : 37.1/31

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.845+/-0.035 χ^2/NDF : 527685.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.344+/-0.032 χ^2/NDF : 755560.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

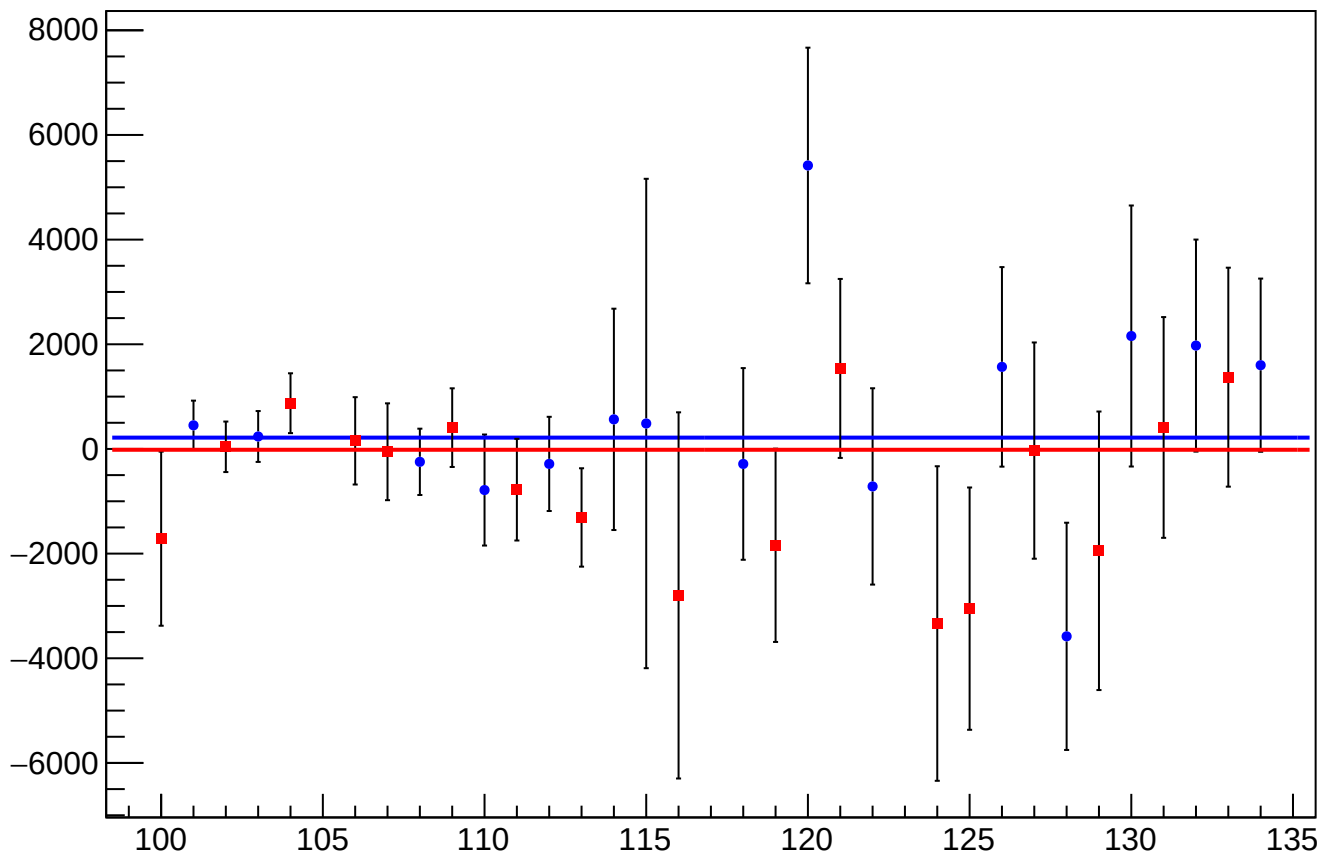
Right: 116.899+/-0.024 χ^2/NDF : 1296800.8/31

In: 119.845+/-0.035 χ^2/NDF : 527685.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.899+/-0.024 χ^2/NDF : 1296800.8/31

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 216.434+/-252.774 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.906+/-249.036 χ^2/NDF : 12.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

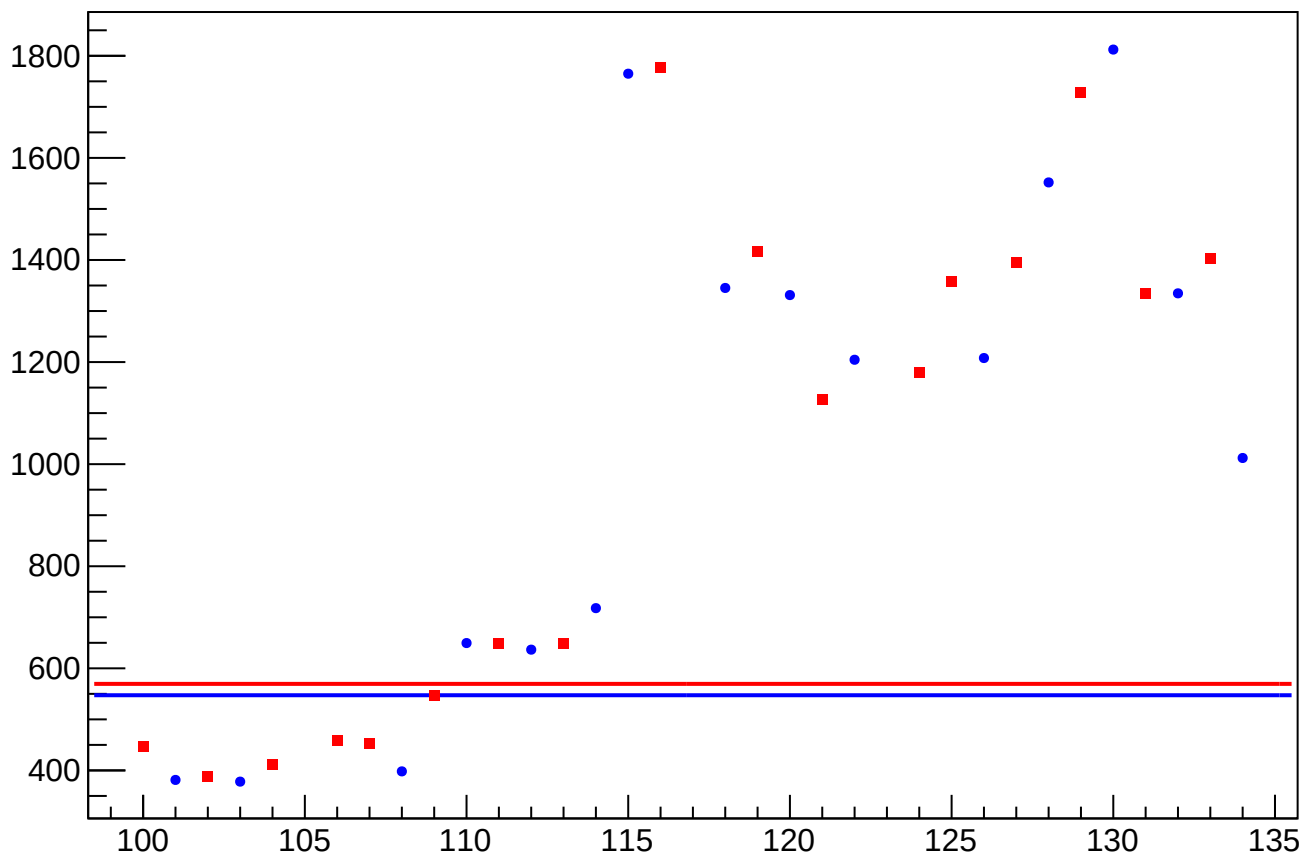
Right: 98.533+/-177.402 χ^2/NDF : 26.5/31

In: 216.434+/-252.774 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.533+/-177.402 χ^2/NDF : 26.5/31

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 547.295+/-0.179 χ^2/NDF : 3298286.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.544+/-0.176 χ^2/NDF : 3008190.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

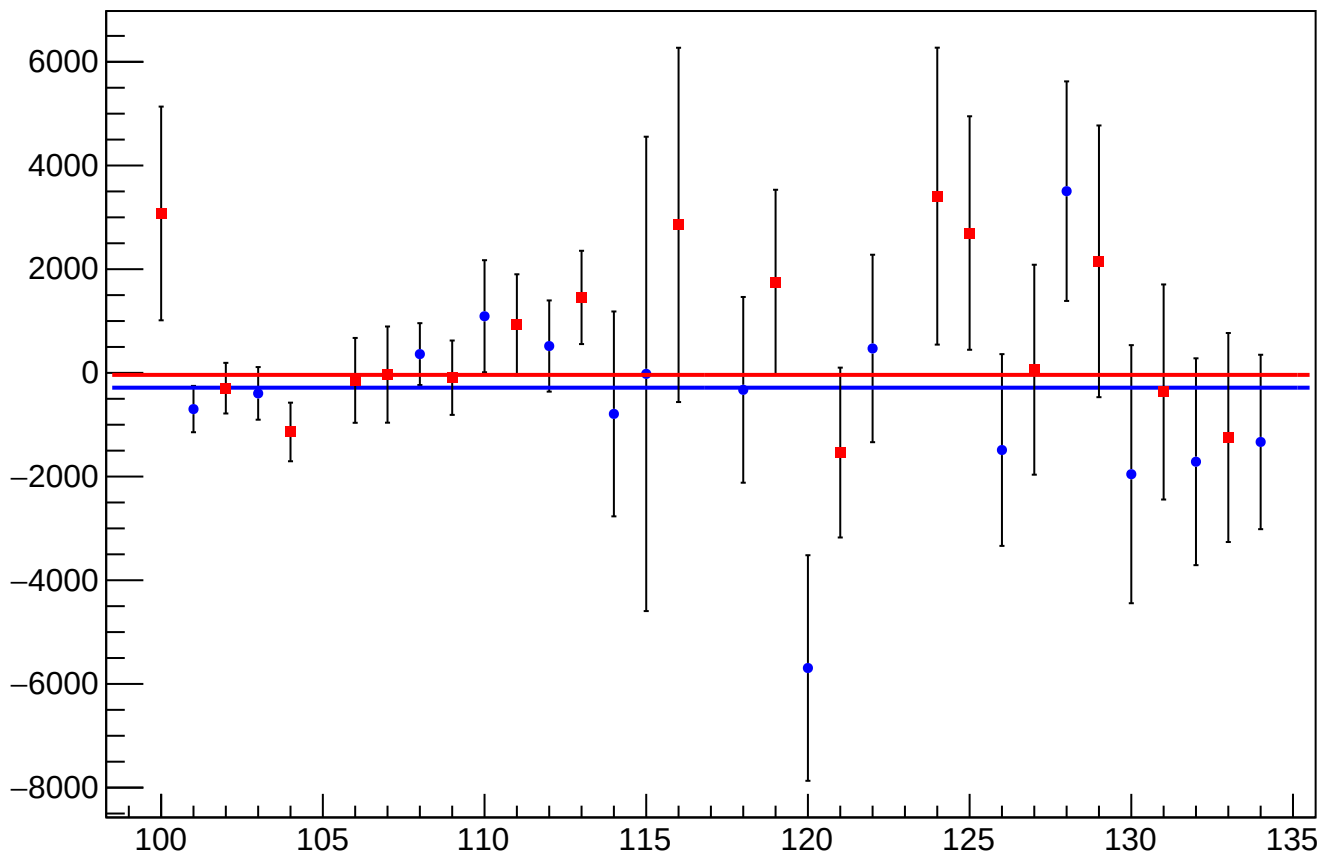
Right: 558.585+/-0.125 χ^2/NDF : 6314340.1/31

In: 547.295+/-0.179 χ^2/NDF : 3298286.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.585+/-0.125 χ^2/NDF : 6314340.1/31

asym_sam6_mean vs Slug, Sign Corrected



Right In: -285.610 ± 247.984 χ^2/NDF : 15.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.741 ± 246.896 χ^2/NDF : 16.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

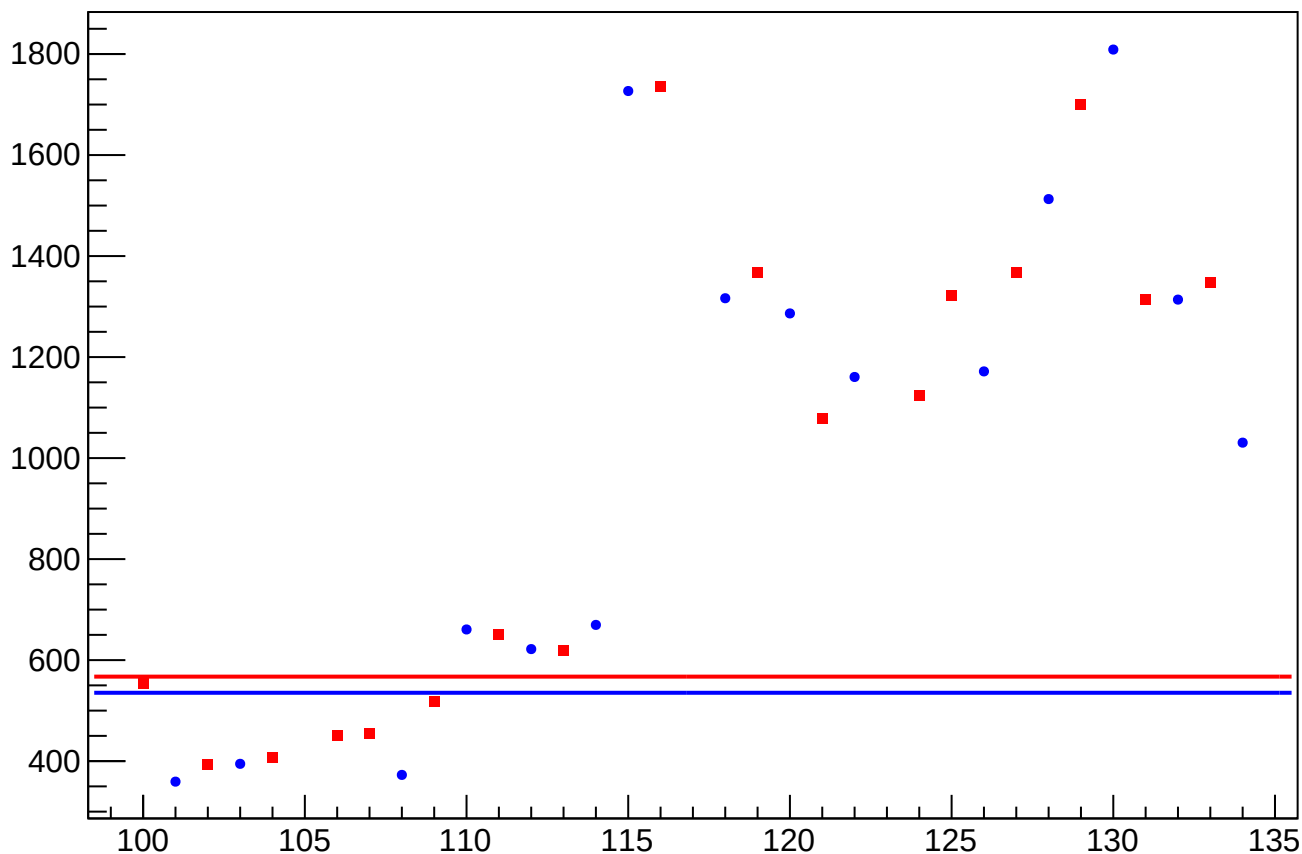
Right: -161.633 ± 174.965 χ^2/NDF : 33.1/31

In: -285.610 ± 247.984 χ^2/NDF : 15.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -161.633 ± 174.965 χ^2/NDF : 33.1/31

asym_sam6_rms vs Slug, Sign Corrected



Right In: 535.332+/-0.175 χ^2/NDF : 3325627.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.309+/-0.175 χ^2/NDF : 2894091.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

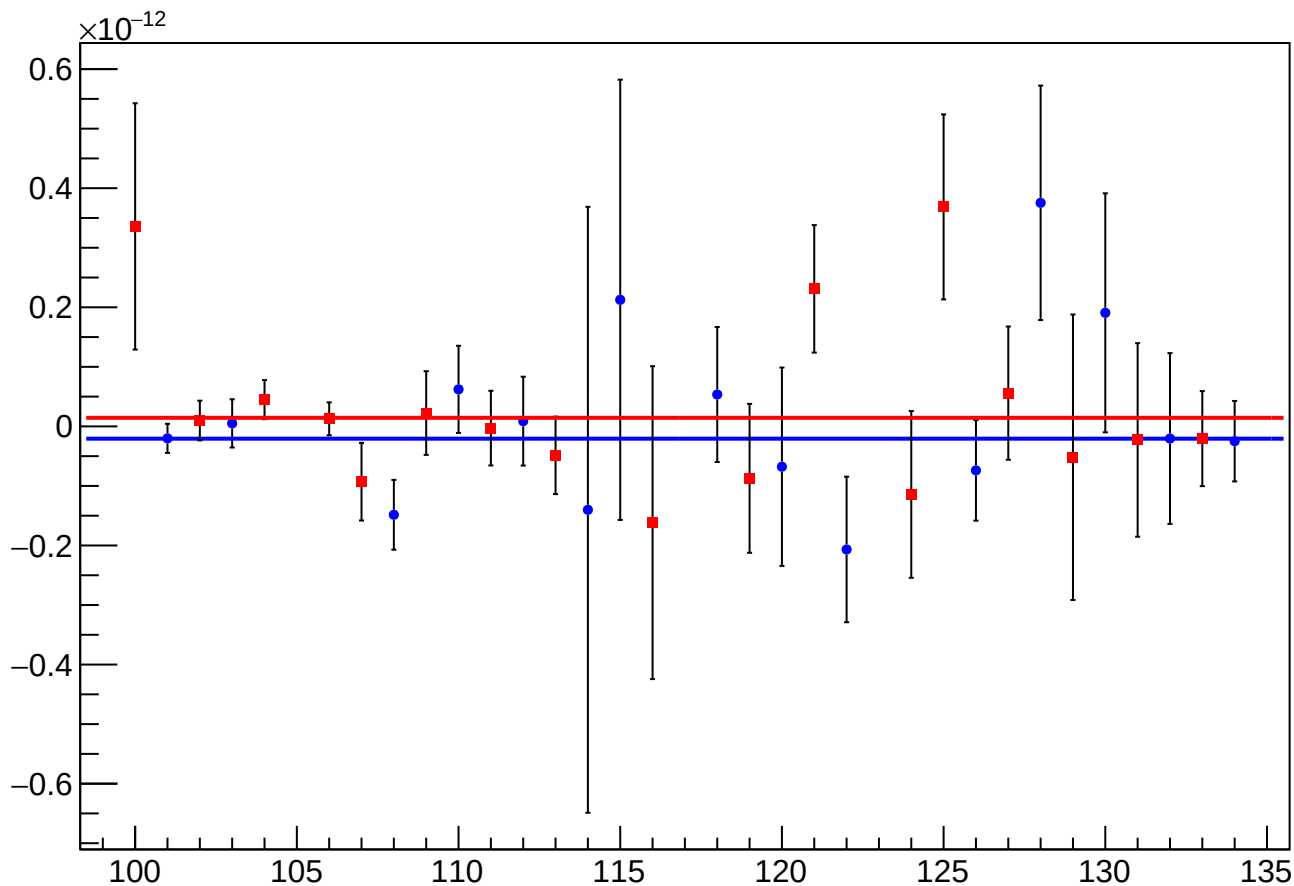
Right: 551.391+/-0.124 χ^2/NDF : 6236419.6/31

In: 535.332+/-0.175 χ^2/NDF : 3325627.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.391+/-0.124 χ^2/NDF : 6236419.6/31

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 18.7/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

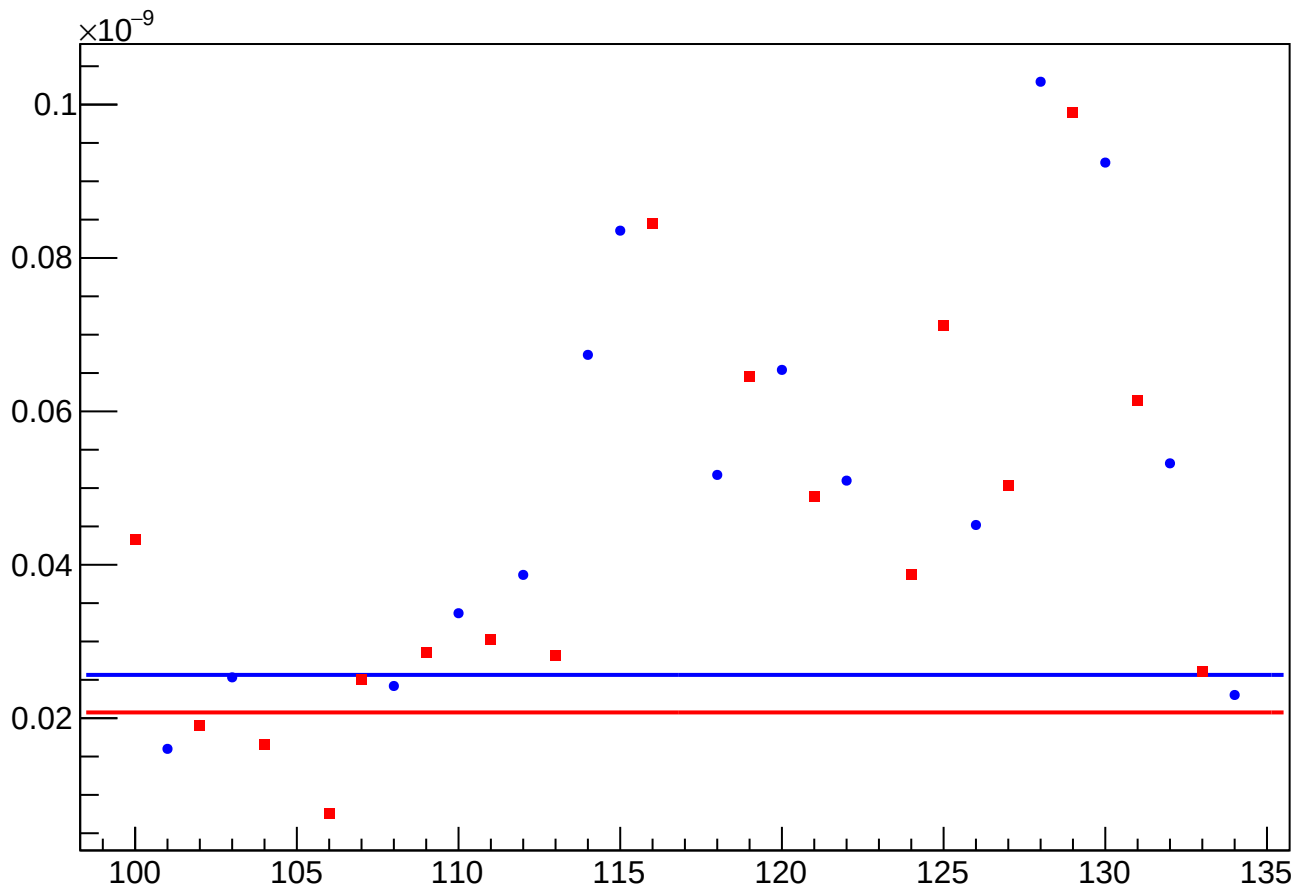
Right: -0.000+/-0.000 χ^2 /NDF: 36.7/31

In: -0.000+/-0.000 χ^2 /NDF:15.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 36.7/31

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1480150.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1855526.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

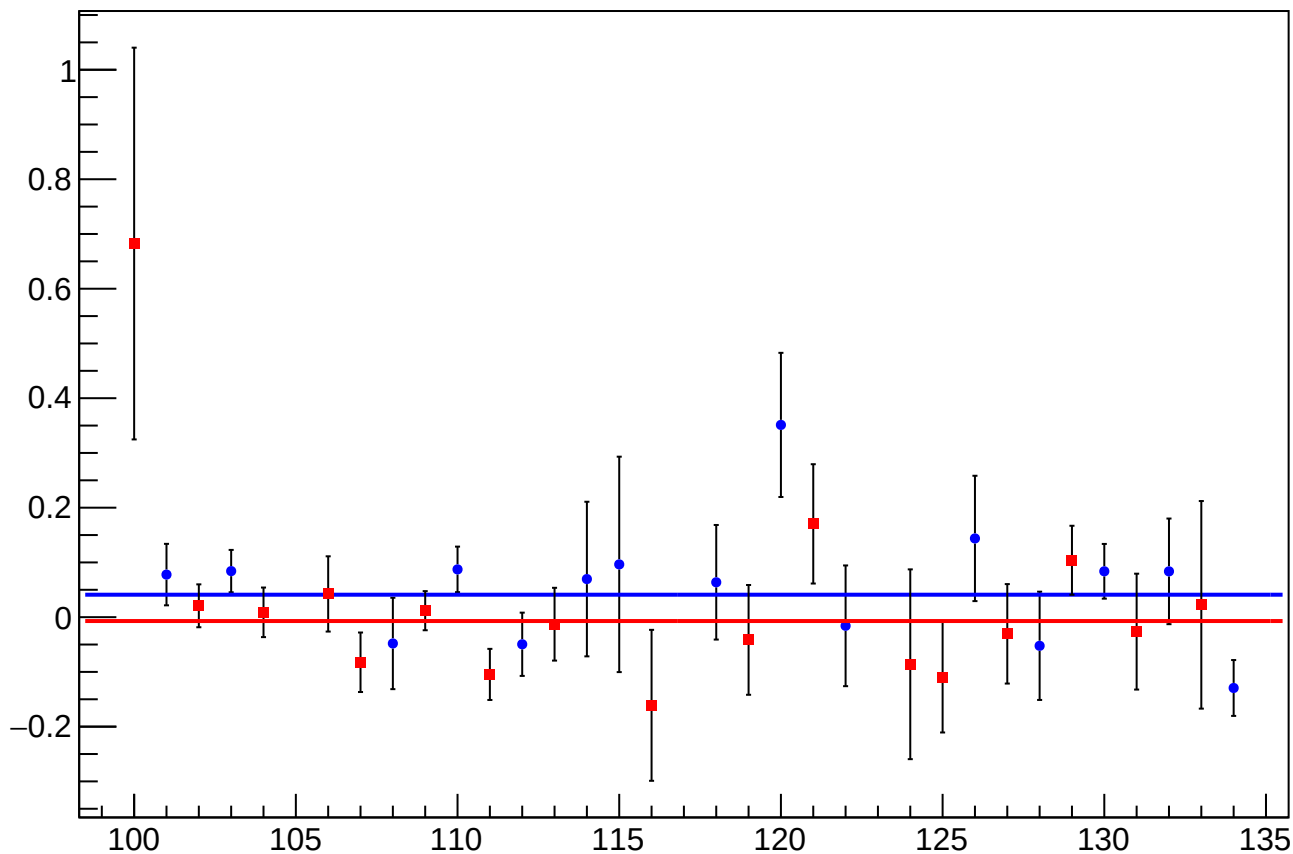
Right: 0.000+/-0.000 χ^2/NDF : 3432607.6/31

In: 0.000+/-0.000 χ^2/NDF : 1480150.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3432607.6/31

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

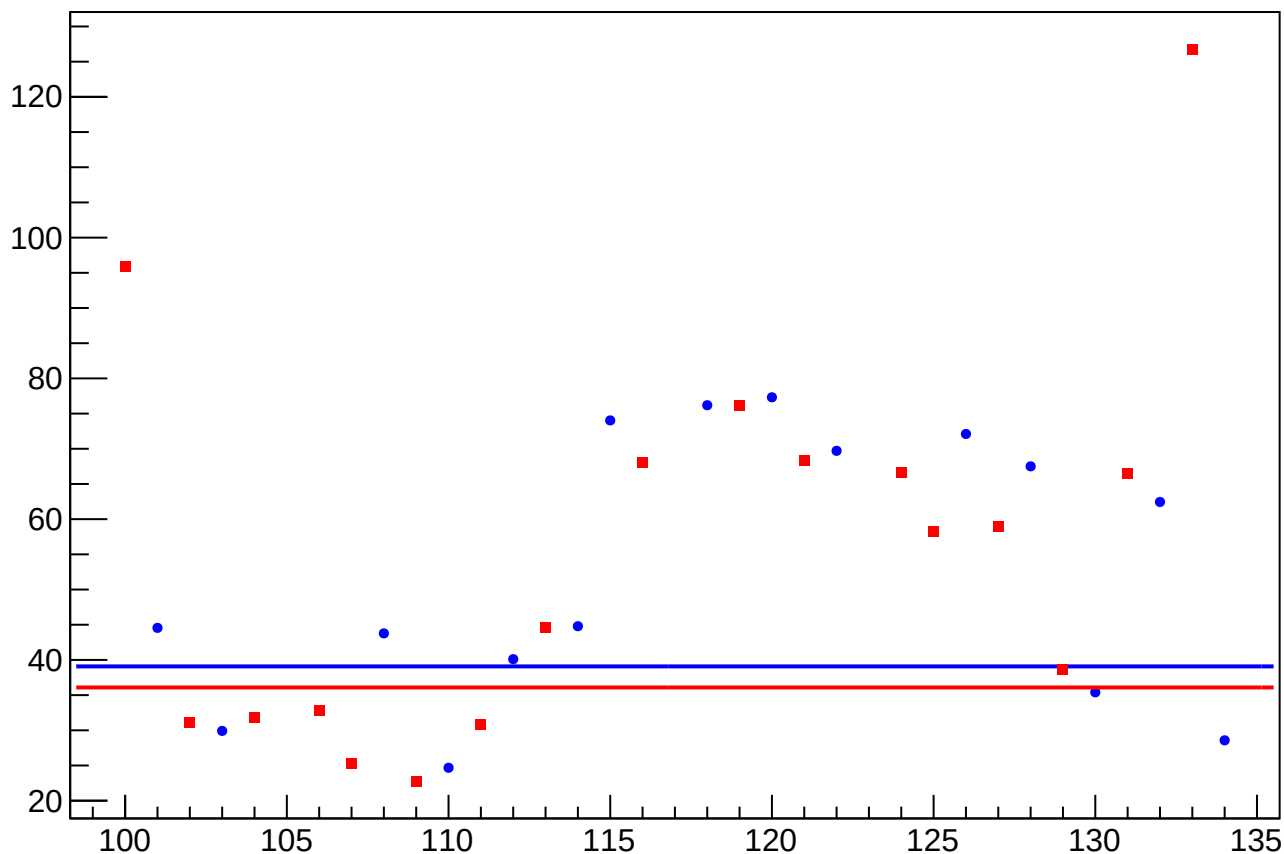
Right: 0.015+/-0.012 χ^2/NDF : 50.4/31

In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.012 χ^2/NDF : 50.4/31

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.082+/-0.012 χ^2/NDF : 1563240.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.088+/-0.011 χ^2/NDF : 2040926.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

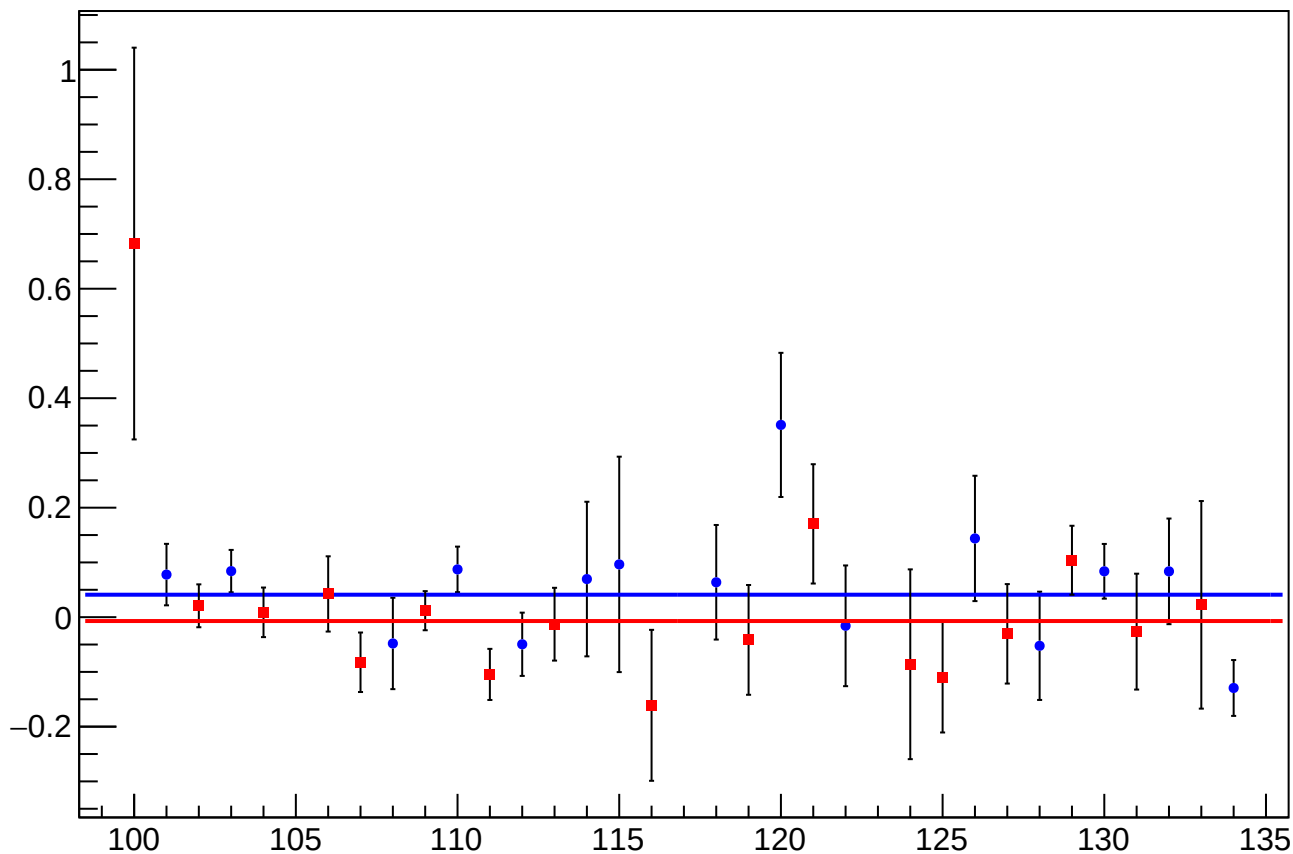
Right: 37.456+/-0.008 χ^2/NDF : 3637104.8/31

In: 39.082+/-0.012 χ^2/NDF :1563240.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.456+/-0.008 χ^2/NDF : 3637104.8/31

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

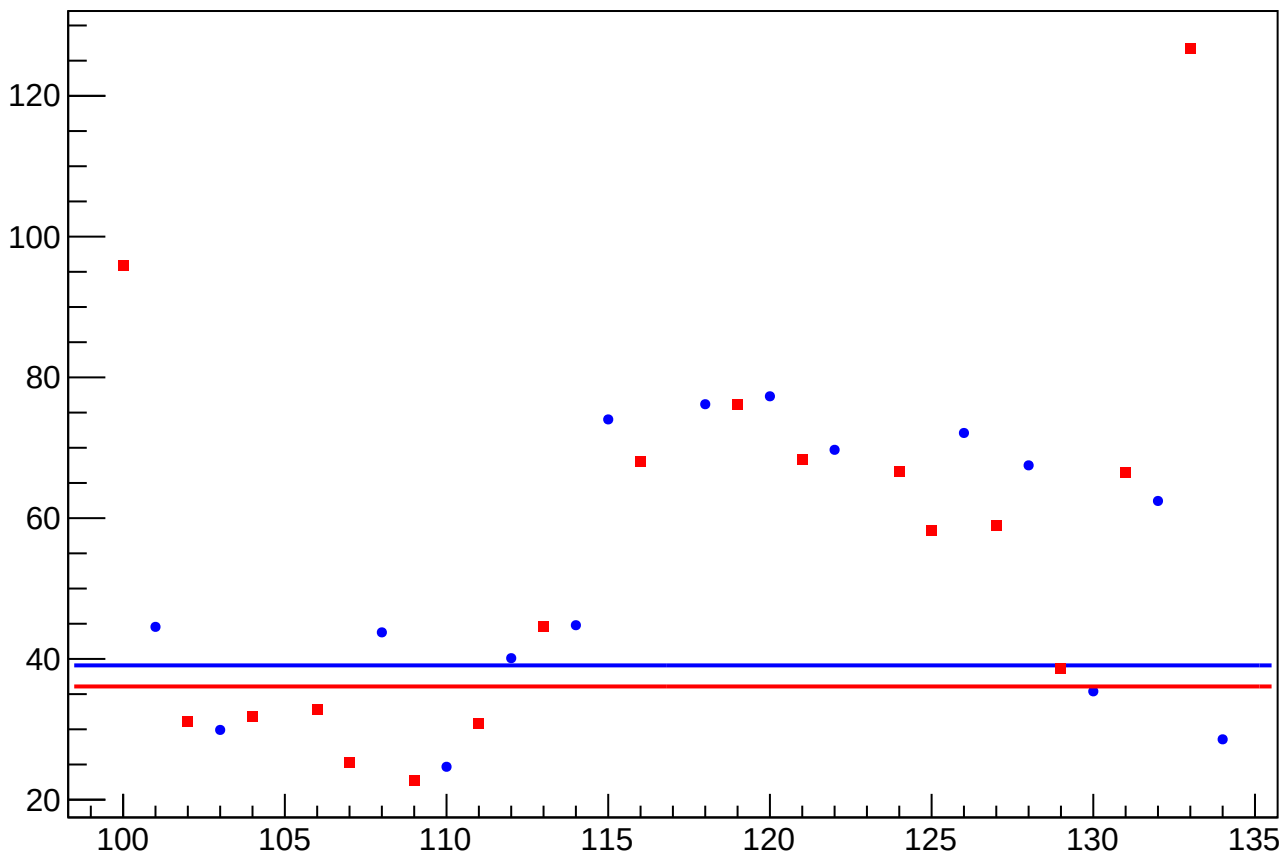
Right: 0.015+/-0.012 χ^2/NDF : 50.4/31

In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.012 χ^2/NDF : 50.4/31

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.082+/-0.012 χ^2/NDF : 1563240.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.088+/-0.011 χ^2/NDF : 2040926.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

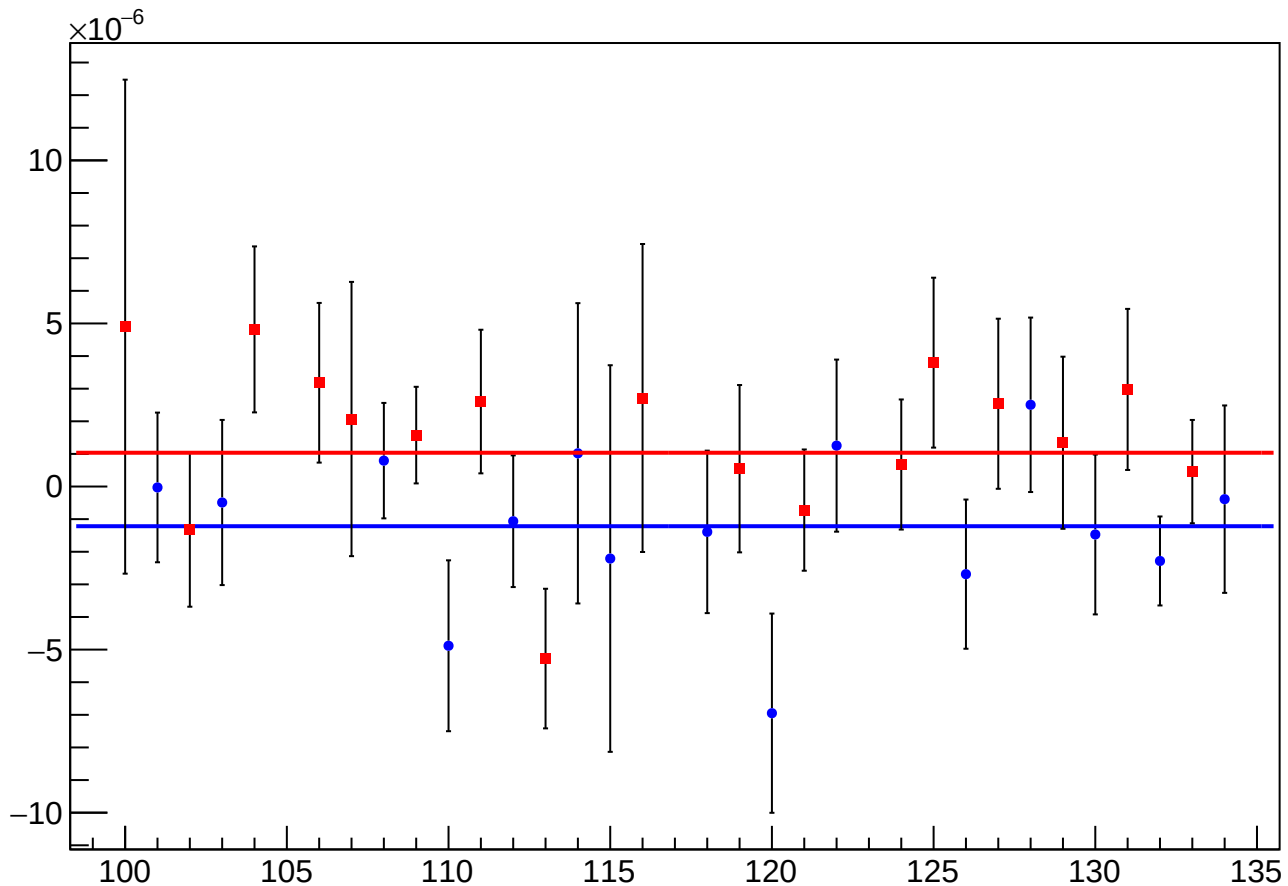
Right: 37.456+/-0.008 χ^2/NDF : 3637104.8/31

In: 39.082+/-0.012 χ^2/NDF : 1563240.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.456+/-0.008 χ^2/NDF : 3637104.8/31

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 16.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

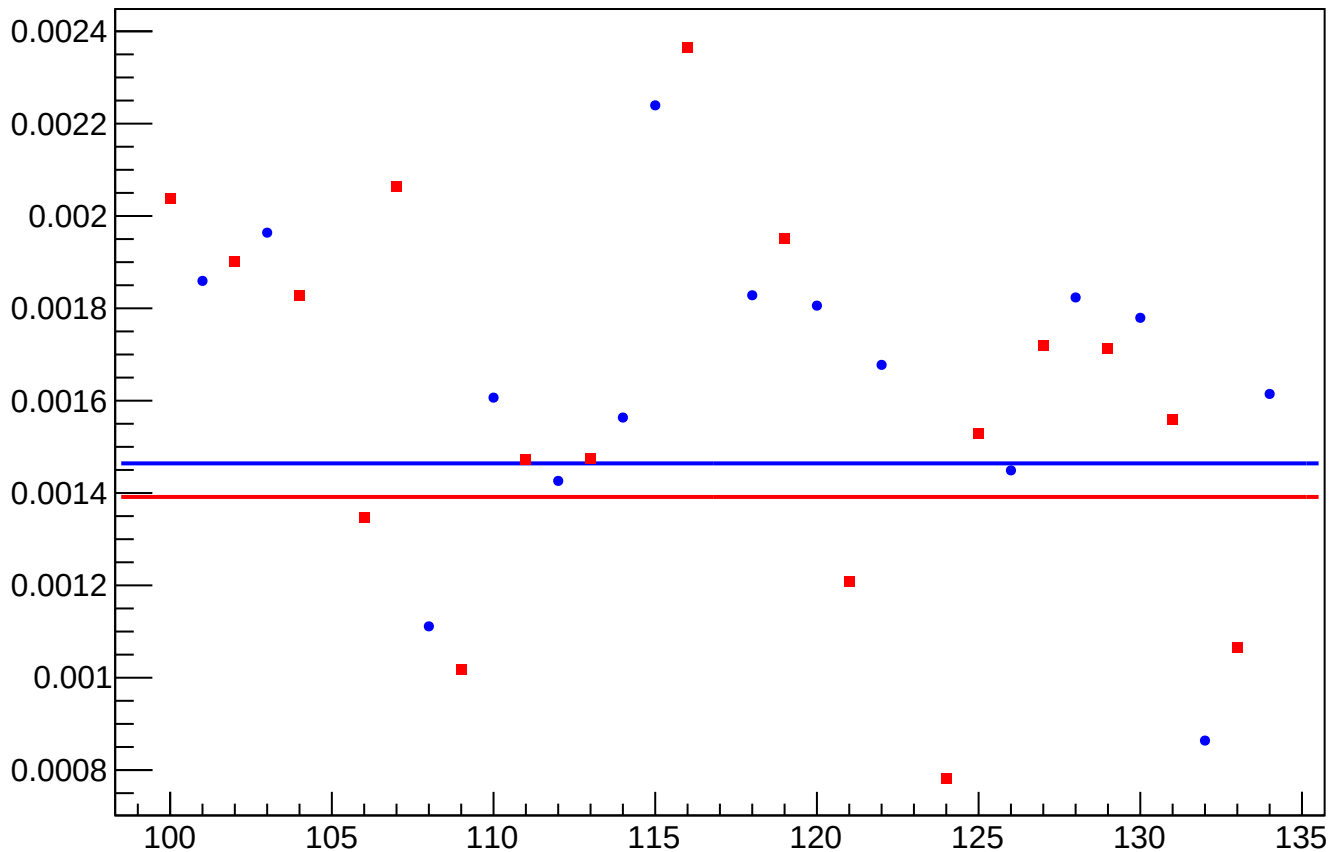
Right: 0.000 ± 0.000 χ^2/NDF : 35.7/31

In: -0.000 ± 0.000 χ^2/NDF : 11.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 35.7/31

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 801411.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 898292.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

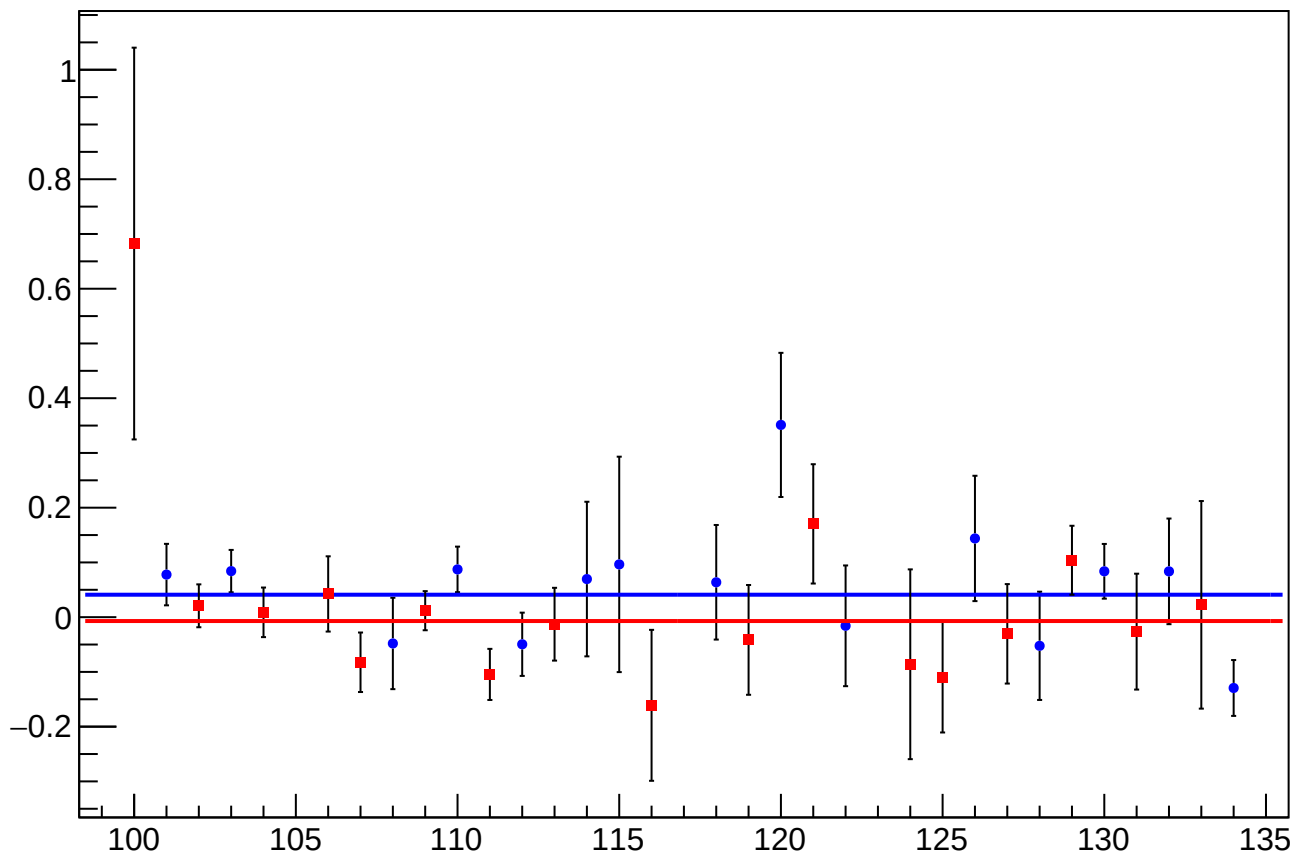
Right: 0.001+/-0.000 χ^2/NDF : 1715163.7/31

In: 0.001+/-0.000 χ^2/NDF :801411.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1715163.7/31

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.017 χ^2/NDF : 26.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2/NDF : 19.9/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

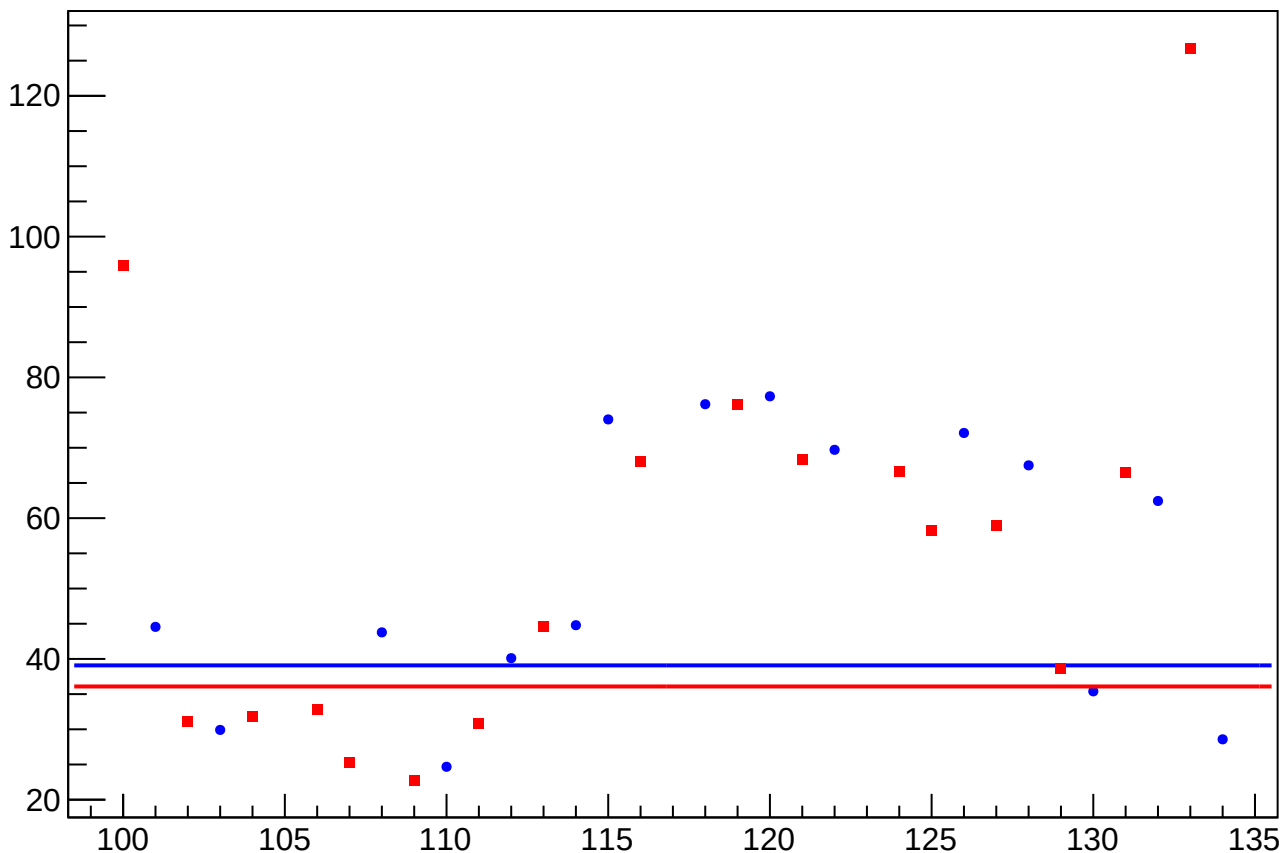
Right: 0.015 $\pm$ 0.012 χ^2/NDF : 50.4/31

In: 0.041 $\pm$ 0.017 χ^2/NDF : 26.3/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.015 $\pm$ 0.012 χ^2/NDF : 50.4/31

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.081+/-0.012 χ^2/NDF : 1563259.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.088+/-0.011 χ^2/NDF : 2040921.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

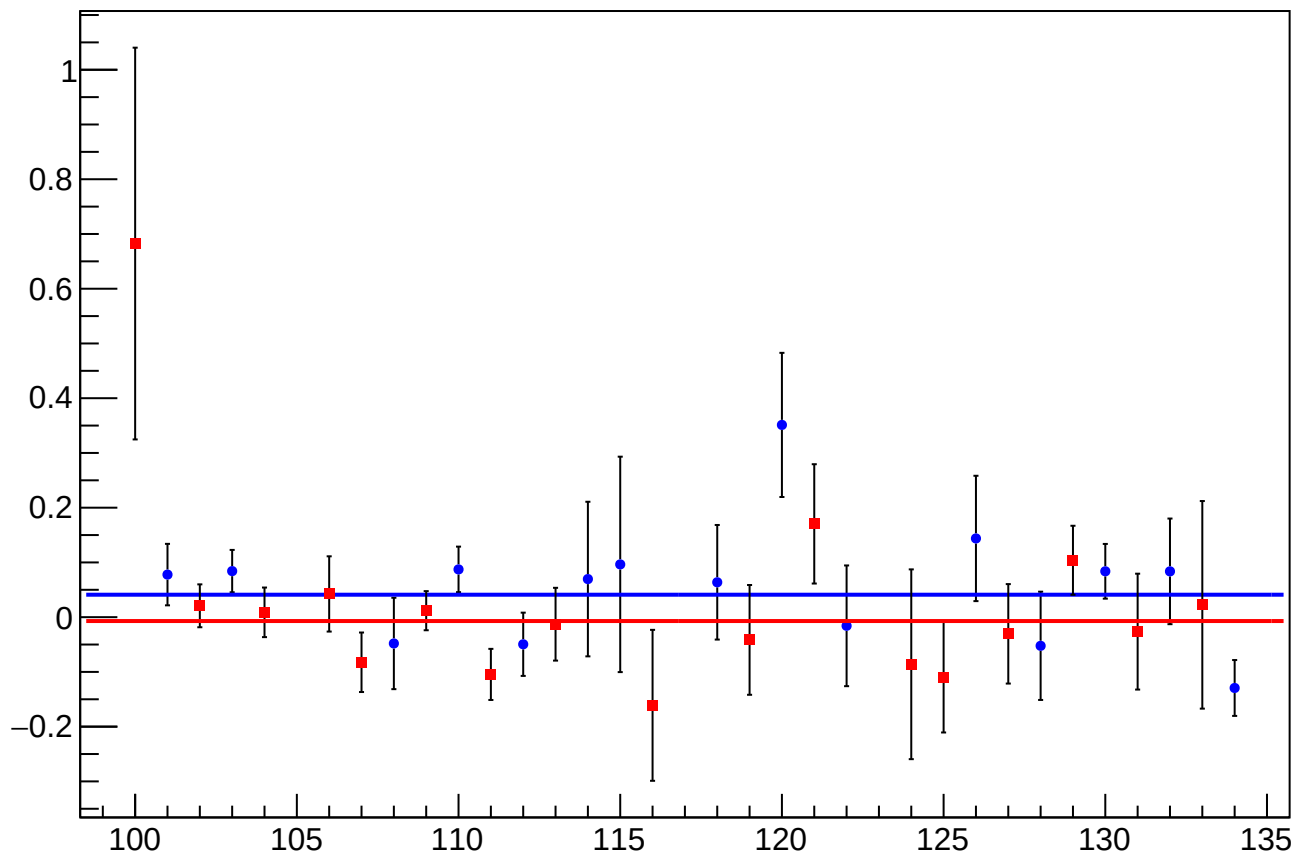
Right: 37.455+/-0.008 χ^2/NDF : 3637113.1/31

In: 39.081+/-0.012 χ^2/NDF :1563259.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.455+/-0.008 χ^2/NDF : 3637113.1/31

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

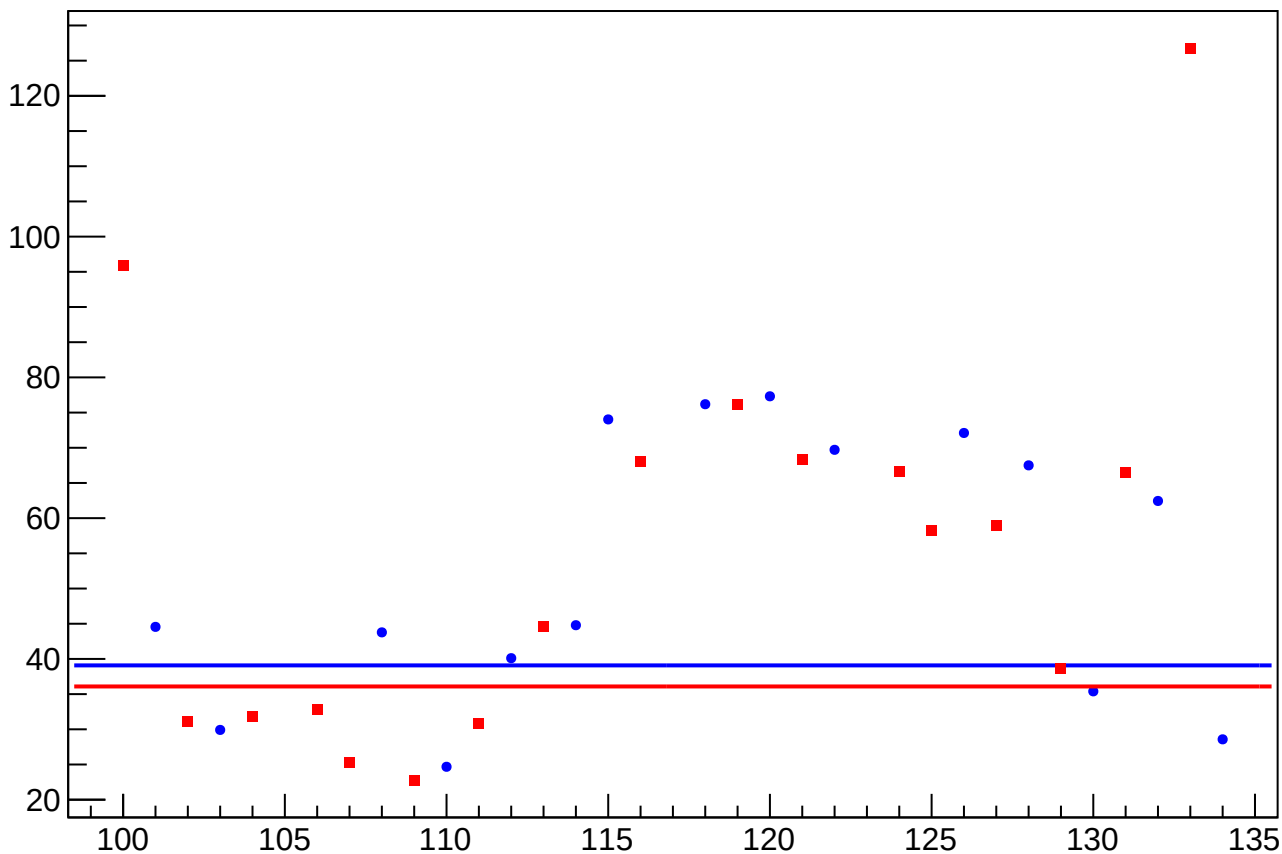
Right: 0.015+/-0.012 χ^2/NDF : 50.4/31

In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.012 χ^2/NDF : 50.4/31

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.081+/-0.012 χ^2/NDF : 1563259.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.088+/-0.011 χ^2/NDF : 2040921.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

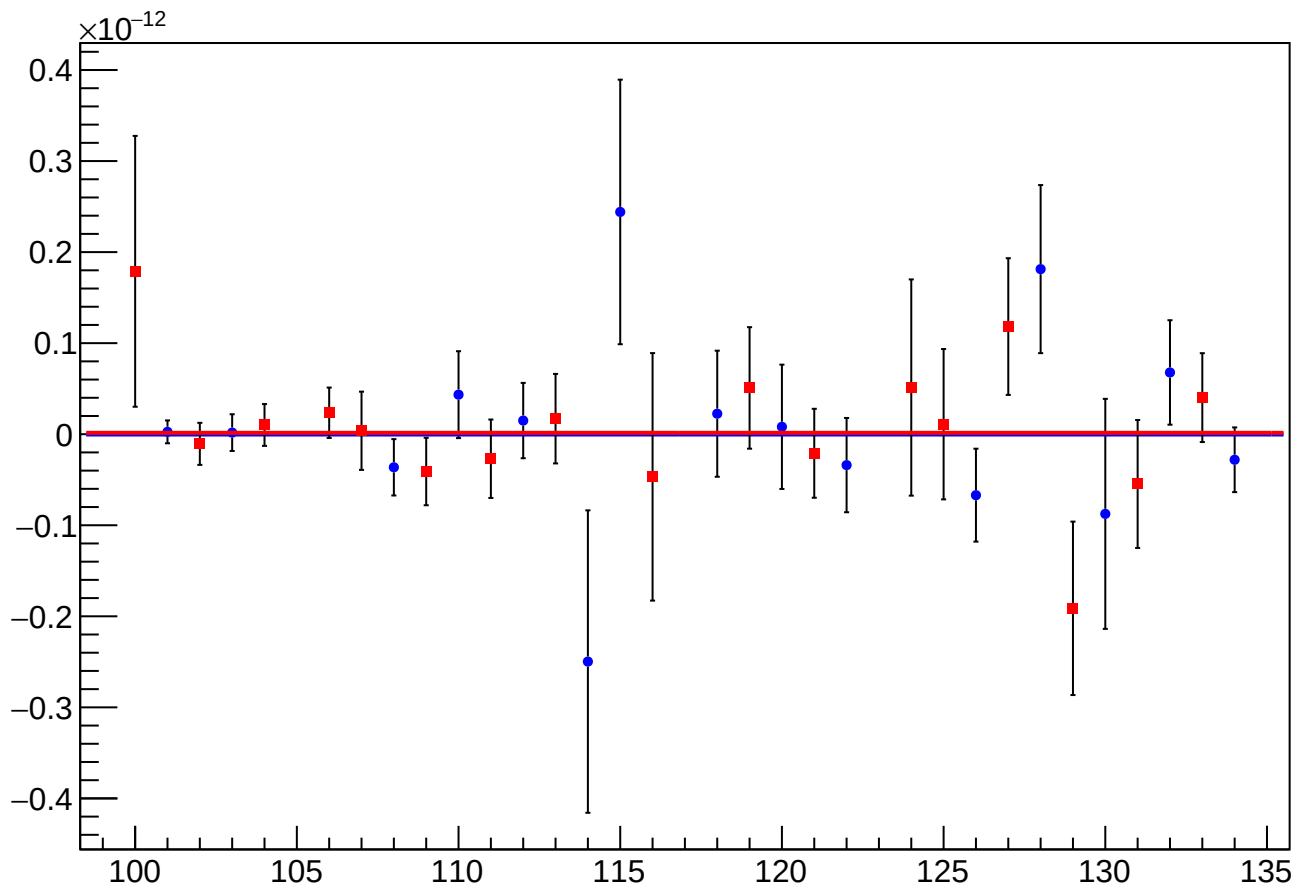
Right: 37.455+/-0.008 χ^2/NDF : 3637113.1/31

In: 39.081+/-0.012 χ^2/NDF : 1563259.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.455+/-0.008 χ^2/NDF : 3637113.1/31

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

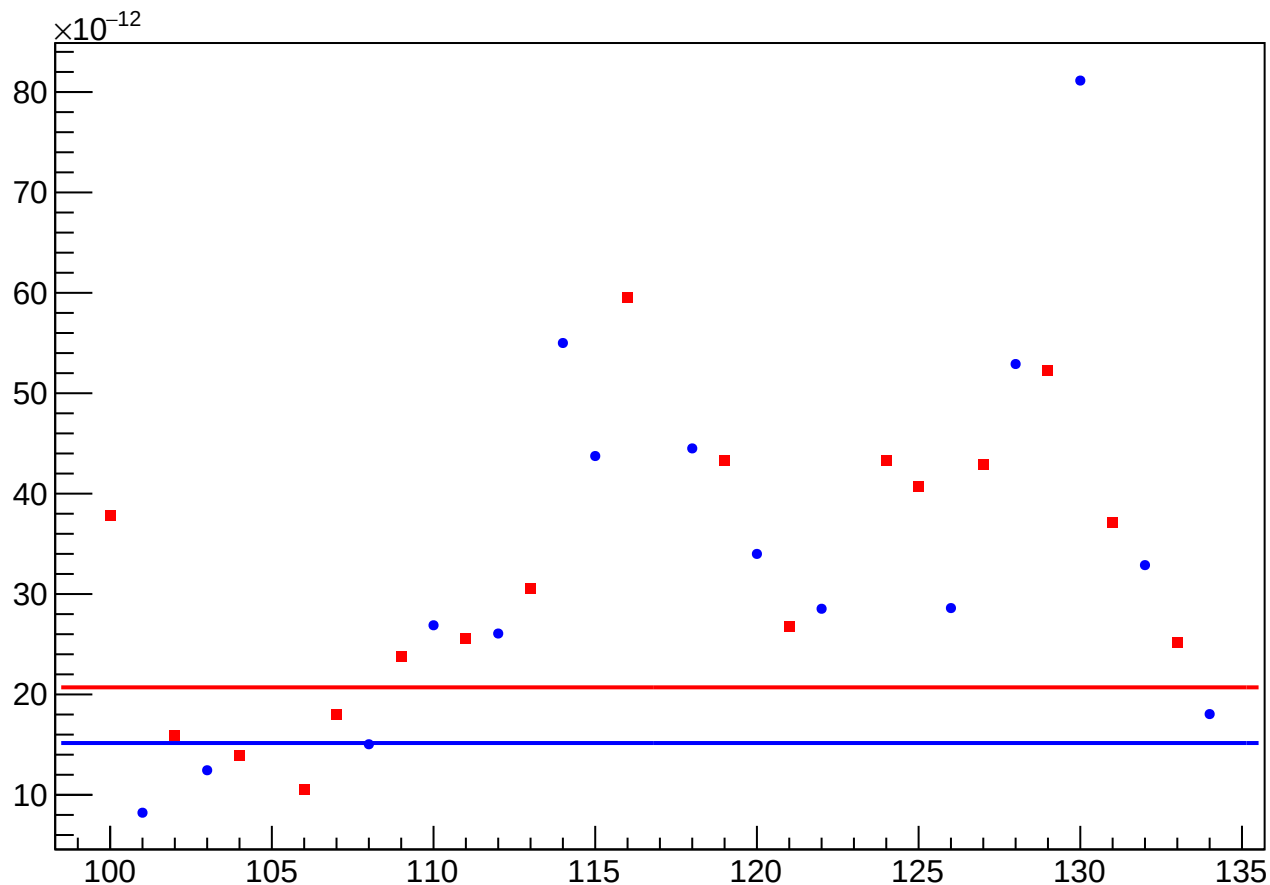
Right: 0.000+/-0.000 χ^2/NDF : 29.3/31

In: -0.000+/-0.000 χ^2/NDF :16.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/31

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2968116.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1822067.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

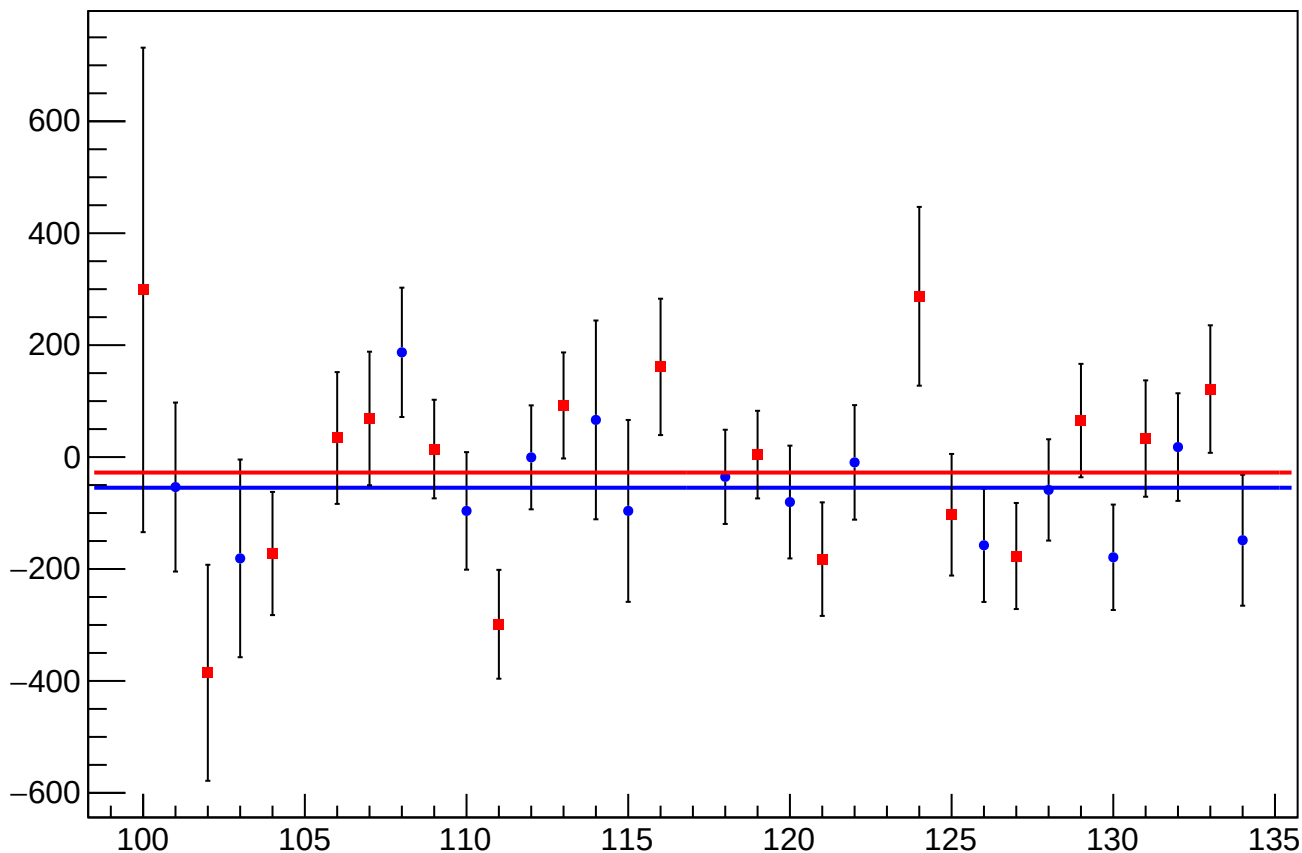
Right: 0.000+/-0.000 χ^2/NDF : 5125202.6/31

In: 0.000+/-0.000 χ^2/NDF : 2968116.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5125202.6/31

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -54.802 $\pm$ 27.998 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.664 $\pm$ 26.415 χ^2 /NDF: 30.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

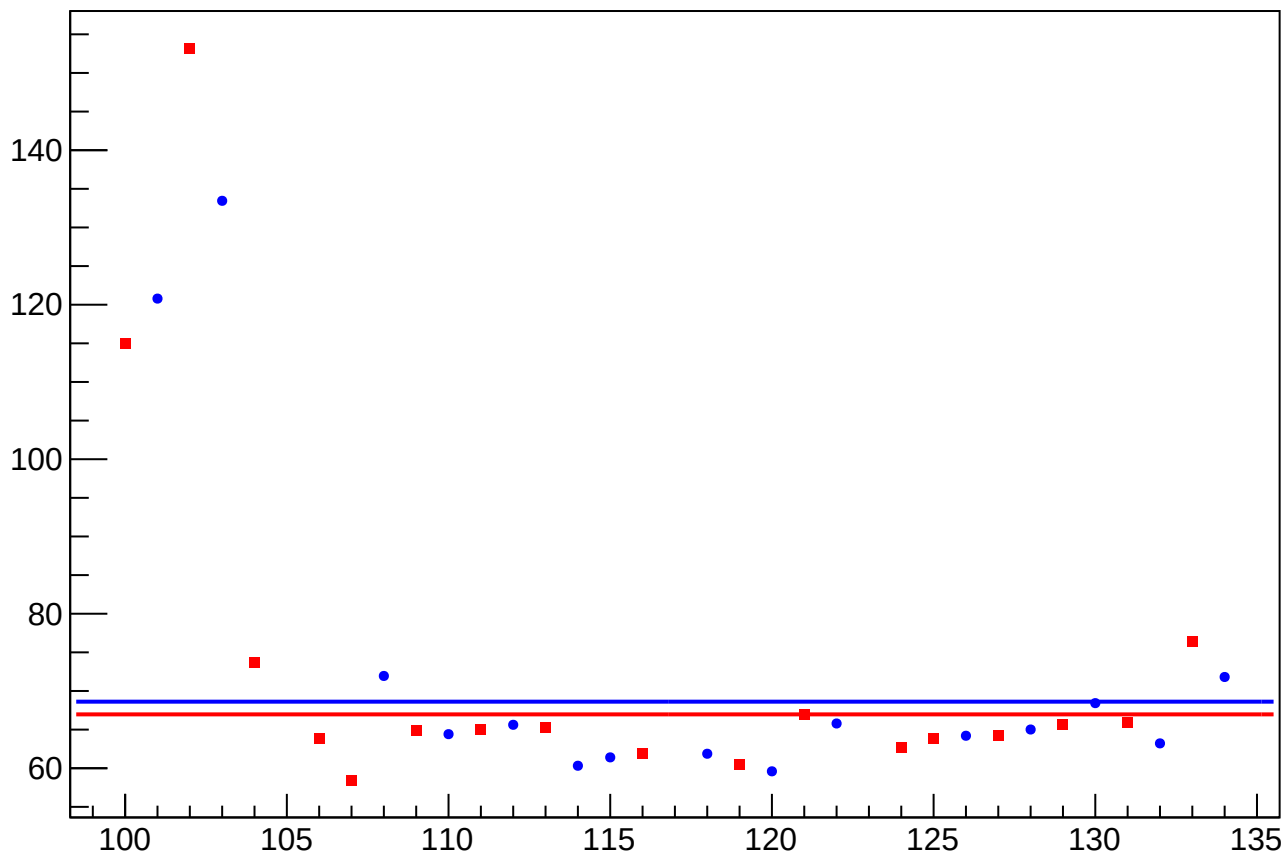
Right: -40.444 $\pm$ 19.214 χ^2 /NDF: 41.6/31

In: -54.802 $\pm$ 27.998 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.444 $\pm$ 19.214 χ^2 /NDF: 41.6/31

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.617+/-0.020 χ^2/NDF : 568687.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.972+/-0.019 χ^2/NDF : 481069.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

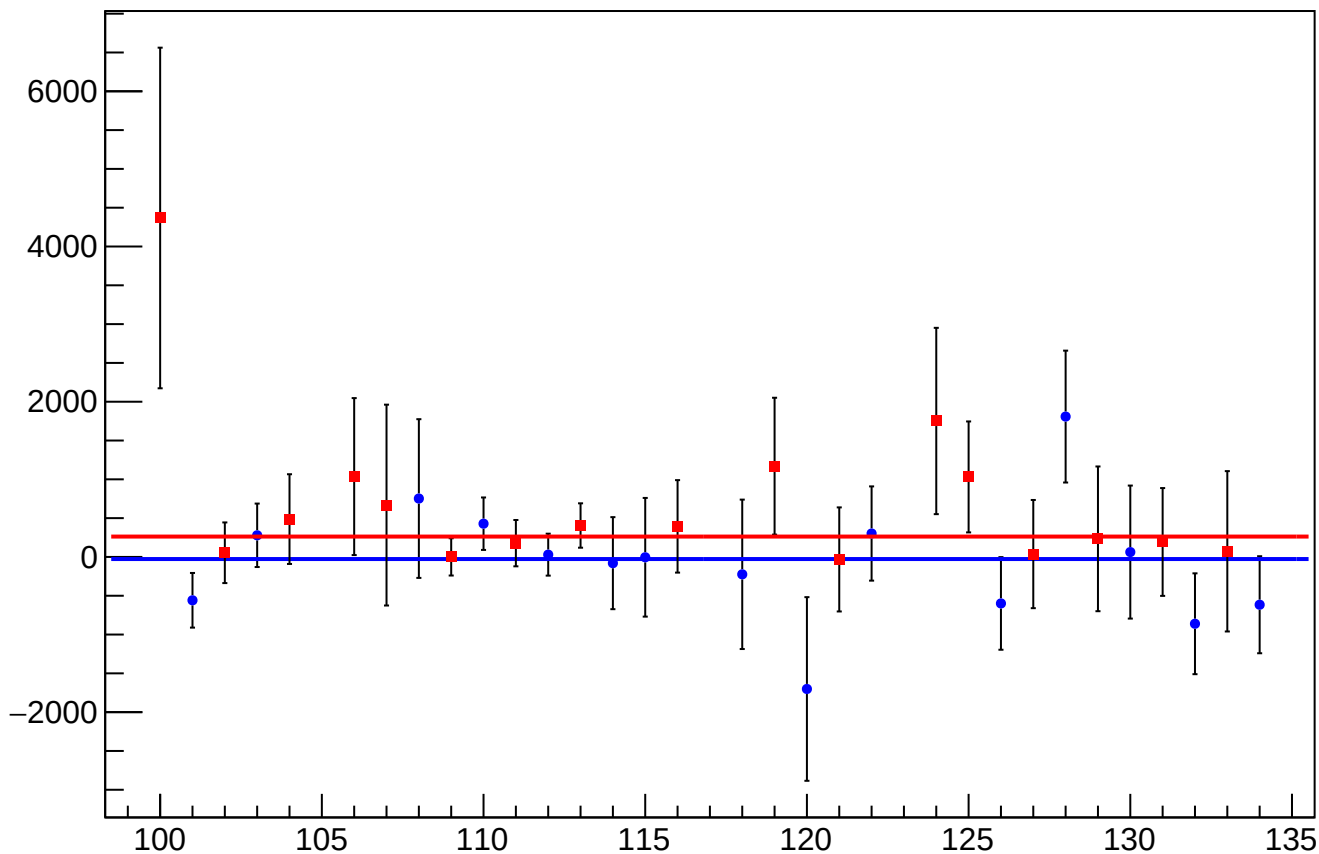
Right: 67.747+/-0.014 χ^2/NDF : 1053409.5/31

In: 68.617+/-0.020 χ^2/NDF : 568687.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.747+/-0.014 χ^2/NDF : 1053409.5/31

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -27.082 ± 132.448 $\chi^2/\text{NDF}: 15.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 262.501 ± 121.870 $\chi^2/\text{NDF}: 10.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

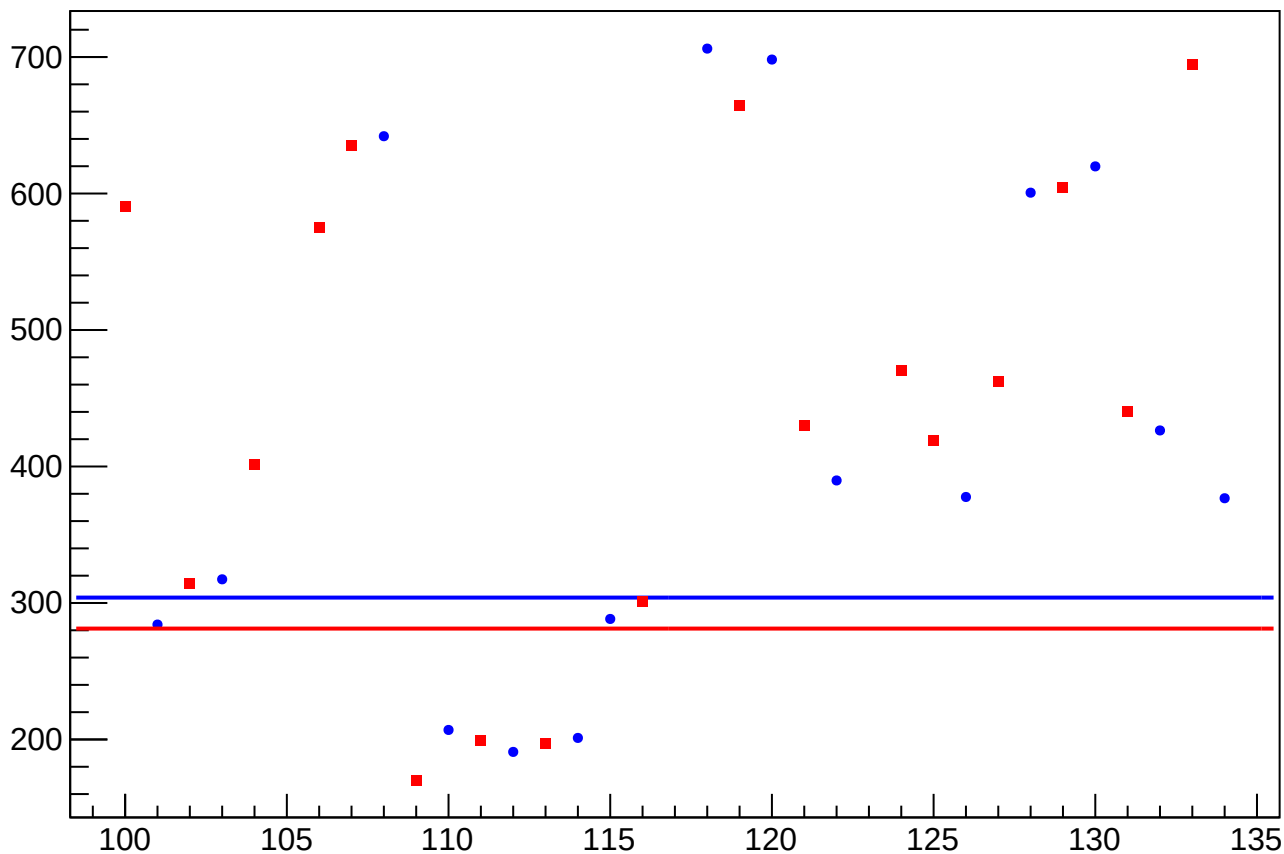
Right: 129.733 ± 89.682 $\chi^2/\text{NDF}: 28.6/31$

In: -27.082 ± 132.448 $\chi^2/\text{NDF}: 15.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 129.733 ± 89.682 $\chi^2/\text{NDF}: 28.6/31$

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 303.953+/-0.094 χ^2/NDF : 2058445.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.243+/-0.086 χ^2/NDF : 2615982.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

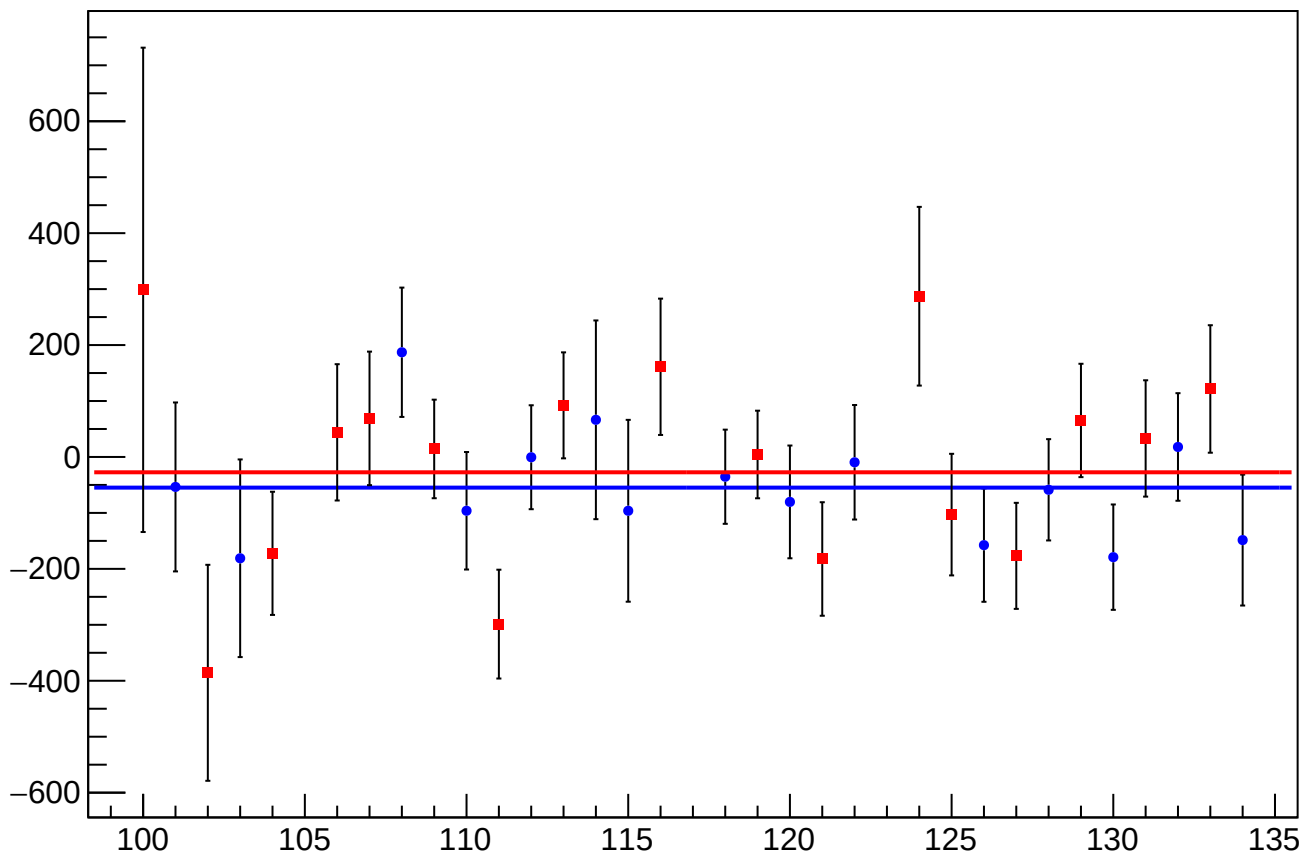
Right: 291.655+/-0.063 χ^2/NDF : 4706270.6/31

In: 303.953+/-0.094 χ^2/NDF : 2058445.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.655+/-0.063 χ^2/NDF : 4706270.6/31

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -54.802 ± 27.998 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.402 ± 26.459 χ^2/NDF : 31.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

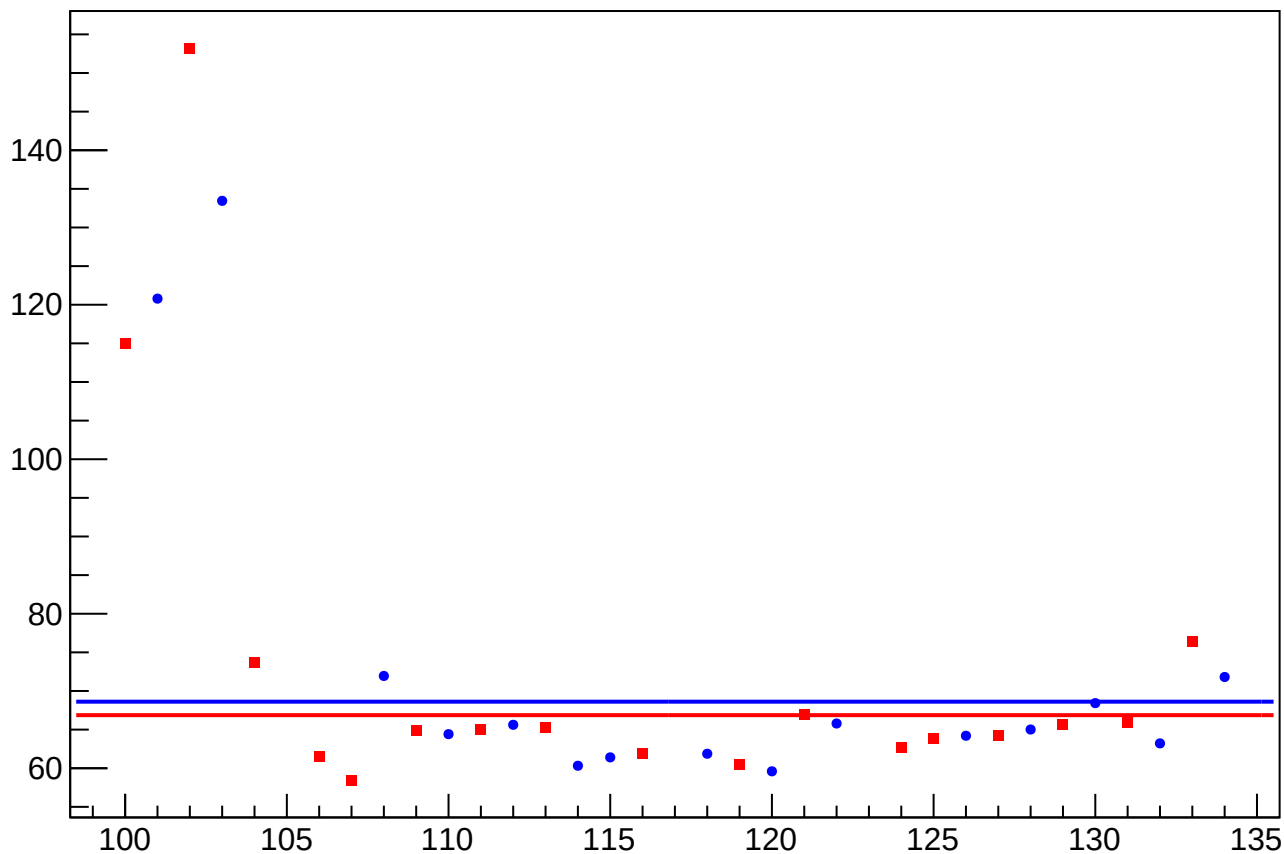
Right: -40.329 ± 19.230 χ^2/NDF : 41.7/31

In: -54.802 ± 27.998 χ^2/NDF : 10.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.329 ± 19.230 χ^2/NDF : 41.7/31

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.617+/-0.020 χ^2/NDF : 568687.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.871+/-0.019 χ^2/NDF : 483672.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

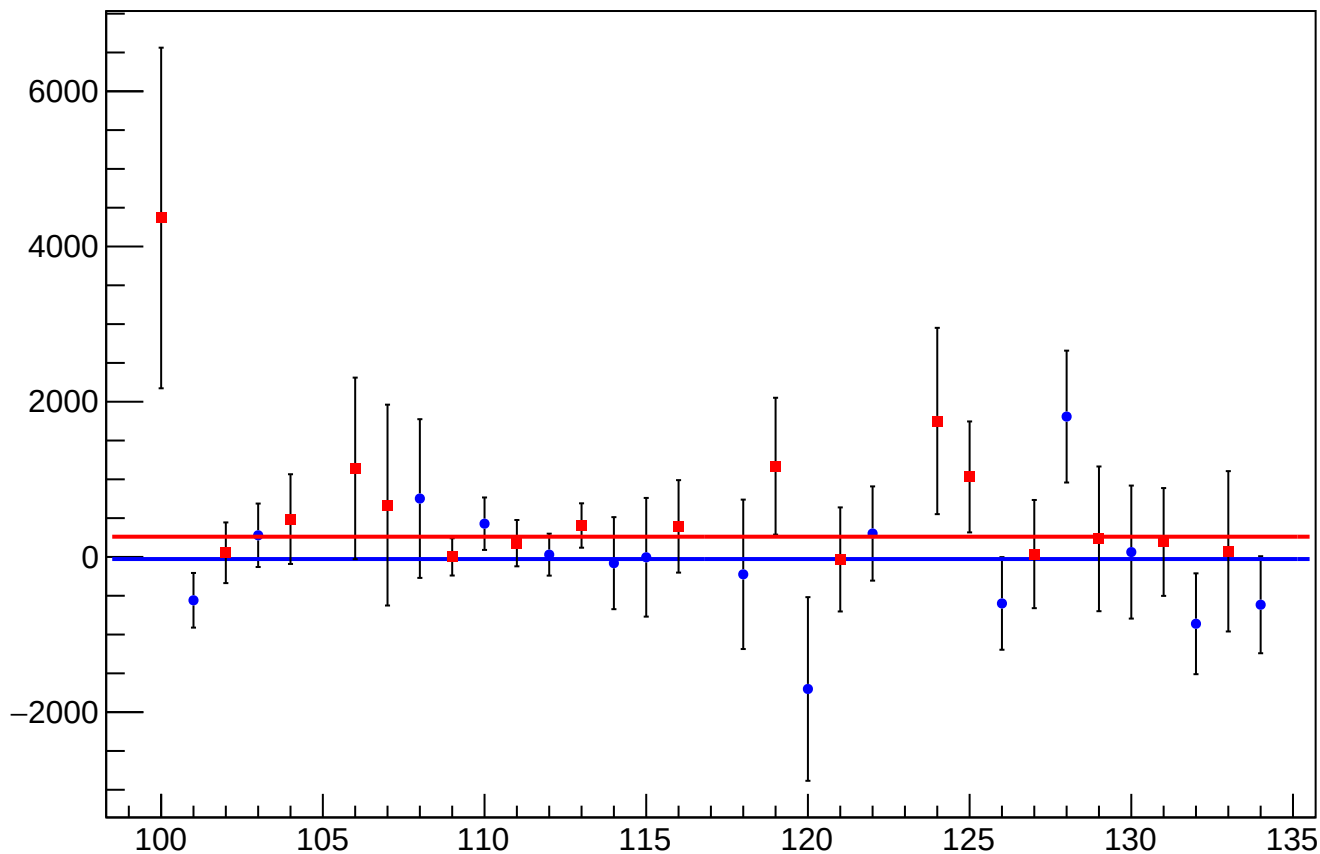
Right: 67.695+/-0.014 χ^2/NDF : 1056470.9/31

In: 68.617+/-0.020 χ^2/NDF : 568687.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.695+/-0.014 χ^2/NDF : 1056470.9/31

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: -27.076 ± 132.449 $\chi^2/\text{NDF}: 15.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 260.824 ± 122.099 $\chi^2/\text{NDF}: 10.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

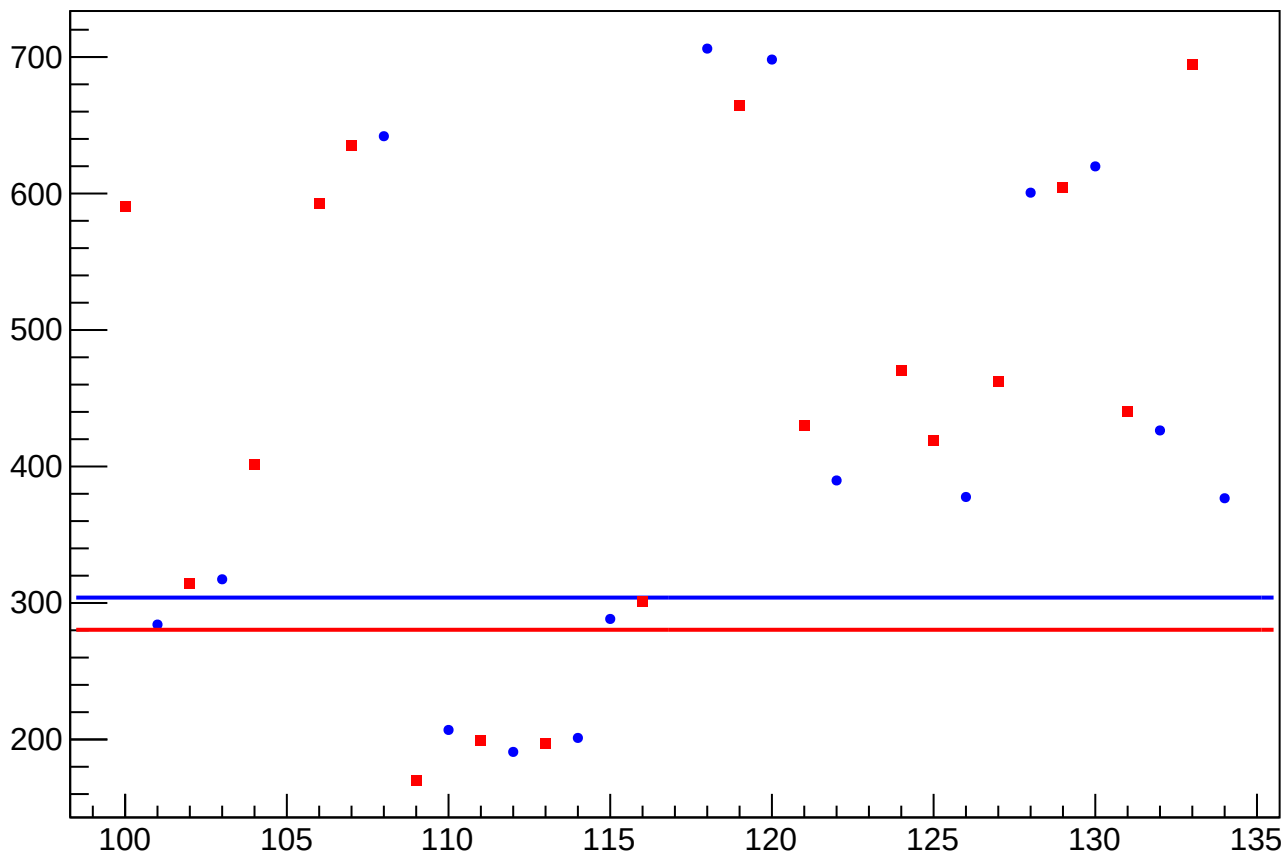
Right: 128.560 ± 89.773 $\chi^2/\text{NDF}: 28.6/31$

In: -27.076 ± 132.449 $\chi^2/\text{NDF}: 15.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 128.560 ± 89.773 $\chi^2/\text{NDF}: 28.6/31$

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 303.956+/-0.094 χ^2/NDF : 2058450.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.369+/-0.086 χ^2/NDF : 2589239.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

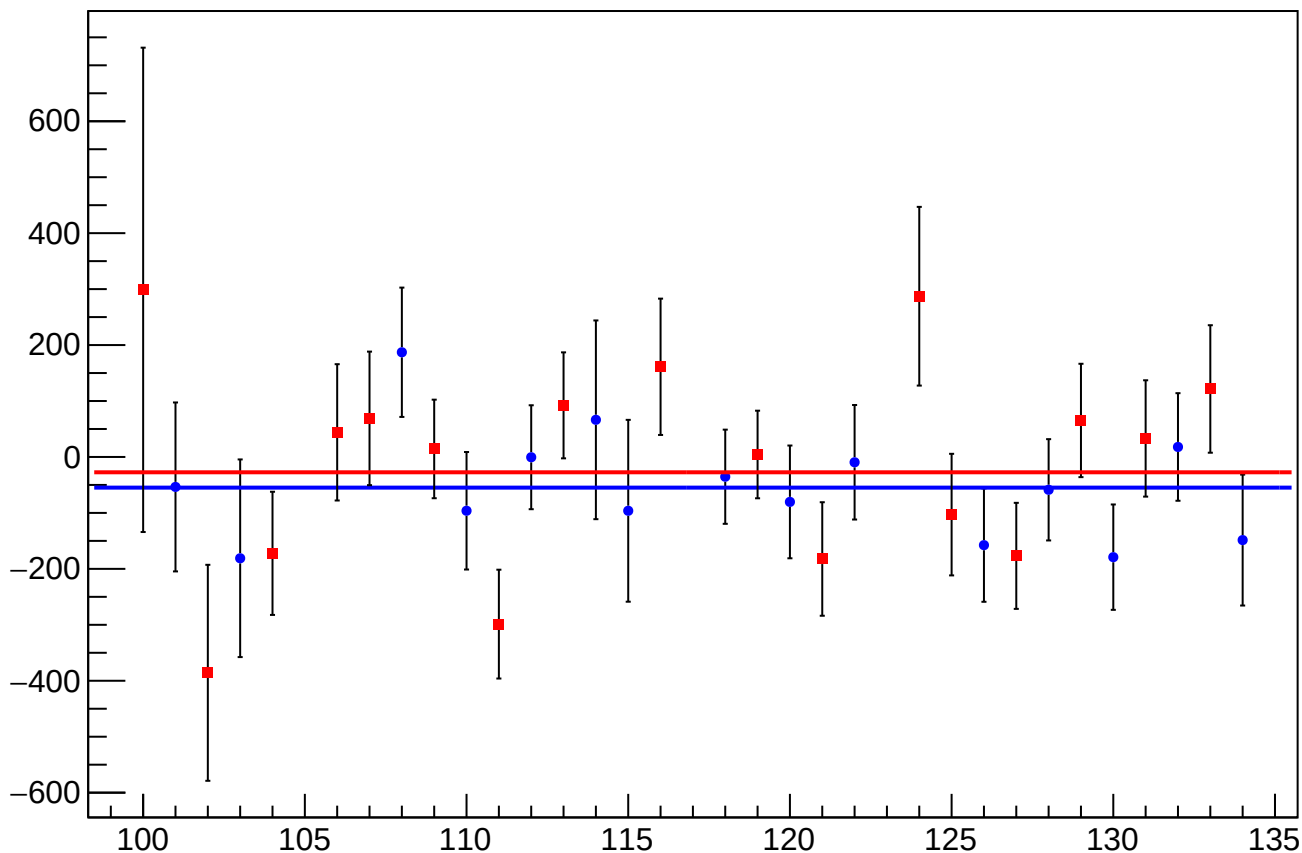
Right: 291.205+/-0.063 χ^2/NDF : 4681978.2/31

In: 303.956+/-0.094 χ^2/NDF : 2058450.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.205+/-0.063 χ^2/NDF : 4681978.2/31

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -54.802 $\pm$ 27.998 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.402 $\pm$ 26.459 χ^2 /NDF: 31.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

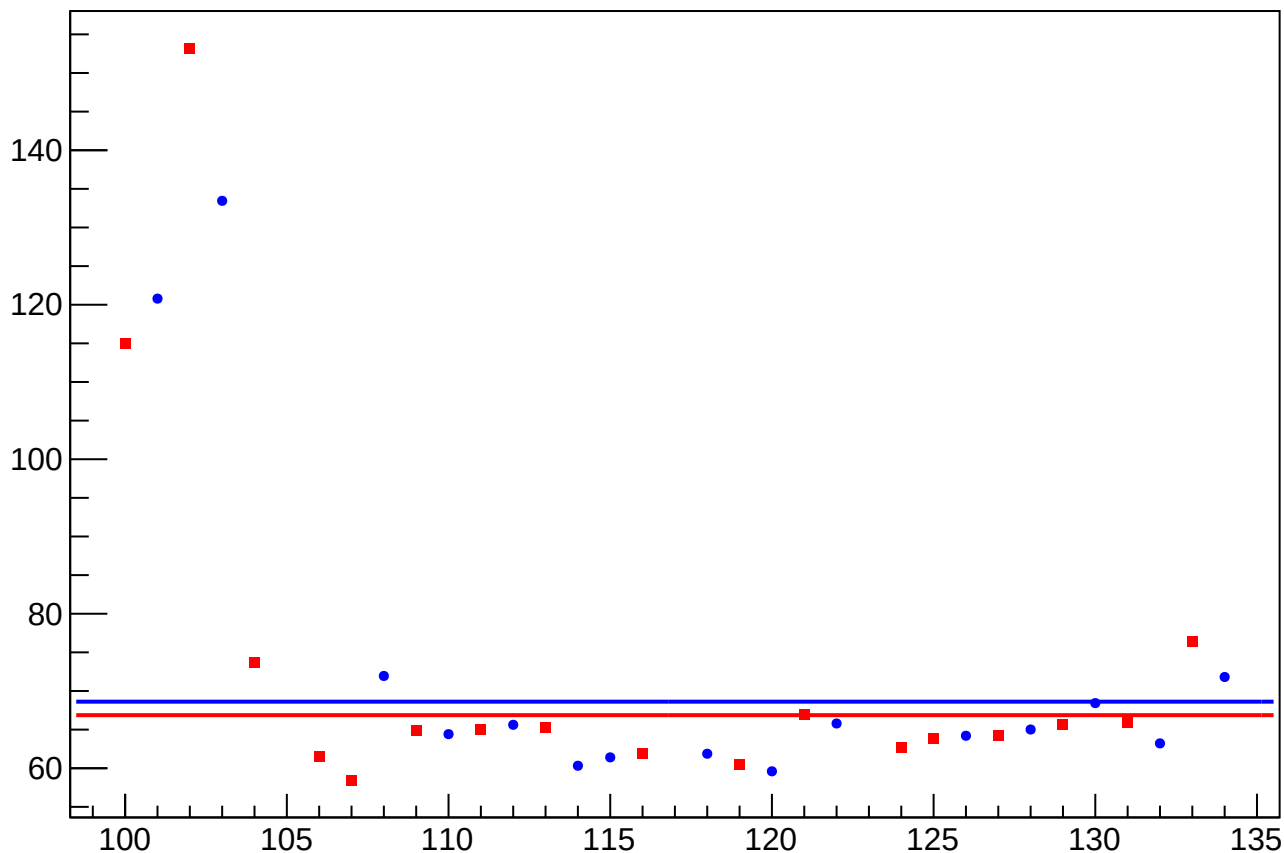
Right: -40.329 $\pm$ 19.230 χ^2 /NDF: 41.7/31

In: -54.802 $\pm$ 27.998 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.329 $\pm$ 19.230 χ^2 /NDF: 41.7/31

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.617+/-0.020 χ^2/NDF : 568687.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.871+/-0.019 χ^2/NDF : 483672.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

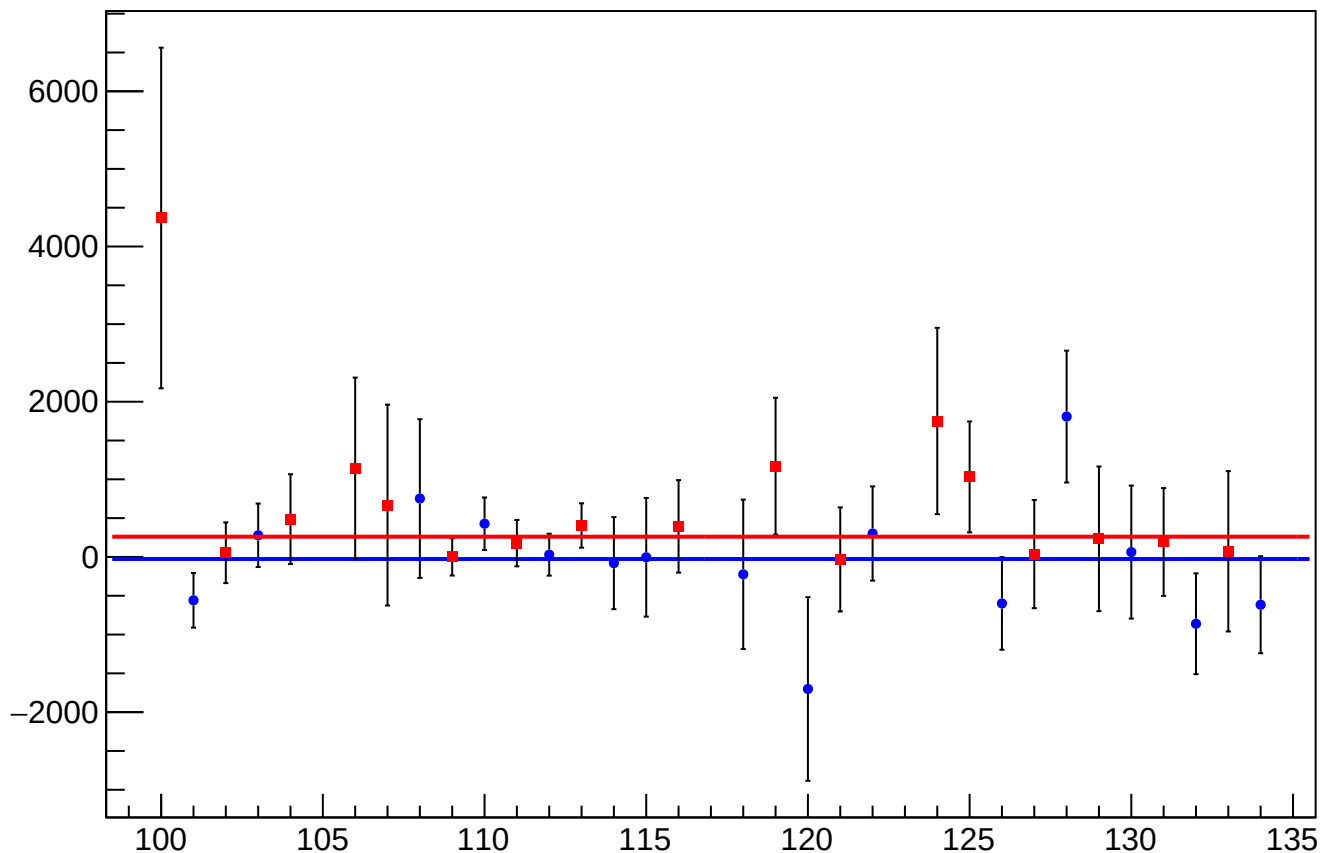
Right: 67.695+/-0.014 χ^2/NDF : 1056470.9/31

In: 68.617+/-0.020 χ^2/NDF : 568687.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.695+/-0.014 χ^2/NDF : 1056470.9/31

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -27.076 ± 132.449 χ^2/NDF : 15.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 260.824 ± 122.099 χ^2/NDF : 10.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

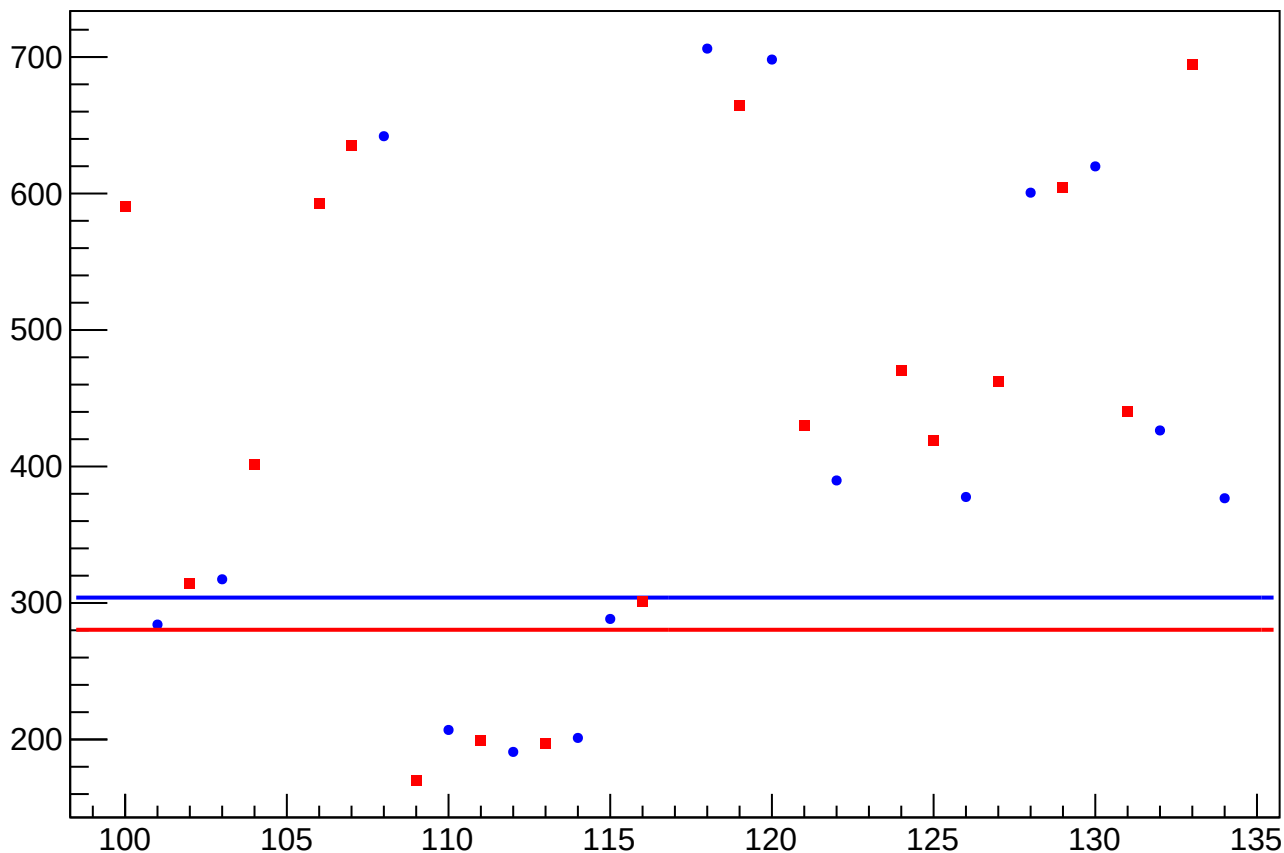
Right: 128.560 ± 89.773 χ^2/NDF : 28.6/31

In: -27.076 ± 132.449 χ^2/NDF : 15.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 128.560 ± 89.773 χ^2/NDF : 28.6/31

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 303.956+/-0.094 χ^2/NDF : 2058450.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.369+/-0.086 χ^2/NDF : 2589239.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

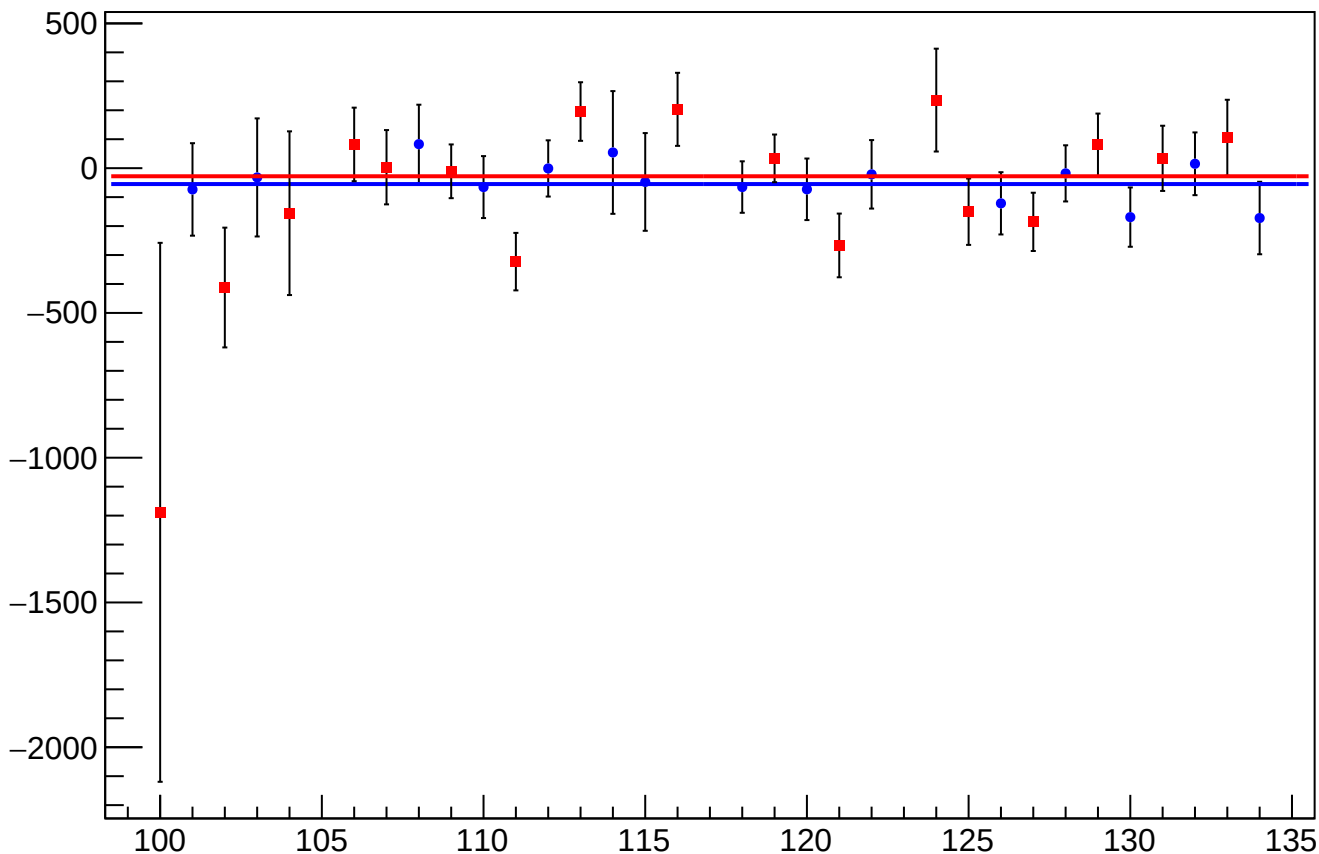
Right: 291.205+/-0.063 χ^2/NDF : 4681978.2/31

In: 303.956+/-0.094 χ^2/NDF : 2058450.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.205+/-0.063 χ^2/NDF : 4681978.2/31

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -54.886 ± 30.268 χ^2/NDF : 4.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.941 ± 28.899 χ^2/NDF : 36.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

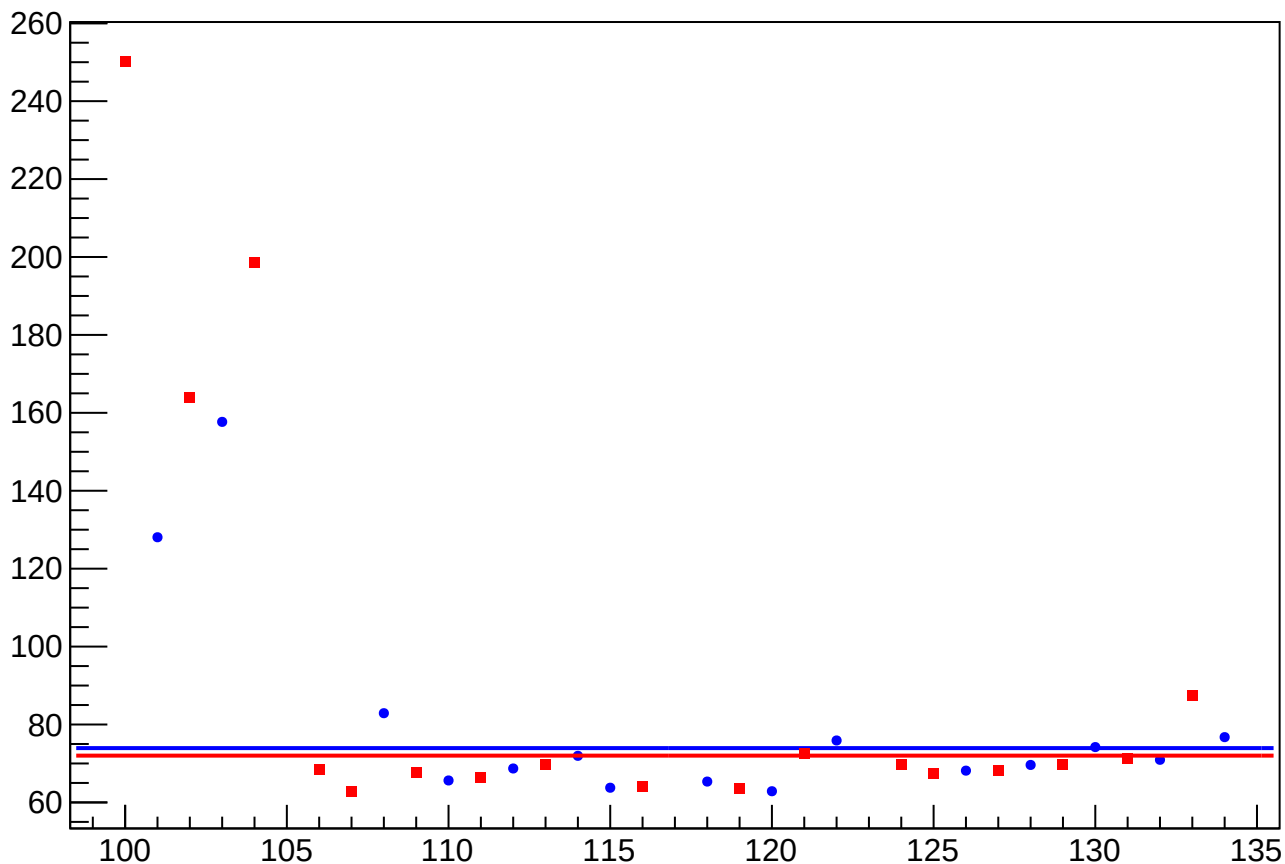
Right: -40.790 ± 20.902 χ^2/NDF : 41.8/31

In: -54.886 ± 30.268 χ^2/NDF : 4.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.790 ± 20.902 χ^2/NDF : 41.8/31

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.944+/-0.021 χ^2/NDF : 654013.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.012+/-0.020 χ^2/NDF : 957410.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

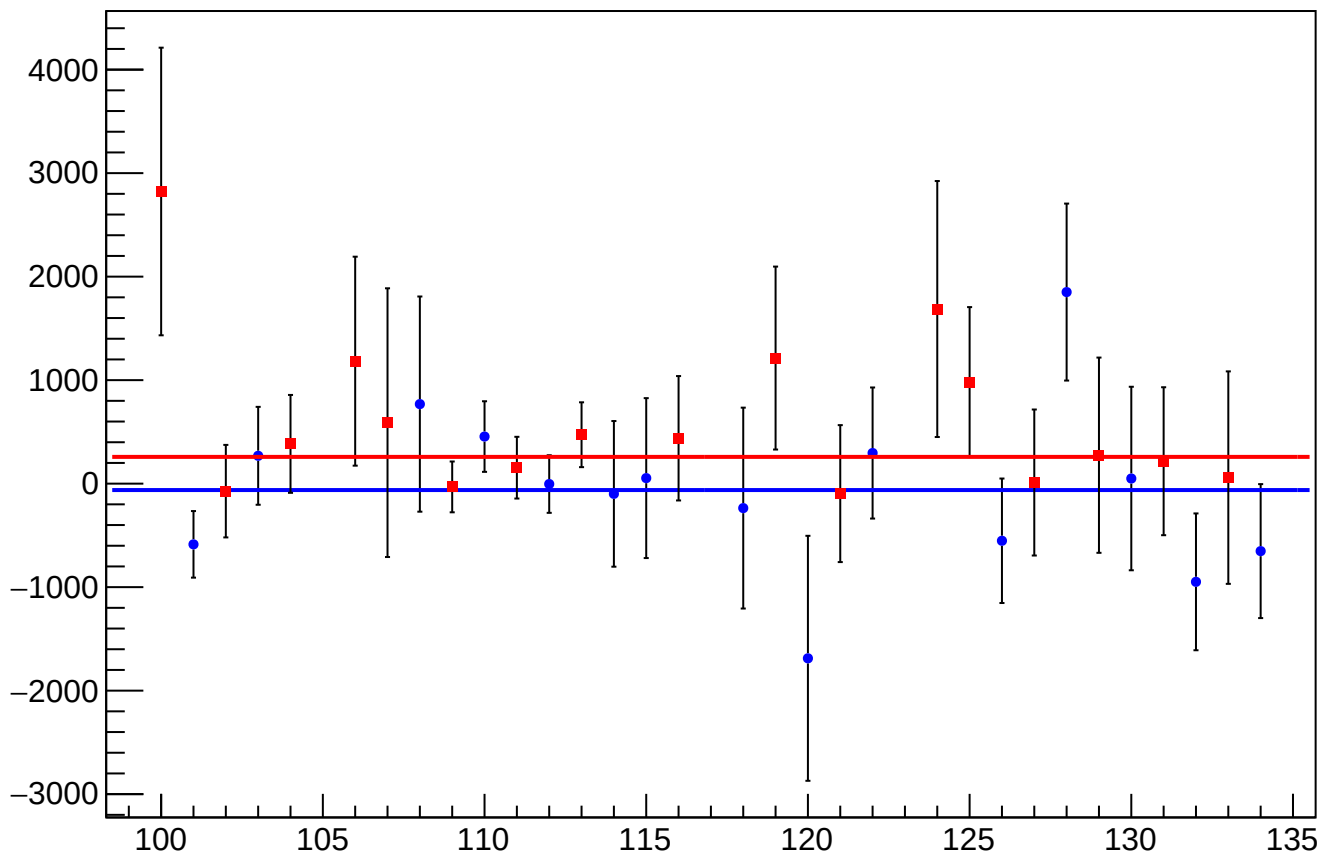
Right: 72.933+/-0.015 χ^2/NDF : 1615684.4/31

In: 73.944+/-0.021 χ^2/NDF :654013.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.933+/-0.015 χ^2/NDF : 1615684.4/31

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -61.969+/-135.307 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.509+/-124.469 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

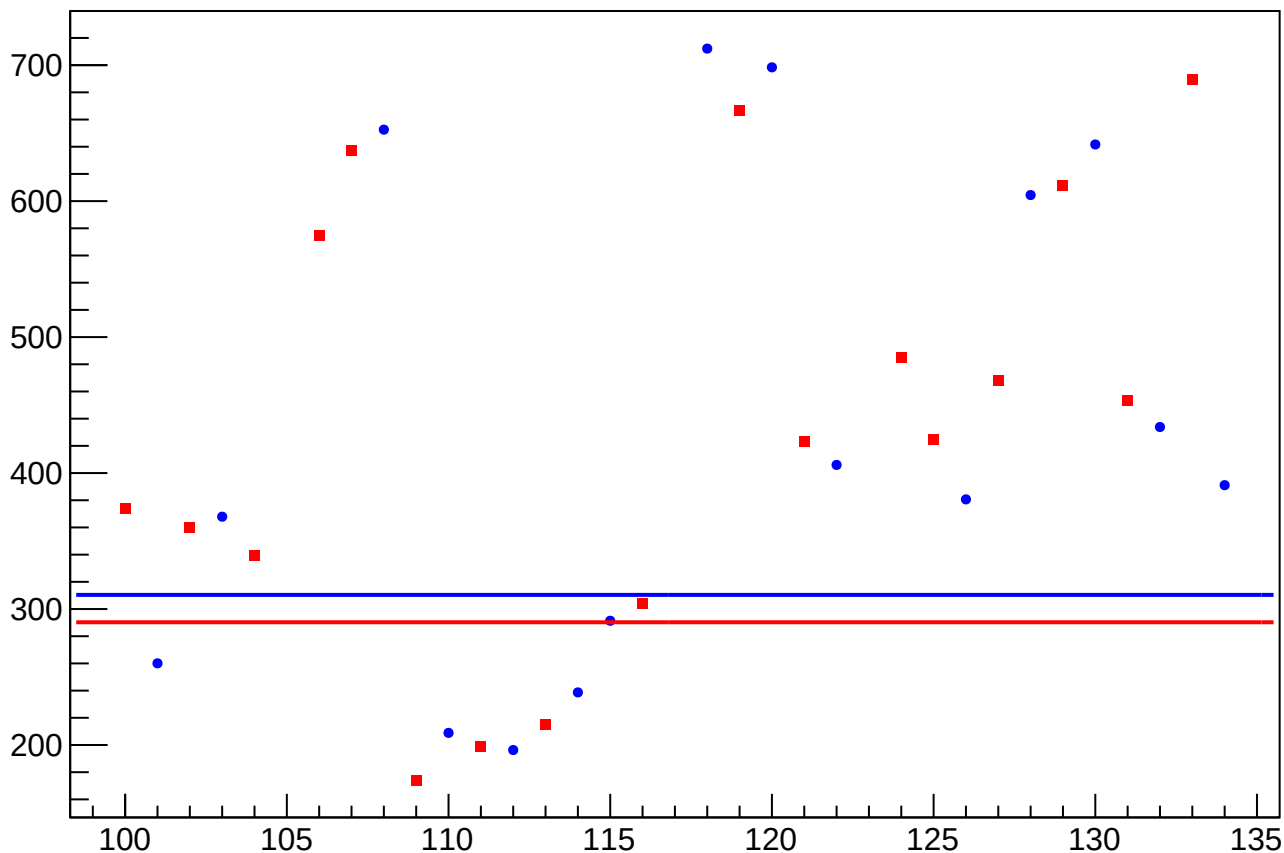
Right: 111.617+/-91.605 χ^2/NDF : 30.7/31

In: -61.969+/-135.307 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.617+/-91.605 χ^2/NDF : 30.7/31

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 310.403+/-0.096 χ^2/NDF : 2077986.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.257+/-0.088 χ^2/NDF : 2458060.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

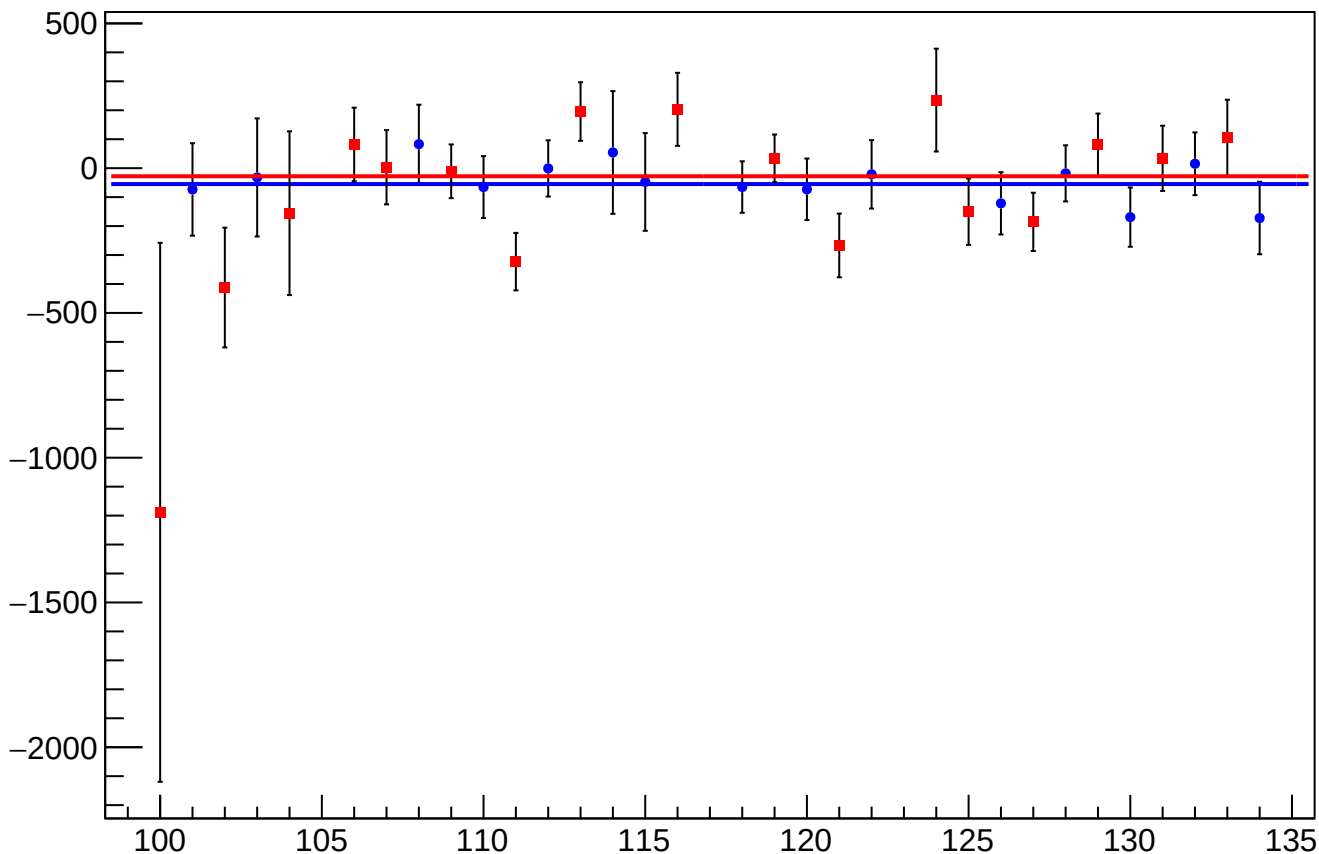
Right: 299.491+/-0.065 χ^2/NDF : 4560060.9/31

In: 310.403+/-0.096 χ^2/NDF : 2077986.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.491+/-0.065 χ^2/NDF : 4560060.9/31

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -54.886 $\pm$ 30.268 χ^2 /NDF: 4.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.942 $\pm$ 28.898 χ^2 /NDF: 36.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

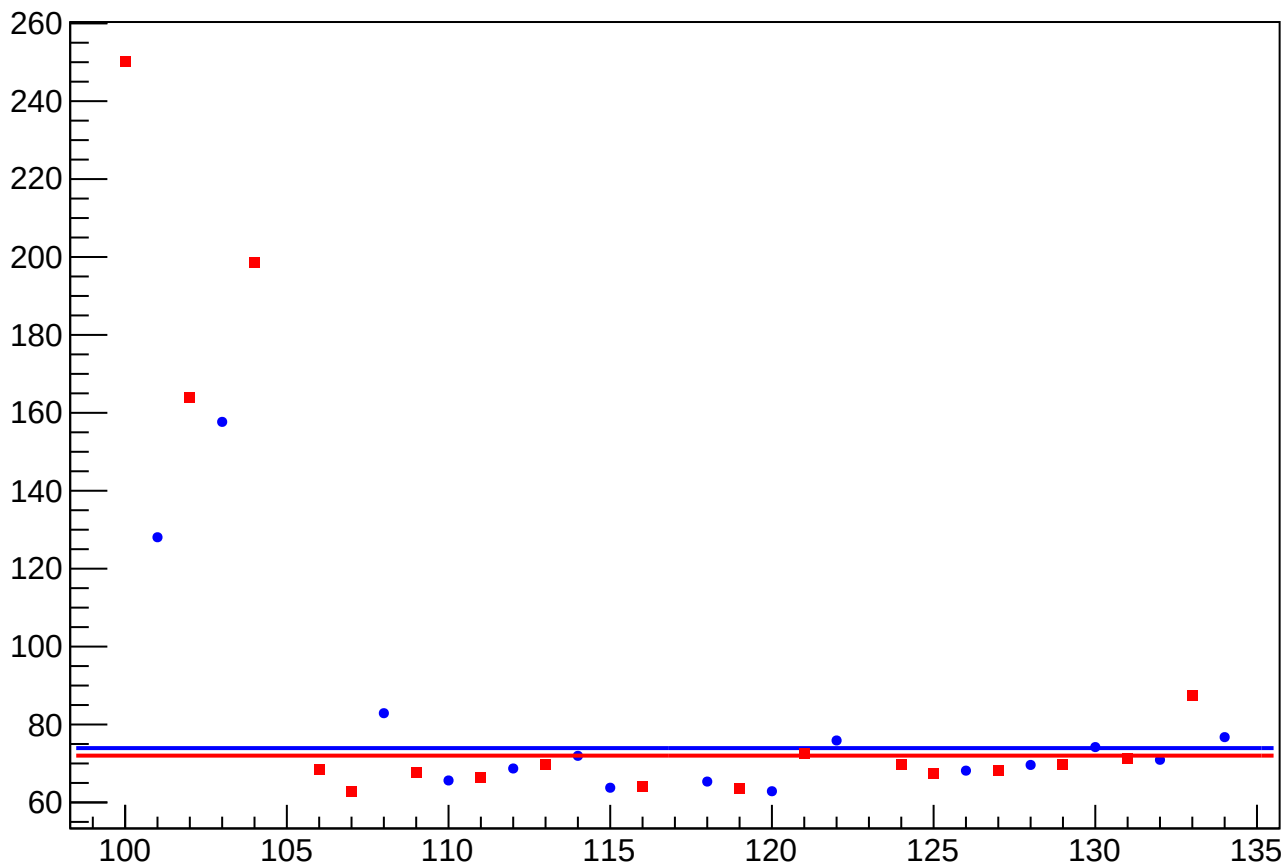
Right: -40.791 $\pm$ 20.902 χ^2 /NDF: 41.8/31

In: -54.886 $\pm$ 30.268 χ^2 /NDF:4.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.791 $\pm$ 20.902 χ^2 /NDF: 41.8/31

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.944+/-0.021 χ^2/NDF : 654015.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.012+/-0.020 χ^2/NDF : 957411.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

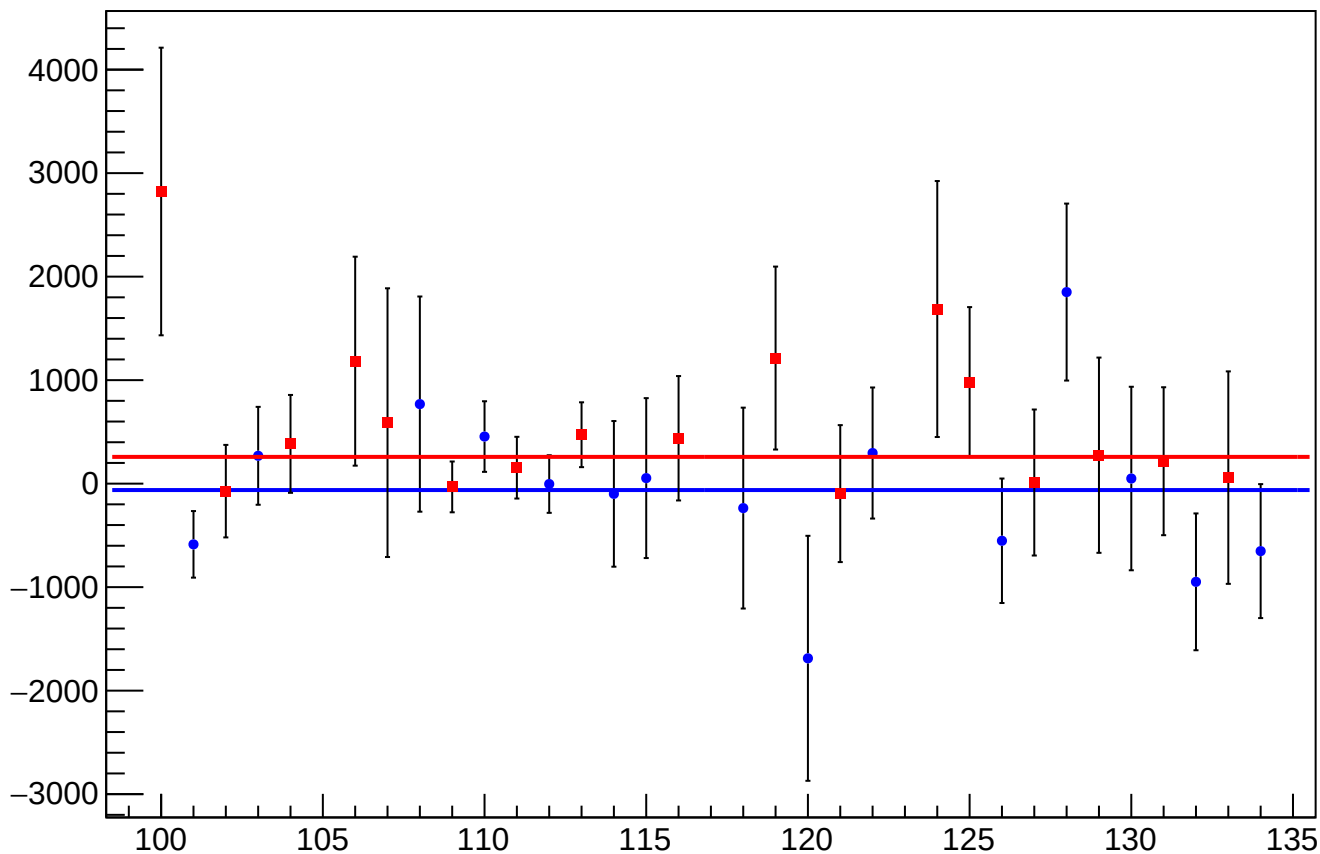
Right: 72.933+/-0.015 χ^2/NDF : 1615687.5/31

In: 73.944+/-0.021 χ^2/NDF : 654015.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.933+/-0.015 χ^2/NDF : 1615687.5/31

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -61.968 ± 135.306 χ^2/NDF : 16.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 258.507 ± 124.468 χ^2/NDF : 11.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

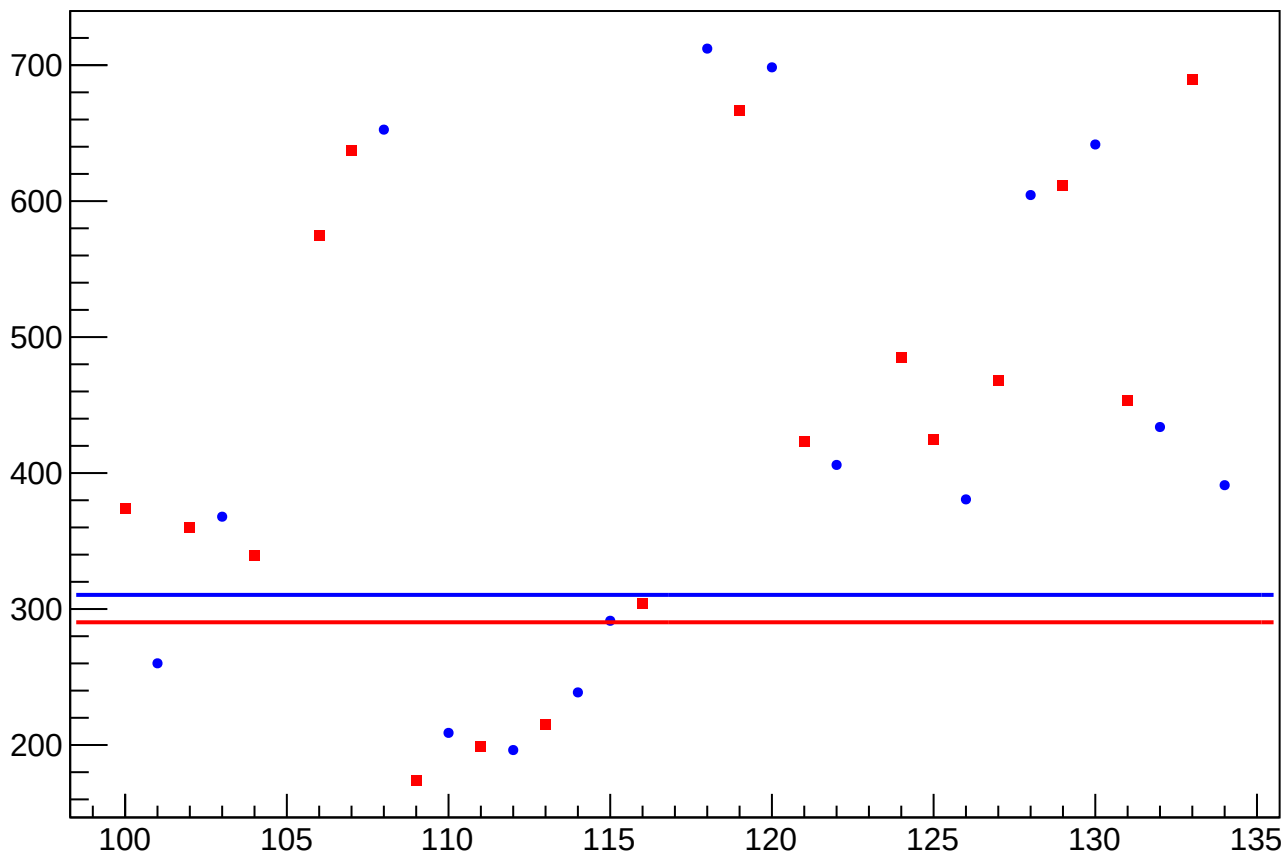
Right: 111.616 ± 91.604 χ^2/NDF : 30.7/31

In: -61.968 ± 135.306 χ^2/NDF : 16.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 111.616 ± 91.604 χ^2/NDF : 30.7/31

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 310.400+/-0.096 χ^2/NDF : 2078015.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.255+/-0.088 χ^2/NDF : 2458069.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

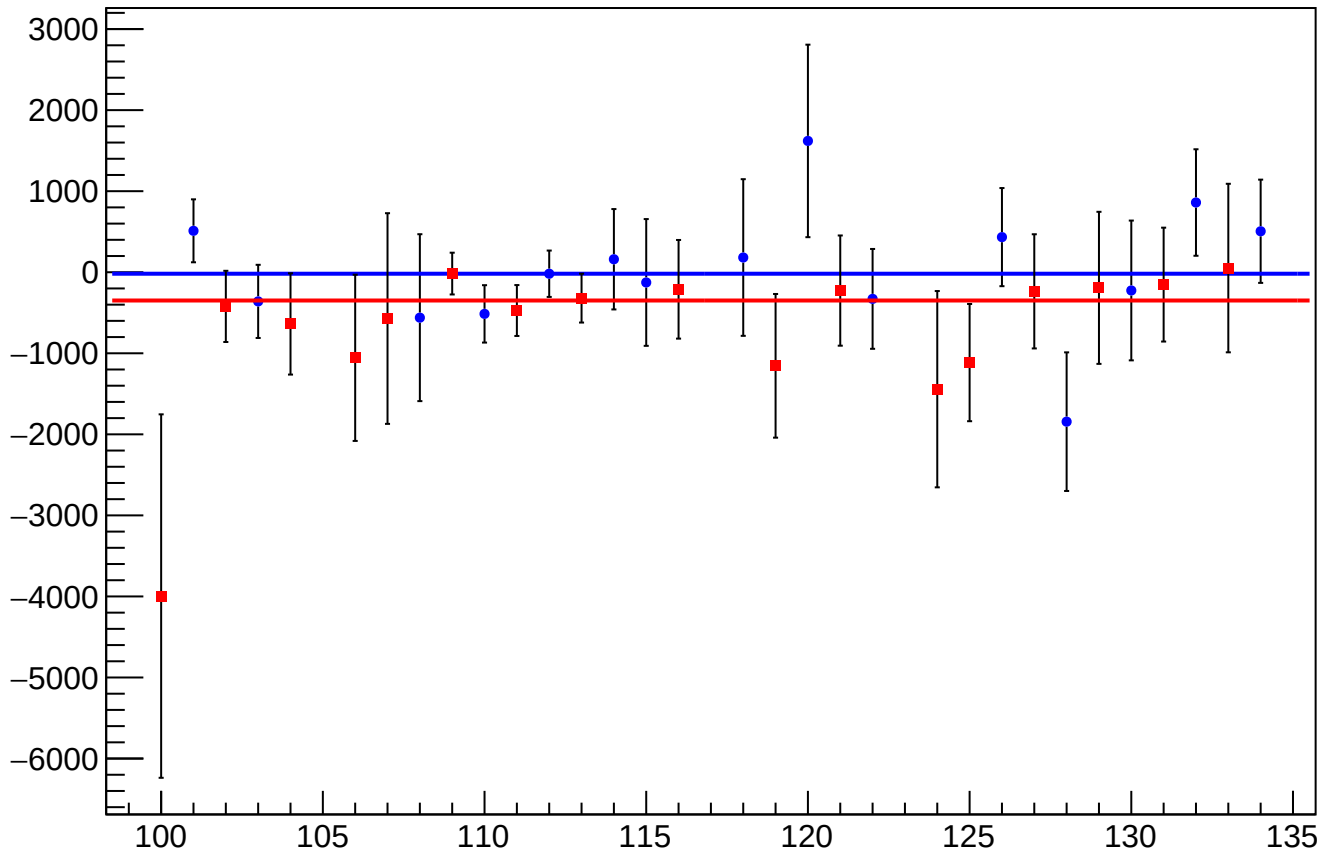
Right: 299.489+/-0.065 χ^2/NDF : 4560097.1/31

In: 310.400+/-0.096 χ^2/NDF : 2078015.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.489+/-0.065 χ^2/NDF : 4560097.1/31

asym_sam7_mean vs Slug, Sign Corrected



Right In: -18.382 ± 139.259 $\chi^2/\text{NDF}: 14.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -348.768 ± 128.549 $\chi^2/\text{NDF}: 8.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

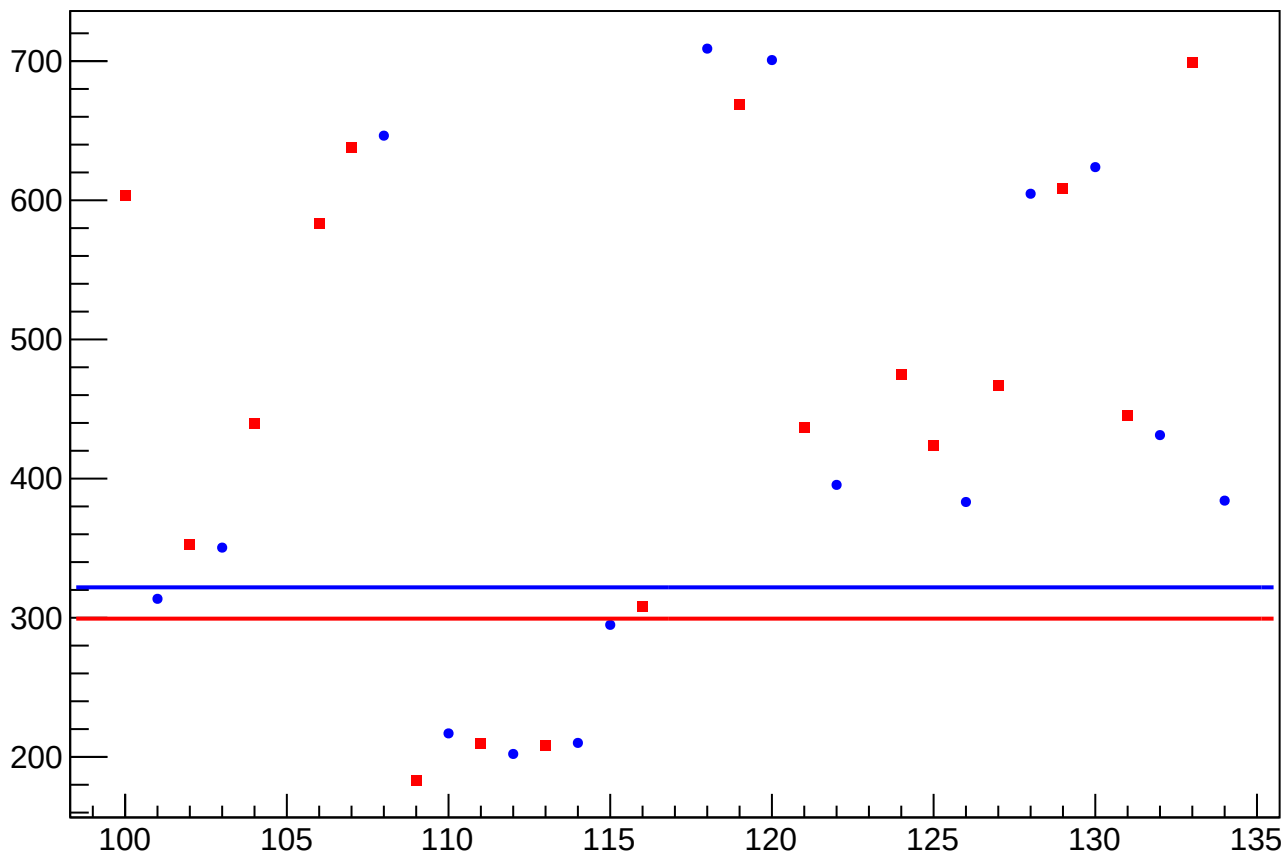
Right: -196.766 ± 94.458 $\chi^2/\text{NDF}: 26.0/31$

In: -18.382 ± 139.259 $\chi^2/\text{NDF}: 14.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -196.766 ± 94.458 $\chi^2/\text{NDF}: 26.0/31$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 321.864+/-0.098 χ^2/NDF : 1913679.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.372+/-0.091 χ^2/NDF : 2452173.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

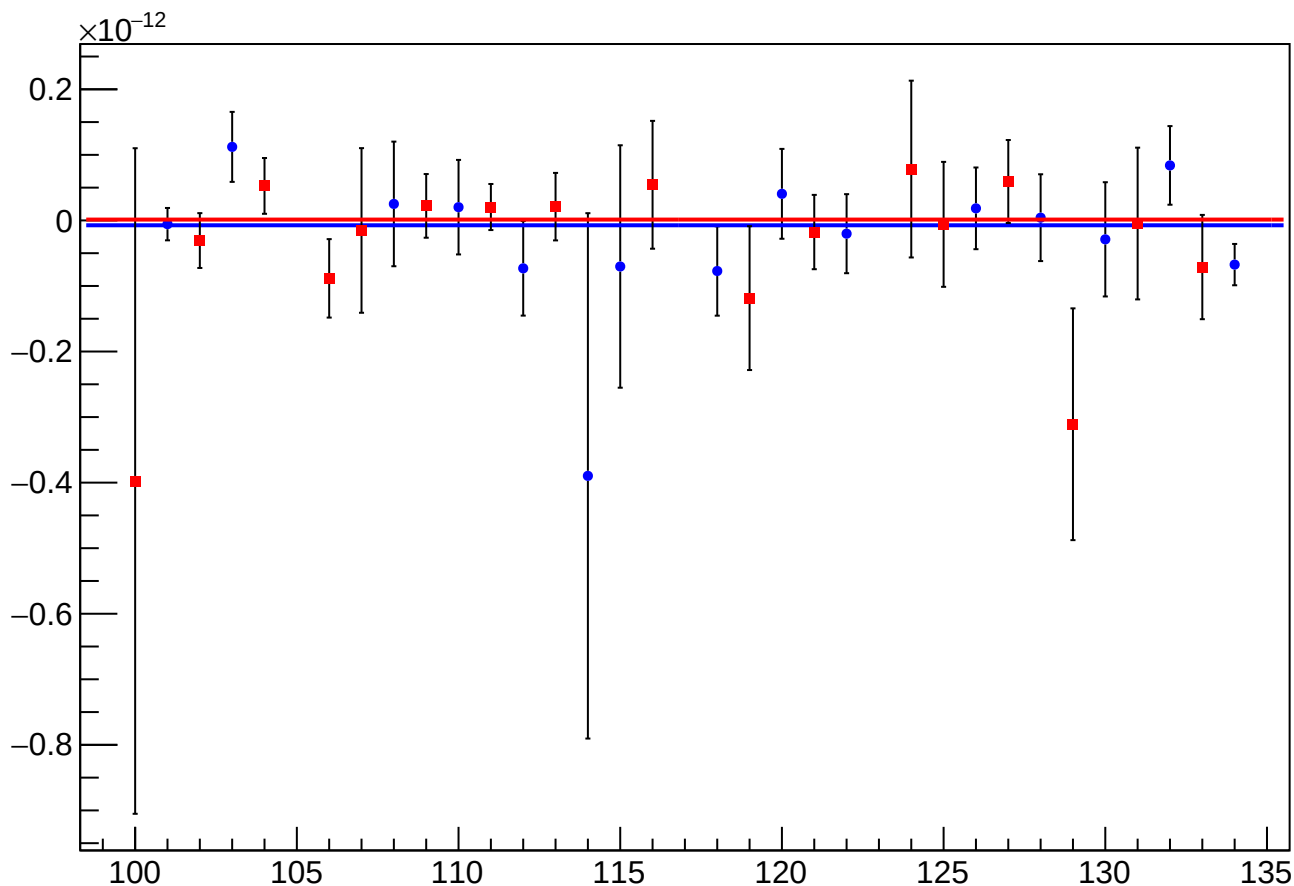
Right: 309.720+/-0.067 χ^2/NDF : 4394022.7/31

In: 321.864+/-0.098 χ^2/NDF : 1913679.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.720+/-0.067 χ^2/NDF : 4394022.7/31

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

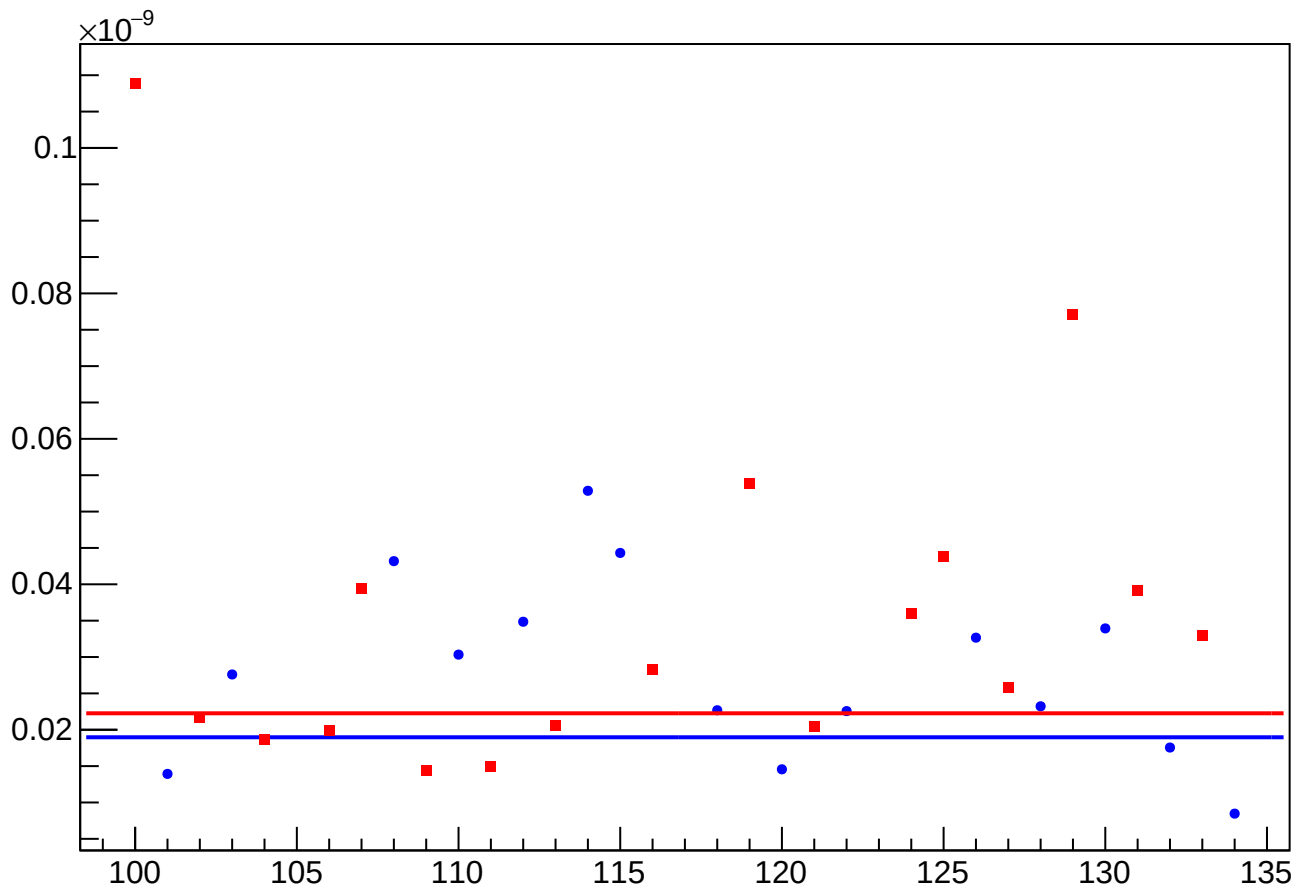
Right: -0.000+/-0.000 χ^2/NDF : 27.4/31

In: -0.000+/-0.000 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.4/31

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 872231.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 830161.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

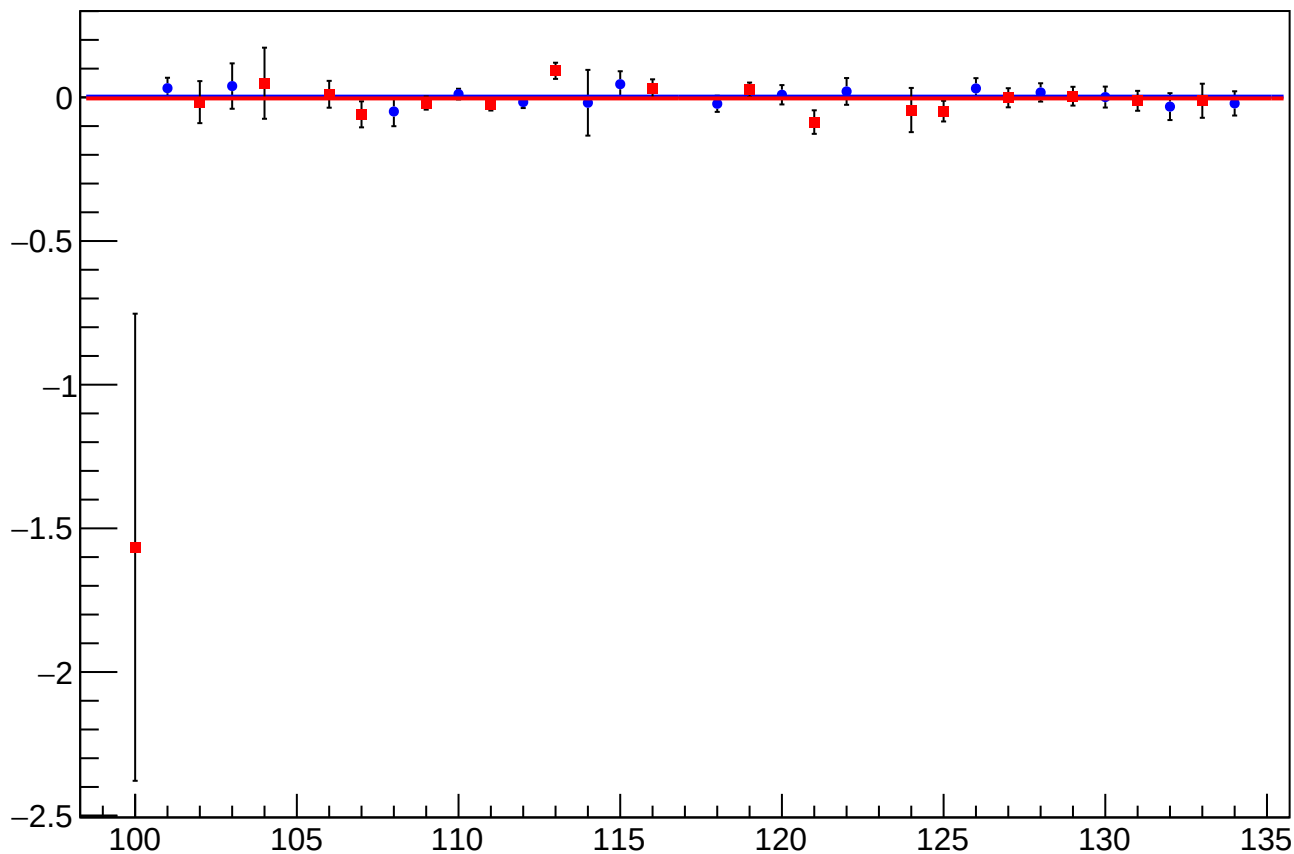
Right: 0.000+/-0.000 χ^2/NDF : 1752975.5/31

In: 0.000+/-0.000 χ^2/NDF : 872231.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1752975.5/31

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

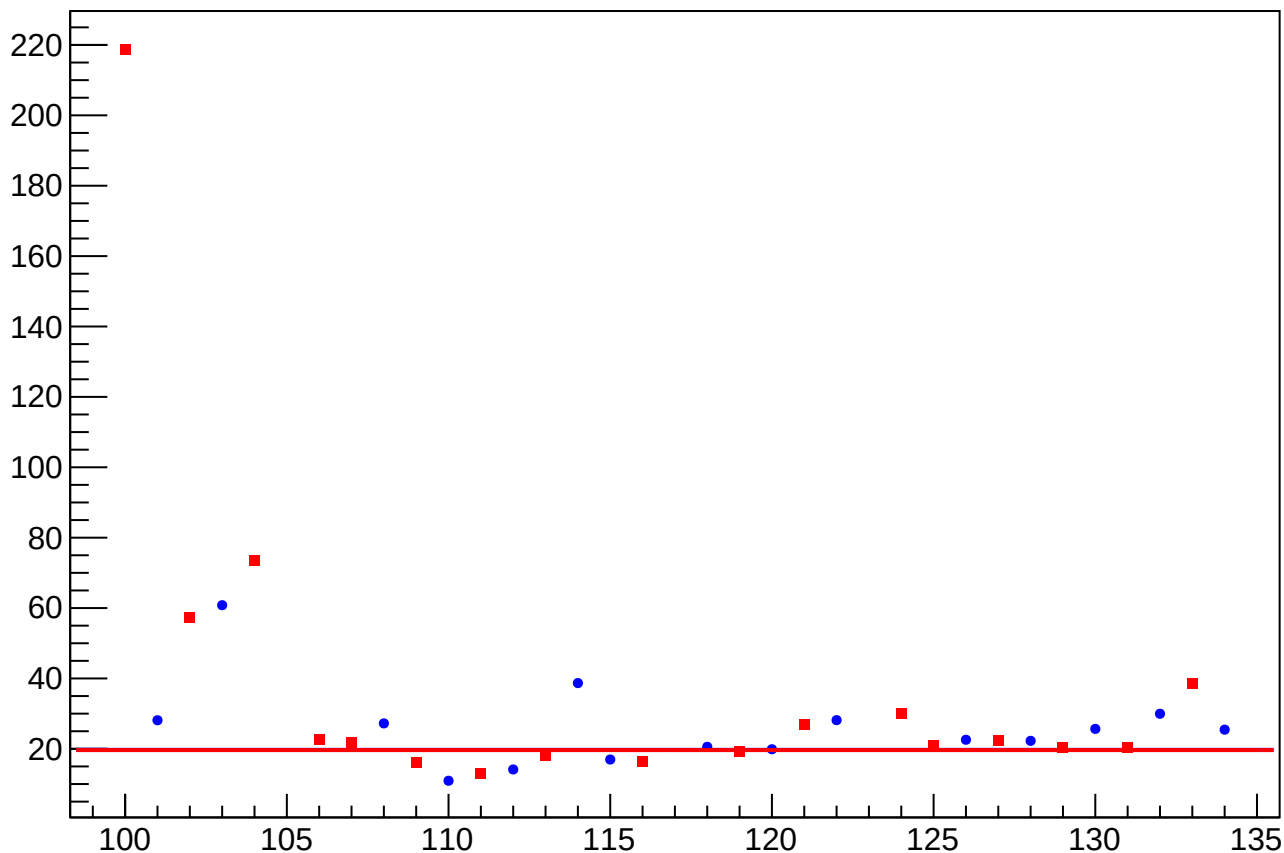
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

In: 0.002 $\pm$ 0.009 χ^2 /NDF:6.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.712+/-0.006 χ^2/NDF : 1622824.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.643+/-0.006 χ^2/NDF : 1672041.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

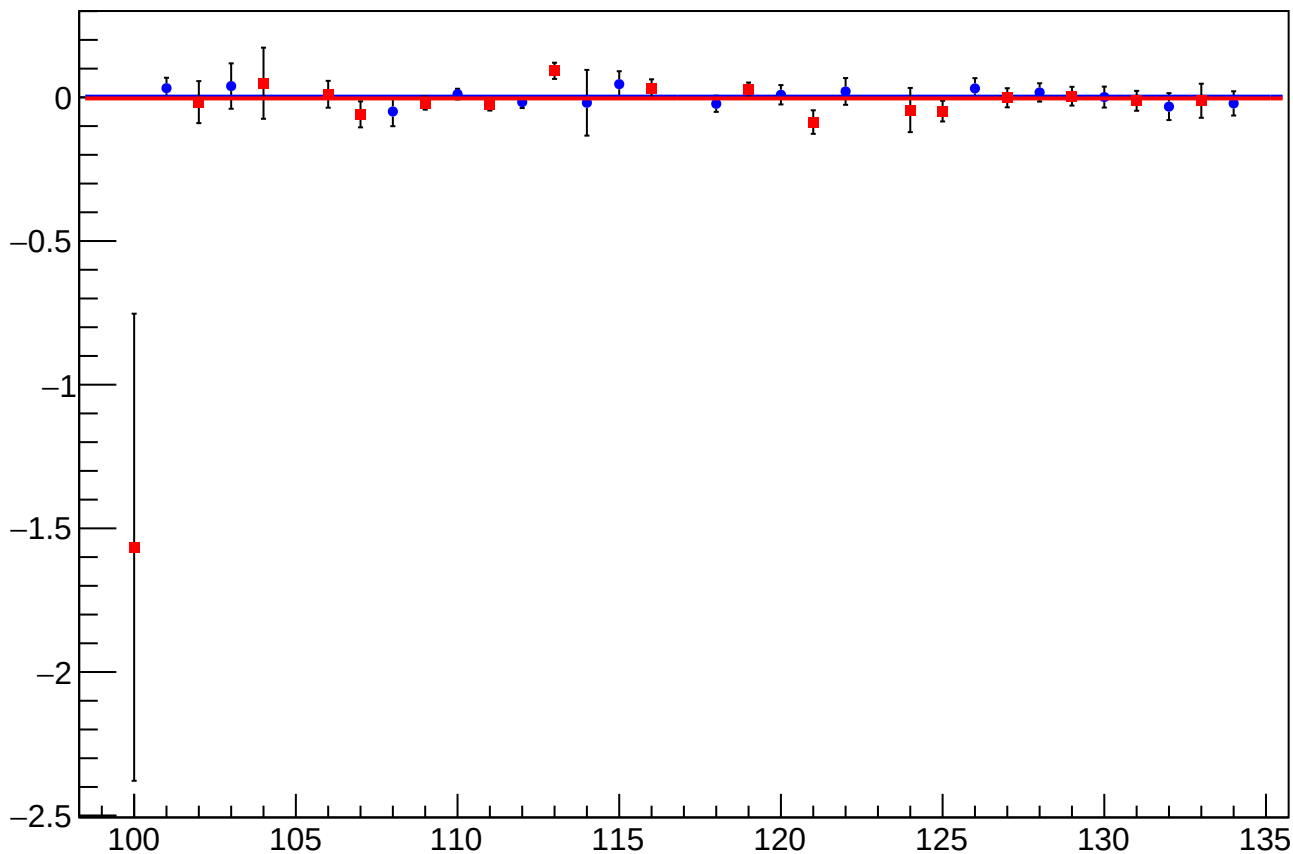
Right: 19.676+/-0.004 χ^2/NDF : 3294931.1/31

In: 19.712+/-0.006 χ^2/NDF : 1622824.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294931.1/31

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

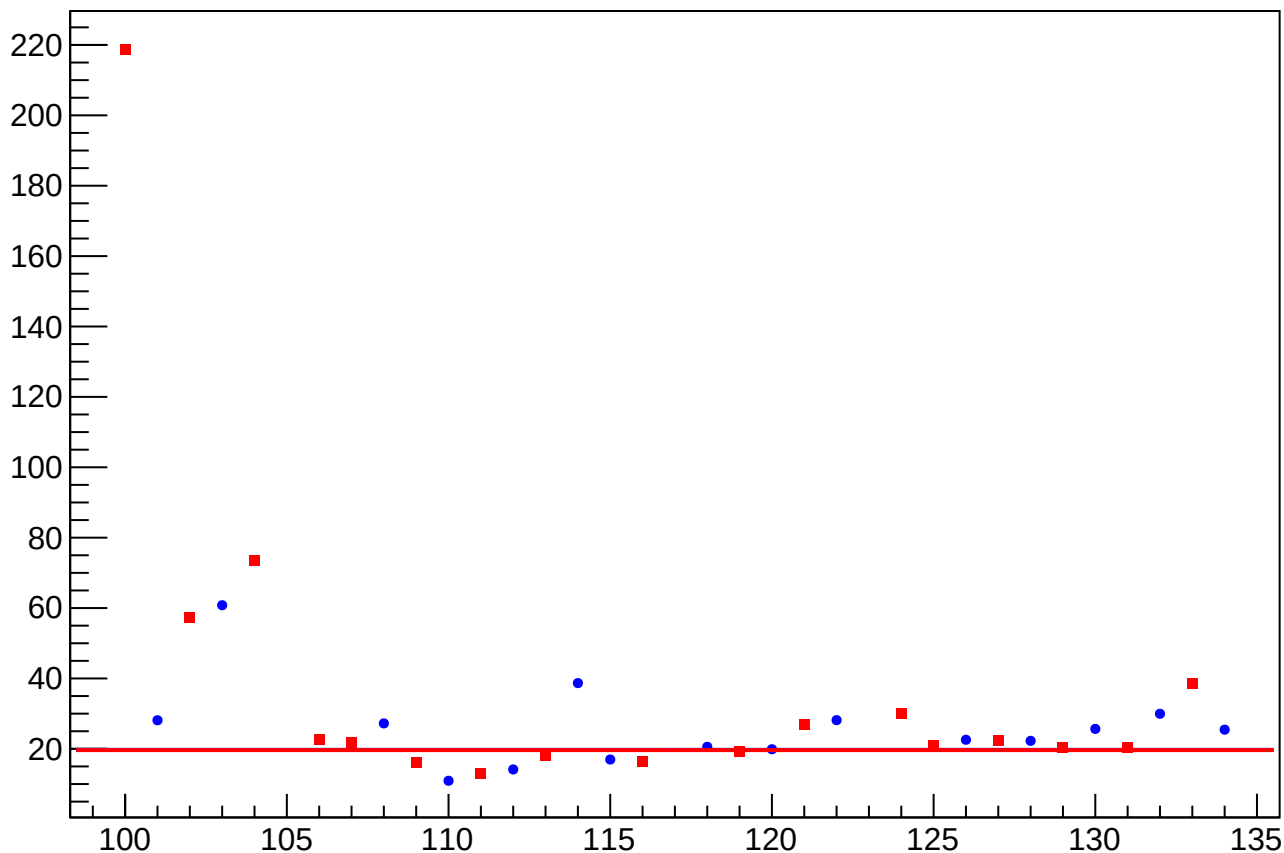
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

In: 0.002 $\pm$ 0.009 χ^2 /NDF:6.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.712+/-0.006 χ^2/NDF : 1622824.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.643+/-0.006 χ^2/NDF : 1672041.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

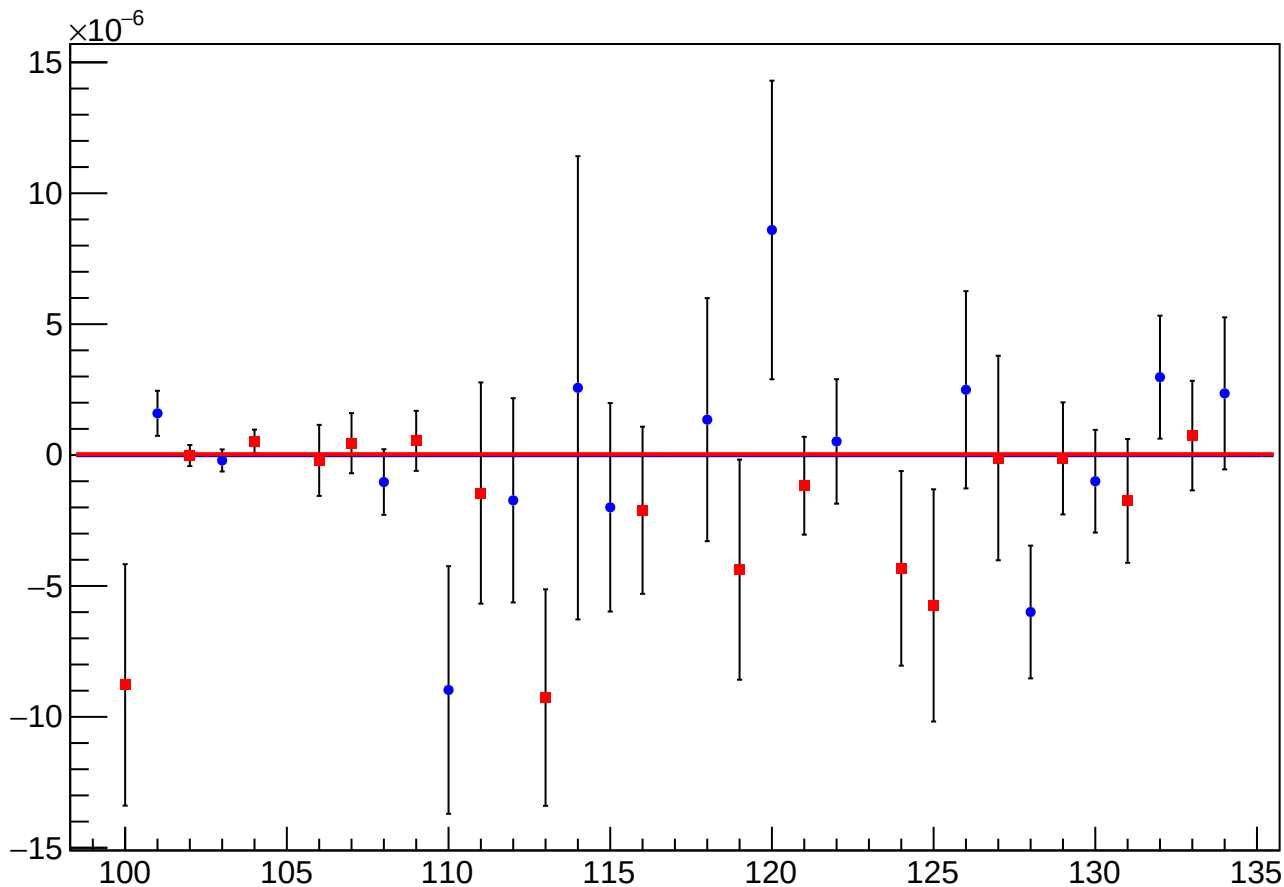
Right: 19.676+/-0.004 χ^2/NDF : 3294931.1/31

In: 19.712+/-0.006 χ^2/NDF : 1622824.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294931.1/31

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

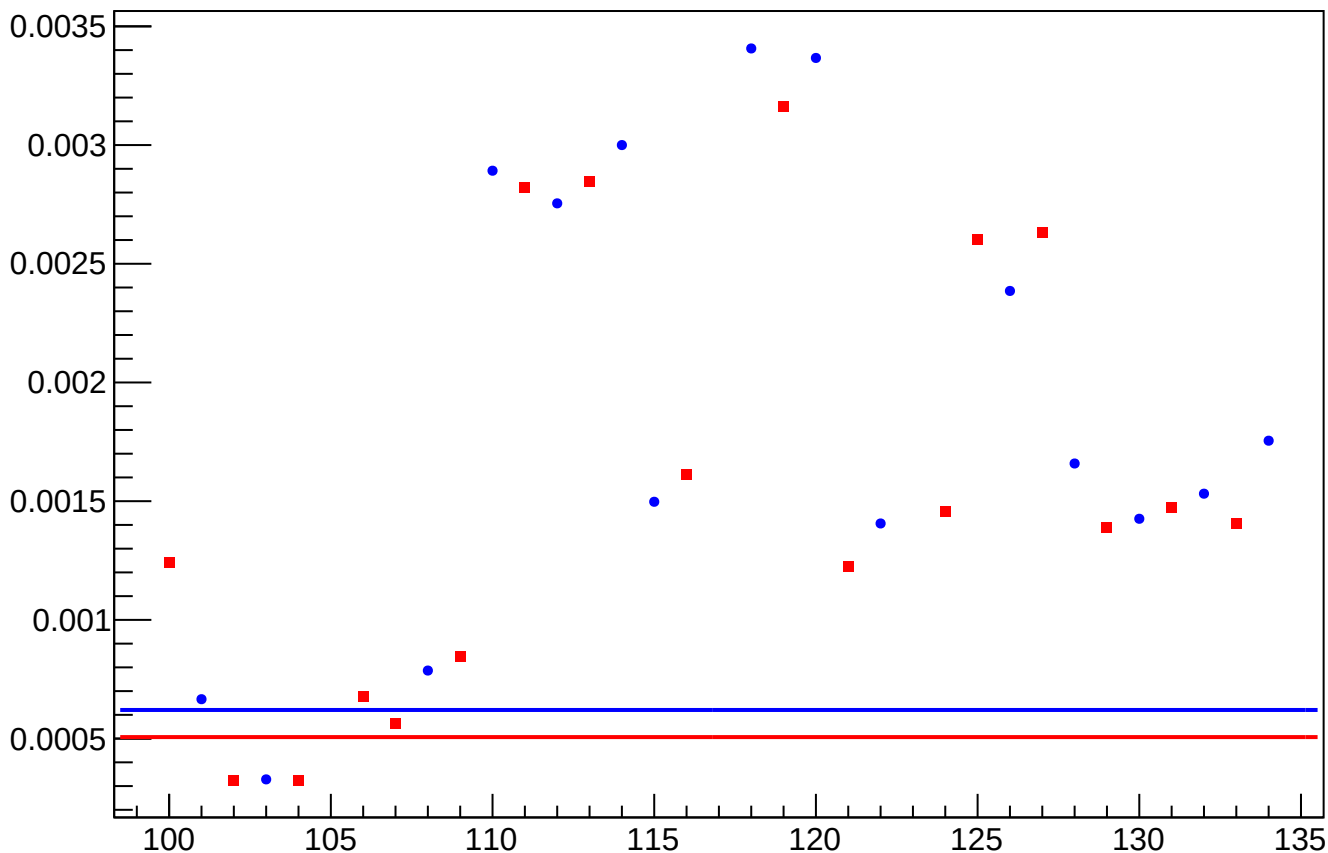
Right: 0.000+/-0.000 χ^2/NDF : 35.6/31

In: -0.000+/-0.000 χ^2/NDF : 19.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.6/31

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 5422628.4/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 5799380.6/16

Left 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 : 11365690.8/31

In: 0.001+/-0.000

χ^2/NDF : 5422628.4/14

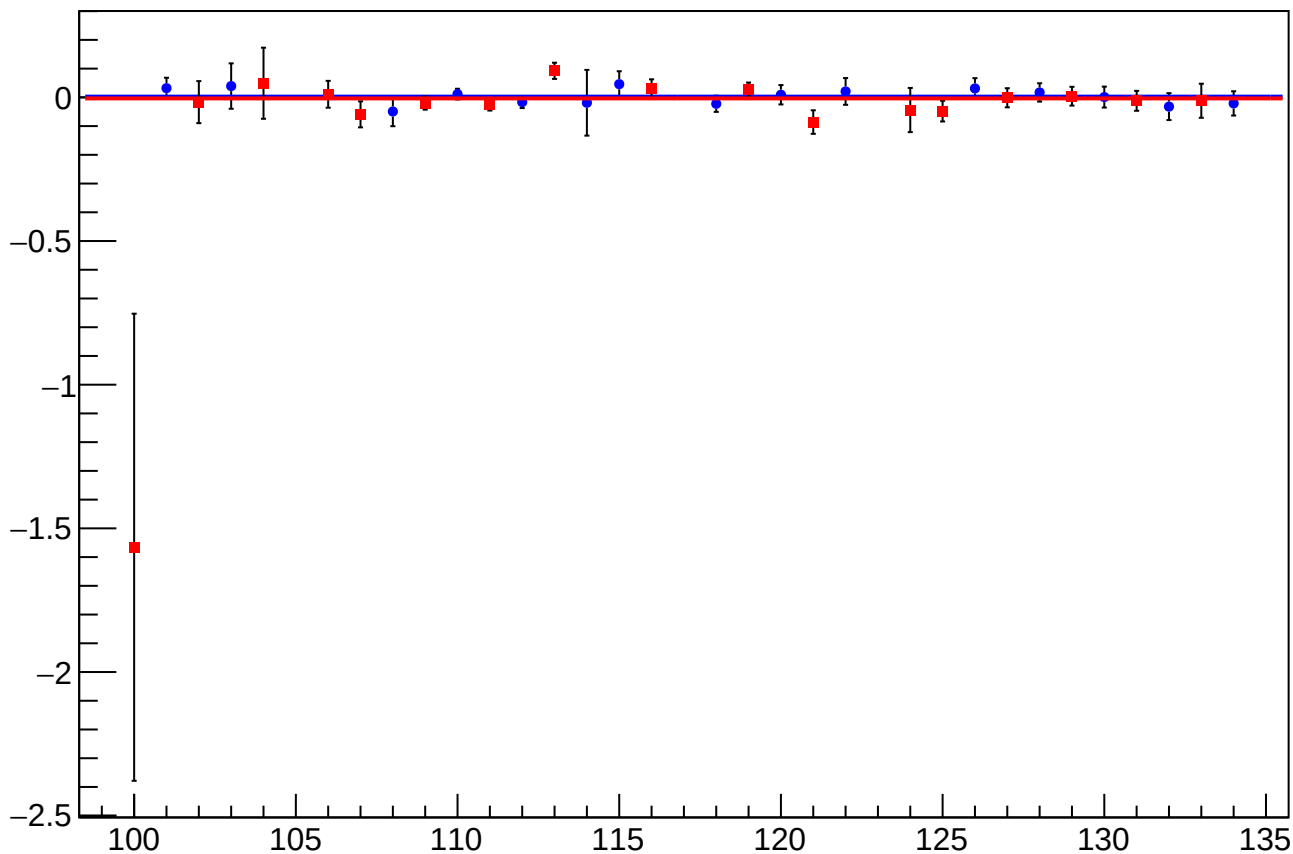
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 11365690.8/31

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

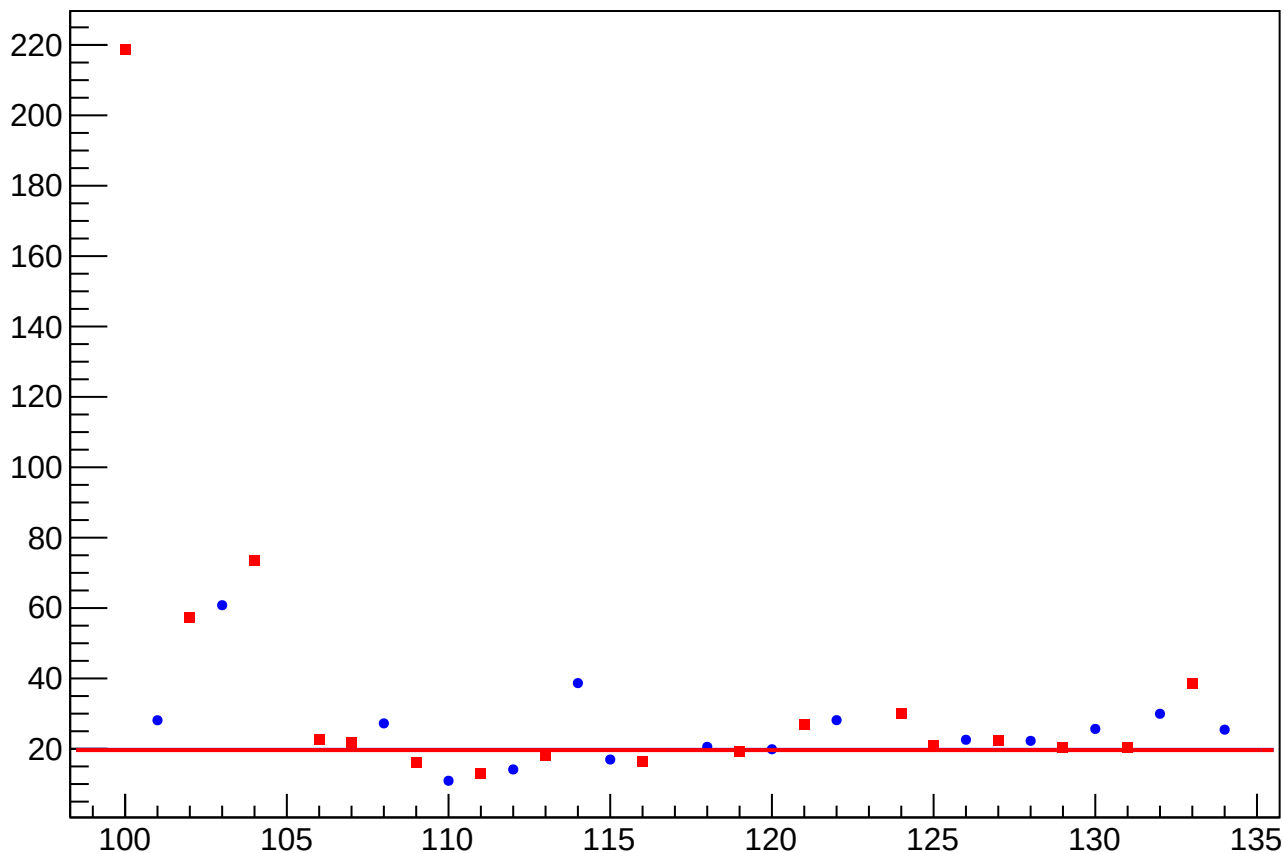
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

In: 0.002 $\pm$ 0.009 χ^2 /NDF:6.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.712+/-0.006 χ^2/NDF : 1622655.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.643+/-0.006 χ^2/NDF : 1671974.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

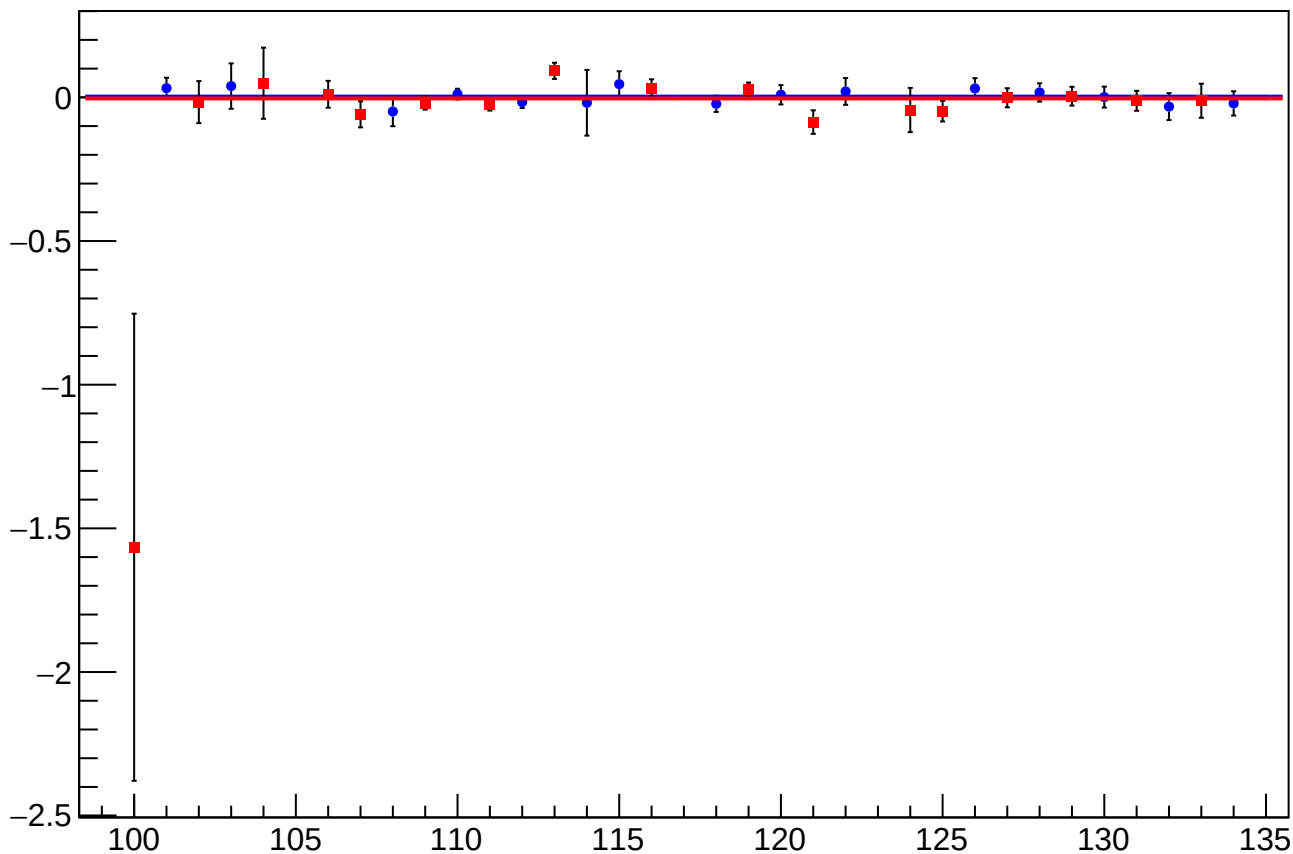
Right: 19.676+/-0.004 χ^2/NDF : 3294695.7/31

In: 19.712+/-0.006 χ^2/NDF :1622655.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294695.7/31

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

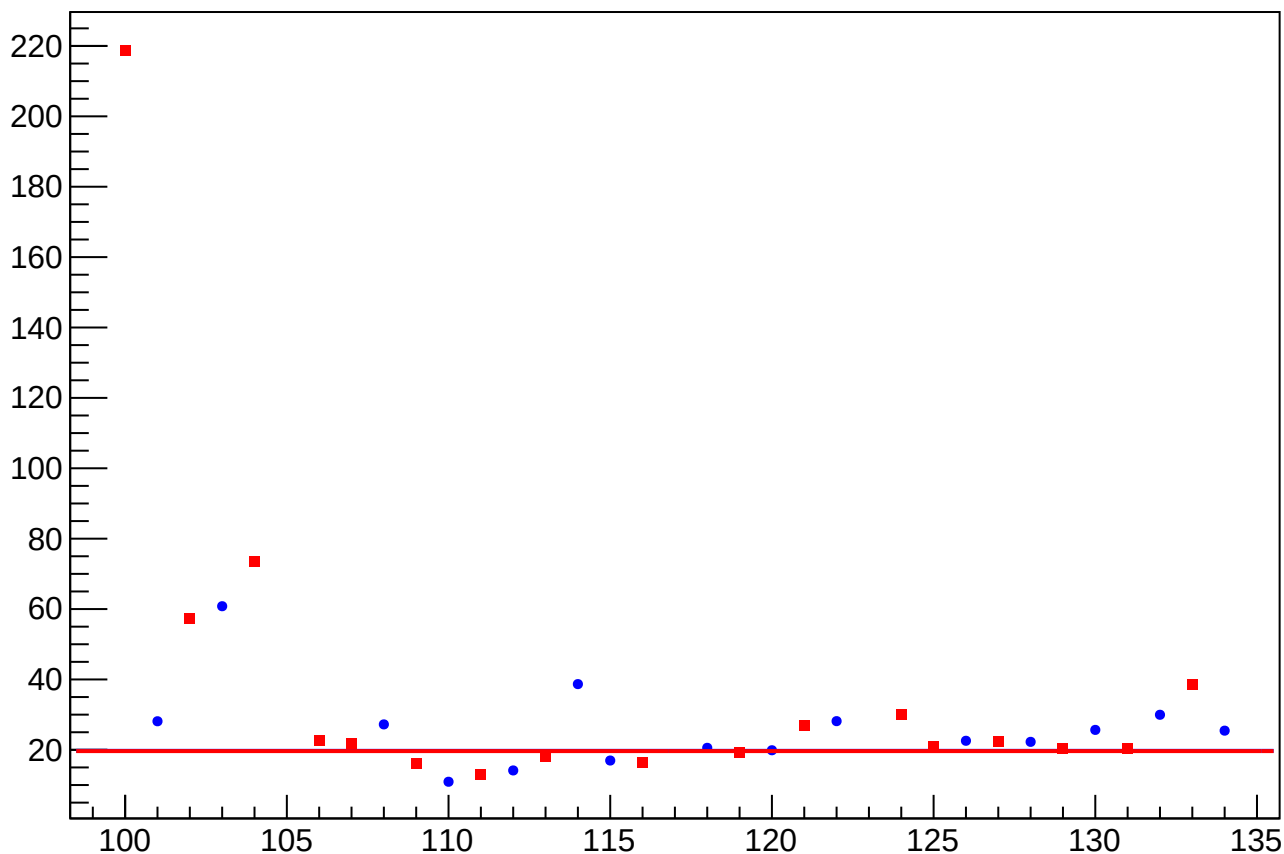
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

In: 0.002 $\pm$ 0.009 χ^2 /NDF:6.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 34.3/31

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.712+/-0.006 χ^2/NDF : 1622655.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.643+/-0.006 χ^2/NDF : 1671974.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

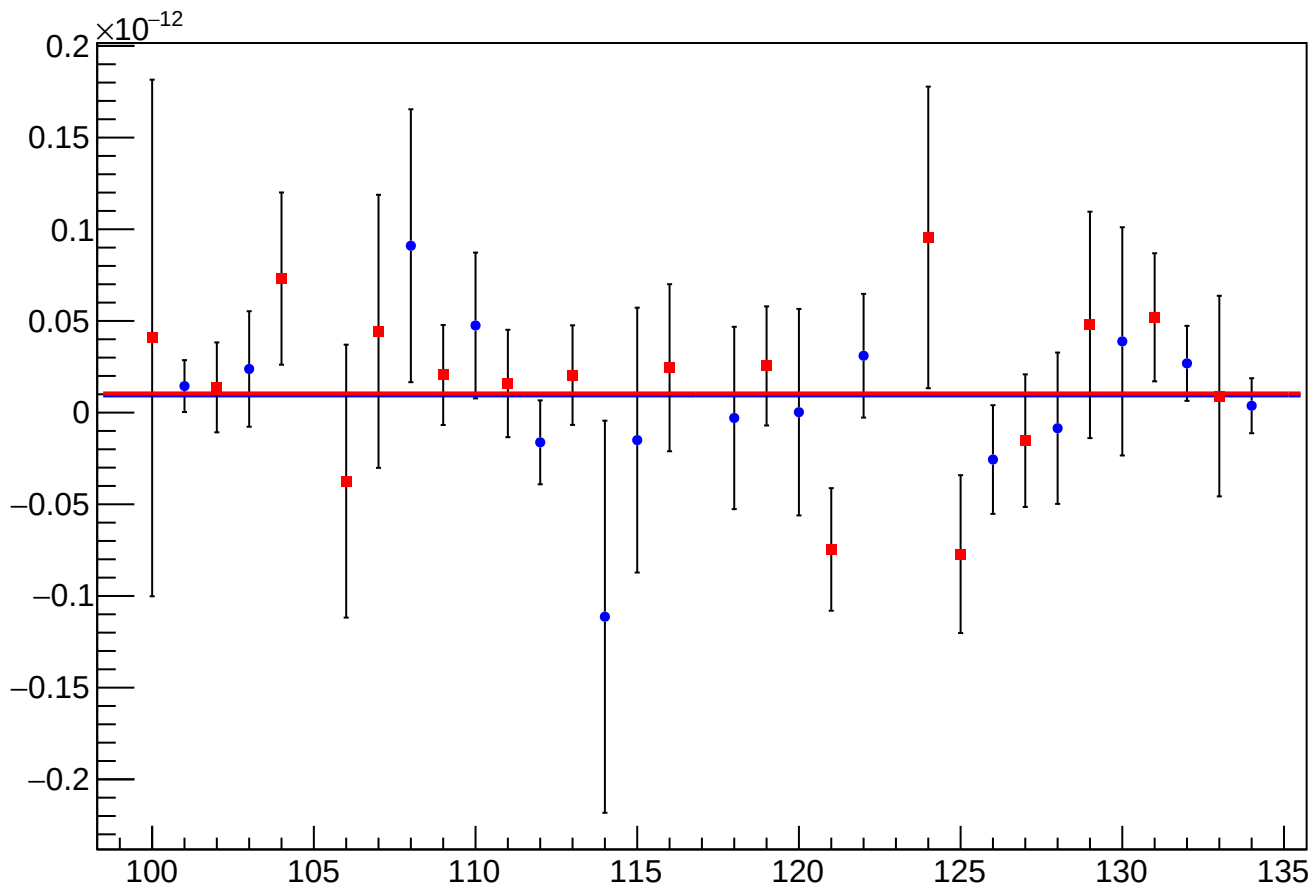
Right: 19.676+/-0.004 χ^2/NDF : 3294695.7/31

In: 19.712+/-0.006 χ^2/NDF :1622655.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294695.7/31

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

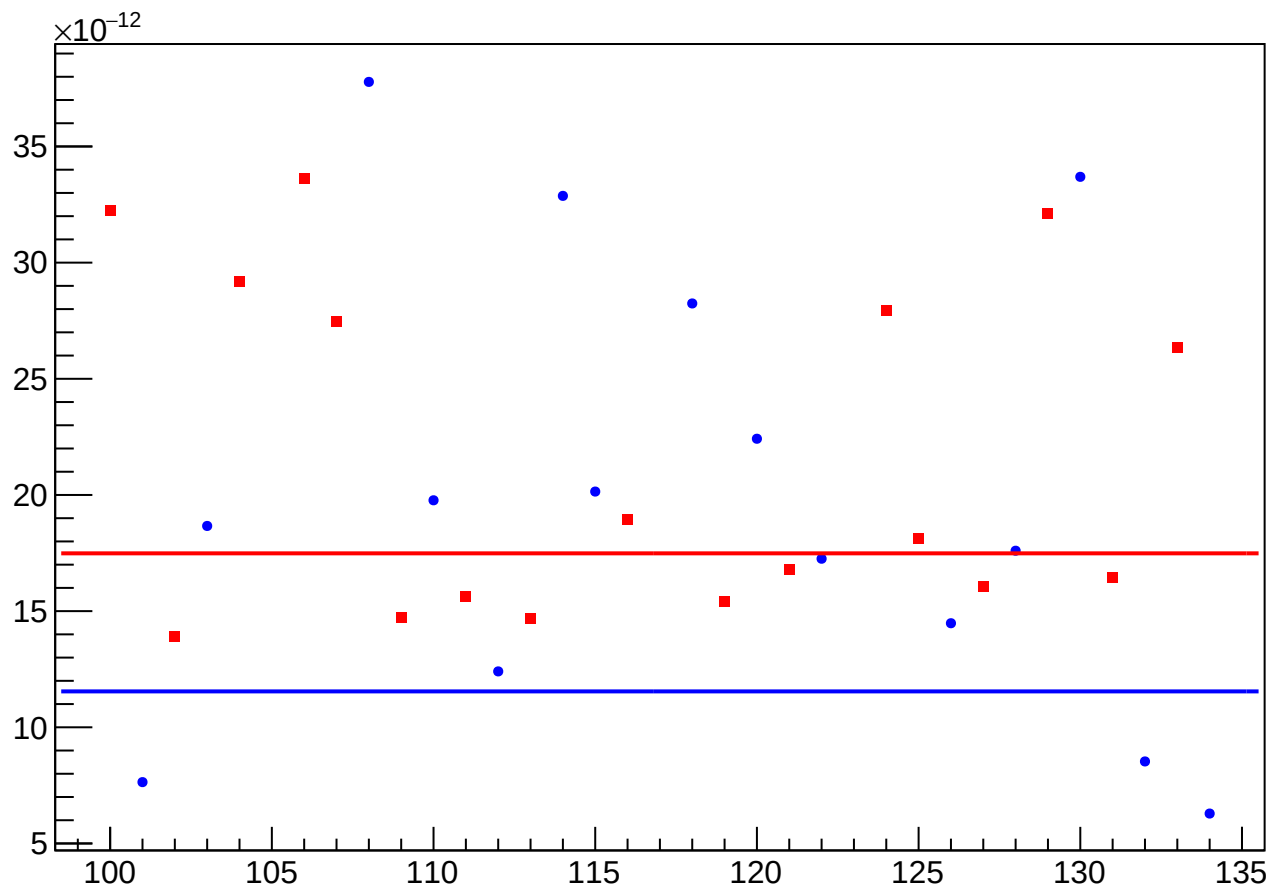
Right: 0.000+/-0.000 χ^2/NDF : 25.3/31

In: 0.000+/-0.000 χ^2/NDF : 8.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.3/31

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1662037.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582223.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

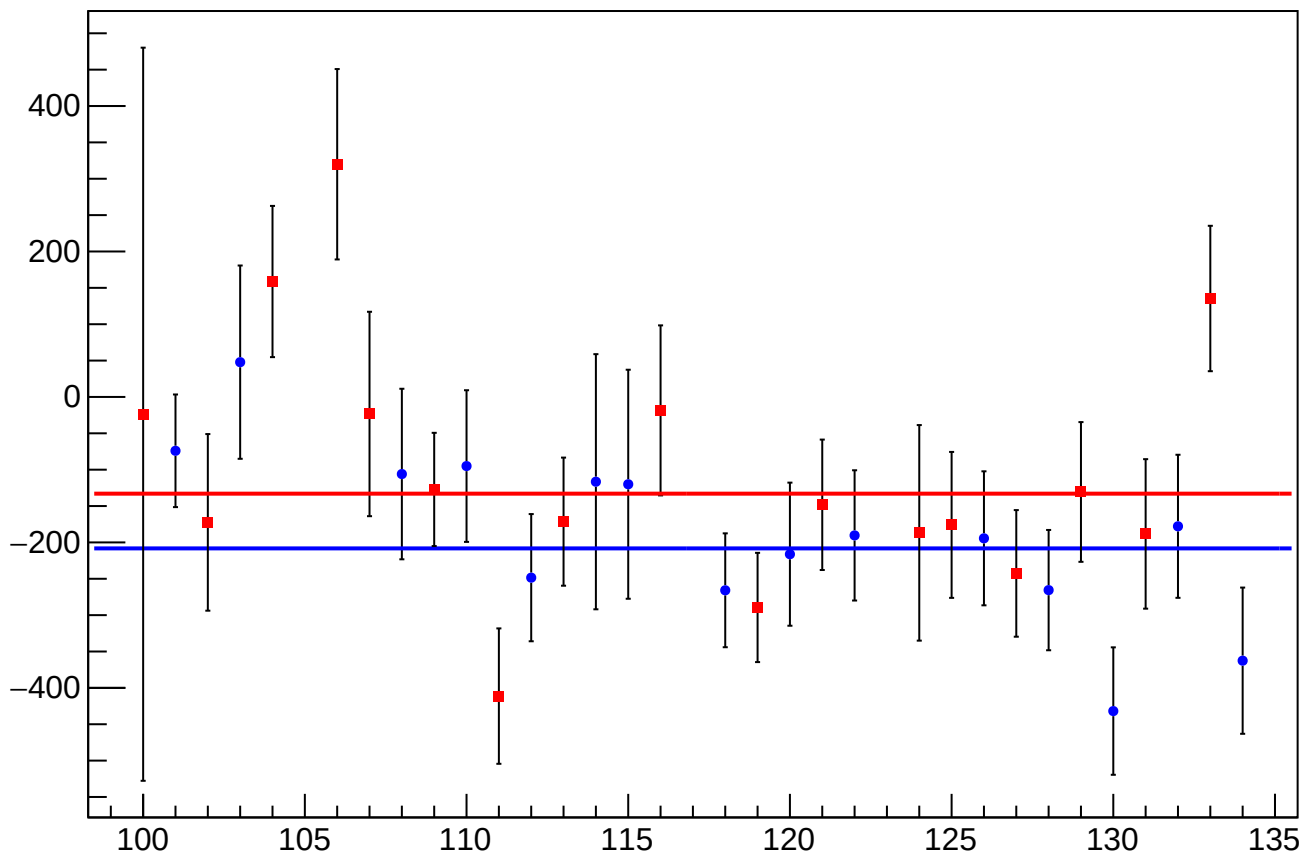
Right: 0.000+/-0.000 χ^2/NDF : 2756790.1/31

In: 0.000+/-0.000 χ^2/NDF : 1662037.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2756790.1/31

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -208.234 ± 25.161 $\chi^2/\text{NDF}: 19.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -132.975 ± 24.712 $\chi^2/\text{NDF}: 44.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

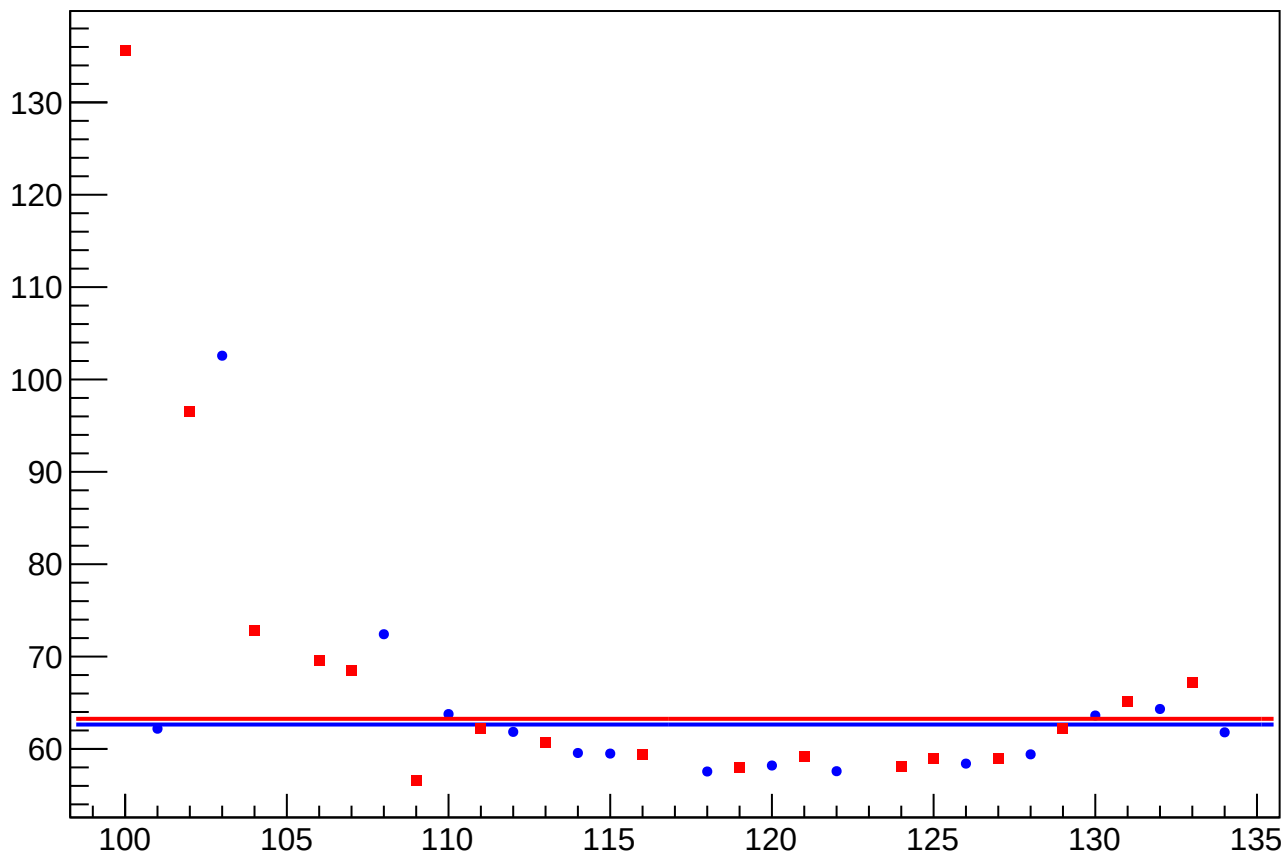
Right: -169.927 ± 17.630 $\chi^2/\text{NDF}: 68.5/31$

In: -208.234 ± 25.161 $\chi^2/\text{NDF}: 19.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -169.927 ± 17.630 $\chi^2/\text{NDF}: 68.5/31$

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.643 $\pm$ 0.018 χ^2 /NDF: 223530.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.260 $\pm$ 0.017 χ^2 /NDF: 263447.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

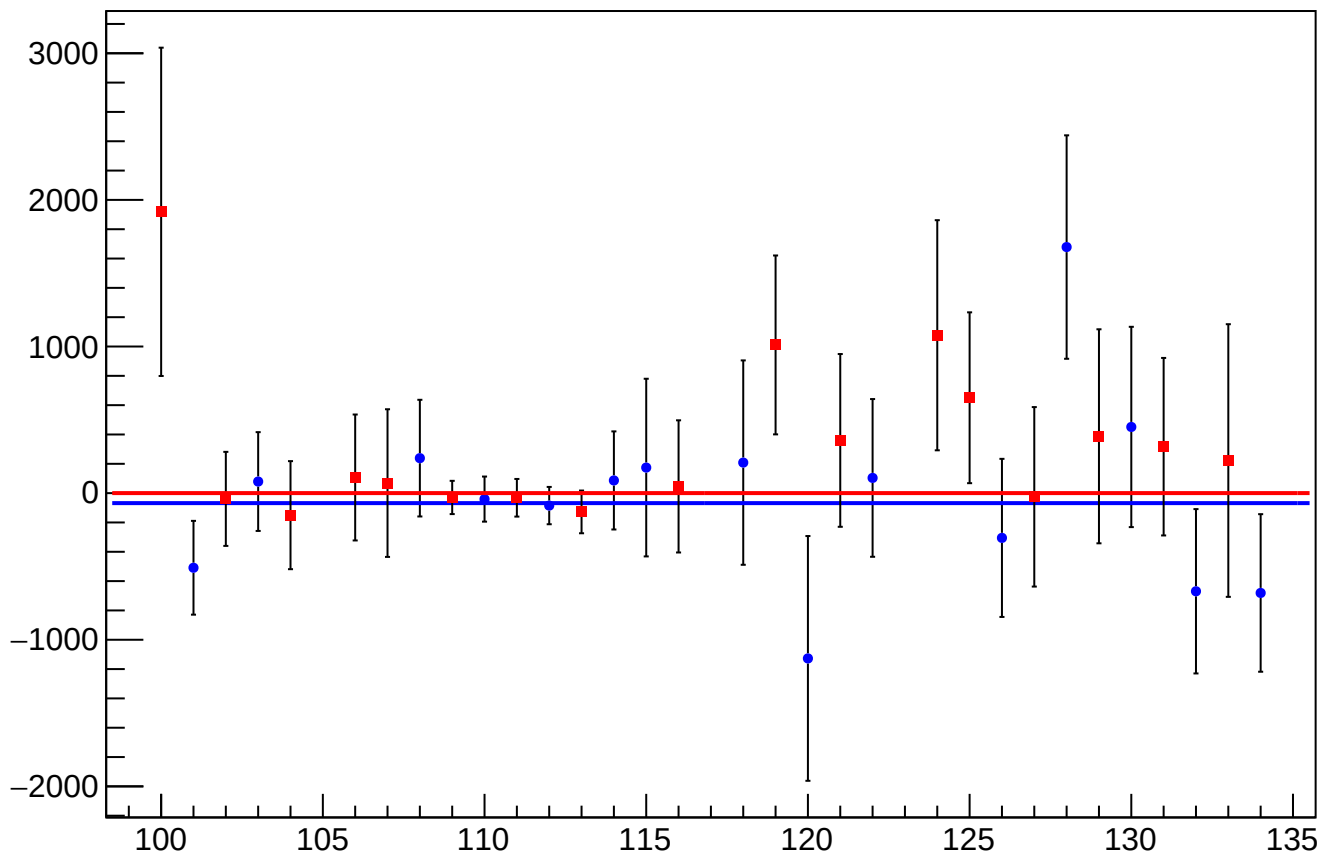
Right: 62.957 $\pm$ 0.012 χ^2 /NDF: 487591.1/31

In: 62.643 $\pm$ 0.018 χ^2 /NDF:223530.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.957 $\pm$ 0.012 χ^2 /NDF: 487591.1/31

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -68.078+/-78.688 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.284+/-65.047 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

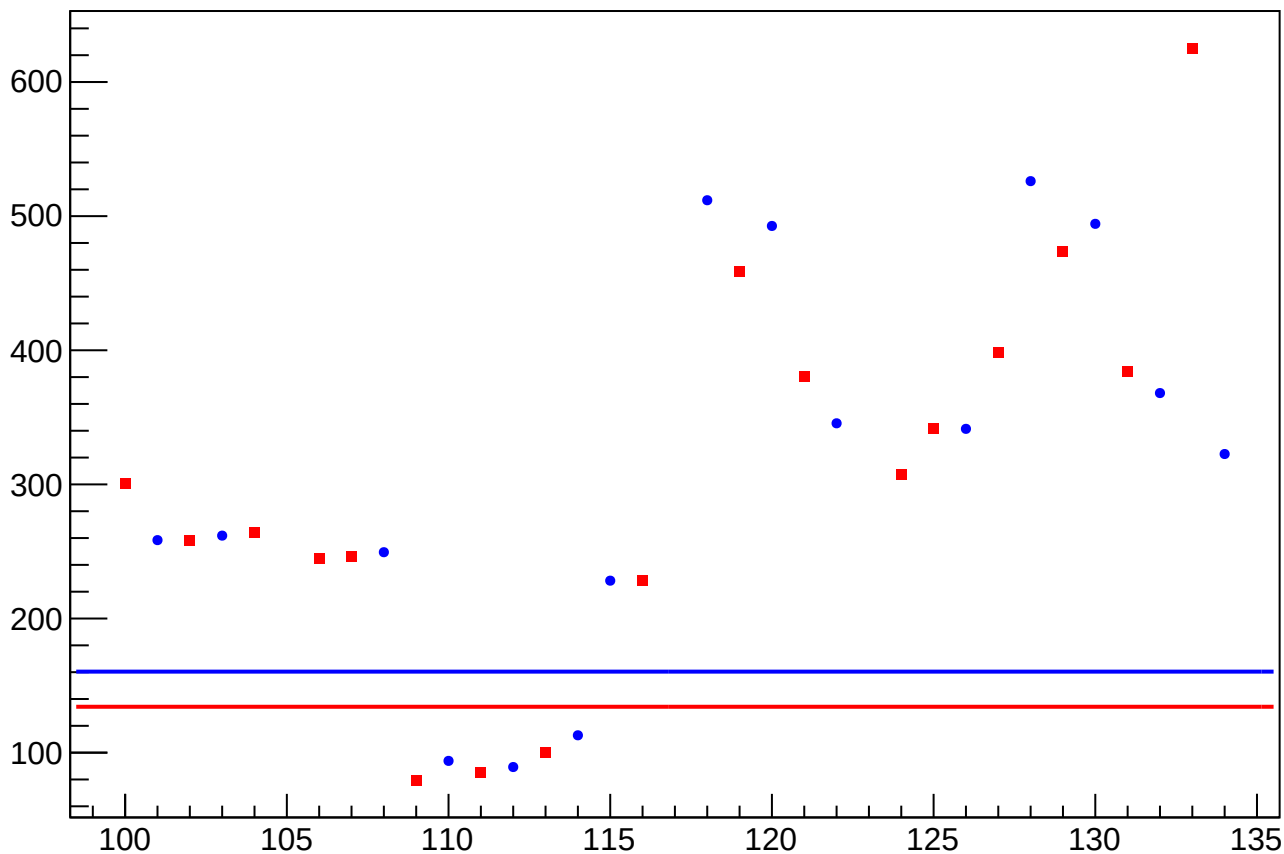
Right: -27.467+/-50.135 χ^2/NDF : 24.9/31

In: -68.078+/-78.688 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.467+/-50.135 χ^2/NDF : 24.9/31

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 160.414+/-0.056 χ^2/NDF : 4217278.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.214+/-0.046 χ^2/NDF : 4751252.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

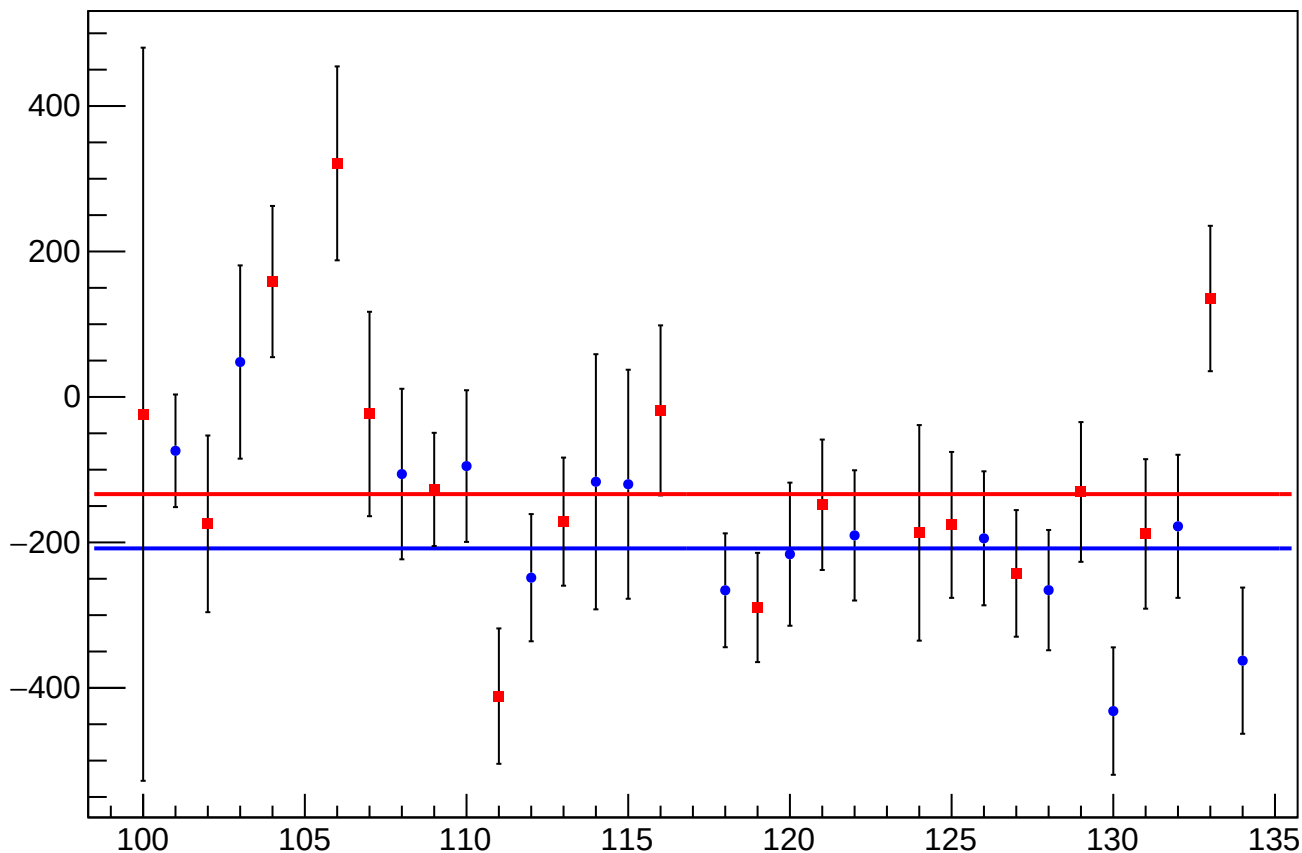
Right: 144.849+/-0.035 χ^2/NDF : 9100250.4/31

In: 160.414+/-0.056 χ^2/NDF : 4217278.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.849+/-0.035 χ^2/NDF : 9100250.4/31

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -208.233+/-25.161 χ^2/NDF : 19.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.598+/-24.728 χ^2/NDF : 44.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

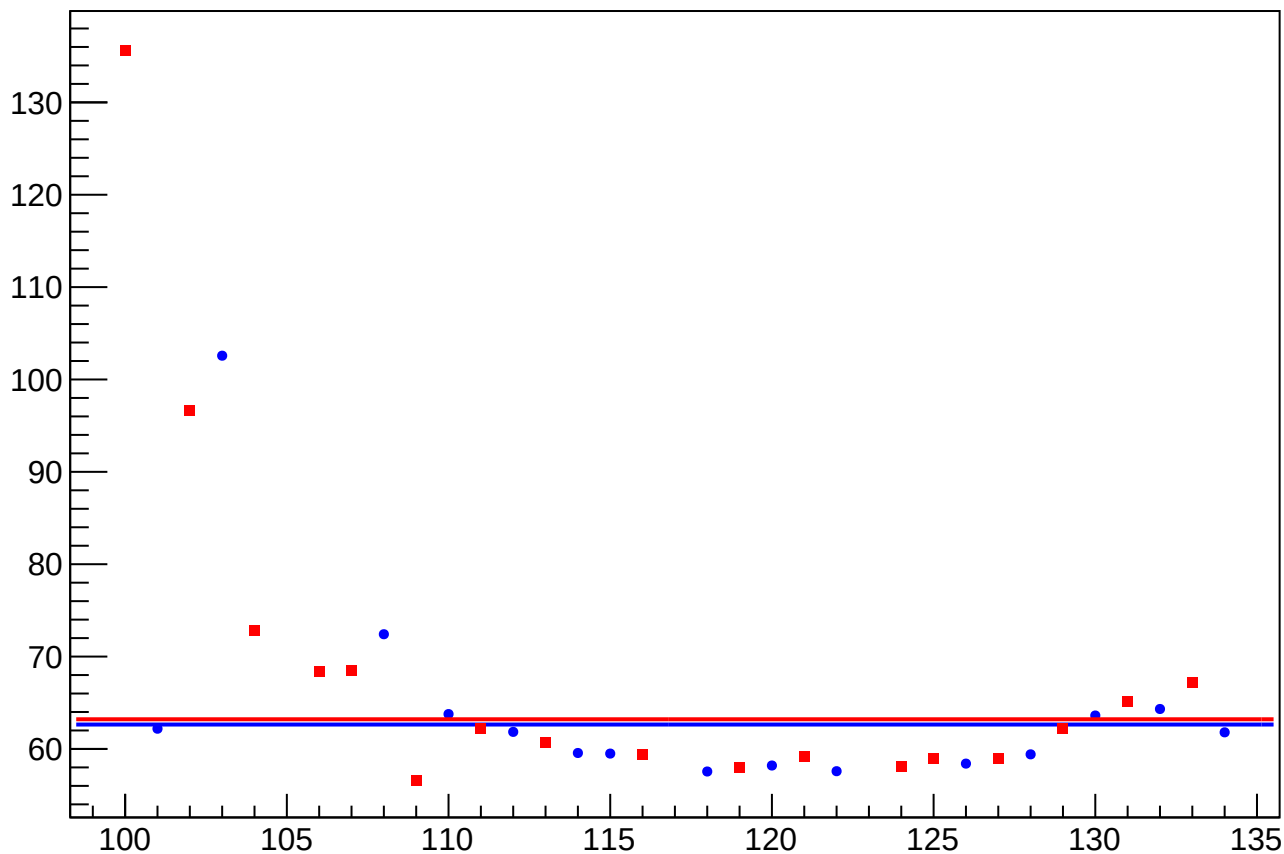
Right: -170.269+/-17.636 χ^2/NDF : 68.1/31

In: -208.233+/-25.161 χ^2/NDF : 19.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.269+/-17.636 χ^2/NDF : 68.1/31

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.643 $\pm$ 0.018 χ^2/NDF : 223532.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 63.212 $\pm$ 0.017 χ^2/NDF : 261955.8/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

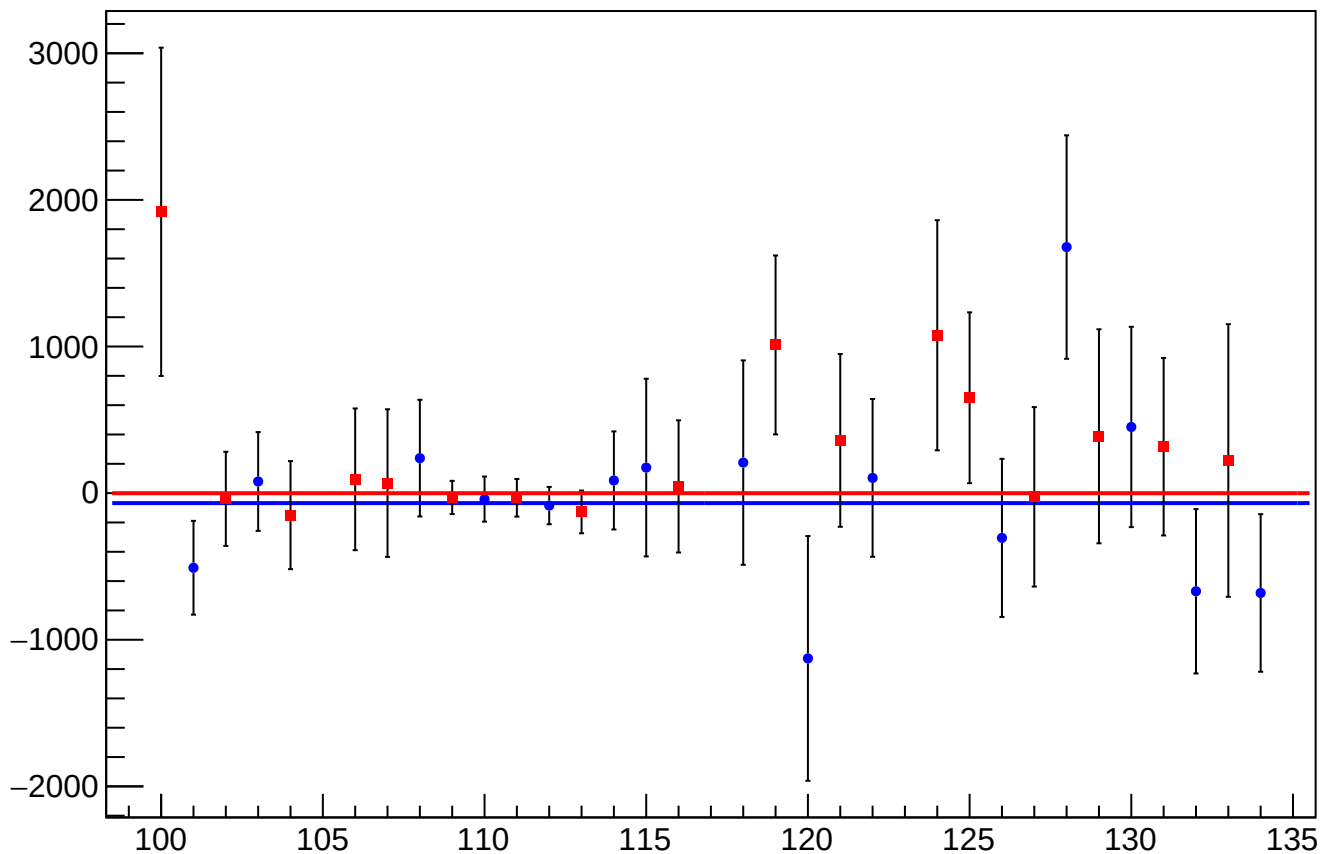
Right: 62.932 $\pm$ 0.012 χ^2/NDF : 486010.0/31

In: 62.643 $\pm$ 0.018 χ^2/NDF : 223532.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 62.932 $\pm$ 0.012 χ^2/NDF : 486010.0/31

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -68.059+/-78.689 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.439+/-65.207 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

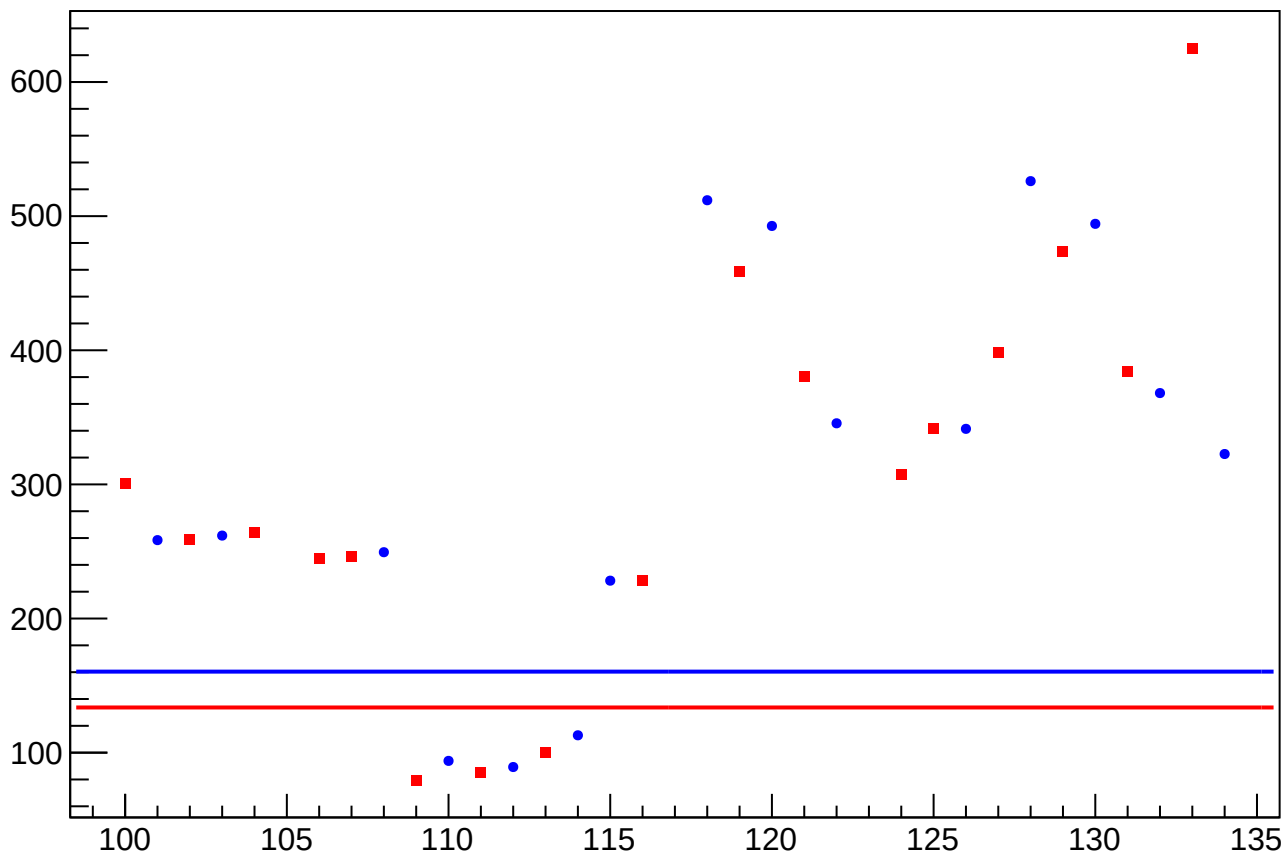
Right: -27.969+/-50.208 χ^2/NDF : 24.8/31

In: -68.059+/-78.689 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.969+/-50.208 χ^2/NDF : 24.8/31

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 160.414+/-0.056 χ^2/NDF : 4217334.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.681+/-0.046 χ^2/NDF : 4724467.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

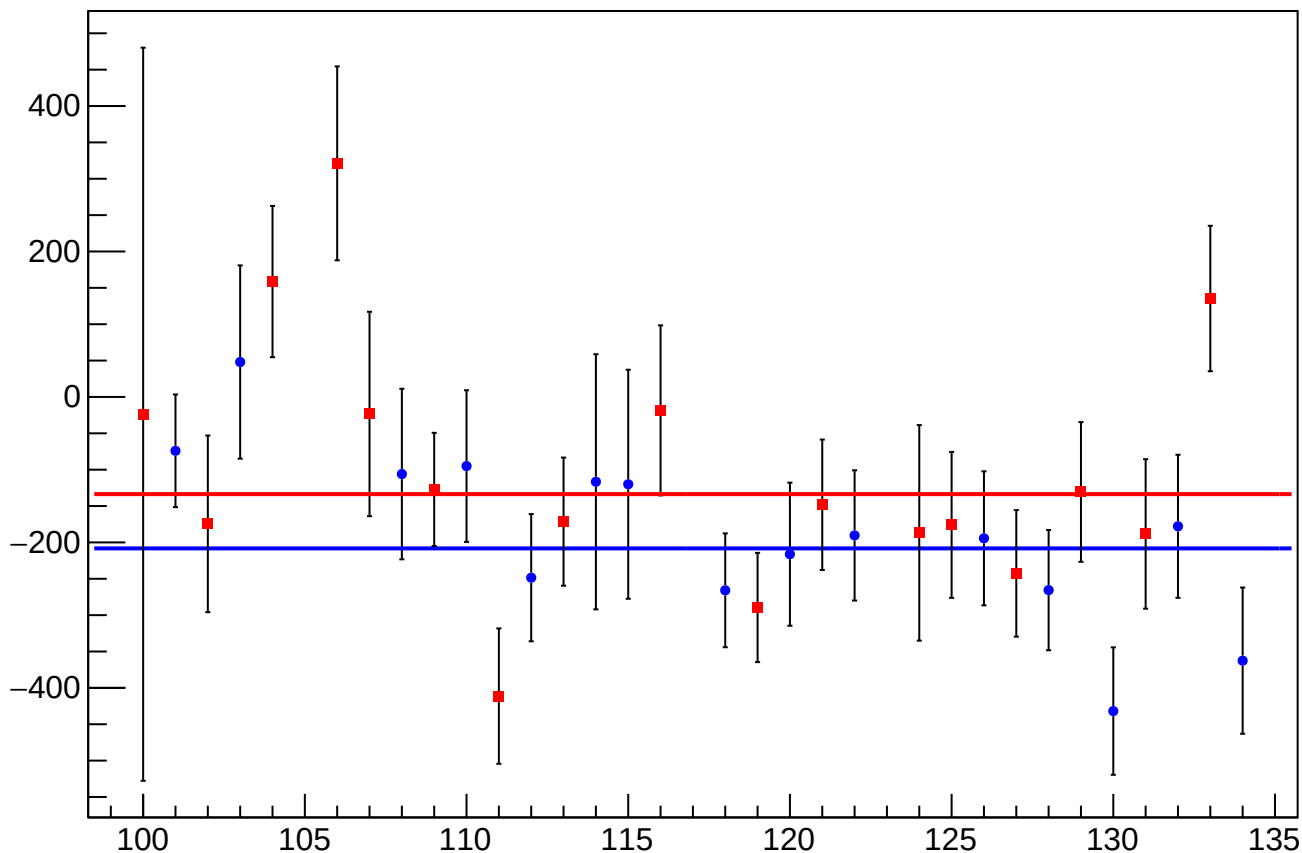
Right: 144.565+/-0.036 χ^2/NDF : 9078657.7/31

In: 160.414+/-0.056 χ^2/NDF : 4217334.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.565+/-0.036 χ^2/NDF : 9078657.7/31

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -208.233+/-25.161 χ^2/NDF : 19.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.598+/-24.728 χ^2/NDF : 44.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

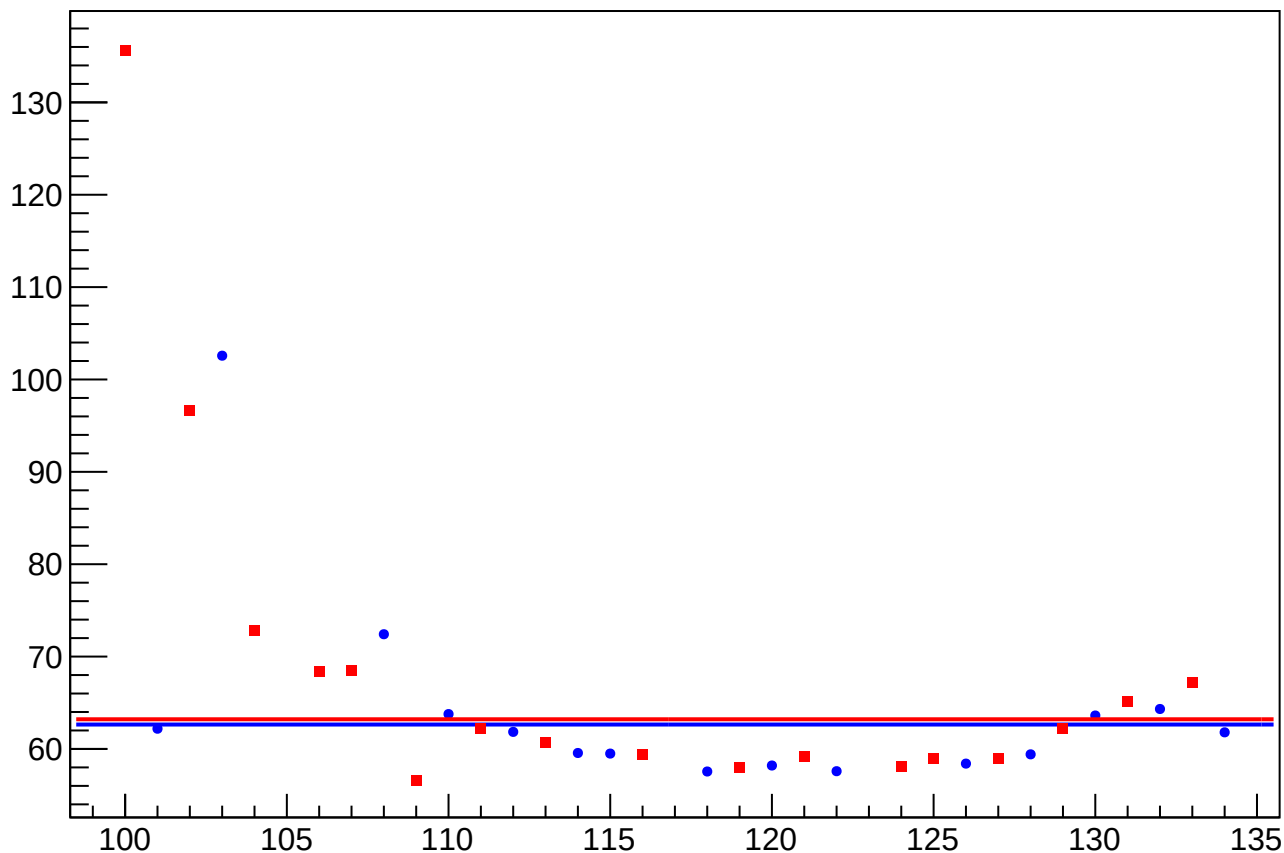
Right: -170.269+/-17.636 χ^2/NDF : 68.1/31

In: -208.233+/-25.161 χ^2/NDF : 19.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.269+/-17.636 χ^2/NDF : 68.1/31

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.643+/-0.018 χ^2/NDF : 223532.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.212+/-0.017 χ^2/NDF : 261955.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

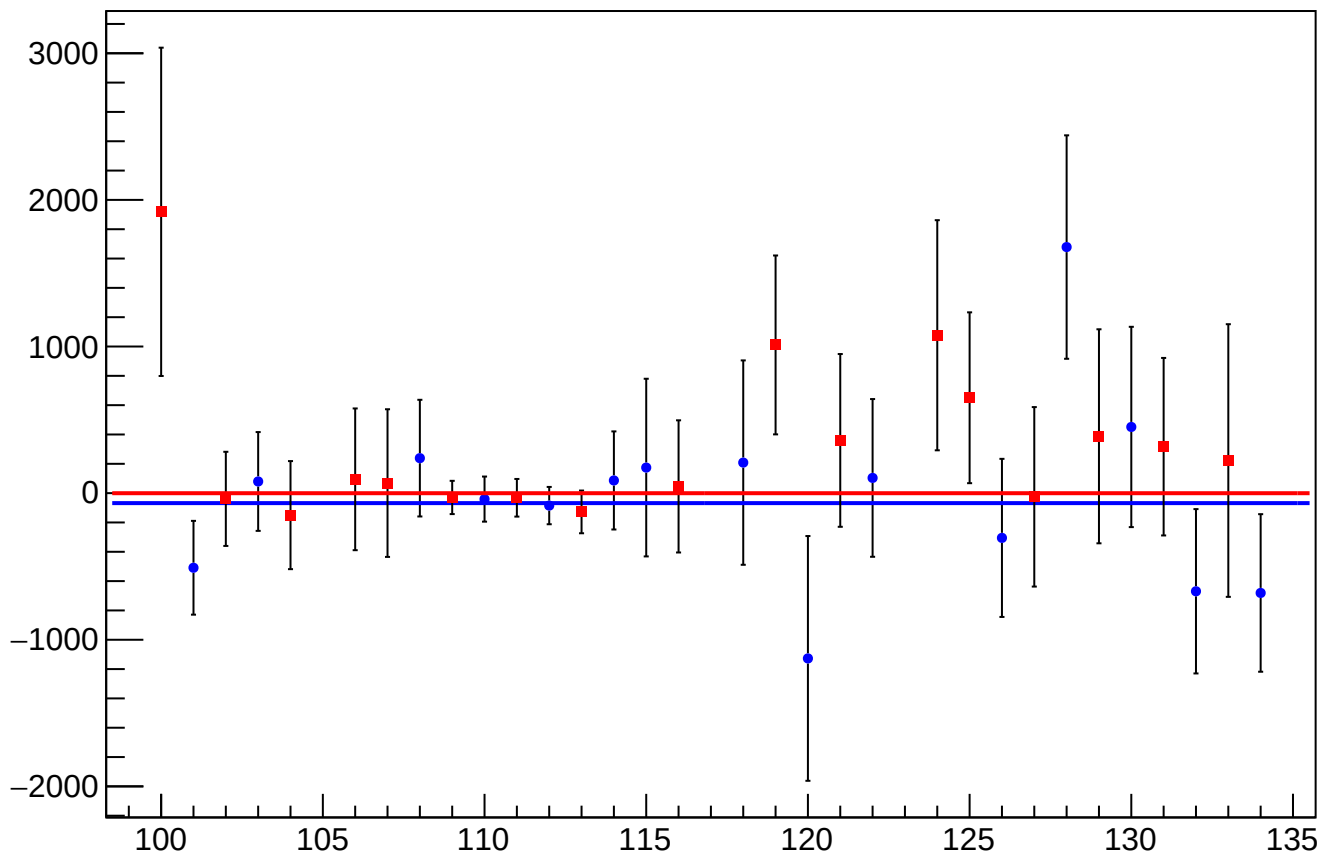
Right: 62.932+/-0.012 χ^2/NDF : 486010.0/31

In: 62.643+/-0.018 χ^2/NDF : 223532.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.932+/-0.012 χ^2/NDF : 486010.0/31

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -68.059+/-78.689 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.439+/-65.207 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

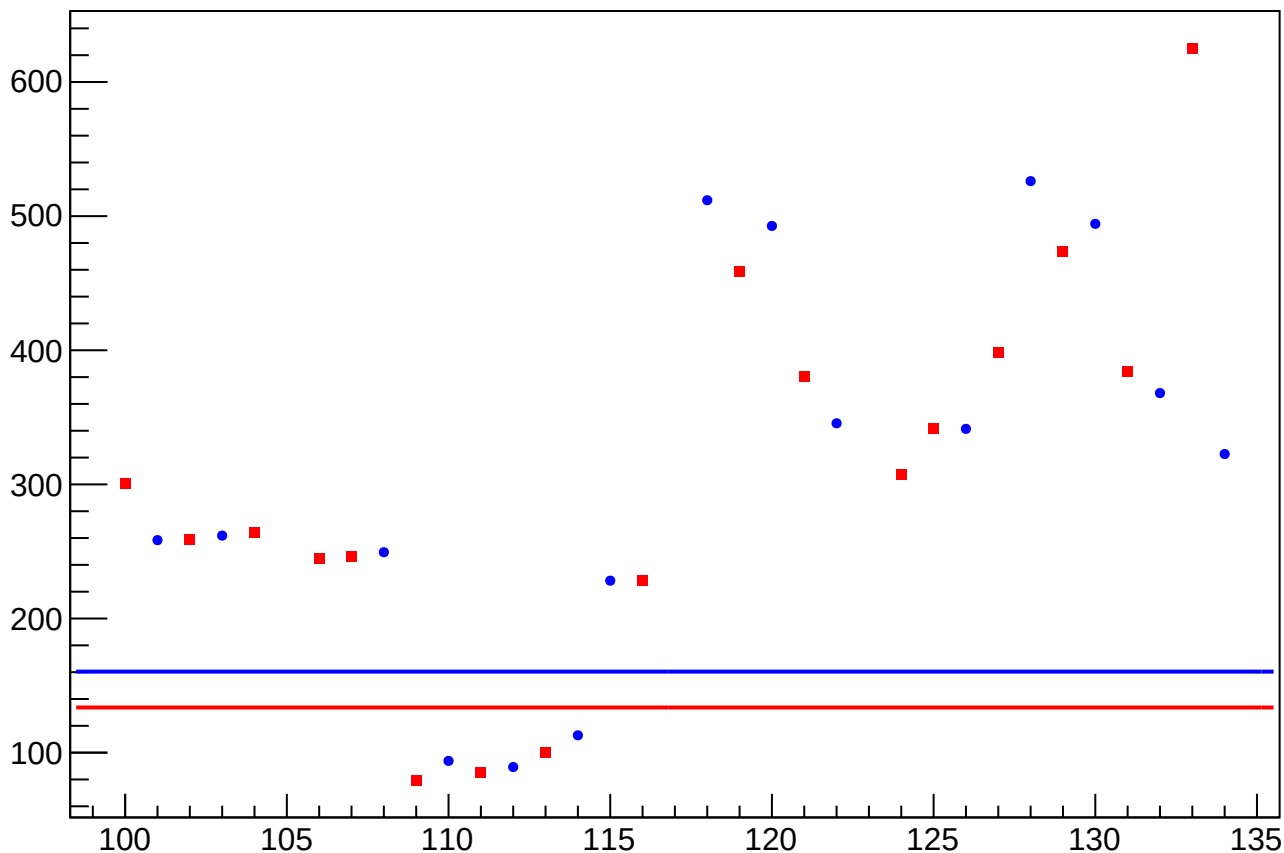
Right: -27.969+/-50.208 χ^2/NDF : 24.8/31

In: -68.059+/-78.689 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.969+/-50.208 χ^2/NDF : 24.8/31

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 160.414+/-0.056 χ^2/NDF : 4217334.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.681+/-0.046 χ^2/NDF : 4724467.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

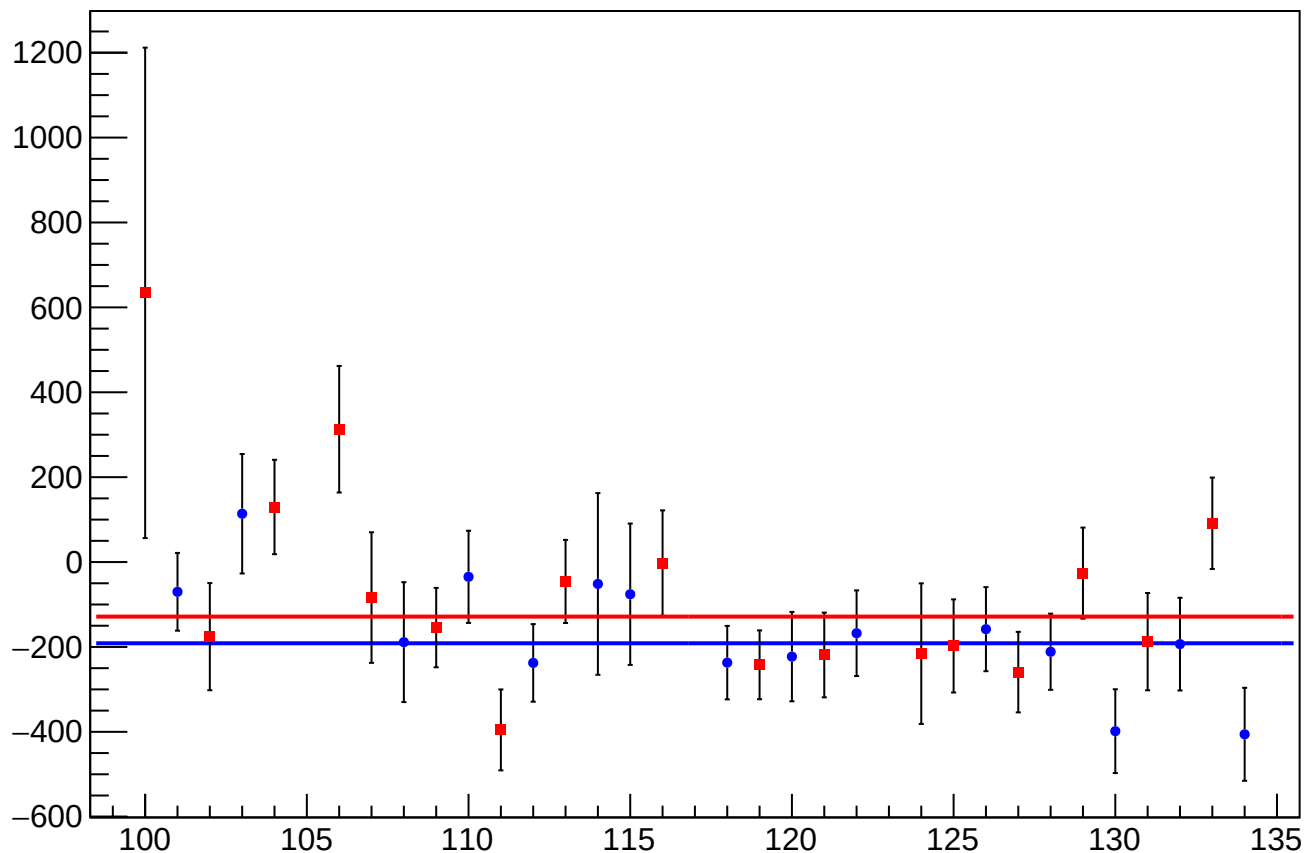
Right: 144.565+/-0.036 χ^2/NDF : 9078657.7/31

In: 160.414+/-0.056 χ^2/NDF : 4217334.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.565+/-0.036 χ^2/NDF : 9078657.7/31

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -191.349 ± 27.734 χ^2/NDF : 18.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.507 ± 27.115 χ^2/NDF : 36.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

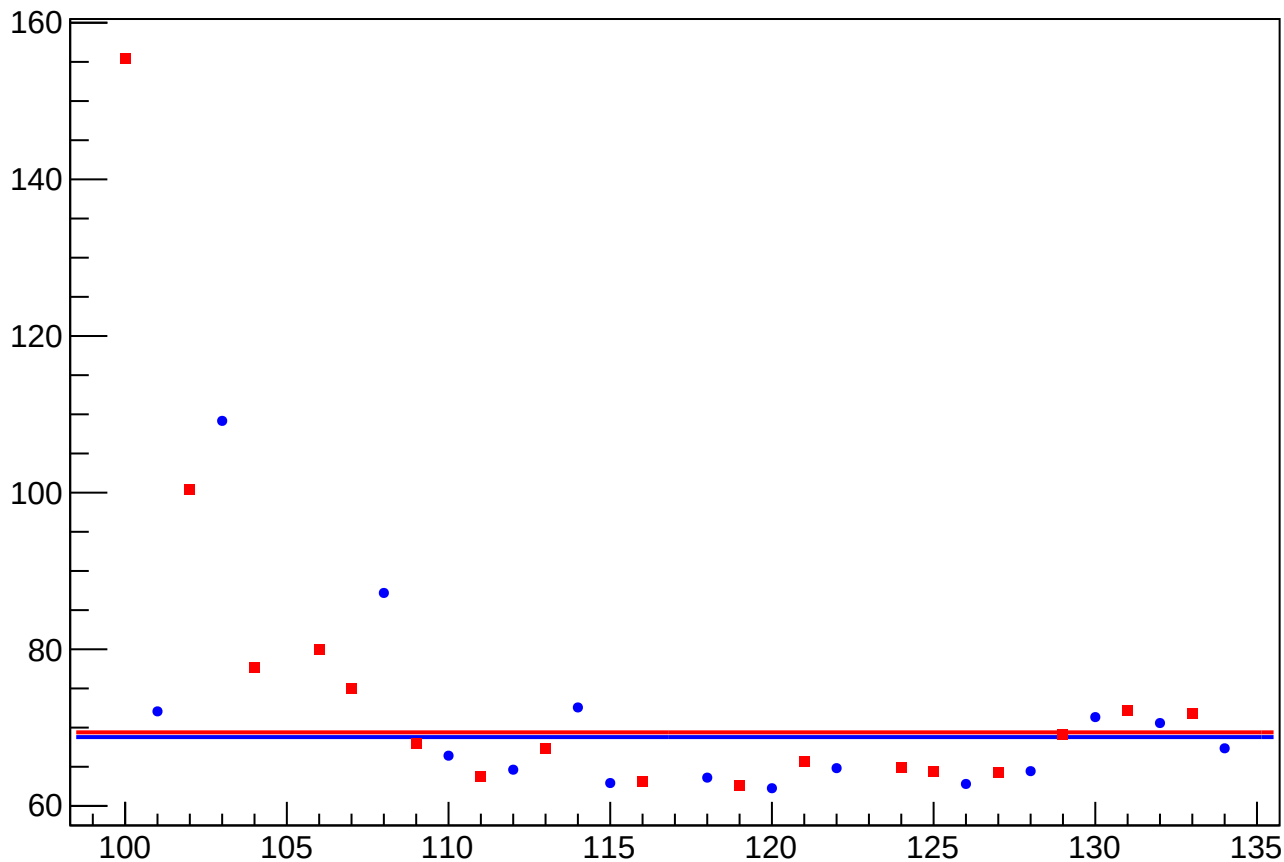
Right: -159.218 ± 19.388 χ^2/NDF : 57.6/31

In: -191.349 ± 27.734 χ^2/NDF : 18.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -159.218 ± 19.388 χ^2/NDF : 57.6/31

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.788 $\pm$ 0.020 χ^2 /NDF: 241577.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.394 $\pm$ 0.019 χ^2 /NDF: 233406.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

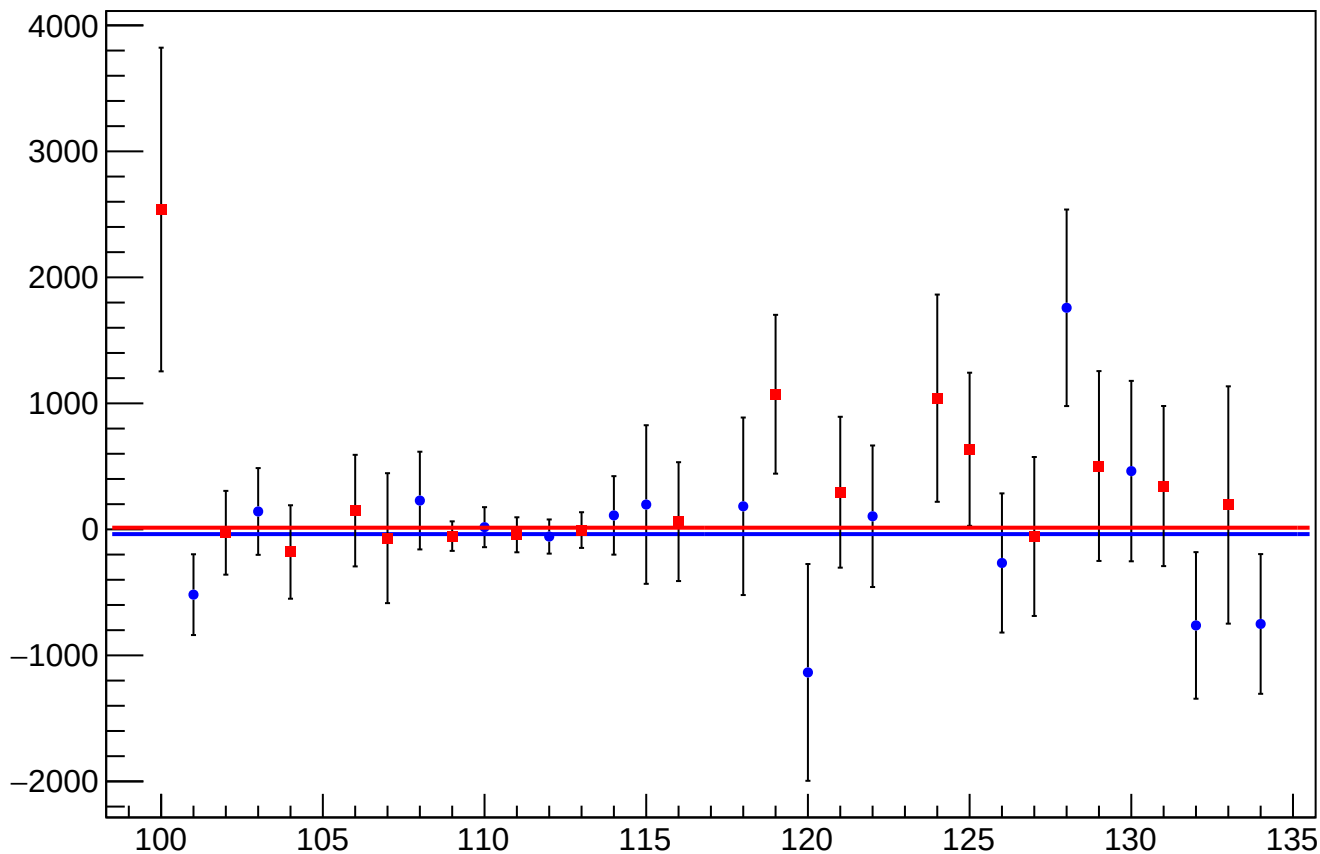
Right: 69.098 $\pm$ 0.014 χ^2 /NDF: 475473.1/31

In: 68.788 $\pm$ 0.020 χ^2 /NDF:241577.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.098 $\pm$ 0.014 χ^2 /NDF: 475473.1/31

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -37.634 $\pm$ 81.292 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.305 $\pm$ 67.085 χ^2 /NDF: 11.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

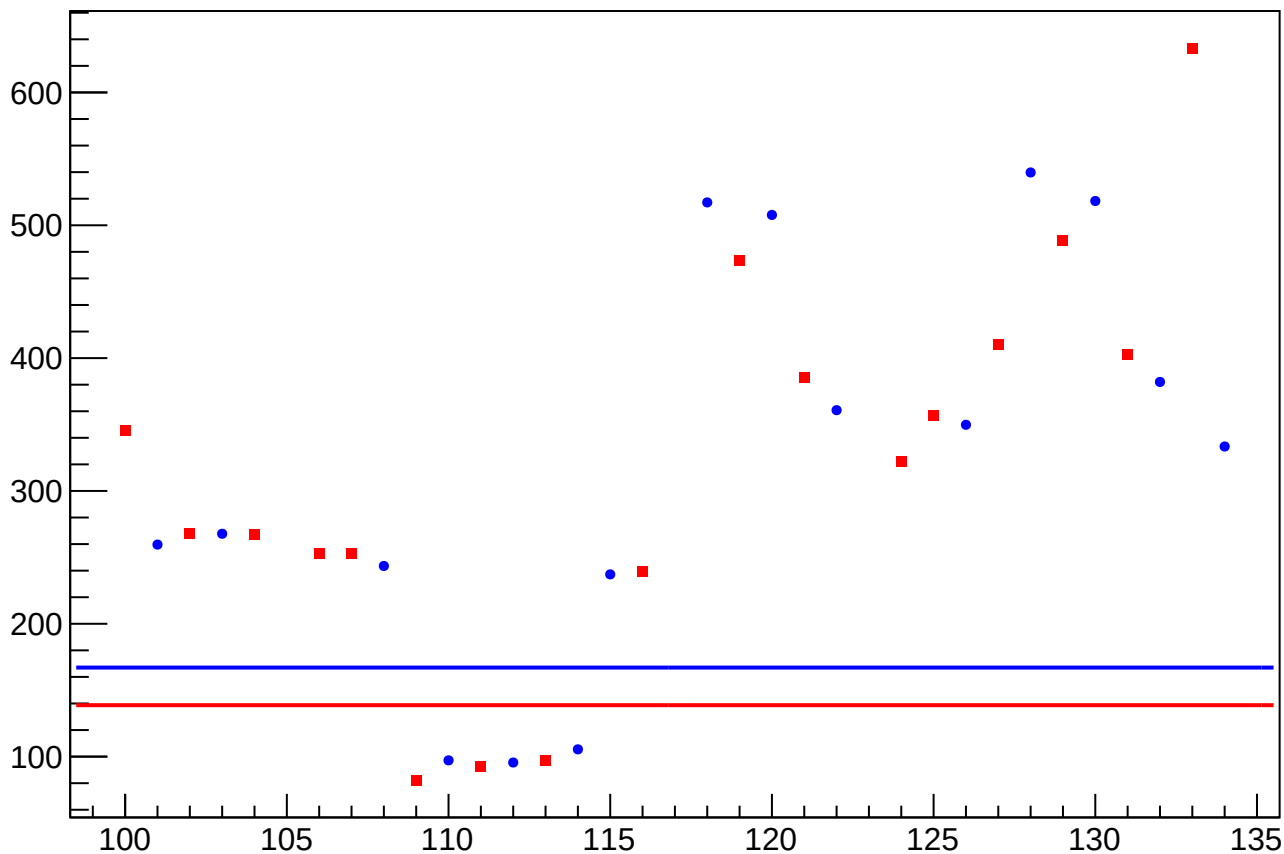
Right: -7.331 $\pm$ 51.742 χ^2 /NDF: 25.9/31

In: -37.634 $\pm$ 81.292 χ^2 /NDF:14.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.331 $\pm$ 51.742 χ^2 /NDF: 25.9/31

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 167.038+/-0.057 χ^2/NDF : 4118540.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 138.728+/-0.047 χ^2/NDF : 4738226.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

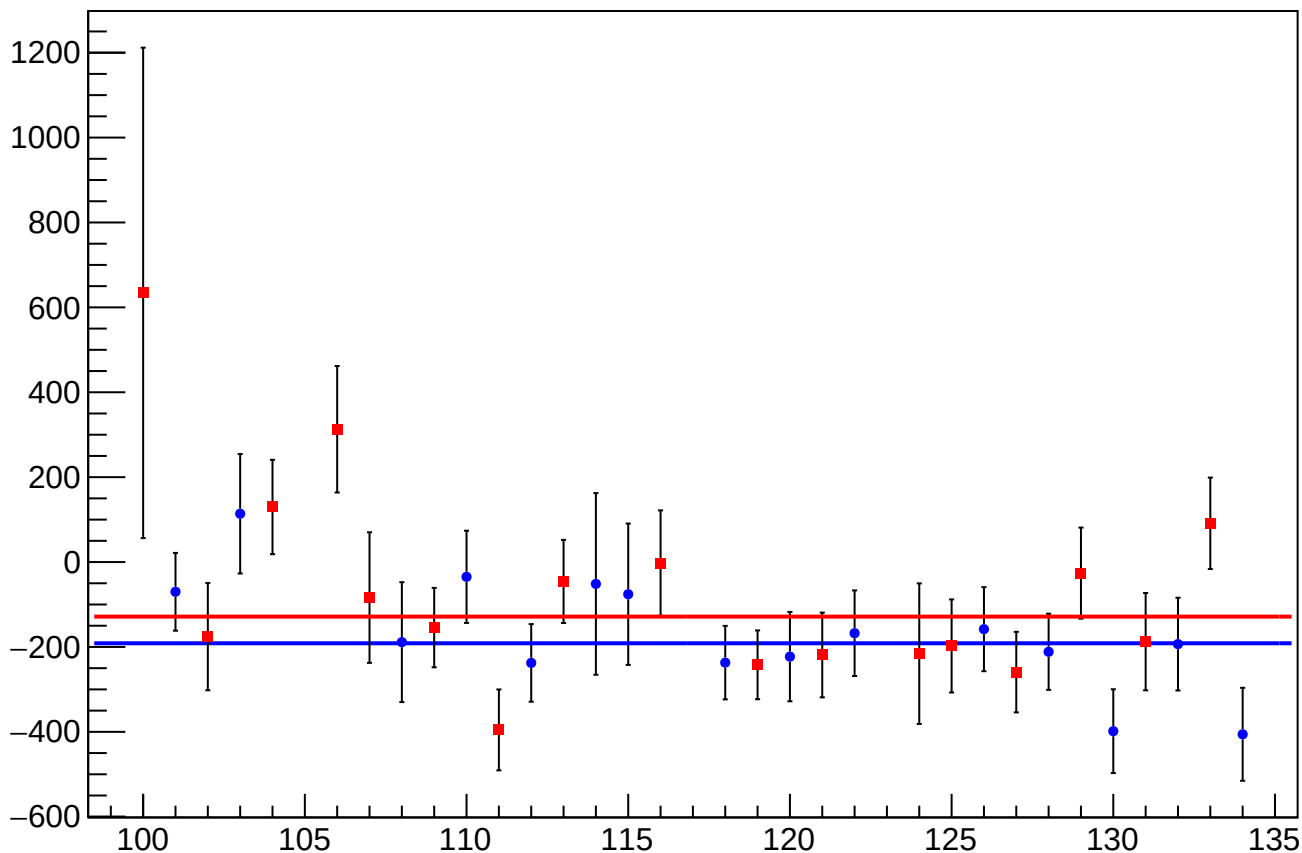
Right: 150.197+/-0.037 χ^2/NDF : 9001051.3/31

In: 167.038+/-0.057 χ^2/NDF :4118540.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.197+/-0.037 χ^2/NDF : 9001051.3/31

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -191.350 ± 27.734 χ^2/NDF : 18.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.509 ± 27.115 χ^2/NDF : 36.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

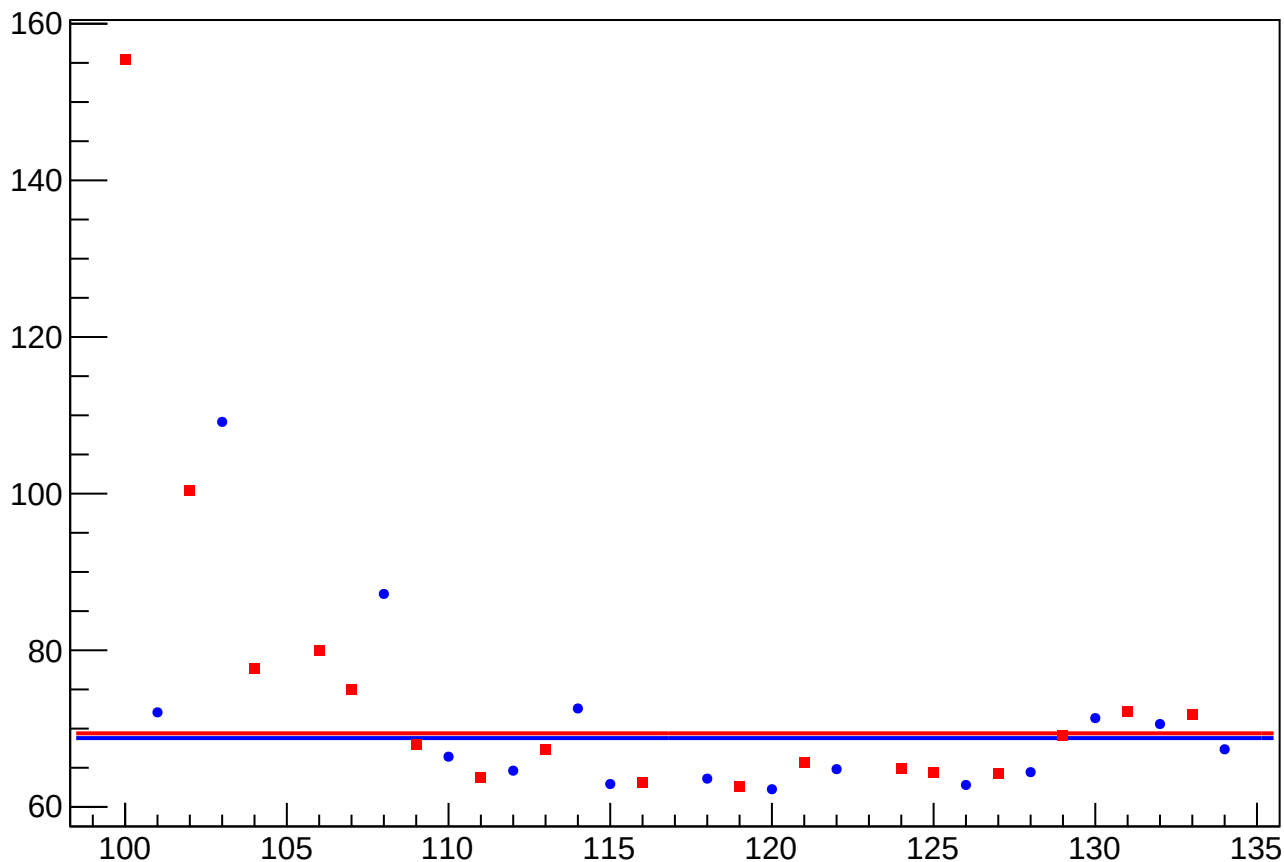
Right: -159.220 ± 19.388 χ^2/NDF : 57.6/31

In: -191.350 ± 27.734 χ^2/NDF : 18.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -159.220 ± 19.388 χ^2/NDF : 57.6/31

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.788+/-0.020 χ^2/NDF : 241577.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.394+/-0.019 χ^2/NDF : 233409.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

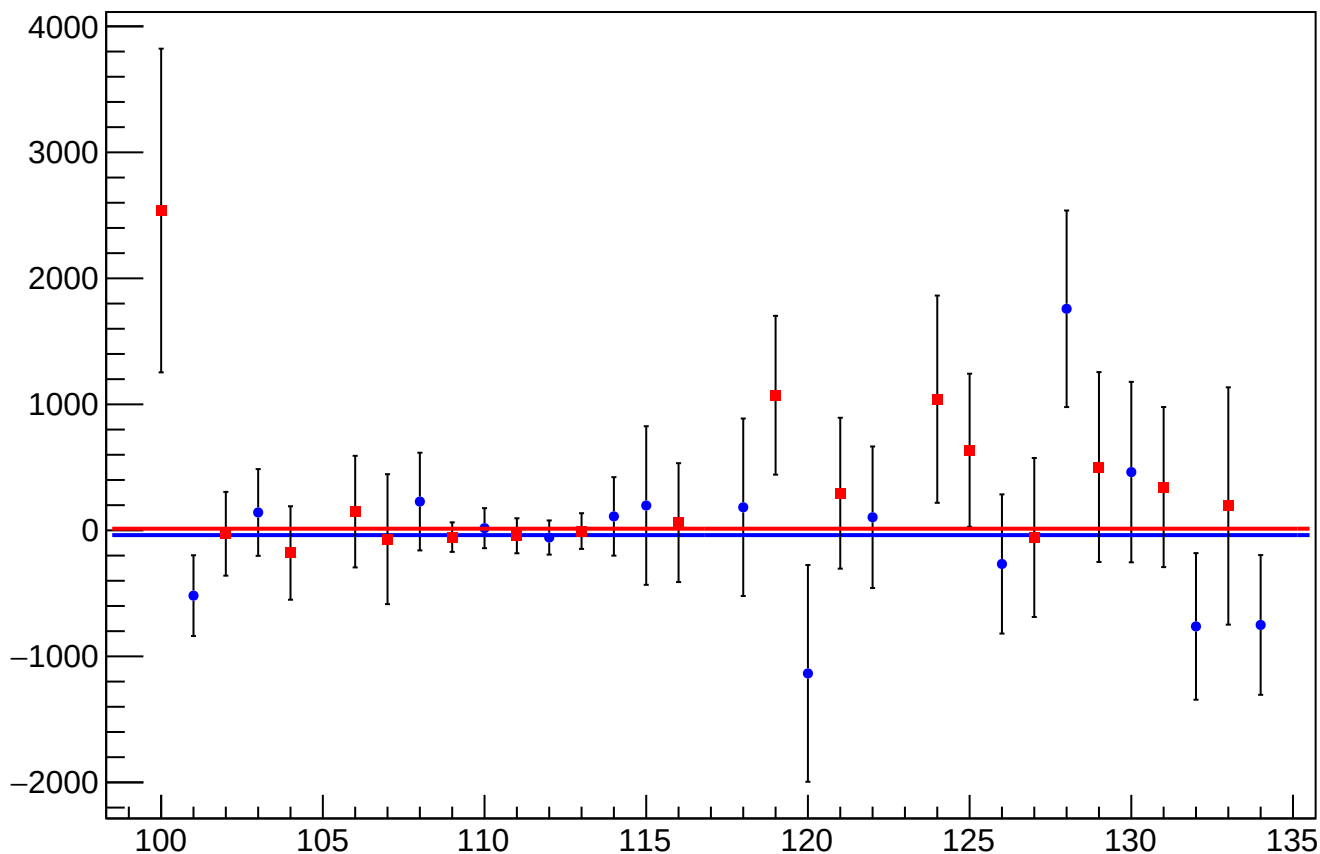
Right: 69.098+/-0.014 χ^2/NDF : 475475.9/31

In: 68.788+/-0.020 χ^2/NDF : 241577.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.098+/-0.014 χ^2/NDF : 475475.9/31

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -37.634 ± 81.292 χ^2/NDF : 14.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.304 ± 67.085 χ^2/NDF : 11.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

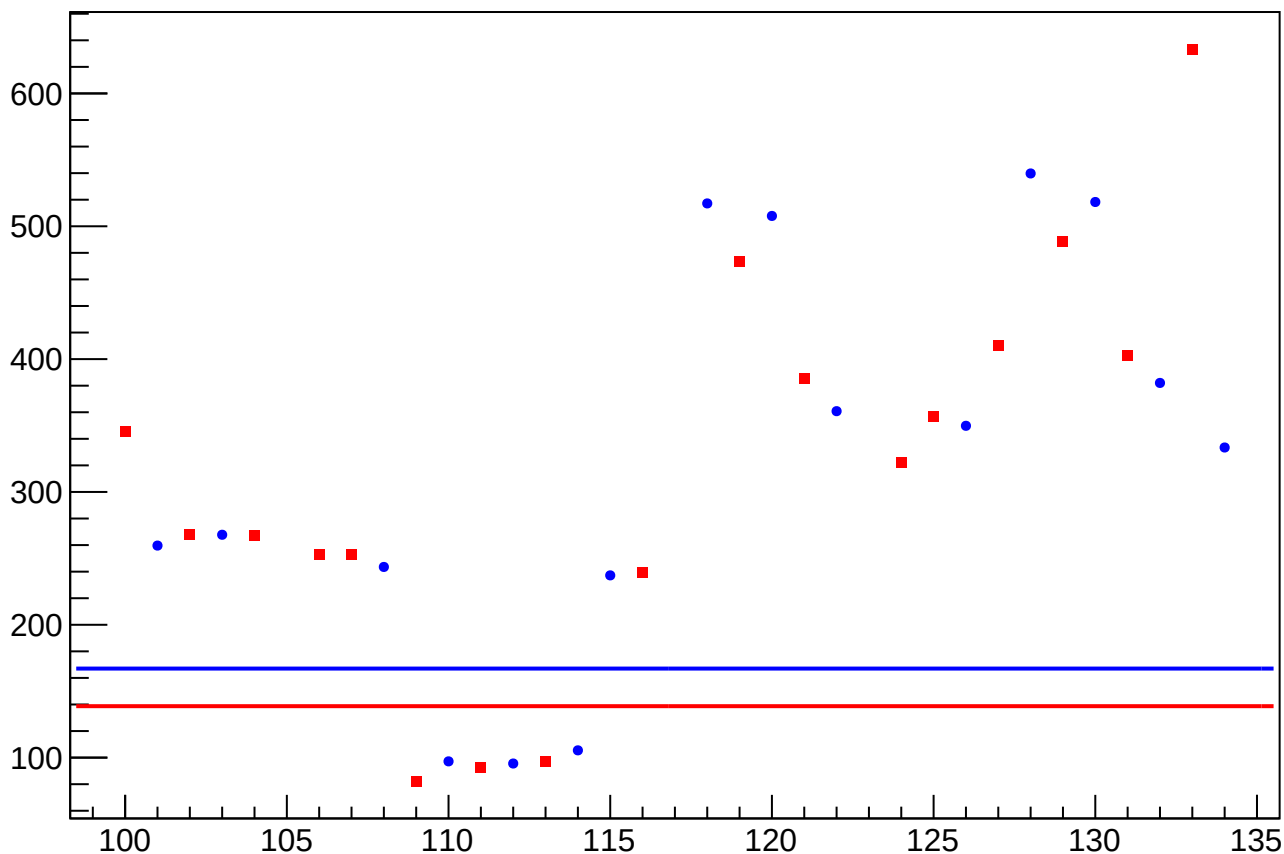
Right: -7.332 ± 51.741 χ^2/NDF : 25.9/31

In: -37.634 ± 81.292 χ^2/NDF : 14.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.332 ± 51.741 χ^2/NDF : 25.9/31

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 167.036+/-0.057 χ^2/NDF : 4118557.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 138.728+/-0.047 χ^2/NDF : 4738207.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

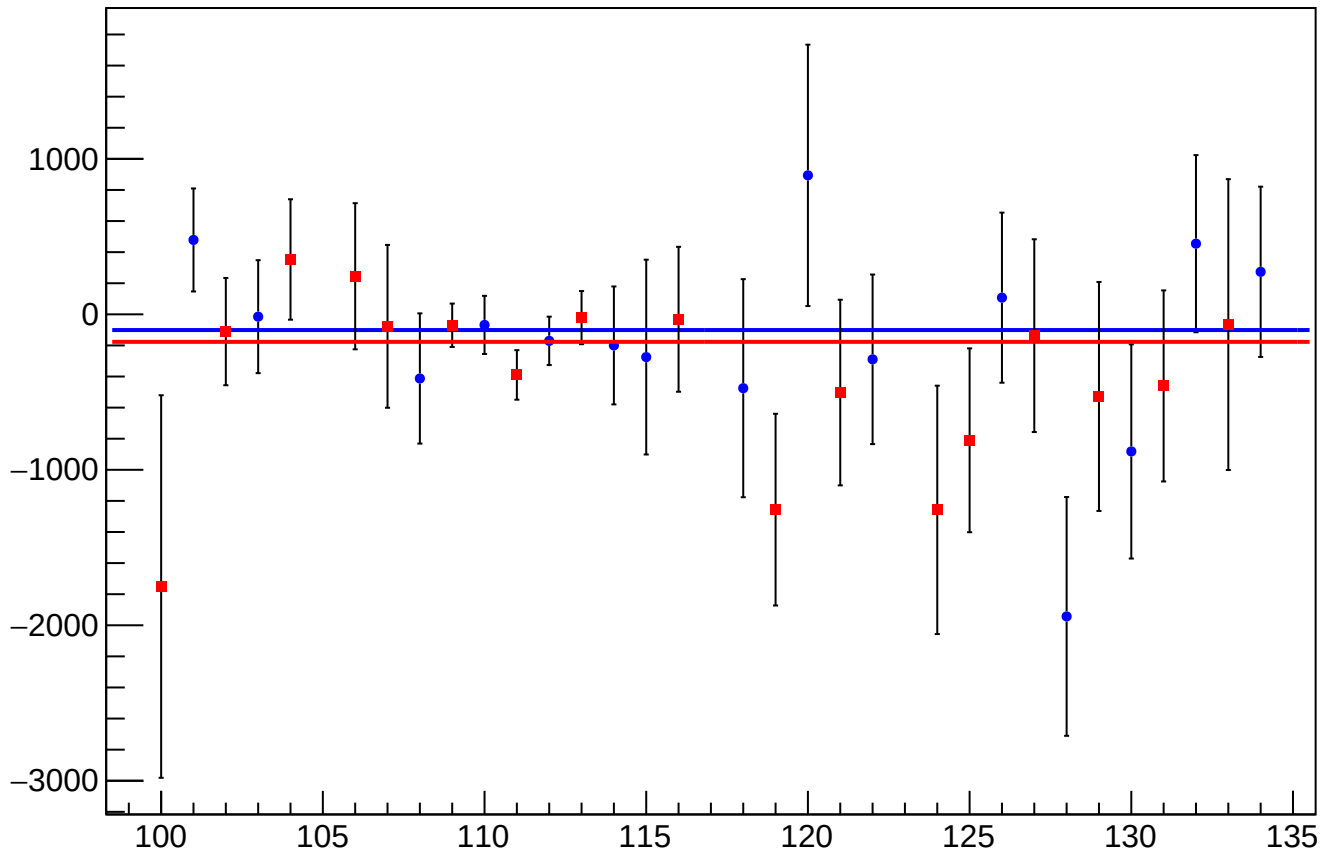
Right: 150.196+/-0.037 χ^2/NDF : 9001040.5/31

In: 167.036+/-0.057 χ^2/NDF :4118557.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.196+/-0.037 χ^2/NDF : 9001040.5/31

asym_sam8_mean vs Slug, Sign Corrected



Right In: -101.102 ± 90.471 $\chi^2/\text{NDF}: 14.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -176.948 ± 76.317 $\chi^2/\text{NDF}: 14.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

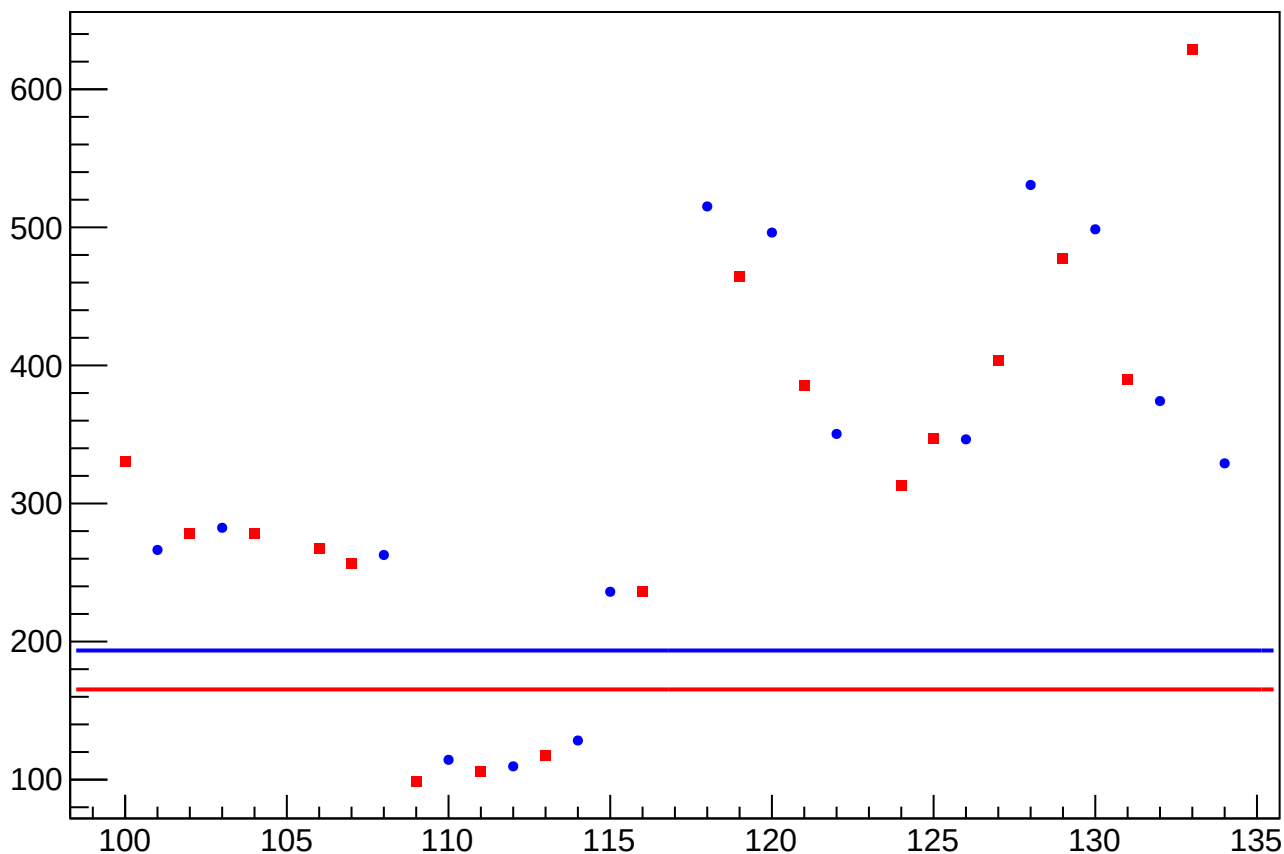
Right: -145.416 ± 58.334 $\chi^2/\text{NDF}: 29.3/31$

In: -101.102 ± 90.471 $\chi^2/\text{NDF}: 14.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -145.416 ± 58.334 $\chi^2/\text{NDF}: 29.3/31$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 193.535+/-0.064 χ^2/NDF : 3382262.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 165.335+/-0.054 χ^2/NDF : 3922574.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

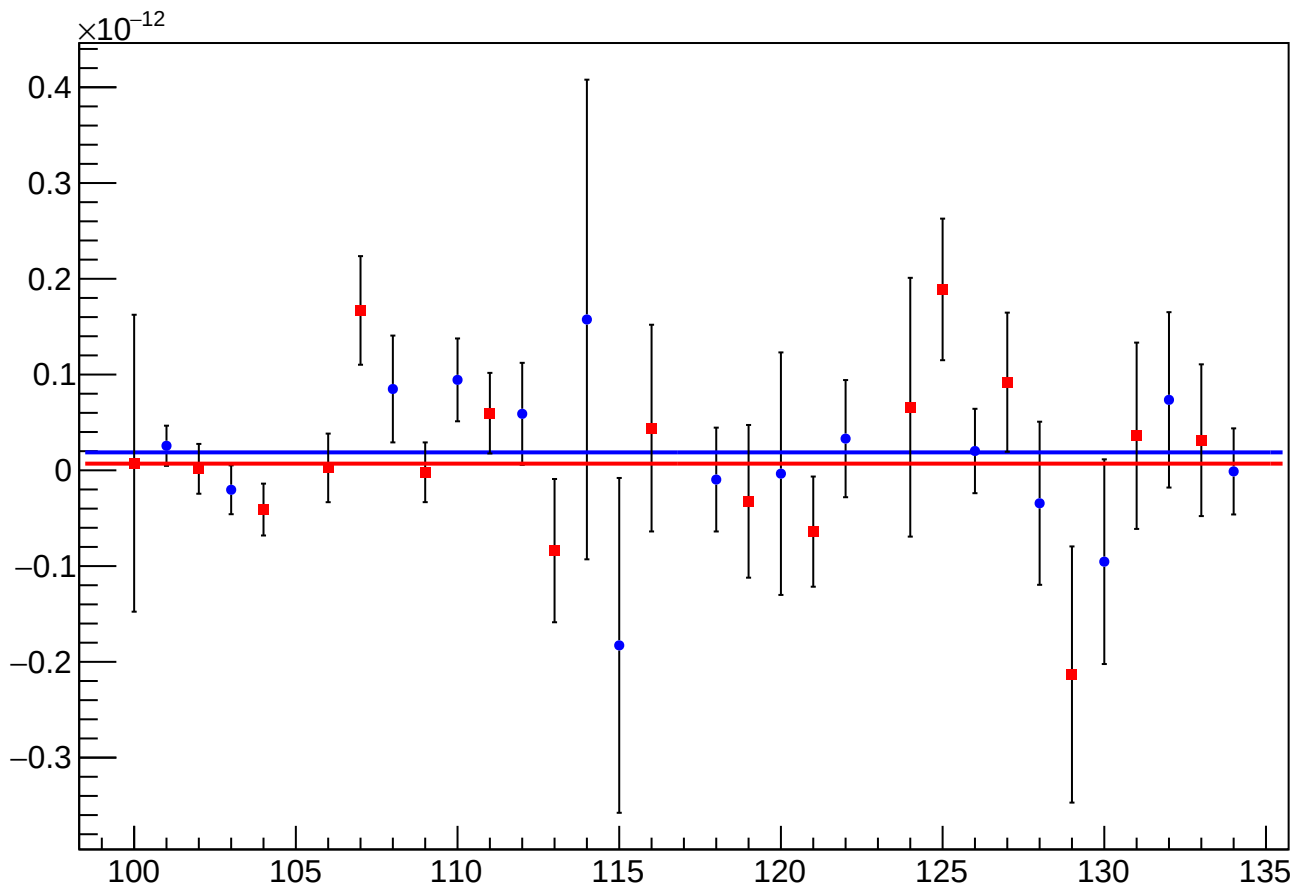
Right: 177.059+/-0.041 χ^2/NDF : 7418366.1/31

In: 193.535+/-0.064 χ^2/NDF :3382262.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.059+/-0.041 χ^2/NDF : 7418366.1/31

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 26.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

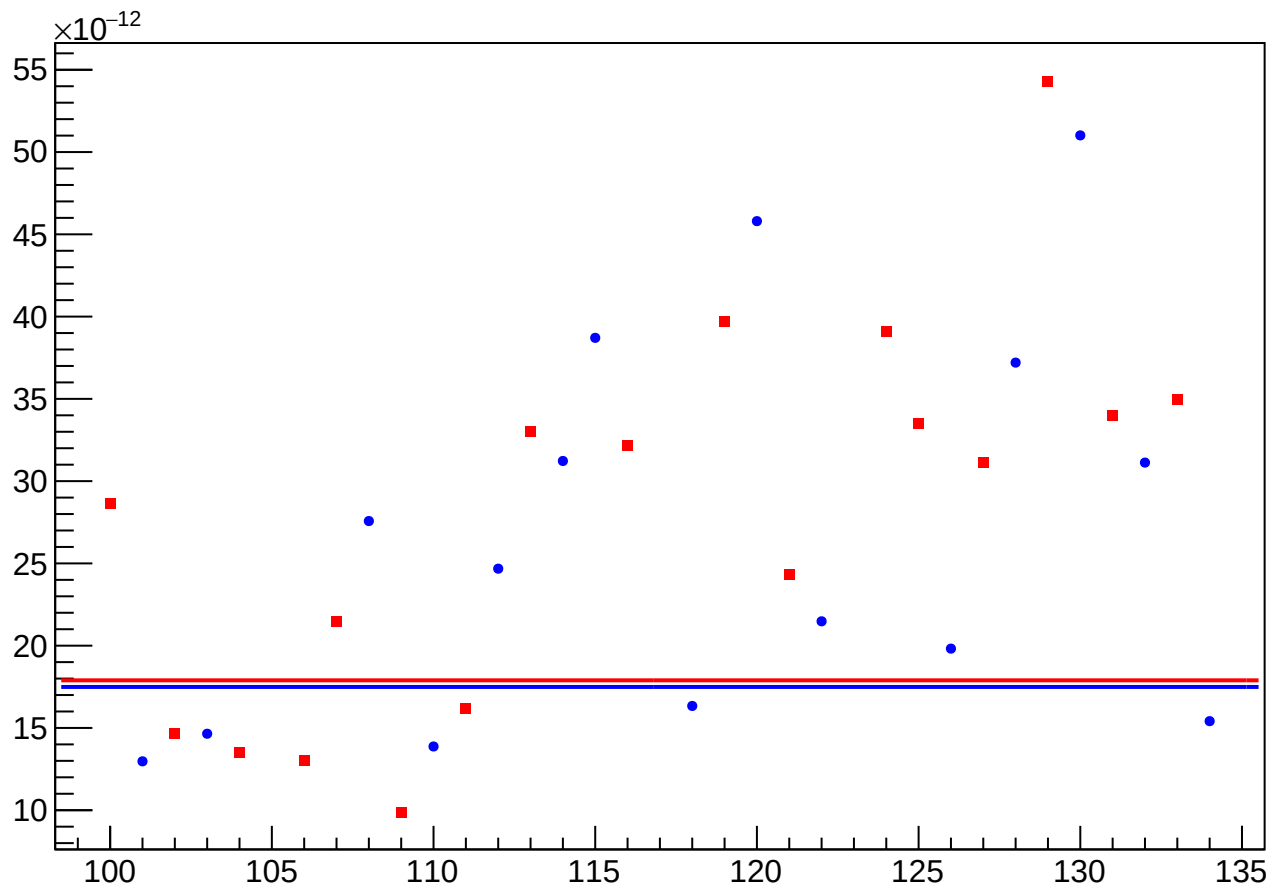
Right: 0.000+/-0.000 χ^2/NDF : 38.8/31

In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.8/31

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 736491.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1067664.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

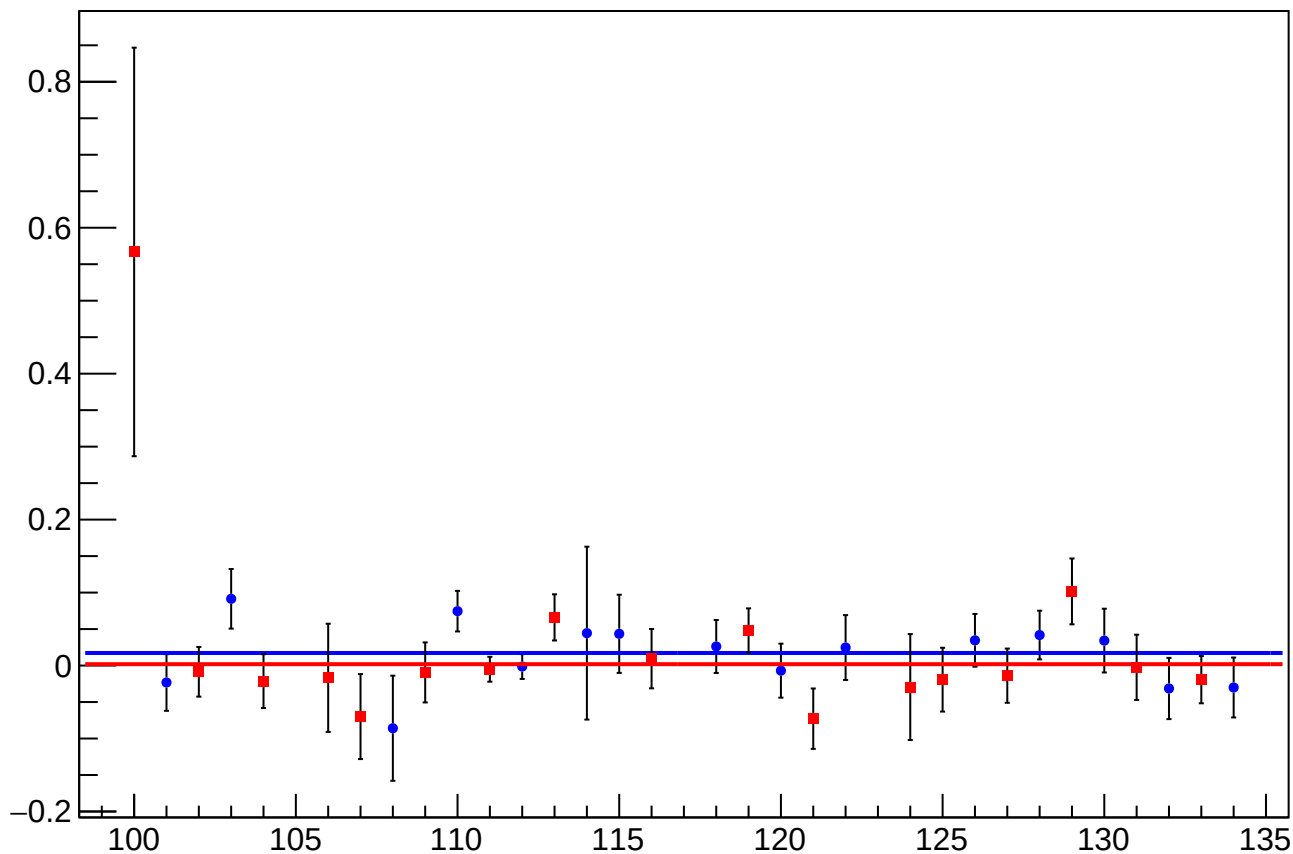
Right: 0.000+/-0.000 χ^2/NDF : 1805295.1/31

In: 0.000+/-0.000 χ^2/NDF : 736491.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1805295.1/31

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.009 χ^2 /NDF: 16.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.009 χ^2 /NDF: 22.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

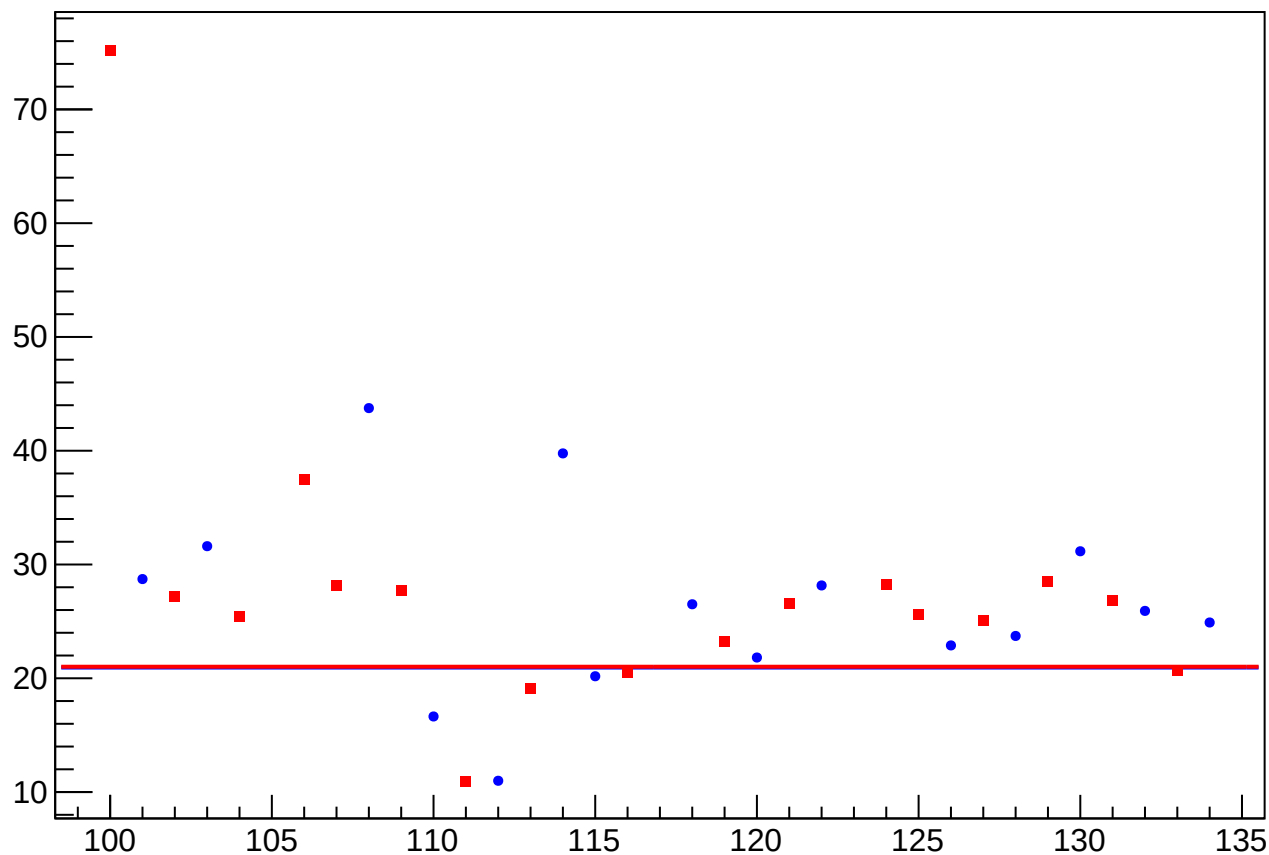
Right: 0.009 $\pm$ 0.006 χ^2 /NDF: 39.8/31

In: 0.017 $\pm$ 0.009 χ^2 /NDF:16.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 39.8/31

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.945+/-0.006 χ^2/NDF : 1478847.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.015+/-0.006 χ^2/NDF : 1263344.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

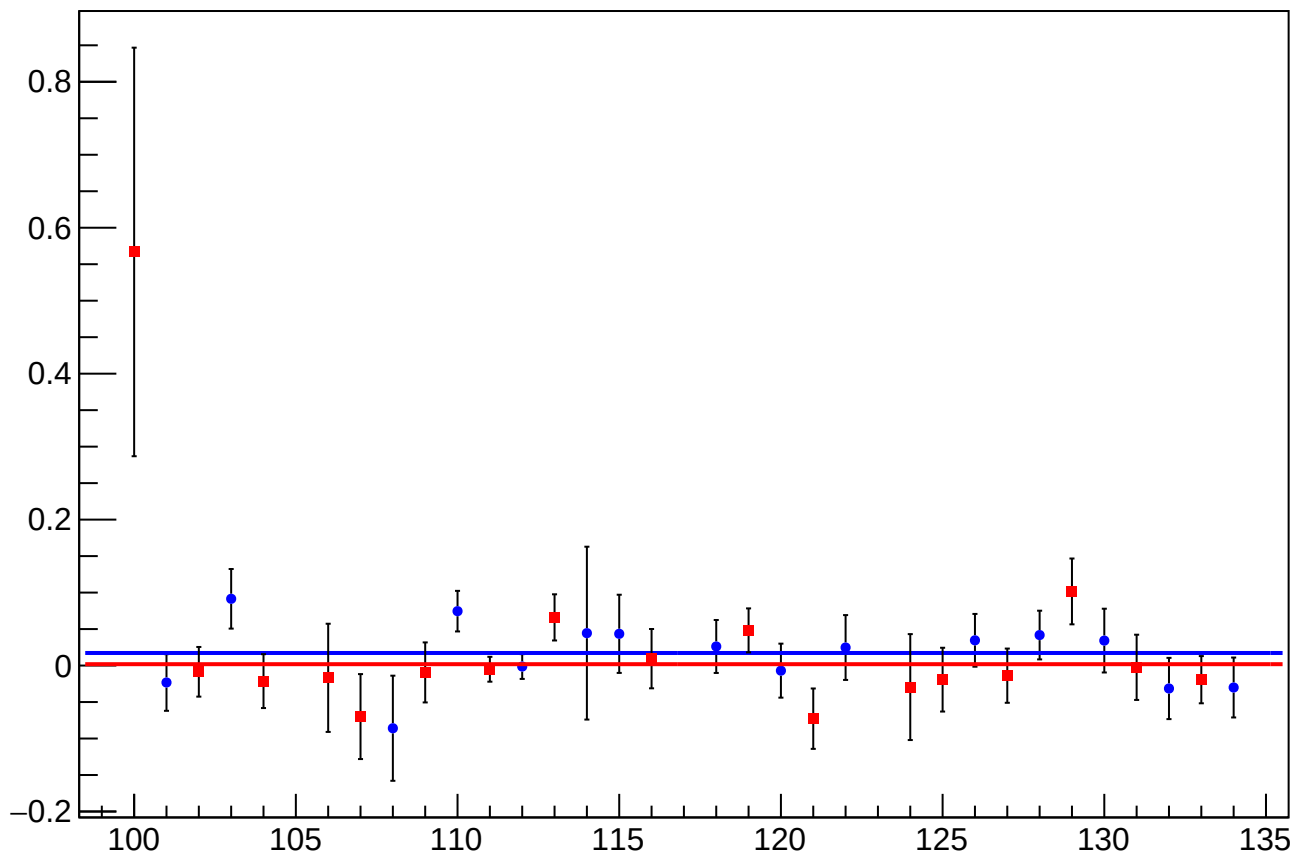
Right: 20.981+/-0.004 χ^2/NDF : 2742253.2/31

In: 20.945+/-0.006 χ^2/NDF : 1478847.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.981+/-0.004 χ^2/NDF : 2742253.2/31

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.009 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.009 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

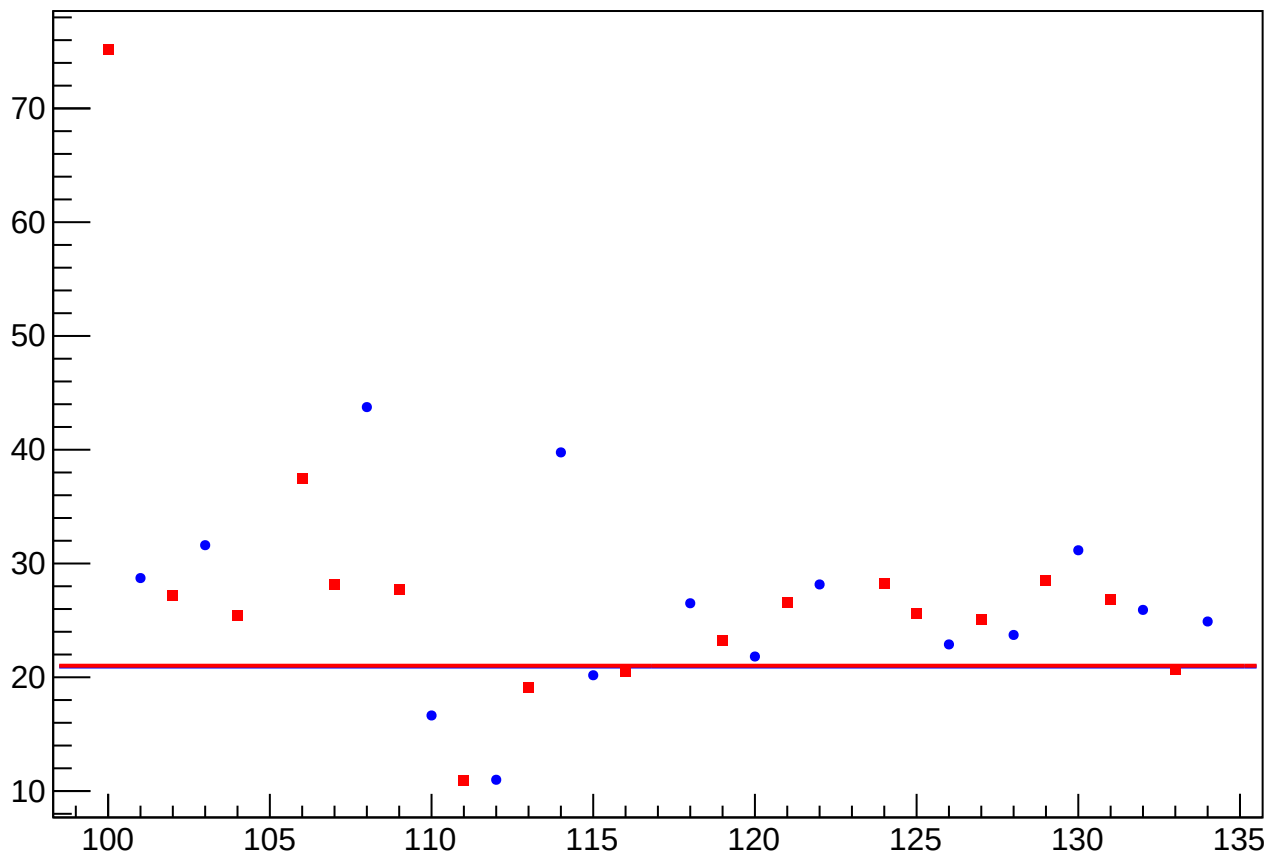
Right: 0.009+/-0.006 χ^2/NDF : 39.8/31

In: 0.017+/-0.009 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.006 χ^2/NDF : 39.8/31

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.945+/-0.006 χ^2/NDF : 1478847.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.015+/-0.006 χ^2/NDF : 1263344.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

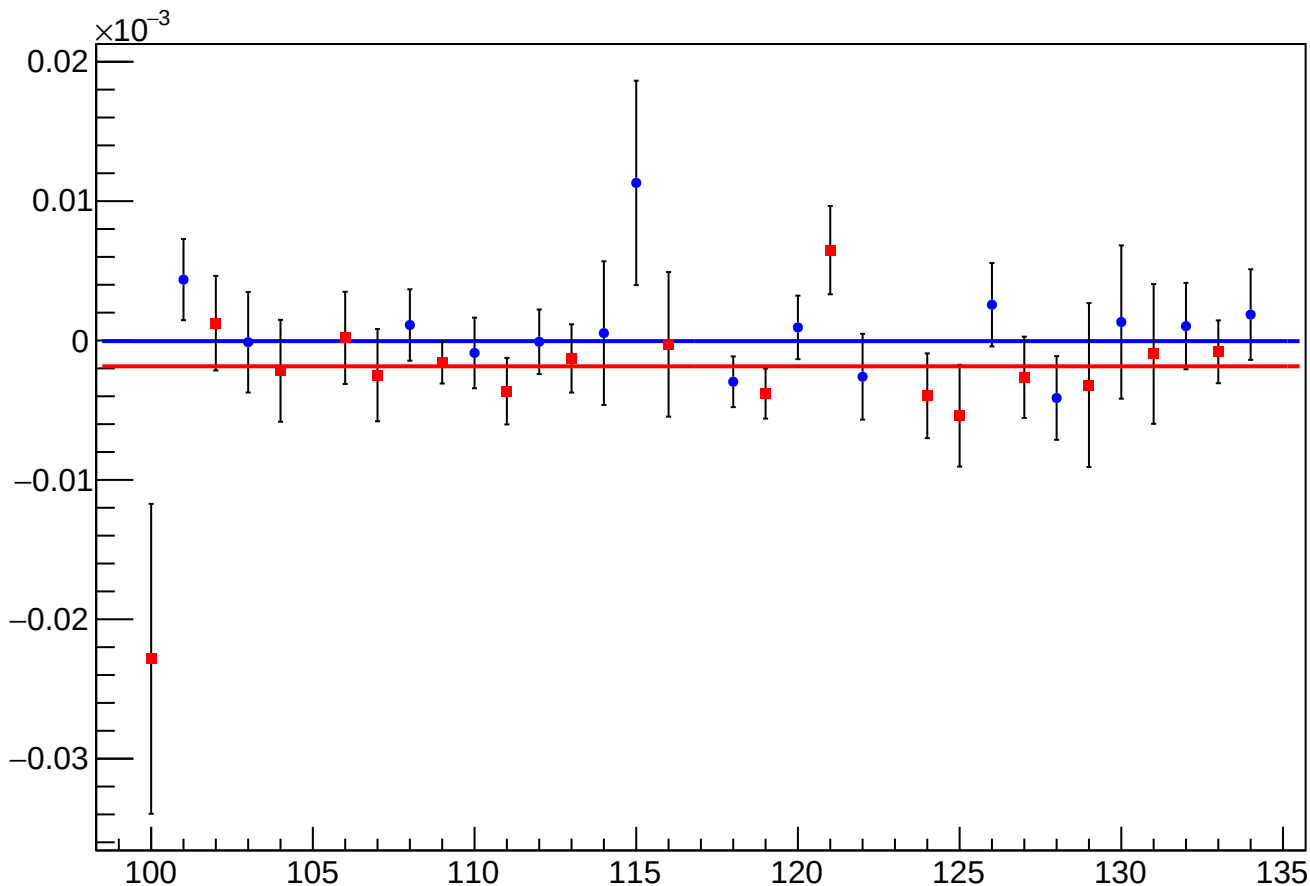
Right: 20.981+/-0.004 χ^2/NDF : 2742253.2/31

In: 20.945+/-0.006 χ^2/NDF :1478847.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.981+/-0.004 χ^2/NDF : 2742253.2/31

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

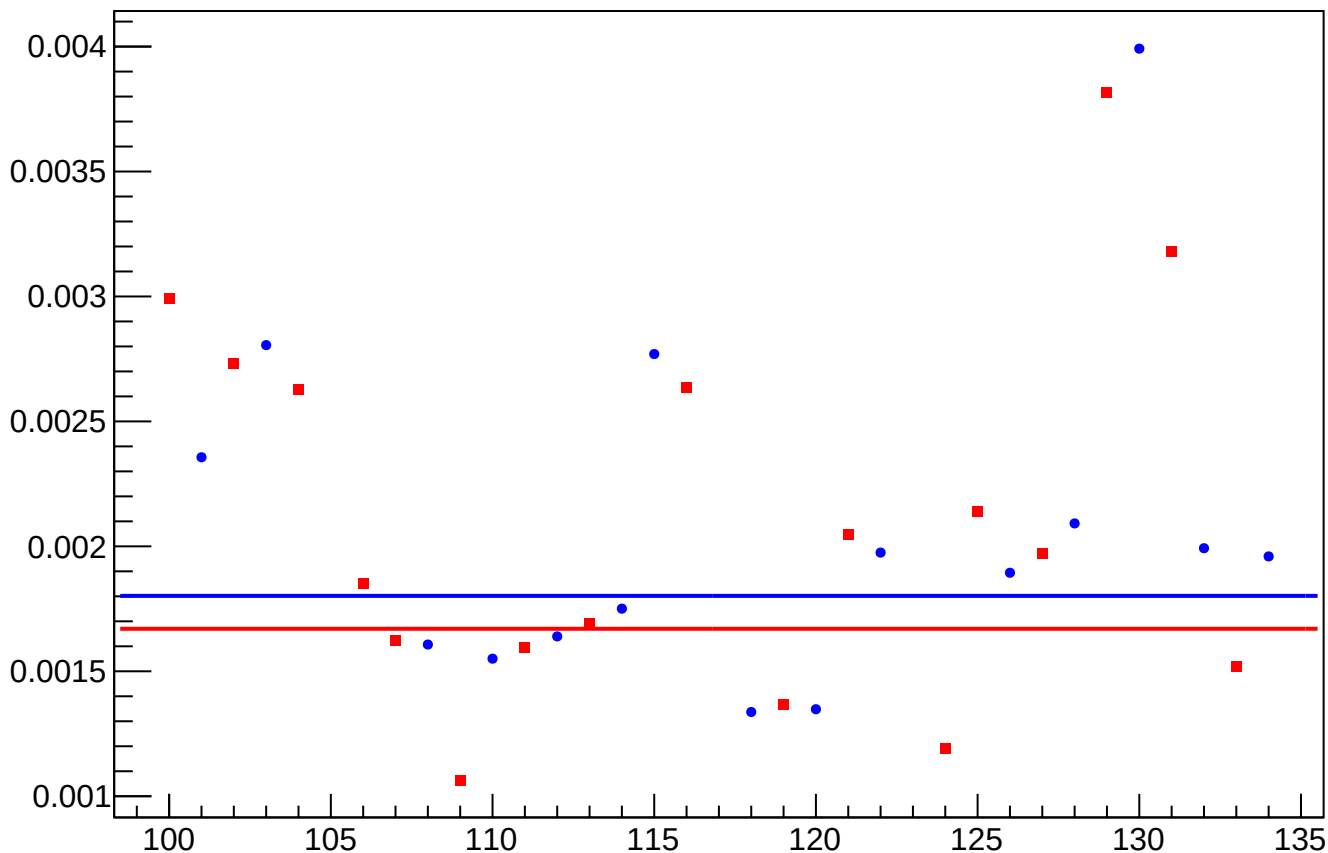
Right: -0.000+/-0.000 χ^2/NDF : 30.3/31

In: -0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/31

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 869596.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1410311.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

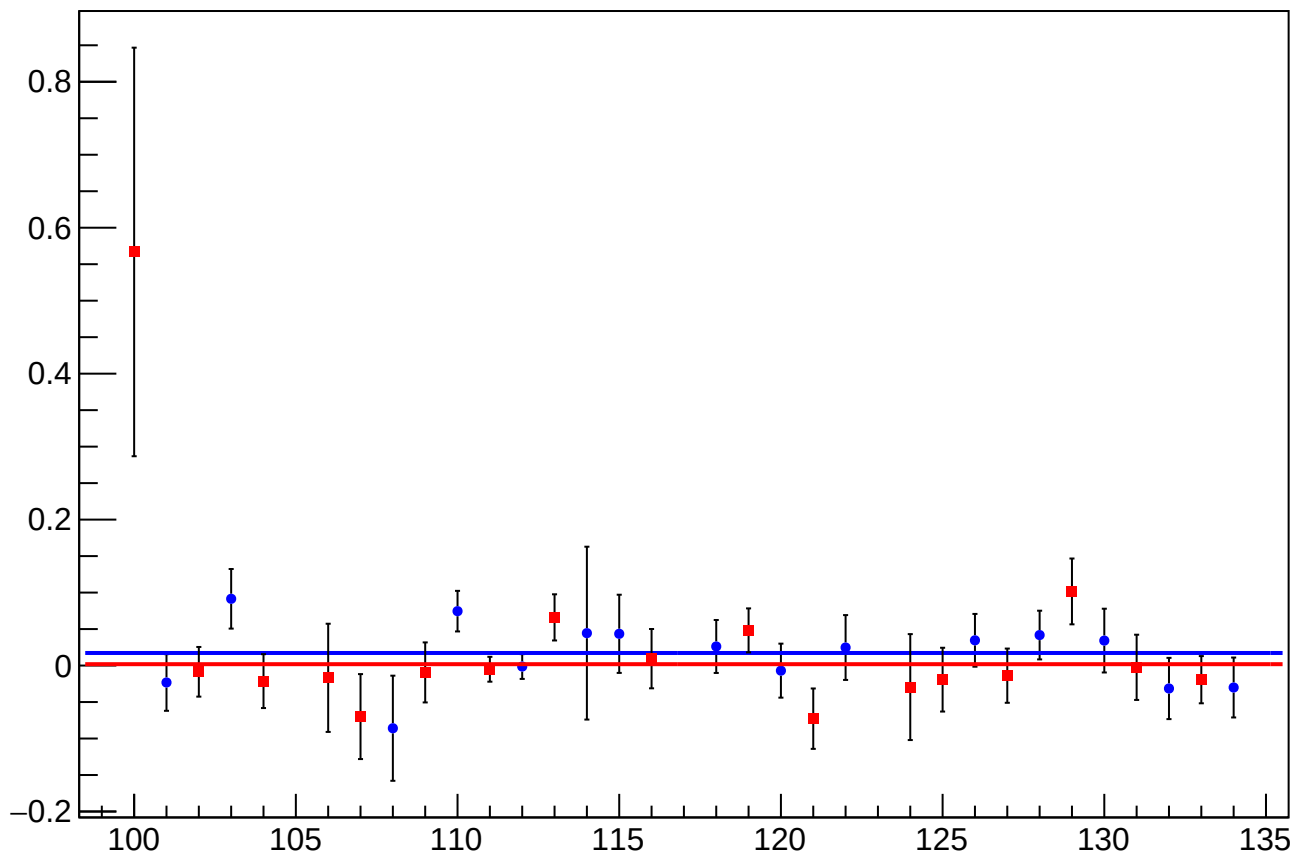
Right: 0.002+/-0.000 χ^2/NDF : 2313873.0/31

In: 0.002+/-0.000 χ^2/NDF :869596.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2313873.0/31

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.009 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.009 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

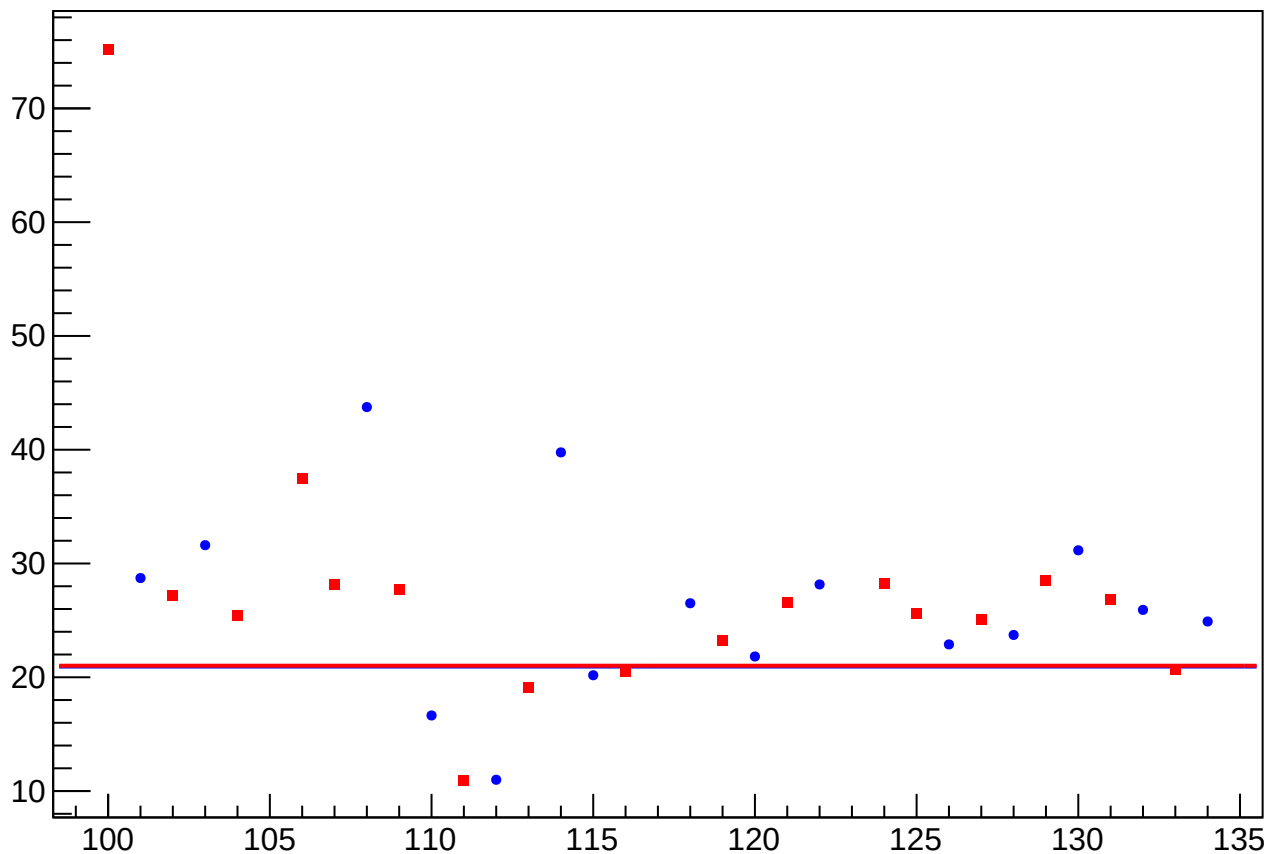
Right: 0.009+/-0.006 χ^2/NDF : 39.8/31

In: 0.017+/-0.009 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.006 χ^2/NDF : 39.8/31

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.944+/-0.006 χ^2/NDF : 1478974.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.014+/-0.006 χ^2/NDF : 1263451.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

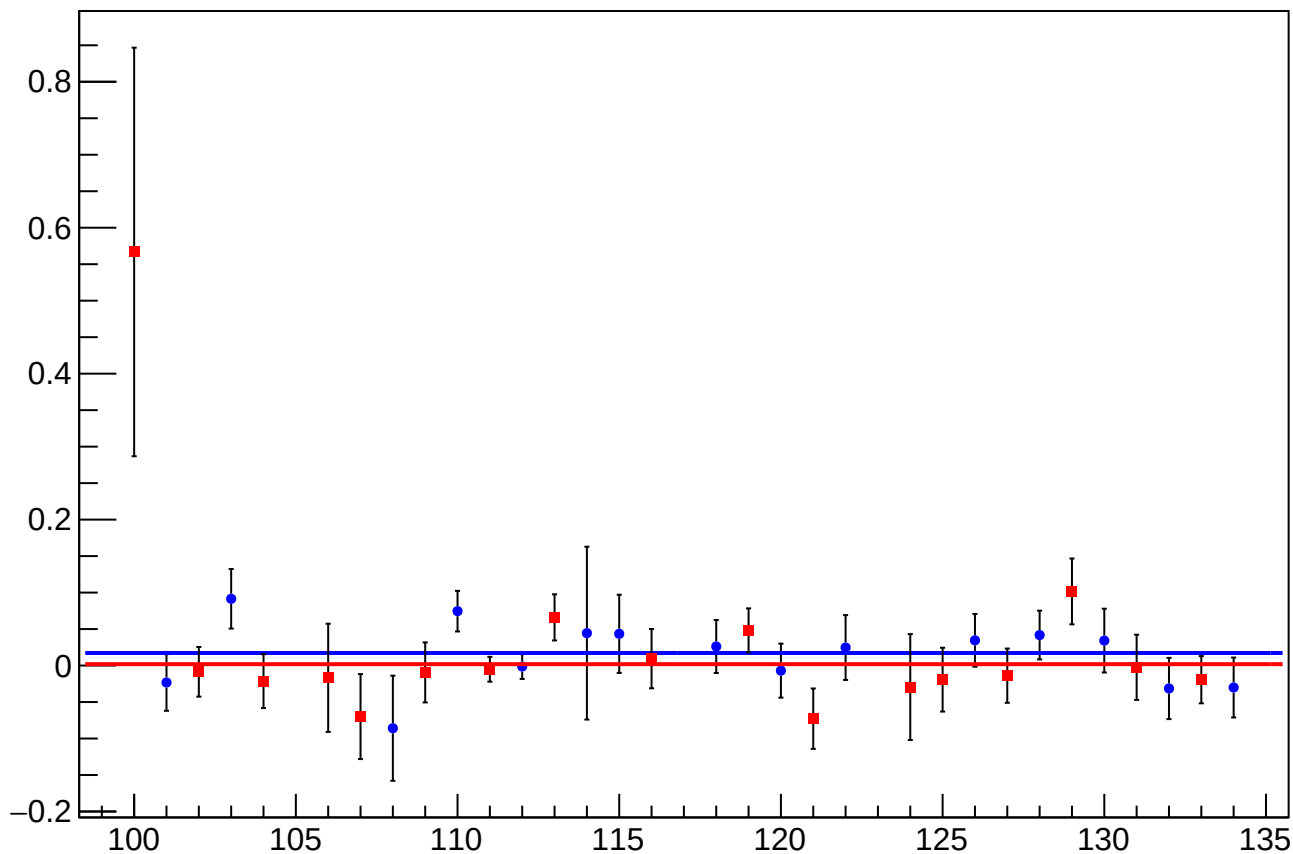
Right: 20.980+/-0.004 χ^2/NDF : 2742487.8/31

In: 20.944+/-0.006 χ^2/NDF : 1478974.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.980+/-0.004 χ^2/NDF : 2742487.8/31

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.009 χ^2 /NDF: 16.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.009 χ^2 /NDF: 22.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

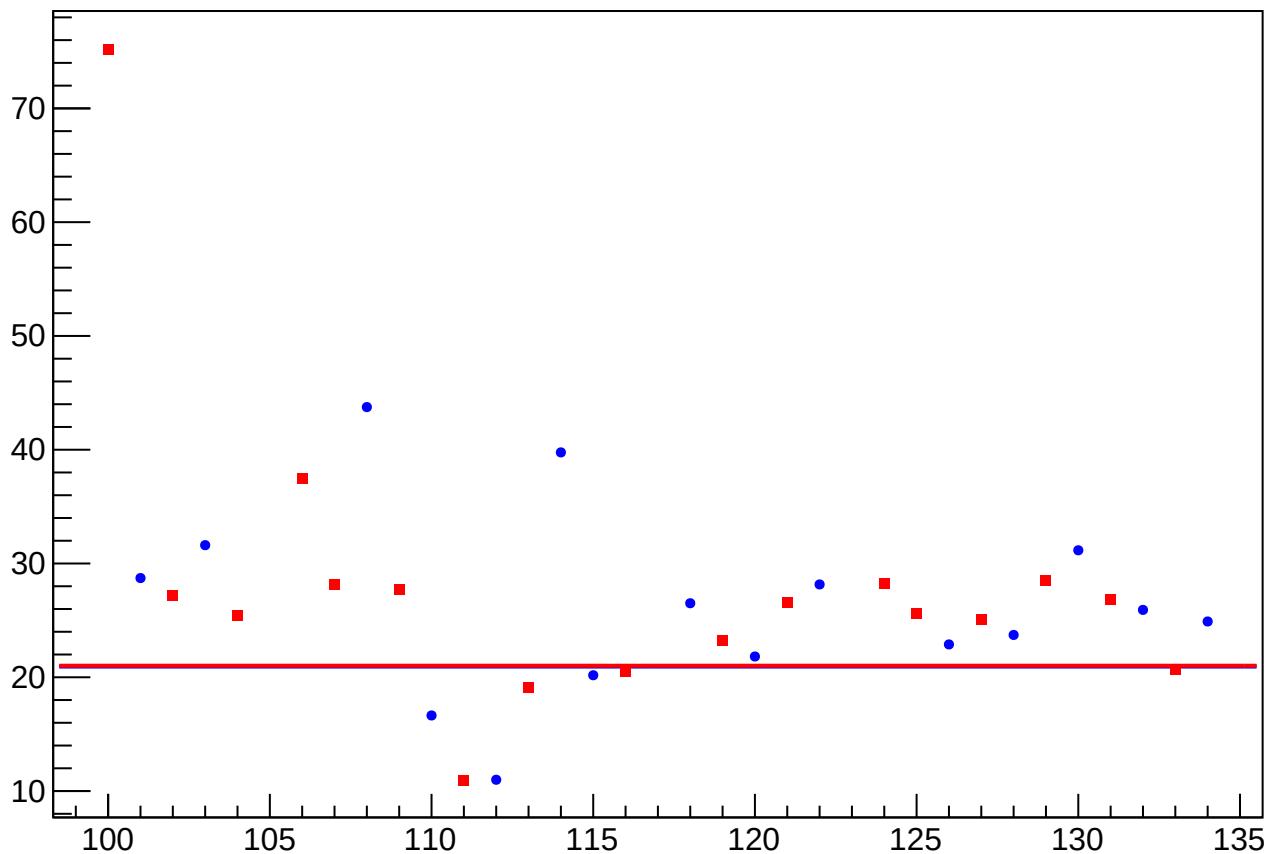
Right: 0.009 $\pm$ 0.006 χ^2 /NDF: 39.8/31

In: 0.017 $\pm$ 0.009 χ^2 /NDF:16.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 39.8/31

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.944+/-0.006 χ^2/NDF : 1478974.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.014+/-0.006 χ^2/NDF : 1263451.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

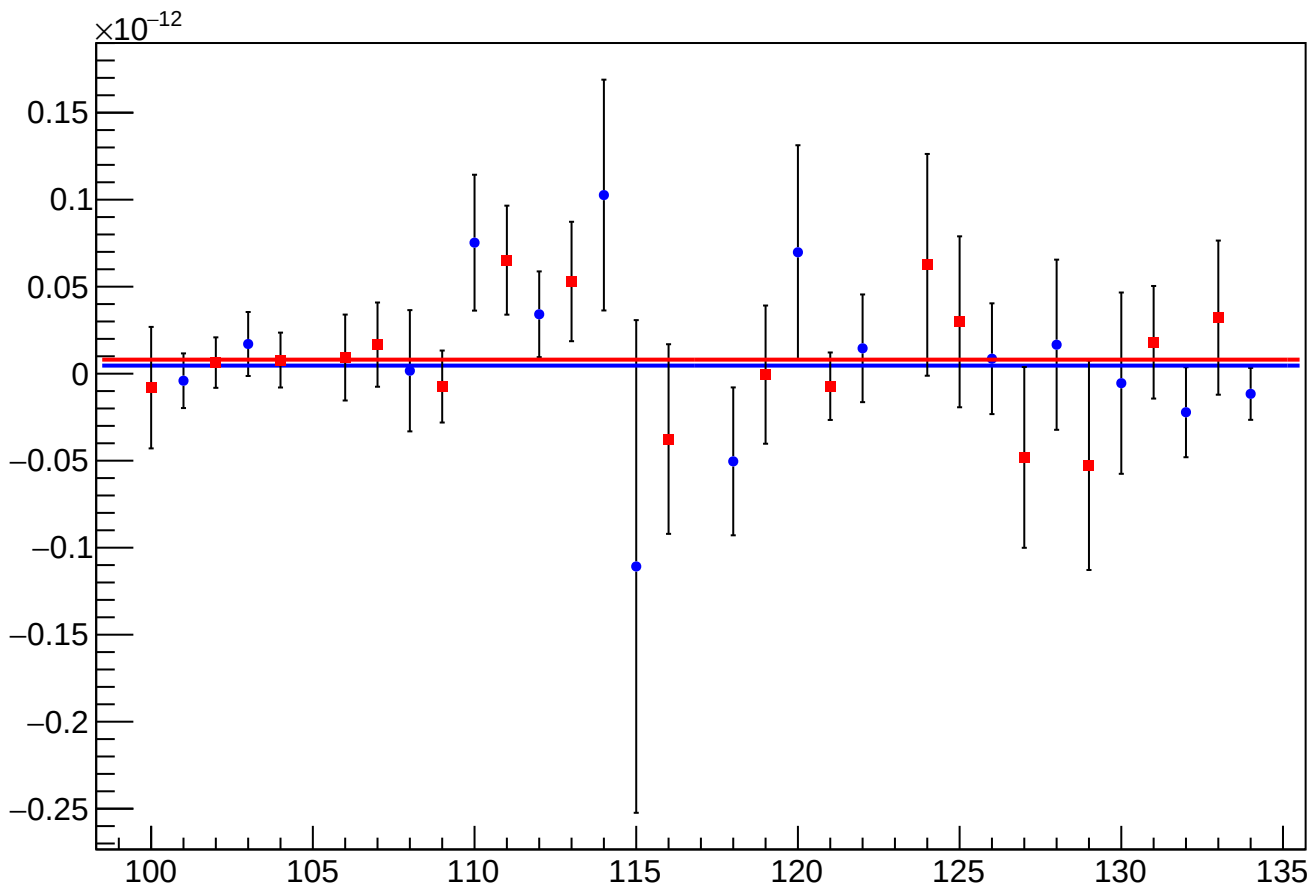
Right: 20.980+/-0.004 χ^2/NDF : 2742487.8/31

In: 20.944+/-0.006 χ^2/NDF :1478974.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.980+/-0.004 χ^2/NDF : 2742487.8/31

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

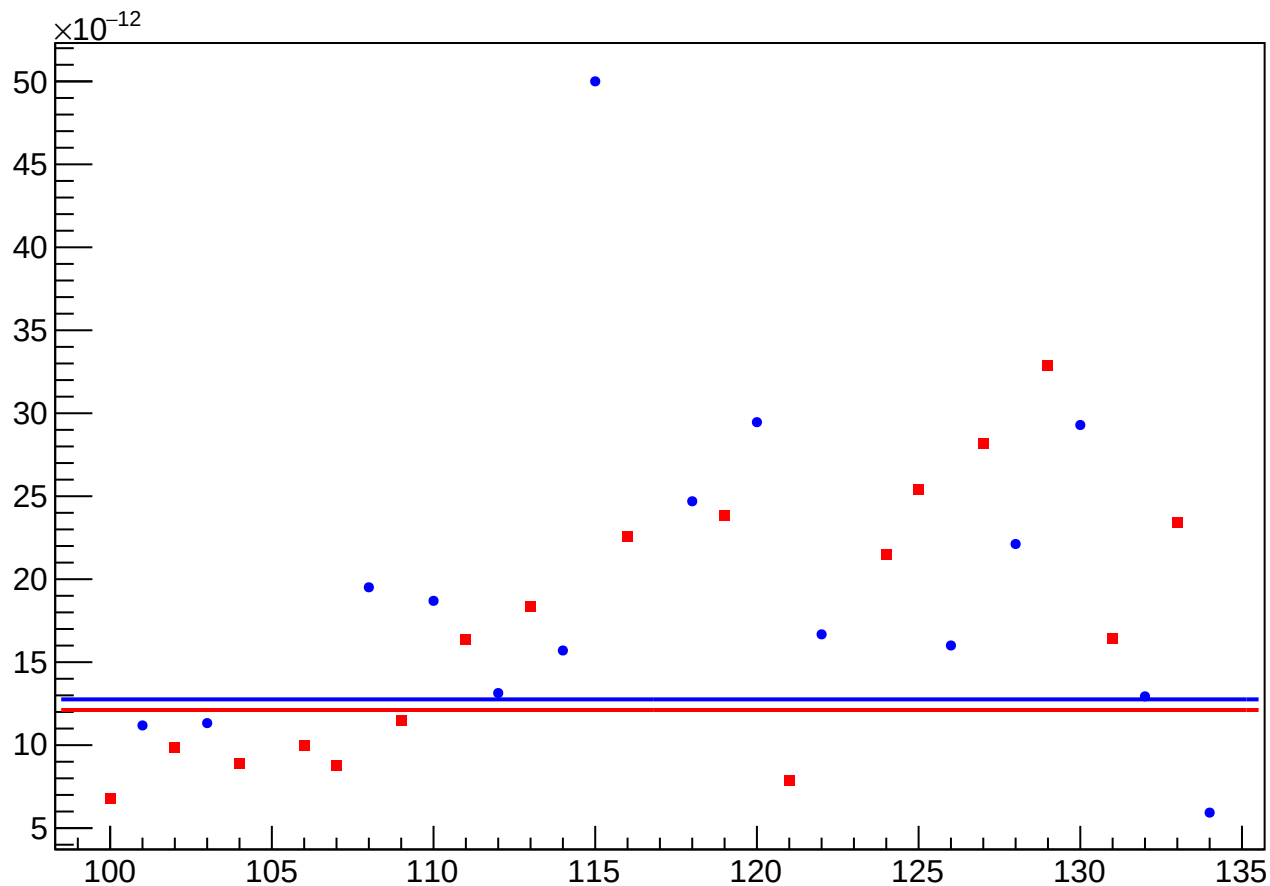
Right: 0.000+/-0.000 χ^2/NDF : 24.6/31

In: 0.000+/-0.000 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.6/31

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1347223.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1462175.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

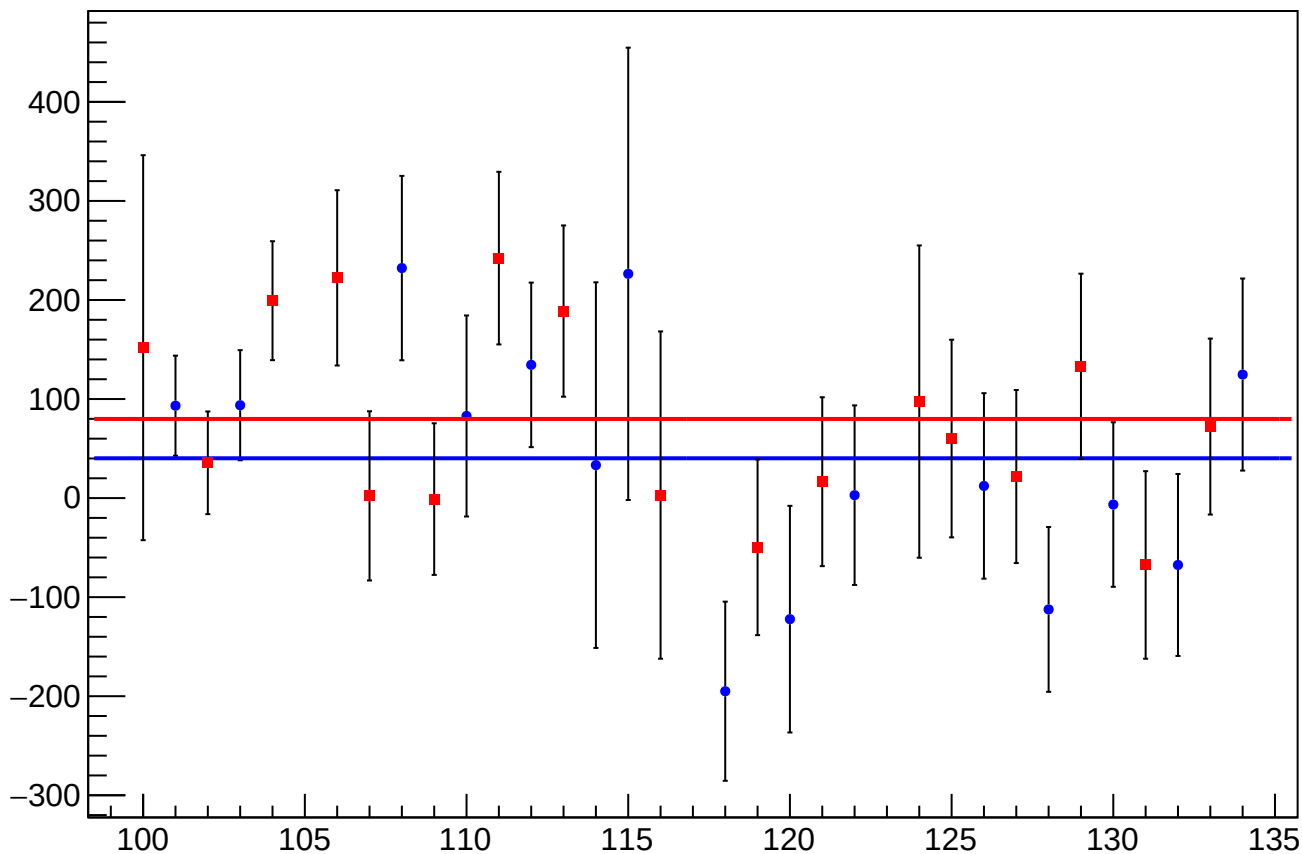
Right: 0.000+/-0.000 χ^2/NDF : 2818295.6/31

In: 0.000+/-0.000 χ^2/NDF : 1347223.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2818295.6/31

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.199+/-21.978 χ^2/NDF : 23.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.906+/-20.838 χ^2/NDF : 20.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

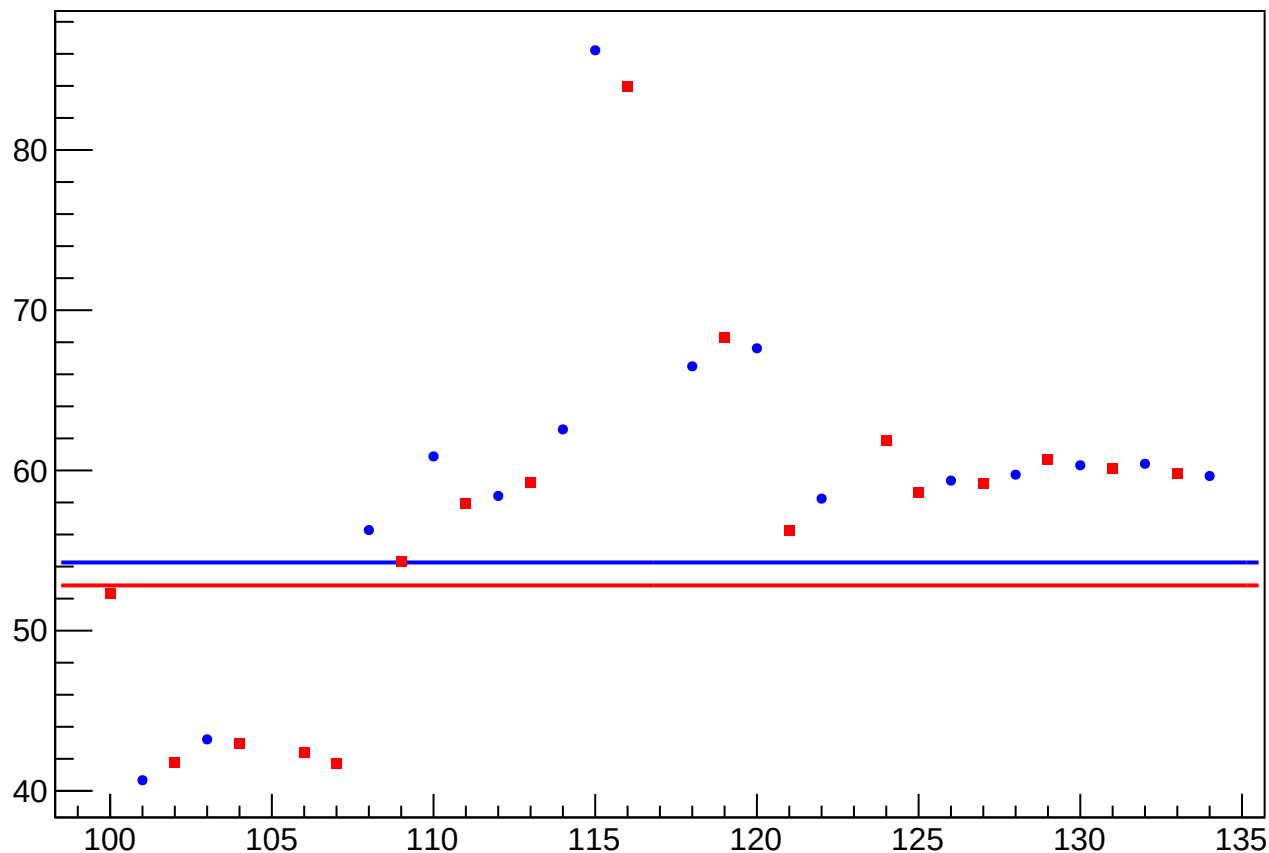
Right: 61.110+/-15.122 χ^2/NDF : 45.6/31

In: 40.199+/-21.978 χ^2/NDF : 23.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.110+/-15.122 χ^2/NDF : 45.6/31

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.255+/-0.016 χ^2/NDF : 389711.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.823+/-0.015 χ^2/NDF : 422622.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

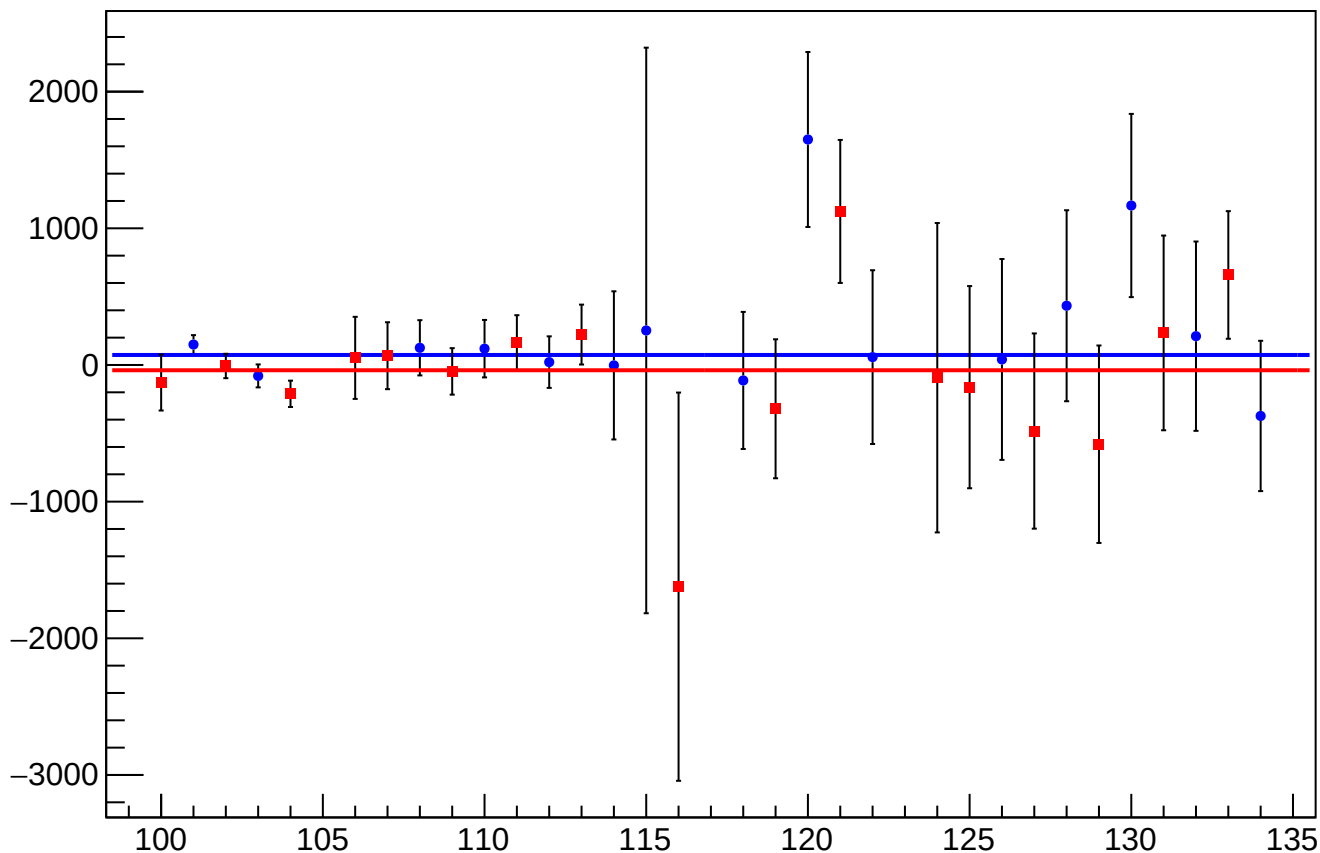
Right: 53.501+/-0.011 χ^2/NDF : 816806.5/31

In: 54.255+/-0.016 χ^2/NDF : 389711.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.501+/-0.011 χ^2/NDF : 816806.5/31

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 73.268+/-47.016 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.645+/-50.887 χ^2/NDF : 16.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

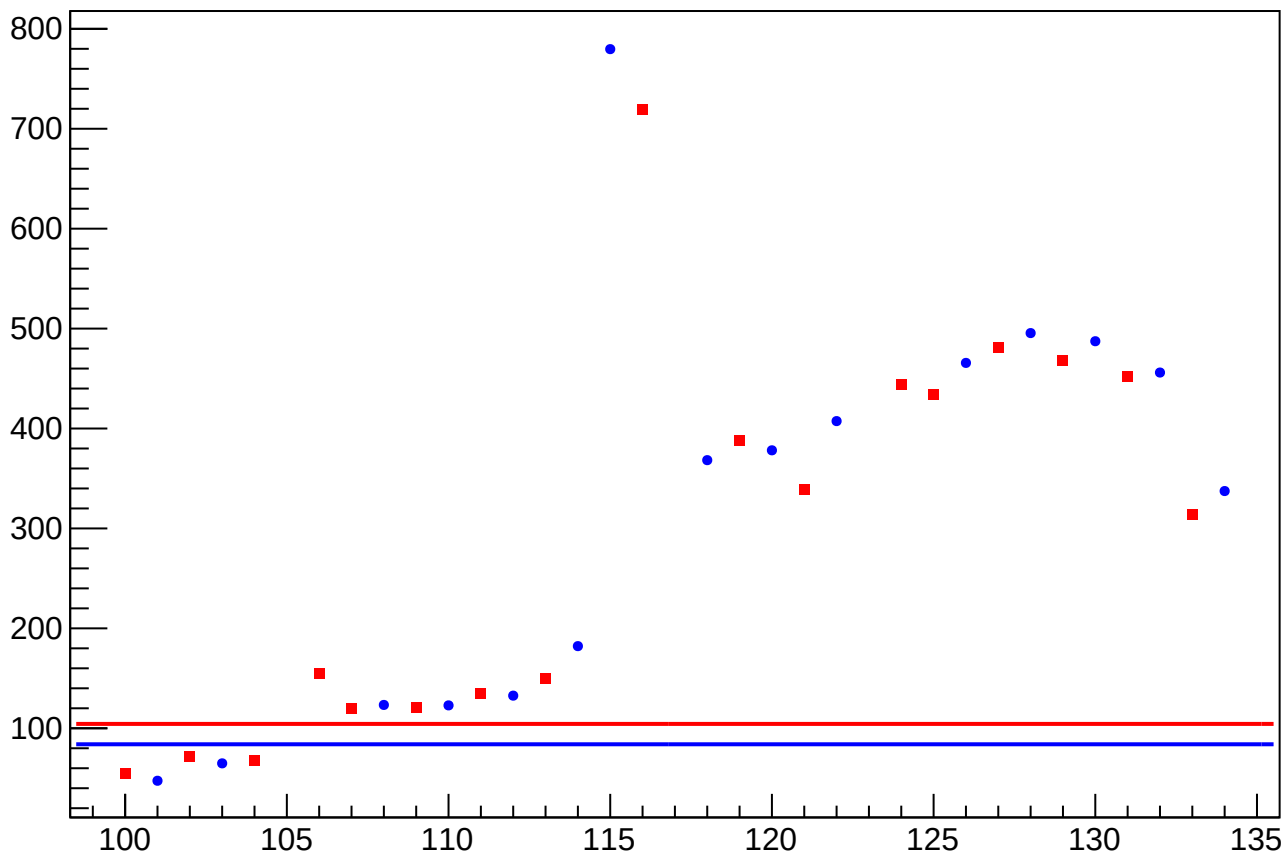
Right: 21.730+/-34.533 χ^2/NDF : 33.3/31

In: 73.268+/-47.016 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.730+/-34.533 χ^2/NDF : 33.3/31

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 83.982+/-0.033 χ^2/NDF : 5777735.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.362+/-0.036 χ^2/NDF : 4822569.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

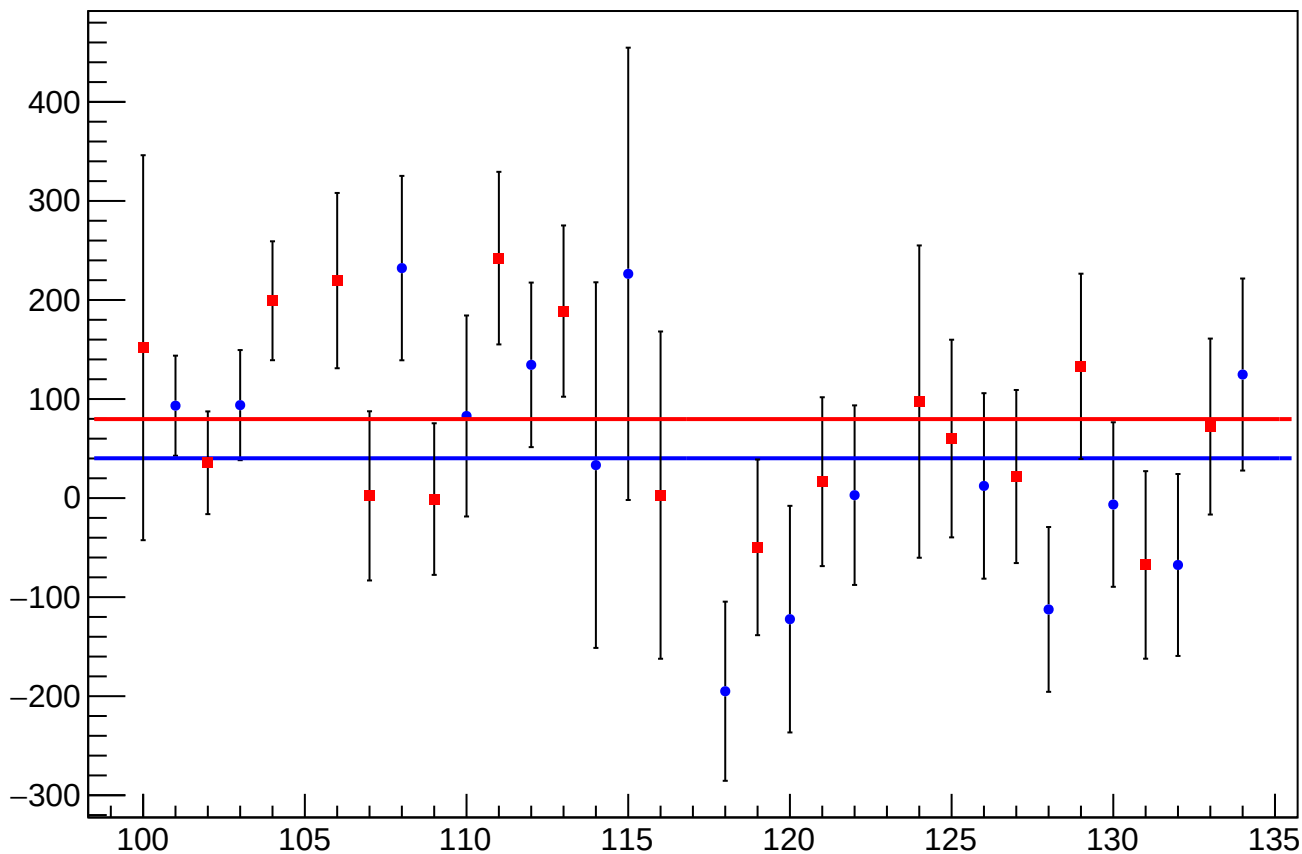
Right: 93.368+/-0.024 χ^2/NDF : 10773370.5/31

In: 83.982+/-0.033 χ^2/NDF : 5777735.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.368+/-0.024 χ^2/NDF : 10773370.5/31

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.212 $\pm$ 21.978 χ^2 /NDF: 23.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.756 $\pm$ 20.839 χ^2 /NDF: 20.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

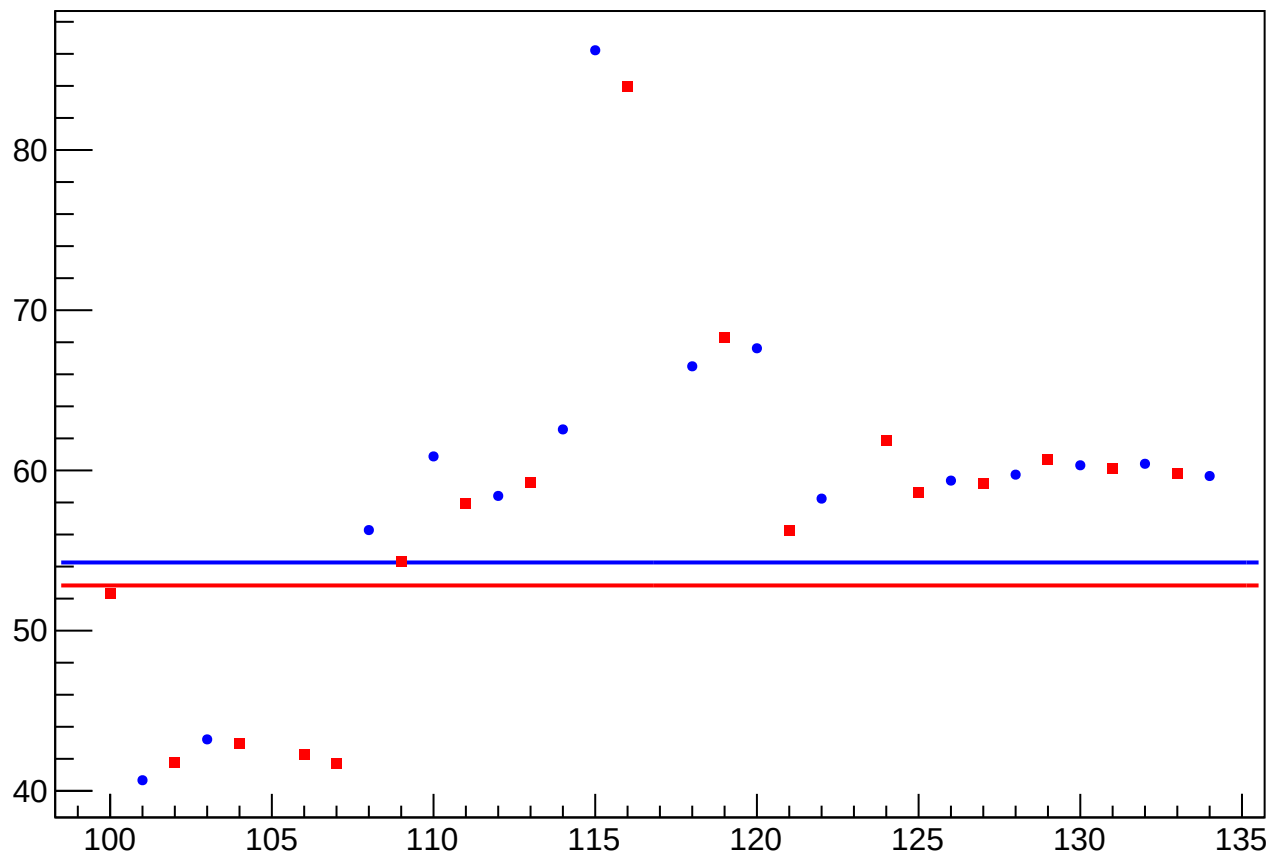
Right: 61.035 $\pm$ 15.122 χ^2 /NDF: 45.4/31

In: 40.212 $\pm$ 21.978 χ^2 /NDF:23.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.035 $\pm$ 15.122 χ^2 /NDF: 45.4/31

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.255 ± 0.016 $\chi^2/\text{NDF}: 389710.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.821 ± 0.015 $\chi^2/\text{NDF}: 422928.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

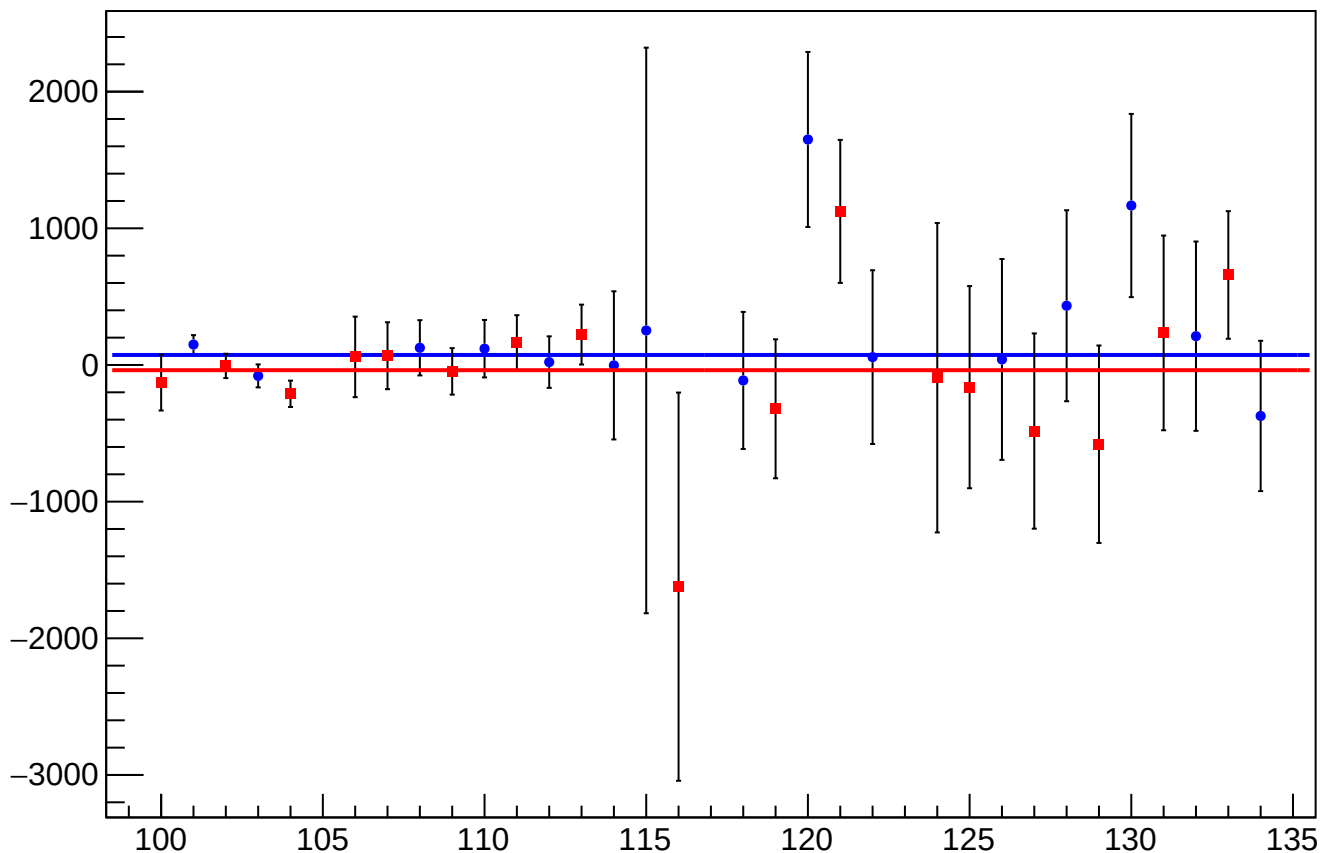
Right: 53.500 ± 0.011 $\chi^2/\text{NDF}: 817127.3/31$

In: 54.255 ± 0.016 $\chi^2/\text{NDF}: 389710.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 53.500 ± 0.011 $\chi^2/\text{NDF}: 817127.3/31$

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 73.272+/-47.015 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.172+/-50.843 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

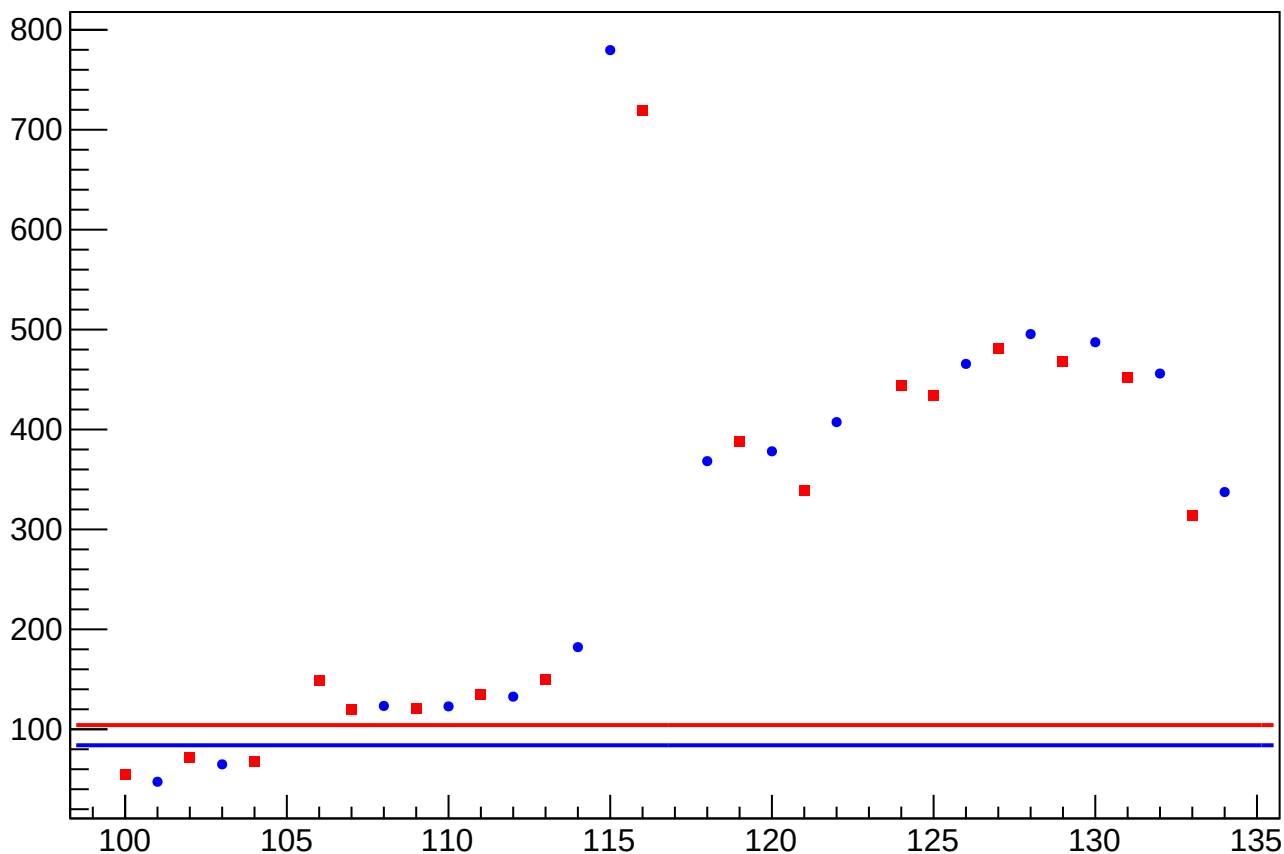
Right: 21.903+/-34.519 χ^2/NDF : 33.3/31

In: 73.272+/-47.015 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.903+/-34.519 χ^2/NDF : 33.3/31

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 83.980+/-0.033 χ^2/NDF : 5777794.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.187+/-0.036 χ^2/NDF : 4813477.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

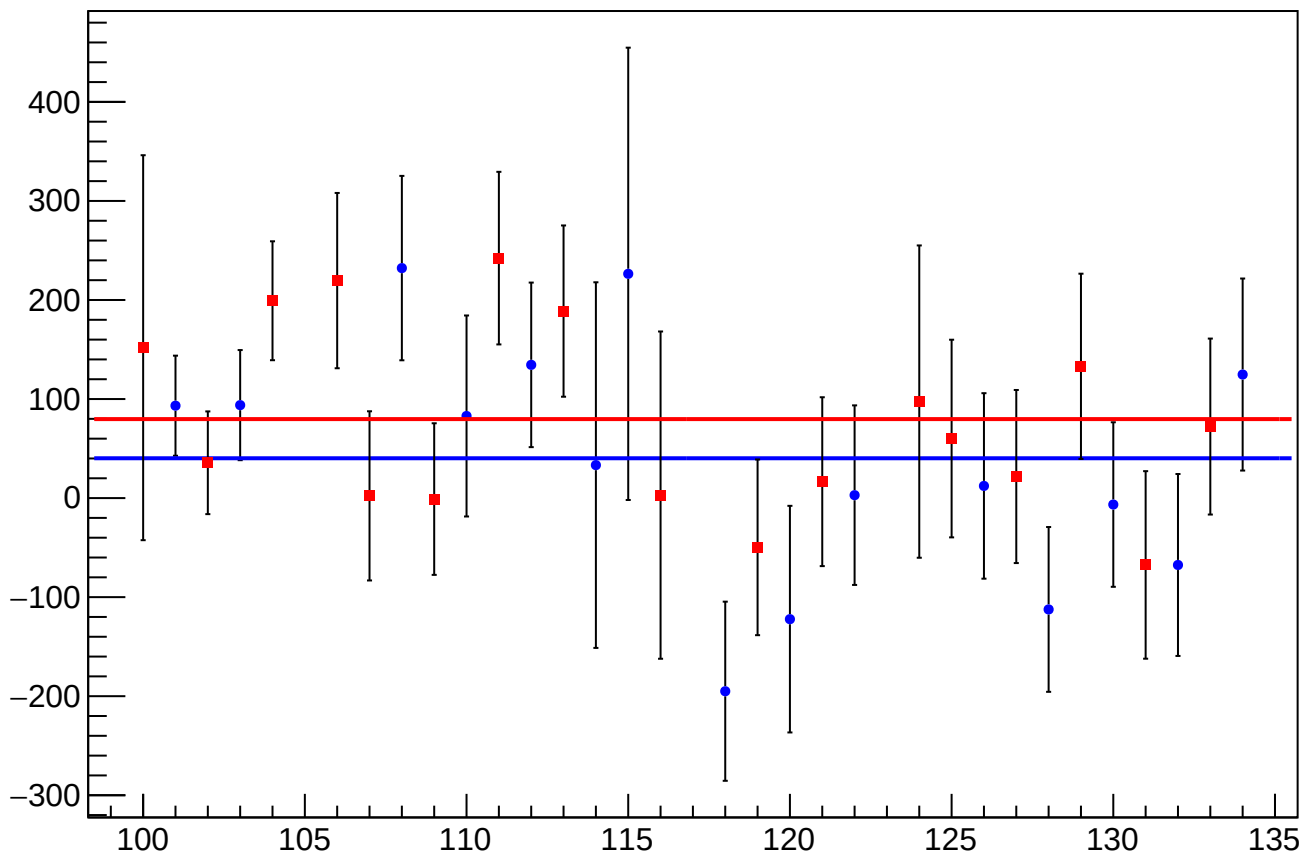
Right: 93.294+/-0.024 χ^2/NDF : 10761566.9/31

In: 83.980+/-0.033 χ^2/NDF : 5777794.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.294+/-0.024 χ^2/NDF : 10761566.9/31

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.212+/-21.978 χ^2/NDF : 23.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.756+/-20.839 χ^2/NDF : 20.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

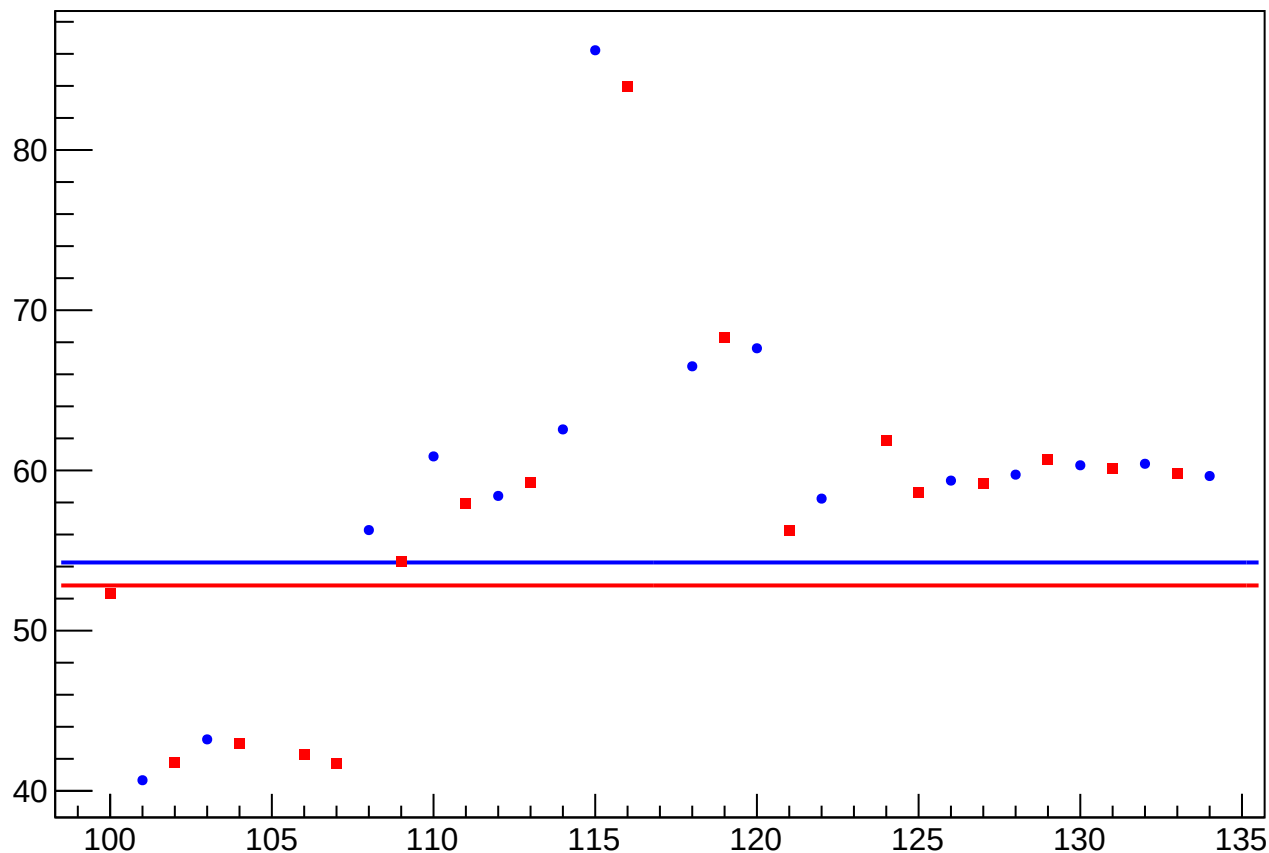
Right: 61.035+/-15.122 χ^2/NDF : 45.4/31

In: 40.212+/-21.978 χ^2/NDF : 23.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.035+/-15.122 χ^2/NDF : 45.4/31

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 54.255+/-0.016 χ^2/NDF : 389710.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.821+/-0.015 χ^2/NDF : 422928.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

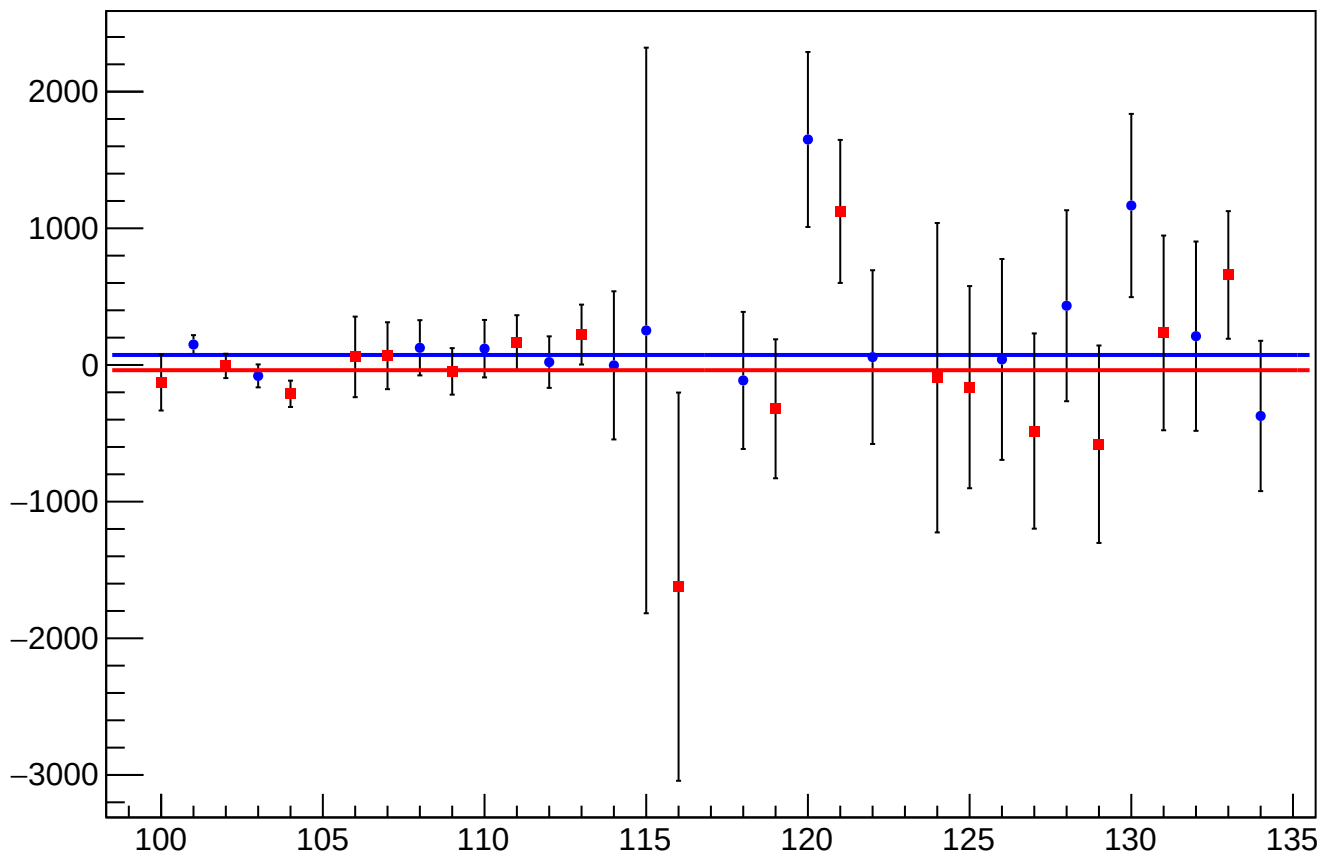
Right: 53.500+/-0.011 χ^2/NDF : 817127.3/31

In: 54.255+/-0.016 χ^2/NDF : 389710.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.500+/-0.011 χ^2/NDF : 817127.3/31

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 73.272+/-47.015 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.172+/-50.843 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

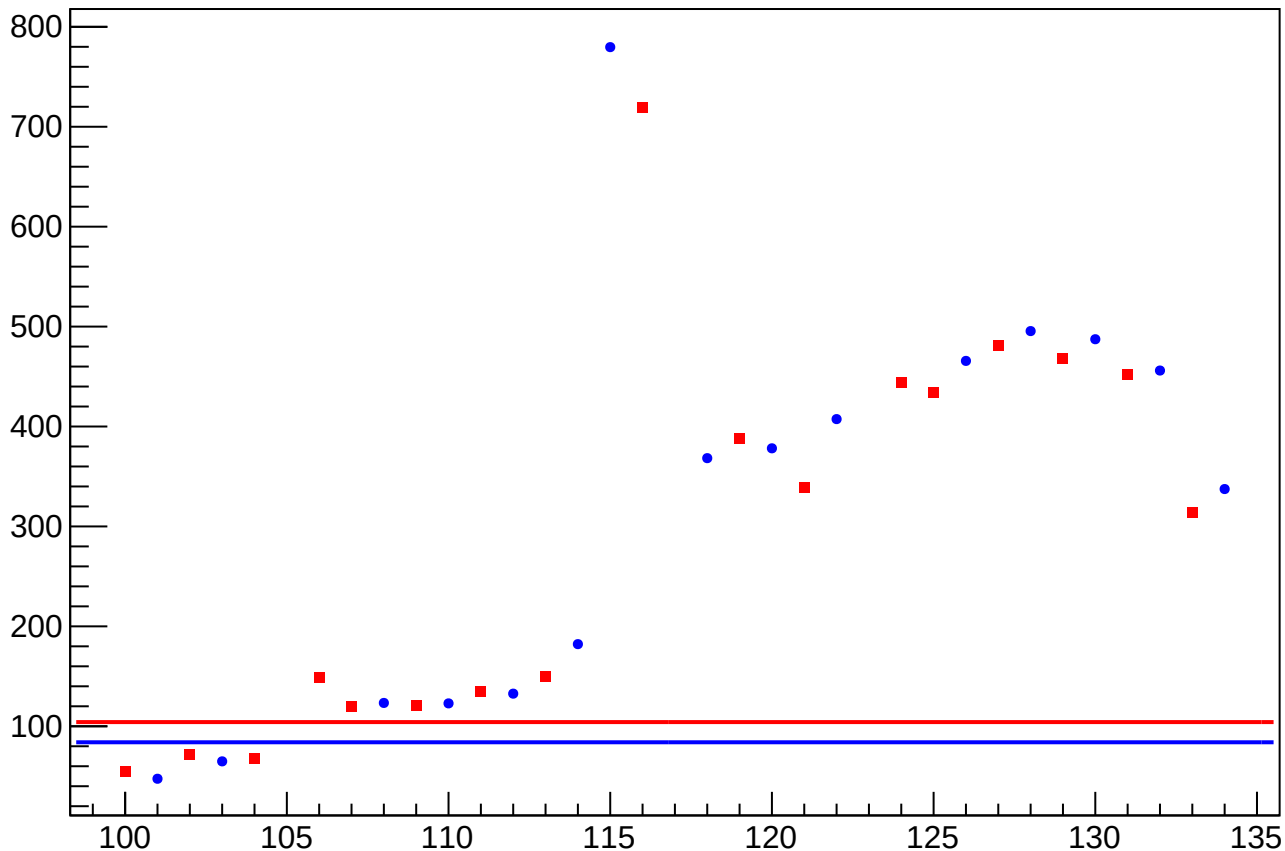
Right: 21.903+/-34.519 χ^2/NDF : 33.3/31

In: 73.272+/-47.015 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.903+/-34.519 χ^2/NDF : 33.3/31

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 83.980+/-0.033 χ^2/NDF : 5777794.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.187+/-0.036 χ^2/NDF : 4813477.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

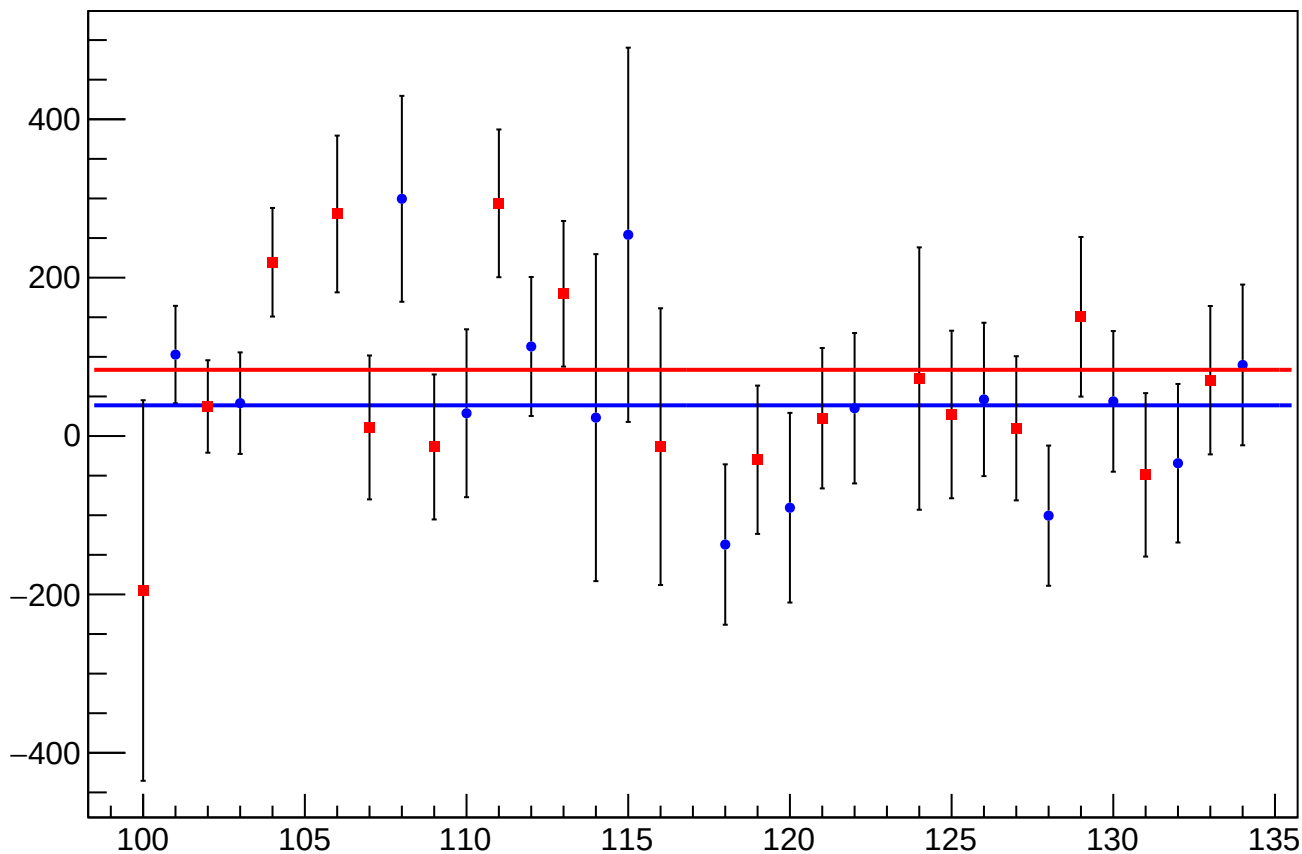
Right: 93.294+/-0.024 χ^2/NDF : 10761566.9/31

In: 83.980+/-0.033 χ^2/NDF : 5777794.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.294+/-0.024 χ^2/NDF : 10761566.9/31

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 38.782 $\pm$ 24.524 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.628 $\pm$ 22.787 χ^2 /NDF: 23.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

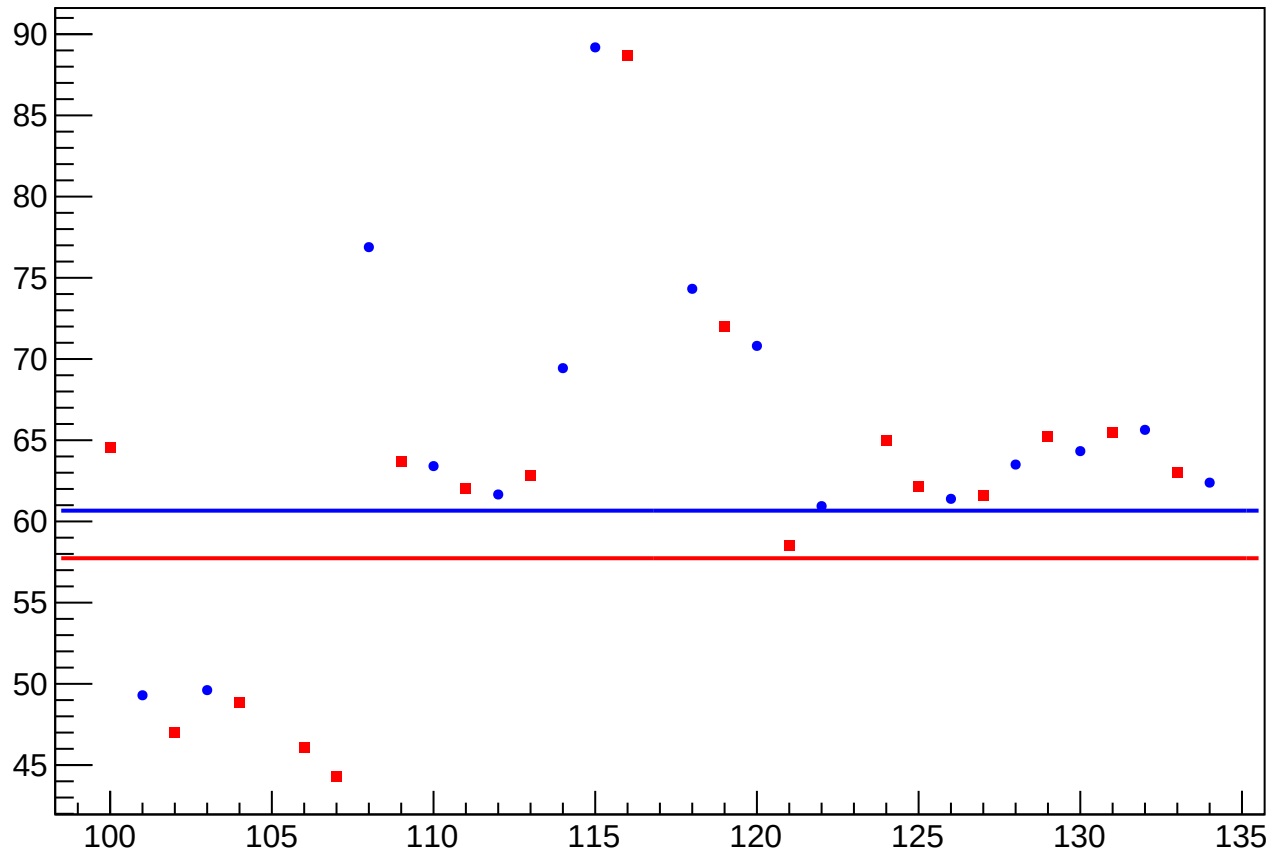
Right: 62.849 $\pm$ 16.693 χ^2 /NDF: 39.0/31

In: 38.782 $\pm$ 24.524 χ^2 /NDF:14.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.849 $\pm$ 16.693 χ^2 /NDF: 39.0/31

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.664+/-0.017 χ^2/NDF : 254963.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 57.734+/-0.016 χ^2/NDF : 342411.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

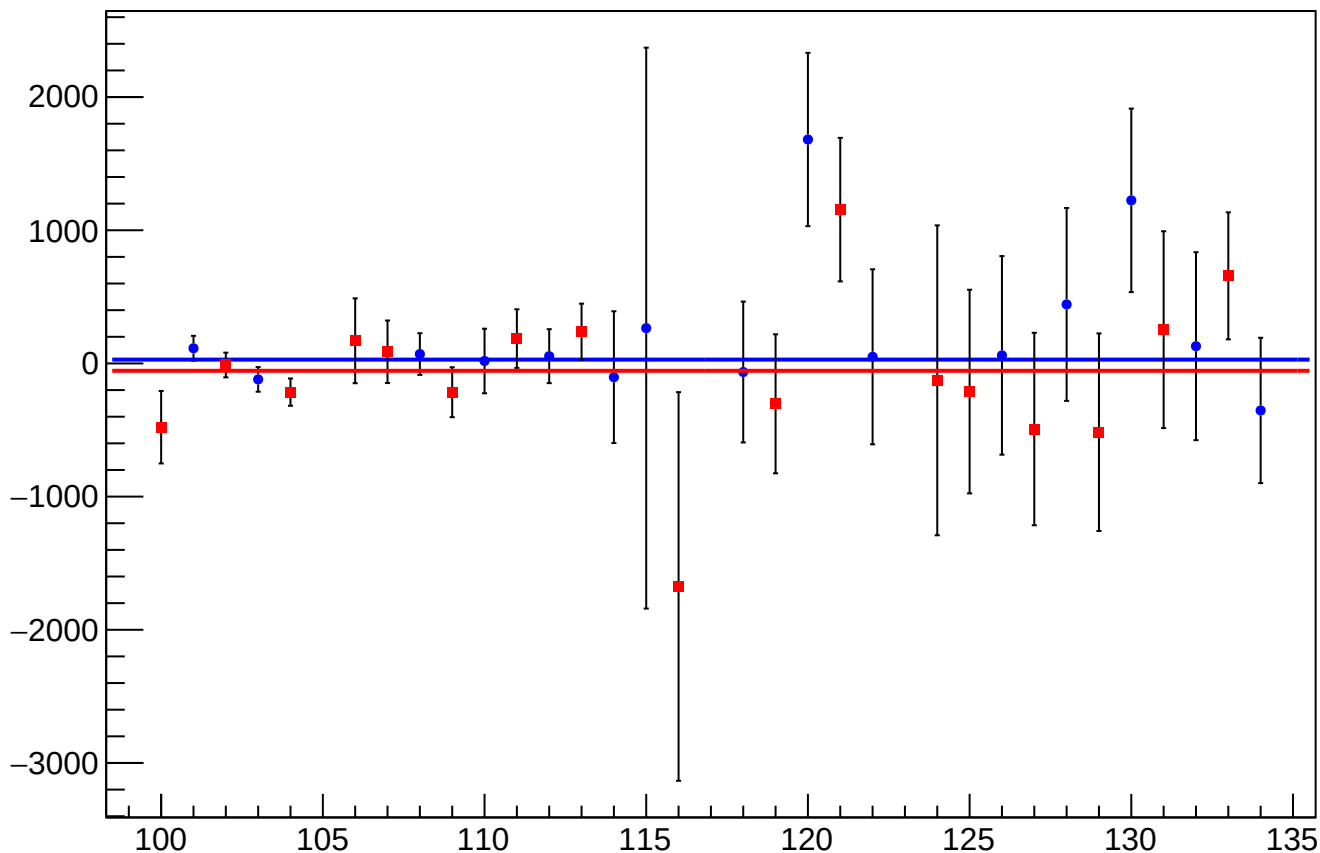
Right: 59.091+/-0.012 χ^2/NDF : 612693.0/31

In: 60.664+/-0.017 χ^2/NDF :254963.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.091+/-0.012 χ^2/NDF : 612693.0/31

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 28.707+/-54.407 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.294+/-53.892 χ^2/NDF : 19.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

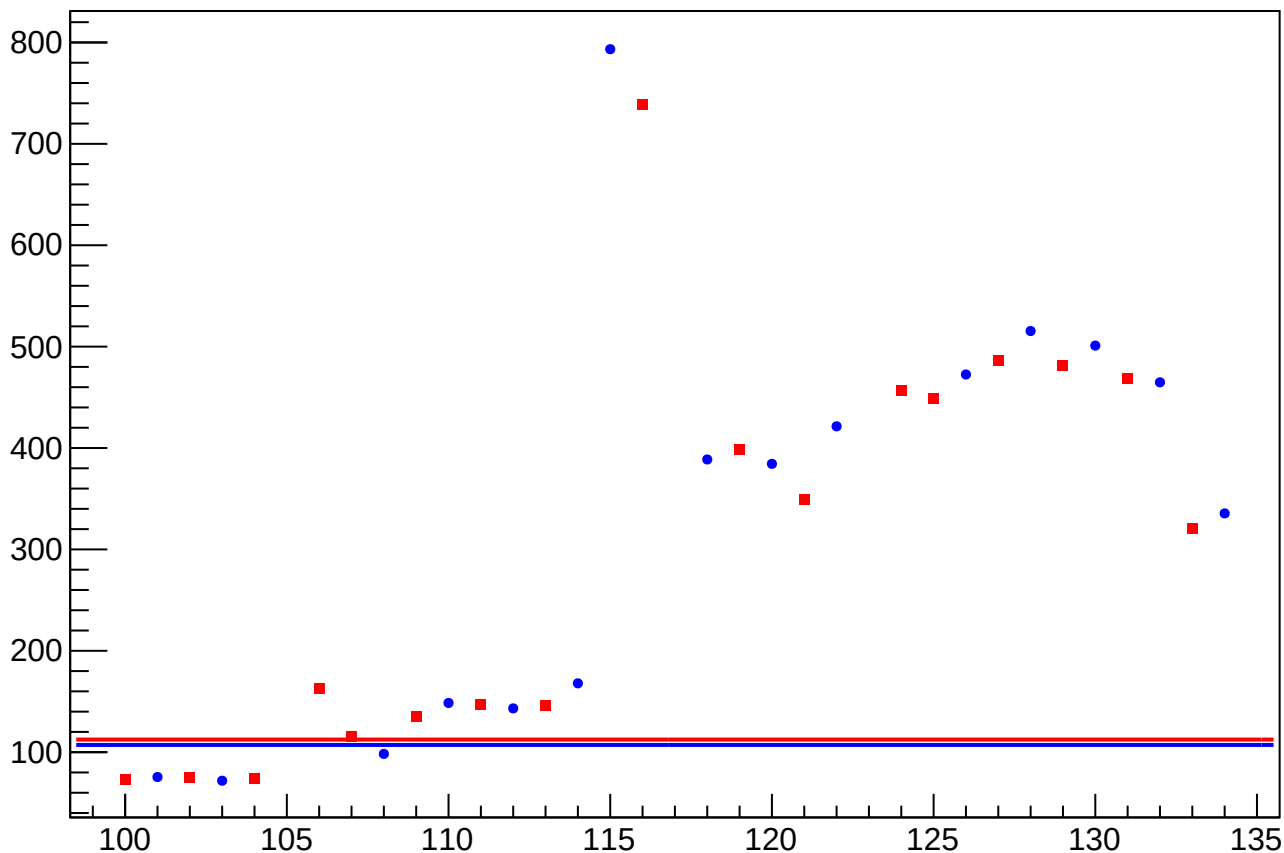
Right: -13.693+/-38.288 χ^2/NDF : 34.6/31

In: 28.707+/-54.407 χ^2/NDF : 13.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.693+/-38.288 χ^2/NDF : 34.6/31

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 107.148+/-0.038 χ^2/NDF : 4912728.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 112.441+/-0.038 χ^2/NDF : 4635853.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

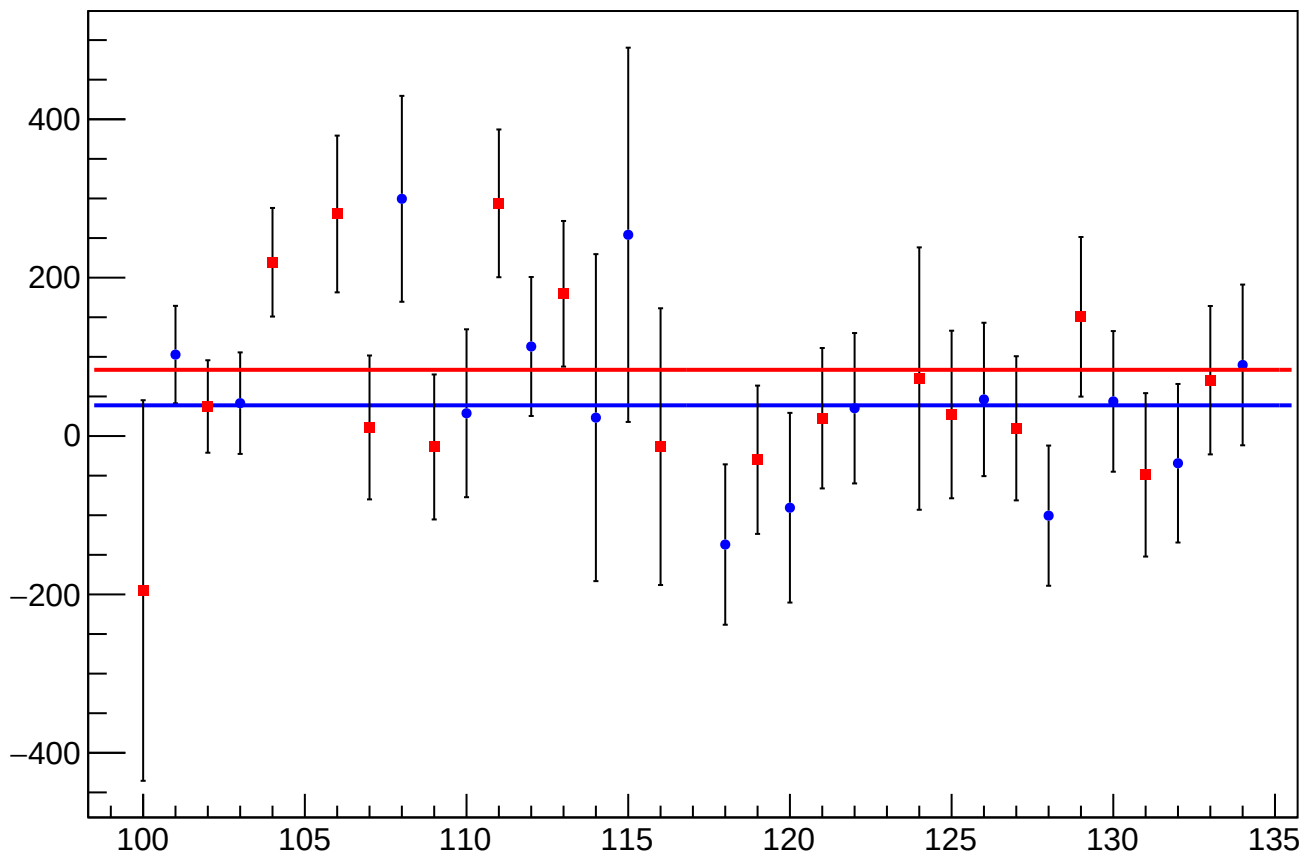
Right: 109.820+/-0.027 χ^2/NDF : 9558138.5/31

In: 107.148+/-0.038 χ^2/NDF :4912728.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.820+/-0.027 χ^2/NDF : 9558138.5/31

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 38.782+/-24.524 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.627+/-22.787 χ^2/NDF : 23.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

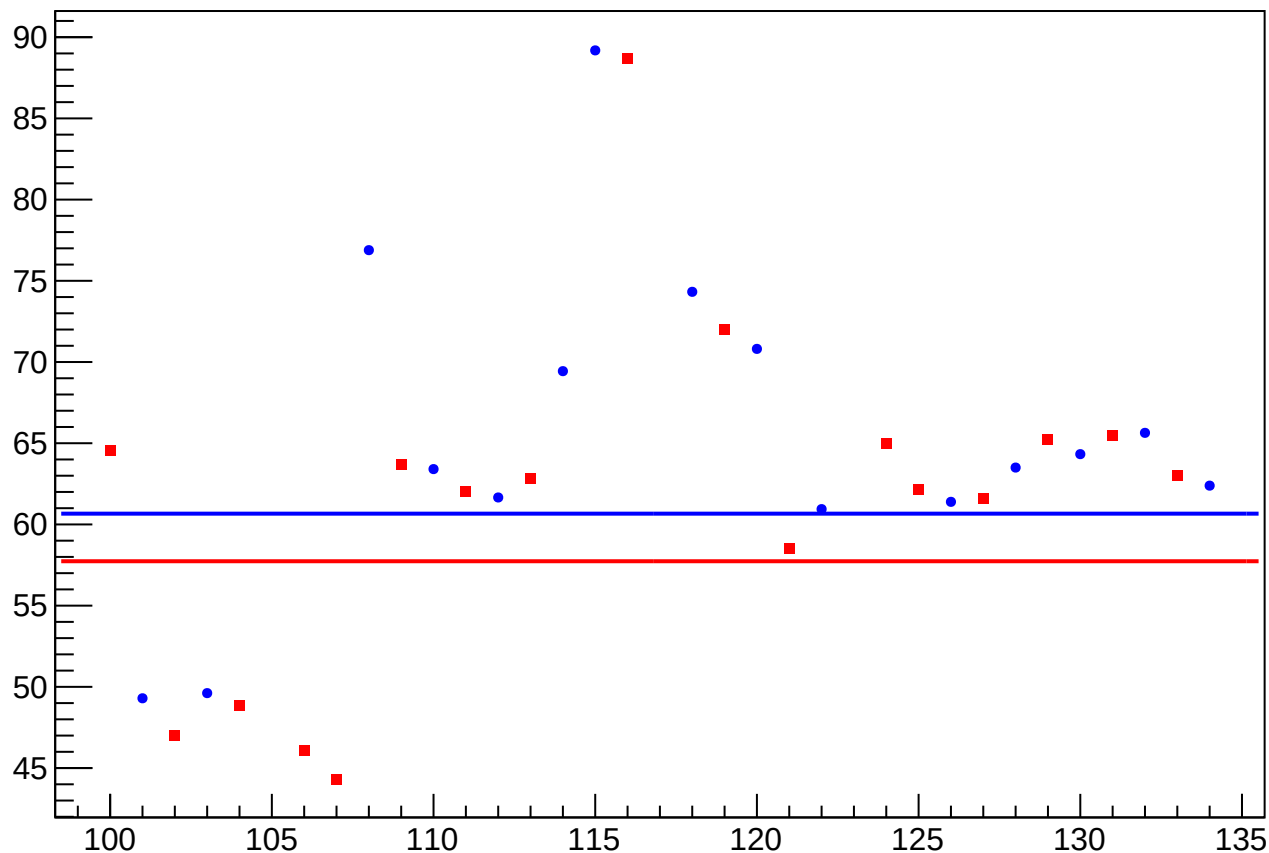
Right: 62.849+/-16.693 χ^2/NDF : 39.0/31

In: 38.782+/-24.524 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.849+/-16.693 χ^2/NDF : 39.0/31

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.664+/-0.017 χ^2/NDF : 254962.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.734+/-0.016 χ^2/NDF : 342408.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

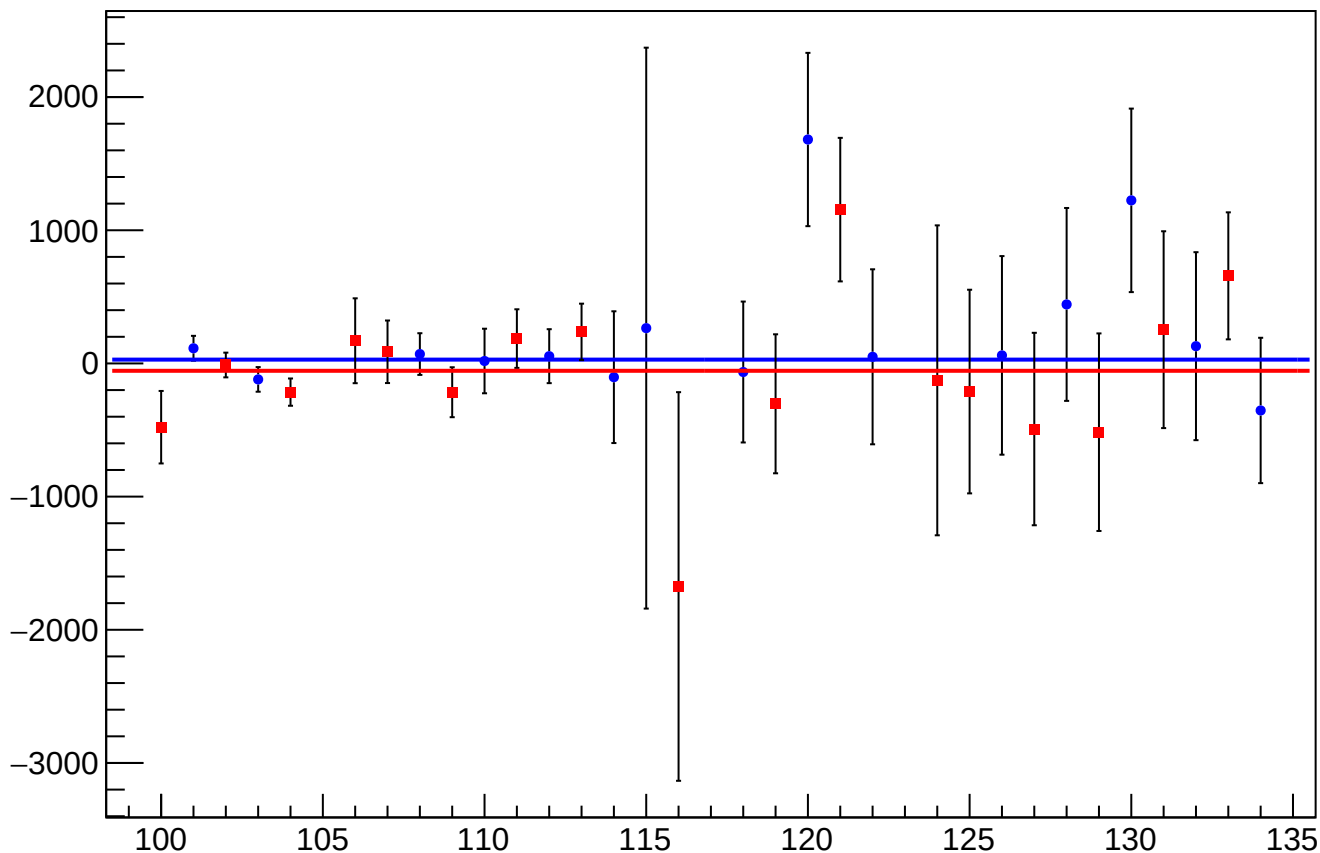
Right: 59.091+/-0.012 χ^2/NDF : 612688.1/31

In: 60.664+/-0.017 χ^2/NDF : 254962.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.091+/-0.012 χ^2/NDF : 612688.1/31

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 28.706+/-54.407 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.294+/-53.892 χ^2/NDF : 19.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

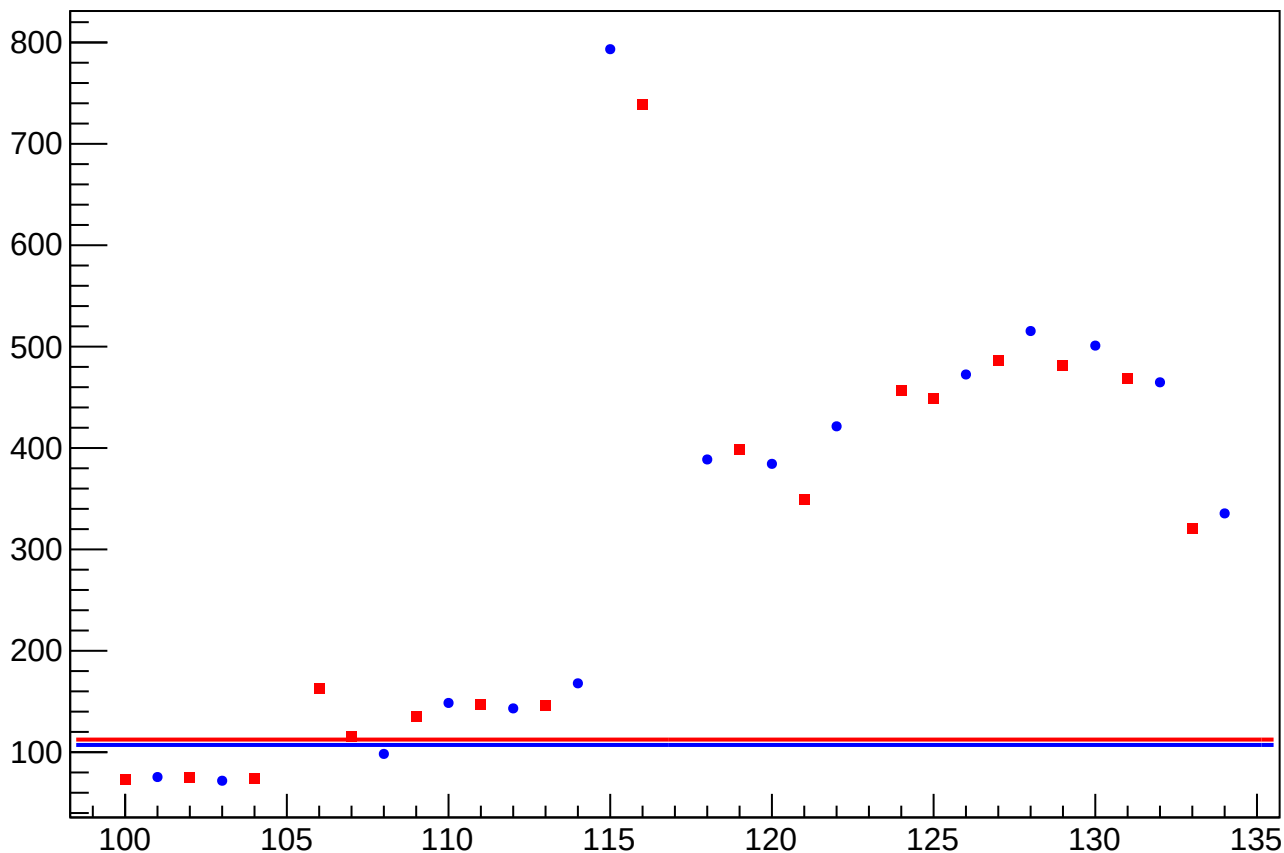
Right: -13.693+/-38.288 χ^2/NDF : 34.6/31

In: 28.706+/-54.407 χ^2/NDF : 13.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.693+/-38.288 χ^2/NDF : 34.6/31

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 107.148+/-0.038 χ^2/NDF : 4912731.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.441+/-0.038 χ^2/NDF : 4635859.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

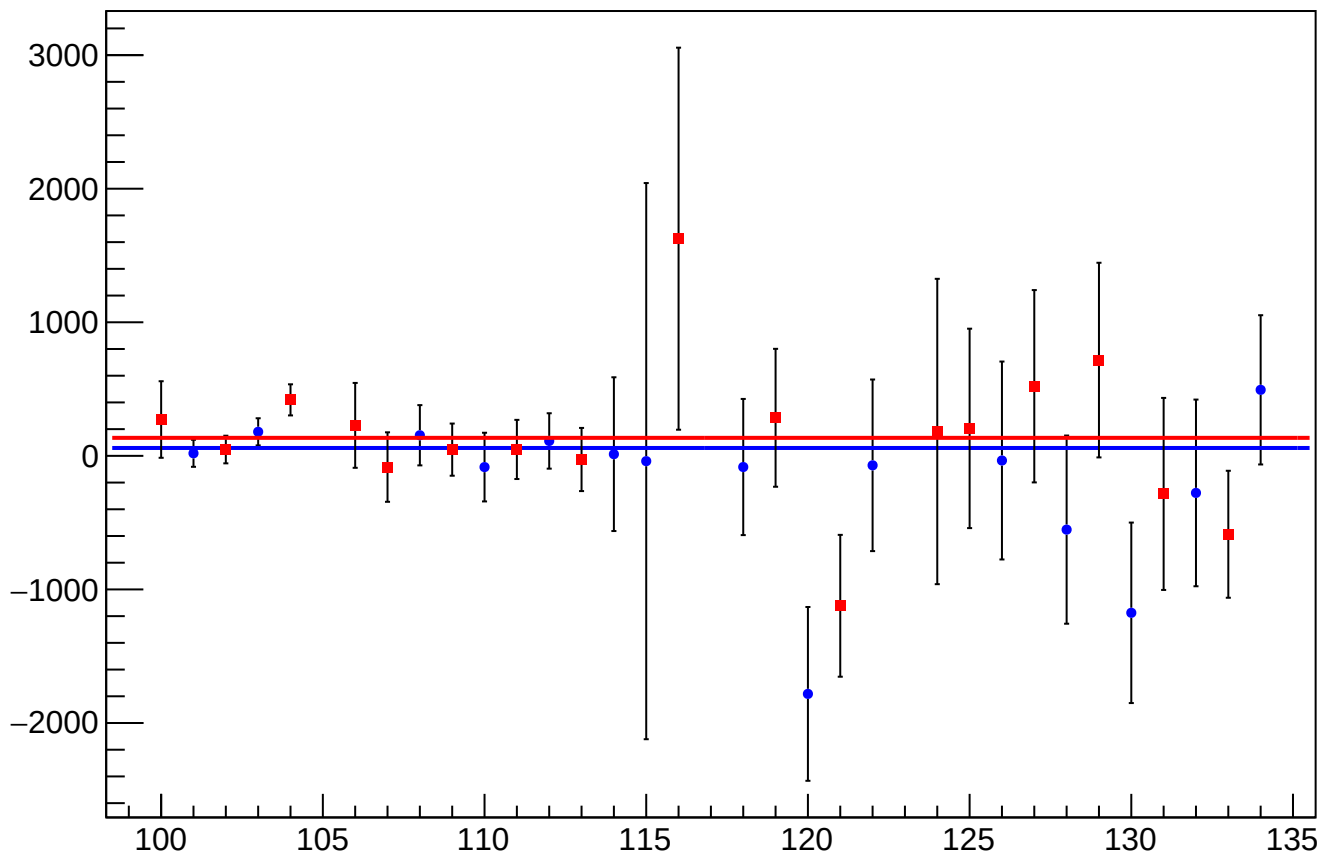
Right: 109.819+/-0.027 χ^2/NDF : 9558146.4/31

In: 107.148+/-0.038 χ^2/NDF : 4912731.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.819+/-0.027 χ^2/NDF : 9558146.4/31

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 58.969+/-60.252 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.801+/-58.823 χ^2/NDF : 18.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

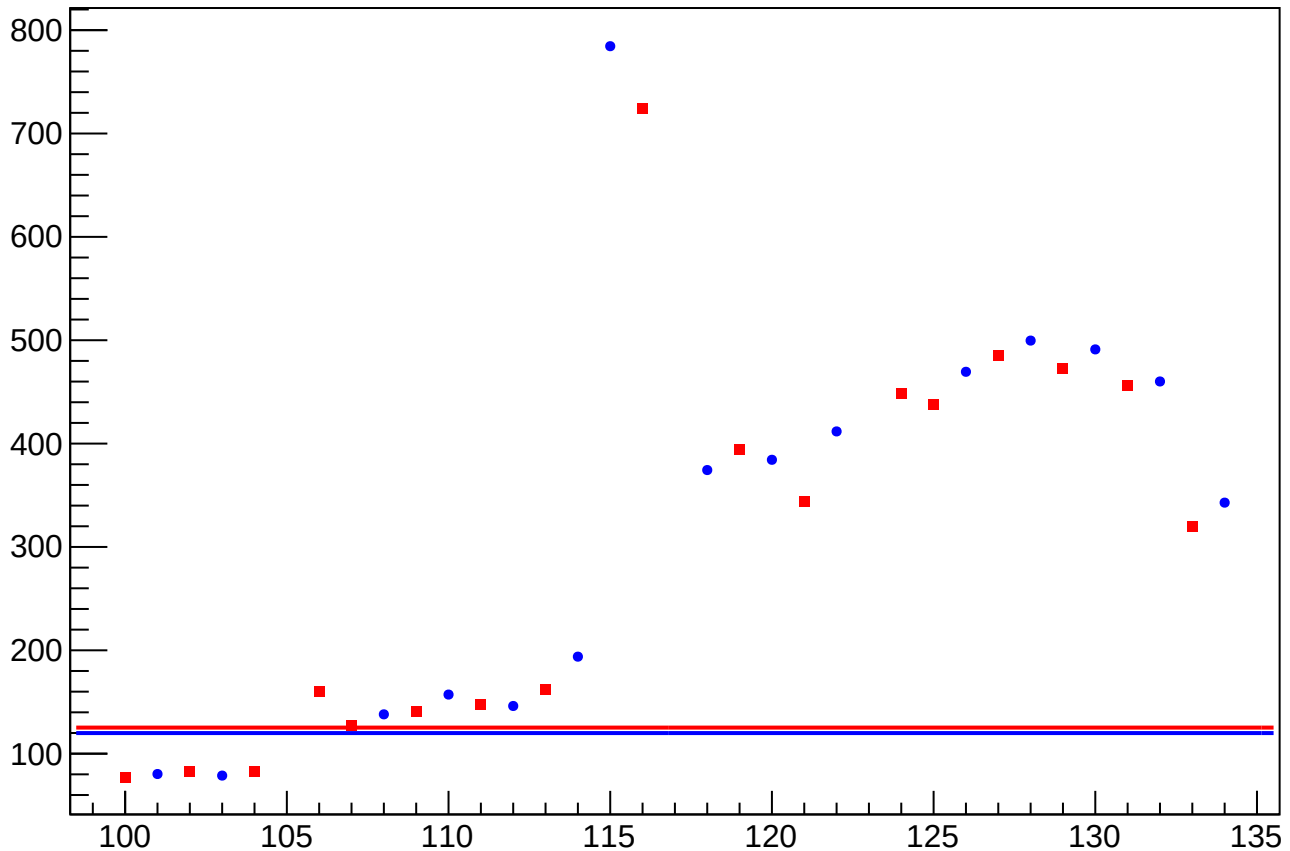
Right: 97.795+/-42.090 χ^2/NDF : 34.9/31

In: 58.969+/-60.252 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.795+/-42.090 χ^2/NDF : 34.9/31

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 119.931+/-0.043 χ^2/NDF : 4621247.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.235+/-0.042 χ^2/NDF : 4219142.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

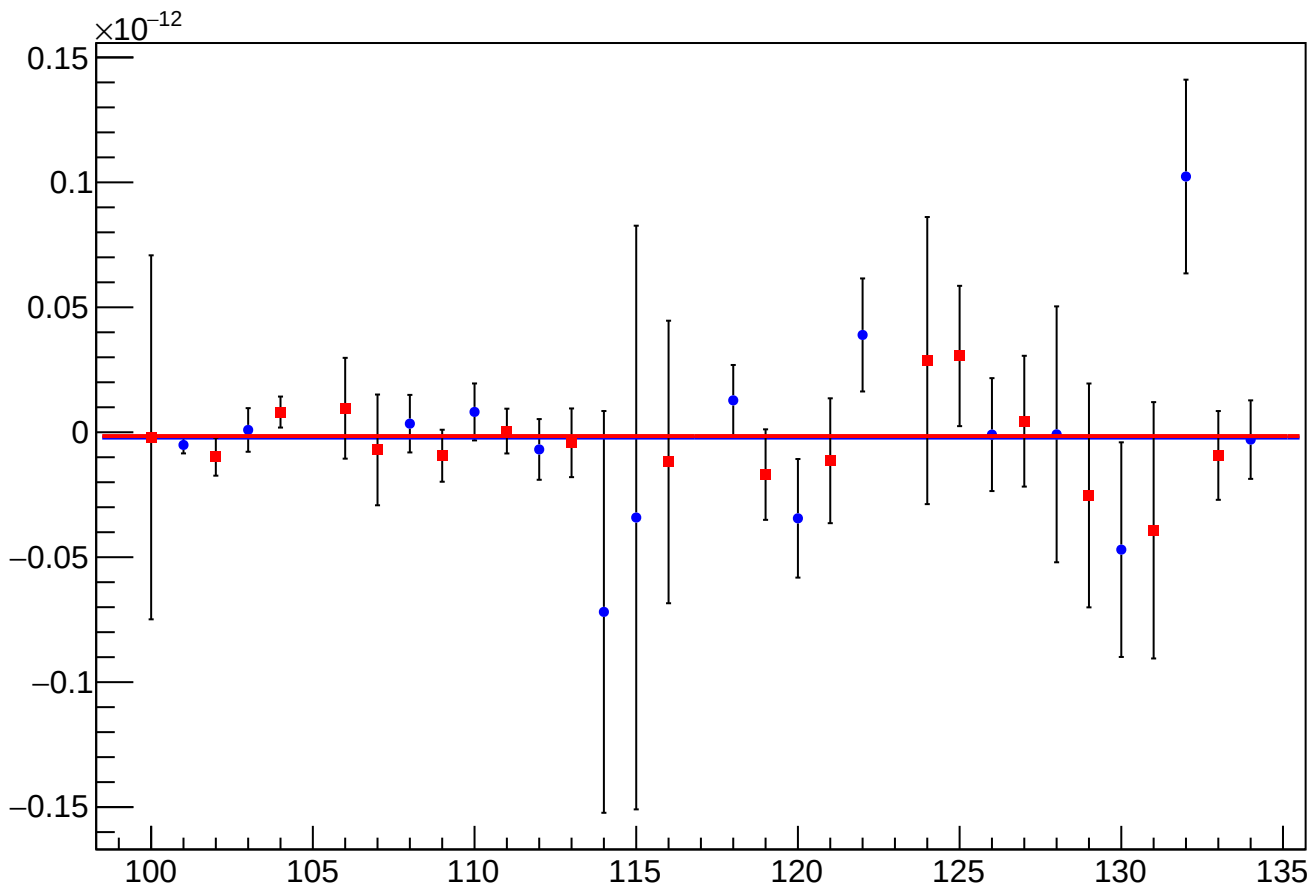
Right: 122.647+/-0.030 χ^2/NDF : 8848326.1/31

In: 119.931+/-0.043 χ^2/NDF : 4621247.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.647+/-0.030 χ^2/NDF : 8848326.1/31

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

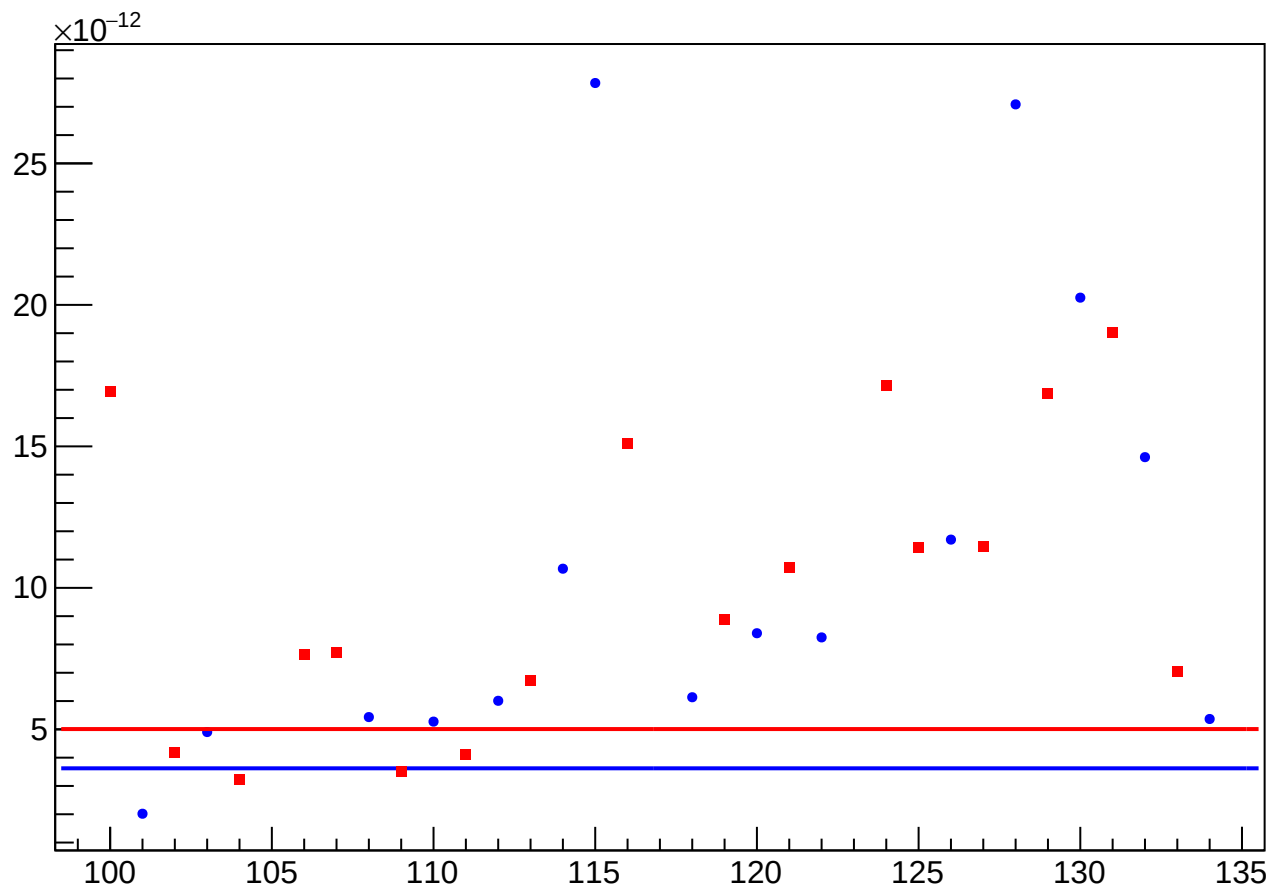
Right: -0.000+/-0.000 χ^2/NDF : 25.7/31

In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.7/31

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2153098.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1293073.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

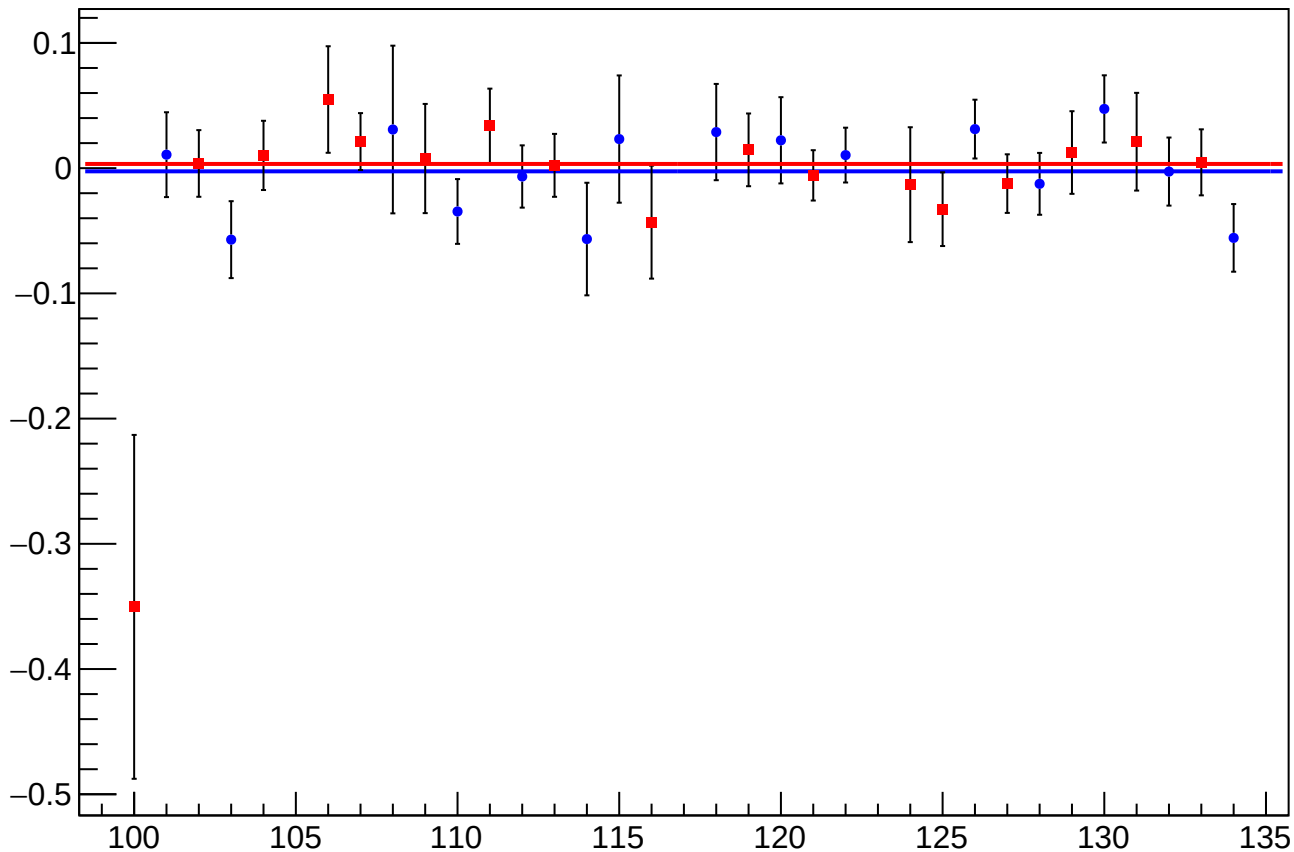
Right: 0.000+/-0.000 χ^2/NDF : 3652573.5/31

In: 0.000+/-0.000 χ^2/NDF : 2153098.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3652573.5/31

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.008 χ^2 /NDF: 17.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.007 χ^2 /NDF: 13.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

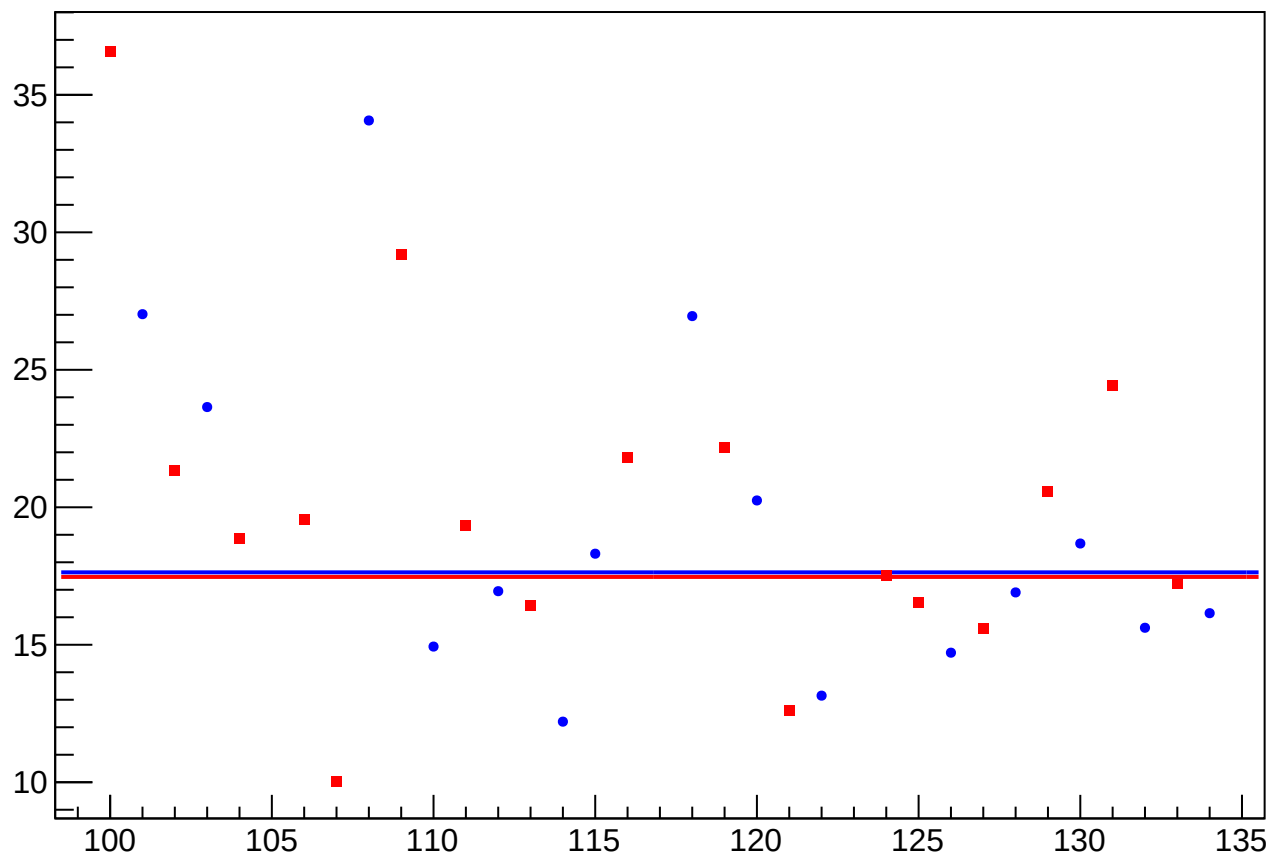
Right: 0.001 $\pm$ 0.005 χ^2 /NDF: 31.8/31

In: -0.003 $\pm$ 0.008 χ^2 /NDF:17.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.005 χ^2 /NDF: 31.8/31

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.634+/-0.005 χ^2/NDF : 669401.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.467+/-0.005 χ^2/NDF : 745153.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

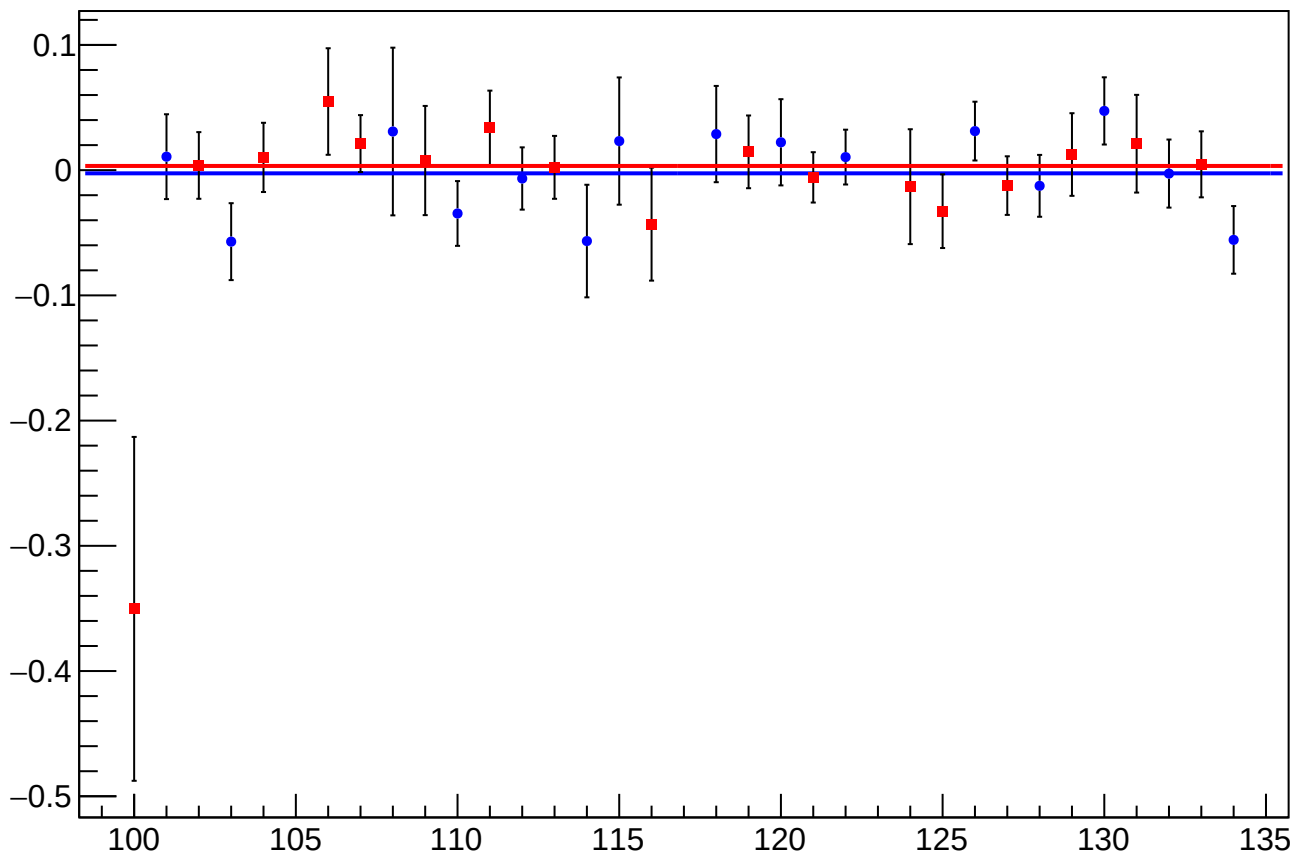
Right: 17.546+/-0.004 χ^2/NDF : 1415058.3/31

In: 17.634+/-0.005 χ^2/NDF : 669401.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.546+/-0.004 χ^2/NDF : 1415058.3/31

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.007 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

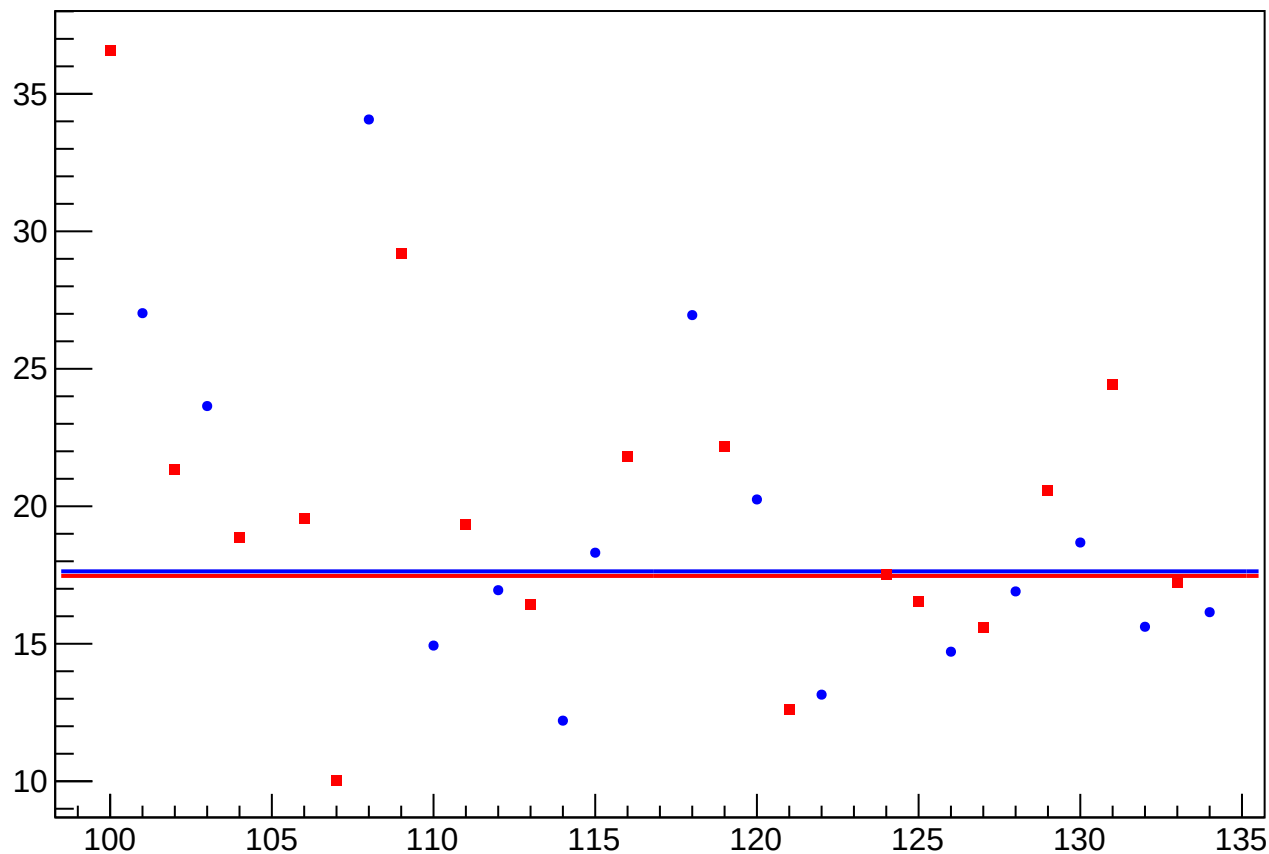
Right: 0.001 ± 0.005 χ^2/NDF : 31.8/31

In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 31.8/31

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.634+/-0.005 χ^2/NDF : 669401.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.467+/-0.005 χ^2/NDF : 745153.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

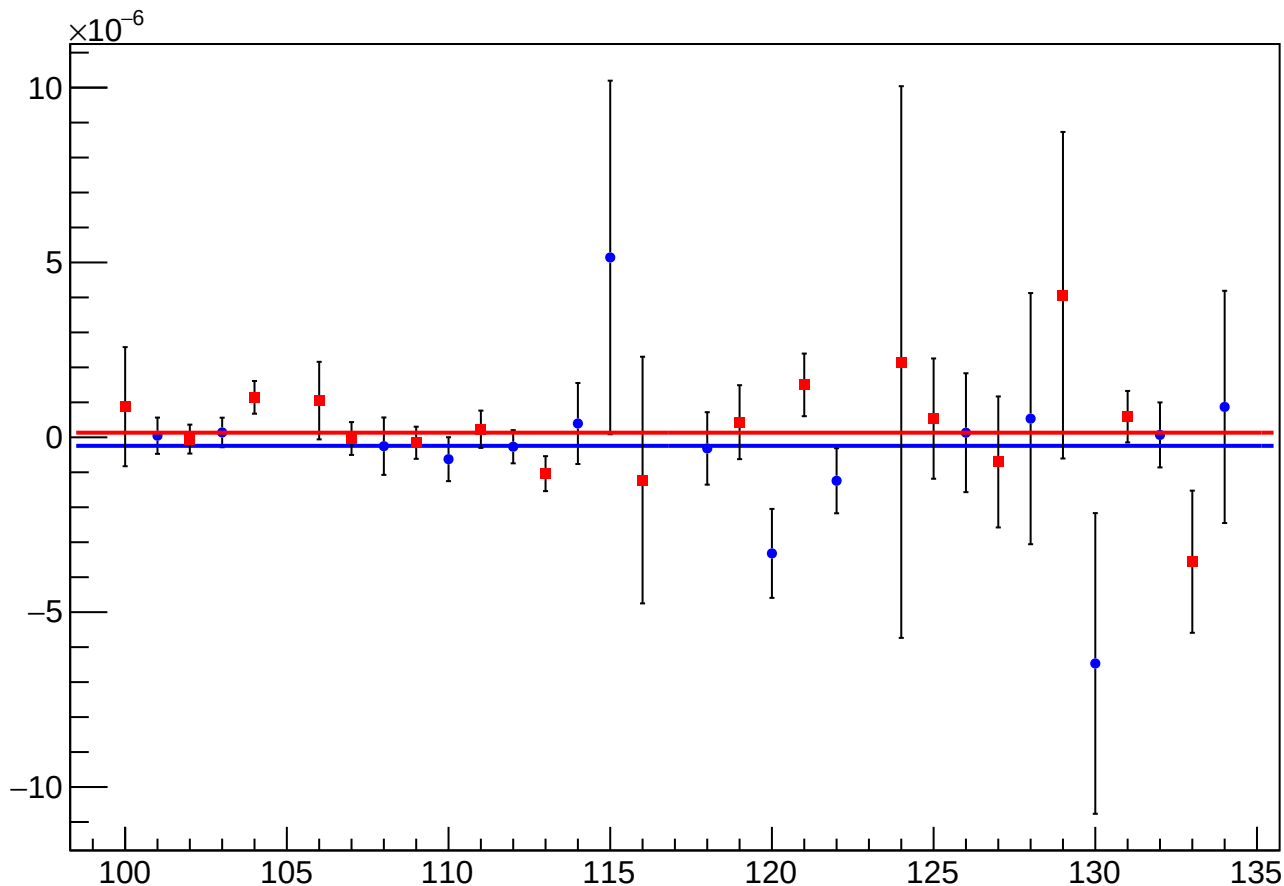
Right: 17.546+/-0.004 χ^2/NDF : 1415058.3/31

In: 17.634+/-0.005 χ^2/NDF : 669401.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.546+/-0.004 χ^2/NDF : 1415058.3/31

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

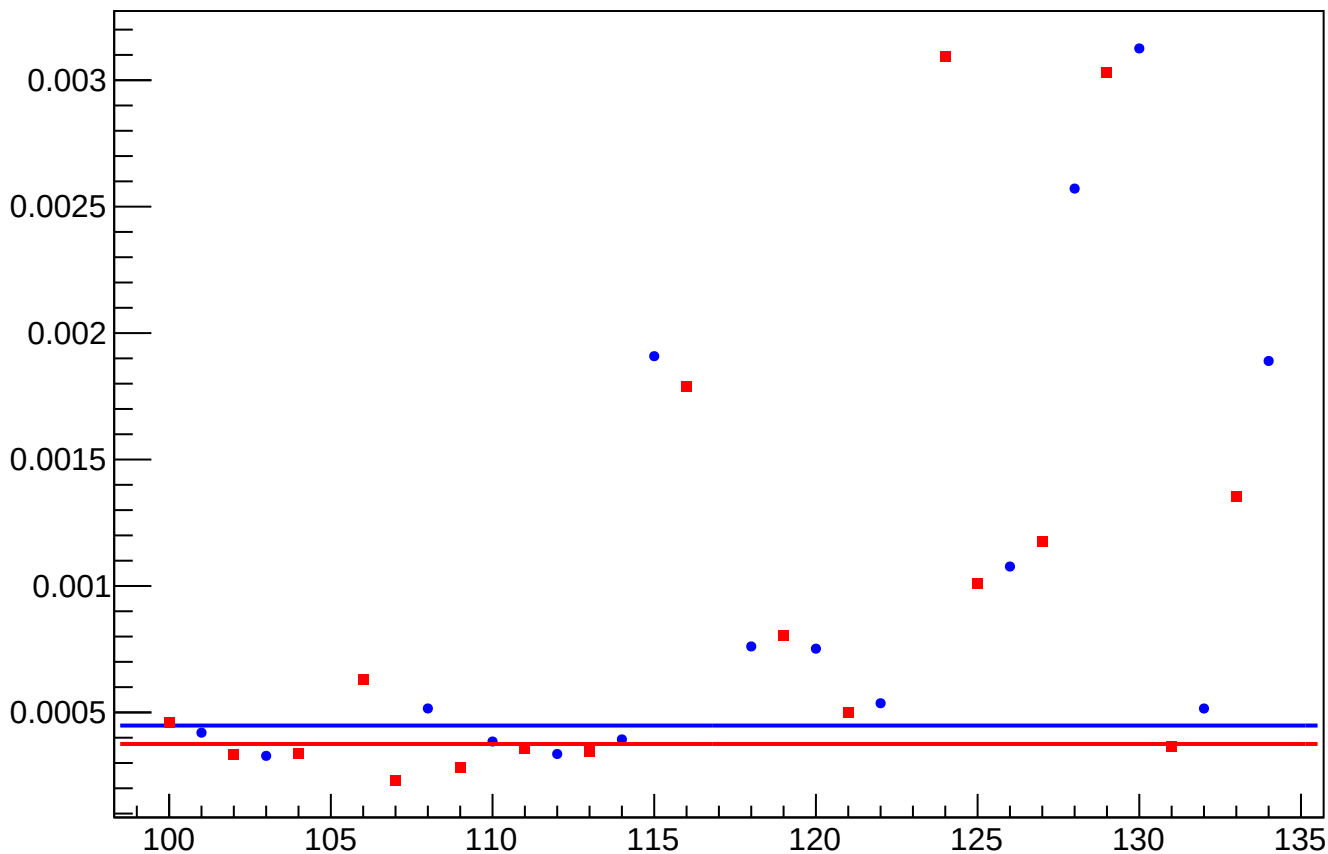
Right: -0.000+/-0.000 χ^2/NDF : 33.3/31

In: -0.000+/-0.000 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/31

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2934655.9/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 3106179.9/16

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 6185326.5/31

In: 0.000+/-0.000

χ^2/NDF : 2934655.9/14

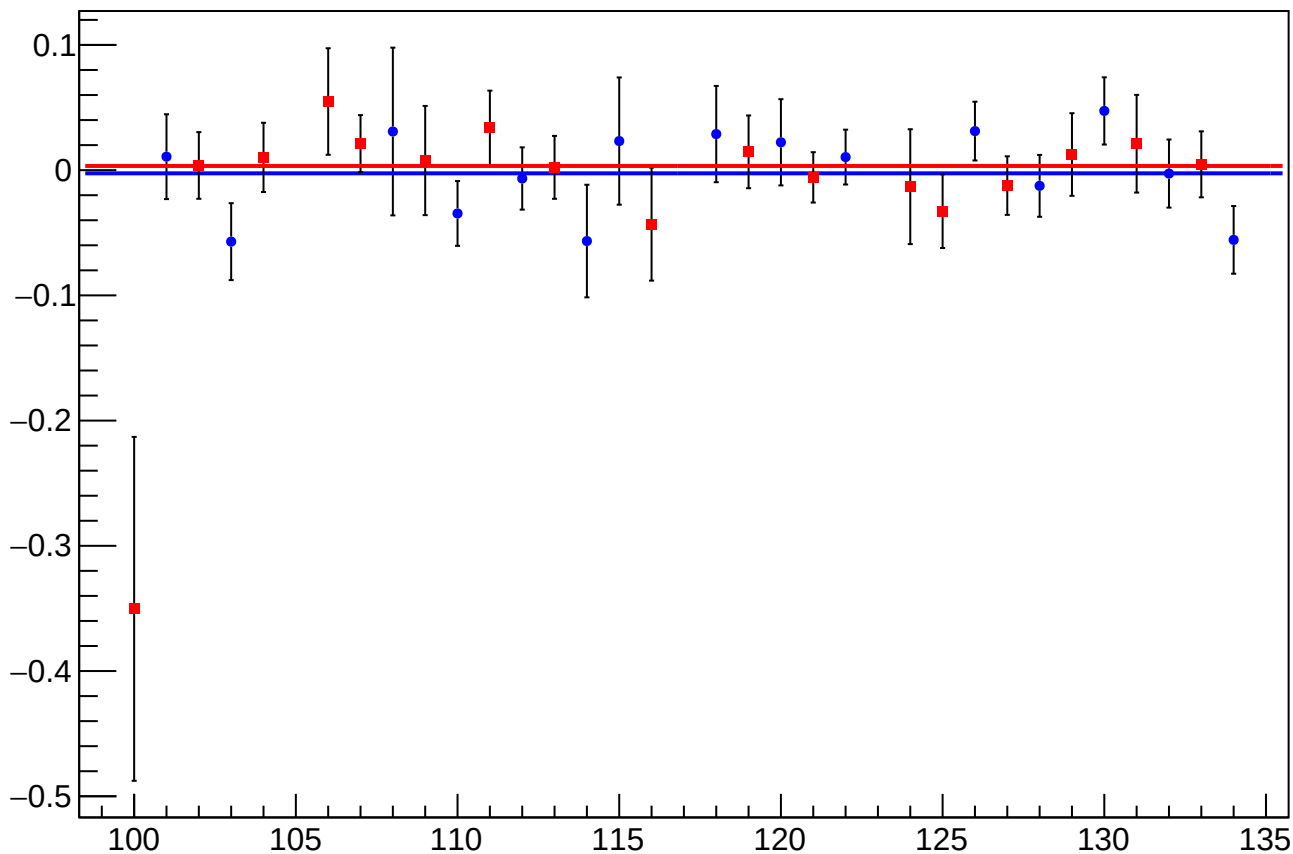
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 6185326.5/31

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.007 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

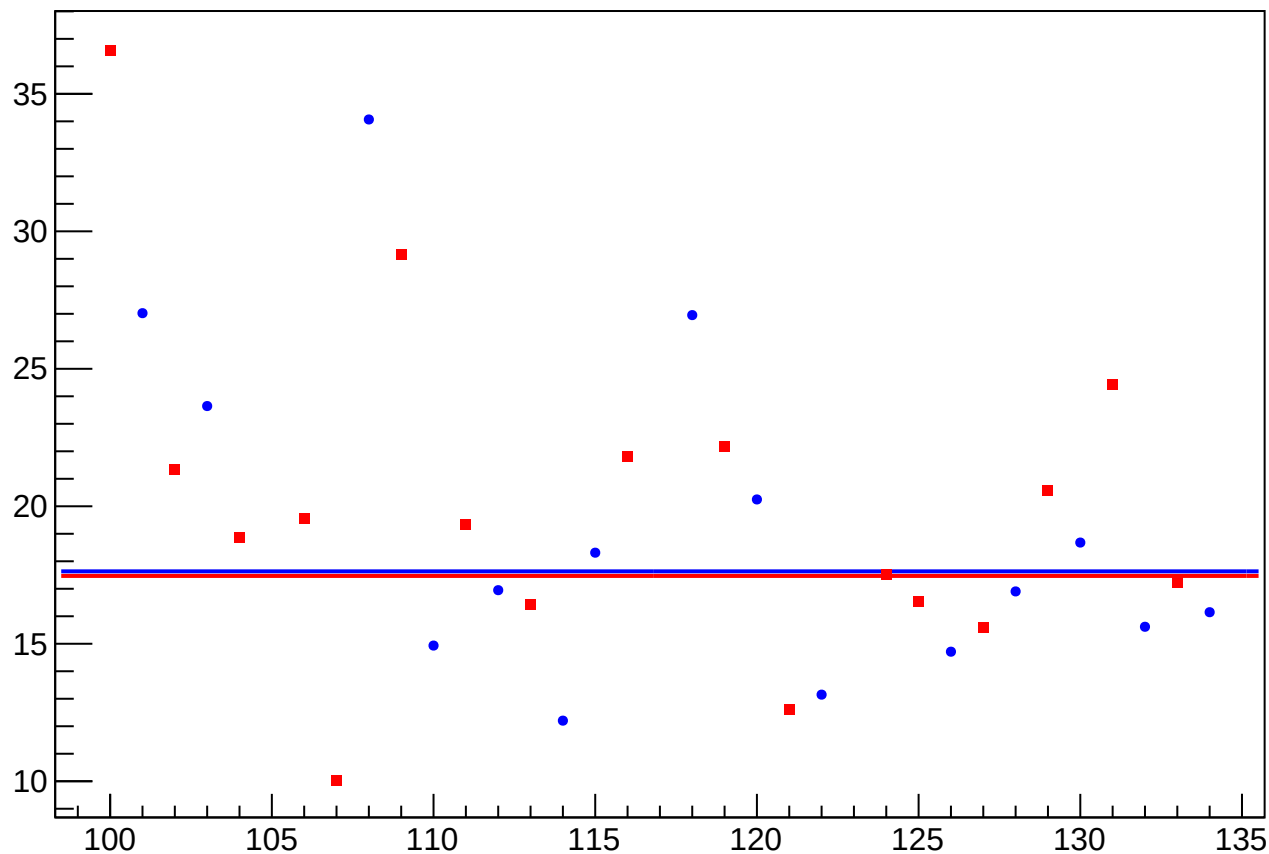
Right: 0.001 ± 0.005 χ^2/NDF : 31.8/31

In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 31.8/31

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.633+/-0.005 χ^2/NDF : 669404.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.467+/-0.005 χ^2/NDF : 745151.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

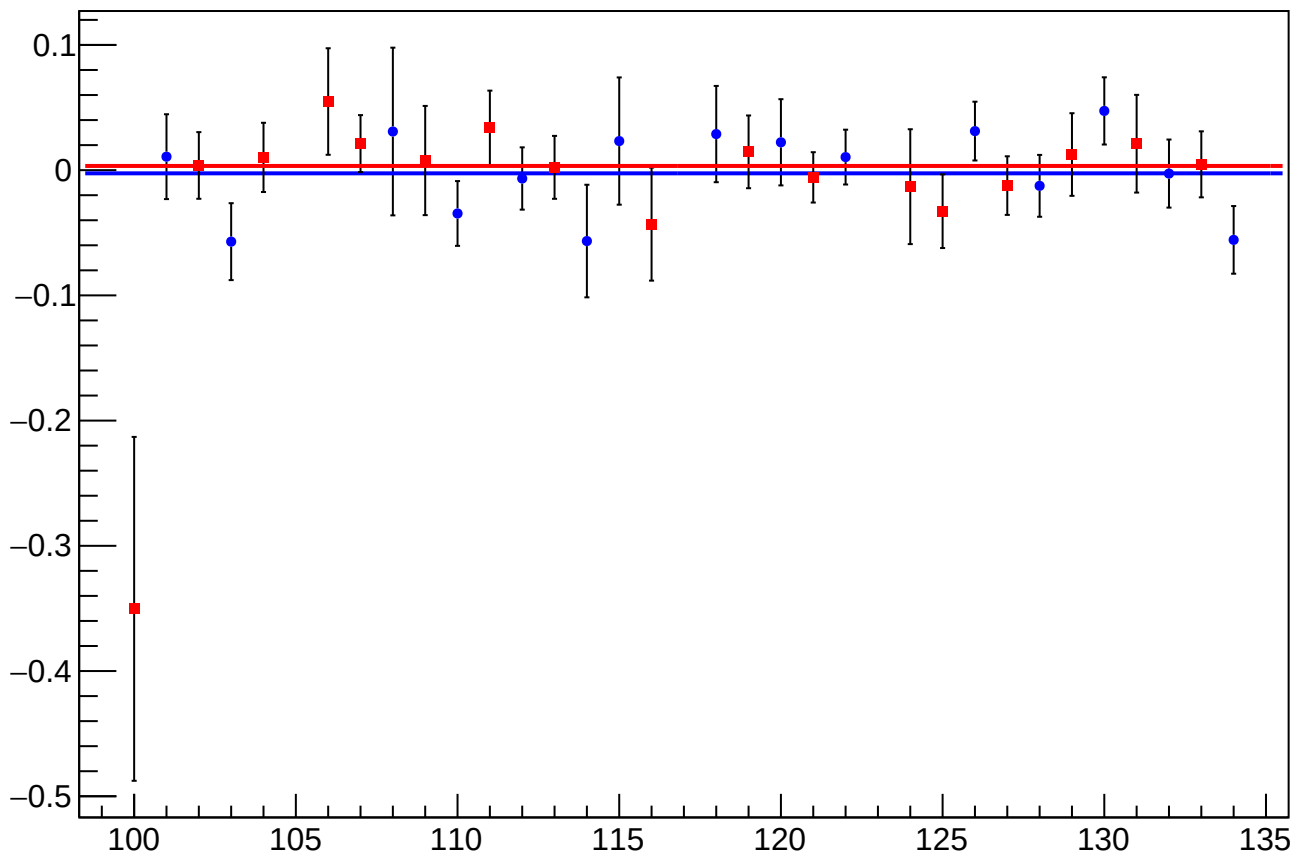
Right: 17.546+/-0.004 χ^2/NDF : 1415059.2/31

In: 17.633+/-0.005 χ^2/NDF : 669404.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.546+/-0.004 χ^2/NDF : 1415059.2/31

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.007 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

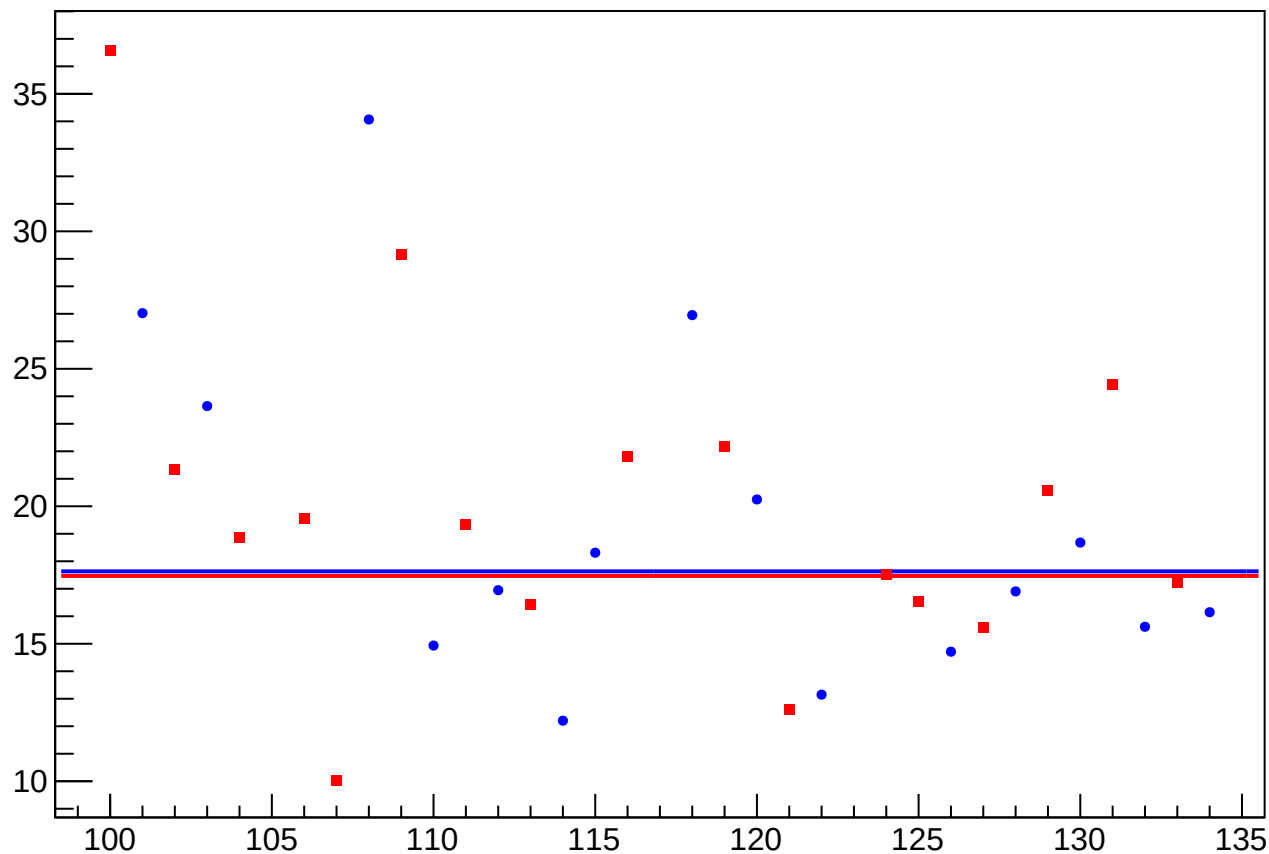
Right: 0.001 ± 0.005 χ^2/NDF : 31.8/31

In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 31.8/31

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.633+/-0.005 χ^2/NDF : 669404.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.467+/-0.005 χ^2/NDF : 745151.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

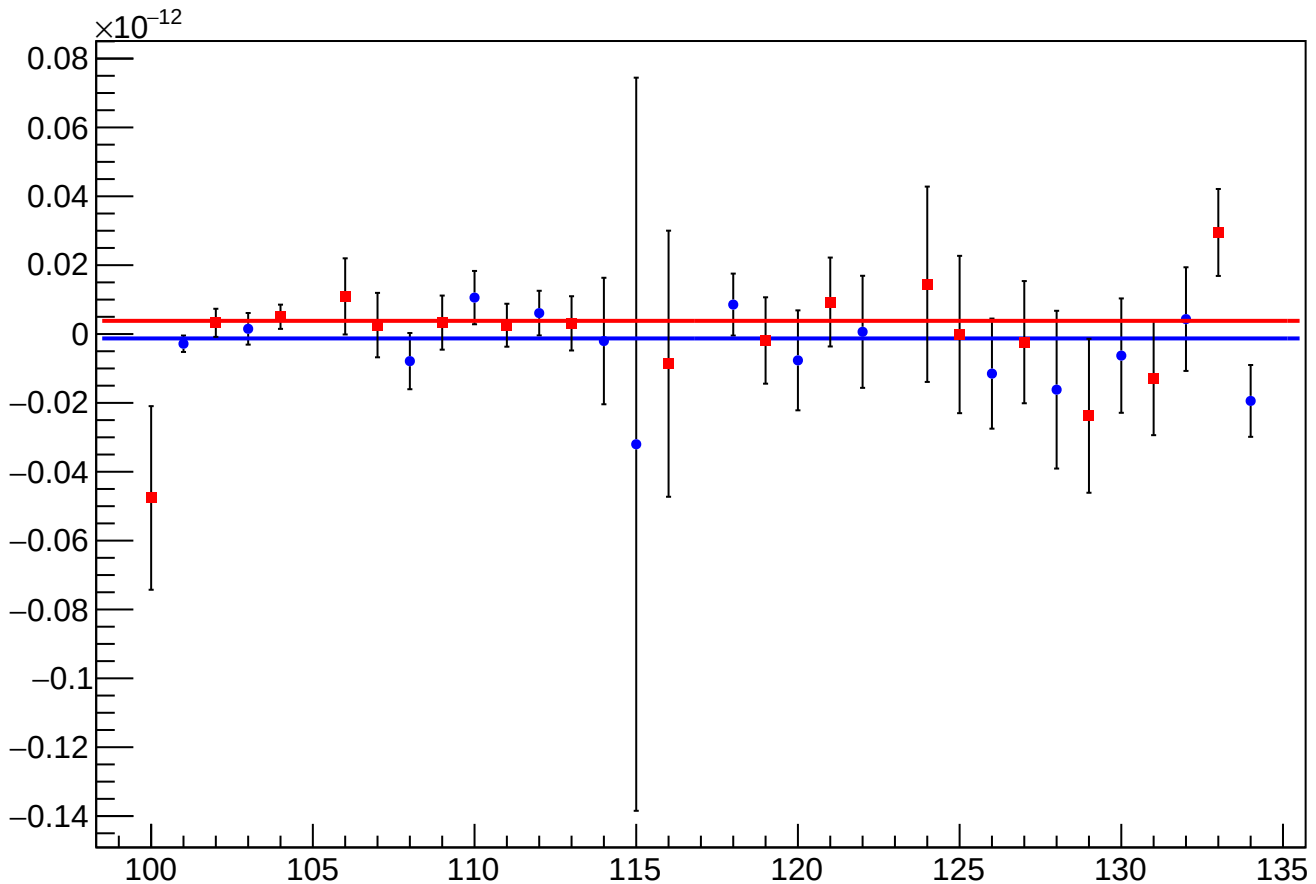
Right: 17.546+/-0.004 χ^2/NDF : 1415059.2/31

In: 17.633+/-0.005 χ^2/NDF : 669404.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.546+/-0.004 χ^2/NDF : 1415059.2/31

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

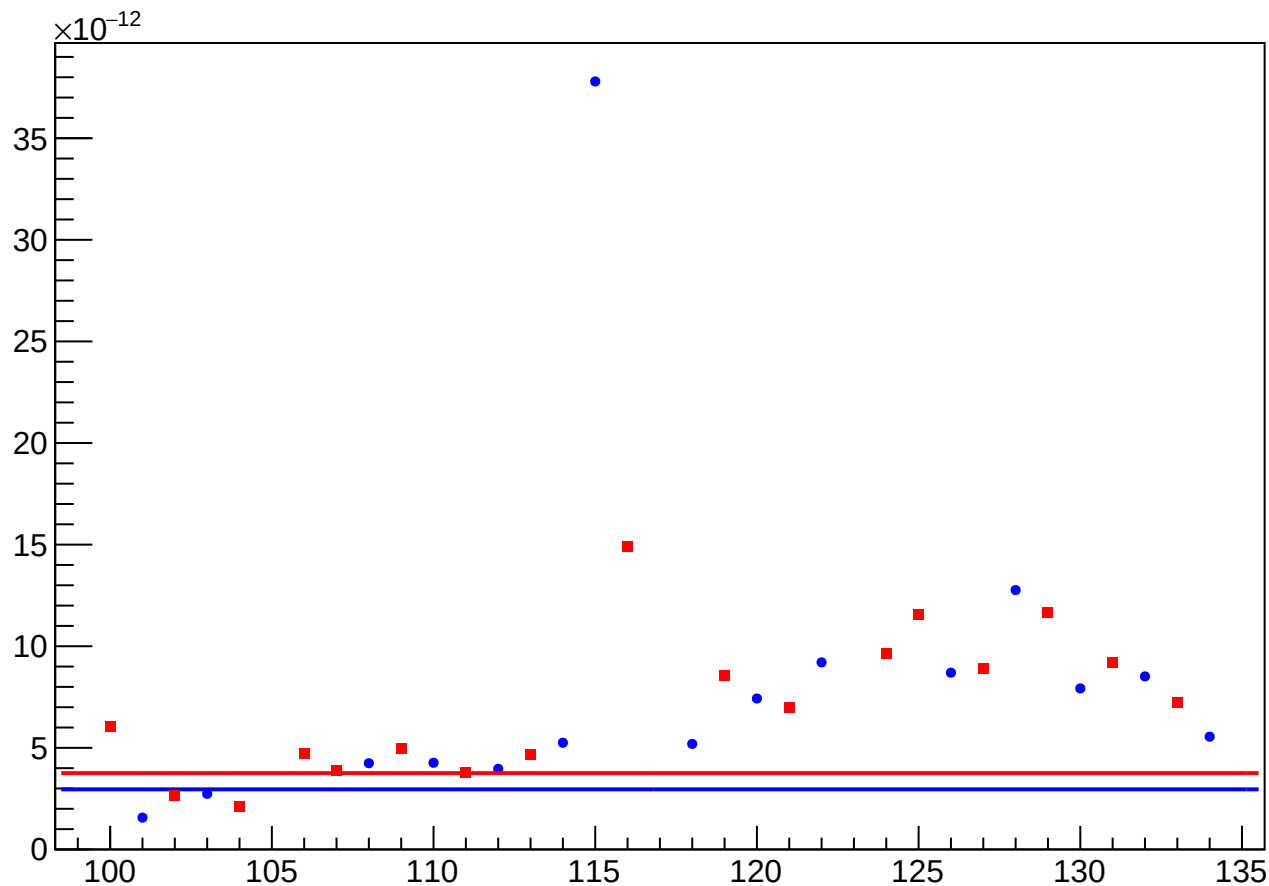
Right: 0.000+/-0.000 χ^2/NDF : 26.1/31

In: -0.000+/-0.000 χ^2/NDF : 10.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/31

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2892995.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2381265.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

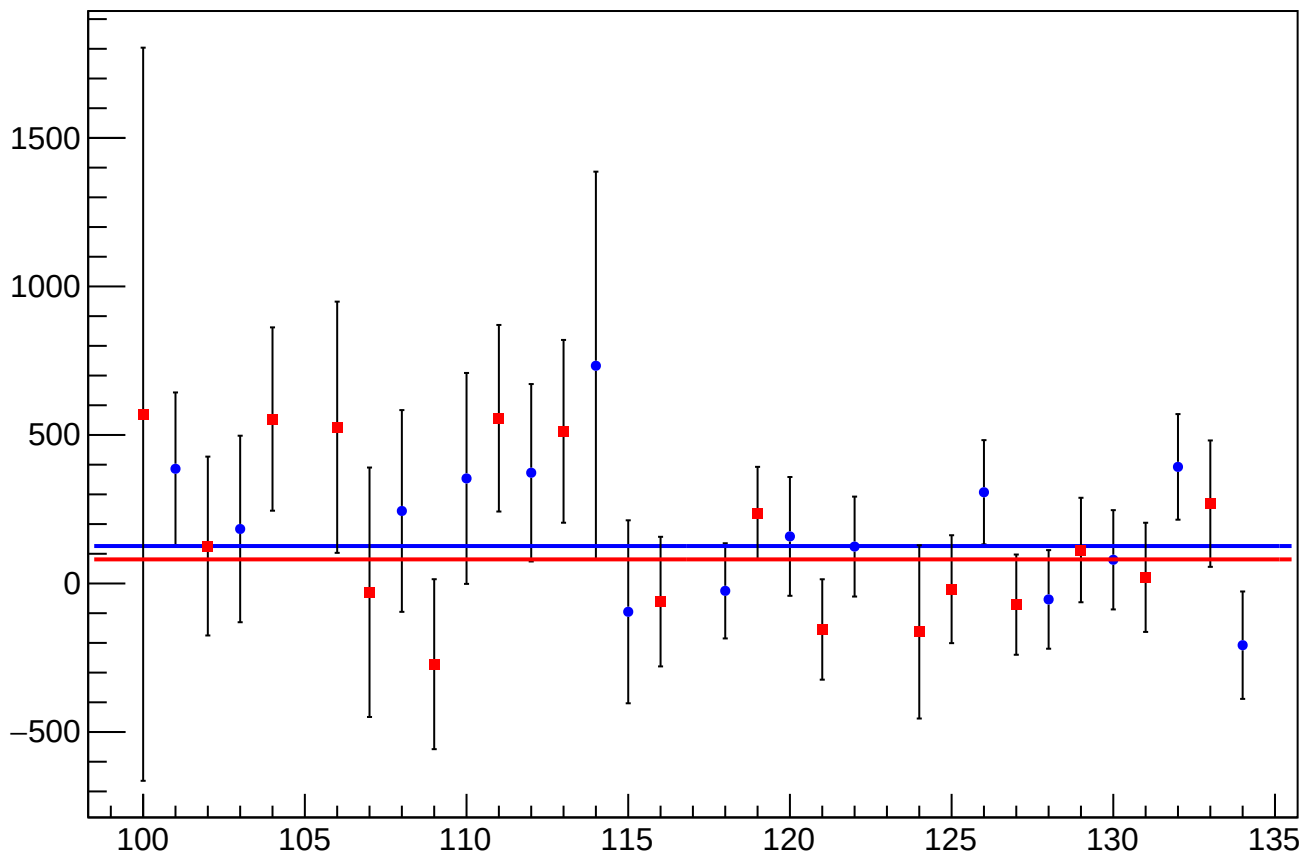
Right: 0.000+/-0.000 χ^2/NDF : 5454903.0/31

In: 0.000+/-0.000 χ^2/NDF : 2892995.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5454903.0/31

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 126.086 $\pm$ 54.870 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.145 $\pm$ 55.477 χ^2 /NDF: 15.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

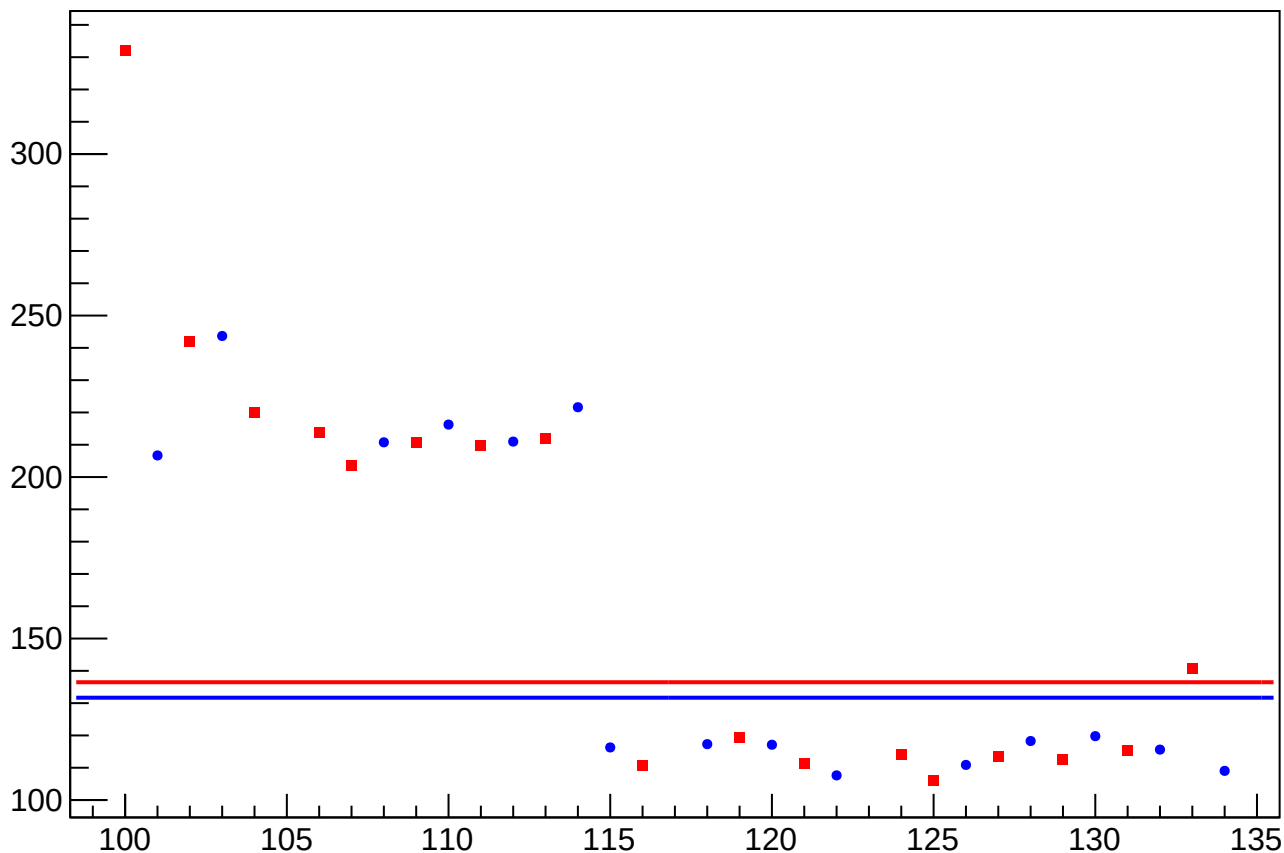
Right: 103.863 $\pm$ 39.012 χ^2 /NDF: 28.5/31

In: 126.086 $\pm$ 54.870 χ^2 /NDF: 12.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.863 $\pm$ 39.012 χ^2 /NDF: 28.5/31

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 131.686+/-0.039 χ^2/NDF : 997373.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.475+/-0.039 χ^2/NDF : 1188315.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

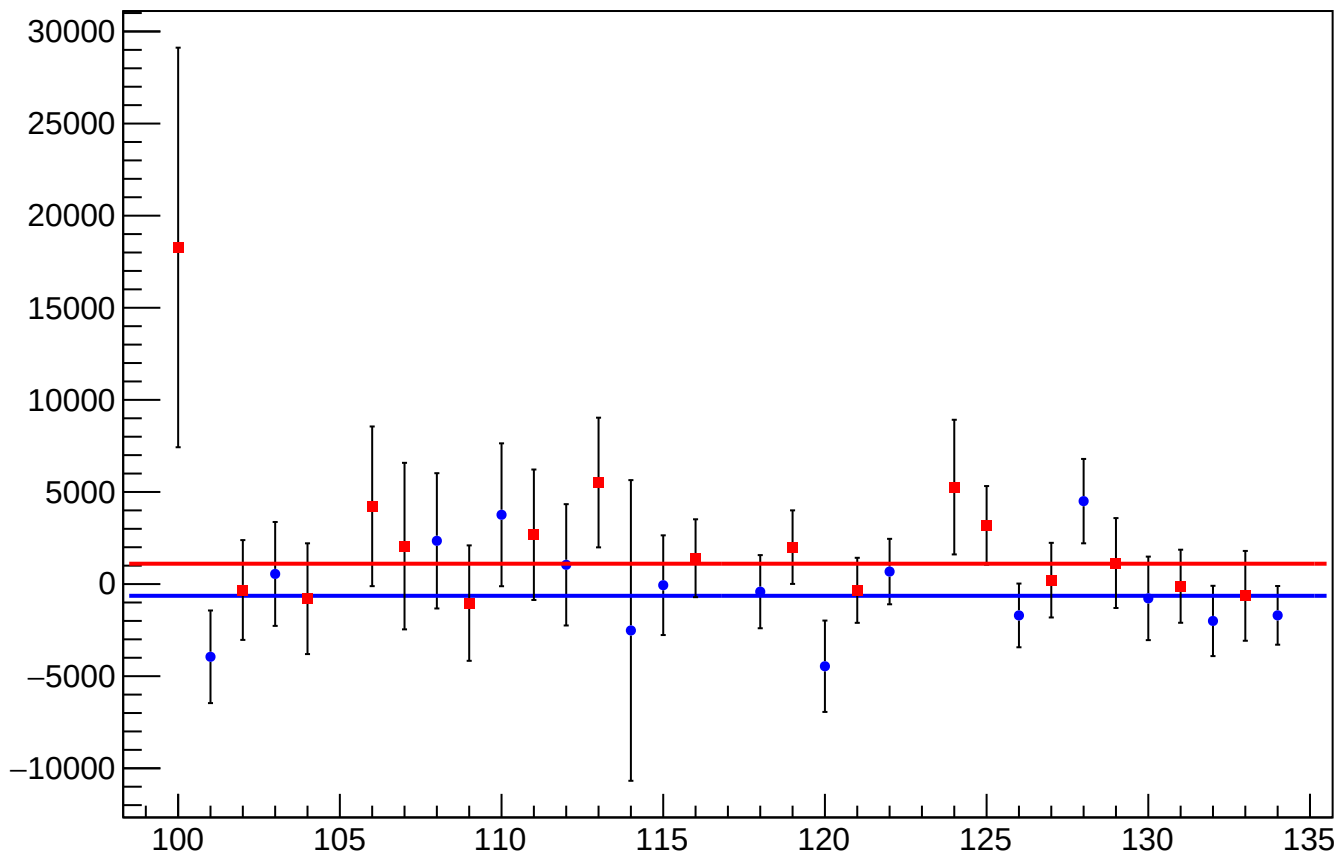
Right: 134.054+/-0.028 χ^2/NDF : 2193225.0/31

In: 131.686+/-0.039 χ^2/NDF : 997373.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.054+/-0.028 χ^2/NDF : 2193225.0/31

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -636.766+/-598.698 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.345+/-626.945 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

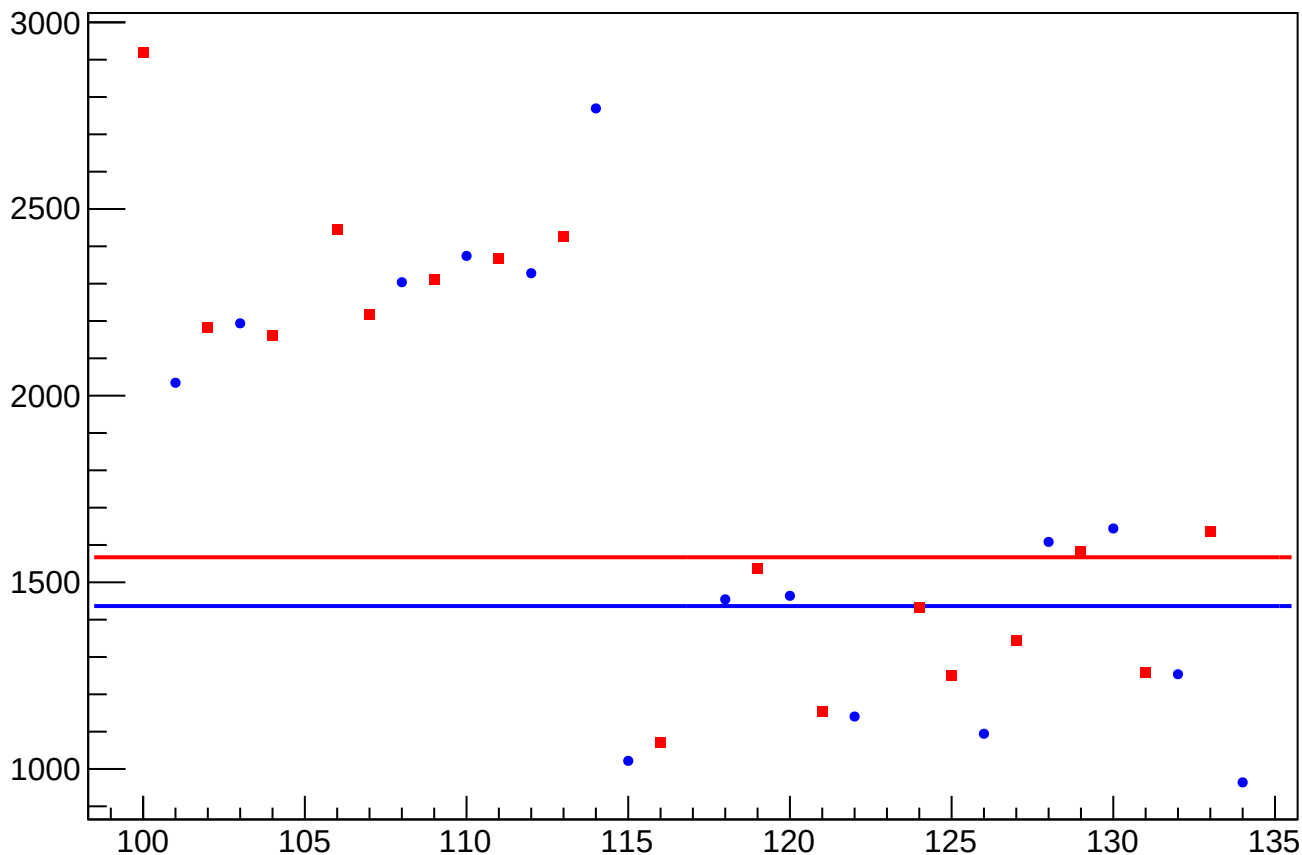
Right: 194.161+/-432.985 χ^2/NDF : 27.8/31

In: -636.766+/-598.698 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.161+/-432.985 χ^2/NDF : 27.8/31

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1436.393+/-0.423 χ^2/NDF : 1089240.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.123+/-0.443 χ^2/NDF : 1010432.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

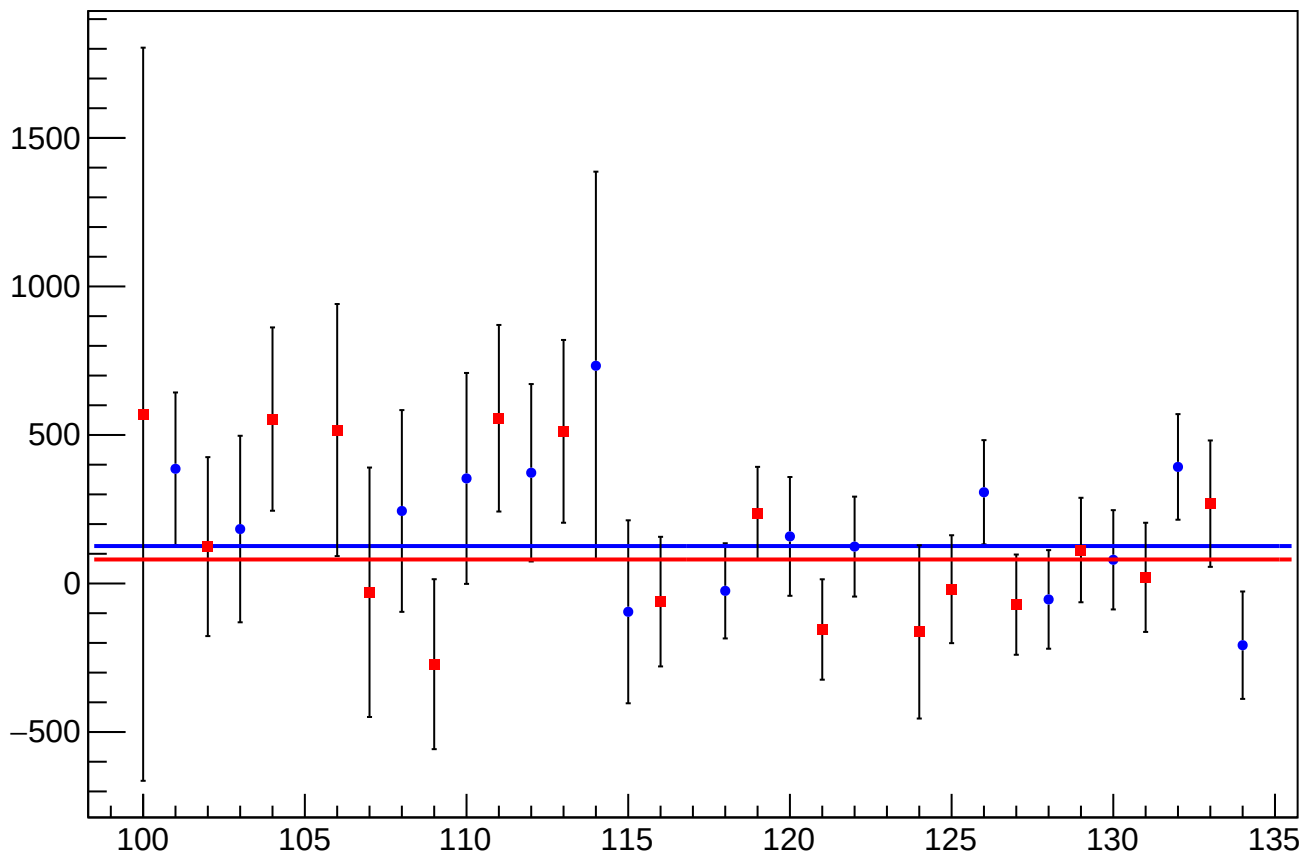
Right: 1498.746+/-0.306 χ^2/NDF : 2145155.7/31

In: 1436.393+/-0.423 χ^2/NDF : 1089240.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.746+/-0.306 χ^2/NDF : 2145155.7/31

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 126.071 $\pm$ 54.870 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.857 $\pm$ 55.481 χ^2 /NDF: 15.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

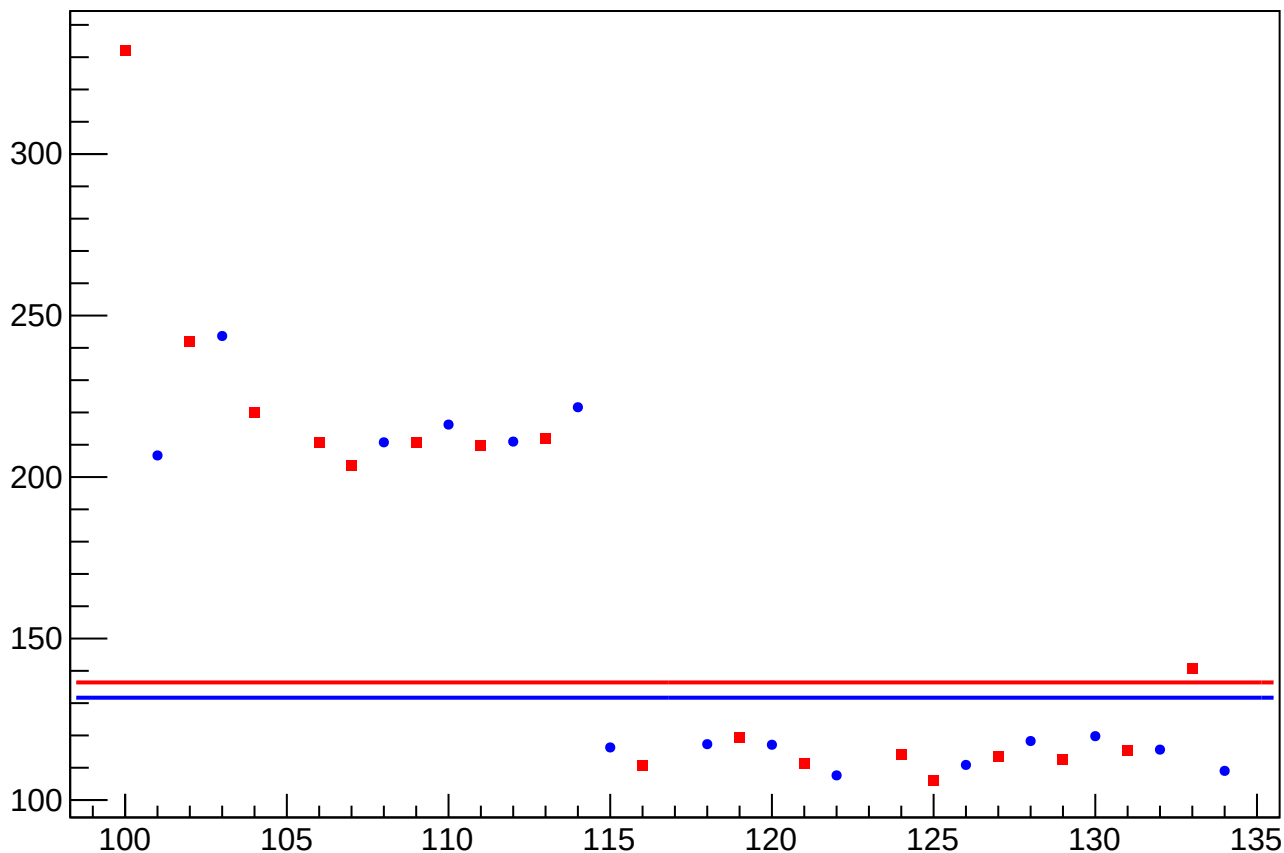
Right: 103.714 $\pm$ 39.013 χ^2 /NDF: 28.4/31

In: 126.071 $\pm$ 54.870 χ^2 /NDF:12.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.714 $\pm$ 39.013 χ^2 /NDF: 28.4/31

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 131.686+/-0.039 χ^2/NDF : 997375.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.414+/-0.039 χ^2/NDF : 1182975.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

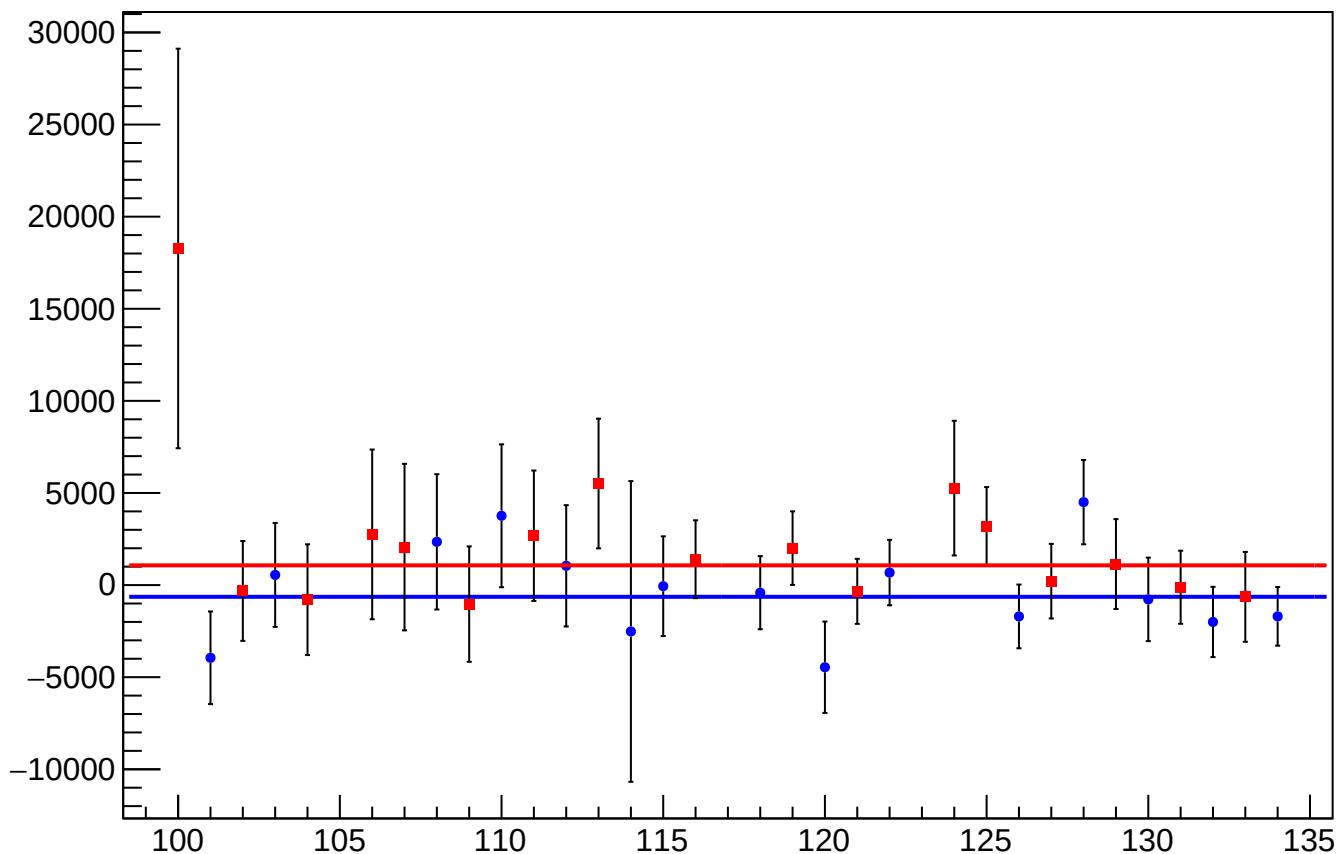
Right: 134.023+/-0.028 χ^2/NDF : 2187694.0/31

In: 131.686+/-0.039 χ^2/NDF : 997375.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.023+/-0.028 χ^2/NDF : 2187694.0/31

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -636.722+/-598.699 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1070.911+/-627.722 χ^2 /NDF: 9.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

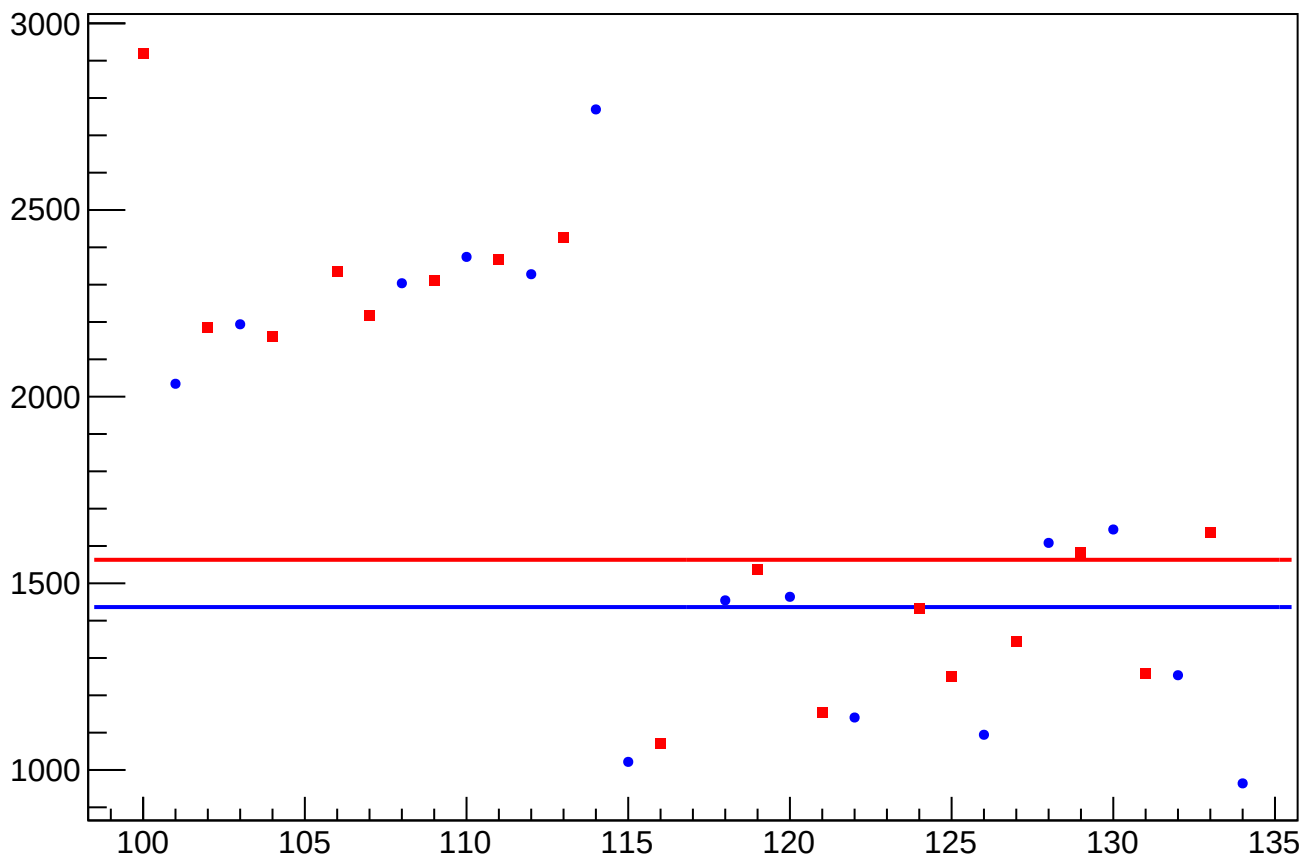
Right: 176.707+/-433.241 χ^2 /NDF: 27.2/31

In: -636.722+/-598.699 χ^2 /NDF:13.5/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 176.707+/-433.241 χ^2 /NDF: 27.2/31

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1436.393+/-0.423 χ^2/NDF : 1089271.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1563.014+/-0.444 χ^2/NDF : 984311.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

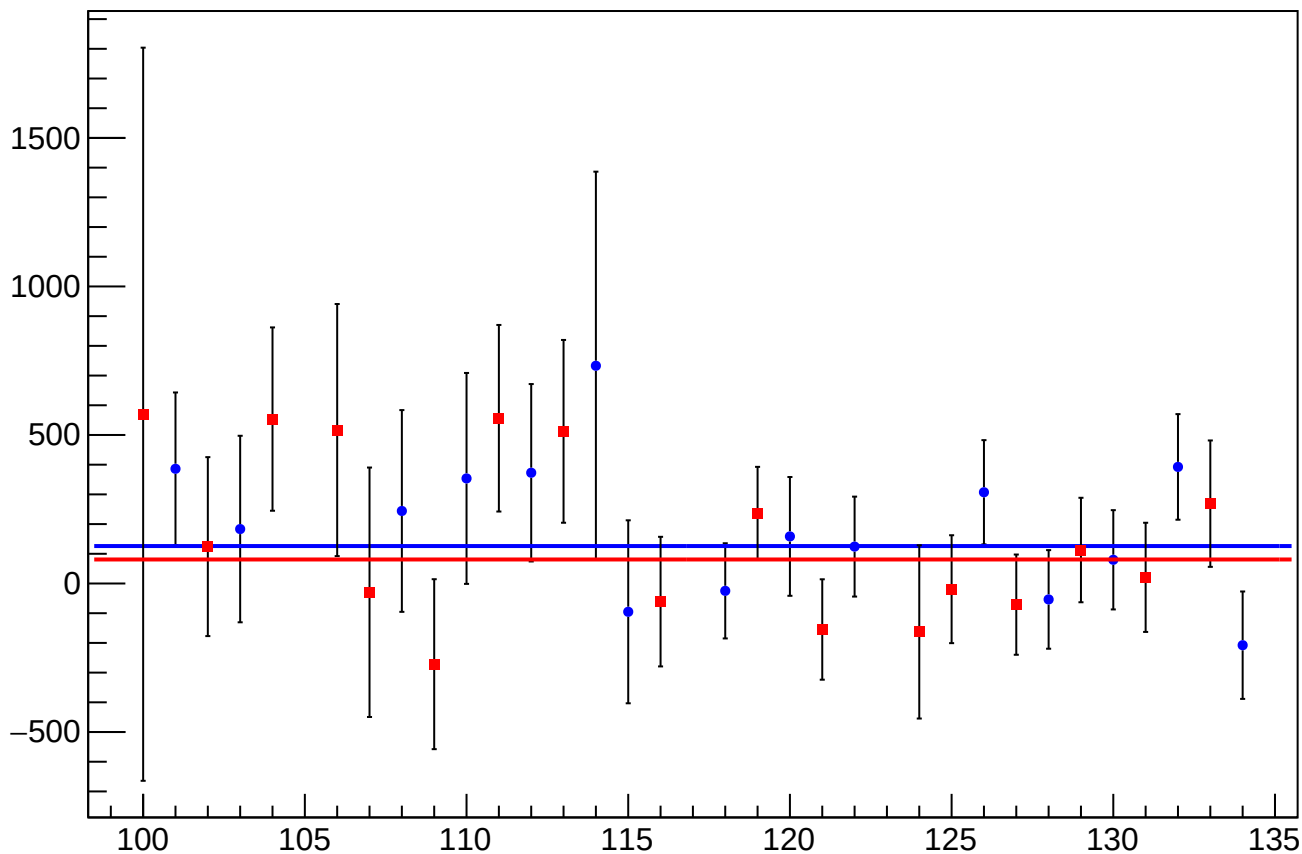
Right: 1496.709+/-0.306 χ^2/NDF : 2116195.6/31

In: 1436.393+/-0.423 χ^2/NDF : 1089271.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.709+/-0.306 χ^2/NDF : 2116195.6/31

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 126.071 $\pm$ 54.870 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.857 $\pm$ 55.481 χ^2 /NDF: 15.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

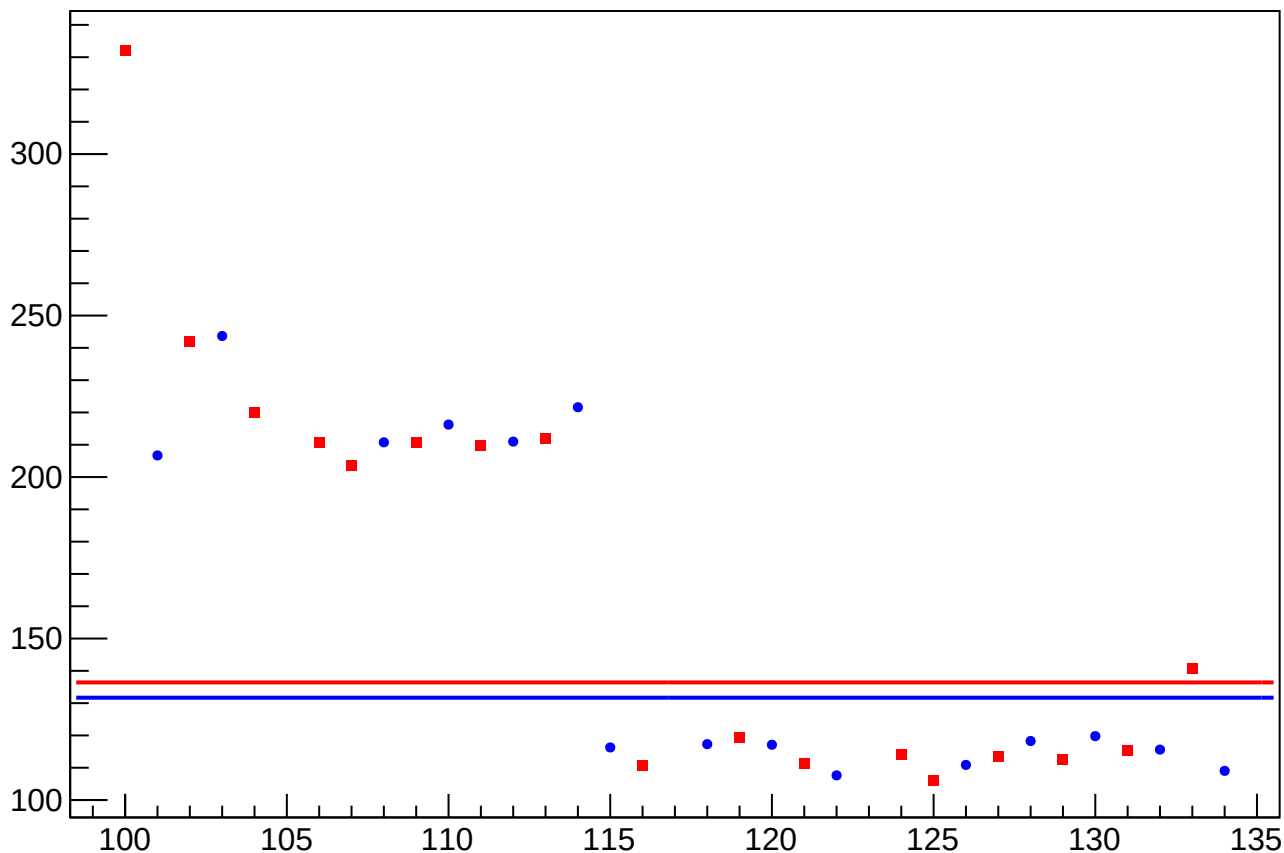
Right: 103.714 $\pm$ 39.013 χ^2 /NDF: 28.4/31

In: 126.071 $\pm$ 54.870 χ^2 /NDF:12.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.714 $\pm$ 39.013 χ^2 /NDF: 28.4/31

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 131.686+/-0.039 χ^2/NDF : 997375.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.414+/-0.039 χ^2/NDF : 1182975.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

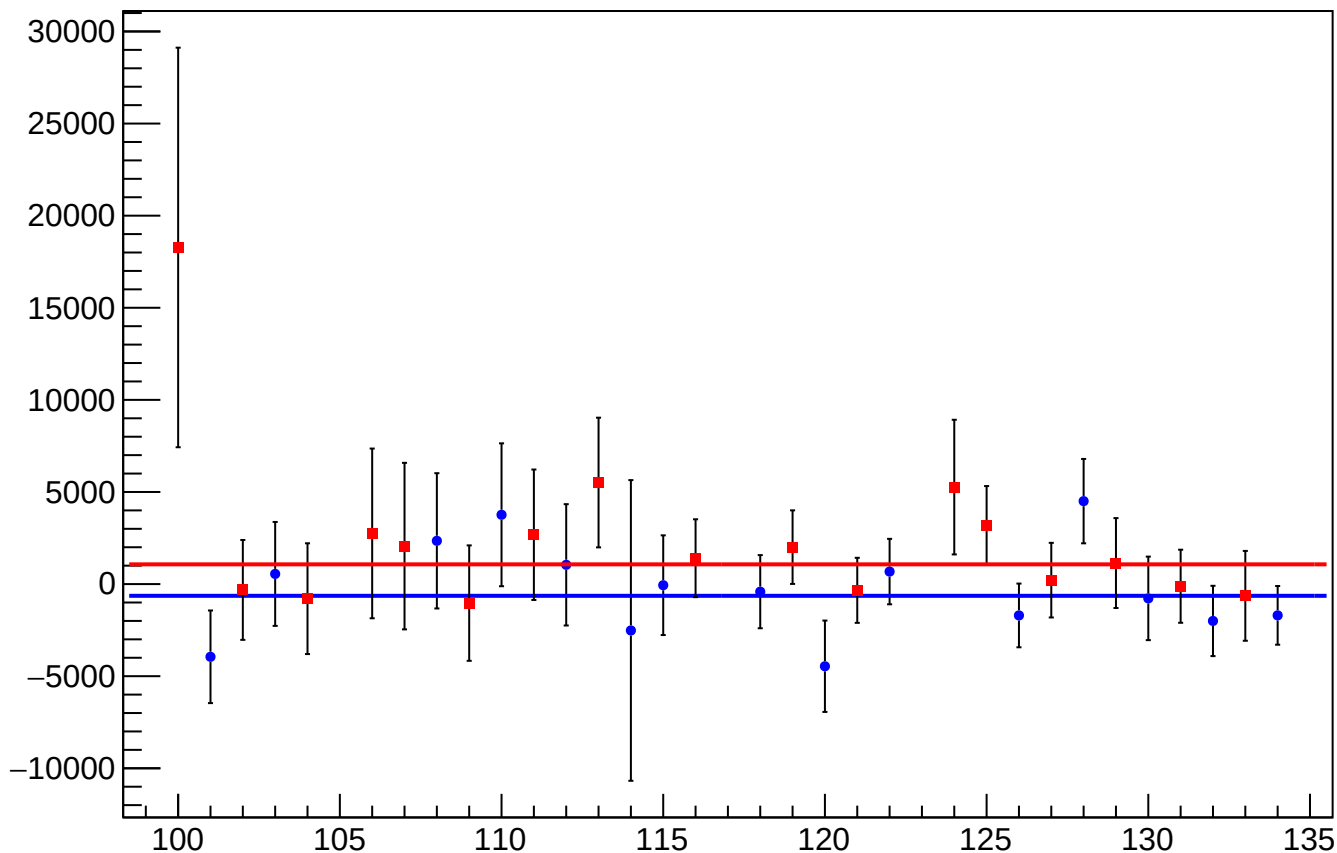
Right: 134.023+/-0.028 χ^2/NDF : 2187694.0/31

In: 131.686+/-0.039 χ^2/NDF : 997375.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.023+/-0.028 χ^2/NDF : 2187694.0/31

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -636.722+/-598.699 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1070.911+/-627.722 χ^2 /NDF: 9.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

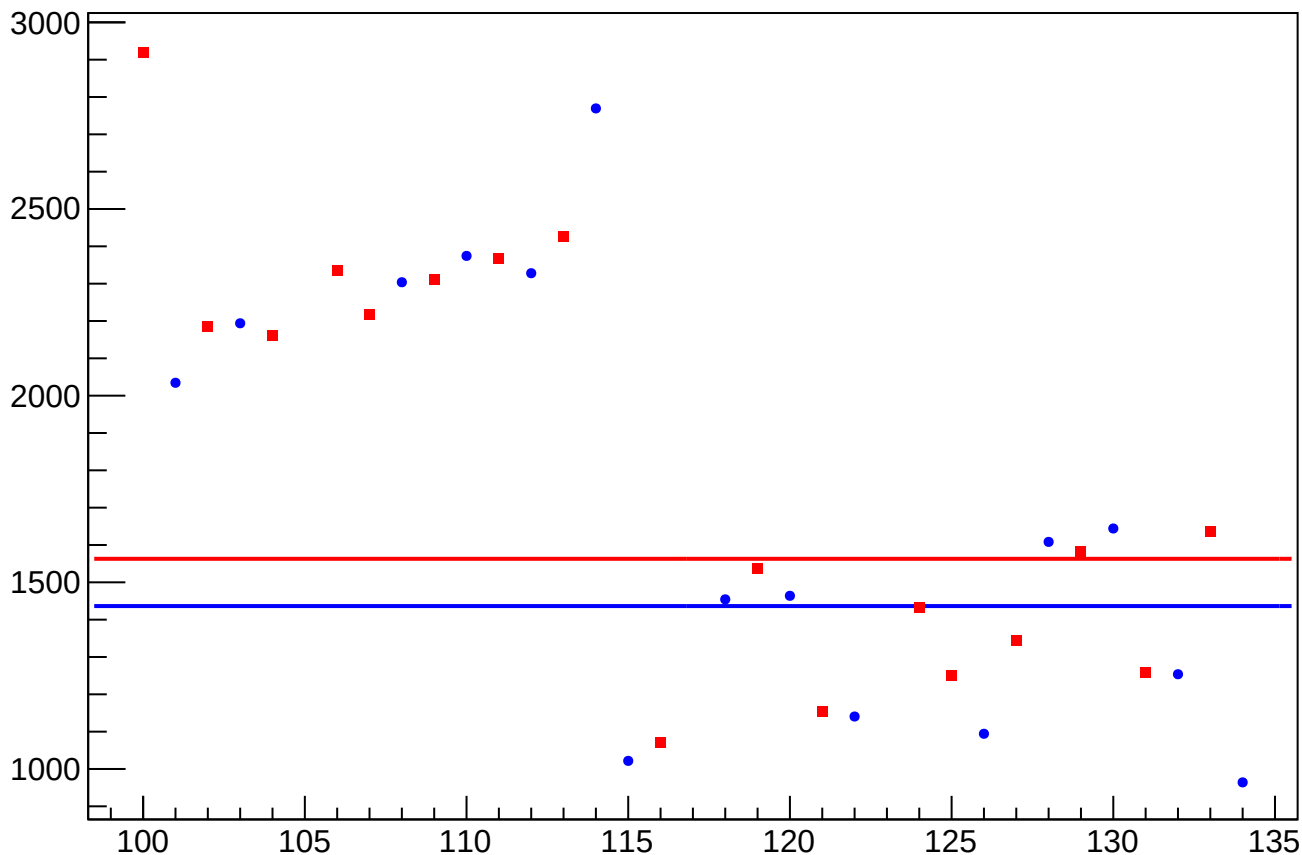
Right: 176.707+/-433.241 χ^2 /NDF: 27.2/31

In: -636.722+/-598.699 χ^2 /NDF:13.5/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 176.707+/-433.241 χ^2 /NDF: 27.2/31

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1436.393+/-0.423 χ^2/NDF : 1089271.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1563.014+/-0.444 χ^2/NDF : 984311.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

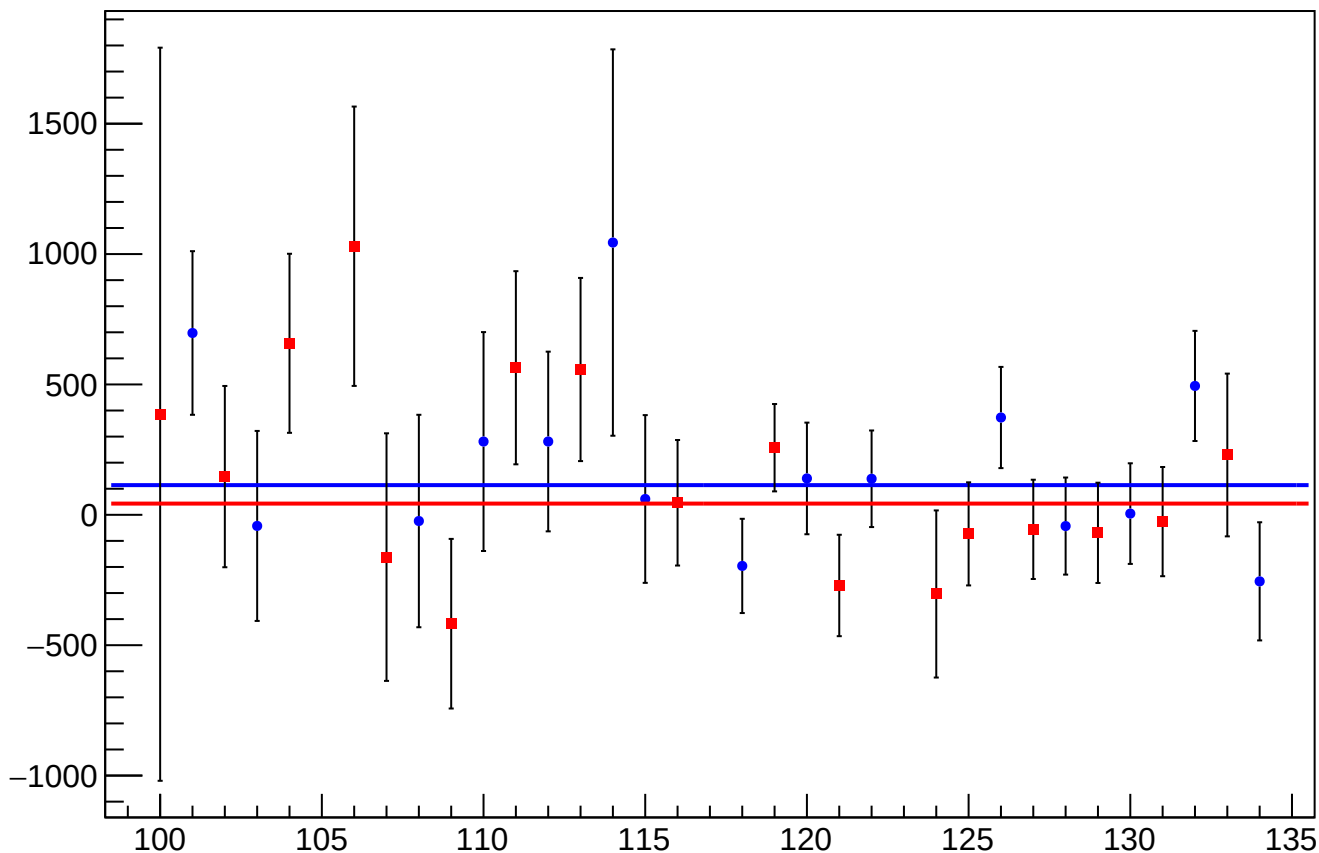
Right: 1496.709+/-0.306 χ^2/NDF : 2116195.6/31

In: 1436.393+/-0.423 χ^2/NDF : 1089271.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.709+/-0.306 χ^2/NDF : 2116195.6/31

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 113.871 $\pm$ 62.614 χ^2 /NDF: 17.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.068 $\pm$ 62.941 χ^2 /NDF: 19.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

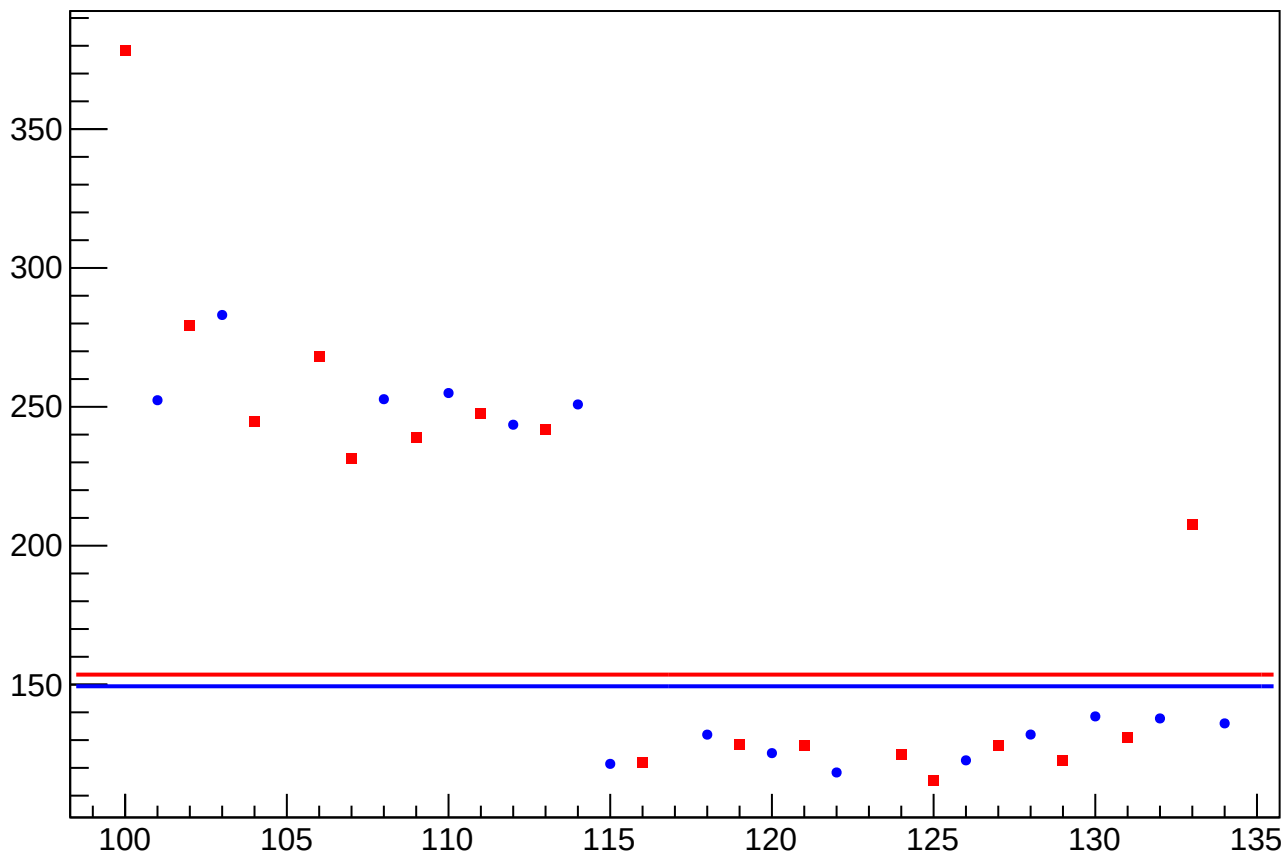
Right: 78.654 $\pm$ 44.390 χ^2 /NDF: 38.0/31

In: 113.871 $\pm$ 62.614 χ^2 /NDF:17.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.654 $\pm$ 44.390 χ^2 /NDF: 38.0/31

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 149.378+/-0.044 χ^2/NDF : 1116606.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.582+/-0.045 χ^2/NDF : 1367237.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

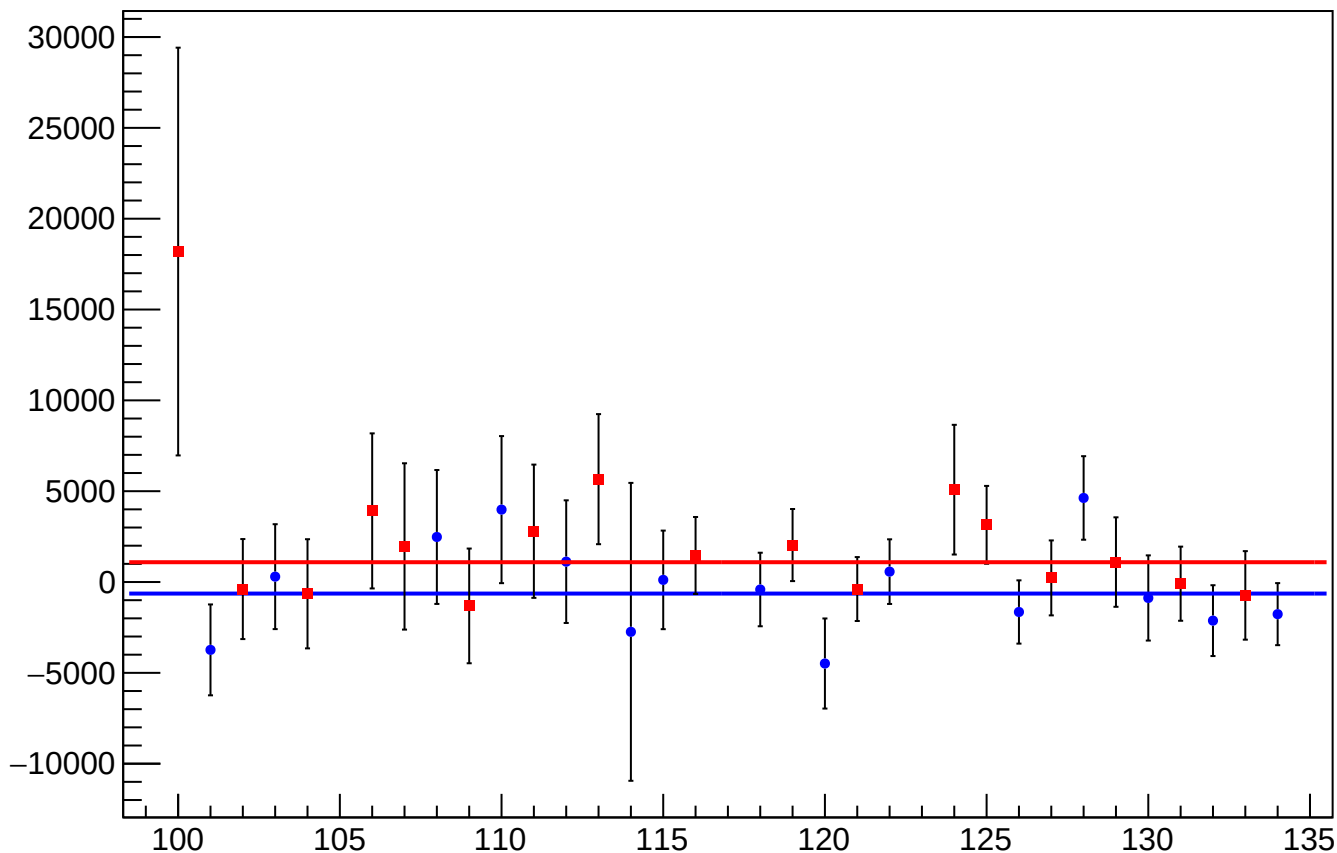
Right: 151.469+/-0.031 χ^2/NDF : 2488327.6/31

In: 149.378+/-0.044 χ^2/NDF : 1116606.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.469+/-0.031 χ^2/NDF : 2488327.6/31

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -635.538+/-610.619 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1090.541+/-631.179 χ^2/NDF : 10.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

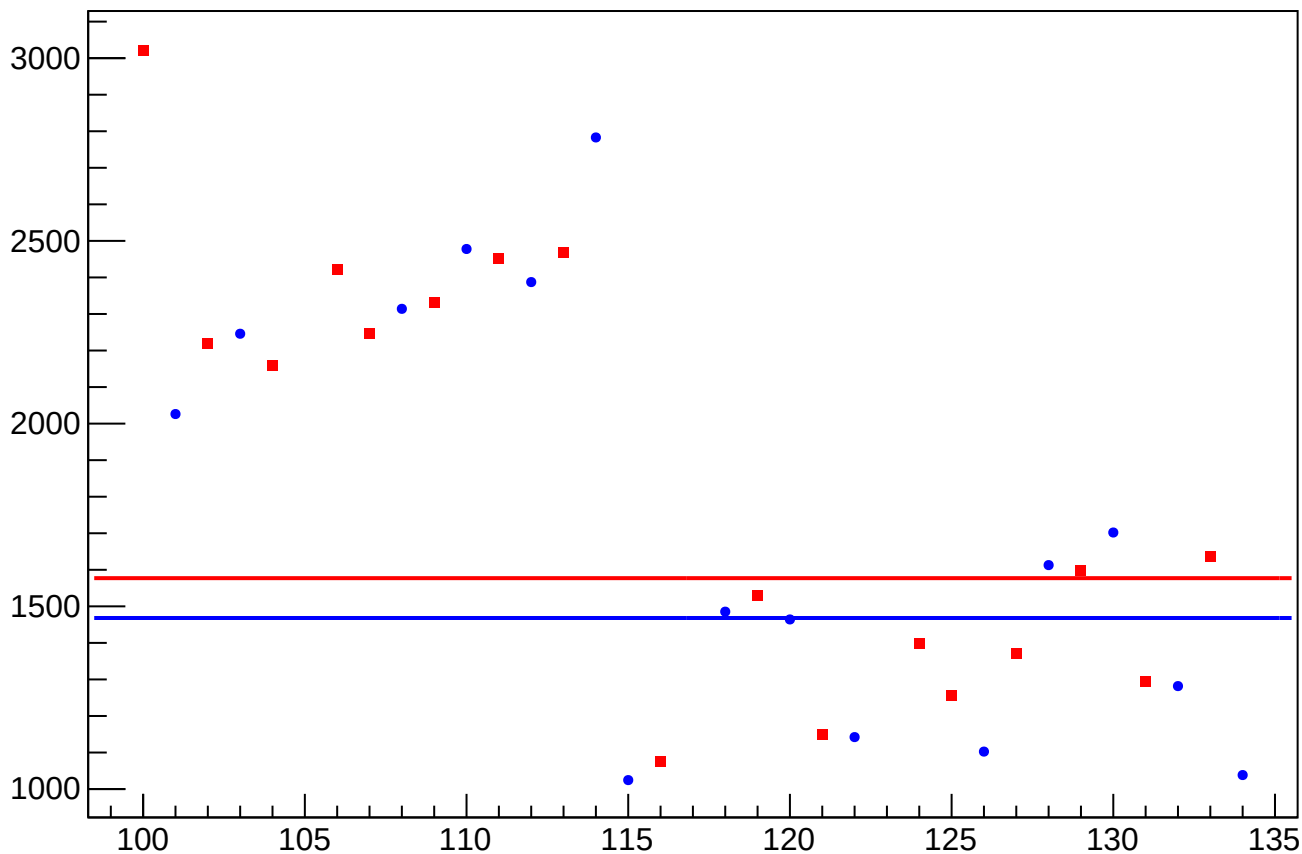
Right: 198.931+/-438.861 χ^2/NDF : 27.5/31

In: -635.538+/-610.619 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.931+/-438.861 χ^2/NDF : 27.5/31

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1468.125+/-0.432 χ^2/NDF : 1055721.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1577.149+/-0.446 χ^2/NDF : 1029841.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

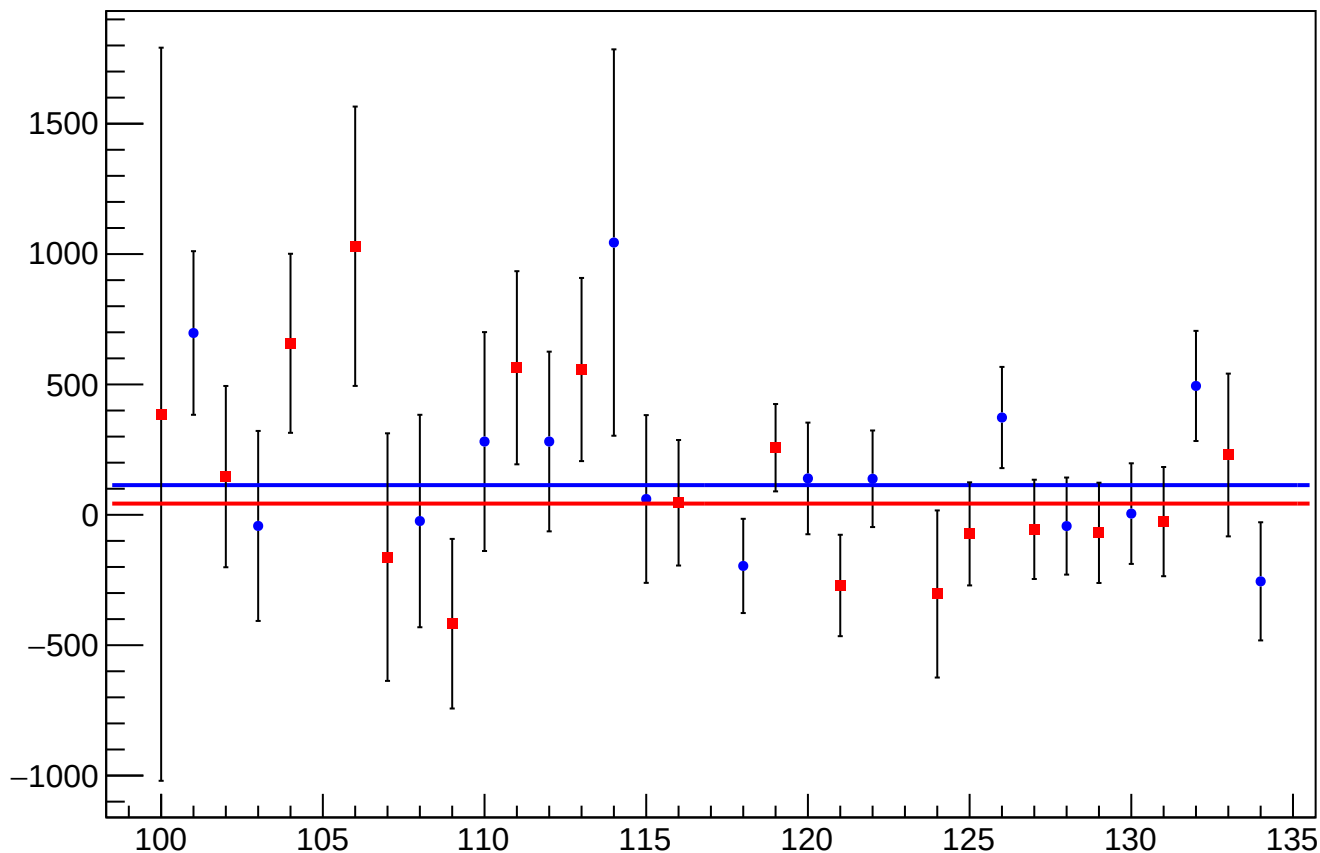
Right: 1520.833+/-0.310 χ^2/NDF : 2116386.8/31

In: 1468.125+/-0.432 χ^2/NDF : 1055721.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1520.833+/-0.310 χ^2/NDF : 2116386.8/31

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 113.872 $\pm$ 62.614 χ^2 /NDF: 17.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.068 $\pm$ 62.940 χ^2 /NDF: 19.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

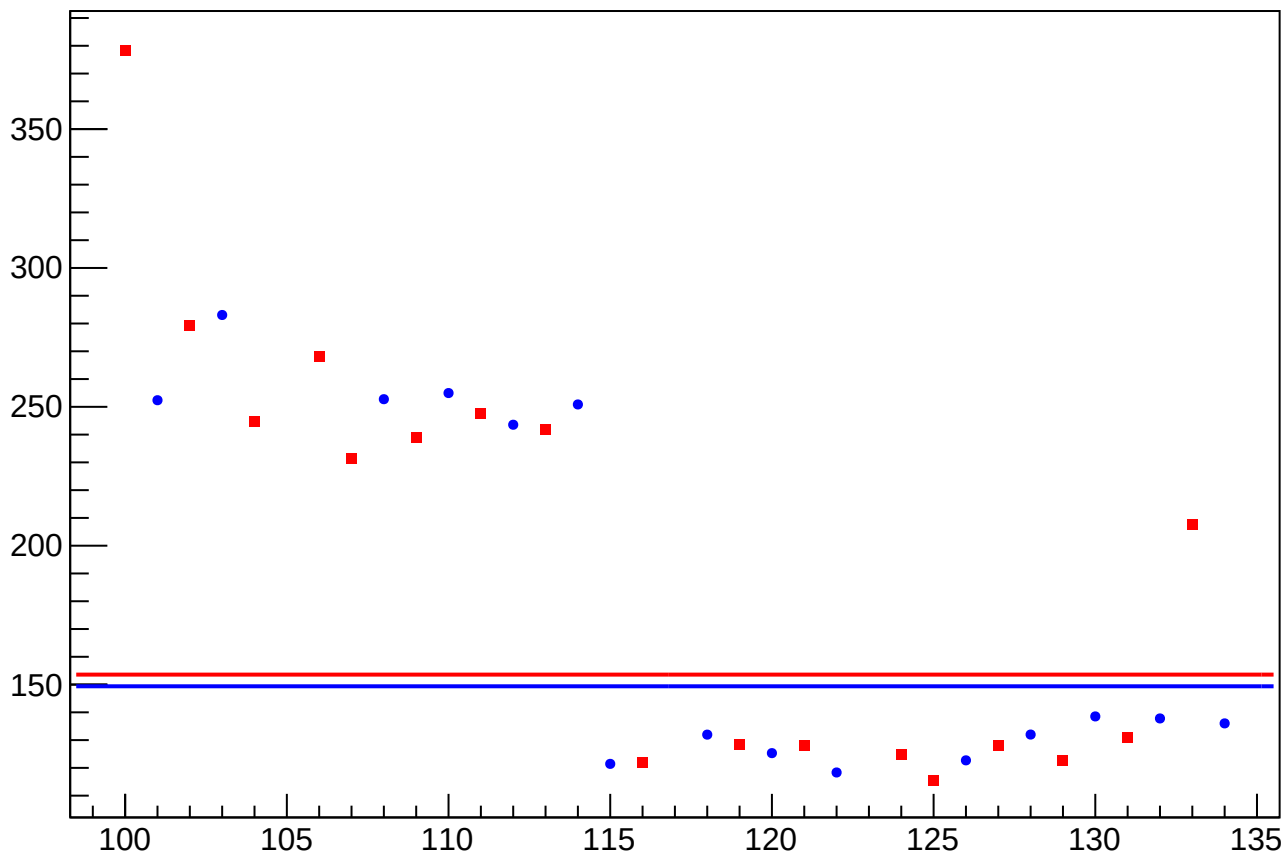
Right: 78.654 $\pm$ 44.390 χ^2 /NDF: 38.0/31

In: 113.872 $\pm$ 62.614 χ^2 /NDF:17.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.654 $\pm$ 44.390 χ^2 /NDF: 38.0/31

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 149.377+/-0.044 χ^2/NDF : 1116598.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.581+/-0.045 χ^2/NDF : 1367225.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

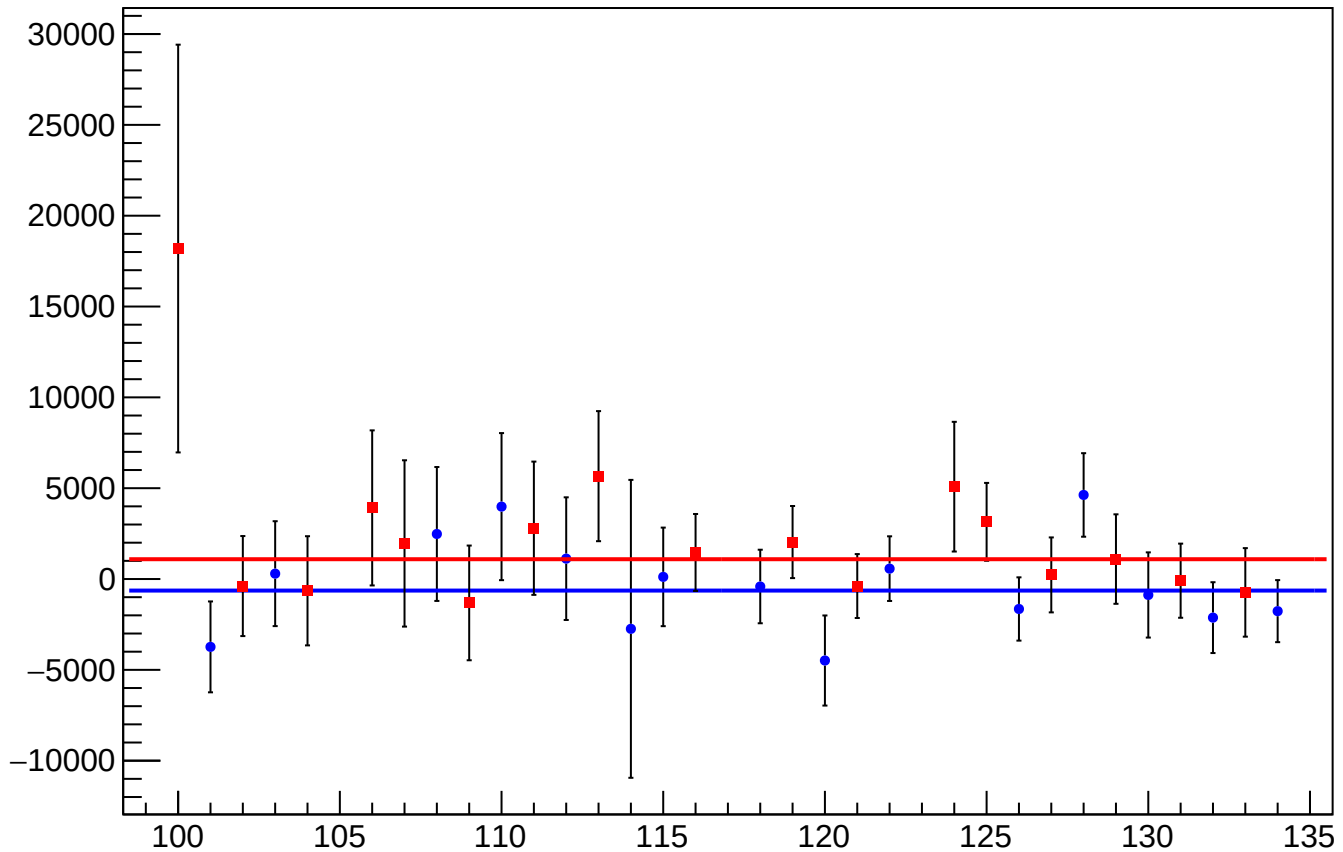
Right: 151.468+/-0.031 χ^2/NDF : 2488308.8/31

In: 149.377+/-0.044 χ^2/NDF : 1116598.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.468+/-0.031 χ^2/NDF : 2488308.8/31

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -635.537 $\pm$ 610.617 χ^2 /NDF: 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1090.539 $\pm$ 631.178 χ^2 /NDF: 10.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

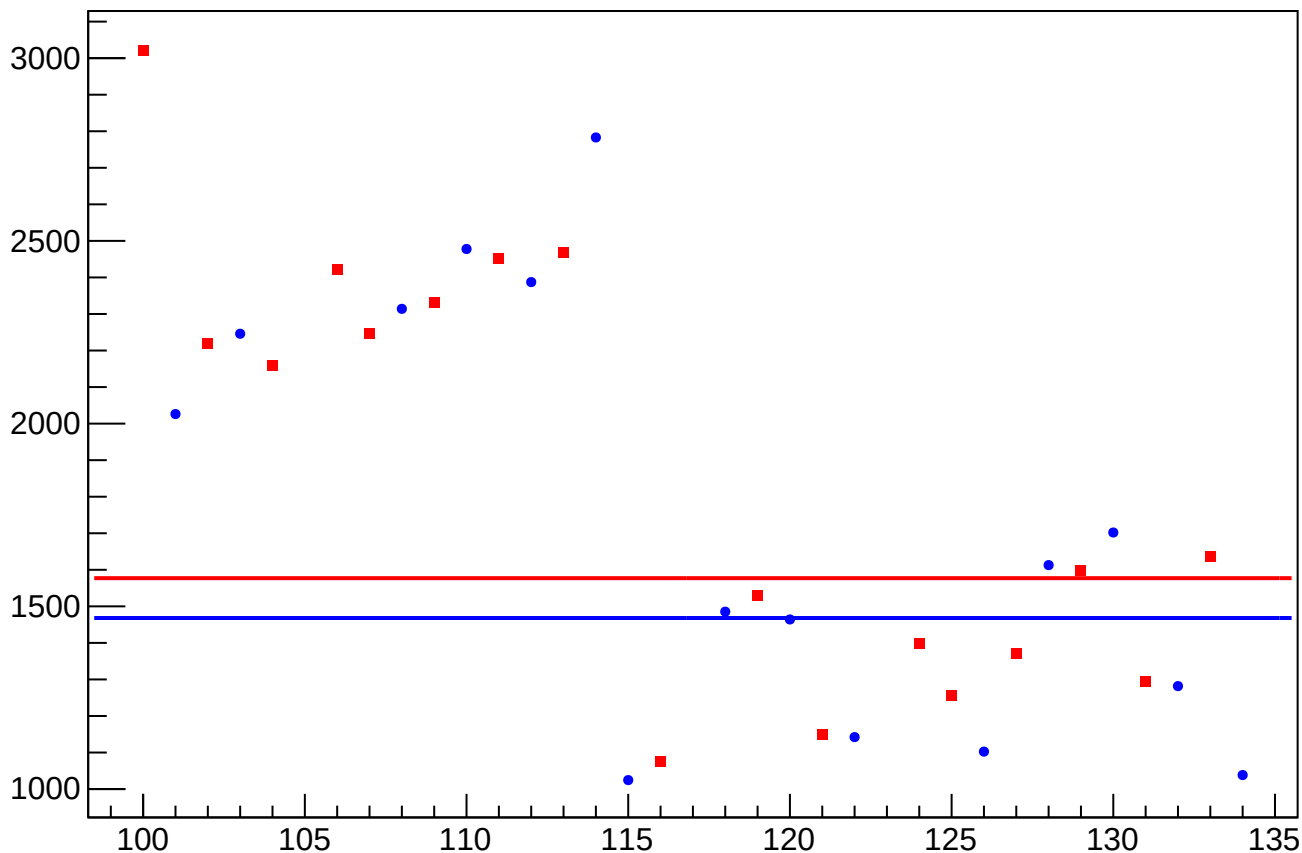
Right: 198.930 $\pm$ 438.860 χ^2 /NDF: 27.5/31

In: -635.537 $\pm$ 610.617 χ^2 /NDF:13.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 198.930 $\pm$ 438.860 χ^2 /NDF: 27.5/31

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1468.123+/-0.432 χ^2/NDF : 1055708.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1577.146+/-0.446 χ^2/NDF : 1029832.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

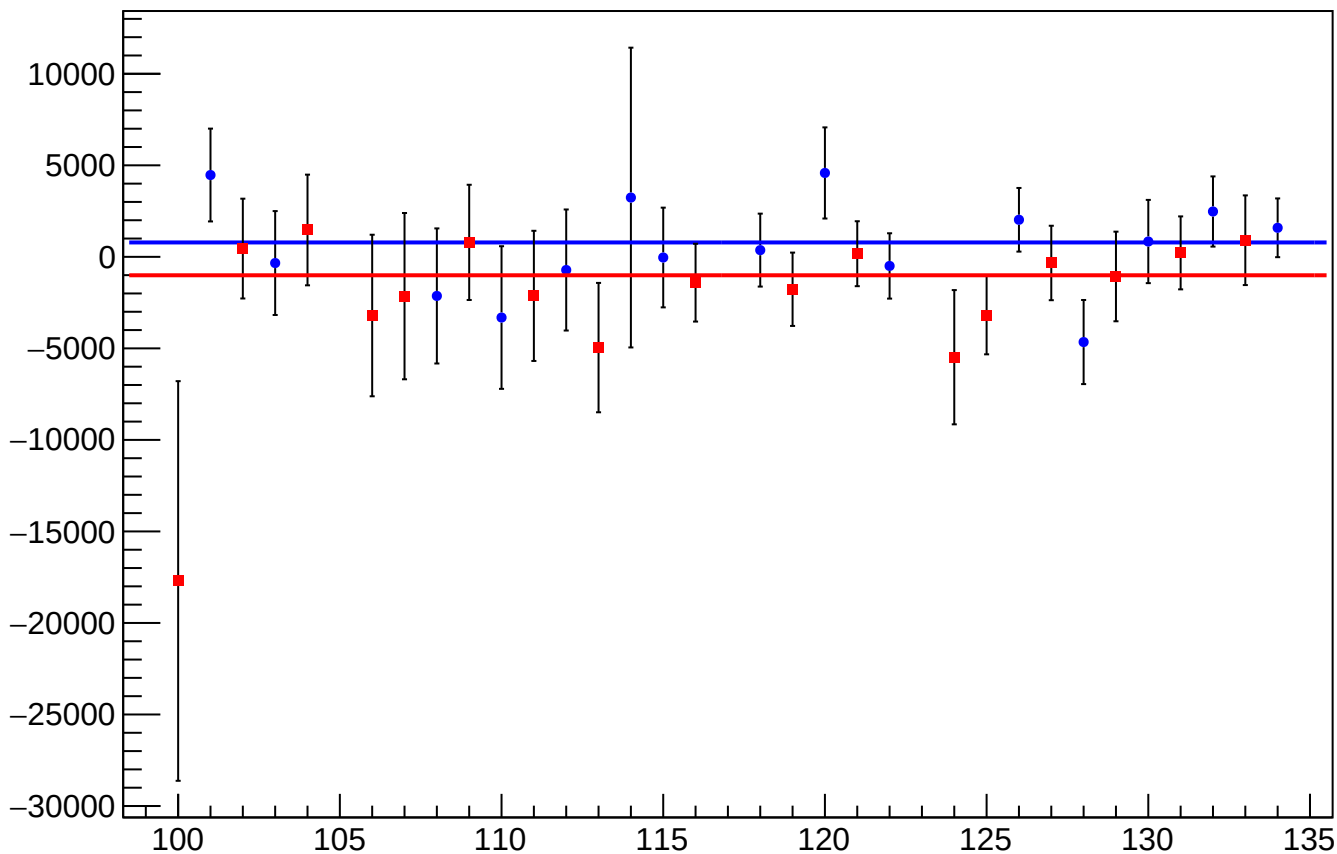
Right: 1520.830+/-0.310 χ^2/NDF : 2116364.2/31

In: 1468.123+/-0.432 χ^2/NDF :1055708.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1520.830+/-0.310 χ^2/NDF : 2116364.2/31

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 786.550+/-601.781 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1006.562+/-629.887 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

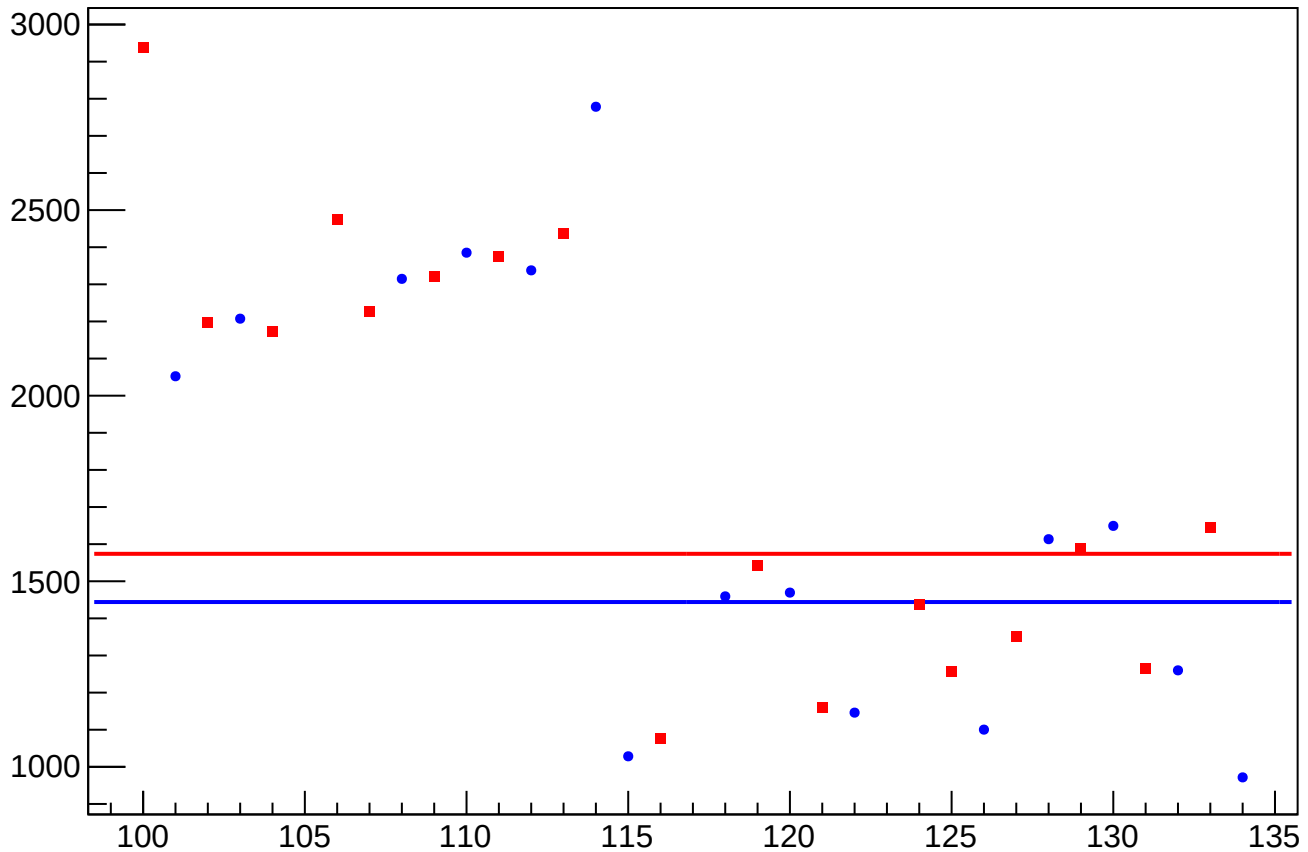
Right: -69.109+/-435.121 χ^2/NDF : 28.2/31

In: 786.550+/-601.781 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.109+/-435.121 χ^2/NDF : 28.2/31

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1444.040+/-0.426 χ^2/NDF : 1086835.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.943+/-0.445 χ^2/NDF : 1011868.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

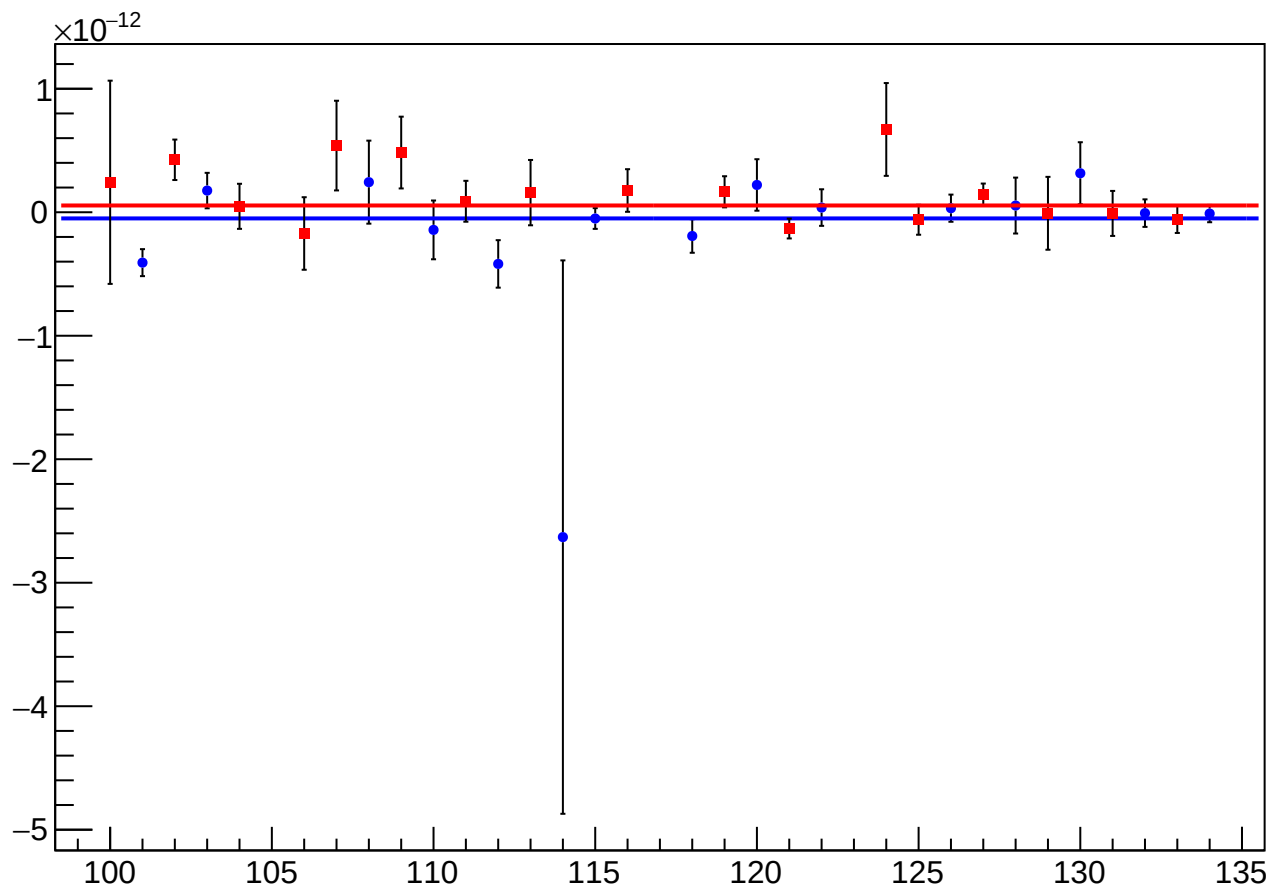
Right: 1506.029+/-0.308 χ^2/NDF : 2143175.4/31

In: 1444.040+/-0.426 χ^2/NDF : 1086835.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.029+/-0.308 χ^2/NDF : 2143175.4/31

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 25.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 22.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

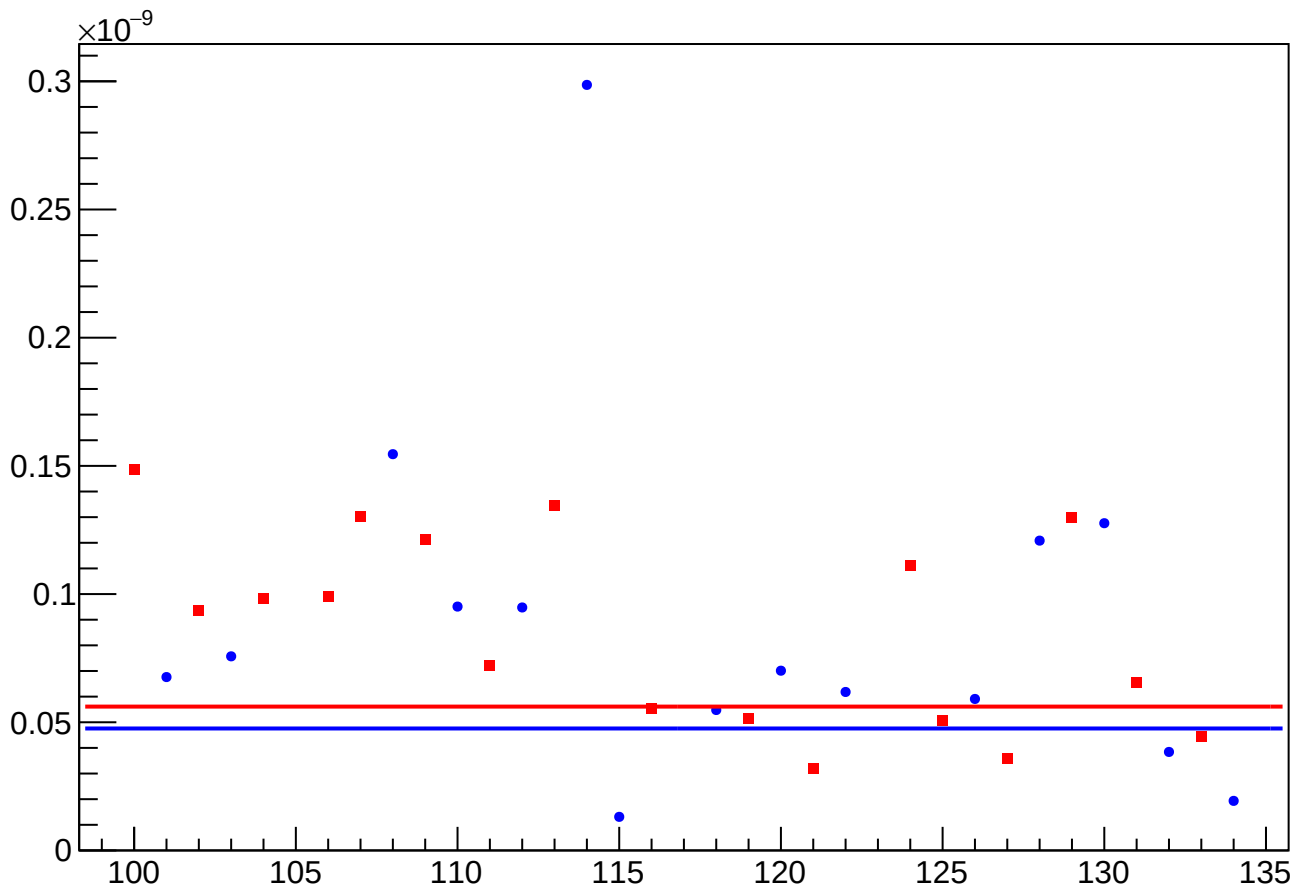
Right: -0.000 ± 0.000 χ^2/NDF : 52.2/31

In: -0.000 ± 0.000 χ^2/NDF : 25.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 52.2/31

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1729304.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1140722.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

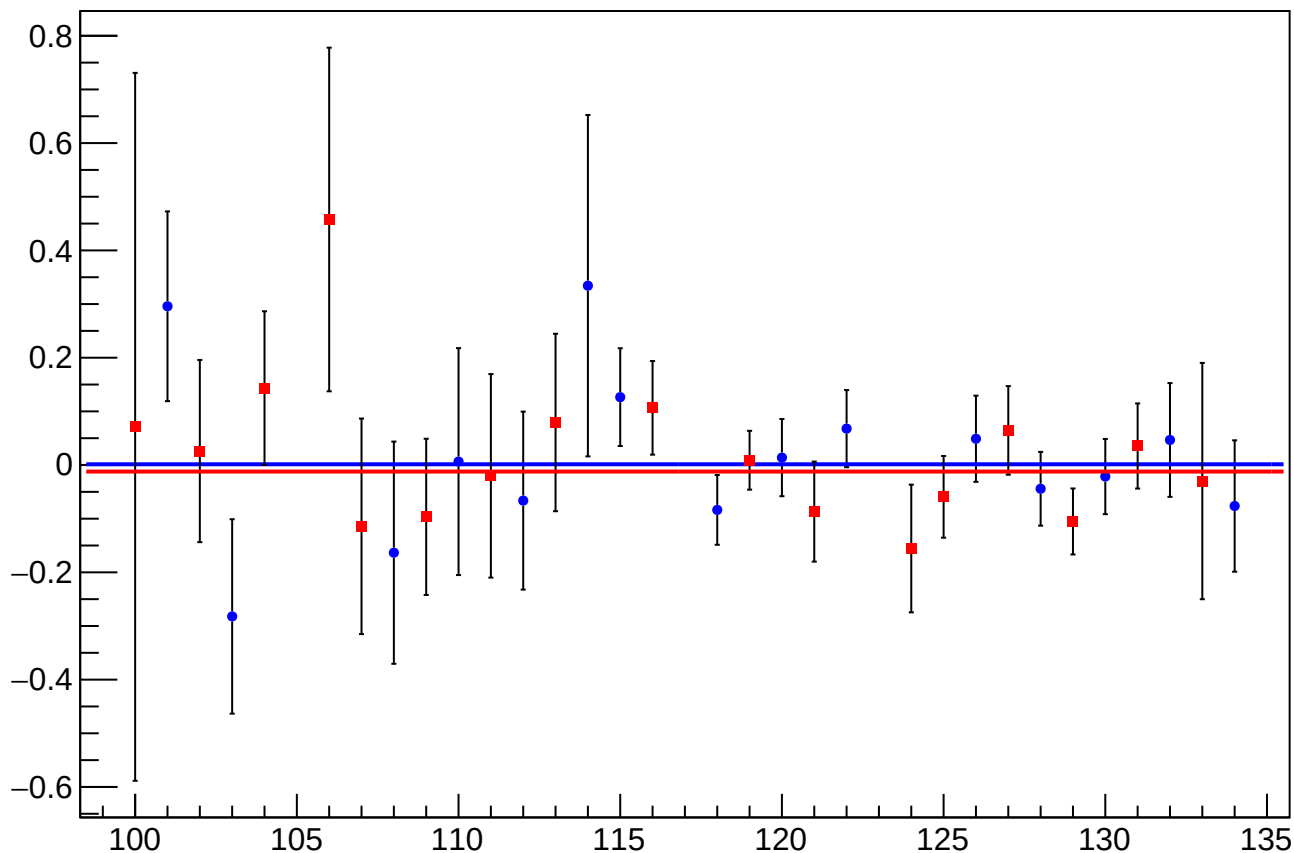
Right: 0.000+/-0.000 χ^2/NDF : 2927088.6/31

In: 0.000+/-0.000 χ^2/NDF : 1729304.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2927088.6/31

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 ± 0.025 $\chi^2/\text{NDF}: 13.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.012 ± 0.025 $\chi^2/\text{NDF}: 12.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

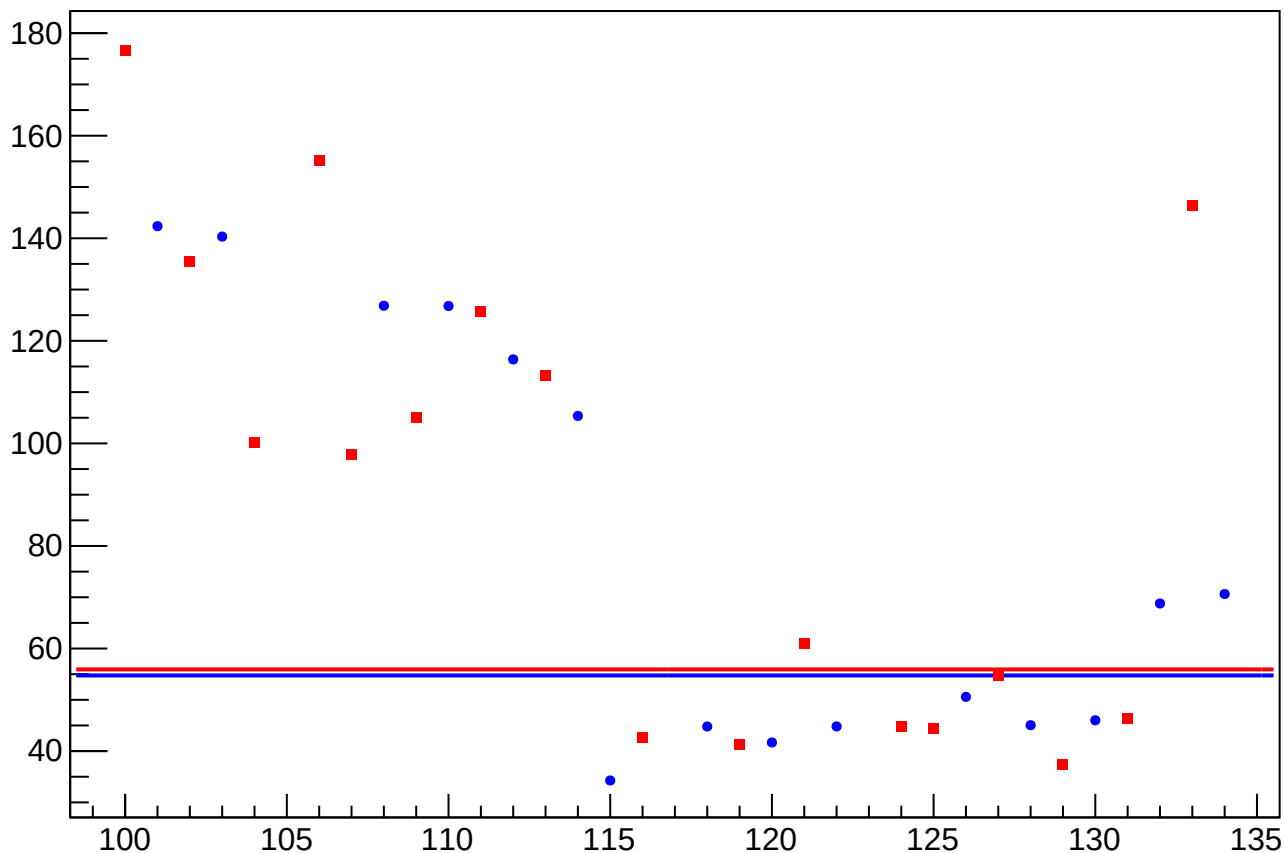
Right: -0.005 ± 0.017 $\chi^2/\text{NDF}: 25.5/31$

In: 0.001 ± 0.025 $\chi^2/\text{NDF}: 13.1/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.005 ± 0.017 $\chi^2/\text{NDF}: 25.5/31$

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.750+/-0.018 χ^2/NDF : 2135678.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.928+/-0.017 χ^2/NDF : 2523440.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

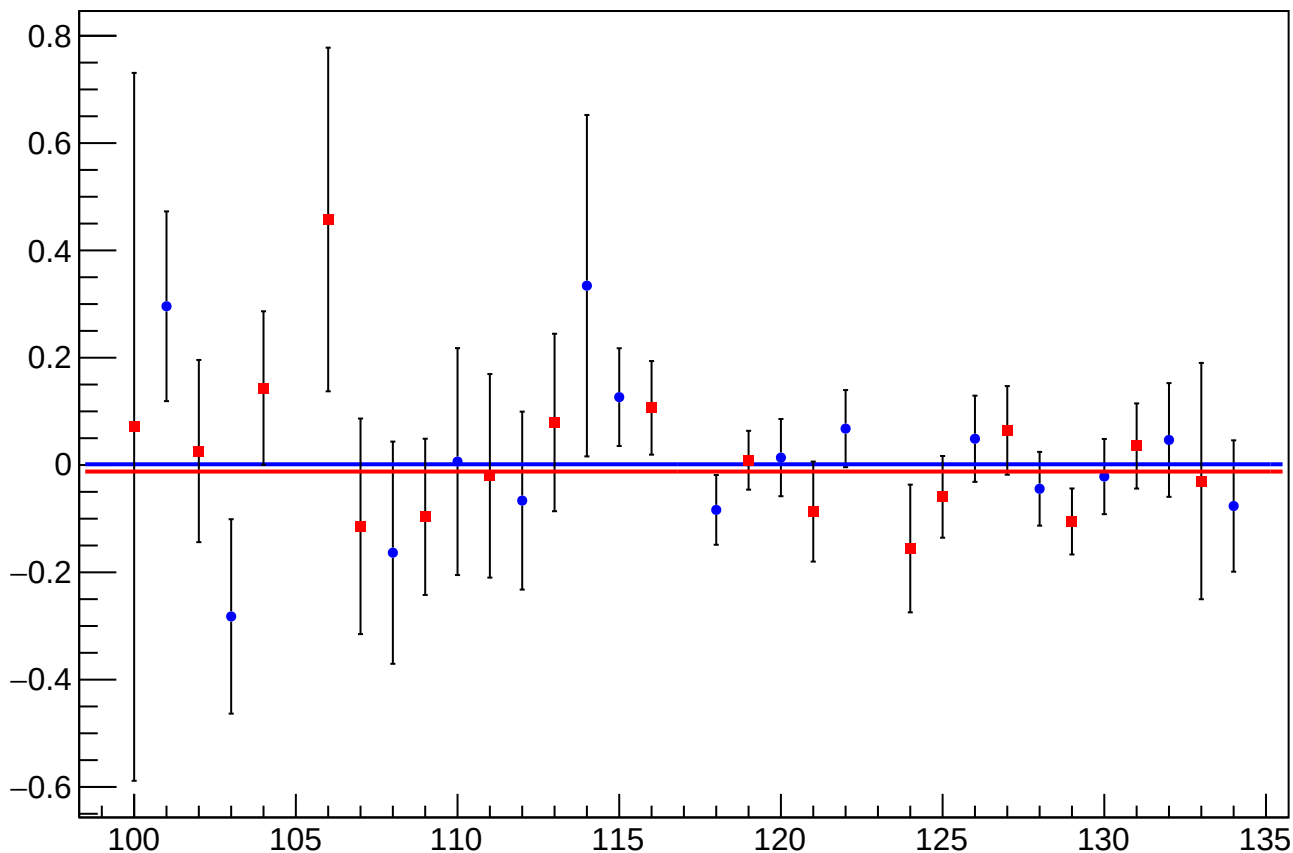
Right: 55.342+/-0.012 χ^2/NDF : 4661388.7/31

In: 54.750+/-0.018 χ^2/NDF :2135678.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661388.7/31

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.025 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.025 χ^2/NDF : 12.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

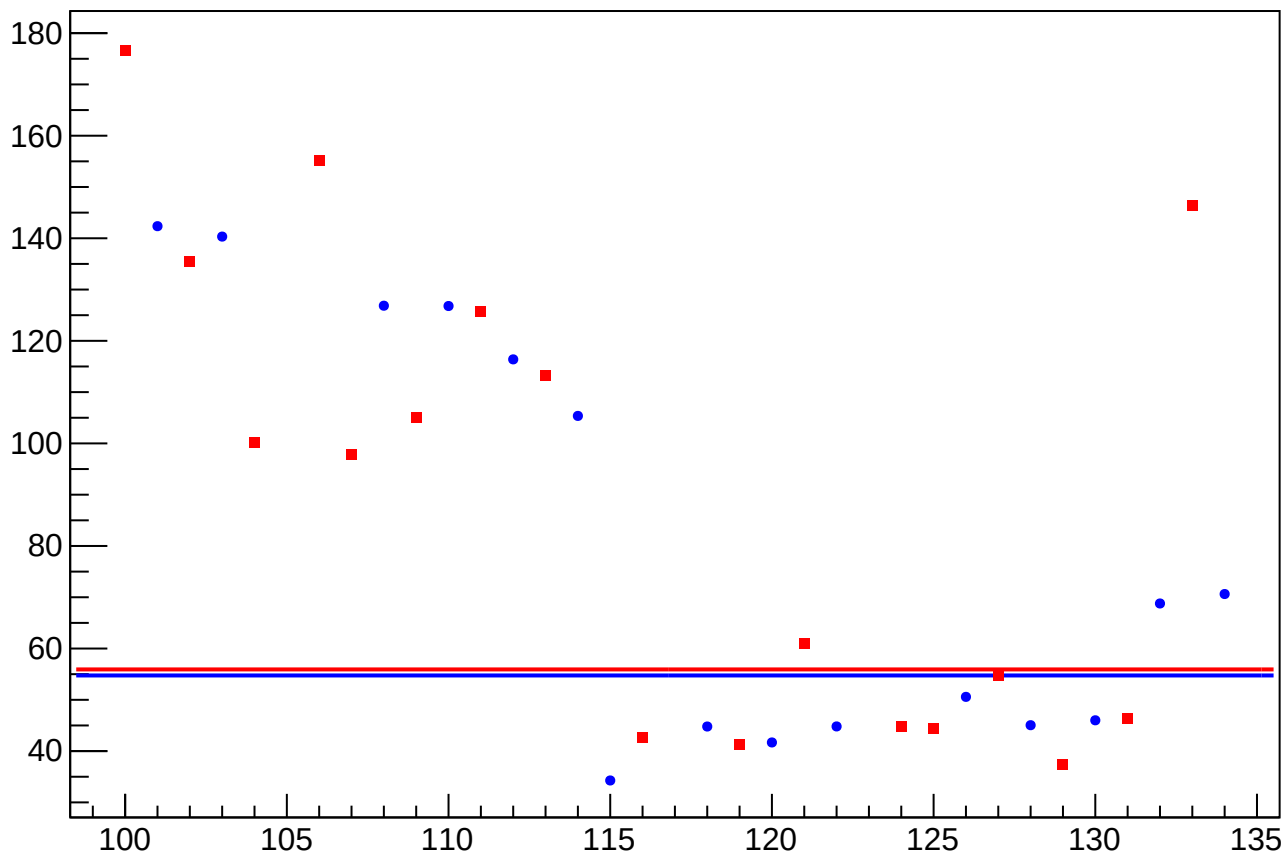
Right: -0.005+/-0.017 χ^2/NDF : 25.5/31

In: 0.001+/-0.025 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.5/31

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.750+/-0.018 χ^2/NDF : 2135678.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.928+/-0.017 χ^2/NDF : 2523440.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

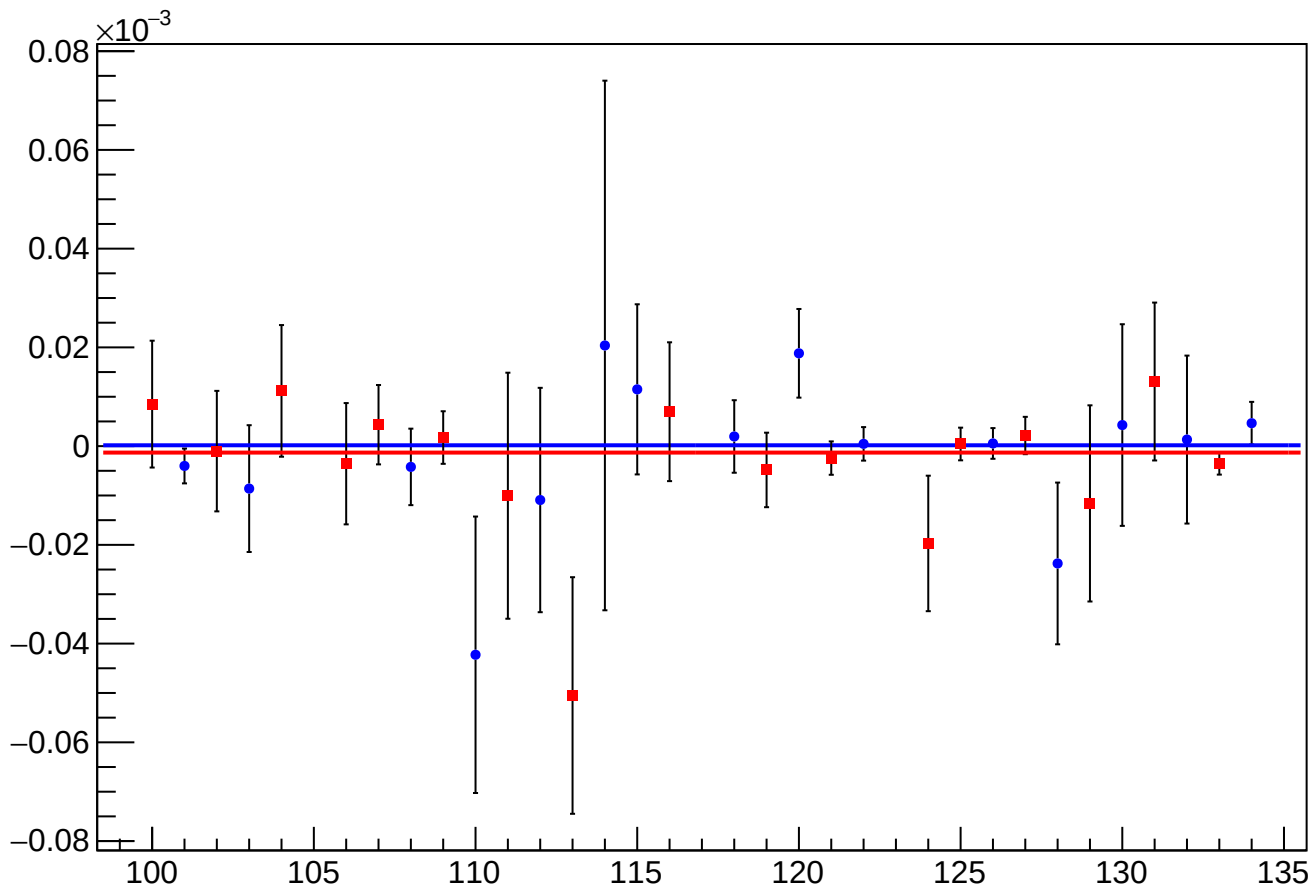
Right: 55.342+/-0.012 χ^2/NDF : 4661388.7/31

In: 54.750+/-0.018 χ^2/NDF :2135678.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661388.7/31

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

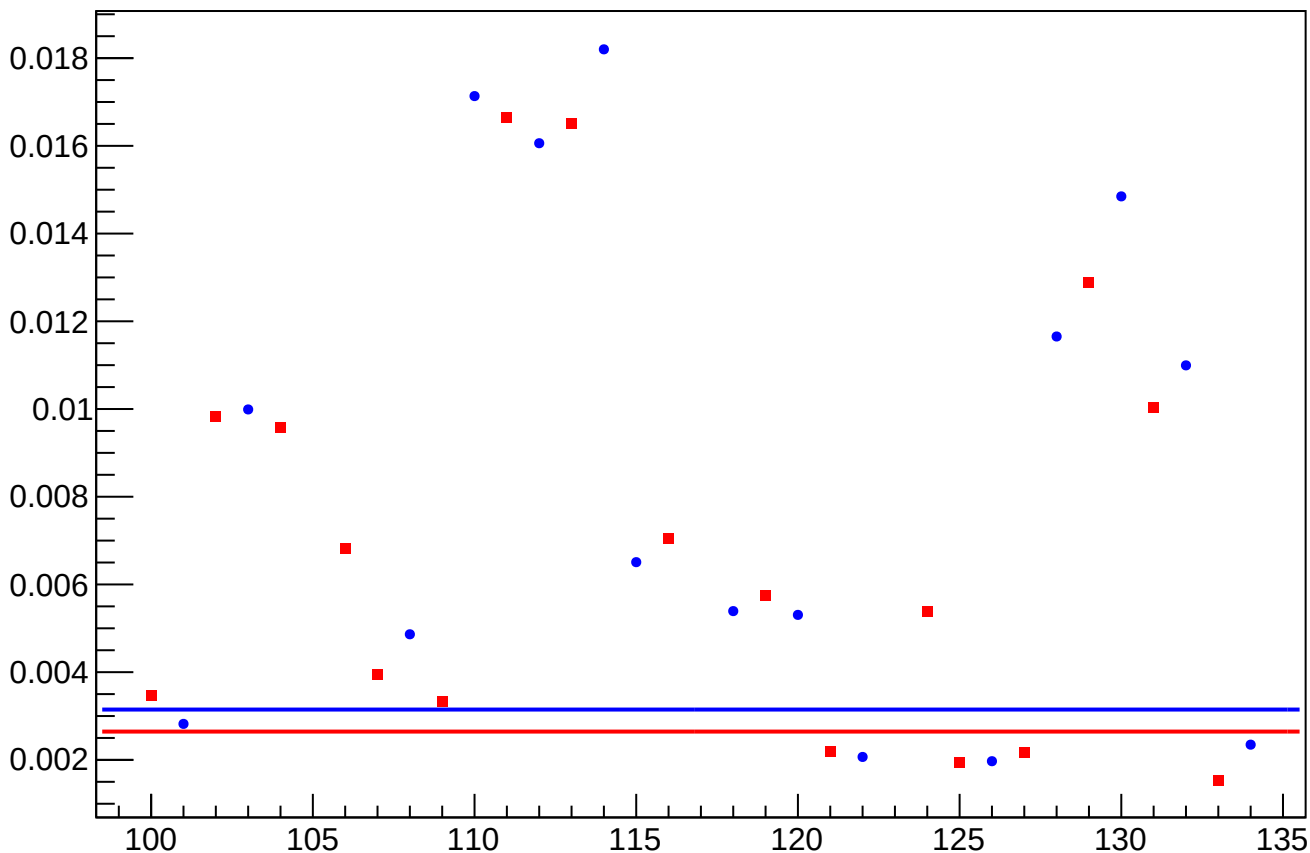
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.7/31

In: 0.000 $\pm$ 0.000 χ^2 /NDF:12.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.7/31

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 4543643.1/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5079579.6/16

Left 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 : 9739629.0/31

In: 0.003+/-0.000

χ^2/NDF :4543643.1/14

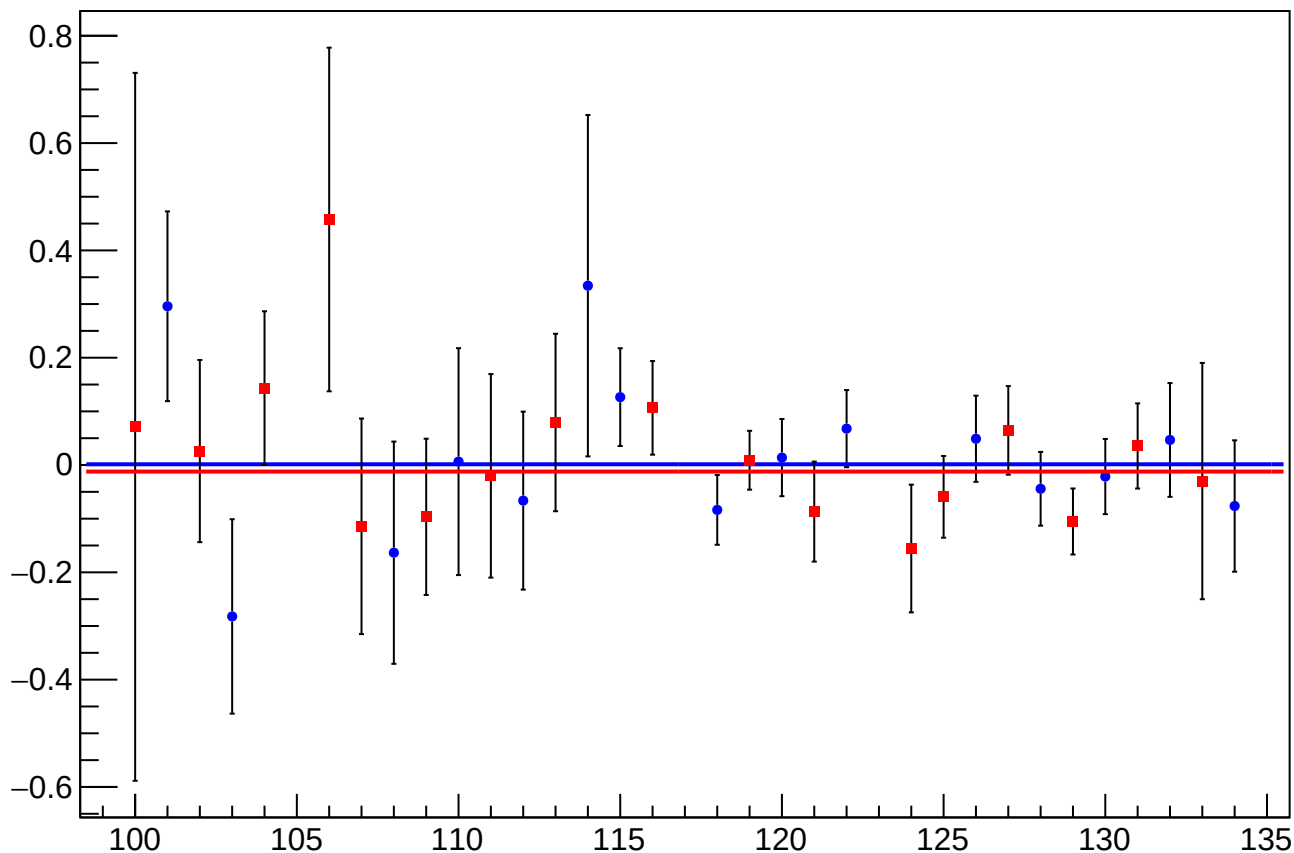
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.003+/-0.000

χ^2/NDF : 9739629.0/31

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

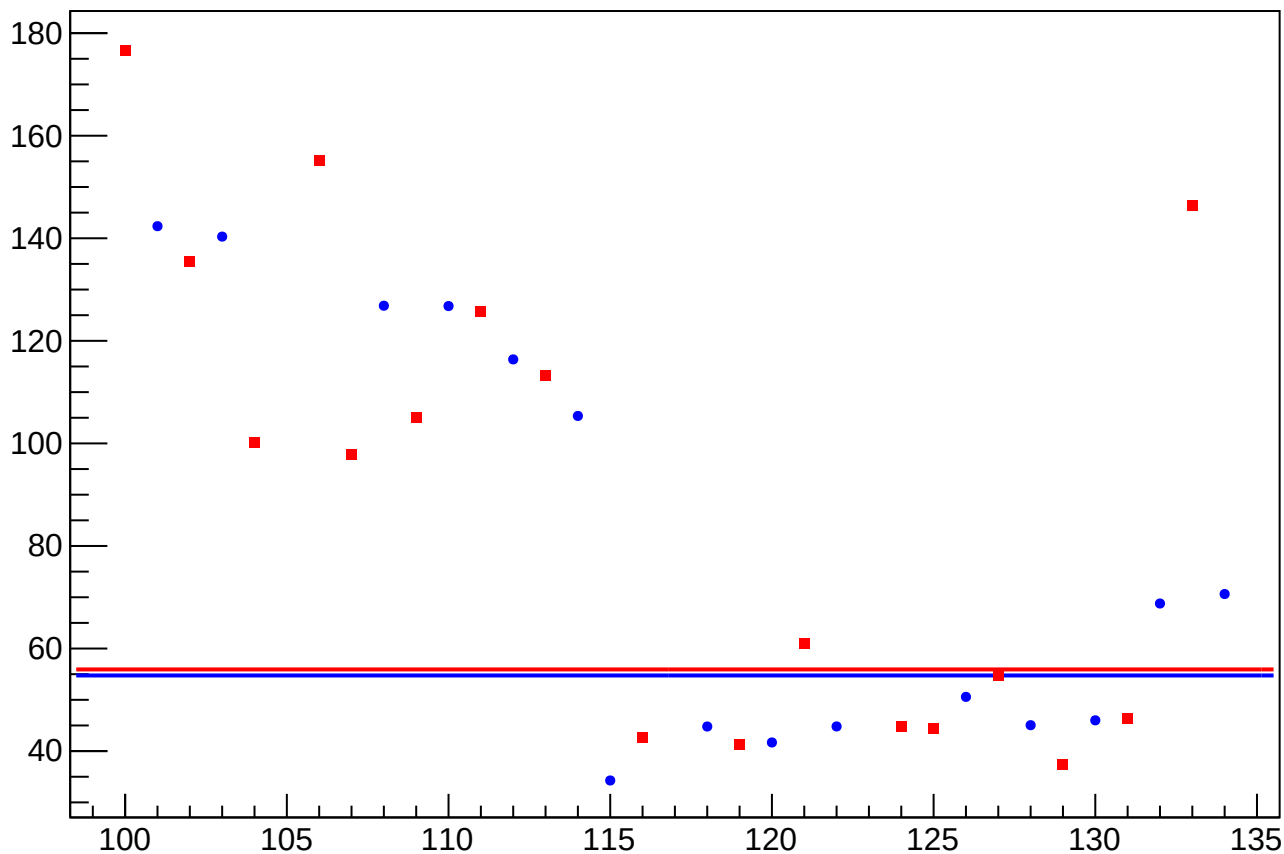
Right: -0.005 $\pm$ 0.017 χ^2 /NDF: 25.5/31

In: 0.001 $\pm$ 0.025 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.017 χ^2 /NDF: 25.5/31

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.749+/-0.018 χ^2/NDF : 2135603.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.927+/-0.017 χ^2/NDF : 2523383.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

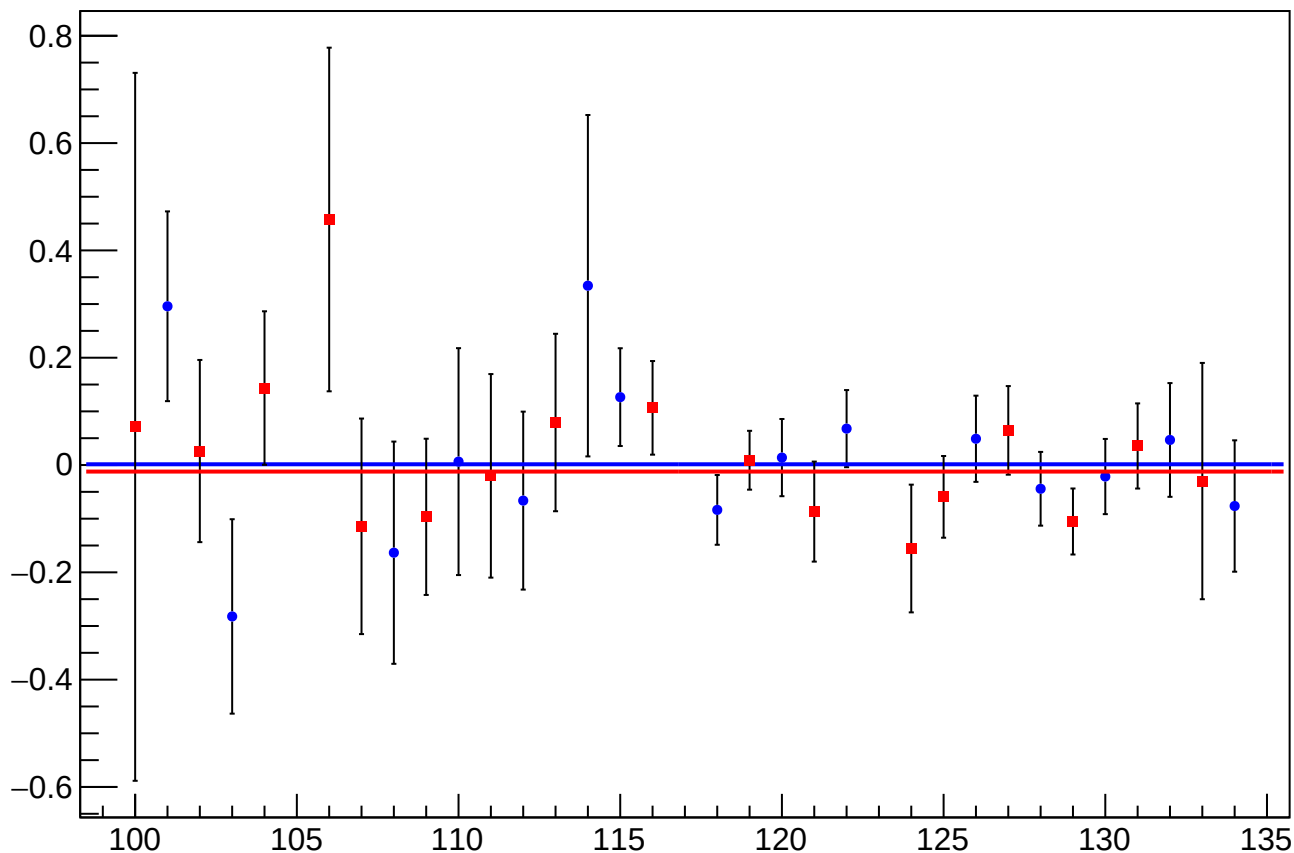
Right: 55.342+/-0.012 χ^2/NDF : 4661254.8/31

In: 54.749+/-0.018 χ^2/NDF :2135603.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661254.8/31

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.025 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.025 χ^2/NDF : 12.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

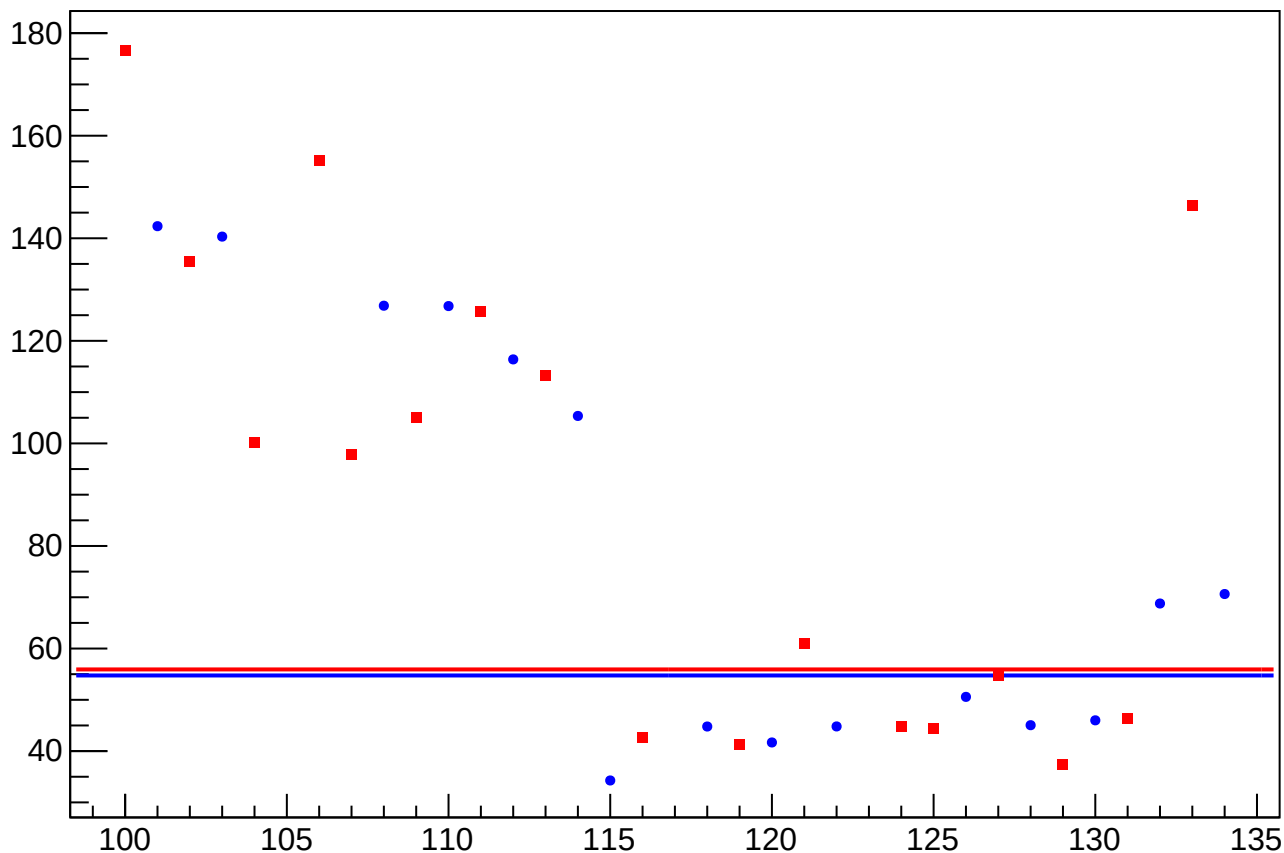
Right: -0.005+/-0.017 χ^2/NDF : 25.5/31

In: 0.001+/-0.025 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 25.5/31

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.749+/-0.018 χ^2/NDF : 2135603.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.927+/-0.017 χ^2/NDF : 2523383.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

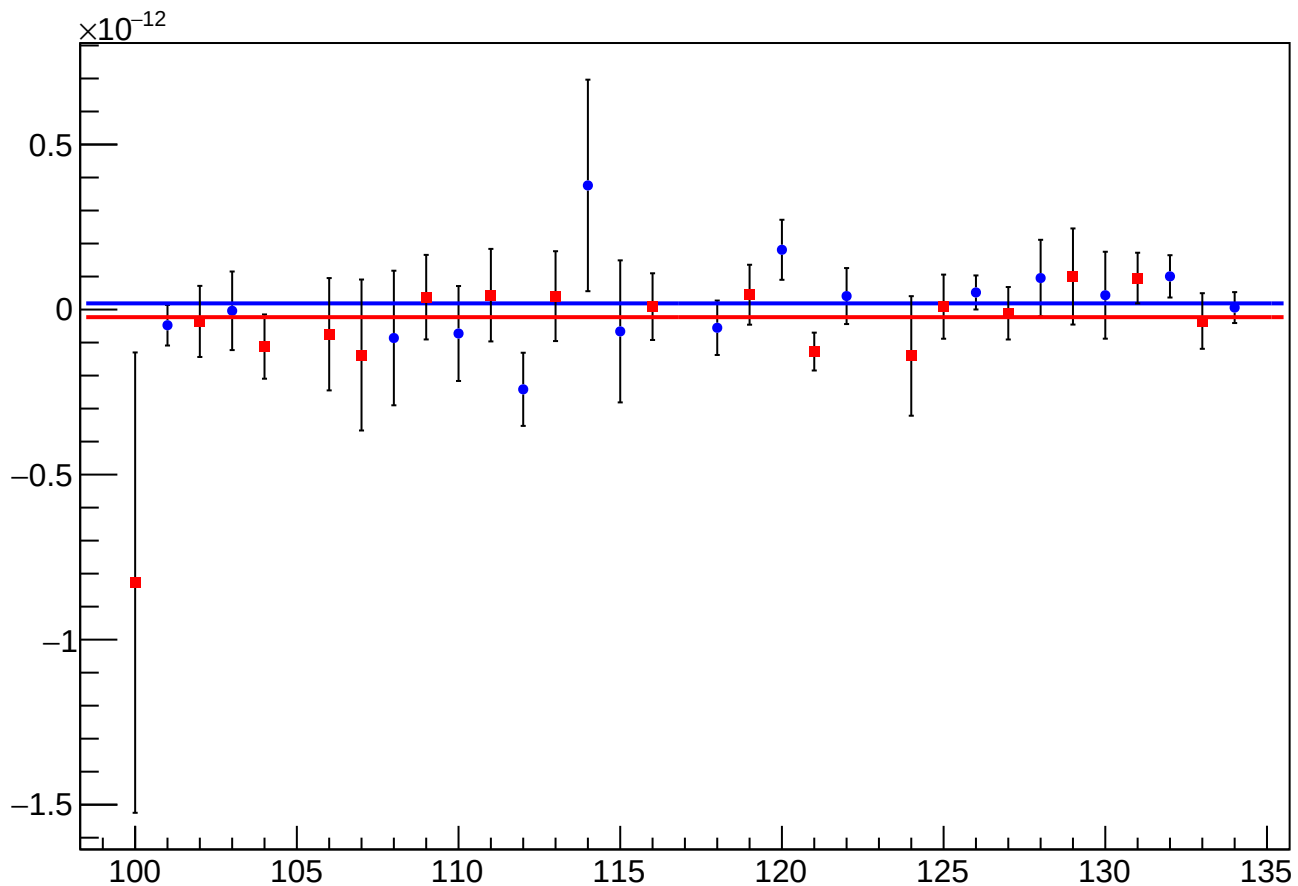
Right: 55.342+/-0.012 χ^2/NDF : 4661254.8/31

In: 54.749+/-0.018 χ^2/NDF :2135603.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661254.8/31

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

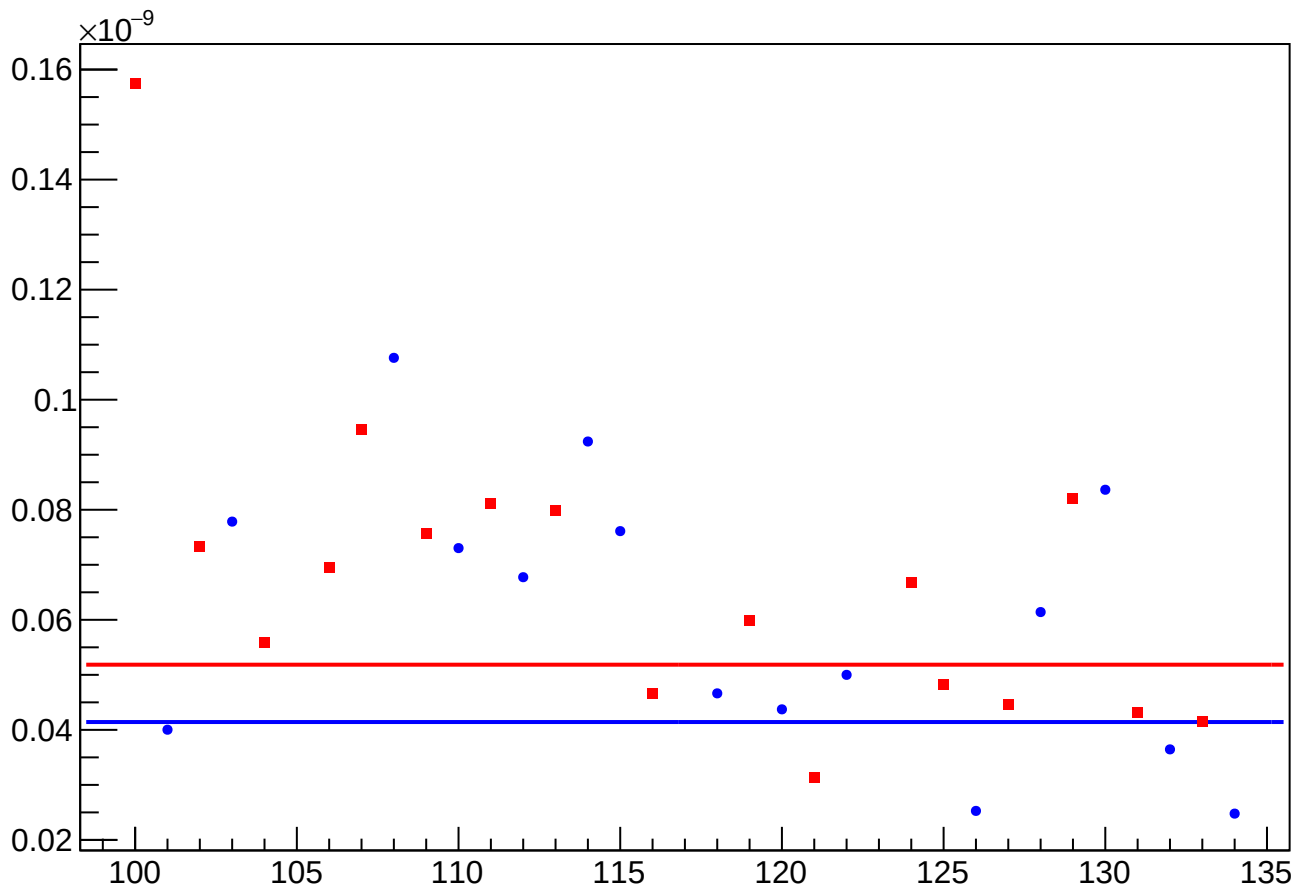
Right: 0.000+/-0.000 χ^2/NDF : 27.9/31

In: 0.000+/-0.000 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.9/31

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1466992.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 914562.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

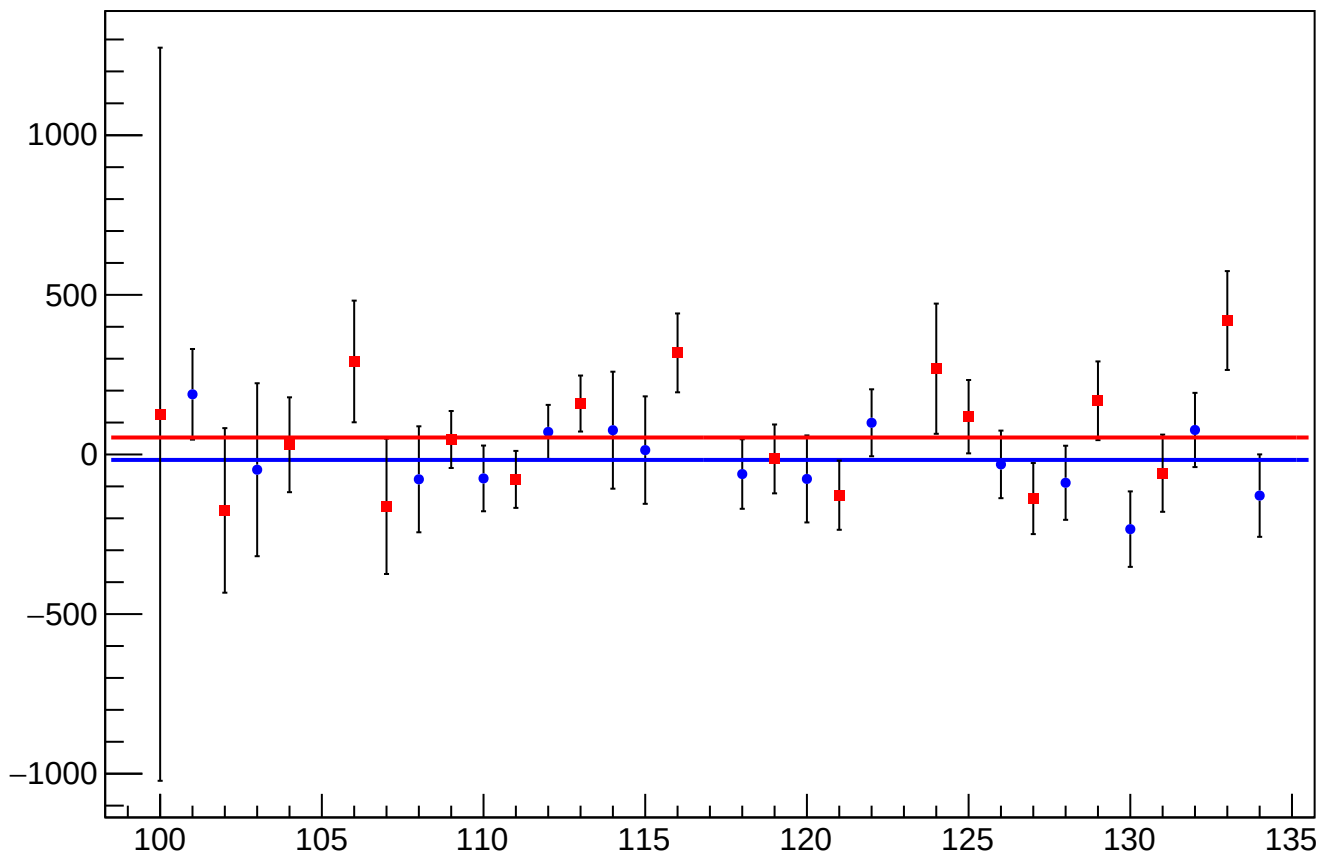
Right: 0.000+/-0.000 χ^2/NDF : 2579479.4/31

In: 0.000+/-0.000 χ^2/NDF : 1466992.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2579479.4/31

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.052 ± 31.677 χ^2/NDF : 10.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 53.191 ± 30.360 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

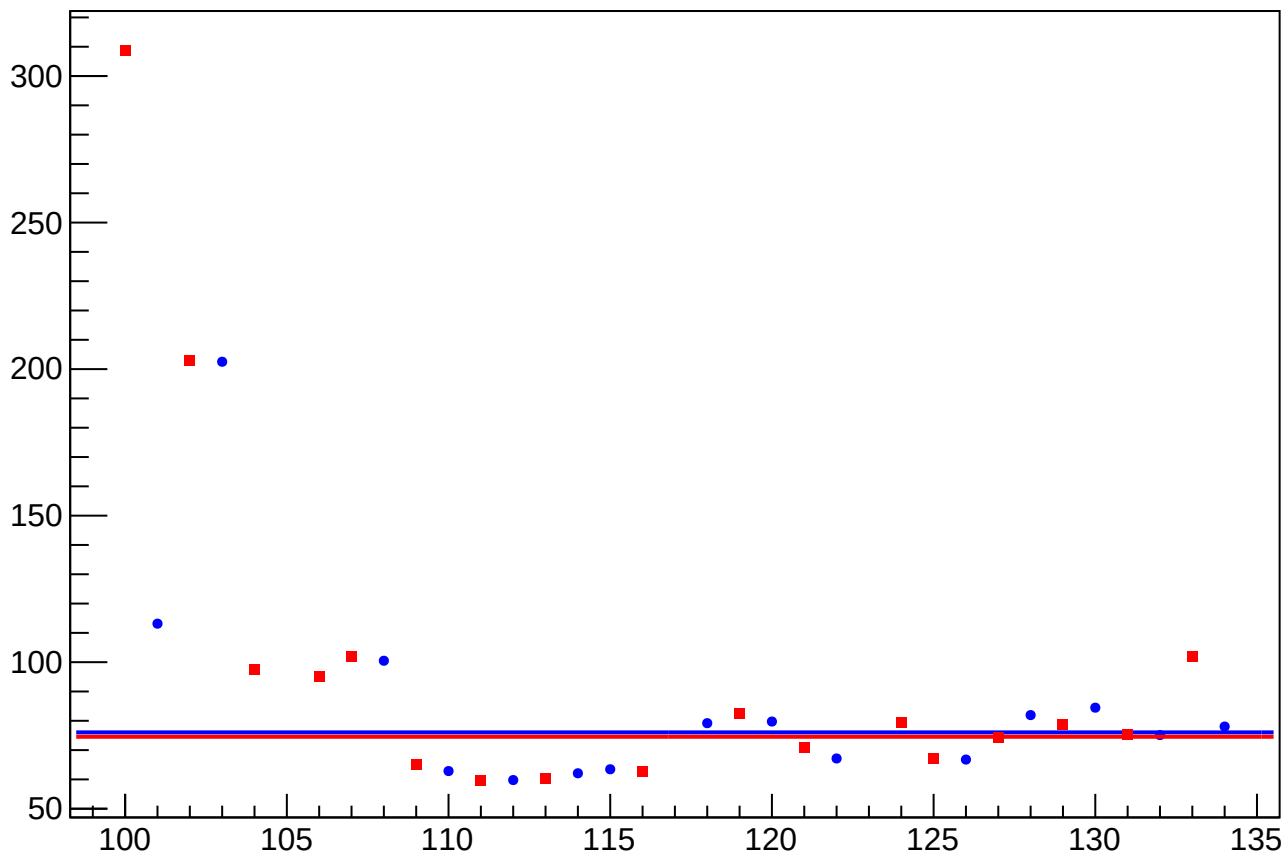
Right: 19.560 ± 21.918 χ^2/NDF : 39.8/31

In: -17.052 ± 31.677 χ^2/NDF : 10.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 19.560 ± 21.918 χ^2/NDF : 39.8/31

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.045 $\pm$ 0.022 χ^2 /NDF: 794025.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.552 $\pm$ 0.021 χ^2 /NDF: 918559.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

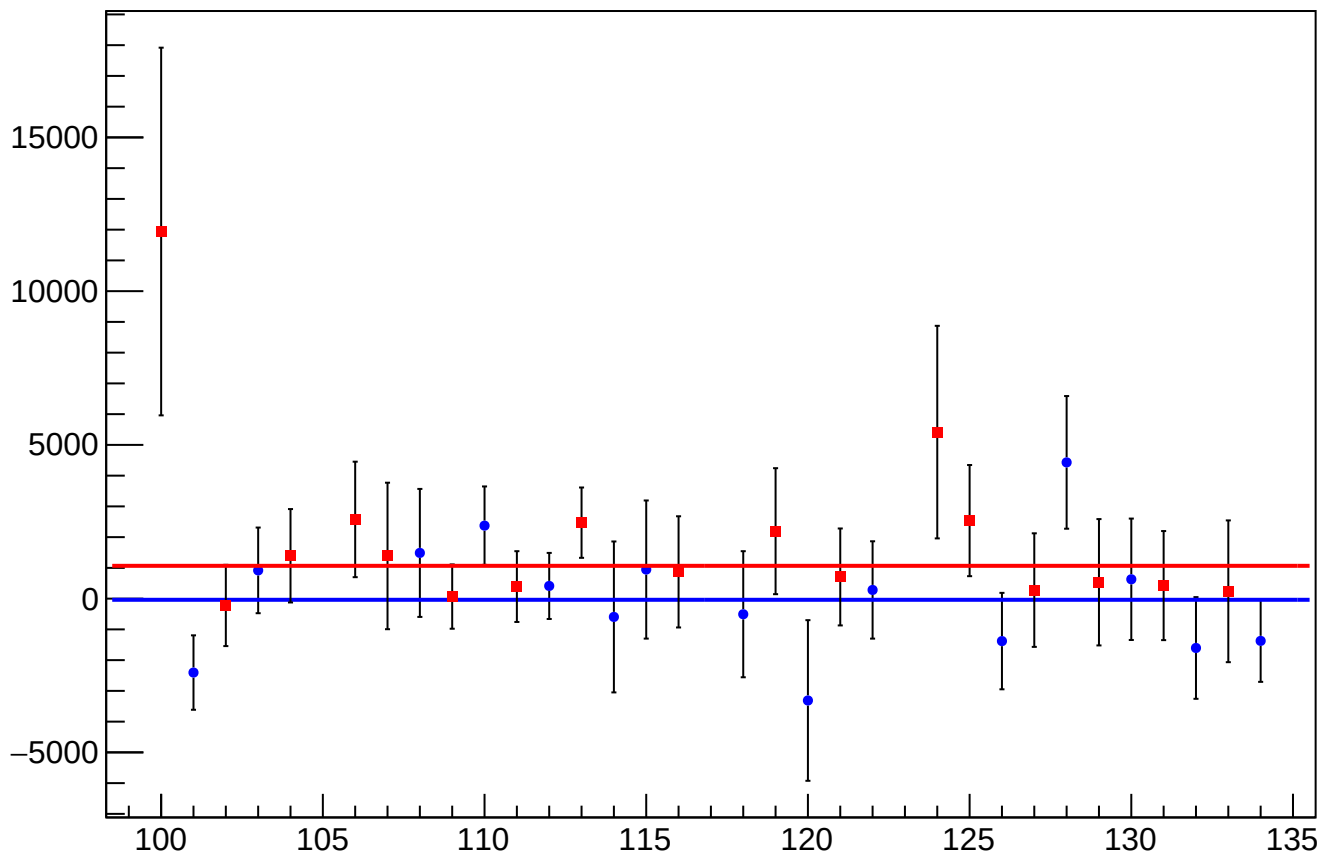
Right: 75.267 $\pm$ 0.015 χ^2 /NDF: 1714902.5/31

In: 76.045 $\pm$ 0.022 χ^2 /NDF:794025.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.267 $\pm$ 0.015 χ^2 /NDF: 1714902.5/31

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -37.580 ± 412.915 $\chi^2/\text{NDF}: 17.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1067.121 ± 398.413 $\chi^2/\text{NDF}: 10.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

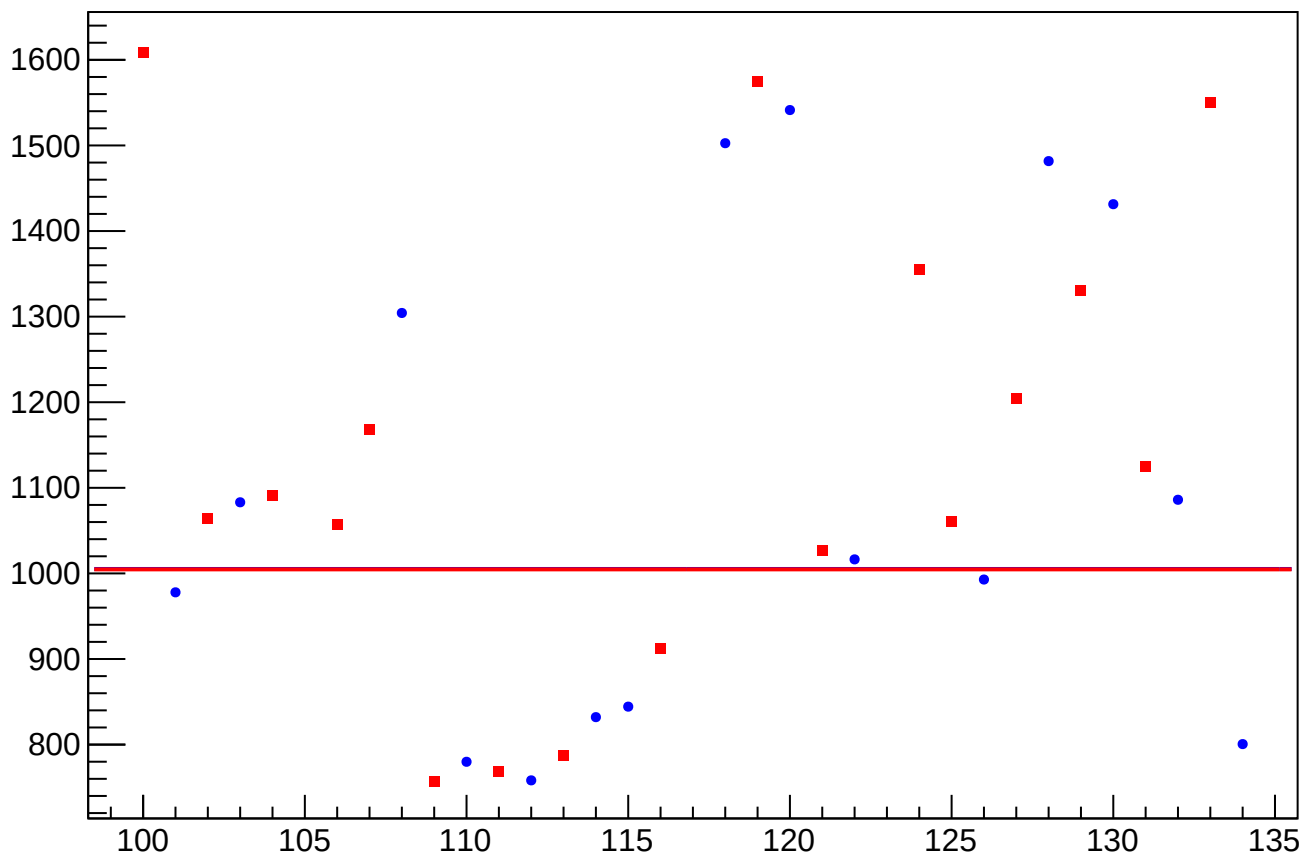
Right: 534.511 ± 286.710 $\chi^2/\text{NDF}: 32.1/31$

In: -37.580 ± 412.915 $\chi^2/\text{NDF}: 17.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 534.511 ± 286.710 $\chi^2/\text{NDF}: 32.1/31$

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1005.177+/-0.292 χ^2/NDF : 681826.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1004.725+/-0.282 χ^2/NDF : 688080.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

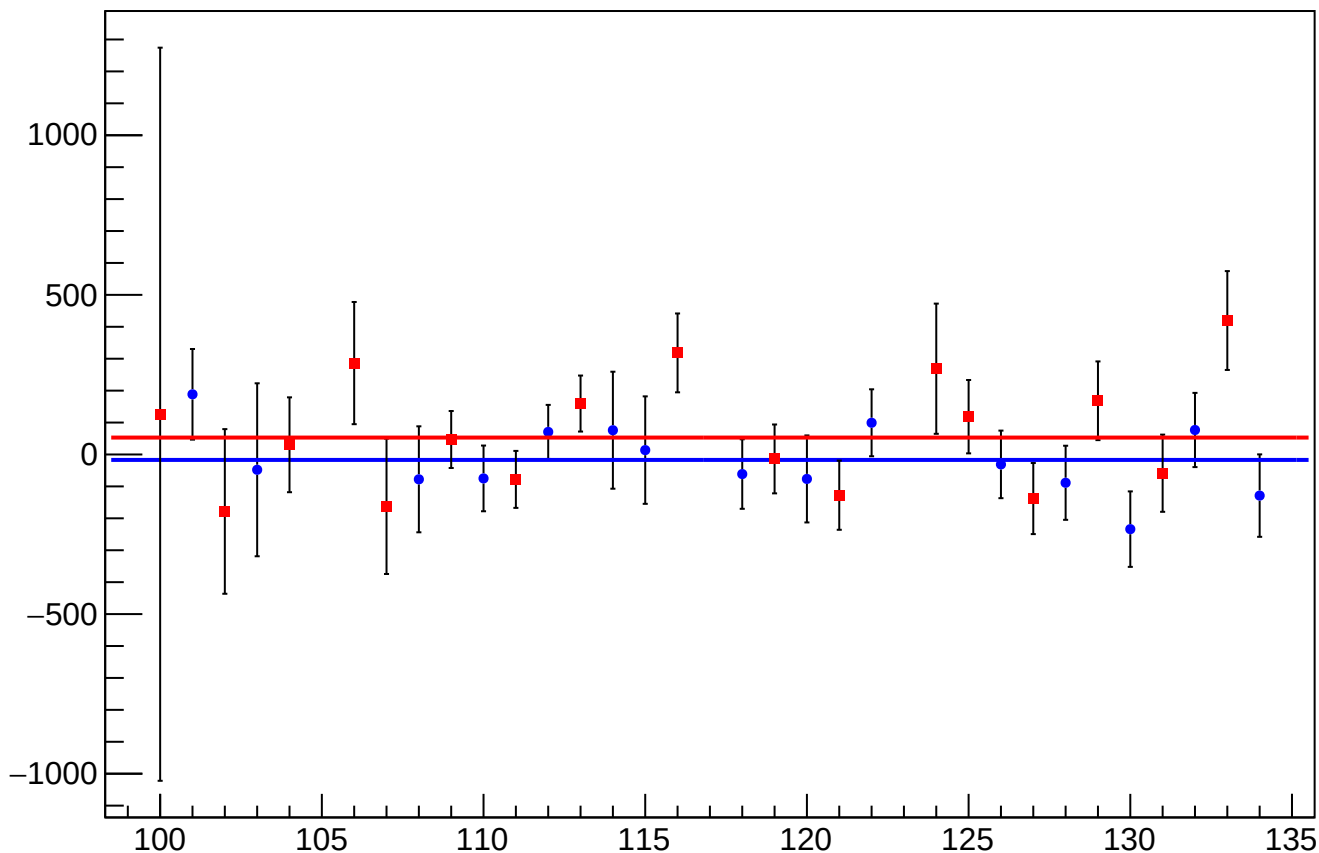
Right: 1004.943+/-0.203 χ^2/NDF : 1369908.6/31

In: 1005.177+/-0.292 χ^2/NDF : 681826.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.943+/-0.203 χ^2/NDF : 1369908.6/31

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.060 ± 31.677 χ^2/NDF : 10.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.965 ± 30.364 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

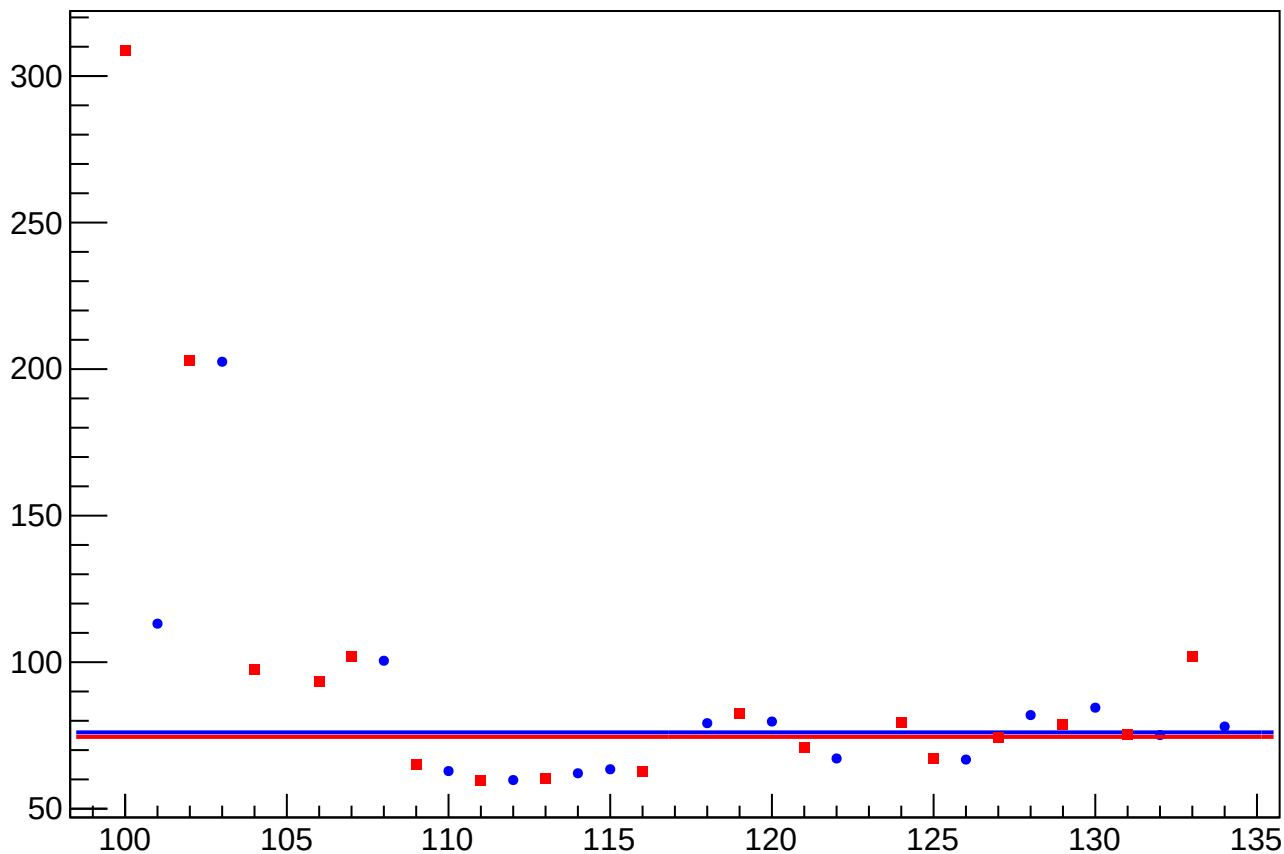
Right: 19.434 ± 21.920 χ^2/NDF : 39.7/31

In: -17.060 ± 31.677 χ^2/NDF : 10.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 19.434 ± 21.920 χ^2/NDF : 39.7/31

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.045+/-0.022 χ^2/NDF : 794027.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.504+/-0.021 χ^2/NDF : 914925.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

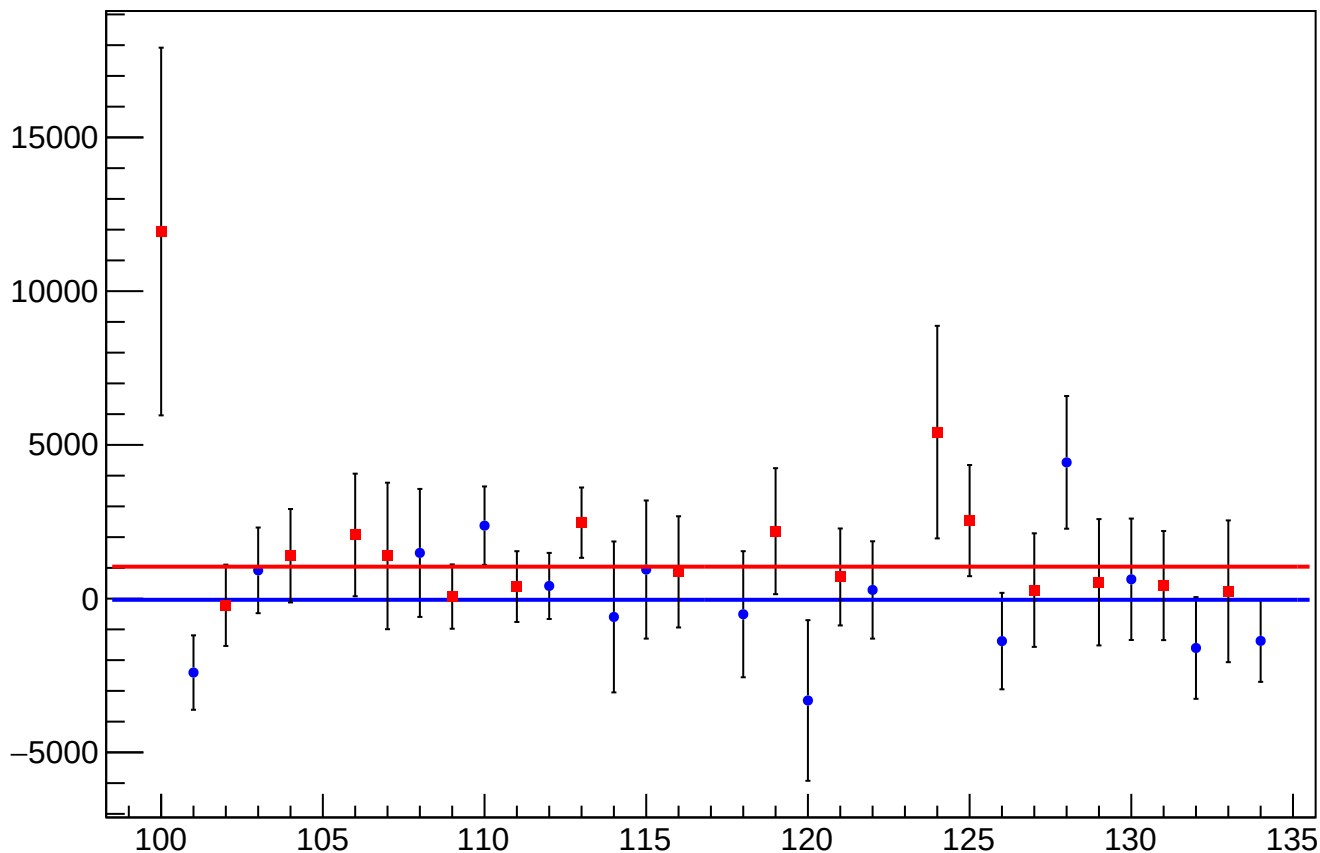
Right: 75.242+/-0.015 χ^2/NDF : 1711420.4/31

In: 76.045+/-0.022 χ^2/NDF : 794027.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.242+/-0.015 χ^2/NDF : 1711420.4/31

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -37.556 ± 412.919 $\chi^2/\text{NDF}: 17.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1039.936 ± 399.460 $\chi^2/\text{NDF}: 10.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

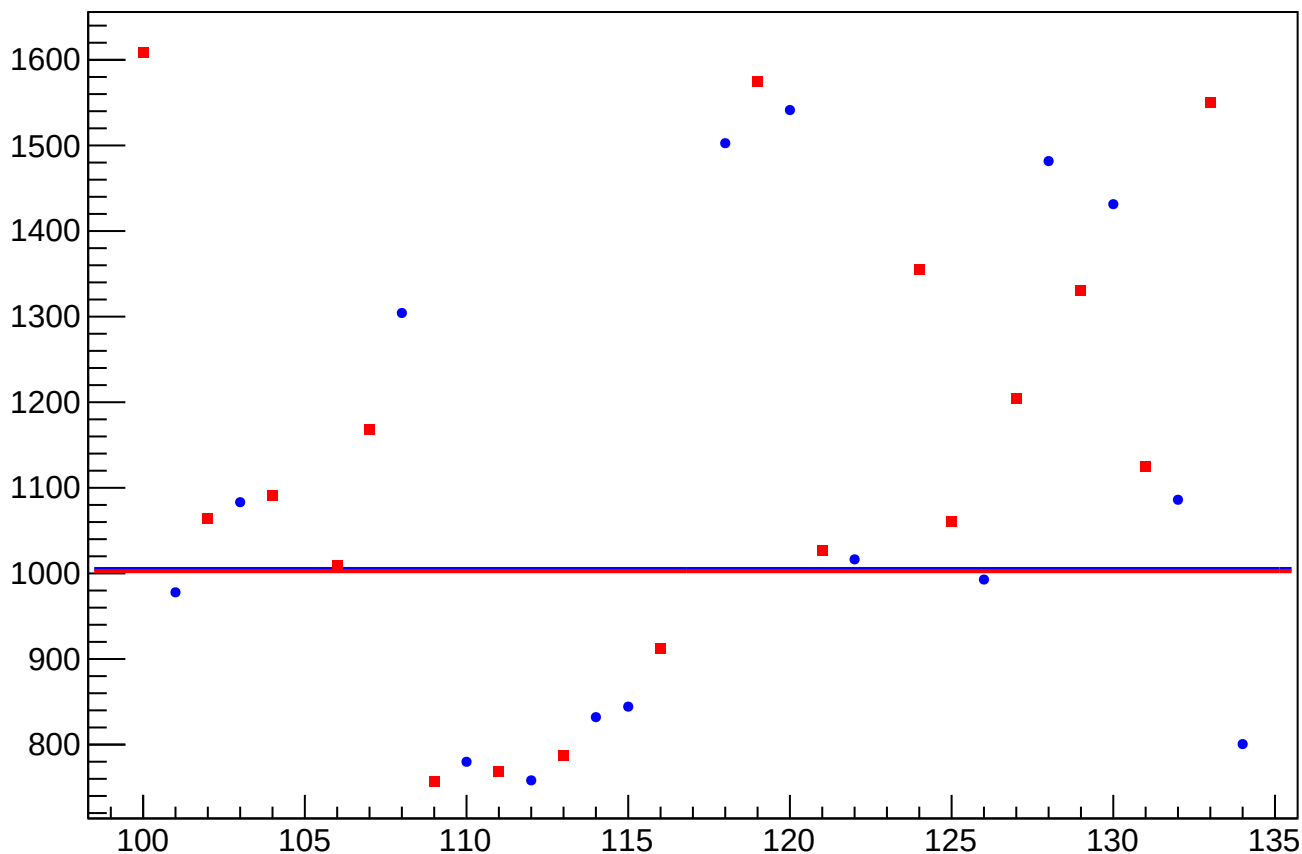
Right: 519.037 ± 287.101 $\chi^2/\text{NDF}: 31.5/31$

In: -37.556 ± 412.919 $\chi^2/\text{NDF}: 17.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 519.037 ± 287.101 $\chi^2/\text{NDF}: 31.5/31$

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.184+/-0.292 χ^2/NDF : 681844.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.585+/-0.282 χ^2/NDF : 686563.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

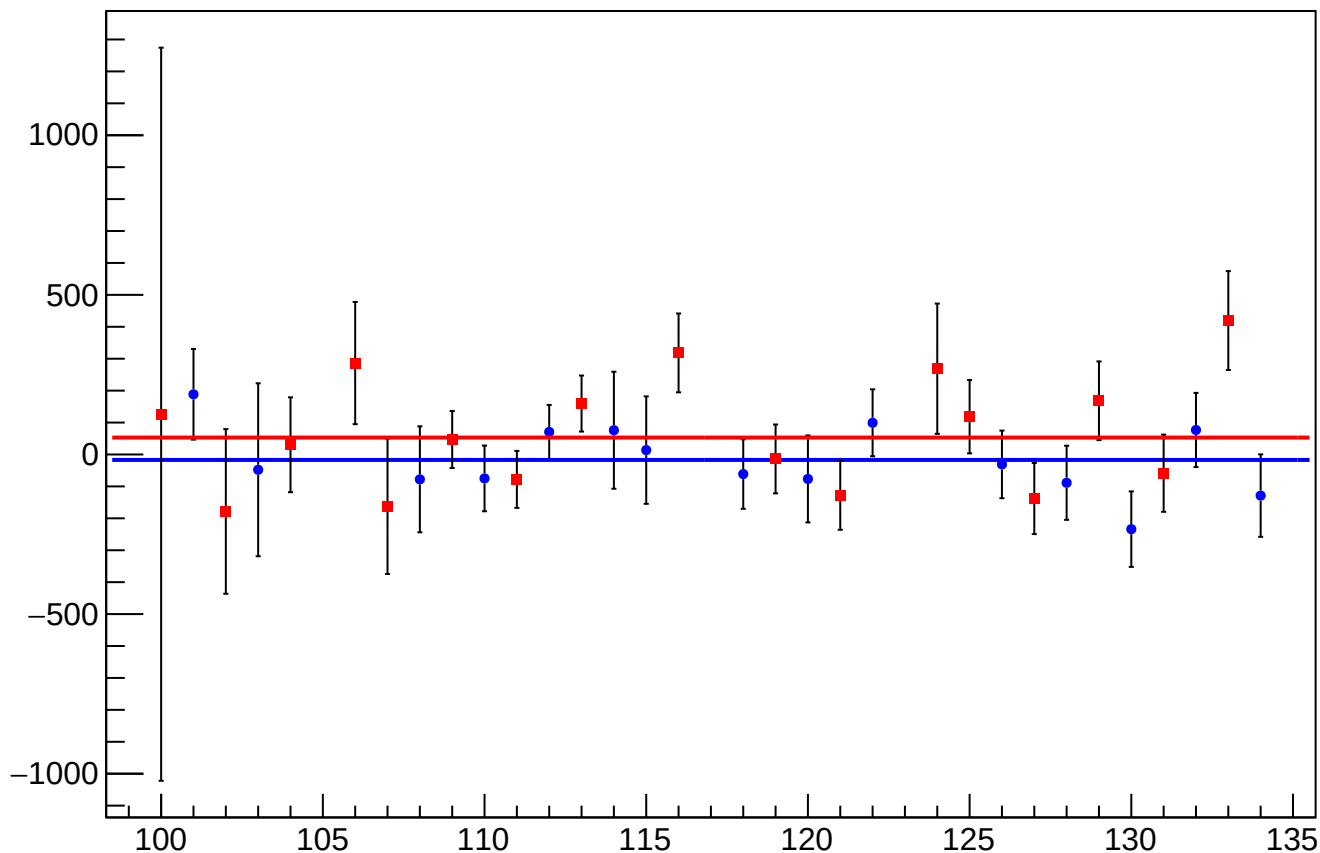
Right: 1003.842+/-0.203 χ^2/NDF : 1368449.0/31

In: 1005.184+/-0.292 χ^2/NDF : 681844.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.842+/-0.203 χ^2/NDF : 1368449.0/31

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.060 ± 31.677 χ^2/NDF : 10.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.965 ± 30.364 χ^2/NDF : 26.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

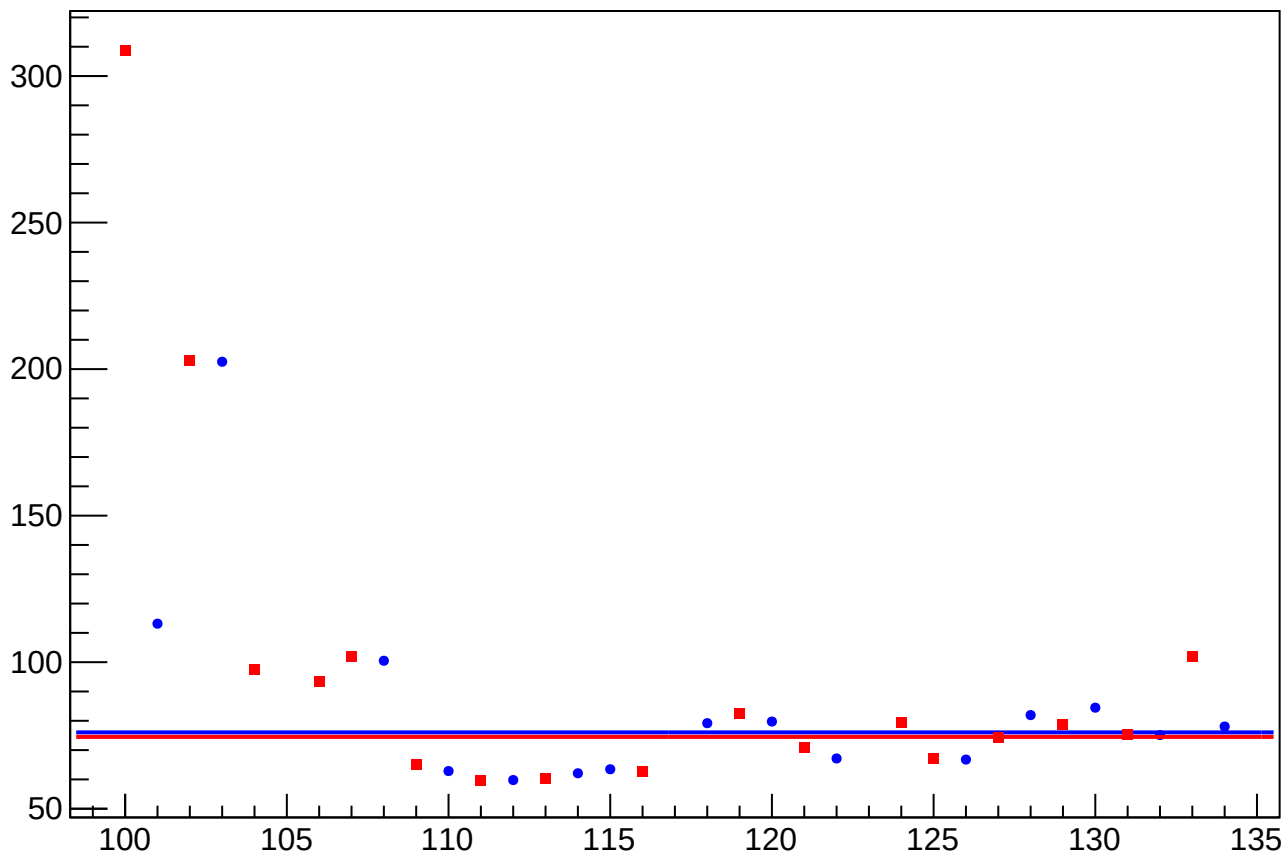
Right: 19.434 ± 21.920 χ^2/NDF : 39.7/31

In: -17.060 ± 31.677 χ^2/NDF : 10.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 19.434 ± 21.920 χ^2/NDF : 39.7/31

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.045 $\pm$ 0.022 χ^2 /NDF: 794027.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.504 $\pm$ 0.021 χ^2 /NDF: 914925.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

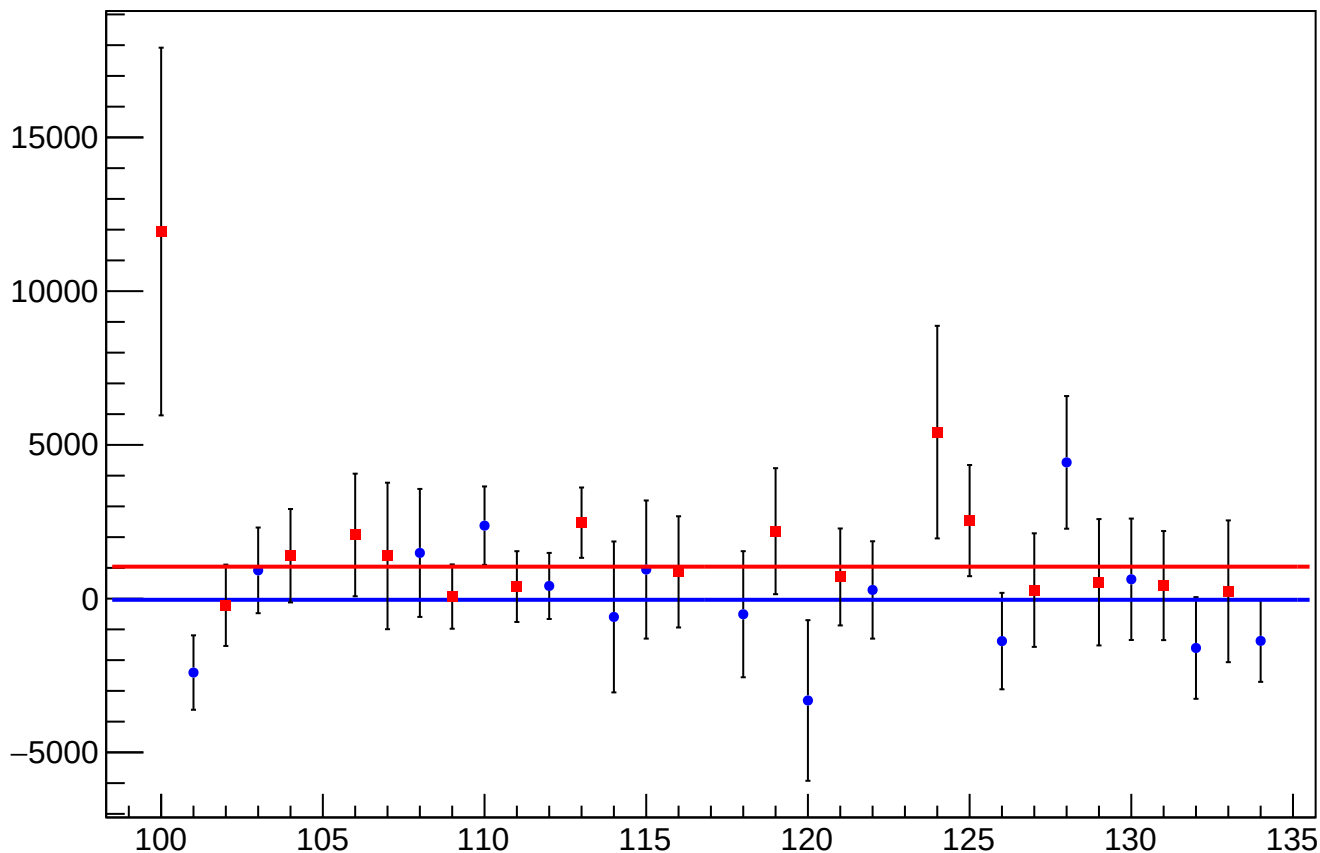
Right: 75.242 $\pm$ 0.015 χ^2 /NDF: 1711420.4/31

In: 76.045 $\pm$ 0.022 χ^2 /NDF:794027.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.242 $\pm$ 0.015 χ^2 /NDF: 1711420.4/31

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -37.556 $\pm$ 412.919 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1039.936 $\pm$ 399.460 χ^2 /NDF: 10.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

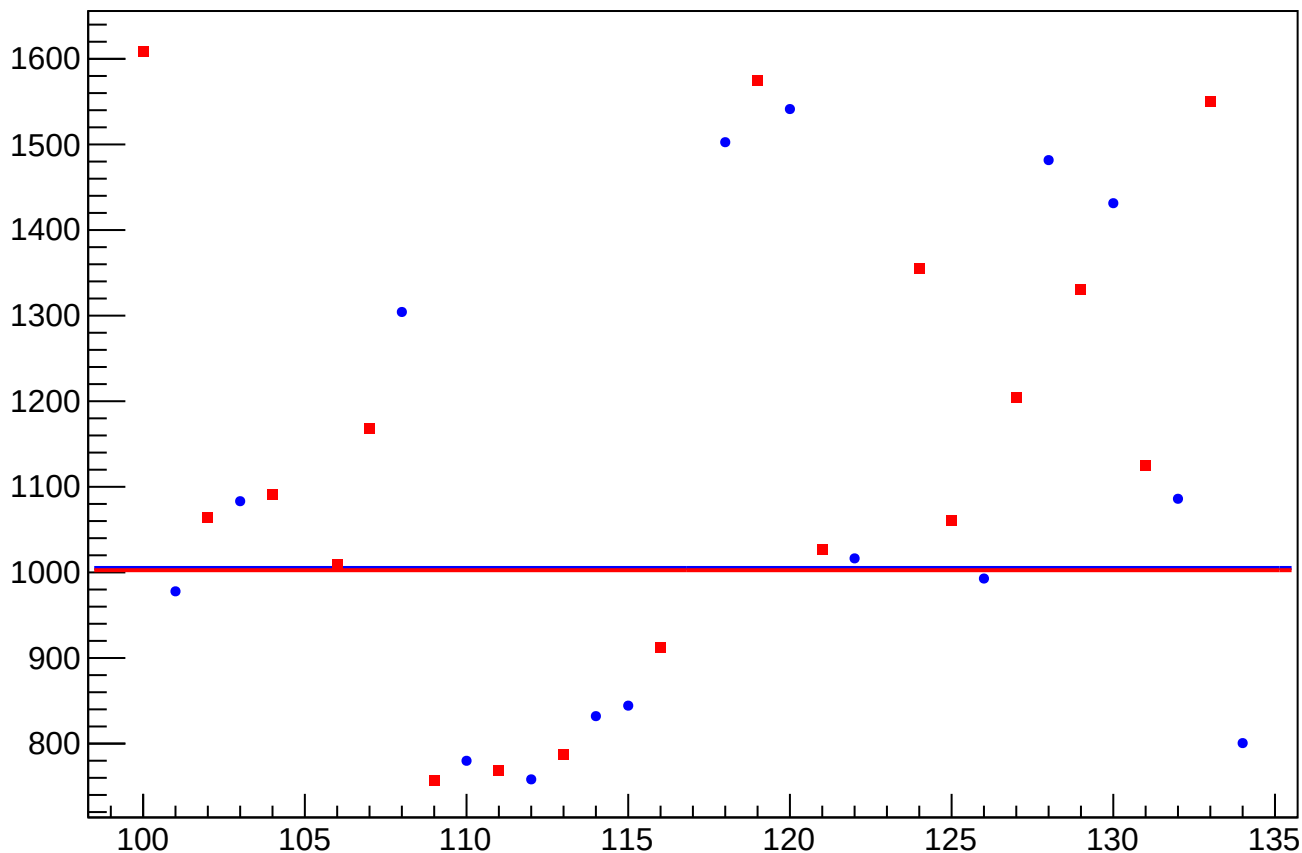
Right: 519.037 $\pm$ 287.101 χ^2 /NDF: 31.5/31

In: -37.556 $\pm$ 412.919 χ^2 /NDF:17.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 519.037 $\pm$ 287.101 χ^2 /NDF: 31.5/31

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.184+/-0.292 χ^2/NDF : 681844.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.585+/-0.282 χ^2/NDF : 686563.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

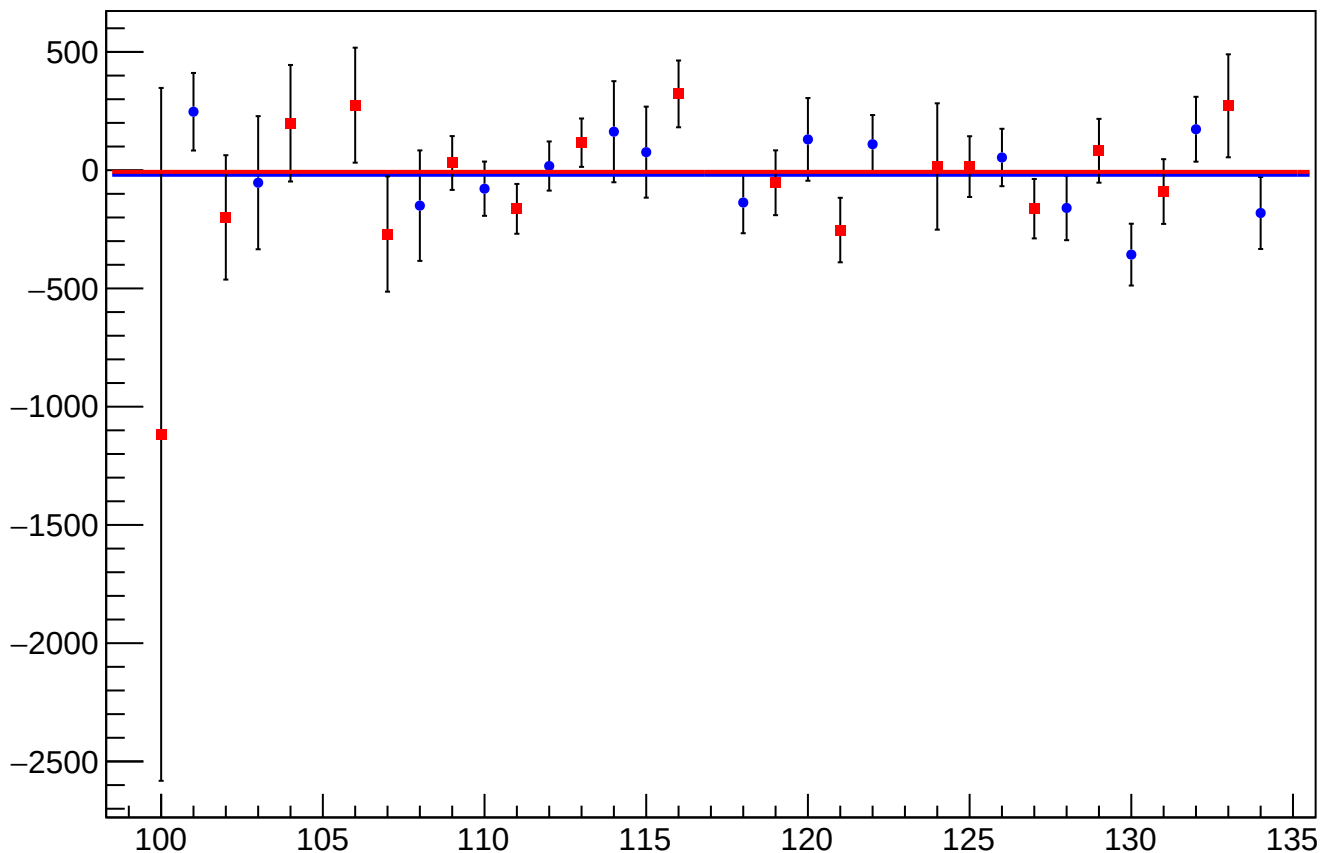
Right: 1003.842+/-0.203 χ^2/NDF : 1368449.0/31

In: 1005.184+/-0.292 χ^2/NDF : 681844.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.842+/-0.203 χ^2/NDF : 1368449.0/31

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -19.446 ± 37.268 χ^2/NDF : 18.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.078 ± 36.451 χ^2/NDF : 20.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

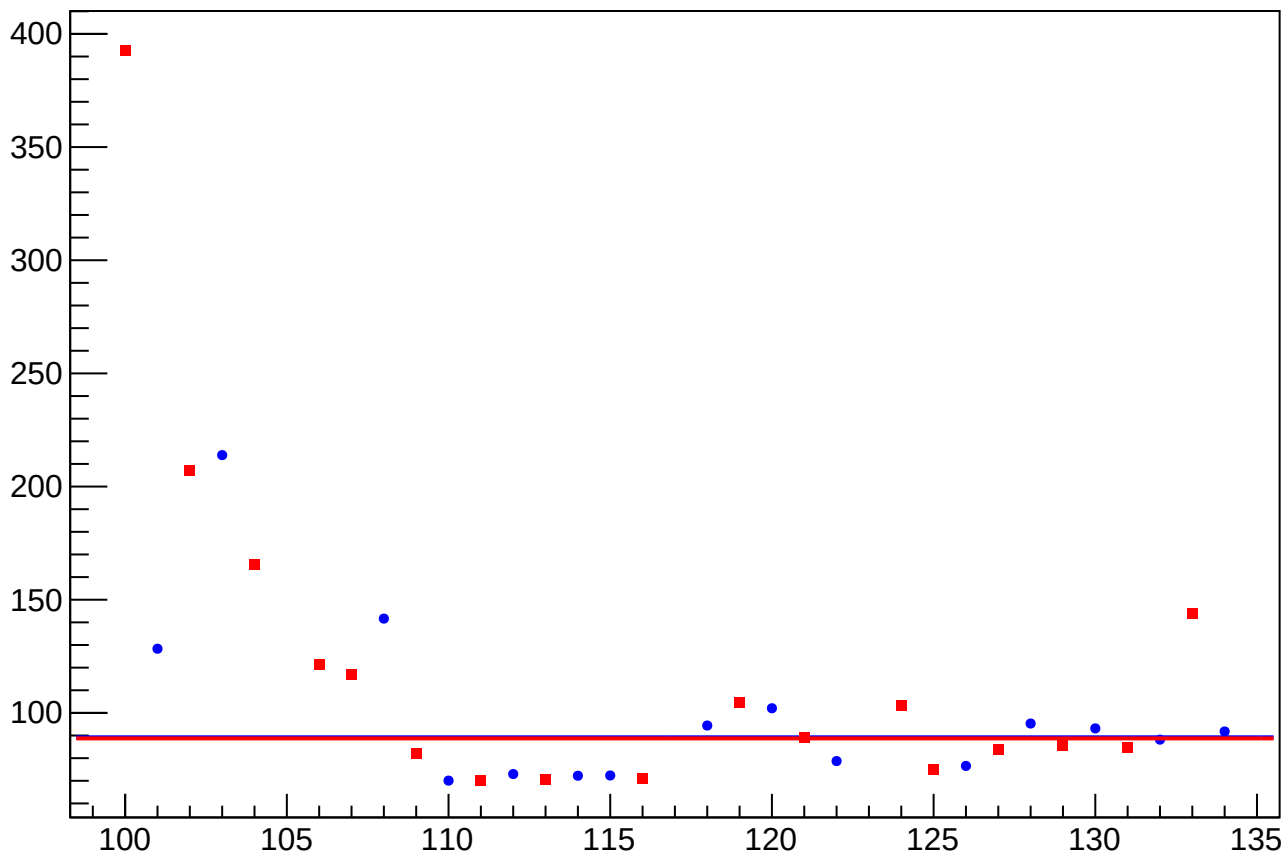
Right: -13.125 ± 26.059 χ^2/NDF : 39.2/31

In: -19.446 ± 37.268 χ^2/NDF : 18.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.125 ± 26.059 χ^2/NDF : 39.2/31

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.218+/-0.026 χ^2/NDF : 796452.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.731+/-0.026 χ^2/NDF : 1103905.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

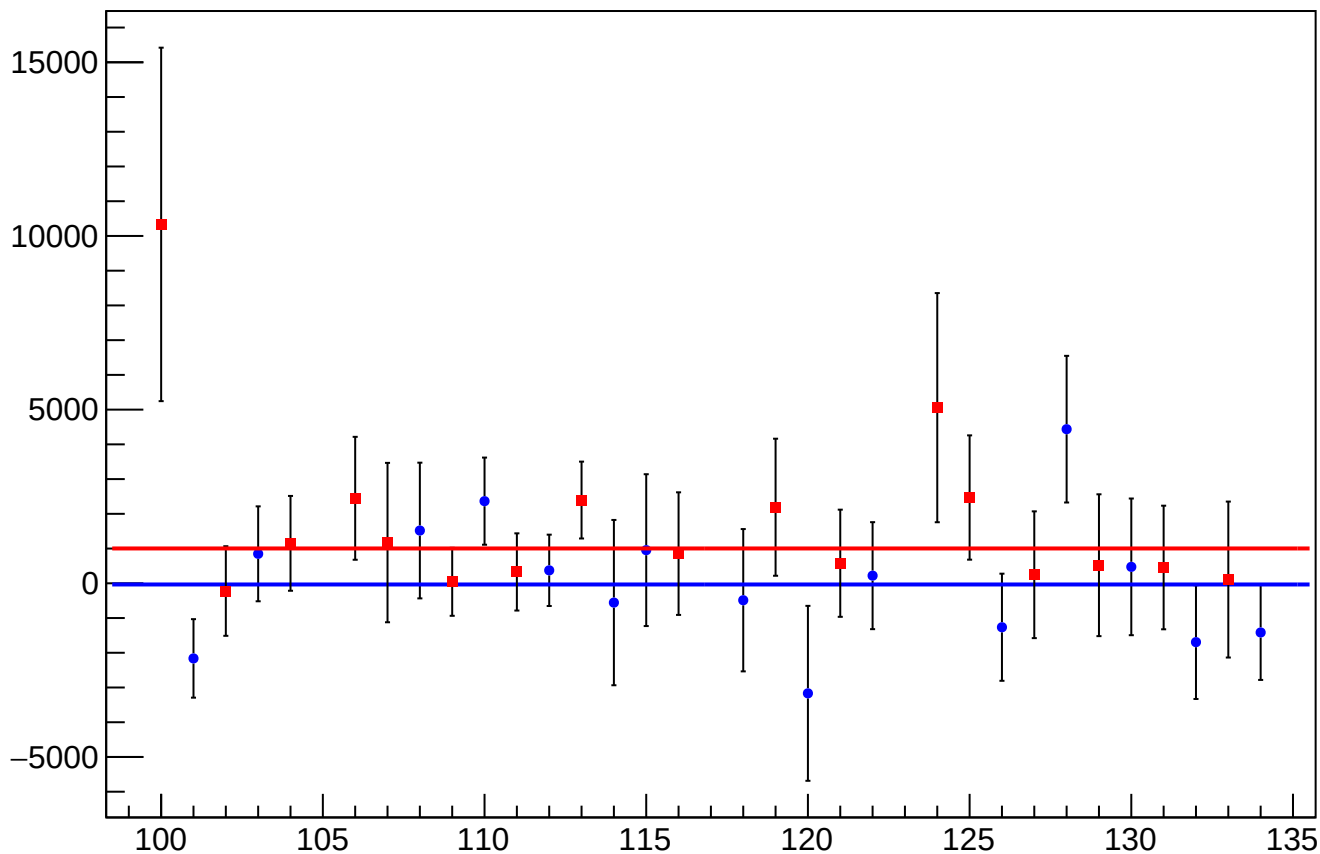
Right: 88.969+/-0.018 χ^2/NDF : 1900533.3/31

In: 89.218+/-0.026 χ^2/NDF : 796452.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.969+/-0.018 χ^2/NDF : 1900533.3/31

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -33.909+/-402.258 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.946+/-383.106 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

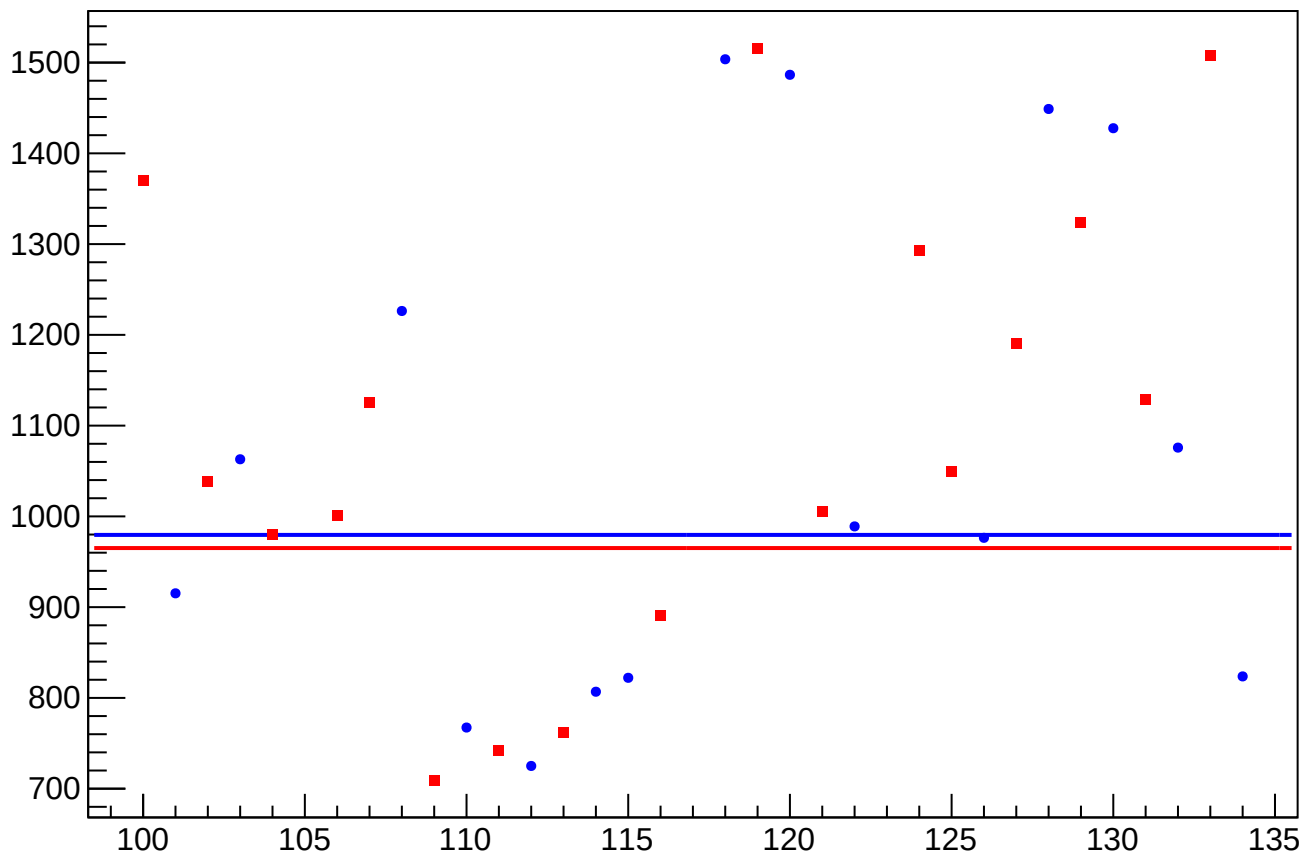
Right: 509.788+/-277.421 χ^2/NDF : 32.0/31

In: -33.909+/-402.258 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.788+/-277.421 χ^2/NDF : 32.0/31

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 979.594+/-0.284 χ^2/NDF : 694378.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.111+/-0.271 χ^2/NDF : 725665.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

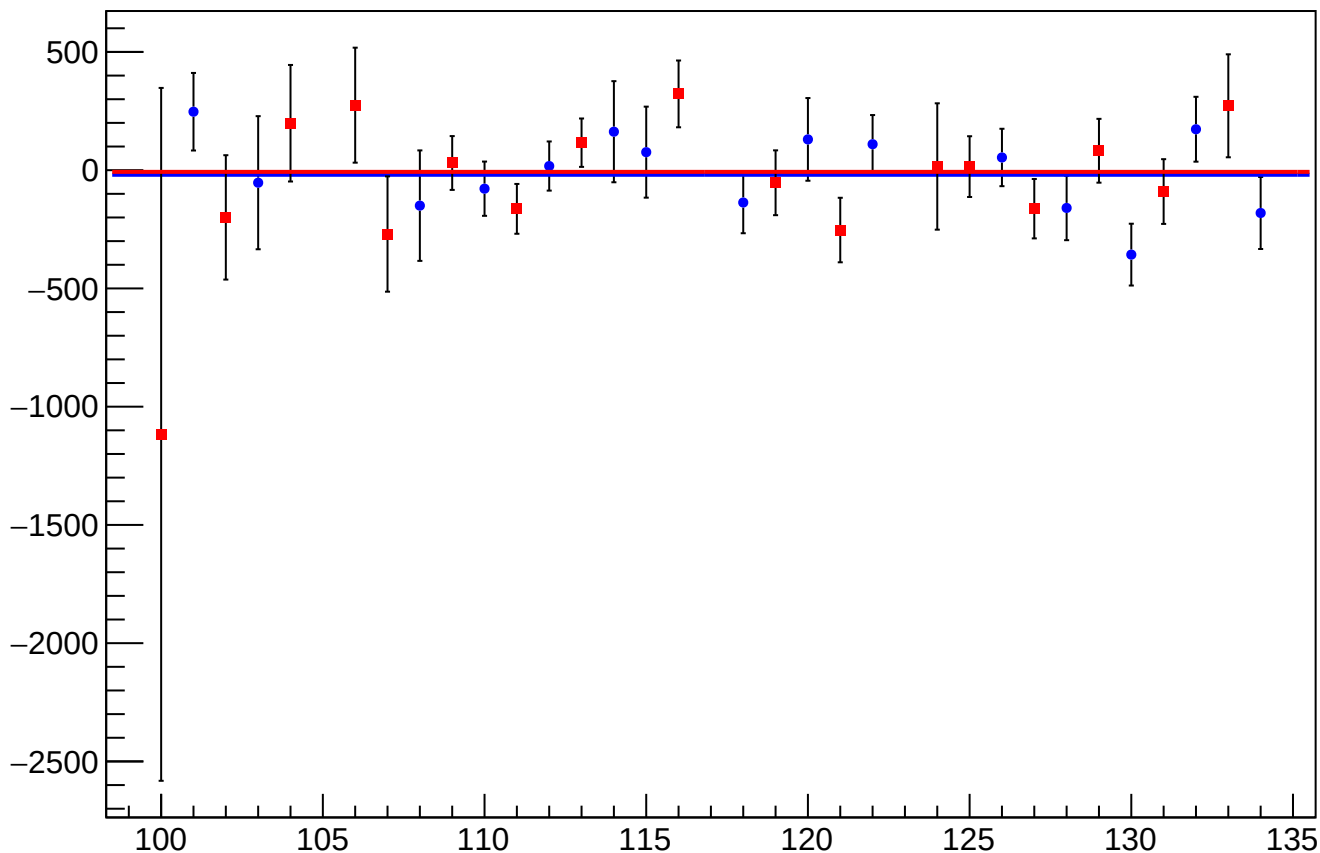
Right: 971.999+/-0.196 χ^2/NDF : 1421402.8/31

In: 979.594+/-0.284 χ^2/NDF : 694378.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.999+/-0.196 χ^2/NDF : 1421402.8/31

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -19.447 ± 37.268 χ^2/NDF : 18.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.081 ± 36.451 χ^2/NDF : 20.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

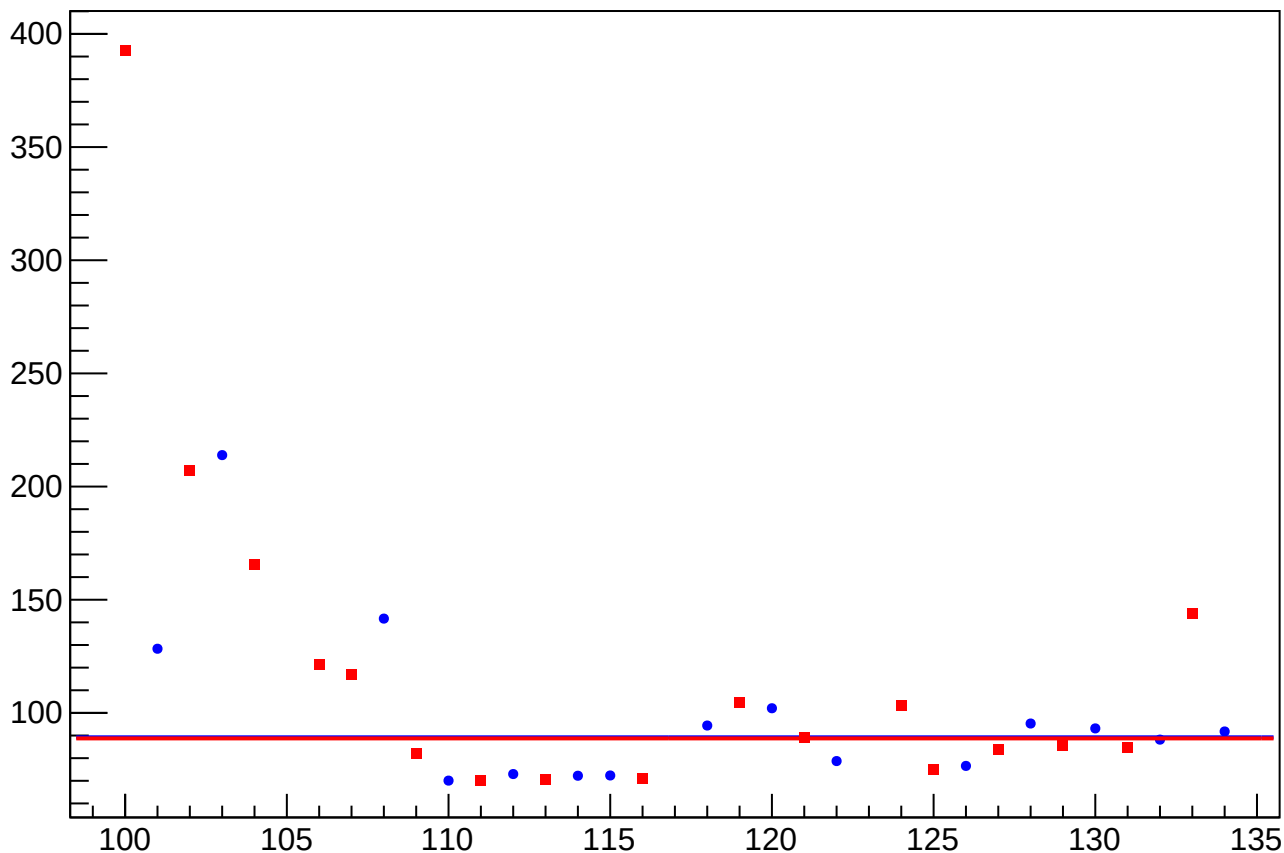
Right: -13.127 ± 26.059 χ^2/NDF : 39.2/31

In: -19.447 ± 37.268 χ^2/NDF : 18.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.127 ± 26.059 χ^2/NDF : 39.2/31

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.219+/-0.026 χ^2/NDF : 796437.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.731+/-0.026 χ^2/NDF : 1103899.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

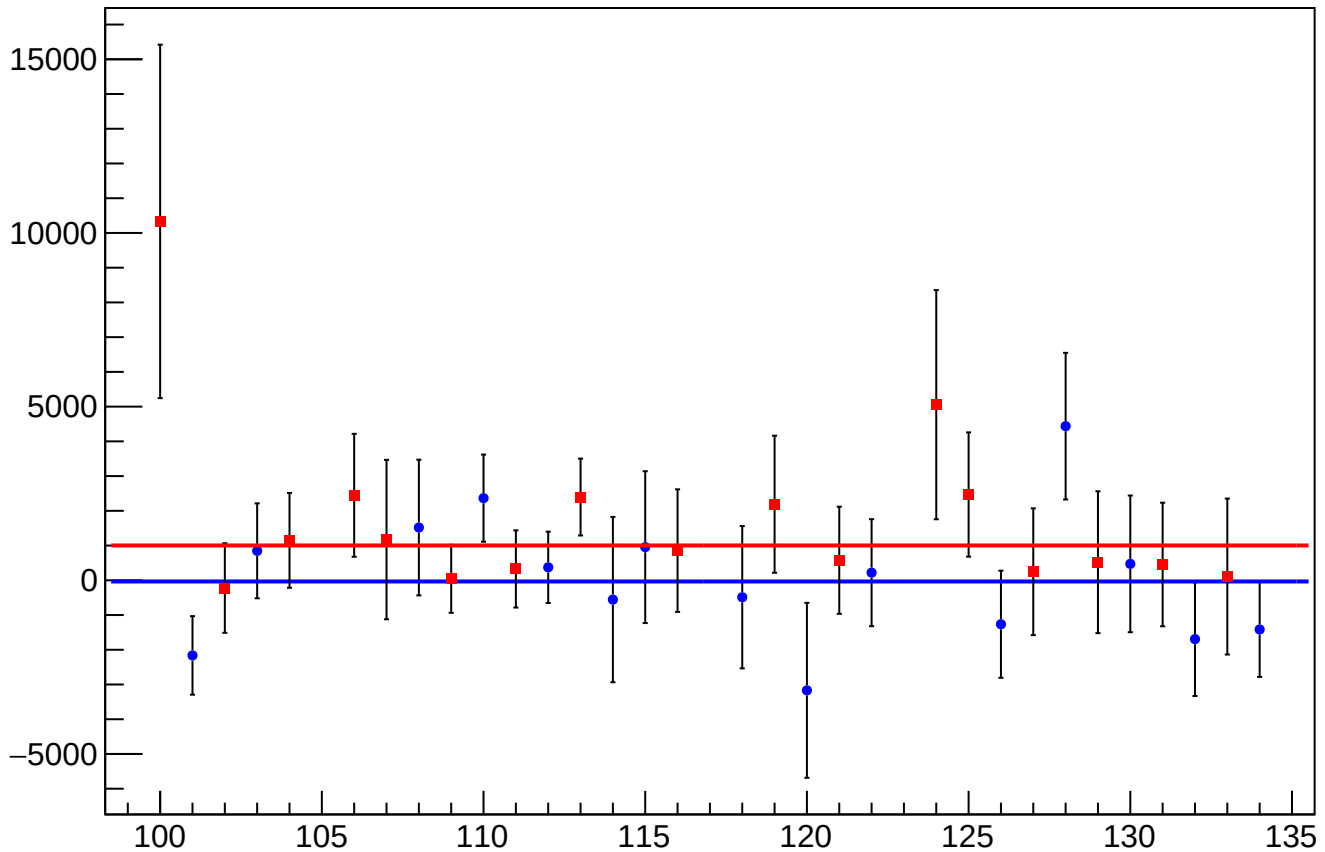
Right: 88.970+/-0.018 χ^2/NDF : 1900511.5/31

In: 89.219+/-0.026 χ^2/NDF : 796437.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.970+/-0.018 χ^2/NDF : 1900511.5/31

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -33.909 $\pm$ 402.257 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1002.944 $\pm$ 383.105 χ^2 /NDF: 11.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

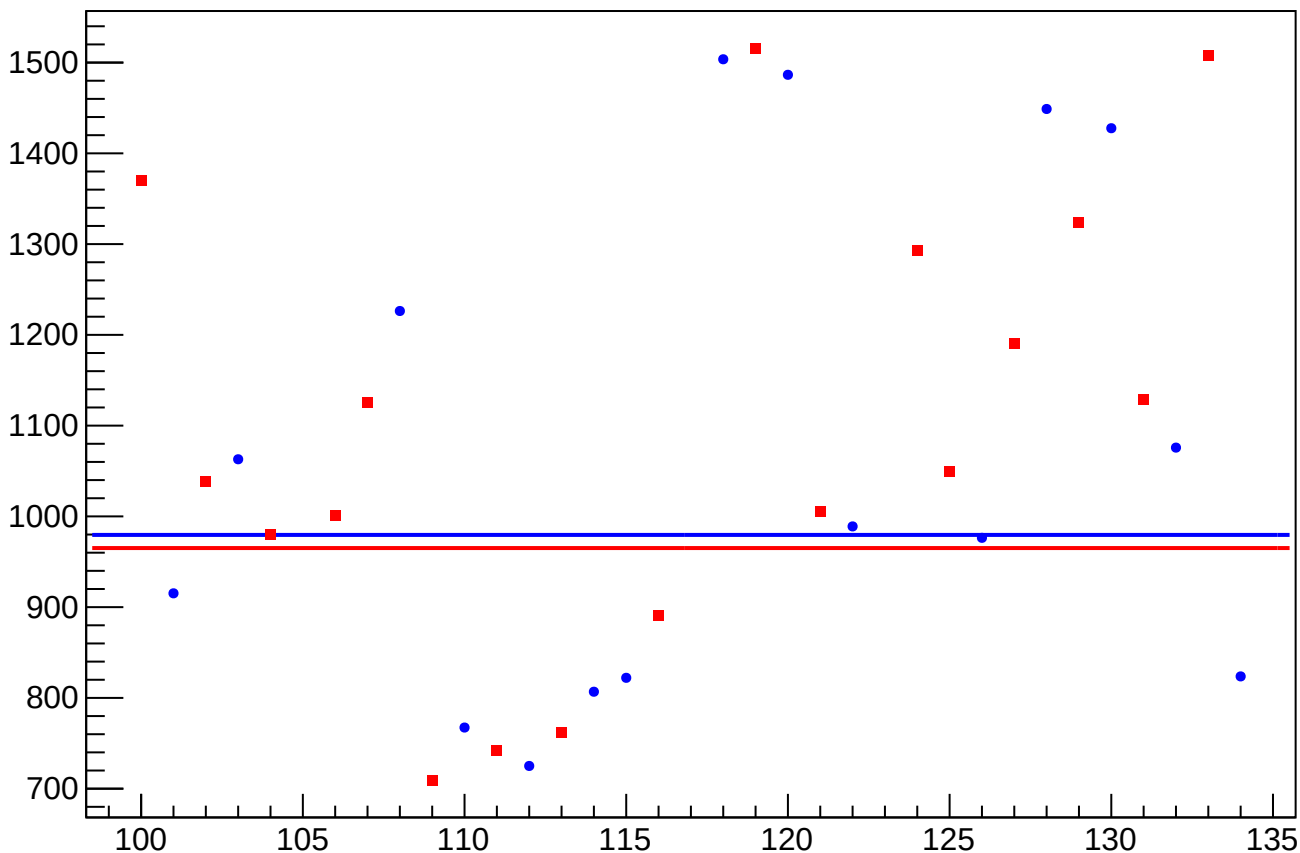
Right: 509.787 $\pm$ 277.420 χ^2 /NDF: 32.0/31

In: -33.909 $\pm$ 402.257 χ^2 /NDF:17.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 509.787 $\pm$ 277.420 χ^2 /NDF: 32.0/31

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 979.591+/-0.284 χ^2/NDF : 694383.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.109+/-0.271 χ^2/NDF : 725665.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

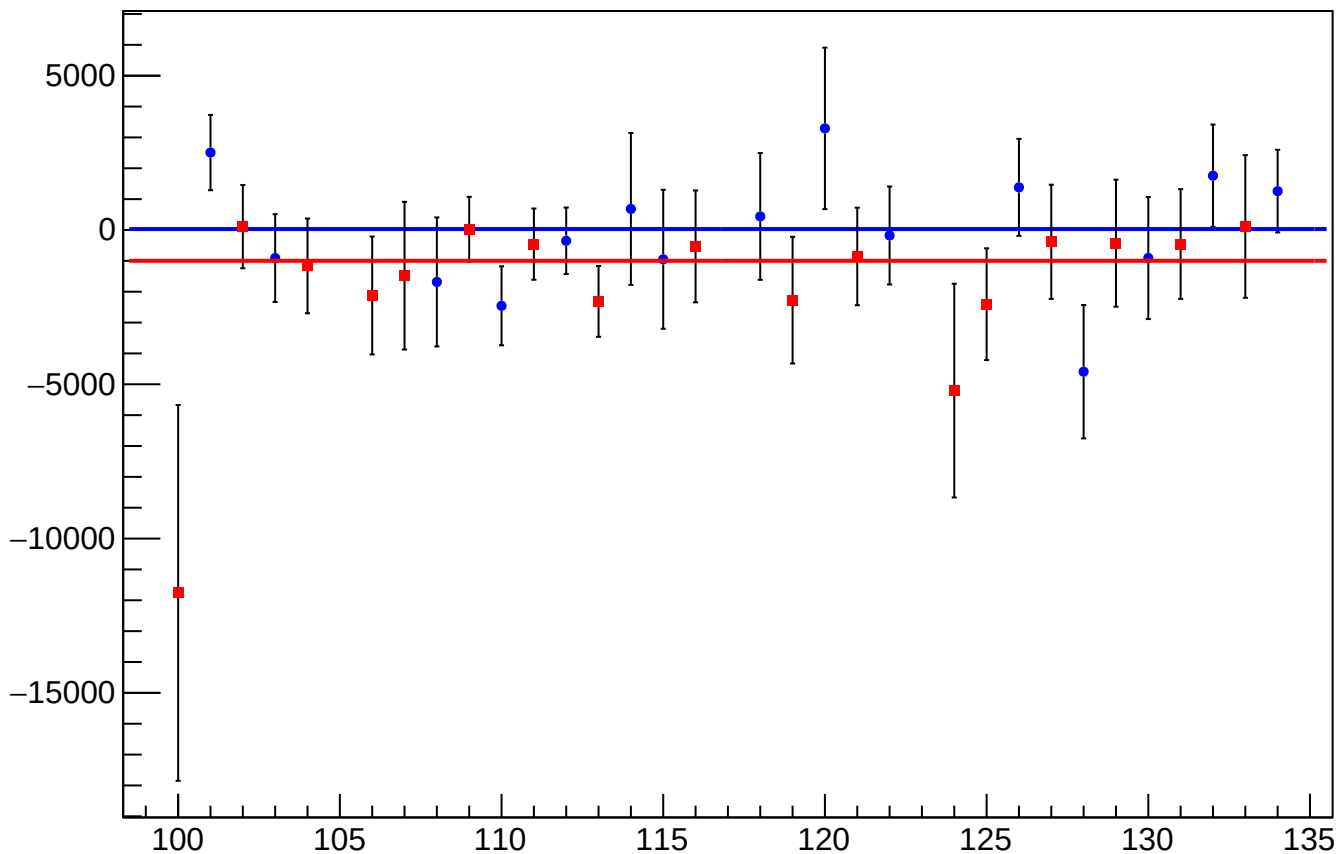
Right: 971.997+/-0.196 χ^2/NDF : 1421407.9/31

In: 979.591+/-0.284 χ^2/NDF : 694383.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.997+/-0.196 χ^2/NDF : 1421407.9/31

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 30.170+/-415.065 χ^2/NDF : 18.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -998.459+/-400.687 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

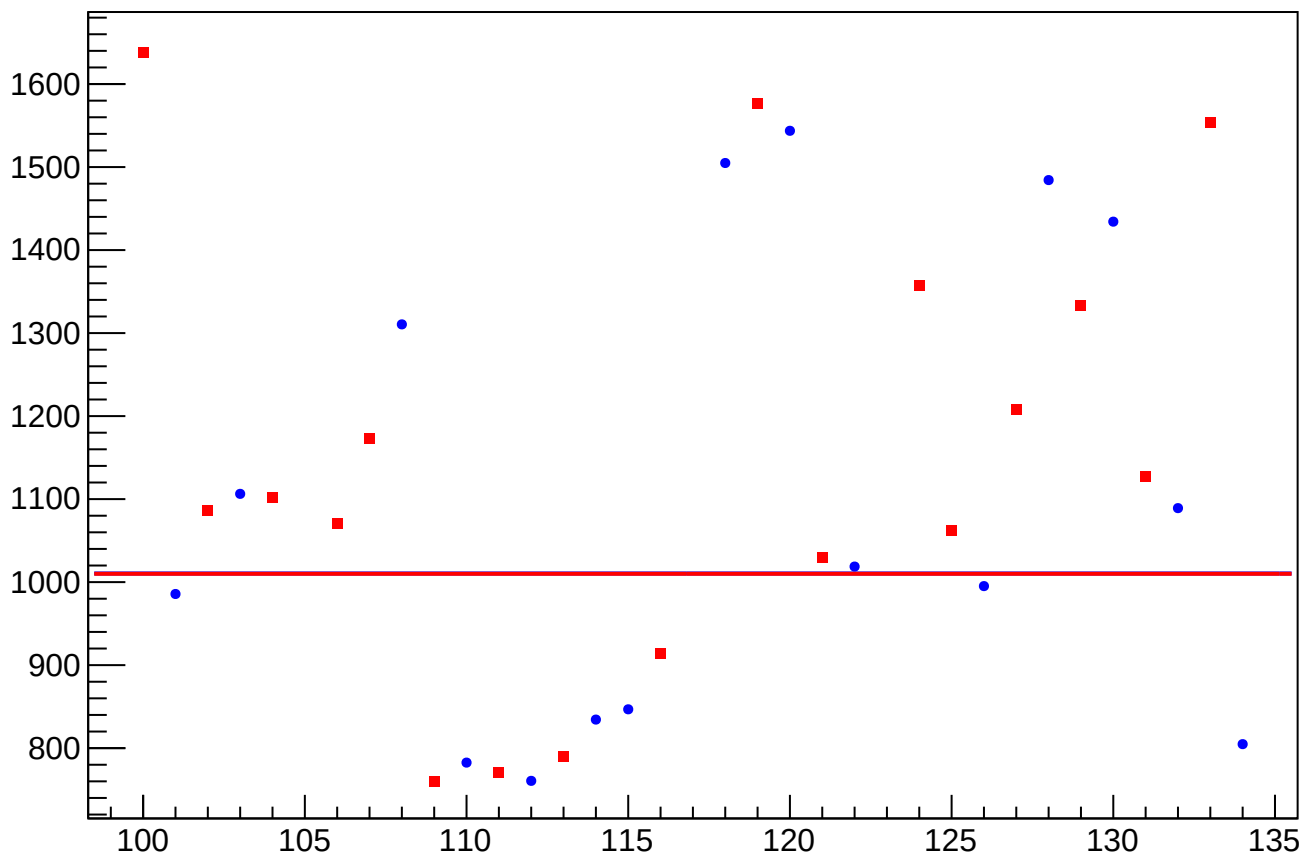
Right: -502.269+/-288.277 χ^2/NDF : 31.4/31

In: 30.170+/-415.065 χ^2/NDF : 18.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.269+/-288.277 χ^2/NDF : 31.4/31

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1010.423+/-0.293 χ^2/NDF : 681729.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1010.038+/-0.283 χ^2/NDF : 691317.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

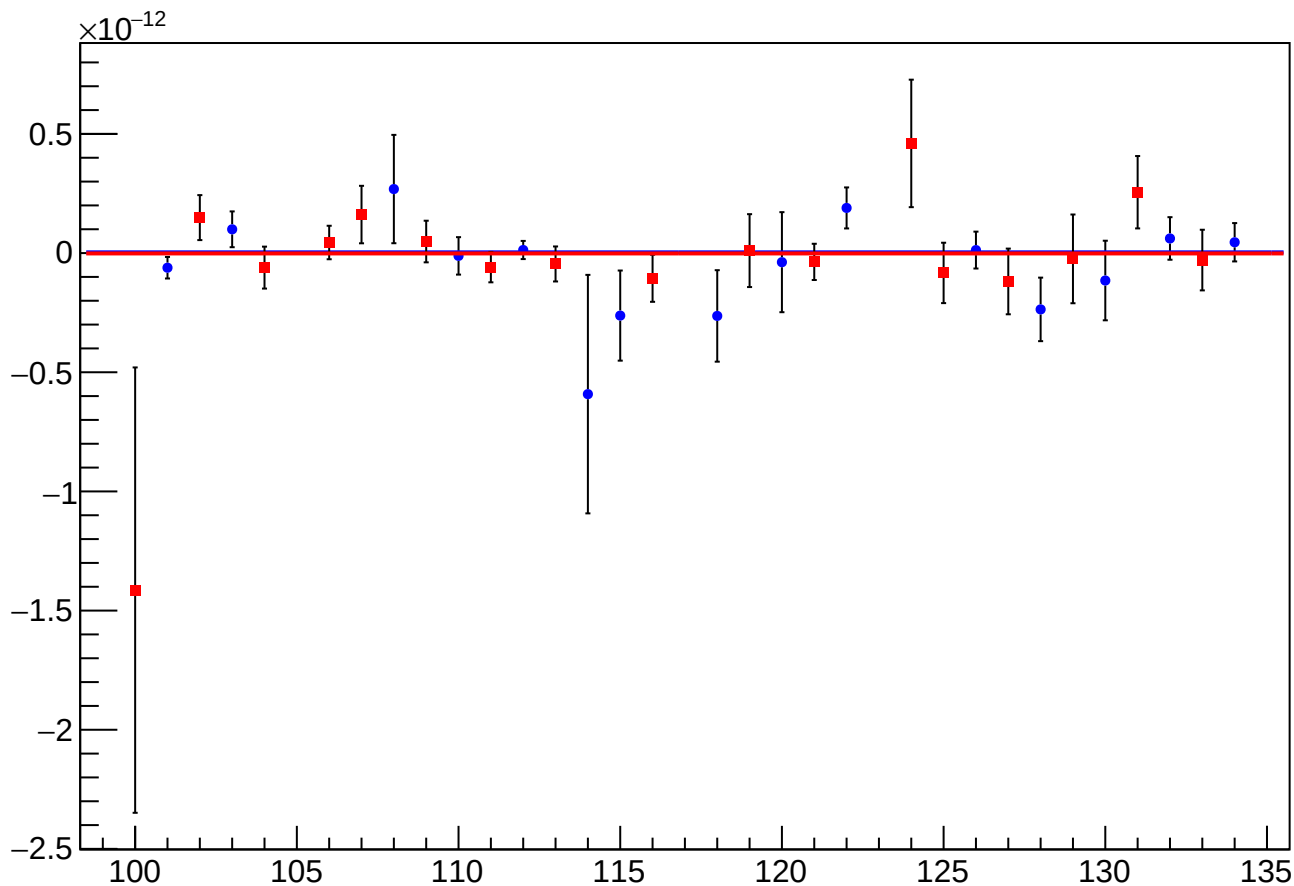
Right: 1010.224+/-0.204 χ^2/NDF : 1373048.8/31

In: 1010.423+/-0.293 χ^2/NDF : 681729.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.224+/-0.204 χ^2/NDF : 1373048.8/31

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 19.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 17.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

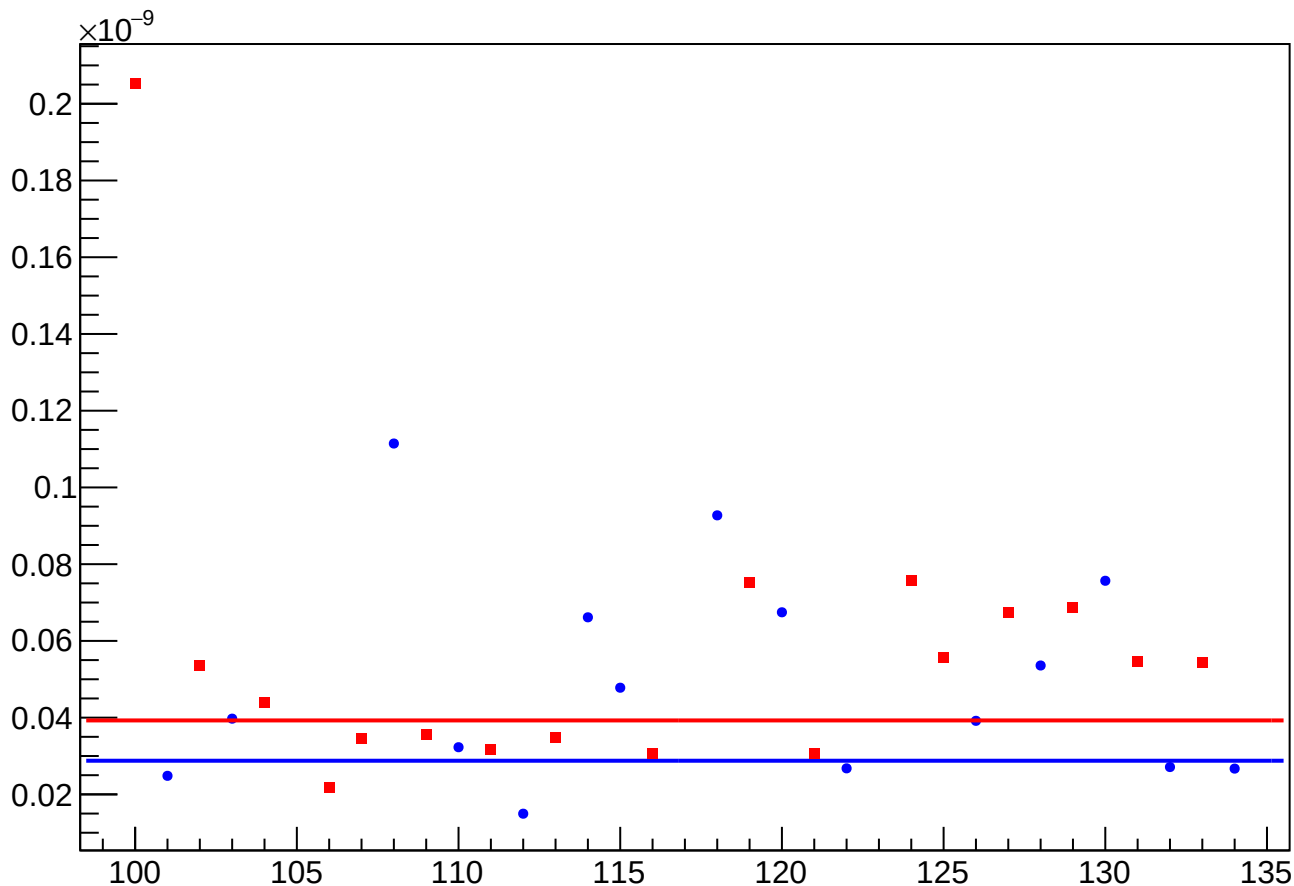
Right: 0.000+/-0.000 χ^2 /NDF: 37.1/31

In: 0.000+/-0.000 χ^2 /NDF:19.7/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 37.1/31

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1176974.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 684986.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

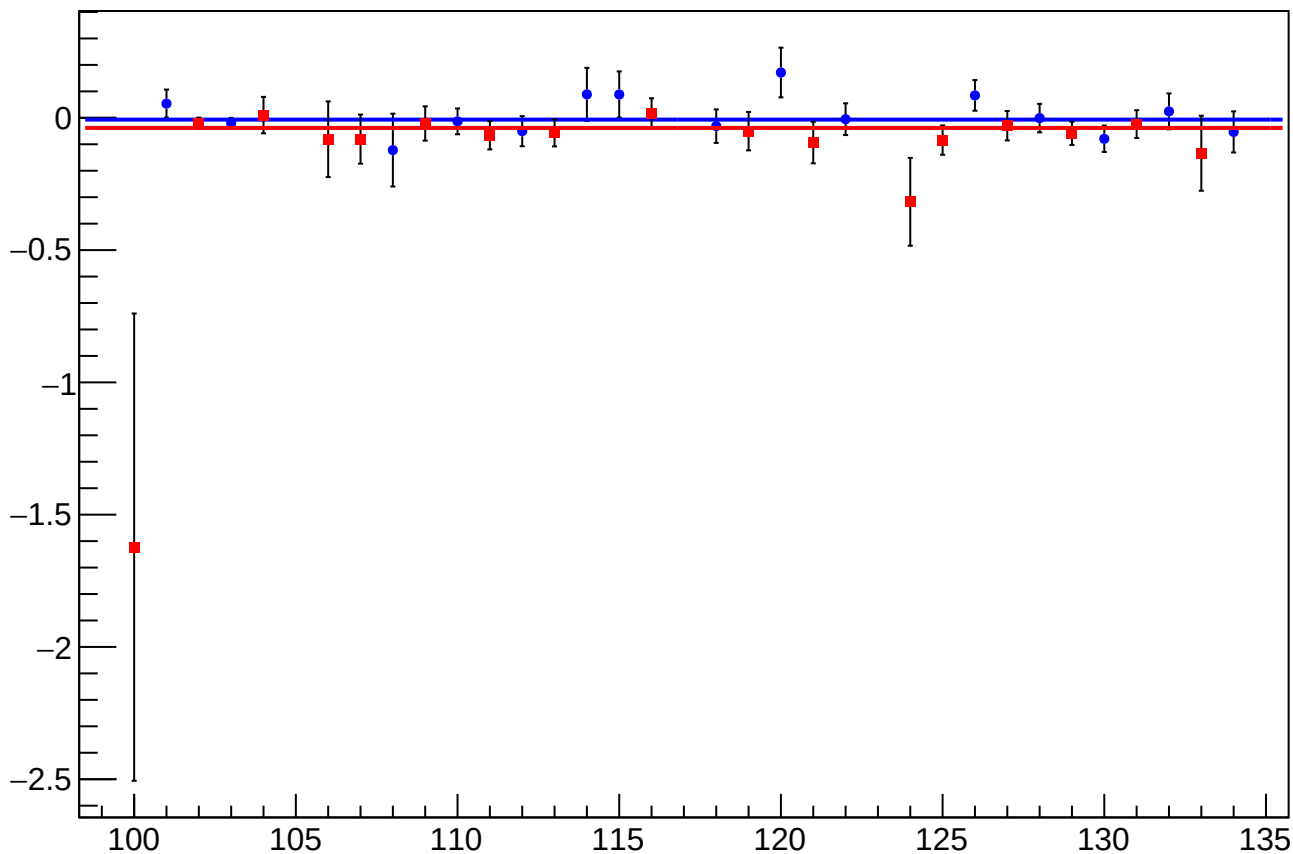
Right: 0.000+/-0.000 χ^2/NDF : 2074326.3/31

In: 0.000+/-0.000 χ^2/NDF : 1176974.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2074326.3/31

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.013 χ^2/NDF : 10.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

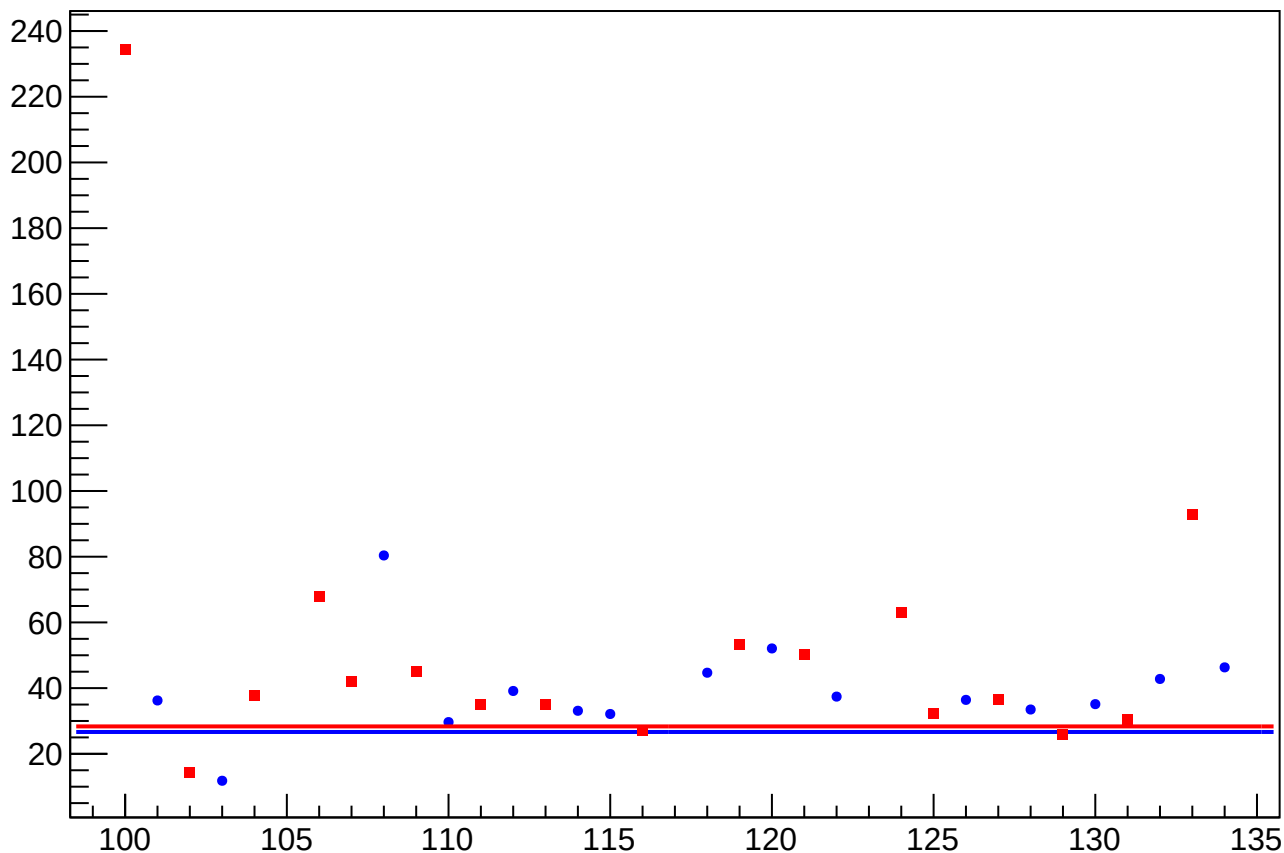
Right: -0.022 ± 0.009 χ^2/NDF : 27.9/31

In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 27.9/31

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.651+/-0.009 χ^2/NDF : 2393854.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.347+/-0.009 χ^2/NDF : 2353583.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

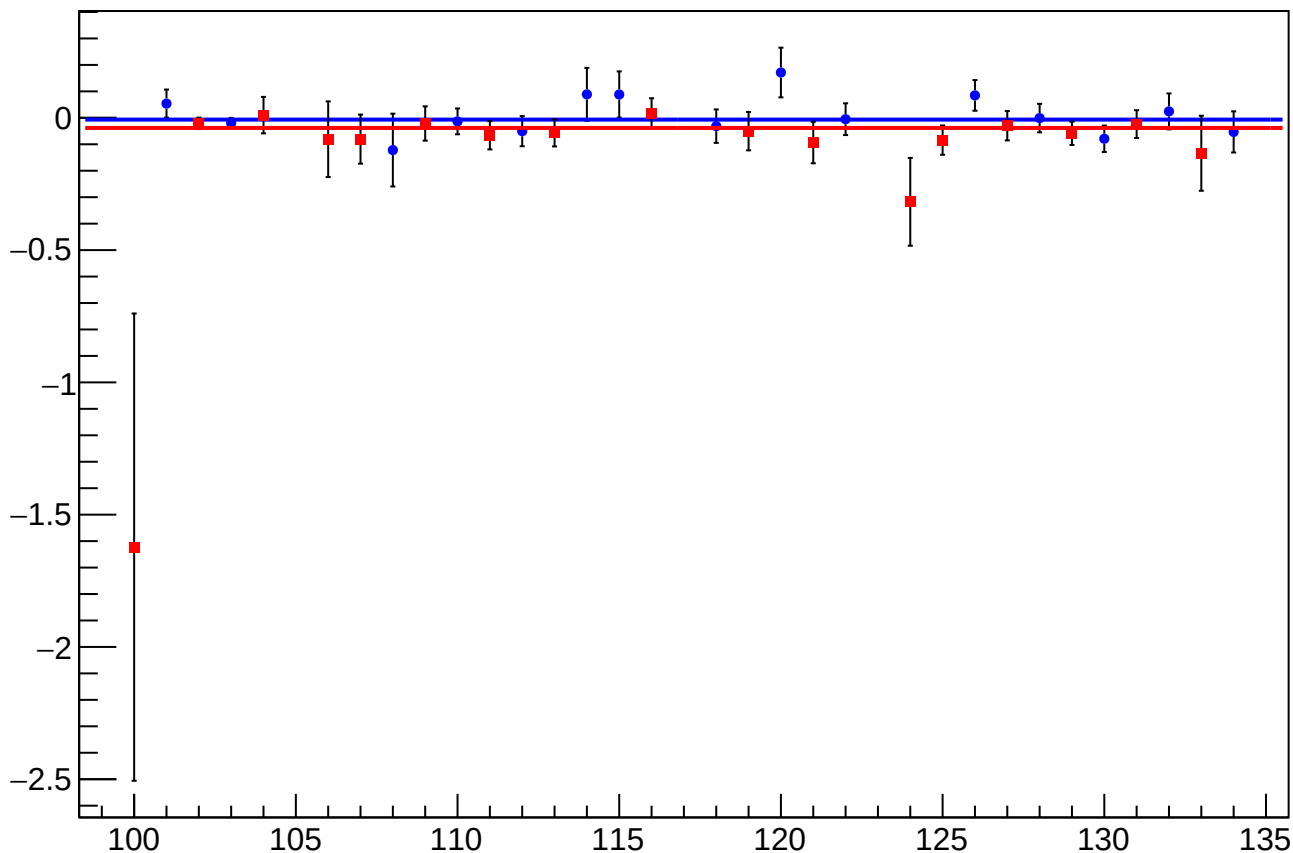
Right: 27.482+/-0.007 χ^2/NDF : 4764405.4/31

In: 26.651+/-0.009 χ^2/NDF : 2393854.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.007 χ^2/NDF : 4764405.4/31

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.013 χ^2/NDF : 10.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

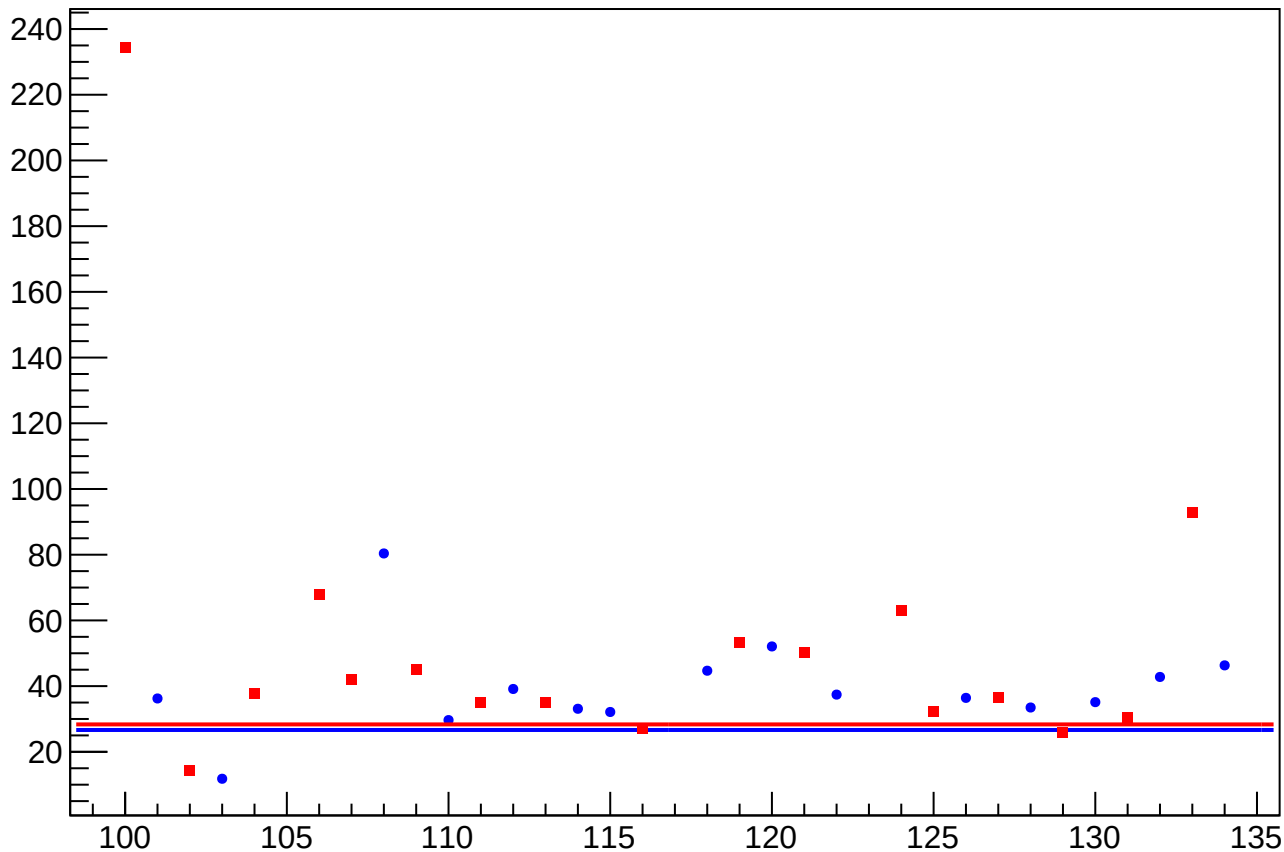
Right: -0.022 ± 0.009 χ^2/NDF : 27.9/31

In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 27.9/31

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.651+/-0.009 χ^2/NDF : 2393854.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.347+/-0.009 χ^2/NDF : 2353583.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

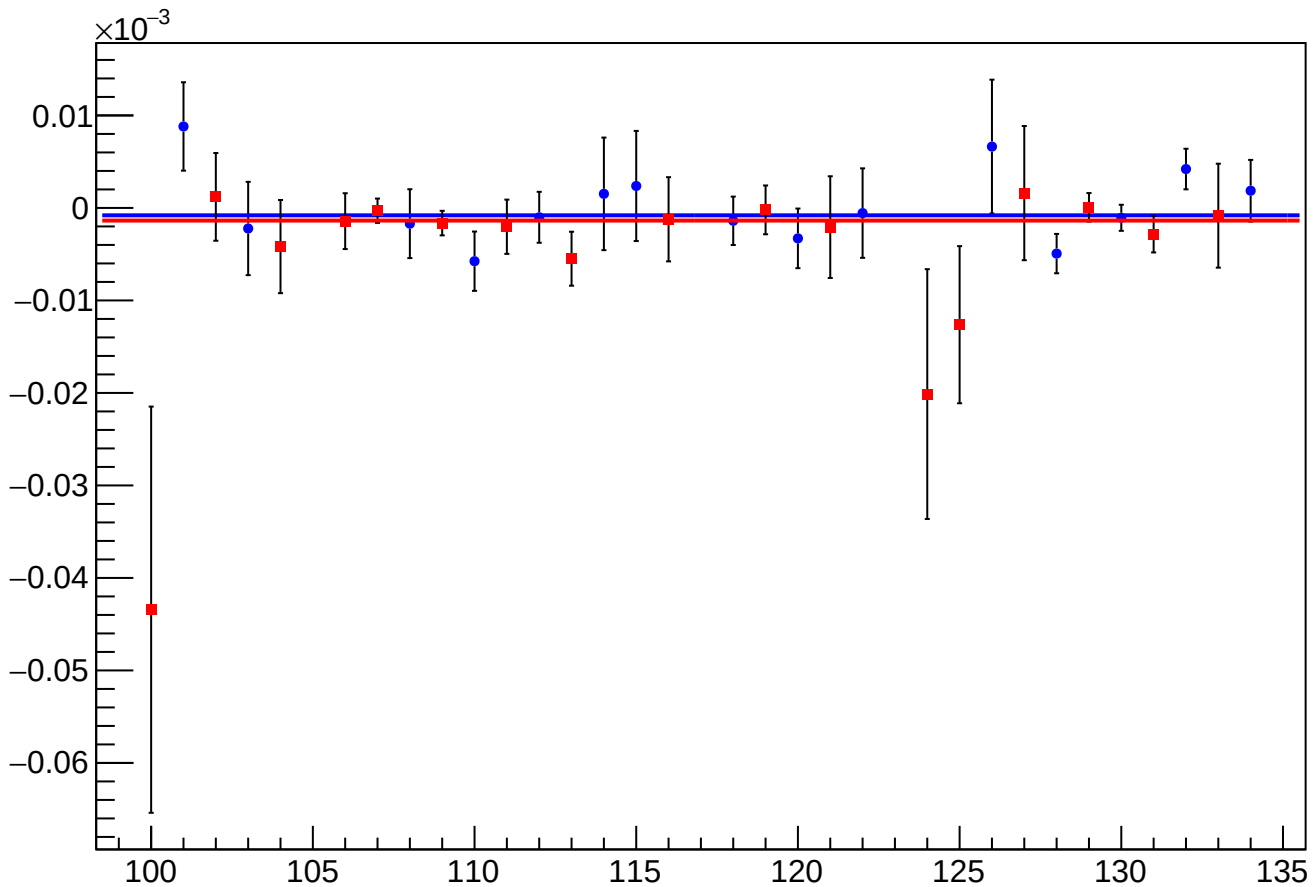
Right: 27.482+/-0.007 χ^2/NDF : 4764405.4/31

In: 26.651+/-0.009 χ^2/NDF : 2393854.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.007 χ^2/NDF : 4764405.4/31

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

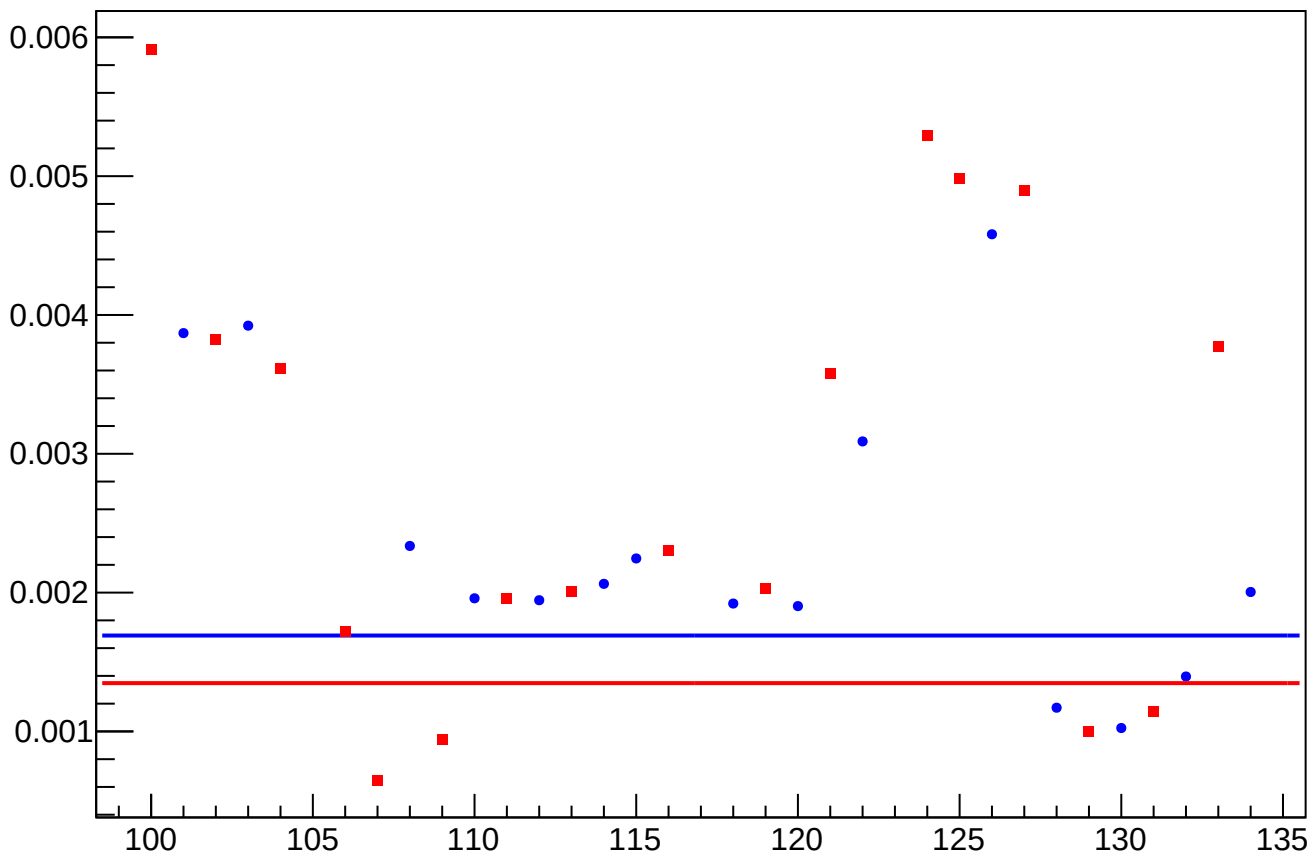
Right: -0.000+/-0.000 χ^2/NDF : 31.2/31

In: -0.000+/-0.000 χ^2/NDF : 18.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.2/31

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2055451.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4074207.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

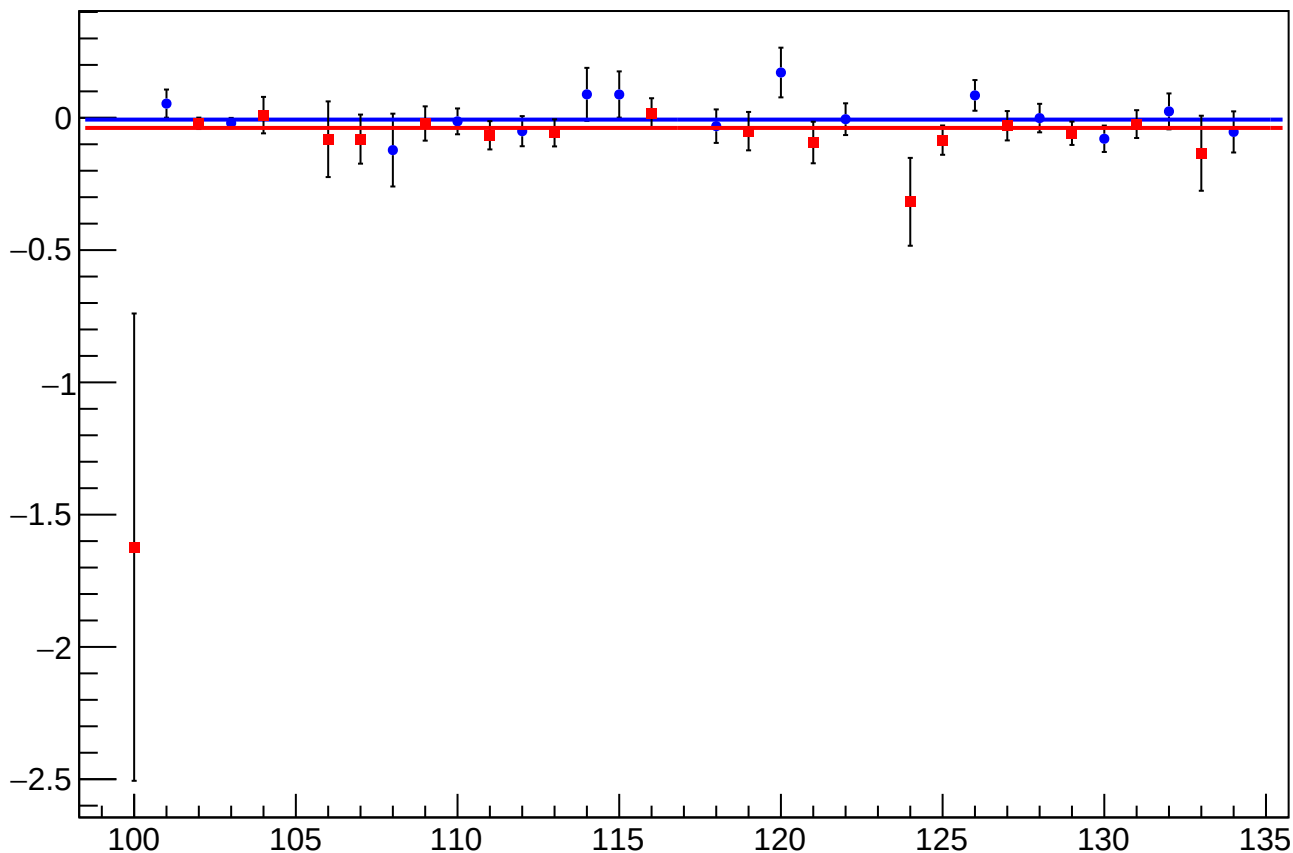
Right: 0.001+/-0.000 χ^2/NDF : 6374834.5/31

In: 0.002+/-0.000 χ^2/NDF :2055451.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6374834.5/31

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.013 χ^2/NDF : 10.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

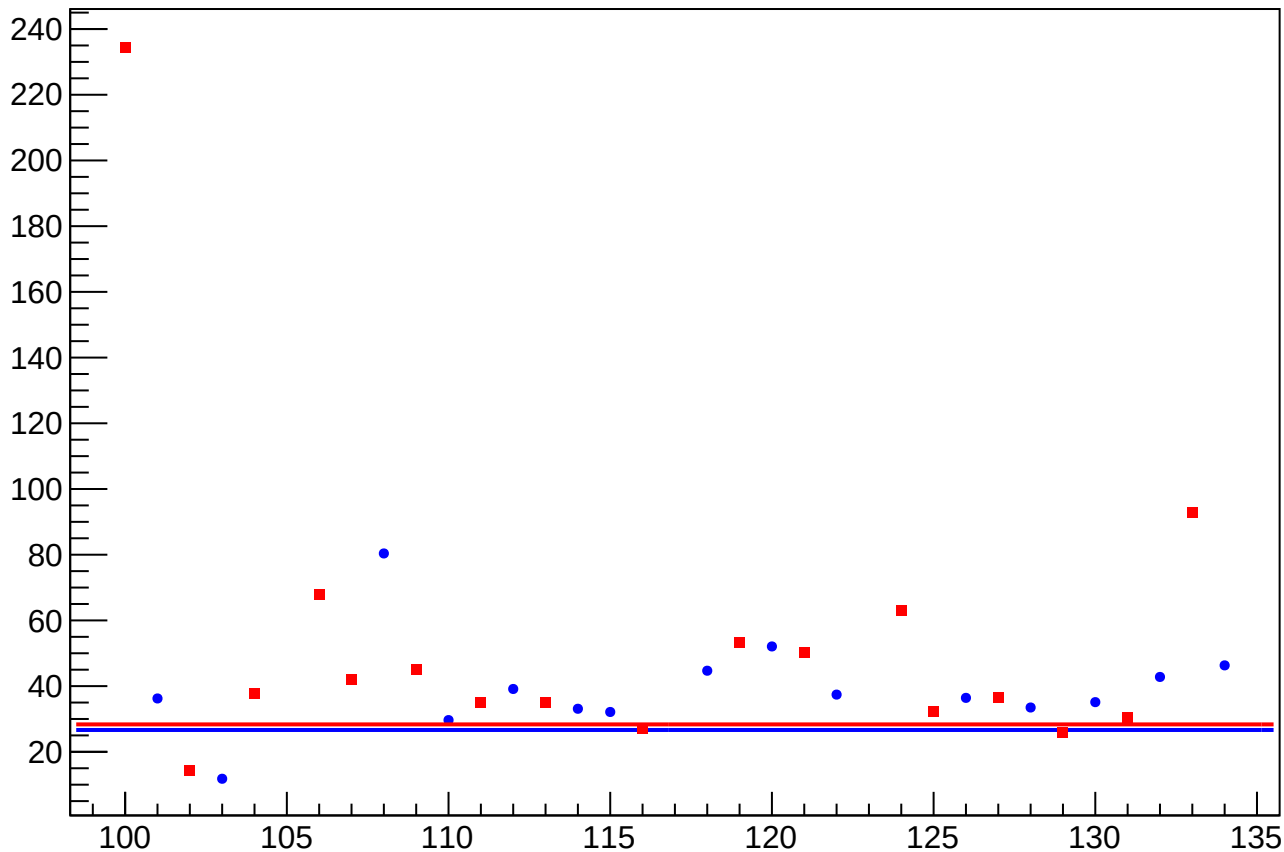
Right: -0.022 ± 0.009 χ^2/NDF : 27.9/31

In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 27.9/31

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.650+/-0.009 χ^2/NDF : 2394189.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.350+/-0.009 χ^2/NDF : 2353039.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

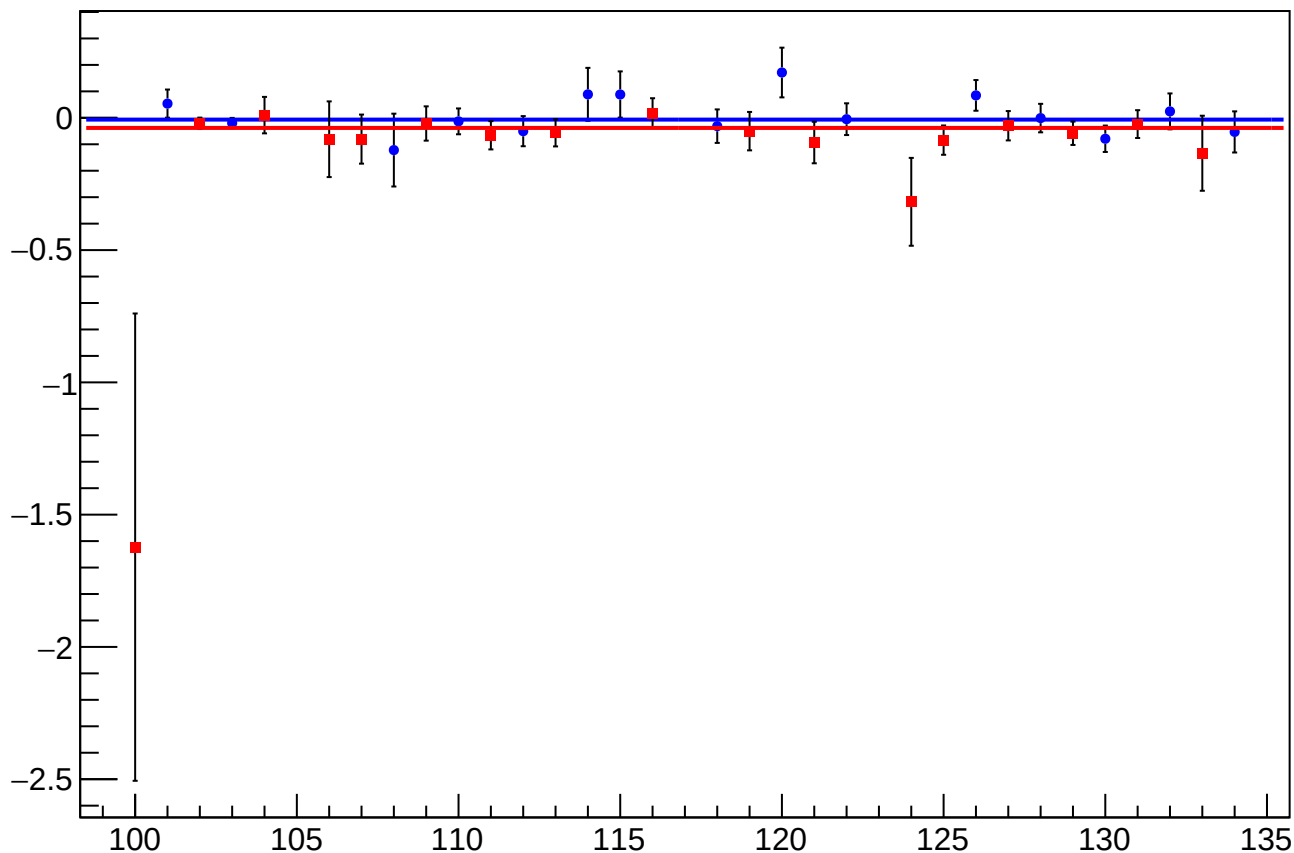
Right: 27.483+/-0.007 χ^2/NDF : 4764268.8/31

In: 26.650+/-0.009 χ^2/NDF : 2394189.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.483+/-0.007 χ^2/NDF : 4764268.8/31

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.013 χ^2/NDF : 10.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

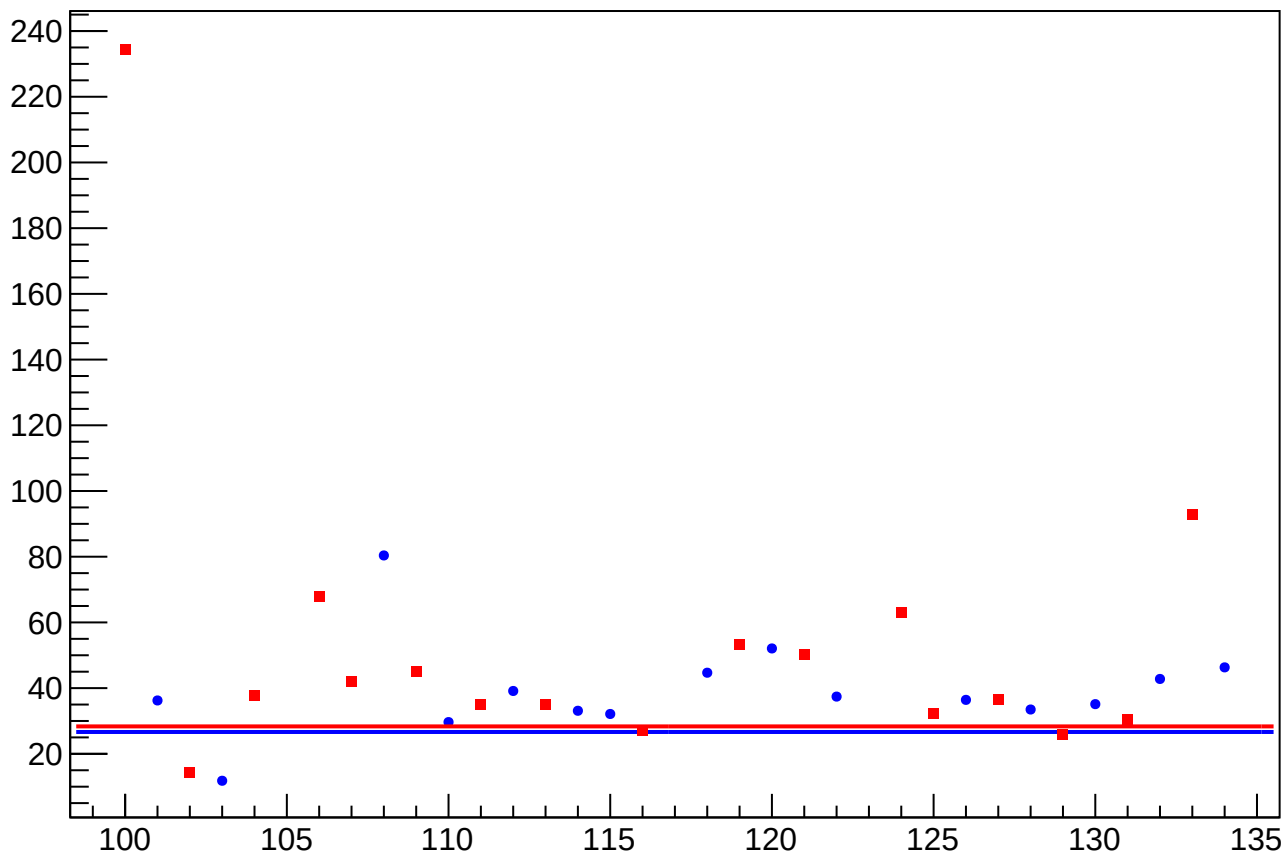
Right: -0.022 ± 0.009 χ^2/NDF : 27.9/31

In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 27.9/31

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.650+/-0.009 χ^2/NDF : 2394189.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.350+/-0.009 χ^2/NDF : 2353039.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

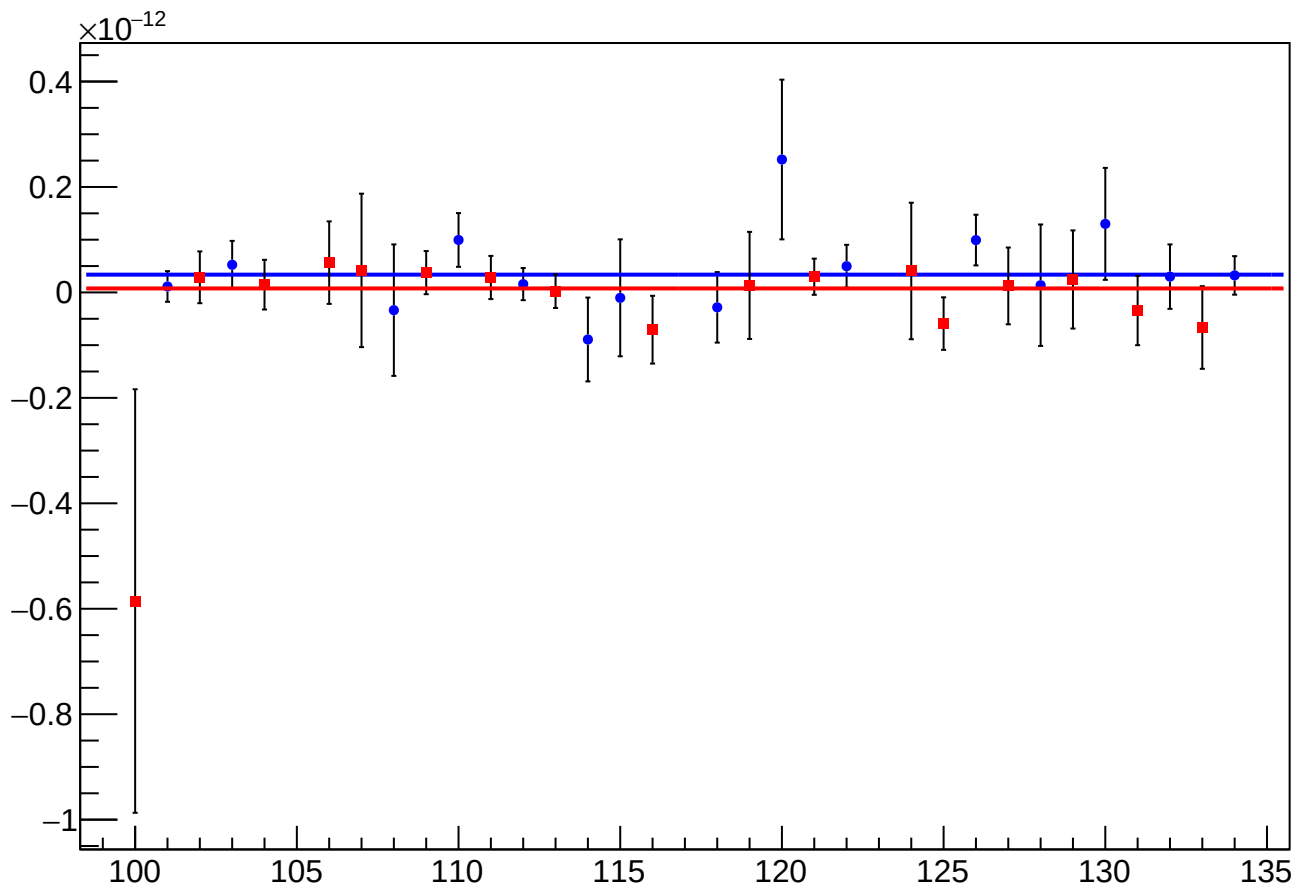
Right: 27.483+/-0.007 χ^2/NDF : 4764268.8/31

In: 26.650+/-0.009 χ^2/NDF : 2394189.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.483+/-0.007 χ^2/NDF : 4764268.8/31

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

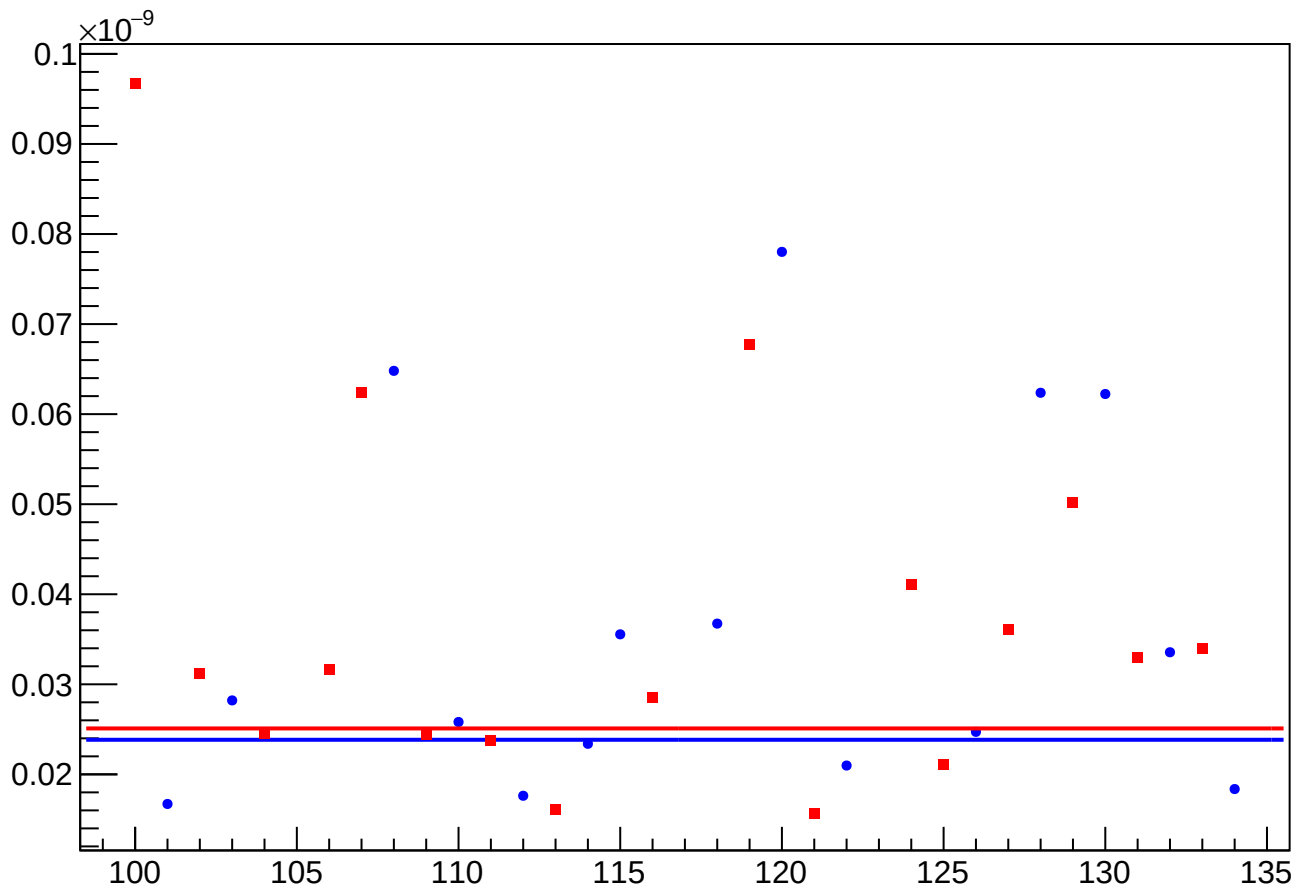
Right: 0.000+/-0.000 χ^2/NDF : 22.2/31

In: 0.000+/-0.000 χ^2/NDF : 11.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.2/31

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1384727.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1201393.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

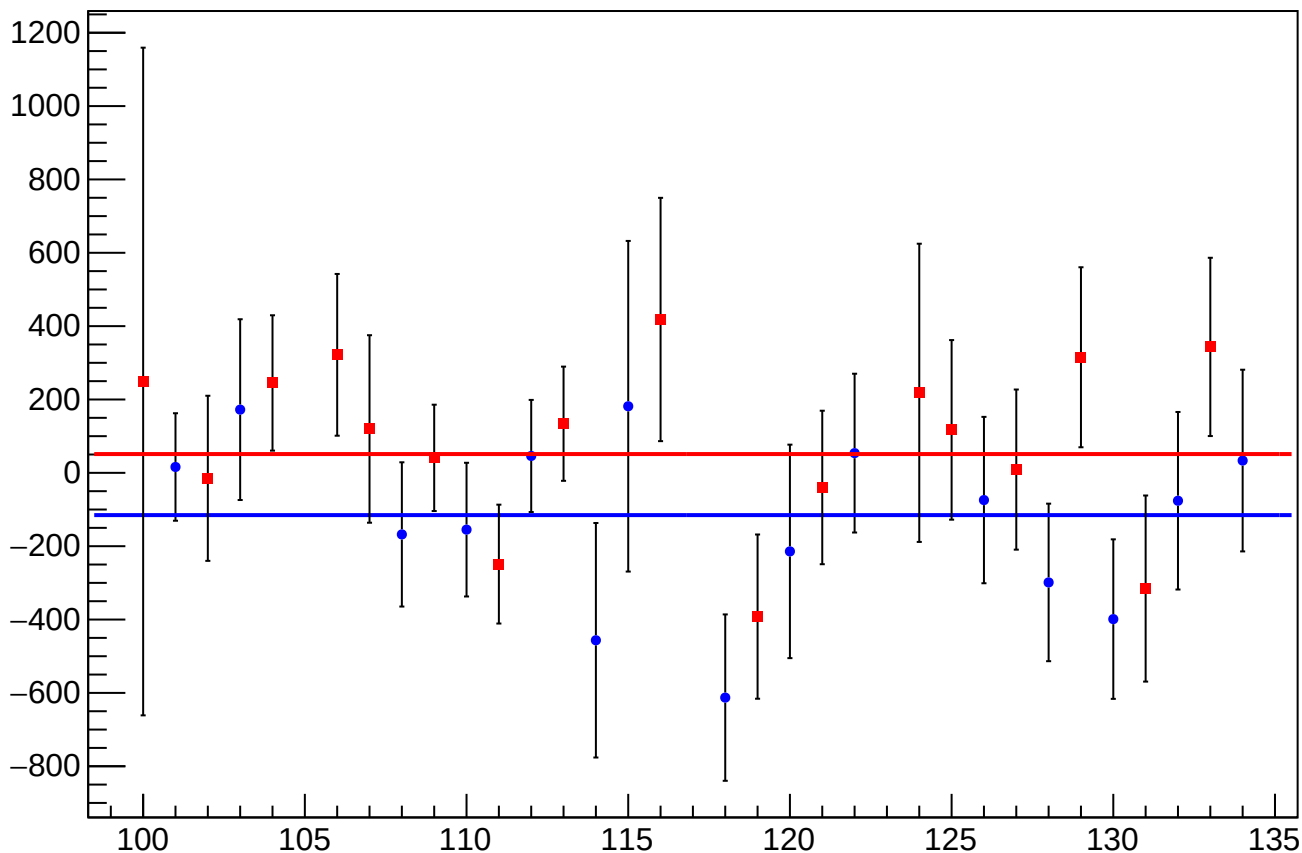
Right: 0.000+/-0.000 χ^2/NDF : 2595260.1/31

In: 0.000+/-0.000 χ^2/NDF : 1384727.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2595260.1/31

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -115.226 $\pm$ 55.495 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.228 $\pm$ 52.869 χ^2 /NDF: 16.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

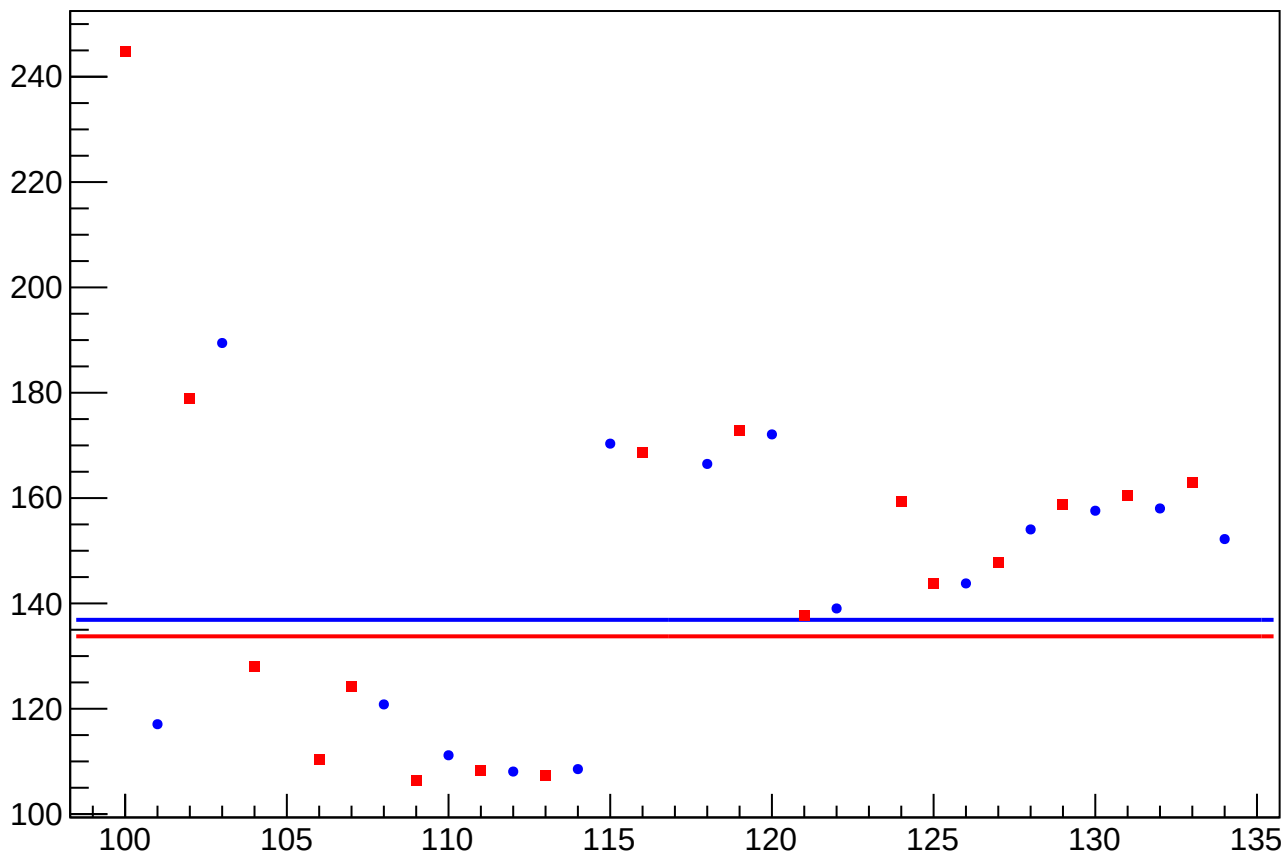
Right: -27.968 $\pm$ 38.279 χ^2 /NDF: 34.9/31

In: -115.226 $\pm$ 55.495 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.968 $\pm$ 38.279 χ^2 /NDF: 34.9/31

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.883+/-0.039 χ^2/NDF : 397727.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.750+/-0.037 χ^2/NDF : 491027.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

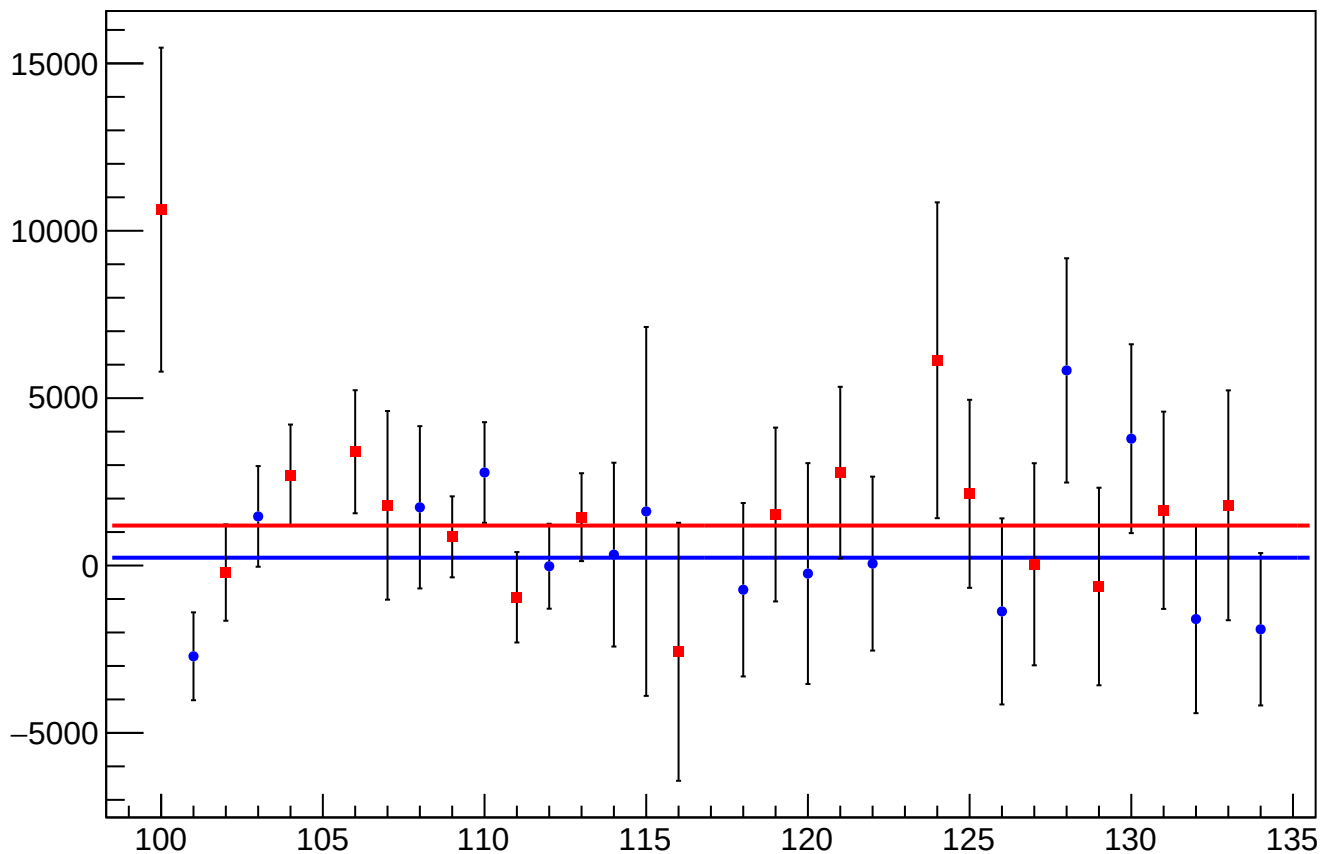
Right: 135.240+/-0.027 χ^2/NDF : 892097.1/31

In: 136.883+/-0.039 χ^2/NDF : 397727.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.240+/-0.027 χ^2/NDF : 892097.1/31

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 233.962 $\pm$ 536.381 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1194.254 $\pm$ 490.182 χ^2 /NDF: 13.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

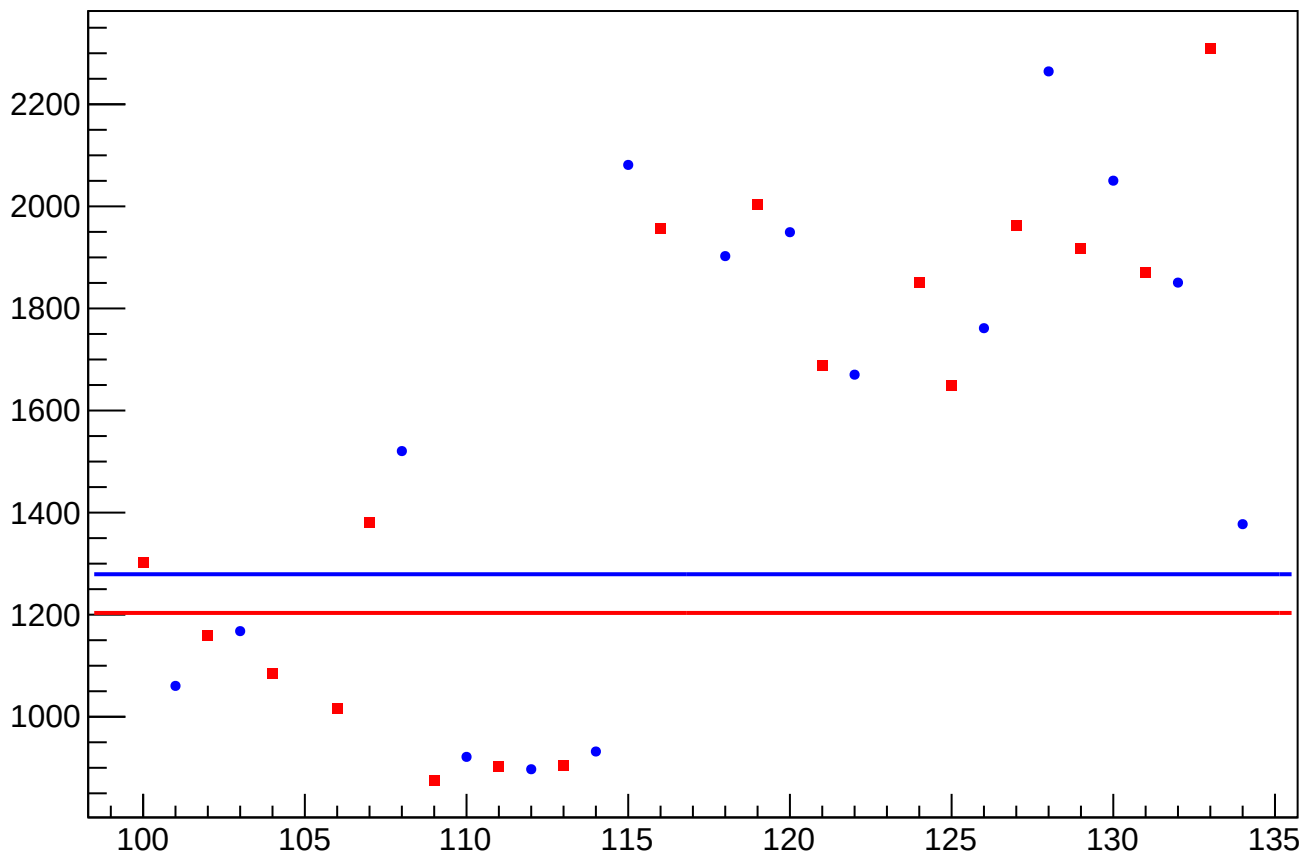
Right: 757.237 $\pm$ 361.844 χ^2 /NDF: 30.0/31

In: 233.962 $\pm$ 536.381 χ^2 /NDF:15.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 757.237 $\pm$ 361.844 χ^2 /NDF: 30.0/31

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1279.248+/-0.379 χ^2/NDF : 1168166.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.429+/-0.347 χ^2/NDF : 1372891.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

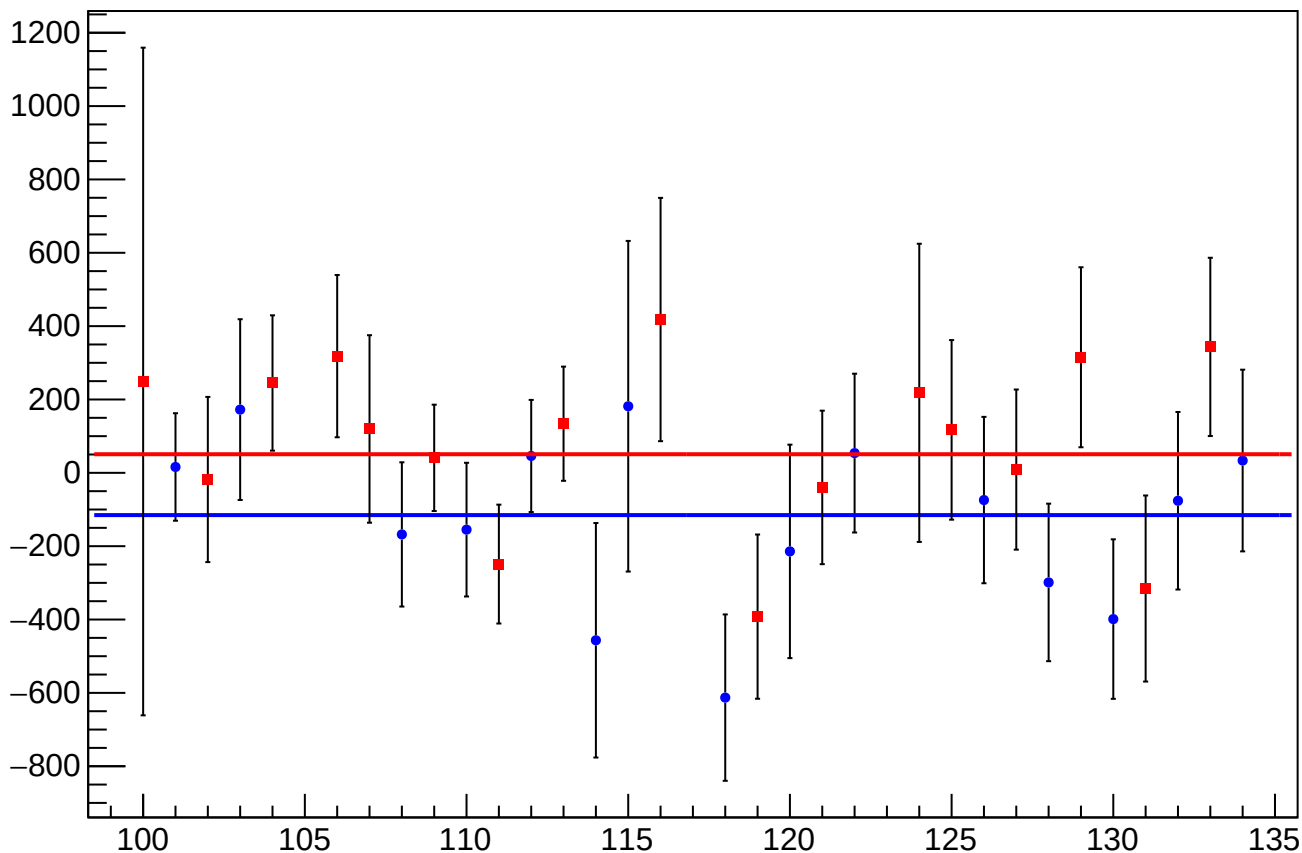
Right: 1237.934+/-0.256 χ^2/NDF : 2562833.1/31

In: 1279.248+/-0.379 χ^2/NDF : 1168166.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1237.934+/-0.256 χ^2/NDF : 2562833.1/31

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -115.241 $\pm$ 55.495 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.738 $\pm$ 52.880 χ^2 /NDF: 16.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

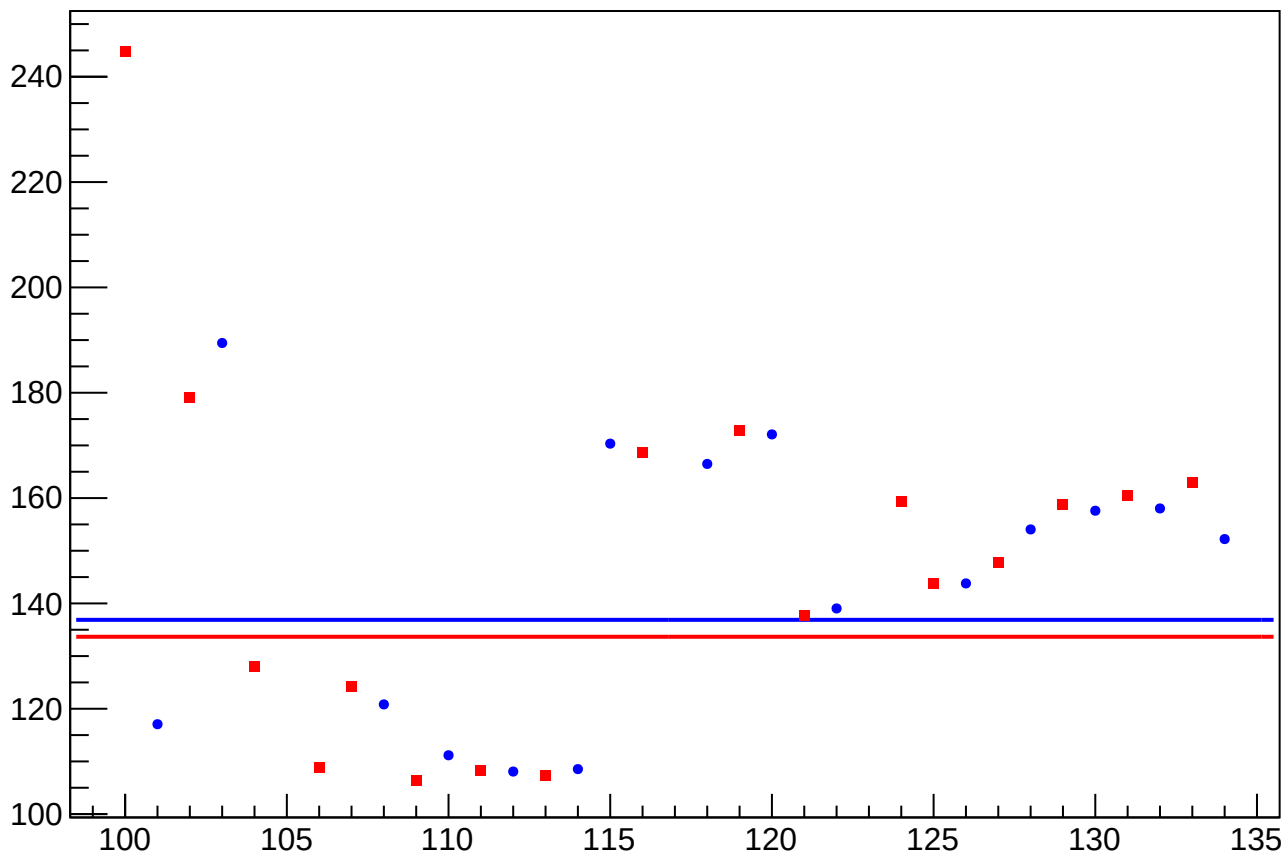
Right: -28.249 $\pm$ 38.283 χ^2 /NDF: 34.8/31

In: -115.241 $\pm$ 55.495 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.249 $\pm$ 38.283 χ^2 /NDF: 34.8/31

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.883+/-0.039 χ^2/NDF : 397730.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.669+/-0.037 χ^2/NDF : 494245.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

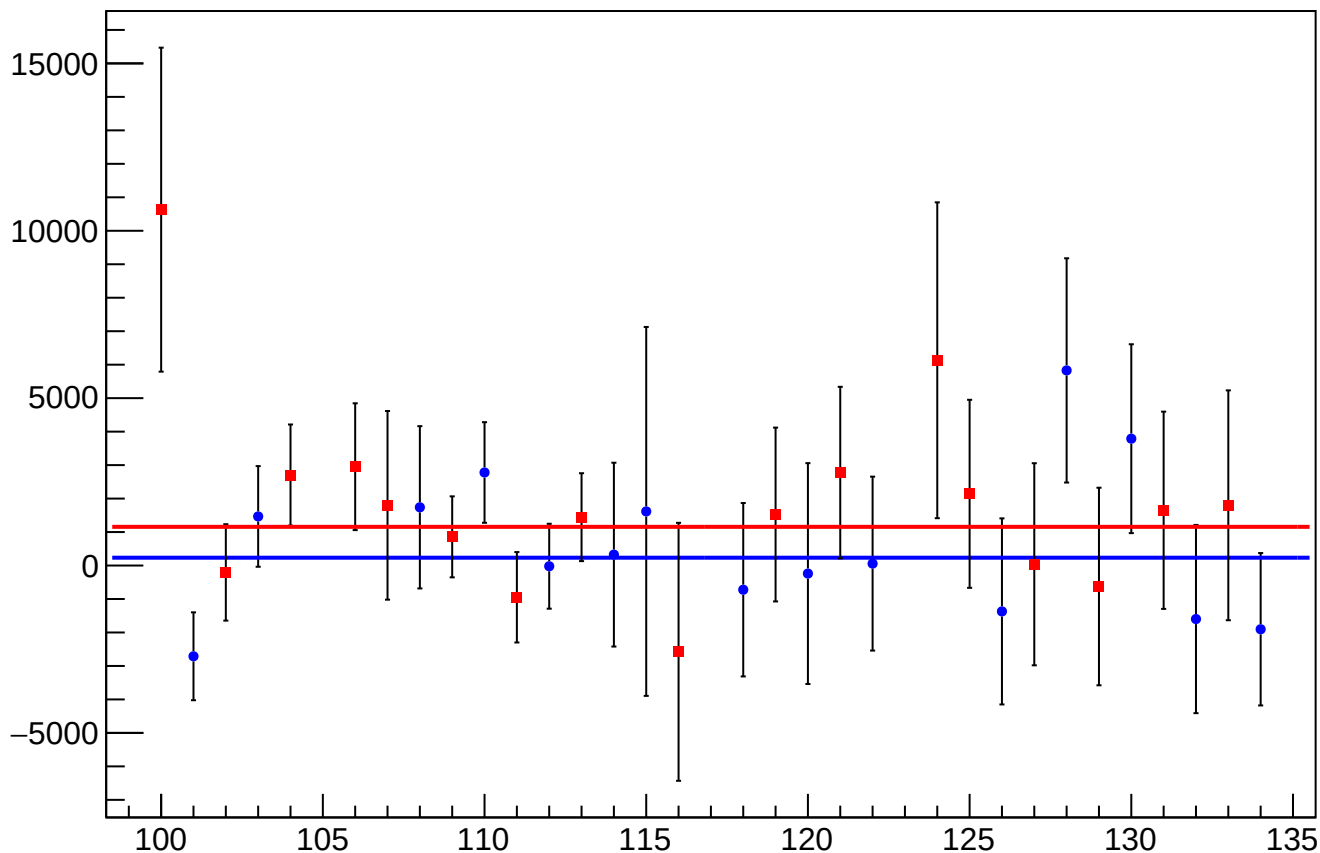
Right: 135.198+/-0.027 χ^2/NDF : 895492.2/31

In: 136.883+/-0.039 χ^2/NDF : 397730.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.198+/-0.027 χ^2/NDF : 895492.2/31

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 233.889+/-536.387 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.877+/-491.241 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

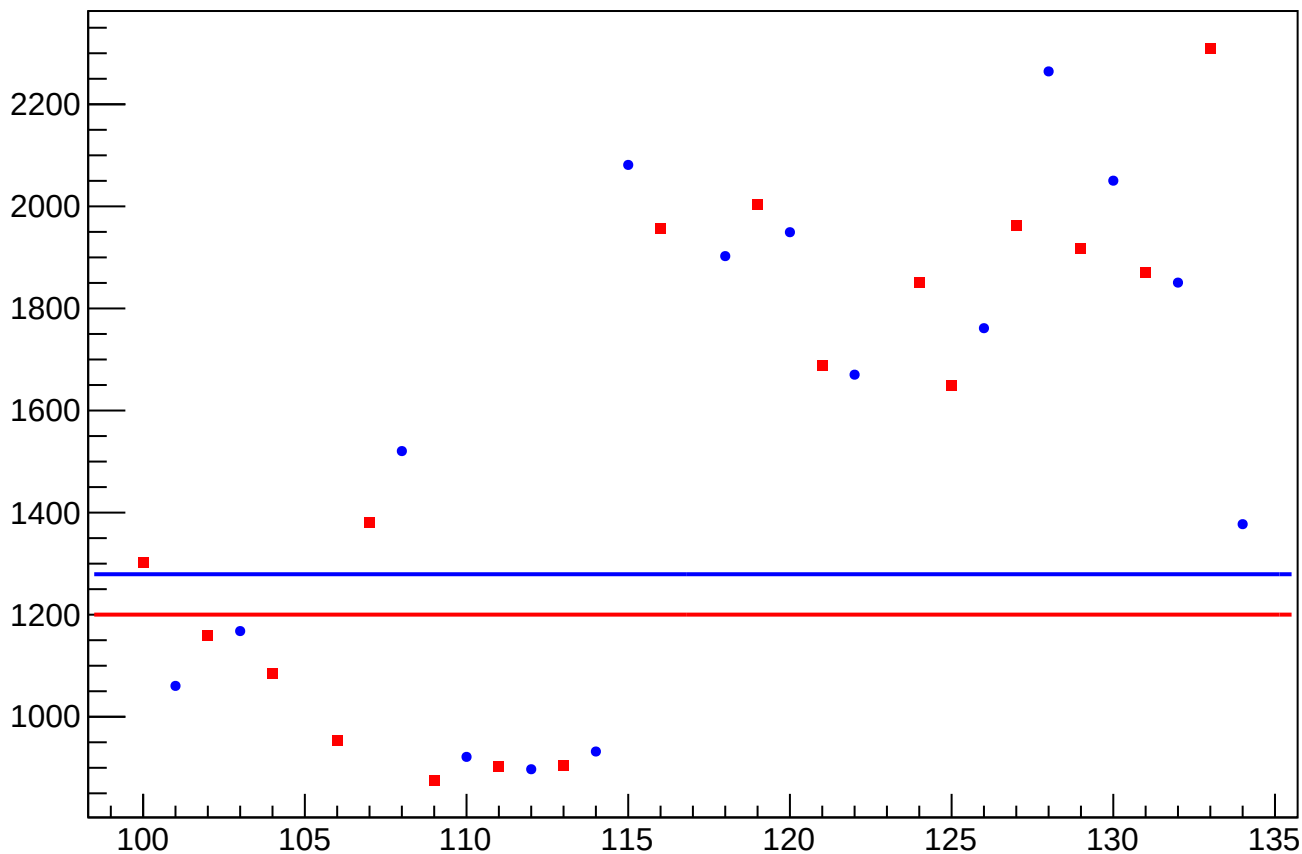
Right: 735.310+/-362.271 χ^2/NDF : 29.3/31

In: 233.889+/-536.387 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.310+/-362.271 χ^2/NDF : 29.3/31

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1279.264+/-0.379 χ^2/NDF : 1168142.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.134+/-0.347 χ^2/NDF : 1386585.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

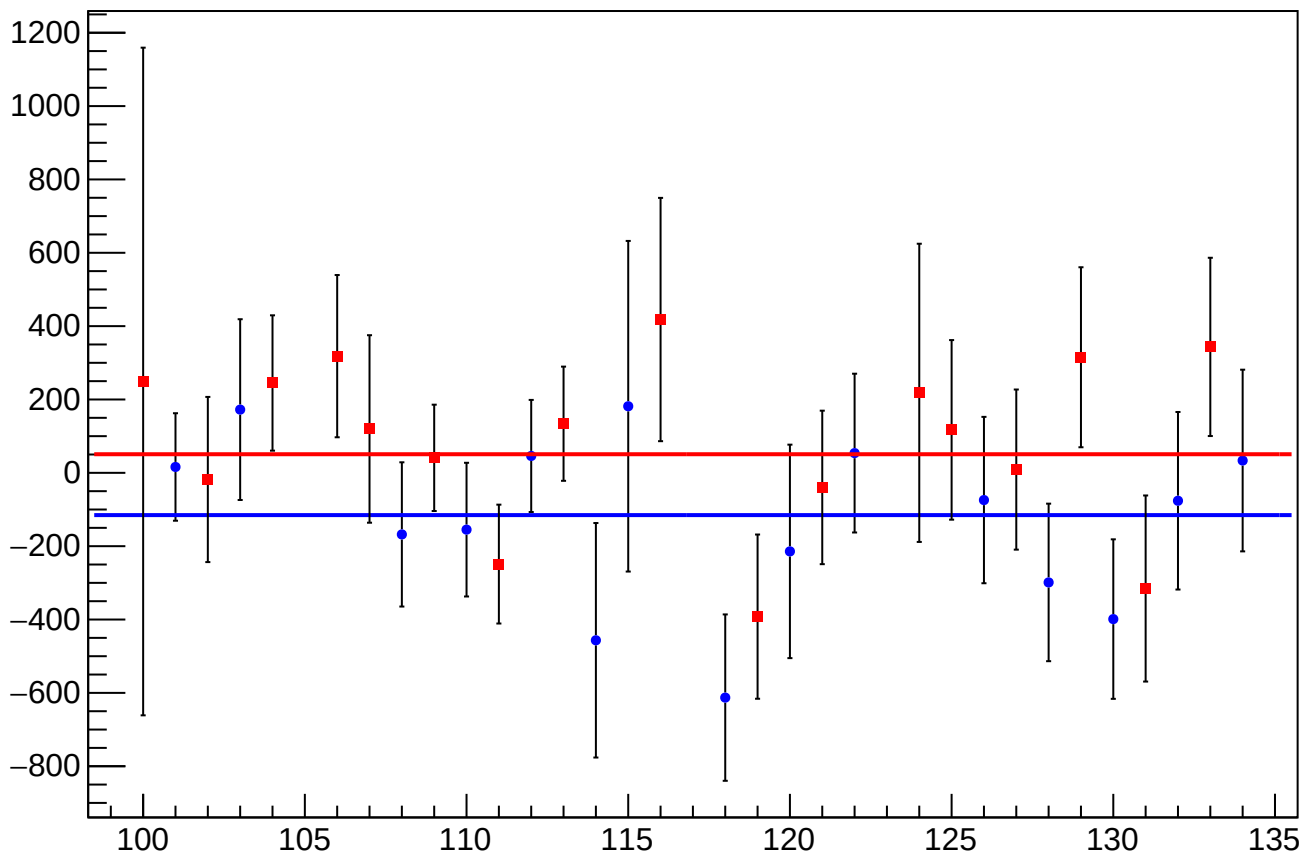
Right: 1236.229+/-0.256 χ^2/NDF : 2578400.7/31

In: 1279.264+/-0.379 χ^2/NDF : 1168142.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.229+/-0.256 χ^2/NDF : 2578400.7/31

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -115.241 $\pm$ 55.495 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.738 $\pm$ 52.880 χ^2 /NDF: 16.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

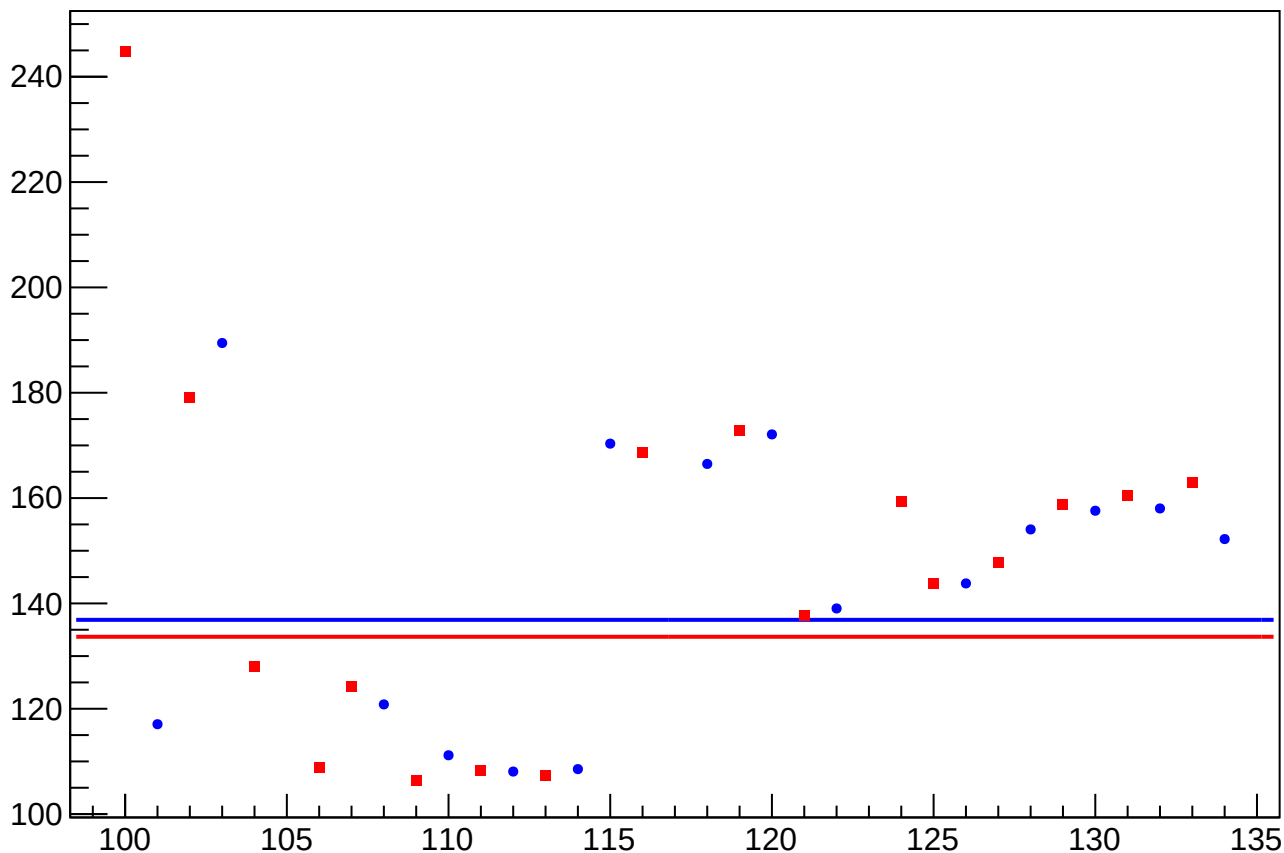
Right: -28.249 $\pm$ 38.283 χ^2 /NDF: 34.8/31

In: -115.241 $\pm$ 55.495 χ^2 /NDF:13.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.249 $\pm$ 38.283 χ^2 /NDF: 34.8/31

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.883+/-0.039 χ^2/NDF : 397730.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.669+/-0.037 χ^2/NDF : 494245.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

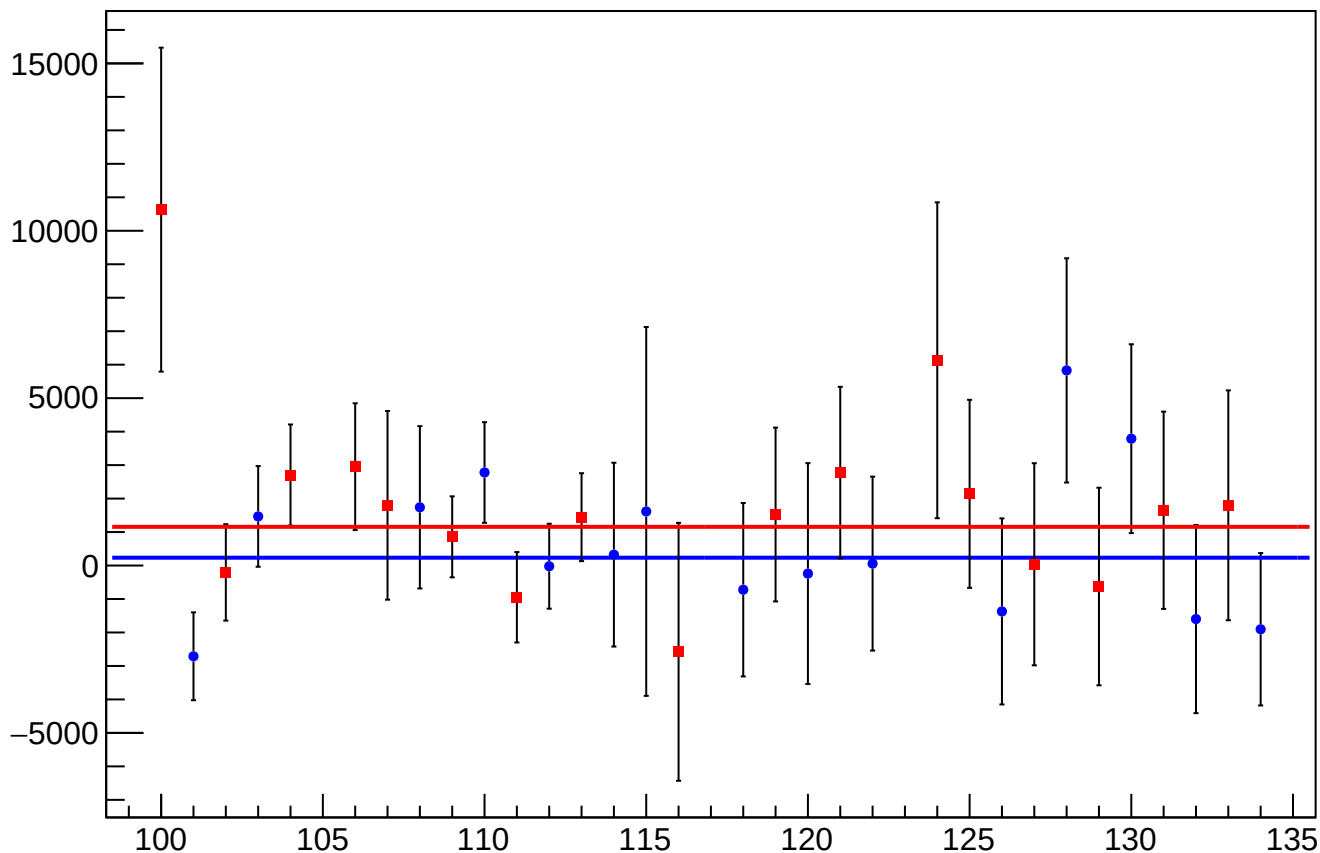
Right: 135.198+/-0.027 χ^2/NDF : 895492.2/31

In: 136.883+/-0.039 χ^2/NDF : 397730.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.198+/-0.027 χ^2/NDF : 895492.2/31

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 233.889+/-536.387 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.877+/-491.241 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

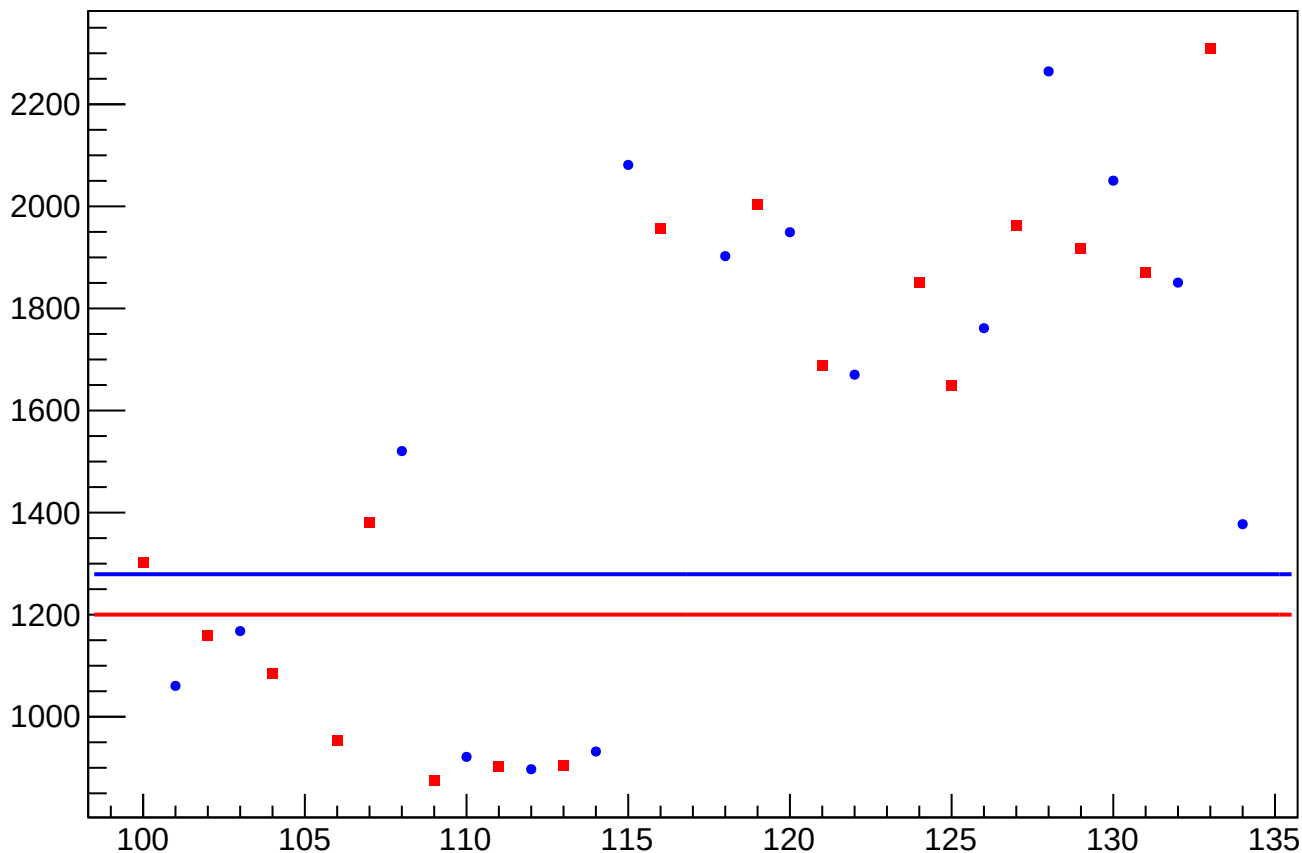
Right: 735.310+/-362.271 χ^2/NDF : 29.3/31

In: 233.889+/-536.387 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.310+/-362.271 χ^2/NDF : 29.3/31

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1279.264+/-0.379 χ^2/NDF : 1168142.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.134+/-0.347 χ^2/NDF : 1386585.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

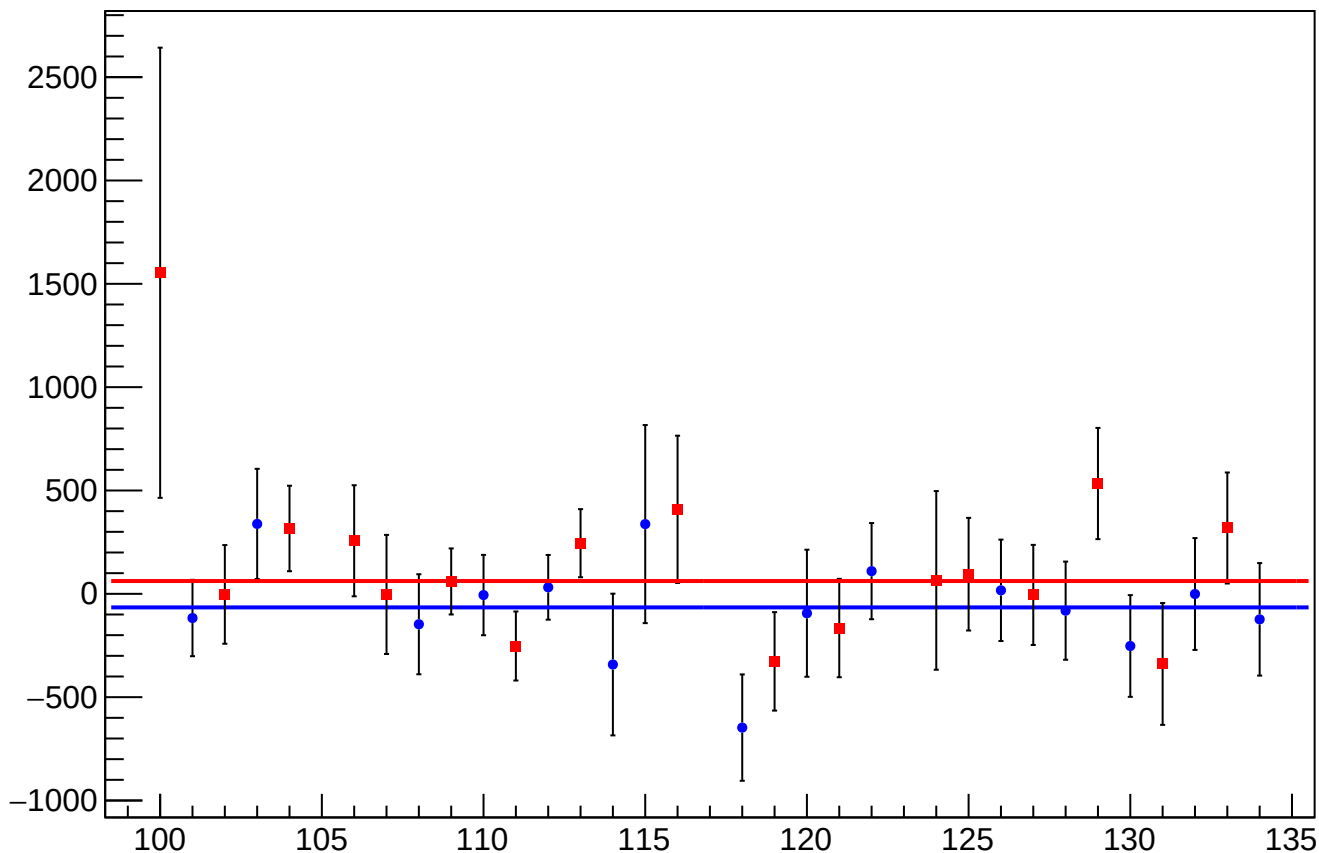
Right: 1236.229+/-0.256 χ^2/NDF : 2578400.7/31

In: 1279.264+/-0.379 χ^2/NDF : 1168142.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.229+/-0.256 χ^2/NDF : 2578400.7/31

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -65.600 $\pm$ 61.695 χ^2 /NDF: 10.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 61.980 $\pm$ 57.957 χ^2 /NDF: 19.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

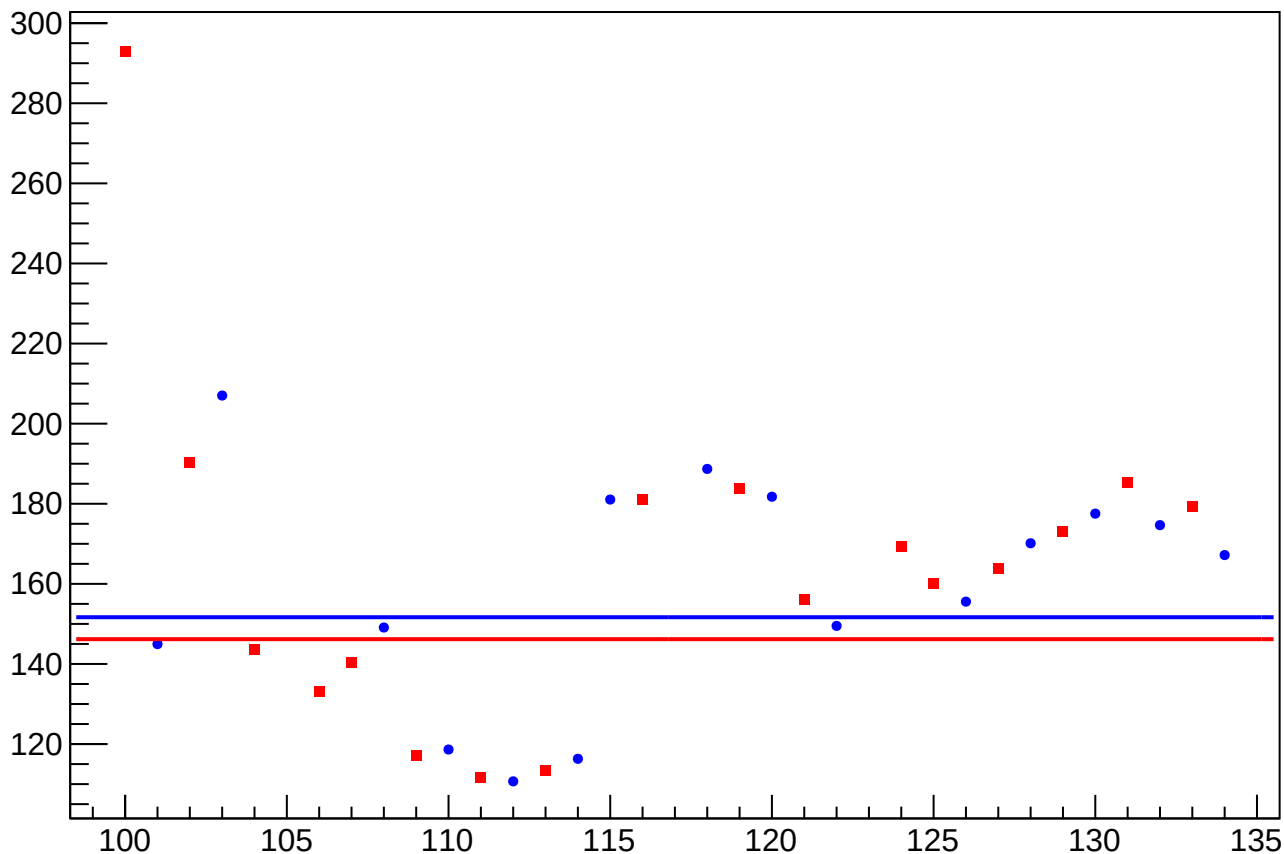
Right: 2.171 $\pm$ 42.241 χ^2 /NDF: 32.4/31

In: -65.600 $\pm$ 61.695 χ^2 /NDF:10.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.171 $\pm$ 42.241 χ^2 /NDF: 32.4/31

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 151.669+/-0.044 χ^2/NDF : 429068.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.190+/-0.041 χ^2/NDF : 521459.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

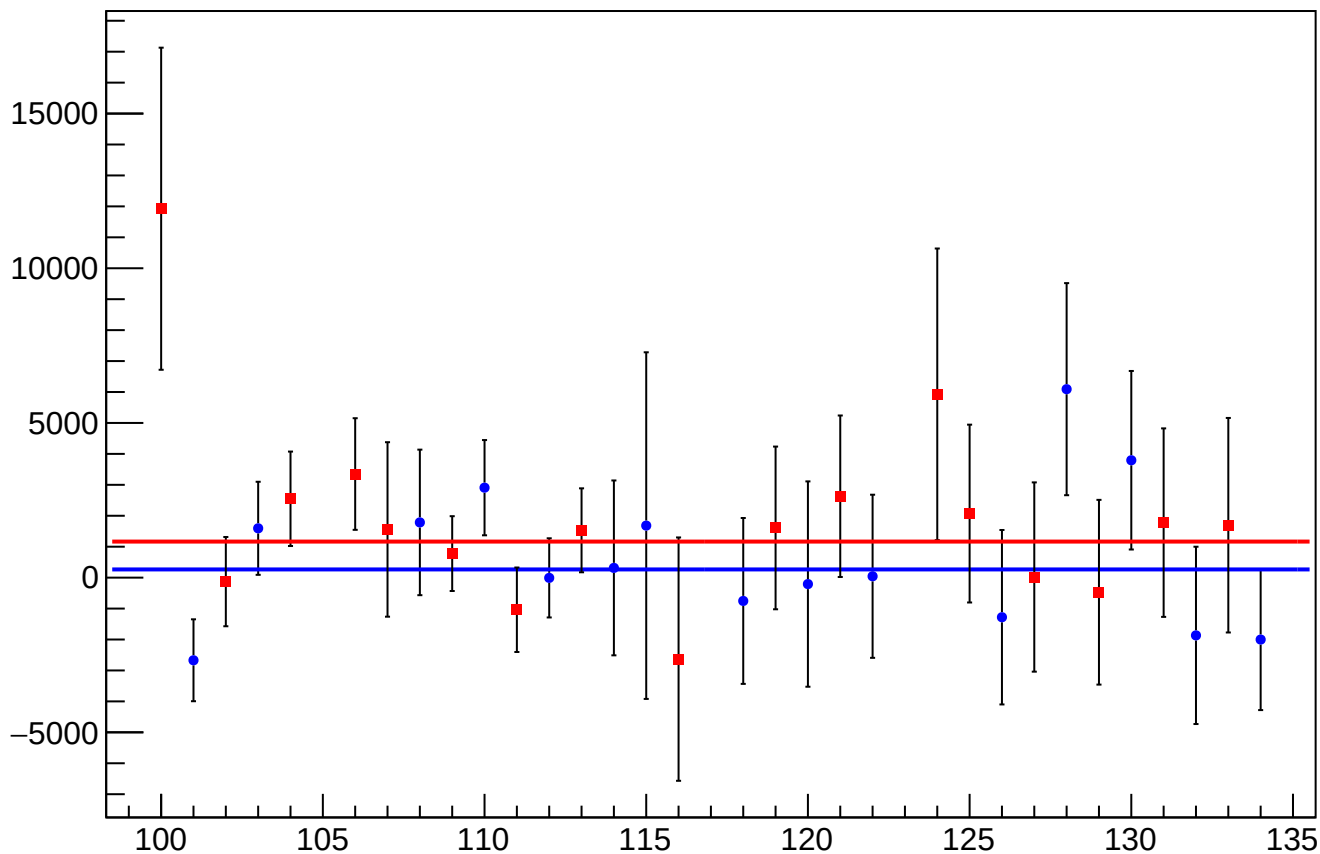
Right: 148.758+/-0.030 χ^2/NDF : 958908.3/31

In: 151.669+/-0.044 χ^2/NDF : 429068.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.758+/-0.030 χ^2/NDF : 958908.3/31

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 265.139+/-542.118 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.519+/-495.337 χ^2/NDF : 13.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

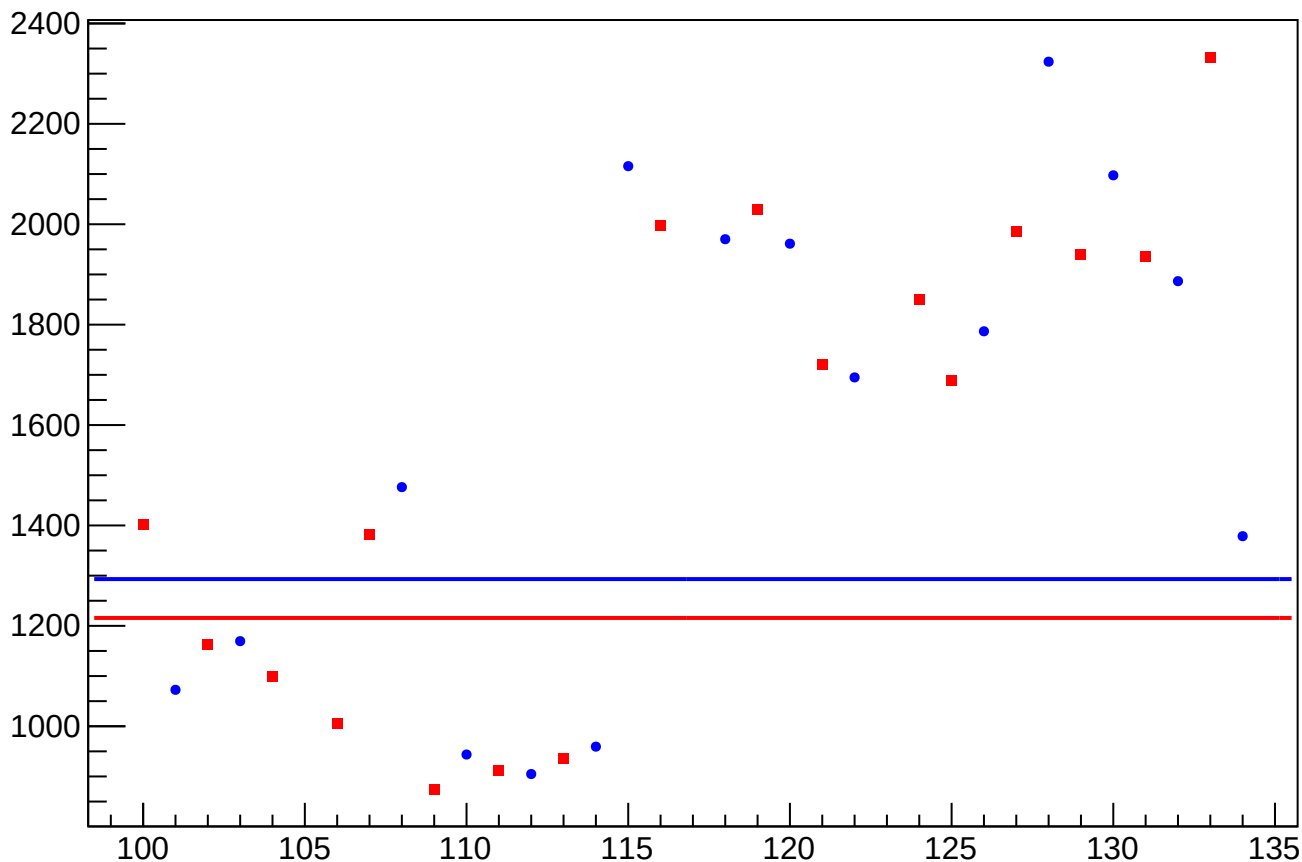
Right: 755.847+/-365.678 χ^2/NDF : 30.1/31

In: 265.139+/-542.118 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.847+/-365.678 χ^2/NDF : 30.1/31

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.175+/-0.383 χ^2/NDF : 1180731.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1215.765+/-0.350 χ^2/NDF : 1393446.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

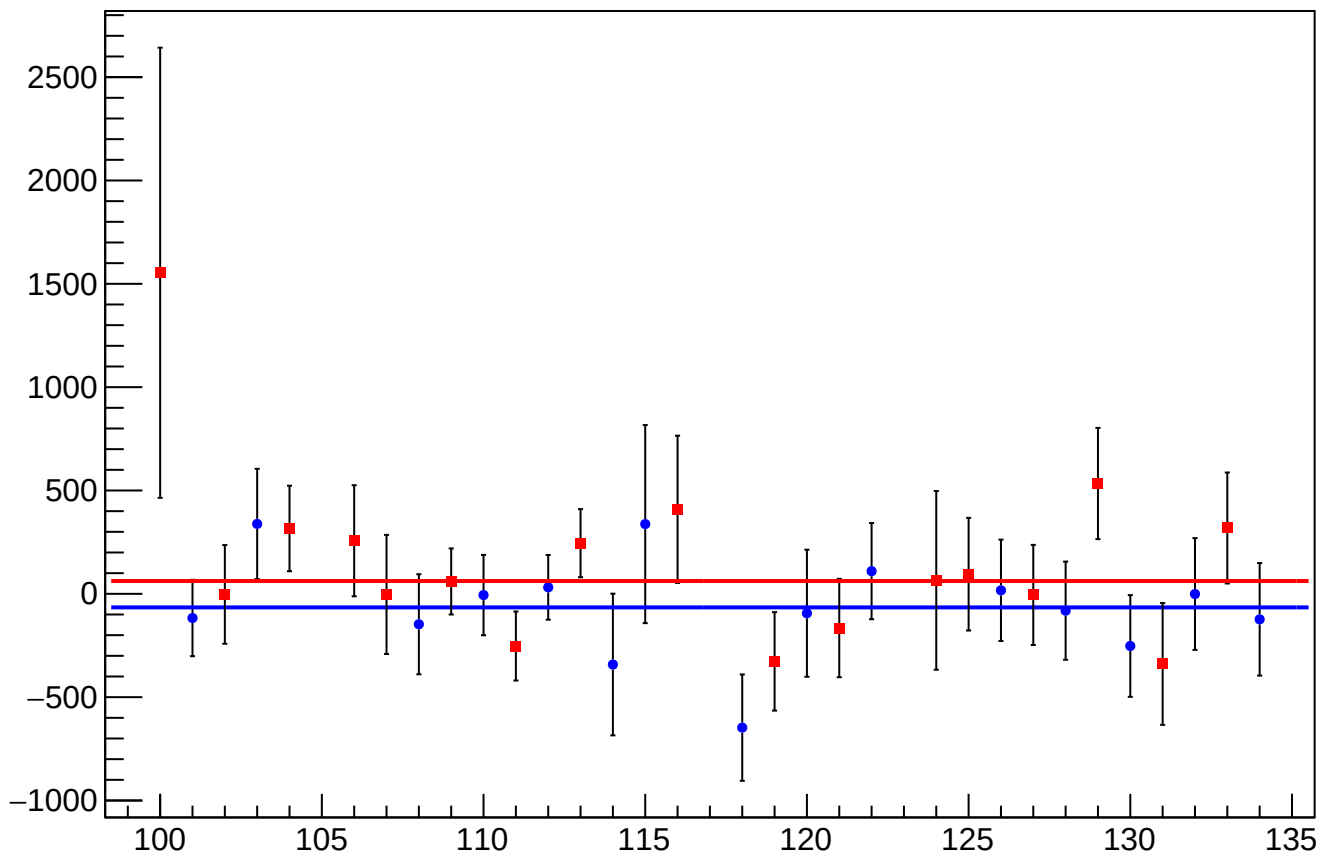
Right: 1250.987+/-0.259 χ^2/NDF : 2596402.7/31

In: 1293.175+/-0.383 χ^2/NDF : 1180731.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.987+/-0.259 χ^2/NDF : 2596402.7/31

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -65.600 ± 61.695 χ^2/NDF : 10.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.978 ± 57.957 χ^2/NDF : 19.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

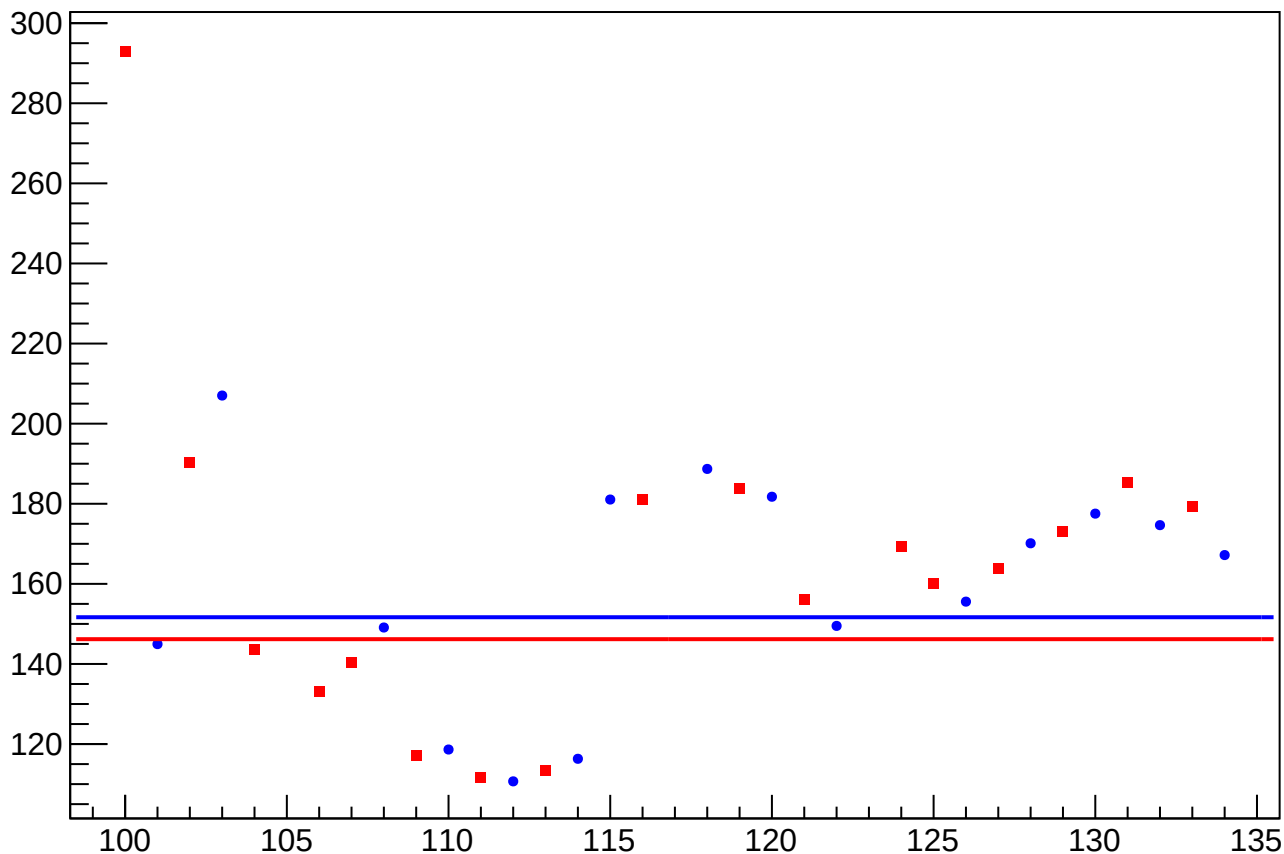
Right: 2.171 ± 42.241 χ^2/NDF : 32.4/31

In: -65.600 ± 61.695 χ^2/NDF : 10.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.171 ± 42.241 χ^2/NDF : 32.4/31

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 151.669+/-0.044 χ^2/NDF : 429071.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.189+/-0.041 χ^2/NDF : 521462.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

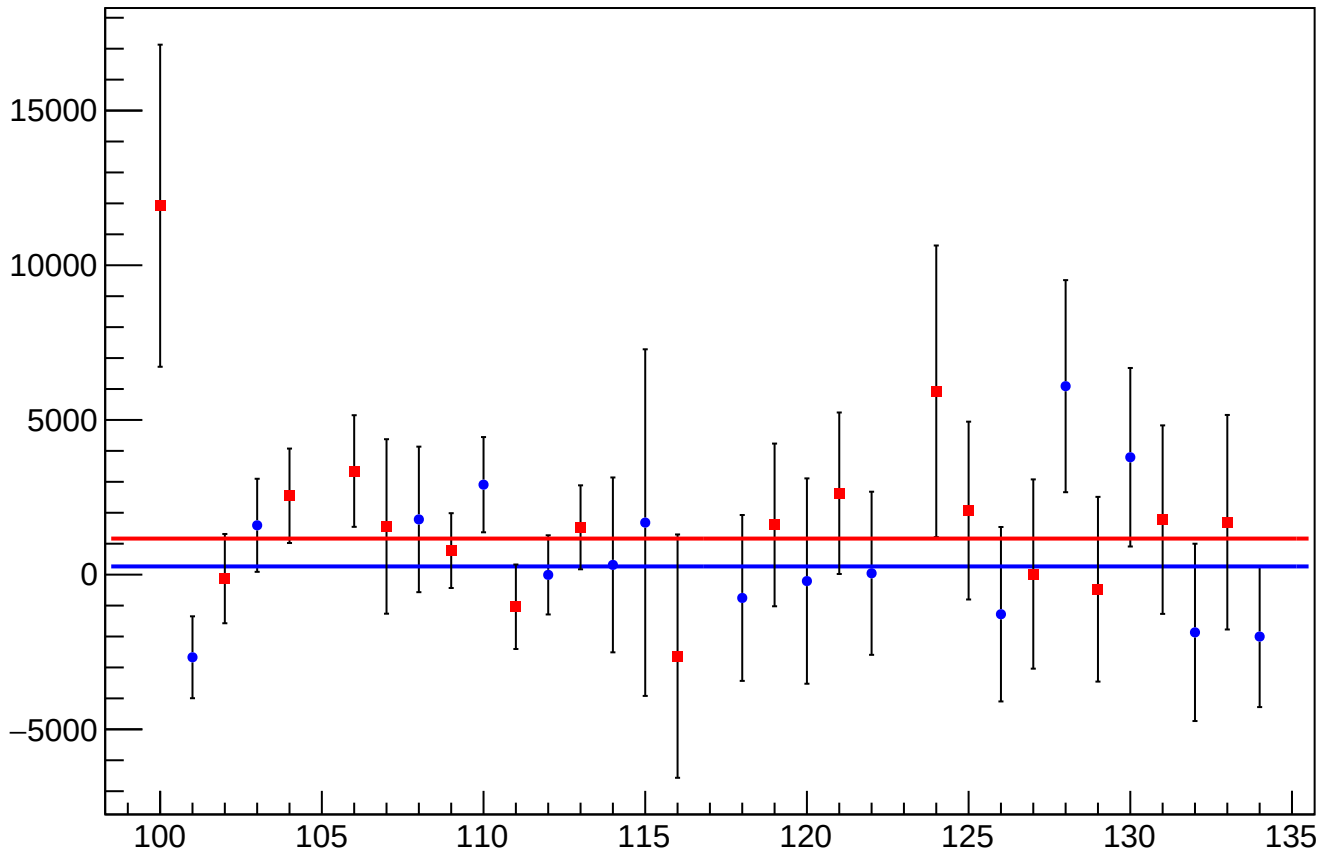
Right: 148.758+/-0.030 χ^2/NDF : 958913.2/31

In: 151.669+/-0.044 χ^2/NDF : 429071.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.758+/-0.030 χ^2/NDF : 958913.2/31

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 265.139+/-542.117 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.517+/-495.336 χ^2/NDF : 13.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

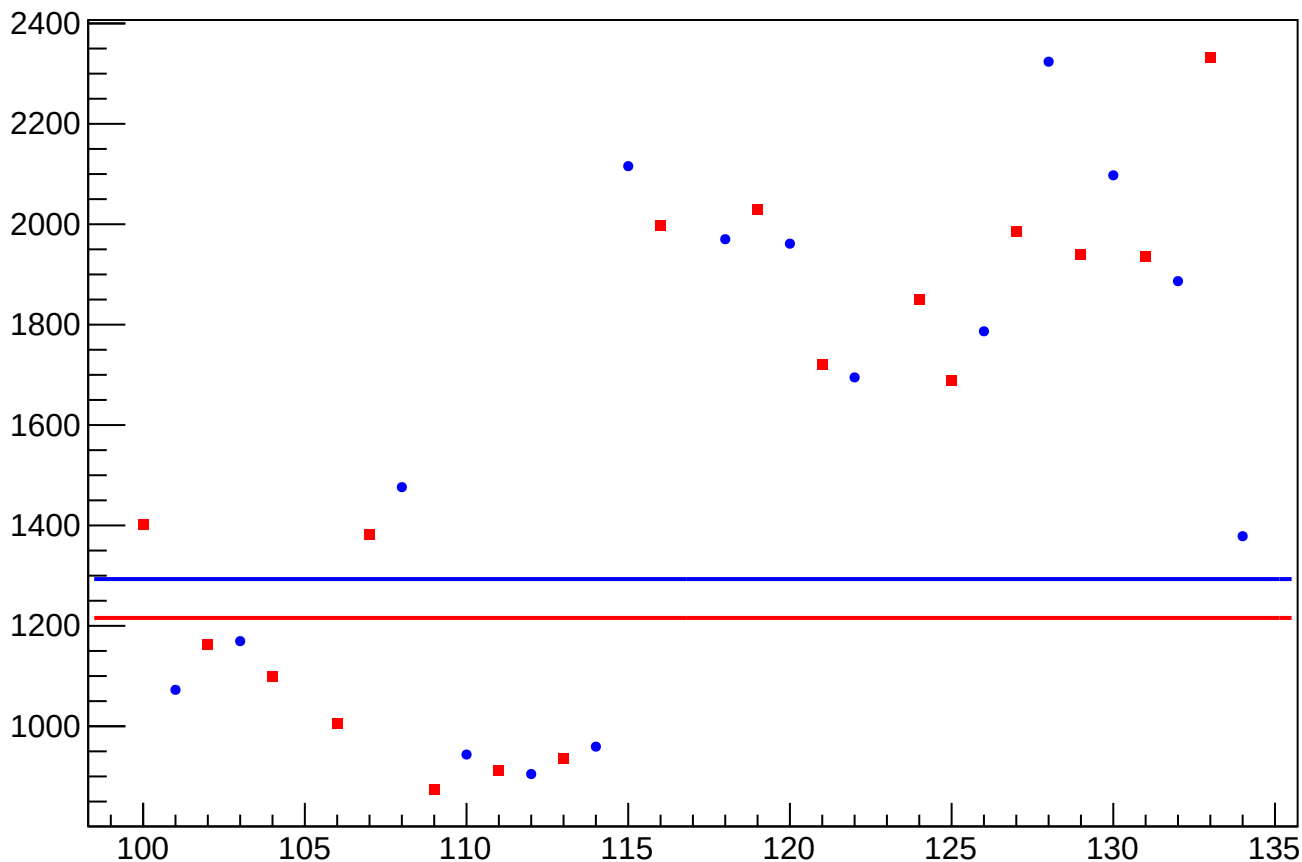
Right: 755.846+/-365.678 χ^2/NDF : 30.1/31

In: 265.139+/-542.117 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.846+/-365.678 χ^2/NDF : 30.1/31

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.174+/-0.383 χ^2/NDF : 1180735.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1215.764+/-0.350 χ^2/NDF : 1393449.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

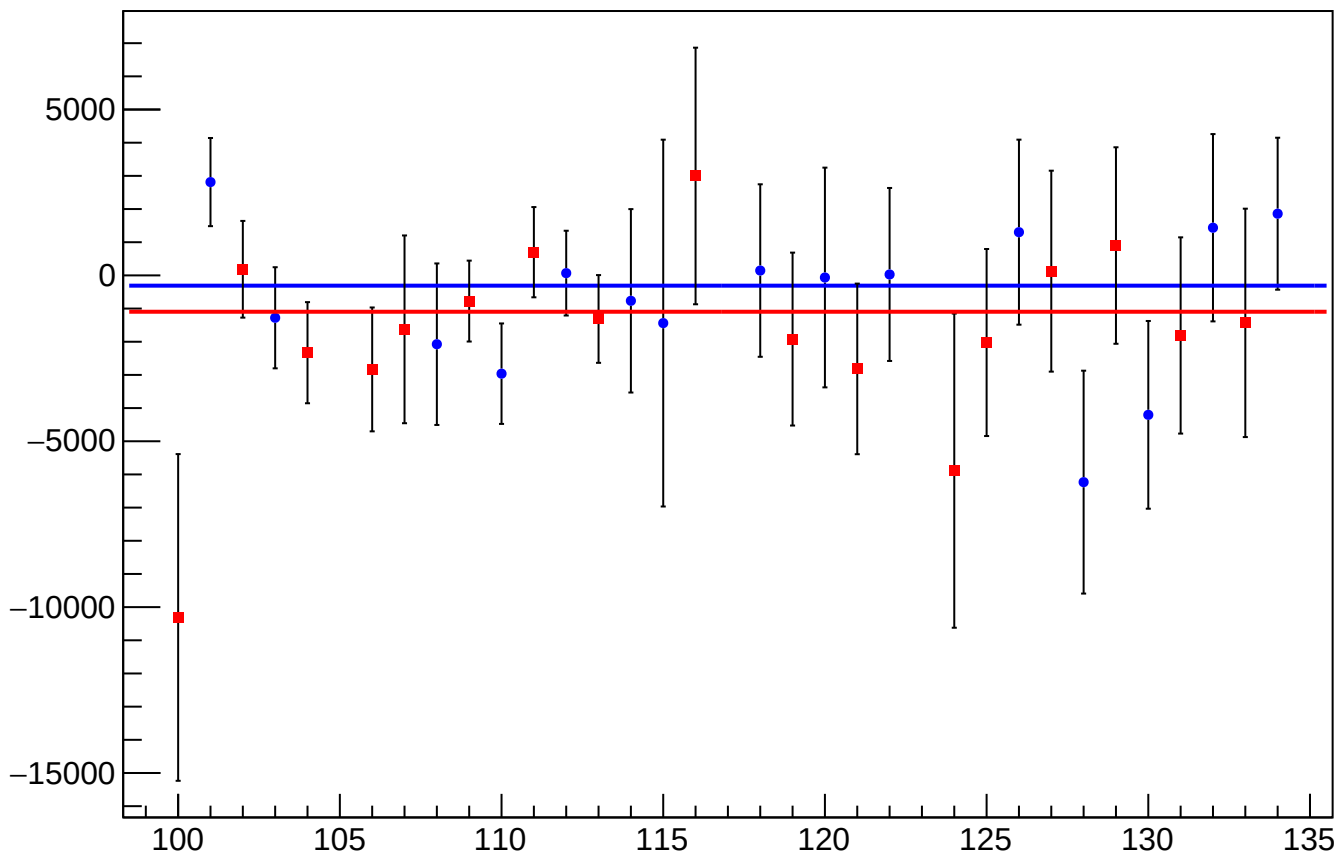
Right: 1250.985+/-0.259 χ^2/NDF : 2596410.3/31

In: 1293.174+/-0.383 χ^2/NDF : 1180735.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.985+/-0.259 χ^2/NDF : 2596410.3/31

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -309.654+/-540.585 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1095.729+/-494.097 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

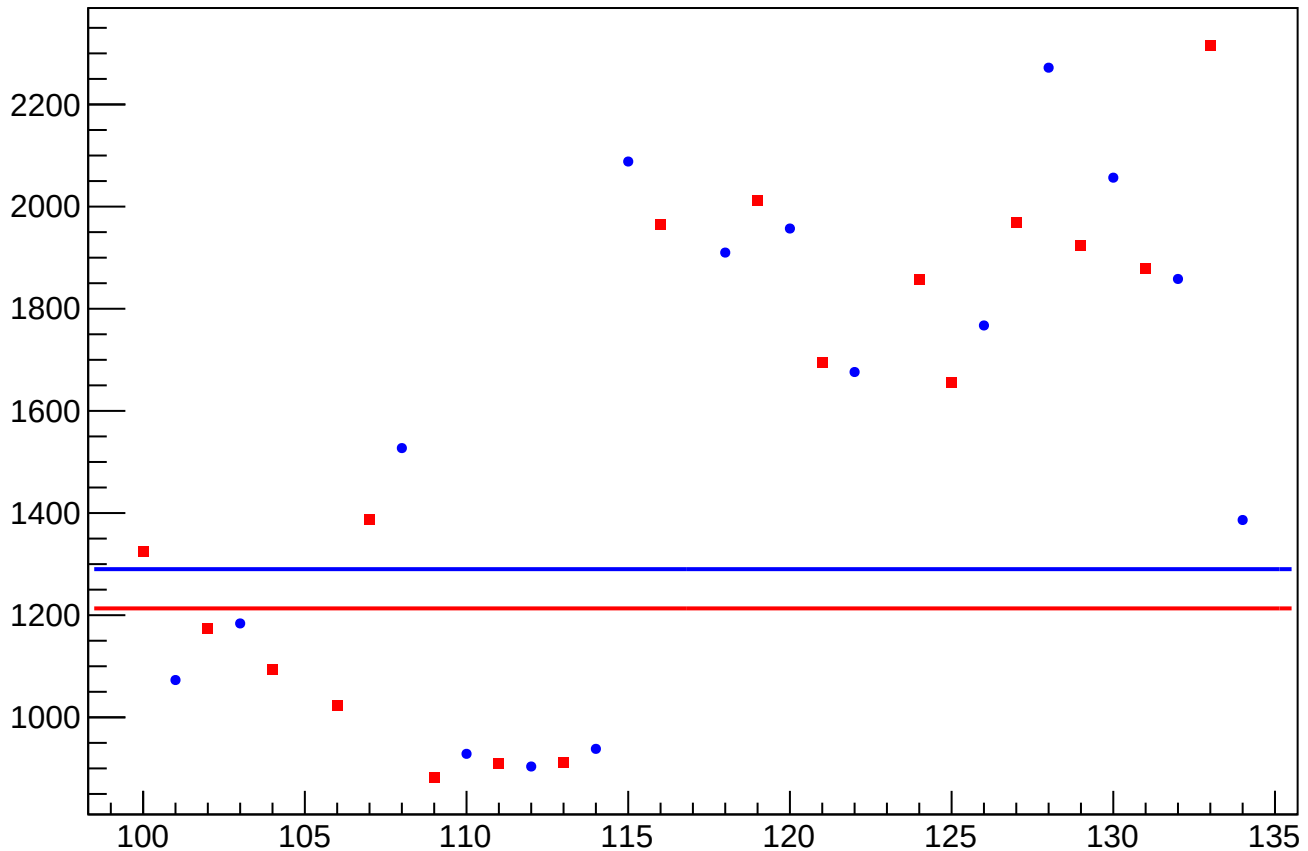
Right: -737.939+/-364.709 χ^2/NDF : 28.7/31

In: -309.654+/-540.585 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -737.939+/-364.709 χ^2/NDF : 28.7/31

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1290.147+/-0.382 χ^2/NDF : 1152345.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1213.305+/-0.349 χ^2/NDF : 1358707.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

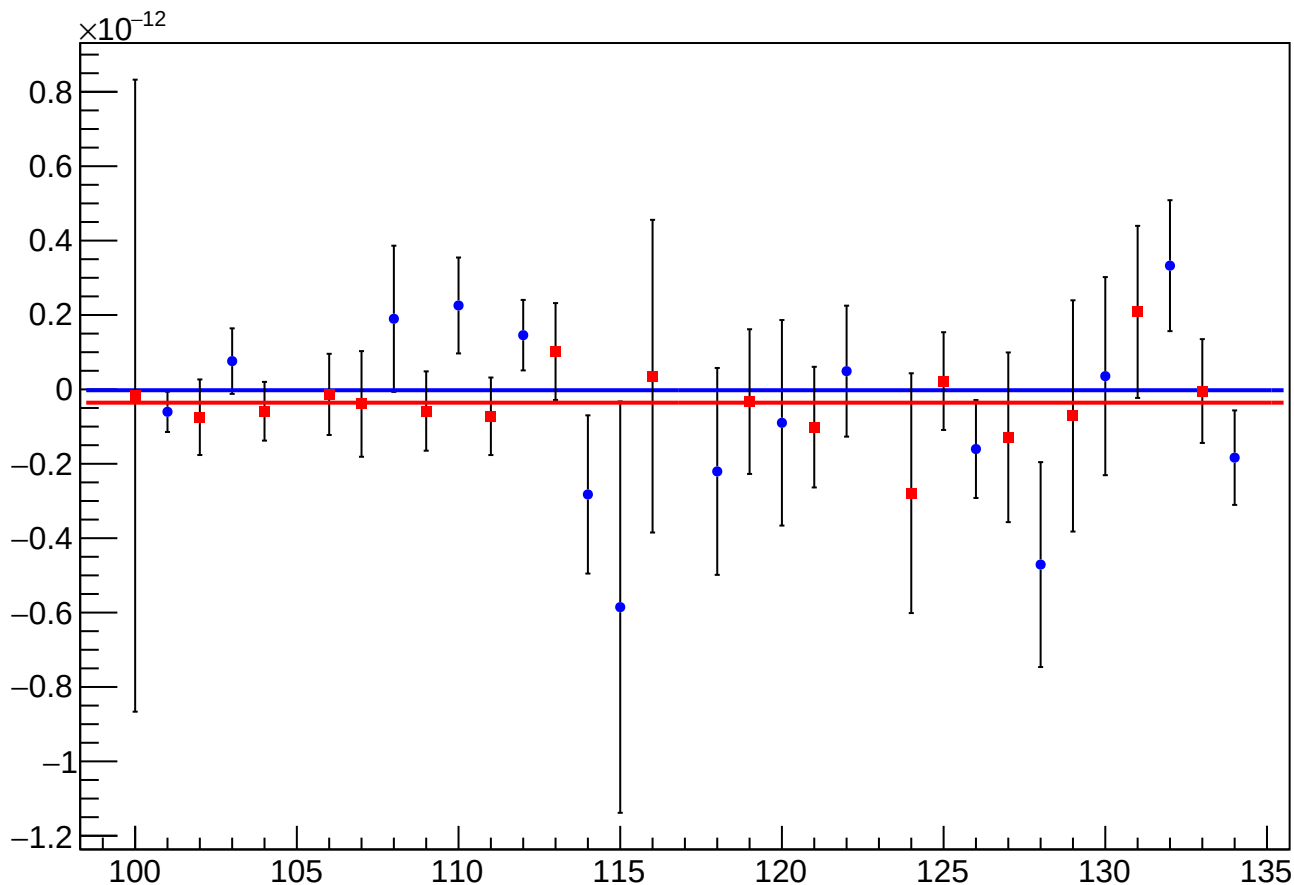
Right: 1248.281+/-0.258 χ^2/NDF : 2533071.1/31

In: 1290.147+/-0.382 χ^2/NDF : 1152345.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1248.281+/-0.258 χ^2/NDF : 2533071.1/31

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

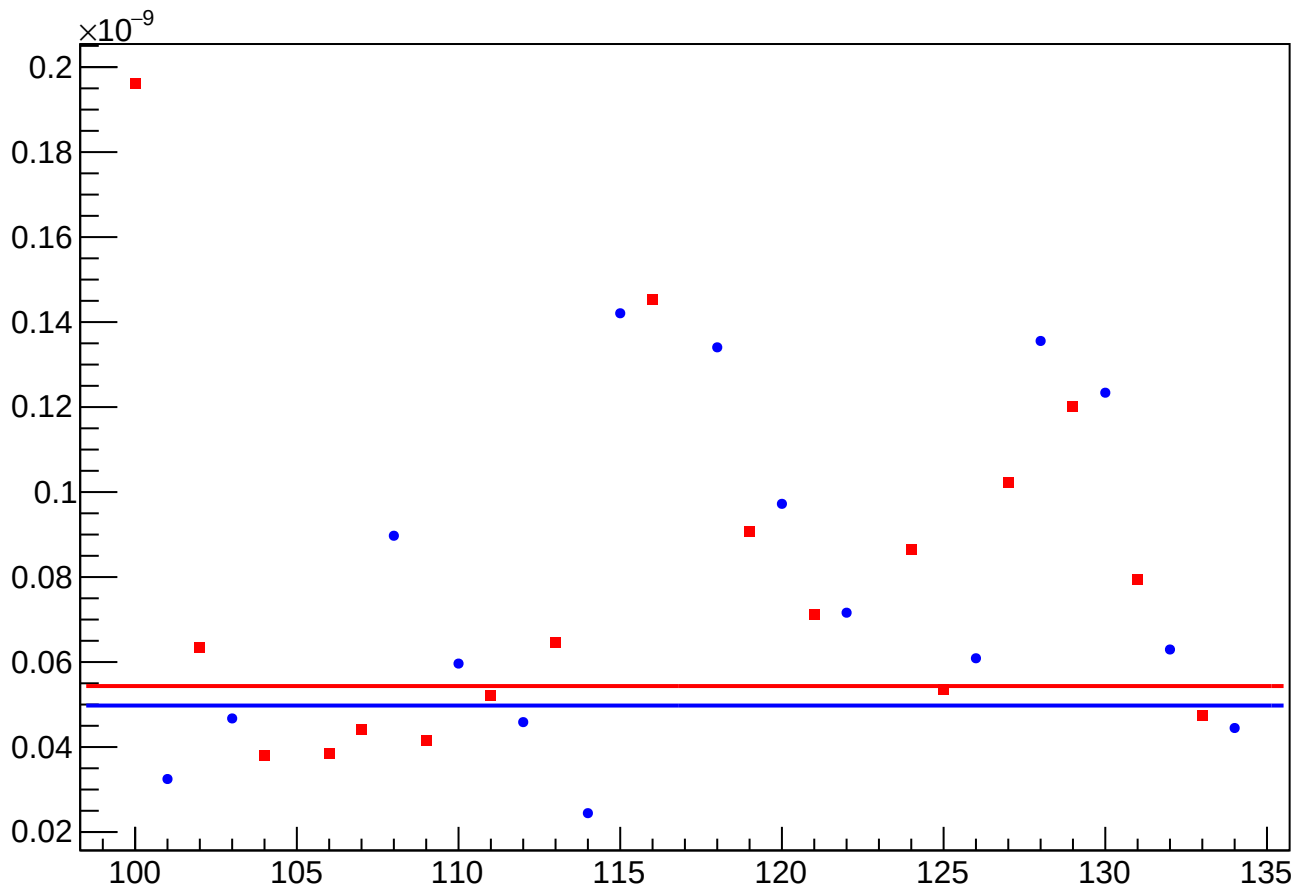
Right: -0.000+/-0.000 χ^2/NDF : 26.5/31

In: -0.000+/-0.000 χ^2/NDF : 22.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.5/31

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1036817.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 663319.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

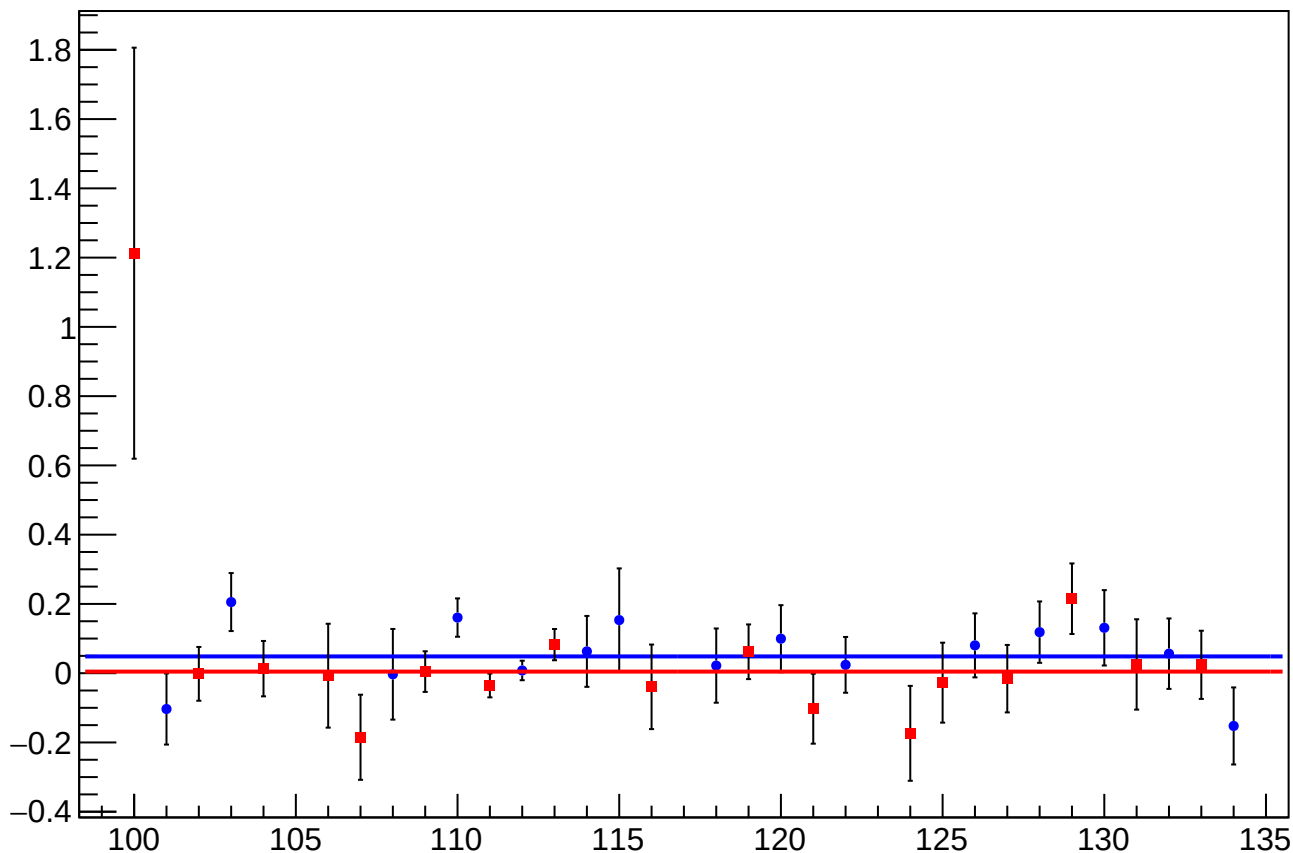
Right: 0.000+/-0.000 χ^2/NDF : 1719012.8/31

In: 0.000+/-0.000 χ^2/NDF : 1036817.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1719012.8/31

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.019 χ^2 /NDF: 18.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

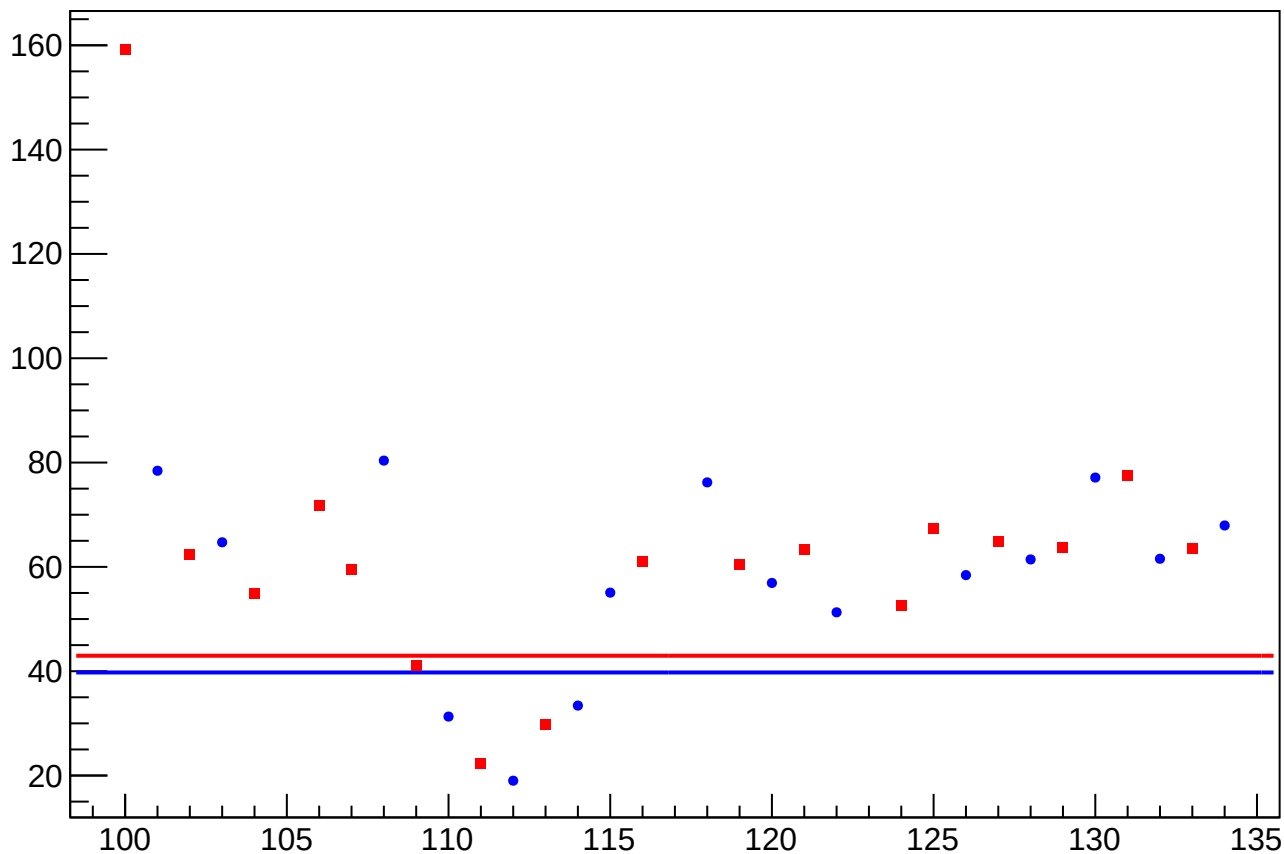
Right: 0.026 $\pm$ 0.013 χ^2 /NDF: 39.2/31

In: 0.048 $\pm$ 0.019 χ^2 /NDF:17.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.013 χ^2 /NDF: 39.2/31

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.758+/-0.013 χ^2/NDF : 2807848.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.966+/-0.013 χ^2/NDF : 1991955.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

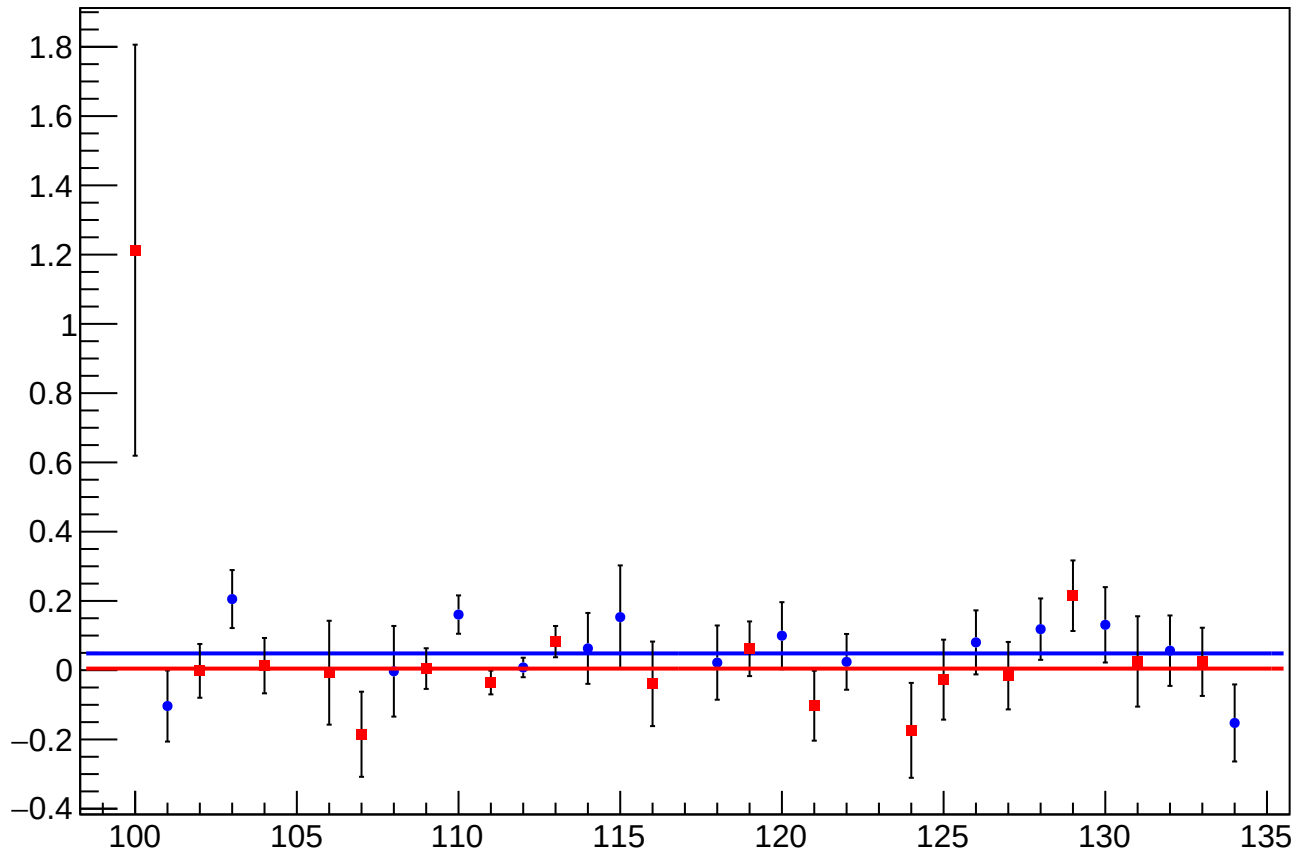
Right: 41.364+/-0.009 χ^2/NDF : 4829445.8/31

In: 39.758+/-0.013 χ^2/NDF : 2807848.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.364+/-0.009 χ^2/NDF : 4829445.8/31

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.019 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.019 χ^2/NDF : 18.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

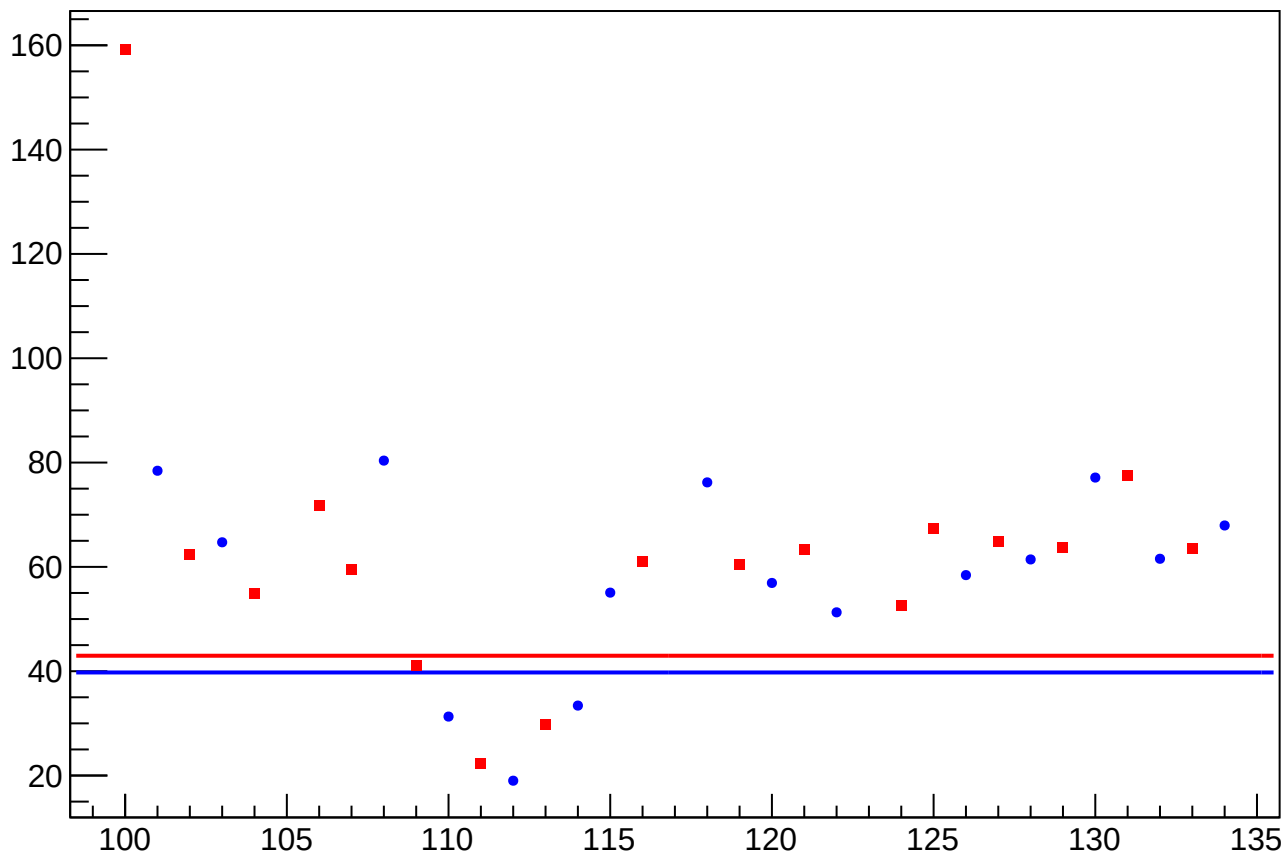
Right: 0.026+/-0.013 χ^2/NDF : 39.2/31

In: 0.048+/-0.019 χ^2/NDF : 17.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.013 χ^2/NDF : 39.2/31

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.758+/-0.013 χ^2/NDF : 2807848.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.966+/-0.013 χ^2/NDF : 1991955.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

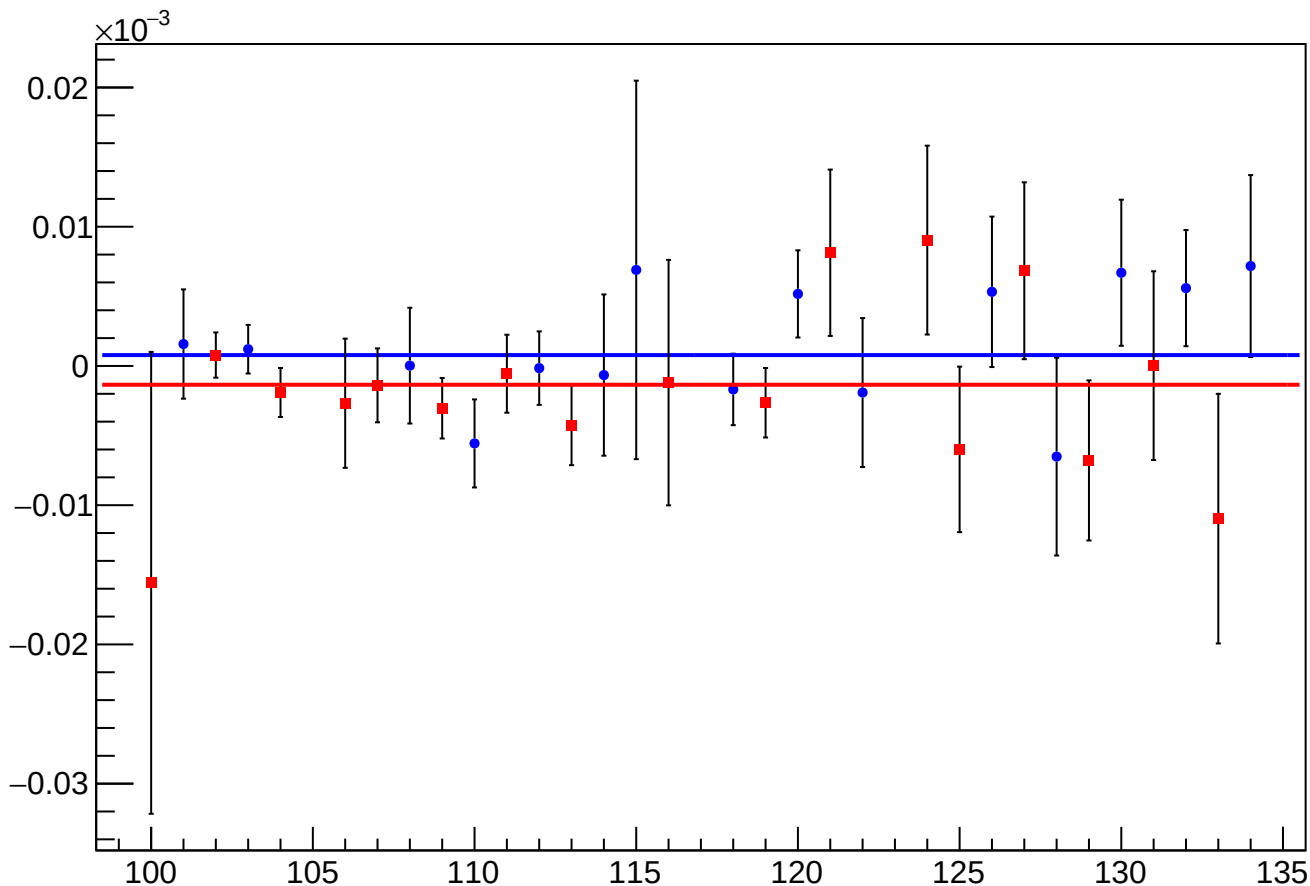
Right: 41.364+/-0.009 χ^2/NDF : 4829445.8/31

In: 39.758+/-0.013 χ^2/NDF : 2807848.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.364+/-0.009 χ^2/NDF : 4829445.8/31

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

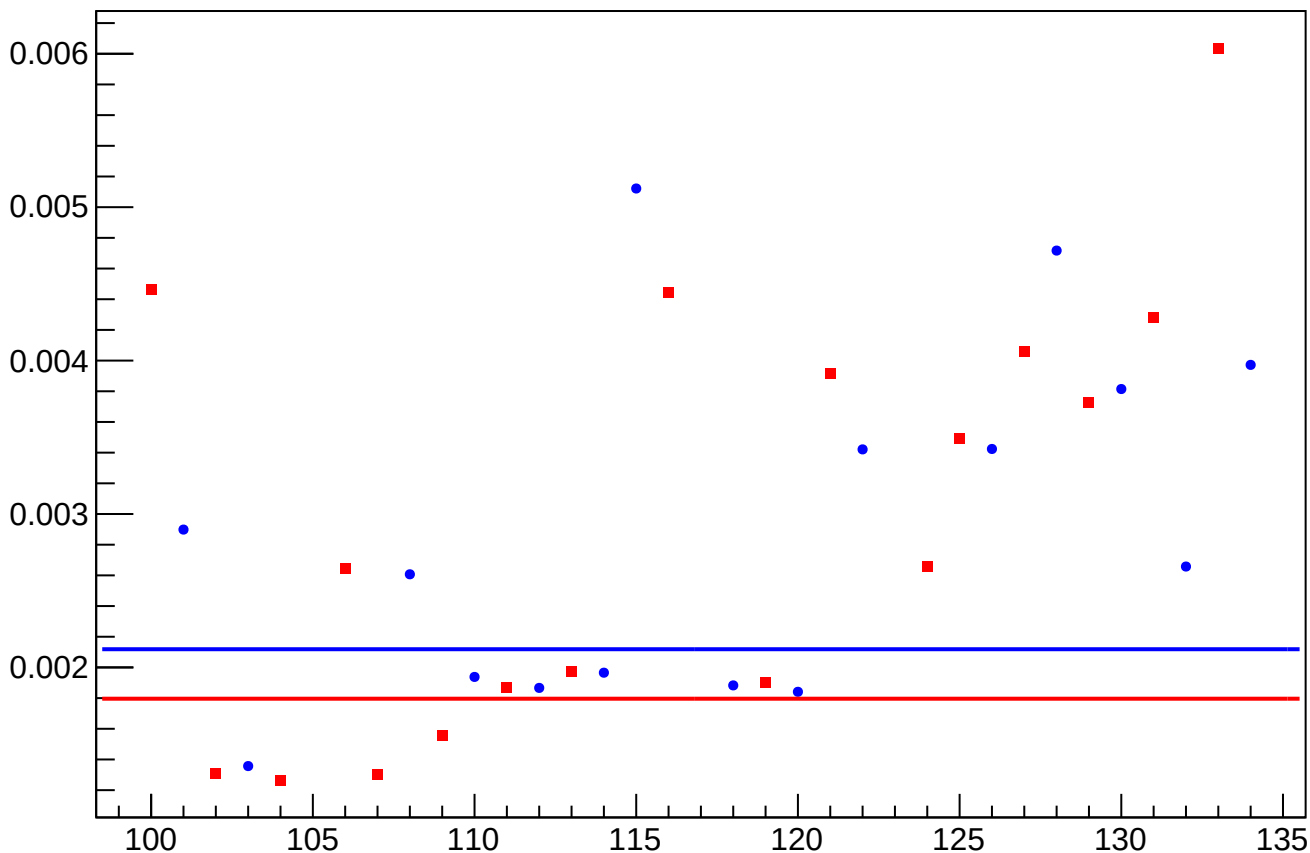
Right: -0.000+/-0.000 χ^2/NDF : 30.0/31

In: 0.000+/-0.000 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.0/31

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1549880.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2415400.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

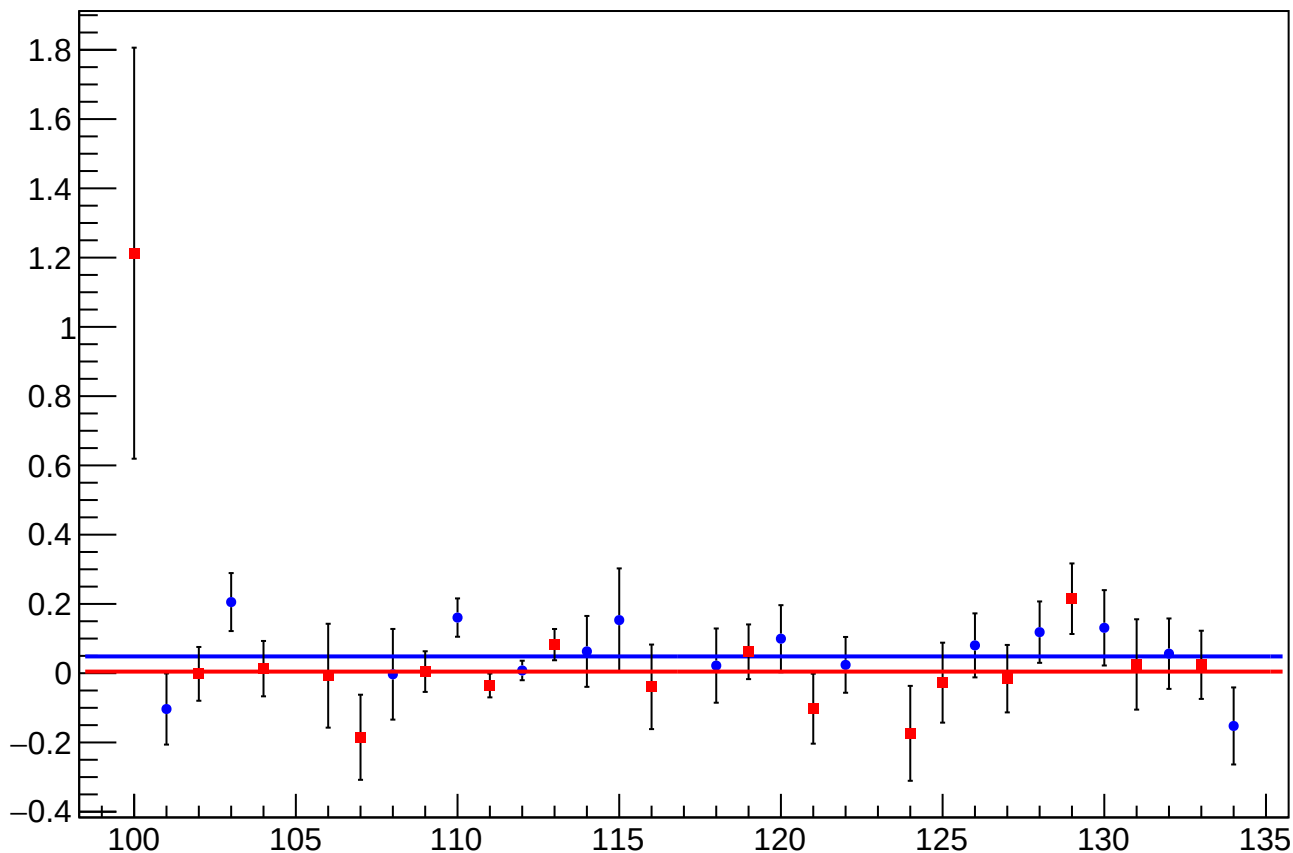
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 4110780.8/31

In: 0.002 $\pm$ 0.000 χ^2 /NDF:1549880.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 4110780.8/31

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.019 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.019 χ^2/NDF : 18.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

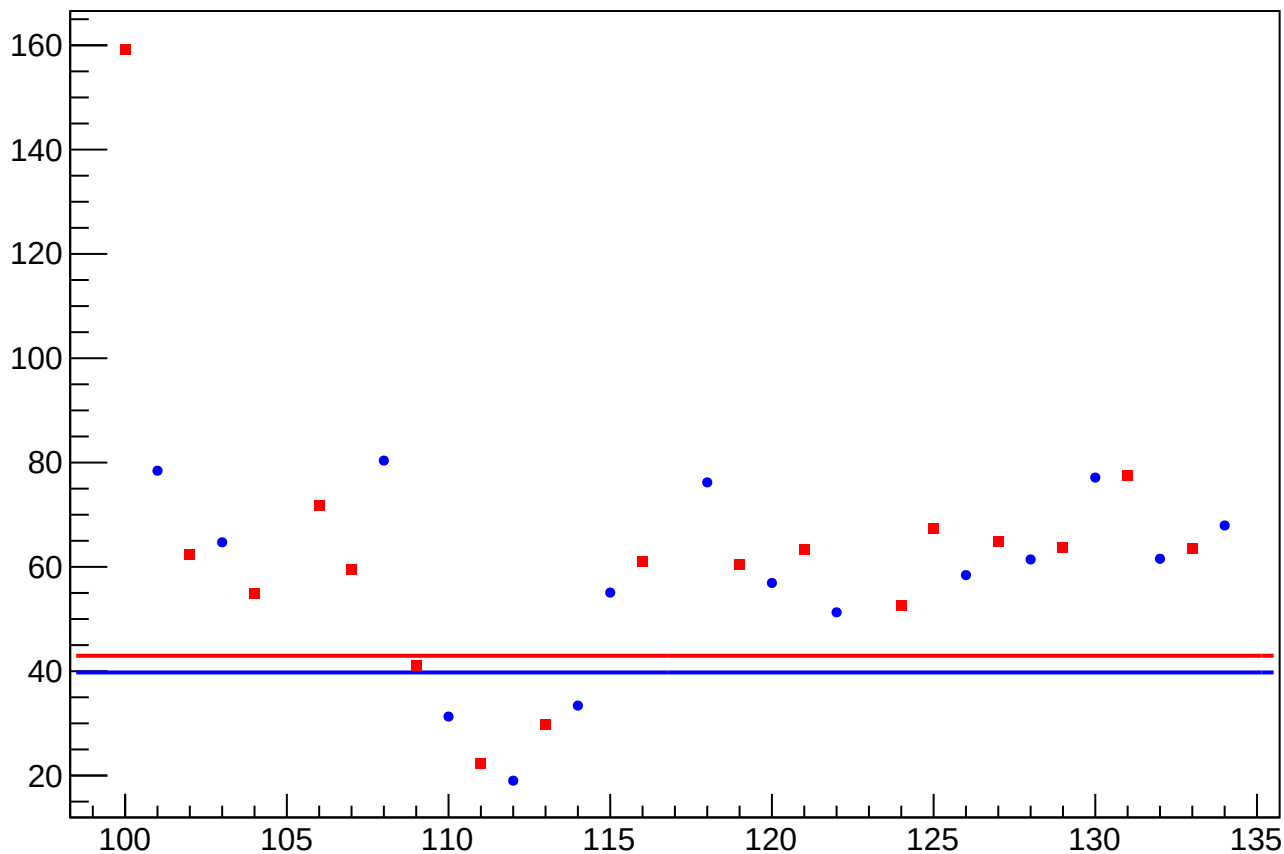
Right: 0.026+/-0.013 χ^2/NDF : 39.2/31

In: 0.048+/-0.019 χ^2/NDF : 17.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.013 χ^2/NDF : 39.2/31

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.757+/-0.013 χ^2/NDF : 2807987.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.965+/-0.013 χ^2/NDF : 1992117.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

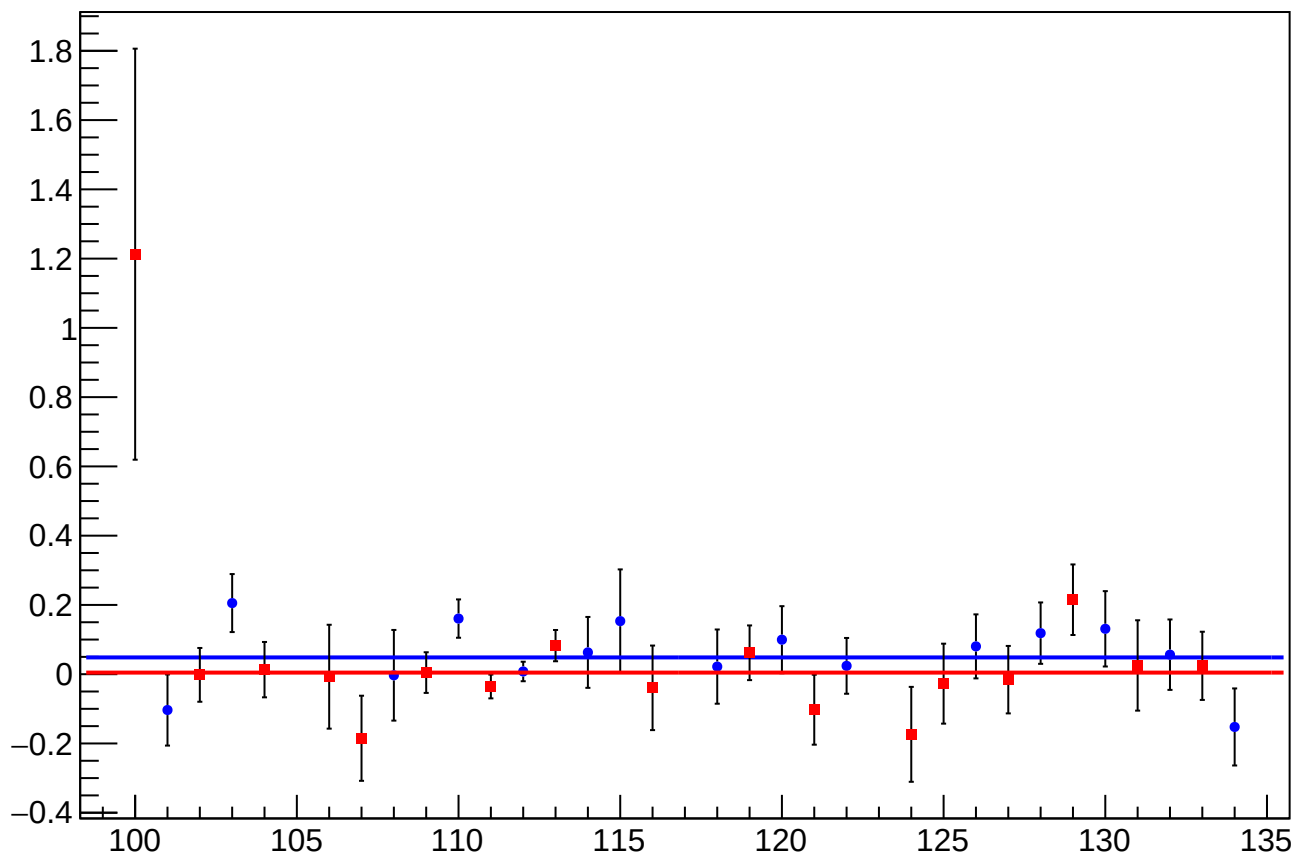
Right: 41.363+/-0.009 χ^2/NDF : 4829748.3/31

In: 39.757+/-0.013 χ^2/NDF :2807987.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.363+/-0.009 χ^2/NDF : 4829748.3/31

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.019 χ^2 /NDF: 18.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

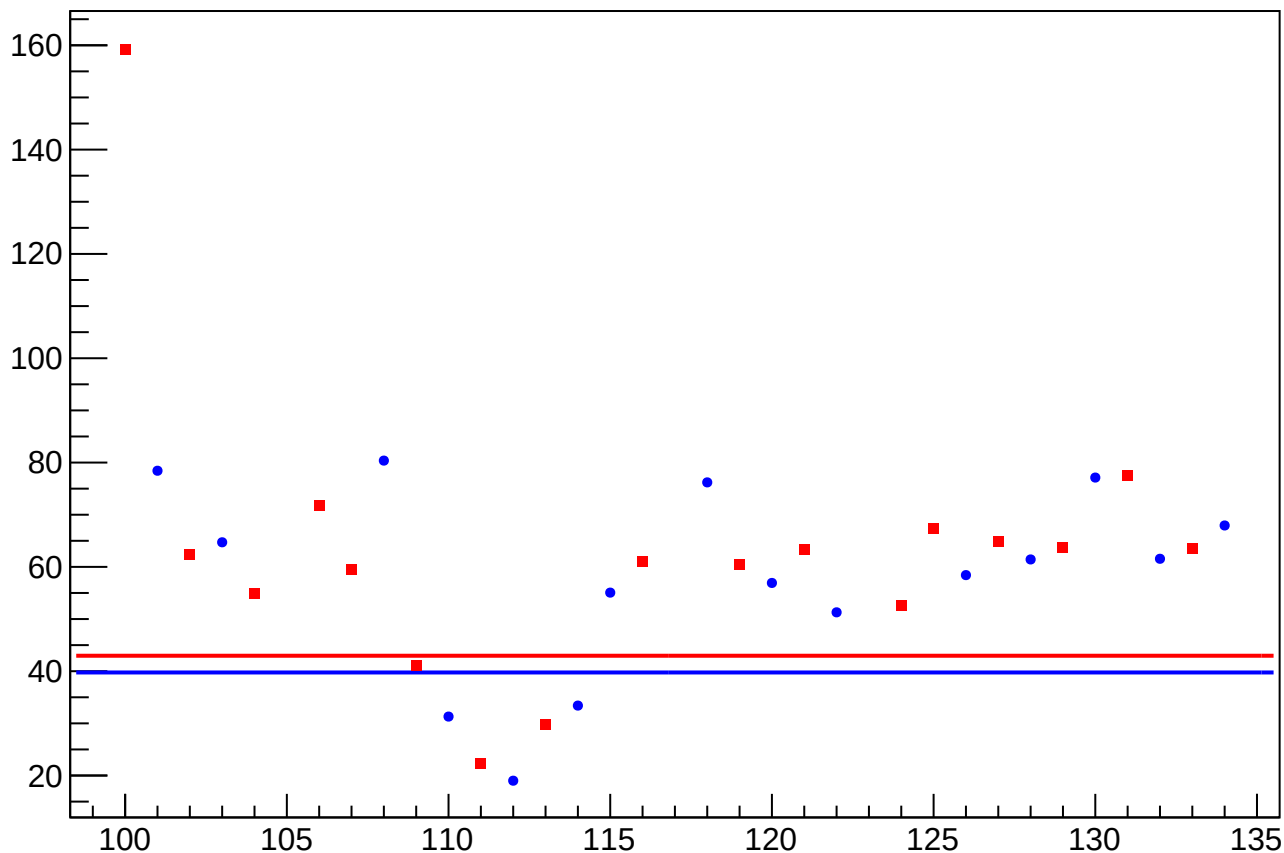
Right: 0.026 $\pm$ 0.013 χ^2 /NDF: 39.2/31

In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.013 χ^2 /NDF: 39.2/31

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.757+/-0.013 χ^2/NDF : 2807987.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.965+/-0.013 χ^2/NDF : 1992117.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

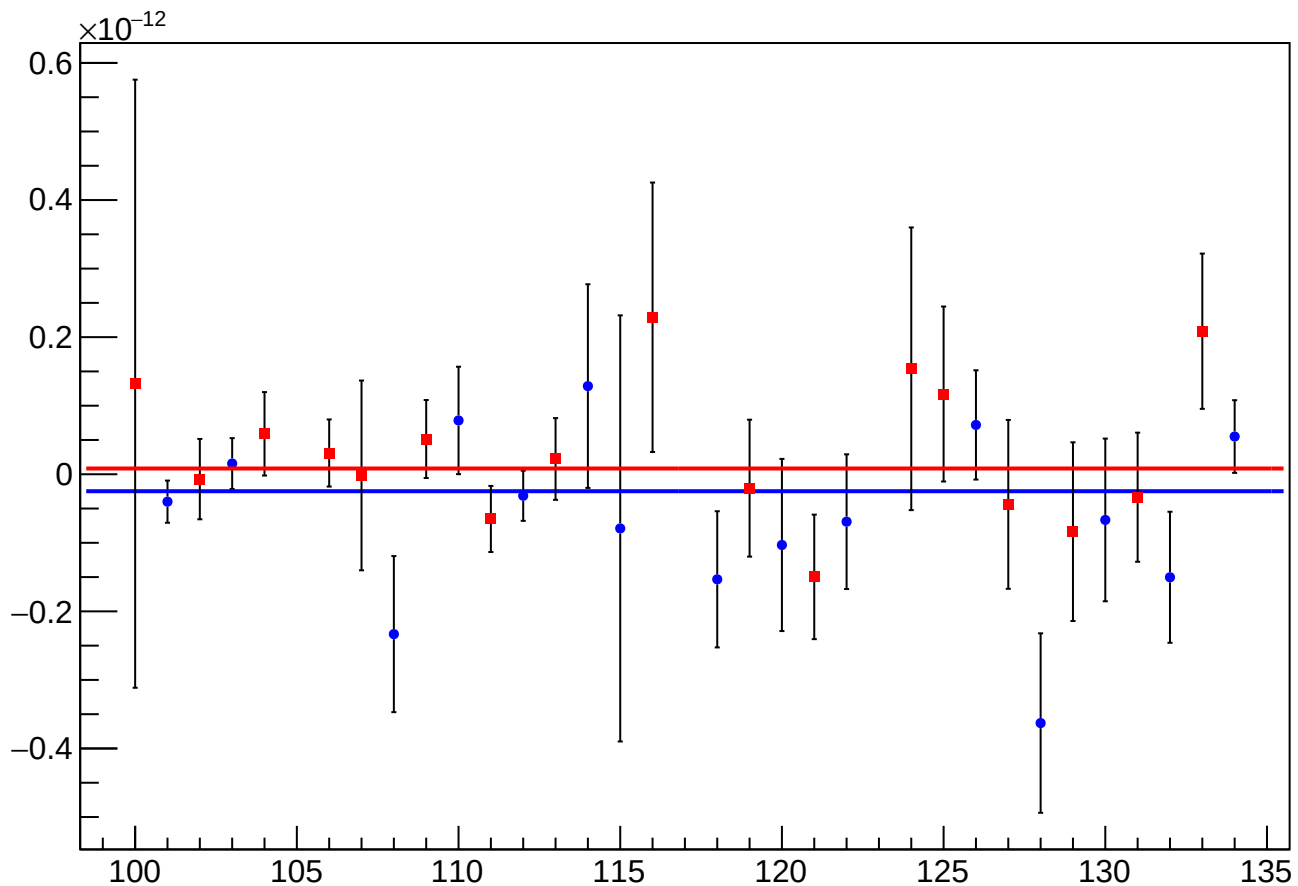
Right: 41.363+/-0.009 χ^2/NDF : 4829748.3/31

In: 39.757+/-0.013 χ^2/NDF : 2807987.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.363+/-0.009 χ^2/NDF : 4829748.3/31

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

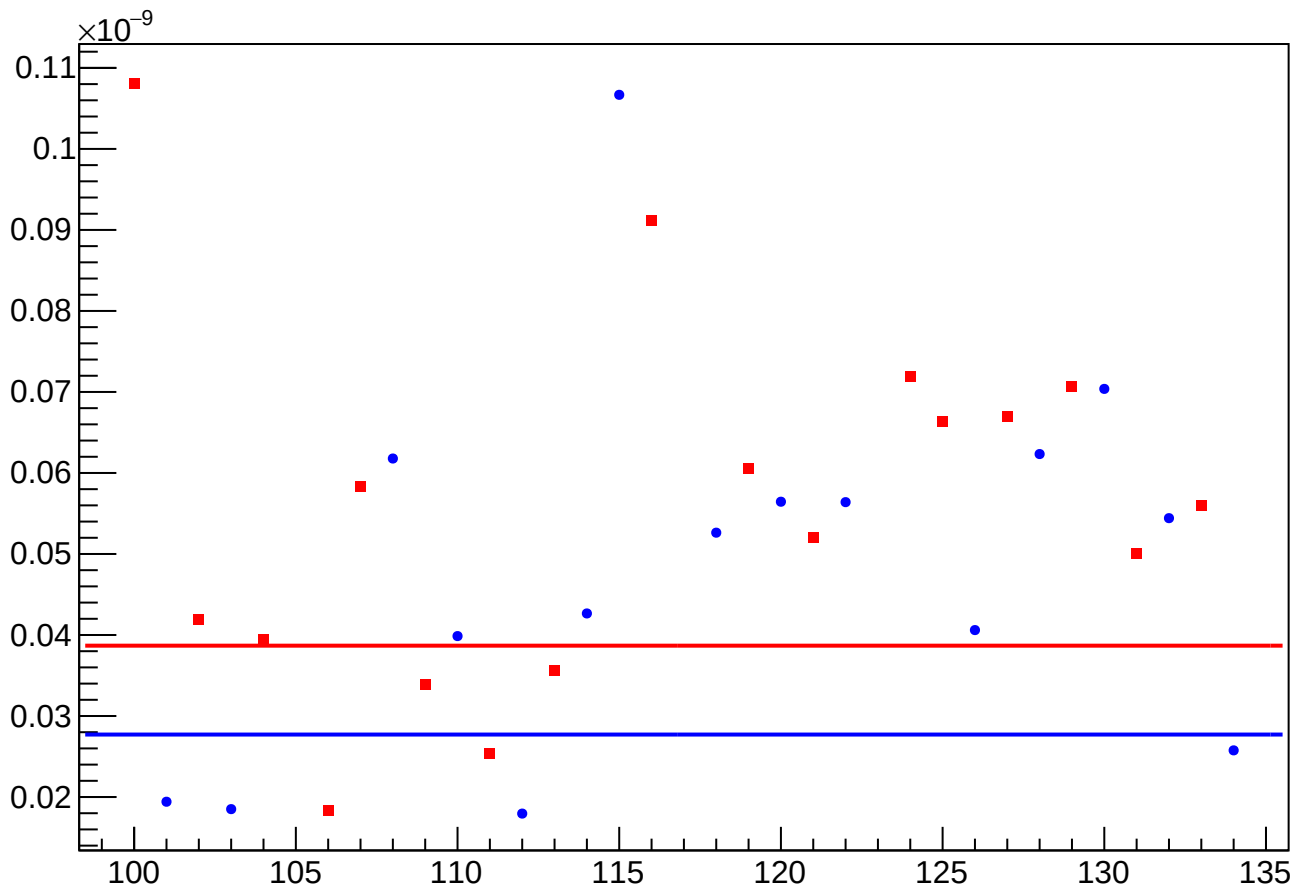
Right: -0.000+/-0.000 χ^2/NDF : 37.5/31

In: -0.000+/-0.000 χ^2/NDF : 22.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.5/31

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1798397.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1344082.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

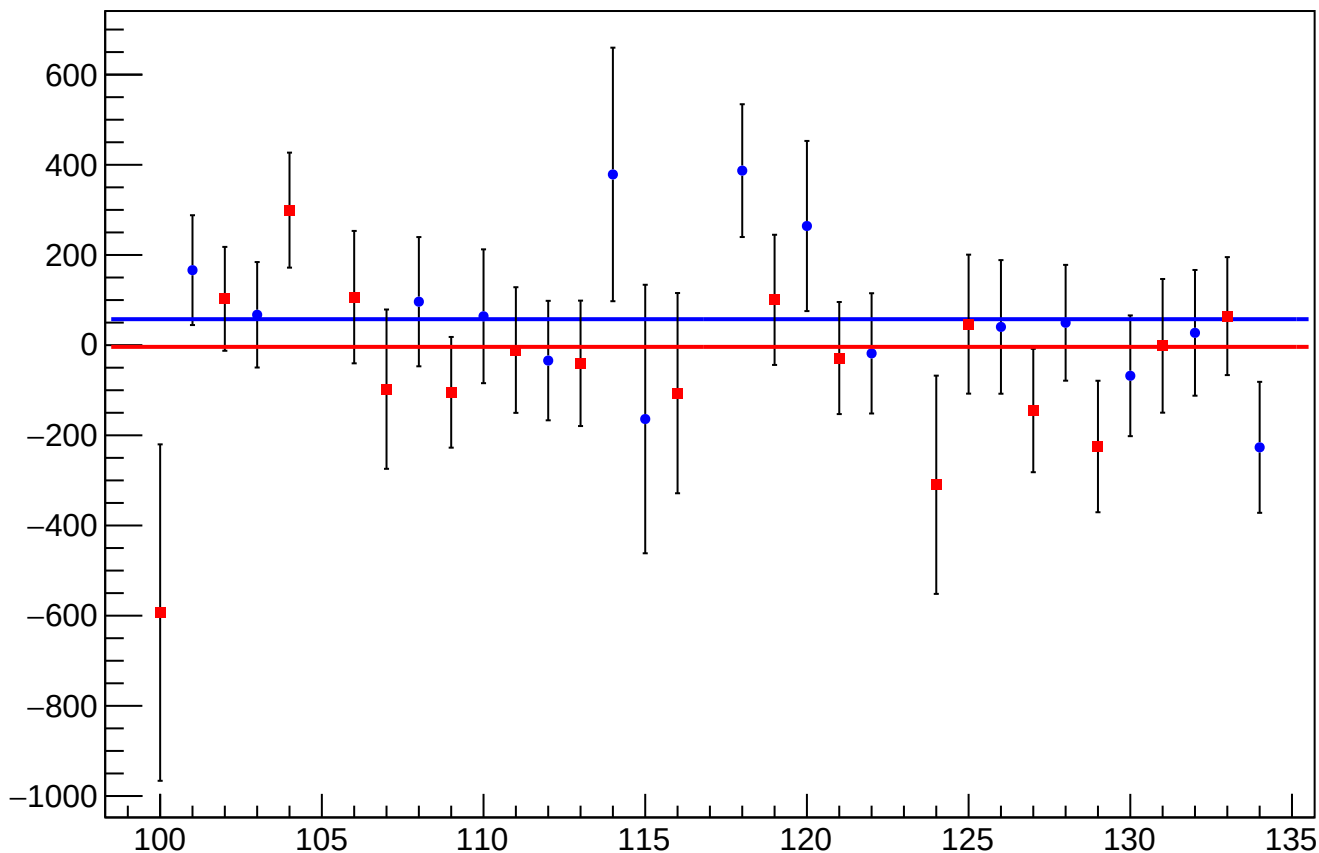
Right: 0.000+/-0.000 χ^2/NDF : 3524759.7/31

In: 0.000+/-0.000 χ^2/NDF :1798397.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3524759.7/31

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 57.591+/-37.618 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.826+/-35.613 χ^2/NDF : 16.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

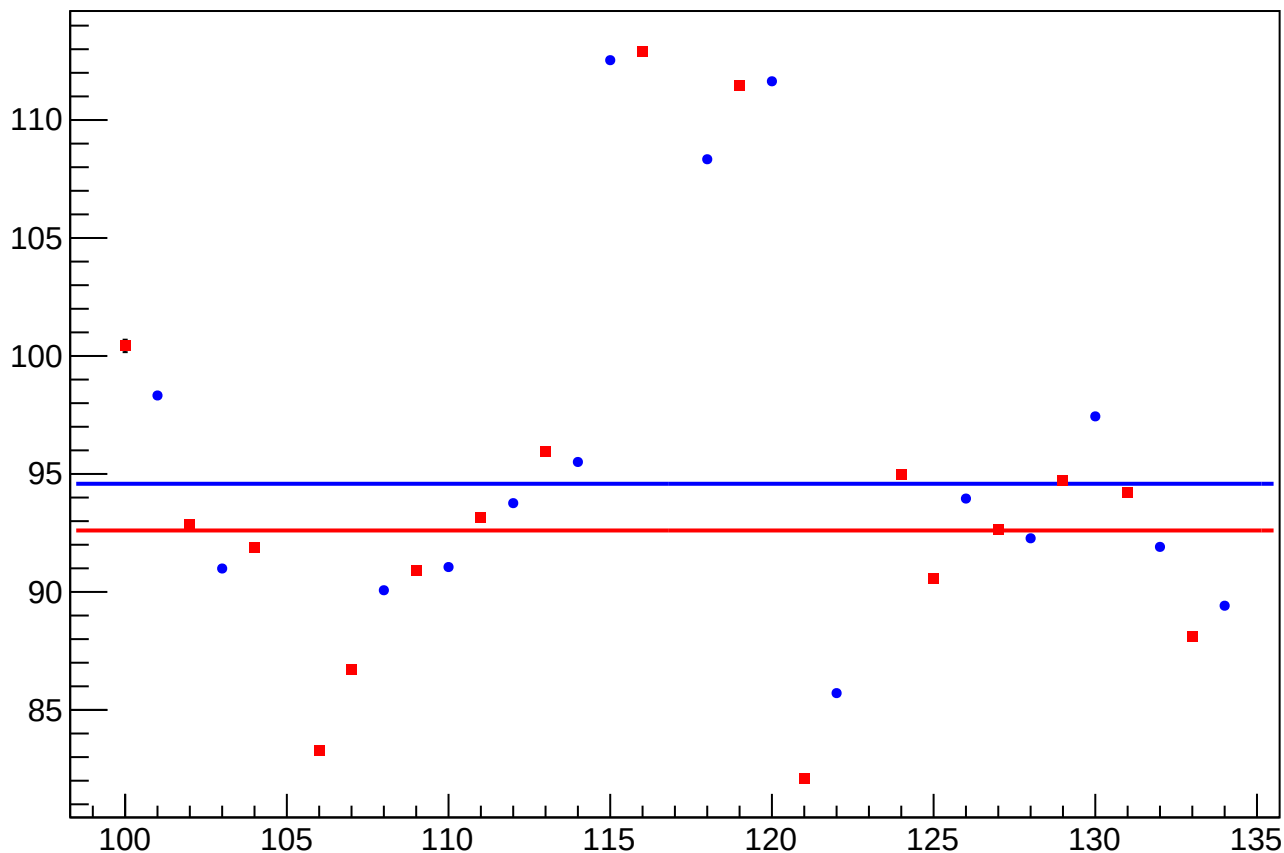
Right: 25.202+/-25.862 χ^2/NDF : 32.6/31

In: 57.591+/-37.618 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.202+/-25.862 χ^2/NDF : 32.6/31

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.605+/-0.025 χ^2/NDF : 81572.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

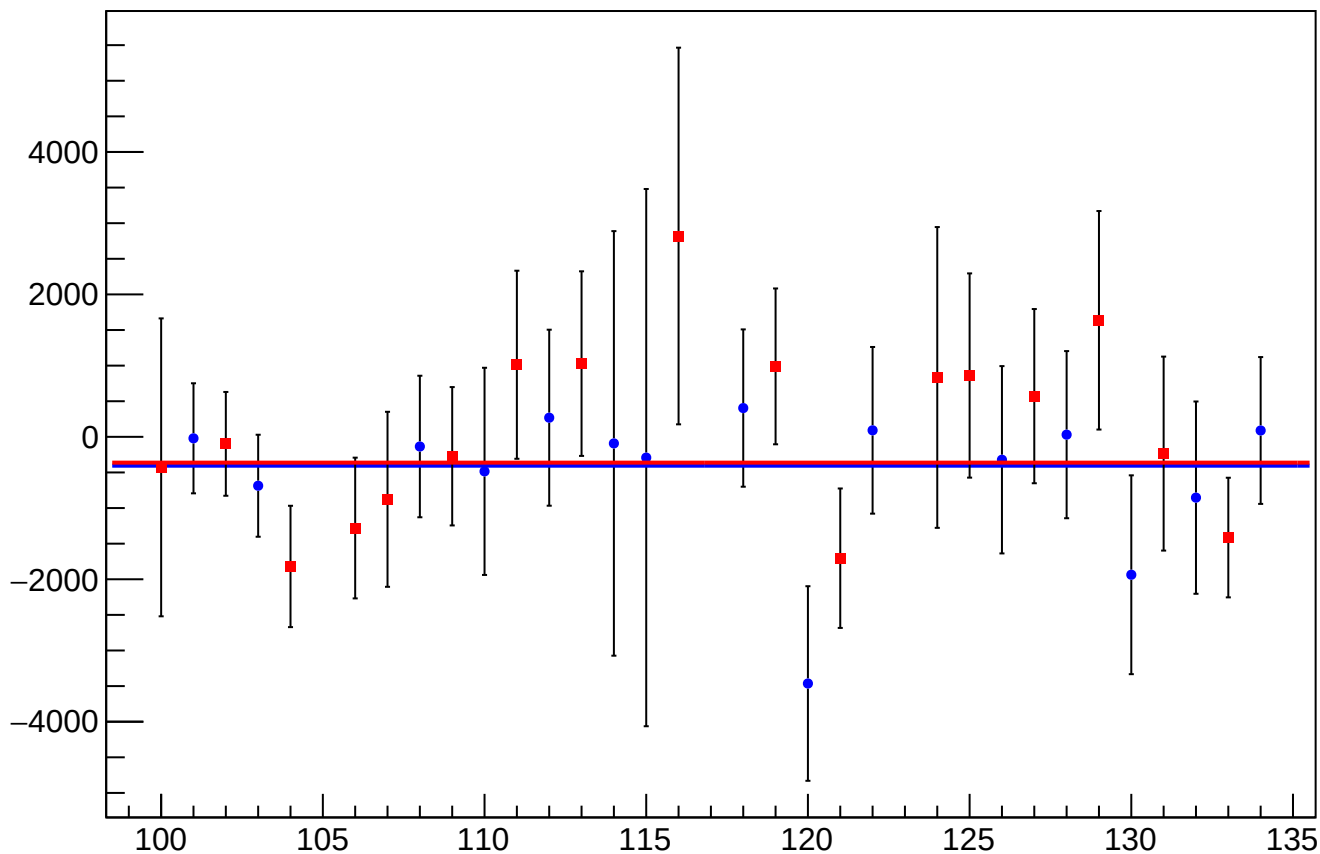
Right: 93.540+/-0.018 χ^2/NDF : 146244.0/31

In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.540+/-0.018 χ^2/NDF : 146244.0/31

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -405.163+/-296.952 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -362.224+/-275.385 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

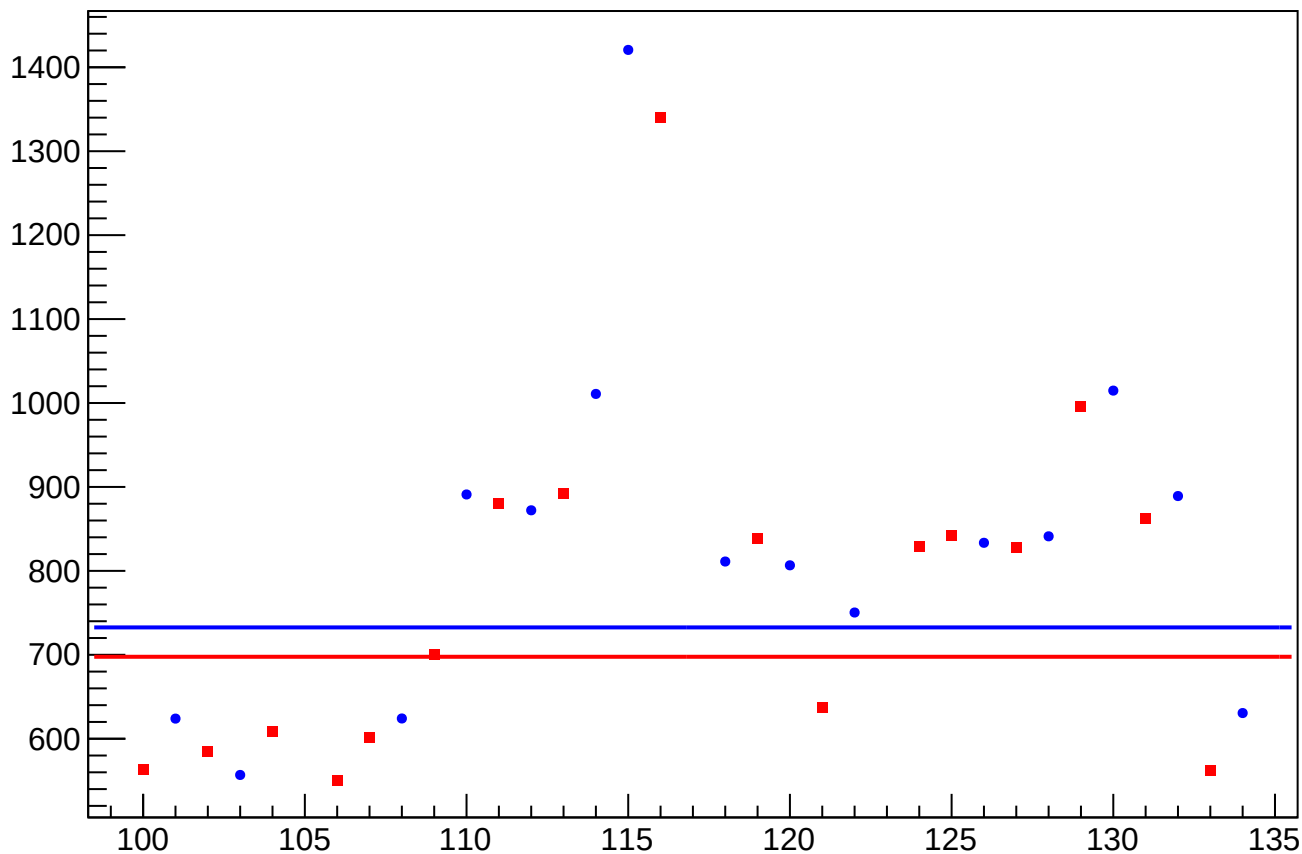
Right: -382.078+/-201.921 χ^2/NDF : 24.3/31

In: -405.163+/-296.952 χ^2/NDF : 8.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.078+/-201.921 χ^2/NDF : 24.3/31

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 732.645+/-0.210 χ^2/NDF : 490510.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 697.655+/-0.195 χ^2/NDF : 583040.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

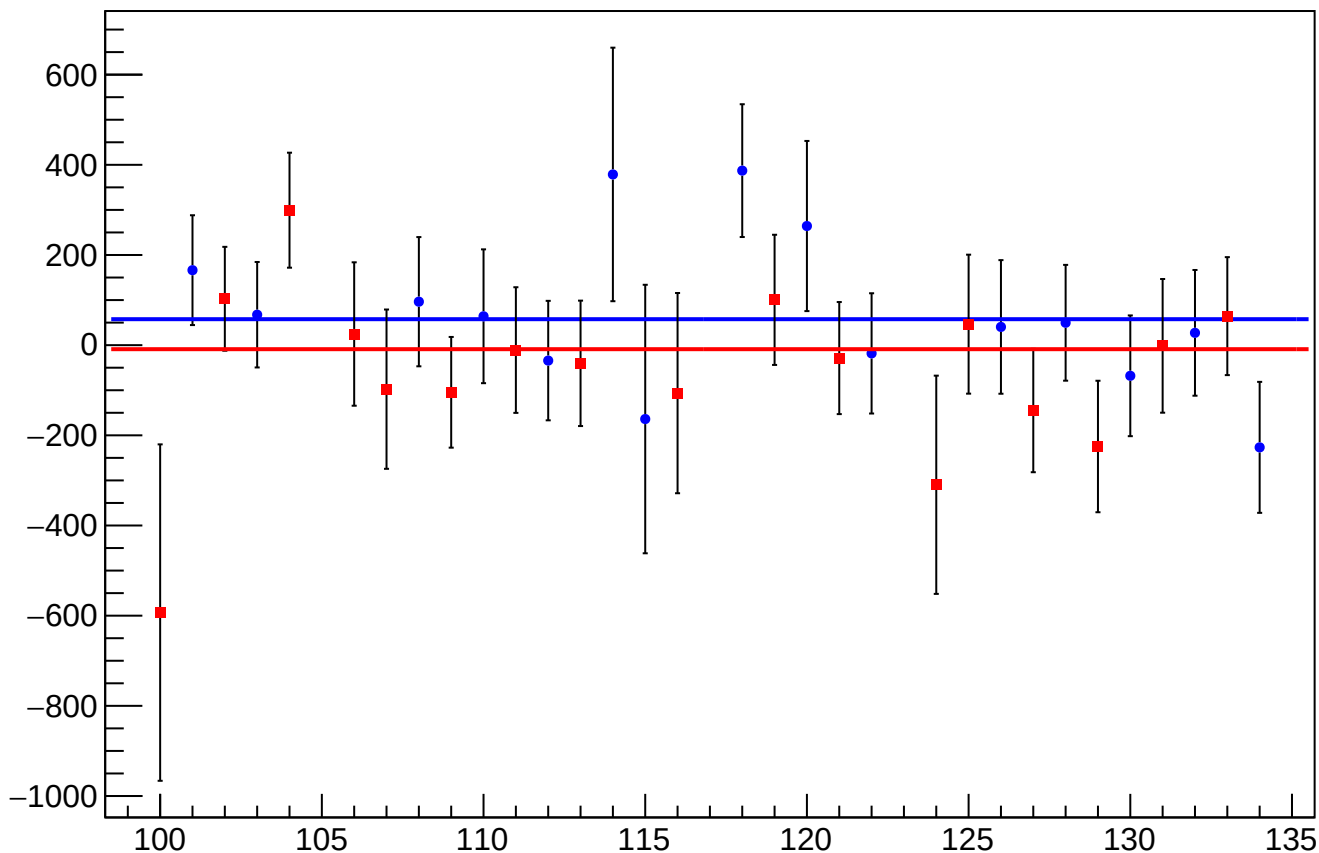
Right: 713.833+/-0.143 χ^2/NDF : 1088480.3/31

In: 732.645+/-0.210 χ^2/NDF : 490510.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.833+/-0.143 χ^2/NDF : 1088480.3/31

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 57.613+/-37.618 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.920+/-35.768 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

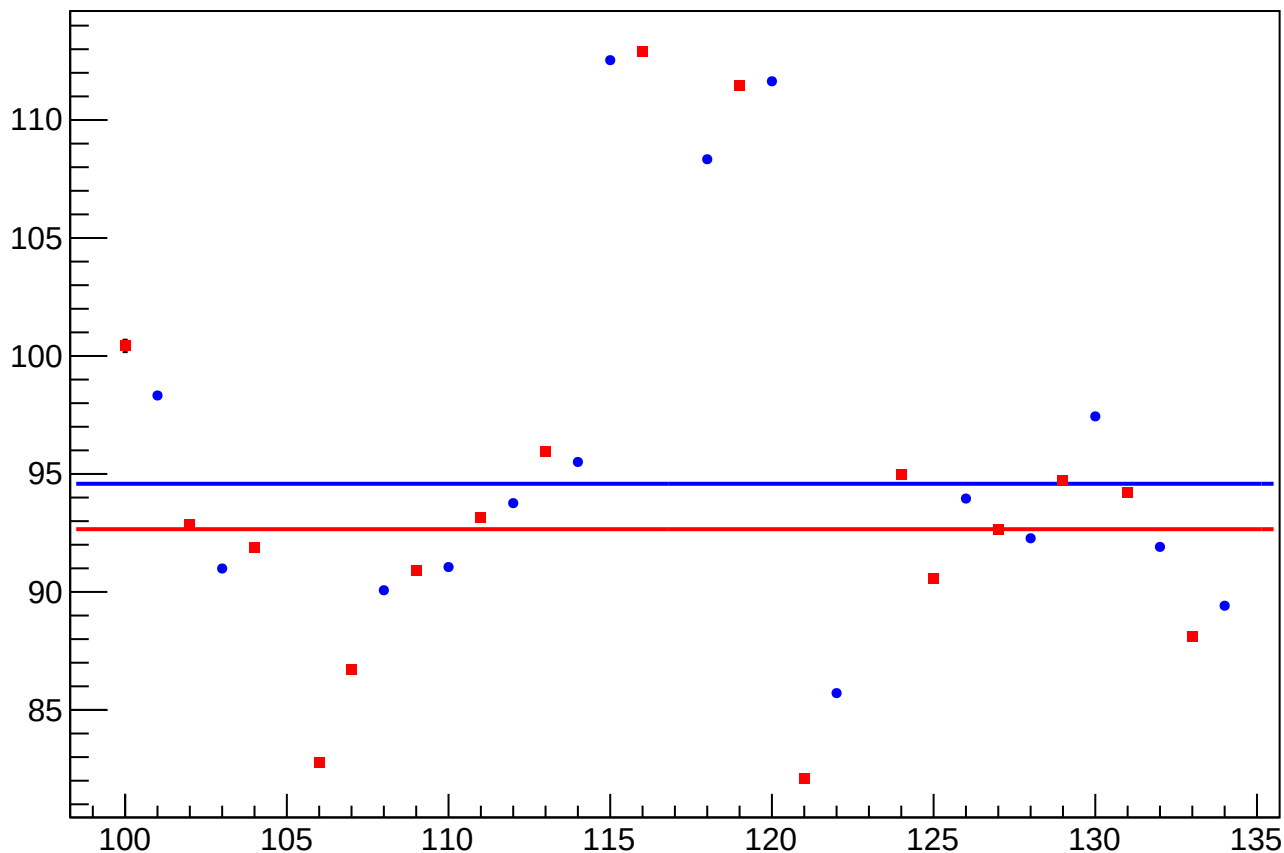
Right: 22.671+/-25.921 χ^2/NDF : 32.3/31

In: 57.613+/-37.618 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.671+/-25.921 χ^2/NDF : 32.3/31

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.660+/-0.025 χ^2/NDF : 81190.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

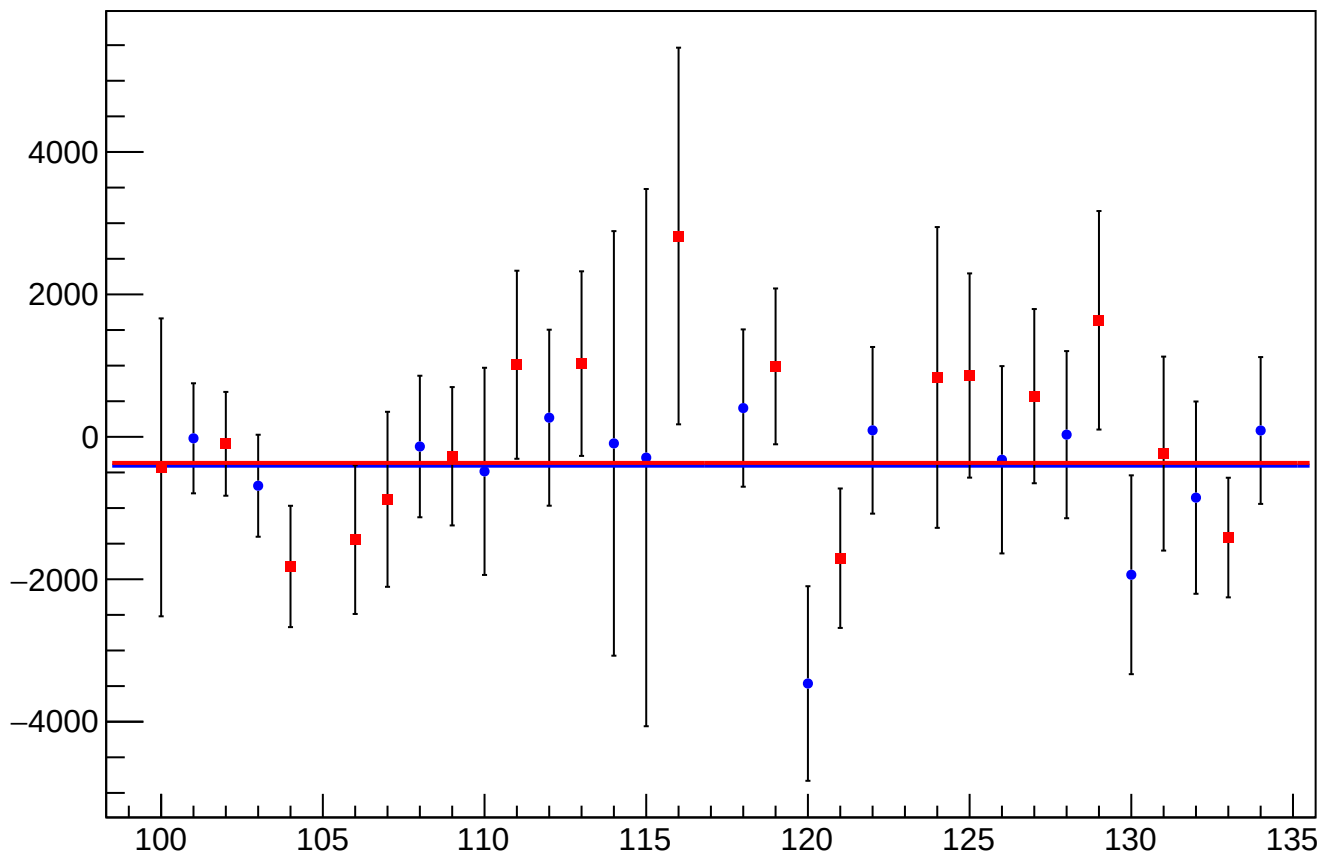
Right: 93.573+/-0.018 χ^2/NDF : 145689.9/31

In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.573+/-0.018 χ^2/NDF : 145689.9/31

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -405.157 $\pm$ 296.951 χ^2 /NDF: 8.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -366.088 $\pm$ 276.507 χ^2 /NDF: 16.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

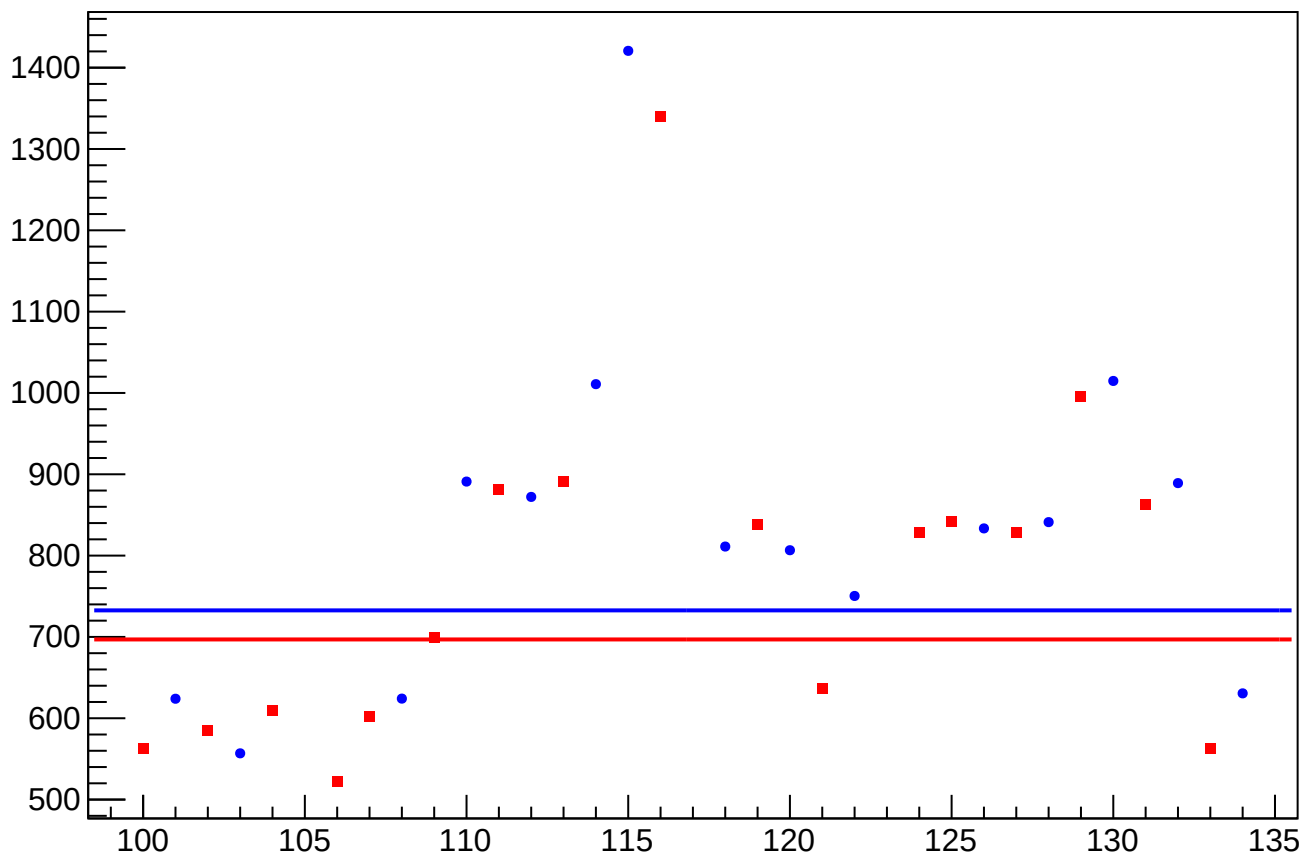
Right: -384.231 $\pm$ 202.362 χ^2 /NDF: 24.5/31

In: -405.157 $\pm$ 296.951 χ^2 /NDF:8.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -384.231 $\pm$ 202.362 χ^2 /NDF: 24.5/31

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 732.644+/-0.210 χ^2/NDF : 490515.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.899+/-0.196 χ^2/NDF : 594913.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

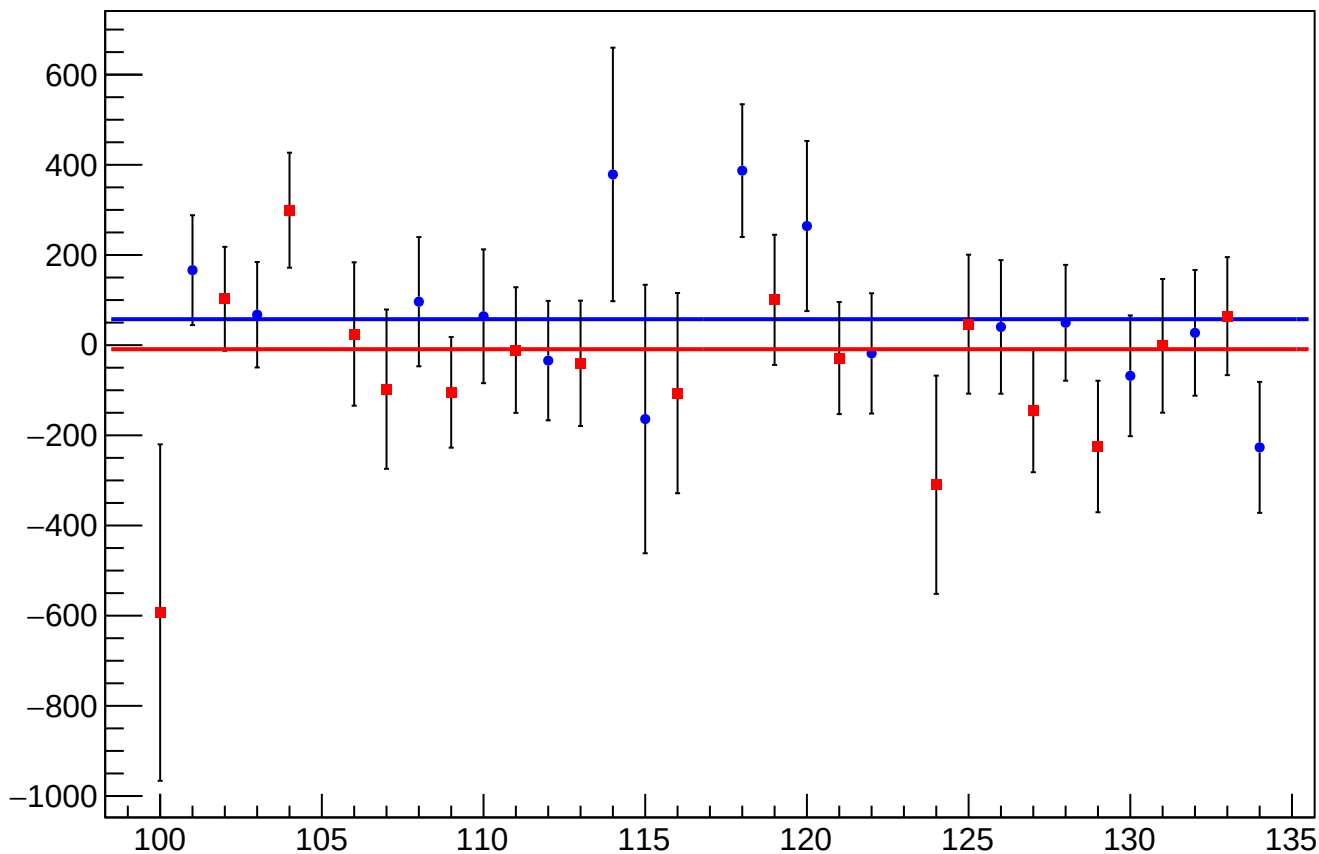
Right: 713.499+/-0.143 χ^2/NDF : 1100950.0/31

In: 732.644+/-0.210 χ^2/NDF : 490515.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.499+/-0.143 χ^2/NDF : 1100950.0/31

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 57.613+/-37.618 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.920+/-35.768 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

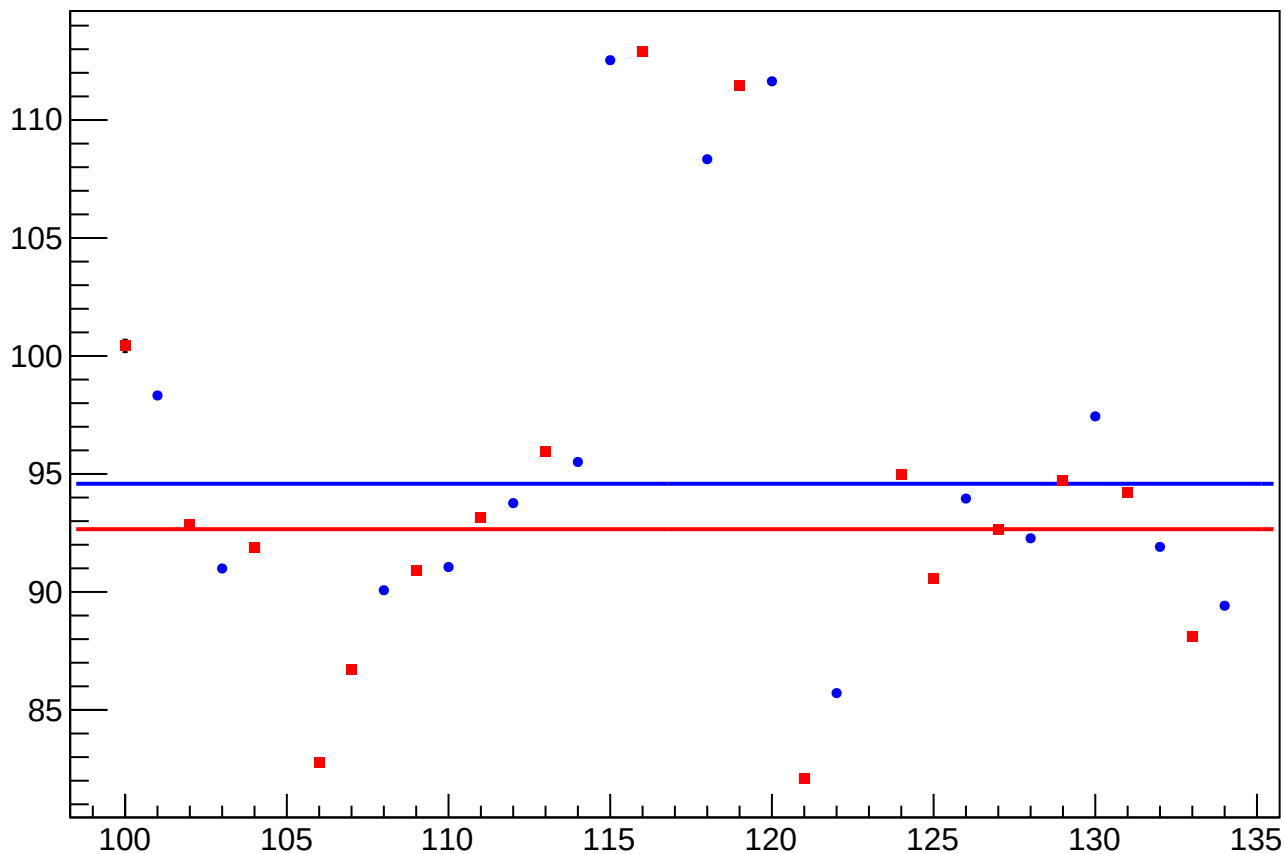
Right: 22.671+/-25.921 χ^2/NDF : 32.3/31

In: 57.613+/-37.618 χ^2/NDF : 14.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.671+/-25.921 χ^2/NDF : 32.3/31

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.660+/-0.025 χ^2/NDF : 81190.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

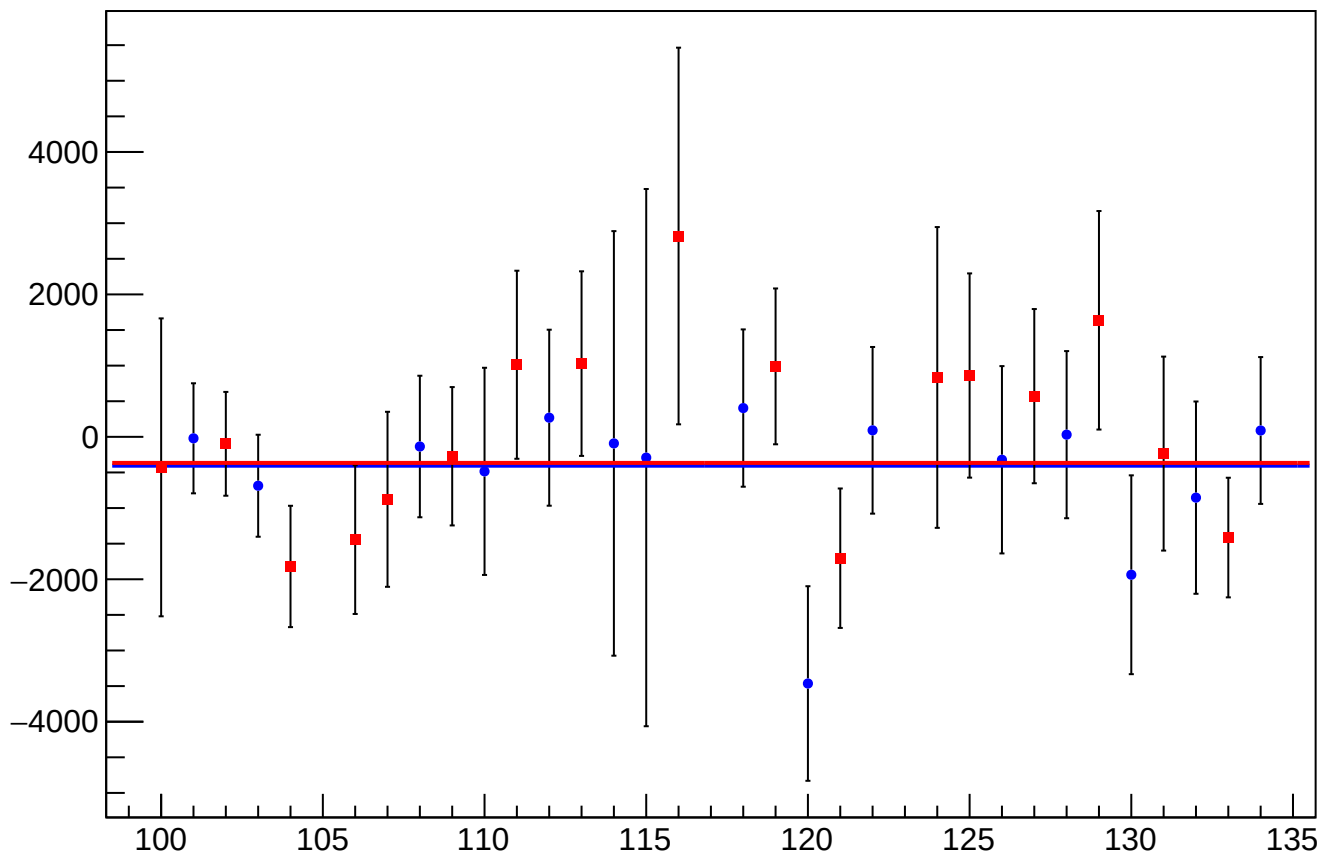
Right: 93.573+/-0.018 χ^2/NDF : 145689.9/31

In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.573+/-0.018 χ^2/NDF : 145689.9/31

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -405.157+/-296.951 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -366.088+/-276.507 χ^2/NDF : 16.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

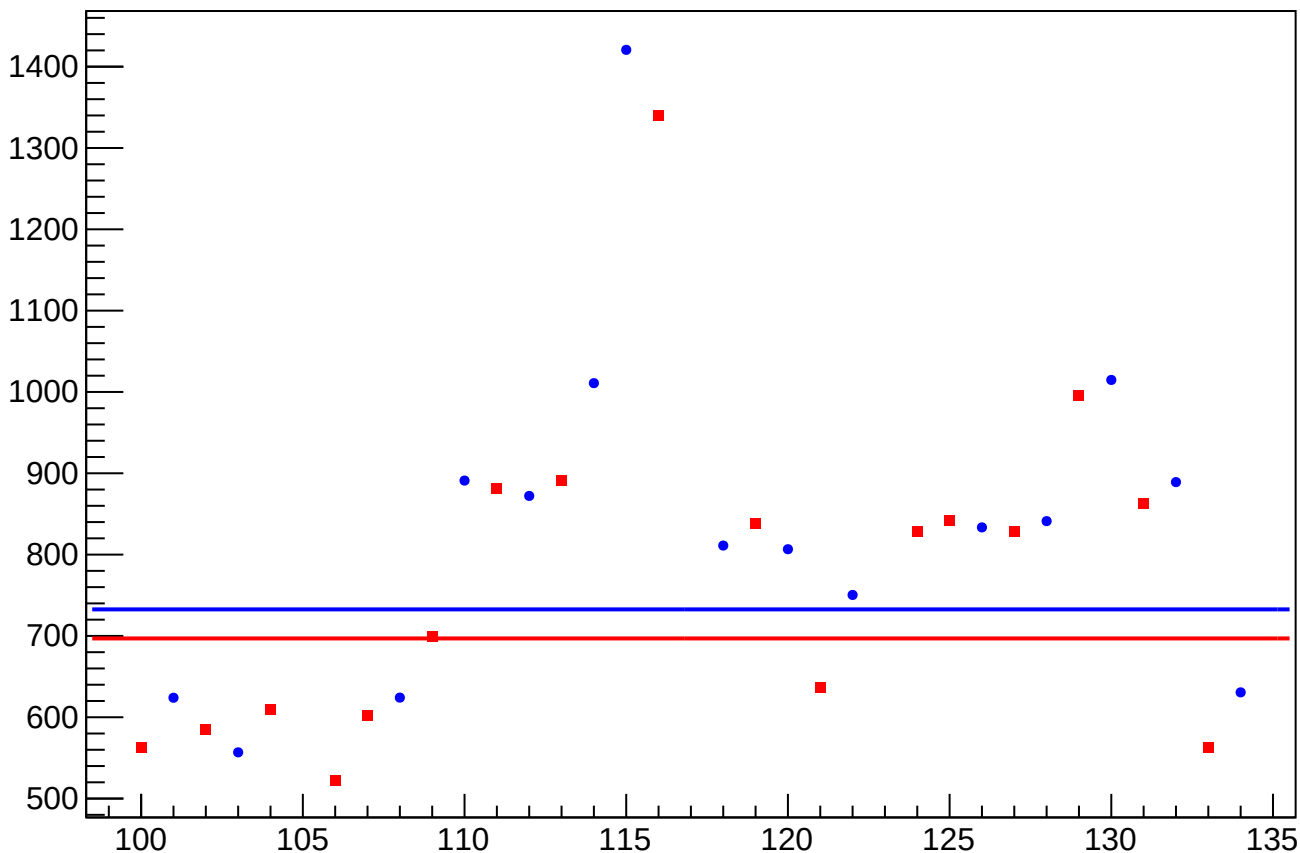
Right: -384.231+/-202.362 χ^2/NDF : 24.5/31

In: -405.157+/-296.951 χ^2/NDF : 8.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.231+/-202.362 χ^2/NDF : 24.5/31

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 732.644+/-0.210 χ^2/NDF : 490515.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.899+/-0.196 χ^2/NDF : 594913.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

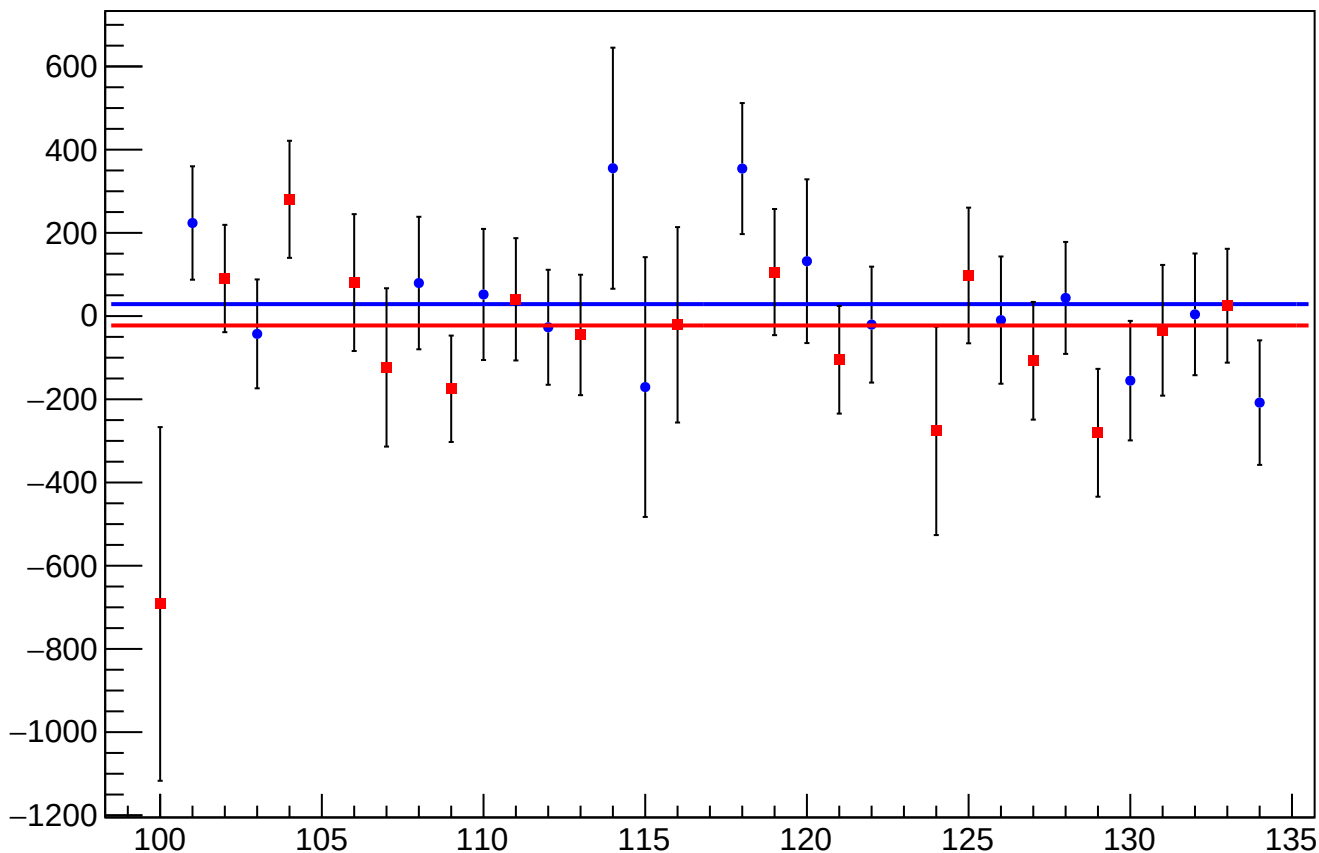
Right: 713.499+/-0.143 χ^2/NDF : 1100950.0/31

In: 732.644+/-0.210 χ^2/NDF : 490515.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.499+/-0.143 χ^2/NDF : 1100950.0/31

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 28.738 $\pm$ 40.100 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.566 $\pm$ 37.876 χ^2 /NDF: 16.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

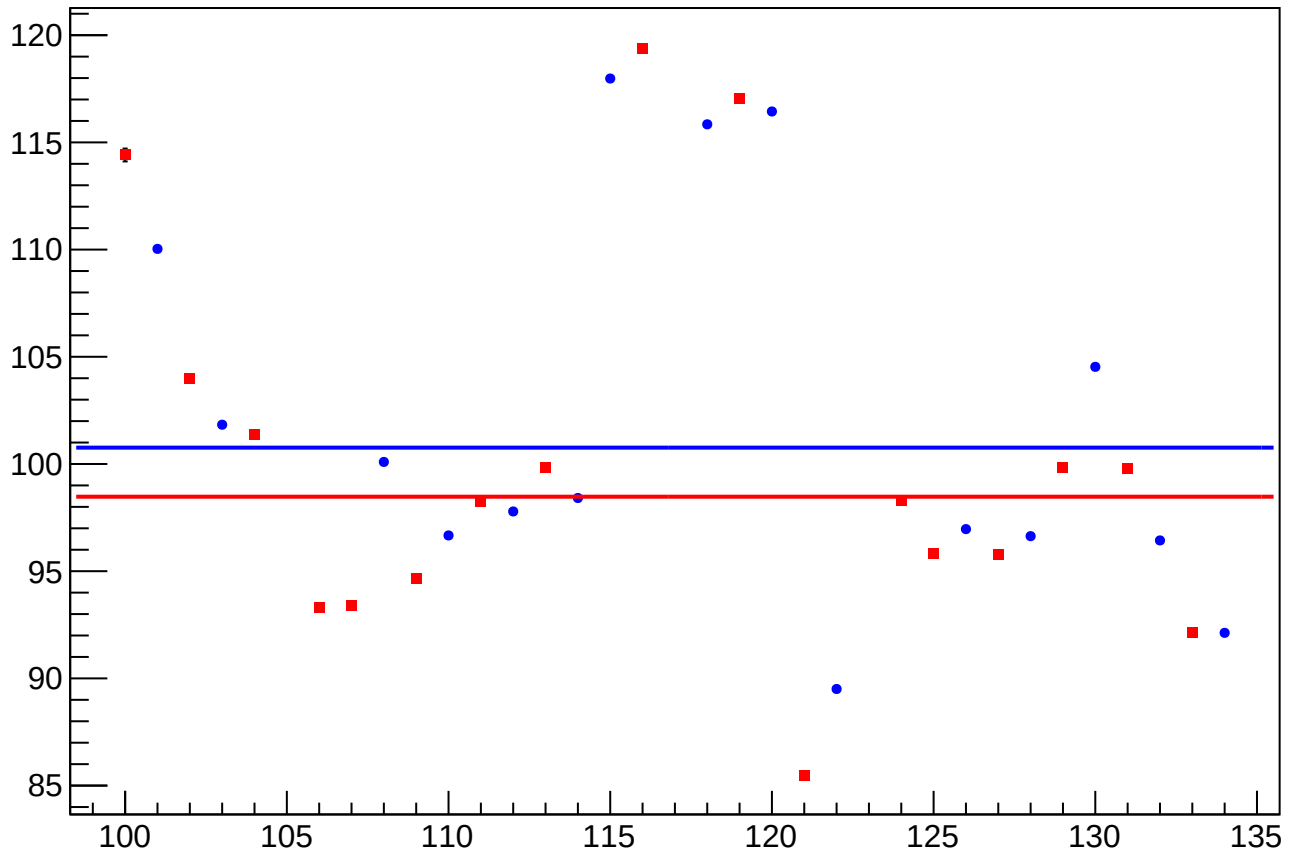
Right: 1.624 $\pm$ 27.535 χ^2 /NDF: 30.3/31

In: 28.738 $\pm$ 40.100 χ^2 /NDF:13.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.624 $\pm$ 27.535 χ^2 /NDF: 30.3/31

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 100.763 $\pm$ 0.028 χ^2/NDF : 74905.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 98.475 $\pm$ 0.027 χ^2/NDF : 84687.8/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

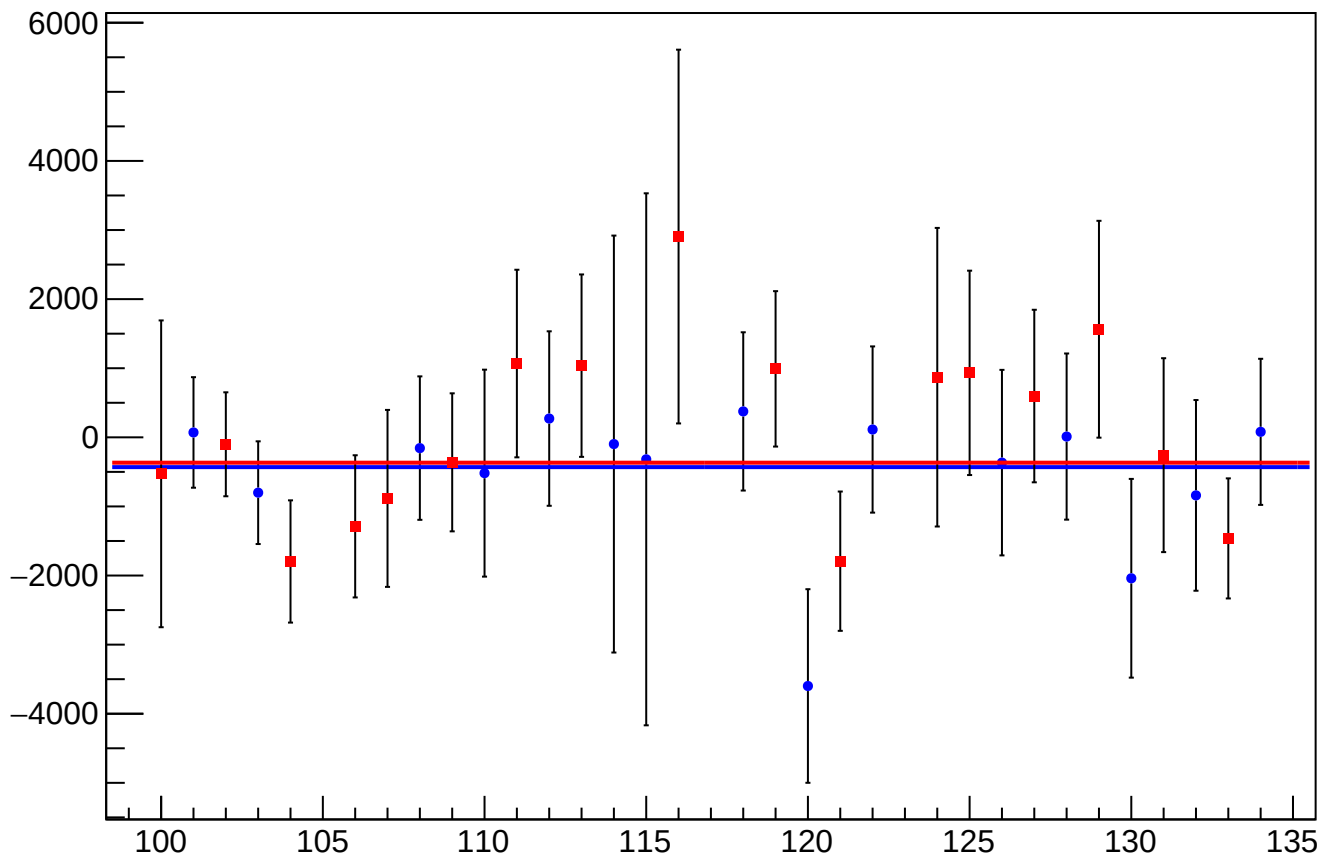
Right: 99.554 $\pm$ 0.019 χ^2/NDF : 163035.6/31

In: 100.763 $\pm$ 0.028 χ^2/NDF : 74905.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 99.554 $\pm$ 0.019 χ^2/NDF : 163035.6/31

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -431.156+/-306.188 χ^2/NDF : 8.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -366.954+/-284.142 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

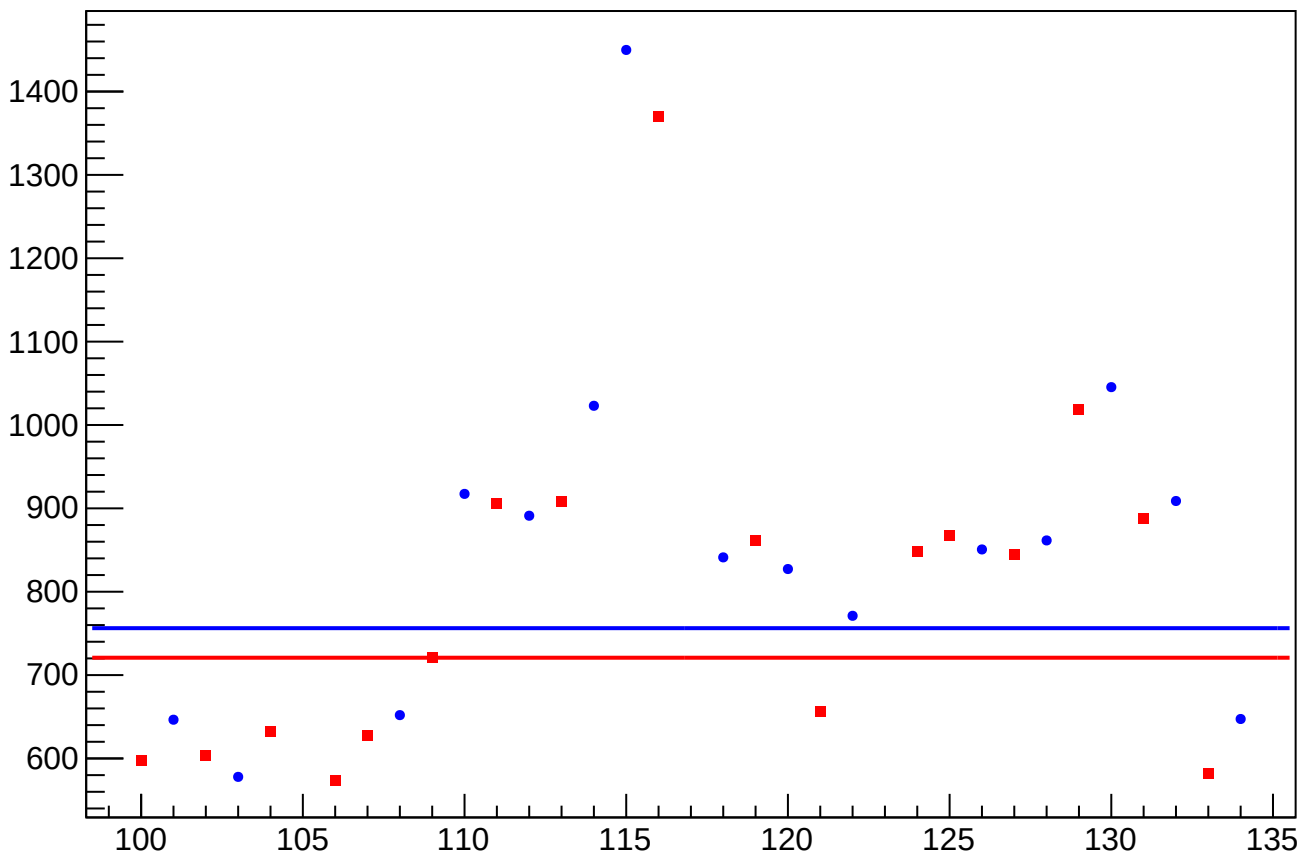
Right: -396.660+/-208.277 χ^2/NDF : 24.3/31

In: -431.156+/-306.188 χ^2/NDF : 8.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.660+/-208.277 χ^2/NDF : 24.3/31

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 756.283+/-0.217 χ^2/NDF : 467839.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.836+/-0.201 χ^2/NDF : 555875.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

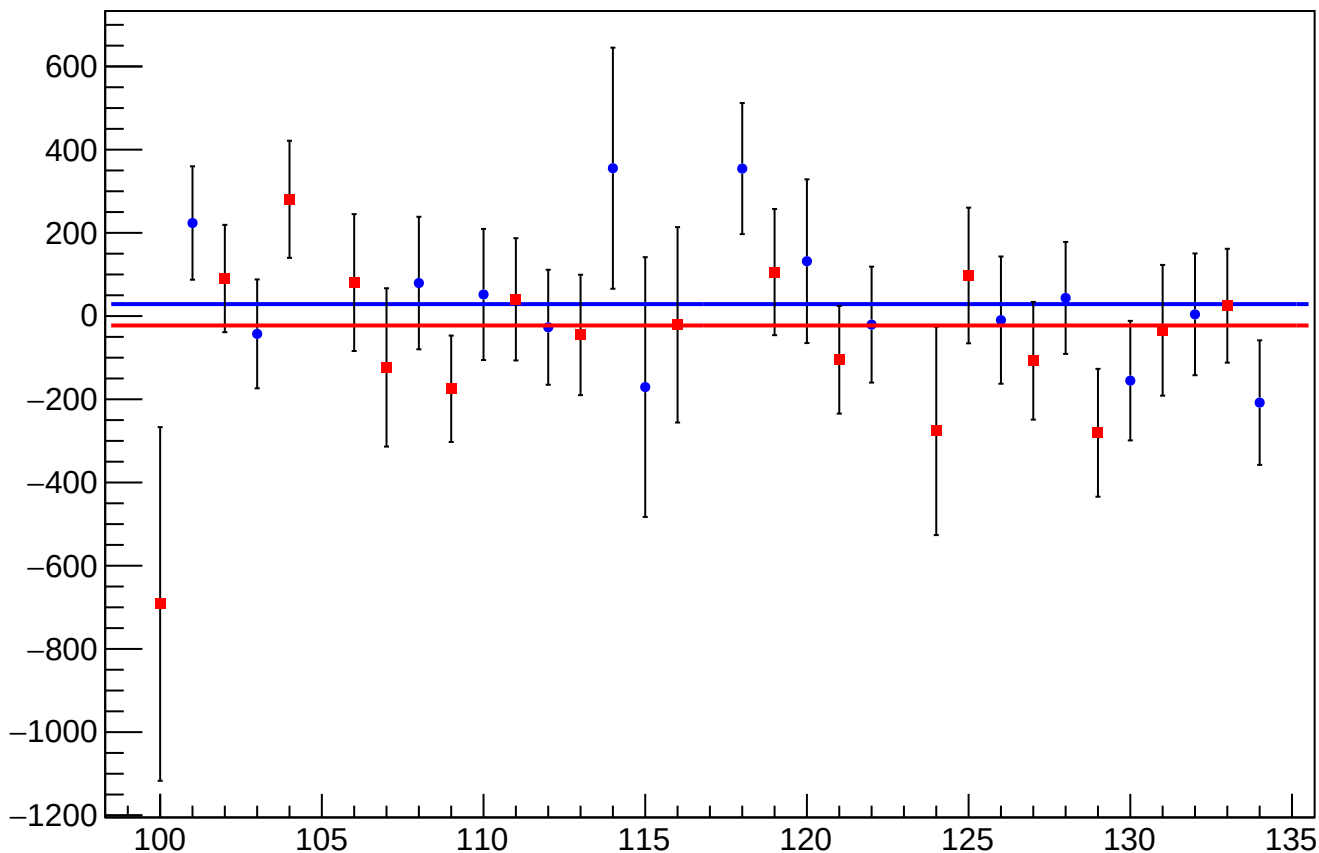
Right: 737.237+/-0.147 χ^2/NDF : 1038116.3/31

In: 756.283+/-0.217 χ^2/NDF : 467839.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.237+/-0.147 χ^2/NDF : 1038116.3/31

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 28.739 $\pm$ 40.099 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.567 $\pm$ 37.875 χ^2 /NDF: 16.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

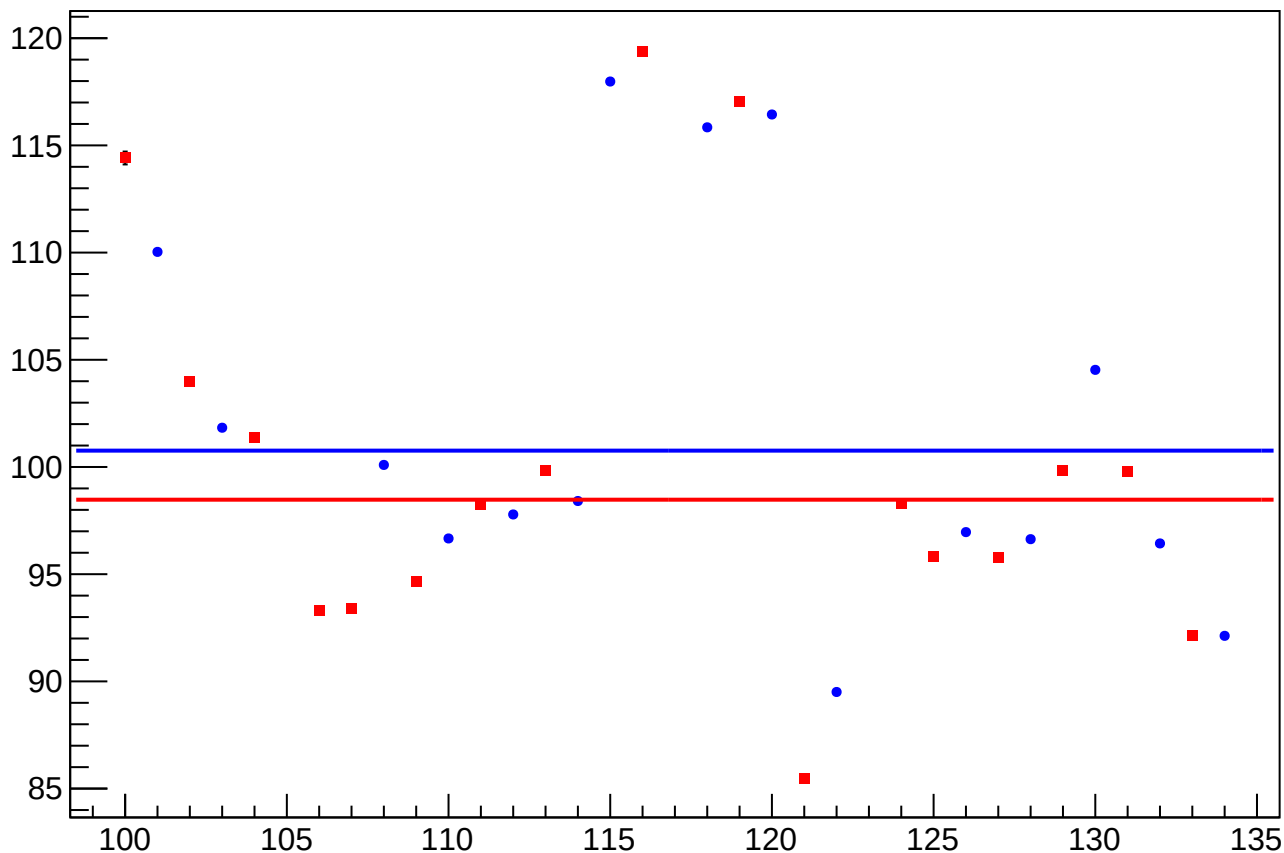
Right: 1.624 $\pm$ 27.535 χ^2 /NDF: 30.3/31

In: 28.739 $\pm$ 40.099 χ^2 /NDF:13.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.624 $\pm$ 27.535 χ^2 /NDF: 30.3/31

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 100.763 $\pm$ 0.028 χ^2 /NDF: 74904.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.474 $\pm$ 0.027 χ^2 /NDF: 84688.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

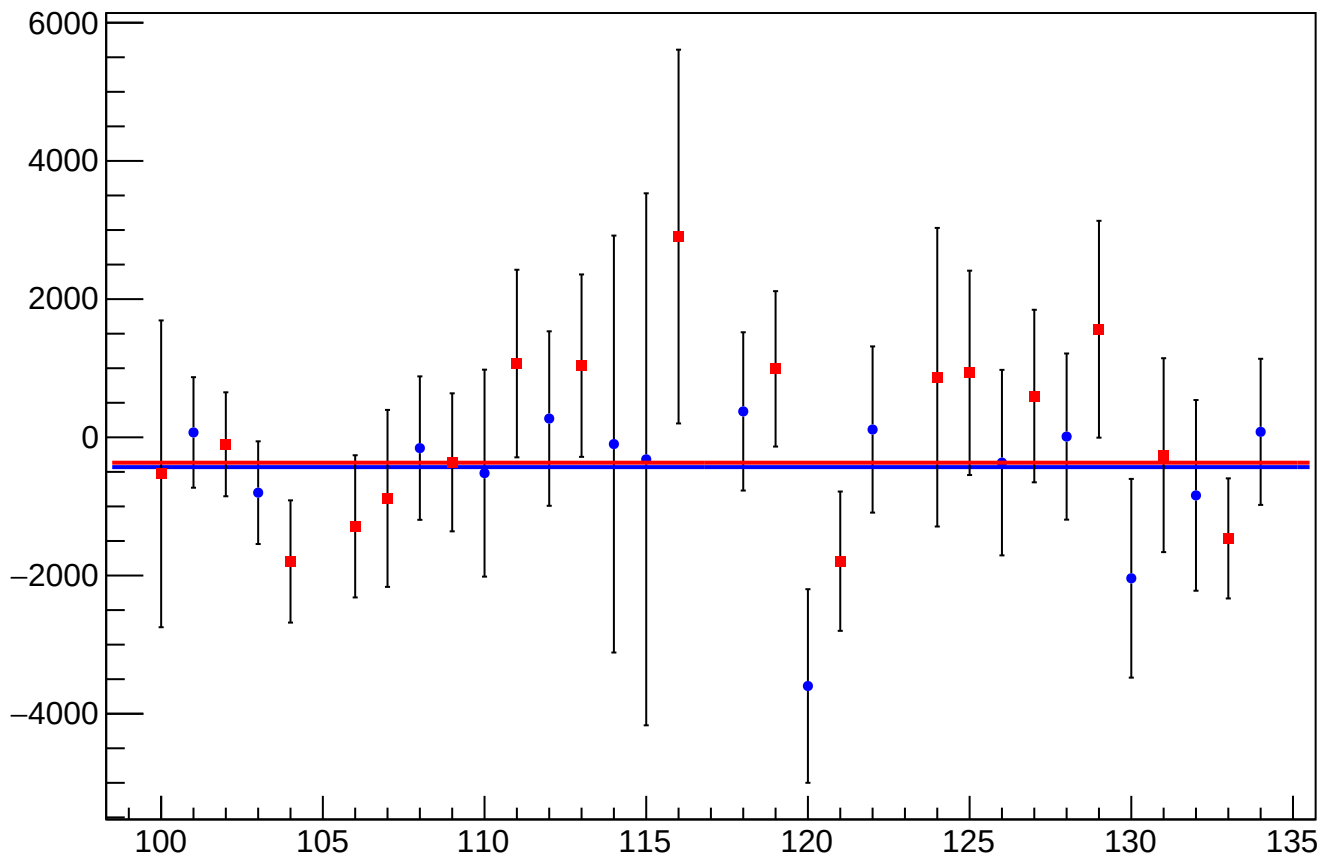
Right: 99.553 $\pm$ 0.019 χ^2 /NDF: 163035.7/31

In: 100.763 $\pm$ 0.028 χ^2 /NDF:74904.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.553 $\pm$ 0.019 χ^2 /NDF: 163035.7/31

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -431.155+/-306.188 χ^2/NDF : 8.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -366.954+/-284.142 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

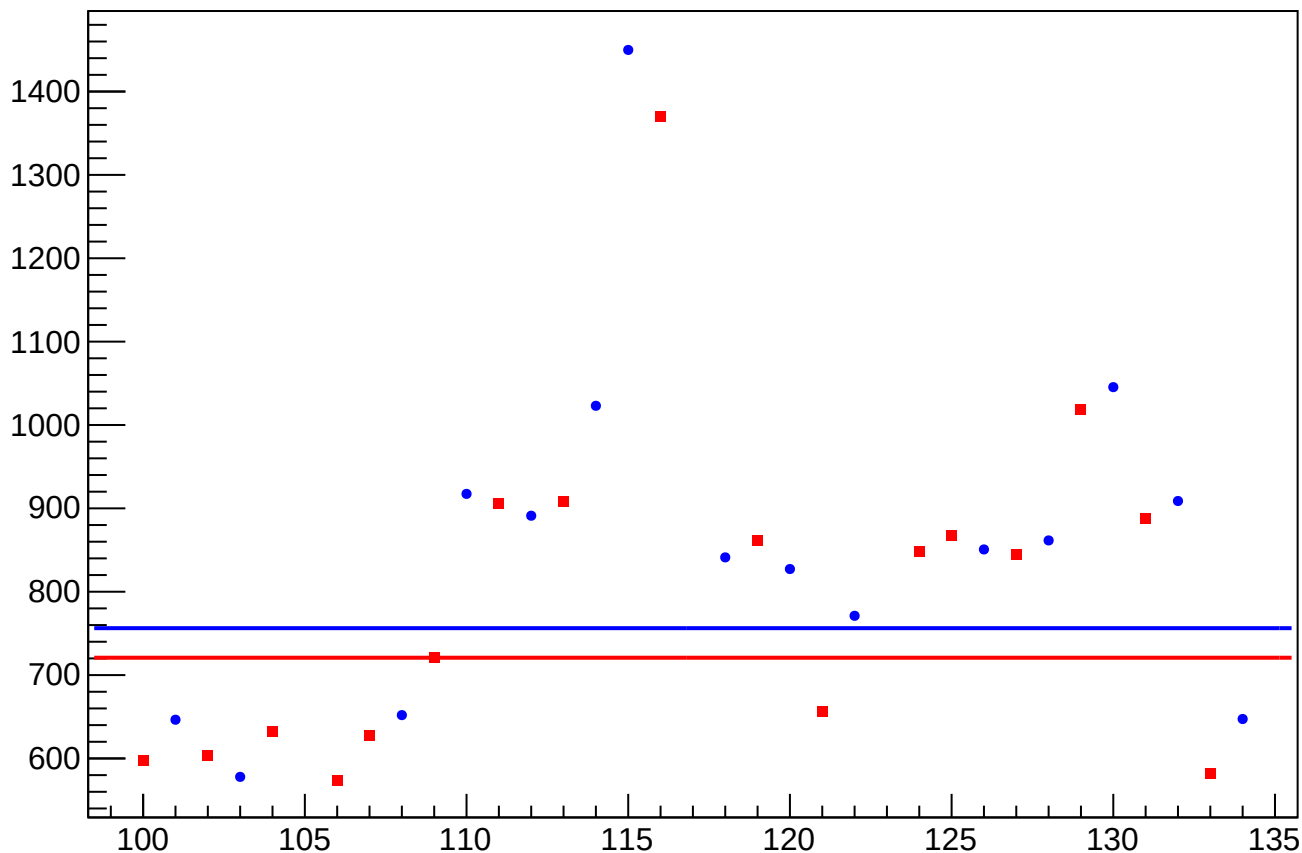
Right: -396.660+/-208.277 χ^2/NDF : 24.3/31

In: -431.155+/-306.188 χ^2/NDF : 8.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.660+/-208.277 χ^2/NDF : 24.3/31

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 756.282+/-0.217 χ^2/NDF : 467836.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 720.835+/-0.201 χ^2/NDF : 555874.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

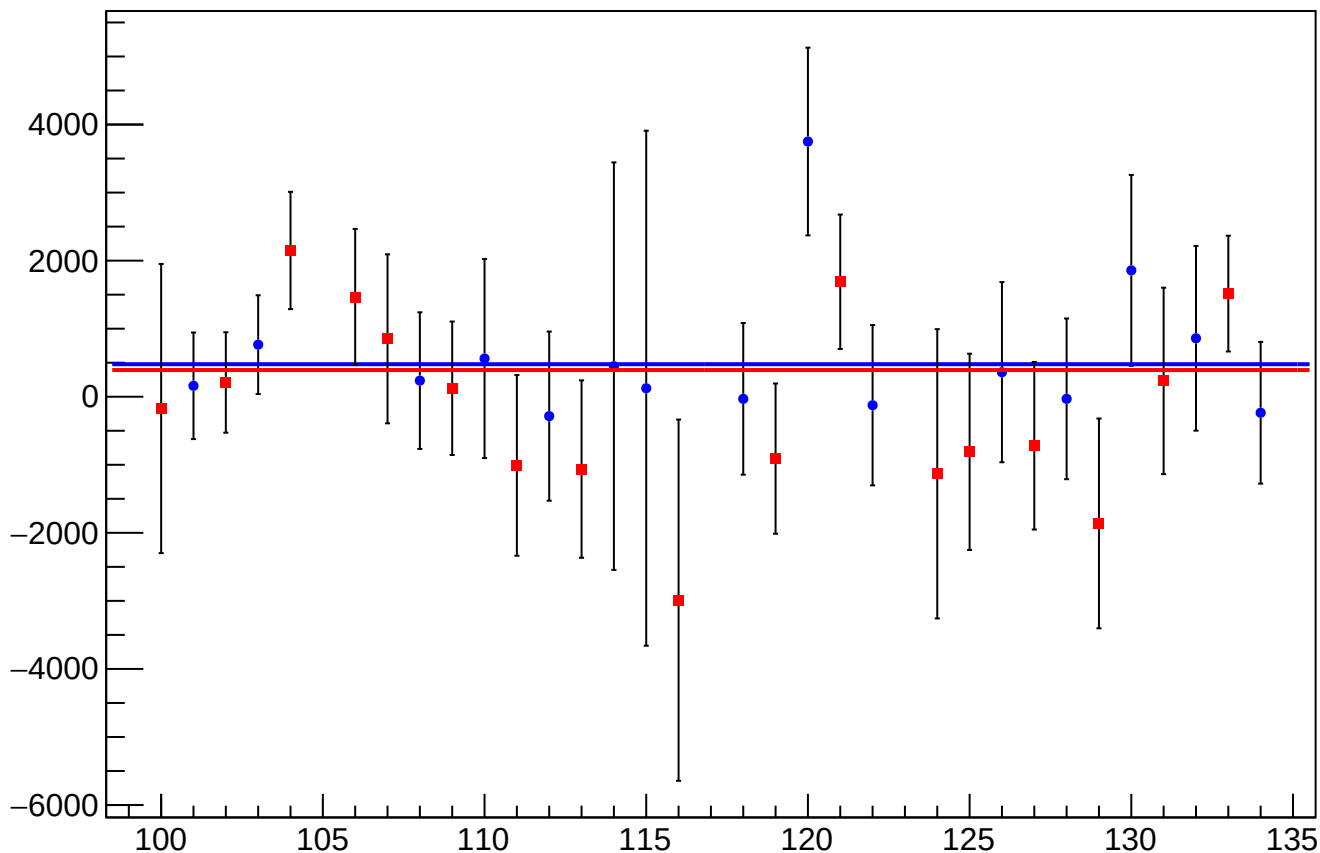
Right: 737.236+/-0.147 χ^2/NDF : 1038113.1/31

In: 756.282+/-0.217 χ^2/NDF :467836.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 737.236+/-0.147 χ^2/NDF : 1038113.1/31

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 477.975+/-299.728 χ^2/NDF : 8.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.994+/-278.063 χ^2/NDF : 18.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

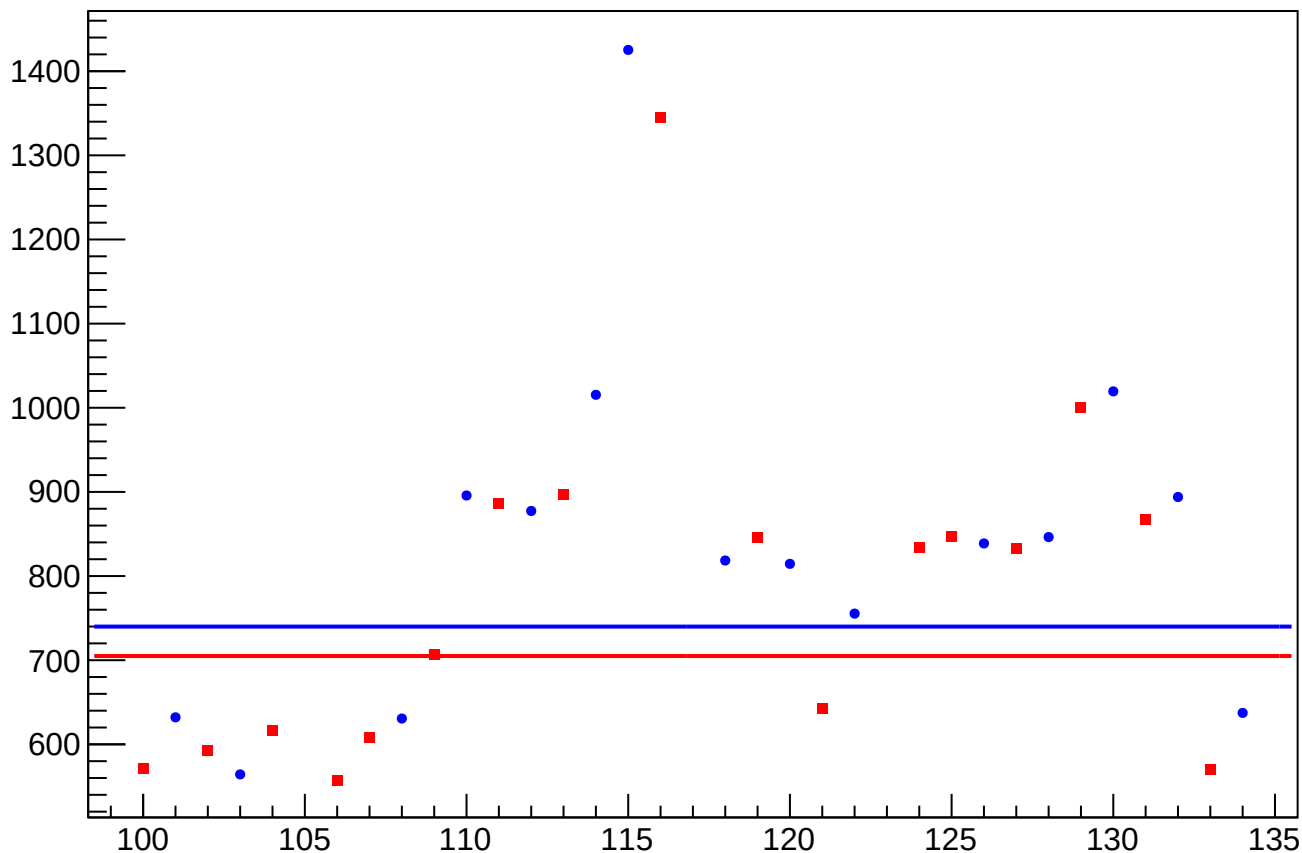
Right: 431.765+/-203.850 χ^2/NDF : 27.3/31

In: 477.975+/-299.728 χ^2/NDF : 8.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.765+/-203.850 χ^2/NDF : 27.3/31

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 739.941+/-0.212 χ^2/NDF : 476627.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 704.976+/-0.197 χ^2/NDF : 568772.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

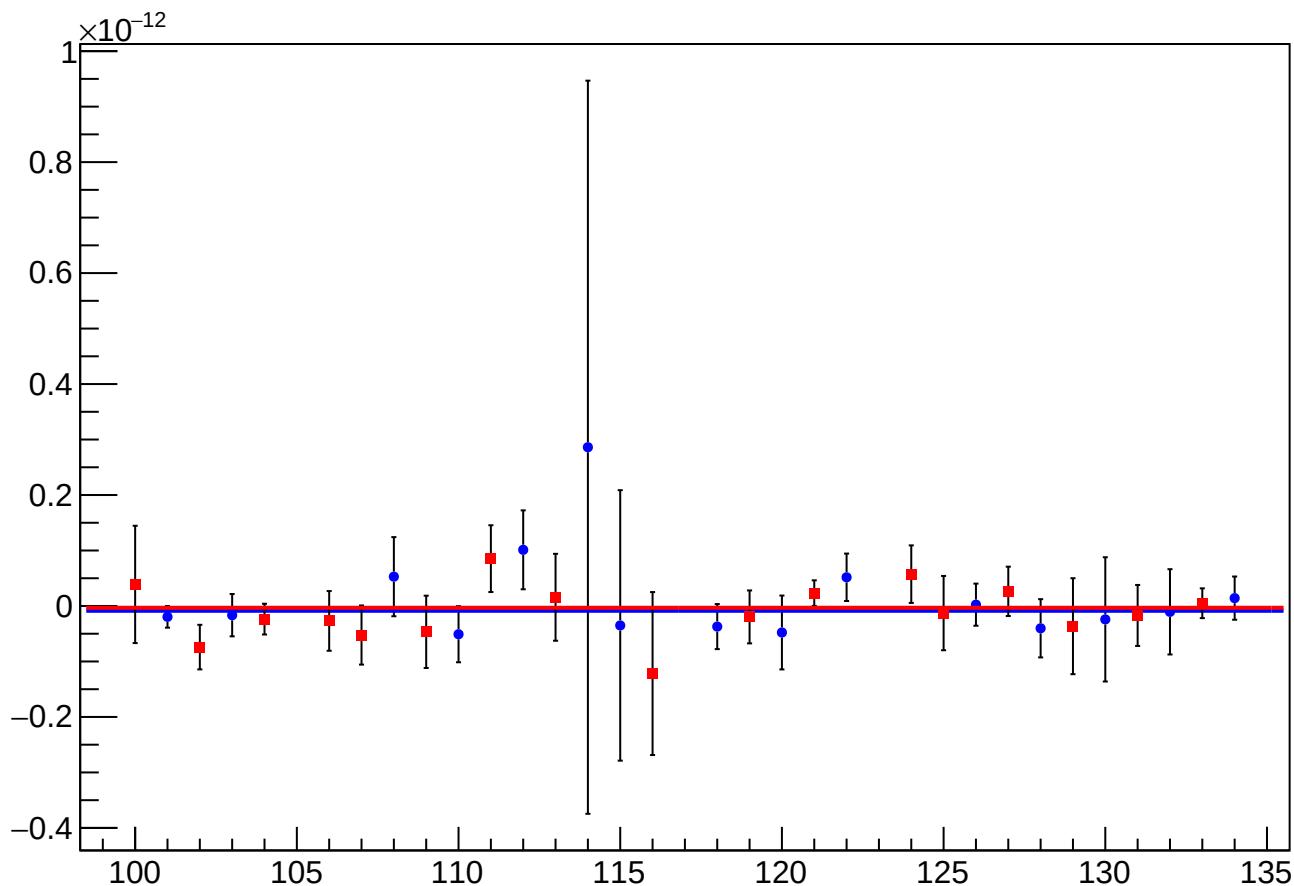
Right: 721.149+/-0.144 χ^2/NDF : 1060027.2/31

In: 739.941+/-0.212 χ^2/NDF : 476627.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.149+/-0.144 χ^2/NDF : 1060027.2/31

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

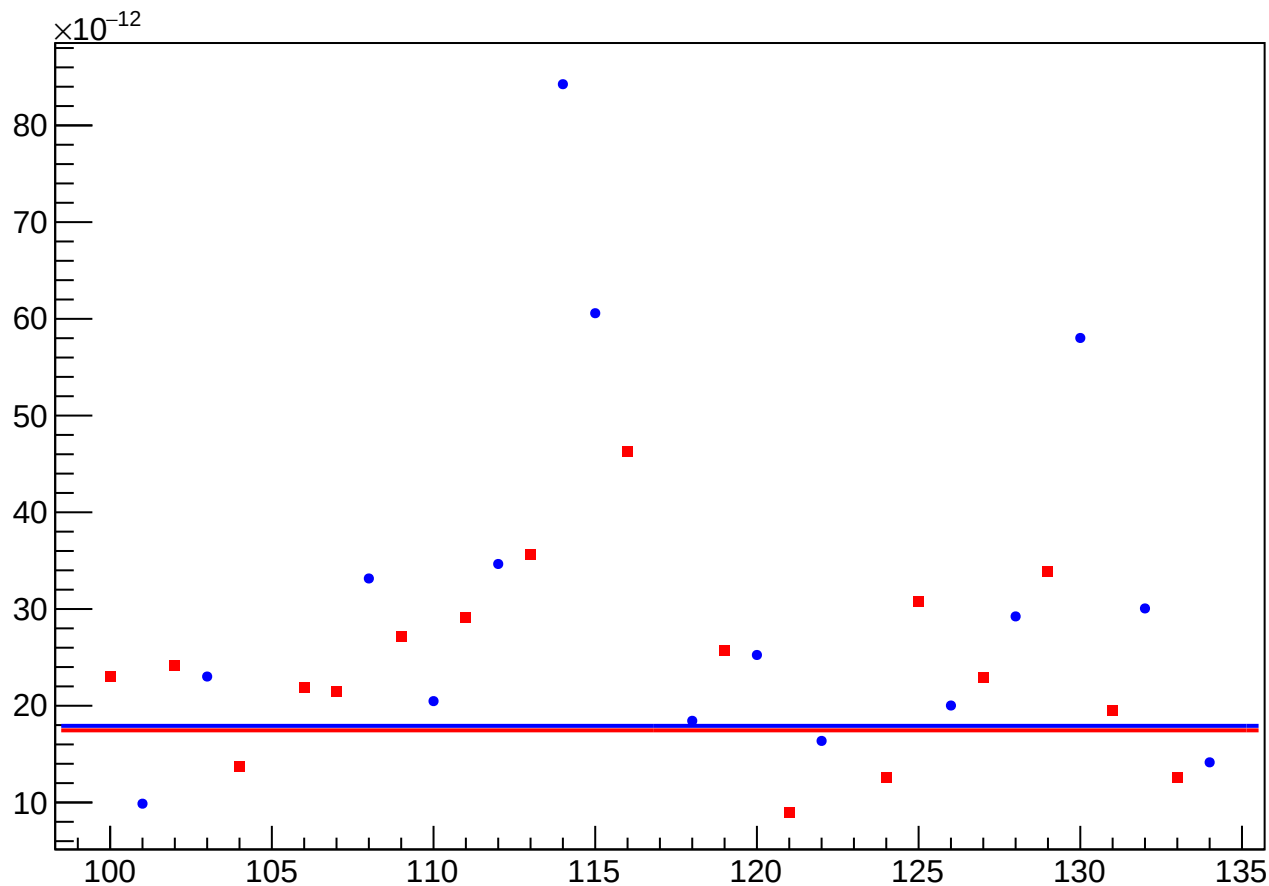
Right: -0.000+/-0.000 χ^2/NDF : 19.9/31

In: -0.000+/-0.000 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/31

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1115886.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1028306.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

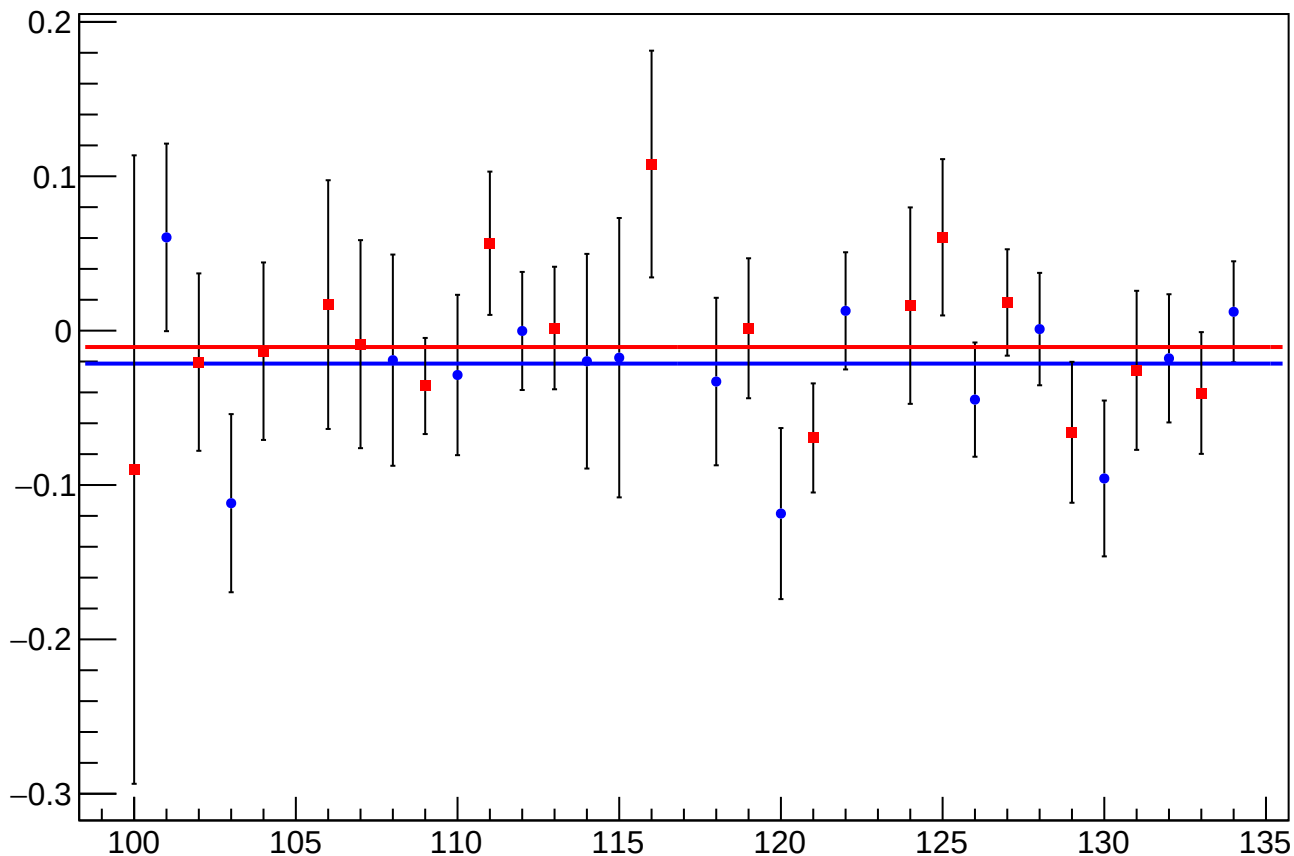
Right: 0.000+/-0.000 χ^2/NDF : 2145928.6/31

In: 0.000+/-0.000 χ^2/NDF : 1115886.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2145928.6/31

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.011 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

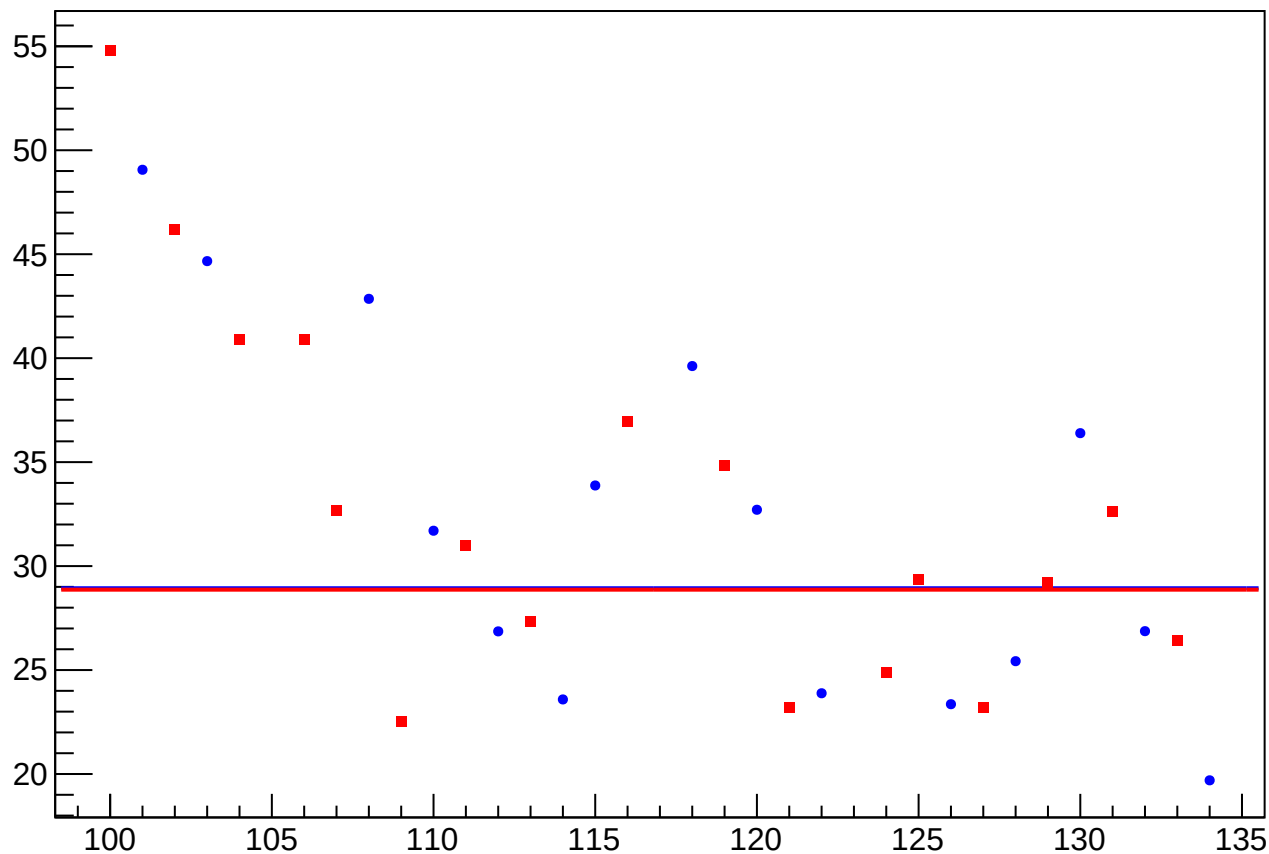
Right: -0.016 ± 0.008 χ^2/NDF : 26.5/31

In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.008 χ^2/NDF : 26.5/31

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.935+/-0.009 χ^2/NDF : 874549.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.866+/-0.008 χ^2/NDF : 634049.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

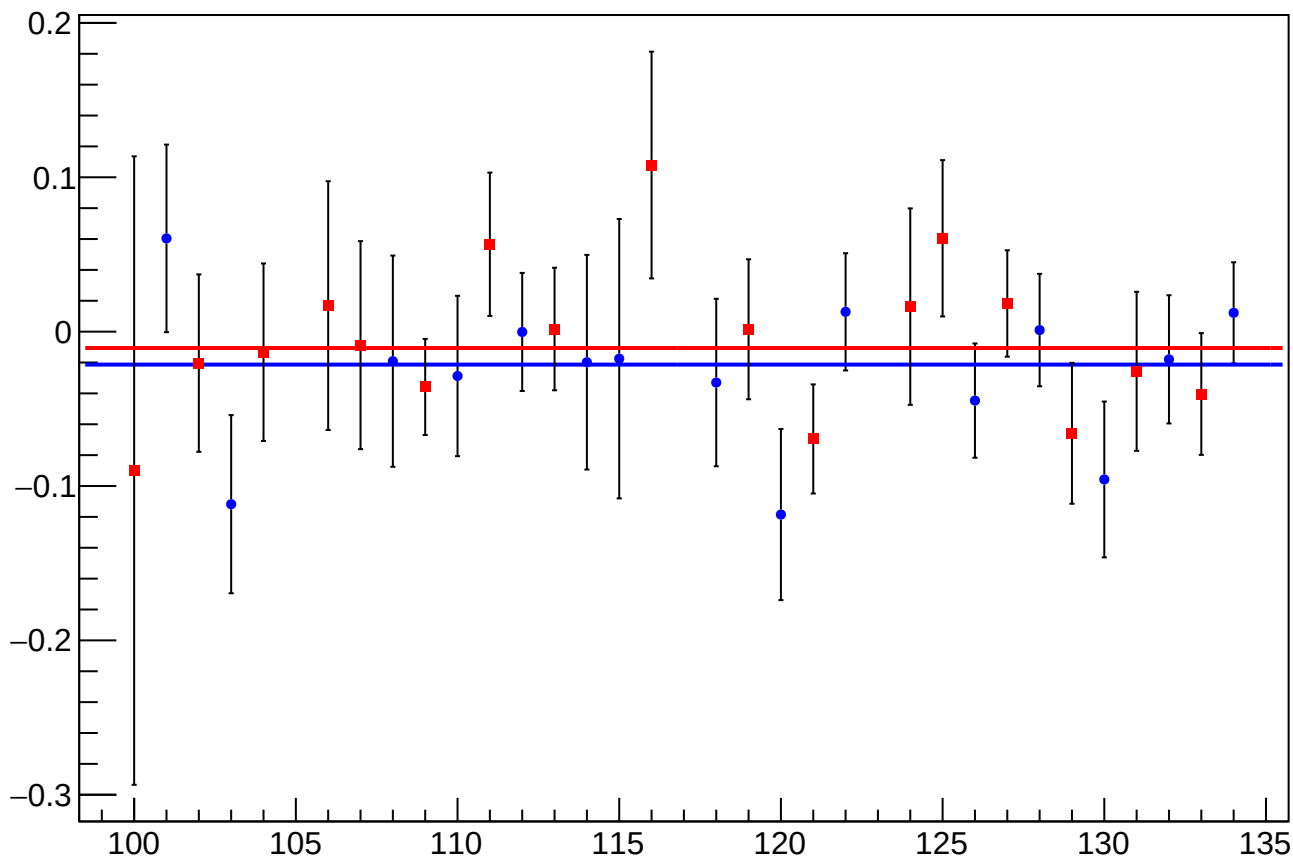
Right: 28.899+/-0.006 χ^2/NDF : 1508632.7/31

In: 28.935+/-0.009 χ^2/NDF : 874549.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.899+/-0.006 χ^2/NDF : 1508632.7/31

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.011 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

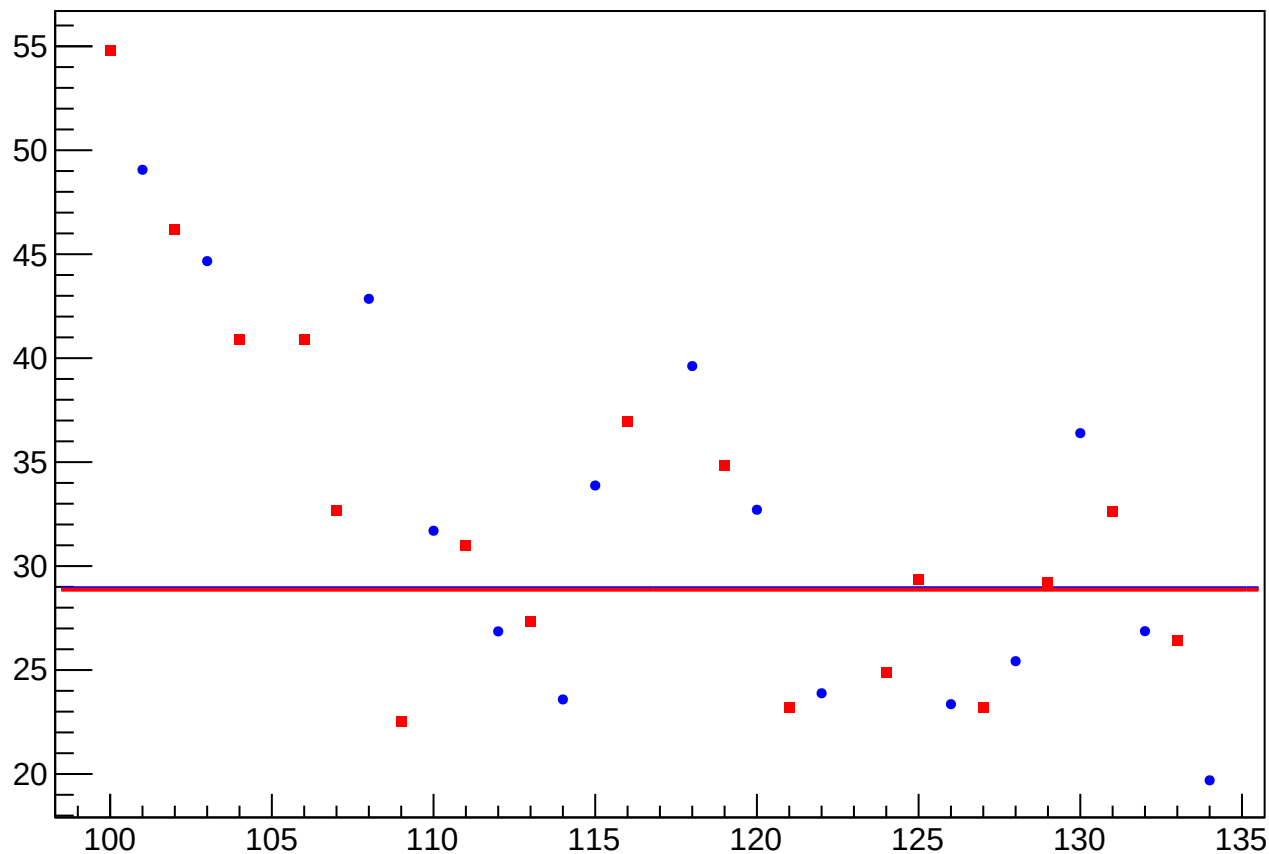
Right: -0.016 ± 0.008 χ^2/NDF : 26.5/31

In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.008 χ^2/NDF : 26.5/31

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.935+/-0.009 χ^2/NDF : 874549.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.866+/-0.008 χ^2/NDF : 634049.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

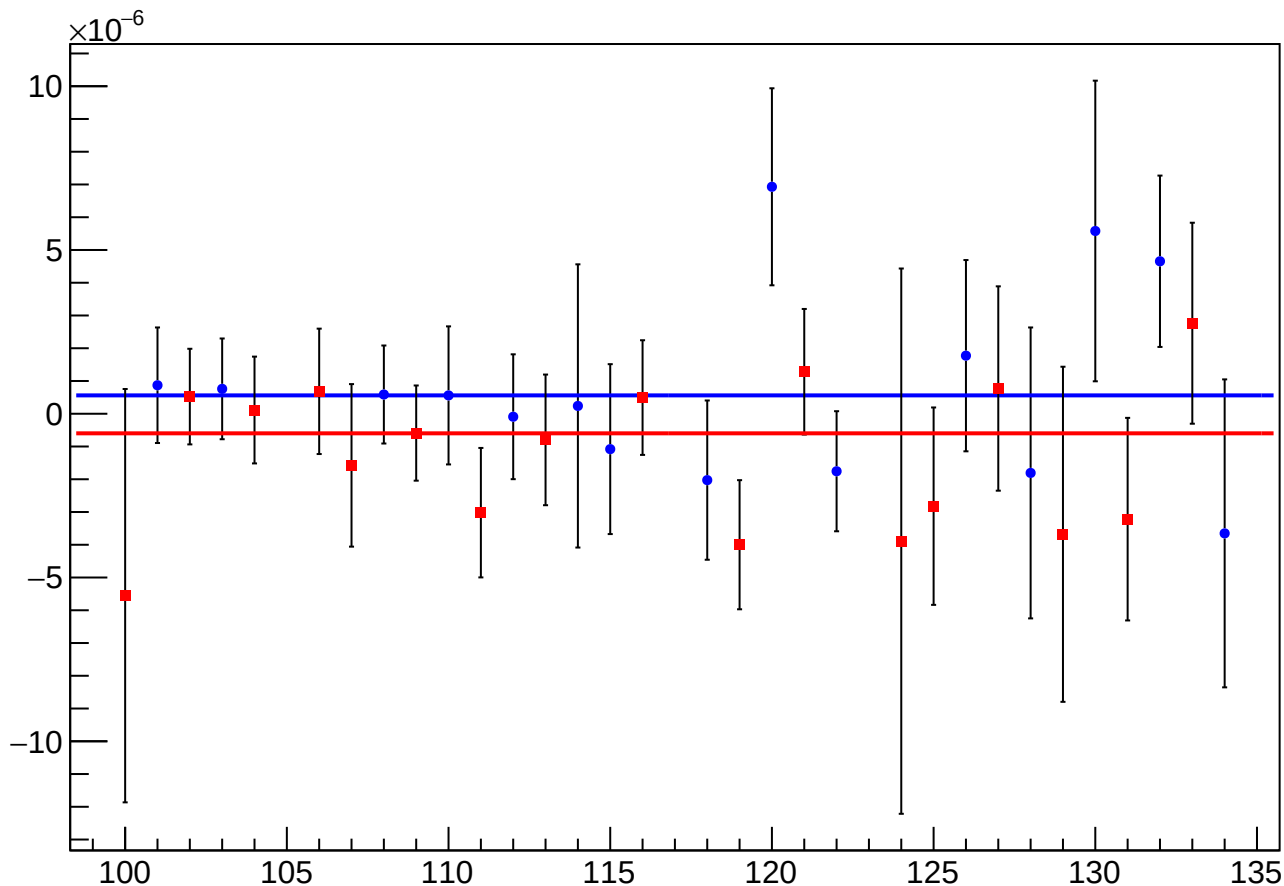
Right: 28.899+/-0.006 χ^2/NDF : 1508632.7/31

In: 28.935+/-0.009 χ^2/NDF : 874549.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.899+/-0.006 χ^2/NDF : 1508632.7/31

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

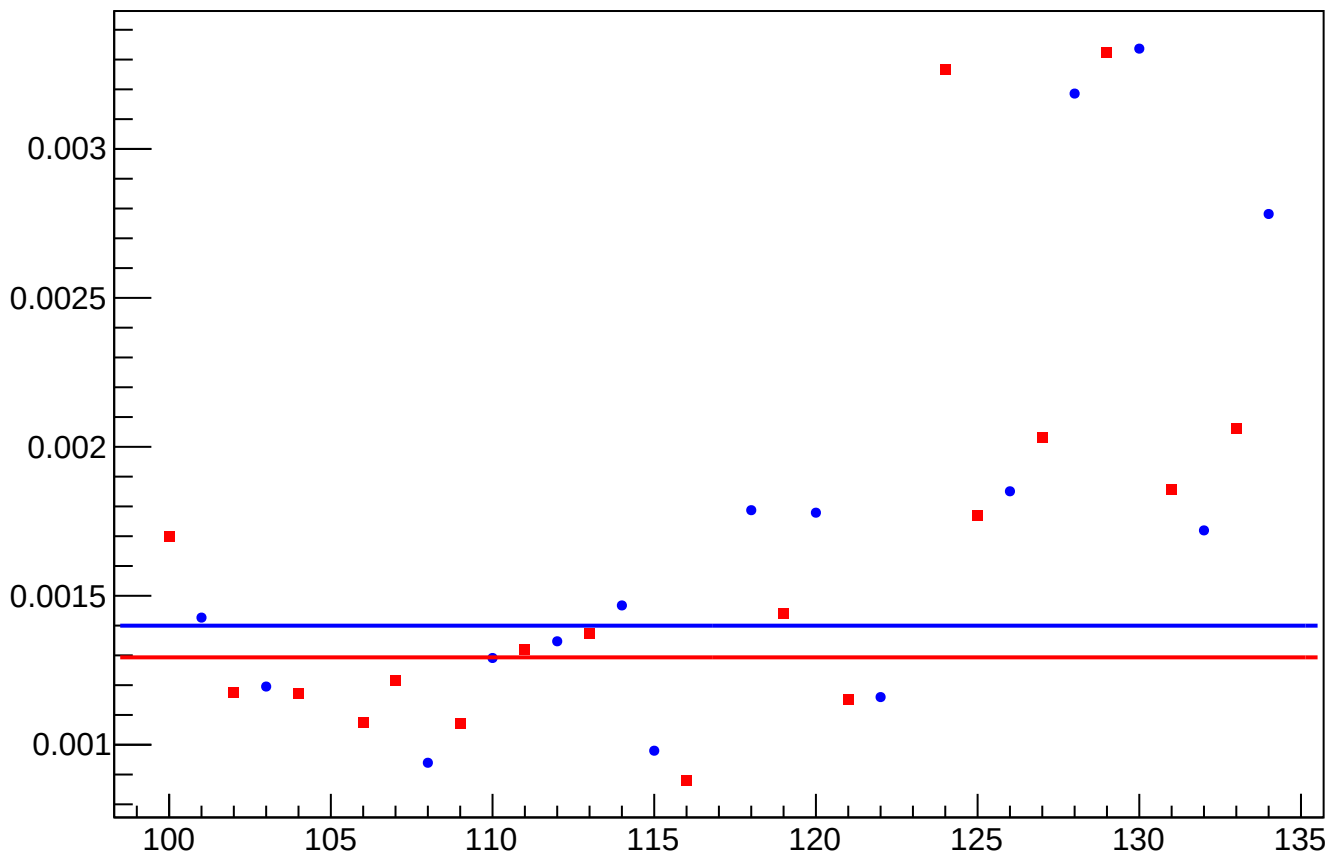
Right: -0.000+/-0.000 χ^2/NDF : 25.9/31

In: 0.000+/-0.000 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/31

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 1331686.2/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 1023477.8/16

Left 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 : 2391432.8/31

In: 0.001+/-0.000

χ^2/NDF : 1331686.2/14

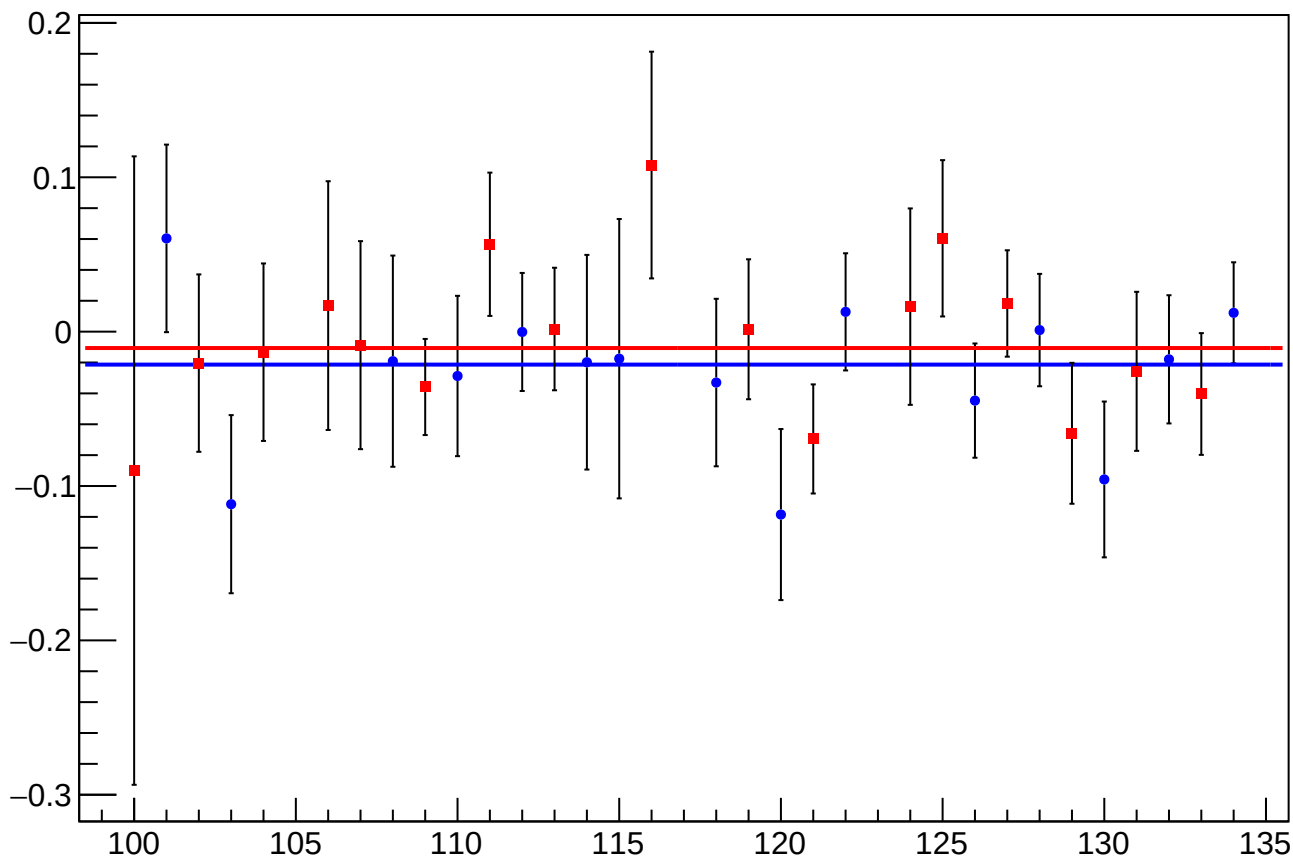
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 2391432.8/31

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.011 χ^2/NDF : 13.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

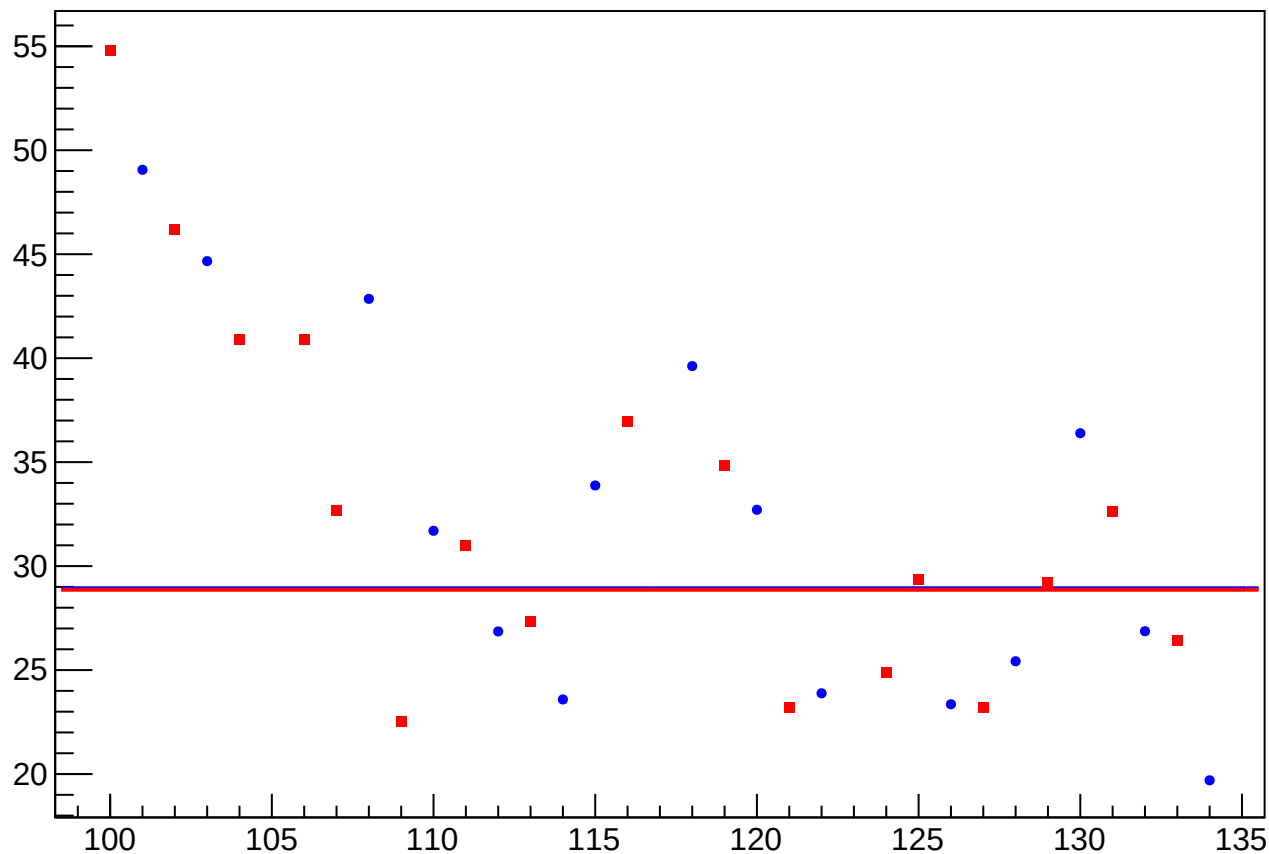
Right: -0.016 ± 0.008 χ^2/NDF : 26.5/31

In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.008 χ^2/NDF : 26.5/31

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.934+/-0.009 χ^2/NDF : 874463.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.864+/-0.008 χ^2/NDF : 634125.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

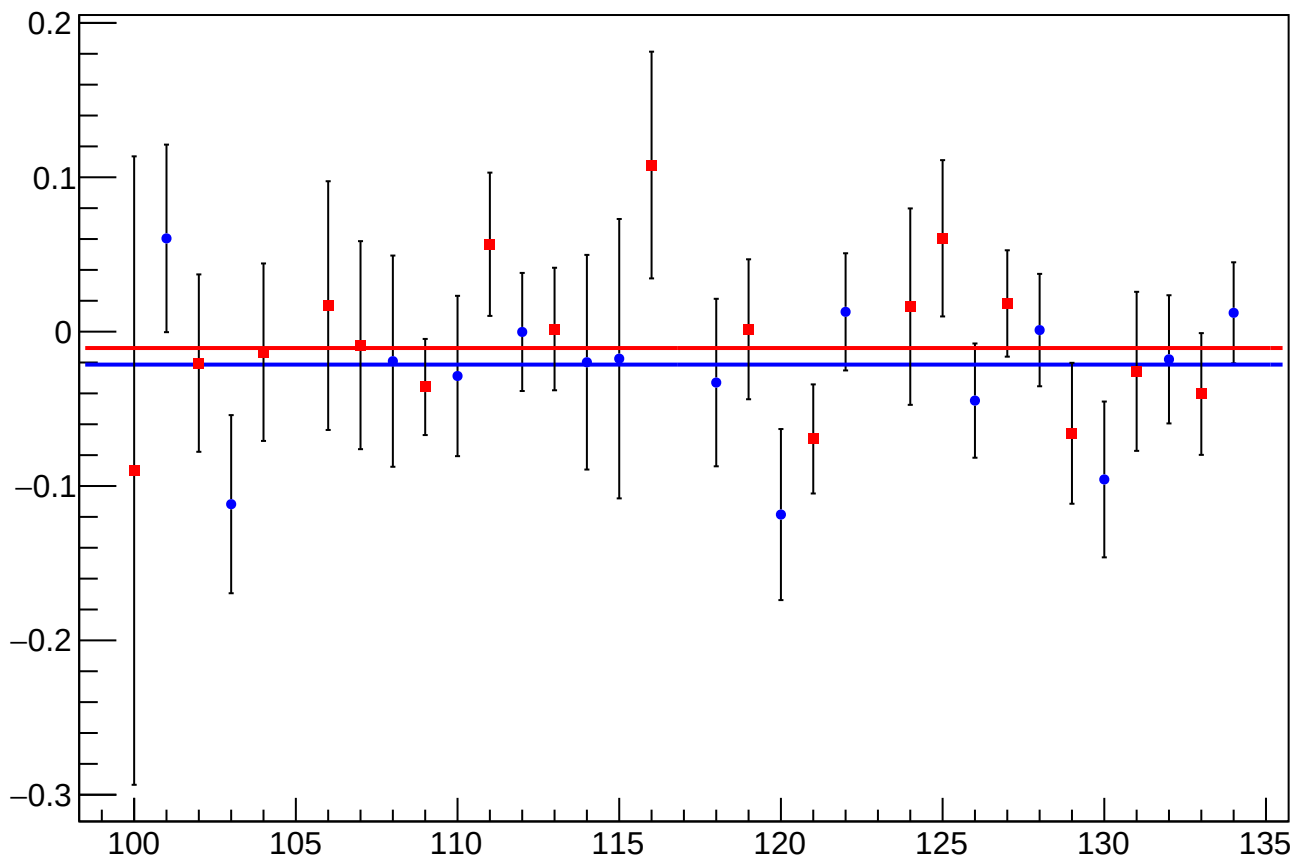
Right: 28.898+/-0.006 χ^2/NDF : 1508624.1/31

In: 28.934+/-0.009 χ^2/NDF : 874463.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.898+/-0.006 χ^2/NDF : 1508624.1/31

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

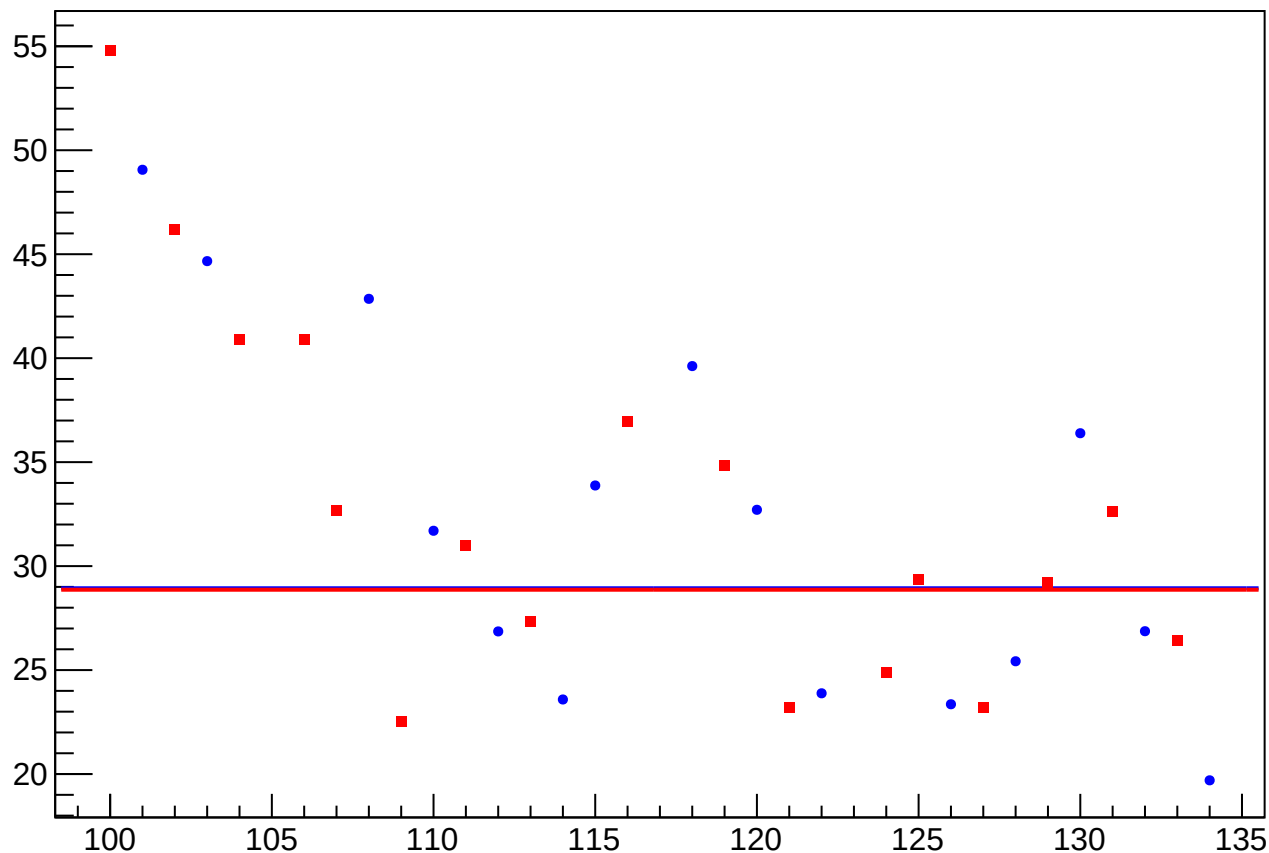
Right: -0.016 $\pm$ 0.008 χ^2 /NDF: 26.5/31

In: -0.021 $\pm$ 0.012 χ^2 /NDF:12.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.008 χ^2 /NDF: 26.5/31

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.934+/-0.009 χ^2/NDF : 874463.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.864+/-0.008 χ^2/NDF : 634125.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

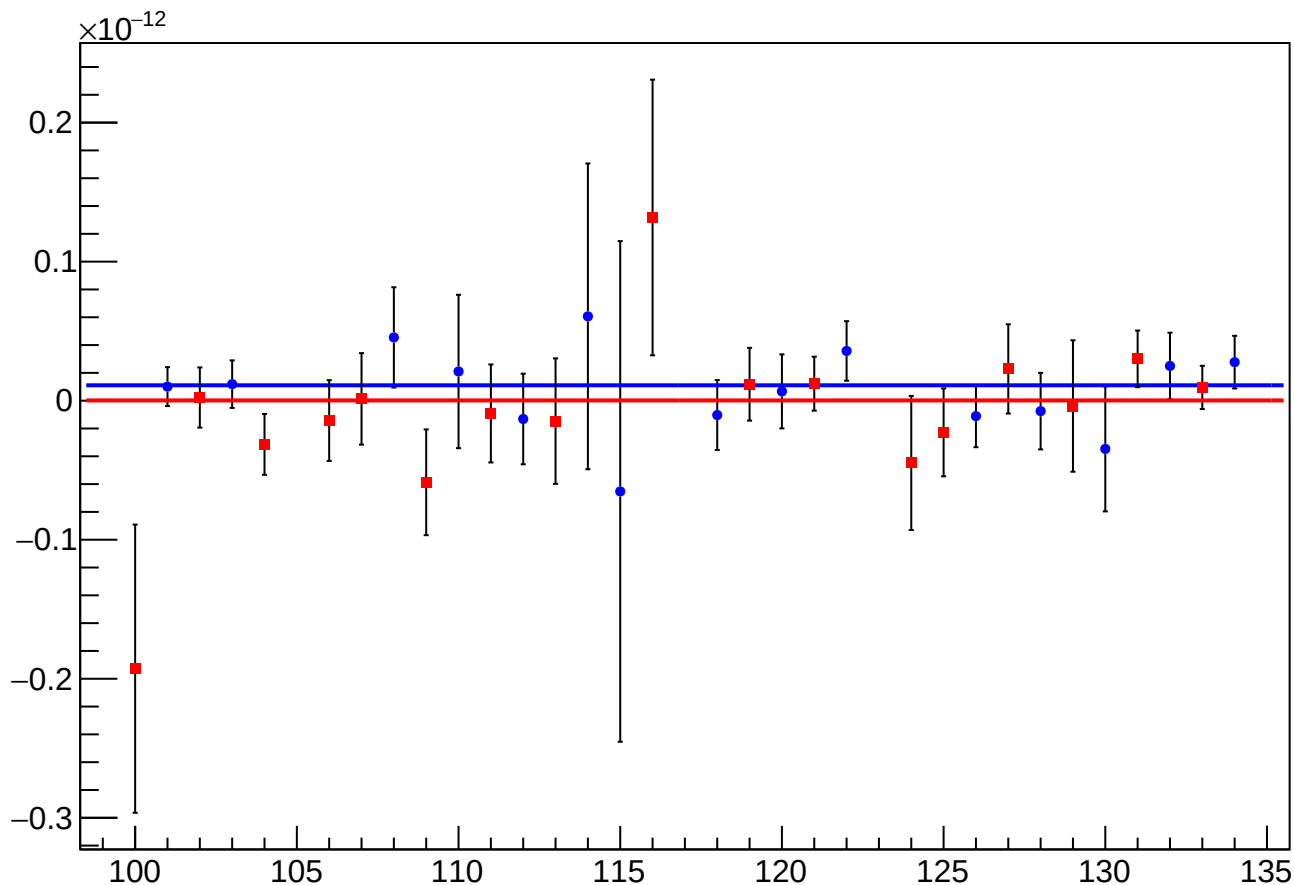
Right: 28.898+/-0.006 χ^2/NDF : 1508624.1/31

In: 28.934+/-0.009 χ^2/NDF : 874463.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.898+/-0.006 χ^2/NDF : 1508624.1/31

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

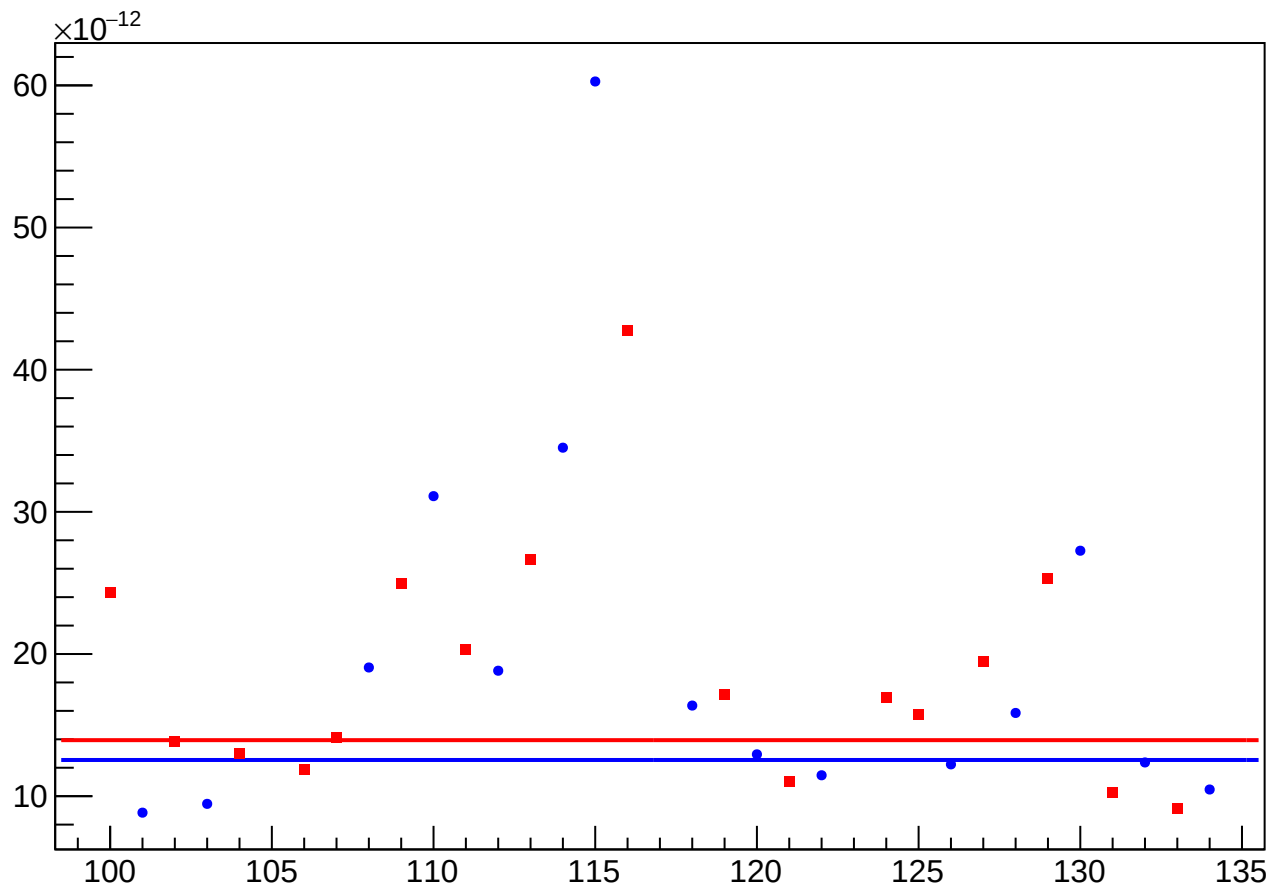
Right: 0.000+/-0.000 χ^2/NDF : 24.1/31

In: 0.000+/-0.000 χ^2/NDF : 7.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.1/31

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1111149.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1117576.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

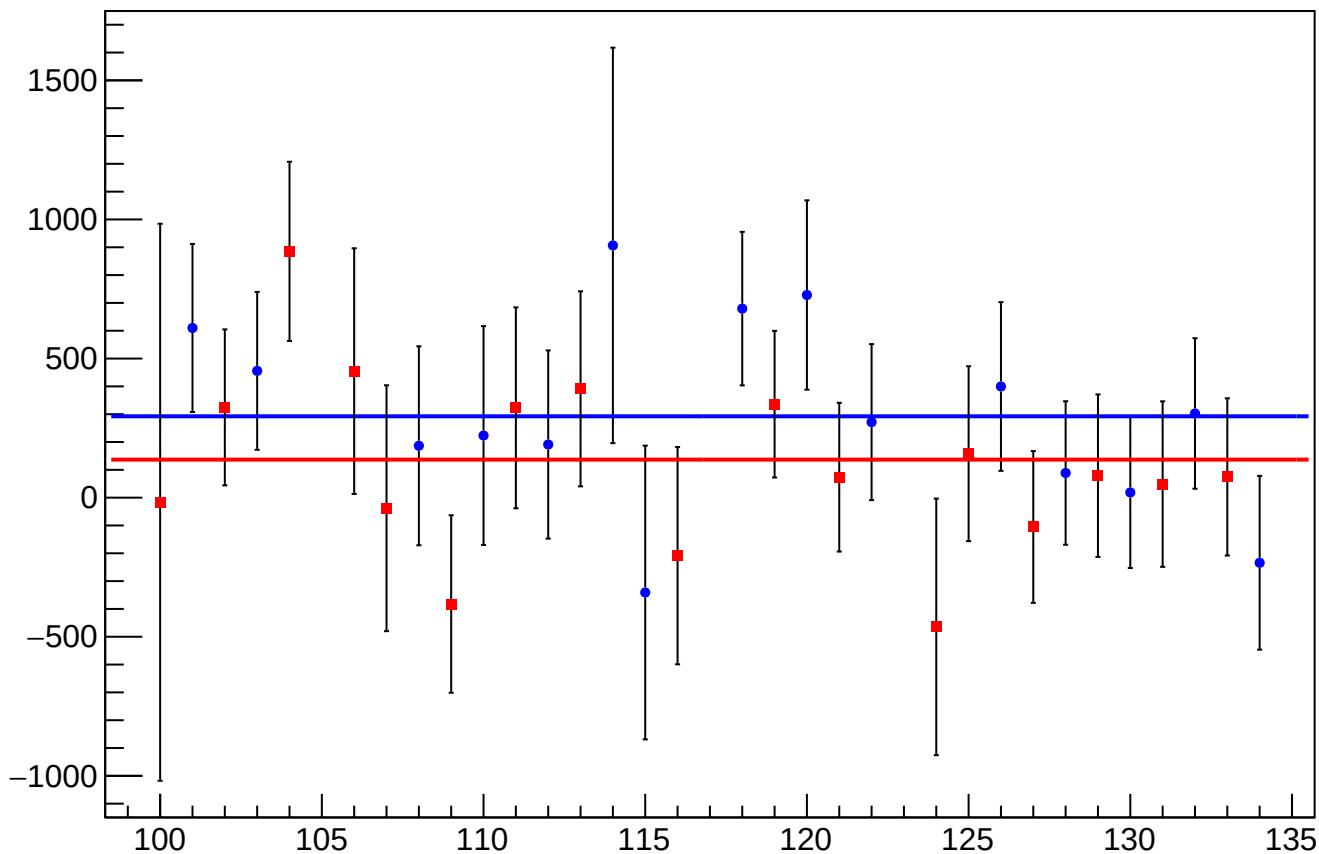
Right: 0.000+/-0.000 χ^2/NDF : 2273588.5/31

In: 0.000+/-0.000 χ^2/NDF : 1111149.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2273588.5/31

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 292.439 $\pm$ 81.699 χ^2 /NDF: 12.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.714 $\pm$ 79.557 χ^2 /NDF: 14.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

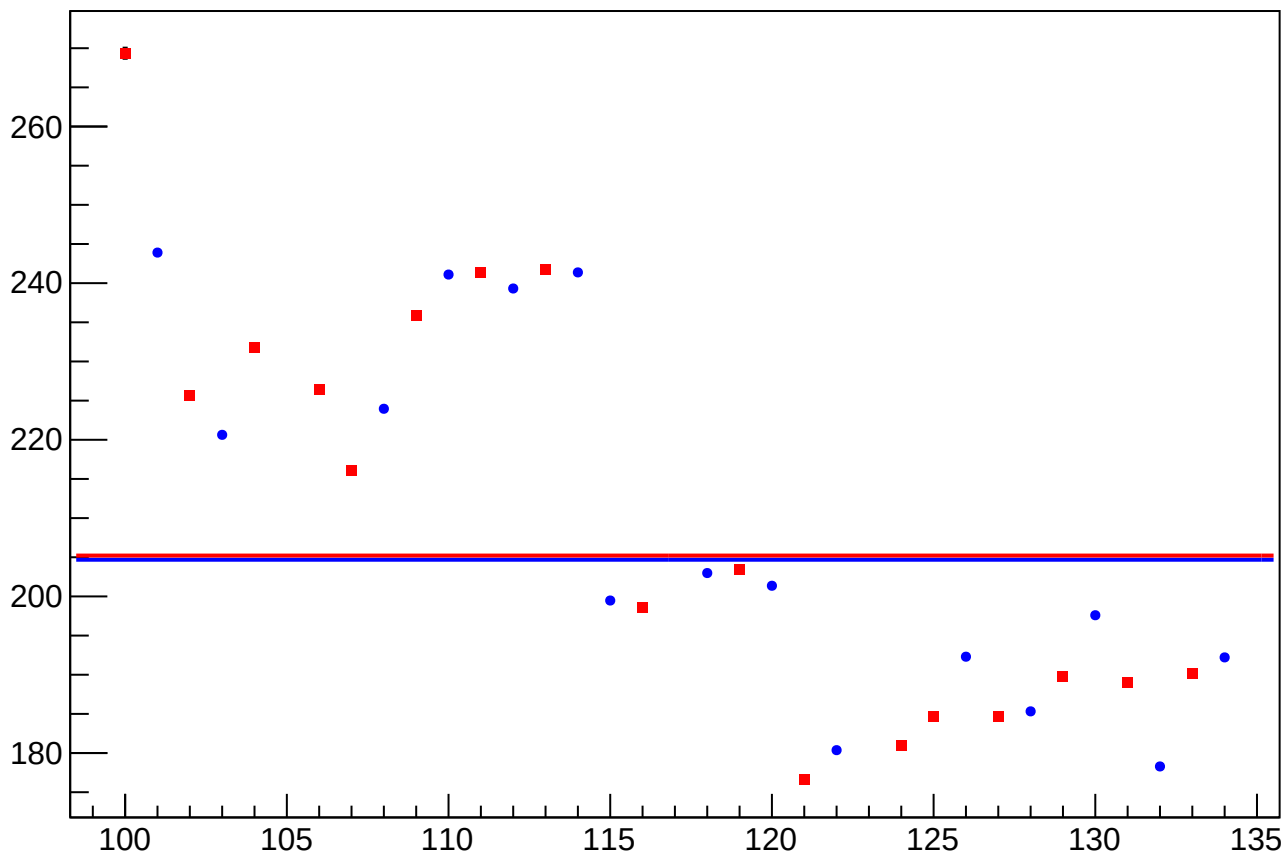
Right: 212.509 $\pm$ 56.998 χ^2 /NDF: 28.0/31

In: 292.439 $\pm$ 81.699 χ^2 /NDF:12.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 212.509 $\pm$ 56.998 χ^2 /NDF: 28.0/31

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 204.685+/-0.058 χ^2/NDF : 142946.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.216+/-0.056 χ^2/NDF : 164615.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

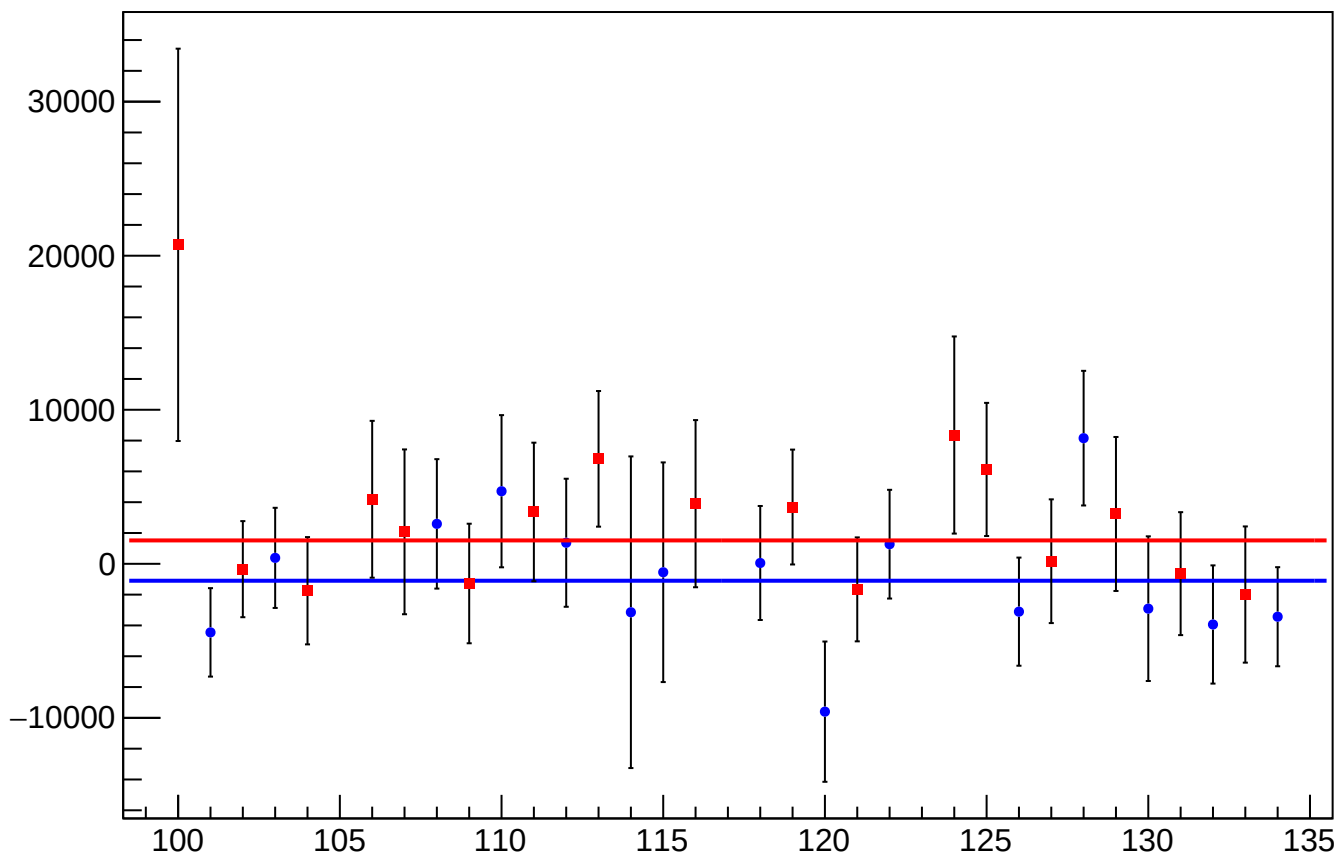
Right: 204.958+/-0.040 χ^2/NDF : 307605.8/31

In: 204.685+/-0.058 χ^2/NDF : 142946.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.958+/-0.040 χ^2/NDF : 307605.8/31

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1098.394 ± 1028.142 χ^2/NDF : 14.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1518.420 ± 1042.493 χ^2/NDF : 10.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

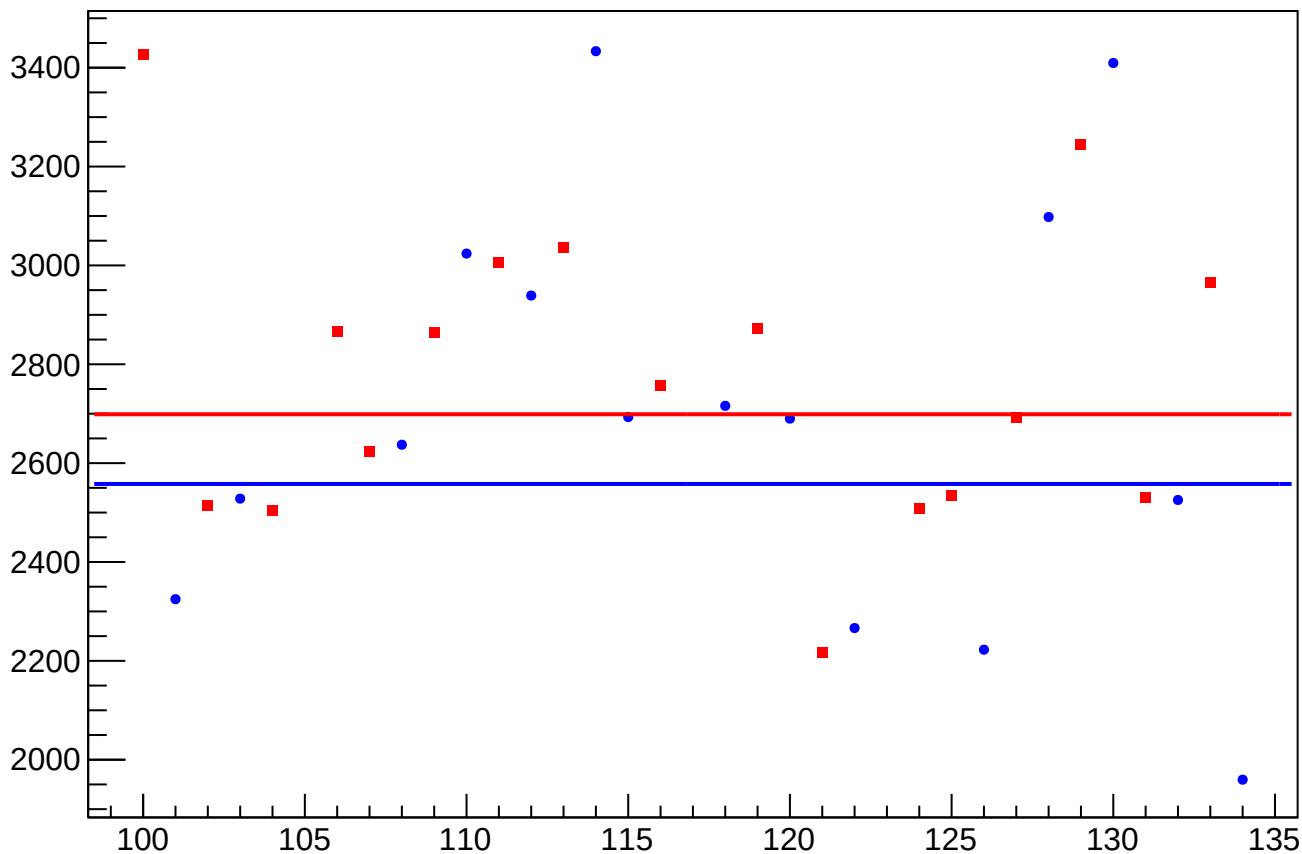
Right: 191.877 ± 732.027 χ^2/NDF : 28.2/31

In: -1098.394 ± 1028.142 χ^2/NDF : 14.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 191.877 ± 732.027 χ^2/NDF : 28.2/31

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2557.868+/-0.727 χ^2/NDF : 267317.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2698.886+/-0.737 χ^2/NDF : 131614.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

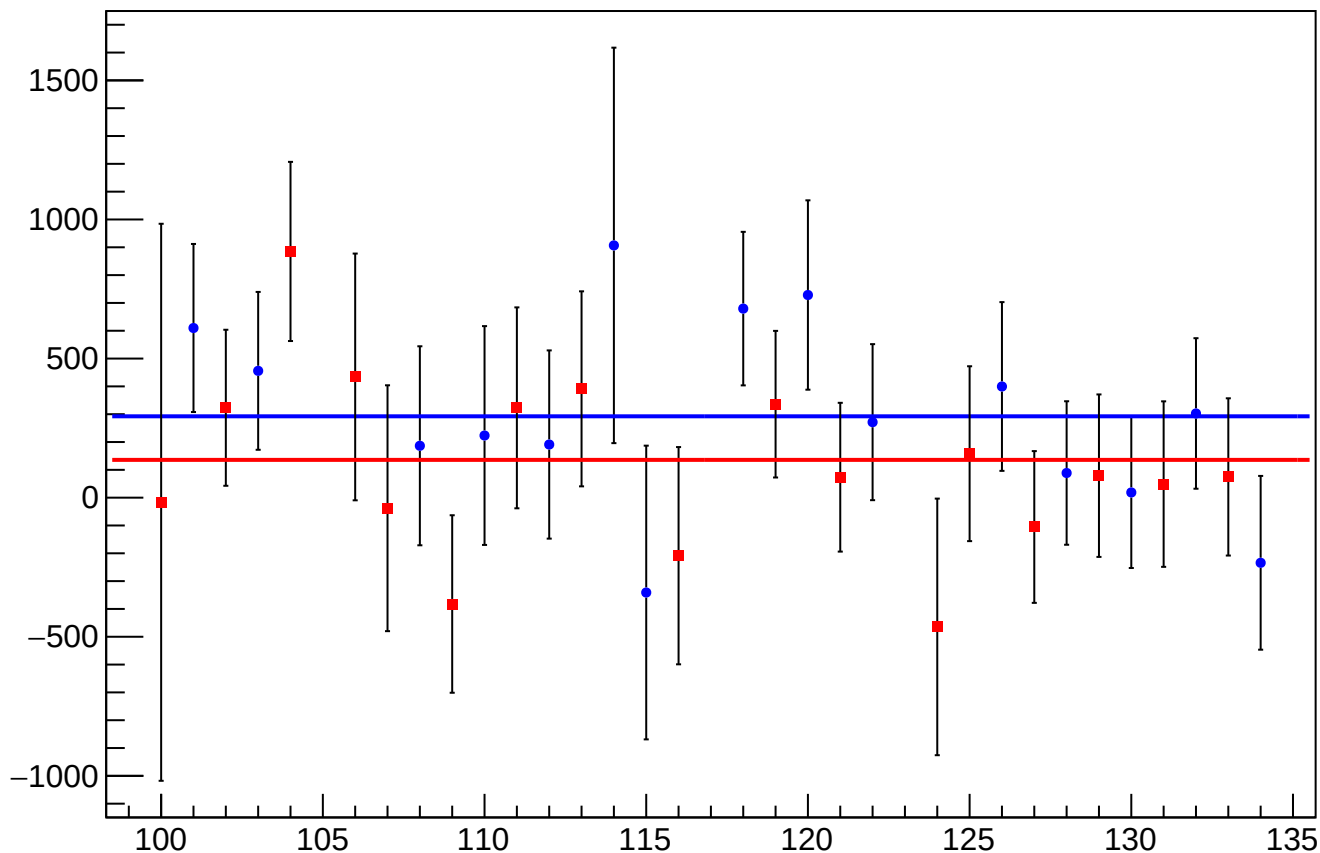
Right: 2627.400+/-0.518 χ^2/NDF : 417483.2/31

In: 2557.868+/-0.727 χ^2/NDF : 267317.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2627.400+/-0.518 χ^2/NDF : 417483.2/31

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 292.448 $\pm$ 81.699 χ^2 /NDF: 12.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.819 $\pm$ 79.570 χ^2 /NDF: 14.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

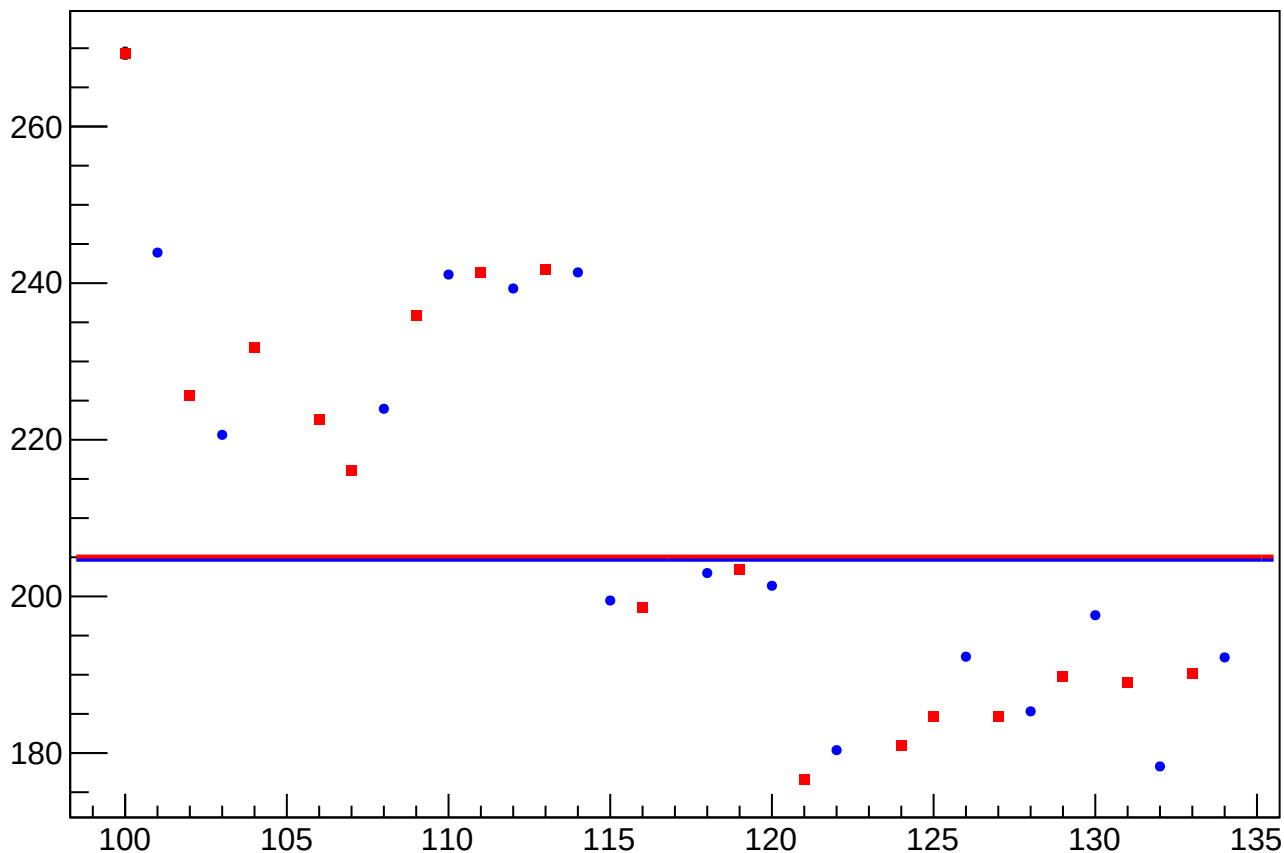
Right: 212.066 $\pm$ 57.002 χ^2 /NDF: 27.9/31

In: 292.448 $\pm$ 81.699 χ^2 /NDF:12.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 212.066 $\pm$ 57.002 χ^2 /NDF: 27.9/31

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 204.685+/-0.058 χ^2/NDF : 142947.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.088+/-0.056 χ^2/NDF : 163091.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

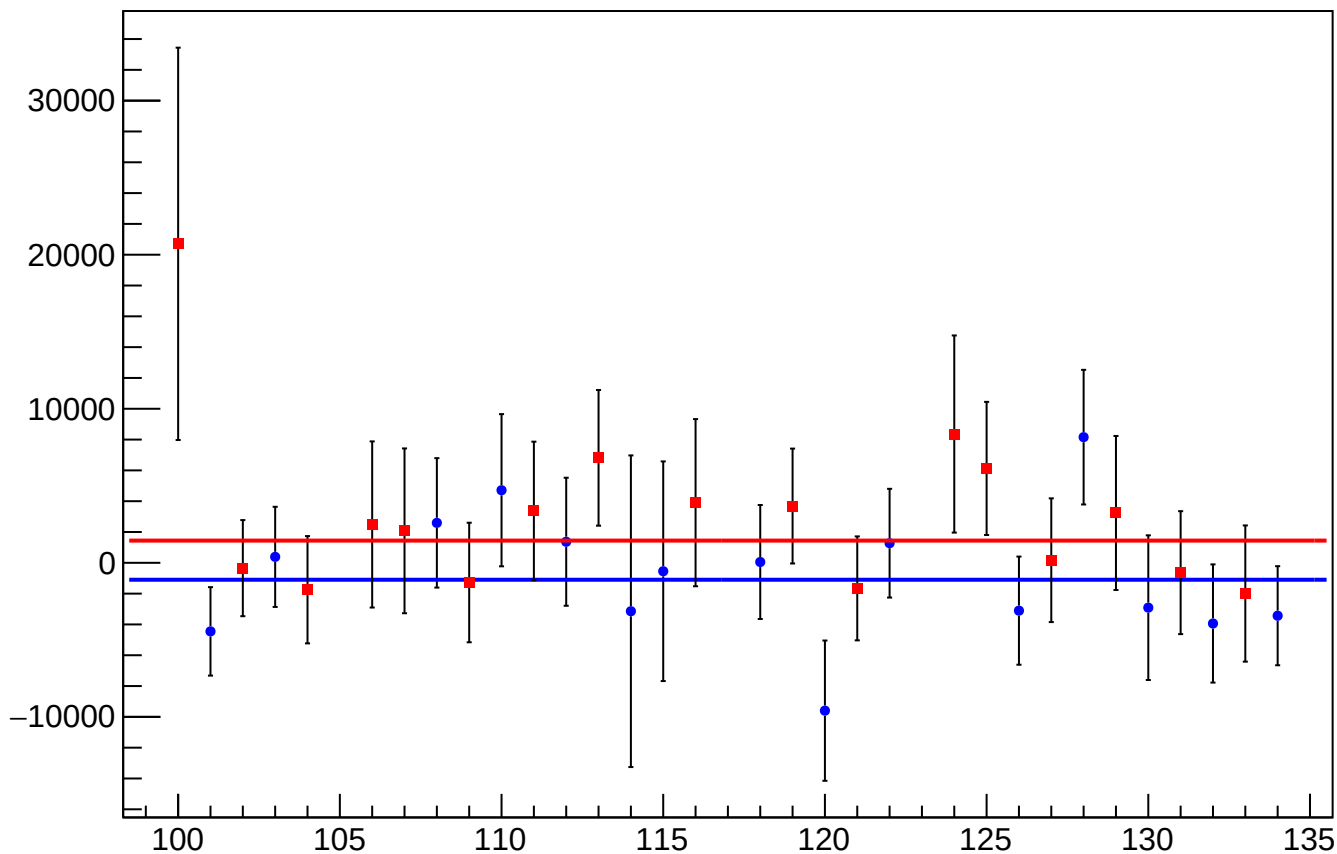
Right: 204.892+/-0.040 χ^2/NDF : 306064.0/31

In: 204.685+/-0.058 χ^2/NDF : 142947.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.892+/-0.040 χ^2/NDF : 306064.0/31

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1098.324 ± 1028.144 $\chi^2/\text{NDF}: 14.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1442.769 ± 1044.920 $\chi^2/\text{NDF}: 10.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

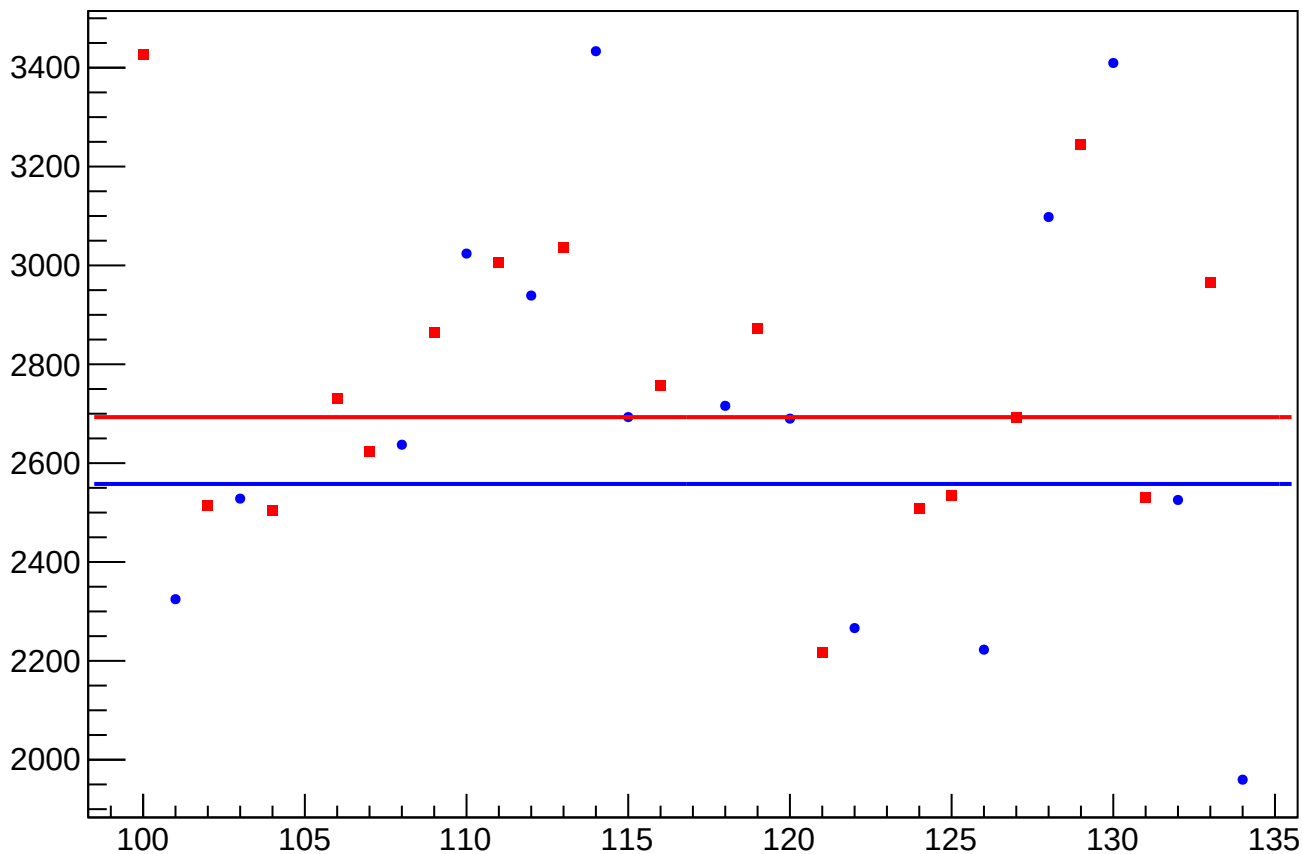
Right: 151.661 ± 732.867 $\chi^2/\text{NDF}: 27.7/31$

In: -1098.324 ± 1028.144 $\chi^2/\text{NDF}: 14.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 151.661 ± 732.867 $\chi^2/\text{NDF}: 27.7/31$

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2557.875+/-0.727 χ^2/NDF : 267315.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2693.118+/-0.739 χ^2/NDF : 129370.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

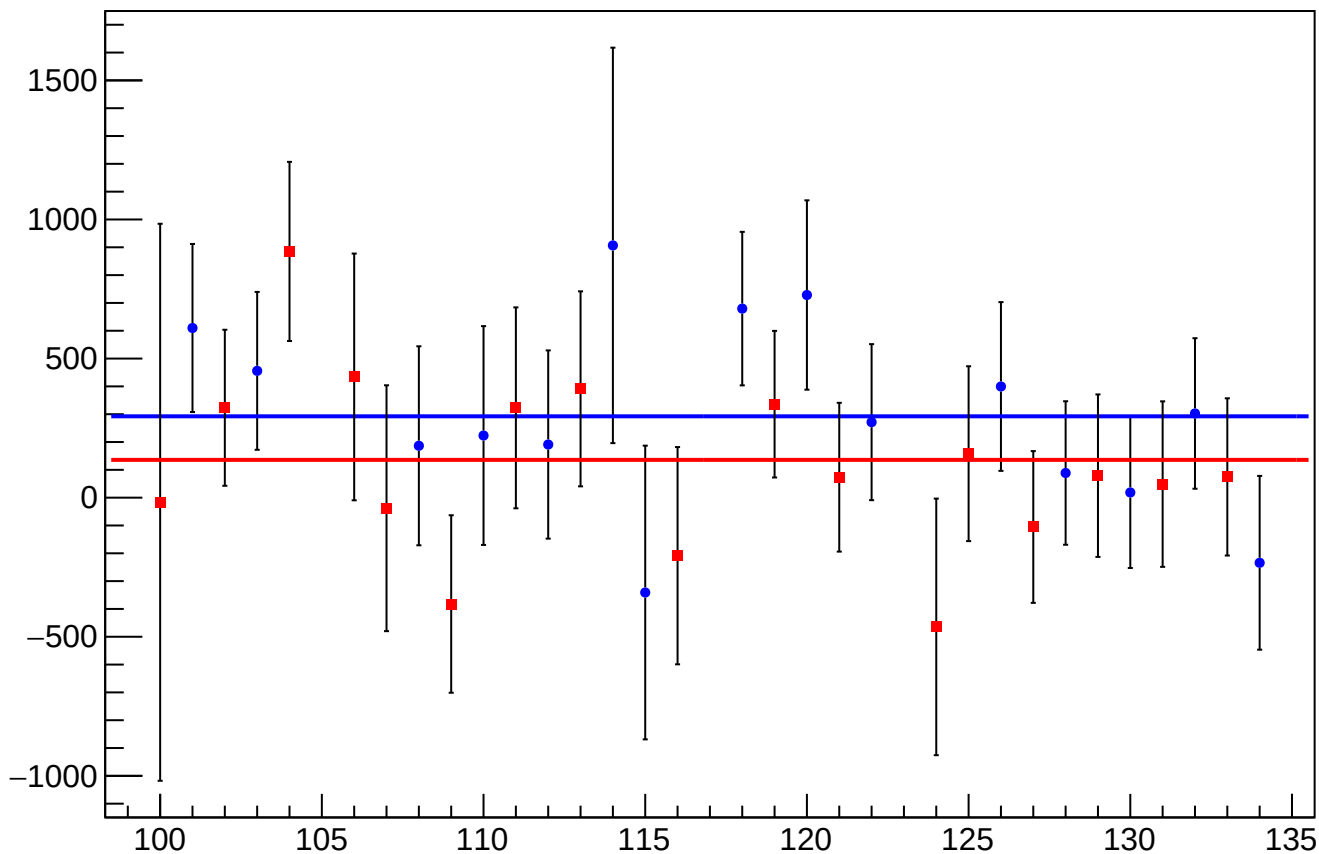
Right: 2624.402+/-0.518 χ^2/NDF : 413709.4/31

In: 2557.875+/-0.727 χ^2/NDF : 267315.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.402+/-0.518 χ^2/NDF : 413709.4/31

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 292.448 $\pm$ 81.699 χ^2 /NDF: 12.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.819 $\pm$ 79.570 χ^2 /NDF: 14.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

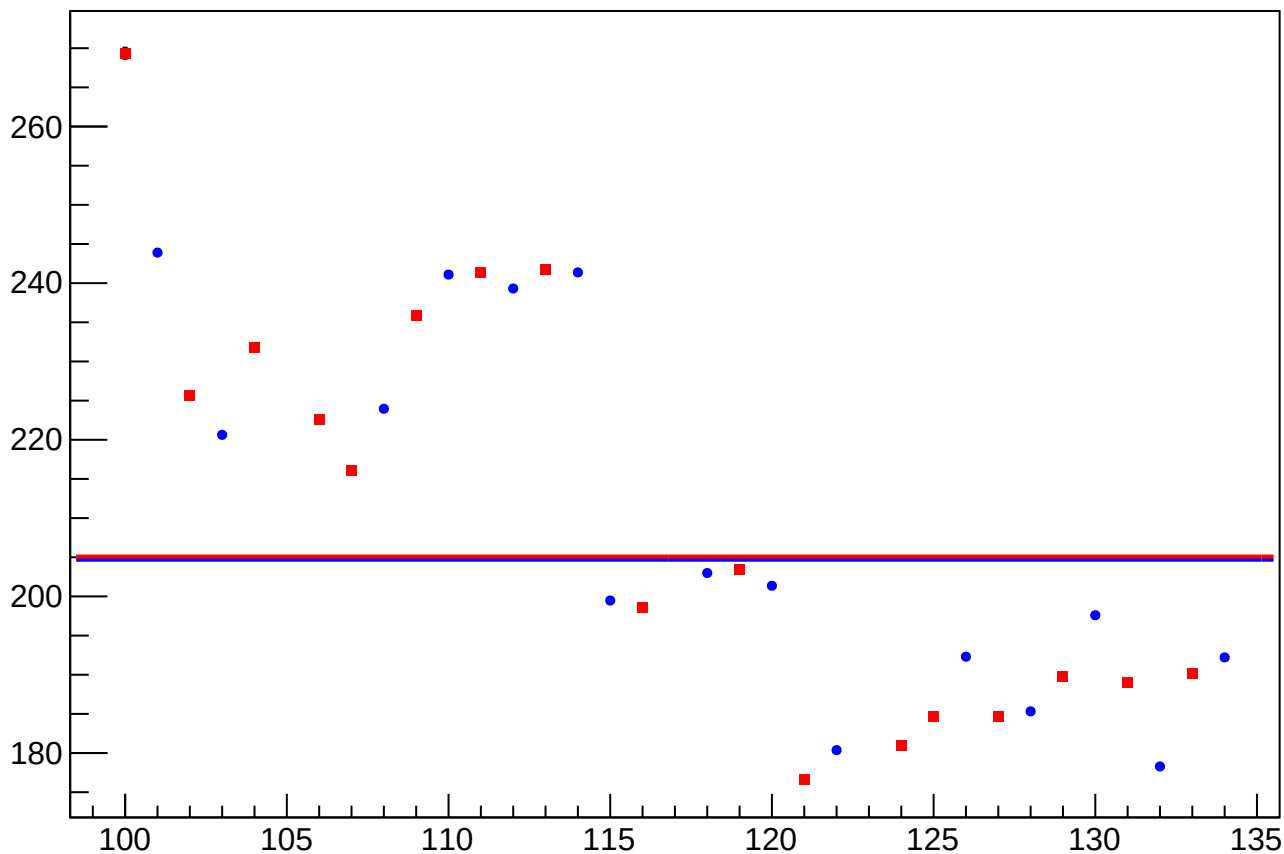
Right: 212.066 $\pm$ 57.002 χ^2 /NDF: 27.9/31

In: 292.448 $\pm$ 81.699 χ^2 /NDF:12.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 212.066 $\pm$ 57.002 χ^2 /NDF: 27.9/31

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 204.685+/-0.058 χ^2/NDF : 142947.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.088+/-0.056 χ^2/NDF : 163091.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

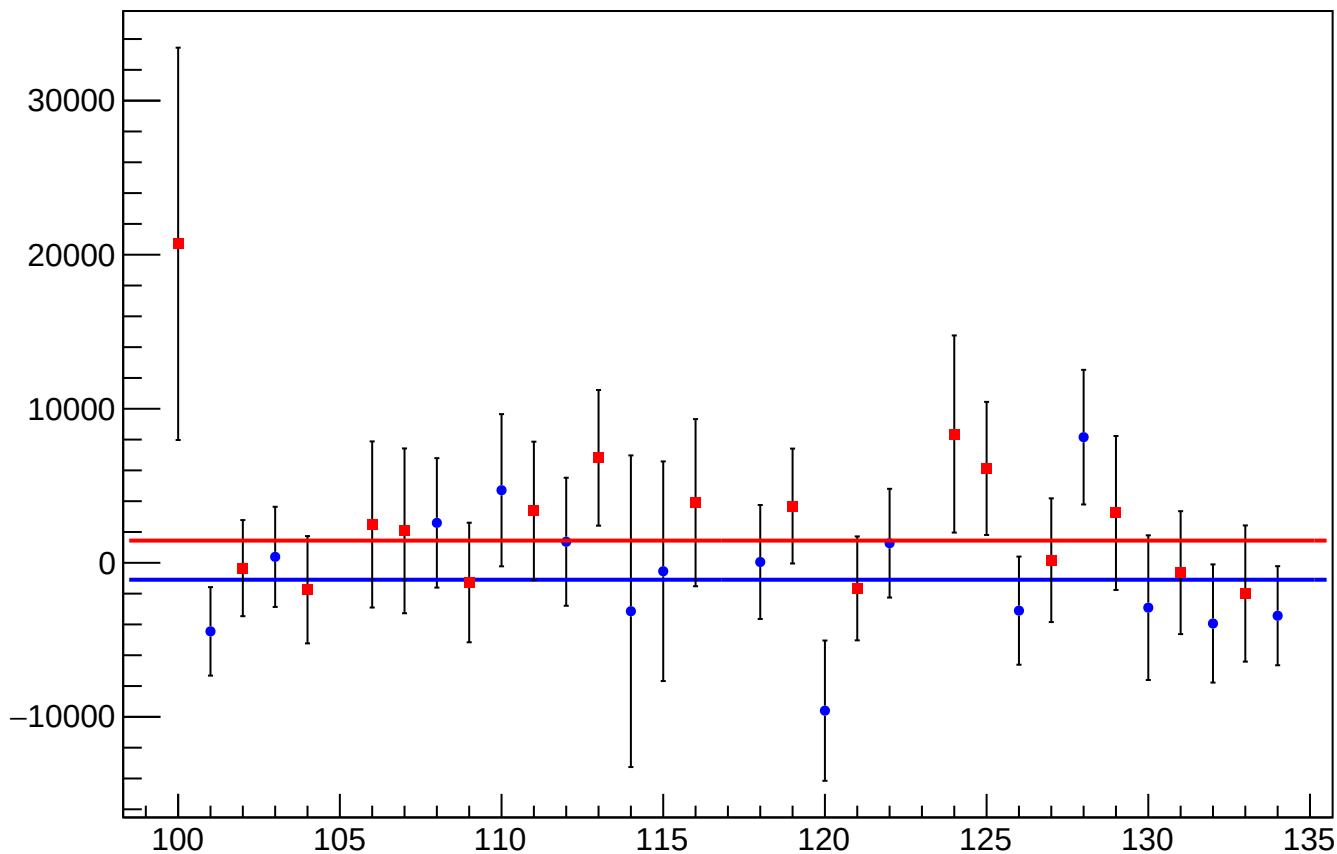
Right: 204.892+/-0.040 χ^2/NDF : 306064.0/31

In: 204.685+/-0.058 χ^2/NDF : 142947.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.892+/-0.040 χ^2/NDF : 306064.0/31

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1098.324 $\pm$ 1028.144 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1442.769 $\pm$ 1044.920 χ^2 /NDF: 10.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

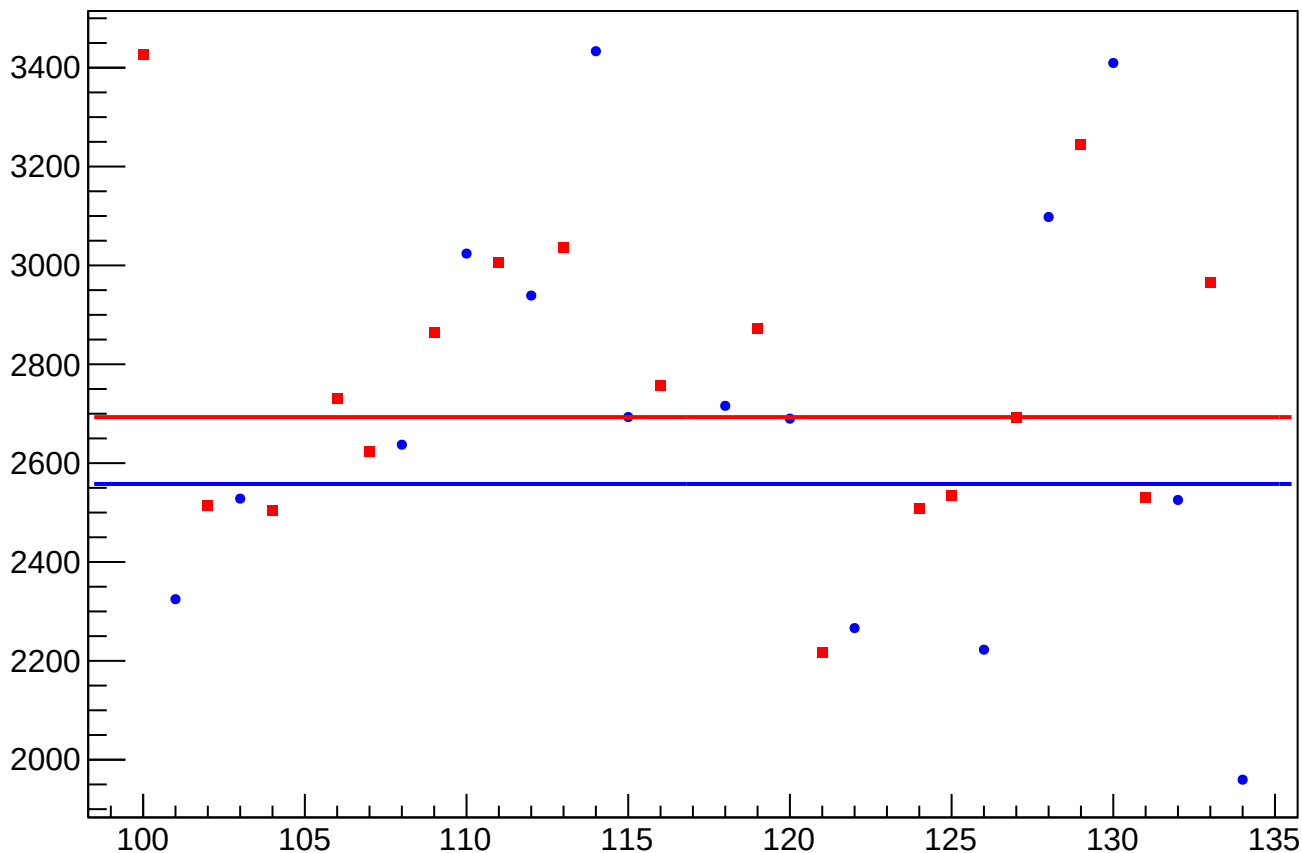
Right: 151.661 $\pm$ 732.867 χ^2 /NDF: 27.7/31

In: -1098.324 $\pm$ 1028.144 χ^2 /NDF: 14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.661 $\pm$ 732.867 χ^2 /NDF: 27.7/31

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2557.875+/-0.727 χ^2/NDF : 267315.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2693.118+/-0.739 χ^2/NDF : 129370.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

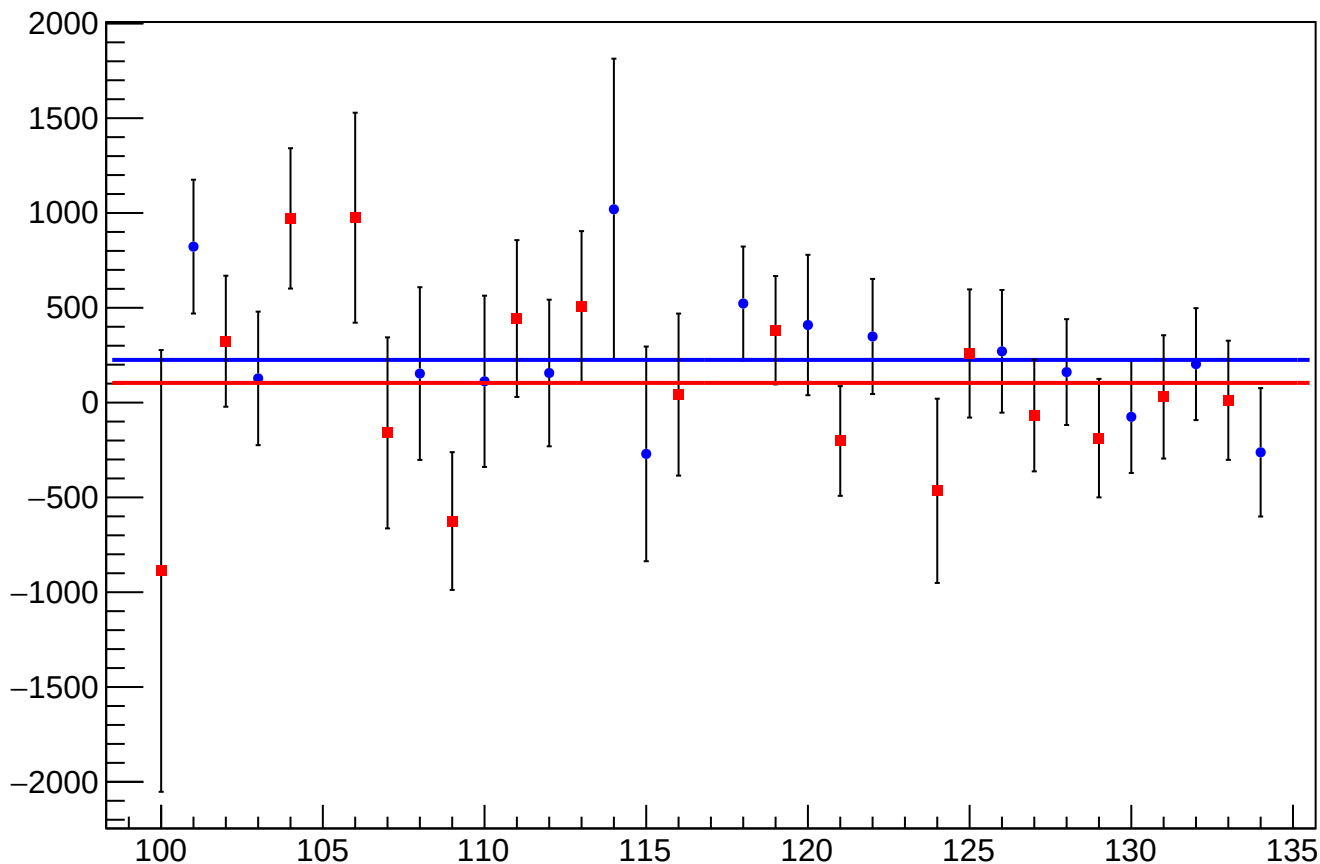
Right: 2624.402+/-0.518 χ^2/NDF : 413709.4/31

In: 2557.875+/-0.727 χ^2/NDF : 267315.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.402+/-0.518 χ^2/NDF : 413709.4/31

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 225.252 $\pm$ 91.128 χ^2 /NDF: 9.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.882 $\pm$ 88.637 χ^2 /NDF: 20.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

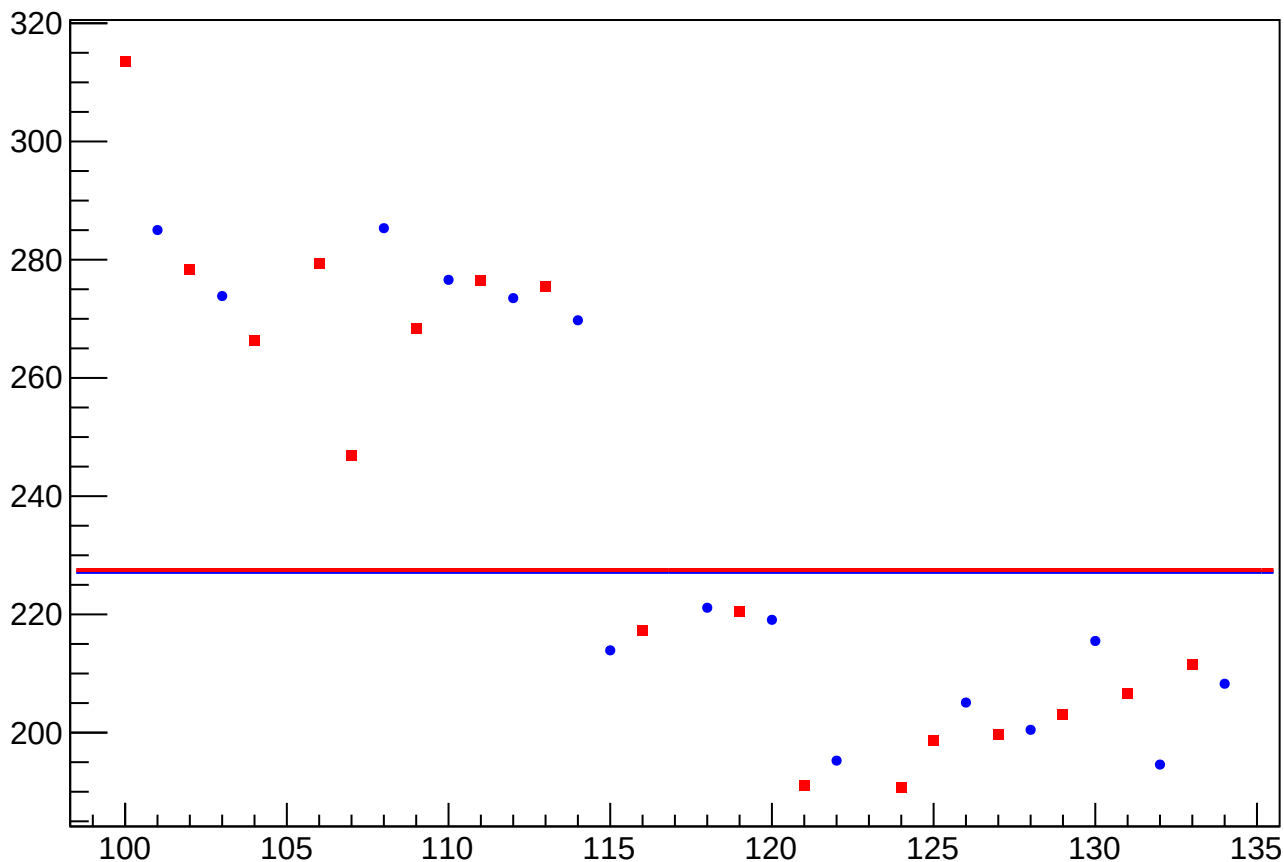
Right: 162.885 $\pm$ 63.538 χ^2 /NDF: 30.4/31

In: 225.252 $\pm$ 91.128 χ^2 /NDF:9.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.885 $\pm$ 63.538 χ^2 /NDF: 30.4/31

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 227.193+/-0.064 χ^2/NDF : 266195.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.508+/-0.063 χ^2/NDF : 282421.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

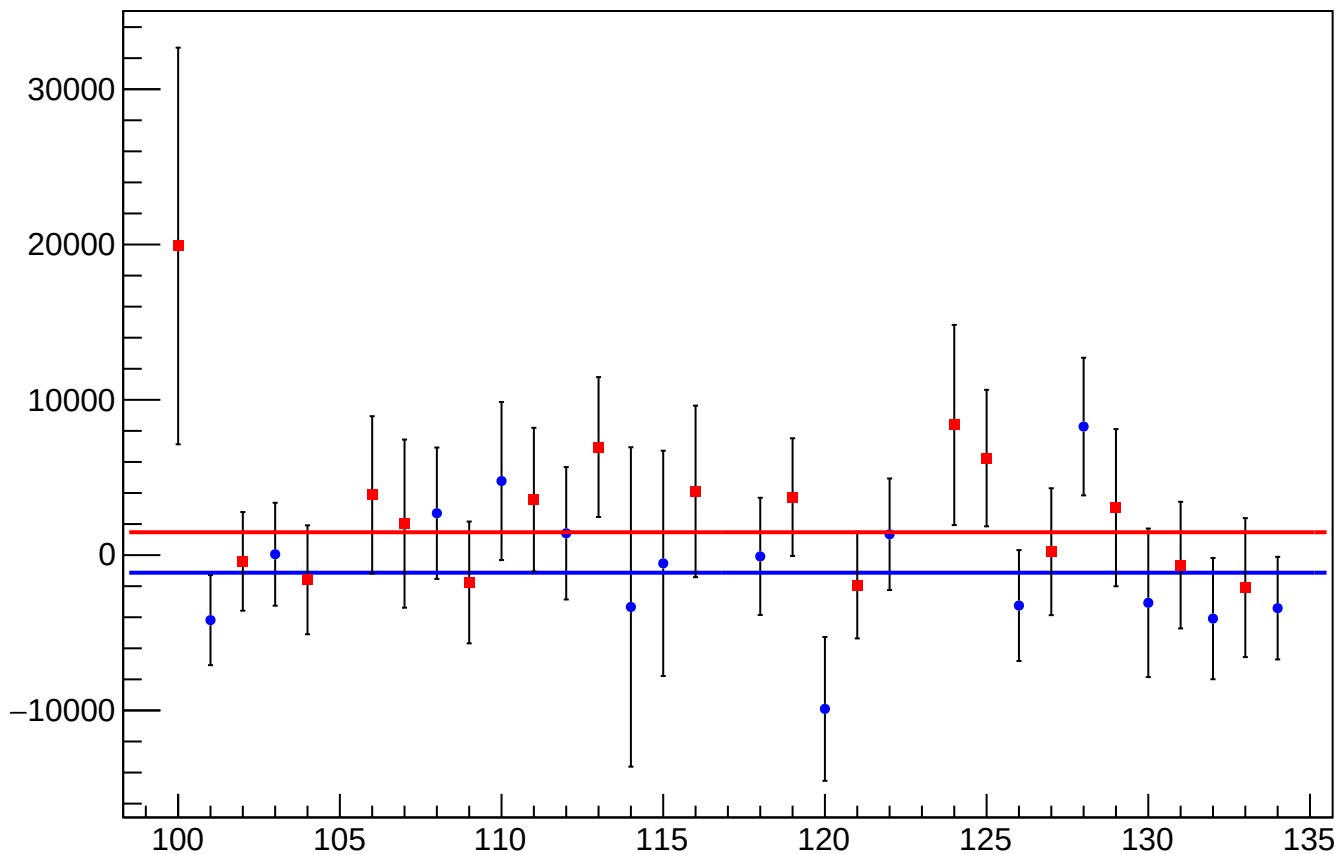
Right: 227.355+/-0.045 χ^2/NDF : 548629.9/31

In: 227.193+/-0.064 χ^2/NDF : 266195.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.355+/-0.045 χ^2/NDF : 548629.9/31

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1131.639+/-1046.820 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1473.011+/-1058.363 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

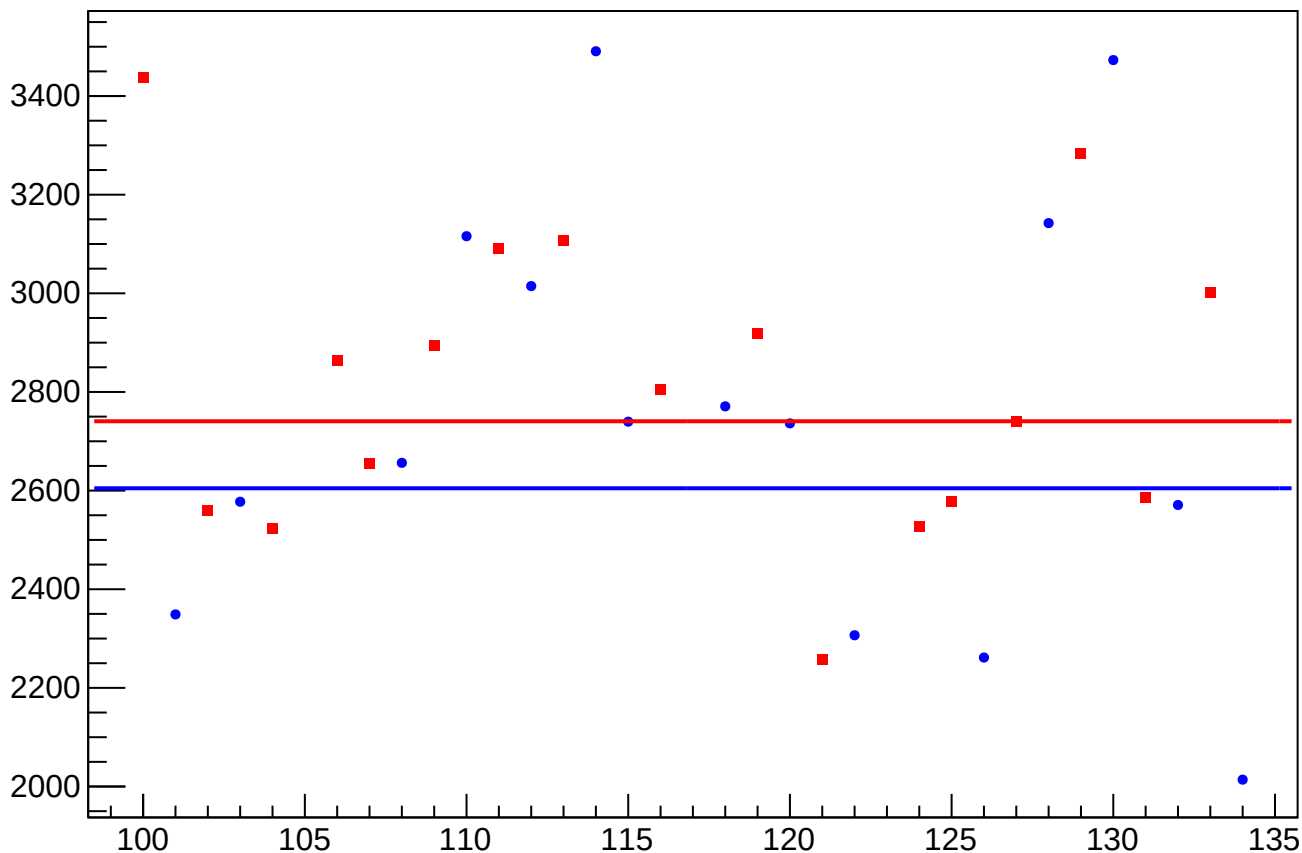
Right: 156.405+/-744.261 χ^2/NDF : 27.9/31

In: -1131.639+/-1046.820 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.405+/-744.261 χ^2/NDF : 27.9/31

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2604.714+/-0.740 χ^2/NDF : 267429.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2740.594+/-0.748 χ^2/NDF : 131443.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

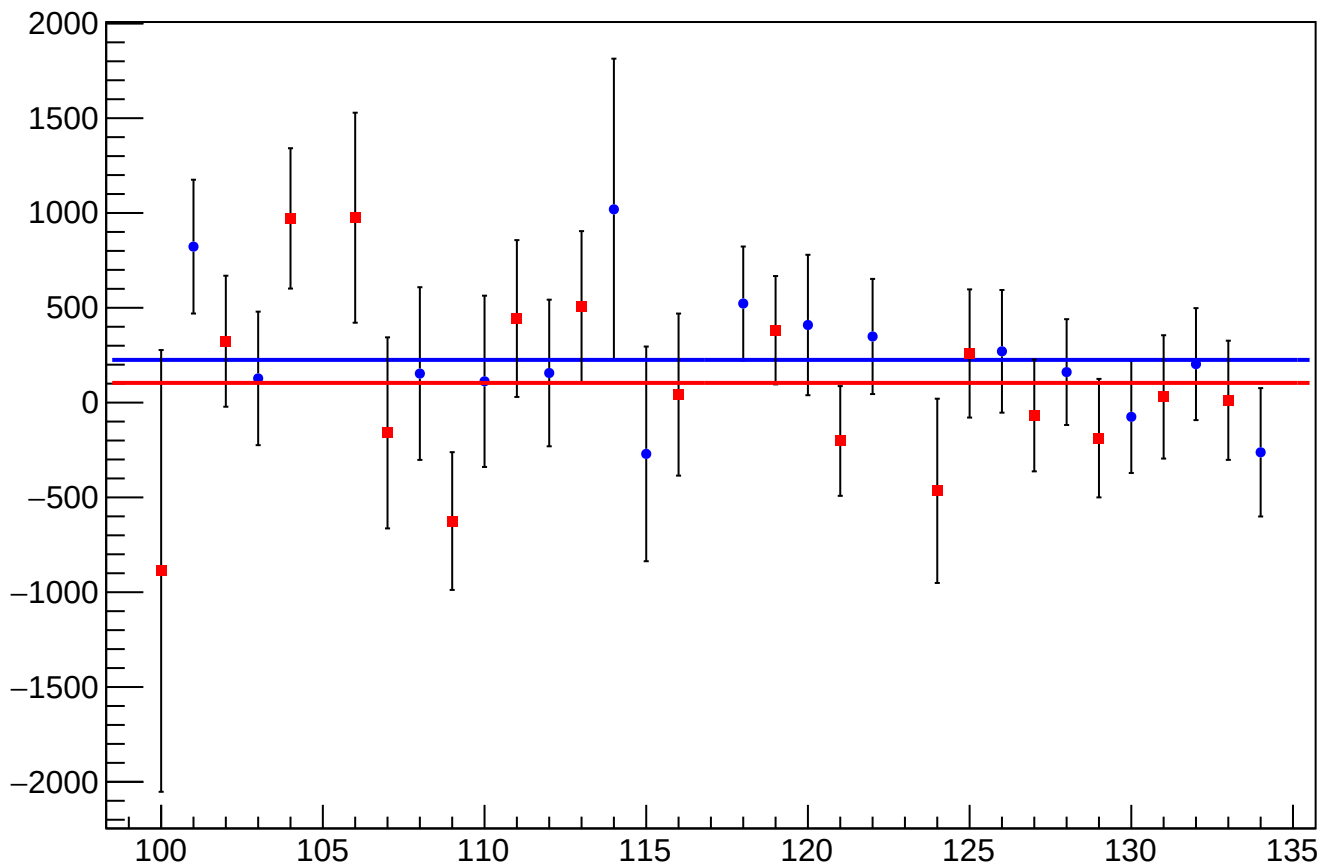
Right: 2671.909+/-0.526 χ^2/NDF : 415536.5/31

In: 2604.714+/-0.740 χ^2/NDF : 267429.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2671.909+/-0.526 χ^2/NDF : 415536.5/31

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 225.251 $\pm$ 91.127 χ^2 /NDF: 9.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.879 $\pm$ 88.636 χ^2 /NDF: 20.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

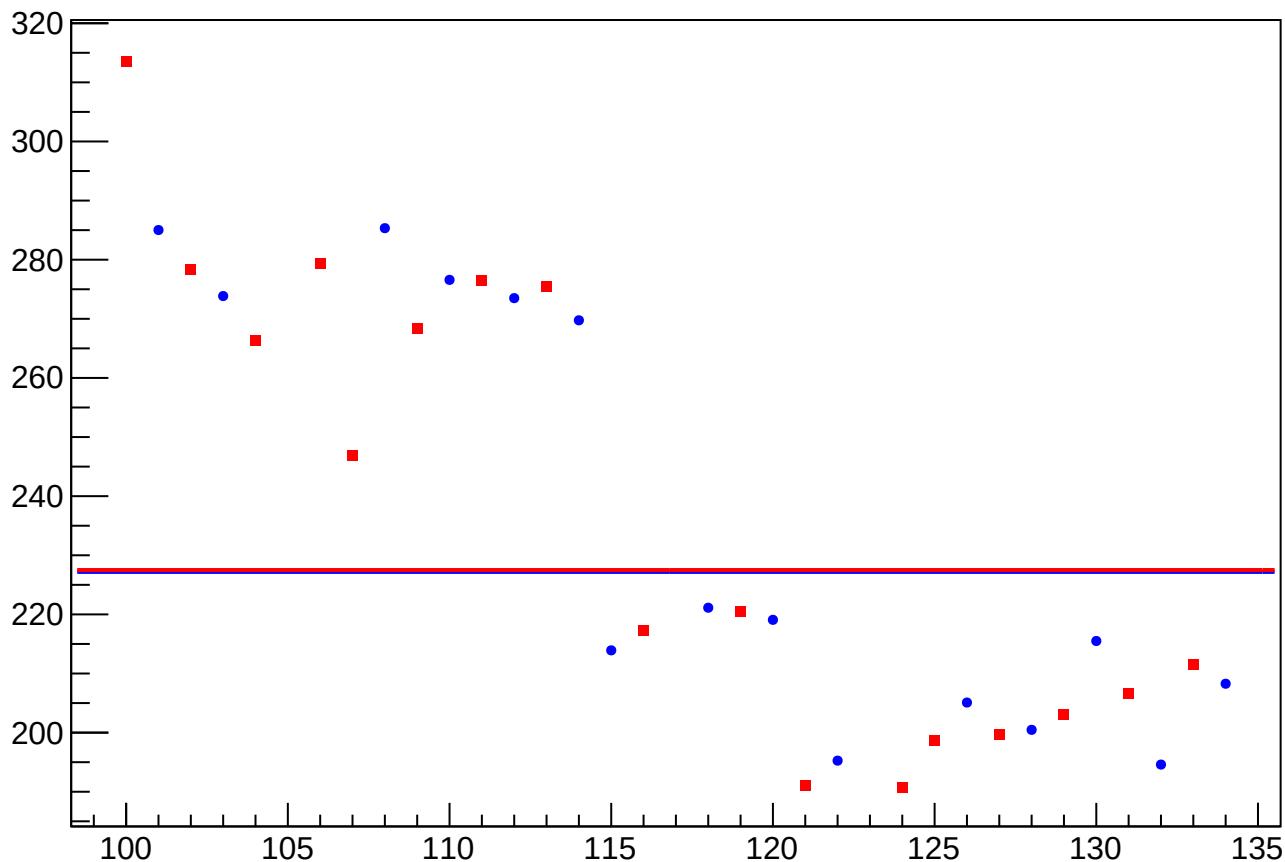
Right: 162.883 $\pm$ 63.538 χ^2 /NDF: 30.4/31

In: 225.251 $\pm$ 91.127 χ^2 /NDF:9.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.883 $\pm$ 63.538 χ^2 /NDF: 30.4/31

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 227.192+/-0.064 χ^2/NDF : 266194.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.507+/-0.063 χ^2/NDF : 282417.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

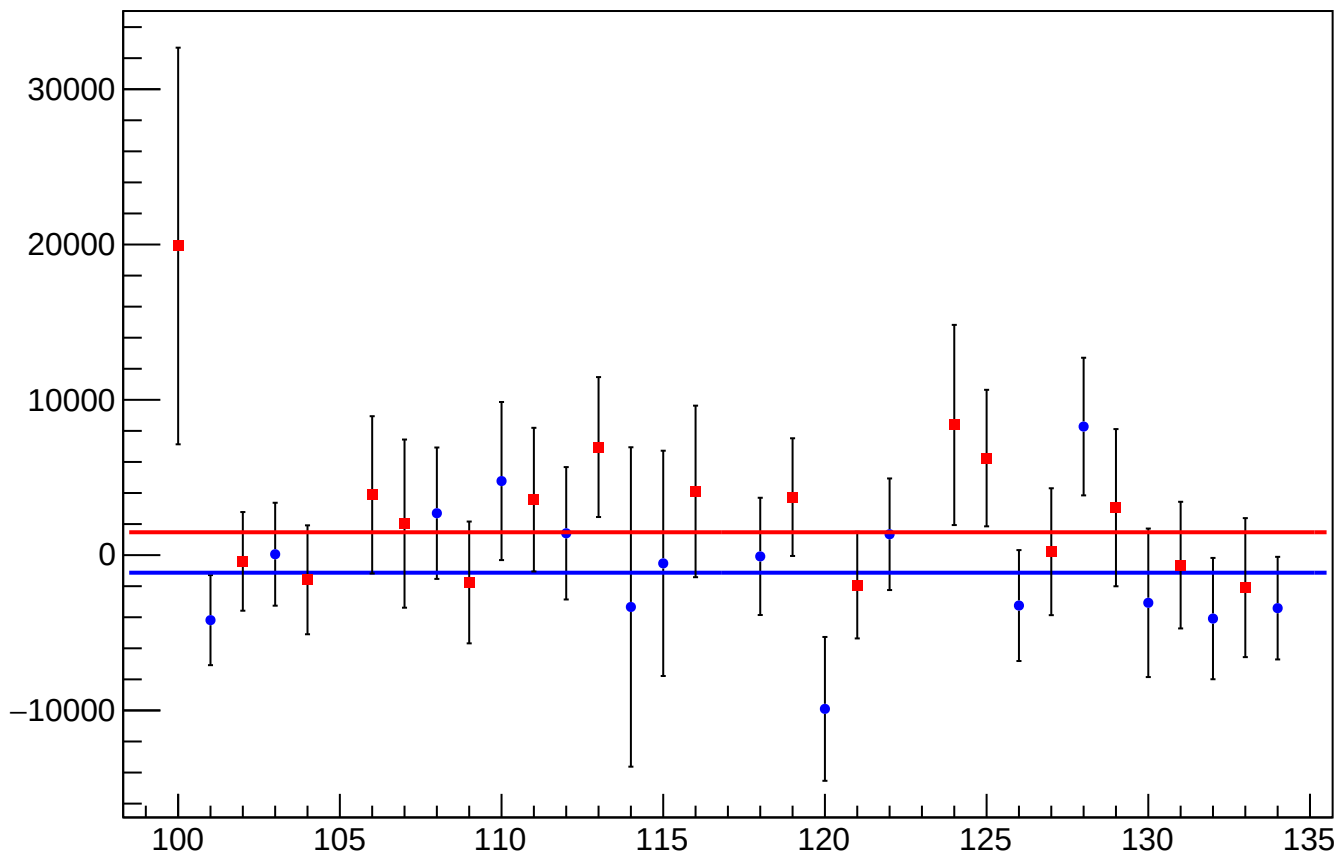
Right: 227.354+/-0.045 χ^2/NDF : 548624.1/31

In: 227.192+/-0.064 χ^2/NDF : 266194.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.354+/-0.045 χ^2/NDF : 548624.1/31

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1131.637+/-1046.818 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1473.007+/-1058.360 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

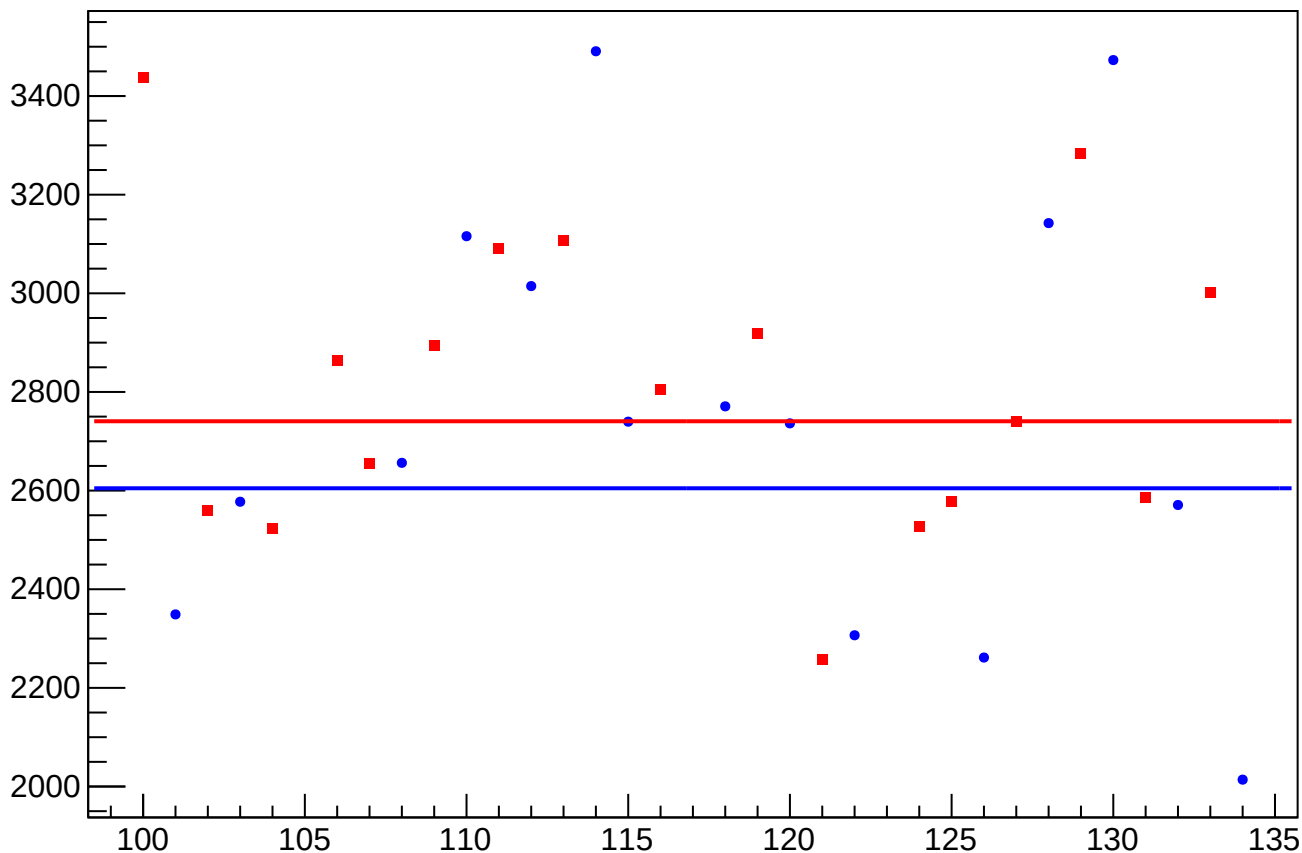
Right: 156.405+/-744.259 χ^2/NDF : 27.9/31

In: -1131.637+/-1046.818 χ^2/NDF : 14.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.405+/-744.259 χ^2/NDF : 27.9/31

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2604.710+/-0.740 χ^2/NDF : 267423.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2740.589+/-0.748 χ^2/NDF : 131442.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

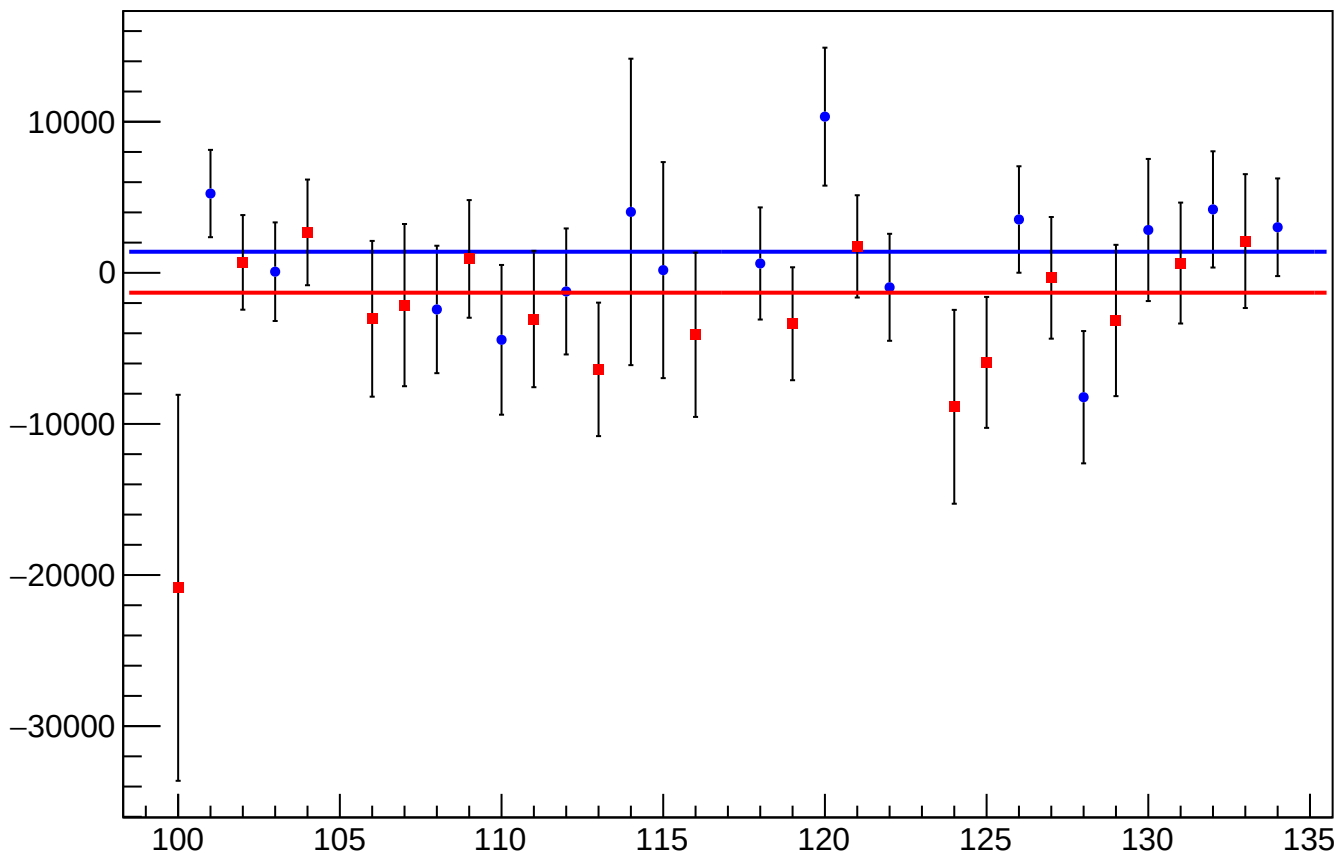
Right: 2671.904+/-0.526 χ^2/NDF : 415529.0/31

In: 2604.710+/-0.740 χ^2/NDF : 267423.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2671.904+/-0.526 χ^2/NDF : 415529.0/31

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1396.056+/-1031.936 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1313.823+/-1046.158 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

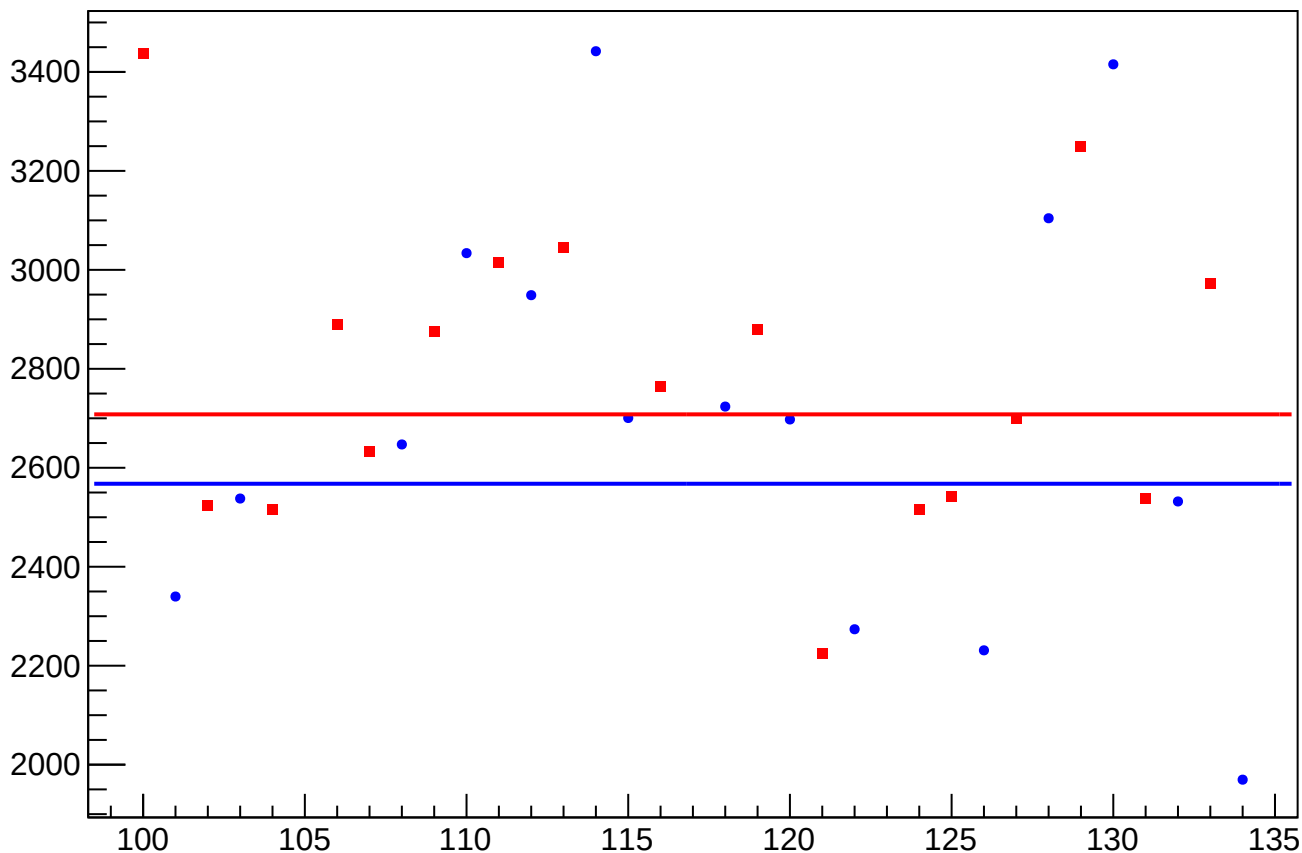
Right: 59.661+/-734.665 χ^2/NDF : 29.4/31

In: 1396.056+/-1031.936 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.661+/-734.665 χ^2/NDF : 29.4/31

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2567.713+/-0.730 χ^2/NDF : 264135.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2707.960+/-0.740 χ^2/NDF : 131092.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

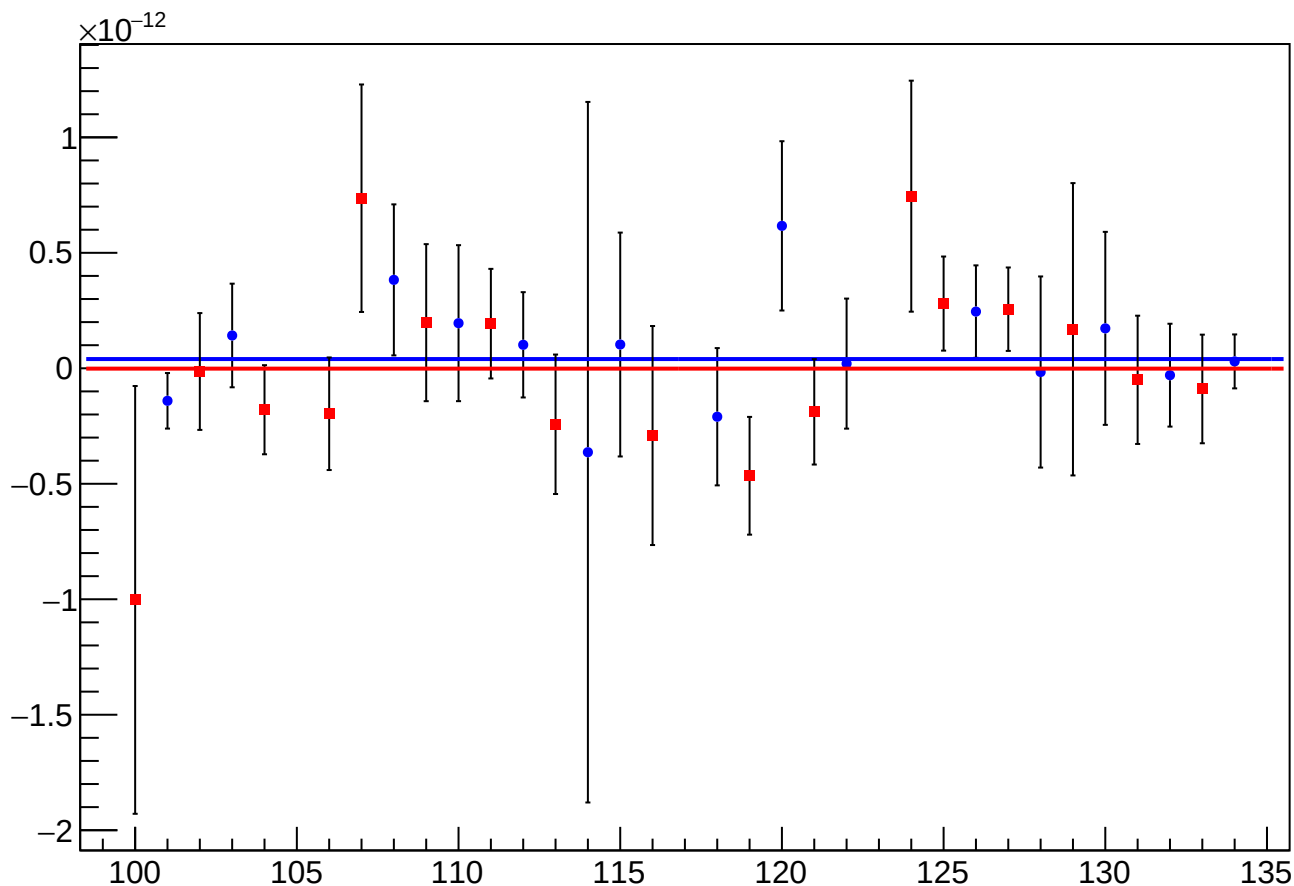
Right: 2636.877+/-0.519 χ^2/NDF : 413445.4/31

In: 2567.713+/-0.730 χ^2/NDF : 264135.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.877+/-0.519 χ^2/NDF : 413445.4/31

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

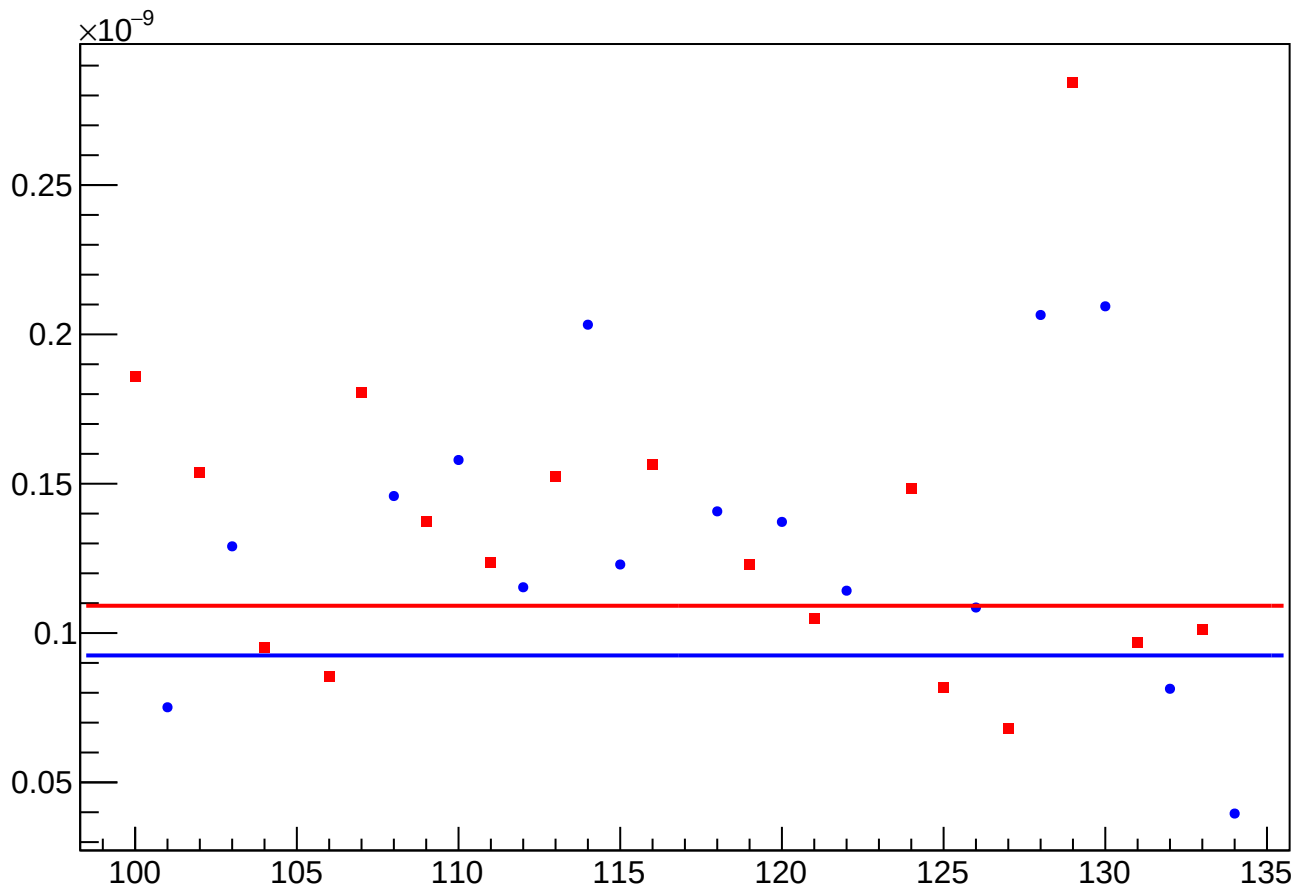
Right: 0.000+/-0.000 χ^2/NDF : 26.0/31

In: 0.000+/-0.000 χ^2/NDF : 8.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/31

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1093090.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 548325.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

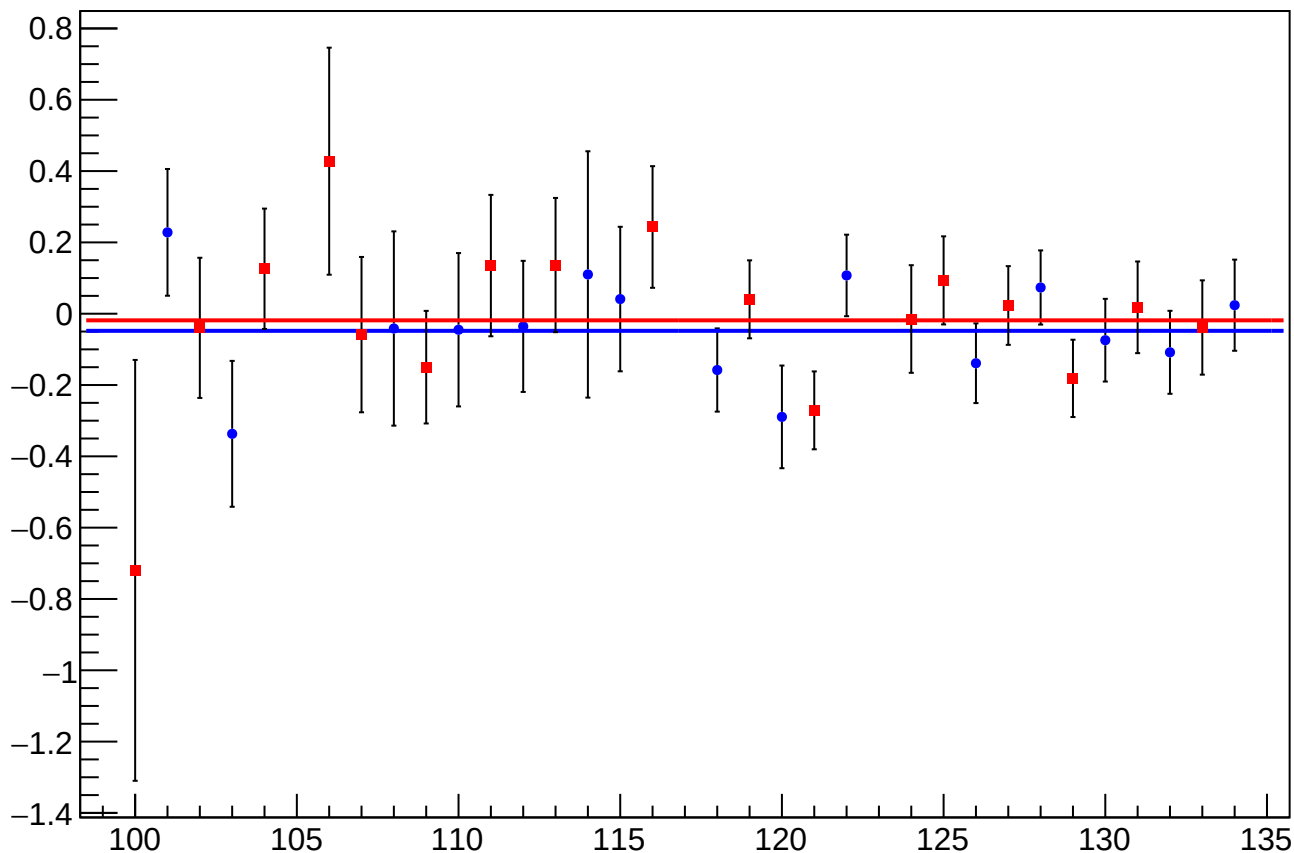
Right: 0.000+/-0.000 χ^2/NDF : 1713265.9/31

In: 0.000+/-0.000 χ^2/NDF : 1093090.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1713265.9/31

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.019 ± 0.036 $\chi^2/\text{NDF}: 17.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

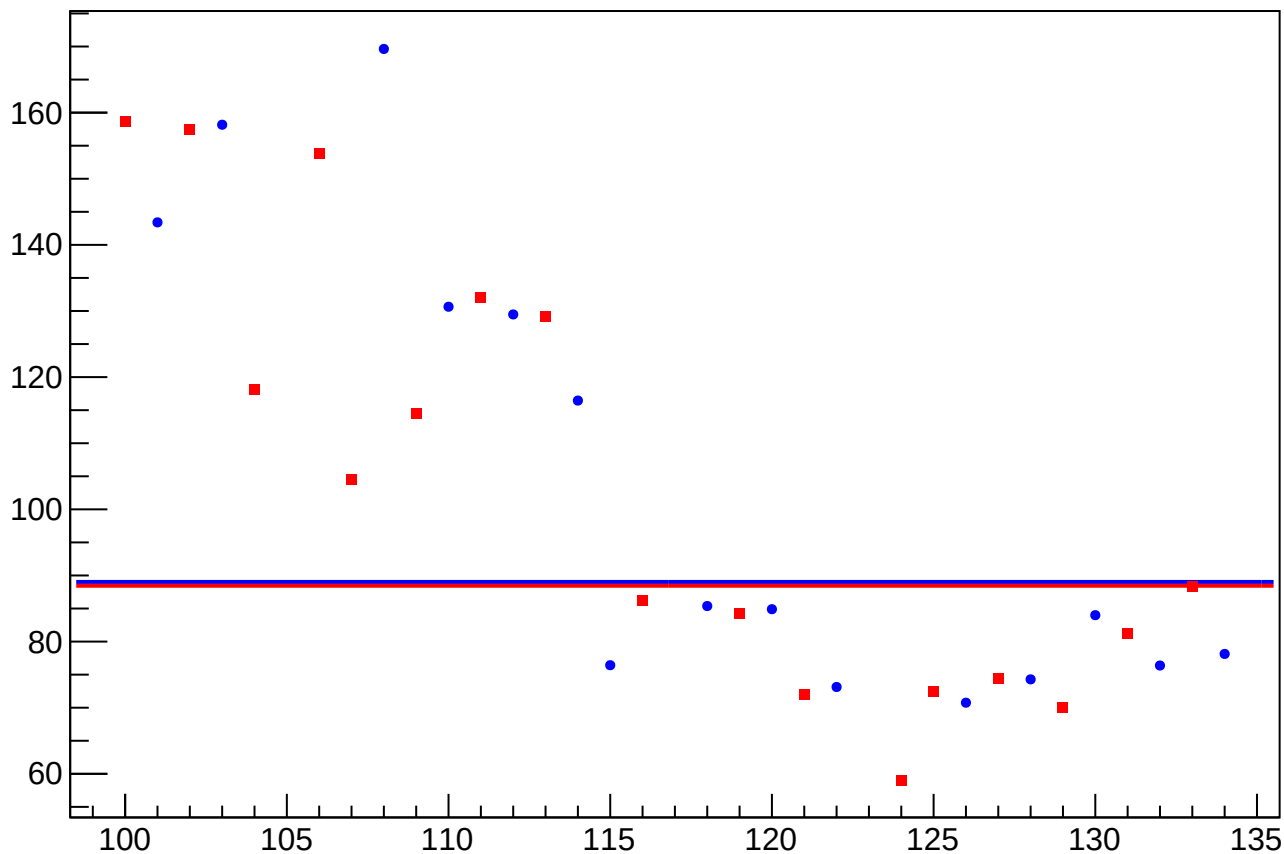
Right: -0.033 ± 0.026 $\chi^2/\text{NDF}: 30.8/31$

In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.026 $\chi^2/\text{NDF}: 30.8/31$

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.022+/-0.026 χ^2/NDF : 960705.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.446+/-0.025 χ^2/NDF : 931320.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

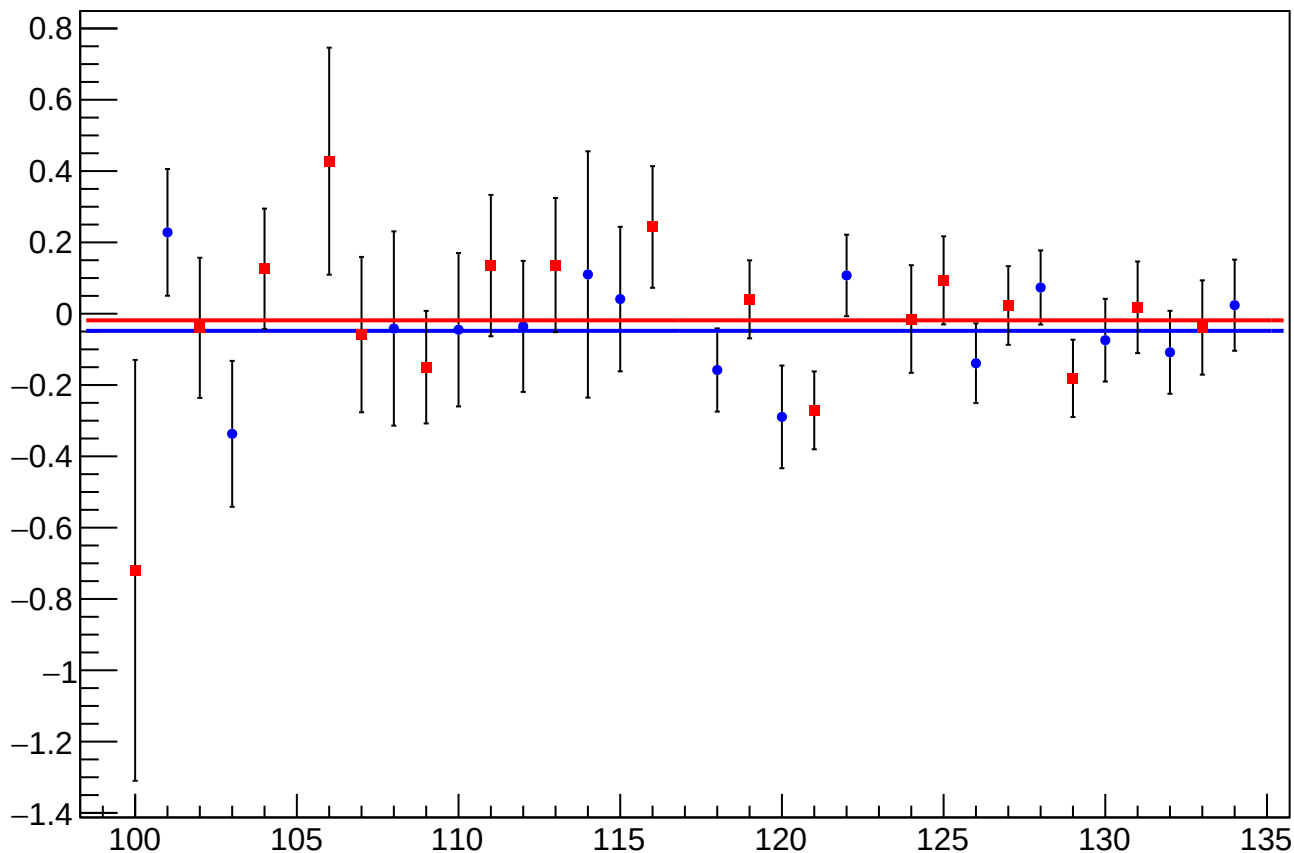
Right: 88.724+/-0.018 χ^2/NDF : 1892277.0/31

In: 89.022+/-0.026 χ^2/NDF : 960705.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.724+/-0.018 χ^2/NDF : 1892277.0/31

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.019 ± 0.036 $\chi^2/\text{NDF}: 17.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

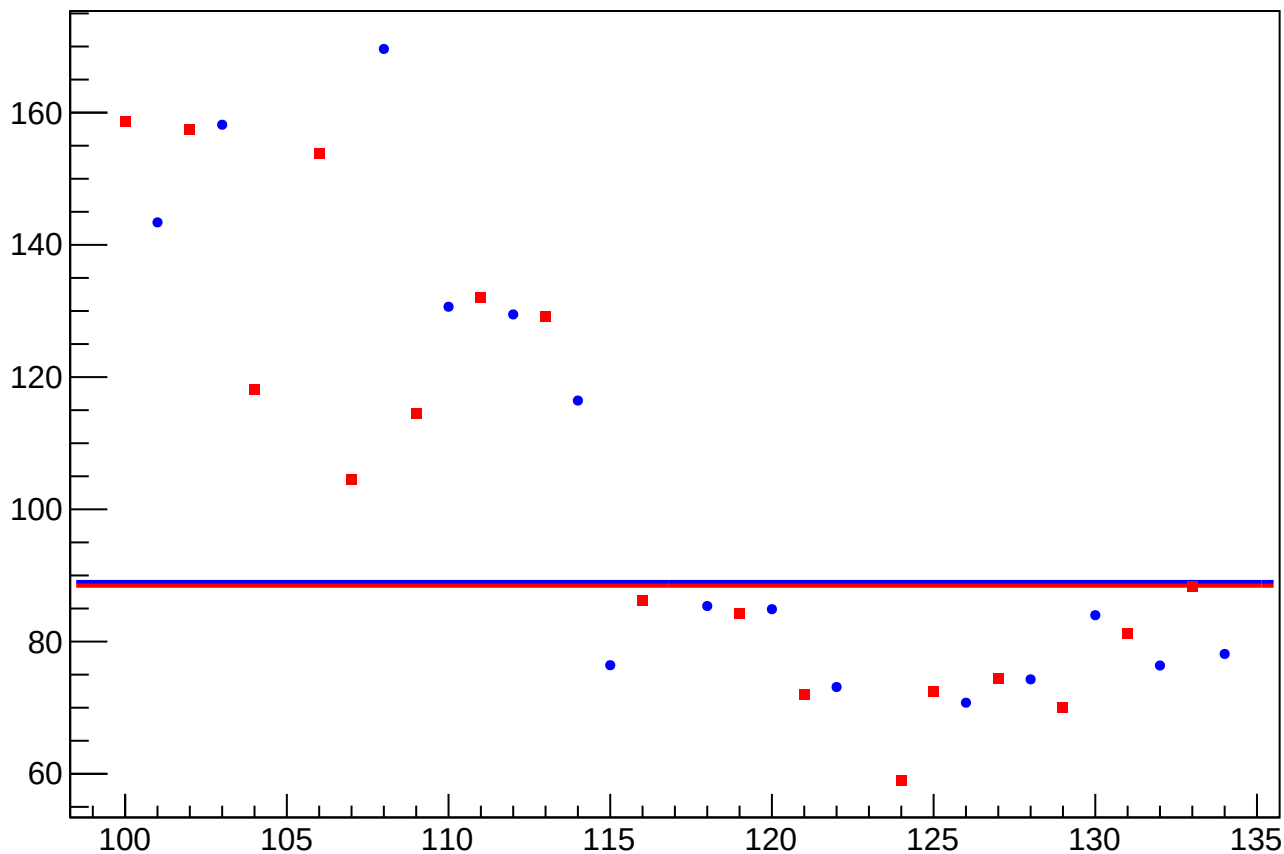
Right: -0.033 ± 0.026 $\chi^2/\text{NDF}: 30.8/31$

In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.026 $\chi^2/\text{NDF}: 30.8/31$

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.022+/-0.026 χ^2/NDF : 960705.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.446+/-0.025 χ^2/NDF : 931320.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

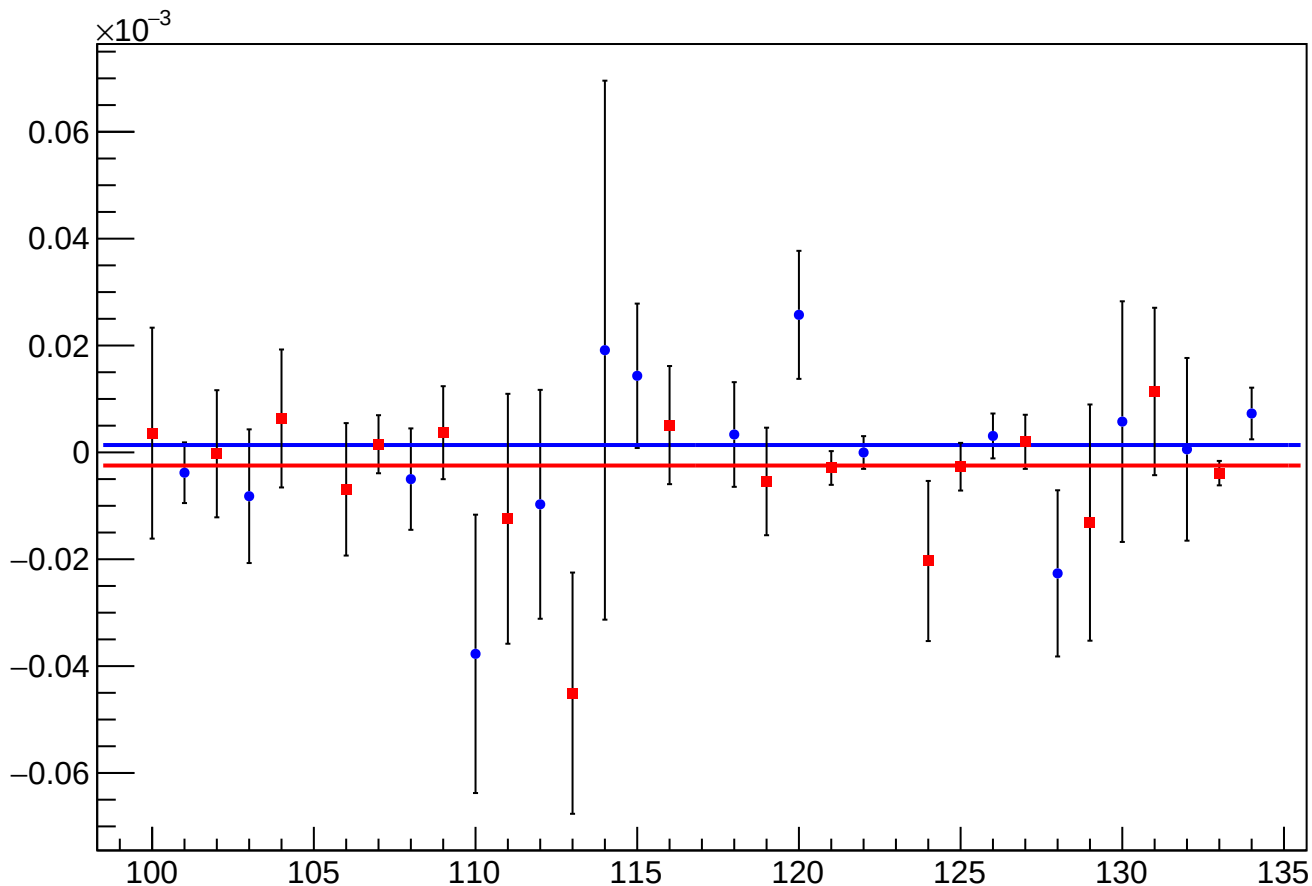
Right: 88.724+/-0.018 χ^2/NDF : 1892277.0/31

In: 89.022+/-0.026 χ^2/NDF : 960705.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.724+/-0.018 χ^2/NDF : 1892277.0/31

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 13.9/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 9.7/16

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

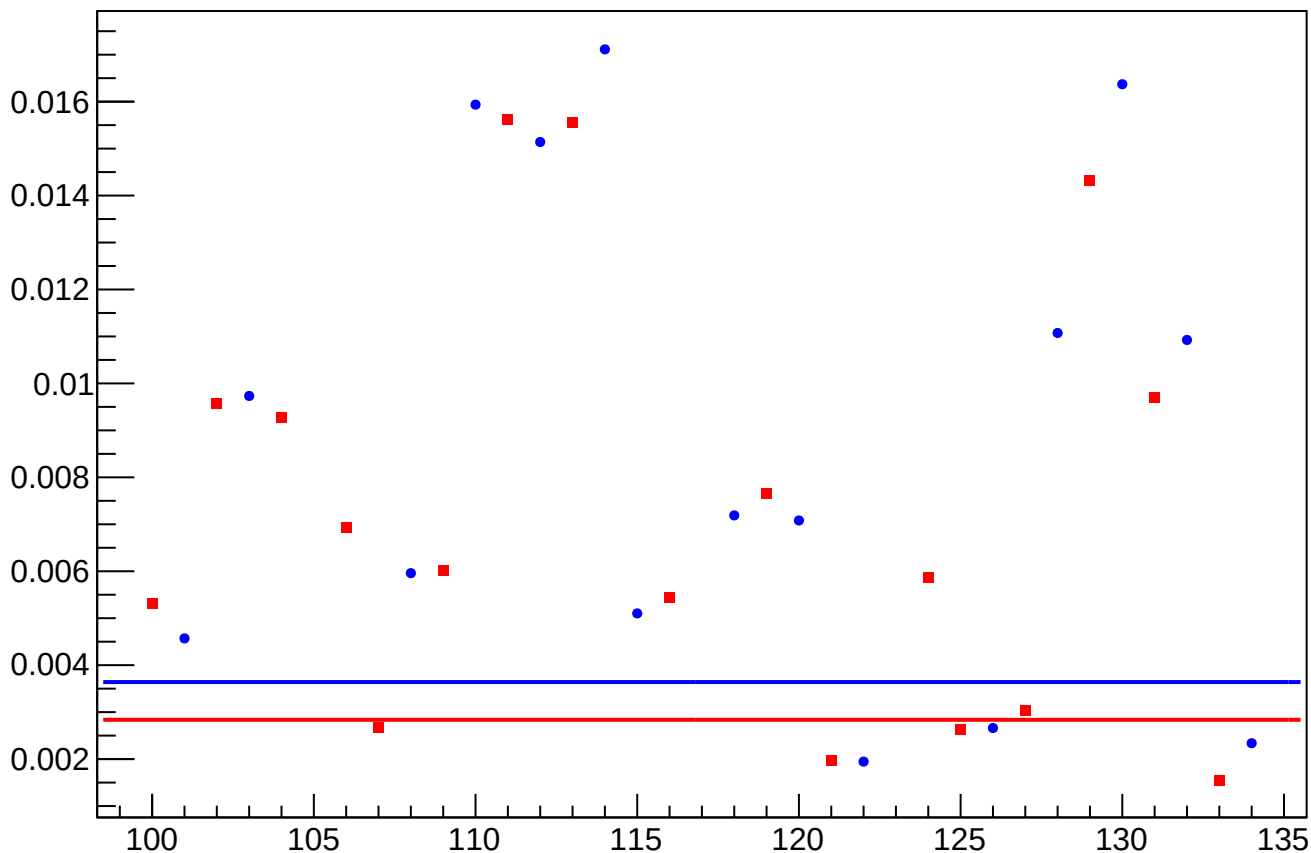
Right: -0.000 +/- 0.000 χ^2/NDF : 26.2/31

In: 0.000 +/- 0.000 χ^2/NDF : 13.9/14

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 26.2/31

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000

χ^2/NDF : 4587741.4/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5268265.9/16

Left 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 : 10090216.4/31

In: 0.004+/-0.000

χ^2/NDF : 4587741.4/14

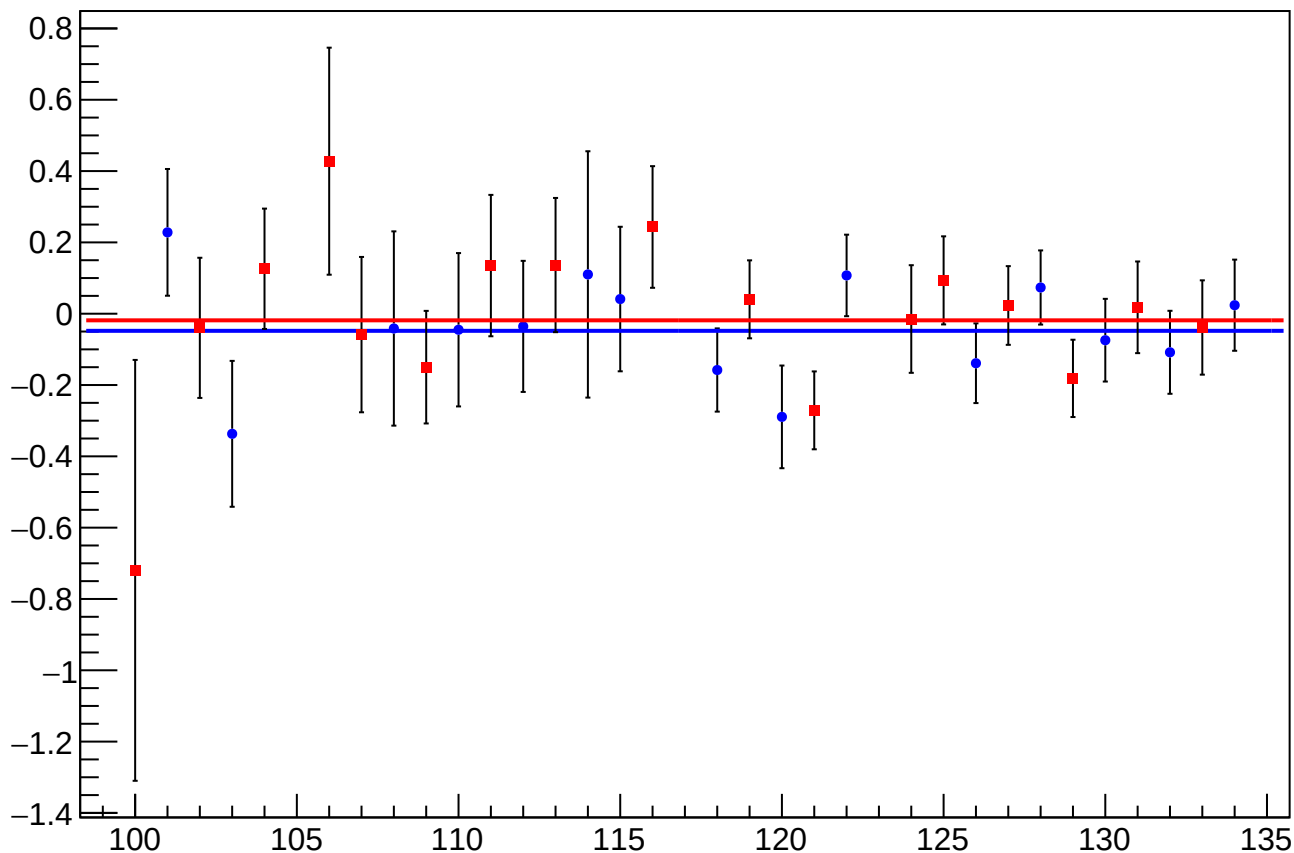
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 10090216.4/31

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.019 ± 0.036 $\chi^2/\text{NDF}: 17.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

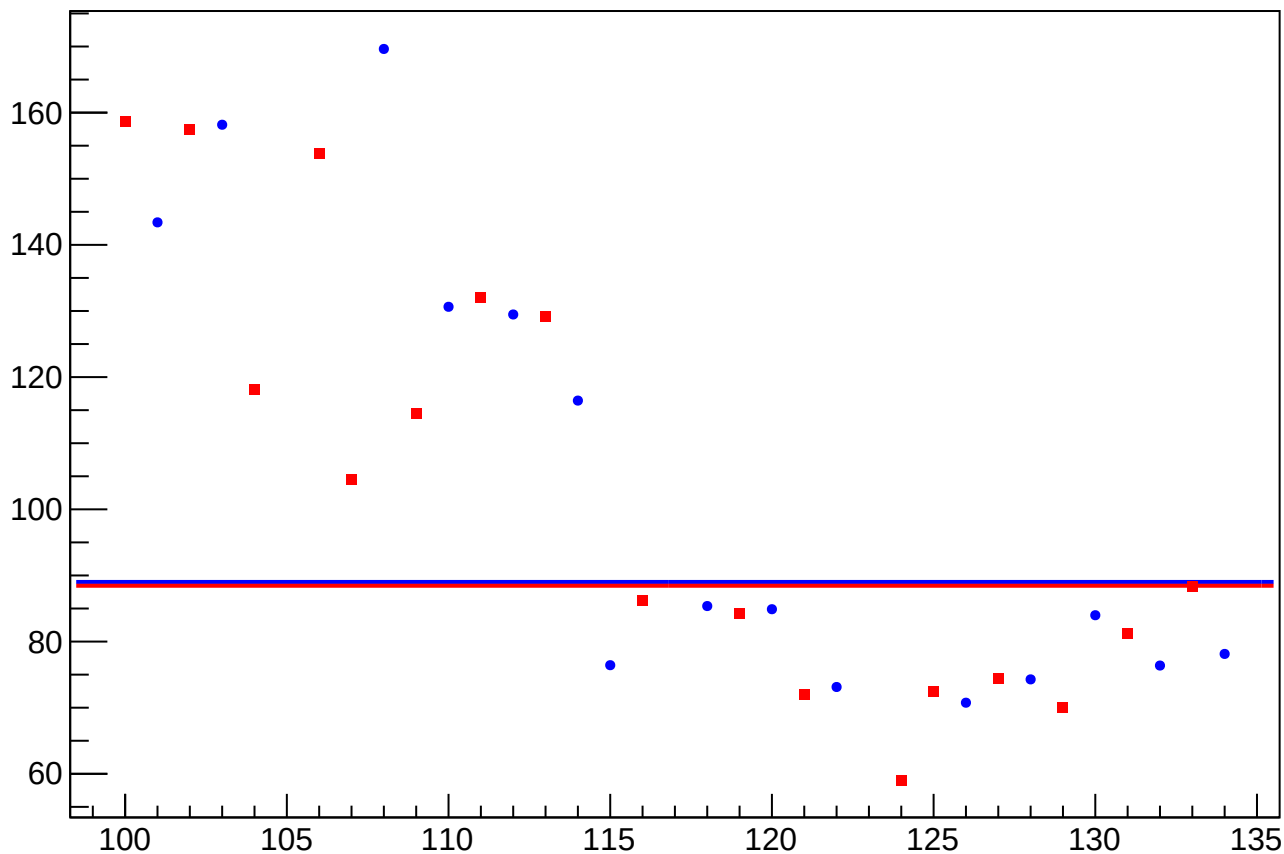
Right: -0.033 ± 0.026 $\chi^2/\text{NDF}: 30.8/31$

In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.033 ± 0.026 $\chi^2/\text{NDF}: 30.8/31$

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.019+/-0.026 χ^2/NDF : 960713.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.443+/-0.025 χ^2/NDF : 931329.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

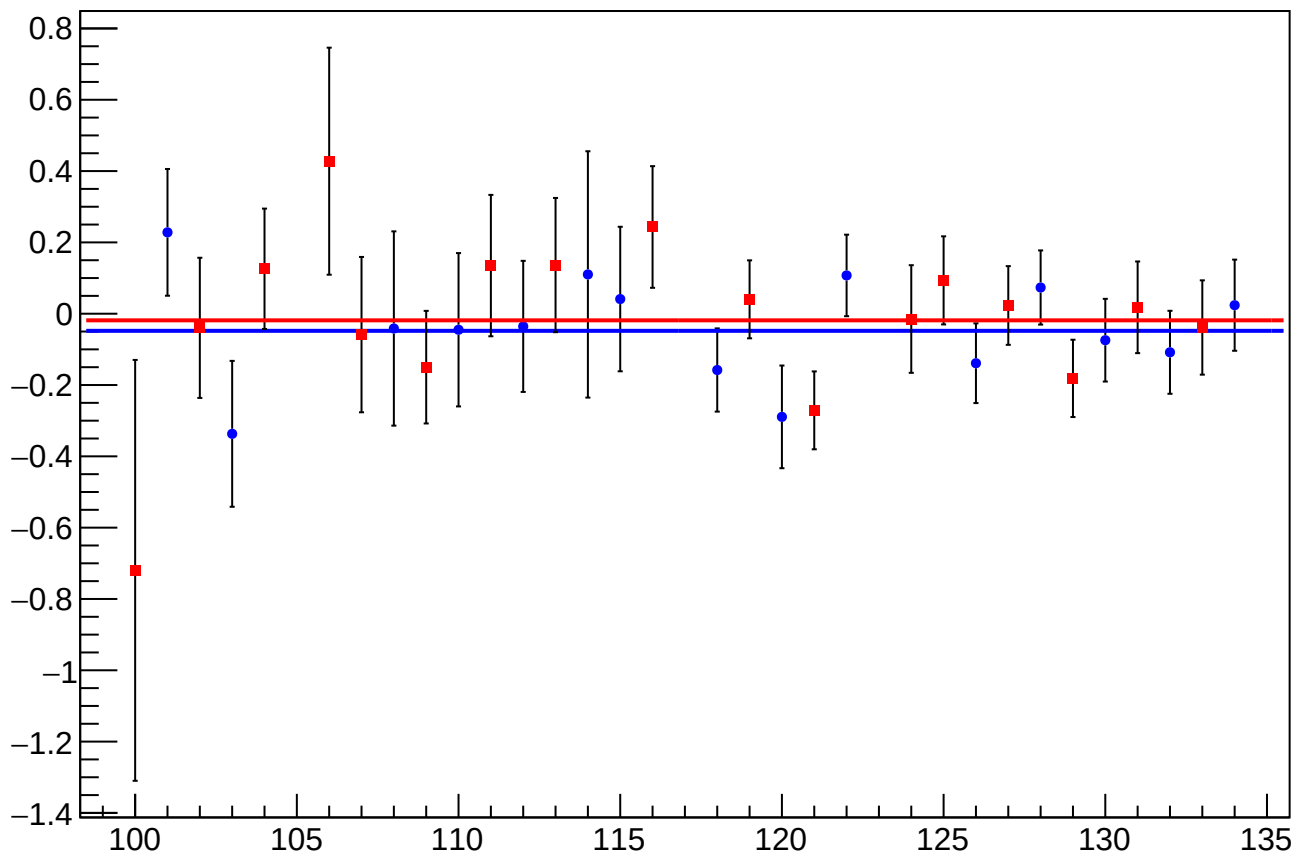
Right: 88.721+/-0.018 χ^2/NDF : 1892294.5/31

In: 89.019+/-0.026 χ^2/NDF : 960713.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.721+/-0.018 χ^2/NDF : 1892294.5/31

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.037 χ^2 /NDF: 13.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.019+/-0.036 χ^2 /NDF: 17.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

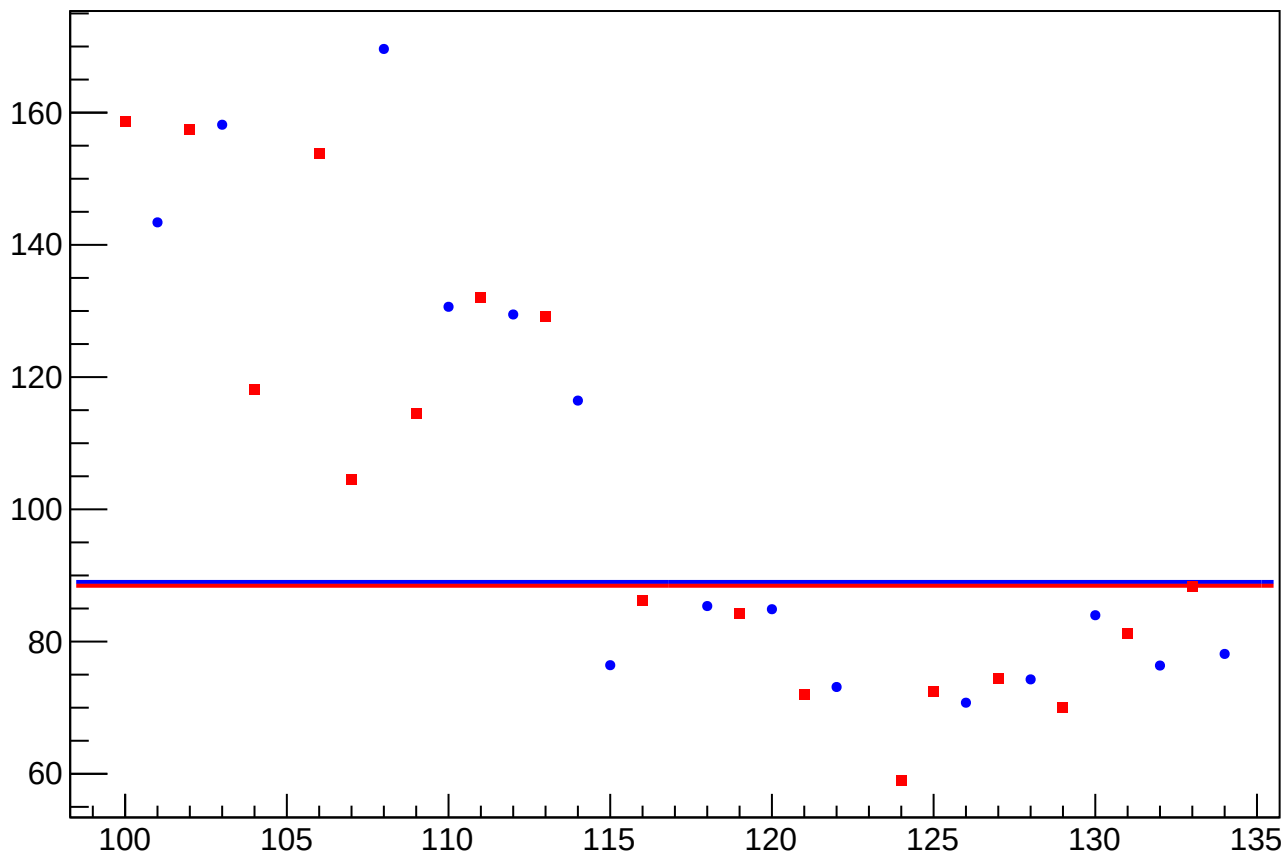
Right: -0.033+/-0.026 χ^2 /NDF: 30.8/31

In: -0.048+/-0.037 χ^2 /NDF:13.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.033+/-0.026 χ^2 /NDF: 30.8/31

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.019+/-0.026 χ^2/NDF : 960713.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.443+/-0.025 χ^2/NDF : 931329.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

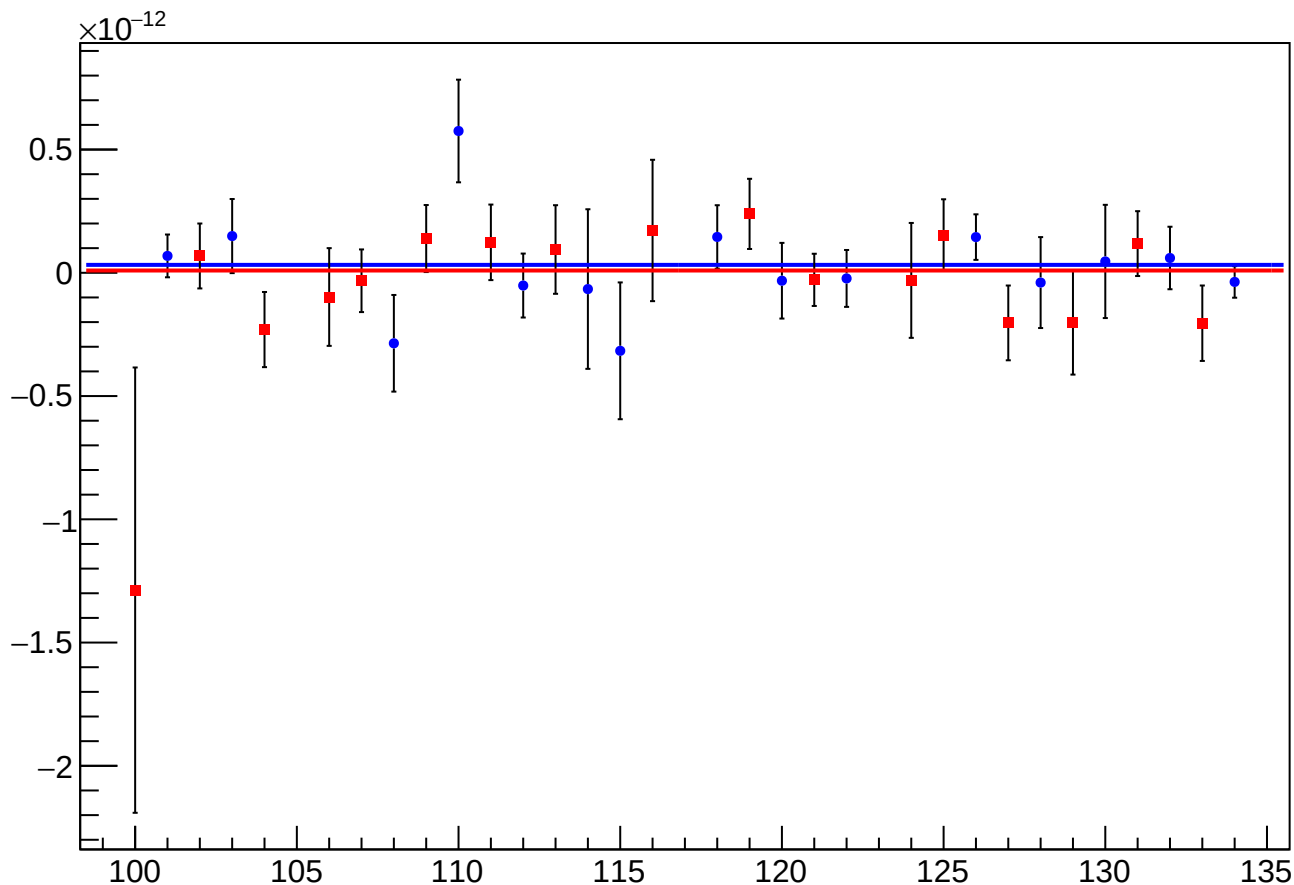
Right: 88.721+/-0.018 χ^2/NDF : 1892294.5/31

In: 89.019+/-0.026 χ^2/NDF : 960713.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.721+/-0.018 χ^2/NDF : 1892294.5/31

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

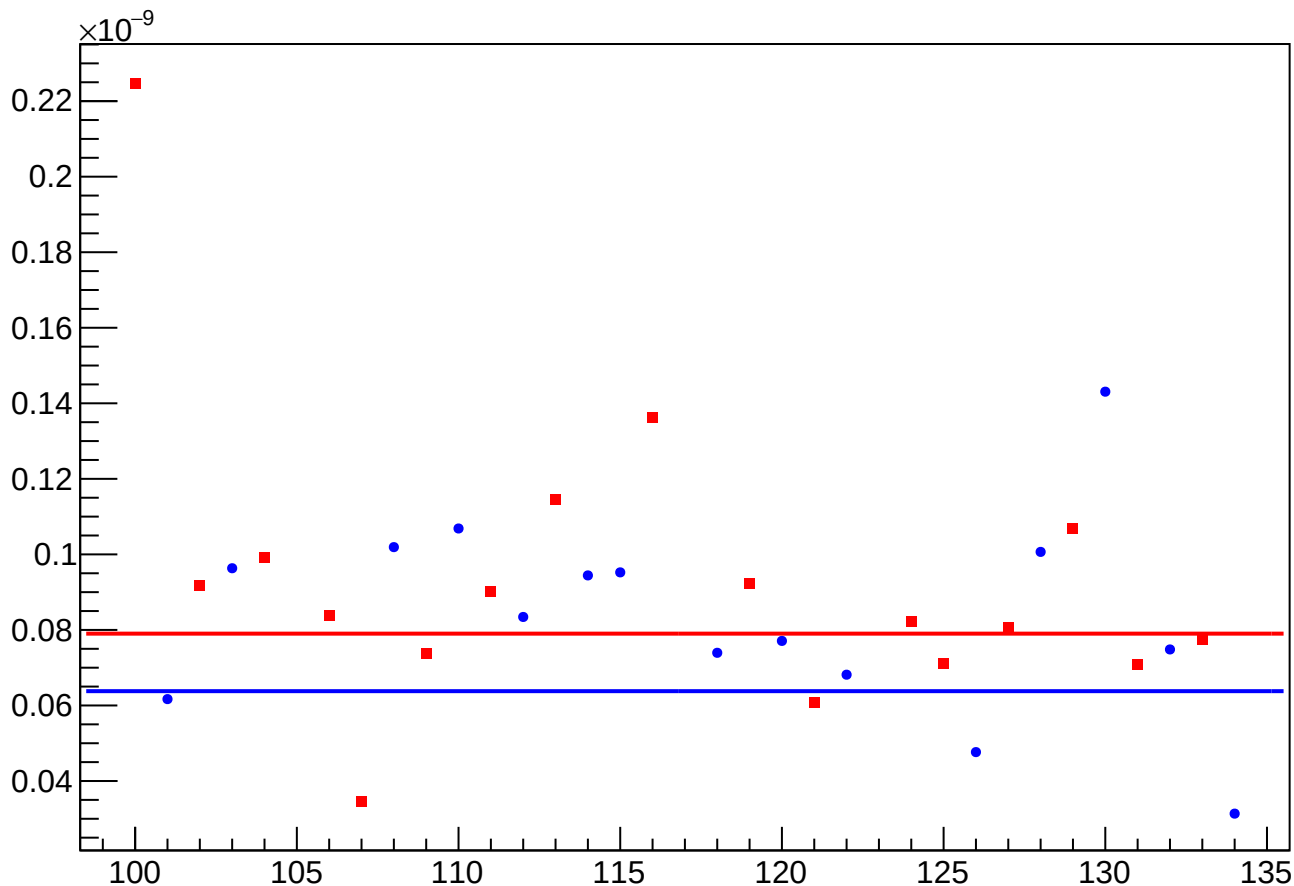
Right: 0.000+/-0.000 χ^2/NDF : 33.0/31

In: 0.000+/-0.000 χ^2/NDF : 16.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.0/31

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1283162.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 648151.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

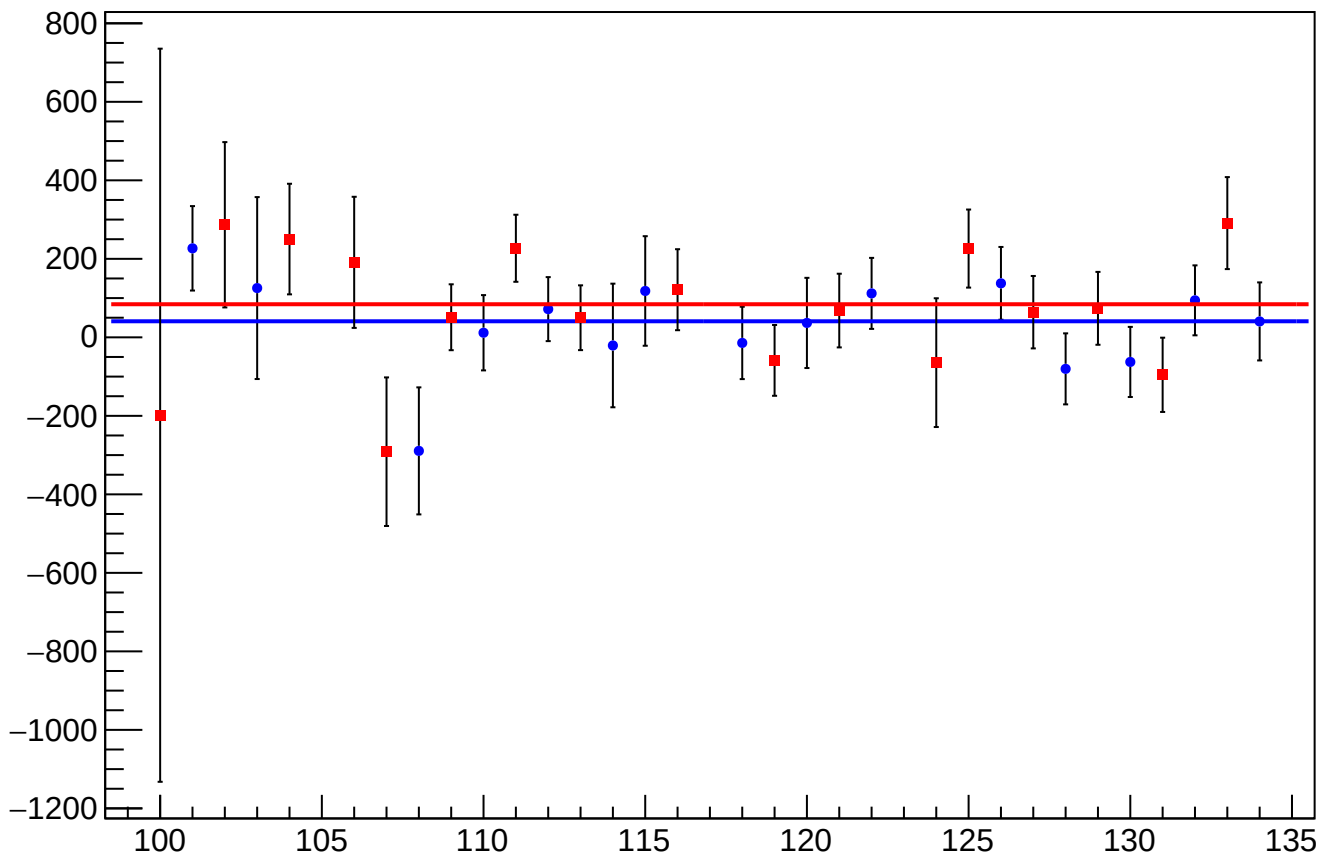
Right: 0.000+/-0.000 χ^2/NDF : 2118846.9/31

In: 0.000+/-0.000 χ^2/NDF : 1283162.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2118846.9/31

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 40.920 $\pm$ 26.717 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.323 $\pm$ 26.257 χ^2 /NDF: 22.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

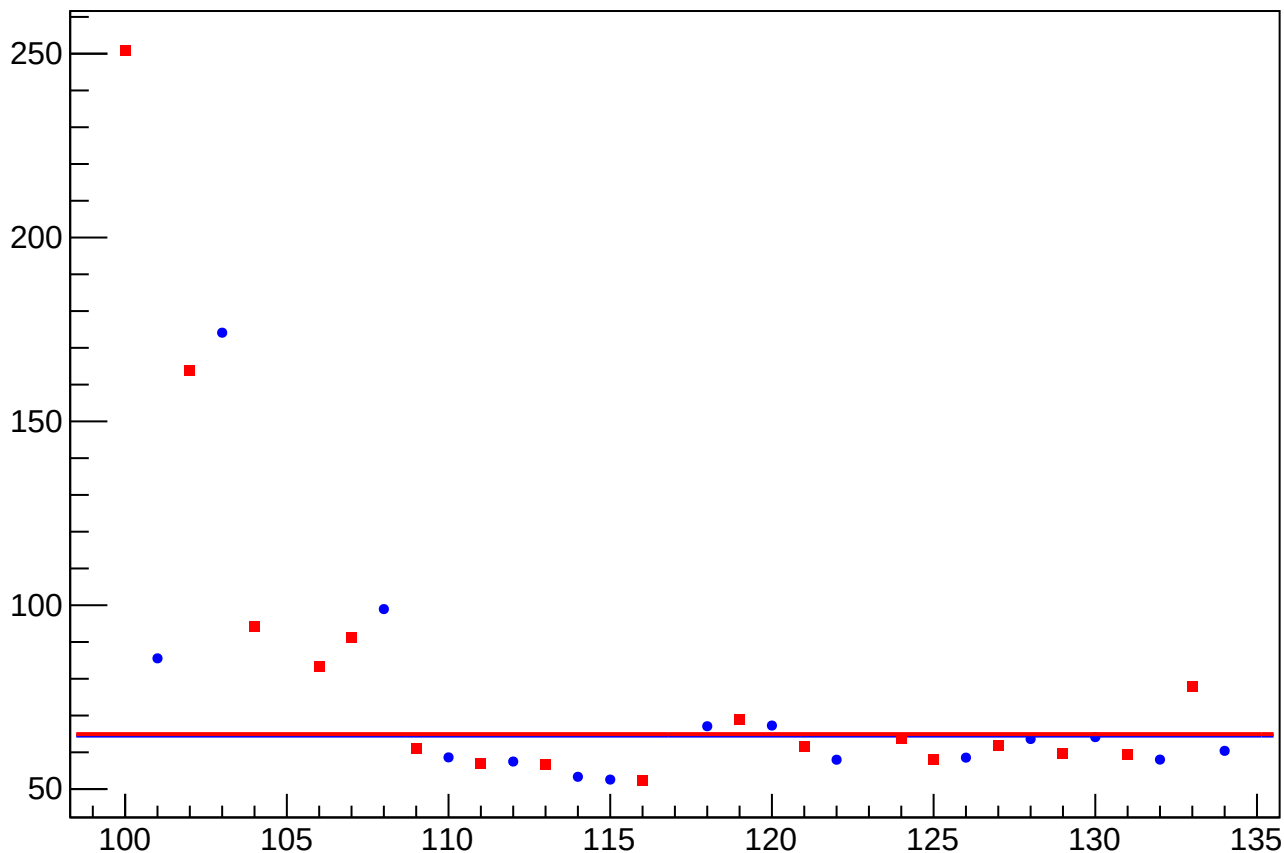
Right: 62.999 $\pm$ 18.727 χ^2 /NDF: 37.1/31

In: 40.920 $\pm$ 26.717 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.999 $\pm$ 18.727 χ^2 /NDF: 37.1/31

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.545+/-0.019 χ^2/NDF : 697329.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.950+/-0.019 χ^2/NDF : 797217.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

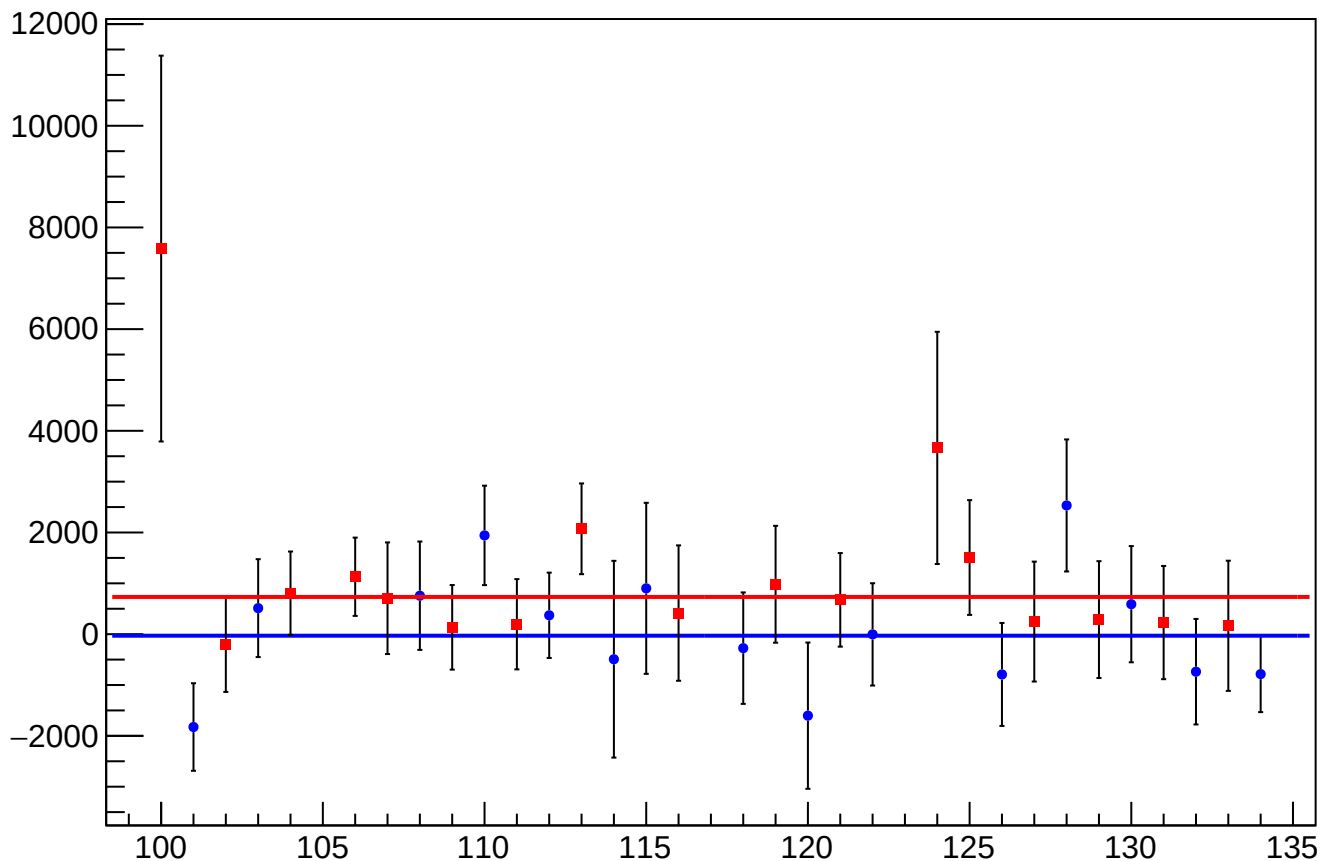
Right: 64.751+/-0.013 χ^2/NDF : 1494781.4/31

In: 64.545+/-0.019 χ^2/NDF : 697329.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.751+/-0.013 χ^2/NDF : 1494781.4/31

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -30.160+/-269.721 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 732.204+/-253.642 χ^2/NDF : 10.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

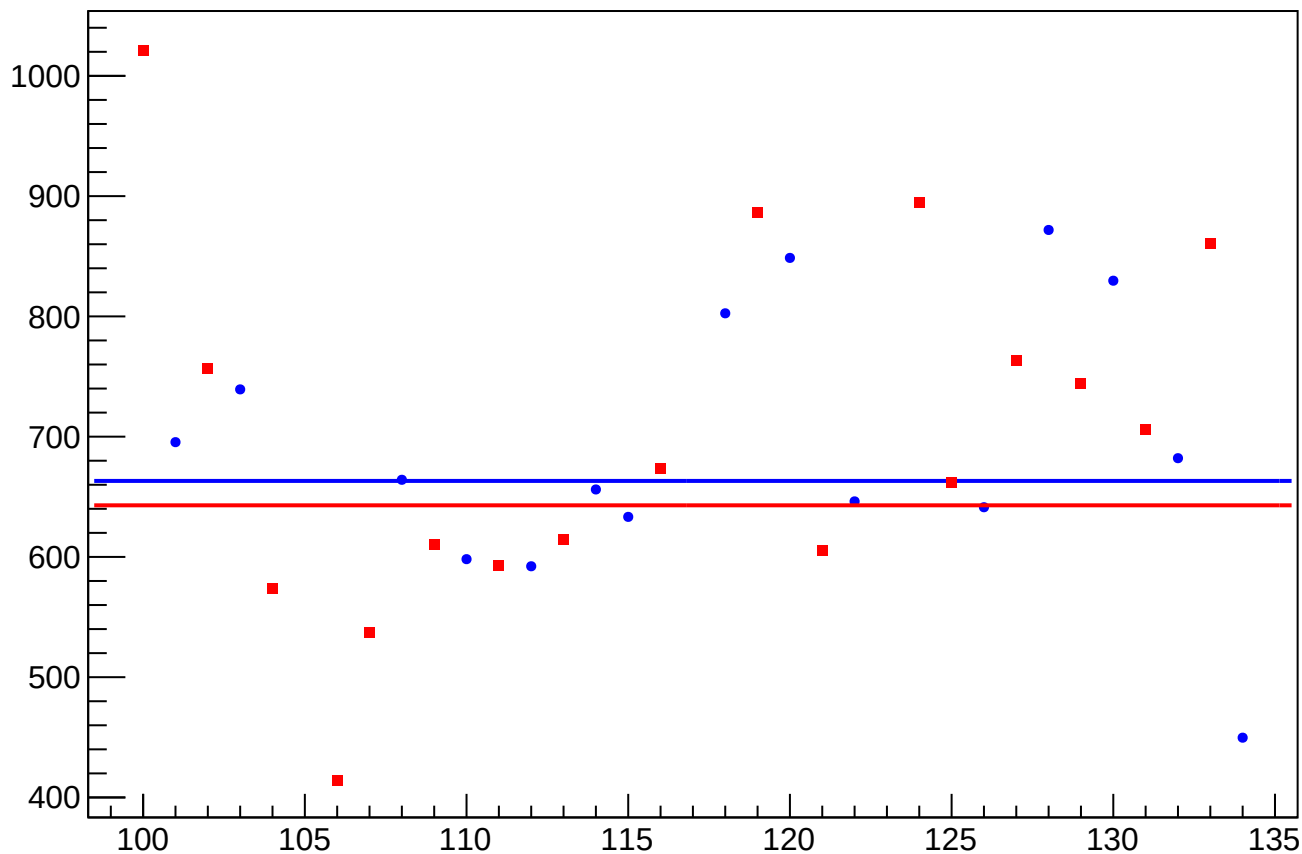
Right: 374.422+/-184.775 χ^2/NDF : 32.2/31

In: -30.160+/-269.721 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.422+/-184.775 χ^2/NDF : 32.2/31

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 663.196+/-0.191 χ^2/NDF : 363803.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 642.909+/-0.179 χ^2/NDF : 489221.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

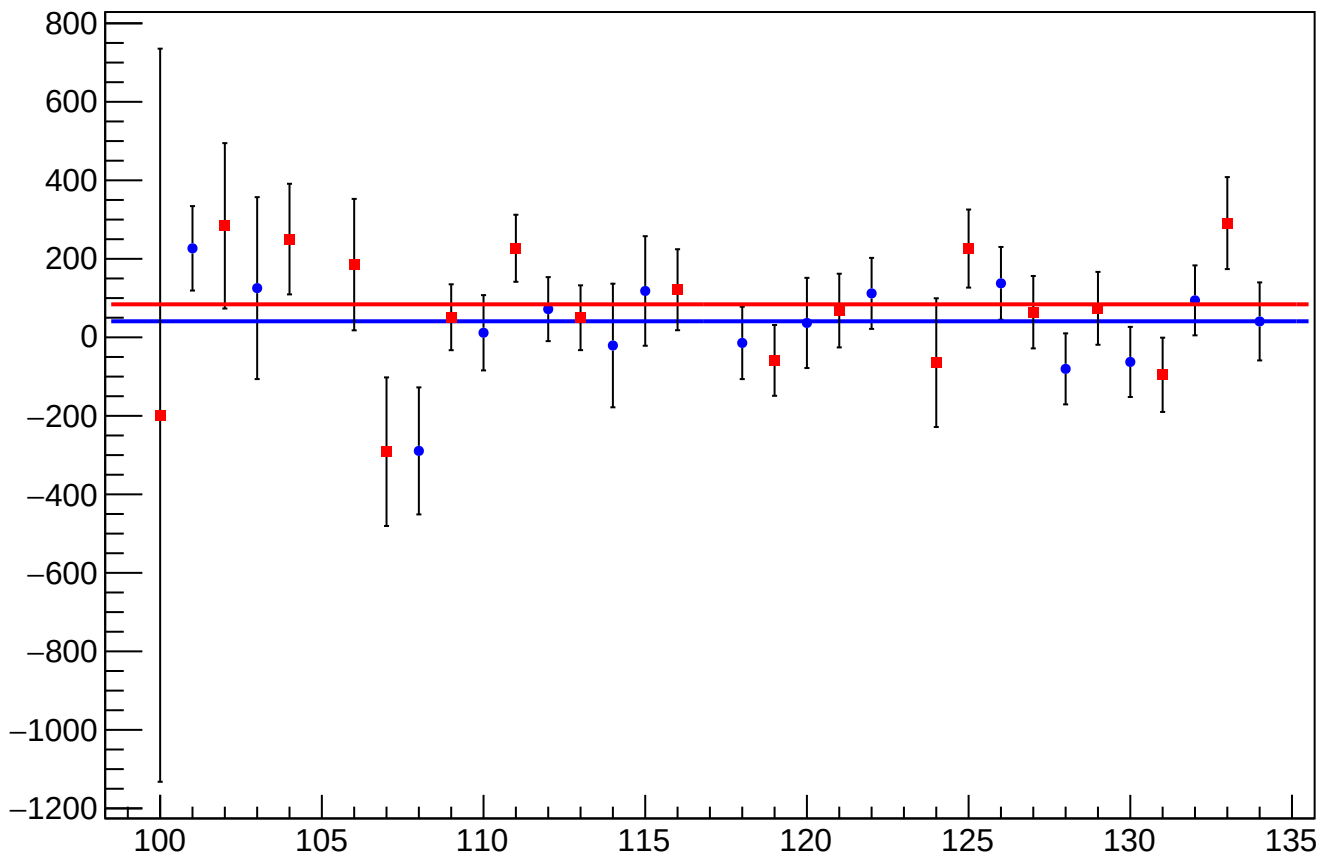
Right: 652.430+/-0.131 χ^2/NDF : 859030.3/31

In: 663.196+/-0.191 χ^2/NDF :363803.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 652.430+/-0.131 χ^2/NDF : 859030.3/31

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 40.912 $\pm$ 26.717 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.115 $\pm$ 26.259 χ^2 /NDF: 22.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

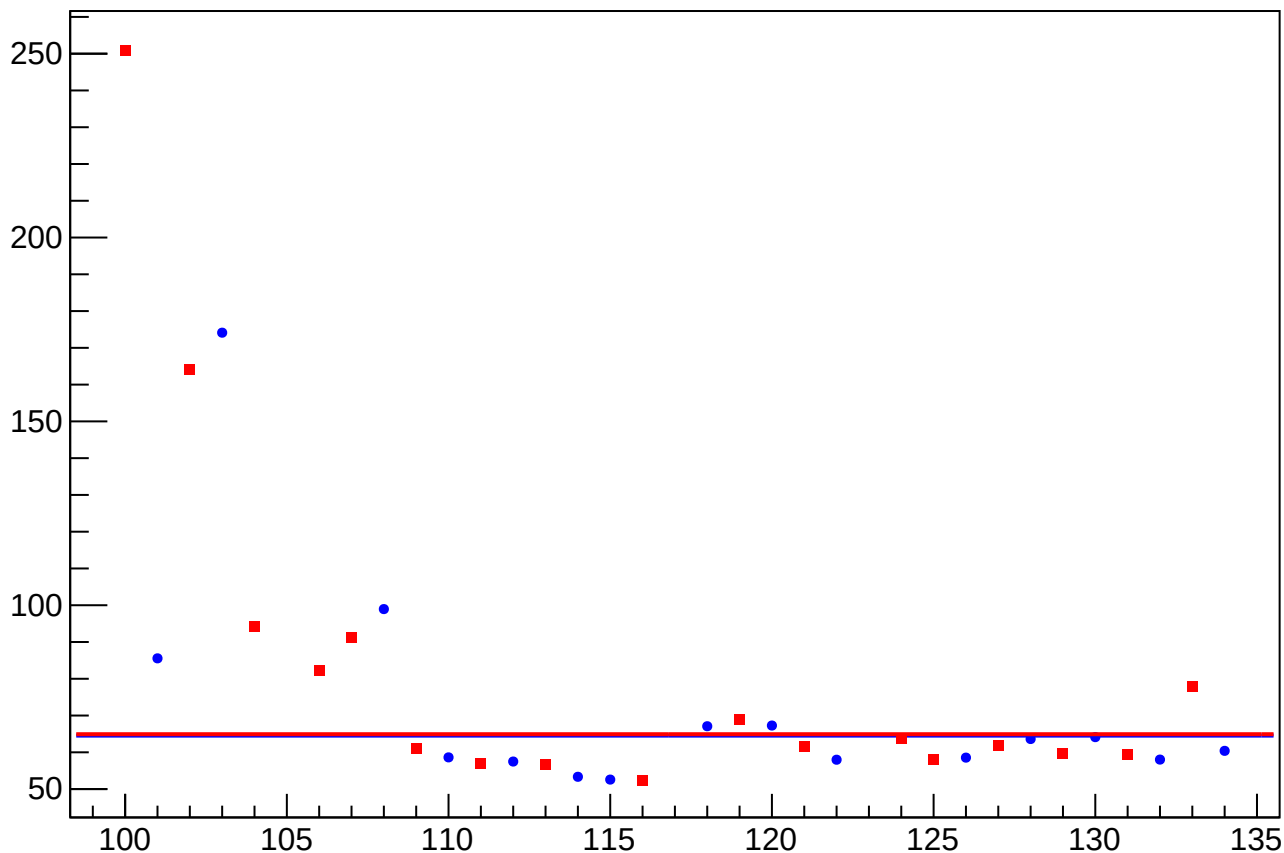
Right: 62.887 $\pm$ 18.728 χ^2 /NDF: 37.0/31

In: 40.912 $\pm$ 26.717 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.887 $\pm$ 18.728 χ^2 /NDF: 37.0/31

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.545+/-0.019 χ^2/NDF : 697331.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.922+/-0.019 χ^2/NDF : 794671.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

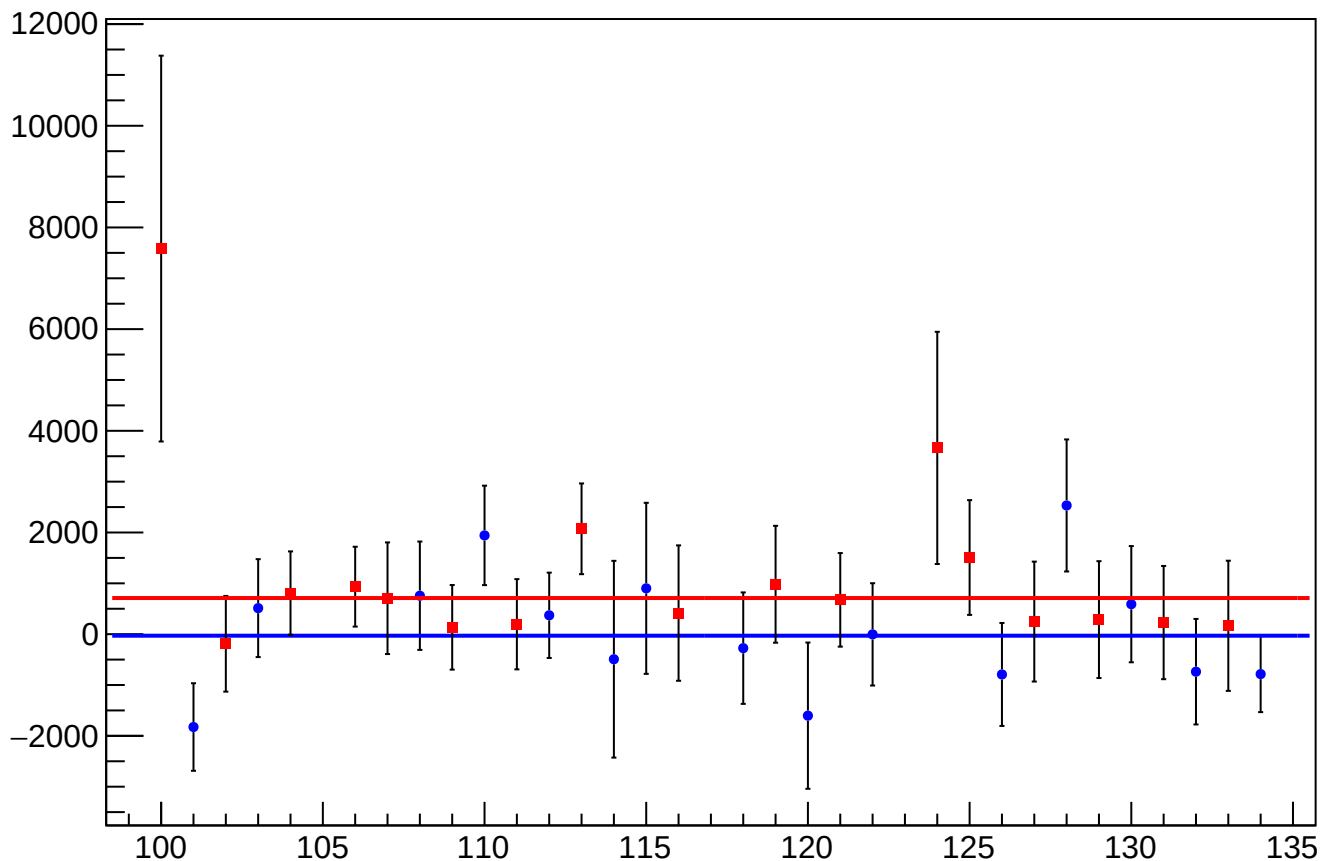
Right: 64.737+/-0.013 χ^2/NDF : 1492206.5/31

In: 64.545+/-0.019 χ^2/NDF : 697331.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.737+/-0.013 χ^2/NDF : 1492206.5/31

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -30.152 ± 269.723 $\chi^2/\text{NDF}: 17.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 710.787 ± 254.201 $\chi^2/\text{NDF}: 10.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

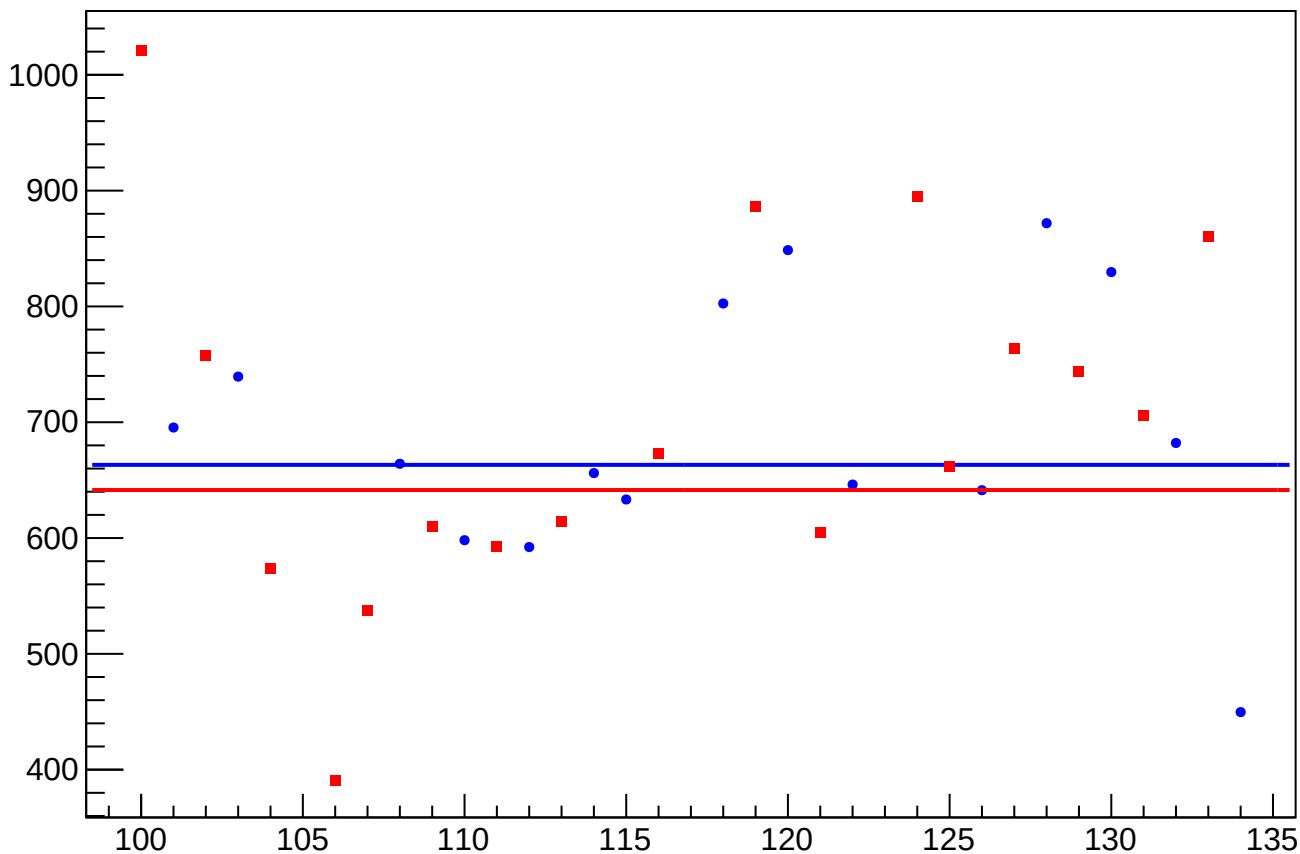
Right: 362.250 ± 184.991 $\chi^2/\text{NDF}: 31.7/31$

In: -30.152 ± 269.723 $\chi^2/\text{NDF}: 17.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 362.250 ± 184.991 $\chi^2/\text{NDF}: 31.7/31$

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 663.201+/-0.191 χ^2/NDF : 363826.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.465+/-0.180 χ^2/NDF : 519083.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

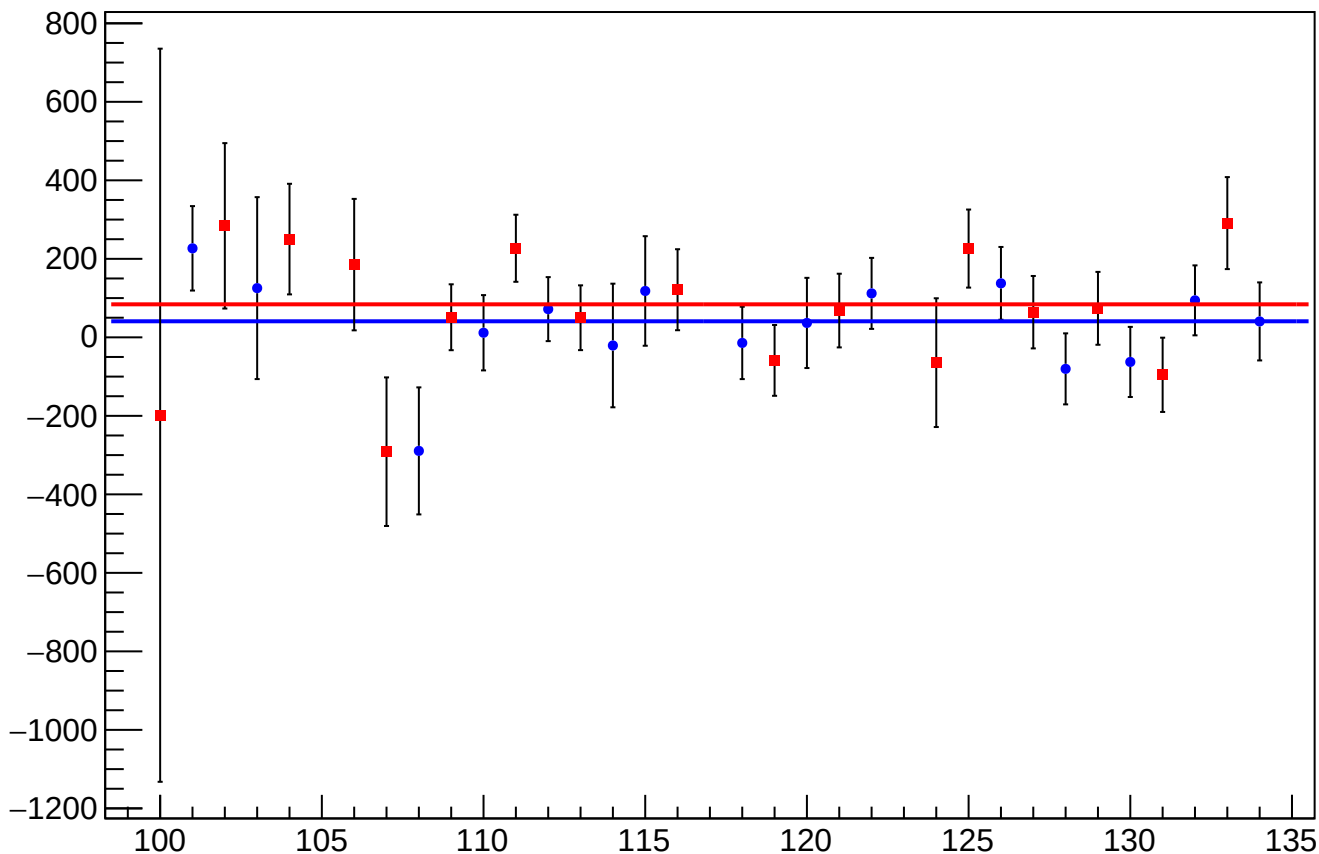
Right: 651.690+/-0.131 χ^2/NDF : 889788.0/31

In: 663.201+/-0.191 χ^2/NDF : 363826.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.690+/-0.131 χ^2/NDF : 889788.0/31

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 40.912 $\pm$ 26.717 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.115 $\pm$ 26.259 χ^2 /NDF: 22.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

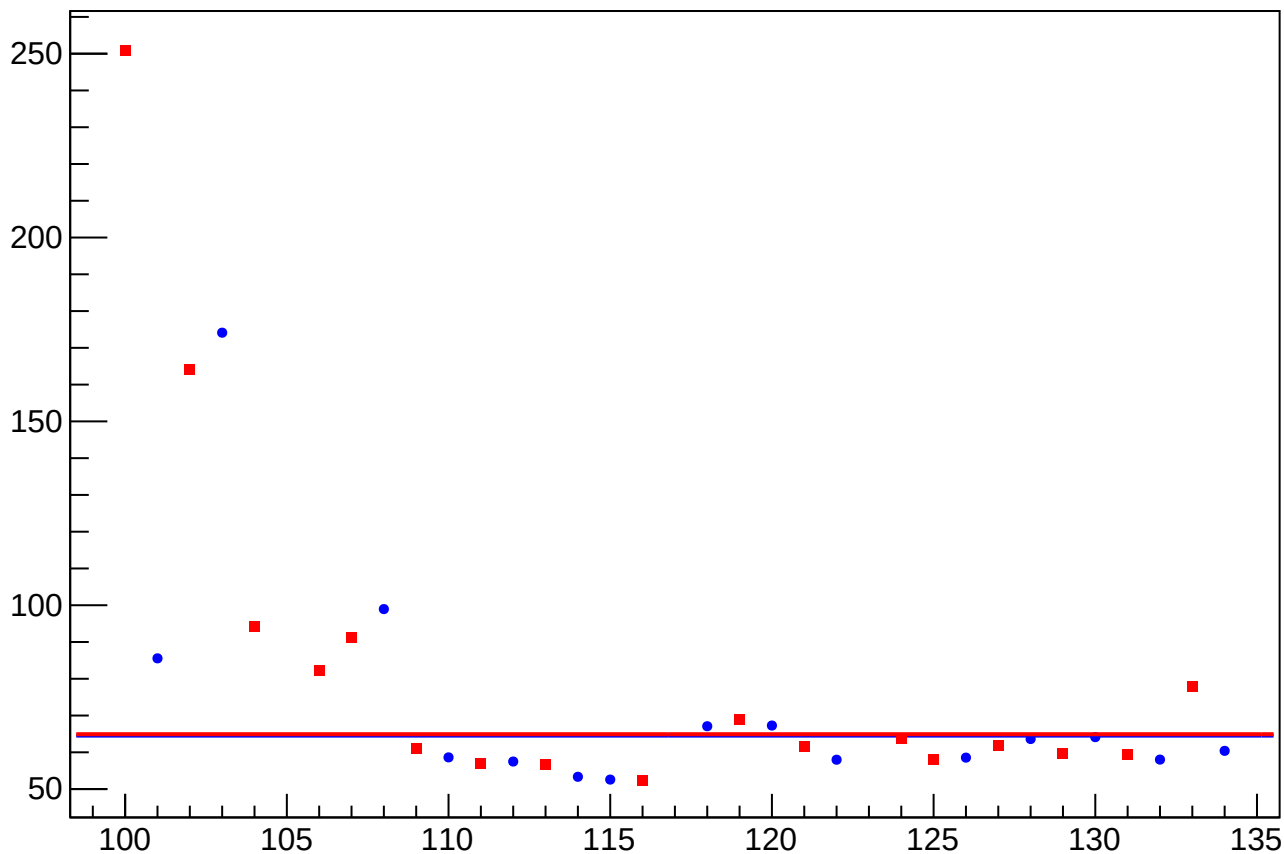
Right: 62.887 $\pm$ 18.728 χ^2 /NDF: 37.0/31

In: 40.912 $\pm$ 26.717 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.887 $\pm$ 18.728 χ^2 /NDF: 37.0/31

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.545+/-0.019 χ^2/NDF : 697331.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.922+/-0.019 χ^2/NDF : 794671.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

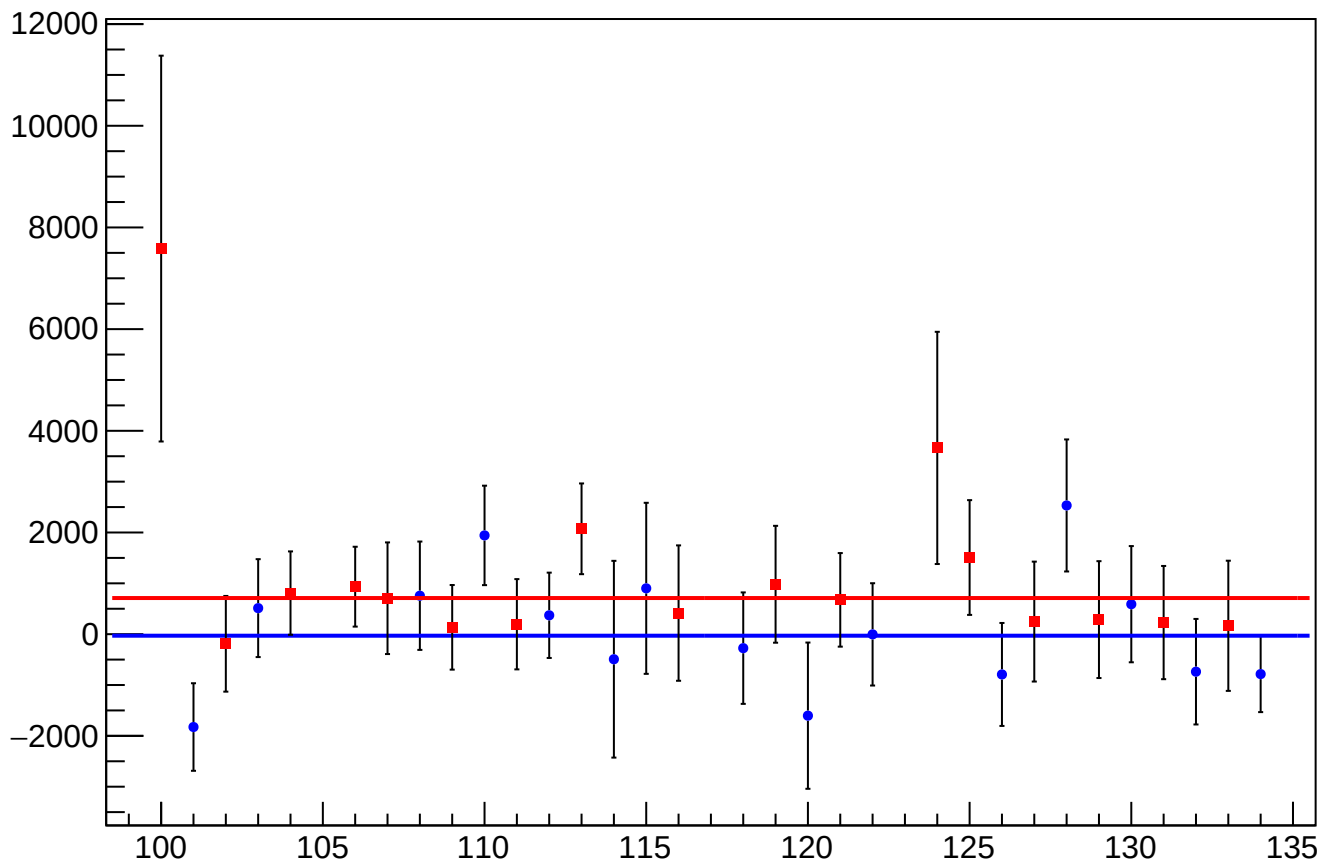
Right: 64.737+/-0.013 χ^2/NDF : 1492206.5/31

In: 64.545+/-0.019 χ^2/NDF : 697331.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.737+/-0.013 χ^2/NDF : 1492206.5/31

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -30.152 ± 269.723 $\chi^2/\text{NDF}: 17.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 710.787 ± 254.201 $\chi^2/\text{NDF}: 10.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

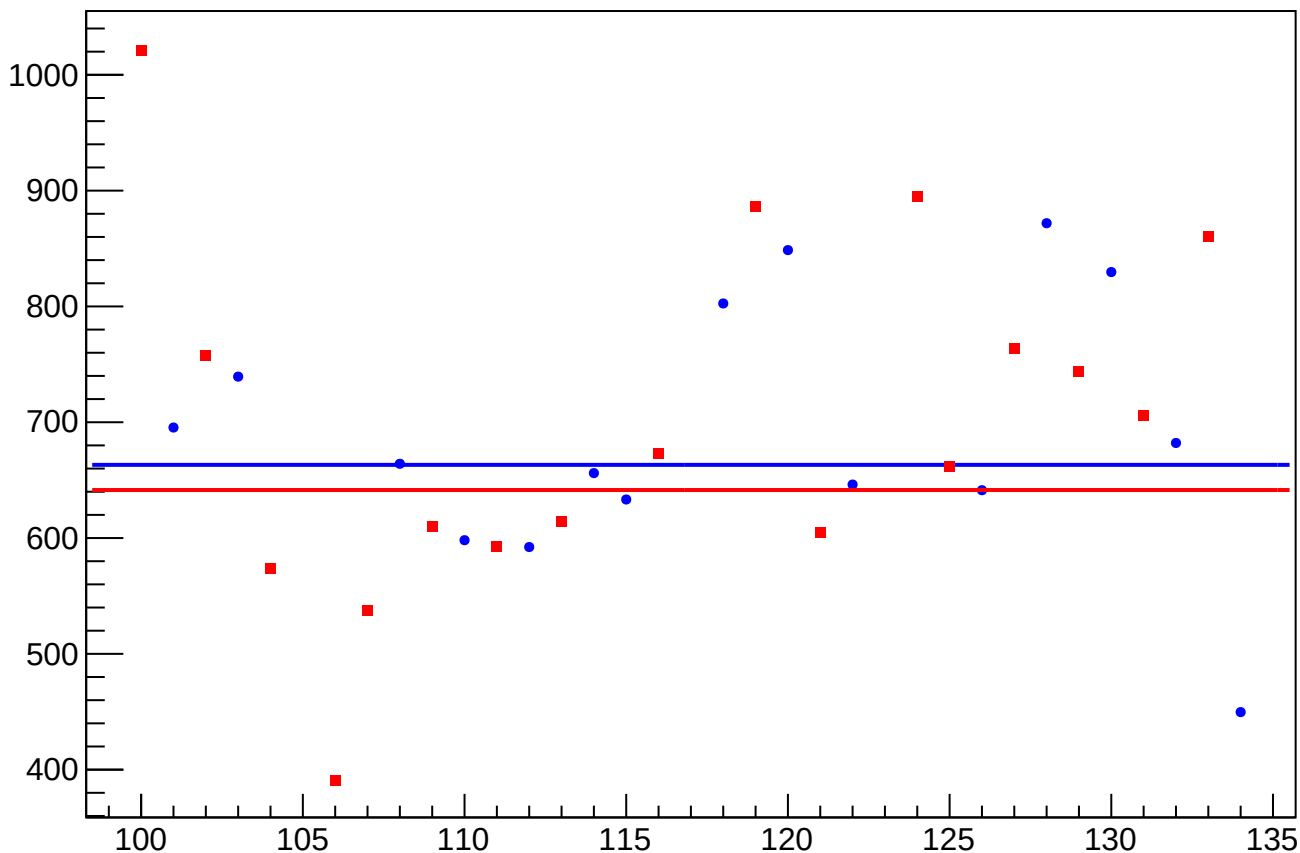
Right: 362.250 ± 184.991 $\chi^2/\text{NDF}: 31.7/31$

In: -30.152 ± 269.723 $\chi^2/\text{NDF}: 17.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 362.250 ± 184.991 $\chi^2/\text{NDF}: 31.7/31$

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 663.201 $\pm$ 0.191 χ^2/NDF : 363826.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 641.465 $\pm$ 0.180 χ^2/NDF : 519083.0/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

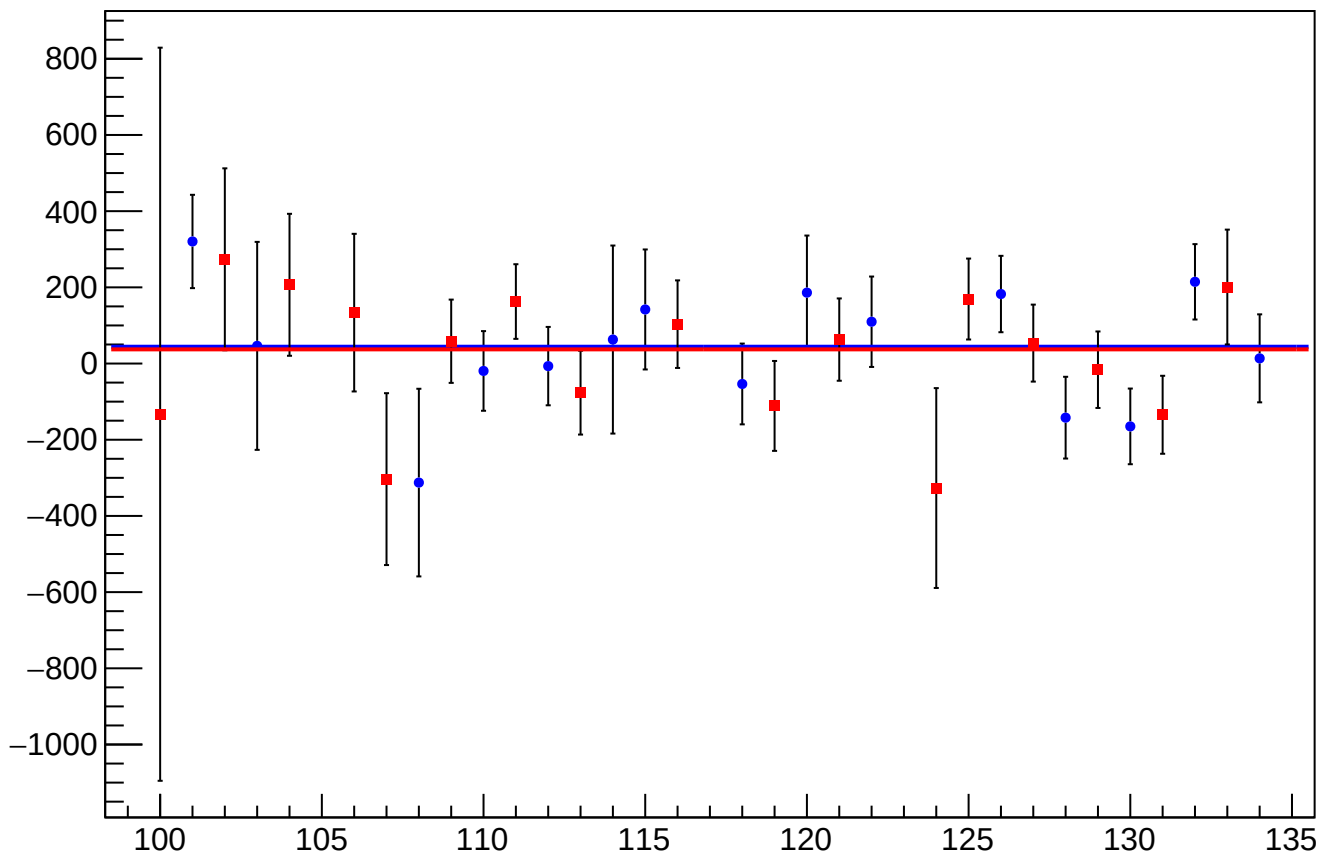
Right: 651.690 $\pm$ 0.131 χ^2/NDF : 889788.0/31

In: 663.201 $\pm$ 0.191 χ^2/NDF : 363826.8/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 651.690 $\pm$ 0.131 χ^2/NDF : 889788.0/31

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 44.135+/-31.486 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.203+/-31.100 χ^2/NDF : 16.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

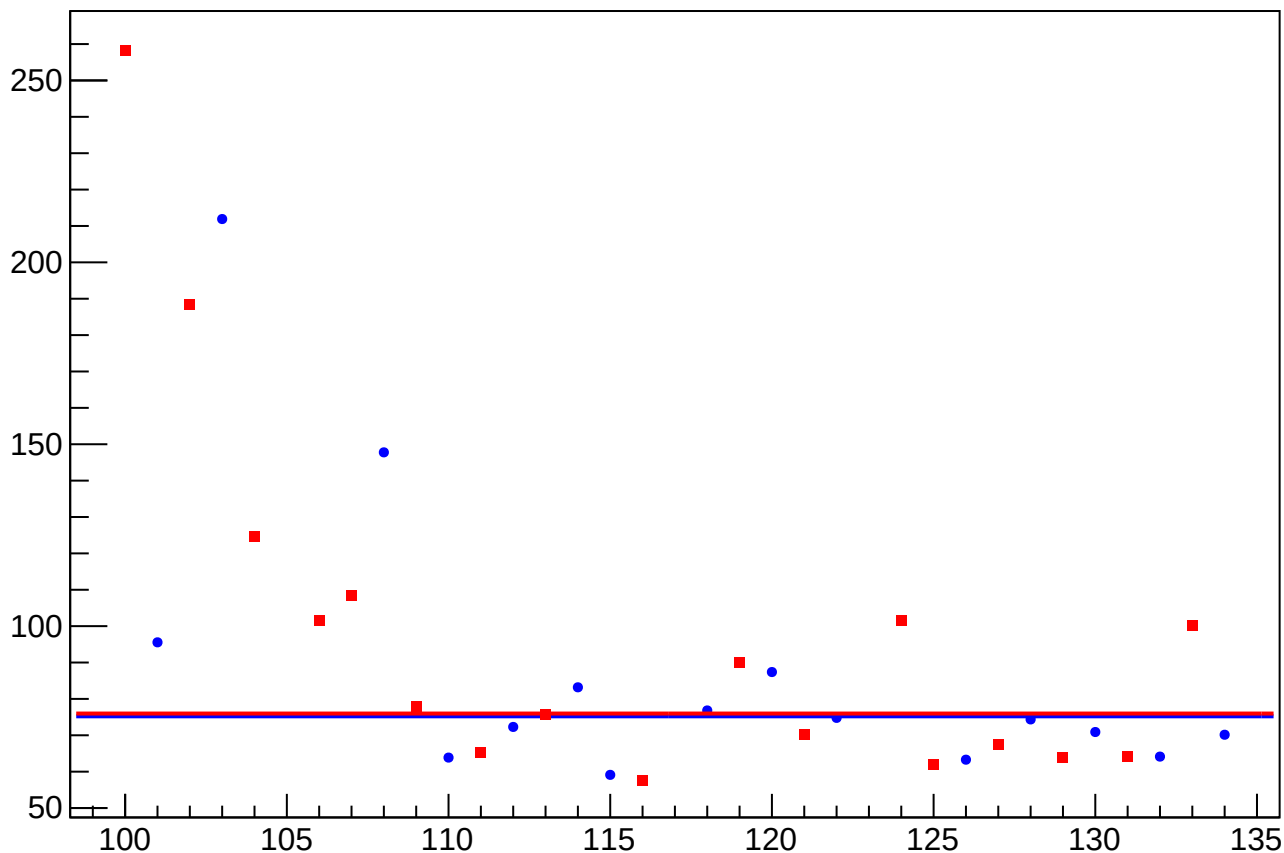
Right: 40.626+/-22.126 χ^2/NDF : 39.5/31

In: 44.135+/-31.486 χ^2/NDF : 22.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.626+/-22.126 χ^2/NDF : 39.5/31

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 75.215+/-0.022 χ^2/NDF : 853274.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 75.974+/-0.022 χ^2/NDF : 1010247.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

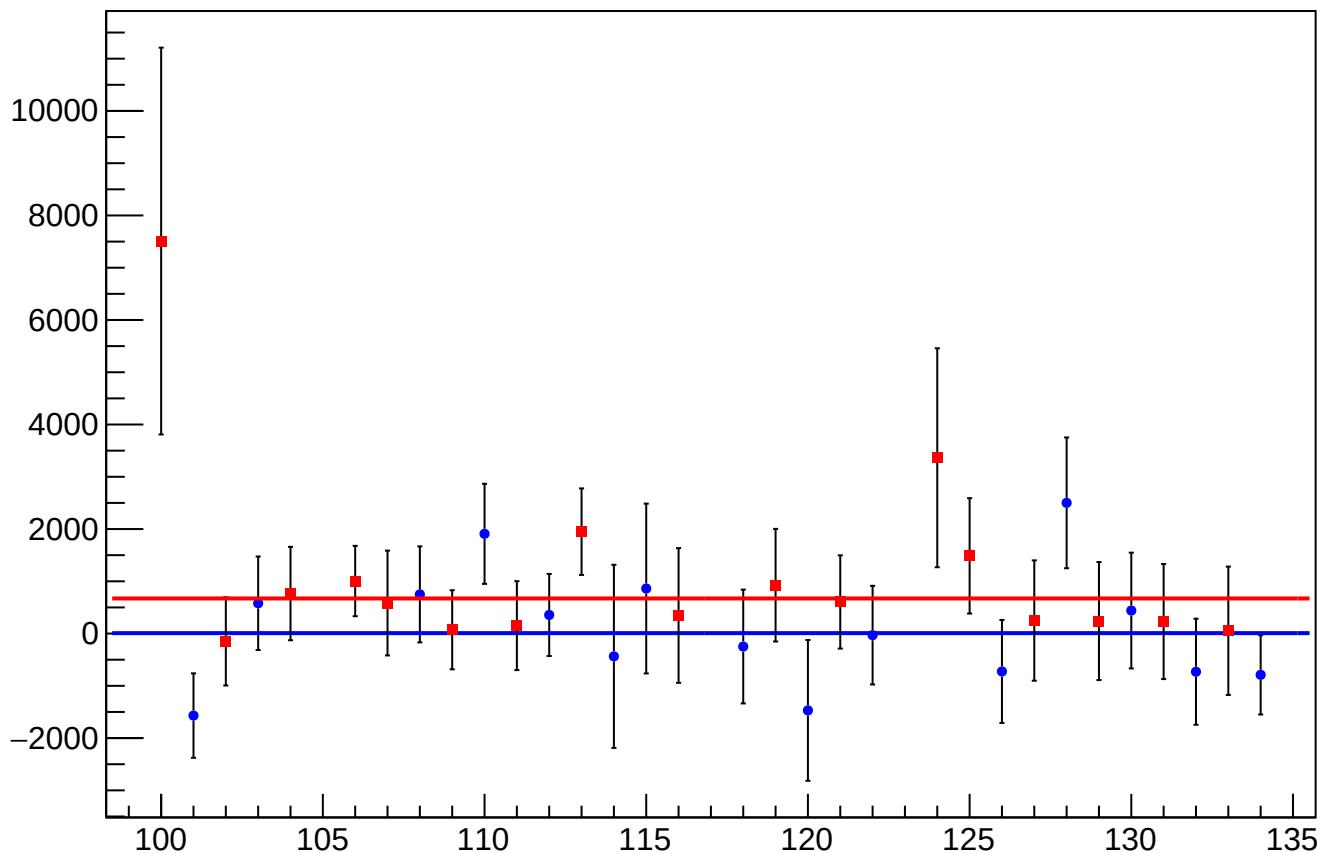
Right: 75.599+/-0.016 χ^2/NDF : 1864110.6/31

In: 75.215+/-0.022 χ^2/NDF :853274.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.599+/-0.016 χ^2/NDF : 1864110.6/31

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 8.513 ± 257.394 χ^2/NDF : 16.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 671.896 ± 240.324 χ^2/NDF : 11.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

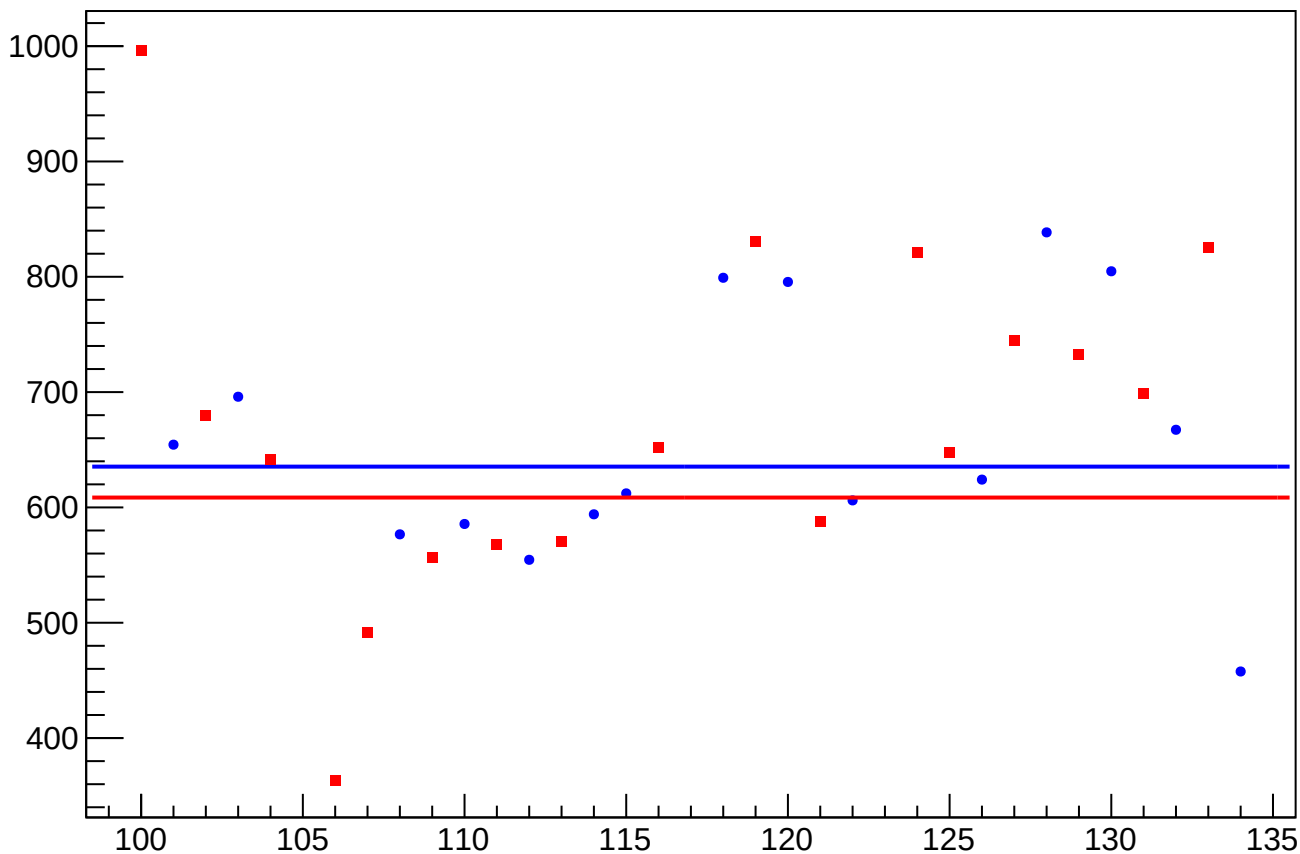
Right: 362.930 ± 175.660 χ^2/NDF : 31.5/31

In: 8.513 ± 257.394 χ^2/NDF : 16.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 362.930 ± 175.660 χ^2/NDF : 31.5/31

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 635.379+/-0.182 χ^2/NDF : 333352.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 608.555+/-0.170 χ^2/NDF : 589043.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

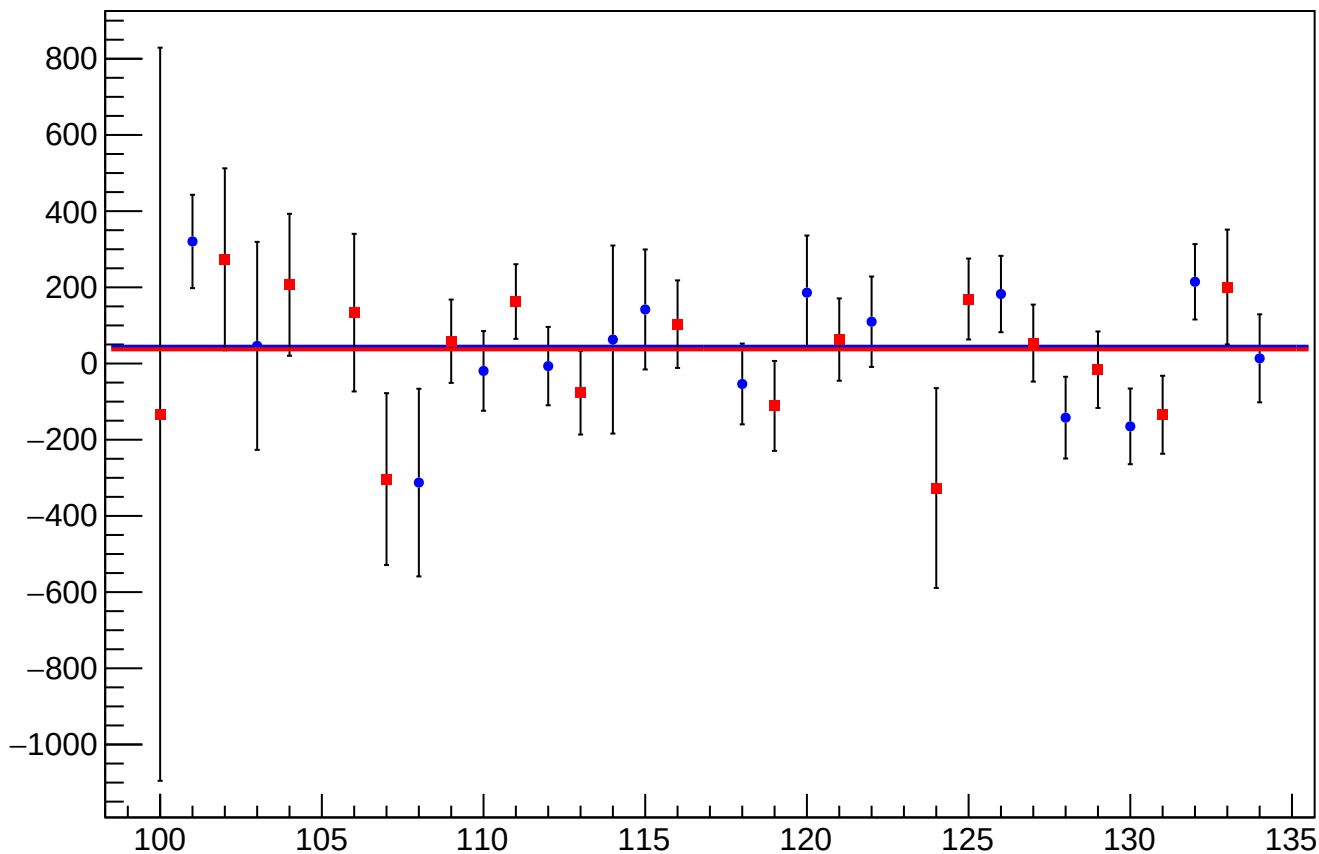
Right: 621.048+/-0.124 χ^2/NDF : 933999.9/31

In: 635.379+/-0.182 χ^2/NDF : 333352.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.048+/-0.124 χ^2/NDF : 933999.9/31

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 44.135+/-31.486 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.201+/-31.100 χ^2/NDF : 16.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

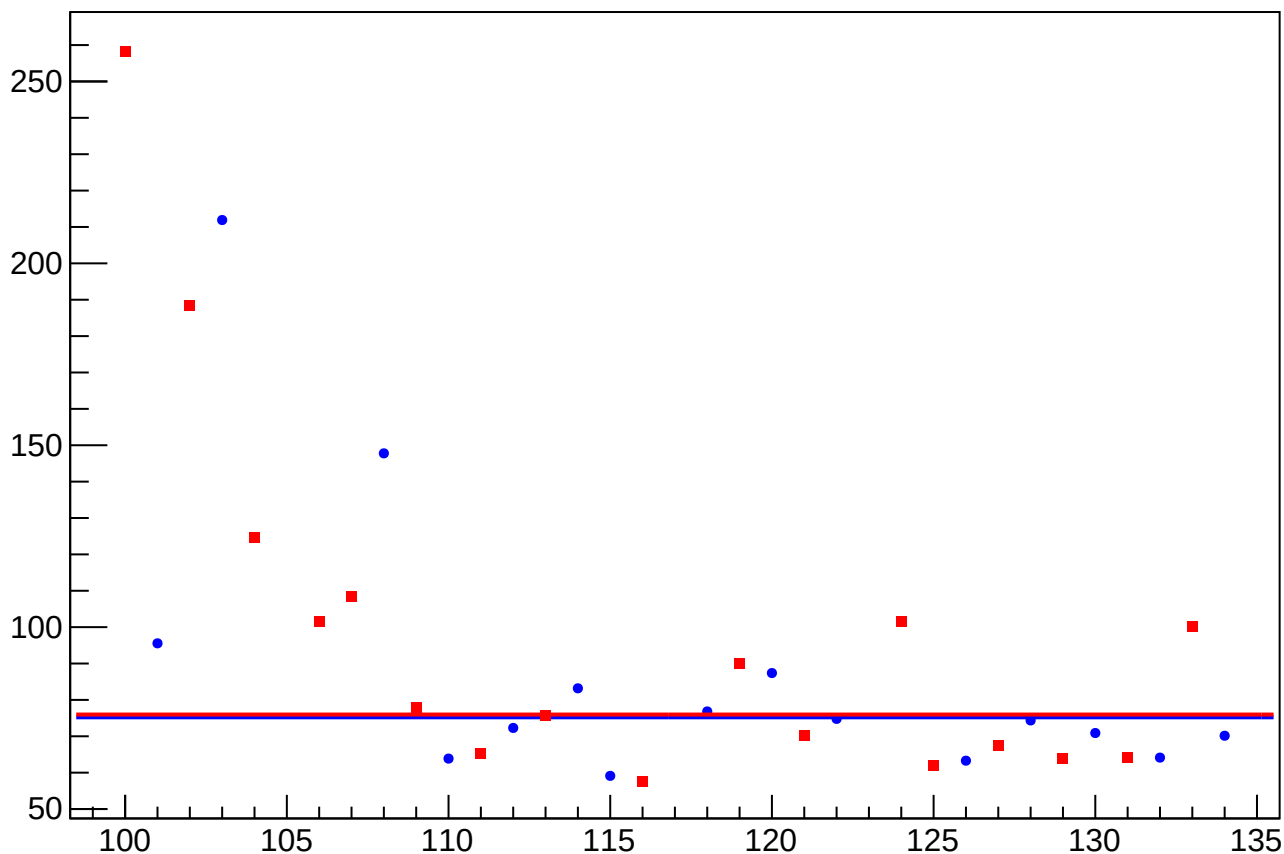
Right: 40.625+/-22.126 χ^2/NDF : 39.5/31

In: 44.135+/-31.486 χ^2/NDF : 22.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.625+/-22.126 χ^2/NDF : 39.5/31

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 75.215+/-0.022 χ^2/NDF : 853272.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.974+/-0.022 χ^2/NDF : 1010236.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

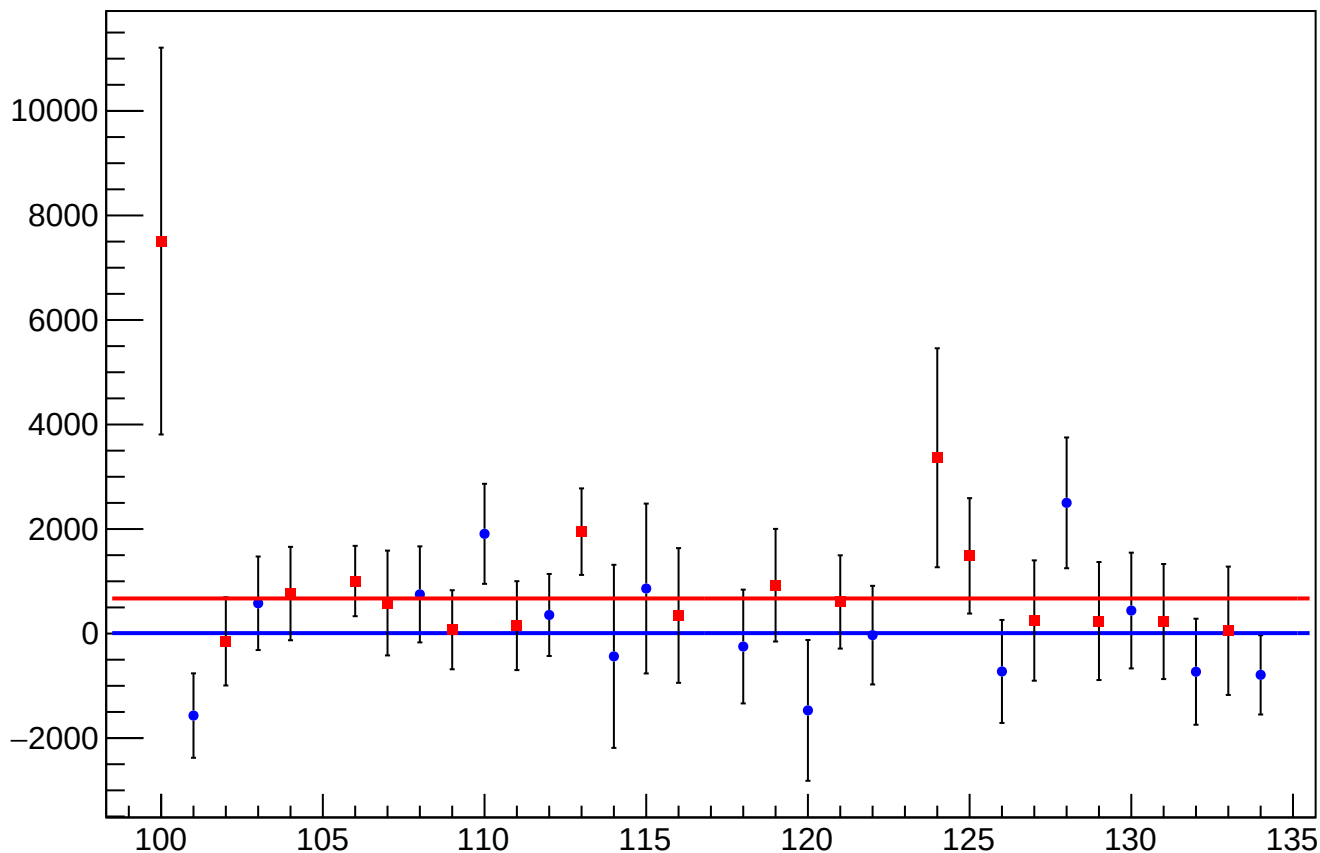
Right: 75.599+/-0.016 χ^2/NDF : 1864097.4/31

In: 75.215+/-0.022 χ^2/NDF : 853272.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.599+/-0.016 χ^2/NDF : 1864097.4/31

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 8.513+/-257.394 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.895+/-240.324 χ^2/NDF : 11.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

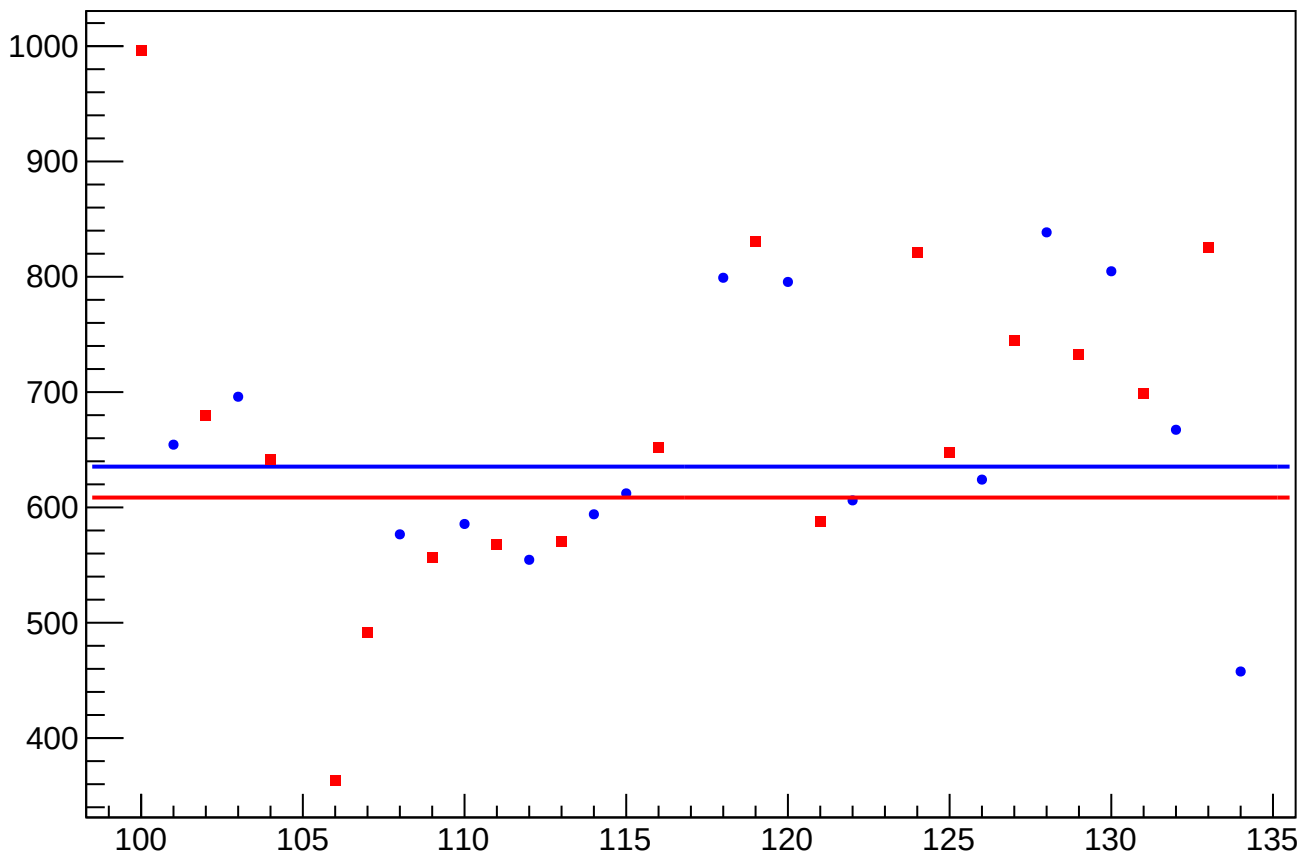
Right: 362.930+/-175.660 χ^2/NDF : 31.5/31

In: 8.513+/-257.394 χ^2/NDF : 16.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.930+/-175.660 χ^2/NDF : 31.5/31

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 635.379+/-0.182 χ^2/NDF : 333355.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 608.554+/-0.170 χ^2/NDF : 589044.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

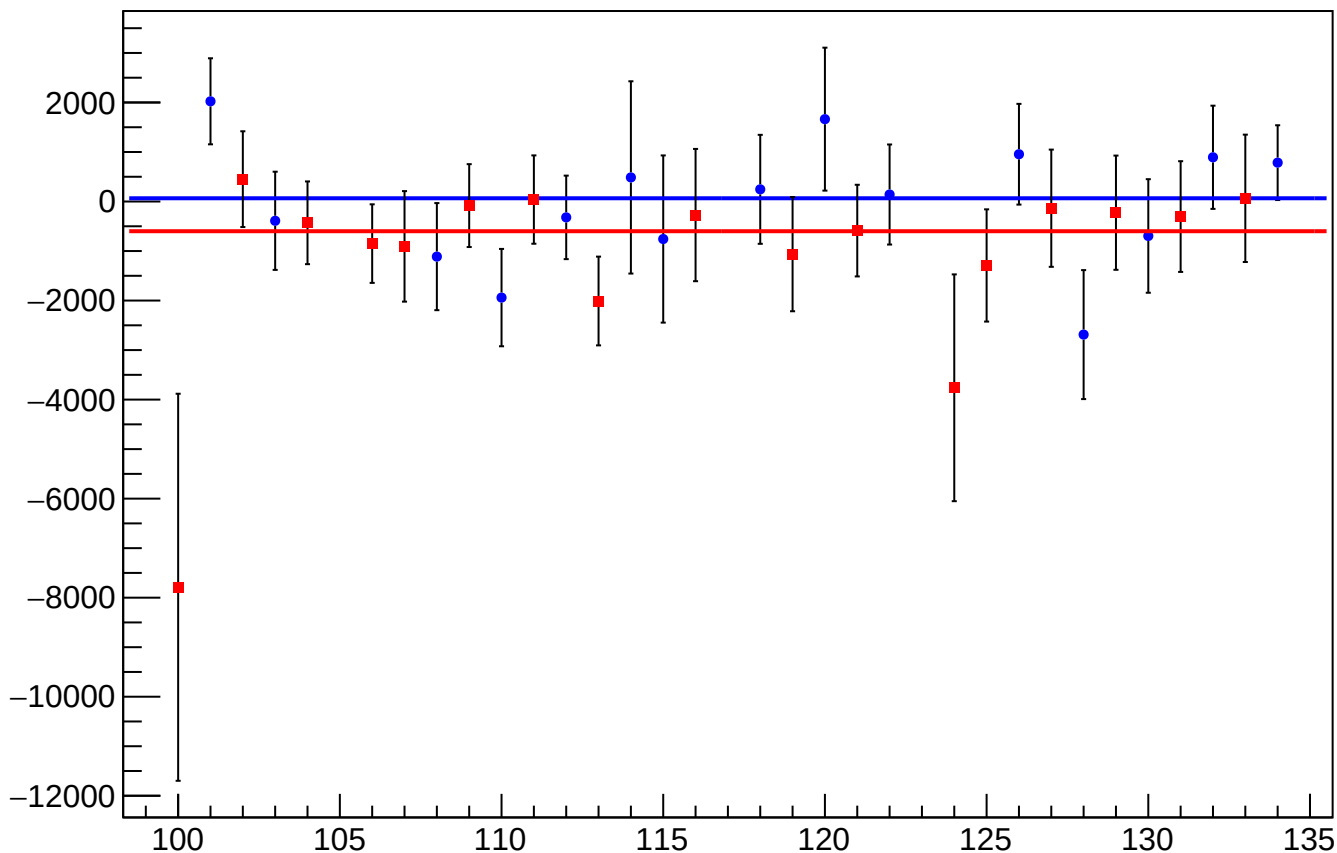
Right: 621.048+/-0.124 χ^2/NDF : 934005.0/31

In: 635.379+/-0.182 χ^2/NDF : 333355.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.048+/-0.124 χ^2/NDF : 934005.0/31

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 65.571 ± 271.843 $\chi^2/\text{NDF}: 19.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -599.698 ± 256.409 $\chi^2/\text{NDF}: 11.2/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

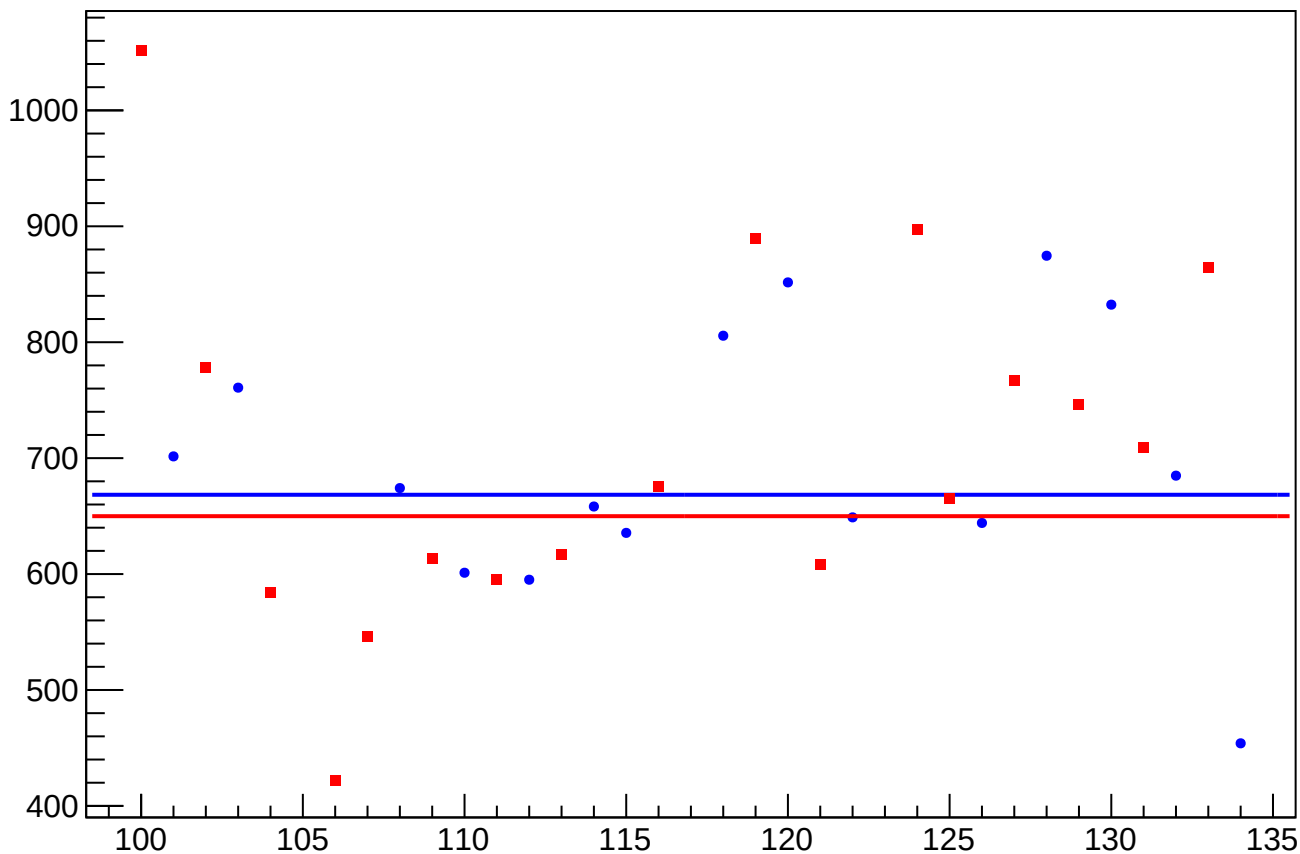
Right: -286.484 ± 186.526 $\chi^2/\text{NDF}: 34.0/31$

In: 65.571 ± 271.843 $\chi^2/\text{NDF}: 19.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -286.484 ± 186.526 $\chi^2/\text{NDF}: 34.0/31$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 668.405+/-0.192 χ^2/NDF : 363616.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 649.933+/-0.181 χ^2/NDF : 473842.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

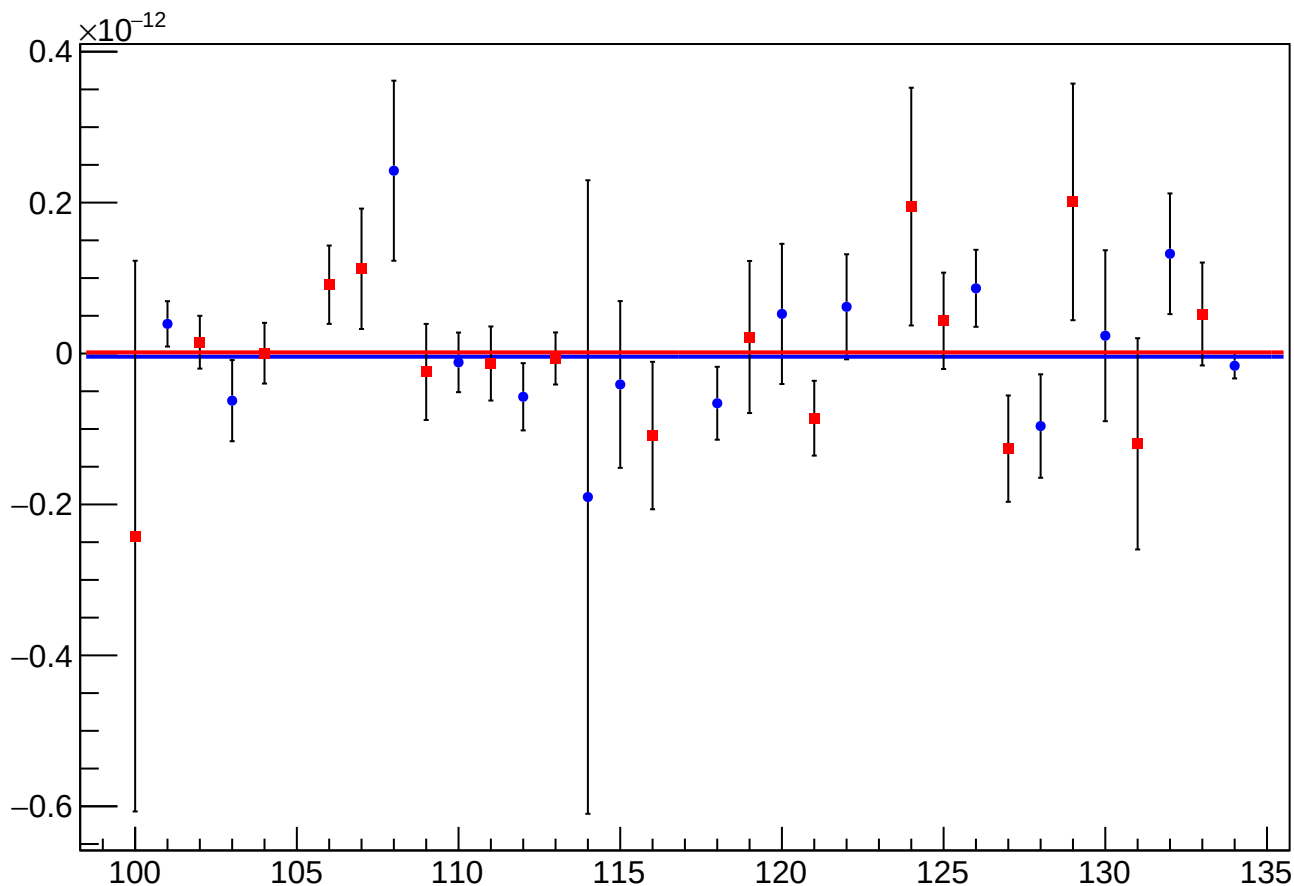
Right: 658.630+/-0.132 χ^2/NDF : 842345.7/31

In: 668.405+/-0.192 χ^2/NDF : 363616.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.630+/-0.132 χ^2/NDF : 842345.7/31

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

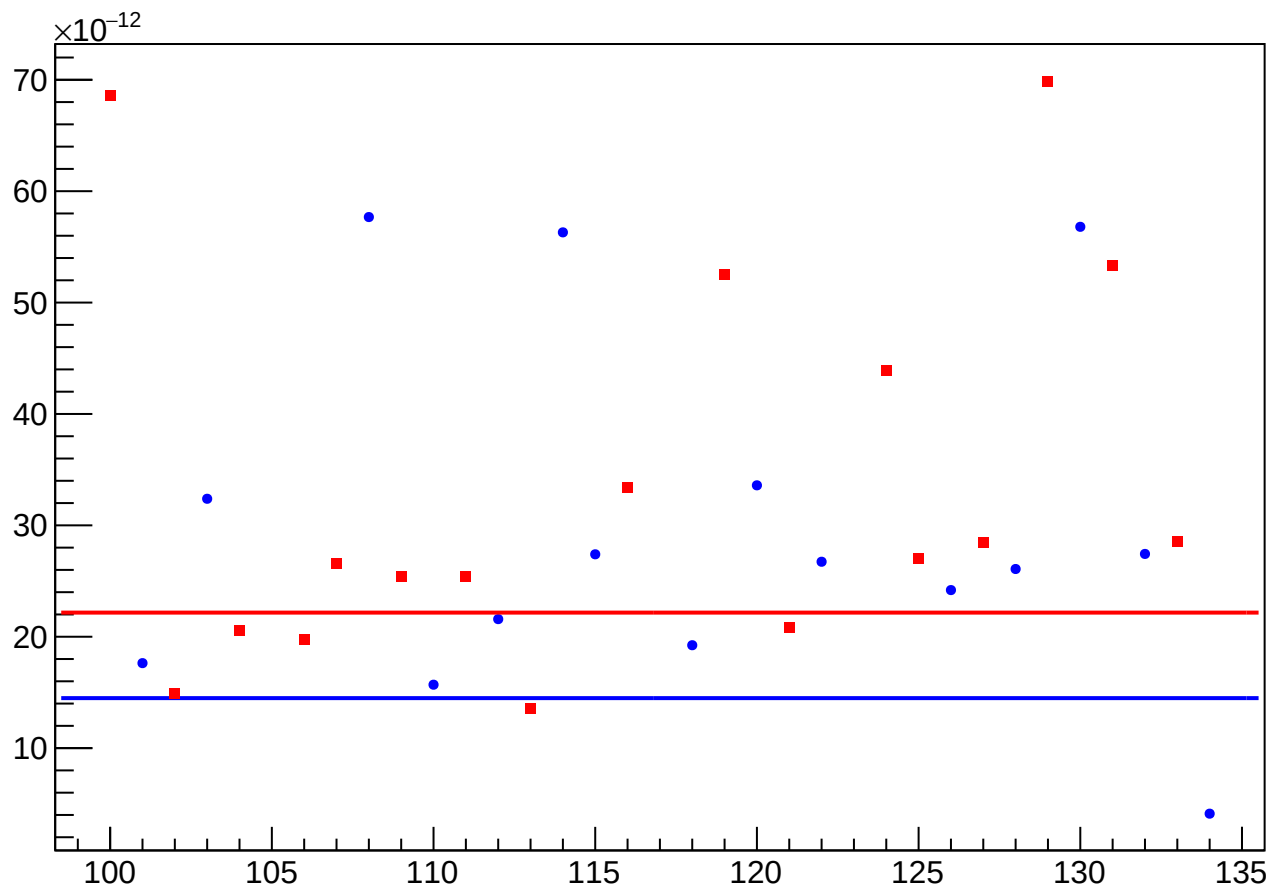
Right: -0.000+/-0.000 χ^2/NDF : 39.1/31

In: -0.000+/-0.000 χ^2/NDF : 20.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.1/31

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1991921.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 847548.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

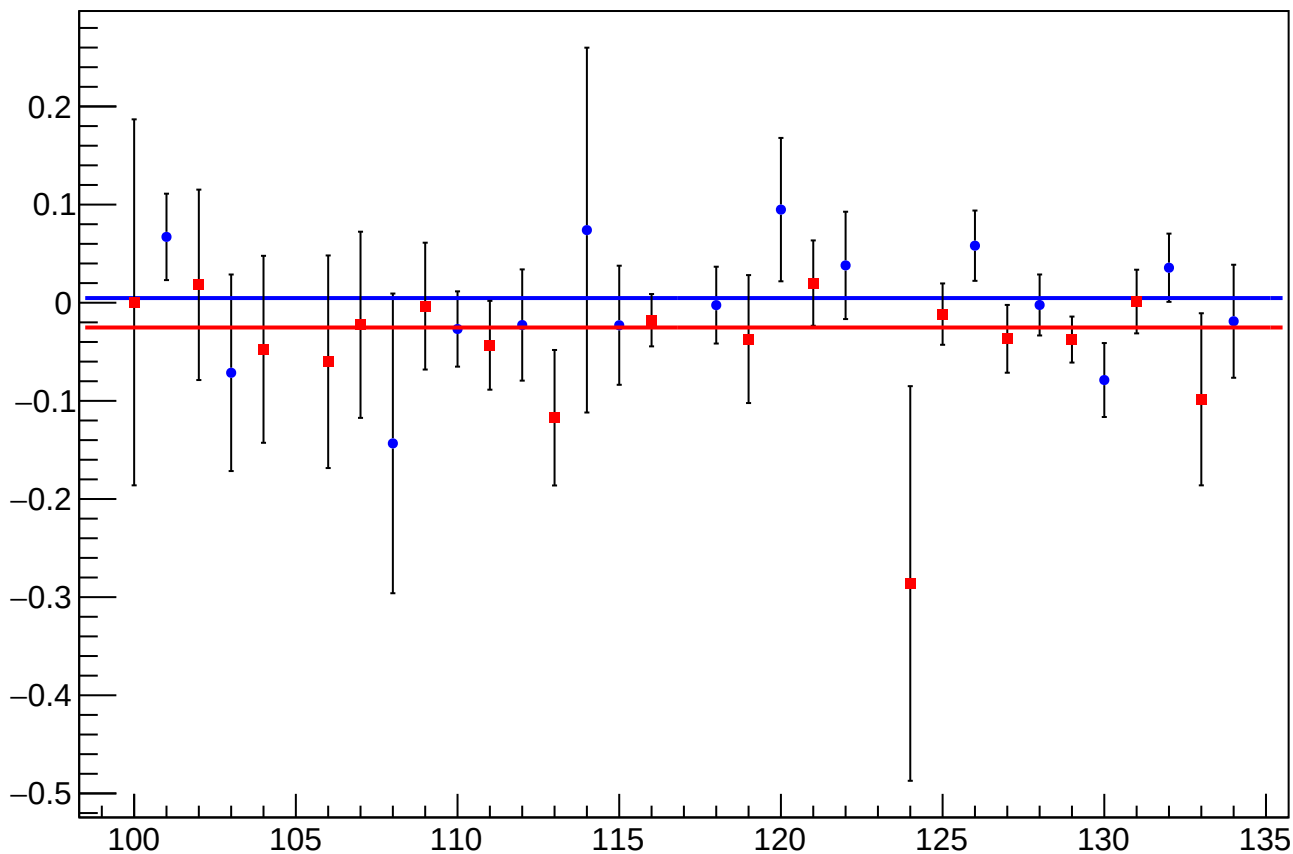
Right: 0.000+/-0.000 χ^2/NDF : 3194412.1/31

In: 0.000+/-0.000 χ^2/NDF : 1991921.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3194412.1/31

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

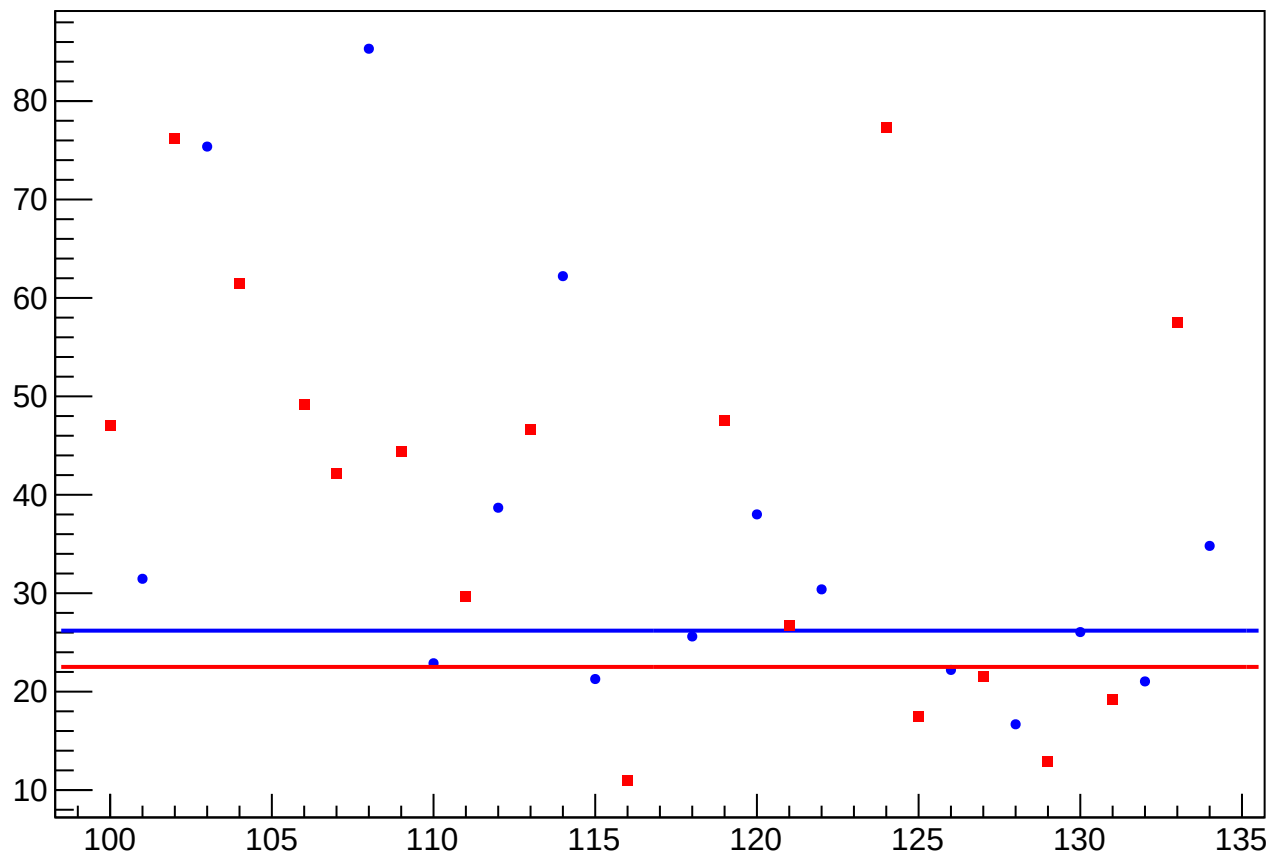
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

In: 0.005 $\pm$ 0.012 χ^2 /NDF:14.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.196 $\pm$ 0.009 χ^2 /NDF: 1376661.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.511 $\pm$ 0.008 χ^2 /NDF: 3282202.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

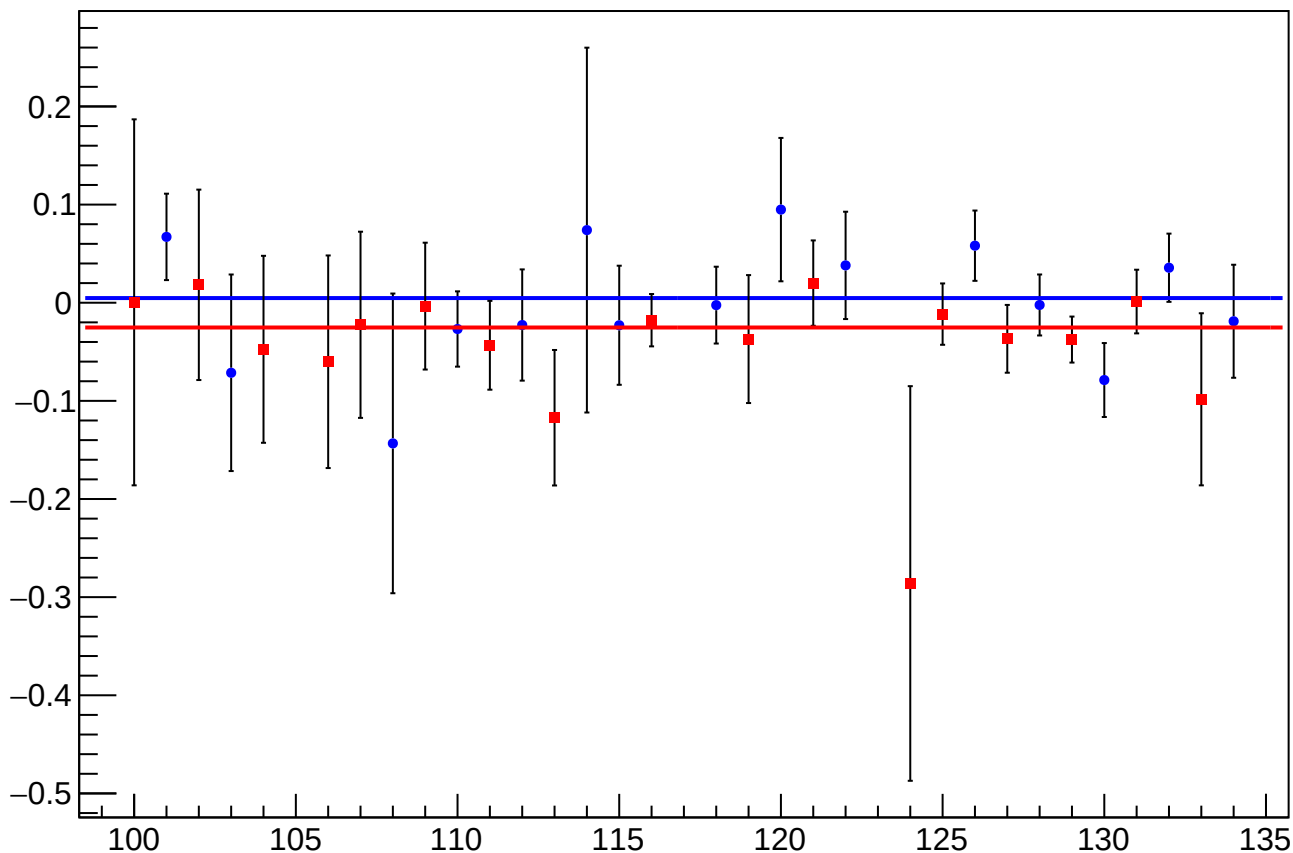
Right: 24.163 $\pm$ 0.006 χ^2 /NDF: 4760326.1/31

In: 26.196 $\pm$ 0.009 χ^2 /NDF:1376661.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.163 $\pm$ 0.006 χ^2 /NDF: 4760326.1/31

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

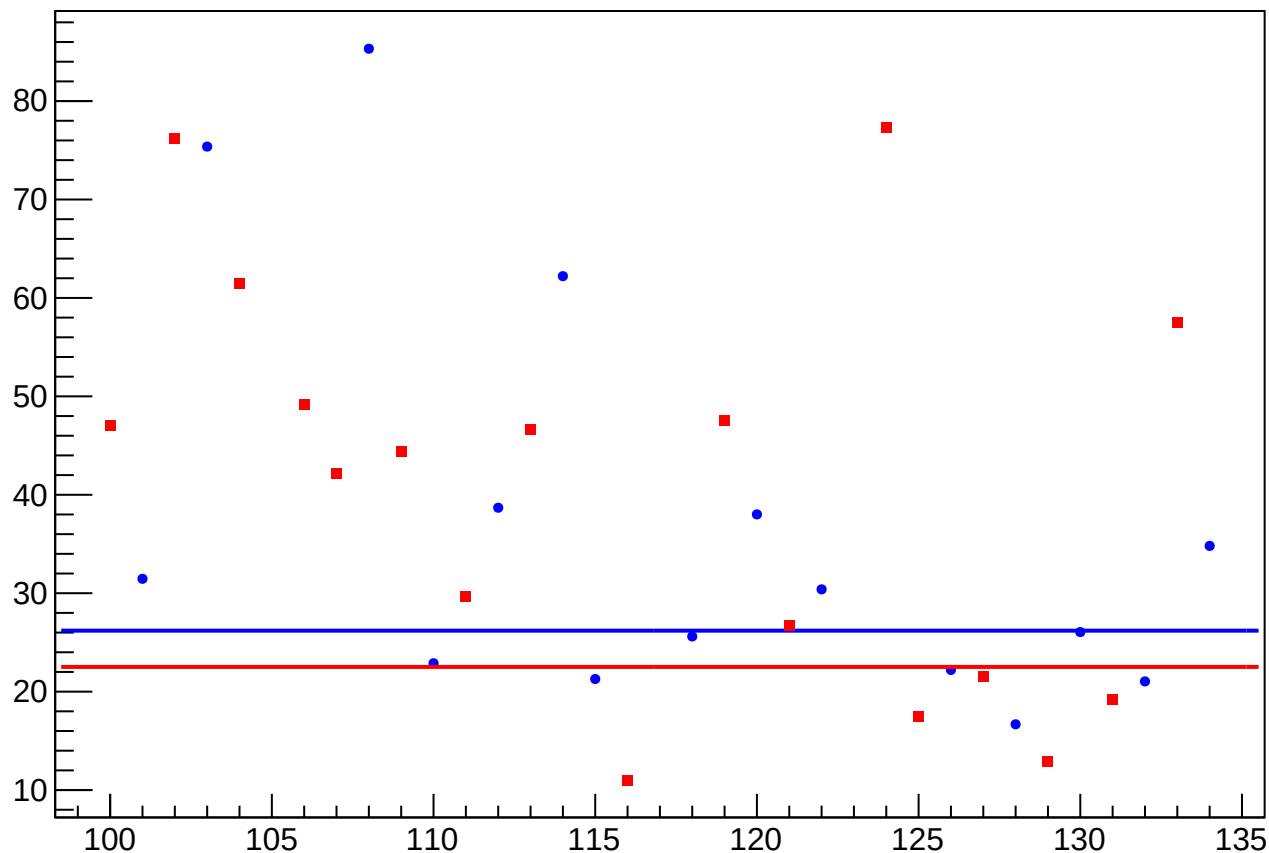
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

In: 0.005 $\pm$ 0.012 χ^2 /NDF:14.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.196+/-0.009 χ^2/NDF : 1376661.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.511+/-0.008 χ^2/NDF : 3282202.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

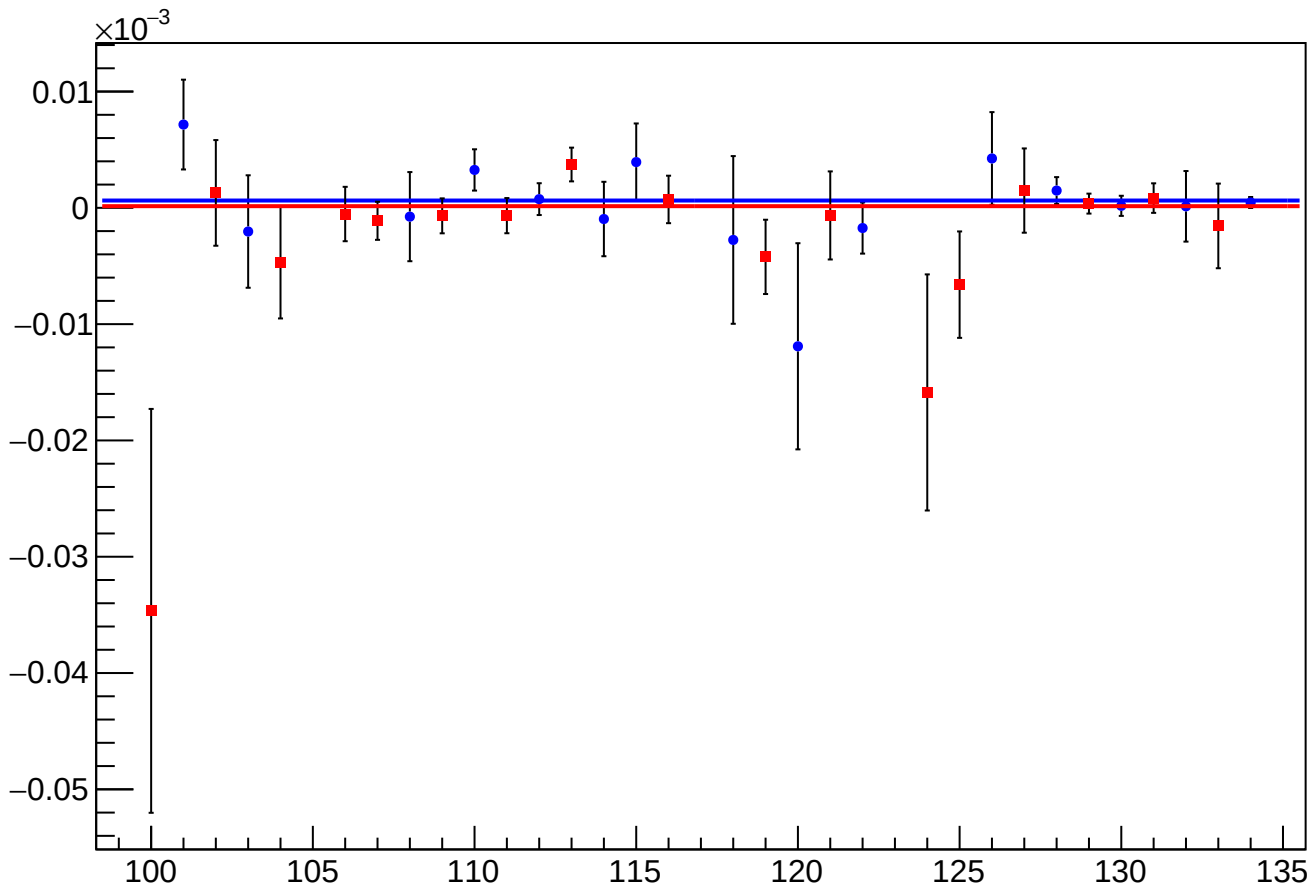
Right: 24.163+/-0.006 χ^2/NDF : 4760326.1/31

In: 26.196+/-0.009 χ^2/NDF : 1376661.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.163+/-0.006 χ^2/NDF : 4760326.1/31

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

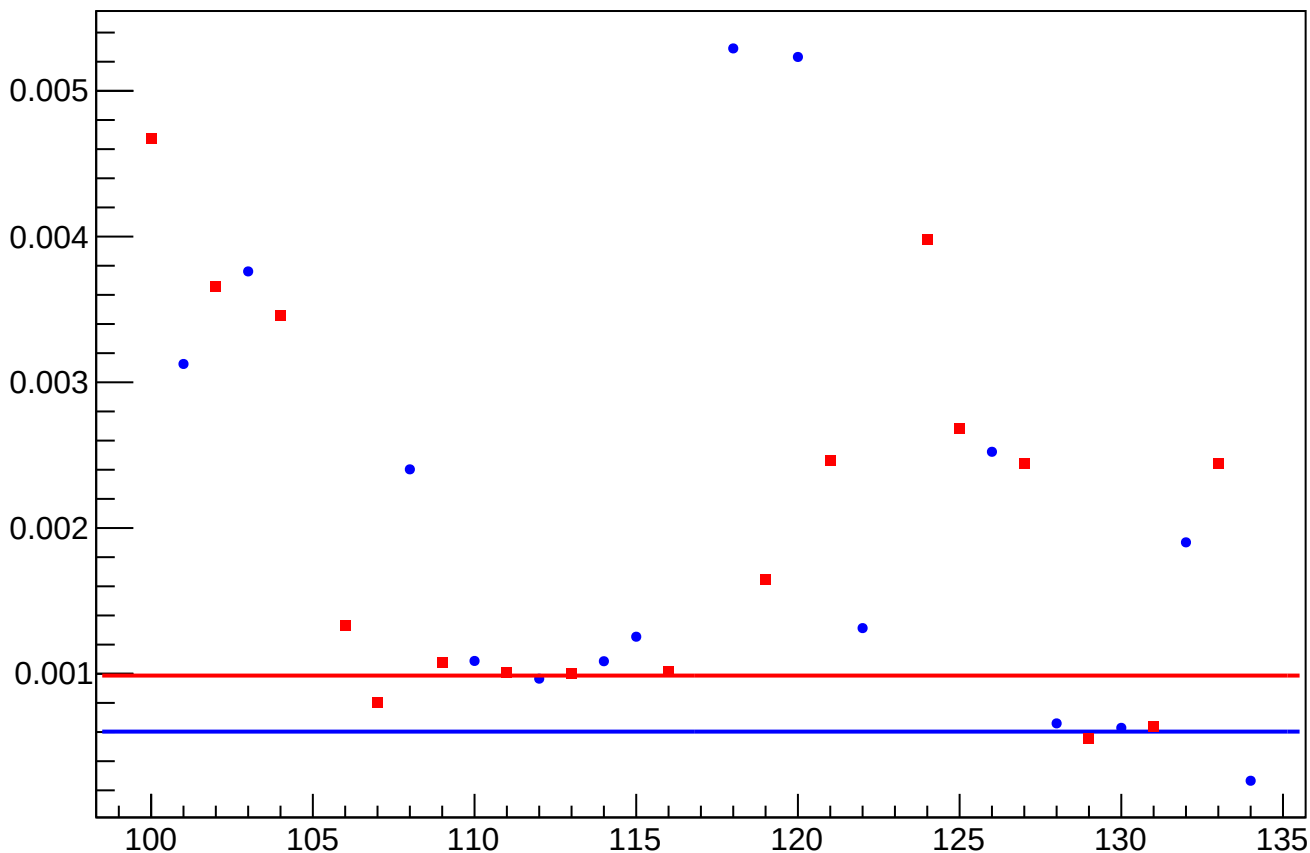
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.5/31

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.5/31

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 6020451.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3523310.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

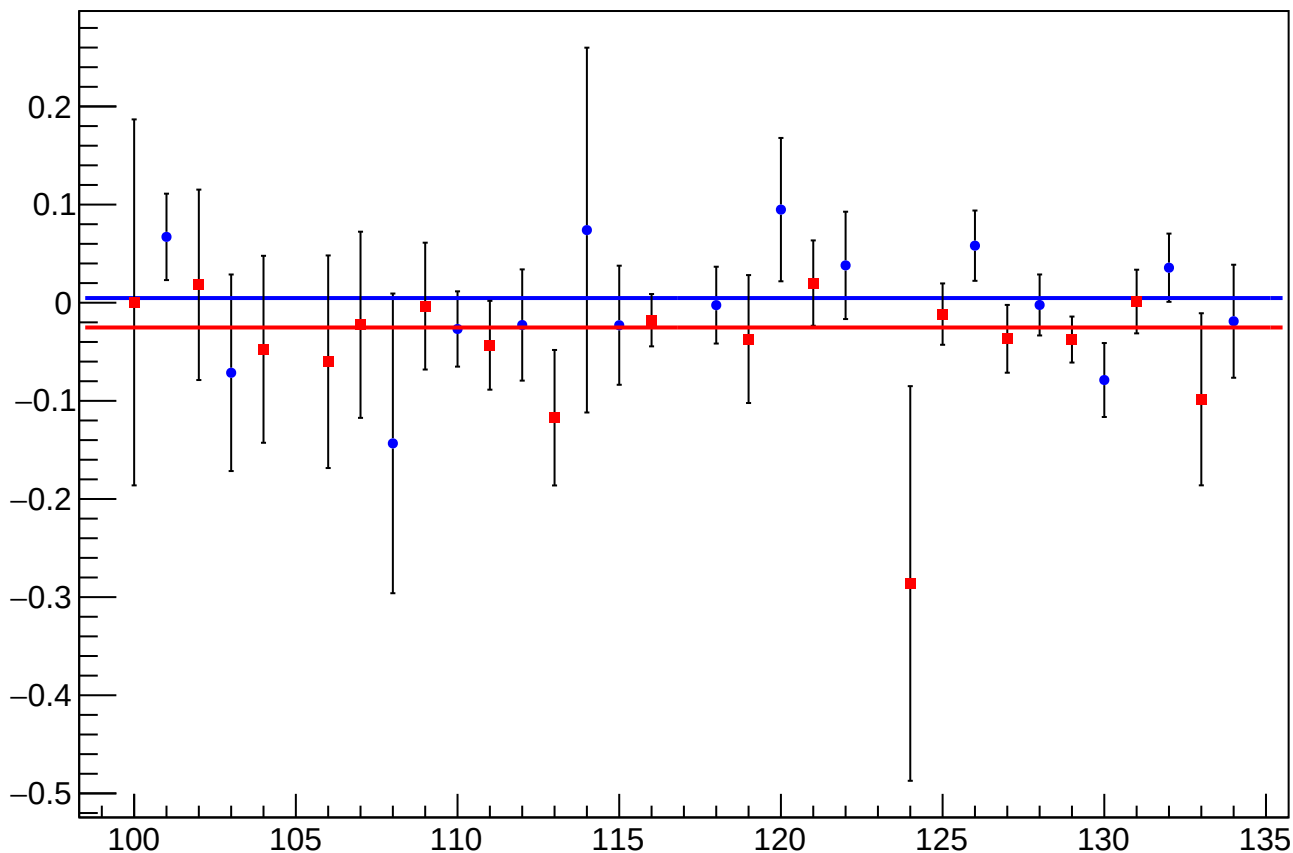
Right: 0.001+/-0.000 χ^2/NDF : 10415561.6/31

In: 0.001+/-0.000 χ^2/NDF :6020451.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10415561.6/31

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

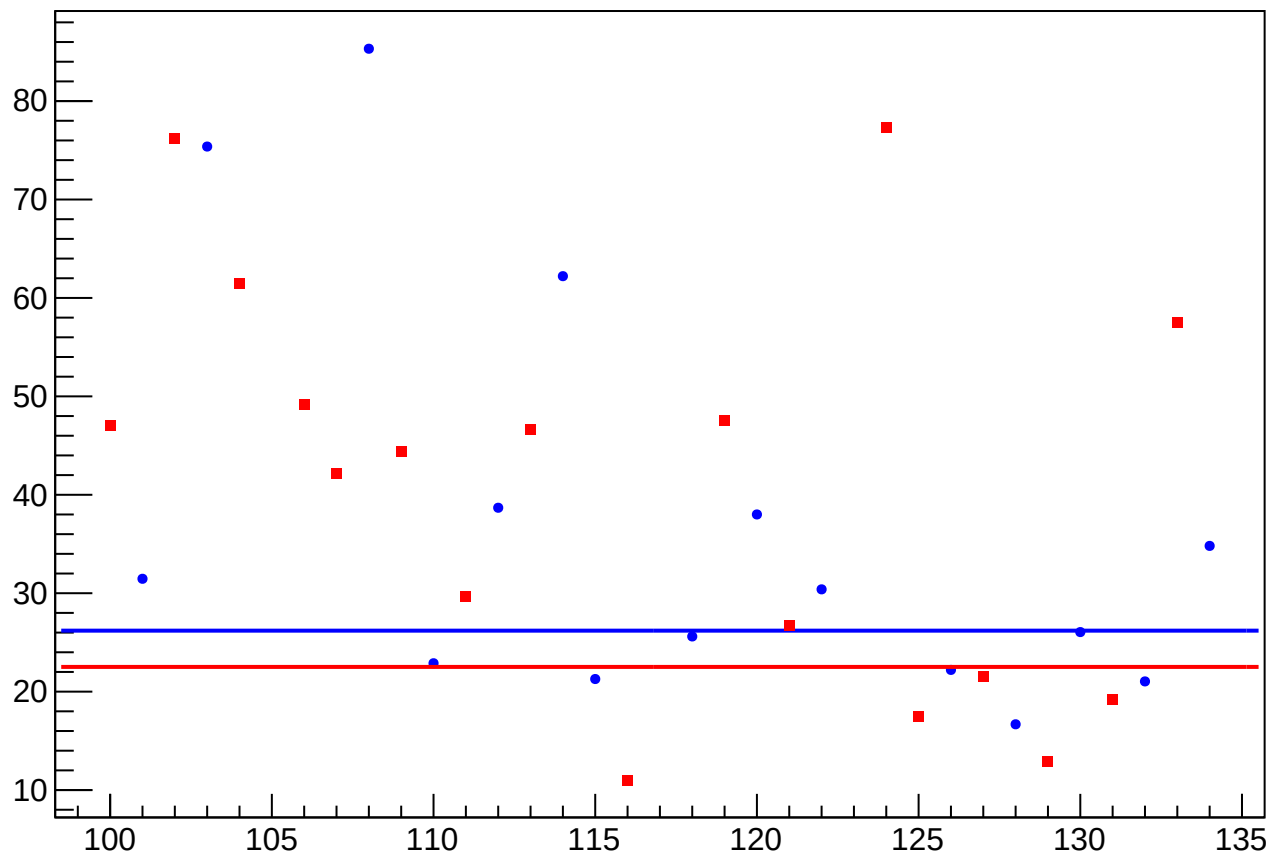
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

In: 0.005 $\pm$ 0.012 χ^2 /NDF:14.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.196+/-0.009 χ^2/NDF : 1376603.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.512+/-0.008 χ^2/NDF : 3282061.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

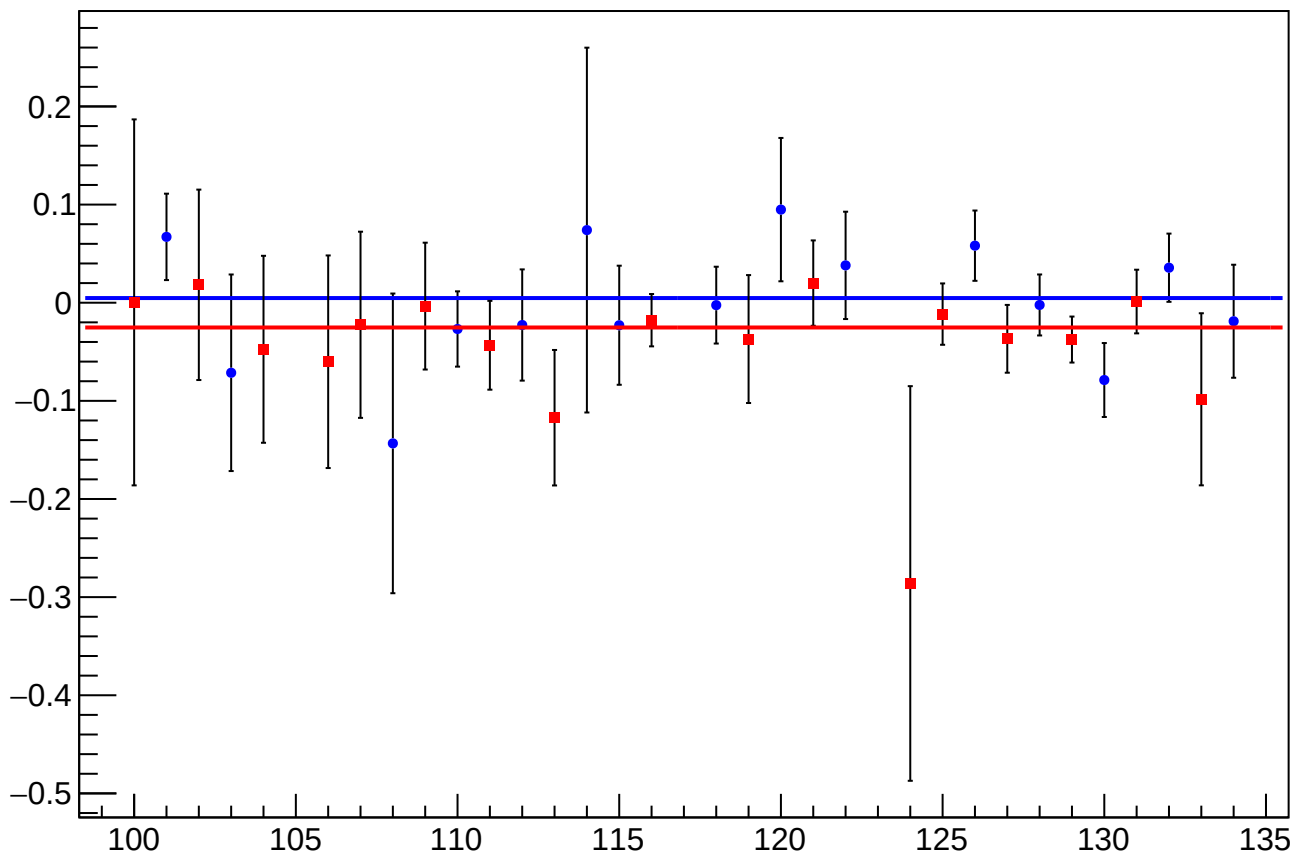
Right: 24.164+/-0.006 χ^2/NDF : 4760125.7/31

In: 26.196+/-0.009 χ^2/NDF :1376603.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.164+/-0.006 χ^2/NDF : 4760125.7/31

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

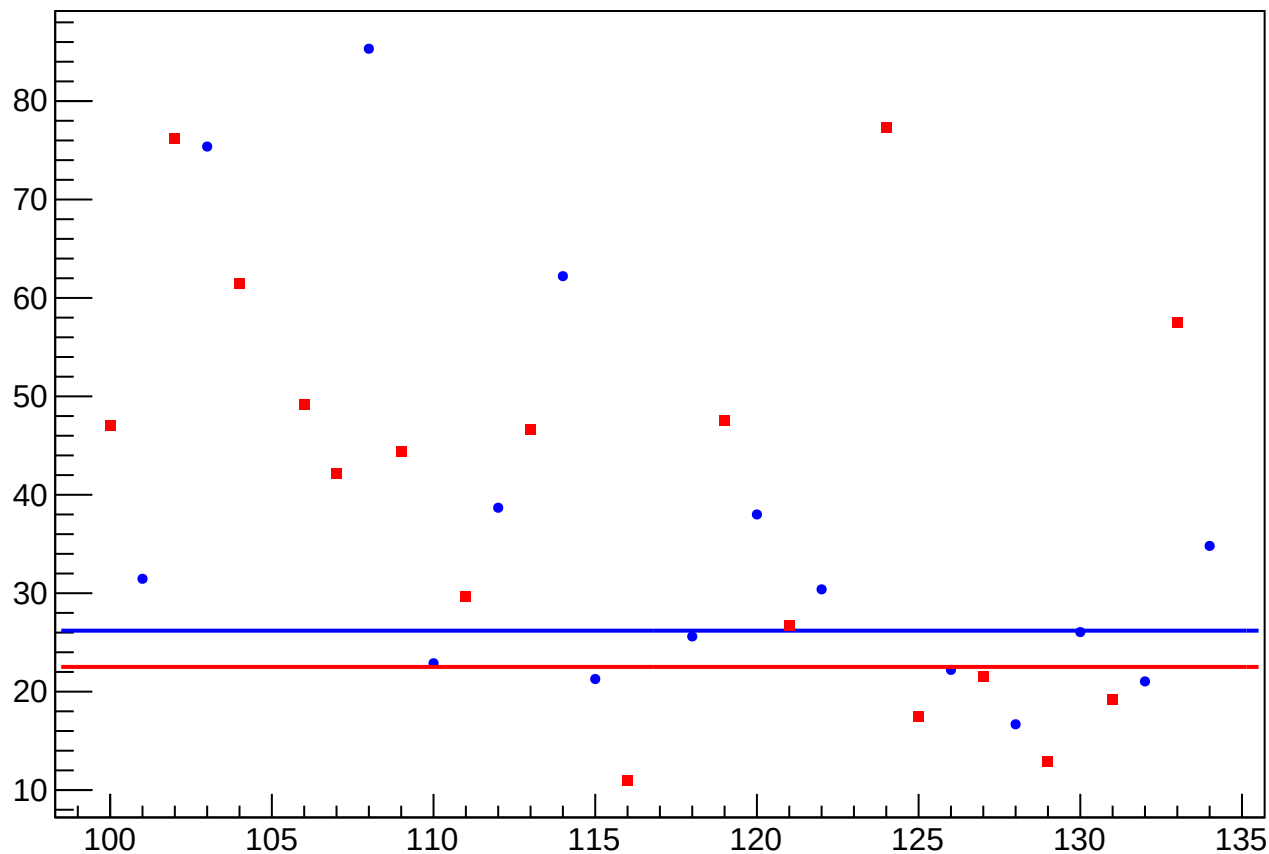
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

In: 0.005 $\pm$ 0.012 χ^2 /NDF:14.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 25.5/31

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.196+/-0.009 χ^2/NDF : 1376603.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.512+/-0.008 χ^2/NDF : 3282061.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

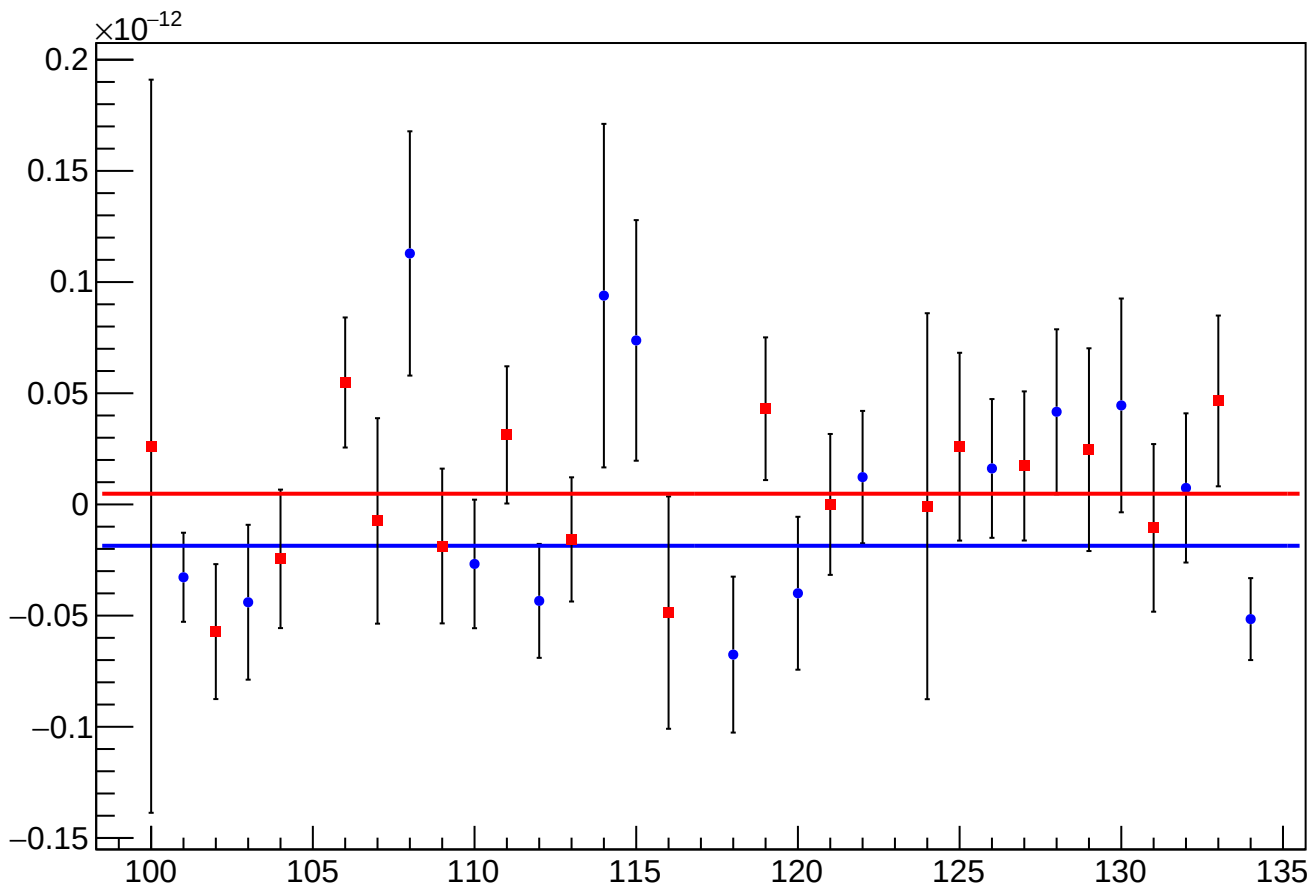
Right: 24.164+/-0.006 χ^2/NDF : 4760125.7/31

In: 26.196+/-0.009 χ^2/NDF :1376603.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.164+/-0.006 χ^2/NDF : 4760125.7/31

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 25.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

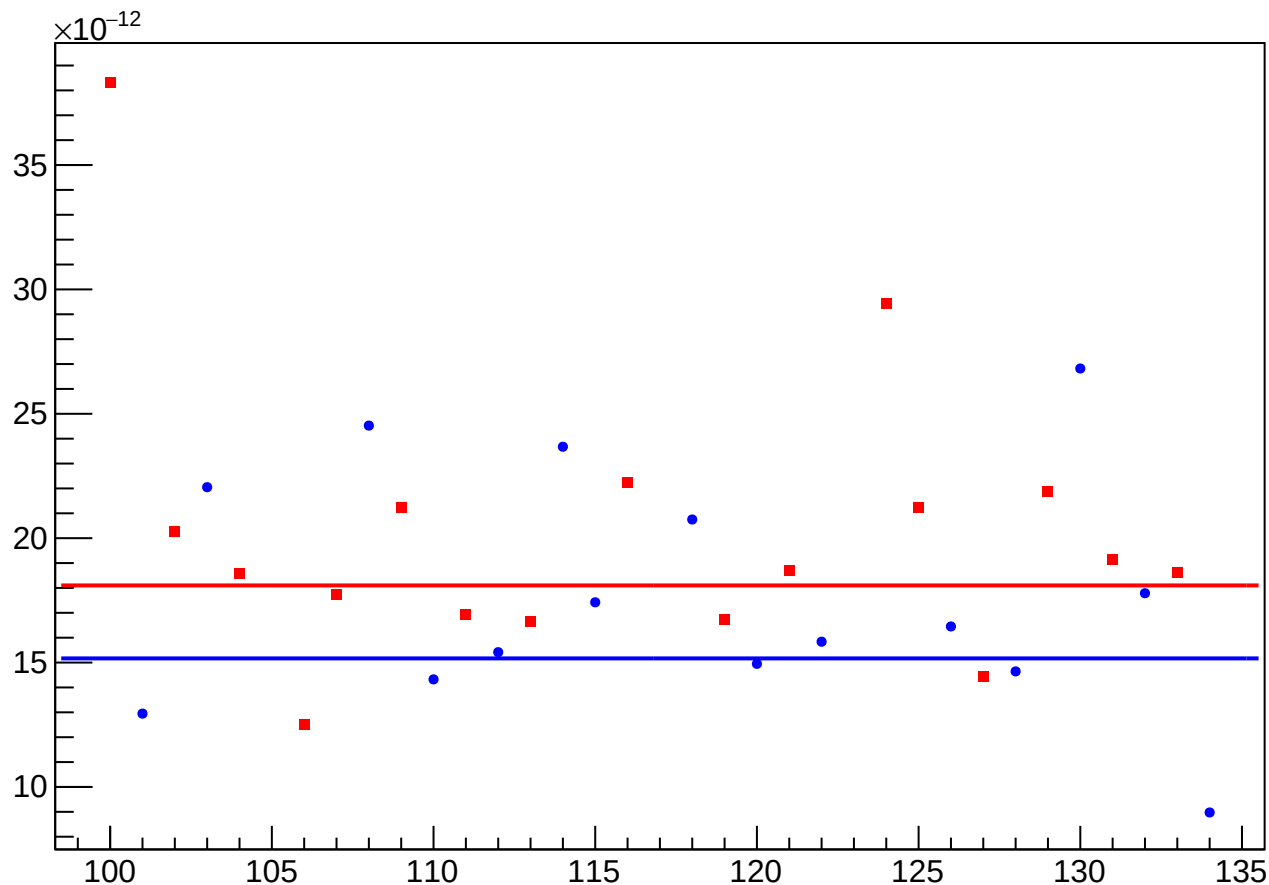
Right: -0.000+/-0.000 χ^2/NDF : 43.7/31

In: -0.000+/-0.000 χ^2/NDF : 25.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.7/31

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 601625.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240195.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

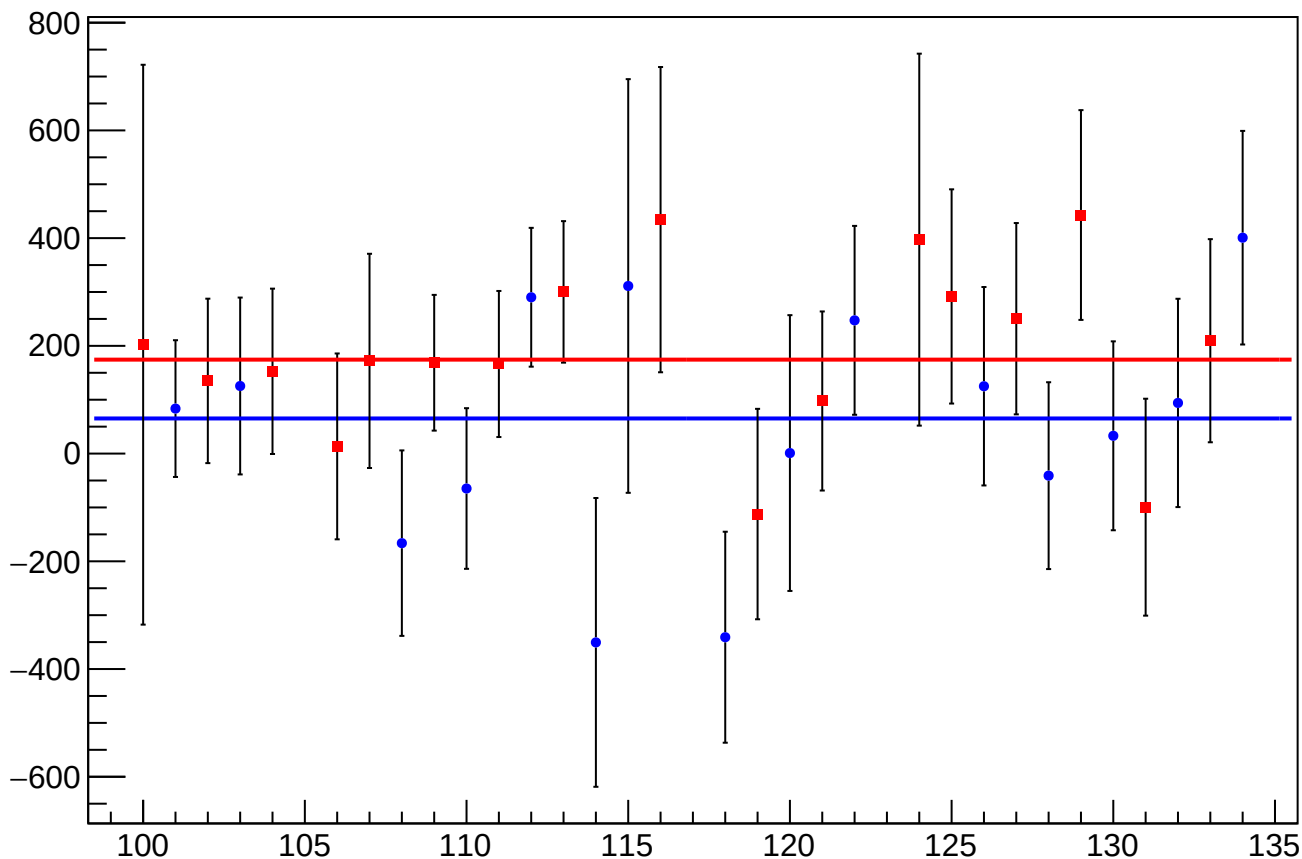
Right: 0.000+/-0.000 χ^2/NDF : 962807.8/31

In: 0.000+/-0.000 χ^2/NDF : 601625.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 962807.8/31

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 65.198+/-45.642 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.422+/-42.927 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

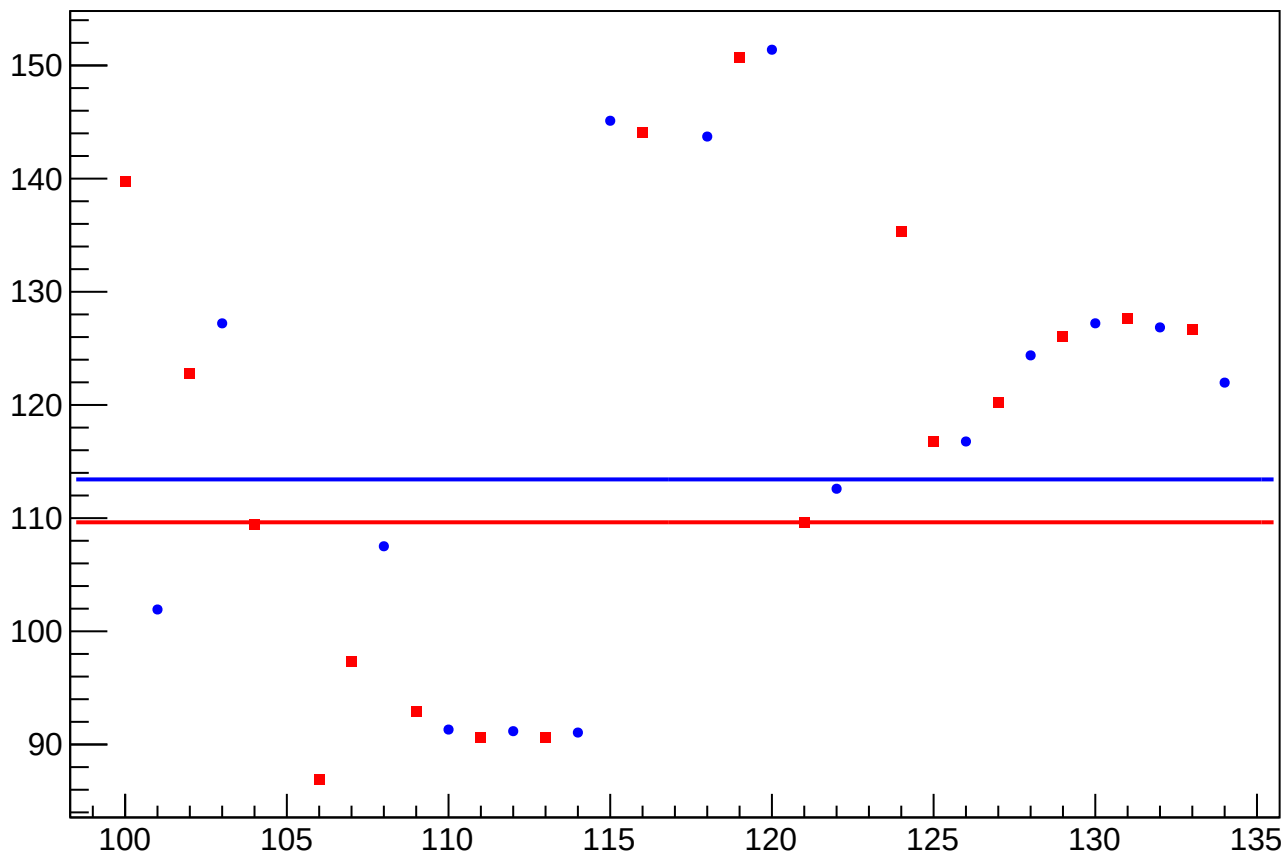
Right: 123.155+/-31.270 χ^2/NDF : 30.3/31

In: 65.198+/-45.642 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.155+/-31.270 χ^2/NDF : 30.3/31

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 113.421+/-0.032 χ^2/NDF : 290230.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.633+/-0.030 χ^2/NDF : 365758.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

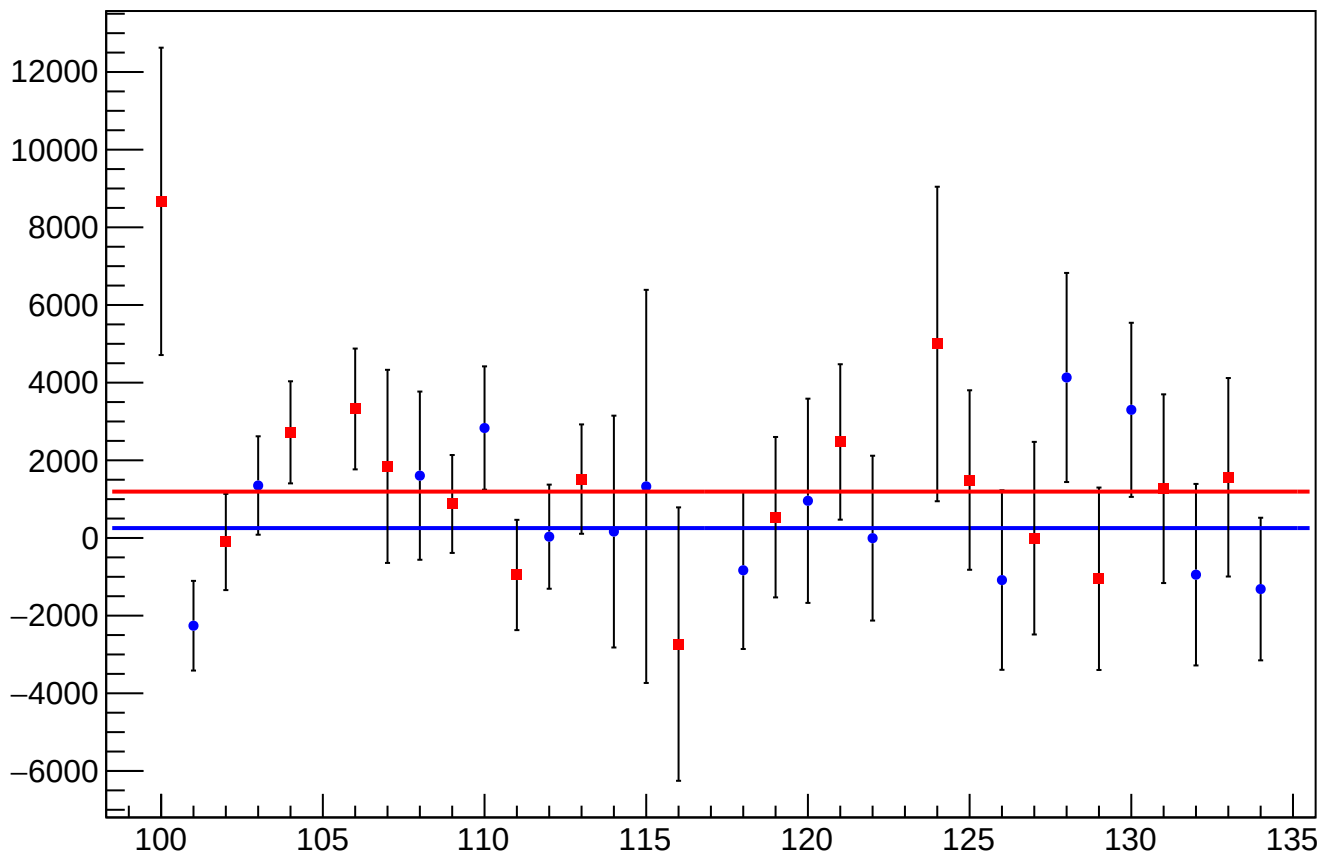
Right: 111.411+/-0.022 χ^2/NDF : 663302.7/31

In: 113.421+/-0.032 χ^2/NDF : 290230.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.411+/-0.022 χ^2/NDF : 663302.7/31

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 254.692 $\pm$ 482.047 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1194.017 $\pm$ 448.243 χ^2 /NDF: 14.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

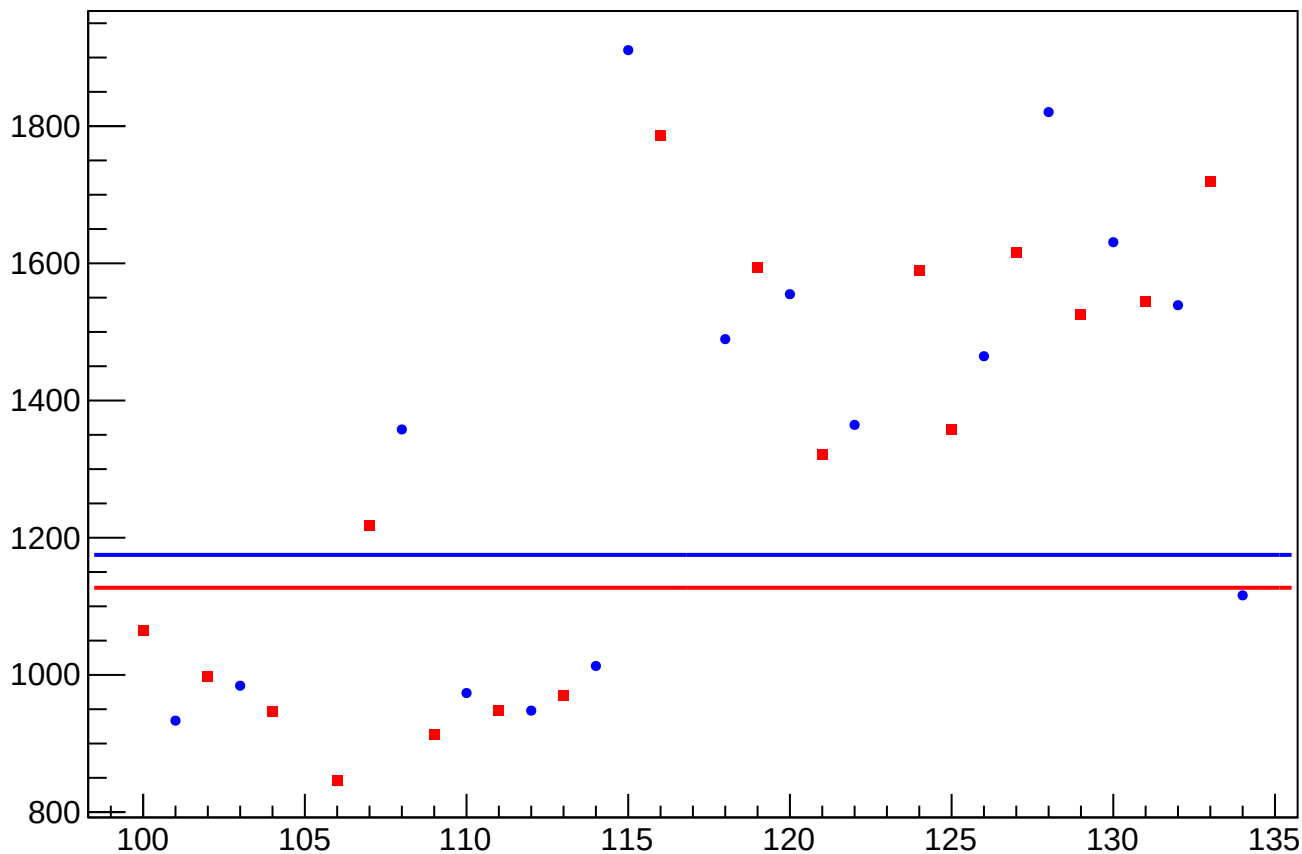
Right: 758.443 $\pm$ 328.256 χ^2 /NDF: 30.4/31

In: 254.692 $\pm$ 482.047 χ^2 /NDF:14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 758.443 $\pm$ 328.256 χ^2 /NDF: 30.4/31

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1174.983+/-0.341 χ^2/NDF : 670215.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.083+/-0.317 χ^2/NDF : 779541.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

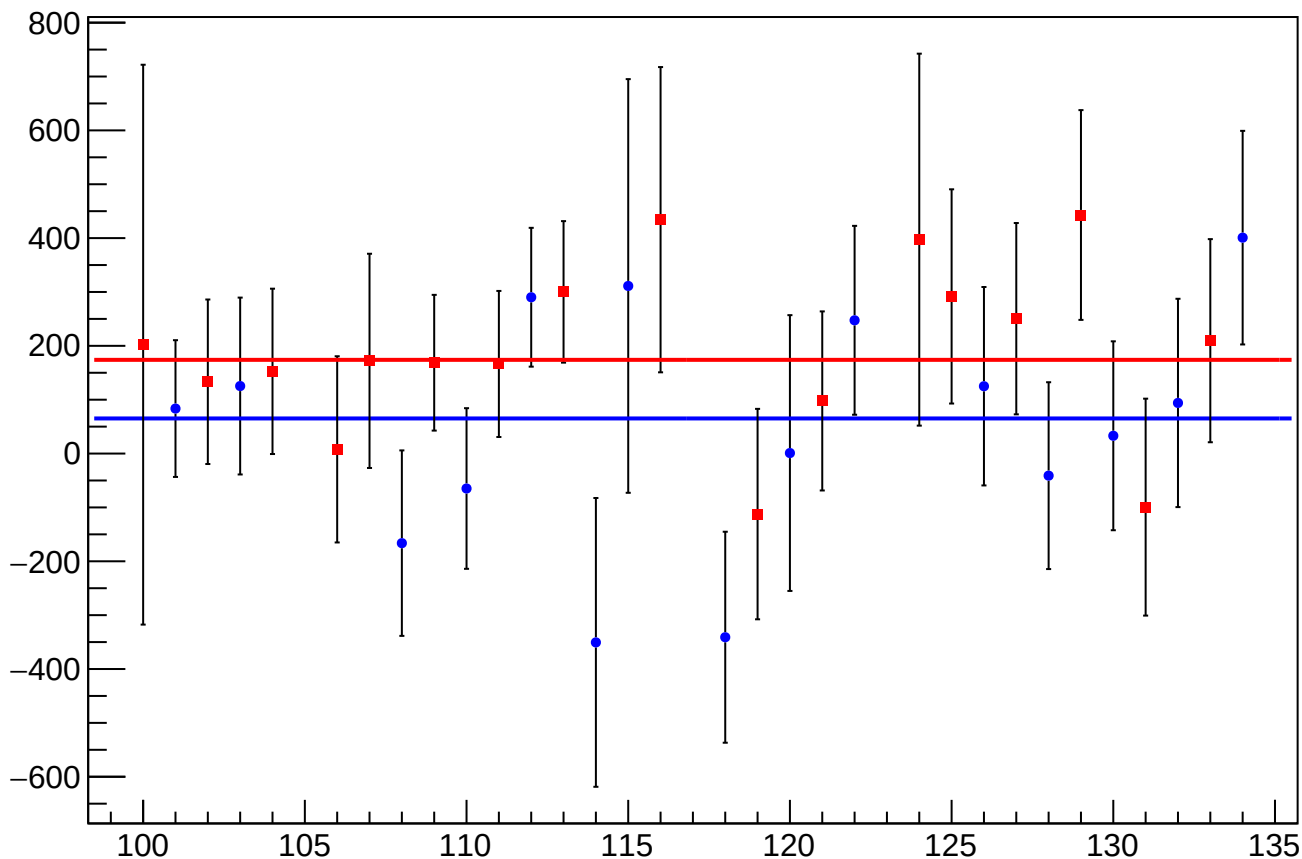
Right: 1149.295+/-0.232 χ^2/NDF : 1460347.8/31

In: 1174.983+/-0.341 χ^2/NDF : 670215.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.295+/-0.232 χ^2/NDF : 1460347.8/31

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 65.181+/-45.642 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.983+/-42.933 χ^2/NDF : 9.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

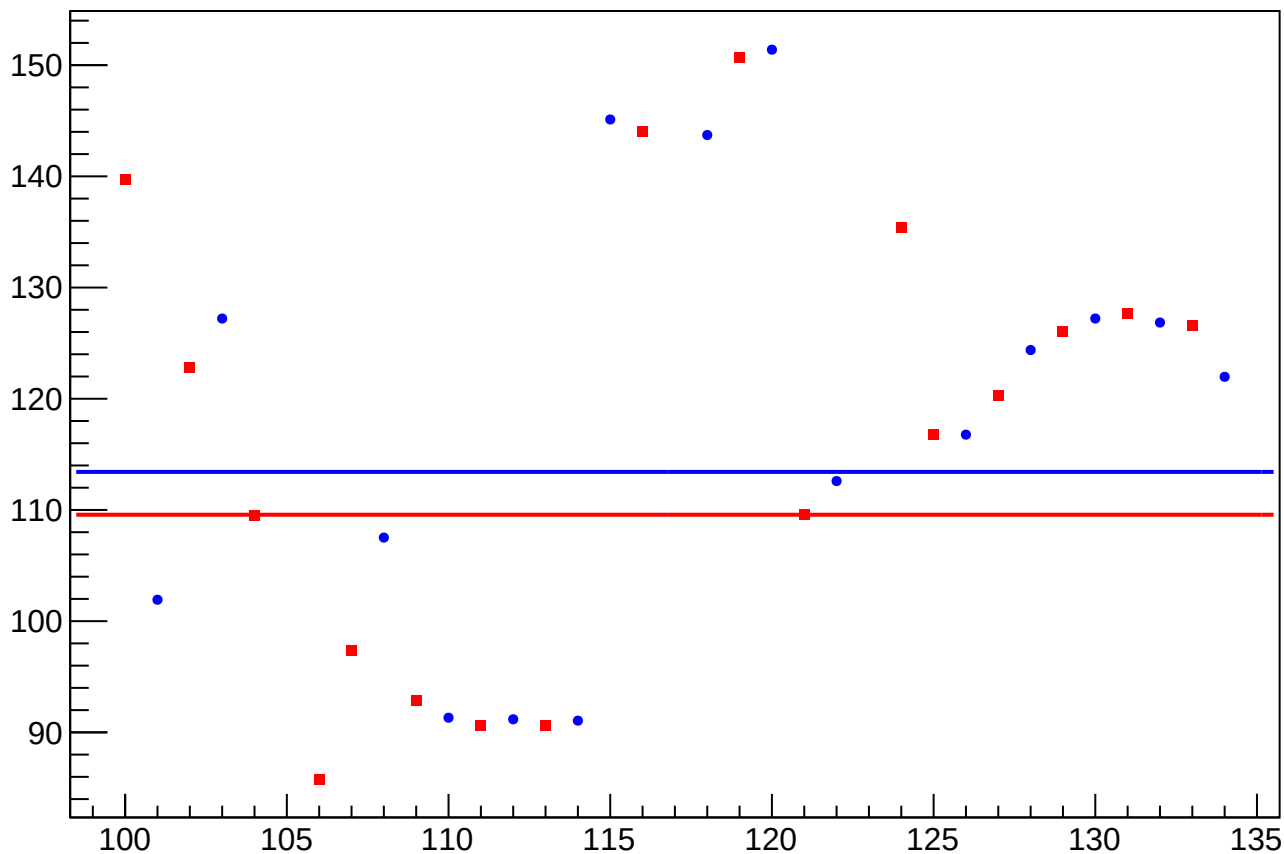
Right: 122.906+/-31.272 χ^2/NDF : 30.3/31

In: 65.181+/-45.642 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.906+/-31.272 χ^2/NDF : 30.3/31

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 113.422+/-0.032 χ^2/NDF : 290231.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.570+/-0.030 χ^2/NDF : 369289.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

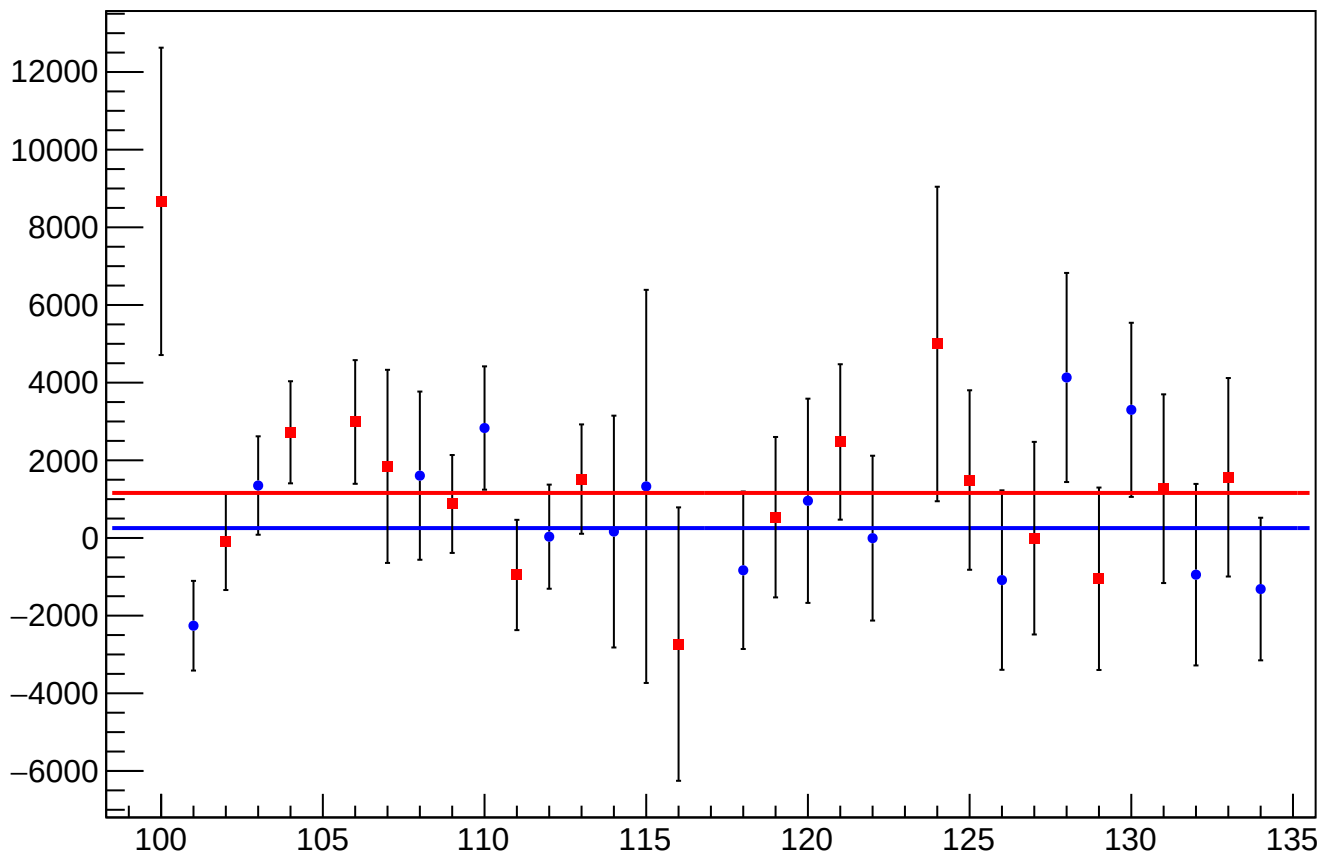
Right: 111.378+/-0.022 χ^2/NDF : 667076.7/31

In: 113.422+/-0.032 χ^2/NDF : 290231.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.378+/-0.022 χ^2/NDF : 667076.7/31

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 254.590+/-482.052 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1159.784+/-449.118 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

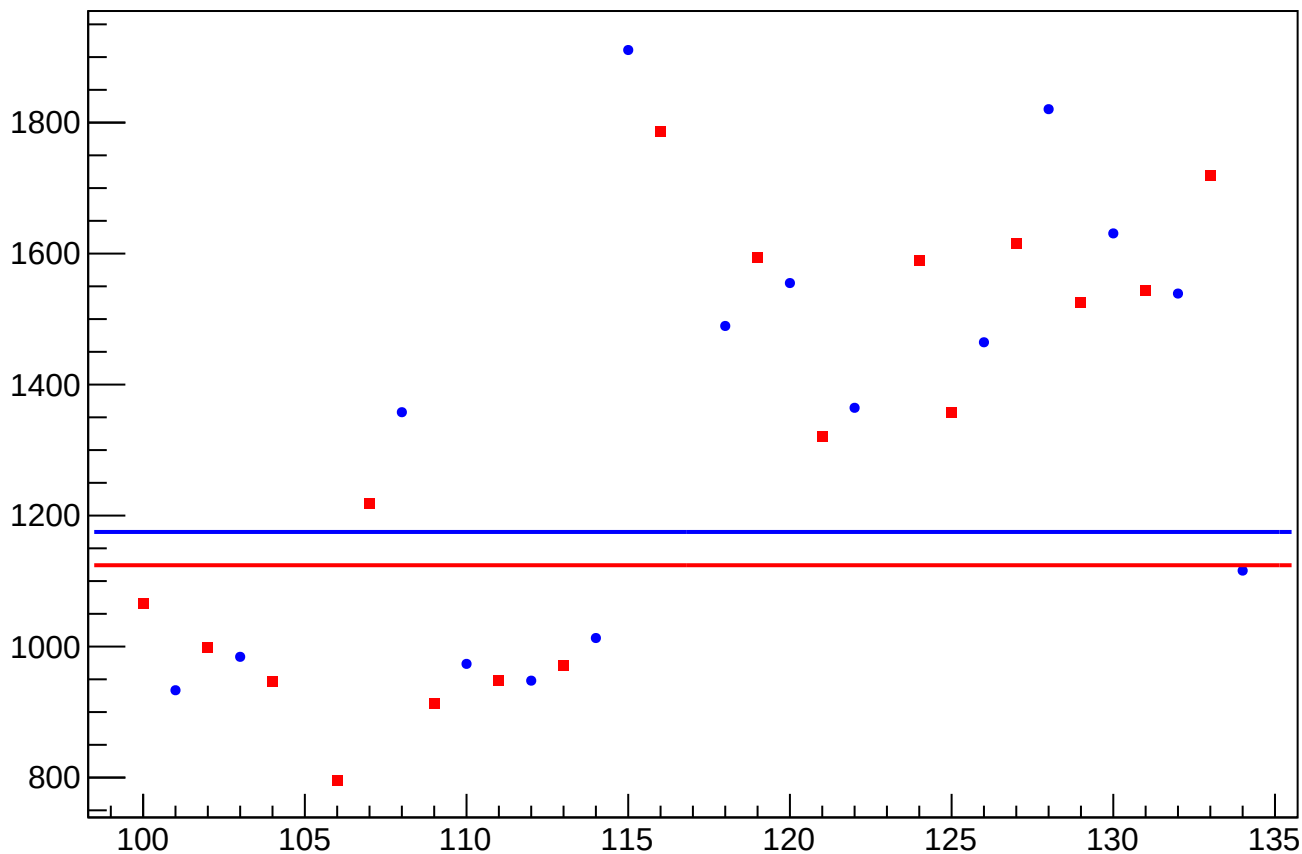
Right: 739.162+/-328.601 χ^2/NDF : 29.7/31

In: 254.590+/-482.052 χ^2/NDF : 14.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.162+/-328.601 χ^2/NDF : 29.7/31

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1174.995+/-0.341 χ^2/NDF : 670181.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.188+/-0.318 χ^2/NDF : 800722.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

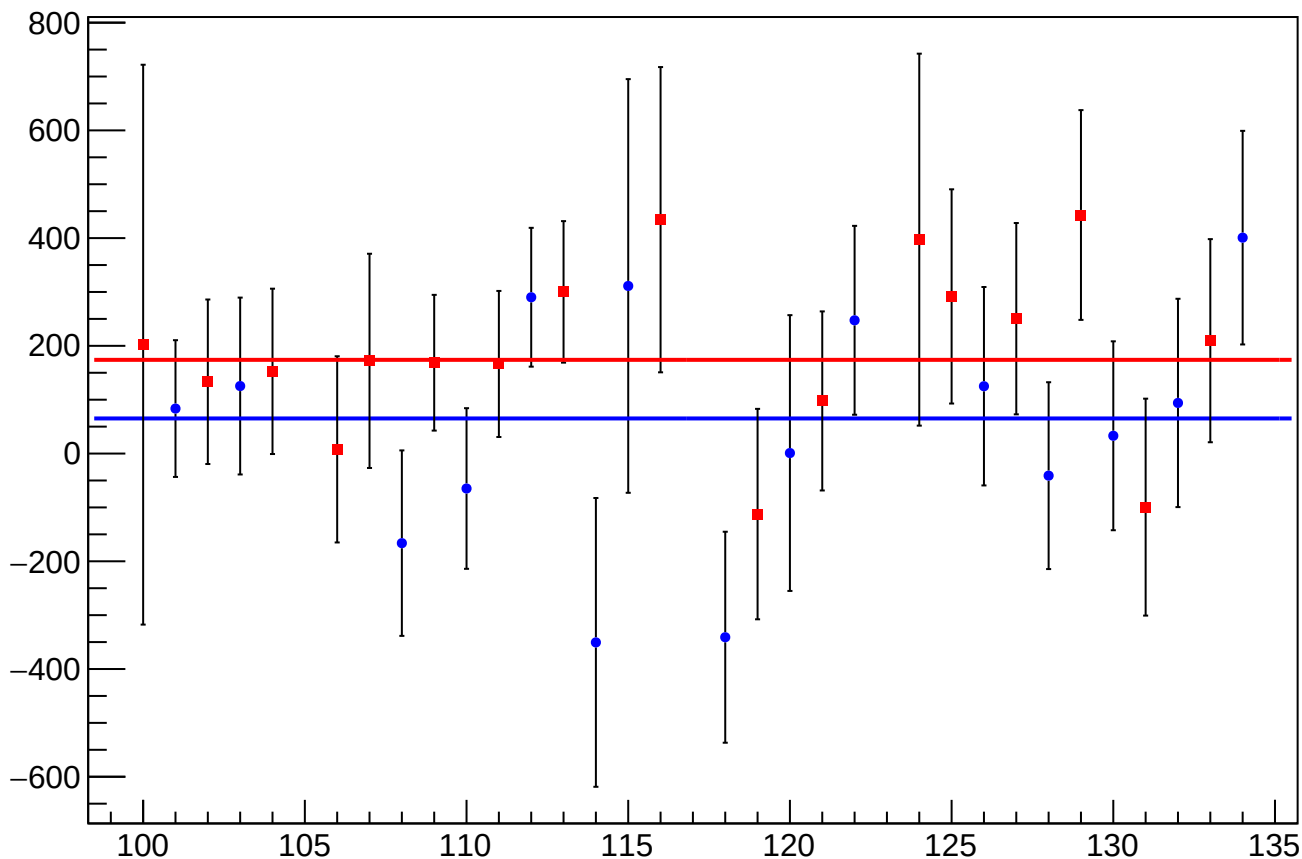
Right: 1147.797+/-0.232 χ^2/NDF : 1482797.1/31

In: 1174.995+/-0.341 χ^2/NDF : 670181.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.797+/-0.232 χ^2/NDF : 1482797.1/31

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 65.181+/-45.642 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.983+/-42.933 χ^2/NDF : 9.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

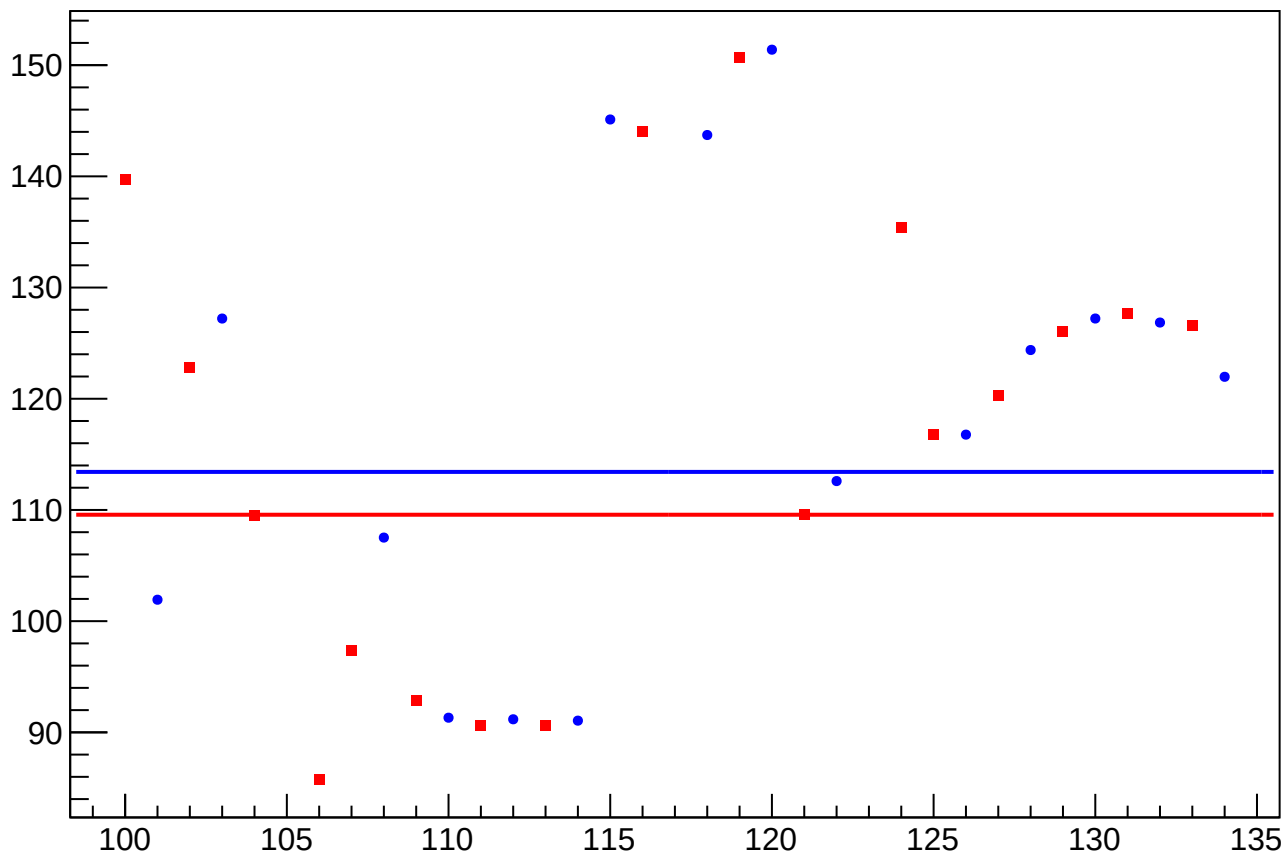
Right: 122.906+/-31.272 χ^2/NDF : 30.3/31

In: 65.181+/-45.642 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.906+/-31.272 χ^2/NDF : 30.3/31

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 113.422+/-0.032 χ^2/NDF : 290231.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.570+/-0.030 χ^2/NDF : 369289.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

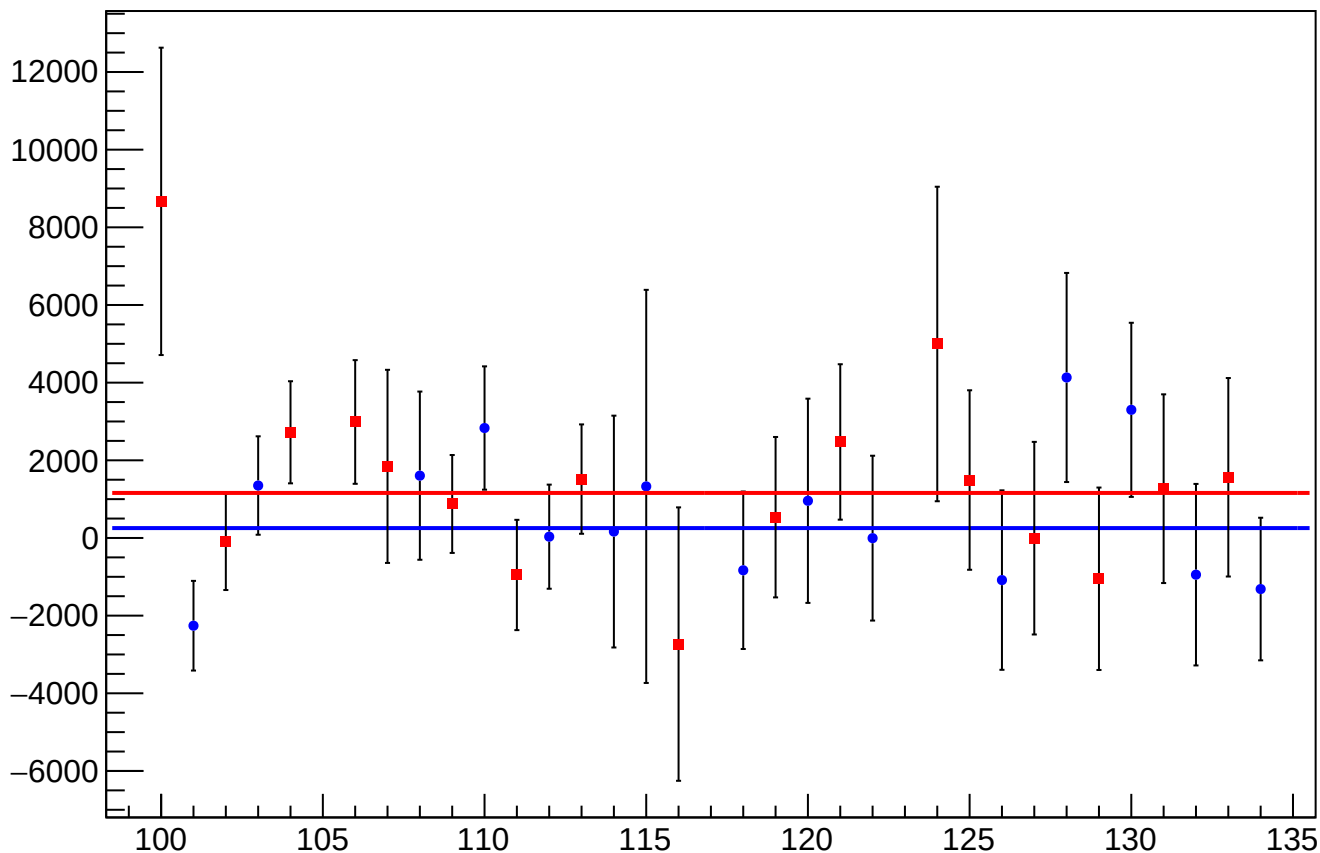
Right: 111.378+/-0.022 χ^2/NDF : 667076.7/31

In: 113.422+/-0.032 χ^2/NDF :290231.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 111.378+/-0.022 χ^2/NDF : 667076.7/31

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 254.590 $\pm$ 482.052 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1159.784 $\pm$ 449.118 χ^2 /NDF: 13.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

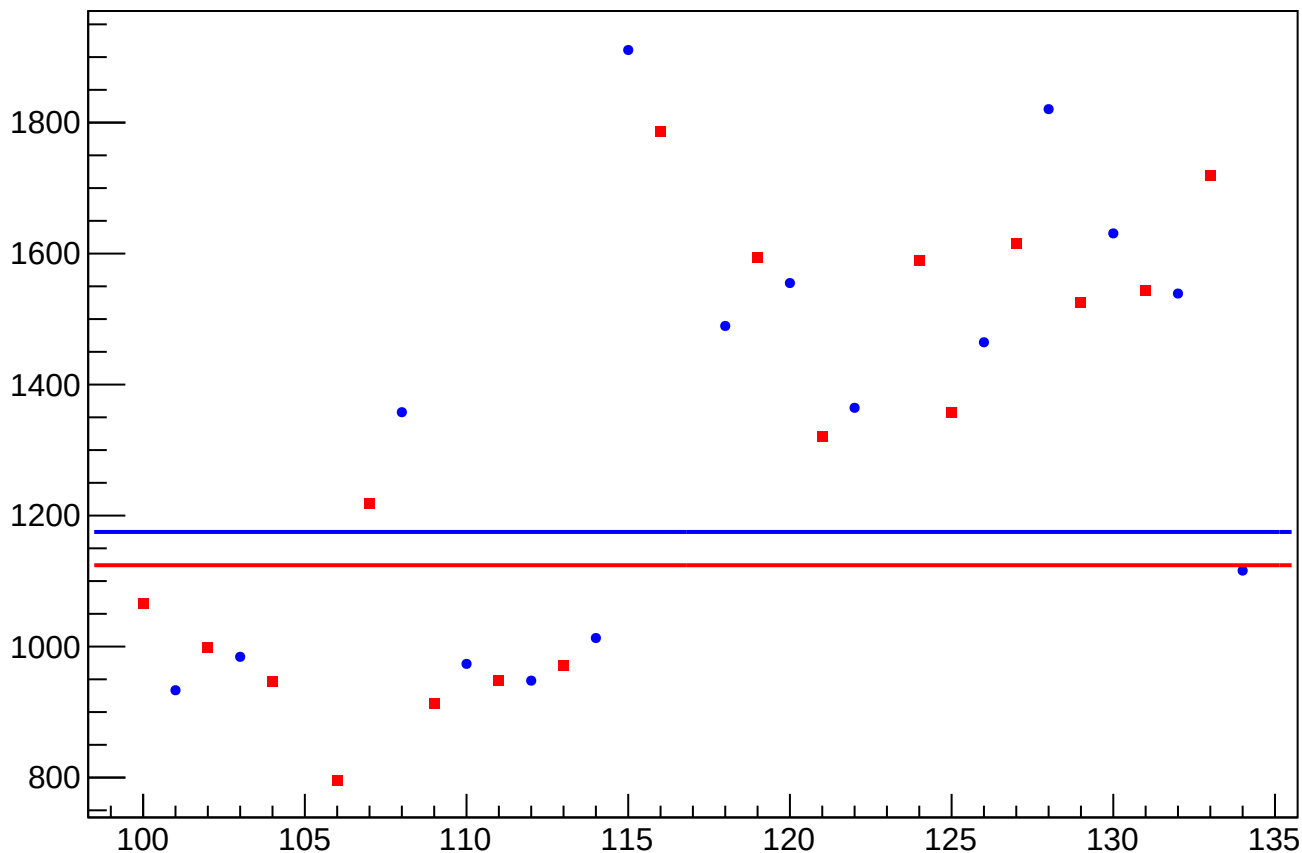
Right: 739.162 $\pm$ 328.601 χ^2 /NDF: 29.7/31

In: 254.590 $\pm$ 482.052 χ^2 /NDF:14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 739.162 $\pm$ 328.601 χ^2 /NDF: 29.7/31

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1174.995+/-0.341 χ^2/NDF : 670181.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.188+/-0.318 χ^2/NDF : 800722.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

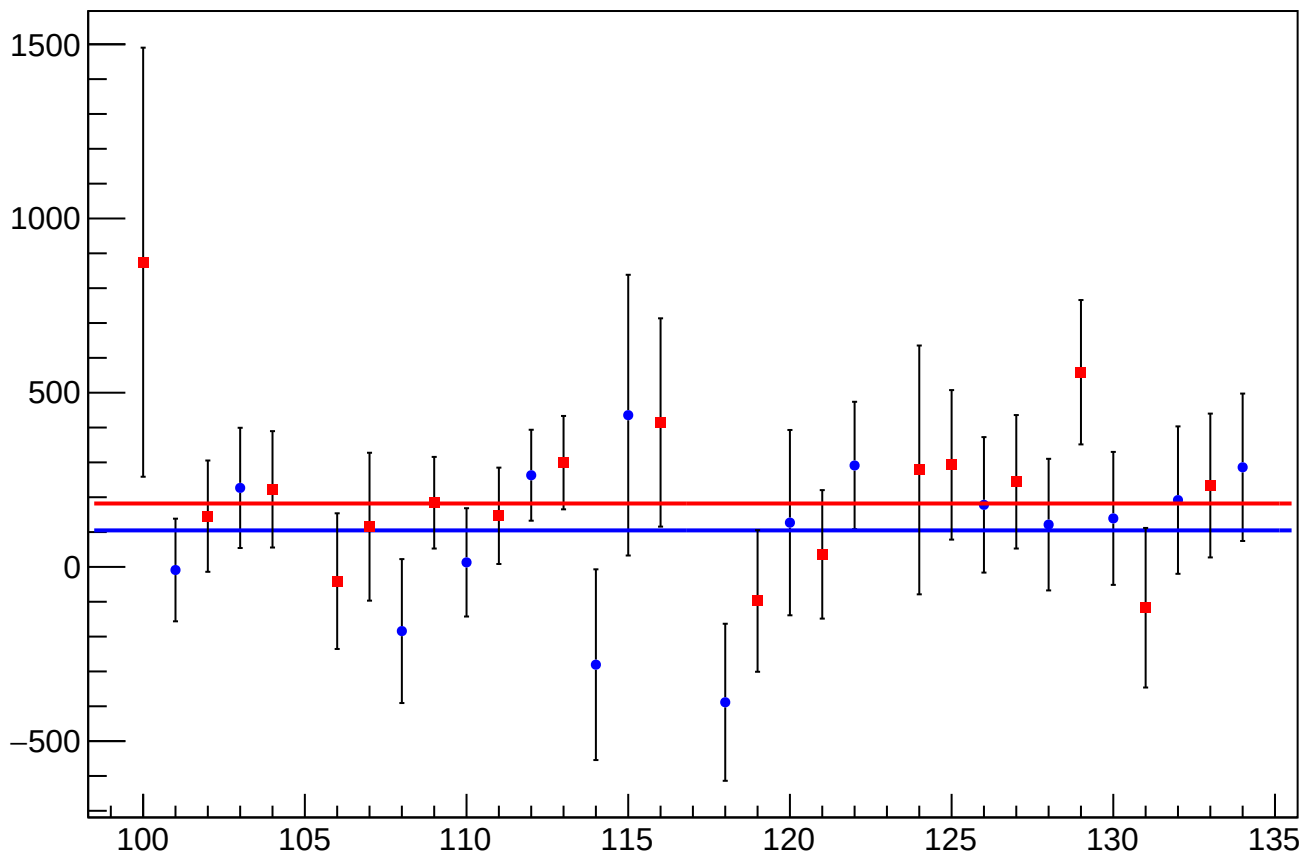
Right: 1147.797+/-0.232 χ^2/NDF : 1482797.1/31

In: 1174.995+/-0.341 χ^2/NDF : 670181.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.797+/-0.232 χ^2/NDF : 1482797.1/31

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 104.801 $\pm$ 49.199 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 181.998 $\pm$ 45.665 χ^2 /NDF: 12.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

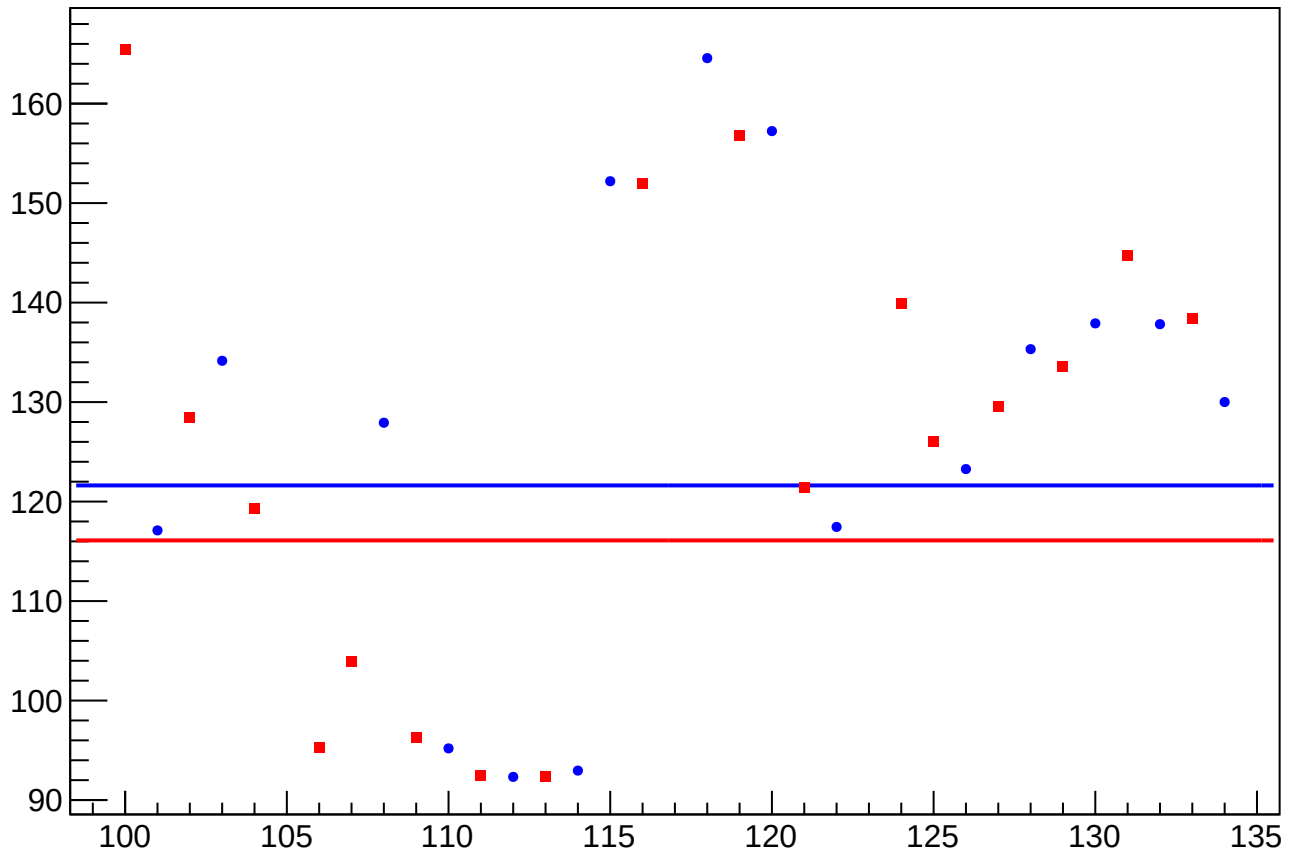
Right: 146.271 $\pm$ 33.470 χ^2 /NDF: 28.0/31

In: 104.801 $\pm$ 49.199 χ^2 /NDF: 14.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.271 $\pm$ 33.470 χ^2 /NDF: 28.0/31

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 121.624 $\pm$ 0.035 χ^2 /NDF: 356008.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.095 $\pm$ 0.032 χ^2 /NDF: 424379.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

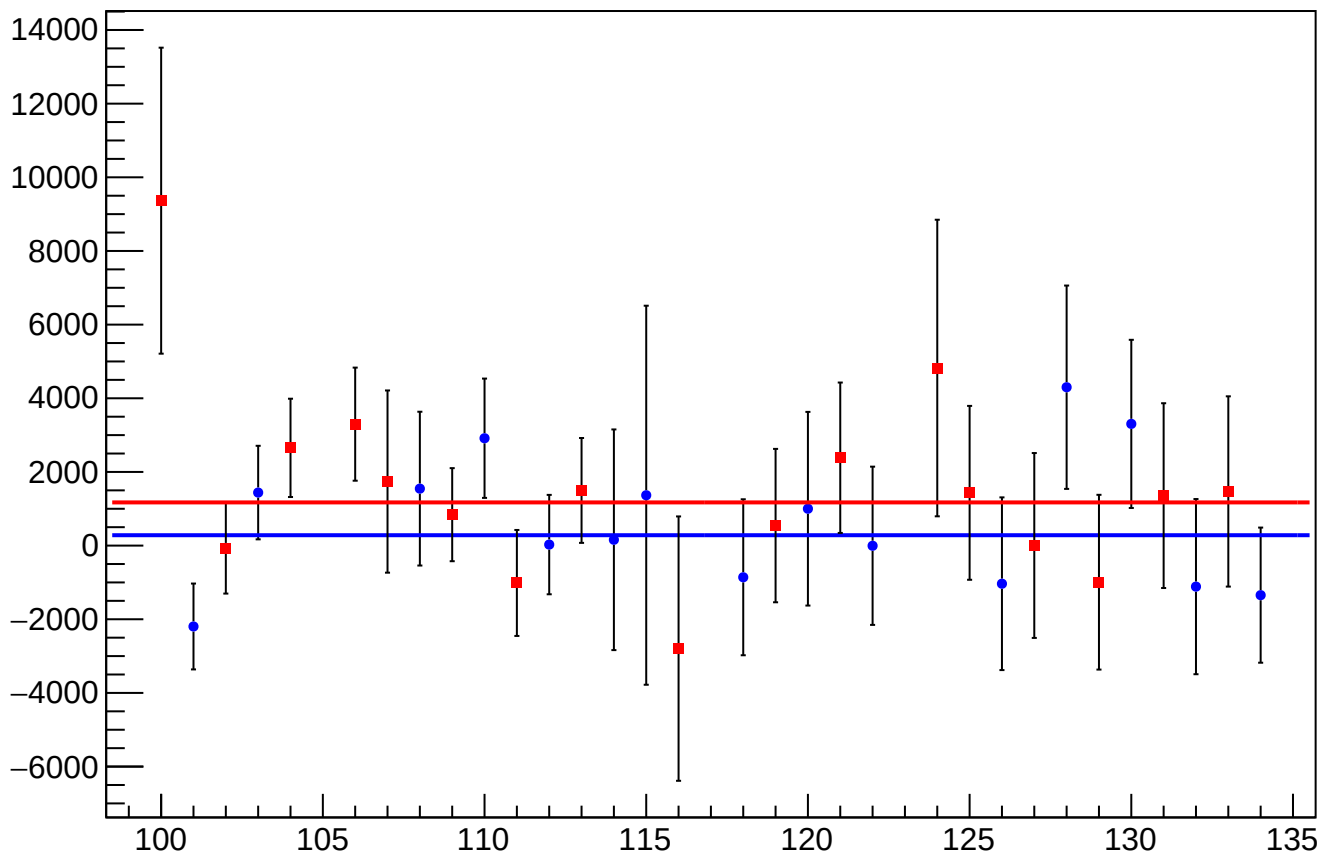
Right: 118.654 $\pm$ 0.024 χ^2 /NDF: 793954.6/31

In: 121.624 $\pm$ 0.035 χ^2 /NDF:356008.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.654 $\pm$ 0.024 χ^2 /NDF: 793954.6/31

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 282.040+/-486.335 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1172.683+/-451.895 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

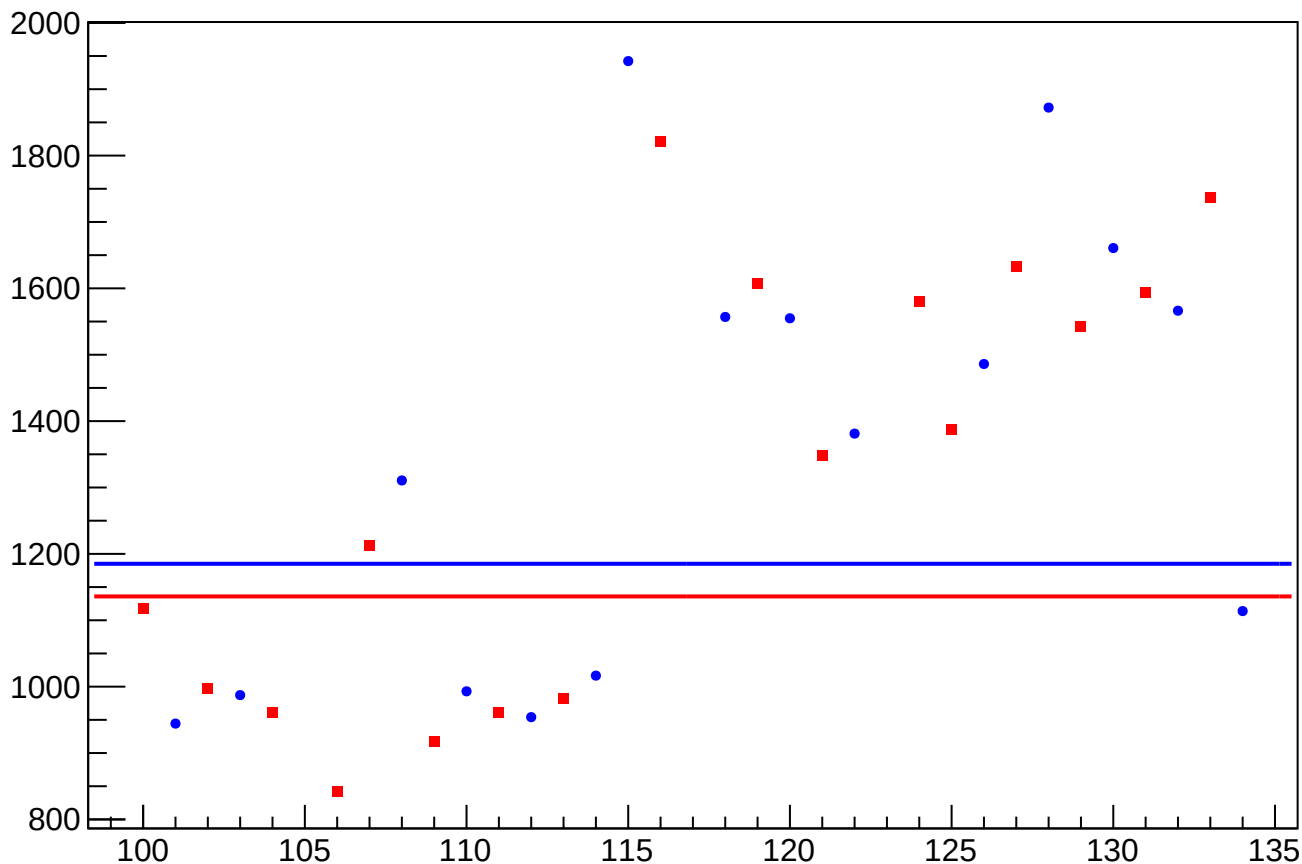
Right: 760.011+/-331.044 χ^2/NDF : 30.0/31

In: 282.040+/-486.335 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.011+/-331.044 χ^2/NDF : 30.0/31

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1185.094+/-0.344 χ^2/NDF : 693433.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.902+/-0.320 χ^2/NDF : 803251.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

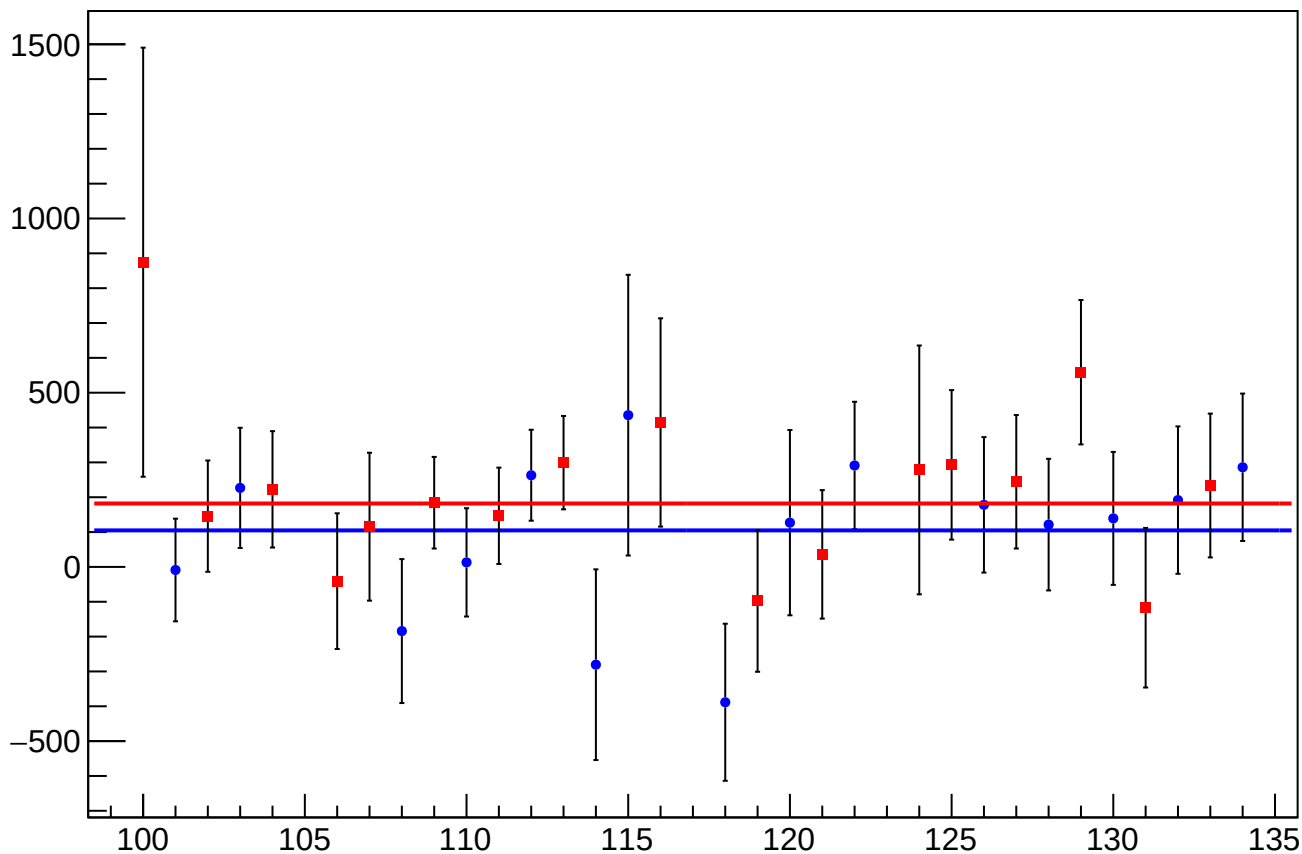
Right: 1158.694+/-0.234 χ^2/NDF : 1507666.0/31

In: 1185.094+/-0.344 χ^2/NDF : 693433.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.694+/-0.234 χ^2/NDF : 1507666.0/31

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 104.802 $\pm$ 49.199 χ^2/NDF : 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 181.997 $\pm$ 45.665 χ^2/NDF : 12.3/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

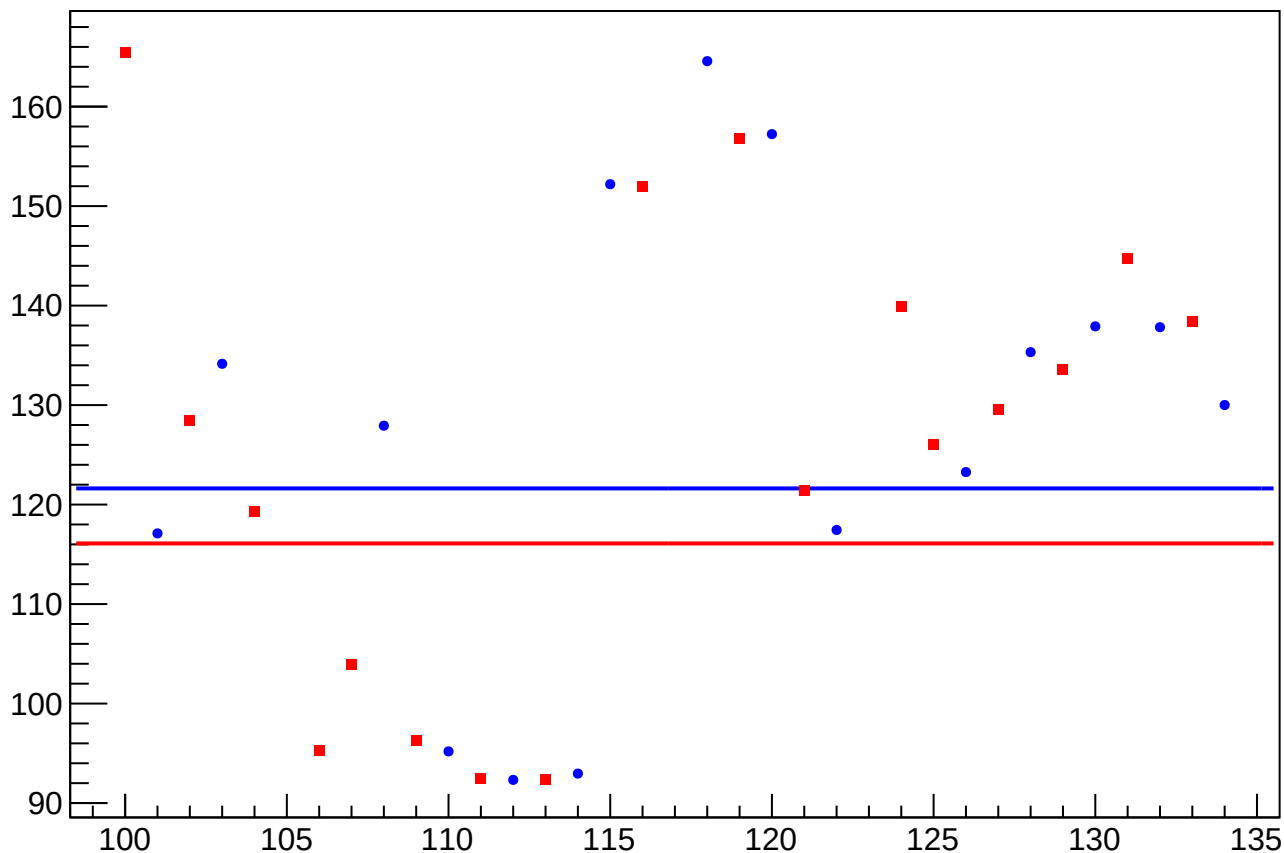
Right: 146.271 $\pm$ 33.470 χ^2/NDF : 28.0/31

In: 104.802 $\pm$ 49.199 χ^2/NDF : 14.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 146.271 $\pm$ 33.470 χ^2/NDF : 28.0/31

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 121.624 $\pm$ 0.035 χ^2 /NDF: 356012.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.095 $\pm$ 0.032 χ^2 /NDF: 424384.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

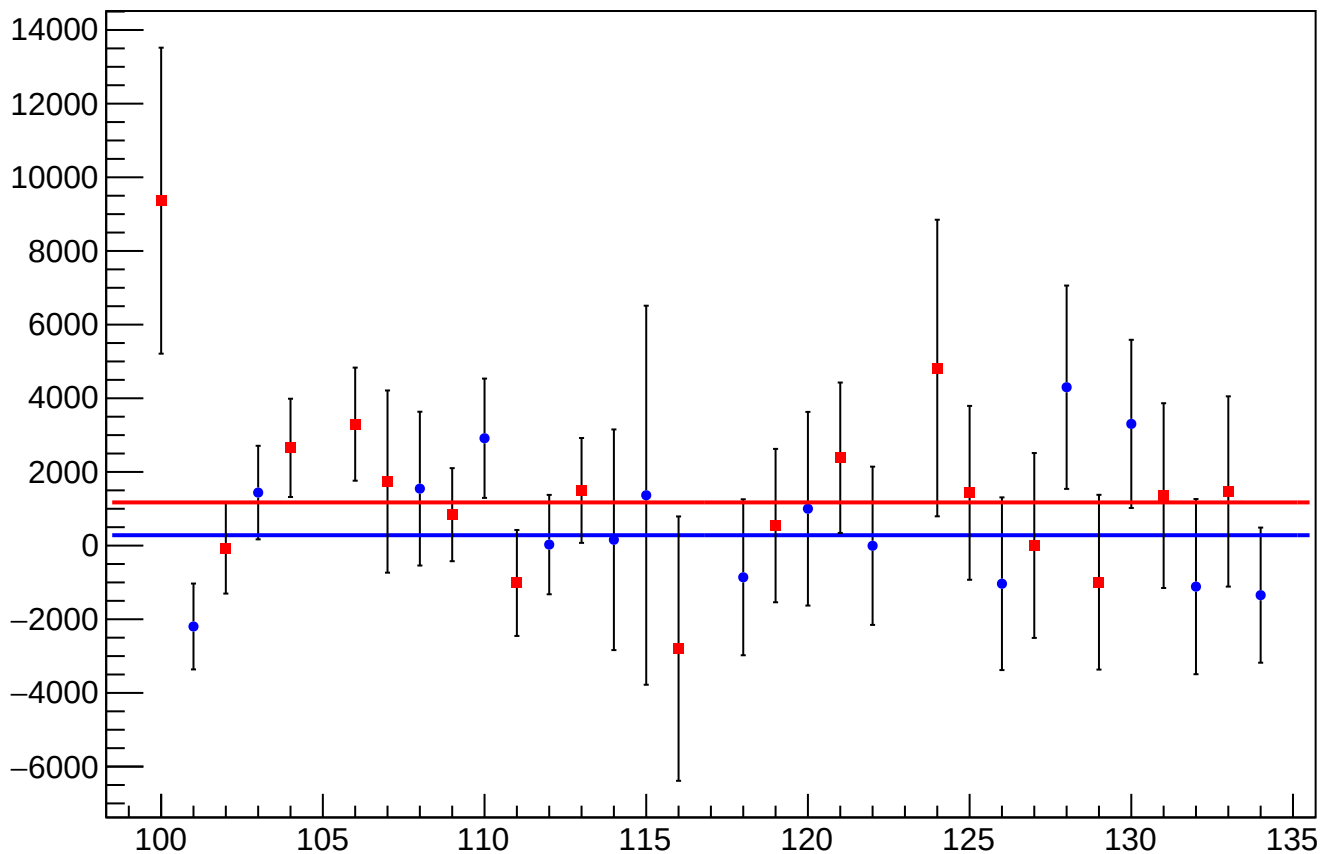
Right: 118.654 $\pm$ 0.024 χ^2 /NDF: 793964.0/31

In: 121.624 $\pm$ 0.035 χ^2 /NDF:356012.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.654 $\pm$ 0.024 χ^2 /NDF: 793964.0/31

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 282.041+/-486.335 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1172.683+/-451.895 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

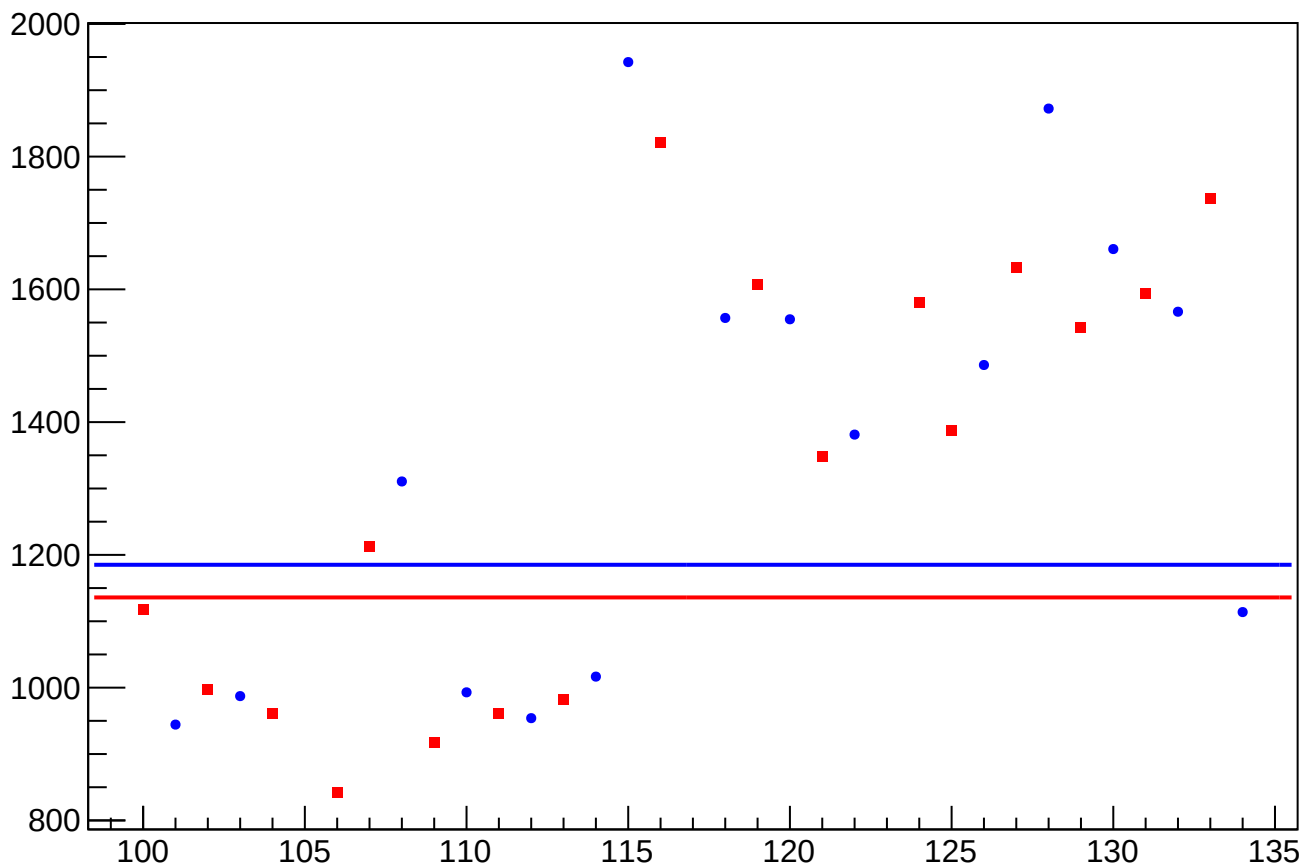
Right: 760.010+/-331.044 χ^2/NDF : 30.0/31

In: 282.041+/-486.335 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.010+/-331.044 χ^2/NDF : 30.0/31

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1185.094+/-0.344 χ^2/NDF : 693434.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.902+/-0.320 χ^2/NDF : 803253.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

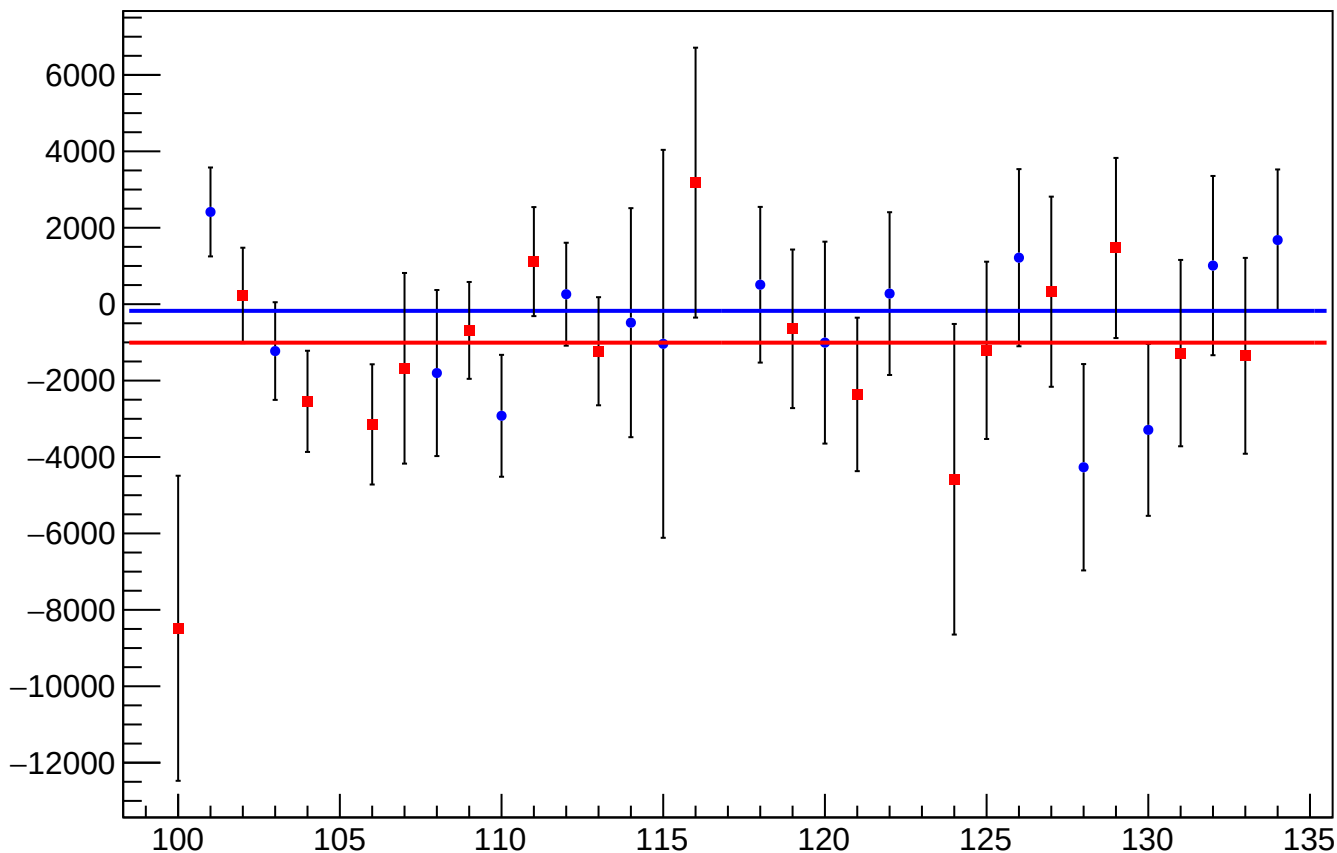
Right: 1158.695+/-0.234 χ^2/NDF : 1507668.5/31

In: 1185.094+/-0.344 χ^2/NDF : 693434.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.695+/-0.234 χ^2/NDF : 1507668.5/31

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -174.775+/-484.669 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1007.356+/-450.772 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

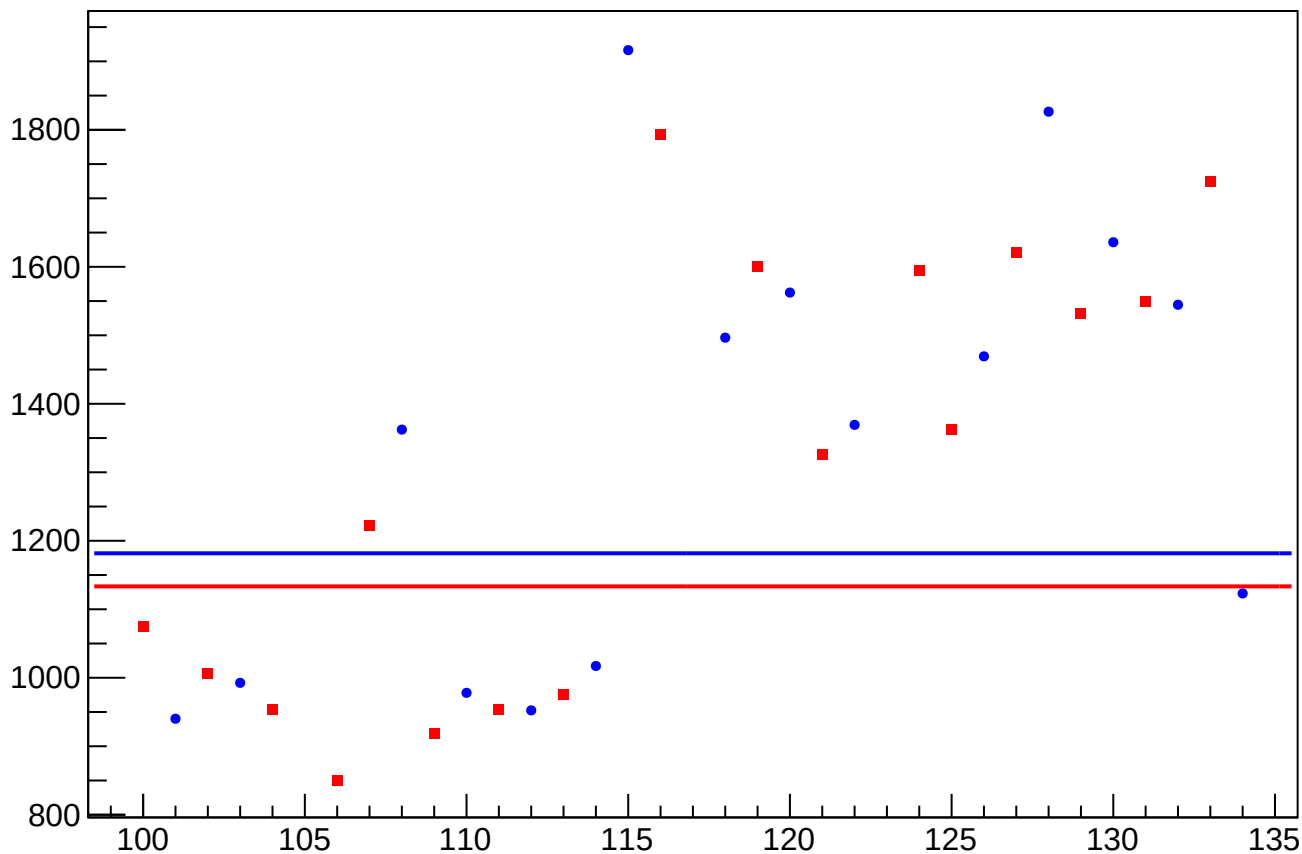
Right: -621.195+/-330.078 χ^2/NDF : 31.1/31

In: -174.775+/-484.669 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -621.195+/-330.078 χ^2/NDF : 31.1/31

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1181.716+/-0.343 χ^2/NDF : 663320.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.431+/-0.319 χ^2/NDF : 772987.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

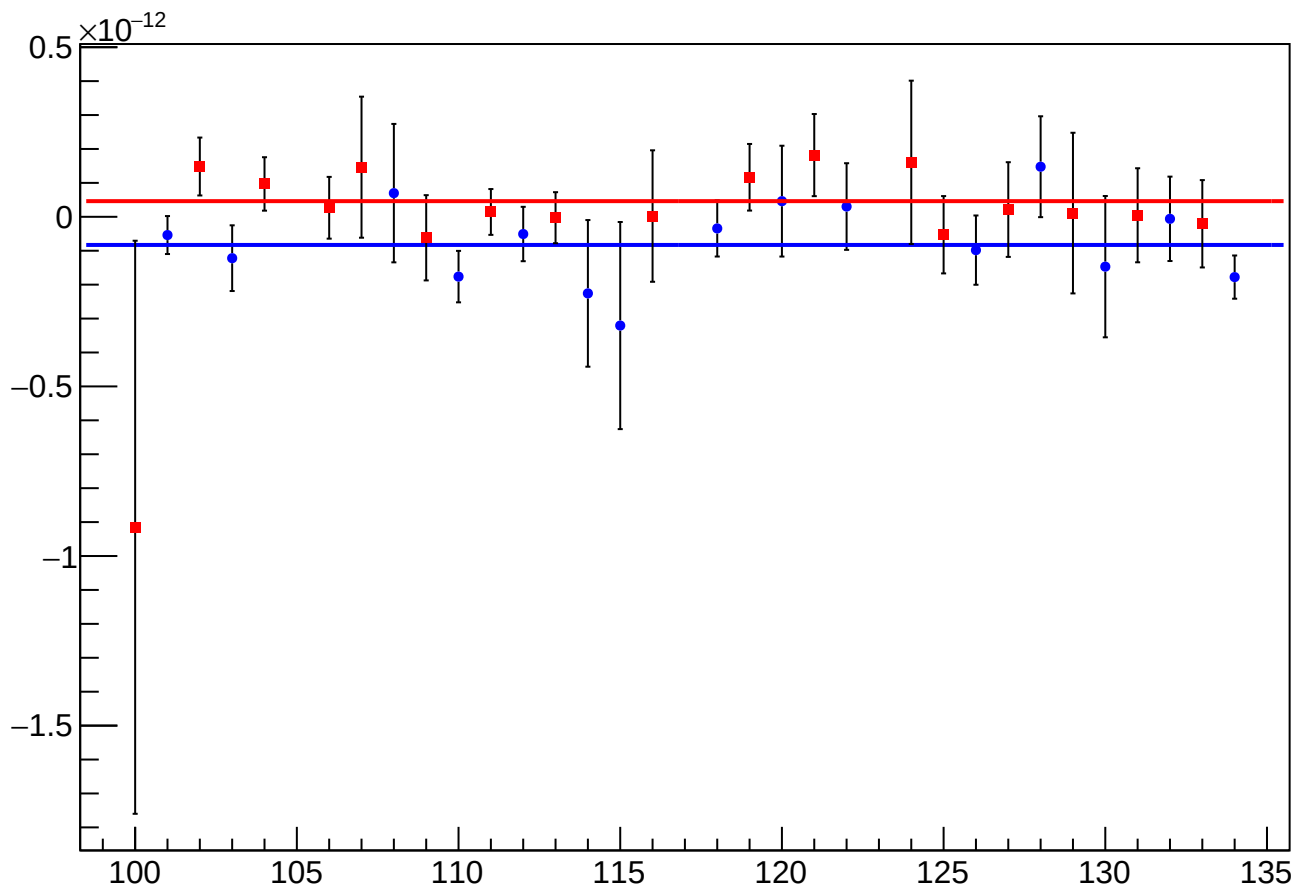
Right: 1155.826+/-0.233 χ^2/NDF : 1446950.4/31

In: 1181.716+/-0.343 χ^2/NDF : 663320.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.826+/-0.233 χ^2/NDF : 1446950.4/31

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 8.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

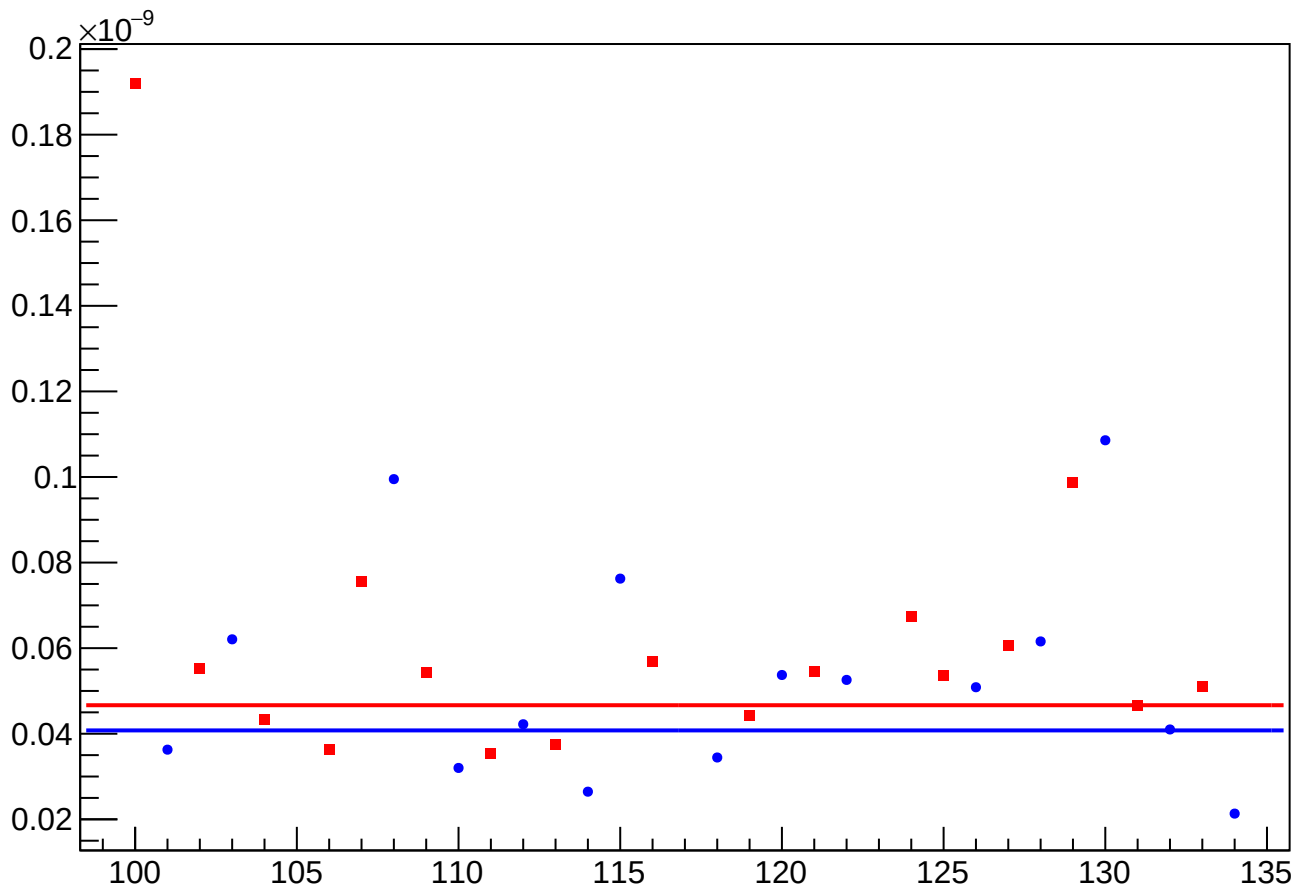
Right: -0.000 ± 0.000 χ^2/NDF : 30.7/31

In: -0.000 ± 0.000 χ^2/NDF : 10.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 30.7/31

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 836549.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 397522.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

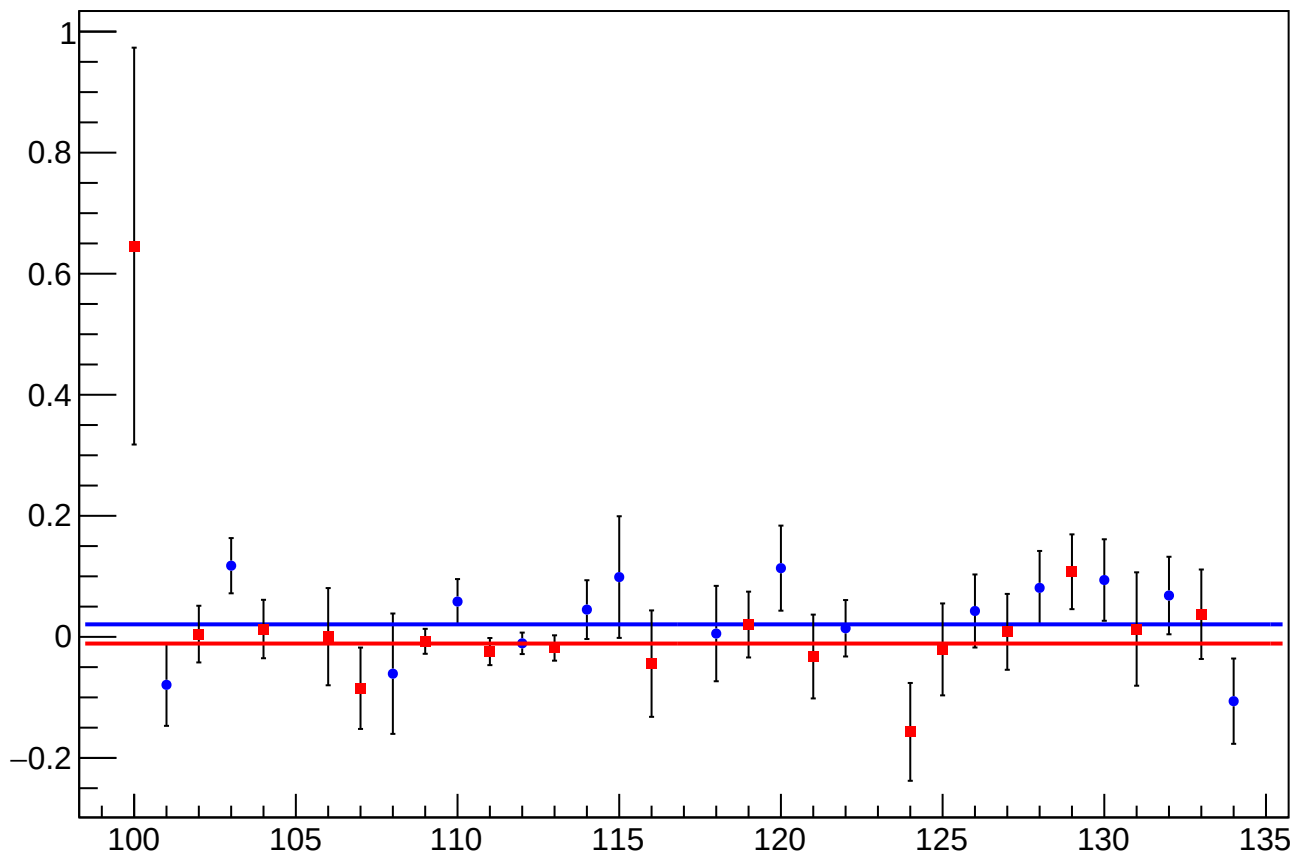
Right: 0.000+/-0.000 χ^2/NDF : 1284317.3/31

In: 0.000+/-0.000 χ^2/NDF :836549.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1284317.3/31

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

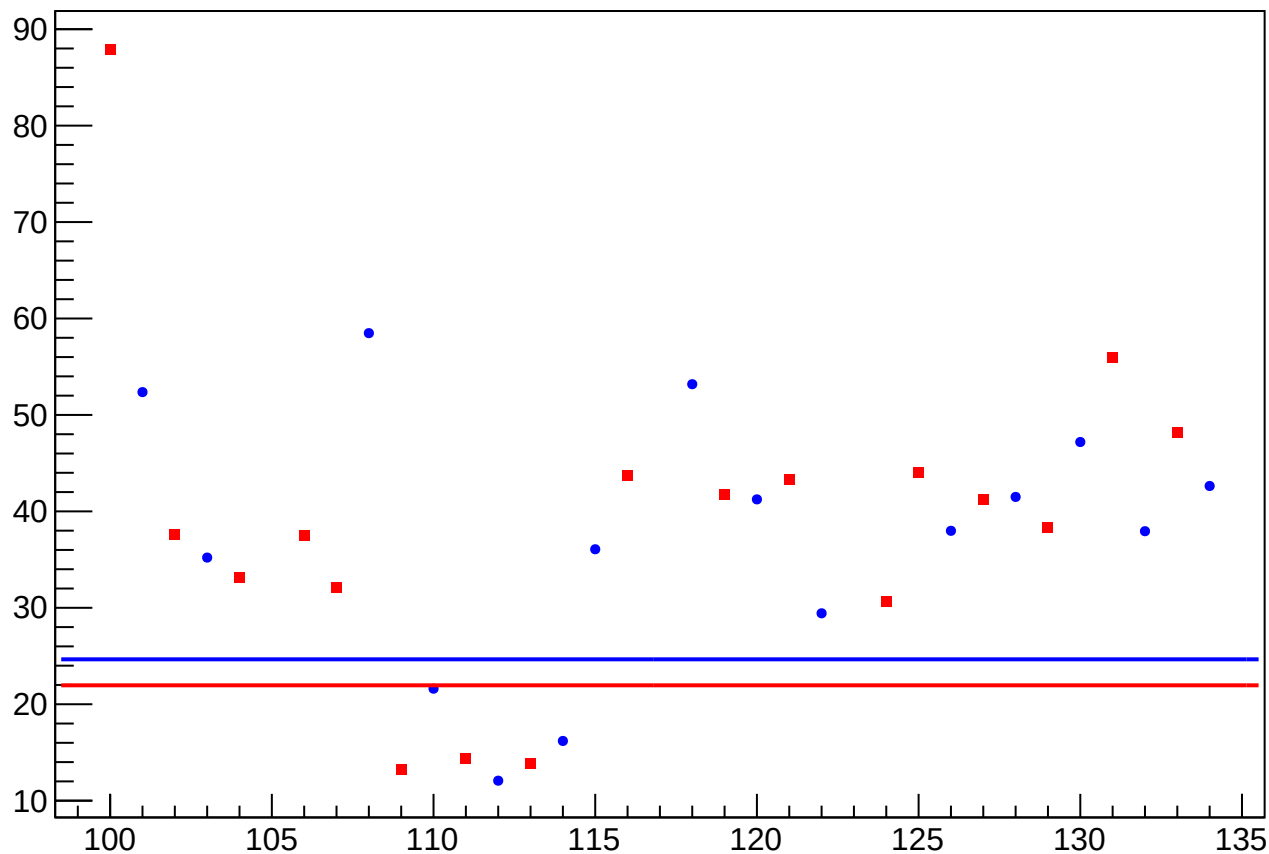
Right: 0.003+/-0.008 χ^2/NDF : 38.7/31

In: 0.021+/-0.012 χ^2/NDF :20.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.008 χ^2/NDF : 38.7/31

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.657+/-0.008 χ^2/NDF : 2864960.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.963+/-0.007 χ^2/NDF : 3031706.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

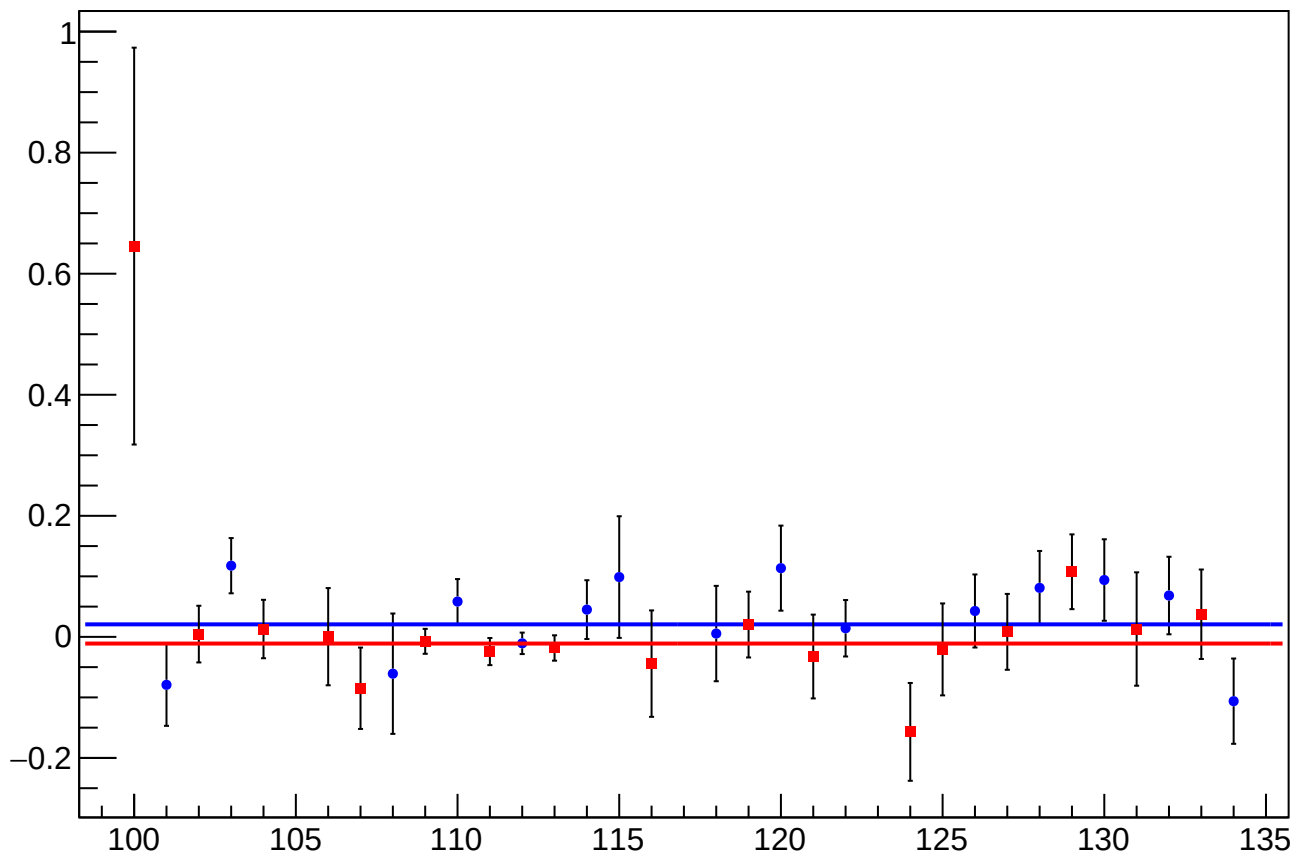
Right: 23.115+/-0.005 χ^2/NDF : 5957014.2/31

In: 24.657+/-0.008 χ^2/NDF : 2864960.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.115+/-0.005 χ^2/NDF : 5957014.2/31

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

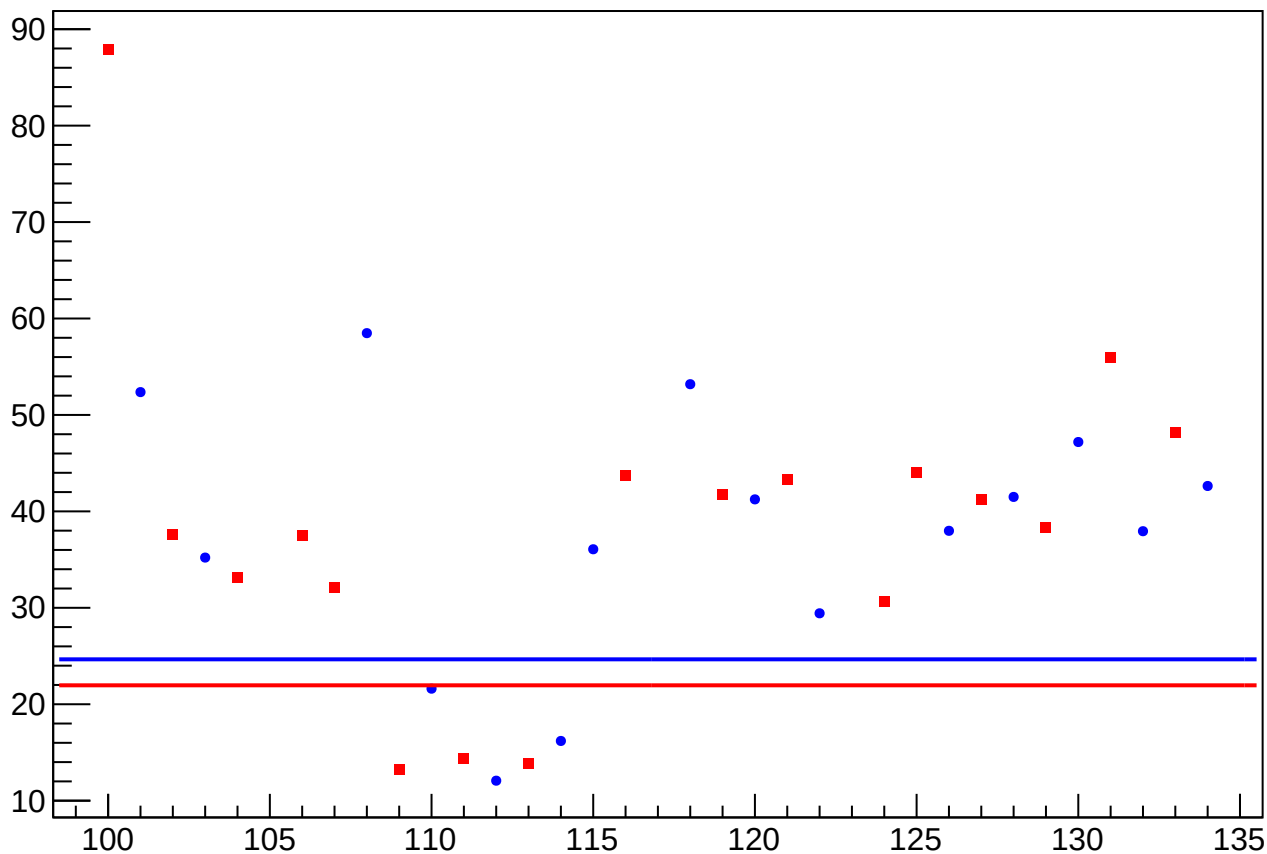
Right: 0.003+/-0.008 χ^2/NDF : 38.7/31

In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 38.7/31

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.657+/-0.008 χ^2/NDF : 2864960.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.963+/-0.007 χ^2/NDF : 3031706.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

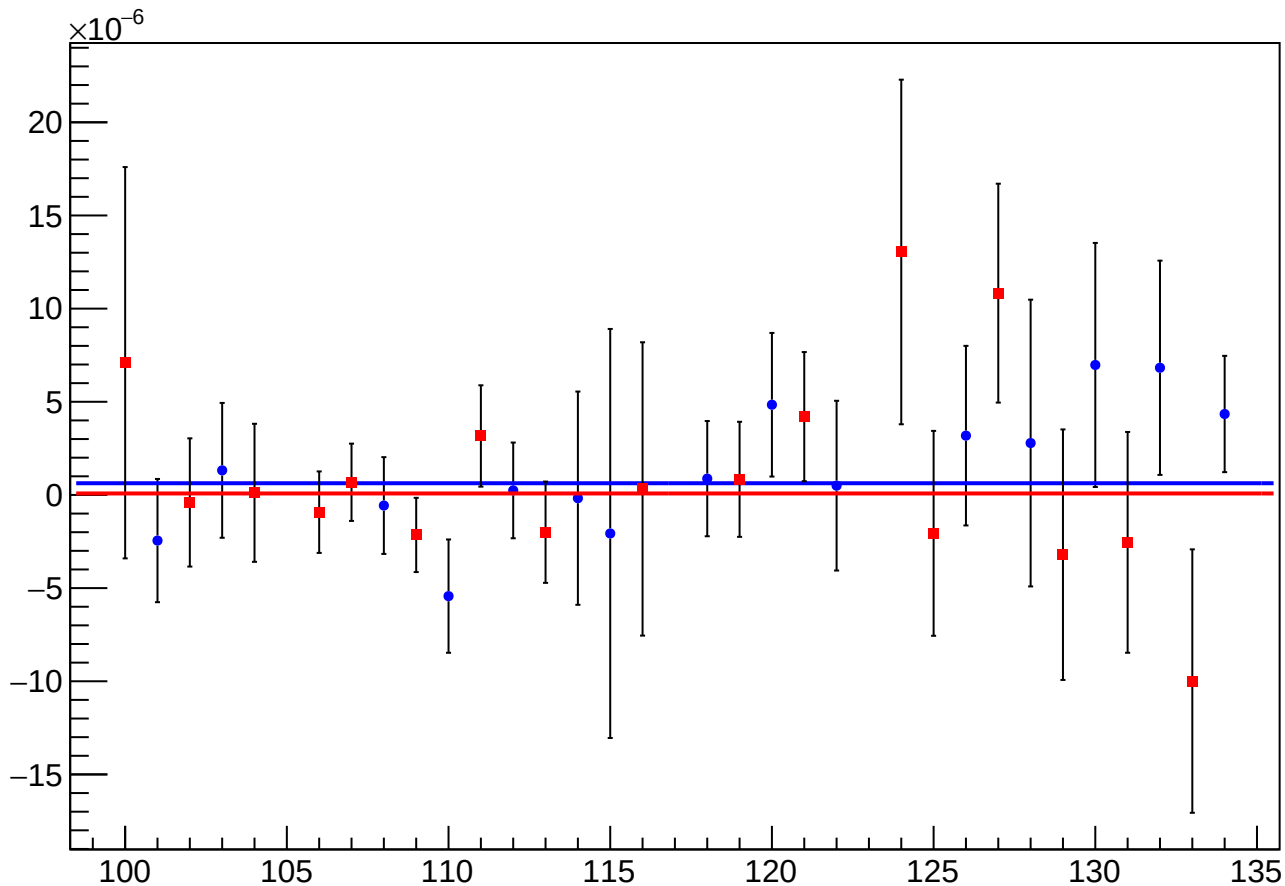
Right: 23.115+/-0.005 χ^2/NDF : 5957014.2/31

In: 24.657+/-0.008 χ^2/NDF : 2864960.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.115+/-0.005 χ^2/NDF : 5957014.2/31

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

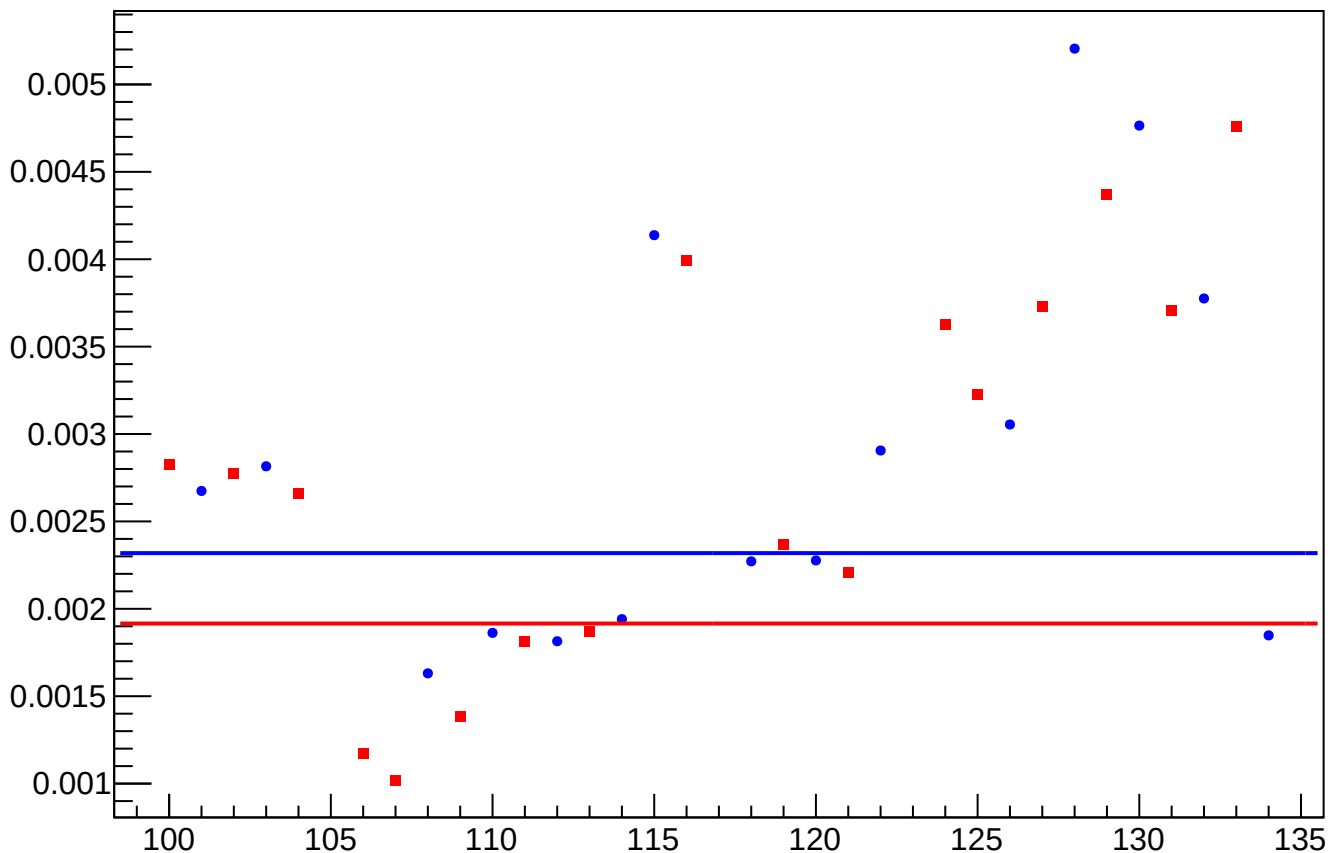
Right: 0.000+/-0.000 χ^2/NDF : 23.7/31

In: 0.000+/-0.000 χ^2/NDF : 10.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/31

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1201577.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2314789.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

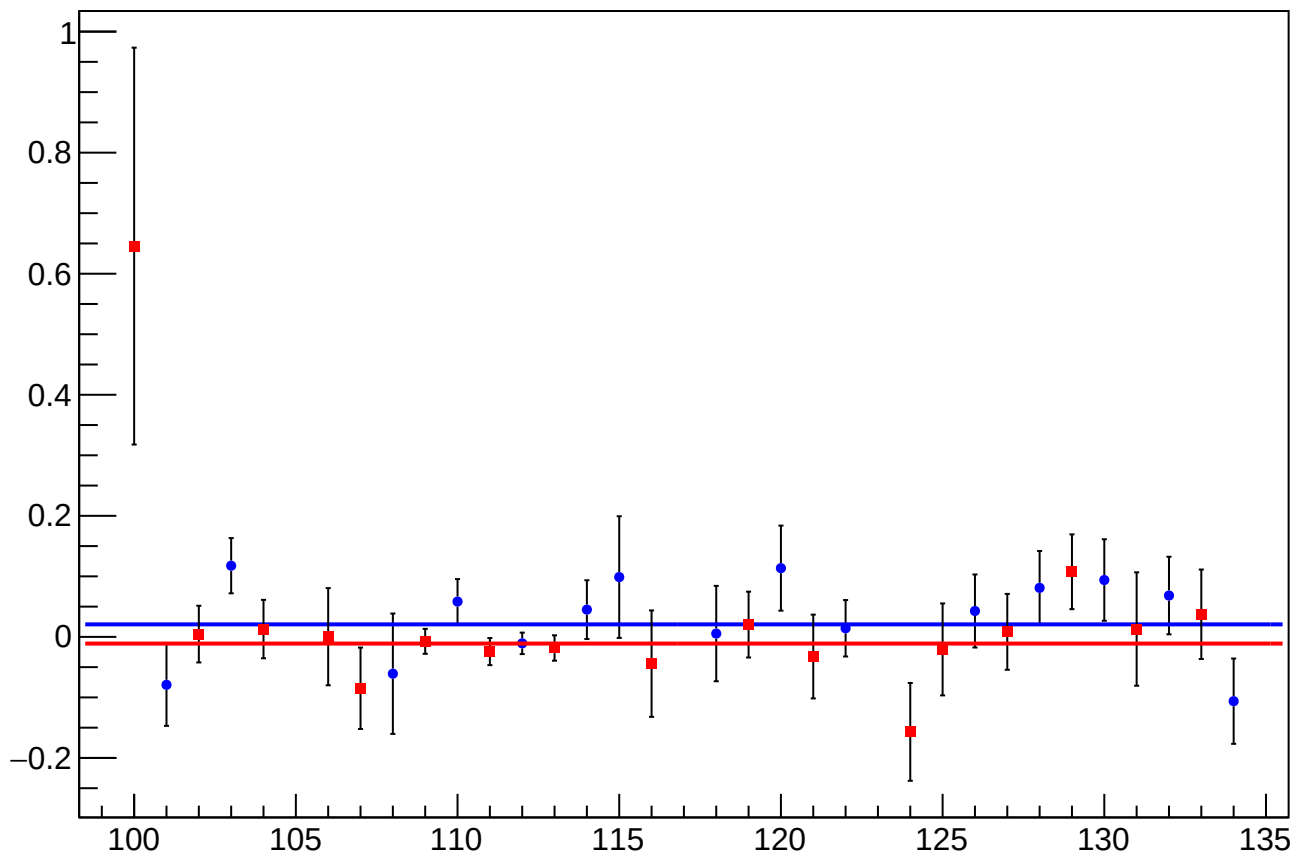
Right: 0.002+/-0.000 χ^2/NDF : 3715773.9/31

In: 0.002+/-0.000 χ^2/NDF : 1201577.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3715773.9/31

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

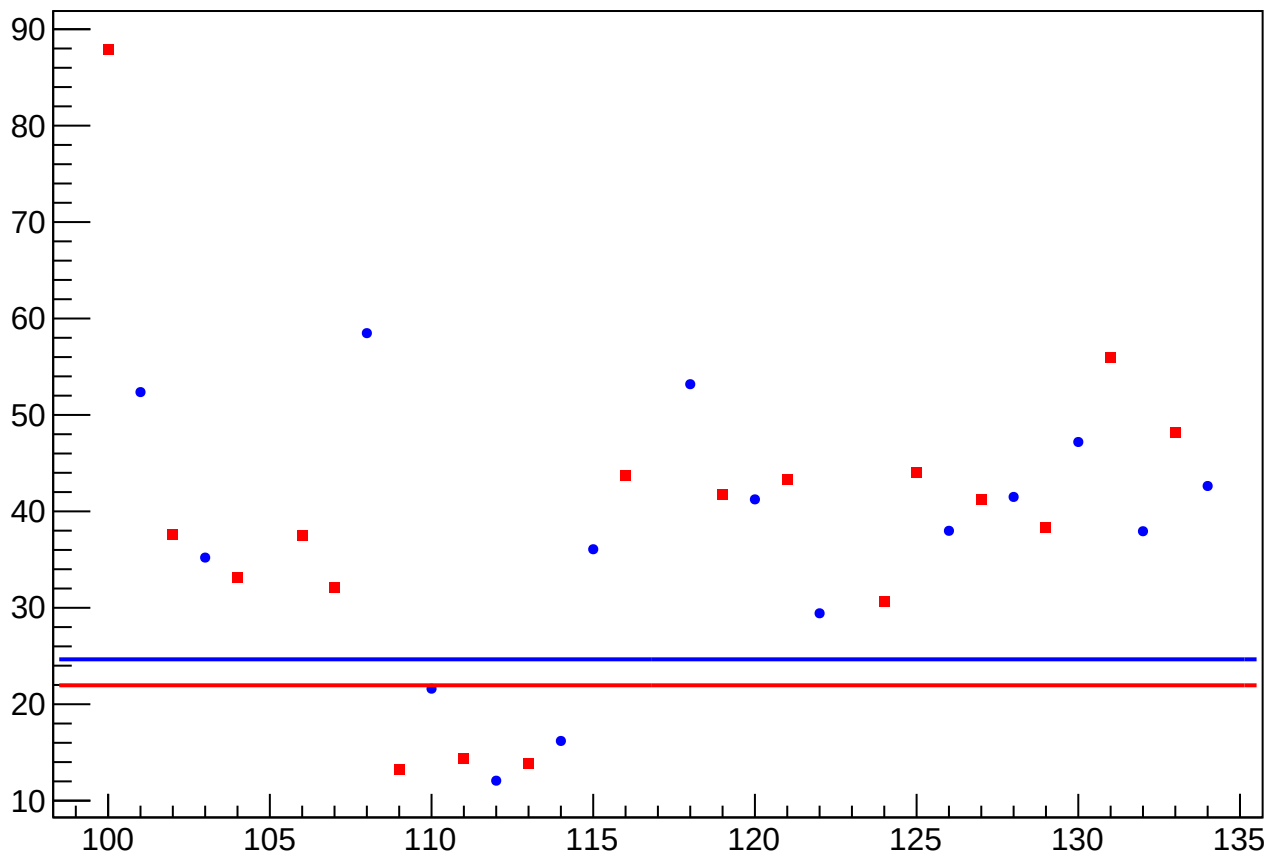
Right: 0.003+/-0.008 χ^2/NDF : 38.7/31

In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 38.7/31

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.656+/-0.008 χ^2/NDF : 2865328.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.962+/-0.007 χ^2/NDF : 3031827.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

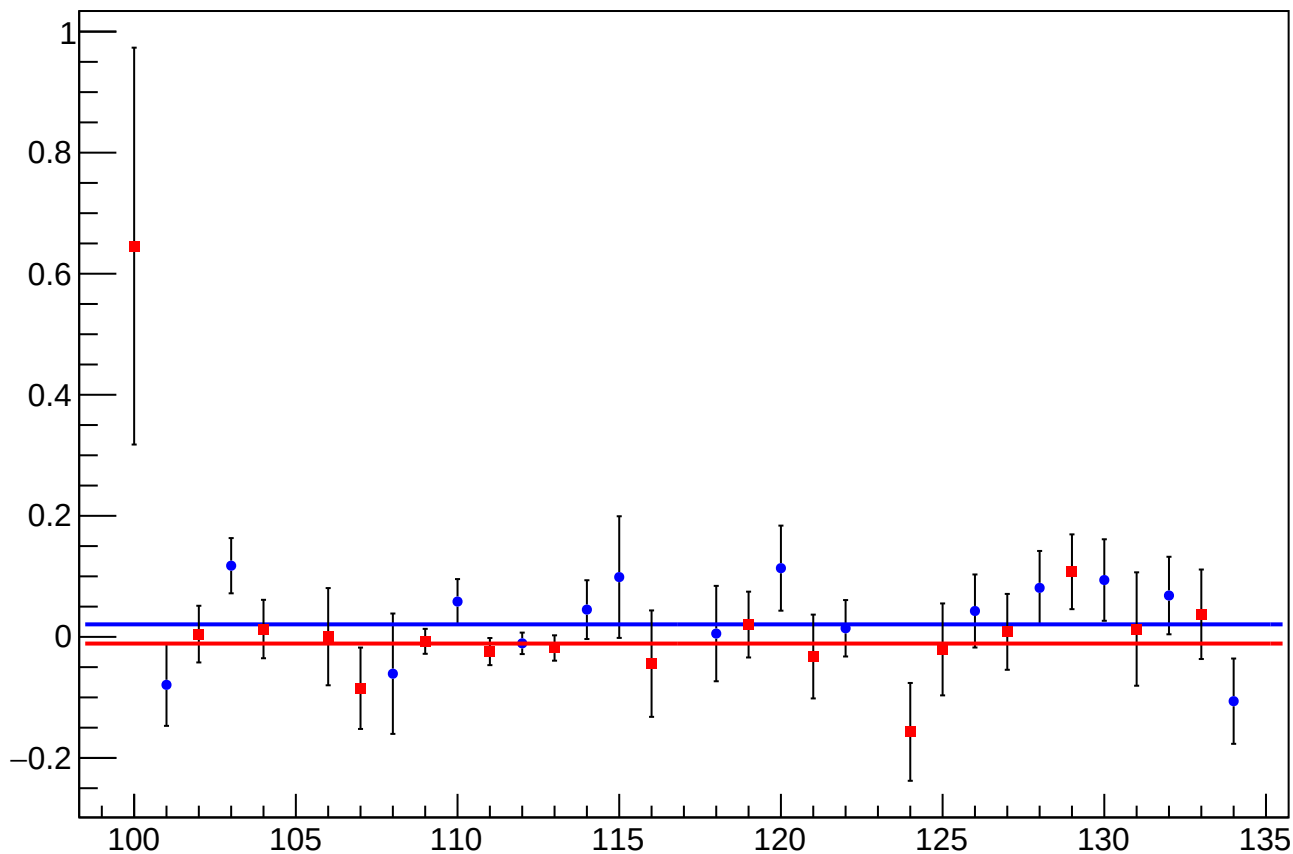
Right: 23.114+/-0.005 χ^2/NDF : 5957452.6/31

In: 24.656+/-0.008 χ^2/NDF :2865328.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.114+/-0.005 χ^2/NDF : 5957452.6/31

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

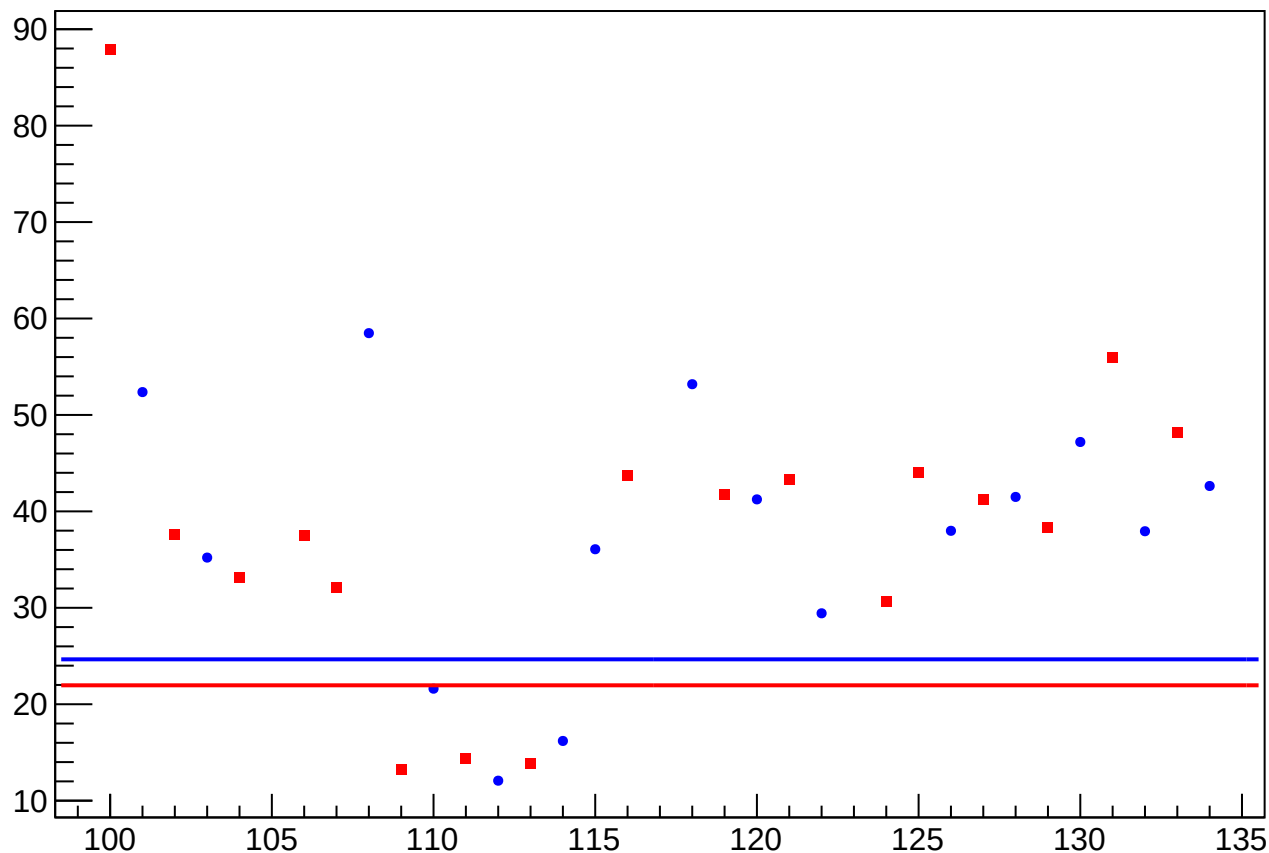
Right: 0.003+/-0.008 χ^2/NDF : 38.7/31

In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 38.7/31

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.656+/-0.008 χ^2/NDF : 2865328.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.962+/-0.007 χ^2/NDF : 3031827.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

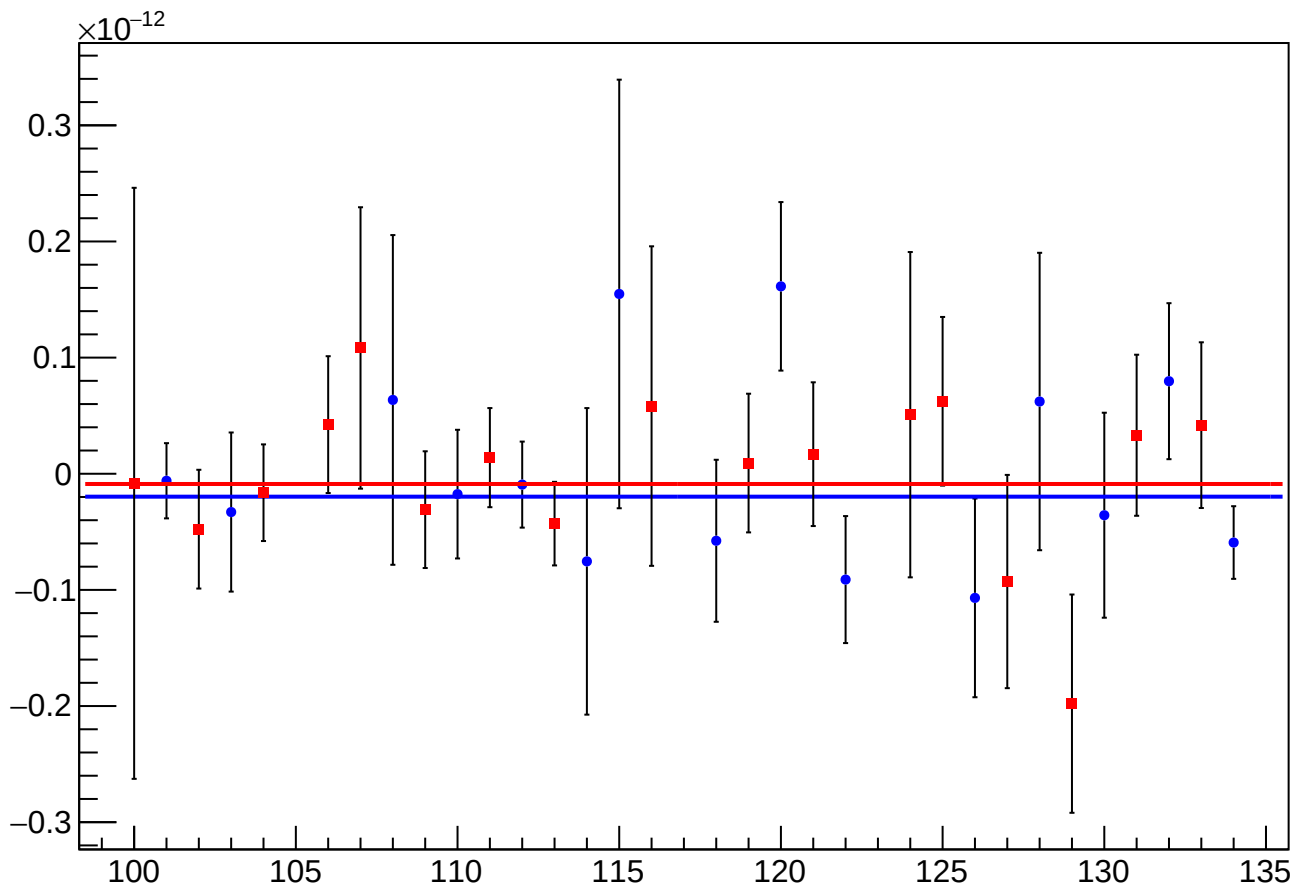
Right: 23.114+/-0.005 χ^2/NDF : 5957452.6/31

In: 24.656+/-0.008 χ^2/NDF : 2865328.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.114+/-0.005 χ^2/NDF : 5957452.6/31

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

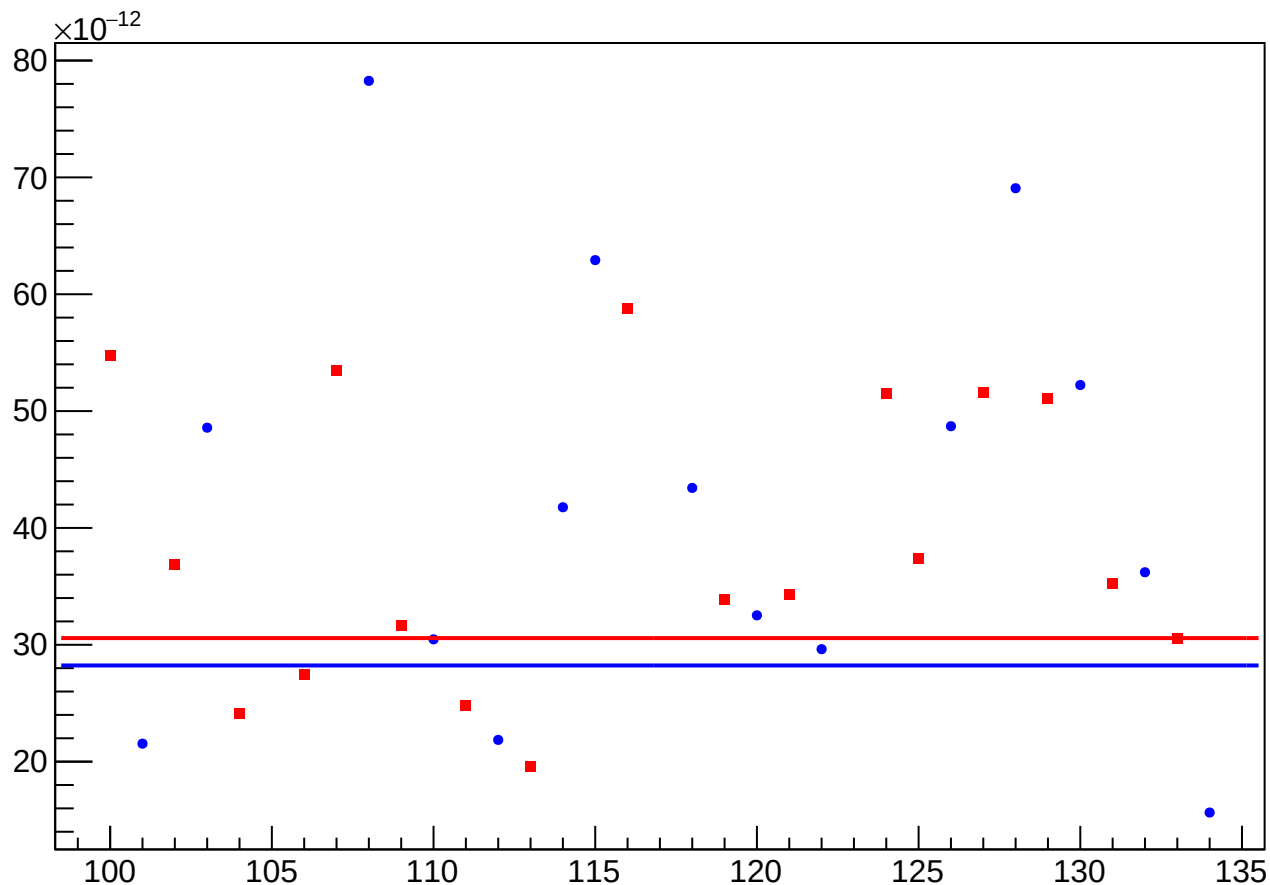
Right: -0.000+/-0.000 χ^2/NDF : 26.6/31

In: -0.000+/-0.000 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.6/31

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1585926.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 766812.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

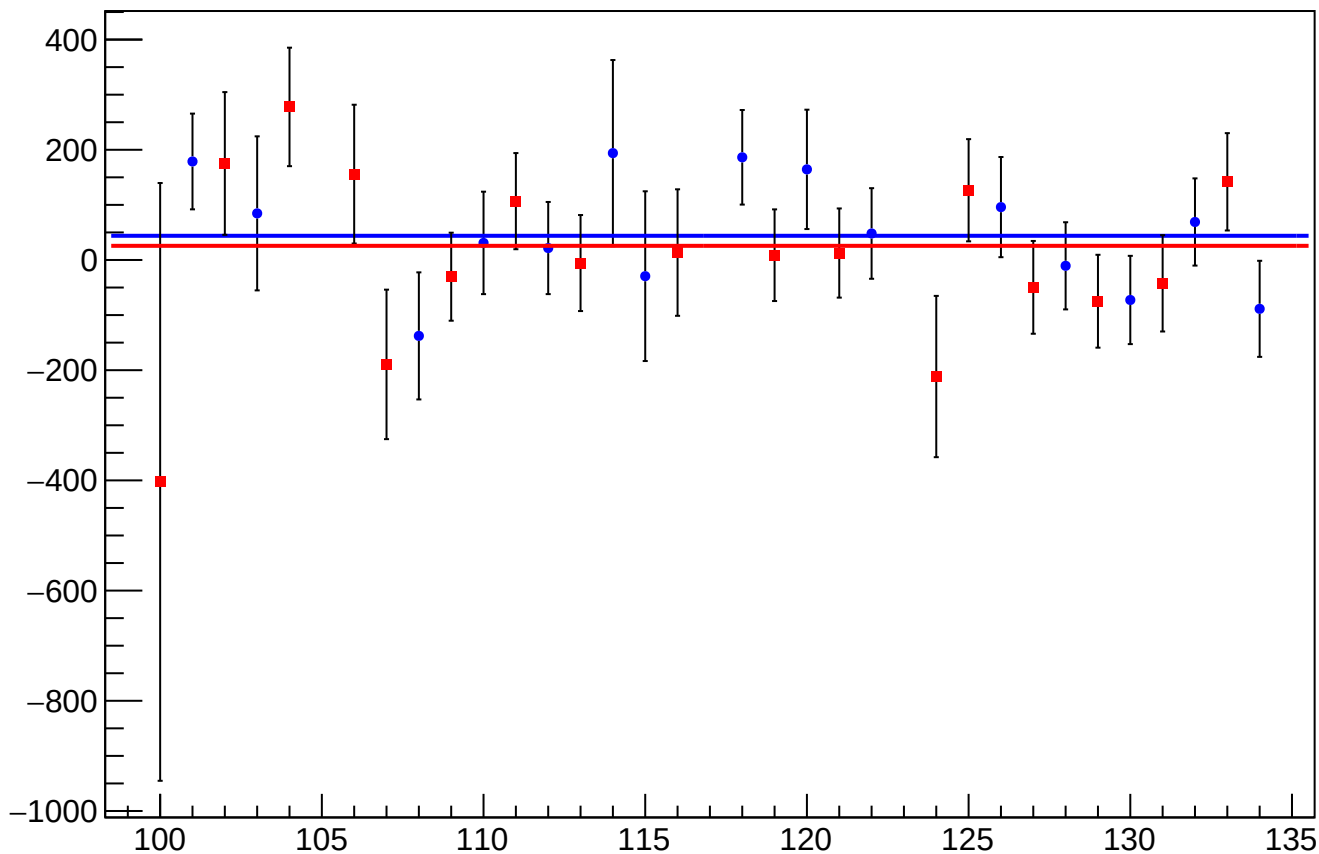
Right: 0.000+/-0.000 χ^2/NDF : 2377907.5/31

In: 0.000+/-0.000 χ^2/NDF : 1585926.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2377907.5/31

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.911 $\pm$ 24.312 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.686 $\pm$ 23.812 χ^2 /NDF: 21.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

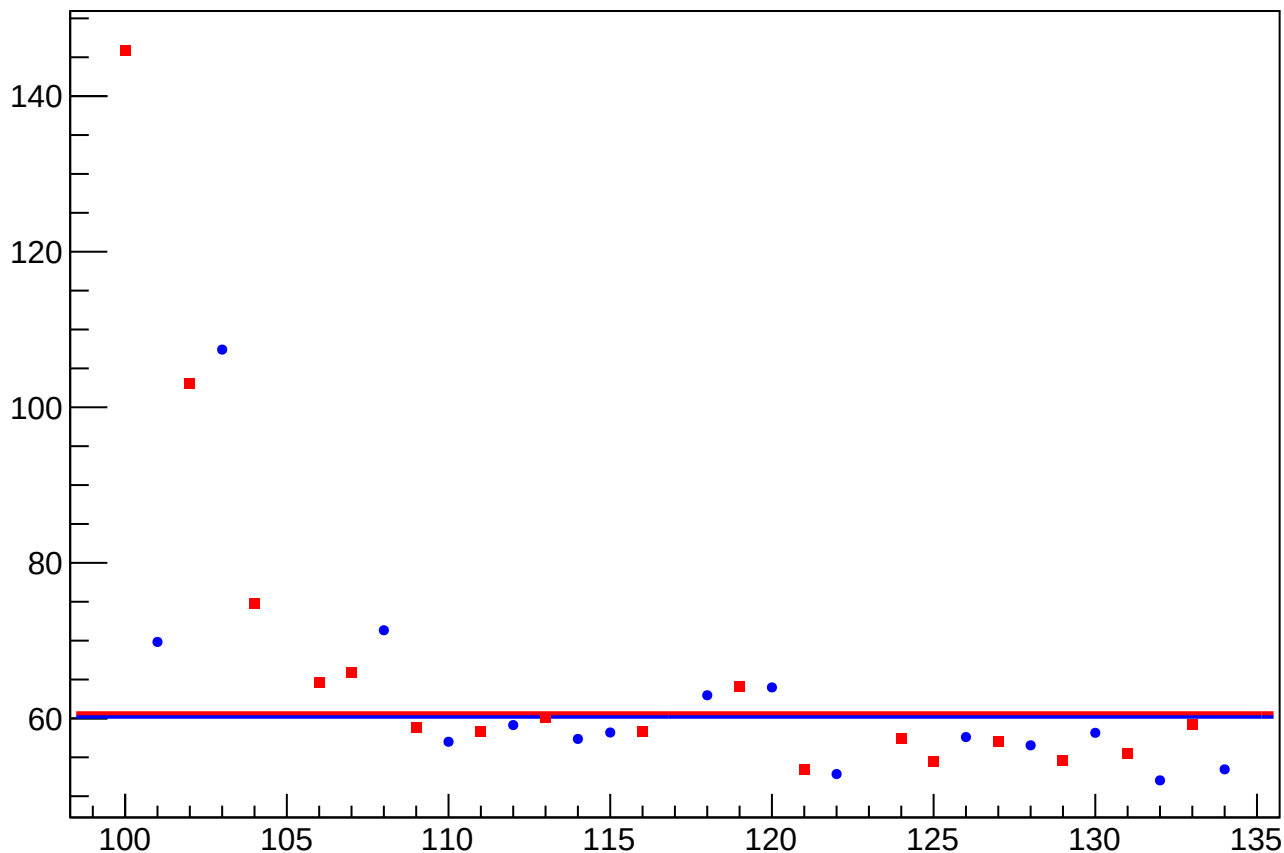
Right: 34.609 $\pm$ 17.012 χ^2 /NDF: 36.7/31

In: 43.911 $\pm$ 24.312 χ^2 /NDF: 15.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.609 $\pm$ 17.012 χ^2 /NDF: 36.7/31

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.216+/-0.017 χ^2/NDF : 336016.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.665+/-0.017 χ^2/NDF : 357751.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

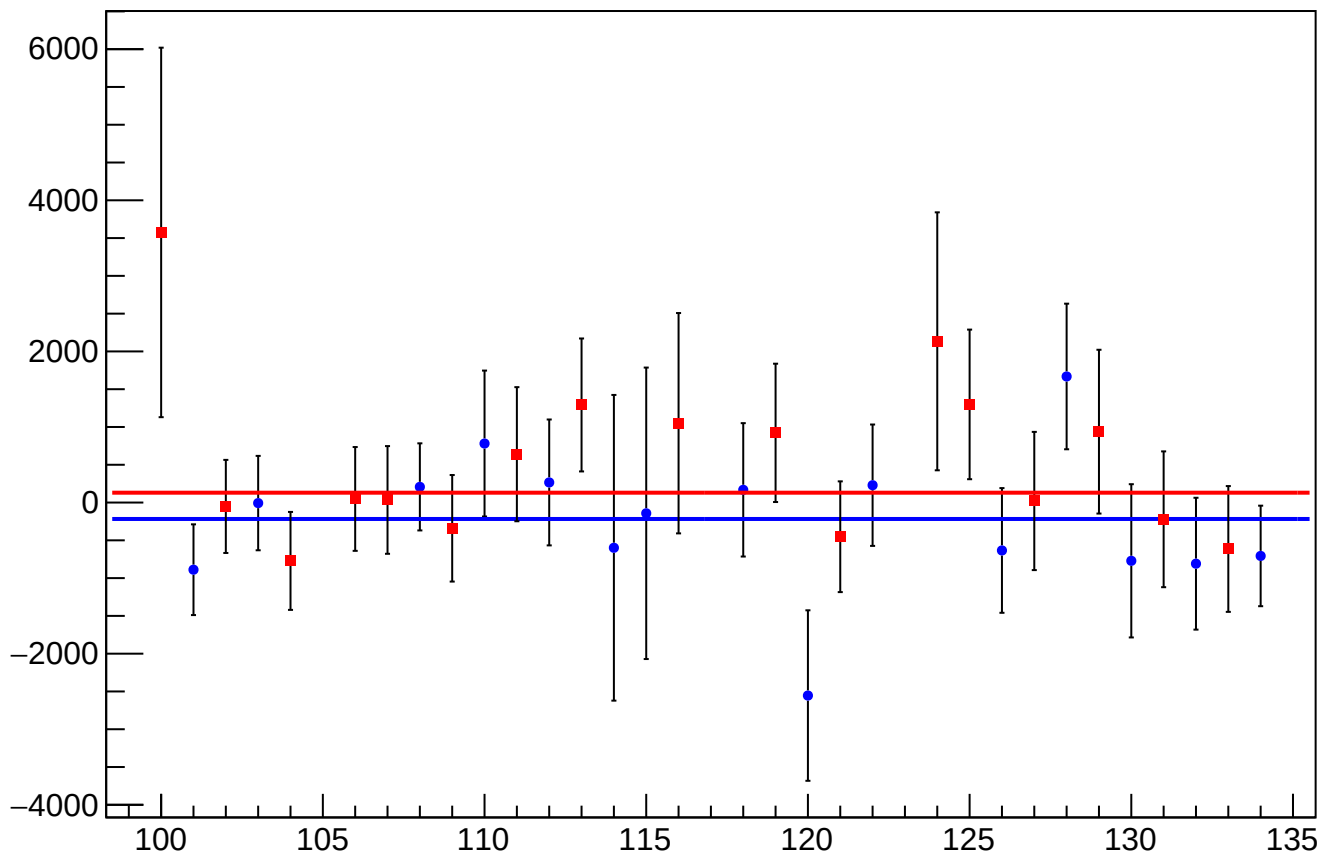
Right: 60.445+/-0.012 χ^2/NDF : 694116.4/31

In: 60.216+/-0.017 χ^2/NDF : 336016.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.445+/-0.012 χ^2/NDF : 694116.4/31

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -217.386+/-212.780 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.461+/-206.450 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

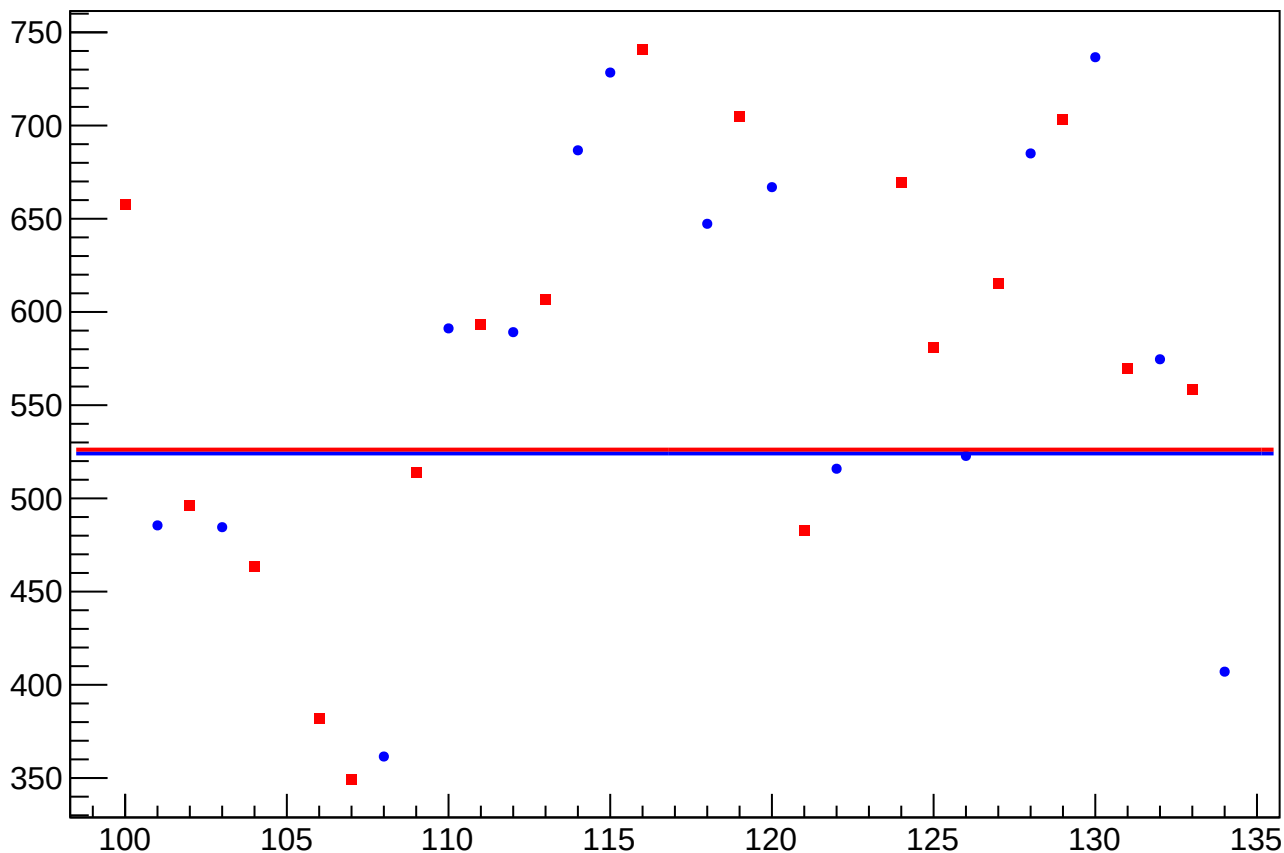
Right: -38.211+/-148.170 χ^2/NDF : 27.5/31

In: -217.386+/-212.780 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.211+/-148.170 χ^2/NDF : 27.5/31

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 524.110+/-0.150 χ^2/NDF : 516207.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.156+/-0.146 χ^2/NDF : 496628.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

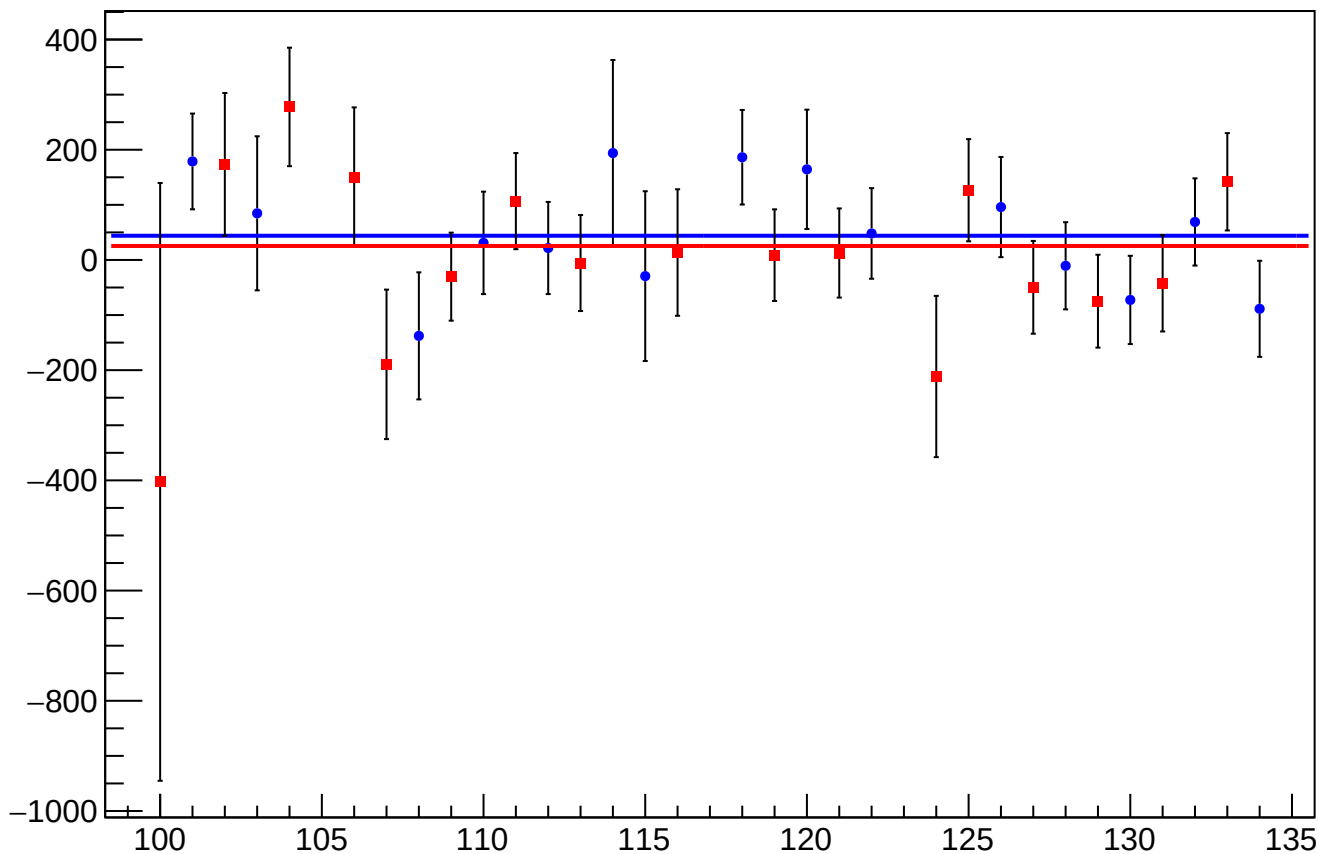
Right: 525.164+/-0.105 χ^2/NDF : 1012931.4/31

In: 524.110+/-0.150 χ^2/NDF : 516207.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.164+/-0.105 χ^2/NDF : 1012931.4/31

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.911 $\pm$ 24.312 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.371 $\pm$ 23.817 χ^2 /NDF: 20.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

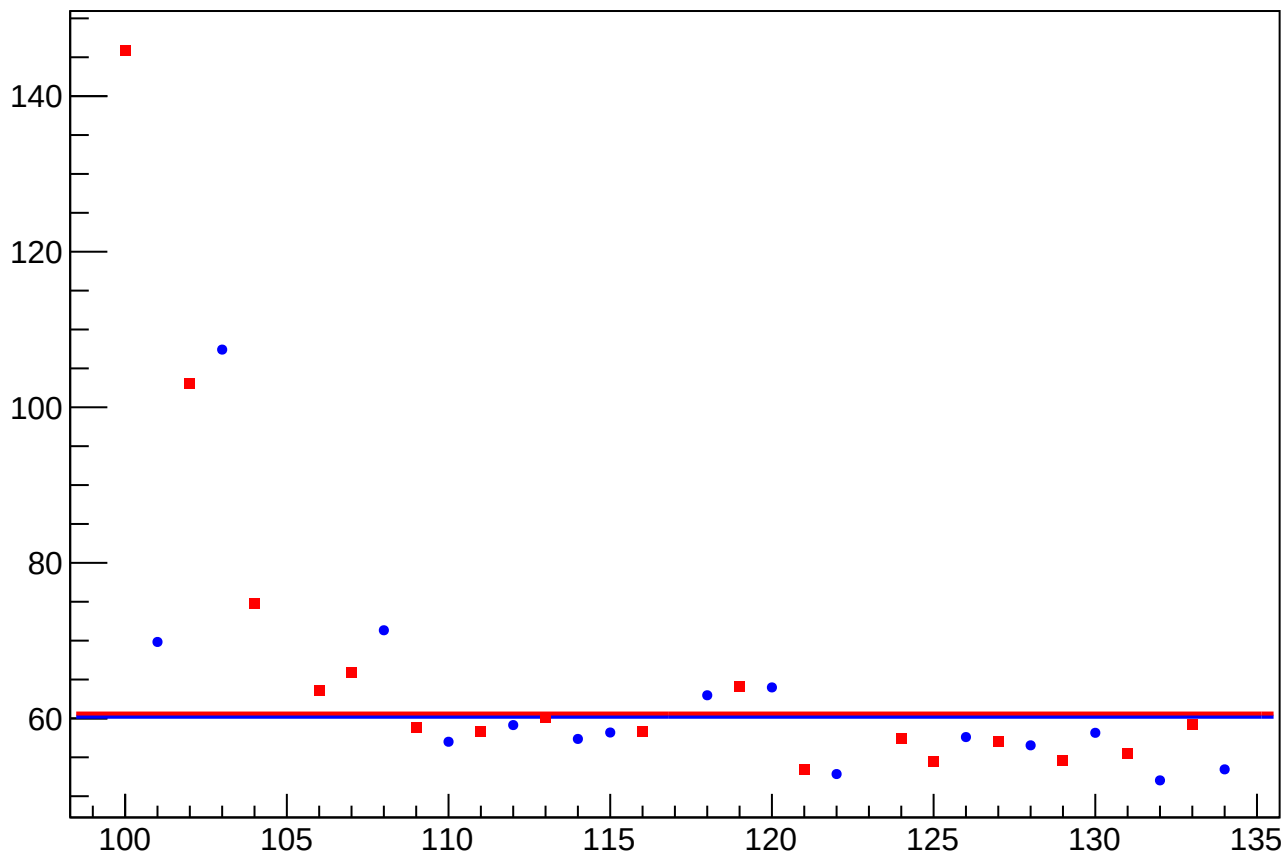
Right: 34.450 $\pm$ 17.014 χ^2 /NDF: 36.5/31

In: 43.911 $\pm$ 24.312 χ^2 /NDF:15.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.450 $\pm$ 17.014 χ^2 /NDF: 36.5/31

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.216+/-0.017 χ^2/NDF : 336019.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.628+/-0.017 χ^2/NDF : 357106.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

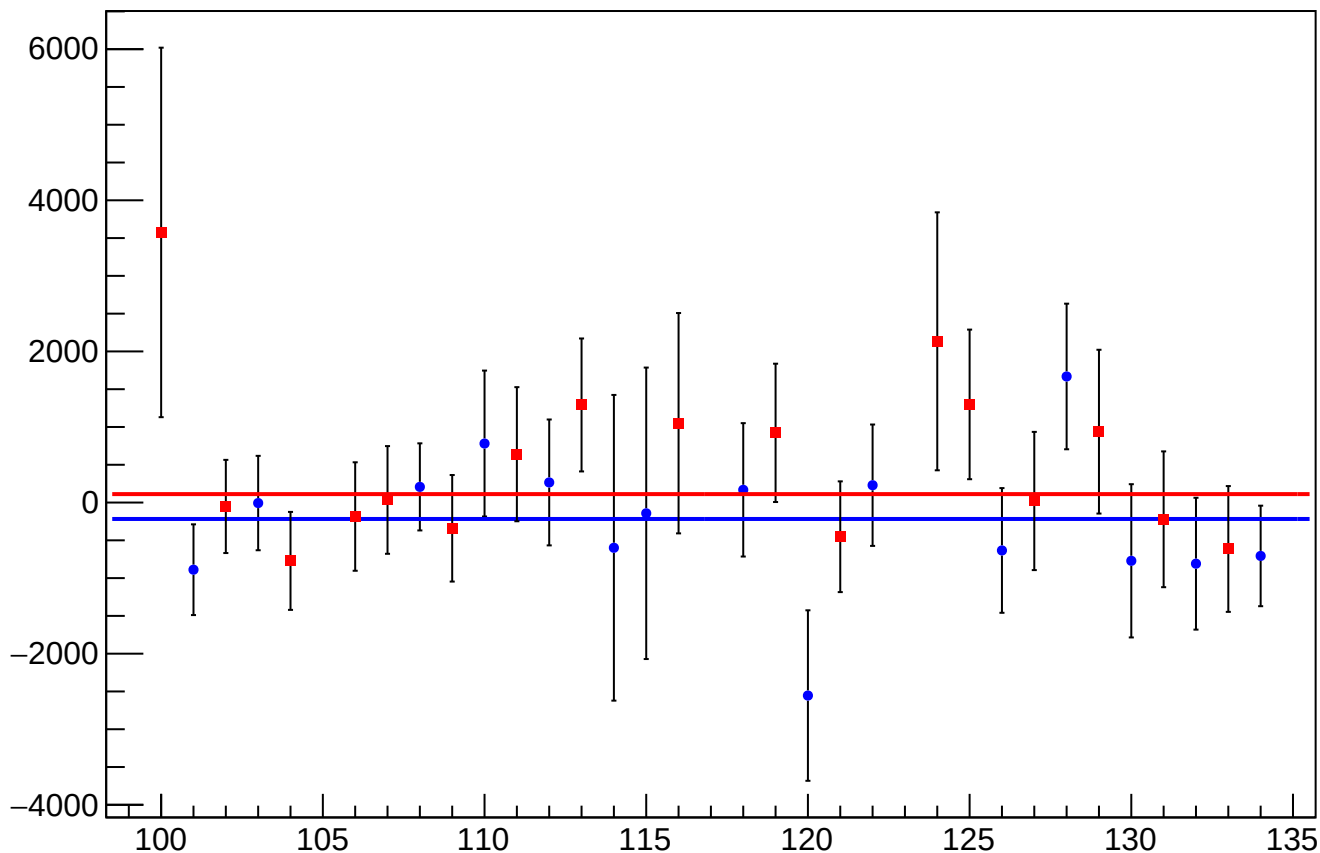
Right: 60.426+/-0.012 χ^2/NDF : 693420.2/31

In: 60.216+/-0.017 χ^2/NDF : 336019.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.426+/-0.012 χ^2/NDF : 693420.2/31

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -217.331+/-212.782 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.730+/-207.262 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

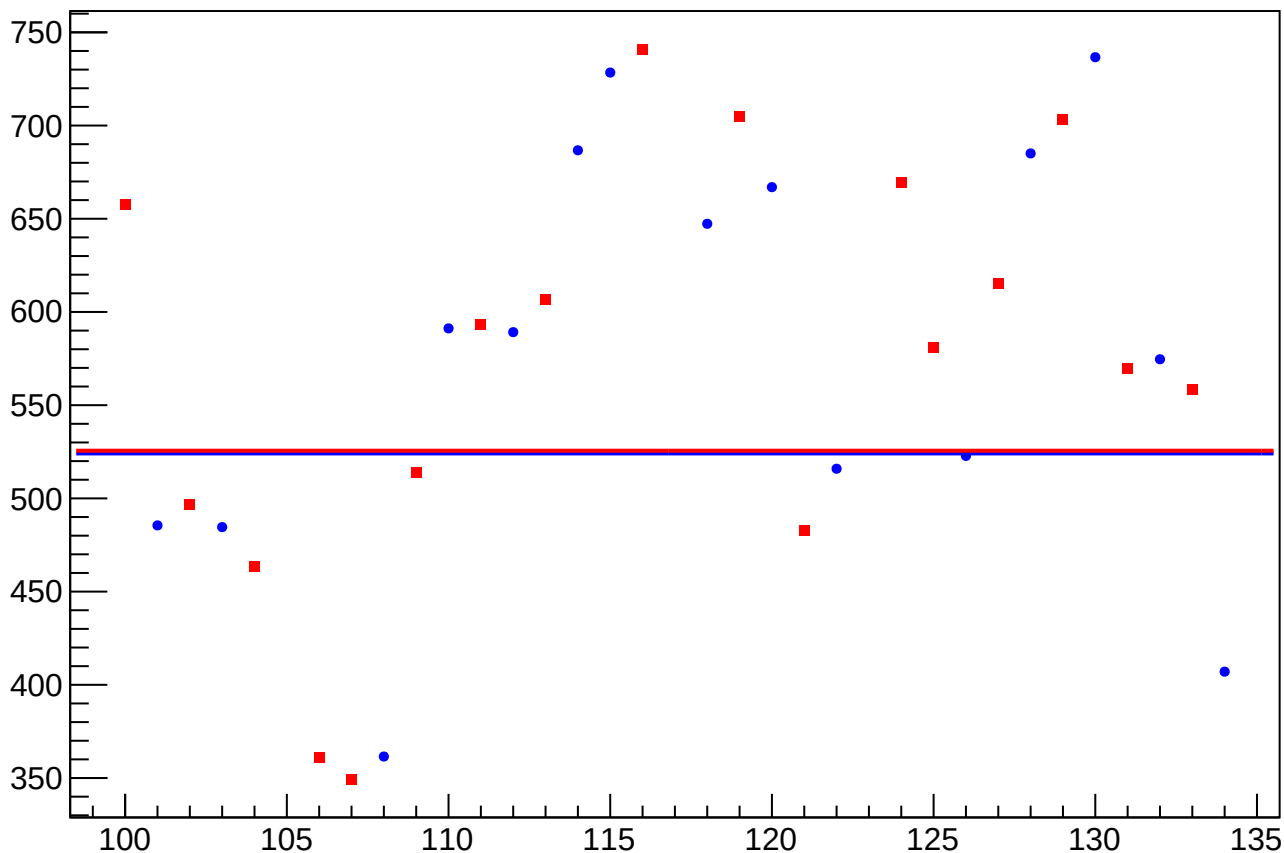
Right: -48.476+/-148.469 χ^2/NDF : 27.6/31

In: -217.331+/-212.782 χ^2/NDF : 13.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.476+/-148.469 χ^2/NDF : 27.6/31

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 524.114+/-0.150 χ^2/NDF : 516190.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 525.579+/-0.147 χ^2/NDF : 514177.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

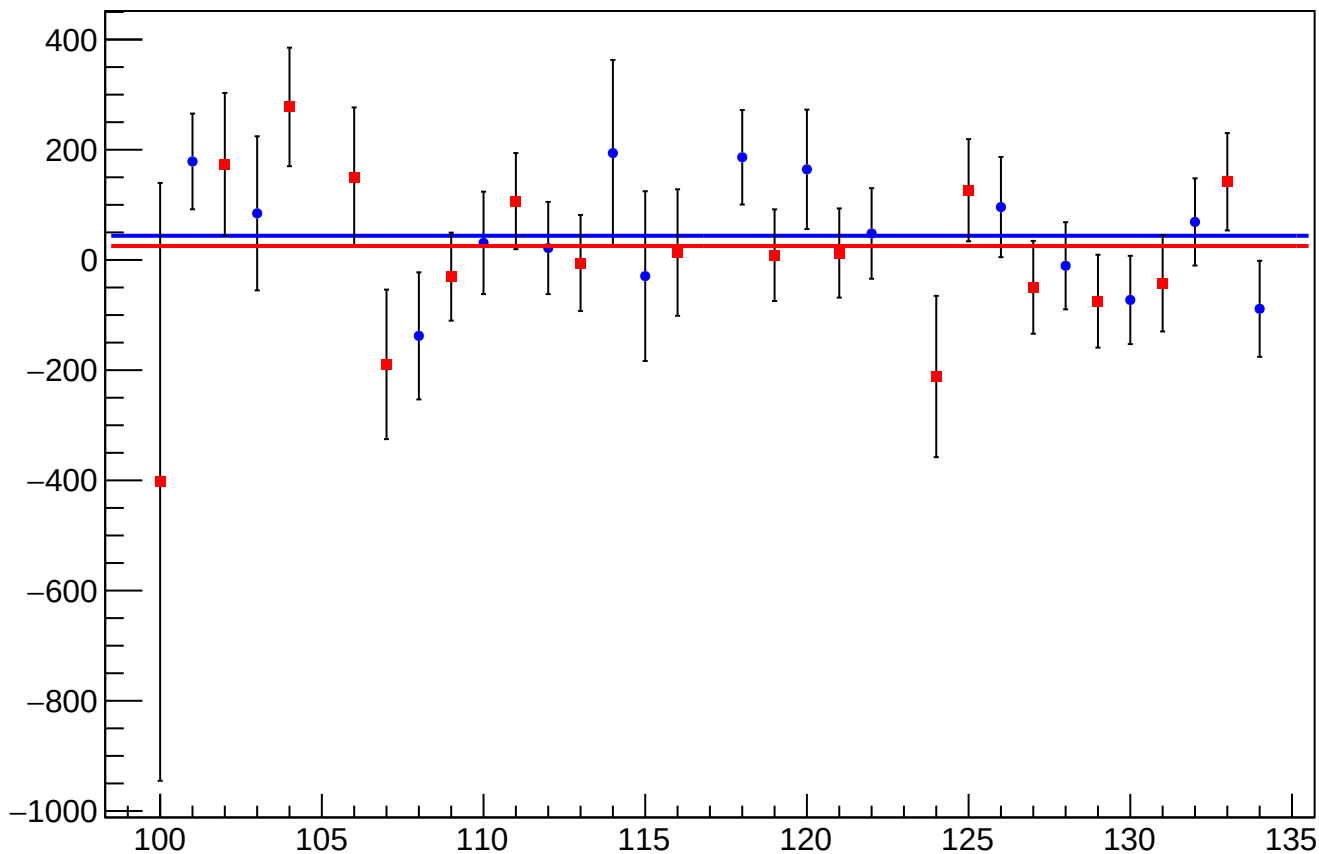
Right: 524.866+/-0.105 χ^2/NDF : 1030417.0/31

In: 524.114+/-0.150 χ^2/NDF :516190.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.866+/-0.105 χ^2/NDF : 1030417.0/31

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.911+/-24.312 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.371+/-23.817 χ^2/NDF : 20.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

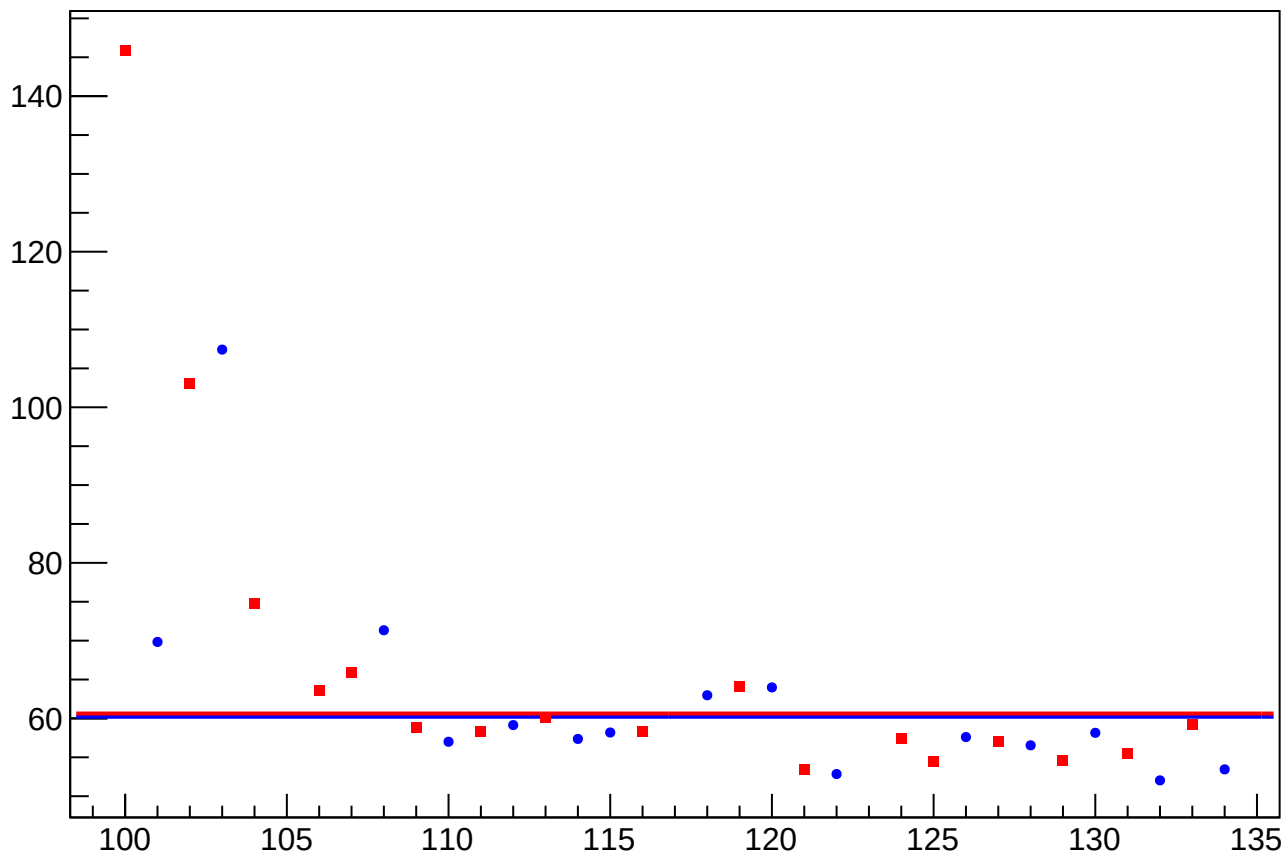
Right: 34.450+/-17.014 χ^2/NDF : 36.5/31

In: 43.911+/-24.312 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.450+/-17.014 χ^2/NDF : 36.5/31

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.216+/-0.017 χ^2/NDF : 336019.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.628+/-0.017 χ^2/NDF : 357106.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

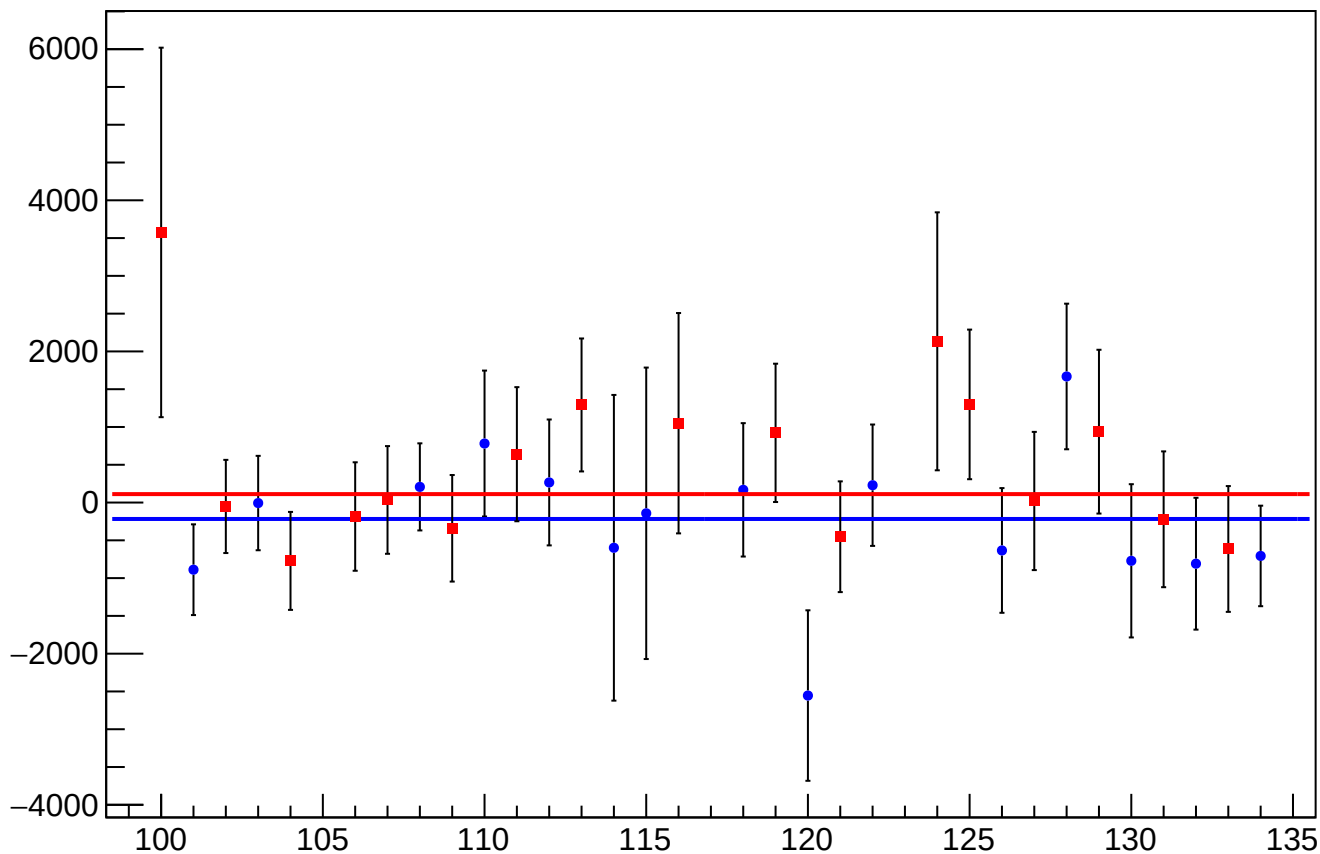
Right: 60.426+/-0.012 χ^2/NDF : 693420.2/31

In: 60.216+/-0.017 χ^2/NDF : 336019.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.426+/-0.012 χ^2/NDF : 693420.2/31

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -217.331 $\pm$ 212.782 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.730 $\pm$ 207.262 χ^2 /NDF: 12.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

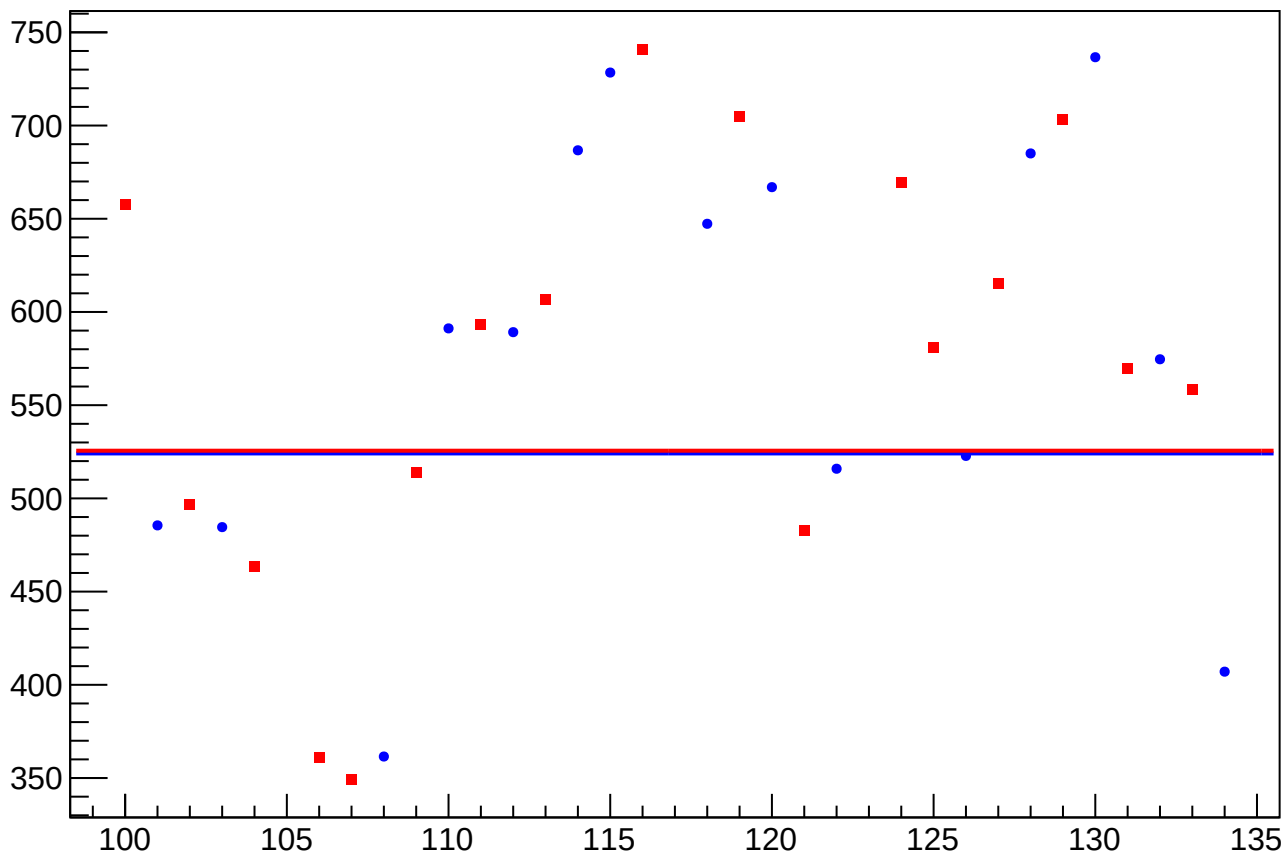
Right: -48.476 $\pm$ 148.469 χ^2 /NDF: 27.6/31

In: -217.331 $\pm$ 212.782 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.476 $\pm$ 148.469 χ^2 /NDF: 27.6/31

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 524.114+/-0.150 χ^2/NDF : 516190.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 525.579+/-0.147 χ^2/NDF : 514177.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

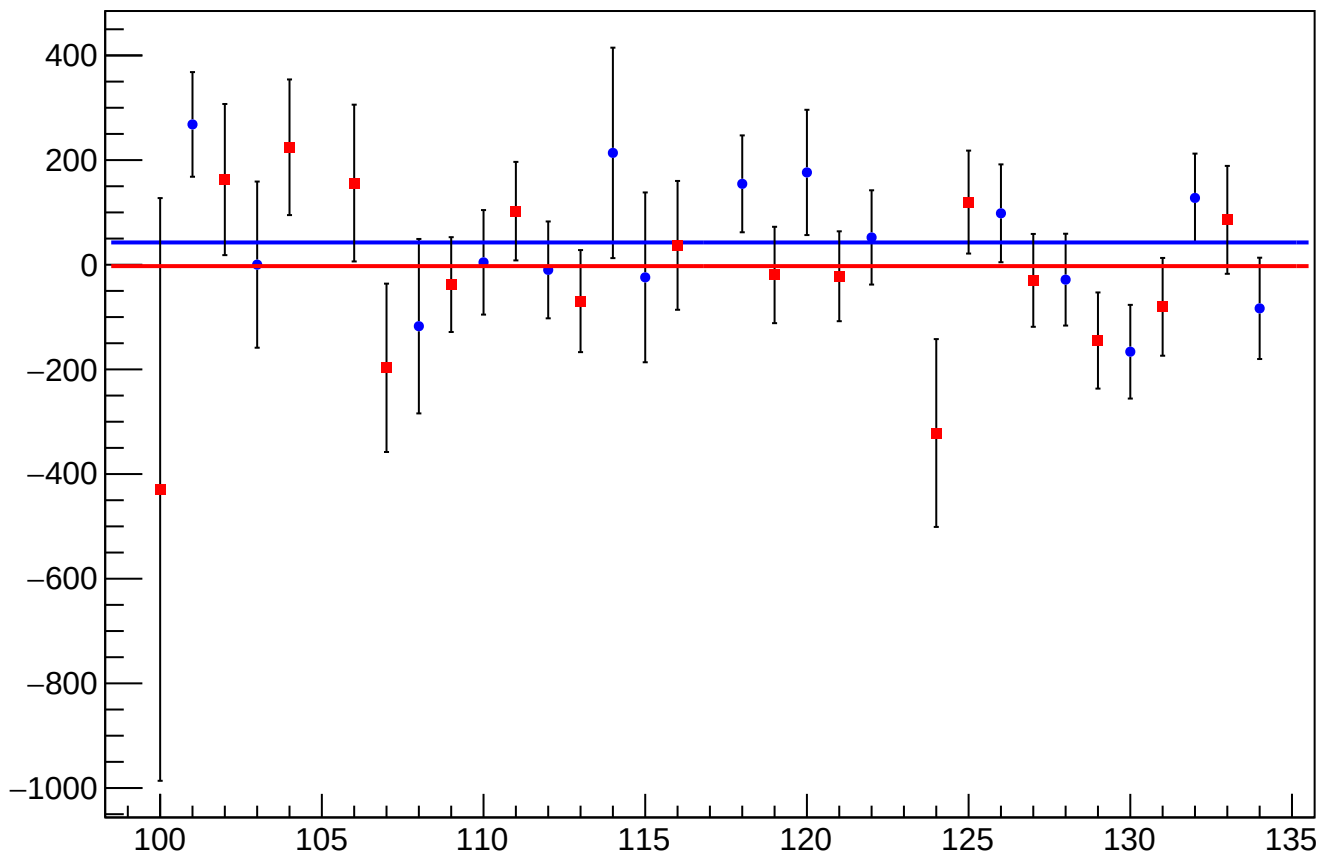
Right: 524.866+/-0.105 χ^2/NDF : 1030417.0/31

In: 524.114+/-0.150 χ^2/NDF :516190.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.866+/-0.105 χ^2/NDF : 1030417.0/31

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.598 $\pm$ 26.917 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.617 $\pm$ 26.337 χ^2 /NDF: 18.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

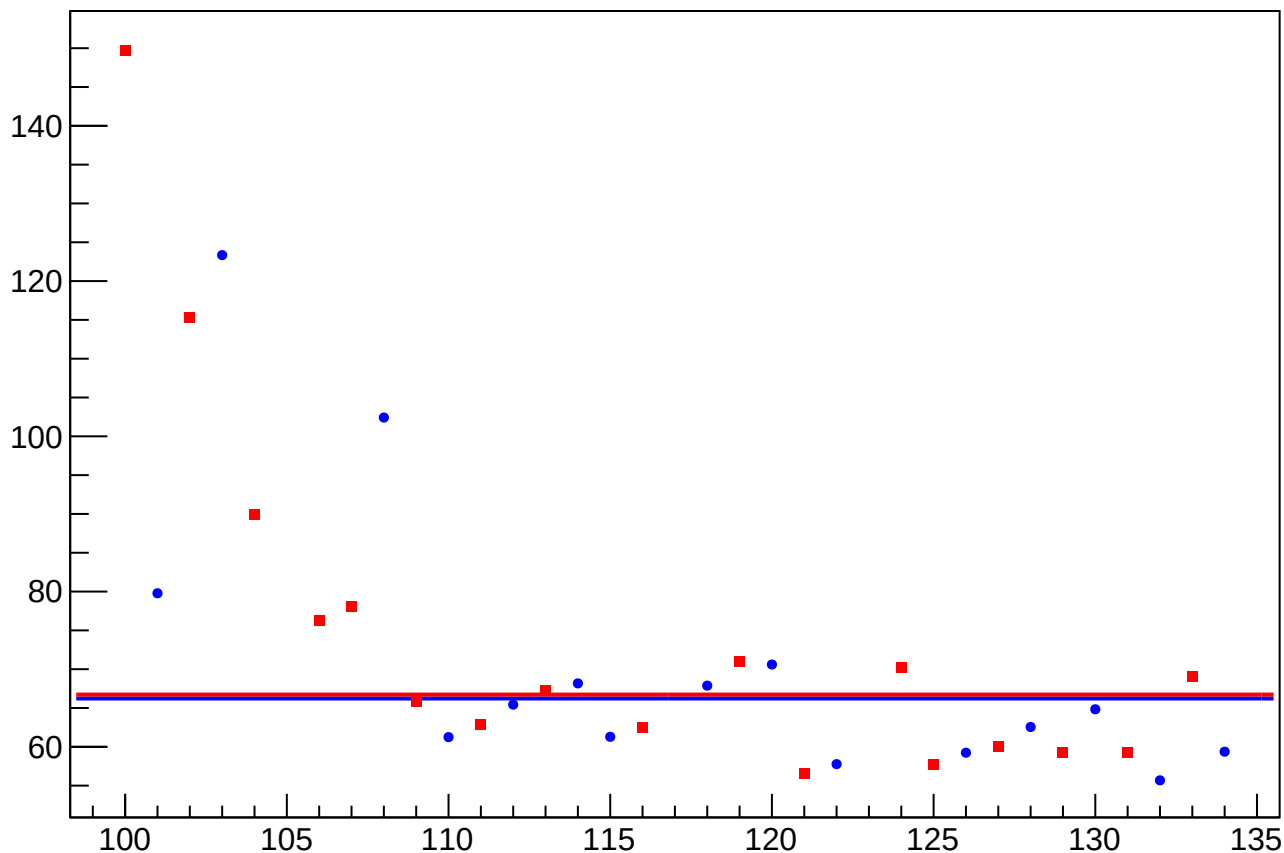
Right: 19.498 $\pm$ 18.825 χ^2 /NDF: 39.0/31

In: 42.598 $\pm$ 26.917 χ^2 /NDF:19.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.498 $\pm$ 18.825 χ^2 /NDF: 39.0/31

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.225+/-0.019 χ^2/NDF : 474112.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.731+/-0.019 χ^2/NDF : 446856.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

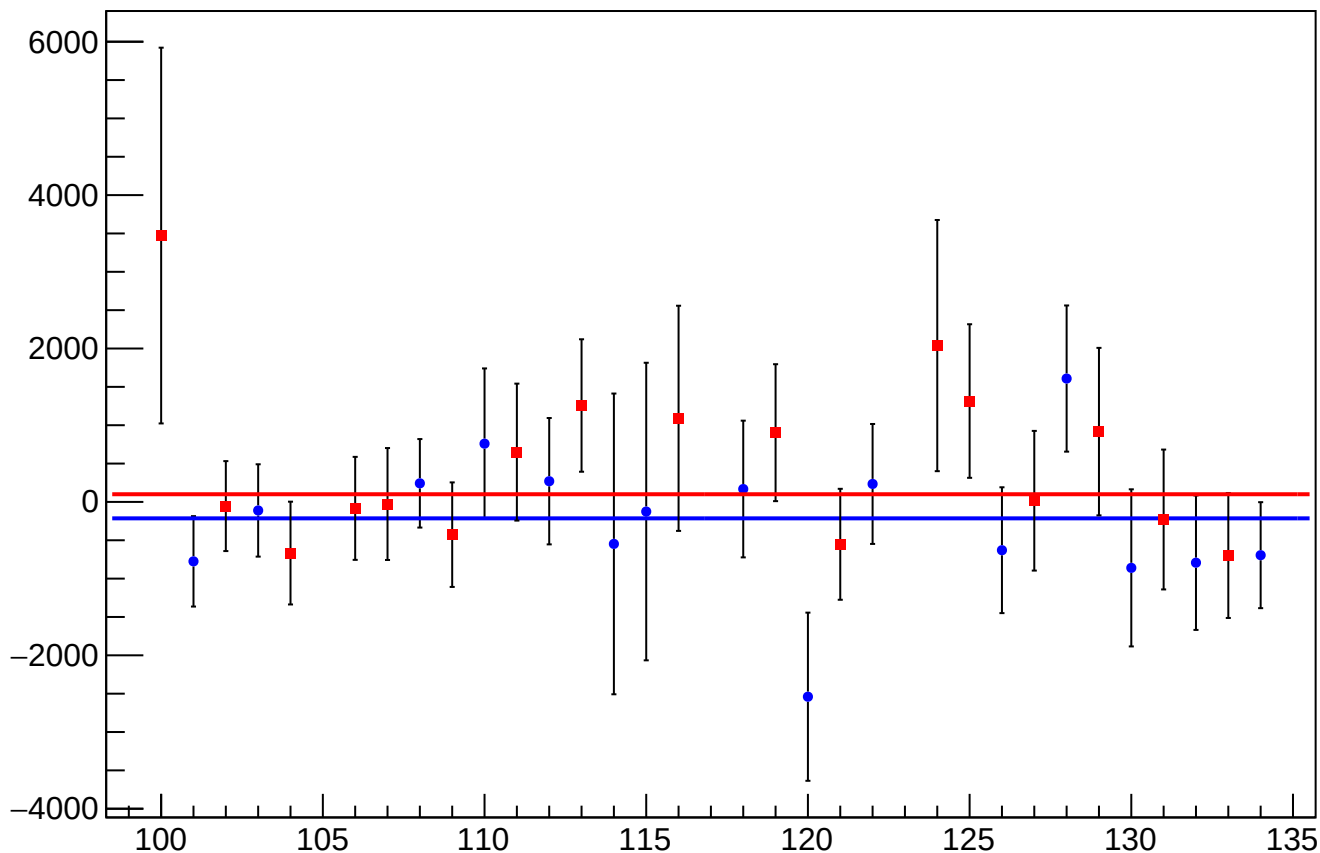
Right: 66.483+/-0.013 χ^2/NDF : 921329.7/31

In: 66.225+/-0.019 χ^2/NDF : 474112.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.483+/-0.013 χ^2/NDF : 921329.7/31

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.279+/-211.546 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.120+/-204.530 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

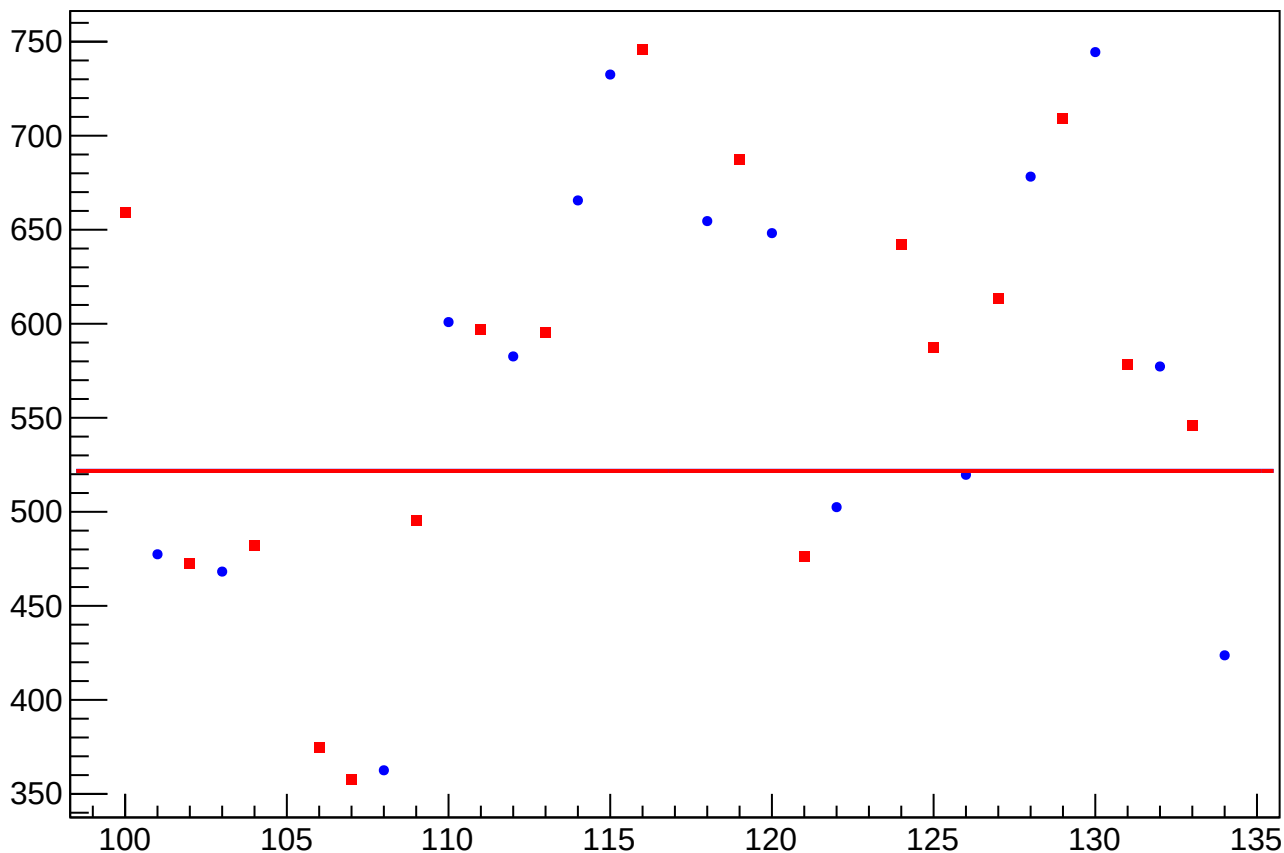
Right: -51.779+/-147.042 χ^2/NDF : 27.1/31

In: -214.279+/-211.546 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.779+/-147.042 χ^2/NDF : 27.1/31

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 521.809 $\pm$ 0.150 χ^2 /NDF: 506744.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.720 $\pm$ 0.145 χ^2 /NDF: 487728.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

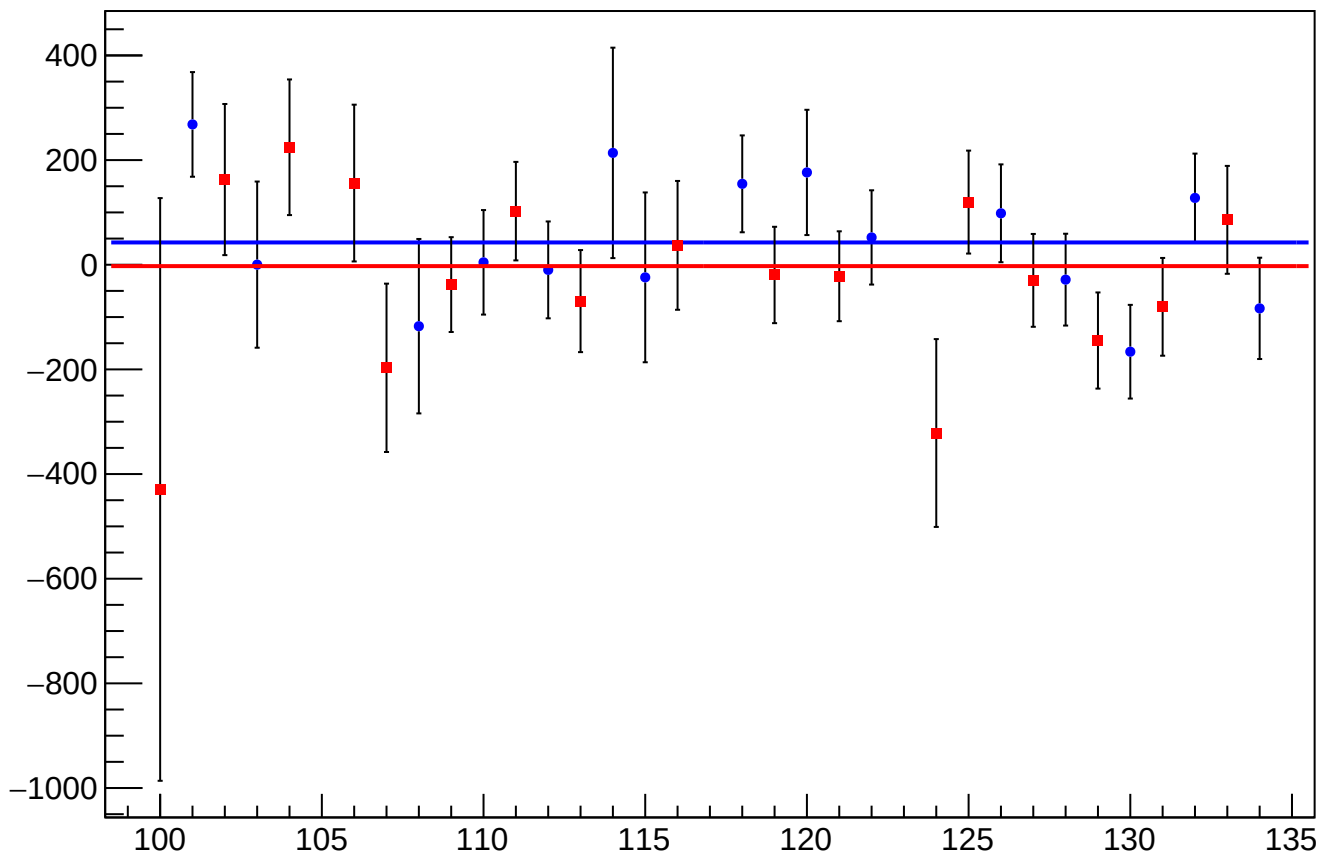
Right: 521.763 $\pm$ 0.104 χ^2 /NDF: 994473.3/31

In: 521.809 $\pm$ 0.150 χ^2 /NDF:506744.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 521.763 $\pm$ 0.104 χ^2 /NDF: 994473.3/31

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.599 $\pm$ 26.917 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.618 $\pm$ 26.337 χ^2 /NDF: 18.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

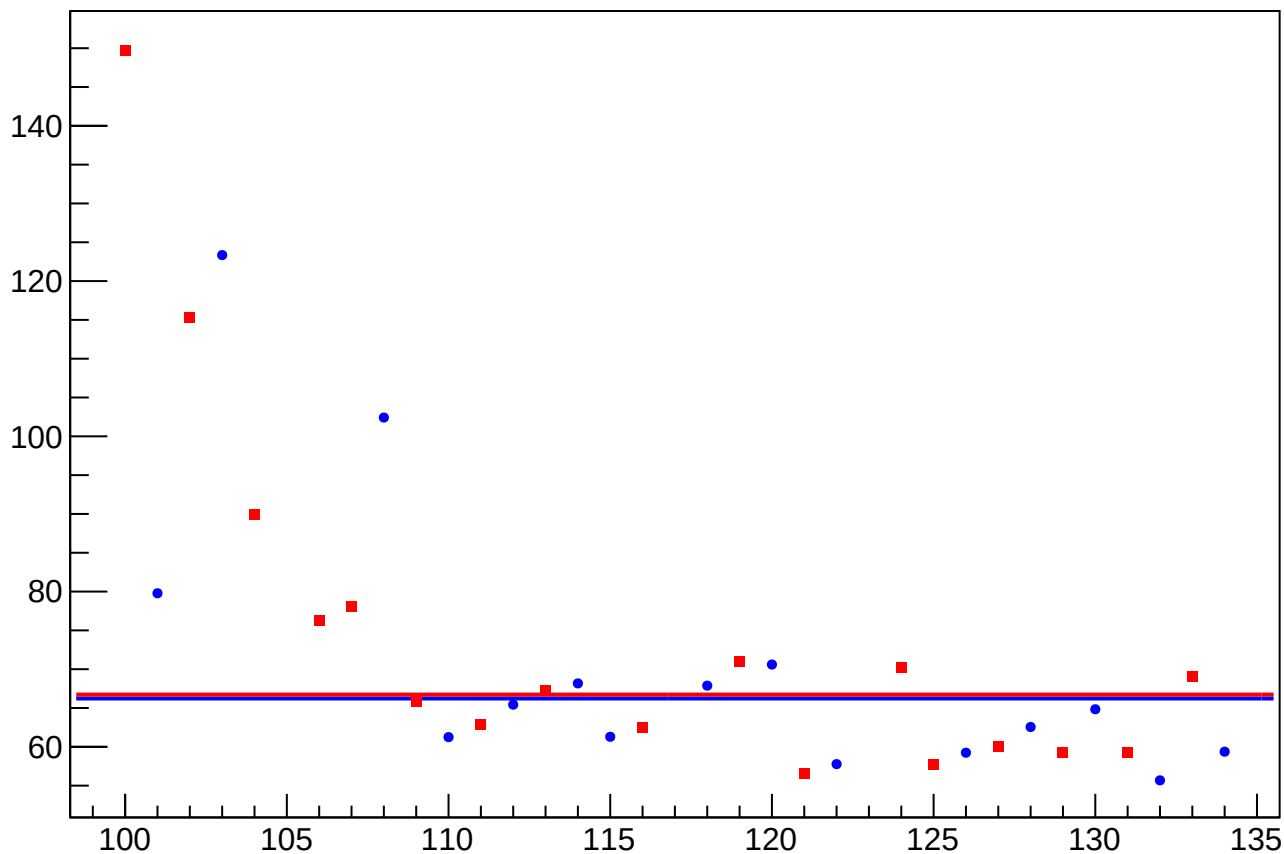
Right: 19.498 $\pm$ 18.825 χ^2 /NDF: 39.0/31

In: 42.599 $\pm$ 26.917 χ^2 /NDF:19.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.498 $\pm$ 18.825 χ^2 /NDF: 39.0/31

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.225+/-0.019 χ^2/NDF : 474115.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.731+/-0.019 χ^2/NDF : 446857.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

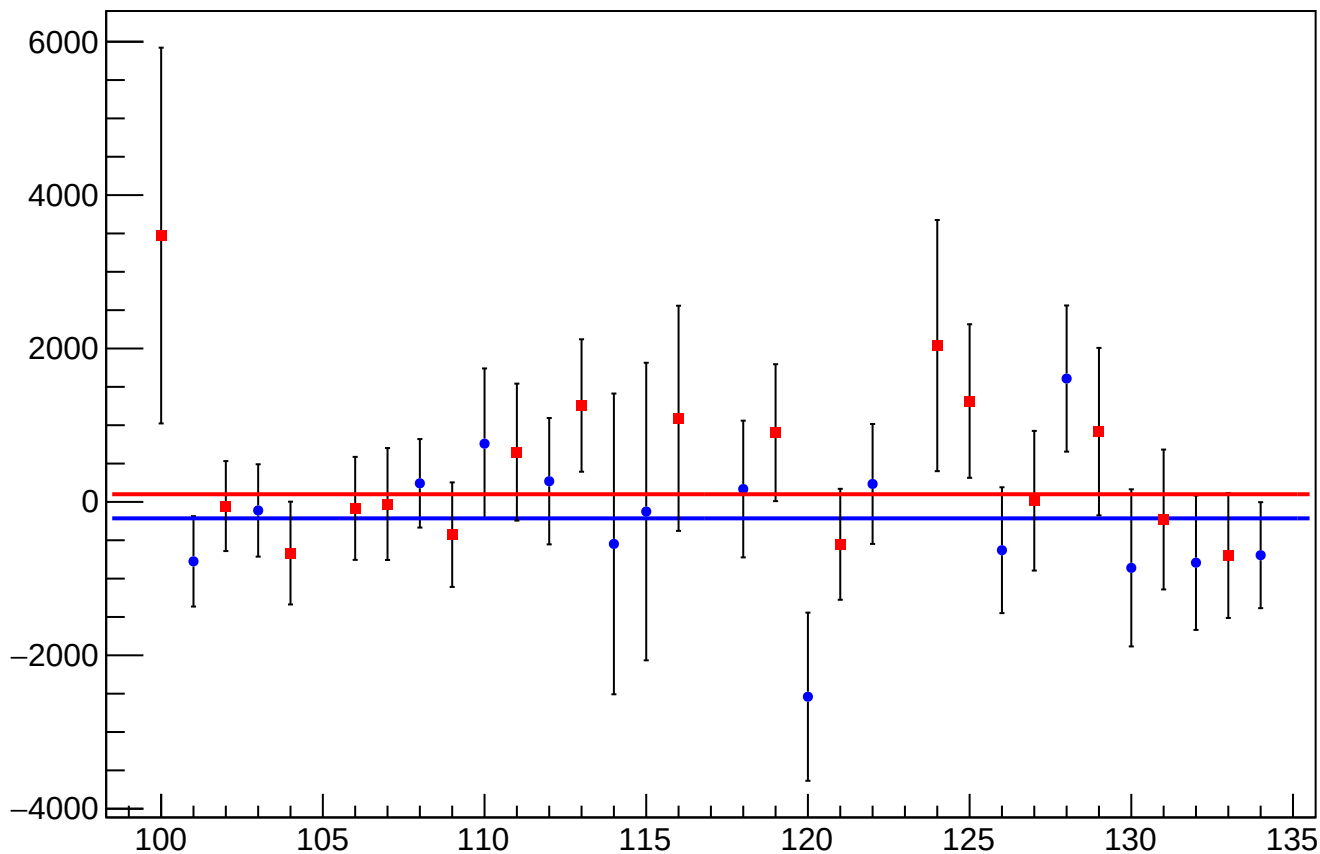
Right: 66.483+/-0.013 χ^2/NDF : 921333.4/31

In: 66.225+/-0.019 χ^2/NDF : 474115.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.483+/-0.013 χ^2/NDF : 921333.4/31

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.278+/-211.546 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.119+/-204.530 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

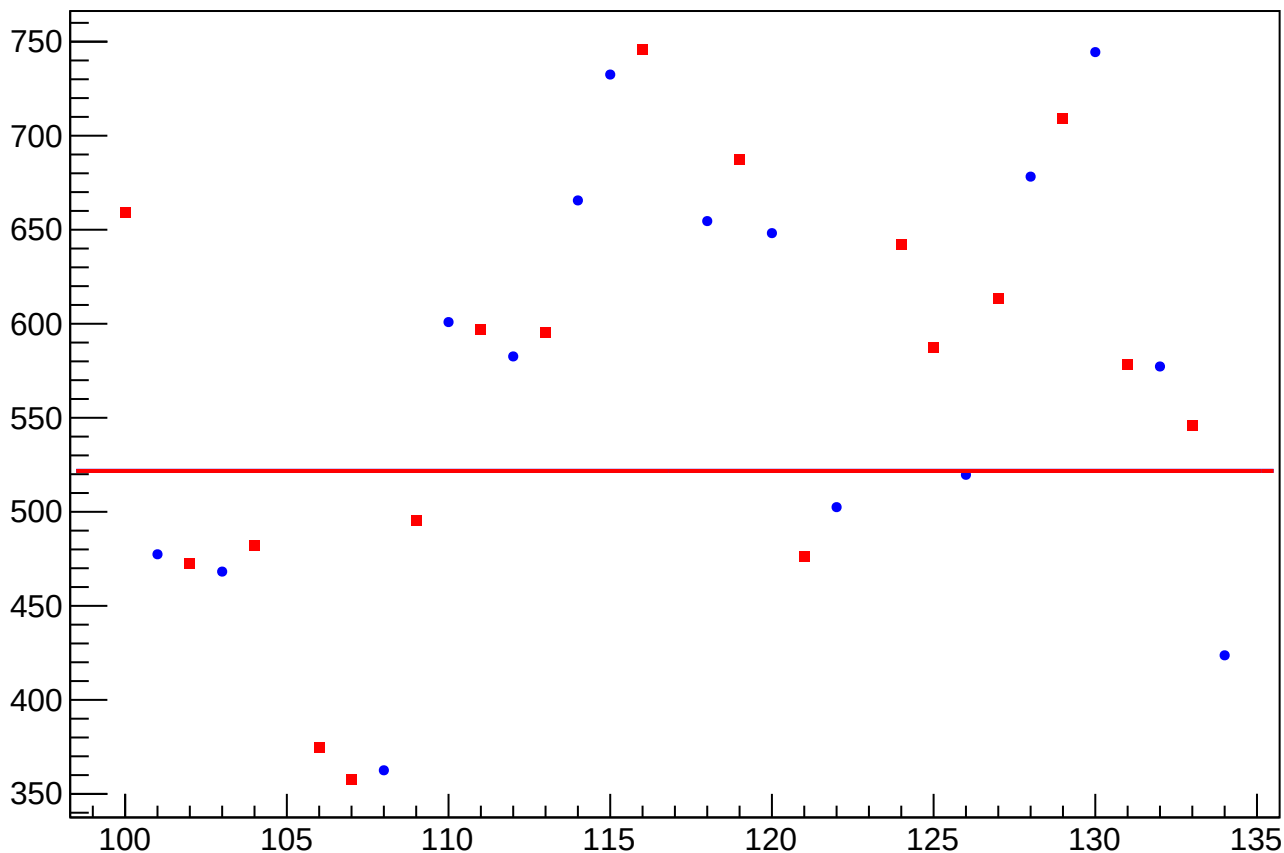
Right: -51.780+/-147.042 χ^2/NDF : 27.1/31

In: -214.278+/-211.546 χ^2/NDF : 13.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.780+/-147.042 χ^2/NDF : 27.1/31

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 521.809+/-0.150 χ^2/NDF : 506747.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.719+/-0.145 χ^2/NDF : 487730.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

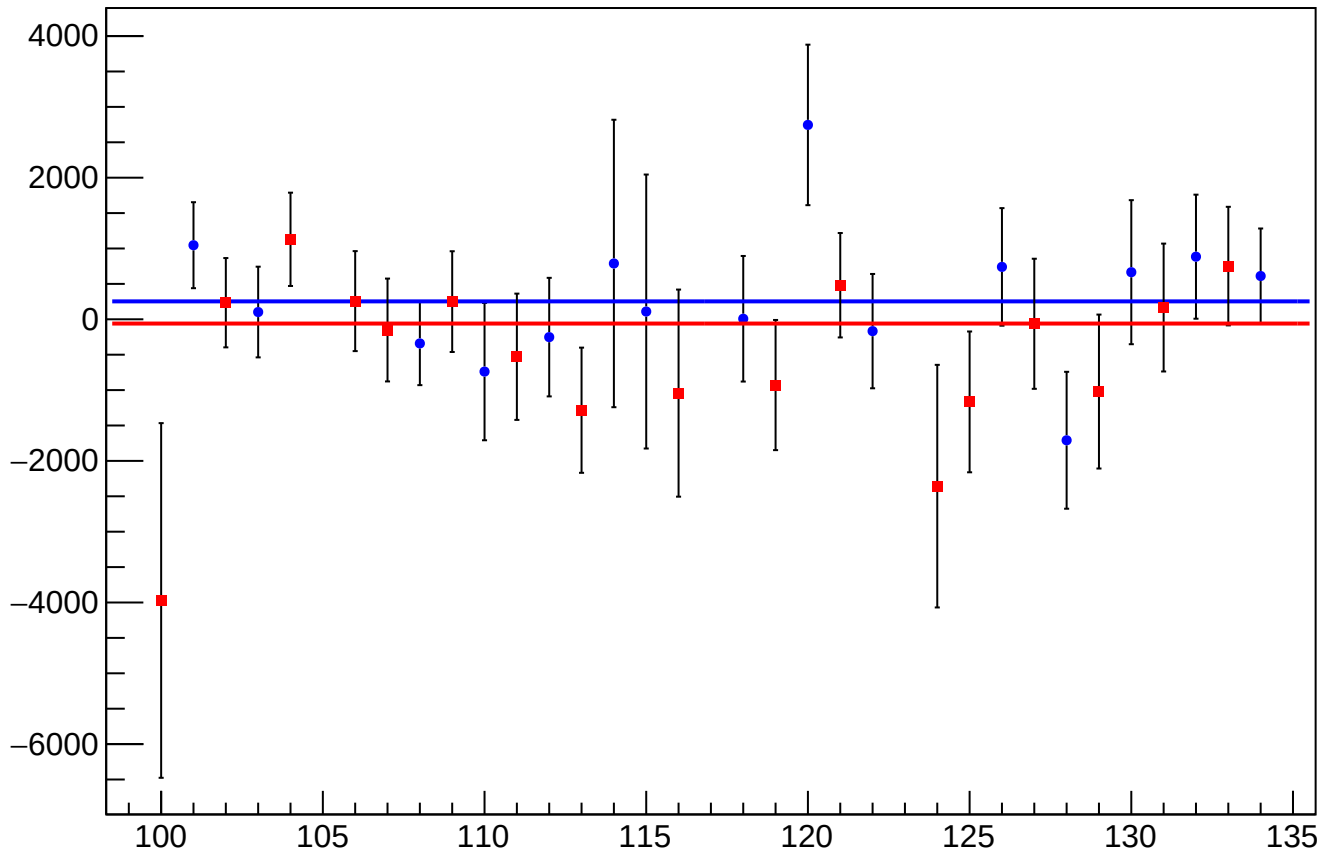
Right: 521.762+/-0.104 χ^2/NDF : 994477.5/31

In: 521.809+/-0.150 χ^2/NDF : 506747.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.762+/-0.104 χ^2/NDF : 994477.5/31

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 253.057 $\pm$ 215.054 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.206 $\pm$ 208.905 χ^2 /NDF: 15.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

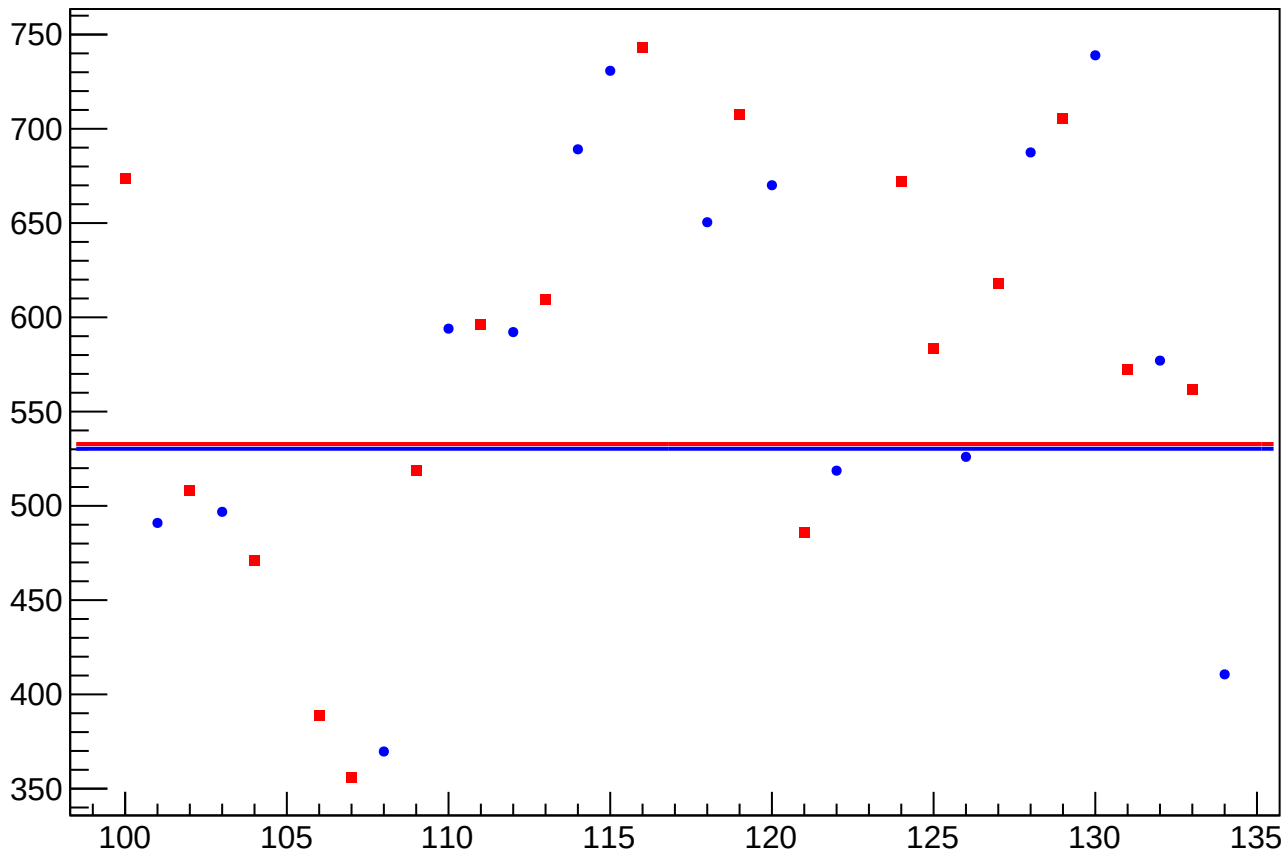
Right: 91.883 $\pm$ 149.845 χ^2 /NDF: 31.2/31

In: 253.057 $\pm$ 215.054 χ^2 /NDF:14.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.883 $\pm$ 149.845 χ^2 /NDF: 31.2/31

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 530.287+/-0.152 χ^2/NDF : 489547.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.802+/-0.148 χ^2/NDF : 469001.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

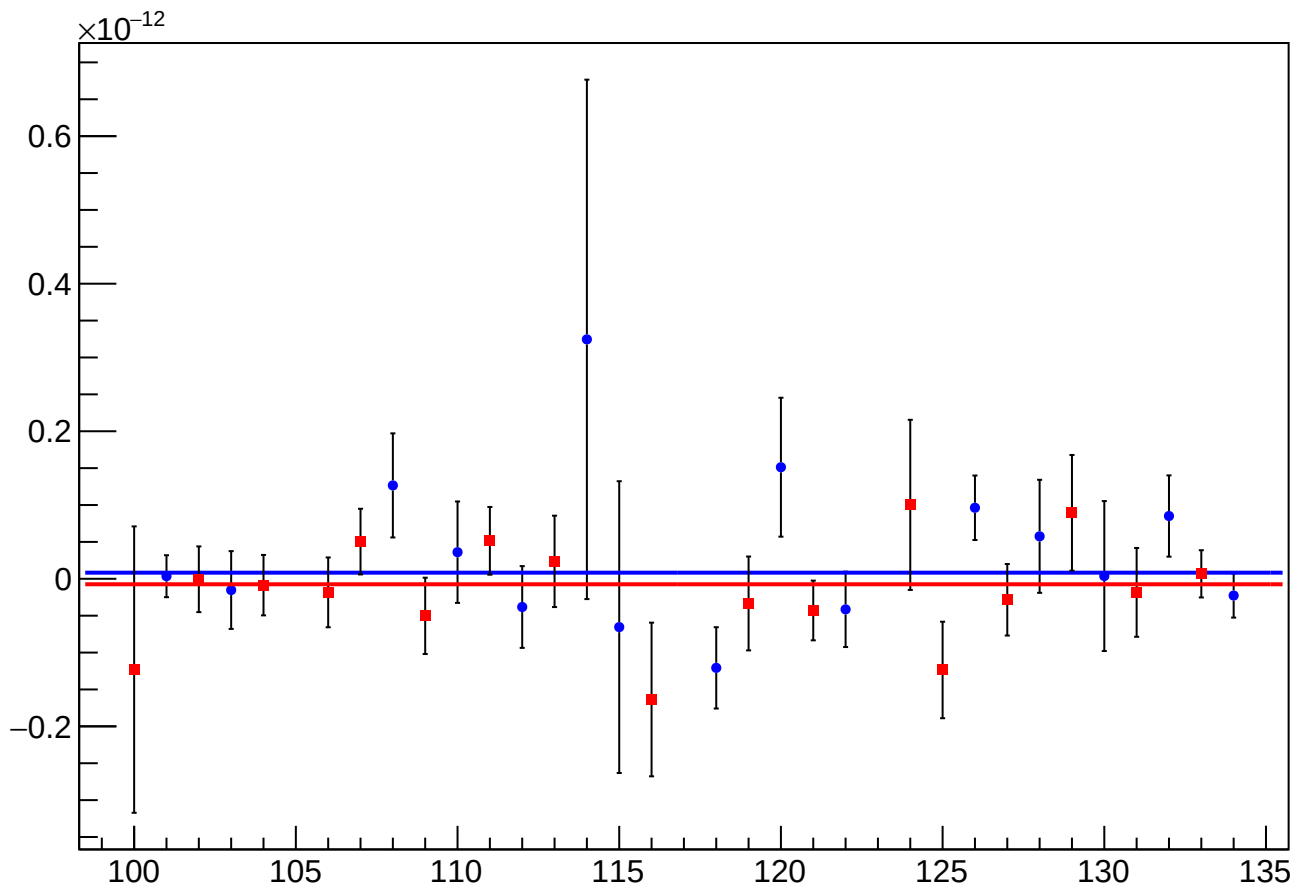
Right: 531.581+/-0.106 χ^2/NDF : 958689.4/31

In: 530.287+/-0.152 χ^2/NDF : 489547.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.581+/-0.106 χ^2/NDF : 958689.4/31

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

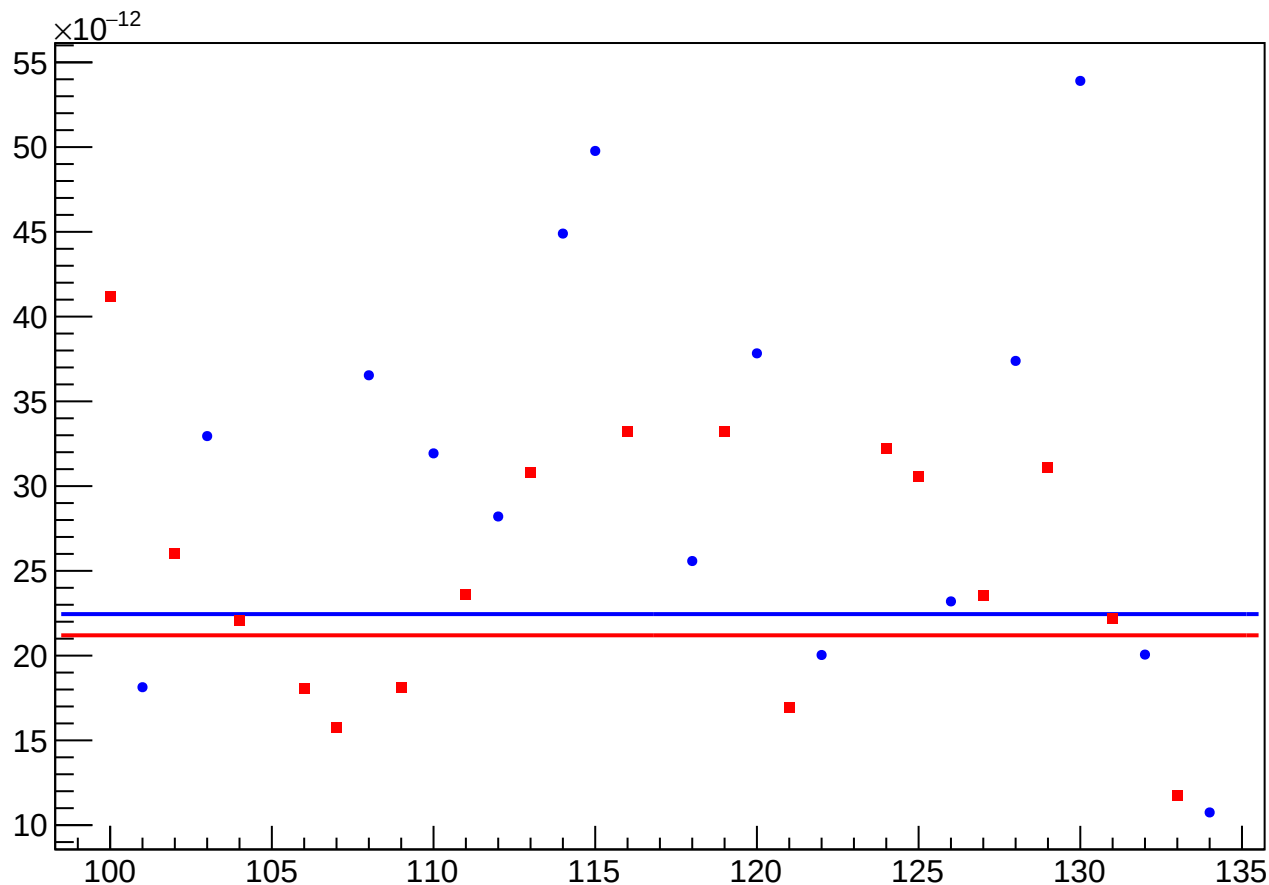
Right: -0.000+/-0.000 χ^2/NDF : 35.6/31

In: 0.000+/-0.000 χ^2/NDF : 21.1/14

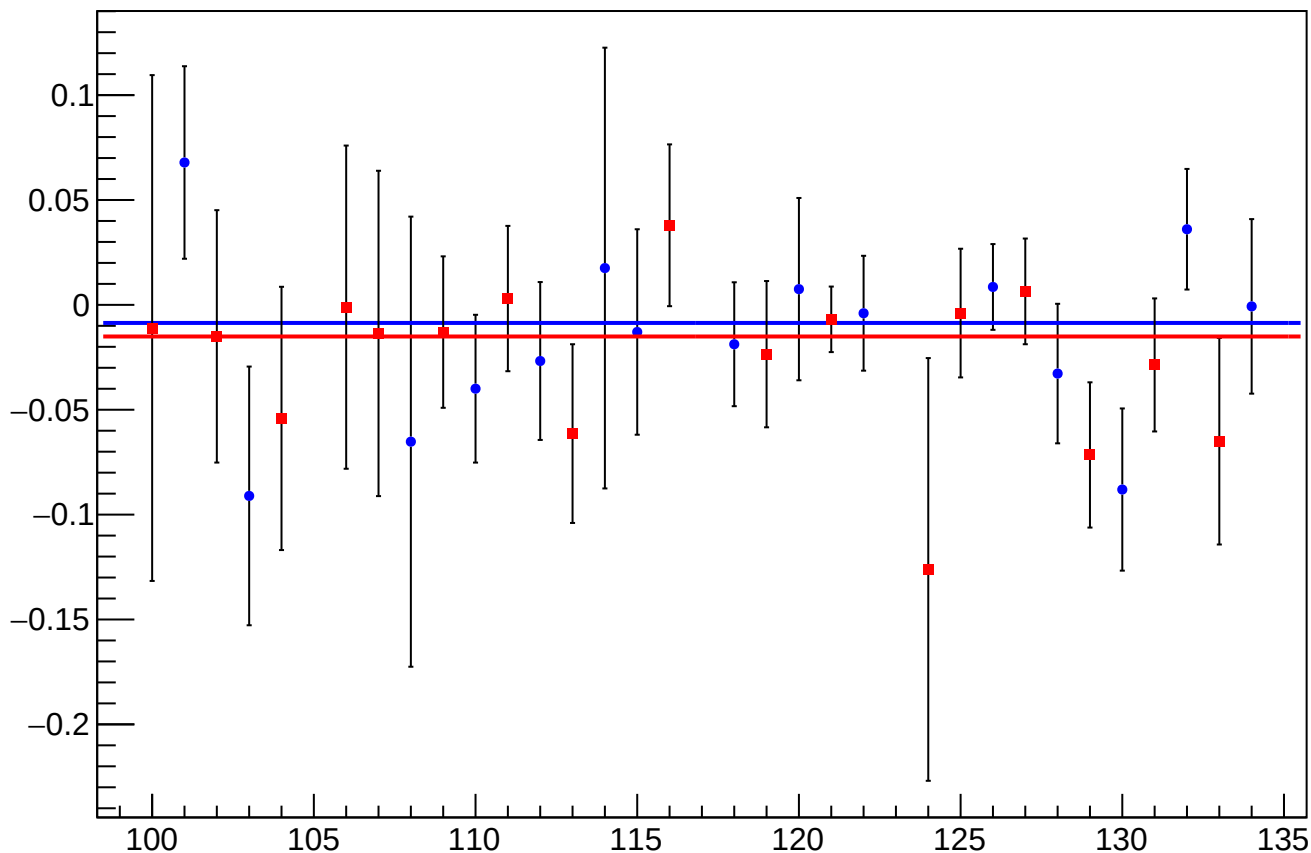
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.6/31

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.009 χ^2/NDF : 10.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

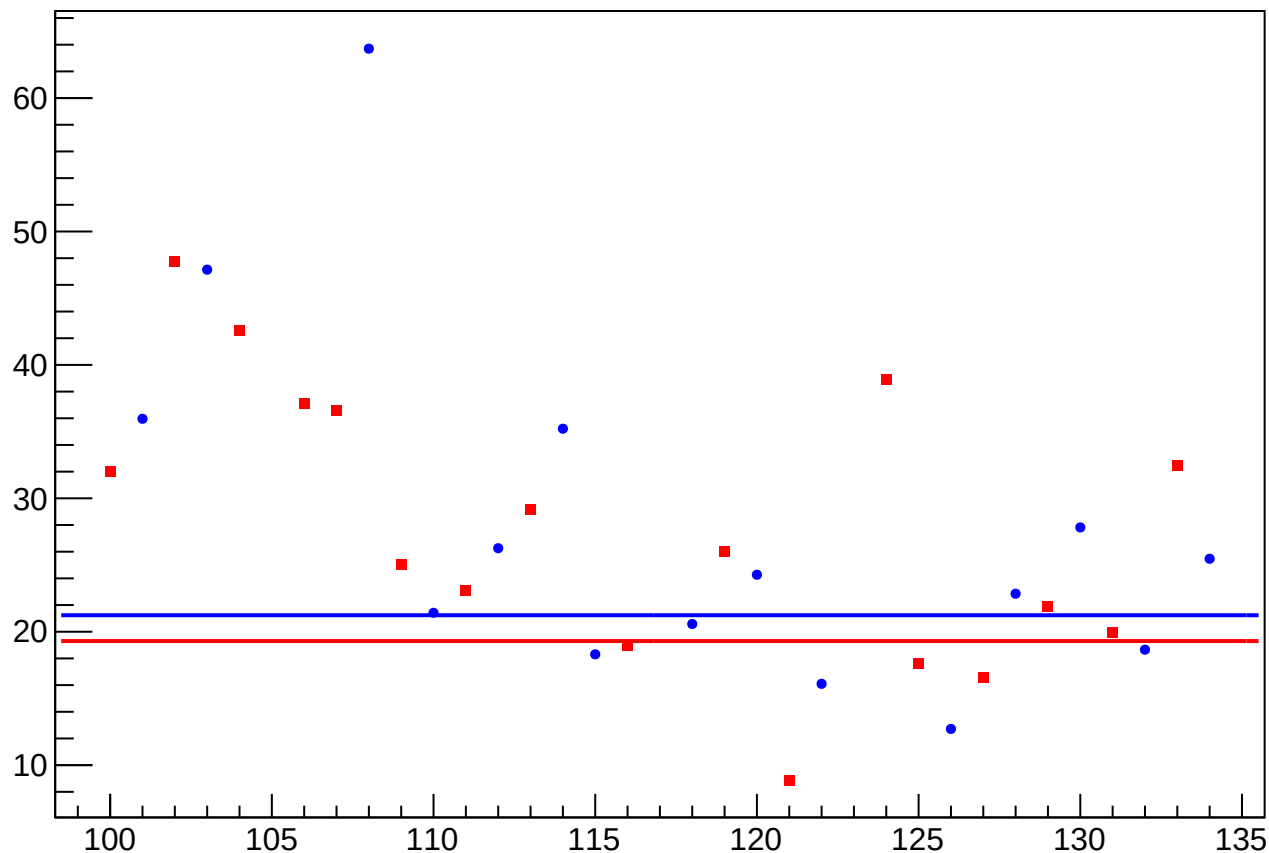
Right: -0.012 ± 0.006 χ^2/NDF : 24.4/31

In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 24.4/31

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.238+/-0.007 χ^2/NDF : 1478630.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.301+/-0.006 χ^2/NDF : 2363870.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

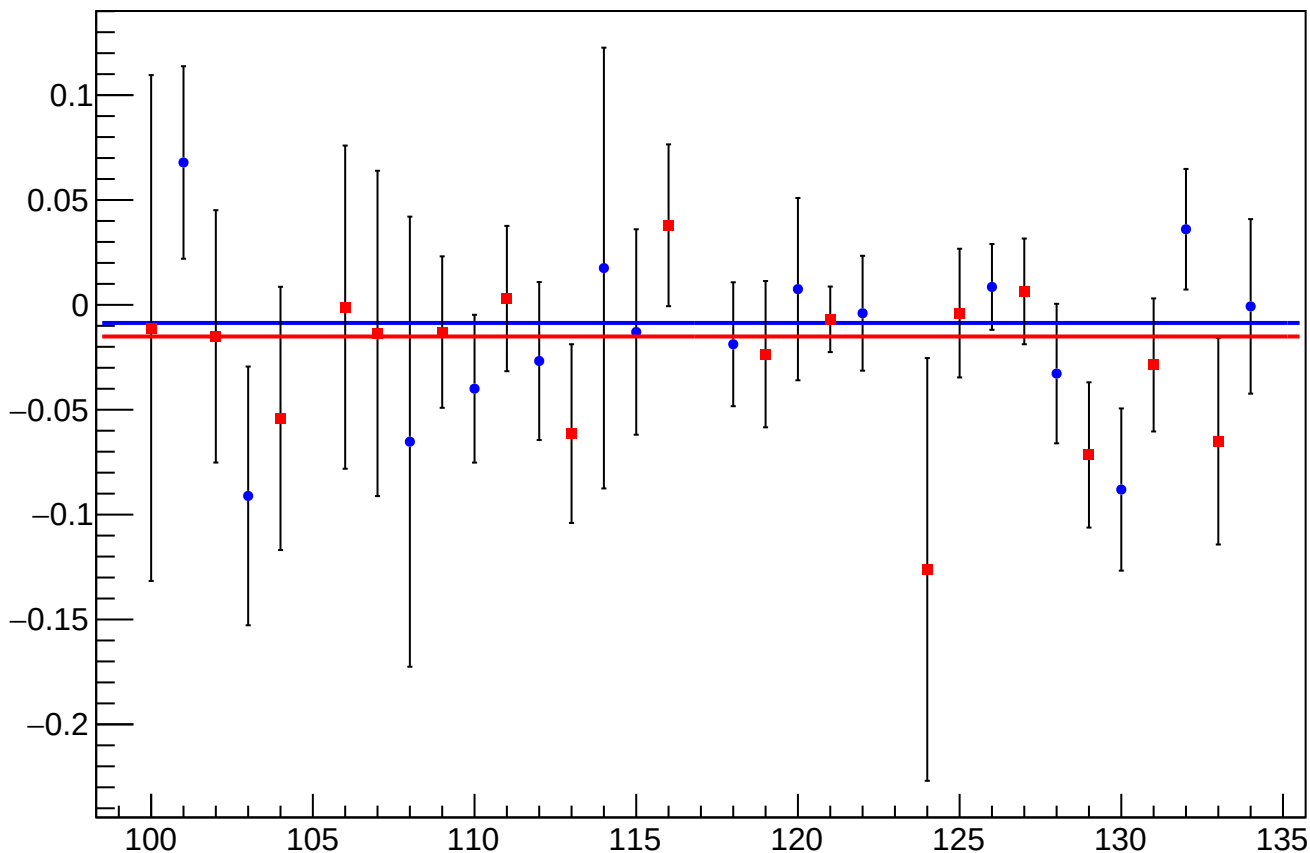
Right: 20.191+/-0.004 χ^2/NDF : 3889555.1/31

In: 21.238+/-0.007 χ^2/NDF : 1478630.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.191+/-0.004 χ^2/NDF : 3889555.1/31

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.009 χ^2/NDF : 10.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

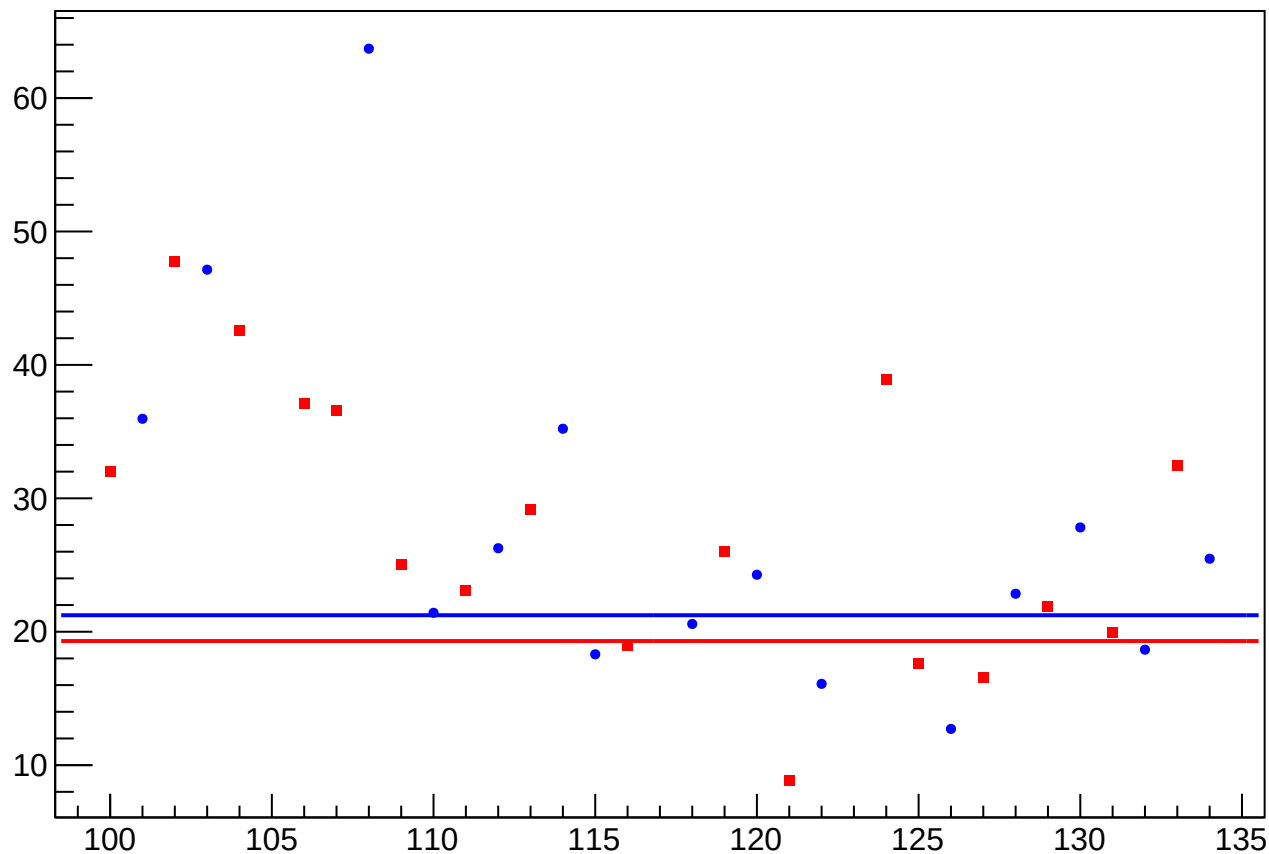
Right: -0.012 ± 0.006 χ^2/NDF : 24.4/31

In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 24.4/31

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.238+/-0.007 χ^2/NDF : 1478630.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.301+/-0.006 χ^2/NDF : 2363870.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

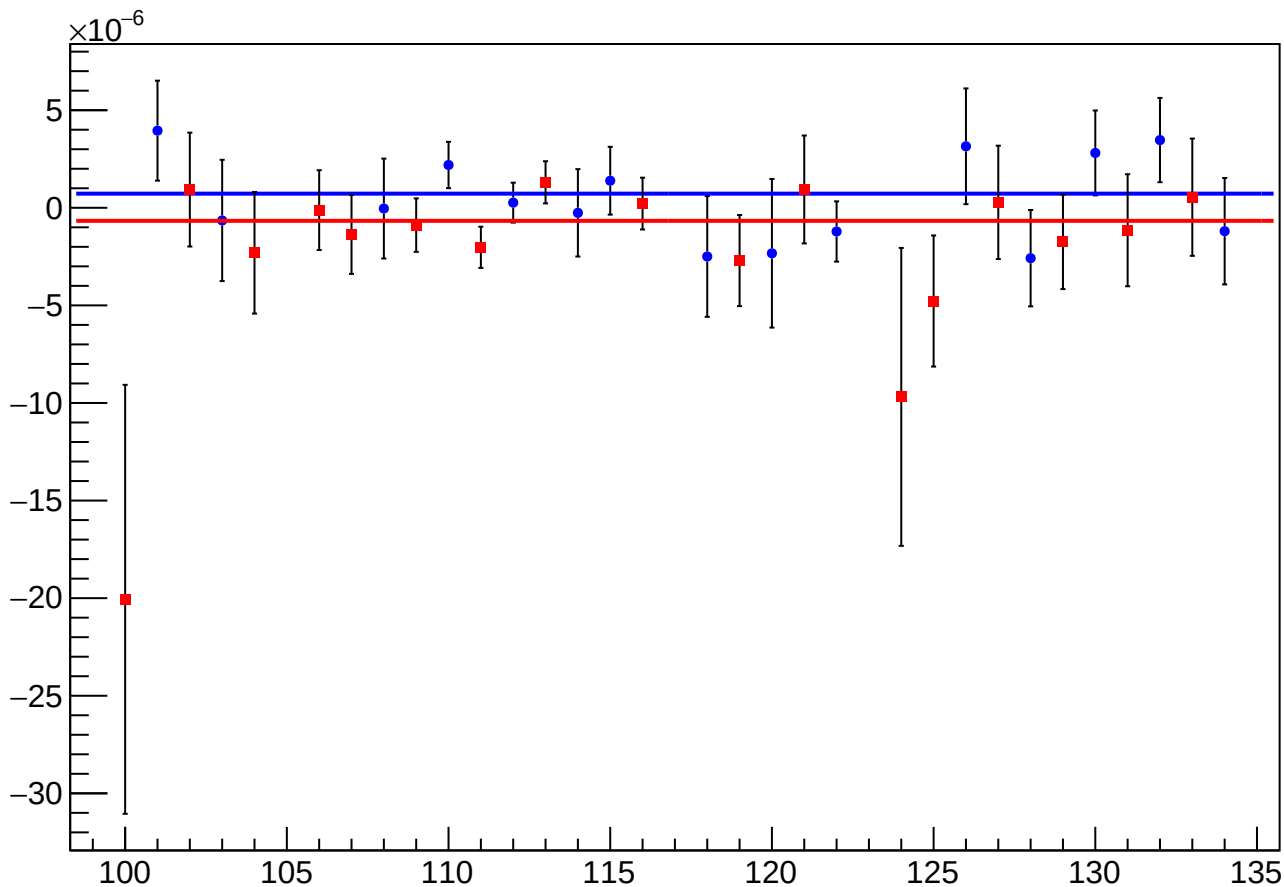
Right: 20.191+/-0.004 χ^2/NDF : 3889555.1/31

In: 21.238+/-0.007 χ^2/NDF : 1478630.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.191+/-0.004 χ^2/NDF : 3889555.1/31

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

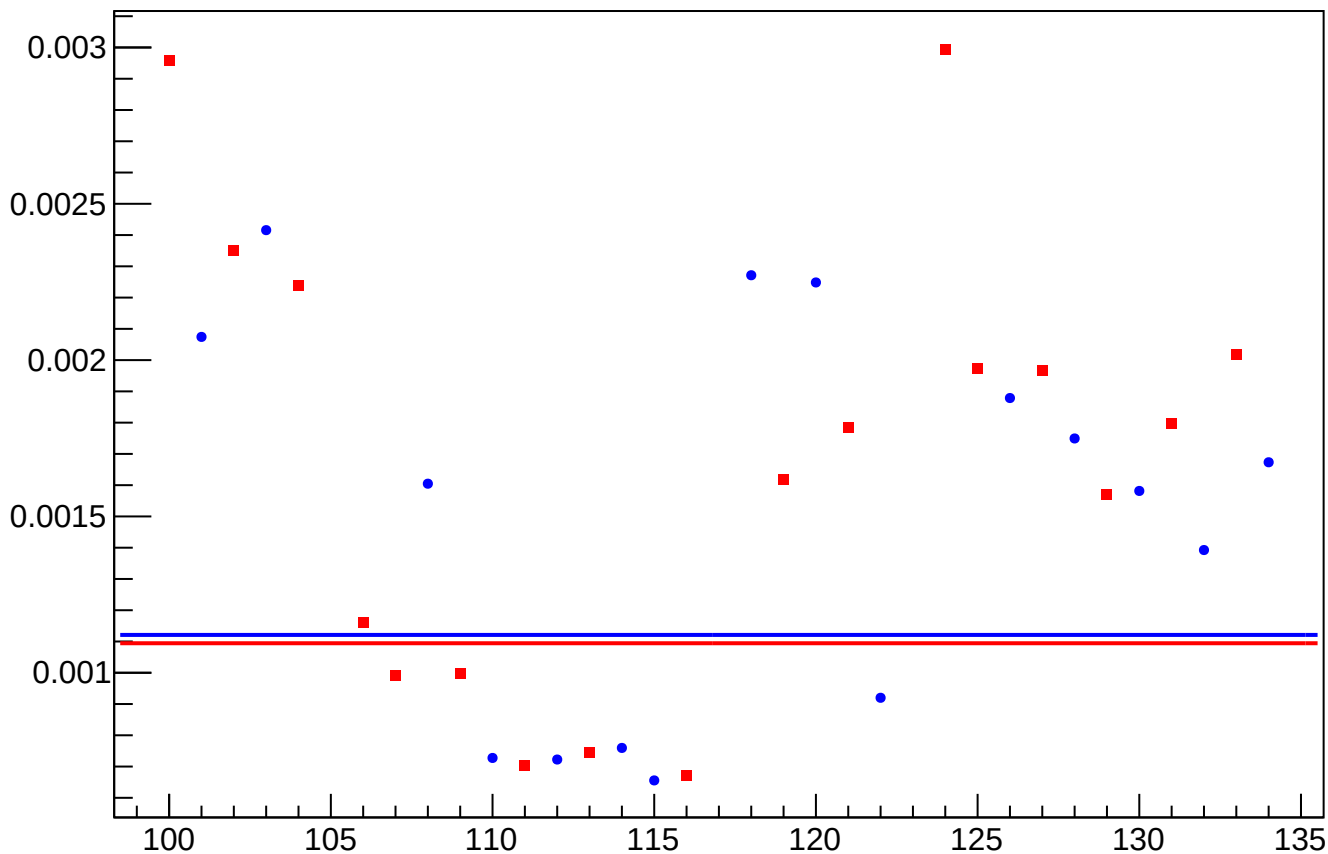
Right: -0.000+/-0.000 χ^2/NDF : 30.7/31

In: 0.000+/-0.000 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.7/31

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2364892.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2451315.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

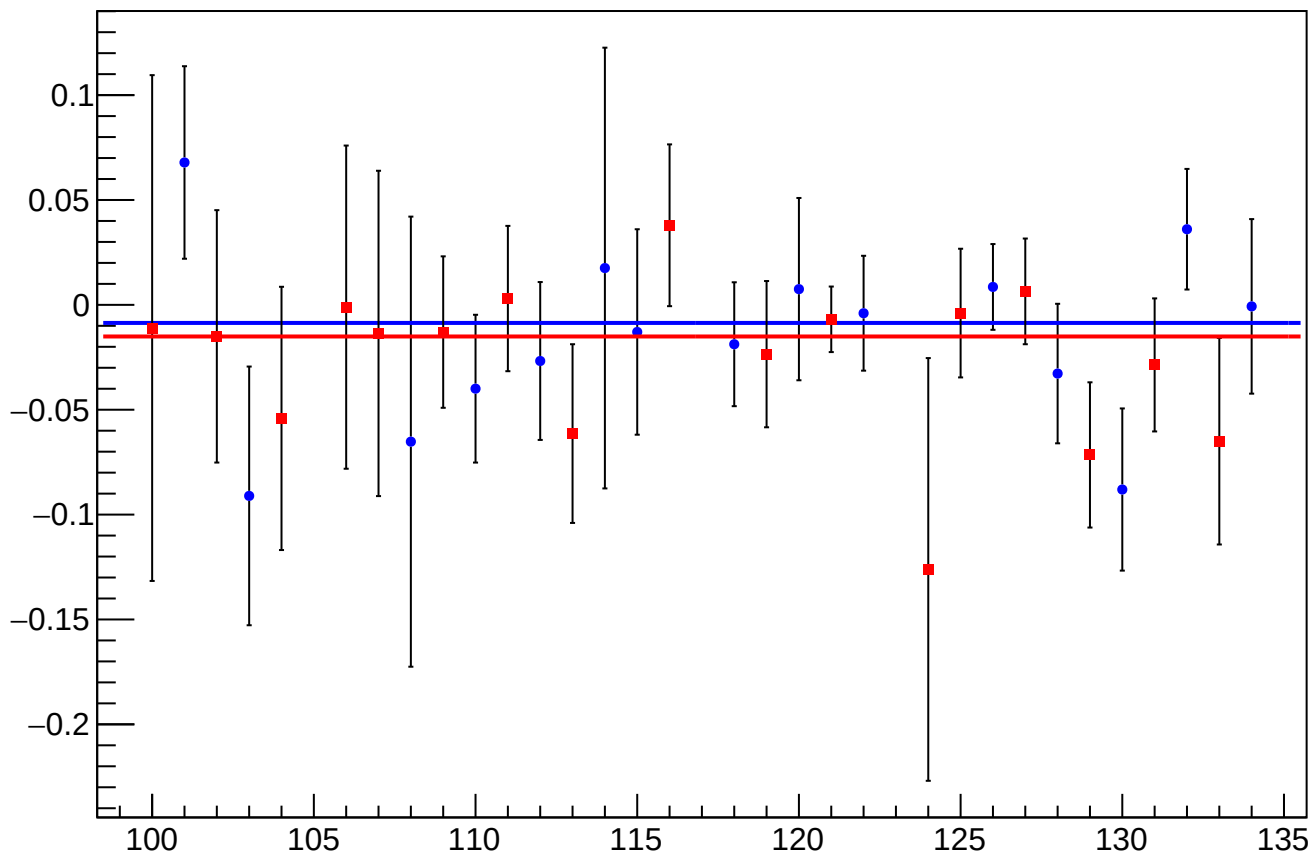
Right: 0.001+/-0.000 χ^2/NDF : 4819225.6/31

In: 0.001+/-0.000 χ^2/NDF :2364892.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4819225.6/31

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.009 χ^2/NDF : 10.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

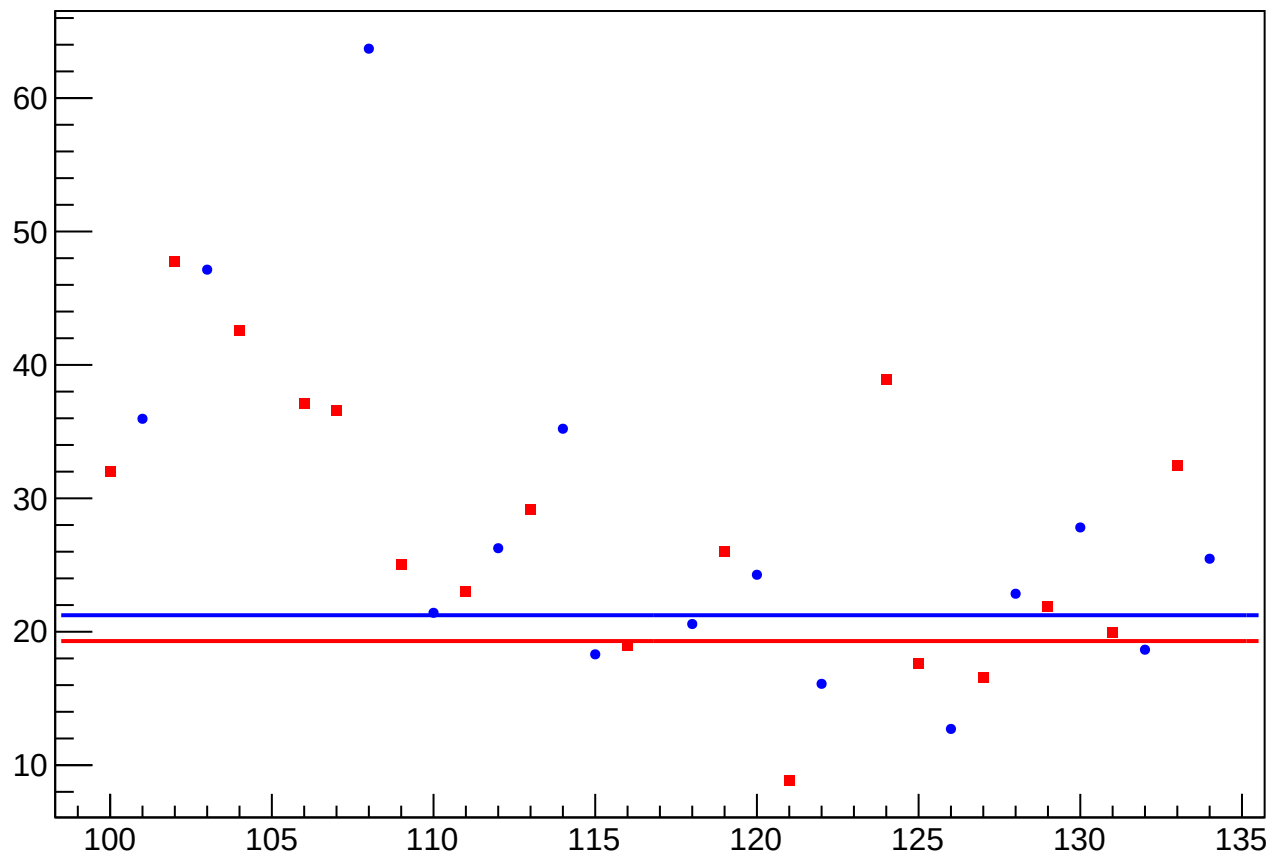
Right: -0.012 ± 0.006 χ^2/NDF : 24.4/31

In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 24.4/31

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.238+/-0.007 χ^2/NDF : 1478468.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.302+/-0.006 χ^2/NDF : 2363540.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

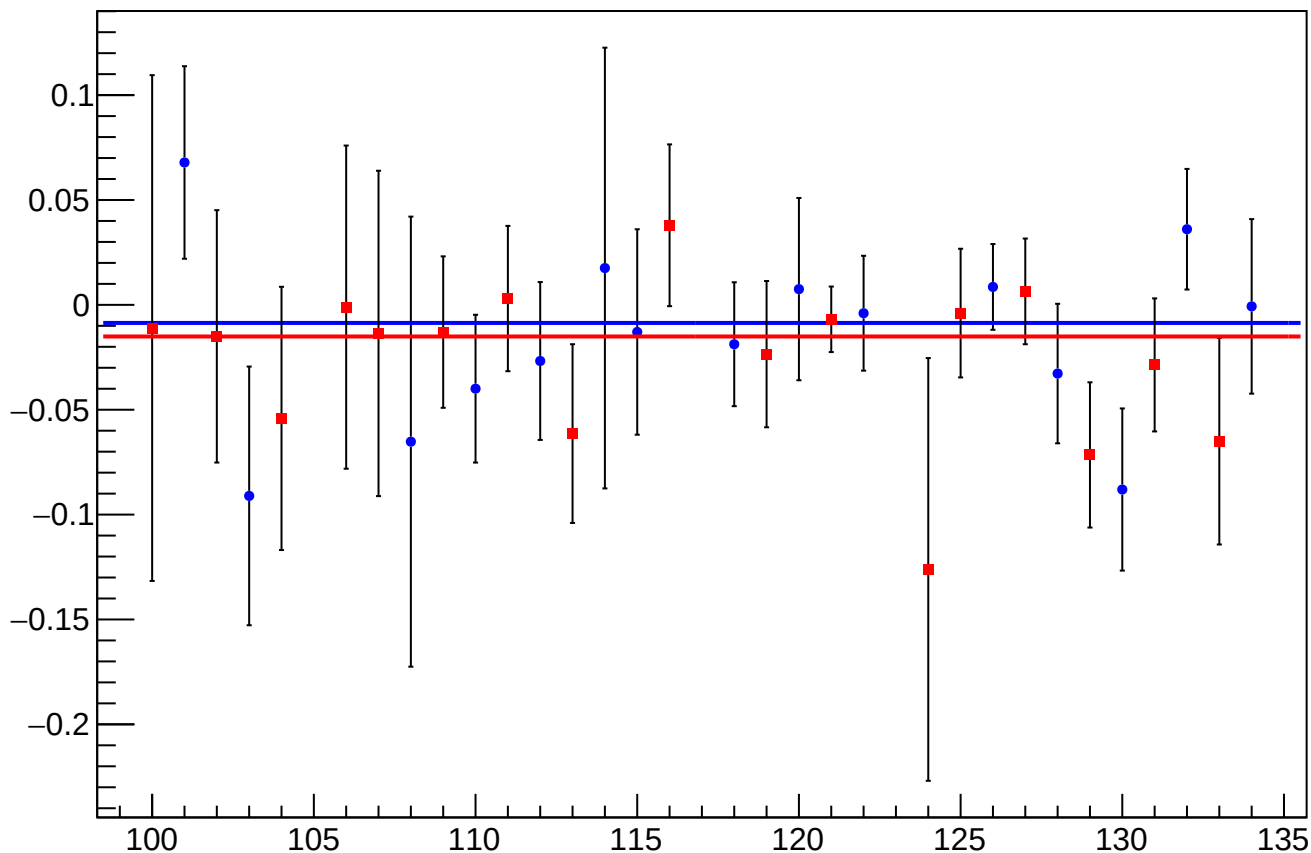
Right: 20.192+/-0.004 χ^2/NDF : 3889050.3/31

In: 21.238+/-0.007 χ^2/NDF : 1478468.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.192+/-0.004 χ^2/NDF : 3889050.3/31

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.009 χ^2/NDF : 10.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

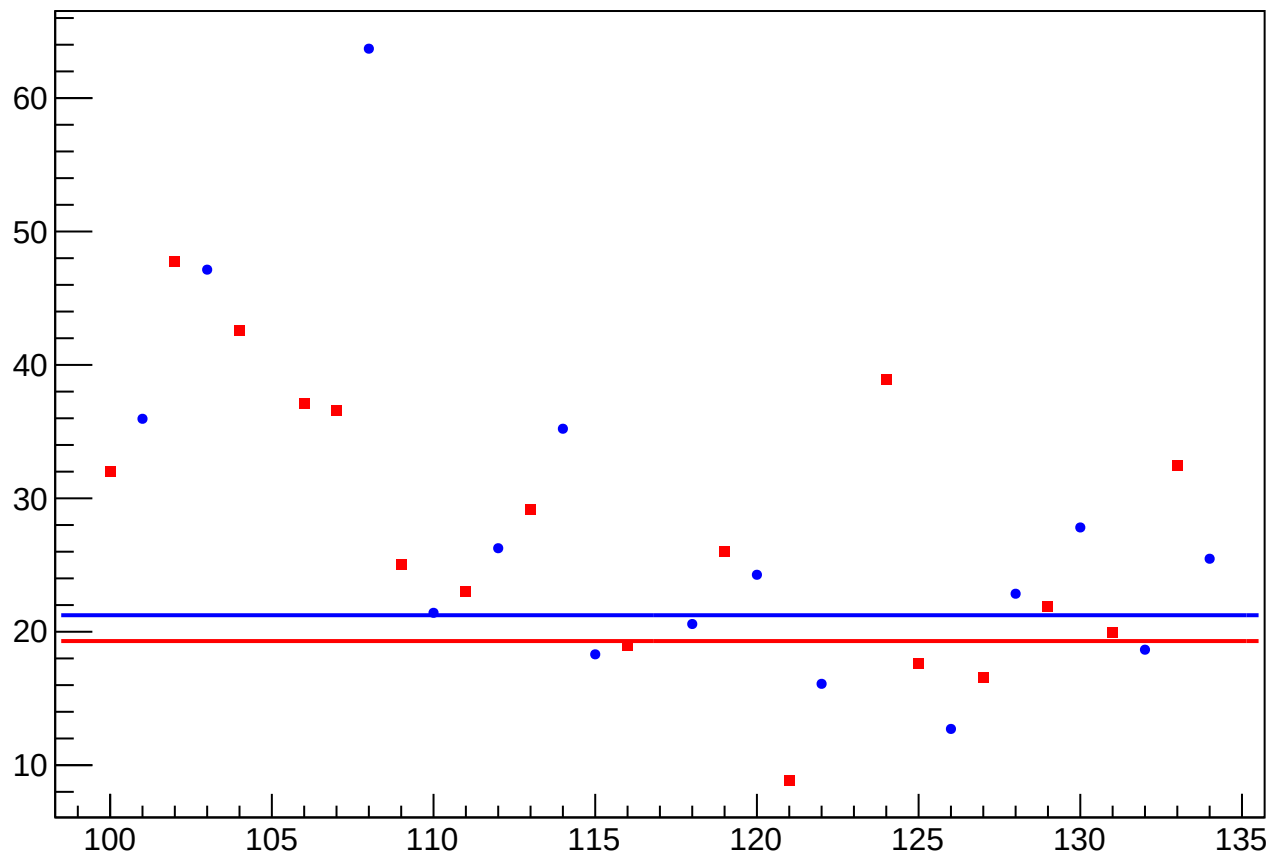
Right: -0.012 ± 0.006 χ^2/NDF : 24.4/31

In: -0.009 ± 0.009 χ^2/NDF : 14.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 24.4/31

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.238+/-0.007 χ^2/NDF : 1478468.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.302+/-0.006 χ^2/NDF : 2363540.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

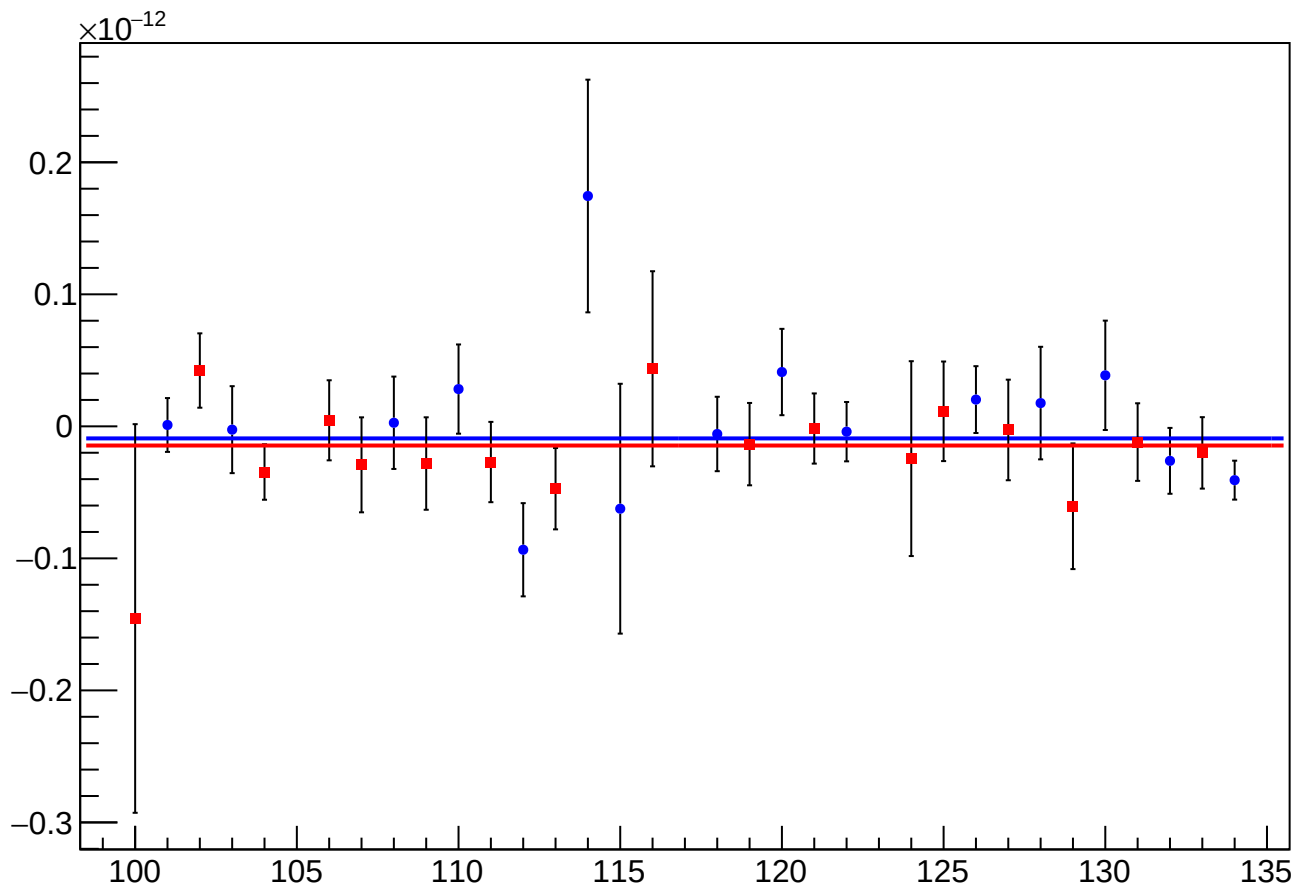
Right: 20.192+/-0.004 χ^2/NDF : 3889050.3/31

In: 21.238+/-0.007 χ^2/NDF :1478468.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.192+/-0.004 χ^2/NDF : 3889050.3/31

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

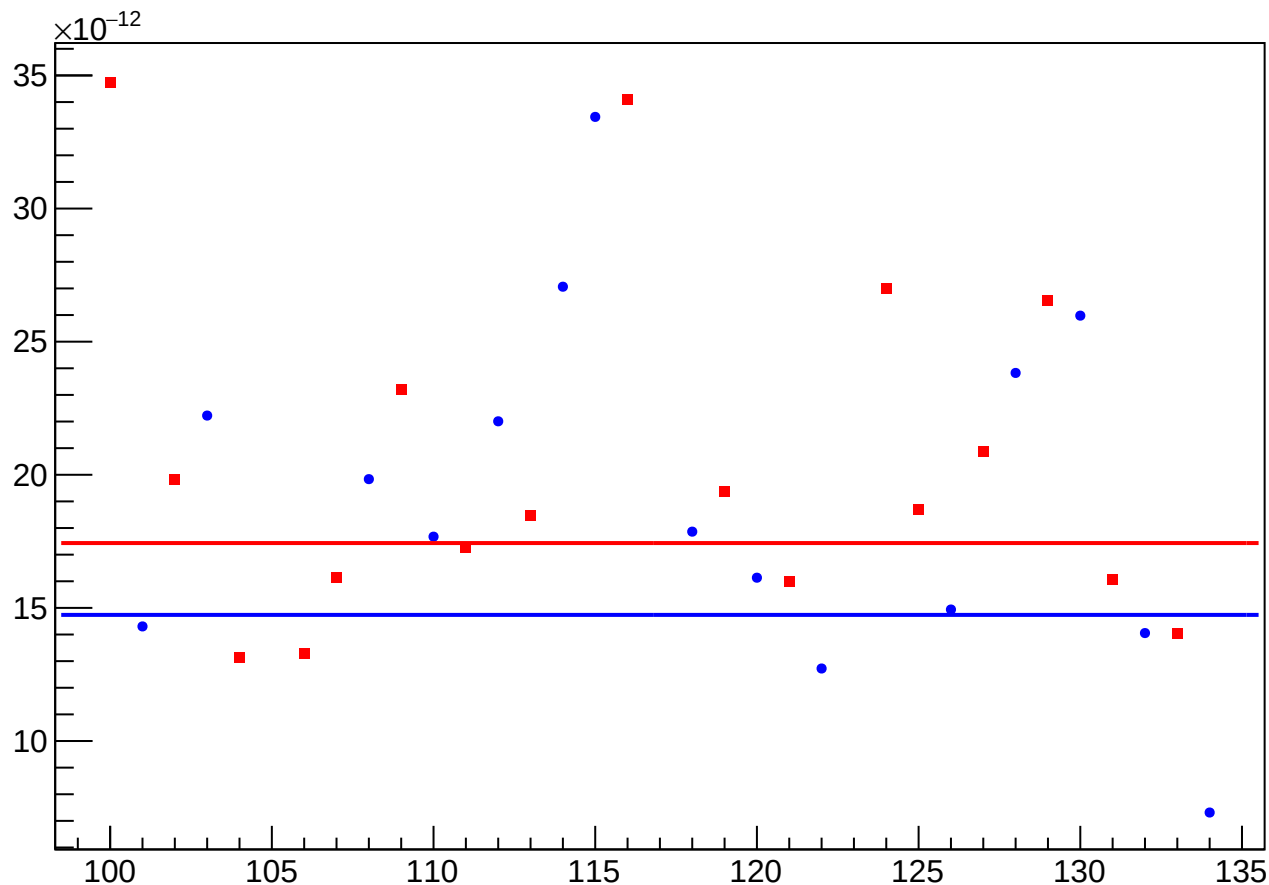
Right: -0.000+/-0.000 χ^2/NDF : 33.0/31

In: -0.000+/-0.000 χ^2/NDF : 22.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.0/31

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1155064.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 499709.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

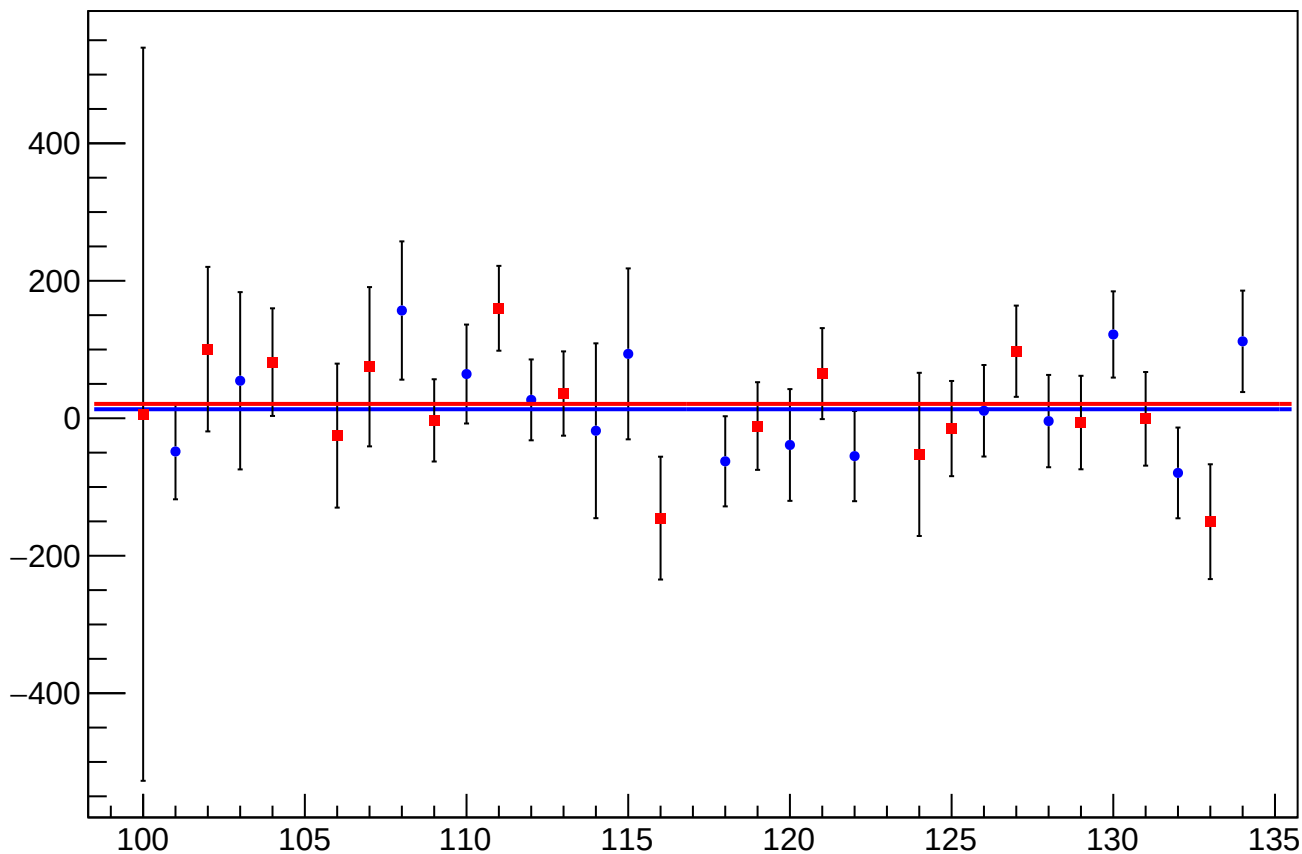
Right: 0.000+/-0.000 χ^2/NDF : 1779695.6/31

In: 0.000+/-0.000 χ^2/NDF : 1155064.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1779695.6/31

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.128 $\pm$ 19.229 χ^2 /NDF: 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.904 $\pm$ 18.599 χ^2 /NDF: 17.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

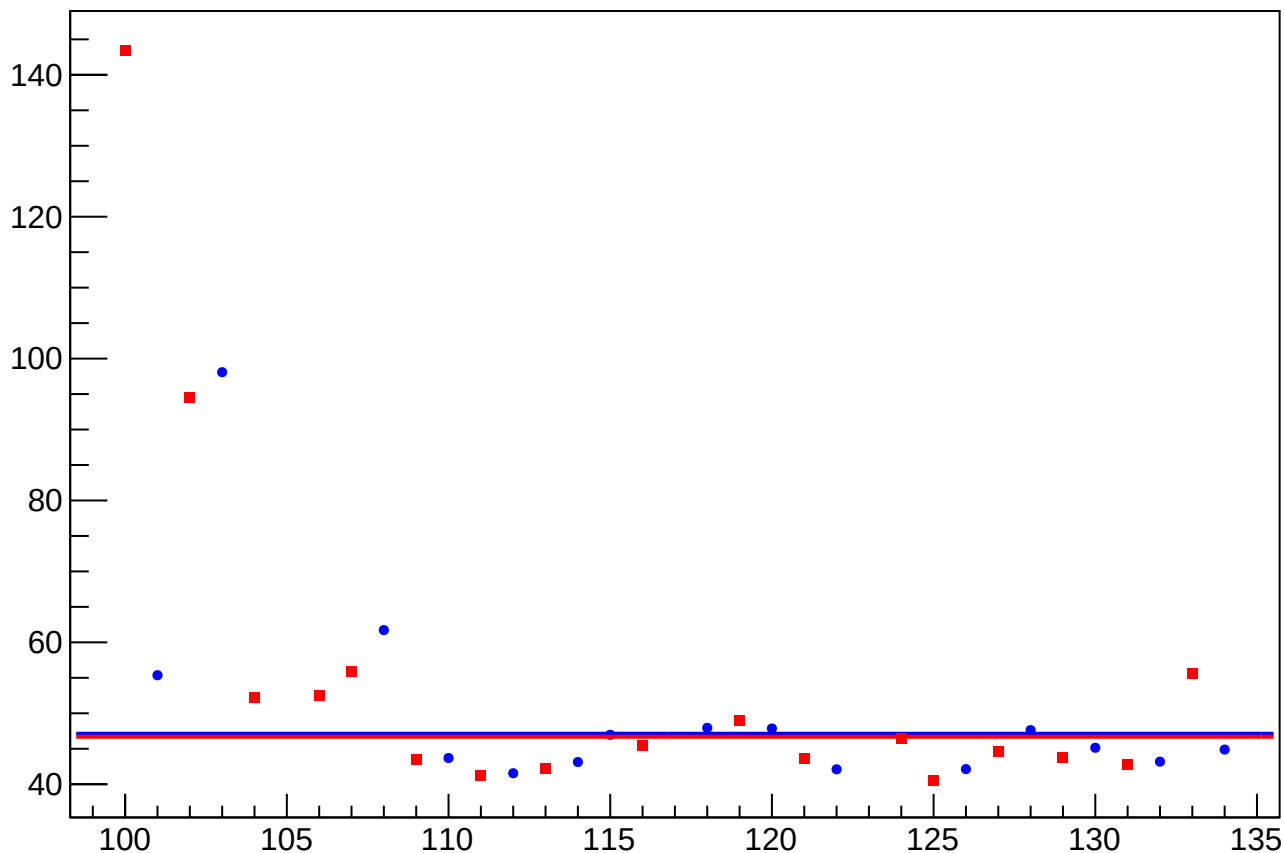
Right: 17.145 $\pm$ 13.368 χ^2 /NDF: 31.1/31

In: 13.128 $\pm$ 19.229 χ^2 /NDF: 13.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.145 $\pm$ 13.368 χ^2 /NDF: 31.1/31

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.118+/-0.014 χ^2/NDF : 441449.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.693+/-0.013 χ^2/NDF : 504651.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

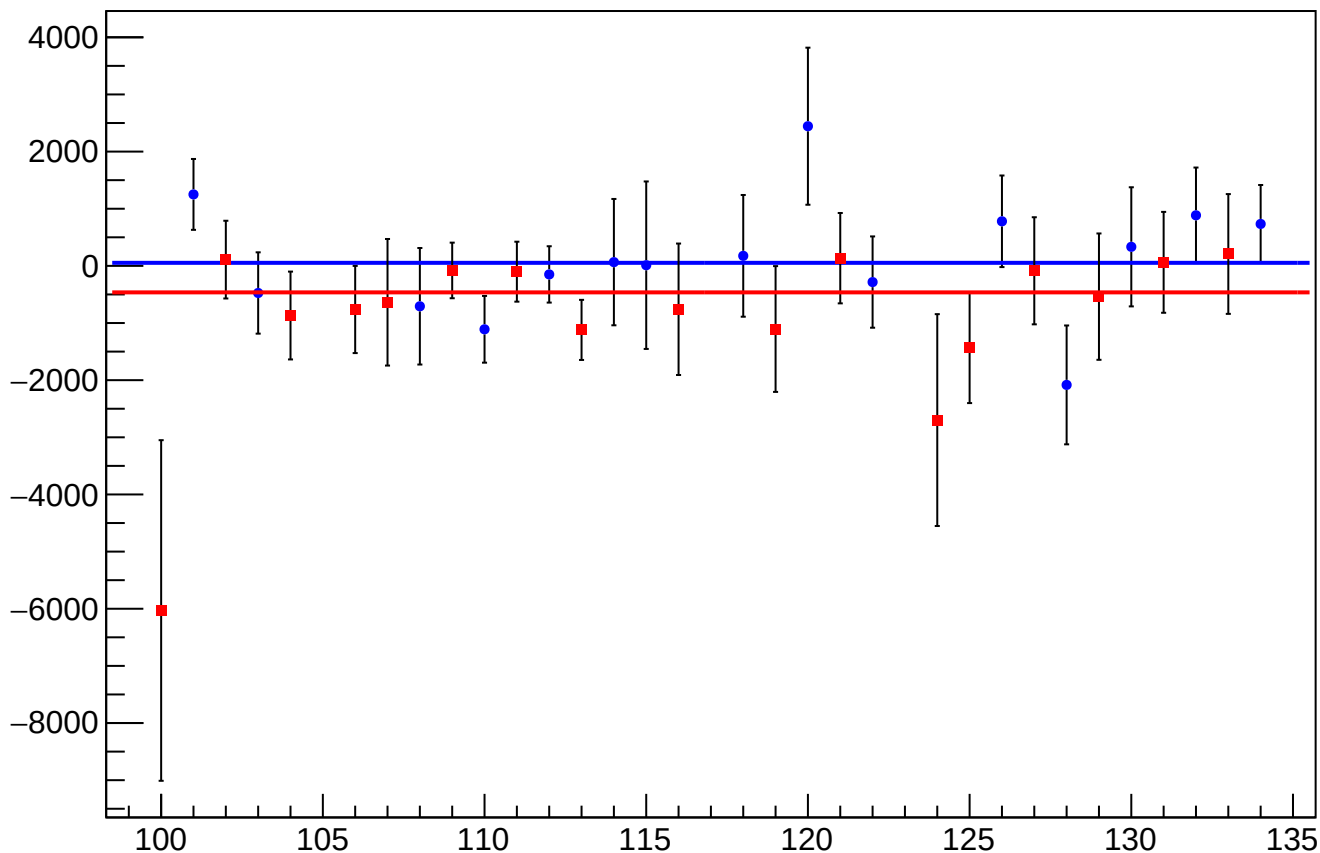
Right: 46.899+/-0.009 χ^2/NDF : 946606.0/31

In: 47.118+/-0.014 χ^2/NDF : 441449.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.899+/-0.009 χ^2/NDF : 946606.0/31

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 53.381+/-204.846 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -463.708+/-193.621 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

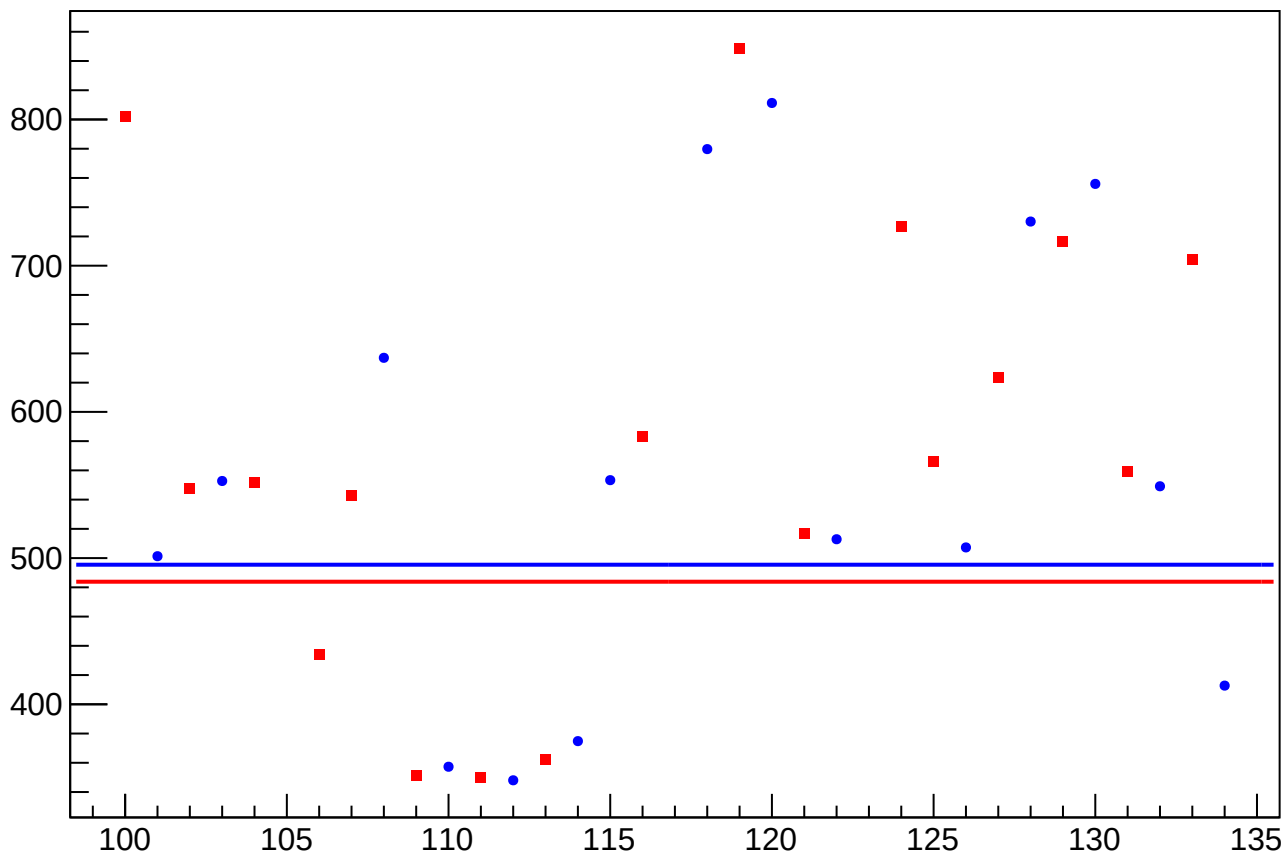
Right: -219.719+/-140.712 χ^2/NDF : 34.3/31

In: 53.381+/-204.846 χ^2/NDF : 19.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.719+/-140.712 χ^2/NDF : 34.3/31

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 495.475+/-0.145 χ^2/NDF : 883331.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 483.847+/-0.137 χ^2/NDF : 977752.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

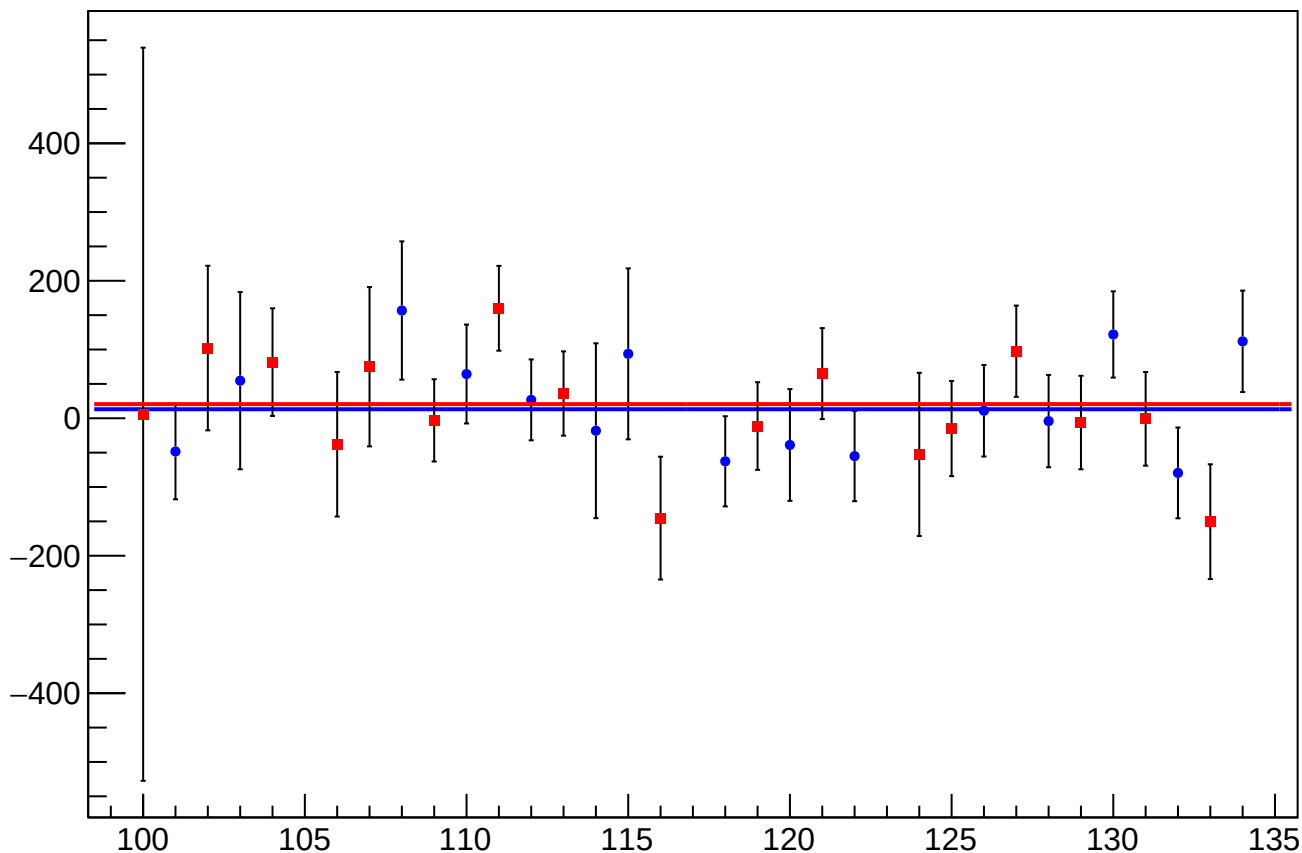
Right: 489.334+/-0.099 χ^2/NDF : 1864488.3/31

In: 495.475+/-0.145 χ^2/NDF : 883331.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.334+/-0.099 χ^2/NDF : 1864488.3/31

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.133+/-19.229 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.564+/-18.602 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

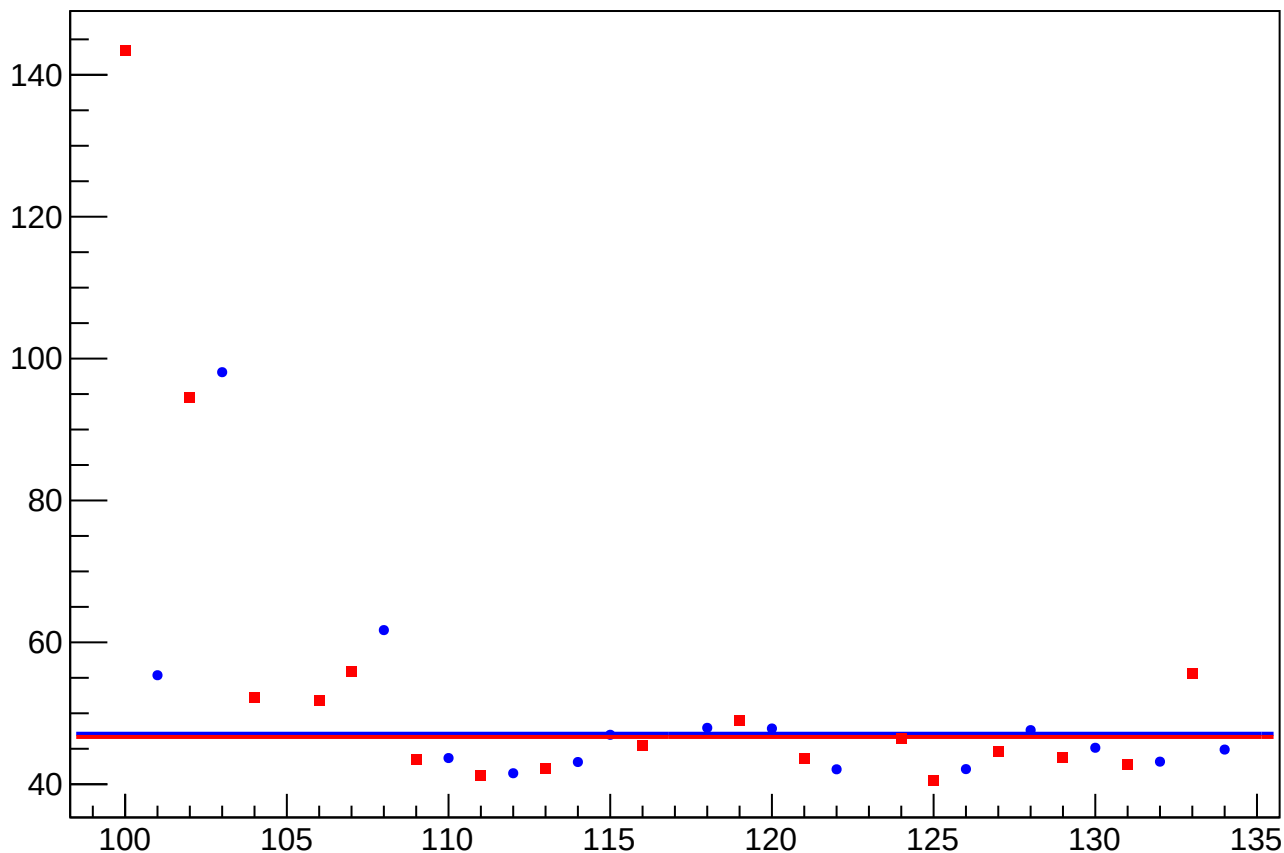
Right: 16.972+/-13.369 χ^2/NDF : 31.2/31

In: 13.133+/-19.229 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.972+/-13.369 χ^2/NDF : 31.2/31

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.118+/-0.014 χ^2/NDF : 441452.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.666+/-0.013 χ^2/NDF : 503231.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

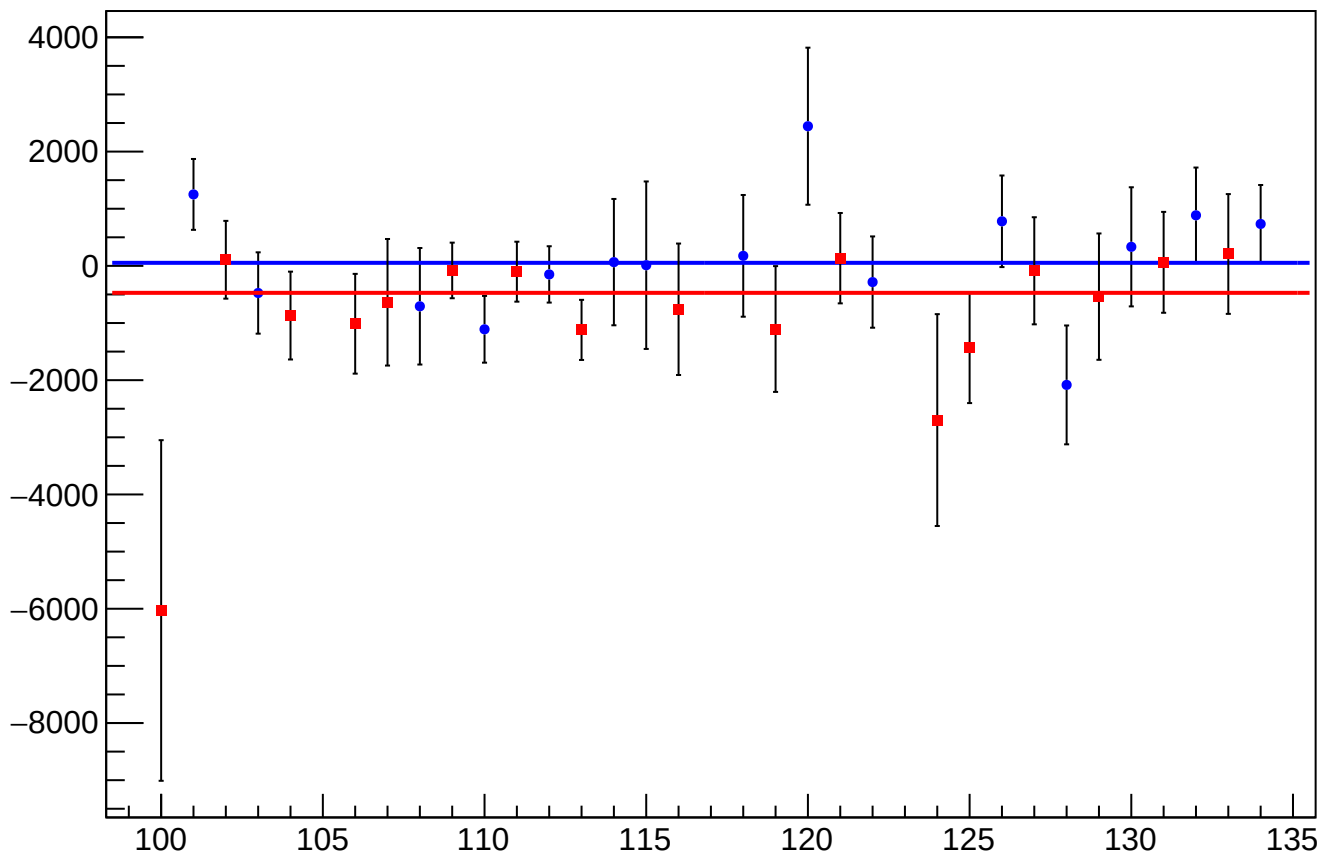
Right: 46.885+/-0.009 χ^2/NDF : 945255.7/31

In: 47.118+/-0.014 χ^2/NDF : 441452.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.885+/-0.009 χ^2/NDF : 945255.7/31

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.381+/-204.847 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -471.851+/-195.125 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

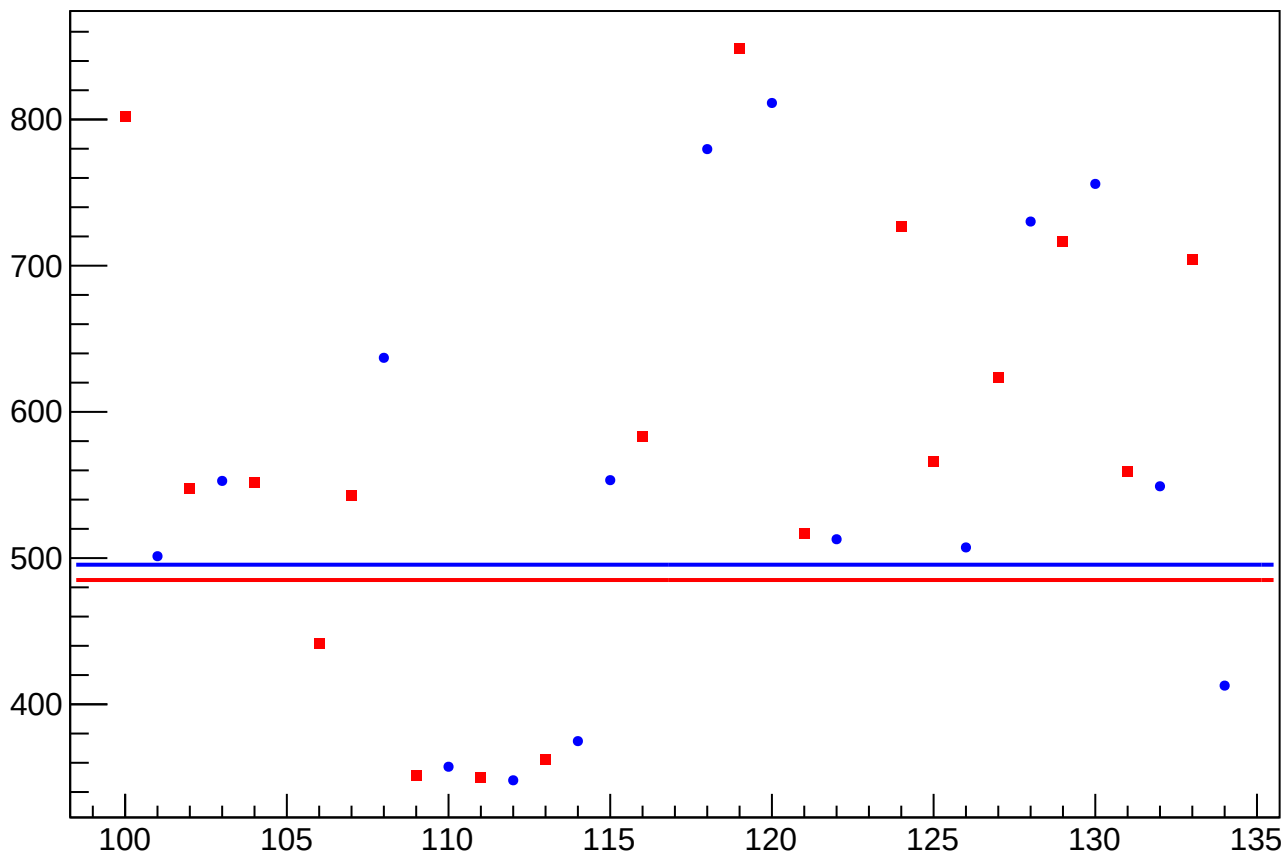
Right: -221.994+/-141.286 χ^2/NDF : 34.7/31

In: 53.381+/-204.847 χ^2/NDF : 19.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.994+/-141.286 χ^2/NDF : 34.7/31

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 495.478+/-0.145 χ^2/NDF : 883356.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.006+/-0.138 χ^2/NDF : 974105.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

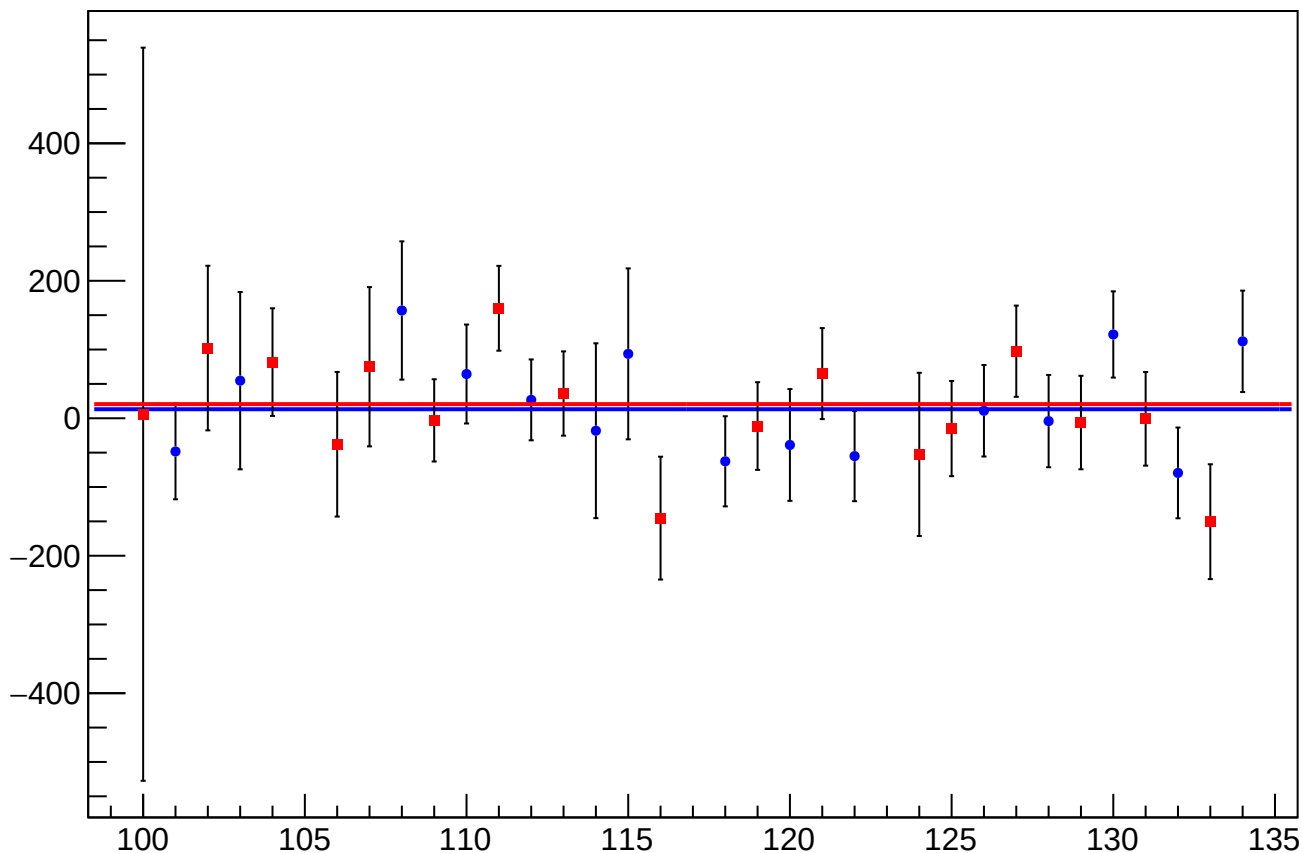
Right: 489.988+/-0.100 χ^2/NDF : 1860201.7/31

In: 495.478+/-0.145 χ^2/NDF : 883356.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.988+/-0.100 χ^2/NDF : 1860201.7/31

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.133+/-19.229 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.564+/-18.602 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

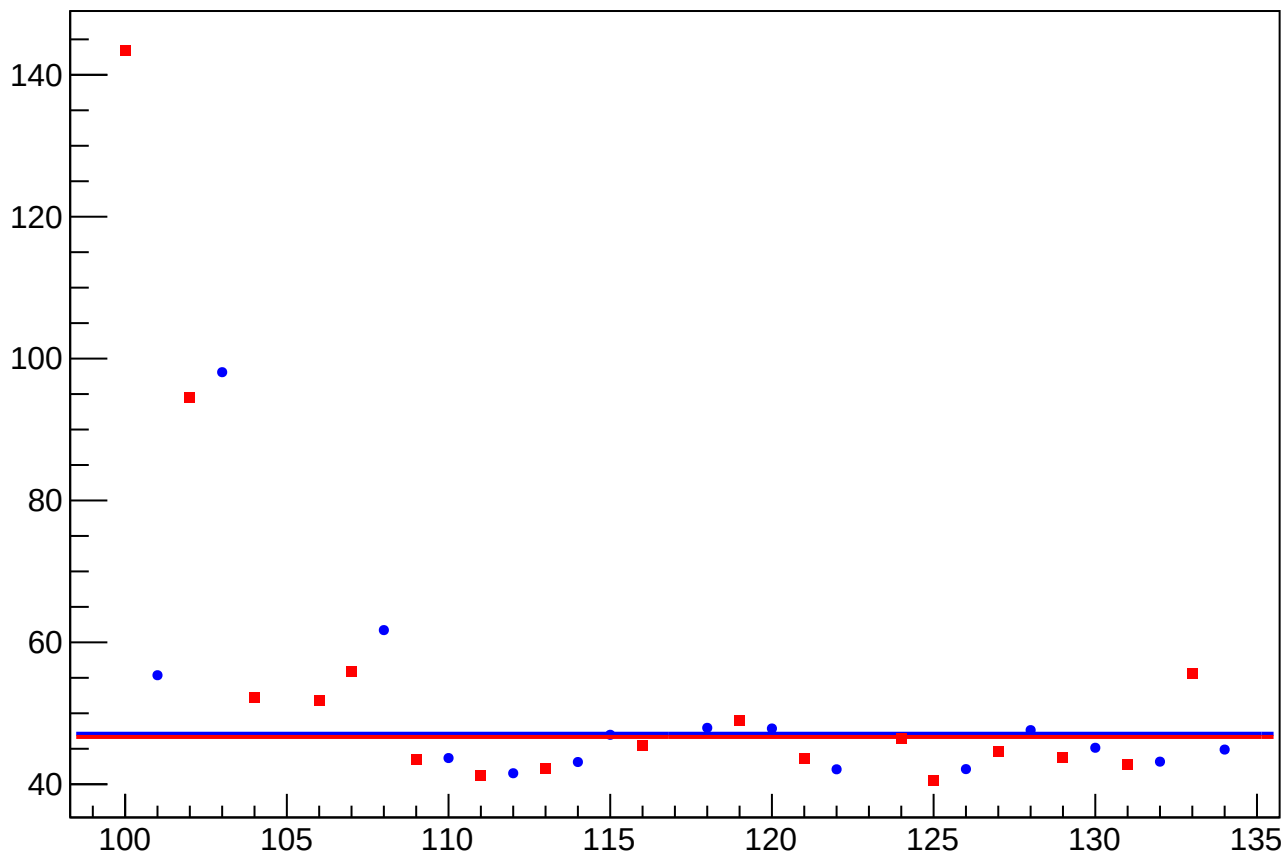
Right: 16.972+/-13.369 χ^2/NDF : 31.2/31

In: 13.133+/-19.229 χ^2/NDF : 13.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.972+/-13.369 χ^2/NDF : 31.2/31

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.118 $\pm$ 0.014 χ^2 /NDF: 441452.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.666 $\pm$ 0.013 χ^2 /NDF: 503231.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

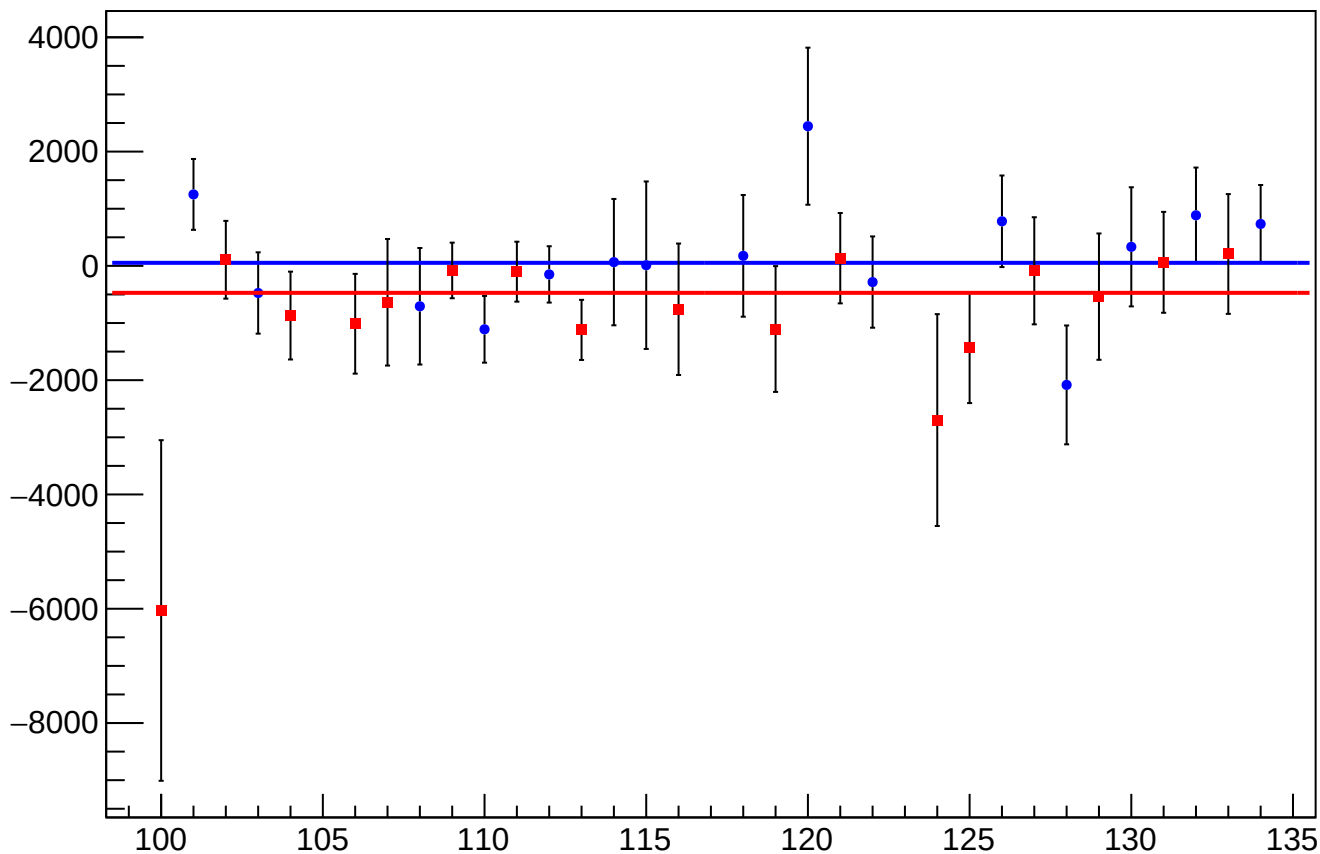
Right: 46.885 $\pm$ 0.009 χ^2 /NDF: 945255.7/31

In: 47.118 $\pm$ 0.014 χ^2 /NDF:441452.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.885 $\pm$ 0.009 χ^2 /NDF: 945255.7/31

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.381+/-204.847 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -471.851+/-195.125 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

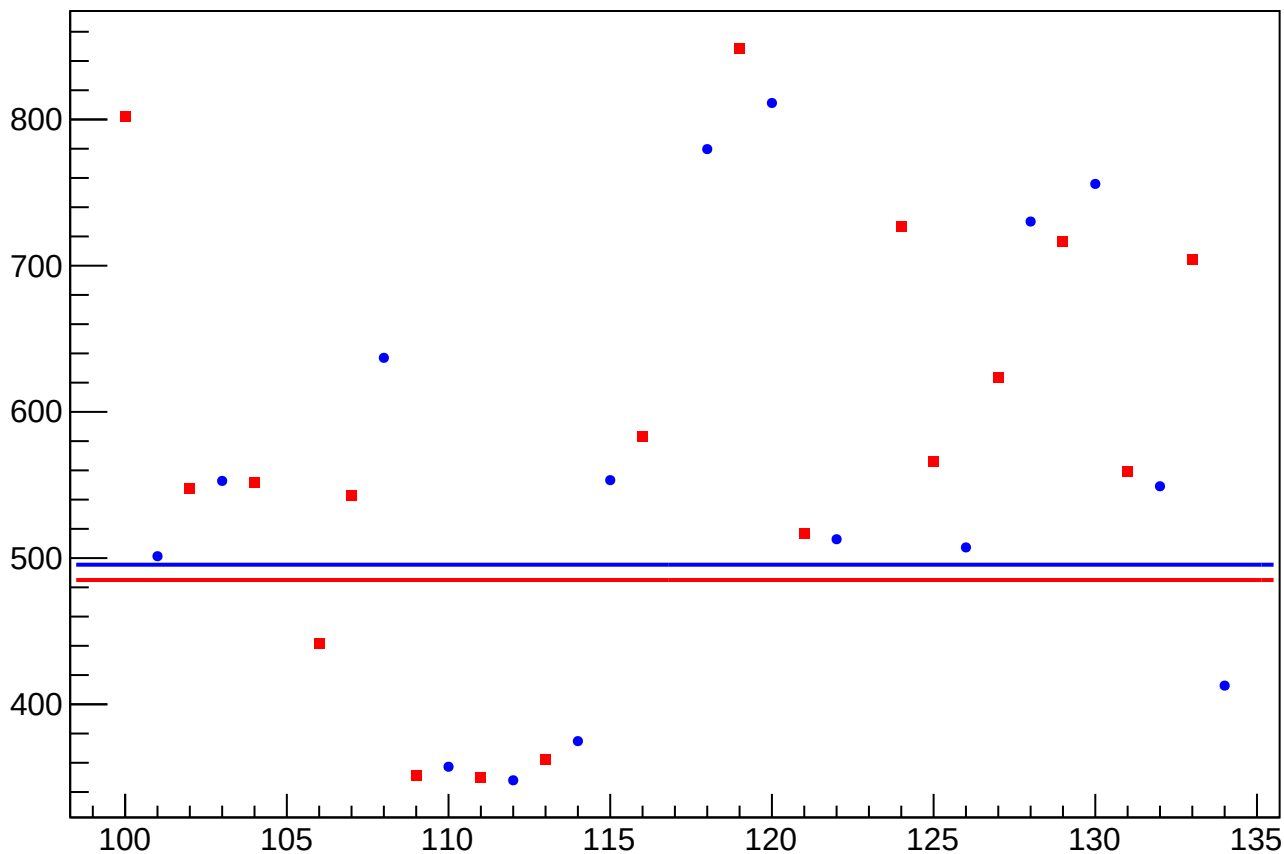
Right: -221.994+/-141.286 χ^2/NDF : 34.7/31

In: 53.381+/-204.847 χ^2/NDF : 19.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.994+/-141.286 χ^2/NDF : 34.7/31

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 495.478+/-0.145 χ^2/NDF : 883356.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.006+/-0.138 χ^2/NDF : 974105.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

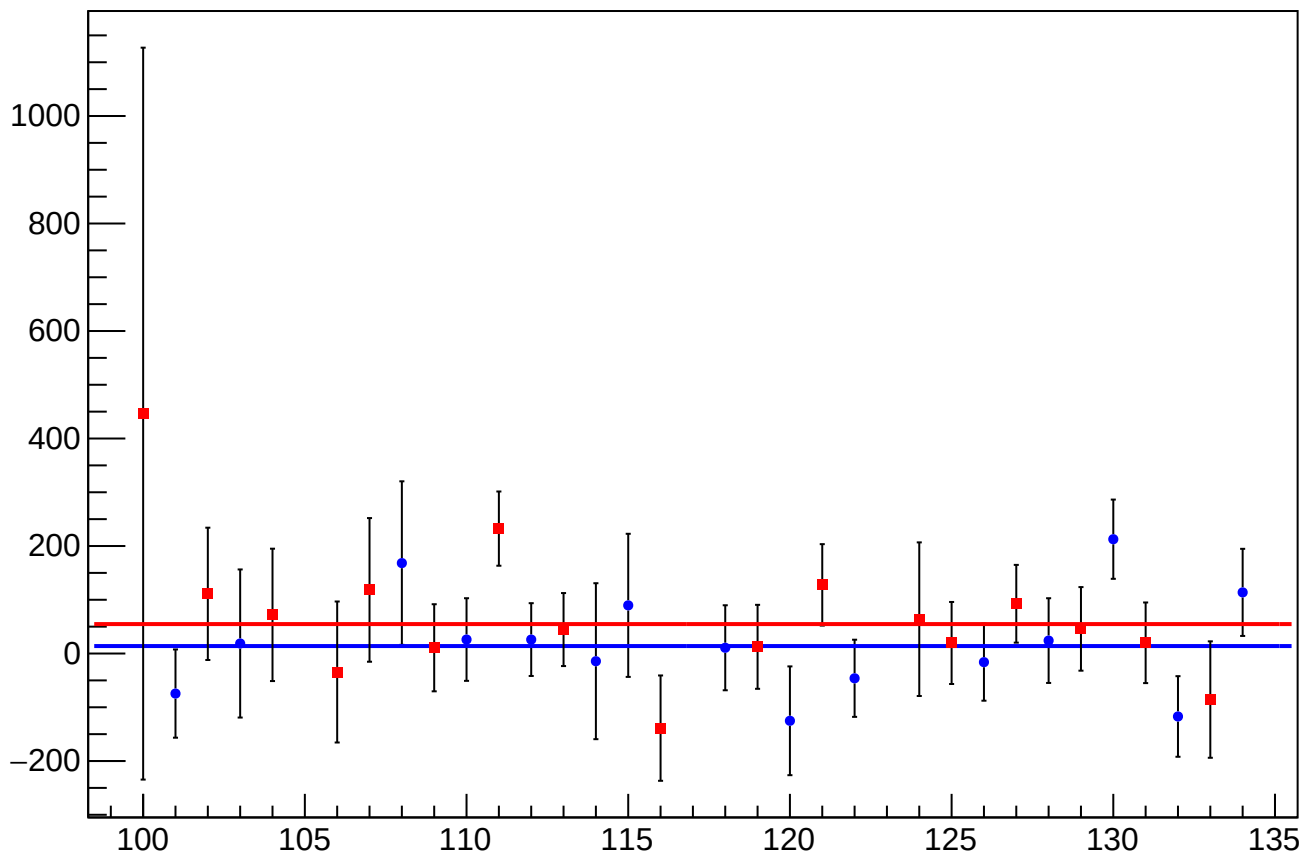
Right: 489.988+/-0.100 χ^2/NDF : 1860201.7/31

In: 495.478+/-0.145 χ^2/NDF : 883356.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.988+/-0.100 χ^2/NDF : 1860201.7/31

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.886 $\pm$ 22.049 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.774 $\pm$ 21.771 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

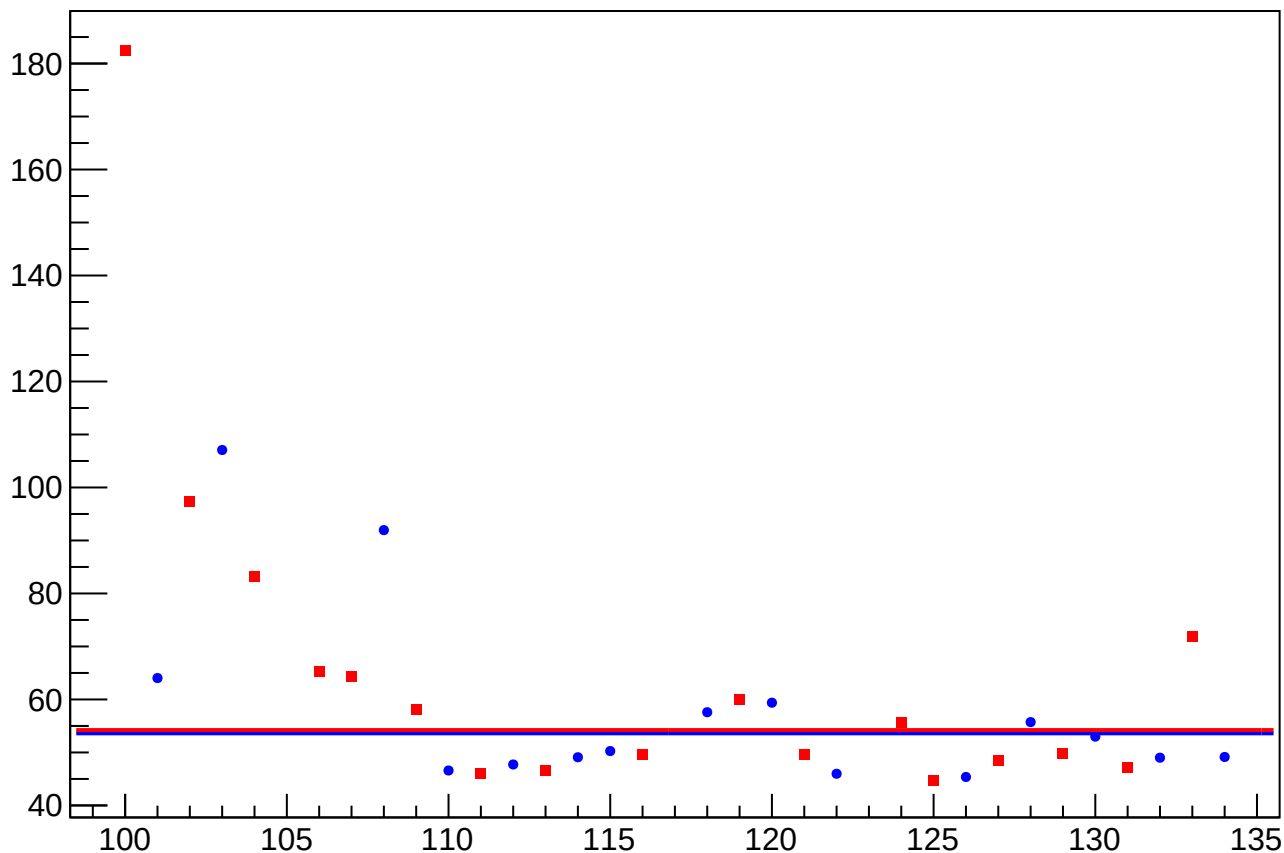
Right: 34.589 $\pm$ 15.492 χ^2 /NDF: 34.7/31

In: 13.886 $\pm$ 22.049 χ^2 /NDF:17.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.589 $\pm$ 15.492 χ^2 /NDF: 34.7/31

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 53.607+/-0.016 χ^2/NDF : 571228.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.221+/-0.015 χ^2/NDF : 655546.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

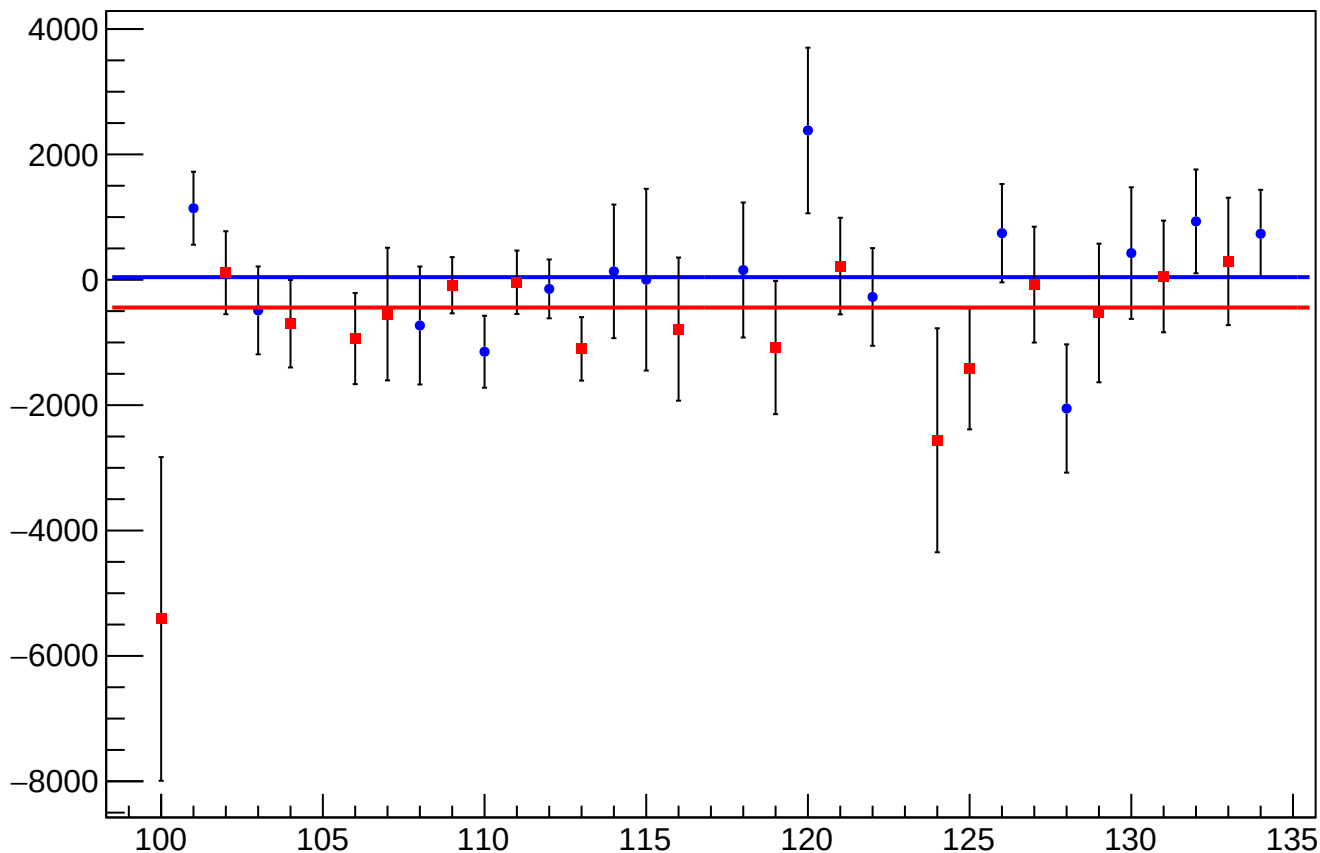
Right: 53.918+/-0.011 χ^2/NDF : 1227561.3/31

In: 53.607+/-0.016 χ^2/NDF : 571228.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.918+/-0.011 χ^2/NDF : 1227561.3/31

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 41.868+/-199.550 χ^2/NDF : 19.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.776+/-185.691 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

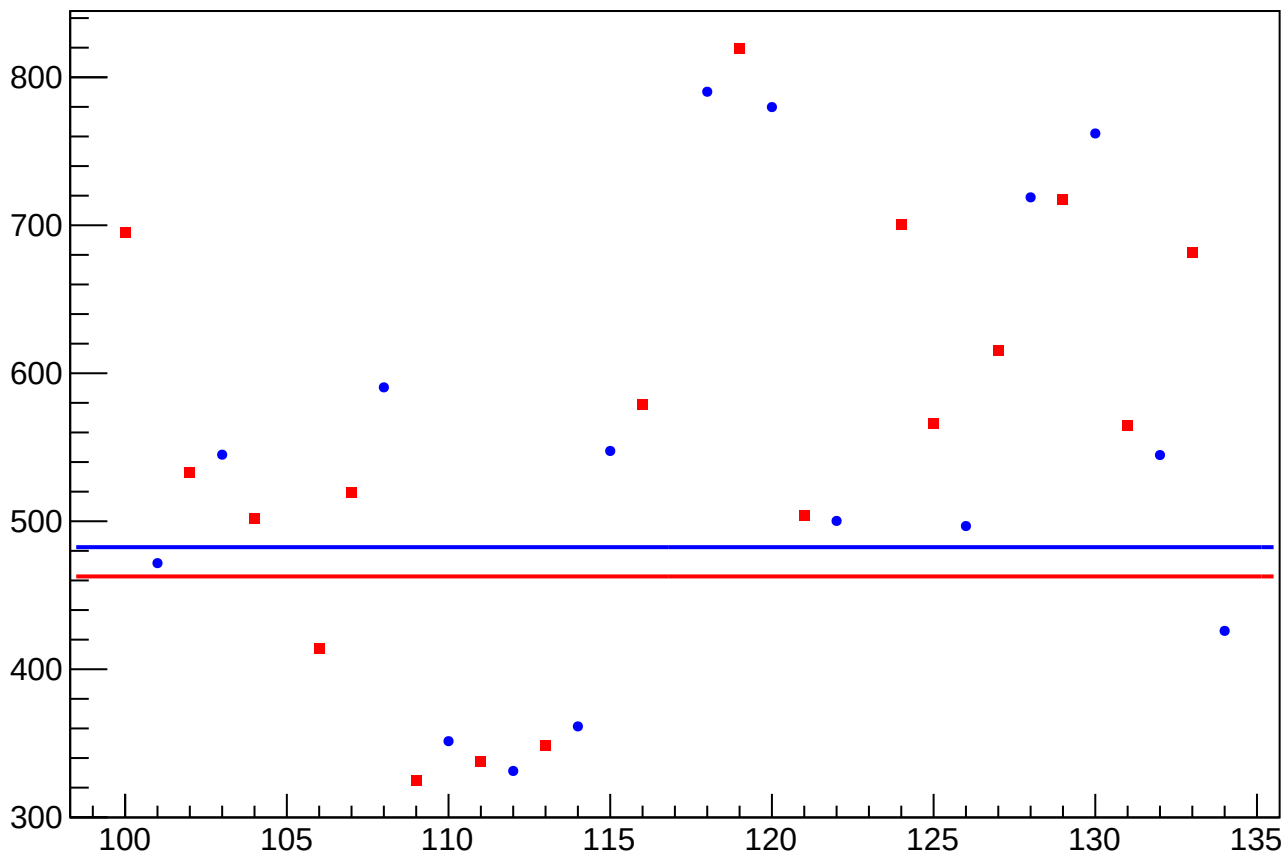
Right: -217.866+/-135.939 χ^2/NDF : 35.6/31

In: 41.868+/-199.550 χ^2/NDF : 19.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.866+/-135.939 χ^2/NDF : 35.6/31

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.499+/-0.141 χ^2/NDF : 924278.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 462.718+/-0.131 χ^2/NDF : 1062119.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

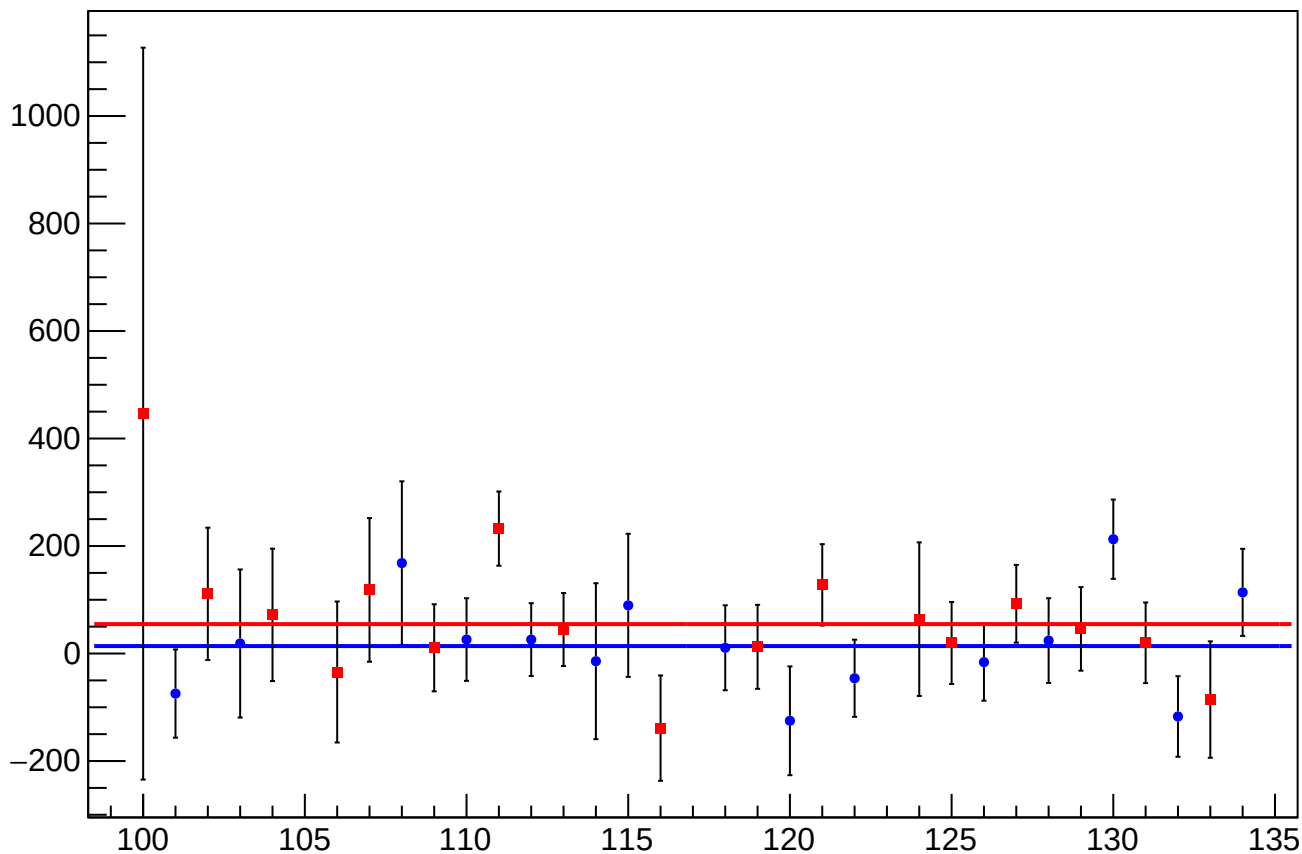
Right: 471.898+/-0.096 χ^2/NDF : 1996930.7/31

In: 482.499+/-0.141 χ^2/NDF :924278.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 471.898+/-0.096 χ^2/NDF : 1996930.7/31

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.886 $\pm$ 22.049 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.775 $\pm$ 21.771 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

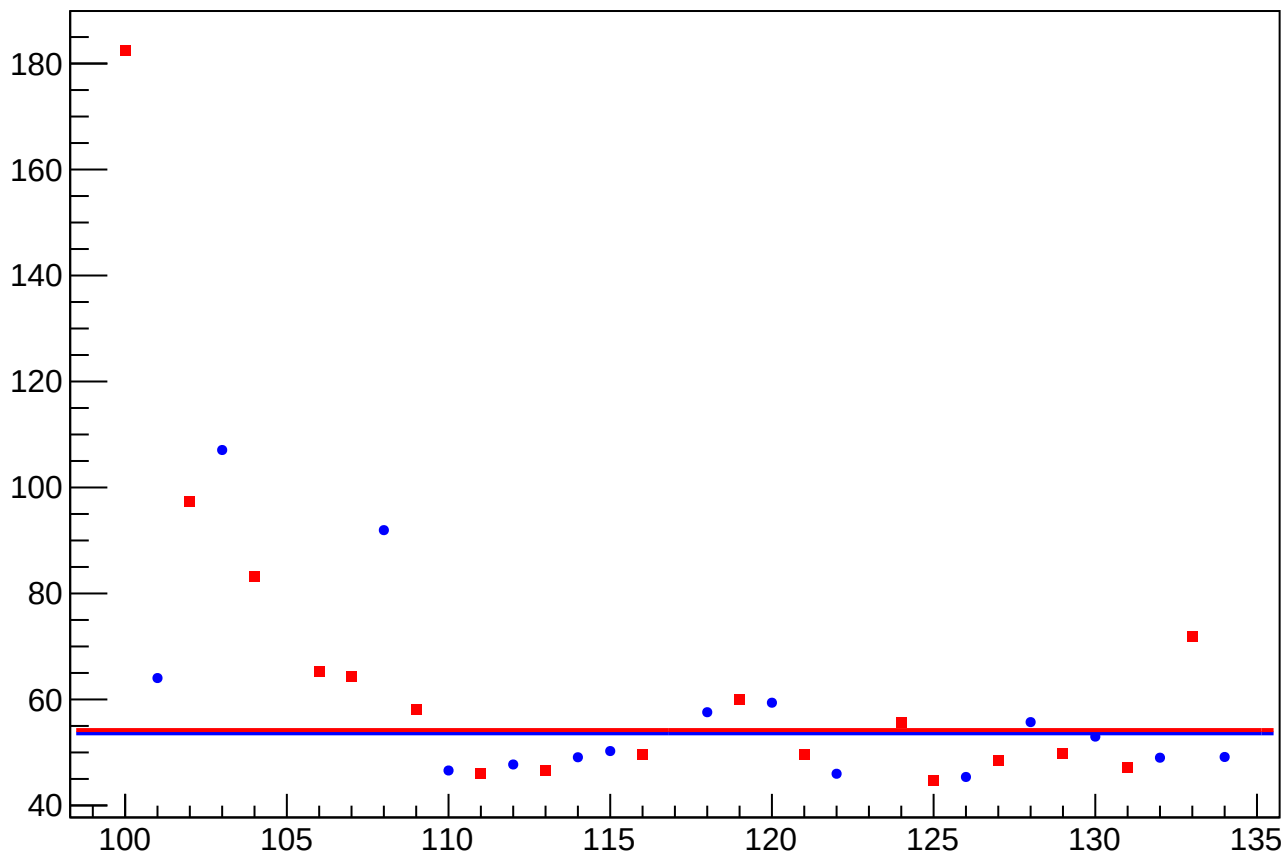
Right: 34.590 $\pm$ 15.492 χ^2 /NDF: 34.7/31

In: 13.886 $\pm$ 22.049 χ^2 /NDF:17.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.590 $\pm$ 15.492 χ^2 /NDF: 34.7/31

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 53.607 $\pm$ 0.016 χ^2 /NDF: 571221.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.222 $\pm$ 0.015 χ^2 /NDF: 655548.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

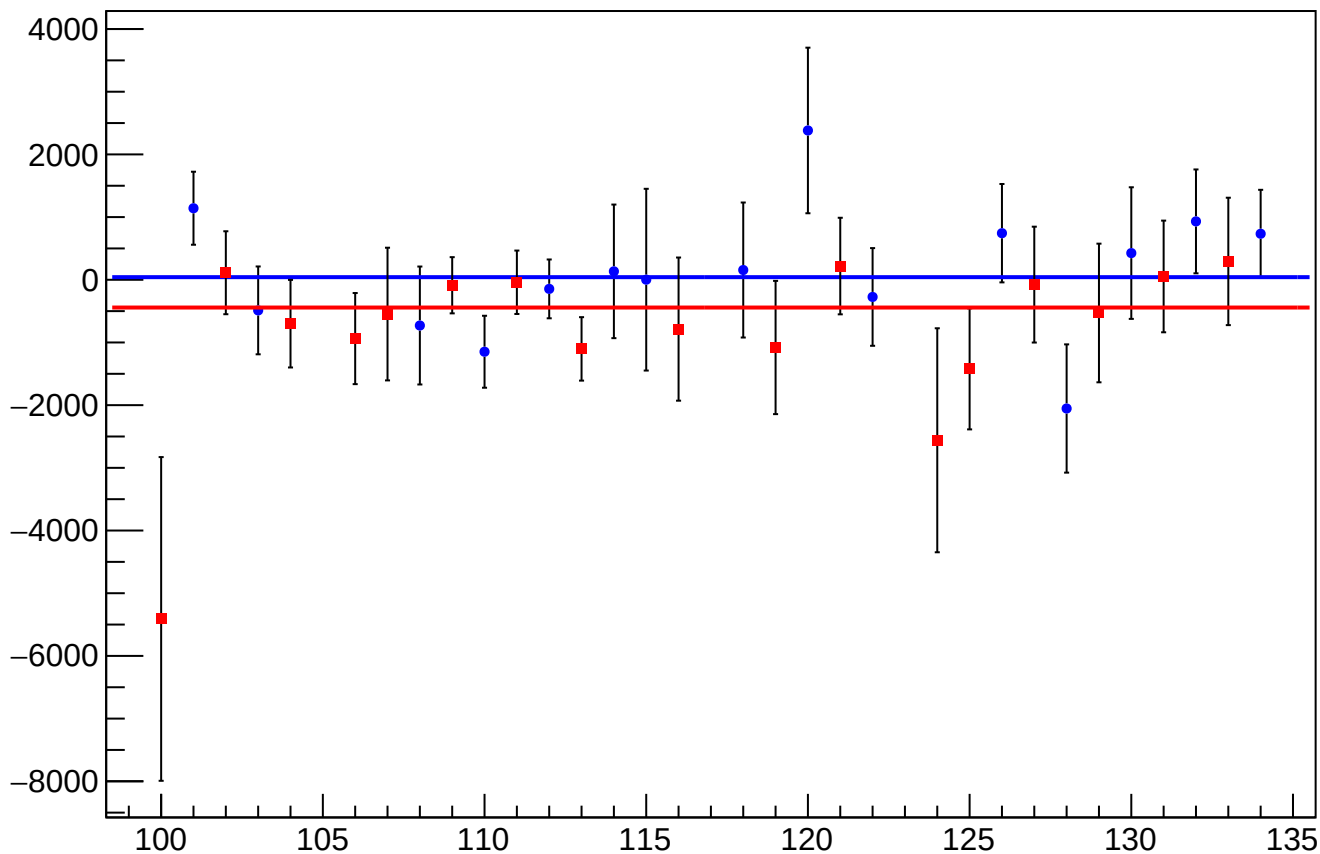
Right: 53.918 $\pm$ 0.011 χ^2 /NDF: 1227555.1/31

In: 53.607 $\pm$ 0.016 χ^2 /NDF: 571221.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.918 $\pm$ 0.011 χ^2 /NDF: 1227555.1/31

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 41.867+/-199.549 χ^2/NDF : 19.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.774+/-185.691 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

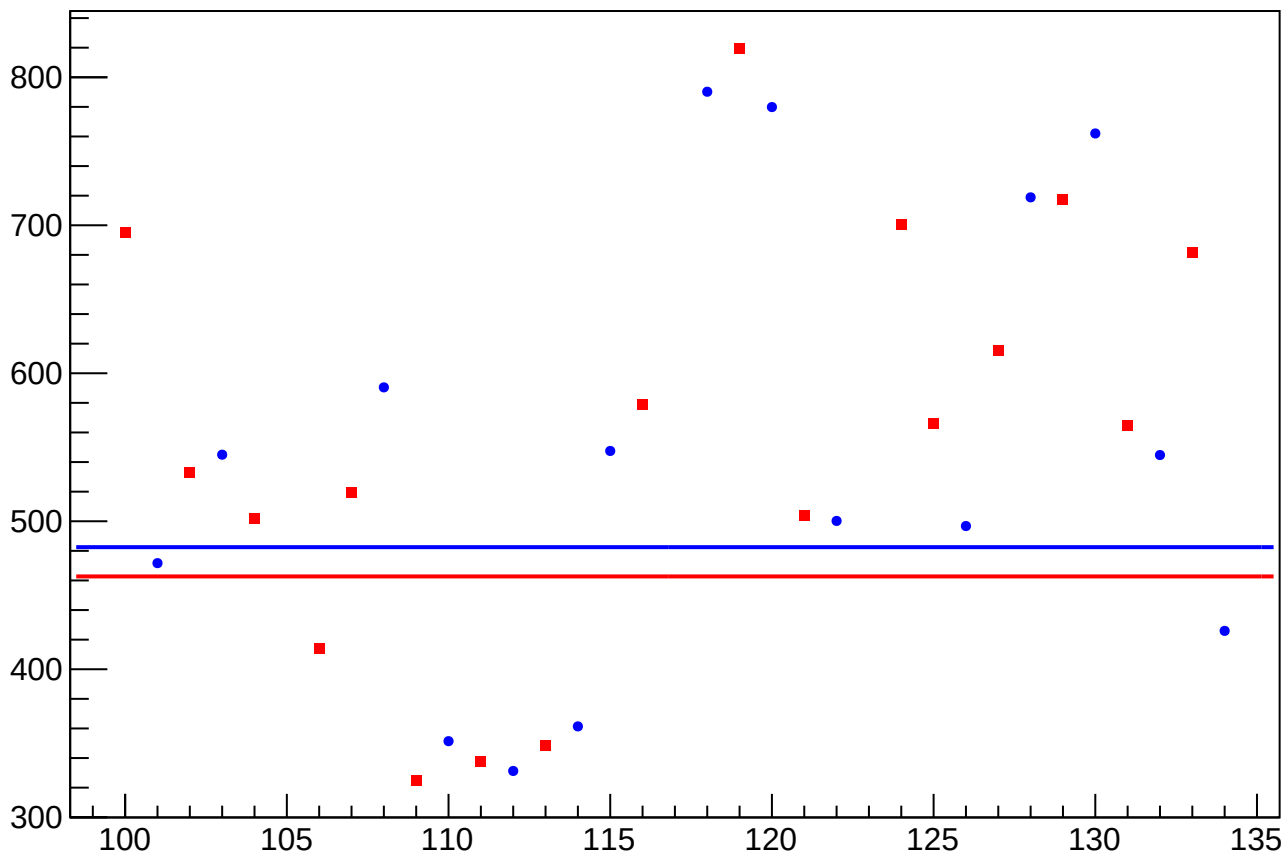
Right: -217.865+/-135.939 χ^2/NDF : 35.6/31

In: 41.867+/-199.549 χ^2/NDF : 19.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.865+/-135.939 χ^2/NDF : 35.6/31

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.498+/-0.141 χ^2/NDF : 924280.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.717+/-0.131 χ^2/NDF : 1062117.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

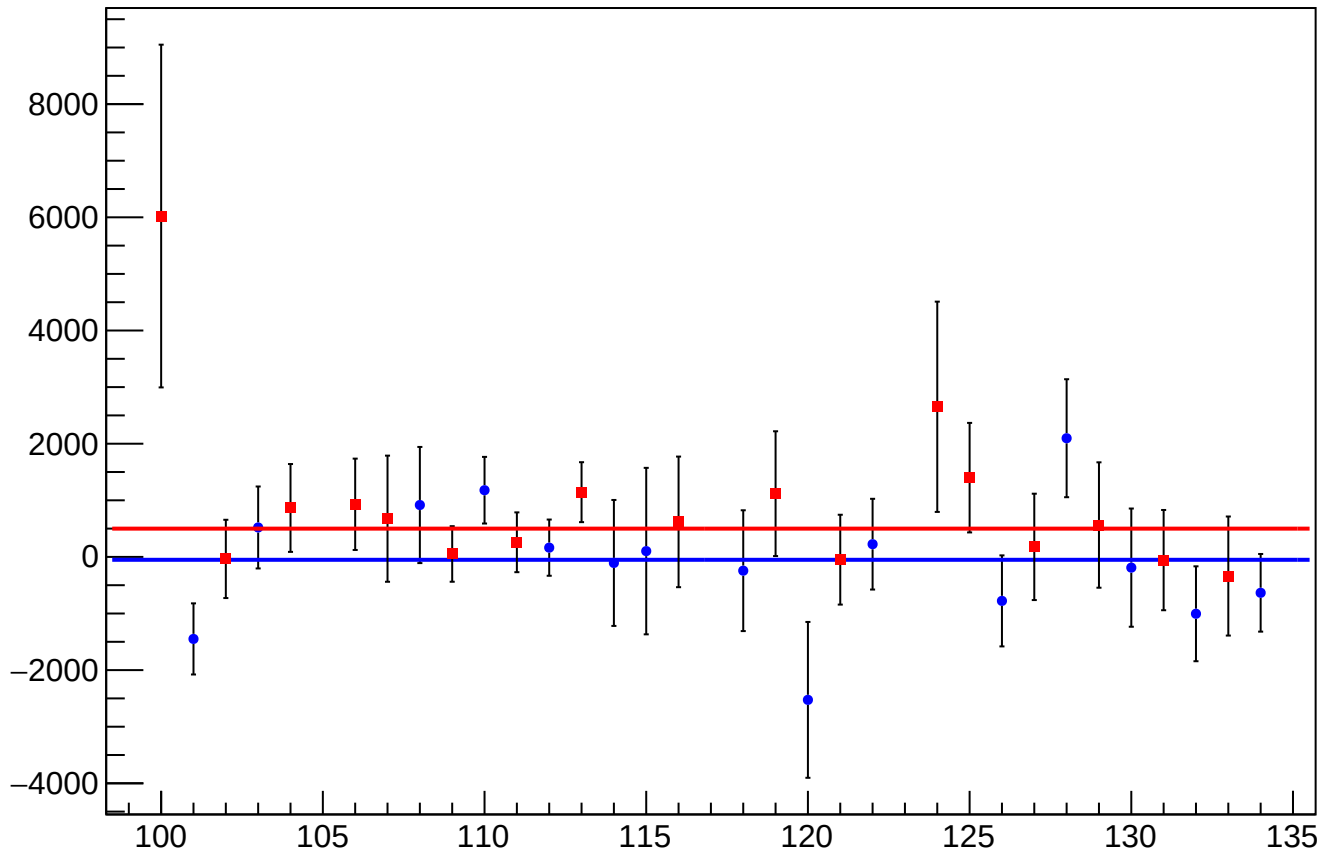
Right: 471.897+/-0.096 χ^2/NDF : 1996931.0/31

In: 482.498+/-0.141 χ^2/NDF : 924280.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.897+/-0.096 χ^2/NDF : 1996931.0/31

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -51.104 ± 206.311 χ^2/NDF : 21.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 499.596 ± 195.557 χ^2/NDF : 11.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

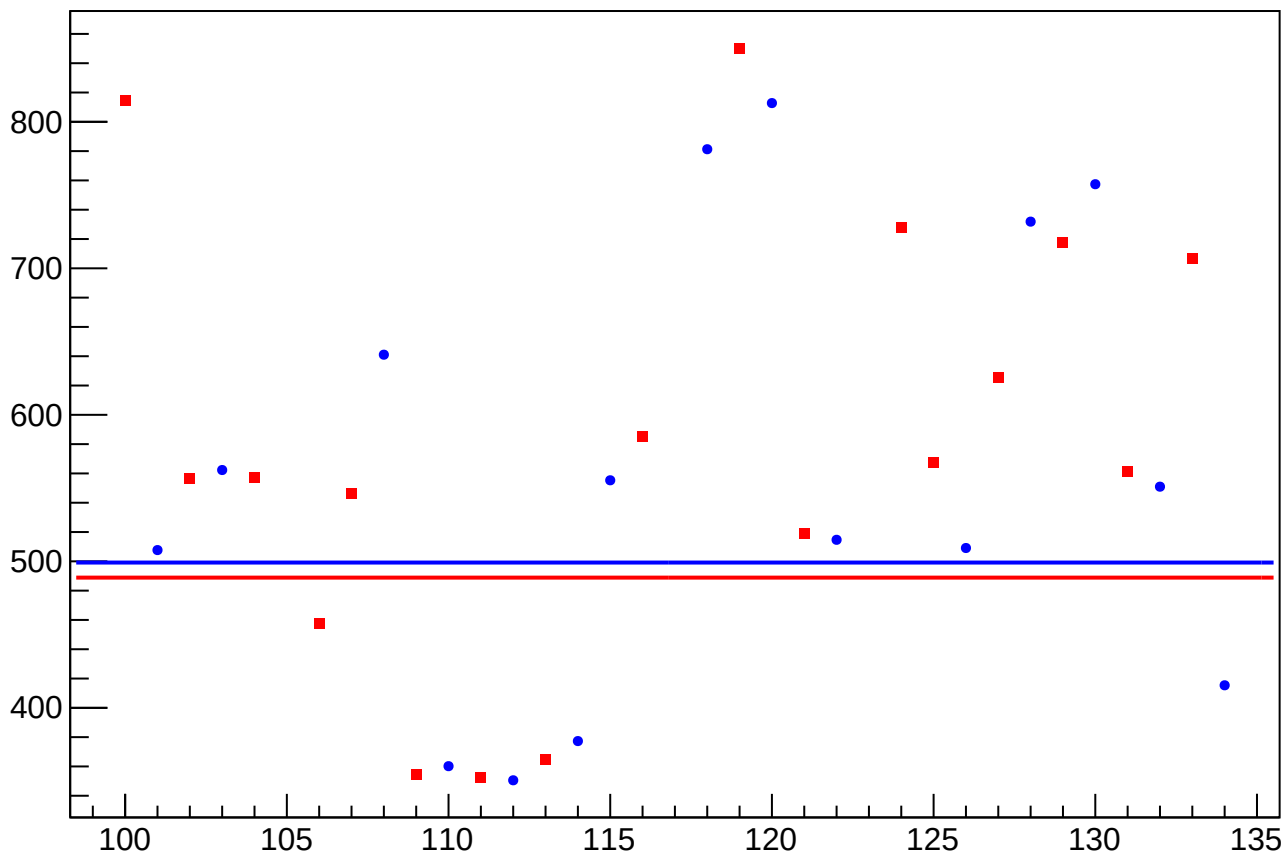
Right: 238.972 ± 141.929 χ^2/NDF : 36.4/31

In: -51.104 ± 206.311 χ^2/NDF : 21.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 238.972 ± 141.929 χ^2/NDF : 36.4/31

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 499.173+/-0.146 χ^2/NDF : 875318.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.888+/-0.138 χ^2/NDF : 962701.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

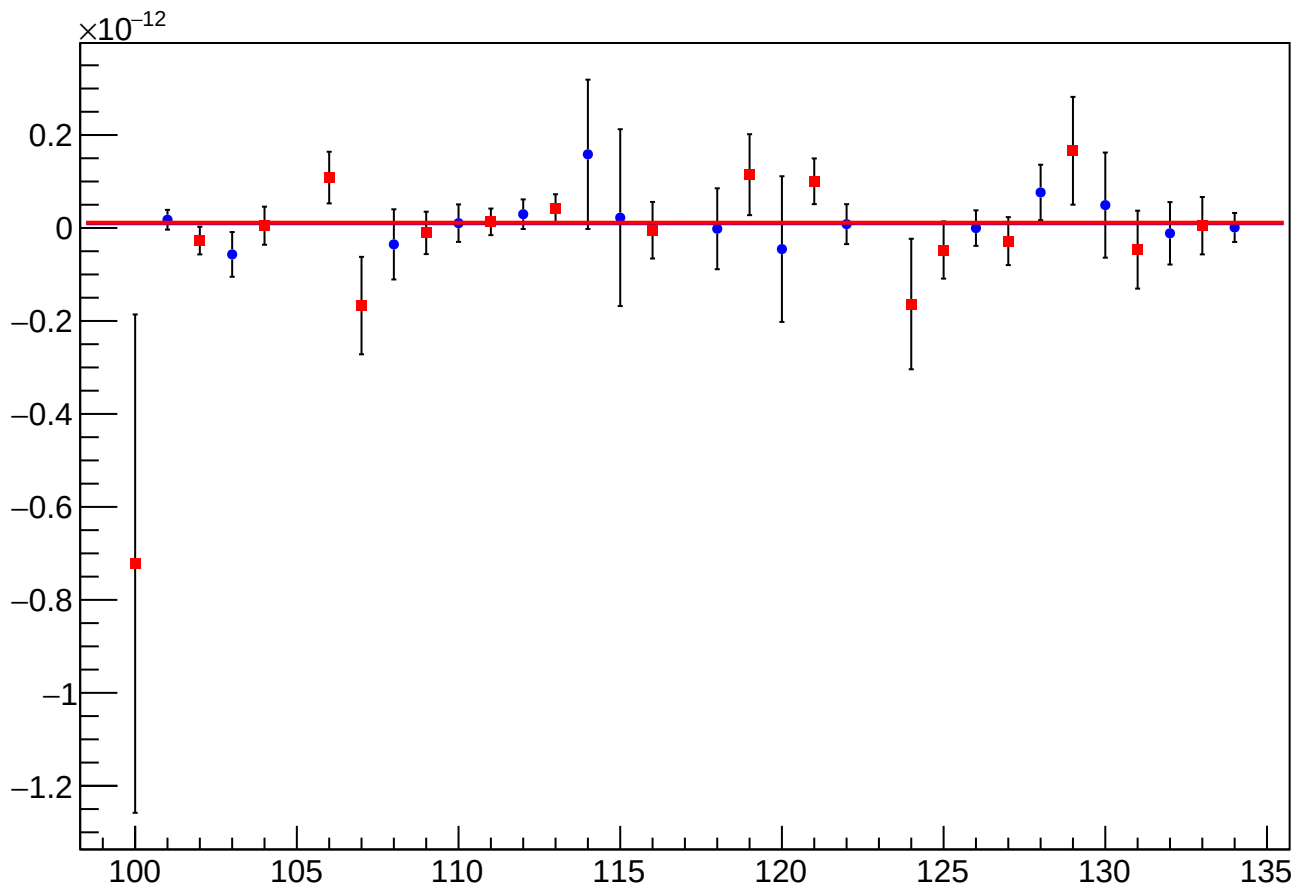
Right: 493.755+/-0.100 χ^2/NDF : 1840637.8/31

In: 499.173+/-0.146 χ^2/NDF : 875318.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.755+/-0.100 χ^2/NDF : 1840637.8/31

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

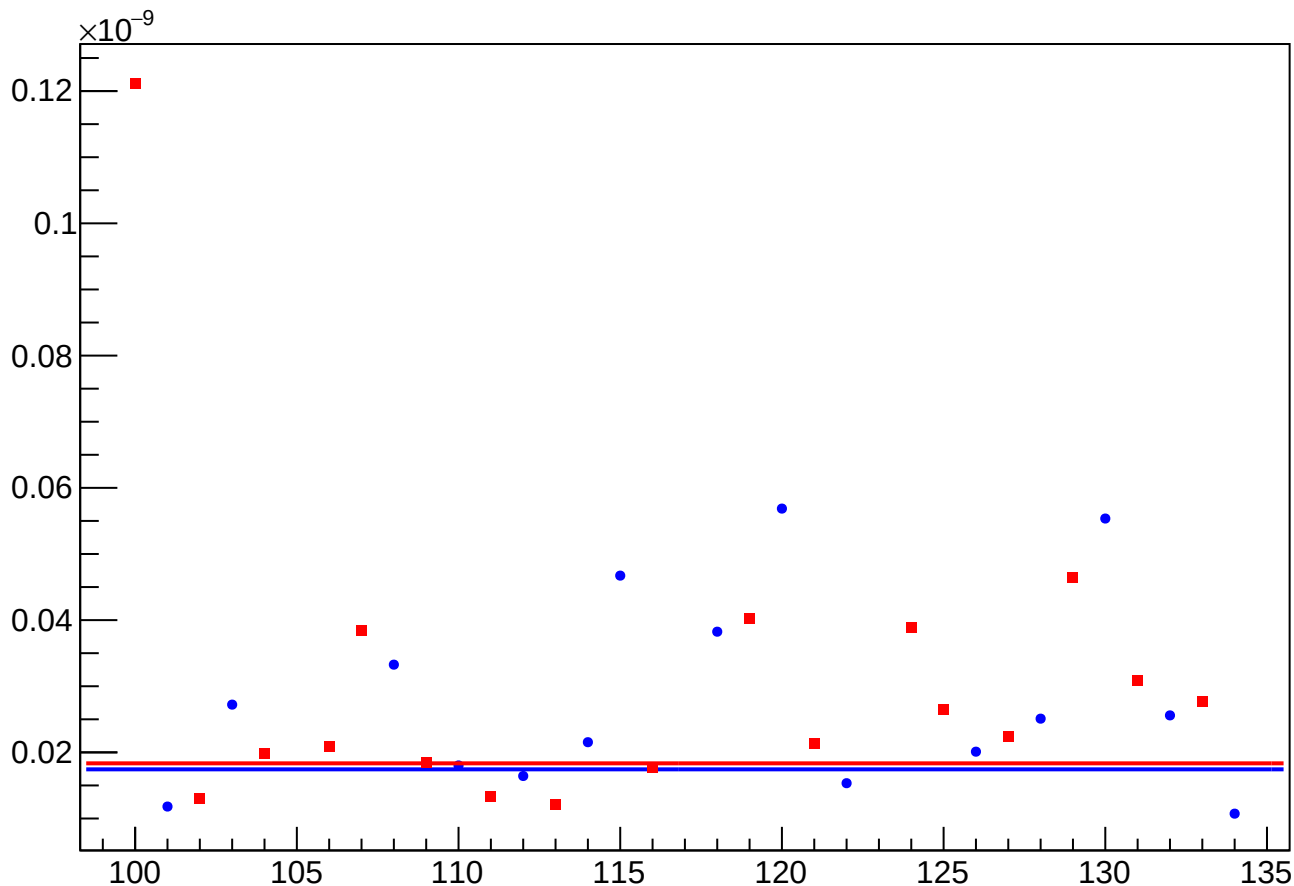
Right: 0.000+/-0.000 χ^2/NDF : 26.4/31

In: 0.000+/-0.000 χ^2/NDF : 5.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.4/31

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 997352.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 794168.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

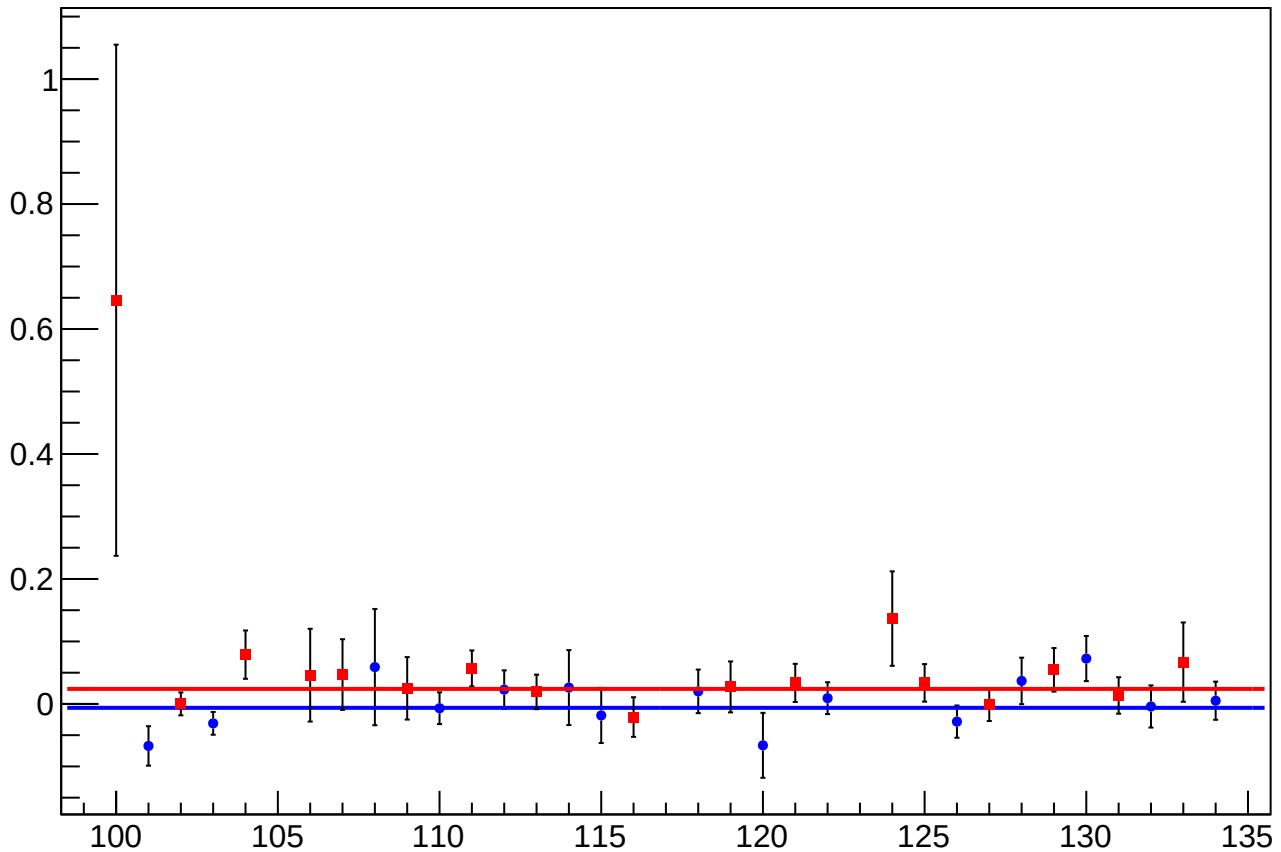
Right: 0.000+/-0.000 χ^2/NDF : 1797466.0/31

In: 0.000+/-0.000 χ^2/NDF : 997352.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1797466.0/31

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.008 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

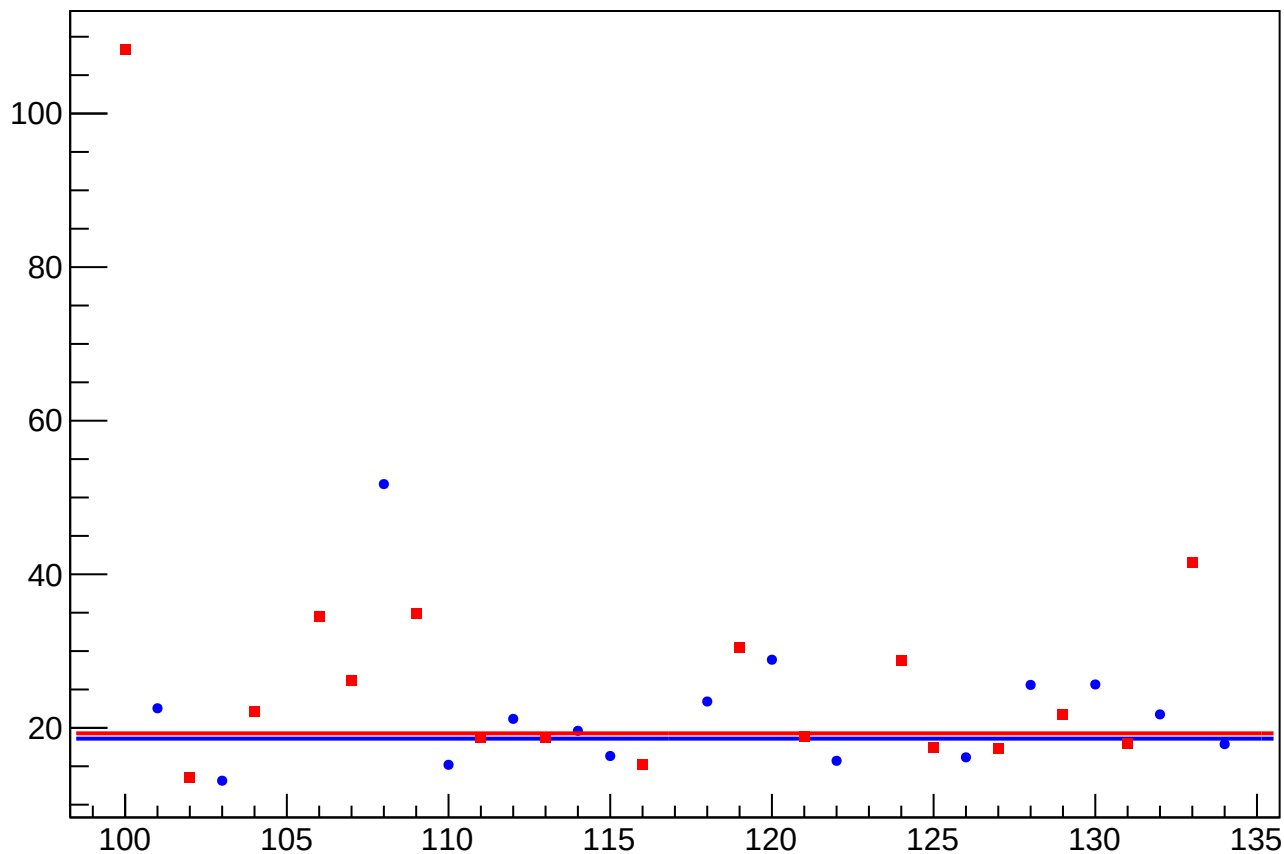
Right: 0.009 $\pm$ 0.006 χ^2 /NDF: 37.8/31

In: -0.006 $\pm$ 0.008 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 37.8/31

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.600+/-0.006 χ^2/NDF : 847477.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.287+/-0.006 χ^2/NDF : 1098735.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

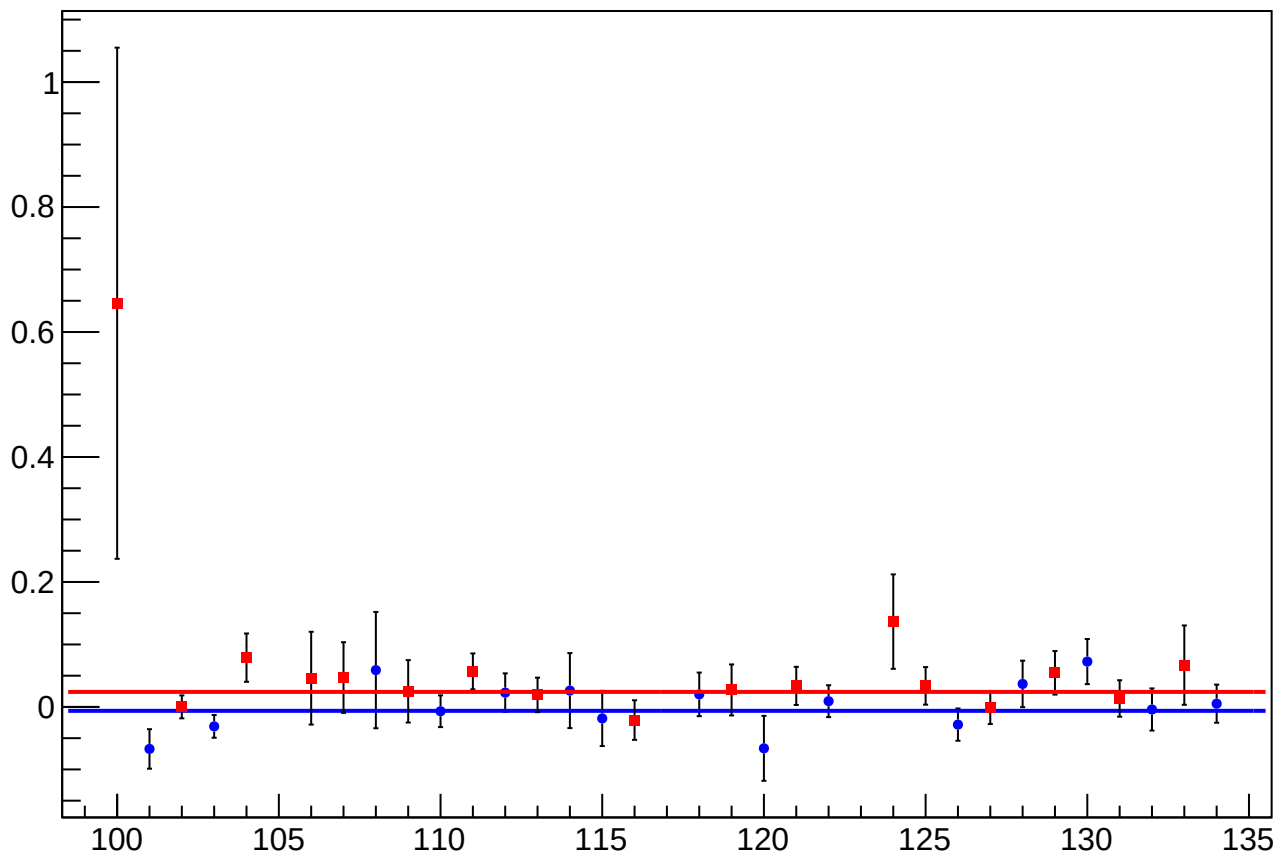
Right: 18.938+/-0.004 χ^2/NDF : 1953271.5/31

In: 18.600+/-0.006 χ^2/NDF : 847477.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.938+/-0.004 χ^2/NDF : 1953271.5/31

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.008 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.008 χ^2/NDF : 14.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

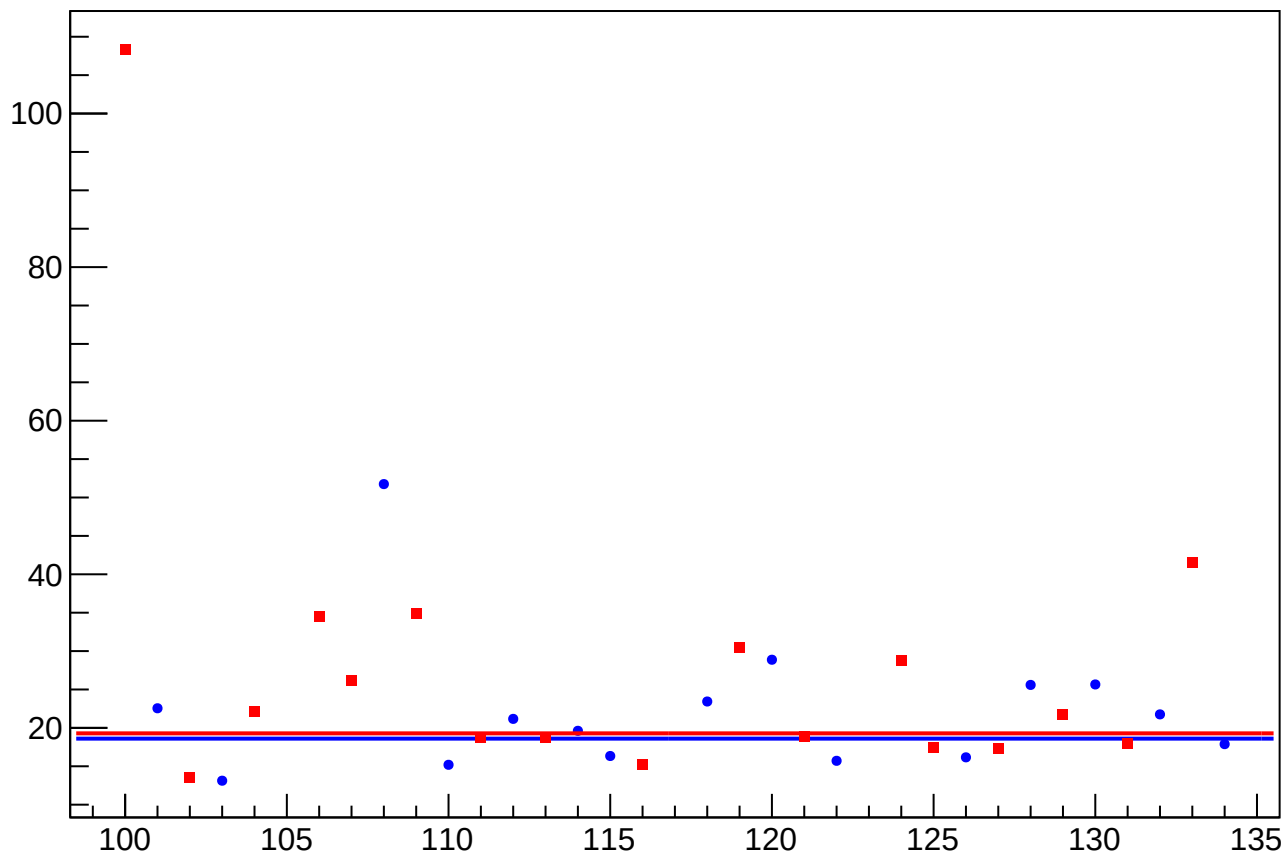
Right: 0.009 ± 0.006 χ^2/NDF : 37.8/31

In: -0.006 ± 0.008 χ^2/NDF : 16.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.006 χ^2/NDF : 37.8/31

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.600+/-0.006 χ^2/NDF : 847477.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.287+/-0.006 χ^2/NDF : 1098735.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

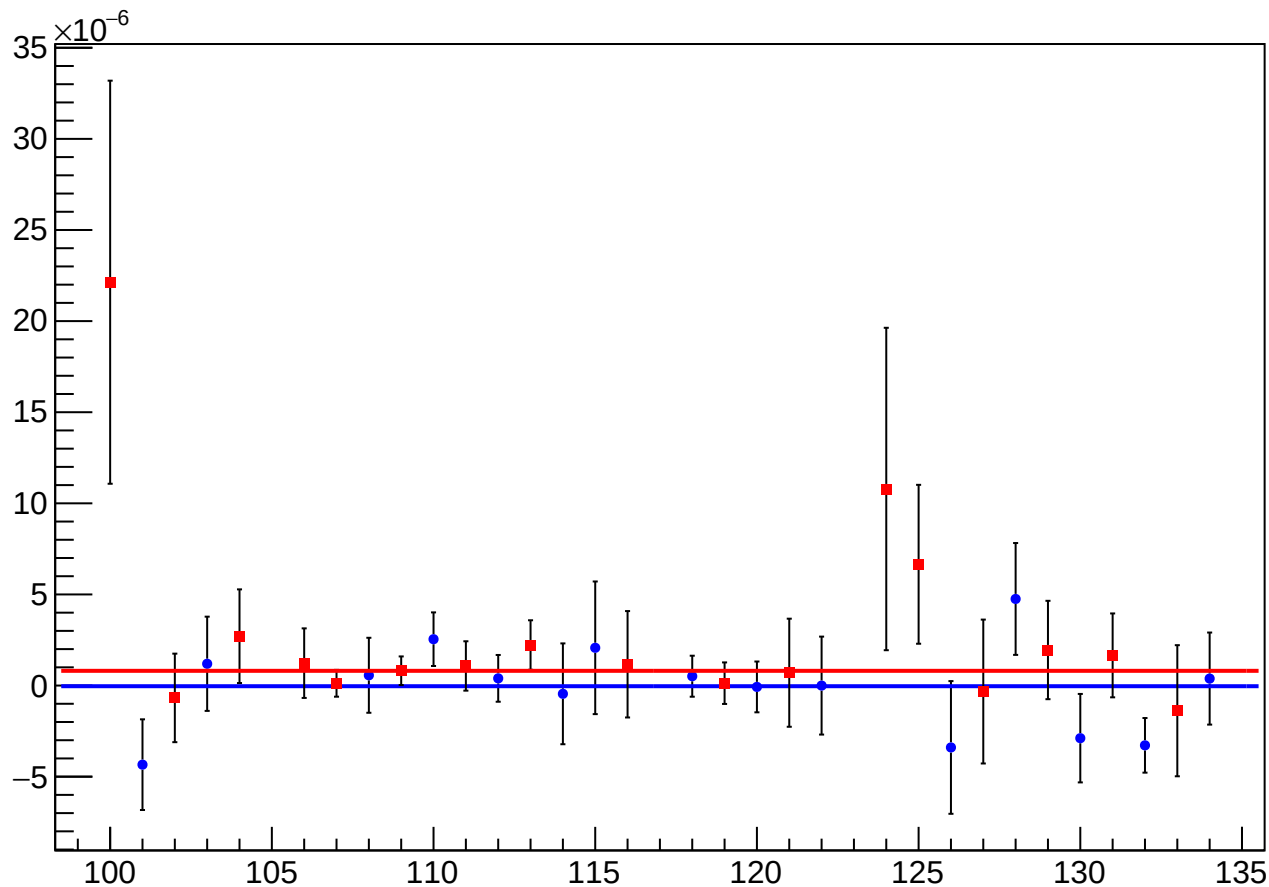
Right: 18.938+/-0.004 χ^2/NDF : 1953271.5/31

In: 18.600+/-0.006 χ^2/NDF : 847477.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.938+/-0.004 χ^2/NDF : 1953271.5/31

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

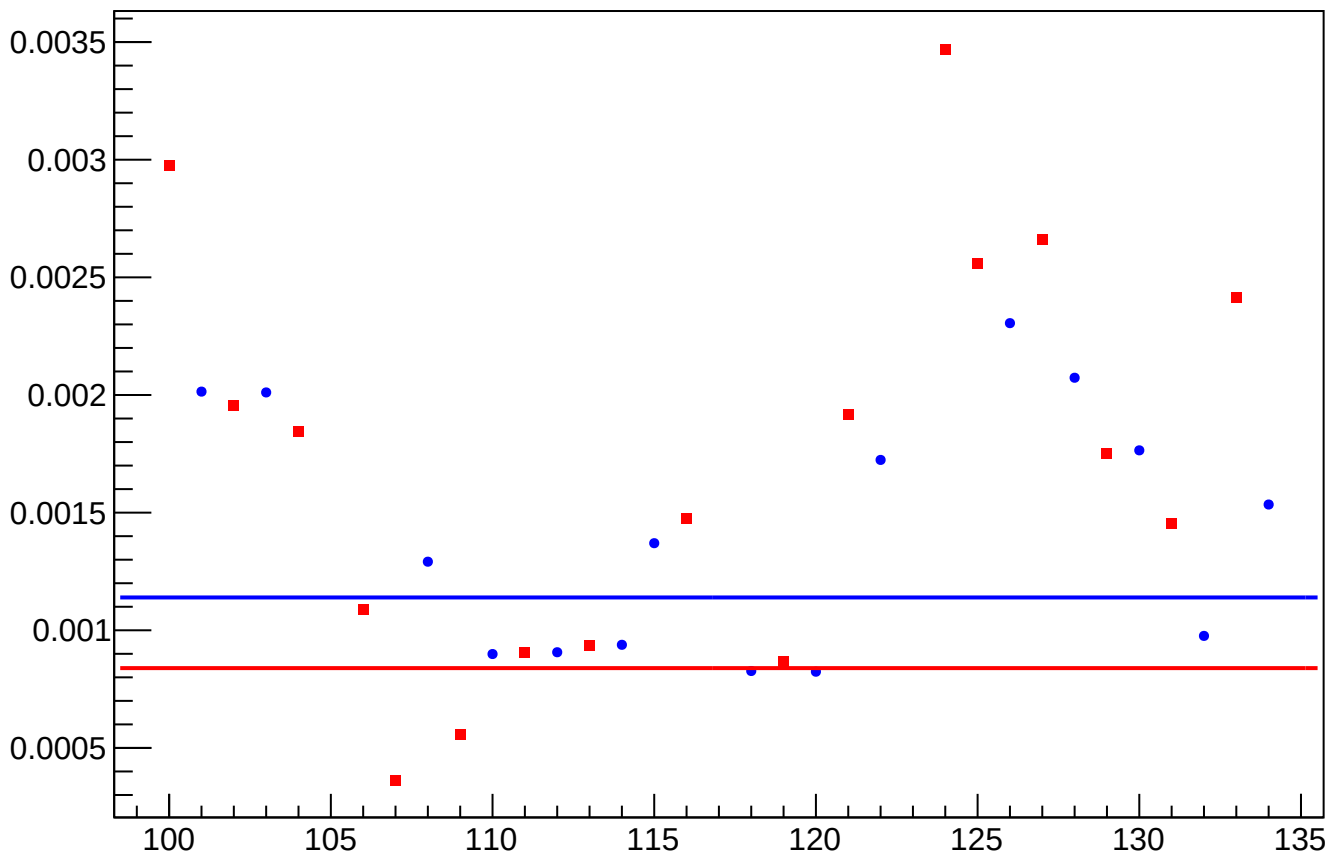
Right: 0.000+/-0.000 χ^2/NDF : 29.2/31

In: -0.000+/-0.000 χ^2/NDF : 16.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.2/31

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1570320.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3982919.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

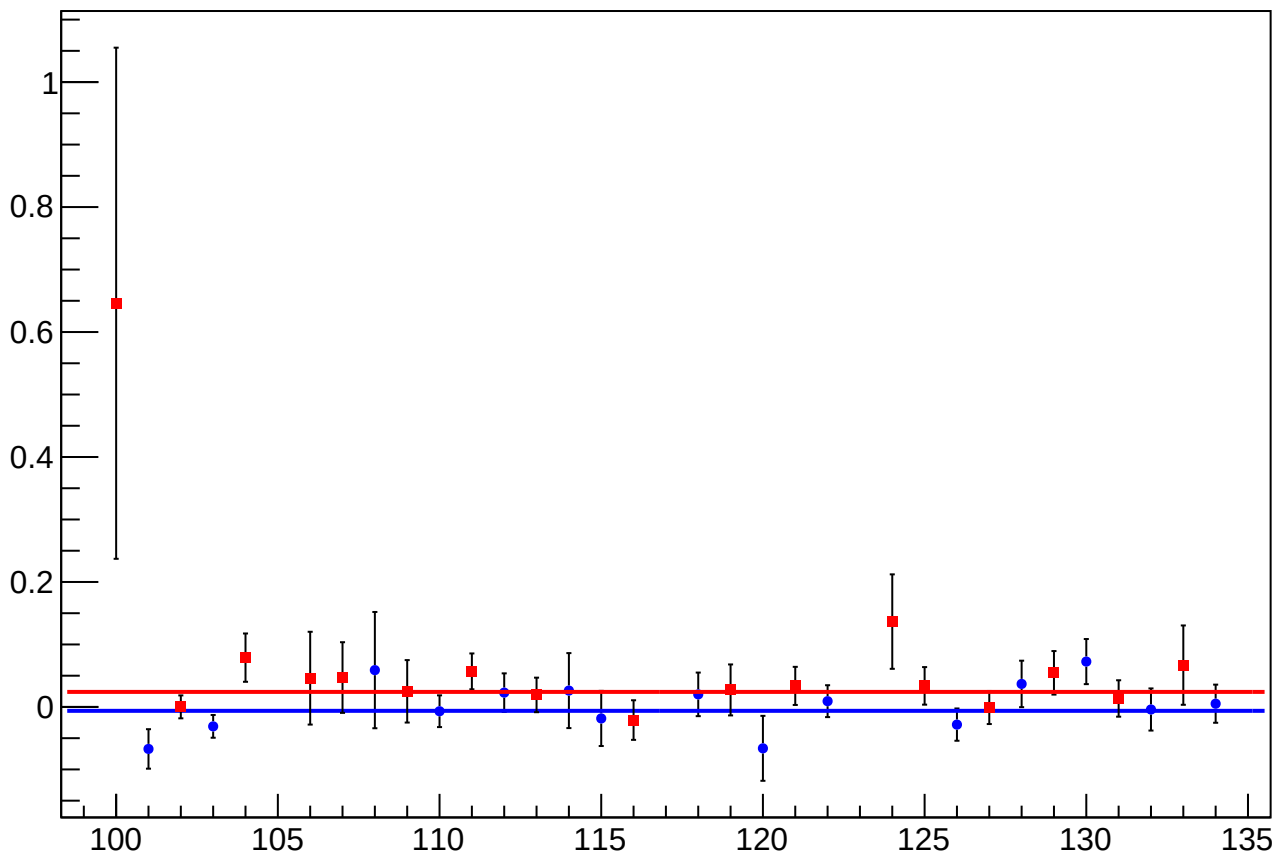
Right: 0.001+/-0.000 χ^2/NDF : 6020096.2/31

In: 0.001+/-0.000 χ^2/NDF : 1570320.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6020096.2/31

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.008 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.008 χ^2/NDF : 14.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

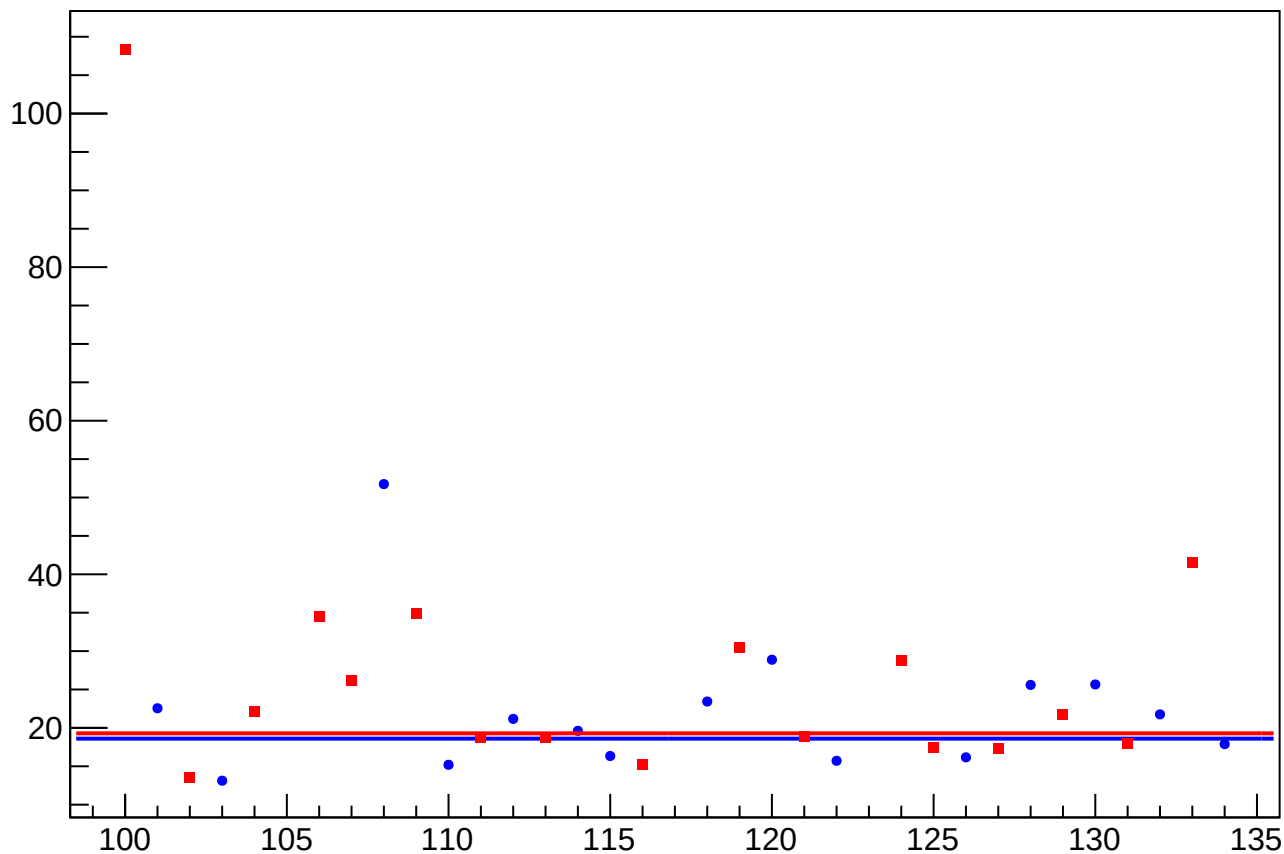
Right: 0.009 ± 0.006 χ^2/NDF : 37.8/31

In: -0.006 ± 0.008 χ^2/NDF : 16.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.006 χ^2/NDF : 37.8/31

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.601+/-0.006 χ^2/NDF : 847346.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.288+/-0.006 χ^2/NDF : 1098595.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

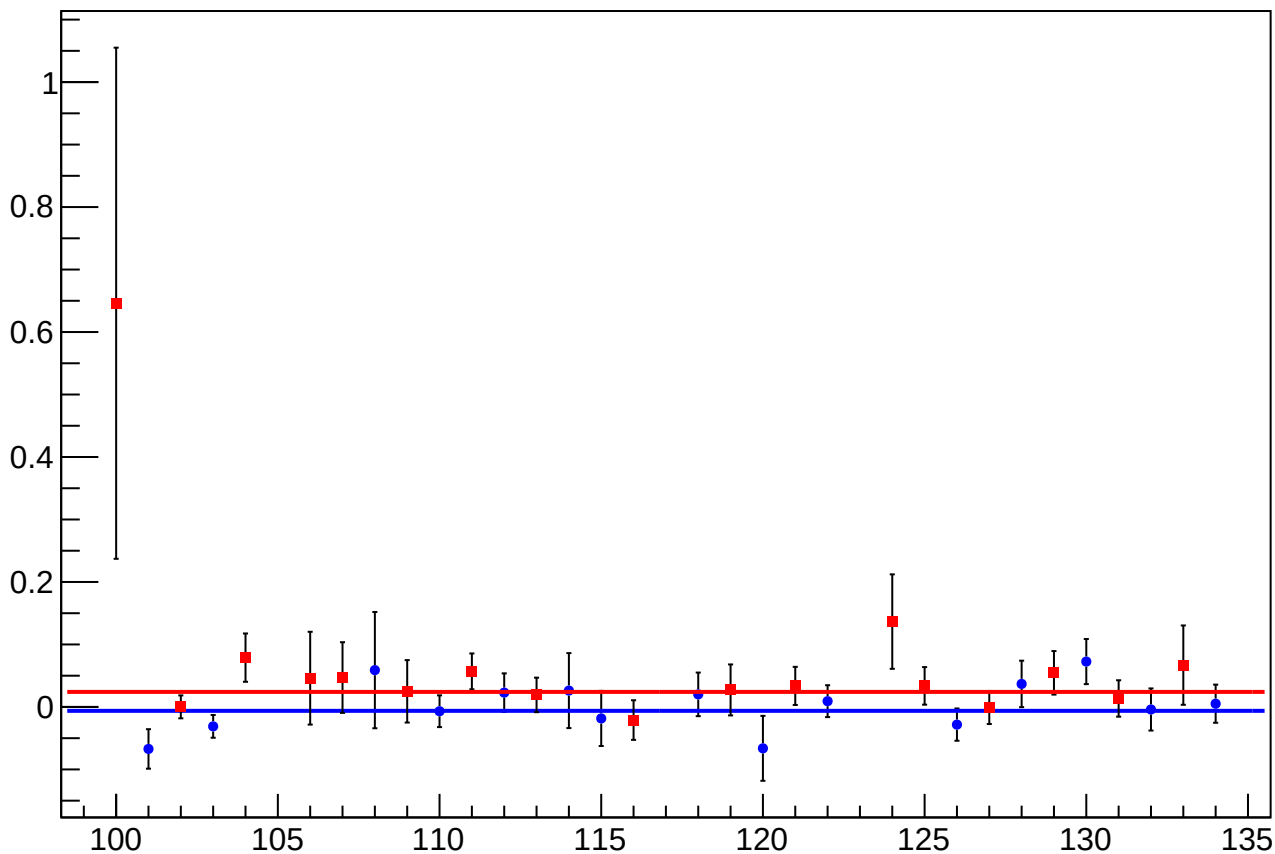
Right: 18.939+/-0.004 χ^2/NDF : 1952998.7/31

In: 18.601+/-0.006 χ^2/NDF : 847346.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.939+/-0.004 χ^2/NDF : 1952998.7/31

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.008 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

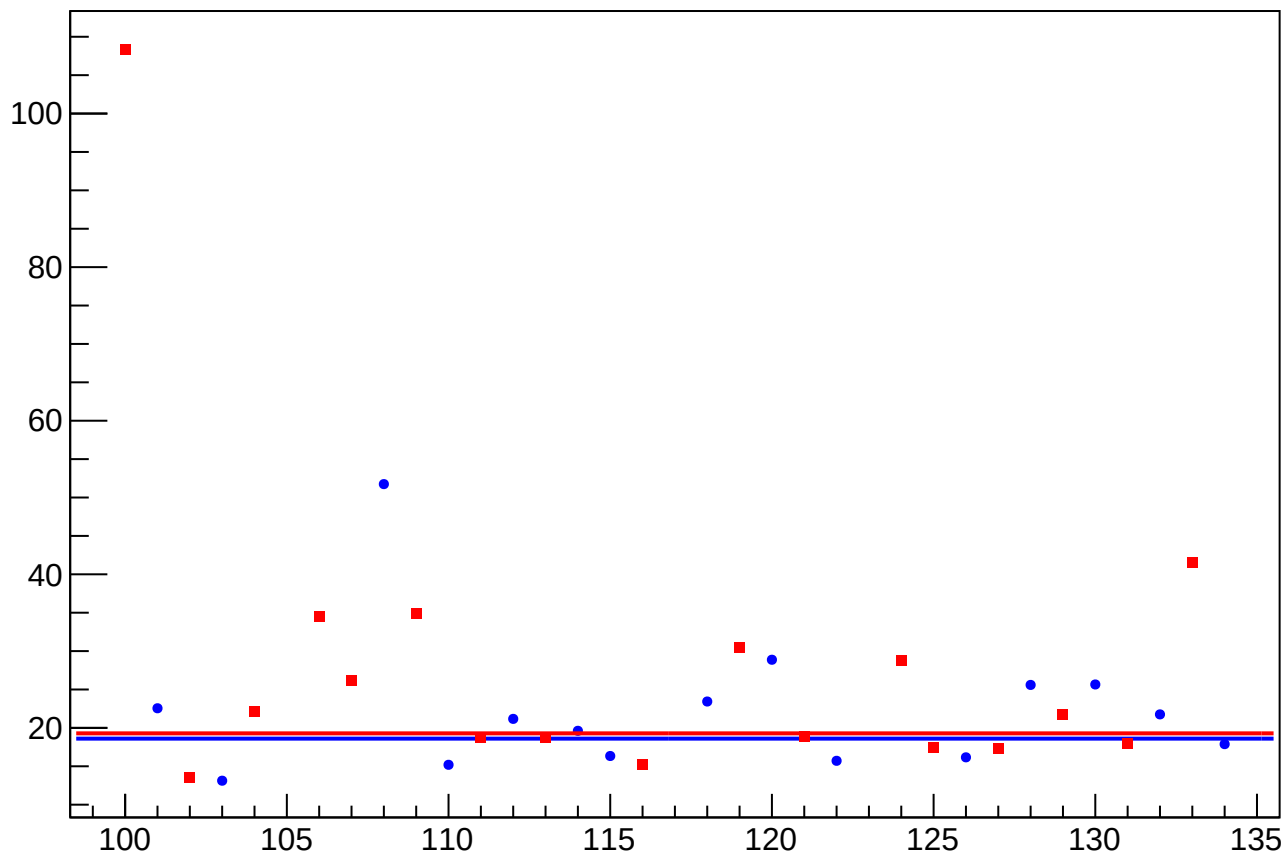
Right: 0.009 $\pm$ 0.006 χ^2 /NDF: 37.8/31

In: -0.006 $\pm$ 0.008 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 37.8/31

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.601+/-0.006 χ^2/NDF : 847346.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.288+/-0.006 χ^2/NDF : 1098595.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

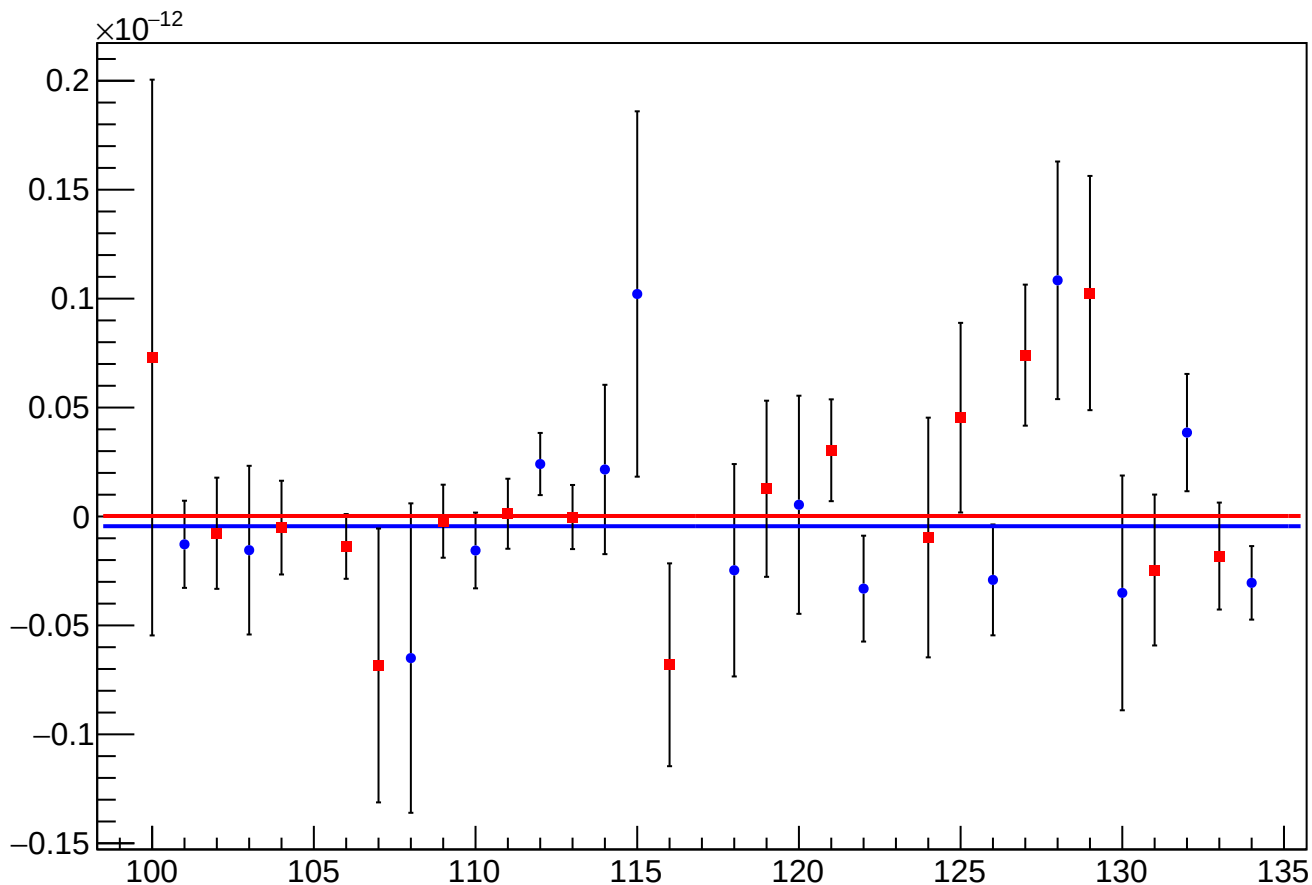
Right: 18.939+/-0.004 χ^2/NDF : 1952998.7/31

In: 18.601+/-0.006 χ^2/NDF : 847346.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.939+/-0.004 χ^2/NDF : 1952998.7/31

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

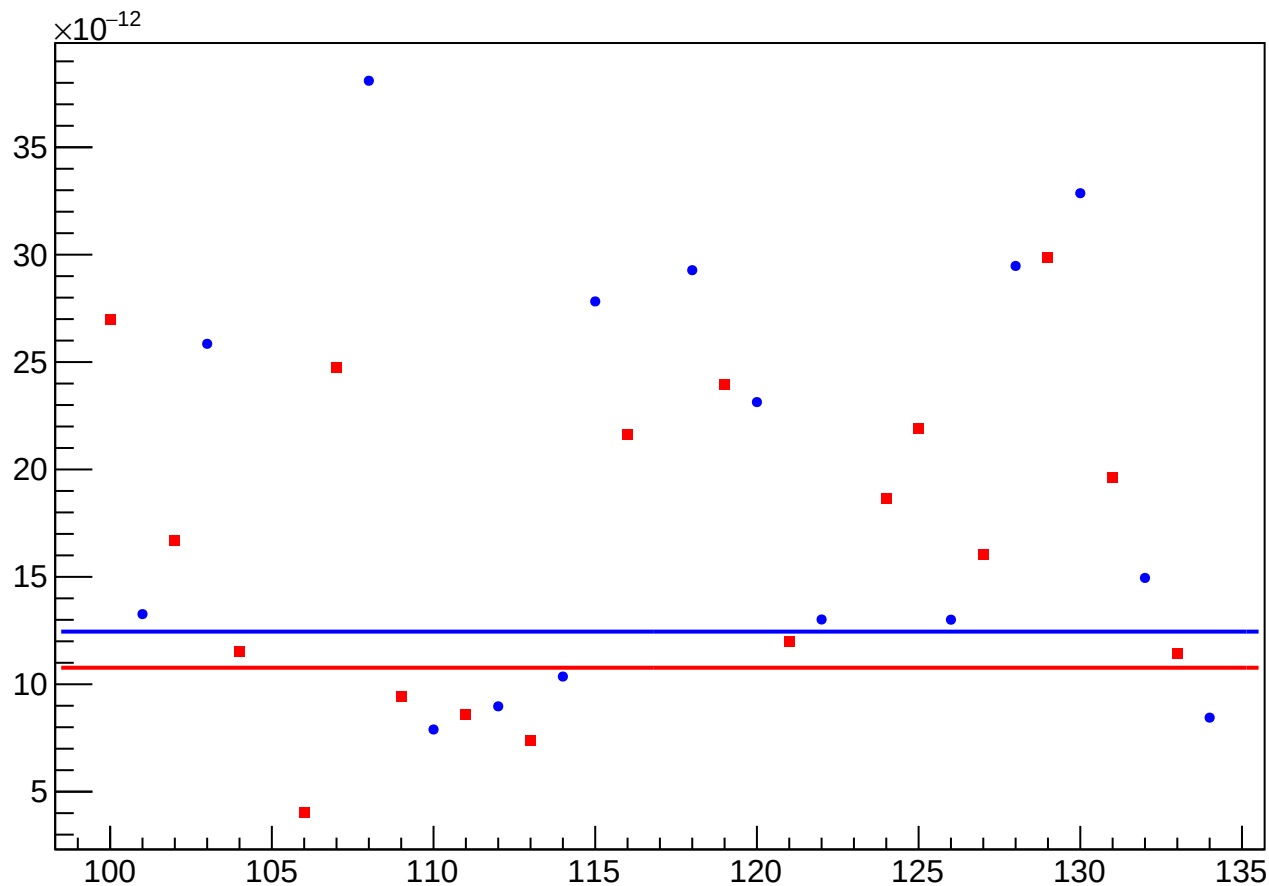
Right: -0.000+/-0.000 χ^2/NDF : 37.3/31

In: -0.000+/-0.000 χ^2/NDF : 19.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.3/31

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1776202.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1745458.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

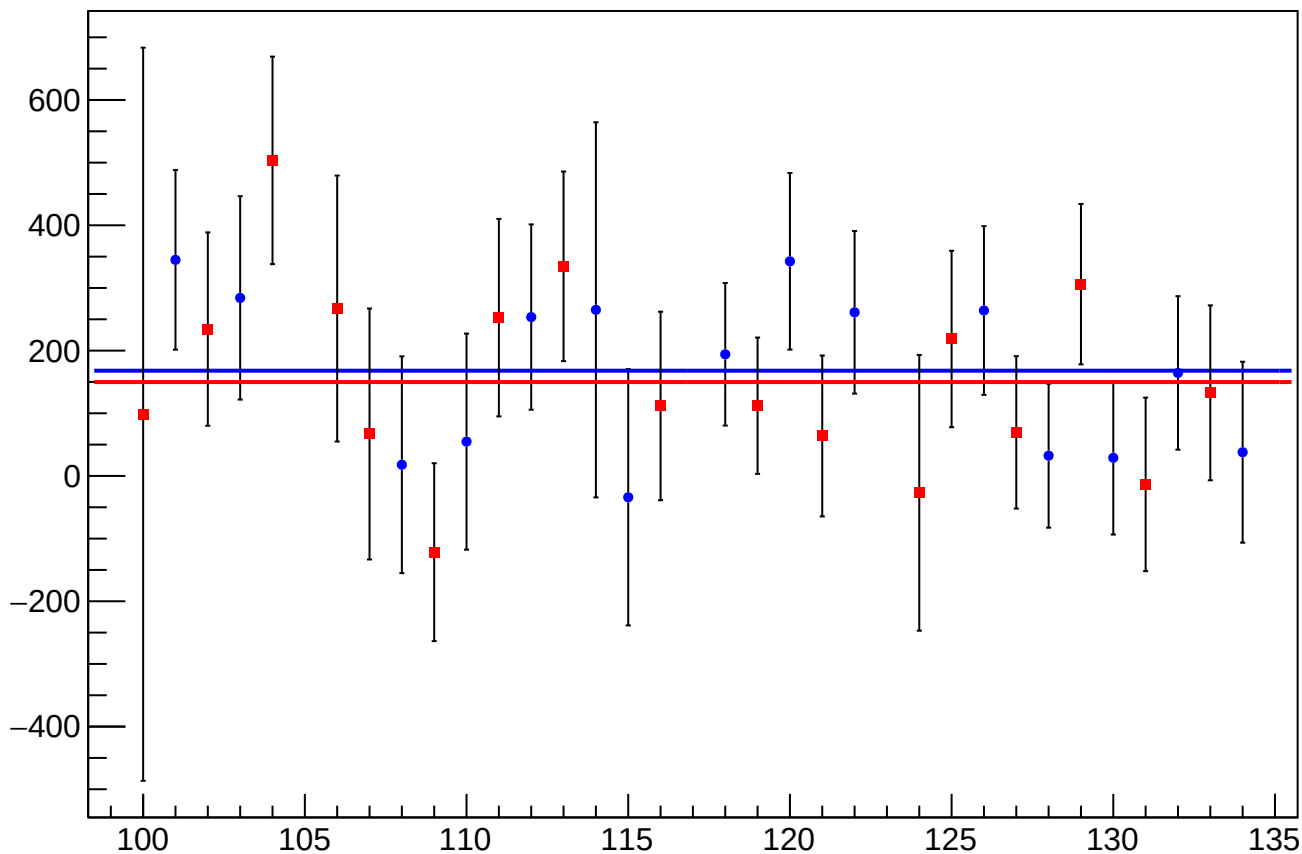
Right: 0.000+/-0.000 χ^2/NDF : 3591506.8/31

In: 0.000+/-0.000 χ^2/NDF : 1776202.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3591506.8/31

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 167.971 $\pm$ 36.918 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.843 $\pm$ 36.400 χ^2 /NDF: 15.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

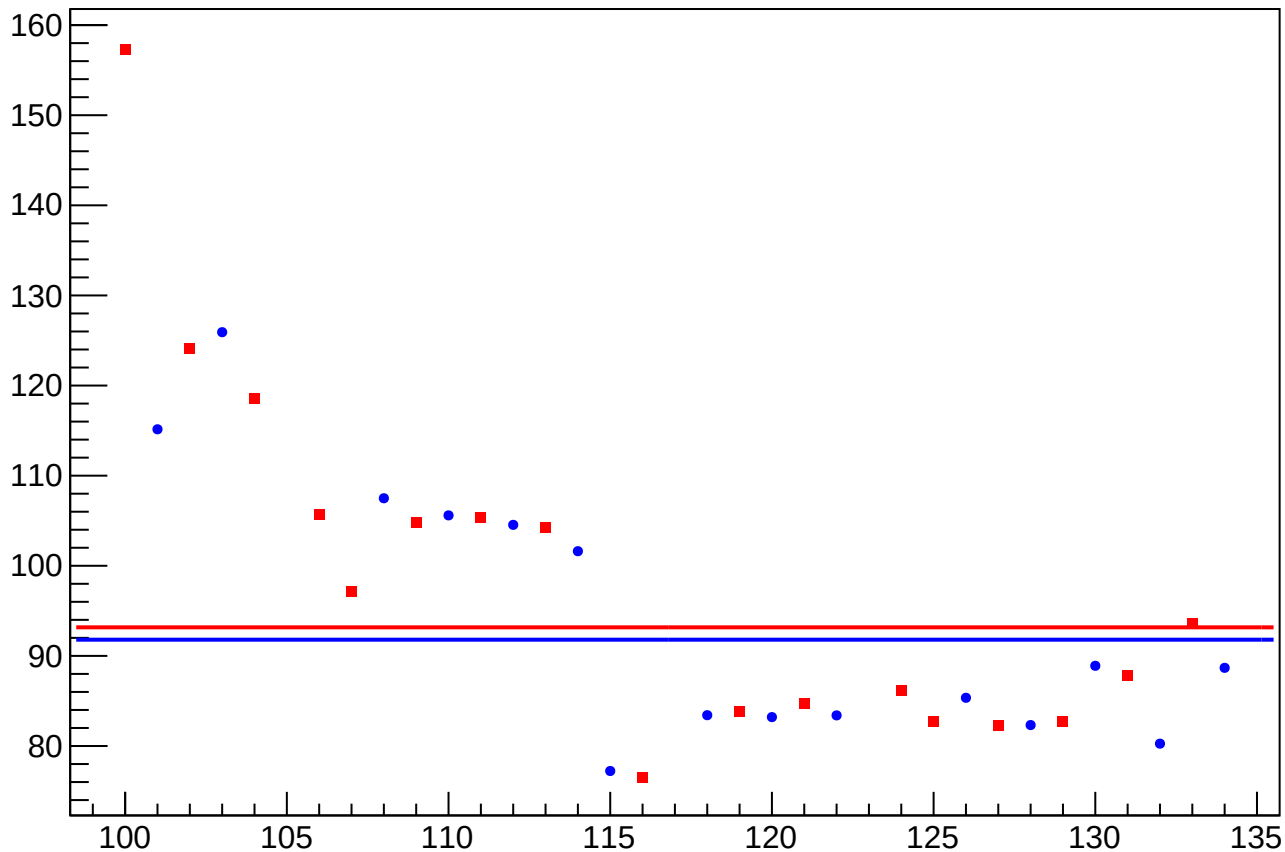
Right: 158.779 $\pm$ 25.920 χ^2 /NDF: 26.6/31

In: 167.971 $\pm$ 36.918 χ^2 /NDF:10.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 158.779 $\pm$ 25.920 χ^2 /NDF: 26.6/31

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 91.799+/-0.026 χ^2/NDF : 262578.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.170+/-0.026 χ^2/NDF : 288317.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

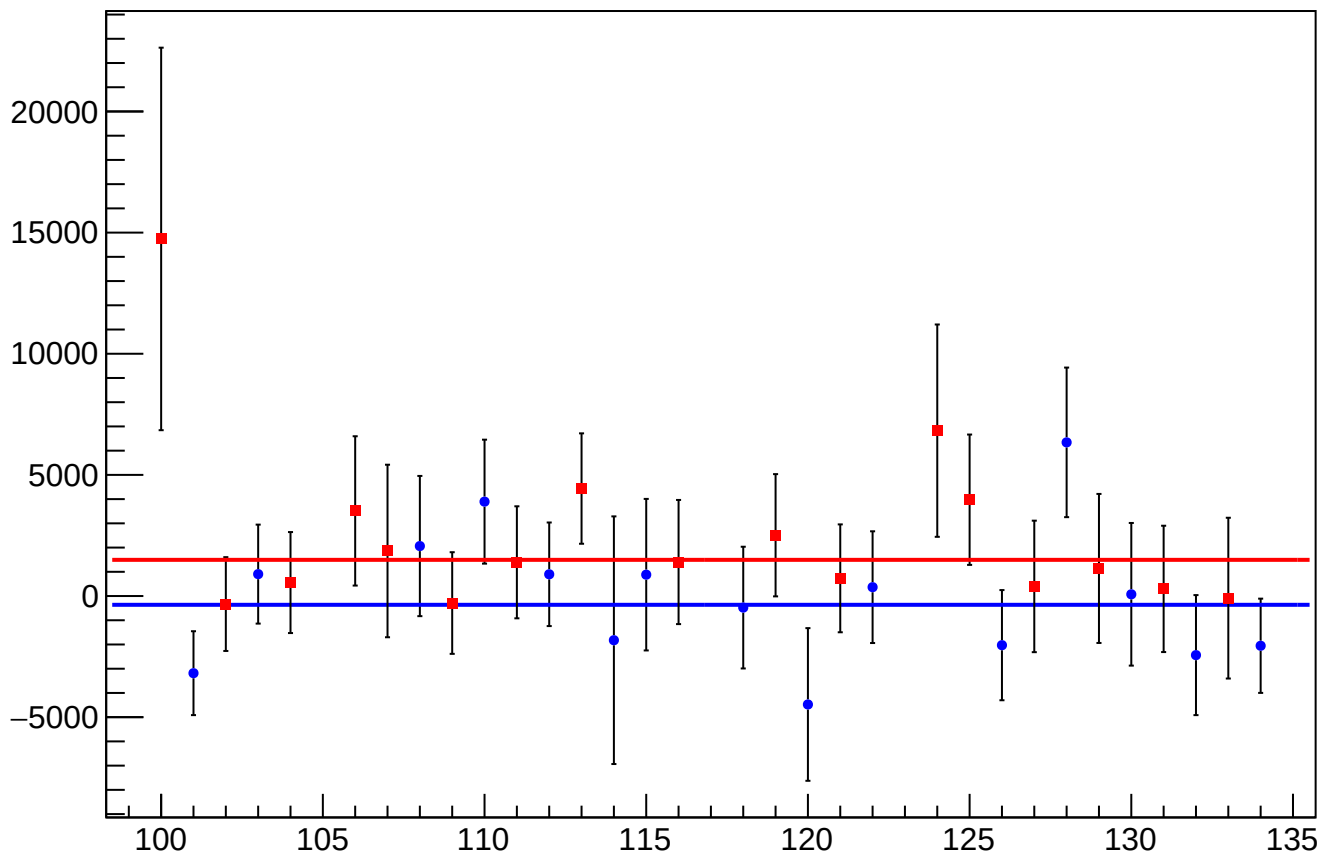
Right: 92.494+/-0.018 χ^2/NDF : 552294.9/31

In: 91.799+/-0.026 χ^2/NDF : 262578.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.494+/-0.018 χ^2/NDF : 552294.9/31

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -362.315 ± 633.295 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1493.570 ± 634.340 χ^2/NDF : 10.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

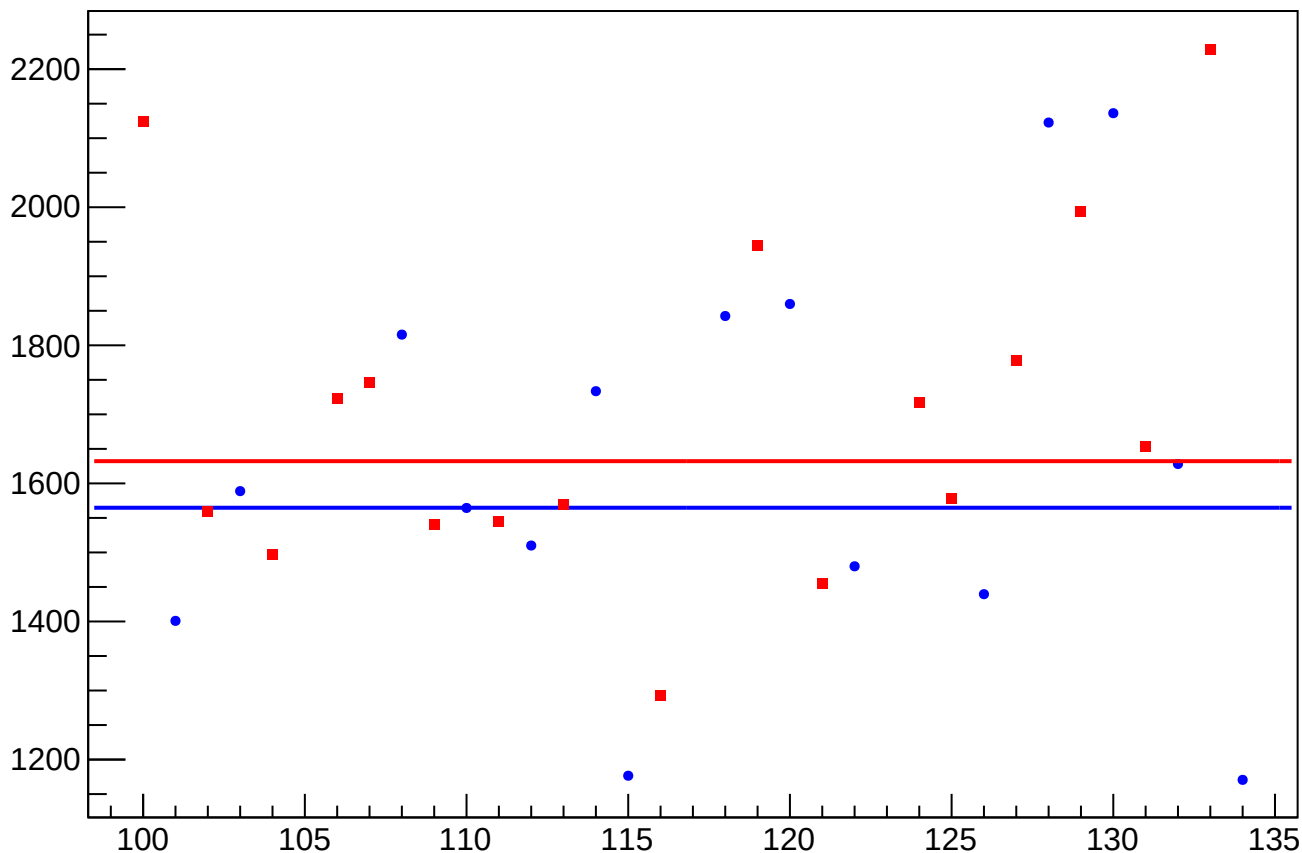
Right: 564.099 ± 448.176 χ^2/NDF : 29.9/31

In: -362.315 ± 633.295 χ^2/NDF : 15.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 564.099 ± 448.176 χ^2/NDF : 29.9/31

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1564.740+/-0.448 χ^2/NDF : 342415.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.212+/-0.449 χ^2/NDF : 209441.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

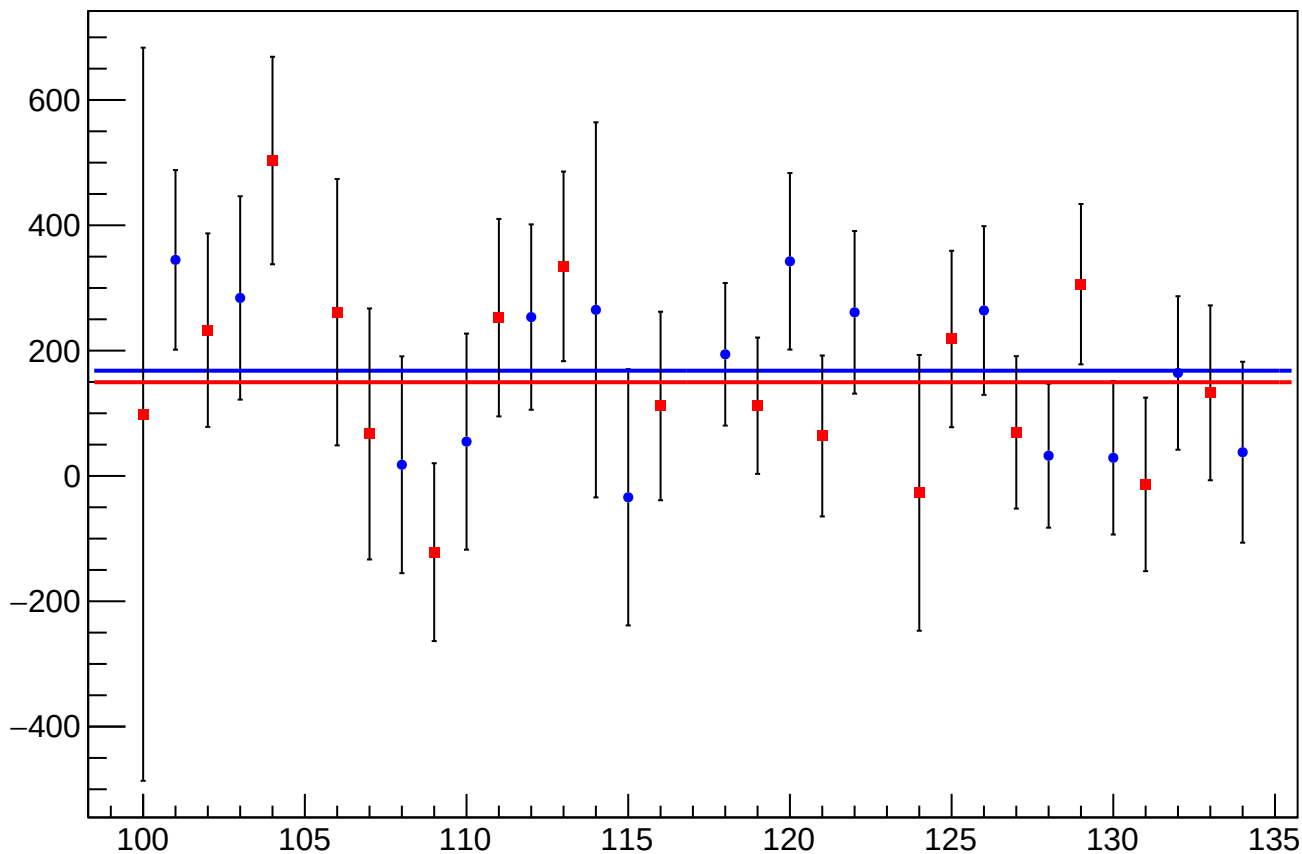
Right: 1598.420+/-0.317 χ^2/NDF : 563190.0/31

In: 1564.740+/-0.448 χ^2/NDF : 342415.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.420+/-0.317 χ^2/NDF : 563190.0/31

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 167.967 $\pm$ 36.918 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.554 $\pm$ 36.403 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

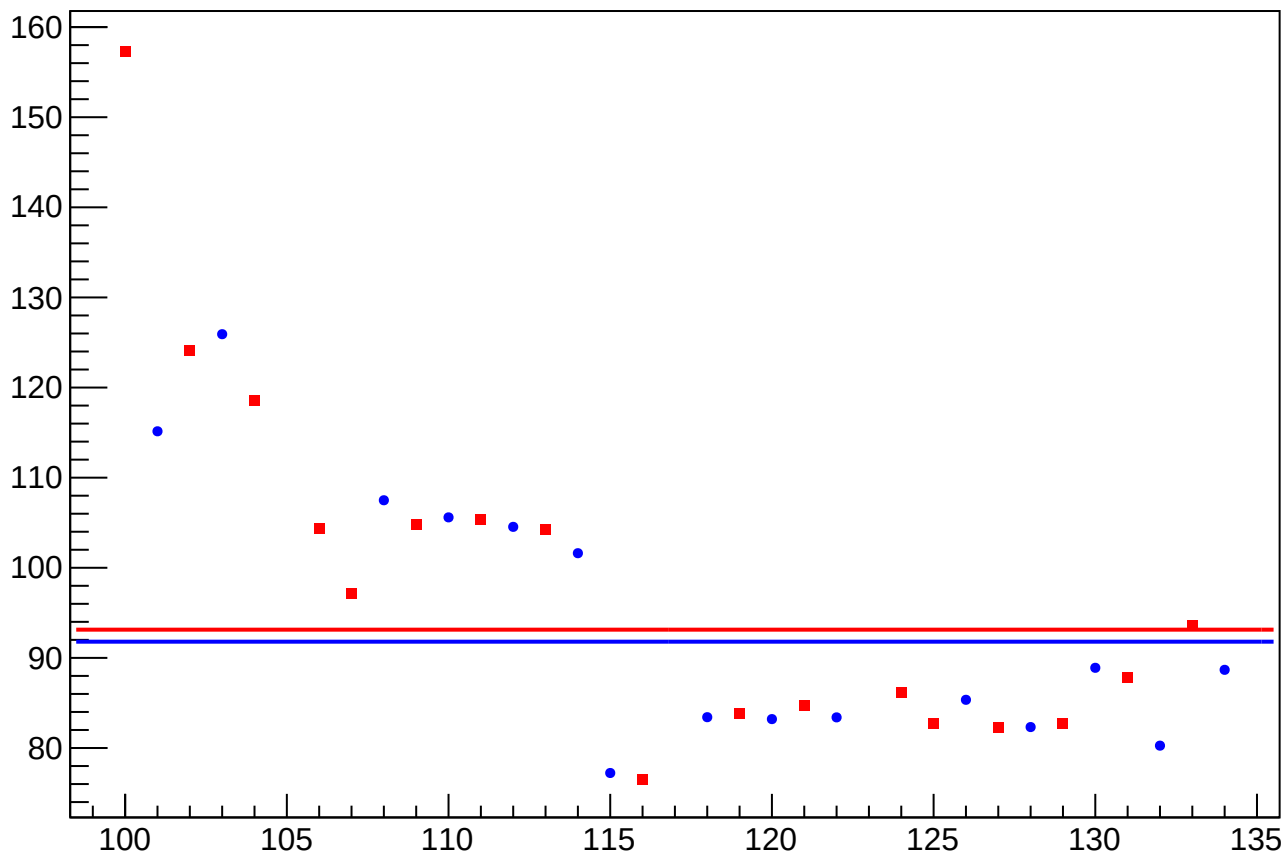
Right: 158.631 $\pm$ 25.921 χ^2 /NDF: 26.6/31

In: 167.967 $\pm$ 36.918 χ^2 /NDF:10.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 158.631 $\pm$ 25.921 χ^2 /NDF: 26.6/31

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 91.799+/-0.026 χ^2/NDF : 262579.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.133+/-0.026 χ^2/NDF : 287169.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

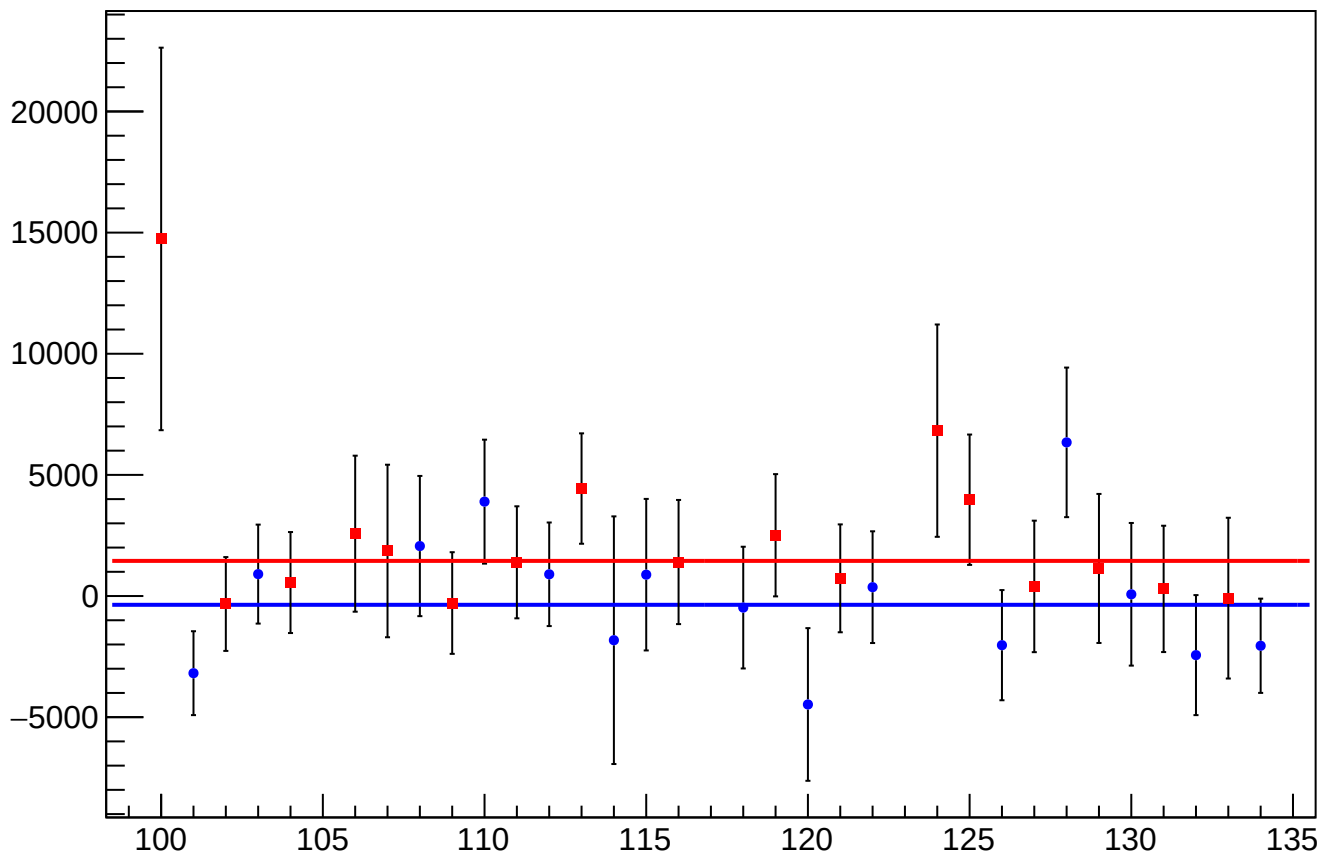
Right: 92.475+/-0.018 χ^2/NDF : 551072.9/31

In: 91.799+/-0.026 χ^2/NDF : 262579.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.475+/-0.018 χ^2/NDF : 551072.9/31

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -362.278+/-633.298 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.251+/-635.501 χ^2/NDF : 9.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

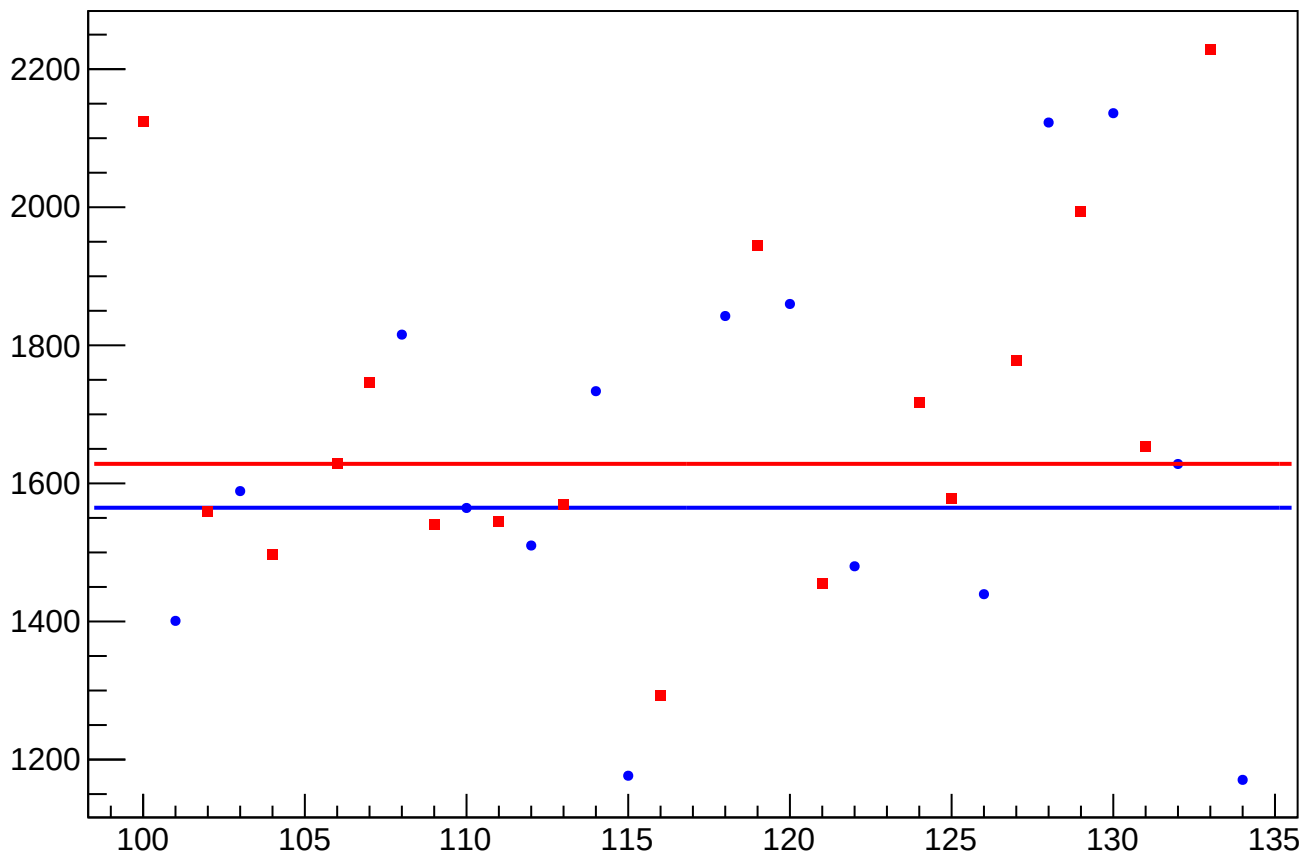
Right: 540.839+/-448.586 χ^2/NDF : 29.4/31

In: -362.278+/-633.298 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.839+/-448.586 χ^2/NDF : 29.4/31

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1564.746 $\pm$ 0.448 χ^2/NDF : 342417.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1628.301 $\pm$ 0.449 χ^2/NDF : 207605.3/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

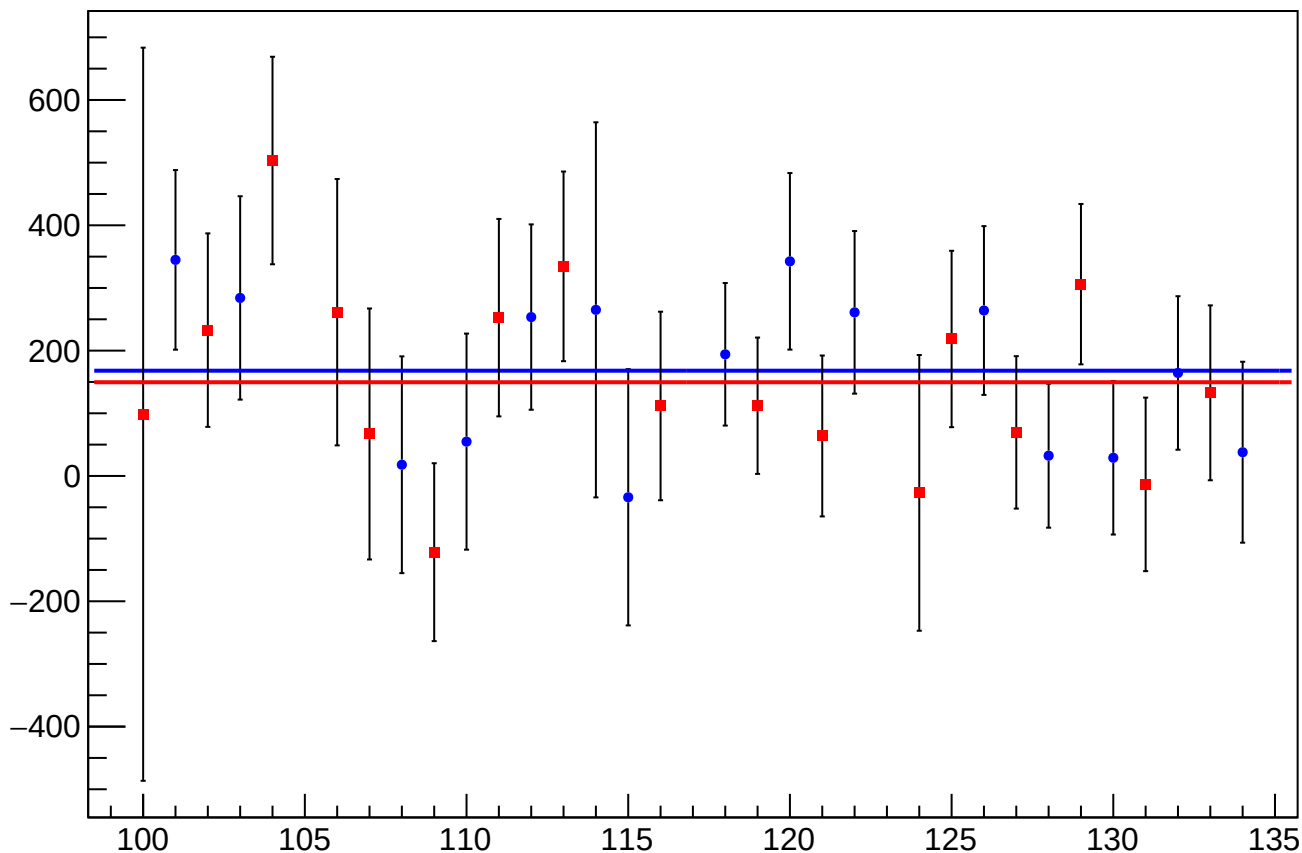
Right: 1596.413 $\pm$ 0.317 χ^2/NDF : 560058.8/31

In: 1564.746 $\pm$ 0.448 χ^2/NDF : 342417.1/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1596.413 $\pm$ 0.317 χ^2/NDF : 560058.8/31

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 167.967 $\pm$ 36.918 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.554 $\pm$ 36.403 χ^2 /NDF: 15.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

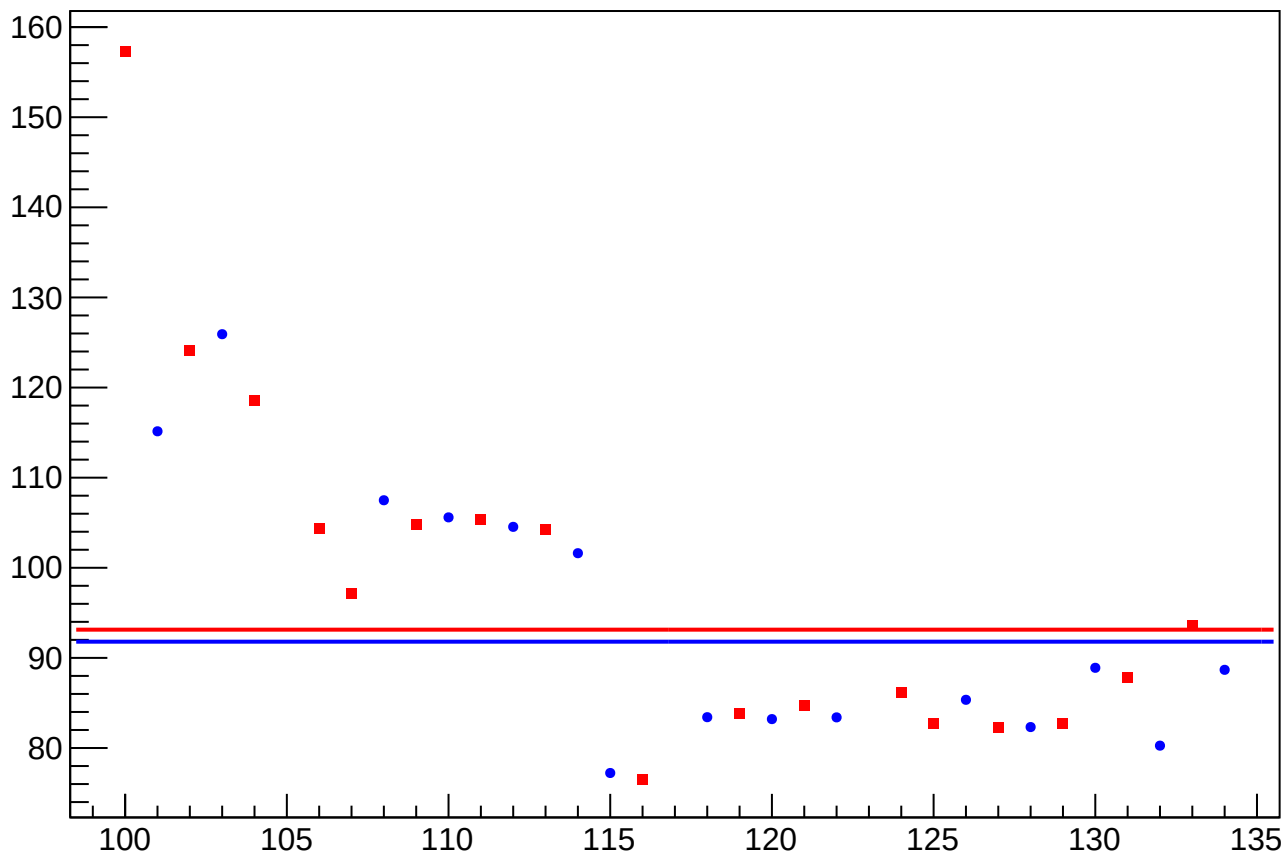
Right: 158.631 $\pm$ 25.921 χ^2 /NDF: 26.6/31

In: 167.967 $\pm$ 36.918 χ^2 /NDF:10.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 158.631 $\pm$ 25.921 χ^2 /NDF: 26.6/31

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 91.799+/-0.026 χ^2/NDF : 262579.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.133+/-0.026 χ^2/NDF : 287169.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

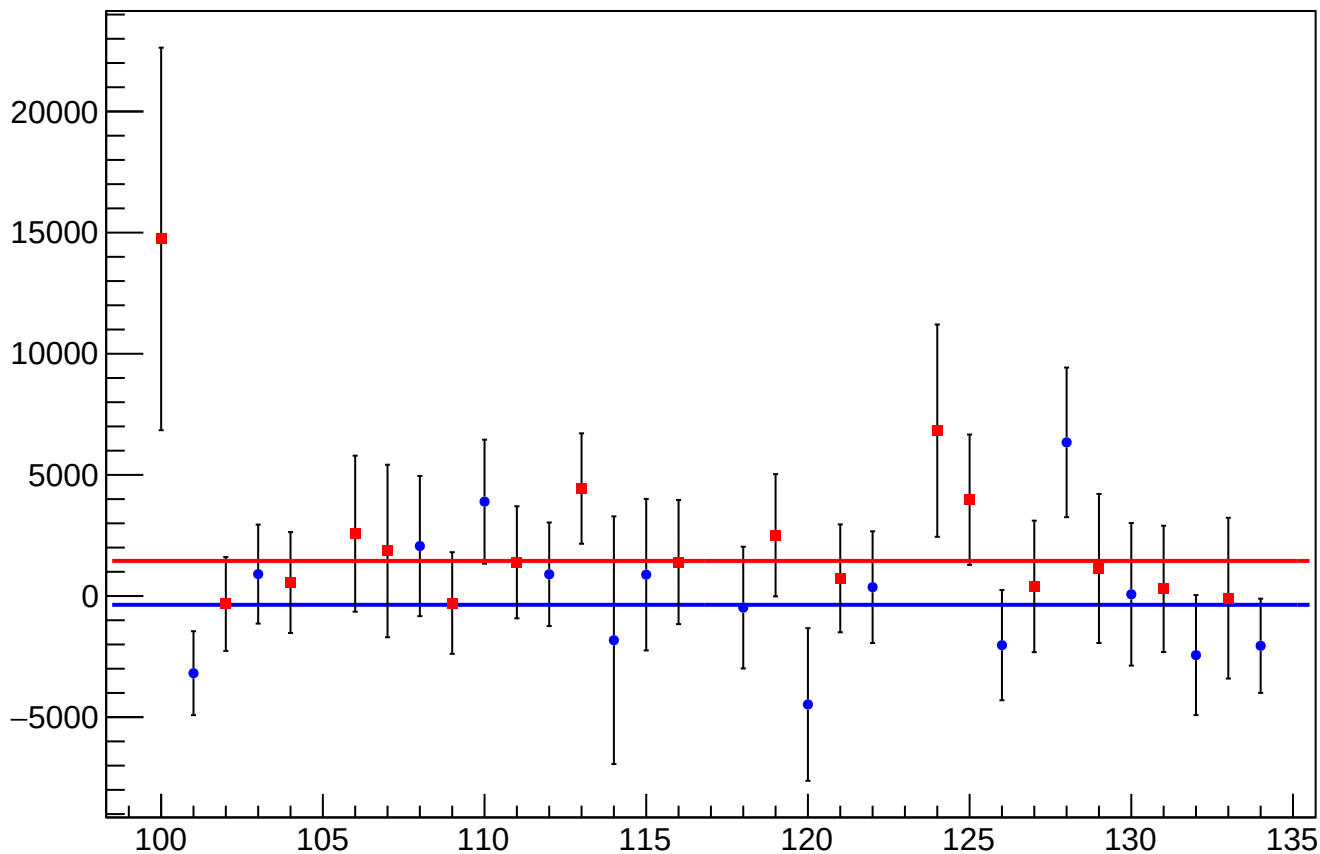
Right: 92.475+/-0.018 χ^2/NDF : 551072.9/31

In: 91.799+/-0.026 χ^2/NDF : 262579.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.475+/-0.018 χ^2/NDF : 551072.9/31

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -362.278+/-633.298 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.251+/-635.501 χ^2/NDF : 9.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

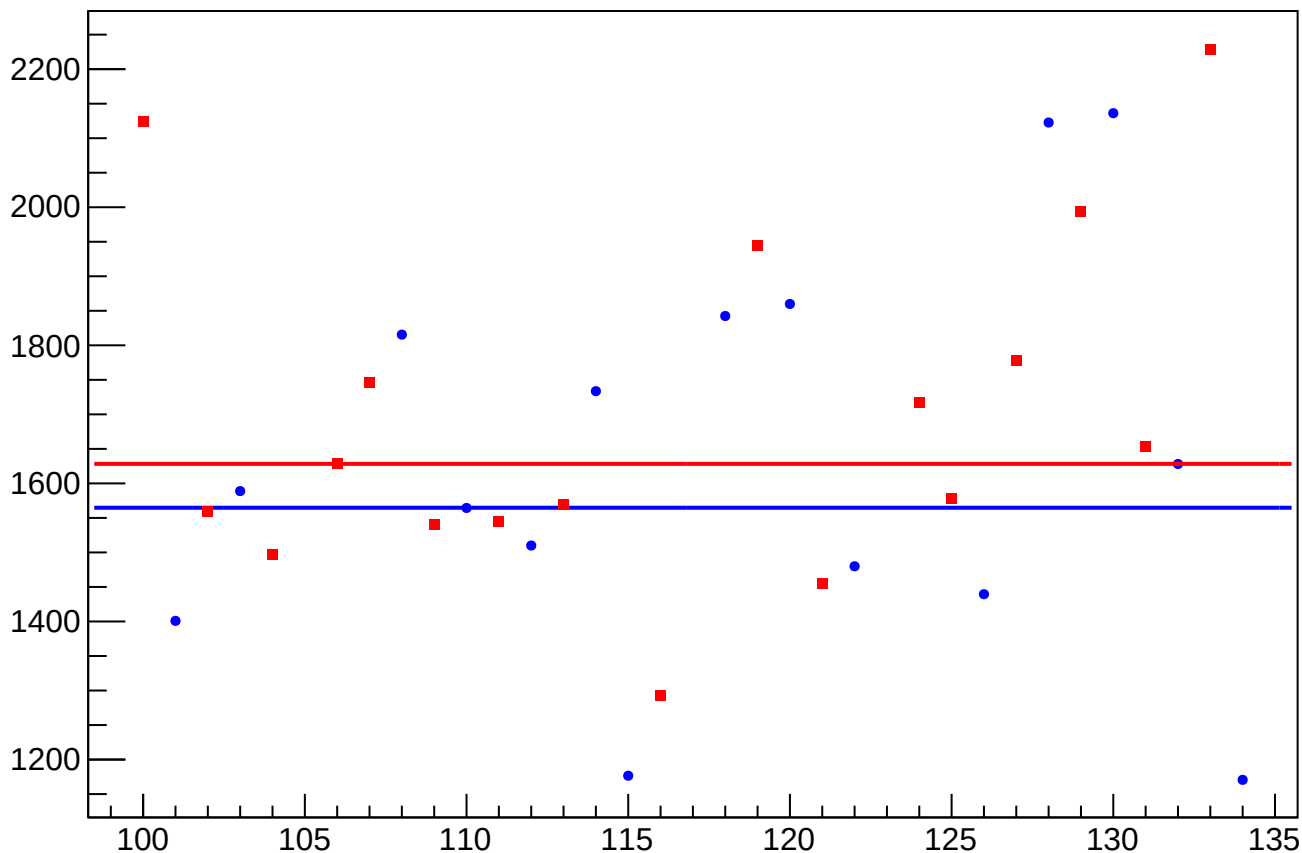
Right: 540.839+/-448.586 χ^2/NDF : 29.4/31

In: -362.278+/-633.298 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.839+/-448.586 χ^2/NDF : 29.4/31

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1564.746+/-0.448 χ^2/NDF : 342417.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.301+/-0.449 χ^2/NDF : 207605.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

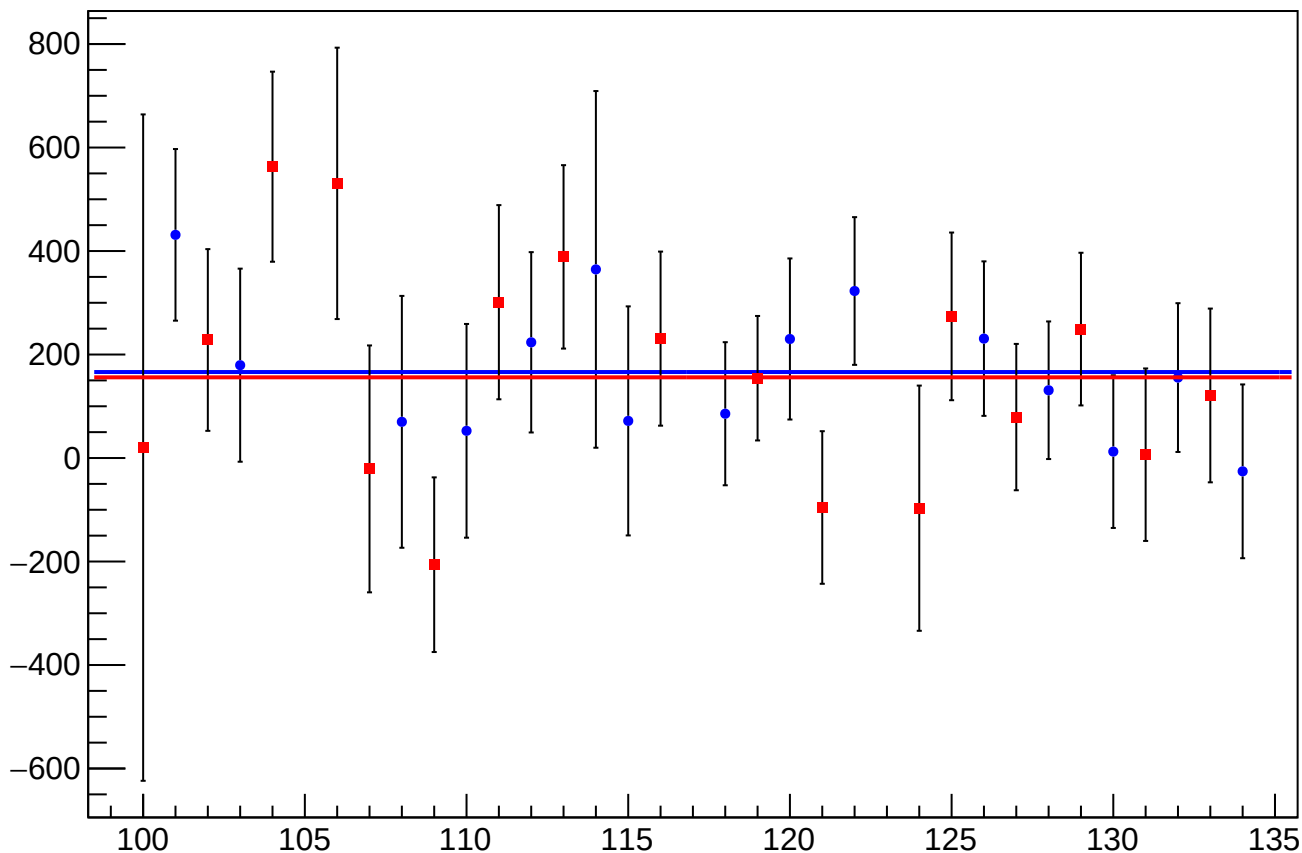
Right: 1596.413+/-0.317 χ^2/NDF : 560058.8/31

In: 1564.746+/-0.448 χ^2/NDF : 342417.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.413+/-0.317 χ^2/NDF : 560058.8/31

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 166.159 $\pm$ 42.989 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.932 $\pm$ 42.042 χ^2 /NDF: 21.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

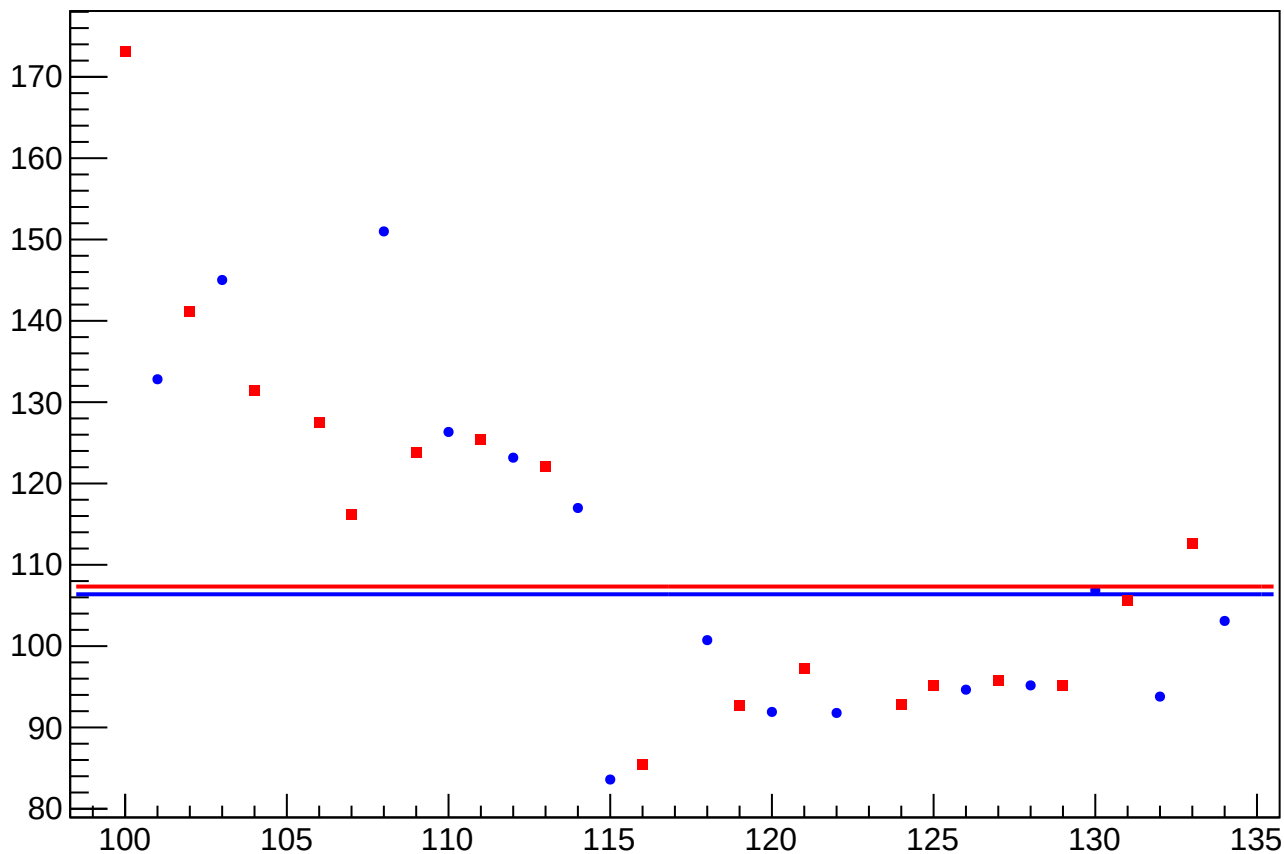
Right: 160.932 $\pm$ 30.057 χ^2 /NDF: 29.0/31

In: 166.159 $\pm$ 42.989 χ^2 /NDF:8.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.932 $\pm$ 30.057 χ^2 /NDF: 29.0/31

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 106.375+/-0.030 χ^2/NDF : 348426.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 107.327+/-0.030 χ^2/NDF : 316374.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

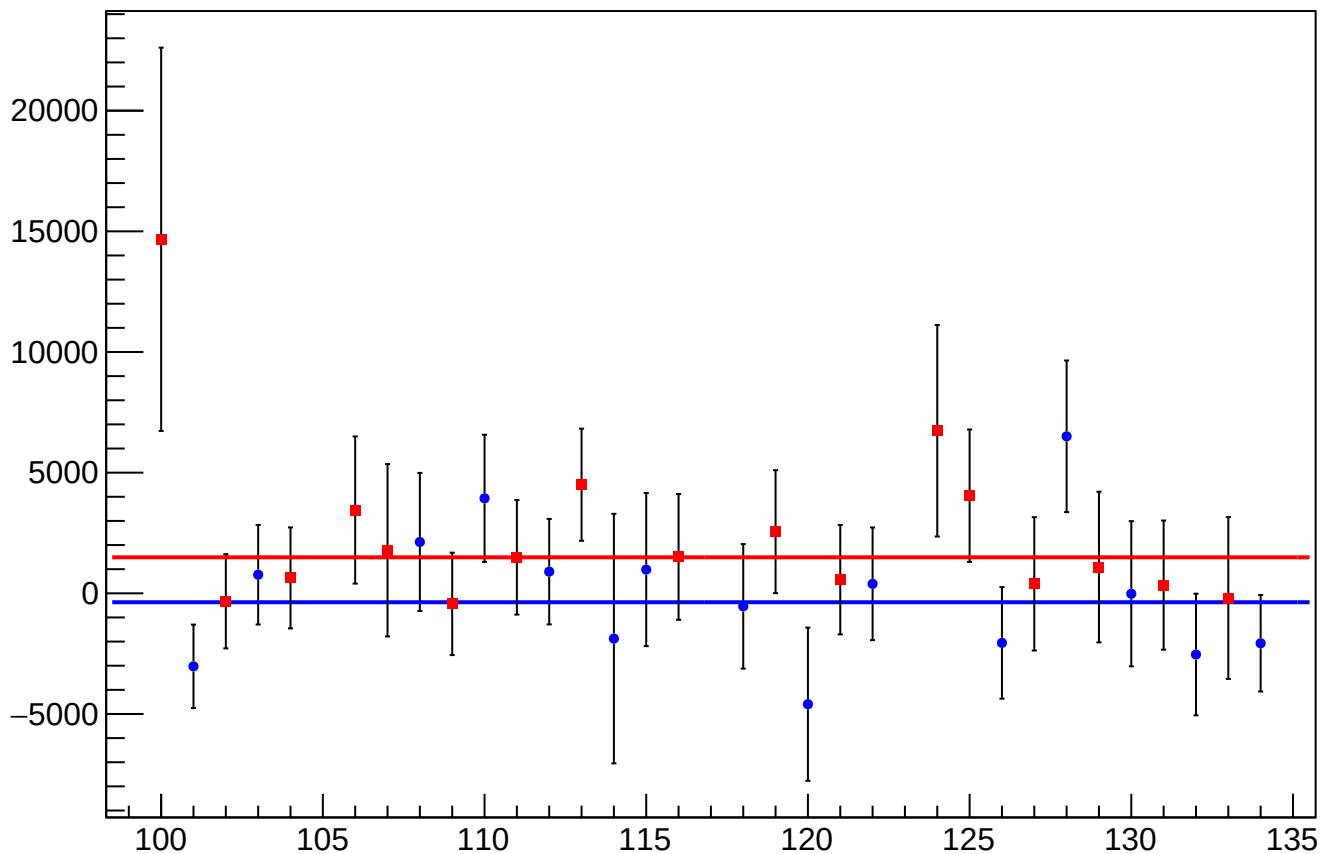
Right: 106.862+/-0.021 χ^2/NDF : 665302.8/31

In: 106.375+/-0.030 χ^2/NDF :348426.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 106.862+/-0.021 χ^2/NDF : 665302.8/31

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -369.907 ± 642.742 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1491.775 ± 642.742 χ^2/NDF : 10.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

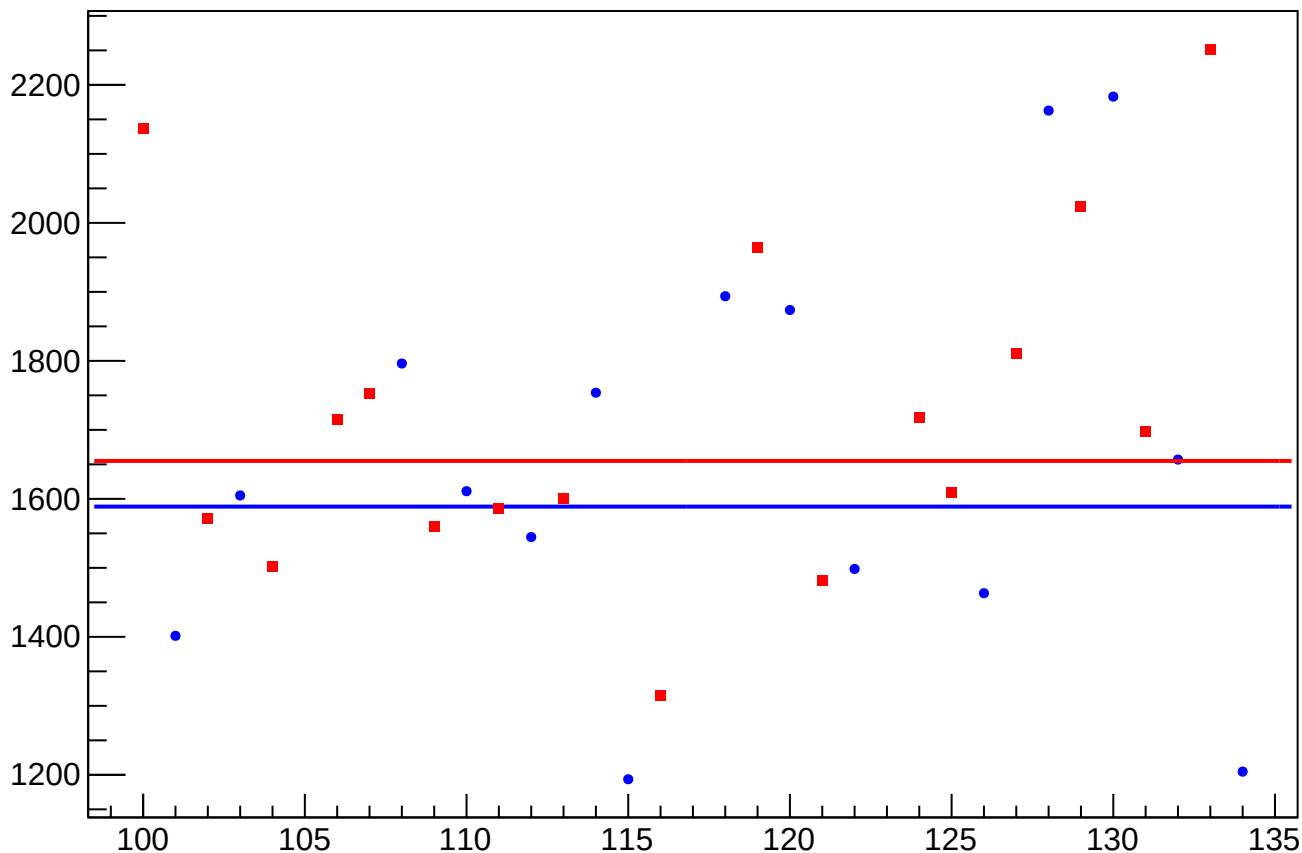
Right: 560.934 ± 454.487 χ^2/NDF : 29.5/31

In: -369.907 ± 642.742 χ^2/NDF : 15.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 560.934 ± 454.487 χ^2/NDF : 29.5/31

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1588.787 $\pm$ 0.454 χ^2 /NDF: 341157.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1654.973 $\pm$ 0.454 χ^2 /NDF: 204777.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

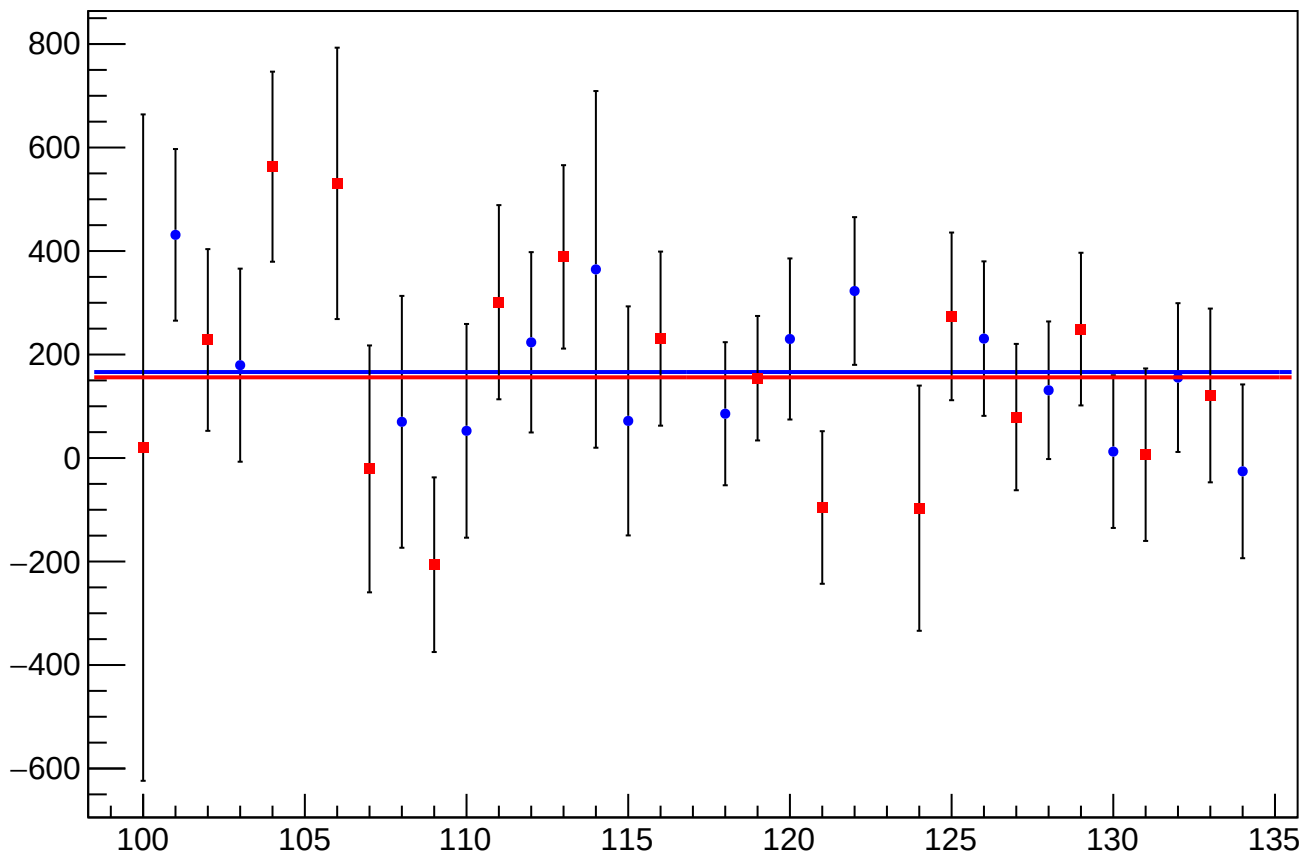
Right: 1621.880 $\pm$ 0.321 χ^2 /NDF: 556538.6/31

In: 1588.787 $\pm$ 0.454 χ^2 /NDF:341157.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1621.880 $\pm$ 0.321 χ^2 /NDF: 556538.6/31

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 166.159+/-42.989 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.929+/-42.041 χ^2/NDF : 21.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

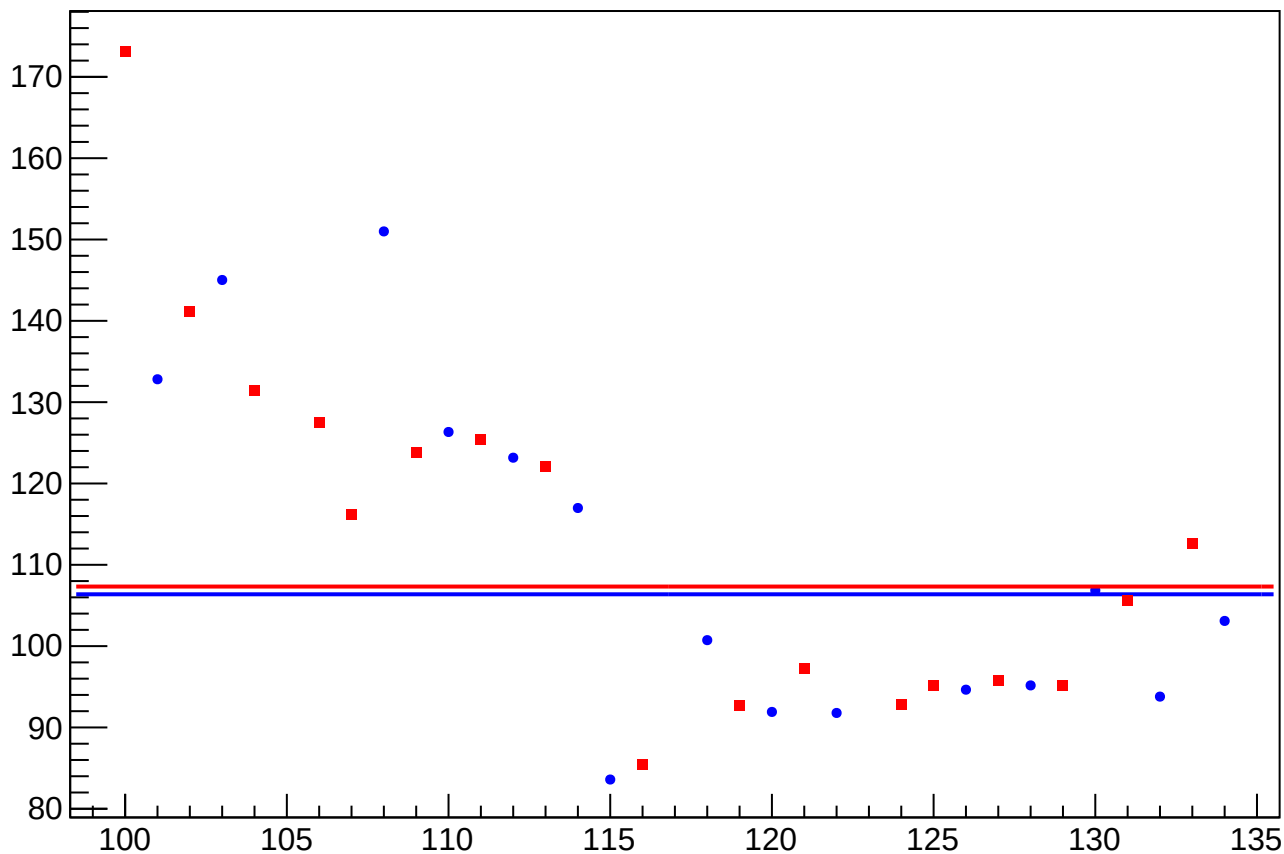
Right: 160.930+/-30.057 χ^2/NDF : 29.0/31

In: 166.159+/-42.989 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.930+/-30.057 χ^2/NDF : 29.0/31

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 106.374+/-0.030 χ^2/NDF : 348433.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 107.326+/-0.030 χ^2/NDF : 316376.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

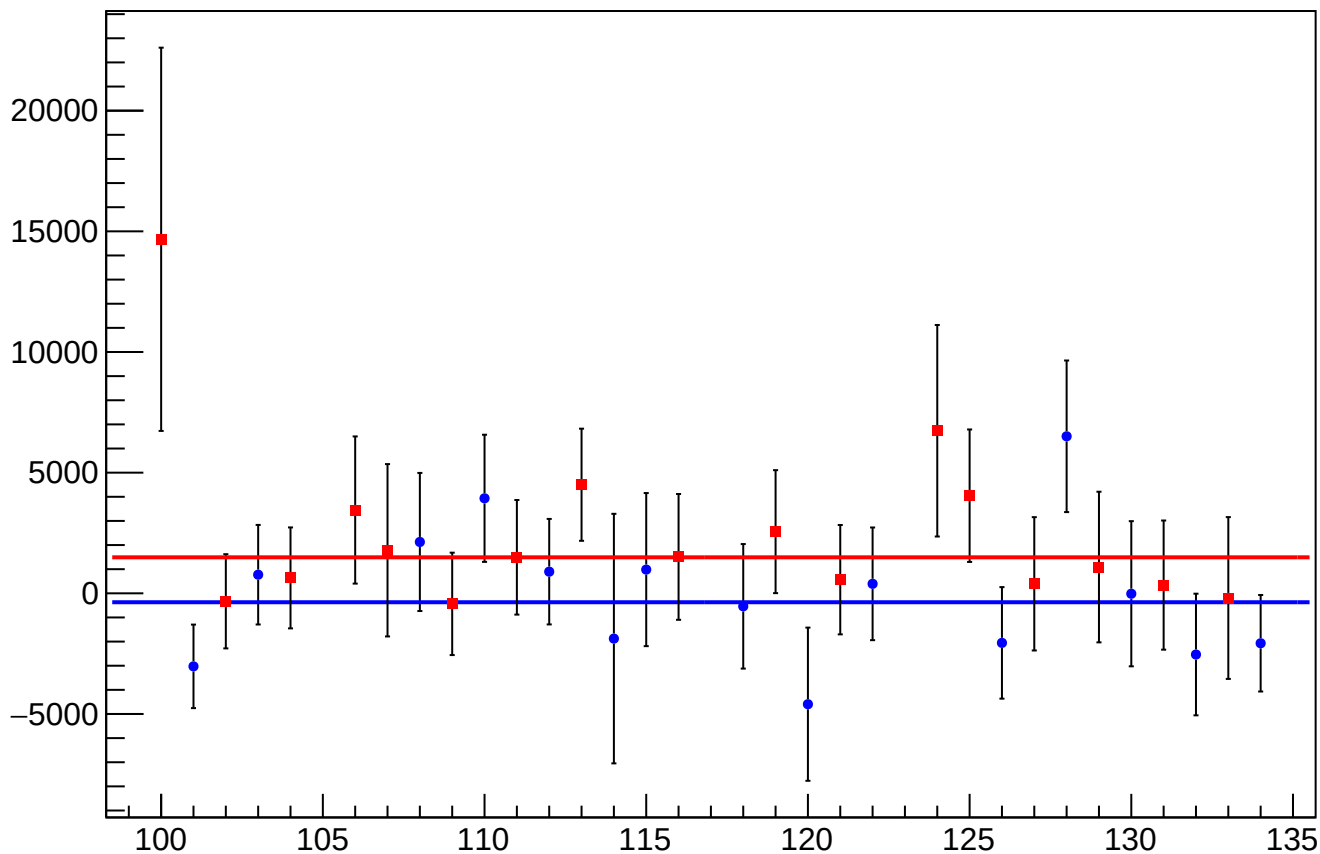
Right: 106.861+/-0.021 χ^2/NDF : 665311.3/31

In: 106.374+/-0.030 χ^2/NDF :348433.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 106.861+/-0.021 χ^2/NDF : 665311.3/31

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -369.904 $\pm$ 642.741 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1491.773 $\pm$ 642.741 χ^2 /NDF: 10.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

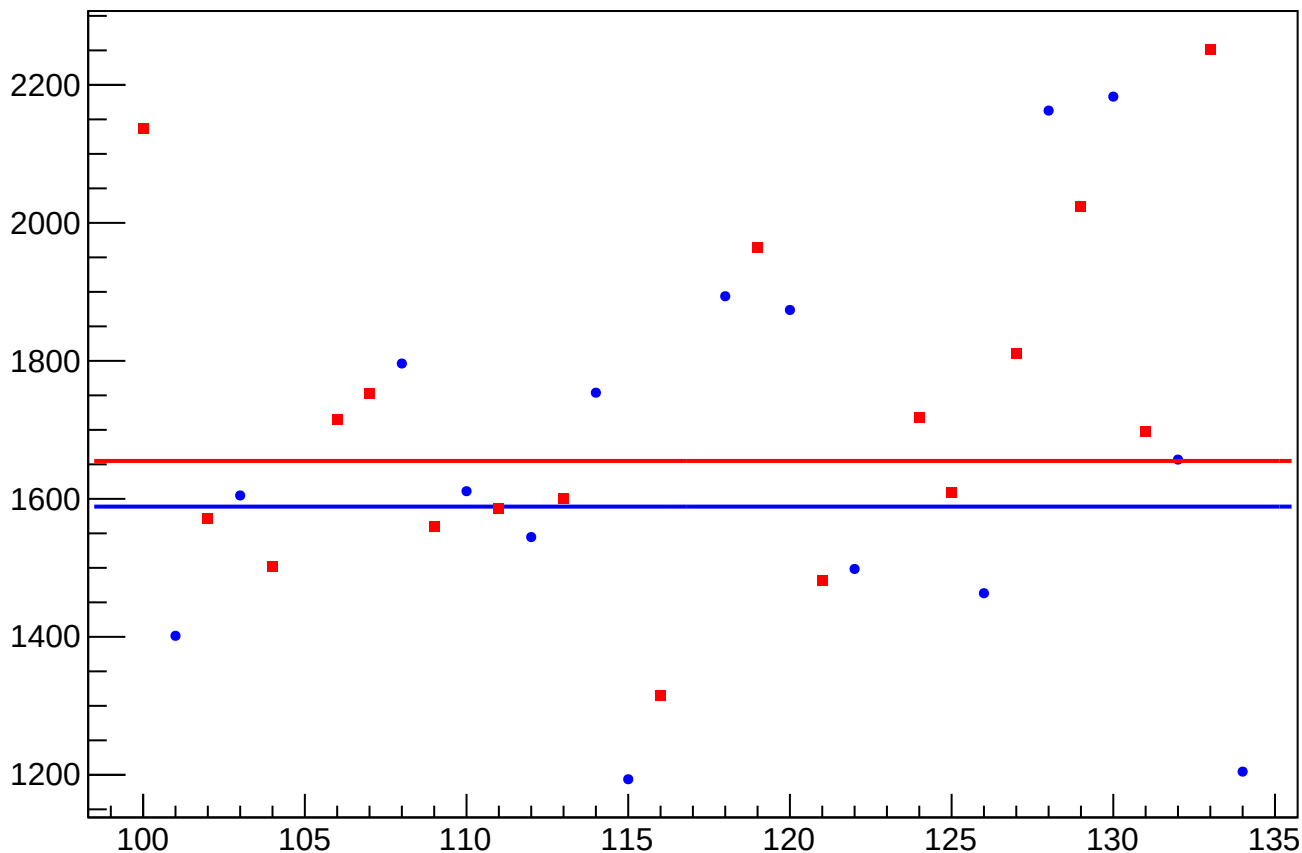
Right: 560.934 $\pm$ 454.487 χ^2 /NDF: 29.5/31

In: -369.904 $\pm$ 642.741 χ^2 /NDF:15.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 560.934 $\pm$ 454.487 χ^2 /NDF: 29.5/31

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1588.784+/-0.454 χ^2/NDF : 341154.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.970+/-0.454 χ^2/NDF : 204777.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

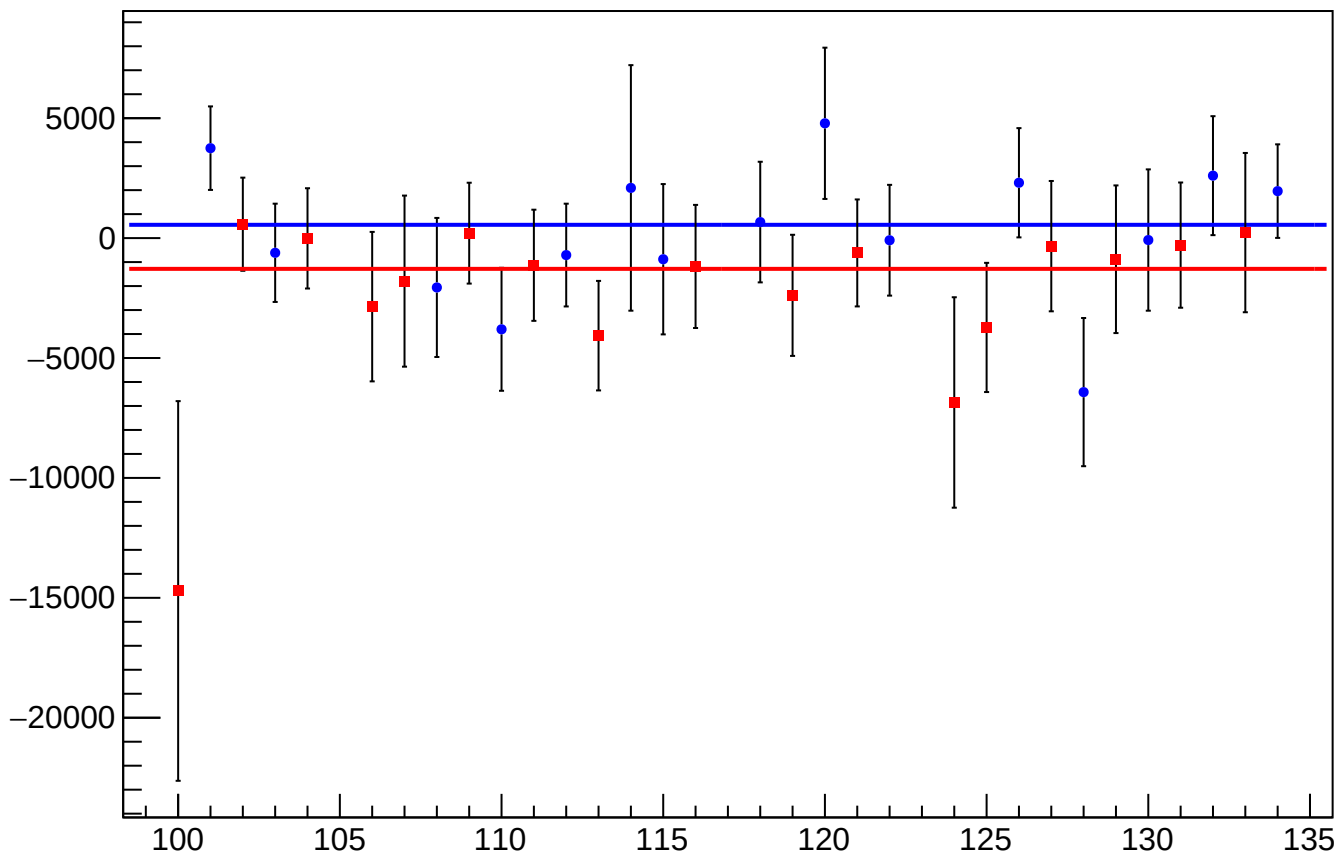
Right: 1621.877+/-0.321 χ^2/NDF : 556535.7/31

In: 1588.784+/-0.454 χ^2/NDF : 341154.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.877+/-0.321 χ^2/NDF : 556535.7/31

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 554.112 $\pm$ 634.882 χ^2 /NDF: 16.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1282.437 $\pm$ 635.874 χ^2 /NDF: 9.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

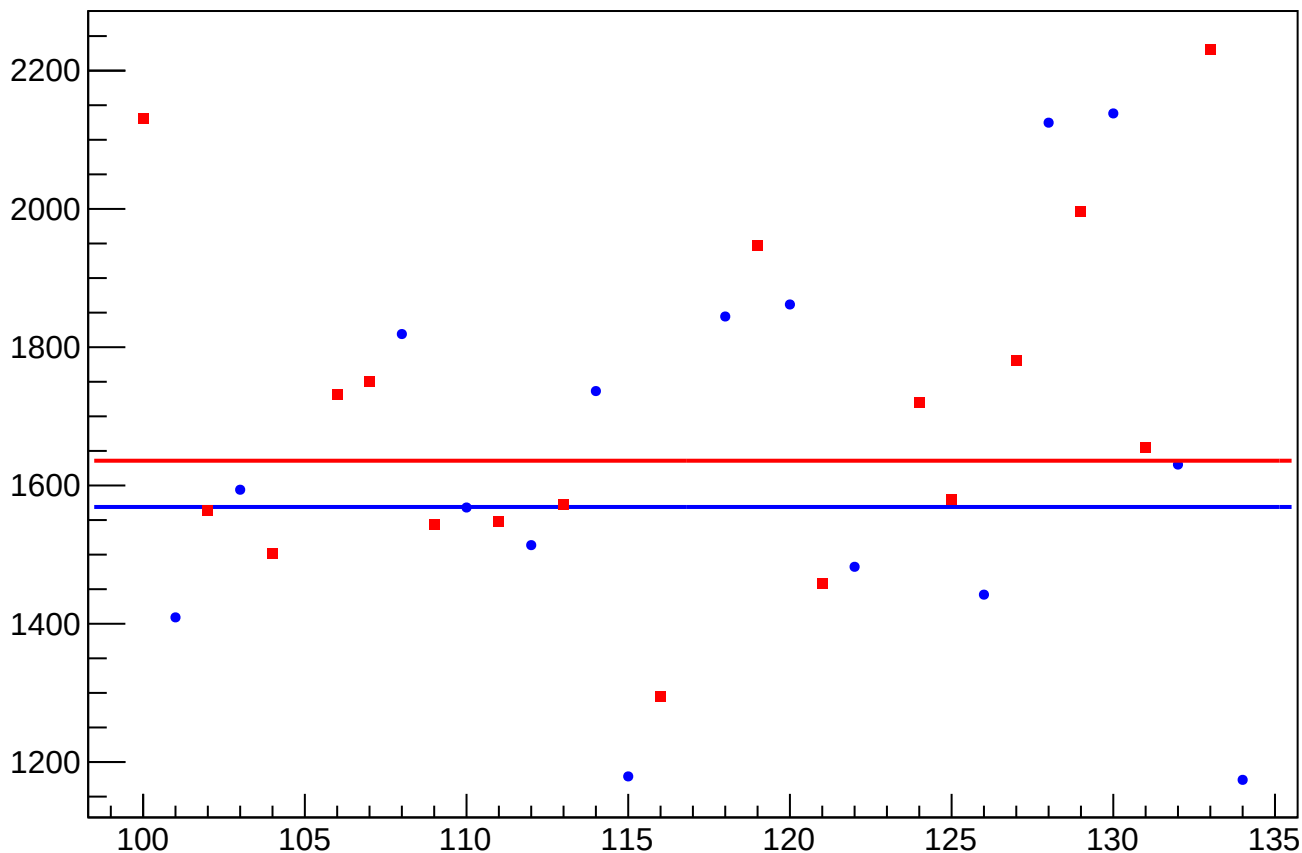
Right: -362.729 $\pm$ 449.280 χ^2 /NDF: 30.7/31

In: 554.112 $\pm$ 634.882 χ^2 /NDF:16.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -362.729 $\pm$ 449.280 χ^2 /NDF: 30.7/31

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1568.924 $\pm$ 0.449 χ^2 /NDF: 339103.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1635.821 $\pm$ 0.450 χ^2 /NDF: 208166.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

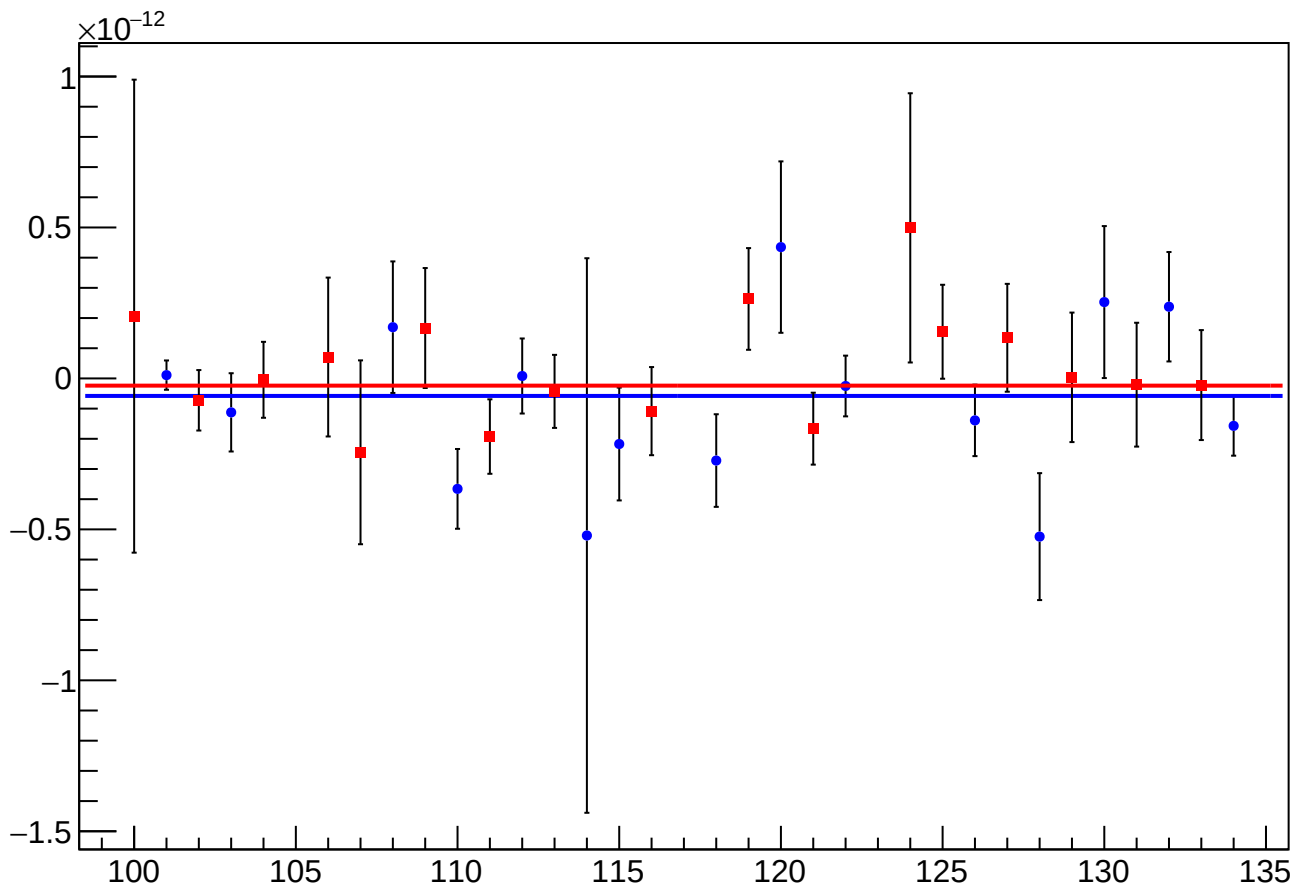
Right: 1602.320 $\pm$ 0.318 χ^2 /NDF: 558354.7/31

In: 1568.924 $\pm$ 0.449 χ^2 /NDF:339103.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1602.320 $\pm$ 0.318 χ^2 /NDF: 558354.7/31

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

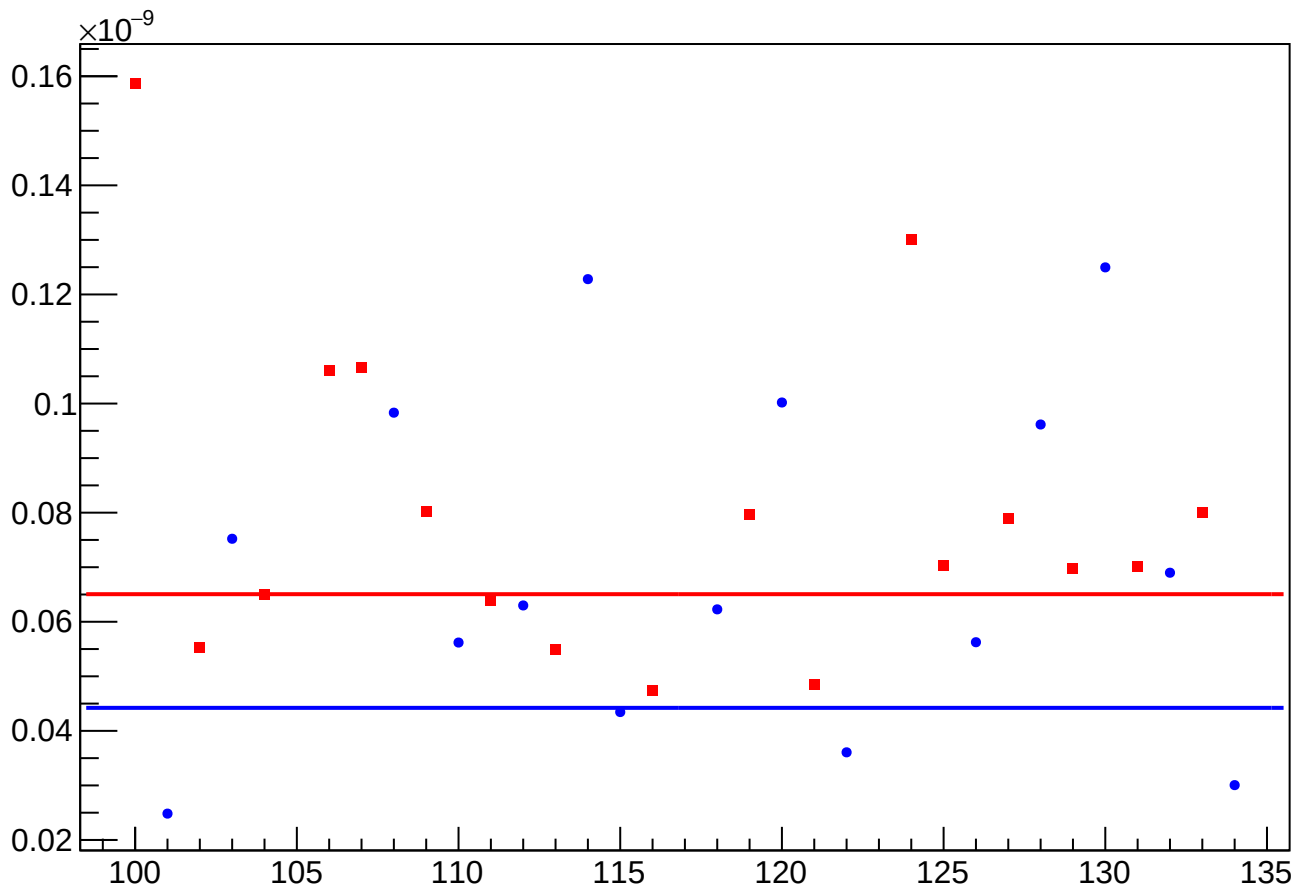
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 38.1/31

In: -0.000 $\pm$ 0.000 χ^2 /NDF:25.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 38.1/31

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1178853.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 314406.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

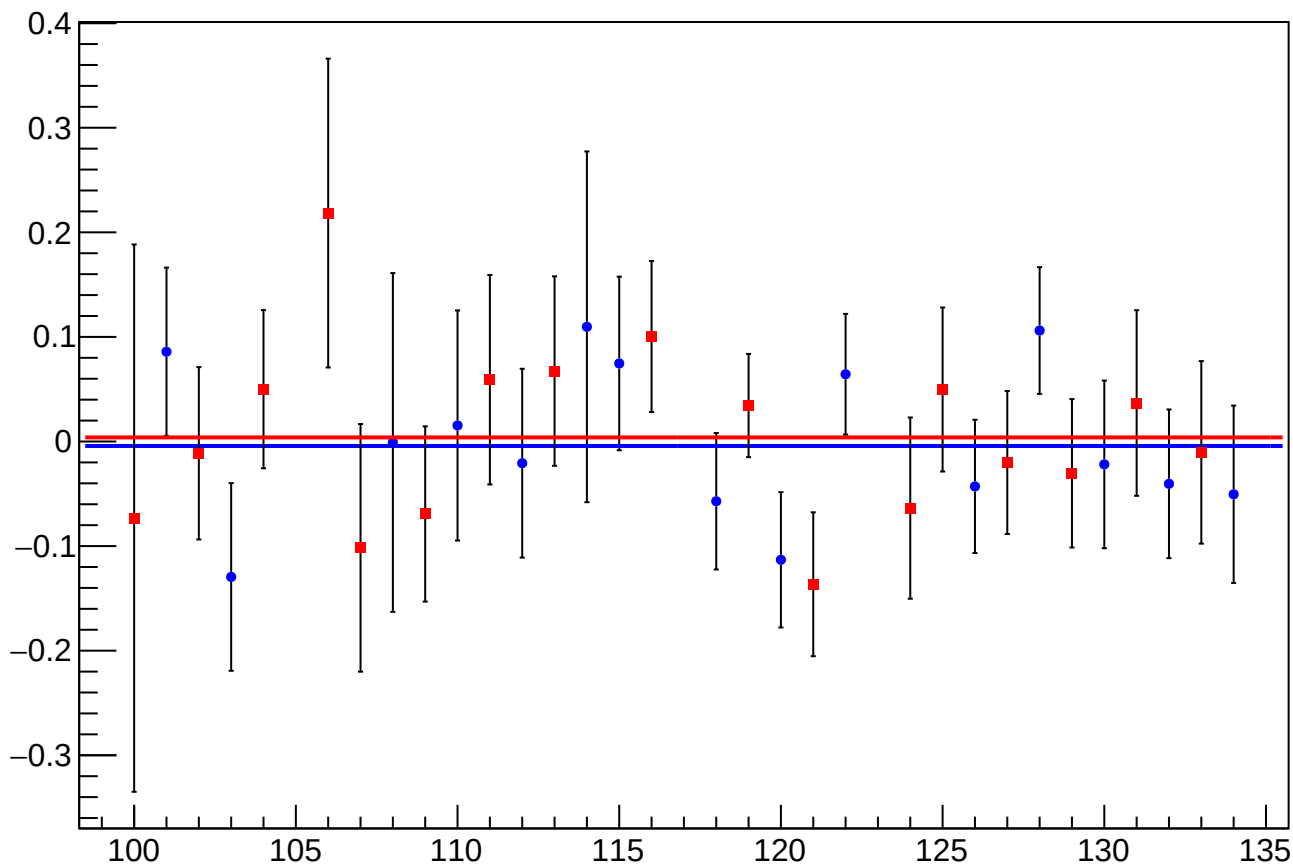
Right: 0.000+/-0.000 χ^2/NDF : 1843991.7/31

In: 0.000+/-0.000 χ^2/NDF : 1178853.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1843991.7/31

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.020 χ^2/NDF : 12.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

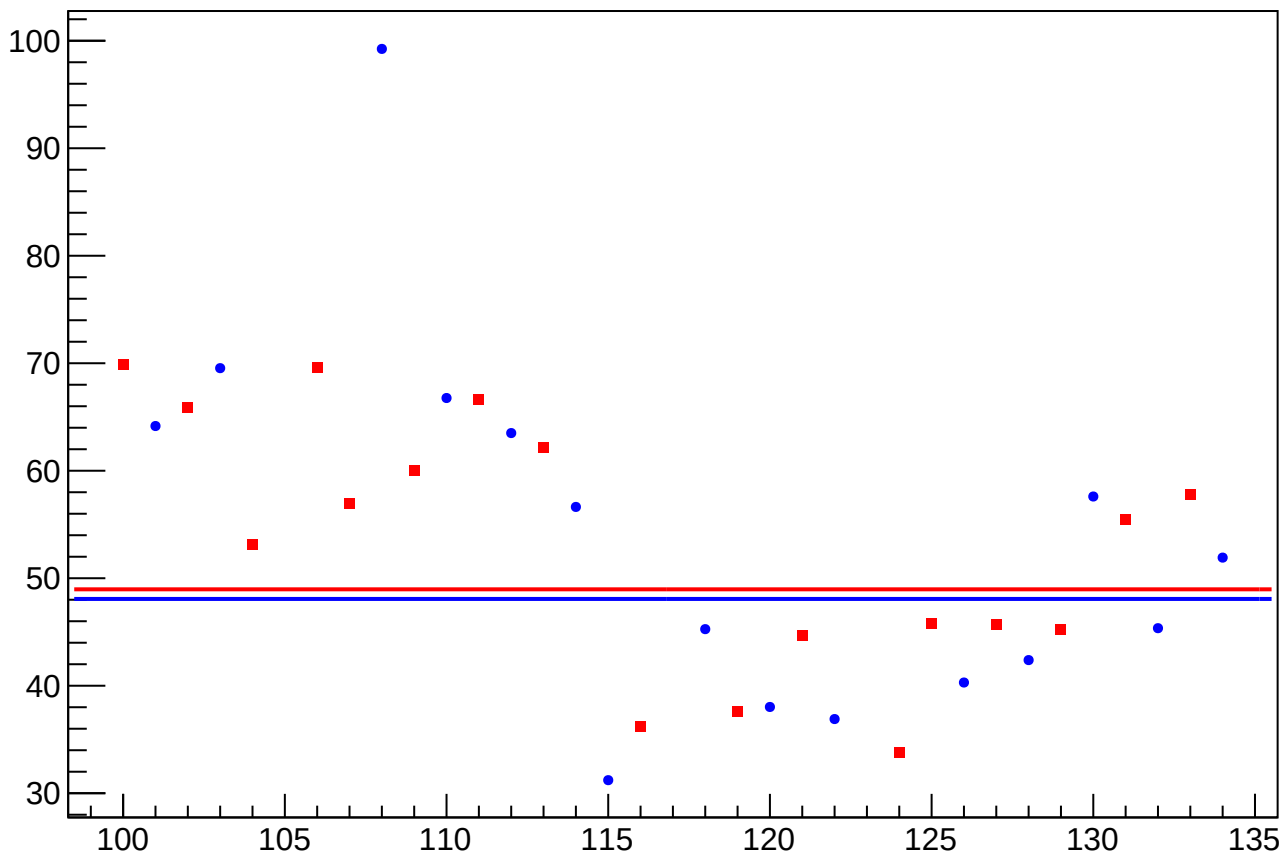
Right: -0.000 ± 0.014 χ^2/NDF : 26.7/31

In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.014 χ^2/NDF : 26.7/31

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.073+/-0.014 χ^2/NDF : 807715.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.969+/-0.014 χ^2/NDF : 573004.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

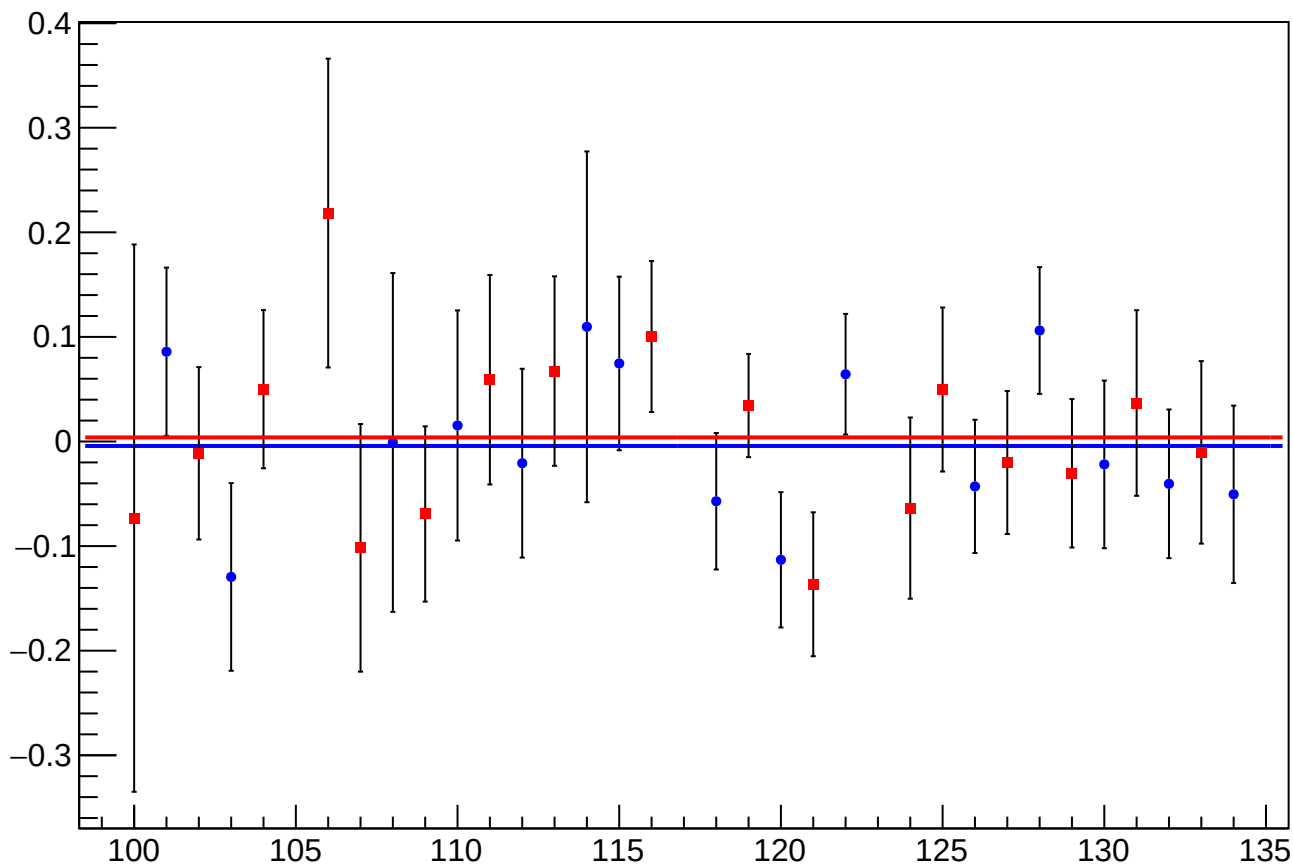
Right: 48.531+/-0.010 χ^2/NDF : 1382758.7/31

In: 48.073+/-0.014 χ^2/NDF : 807715.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.531+/-0.010 χ^2/NDF : 1382758.7/31

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.020 χ^2/NDF : 12.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

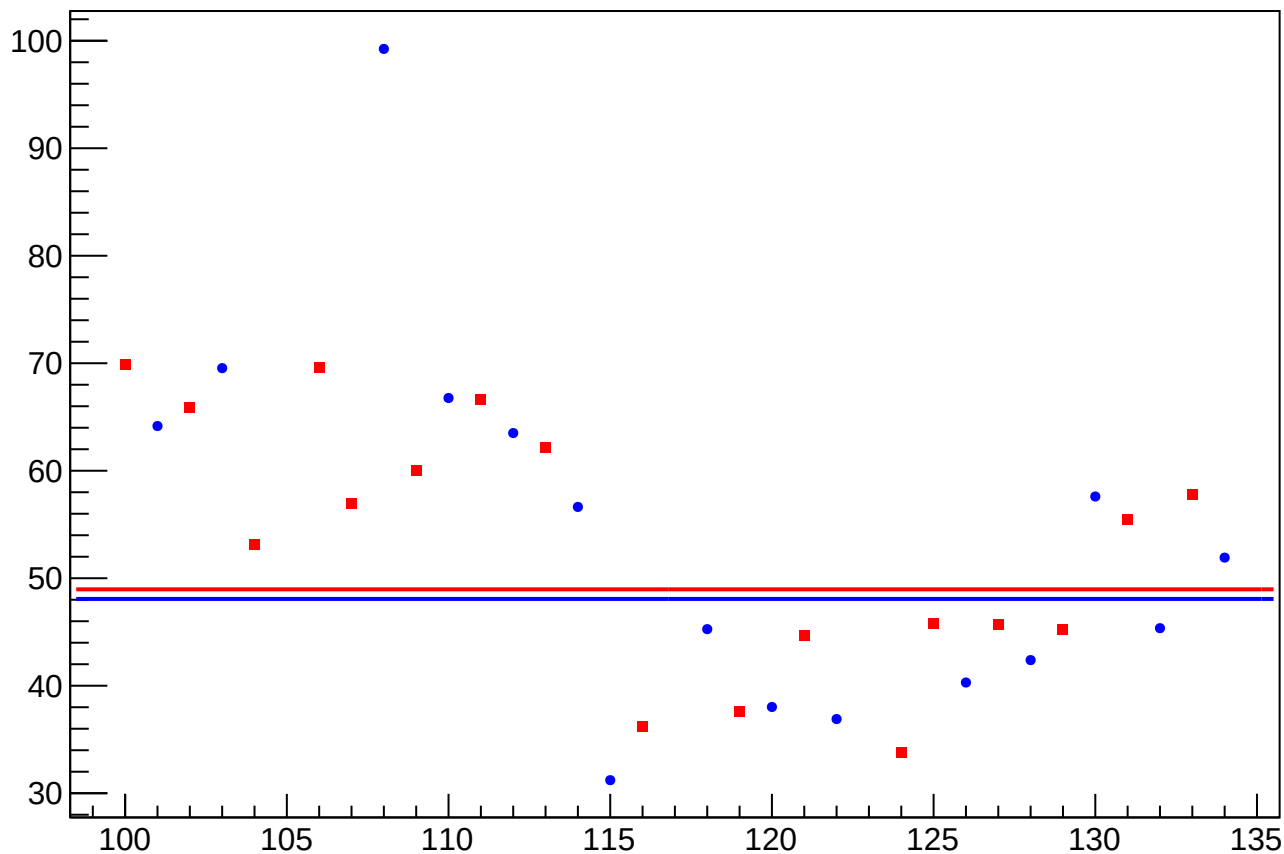
Right: -0.000 ± 0.014 χ^2/NDF : 26.7/31

In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.014 χ^2/NDF : 26.7/31

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.073+/-0.014 χ^2/NDF : 807715.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.969+/-0.014 χ^2/NDF : 573004.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

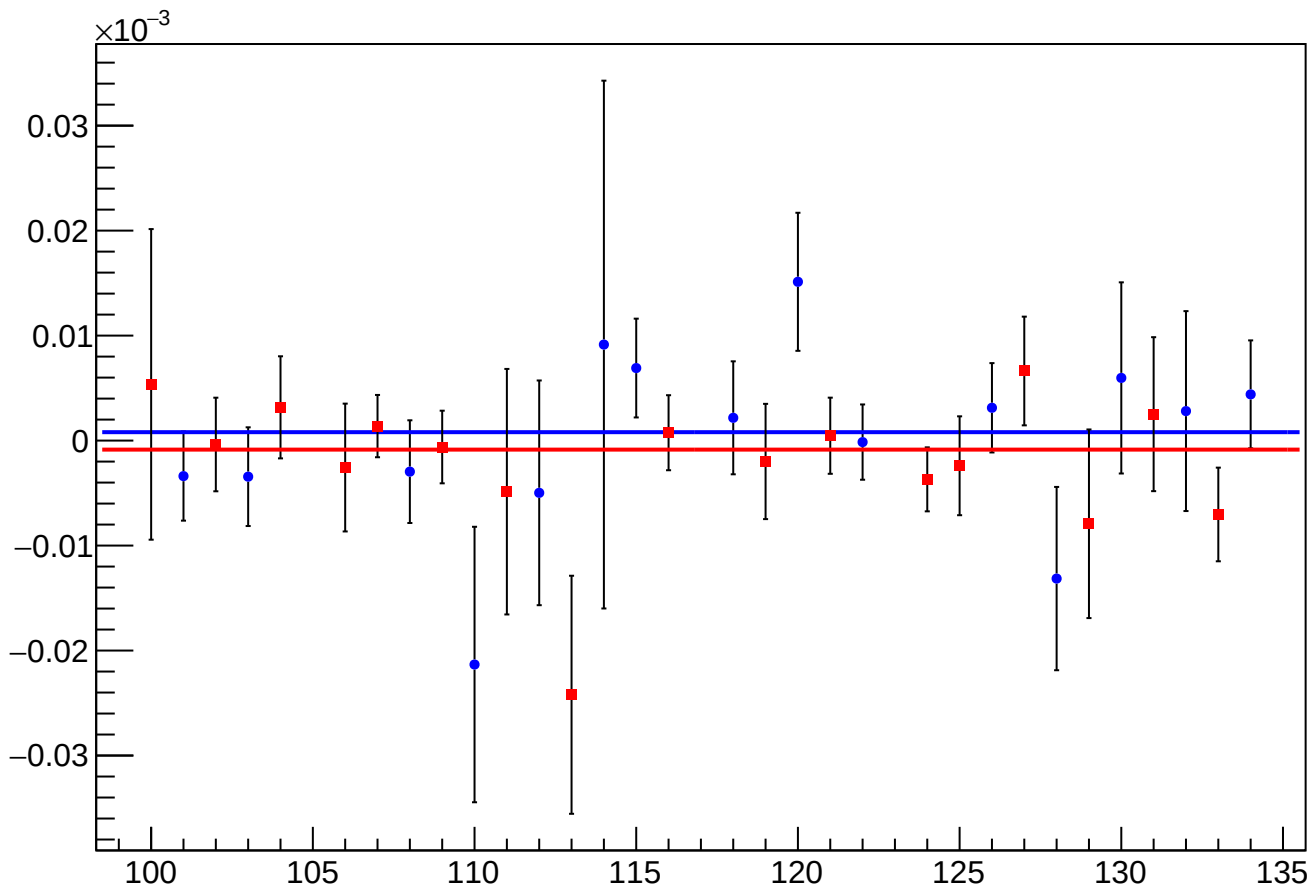
Right: 48.531+/-0.010 χ^2/NDF : 1382758.7/31

In: 48.073+/-0.014 χ^2/NDF : 807715.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.531+/-0.010 χ^2/NDF : 1382758.7/31

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

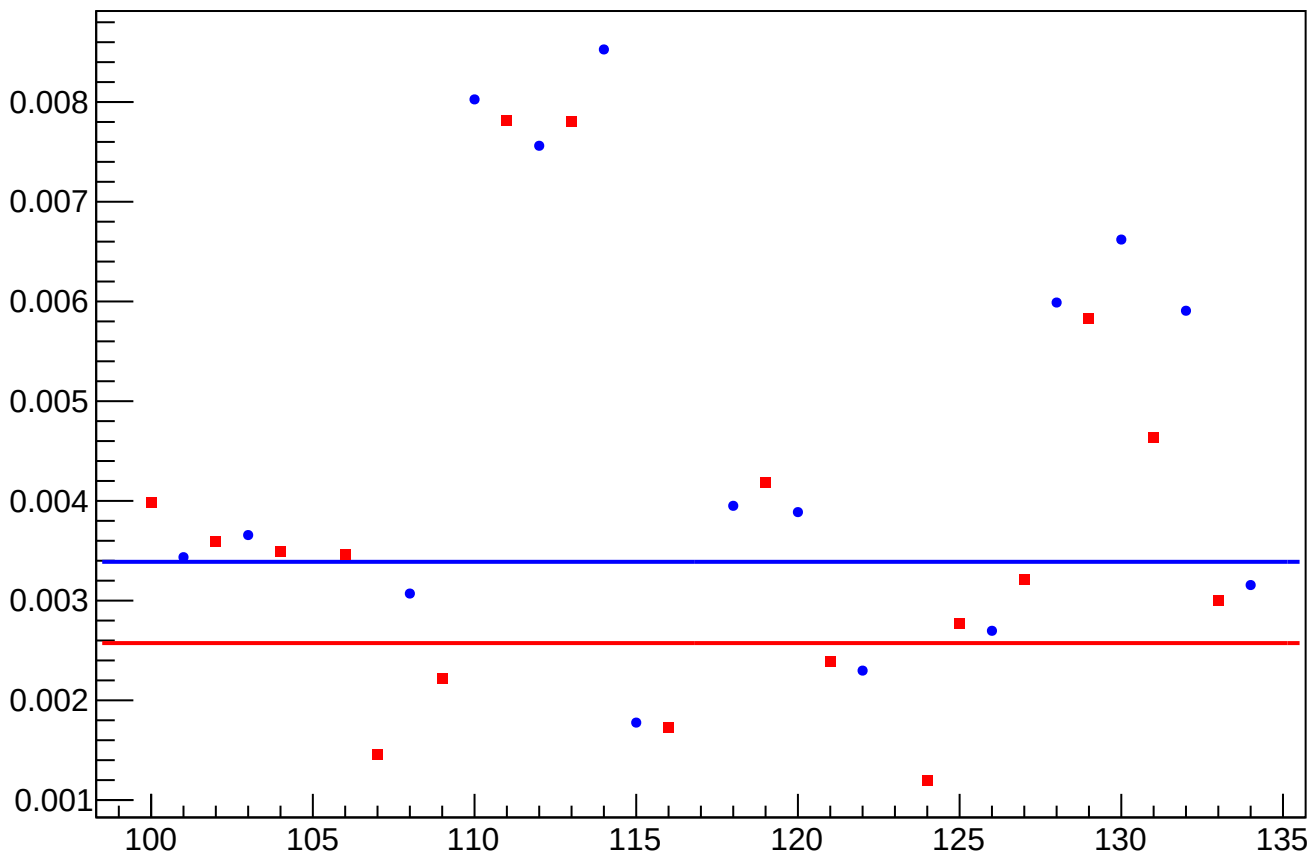
Right: -0.000+/-0.000 χ^2/NDF : 28.8/31

In: 0.000+/-0.000 χ^2/NDF : 15.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.8/31

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 1732281.1/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2539788.0/16

Left 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 : 4663808.4/31

In: 0.003+/-0.000

χ^2/NDF : 1732281.1/14

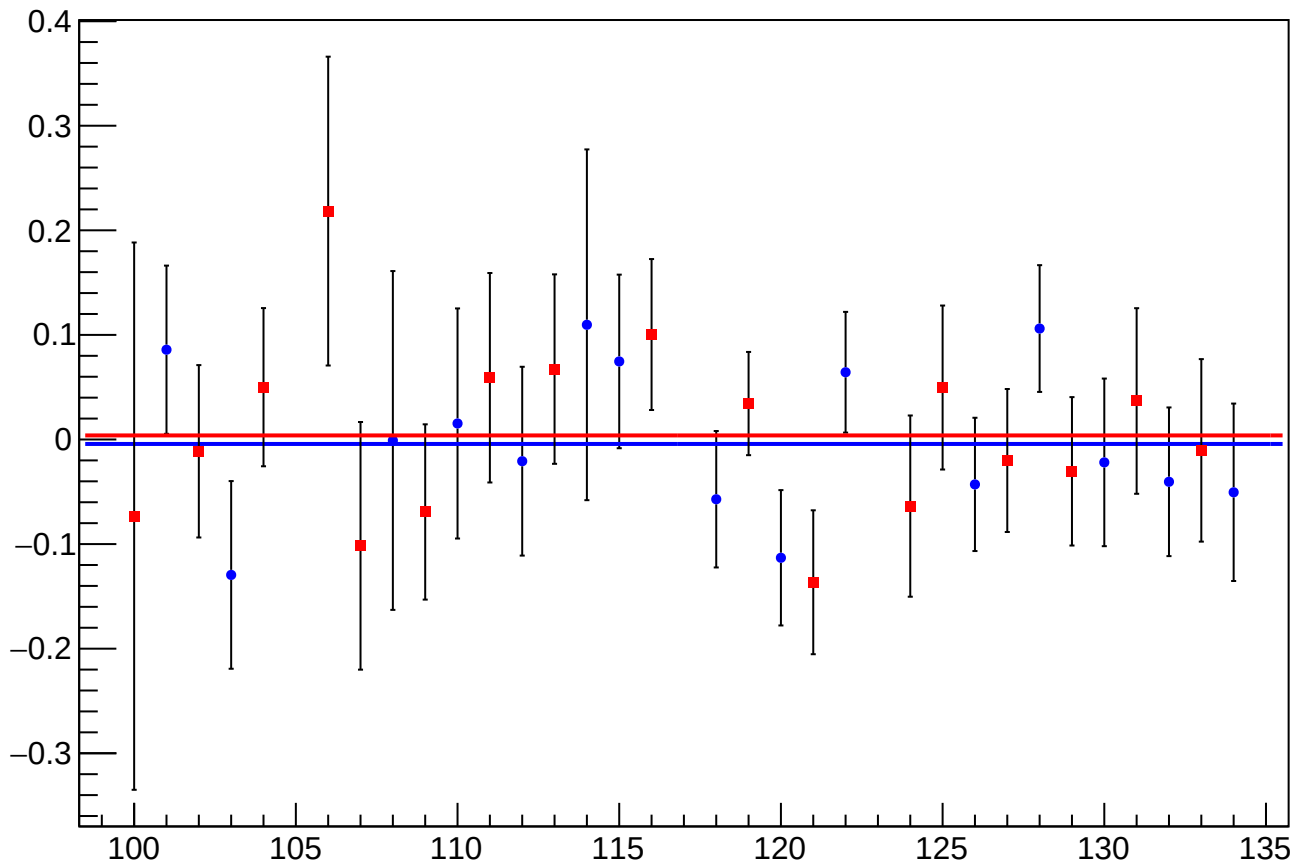
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 4663808.4/31

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.020 χ^2/NDF : 12.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

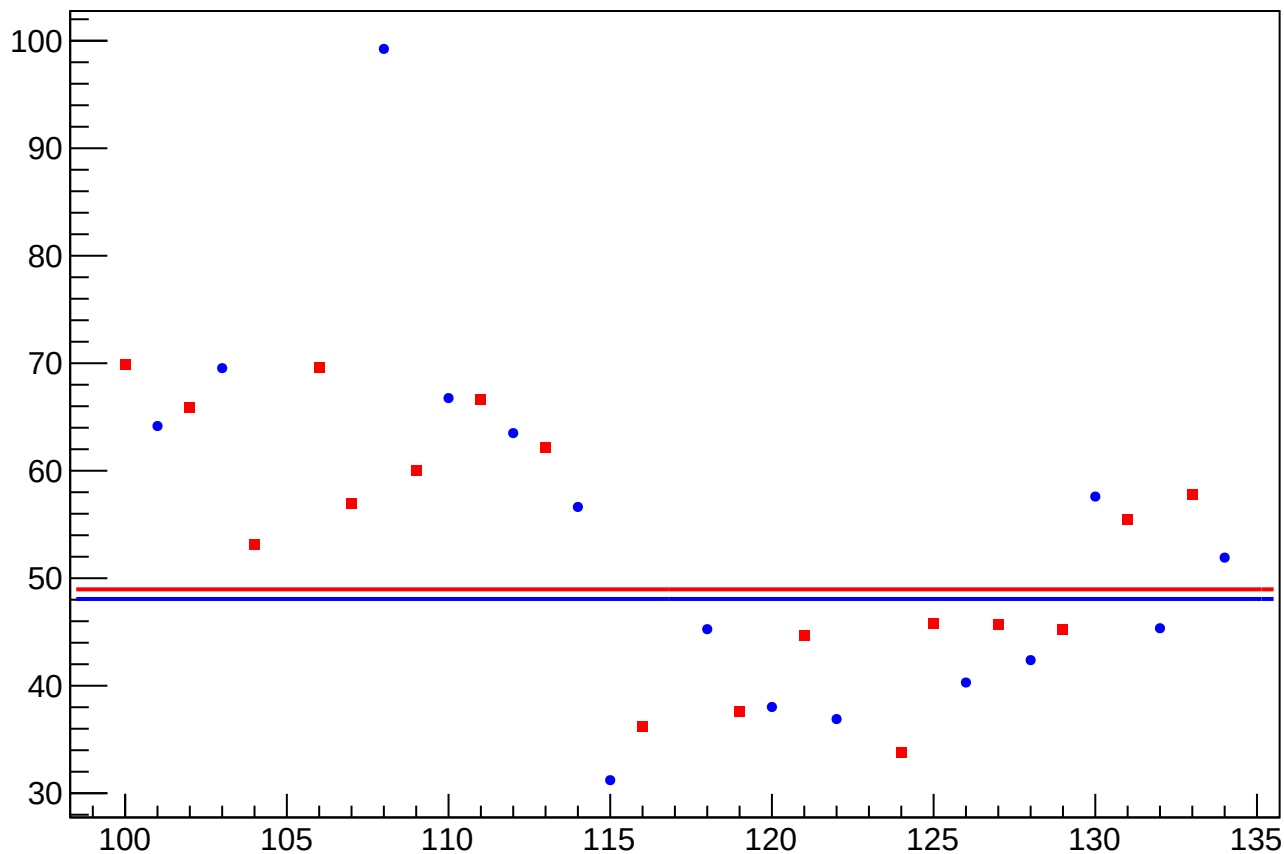
Right: -0.000 ± 0.014 χ^2/NDF : 26.7/31

In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.014 χ^2/NDF : 26.7/31

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.071+/-0.014 χ^2/NDF : 807709.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.967+/-0.014 χ^2/NDF : 573009.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

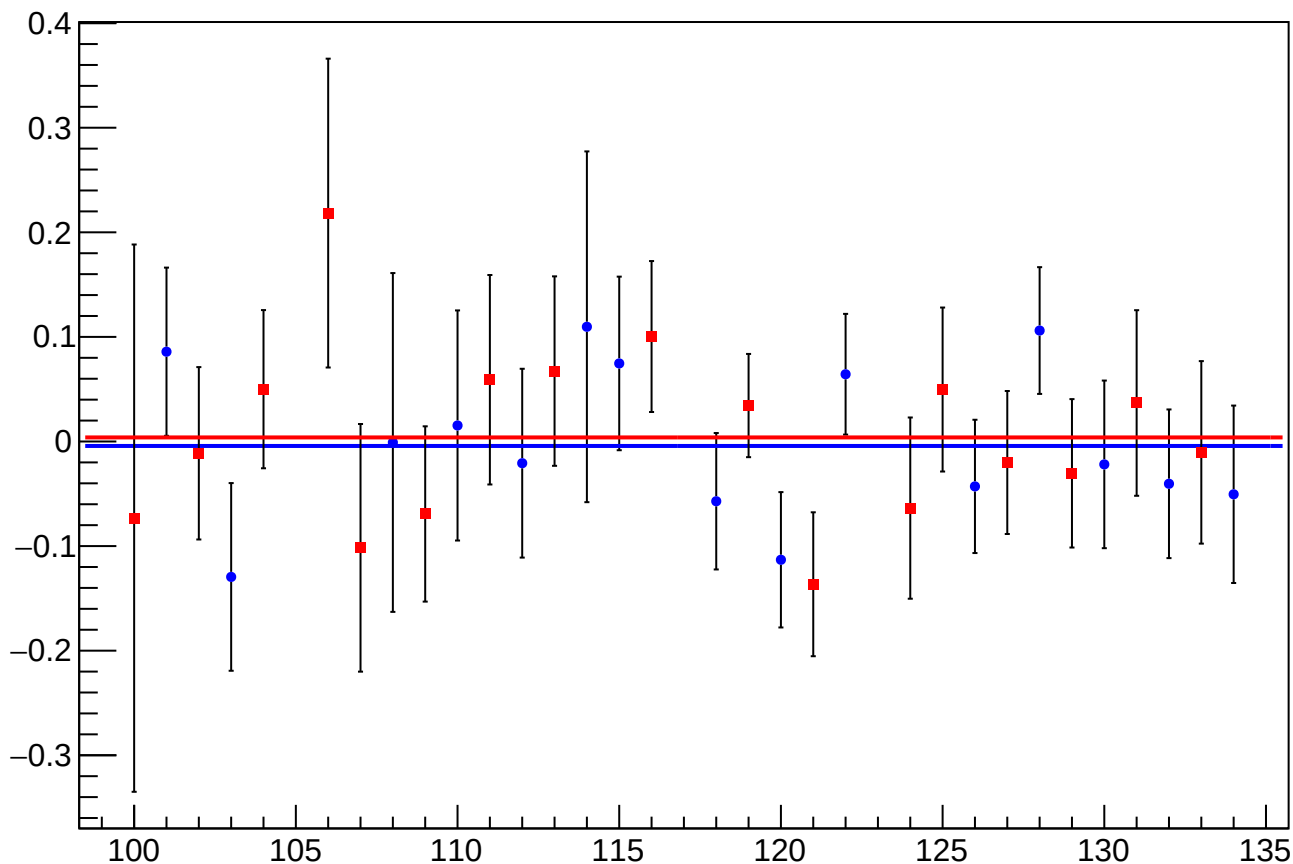
Right: 48.529+/-0.010 χ^2/NDF : 1382760.1/31

In: 48.071+/-0.014 χ^2/NDF : 807709.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.529+/-0.010 χ^2/NDF : 1382760.1/31

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.020 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 12.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

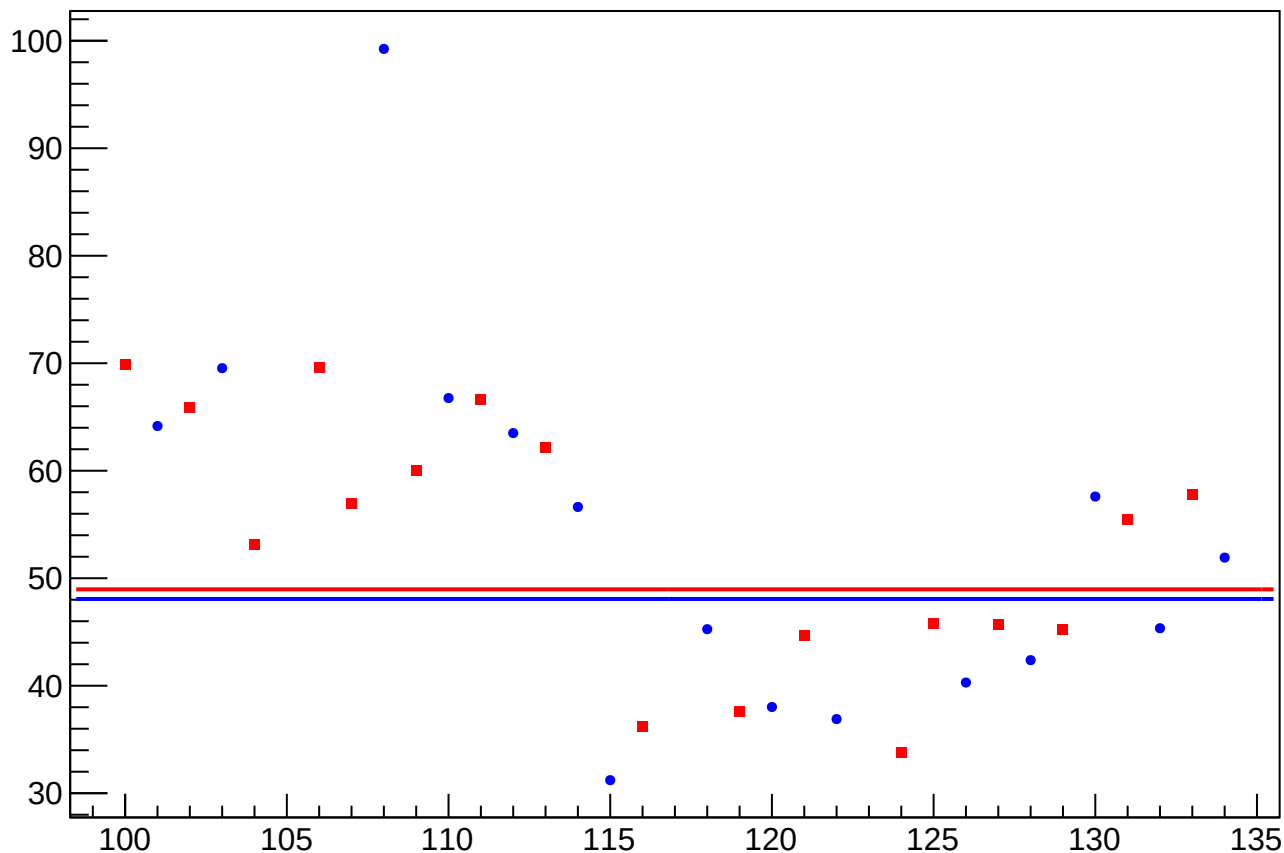
Right: -0.000 $\pm$ 0.014 χ^2 /NDF: 26.7/31

In: -0.004 $\pm$ 0.020 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.014 χ^2 /NDF: 26.7/31

asym_sam_24_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.071+/-0.014 χ^2/NDF : 807709.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.967+/-0.014 χ^2/NDF : 573009.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

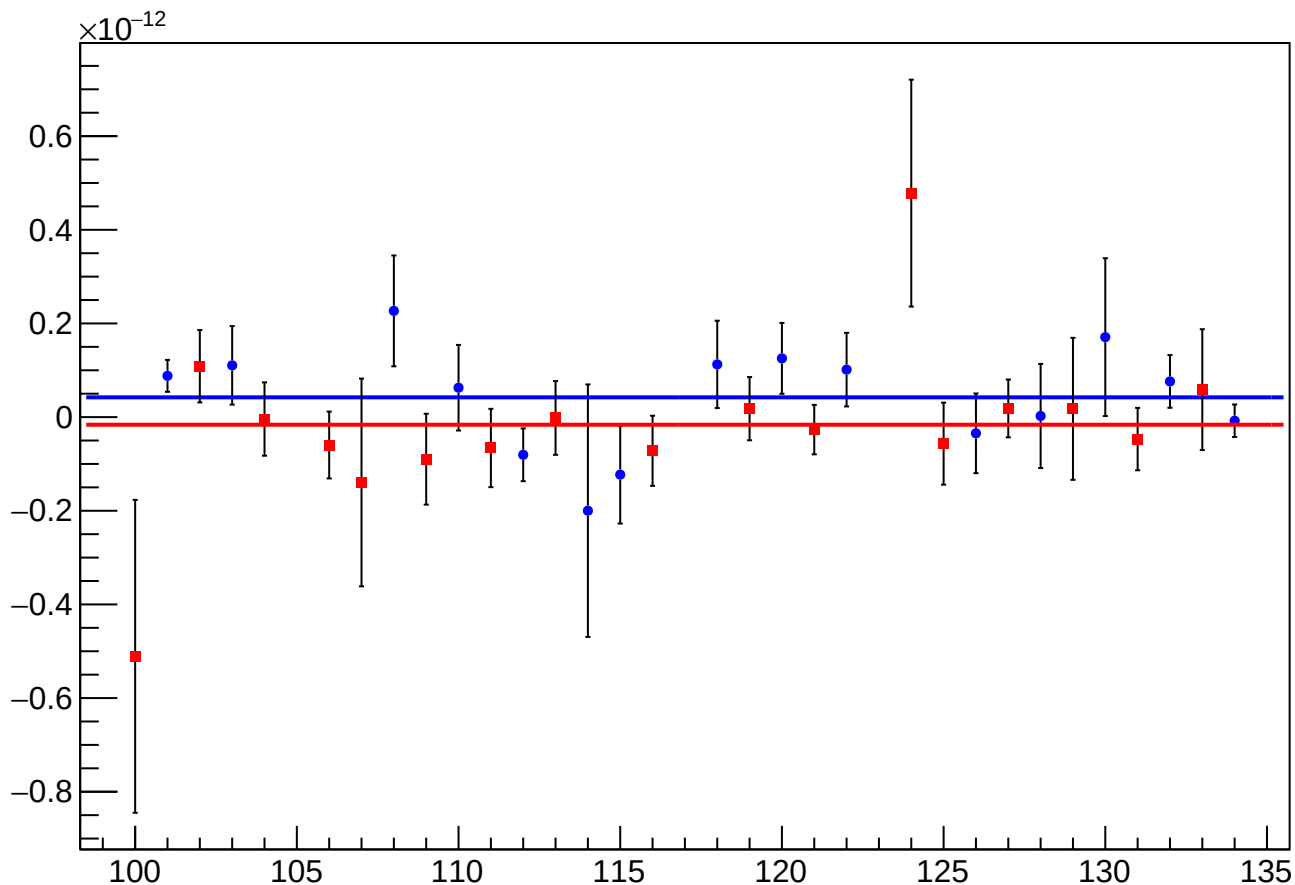
Right: 48.529+/-0.010 χ^2/NDF : 1382760.1/31

In: 48.071+/-0.014 χ^2/NDF : 807709.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.529+/-0.010 χ^2/NDF : 1382760.1/31

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

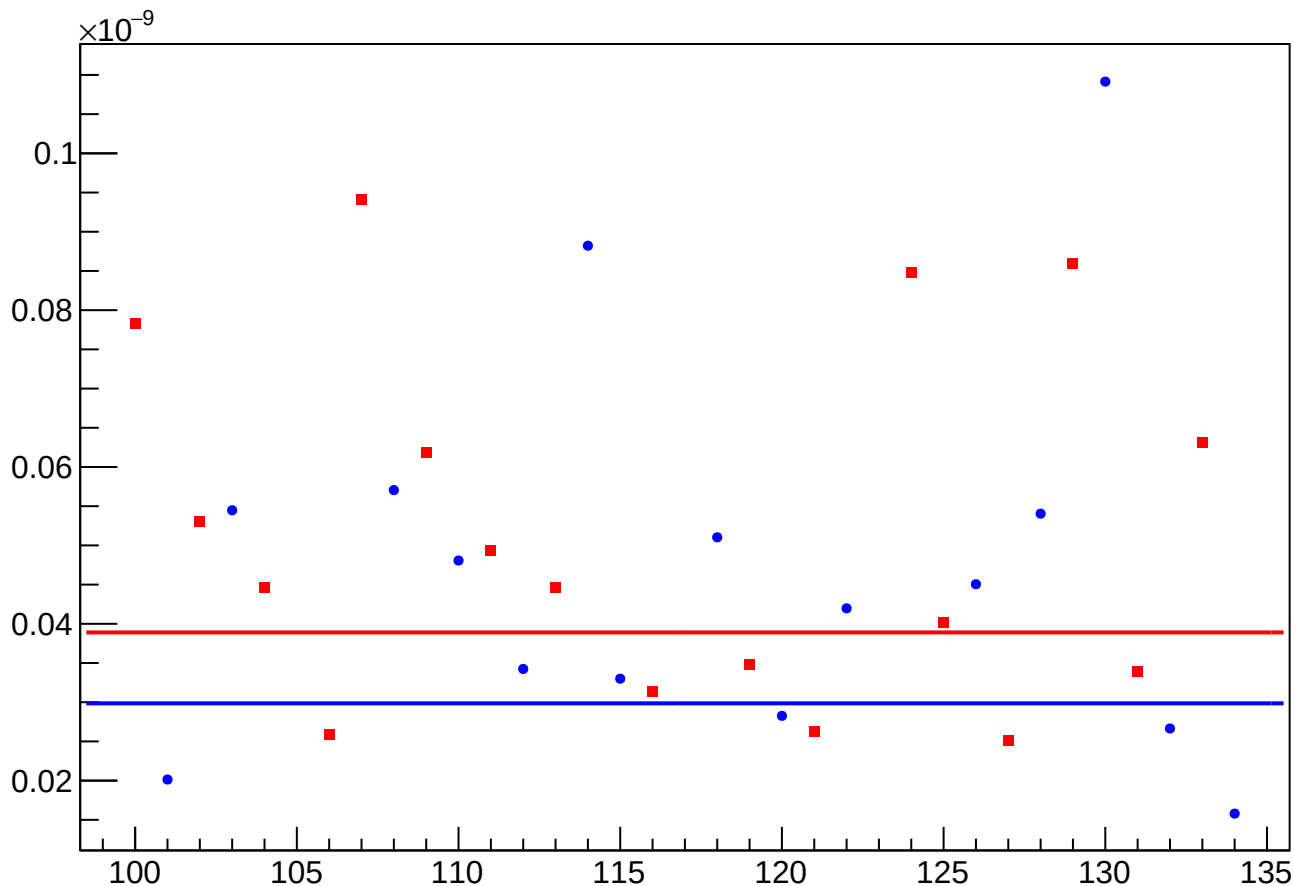
Right: 0.000+/-0.000 χ^2/NDF : 36.8/31

In: 0.000+/-0.000 χ^2/NDF : 19.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.8/31

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1715051.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1037994.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

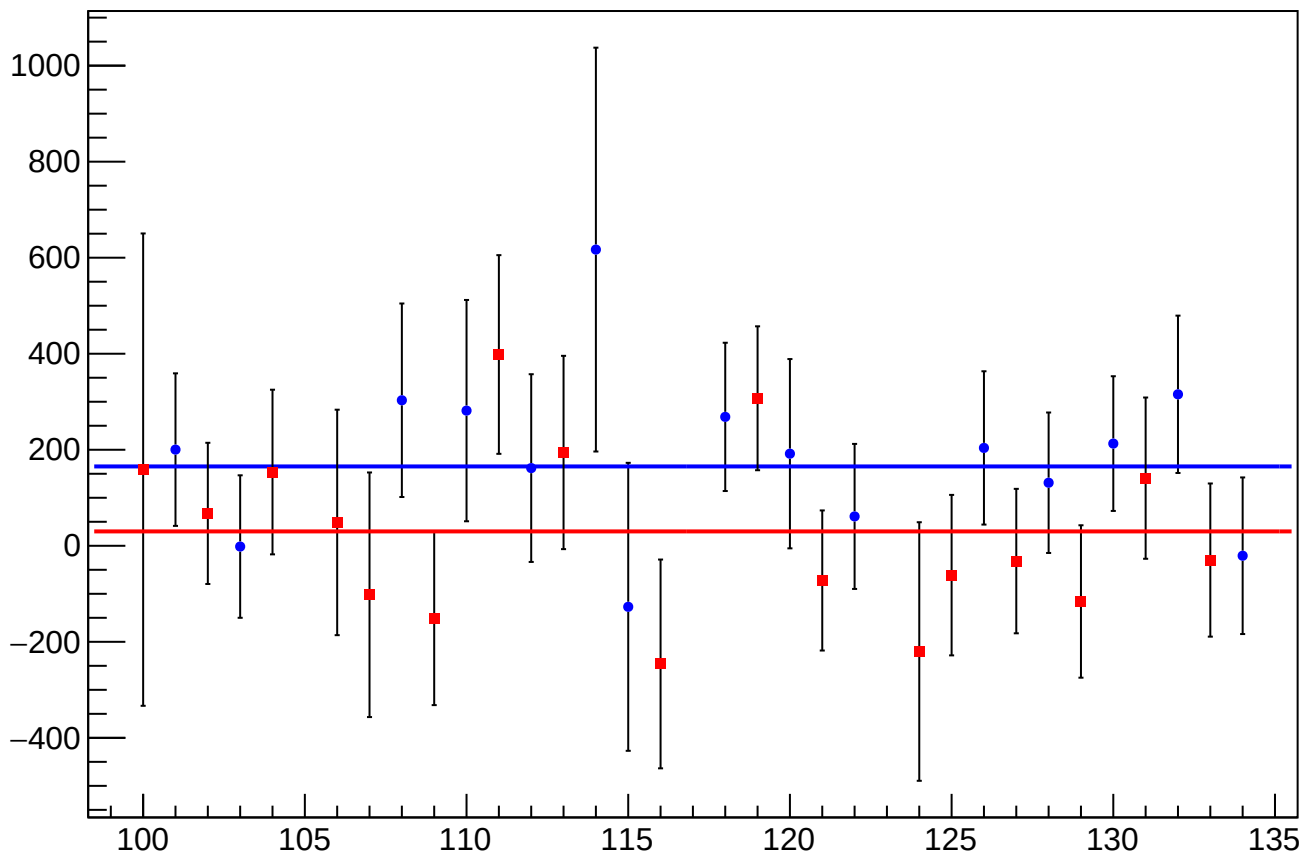
Right: 0.000+/-0.000 χ^2/NDF : 2988519.9/31

In: 0.000+/-0.000 χ^2/NDF : 1715051.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2988519.9/31

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 165.269 $\pm$ 44.966 χ^2 /NDF: 7.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.944 $\pm$ 43.964 χ^2 /NDF: 14.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

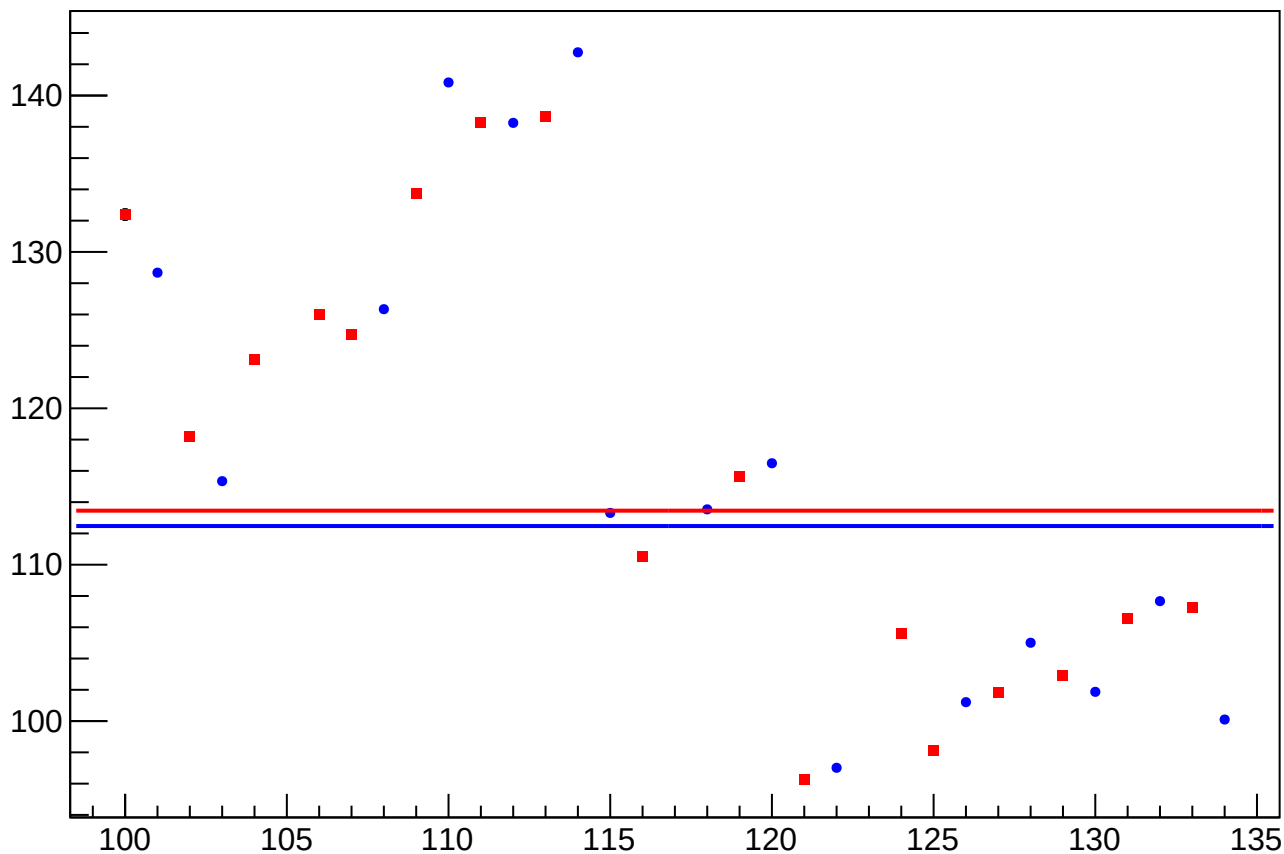
Right: 96.083 $\pm$ 31.435 χ^2 /NDF: 26.1/31

In: 165.269 $\pm$ 44.966 χ^2 /NDF:7.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.083 $\pm$ 31.435 χ^2 /NDF: 26.1/31

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 112.472+/-0.032 χ^2/NDF : 168179.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.456+/-0.031 χ^2/NDF : 180484.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

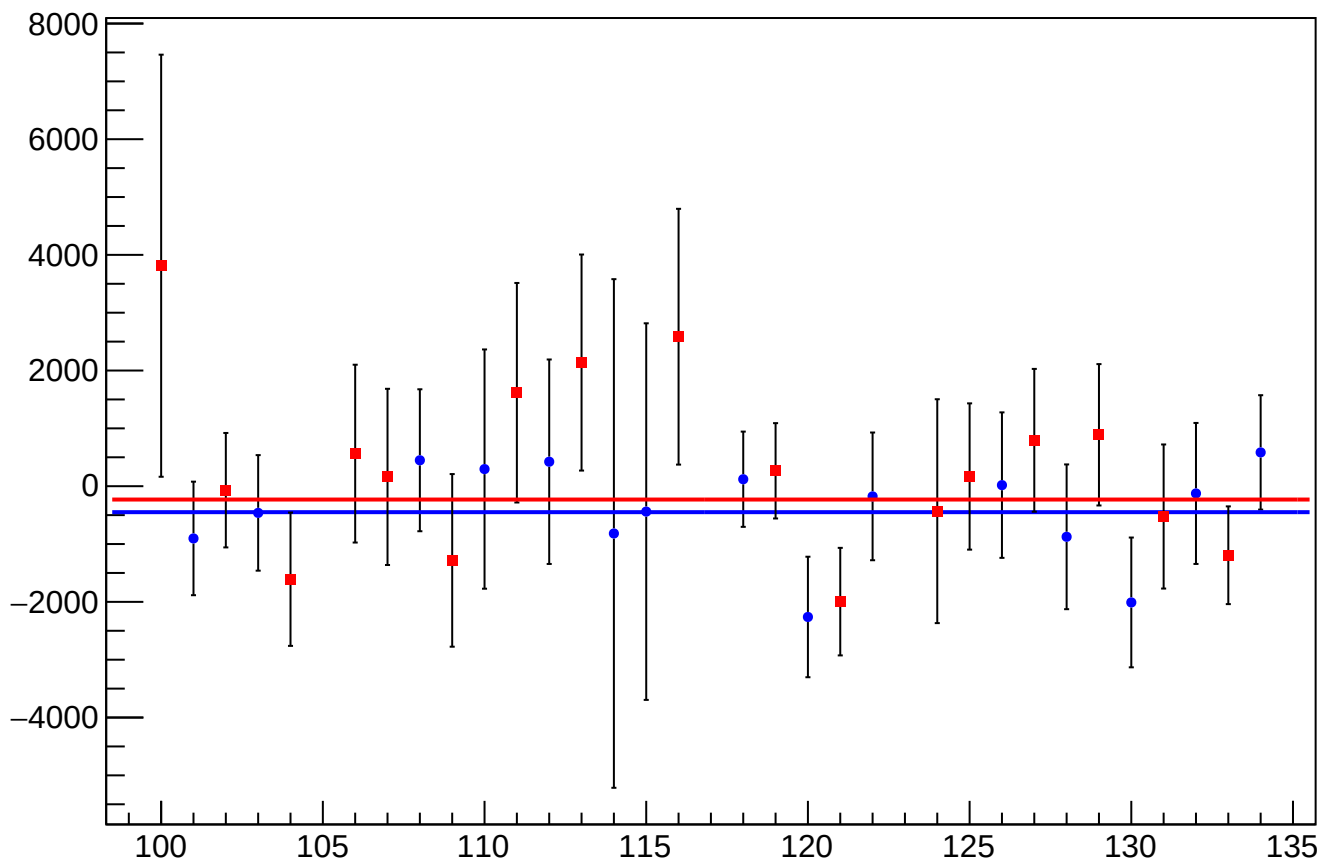
Right: 112.975+/-0.022 χ^2/NDF : 349152.1/31

In: 112.472+/-0.032 χ^2/NDF :168179.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.975+/-0.022 χ^2/NDF : 349152.1/31

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -449.026+/-310.395 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.665+/-304.127 χ^2/NDF : 14.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

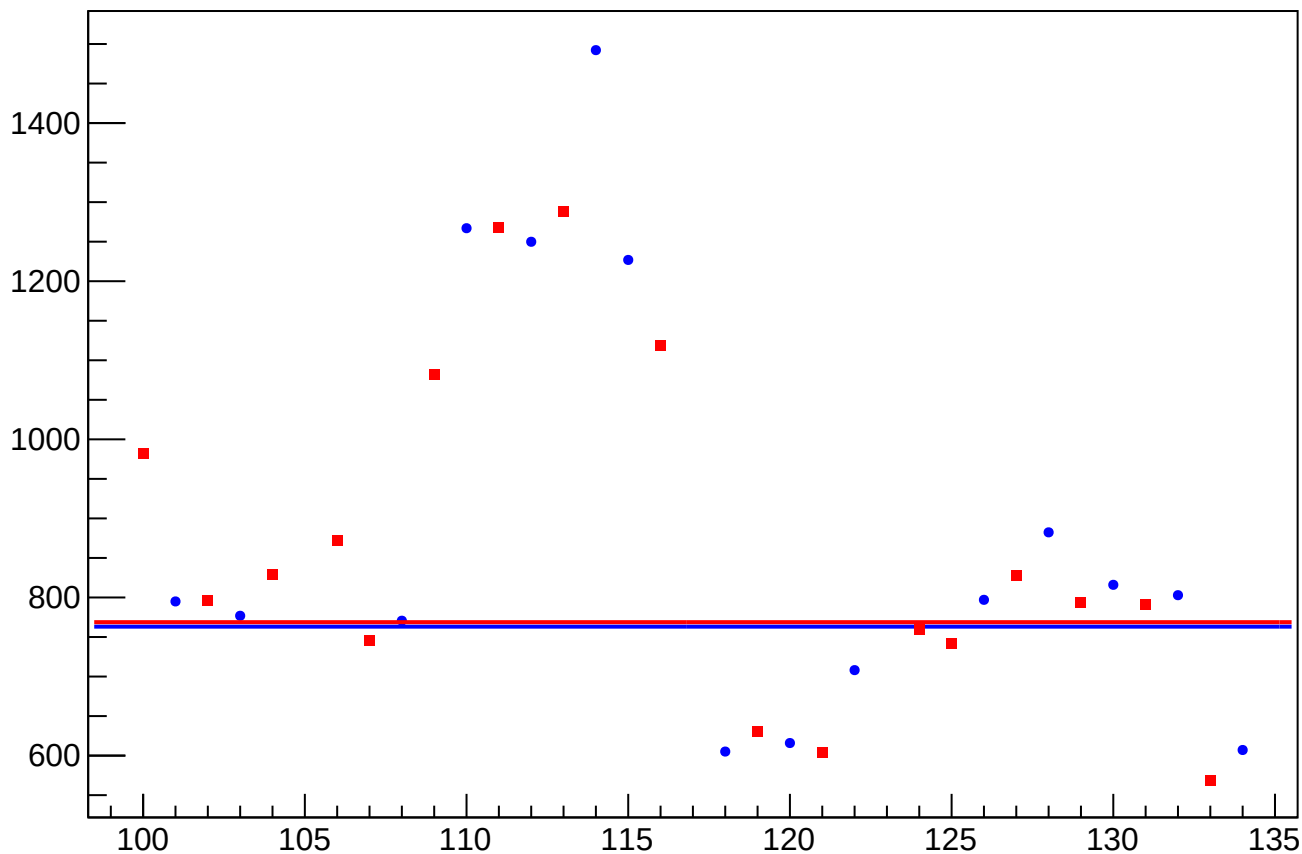
Right: -337.618+/-217.232 χ^2/NDF : 22.9/31

In: -449.026+/-310.395 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.618+/-217.232 χ^2/NDF : 22.9/31

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 763.117+/-0.219 χ^2/NDF : 562907.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 768.782+/-0.215 χ^2/NDF : 692992.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

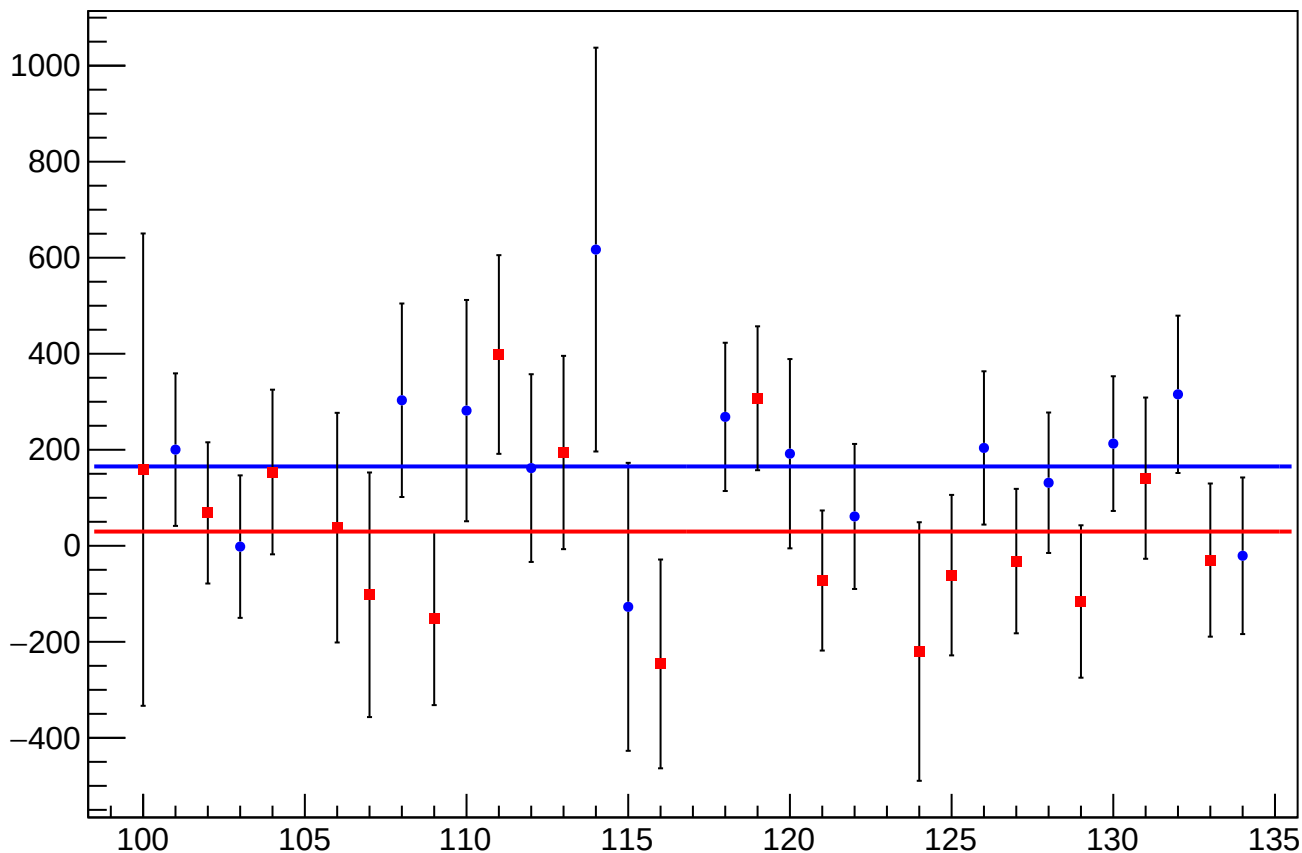
Right: 766.007+/-0.154 χ^2/NDF : 1256239.7/31

In: 763.117+/-0.219 χ^2/NDF : 562907.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.007+/-0.154 χ^2/NDF : 1256239.7/31

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 165.260 $\pm$ 44.966 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.651 $\pm$ 43.993 χ^2 /NDF: 14.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

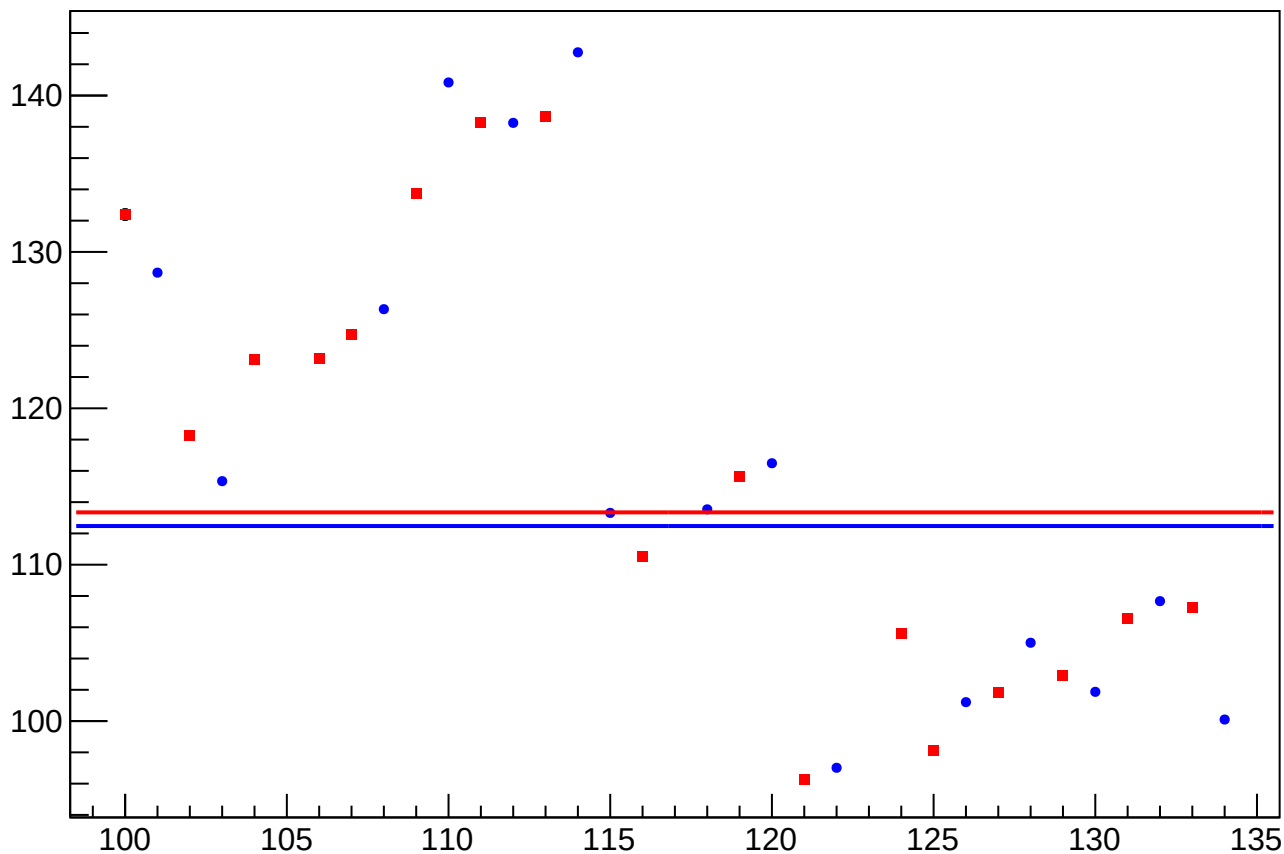
Right: 95.973 $\pm$ 31.446 χ^2 /NDF: 26.1/31

In: 165.260 $\pm$ 44.966 χ^2 /NDF:7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.973 $\pm$ 31.446 χ^2 /NDF: 26.1/31

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 112.472 $\pm$ 0.032 χ^2 /NDF: 168179.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.347 $\pm$ 0.031 χ^2 /NDF: 178082.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

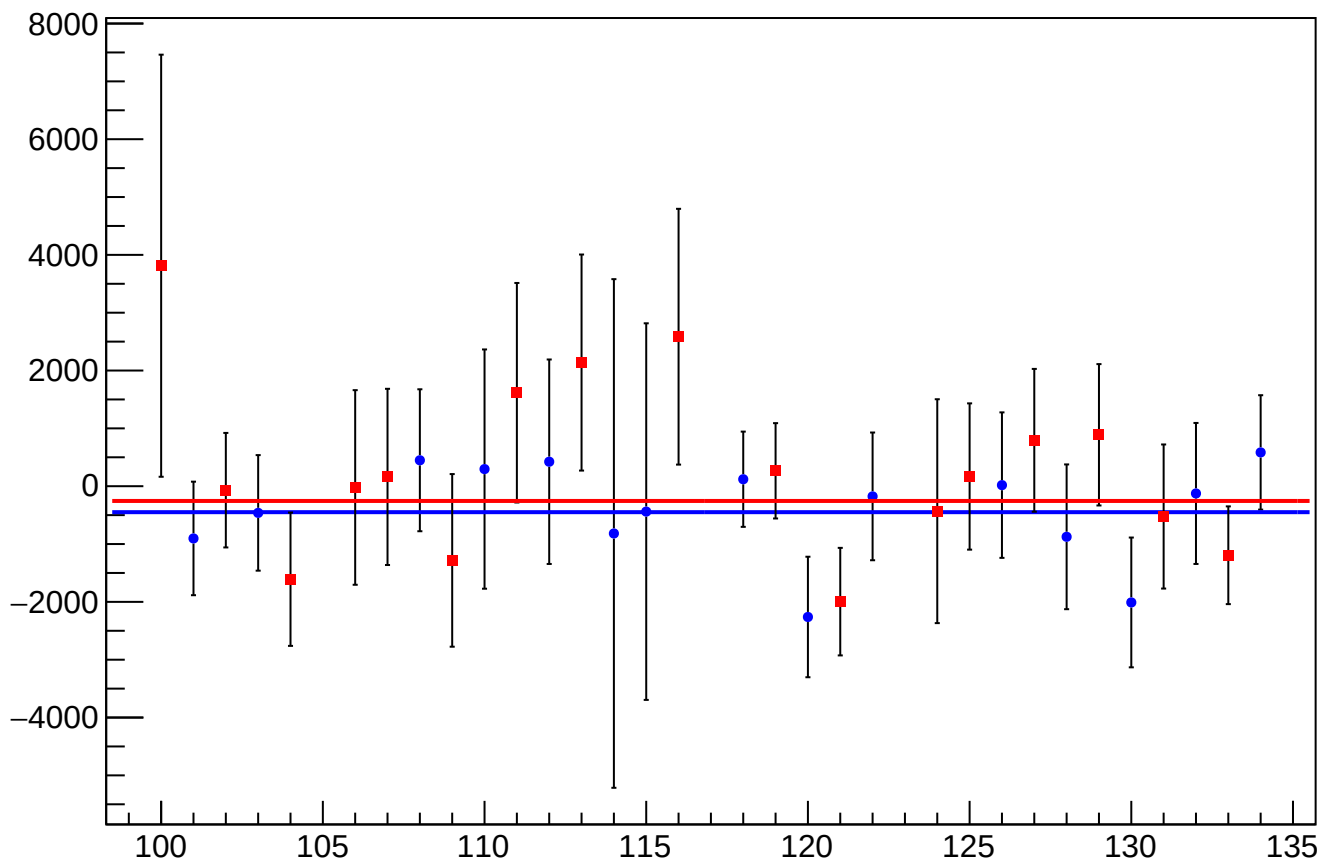
Right: 112.919 $\pm$ 0.022 χ^2 /NDF: 346648.1/31

In: 112.472 $\pm$ 0.032 χ^2 /NDF:168179.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.919 $\pm$ 0.022 χ^2 /NDF: 346648.1/31

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -449.011+/-310.396 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.044+/-305.133 χ^2/NDF : 14.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

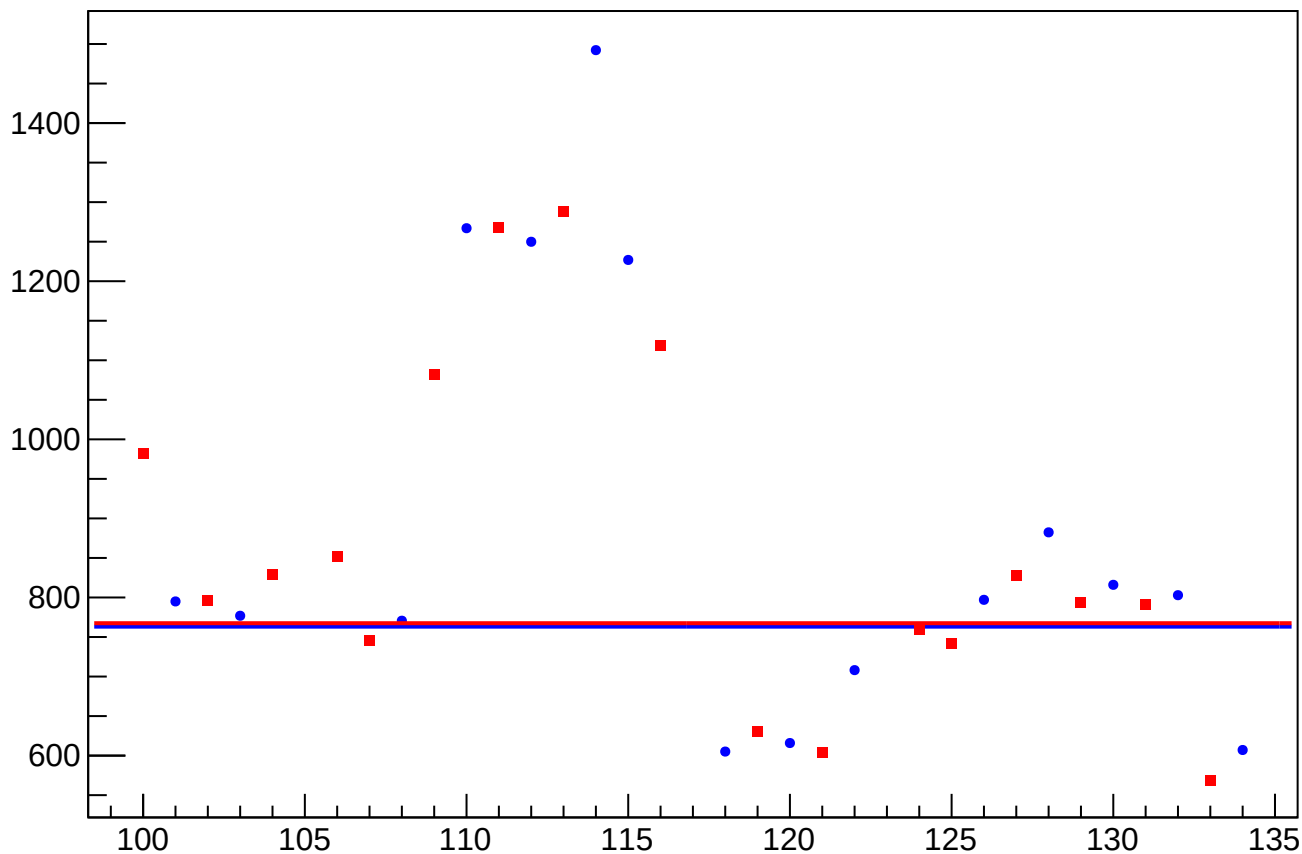
Right: -350.369+/-217.598 χ^2/NDF : 22.6/31

In: -449.011+/-310.396 χ^2/NDF : 8.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.369+/-217.598 χ^2/NDF : 22.6/31

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 763.118+/-0.219 χ^2/NDF : 562914.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.464+/-0.216 χ^2/NDF : 688742.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

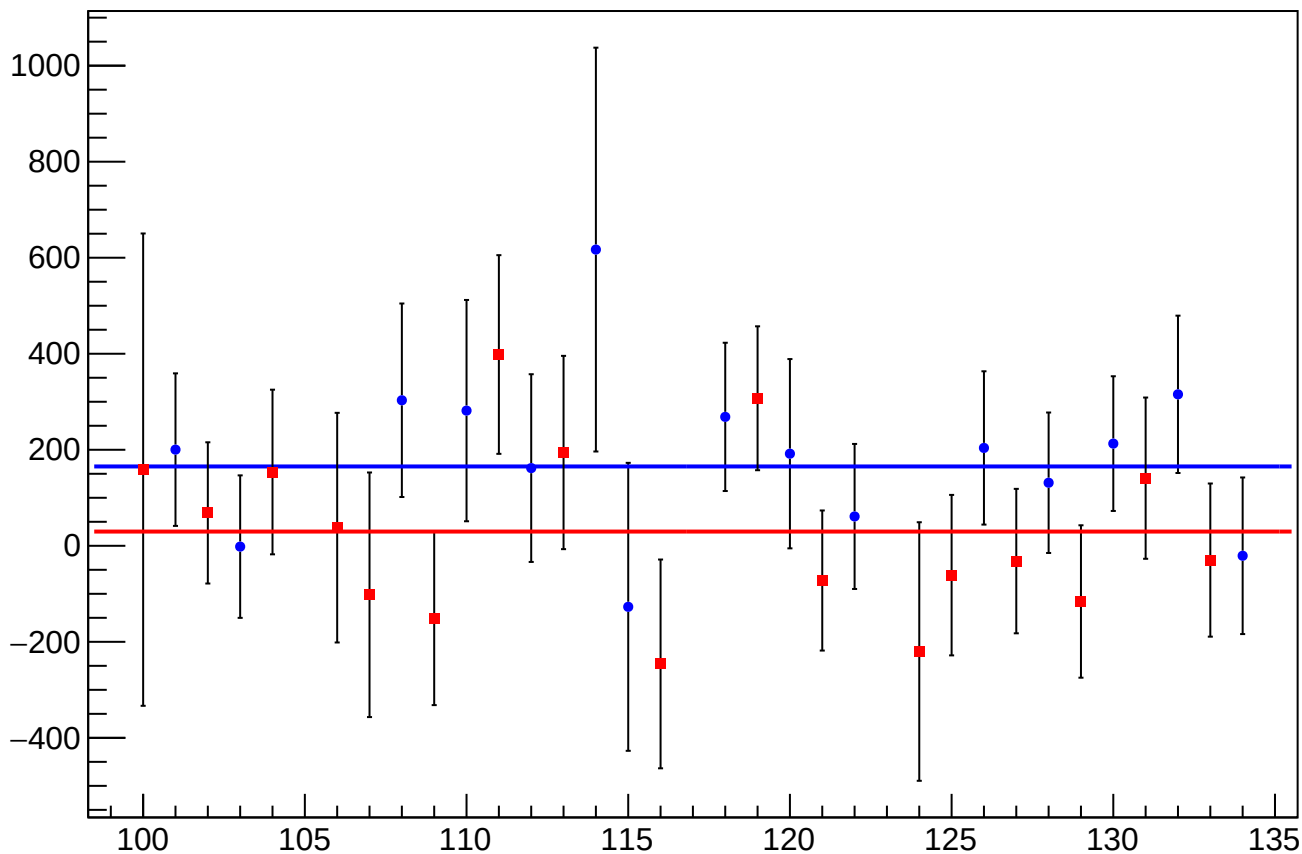
Right: 765.328+/-0.154 χ^2/NDF : 1251856.4/31

In: 763.118+/-0.219 χ^2/NDF : 562914.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.328+/-0.154 χ^2/NDF : 1251856.4/31

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 165.260 $\pm$ 44.966 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.651 $\pm$ 43.993 χ^2 /NDF: 14.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

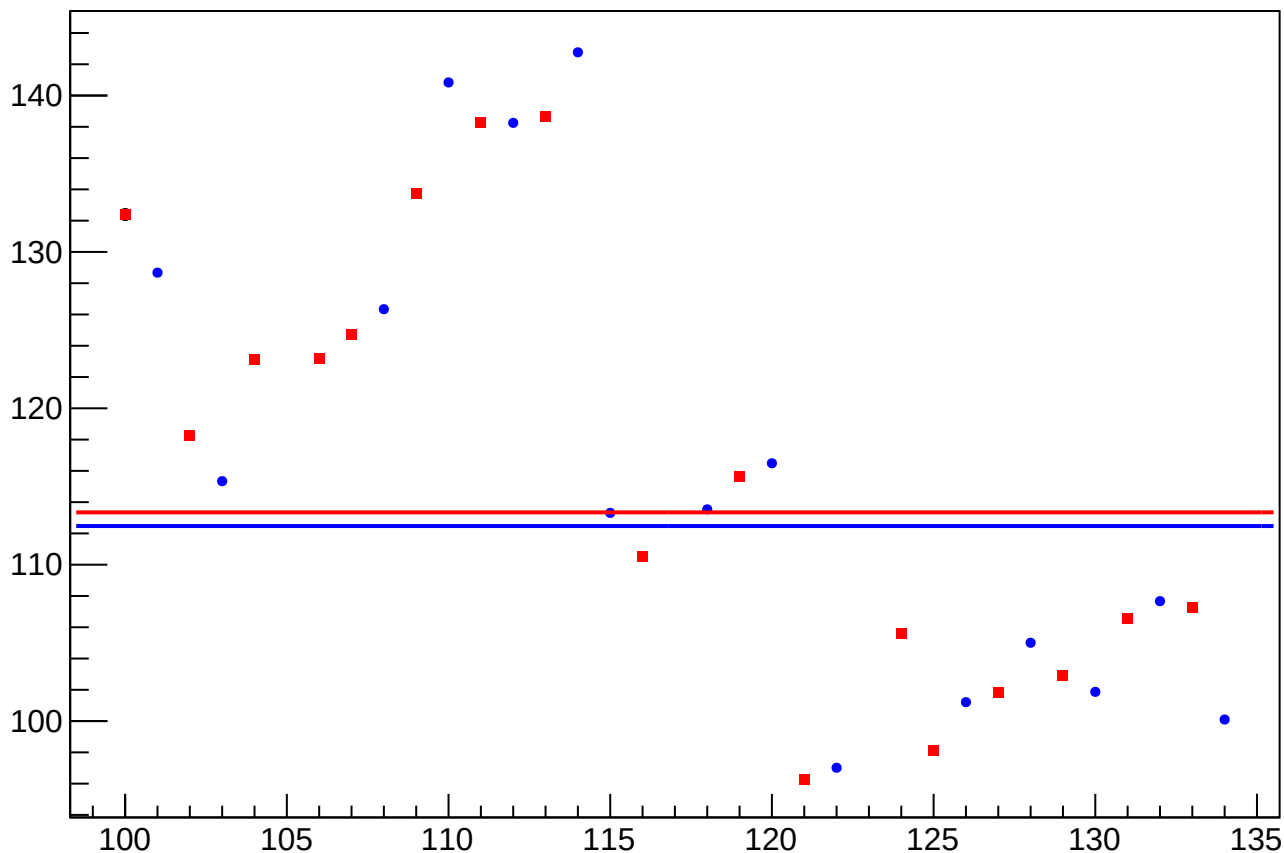
Right: 95.973 $\pm$ 31.446 χ^2 /NDF: 26.1/31

In: 165.260 $\pm$ 44.966 χ^2 /NDF:7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.973 $\pm$ 31.446 χ^2 /NDF: 26.1/31

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 112.472+/-0.032 χ^2/NDF : 168179.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.347+/-0.031 χ^2/NDF : 178082.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

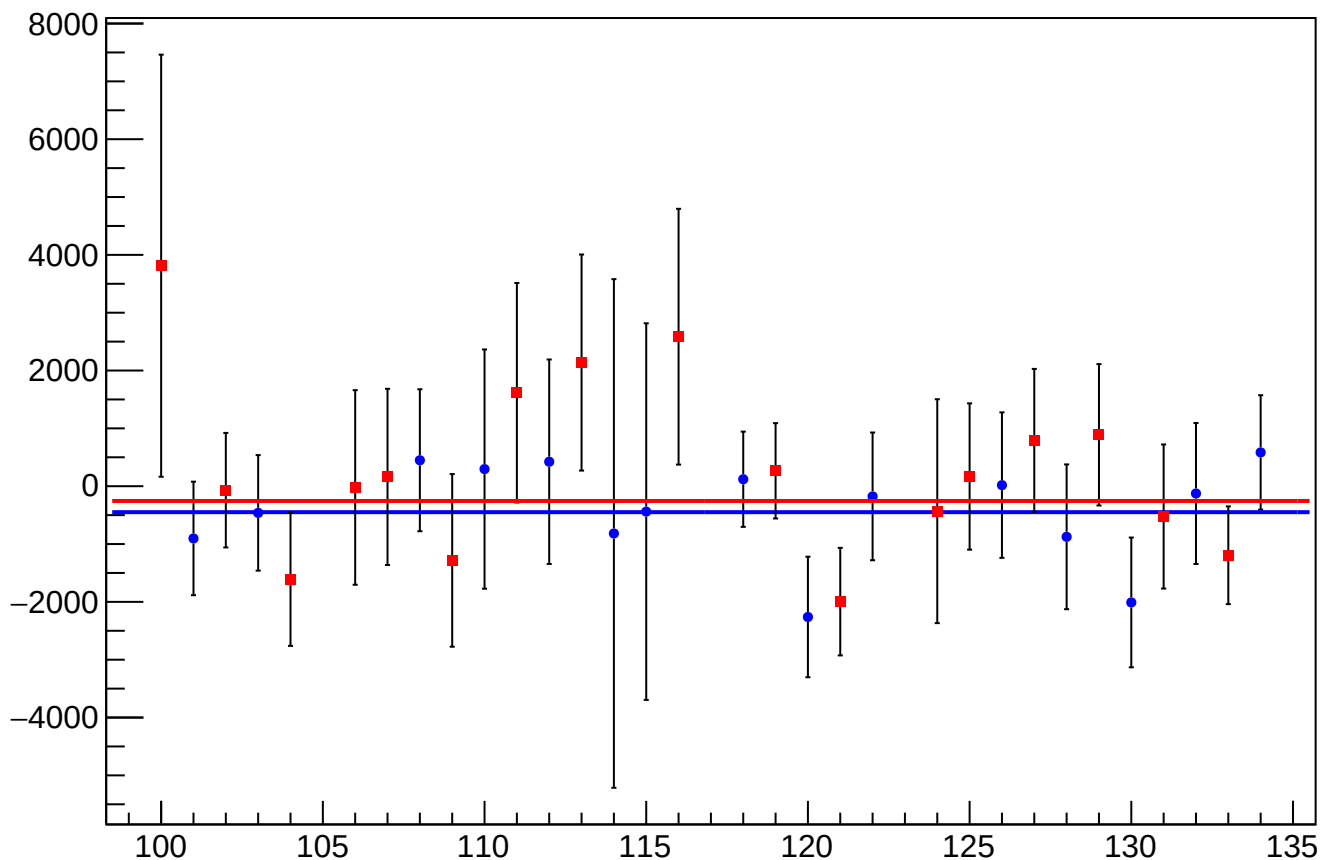
Right: 112.919+/-0.022 χ^2/NDF : 346648.1/31

In: 112.472+/-0.032 χ^2/NDF : 168179.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.919+/-0.022 χ^2/NDF : 346648.1/31

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -449.011 $\pm$ 310.396 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -255.044 $\pm$ 305.133 χ^2 /NDF: 14.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

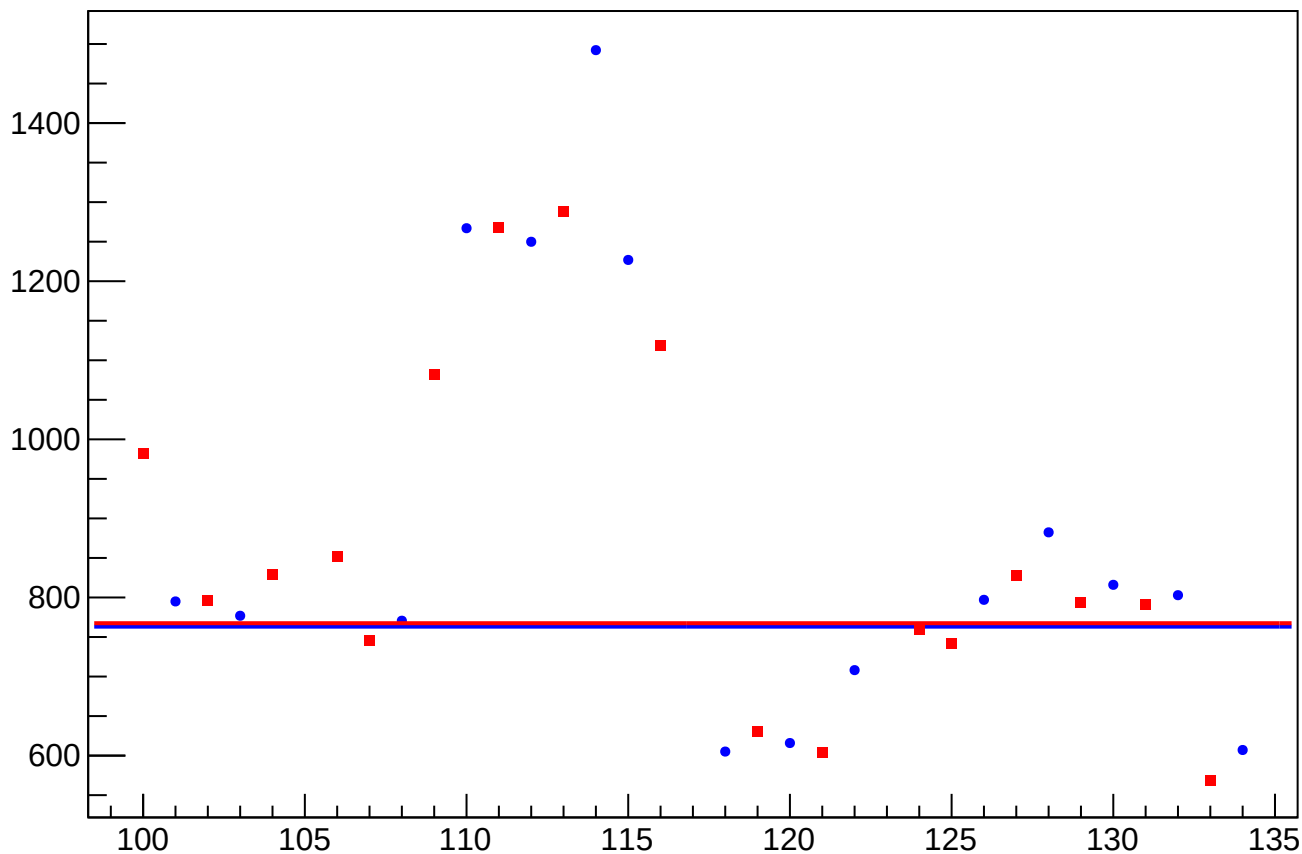
Right: -350.369 $\pm$ 217.598 χ^2 /NDF: 22.6/31

In: -449.011 $\pm$ 310.396 χ^2 /NDF:8.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -350.369 $\pm$ 217.598 χ^2 /NDF: 22.6/31

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 763.118+/-0.219 χ^2/NDF : 562914.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.464+/-0.216 χ^2/NDF : 688742.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

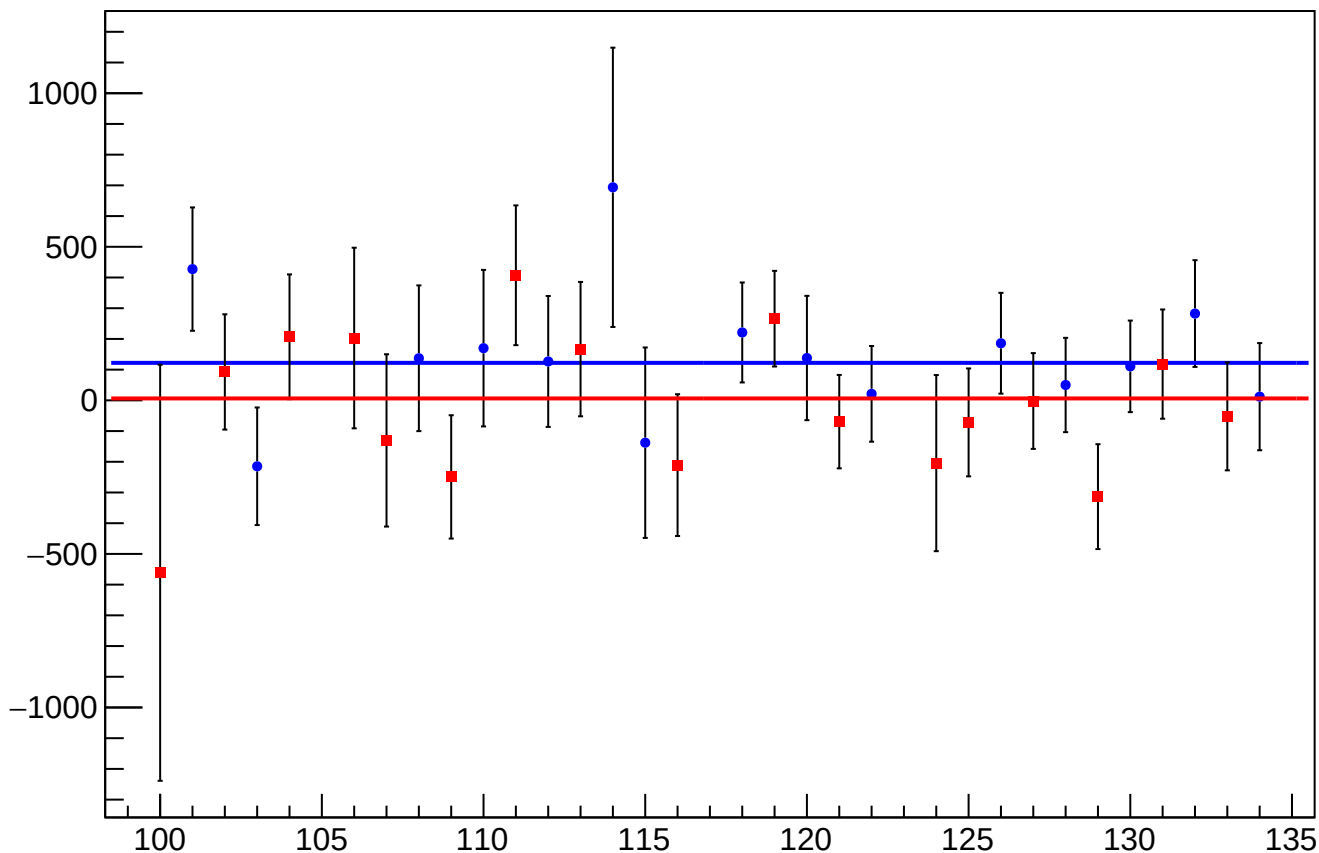
Right: 765.328+/-0.154 χ^2/NDF : 1251856.4/31

In: 763.118+/-0.219 χ^2/NDF : 562914.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.328+/-0.154 χ^2/NDF : 1251856.4/31

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 122.120 $\pm$ 49.006 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.240 $\pm$ 48.153 χ^2 /NDF: 16.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

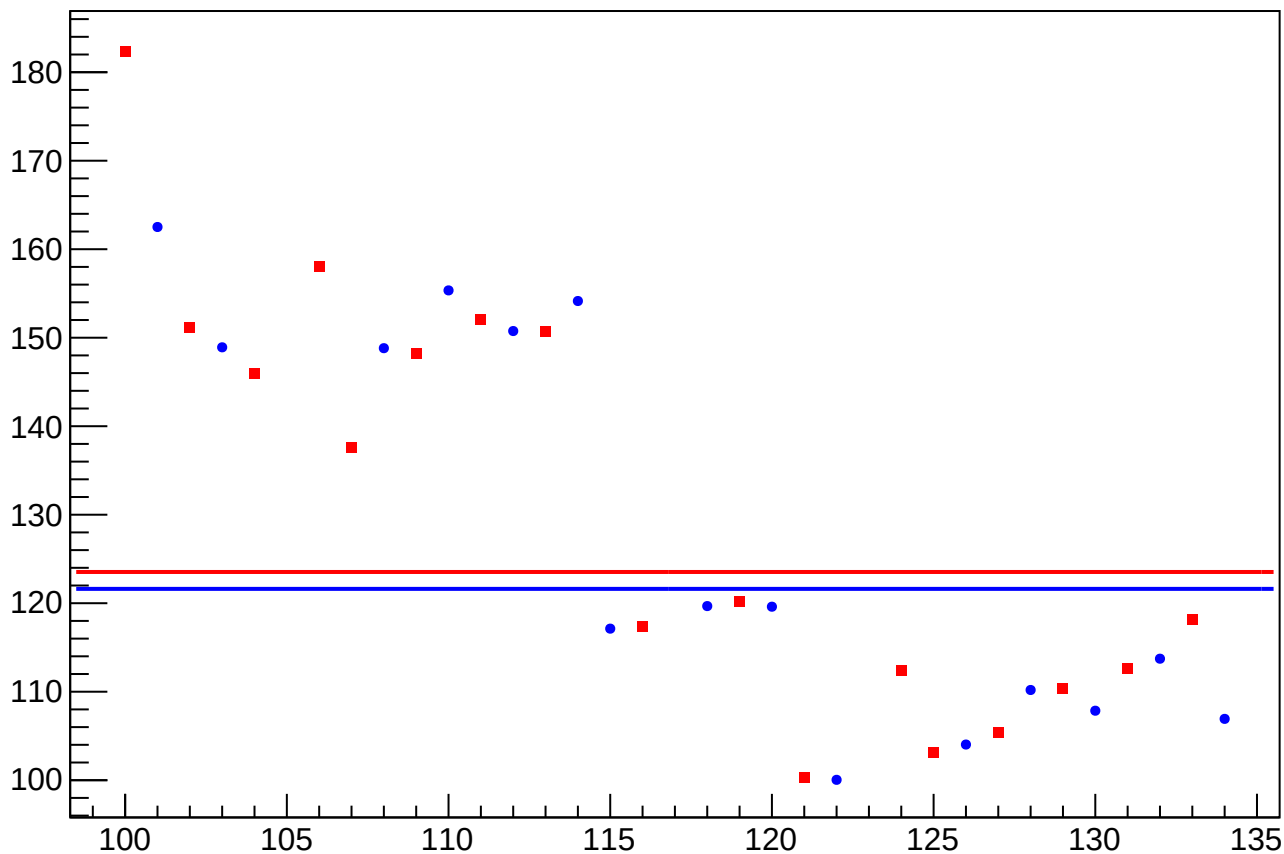
Right: 63.163 $\pm$ 34.347 χ^2 /NDF: 29.5/31

In: 122.120 $\pm$ 49.006 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.163 $\pm$ 34.347 χ^2 /NDF: 29.5/31

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.620+/-0.035 χ^2/NDF : 341147.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.530+/-0.034 χ^2/NDF : 335004.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

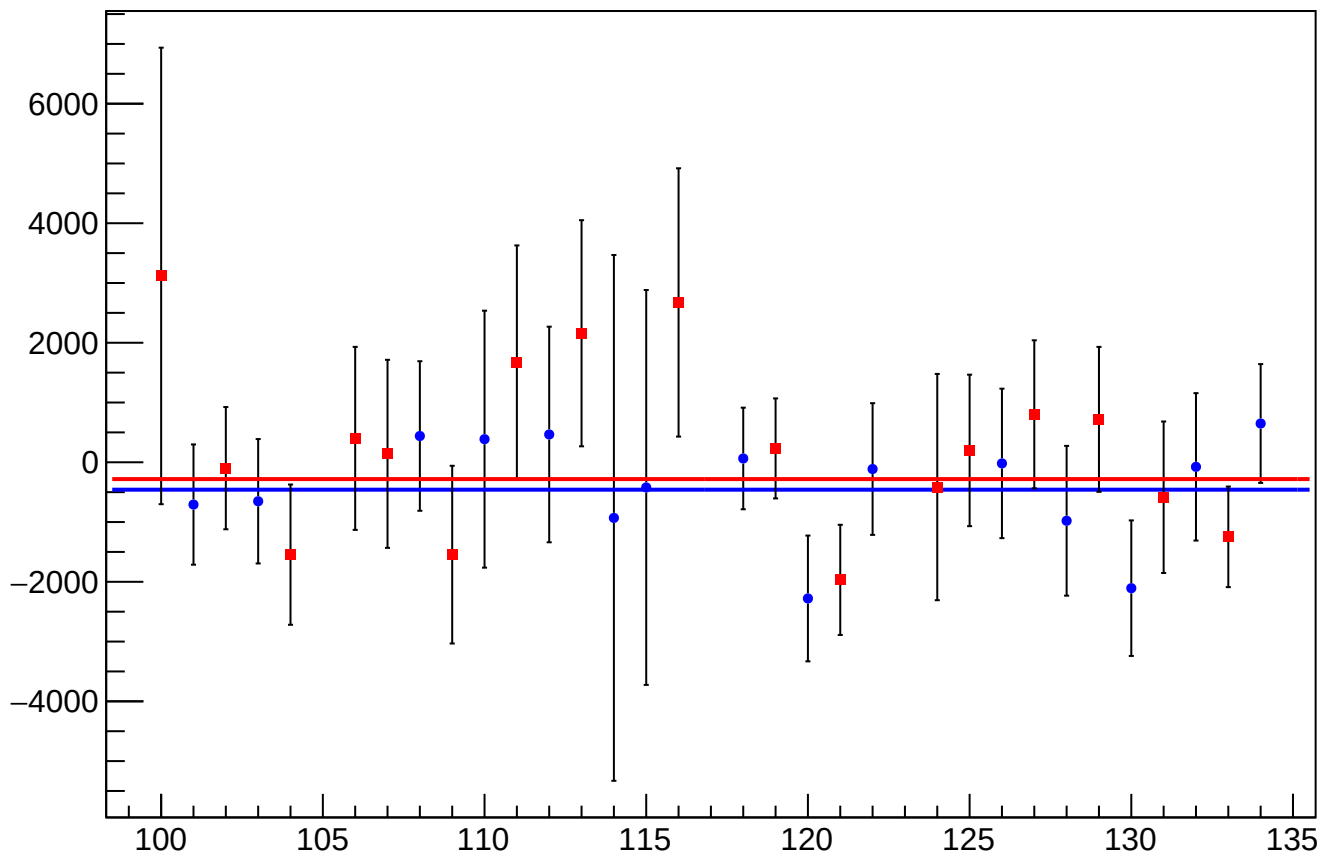
Right: 122.592+/-0.024 χ^2/NDF : 677696.9/31

In: 121.620+/-0.035 χ^2/NDF :341147.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 122.592+/-0.024 χ^2/NDF : 677696.9/31

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.569+/-315.433 χ^2/NDF : 8.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.133+/-306.474 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

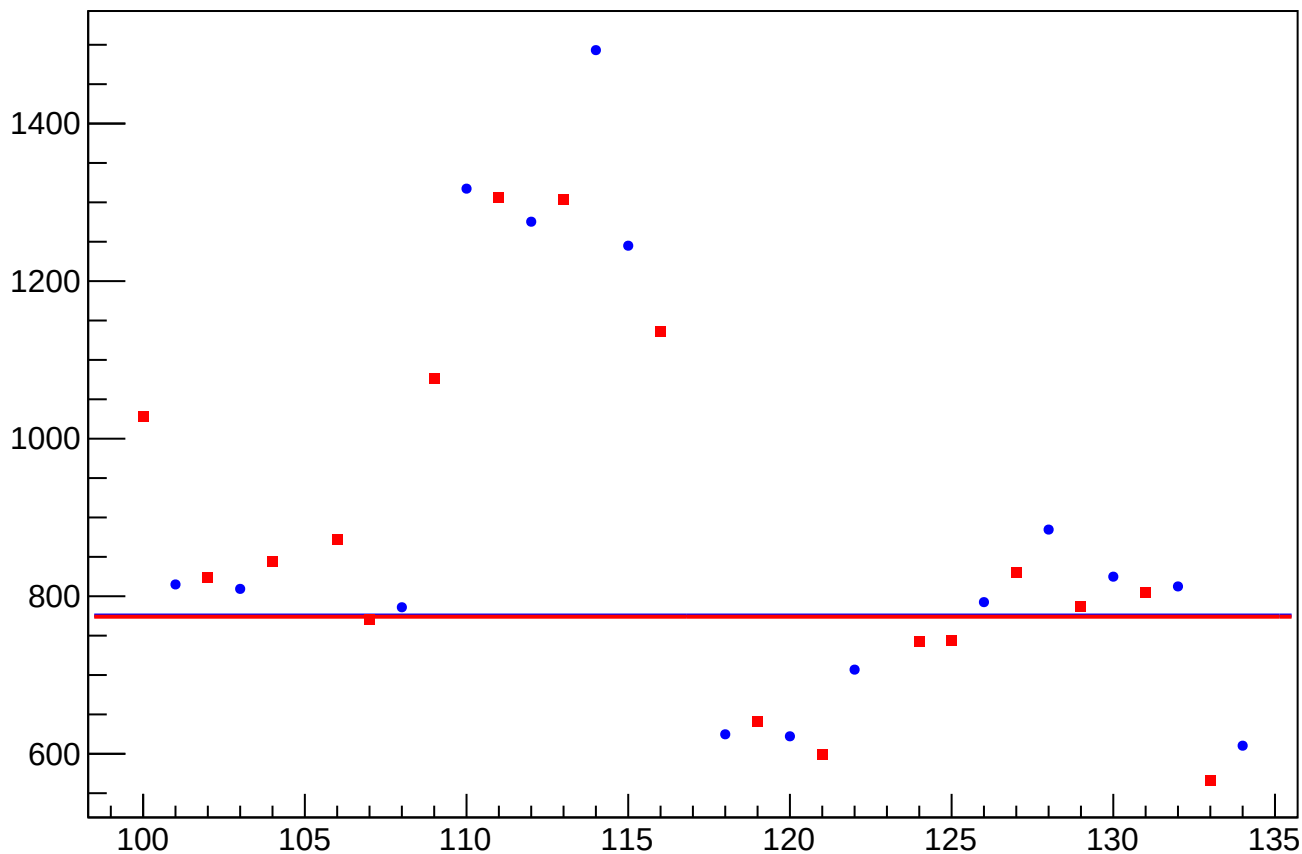
Right: -367.296+/-219.809 χ^2/NDF : 22.5/31

In: -458.569+/-315.433 χ^2/NDF : 8.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.296+/-219.809 χ^2/NDF : 22.5/31

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 775.521+/-0.223 χ^2/NDF : 569086.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 774.041+/-0.217 χ^2/NDF : 720655.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

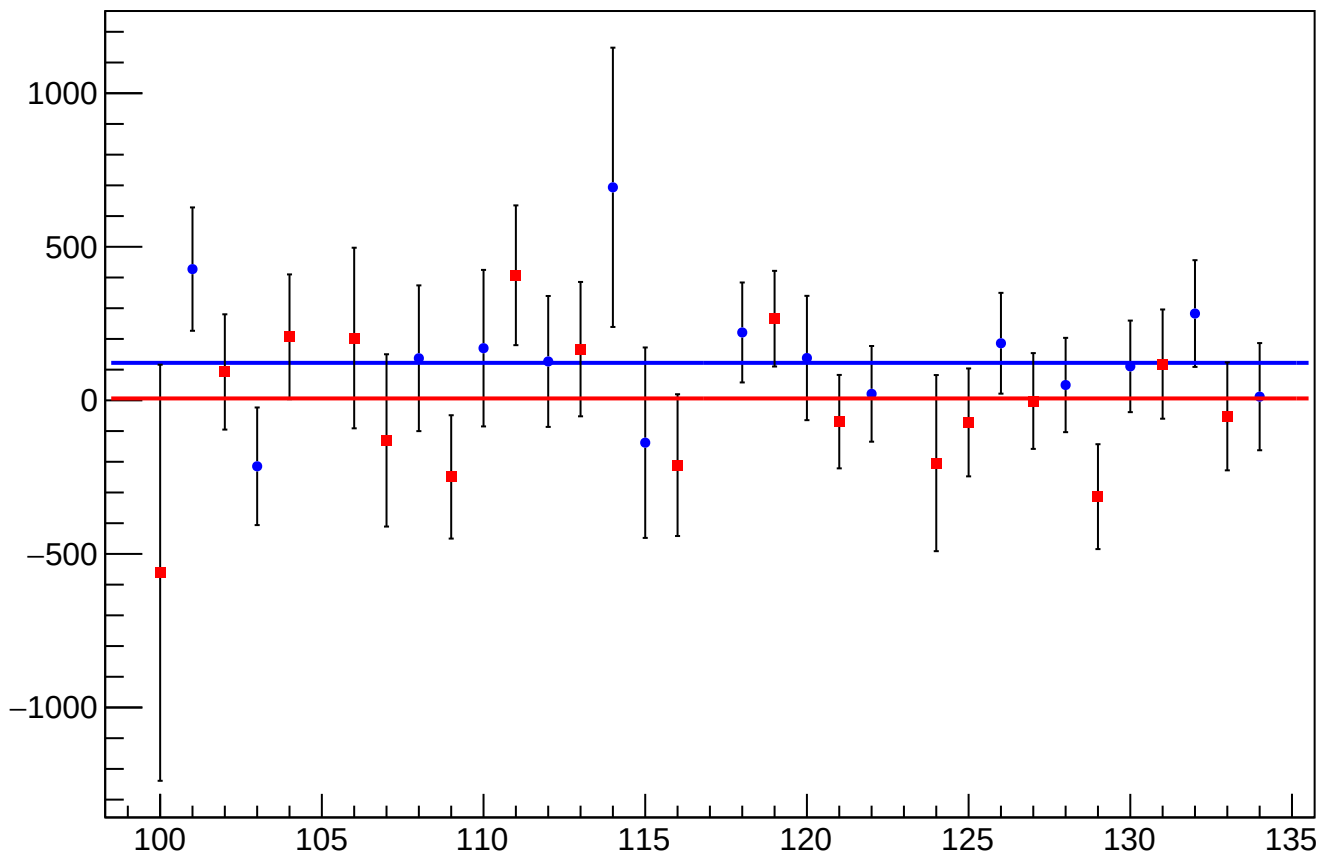
Right: 774.760+/-0.155 χ^2/NDF : 1289764.3/31

In: 775.521+/-0.223 χ^2/NDF : 569086.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.760+/-0.155 χ^2/NDF : 1289764.3/31

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 122.119 $\pm$ 49.006 χ^2 /NDF: 10.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.240 $\pm$ 48.153 χ^2 /NDF: 16.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

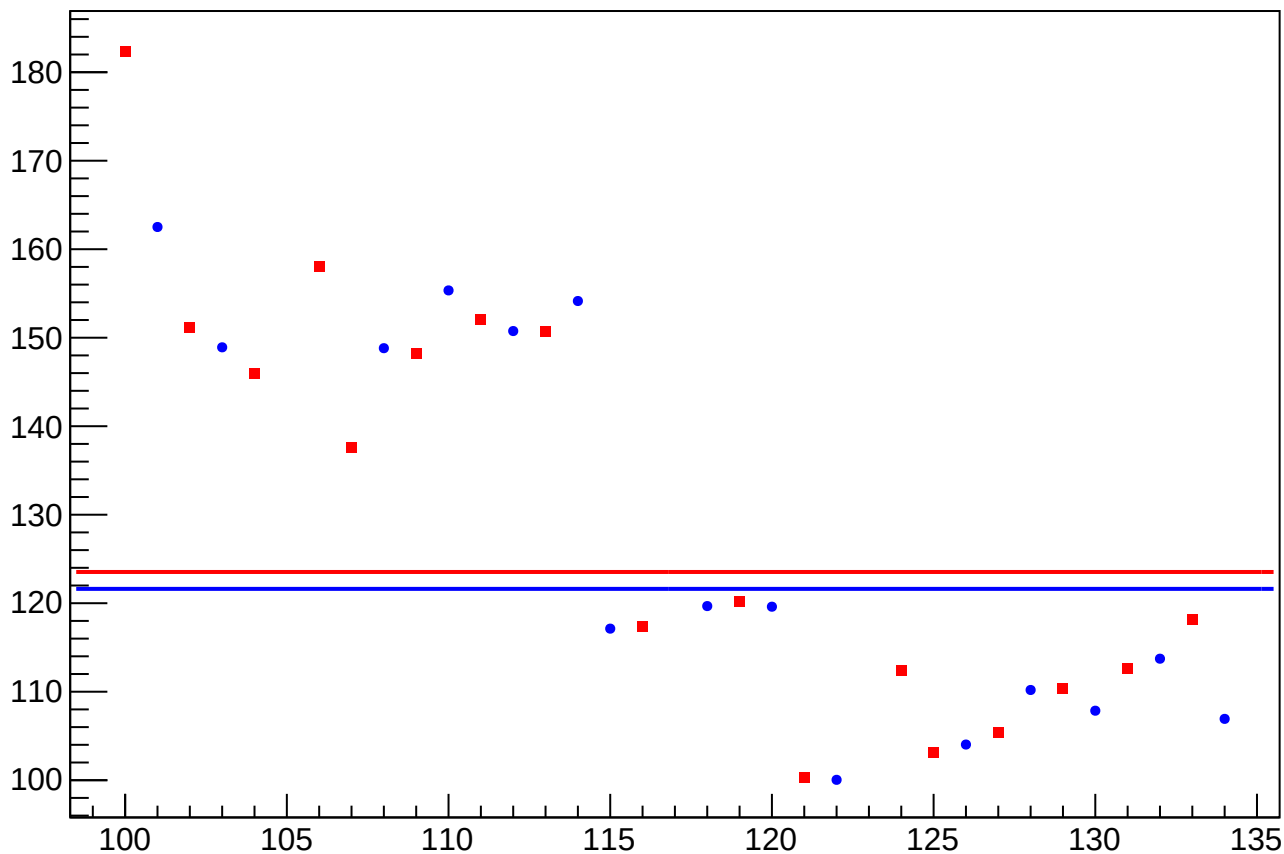
Right: 63.163 $\pm$ 34.347 χ^2 /NDF: 29.5/31

In: 122.119 $\pm$ 49.006 χ^2 /NDF:10.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.163 $\pm$ 34.347 χ^2 /NDF: 29.5/31

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.620 $\pm$ 0.035 χ^2 /NDF: 341137.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.530 $\pm$ 0.034 χ^2 /NDF: 334997.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

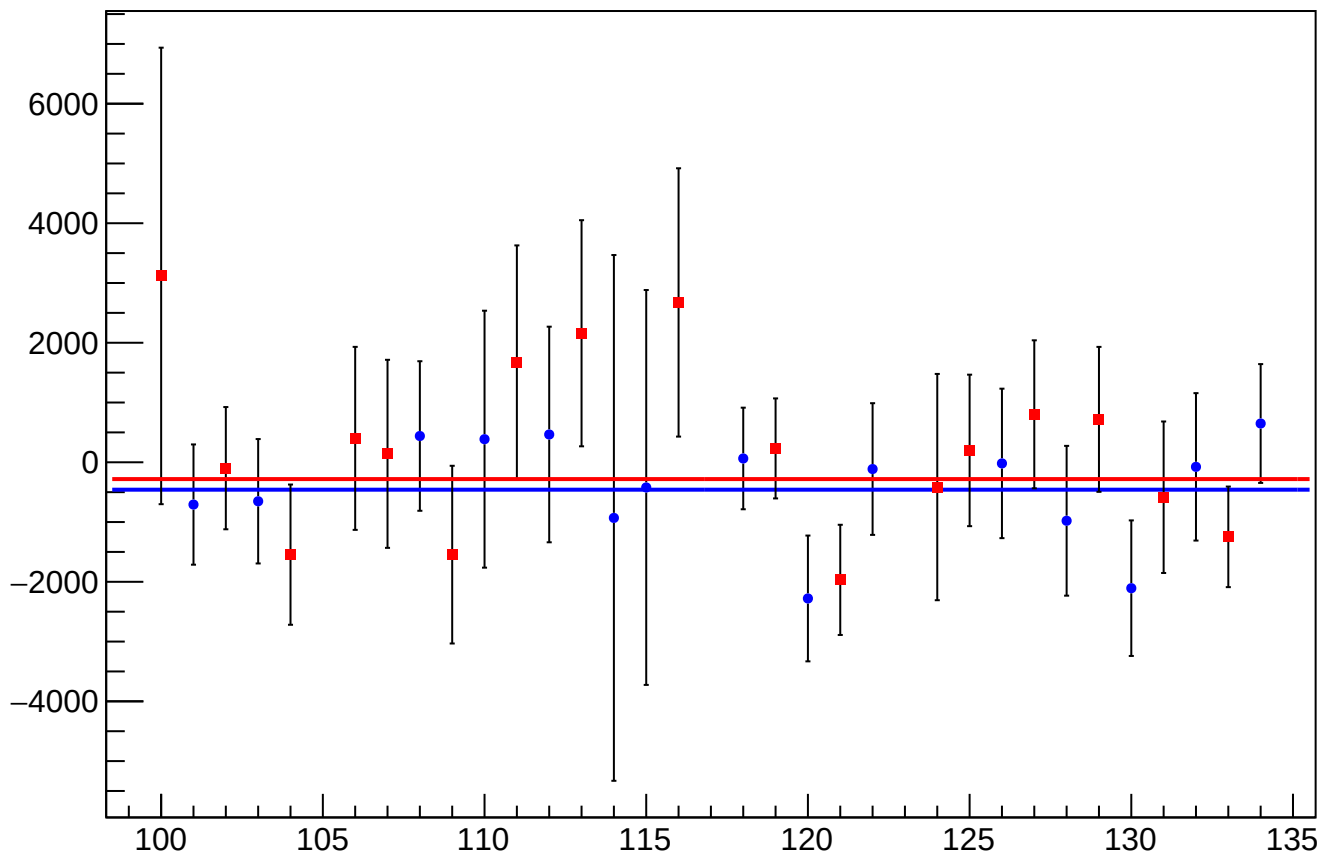
Right: 122.592 $\pm$ 0.024 χ^2 /NDF: 677679.6/31

In: 121.620 $\pm$ 0.035 χ^2 /NDF:341137.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 122.592 $\pm$ 0.024 χ^2 /NDF: 677679.6/31

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.569+/-315.432 χ^2/NDF : 8.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.133+/-306.474 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

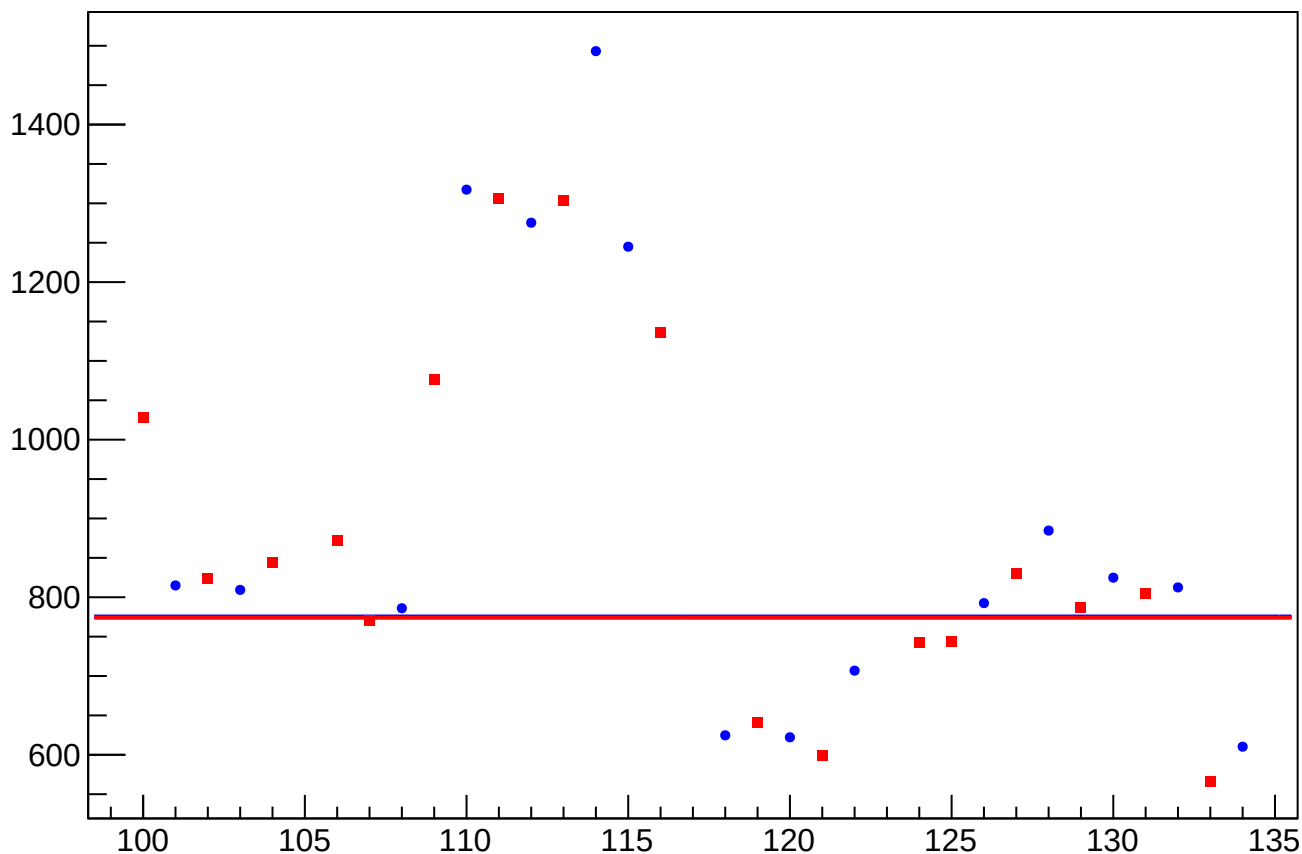
Right: -367.295+/-219.809 χ^2/NDF : 22.5/31

In: -458.569+/-315.432 χ^2/NDF : 8.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.295+/-219.809 χ^2/NDF : 22.5/31

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 775.522+/-0.223 χ^2/NDF : 569079.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 774.041+/-0.217 χ^2/NDF : 720649.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

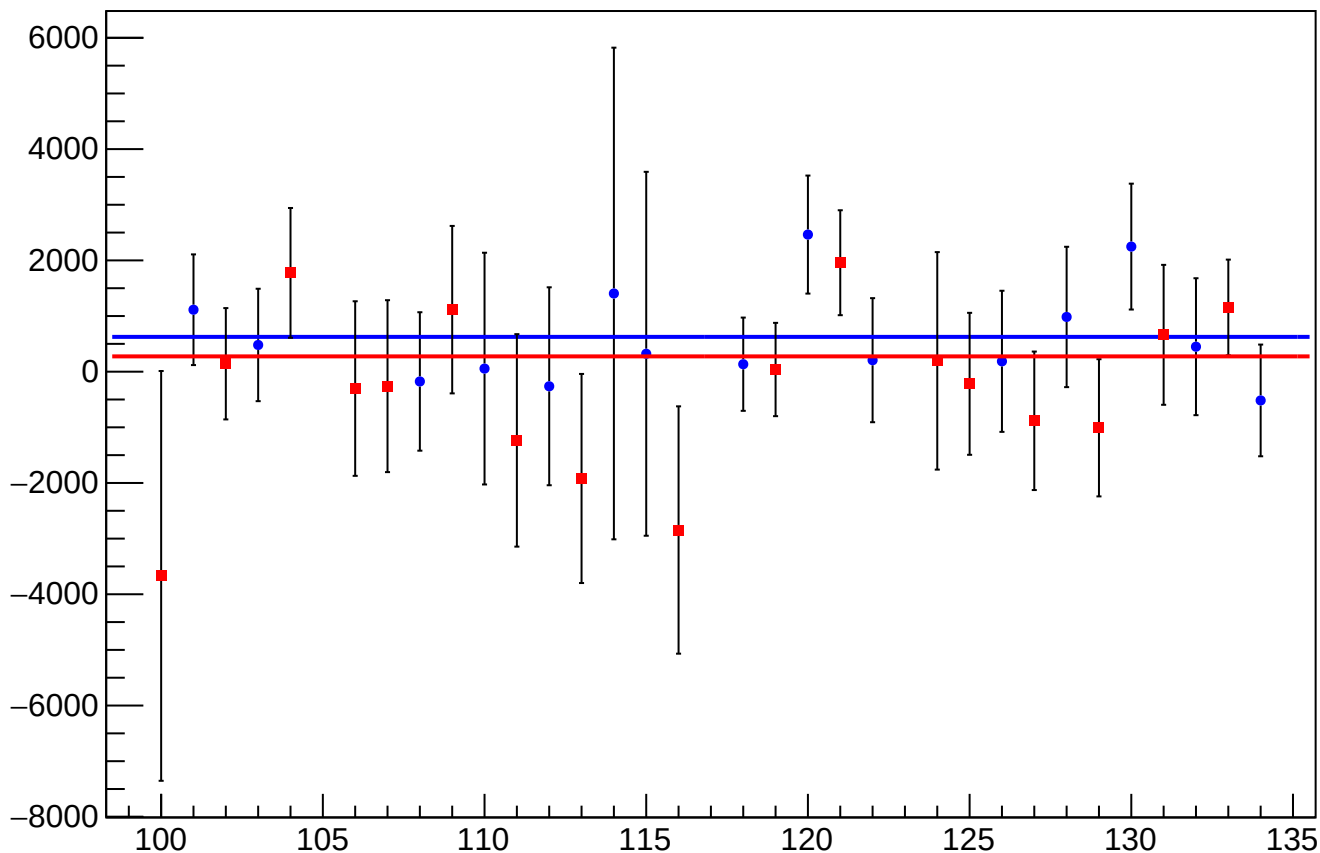
Right: 774.760+/-0.155 χ^2/NDF : 1289751.7/31

In: 775.522+/-0.223 χ^2/NDF : 569079.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.760+/-0.155 χ^2/NDF : 1289751.7/31

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 625.507 $\pm$ 314.165 χ^2 /NDF: 8.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 274.877 $\pm$ 307.922 χ^2 /NDF: 13.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

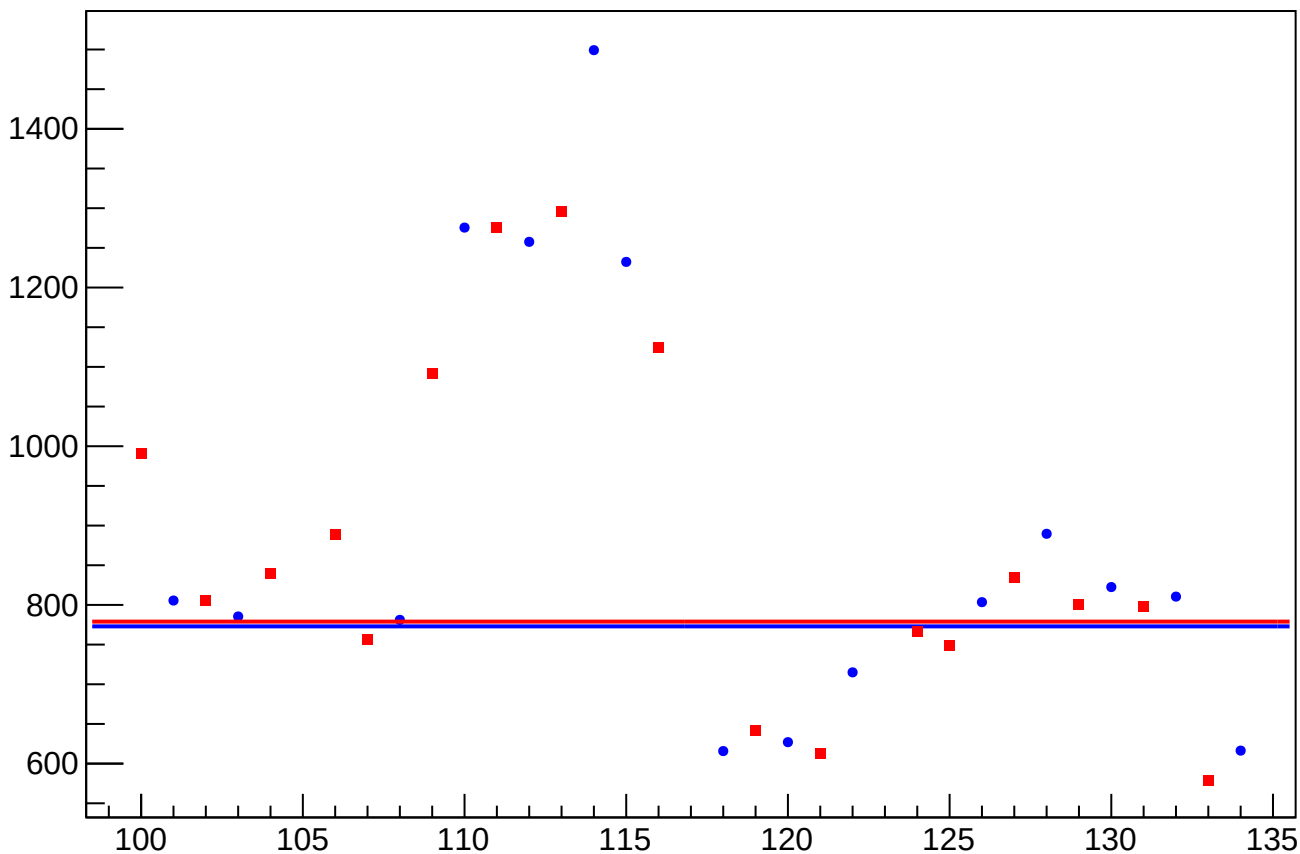
Right: 446.673 $\pm$ 219.908 χ^2 /NDF: 22.6/31

In: 625.507 $\pm$ 314.165 χ^2 /NDF:8.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 446.673 $\pm$ 219.908 χ^2 /NDF: 22.6/31

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 772.958+/-0.222 χ^2/NDF : 547312.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 778.967+/-0.218 χ^2/NDF : 674963.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

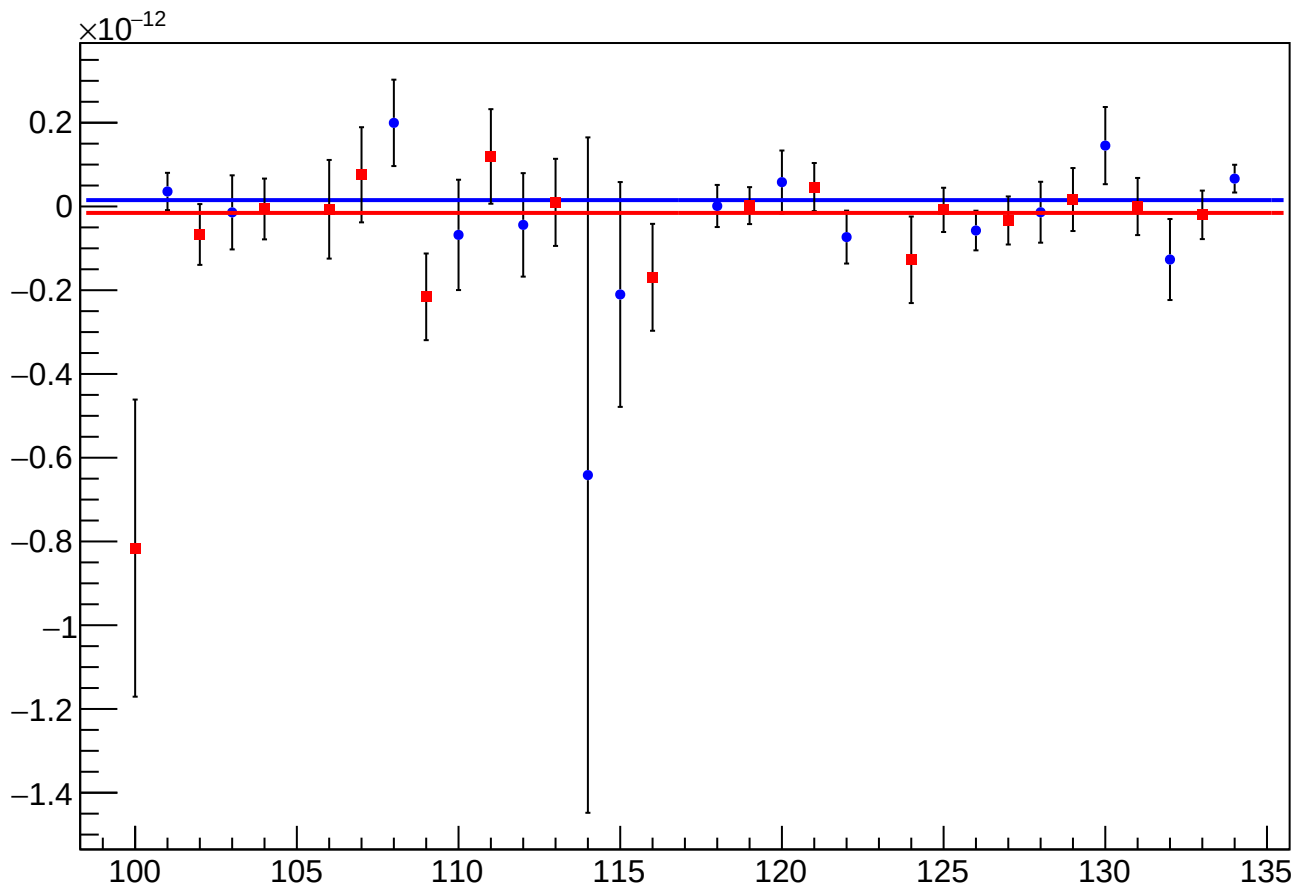
Right: 776.023+/-0.155 χ^2/NDF : 1222649.6/31

In: 772.958+/-0.222 χ^2/NDF : 547312.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.023+/-0.155 χ^2/NDF : 1222649.6/31

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

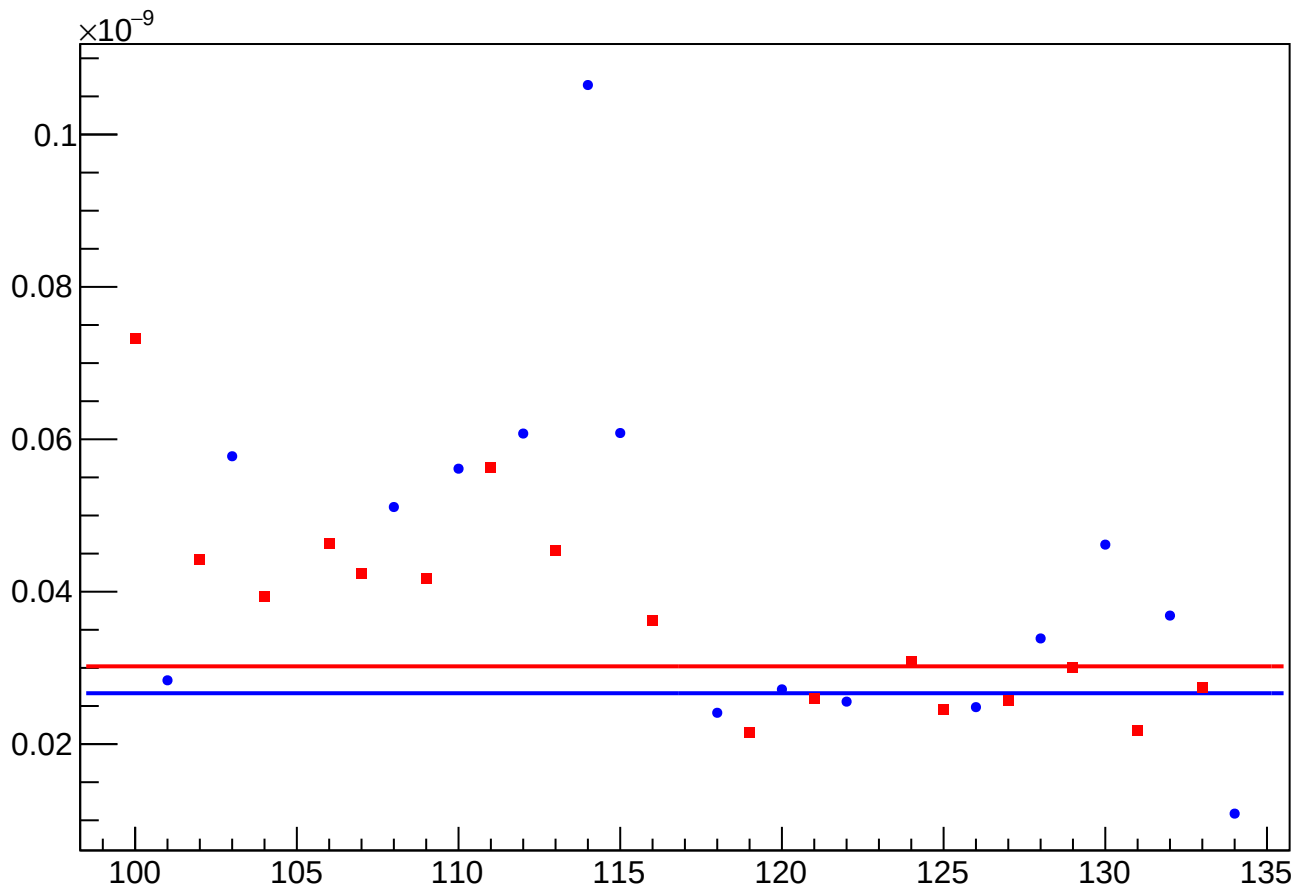
Right: 0.000+/-0.000 χ^2/NDF : 34.2/31

In: 0.000+/-0.000 χ^2/NDF : 16.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/31

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1260761.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533252.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

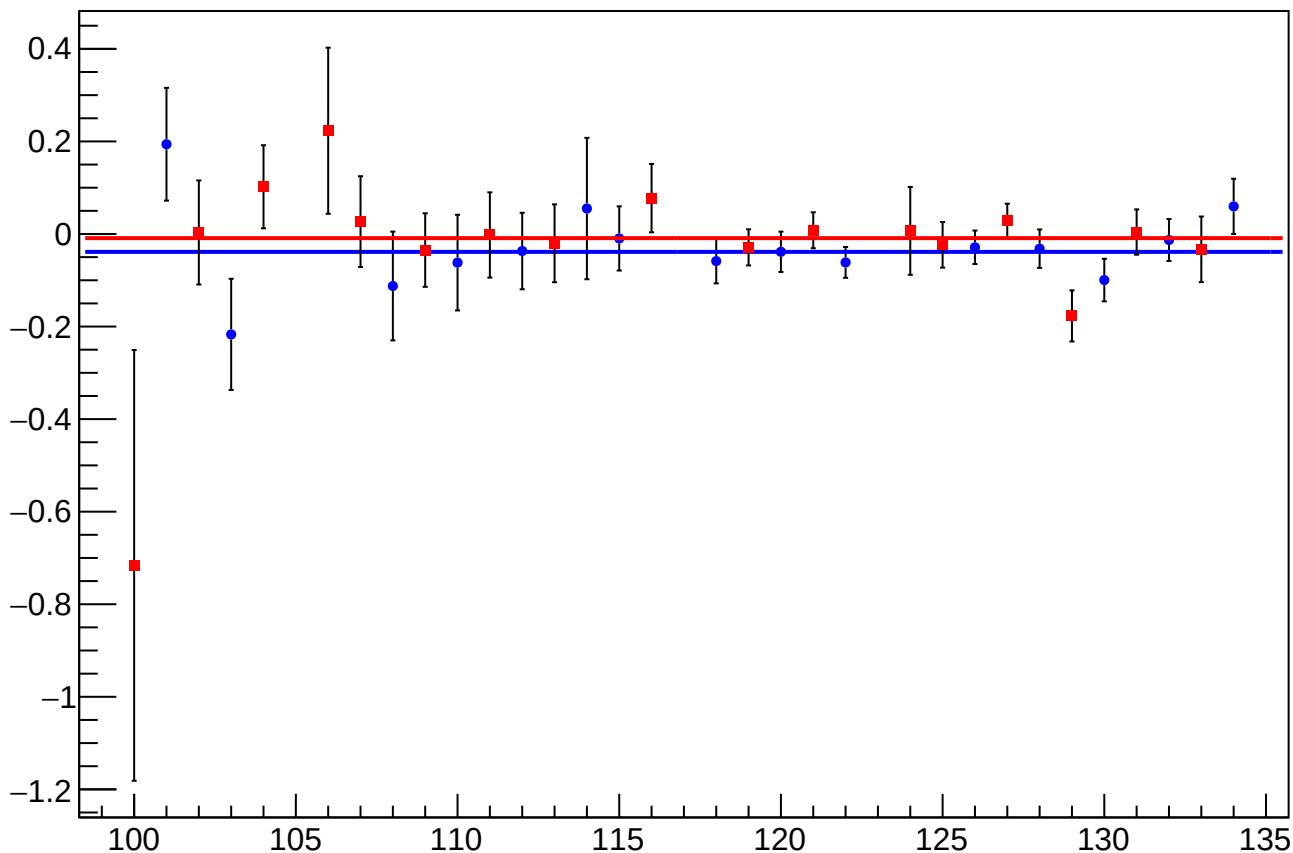
Right: 0.000+/-0.000 χ^2/NDF : 1834895.8/31

In: 0.000+/-0.000 χ^2/NDF : 1260761.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1834895.8/31

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 $\pm$ 0.014 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.015 χ^2 /NDF: 18.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

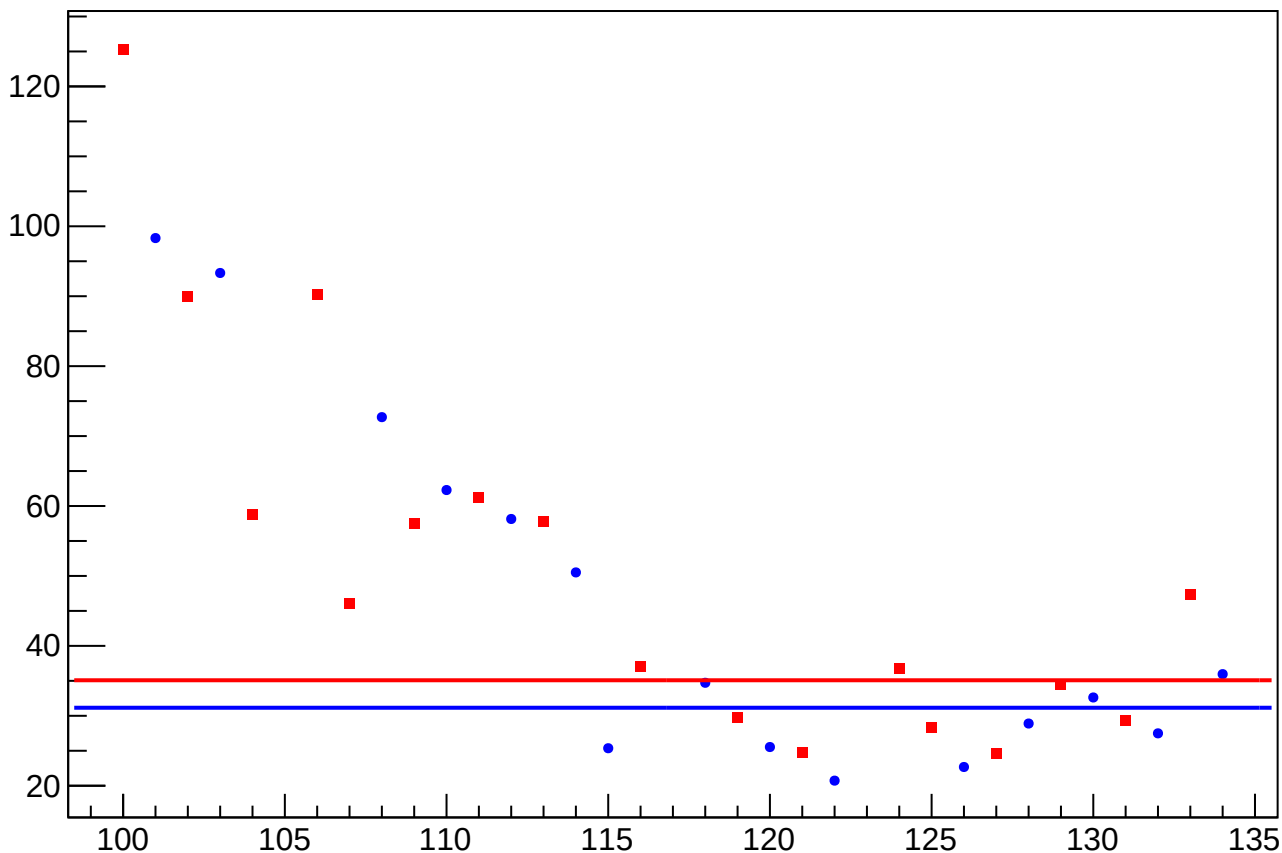
Right: -0.025 $\pm$ 0.010 χ^2 /NDF: 32.7/31

In: -0.039 $\pm$ 0.014 χ^2 /NDF:12.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.010 χ^2 /NDF: 32.7/31

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.153+/-0.010 χ^2/NDF : 2218097.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.082+/-0.011 χ^2/NDF : 1835597.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

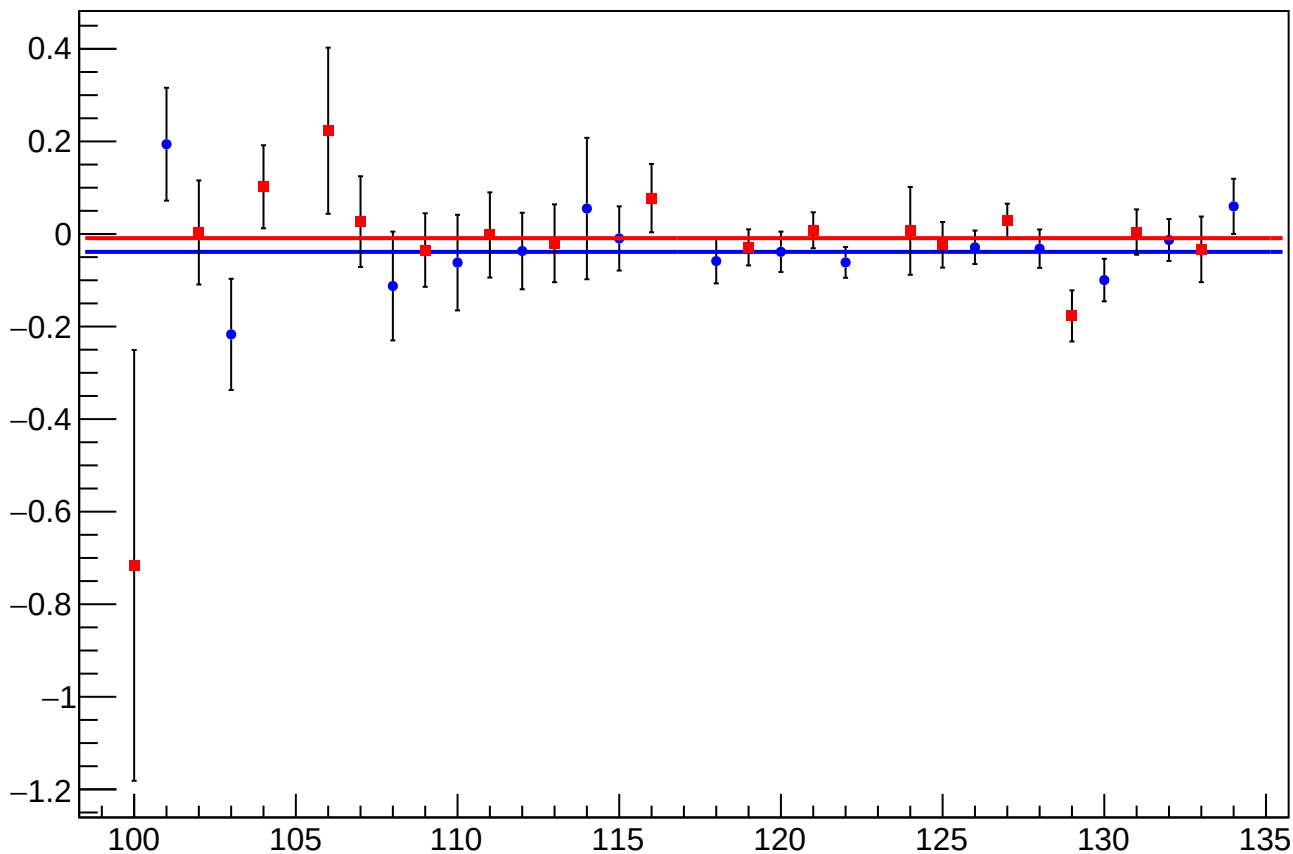
Right: 32.976+/-0.007 χ^2/NDF : 4127388.4/31

In: 31.153+/-0.010 χ^2/NDF :2218097.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.976+/-0.007 χ^2/NDF : 4127388.4/31

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.014 χ^2/NDF : 12.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.015 χ^2/NDF : 18.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

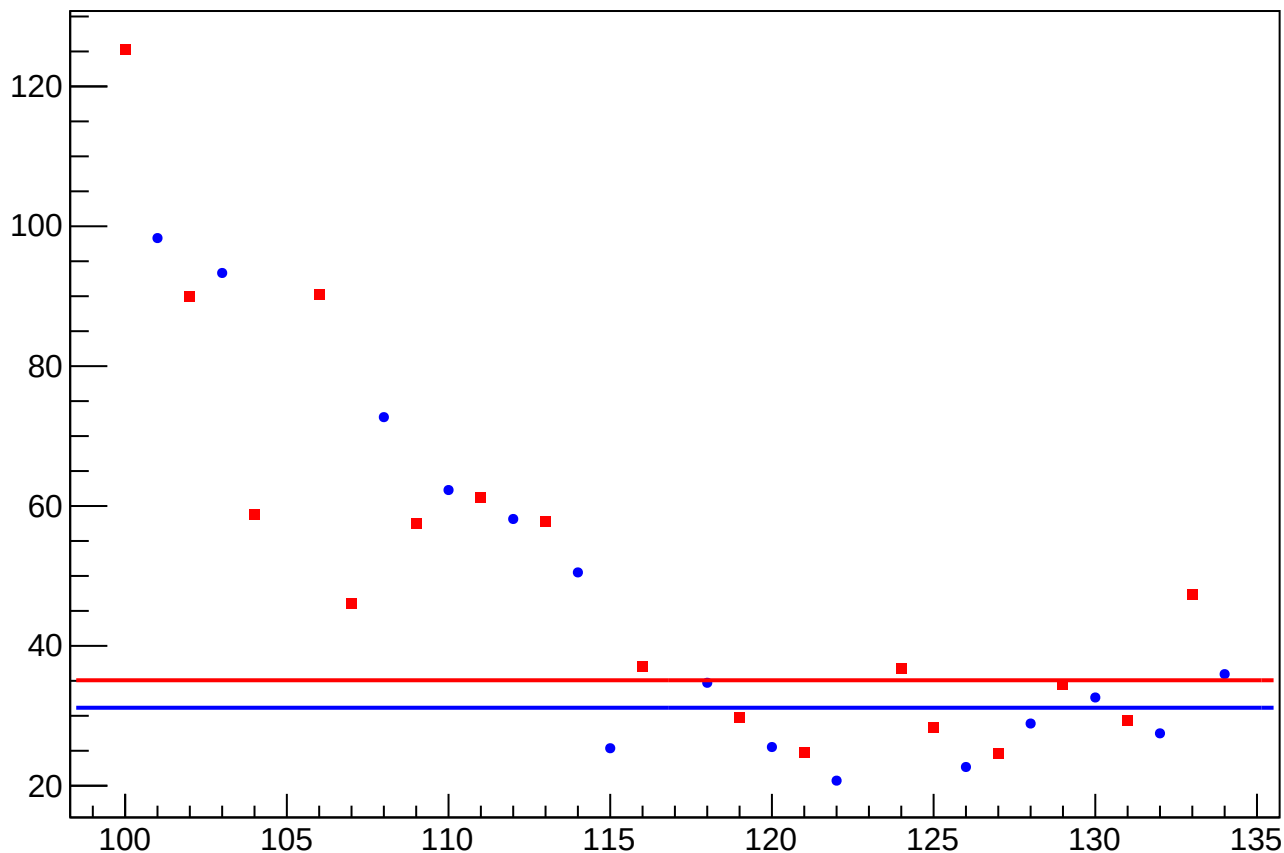
Right: -0.025 ± 0.010 χ^2/NDF : 32.7/31

In: -0.039 ± 0.014 χ^2/NDF : 12.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.010 χ^2/NDF : 32.7/31

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.153+/-0.010 χ^2/NDF : 2218097.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.082+/-0.011 χ^2/NDF : 1835597.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

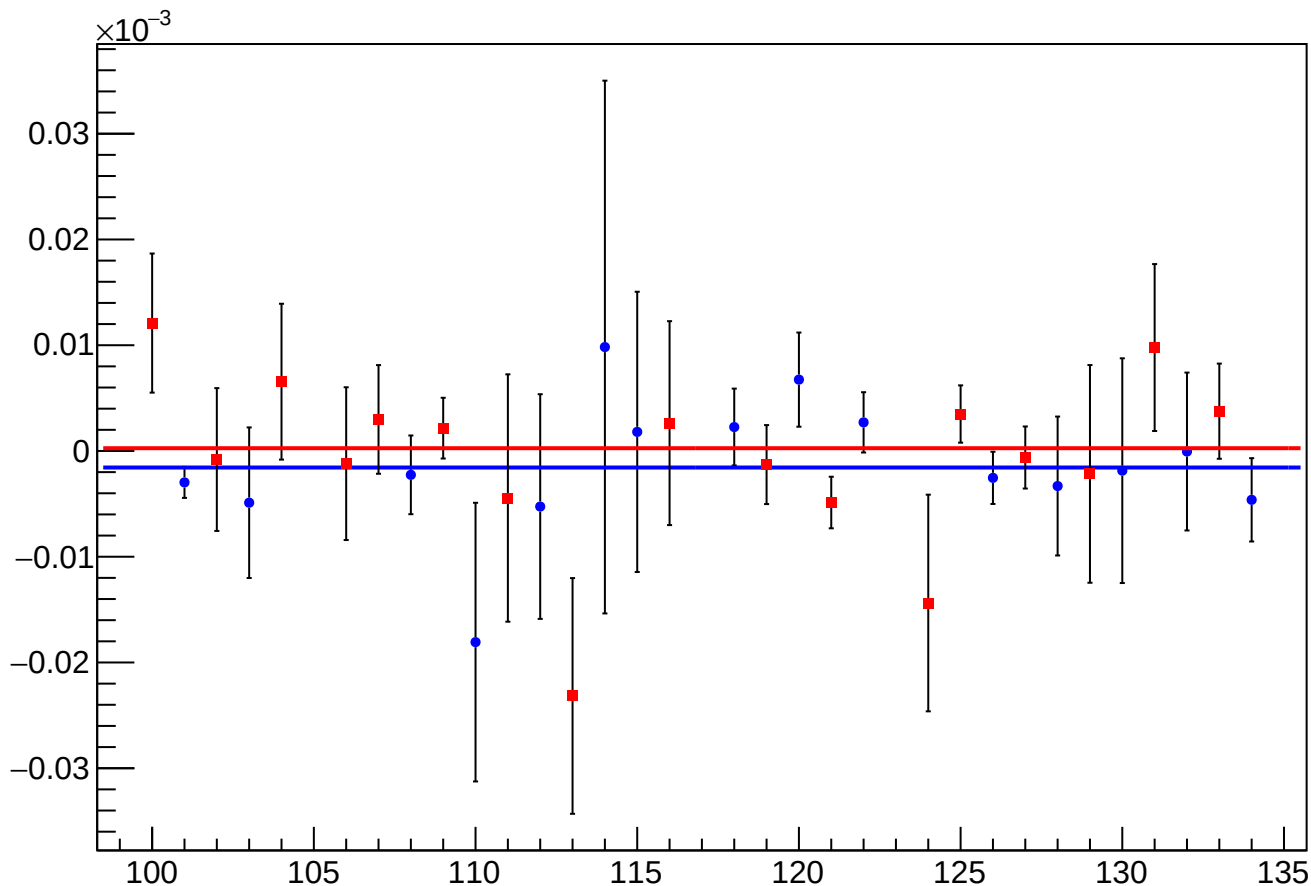
Right: 32.976+/-0.007 χ^2/NDF : 4127388.4/31

In: 31.153+/-0.010 χ^2/NDF :2218097.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.976+/-0.007 χ^2/NDF : 4127388.4/31

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

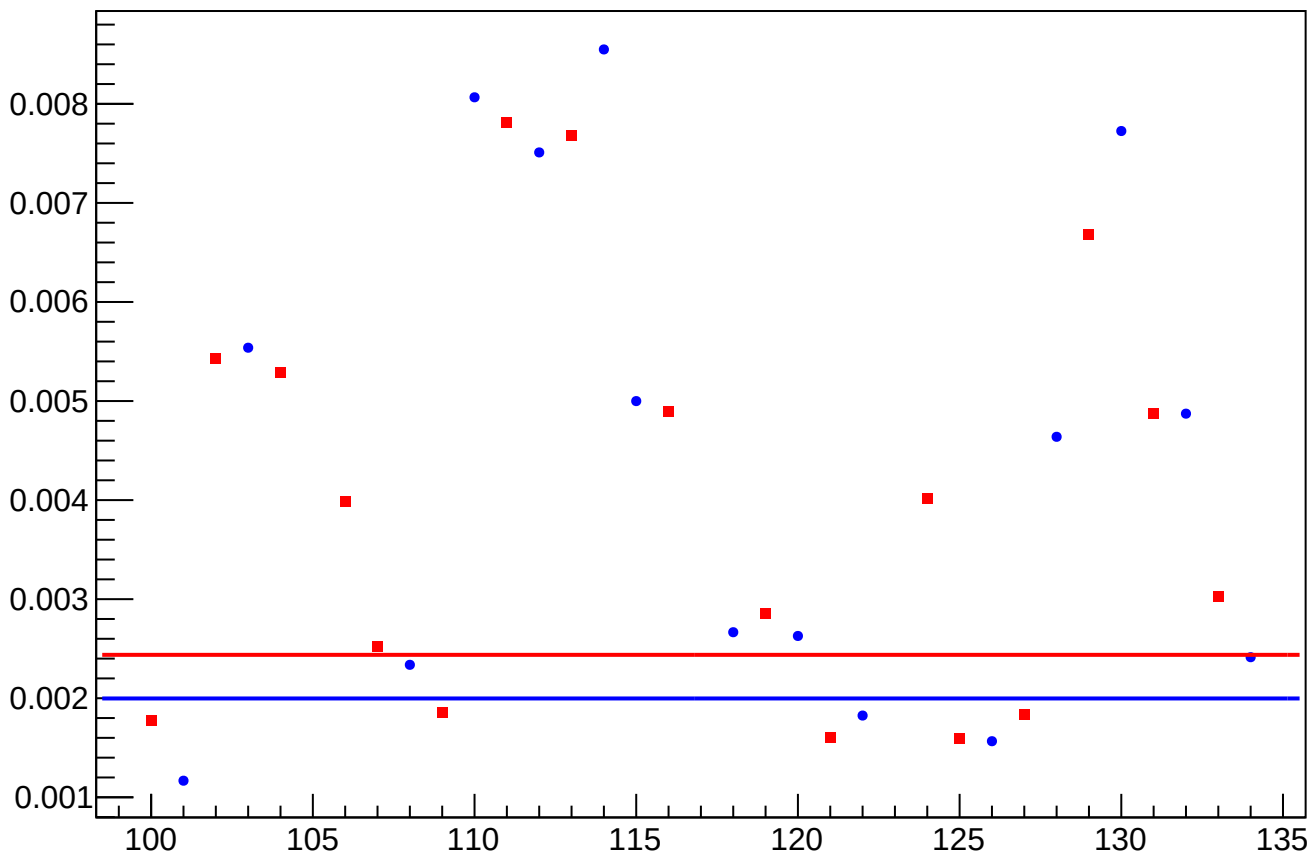
Right: -0.000+/-0.000 χ^2/NDF : 32.1/31

In: -0.000+/-0.000 χ^2/NDF : 10.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.1/31

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3754217.7/14

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 3034064.1/16

Left 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 : 6974090.1/31

In: 0.002+/-0.000

χ^2/NDF :3754217.7/14

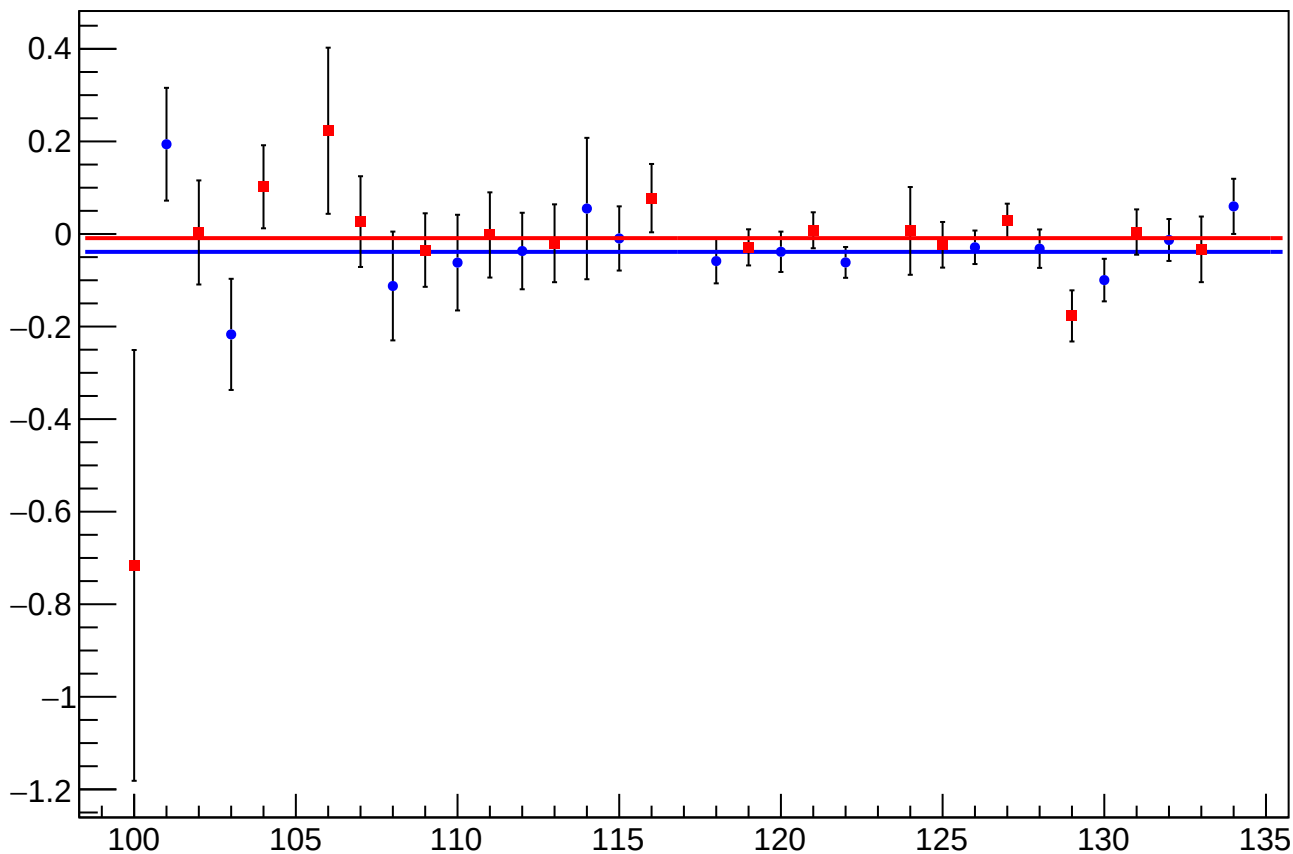
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6974090.1/31

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.014 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.015 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

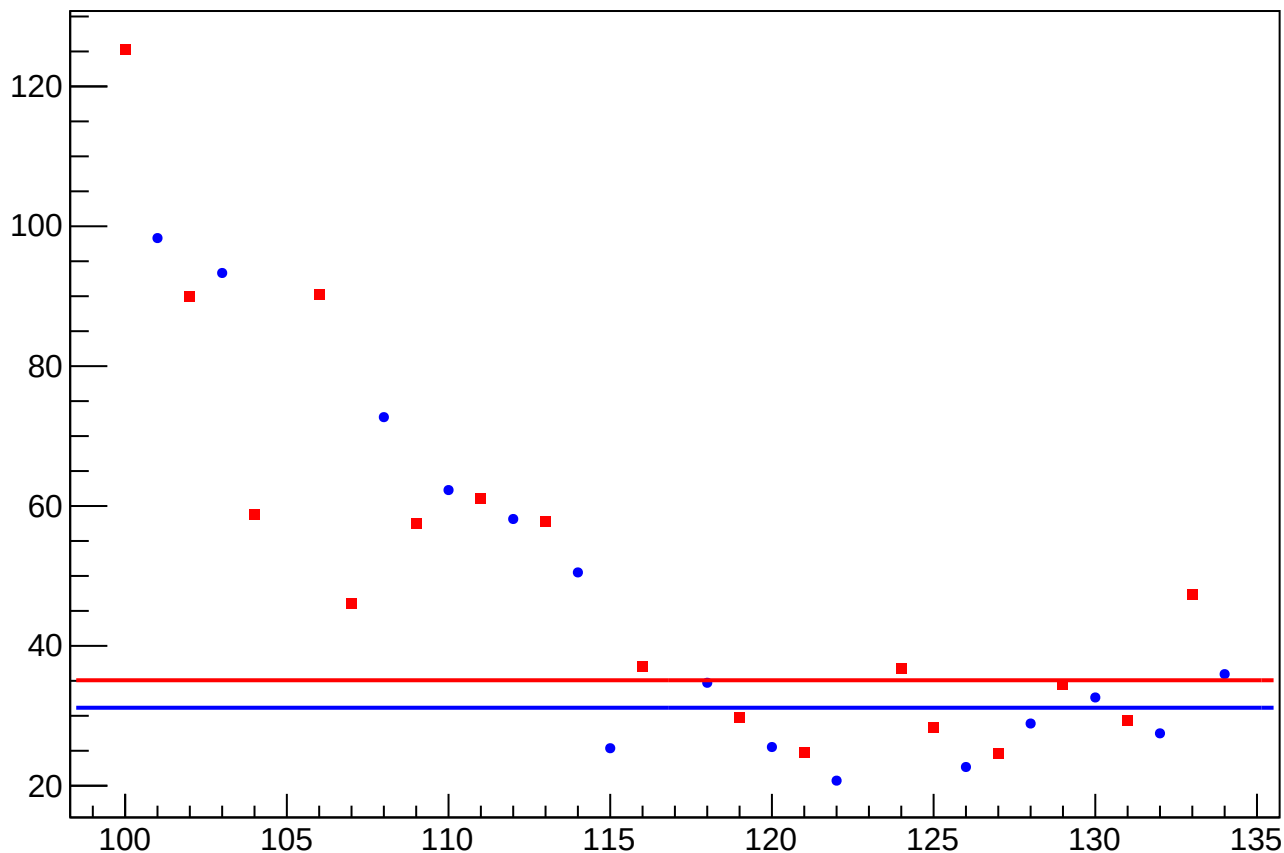
Right: -0.025+/-0.010 χ^2/NDF : 32.7/31

In: -0.039+/-0.014 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.010 χ^2/NDF : 32.7/31

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.153+/-0.010 χ^2/NDF : 2218073.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.083+/-0.011 χ^2/NDF : 1835490.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

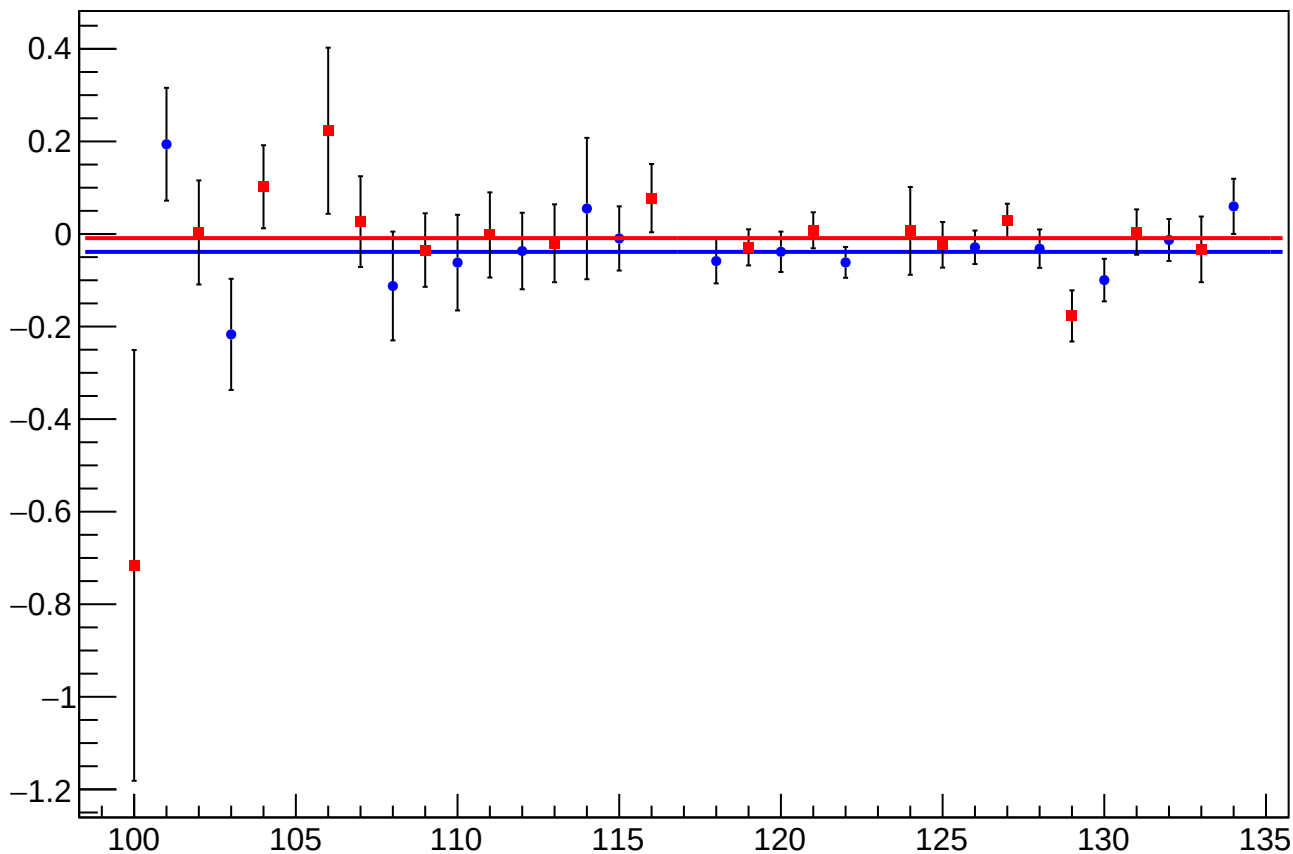
Right: 32.977+/-0.007 χ^2/NDF : 4127262.0/31

In: 31.153+/-0.010 χ^2/NDF : 2218073.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.977+/-0.007 χ^2/NDF : 4127262.0/31

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.014 χ^2/NDF : 12.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.015 χ^2/NDF : 18.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

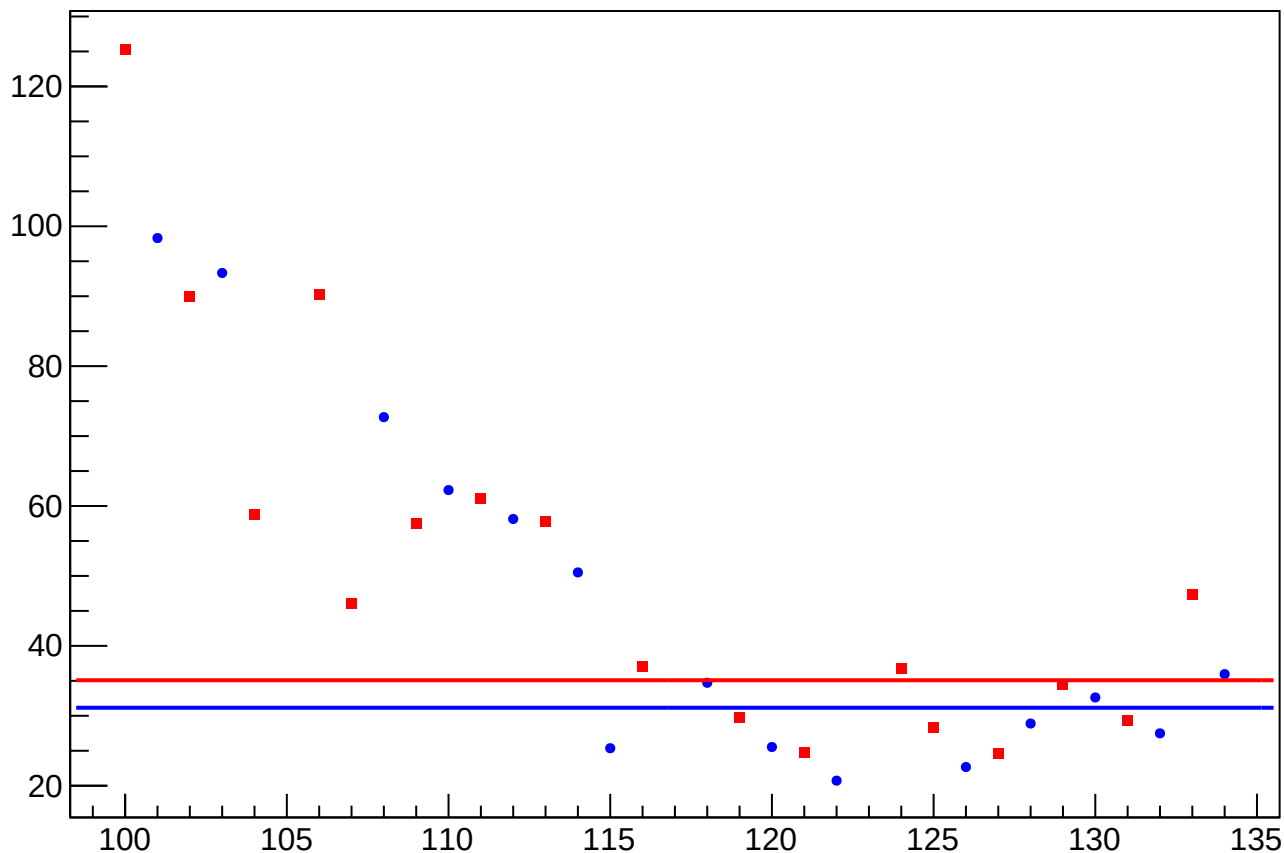
Right: -0.025 ± 0.010 χ^2/NDF : 32.7/31

In: -0.039 ± 0.014 χ^2/NDF : 12.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.010 χ^2/NDF : 32.7/31

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.153+/-0.010 χ^2/NDF : 2218073.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.083+/-0.011 χ^2/NDF : 1835490.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

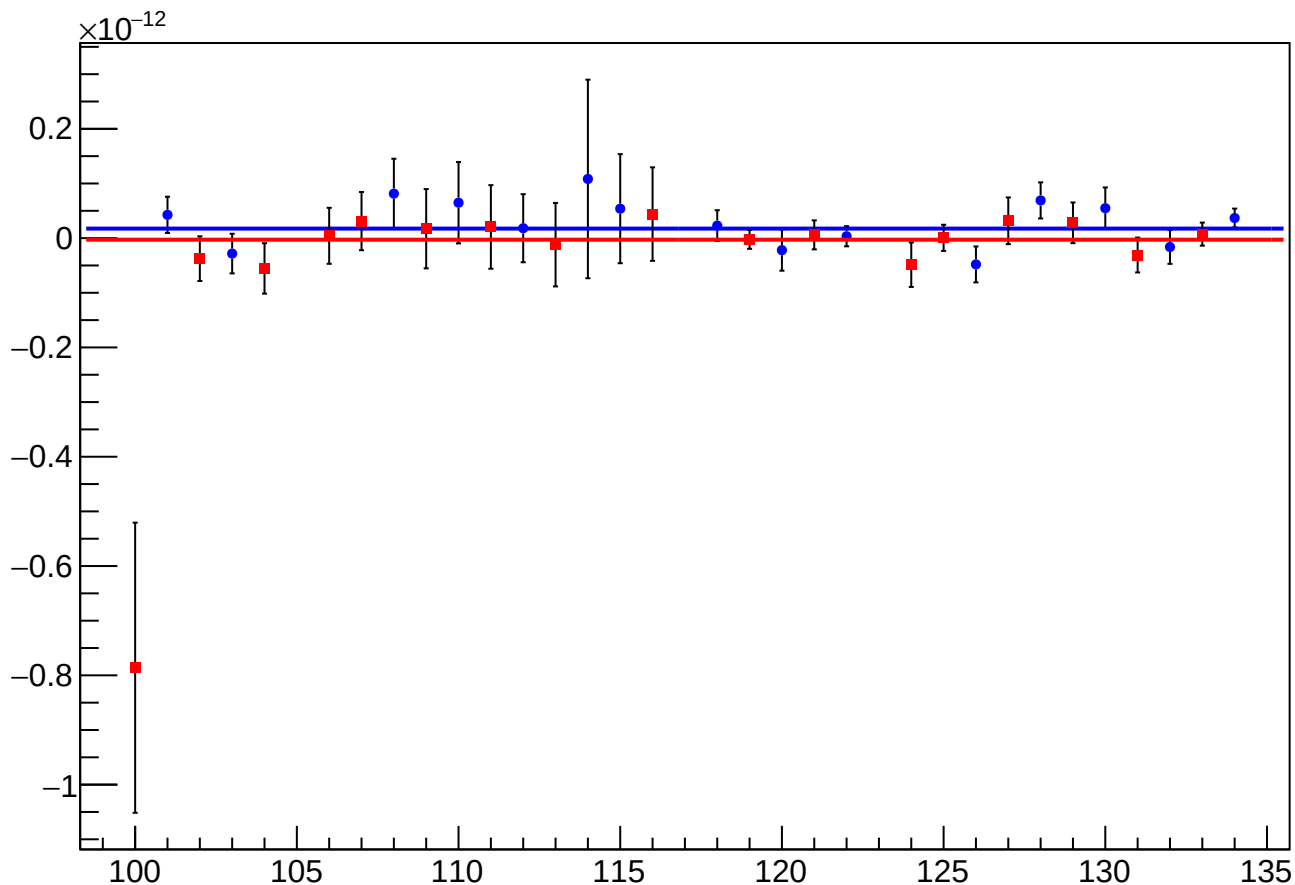
Right: 32.977+/-0.007 χ^2/NDF : 4127262.0/31

In: 31.153+/-0.010 χ^2/NDF : 2218073.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.977+/-0.007 χ^2/NDF : 4127262.0/31

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

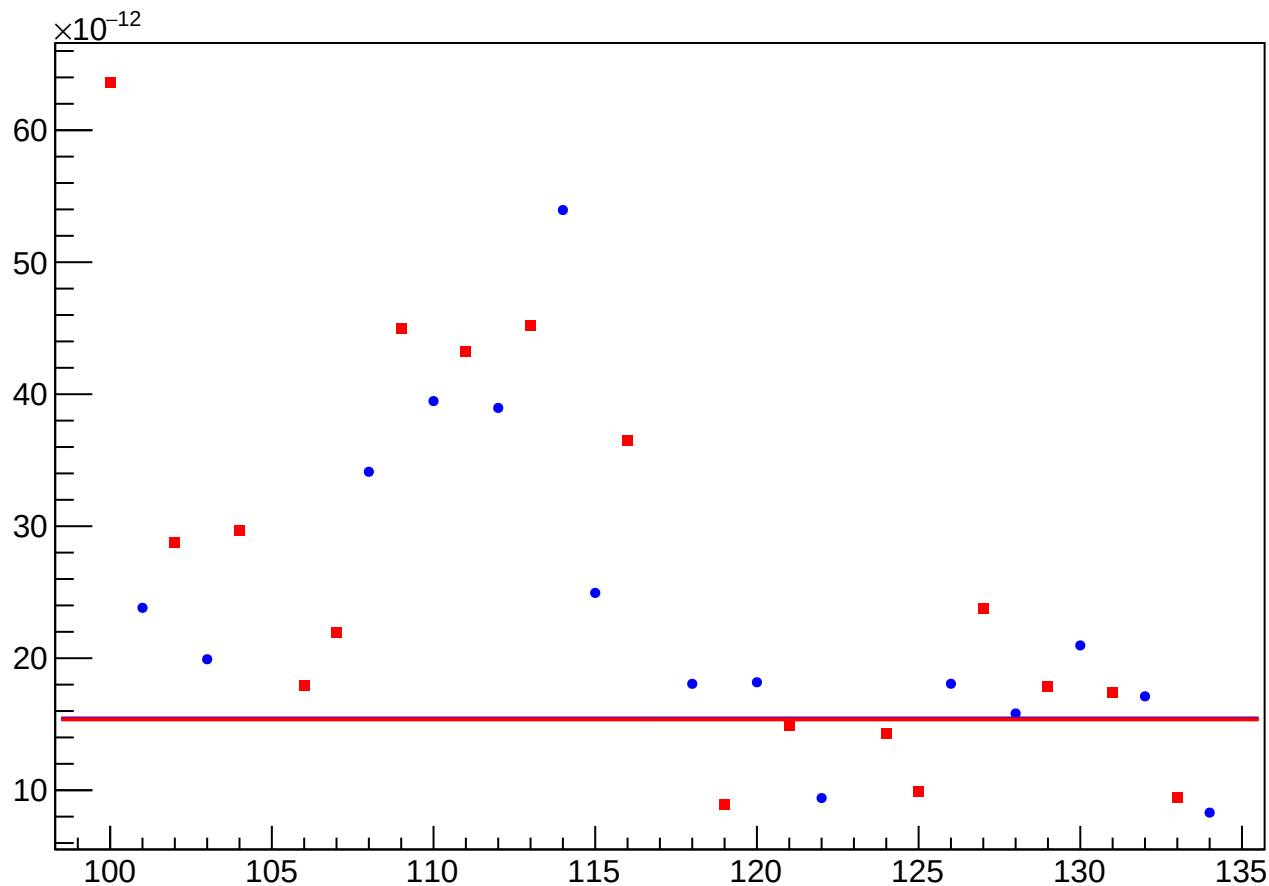
Right: 0.000+/-0.000 χ^2/NDF : 33.8/31

In: 0.000+/-0.000 χ^2/NDF : 15.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.8/31

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1578965.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2171041.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

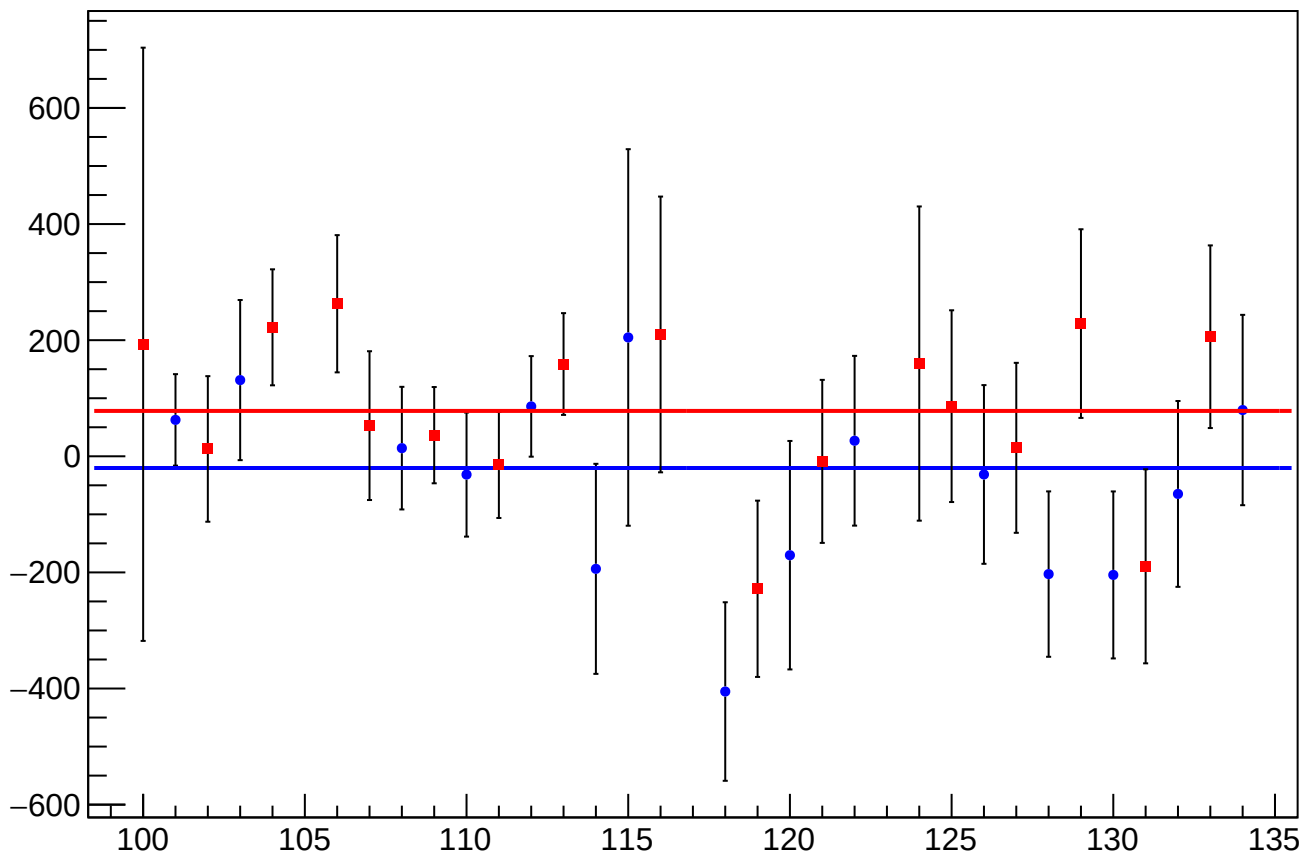
Right: 0.000+/-0.000 χ^2/NDF : 3750061.9/31

In: 0.000+/-0.000 χ^2/NDF : 1578965.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3750061.9/31

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -20.169+/-33.420 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.140+/-31.330 χ^2/NDF : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

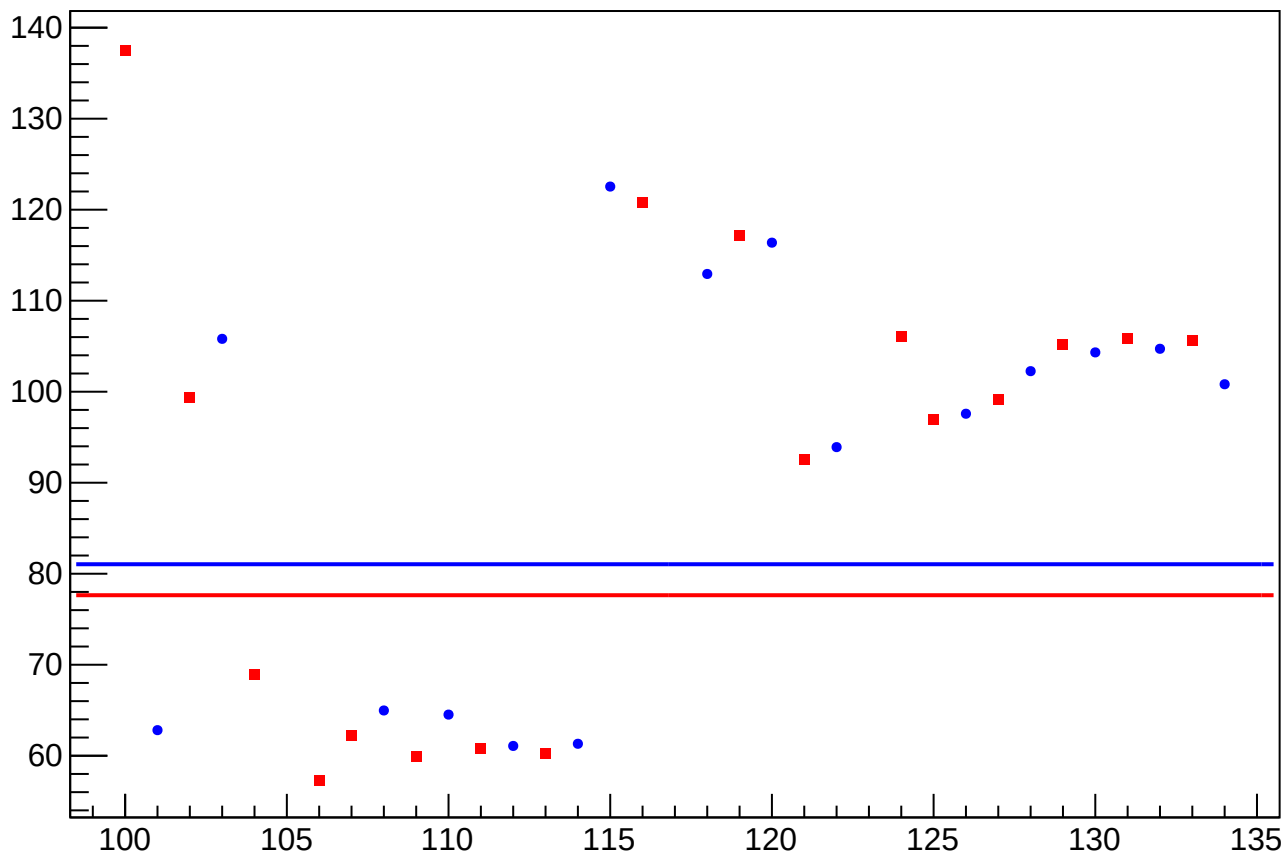
Right: 32.155+/-22.857 χ^2/NDF : 36.8/31

In: -20.169+/-33.420 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.155+/-22.857 χ^2/NDF : 36.8/31

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.043+/-0.024 χ^2/NDF : 787285.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.639+/-0.022 χ^2/NDF : 923059.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

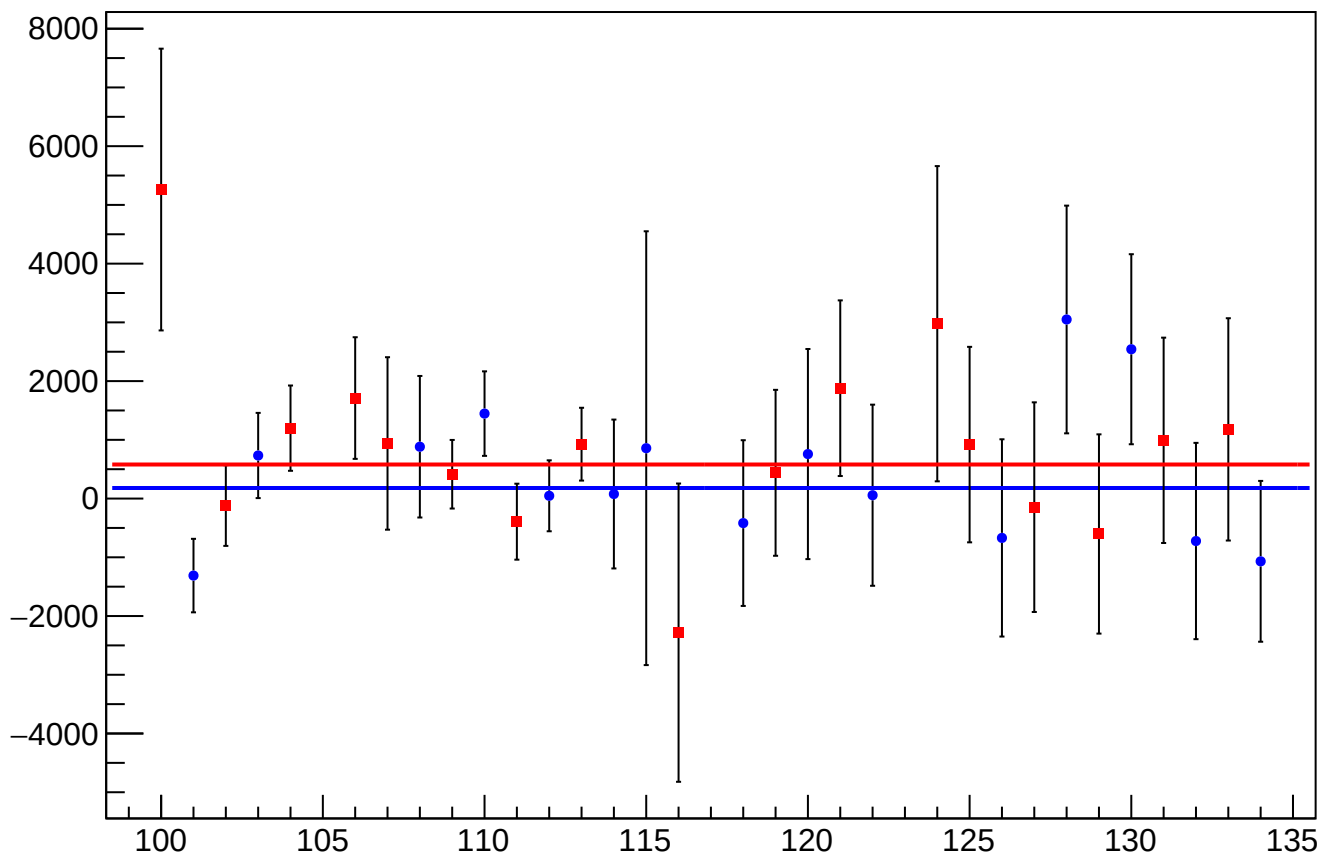
Right: 79.232+/-0.016 χ^2/NDF : 1721388.2/31

In: 81.043+/-0.024 χ^2/NDF : 787285.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.232+/-0.016 χ^2/NDF : 1721388.2/31

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 179.991 $\pm$ 270.762 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 579.989 $\pm$ 247.056 χ^2 /NDF: 13.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

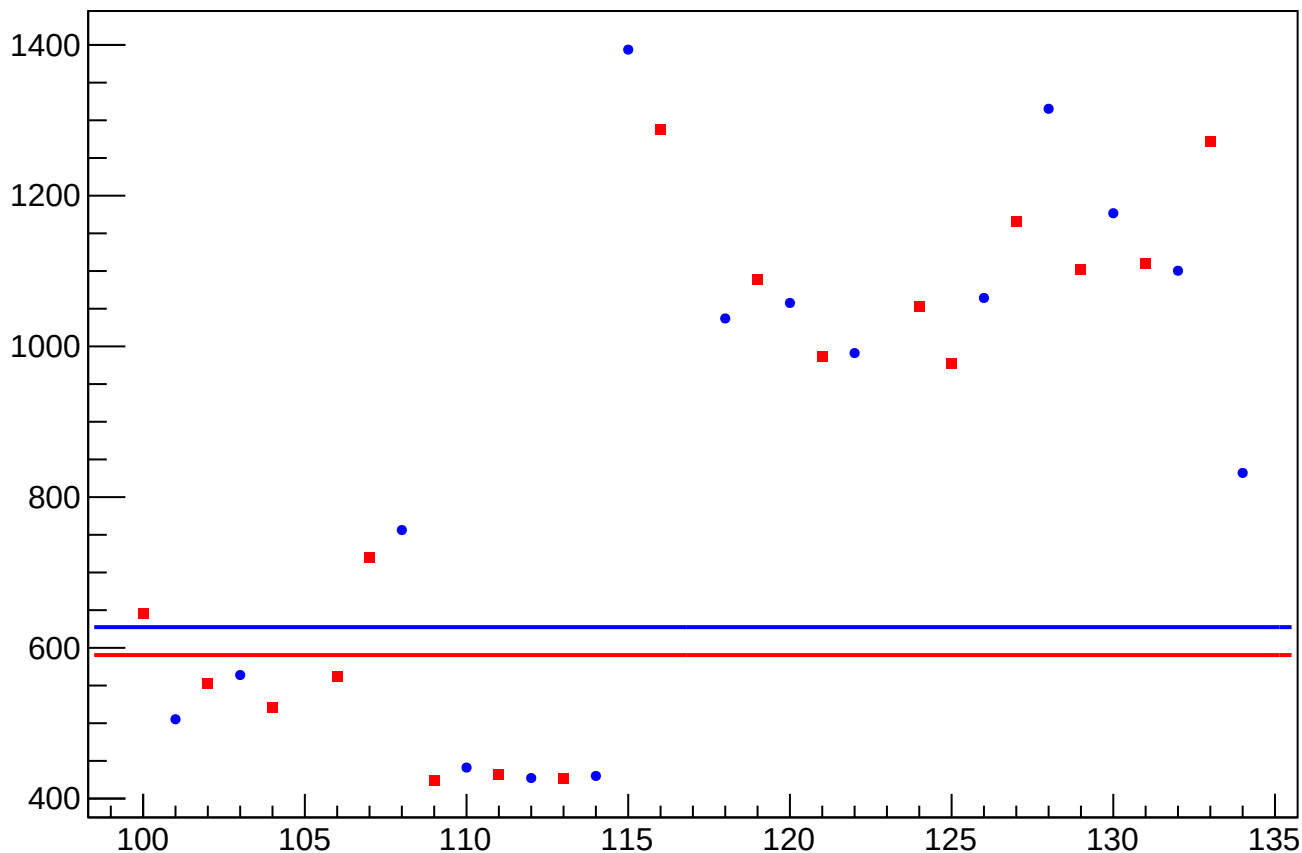
Right: 398.264 $\pm$ 182.501 χ^2 /NDF: 30.1/31

In: 179.991 $\pm$ 270.762 χ^2 /NDF: 15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 398.264 $\pm$ 182.501 χ^2 /NDF: 30.1/31

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 627.479+/-0.191 χ^2/NDF : 1820867.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 590.413+/-0.175 χ^2/NDF : 1997896.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

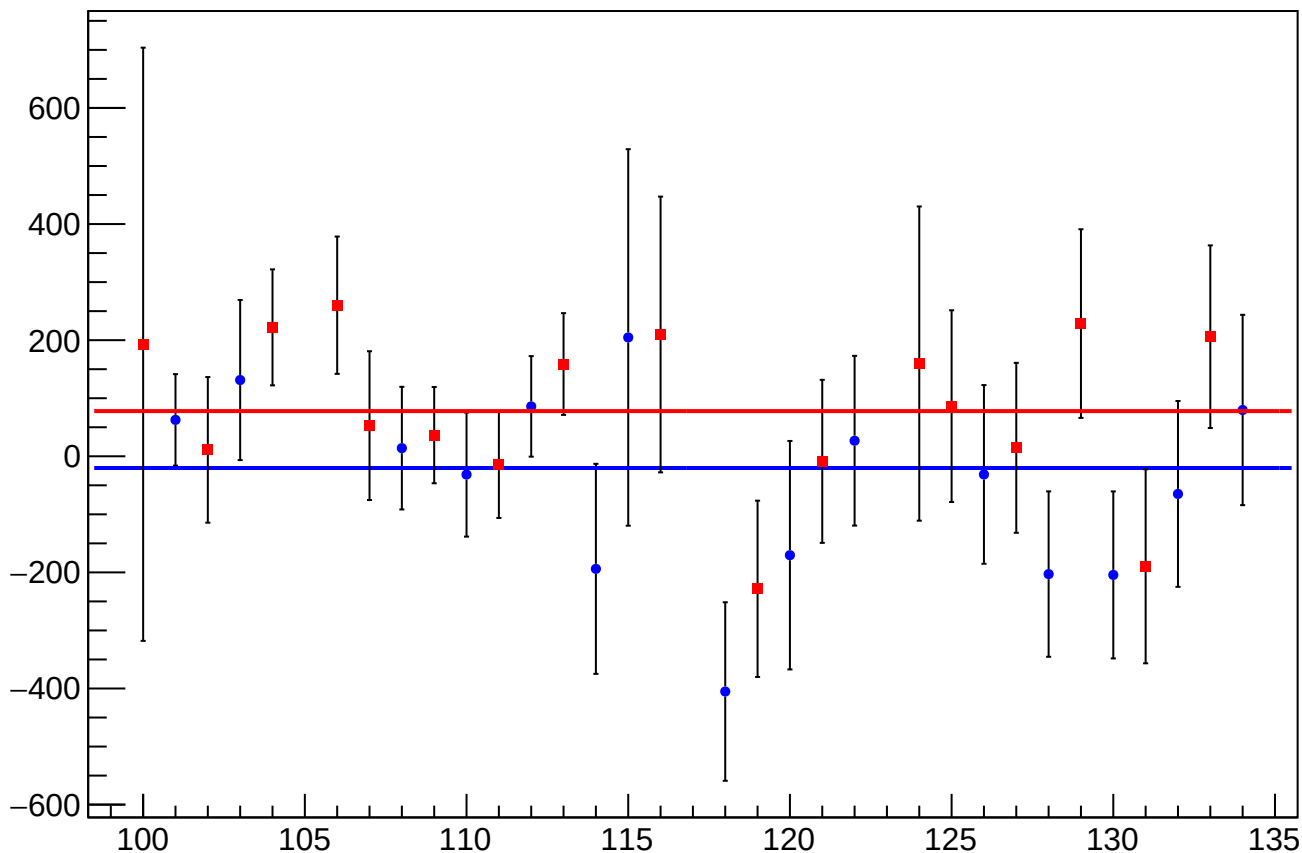
Right: 607.253+/-0.129 χ^2/NDF : 3839216.4/31

In: 627.479+/-0.191 χ^2/NDF : 1820867.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.253+/-0.129 χ^2/NDF : 3839216.4/31

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -20.174 ± 33.420 $\chi^2/\text{NDF}: 16.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.849 ± 31.332 $\chi^2/\text{NDF}: 16.1/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

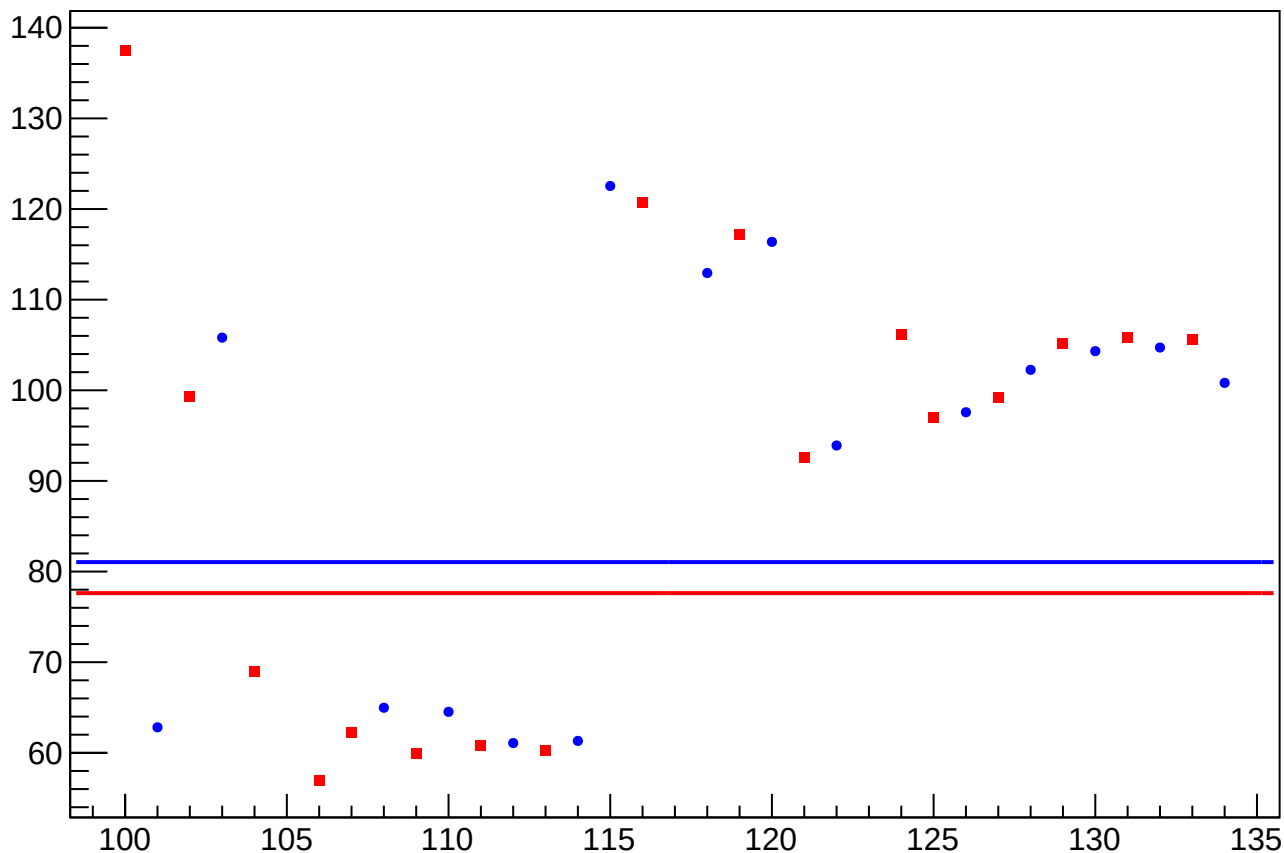
Right: 31.994 ± 22.858 $\chi^2/\text{NDF}: 36.7/31$

In: -20.174 ± 33.420 $\chi^2/\text{NDF}: 16.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.994 ± 22.858 $\chi^2/\text{NDF}: 36.7/31$

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.043+/-0.024 χ^2/NDF : 787288.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.619+/-0.022 χ^2/NDF : 925143.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

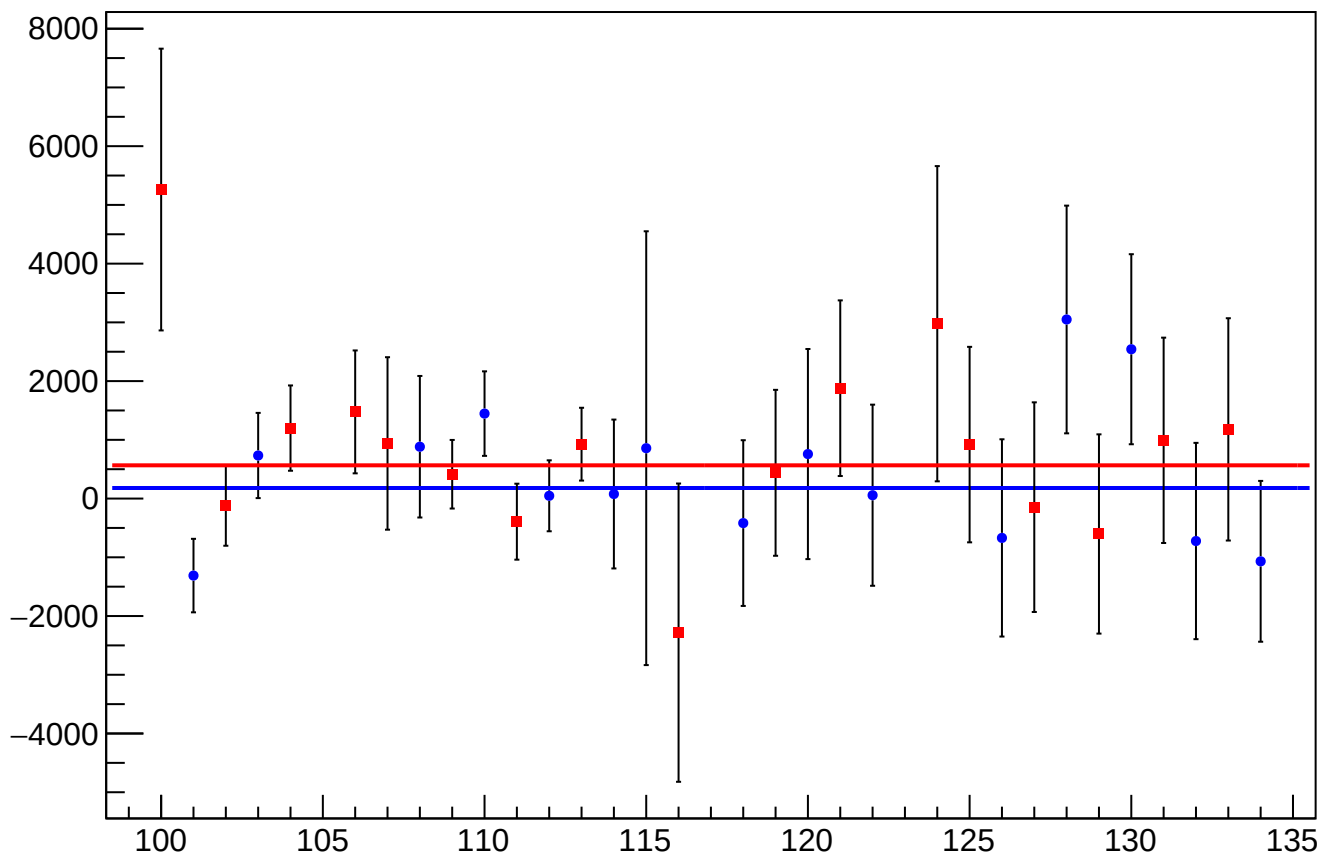
Right: 79.221+/-0.016 χ^2/NDF : 1723606.8/31

In: 81.043+/-0.024 χ^2/NDF : 787288.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.221+/-0.016 χ^2/NDF : 1723606.8/31

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 179.966 $\pm$ 270.765 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 566.119 $\pm$ 247.220 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

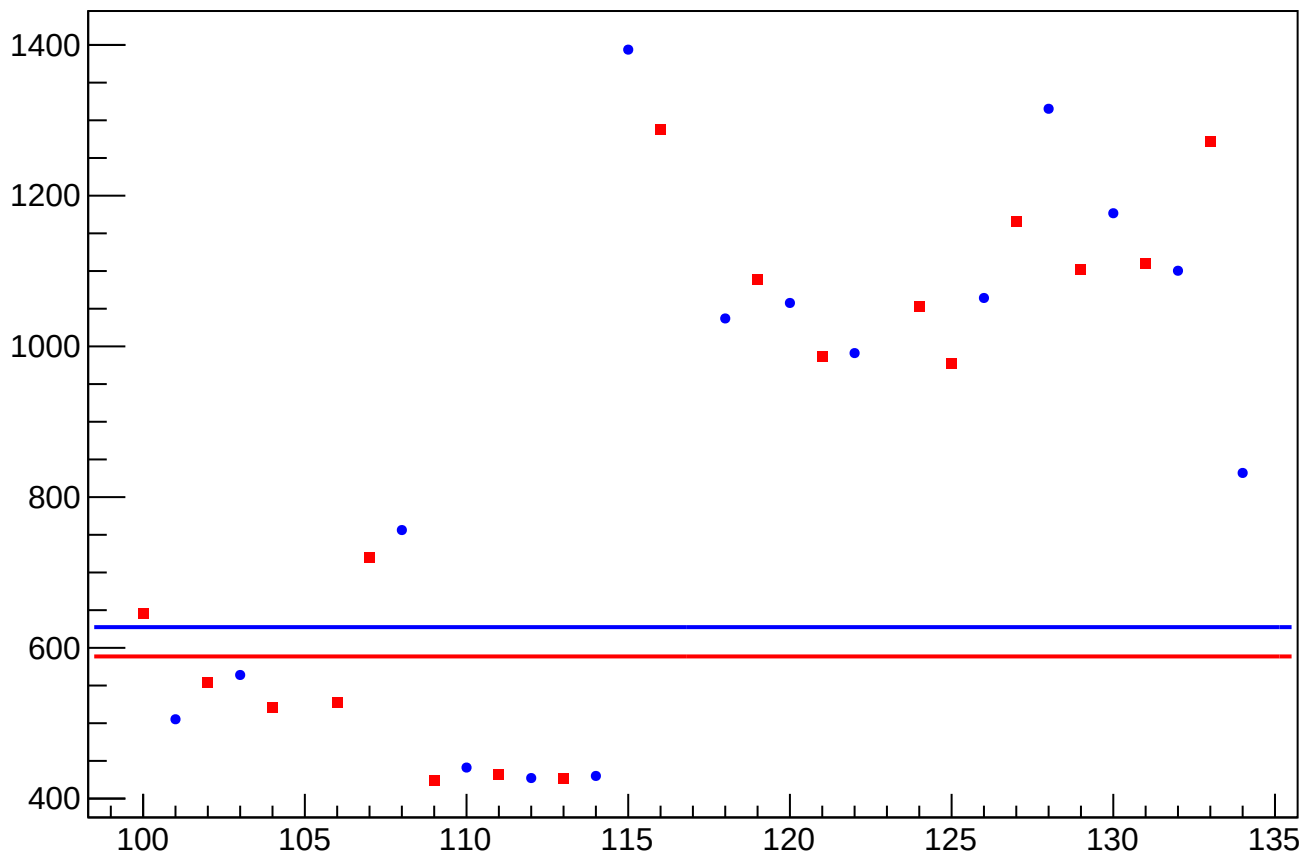
Right: 390.559 $\pm$ 182.569 χ^2 /NDF: 29.6/31

In: 179.966 $\pm$ 270.765 χ^2 /NDF:15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 390.559 $\pm$ 182.569 χ^2 /NDF: 29.6/31

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 627.488+/-0.191 χ^2/NDF : 1820835.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.596+/-0.175 χ^2/NDF : 2003362.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

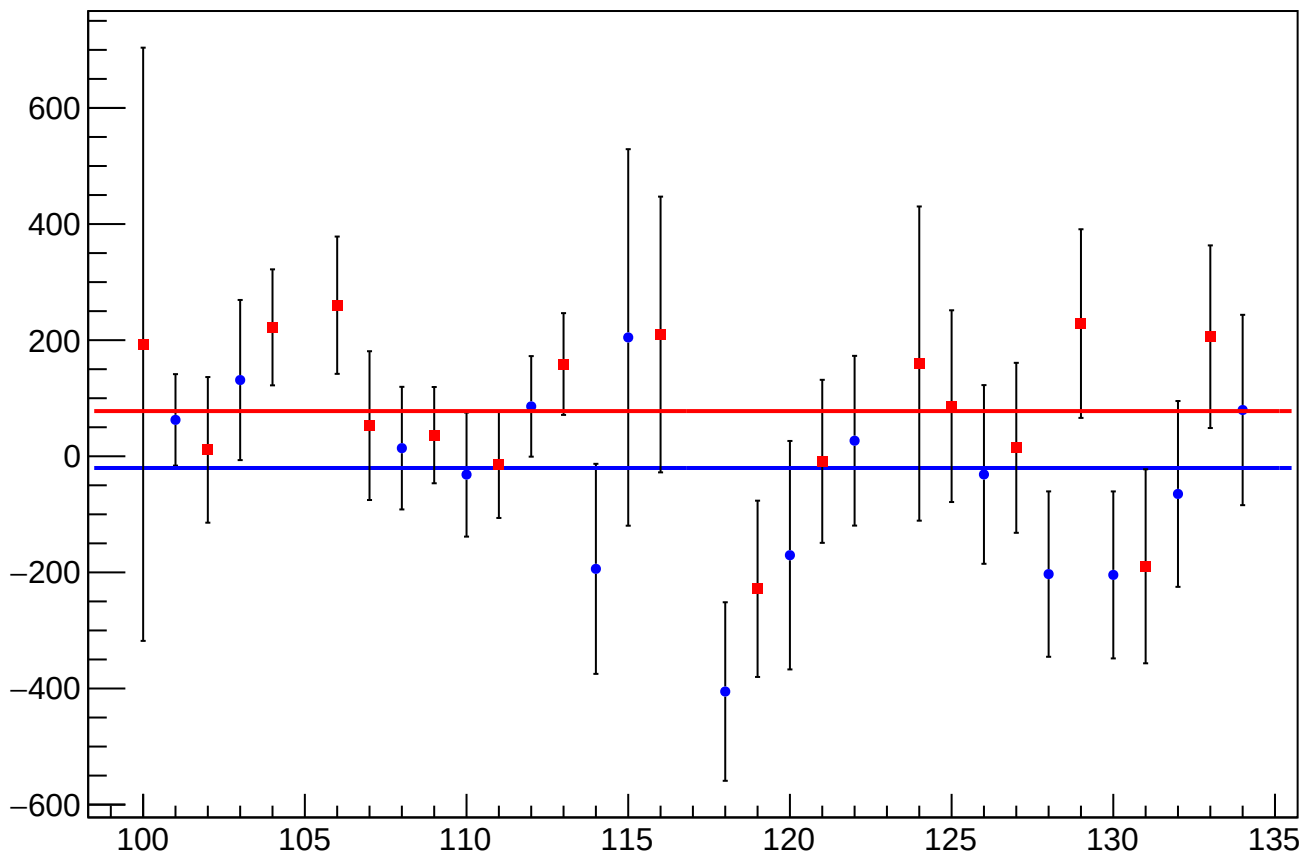
Right: 606.278+/-0.129 χ^2/NDF : 3846701.0/31

In: 627.488+/-0.191 χ^2/NDF : 1820835.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.278+/-0.129 χ^2/NDF : 3846701.0/31

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -20.174+/-33.420 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.849+/-31.332 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

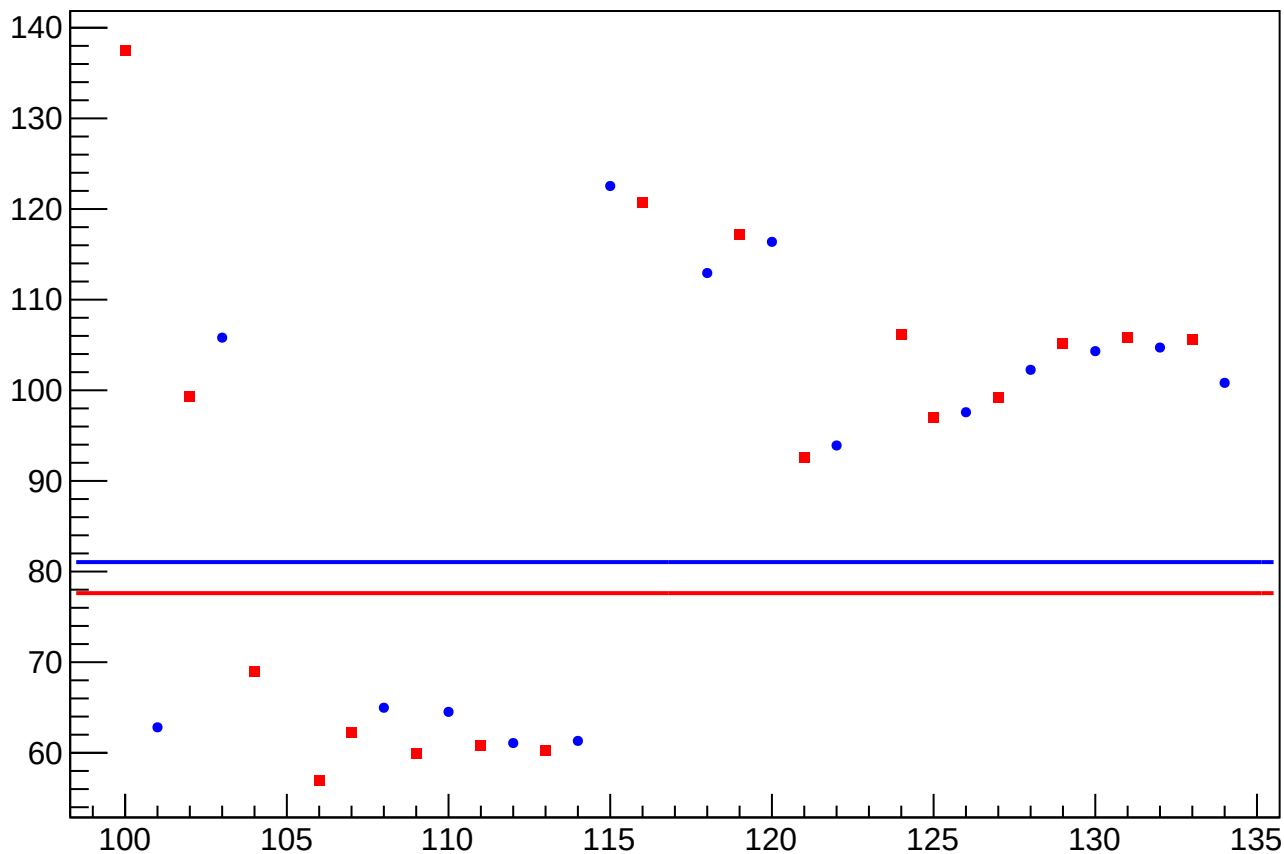
Right: 31.994+/-22.858 χ^2/NDF : 36.7/31

In: -20.174+/-33.420 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.994+/-22.858 χ^2/NDF : 36.7/31

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.043+/-0.024 χ^2/NDF : 787288.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.619+/-0.022 χ^2/NDF : 925143.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

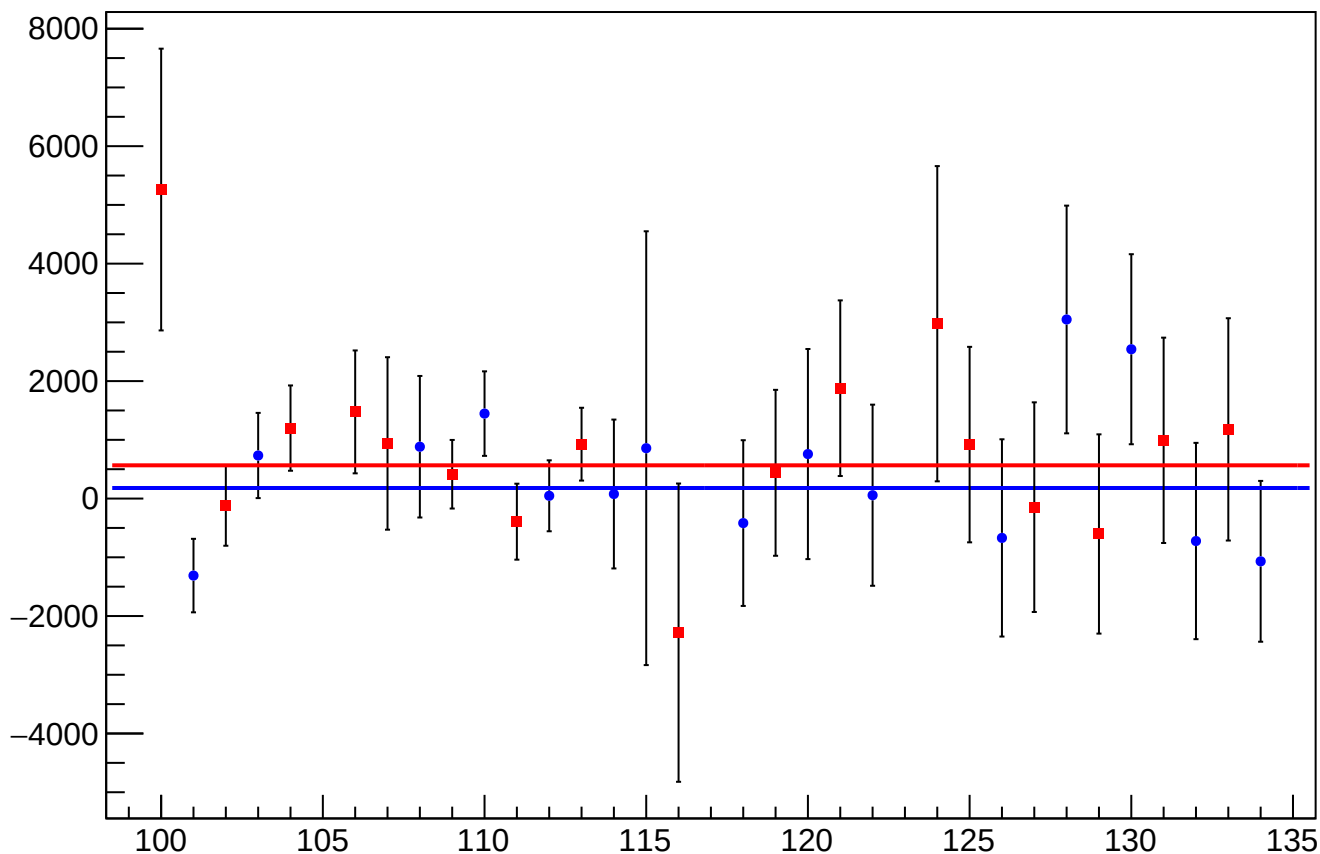
Right: 79.221+/-0.016 χ^2/NDF : 1723606.8/31

In: 81.043+/-0.024 χ^2/NDF : 787288.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.221+/-0.016 χ^2/NDF : 1723606.8/31

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 179.966 $\pm$ 270.765 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 566.119 $\pm$ 247.220 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

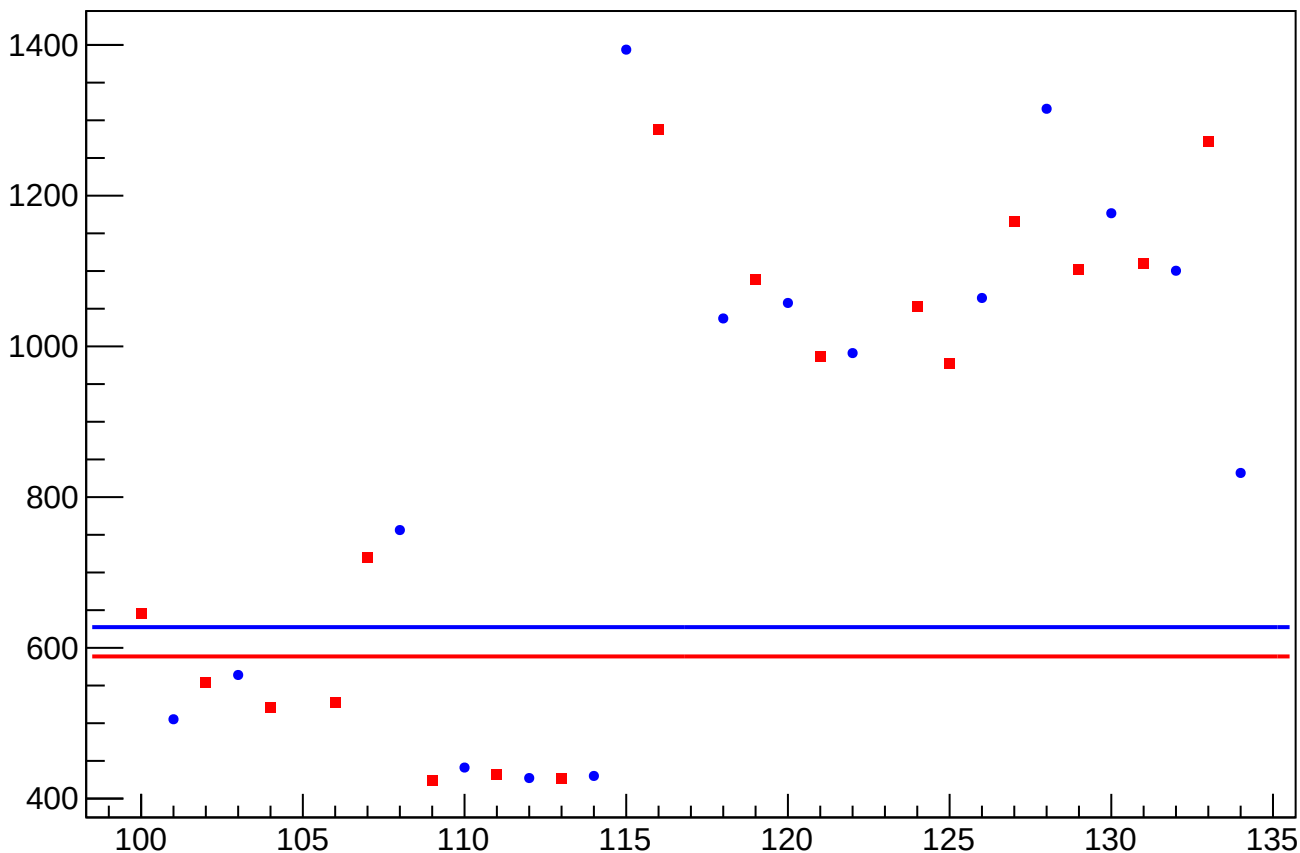
Right: 390.559 $\pm$ 182.569 χ^2 /NDF: 29.6/31

In: 179.966 $\pm$ 270.765 χ^2 /NDF: 15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 390.559 $\pm$ 182.569 χ^2 /NDF: 29.6/31

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 627.488+/-0.191 χ^2/NDF : 1820835.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.596+/-0.175 χ^2/NDF : 2003362.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

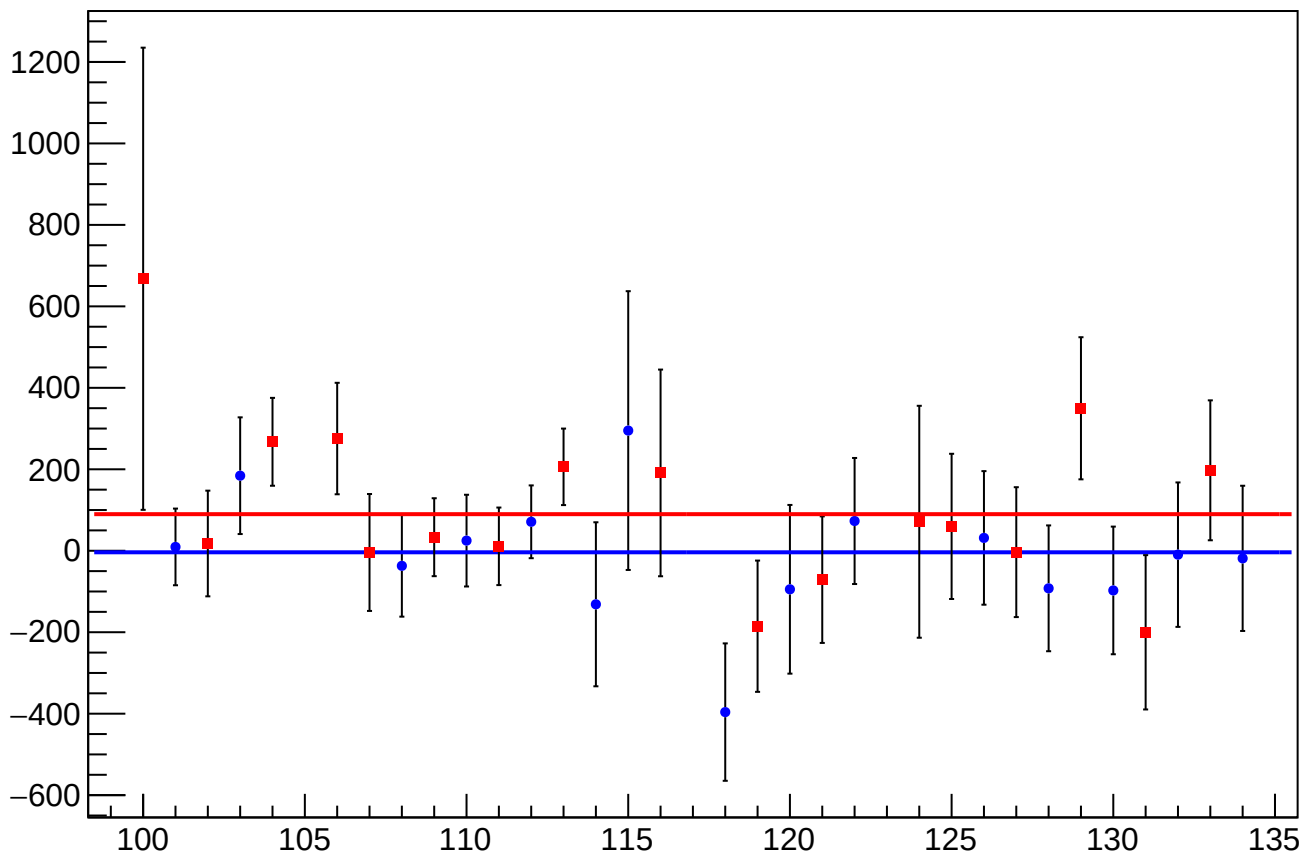
Right: 606.278+/-0.129 χ^2/NDF : 3846701.0/31

In: 627.488+/-0.191 χ^2/NDF : 1820835.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.278+/-0.129 χ^2/NDF : 3846701.0/31

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.775 ± 36.598 $\chi^2/\text{NDF}: 10.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 89.836 ± 34.165 $\chi^2/\text{NDF}: 18.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

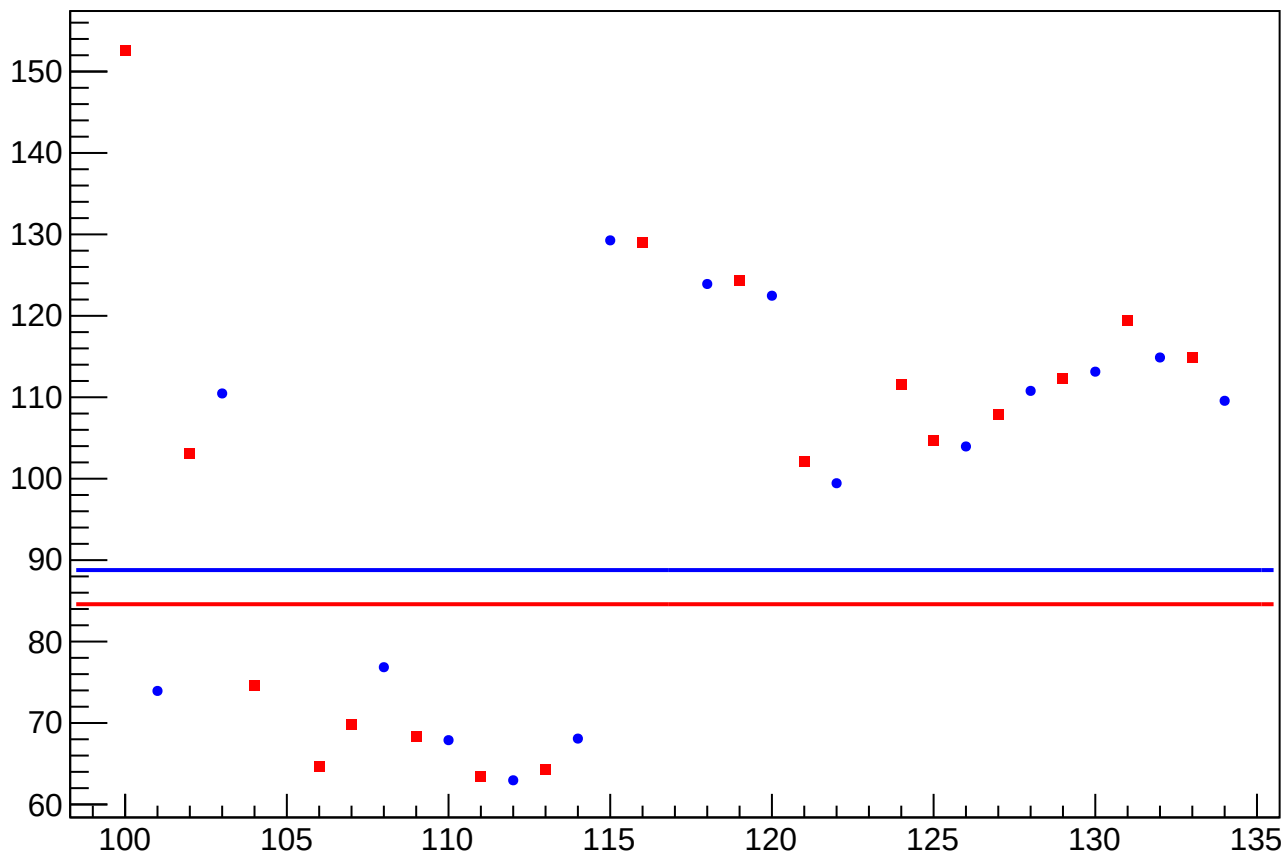
Right: 46.245 ± 24.974 $\chi^2/\text{NDF}: 32.2/31$

In: -3.775 ± 36.598 $\chi^2/\text{NDF}: 10.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 46.245 ± 24.974 $\chi^2/\text{NDF}: 32.2/31$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 88.778 $\pm$ 0.026 χ^2 /NDF: 724595.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 84.586 $\pm$ 0.024 χ^2 /NDF: 874778.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

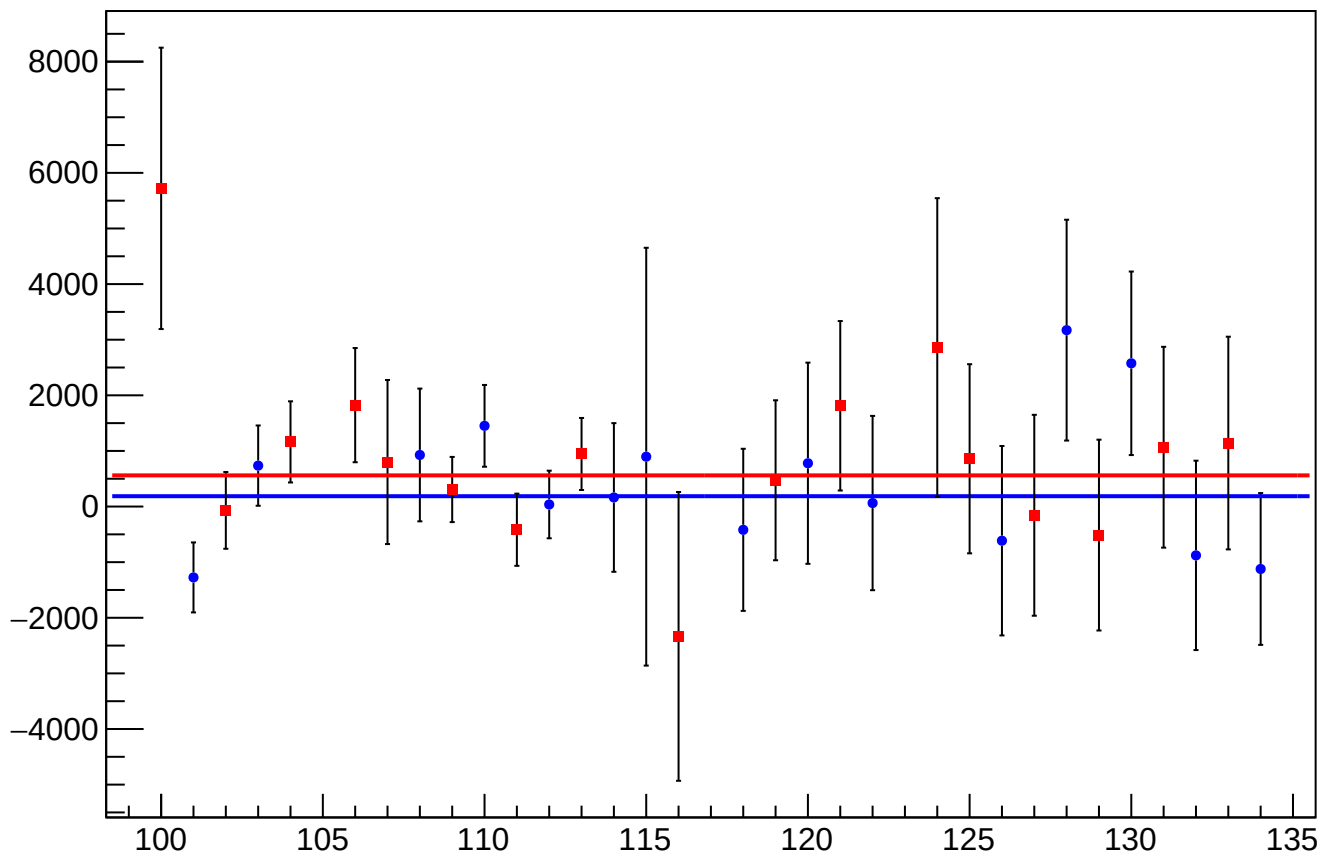
Right: 86.538 $\pm$ 0.018 χ^2 /NDF: 1613393.4/31

In: 88.778 $\pm$ 0.026 χ^2 /NDF: 724595.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.538 $\pm$ 0.018 χ^2 /NDF: 1613393.4/31

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 186.081 $\pm$ 273.513 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 560.509 $\pm$ 250.128 χ^2 /NDF: 13.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

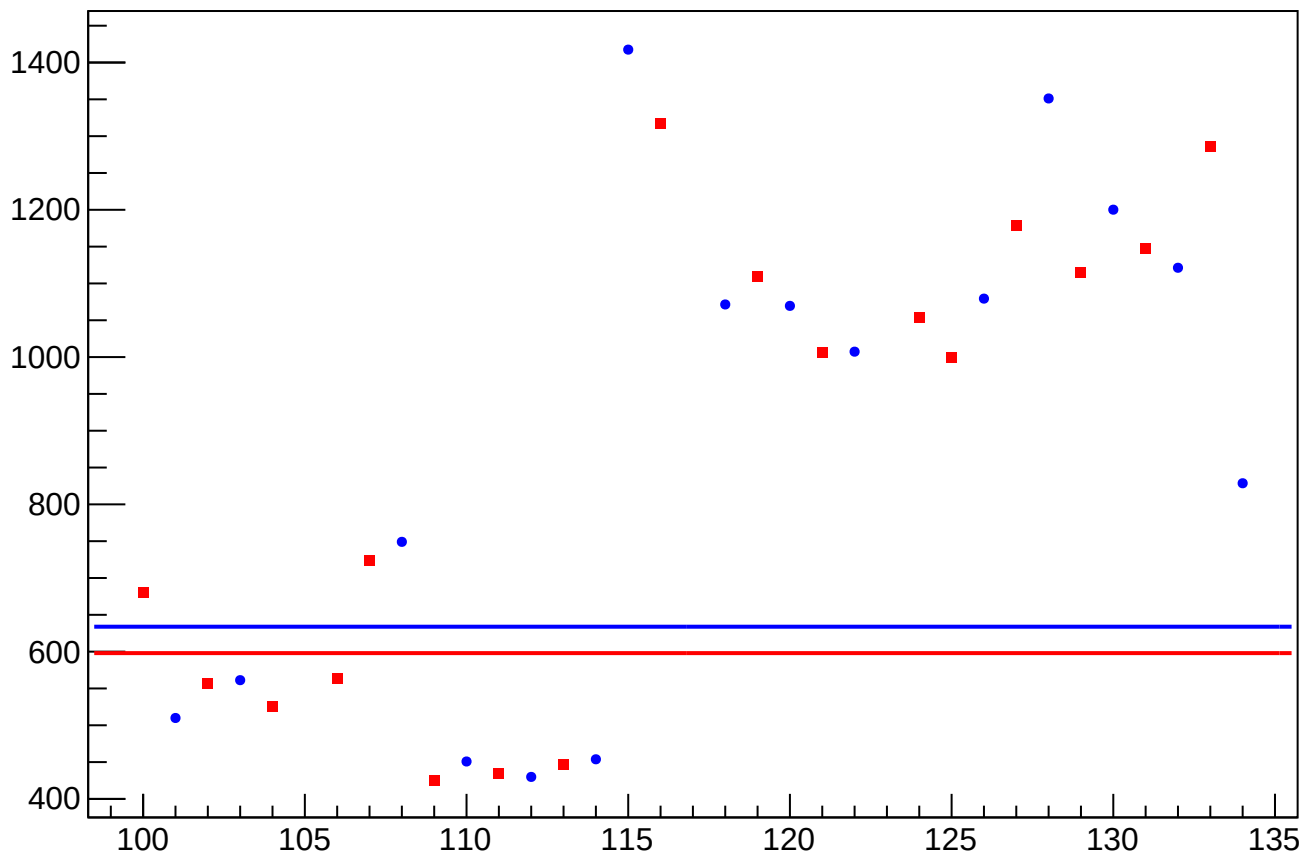
Right: 389.983 $\pm$ 184.582 χ^2 /NDF: 30.0/31

In: 186.081 $\pm$ 273.513 χ^2 /NDF:15.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 389.983 $\pm$ 184.582 χ^2 /NDF: 30.0/31

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 633.858+/-0.193 χ^2/NDF : 1837299.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 597.996+/-0.177 χ^2/NDF : 2007301.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

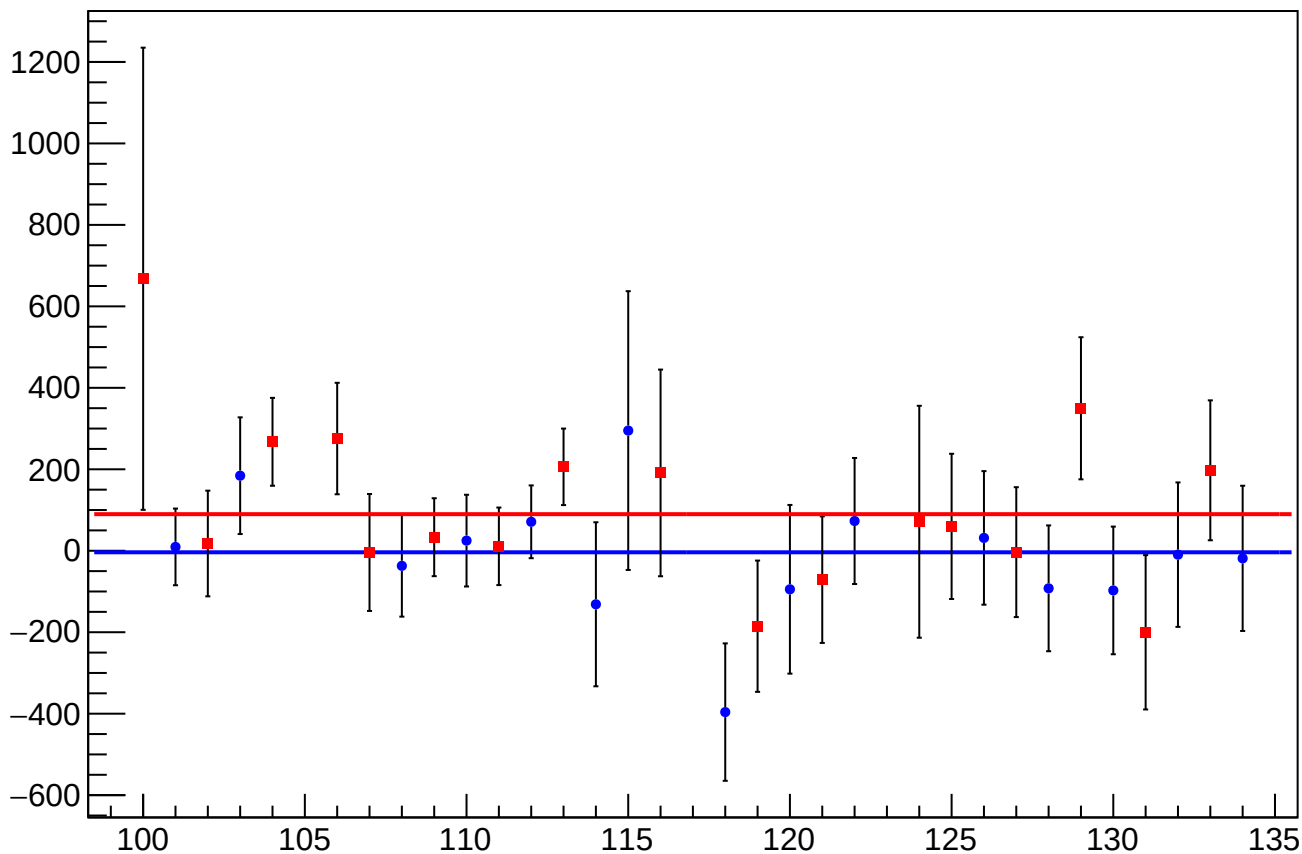
Right: 614.329+/-0.131 χ^2/NDF : 3863326.0/31

In: 633.858+/-0.193 χ^2/NDF : 1837299.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.329+/-0.131 χ^2/NDF : 3863326.0/31

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.775+/-36.598 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.835+/-34.165 χ^2/NDF : 18.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

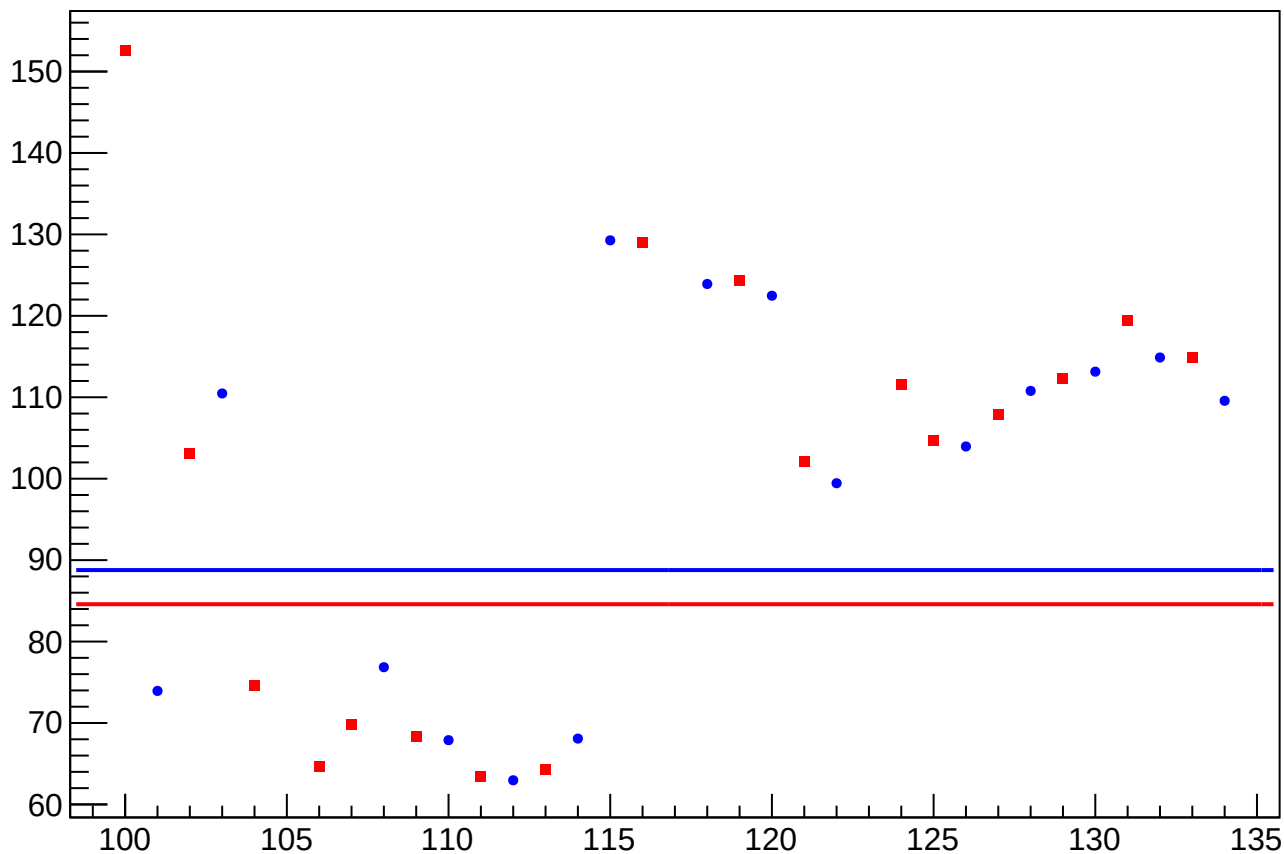
Right: 46.245+/-24.974 χ^2/NDF : 32.2/31

In: -3.775+/-36.598 χ^2/NDF : 10.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.245+/-24.974 χ^2/NDF : 32.2/31

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 88.778+/-0.026 χ^2/NDF : 724595.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.586+/-0.024 χ^2/NDF : 874780.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

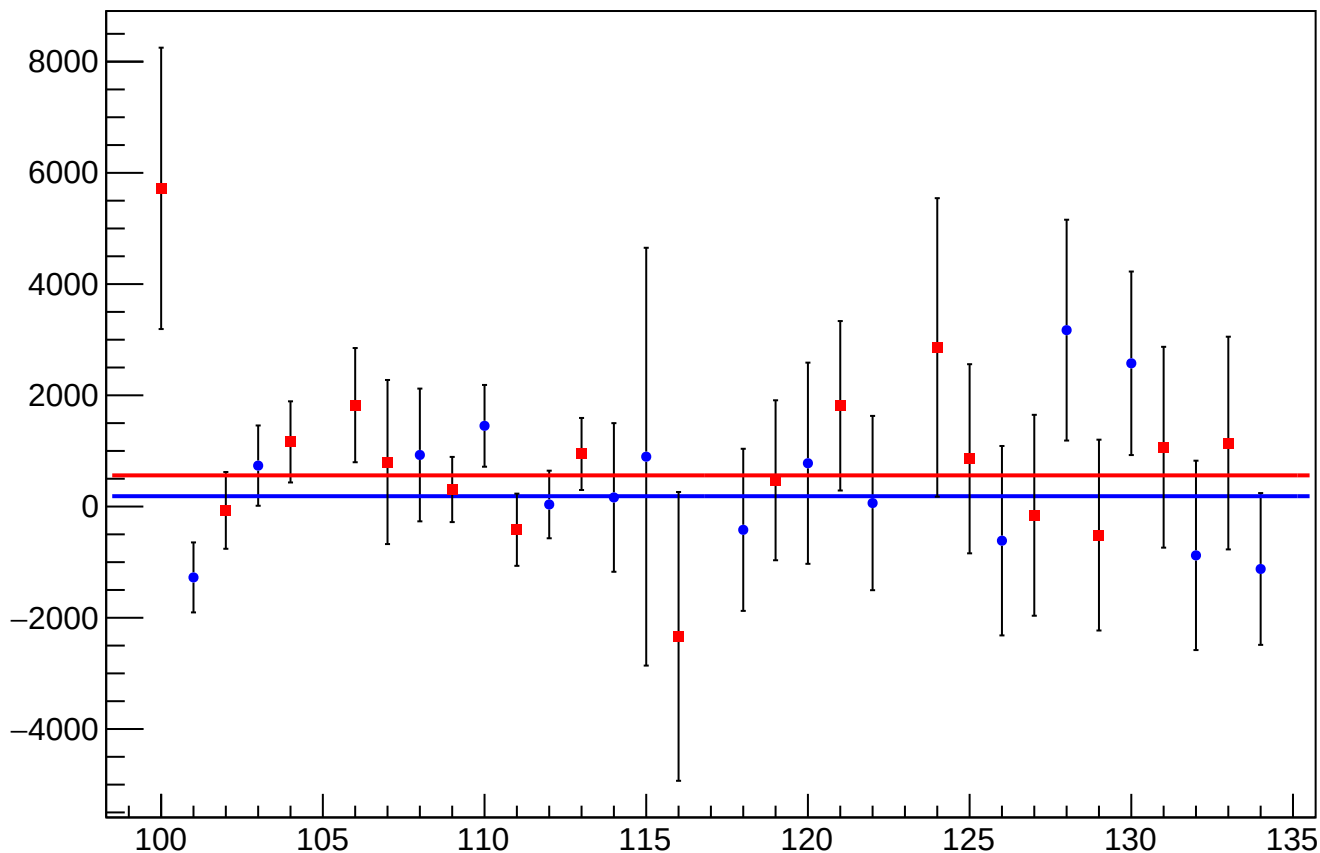
Right: 86.538+/-0.018 χ^2/NDF : 1613395.1/31

In: 88.778+/-0.026 χ^2/NDF : 724595.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.538+/-0.018 χ^2/NDF : 1613395.1/31

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 186.081 $\pm$ 273.513 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 560.508 $\pm$ 250.128 χ^2 /NDF: 13.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

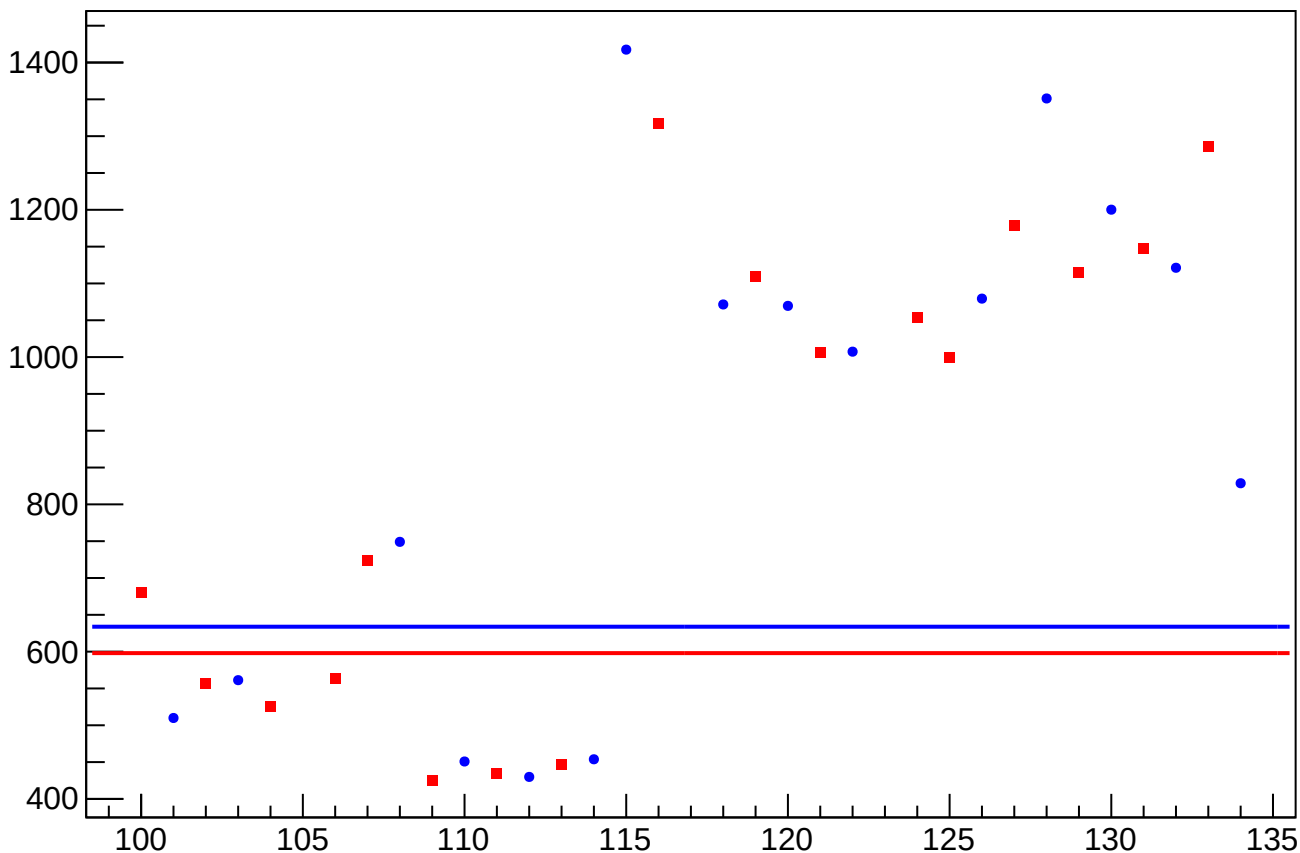
Right: 389.982 $\pm$ 184.582 χ^2 /NDF: 30.0/31

In: 186.081 $\pm$ 273.513 χ^2 /NDF:15.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 389.982 $\pm$ 184.582 χ^2 /NDF: 30.0/31

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 633.858+/-0.193 χ^2/NDF : 1837305.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 597.995+/-0.177 χ^2/NDF : 2007305.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

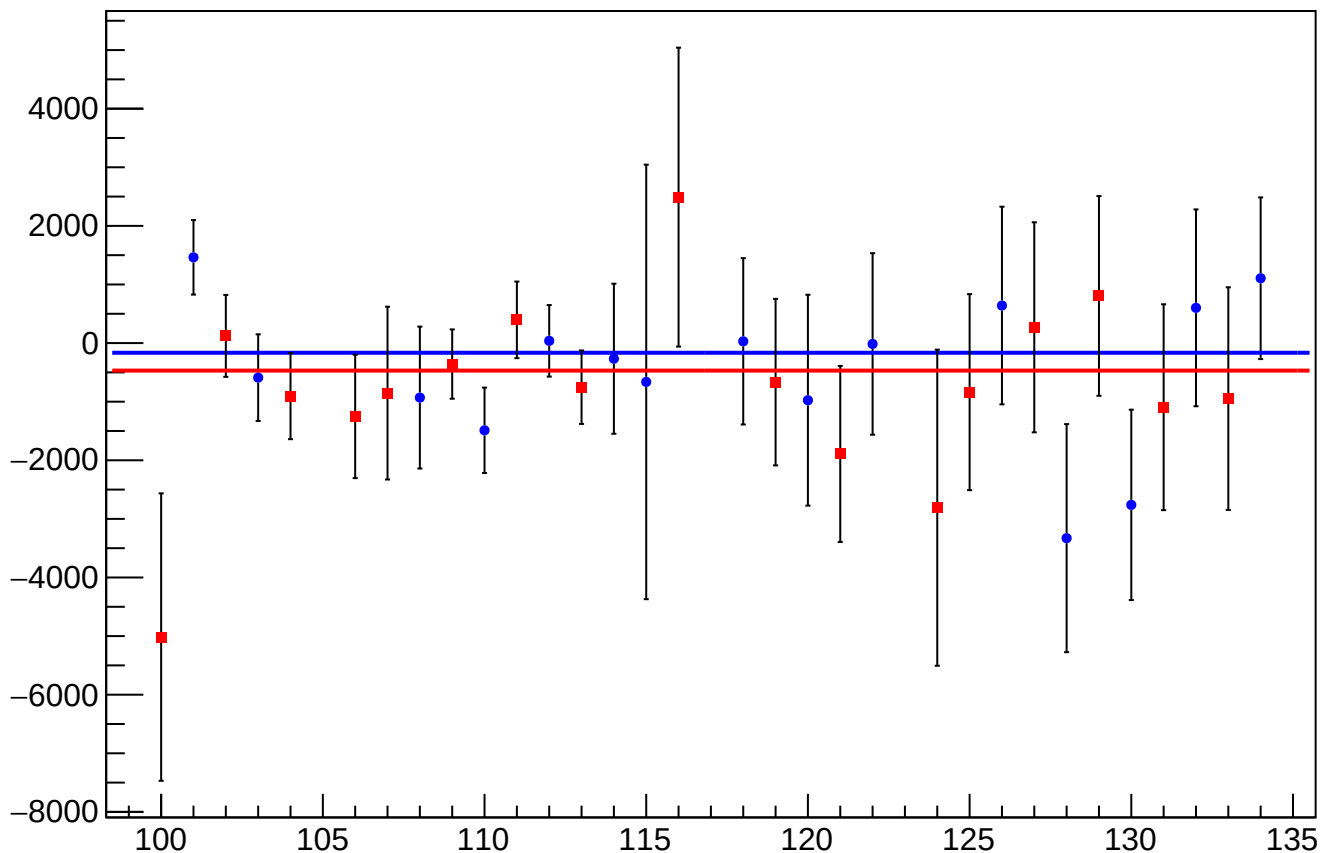
Right: 614.328+/-0.131 χ^2/NDF : 3863335.0/31

In: 633.858+/-0.193 χ^2/NDF : 1837305.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.328+/-0.131 χ^2/NDF : 3863335.0/31

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -165.127+/-273.852 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.296+/-249.859 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

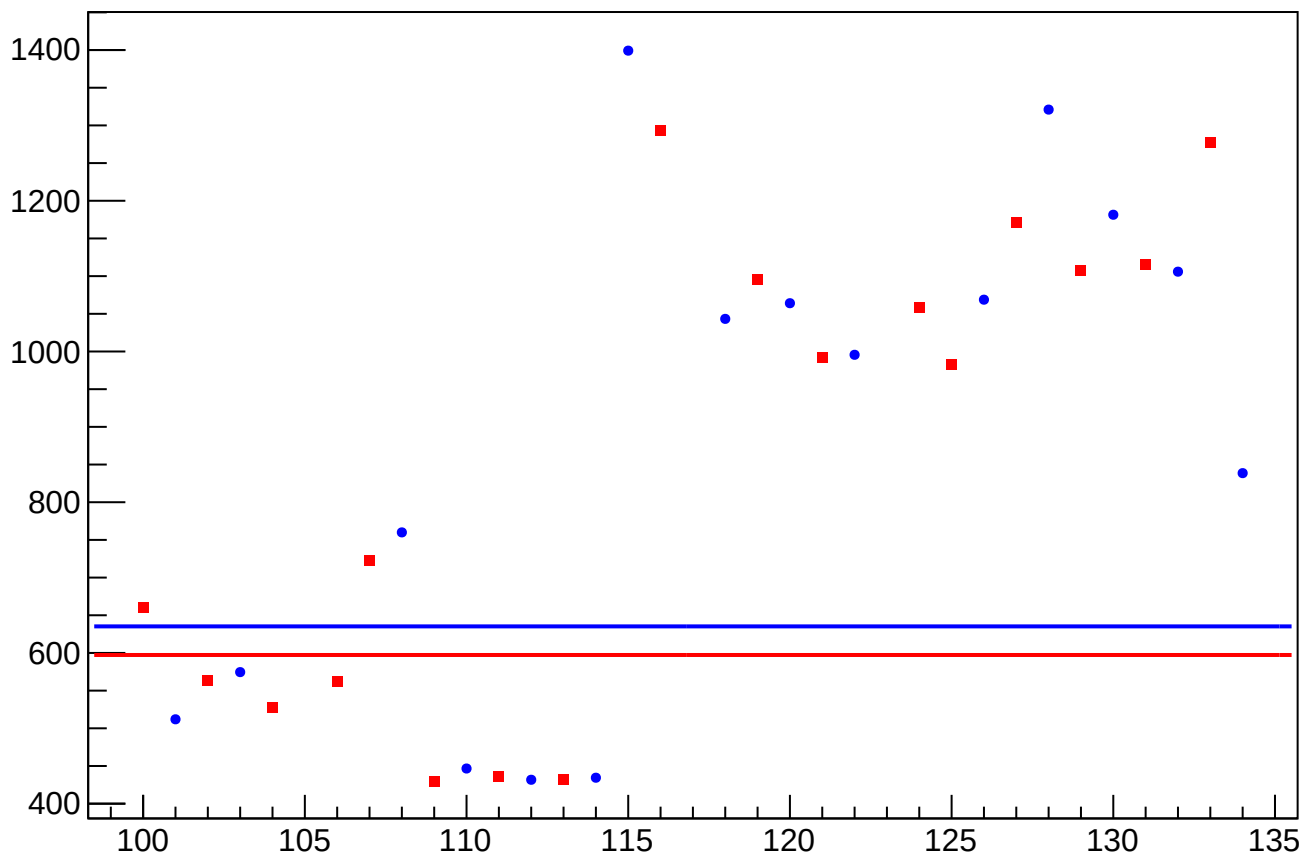
Right: -331.117+/-184.577 χ^2/NDF : 29.2/31

In: -165.127+/-273.852 χ^2/NDF : 17.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.117+/-184.577 χ^2/NDF : 29.2/31

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 635.246+/-0.194 χ^2/NDF : 1794704.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 597.299+/-0.177 χ^2/NDF : 1973714.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

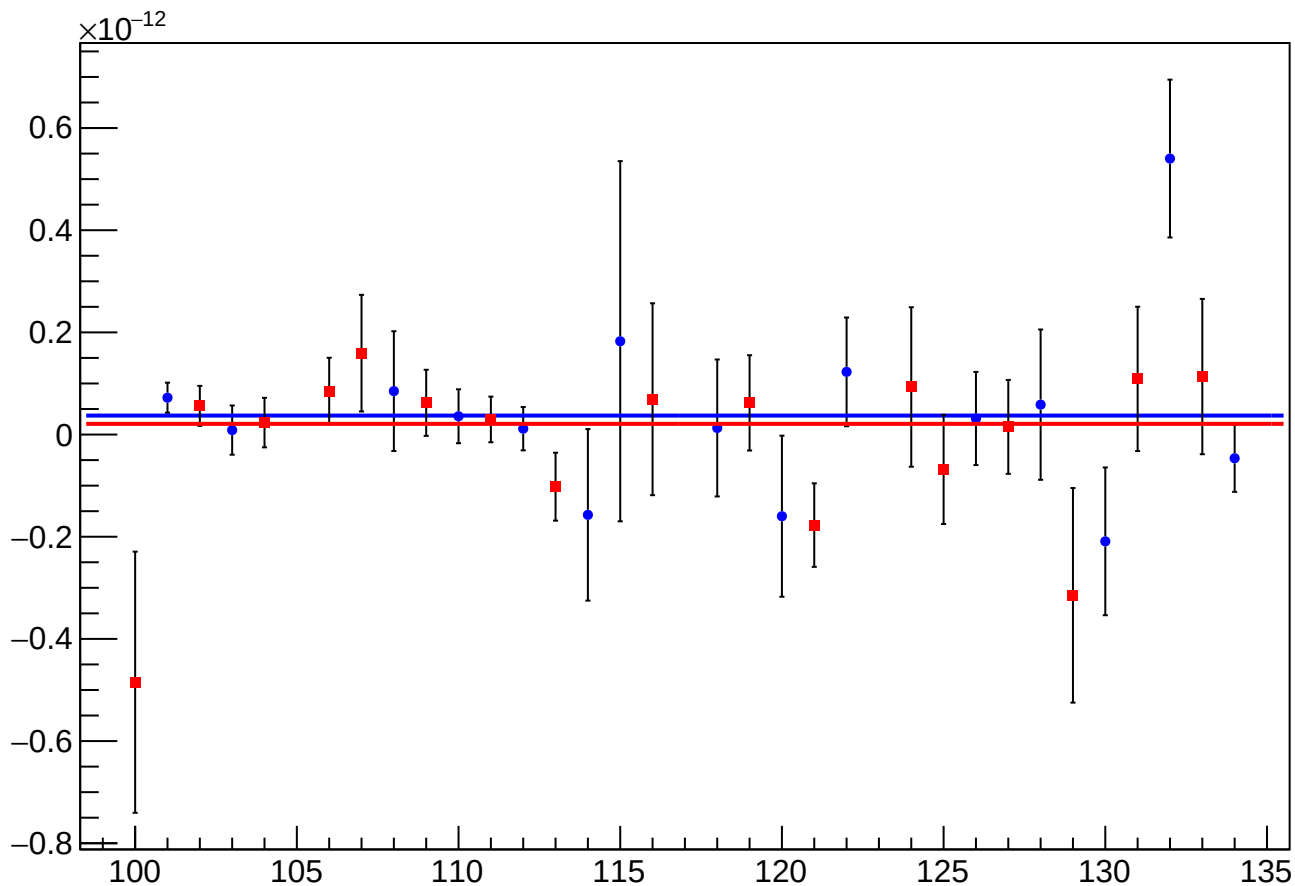
Right: 614.538+/-0.131 χ^2/NDF : 3789375.0/31

In: 635.246+/-0.194 χ^2/NDF : 1794704.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.538+/-0.131 χ^2/NDF : 3789375.0/31

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

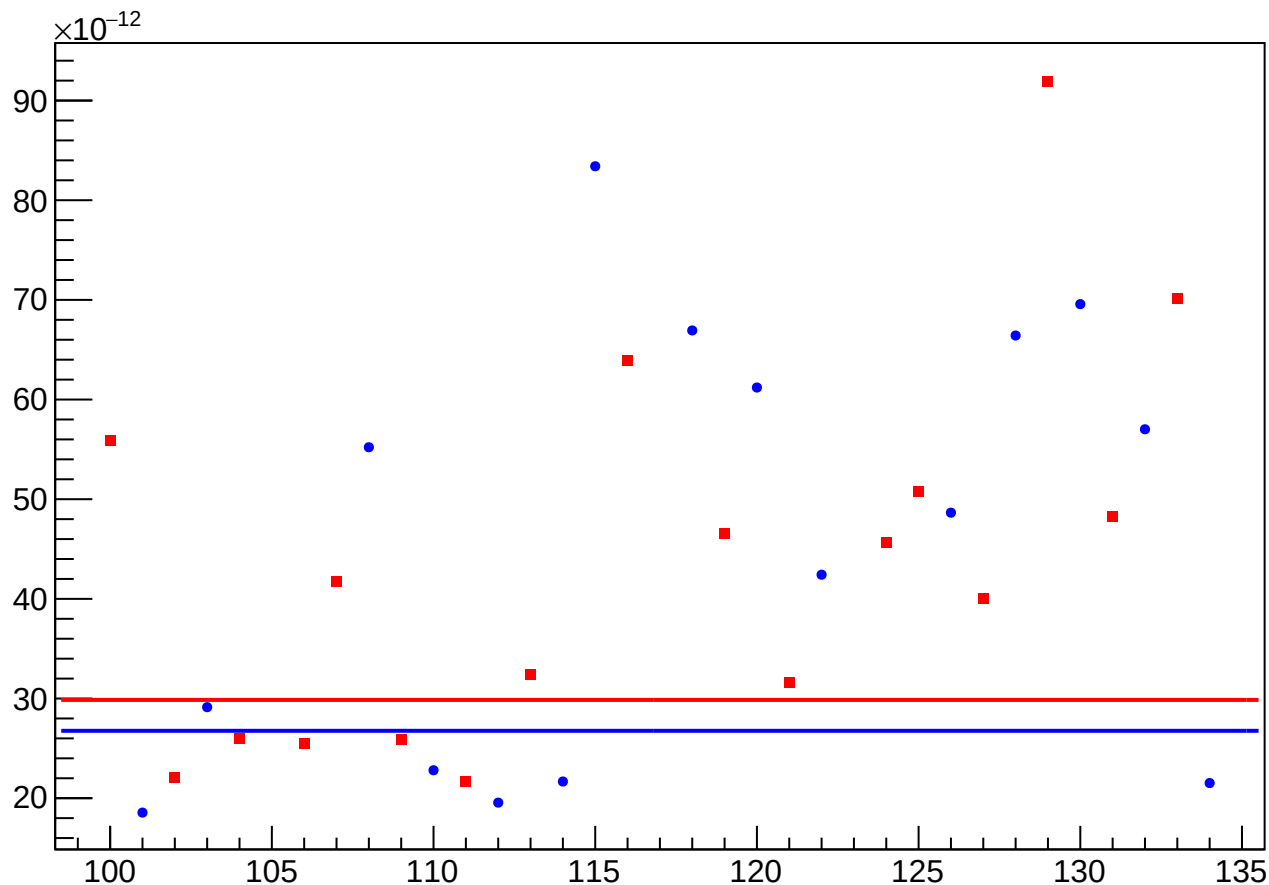
Right: 0.000+/-0.000 χ^2/NDF : 43.0/31

In: 0.000+/-0.000 χ^2/NDF : 21.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.0/31

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1245019.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 822961.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

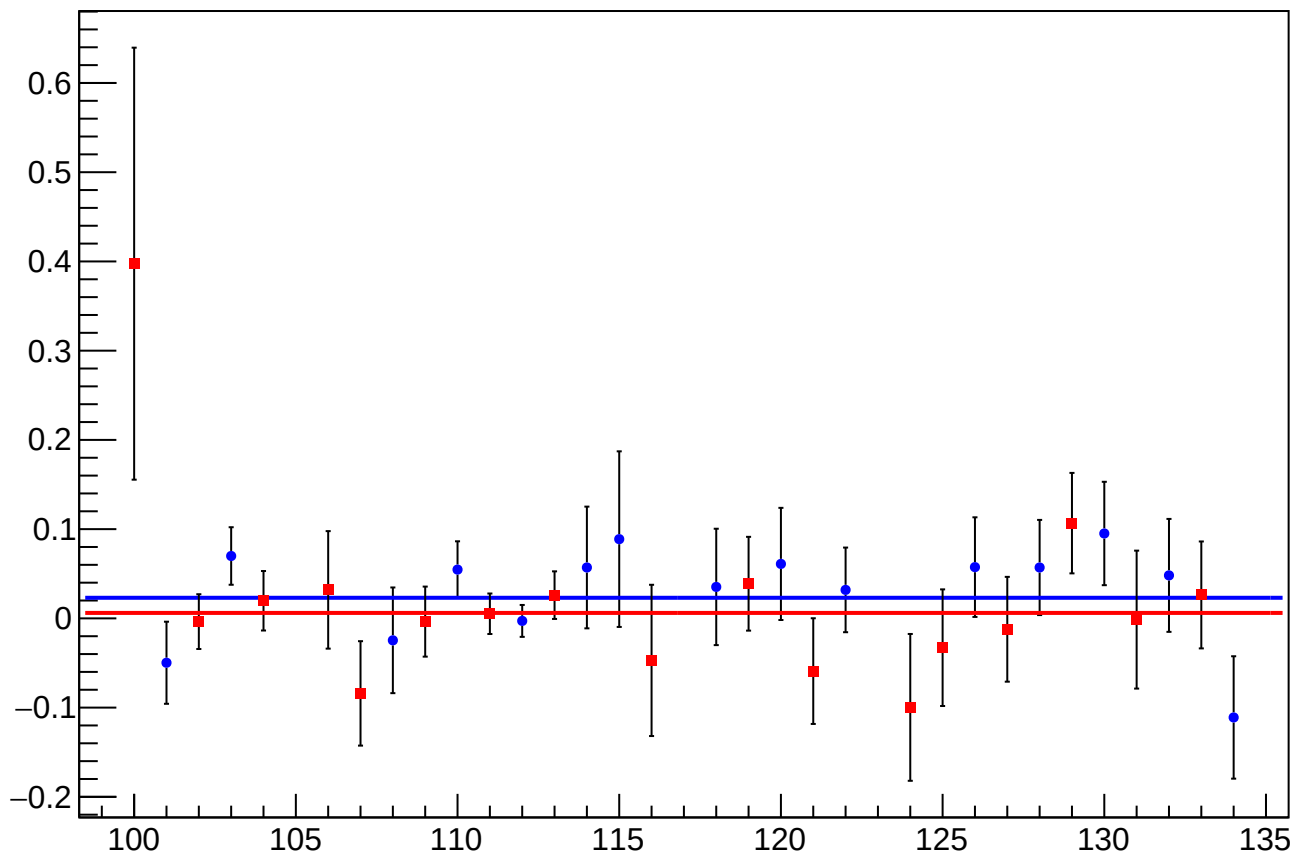
Right: 0.000+/-0.000 χ^2/NDF : 2098314.3/31

In: 0.000+/-0.000 χ^2/NDF : 1245019.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2098314.3/31

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.011 χ^2 /NDF: 13.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

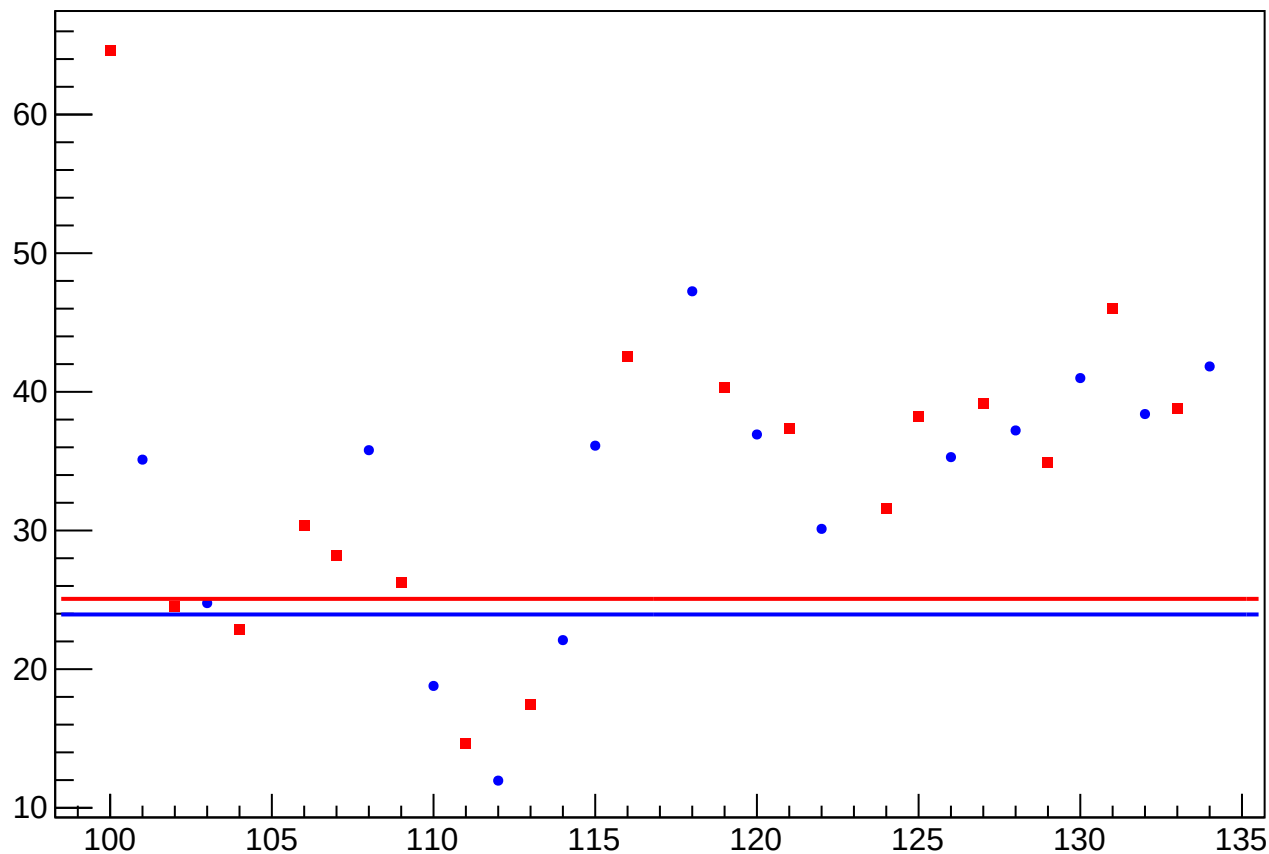
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

In: 0.023 $\pm$ 0.011 χ^2 /NDF:15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.945+/-0.008 χ^2/NDF : 2177489.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.070+/-0.008 χ^2/NDF : 1532300.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

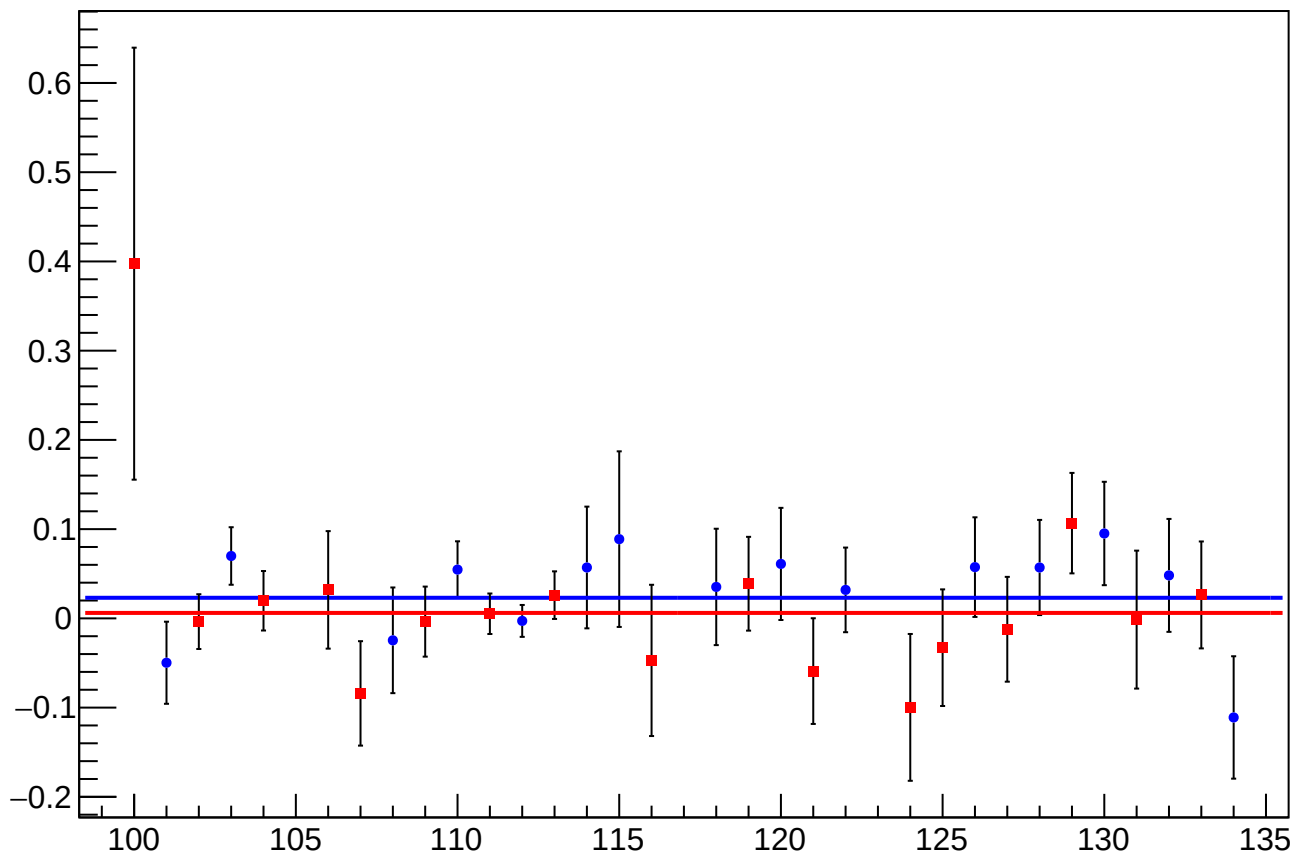
Right: 24.514+/-0.005 χ^2/NDF : 3720701.8/31

In: 23.945+/-0.008 χ^2/NDF :2177489.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.514+/-0.005 χ^2/NDF : 3720701.8/31

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.011 χ^2 /NDF: 13.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

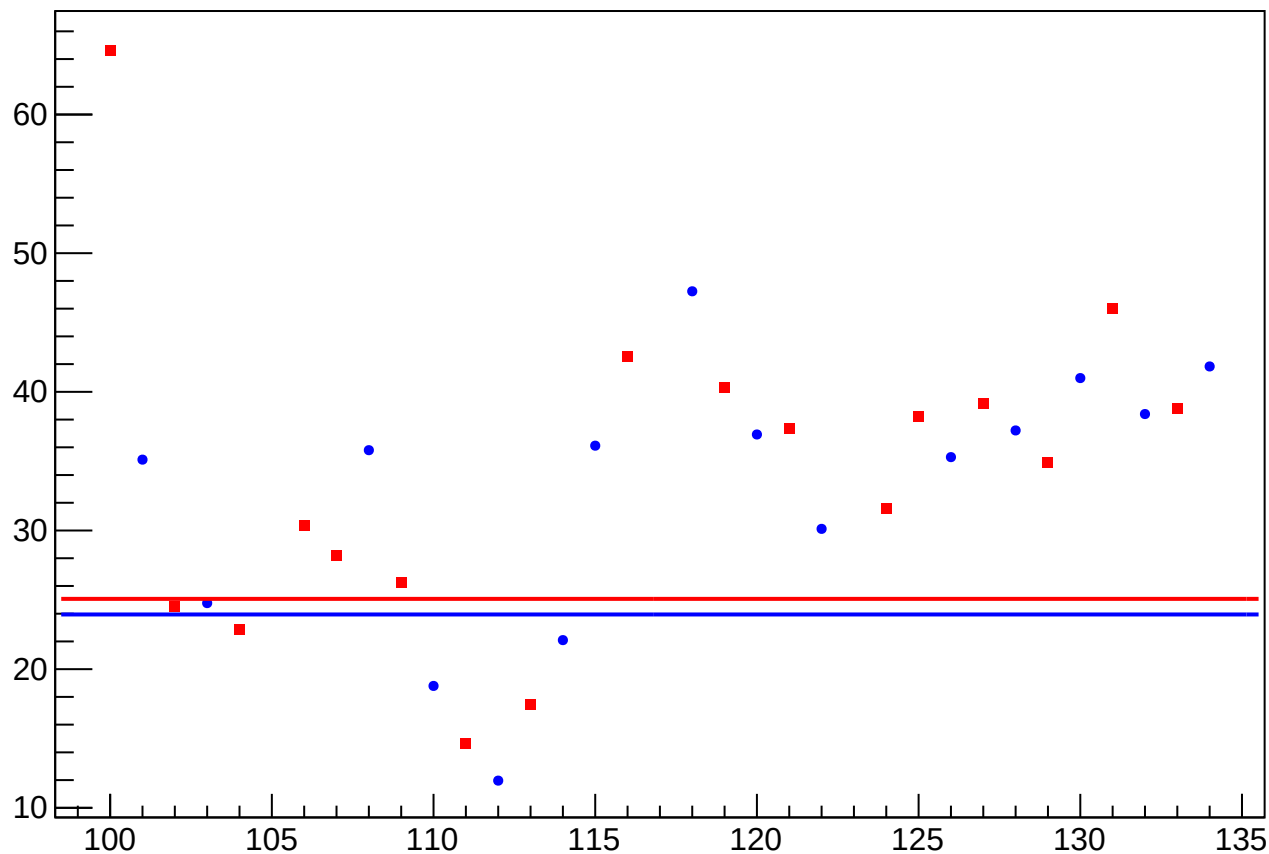
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

In: 0.023 $\pm$ 0.011 χ^2 /NDF:15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.945+/-0.008 χ^2/NDF : 2177489.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.070+/-0.008 χ^2/NDF : 1532300.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

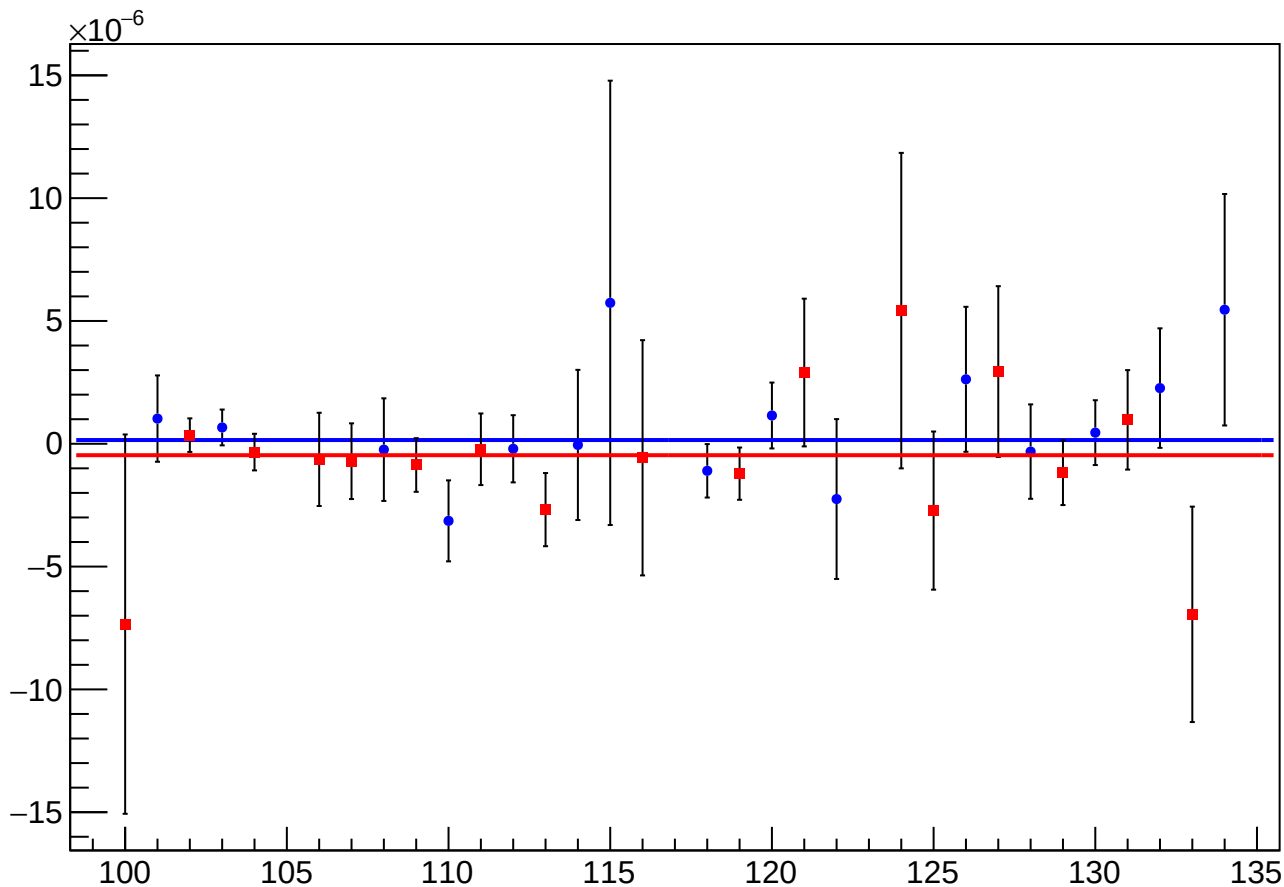
Right: 24.514+/-0.005 χ^2/NDF : 3720701.8/31

In: 23.945+/-0.008 χ^2/NDF : 2177489.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.514+/-0.005 χ^2/NDF : 3720701.8/31

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

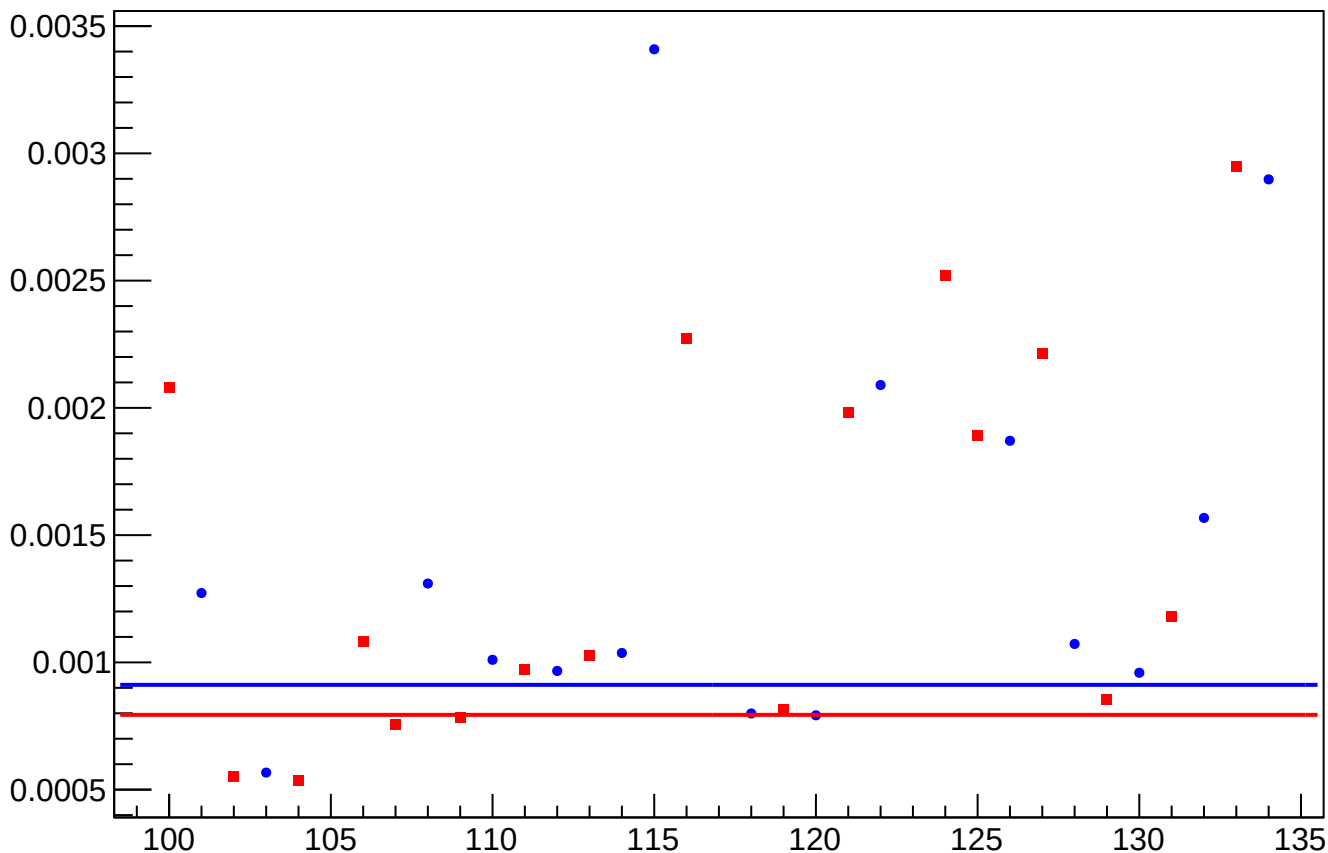
Right: -0.000+/-0.000 χ^2/NDF : 23.5/31

In: 0.000+/-0.000 χ^2/NDF : 10.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/31

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1797835.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2450140.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

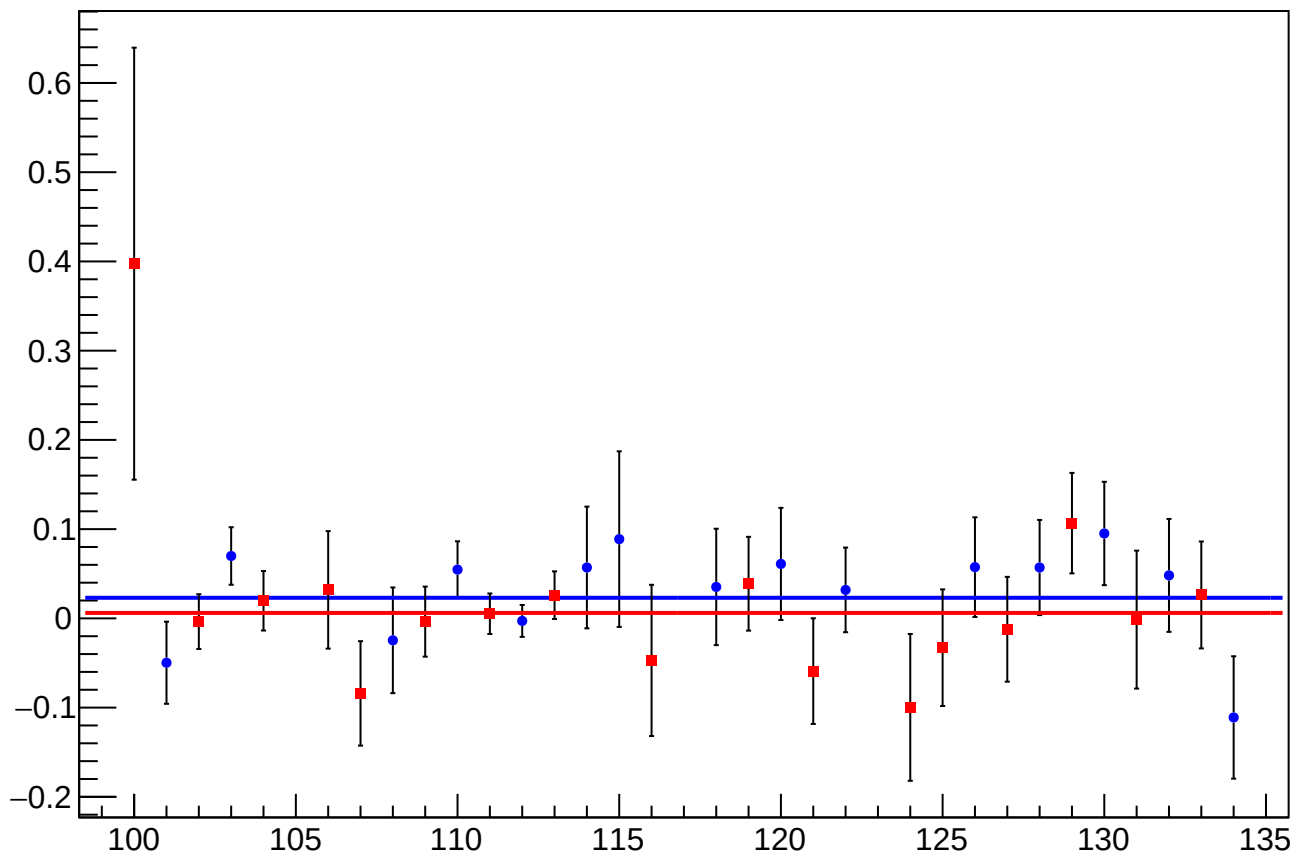
Right: 0.001+/-0.000 χ^2/NDF : 4347090.0/31

In: 0.001+/-0.000 χ^2/NDF : 1797835.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4347090.0/31

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.011 χ^2 /NDF: 13.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

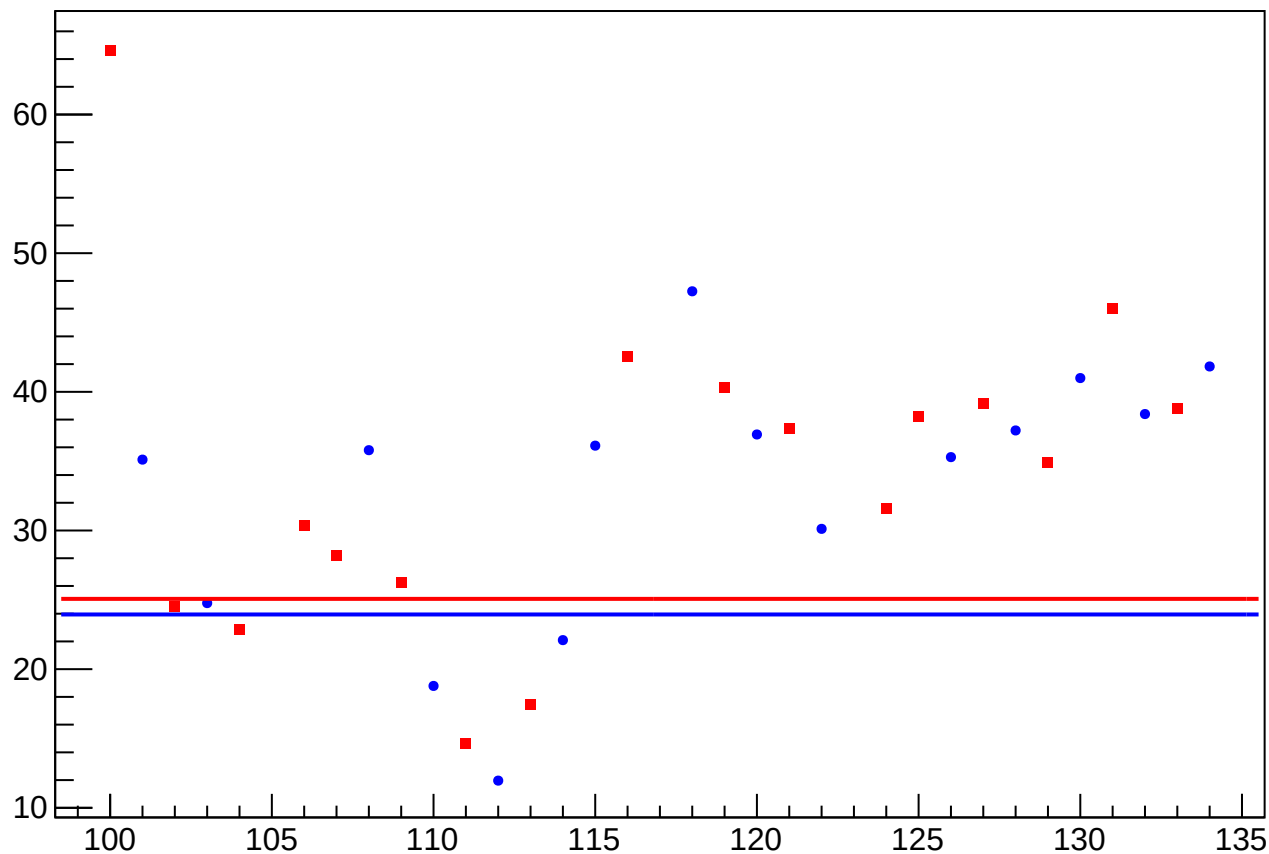
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

In: 0.023 $\pm$ 0.011 χ^2 /NDF:15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.944+/-0.008 χ^2/NDF : 2177644.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.069+/-0.008 χ^2/NDF : 1532439.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

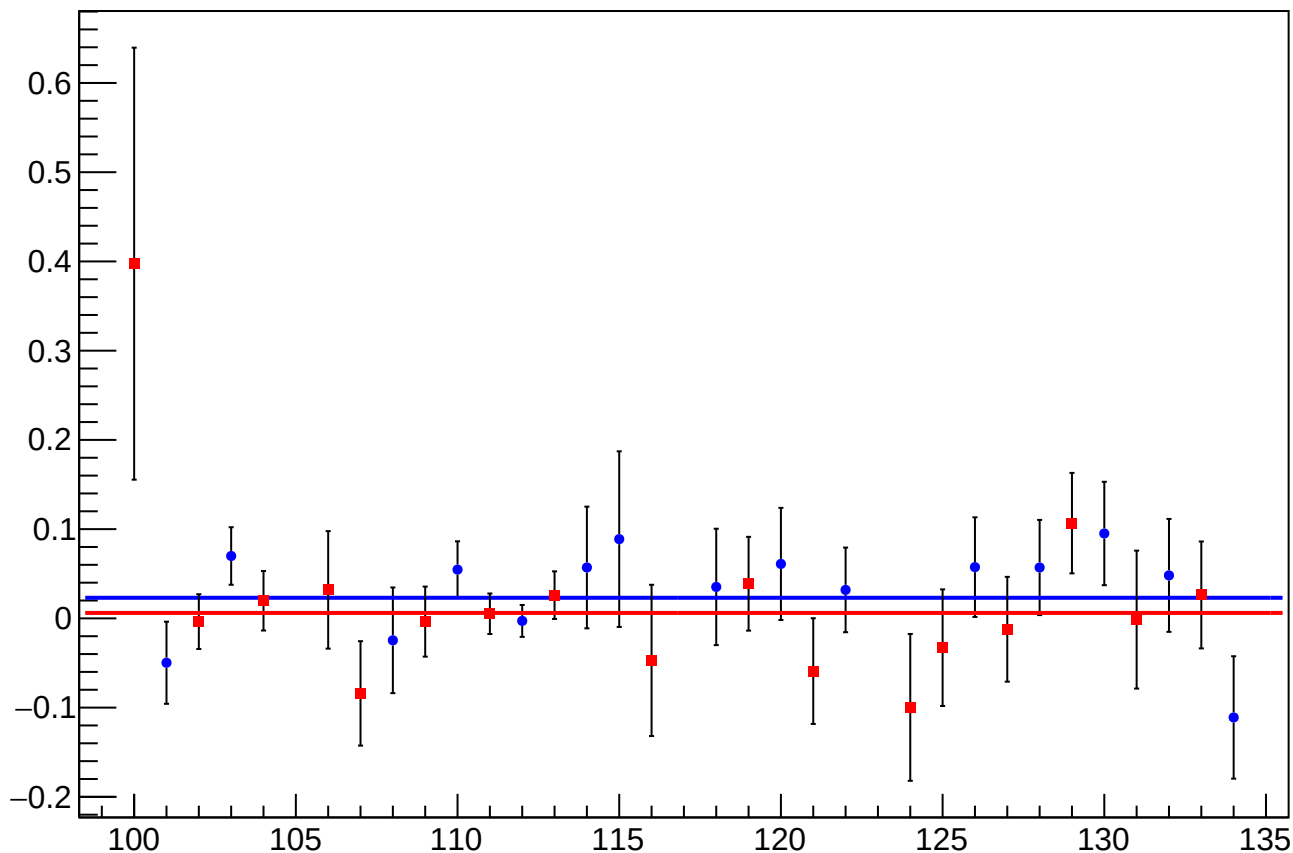
Right: 24.513+/-0.005 χ^2/NDF : 3720998.4/31

In: 23.944+/-0.008 χ^2/NDF : 2177644.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.513+/-0.005 χ^2/NDF : 3720998.4/31

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.011 χ^2 /NDF: 13.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

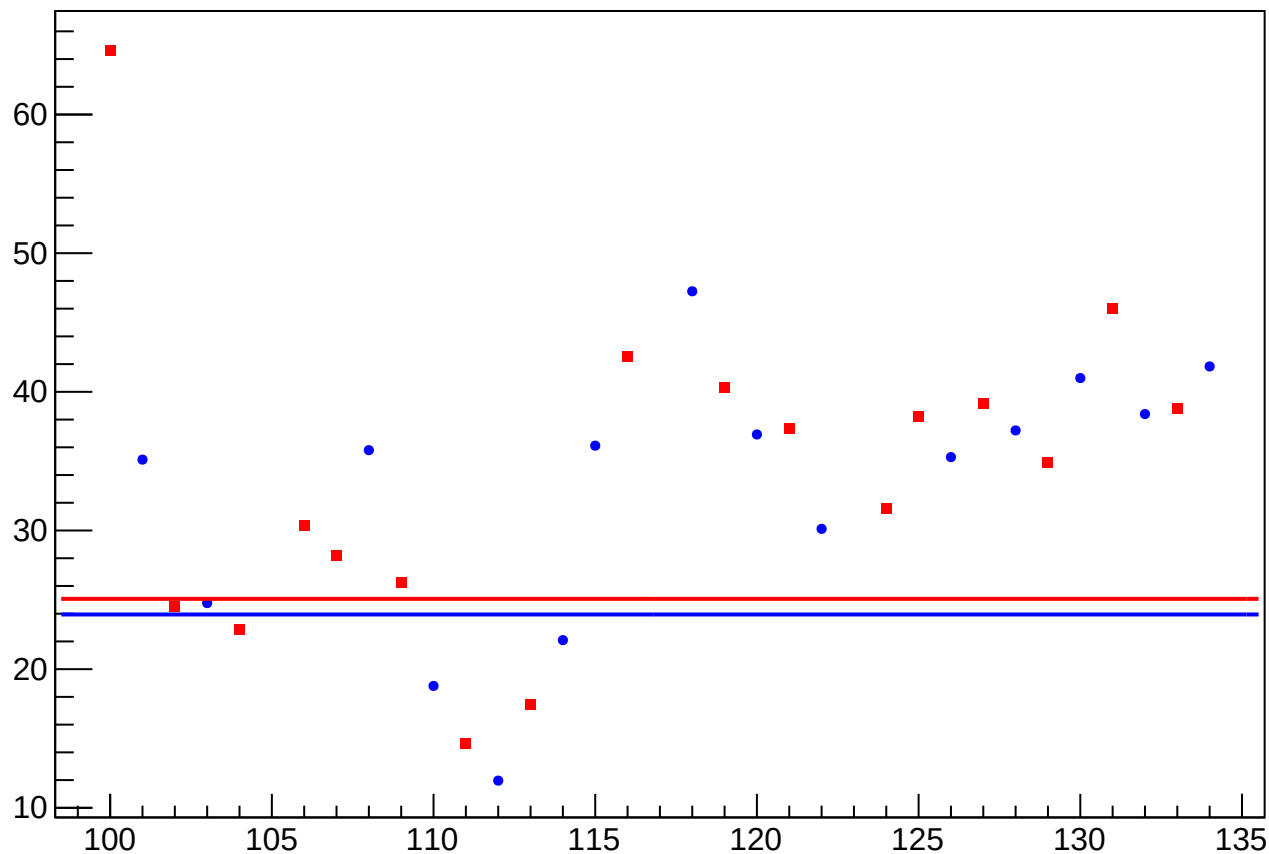
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

In: 0.023 $\pm$ 0.011 χ^2 /NDF:15.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 30.5/31

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.944+/-0.008 χ^2/NDF : 2177644.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.069+/-0.008 χ^2/NDF : 1532439.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

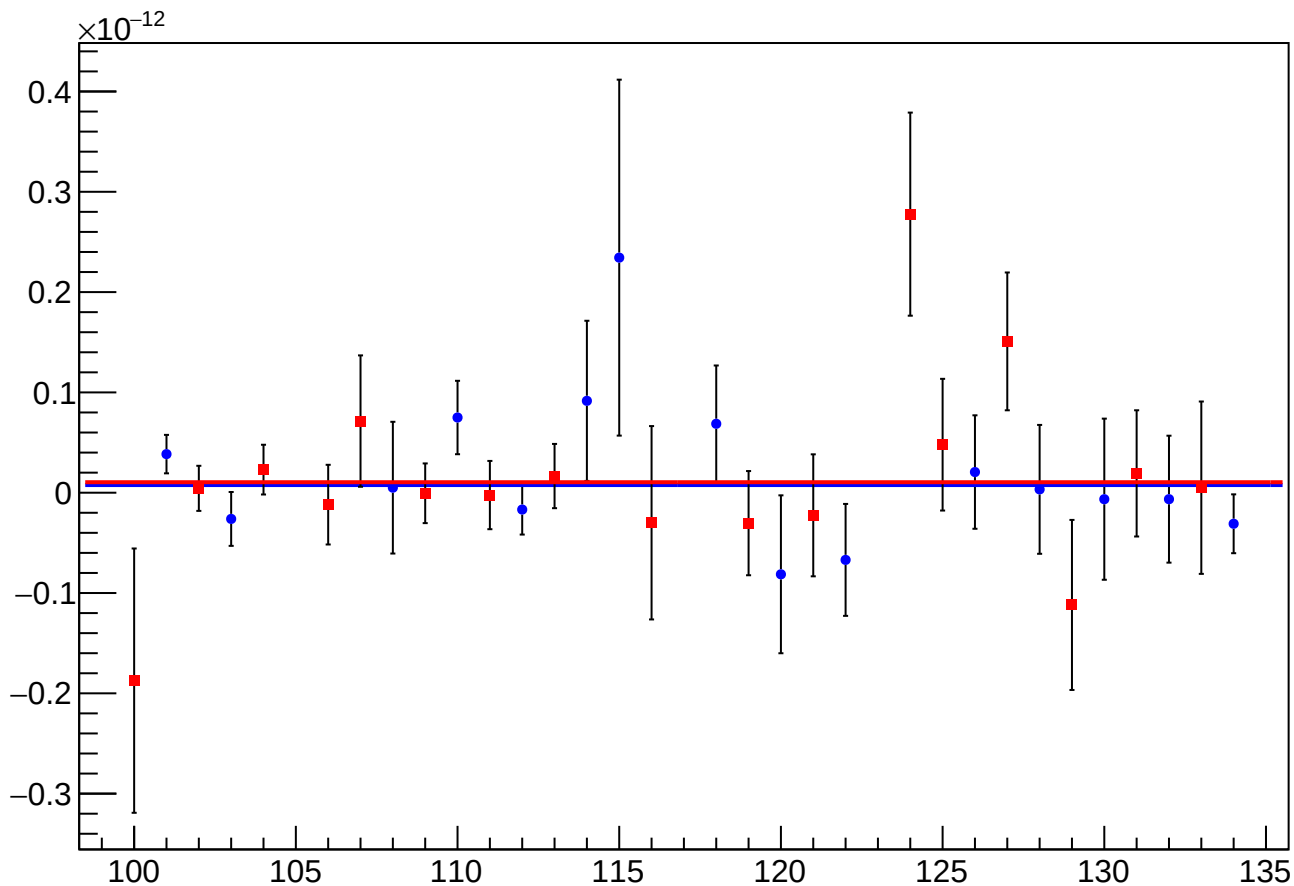
Right: 24.513+/-0.005 χ^2/NDF : 3720998.4/31

In: 23.944+/-0.008 χ^2/NDF : 2177644.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.513+/-0.005 χ^2/NDF : 3720998.4/31

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

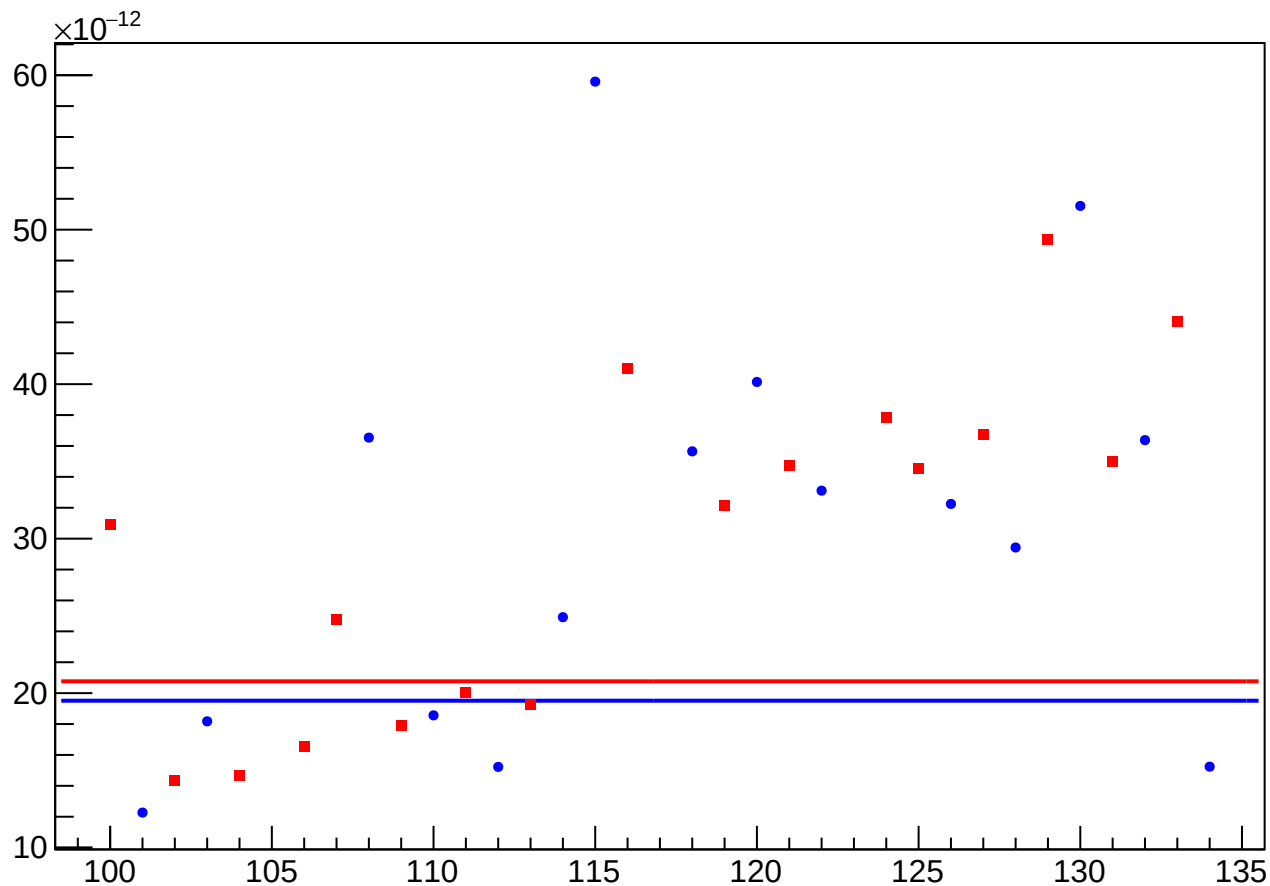
Right: 0.000+/-0.000 χ^2/NDF : 36.1/31

In: 0.000+/-0.000 χ^2/NDF : 17.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.1/31

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1658366.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1372706.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

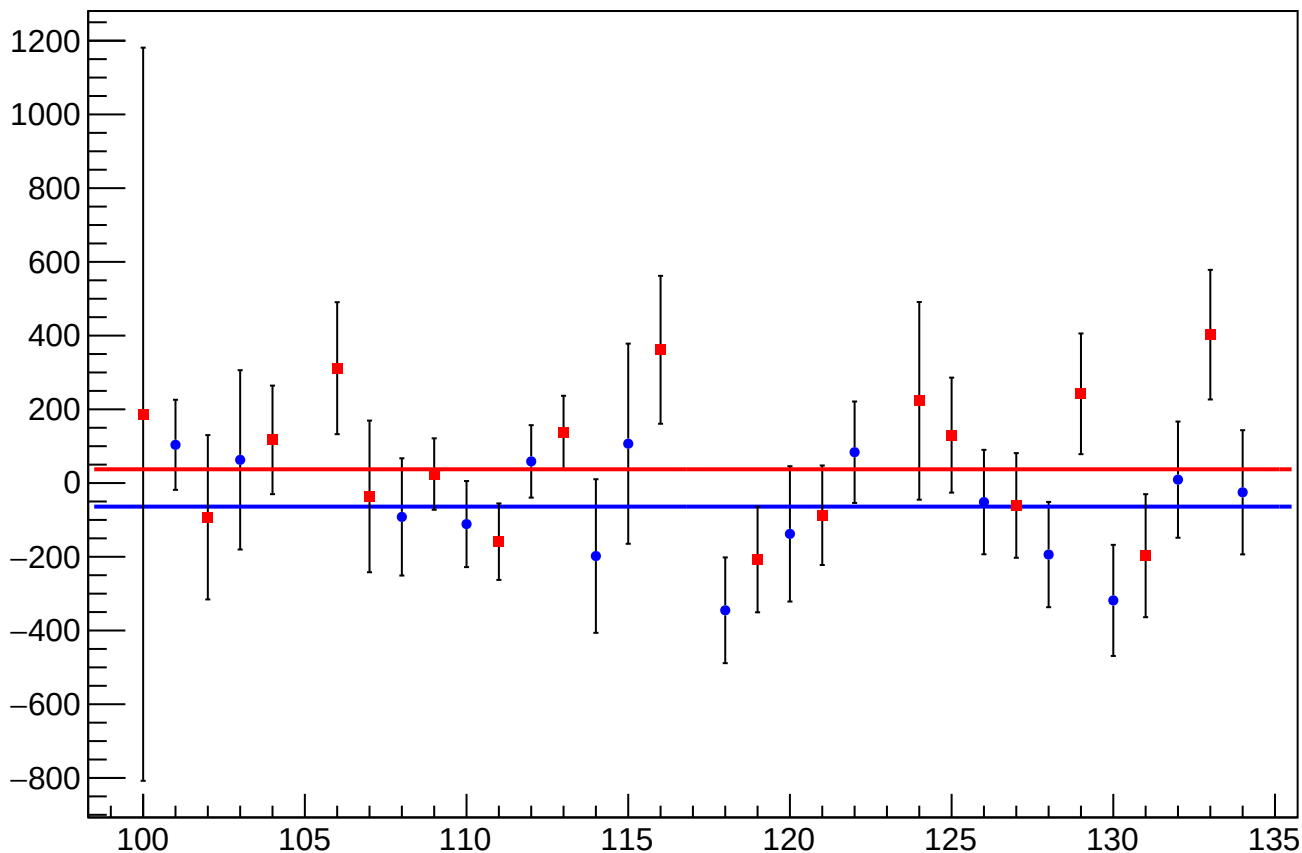
Right: 0.000+/-0.000 χ^2/NDF : 3046074.8/31

In: 0.000+/-0.000 χ^2/NDF : 1658366.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3046074.8/31

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -63.896 $\pm$ 38.167 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.380 $\pm$ 36.294 χ^2 /NDF: 23.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

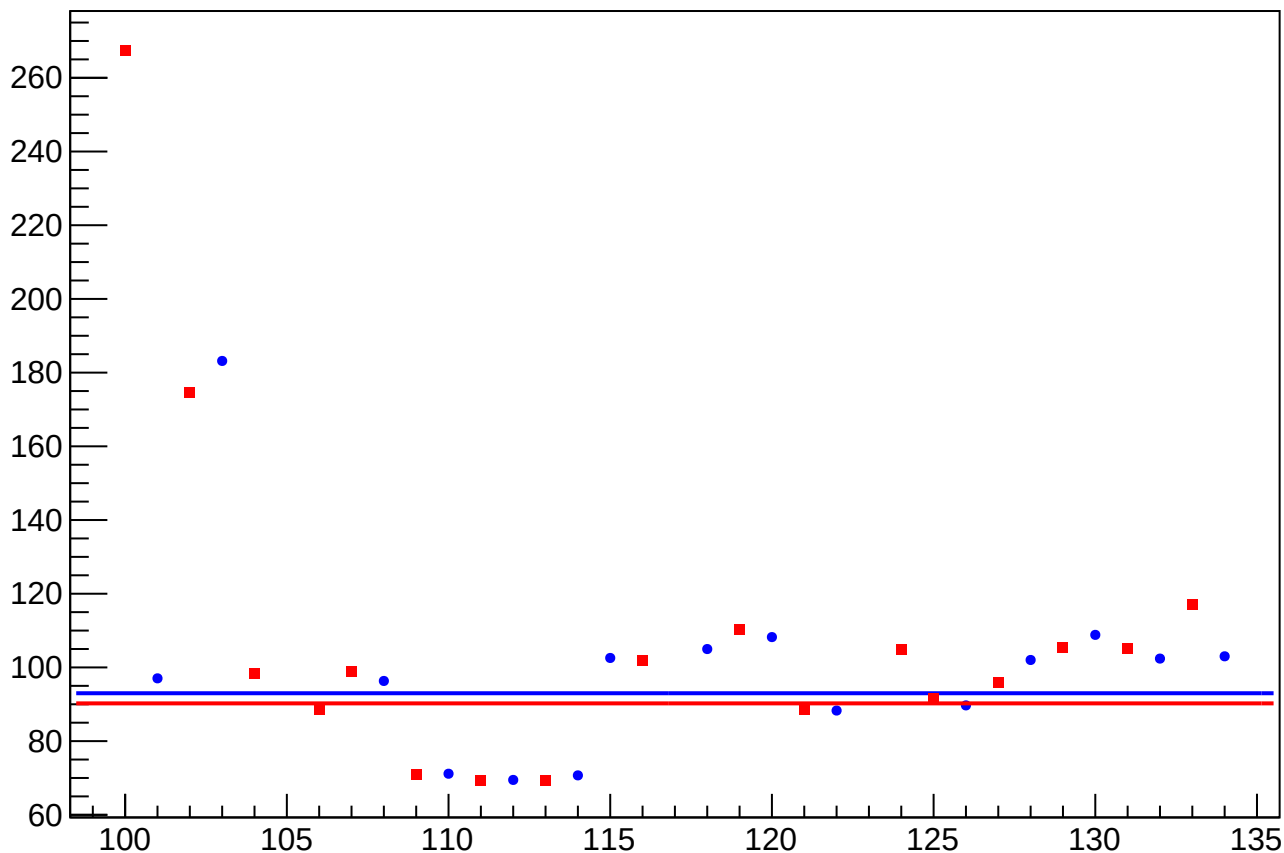
Right: -10.713 $\pm$ 26.301 χ^2 /NDF: 40.8/31

In: -63.896 $\pm$ 38.167 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.713 $\pm$ 26.301 χ^2 /NDF: 40.8/31

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 92.994 $\pm$ 0.027 χ^2 /NDF: 563456.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.243 $\pm$ 0.026 χ^2 /NDF: 742681.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

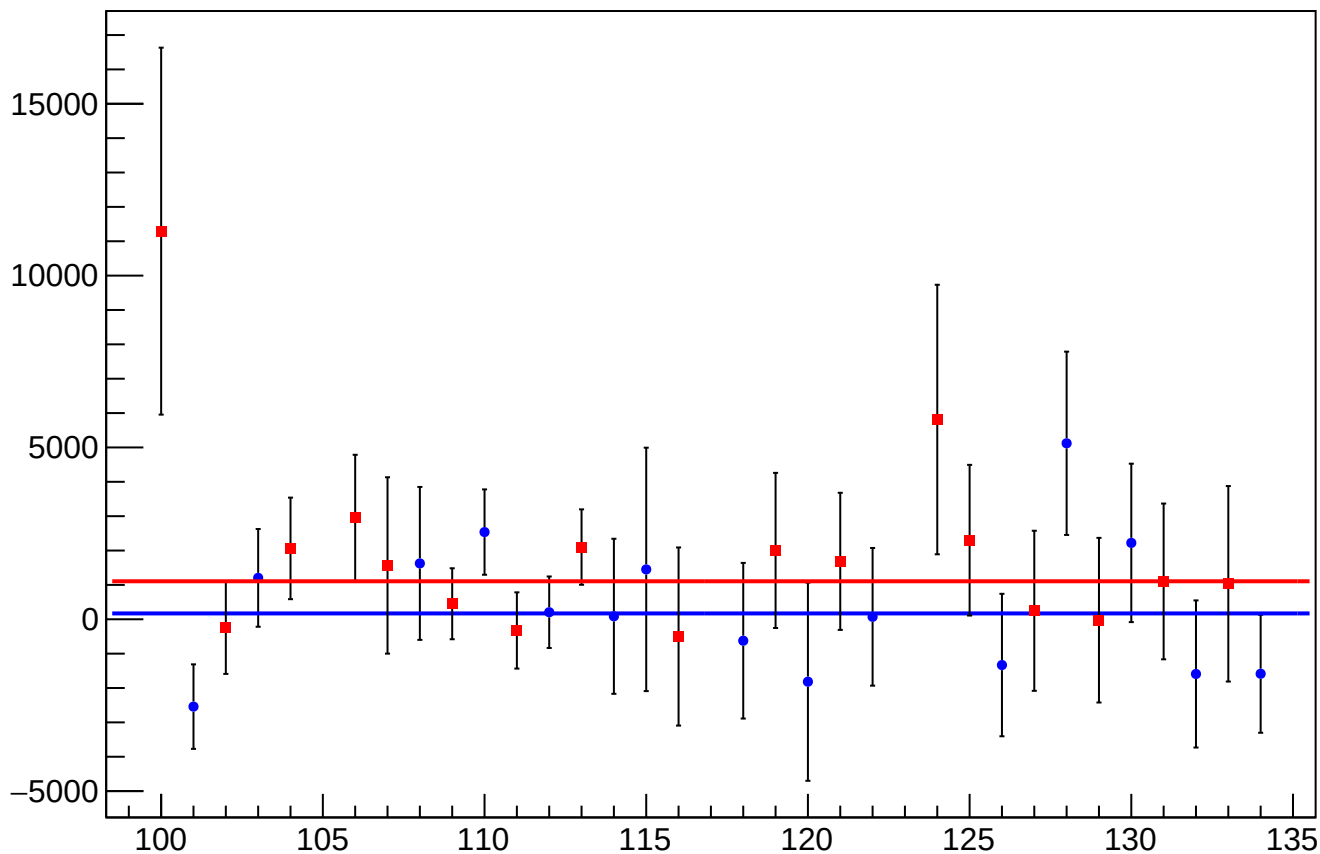
Right: 91.550 $\pm$ 0.019 χ^2 /NDF: 1311592.3/31

In: 92.994 $\pm$ 0.027 χ^2 /NDF: 563456.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.550 $\pm$ 0.019 χ^2 /NDF: 1311592.3/31

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 170.299+/-452.198 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.853+/-421.893 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

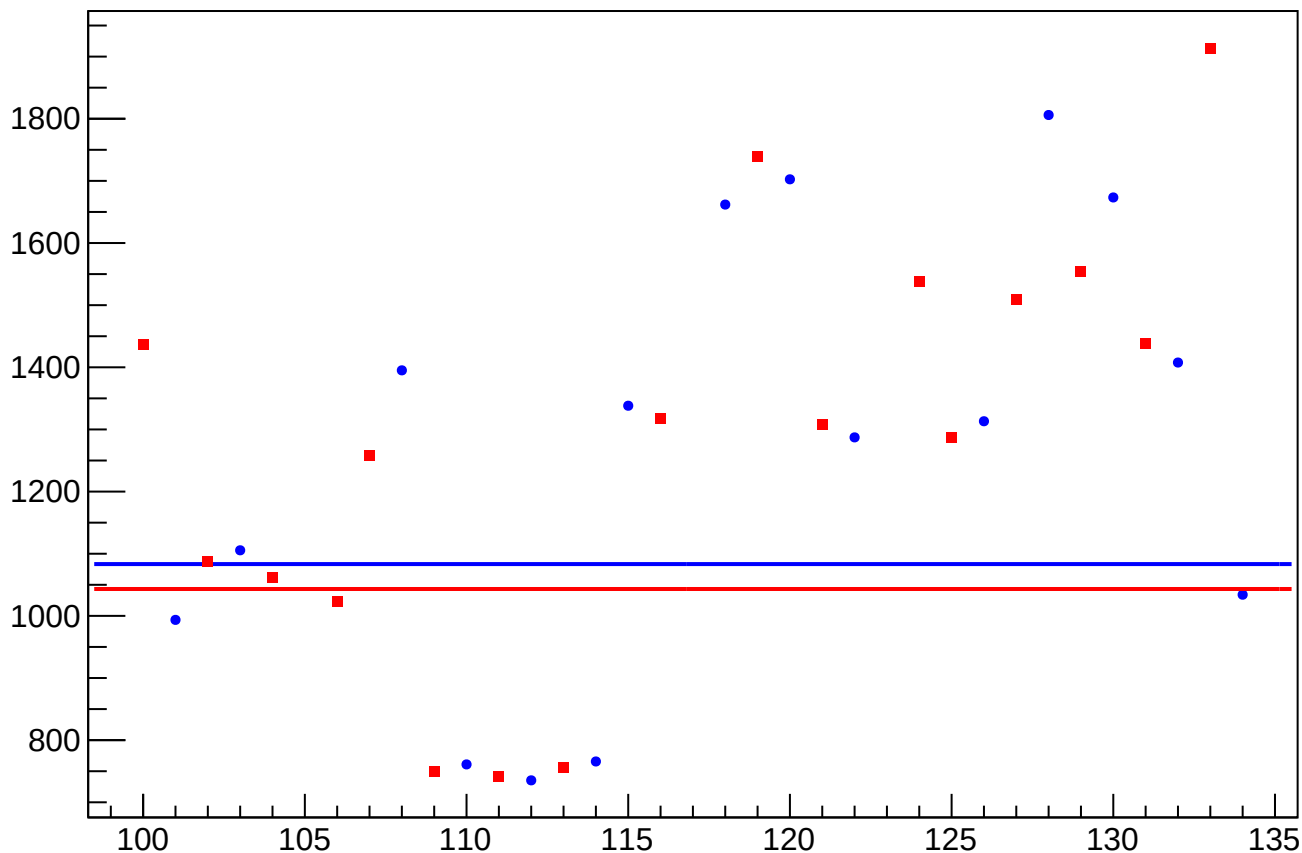
Right: 670.472+/-308.481 χ^2/NDF : 30.7/31

In: 170.299+/-452.198 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.472+/-308.481 χ^2/NDF : 30.7/31

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1083.346+/-0.320 χ^2/NDF : 1052702.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.254+/-0.298 χ^2/NDF : 1196734.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

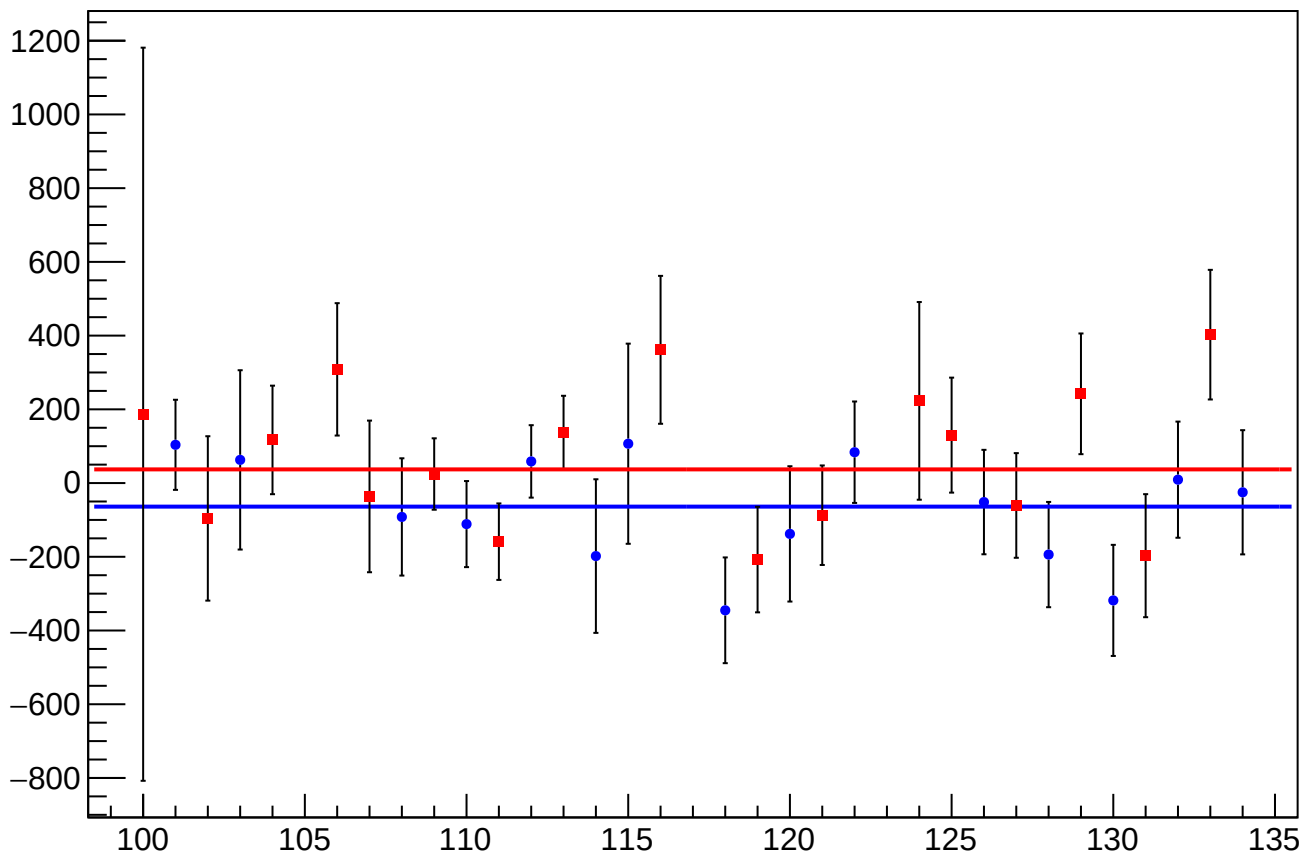
Right: 1061.912+/-0.218 χ^2/NDF : 2257841.6/31

In: 1083.346+/-0.320 χ^2/NDF : 1052702.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.912+/-0.218 χ^2/NDF : 2257841.6/31

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -63.911 $\pm$ 38.167 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.098 $\pm$ 36.299 χ^2 /NDF: 23.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

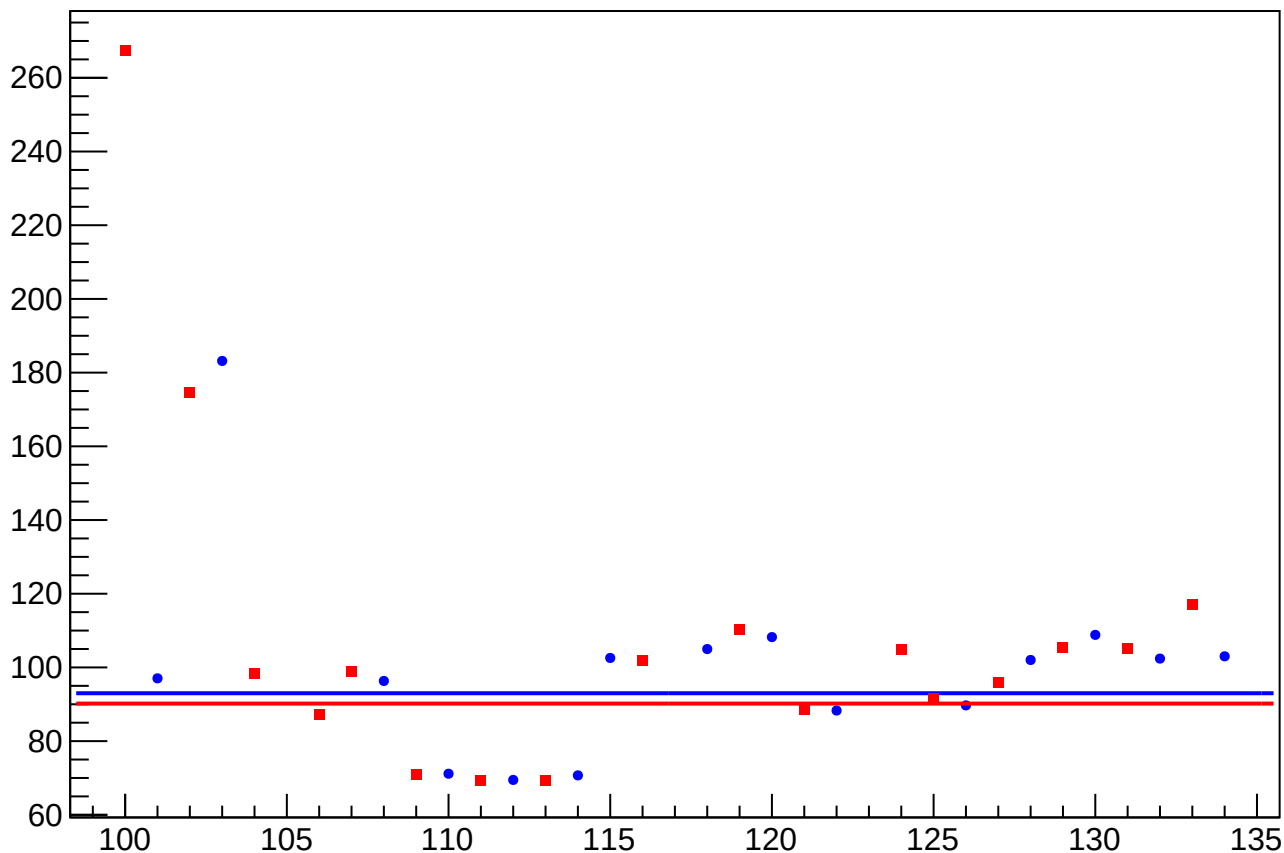
Right: -10.875 $\pm$ 26.303 χ^2 /NDF: 40.7/31

In: -63.911 $\pm$ 38.167 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.875 $\pm$ 26.303 χ^2 /NDF: 40.7/31

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 92.994 $\pm$ 0.027 χ^2 /NDF: 563459.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.190 $\pm$ 0.026 χ^2 /NDF: 743288.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

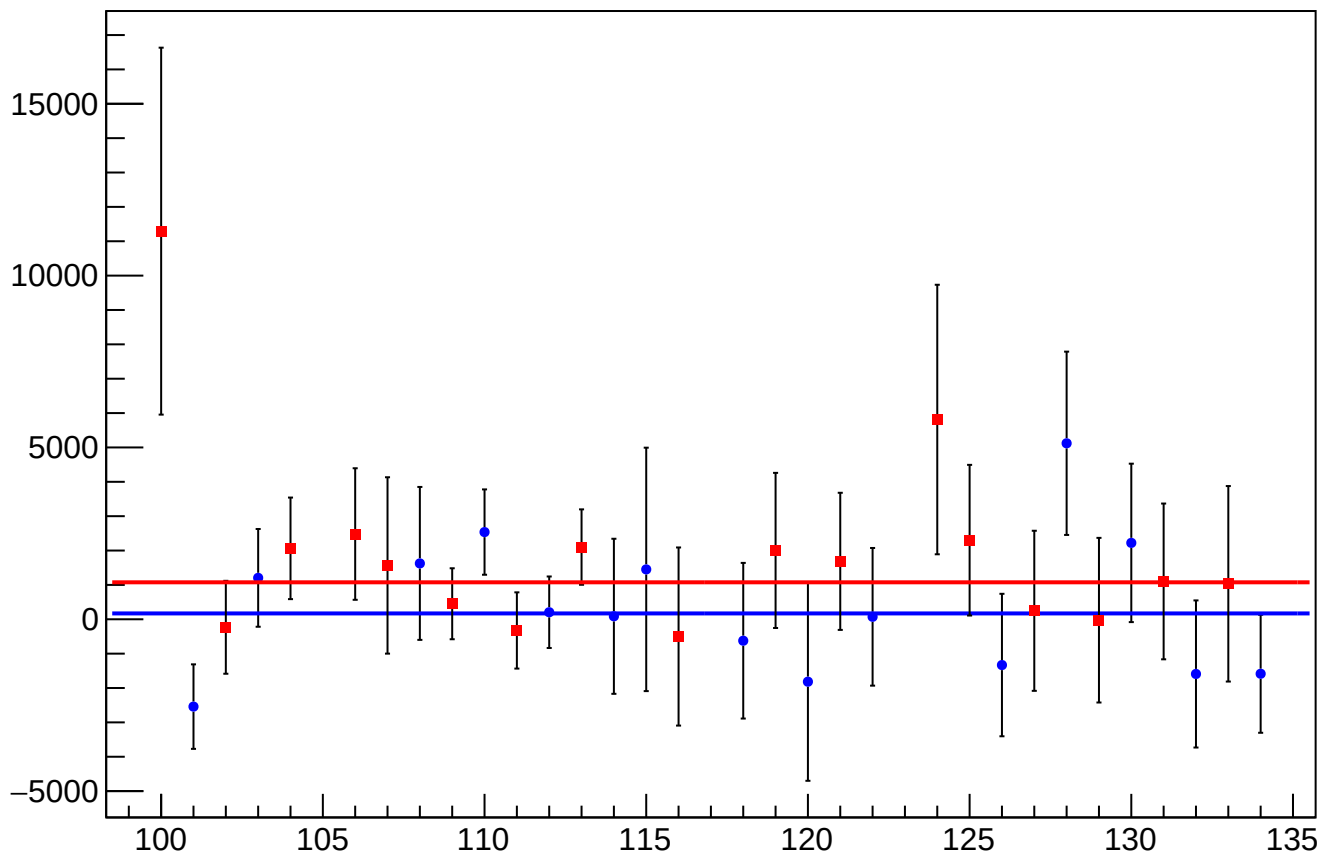
Right: 91.522 $\pm$ 0.019 χ^2 /NDF: 1312414.5/31

In: 92.994 $\pm$ 0.027 χ^2 /NDF:563459.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.522 $\pm$ 0.019 χ^2 /NDF: 1312414.5/31

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 170.282+/-452.202 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1075.676+/-422.837 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

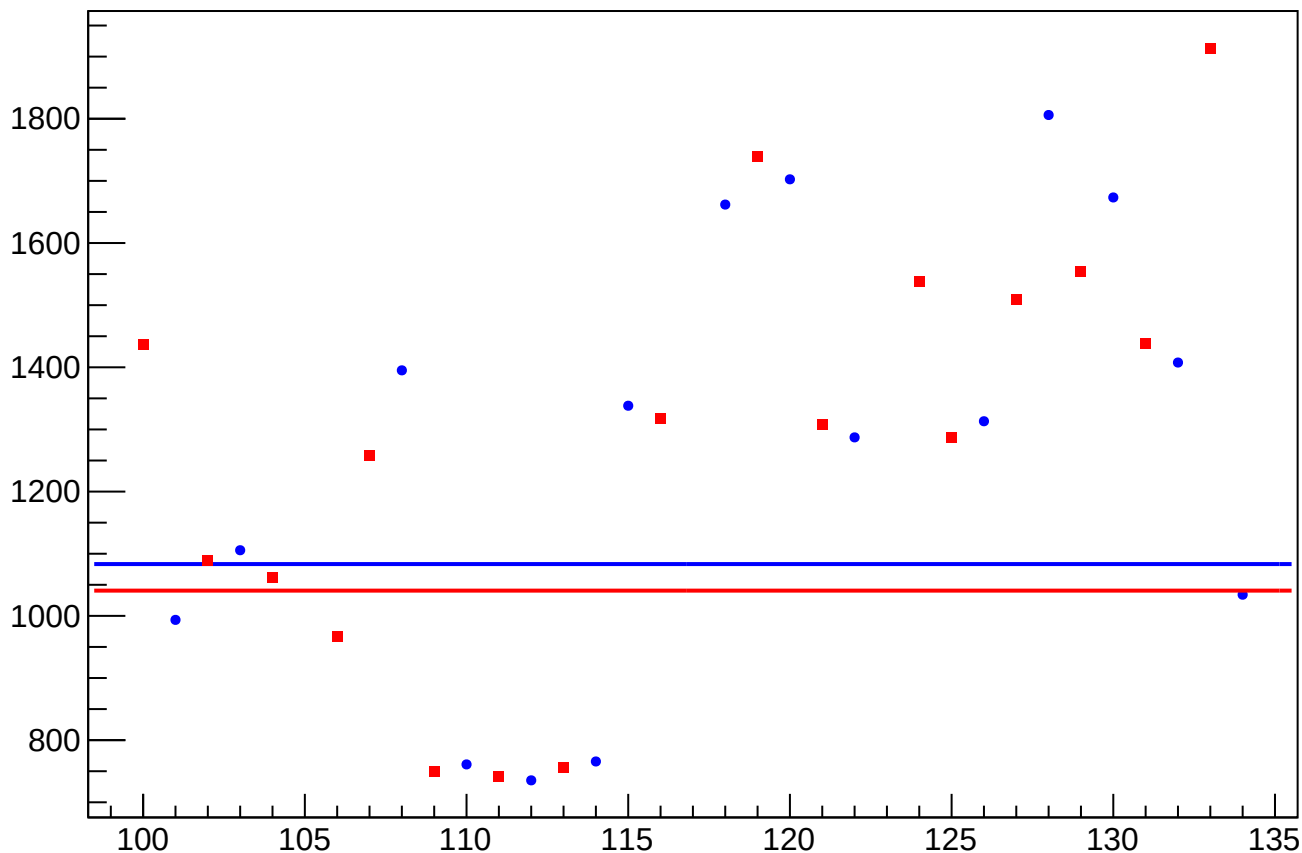
Right: 653.329+/-308.851 χ^2/NDF : 30.0/31

In: 170.282+/-452.202 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.329+/-308.851 χ^2/NDF : 30.0/31

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1083.356+/-0.320 χ^2/NDF : 1052707.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1040.631+/-0.299 χ^2/NDF : 1199682.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

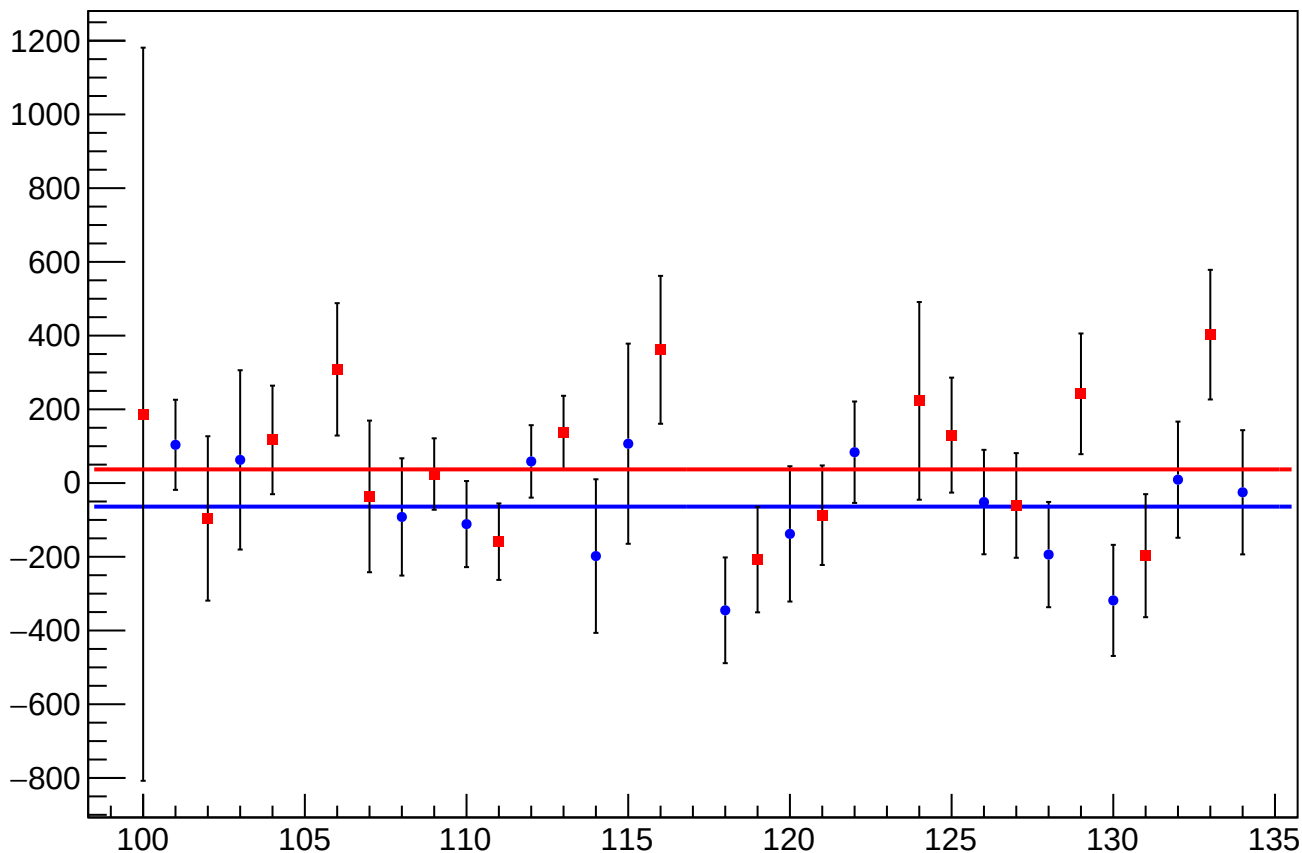
Right: 1060.562+/-0.218 χ^2/NDF : 2261915.8/31

In: 1083.356+/-0.320 χ^2/NDF : 1052707.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1060.562+/-0.218 χ^2/NDF : 2261915.8/31

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -63.911 $\pm$ 38.167 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.098 $\pm$ 36.299 χ^2 /NDF: 23.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

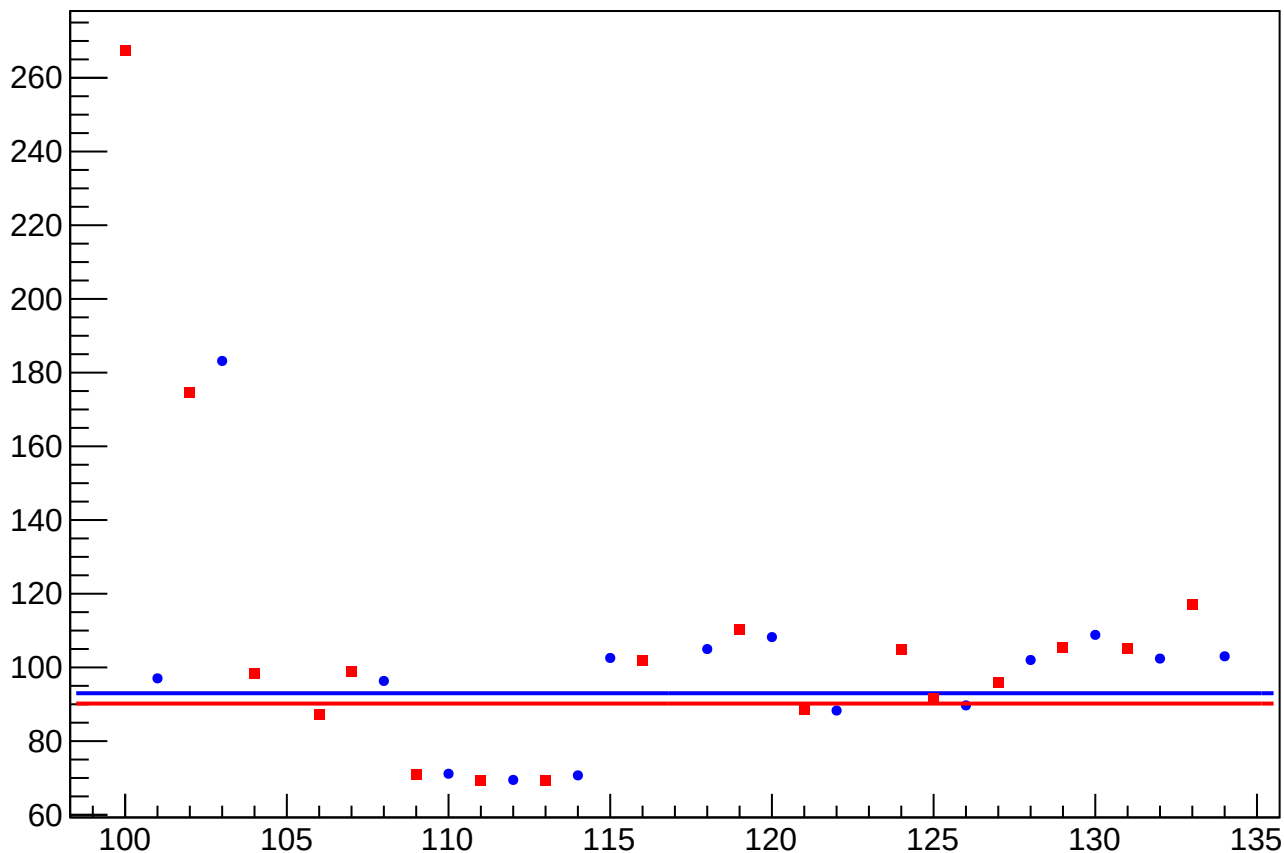
Right: -10.875 $\pm$ 26.303 χ^2 /NDF: 40.7/31

In: -63.911 $\pm$ 38.167 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.875 $\pm$ 26.303 χ^2 /NDF: 40.7/31

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 92.994+/-0.027 χ^2/NDF : 563459.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.190+/-0.026 χ^2/NDF : 743288.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

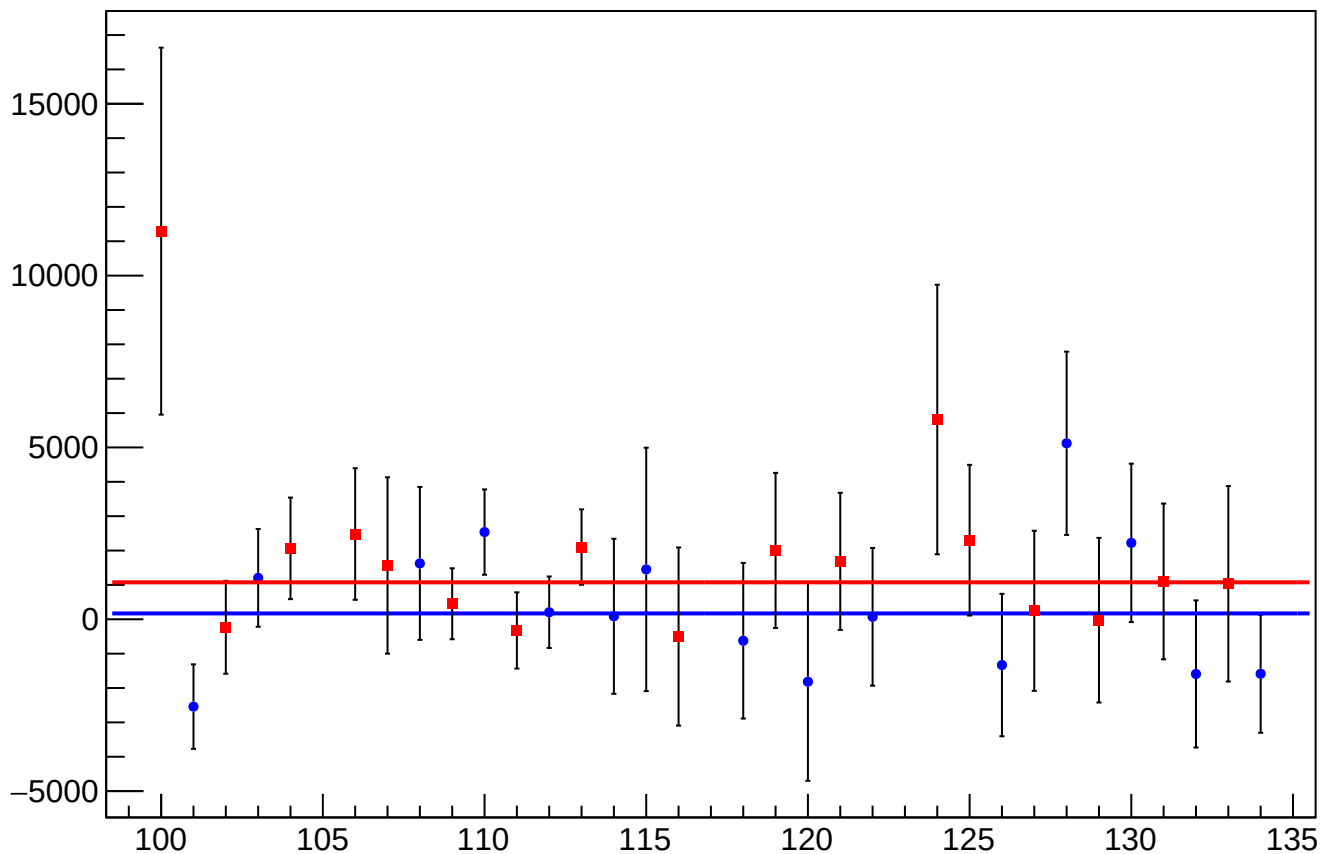
Right: 91.522+/-0.019 χ^2/NDF : 1312414.5/31

In: 92.994+/-0.027 χ^2/NDF : 563459.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.522+/-0.019 χ^2/NDF : 1312414.5/31

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 170.282 $\pm$ 452.202 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1075.676 $\pm$ 422.837 χ^2 /NDF: 11.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

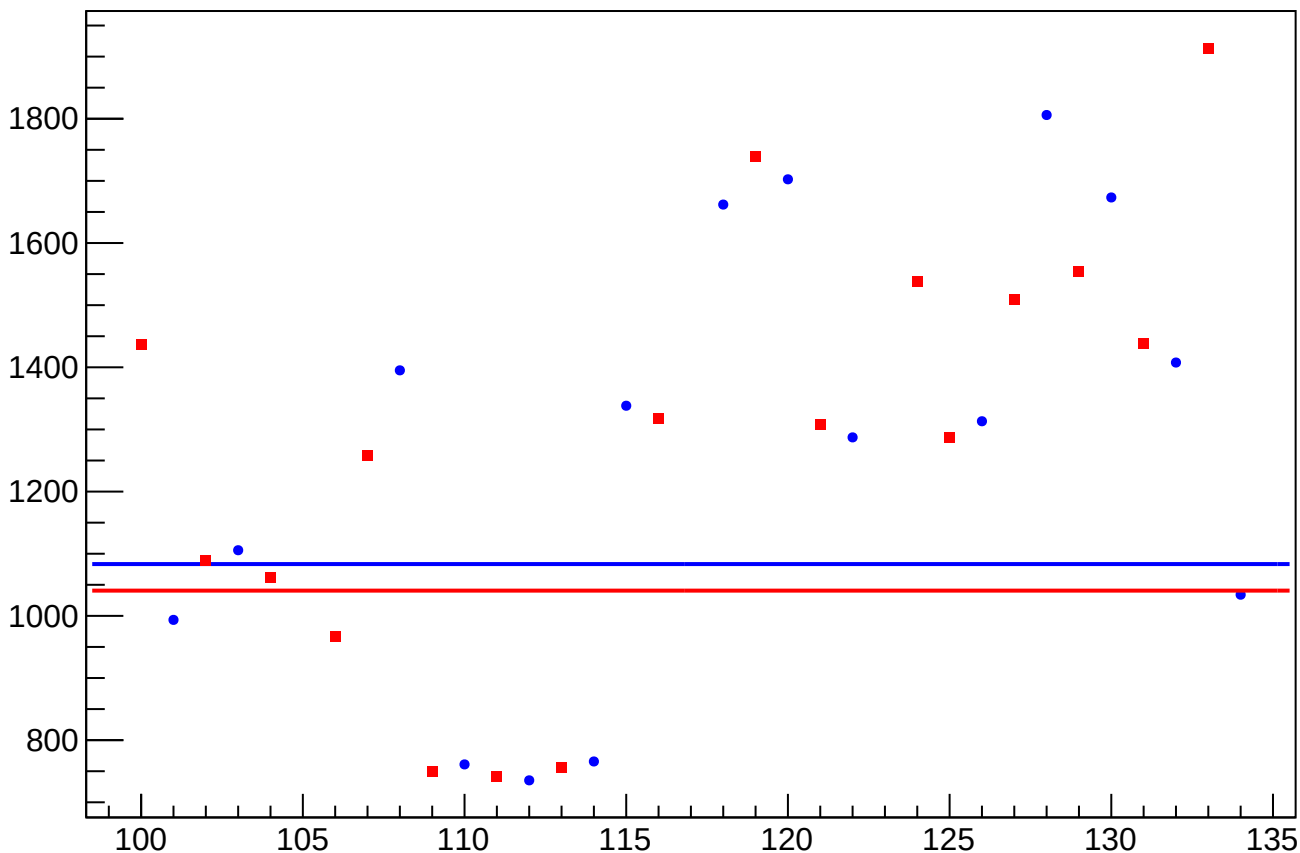
Right: 653.329 $\pm$ 308.851 χ^2 /NDF: 30.0/31

In: 170.282 $\pm$ 452.202 χ^2 /NDF:16.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 653.329 $\pm$ 308.851 χ^2 /NDF: 30.0/31

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1083.356+/-0.320 χ^2/NDF : 1052707.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1040.631+/-0.299 χ^2/NDF : 1199682.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

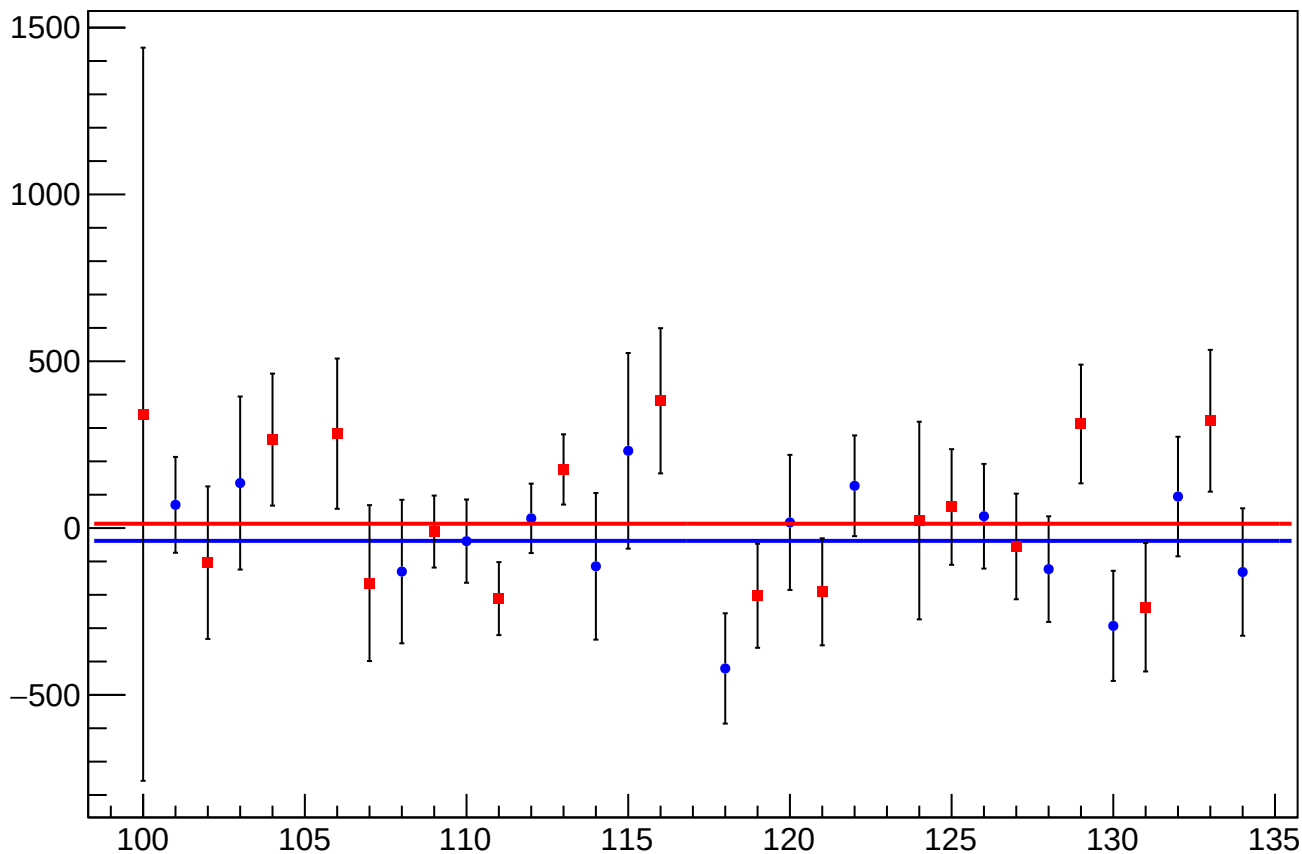
Right: 1060.562+/-0.218 χ^2/NDF : 2261915.8/31

In: 1083.356+/-0.320 χ^2/NDF : 1052707.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1060.562+/-0.218 χ^2/NDF : 2261915.8/31

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -38.291 ± 42.463 $\chi^2/\text{NDF}: 12.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.070 ± 40.501 $\chi^2/\text{NDF}: 23.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

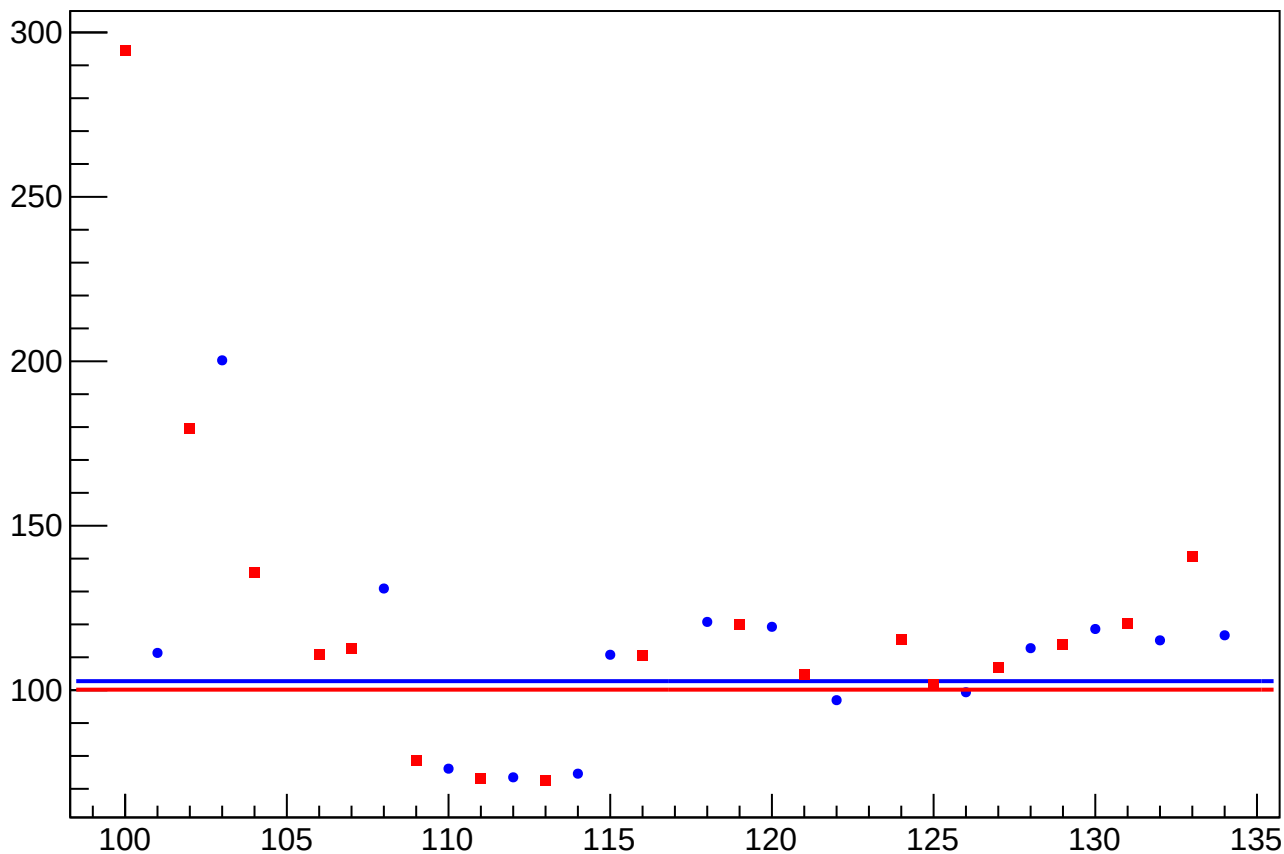
Right: -11.396 ± 29.308 $\chi^2/\text{NDF}: 37.6/31$

In: -38.291 ± 42.463 $\chi^2/\text{NDF}: 12.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.396 ± 29.308 $\chi^2/\text{NDF}: 37.6/31$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 102.742+/-0.030 χ^2/NDF : 695401.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.153+/-0.029 χ^2/NDF : 874967.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

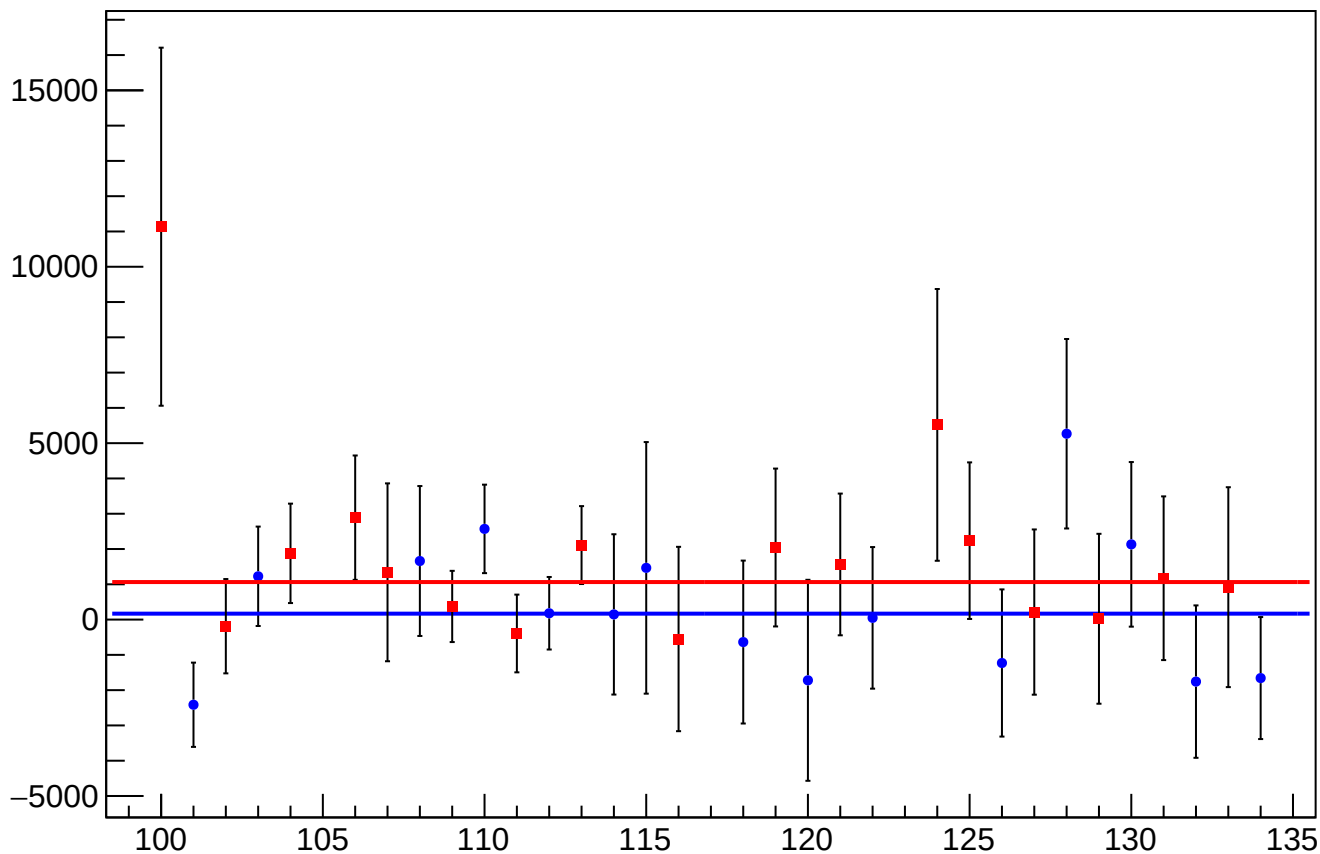
Right: 101.386+/-0.021 χ^2/NDF : 1574263.1/31

In: 102.742+/-0.030 χ^2/NDF : 695401.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.386+/-0.021 χ^2/NDF : 1574263.1/31

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 167.895+/-449.837 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.670+/-417.473 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

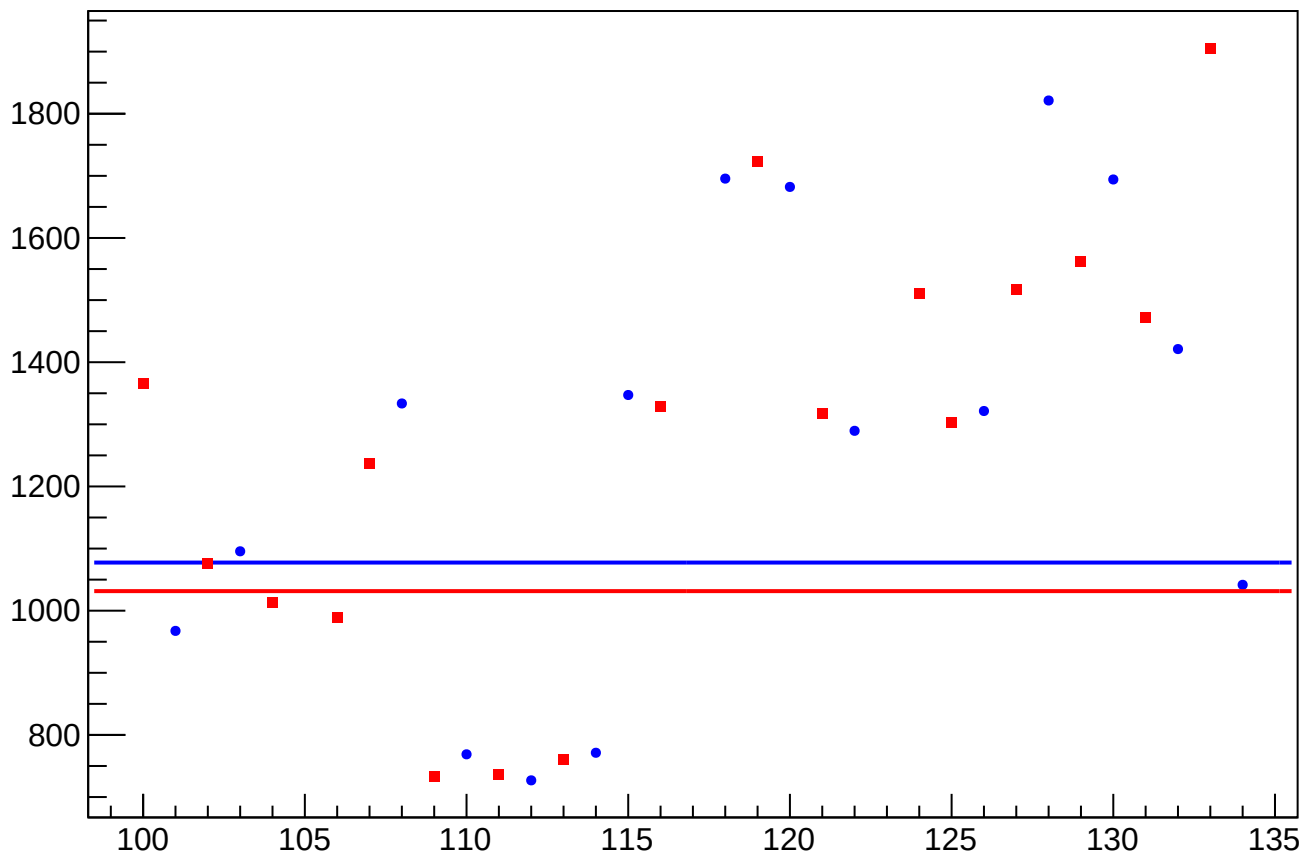
Right: 649.162+/-306.001 χ^2/NDF : 30.8/31

In: 167.895+/-449.837 χ^2/NDF : 16.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.162+/-306.001 χ^2/NDF : 30.8/31

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.478+/-0.318 χ^2/NDF : 1075917.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1031.493+/-0.295 χ^2/NDF : 1228182.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

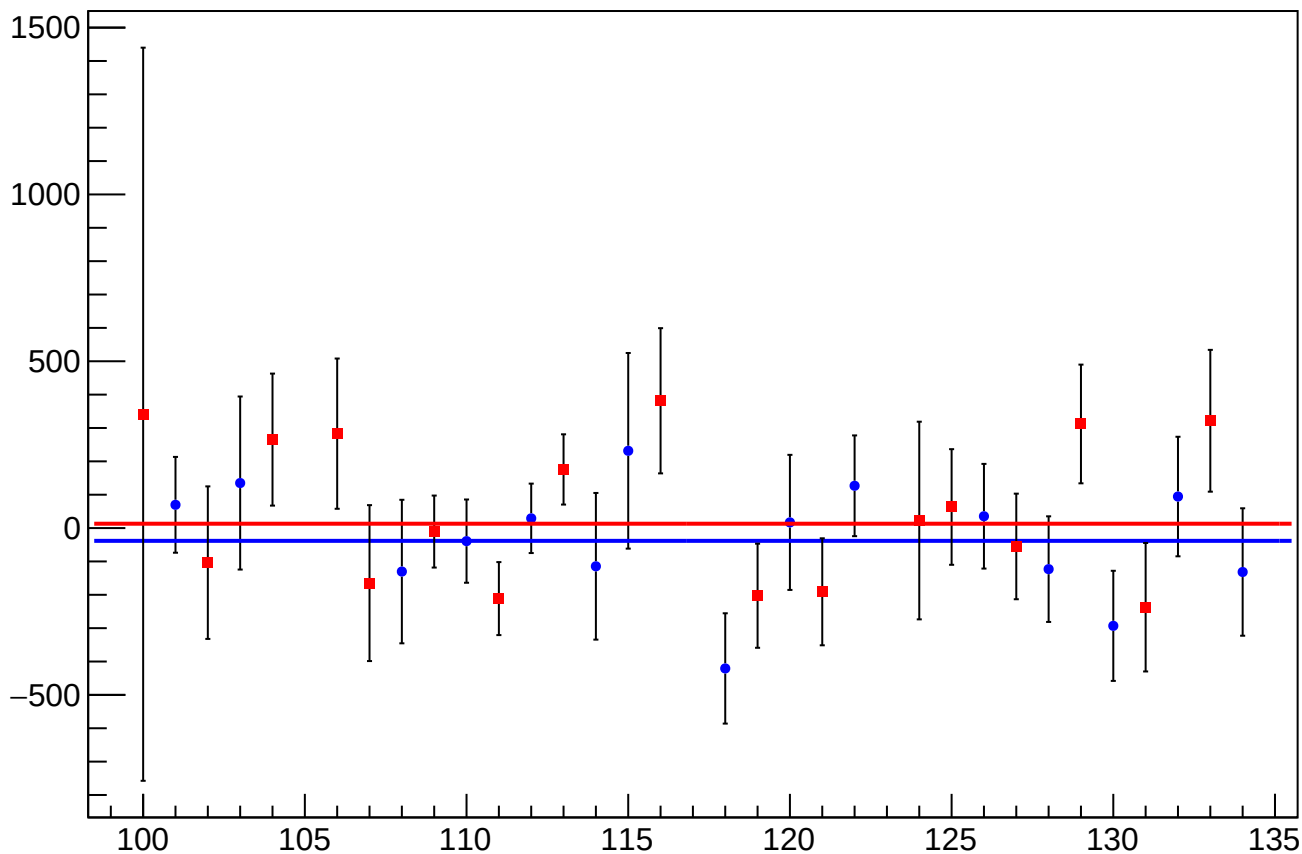
Right: 1052.772+/-0.216 χ^2/NDF : 2315328.1/31

In: 1077.478+/-0.318 χ^2/NDF :1075917.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1052.772+/-0.216 χ^2/NDF : 2315328.1/31

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -38.291 ± 42.464 χ^2/NDF : 12.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.067 ± 40.501 χ^2/NDF : 23.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

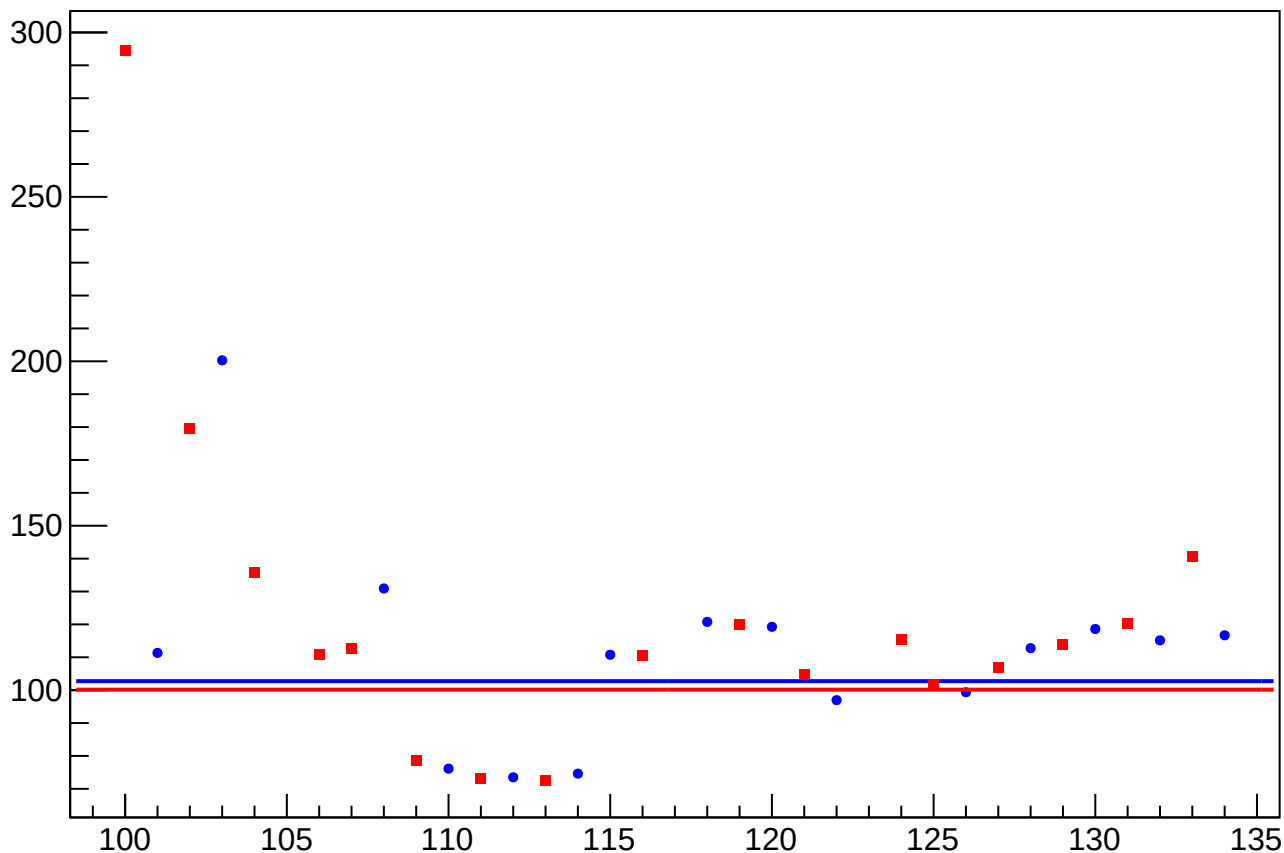
Right: -11.398 ± 29.308 χ^2/NDF : 37.6/31

In: -38.291 ± 42.464 χ^2/NDF : 12.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.398 ± 29.308 χ^2/NDF : 37.6/31

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 102.742+/-0.030 χ^2/NDF : 695400.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.153+/-0.029 χ^2/NDF : 874969.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

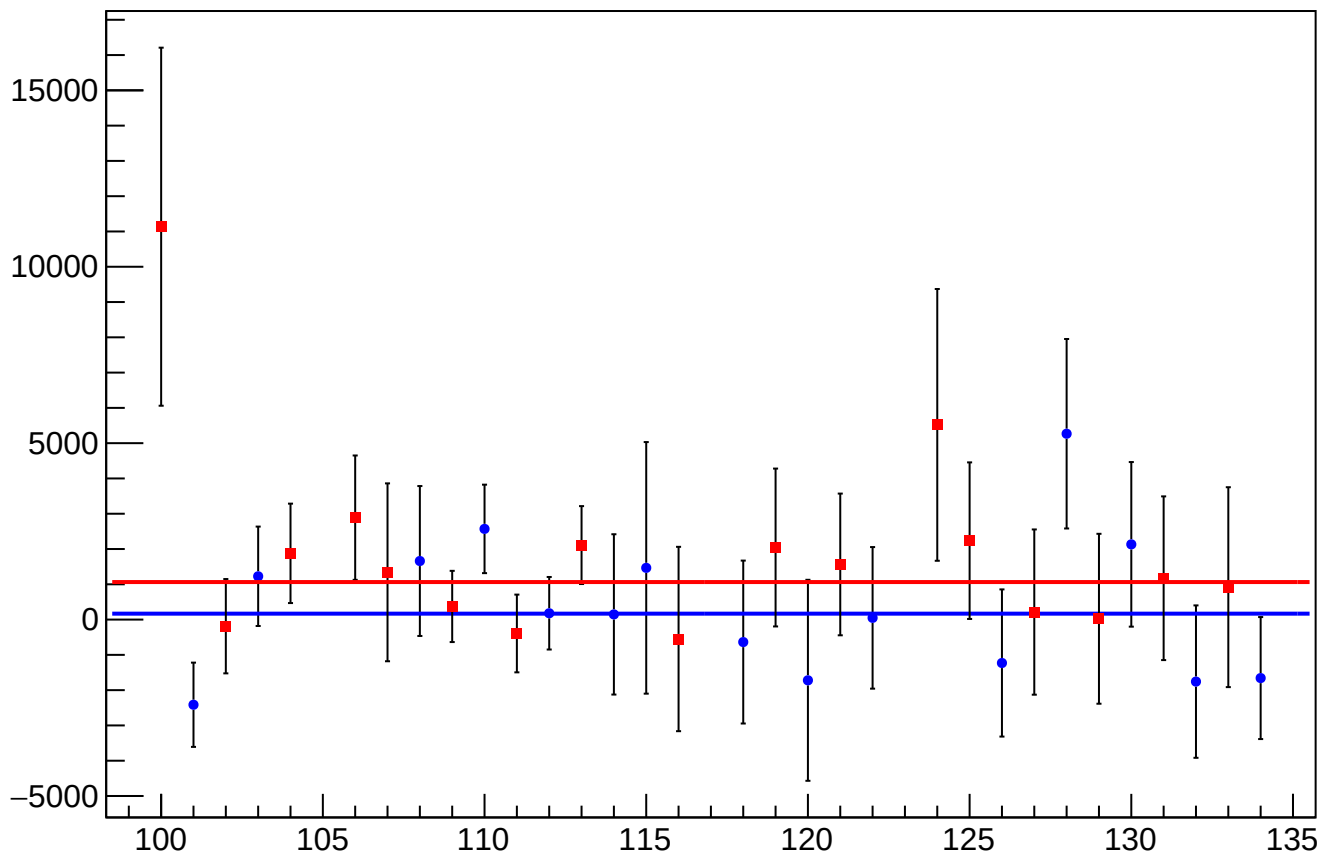
Right: 101.386+/-0.021 χ^2/NDF : 1574263.9/31

In: 102.742+/-0.030 χ^2/NDF : 695400.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.386+/-0.021 χ^2/NDF : 1574263.9/31

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 167.895+/-449.836 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.668+/-417.473 χ^2/NDF : 11.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

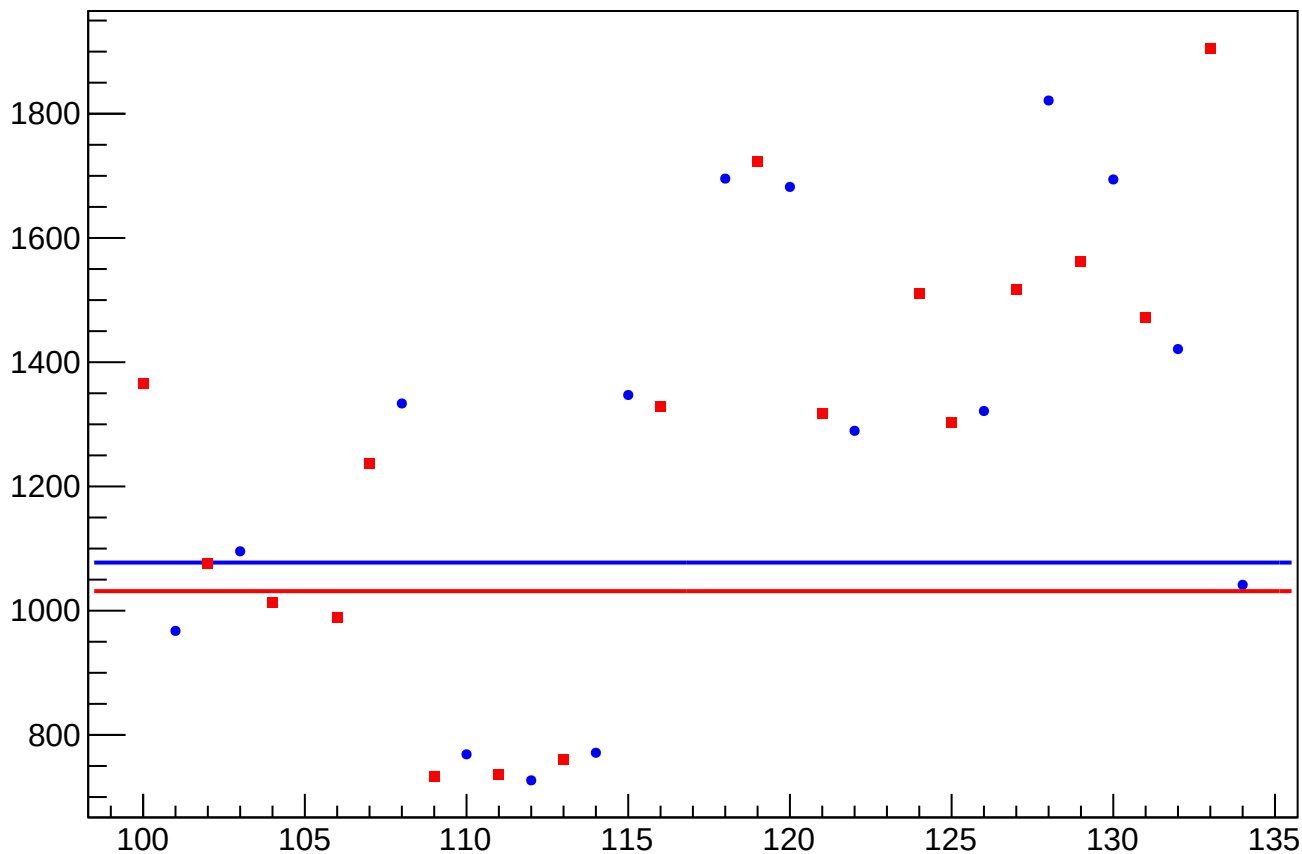
Right: 649.161+/-306.000 χ^2/NDF : 30.8/31

In: 167.895+/-449.836 χ^2/NDF : 16.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.161+/-306.000 χ^2/NDF : 30.8/31

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.476+/-0.318 χ^2/NDF : 1075922.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1031.491+/-0.295 χ^2/NDF : 1228184.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

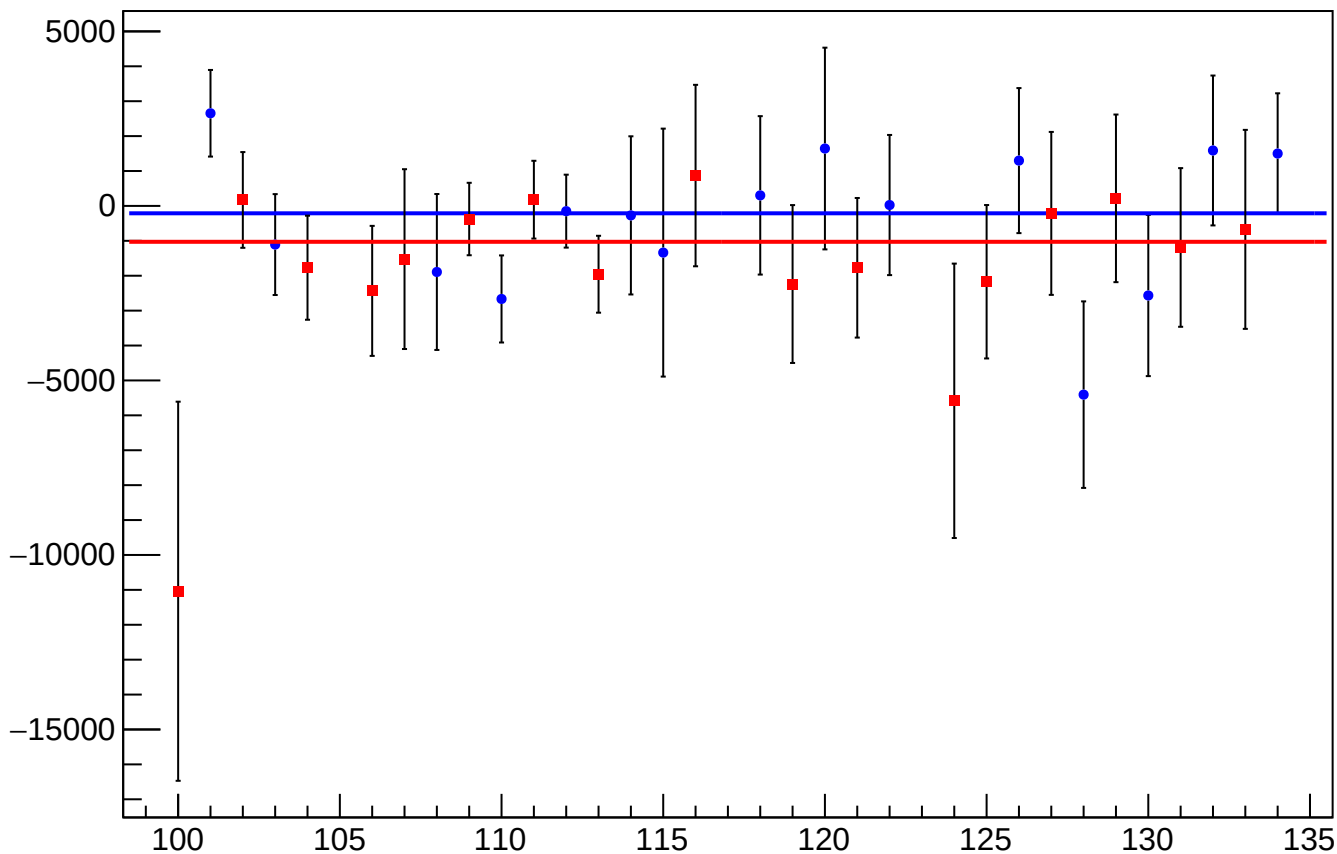
Right: 1052.770+/-0.216 χ^2/NDF : 2315336.5/31

In: 1077.476+/-0.318 χ^2/NDF :1075922.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1052.770+/-0.216 χ^2/NDF : 2315336.5/31

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -211.536 ± 454.773 χ^2/NDF : 17.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1028.063 ± 424.394 χ^2/NDF : 10.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

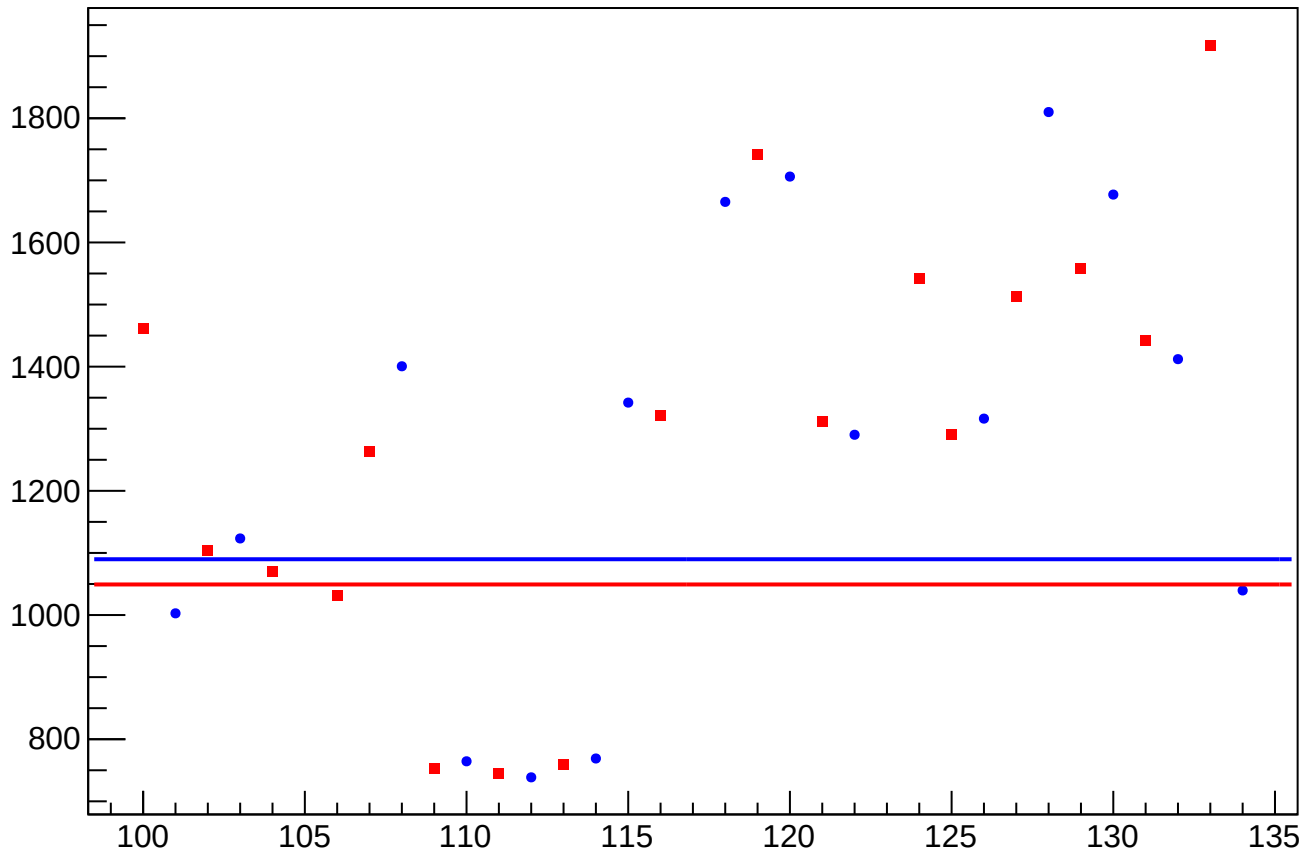
Right: -647.980 ± 310.276 χ^2/NDF : 29.8/31

In: -211.536 ± 454.773 χ^2/NDF : 17.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -647.980 ± 310.276 χ^2/NDF : 29.8/31

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1089.848+/-0.322 χ^2/NDF : 1046525.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1049.226+/-0.300 χ^2/NDF : 1192703.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

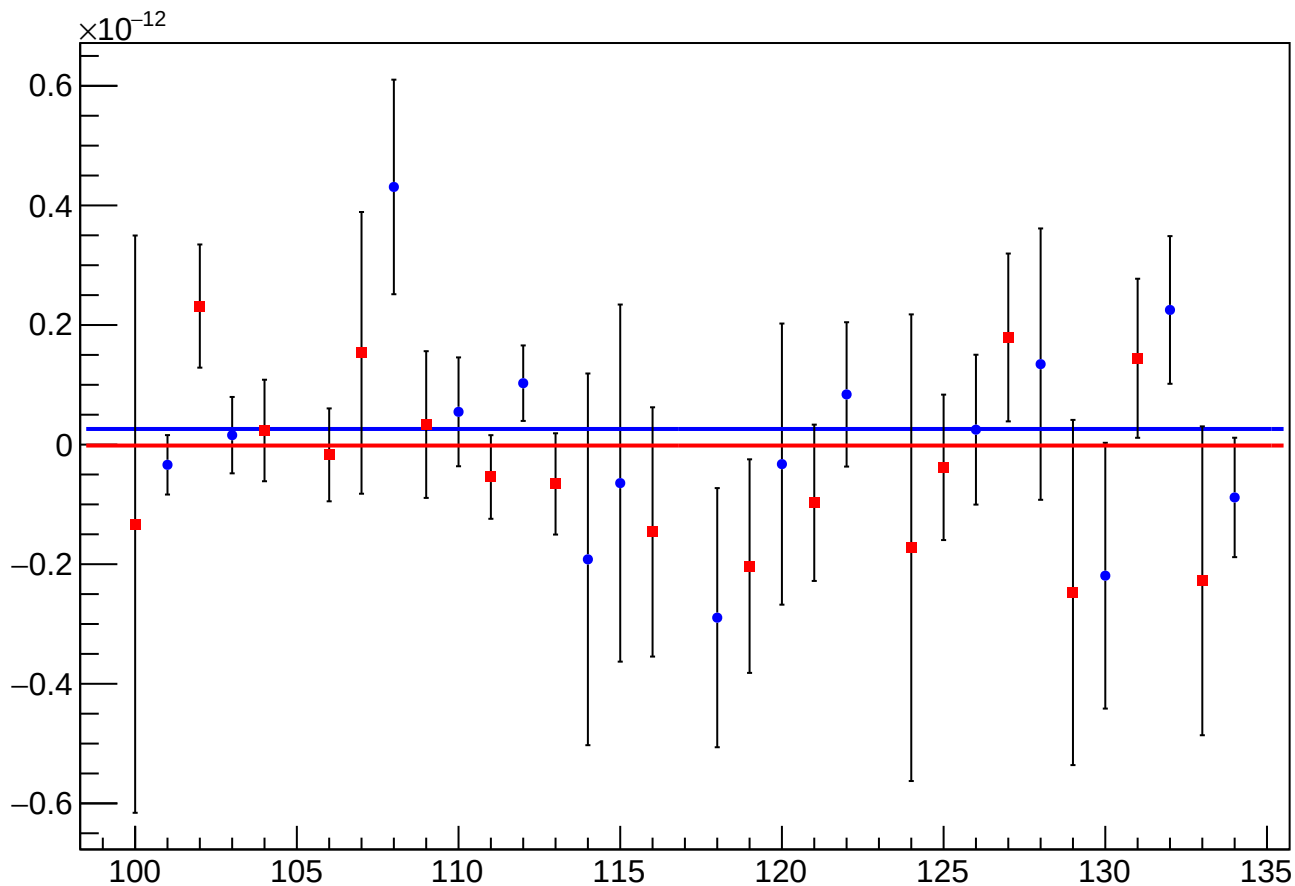
Right: 1068.135+/-0.219 χ^2/NDF : 2247758.7/31

In: 1089.848+/-0.322 χ^2/NDF : 1046525.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.135+/-0.219 χ^2/NDF : 2247758.7/31

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

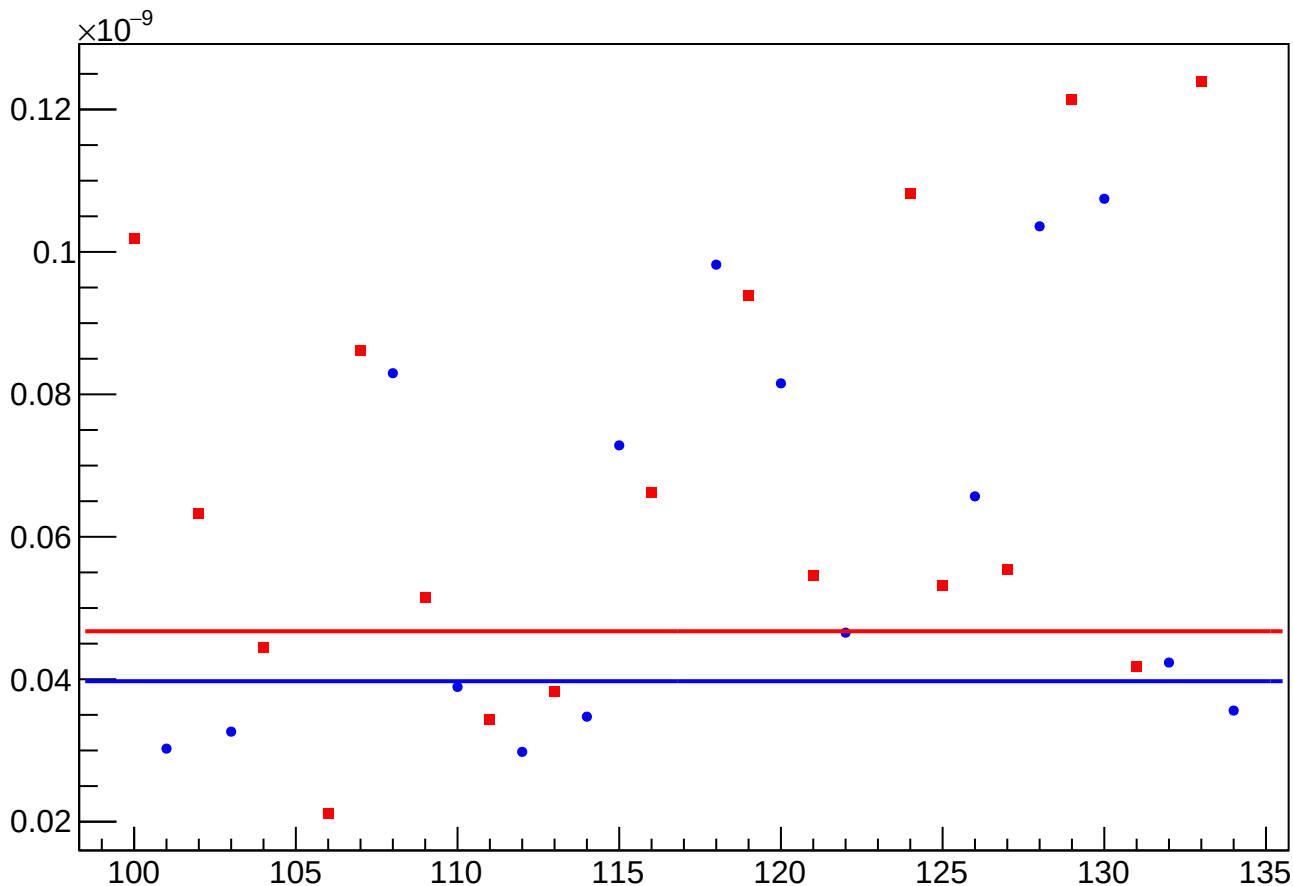
Right: 0.000+/-0.000 χ^2/NDF : 30.9/31

In: 0.000+/-0.000 χ^2/NDF : 16.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.9/31

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 937626.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979735.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

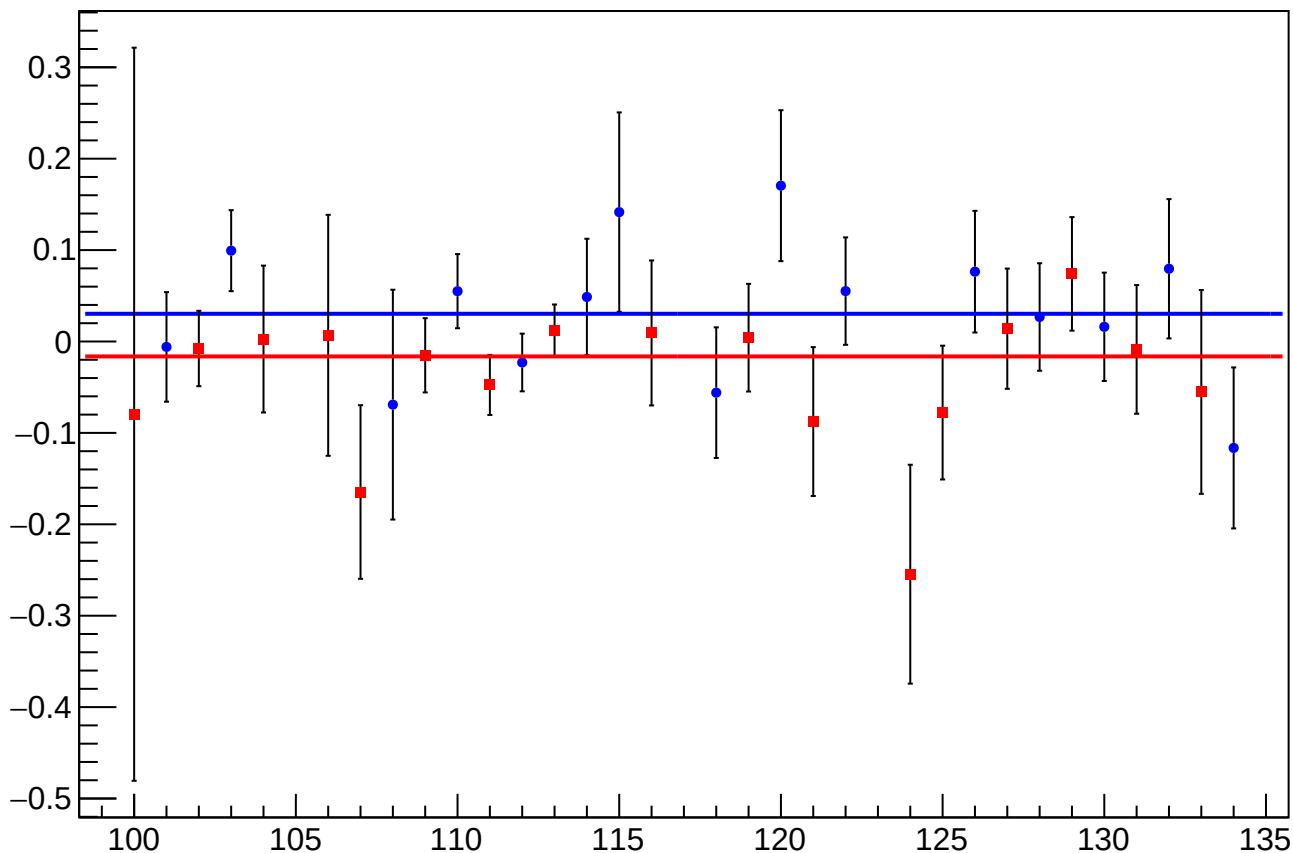
Right: 0.000+/-0.000 χ^2/NDF : 1980560.0/31

In: 0.000+/-0.000 χ^2/NDF : 937626.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1980560.0/31

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.015 χ^2 /NDF: 16.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 12.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

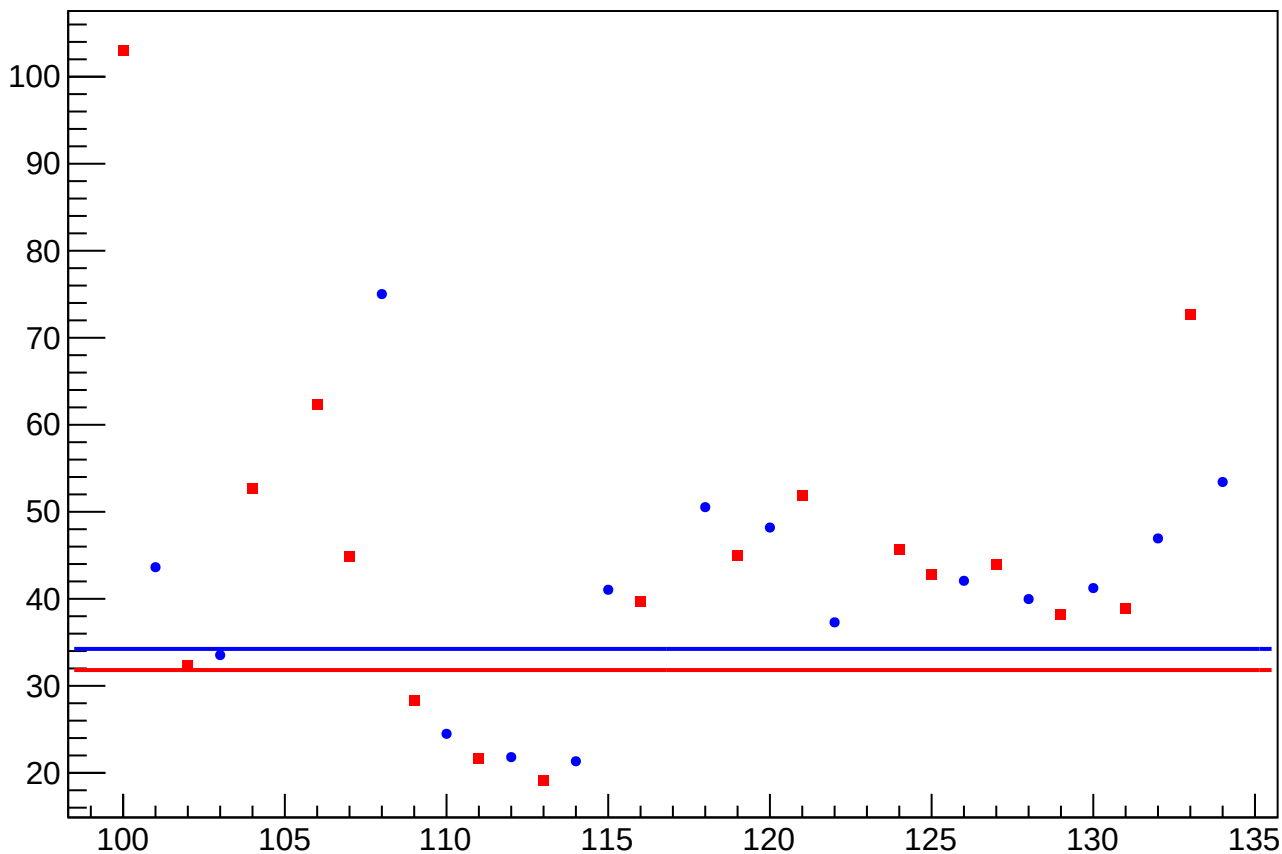
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 34.0/31

In: 0.030 $\pm$ 0.015 χ^2 /NDF:16.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 34.0/31

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.245+/-0.011 χ^2/NDF : 1167641.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.817+/-0.010 χ^2/NDF : 1642359.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

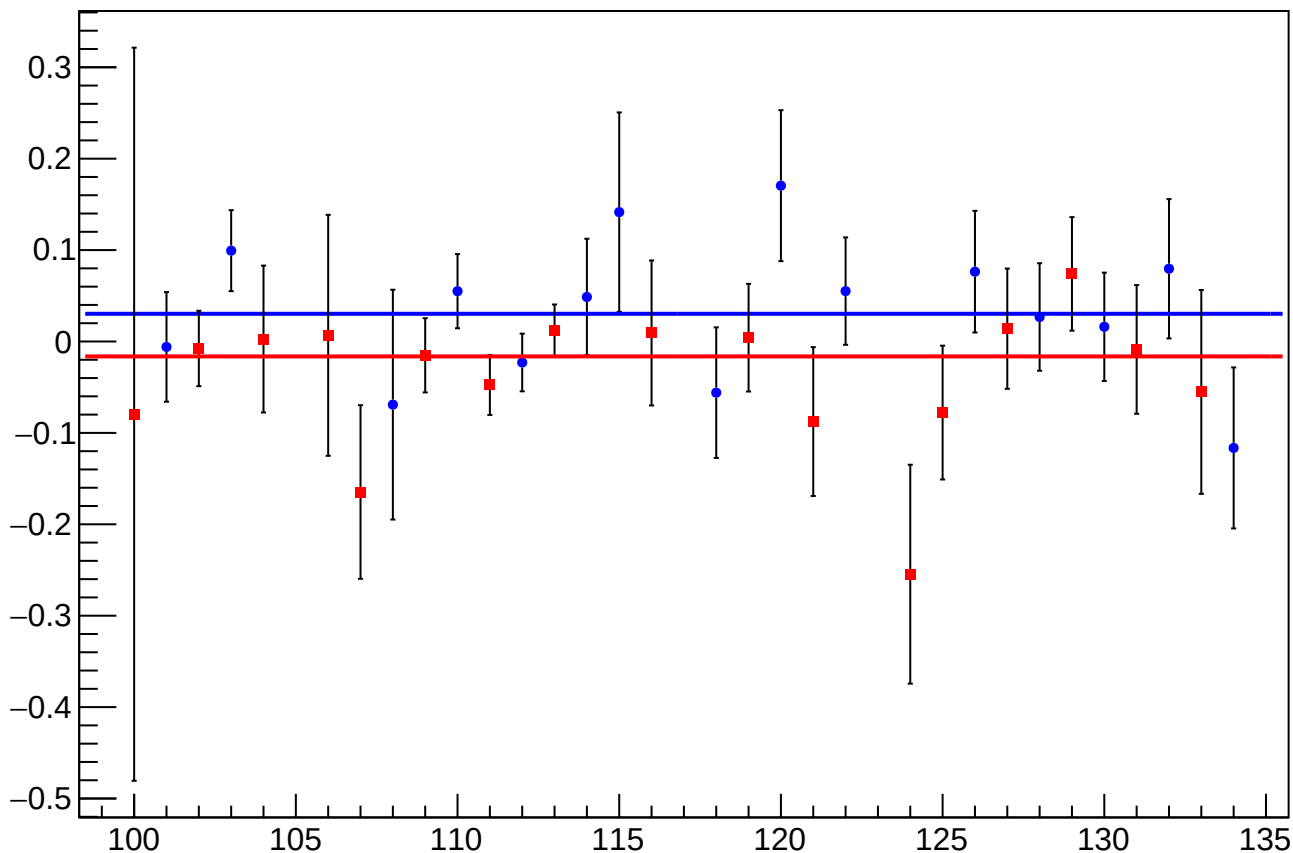
Right: 32.932+/-0.007 χ^2/NDF : 2838850.6/31

In: 34.245+/-0.011 χ^2/NDF : 1167641.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.932+/-0.007 χ^2/NDF : 2838850.6/31

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.015 χ^2 /NDF: 16.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 12.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

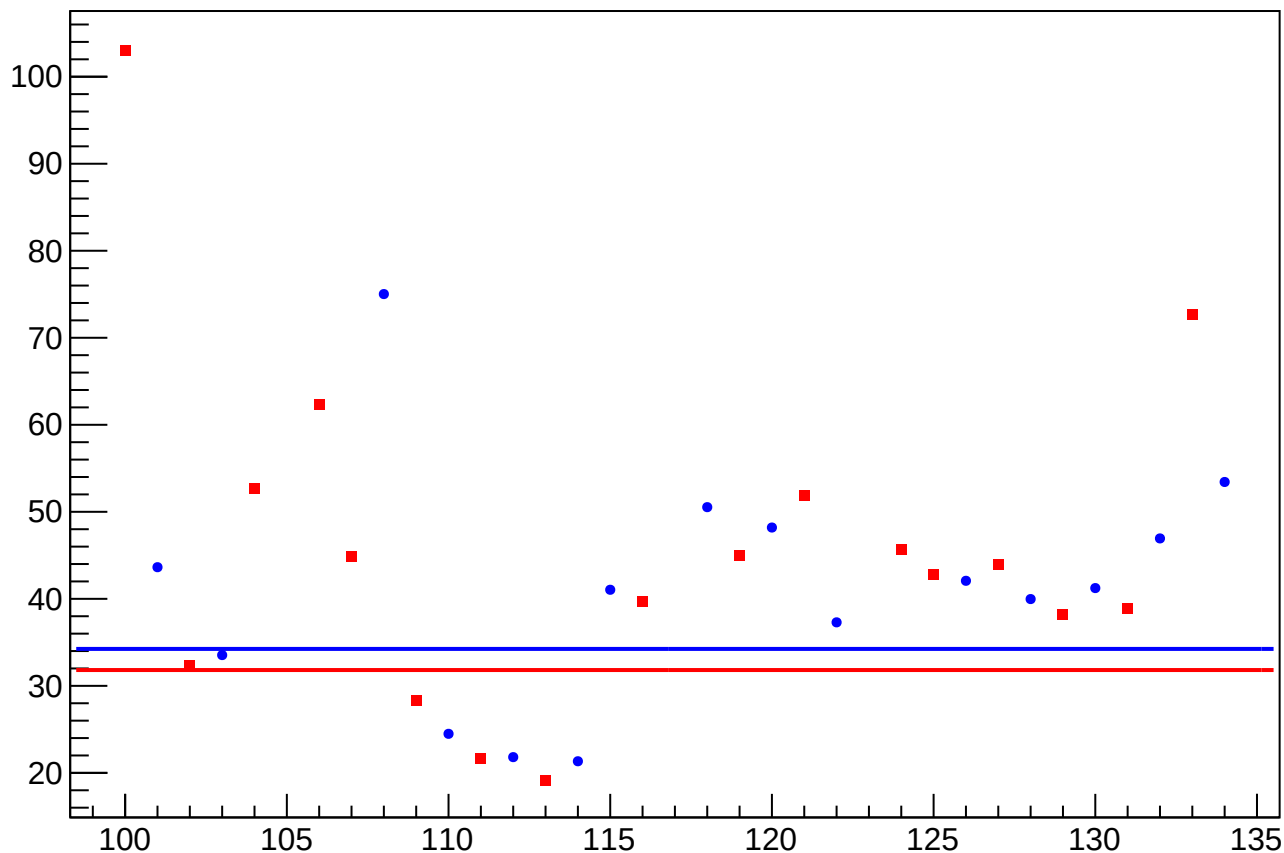
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 34.0/31

In: 0.030 $\pm$ 0.015 χ^2 /NDF:16.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 34.0/31

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.245 $\pm$ 0.011 χ^2 /NDF: 1167641.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.817 $\pm$ 0.010 χ^2 /NDF: 1642359.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

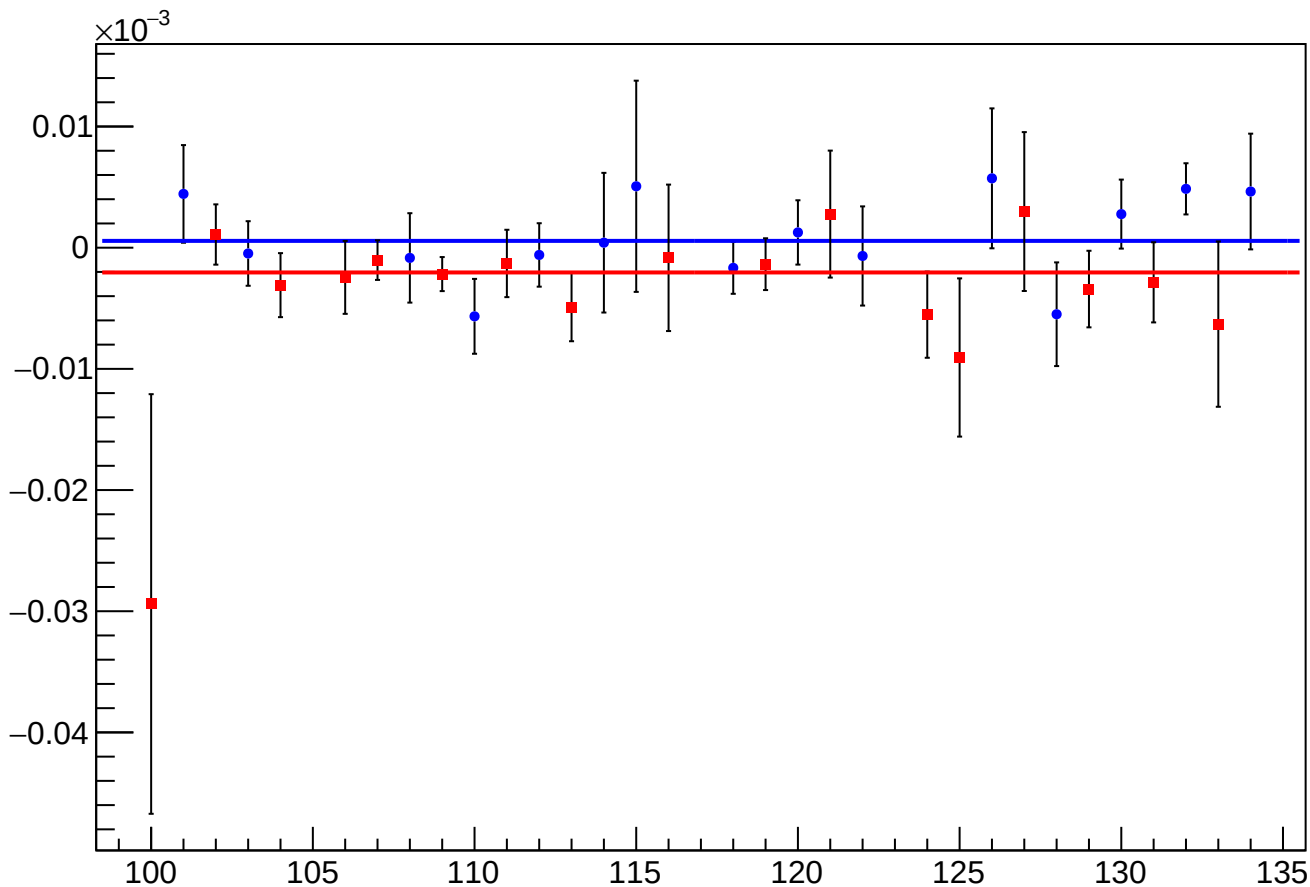
Right: 32.932 $\pm$ 0.007 χ^2 /NDF: 2838850.6/31

In: 34.245 $\pm$ 0.011 χ^2 /NDF:1167641.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.932 $\pm$ 0.007 χ^2 /NDF: 2838850.6/31

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

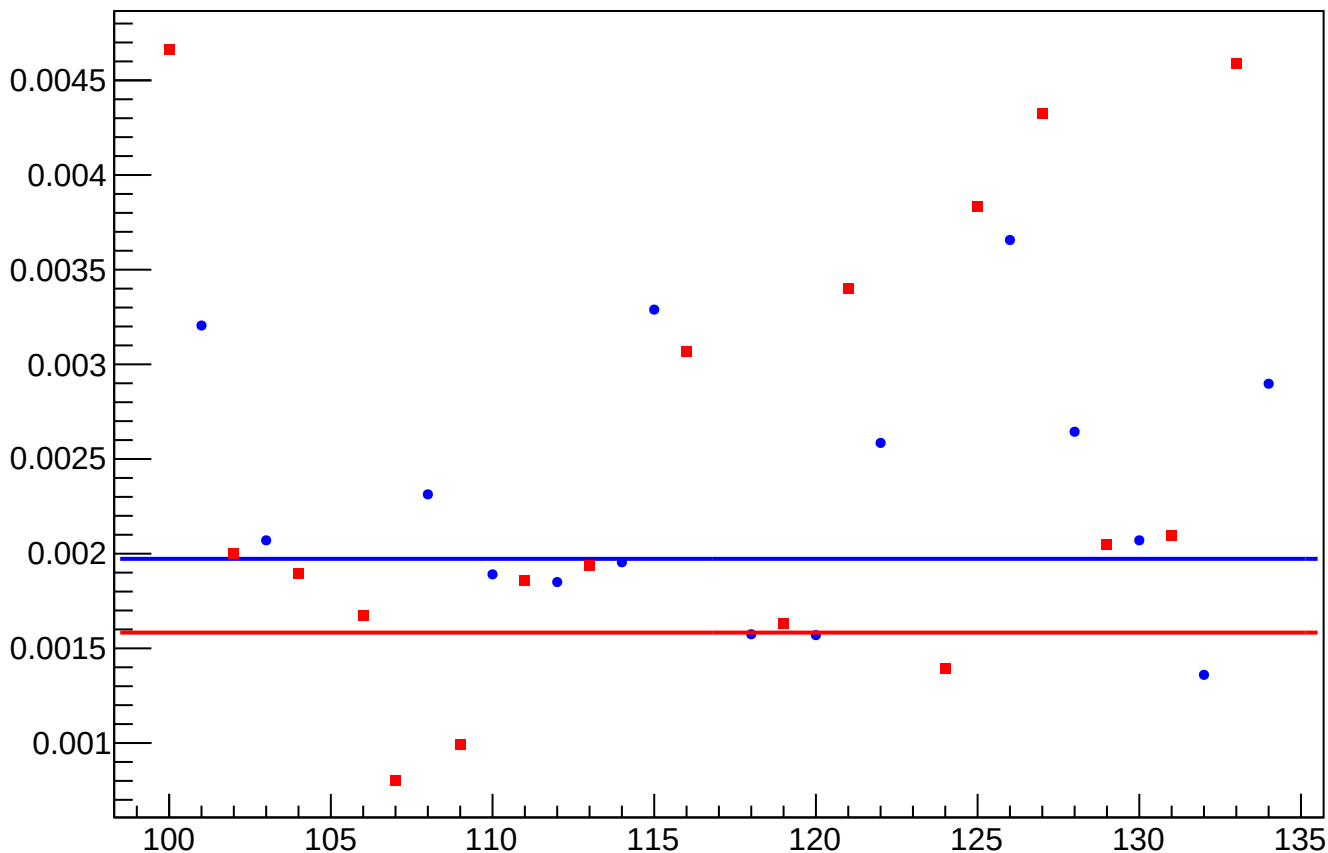
Right: -0.000+/-0.000 χ^2/NDF : 31.3/31

In: 0.000+/-0.000 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.3/31

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 883486.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2446543.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

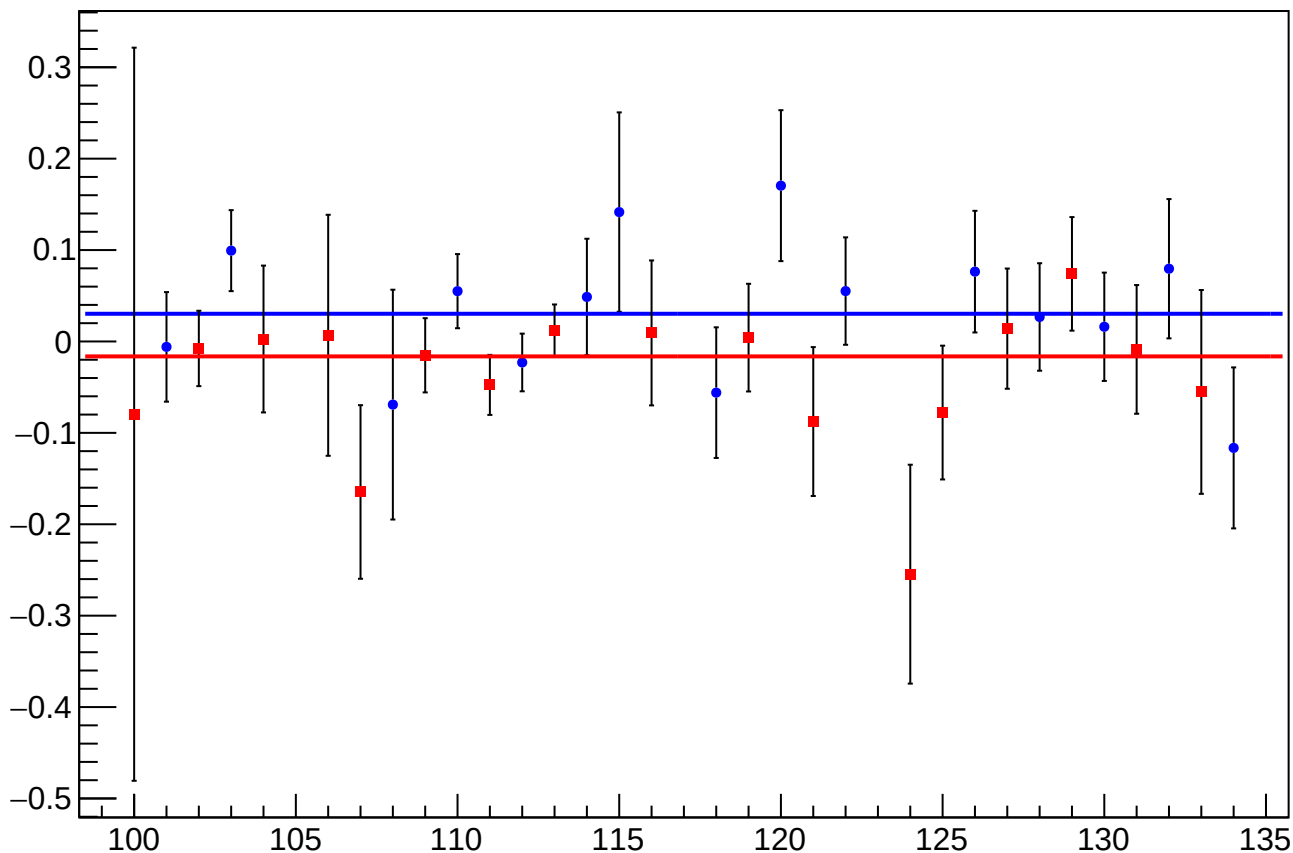
Right: 0.002+/-0.000 χ^2/NDF : 3595810.9/31

In: 0.002+/-0.000 χ^2/NDF :883486.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3595810.9/31

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.015 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

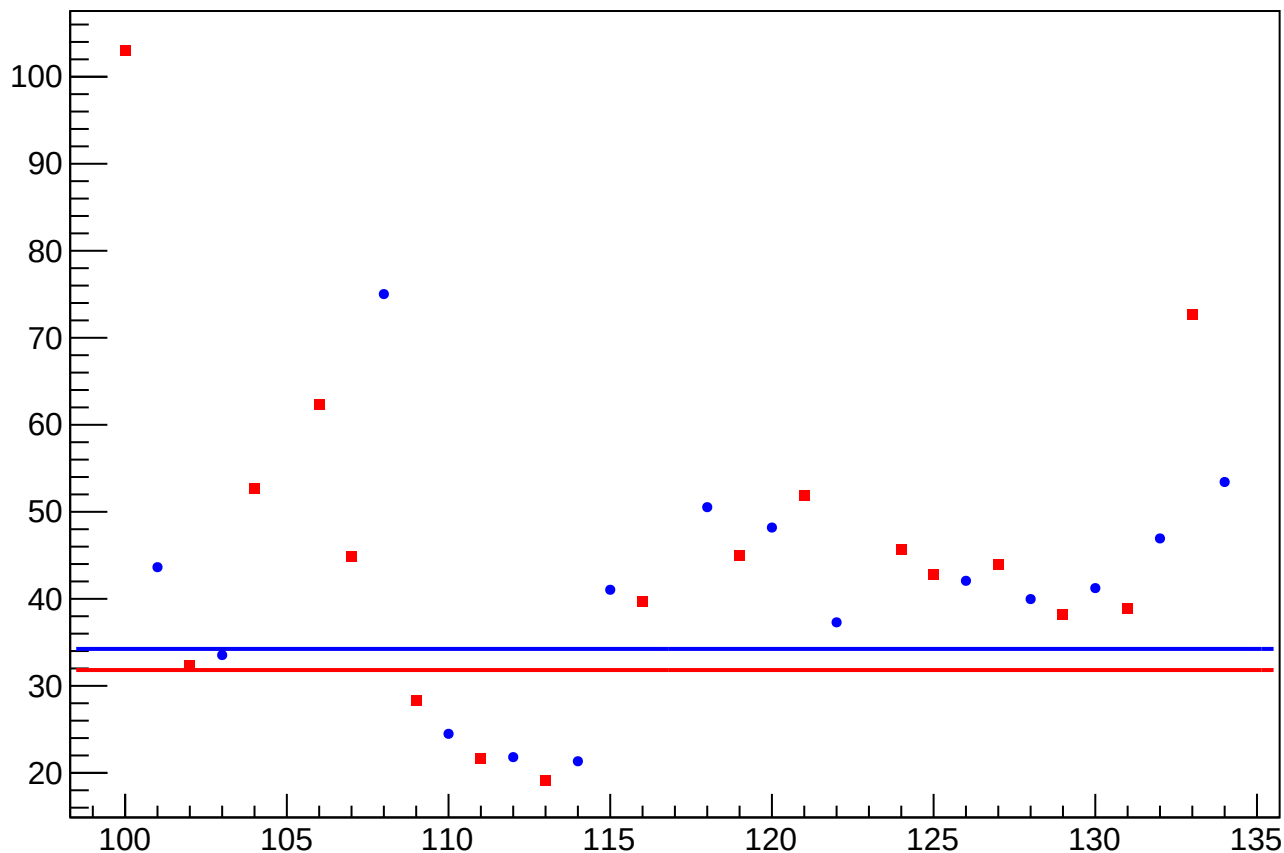
Right: 0.005+/-0.010 χ^2/NDF : 34.0/31

In: 0.030+/-0.015 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.010 χ^2/NDF : 34.0/31

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.245+/-0.011 χ^2/NDF : 1167597.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.818+/-0.010 χ^2/NDF : 1642329.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

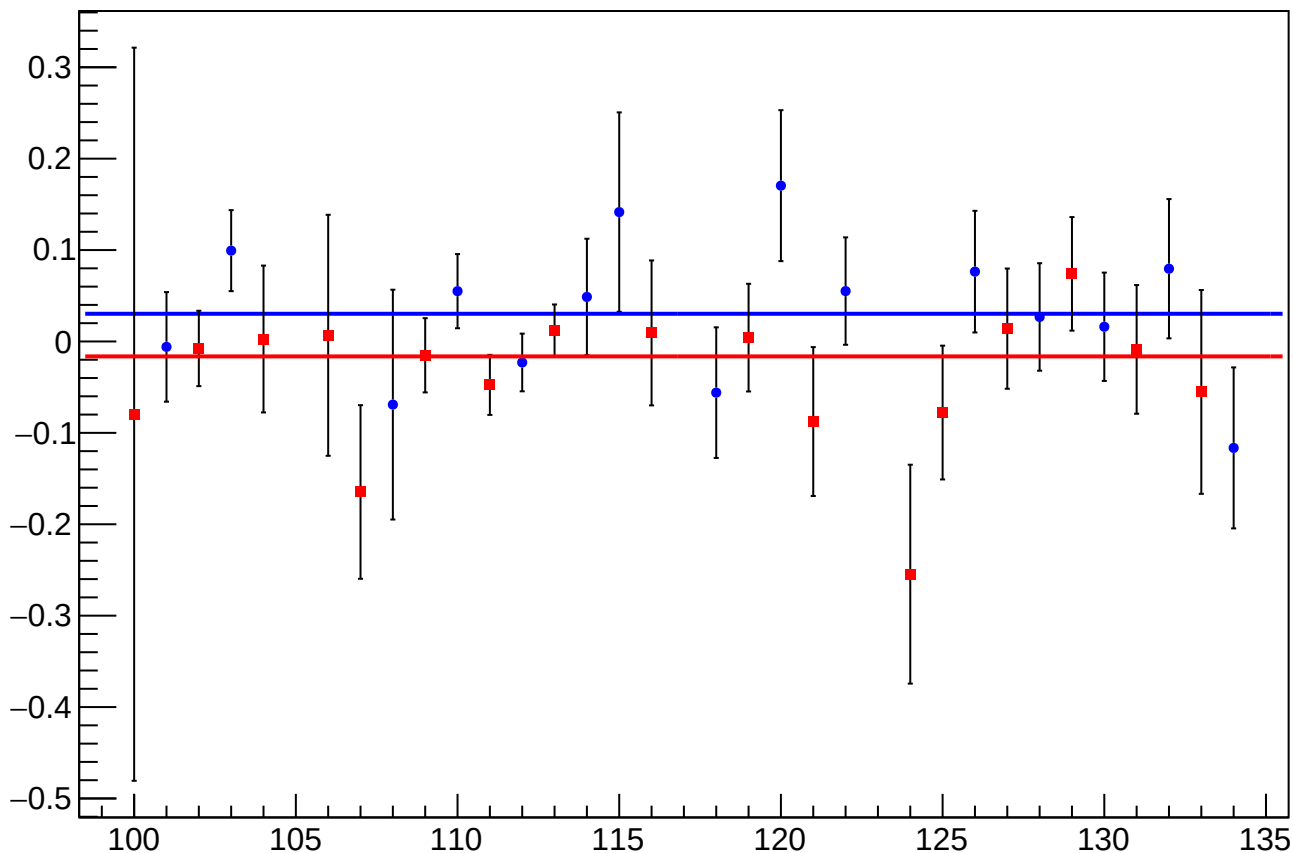
Right: 32.933+/-0.007 χ^2/NDF : 2838775.8/31

In: 34.245+/-0.011 χ^2/NDF : 1167597.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.933+/-0.007 χ^2/NDF : 2838775.8/31

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.015 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

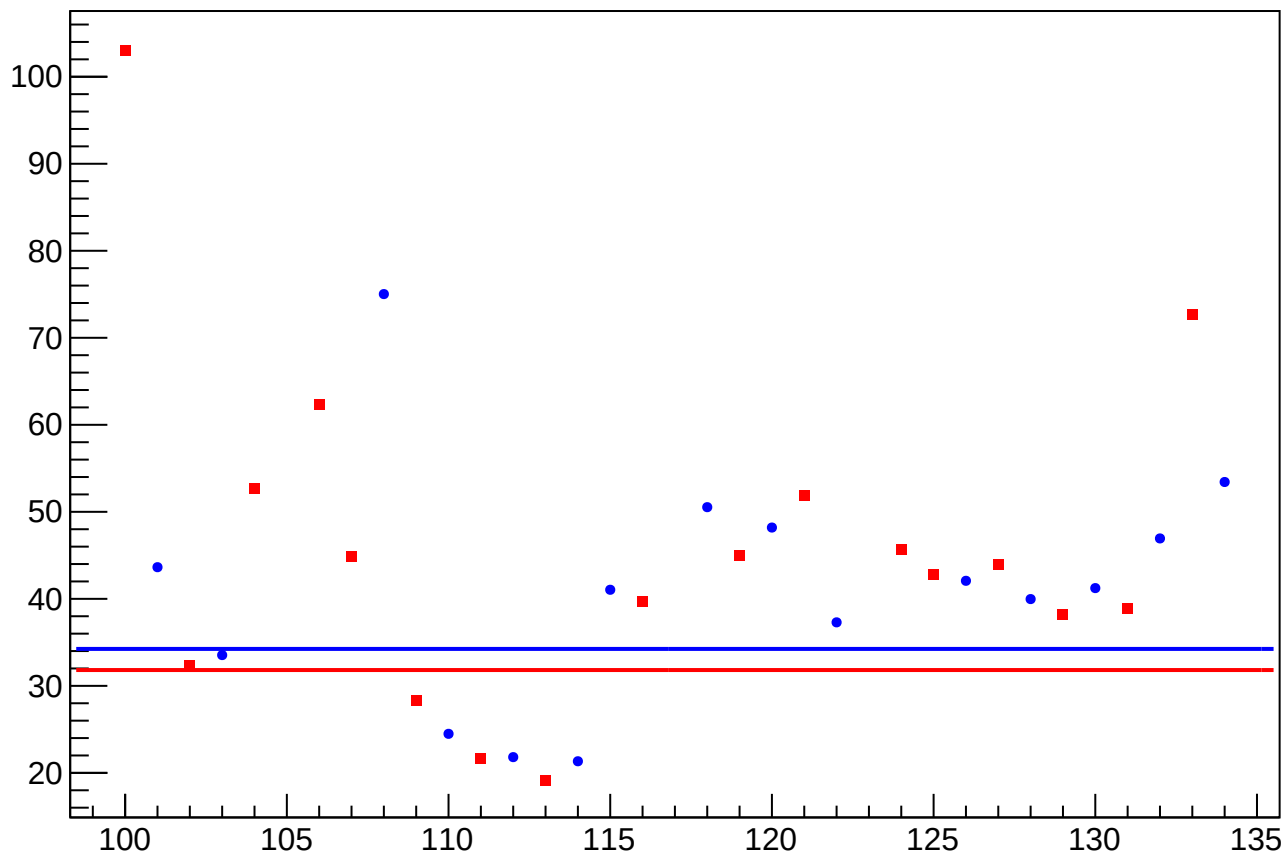
Right: 0.005+/-0.010 χ^2/NDF : 34.0/31

In: 0.030+/-0.015 χ^2/NDF : 16.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.010 χ^2/NDF : 34.0/31

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.245+/-0.011 χ^2/NDF : 1167597.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.818+/-0.010 χ^2/NDF : 1642329.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

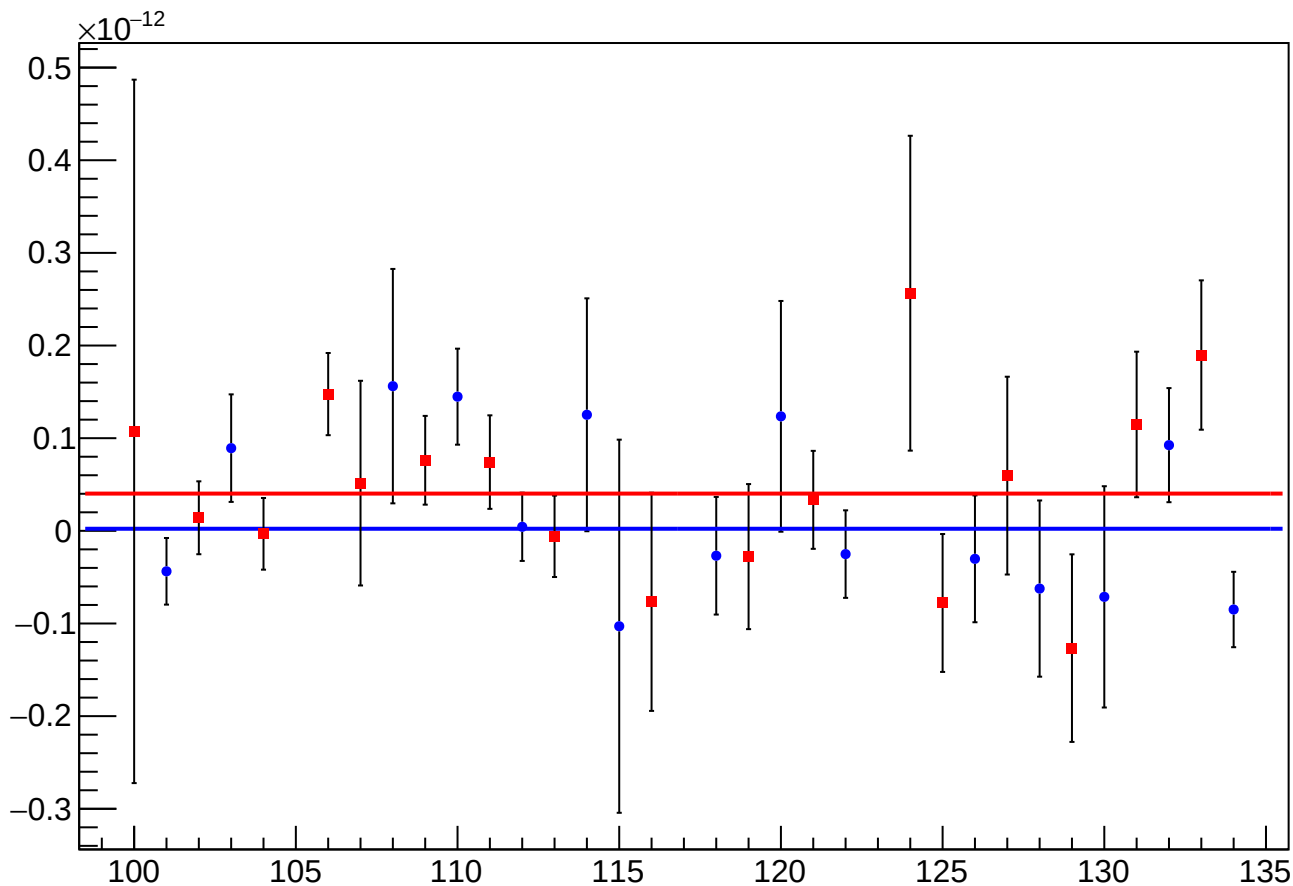
Right: 32.933+/-0.007 χ^2/NDF : 2838775.8/31

In: 34.245+/-0.011 χ^2/NDF : 1167597.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.933+/-0.007 χ^2/NDF : 2838775.8/31

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

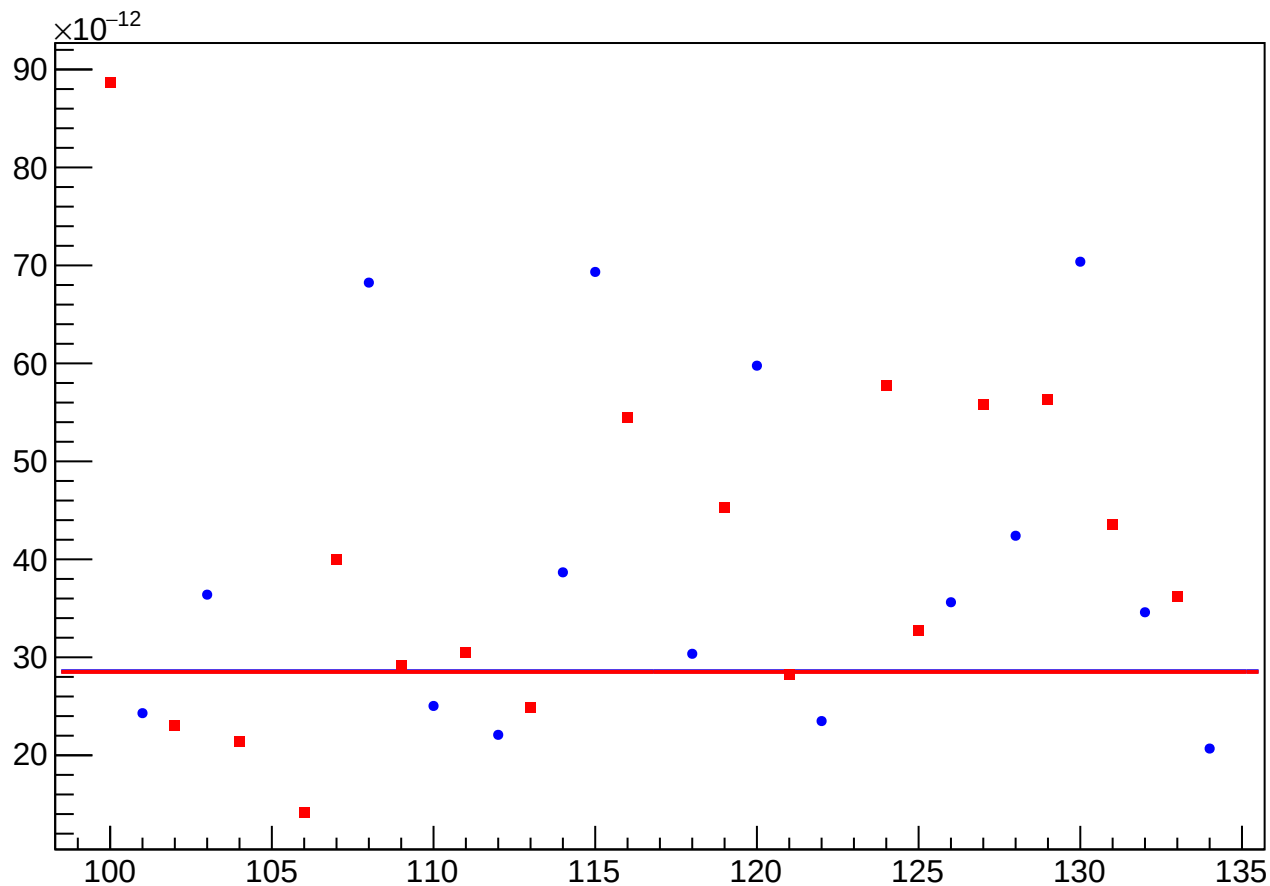
Right: 0.000+/-0.000 χ^2/NDF : 49.4/31

In: 0.000+/-0.000 χ^2/NDF : 23.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 49.4/31

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 980590.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1033305.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

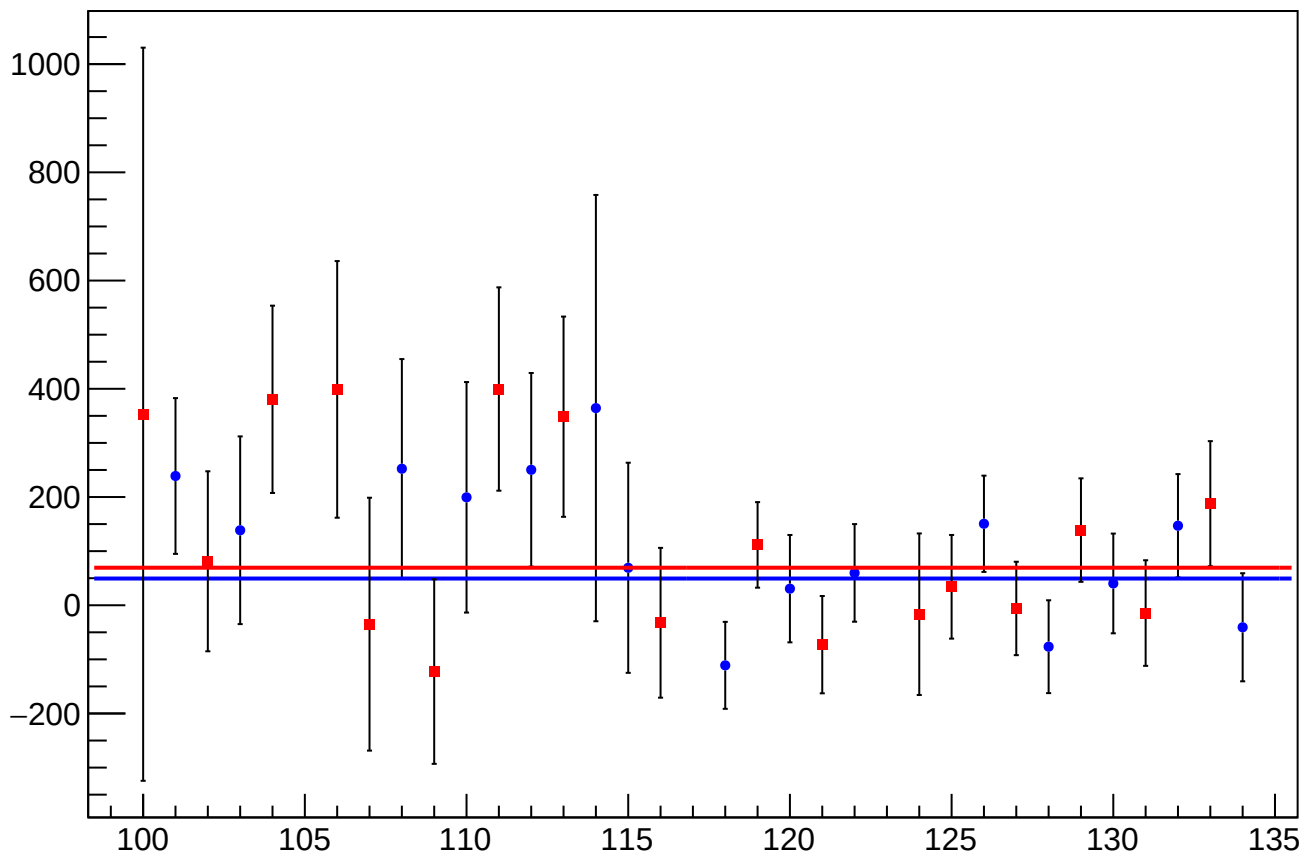
Right: 0.000+/-0.000 χ^2/NDF : 2013915.6/31

In: 0.000+/-0.000 χ^2/NDF : 980590.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2013915.6/31

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 49.397 $\pm$ 29.341 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.380 $\pm$ 29.973 χ^2 /NDF: 19.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

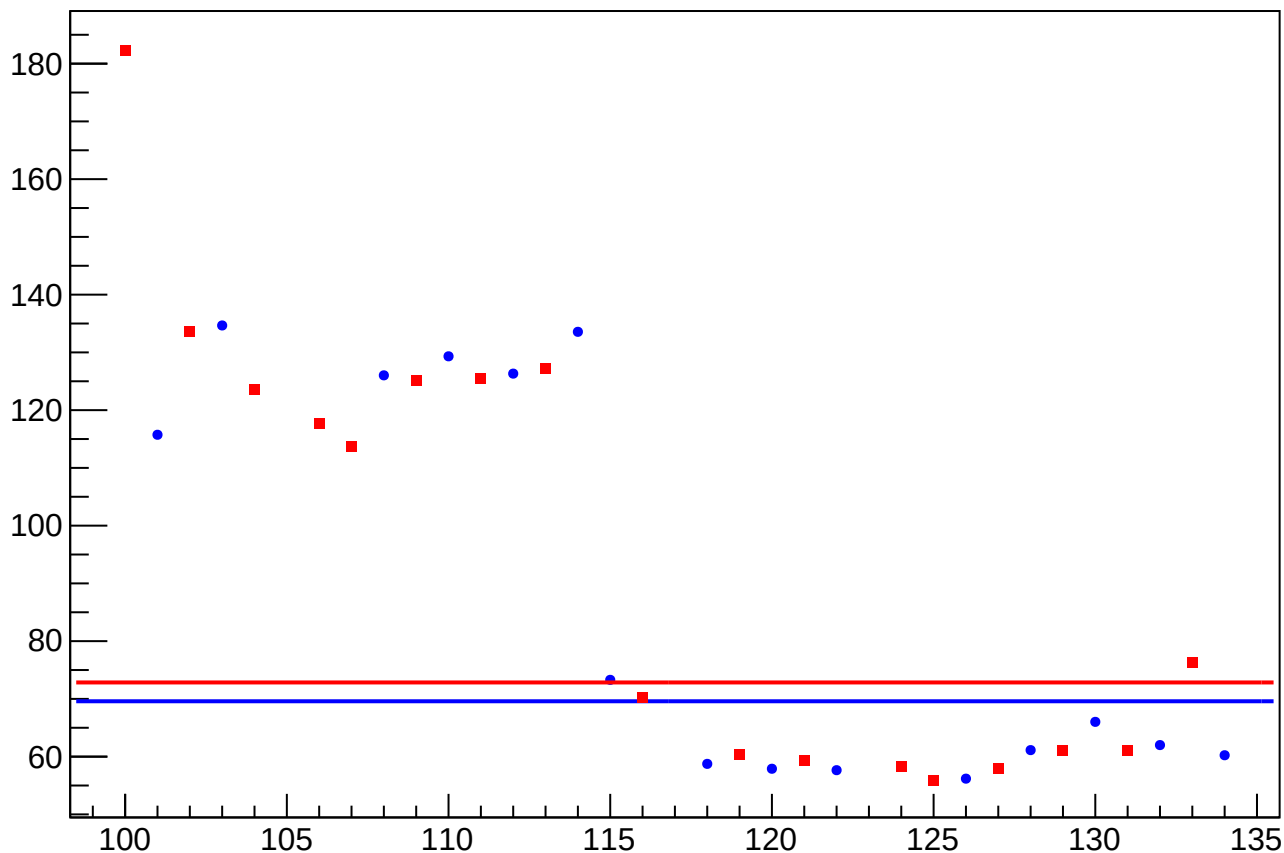
Right: 59.175 $\pm$ 20.967 χ^2 /NDF: 34.0/31

In: 49.397 $\pm$ 29.341 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.175 $\pm$ 20.967 χ^2 /NDF: 34.0/31

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 69.589+/-0.021 χ^2/NDF : 1251295.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.847+/-0.021 χ^2/NDF : 1438643.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

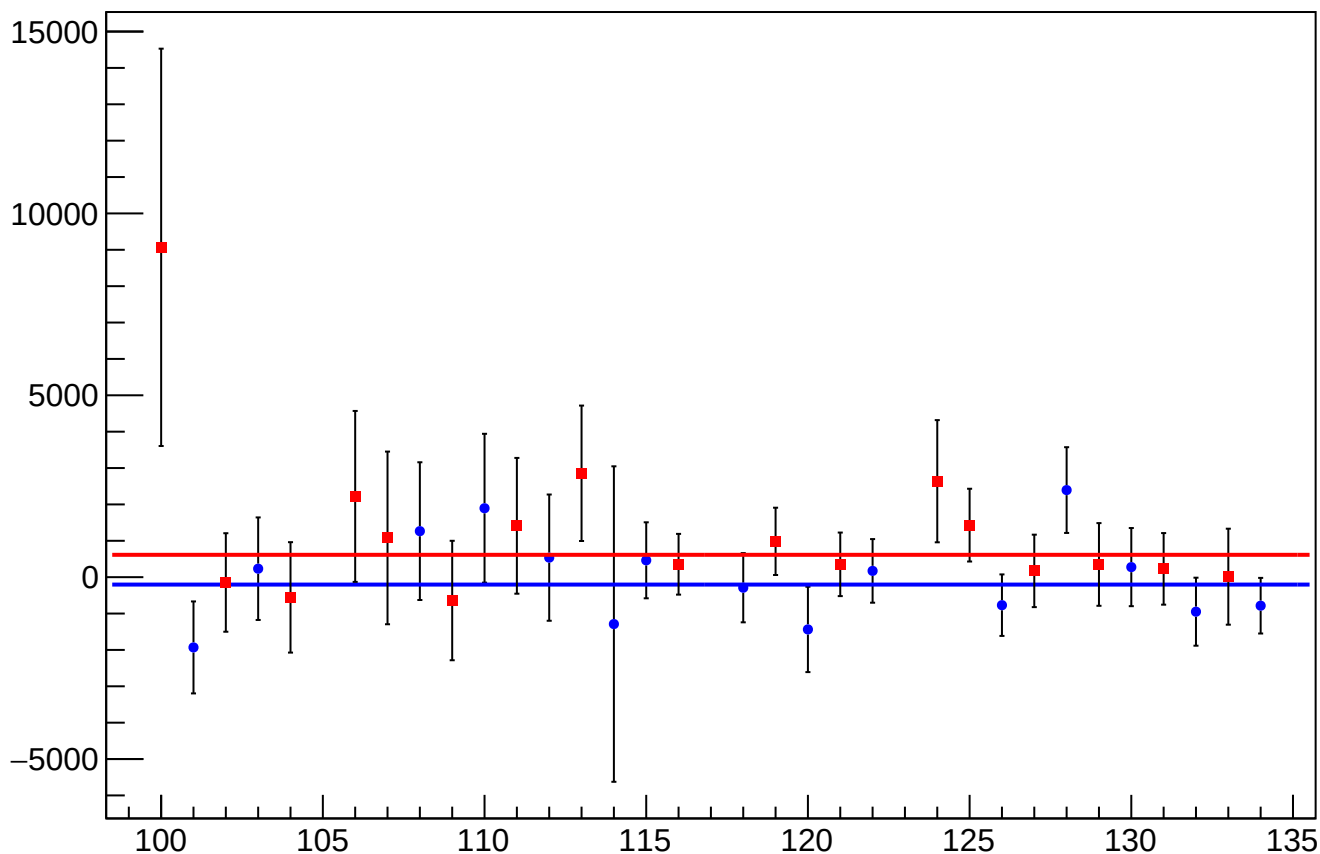
Right: 71.183+/-0.015 χ^2/NDF : 2702003.9/31

In: 69.589+/-0.021 χ^2/NDF :1251295.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.183+/-0.015 χ^2/NDF : 2702003.9/31

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -203.664+/-289.554 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 614.525+/-301.854 χ^2/NDF : 9.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

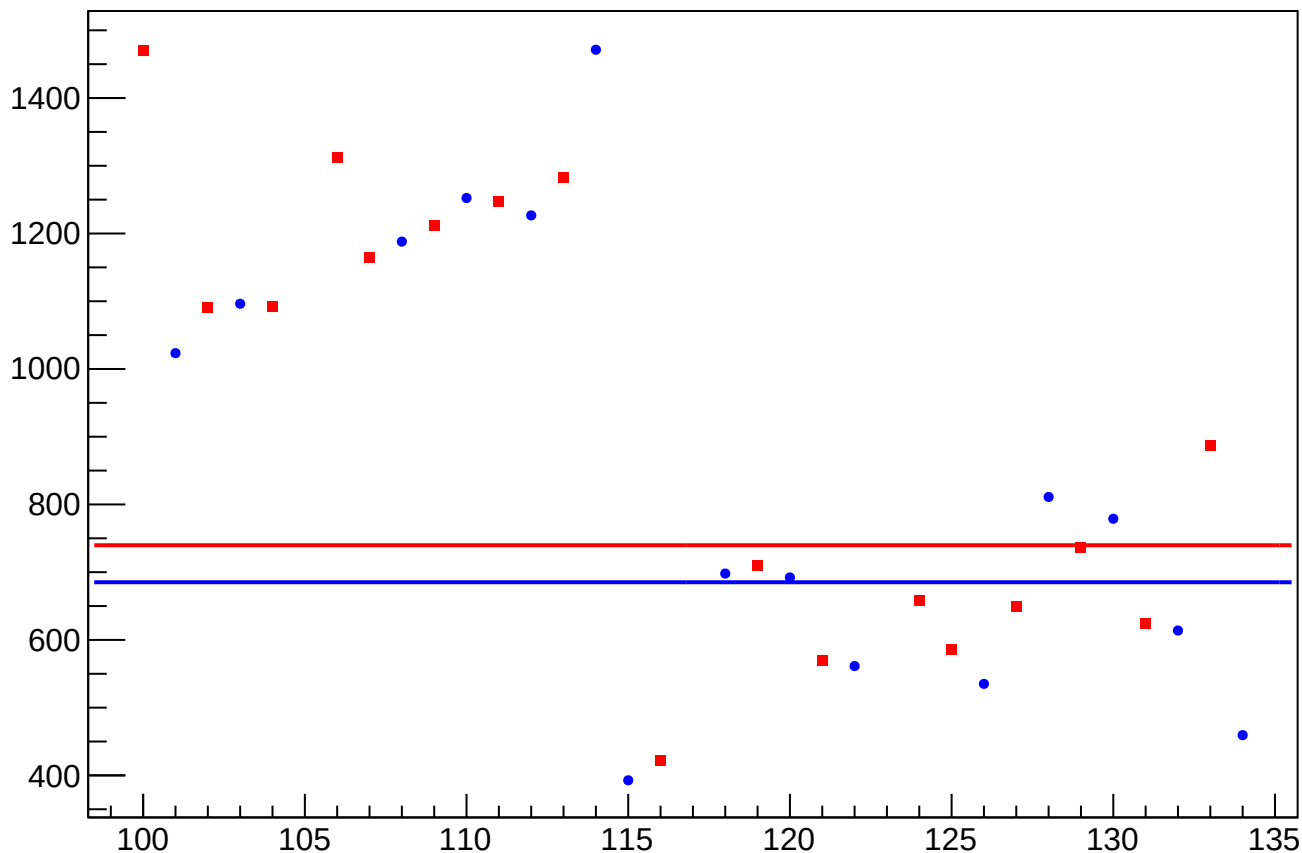
Right: 188.422+/-208.959 χ^2/NDF : 25.2/31

In: -203.664+/-289.554 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.422+/-208.959 χ^2/NDF : 25.2/31

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 685.122+/-0.205 χ^2/NDF : 1352915.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.778+/-0.213 χ^2/NDF : 1433304.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

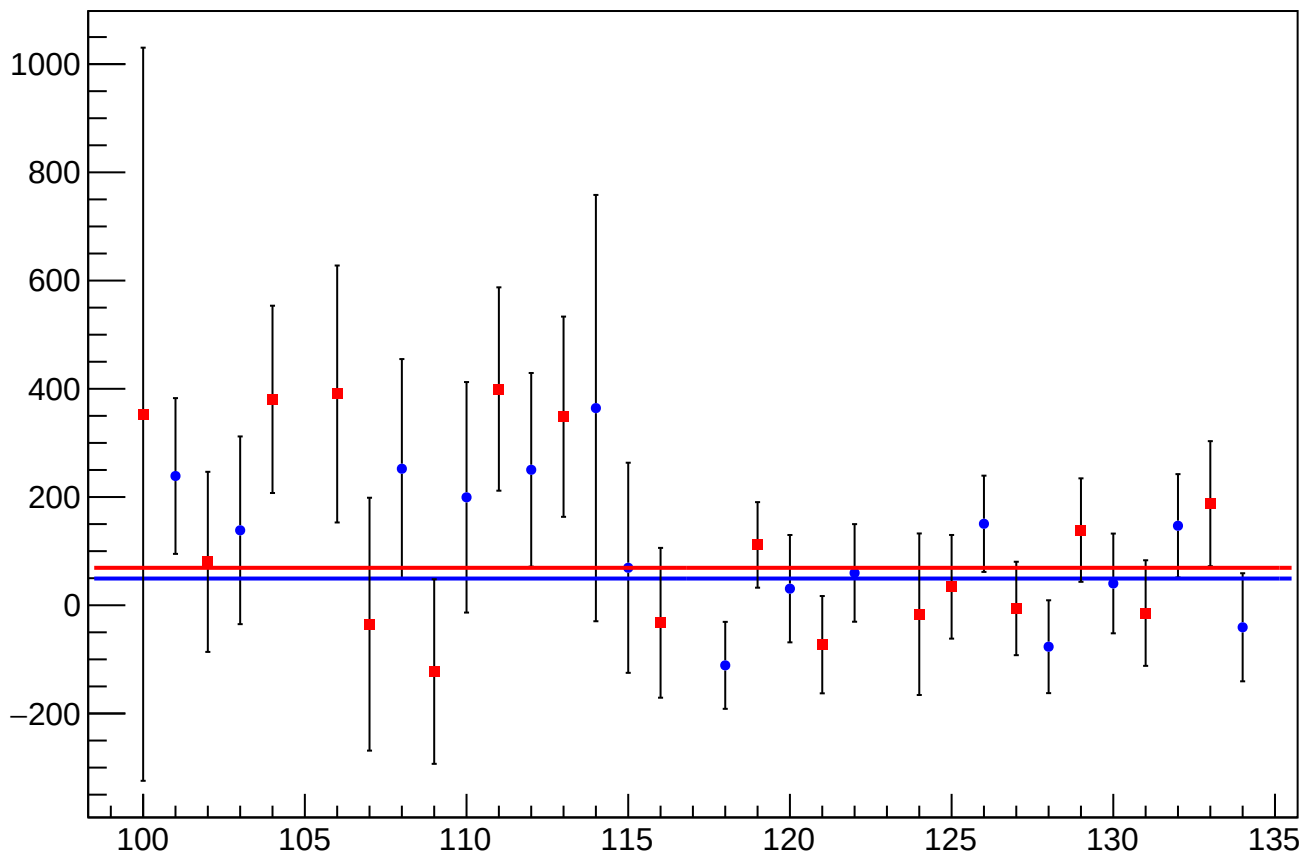
Right: 711.314+/-0.148 χ^2/NDF : 2820368.5/31

In: 685.122+/-0.205 χ^2/NDF : 1352915.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.314+/-0.148 χ^2/NDF : 2820368.5/31

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 49.388 $\pm$ 29.341 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.192 $\pm$ 29.975 χ^2 /NDF: 18.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

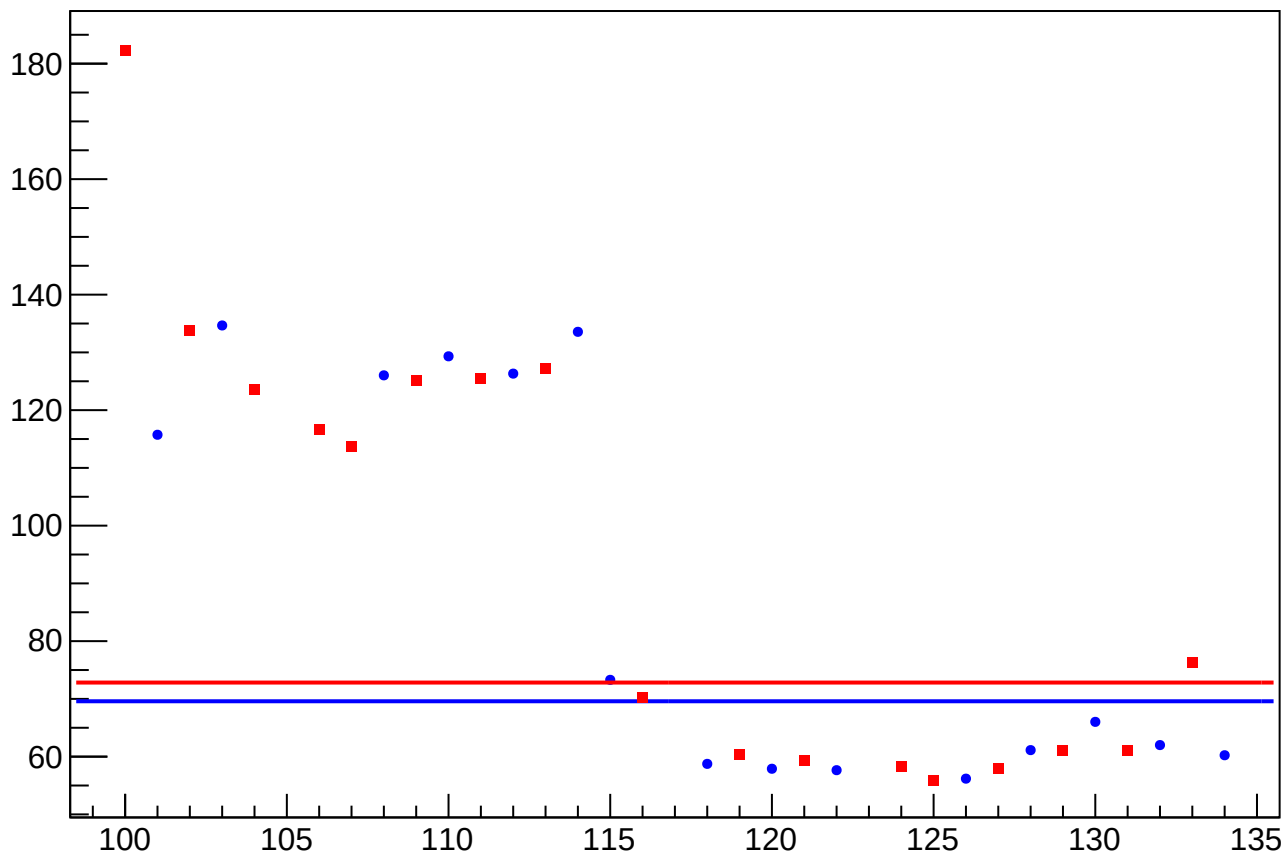
Right: 59.079 $\pm$ 20.968 χ^2 /NDF: 33.9/31

In: 49.388 $\pm$ 29.341 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.079 $\pm$ 20.968 χ^2 /NDF: 33.9/31

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 69.589+/-0.021 χ^2/NDF : 1251297.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.829+/-0.021 χ^2/NDF : 1435633.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

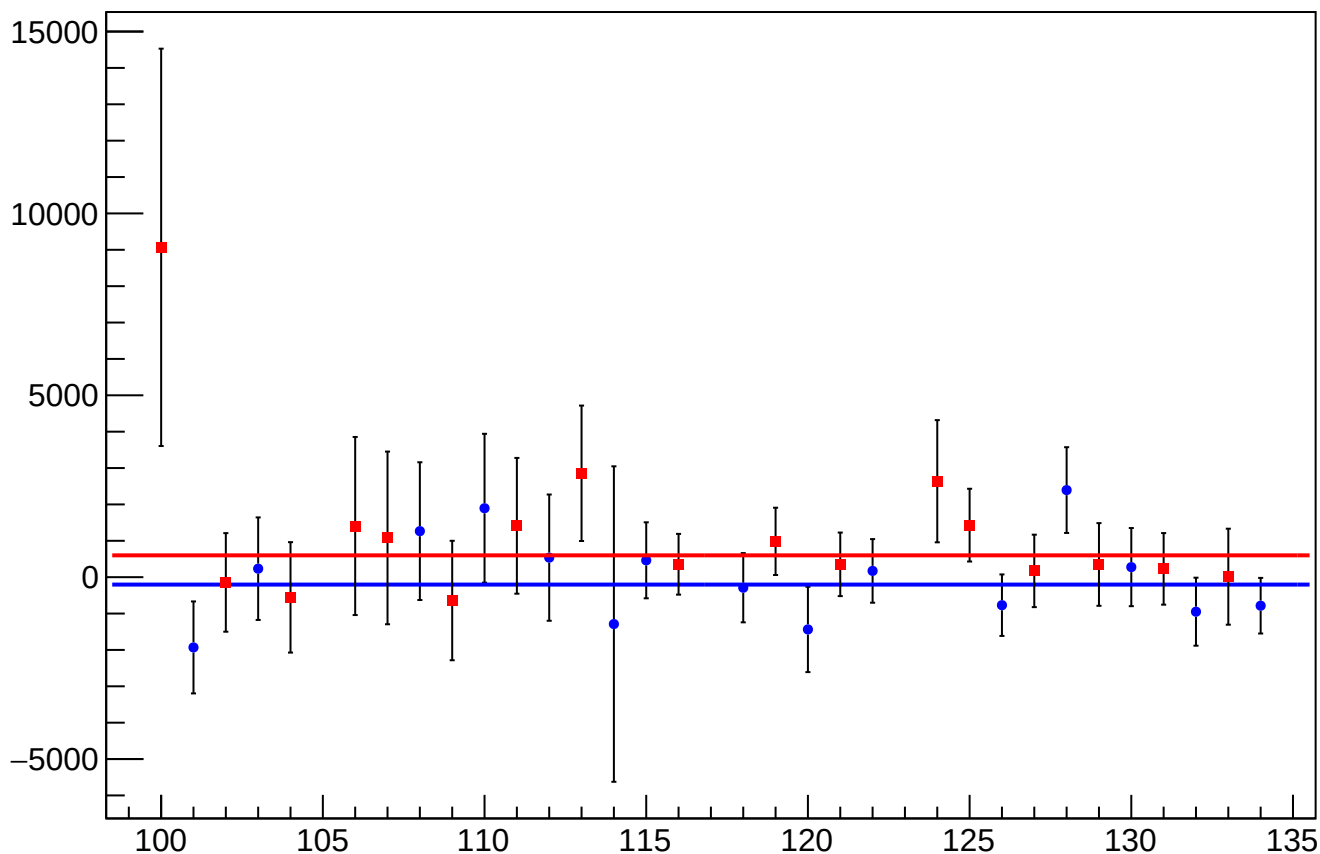
Right: 71.175+/-0.015 χ^2/NDF : 2698864.9/31

In: 69.589+/-0.021 χ^2/NDF :1251297.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.175+/-0.015 χ^2/NDF : 2698864.9/31

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -203.638 $\pm$ 289.555 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 600.220 $\pm$ 302.061 χ^2 /NDF: 8.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

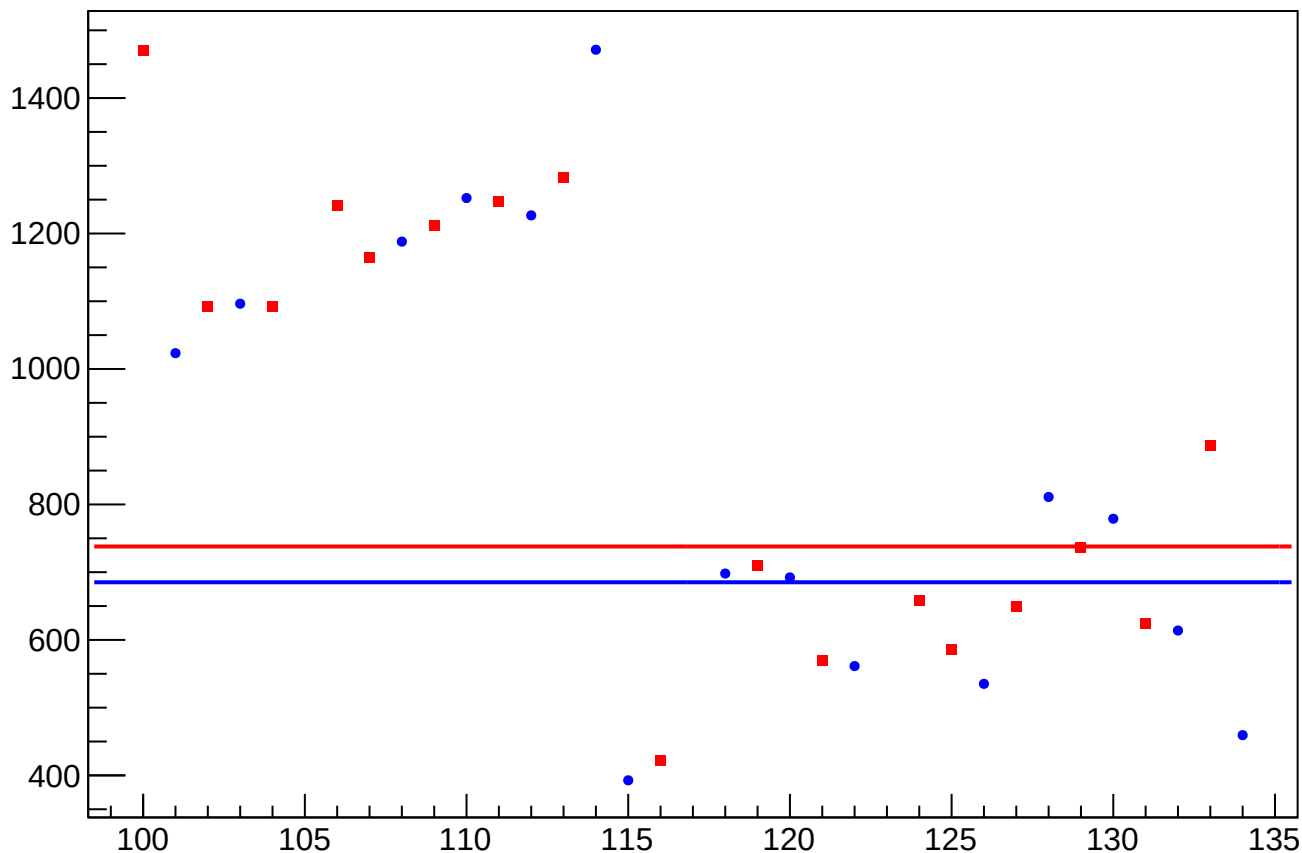
Right: 181.306 $\pm$ 209.028 χ^2 /NDF: 24.7/31

In: -203.638 $\pm$ 289.555 χ^2 /NDF: 12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.306 $\pm$ 209.028 χ^2 /NDF: 24.7/31

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 685.122+/-0.205 χ^2/NDF : 1352952.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.951+/-0.214 χ^2/NDF : 1398469.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

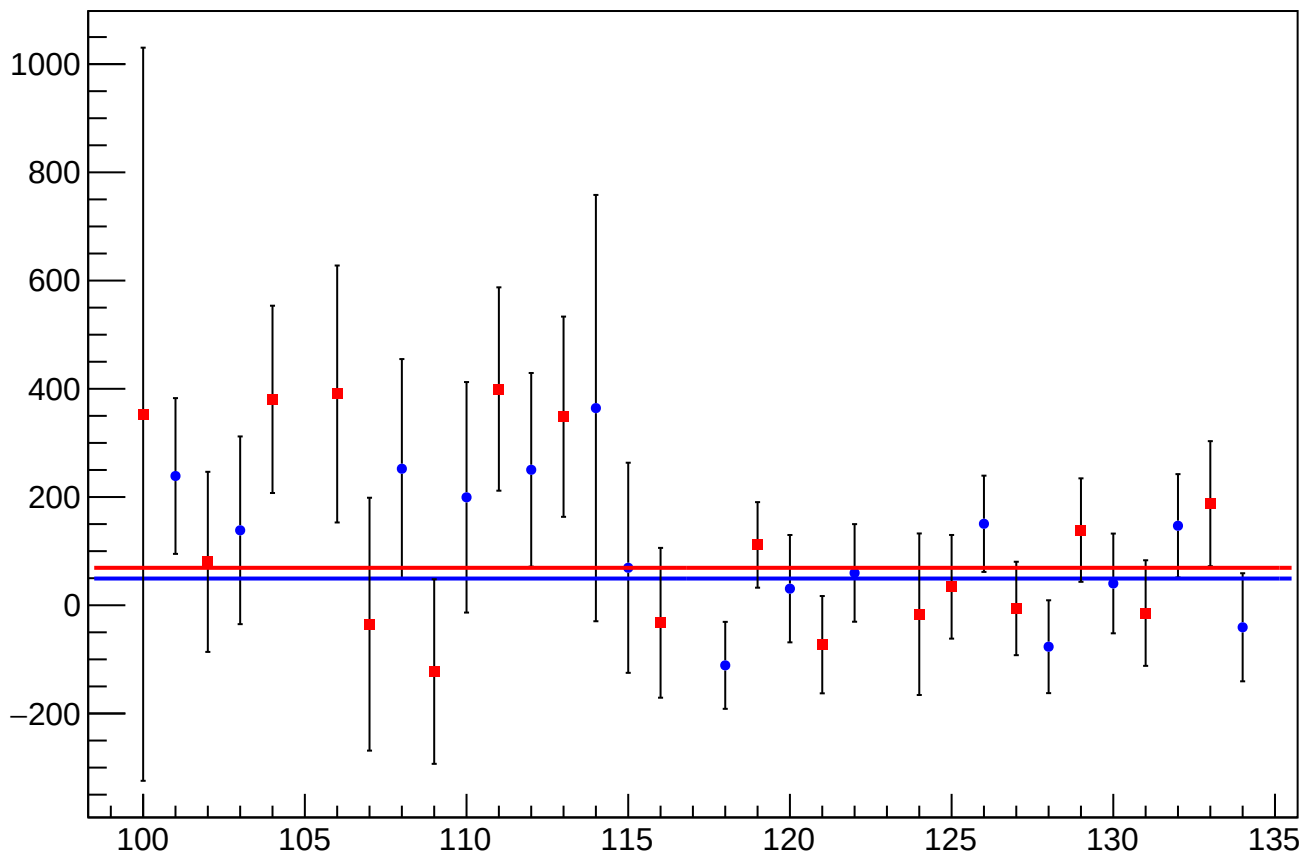
Right: 710.420+/-0.148 χ^2/NDF : 2783302.3/31

In: 685.122+/-0.205 χ^2/NDF : 1352952.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.420+/-0.148 χ^2/NDF : 2783302.3/31

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 49.388 $\pm$ 29.341 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.192 $\pm$ 29.975 χ^2 /NDF: 18.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

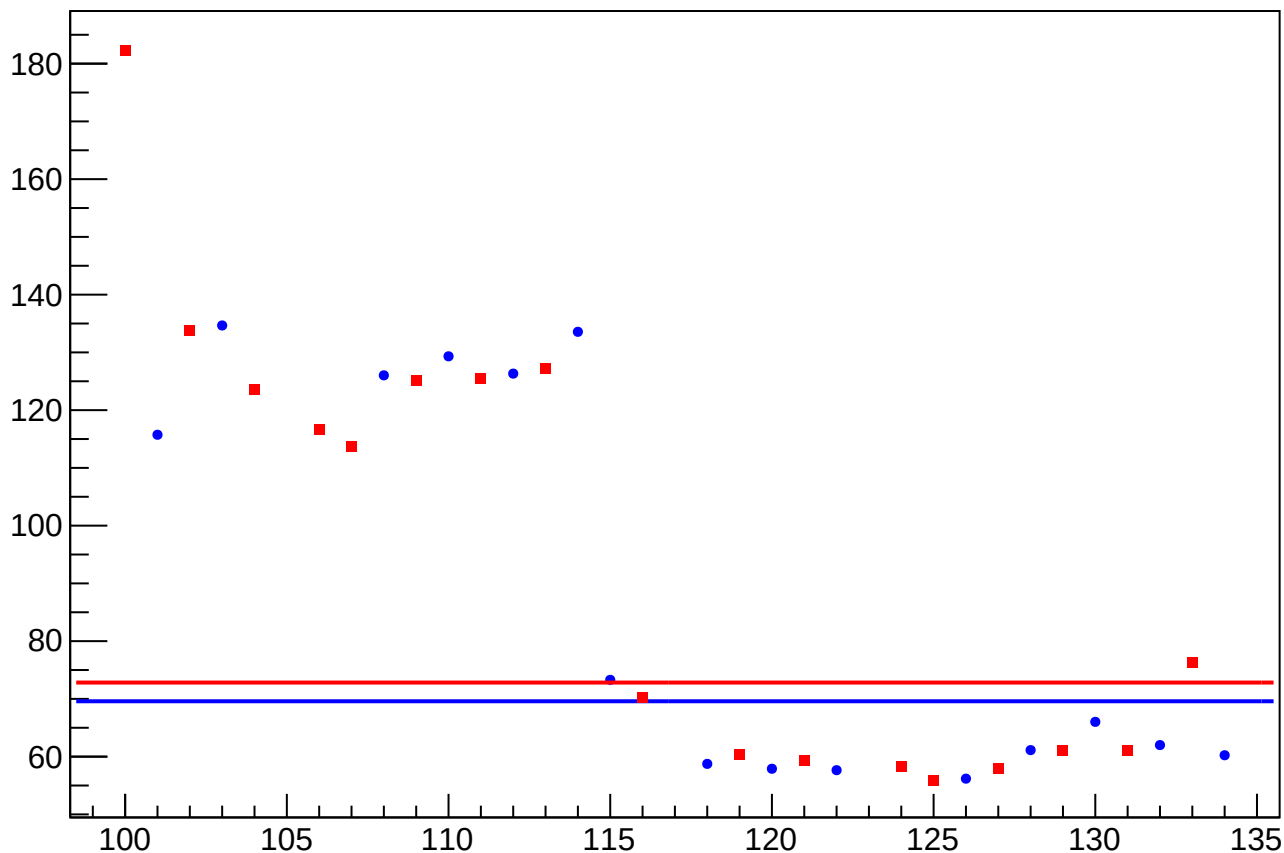
Right: 59.079 $\pm$ 20.968 χ^2 /NDF: 33.9/31

In: 49.388 $\pm$ 29.341 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.079 $\pm$ 20.968 χ^2 /NDF: 33.9/31

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 69.589+/-0.021 χ^2/NDF : 1251297.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.829+/-0.021 χ^2/NDF : 1435633.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

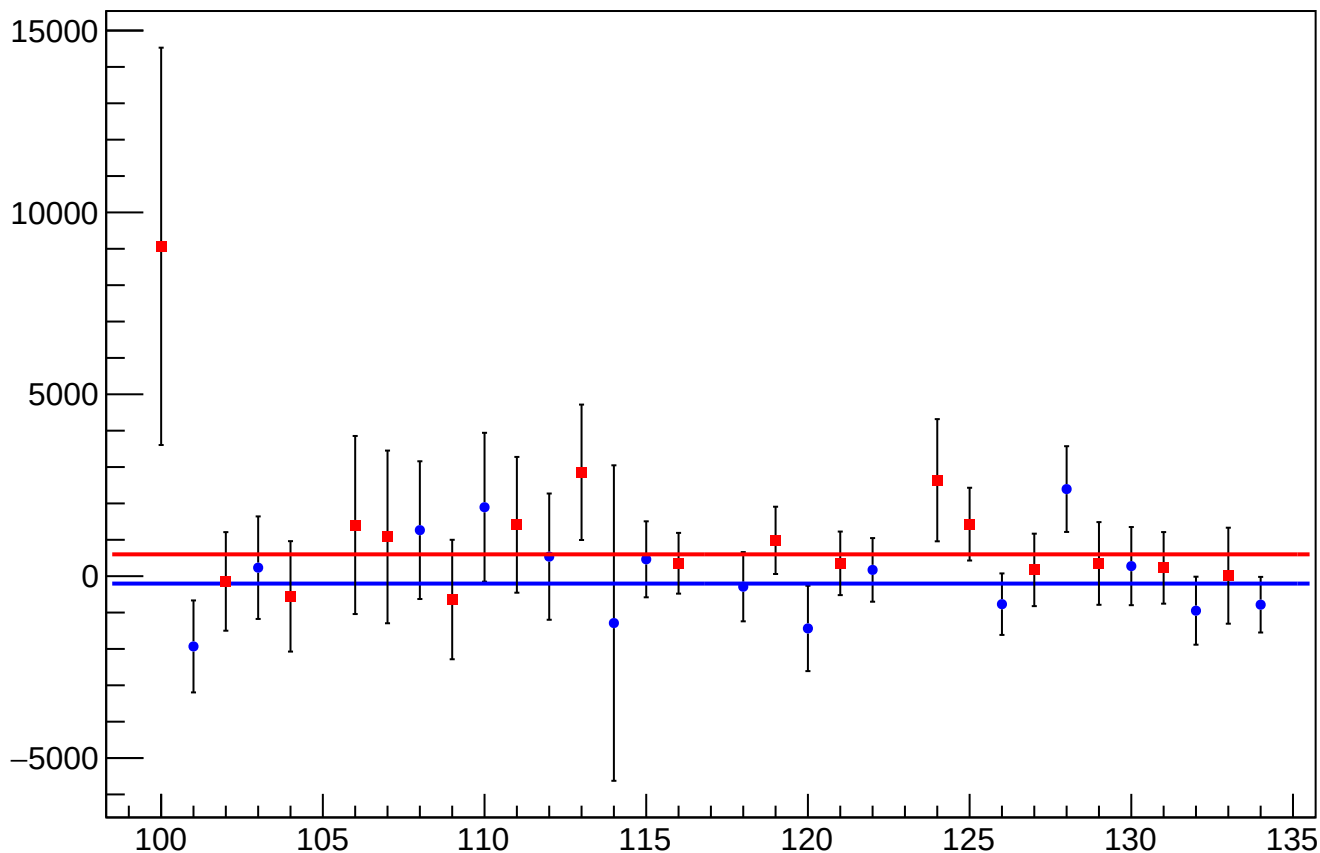
Right: 71.175+/-0.015 χ^2/NDF : 2698864.9/31

In: 69.589+/-0.021 χ^2/NDF :1251297.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.175+/-0.015 χ^2/NDF : 2698864.9/31

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -203.638 $\pm$ 289.555 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 600.220 $\pm$ 302.061 χ^2 /NDF: 8.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

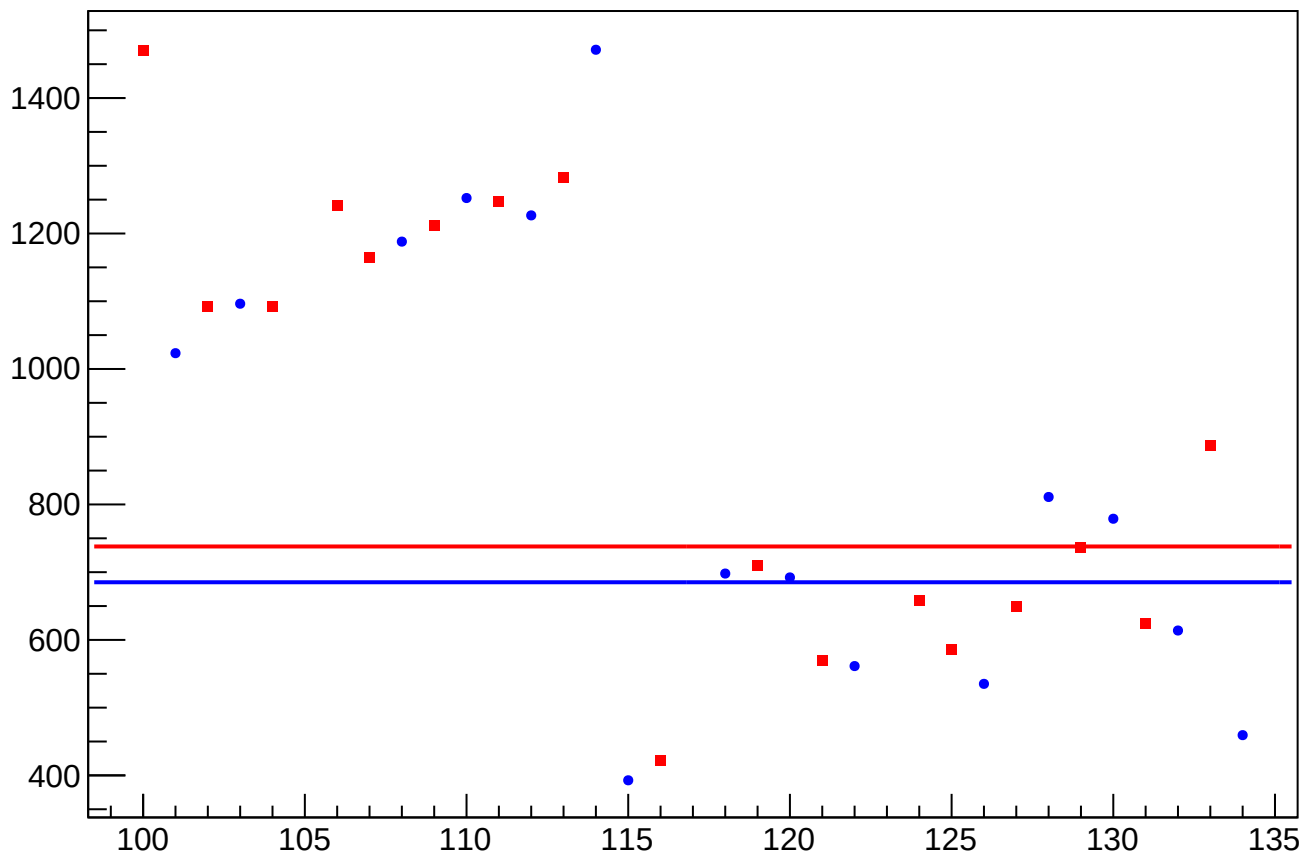
Right: 181.306 $\pm$ 209.028 χ^2 /NDF: 24.7/31

In: -203.638 $\pm$ 289.555 χ^2 /NDF: 12.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.306 $\pm$ 209.028 χ^2 /NDF: 24.7/31

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 685.122+/-0.205 χ^2/NDF : 1352952.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.951+/-0.214 χ^2/NDF : 1398469.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

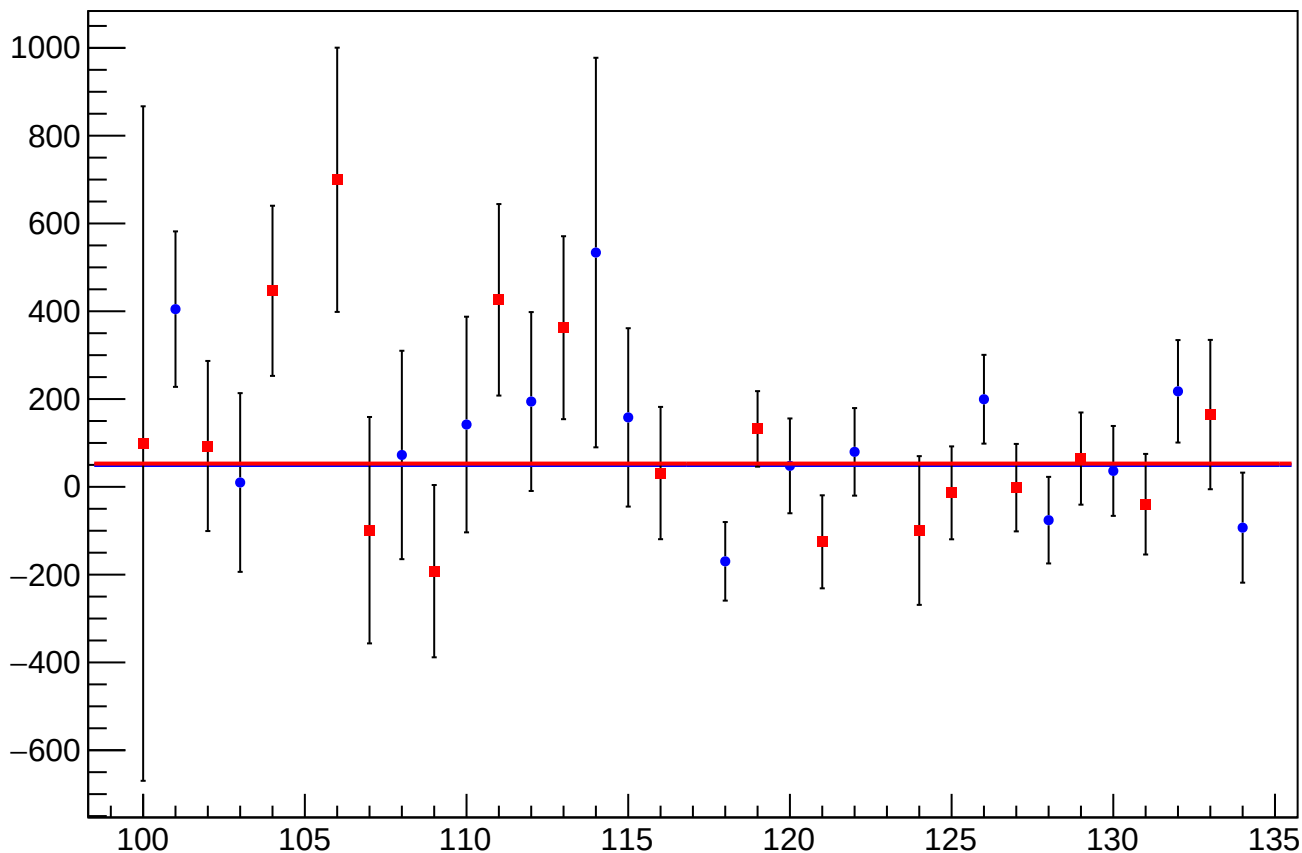
Right: 710.420+/-0.148 χ^2/NDF : 2783302.3/31

In: 685.122+/-0.205 χ^2/NDF : 1352952.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.420+/-0.148 χ^2/NDF : 2783302.3/31

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 49.760+/-33.563 χ^2/NDF : 19.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.002+/-34.388 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

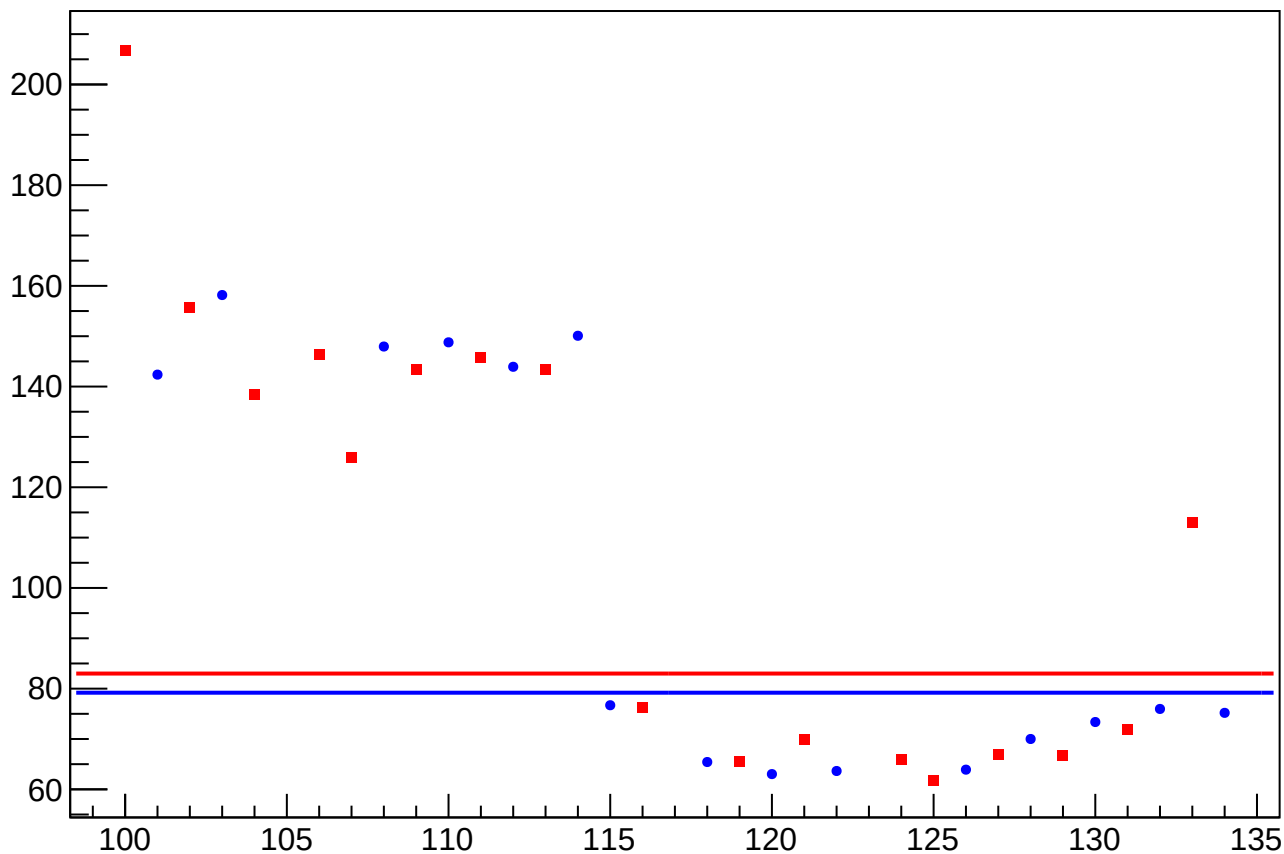
Right: 51.342+/-24.019 χ^2/NDF : 41.6/31

In: 49.760+/-33.563 χ^2/NDF : 19.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.342+/-24.019 χ^2/NDF : 41.6/31

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.193+/-0.024 χ^2/NDF : 1350777.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.997+/-0.024 χ^2/NDF : 1562554.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

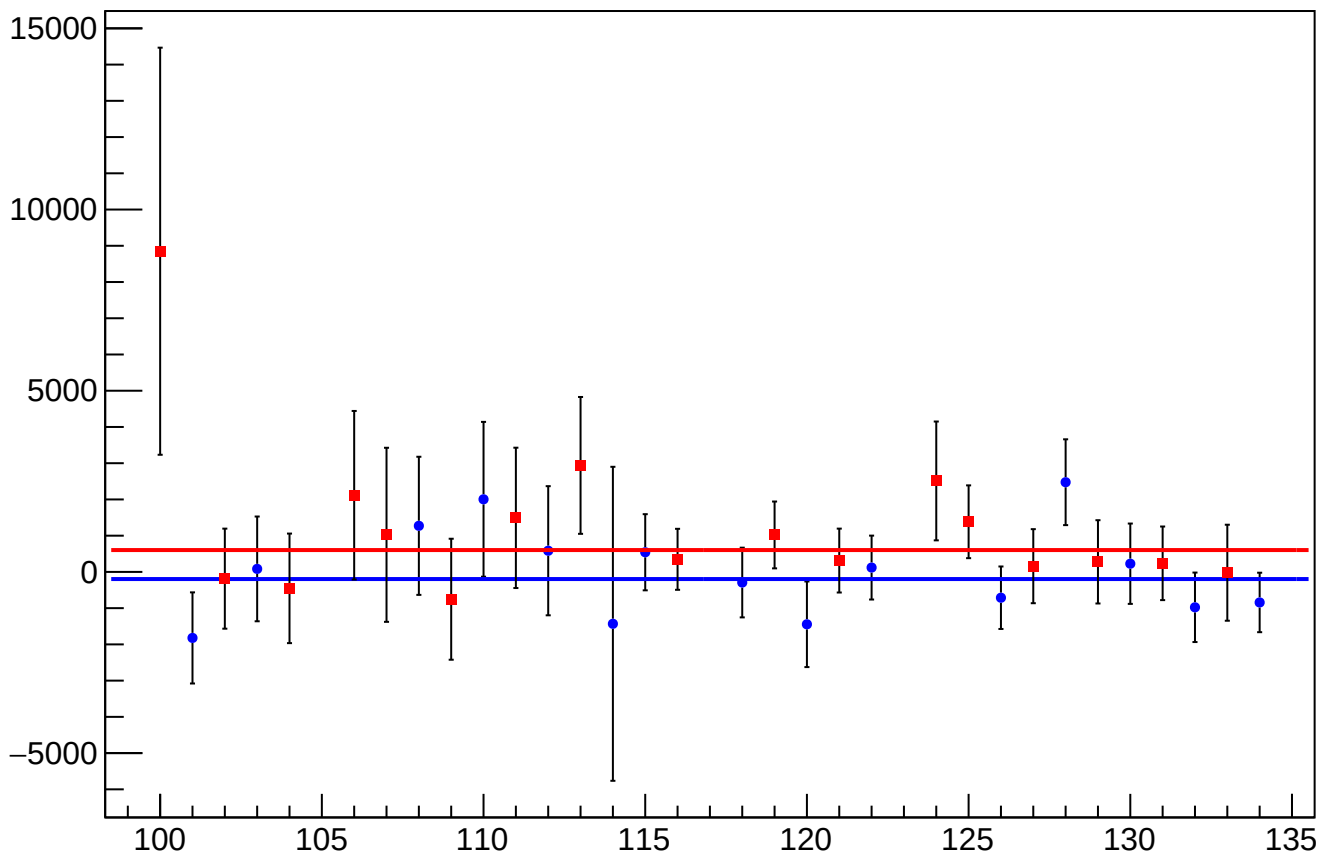
Right: 81.049+/-0.017 χ^2/NDF : 2925871.3/31

In: 79.193+/-0.024 χ^2/NDF : 1350777.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.049+/-0.017 χ^2/NDF : 2925871.3/31

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.800+/-296.052 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.066+/-304.989 χ^2/NDF : 8.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

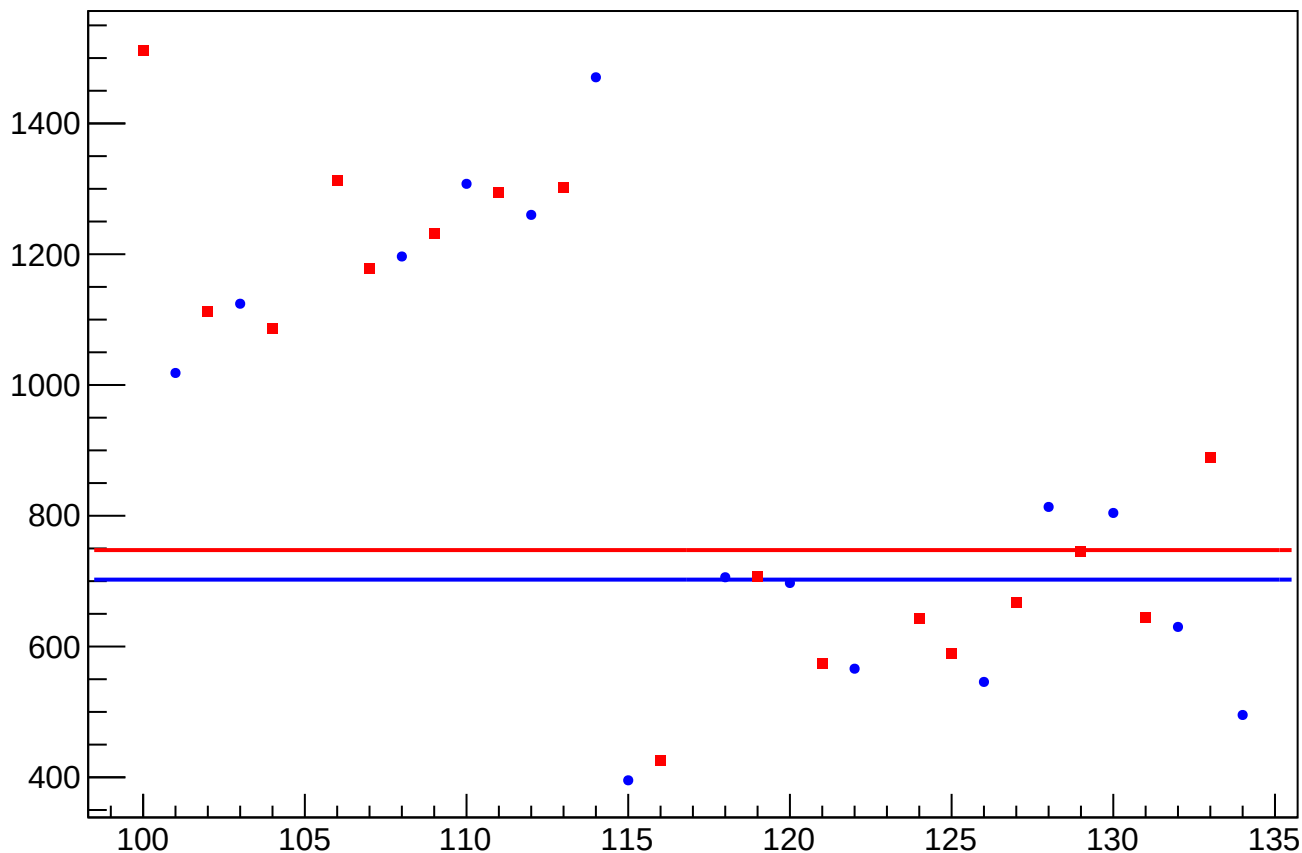
Right: 191.243+/-212.430 χ^2/NDF : 24.6/31

In: -196.800+/-296.052 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.243+/-212.430 χ^2/NDF : 24.6/31

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 702.330+/-0.209 χ^2/NDF : 1308328.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 747.504+/-0.216 χ^2/NDF : 1448784.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

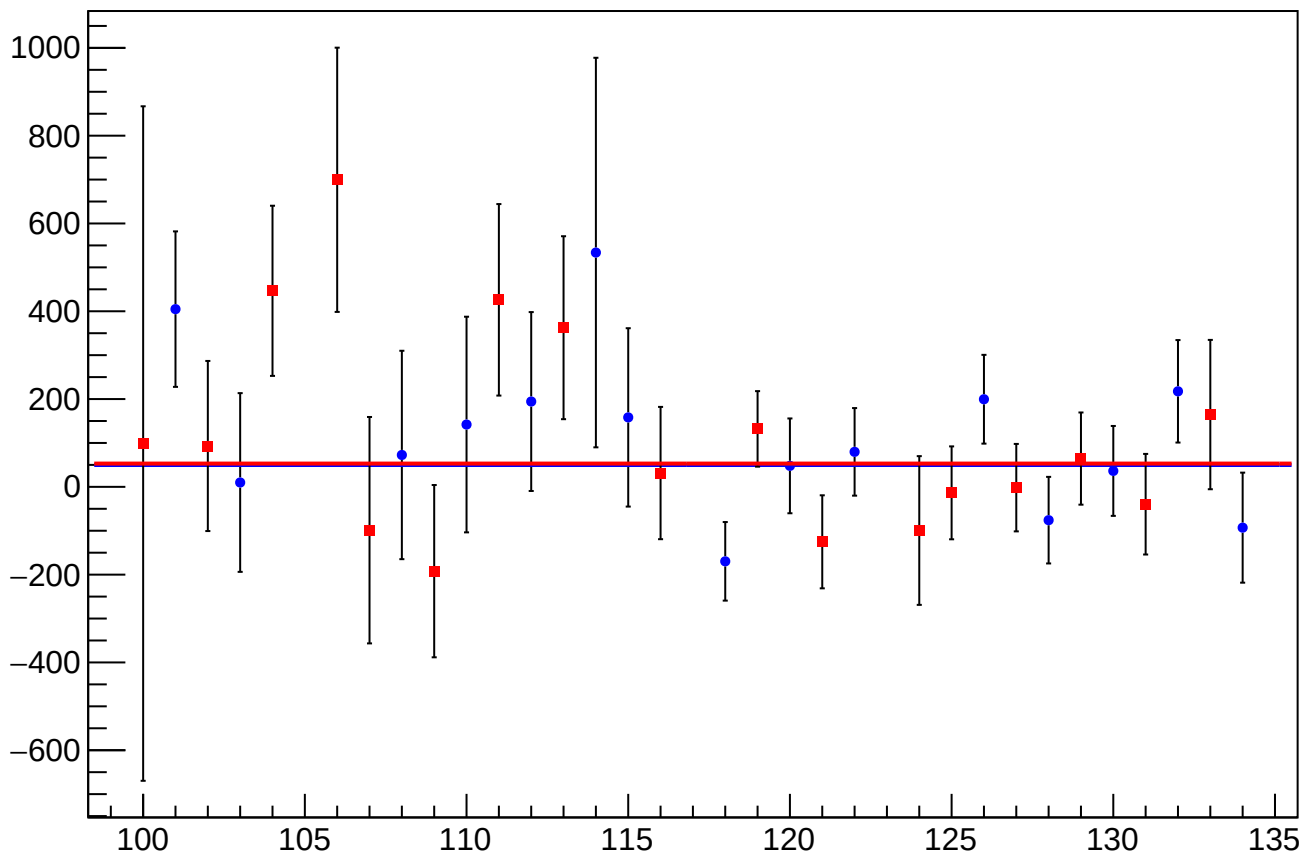
Right: 724.245+/-0.150 χ^2/NDF : 2779703.7/31

In: 702.330+/-0.209 χ^2/NDF : 1308328.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.245+/-0.150 χ^2/NDF : 2779703.7/31

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 49.760+/-33.563 χ^2/NDF : 19.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.002+/-34.388 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

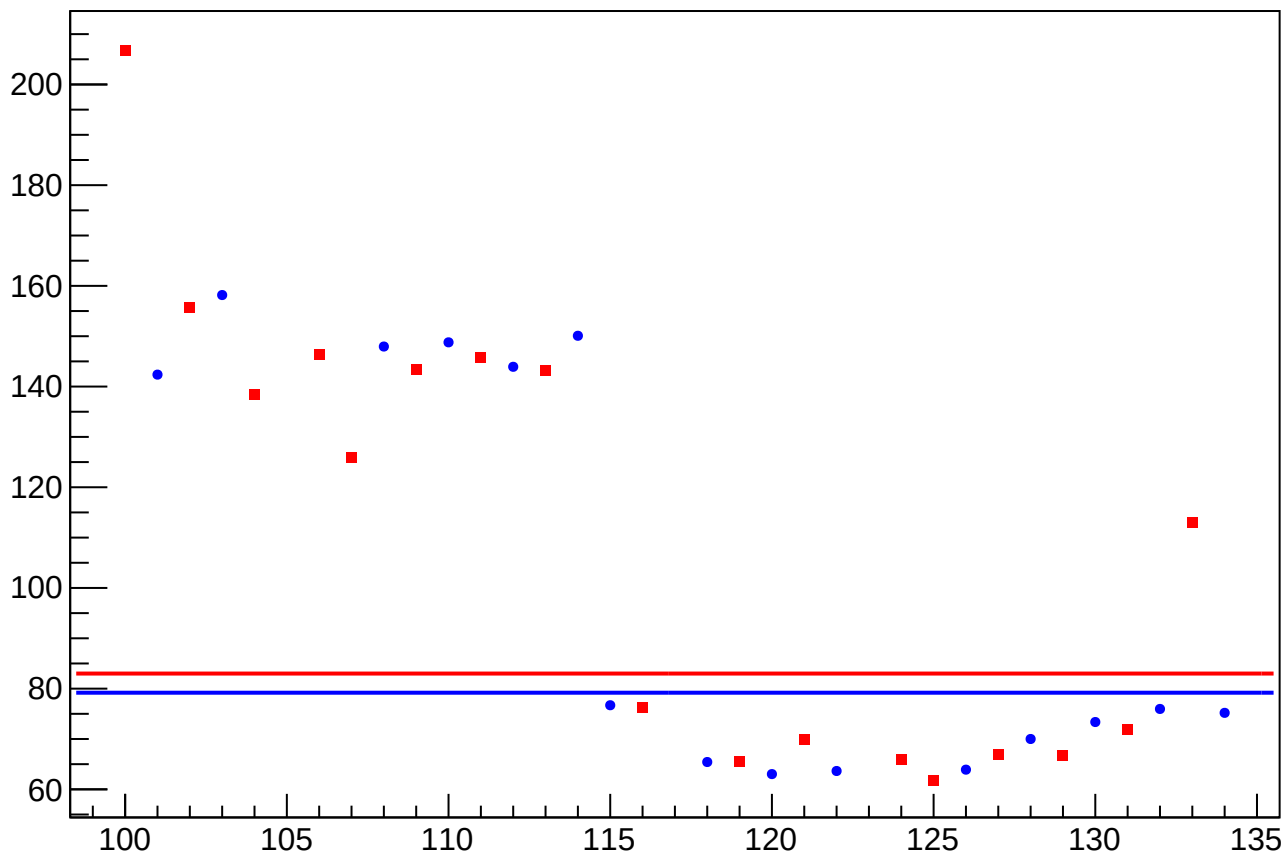
Right: 51.342+/-24.019 χ^2/NDF : 41.6/31

In: 49.760+/-33.563 χ^2/NDF : 19.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.342+/-24.019 χ^2/NDF : 41.6/31

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.192+/-0.024 χ^2/NDF : 1350774.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.997+/-0.024 χ^2/NDF : 1562555.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

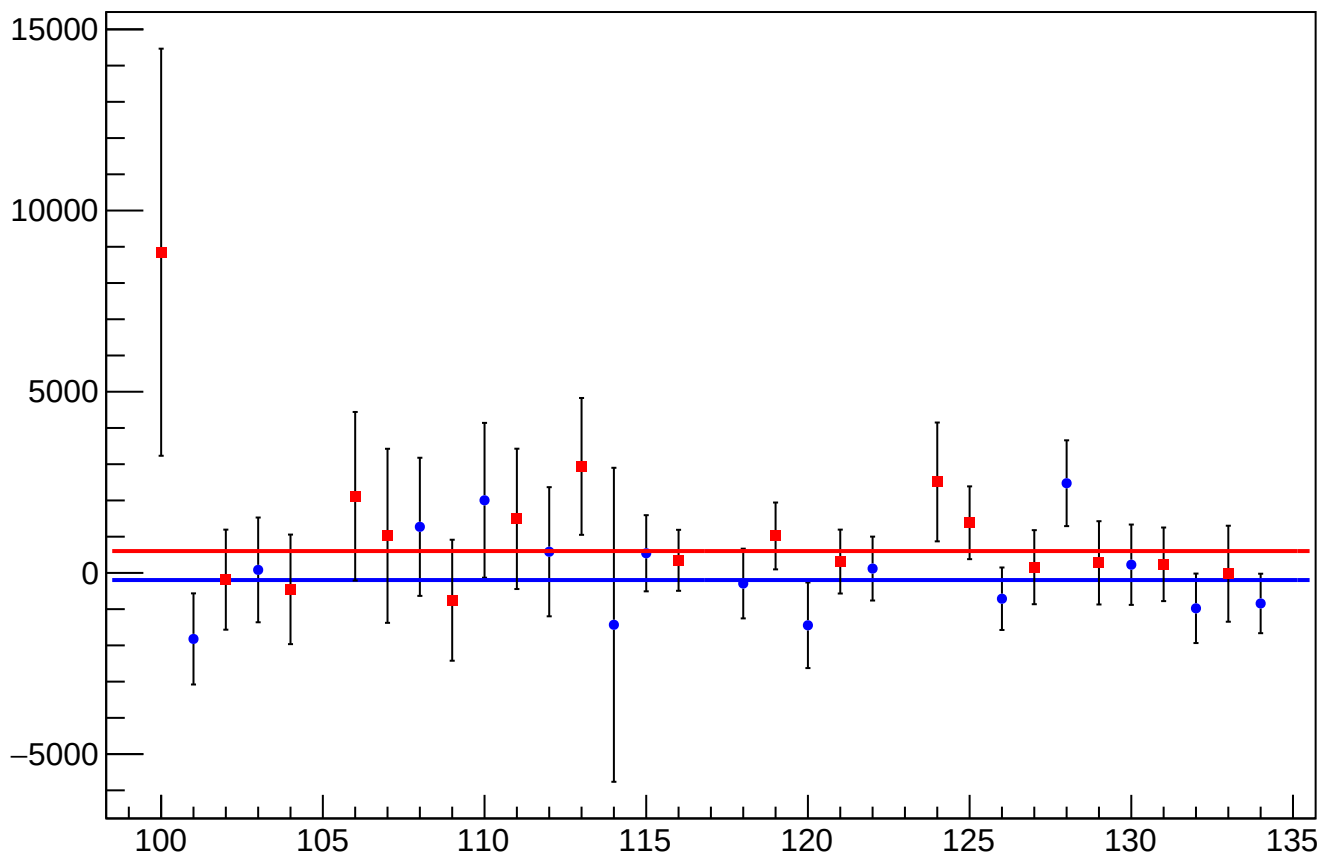
Right: 81.048+/-0.017 χ^2/NDF : 2925870.0/31

In: 79.192+/-0.024 χ^2/NDF : 1350774.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.048+/-0.017 χ^2/NDF : 2925870.0/31

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.799+/-296.051 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.064+/-304.988 χ^2/NDF : 8.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

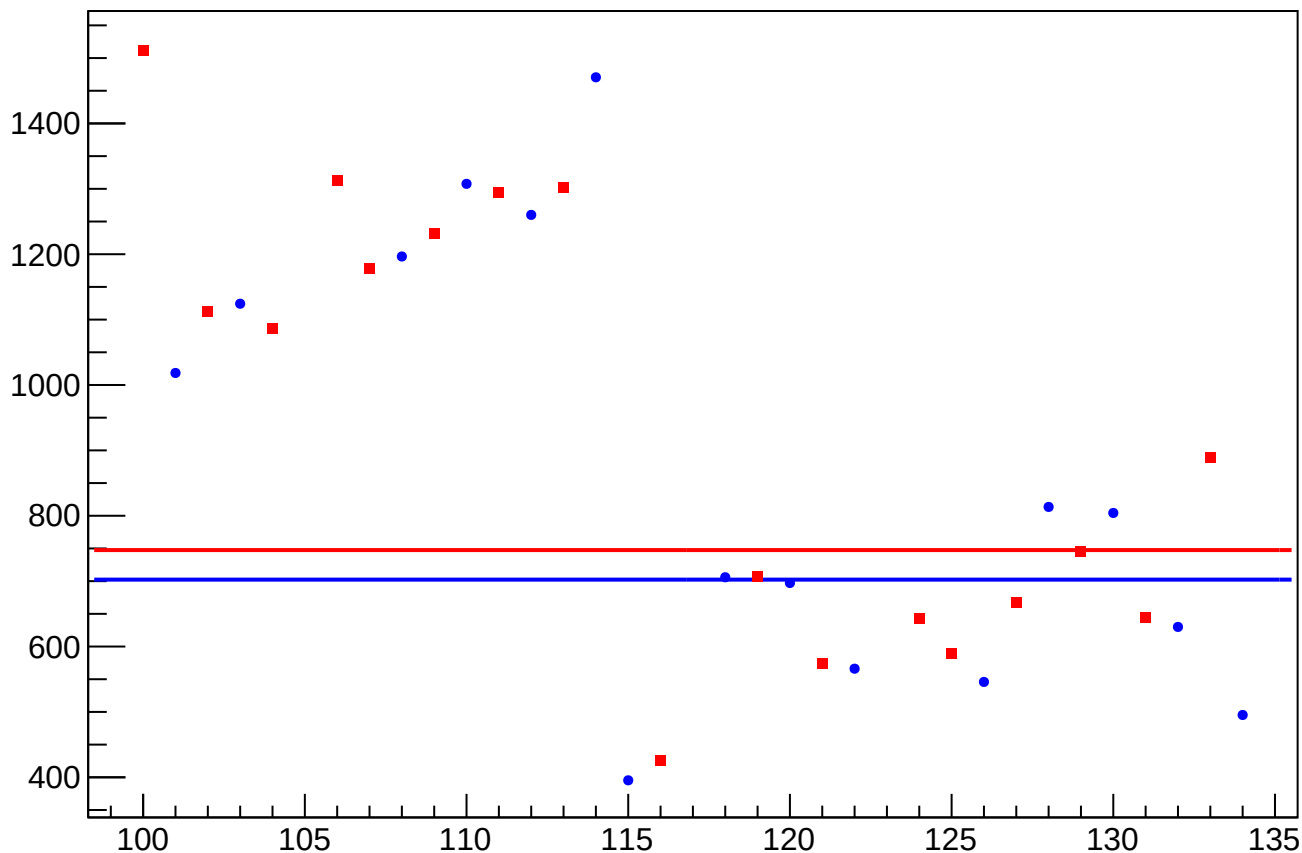
Right: 191.243+/-212.429 χ^2/NDF : 24.6/31

In: -196.799+/-296.051 χ^2/NDF : 12.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.243+/-212.429 χ^2/NDF : 24.6/31

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 702.328+/-0.209 χ^2/NDF : 1308314.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 747.503+/-0.216 χ^2/NDF : 1448773.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

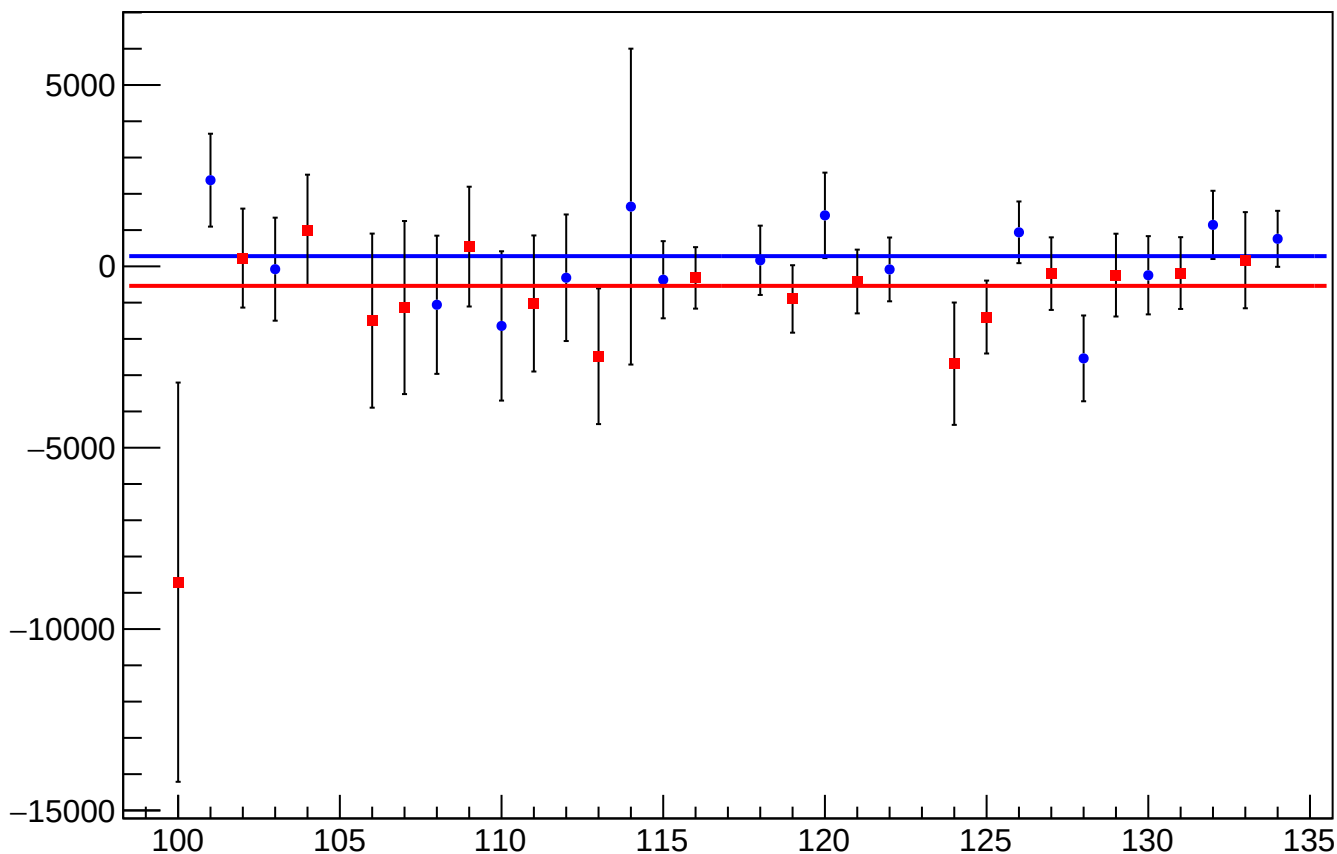
Right: 724.244+/-0.150 χ^2/NDF : 2779678.4/31

In: 702.328+/-0.209 χ^2/NDF : 1308314.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.244+/-0.150 χ^2/NDF : 2779678.4/31

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 282.064 $\pm$ 291.655 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -537.788 $\pm$ 303.916 χ^2 /NDF: 8.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

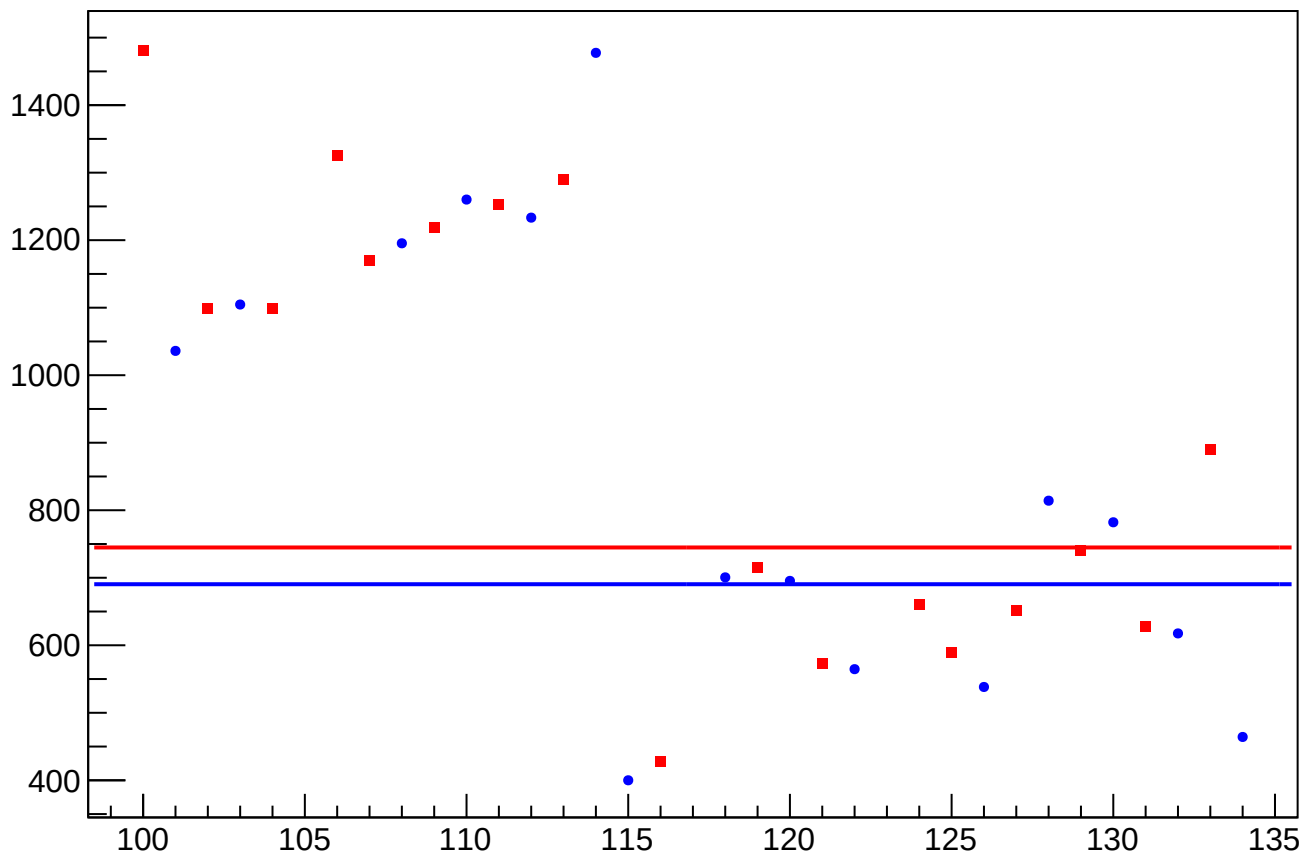
Right: -110.992 $\pm$ 210.432 χ^2 /NDF: 25.8/31

In: 282.064 $\pm$ 291.655 χ^2 /NDF:13.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -110.992 $\pm$ 210.432 χ^2 /NDF: 25.8/31

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 690.421+/-0.206 χ^2/NDF : 1342925.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.854+/-0.215 χ^2/NDF : 1420581.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

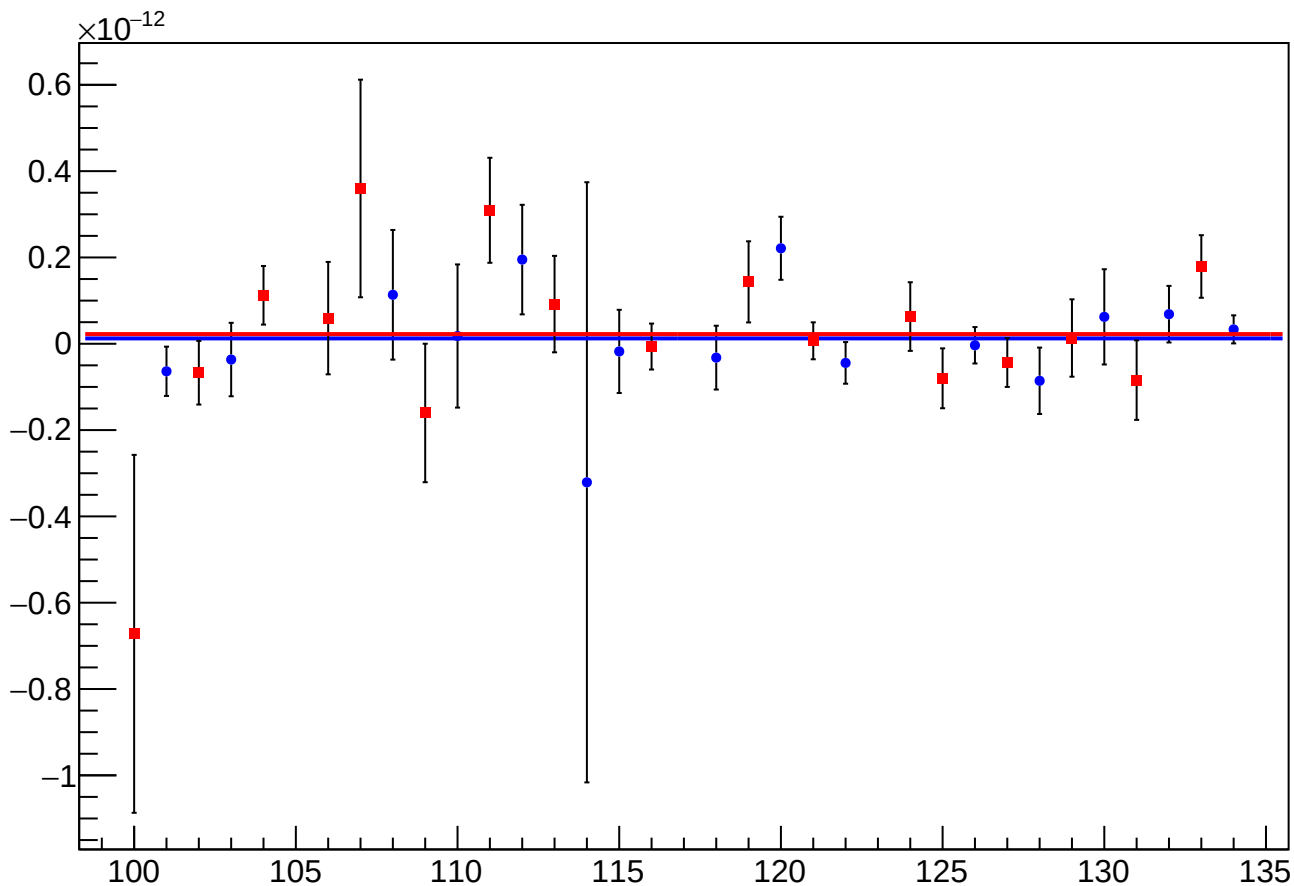
Right: 716.517+/-0.149 χ^2/NDF : 2796907.3/31

In: 690.421+/-0.206 χ^2/NDF : 1342925.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.517+/-0.149 χ^2/NDF : 2796907.3/31

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

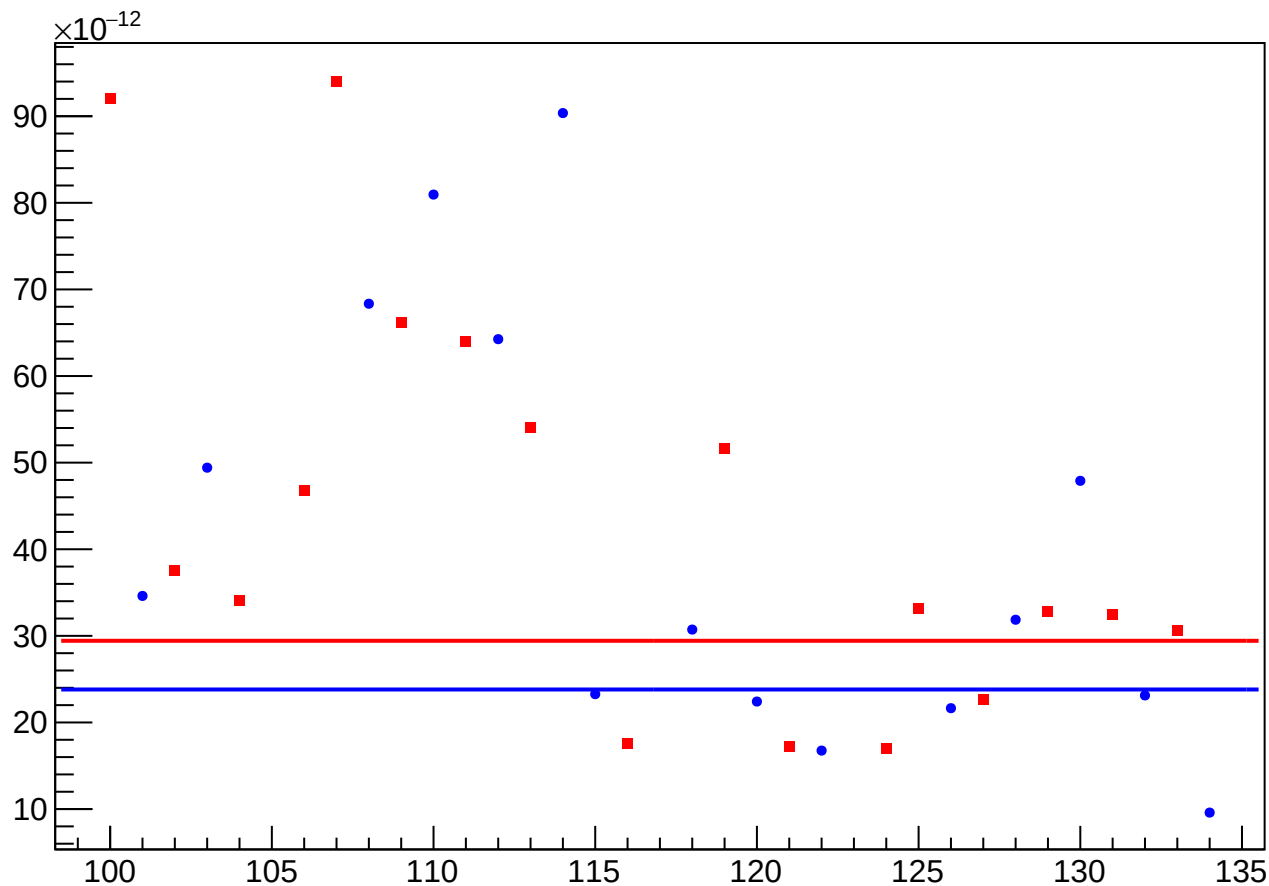
Right: 0.000+/-0.000 χ^2/NDF : 45.2/31

In: 0.000+/-0.000 χ^2/NDF : 18.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 45.2/31

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1453083.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071936.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

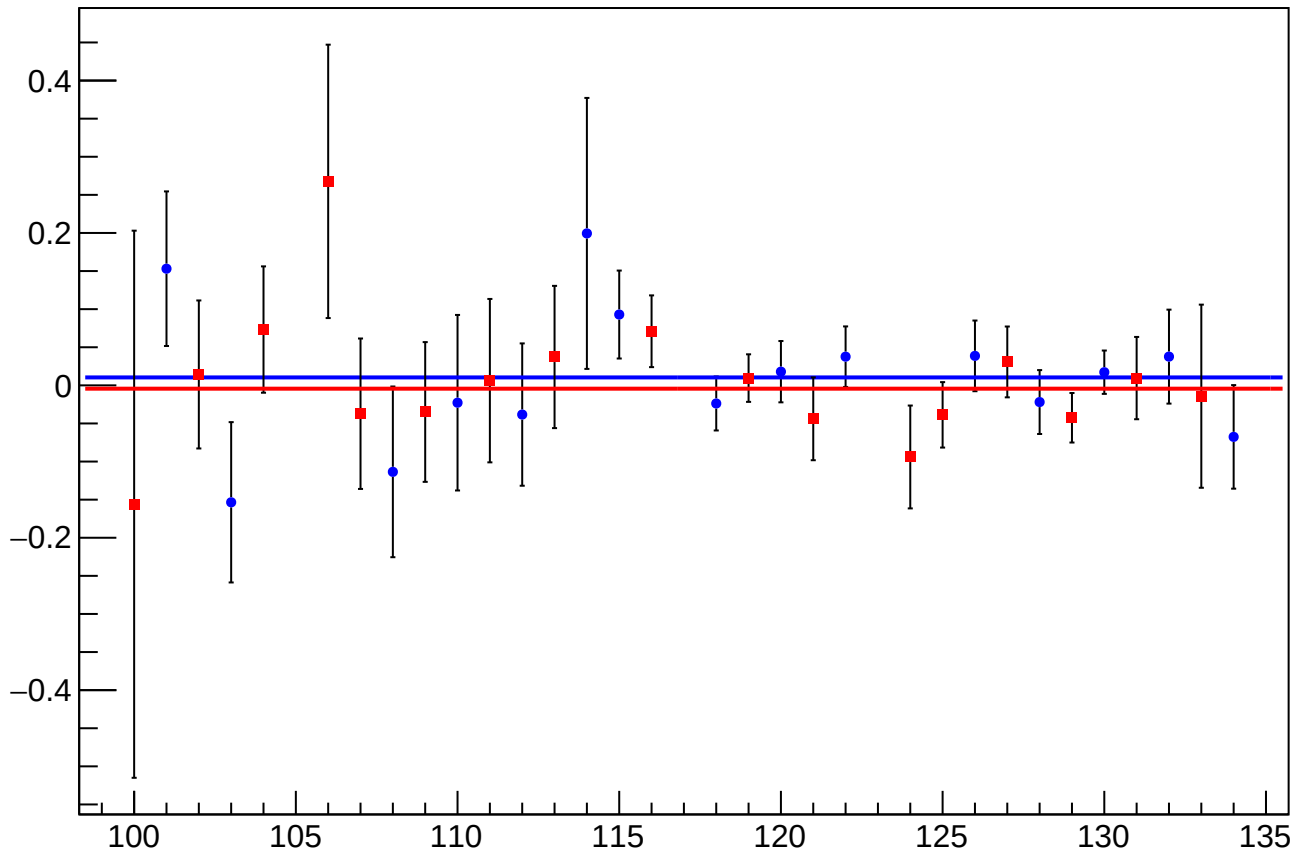
Right: 0.000+/-0.000 χ^2/NDF : 2623001.3/31

In: 0.000+/-0.000 χ^2/NDF : 1453083.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2623001.3/31

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

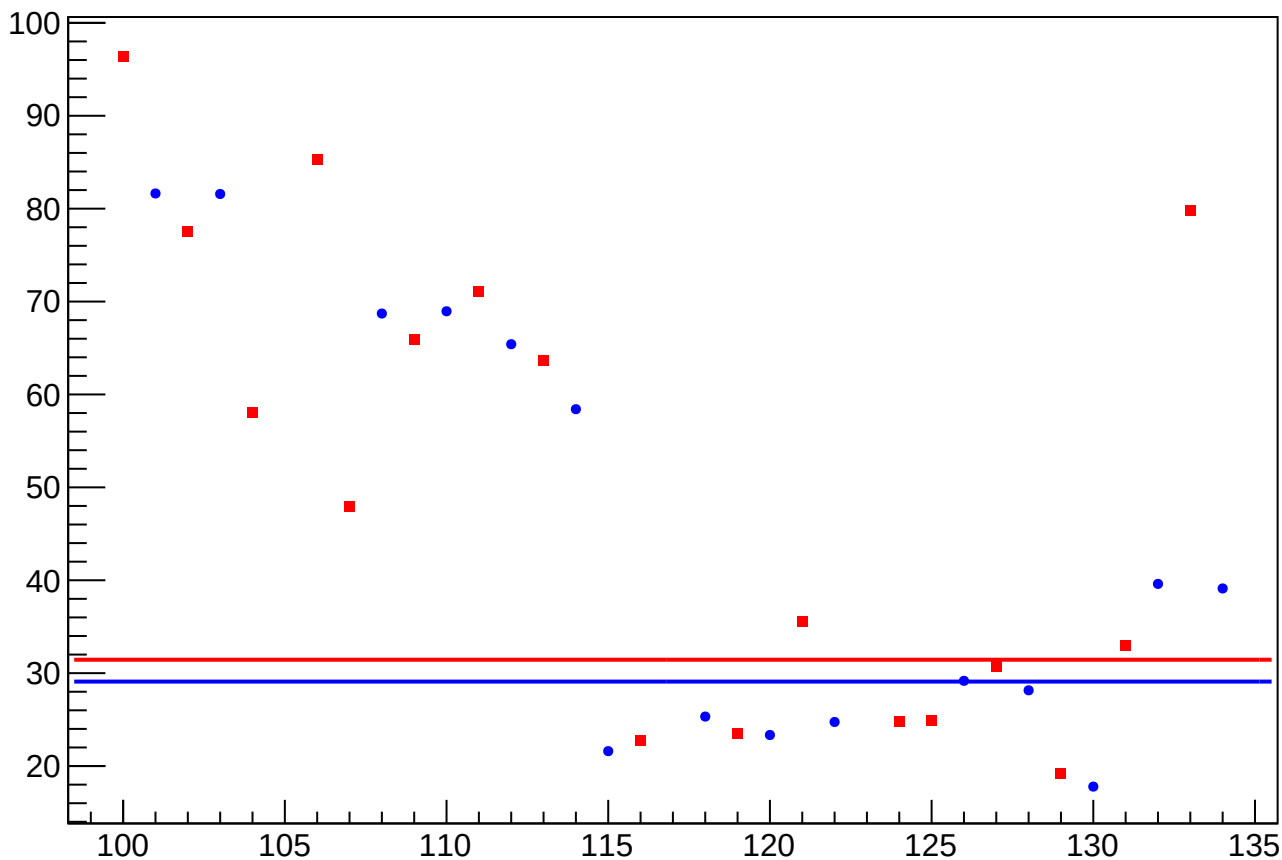
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.093+/-0.009 χ^2/NDF : 2420878.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.447+/-0.010 χ^2/NDF : 2639116.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

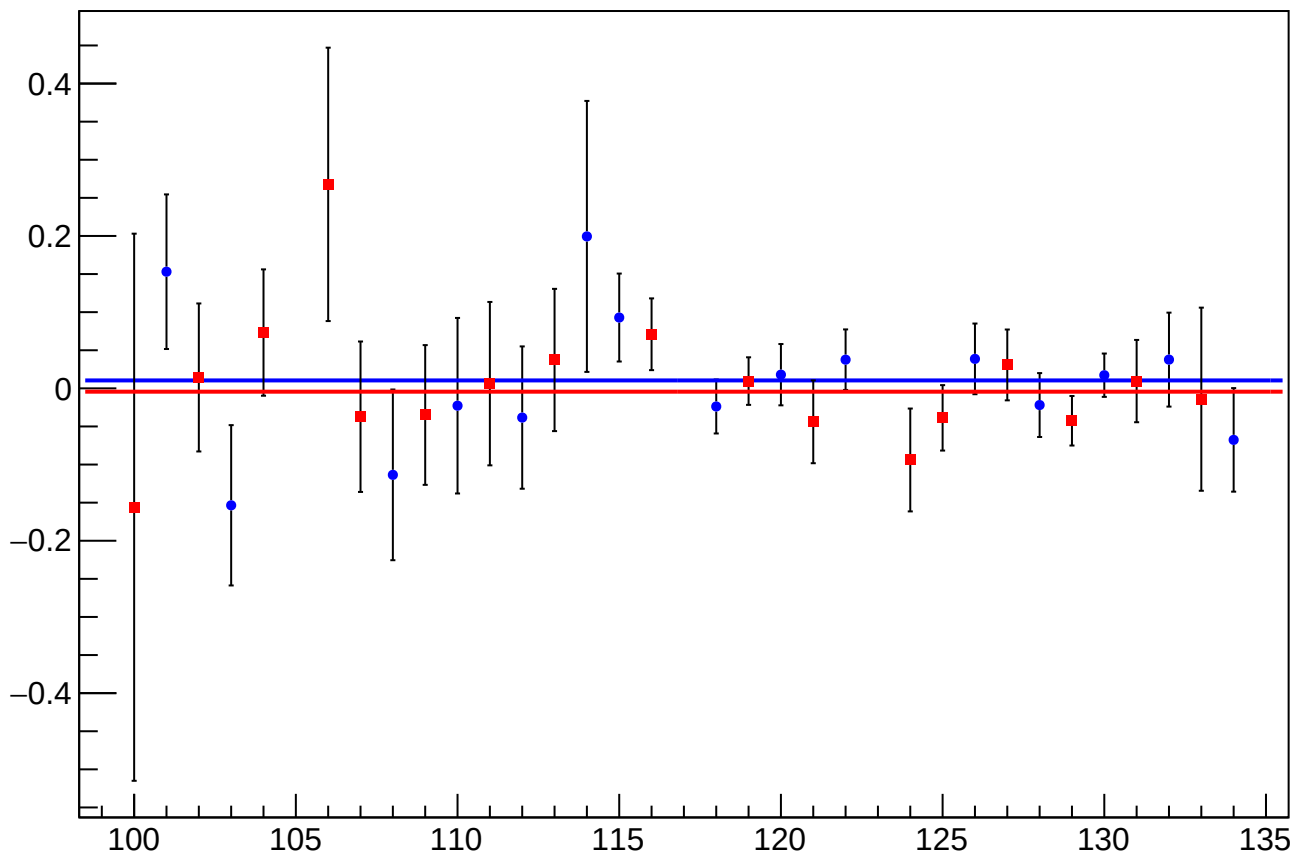
Right: 30.218+/-0.007 χ^2/NDF : 5089588.9/31

In: 29.093+/-0.009 χ^2/NDF :2420878.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.218+/-0.007 χ^2/NDF : 5089588.9/31

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

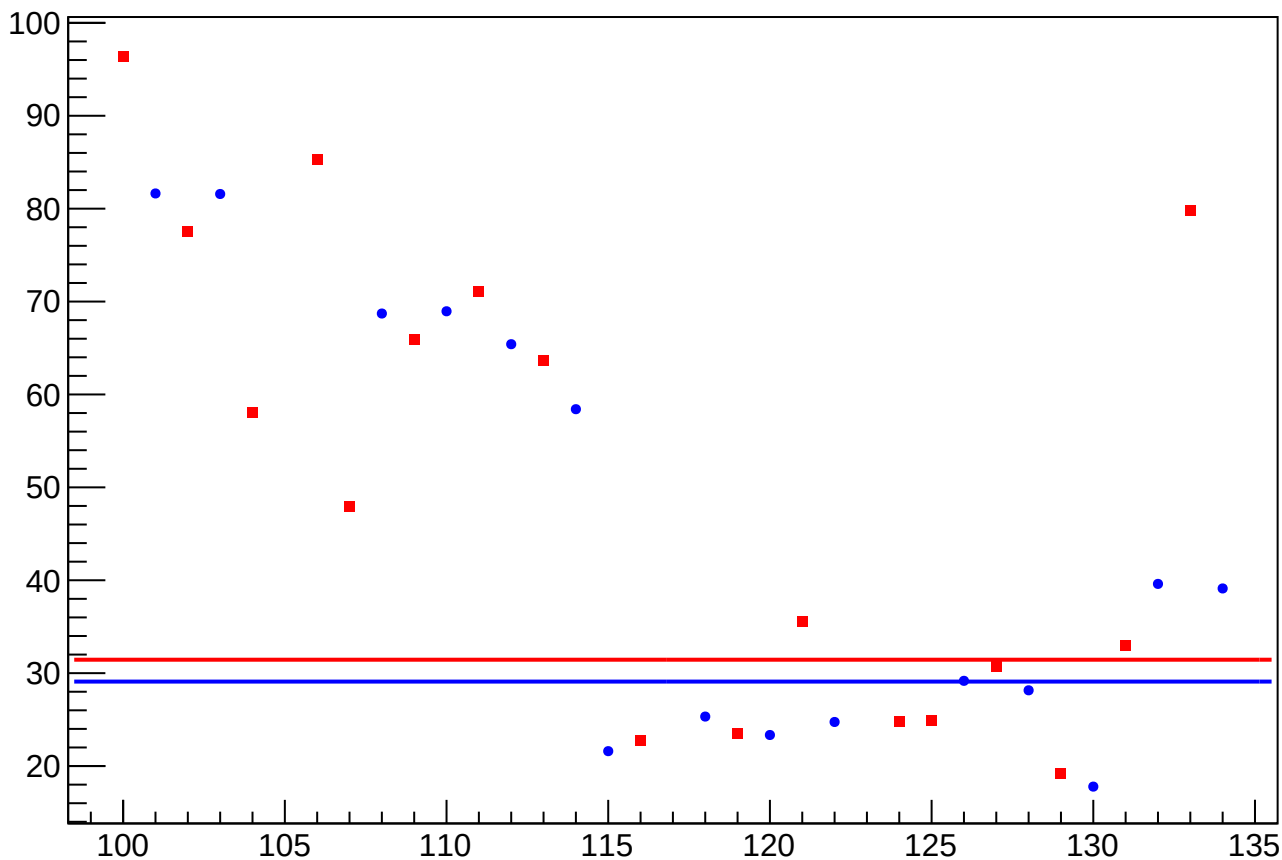
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.093+/-0.009 χ^2/NDF : 2420878.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.447+/-0.010 χ^2/NDF : 2639116.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

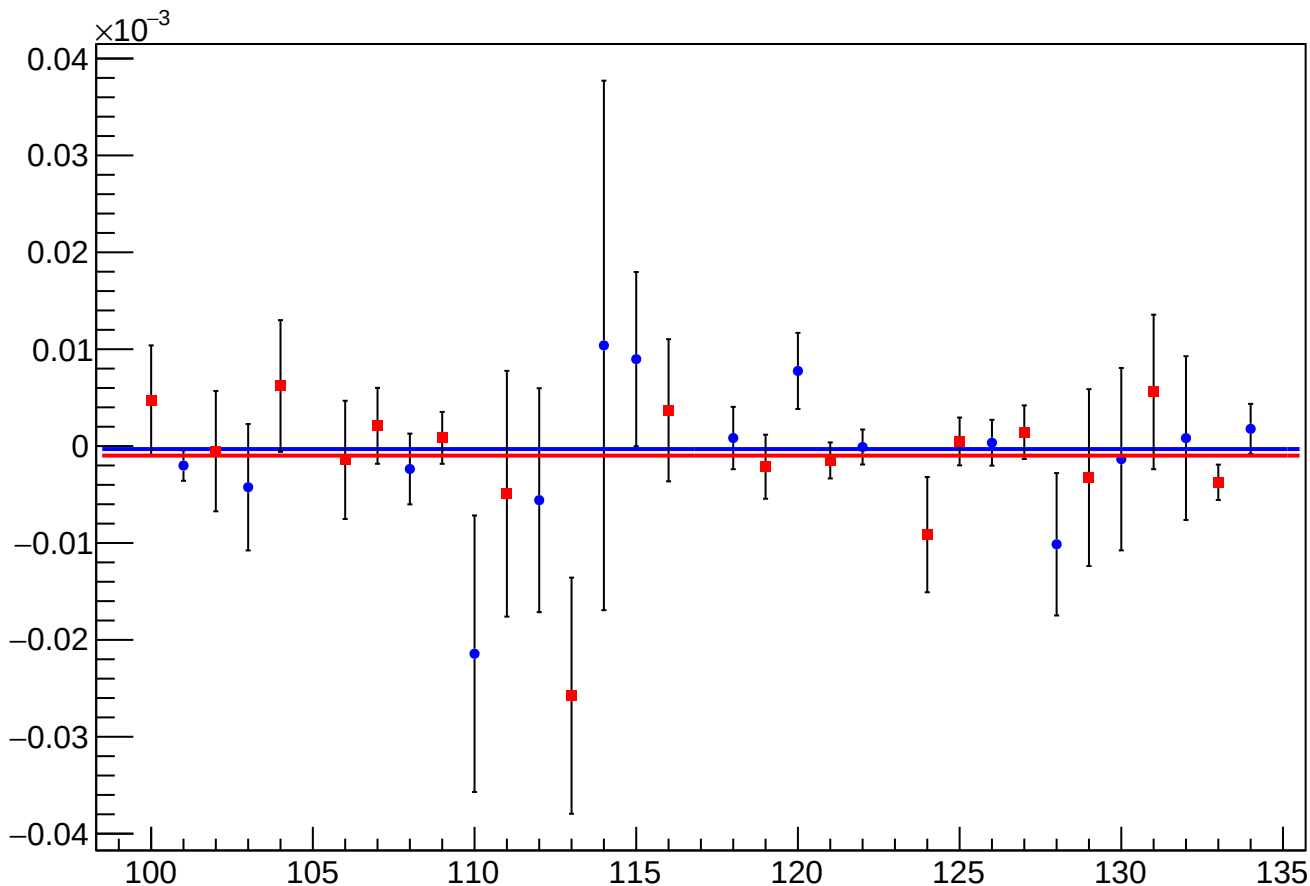
Right: 30.218+/-0.007 χ^2/NDF : 5089588.9/31

In: 29.093+/-0.009 χ^2/NDF : 2420878.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.007 χ^2/NDF : 5089588.9/31

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

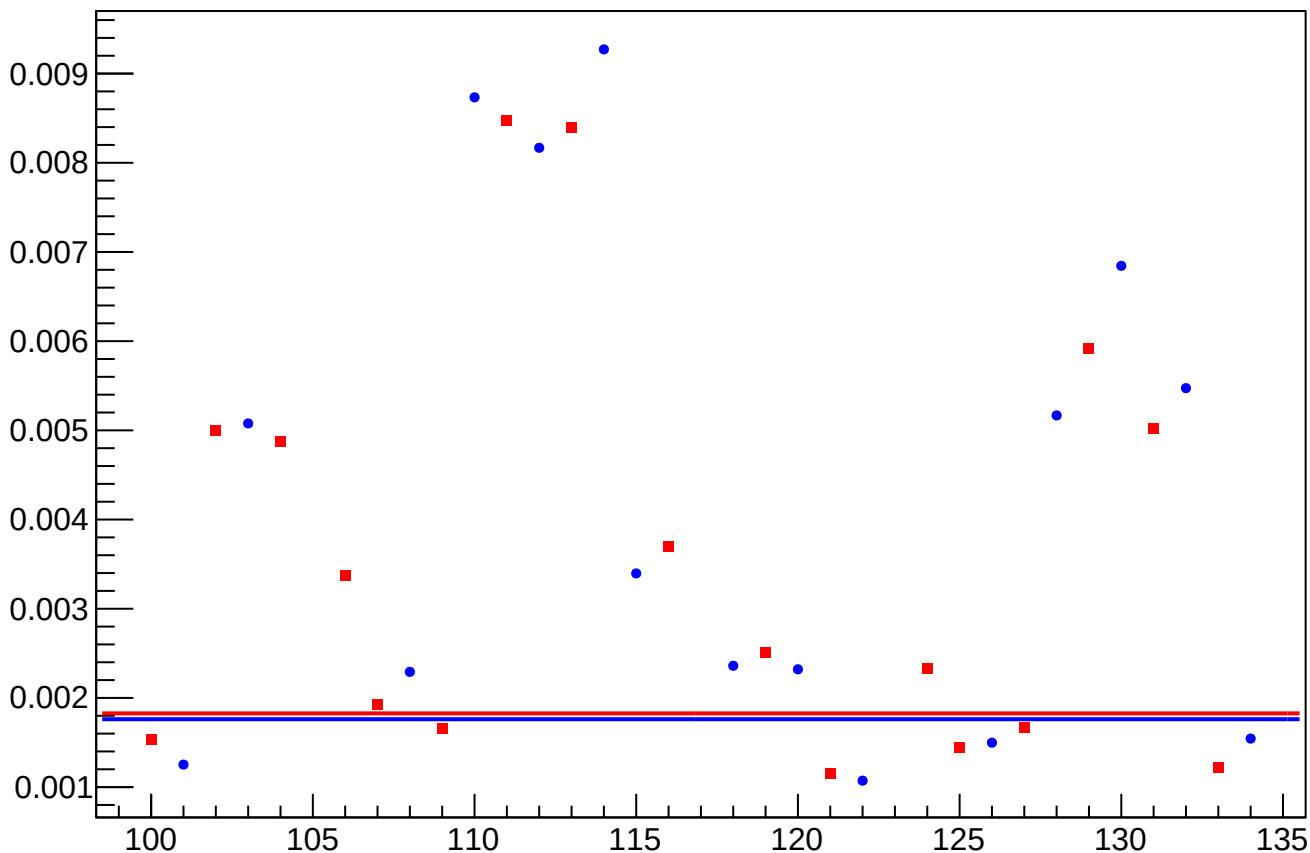
Right: -0.000+/-0.000 χ^2/NDF : 26.7/31

In: -0.000+/-0.000 χ^2/NDF : 12.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.7/31

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3915923.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3688019.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

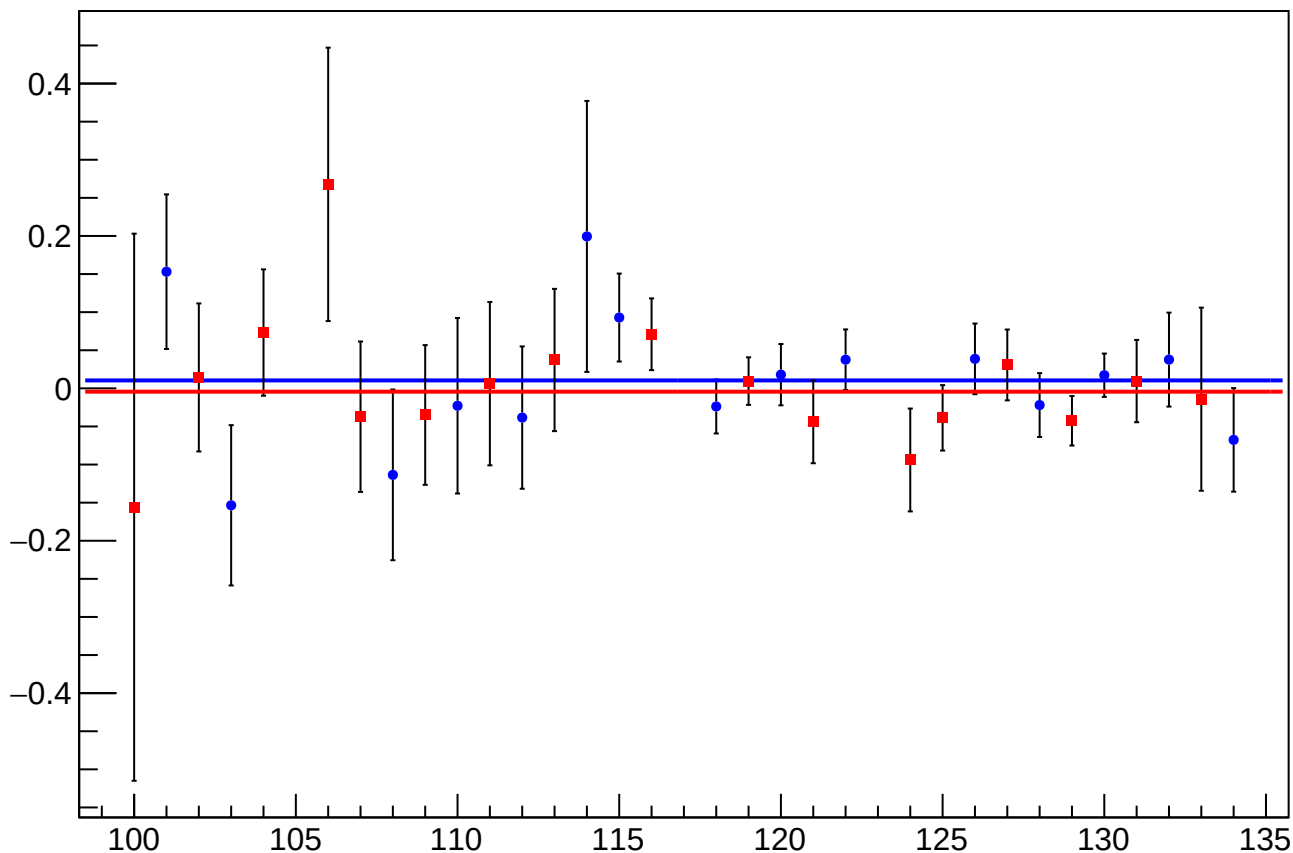
Right: 0.002+/-0.000 χ^2/NDF : 7609888.1/31

In: 0.002+/-0.000 χ^2/NDF :3915923.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7609888.1/31

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

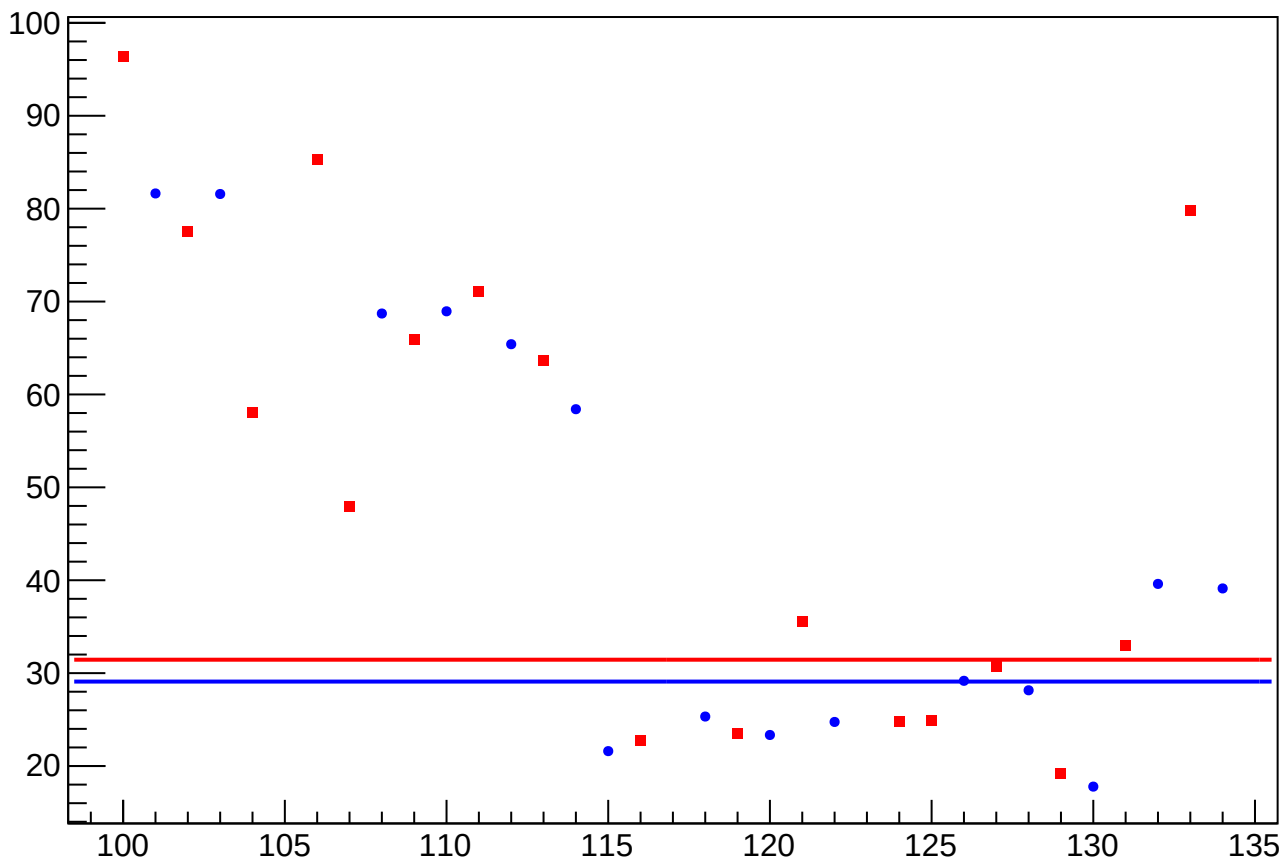
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.092+/-0.009 χ^2/NDF : 2421056.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.446+/-0.010 χ^2/NDF : 2639274.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

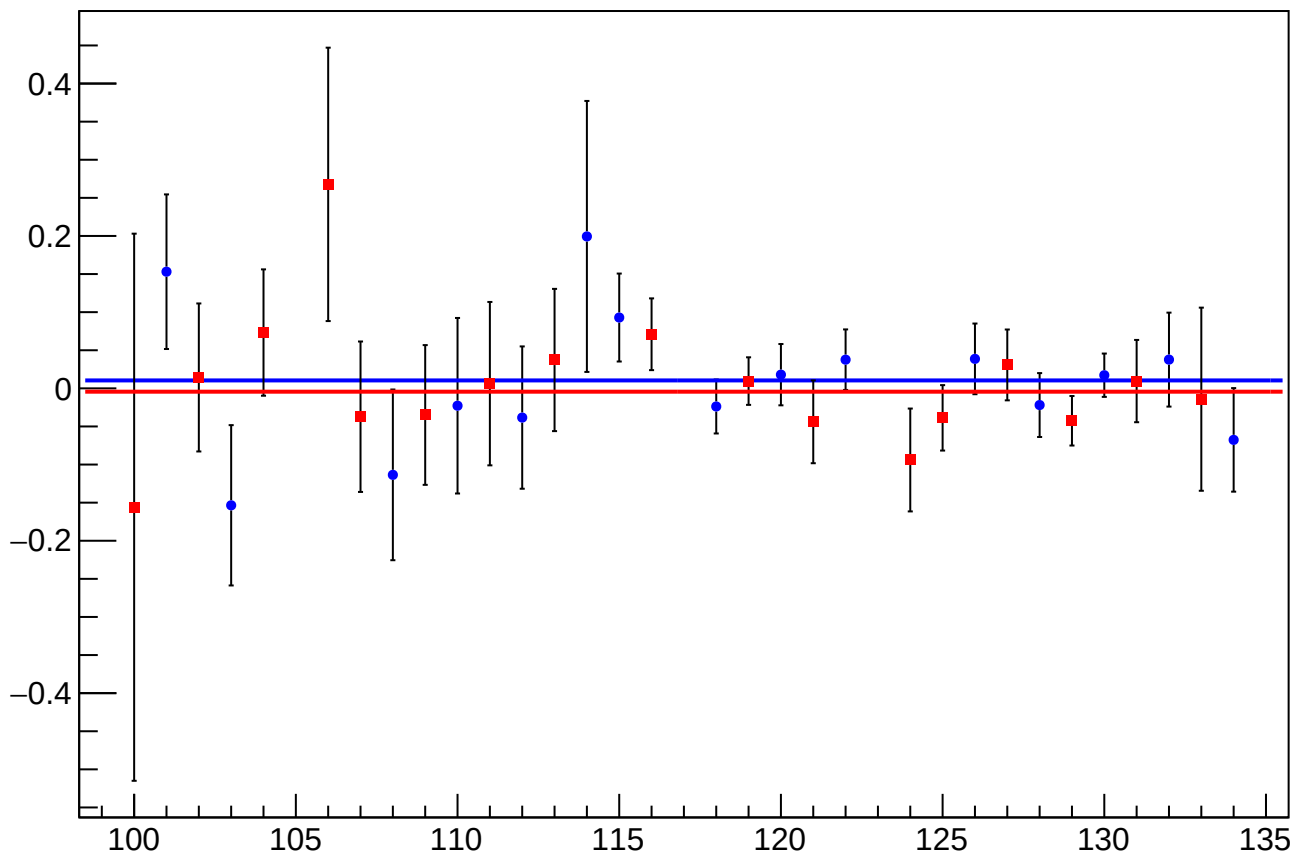
Right: 30.216+/-0.007 χ^2/NDF : 5089927.3/31

In: 29.092+/-0.009 χ^2/NDF : 2421056.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.216+/-0.007 χ^2/NDF : 5089927.3/31

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

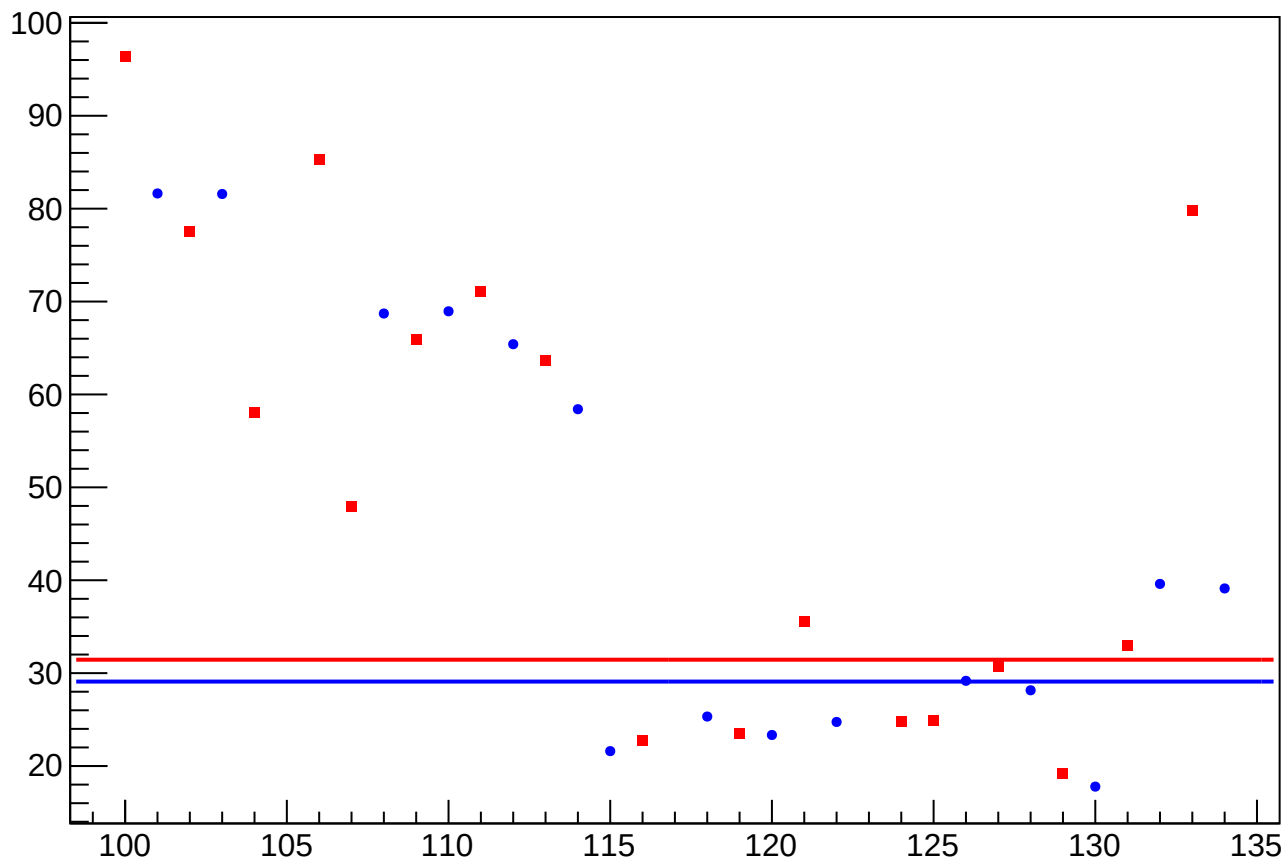
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 25.3/31

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.092+/-0.009 χ^2/NDF : 2421056.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.446+/-0.010 χ^2/NDF : 2639274.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

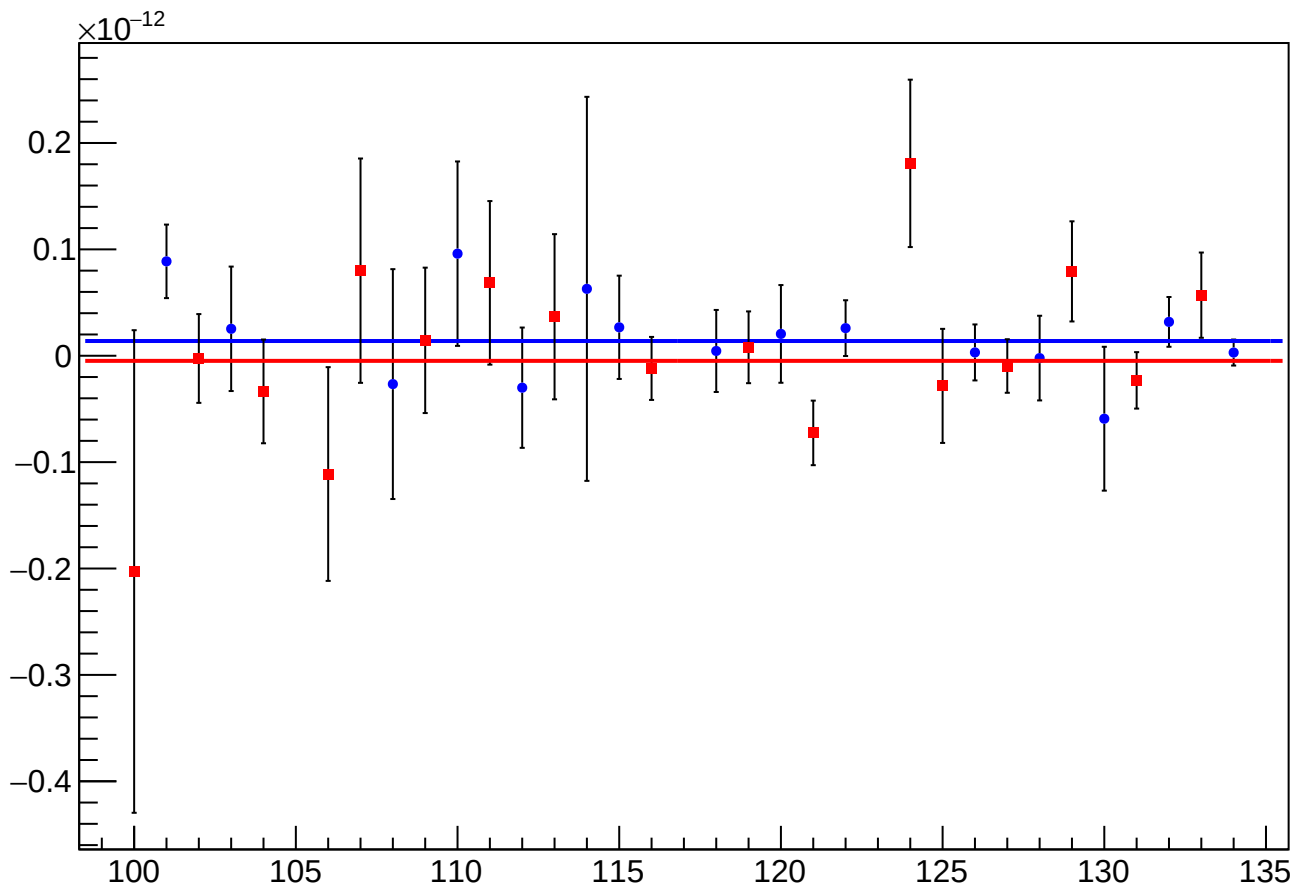
Right: 30.216+/-0.007 χ^2/NDF : 5089927.3/31

In: 29.092+/-0.009 χ^2/NDF : 2421056.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.216+/-0.007 χ^2/NDF : 5089927.3/31

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

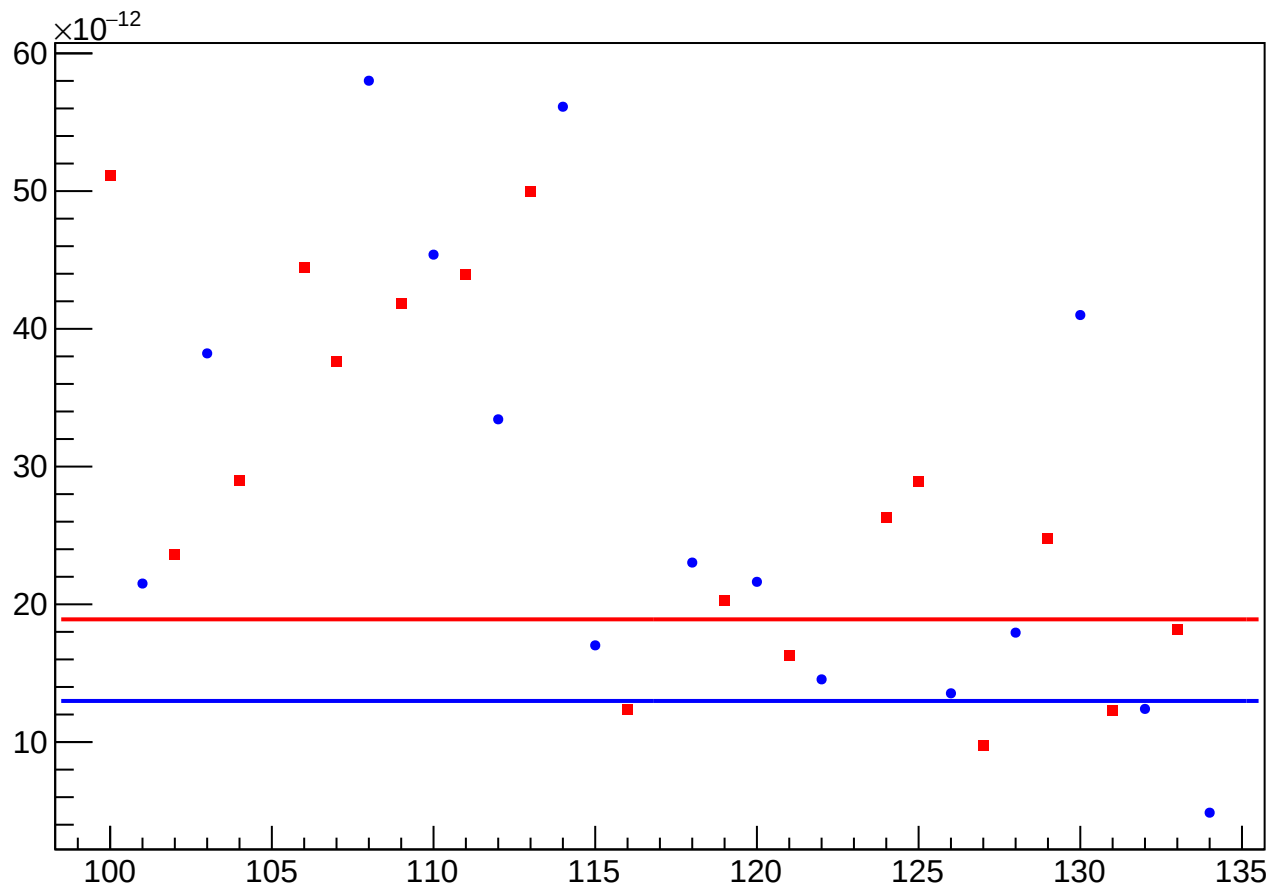
Right: 0.000+/-0.000 χ^2/NDF : 32.9/31

In: 0.000+/-0.000 χ^2/NDF : 9.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.9/31

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2980908.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1721046.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

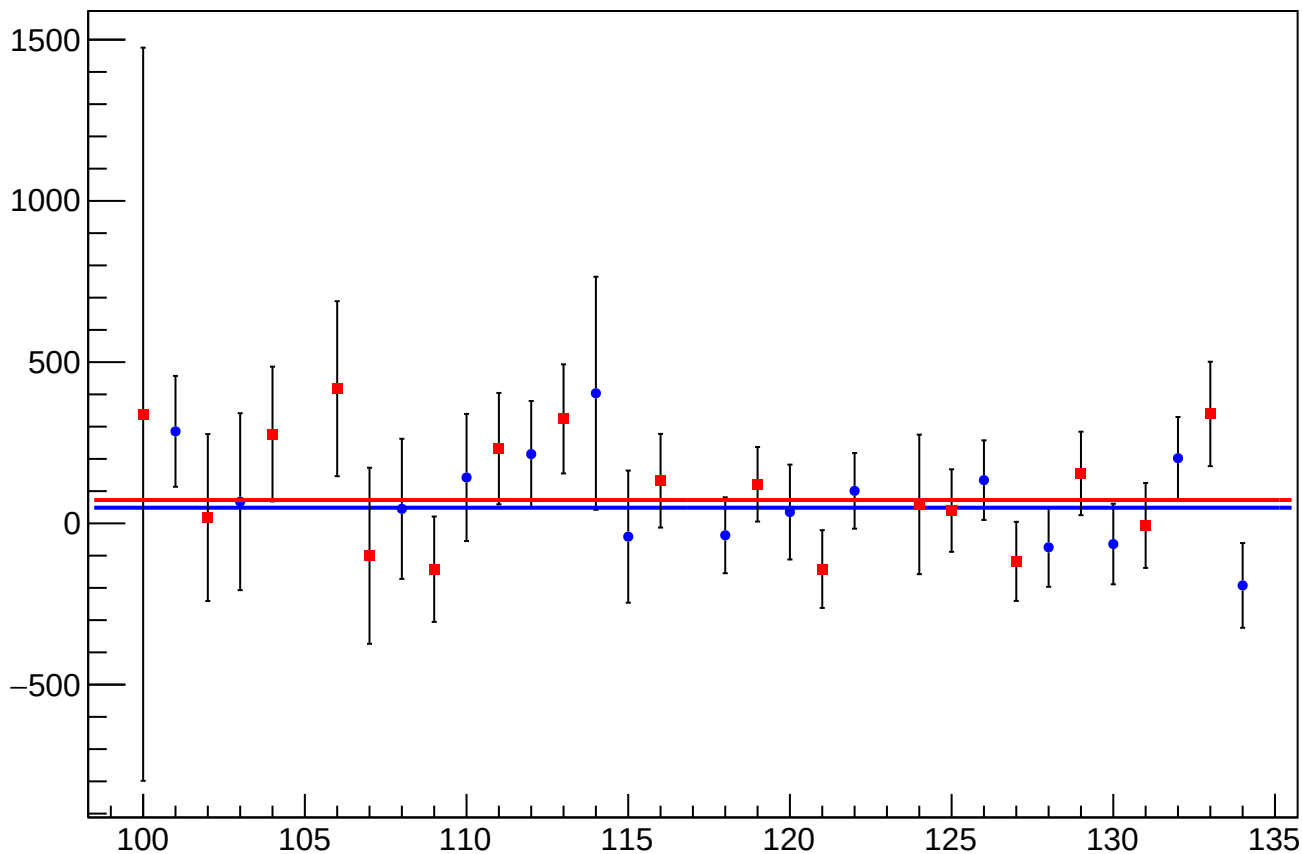
Right: 0.000+/-0.000 χ^2/NDF : 5114041.3/31

In: 0.000+/-0.000 χ^2/NDF : 2980908.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5114041.3/31

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.572 $\pm$ 38.649 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.340 $\pm$ 38.719 χ^2 /NDF: 17.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

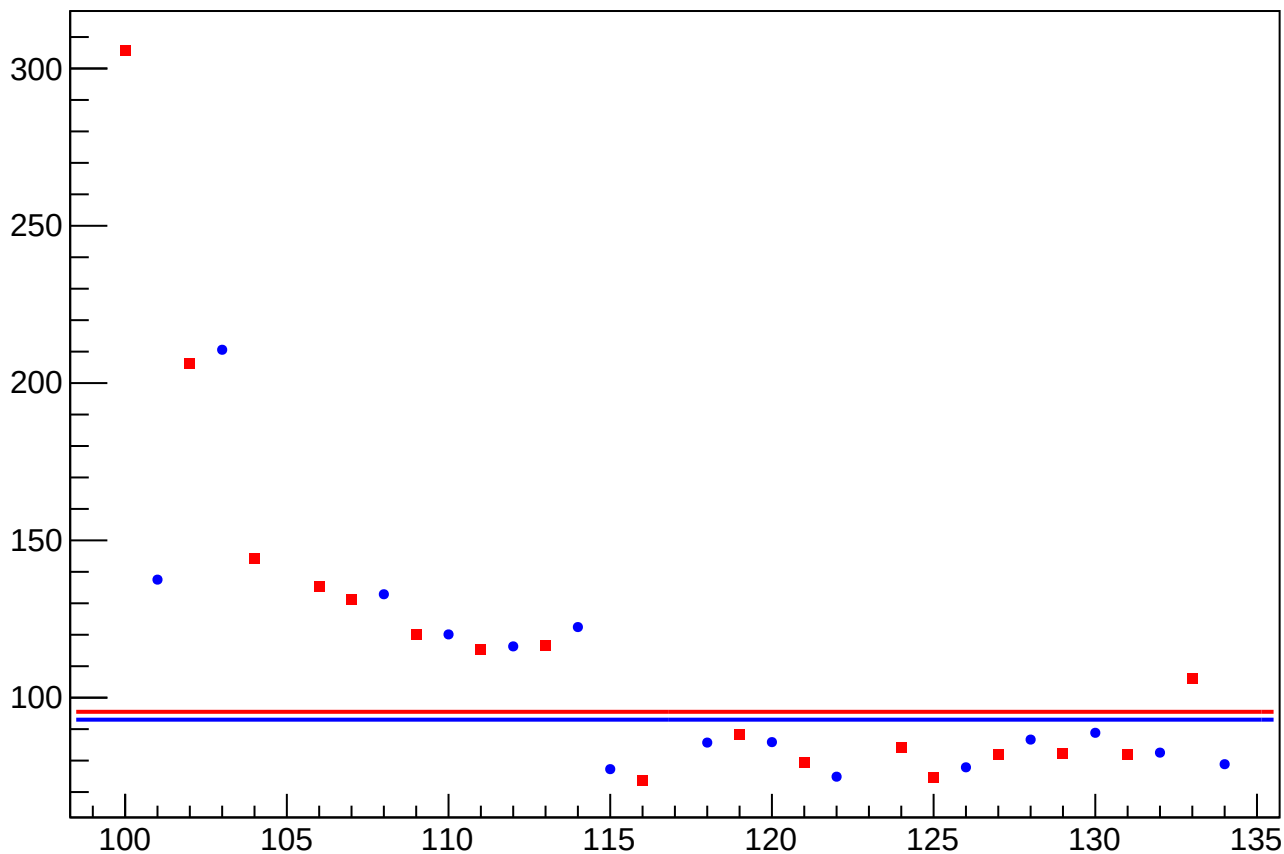
Right: 60.435 $\pm$ 27.354 χ^2 /NDF: 29.7/31

In: 48.572 $\pm$ 38.649 χ^2 /NDF:12.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.435 $\pm$ 27.354 χ^2 /NDF: 29.7/31

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 93.006+/-0.027 χ^2/NDF : 806388.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.508+/-0.027 χ^2/NDF : 945260.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

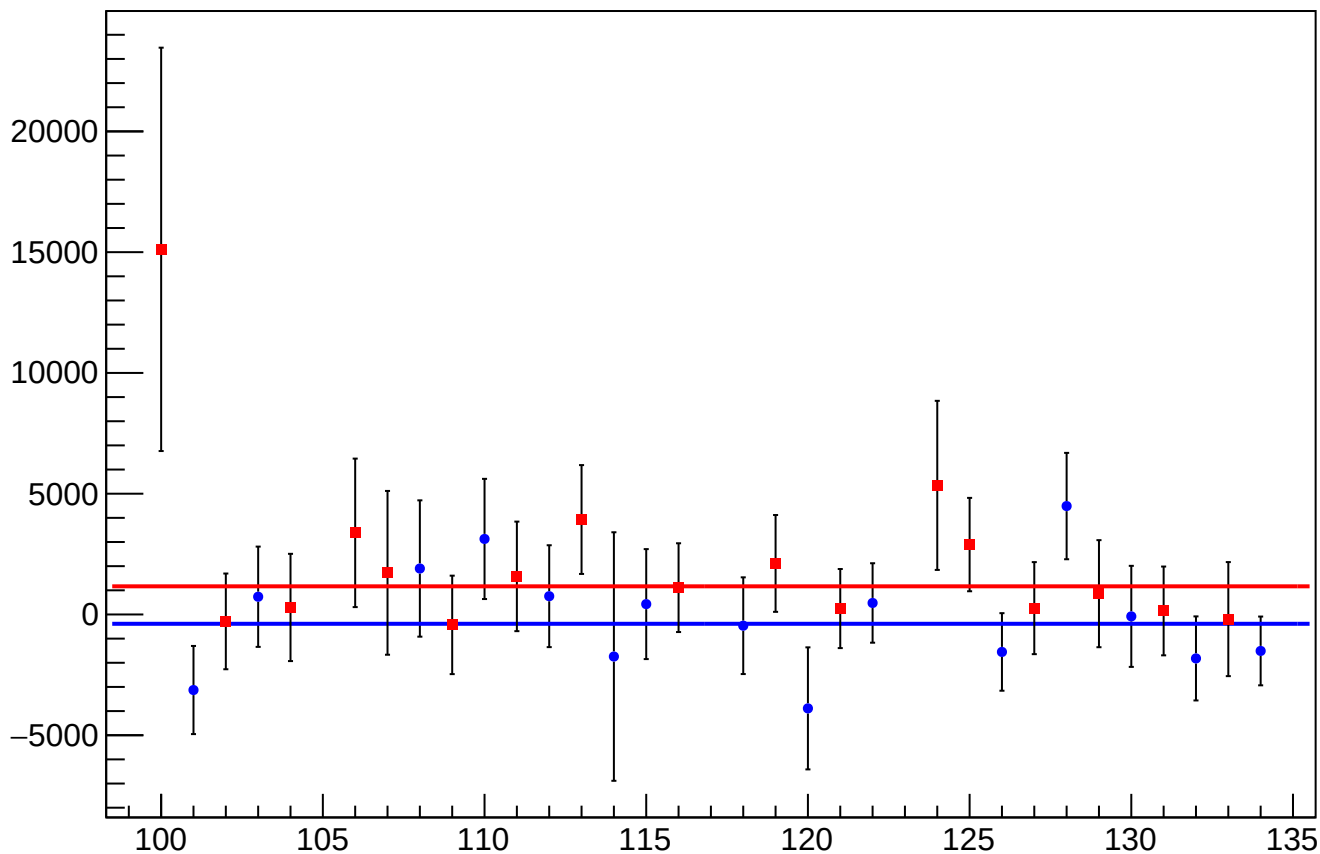
Right: 94.255+/-0.019 χ^2/NDF : 1755832.4/31

In: 93.006+/-0.027 χ^2/NDF : 806388.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.255+/-0.019 χ^2/NDF : 1755832.4/31

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -386.003+/-520.069 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.312+/-533.105 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

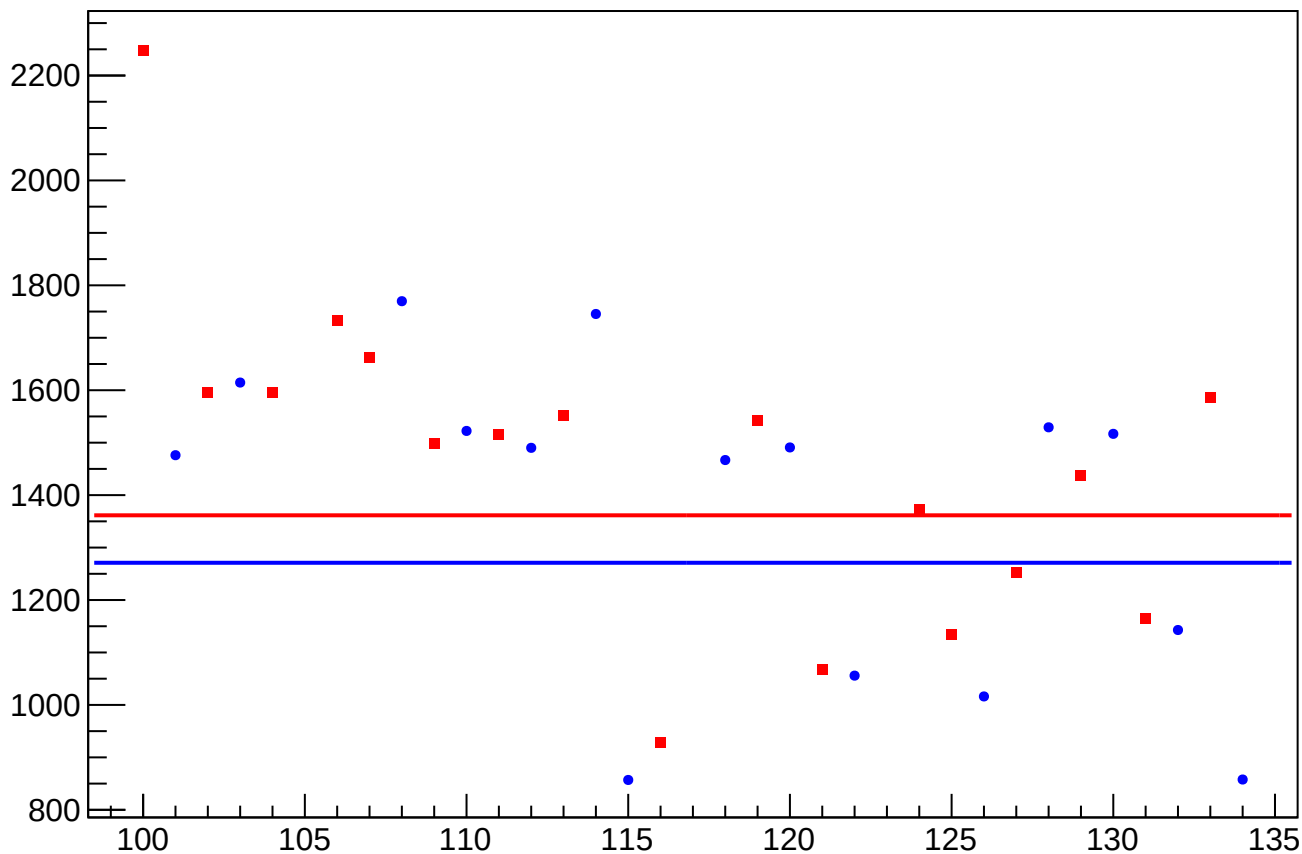
Right: 370.456+/-372.268 χ^2/NDF : 28.8/31

In: -386.003+/-520.069 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.456+/-372.268 χ^2/NDF : 28.8/31

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1271.022+/-0.368 χ^2/NDF : 621129.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.515+/-0.377 χ^2/NDF : 420028.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

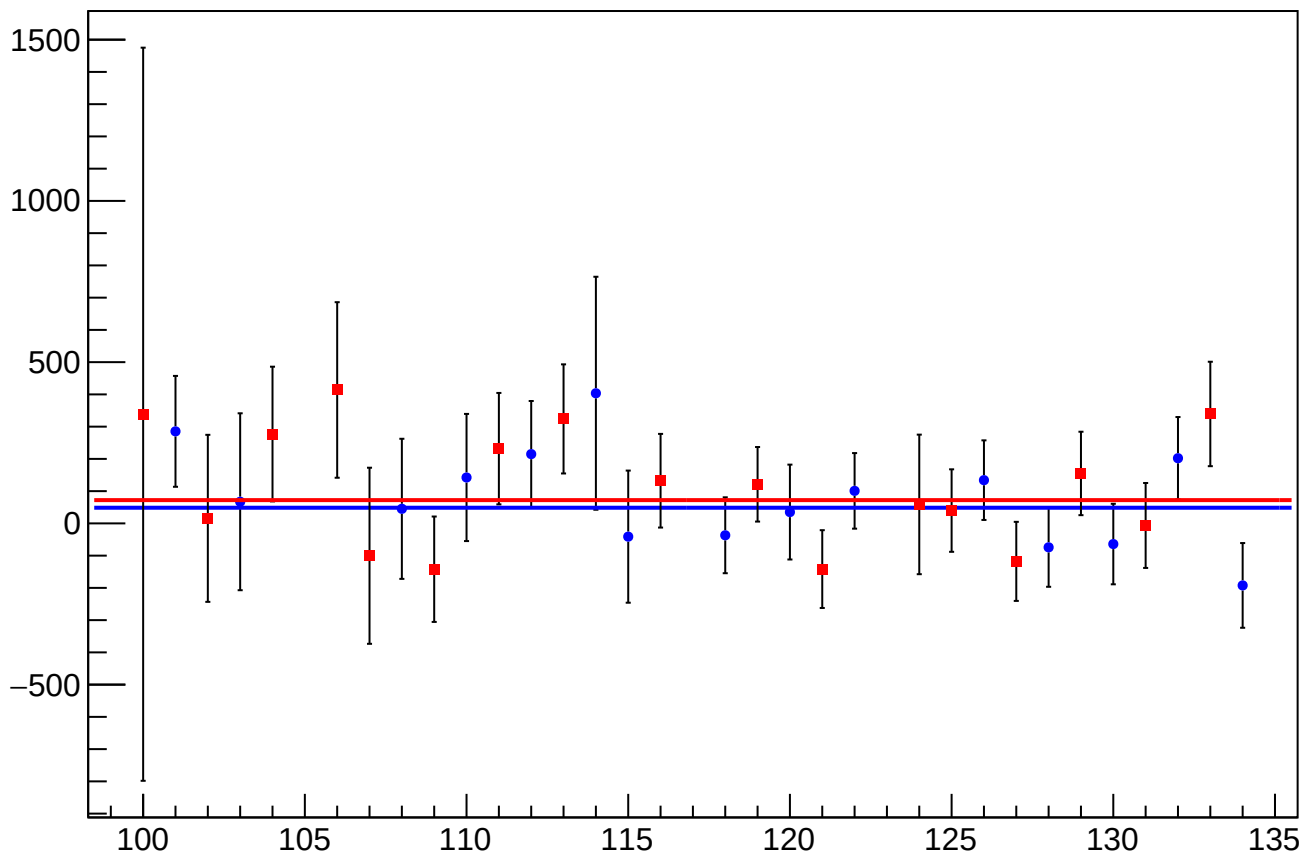
Right: 1315.149+/-0.263 χ^2/NDF : 1070684.9/31

In: 1271.022+/-0.368 χ^2/NDF : 621129.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.149+/-0.263 χ^2/NDF : 1070684.9/31

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.563+/-38.649 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.157+/-38.722 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

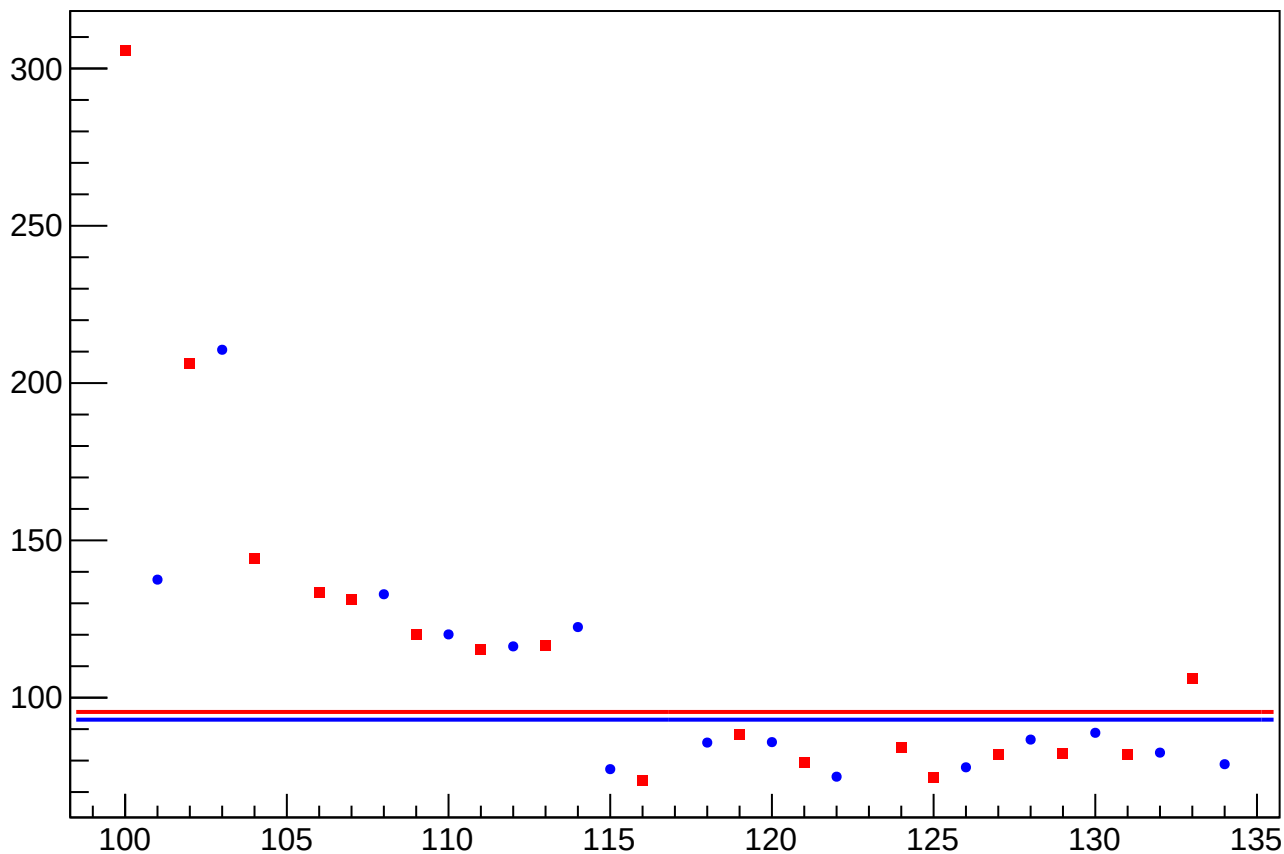
Right: 60.338+/-27.355 χ^2/NDF : 29.6/31

In: 48.563+/-38.649 χ^2/NDF : 12.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.338+/-27.355 χ^2/NDF : 29.6/31

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 93.006+/-0.027 χ^2/NDF : 806391.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.463+/-0.027 χ^2/NDF : 941214.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

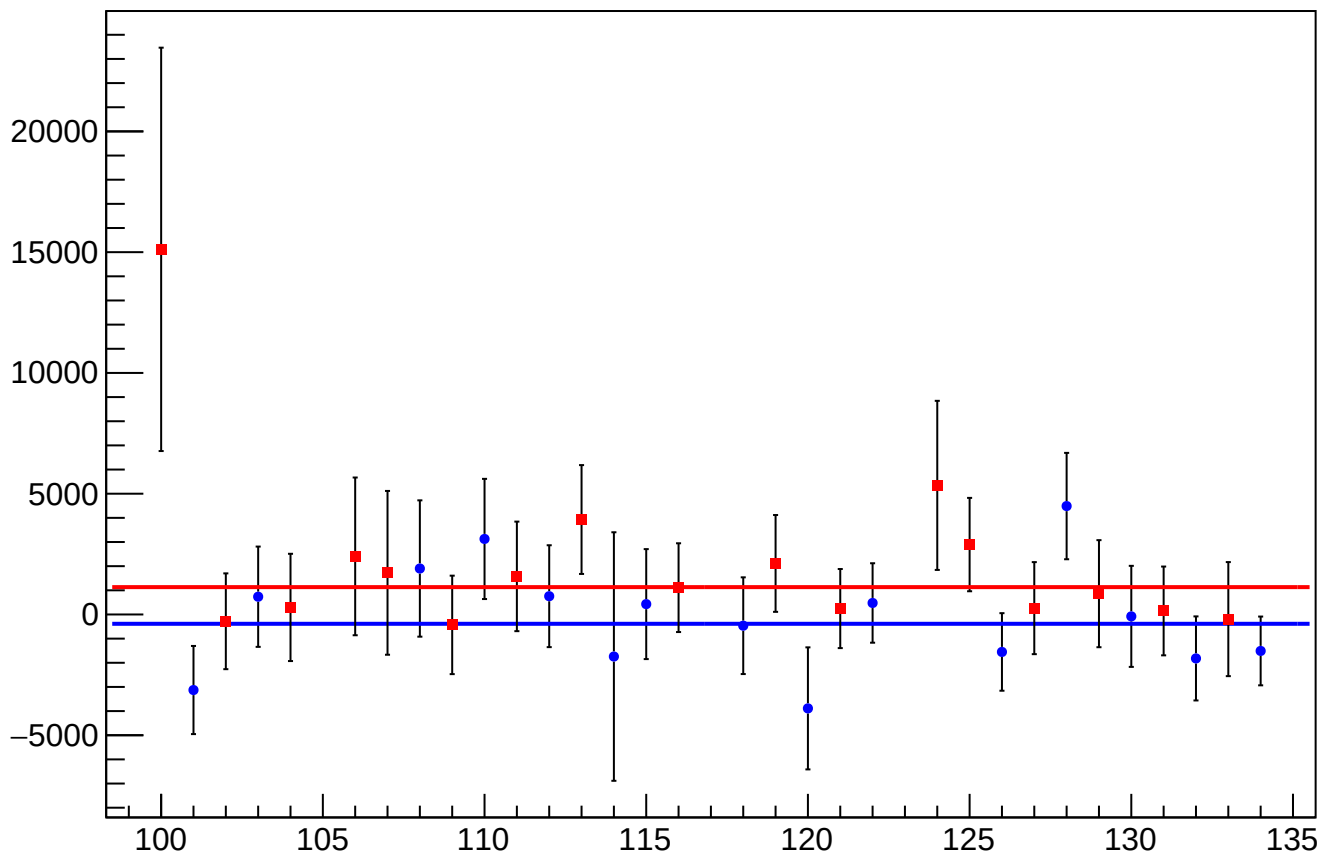
Right: 94.232+/-0.019 χ^2/NDF : 1751639.9/31

In: 93.006+/-0.027 χ^2/NDF : 806391.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.232+/-0.019 χ^2/NDF : 1751639.9/31

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -385.950+/-520.071 χ^2 /NDF: 14.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1132.241+/-534.048 χ^2 /NDF: 9.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

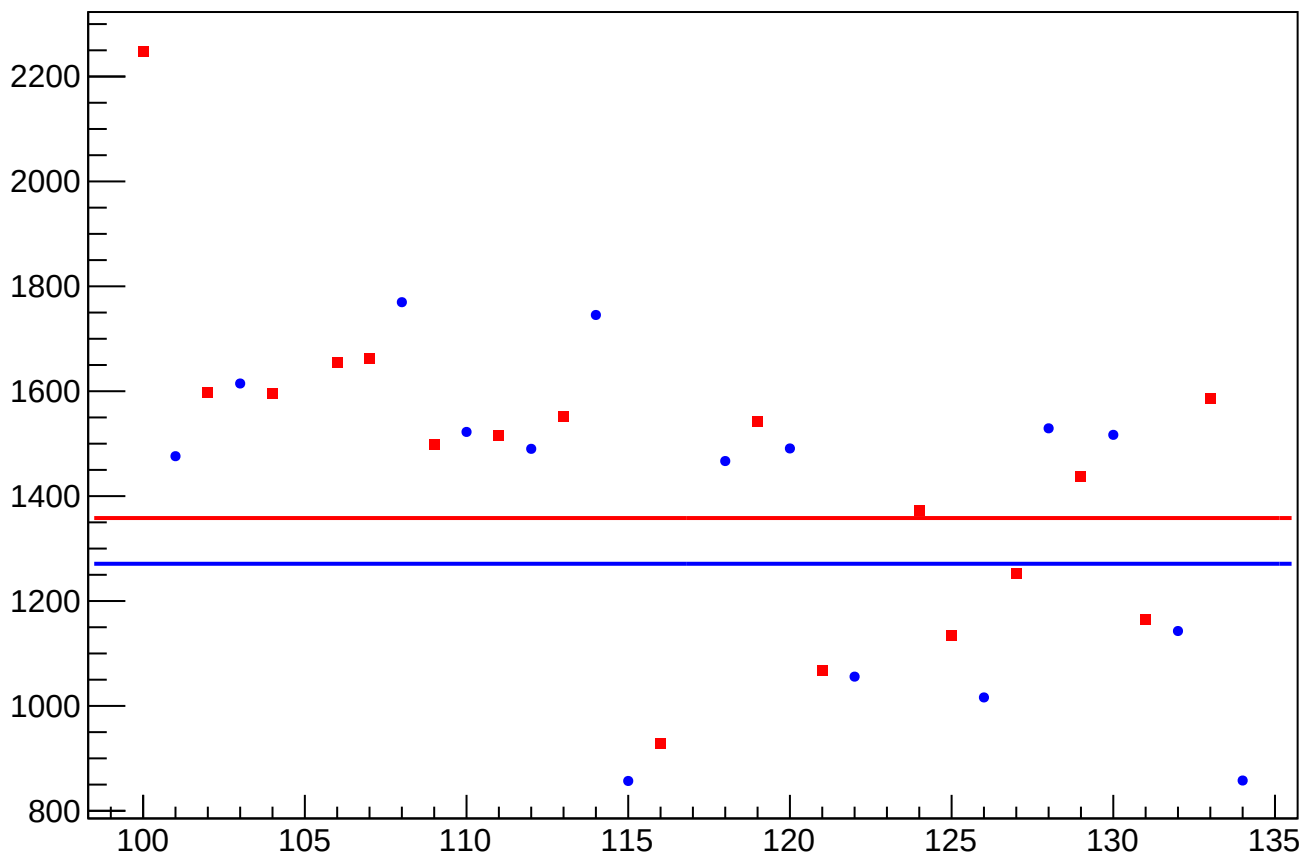
Right: 353.019+/-372.589 χ^2 /NDF: 28.2/31

In: -385.950+/-520.071 χ^2 /NDF:14.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 353.019+/-372.589 χ^2 /NDF: 28.2/31

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1271.025+/-0.368 χ^2/NDF : 621158.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.209+/-0.378 χ^2/NDF : 407115.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

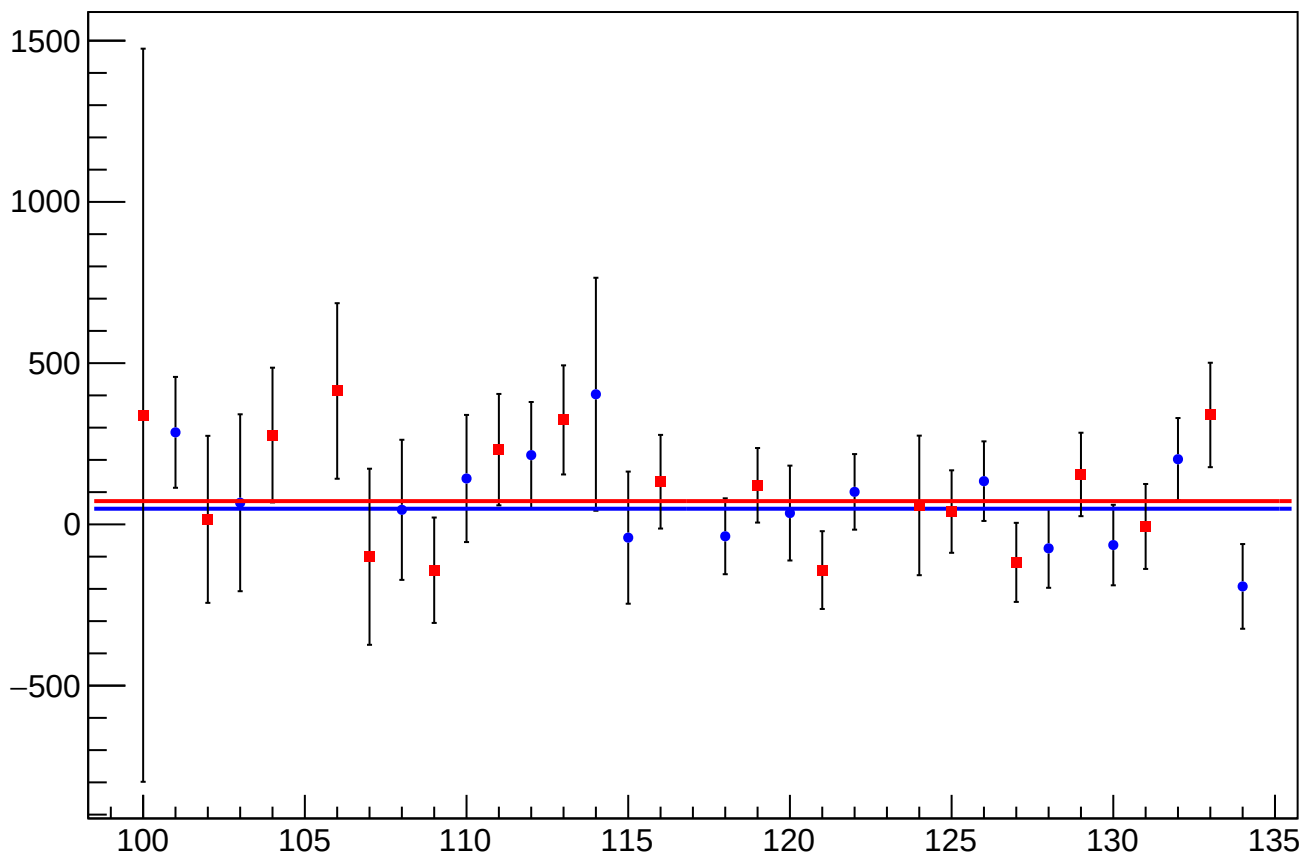
Right: 1313.461+/-0.263 χ^2/NDF : 1055631.8/31

In: 1271.025+/-0.368 χ^2/NDF : 621158.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.461+/-0.263 χ^2/NDF : 1055631.8/31

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.563+/-38.649 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.157+/-38.722 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

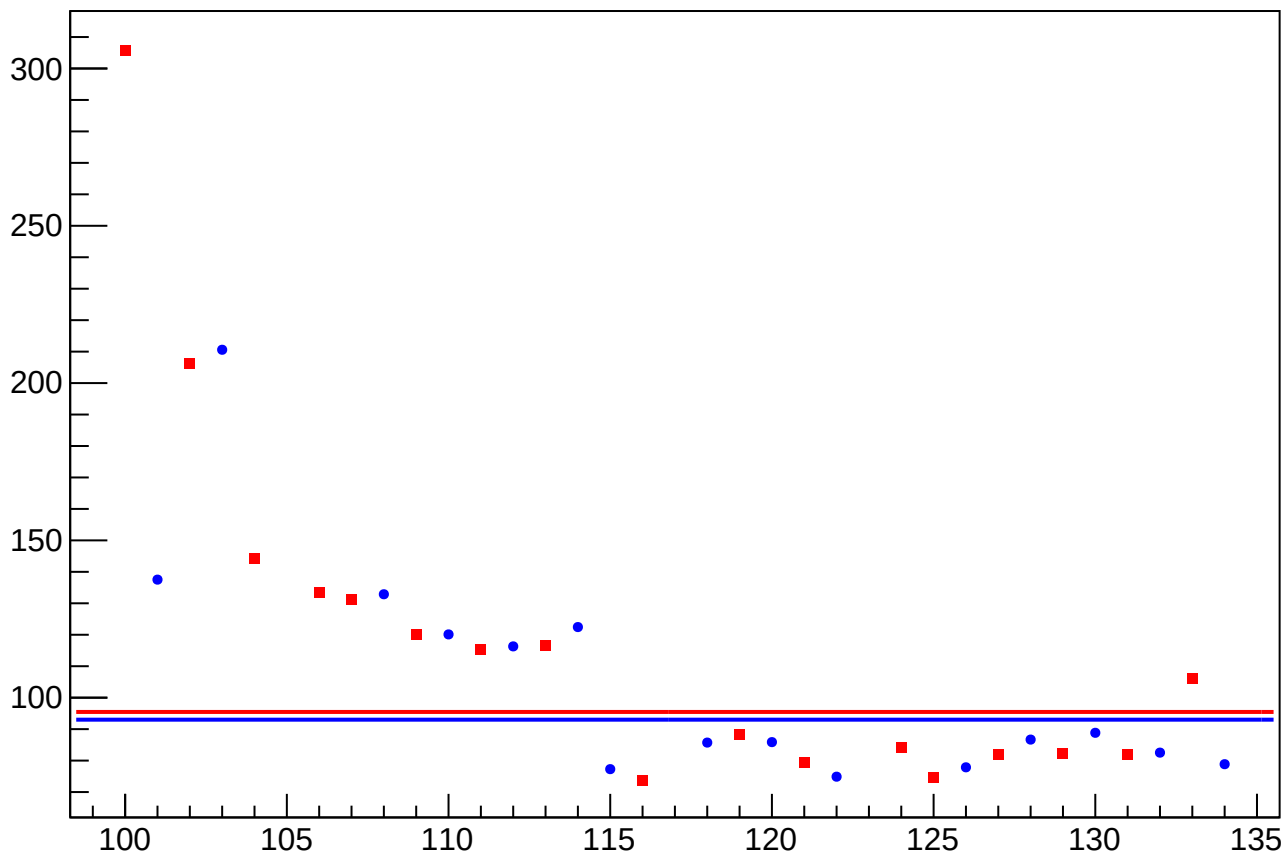
Right: 60.338+/-27.355 χ^2/NDF : 29.6/31

In: 48.563+/-38.649 χ^2/NDF : 12.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.338+/-27.355 χ^2/NDF : 29.6/31

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 93.006+/-0.027 χ^2/NDF : 806391.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.463+/-0.027 χ^2/NDF : 941214.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

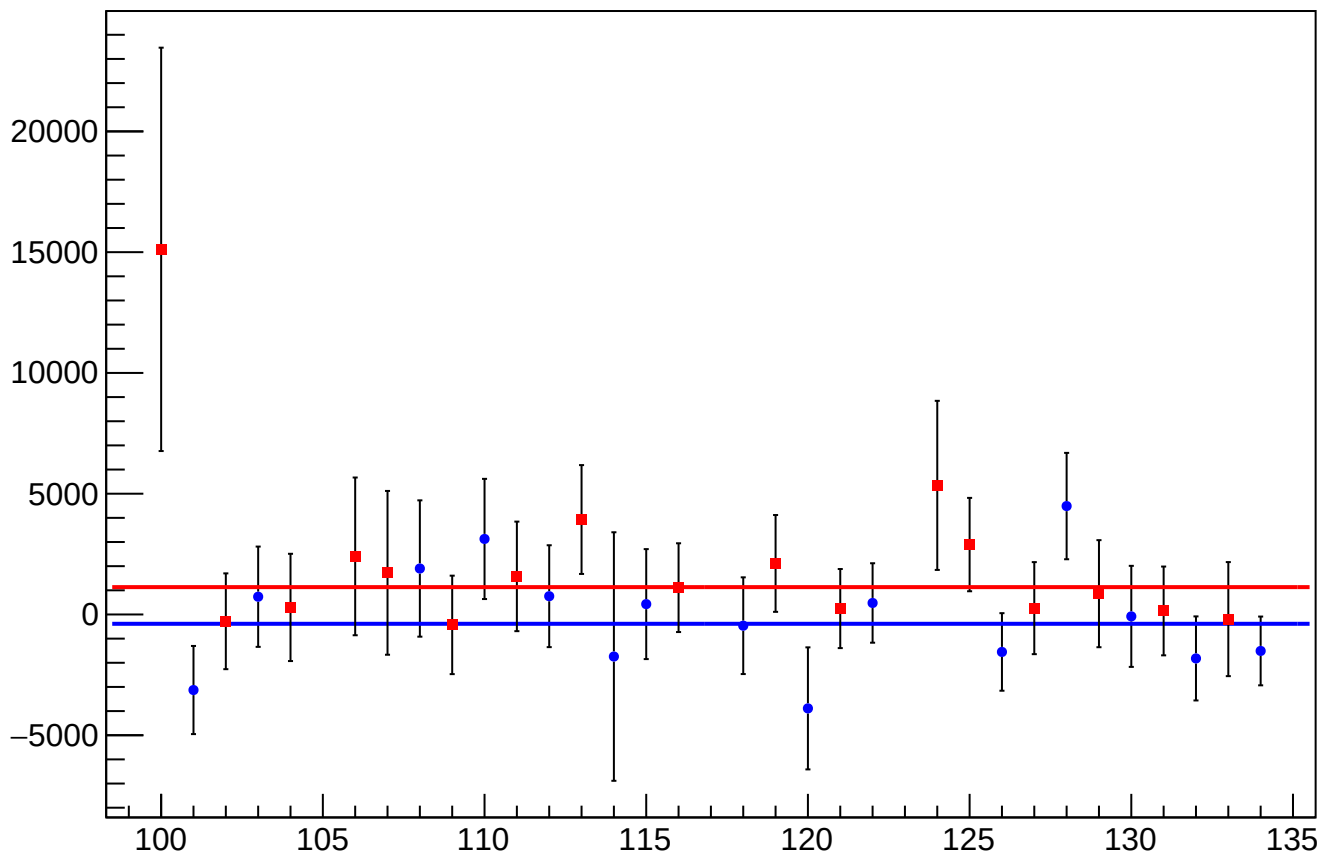
Right: 94.232+/-0.019 χ^2/NDF : 1751639.9/31

In: 93.006+/-0.027 χ^2/NDF : 806391.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.232+/-0.019 χ^2/NDF : 1751639.9/31

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -385.950 ± 520.071 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1132.241 ± 534.048 χ^2/NDF : 9.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

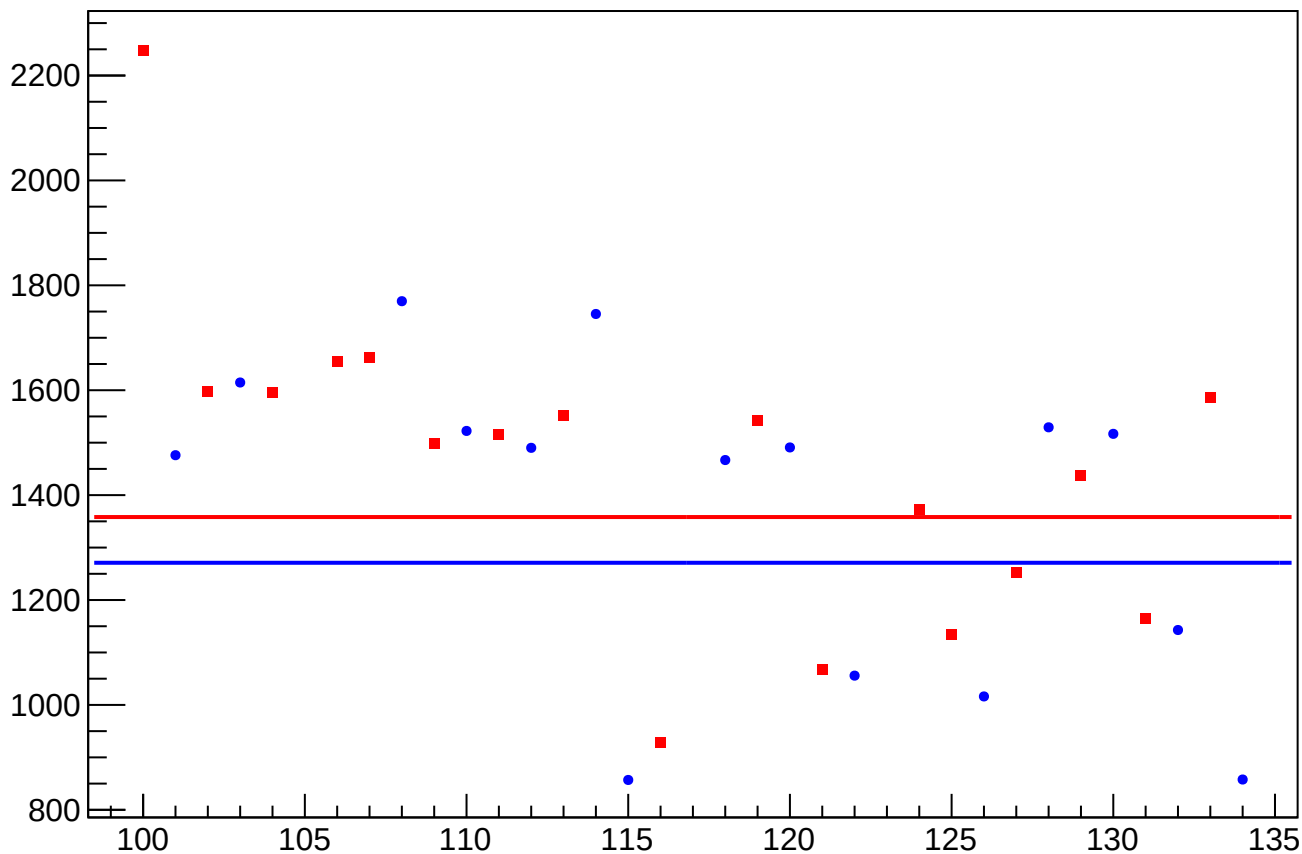
Right: 353.019 ± 372.589 χ^2/NDF : 28.2/31

In: -385.950 ± 520.071 χ^2/NDF : 14.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 353.019 ± 372.589 χ^2/NDF : 28.2/31

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1271.025+/-0.368 χ^2/NDF : 621158.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.209+/-0.378 χ^2/NDF : 407115.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

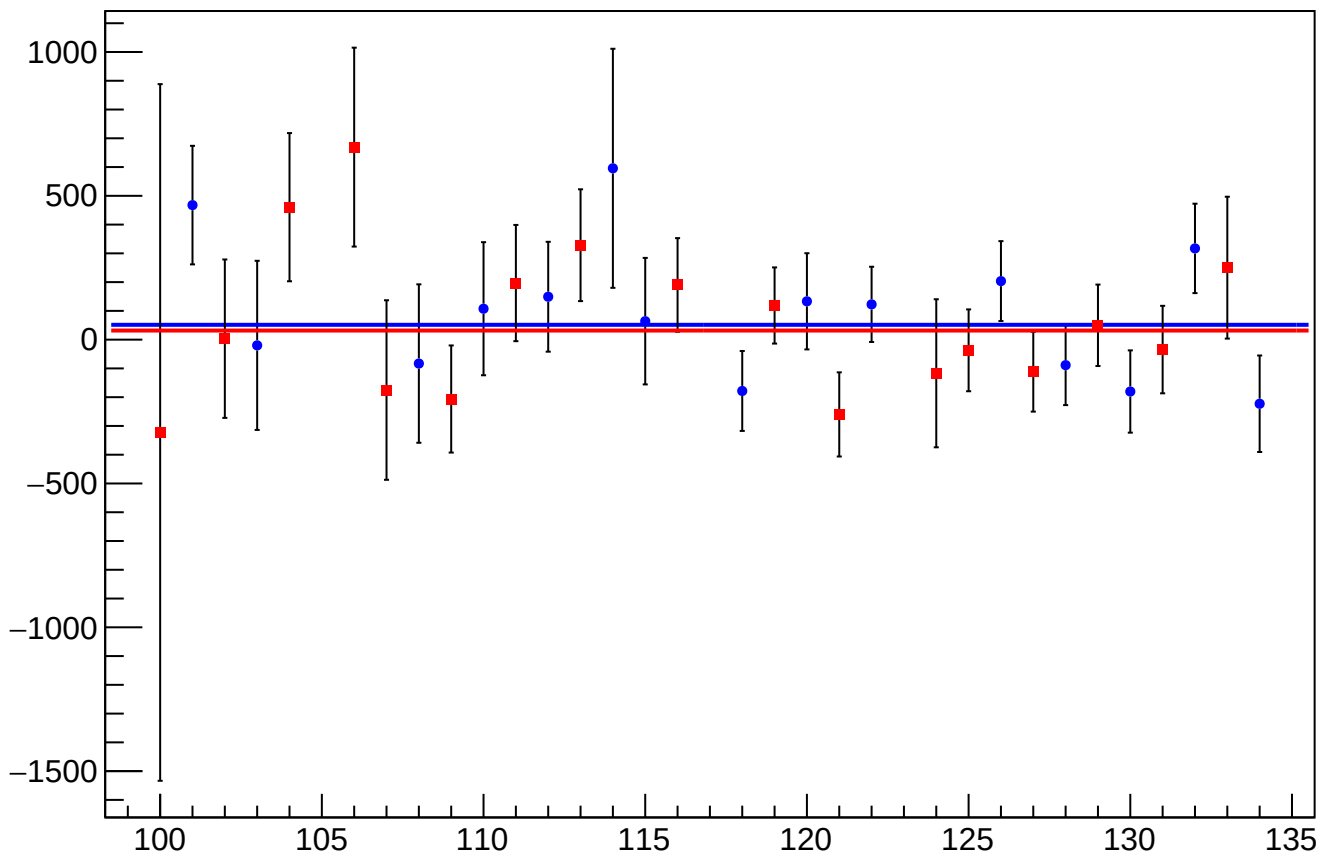
Right: 1313.461+/-0.263 χ^2/NDF : 1055631.8/31

In: 1271.025+/-0.368 χ^2/NDF : 621158.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.461+/-0.263 χ^2/NDF : 1055631.8/31

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 51.595 $\pm$ 44.883 χ^2 /NDF: 20.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.668 $\pm$ 44.949 χ^2 /NDF: 19.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

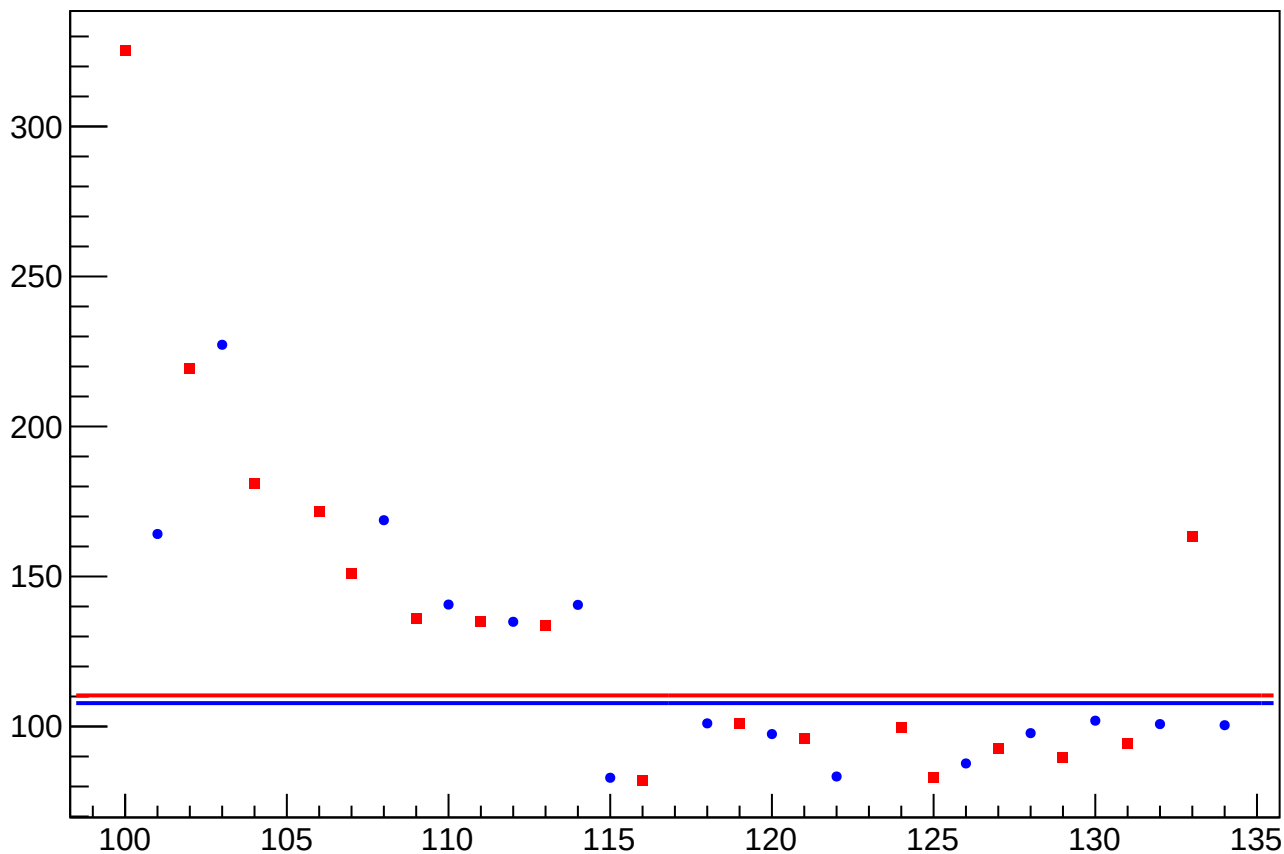
Right: 41.646 $\pm$ 31.760 χ^2 /NDF: 39.5/31

In: 51.595 $\pm$ 44.883 χ^2 /NDF:20.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.646 $\pm$ 31.760 χ^2 /NDF: 39.5/31

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 107.791+/-0.032 χ^2/NDF : 842363.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.358+/-0.032 χ^2/NDF : 1076273.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

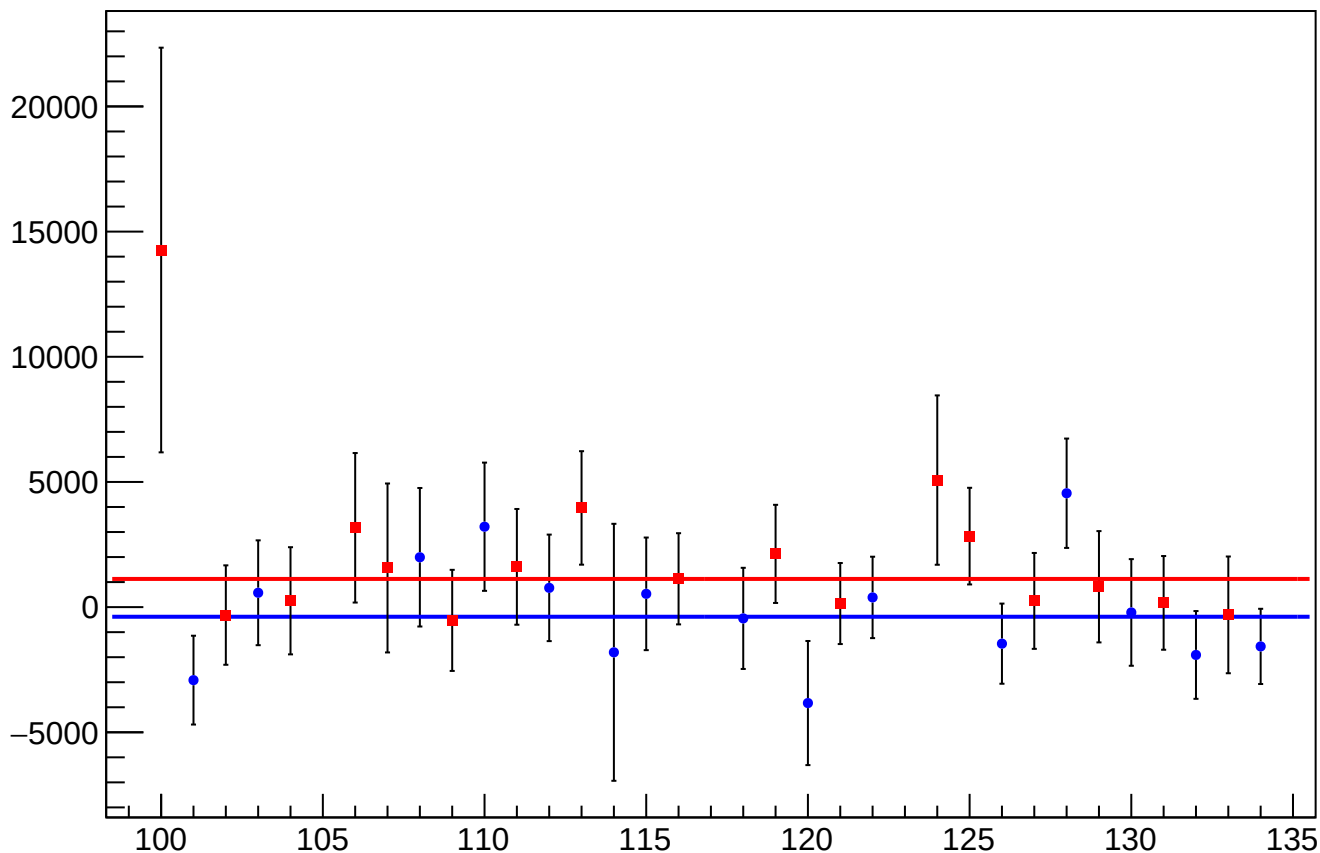
Right: 109.073+/-0.022 χ^2/NDF : 1921904.1/31

In: 107.791+/-0.032 χ^2/NDF : 842363.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.073+/-0.022 χ^2/NDF : 1921904.1/31

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -384.251+/-522.694 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1125.997+/-530.158 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

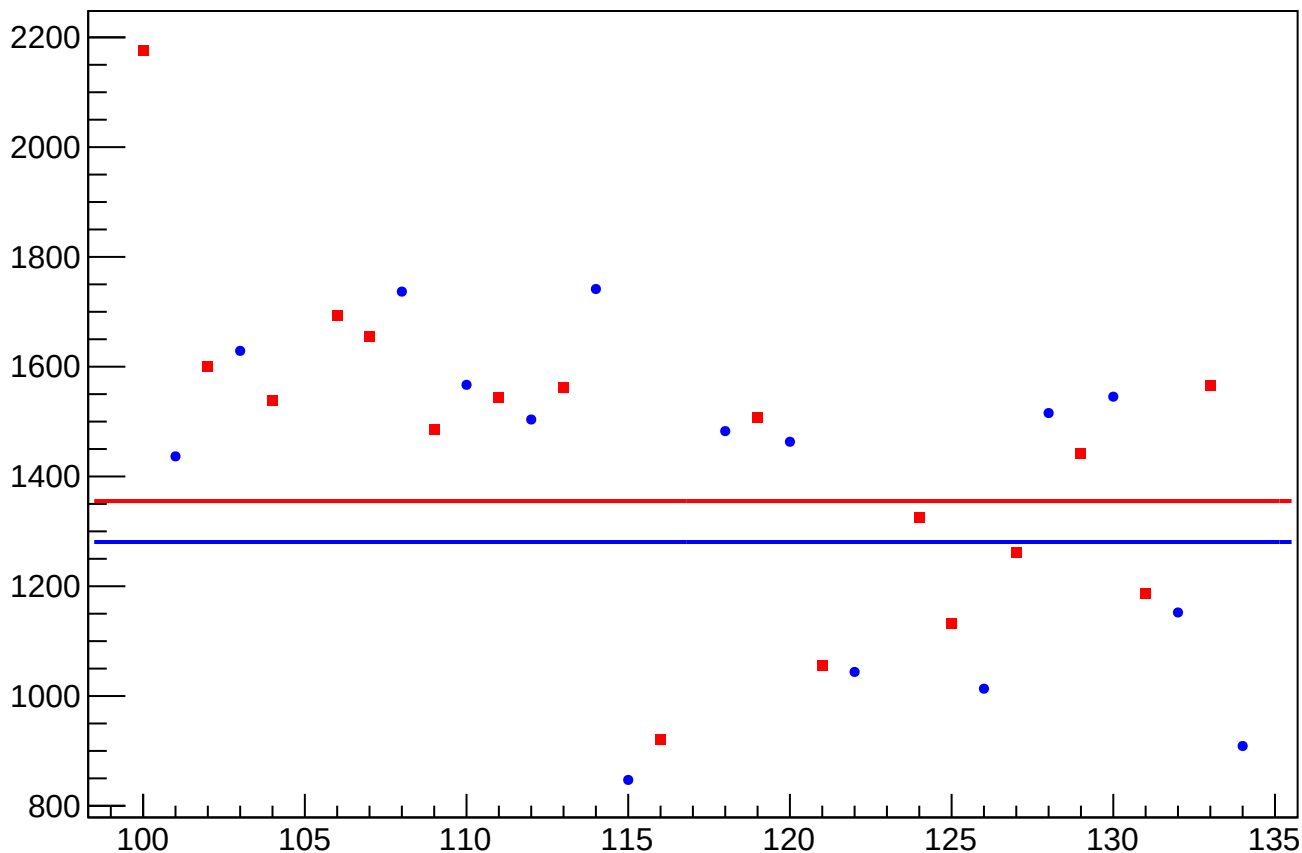
Right: 360.166+/-372.211 χ^2/NDF : 28.5/31

In: -384.251+/-522.694 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.166+/-372.211 χ^2/NDF : 28.5/31

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1280.610+/-0.370 χ^2/NDF : 578736.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.286+/-0.375 χ^2/NDF : 407273.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

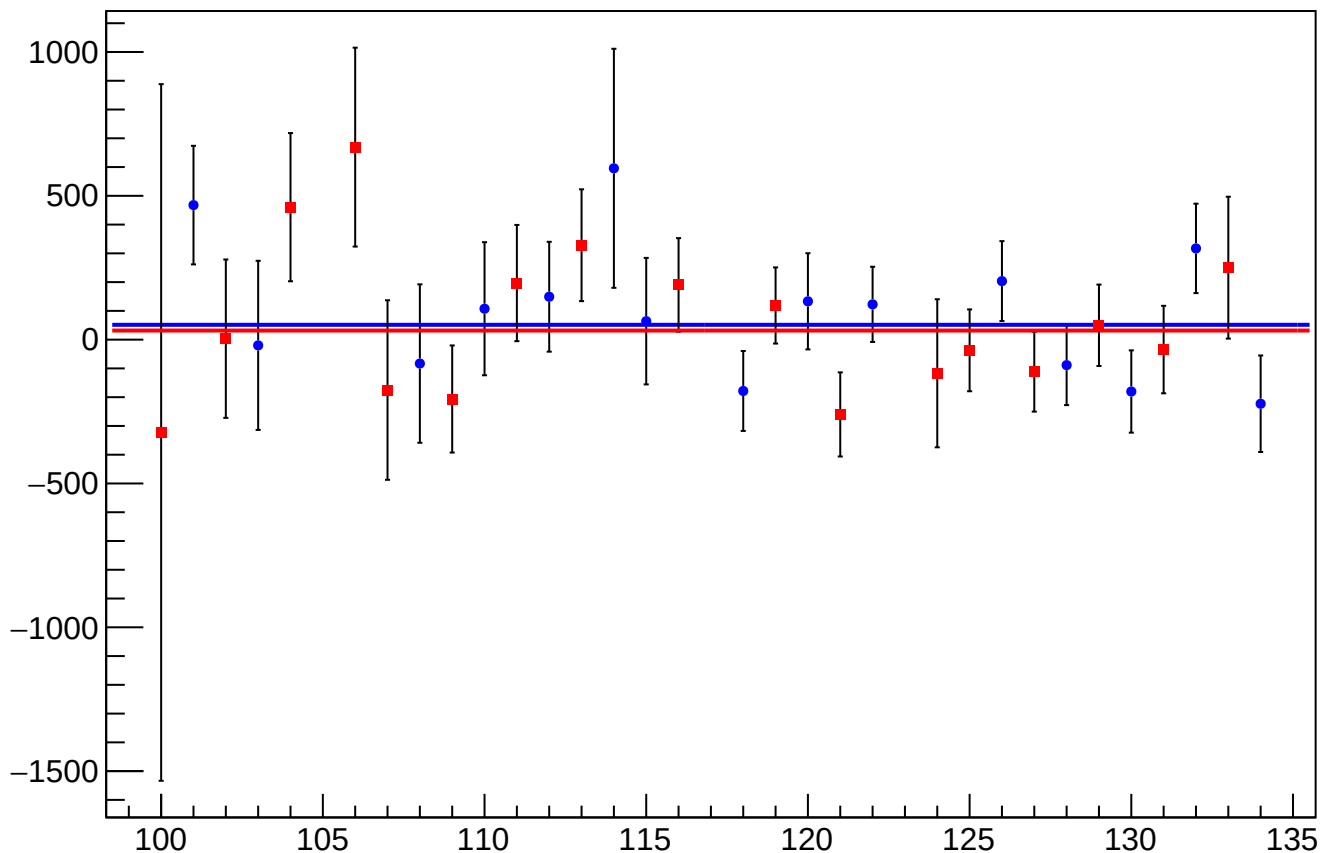
Right: 1317.419+/-0.263 χ^2/NDF : 1006131.9/31

In: 1280.610+/-0.370 χ^2/NDF : 578736.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.419+/-0.263 χ^2/NDF : 1006131.9/31

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 51.593+/-44.883 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.664+/-44.949 χ^2/NDF : 19.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

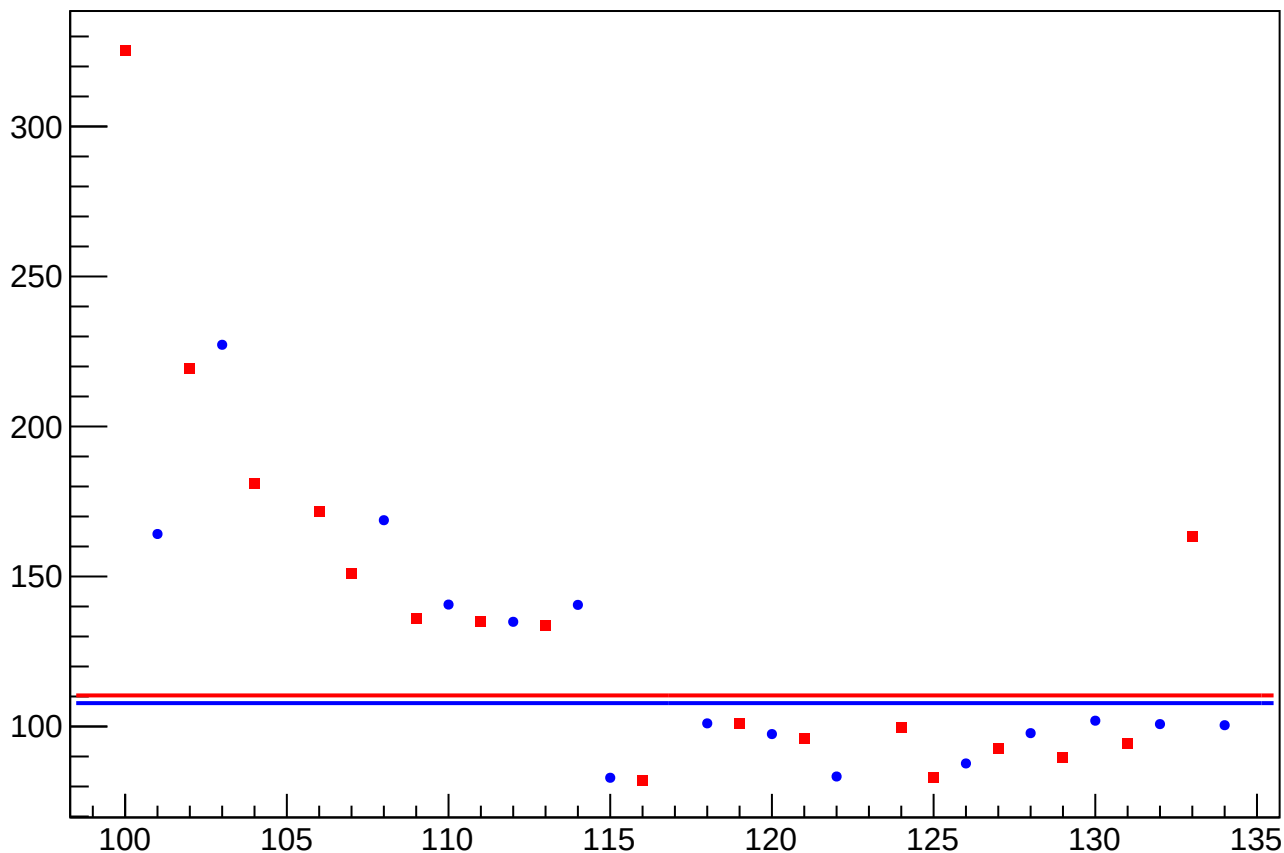
Right: 41.643+/-31.760 χ^2/NDF : 39.5/31

In: 51.593+/-44.883 χ^2/NDF : 20.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.643+/-31.760 χ^2/NDF : 39.5/31

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 107.791+/-0.032 χ^2/NDF : 842359.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.358+/-0.032 χ^2/NDF : 1076273.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

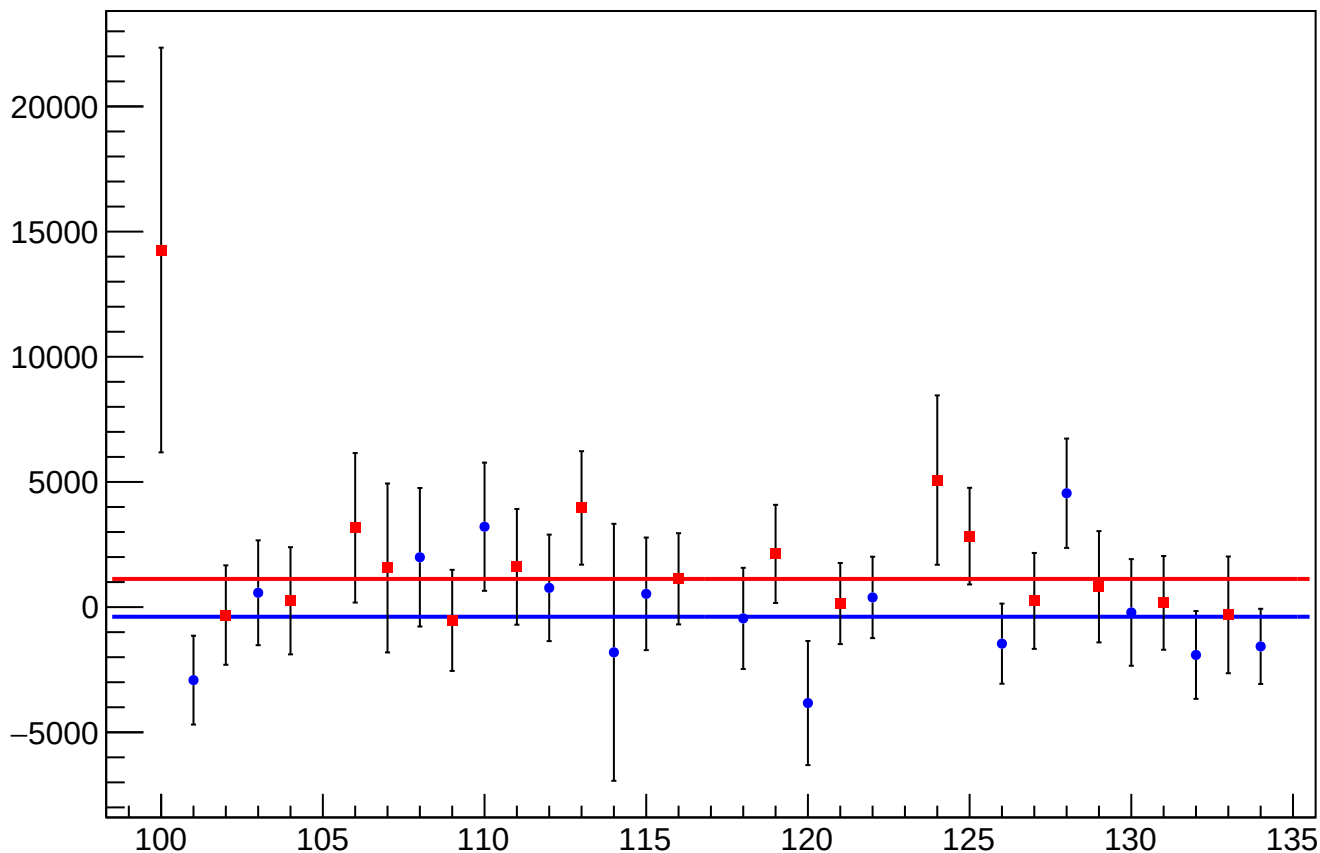
Right: 109.073+/-0.022 χ^2/NDF : 1921900.5/31

In: 107.791+/-0.032 χ^2/NDF : 842359.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.073+/-0.022 χ^2/NDF : 1921900.5/31

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -384.249+/-522.693 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1125.994+/-530.157 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

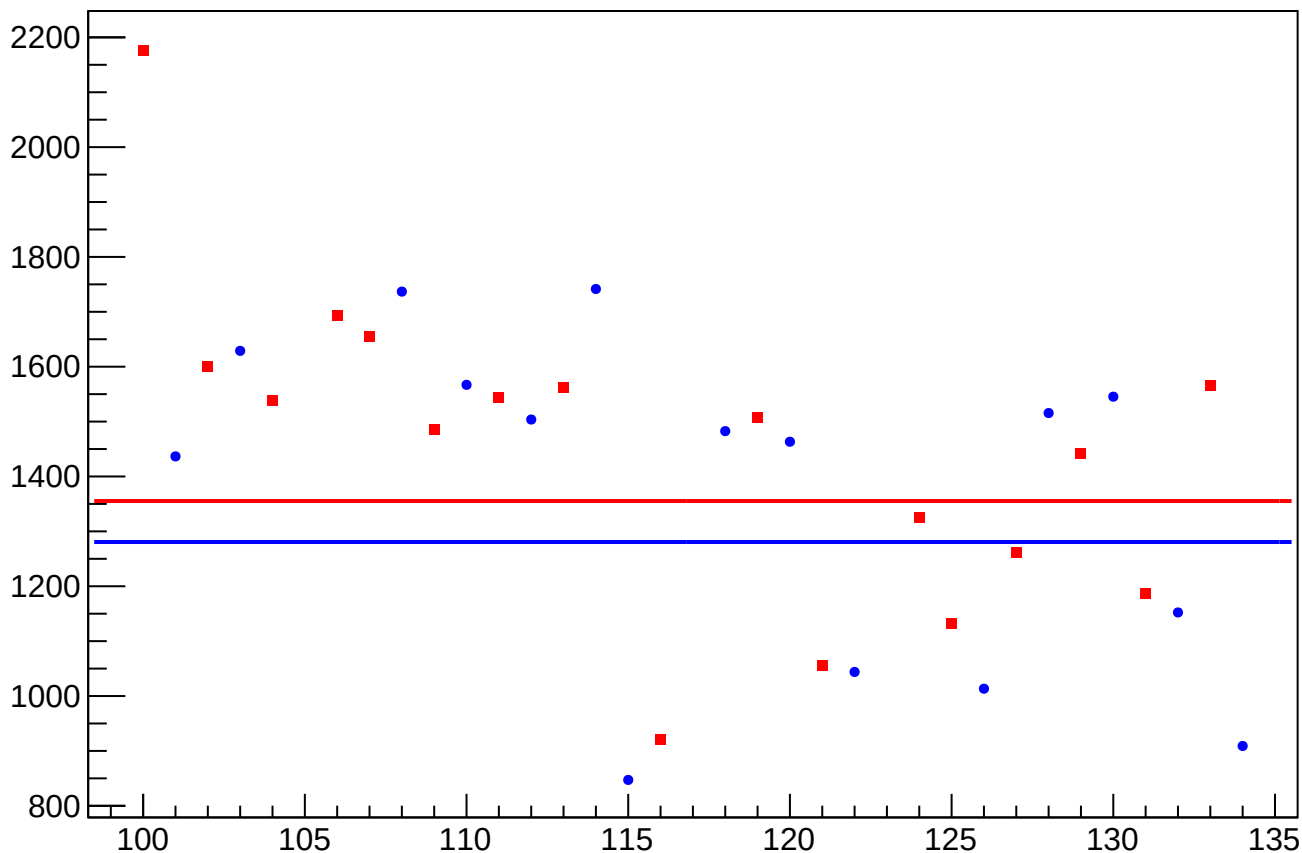
Right: 360.166+/-372.211 χ^2/NDF : 28.5/31

In: -384.249+/-522.693 χ^2/NDF : 14.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.166+/-372.211 χ^2/NDF : 28.5/31

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1280.607+/-0.370 χ^2/NDF : 578729.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.283+/-0.375 χ^2/NDF : 407270.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

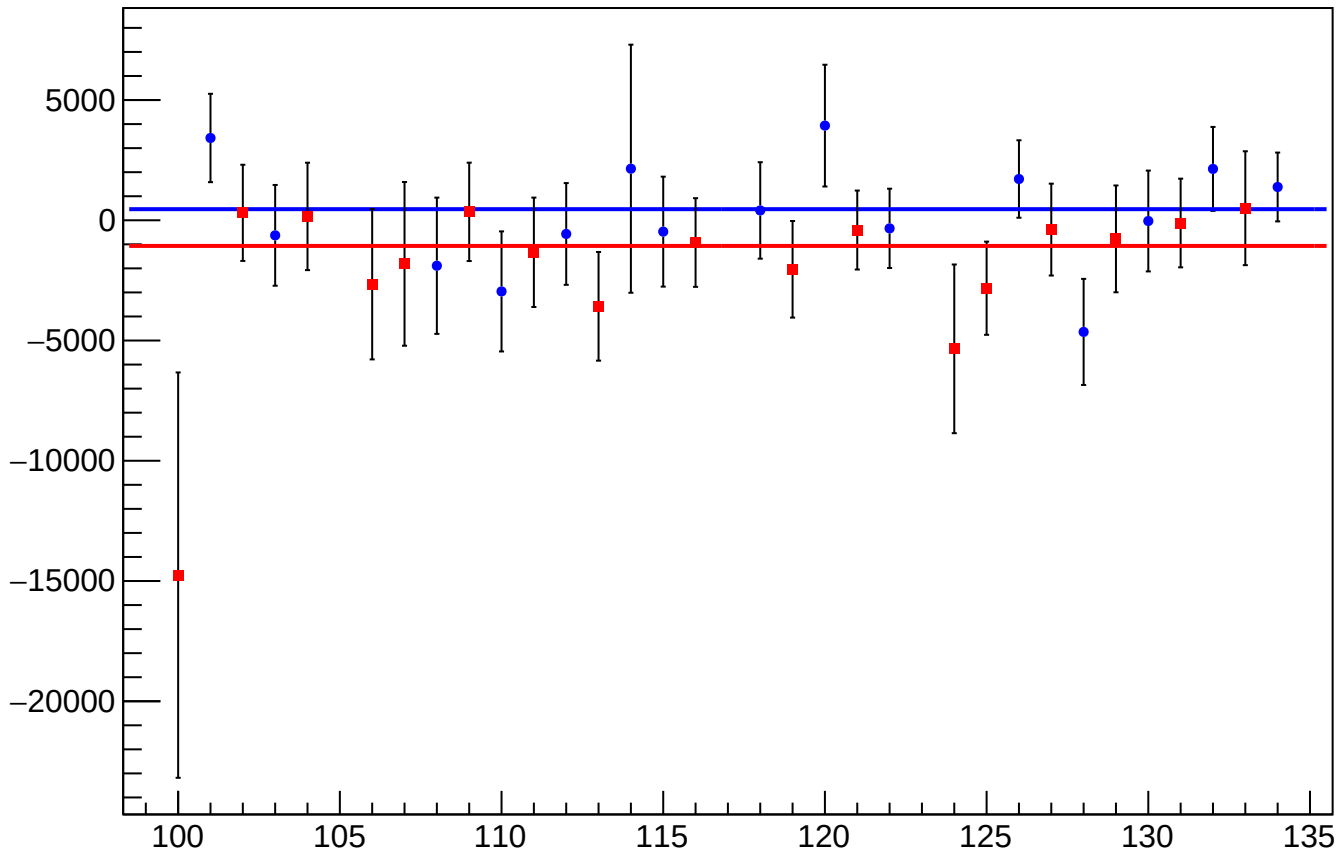
Right: 1317.416+/-0.263 χ^2/NDF : 1006121.3/31

In: 1280.607+/-0.370 χ^2/NDF : 578729.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.416+/-0.263 χ^2/NDF : 1006121.3/31

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 461.836+/-522.057 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1066.142+/-535.147 χ^2/NDF : 9.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

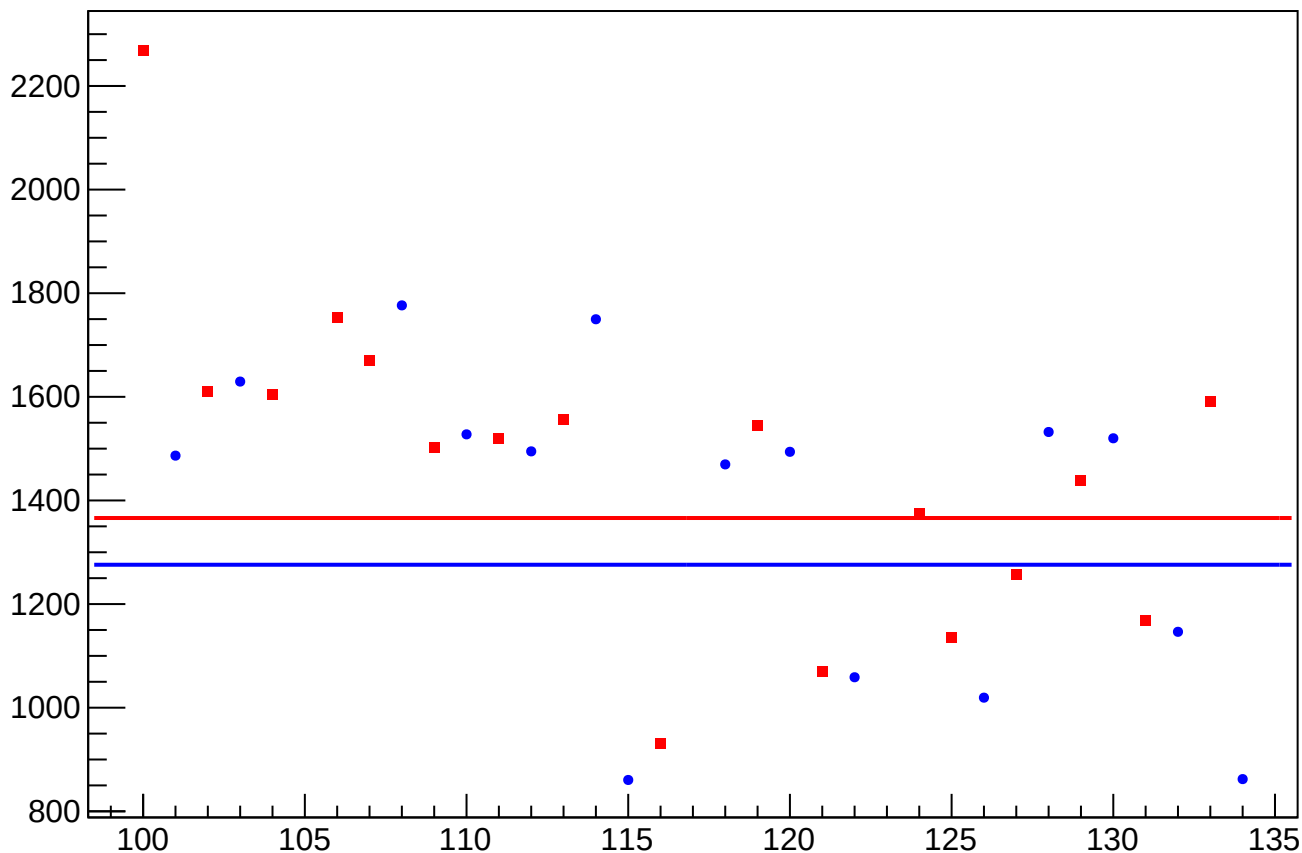
Right: -283.238+/-373.692 χ^2/NDF : 28.6/31

In: 461.836+/-522.057 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -283.238+/-373.692 χ^2/NDF : 28.6/31

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1275.910+/-0.369 χ^2/NDF : 621590.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.117+/-0.378 χ^2/NDF : 424356.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

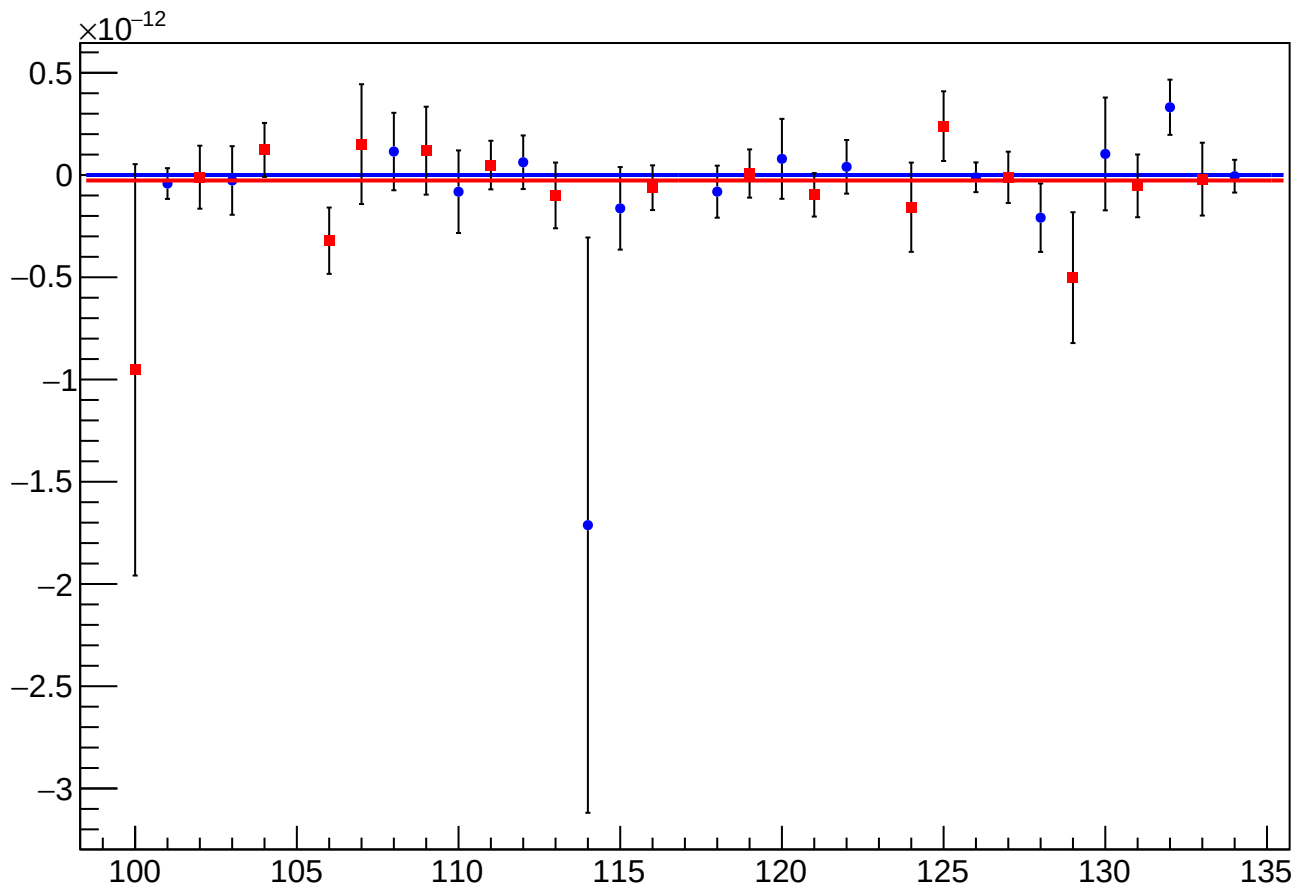
Right: 1319.897+/-0.264 χ^2/NDF : 1075065.3/31

In: 1275.910+/-0.369 χ^2/NDF : 621590.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.897+/-0.264 χ^2/NDF : 1075065.3/31

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

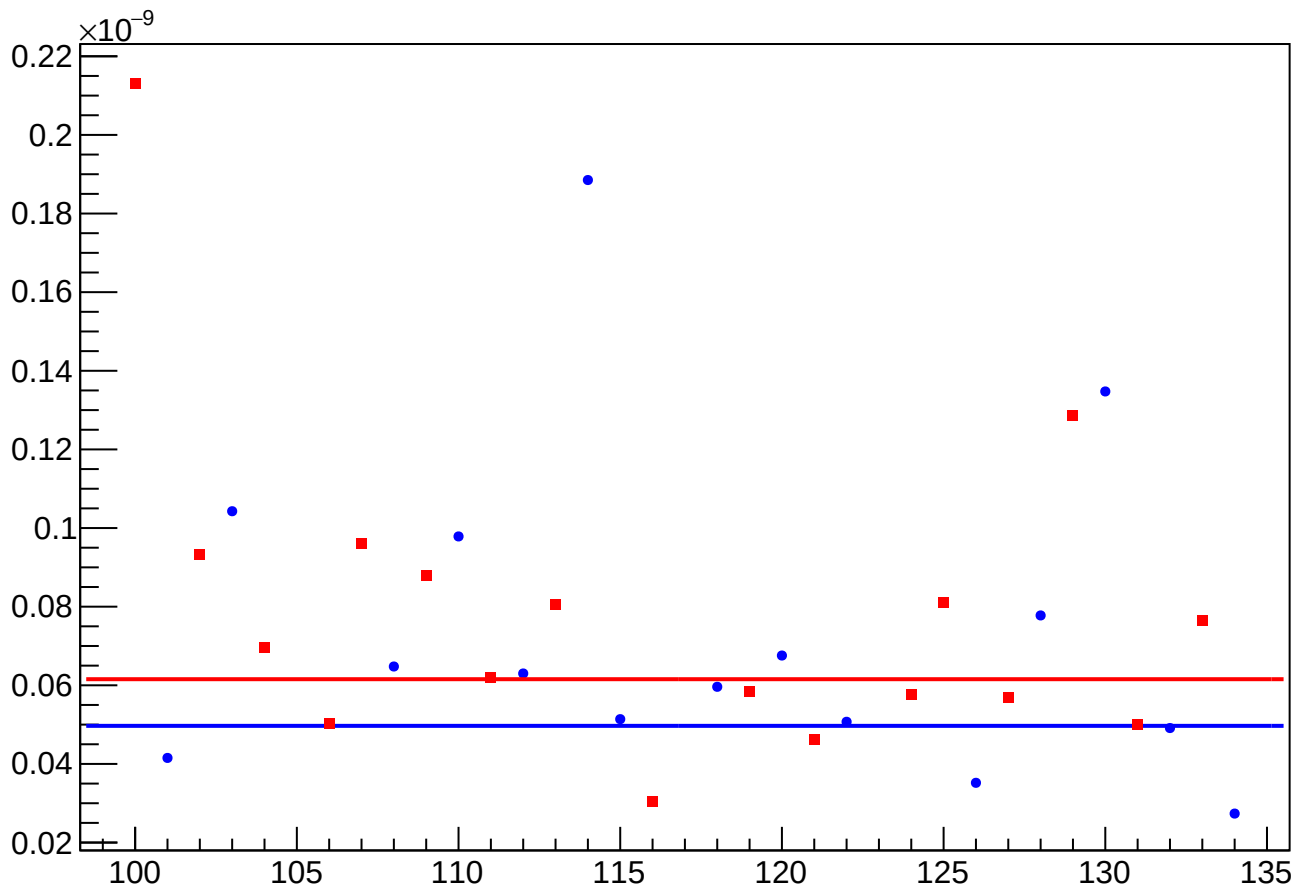
Right: -0.000+/-0.000 χ^2/NDF : 24.5/31

In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.5/31

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 912005.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 580573.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

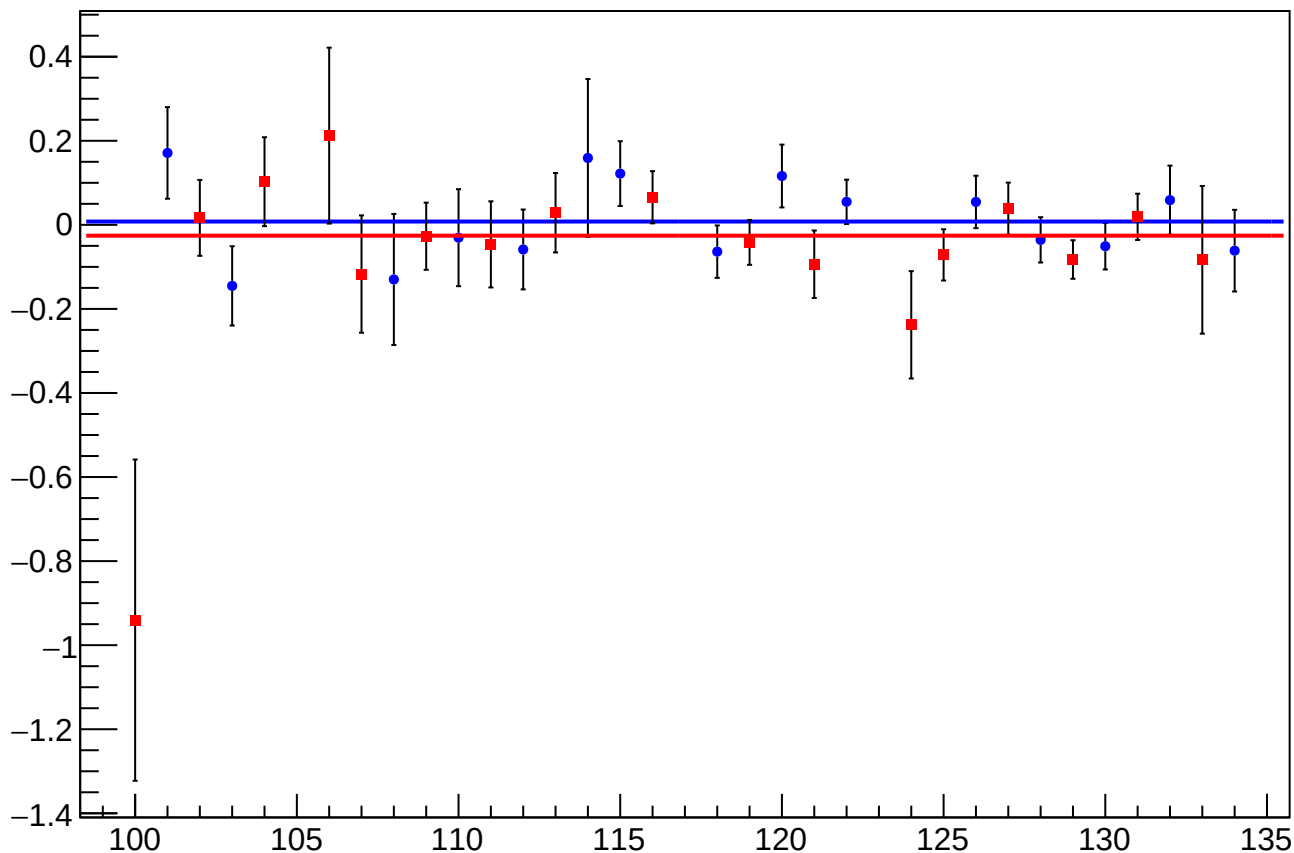
Right: 0.000+/-0.000 χ^2/NDF : 1608326.7/31

In: 0.000+/-0.000 χ^2/NDF : 912005.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1608326.7/31

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

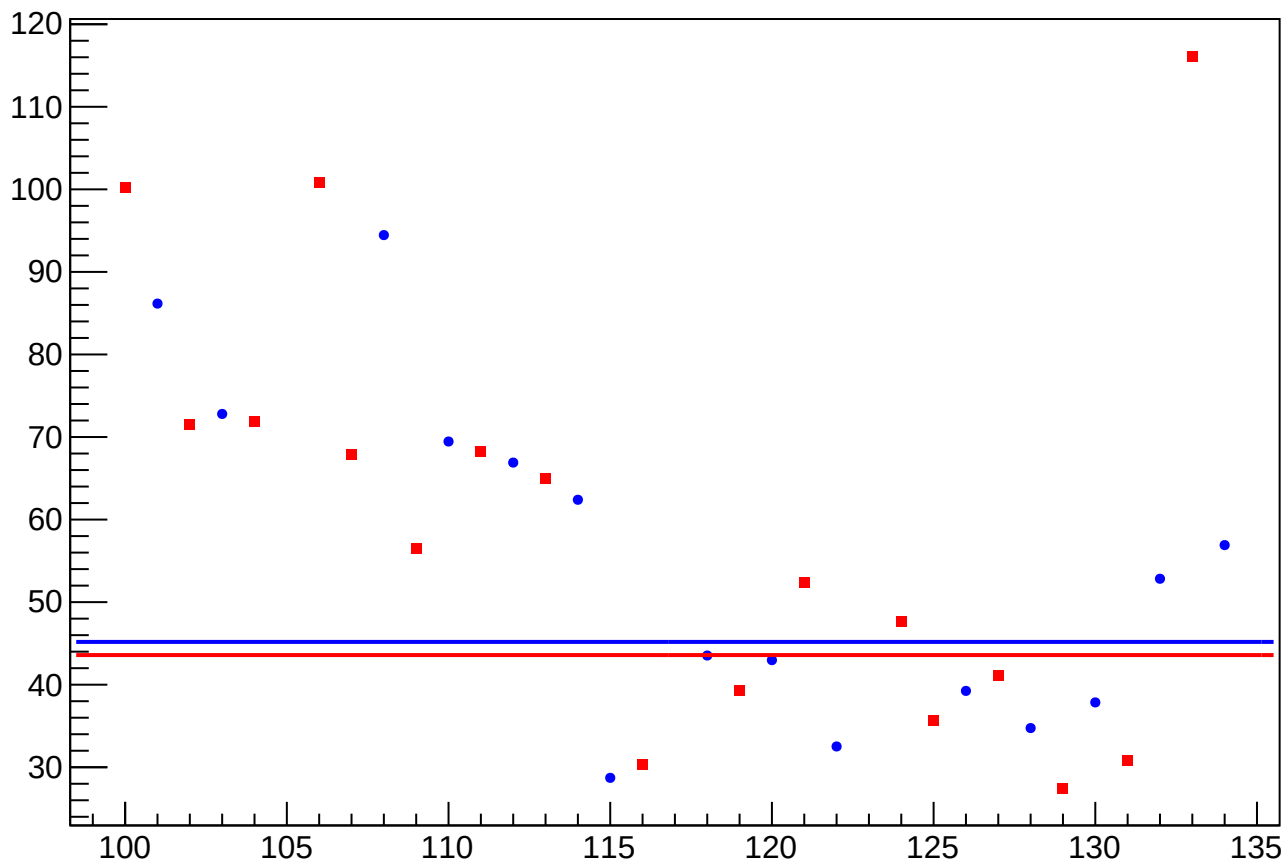
Right: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

In: 0.008 $\pm$ 0.020 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.182+/-0.014 χ^2/NDF : 1249153.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.588+/-0.013 χ^2/NDF : 1721589.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

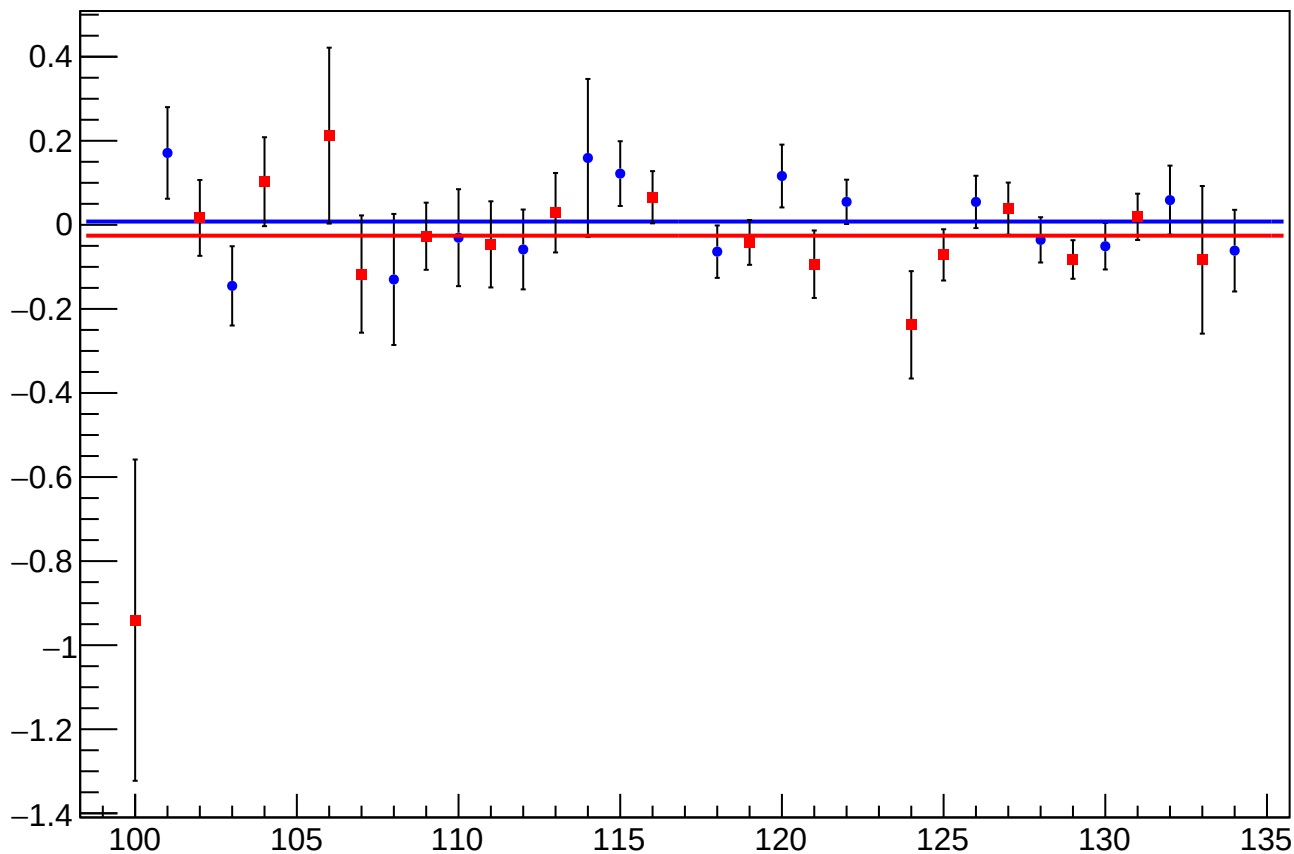
Right: 44.348+/-0.010 χ^2/NDF : 2977656.9/31

In: 45.182+/-0.014 χ^2/NDF : 1249153.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.348+/-0.010 χ^2/NDF : 2977656.9/31

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

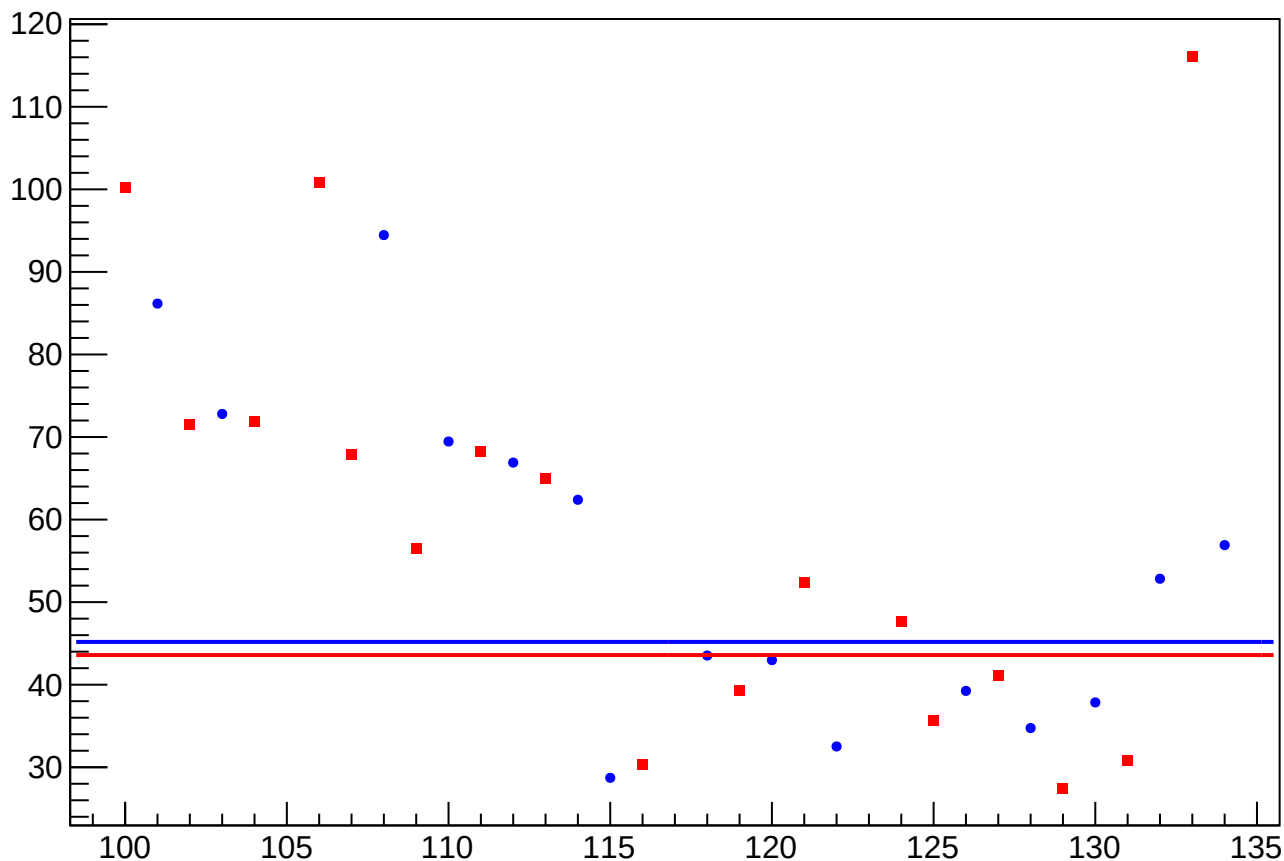
Right: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

In: 0.008 $\pm$ 0.020 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.182+/-0.014 χ^2/NDF : 1249153.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.588+/-0.013 χ^2/NDF : 1721589.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

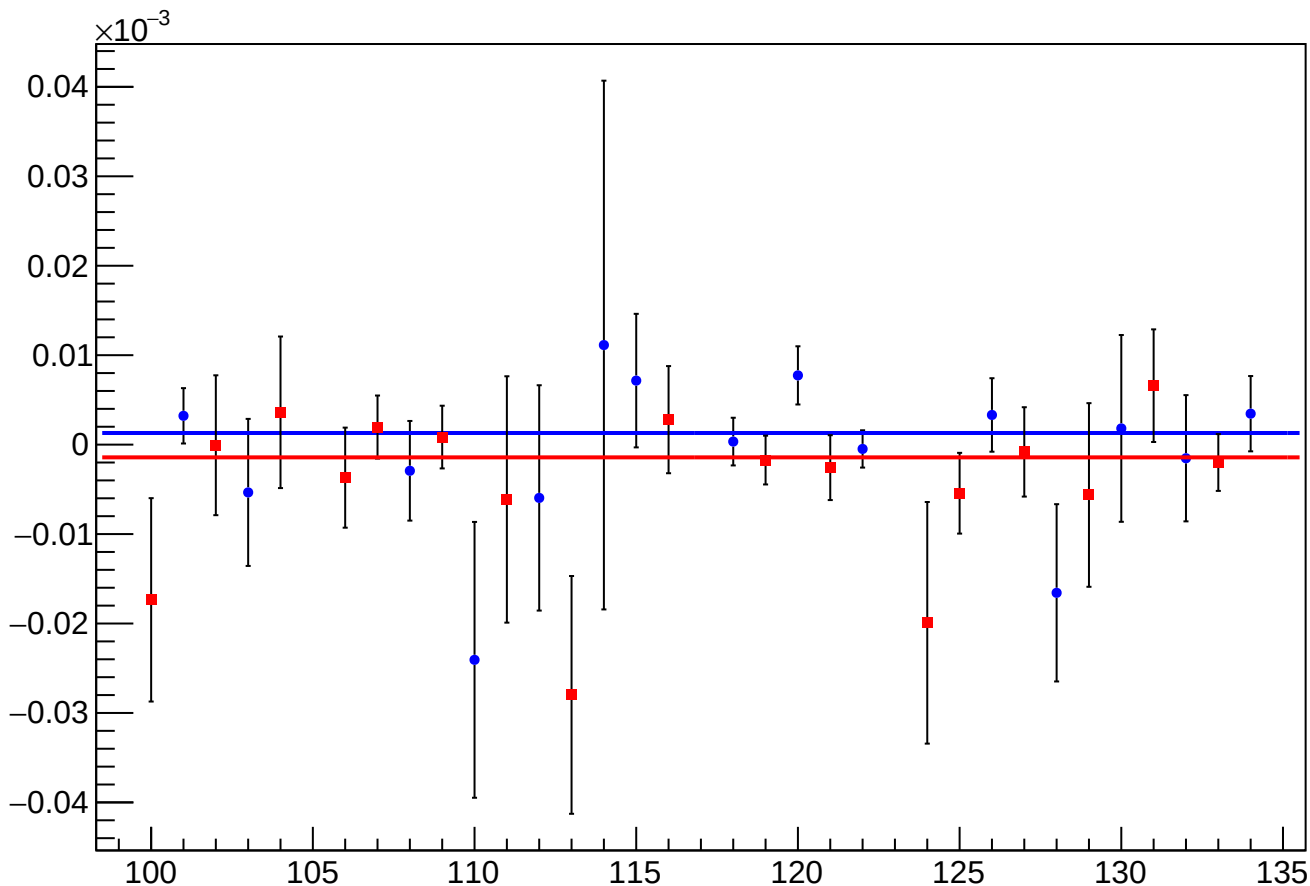
Right: 44.348+/-0.010 χ^2/NDF : 2977656.9/31

In: 45.182+/-0.014 χ^2/NDF : 1249153.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.348+/-0.010 χ^2/NDF : 2977656.9/31

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

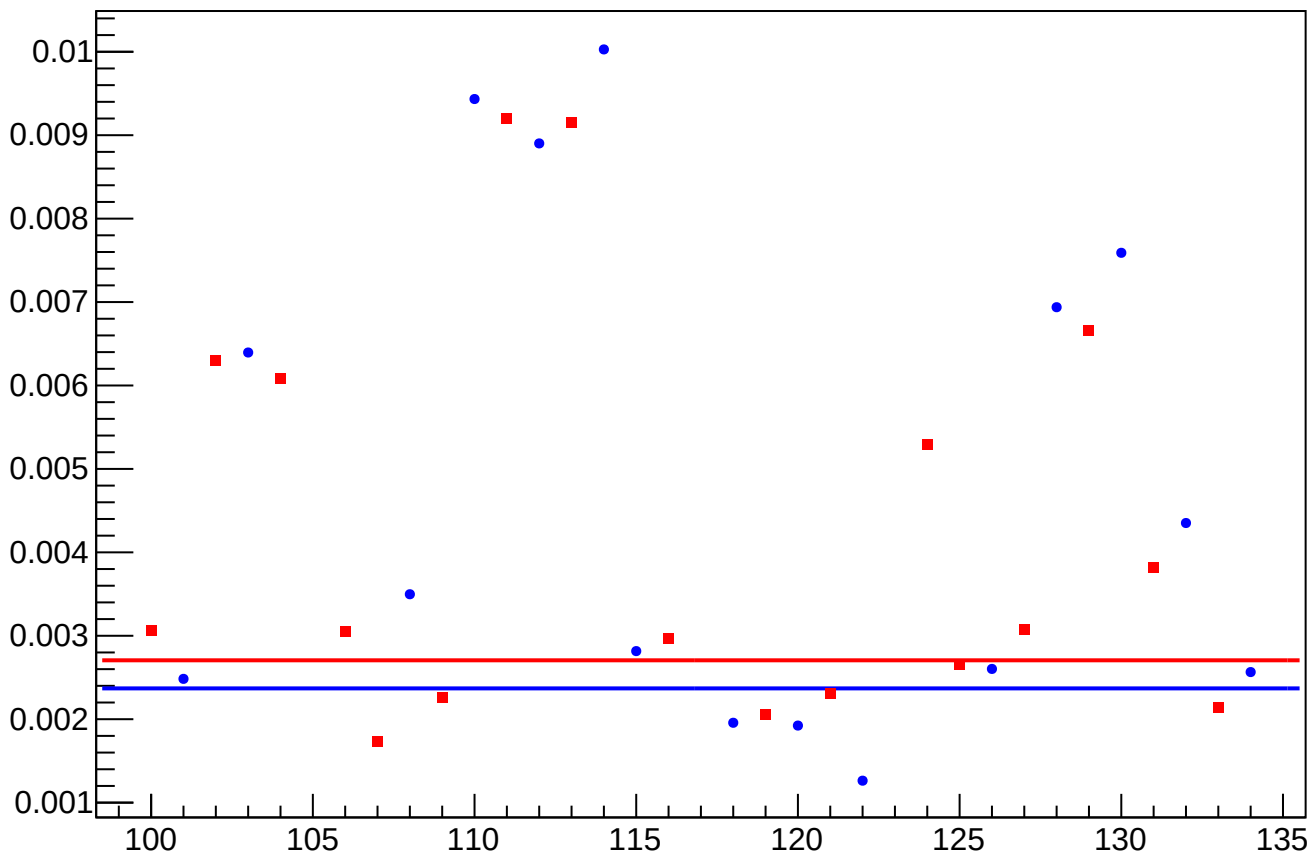
Right: 0.000+/-0.000 χ^2/NDF : 29.9/31

In: 0.000+/-0.000 χ^2/NDF : 14.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.9/31

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3405700.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2499100.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

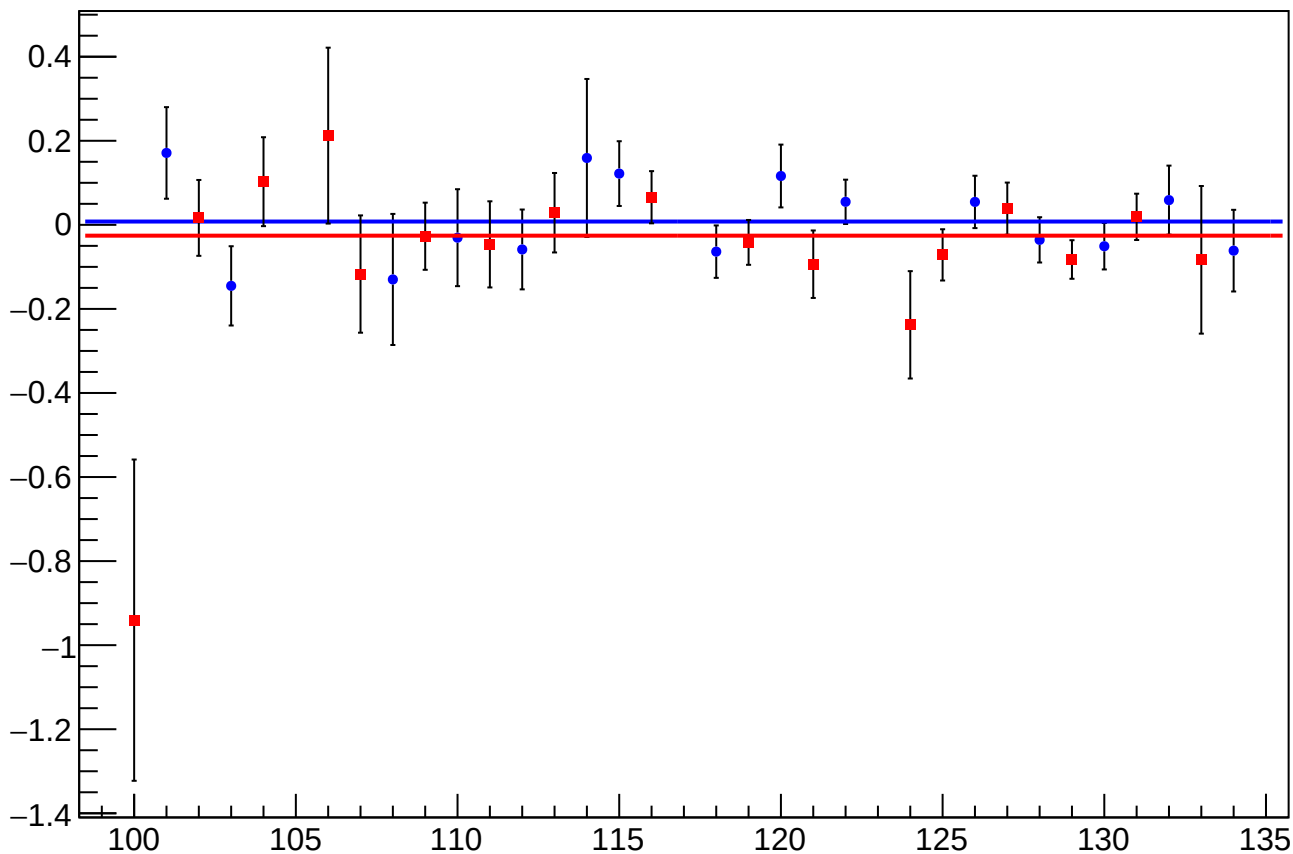
Right: 0.003+/-0.000 χ^2/NDF : 5990104.3/31

In: 0.002+/-0.000 χ^2/NDF :3405700.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5990104.3/31

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

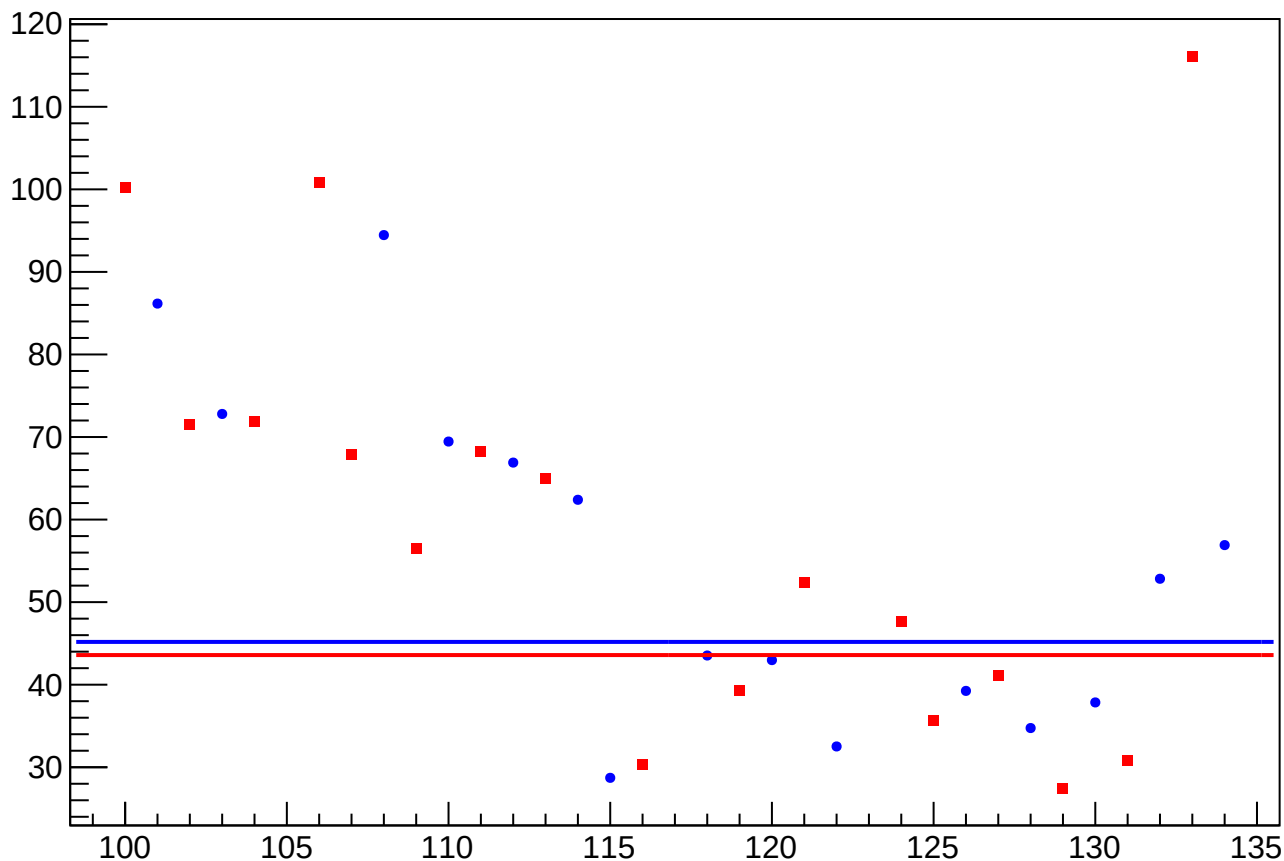
Right: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

In: 0.008 $\pm$ 0.020 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.182+/-0.014 χ^2/NDF : 1249109.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.588+/-0.013 χ^2/NDF : 1721515.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

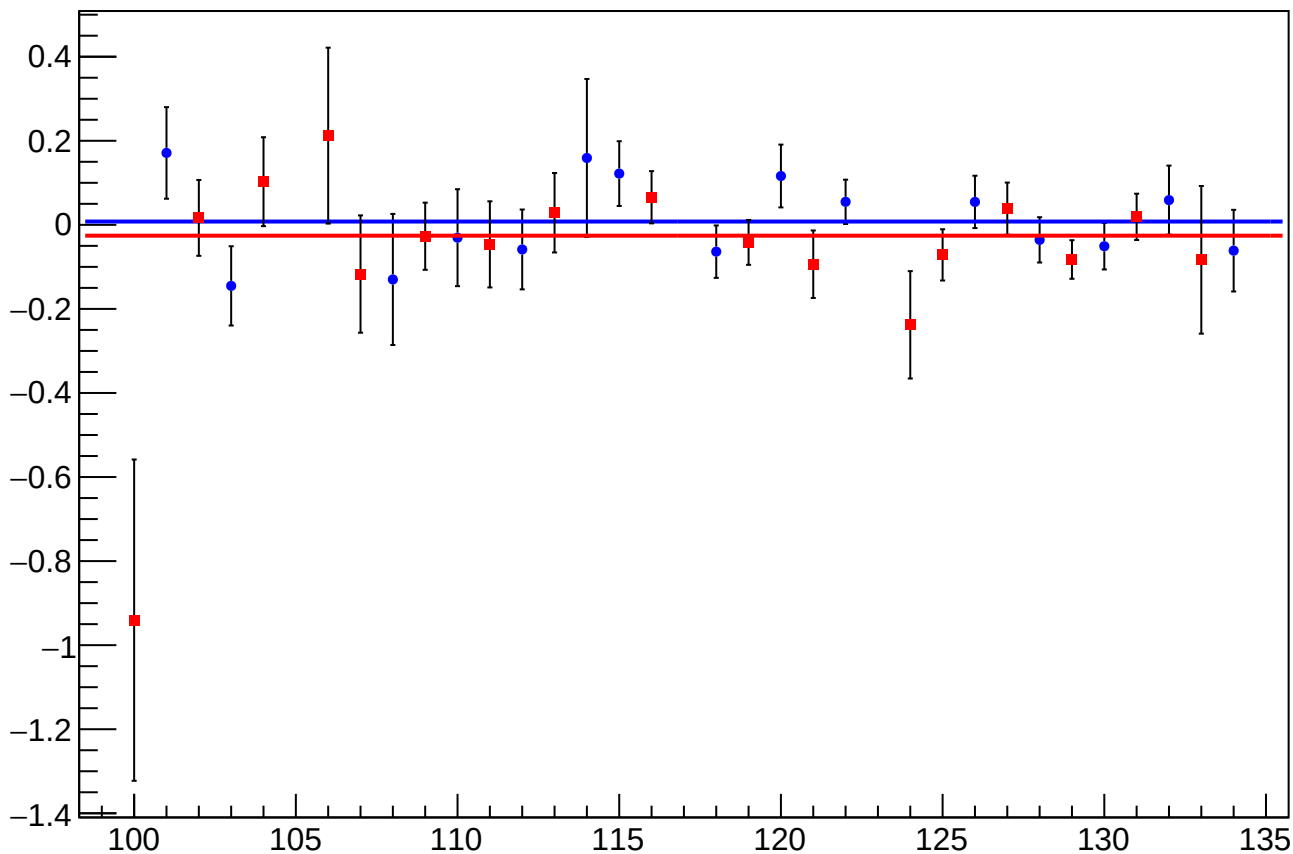
Right: 44.349+/-0.010 χ^2/NDF : 2977535.5/31

In: 45.182+/-0.014 χ^2/NDF : 1249109.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.349+/-0.010 χ^2/NDF : 2977535.5/31

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

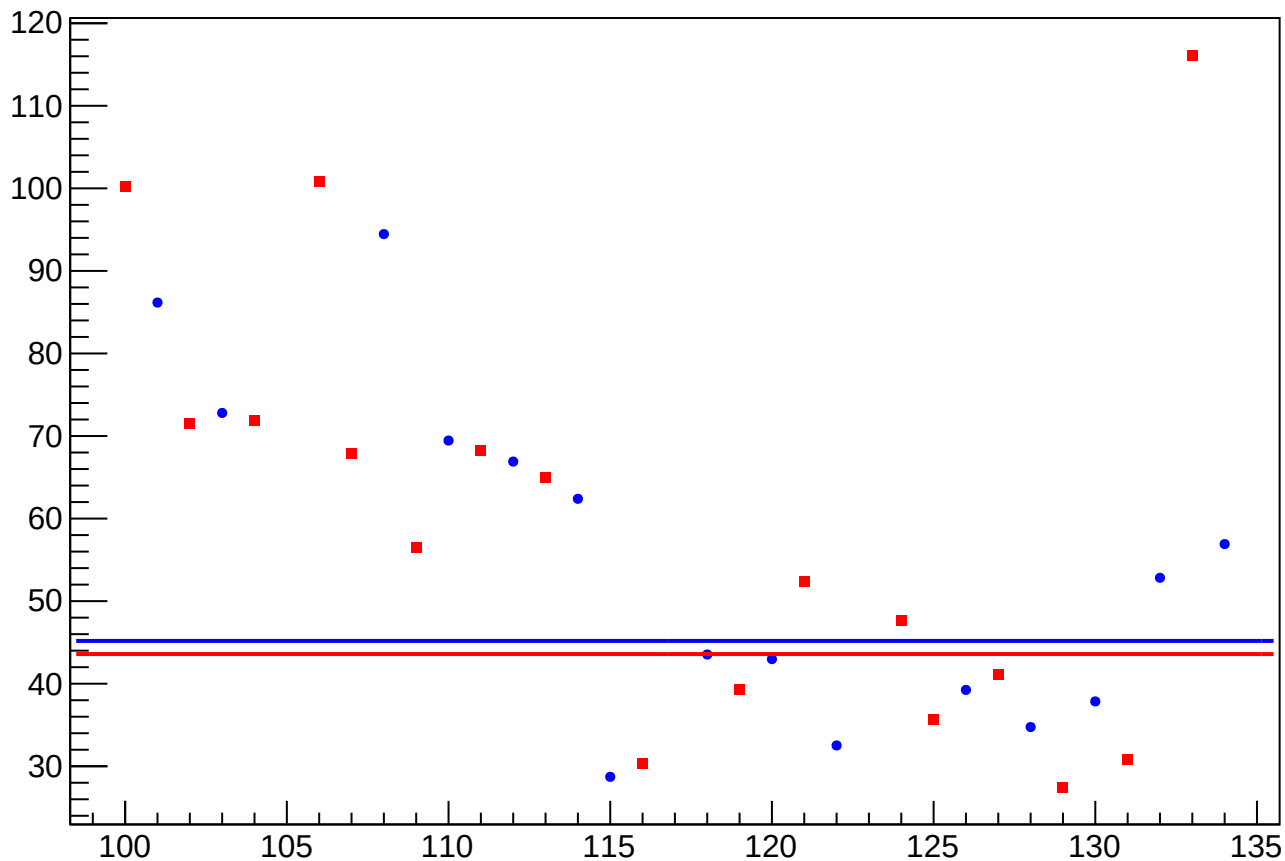
Right: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

In: 0.008 $\pm$ 0.020 χ^2 /NDF:16.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.014 χ^2 /NDF: 37.3/31

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.182+/-0.014 χ^2/NDF : 1249109.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.588+/-0.013 χ^2/NDF : 1721515.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

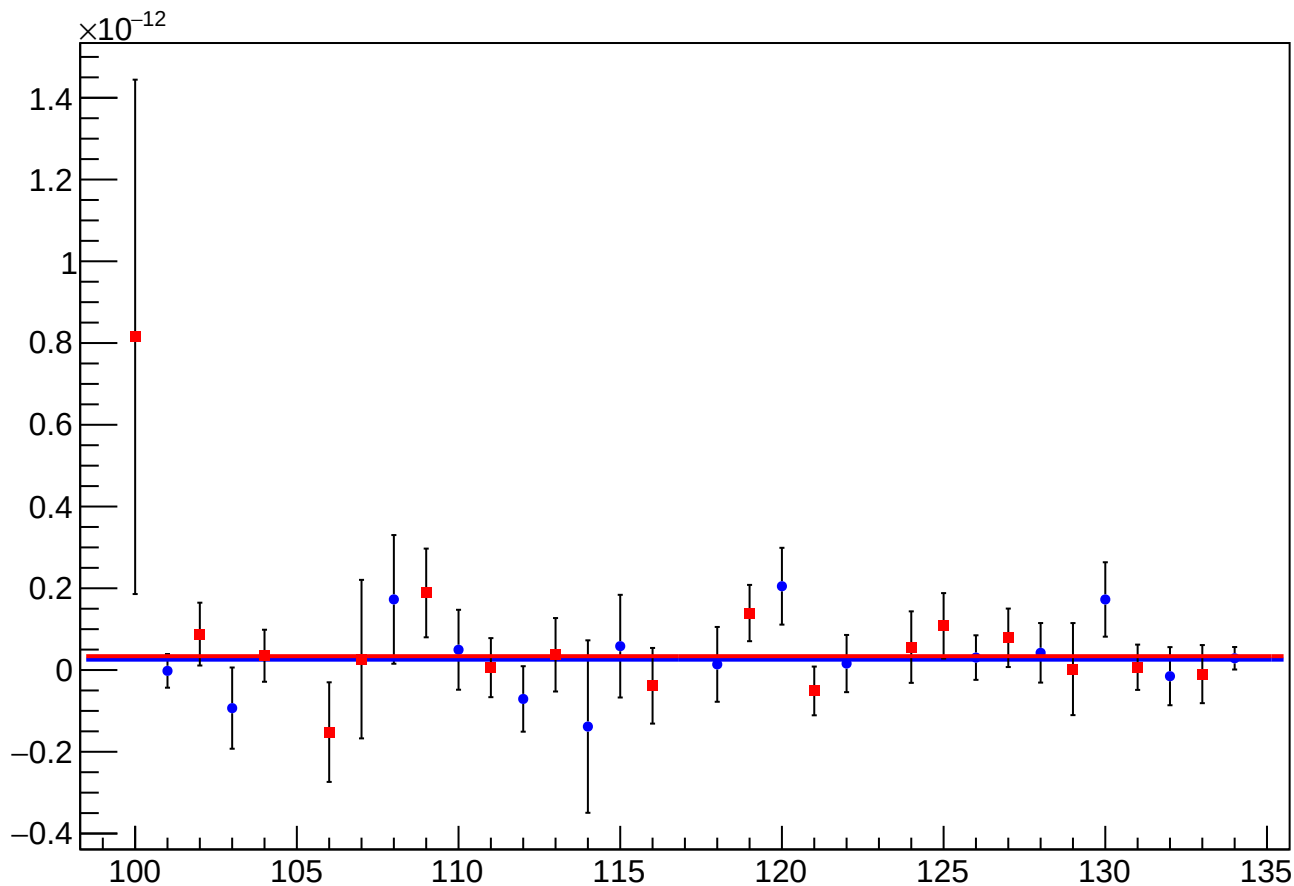
Right: 44.349+/-0.010 χ^2/NDF : 2977535.5/31

In: 45.182+/-0.014 χ^2/NDF : 1249109.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.349+/-0.010 χ^2/NDF : 2977535.5/31

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

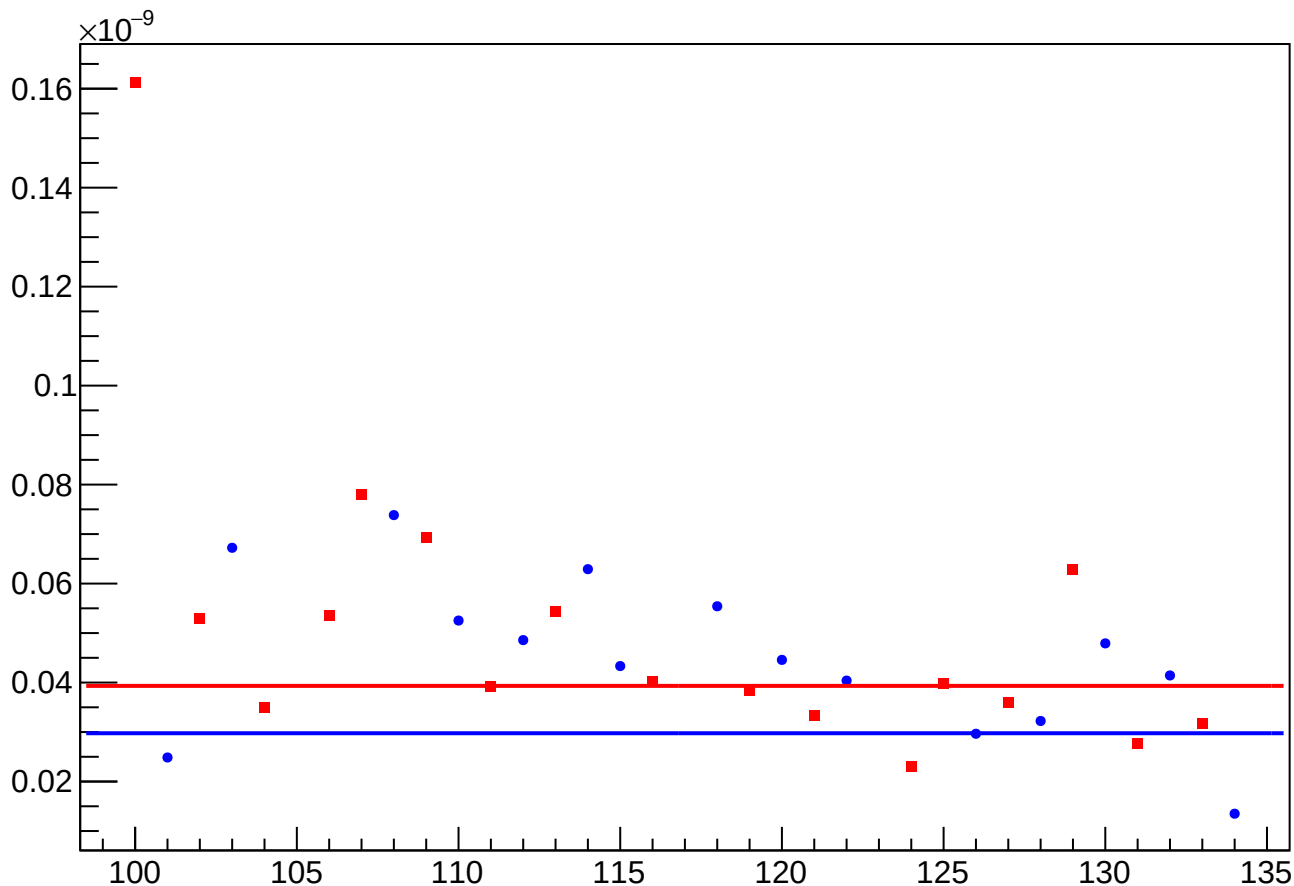
Right: 0.000+/-0.000 χ^2/NDF : 25.3/31

In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.3/31

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1847380.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 753937.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

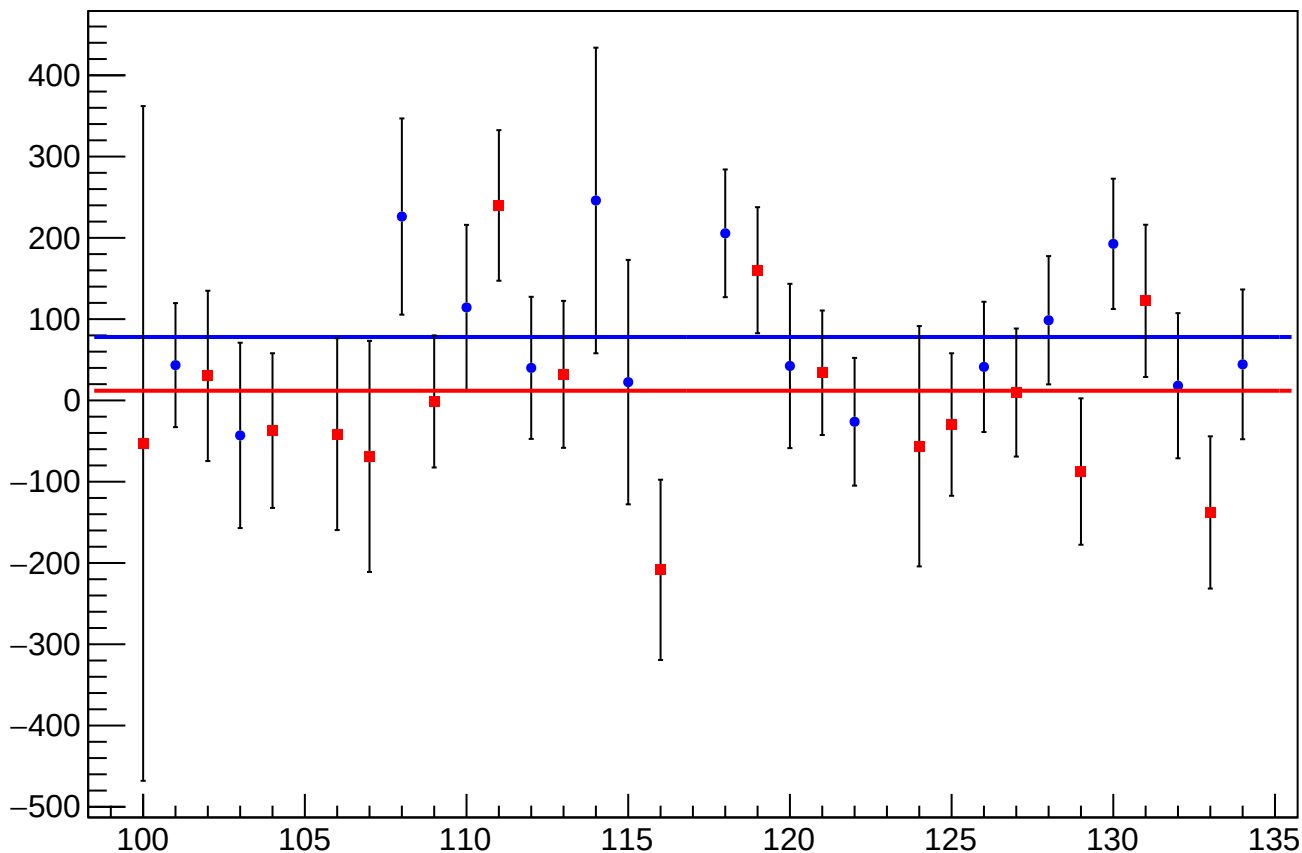
Right: 0.000+/-0.000 χ^2/NDF : 2880667.7/31

In: 0.000+/-0.000 χ^2/NDF : 1847380.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2880667.7/31

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 78.012 $\pm$ 23.875 χ^2/NDF : 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 11.896 $\pm$ 23.404 χ^2/NDF : 20.3/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

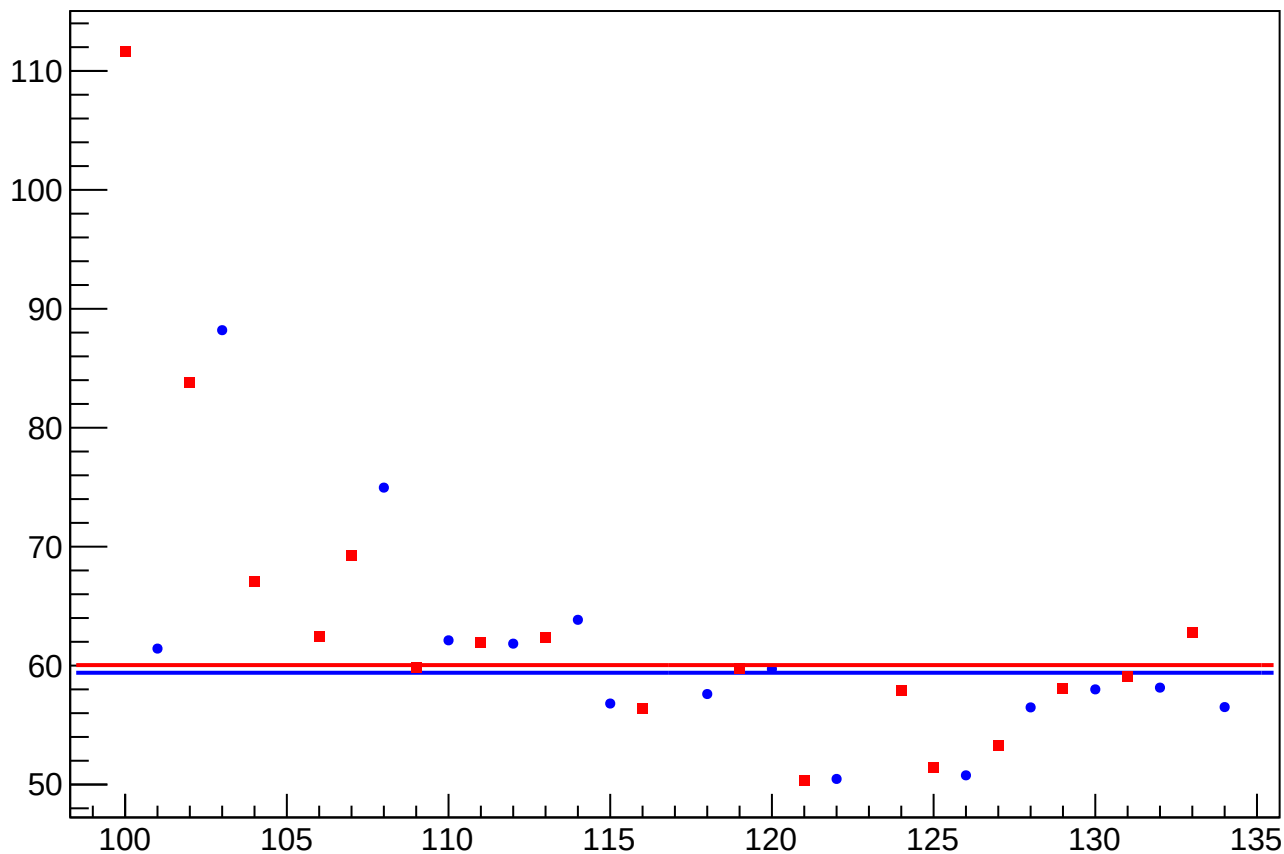
Right: 44.295 $\pm$ 16.713 χ^2/NDF : 35.7/31

In: 78.012 $\pm$ 23.875 χ^2/NDF : 11.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 44.295 $\pm$ 16.713 χ^2/NDF : 35.7/31

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.398+/-0.017 χ^2/NDF : 222731.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.042+/-0.017 χ^2/NDF : 227593.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

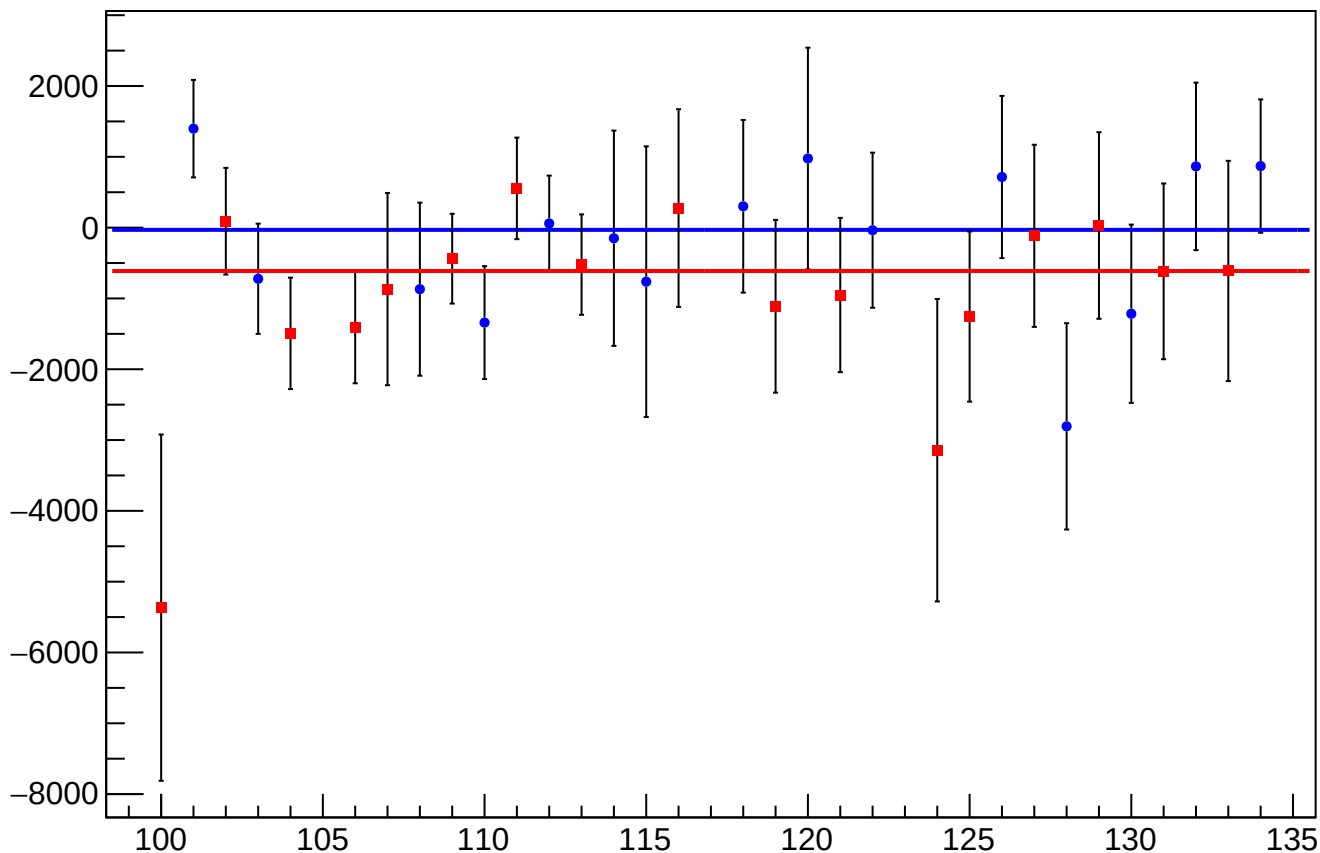
Right: 59.726+/-0.012 χ^2/NDF : 451067.6/31

In: 59.398+/-0.017 χ^2/NDF : 222731.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.726+/-0.012 χ^2/NDF : 451067.6/31

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -31.474+/-262.414 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -612.632+/-240.505 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

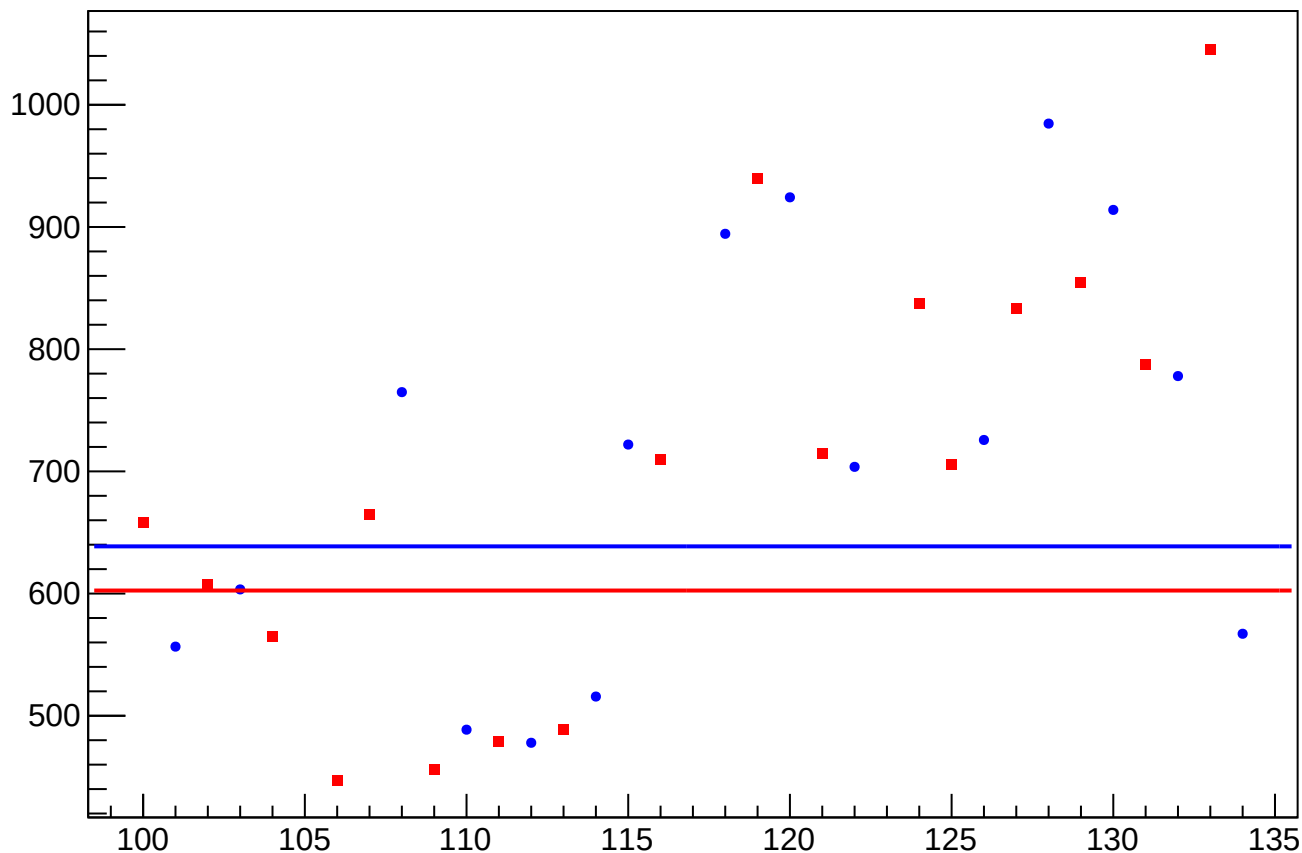
Right: -347.322+/-177.303 χ^2/NDF : 30.5/31

In: -31.474+/-262.414 χ^2/NDF : 15.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -347.322+/-177.303 χ^2/NDF : 30.5/31

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 638.633+/-0.186 χ^2/NDF : 675677.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.488+/-0.170 χ^2/NDF : 873381.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

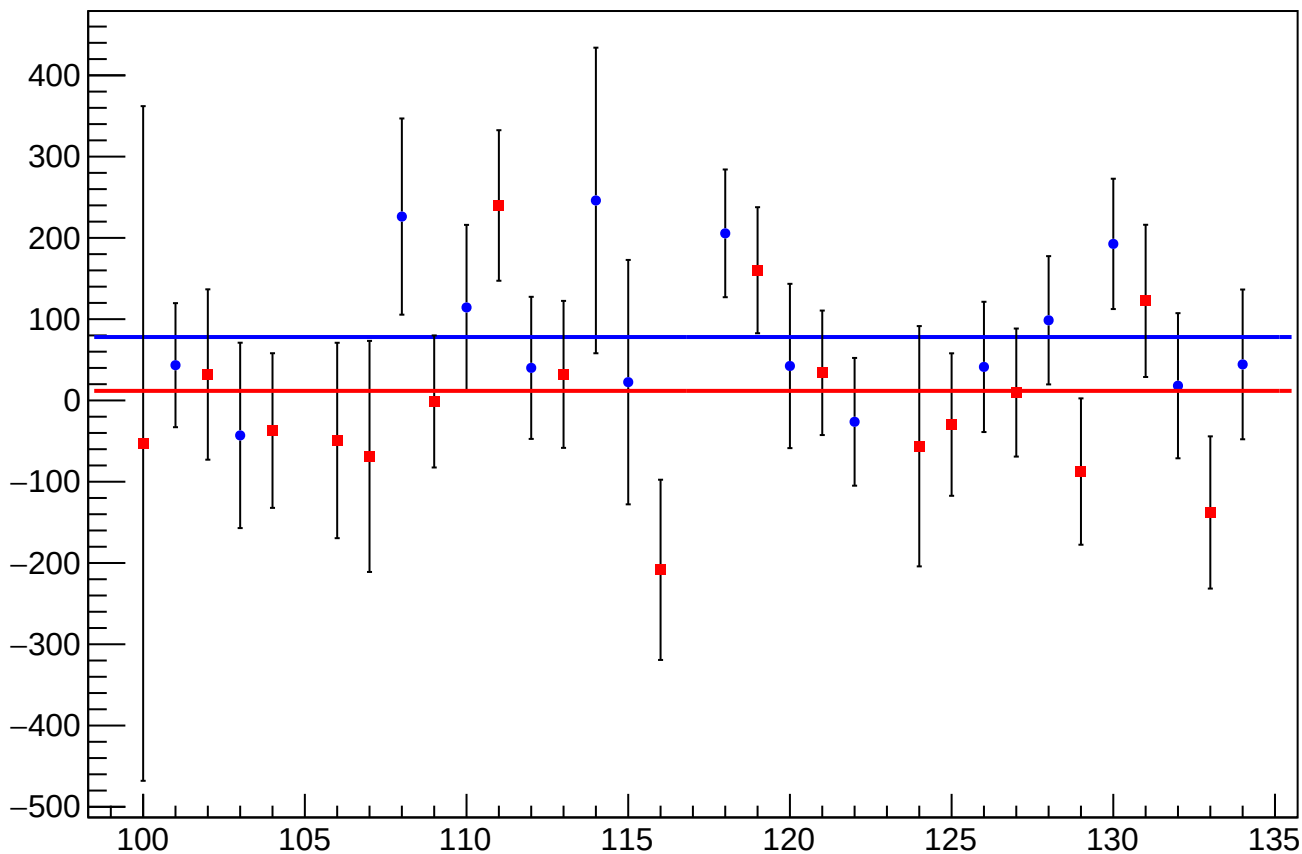
Right: 618.989+/-0.125 χ^2/NDF : 1569680.9/31

In: 638.633+/-0.186 χ^2/NDF : 675677.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.989+/-0.125 χ^2/NDF : 1569680.9/31

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 78.019 $\pm$ 23.875 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.770 $\pm$ 23.421 χ^2 /NDF: 20.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

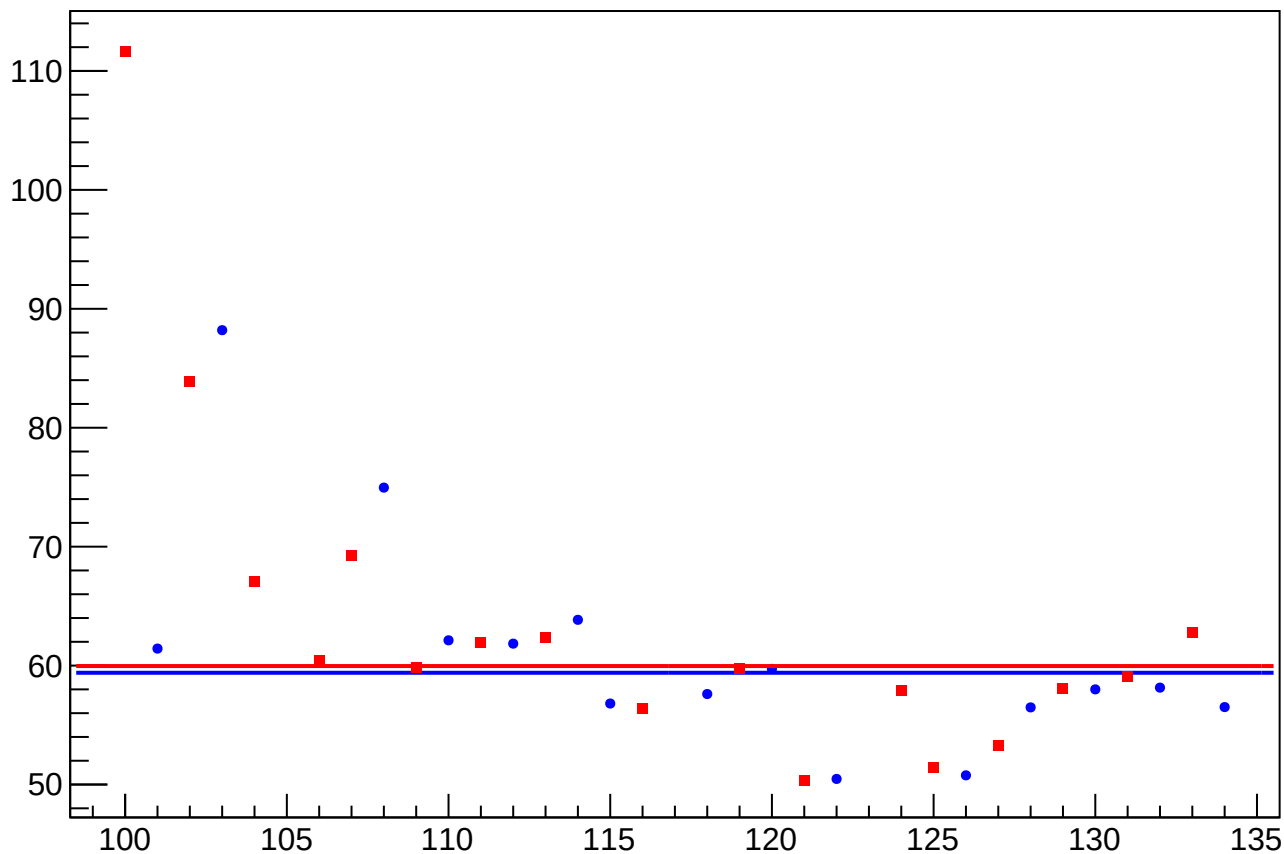
Right: 44.259 $\pm$ 16.719 χ^2 /NDF: 35.8/31

In: 78.019 $\pm$ 23.875 χ^2 /NDF:11.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.259 $\pm$ 16.719 χ^2 /NDF: 35.8/31

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.398+/-0.017 χ^2/NDF : 222734.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.962+/-0.017 χ^2/NDF : 226975.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

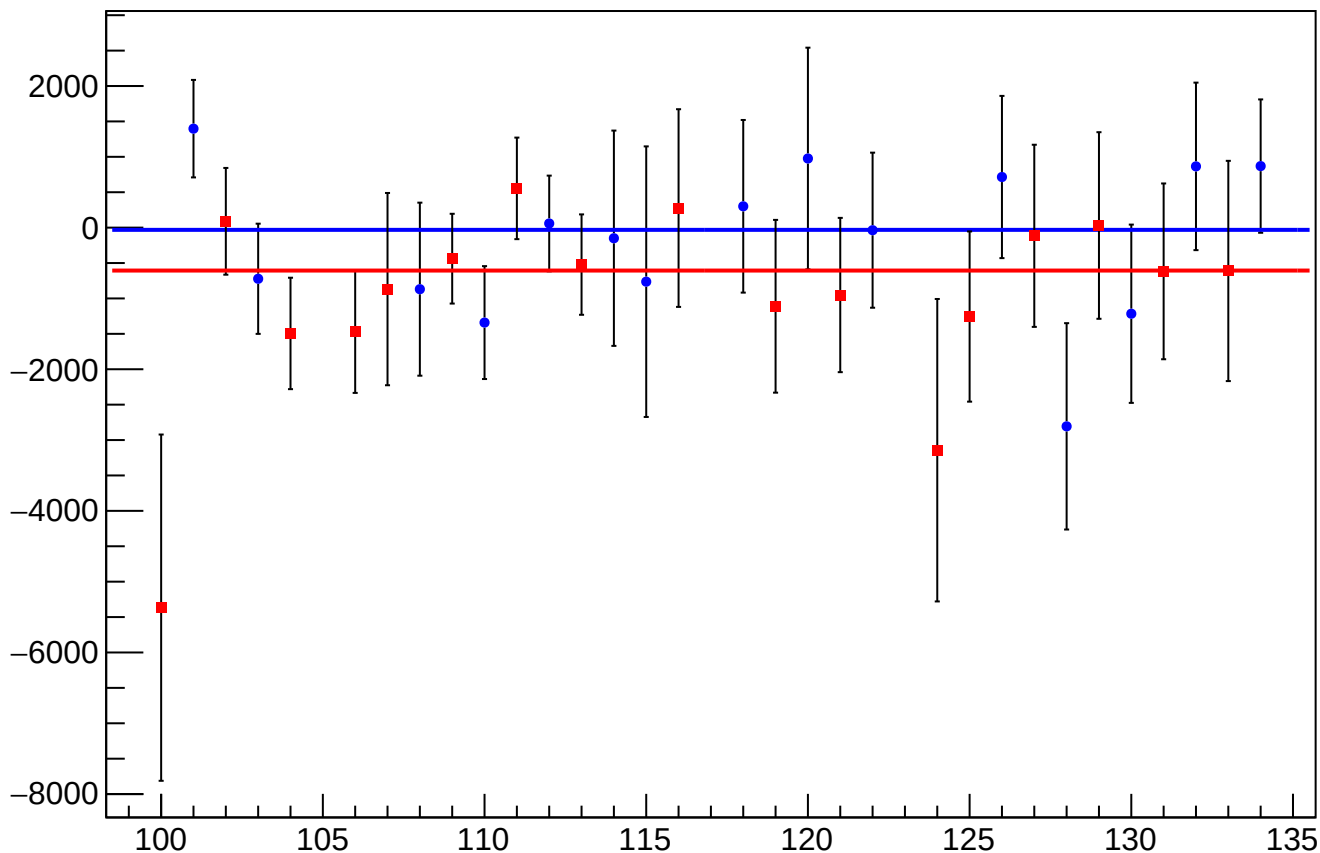
Right: 59.685+/-0.012 χ^2/NDF : 450279.5/31

In: 59.398+/-0.017 χ^2/NDF : 222734.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.685+/-0.012 χ^2/NDF : 450279.5/31

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -31.432 ± 262.416 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -606.185 ± 242.299 χ^2/NDF : 12.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

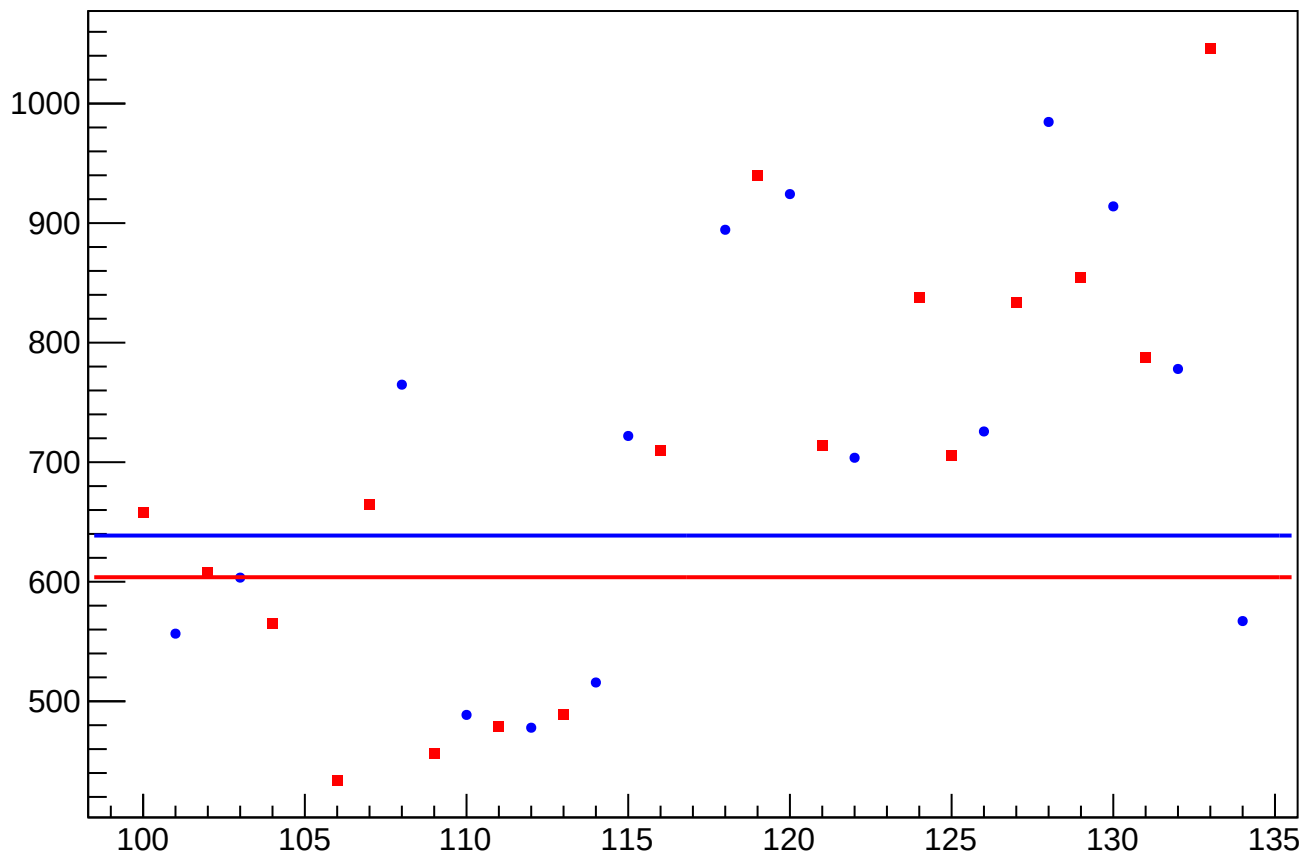
Right: -341.681 ± 178.019 χ^2/NDF : 30.4/31

In: -31.432 ± 262.416 χ^2/NDF : 15.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -341.681 ± 178.019 χ^2/NDF : 30.4/31

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 638.639+/-0.186 χ^2/NDF : 675665.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.782+/-0.171 χ^2/NDF : 872636.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

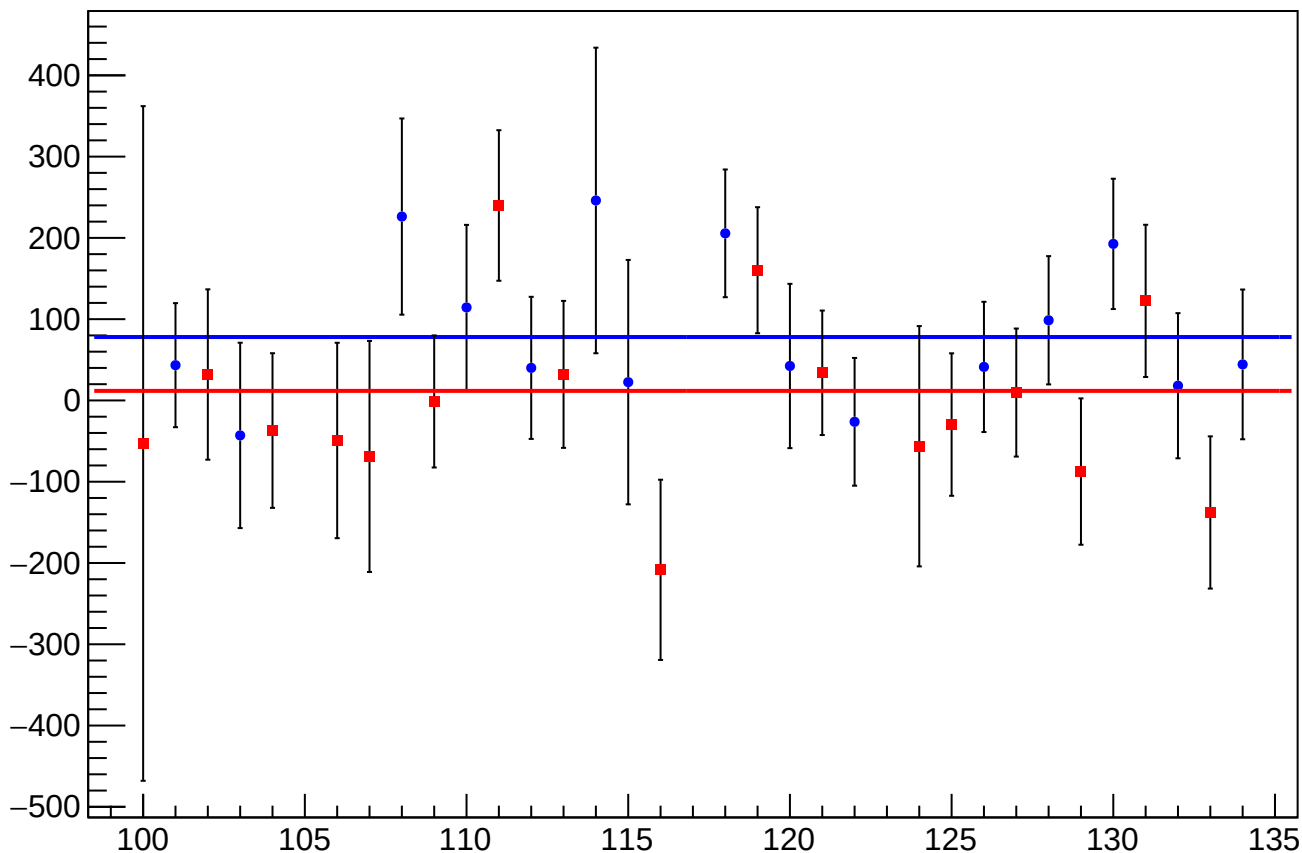
Right: 619.823+/-0.126 χ^2/NDF : 1567350.4/31

In: 638.639+/-0.186 χ^2/NDF : 675665.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.823+/-0.126 χ^2/NDF : 1567350.4/31

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 78.019+/-23.875 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.770+/-23.421 χ^2/NDF : 20.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

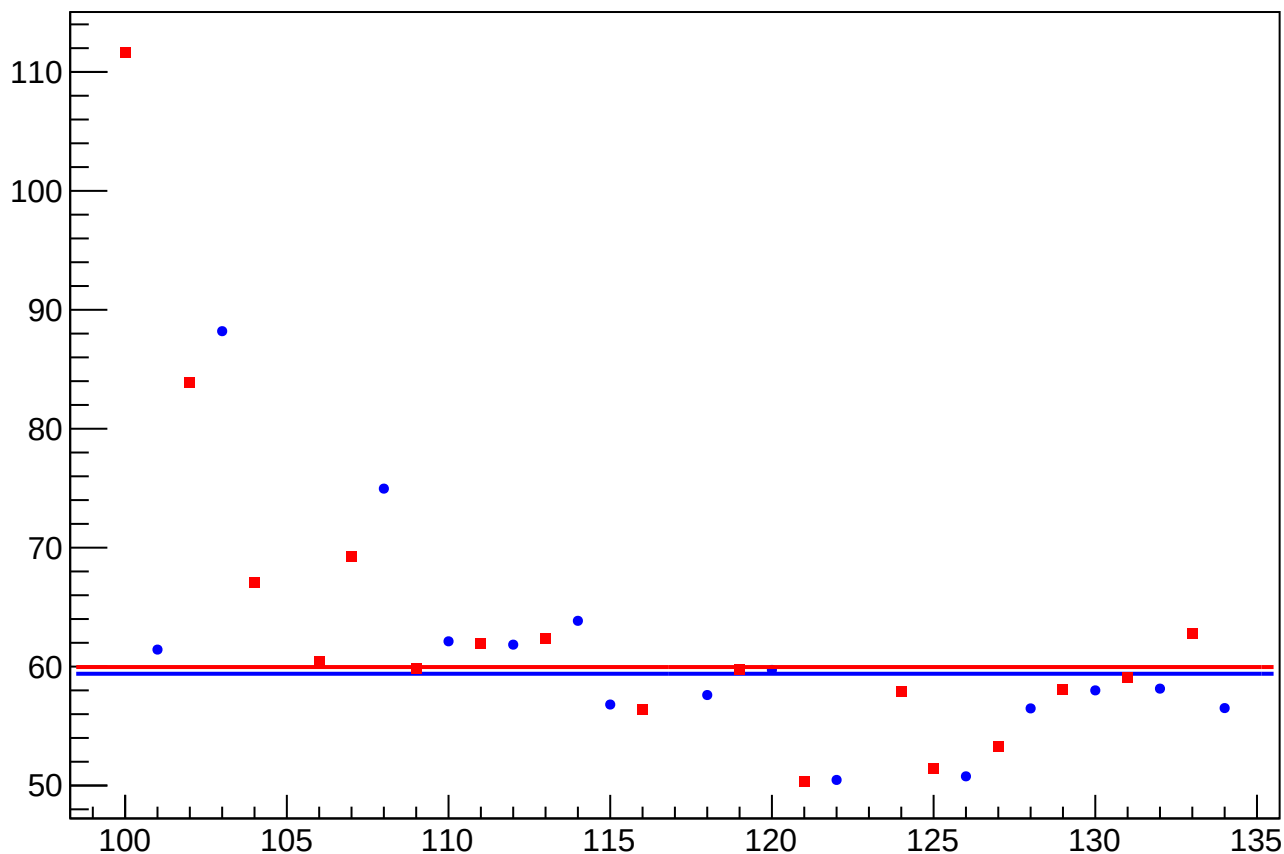
Right: 44.259+/-16.719 χ^2/NDF : 35.8/31

In: 78.019+/-23.875 χ^2/NDF : 11.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.259+/-16.719 χ^2/NDF : 35.8/31

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.398 $\pm$ 0.017 χ^2 /NDF: 222734.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.962 $\pm$ 0.017 χ^2 /NDF: 226975.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

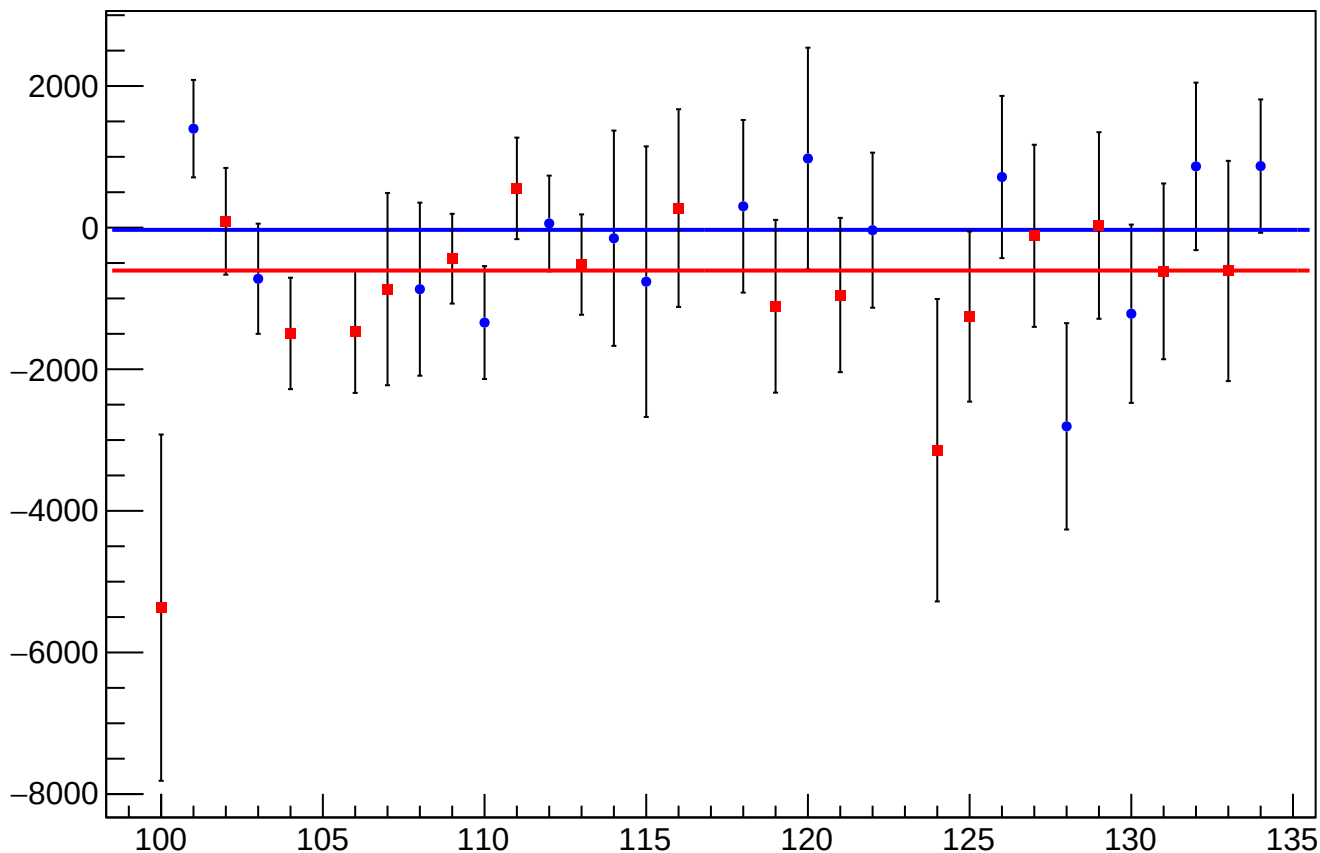
Right: 59.685 $\pm$ 0.012 χ^2 /NDF: 450279.5/31

In: 59.398 $\pm$ 0.017 χ^2 /NDF:222734.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.685 $\pm$ 0.012 χ^2 /NDF: 450279.5/31

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -31.432 ± 262.416 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -606.185 ± 242.299 χ^2/NDF : 12.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

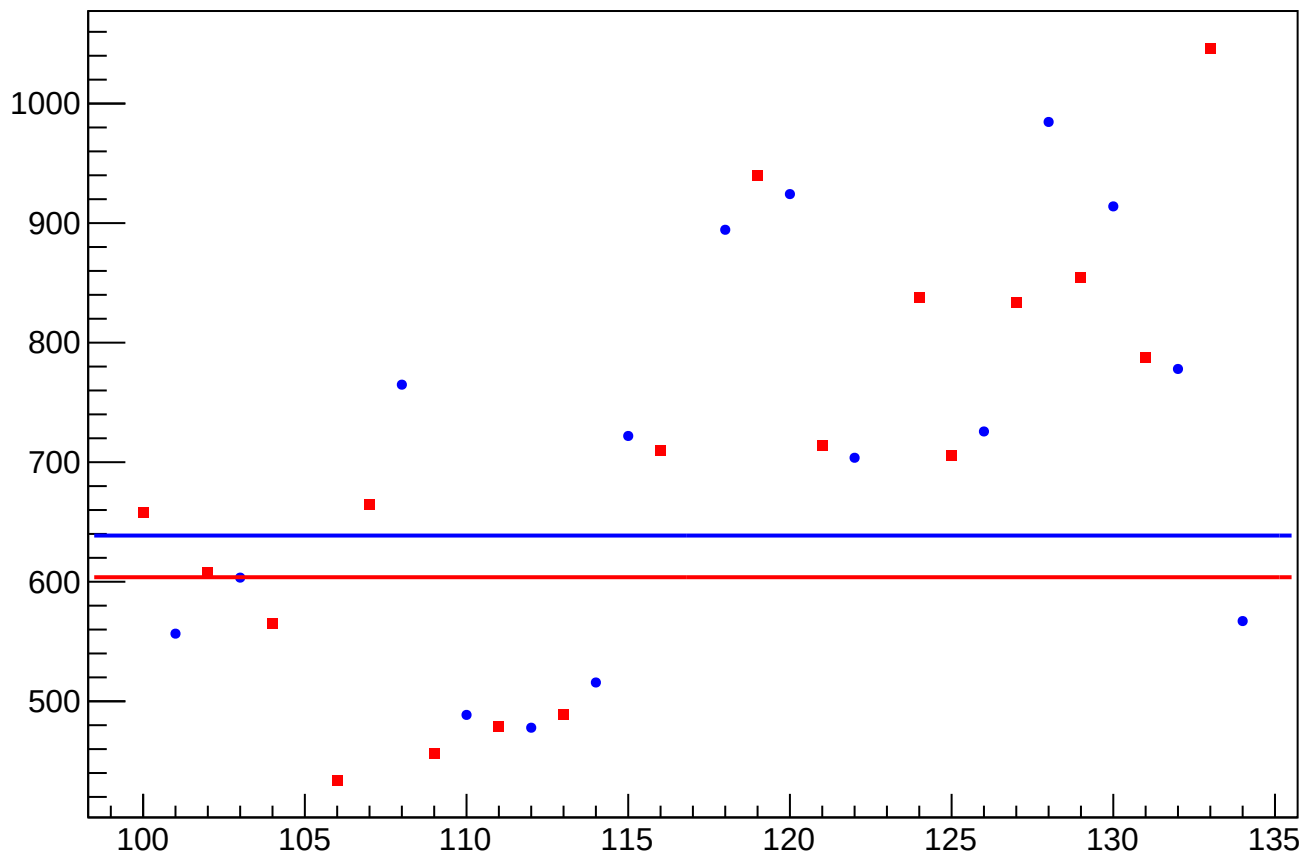
Right: -341.681 ± 178.019 χ^2/NDF : 30.4/31

In: -31.432 ± 262.416 χ^2/NDF : 15.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -341.681 ± 178.019 χ^2/NDF : 30.4/31

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 638.639+/-0.186 χ^2/NDF : 675665.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.782+/-0.171 χ^2/NDF : 872636.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

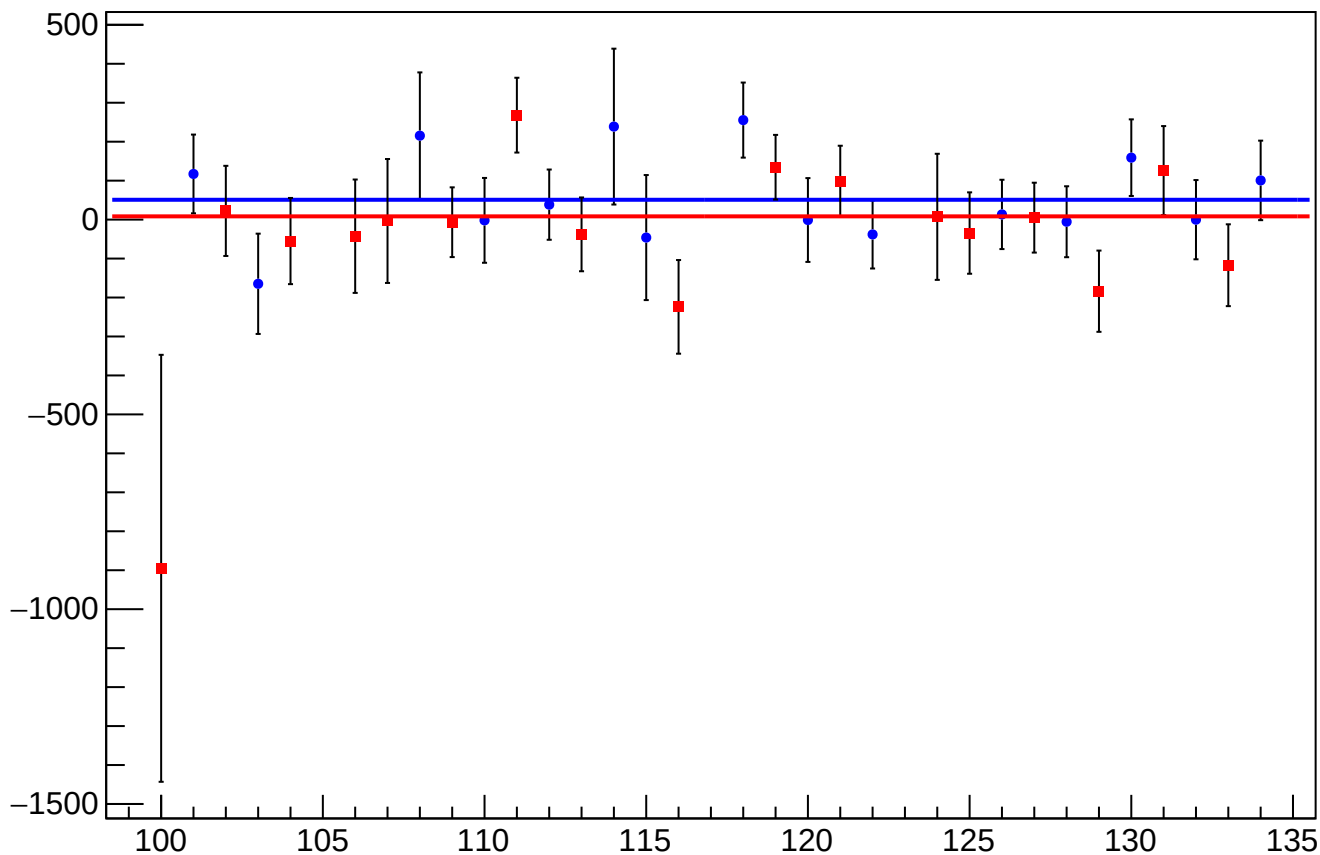
Right: 619.823+/-0.126 χ^2/NDF : 1567350.4/31

In: 638.639+/-0.186 χ^2/NDF : 675665.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.823+/-0.126 χ^2/NDF : 1567350.4/31

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 50.905 $\pm$ 27.365 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.340 $\pm$ 26.342 χ^2 /NDF: 23.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

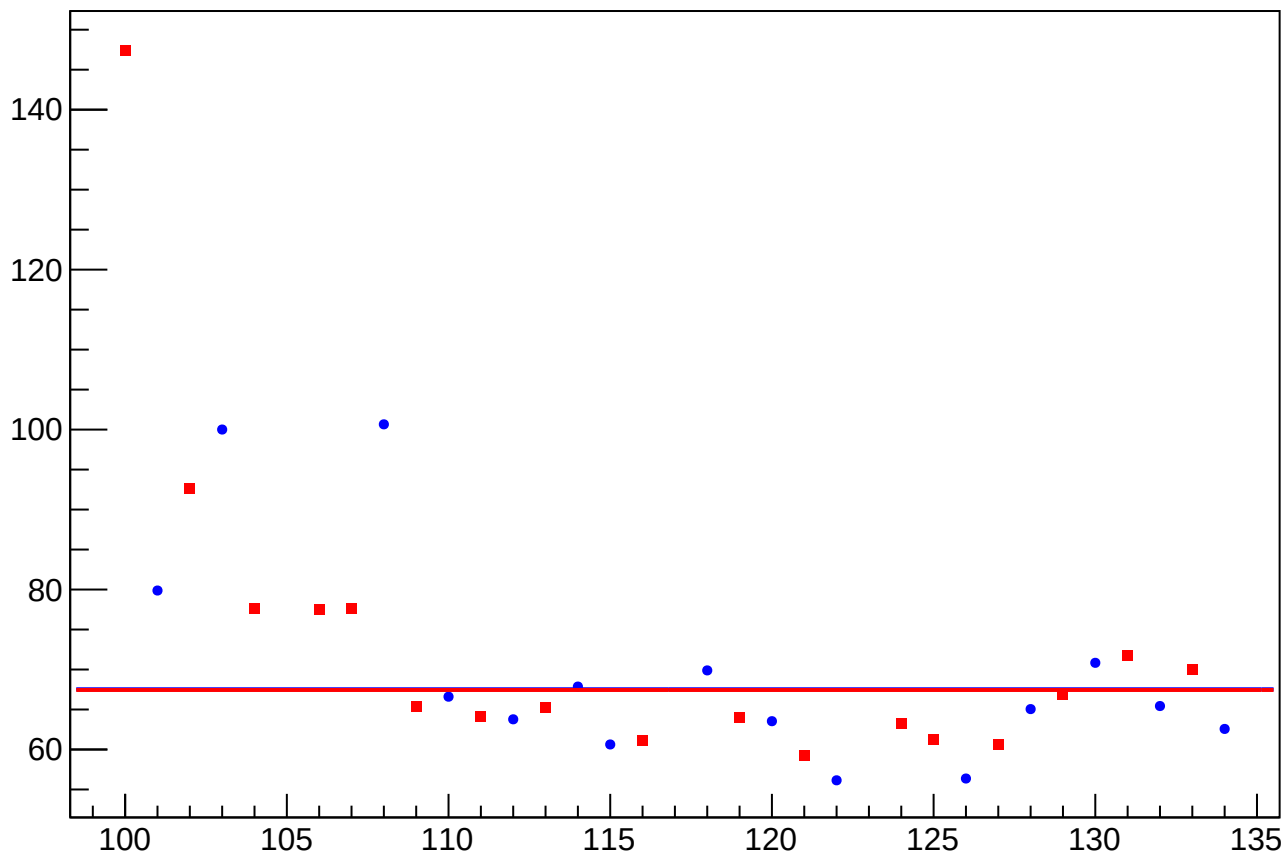
Right: 28.813 $\pm$ 18.978 χ^2 /NDF: 38.9/31

In: 50.905 $\pm$ 27.365 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.813 $\pm$ 18.978 χ^2 /NDF: 38.9/31

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.530+/-0.019 χ^2/NDF : 326347.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.444+/-0.019 χ^2/NDF : 226468.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

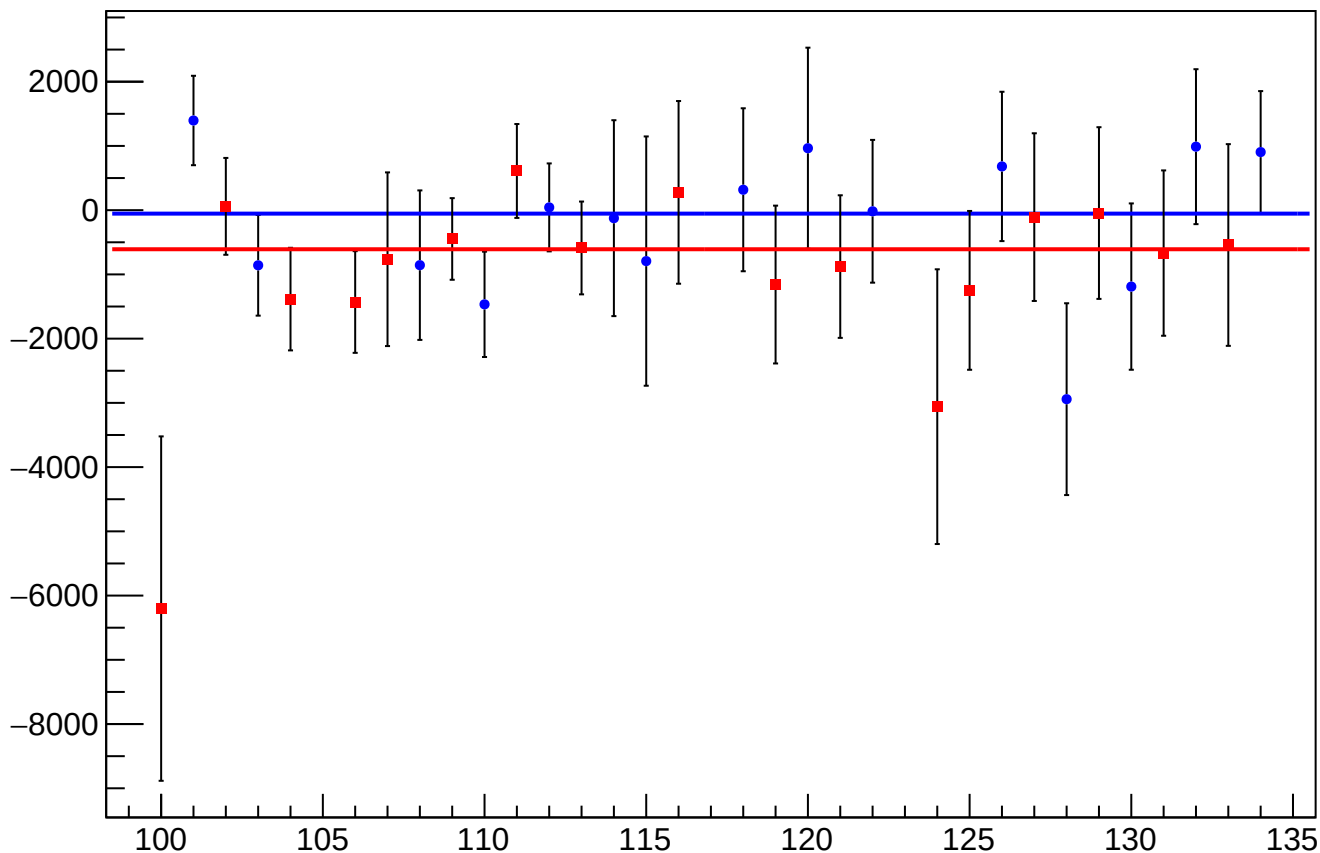
Right: 67.485+/-0.013 χ^2/NDF : 552826.2/31

In: 67.530+/-0.019 χ^2/NDF : 326347.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.485+/-0.013 χ^2/NDF : 552826.2/31

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.852 ± 265.666 $\chi^2/\text{NDF}: 16.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -608.395 ± 243.441 $\chi^2/\text{NDF}: 12.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

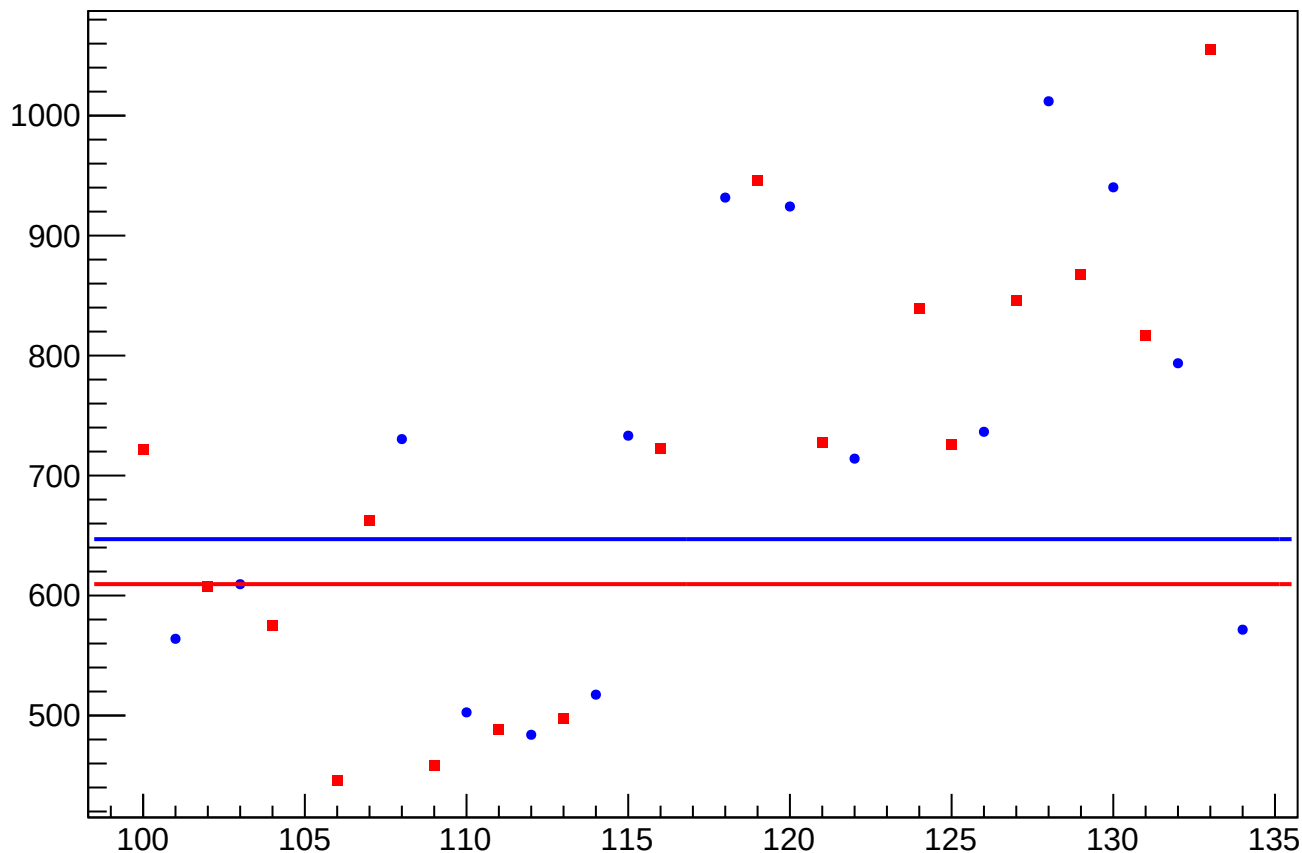
Right: -355.287 ± 179.483 $\chi^2/\text{NDF}: 31.1/31$

In: -53.852 ± 265.666 $\chi^2/\text{NDF}: 16.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -355.287 ± 179.483 $\chi^2/\text{NDF}: 31.1/31$

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.994+/-0.188 χ^2/NDF : 684105.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.502+/-0.172 χ^2/NDF : 891573.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

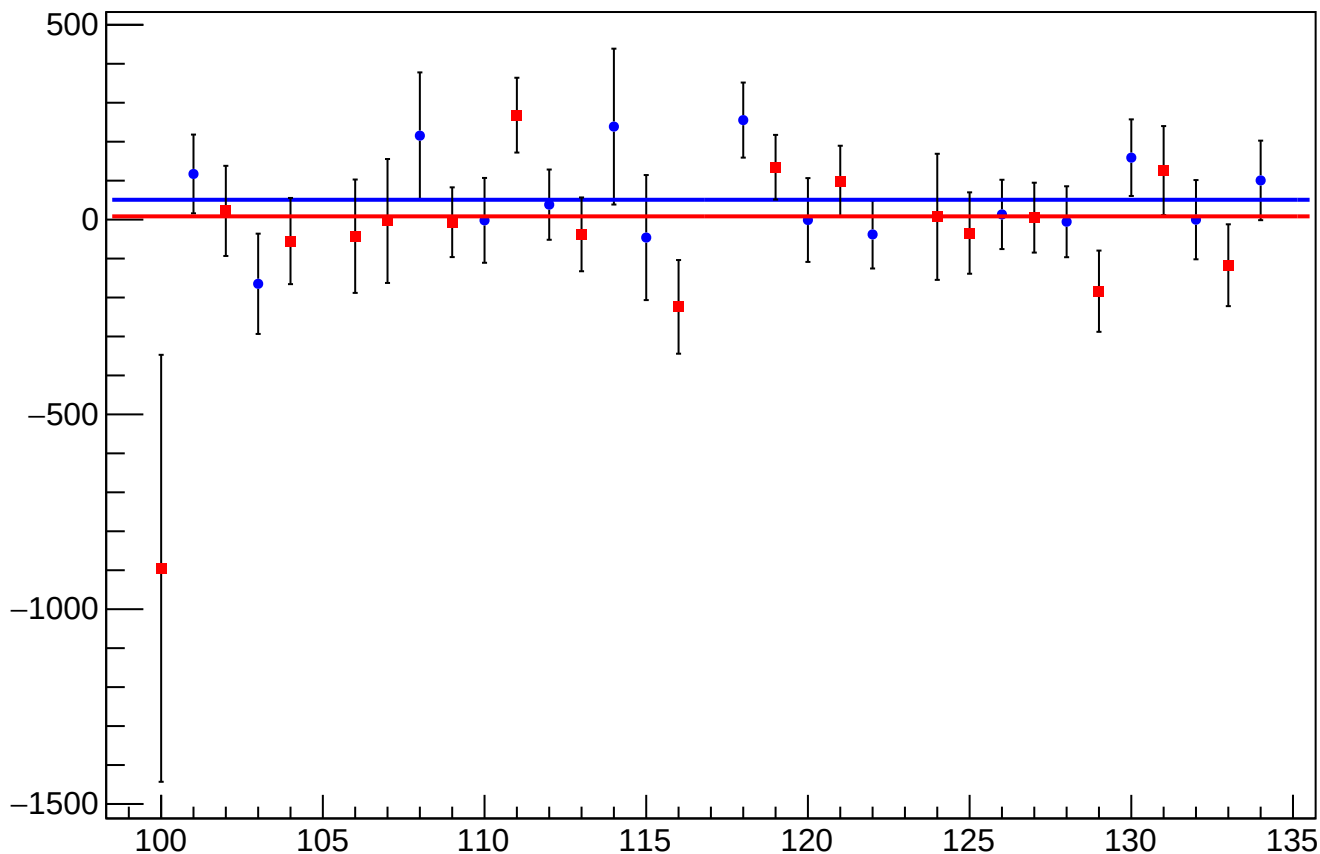
Right: 626.614+/-0.127 χ^2/NDF : 1597330.2/31

In: 646.994+/-0.188 χ^2/NDF : 684105.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.614+/-0.127 χ^2/NDF : 1597330.2/31

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 50.904 $\pm$ 27.364 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.341 $\pm$ 26.342 χ^2 /NDF: 23.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

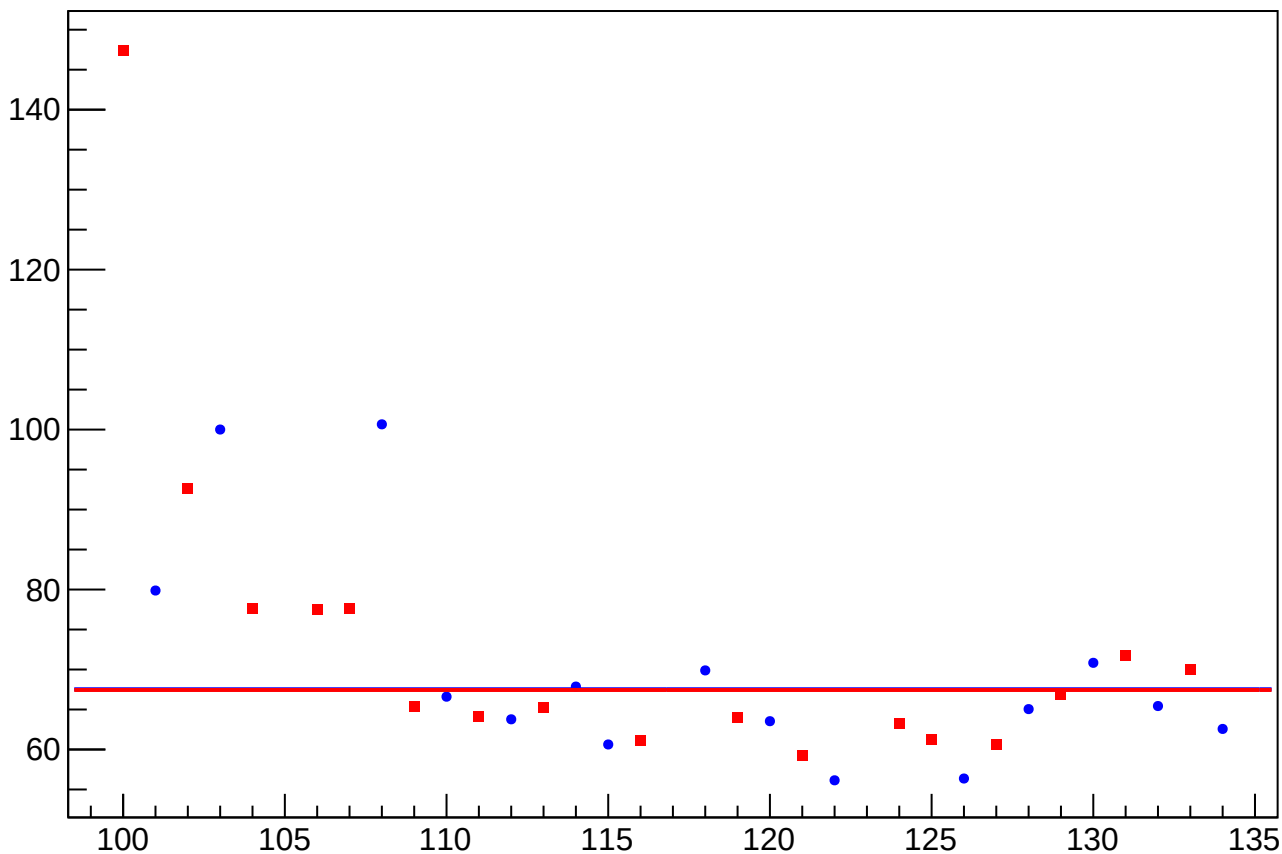
Right: 28.813 $\pm$ 18.978 χ^2 /NDF: 38.9/31

In: 50.904 $\pm$ 27.364 χ^2 /NDF:13.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.813 $\pm$ 18.978 χ^2 /NDF: 38.9/31

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.530+/-0.019 χ^2/NDF : 326351.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.444+/-0.019 χ^2/NDF : 226473.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

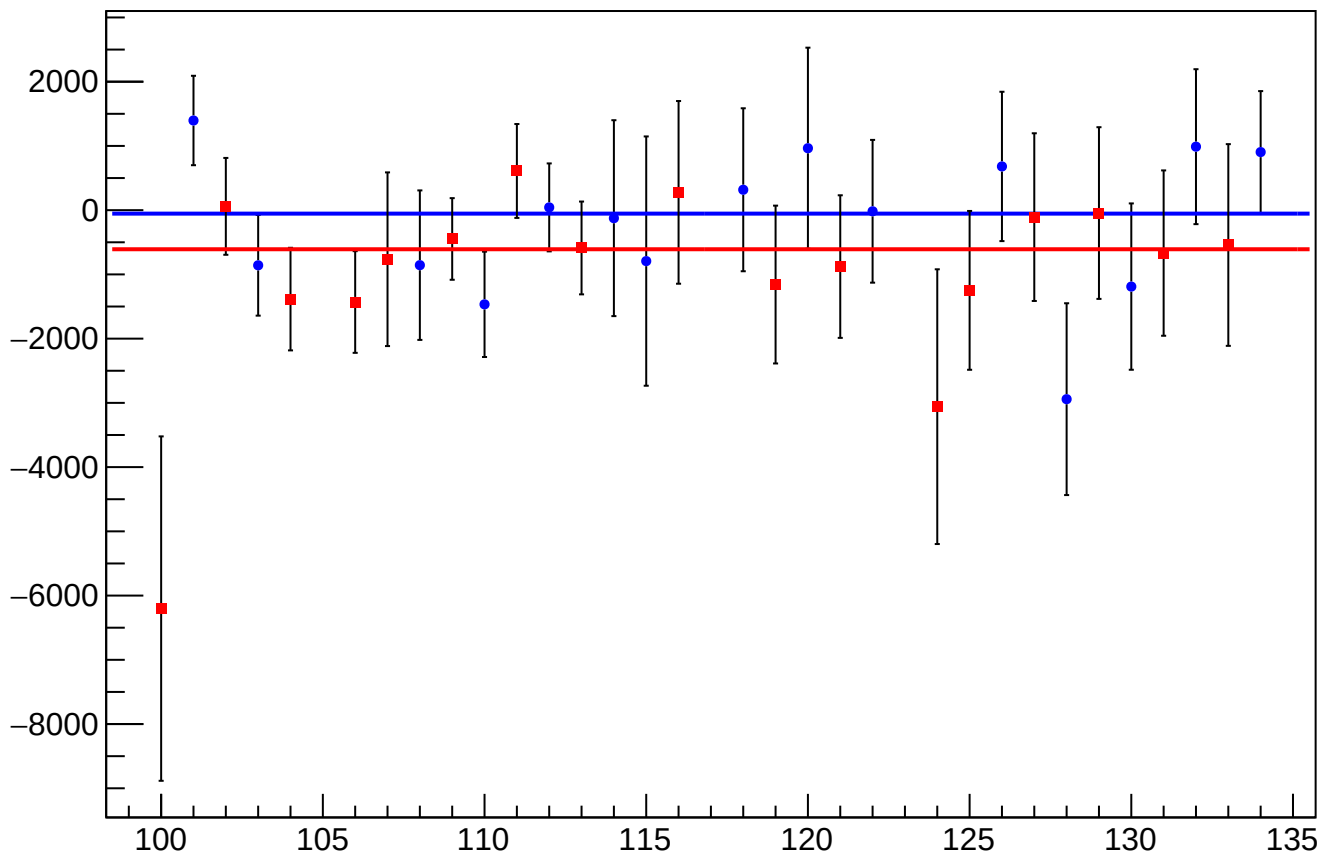
Right: 67.485+/-0.013 χ^2/NDF : 552835.3/31

In: 67.530+/-0.019 χ^2/NDF : 326351.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.485+/-0.013 χ^2/NDF : 552835.3/31

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.852 ± 265.666 $\chi^2/\text{NDF}: 16.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -608.394 ± 243.440 $\chi^2/\text{NDF}: 12.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

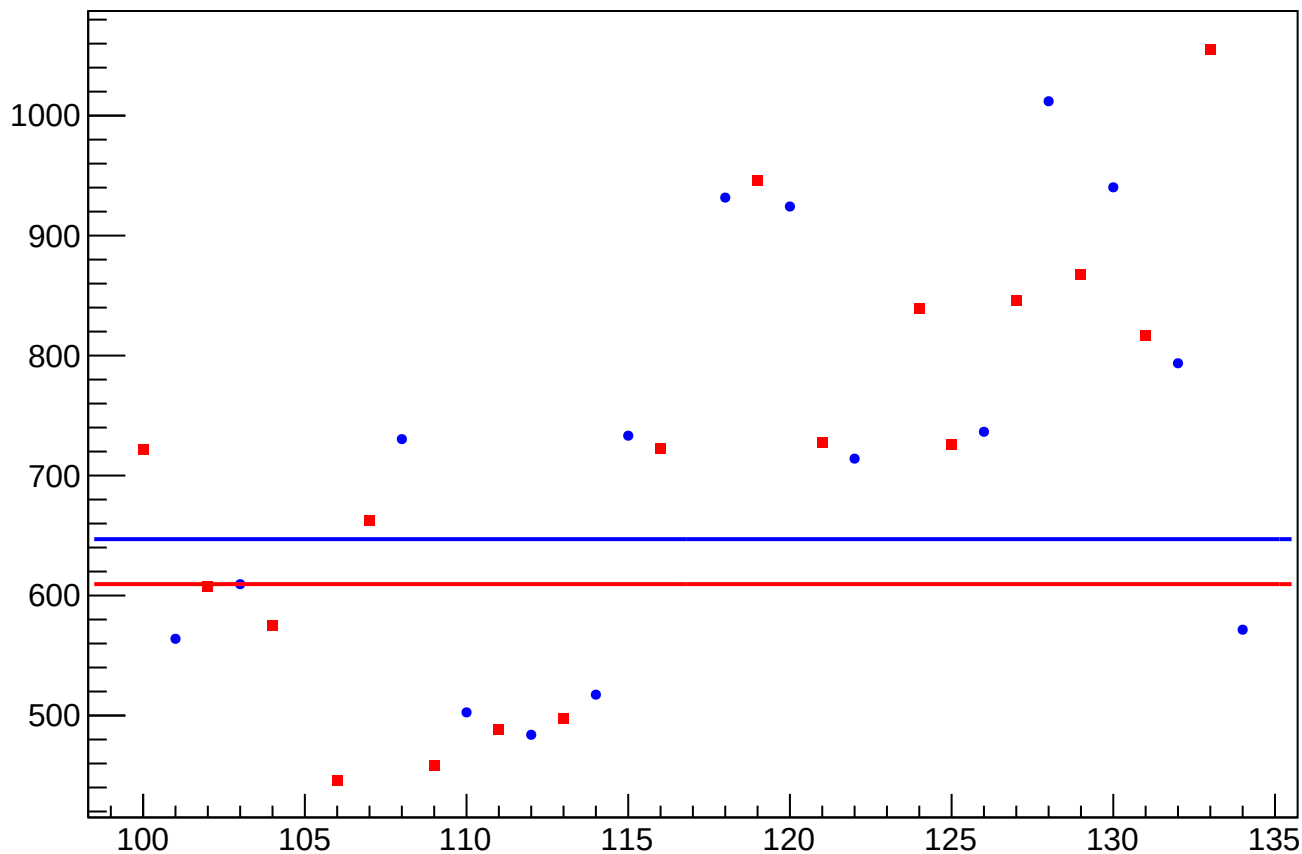
Right: -355.286 ± 179.482 $\chi^2/\text{NDF}: 31.1/31$

In: -53.852 ± 265.666 $\chi^2/\text{NDF}: 16.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -355.286 ± 179.482 $\chi^2/\text{NDF}: 31.1/31$

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.994+/-0.188 χ^2/NDF : 684108.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.501+/-0.172 χ^2/NDF : 891575.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

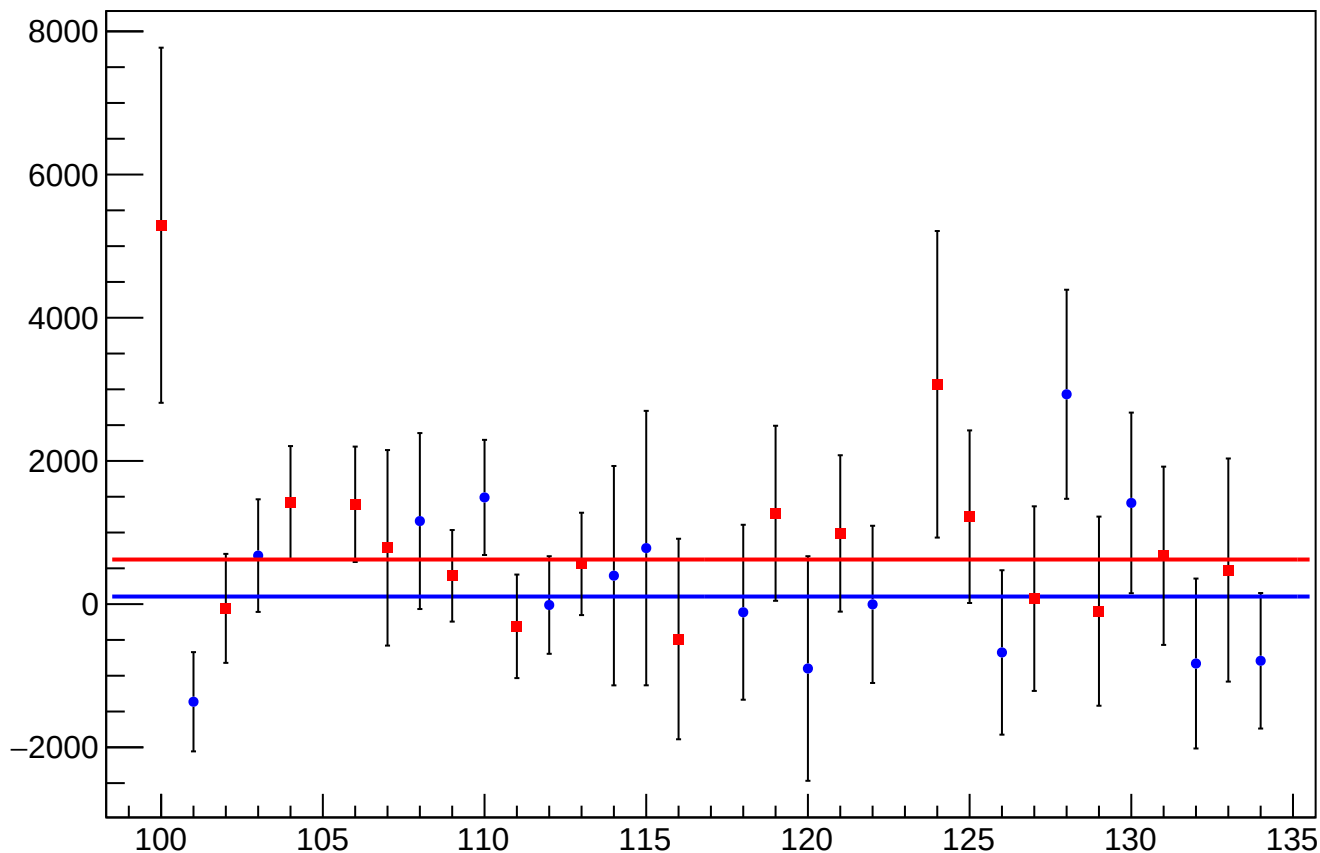
Right: 626.614+/-0.127 χ^2/NDF : 1597335.3/31

In: 646.994+/-0.188 χ^2/NDF : 684108.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.614+/-0.127 χ^2/NDF : 1597335.3/31

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 105.985 $\pm$ 264.013 χ^2 /NDF: 16.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 623.021 $\pm$ 242.358 χ^2 /NDF: 11.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

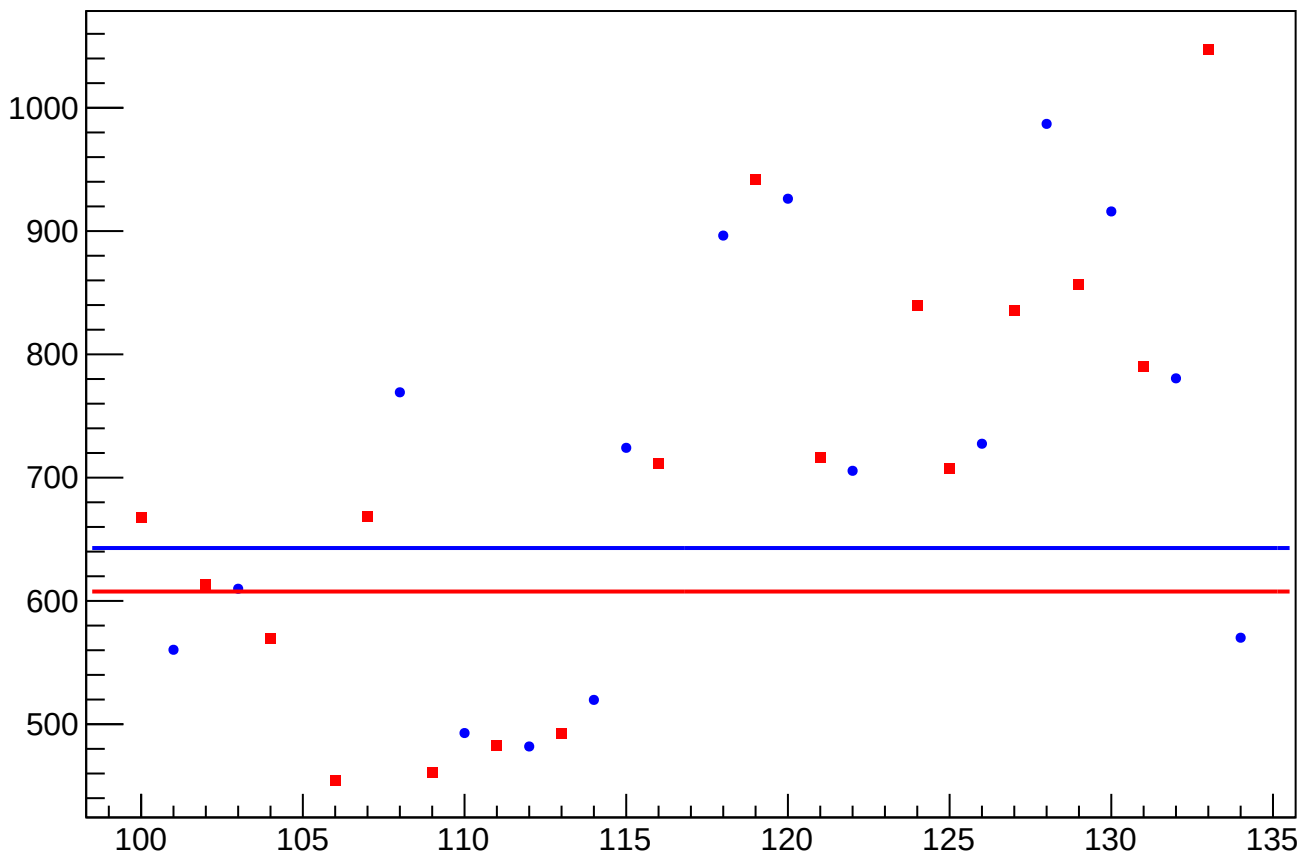
Right: 386.574 $\pm$ 178.539 χ^2 /NDF: 29.4/31

In: 105.985 $\pm$ 264.013 χ^2 /NDF:16.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 386.574 $\pm$ 178.539 χ^2 /NDF: 29.4/31

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 642.906+/-0.187 χ^2/NDF : 662926.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.618+/-0.171 χ^2/NDF : 852326.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

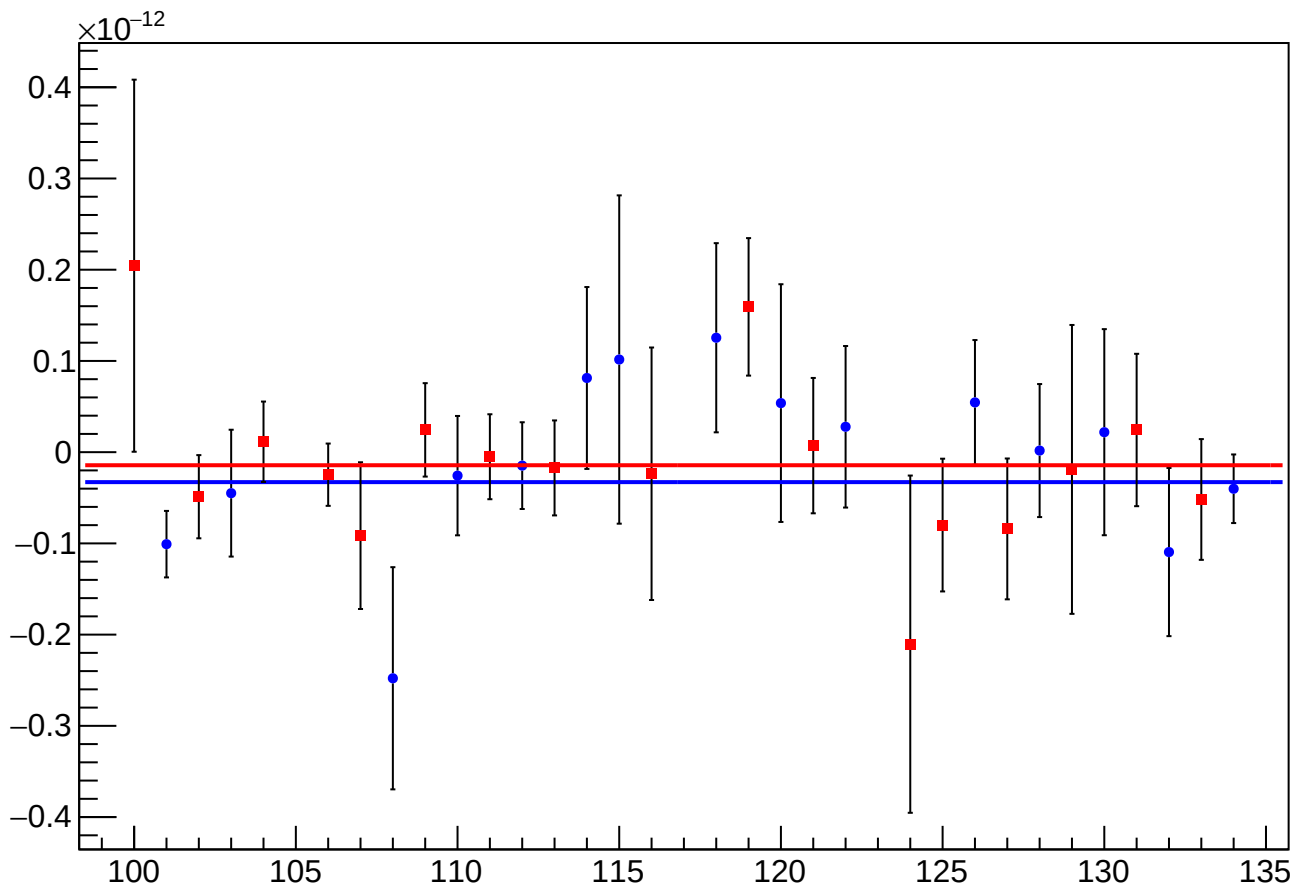
Right: 623.756+/-0.126 χ^2/NDF : 1534643.6/31

In: 642.906+/-0.187 χ^2/NDF : 662926.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.756+/-0.126 χ^2/NDF : 1534643.6/31

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

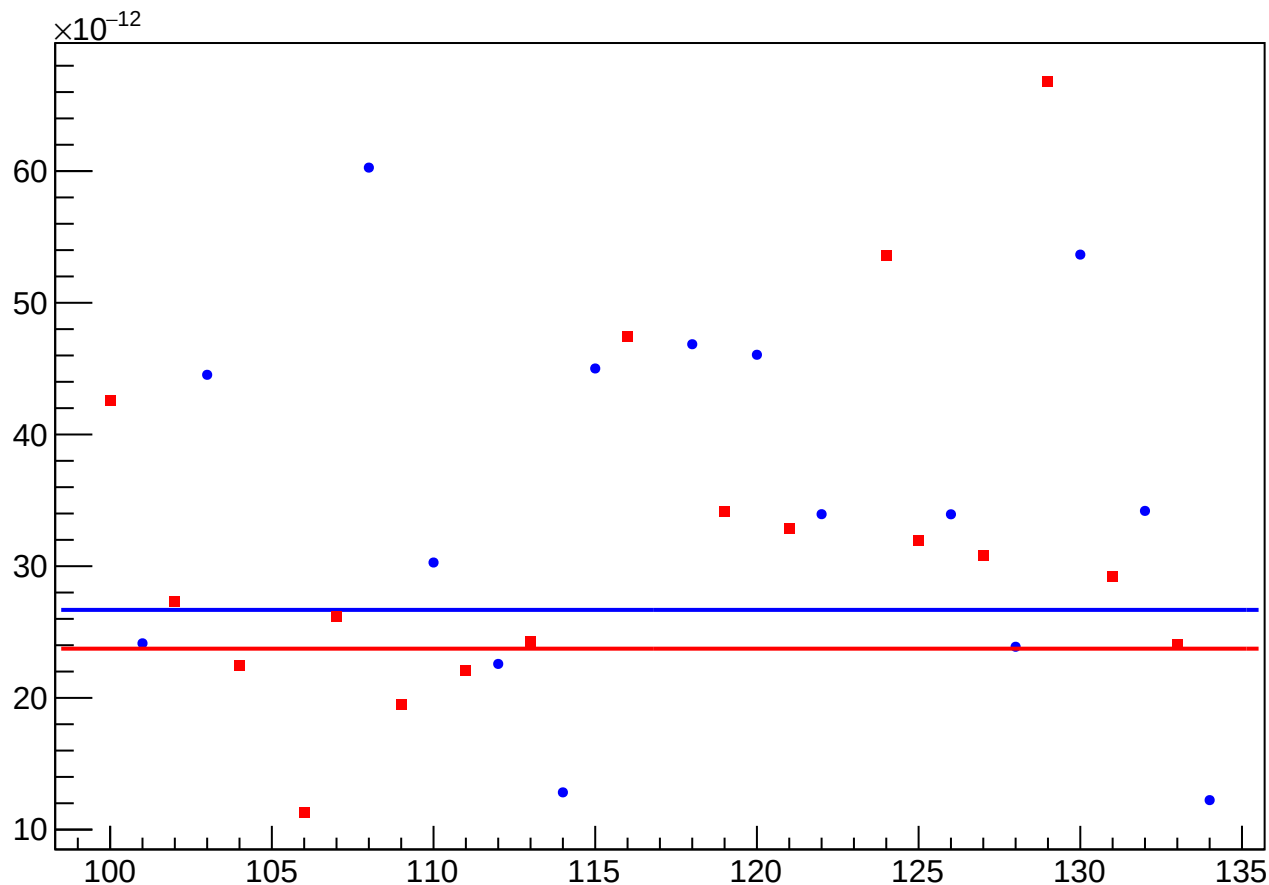
Right: -0.000+/-0.000 χ^2/NDF : 27.8/31

In: -0.000+/-0.000 χ^2/NDF : 14.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/31

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 955328.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693406.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

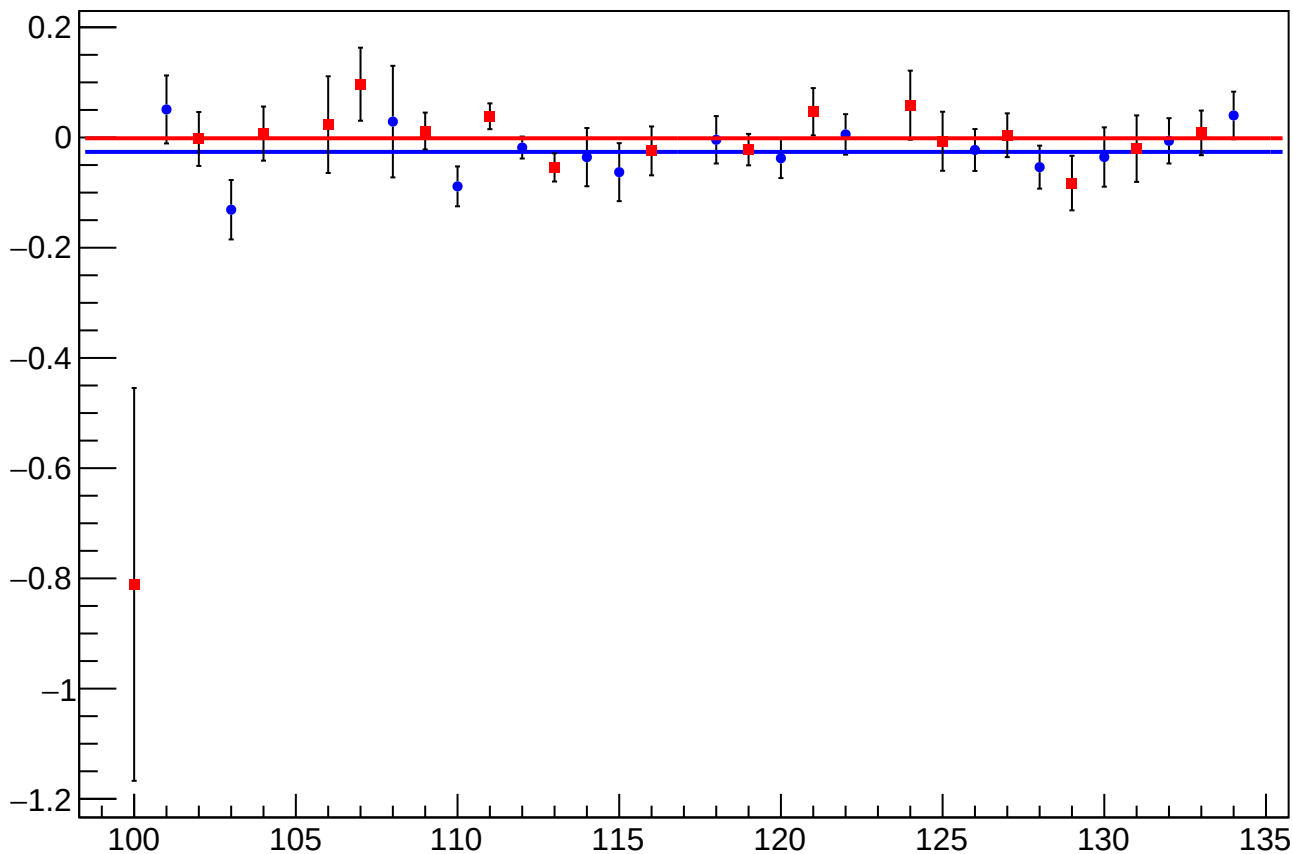
Right: 0.000+/-0.000 χ^2/NDF : 1682265.9/31

In: 0.000+/-0.000 χ^2/NDF : 955328.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1682265.9/31

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.010 χ^2/NDF : 20.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

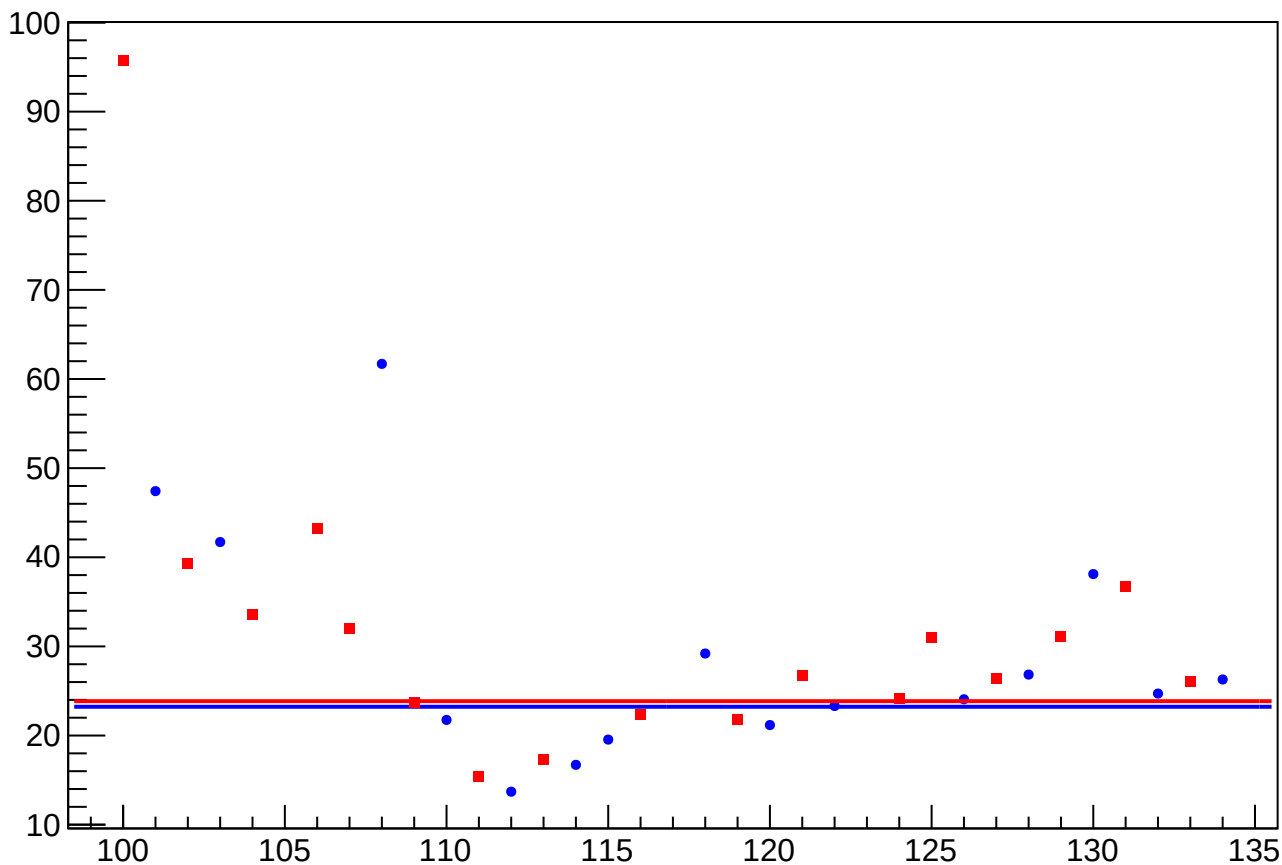
Right: -0.013 ± 0.007 χ^2/NDF : 37.2/31

In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 37.2/31

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.230+/-0.007 χ^2/NDF : 1561142.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.855+/-0.007 χ^2/NDF : 1084329.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

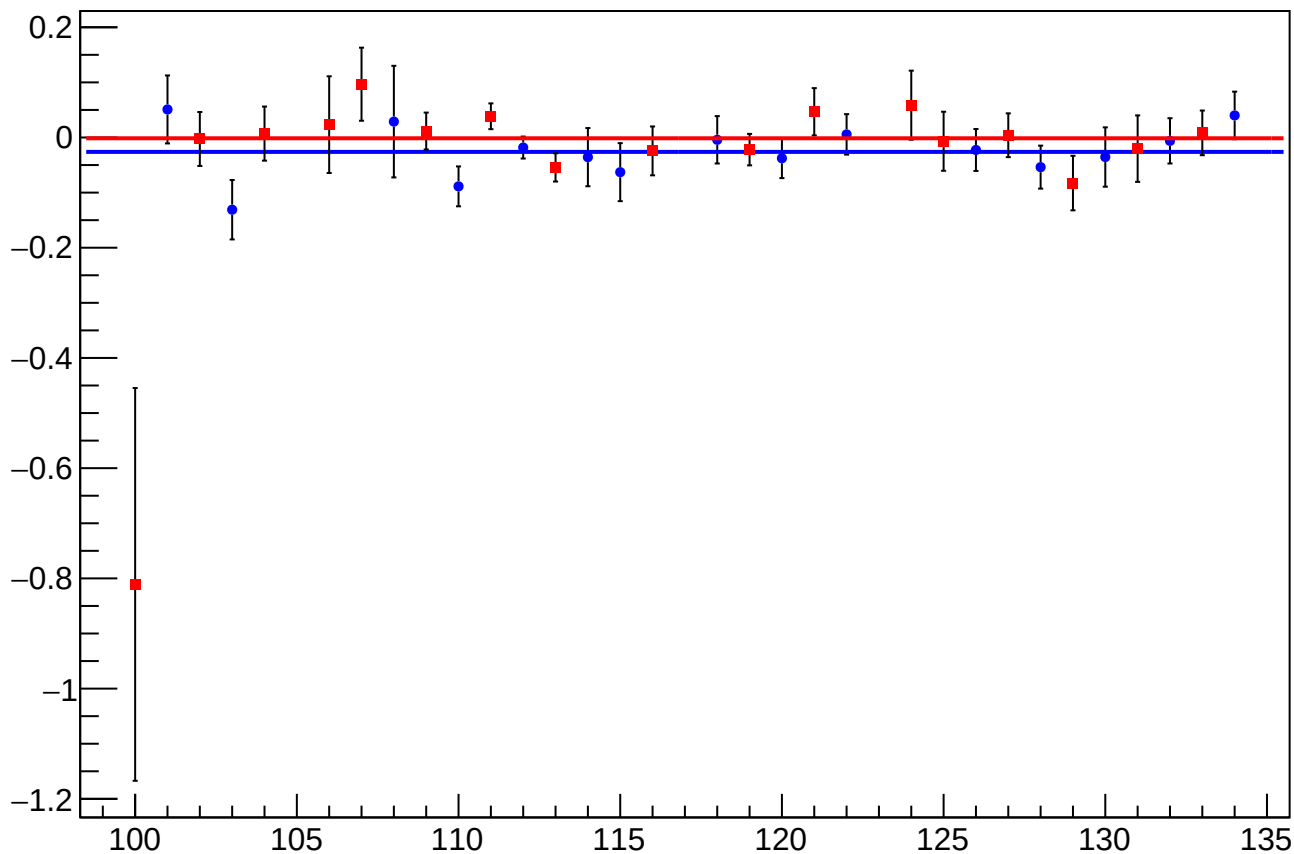
Right: 23.553+/-0.005 χ^2/NDF : 2649346.7/31

In: 23.230+/-0.007 χ^2/NDF :1561142.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.553+/-0.005 χ^2/NDF : 2649346.7/31

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.010 χ^2/NDF : 20.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

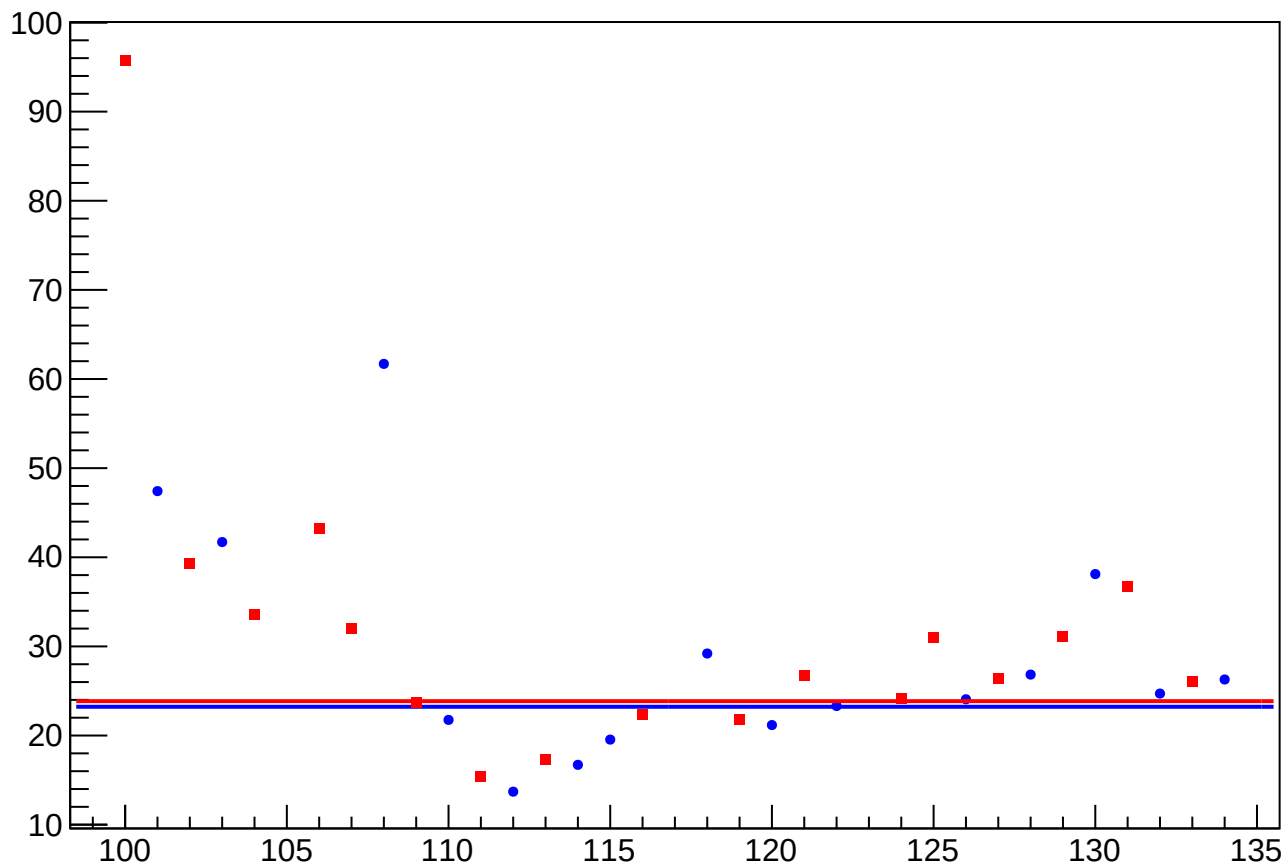
Right: -0.013 ± 0.007 χ^2/NDF : 37.2/31

In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 37.2/31

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.230+/-0.007 χ^2/NDF : 1561142.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.855+/-0.007 χ^2/NDF : 1084329.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

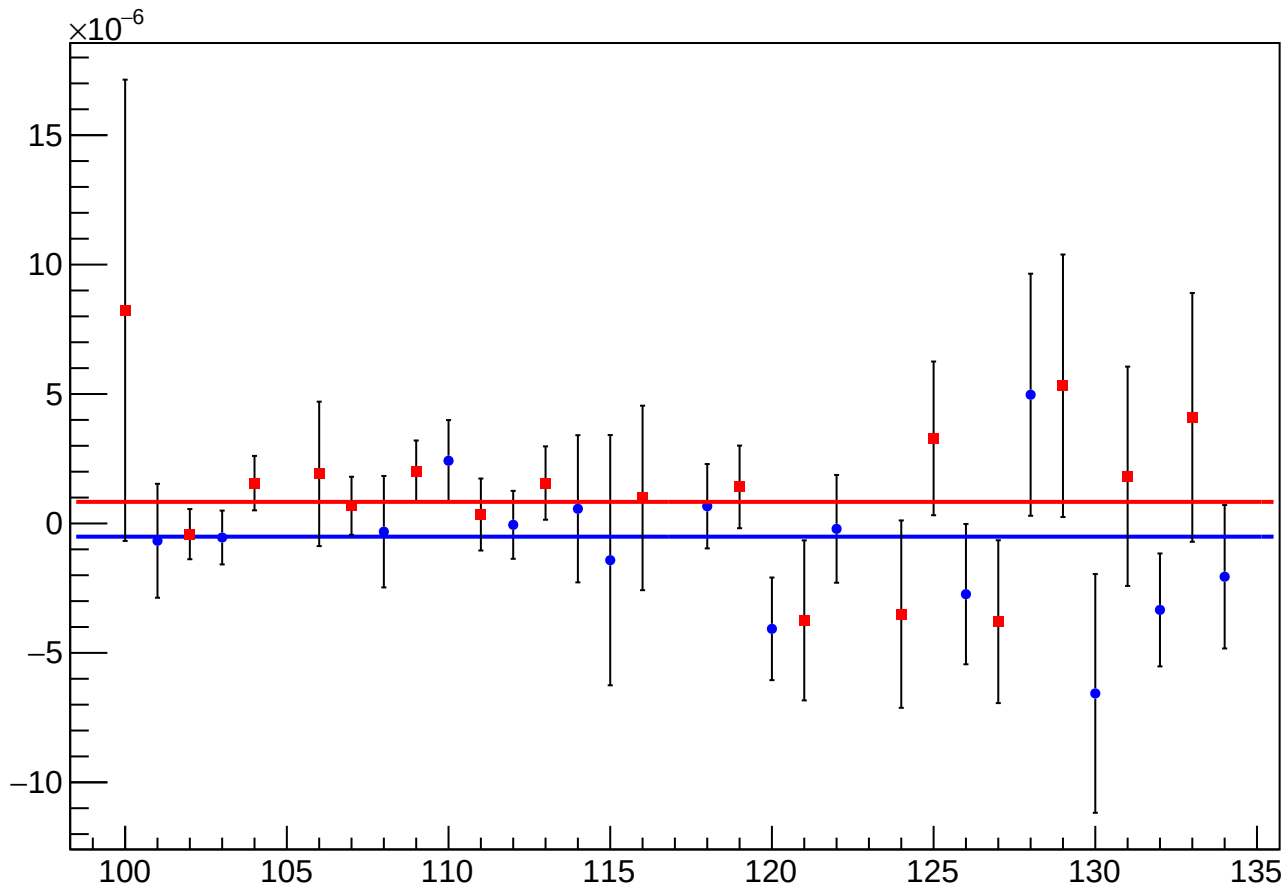
Right: 23.553+/-0.005 χ^2/NDF : 2649346.7/31

In: 23.230+/-0.007 χ^2/NDF :1561142.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.553+/-0.005 χ^2/NDF : 2649346.7/31

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 13.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 12.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

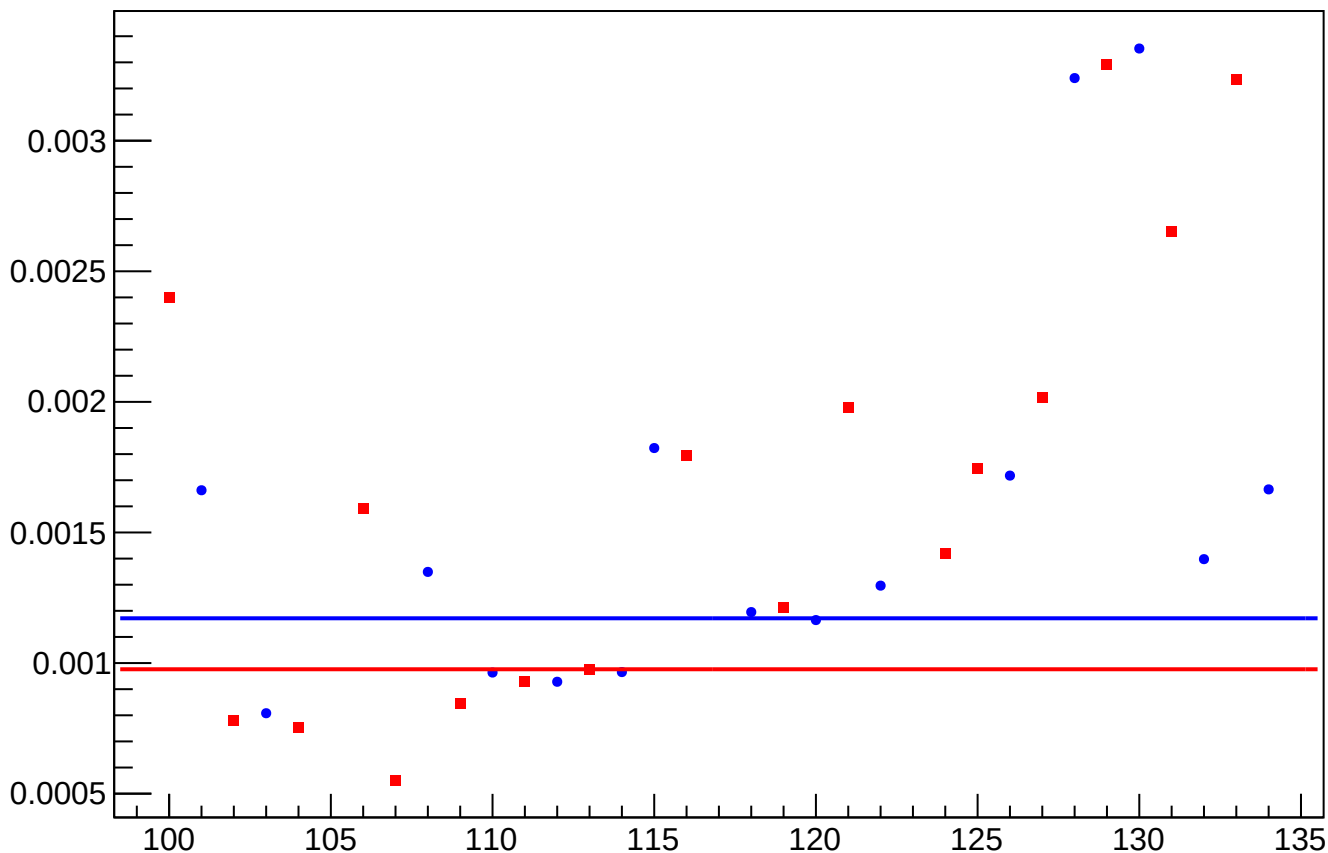
Right: 0.000 ± 0.000 χ^2/NDF : 29.8/31

In: -0.000 ± 0.000 χ^2/NDF : 13.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 29.8/31

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1520569.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2548233.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

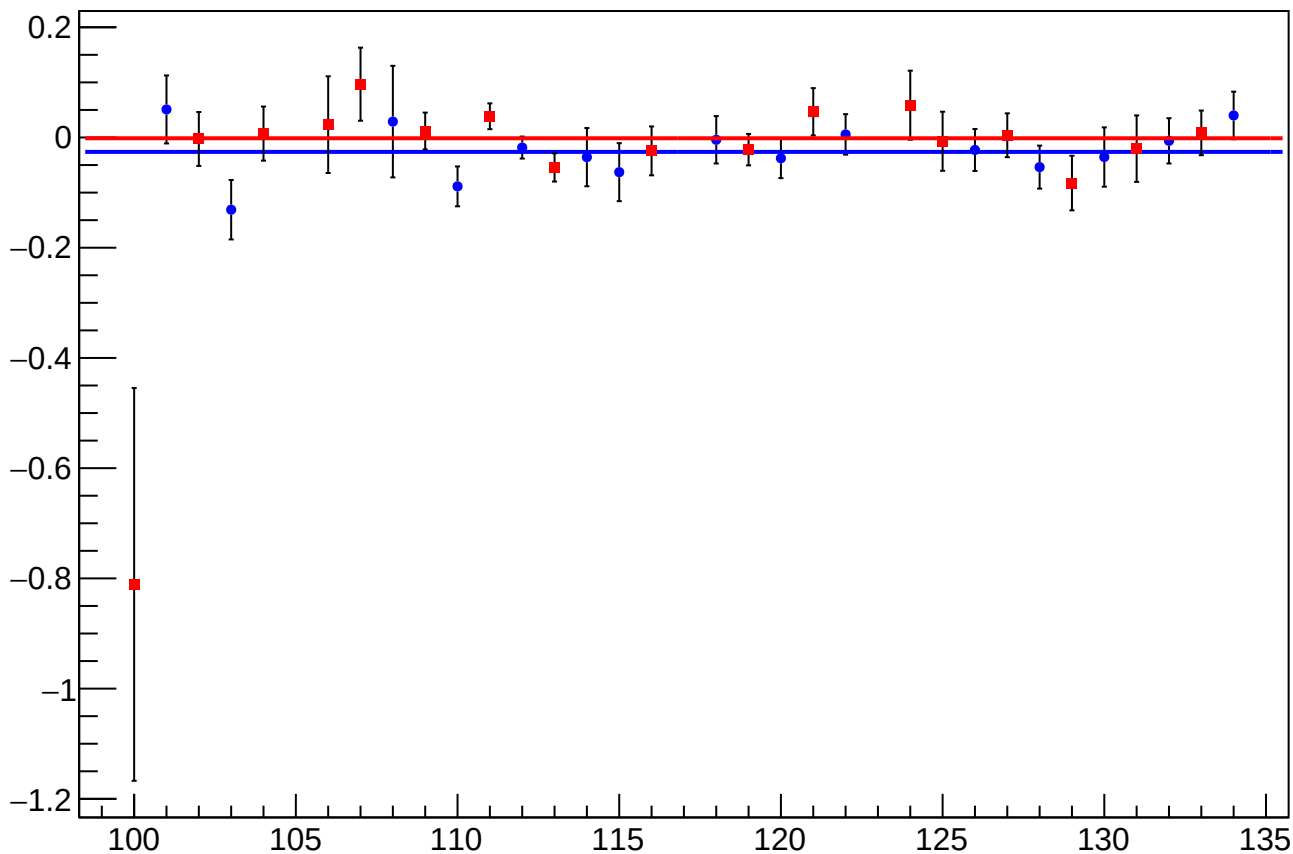
Right: 0.001+/-0.000 χ^2/NDF : 4245180.7/31

In: 0.001+/-0.000 χ^2/NDF : 1520569.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4245180.7/31

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.010 χ^2/NDF : 20.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

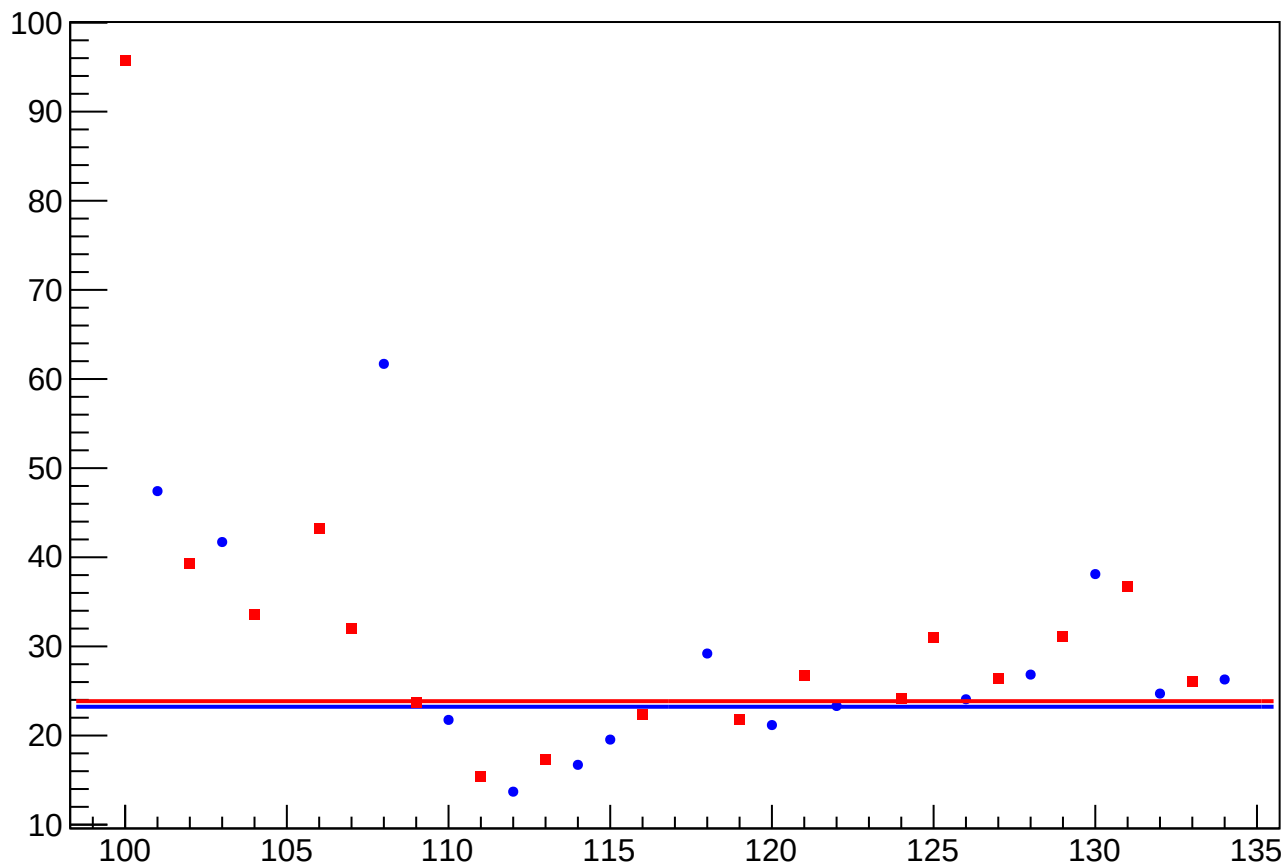
Right: -0.013 ± 0.007 χ^2/NDF : 37.2/31

In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 37.2/31

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.229+/-0.007 χ^2/NDF : 1561161.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.855+/-0.007 χ^2/NDF : 1084369.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

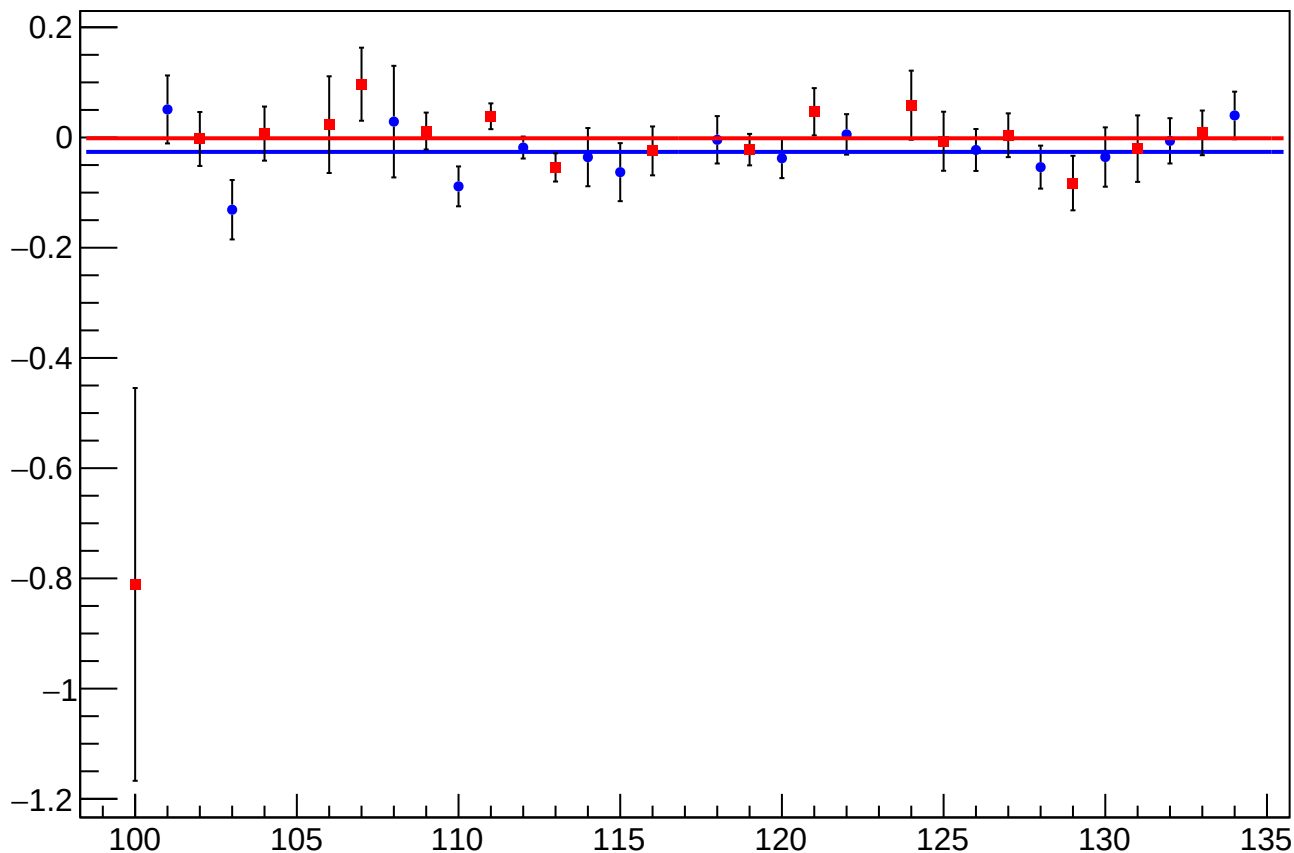
Right: 23.553+/-0.005 χ^2/NDF : 2649405.3/31

In: 23.229+/-0.007 χ^2/NDF : 1561161.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.553+/-0.005 χ^2/NDF : 2649405.3/31

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.010 χ^2/NDF : 20.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

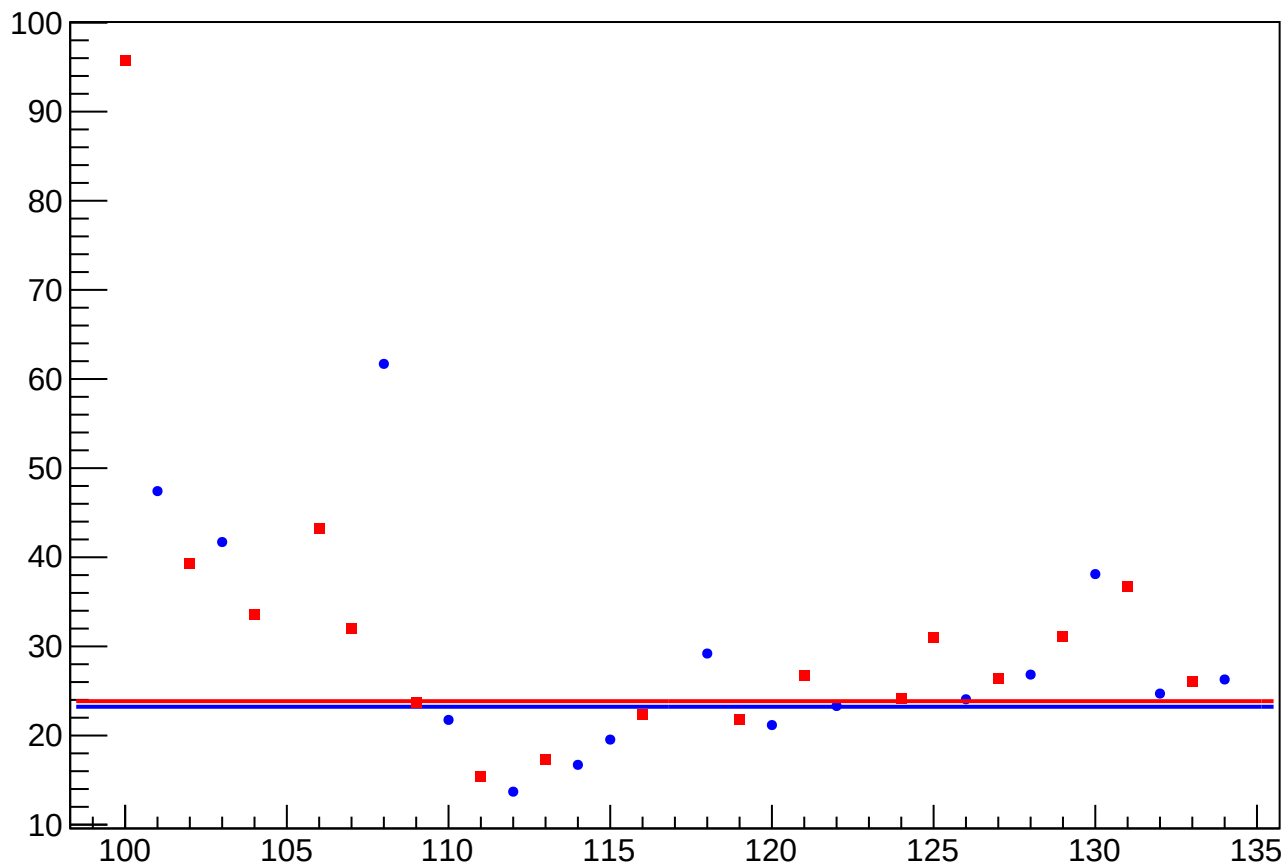
Right: -0.013 ± 0.007 χ^2/NDF : 37.2/31

In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 37.2/31

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.229+/-0.007 χ^2/NDF : 1561161.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.855+/-0.007 χ^2/NDF : 1084369.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

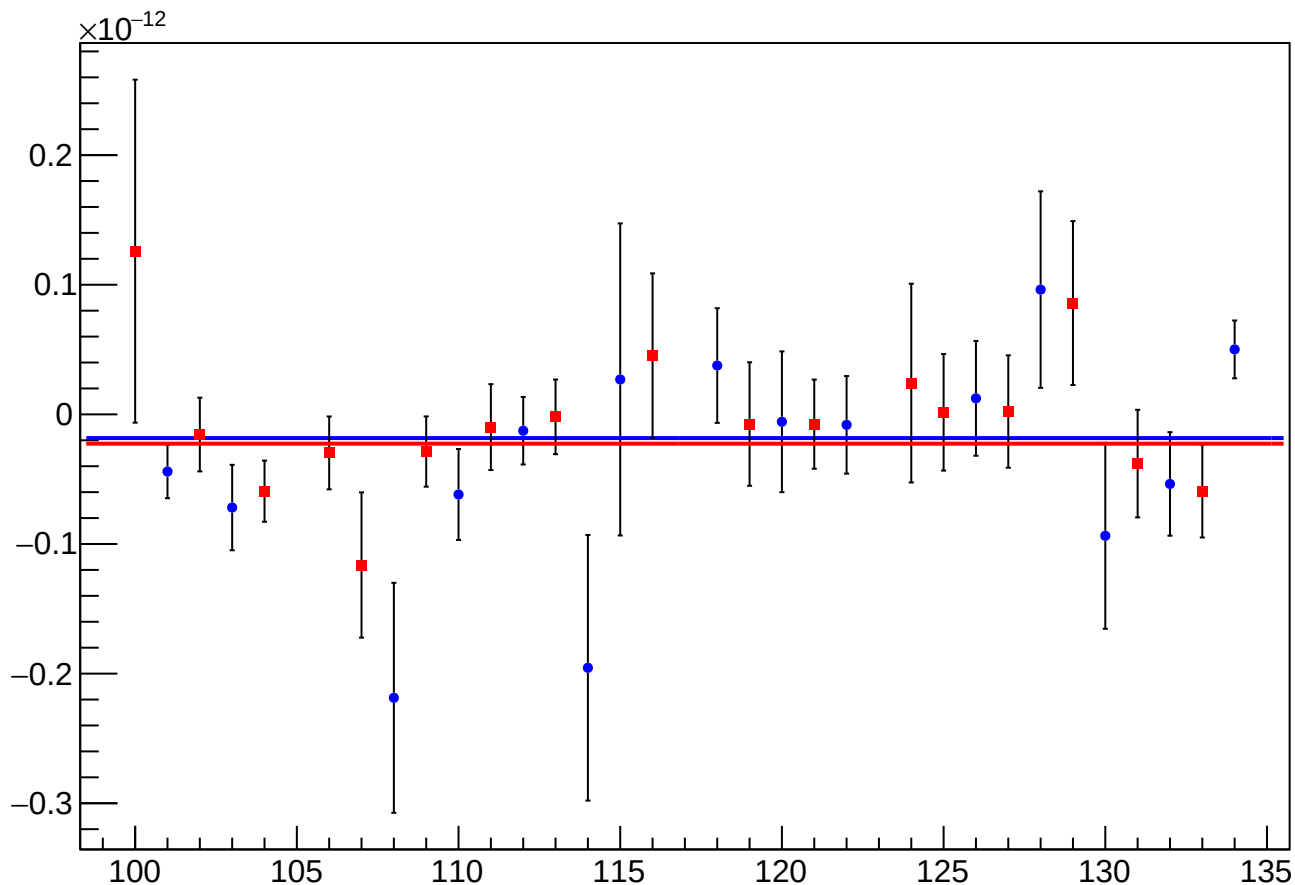
Right: 23.553+/-0.005 χ^2/NDF : 2649405.3/31

In: 23.229+/-0.007 χ^2/NDF : 1561161.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.553+/-0.005 χ^2/NDF : 2649405.3/31

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 29.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

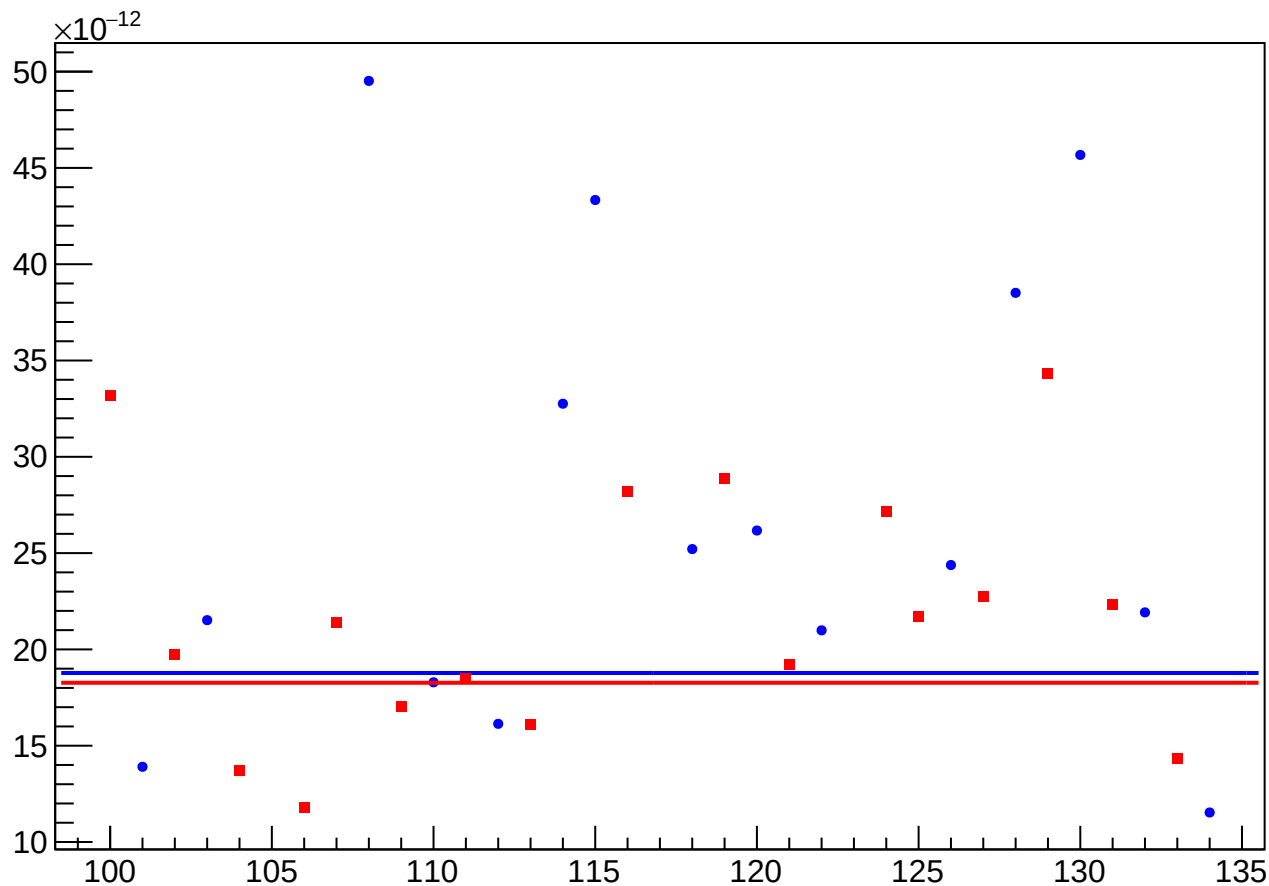
Right: -0.000+/-0.000 χ^2/NDF : 43.8/31

In: -0.000+/-0.000 χ^2/NDF : 29.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.8/31

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1265978.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 616141.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

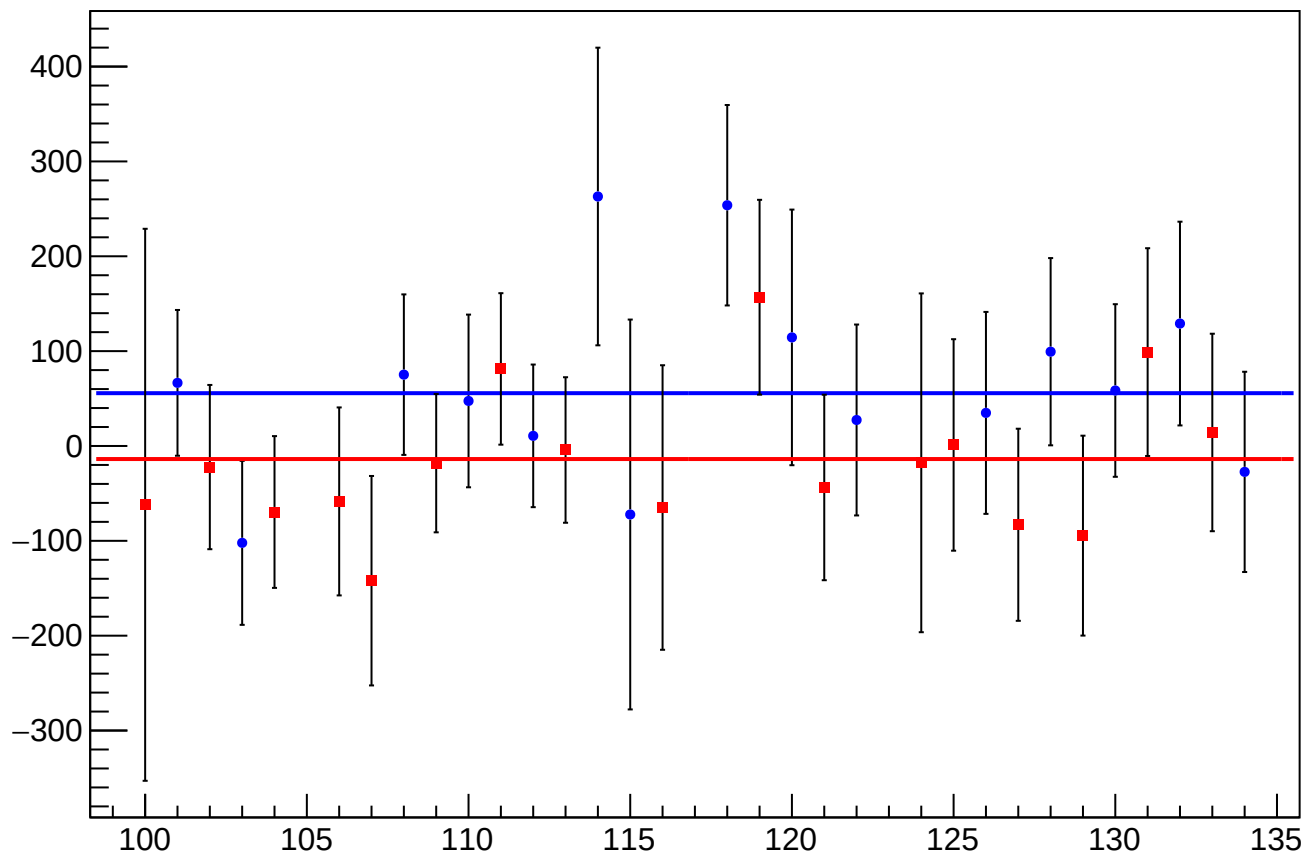
Right: 0.000+/-0.000 χ^2/NDF : 1885129.0/31

In: 0.000+/-0.000 χ^2/NDF : 1265978.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1885129.0/31

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 55.670 $\pm$ 25.514 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.770 $\pm$ 24.119 χ^2 /NDF: 8.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

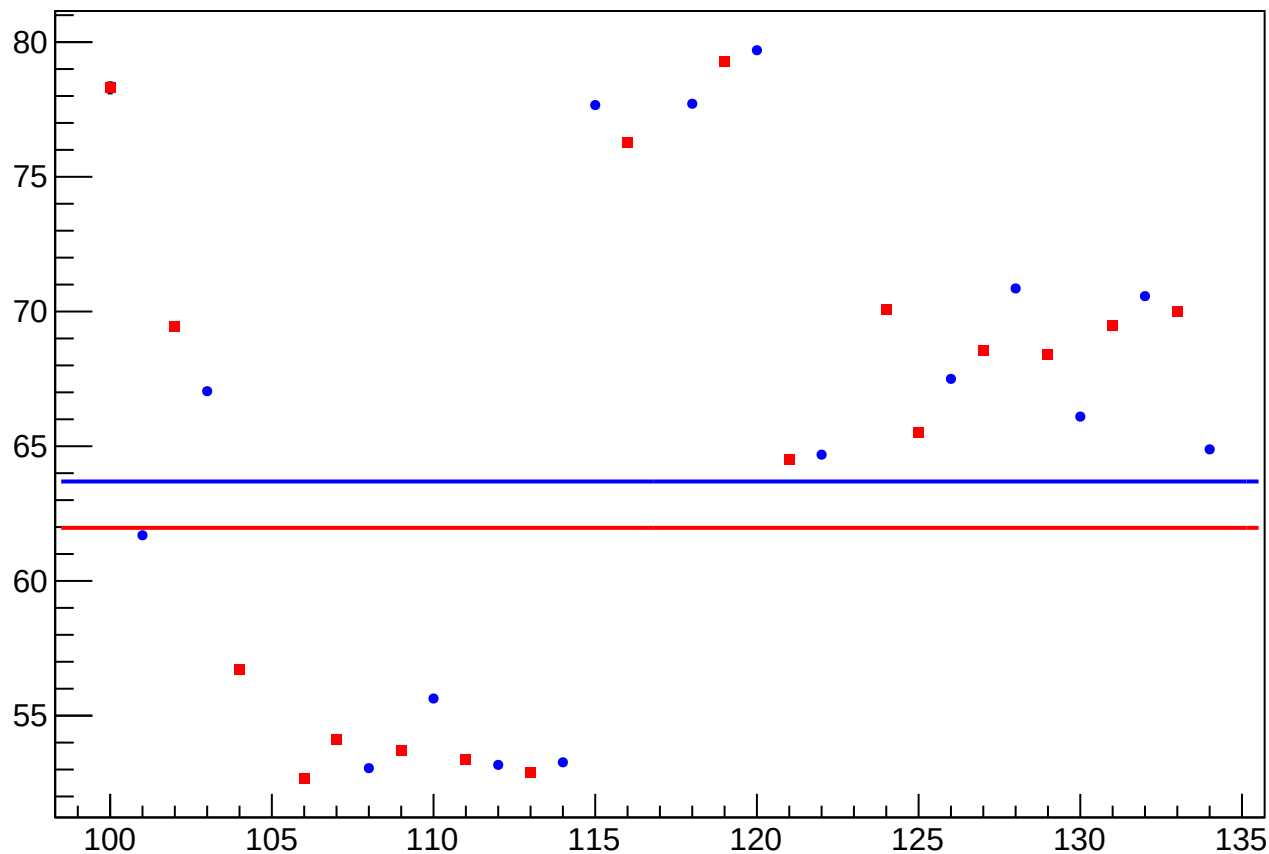
Right: 19.000 $\pm$ 17.527 χ^2 /NDF: 23.6/31

In: 55.670 $\pm$ 25.514 χ^2 /NDF:11.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.000 $\pm$ 17.527 χ^2 /NDF: 23.6/31

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.692+/-0.018 χ^2/NDF : 195447.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.971+/-0.017 χ^2/NDF : 254351.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

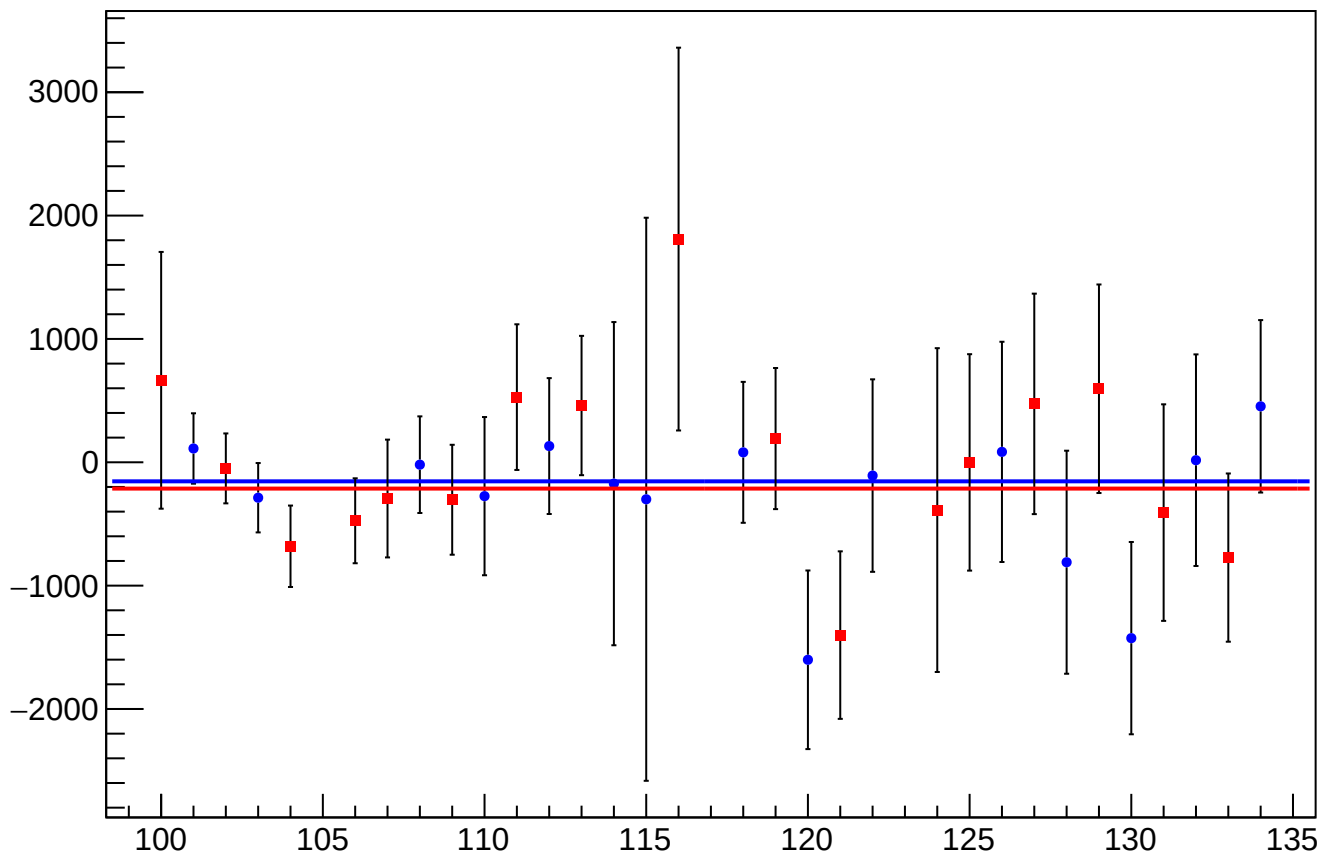
Right: 62.783+/-0.012 χ^2/NDF : 454603.7/31

In: 63.692+/-0.018 χ^2/NDF : 195447.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.783+/-0.012 χ^2/NDF : 454603.7/31

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -154.379 ± 138.542 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -213.263 ± 129.068 χ^2/NDF : 14.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

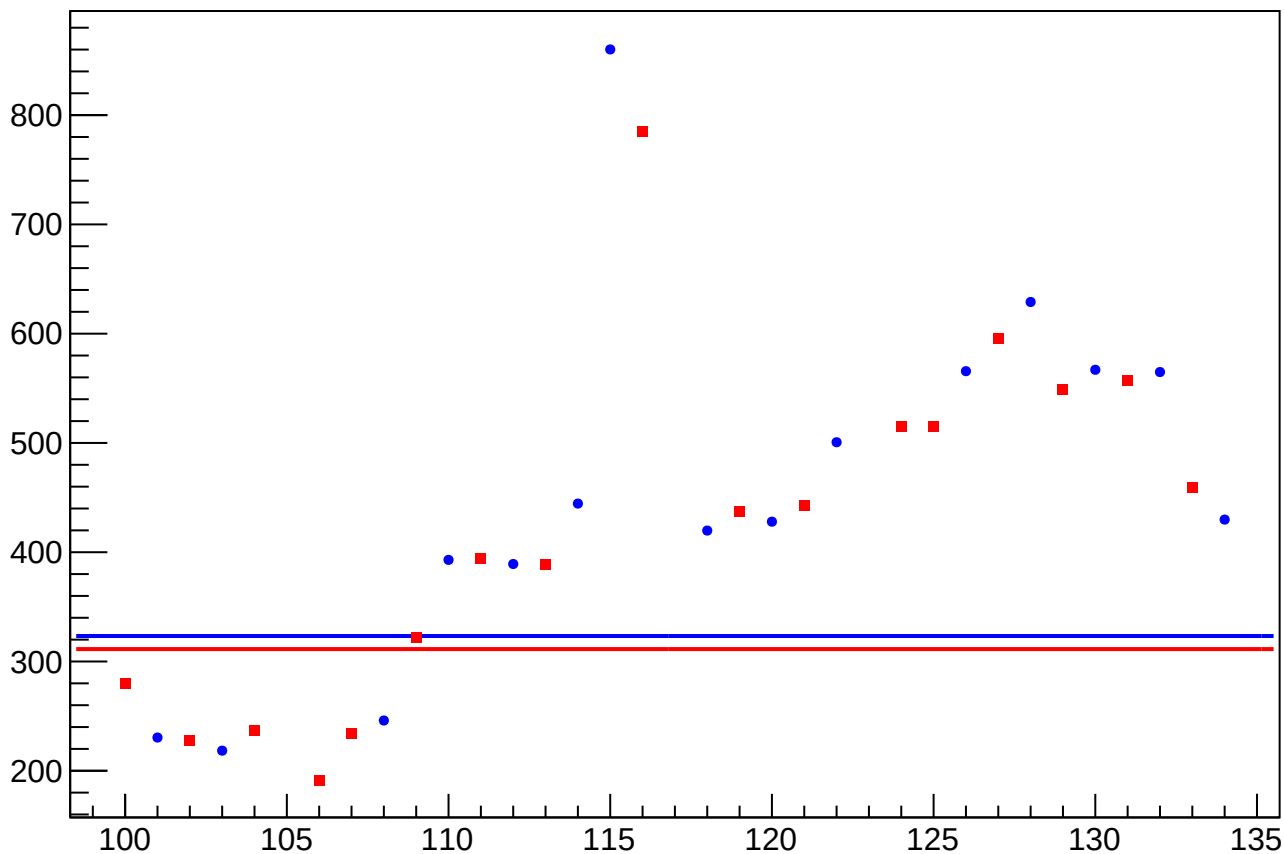
Right: -185.903 ± 94.437 χ^2/NDF : 24.1/31

In: -154.379 ± 138.542 χ^2/NDF : 9.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -185.903 ± 94.437 χ^2/NDF : 24.1/31

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 323.312+/-0.098 χ^2/NDF : 1727233.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.364+/-0.091 χ^2/NDF : 1778303.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

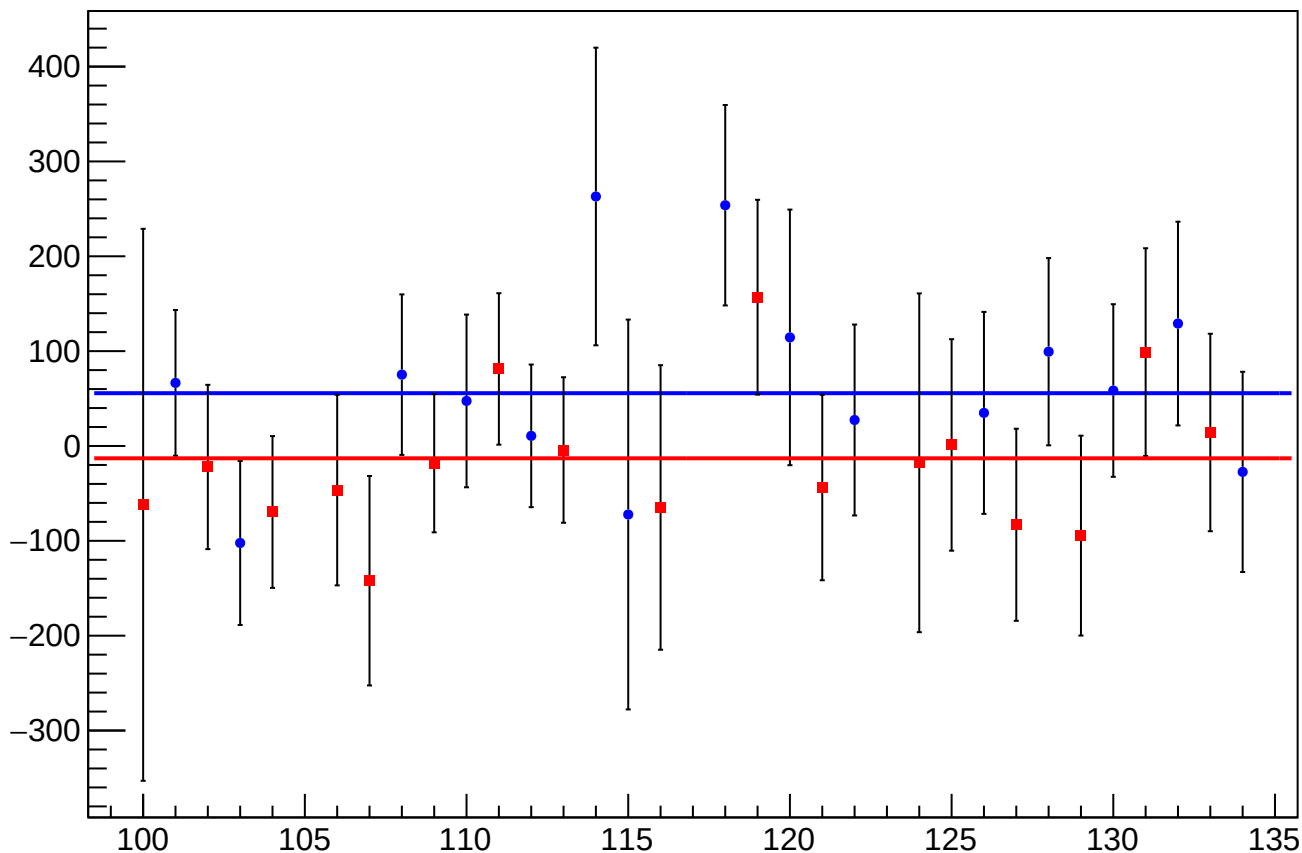
Right: 316.916+/-0.067 χ^2/NDF : 3513500.5/31

In: 323.312+/-0.098 χ^2/NDF : 1727233.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.916+/-0.067 χ^2/NDF : 3513500.5/31

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 55.664 $\pm$ 25.514 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.998 $\pm$ 24.139 χ^2 /NDF: 8.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

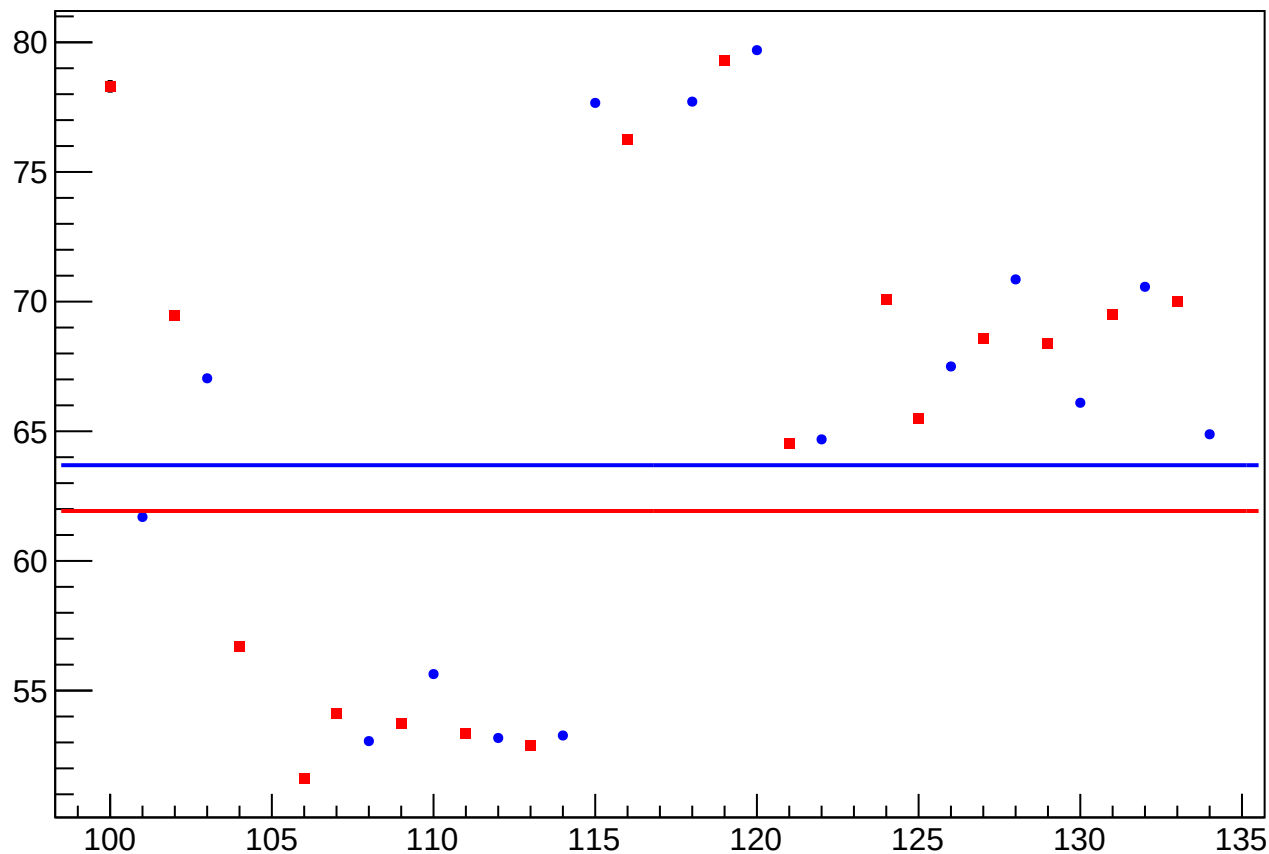
Right: 19.433 $\pm$ 17.535 χ^2 /NDF: 23.4/31

In: 55.664 $\pm$ 25.514 χ^2 /NDF: 11.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.433 $\pm$ 17.535 χ^2 /NDF: 23.4/31

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.692+/-0.018 χ^2/NDF : 195447.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.926+/-0.017 χ^2/NDF : 258063.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

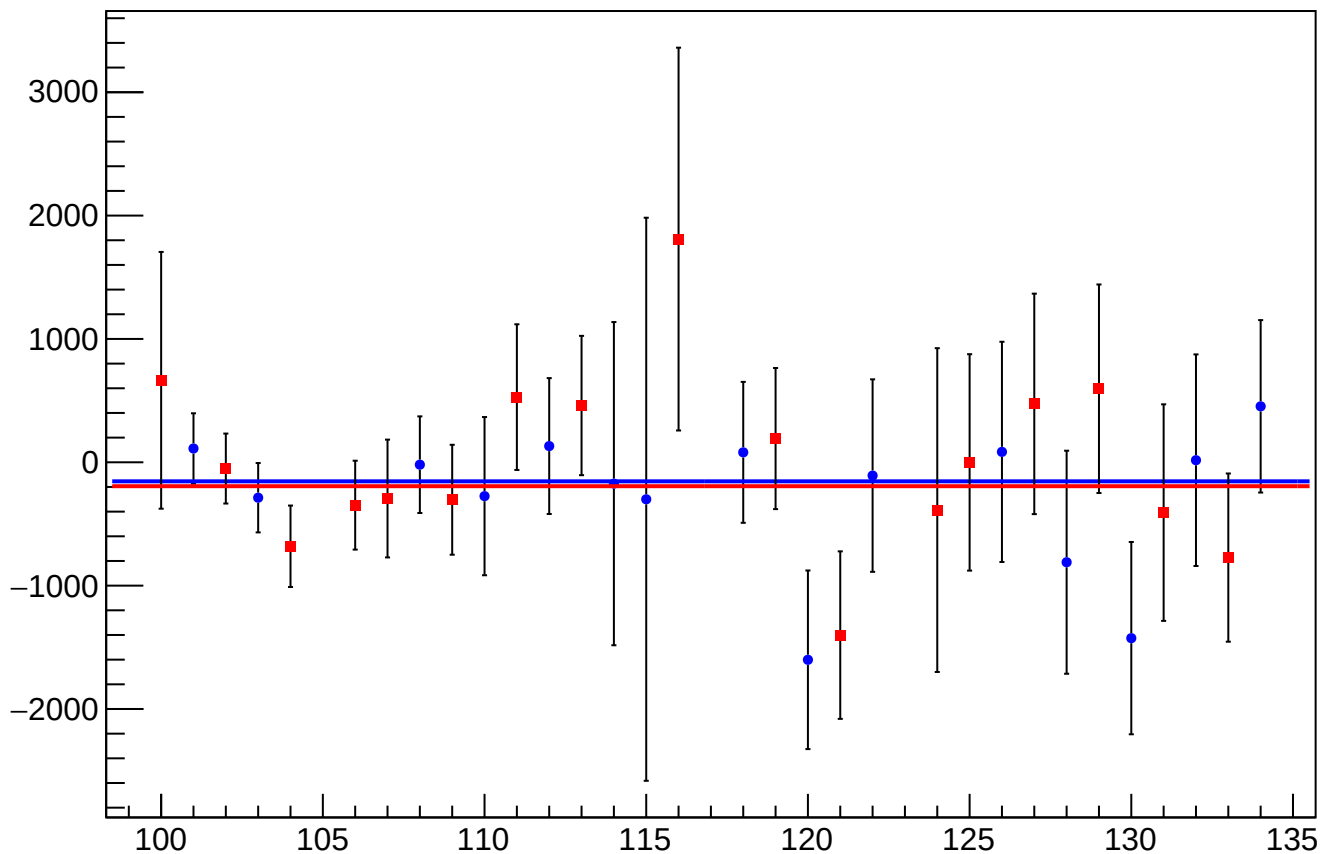
Right: 62.760+/-0.012 χ^2/NDF : 458565.7/31

In: 63.692+/-0.018 χ^2/NDF : 195447.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.760+/-0.012 χ^2/NDF : 458565.7/31

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -154.363+/-138.543 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -193.880+/-129.882 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

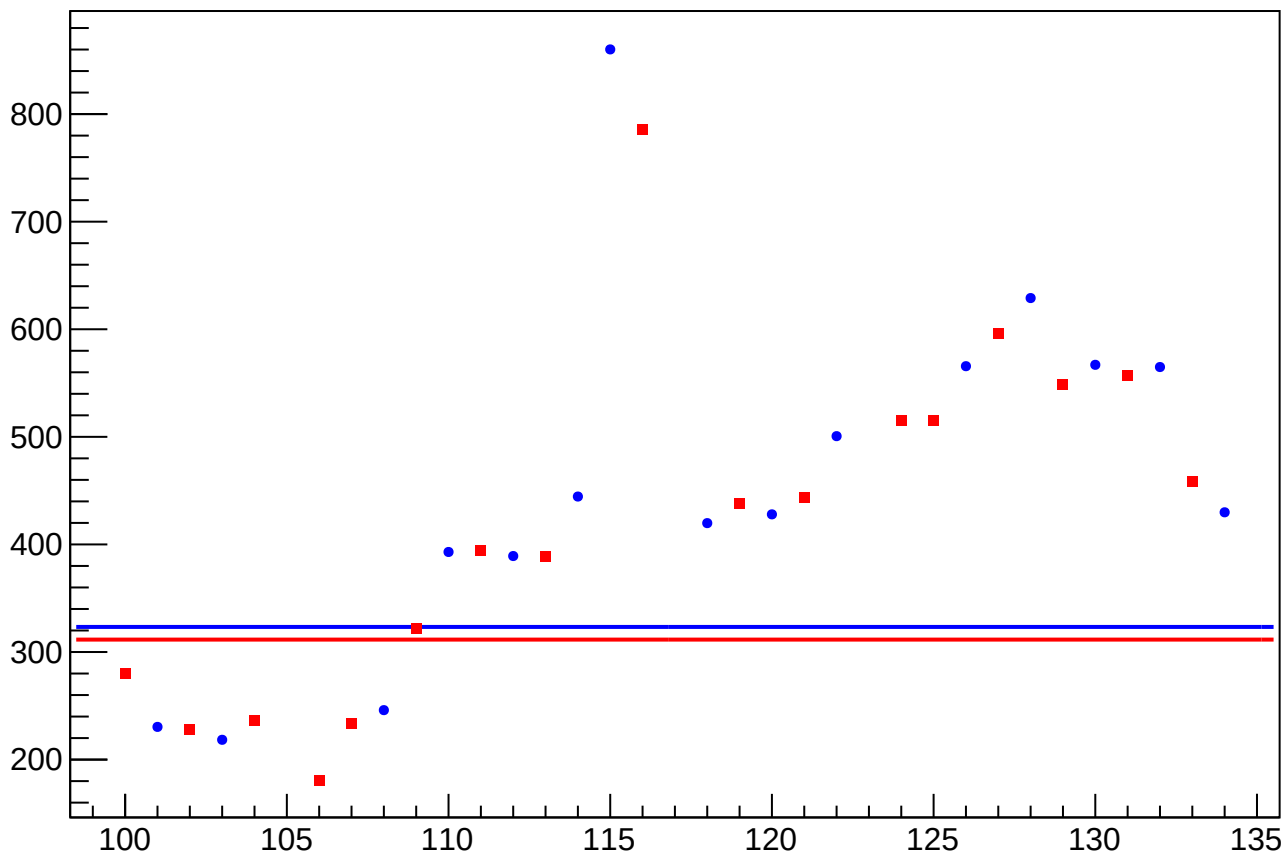
Right: -175.395+/-94.754 χ^2/NDF : 23.6/31

In: -154.363+/-138.543 χ^2/NDF : 9.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.395+/-94.754 χ^2/NDF : 23.6/31

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 323.315+/-0.098 χ^2/NDF : 1727175.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.544+/-0.092 χ^2/NDF : 1796842.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

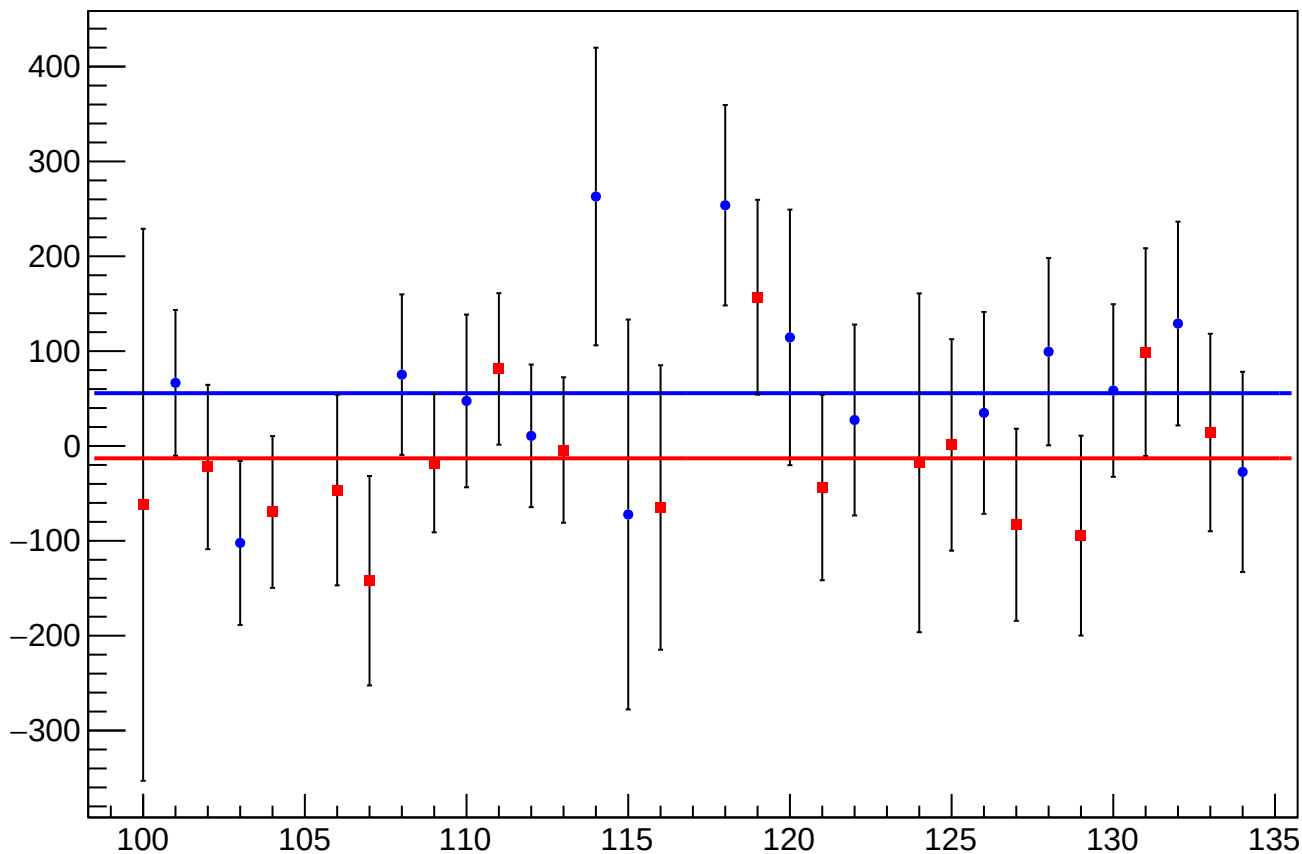
Right: 317.050+/-0.067 χ^2/NDF : 3531702.3/31

In: 323.315+/-0.098 χ^2/NDF : 1727175.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.050+/-0.067 χ^2/NDF : 3531702.3/31

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 55.664 $\pm$ 25.514 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.998 $\pm$ 24.139 χ^2 /NDF: 8.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

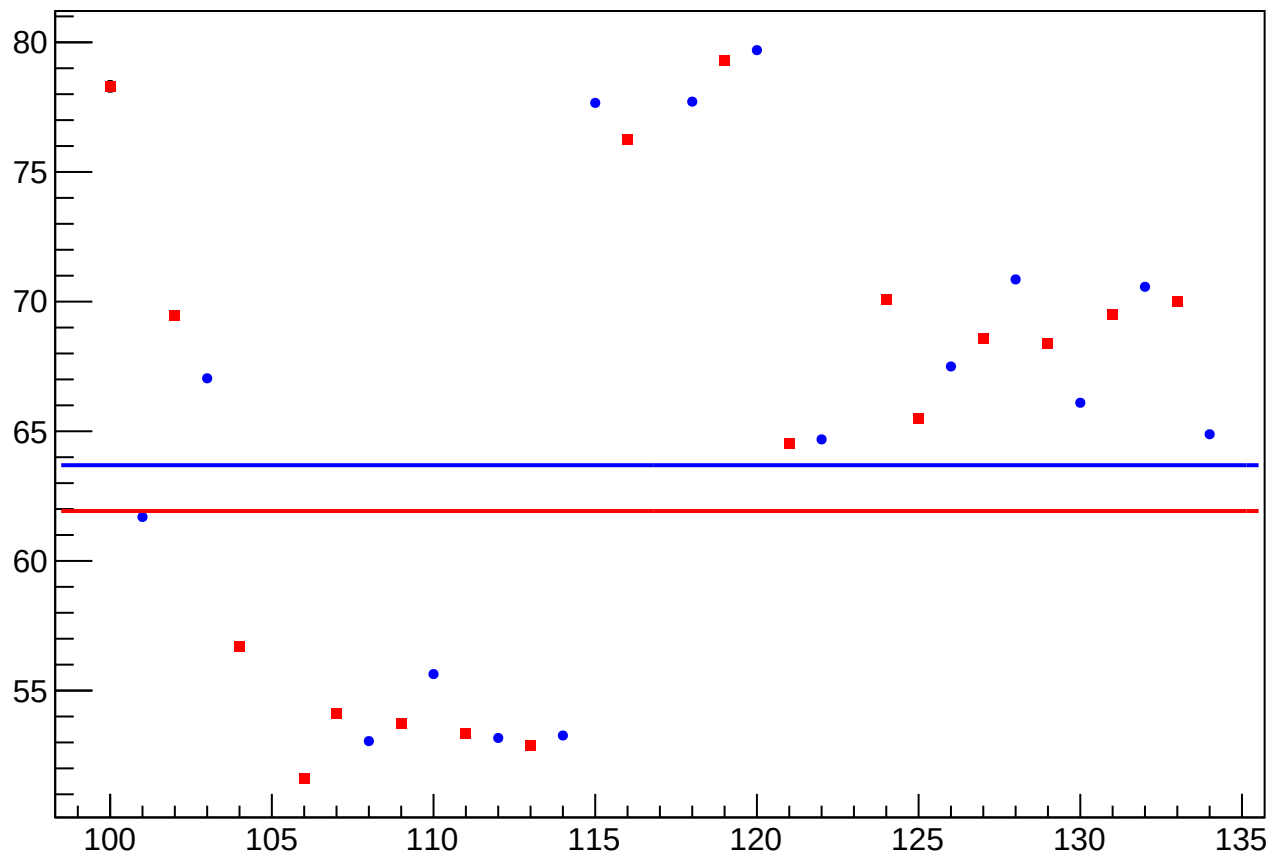
Right: 19.433 $\pm$ 17.535 χ^2 /NDF: 23.4/31

In: 55.664 $\pm$ 25.514 χ^2 /NDF:11.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.433 $\pm$ 17.535 χ^2 /NDF: 23.4/31

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.692+/-0.018 χ^2/NDF : 195447.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.926+/-0.017 χ^2/NDF : 258063.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

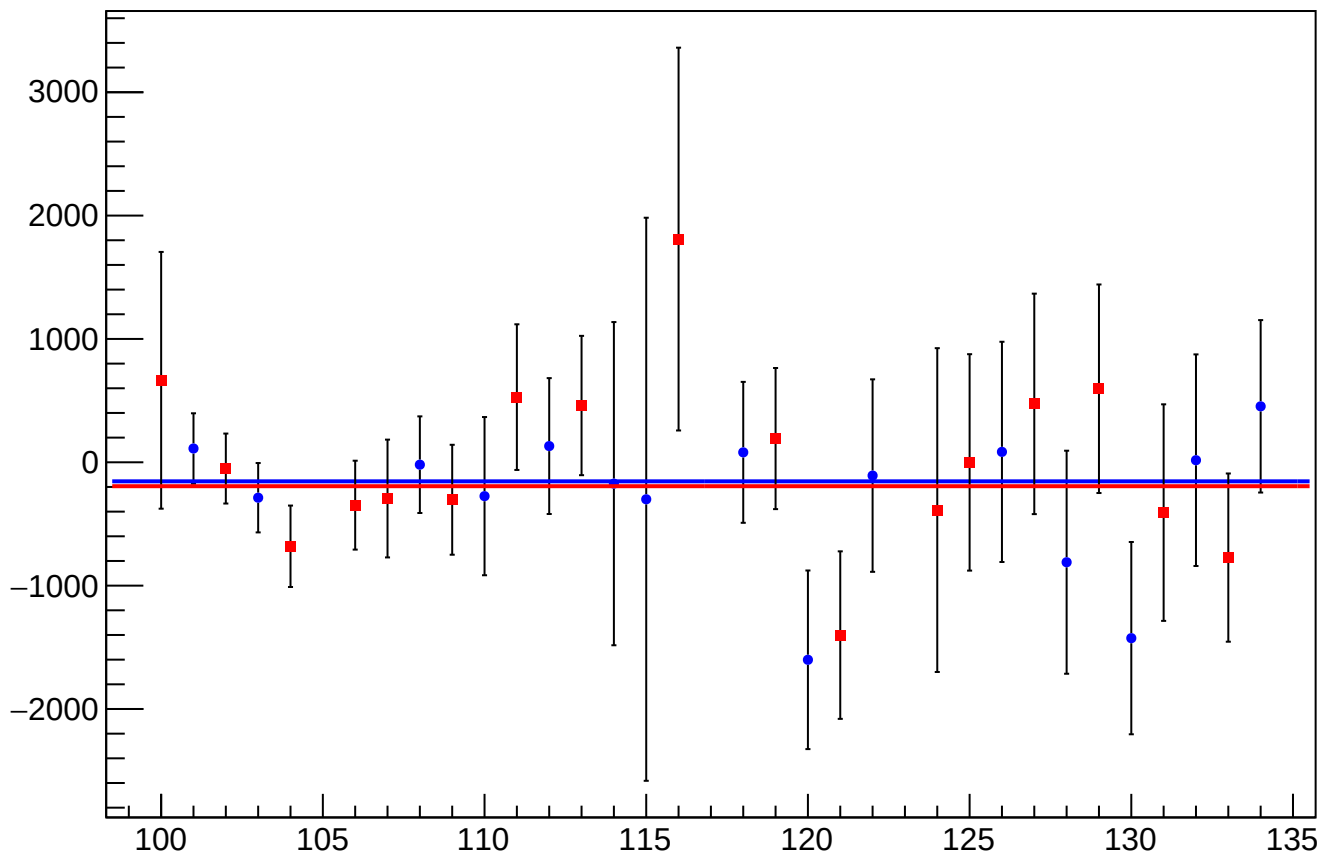
Right: 62.760+/-0.012 χ^2/NDF : 458565.7/31

In: 63.692+/-0.018 χ^2/NDF : 195447.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.760+/-0.012 χ^2/NDF : 458565.7/31

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -154.363+/-138.543 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -193.880+/-129.882 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

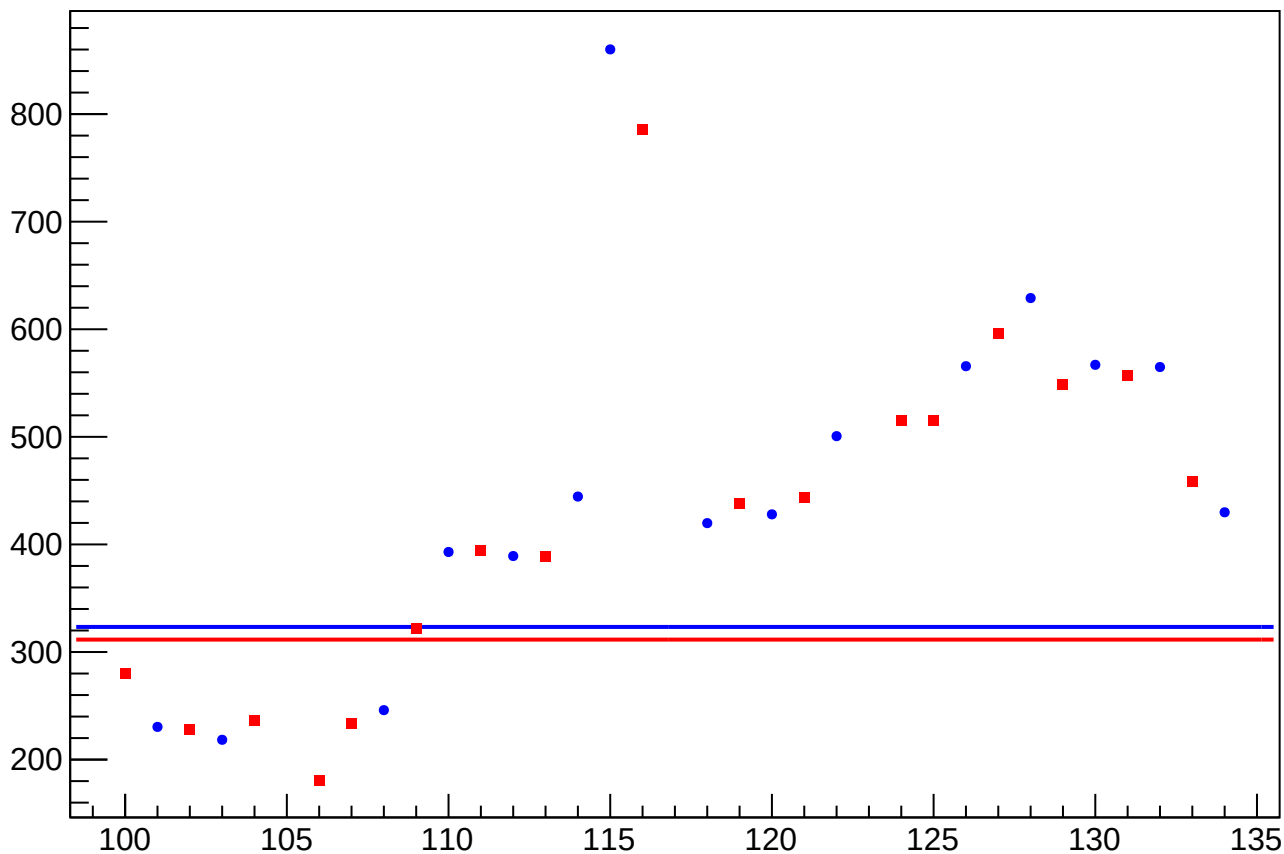
Right: -175.395+/-94.754 χ^2/NDF : 23.6/31

In: -154.363+/-138.543 χ^2/NDF : 9.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.395+/-94.754 χ^2/NDF : 23.6/31

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 323.315+/-0.098 χ^2/NDF : 1727175.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.544+/-0.092 χ^2/NDF : 1796842.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

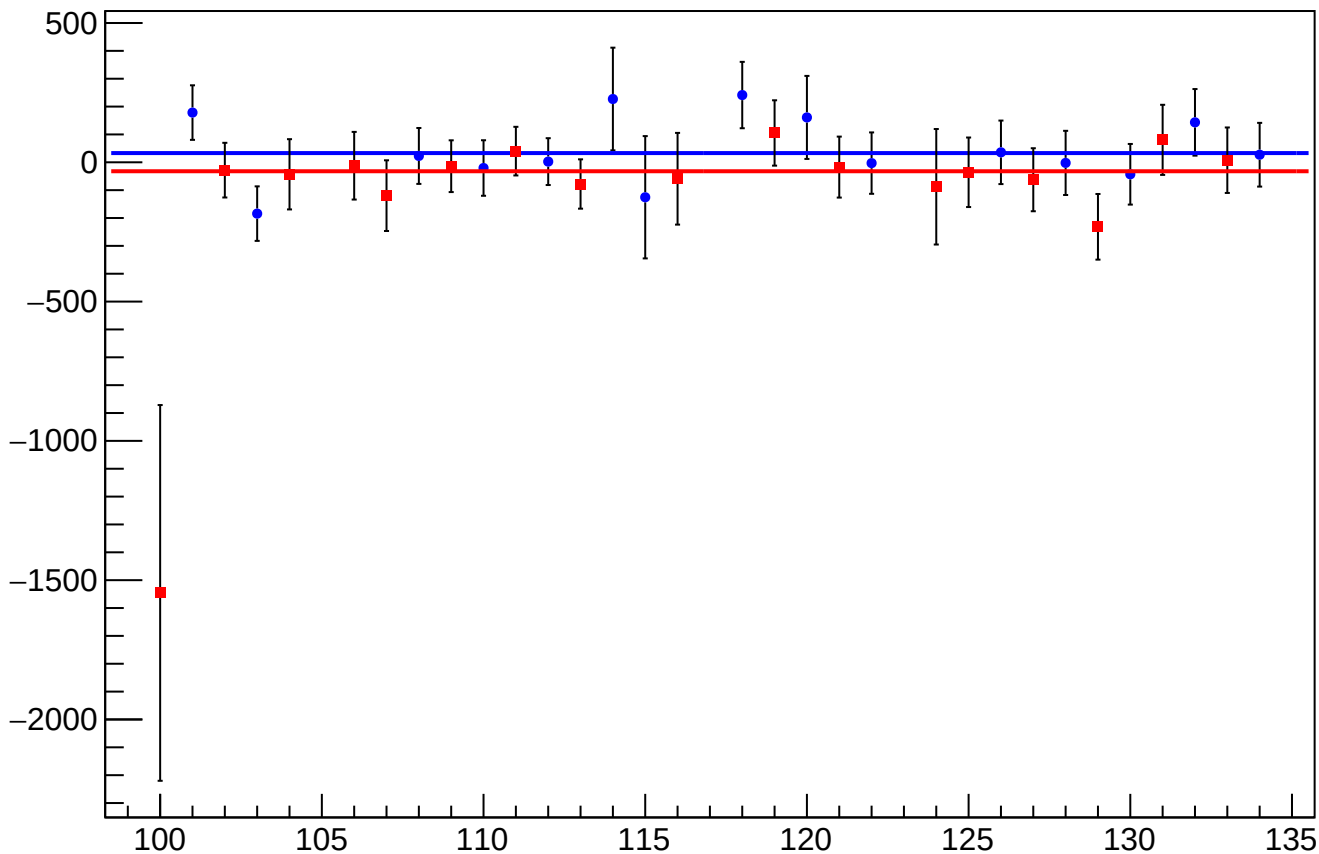
Right: 317.050+/-0.067 χ^2/NDF : 3531702.3/31

In: 323.315+/-0.098 χ^2/NDF : 1727175.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.050+/-0.067 χ^2/NDF : 3531702.3/31

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.092 $\pm$ 29.092 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.152 $\pm$ 28.400 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

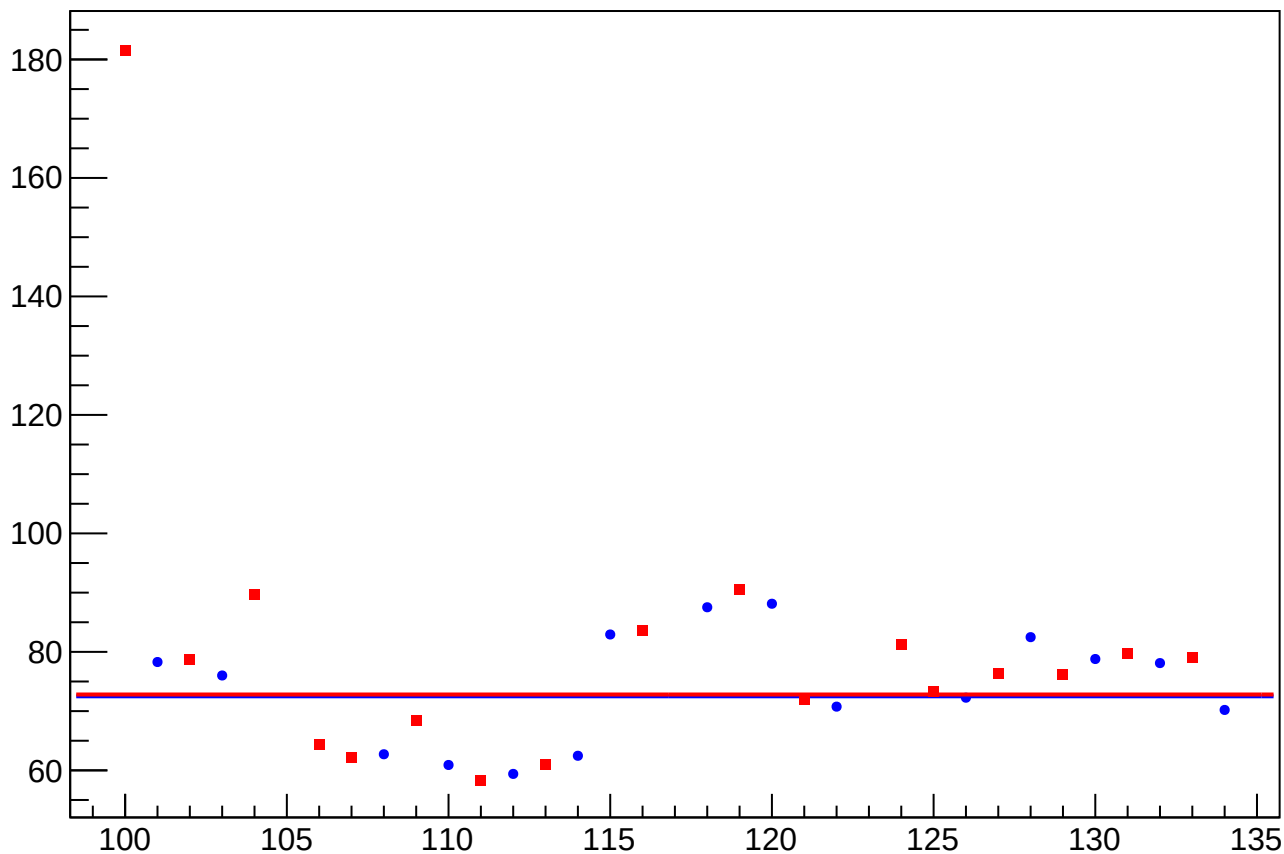
Right: -0.316 $\pm$ 20.322 χ^2 /NDF: 29.0/31

In: 33.092 $\pm$ 29.092 χ^2 /NDF:14.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.316 $\pm$ 20.322 χ^2 /NDF: 29.0/31

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.502 $\pm$ 0.021 χ^2 /NDF: 195909.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.805 $\pm$ 0.020 χ^2 /NDF: 287310.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

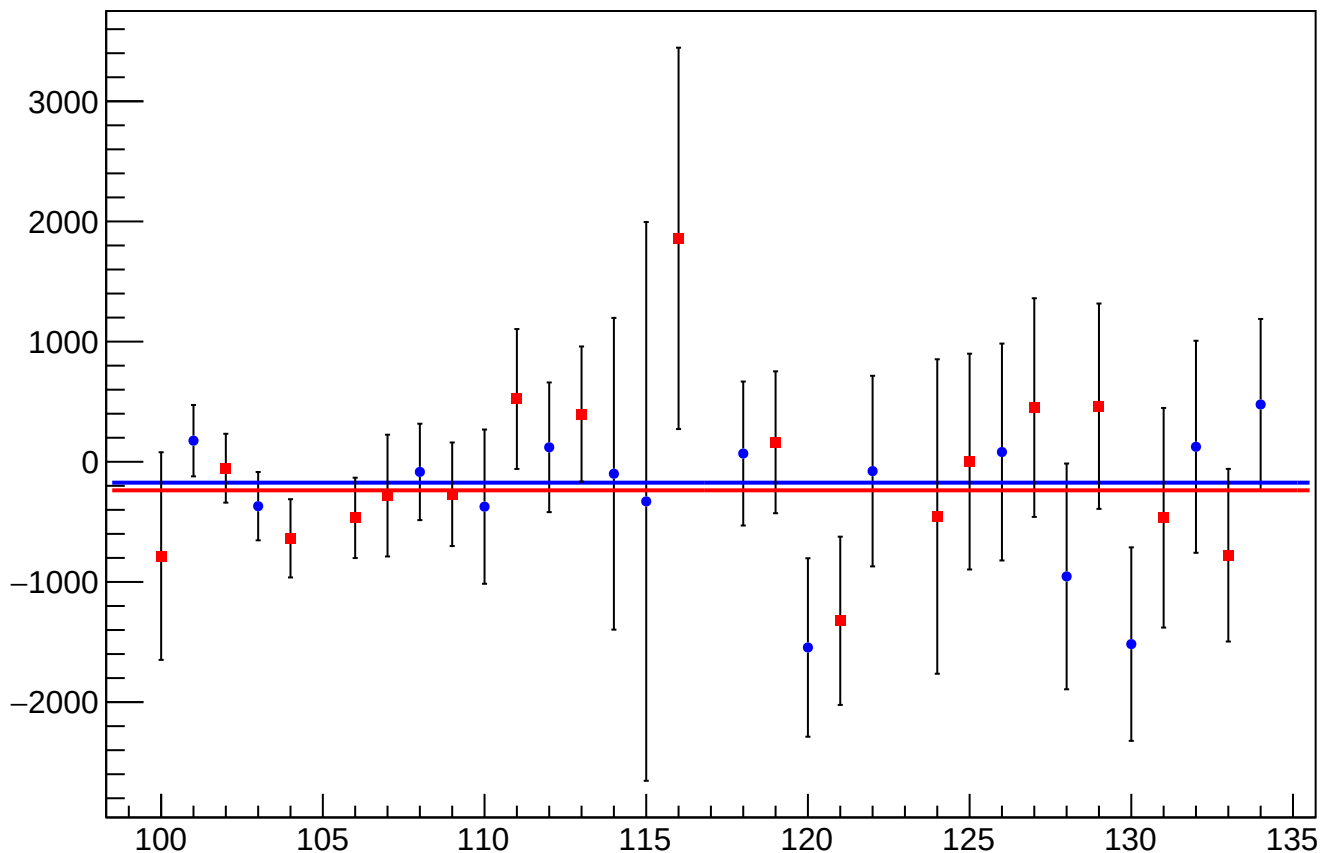
Right: 72.657 $\pm$ 0.014 χ^2 /NDF: 483331.1/31

In: 72.502 $\pm$ 0.021 χ^2 /NDF:195909.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.657 $\pm$ 0.014 χ^2 /NDF: 483331.1/31

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -173.704 ± 141.553 χ^2/NDF : 10.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -237.542 ± 128.954 χ^2/NDF : 12.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

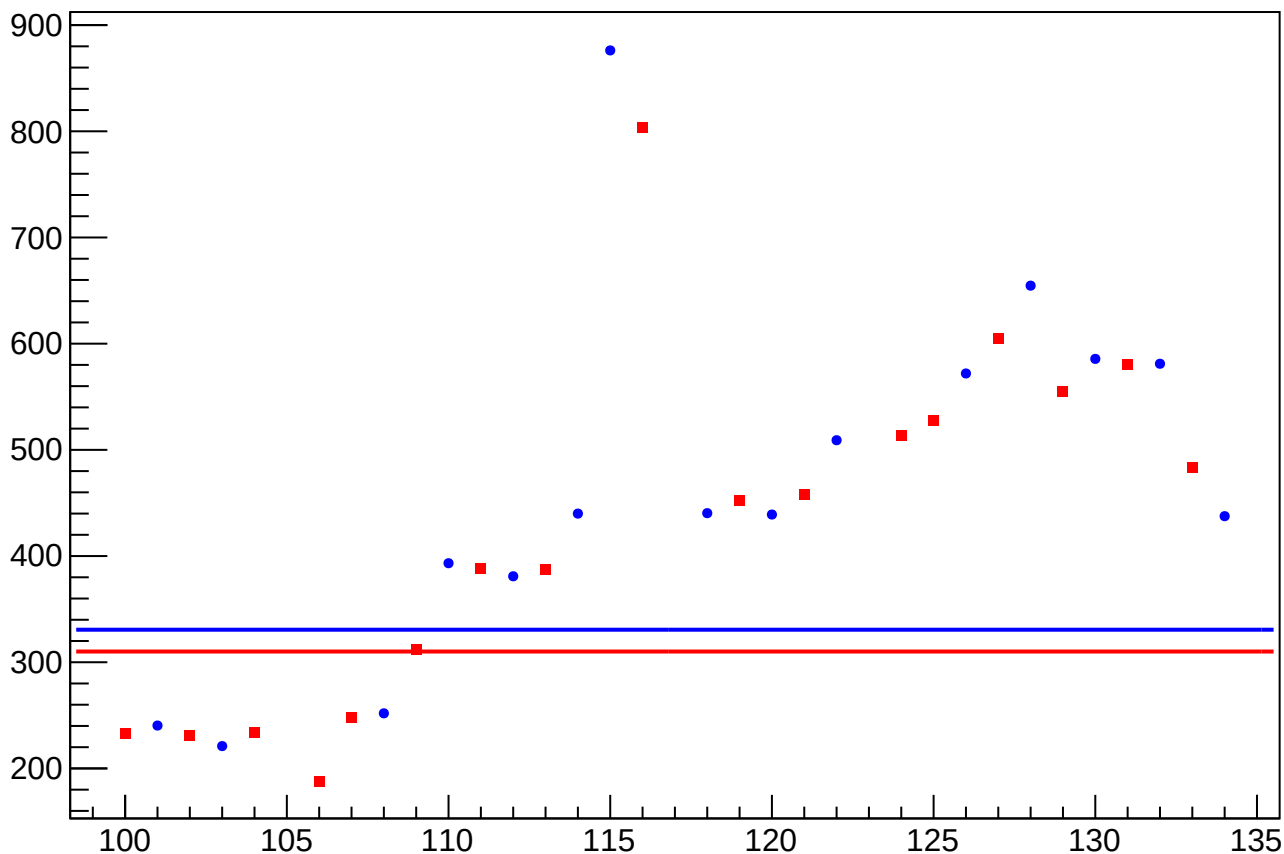
Right: -208.590 ± 95.328 χ^2/NDF : 22.9/31

In: -173.704 ± 141.553 χ^2/NDF : 10.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -208.590 ± 95.328 χ^2/NDF : 22.9/31

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 330.628+/-0.100 χ^2/NDF : 1718460.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.096+/-0.091 χ^2/NDF : 1882194.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

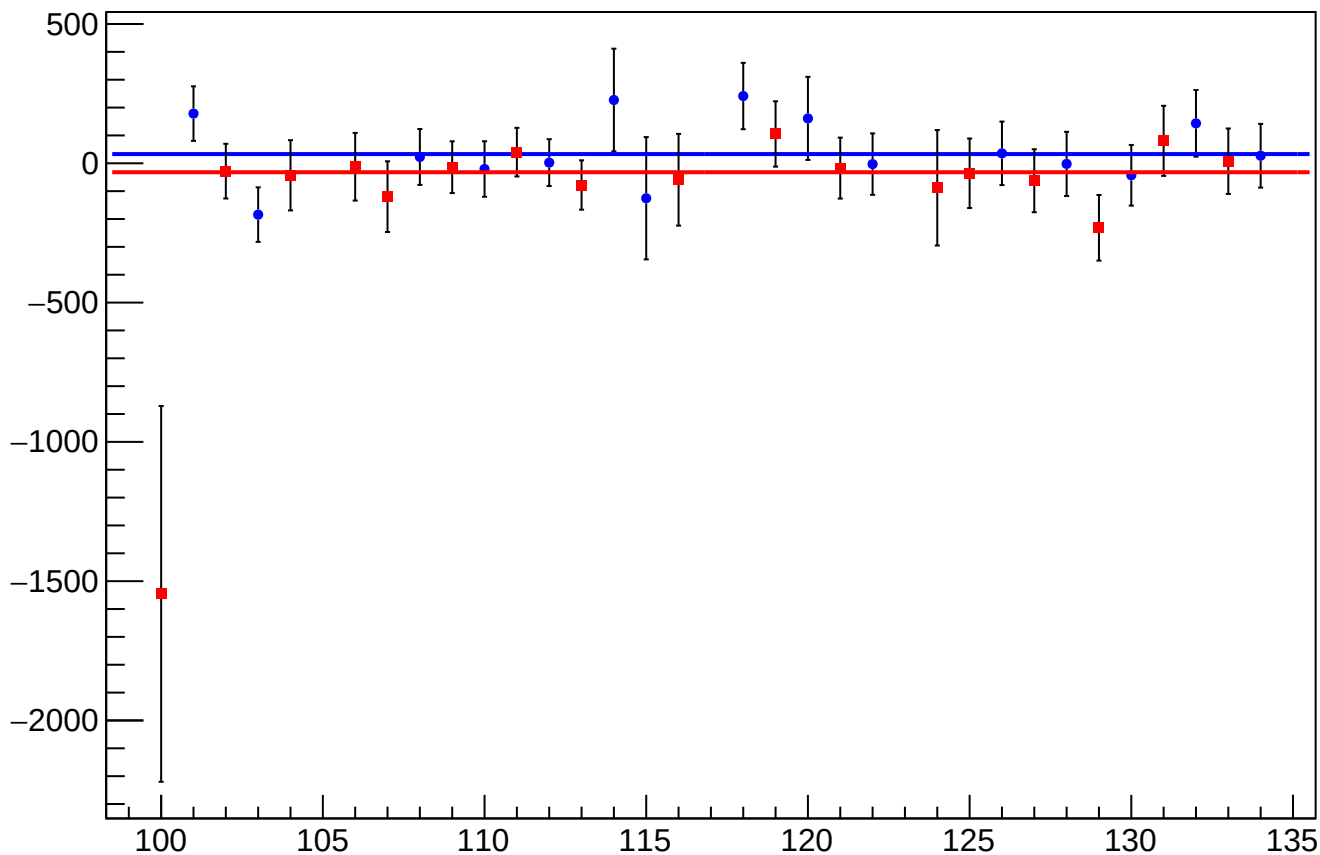
Right: 319.407+/-0.067 χ^2/NDF : 3623649.8/31

In: 330.628+/-0.100 χ^2/NDF : 1718460.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.407+/-0.067 χ^2/NDF : 3623649.8/31

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.092 $\pm$ 29.092 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.152 $\pm$ 28.400 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

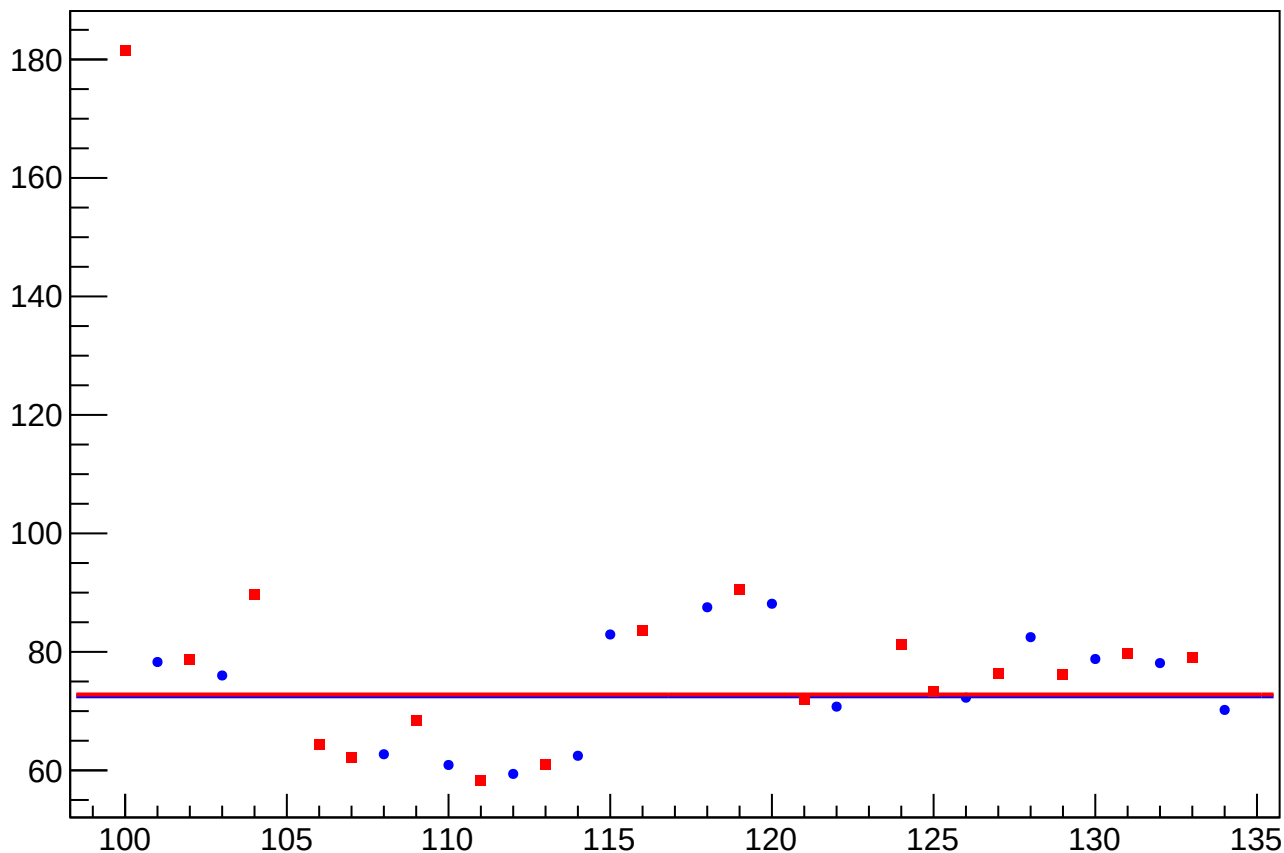
Right: -0.316 $\pm$ 20.322 χ^2 /NDF: 29.0/31

In: 33.092 $\pm$ 29.092 χ^2 /NDF:14.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.316 $\pm$ 20.322 χ^2 /NDF: 29.0/31

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.502 $\pm$ 0.021 χ^2 /NDF: 195907.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.805 $\pm$ 0.020 χ^2 /NDF: 287313.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

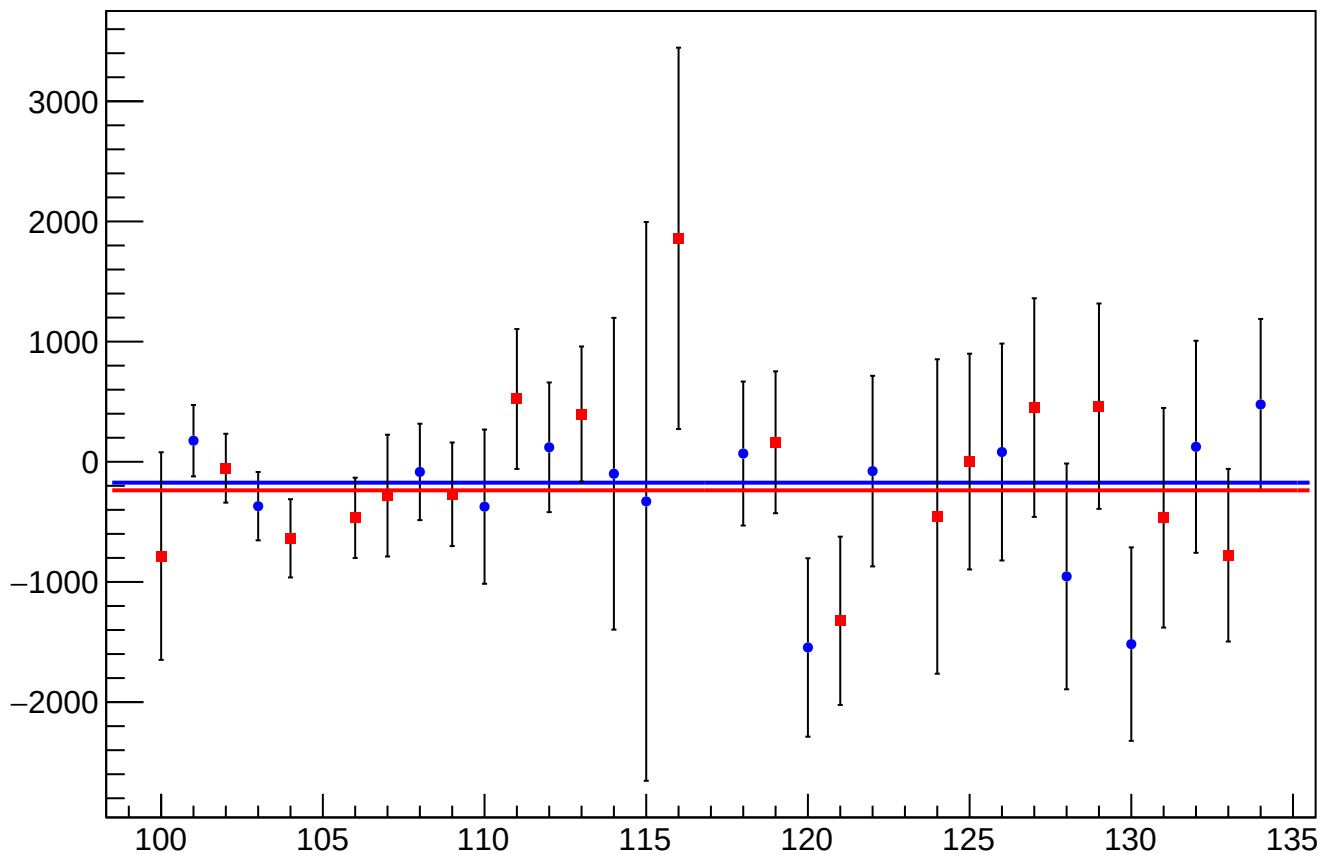
Right: 72.657 $\pm$ 0.014 χ^2 /NDF: 483332.9/31

In: 72.502 $\pm$ 0.021 χ^2 /NDF:195907.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.657 $\pm$ 0.014 χ^2 /NDF: 483332.9/31

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -173.705+/-141.553 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.542+/-128.954 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

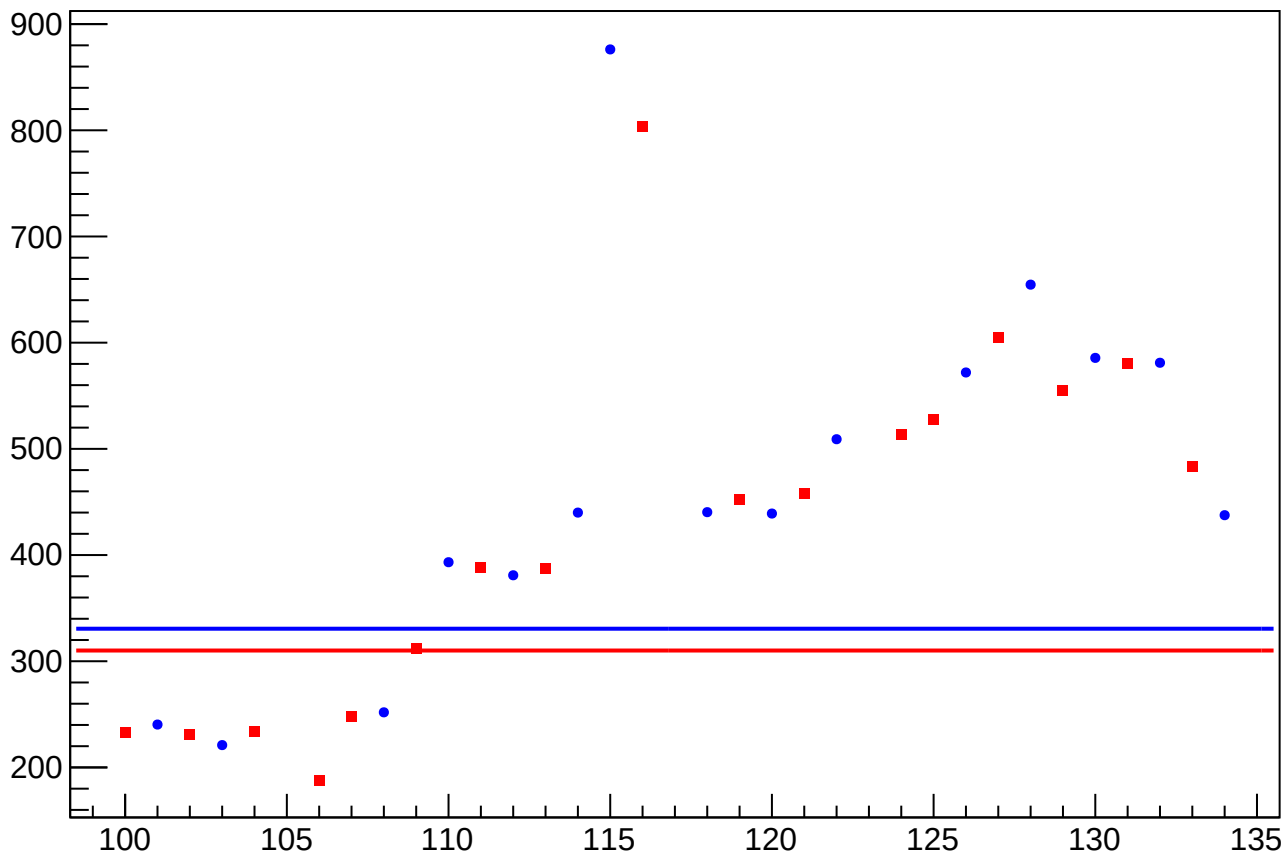
Right: -208.590+/-95.328 χ^2/NDF : 22.9/31

In: -173.705+/-141.553 χ^2/NDF : 10.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.590+/-95.328 χ^2/NDF : 22.9/31

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 330.628+/-0.100 χ^2/NDF : 1718459.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.096+/-0.091 χ^2/NDF : 1882193.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

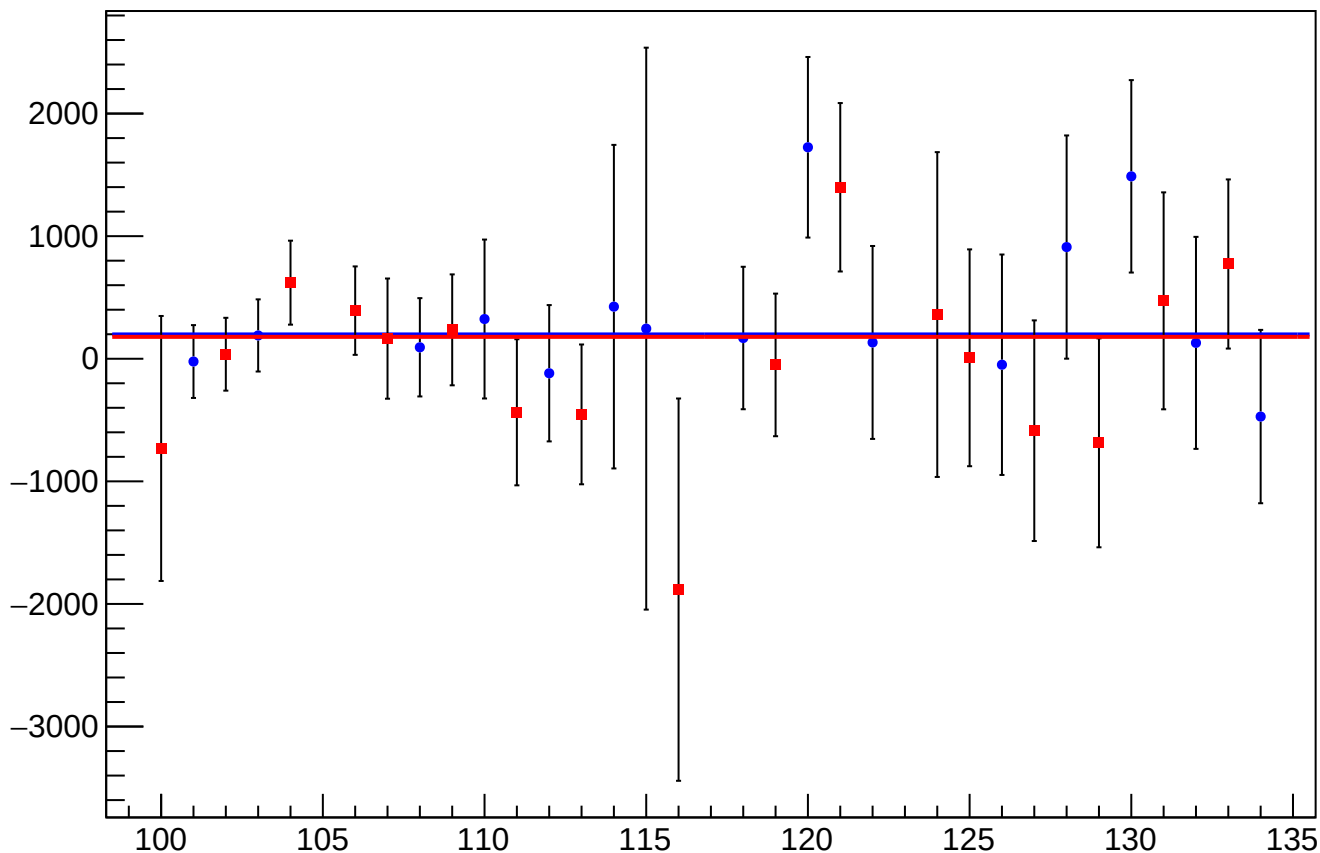
Right: 319.408+/-0.067 χ^2/NDF : 3623648.5/31

In: 330.628+/-0.100 χ^2/NDF : 1718459.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.408+/-0.067 χ^2/NDF : 3623648.5/31

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 198.389 $\pm$ 142.424 χ^2 /NDF: 9.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 178.673 $\pm$ 132.849 χ^2 /NDF: 13.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

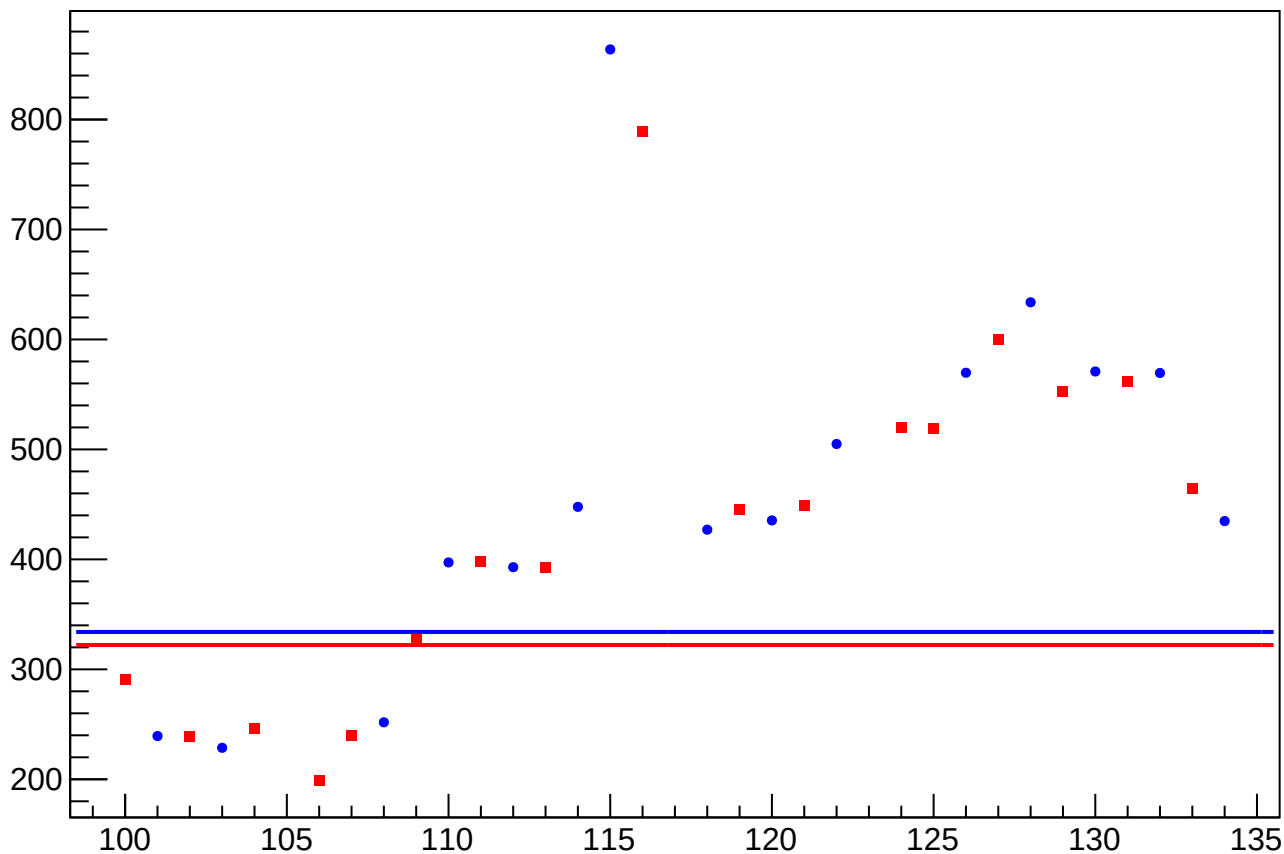
Right: 187.846 $\pm$ 97.147 χ^2 /NDF: 22.6/31

In: 198.389 $\pm$ 142.424 χ^2 /NDF:9.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 187.846 $\pm$ 97.147 χ^2 /NDF: 22.6/31

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 334.004+/-0.101 χ^2/NDF : 1615623.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 322.121+/-0.094 χ^2/NDF : 1659705.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

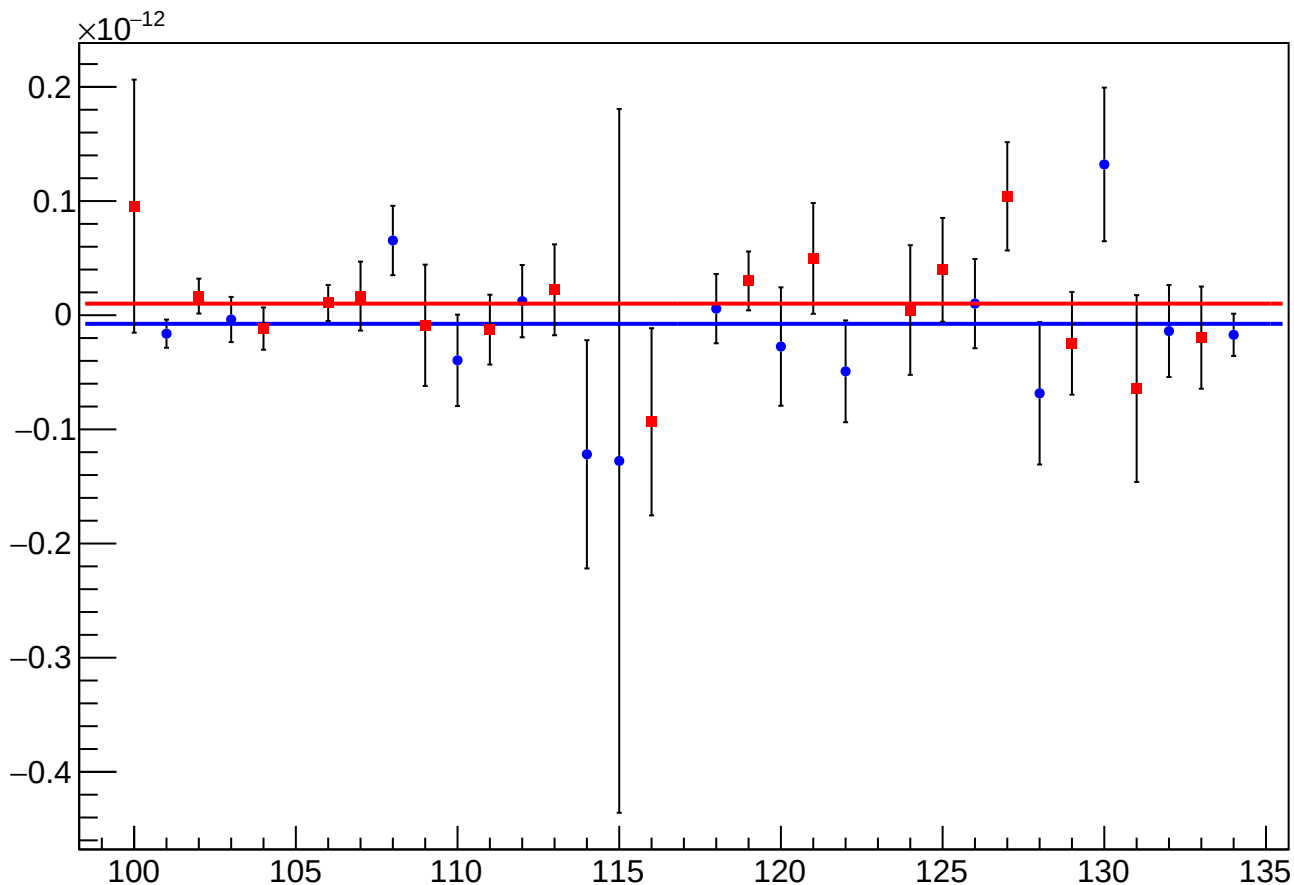
Right: 327.650+/-0.069 χ^2/NDF : 3282774.5/31

In: 334.004+/-0.101 χ^2/NDF :1615623.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 327.650+/-0.069 χ^2/NDF : 3282774.5/31

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.1/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

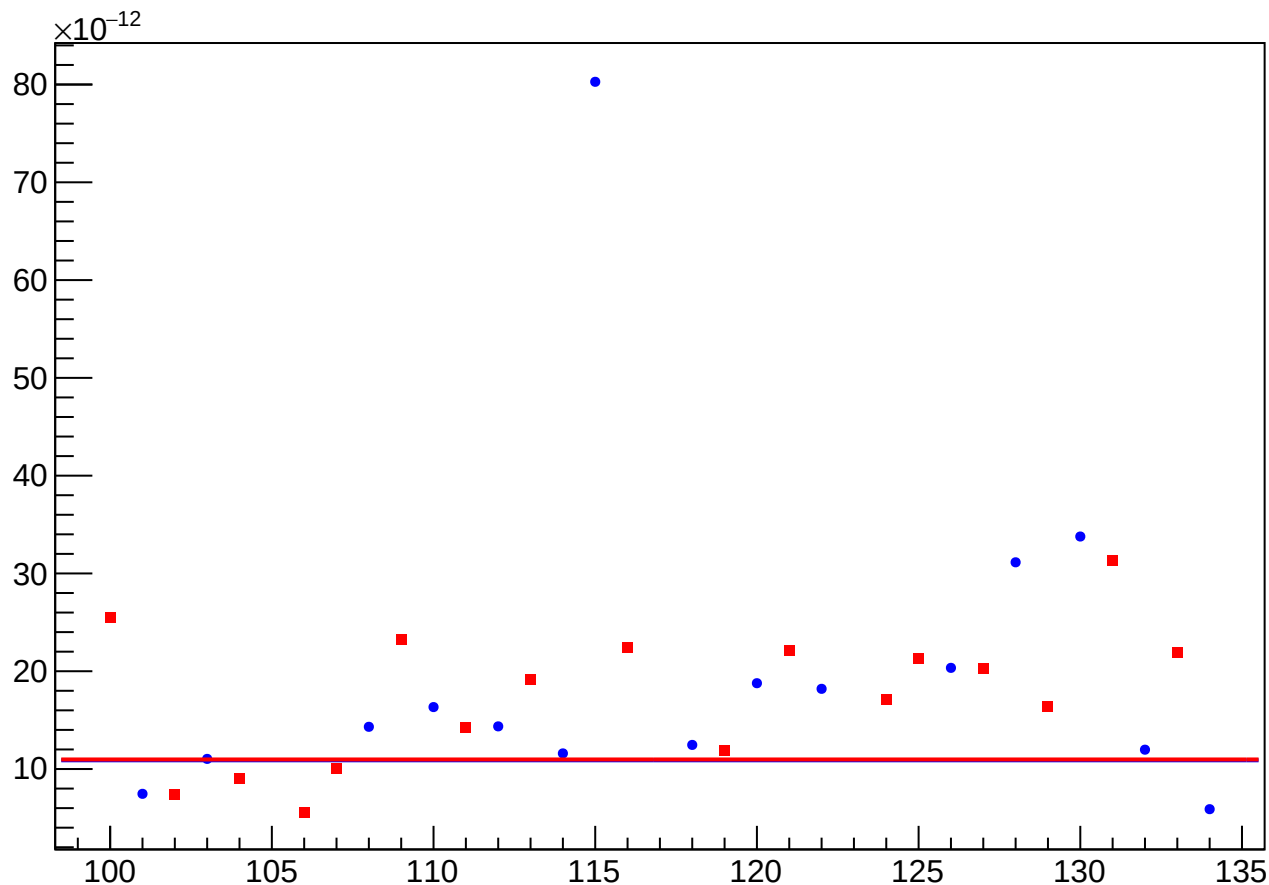
Right: 0.000+/-0.000 χ^2 /NDF: 30.8/31

In: -0.000+/-0.000 χ^2 /NDF:15.8/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 30.8/31

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1154496.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1244878.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

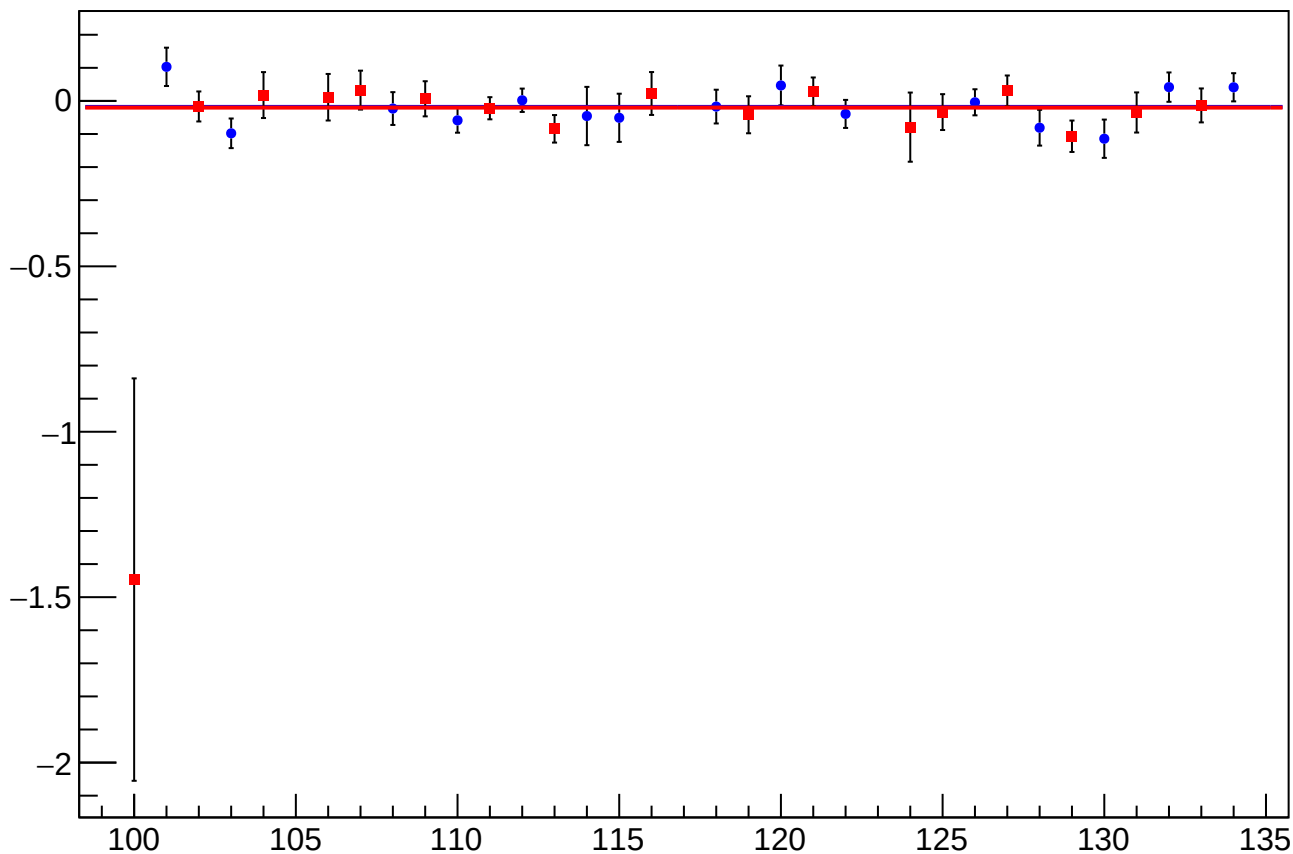
Right: 0.000+/-0.000 χ^2/NDF : 2399513.1/31

In: 0.000+/-0.000 χ^2/NDF : 1154496.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2399513.1/31

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.013 χ^2/NDF : 16.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

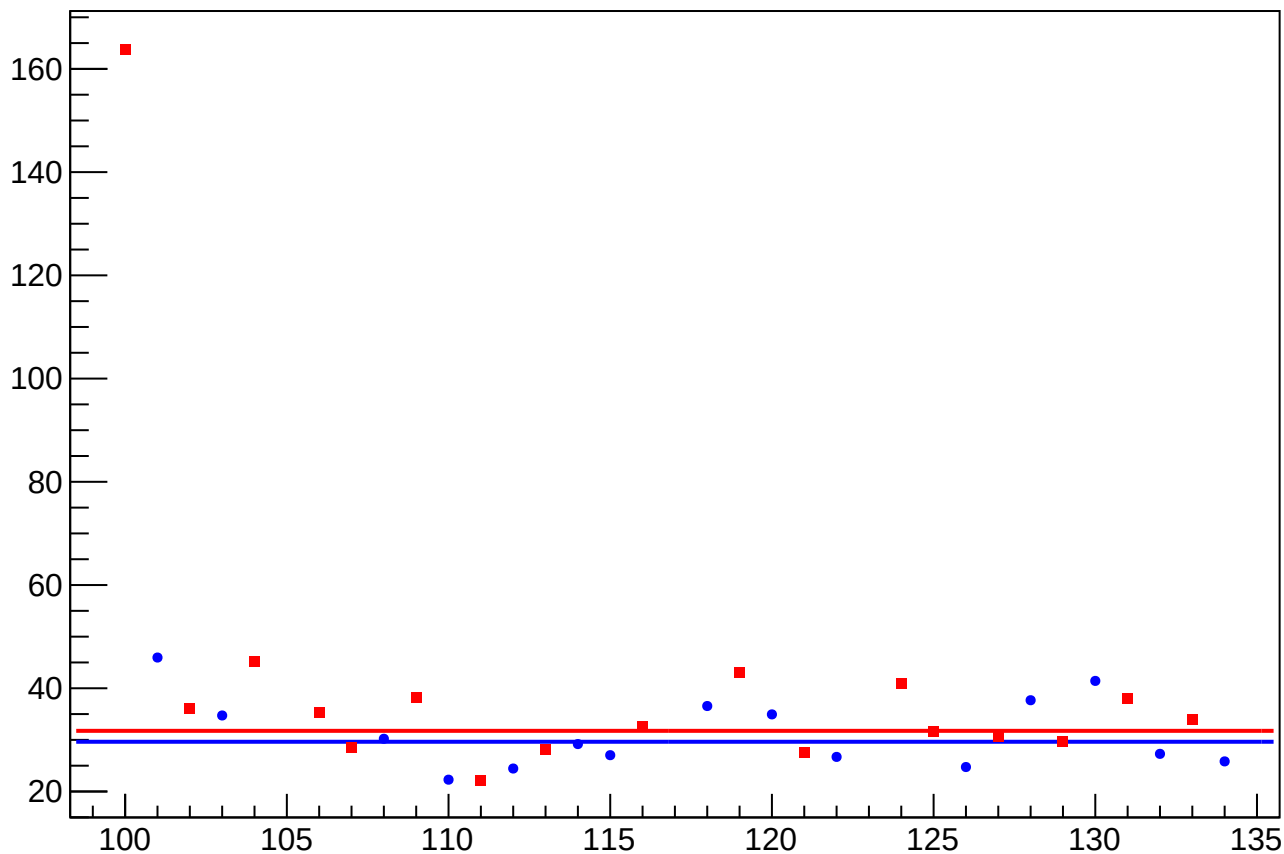
Right: -0.019 ± 0.009 χ^2/NDF : 35.0/31

In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.009 χ^2/NDF : 35.0/31

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.637 $\pm$ 0.009 χ^2 /NDF: 549389.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.752 $\pm$ 0.009 χ^2 /NDF: 555139.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

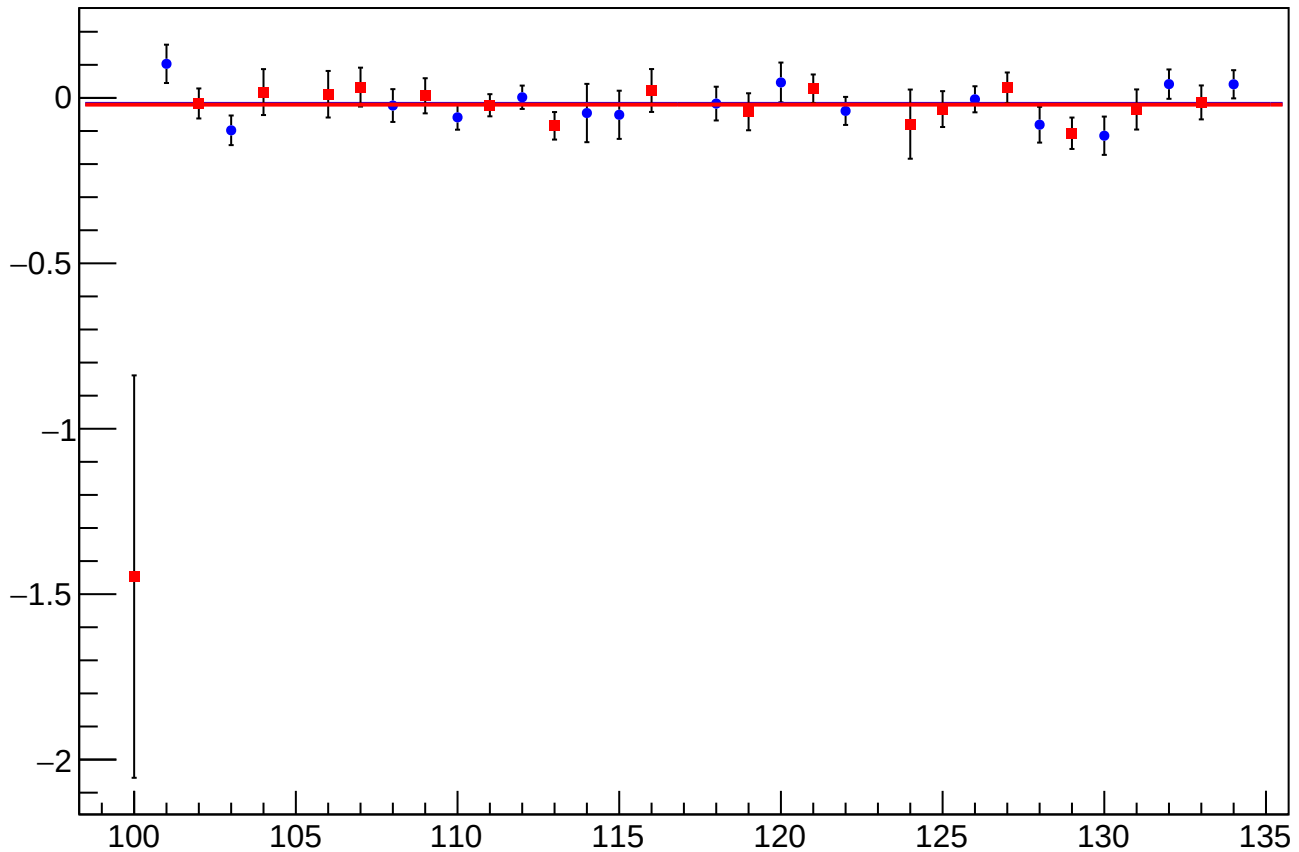
Right: 30.652 $\pm$ 0.006 χ^2 /NDF: 1132872.4/31

In: 29.637 $\pm$ 0.009 χ^2 /NDF:549389.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.652 $\pm$ 0.006 χ^2 /NDF: 1132872.4/31

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.013 χ^2/NDF : 16.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

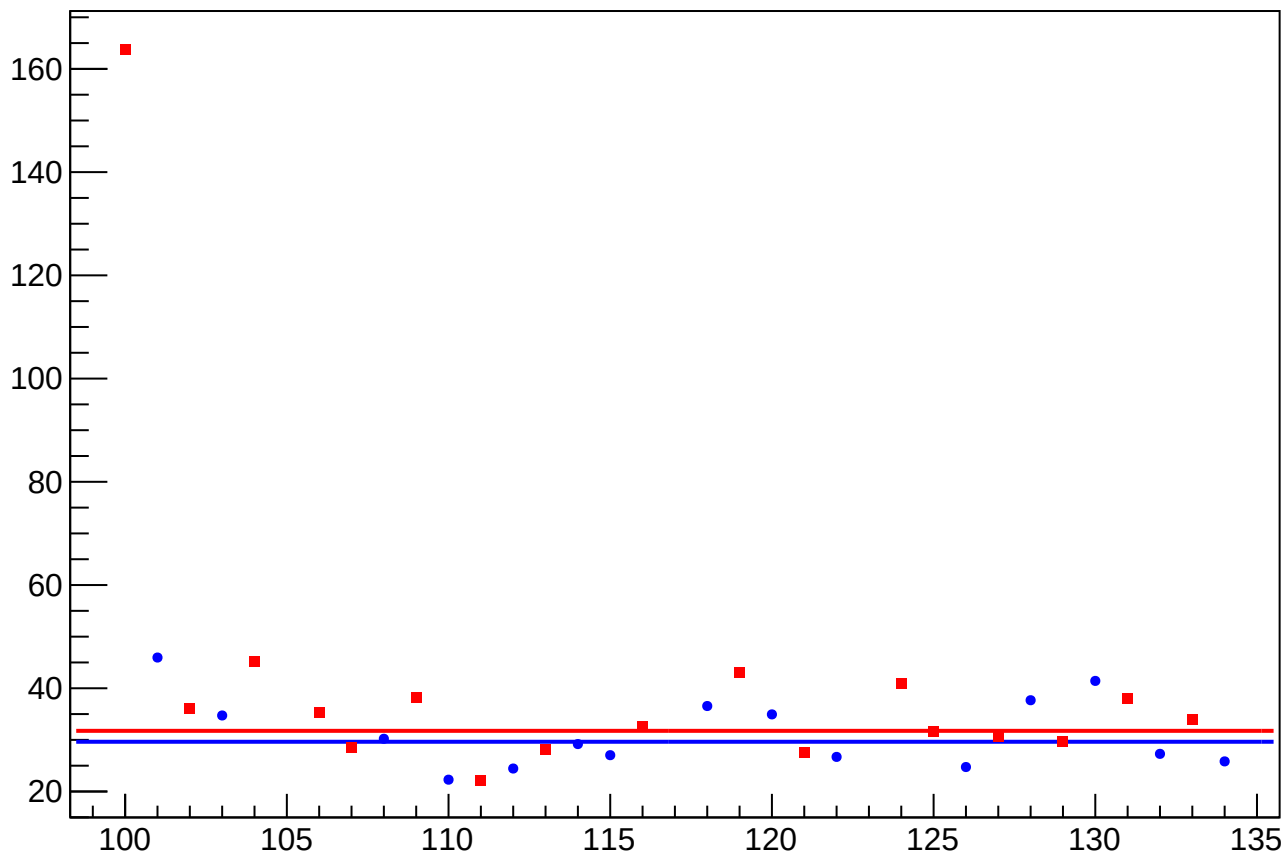
Right: -0.019 ± 0.009 χ^2/NDF : 35.0/31

In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.009 χ^2/NDF : 35.0/31

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.637+/-0.009 χ^2 /NDF: 549389.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.752+/-0.009 χ^2 /NDF: 555139.1/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

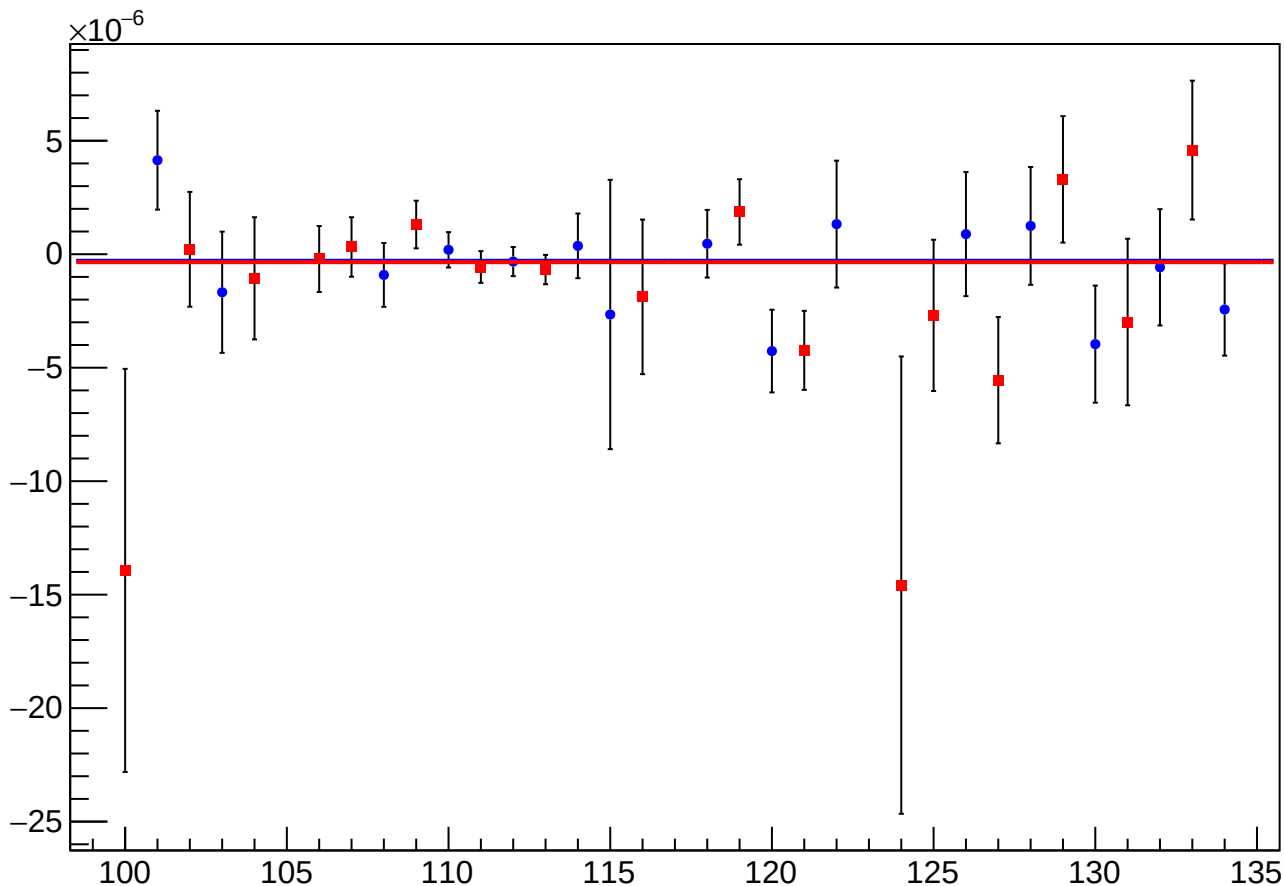
Right: 30.652+/-0.006 χ^2 /NDF: 1132872.4/31

In: 29.637+/-0.009 χ^2 /NDF:549389.9/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 30.652+/-0.006 χ^2 /NDF: 1132872.4/31

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 23.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

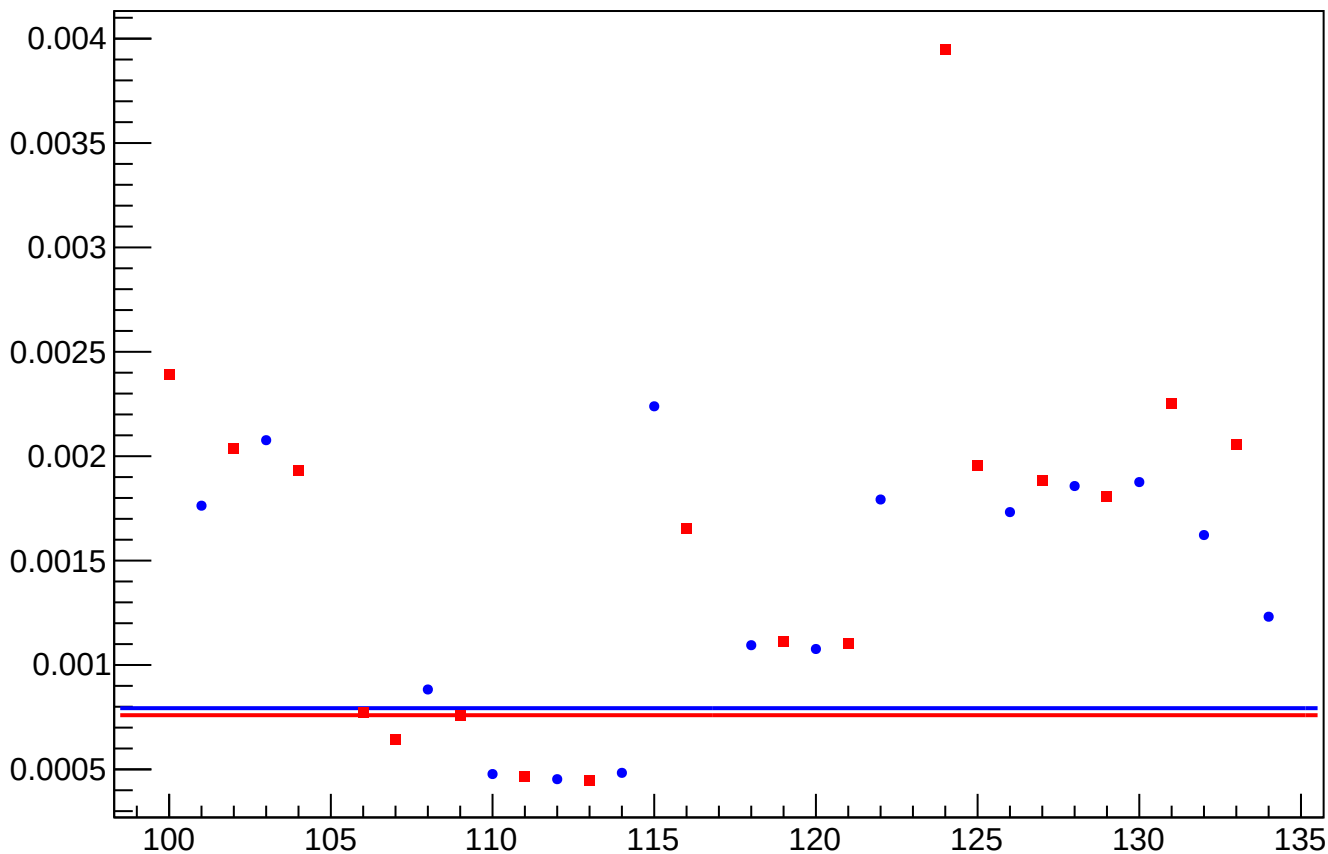
Right: -0.000+/-0.000 χ^2 /NDF: 38.4/31

In: -0.000+/-0.000 χ^2 /NDF:14.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 38.4/31

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3583139.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3887376.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

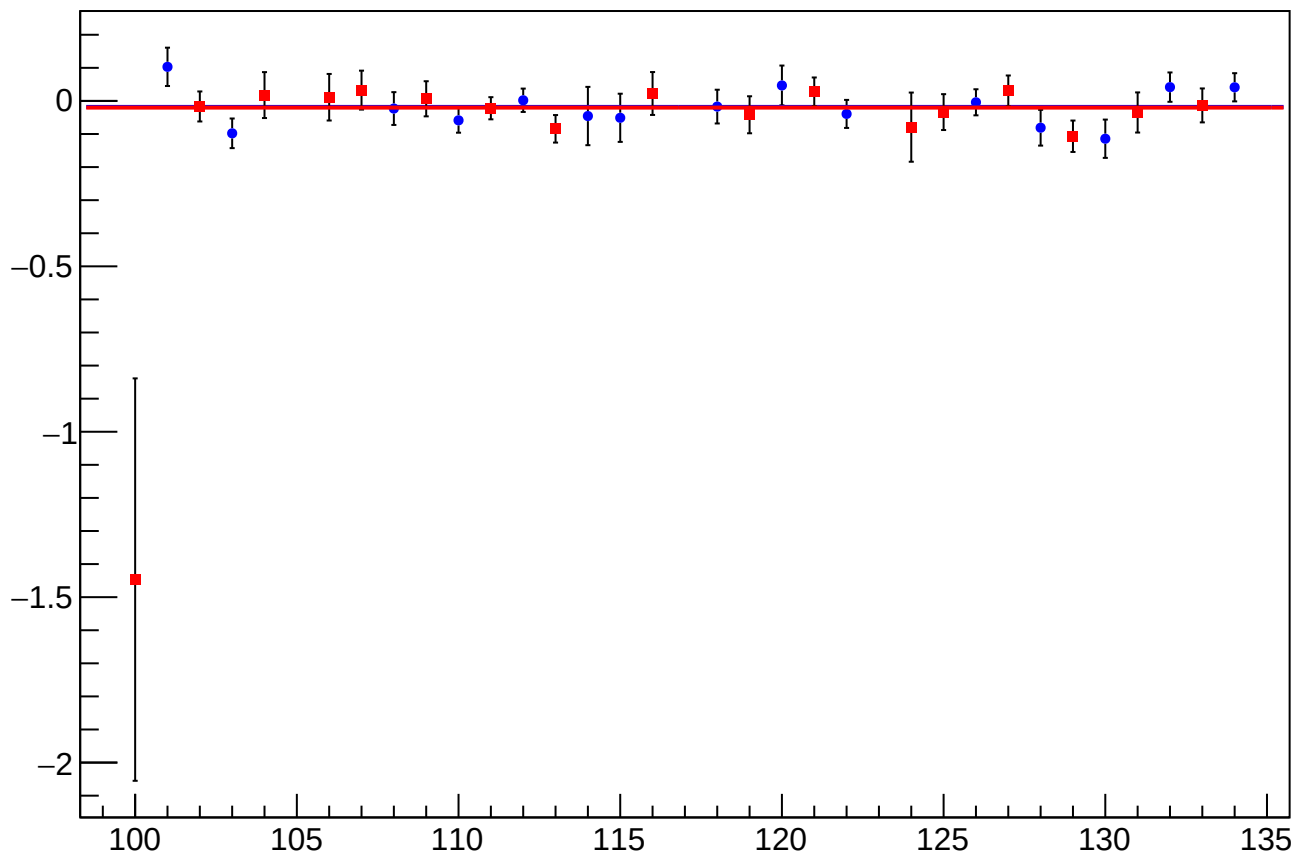
Right: 0.001+/-0.000 χ^2/NDF : 7479149.4/31

In: 0.001+/-0.000 χ^2/NDF :3583139.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7479149.4/31

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.013 χ^2/NDF : 16.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

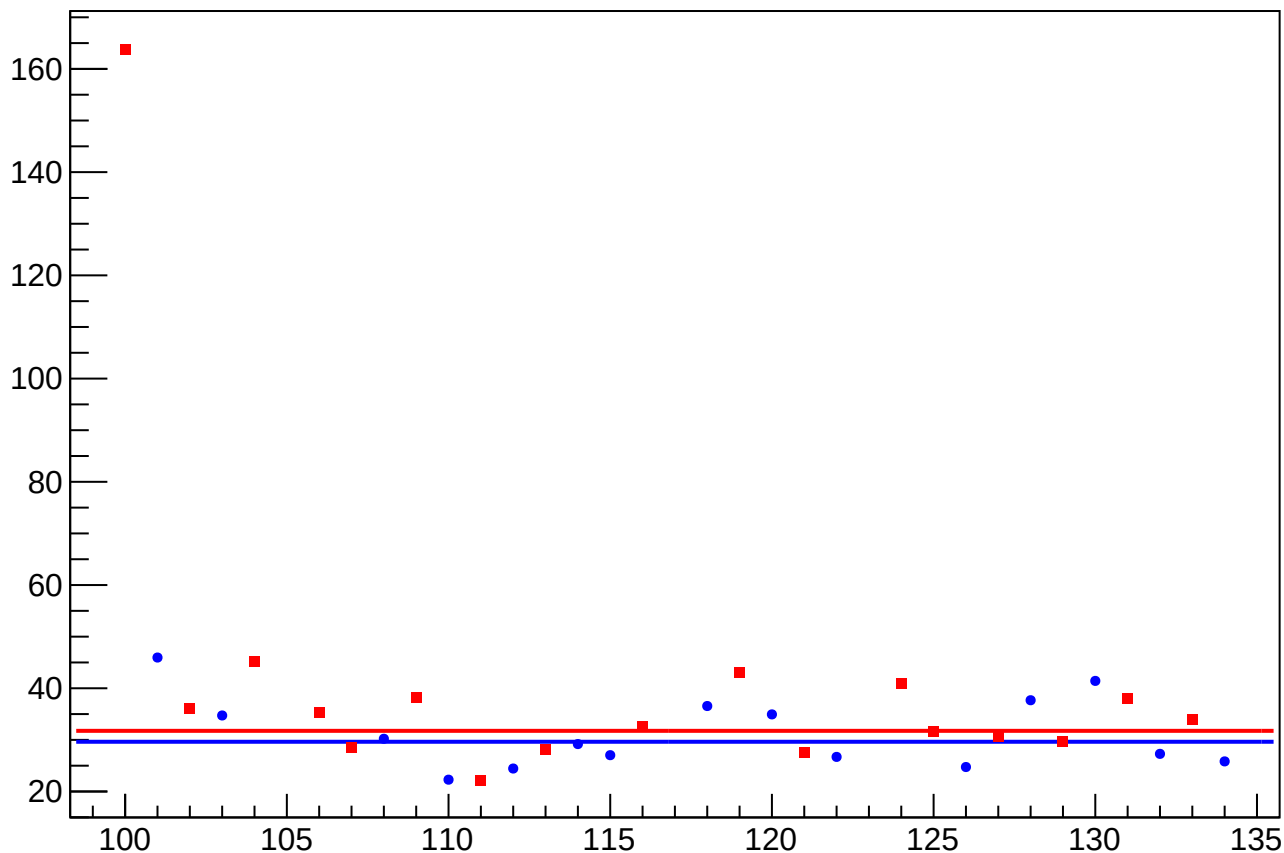
Right: -0.019 ± 0.009 χ^2/NDF : 35.0/31

In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.009 χ^2/NDF : 35.0/31

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.637+/-0.009 χ^2 /NDF: 549381.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.752+/-0.009 χ^2 /NDF: 555135.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

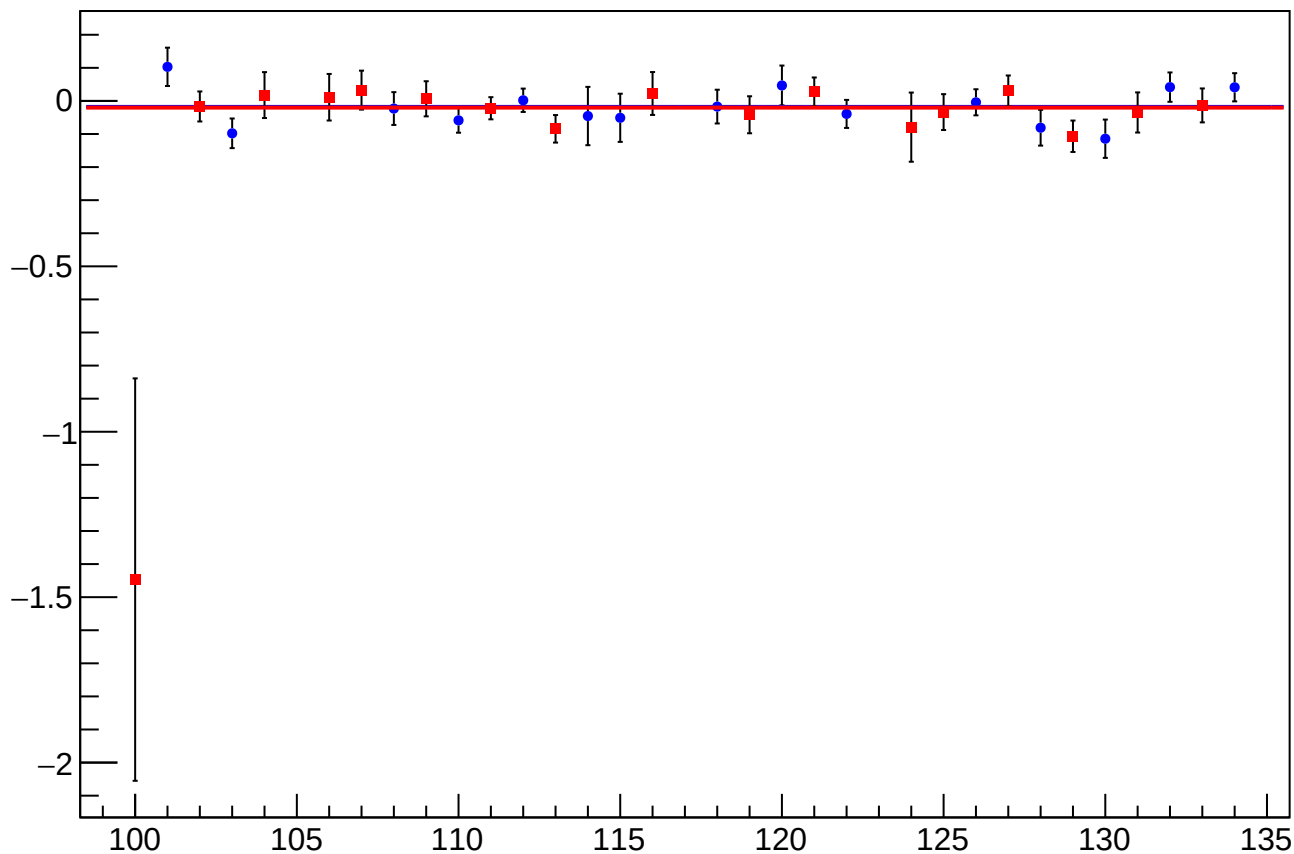
Right: 30.652+/-0.006 χ^2 /NDF: 1132863.6/31

In: 29.637+/-0.009 χ^2 /NDF:549381.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 30.652+/-0.006 χ^2 /NDF: 1132863.6/31

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.012 χ^2 /NDF: 18.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.013 χ^2 /NDF: 16.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

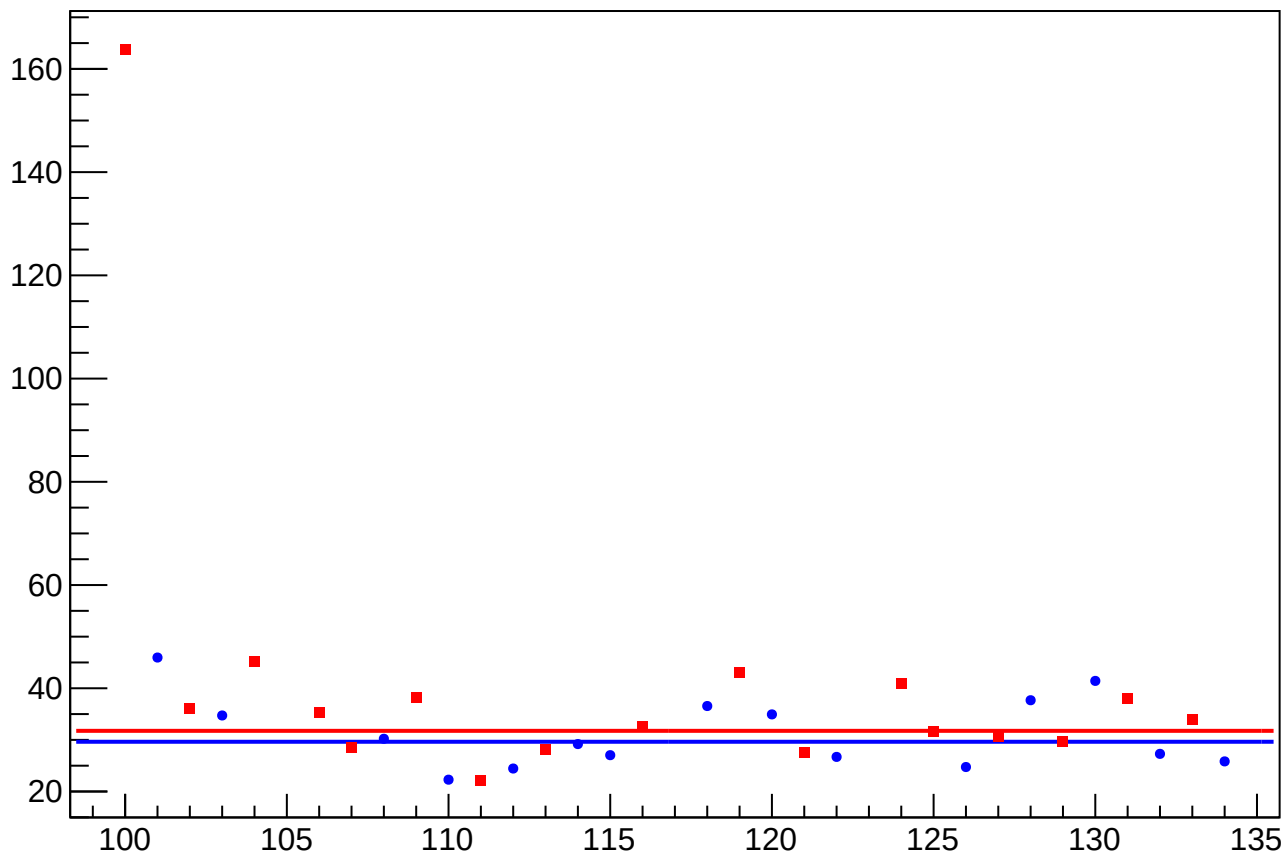
Right: -0.019 $\pm$ 0.009 χ^2 /NDF: 35.0/31

In: -0.018 $\pm$ 0.012 χ^2 /NDF:18.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.009 χ^2 /NDF: 35.0/31

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.637+/-0.009 χ^2/NDF : 549381.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.752+/-0.009 χ^2/NDF : 555135.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

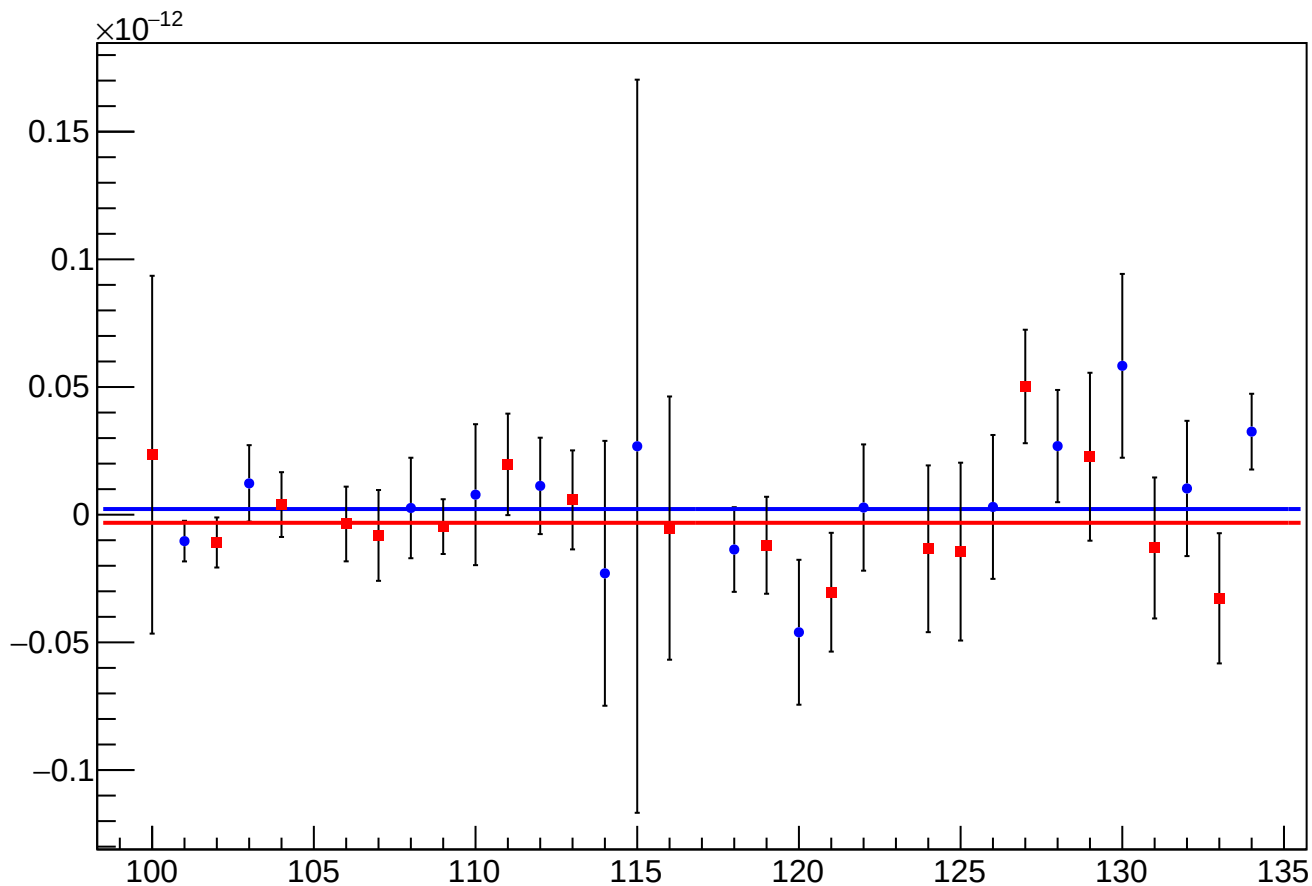
Right: 30.652+/-0.006 χ^2/NDF : 1132863.6/31

In: 29.637+/-0.009 χ^2/NDF : 549381.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.652+/-0.006 χ^2/NDF : 1132863.6/31

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

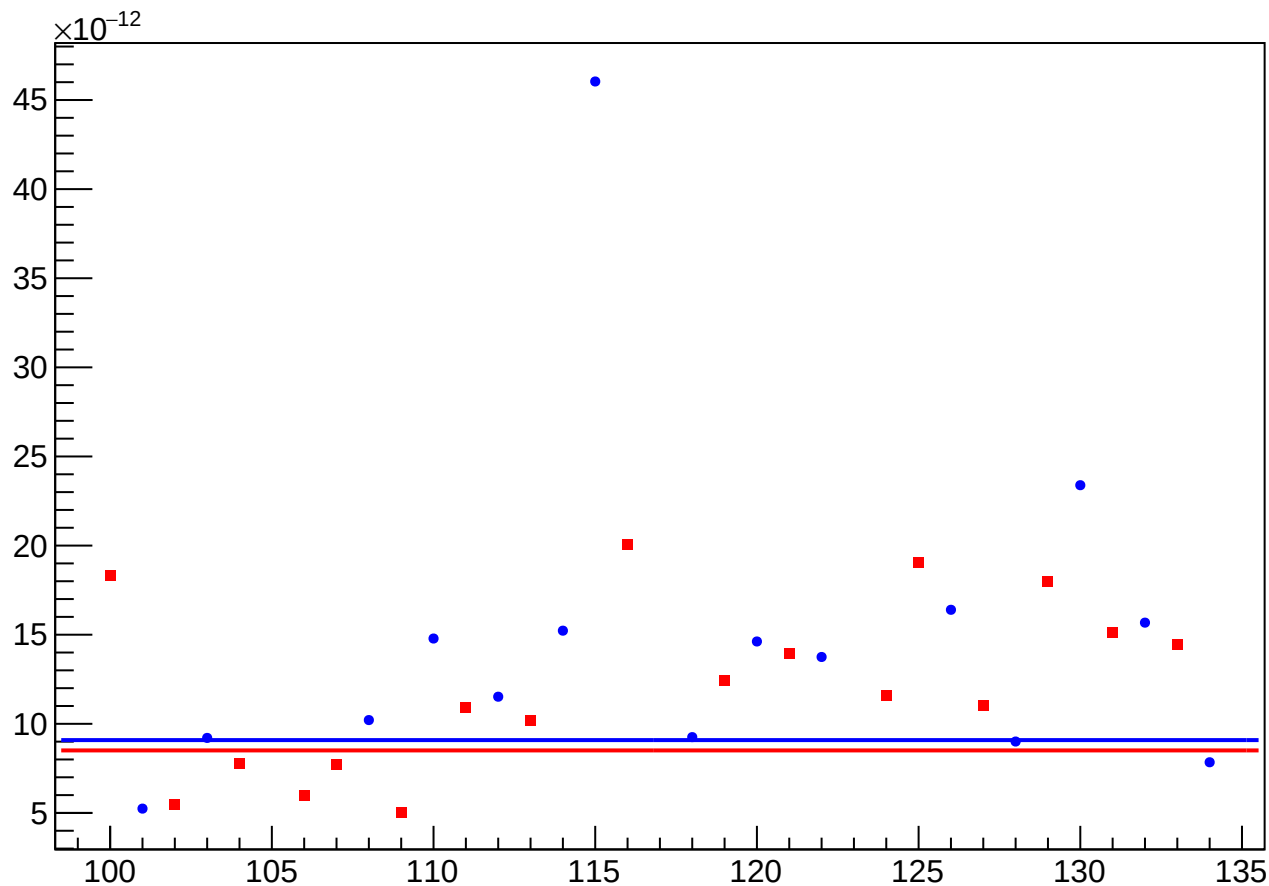
Right: -0.000+/-0.000 χ^2/NDF : 28.3/31

In: 0.000+/-0.000 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/31

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1488646.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1469370.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

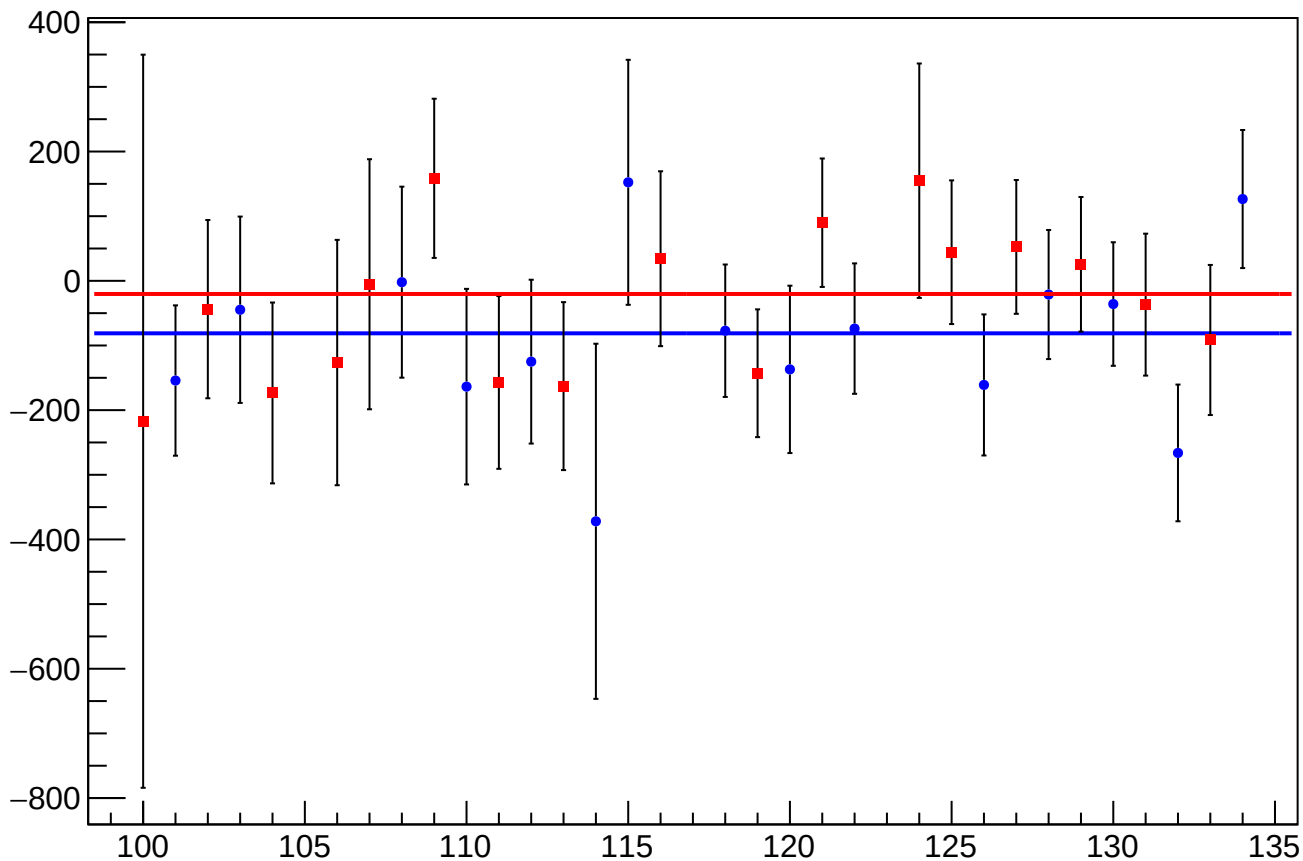
Right: 0.000+/-0.000 χ^2/NDF : 2973873.7/31

In: 0.000+/-0.000 χ^2/NDF : 1488646.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2973873.7/31

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.175+/-31.019 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.309+/-30.782 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

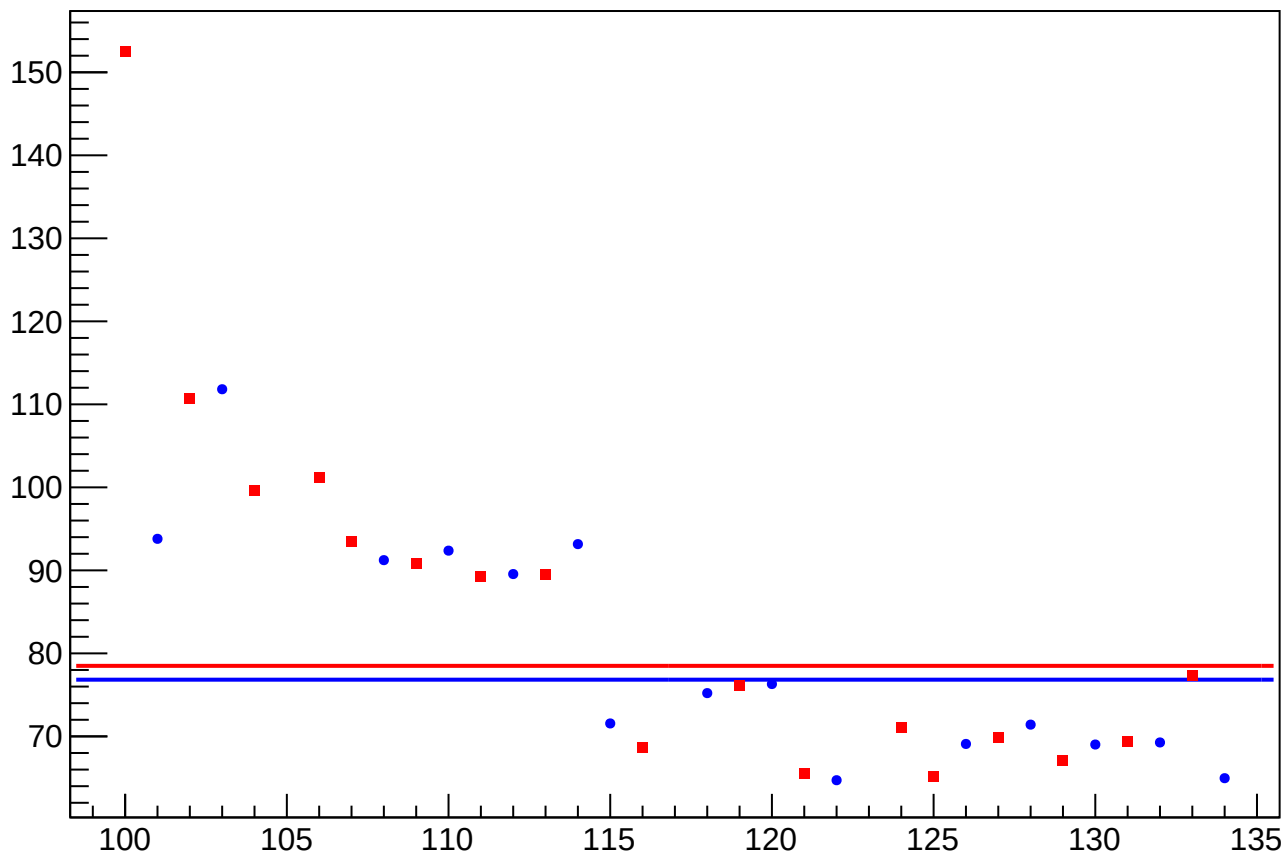
Right: -50.510+/-21.849 χ^2/NDF : 25.2/31

In: -81.175+/-31.019 χ^2/NDF : 12.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.510+/-21.849 χ^2/NDF : 25.2/31

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 76.831+/-0.022 χ^2/NDF : 323037.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.497+/-0.022 χ^2/NDF : 406742.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

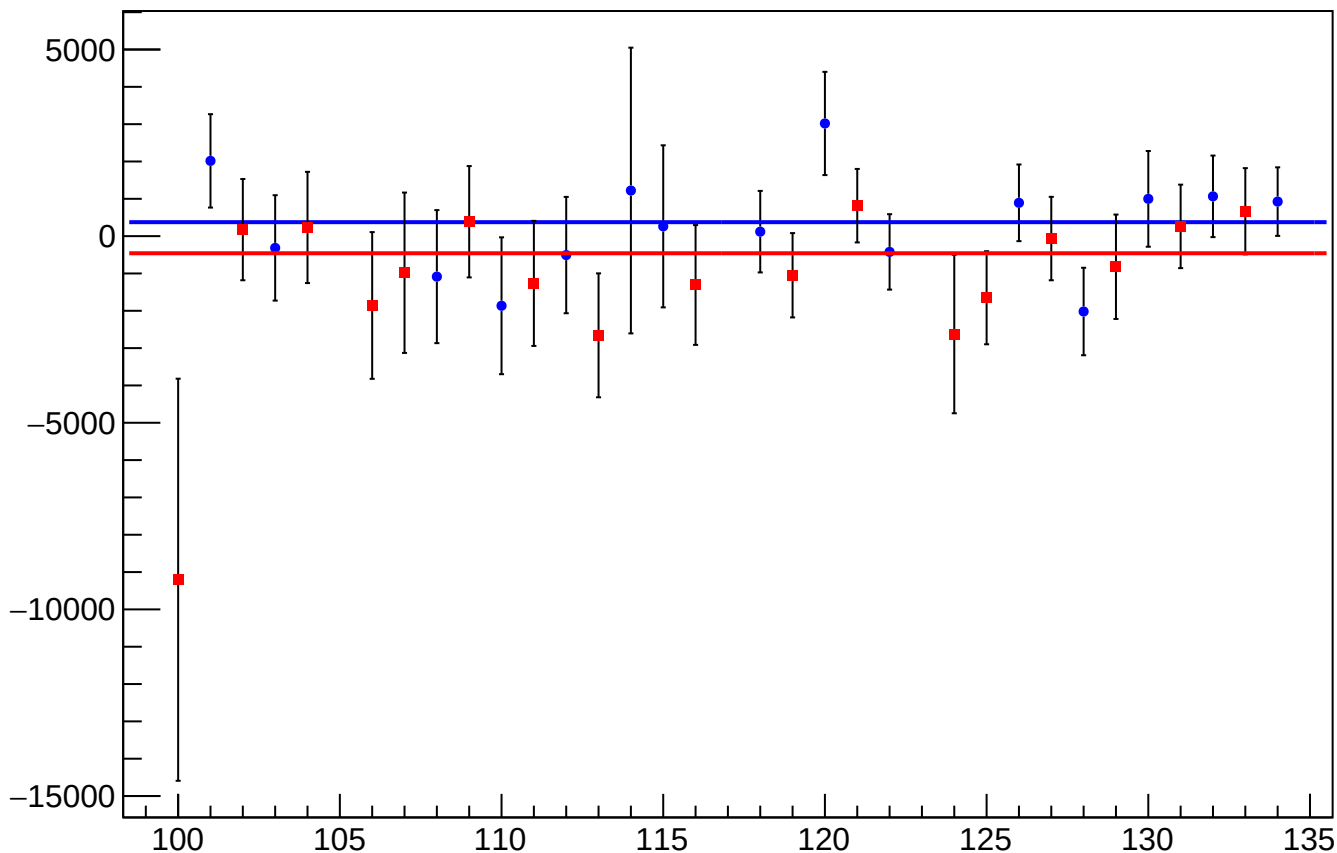
Right: 77.670+/-0.015 χ^2/NDF : 732684.2/31

In: 76.831+/-0.022 χ^2/NDF : 323037.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.670+/-0.015 χ^2/NDF : 732684.2/31

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 374.213+/-331.594 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -458.562+/-340.923 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

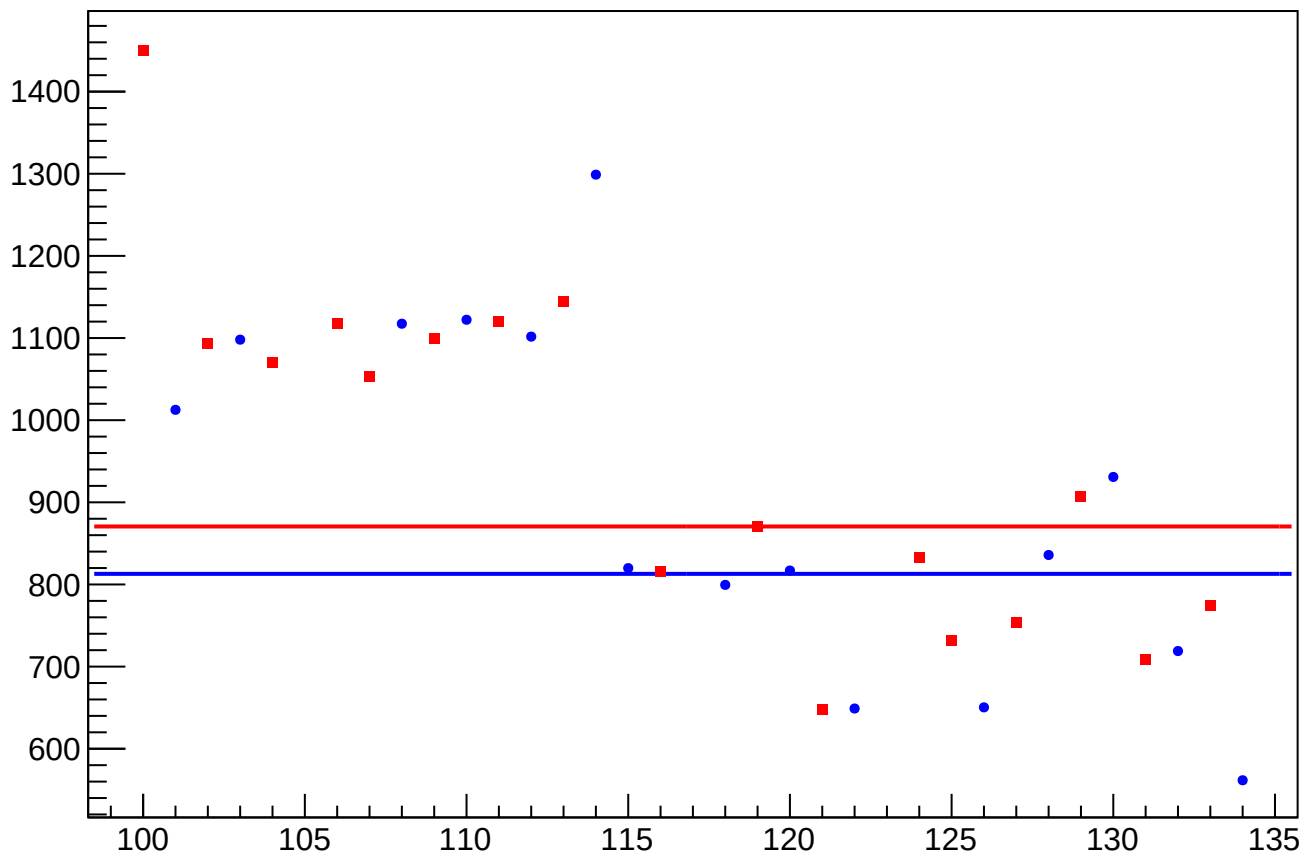
Right: -30.625+/-237.702 χ^2/NDF : 29.0/31

In: 374.213+/-331.594 χ^2/NDF :14.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -30.625+/-237.702 χ^2/NDF : 29.0/31

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 812.907+/-0.234 χ^2/NDF : 634122.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.591+/-0.241 χ^2/NDF : 514008.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

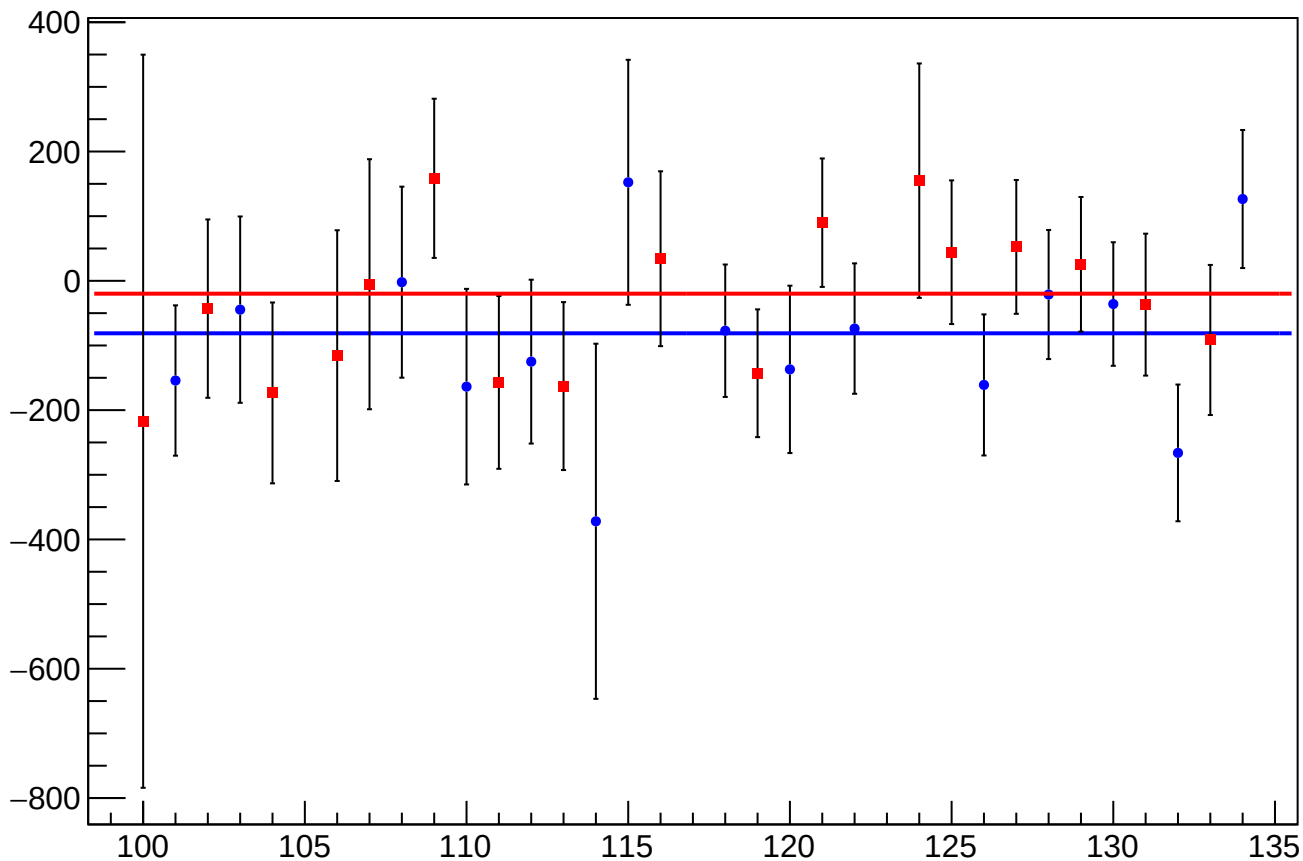
Right: 840.949+/-0.168 χ^2/NDF : 1177553.4/31

In: 812.907+/-0.234 χ^2/NDF : 634122.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.949+/-0.168 χ^2/NDF : 1177553.4/31

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.166+/-31.019 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.876+/-30.800 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

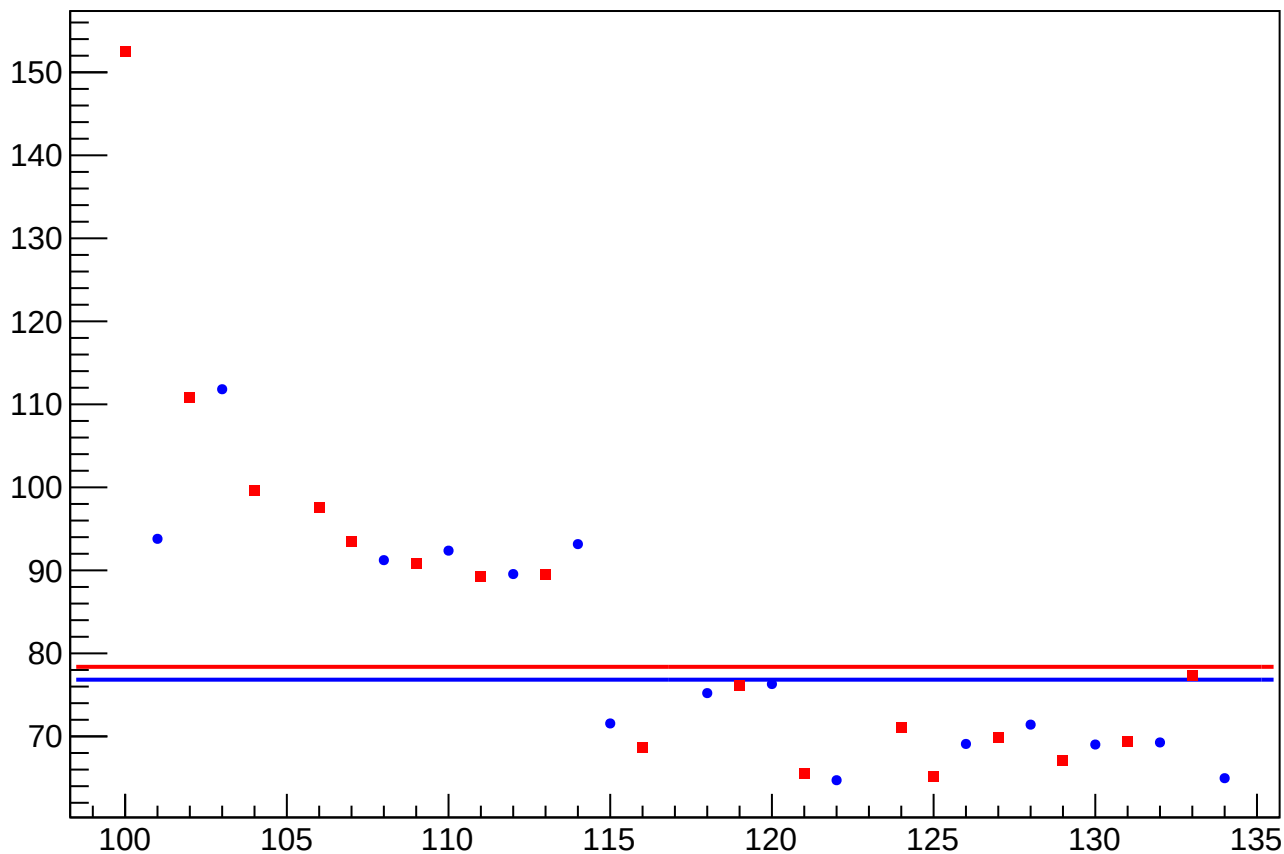
Right: -50.305+/-21.856 χ^2/NDF : 25.2/31

In: -81.166+/-31.019 χ^2/NDF : 12.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.305+/-21.856 χ^2/NDF : 25.2/31

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 76.831+/-0.022 χ^2/NDF : 323039.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.379+/-0.022 χ^2/NDF : 397585.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

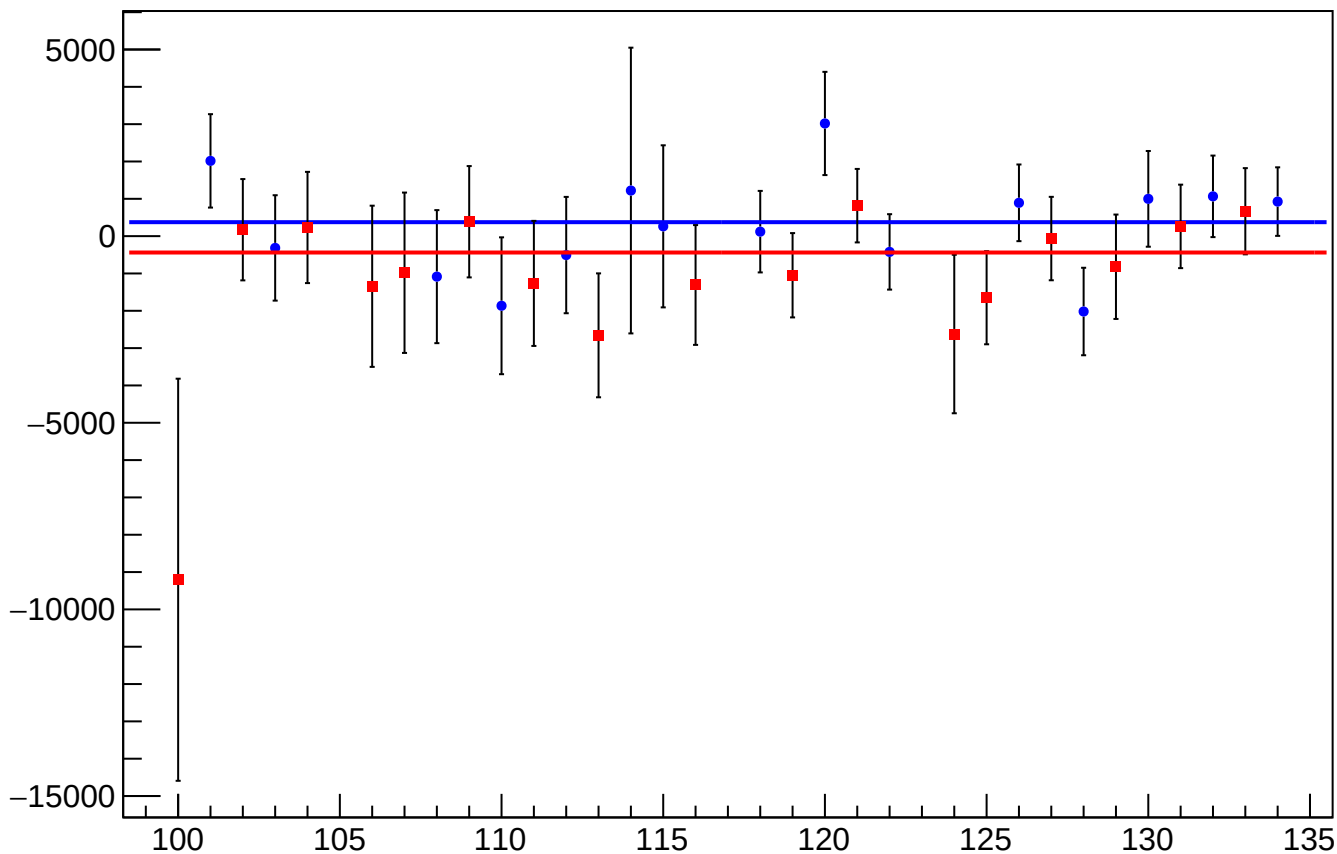
Right: 77.611+/-0.015 χ^2/NDF : 723133.3/31

In: 76.831+/-0.022 χ^2/NDF : 323039.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.611+/-0.015 χ^2/NDF : 723133.3/31

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 374.188+/-331.595 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -438.663+/-341.819 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

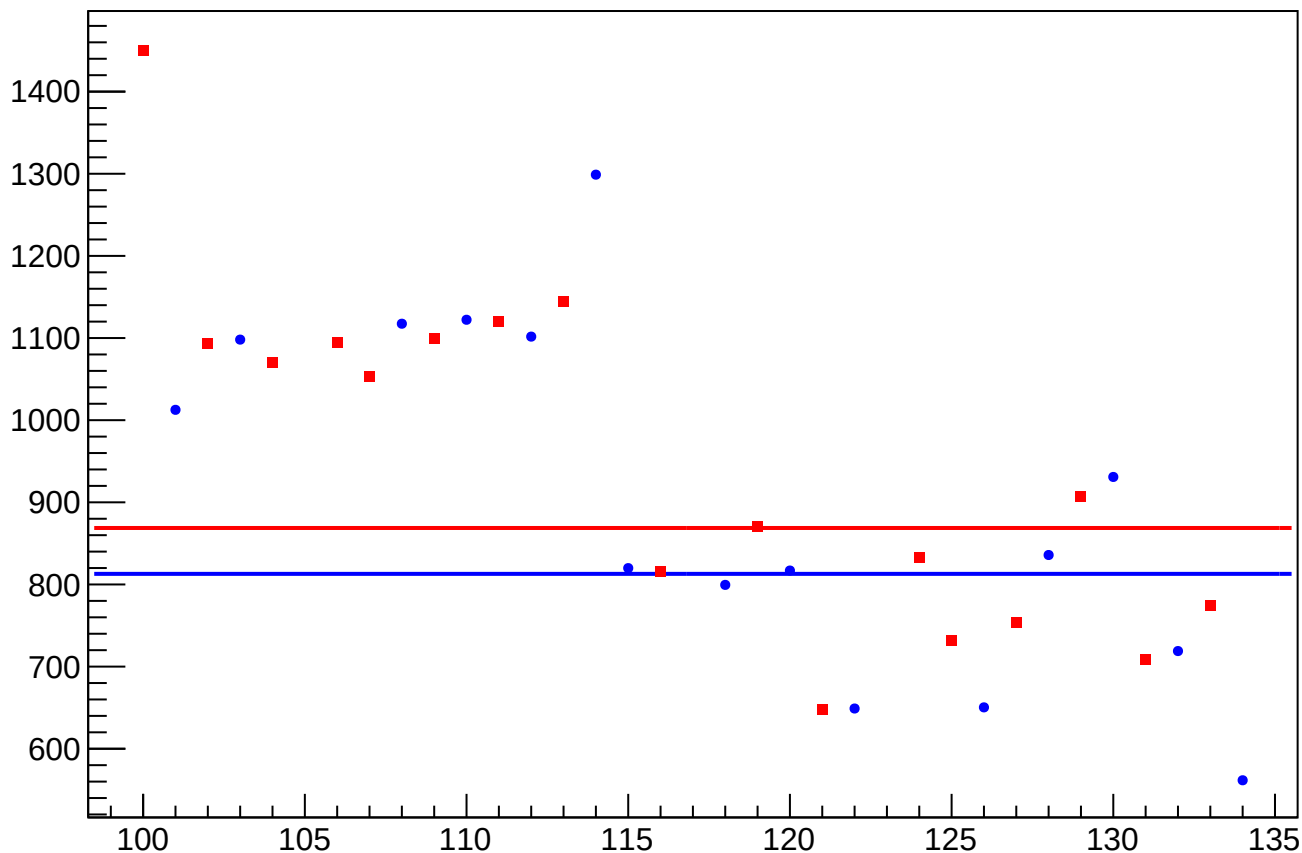
Right: -19.899+/-238.005 χ^2/NDF : 28.5/31

In: 374.188+/-331.595 χ^2/NDF :14.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -19.899+/-238.005 χ^2/NDF : 28.5/31

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 812.908+/-0.234 χ^2/NDF : 634147.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.763+/-0.242 χ^2/NDF : 504166.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

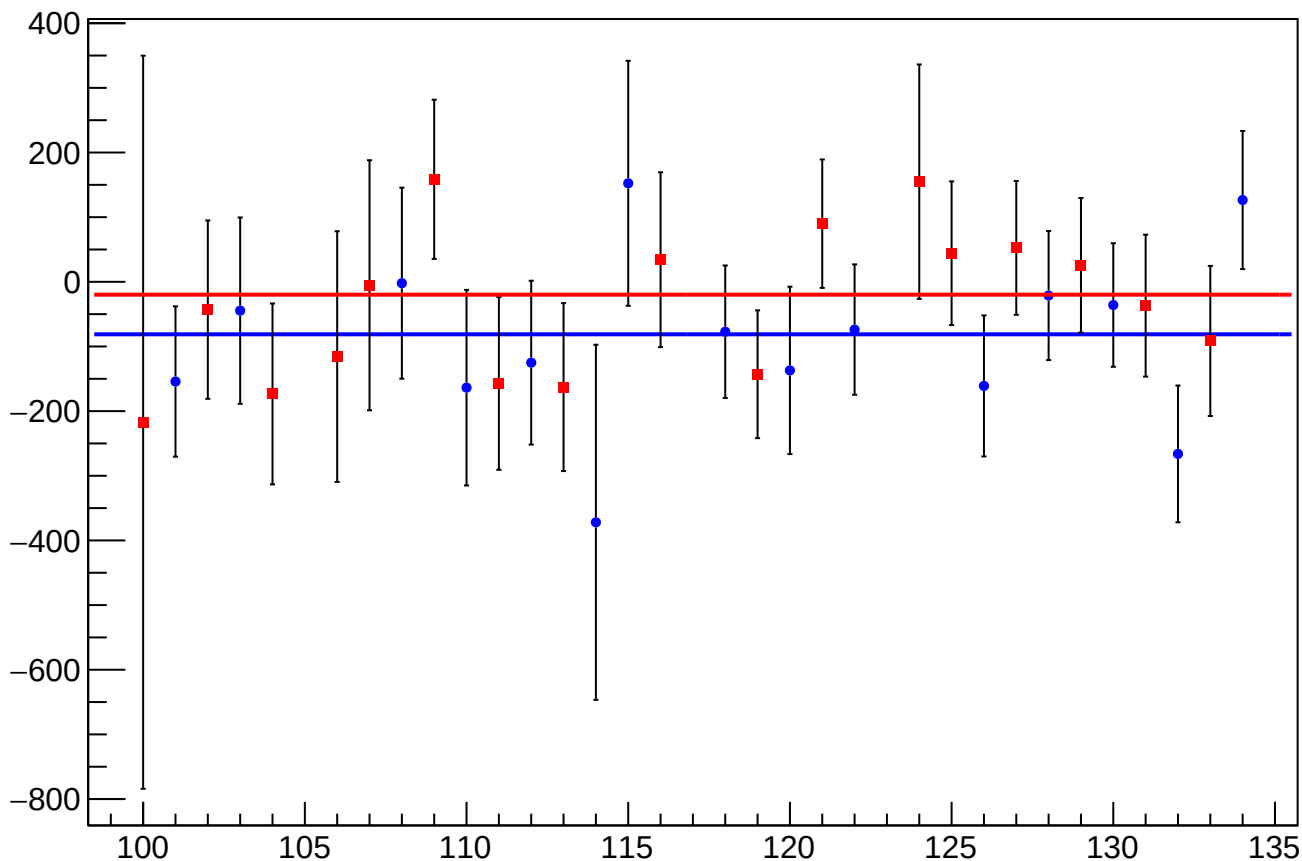
Right: 839.988+/-0.168 χ^2/NDF : 1165826.3/31

In: 812.908+/-0.234 χ^2/NDF : 634147.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.988+/-0.168 χ^2/NDF : 1165826.3/31

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.166+/-31.019 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.876+/-30.800 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

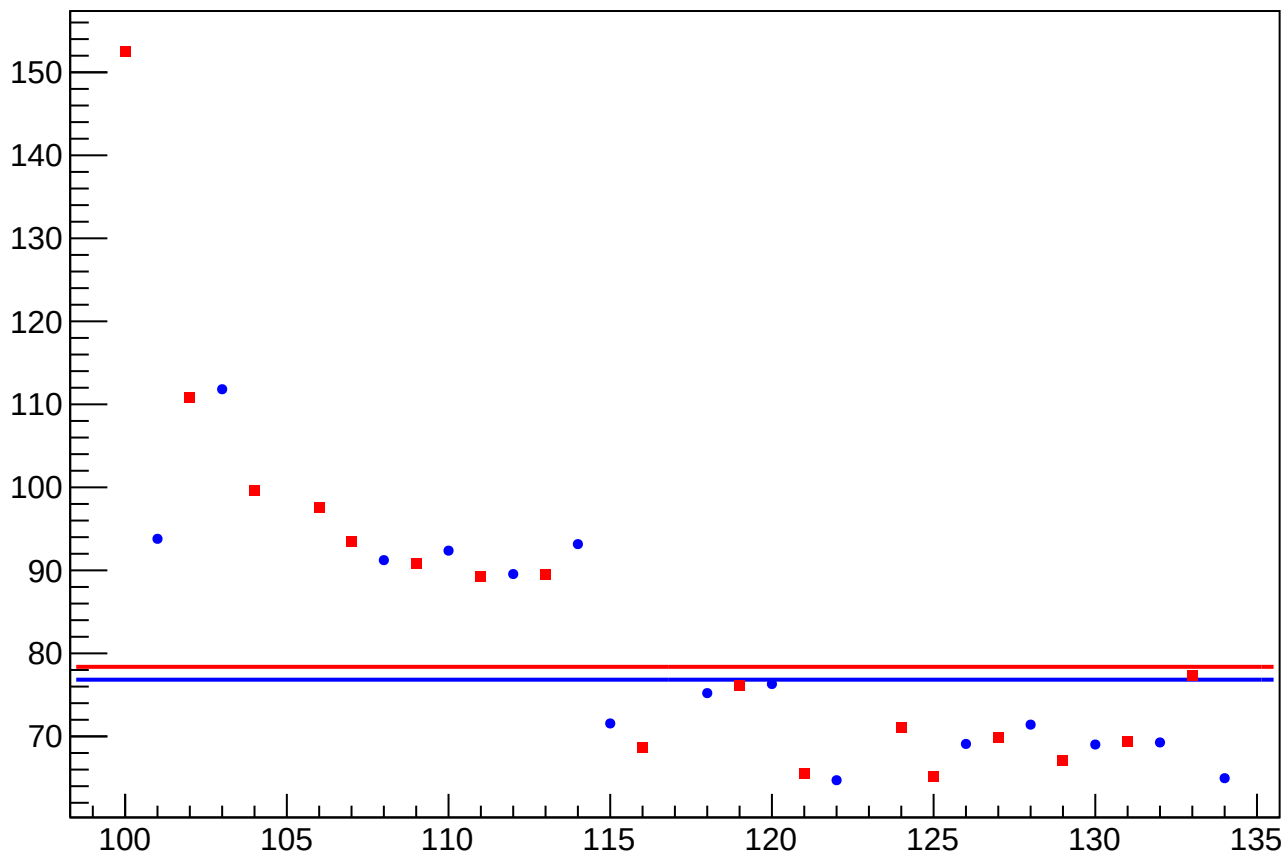
Right: -50.305+/-21.856 χ^2/NDF : 25.2/31

In: -81.166+/-31.019 χ^2/NDF : 12.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.305+/-21.856 χ^2/NDF : 25.2/31

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 76.831+/-0.022 χ^2/NDF : 323039.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.379+/-0.022 χ^2/NDF : 397585.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

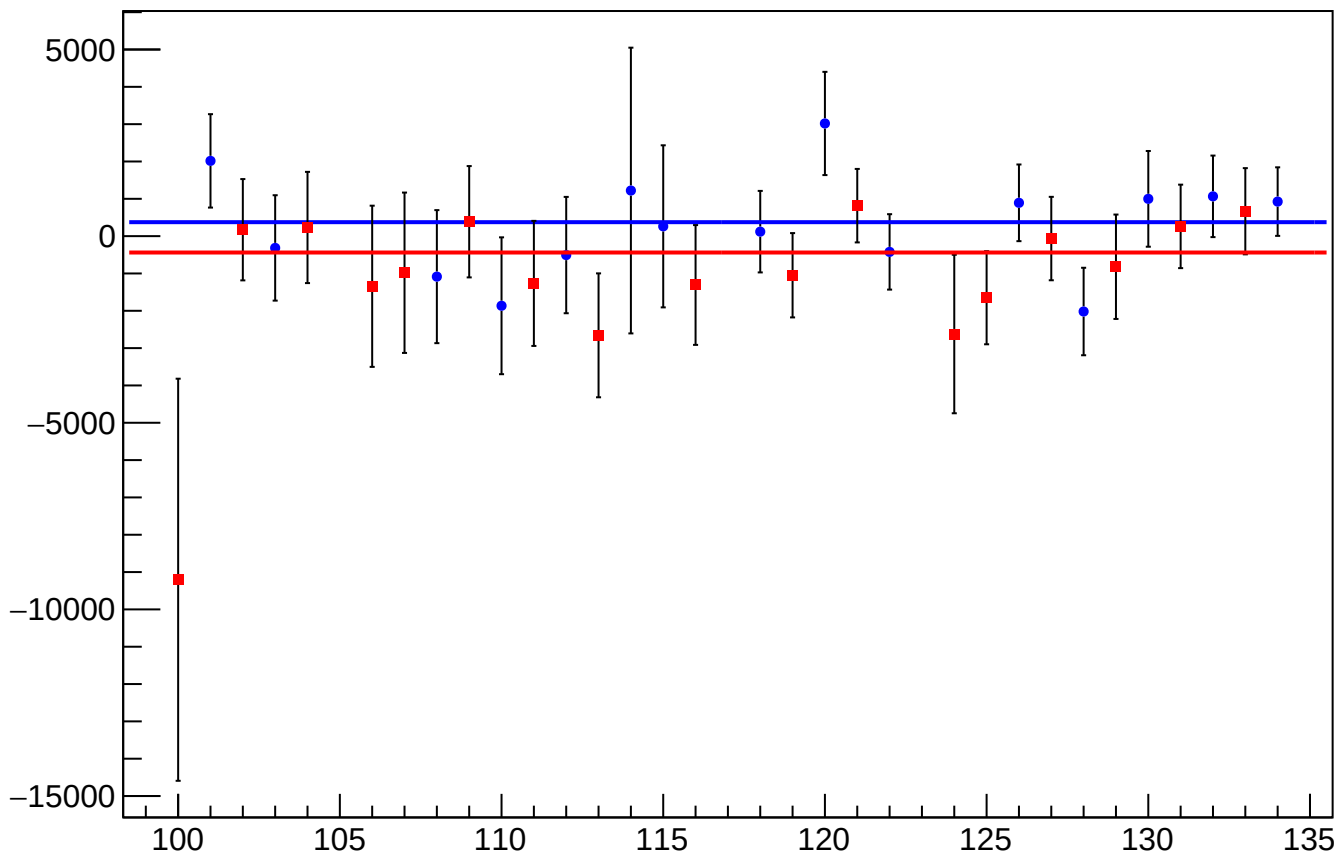
Right: 77.611+/-0.015 χ^2/NDF : 723133.3/31

In: 76.831+/-0.022 χ^2/NDF : 323039.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.611+/-0.015 χ^2/NDF : 723133.3/31

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 374.188+/-331.595 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -438.663+/-341.819 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

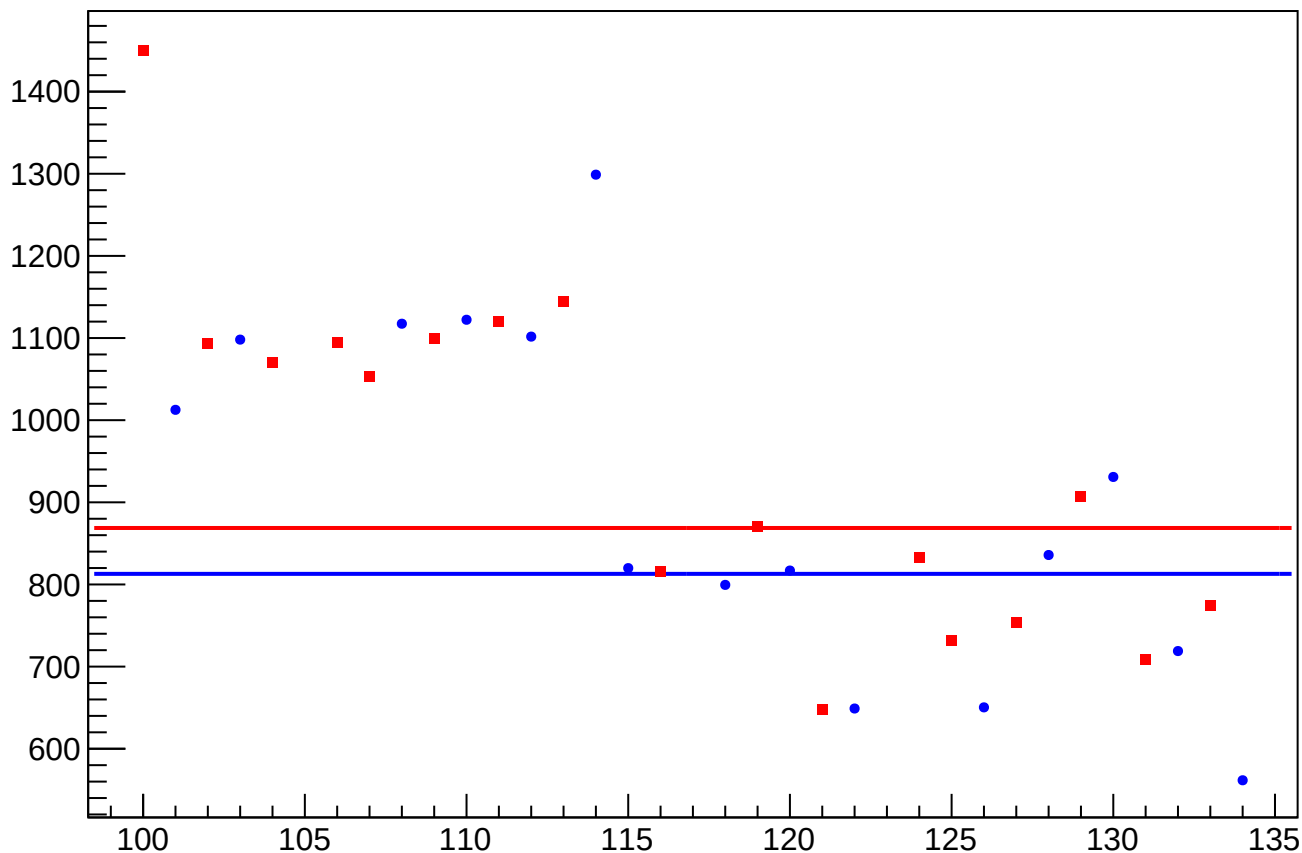
Right: -19.899+/-238.005 χ^2/NDF : 28.5/31

In: 374.188+/-331.595 χ^2/NDF : 14.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.899+/-238.005 χ^2/NDF : 28.5/31

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 812.908+/-0.234 χ^2/NDF : 634147.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.763+/-0.242 χ^2/NDF : 504166.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

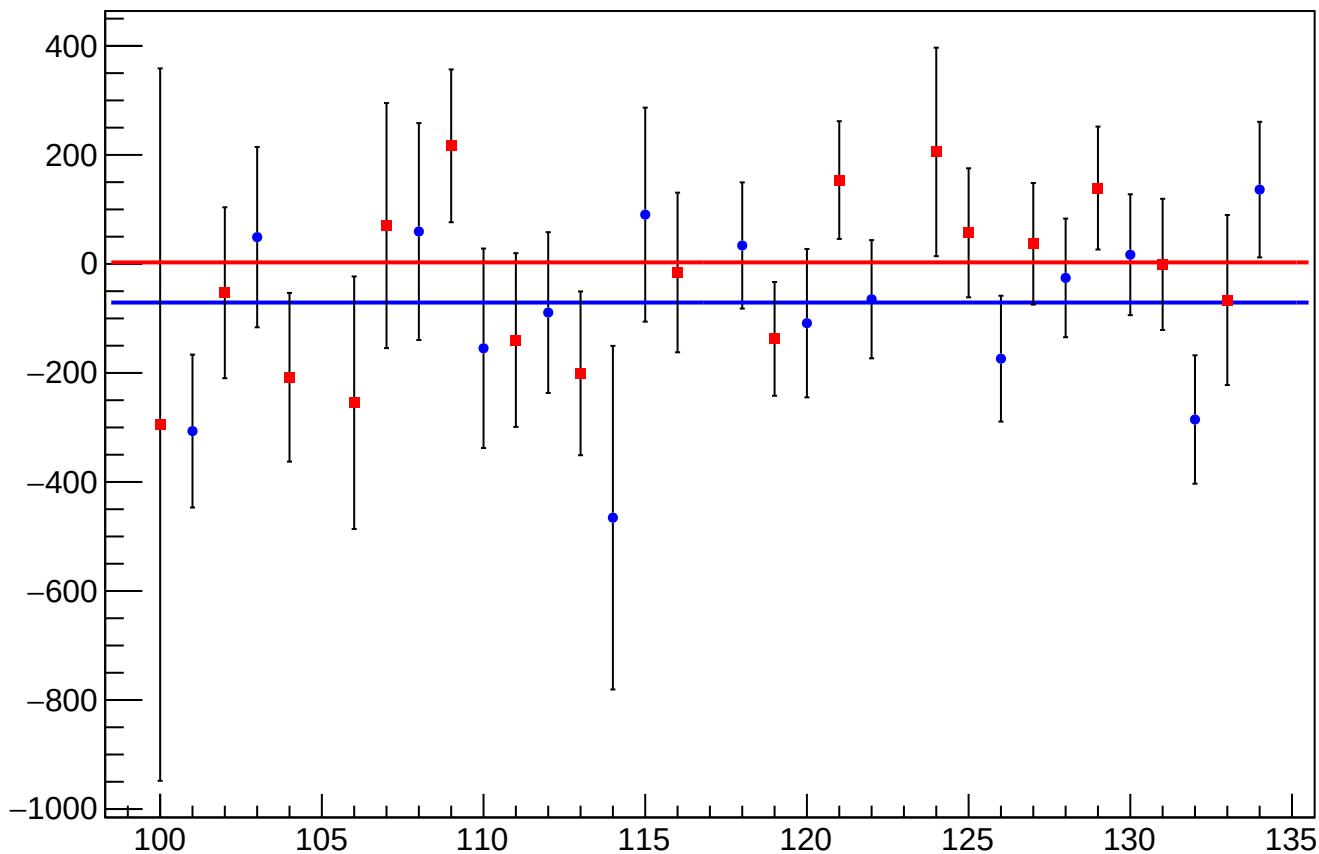
Right: 839.988+/-0.168 χ^2/NDF : 1165826.3/31

In: 812.908+/-0.234 χ^2/NDF : 634147.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.988+/-0.168 χ^2/NDF : 1165826.3/31

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -70.828 ± 35.012 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.850 ± 34.302 χ^2/NDF : 15.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

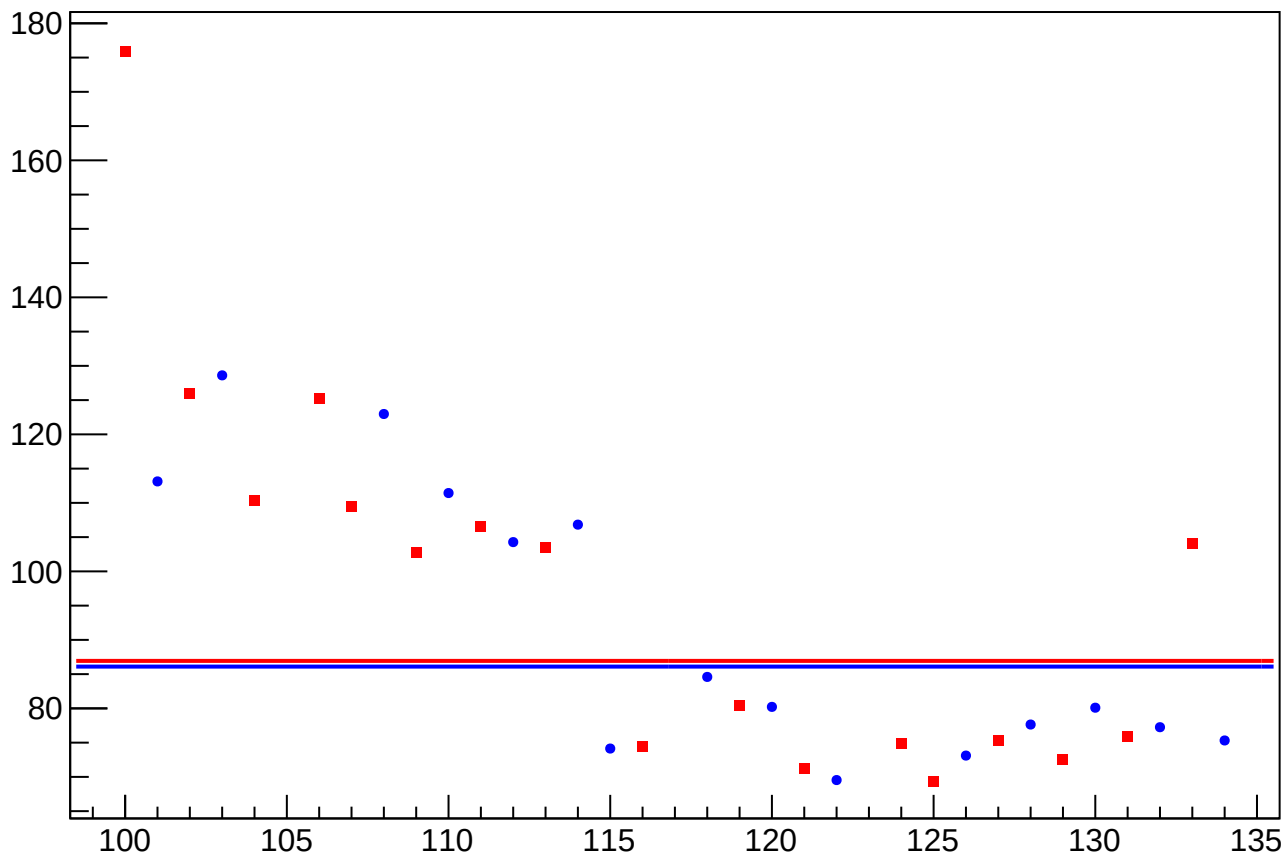
Right: -33.235 ± 24.502 χ^2/NDF : 32.4/31

In: -70.828 ± 35.012 χ^2/NDF : 14.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.235 ± 24.502 χ^2/NDF : 32.4/31

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 86.101+/-0.025 χ^2/NDF : 480213.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.934+/-0.024 χ^2/NDF : 573628.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

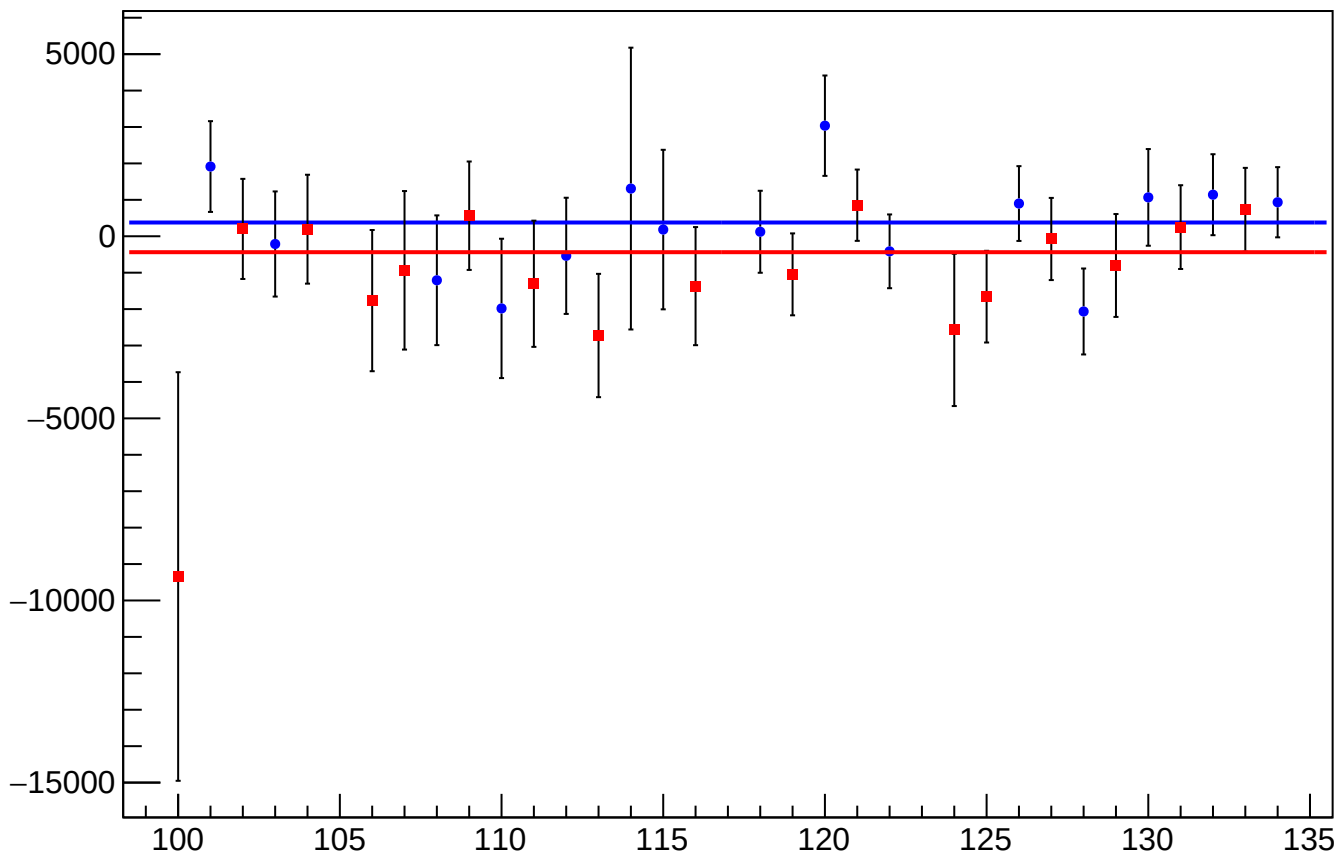
Right: 86.526+/-0.017 χ^2/NDF : 1054419.2/31

In: 86.101+/-0.025 χ^2/NDF : 480213.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.526+/-0.017 χ^2/NDF : 1054419.2/31

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 377.548 $\pm$ 337.243 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -437.379 $\pm$ 343.138 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

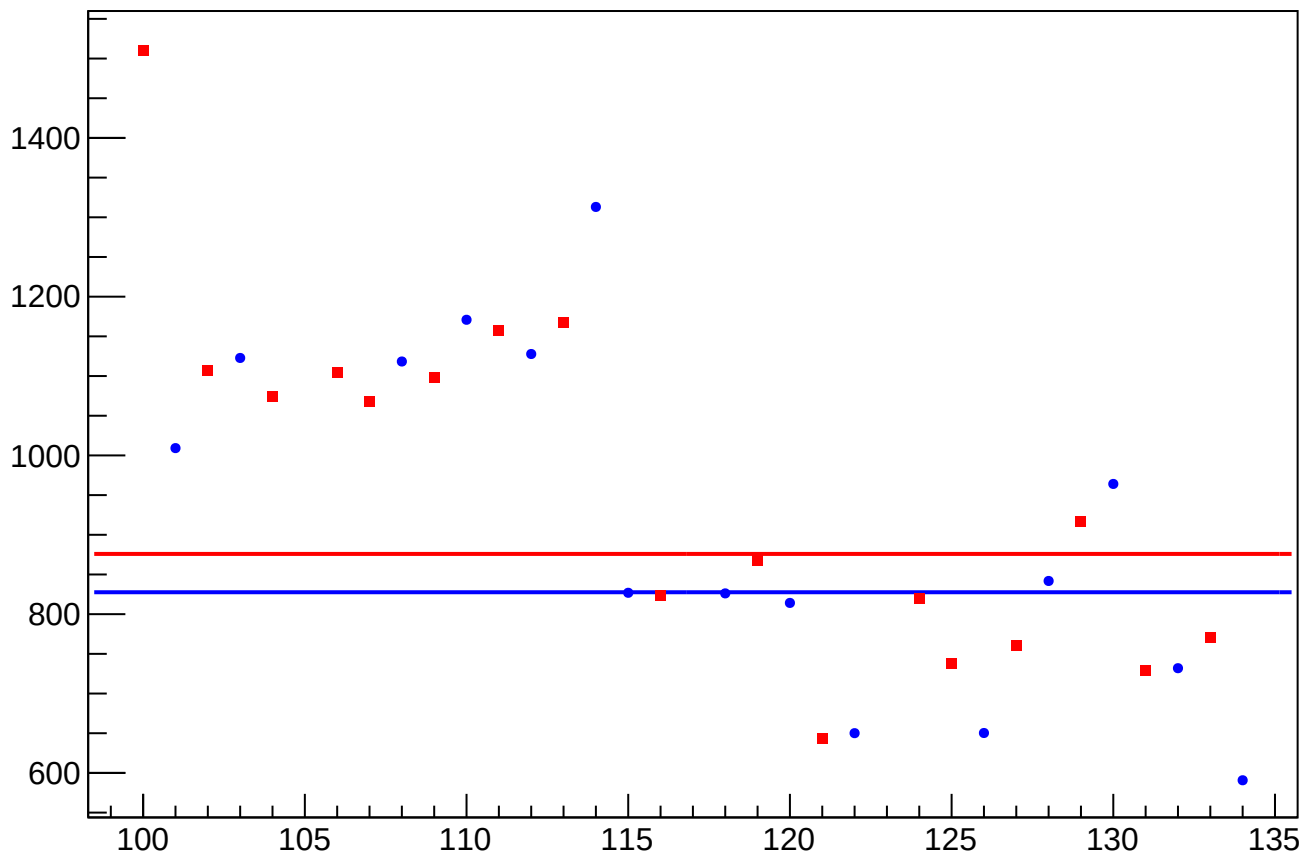
Right: -22.855 $\pm$ 240.524 χ^2 /NDF: 29.1/31

In: 377.548 $\pm$ 337.243 χ^2 /NDF:14.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.855 $\pm$ 240.524 χ^2 /NDF: 29.1/31

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 827.617 $\pm$ 0.238 χ^2 /NDF: 624511.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 875.896 $\pm$ 0.243 χ^2 /NDF: 529442.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

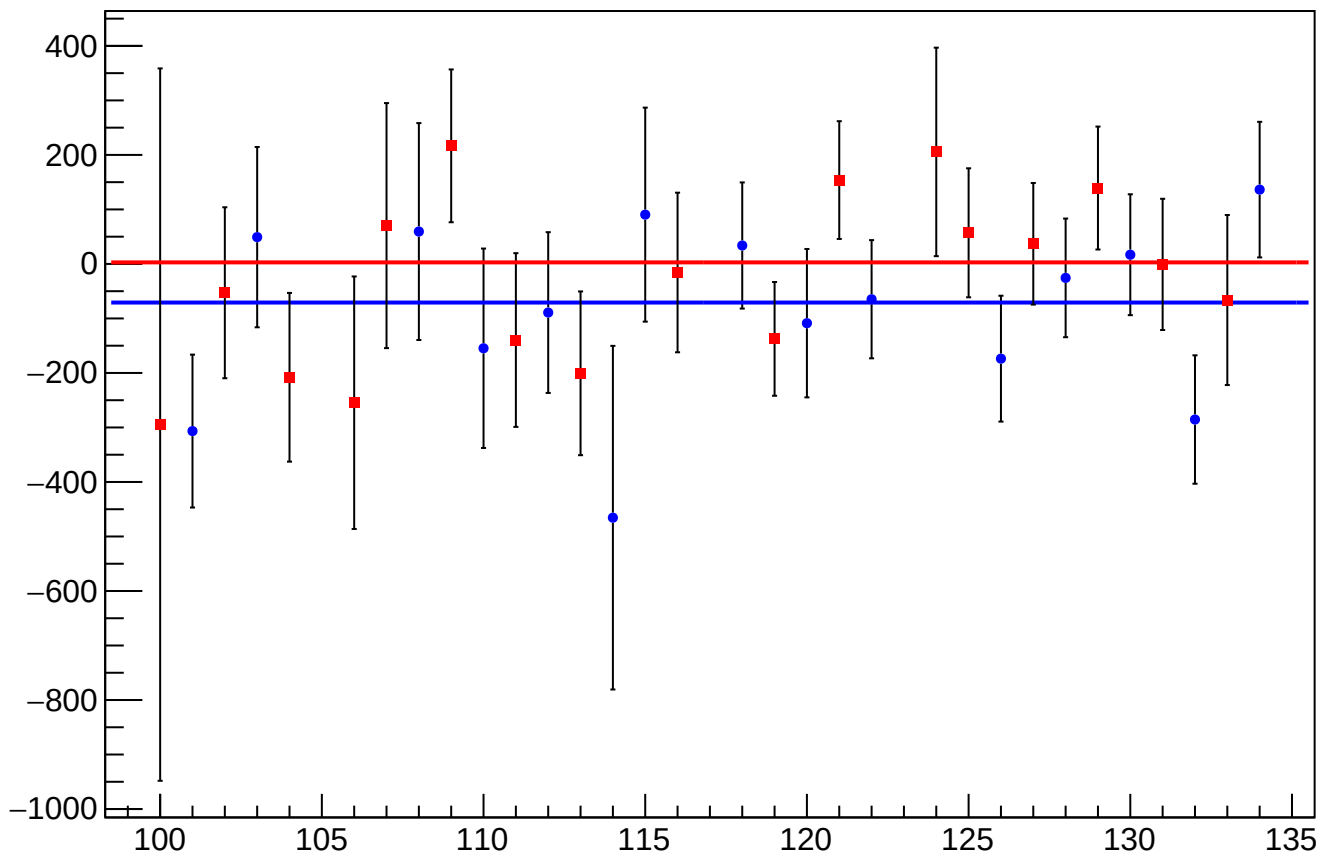
Right: 851.338 $\pm$ 0.170 χ^2 /NDF: 1174094.4/31

In: 827.617 $\pm$ 0.238 χ^2 /NDF:624511.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 851.338 $\pm$ 0.170 χ^2 /NDF: 1174094.4/31

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -70.829 ± 35.012 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.851 ± 34.302 χ^2/NDF : 15.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

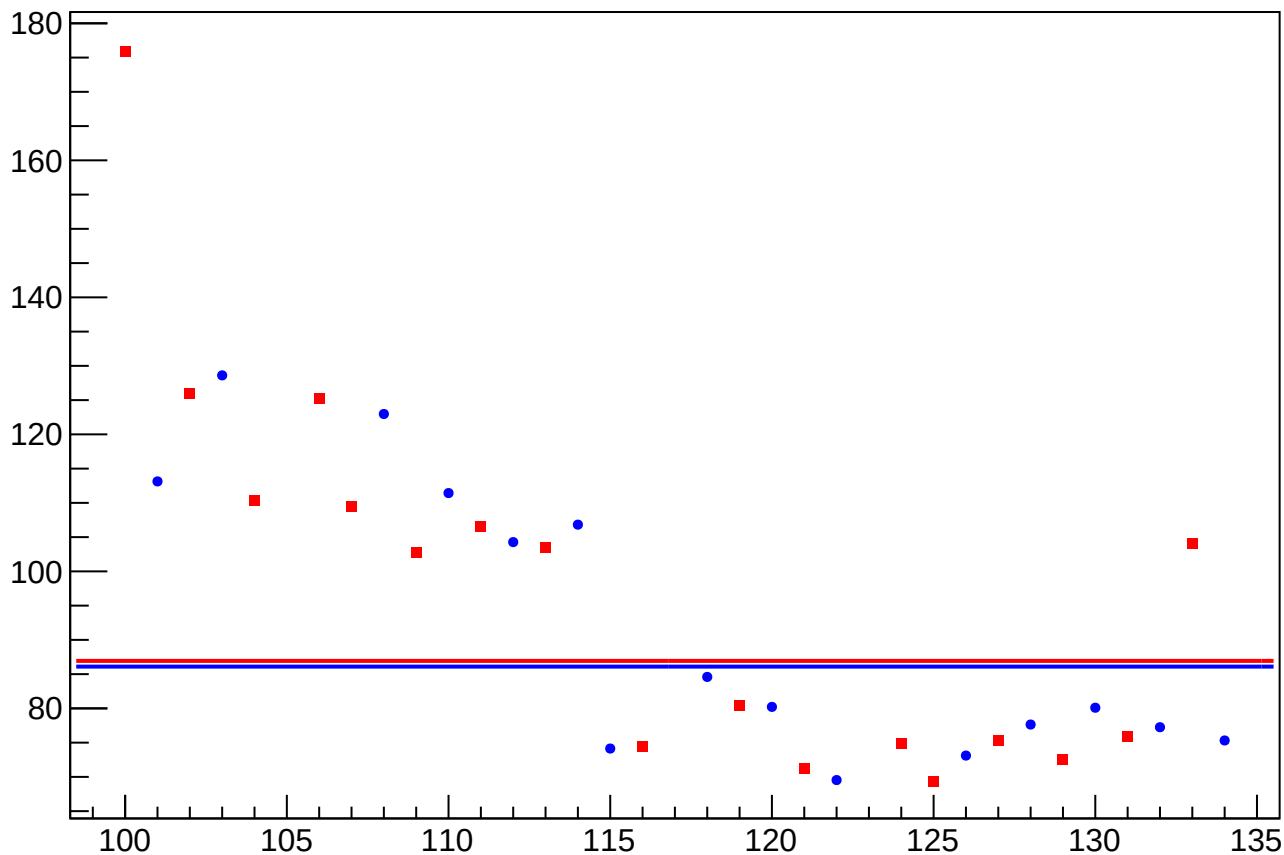
Right: -33.235 ± 24.502 χ^2/NDF : 32.4/31

In: -70.829 ± 35.012 χ^2/NDF : 14.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.235 ± 24.502 χ^2/NDF : 32.4/31

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 86.100+/-0.025 χ^2/NDF : 480204.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.933+/-0.024 χ^2/NDF : 573618.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

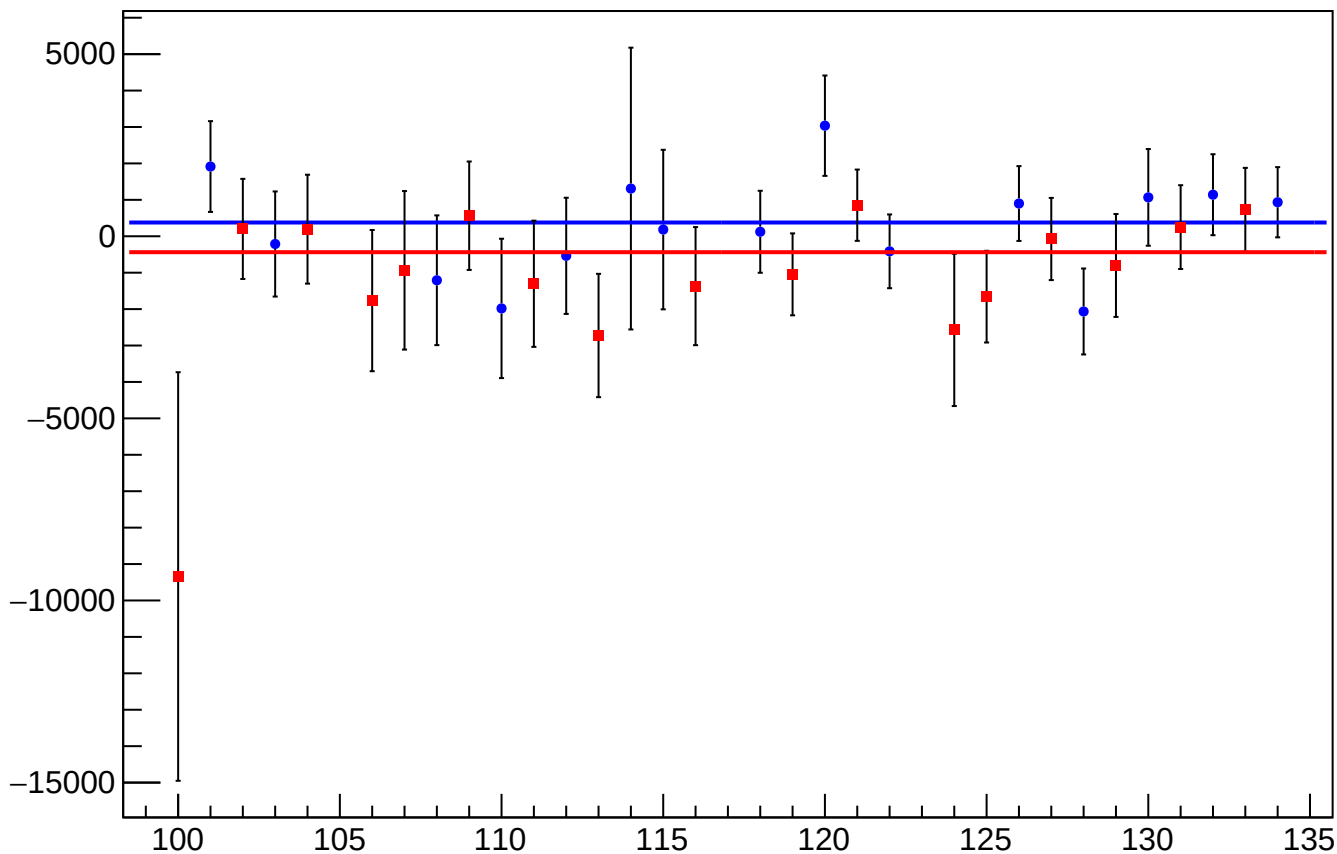
Right: 86.525+/-0.017 χ^2/NDF : 1054400.7/31

In: 86.100+/-0.025 χ^2/NDF : 480204.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.525+/-0.017 χ^2/NDF : 1054400.7/31

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 377.547 $\pm$ 337.242 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -437.378 $\pm$ 343.137 χ^2 /NDF: 11.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

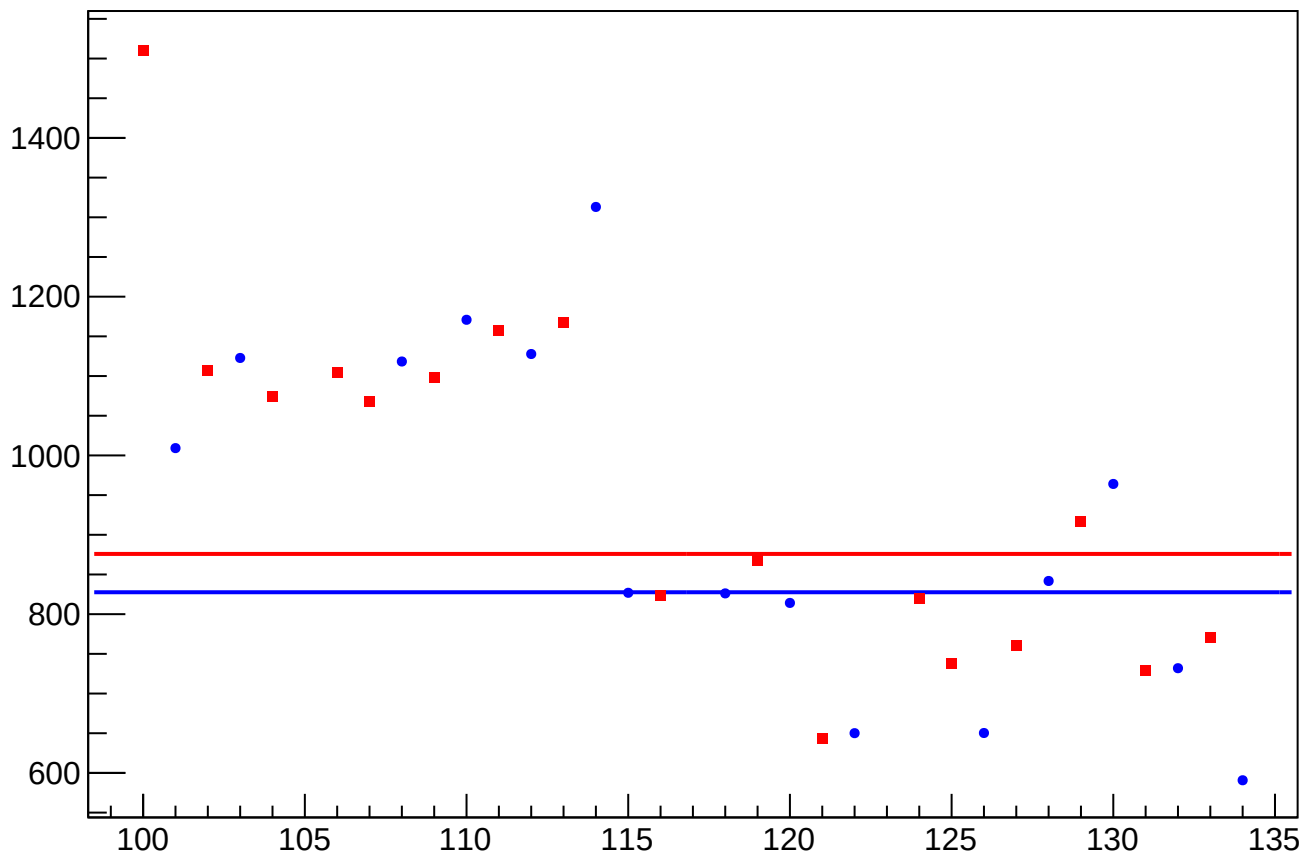
Right: -22.855 $\pm$ 240.523 χ^2 /NDF: 29.1/31

In: 377.547 $\pm$ 337.242 χ^2 /NDF:14.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.855 $\pm$ 240.523 χ^2 /NDF: 29.1/31

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 827.615 $\pm$ 0.238 χ^2 /NDF: 624500.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 875.894 $\pm$ 0.243 χ^2 /NDF: 529437.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

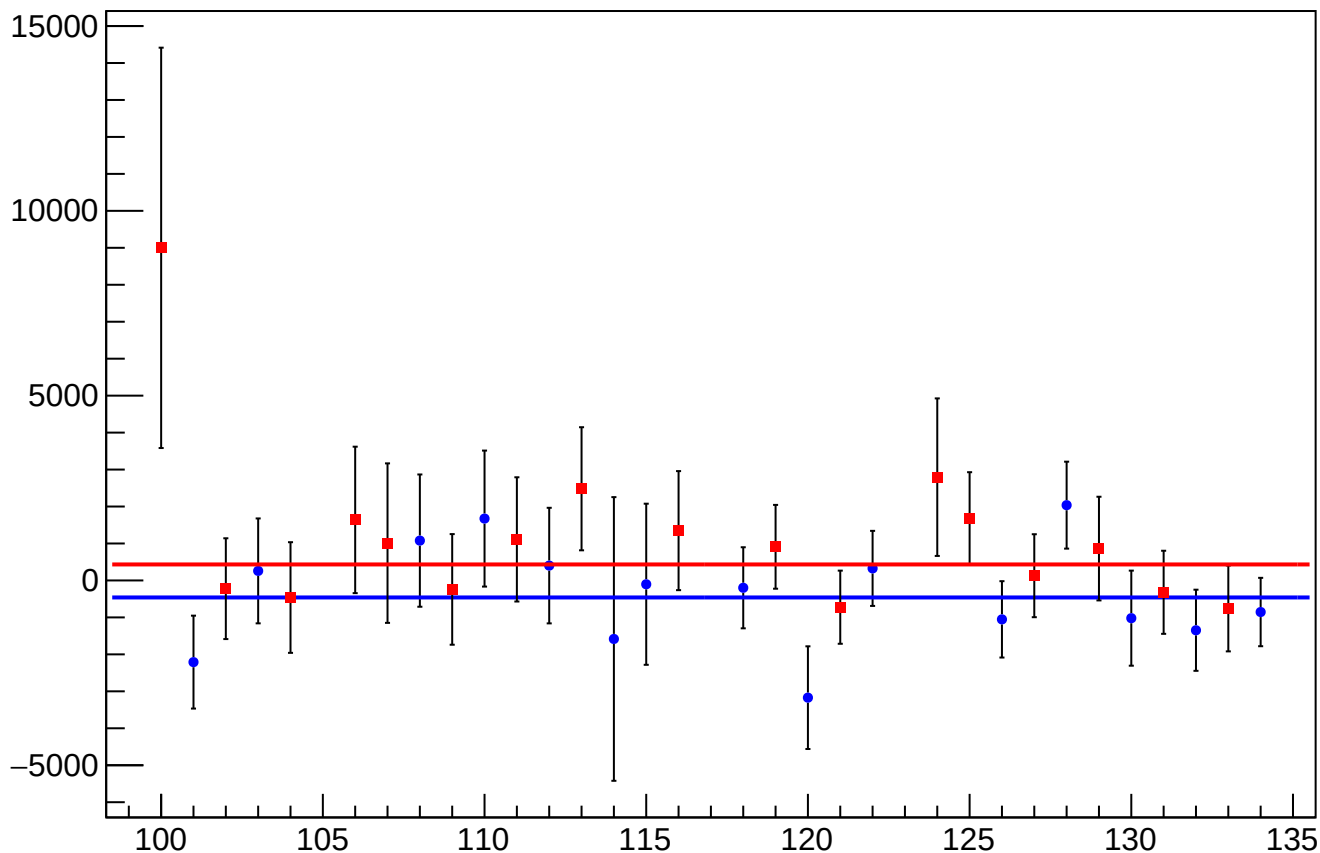
Right: 851.336 $\pm$ 0.170 χ^2 /NDF: 1174076.9/31

In: 827.615 $\pm$ 0.238 χ^2 /NDF:624500.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 851.336 $\pm$ 0.170 χ^2 /NDF: 1174076.9/31

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -460.224+/-333.208 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 432.899+/-342.461 χ^2/NDF : 11.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

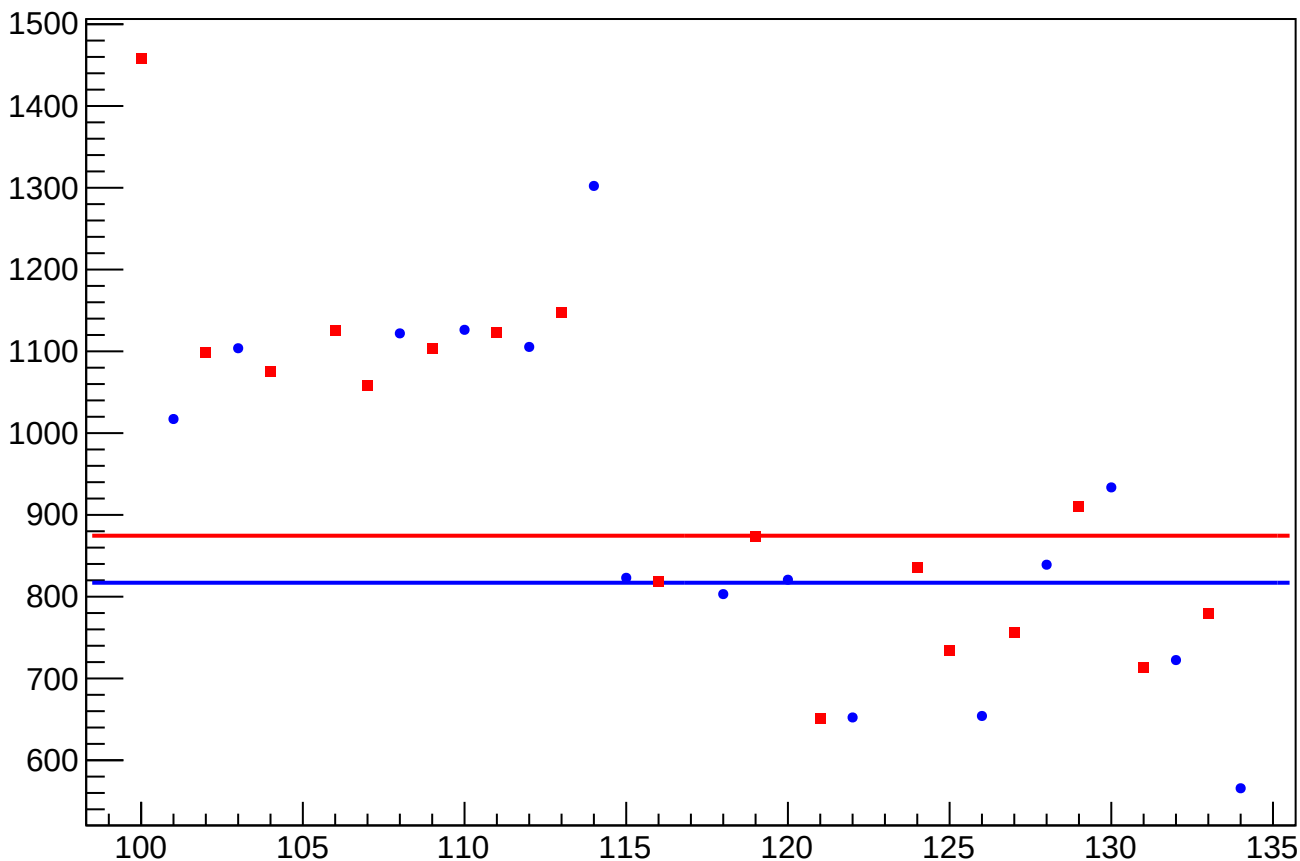
Right: -25.892+/-238.818 χ^2/NDF : 29.7/31

In: -460.224+/-333.208 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.892+/-238.818 χ^2/NDF : 29.7/31

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 817.048+/-0.236 χ^2/NDF : 629275.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.552+/-0.242 χ^2/NDF : 512741.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

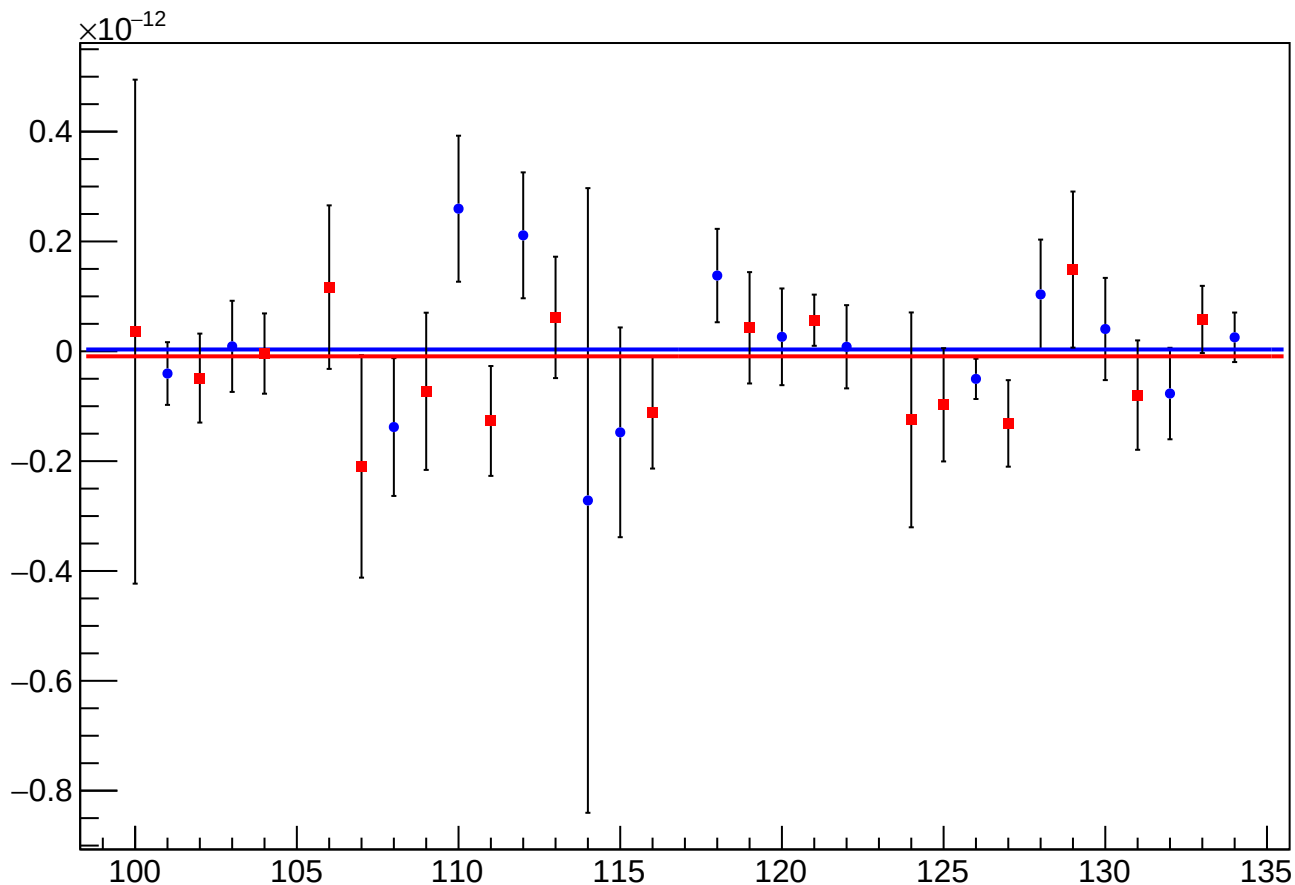
Right: 845.013+/-0.169 χ^2/NDF : 1170984.5/31

In: 817.048+/-0.236 χ^2/NDF : 629275.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.013+/-0.169 χ^2/NDF : 1170984.5/31

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

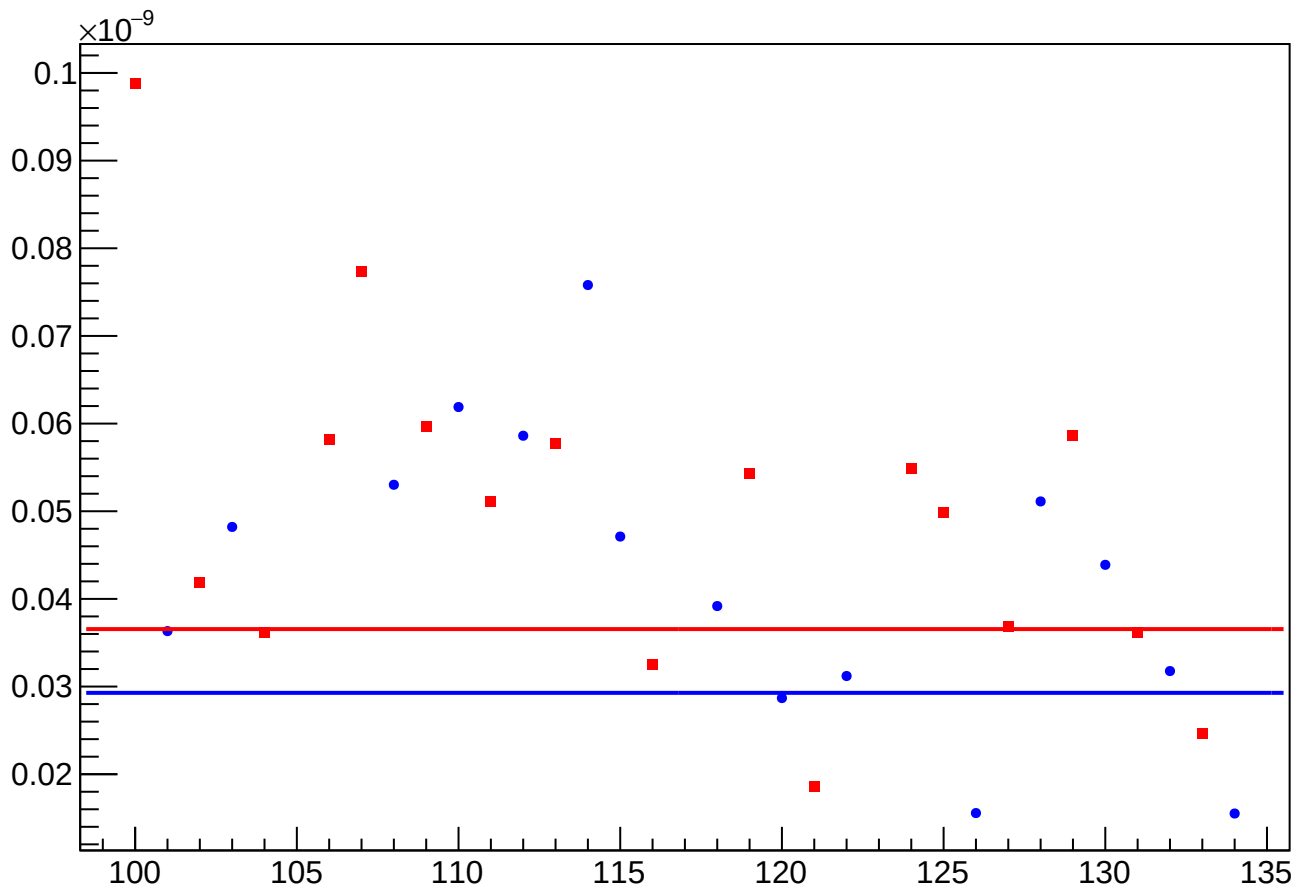
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/31

In: 0.000 $\pm$ 0.000 χ^2 /NDF:16.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/31

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1130240.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 875620.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

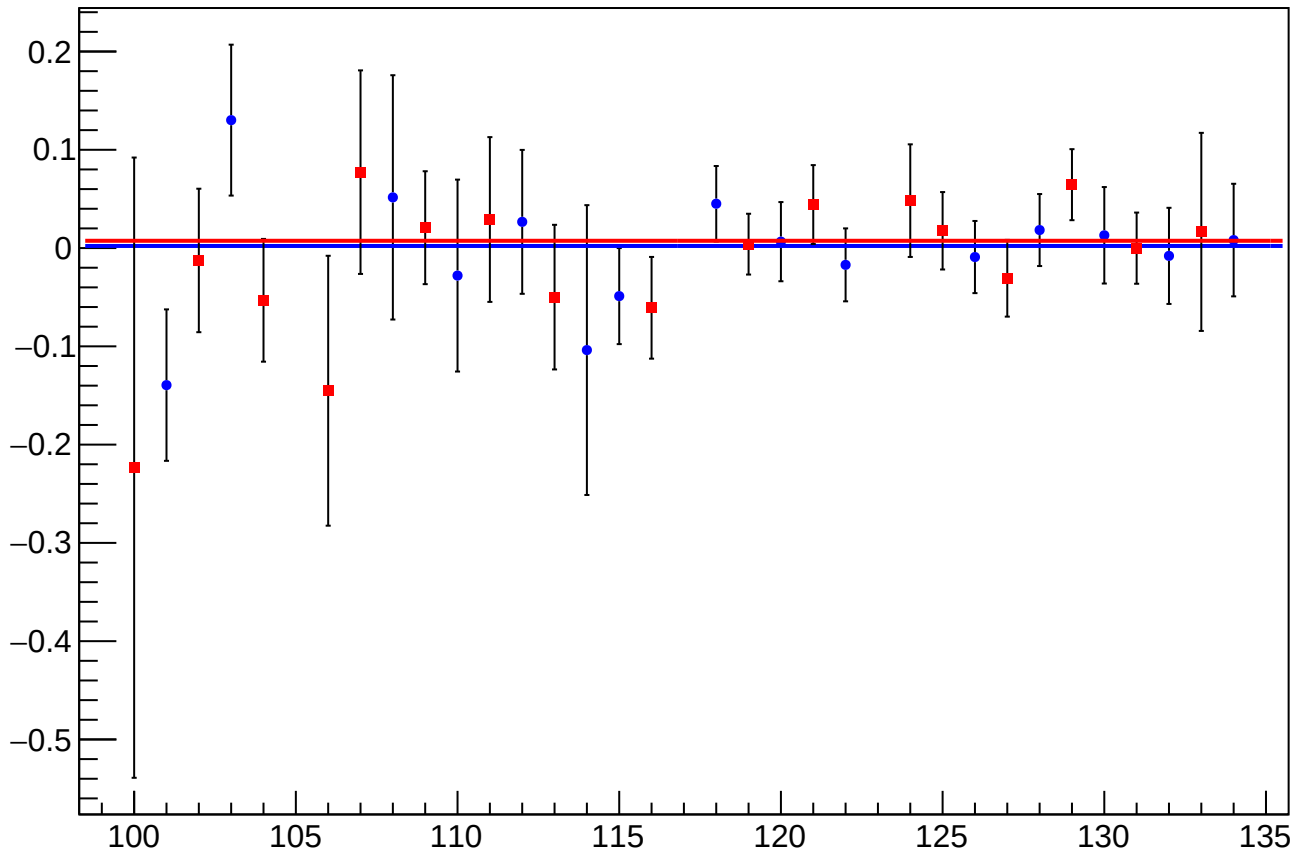
Right: 0.000+/-0.000 χ^2/NDF : 2127643.3/31

In: 0.000+/-0.000 χ^2/NDF : 1130240.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2127643.3/31

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

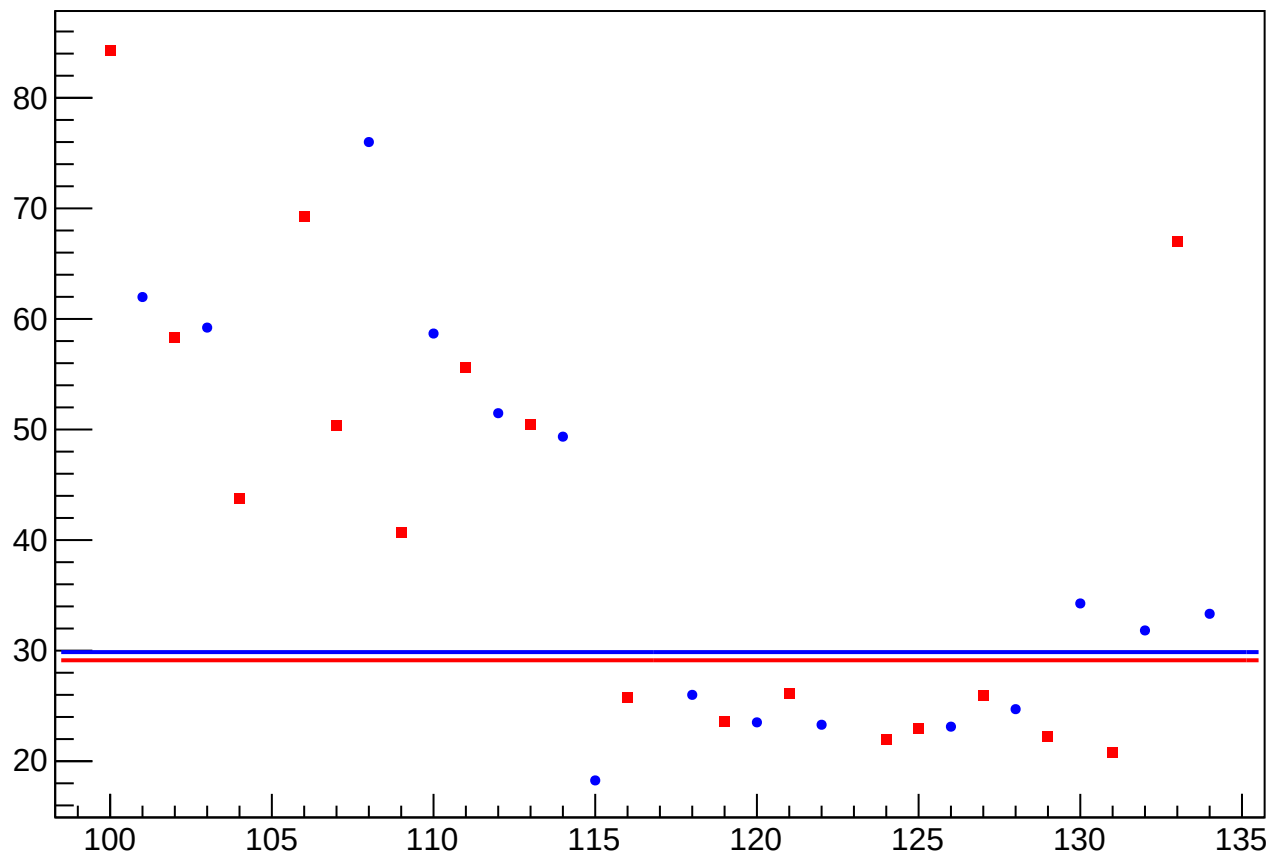
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.868+/-0.009 χ^2/NDF : 1677862.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.128+/-0.009 χ^2/NDF : 1832949.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

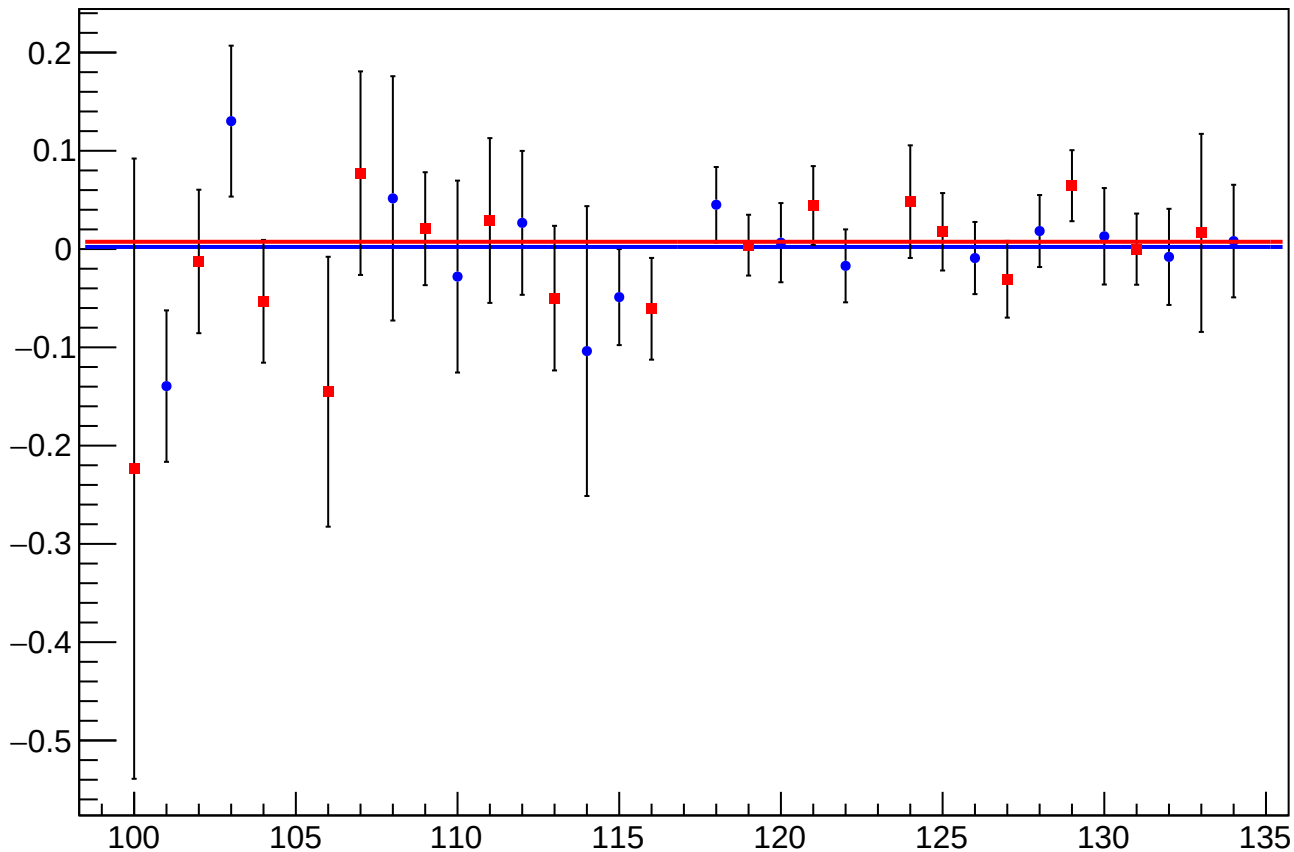
Right: 29.477+/-0.006 χ^2/NDF : 3514169.2/31

In: 29.868+/-0.009 χ^2/NDF :1677862.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.477+/-0.006 χ^2/NDF : 3514169.2/31

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

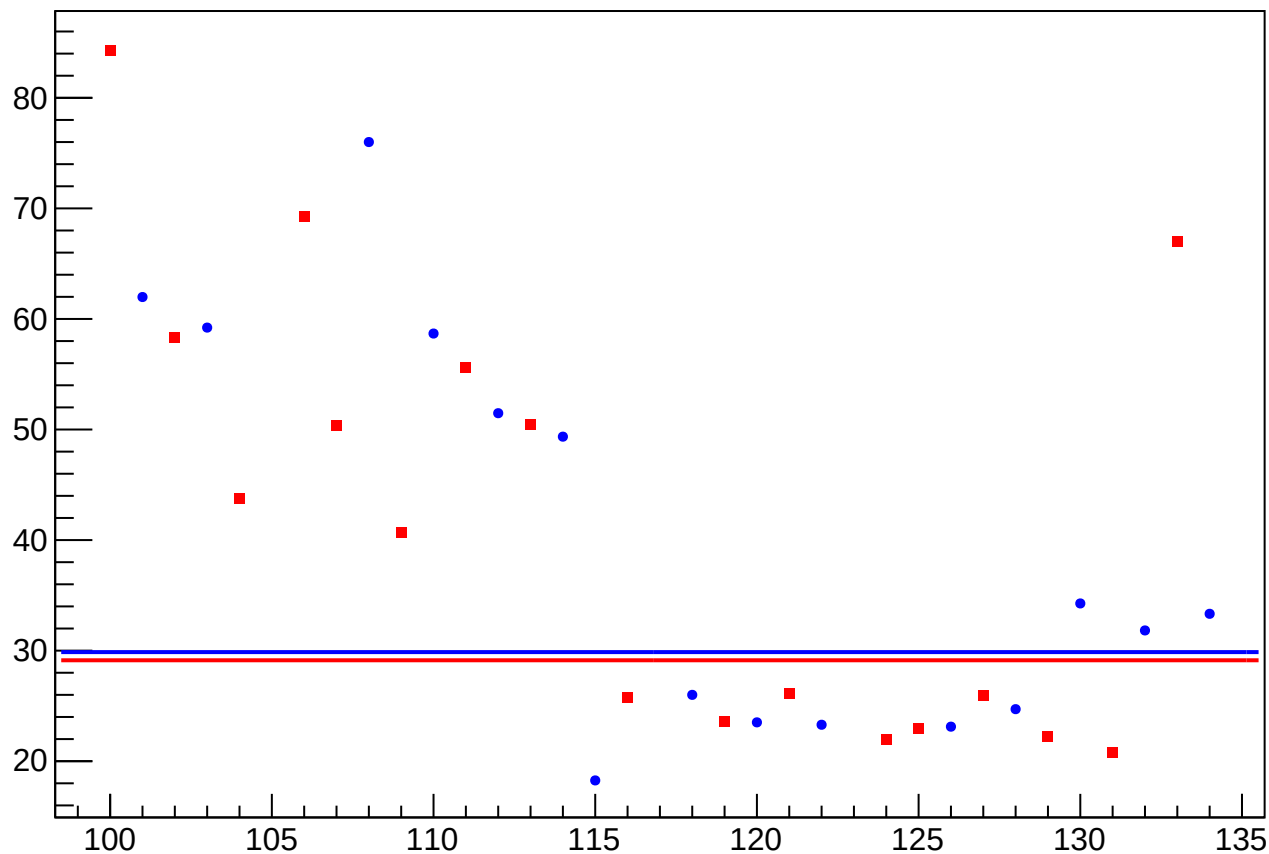
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.868+/-0.009 χ^2/NDF : 1677862.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.128+/-0.009 χ^2/NDF : 1832949.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

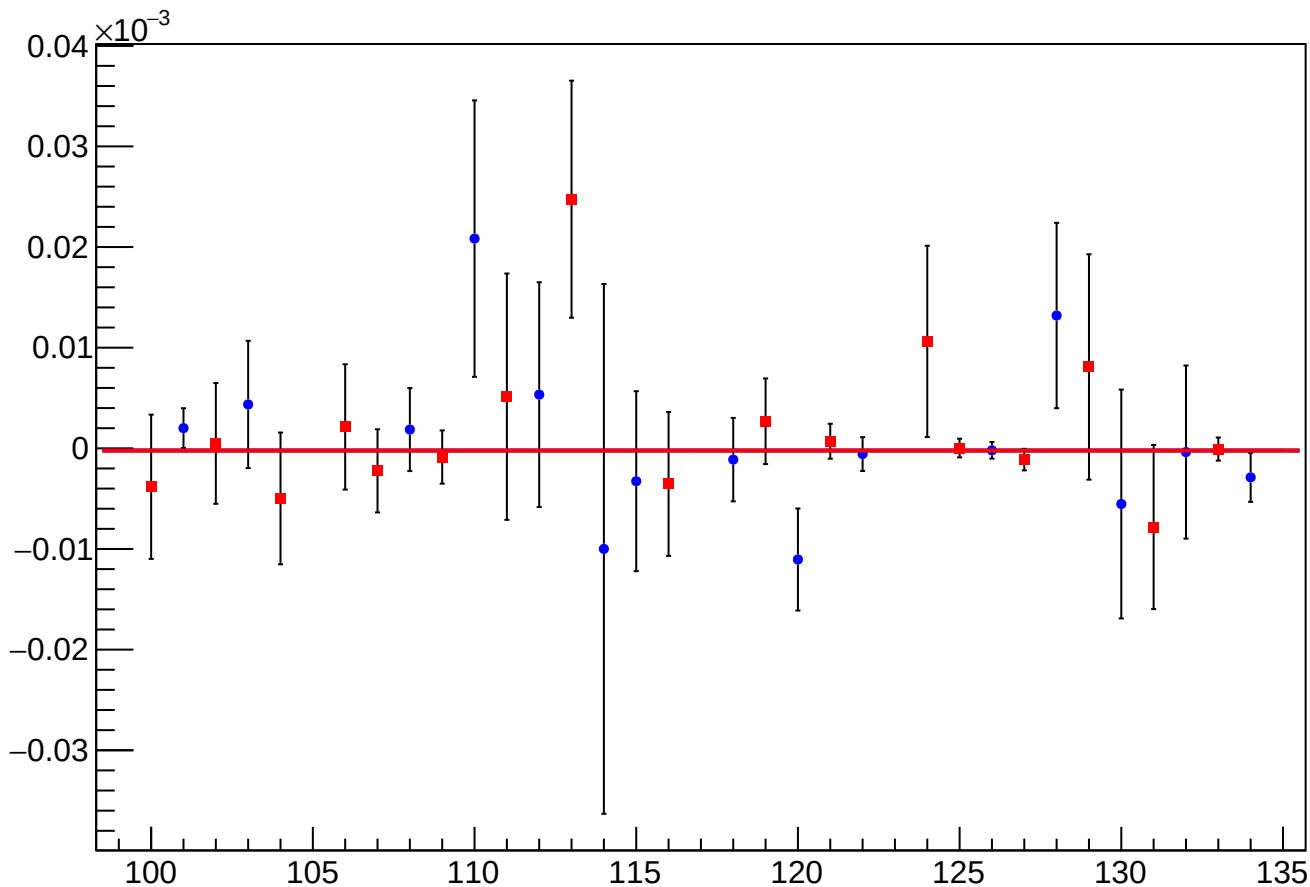
Right: 29.477+/-0.006 χ^2/NDF : 3514169.2/31

In: 29.868+/-0.009 χ^2/NDF : 1677862.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.477+/-0.006 χ^2/NDF : 3514169.2/31

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

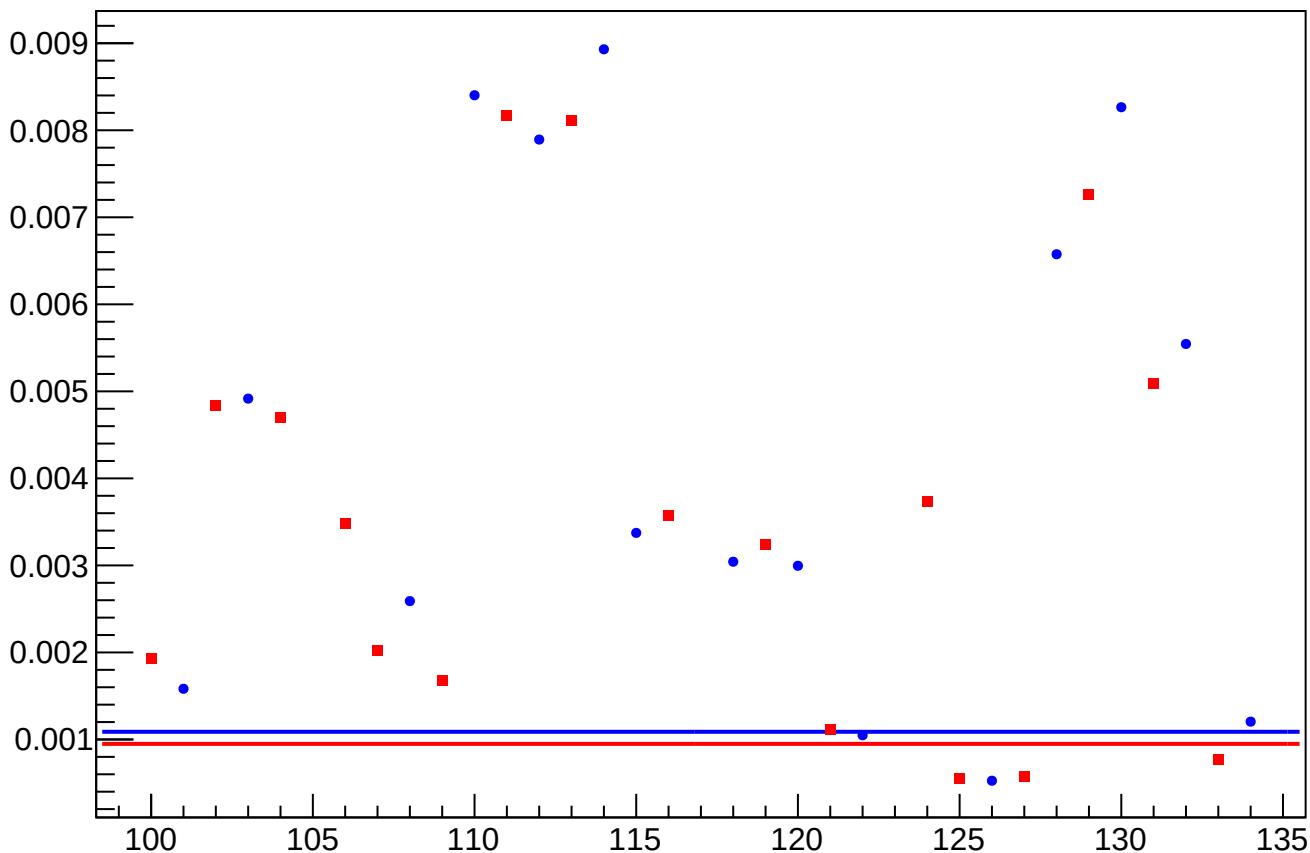
Right: -0.000+/-0.000 χ^2/NDF : 23.5/31

In: -0.000+/-0.000 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/31

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 6439814.1/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 6437601.5/16

Left 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 : 12933653.4/31

In: 0.001+/-0.000

χ^2/NDF : 6439814.1/14

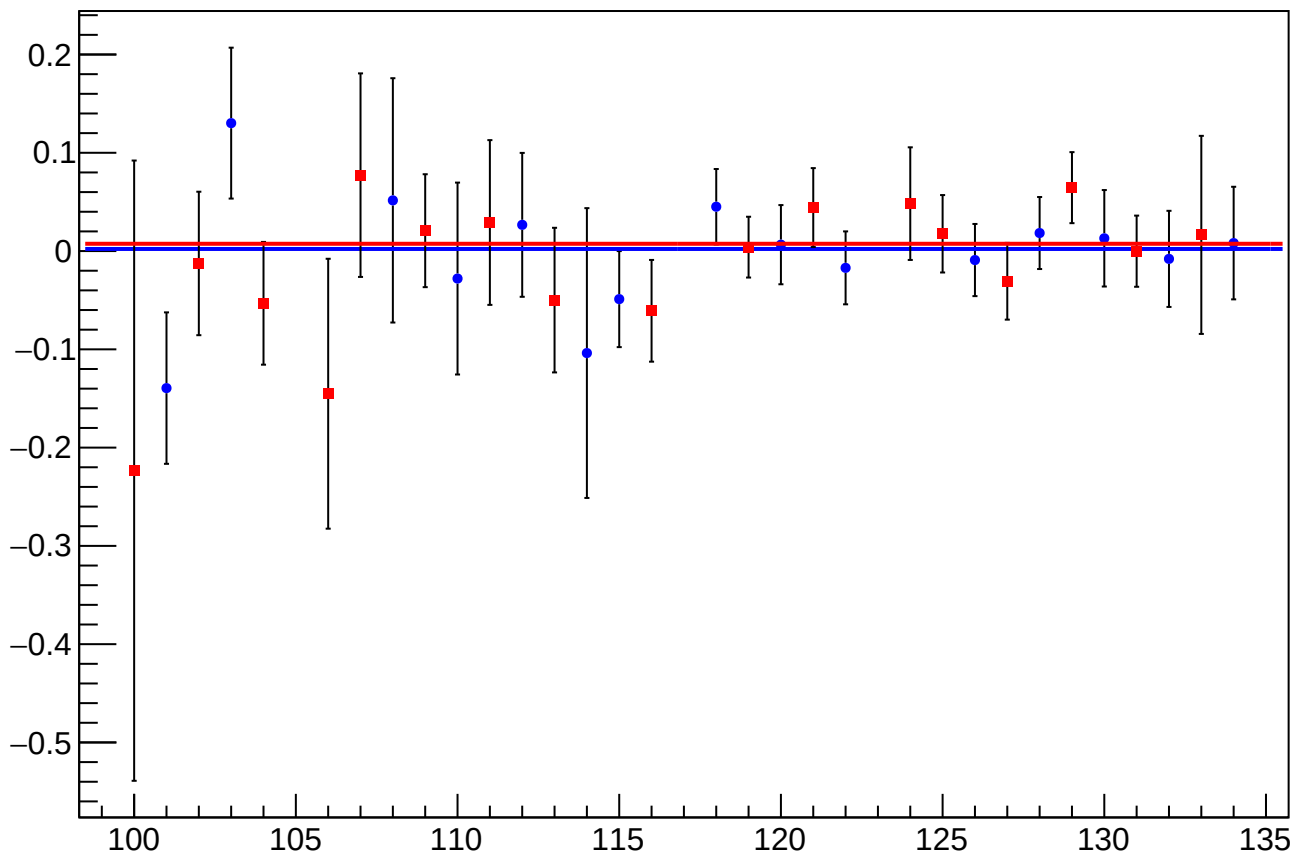
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 12933653.4/31

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

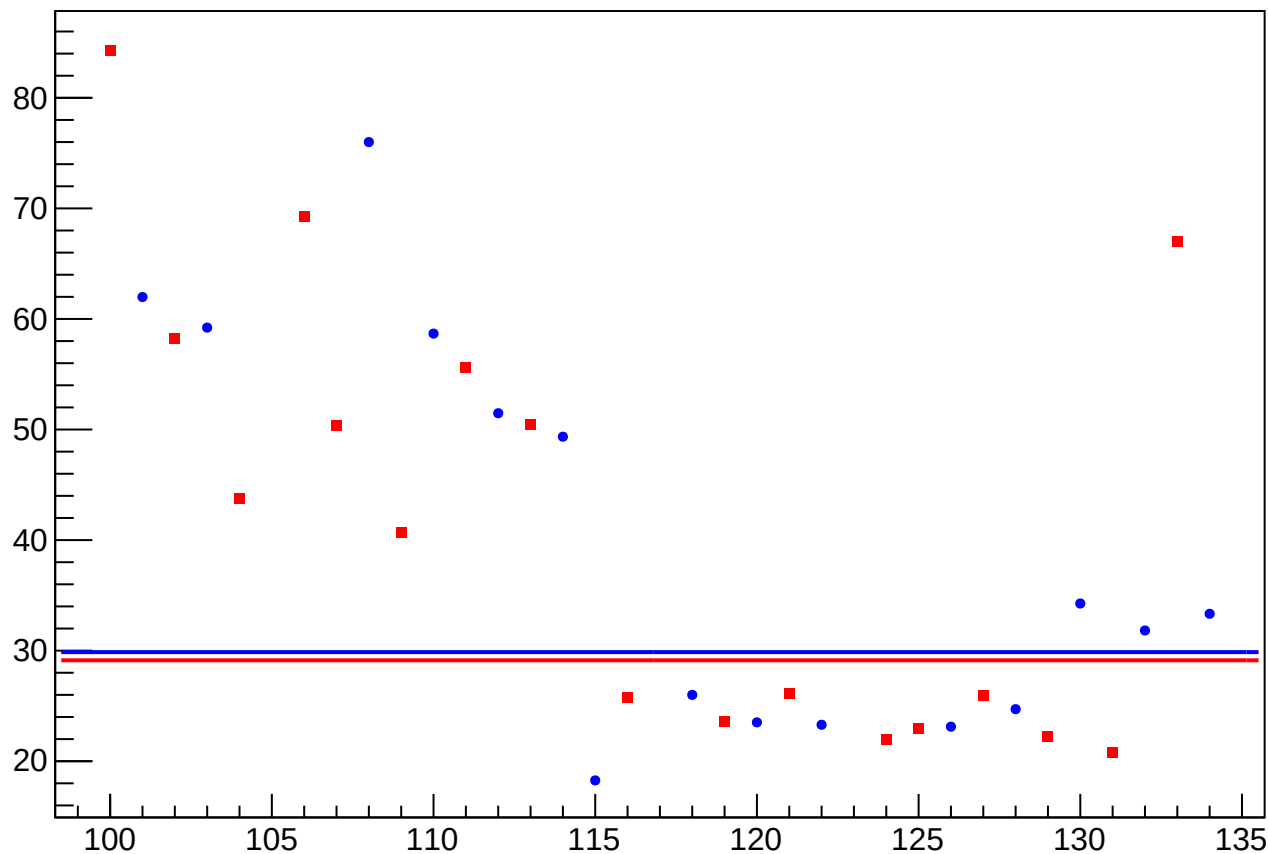
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.868+/-0.009 χ^2/NDF : 1677680.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.127+/-0.009 χ^2/NDF : 1832945.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

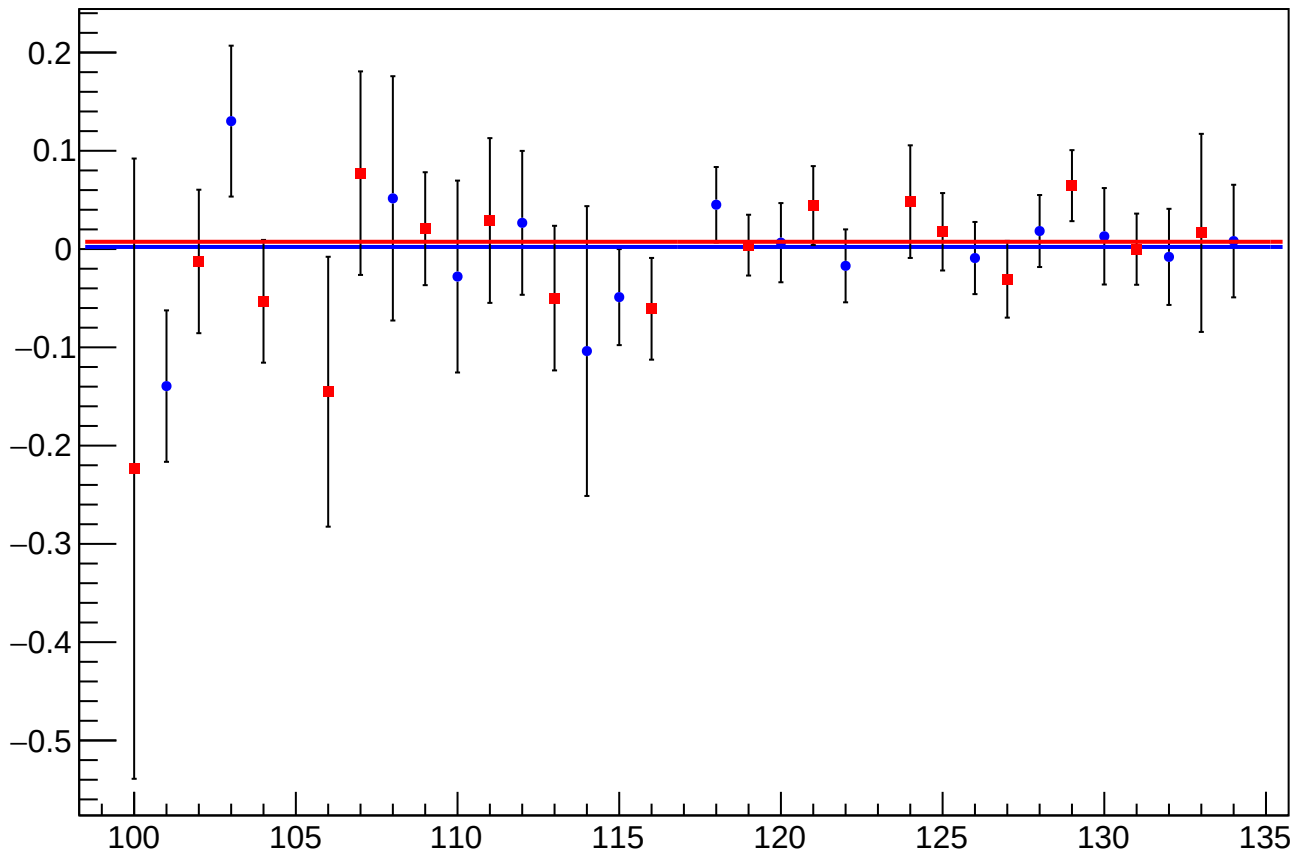
Right: 29.476+/-0.006 χ^2/NDF : 3513990.3/31

In: 29.868+/-0.009 χ^2/NDF : 1677680.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.476+/-0.006 χ^2/NDF : 3513990.3/31

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

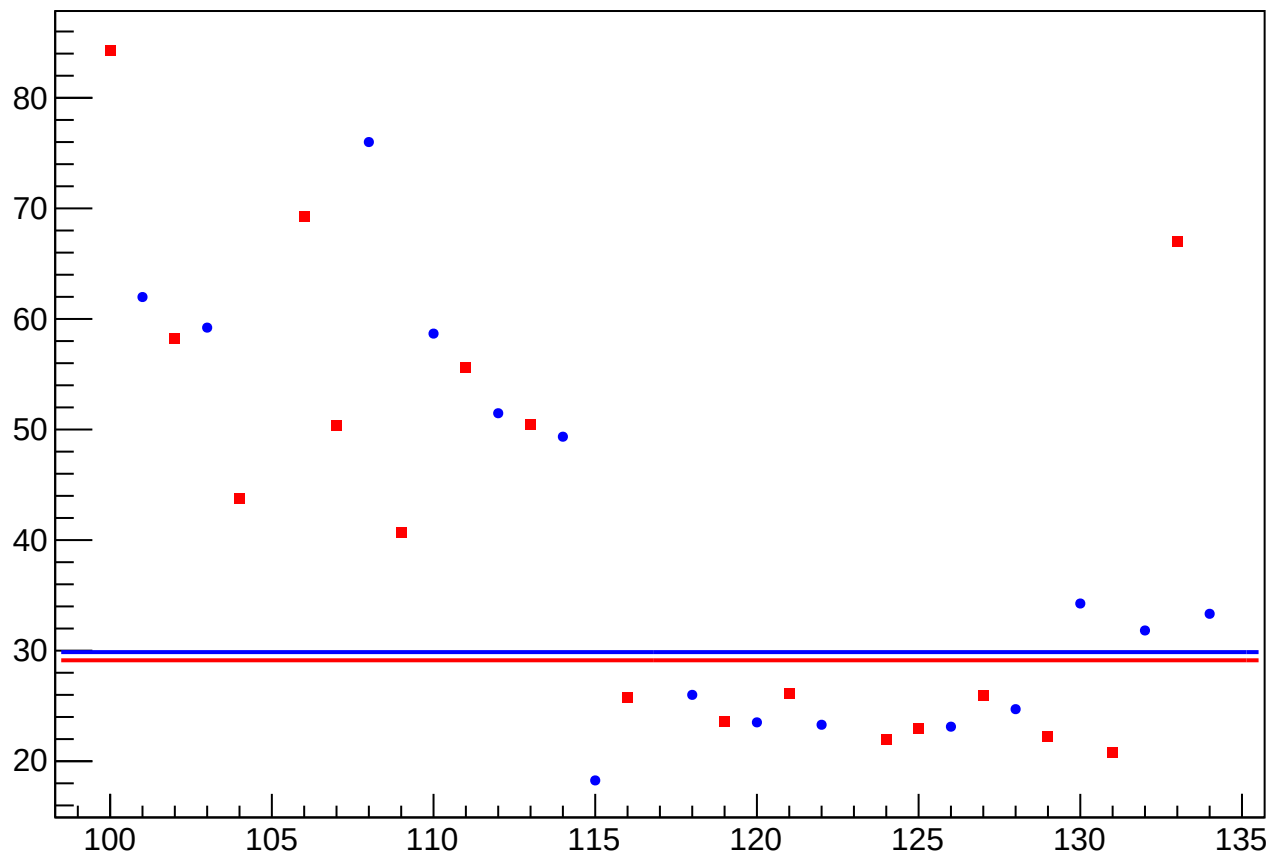
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/31

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.868+/-0.009 χ^2/NDF : 1677680.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.127+/-0.009 χ^2/NDF : 1832945.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

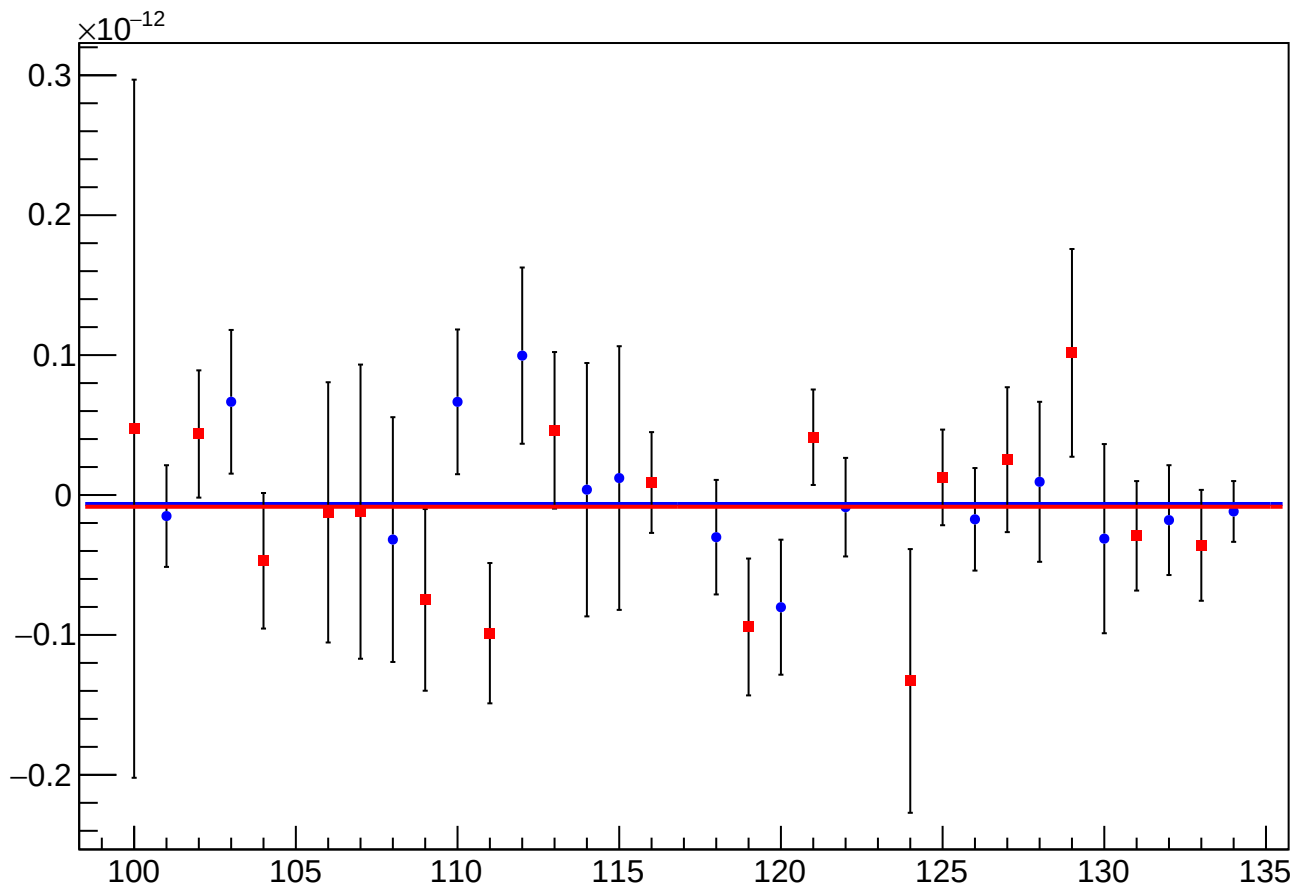
Right: 29.476+/-0.006 χ^2/NDF : 3513990.3/31

In: 29.868+/-0.009 χ^2/NDF :1677680.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.476+/-0.006 χ^2/NDF : 3513990.3/31

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

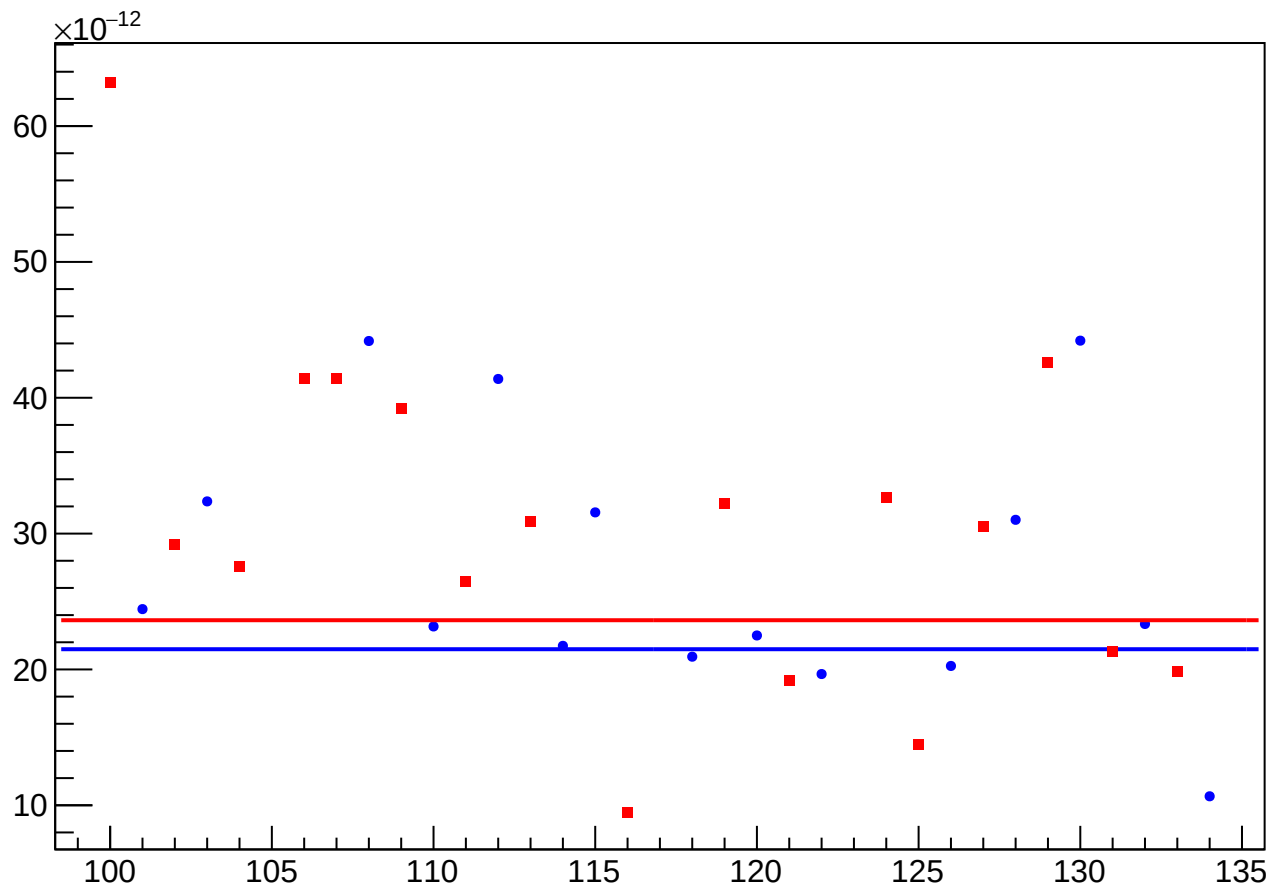
Right: -0.000+/-0.000 χ^2/NDF : 28.4/31

In: -0.000+/-0.000 χ^2/NDF : 10.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/31

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1253598.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1139245.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

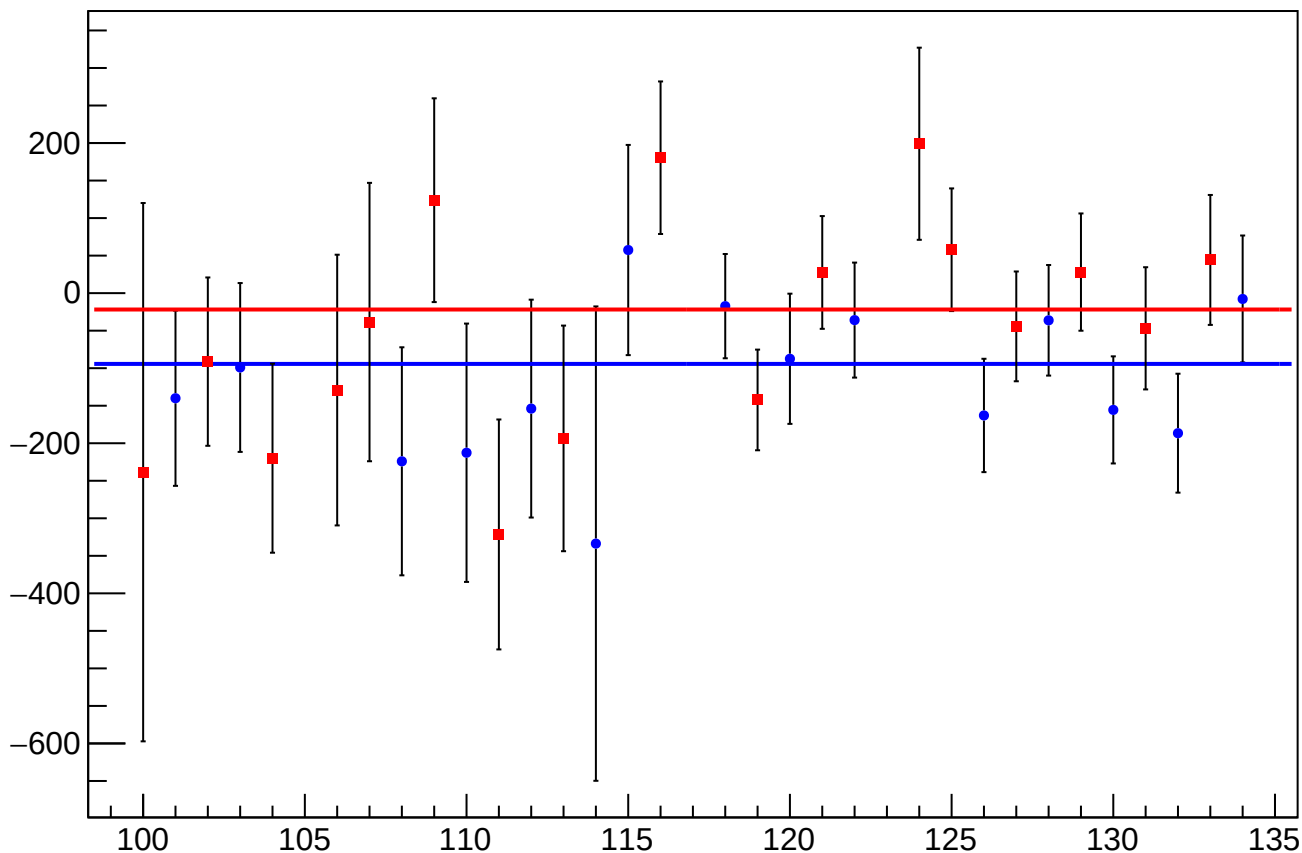
Right: 0.000+/-0.000 χ^2/NDF : 2426718.7/31

In: 0.000+/-0.000 χ^2/NDF : 1253598.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2426718.7/31

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -94.298 ± 24.228 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.809 ± 24.300 χ^2/NDF : 22.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

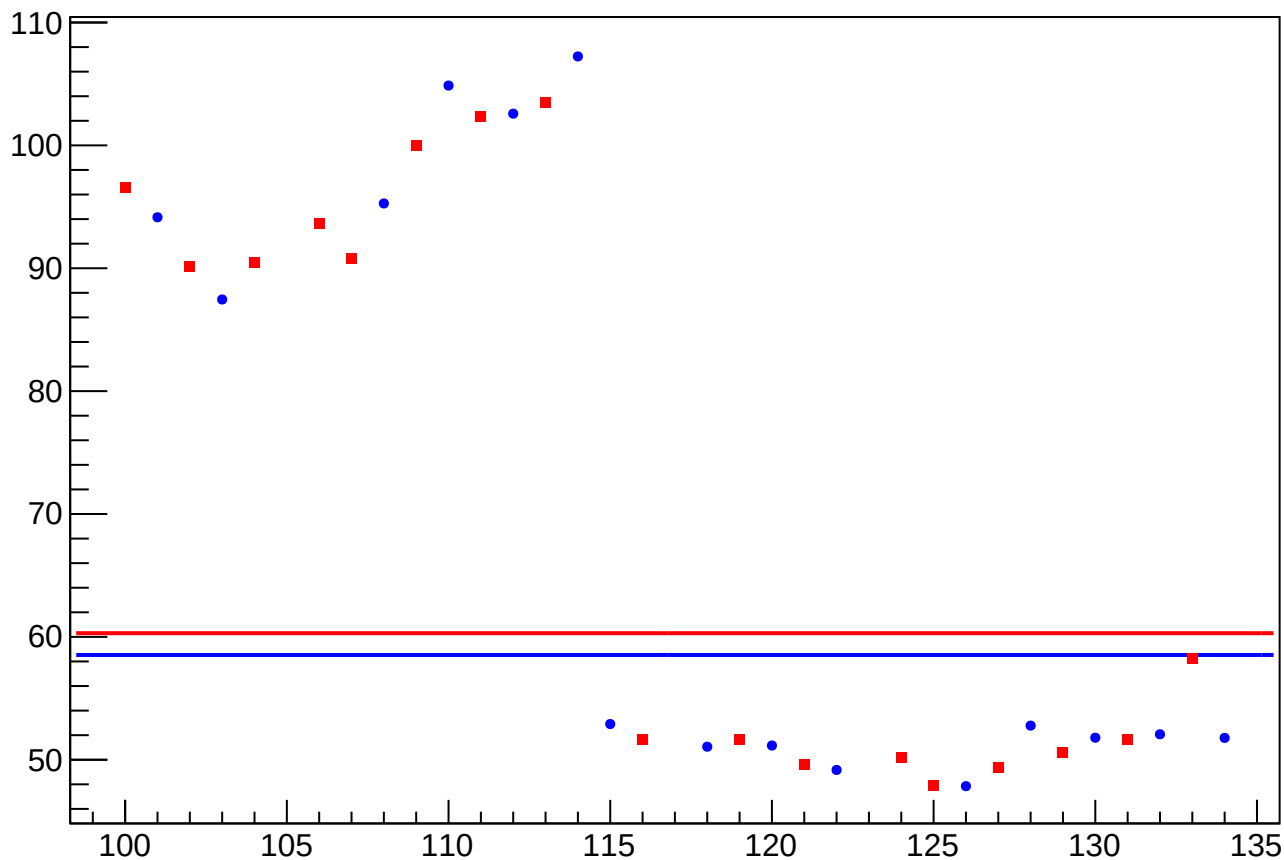
Right: -58.161 ± 17.157 χ^2/NDF : 36.7/31

In: -94.298 ± 24.228 χ^2/NDF : 9.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.161 ± 17.157 χ^2/NDF : 36.7/31

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 58.528+/-0.017 χ^2/NDF : 978690.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.300+/-0.017 χ^2/NDF : 1131692.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

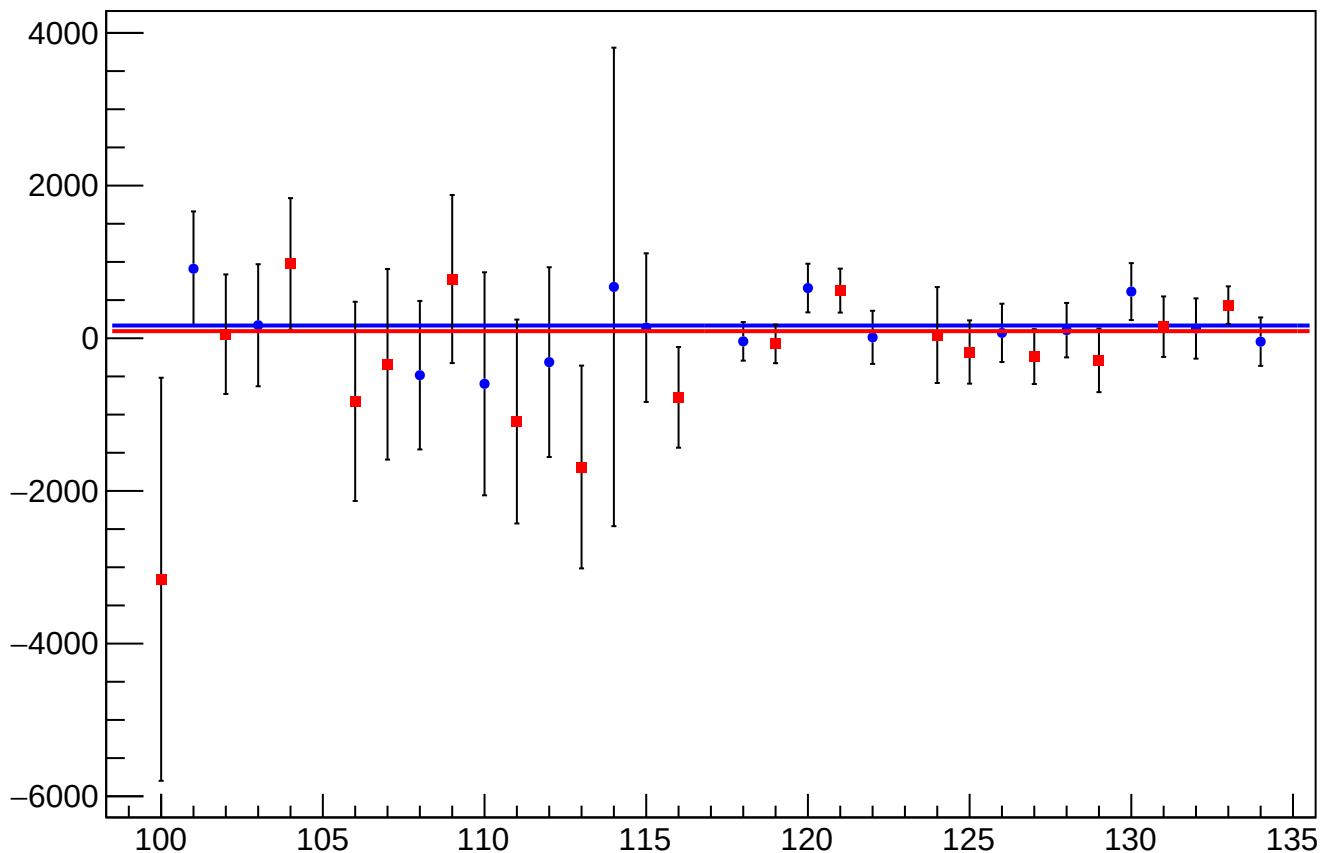
Right: 59.411+/-0.012 χ^2/NDF : 2115715.2/31

In: 58.528+/-0.017 χ^2/NDF : 978690.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.411+/-0.012 χ^2/NDF : 2115715.2/31

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 166.871+/-112.707 χ^2/NDF : 7.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.337+/-111.028 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

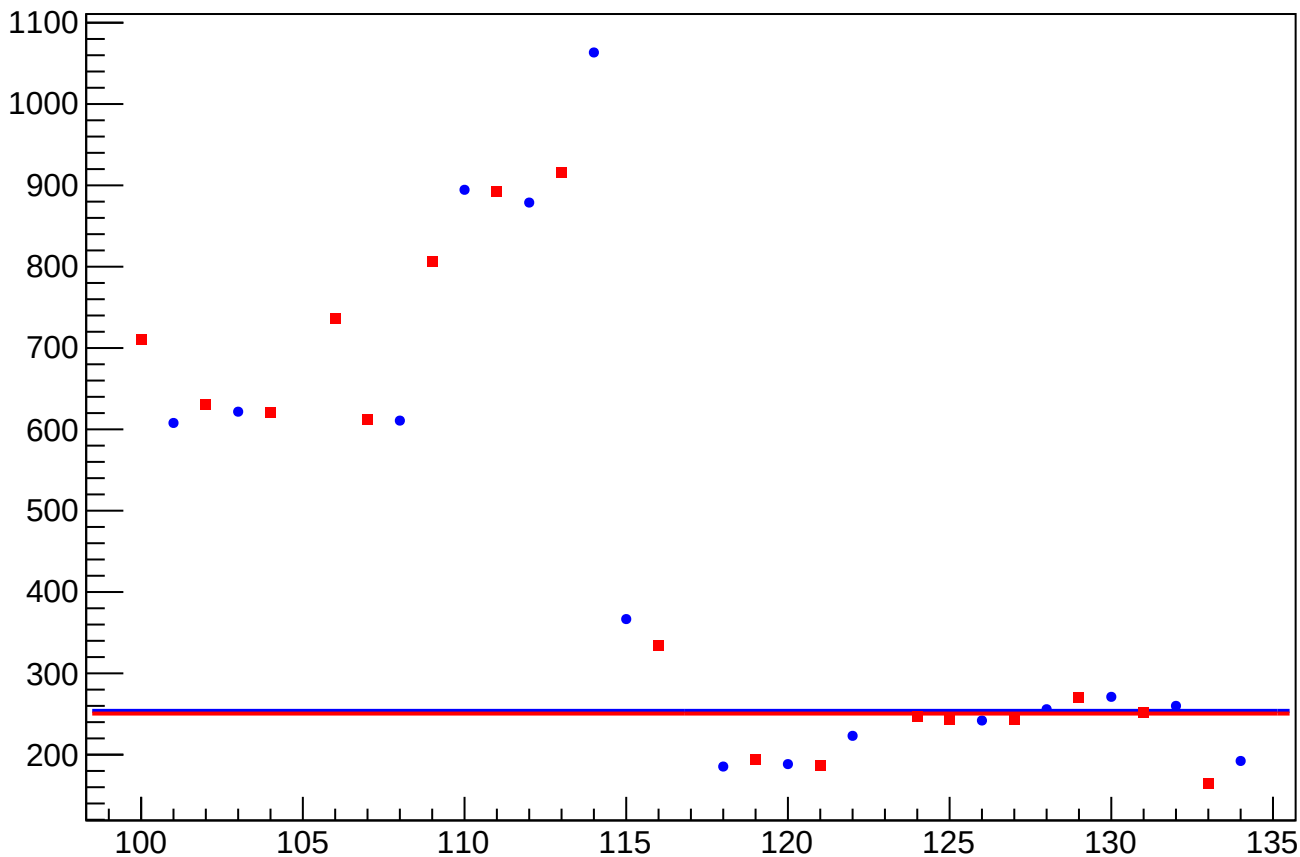
Right: 129.552+/-79.096 χ^2/NDF : 23.1/31

In: 166.871+/-112.707 χ^2/NDF : 7.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.552+/-79.096 χ^2/NDF : 23.1/31

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 253.874+/-0.080 χ^2/NDF : 2517326.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.548+/-0.079 χ^2/NDF : 3301197.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

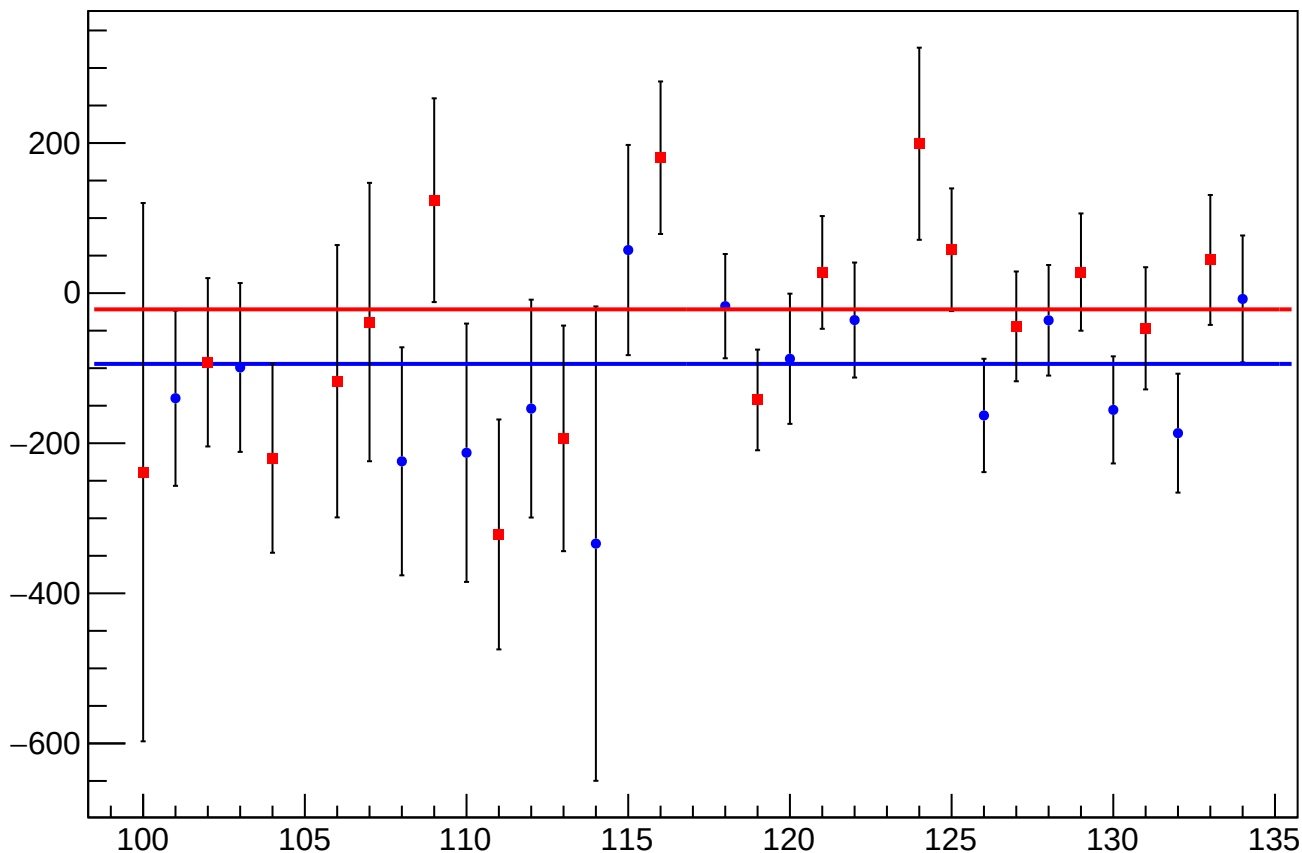
Right: 252.186+/-0.056 χ^2/NDF : 5819408.4/31

In: 253.874+/-0.080 χ^2/NDF : 2517326.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.186+/-0.056 χ^2/NDF : 5819408.4/31

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -94.295 ± 24.228 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.616 ± 24.303 χ^2/NDF : 22.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

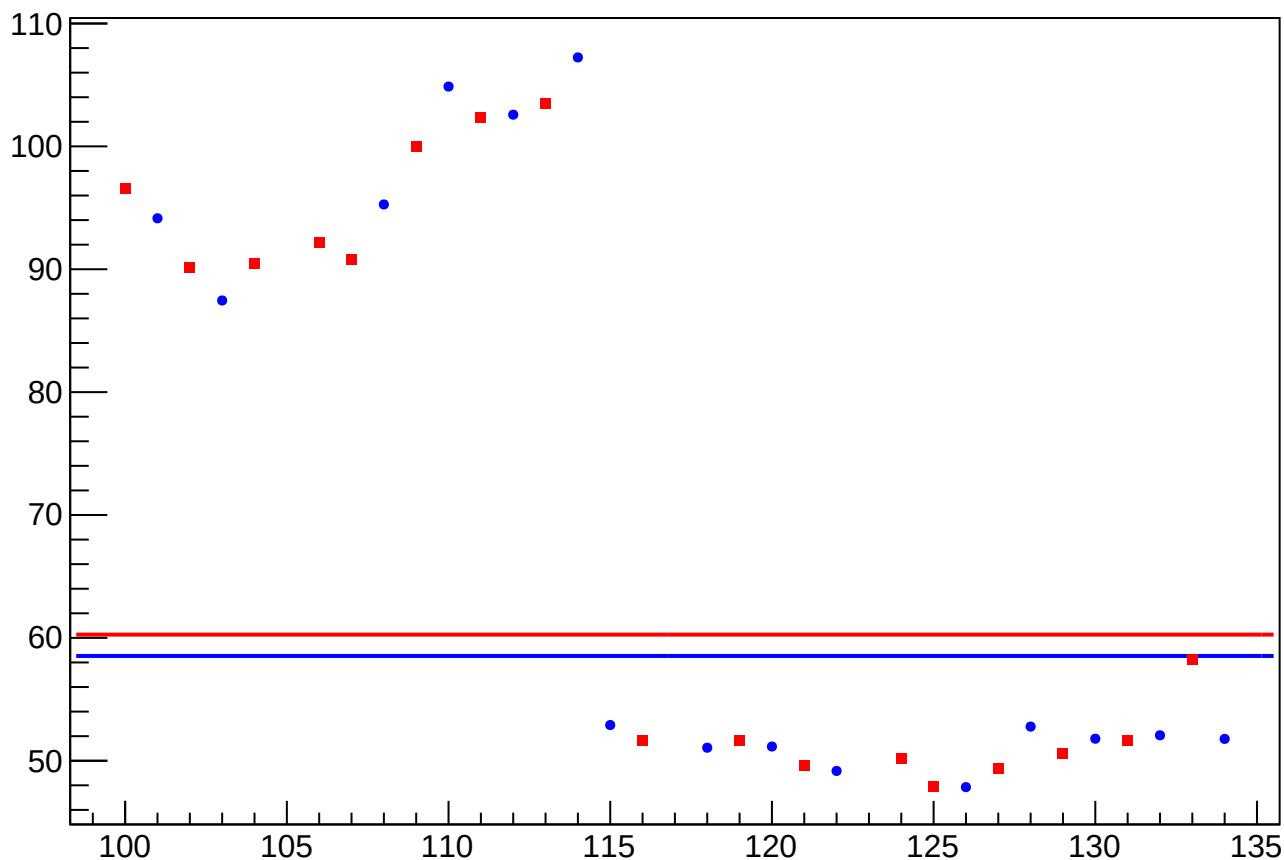
Right: -58.068 ± 17.158 χ^2/NDF : 36.7/31

In: -94.295 ± 24.228 χ^2/NDF : 9.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.068 ± 17.158 χ^2/NDF : 36.7/31

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 58.528+/-0.017 χ^2/NDF : 978691.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.265+/-0.017 χ^2/NDF : 1124938.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

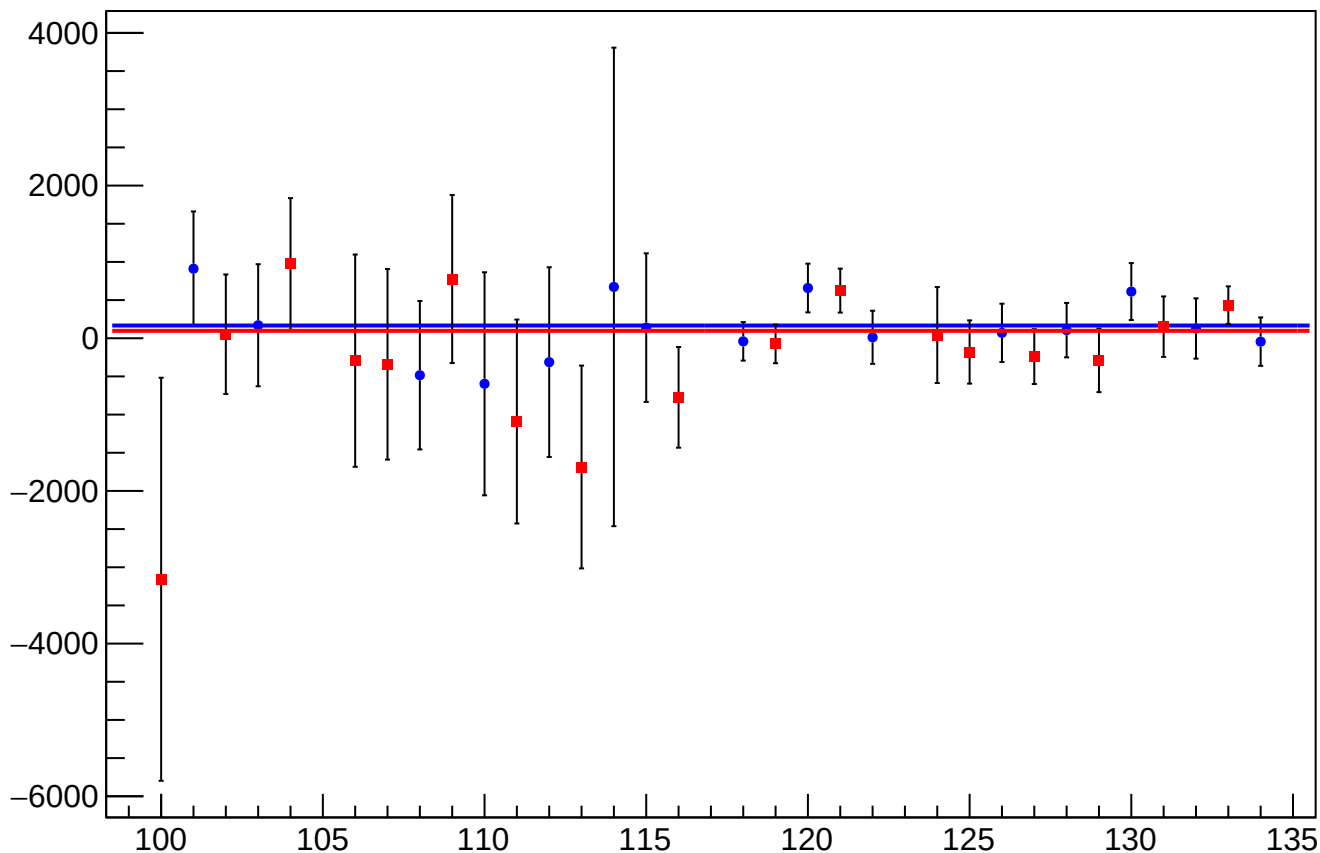
Right: 59.394+/-0.012 χ^2/NDF : 2108756.6/31

In: 58.528+/-0.017 χ^2/NDF : 978691.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.394+/-0.012 χ^2/NDF : 2108756.6/31

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 166.870 $\pm$ 112.707 χ^2 /NDF: 7.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.509 $\pm$ 111.077 χ^2 /NDF: 15.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

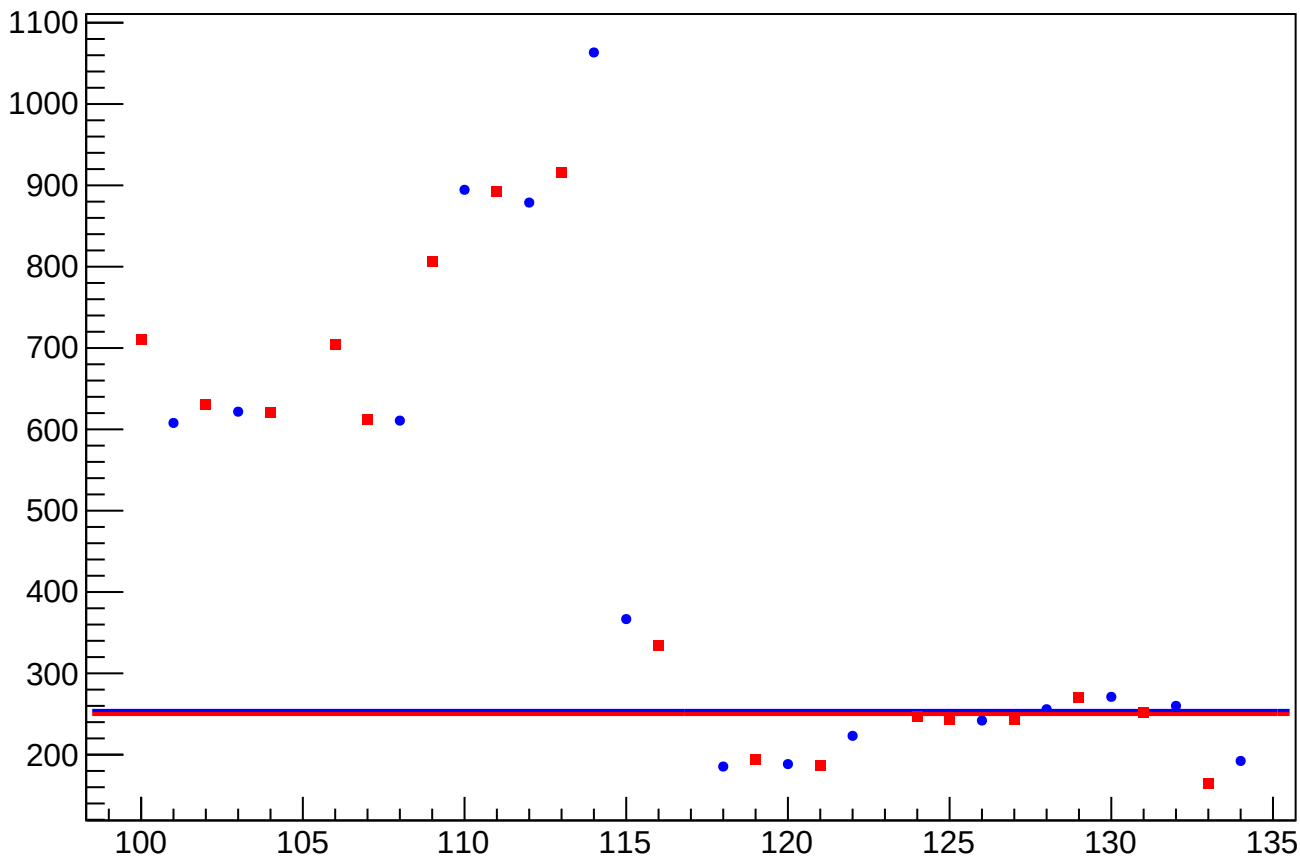
Right: 131.684 $\pm$ 79.113 χ^2 /NDF: 22.7/31

In: 166.870 $\pm$ 112.707 χ^2 /NDF:7.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.684 $\pm$ 79.113 χ^2 /NDF: 22.7/31

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 253.874+/-0.080 χ^2/NDF : 2517336.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 249.924+/-0.079 χ^2/NDF : 3237249.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

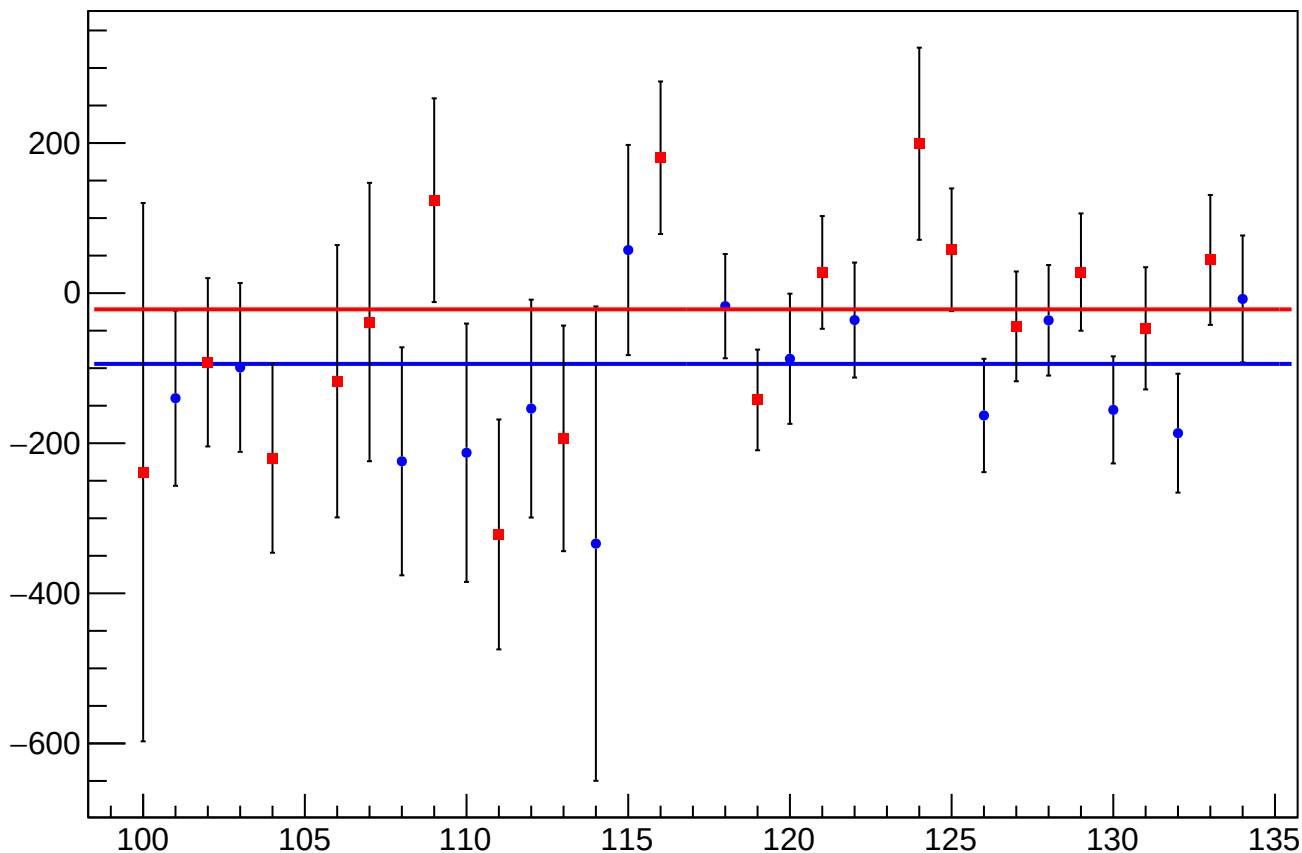
Right: 251.870+/-0.056 χ^2/NDF : 5755832.7/31

In: 253.874+/-0.080 χ^2/NDF :2517336.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 251.870+/-0.056 χ^2/NDF : 5755832.7/31

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -94.295+/-24.228 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.616+/-24.303 χ^2/NDF : 22.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

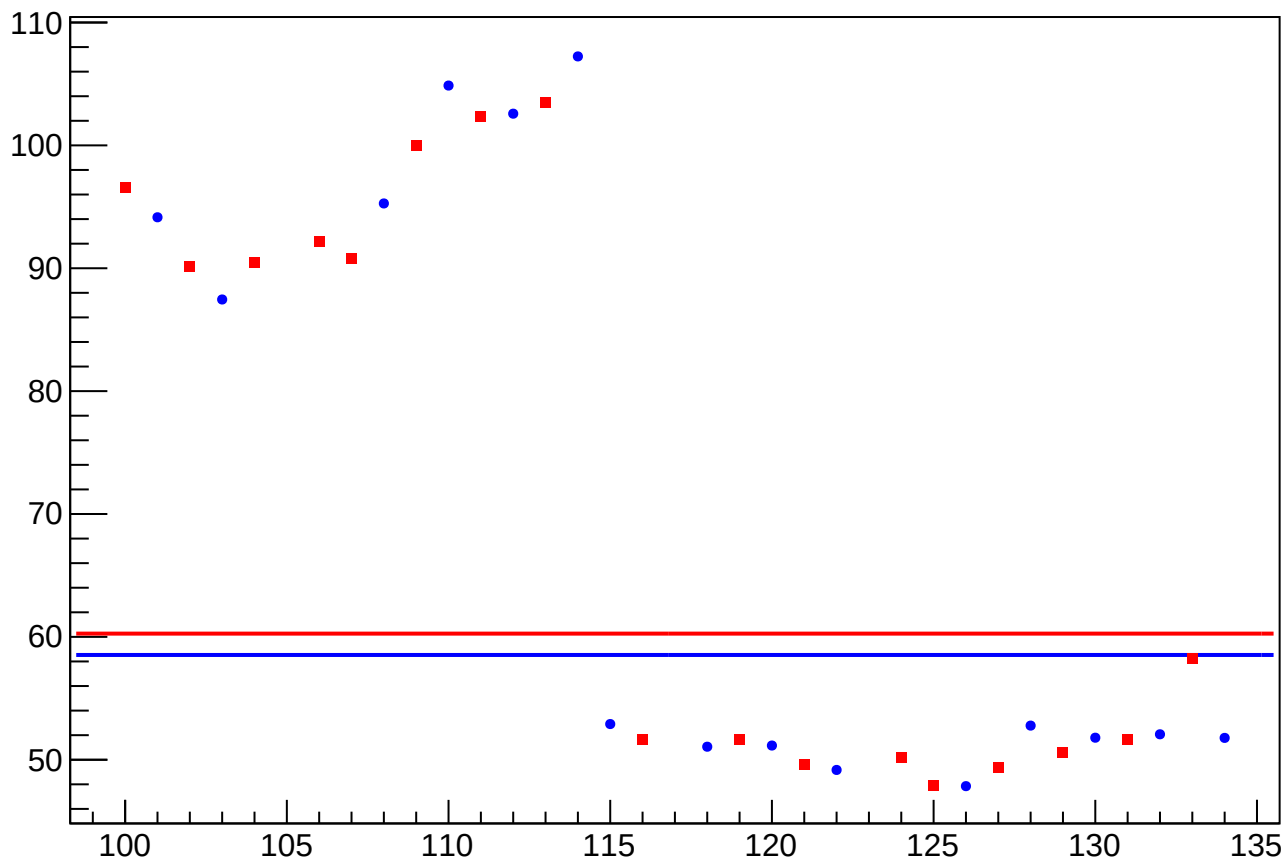
Right: -58.068+/-17.158 χ^2/NDF : 36.7/31

In: -94.295+/-24.228 χ^2/NDF :9.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -58.068+/-17.158 χ^2/NDF : 36.7/31

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 58.528+/-0.017 χ^2/NDF : 978691.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.265+/-0.017 χ^2/NDF : 1124938.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

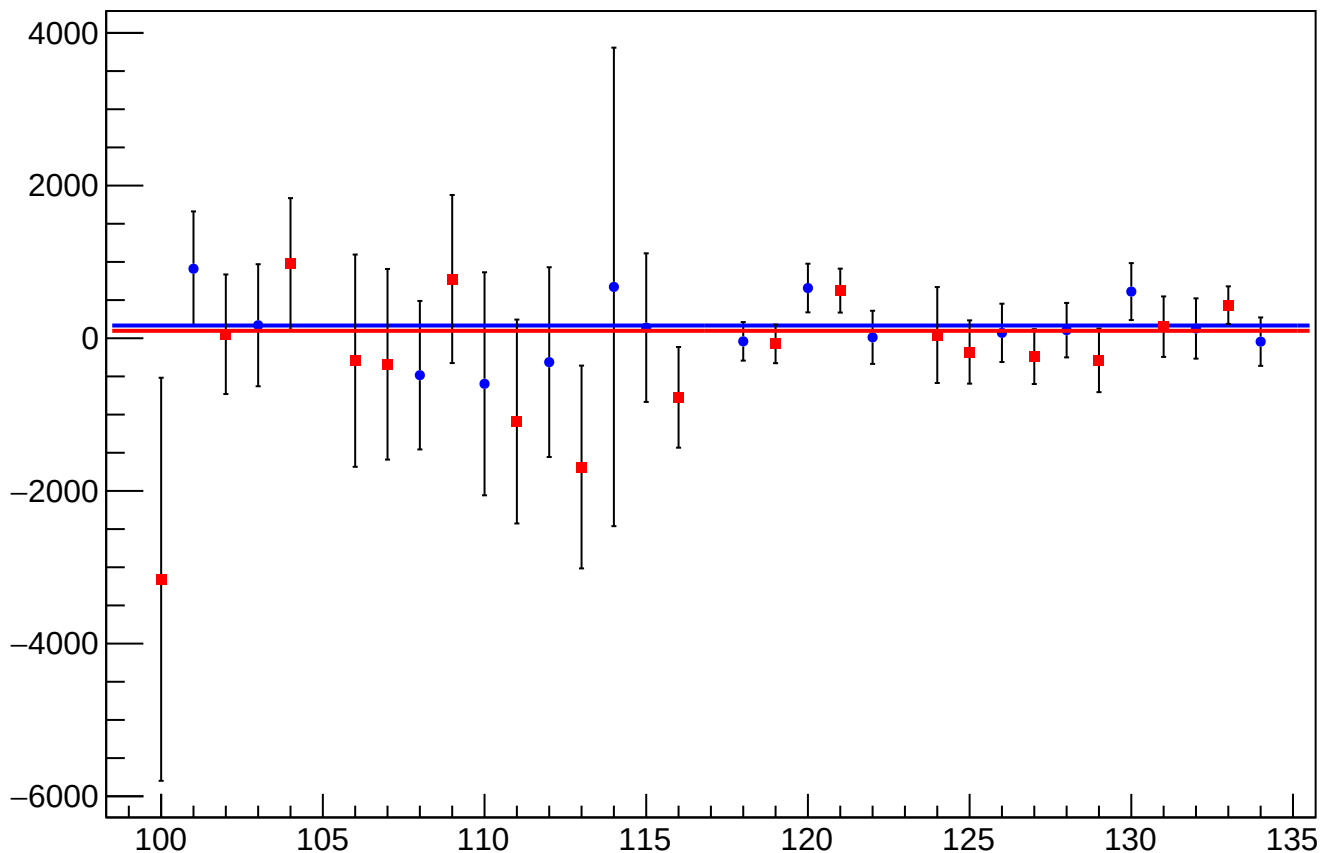
Right: 59.394+/-0.012 χ^2/NDF : 2108756.6/31

In: 58.528+/-0.017 χ^2/NDF : 978691.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.394+/-0.012 χ^2/NDF : 2108756.6/31

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 166.870 $\pm$ 112.707 χ^2 /NDF: 7.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.509 $\pm$ 111.077 χ^2 /NDF: 15.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

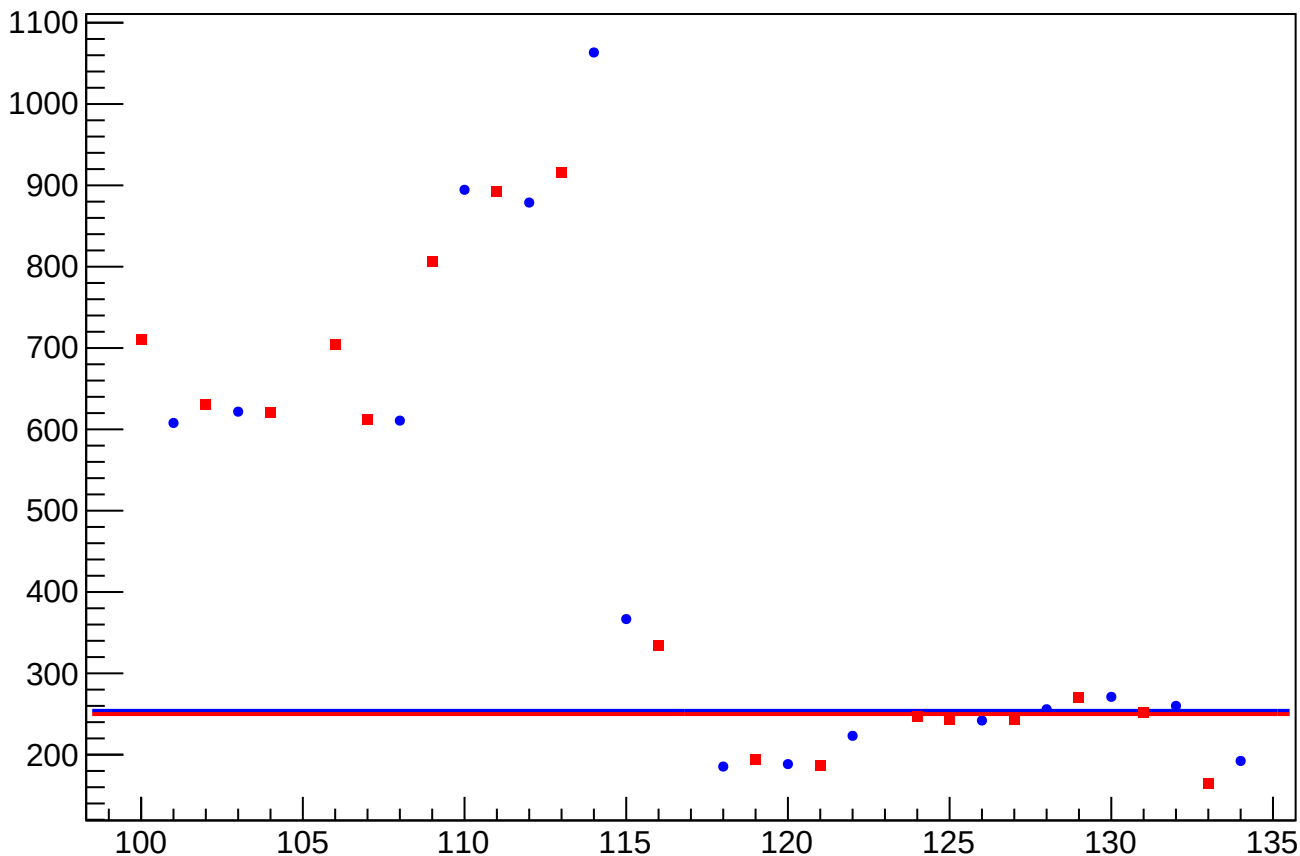
Right: 131.684 $\pm$ 79.113 χ^2 /NDF: 22.7/31

In: 166.870 $\pm$ 112.707 χ^2 /NDF:7.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.684 $\pm$ 79.113 χ^2 /NDF: 22.7/31

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 253.874+/-0.080 χ^2/NDF : 2517336.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.924+/-0.079 χ^2/NDF : 3237249.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

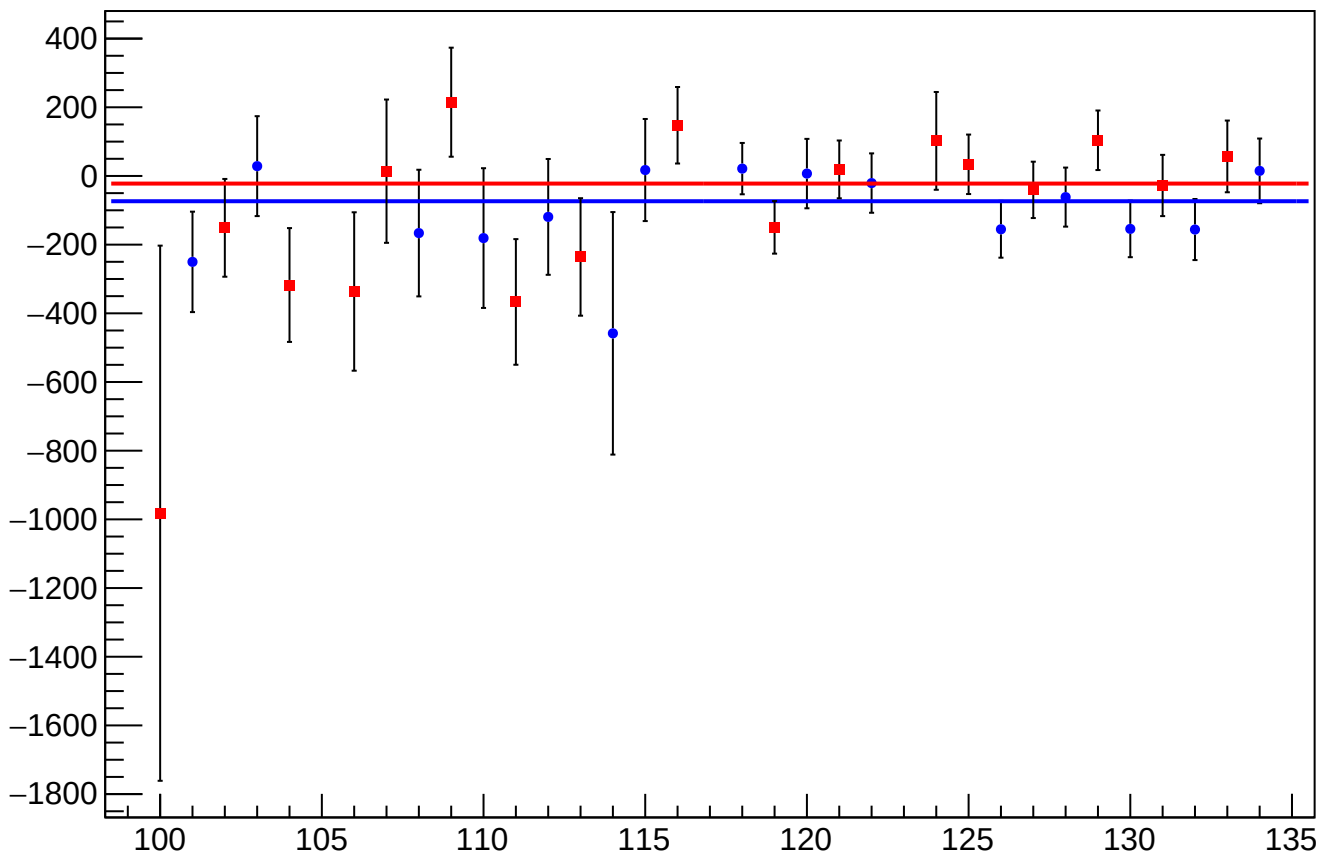
Right: 251.870+/-0.056 χ^2/NDF : 5755832.7/31

In: 253.874+/-0.080 χ^2/NDF : 2517336.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.870+/-0.056 χ^2/NDF : 5755832.7/31

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.576 ± 27.585 χ^2/NDF : 10.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.189 ± 27.661 χ^2/NDF : 24.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

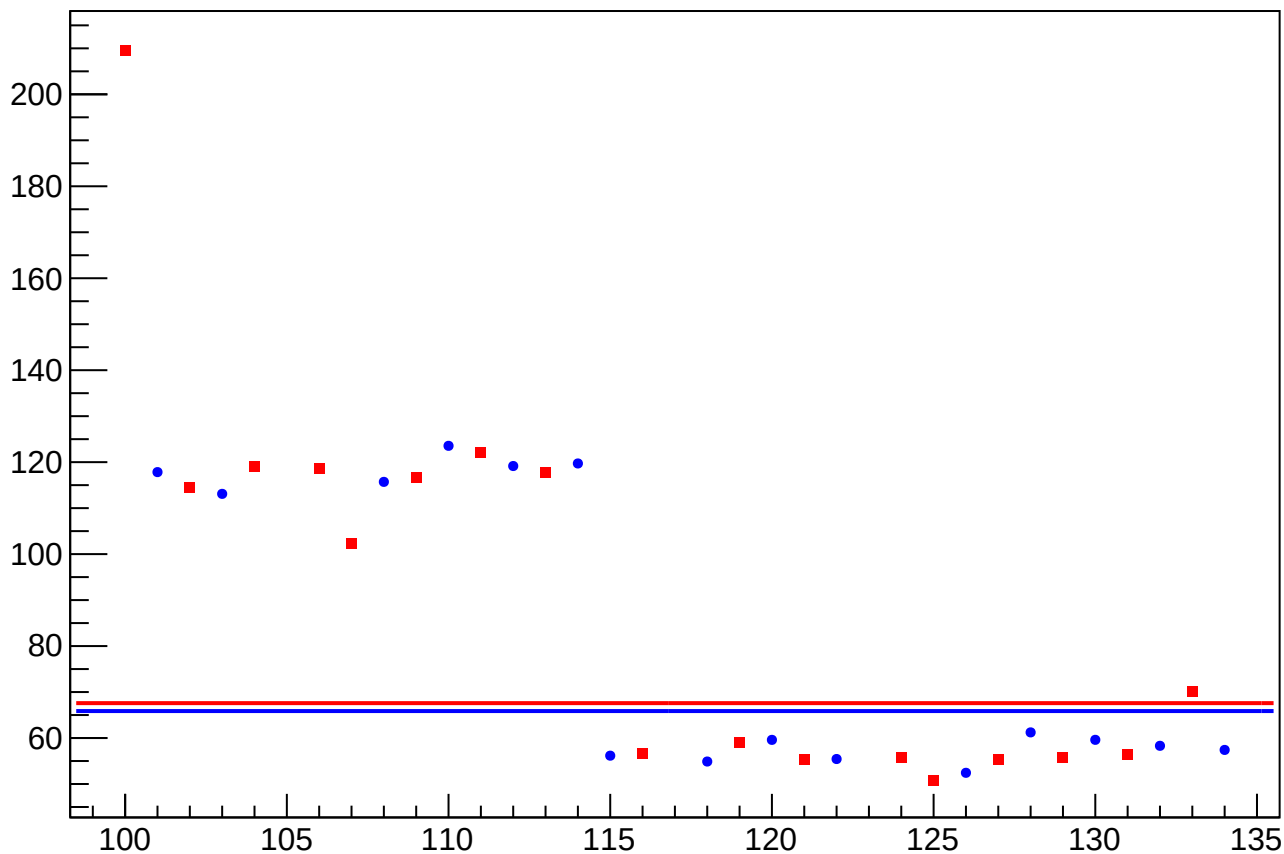
Right: -47.953 ± 19.532 χ^2/NDF : 36.2/31

In: -73.576 ± 27.585 χ^2/NDF : 10.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.953 ± 19.532 χ^2/NDF : 36.2/31

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.865+/-0.020 χ^2/NDF : 1205613.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.589+/-0.020 χ^2/NDF : 1461818.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

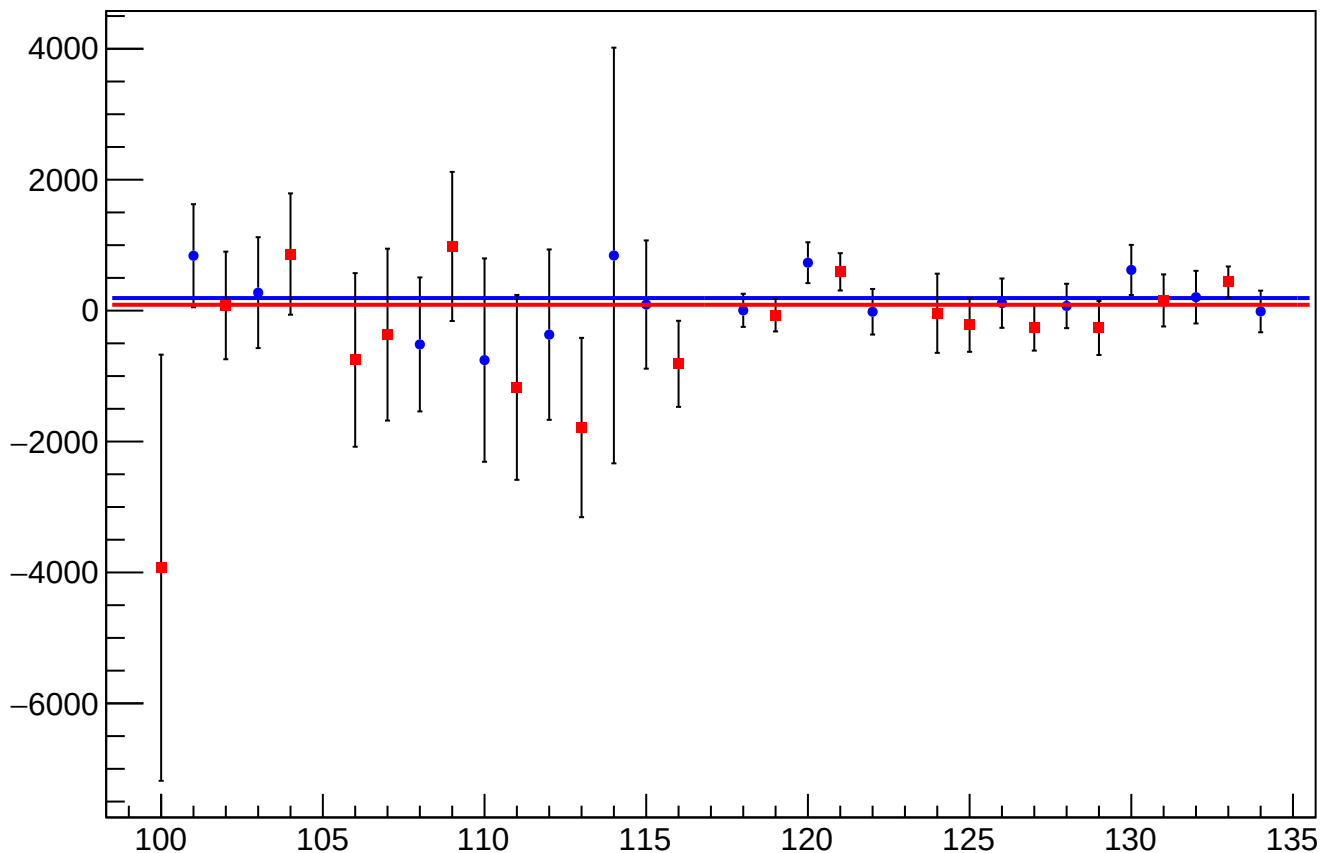
Right: 66.724+/-0.014 χ^2/NDF : 2671328.9/31

In: 65.865+/-0.020 χ^2/NDF : 1205613.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.724+/-0.014 χ^2/NDF : 2671328.9/31

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 191.856+/-112.587 χ^2/NDF : 7.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.624+/-109.645 χ^2/NDF : 15.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

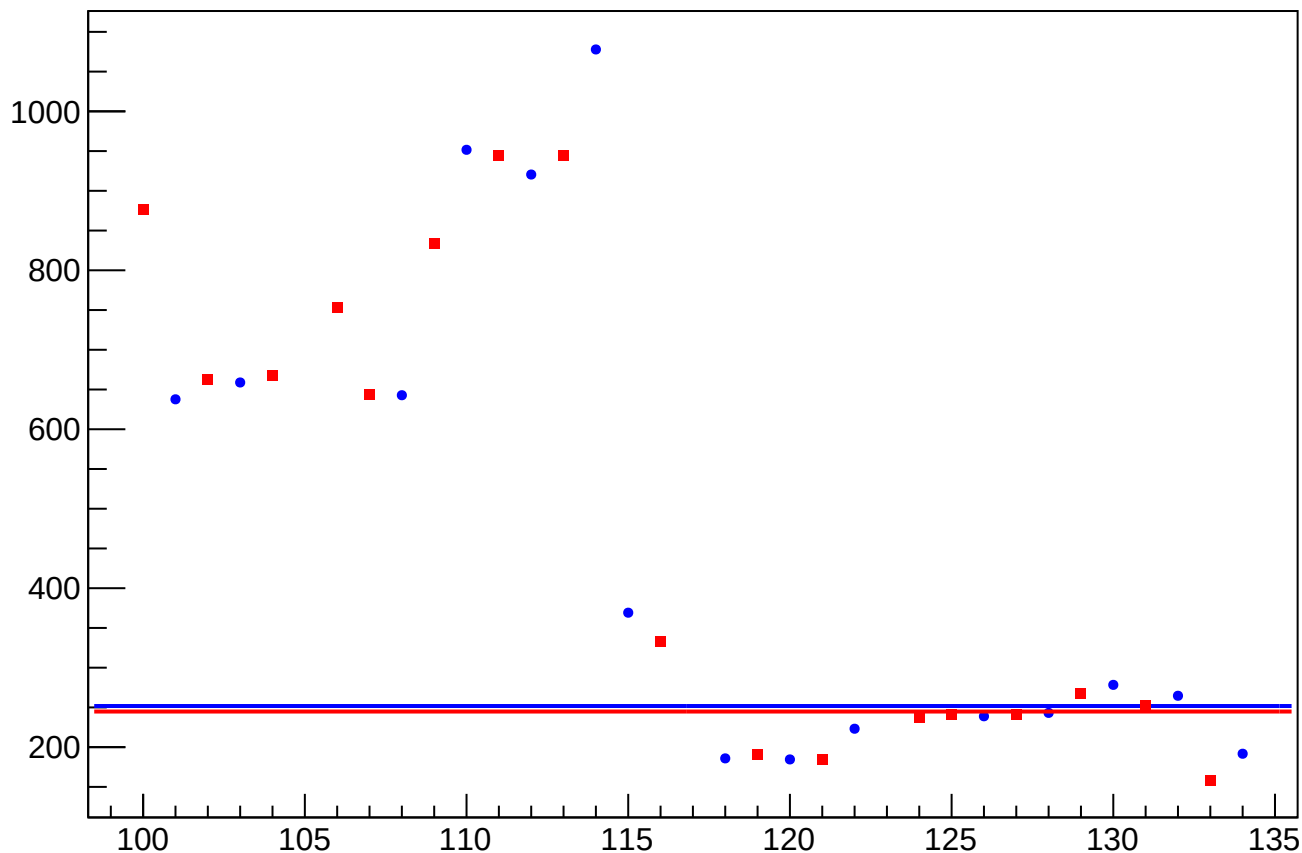
Right: 139.387+/-78.550 χ^2/NDF : 23.9/31

In: 191.856+/-112.587 χ^2/NDF : 7.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.387+/-78.550 χ^2/NDF : 23.9/31

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 251.766+/-0.080 χ^2/NDF : 2660966.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 244.825+/-0.078 χ^2/NDF : 3528874.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

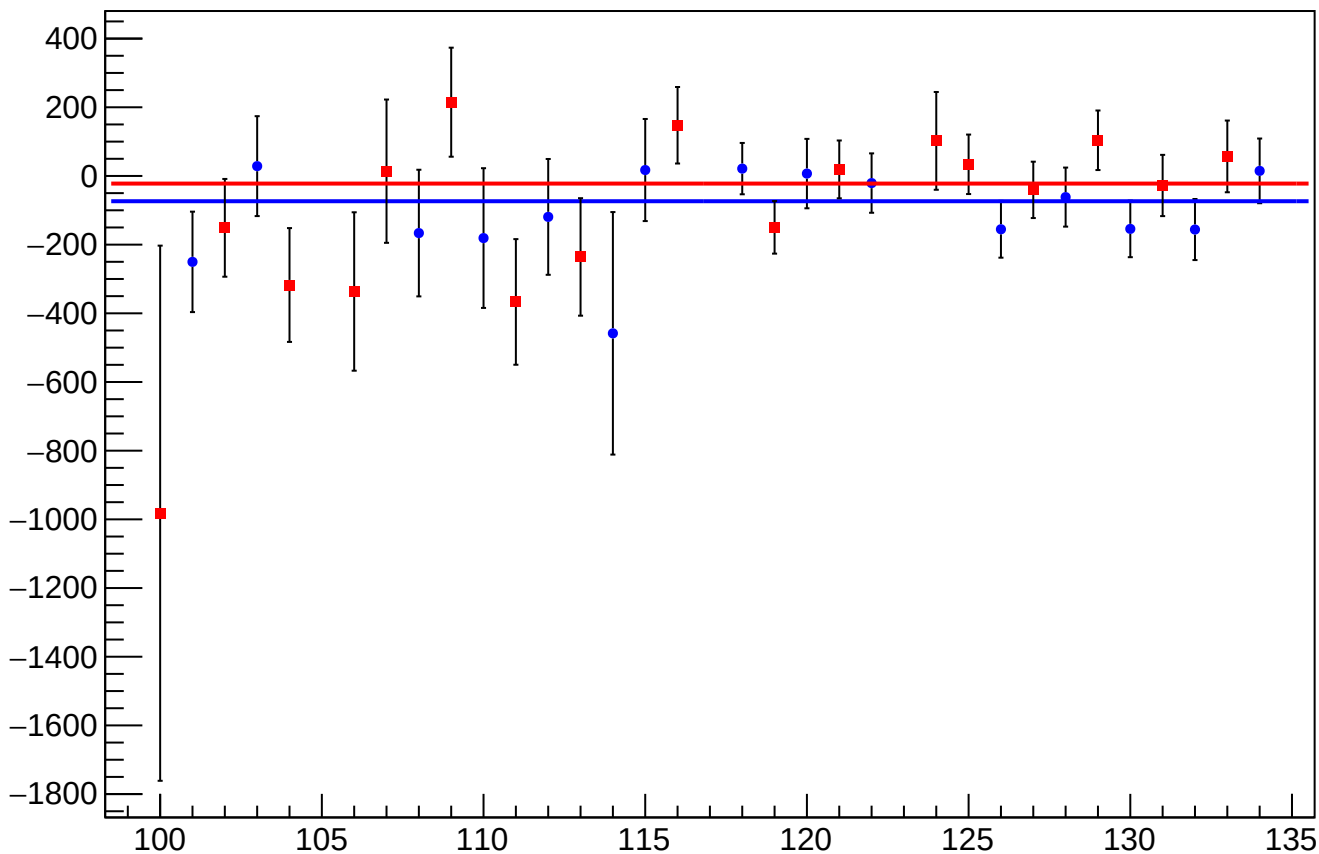
Right: 248.204+/-0.056 χ^2/NDF : 6193741.6/31

In: 251.766+/-0.080 χ^2/NDF :2660966.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 248.204+/-0.056 χ^2/NDF : 6193741.6/31

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.577 $\pm$ 27.584 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.193 $\pm$ 27.660 χ^2 /NDF: 24.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

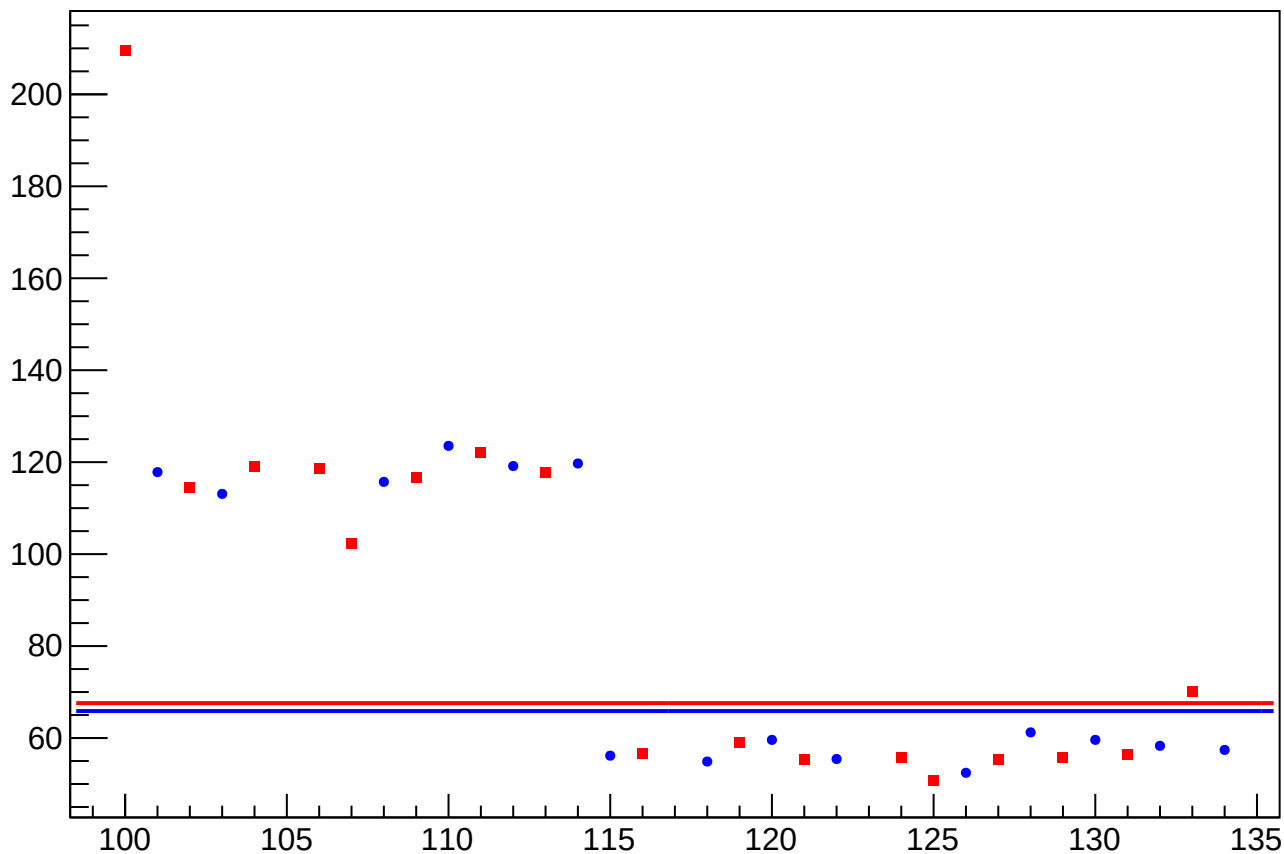
Right: -47.955 $\pm$ 19.532 χ^2 /NDF: 36.2/31

In: -73.577 $\pm$ 27.584 χ^2 /NDF:10.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.955 $\pm$ 19.532 χ^2 /NDF: 36.2/31

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.864+/-0.020 χ^2/NDF : 1205610.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.589+/-0.020 χ^2/NDF : 1461804.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

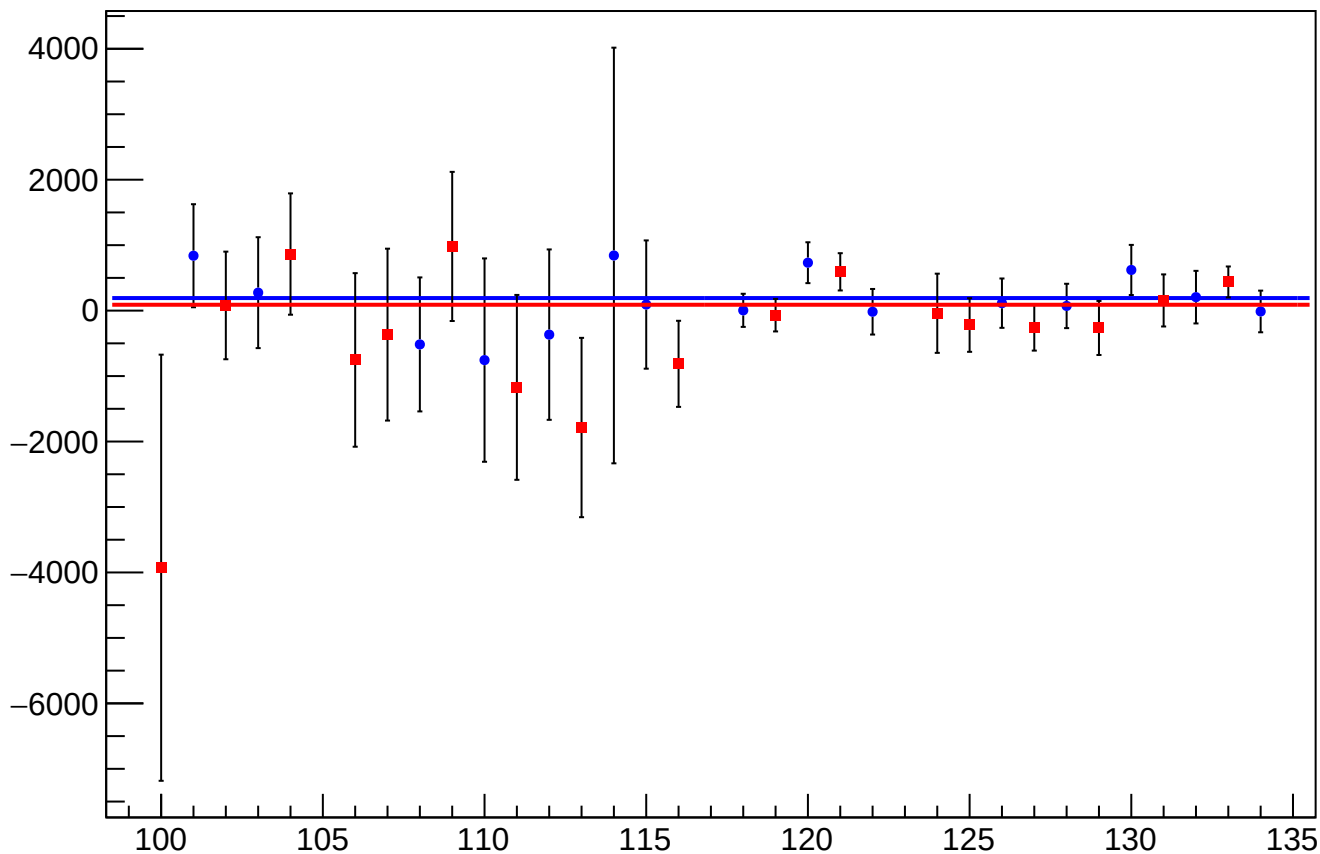
Right: 66.724+/-0.014 χ^2/NDF : 2671313.9/31

In: 65.864+/-0.020 χ^2/NDF : 1205610.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.724+/-0.014 χ^2/NDF : 2671313.9/31

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 191.856 $\pm$ 112.586 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.621 $\pm$ 109.645 χ^2 /NDF: 15.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

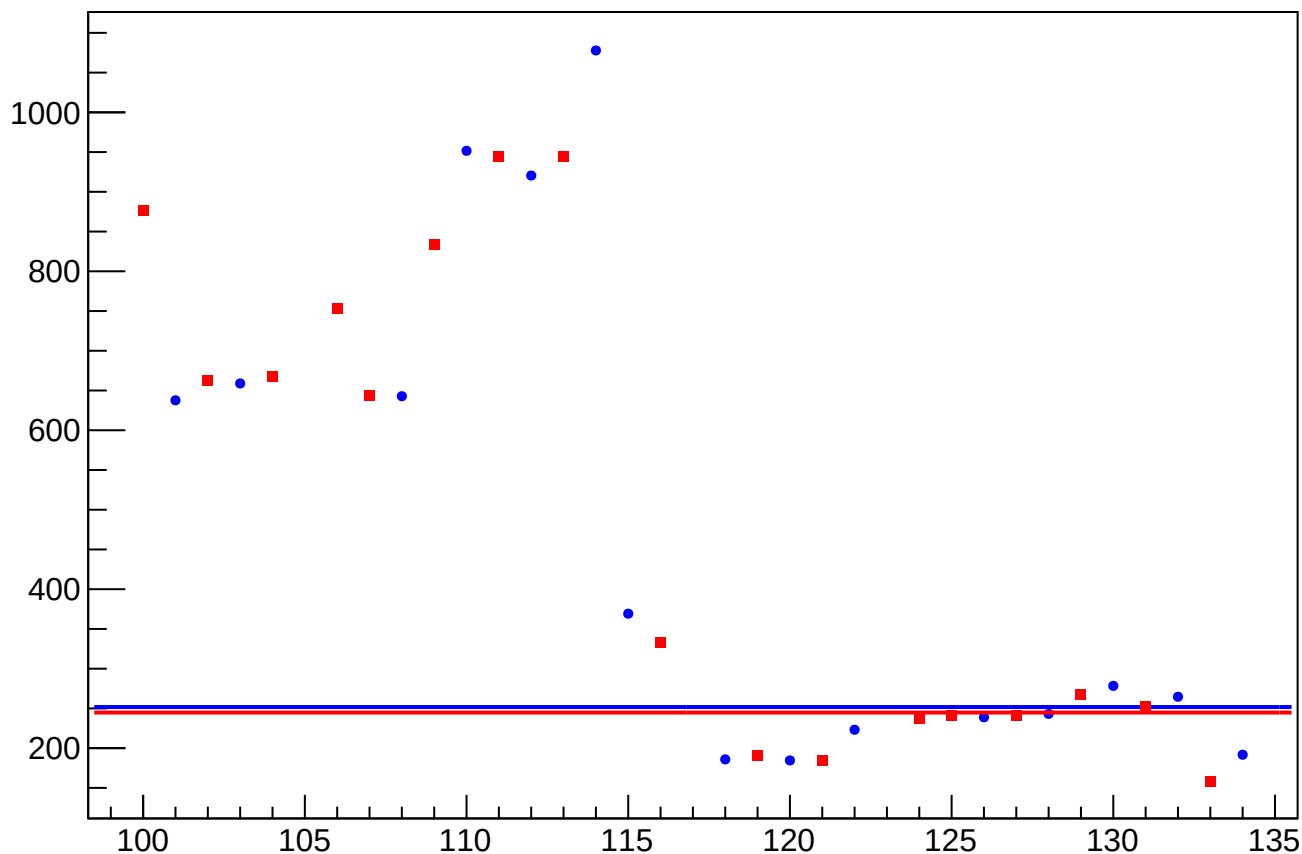
Right: 139.386 $\pm$ 78.550 χ^2 /NDF: 23.9/31

In: 191.856 $\pm$ 112.586 χ^2 /NDF:7.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.386 $\pm$ 78.550 χ^2 /NDF: 23.9/31

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 251.765+/-0.080 χ^2/NDF : 2660955.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.826+/-0.078 χ^2/NDF : 3528850.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

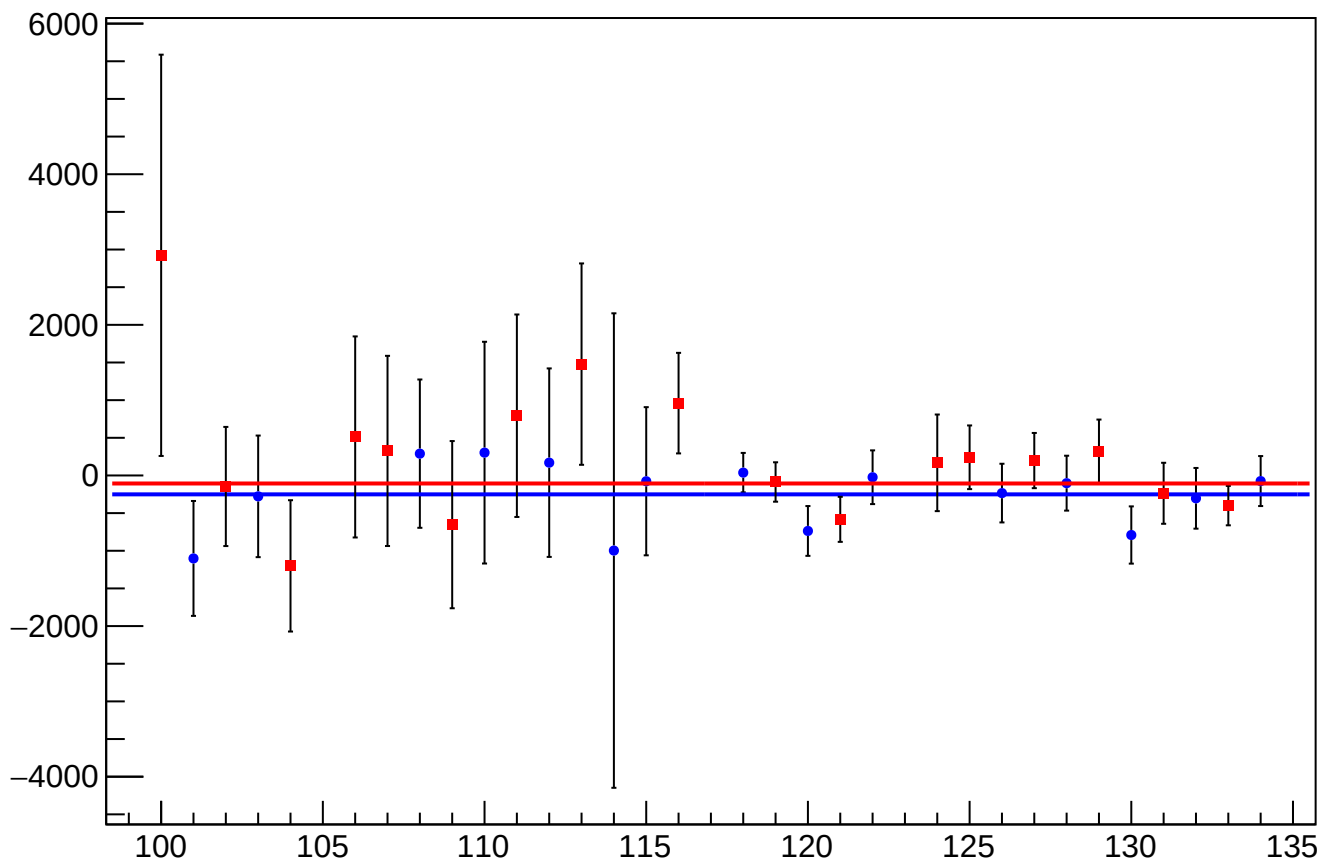
Right: 248.204+/-0.056 χ^2/NDF : 6193705.0/31

In: 251.765+/-0.080 χ^2/NDF : 2660955.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.204+/-0.056 χ^2/NDF : 6193705.0/31

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -250.899+/-115.951 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.590+/-114.756 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

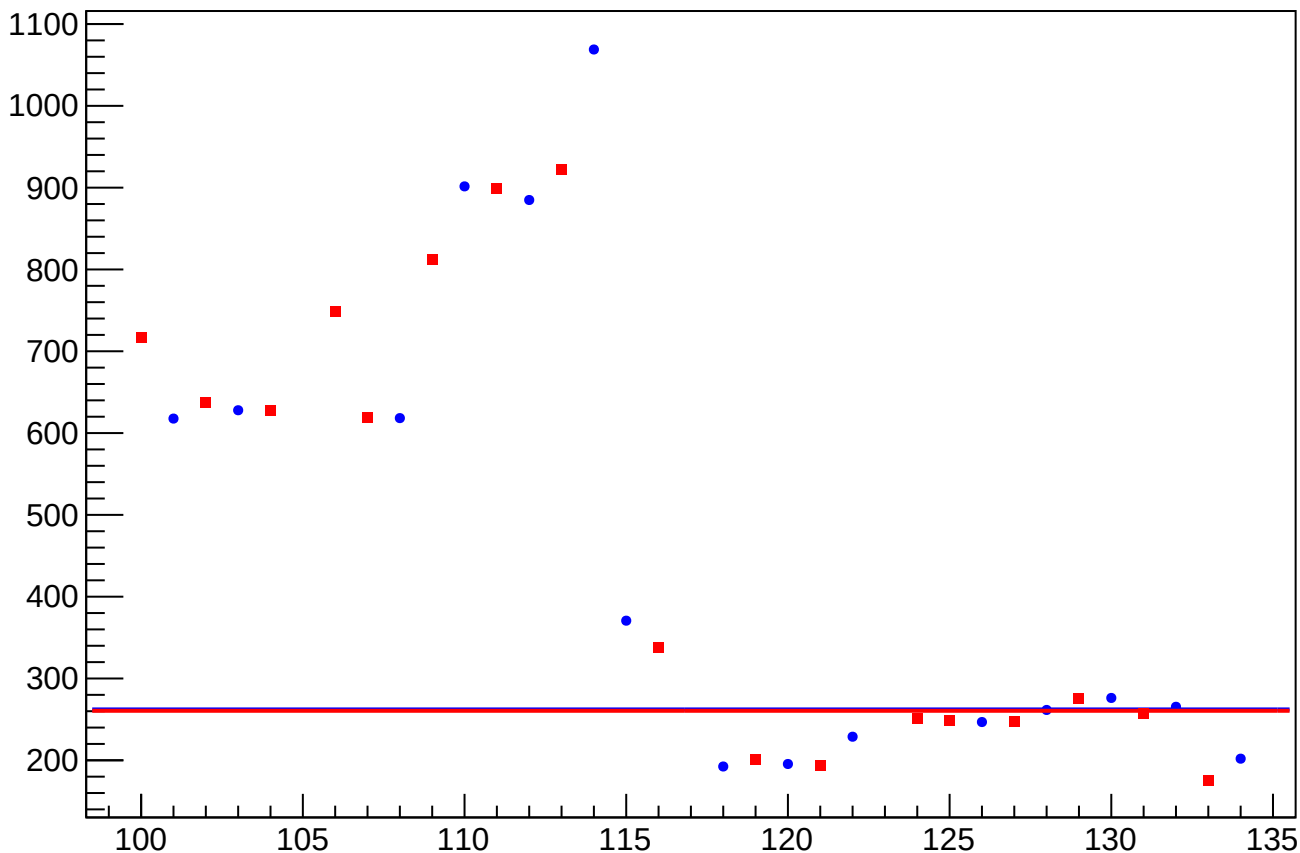
Right: -177.997+/-81.564 χ^2/NDF : 23.2/31

In: -250.899+/-115.951 χ^2/NDF : 8.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.997+/-81.564 χ^2/NDF : 23.2/31

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 262.181+/-0.082 χ^2/NDF : 2446735.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.531+/-0.081 χ^2/NDF : 3178779.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

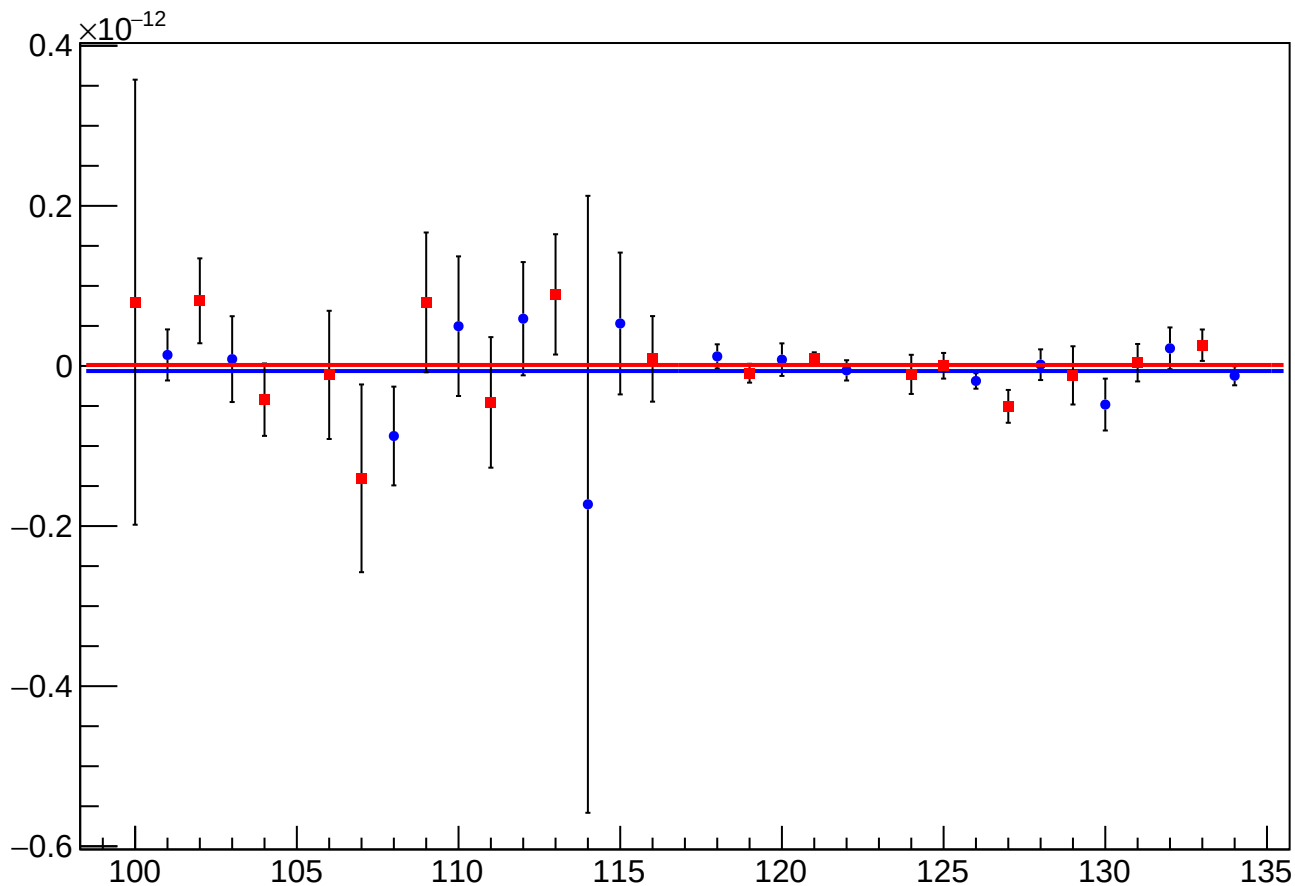
Right: 261.347+/-0.058 χ^2/NDF : 5625719.6/31

In: 262.181+/-0.082 χ^2/NDF : 2446735.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.347+/-0.058 χ^2/NDF : 5625719.6/31

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

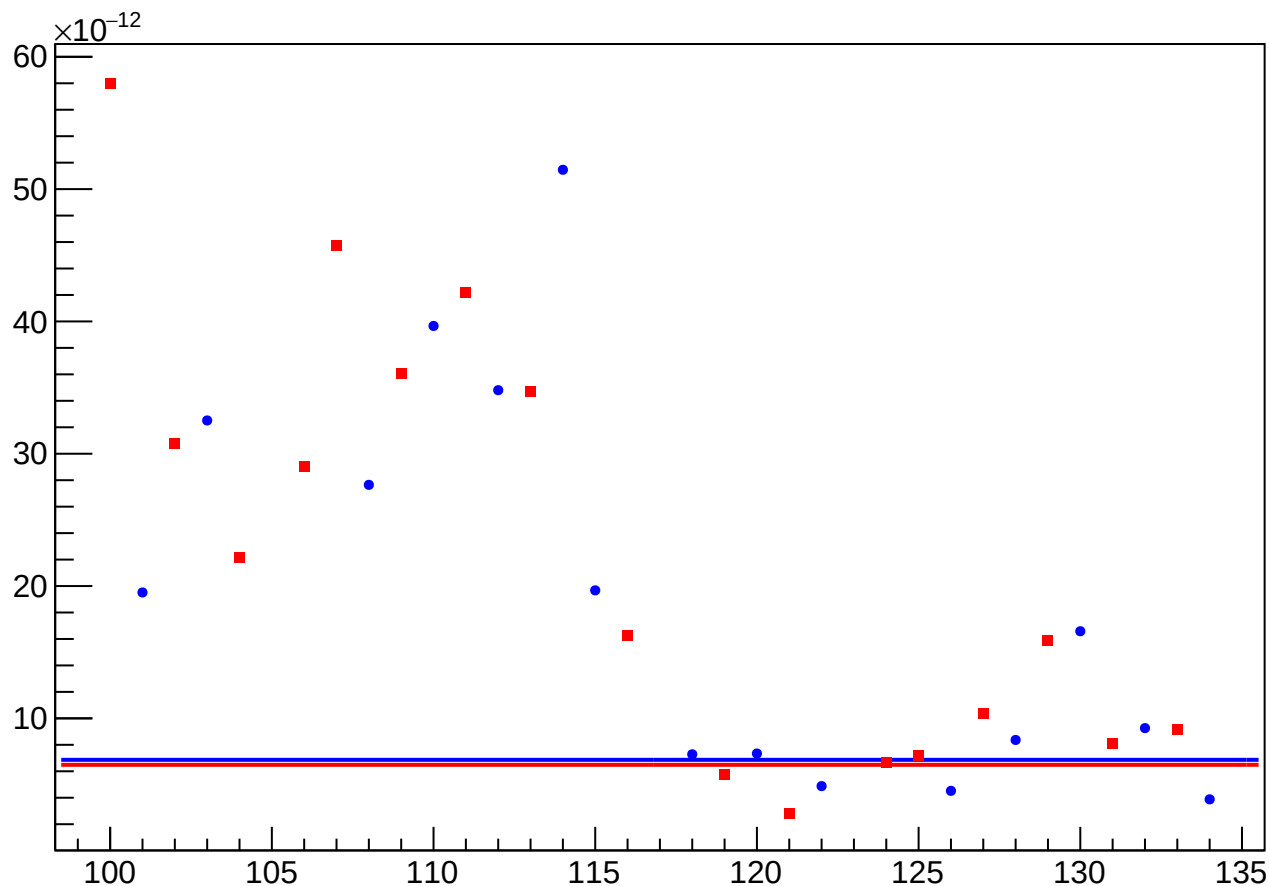
Right: -0.000+/-0.000 χ^2/NDF : 29.7/31

In: -0.000+/-0.000 χ^2/NDF : 11.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.7/31

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2167016.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2813744.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

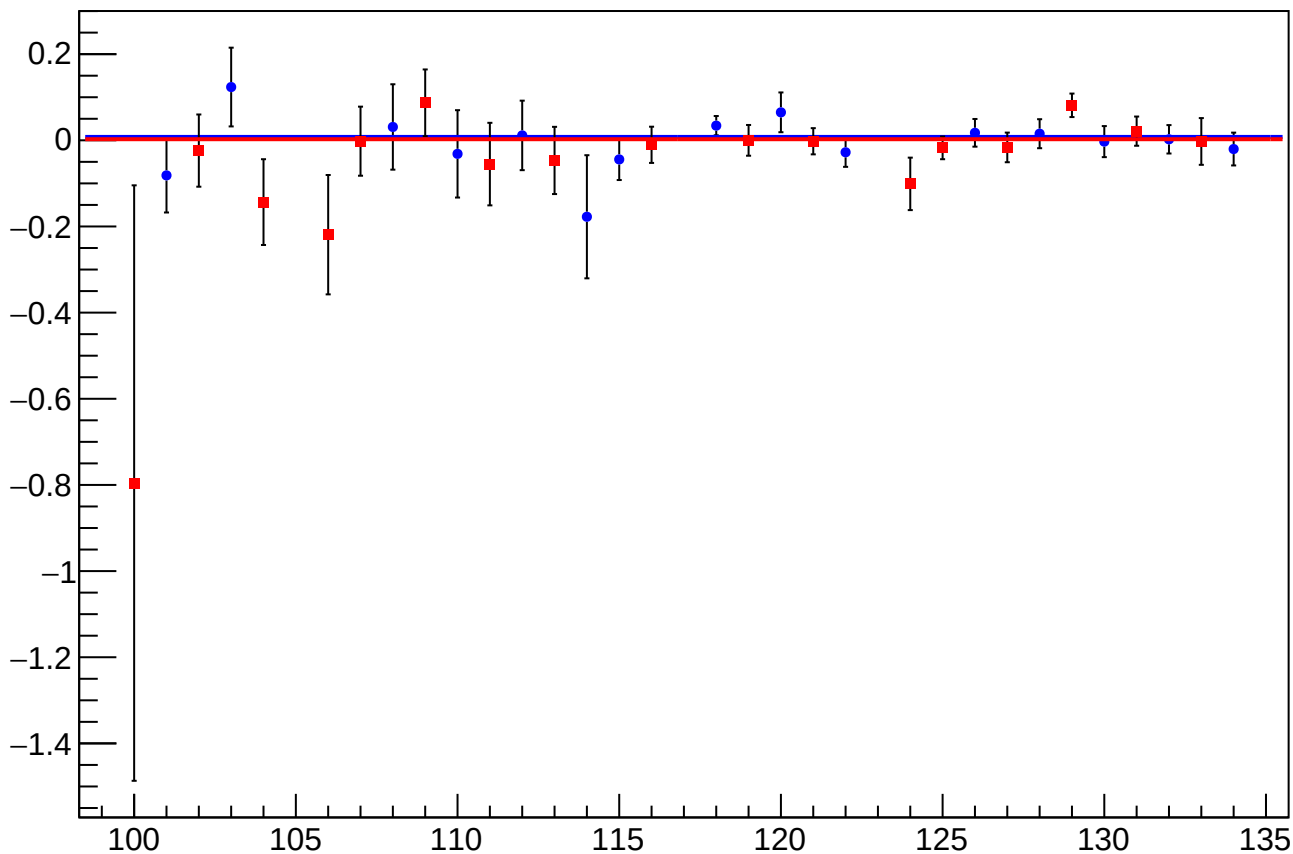
Right: 0.000+/-0.000 χ^2/NDF : 4986263.8/31

In: 0.000+/-0.000 χ^2/NDF : 2167016.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4986263.8/31

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

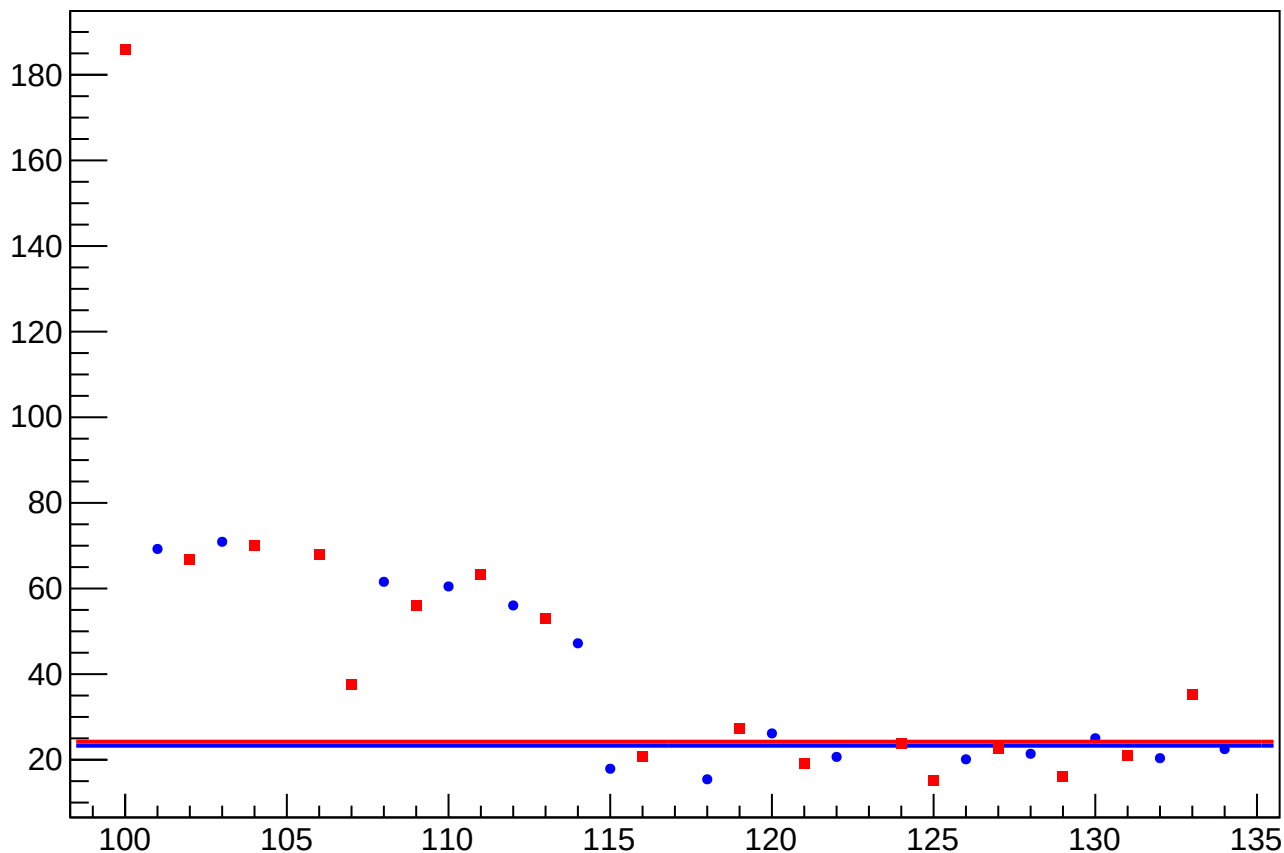
Right: 0.005+/-0.008 χ^2/NDF : 31.3/31

In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.008 χ^2/NDF : 31.3/31

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.283+/-0.008 χ^2/NDF : 2404348.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.217+/-0.008 χ^2/NDF : 2846839.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

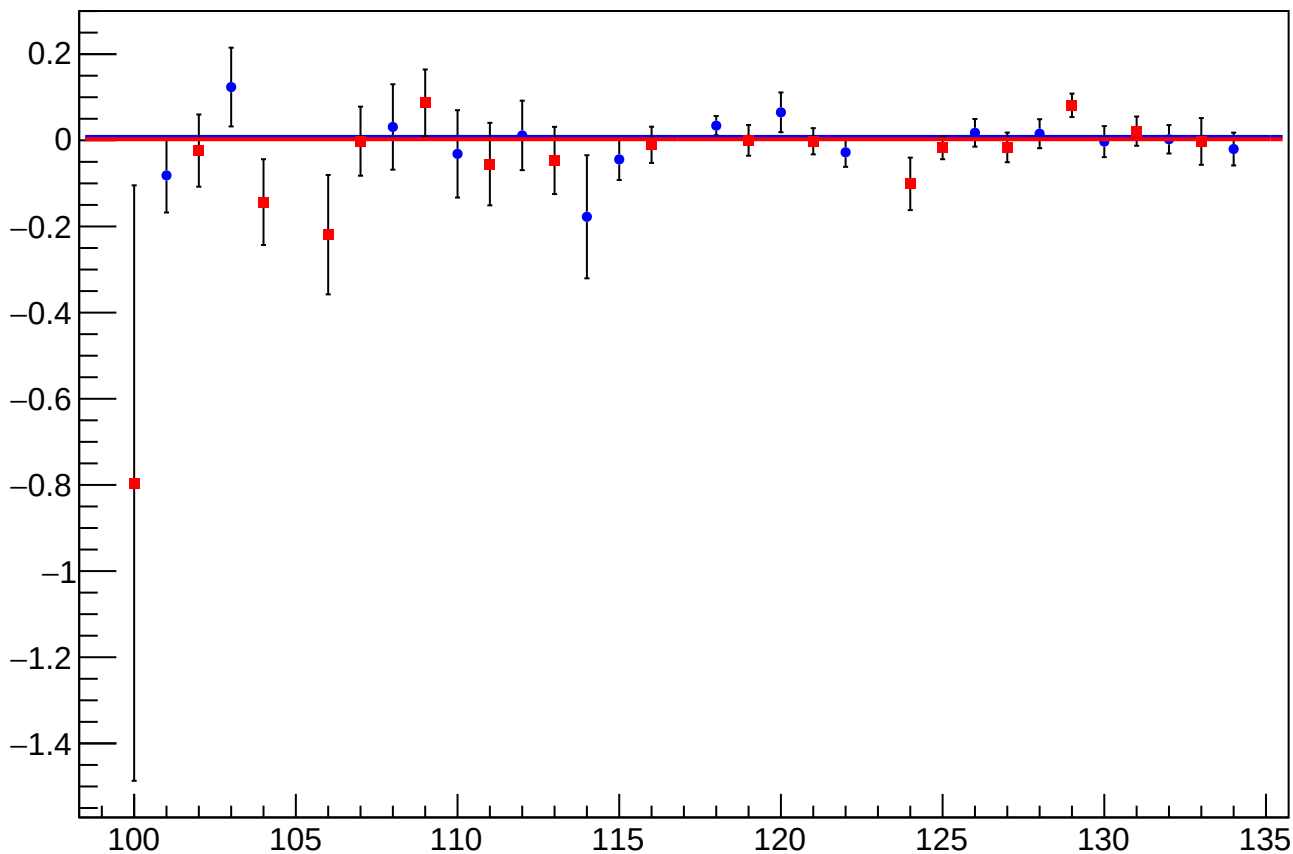
Right: 23.744+/-0.005 χ^2/NDF : 5258639.5/31

In: 23.283+/-0.008 χ^2/NDF :2404348.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.744+/-0.005 χ^2/NDF : 5258639.5/31

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

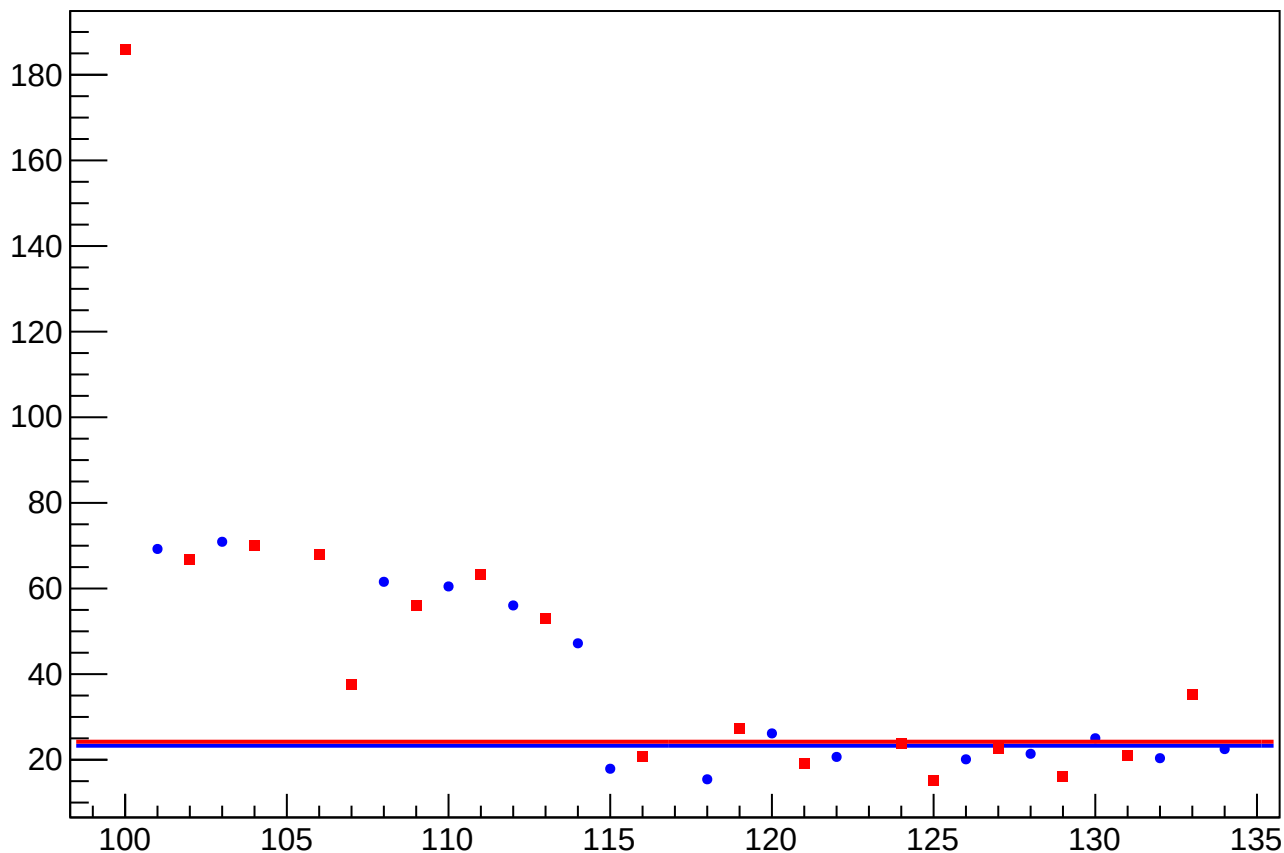
Right: 0.005+/-0.008 χ^2/NDF : 31.3/31

In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.008 χ^2/NDF : 31.3/31

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.283+/-0.008 χ^2/NDF : 2404348.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.217+/-0.008 χ^2/NDF : 2846839.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

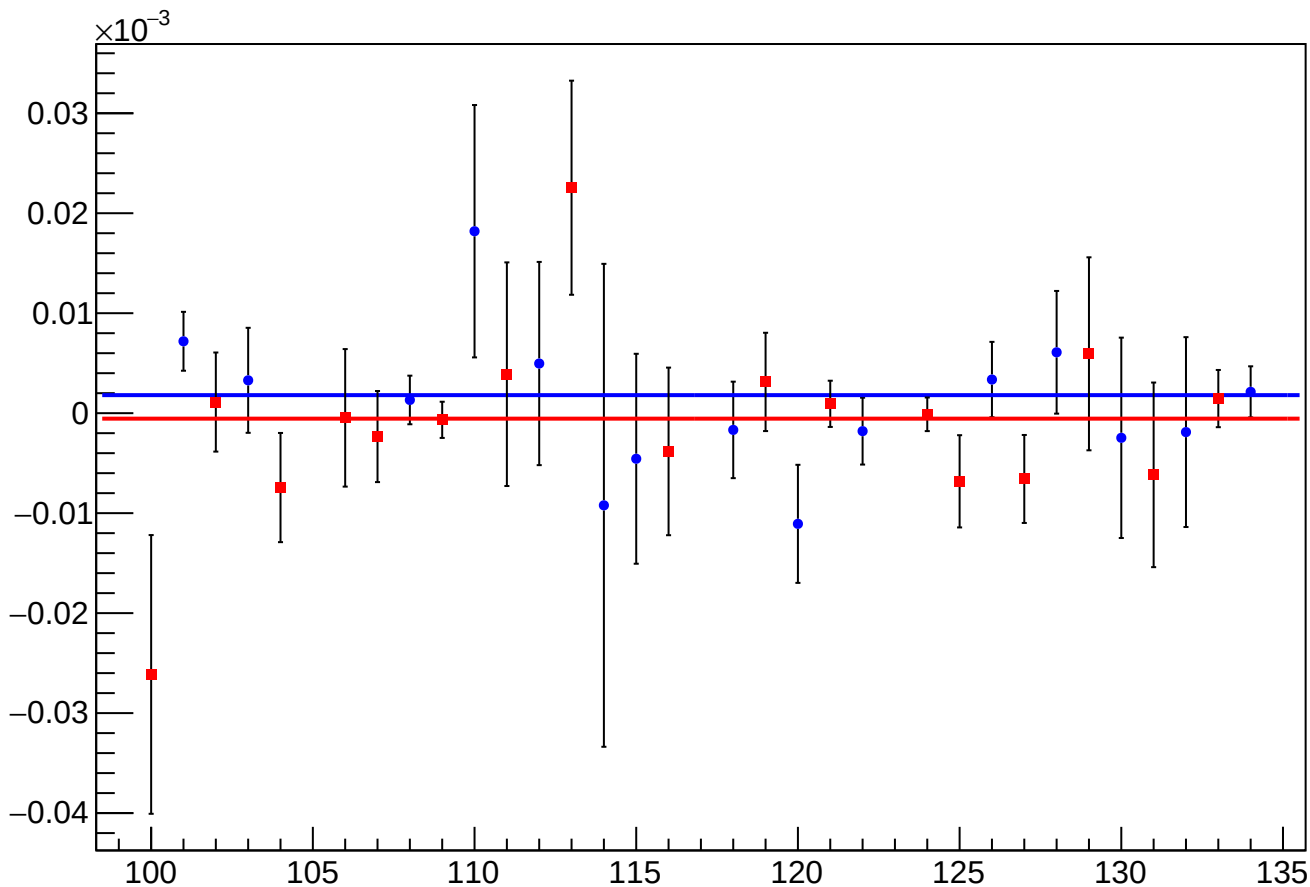
Right: 23.744+/-0.005 χ^2/NDF : 5258639.5/31

In: 23.283+/-0.008 χ^2/NDF :2404348.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.744+/-0.005 χ^2/NDF : 5258639.5/31

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

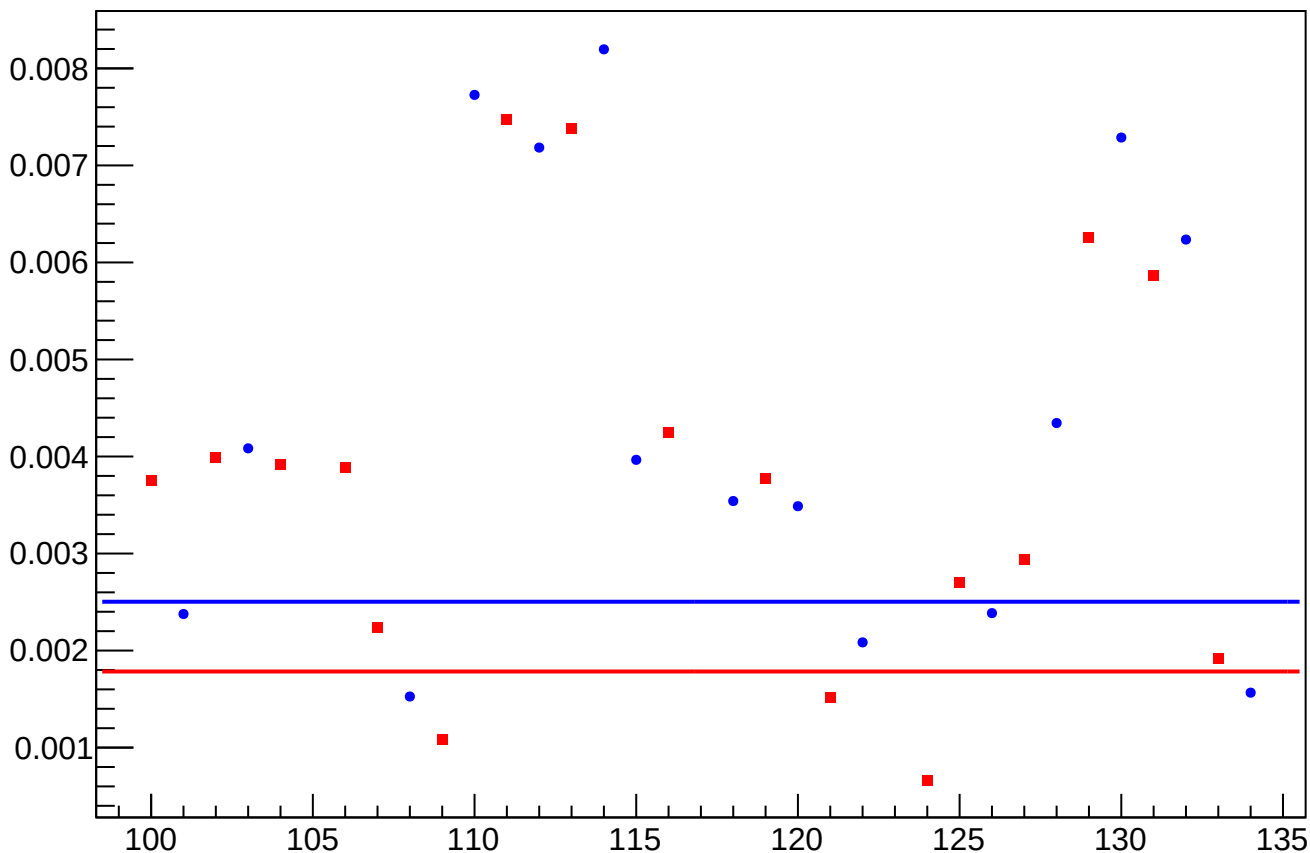
Right: 0.000+/-0.000 χ^2/NDF : 32.2/31

In: 0.000+/-0.000 χ^2/NDF : 13.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.2/31

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2820234.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4780651.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

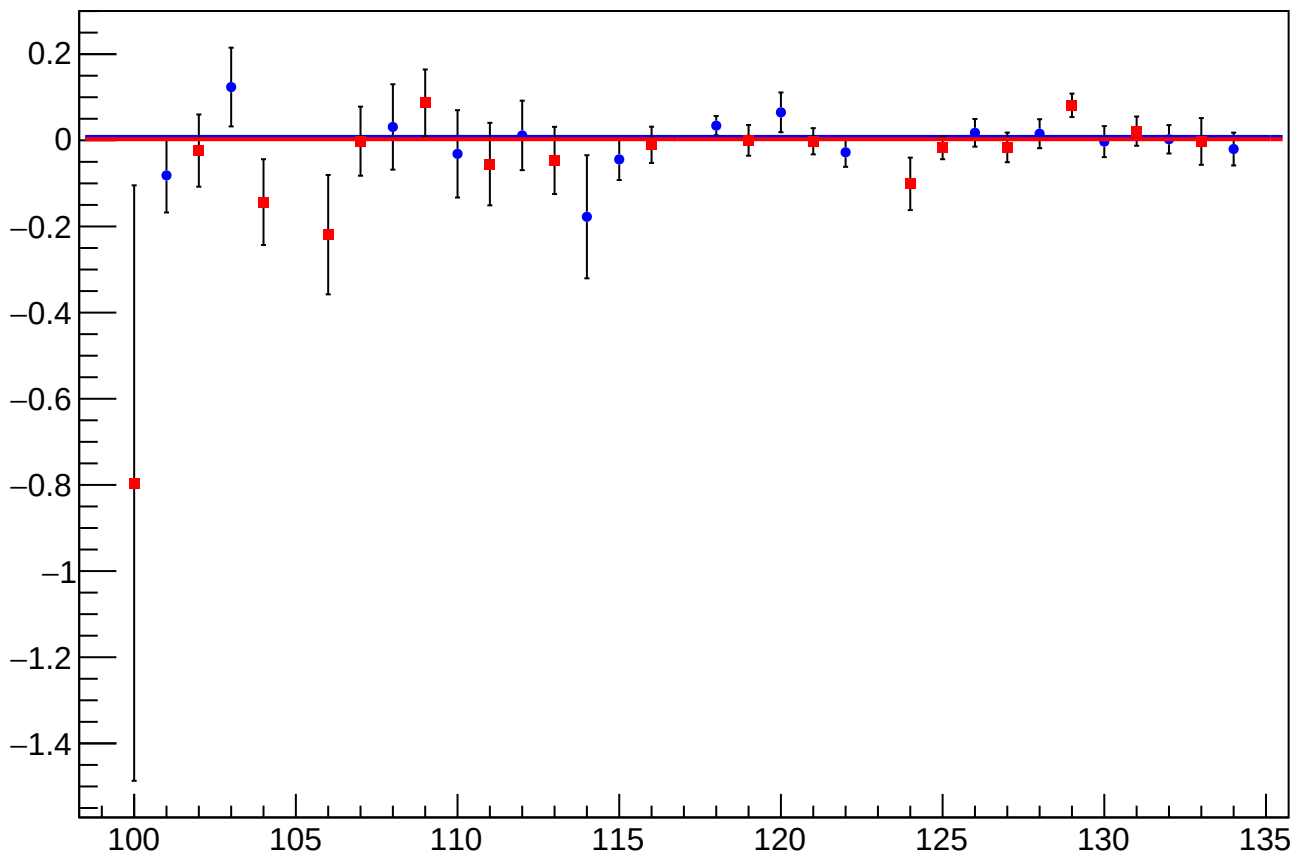
Right: 0.002+/-0.000 χ^2/NDF : 8106530.1/31

In: 0.003+/-0.000 χ^2/NDF :2820234.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8106530.1/31

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

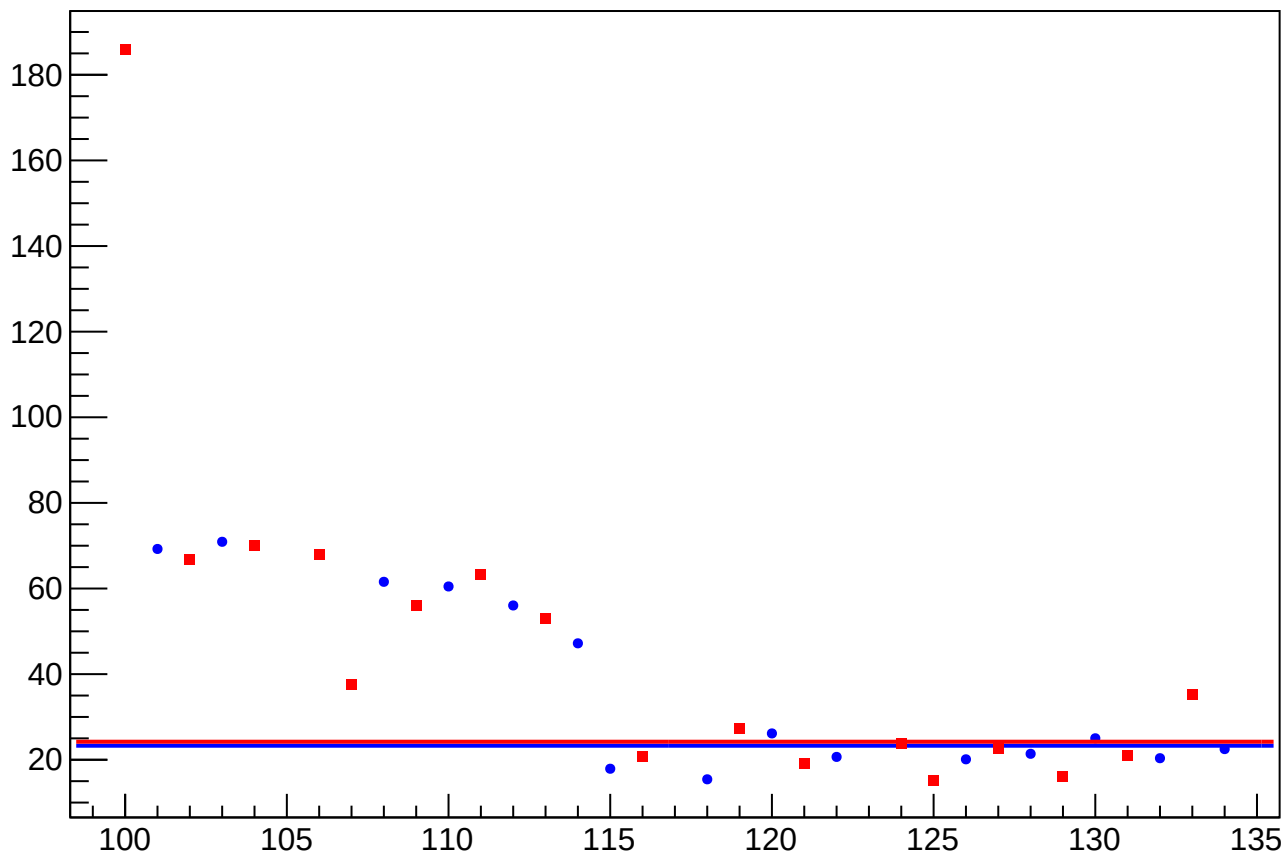
Right: 0.005+/-0.008 χ^2/NDF : 31.3/31

In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.008 χ^2/NDF : 31.3/31

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.282 $\pm$ 0.008 χ^2 /NDF: 2404381.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.216 $\pm$ 0.008 χ^2 /NDF: 2846797.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

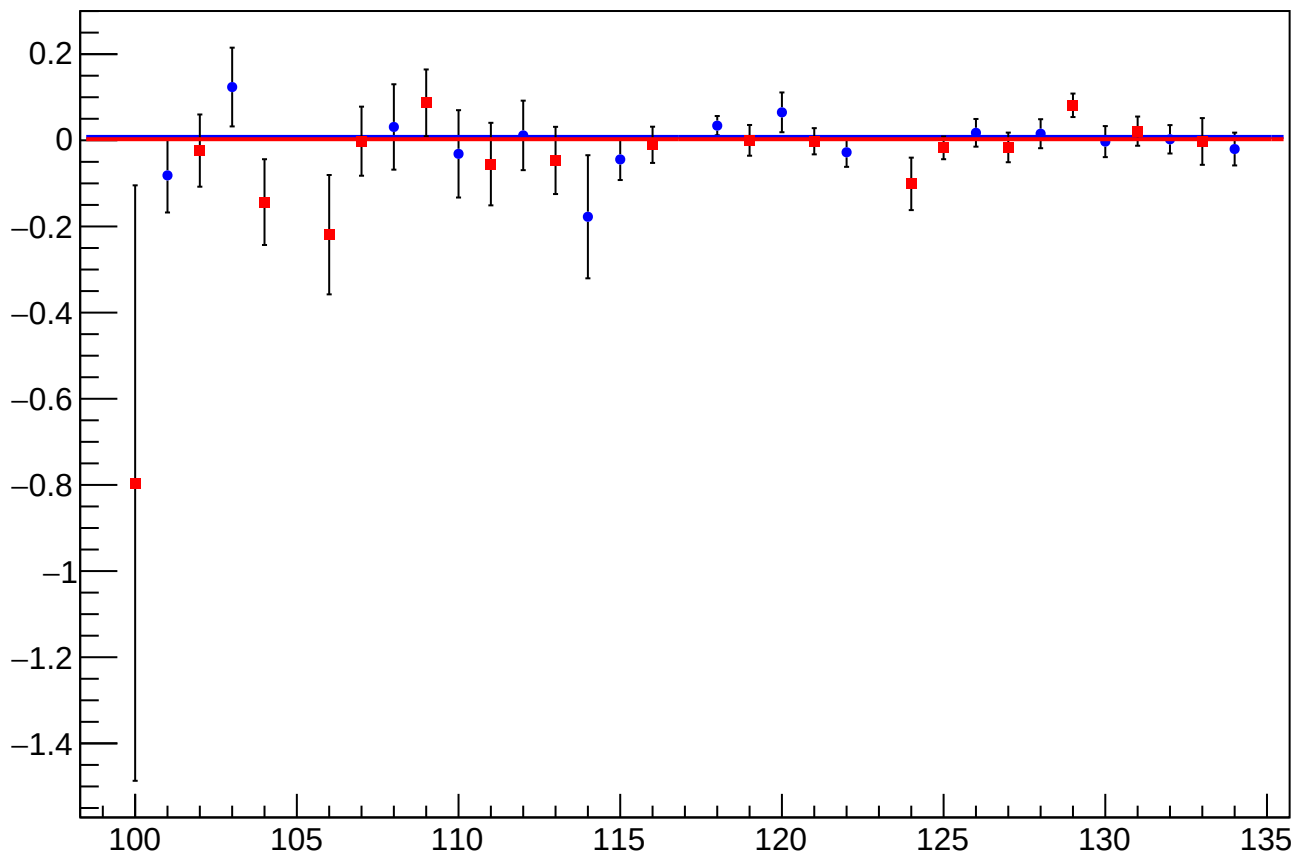
Right: 23.743 $\pm$ 0.005 χ^2 /NDF: 5258645.5/31

In: 23.282 $\pm$ 0.008 χ^2 /NDF:2404381.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.743 $\pm$ 0.005 χ^2 /NDF: 5258645.5/31

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

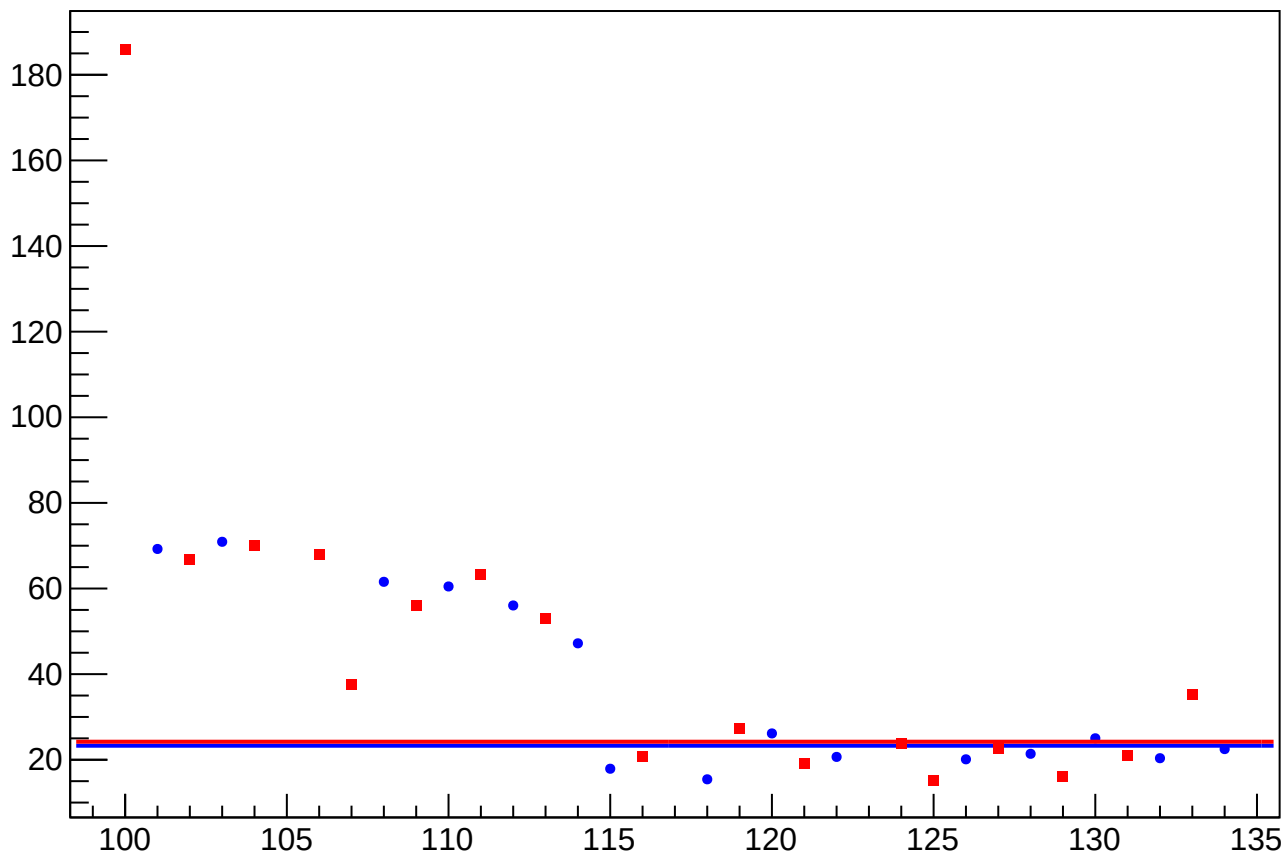
Right: 0.005+/-0.008 χ^2/NDF : 31.3/31

In: 0.008+/-0.011 χ^2/NDF :10.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.008 χ^2/NDF : 31.3/31

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.282+/-0.008 χ^2/NDF : 2404381.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.216+/-0.008 χ^2/NDF : 2846797.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

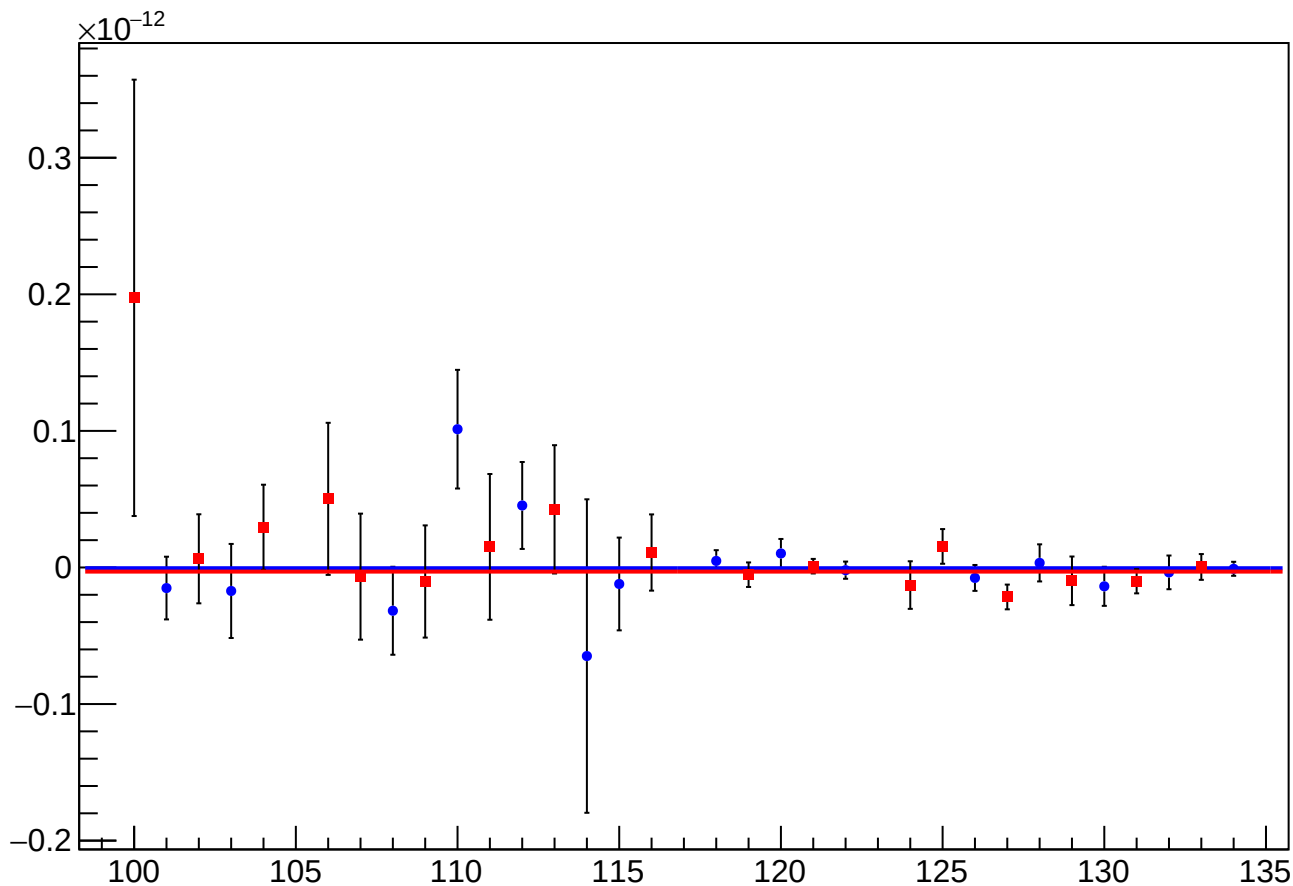
Right: 23.743+/-0.005 χ^2/NDF : 5258645.5/31

In: 23.282+/-0.008 χ^2/NDF : 2404381.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.743+/-0.005 χ^2/NDF : 5258645.5/31

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

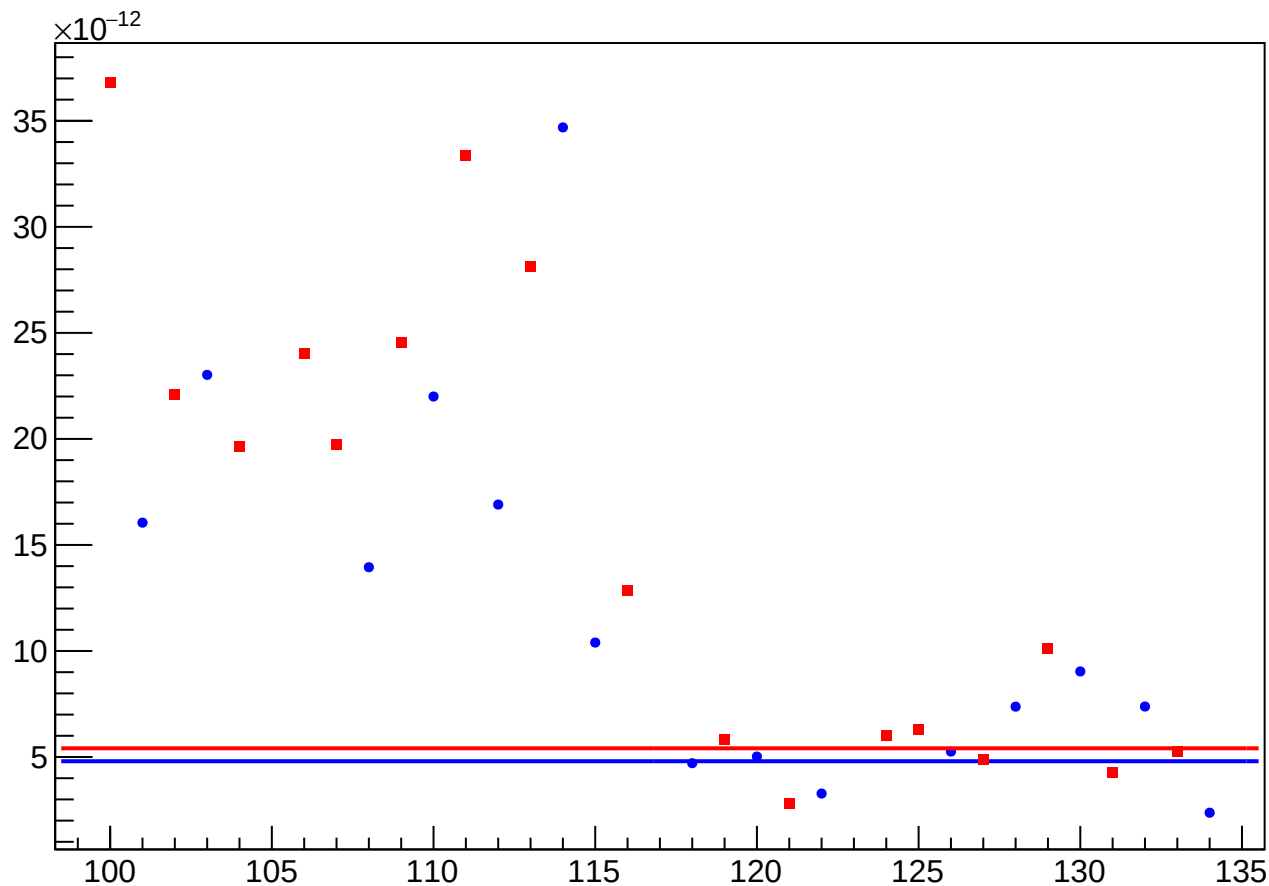
Right: -0.000+/-0.000 χ^2/NDF : 26.2/31

In: -0.000+/-0.000 χ^2/NDF : 12.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.2/31

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2899358.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3697636.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

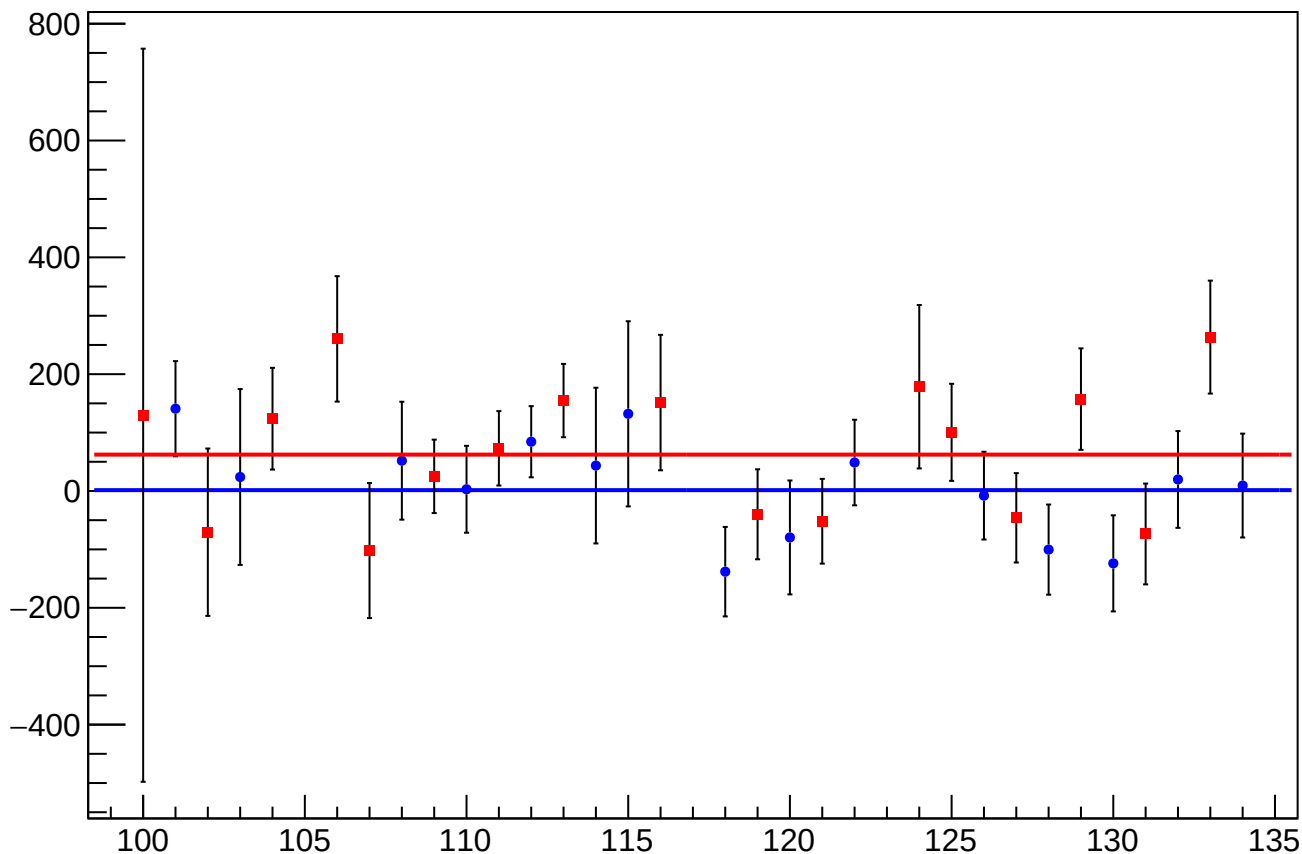
Right: 0.000+/-0.000 χ^2/NDF : 6638228.4/31

In: 0.000+/-0.000 χ^2/NDF : 2899358.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6638228.4/31

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 1.441+/-21.999 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.267+/-20.982 χ^2/NDF : 25.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

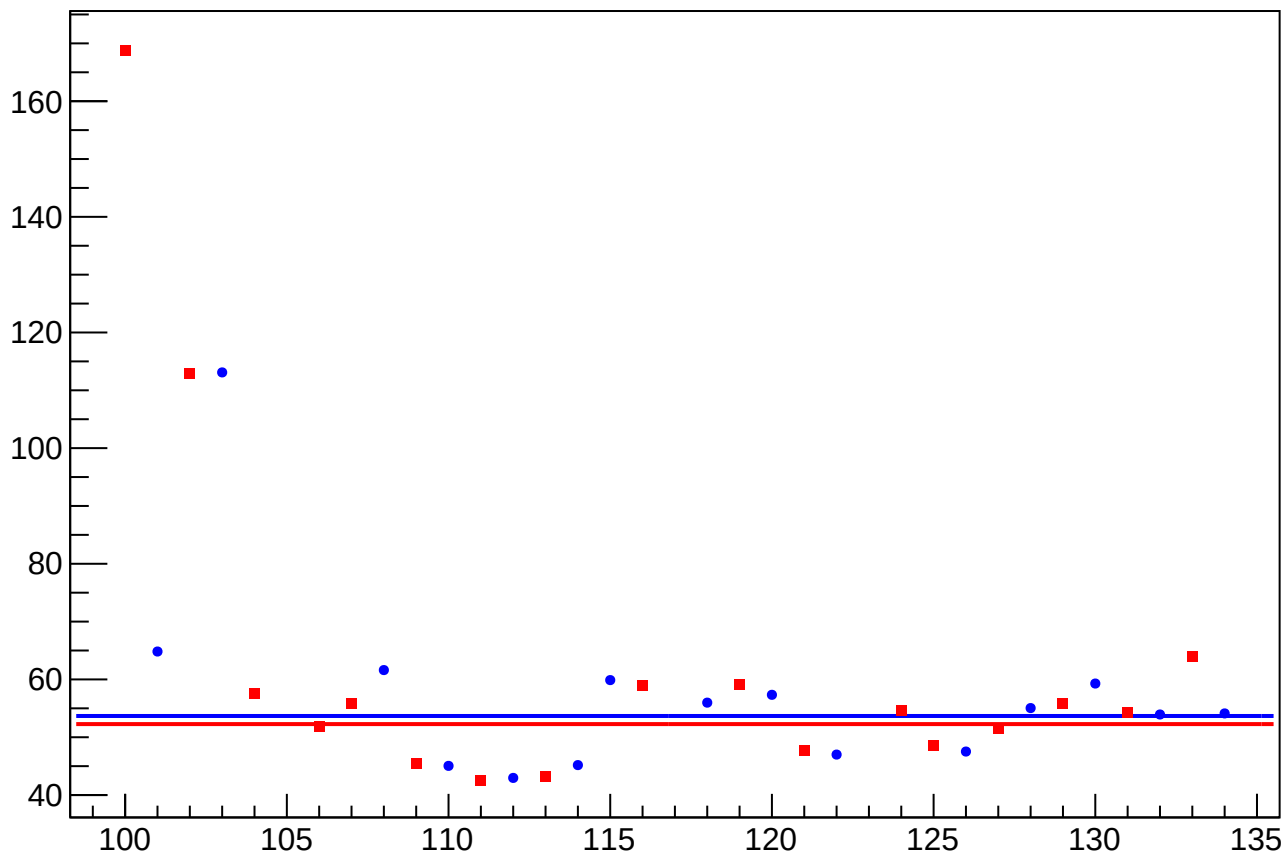
Right: 33.293+/-15.183 χ^2/NDF : 43.5/31

In: 1.441+/-21.999 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.293+/-15.183 χ^2/NDF : 43.5/31

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.677+/-0.016 χ^2/NDF : 505956.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.274+/-0.015 χ^2/NDF : 617967.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

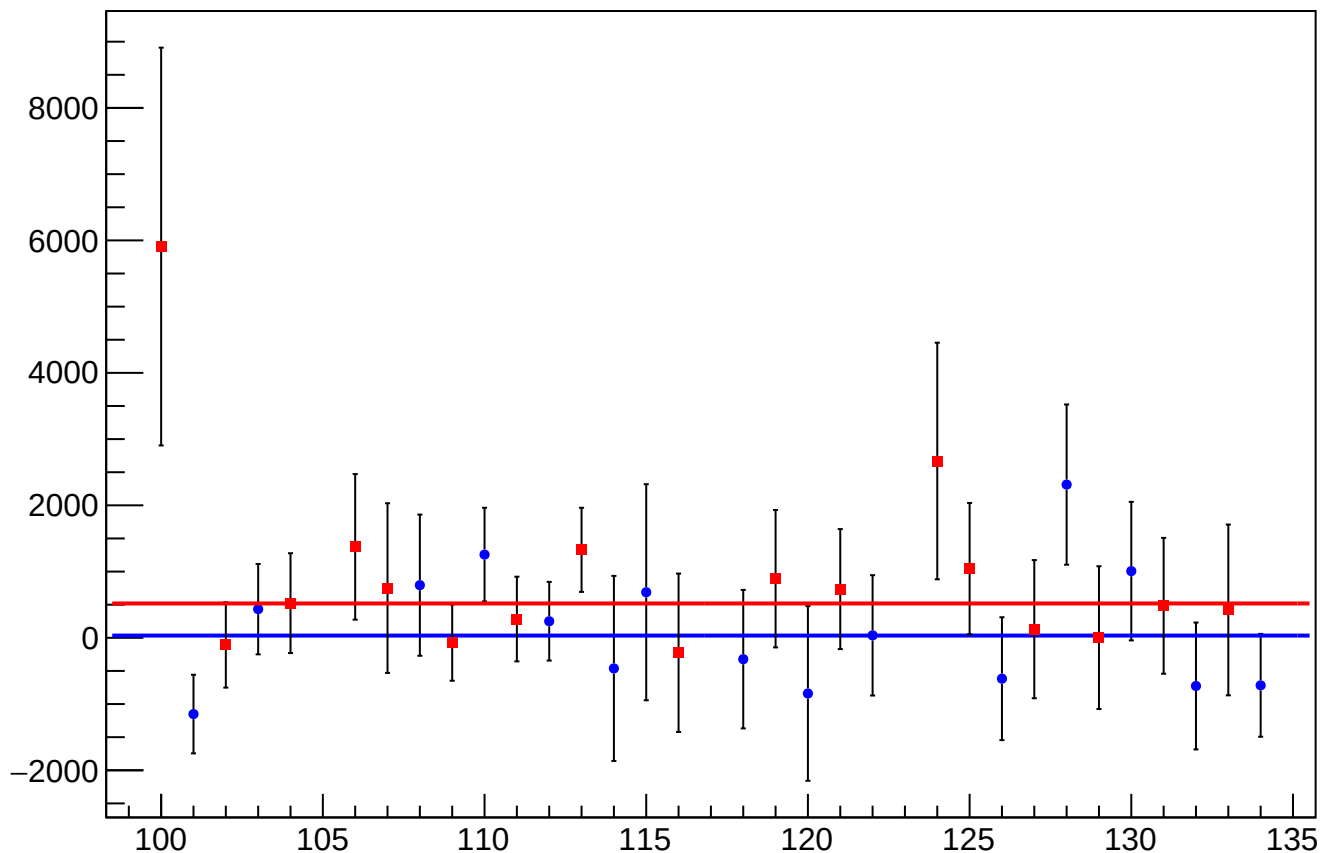
Right: 52.942+/-0.011 χ^2/NDF : 1128182.1/31

In: 53.677+/-0.016 χ^2/NDF : 505956.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.942+/-0.011 χ^2/NDF : 1128182.1/31

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 33.904+/-224.737 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 518.616+/-217.280 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

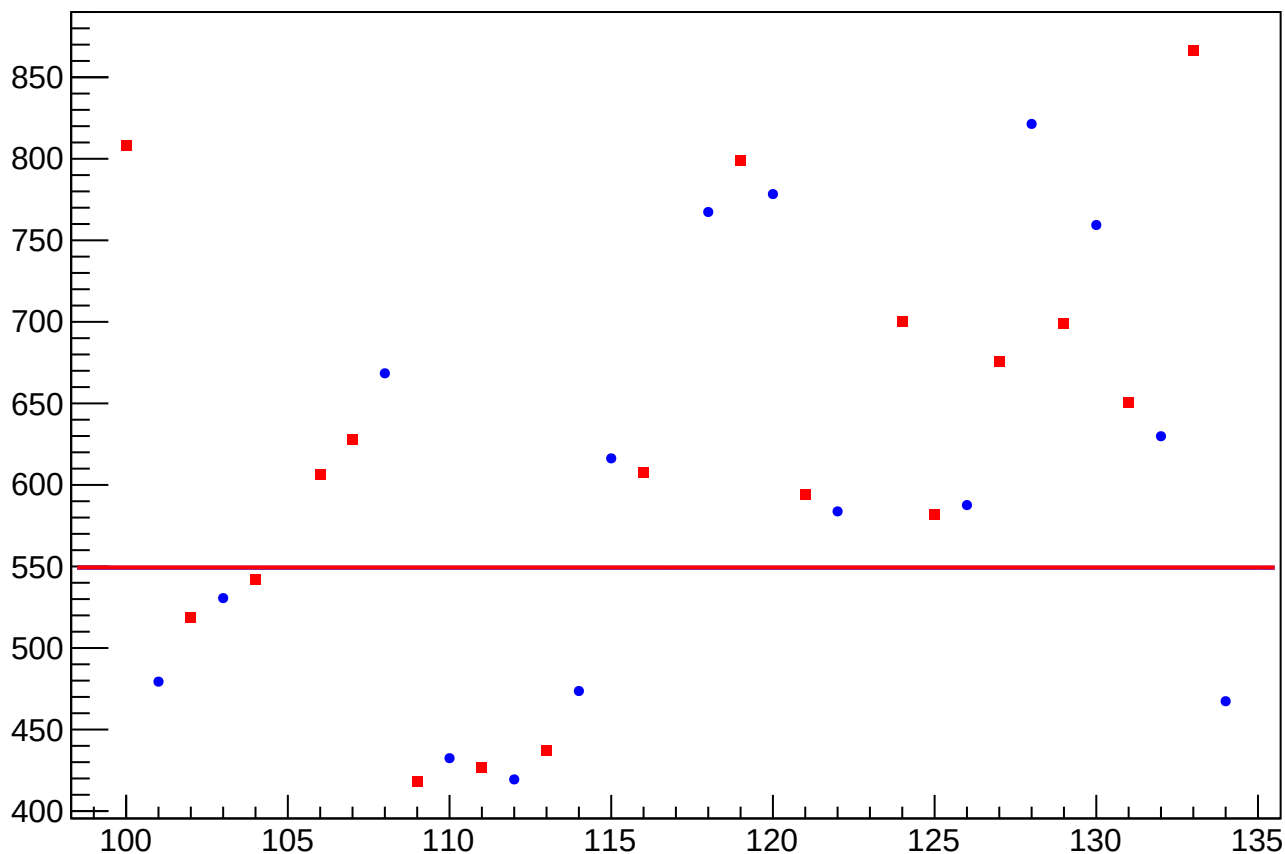
Right: 284.435+/-156.210 χ^2/NDF : 28.0/31

In: 33.904+/-224.737 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.435+/-156.210 χ^2/NDF : 28.0/31

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 549.227+/-0.159 χ^2/NDF : 585579.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.415+/-0.154 χ^2/NDF : 623033.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

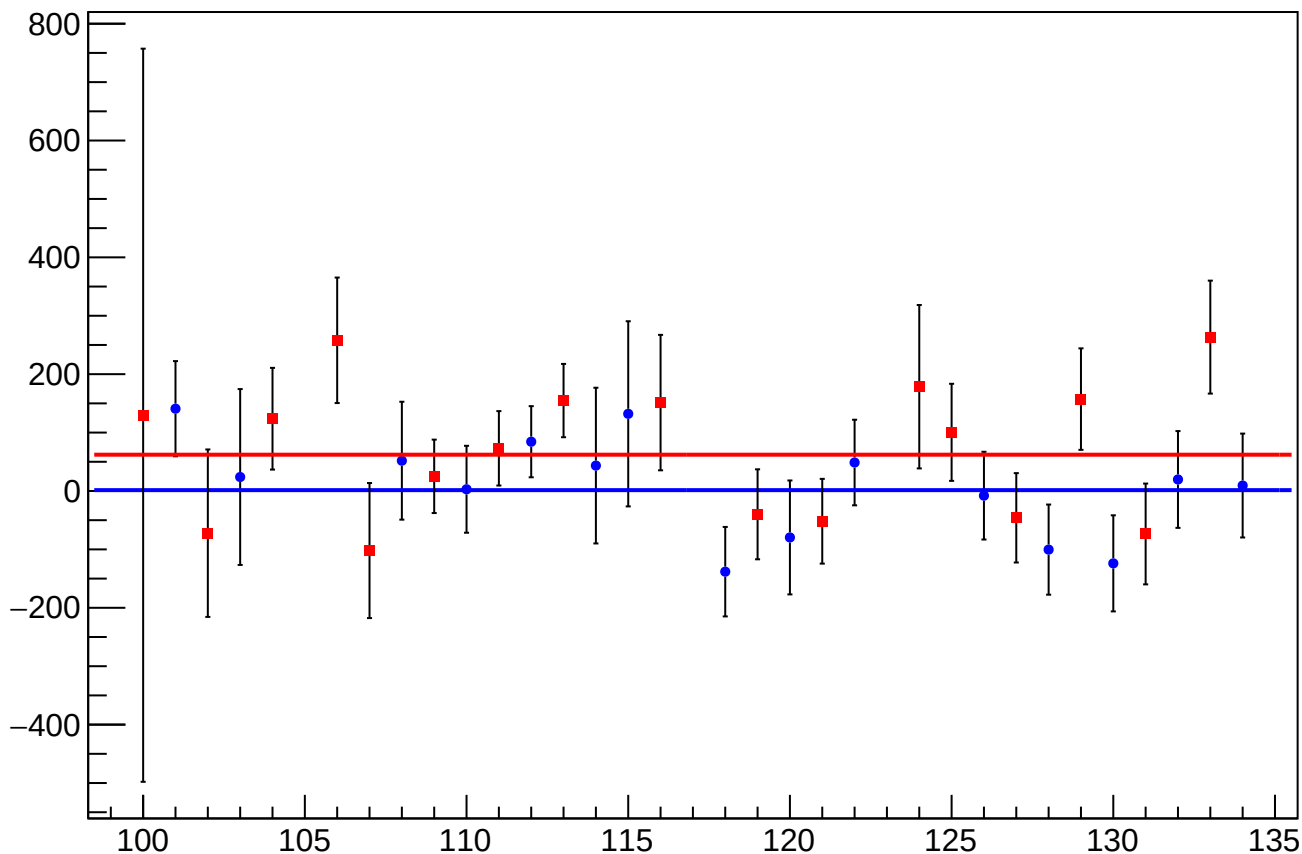
Right: 549.324+/-0.110 χ^2/NDF : 1208613.7/31

In: 549.227+/-0.159 χ^2/NDF : 585579.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.324+/-0.110 χ^2/NDF : 1208613.7/31

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 1.436+/-21.999 χ^2 /NDF: 14.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 62.133+/-20.983 χ^2 /NDF: 25.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

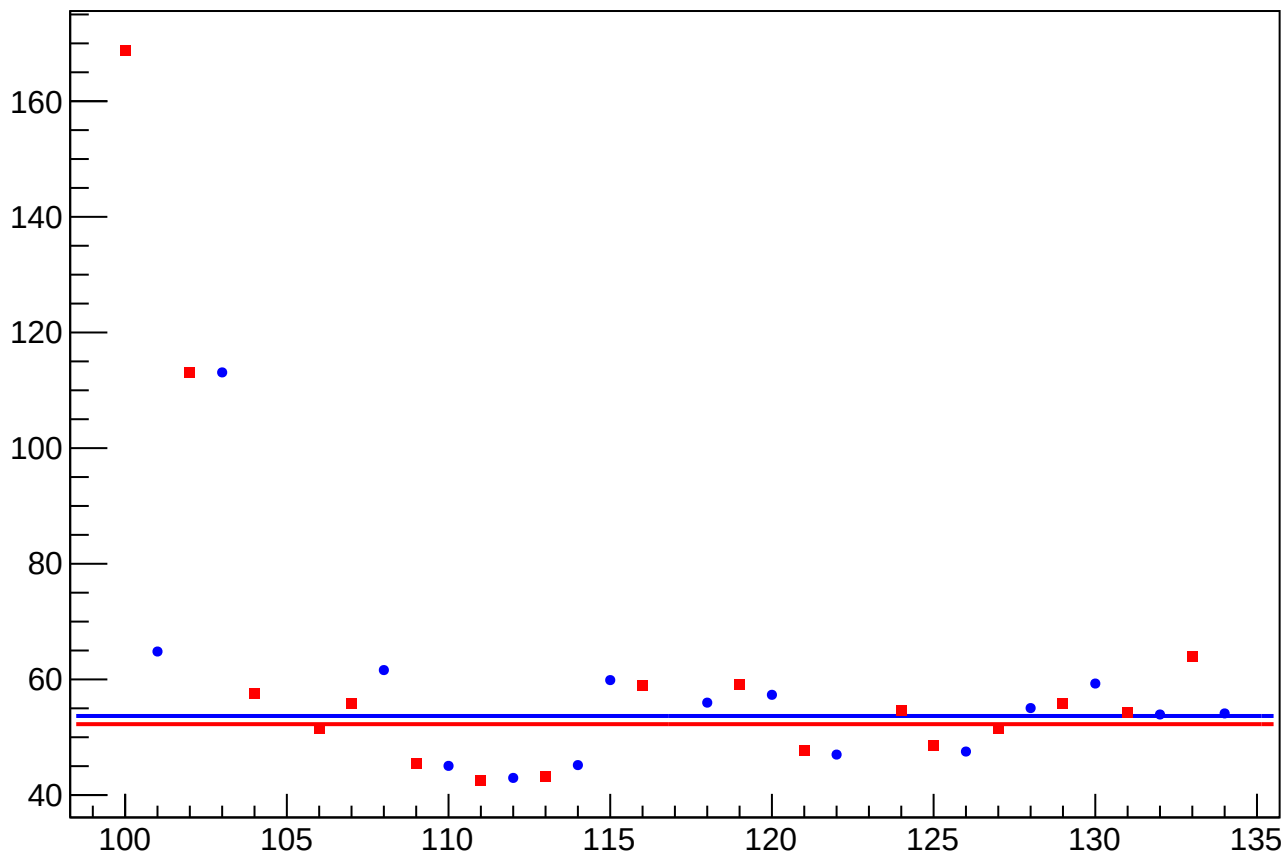
Right: 33.219+/-15.184 χ^2 /NDF: 43.4/31

In: 1.436+/-21.999 χ^2 /NDF:14.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.219+/-15.184 χ^2 /NDF: 43.4/31

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.677+/-0.016 χ^2/NDF : 505959.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.262+/-0.015 χ^2/NDF : 618264.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

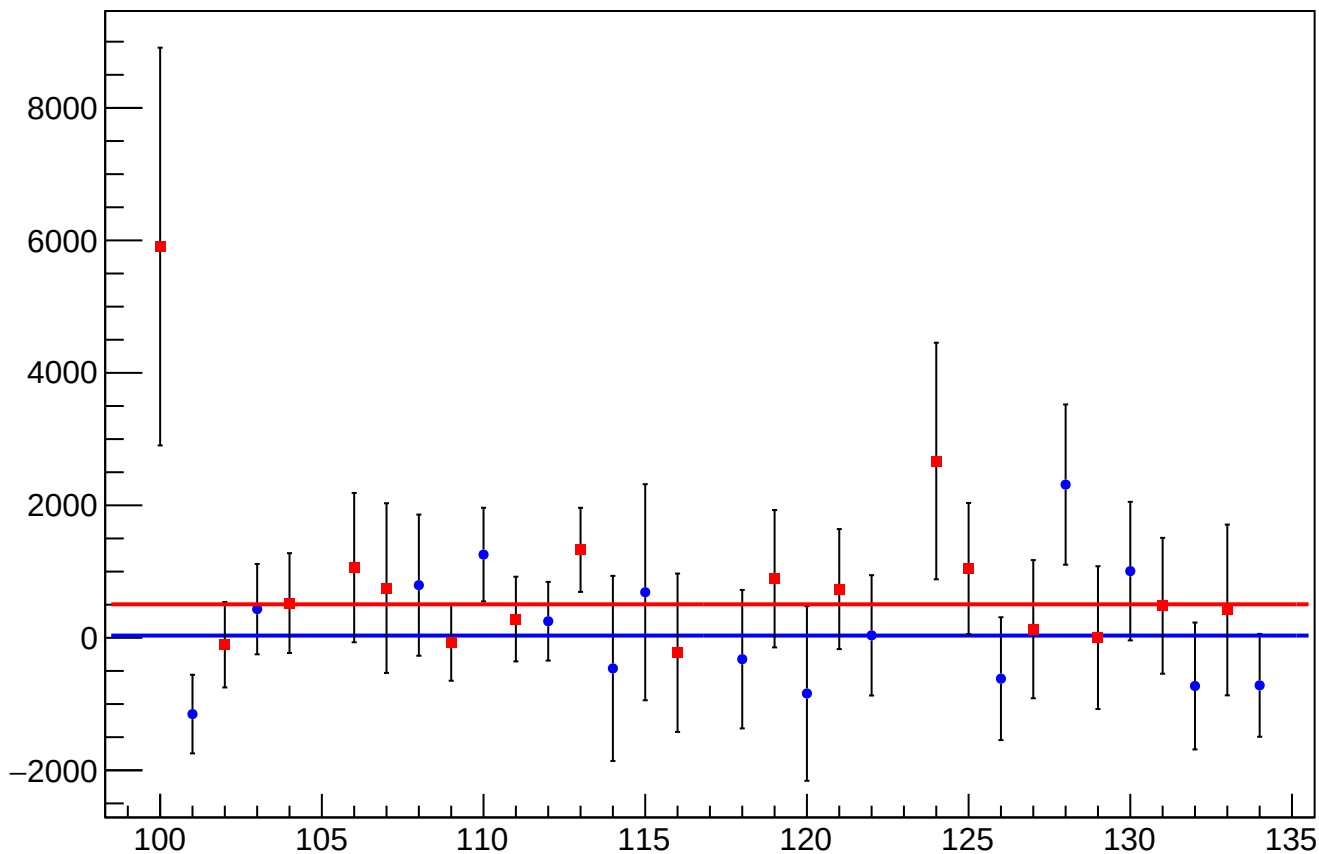
Right: 52.936+/-0.011 χ^2/NDF : 1128553.0/31

In: 53.677+/-0.016 χ^2/NDF : 505959.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.936+/-0.011 χ^2/NDF : 1128553.0/31

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.936+/-224.740 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.848+/-217.513 χ^2/NDF : 9.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

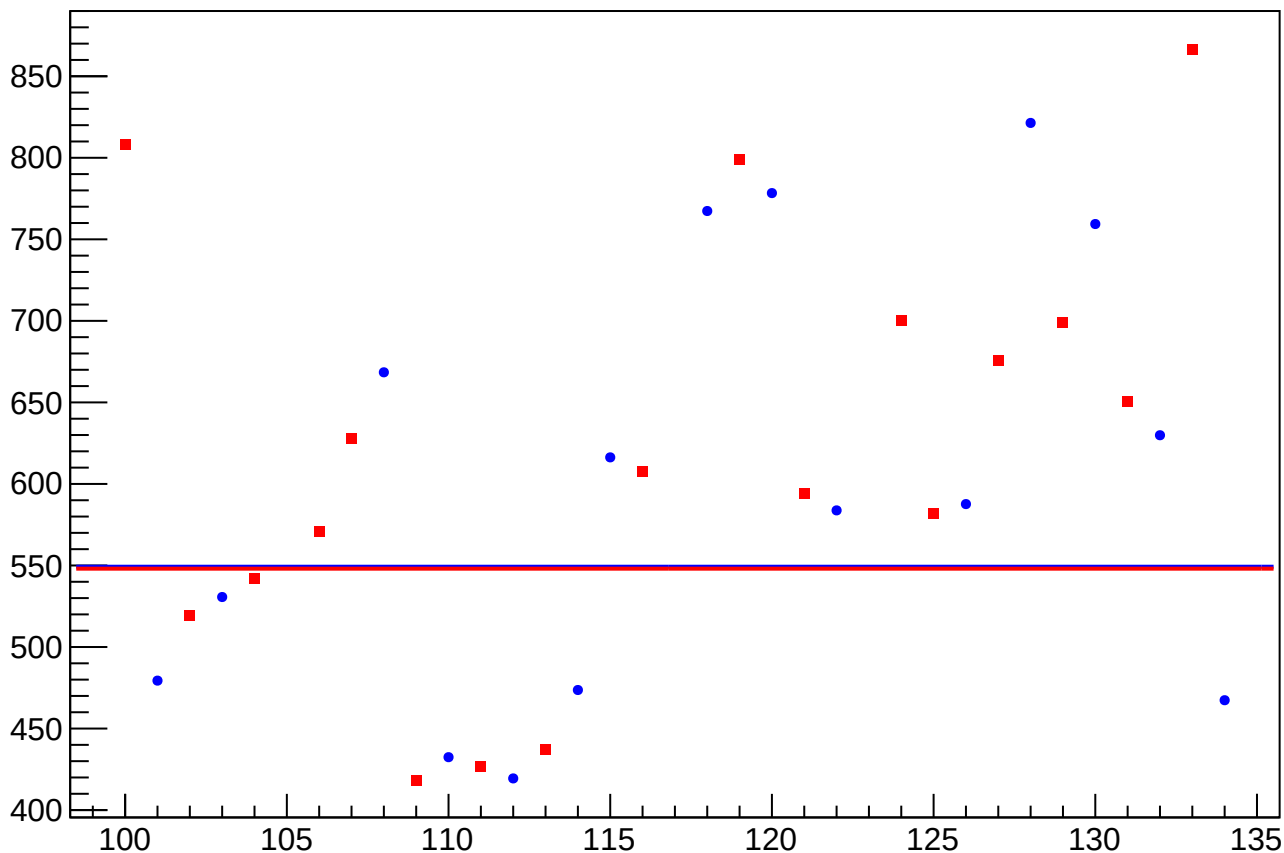
Right: 277.601+/-156.298 χ^2/NDF : 27.5/31

In: 33.936+/-224.740 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.601+/-156.298 χ^2/NDF : 27.5/31

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 549.234+/-0.159 χ^2/NDF : 585570.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.047+/-0.154 χ^2/NDF : 618187.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

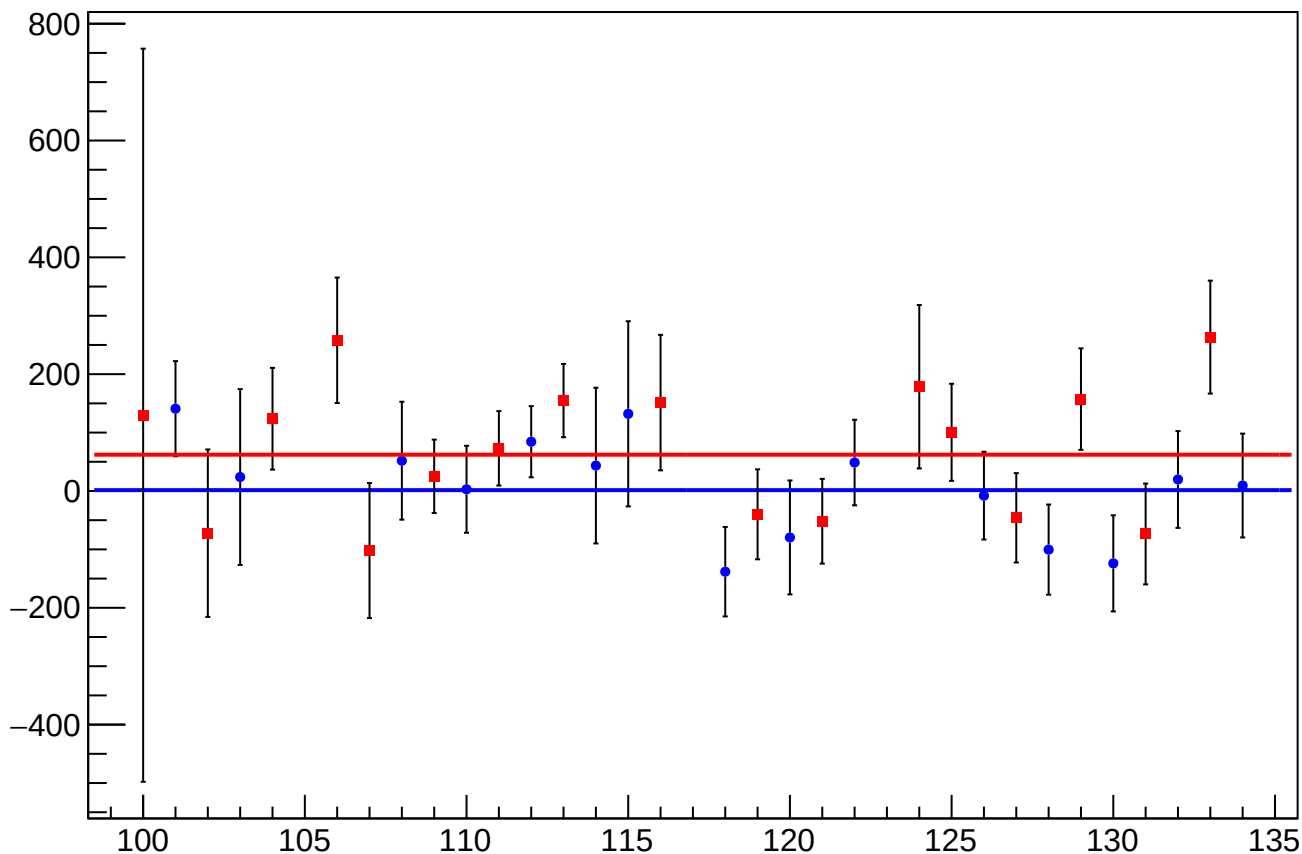
Right: 548.621+/-0.111 χ^2/NDF : 1203786.1/31

In: 549.234+/-0.159 χ^2/NDF : 585570.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.621+/-0.111 χ^2/NDF : 1203786.1/31

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 1.436+/-21.999 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.133+/-20.983 χ^2/NDF : 25.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

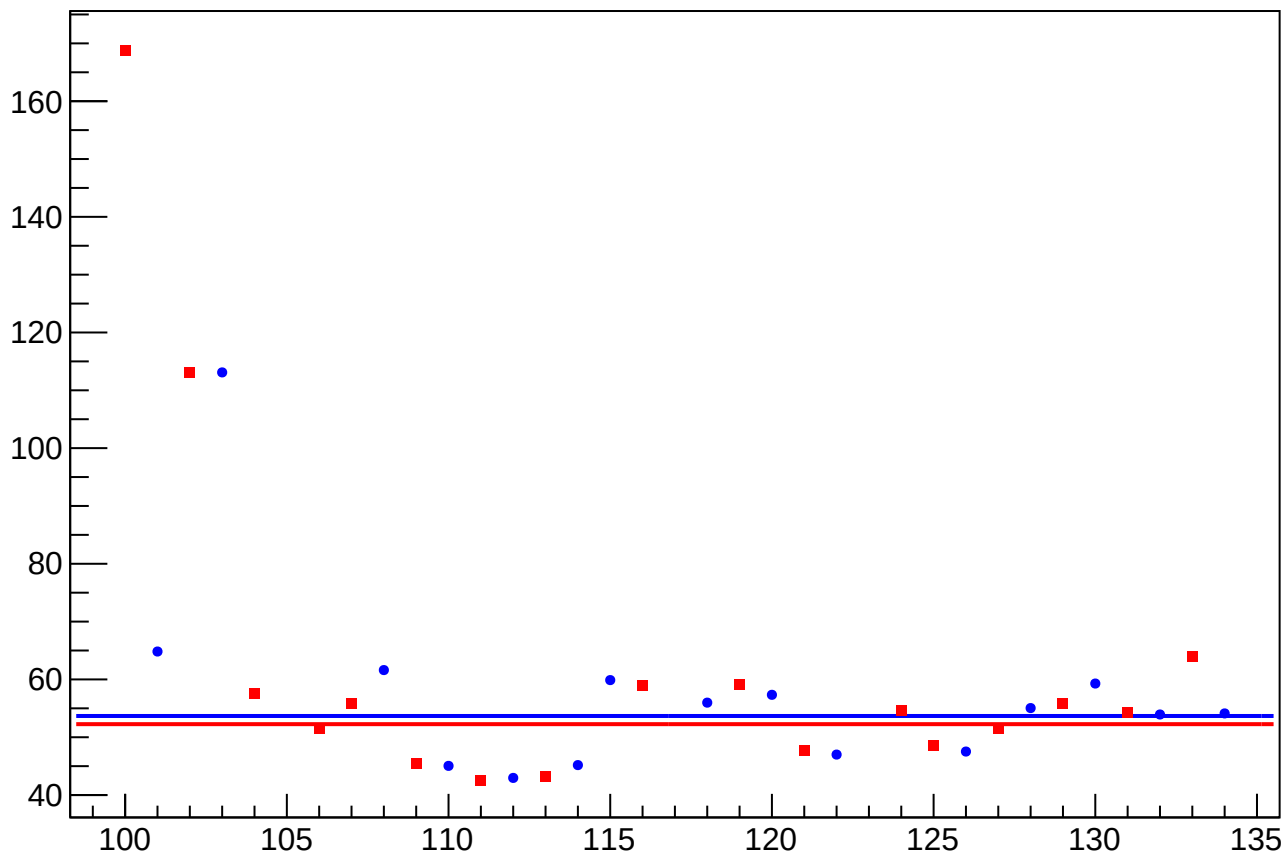
Right: 33.219+/-15.184 χ^2/NDF : 43.4/31

In: 1.436+/-21.999 χ^2/NDF : 14.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.219+/-15.184 χ^2/NDF : 43.4/31

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.677+/-0.016 χ^2/NDF : 505959.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.262+/-0.015 χ^2/NDF : 618264.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

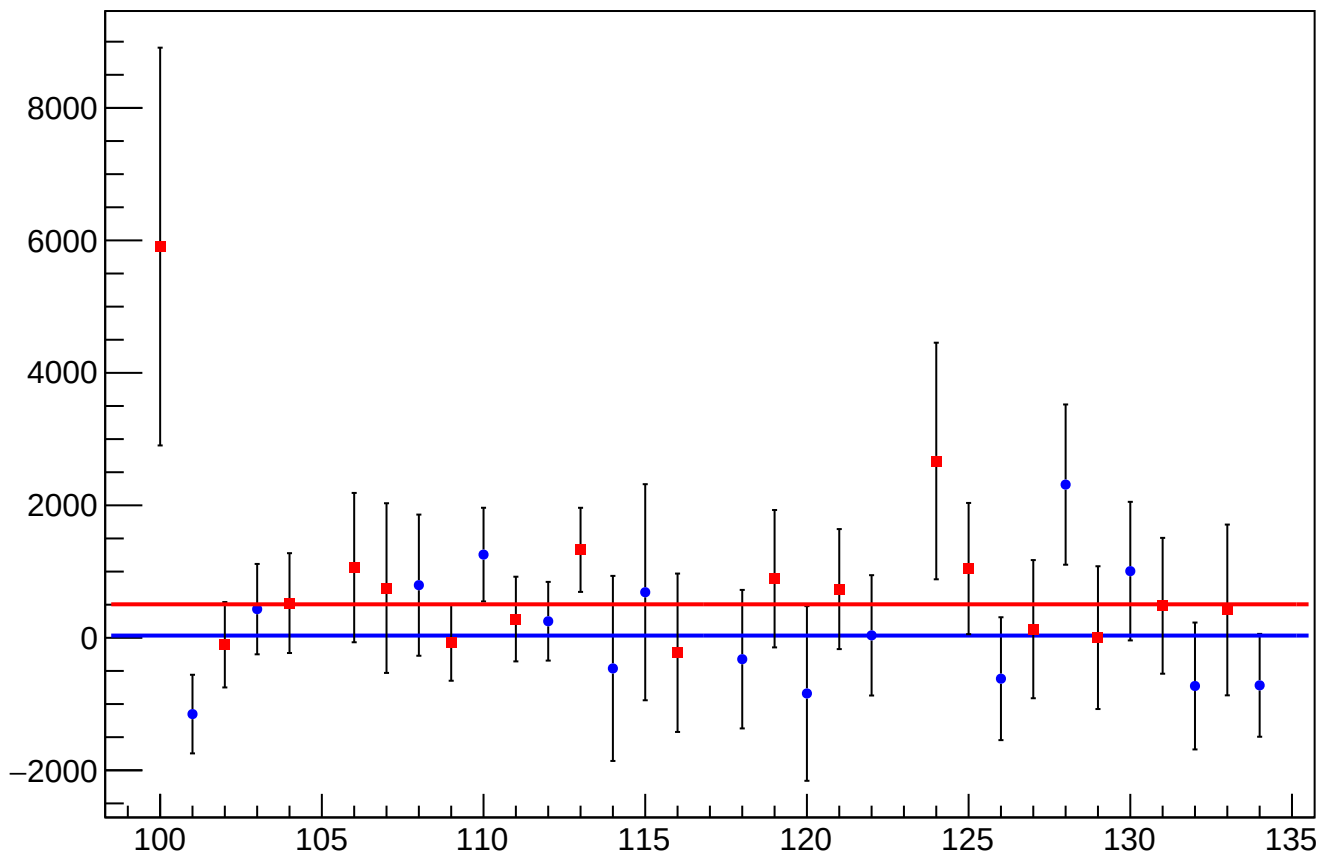
Right: 52.936+/-0.011 χ^2/NDF : 1128553.0/31

In: 53.677+/-0.016 χ^2/NDF : 505959.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.936+/-0.011 χ^2/NDF : 1128553.0/31

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.936+/-224.740 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.848+/-217.513 χ^2/NDF : 9.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

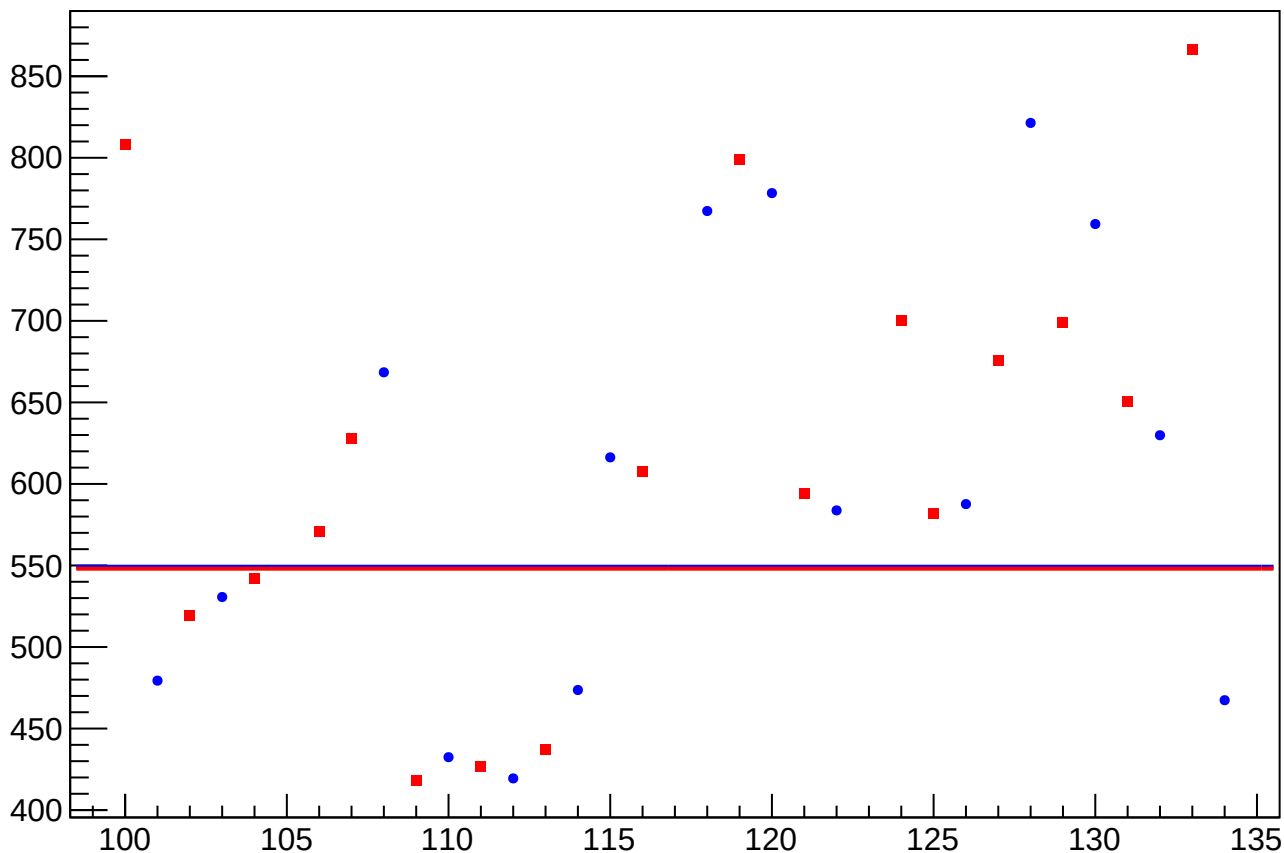
Right: 277.601+/-156.298 χ^2/NDF : 27.5/31

In: 33.936+/-224.740 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.601+/-156.298 χ^2/NDF : 27.5/31

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 549.234+/-0.159 χ^2/NDF : 585570.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.047+/-0.154 χ^2/NDF : 618187.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

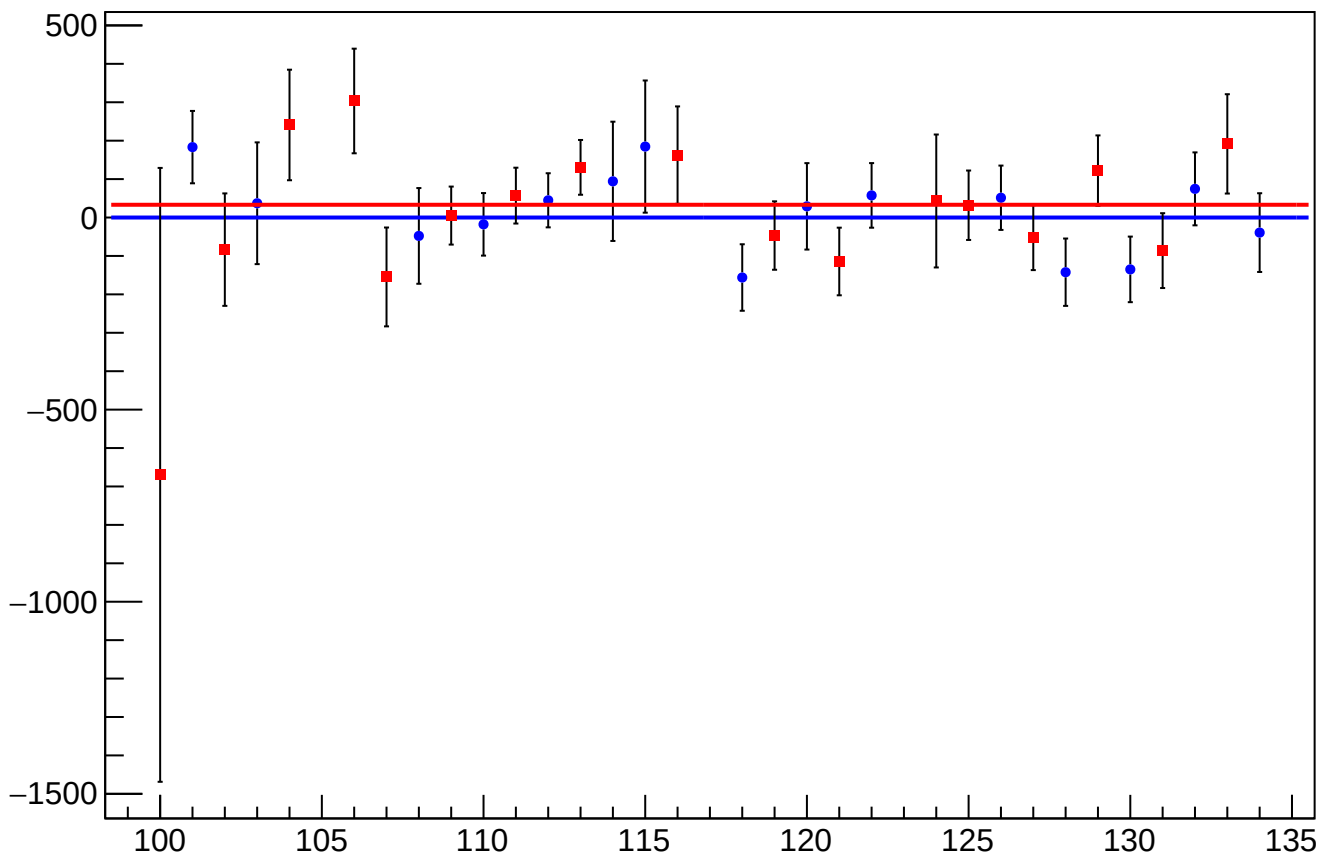
Right: 548.621+/-0.111 χ^2/NDF : 1203786.1/31

In: 549.234+/-0.159 χ^2/NDF : 585570.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.621+/-0.111 χ^2/NDF : 1203786.1/31

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.015 ± 24.882 $\chi^2/\text{NDF}: 16.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 33.186 ± 24.468 $\chi^2/\text{NDF}: 21.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

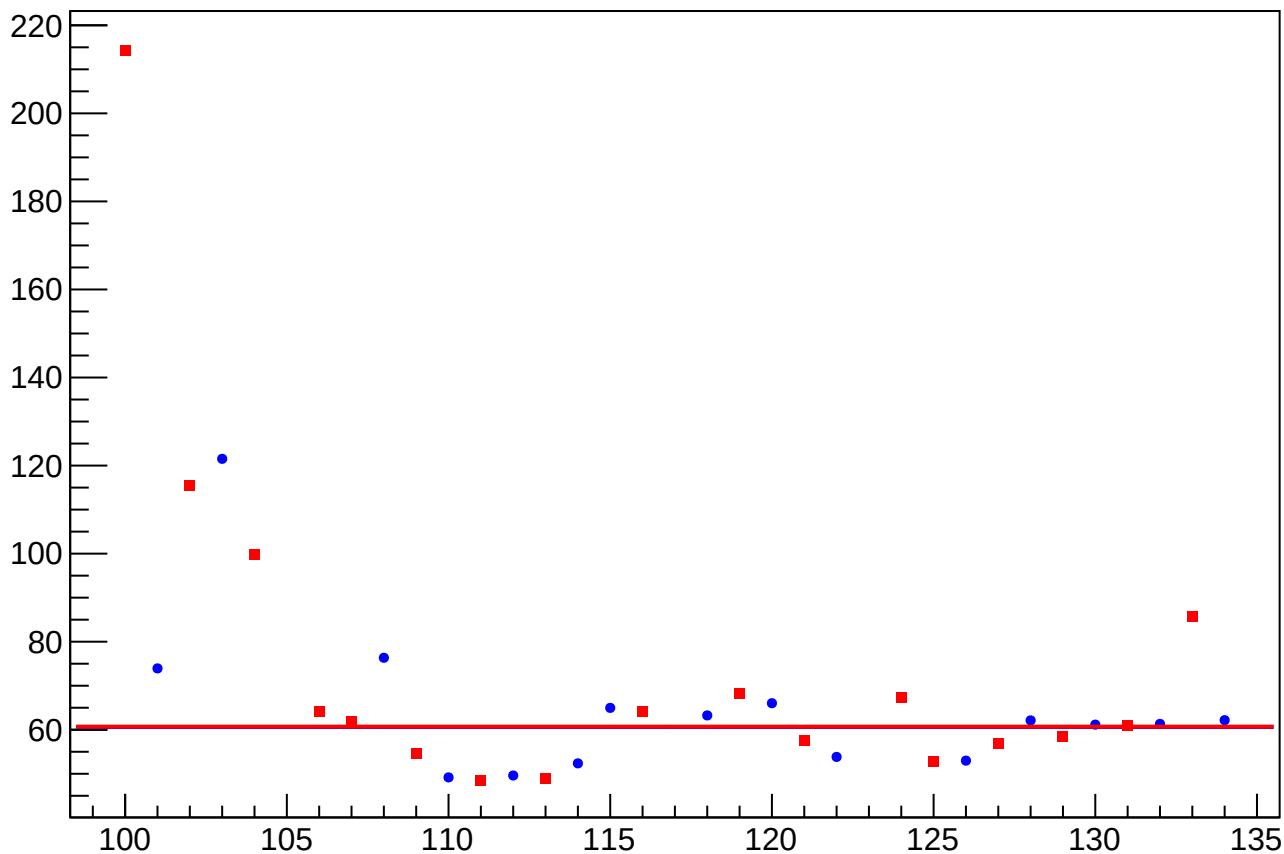
Right: 16.864 ± 17.446 $\chi^2/\text{NDF}: 38.2/31$

In: -0.015 ± 24.882 $\chi^2/\text{NDF}: 16.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 16.864 ± 17.446 $\chi^2/\text{NDF}: 38.2/31$

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.636+/-0.018 χ^2/NDF : 500158.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.699+/-0.017 χ^2/NDF : 744190.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

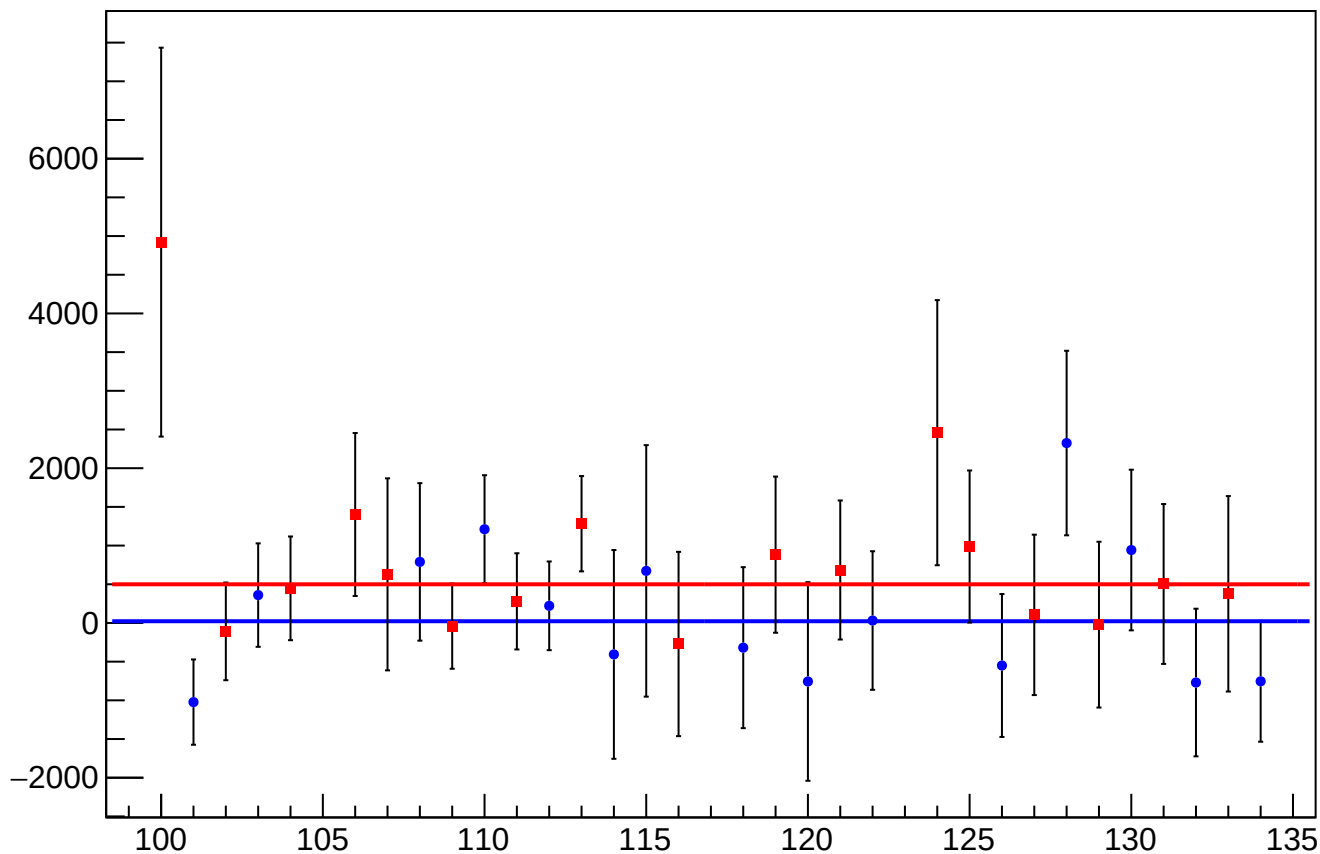
Right: 60.668+/-0.012 χ^2/NDF : 1244356.1/31

In: 60.636+/-0.018 χ^2/NDF : 500158.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.668+/-0.012 χ^2/NDF : 1244356.1/31

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 22.296+/-219.045 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.657+/-210.171 χ^2/NDF : 10.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

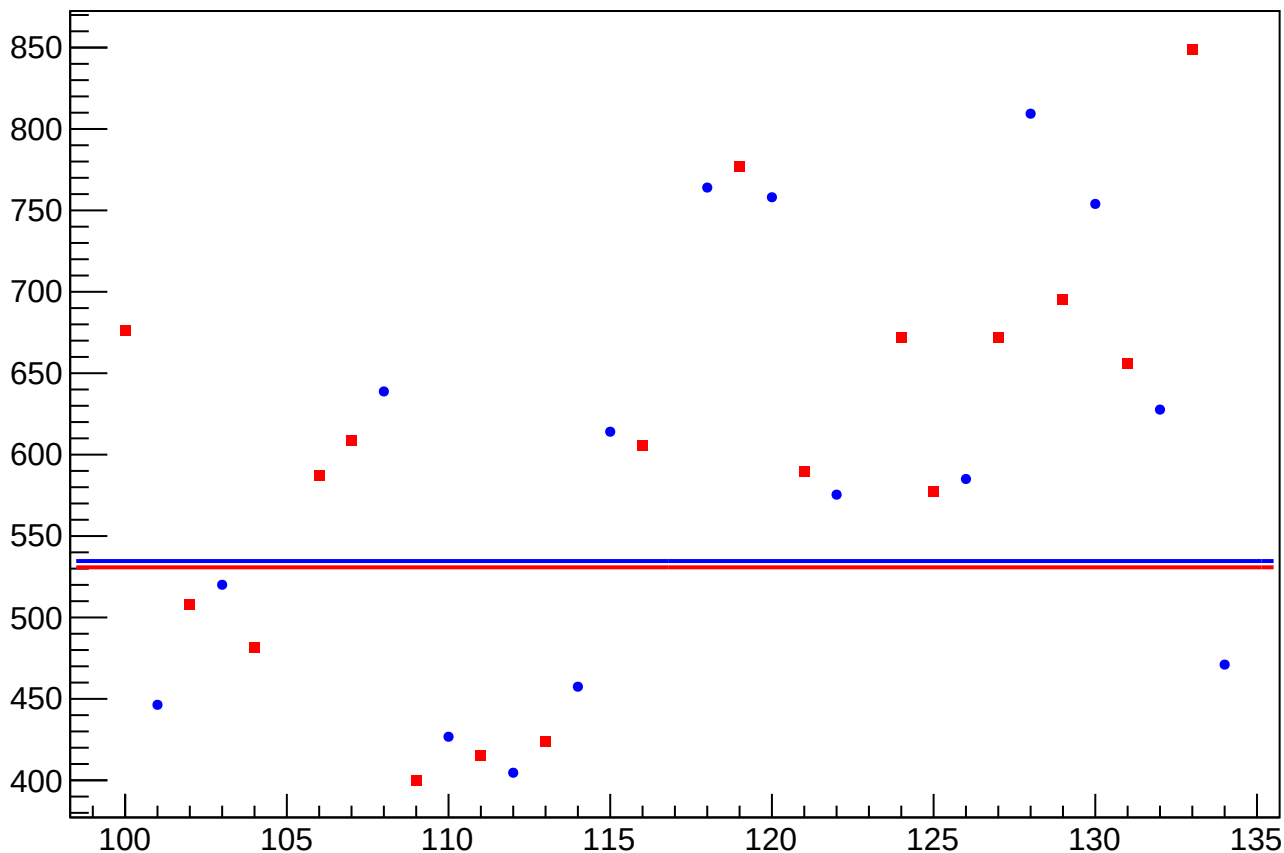
Right: 270.842+/-151.654 χ^2/NDF : 27.3/31

In: 22.296+/-219.045 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.842+/-151.654 χ^2/NDF : 27.3/31

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.644+/-0.155 χ^2/NDF : 630976.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.792+/-0.149 χ^2/NDF : 670242.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

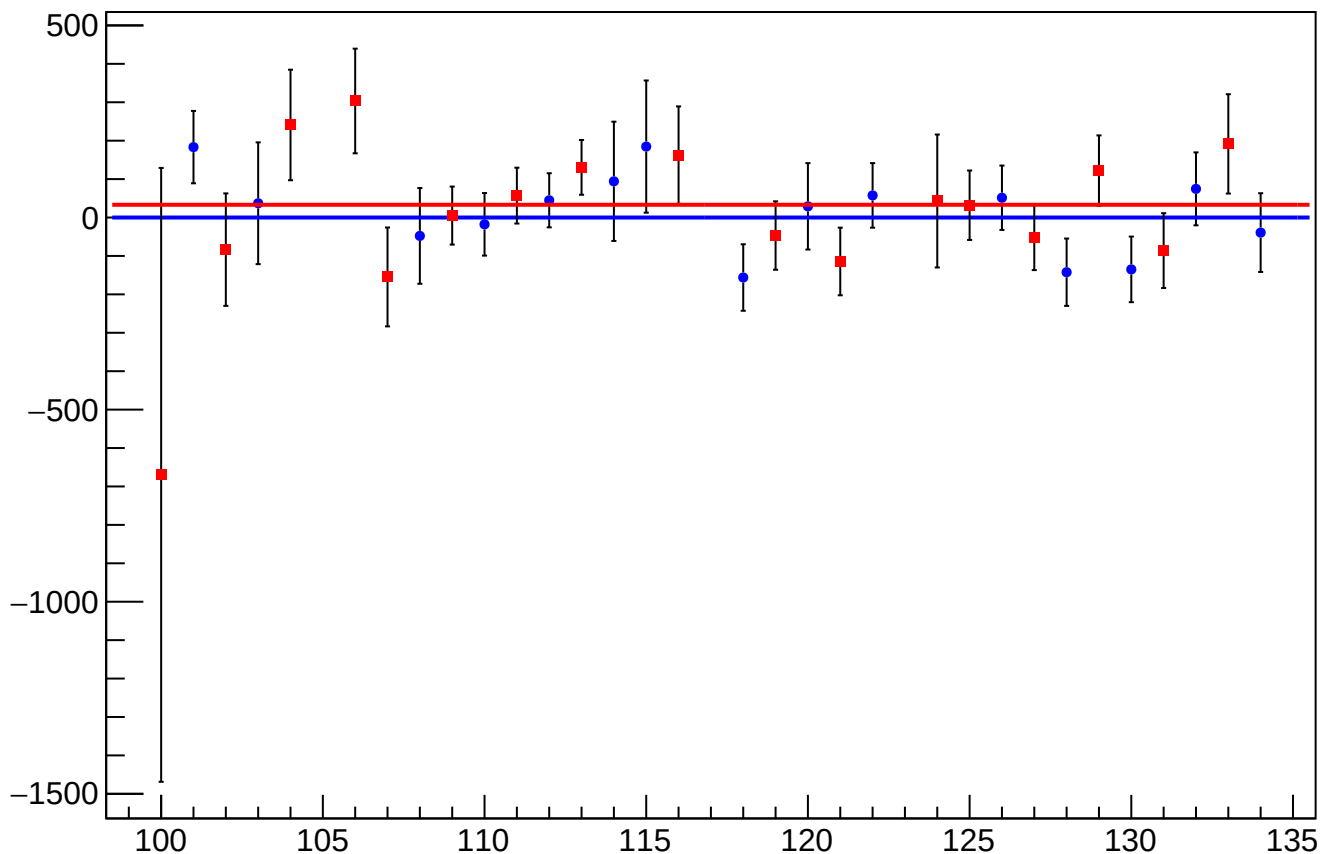
Right: 532.639+/-0.107 χ^2/NDF : 1301541.2/31

In: 534.644+/-0.155 χ^2/NDF : 630976.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.639+/-0.107 χ^2/NDF : 1301541.2/31

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.016 ± 24.882 $\chi^2/\text{NDF}: 16.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 33.185 ± 24.468 $\chi^2/\text{NDF}: 21.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

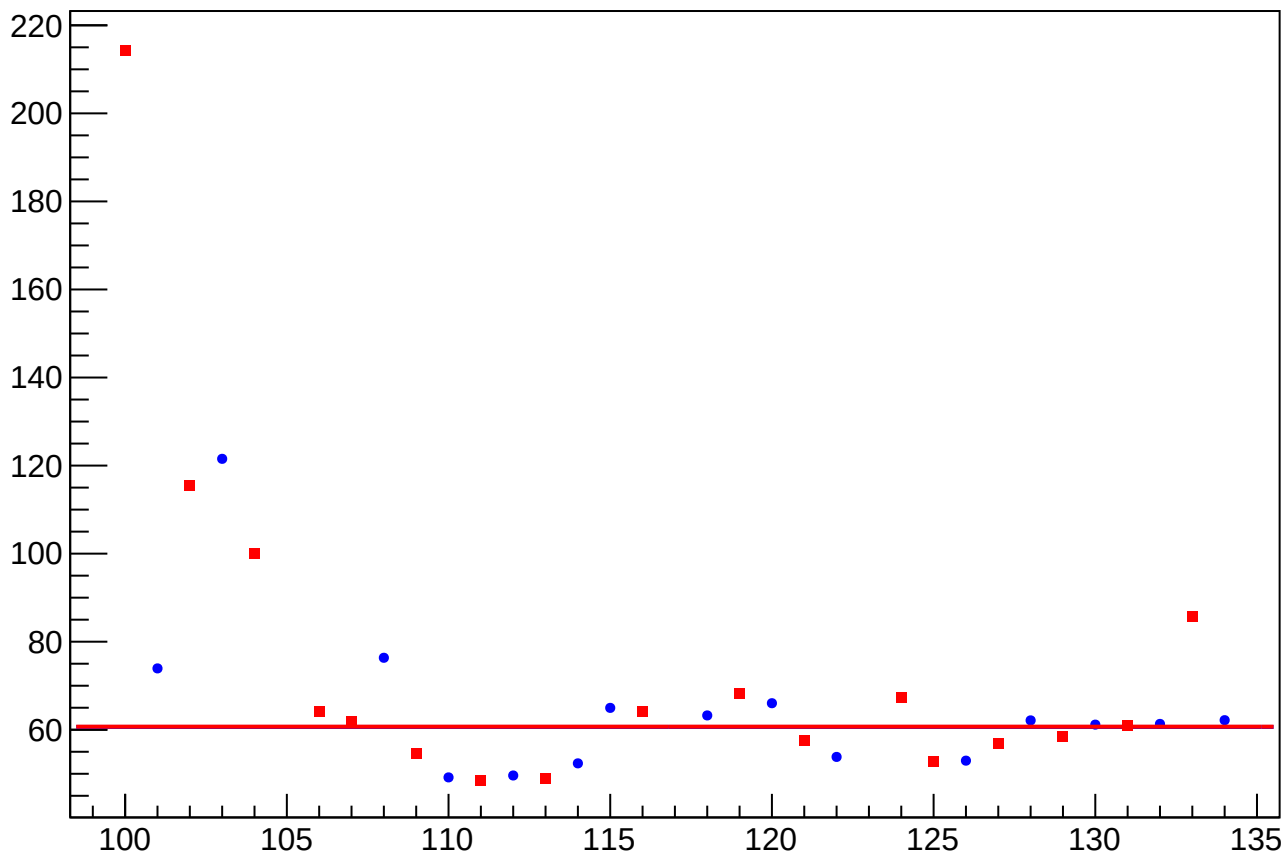
Right: 16.863 ± 17.446 $\chi^2/\text{NDF}: 38.2/31$

In: -0.016 ± 24.882 $\chi^2/\text{NDF}: 16.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 16.863 ± 17.446 $\chi^2/\text{NDF}: 38.2/31$

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.636+/-0.018 χ^2/NDF : 500156.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.700+/-0.017 χ^2/NDF : 744190.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

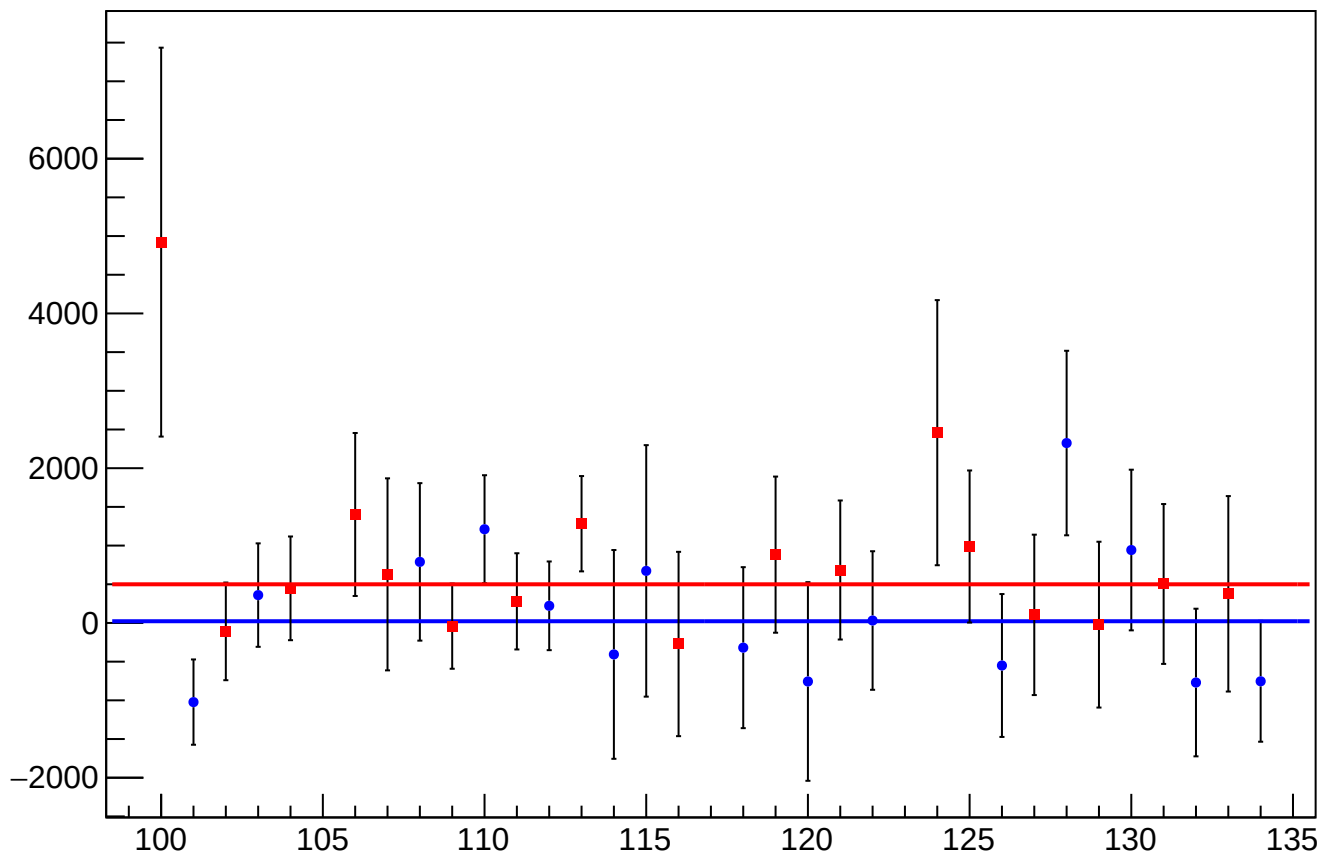
Right: 60.668+/-0.012 χ^2/NDF : 1244353.2/31

In: 60.636+/-0.018 χ^2/NDF : 500156.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.668+/-0.012 χ^2/NDF : 1244353.2/31

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 22.296+/-219.045 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.656+/-210.171 χ^2/NDF : 10.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

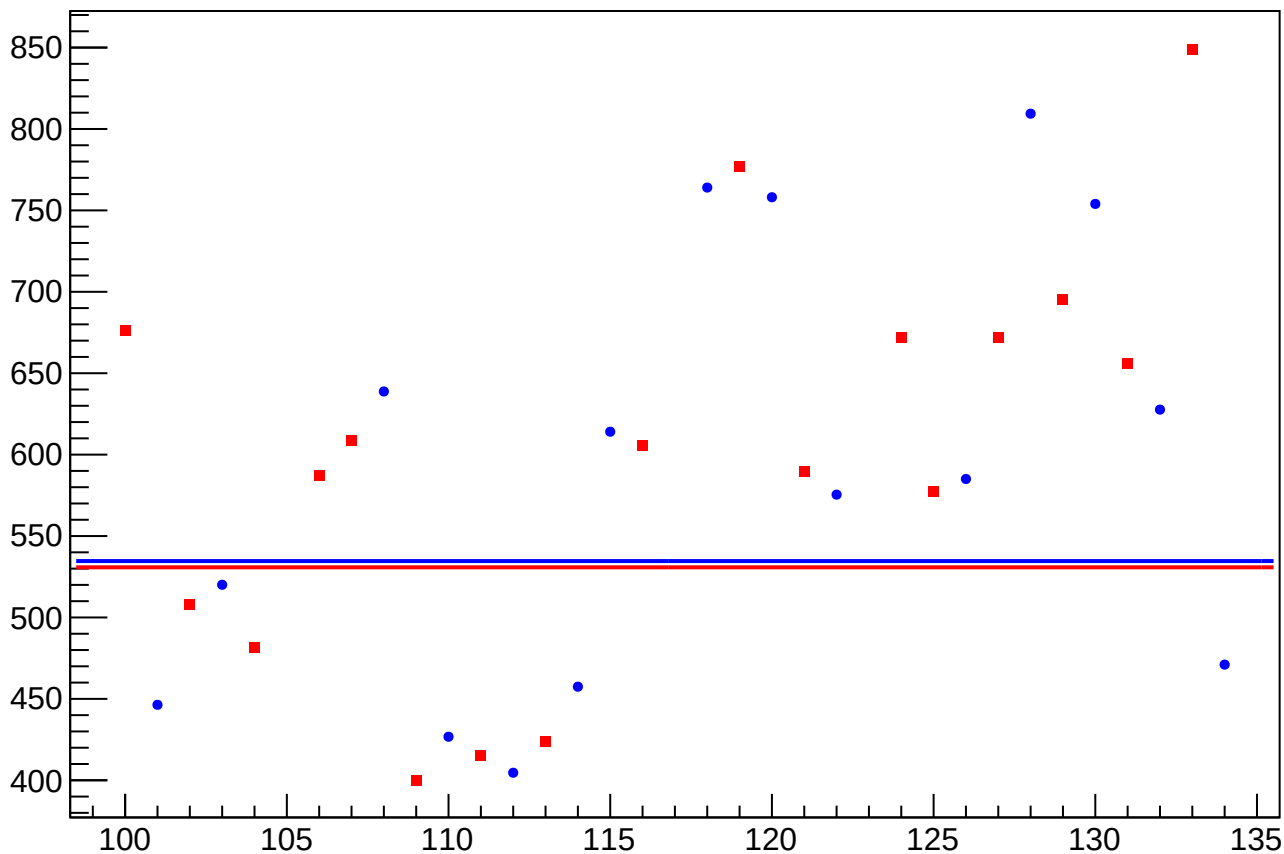
Right: 270.841+/-151.653 χ^2/NDF : 27.3/31

In: 22.296+/-219.045 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.841+/-151.653 χ^2/NDF : 27.3/31

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.643 $\pm$ 0.155 χ^2 /NDF: 630982.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 530.791 $\pm$ 0.149 χ^2 /NDF: 670245.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

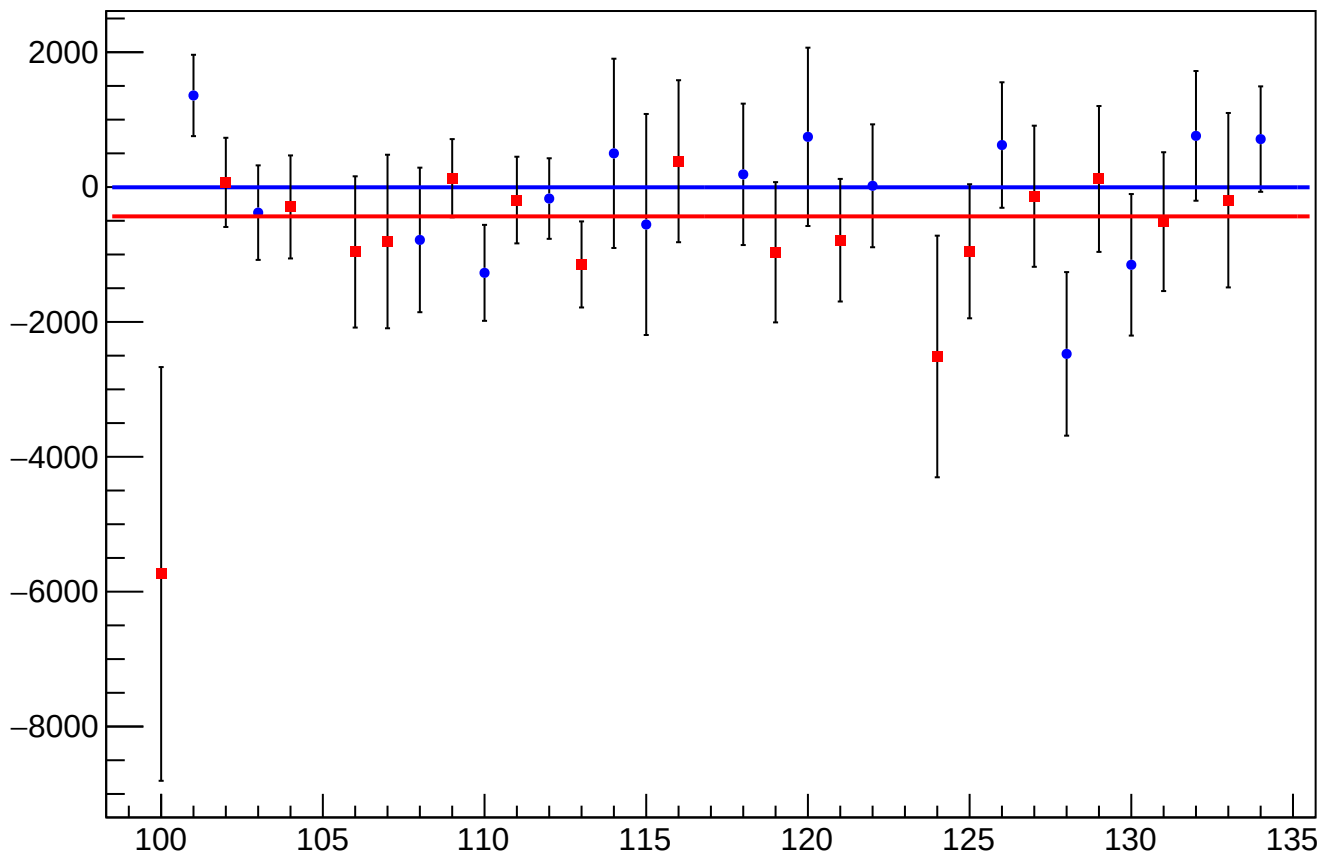
Right: 532.637 $\pm$ 0.107 χ^2 /NDF: 1301550.1/31

In: 534.643 $\pm$ 0.155 χ^2 /NDF:630982.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 532.637 $\pm$ 0.107 χ^2 /NDF: 1301550.1/31

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -3.309 ± 226.711 χ^2/NDF : 17.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -434.615 ± 219.163 χ^2/NDF : 9.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

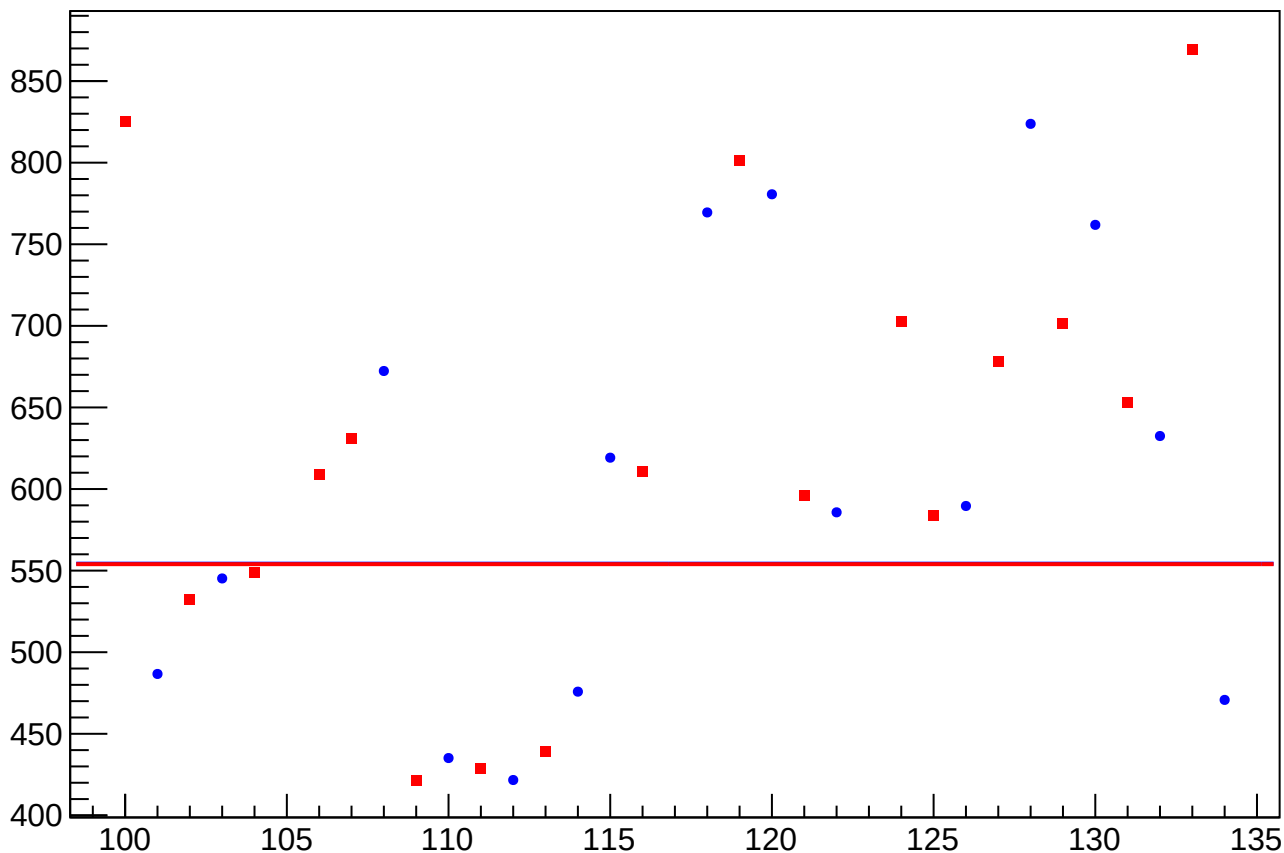
Right: -226.261 ± 157.573 χ^2/NDF : 28.0/31

In: -3.309 ± 226.711 χ^2/NDF : 17.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -226.261 ± 157.573 χ^2/NDF : 28.0/31

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 554.254+/-0.160 χ^2/NDF : 574884.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.956+/-0.155 χ^2/NDF : 615114.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

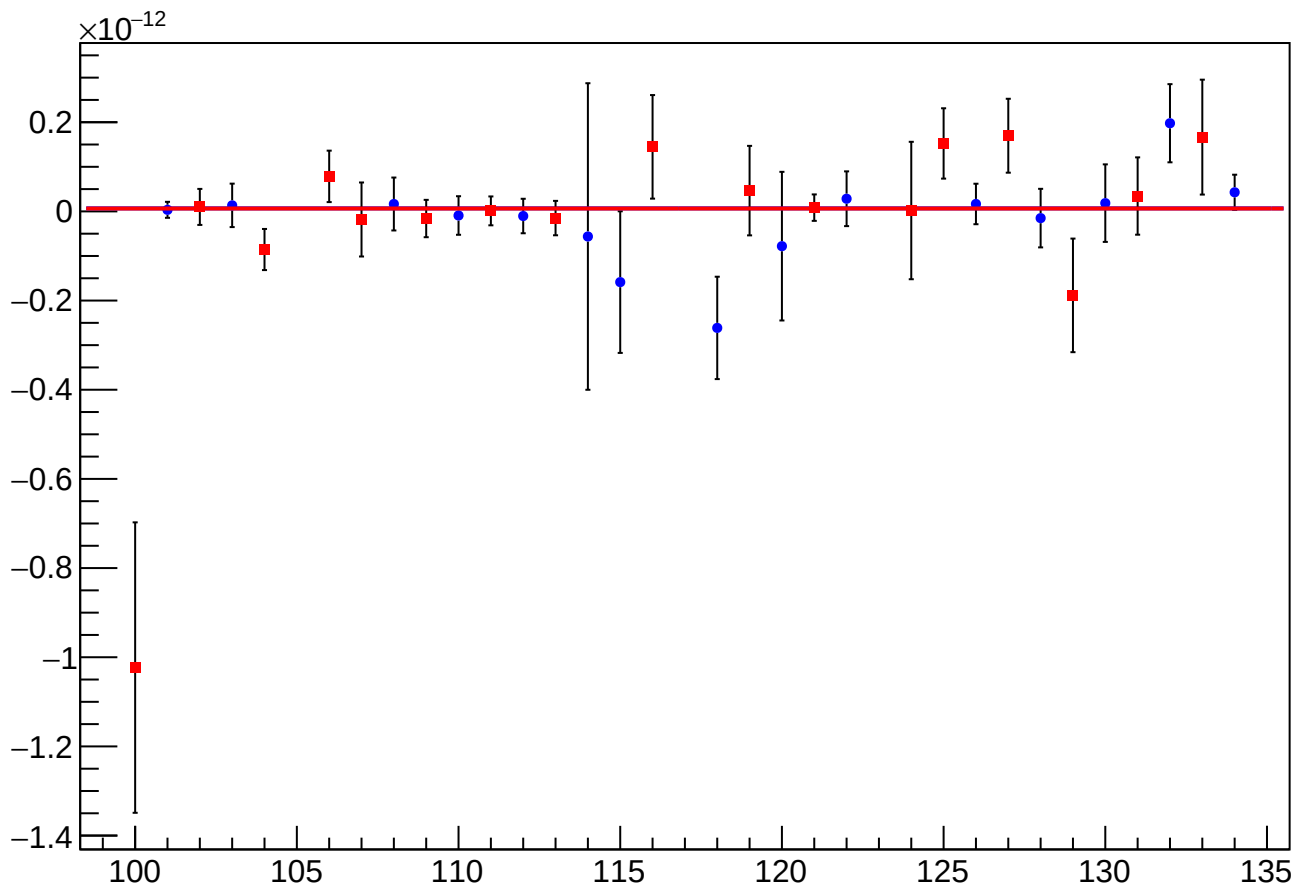
Right: 554.100+/-0.111 χ^2/NDF : 1190000.3/31

In: 554.254+/-0.160 χ^2/NDF : 574884.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.100+/-0.111 χ^2/NDF : 1190000.3/31

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

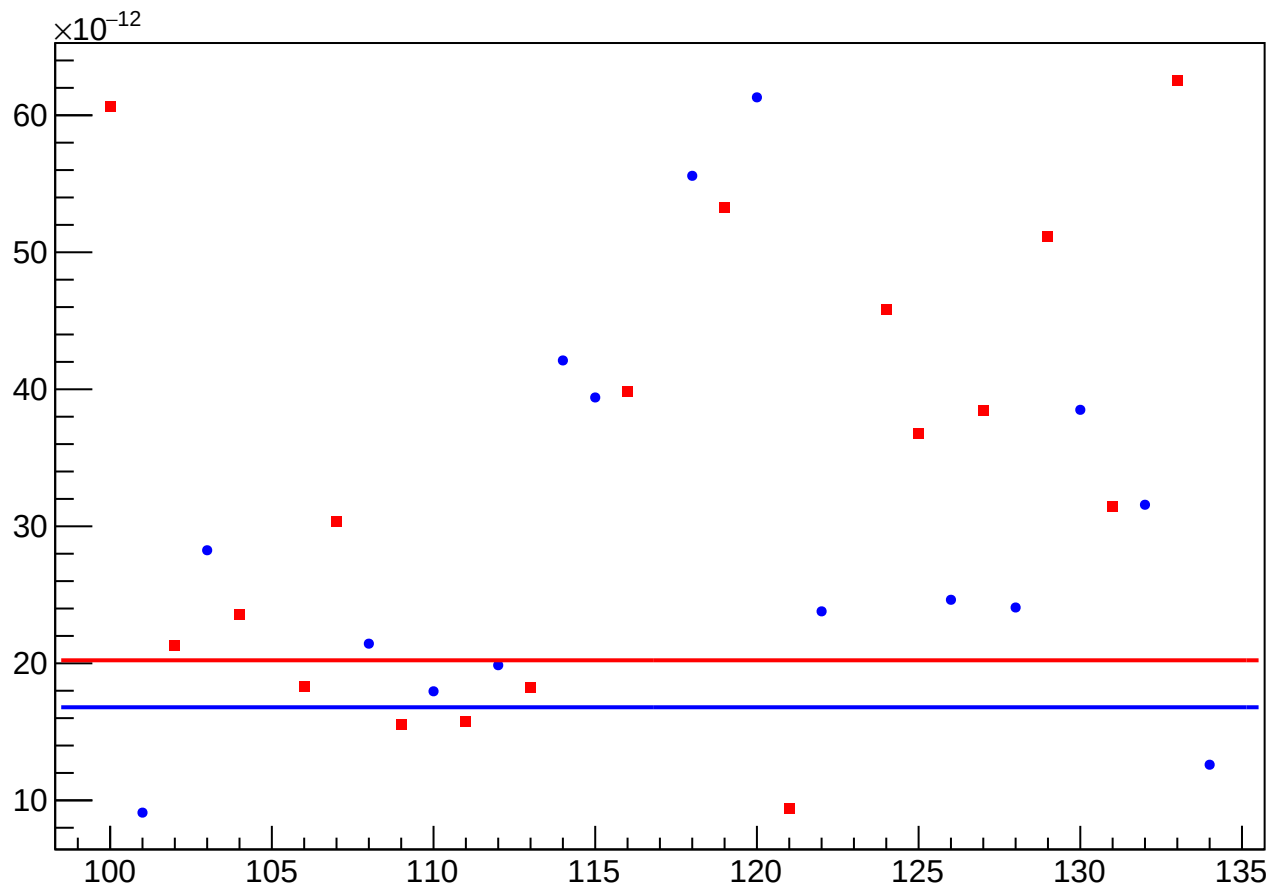
Right: 0.000+/-0.000 χ^2/NDF : 42.2/31

In: 0.000+/-0.000 χ^2/NDF : 13.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.2/31

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1241480.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1289260.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

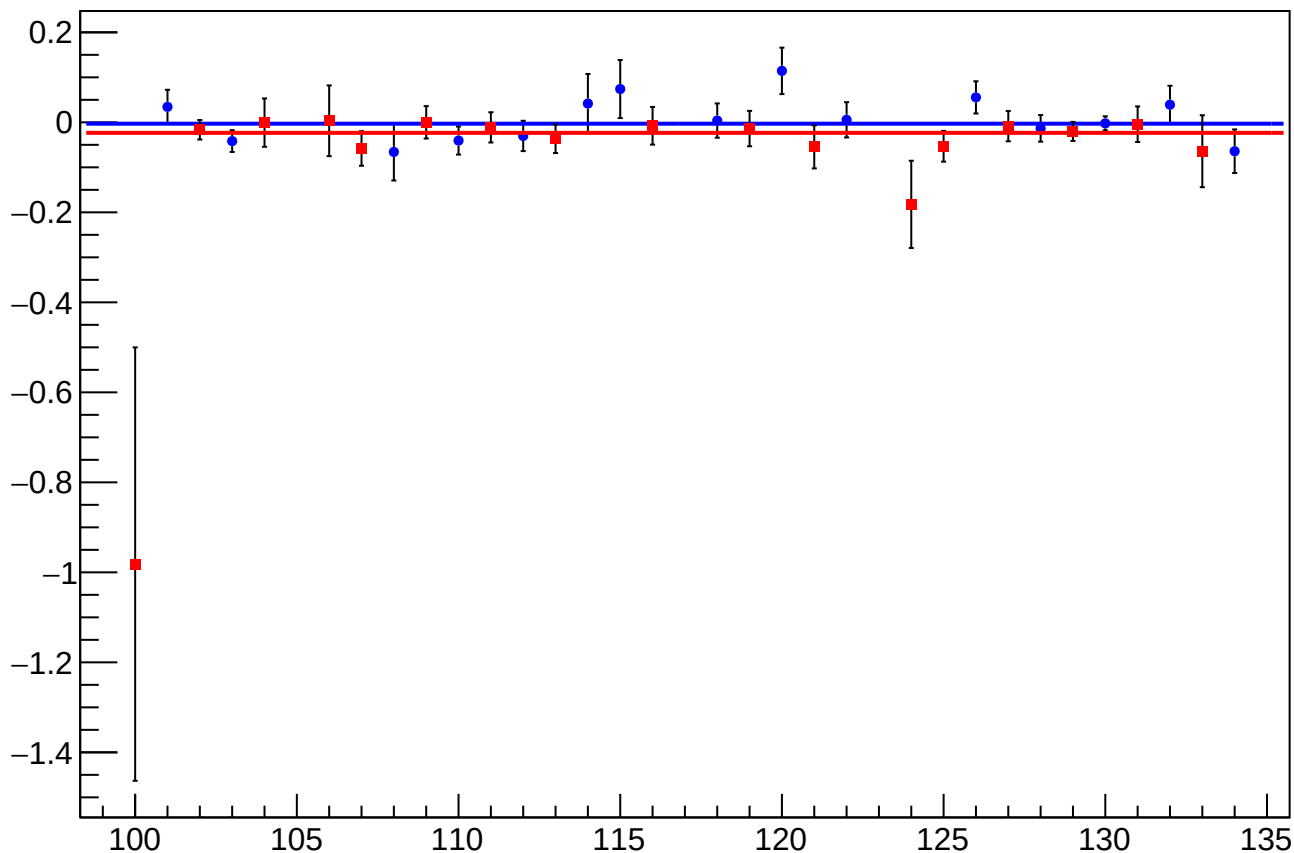
Right: 0.000+/-0.000 χ^2/NDF : 2604485.4/31

In: 0.000+/-0.000 χ^2/NDF : 1241480.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2604485.4/31

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

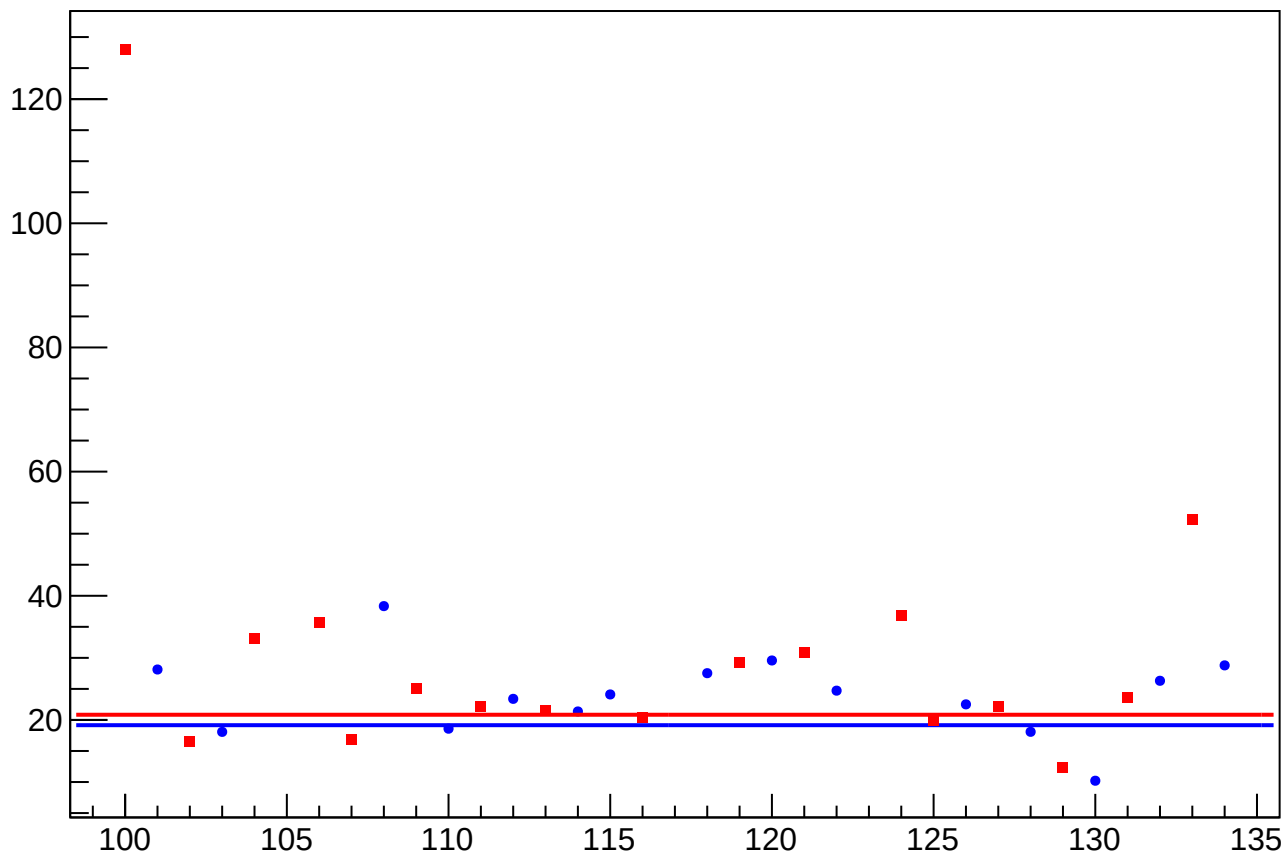
Right: -0.013 ± 0.006 χ^2/NDF : 32.5/31

In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.006 χ^2/NDF : 32.5/31

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.155+/-0.006 χ^2/NDF : 1380106.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.837+/-0.006 χ^2/NDF : 1281476.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

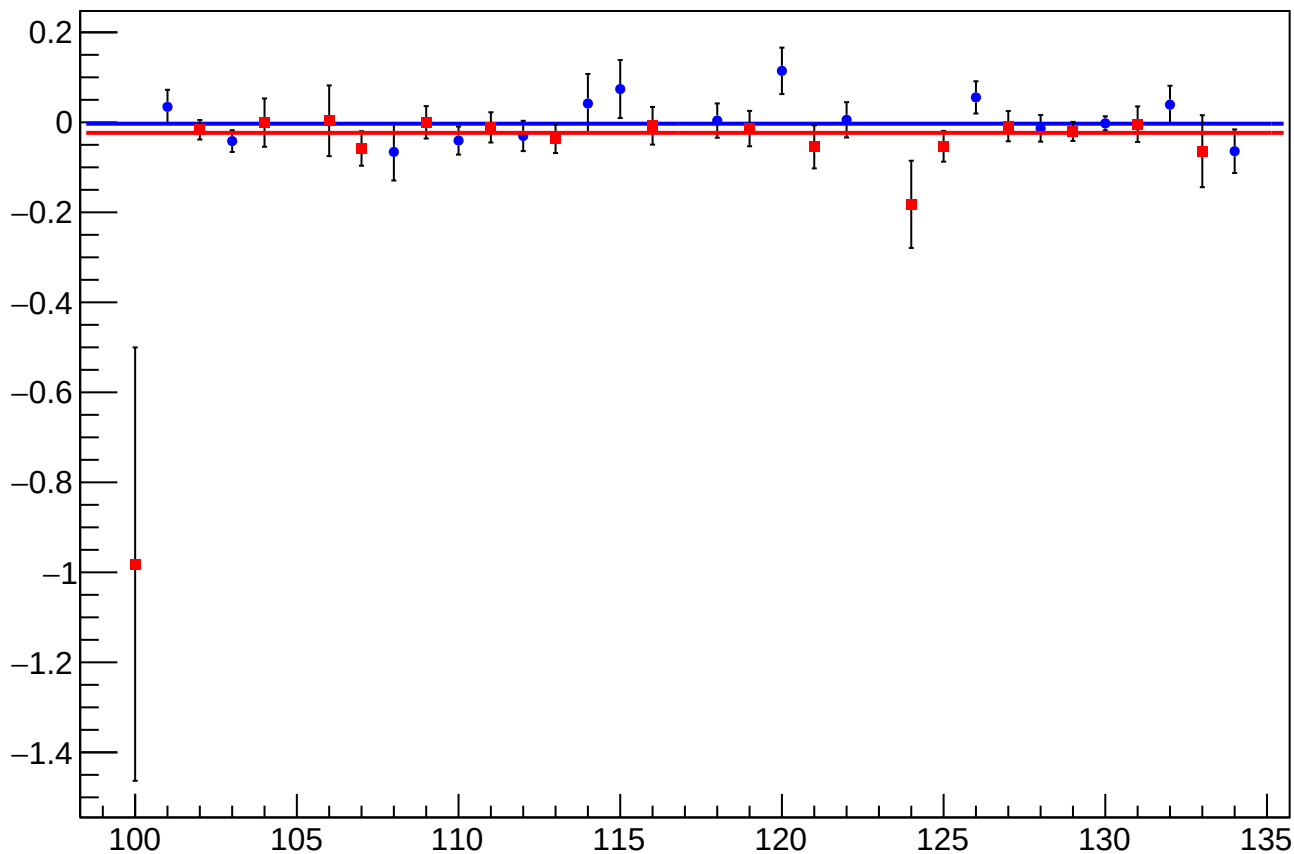
Right: 19.955+/-0.004 χ^2/NDF : 2698649.4/31

In: 19.155+/-0.006 χ^2/NDF : 1380106.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698649.4/31

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

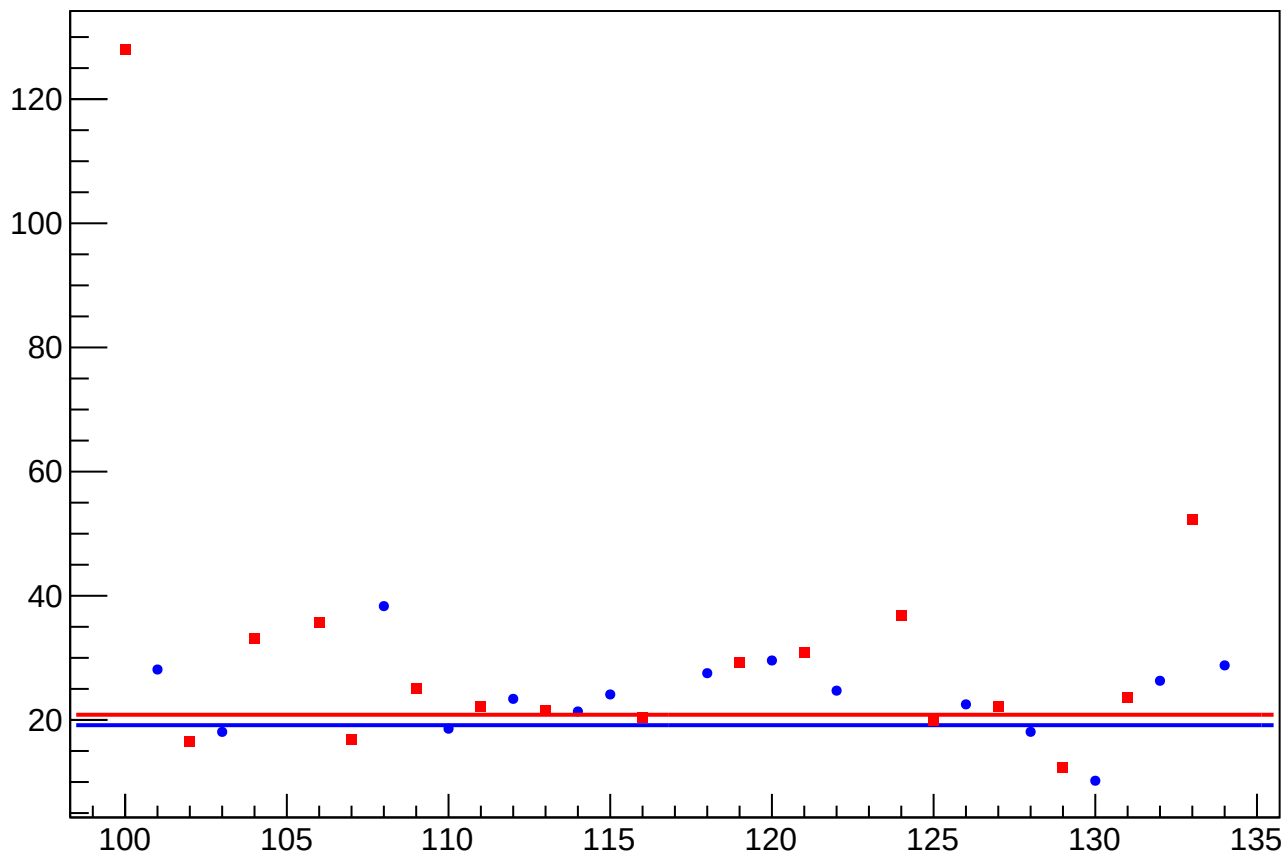
Right: -0.013 ± 0.006 χ^2/NDF : 32.5/31

In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.006 χ^2/NDF : 32.5/31

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.155+/-0.006 χ^2/NDF : 1380106.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.837+/-0.006 χ^2/NDF : 1281476.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

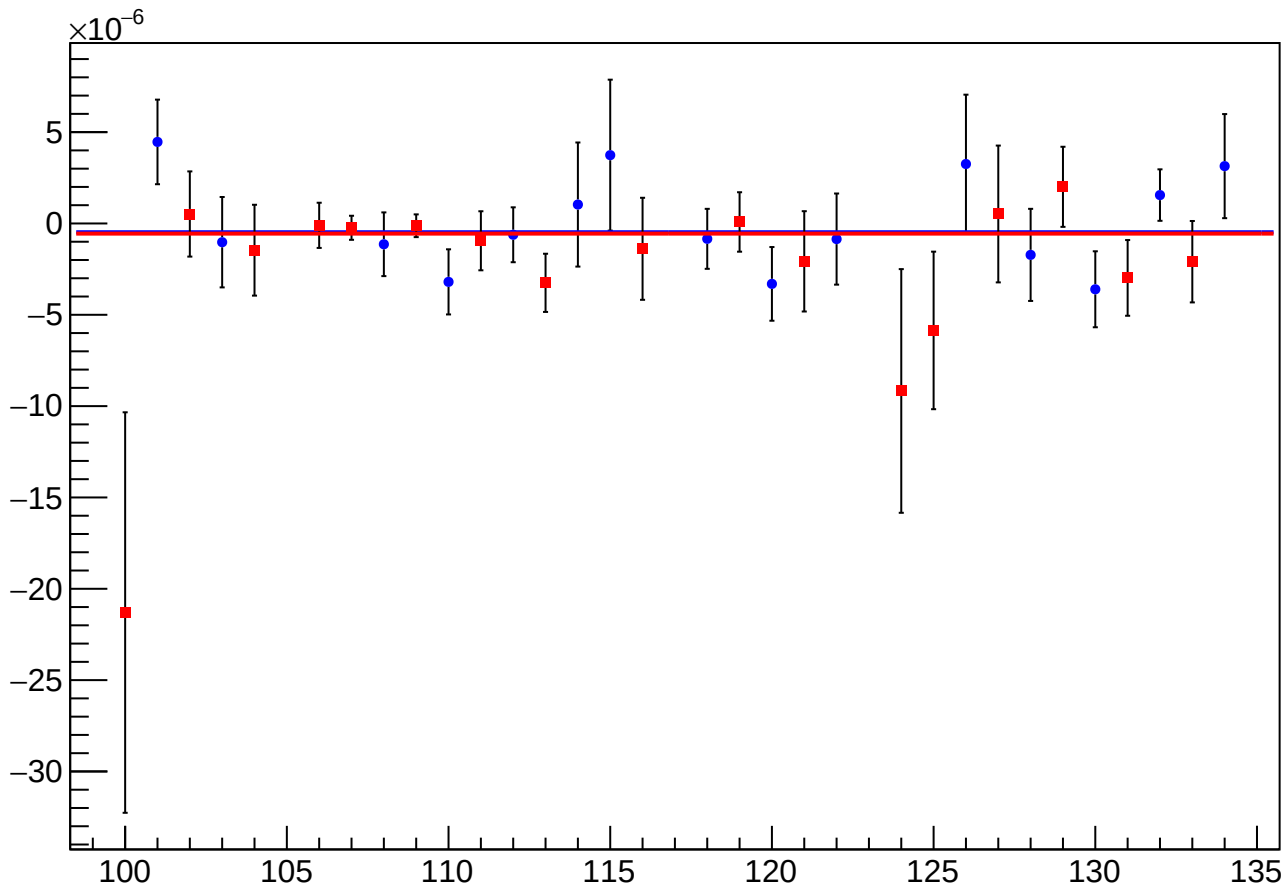
Right: 19.955+/-0.004 χ^2/NDF : 2698649.4/31

In: 19.155+/-0.006 χ^2/NDF : 1380106.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698649.4/31

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

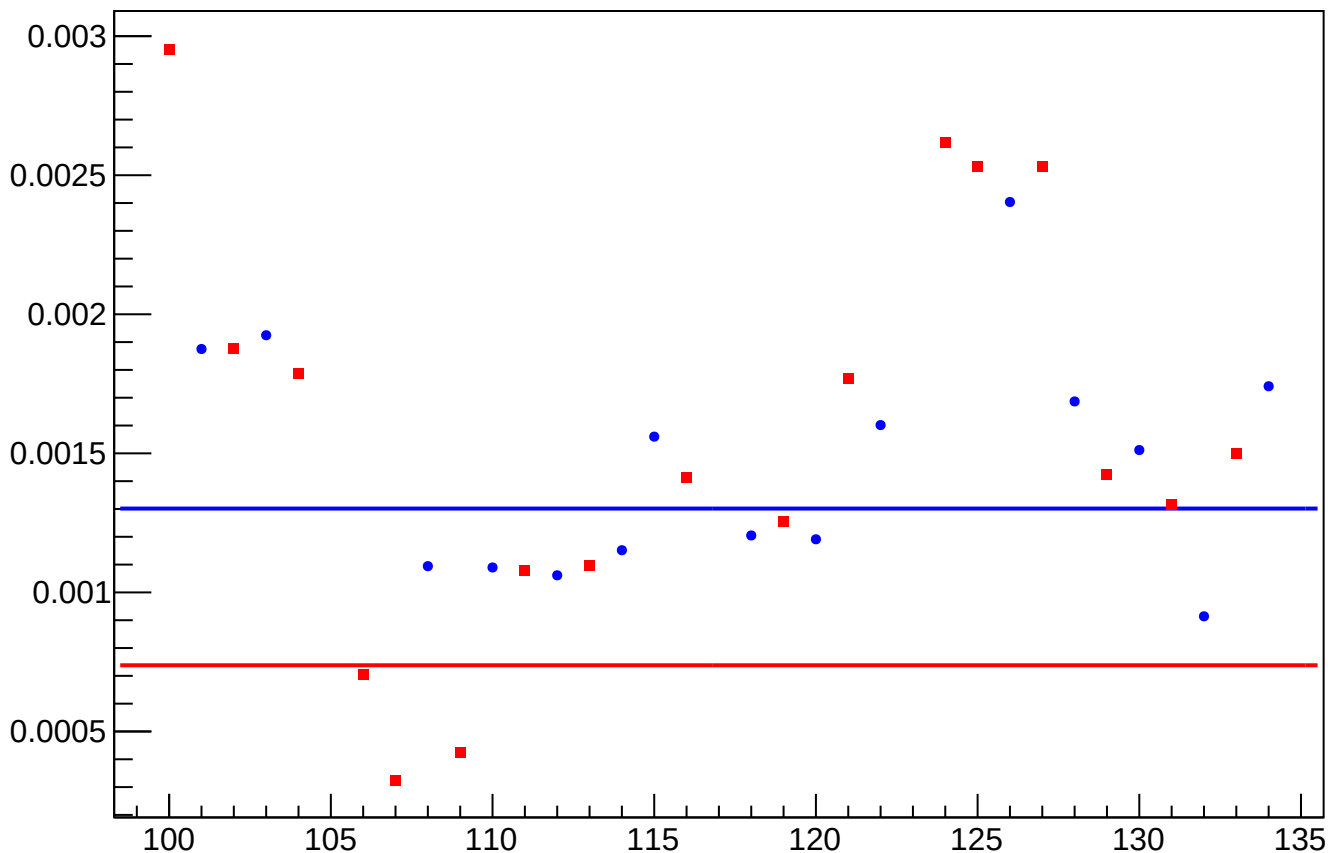
Right: -0.000+/-0.000 χ^2/NDF : 32.3/31

In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.3/31

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 845401.6/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 4551644.4/16

Left 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 : 6931024.0/31

In: 0.001+/-0.000

χ^2/NDF : 845401.6/14

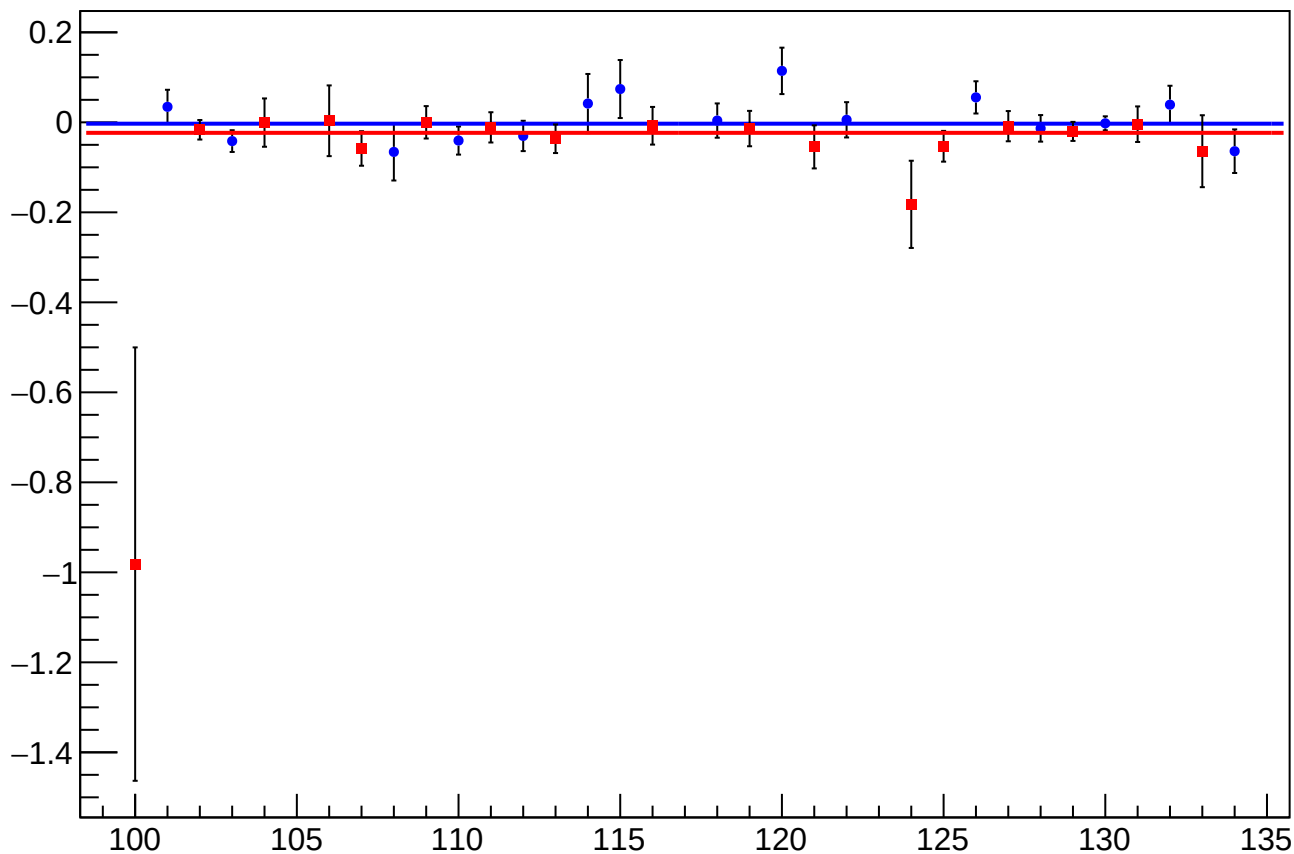
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6931024.0/31

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

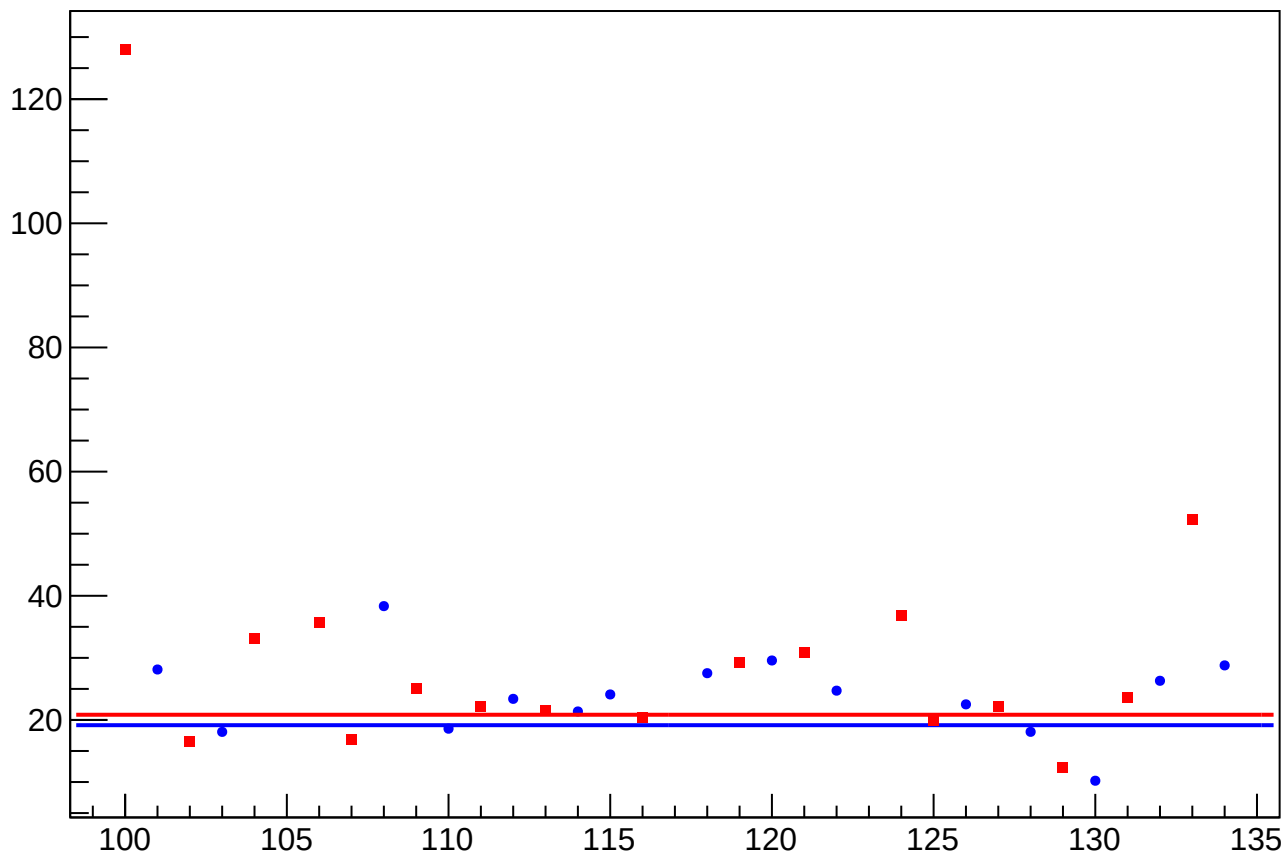
Right: -0.013 ± 0.006 χ^2/NDF : 32.5/31

In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.006 χ^2/NDF : 32.5/31

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.156+/-0.006 χ^2/NDF : 1379991.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.837+/-0.006 χ^2/NDF : 1281473.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

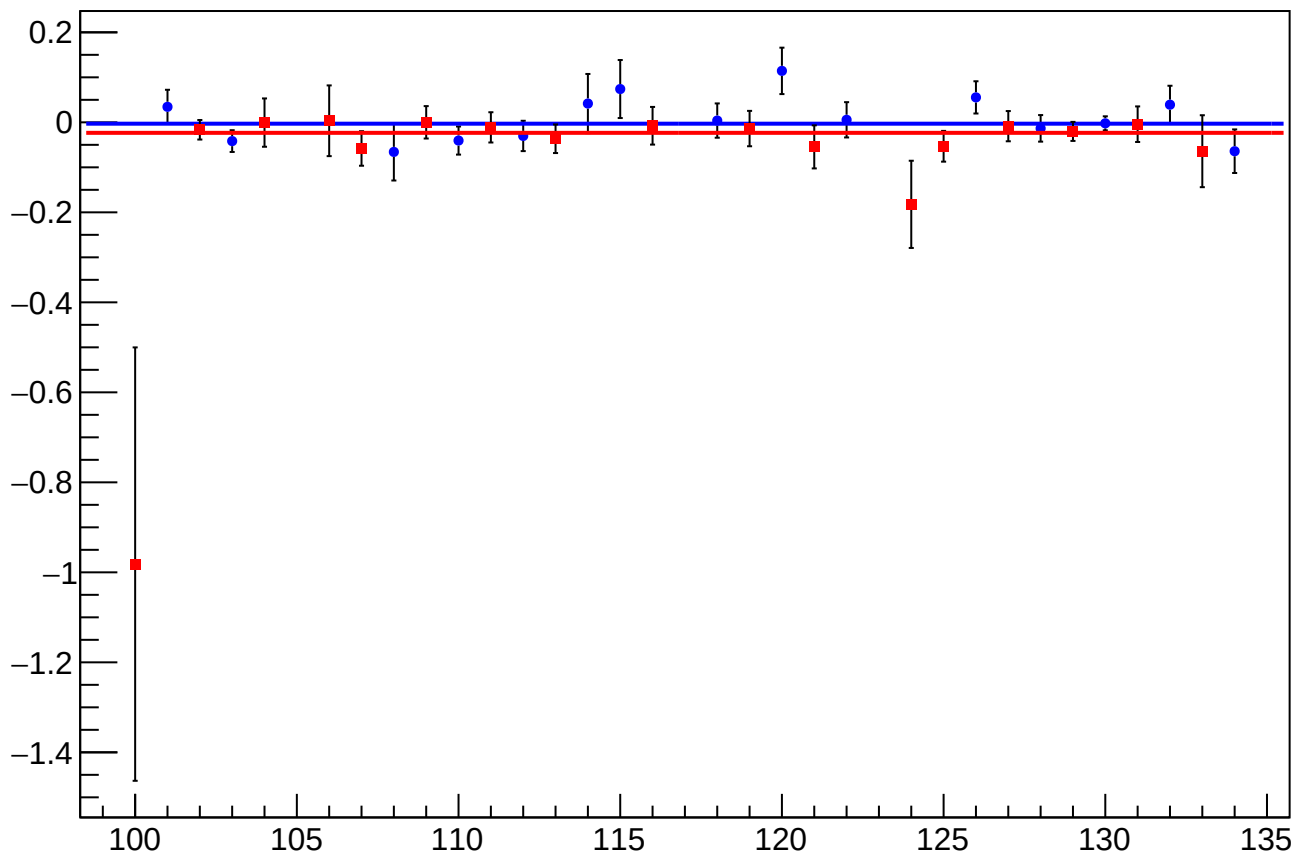
Right: 19.955+/-0.004 χ^2/NDF : 2698521.9/31

In: 19.156+/-0.006 χ^2/NDF :1379991.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698521.9/31

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.009 χ^2 /NDF: 19.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.009 χ^2 /NDF: 10.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

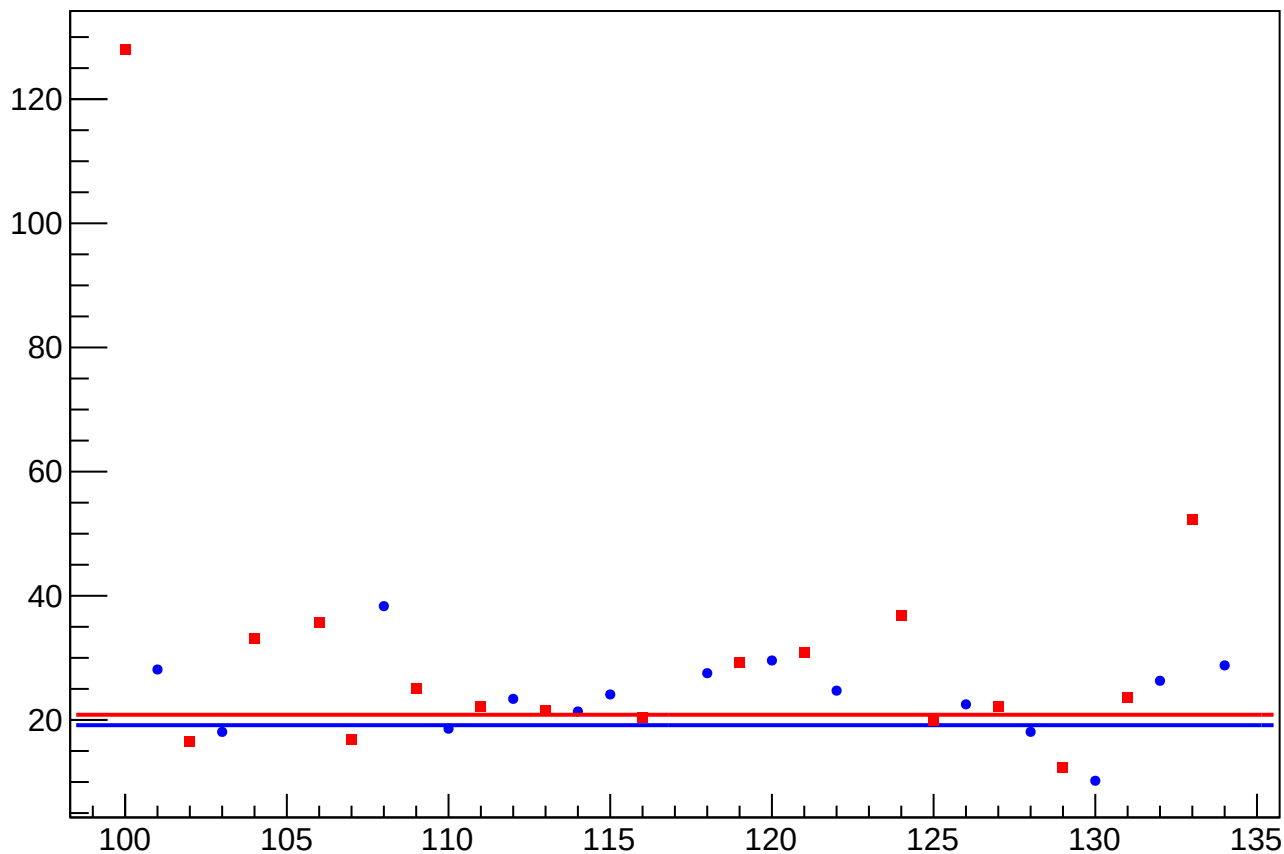
Right: -0.013 $\pm$ 0.006 χ^2 /NDF: 32.5/31

In: -0.003 $\pm$ 0.009 χ^2 /NDF:19.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.006 χ^2 /NDF: 32.5/31

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.156+/-0.006 χ^2/NDF : 1379991.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.837+/-0.006 χ^2/NDF : 1281473.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

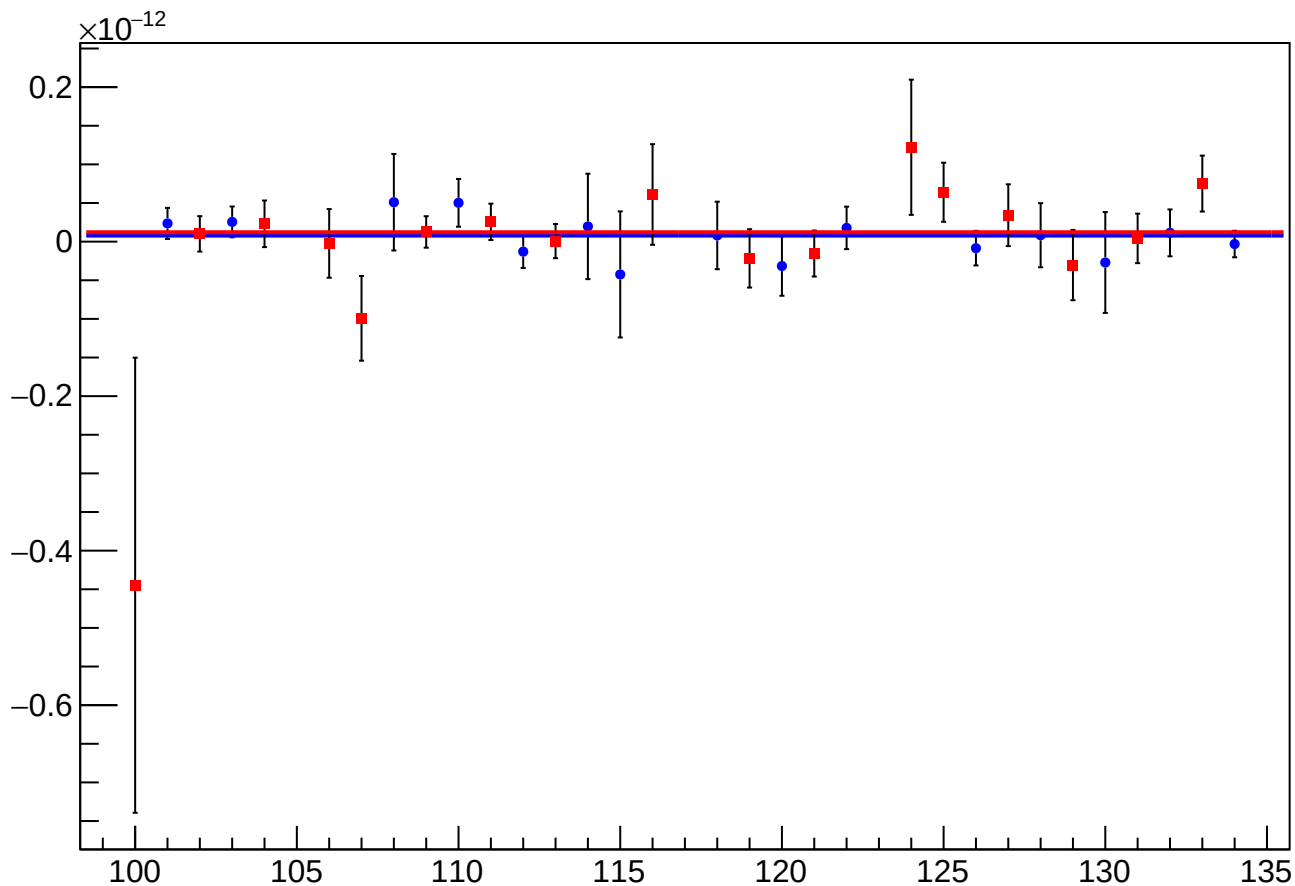
Right: 19.955+/-0.004 χ^2/NDF : 2698521.9/31

In: 19.156+/-0.006 χ^2/NDF : 1379991.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698521.9/31

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

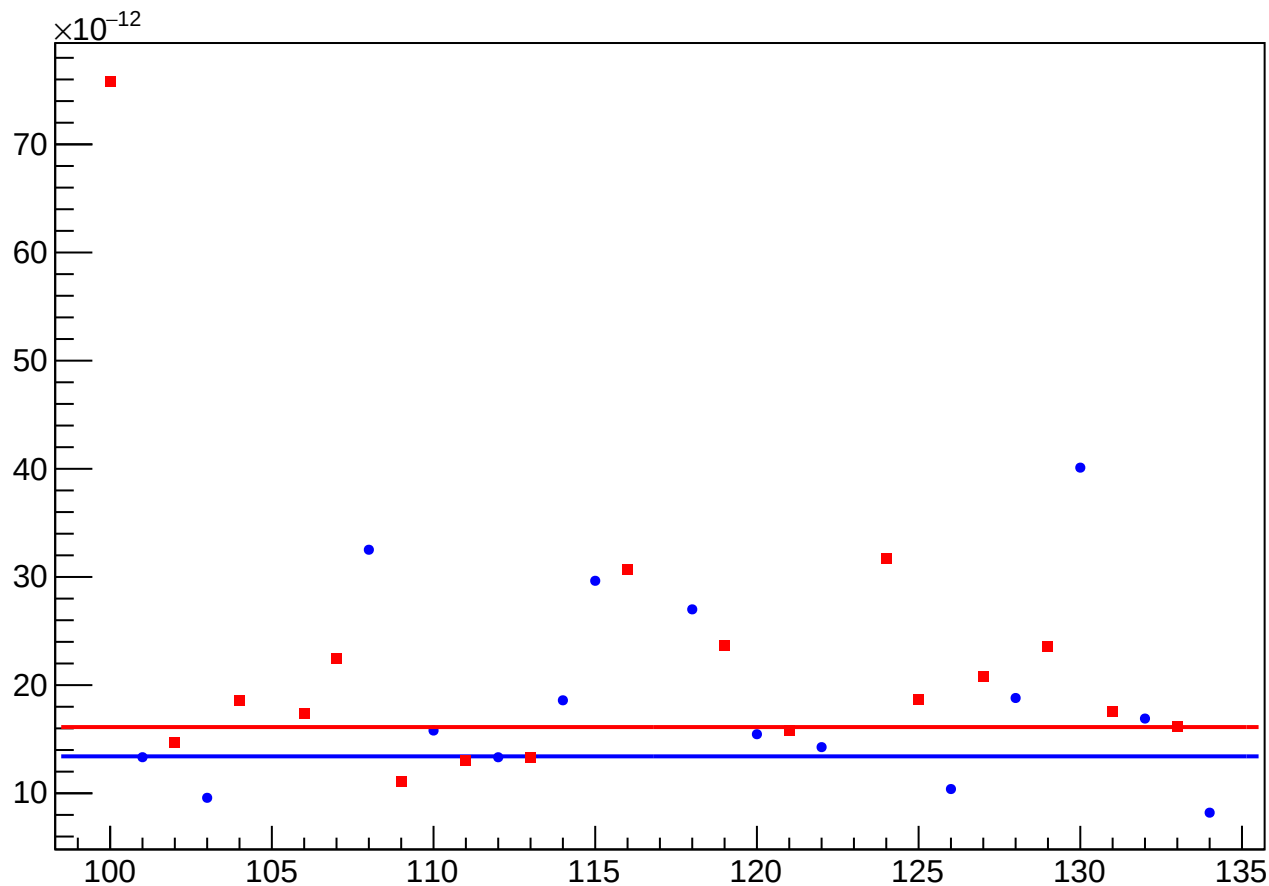
Right: 0.000+/-0.000 χ^2/NDF : 25.0/31

In: 0.000+/-0.000 χ^2/NDF : 7.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.0/31

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1180304.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 659874.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

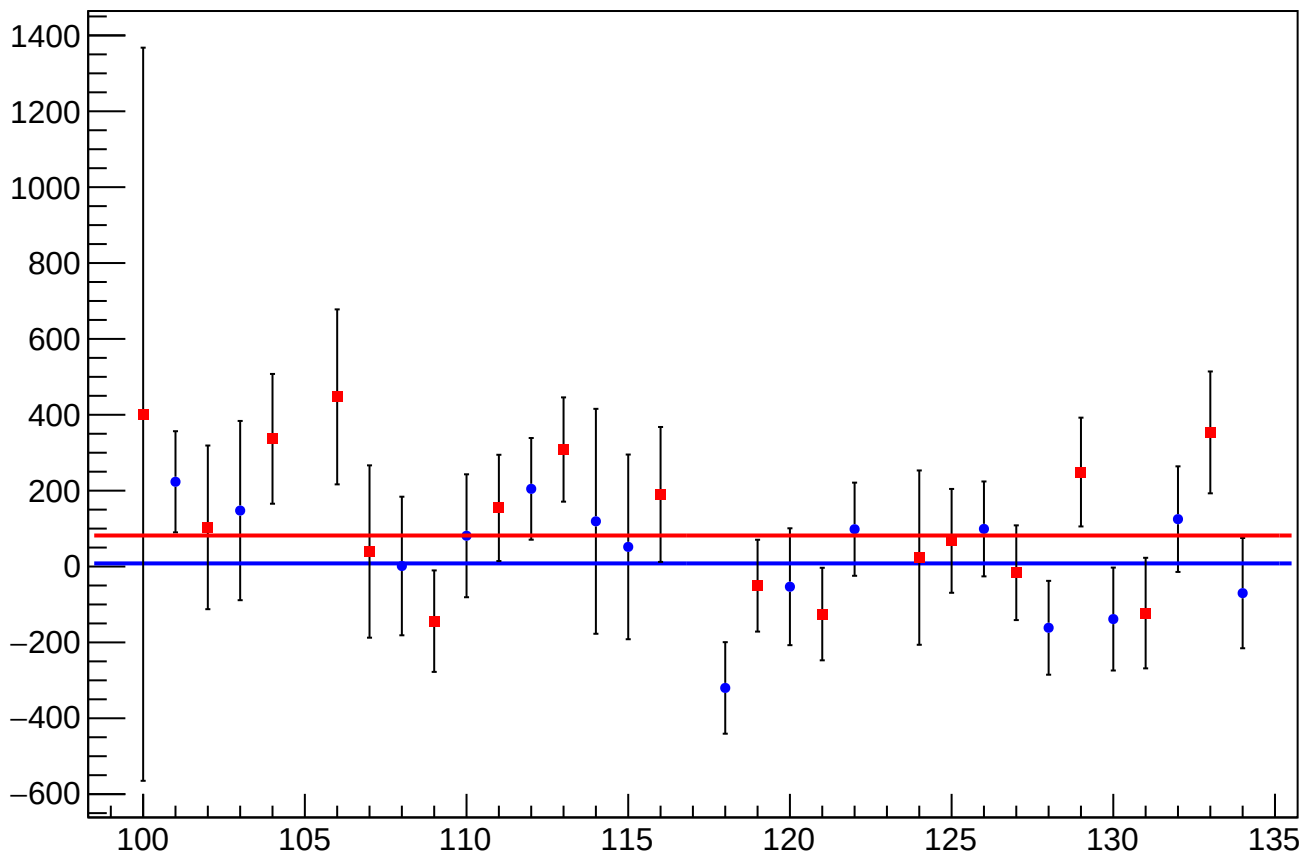
Right: 0.000+/-0.000 χ^2/NDF : 1965930.1/31

In: 0.000+/-0.000 χ^2/NDF : 1180304.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1965930.1/31

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 8.236+/-38.183 χ^2/NDF : 18.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.796+/-37.991 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

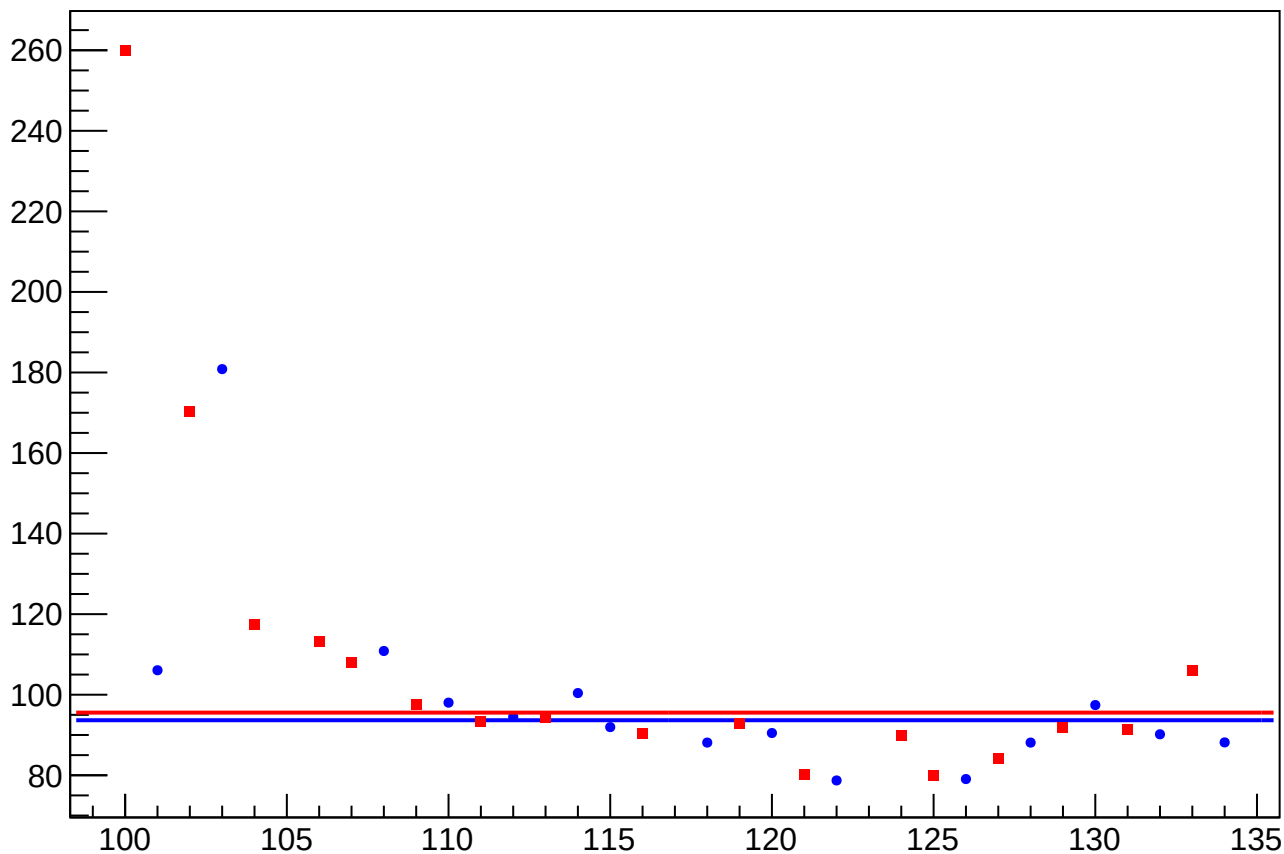
Right: 45.201+/-26.931 χ^2/NDF : 42.1/31

In: 8.236+/-38.183 χ^2/NDF : 18.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.201+/-26.931 χ^2/NDF : 42.1/31

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 93.662+/-0.027 χ^2/NDF : 381724.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.554+/-0.027 χ^2/NDF : 439201.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

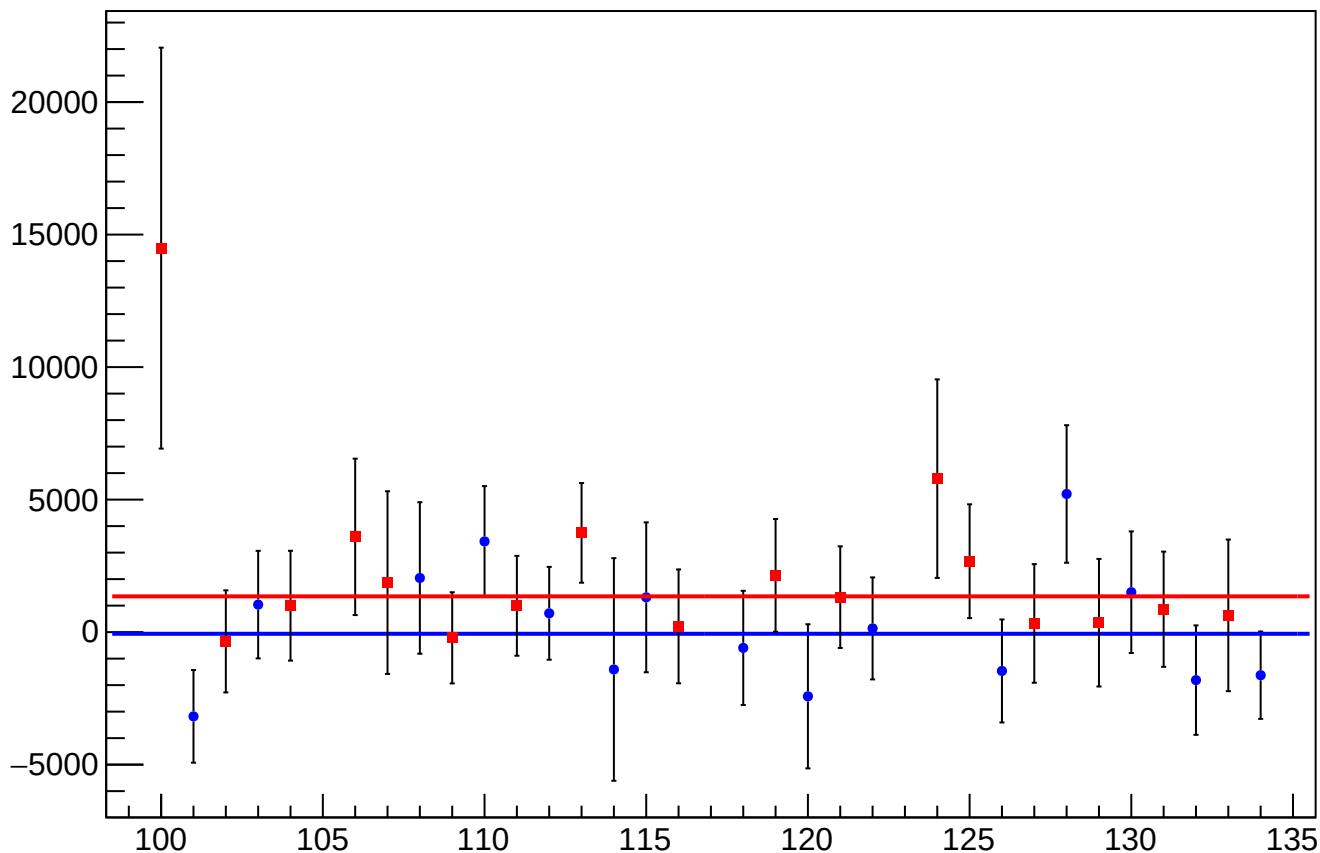
Right: 94.613+/-0.019 χ^2/NDF : 823392.9/31

In: 93.662+/-0.027 χ^2/NDF : 381724.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.613+/-0.019 χ^2/NDF : 823392.9/31

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -62.732 ± 554.163 $\chi^2/\text{NDF}: 14.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1349.382 ± 548.353 $\chi^2/\text{NDF}: 9.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

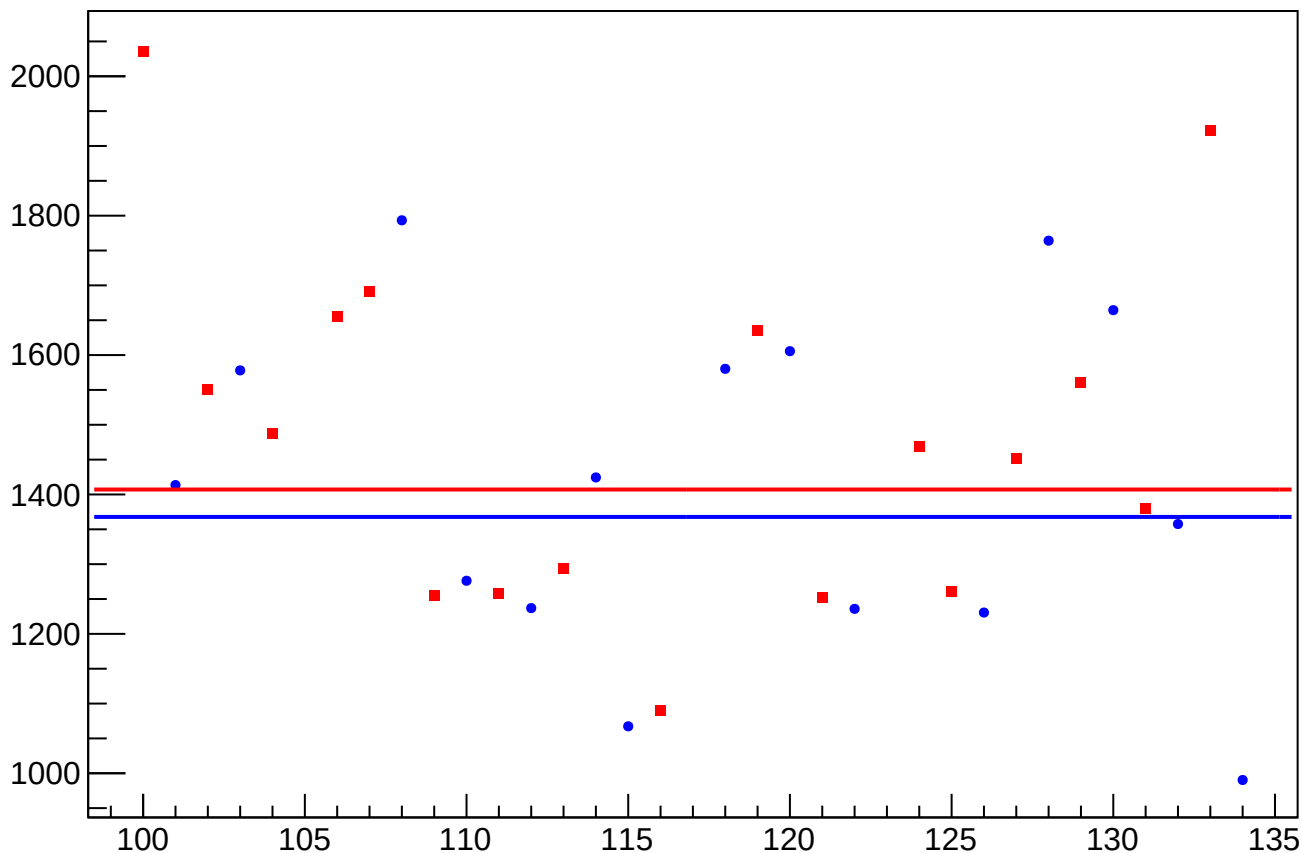
Right: 650.766 ± 389.782 $\chi^2/\text{NDF}: 27.8/31$

In: -62.732 ± 554.163 $\chi^2/\text{NDF}: 14.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 650.766 ± 389.782 $\chi^2/\text{NDF}: 27.8/31$

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1367.775+/-0.392 χ^2/NDF : 344205.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.089+/-0.388 χ^2/NDF : 254877.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

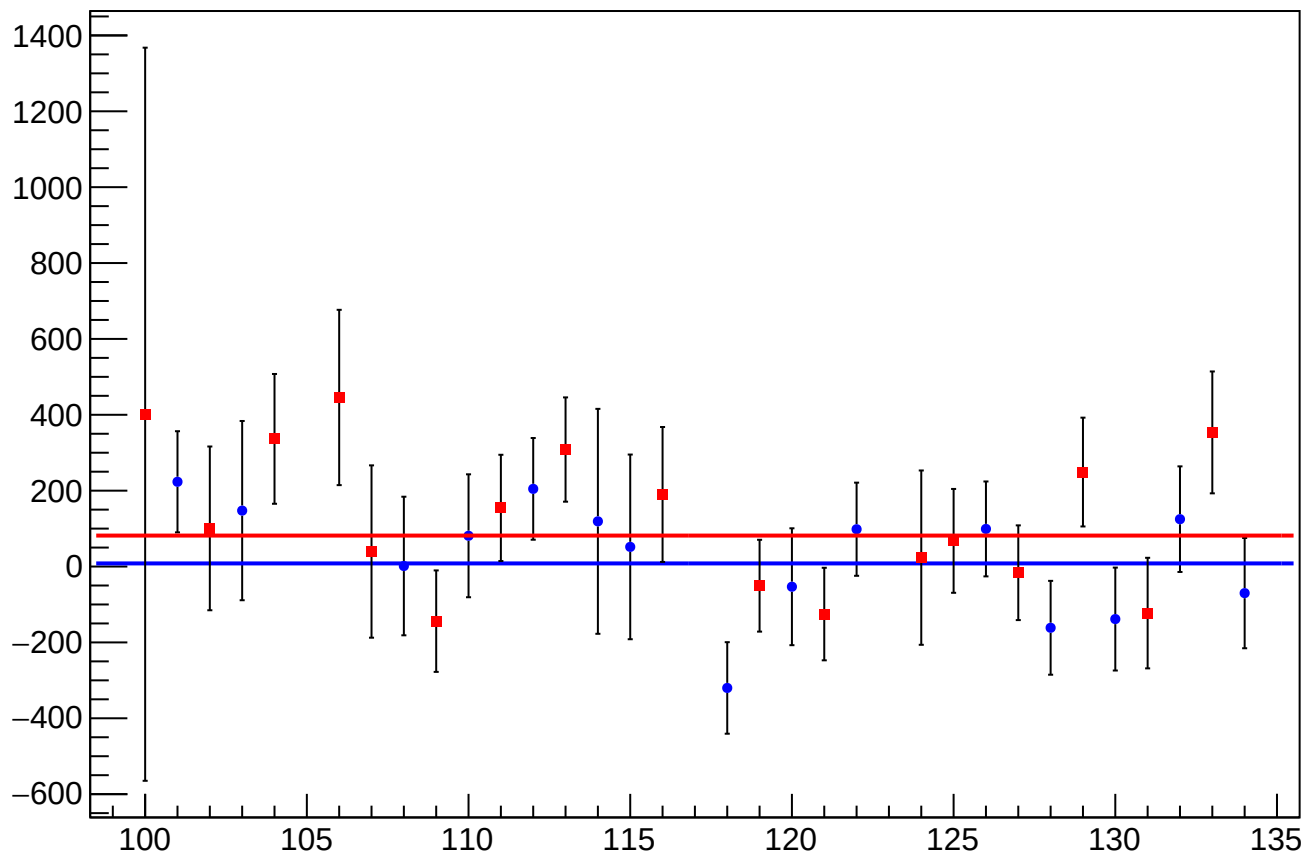
Right: 1387.639+/-0.276 χ^2/NDF : 604168.5/31

In: 1367.775+/-0.392 χ^2/NDF : 344205.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.639+/-0.276 χ^2/NDF : 604168.5/31

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 8.224+/-38.183 χ^2/NDF : 18.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.625+/-37.994 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

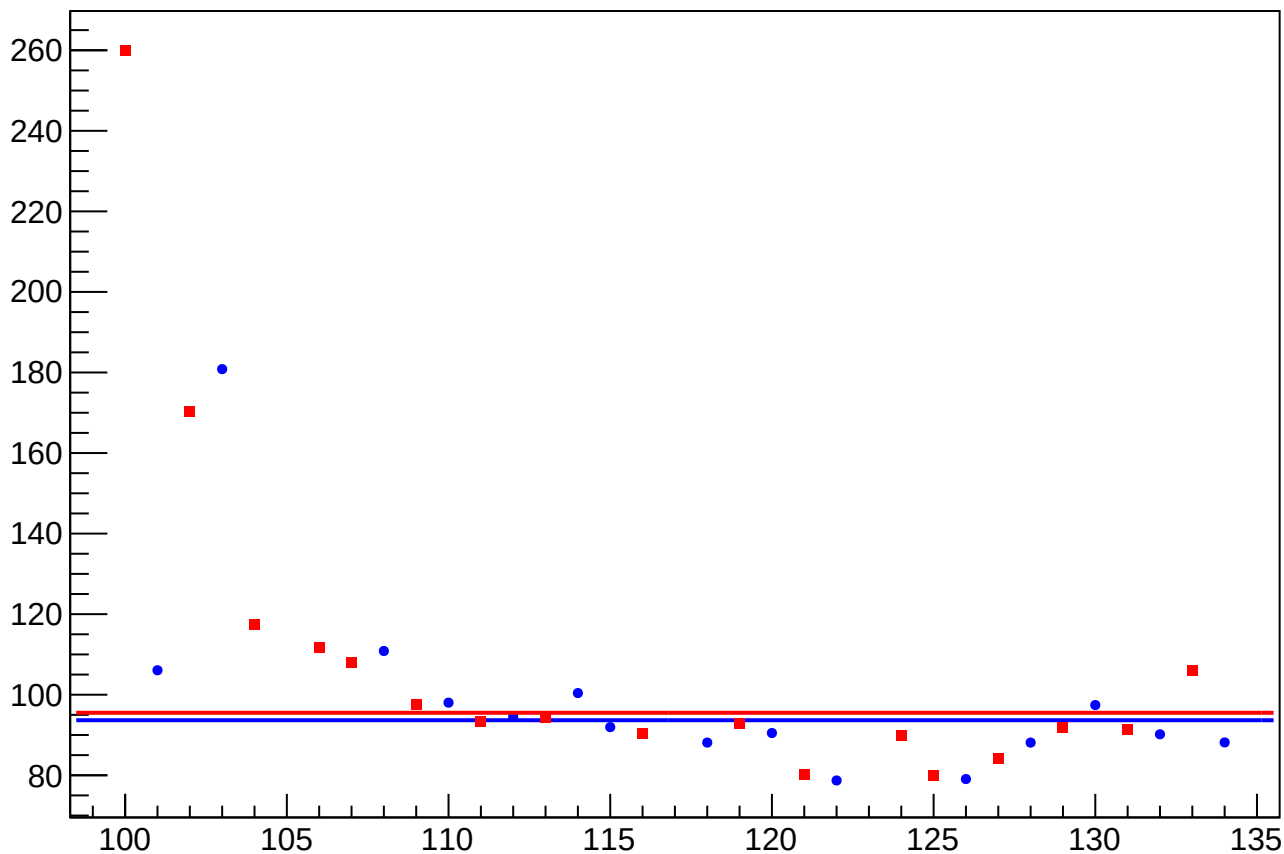
Right: 45.107+/-26.932 χ^2/NDF : 42.0/31

In: 8.224+/-38.183 χ^2/NDF : 18.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.107+/-26.932 χ^2/NDF : 42.0/31

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 93.662 $\pm$ 0.027 χ^2 /NDF: 381728.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.517 $\pm$ 0.027 χ^2 /NDF: 437787.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

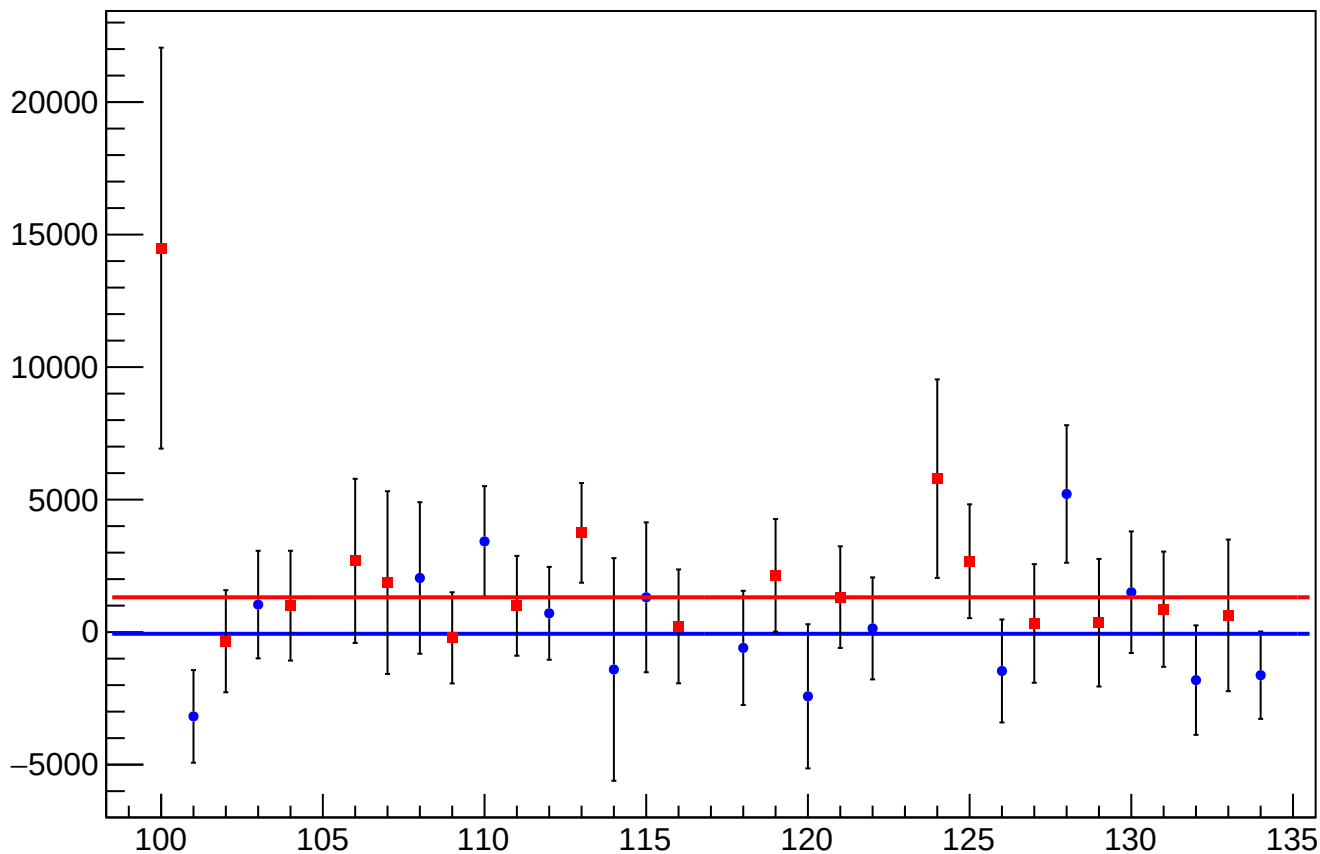
Right: 94.594 $\pm$ 0.019 χ^2 /NDF: 821886.6/31

In: 93.662 $\pm$ 0.027 χ^2 /NDF:381728.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.594 $\pm$ 0.019 χ^2 /NDF: 821886.6/31

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -62.681 ± 554.166 $\chi^2/\text{NDF}: 14.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1314.480 ± 549.253 $\chi^2/\text{NDF}: 9.2/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

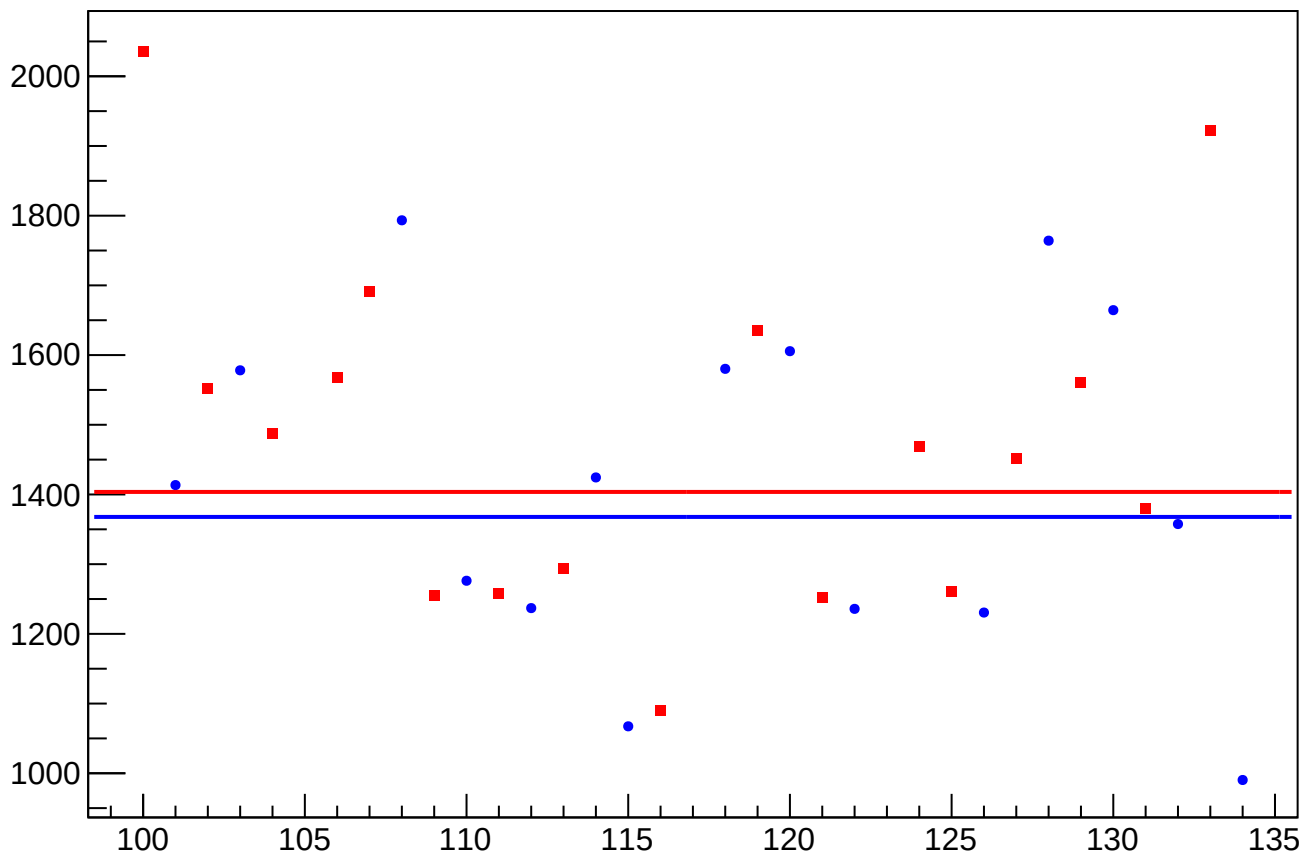
Right: 632.031 ± 390.106 $\chi^2/\text{NDF}: 27.2/31$

In: -62.681 ± 554.166 $\chi^2/\text{NDF}: 14.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 632.031 ± 390.106 $\chi^2/\text{NDF}: 27.2/31$

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1367.781+/-0.392 χ^2/NDF : 344225.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.648+/-0.388 χ^2/NDF : 246264.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

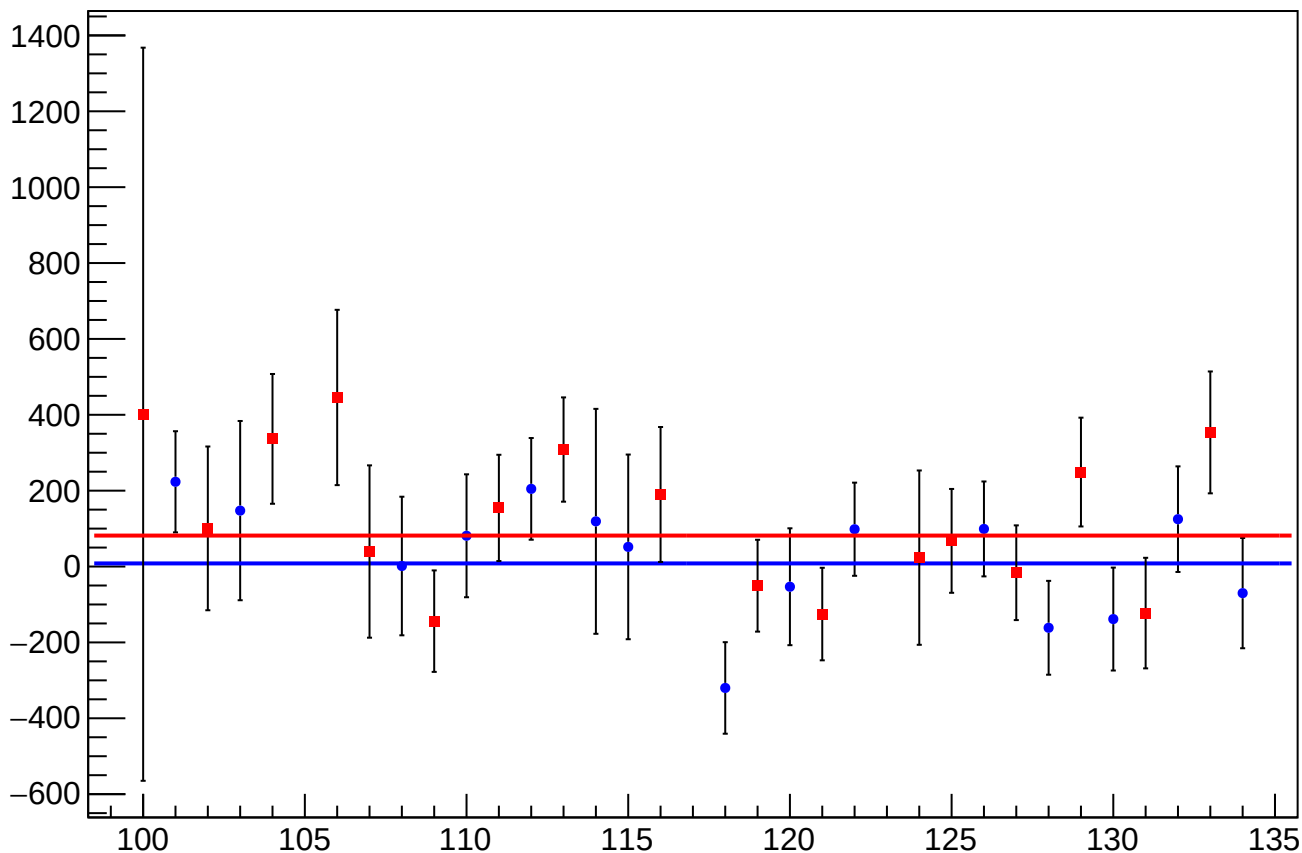
Right: 1385.874+/-0.276 χ^2/NDF : 594716.5/31

In: 1367.781+/-0.392 χ^2/NDF : 344225.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.874+/-0.276 χ^2/NDF : 594716.5/31

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 8.224+/-38.183 χ^2/NDF : 18.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.625+/-37.994 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

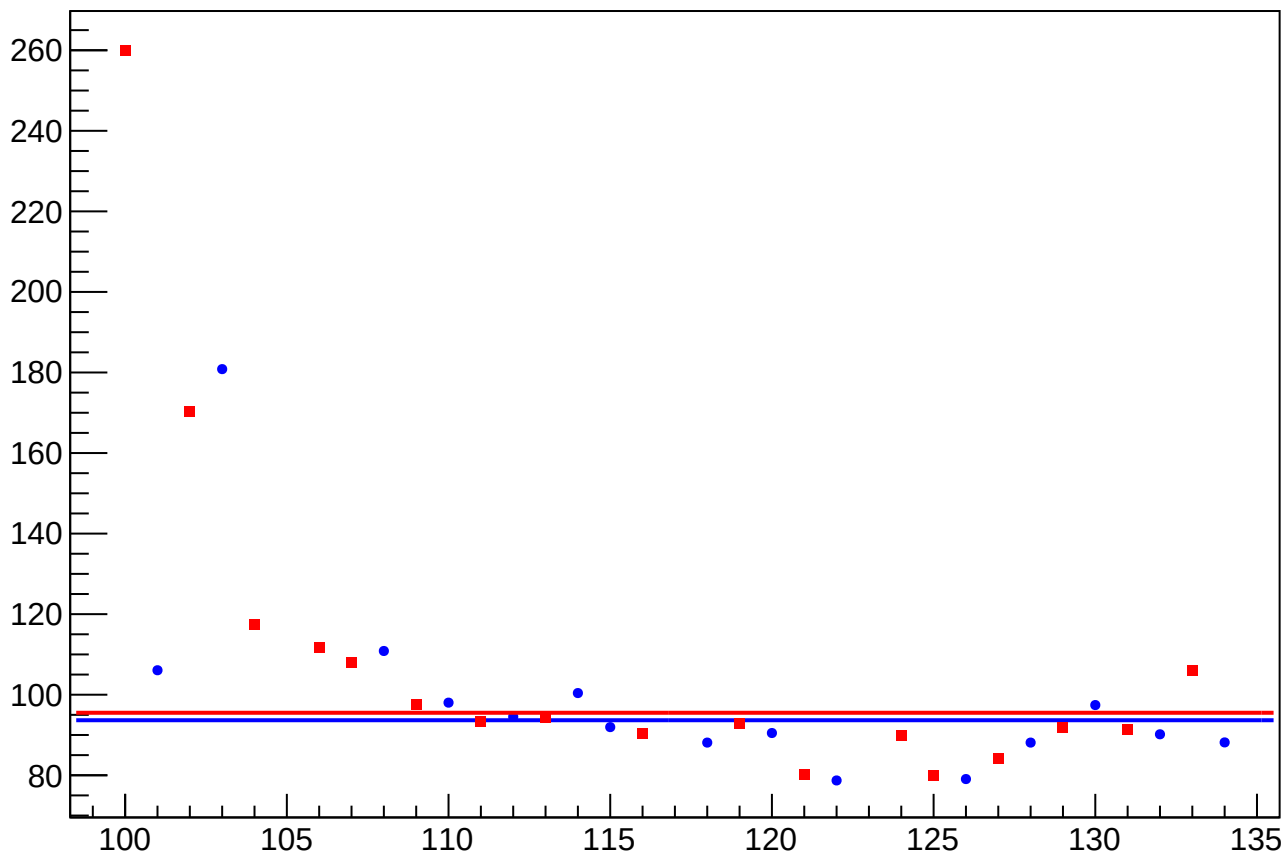
Right: 45.107+/-26.932 χ^2/NDF : 42.0/31

In: 8.224+/-38.183 χ^2/NDF : 18.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.107+/-26.932 χ^2/NDF : 42.0/31

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 93.662+/-0.027 χ^2/NDF : 381728.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.517+/-0.027 χ^2/NDF : 437787.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

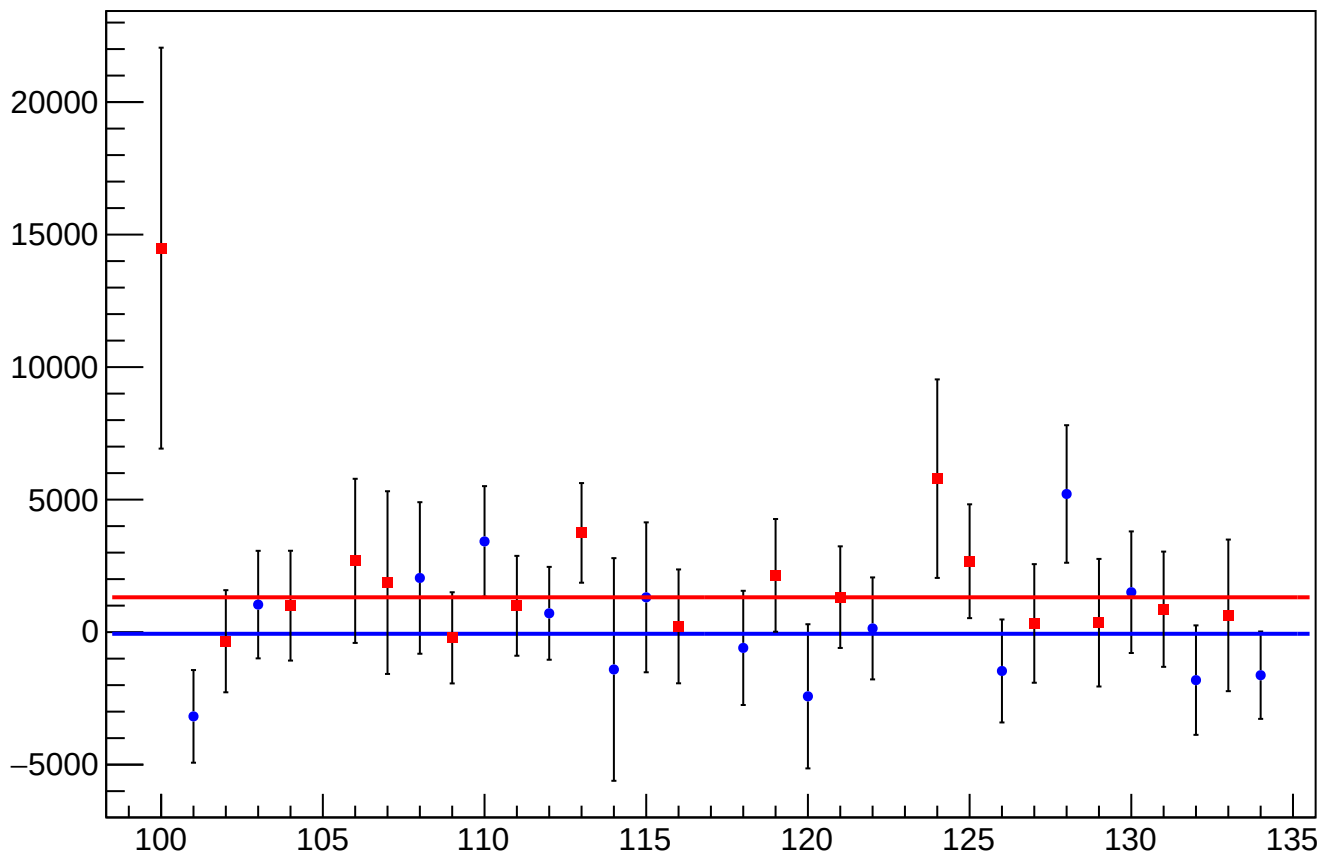
Right: 94.594+/-0.019 χ^2/NDF : 821886.6/31

In: 93.662+/-0.027 χ^2/NDF : 381728.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.594+/-0.019 χ^2/NDF : 821886.6/31

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -62.681+/-554.166 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.480+/-549.253 χ^2/NDF : 9.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

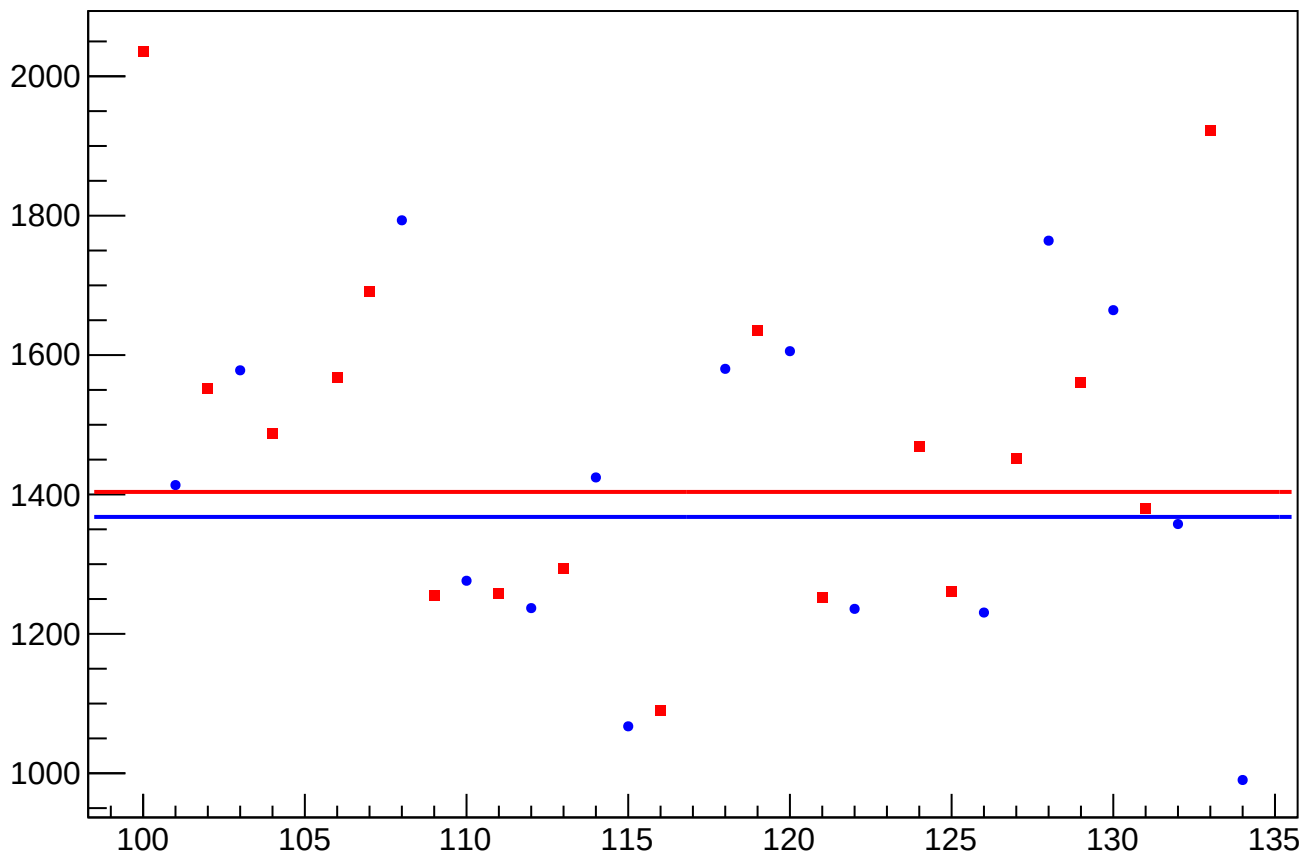
Right: 632.031+/-390.106 χ^2/NDF : 27.2/31

In: -62.681+/-554.166 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.031+/-390.106 χ^2/NDF : 27.2/31

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1367.781+/-0.392 χ^2/NDF : 344225.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.648+/-0.388 χ^2/NDF : 246264.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

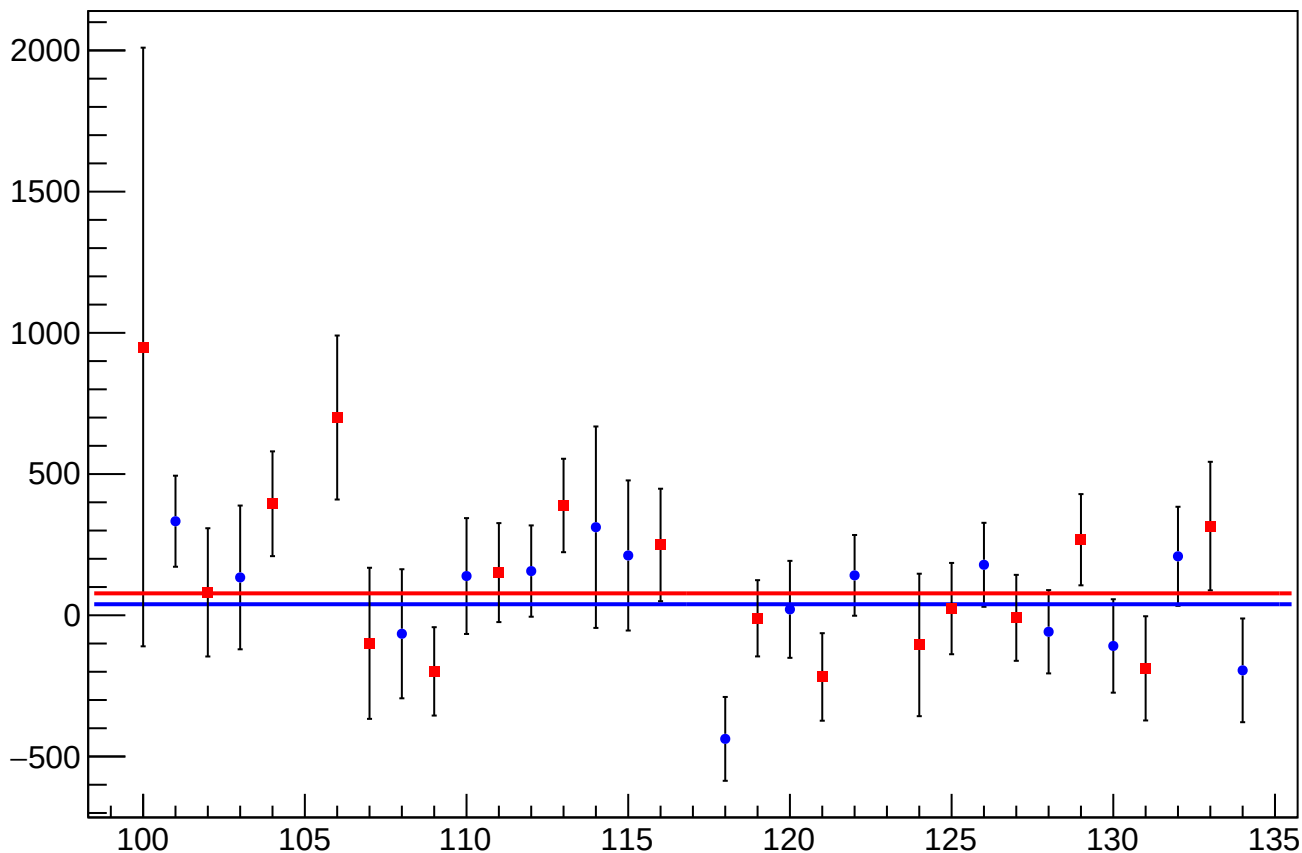
Right: 1385.874+/-0.276 χ^2/NDF : 594716.5/31

In: 1367.781+/-0.392 χ^2/NDF : 344225.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.874+/-0.276 χ^2/NDF : 594716.5/31

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 39.100 $\pm$ 45.867 χ^2 /NDF: 21.0/14

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 77.635 $\pm$ -45.126 χ^2 /NDF: 25.8/16

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

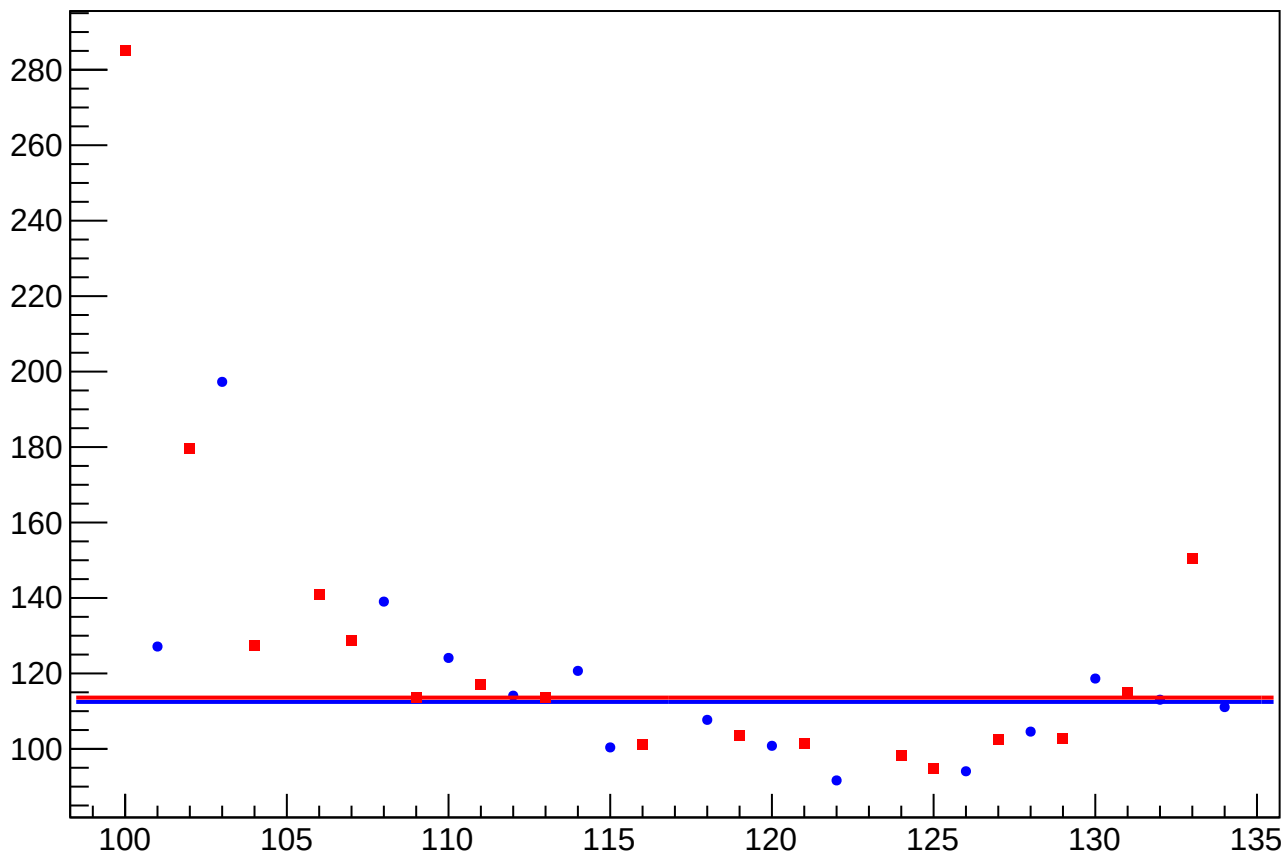
Right: 58.681 $\pm$ -32.168 χ^2 /NDF: 47.1/31

In: 39.100 $\pm$ -45.867 χ^2 /NDF:21.0/14

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 58.681 $\pm$ -32.168 χ^2 /NDF: 47.1/31

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.453+/-0.032 χ^2/NDF : 370538.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.596+/-0.032 χ^2/NDF : 396015.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

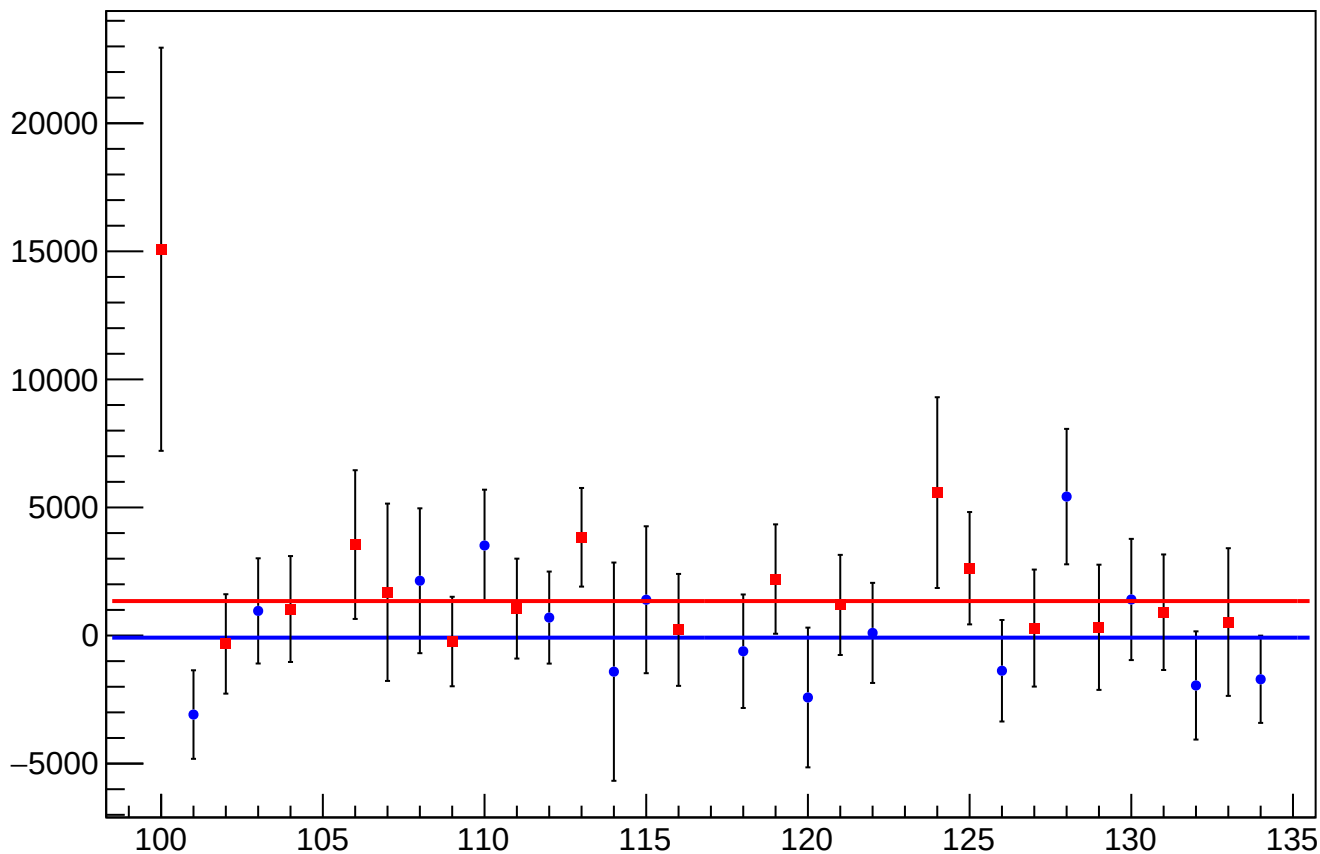
Right: 113.034+/-0.023 χ^2/NDF : 767185.0/31

In: 112.453+/-0.032 χ^2/NDF : 370538.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.034+/-0.023 χ^2/NDF : 767185.0/31

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.506+/-564.416 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.304+/-556.892 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

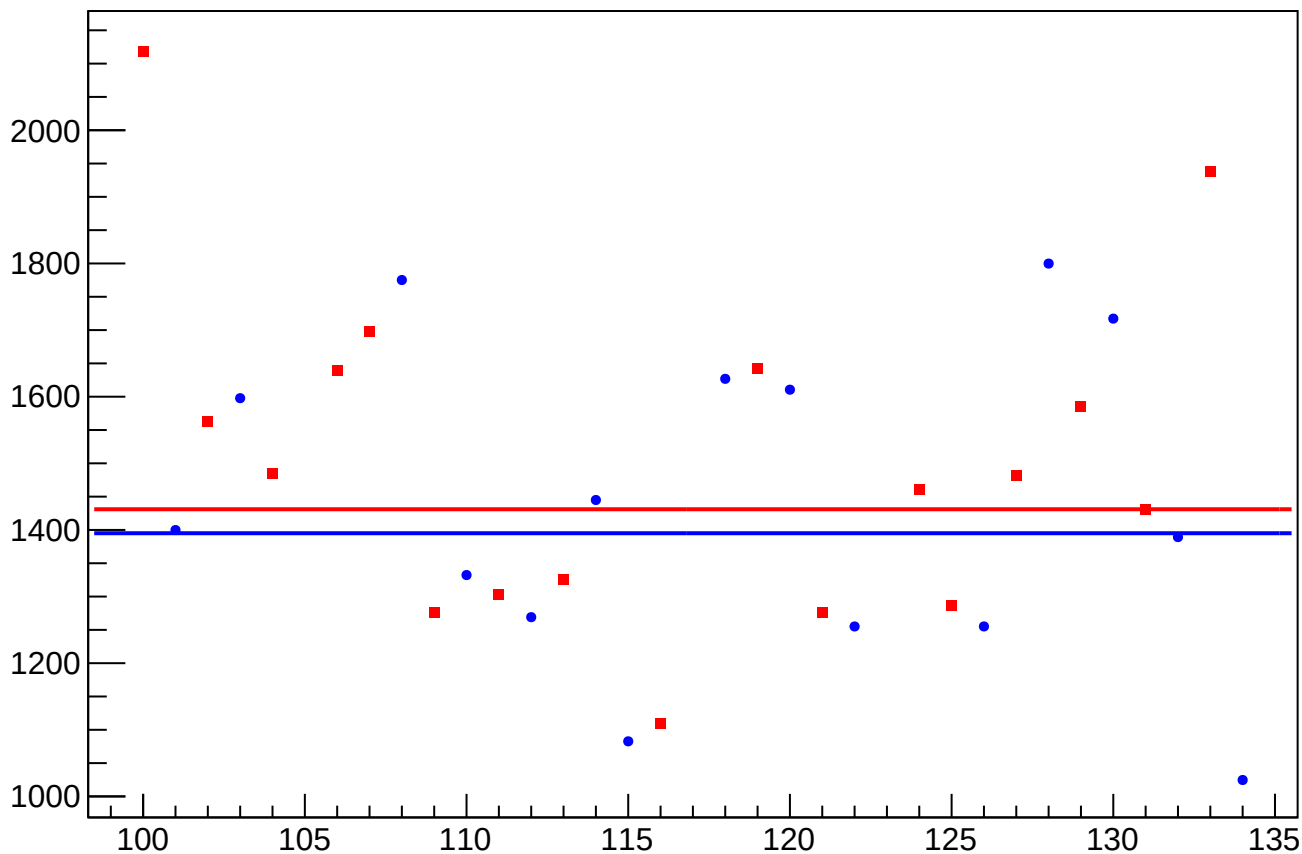
Right: 640.980+/-396.415 χ^2/NDF : 27.6/31

In: -82.506+/-564.416 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.980+/-396.415 χ^2/NDF : 27.6/31

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1395.079+/-0.399 χ^2/NDF : 324288.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1431.058+/-0.394 χ^2/NDF : 233316.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

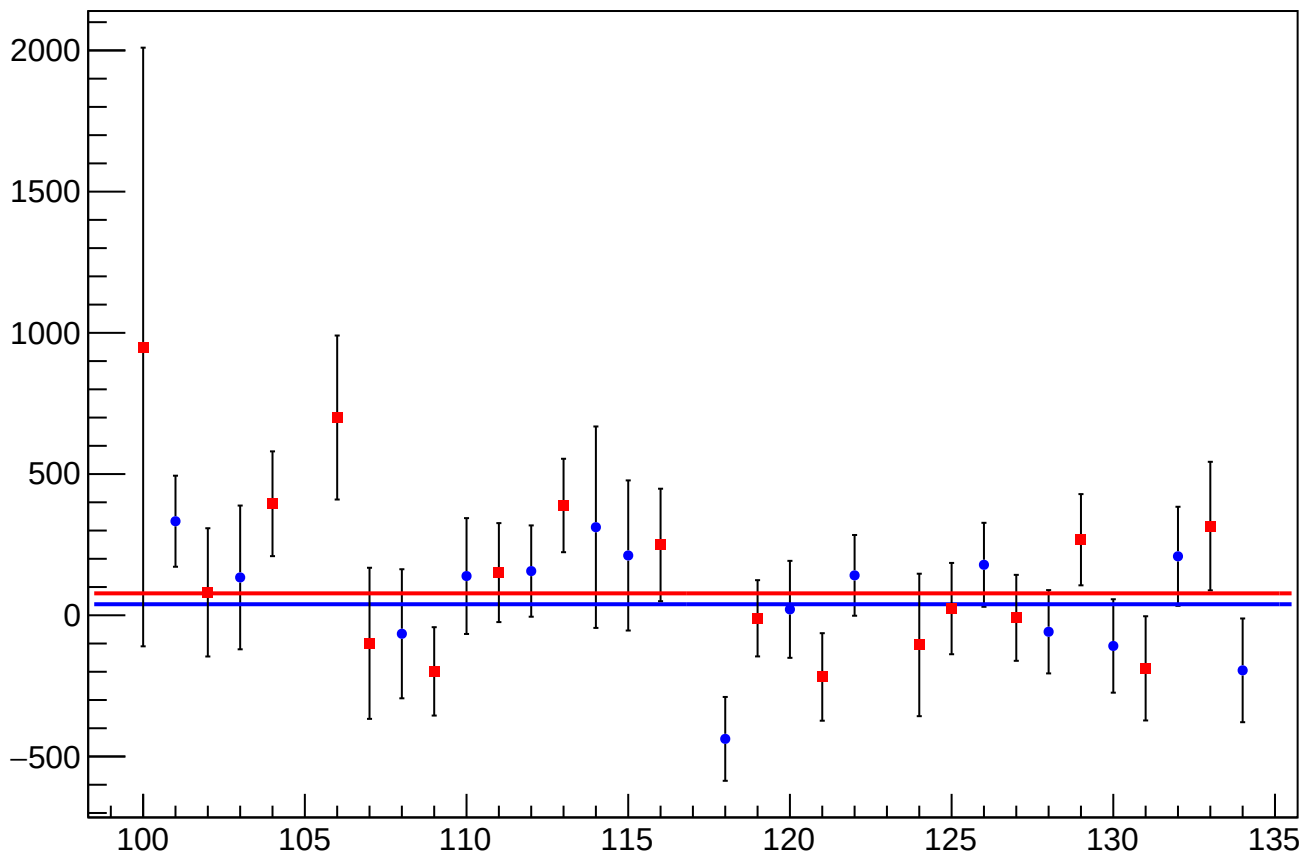
Right: 1413.310+/-0.280 χ^2/NDF : 561723.1/31

In: 1395.079+/-0.399 χ^2/NDF : 324288.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.310+/-0.280 χ^2/NDF : 561723.1/31

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 39.098+/-45.867 χ^2/NDF : 21.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.633+/-45.126 χ^2/NDF : 25.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

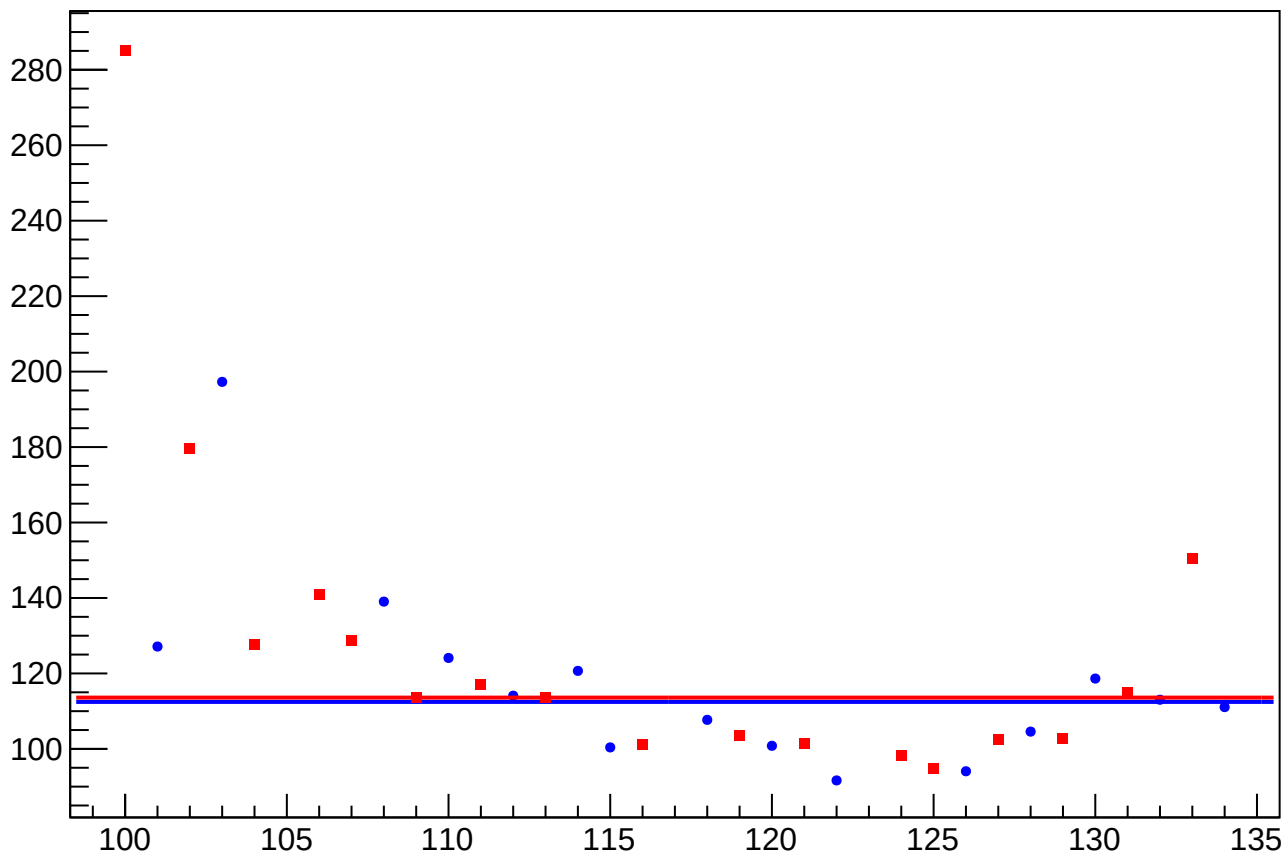
Right: 58.679+/-32.168 χ^2/NDF : 47.1/31

In: 39.098+/-45.867 χ^2/NDF : 21.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.679+/-32.168 χ^2/NDF : 47.1/31

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.452+/-0.032 χ^2/NDF : 370532.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.596+/-0.032 χ^2/NDF : 396019.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

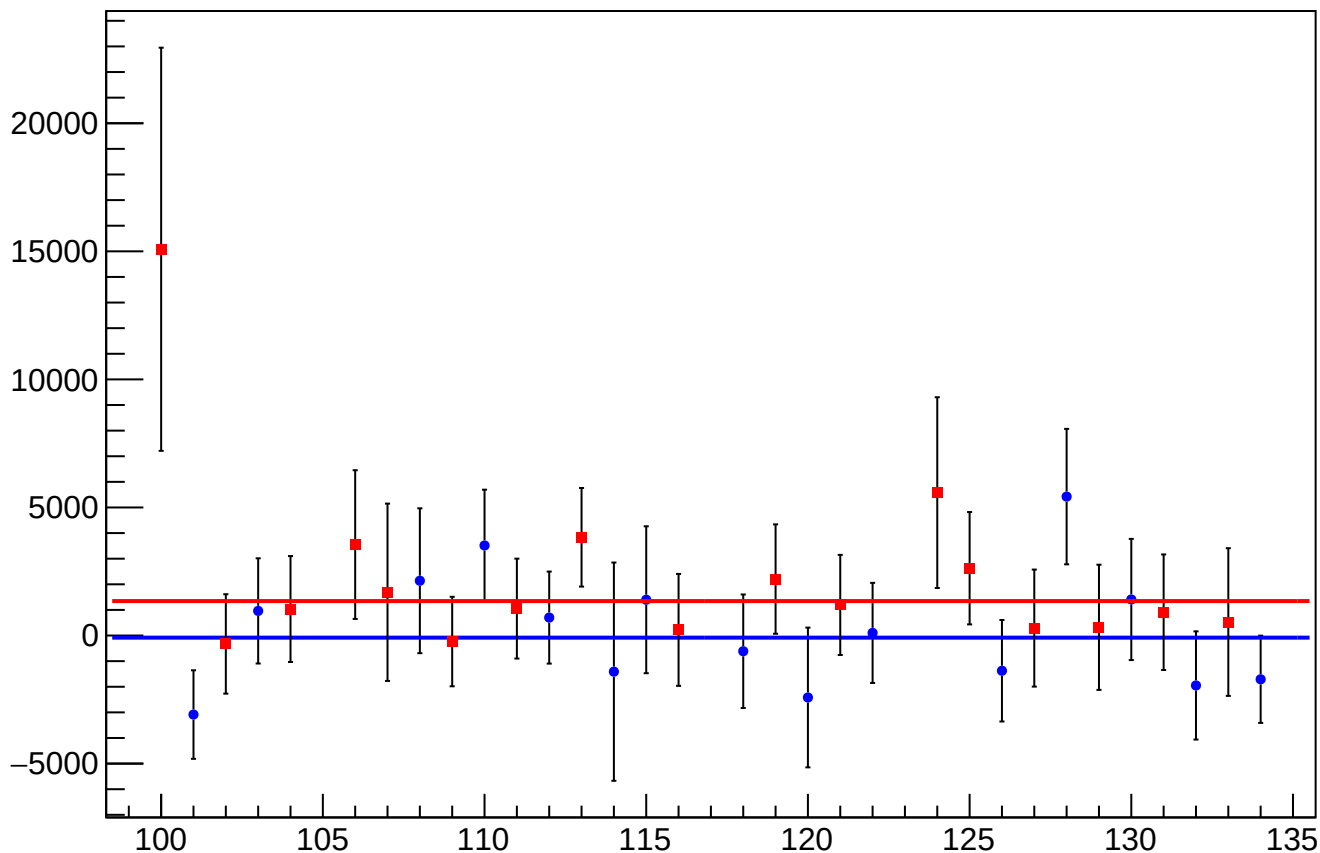
Right: 113.033+/-0.023 χ^2/NDF : 767183.7/31

In: 112.452+/-0.032 χ^2/NDF : 370532.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.033+/-0.023 χ^2/NDF : 767183.7/31

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.502+/-564.415 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.301+/-556.890 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

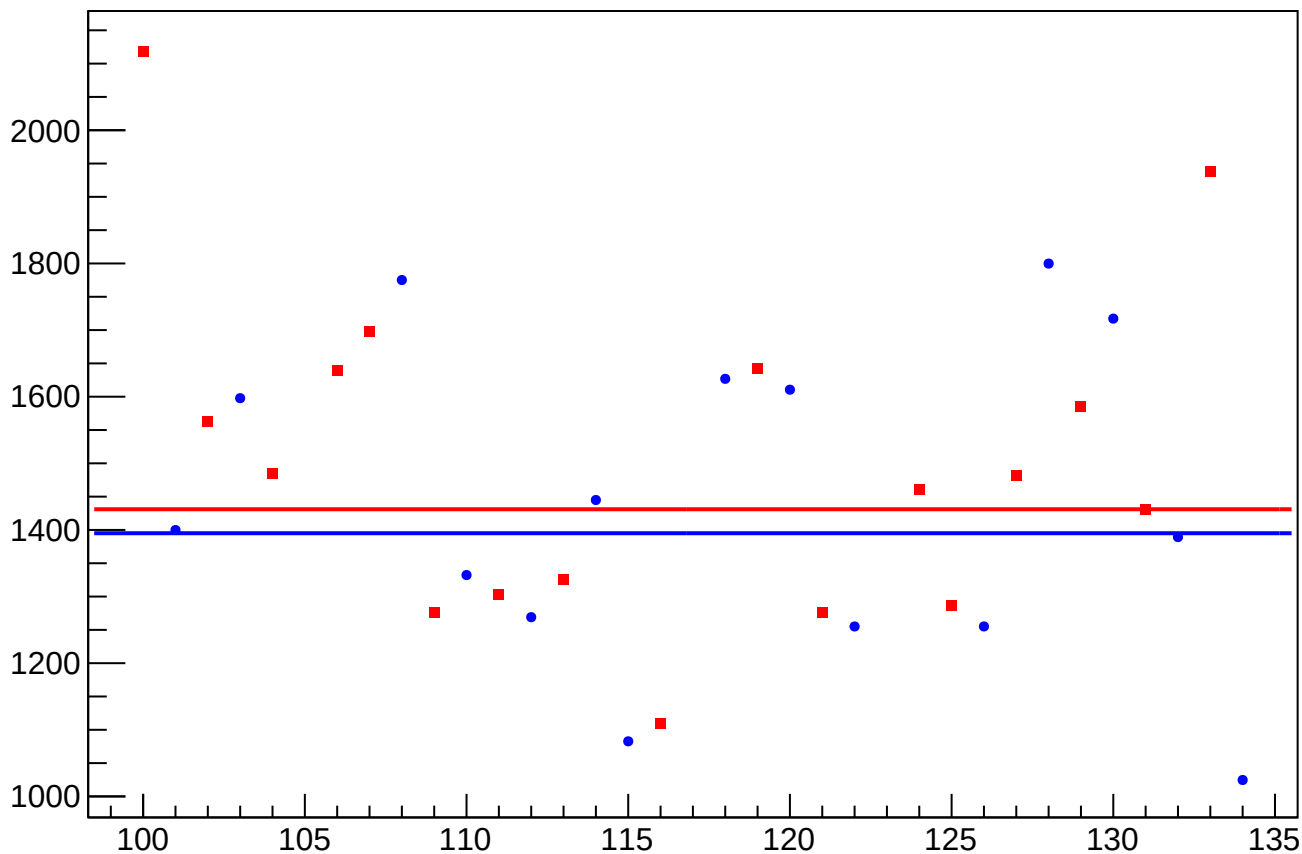
Right: 640.980+/-396.414 χ^2/NDF : 27.6/31

In: -82.502+/-564.415 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.980+/-396.414 χ^2/NDF : 27.6/31

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1395.076+/-0.399 χ^2/NDF : 324287.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1431.054+/-0.394 χ^2/NDF : 233317.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

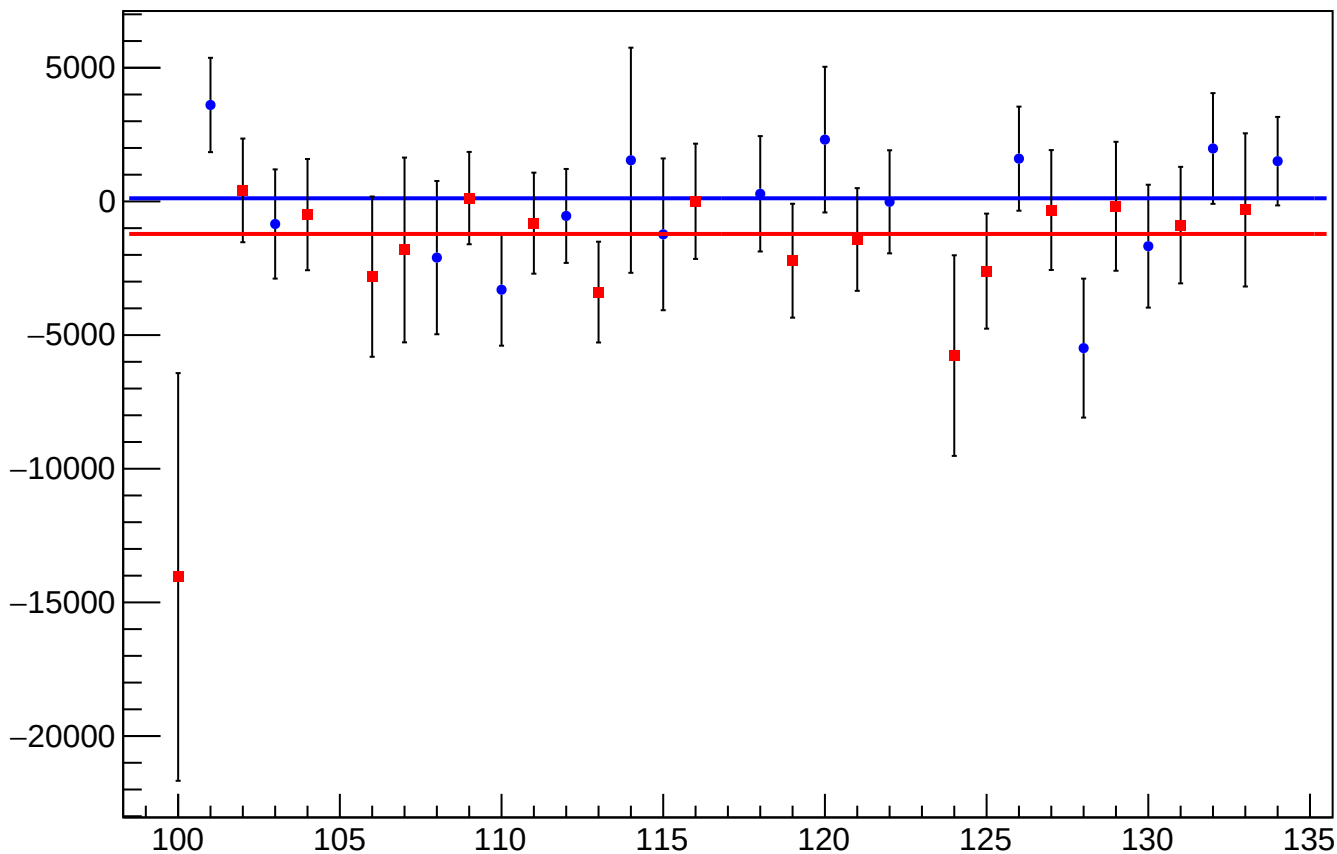
Right: 1413.306+/-0.280 χ^2/NDF : 561723.3/31

In: 1395.076+/-0.399 χ^2/NDF : 324287.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.306+/-0.280 χ^2/NDF : 561723.3/31

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 117.509+/-556.202 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1216.398+/-550.287 χ^2/NDF : 8.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

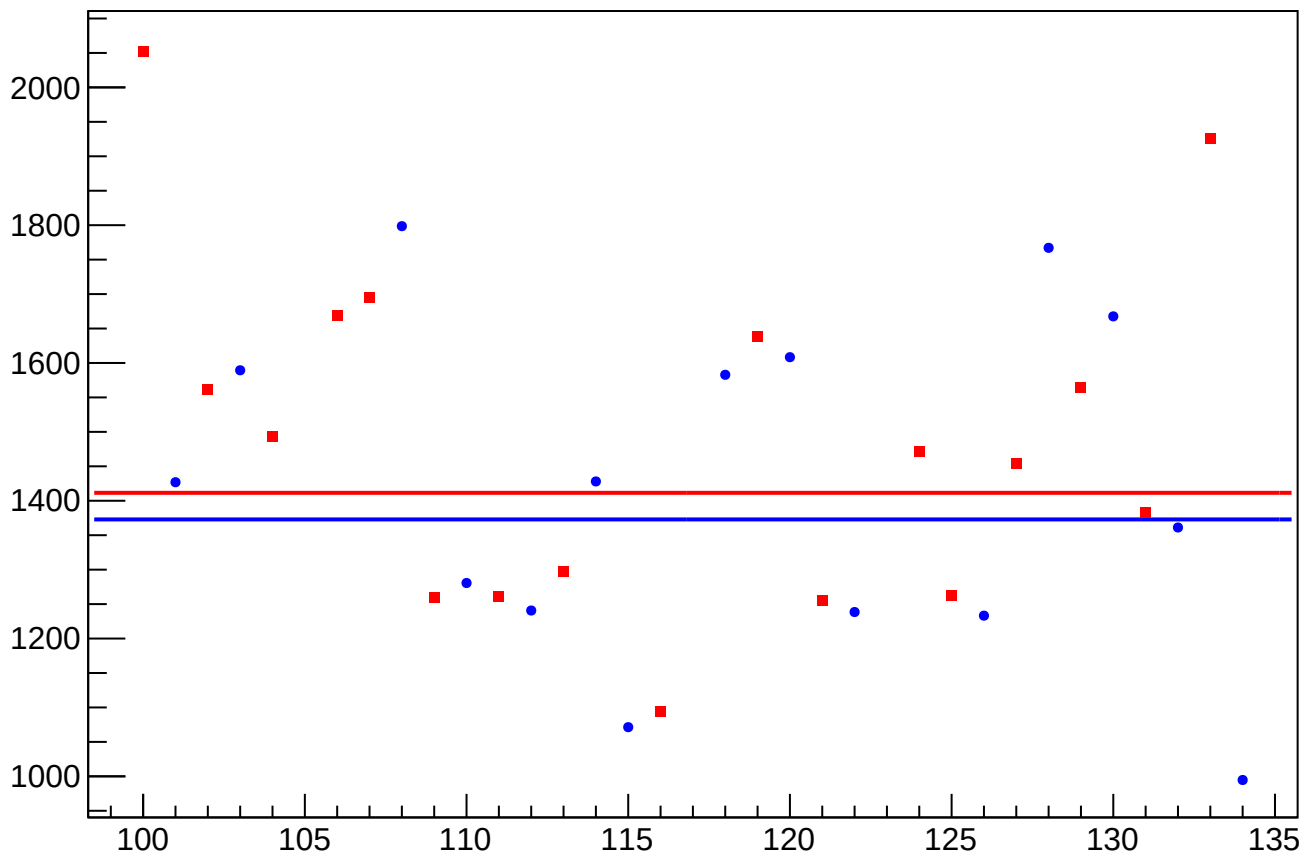
Right: -556.575+/-391.186 χ^2/NDF : 27.7/31

In: 117.509+/-556.202 χ^2/NDF : 15.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.575+/-391.186 χ^2/NDF : 27.7/31

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1372.910+/-0.393 χ^2/NDF : 343748.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.522+/-0.389 χ^2/NDF : 255851.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

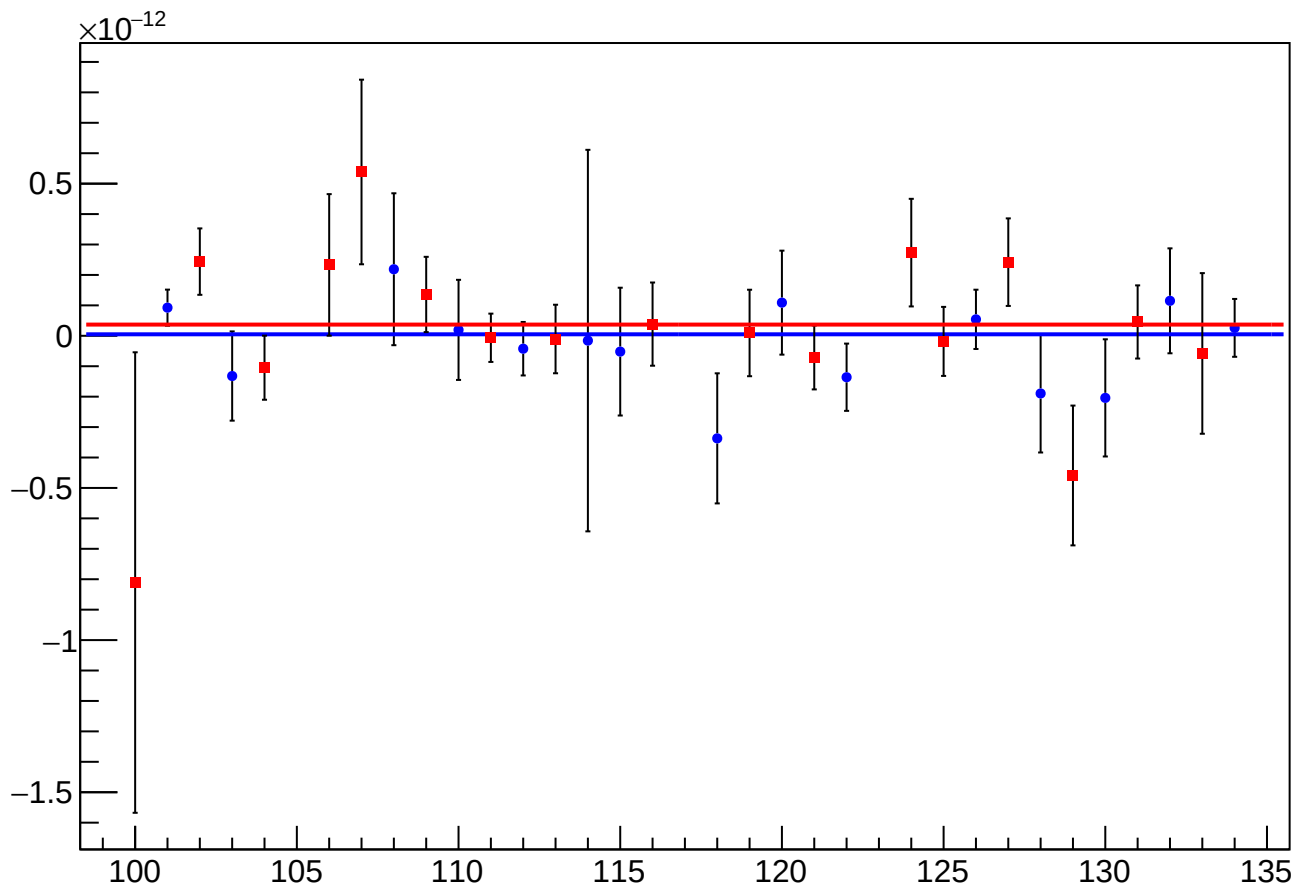
Right: 1392.422+/-0.277 χ^2/NDF : 604471.1/31

In: 1372.910+/-0.393 χ^2/NDF : 343748.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.422+/-0.277 χ^2/NDF : 604471.1/31

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

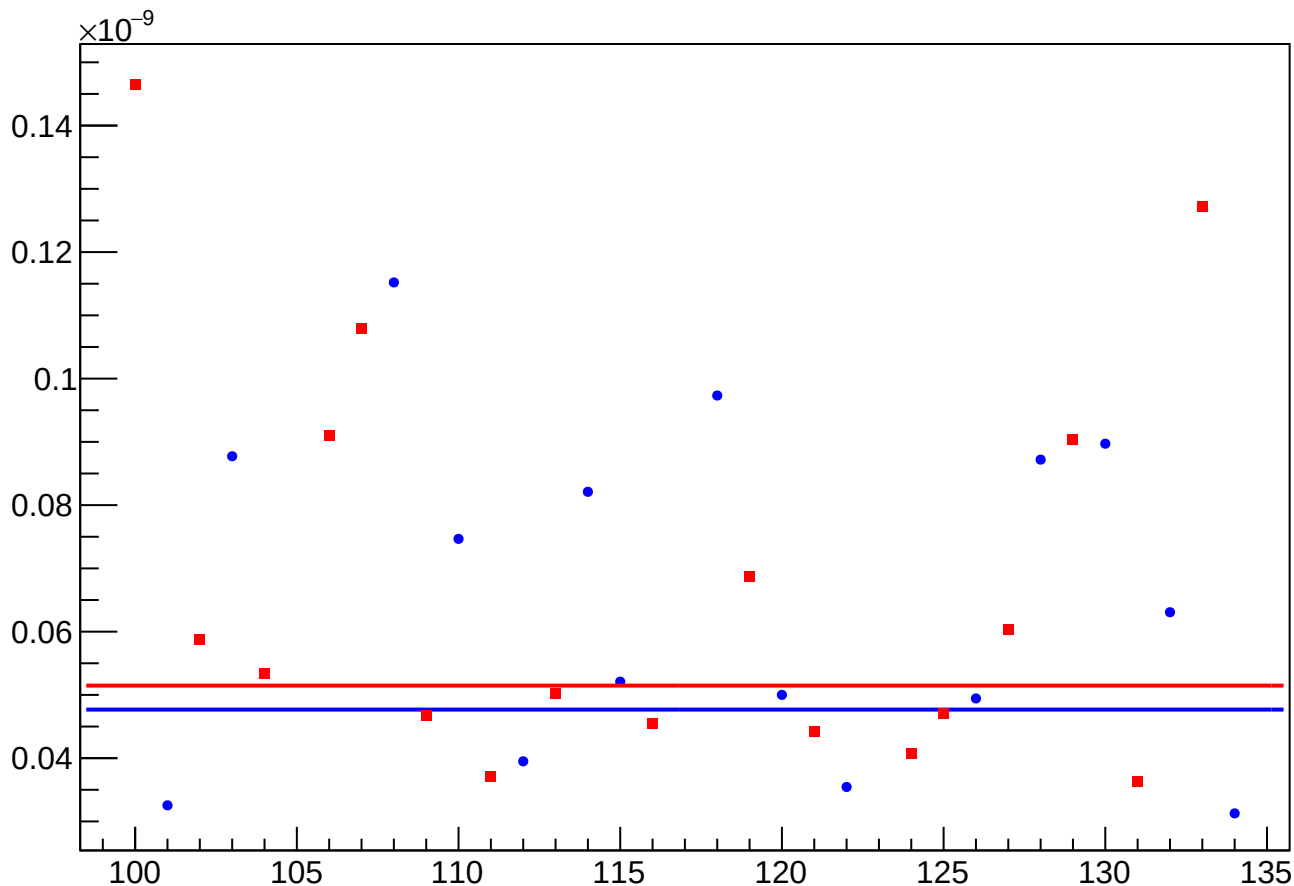
Right: 0.000+/-0.000 χ^2/NDF : 33.3/31

In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.3/31

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 891192.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 551053.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

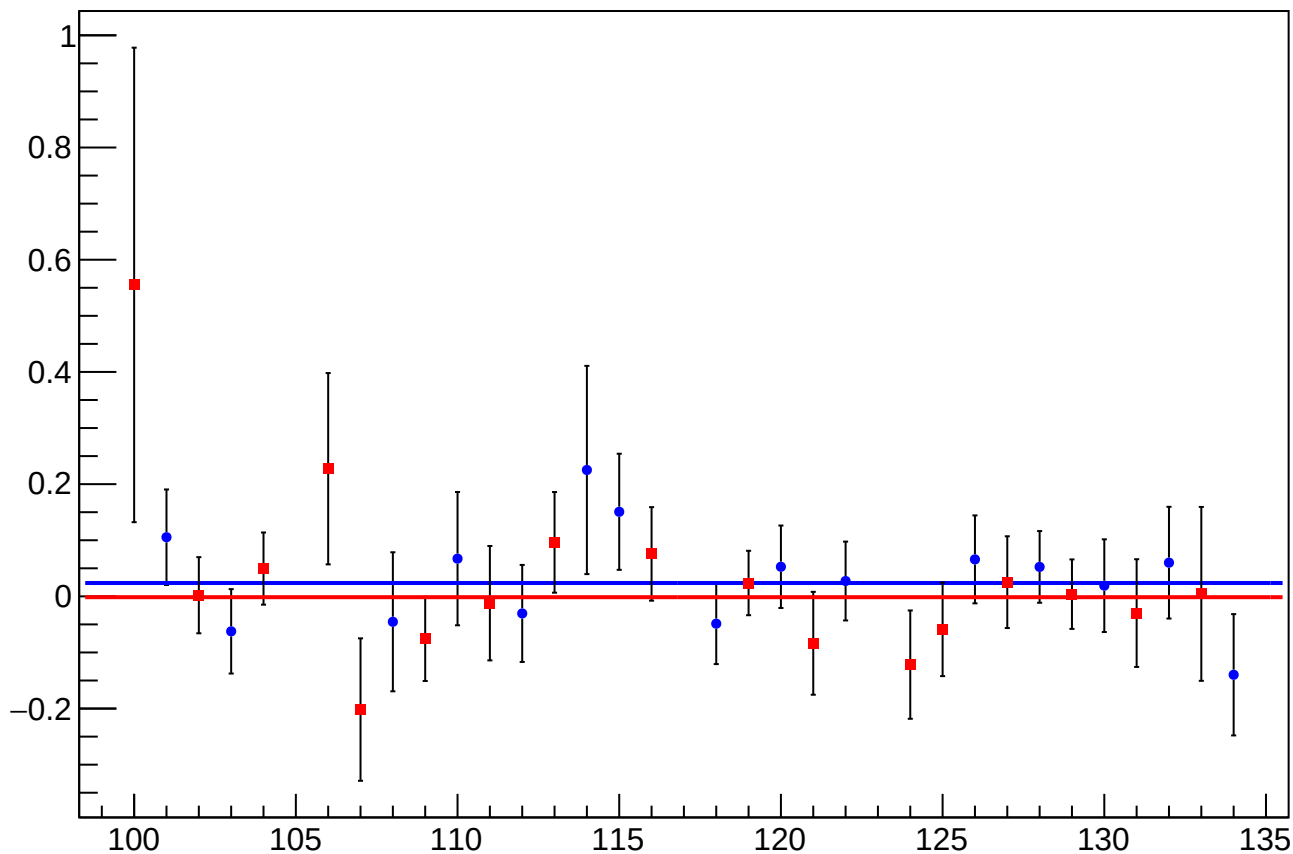
Right: 0.000+/-0.000 χ^2/NDF : 1456209.5/31

In: 0.000+/-0.000 χ^2/NDF :891192.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1456209.5/31

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.022 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.021 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

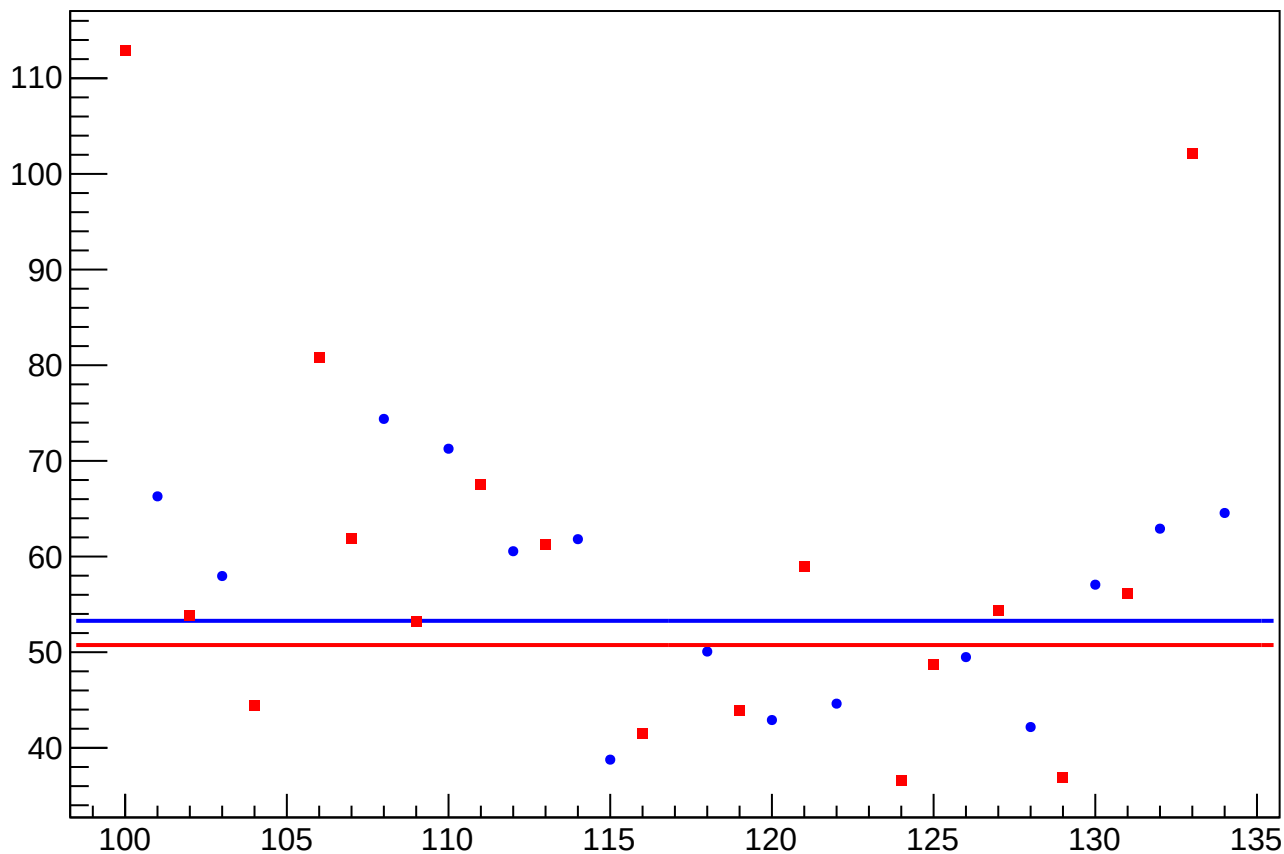
Right: 0.010+/-0.015 χ^2/NDF : 23.5/31

In: 0.024+/-0.022 χ^2/NDF : 9.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.015 χ^2/NDF : 23.5/31

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.280+/-0.016 χ^2/NDF : 400146.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.748+/-0.015 χ^2/NDF : 672083.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

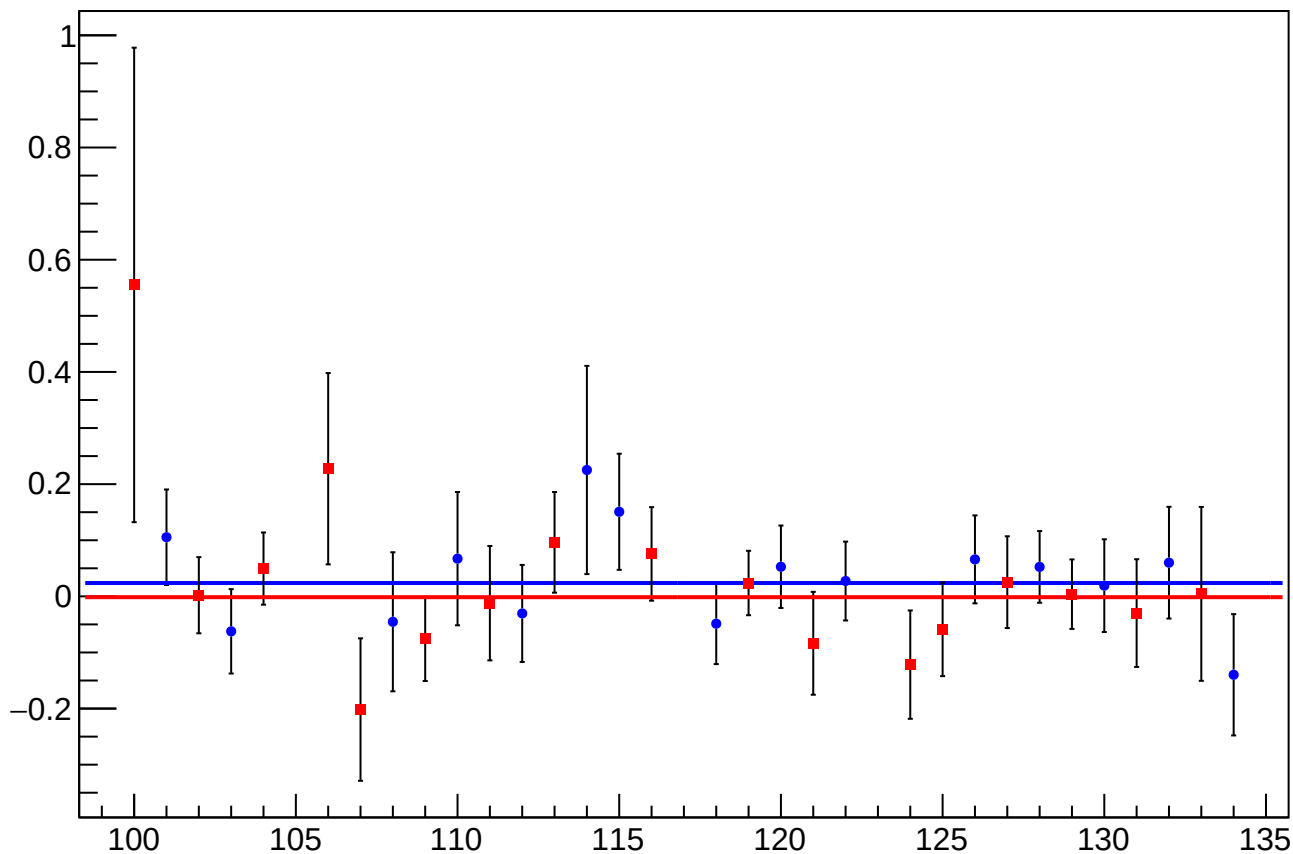
Right: 51.924+/-0.011 χ^2/NDF : 1086152.8/31

In: 53.280+/-0.016 χ^2/NDF : 400146.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.924+/-0.011 χ^2/NDF : 1086152.8/31

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.022 χ^2 /NDF: 9.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.021 χ^2 /NDF: 12.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

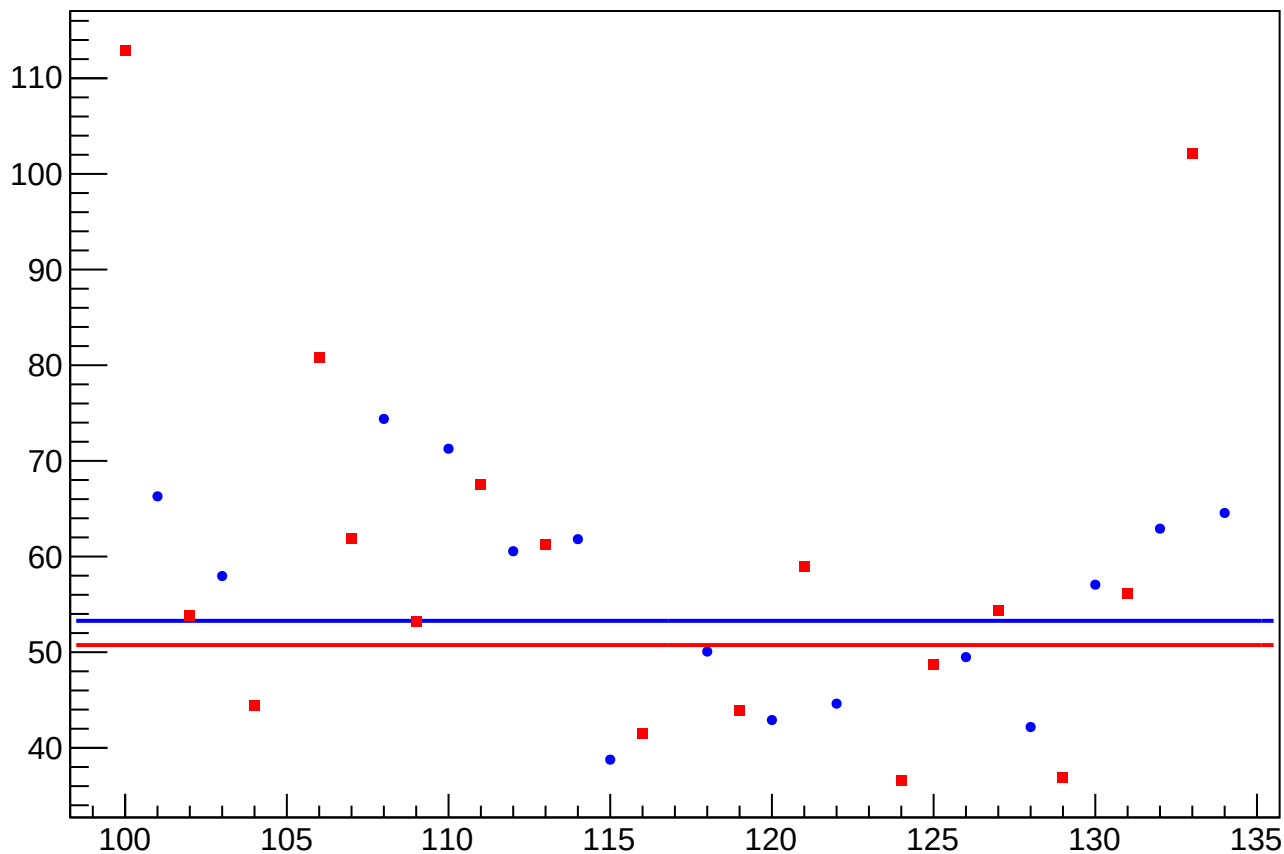
Right: 0.010 $\pm$ 0.015 χ^2 /NDF: 23.5/31

In: 0.024 $\pm$ 0.022 χ^2 /NDF:9.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.015 χ^2 /NDF: 23.5/31

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.280+/-0.016 χ^2/NDF : 400146.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.748+/-0.015 χ^2/NDF : 672083.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

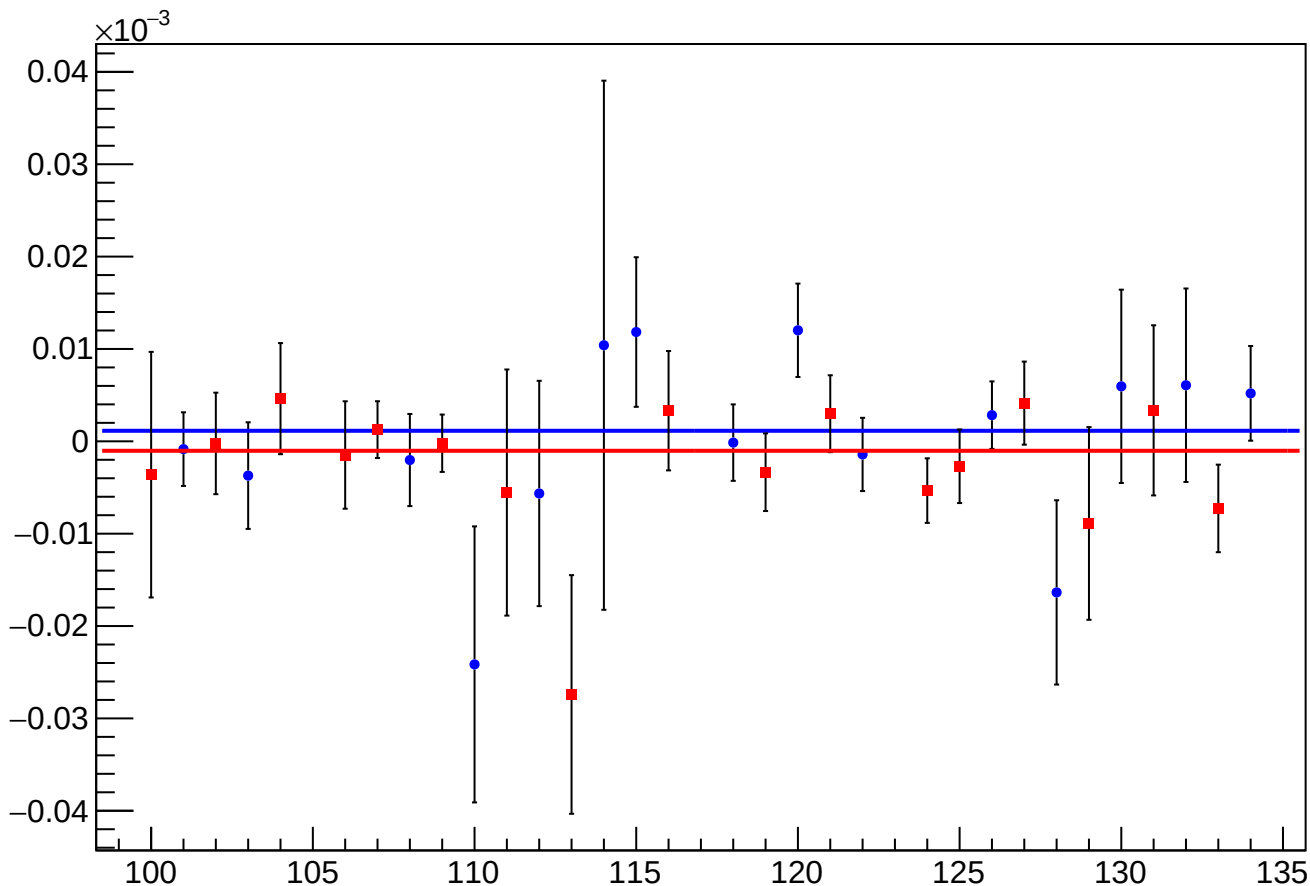
Right: 51.924+/-0.011 χ^2/NDF : 1086152.8/31

In: 53.280+/-0.016 χ^2/NDF : 400146.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.924+/-0.011 χ^2/NDF : 1086152.8/31

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

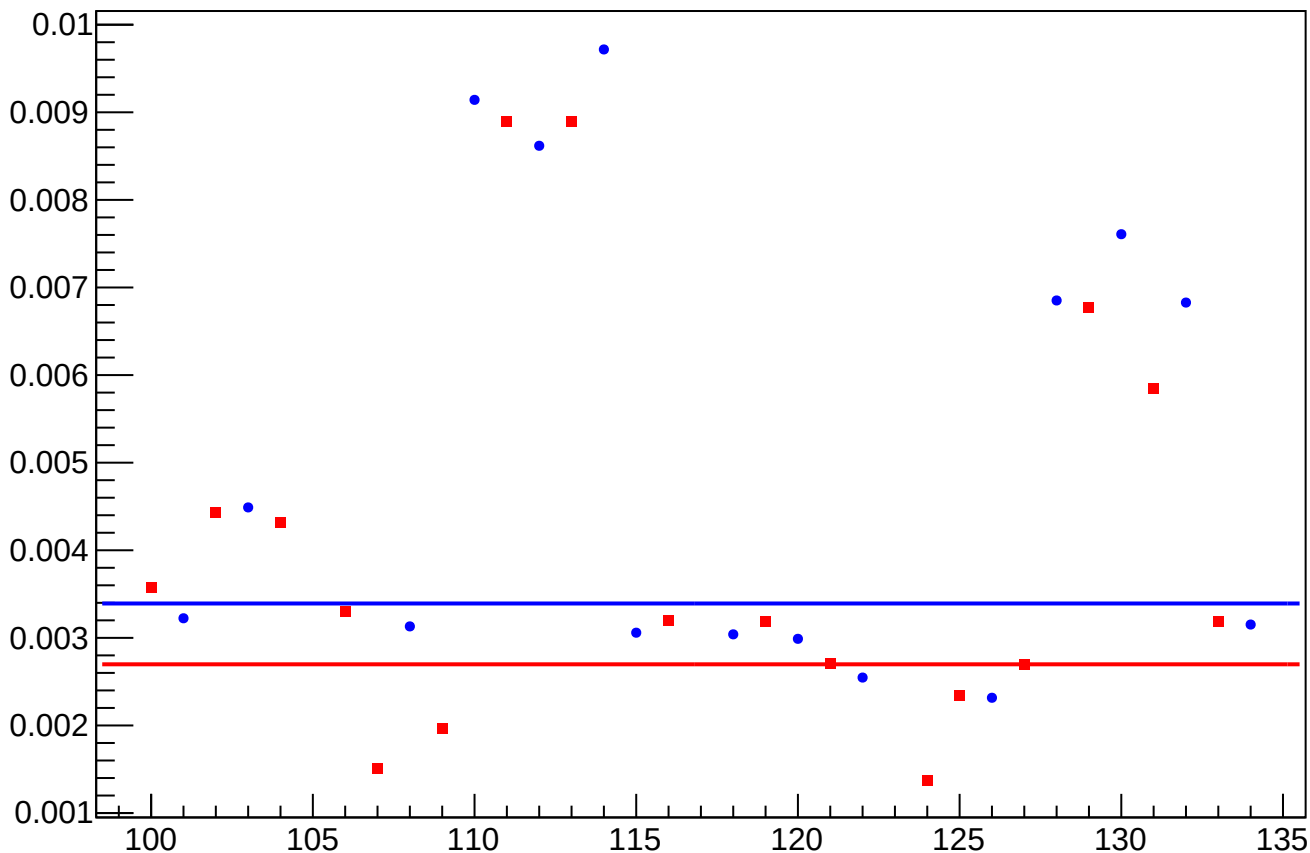
Right: -0.000+/-0.000 χ^2/NDF : 30.3/31

In: 0.000+/-0.000 χ^2/NDF : 15.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/31

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1921702.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2583307.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

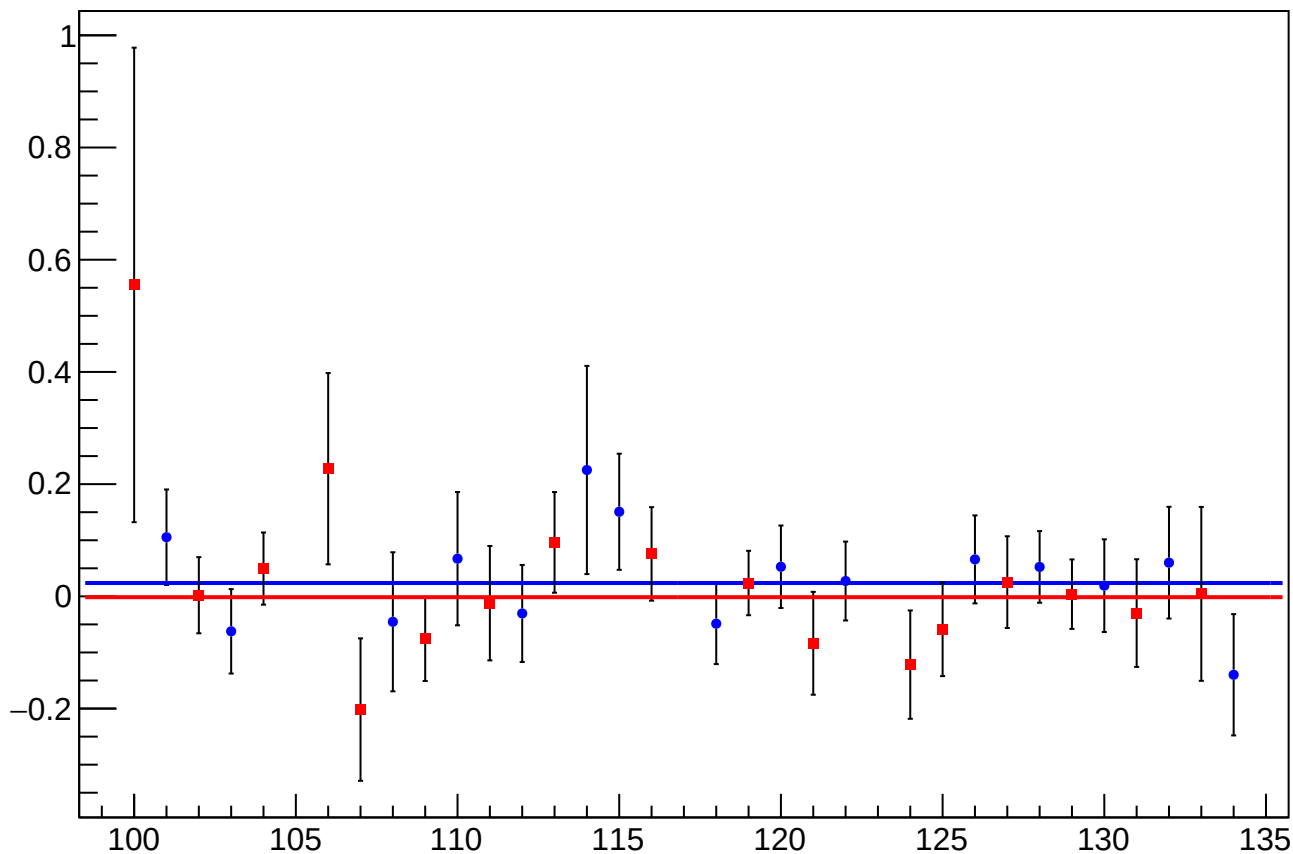
Right: 0.003+/-0.000 χ^2/NDF : 4776026.9/31

In: 0.003+/-0.000 χ^2/NDF :1921702.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4776026.9/31

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.022 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.021 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

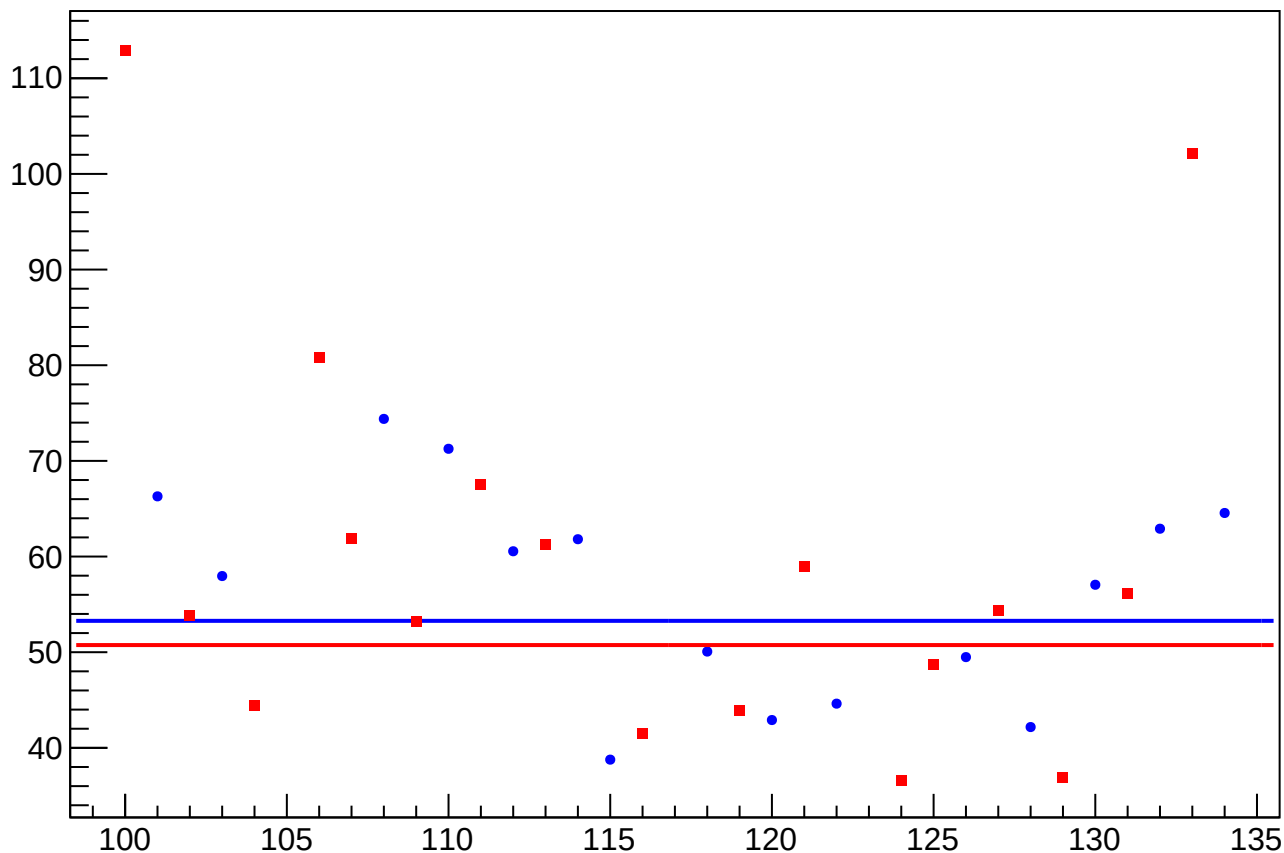
Right: 0.010+/-0.015 χ^2/NDF : 23.5/31

In: 0.024+/-0.022 χ^2/NDF : 9.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.015 χ^2/NDF : 23.5/31

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.278+/-0.016 χ^2/NDF : 400108.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.746+/-0.015 χ^2/NDF : 672094.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

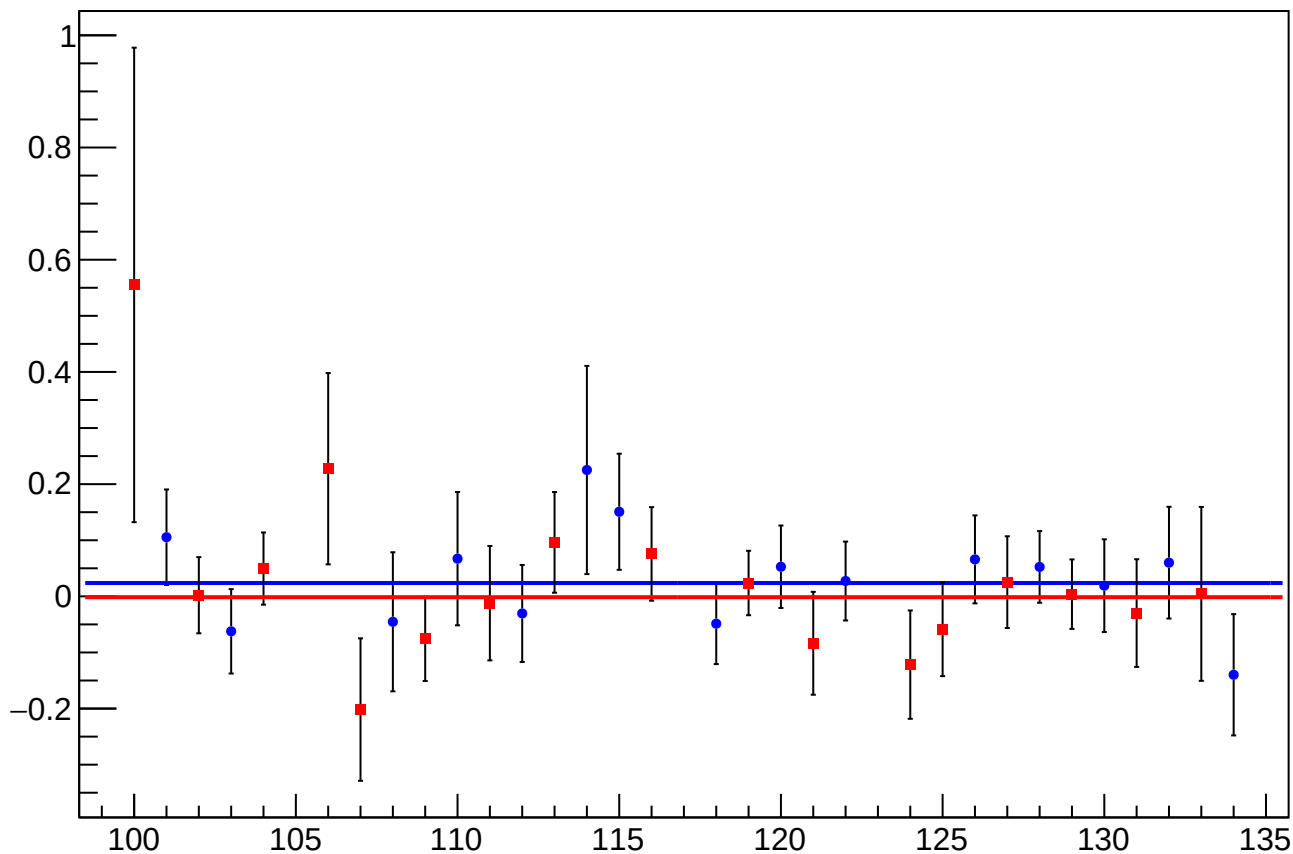
Right: 51.923+/-0.011 χ^2/NDF : 1086125.6/31

In: 53.278+/-0.016 χ^2/NDF : 400108.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.923+/-0.011 χ^2/NDF : 1086125.6/31

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.022 χ^2 /NDF: 9.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.021 χ^2 /NDF: 12.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

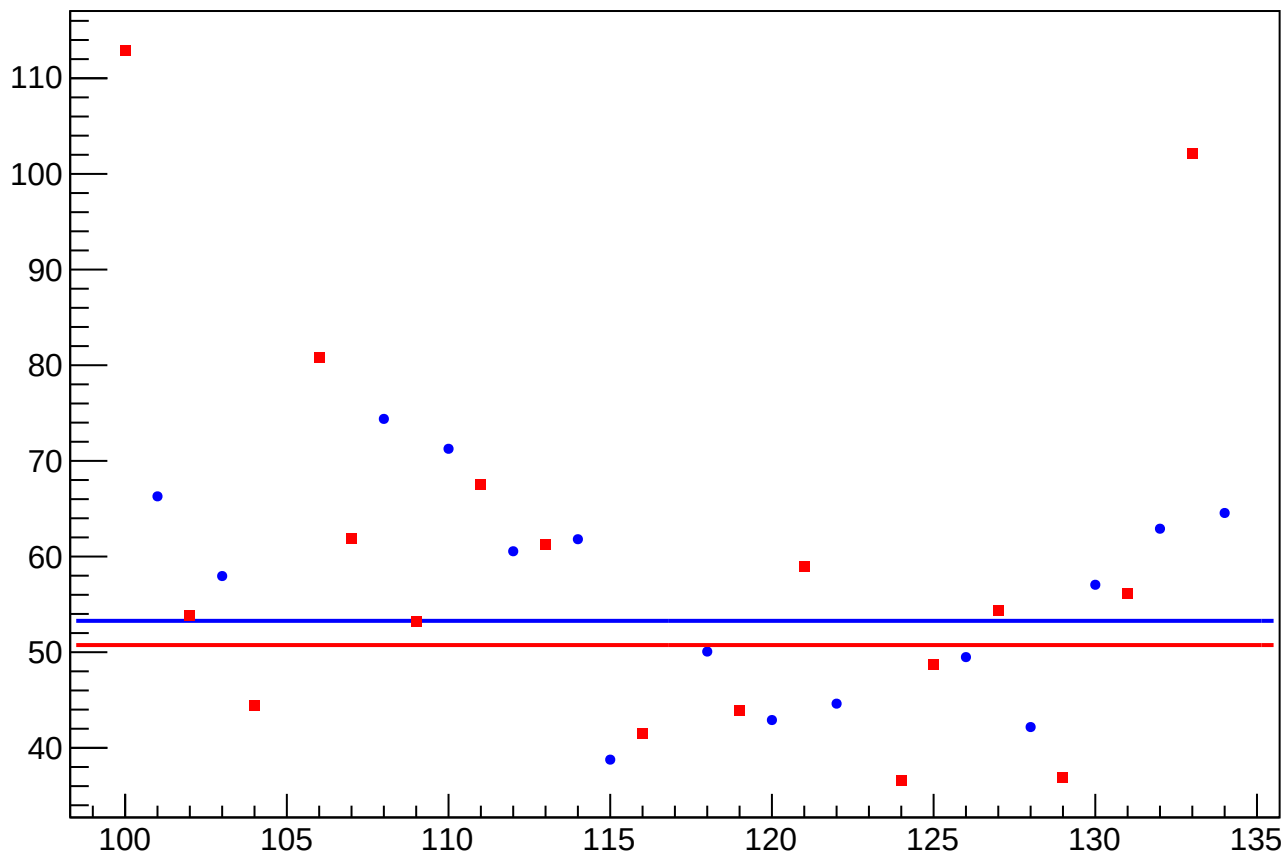
Right: 0.010 $\pm$ 0.015 χ^2 /NDF: 23.5/31

In: 0.024 $\pm$ 0.022 χ^2 /NDF:9.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.015 χ^2 /NDF: 23.5/31

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.278+/-0.016 χ^2/NDF : 400108.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.746+/-0.015 χ^2/NDF : 672094.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

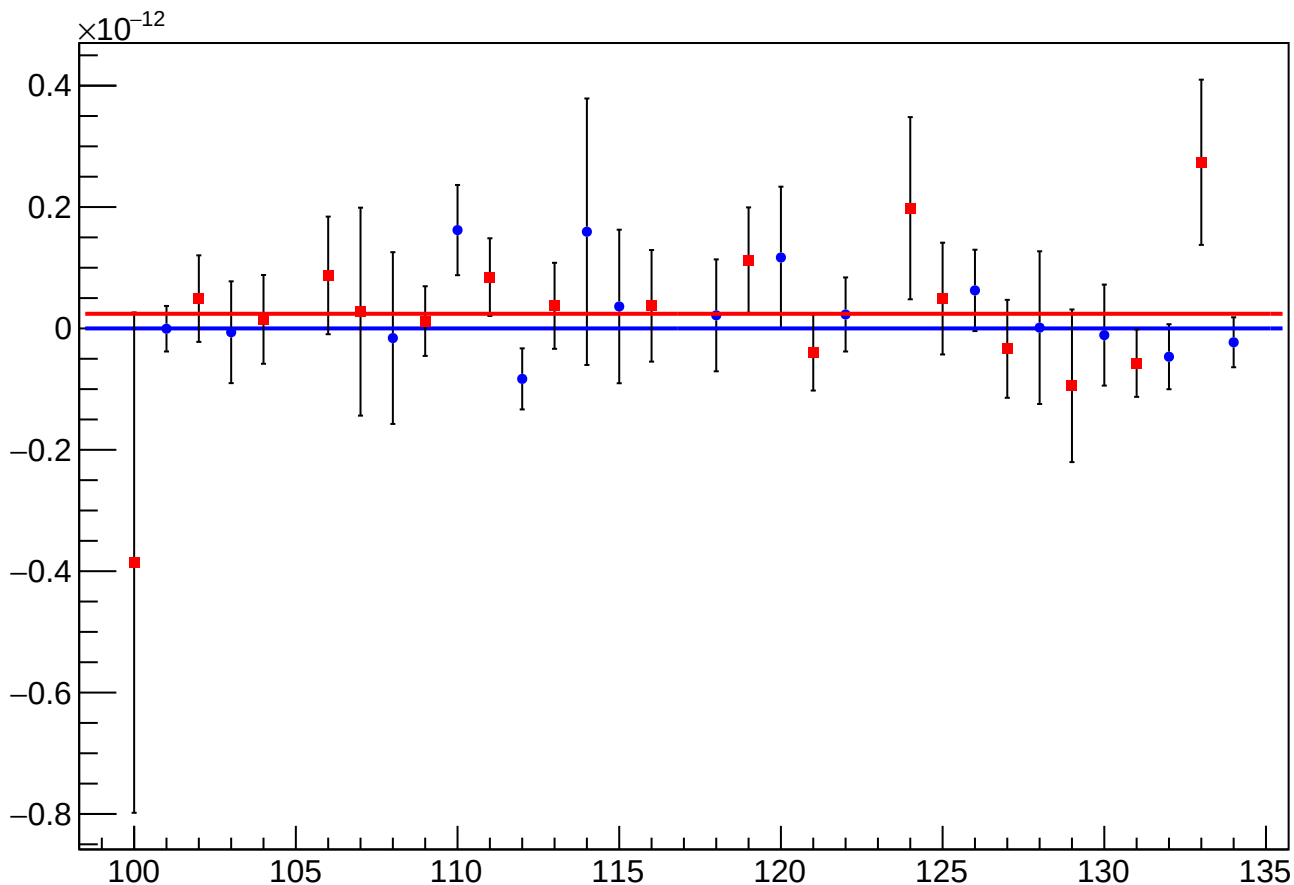
Right: 51.923+/-0.011 χ^2/NDF : 1086125.6/31

In: 53.278+/-0.016 χ^2/NDF : 400108.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.923+/-0.011 χ^2/NDF : 1086125.6/31

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

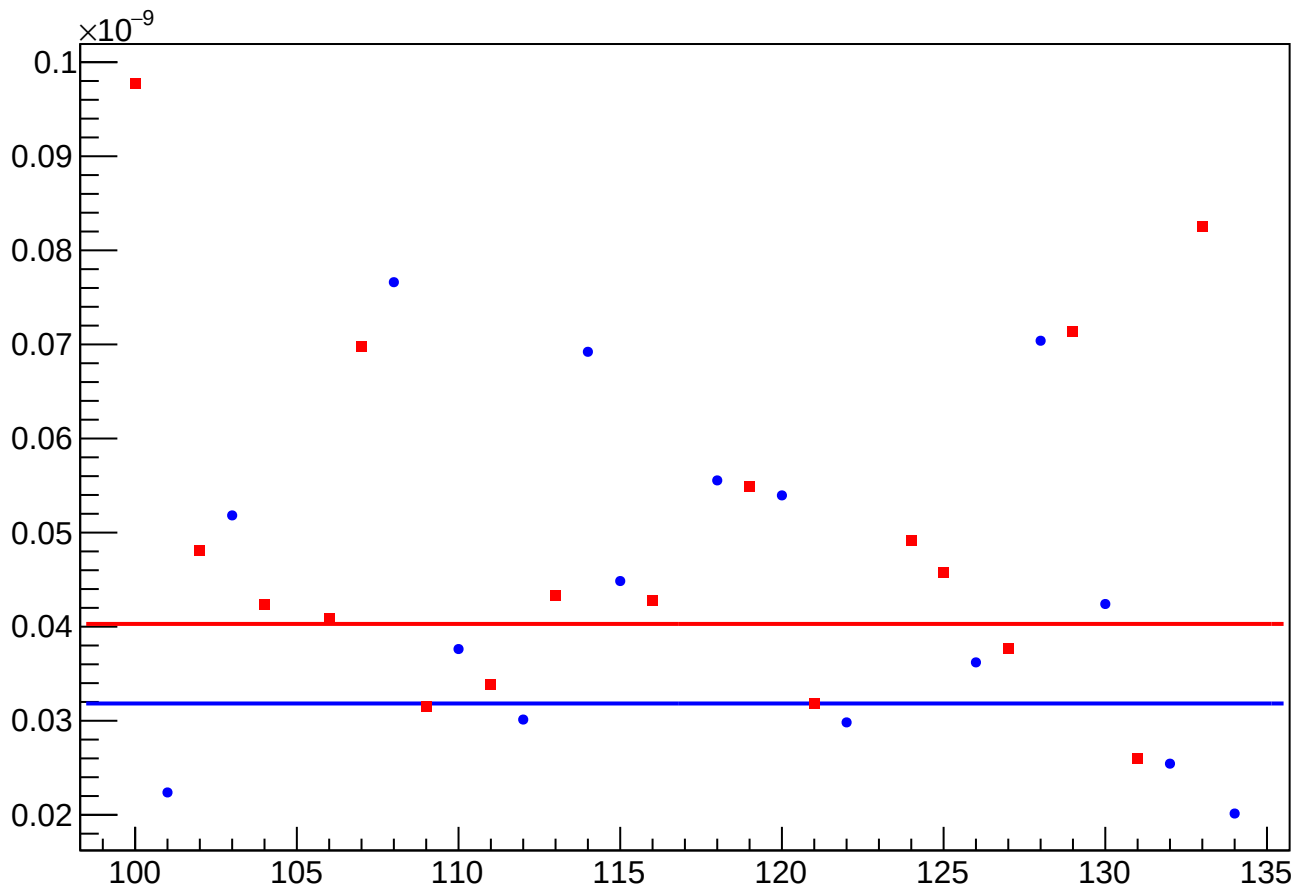
Right: 0.000+/-0.000 χ^2/NDF : 25.0/31

In: 0.000+/-0.000 χ^2/NDF : 11.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.0/31

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1159486.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 753846.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

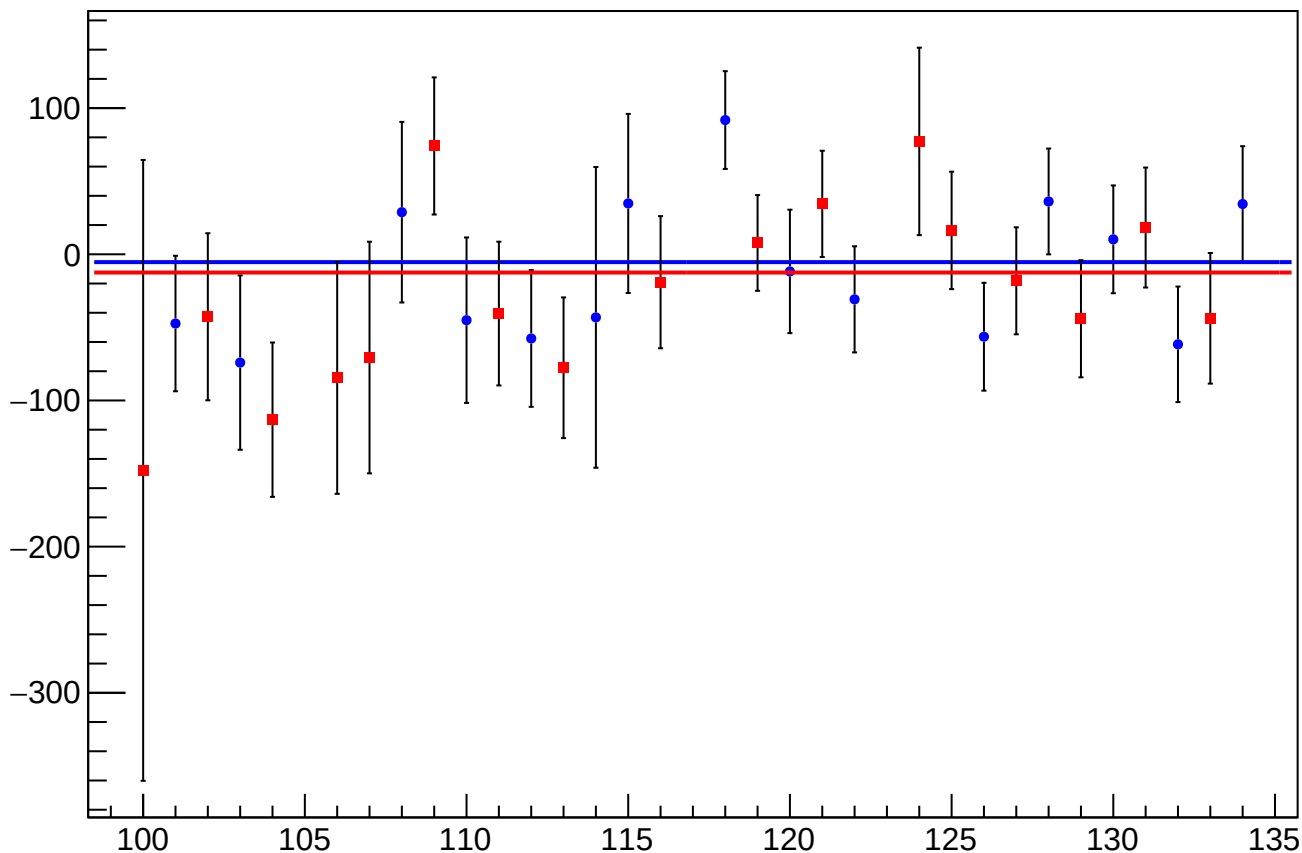
Right: 0.000+/-0.000 χ^2/NDF : 2120901.1/31

In: 0.000+/-0.000 χ^2/NDF : 1159486.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2120901.1/31

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.359 ± 11.276 χ^2/NDF : 20.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.476 ± 11.315 χ^2/NDF : 17.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

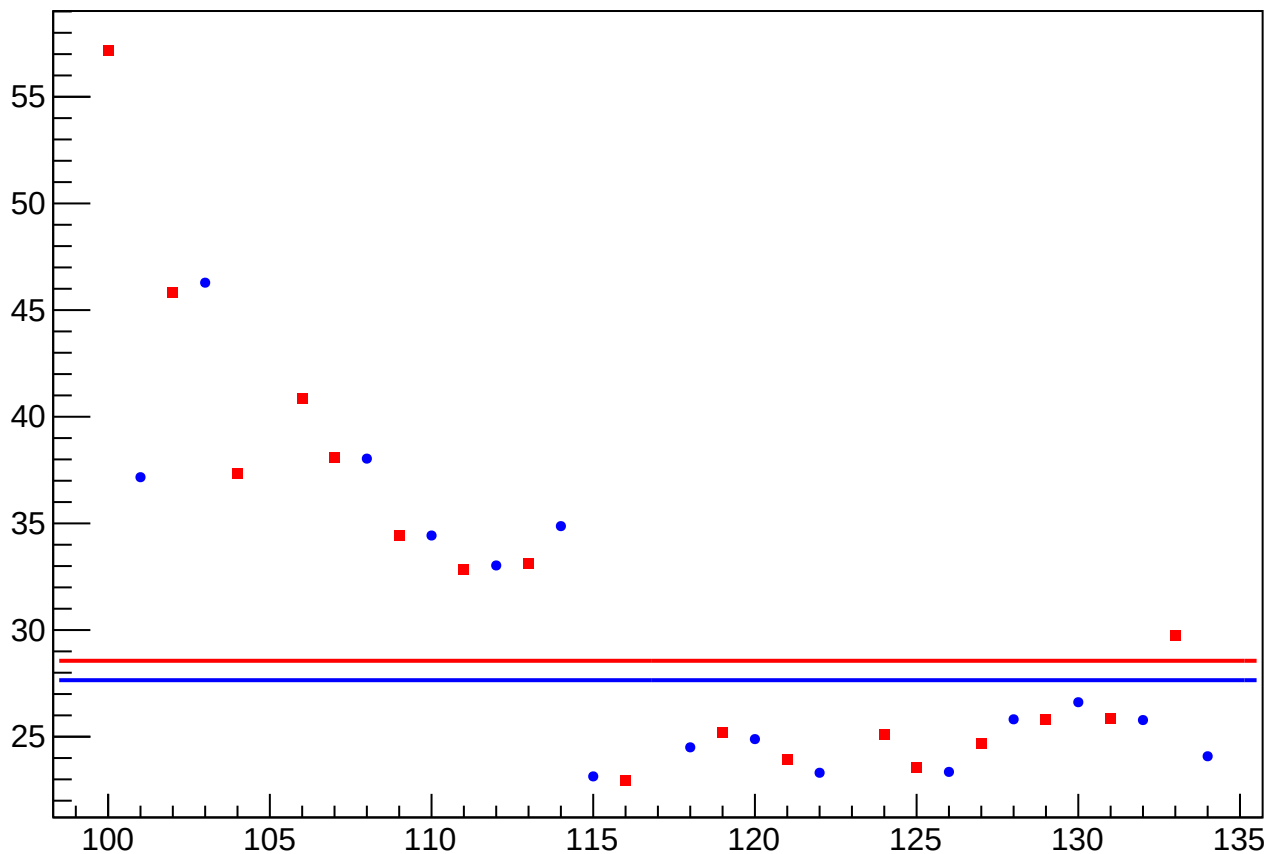
Right: -8.905 ± 7.987 χ^2/NDF : 37.9/31

In: -5.359 ± 11.276 χ^2/NDF : 20.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.905 ± 7.987 χ^2/NDF : 37.9/31

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.649+/-0.008 χ^2/NDF : 521482.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.559+/-0.008 χ^2/NDF : 578511.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

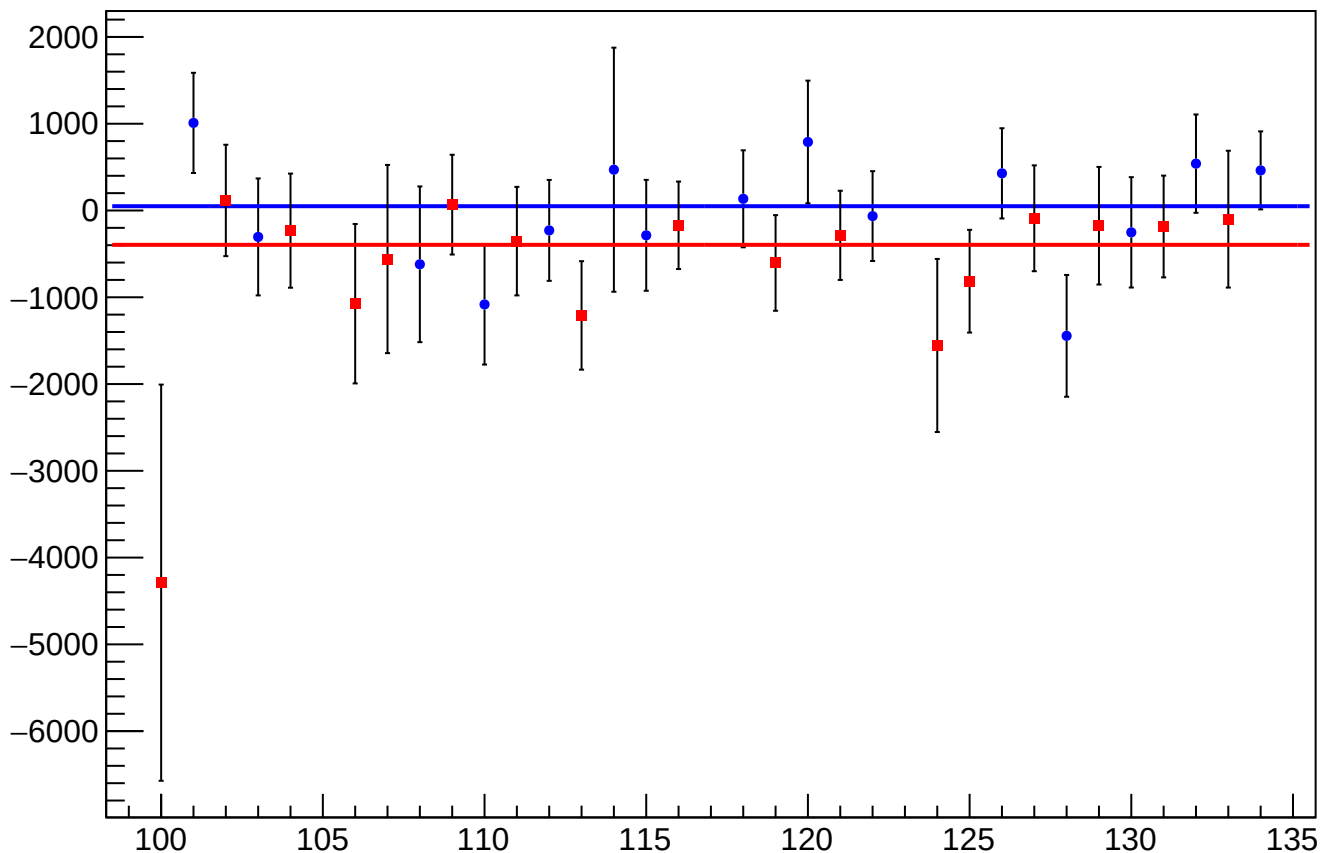
Right: 28.103+/-0.006 χ^2/NDF : 1106480.1/31

In: 27.649+/-0.008 χ^2/NDF : 521482.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.103+/-0.006 χ^2/NDF : 1106480.1/31

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 49.518+/-158.846 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -395.673+/-159.395 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

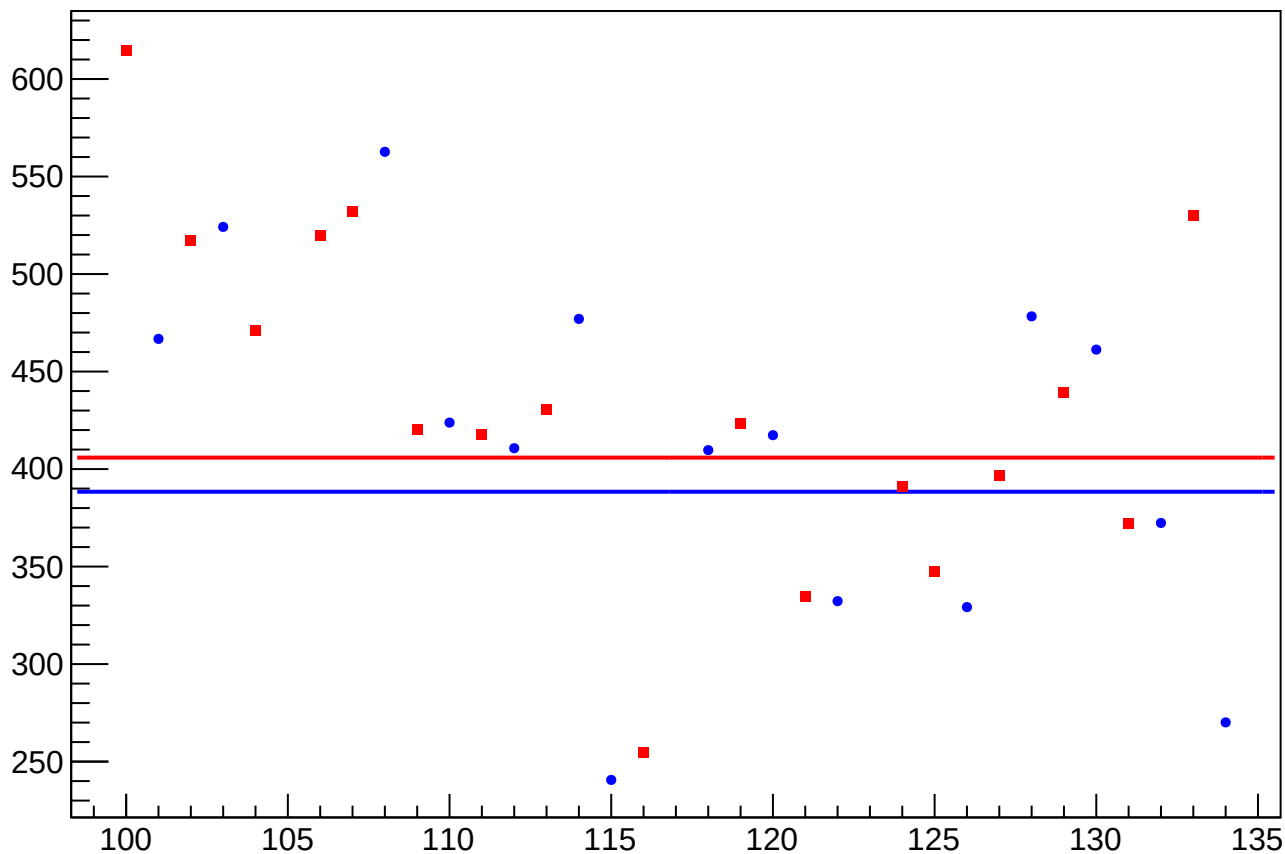
Right: -172.309+/-112.515 χ^2/NDF : 28.2/31

In: 49.518+/-158.846 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.309+/-112.515 χ^2/NDF : 28.2/31

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 388.367+/-0.112 χ^2/NDF : 571277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 405.869+/-0.113 χ^2/NDF : 460497.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

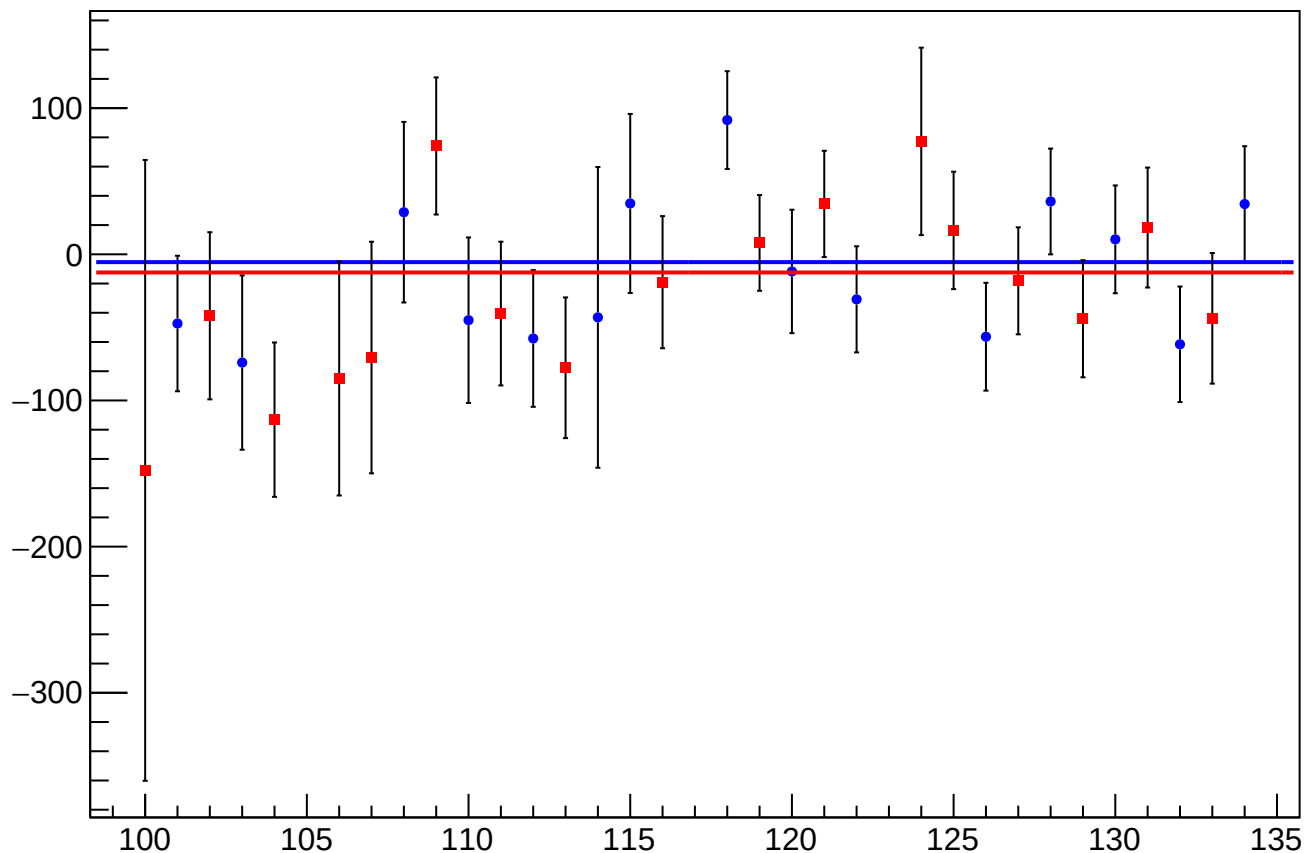
Right: 397.088+/-0.080 χ^2/NDF : 1043872.2/31

In: 388.367+/-0.112 χ^2/NDF : 571277.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.088+/-0.080 χ^2/NDF : 1043872.2/31

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.356+/-11.276 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.426+/-11.318 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

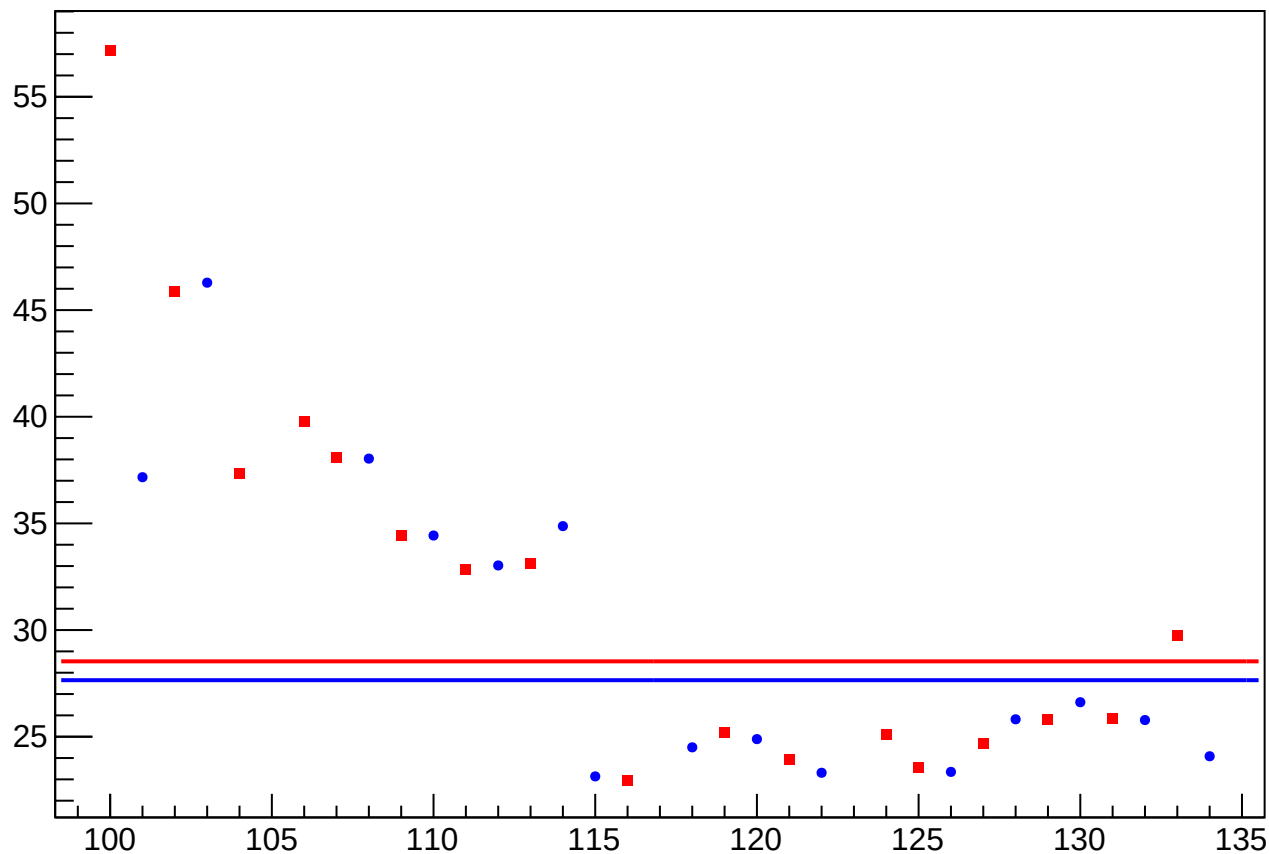
Right: -8.878+/-7.988 χ^2/NDF : 37.8/31

In: -5.356+/-11.276 χ^2/NDF : 20.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.878+/-7.988 χ^2/NDF : 37.8/31

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.649+/-0.008 χ^2/NDF : 521485.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.533+/-0.008 χ^2/NDF : 569928.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

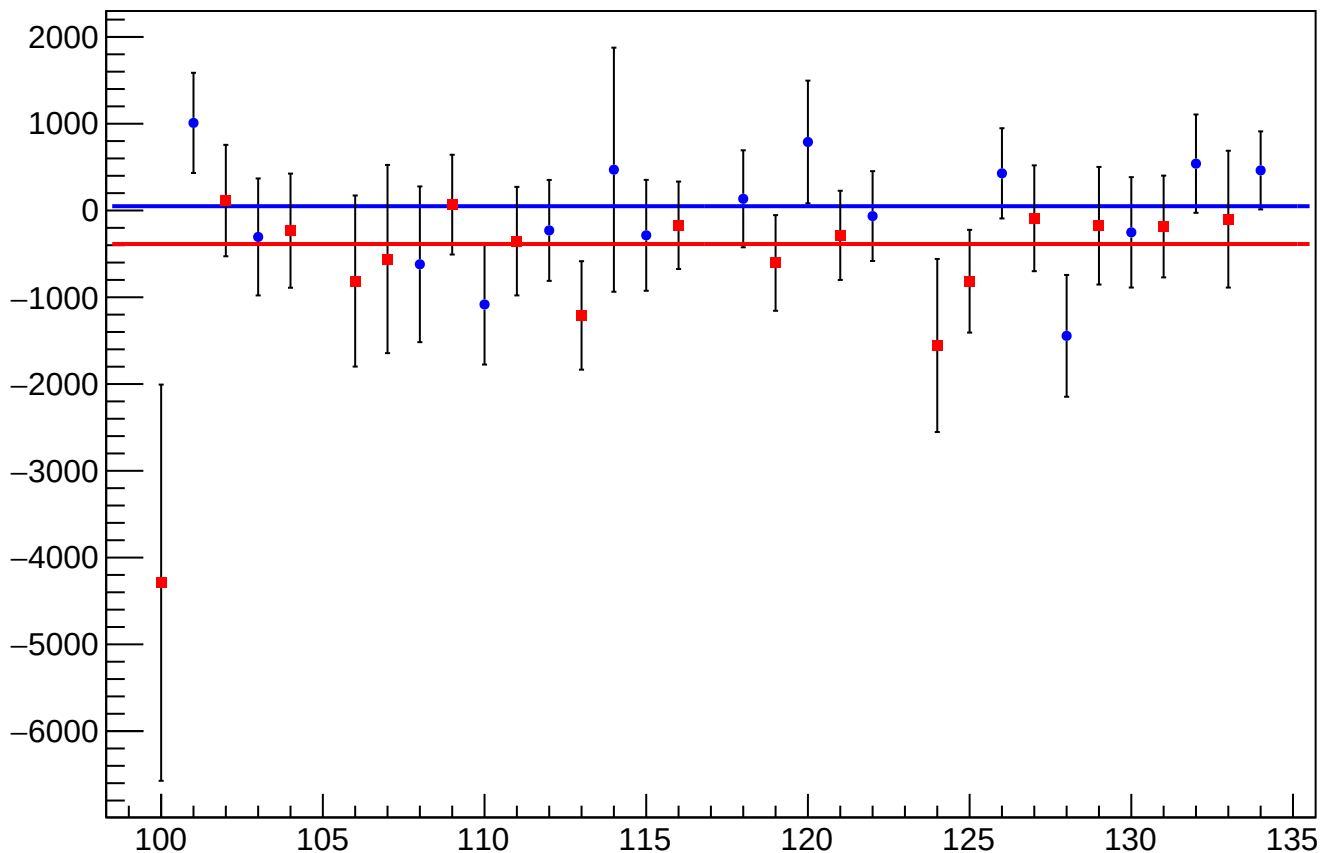
Right: 28.090+/-0.006 χ^2/NDF : 1097532.8/31

In: 27.649+/-0.008 χ^2/NDF : 521485.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.090+/-0.006 χ^2/NDF : 1097532.8/31

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 49.508+/-158.846 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.243+/-159.716 χ^2/NDF : 9.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

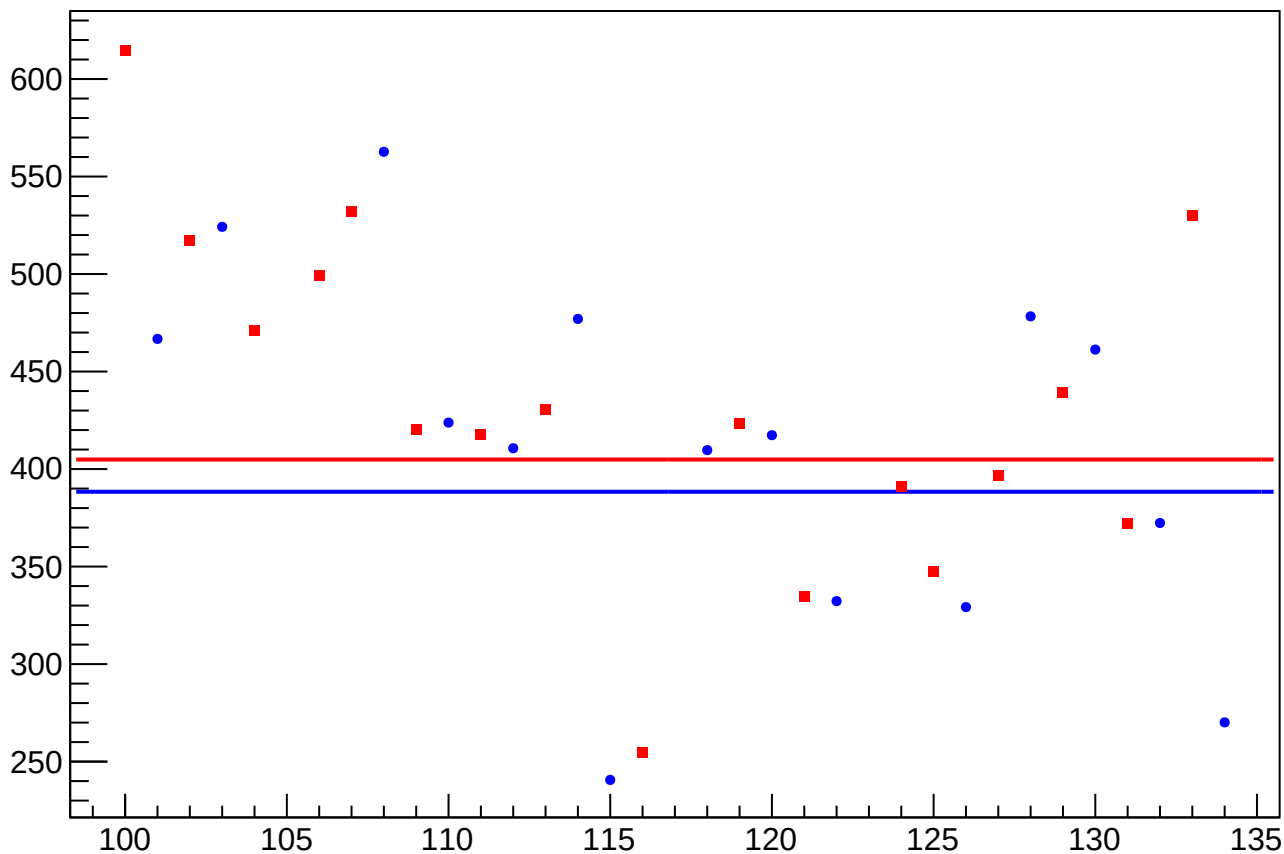
Right: -167.177+/-112.628 χ^2/NDF : 27.7/31

In: 49.508+/-158.846 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.177+/-112.628 χ^2/NDF : 27.7/31

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 388.368+/-0.112 χ^2/NDF : 571302.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.890+/-0.113 χ^2/NDF : 447883.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

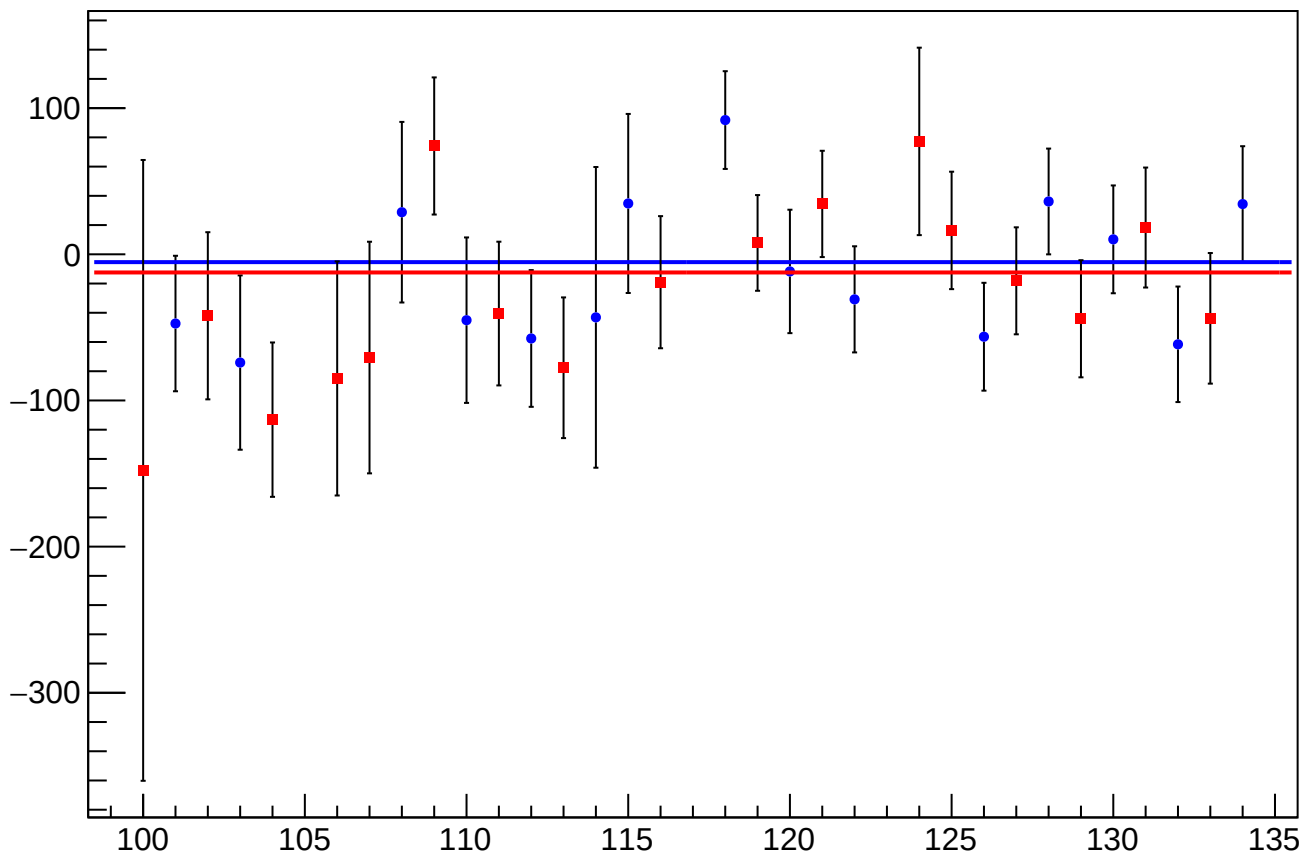
Right: 396.584+/-0.080 χ^2/NDF : 1029945.4/31

In: 388.368+/-0.112 χ^2/NDF : 571302.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.584+/-0.080 χ^2/NDF : 1029945.4/31

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.356+/-11.276 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.426+/-11.318 χ^2/NDF : 17.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

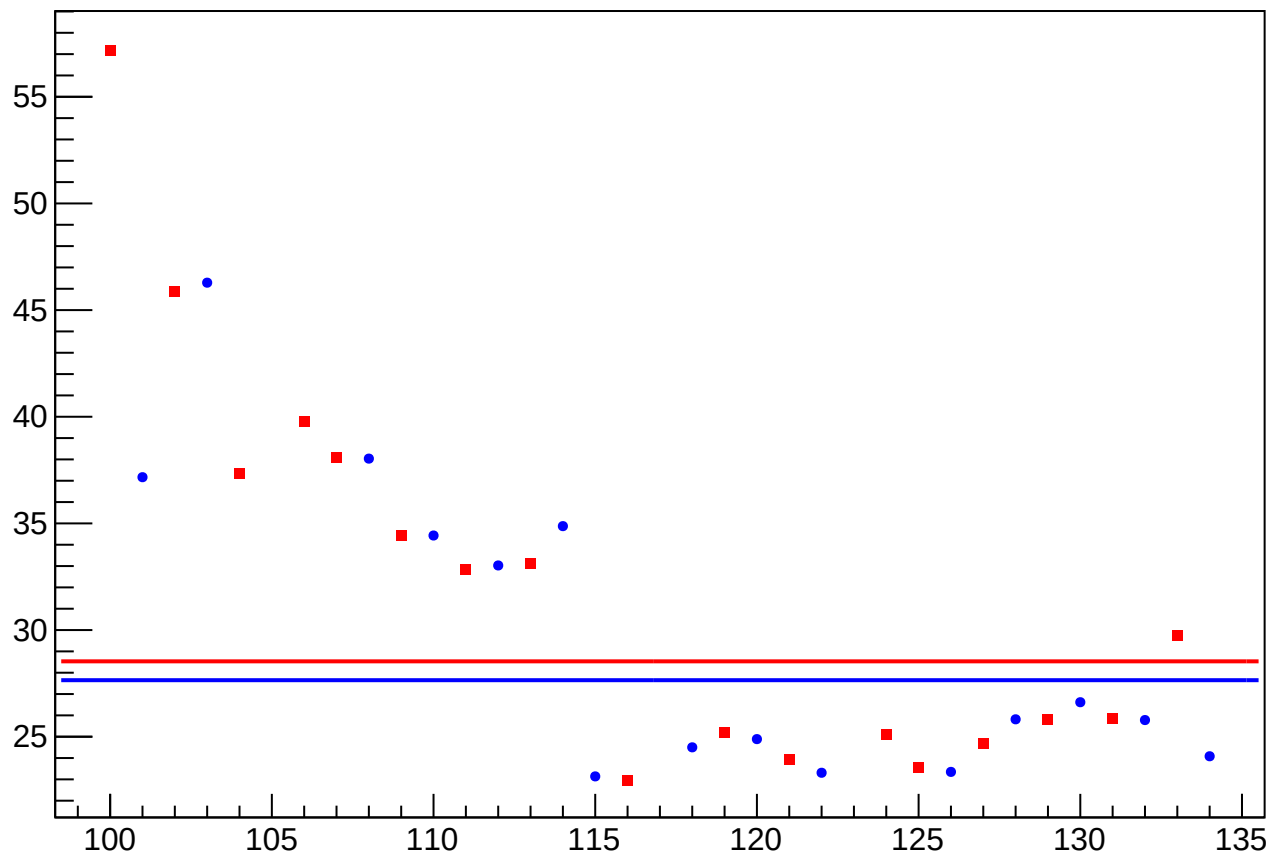
Right: -8.878+/-7.988 χ^2/NDF : 37.8/31

In: -5.356+/-11.276 χ^2/NDF : 20.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.878+/-7.988 χ^2/NDF : 37.8/31

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.649+/-0.008 χ^2/NDF : 521485.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.533+/-0.008 χ^2/NDF : 569928.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

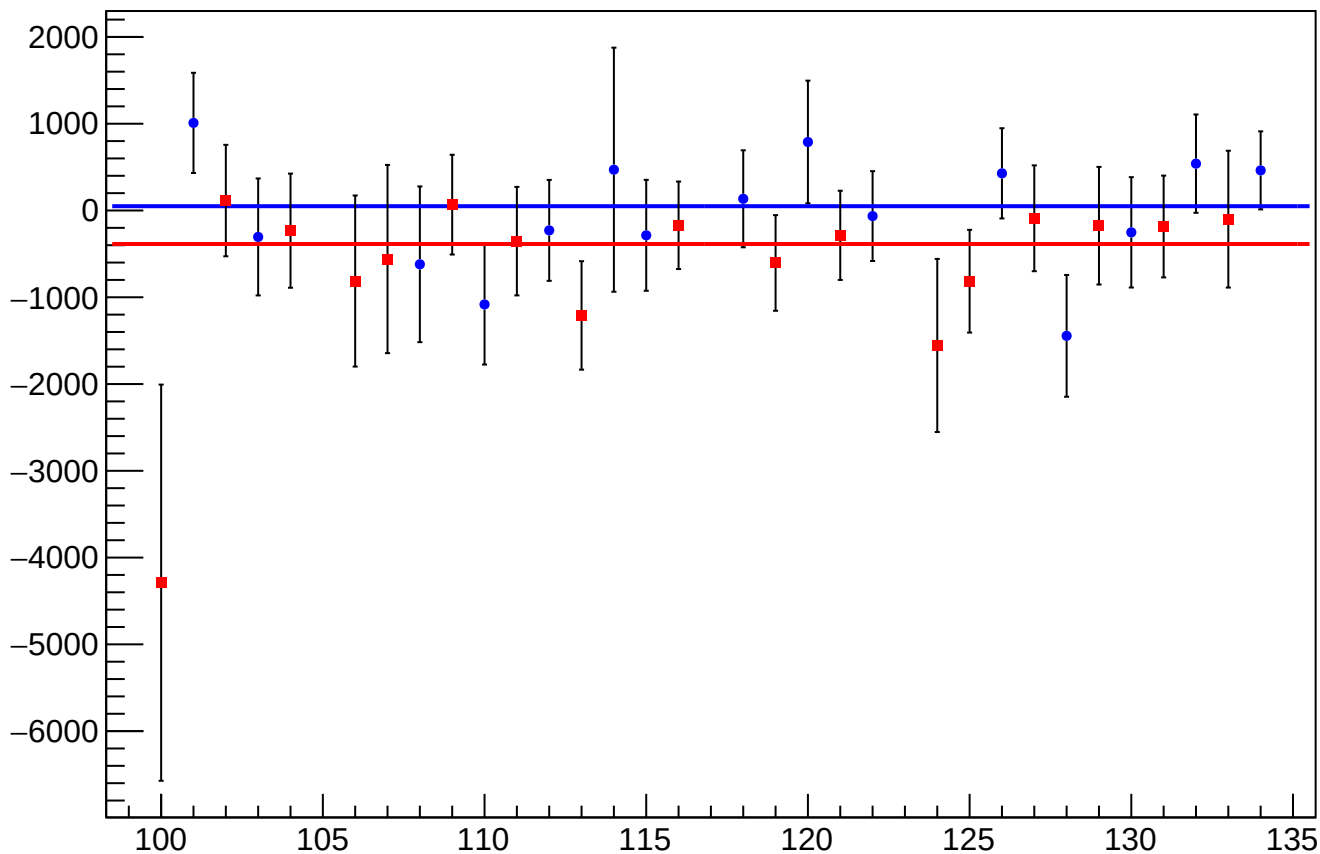
Right: 28.090+/-0.006 χ^2/NDF : 1097532.8/31

In: 27.649+/-0.008 χ^2/NDF : 521485.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.090+/-0.006 χ^2/NDF : 1097532.8/31

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 49.508+/-158.846 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.243+/-159.716 χ^2/NDF : 9.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

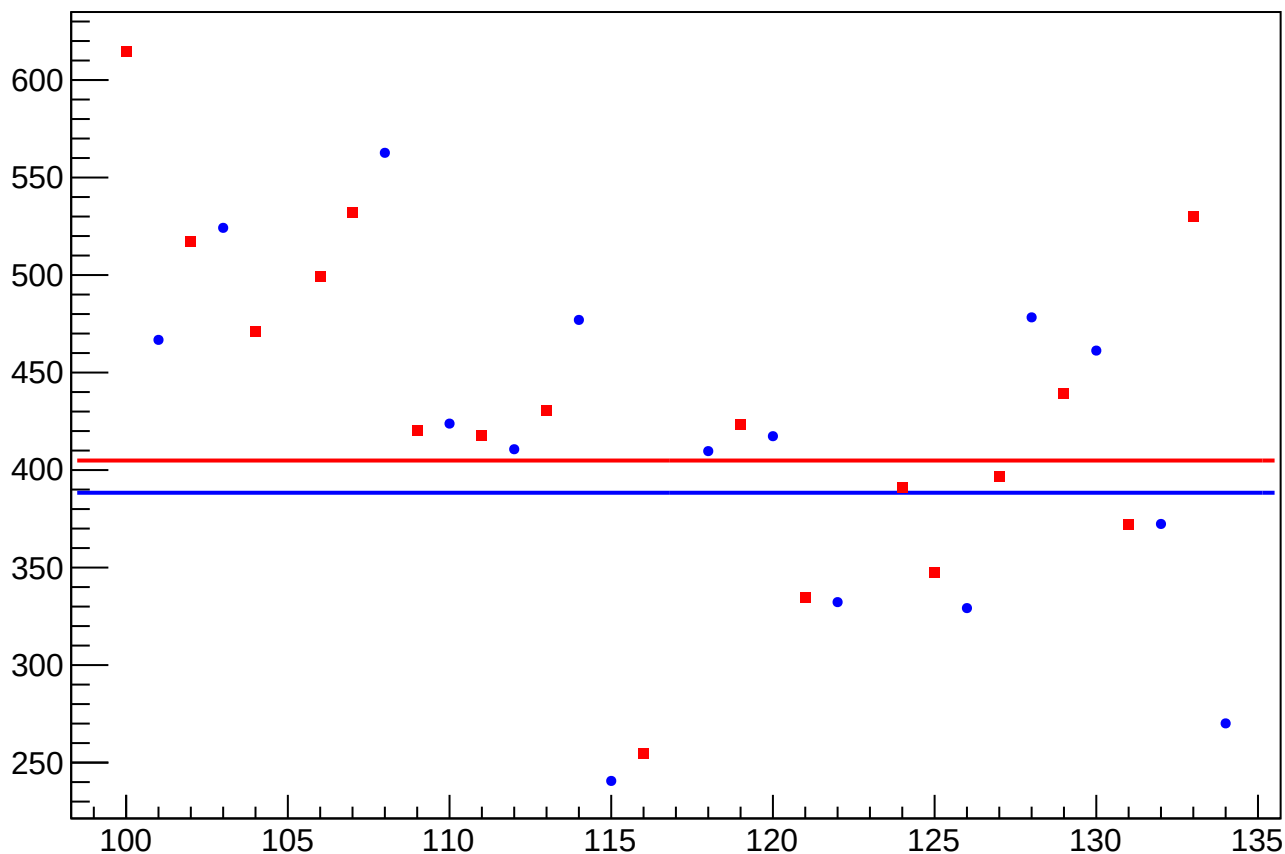
Right: -167.177+/-112.628 χ^2/NDF : 27.7/31

In: 49.508+/-158.846 χ^2/NDF : 14.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.177+/-112.628 χ^2/NDF : 27.7/31

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 388.368+/-0.112 χ^2/NDF : 571302.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.890+/-0.113 χ^2/NDF : 447883.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

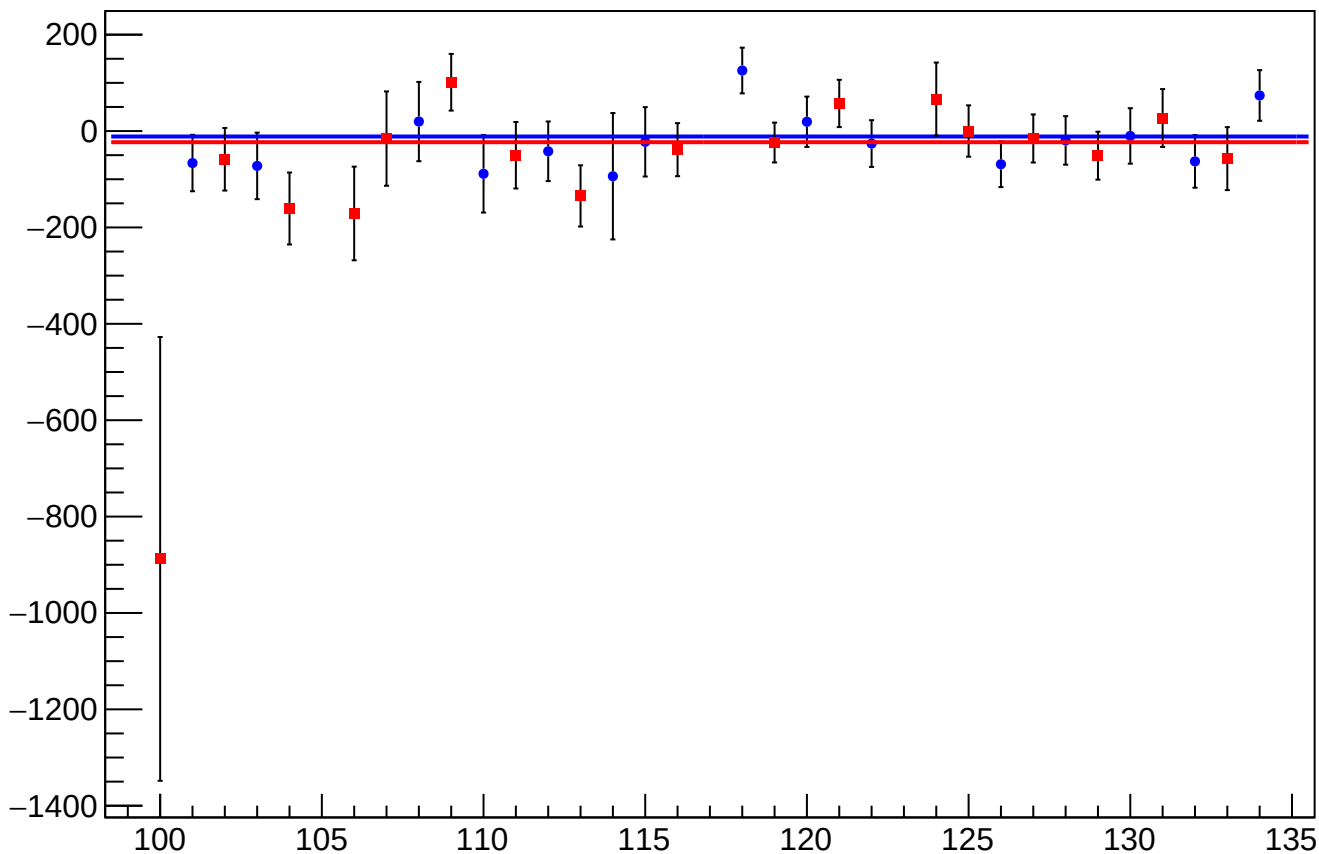
Right: 396.584+/-0.080 χ^2/NDF : 1029945.4/31

In: 388.368+/-0.112 χ^2/NDF : 571302.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.584+/-0.080 χ^2/NDF : 1029945.4/31

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -11.316 ± 15.091 χ^2/NDF : 17.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.111 ± 14.821 χ^2/NDF : 22.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

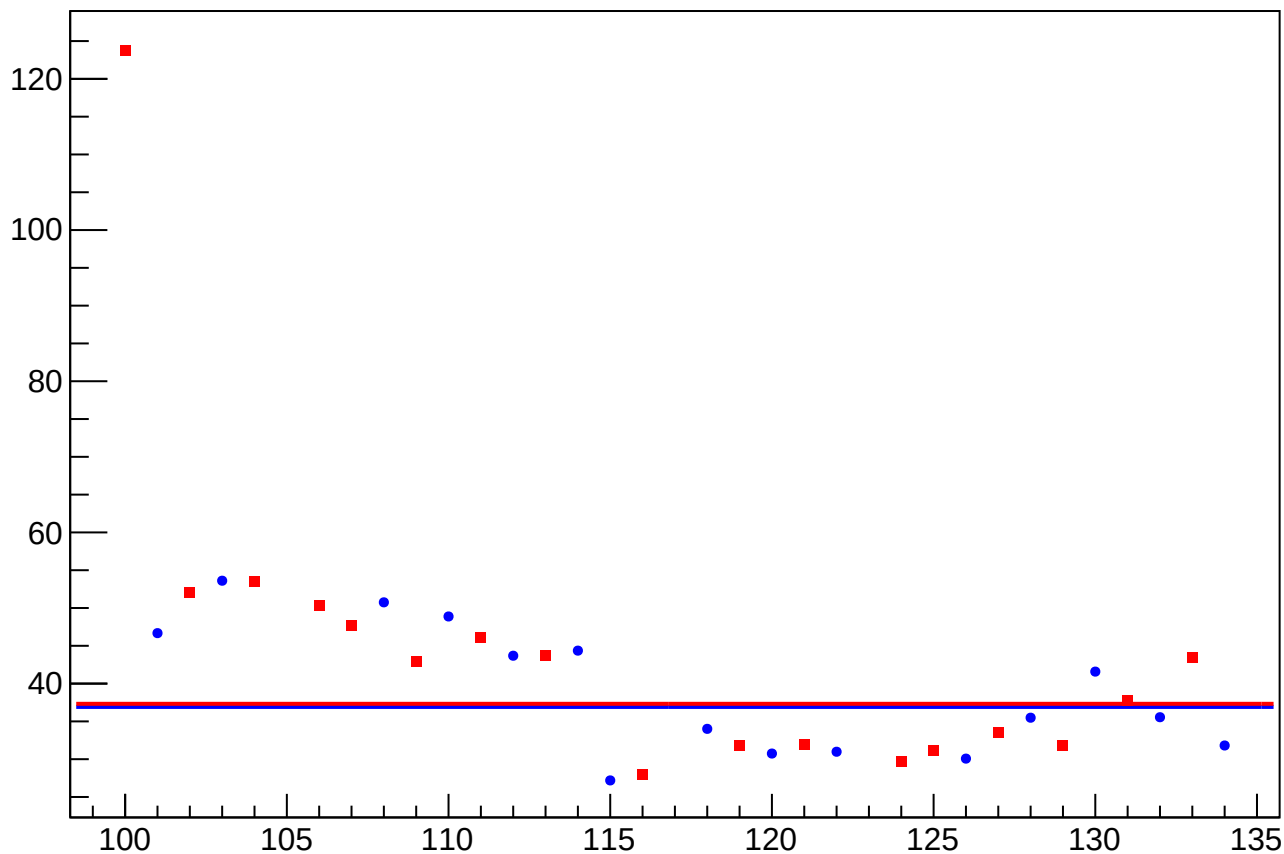
Right: -17.320 ± 10.574 χ^2/NDF : 40.4/31

In: -11.316 ± 15.091 χ^2/NDF : 17.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.320 ± 10.574 χ^2/NDF : 40.4/31

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 36.914 $\pm$ 0.011 χ^2 /NDF: 482062.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.326 $\pm$ 0.010 χ^2 /NDF: 614692.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

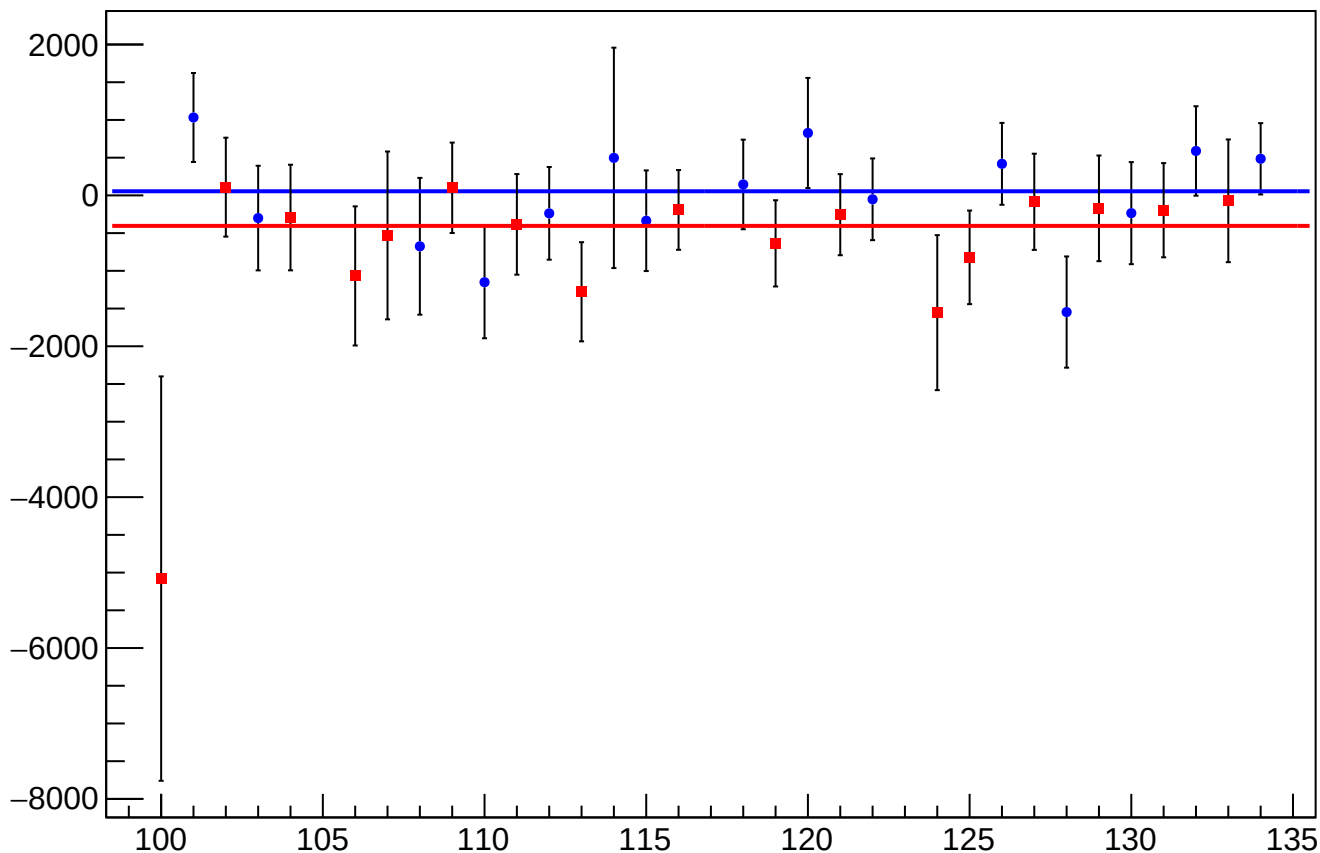
Right: 37.124 $\pm$ 0.007 χ^2 /NDF: 1097511.2/31

In: 36.914 $\pm$ 0.011 χ^2 /NDF:482062.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.124 $\pm$ 0.007 χ^2 /NDF: 1097511.2/31

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 54.700+/-166.190 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -404.278+/-166.532 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

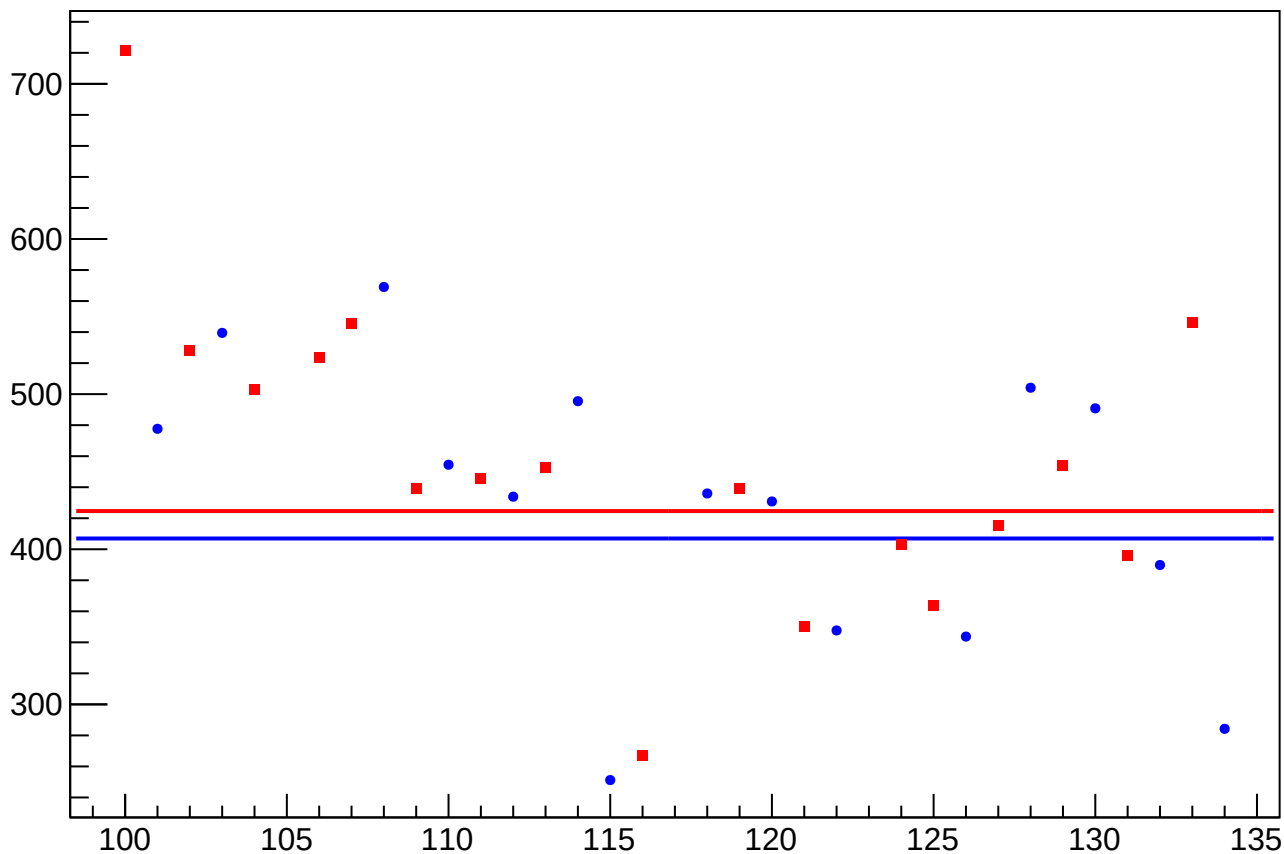
Right: -174.317+/-117.635 χ^2/NDF : 28.4/31

In: 54.700+/-166.190 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.317+/-117.635 χ^2/NDF : 28.4/31

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 406.943+/-0.118 χ^2/NDF : 554073.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.615+/-0.118 χ^2/NDF : 442801.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

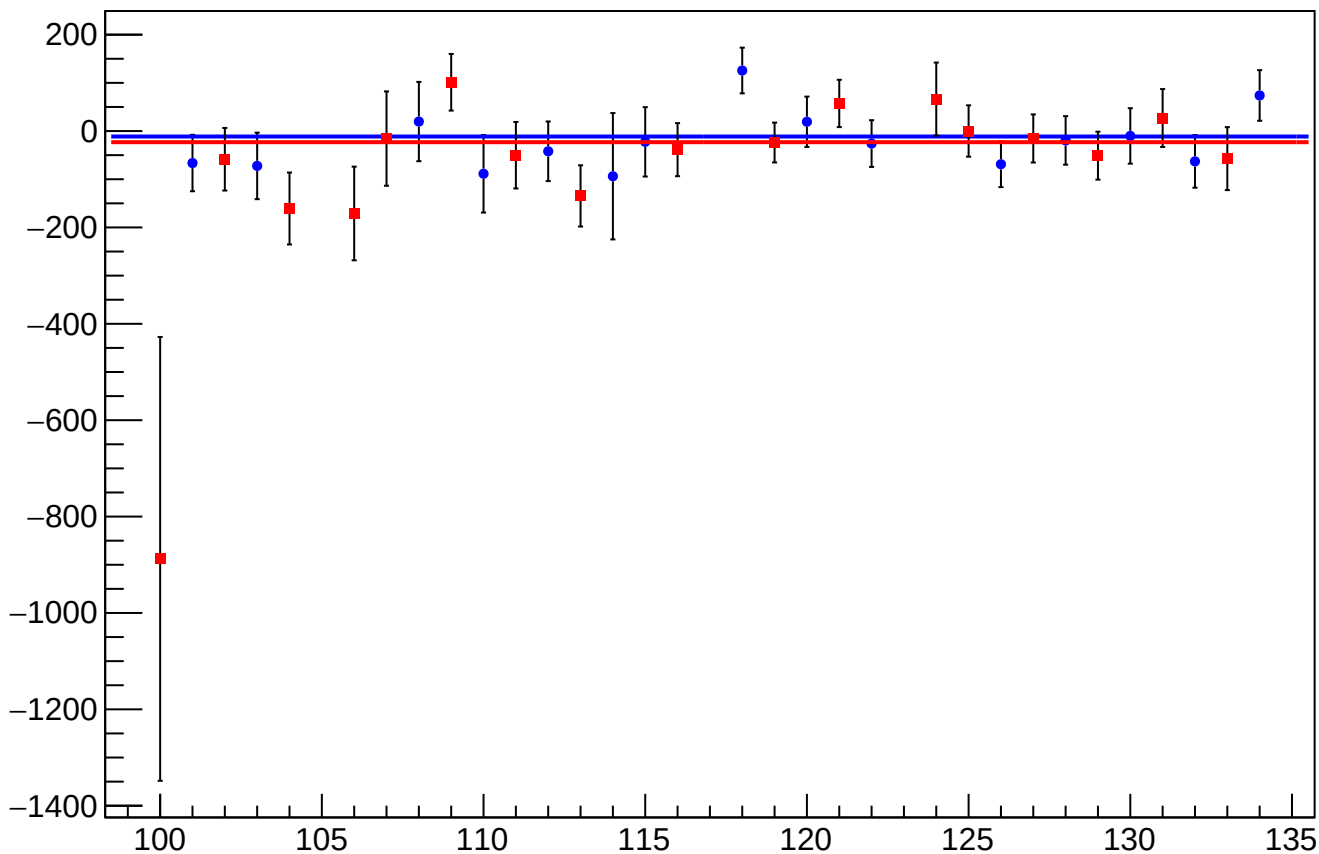
Right: 415.761+/-0.083 χ^2/NDF : 1008159.0/31

In: 406.943+/-0.118 χ^2/NDF : 554073.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.761+/-0.083 χ^2/NDF : 1008159.0/31

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -11.316 ± 15.091 χ^2/NDF : 17.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.110 ± 14.820 χ^2/NDF : 22.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

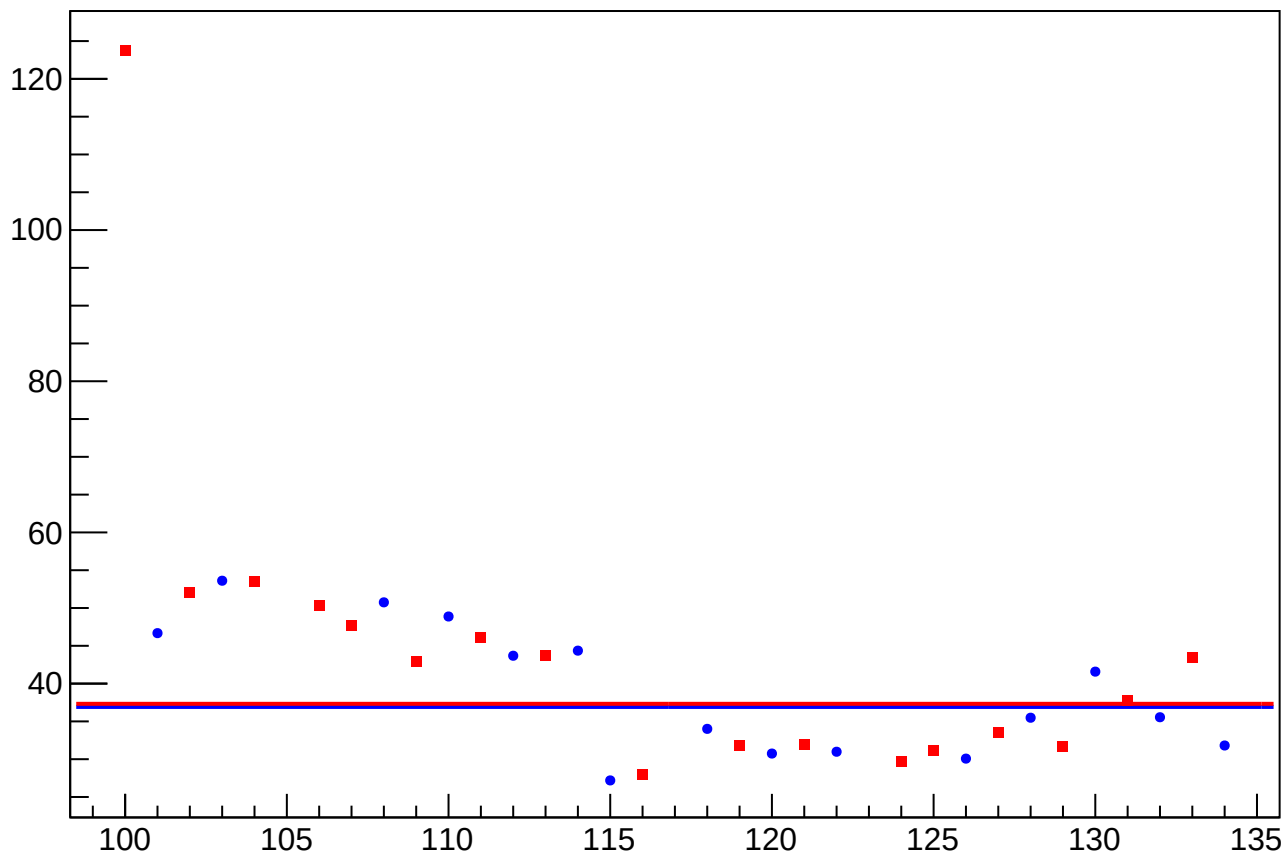
Right: -17.320 ± 10.574 χ^2/NDF : 40.4/31

In: -11.316 ± 15.091 χ^2/NDF : 17.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.320 ± 10.574 χ^2/NDF : 40.4/31

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 36.914+/-0.011 χ^2/NDF : 482024.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.325+/-0.010 χ^2/NDF : 614673.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

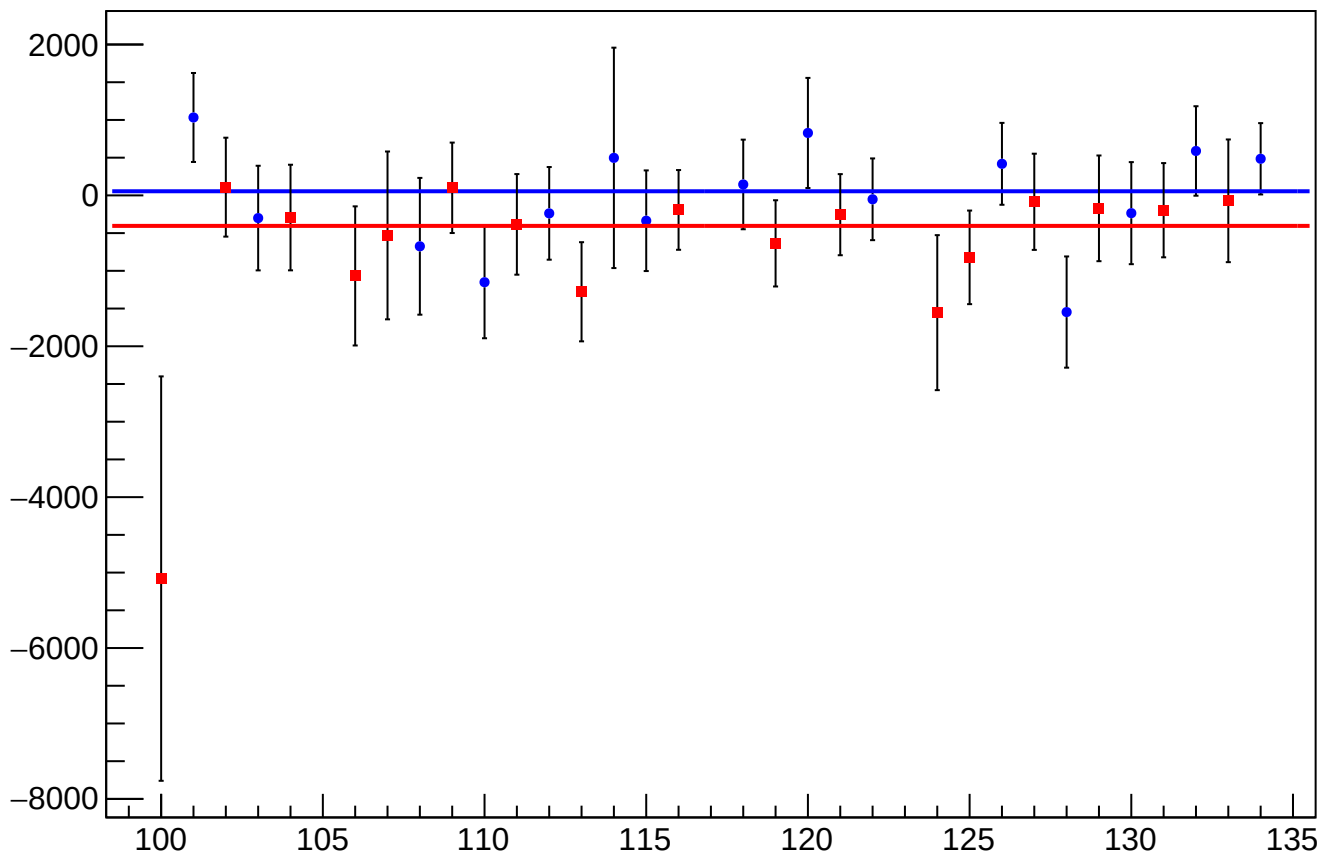
Right: 37.123+/-0.007 χ^2/NDF : 1097455.0/31

In: 36.914+/-0.011 χ^2/NDF : 482024.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.123+/-0.007 χ^2/NDF : 1097455.0/31

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 54.699+/-166.189 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -404.277+/-166.531 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

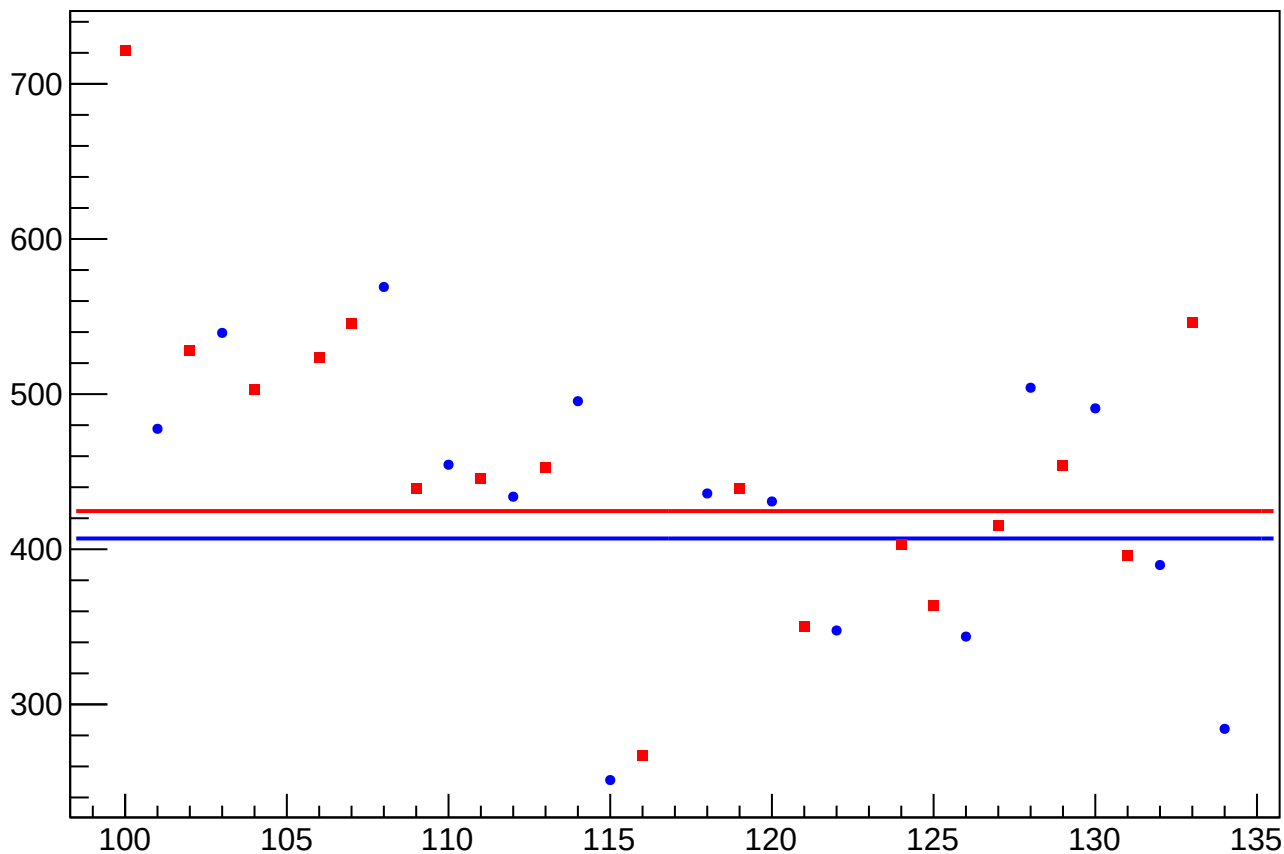
Right: -174.317+/-117.634 χ^2/NDF : 28.4/31

In: 54.699+/-166.189 χ^2/NDF : 15.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.317+/-117.634 χ^2/NDF : 28.4/31

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 406.942 $\pm$ 0.118 χ^2 /NDF: 554063.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 424.614 $\pm$ 0.118 χ^2 /NDF: 442795.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

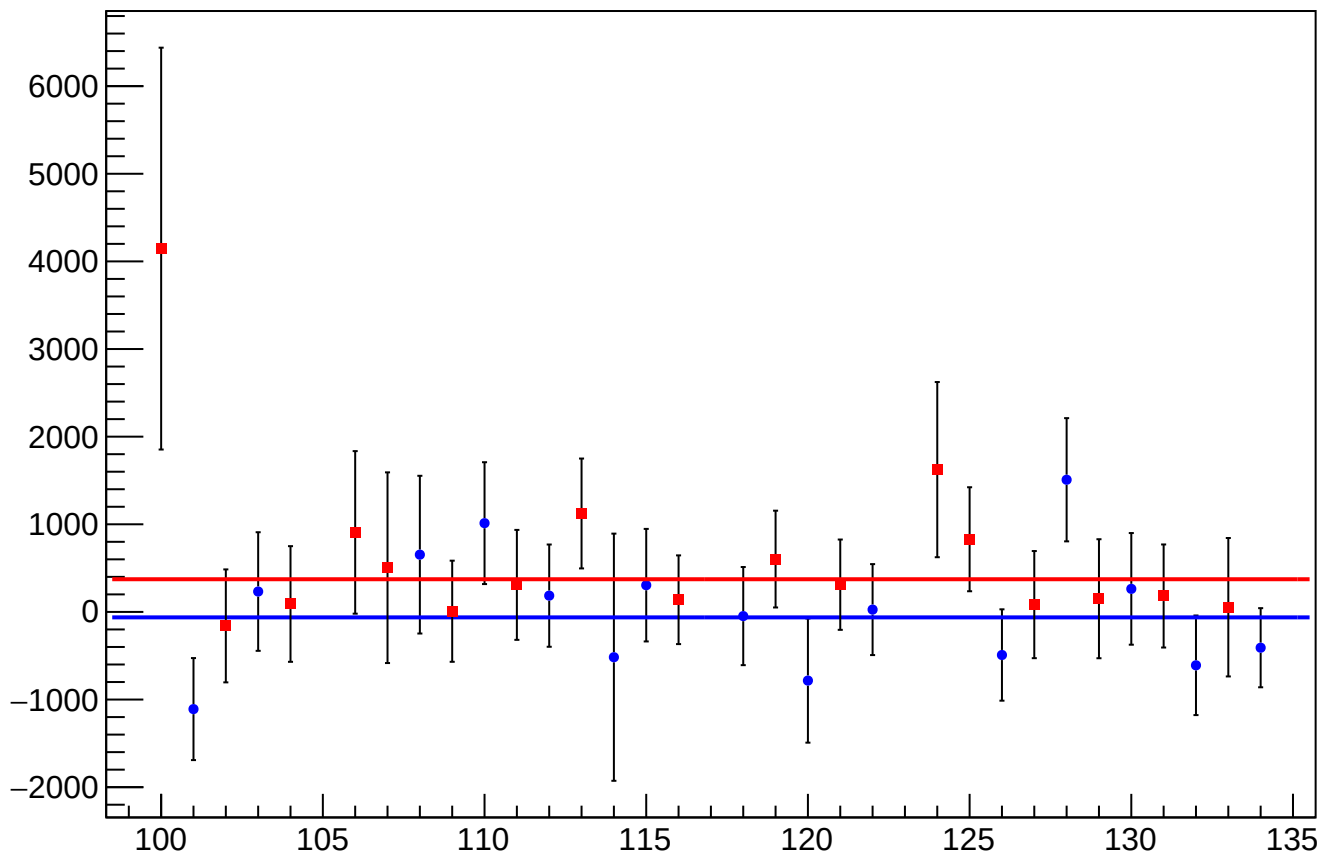
Right: 415.760 $\pm$ 0.083 χ^2 /NDF: 1008142.7/31

In: 406.942 $\pm$ 0.118 χ^2 /NDF:554063.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 415.760 $\pm$ 0.083 χ^2 /NDF: 1008142.7/31

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -62.240+/-159.376 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.983+/-159.888 χ^2/NDF : 8.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

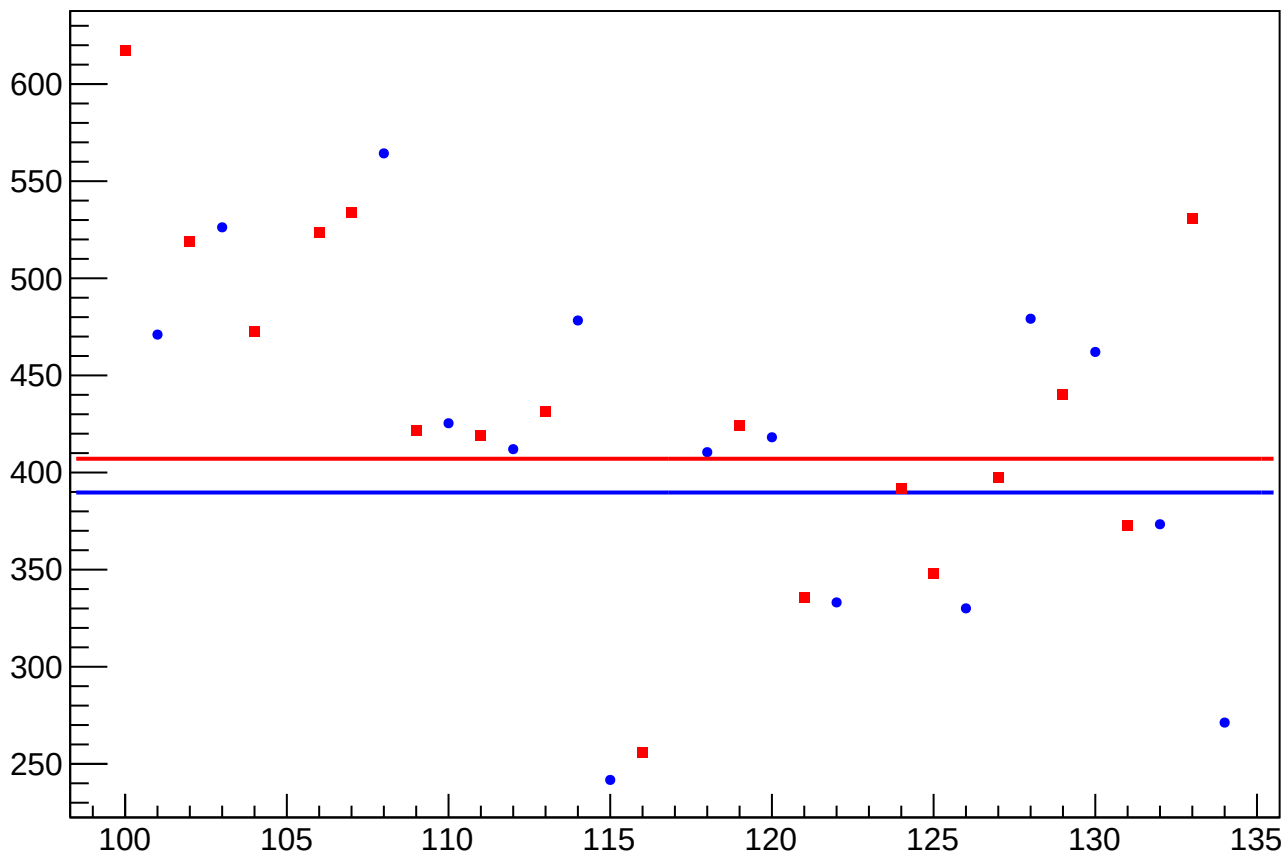
Right: 154.673+/-112.877 χ^2/NDF : 28.2/31

In: -62.240+/-159.376 χ^2/NDF : 15.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.673+/-112.877 χ^2/NDF : 28.2/31

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 389.708+/-0.113 χ^2/NDF : 571447.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.095+/-0.113 χ^2/NDF : 460774.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

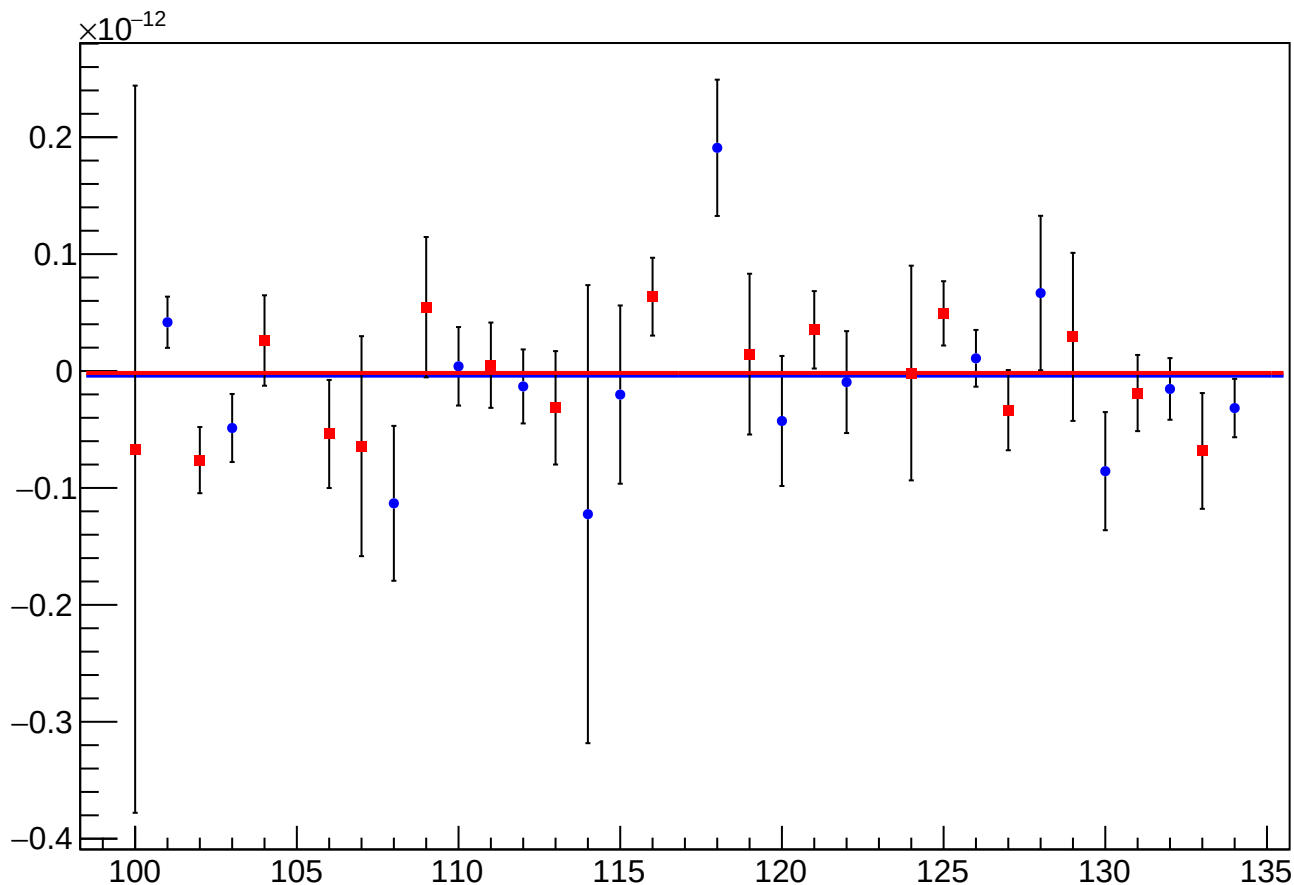
Right: 398.373+/-0.080 χ^2/NDF : 1044085.0/31

In: 389.708+/-0.113 χ^2/NDF : 571447.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.373+/-0.080 χ^2/NDF : 1044085.0/31

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 27.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 22.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

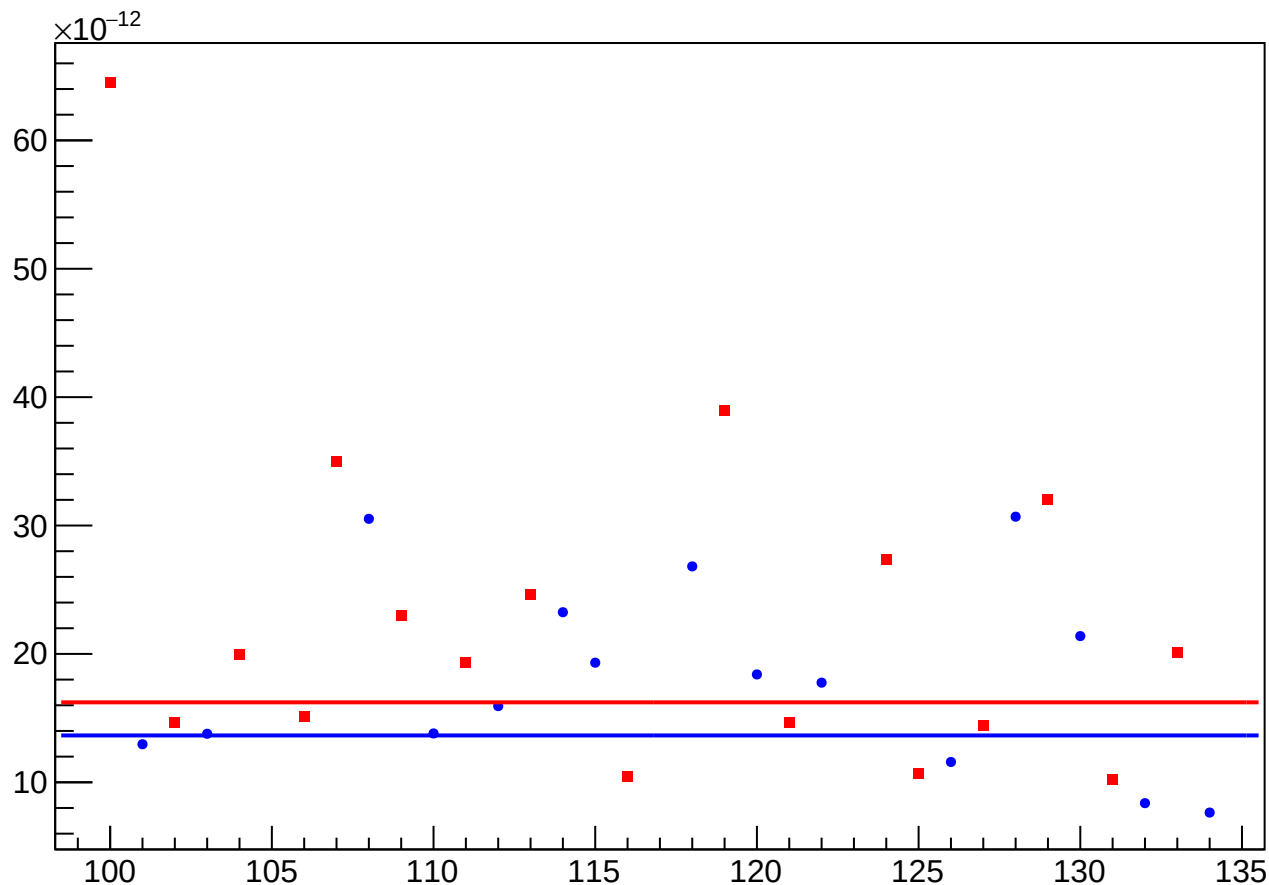
Right: -0.000+/-0.000 χ^2 /NDF: 49.5/31

In: -0.000+/-0.000 χ^2 /NDF:27.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 49.5/31

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 682627.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 830760.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

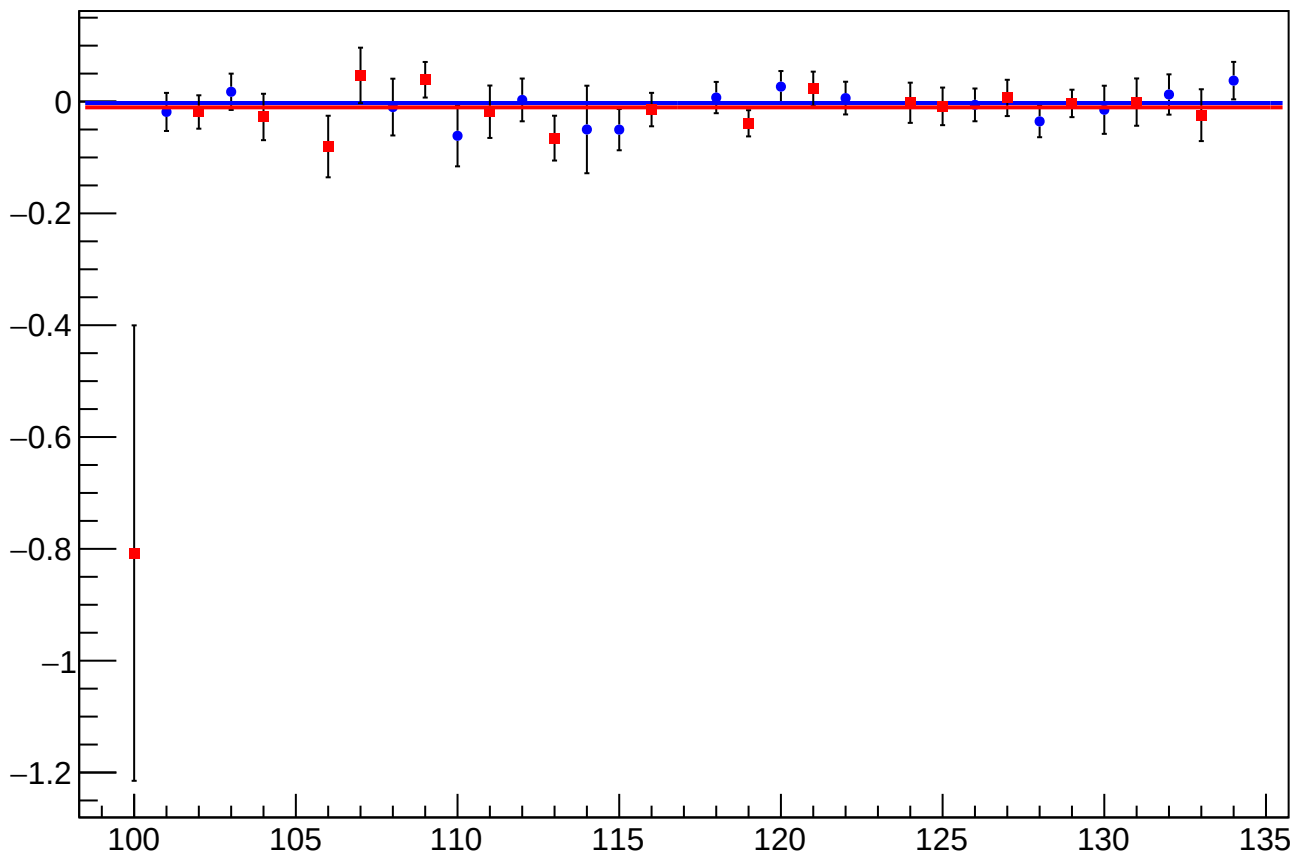
Right: 0.000+/-0.000 χ^2/NDF : 1585423.4/31

In: 0.000+/-0.000 χ^2/NDF : 682627.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1585423.4/31

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.009 χ^2 /NDF: 8.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.009 χ^2 /NDF: 14.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

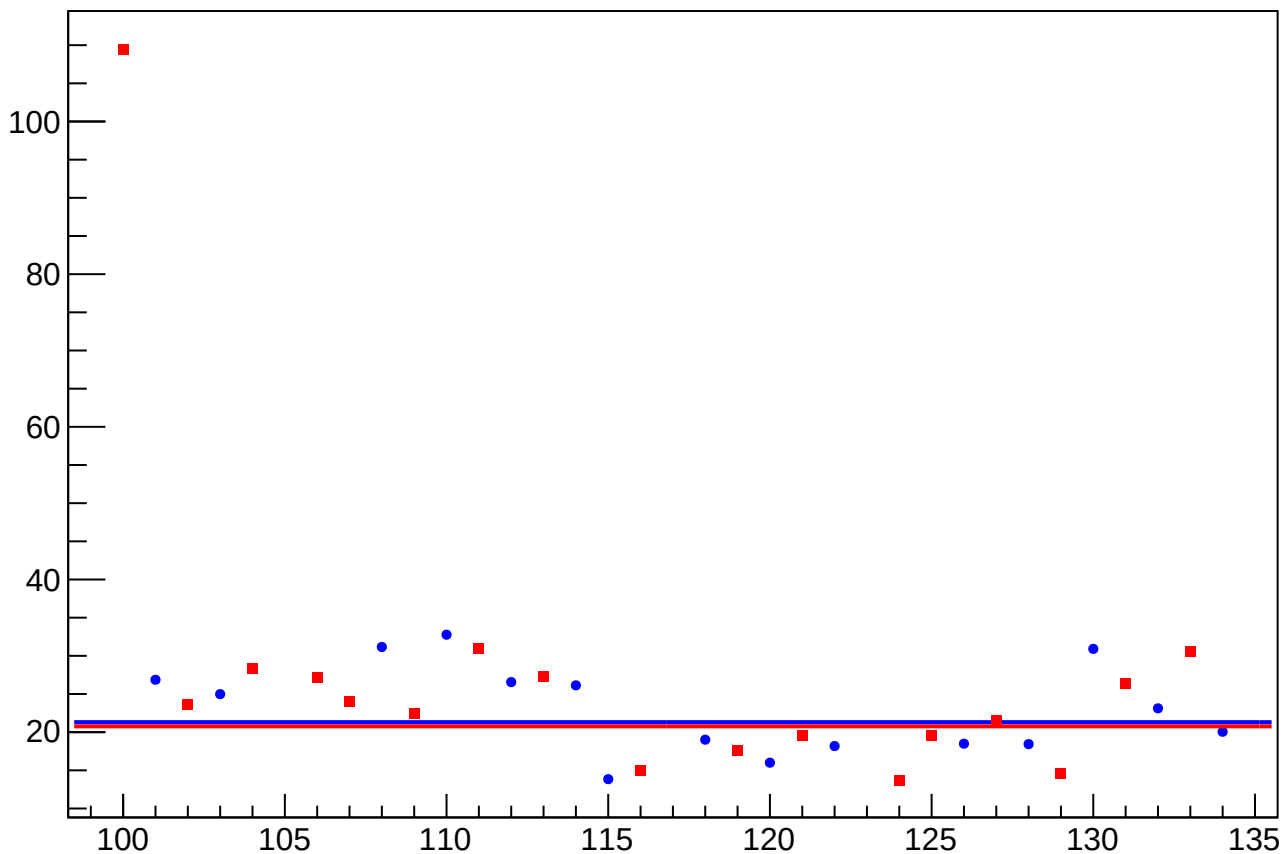
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 23.1/31

In: -0.003 $\pm$ 0.009 χ^2 /NDF:8.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.006 χ^2 /NDF: 23.1/31

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.312+/-0.006 χ^2/NDF : 624576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.763+/-0.006 χ^2/NDF : 817197.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

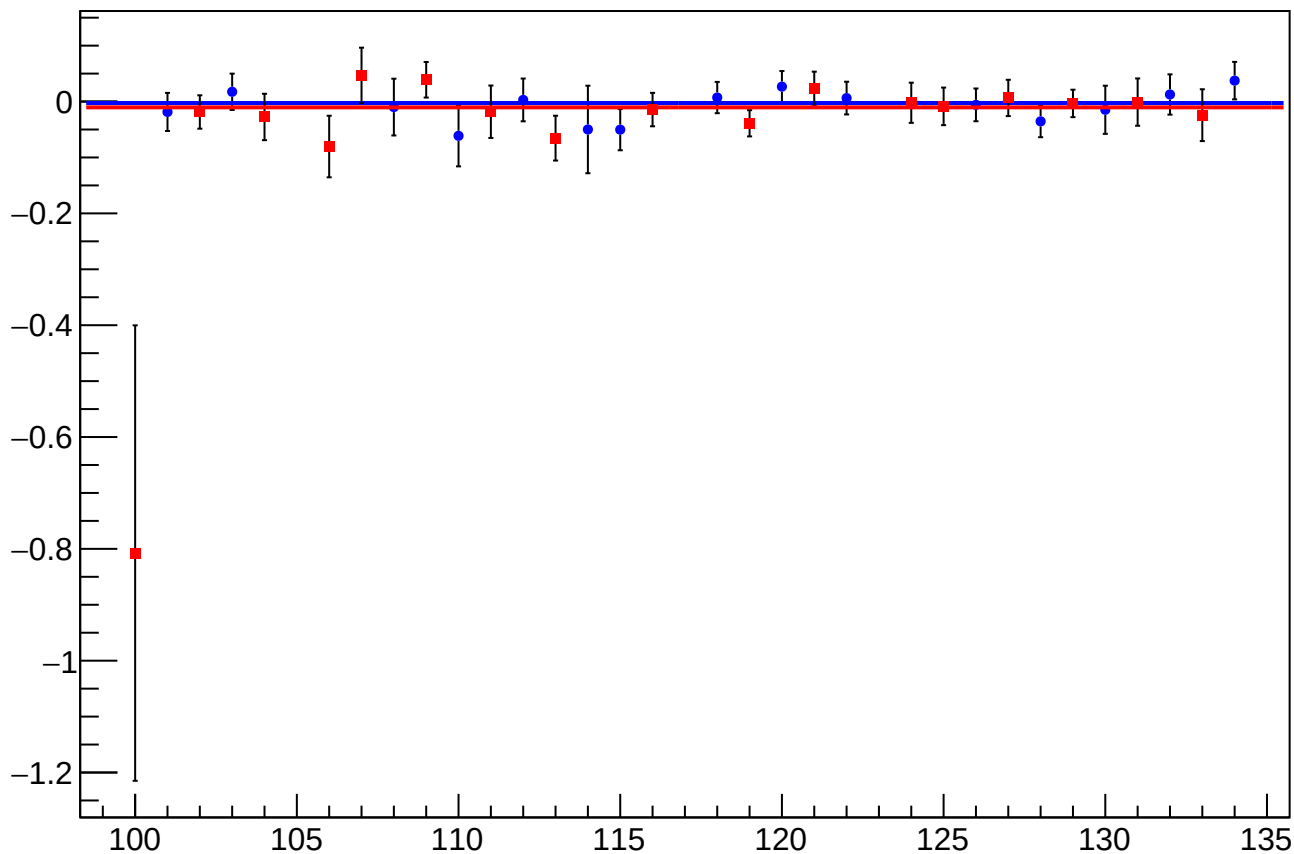
Right: 21.023+/-0.004 χ^2/NDF : 1445712.6/31

In: 21.312+/-0.006 χ^2/NDF : 624576.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.023+/-0.004 χ^2/NDF : 1445712.6/31

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

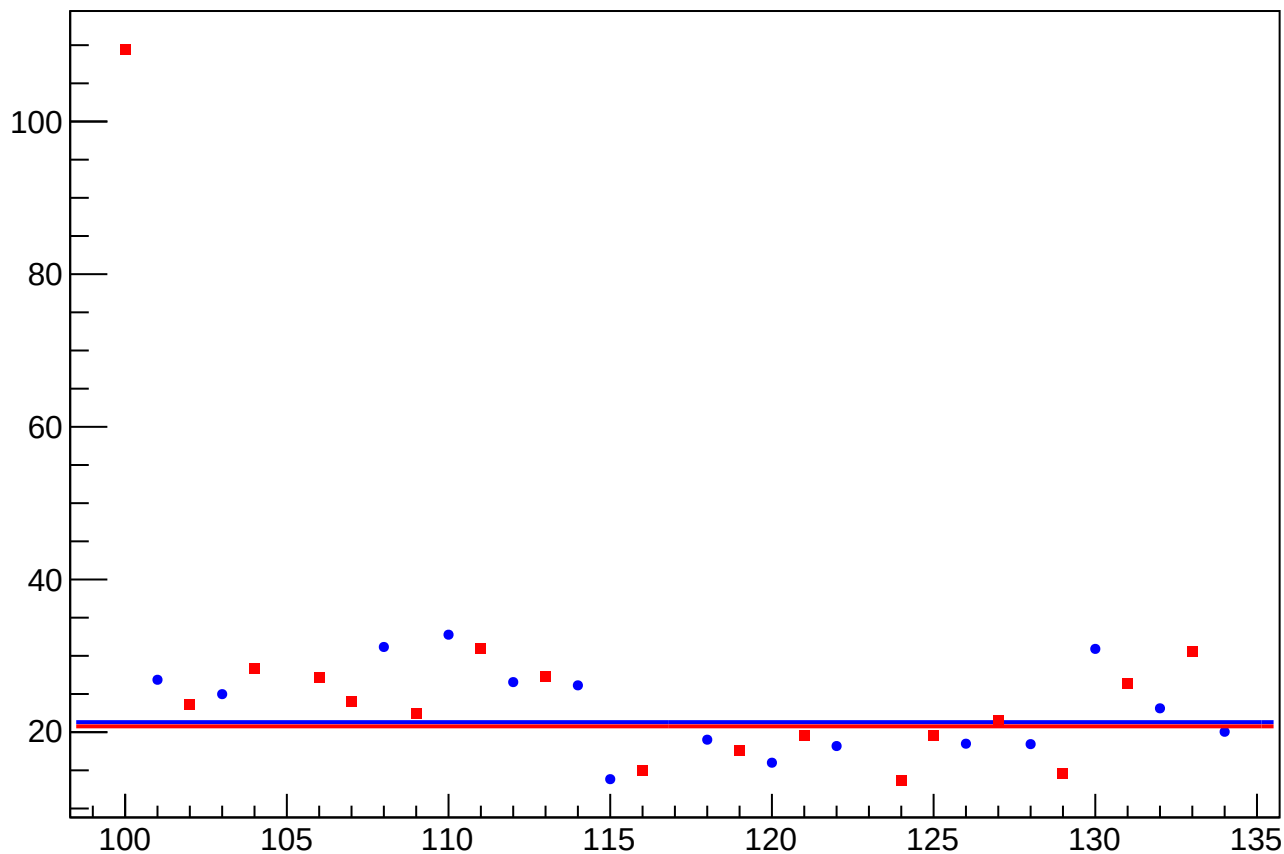
Right: -0.007 ± 0.006 χ^2/NDF : 23.1/31

In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.006 χ^2/NDF : 23.1/31

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.312+/-0.006 χ^2/NDF : 624576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.763+/-0.006 χ^2/NDF : 817197.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

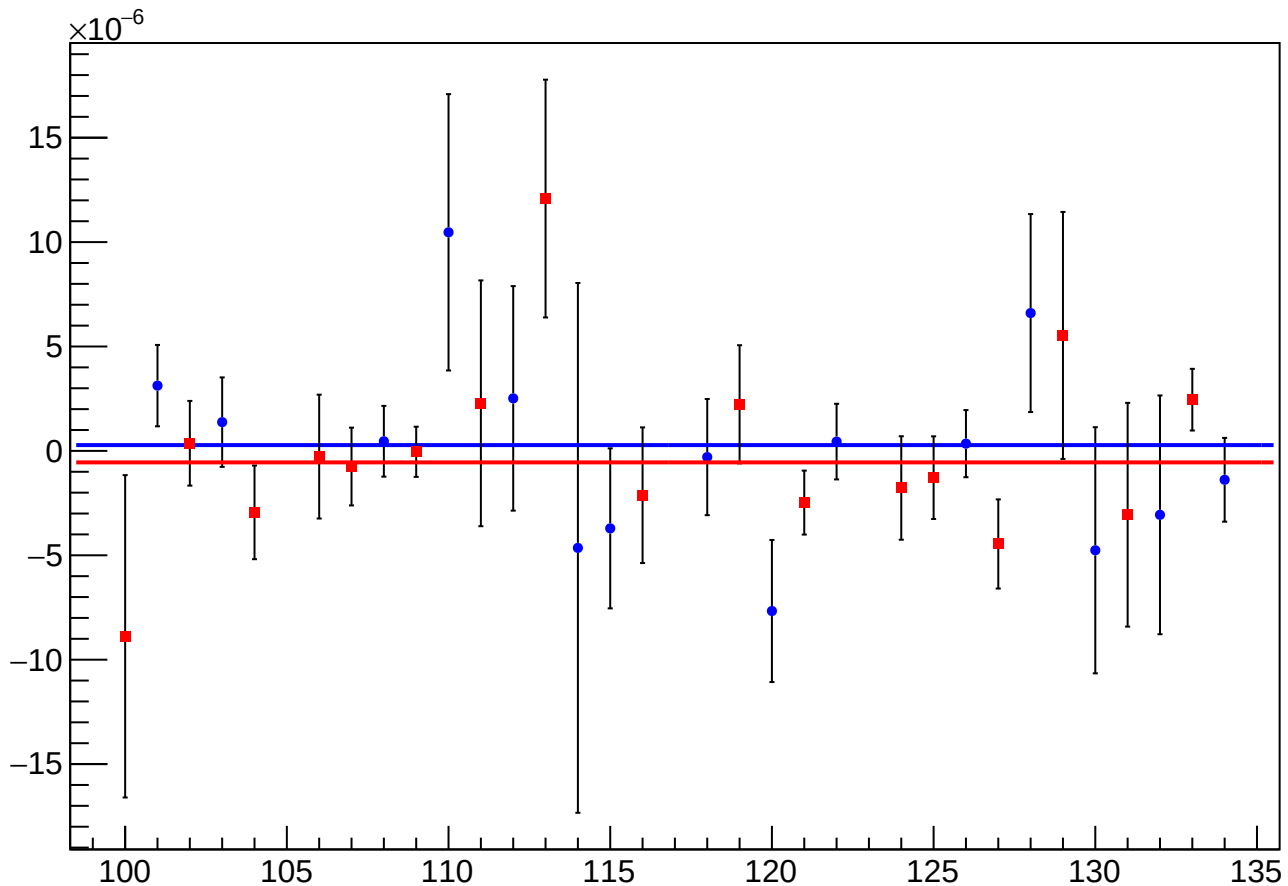
Right: 21.023+/-0.004 χ^2/NDF : 1445712.6/31

In: 21.312+/-0.006 χ^2/NDF :624576.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.023+/-0.004 χ^2/NDF : 1445712.6/31

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 15.2/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 19.8/16

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

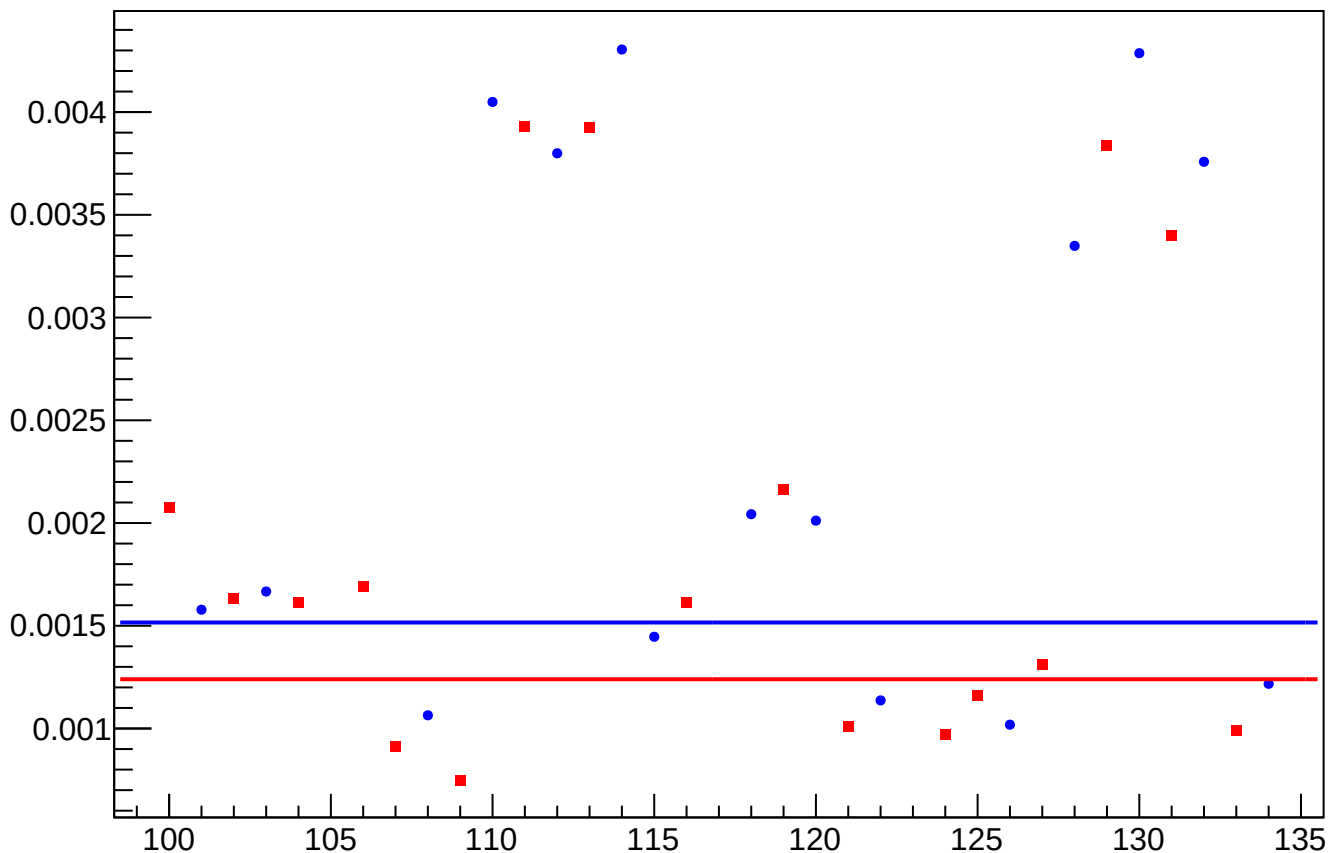
Right: -0.000 +/- 0.000 χ^2/NDF : 35.9/31

In: 0.000 +/- 0.000 χ^2/NDF : 15.2/14

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 35.9/31

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 2390812.7/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 2541196.3/16

Left 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 : 5137282.2/31

In: 0.002+/-0.000

χ^2/NDF : 2390812.7/14

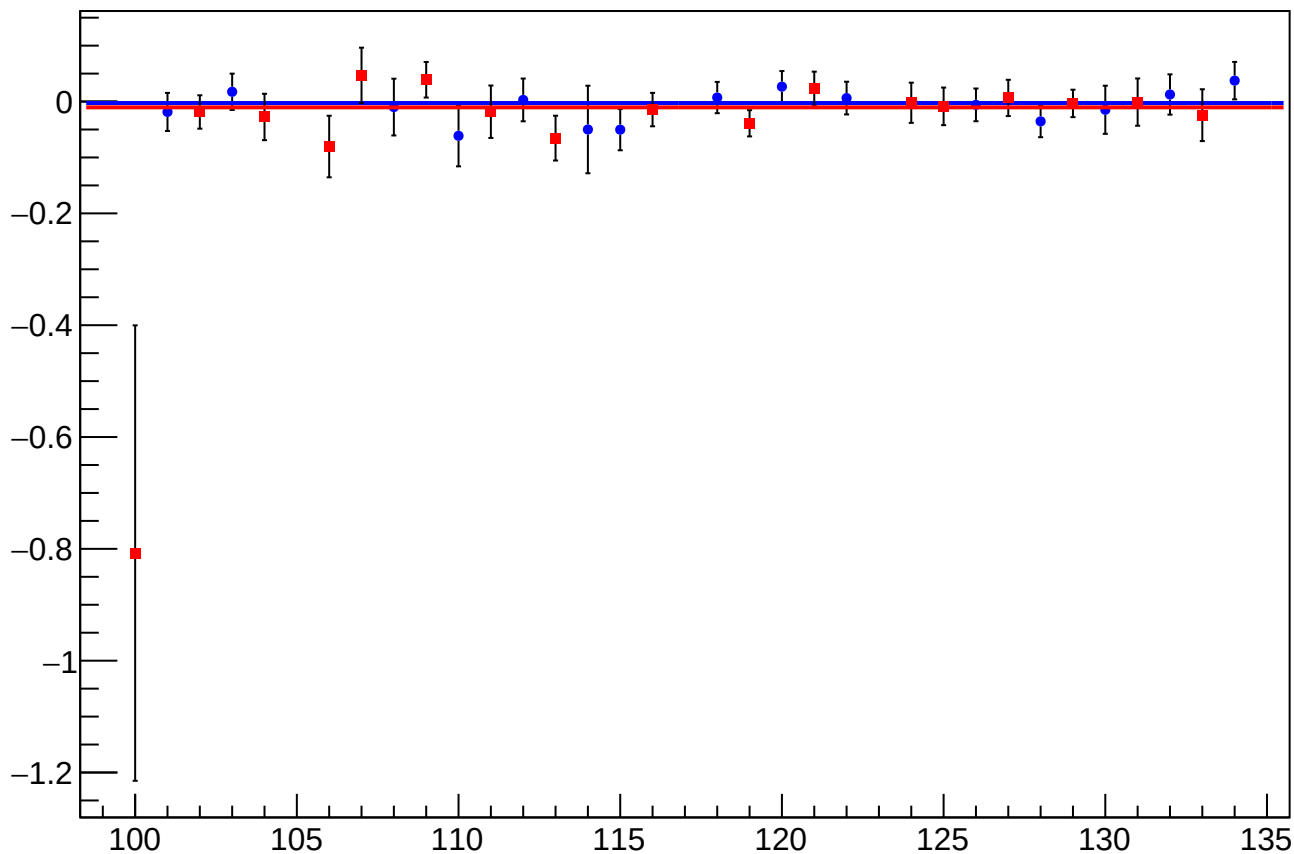
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 5137282.2/31

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

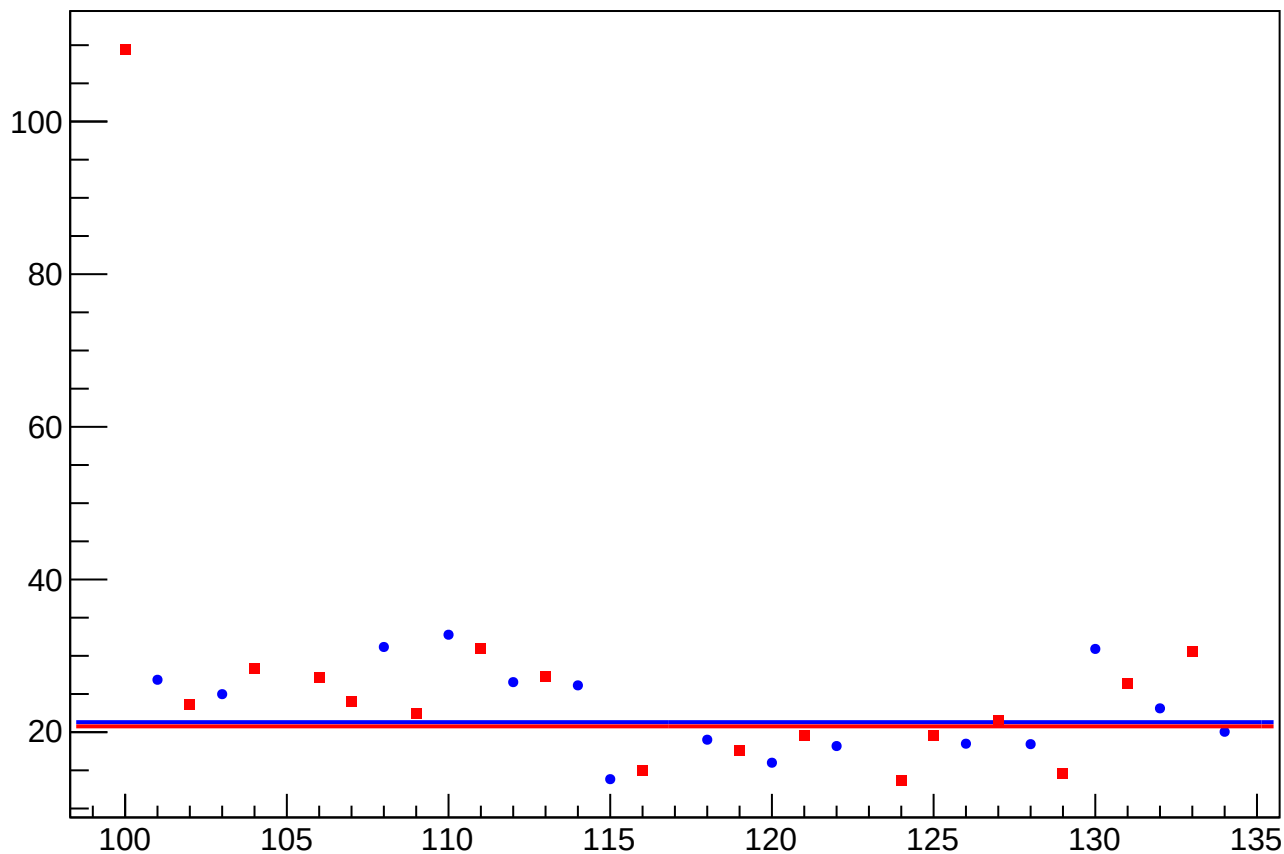
Right: -0.007 ± 0.006 χ^2/NDF : 23.1/31

In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.006 χ^2/NDF : 23.1/31

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.311+/-0.006 χ^2/NDF : 624475.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.762+/-0.006 χ^2/NDF : 817228.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

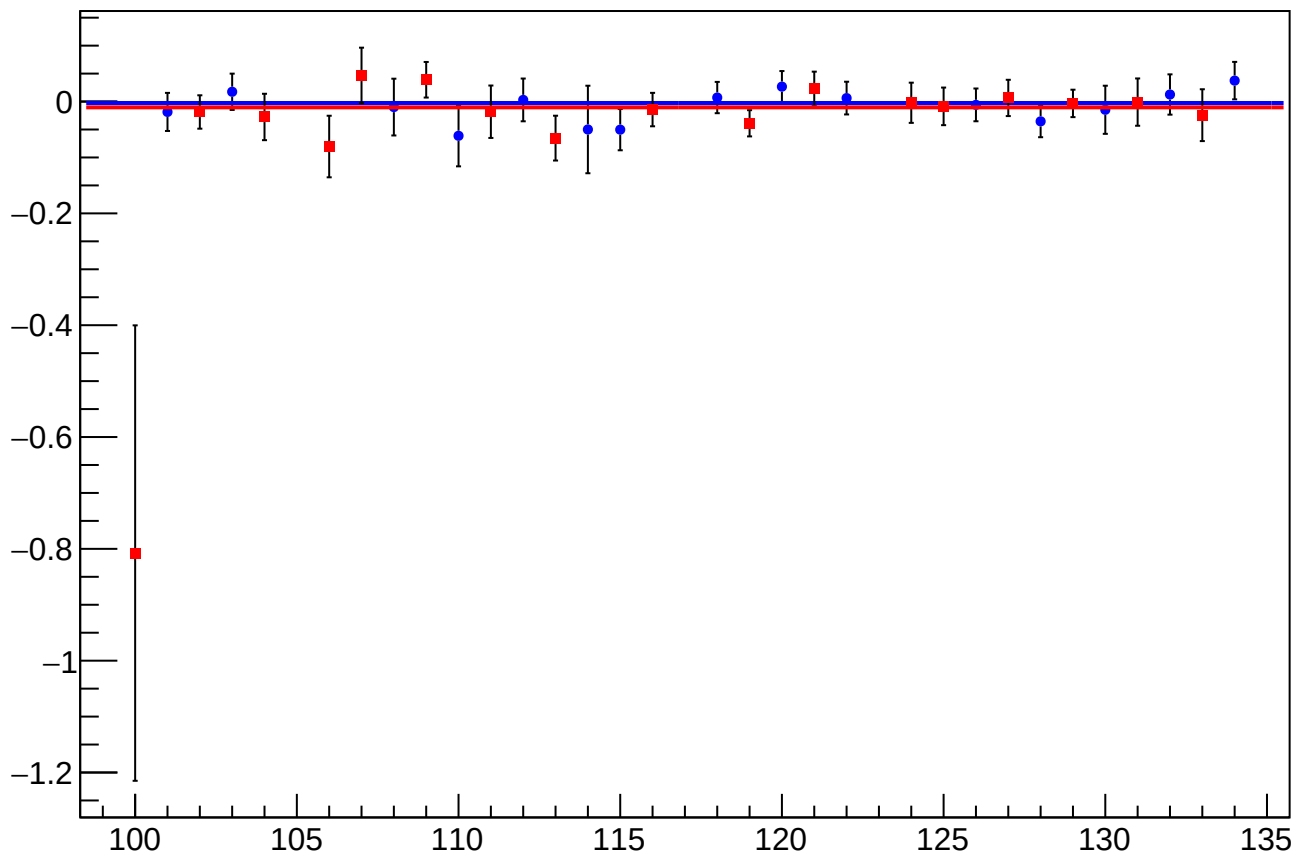
Right: 21.022+/-0.004 χ^2/NDF : 1445645.6/31

In: 21.311+/-0.006 χ^2/NDF :624475.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.022+/-0.004 χ^2/NDF : 1445645.6/31

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

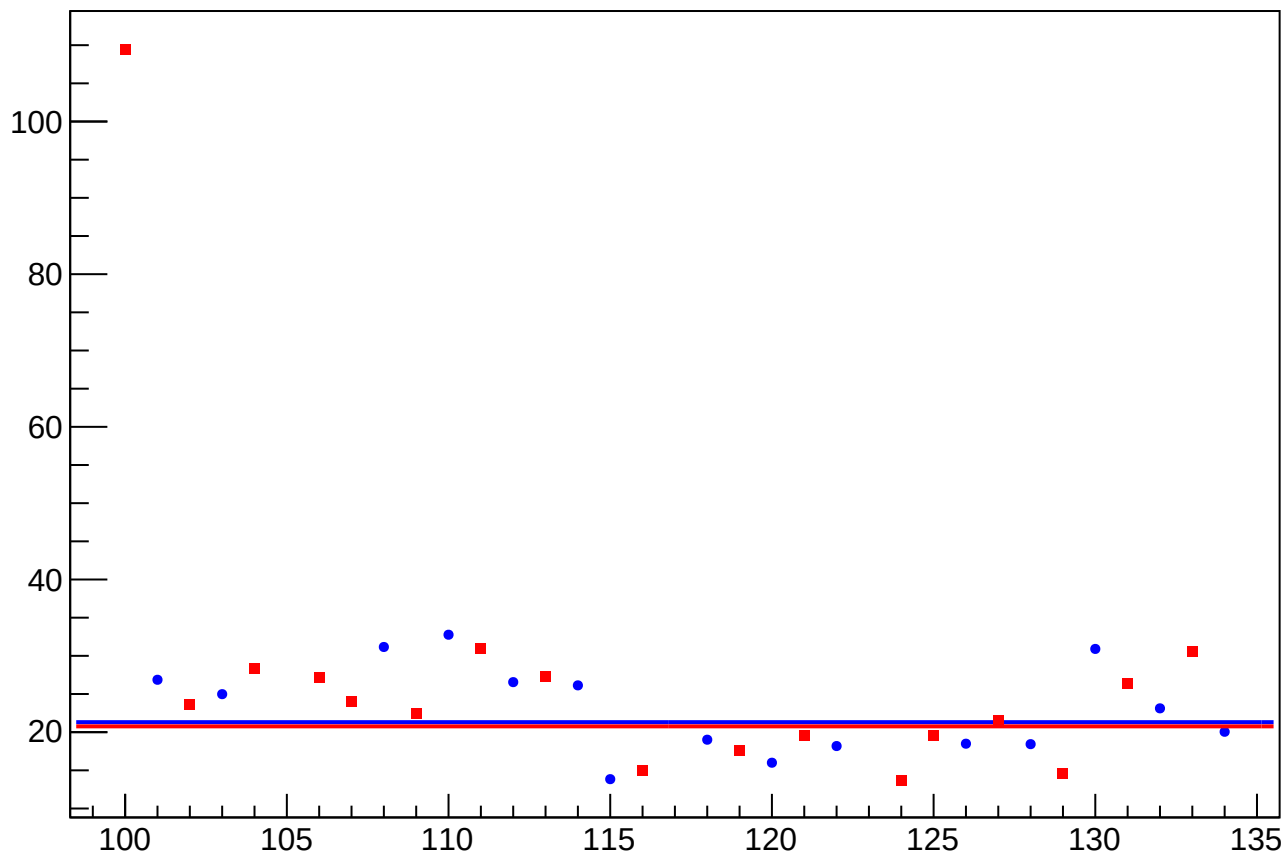
Right: -0.007 ± 0.006 χ^2/NDF : 23.1/31

In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.006 χ^2/NDF : 23.1/31

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.311+/-0.006 χ^2/NDF : 624475.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.762+/-0.006 χ^2/NDF : 817228.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

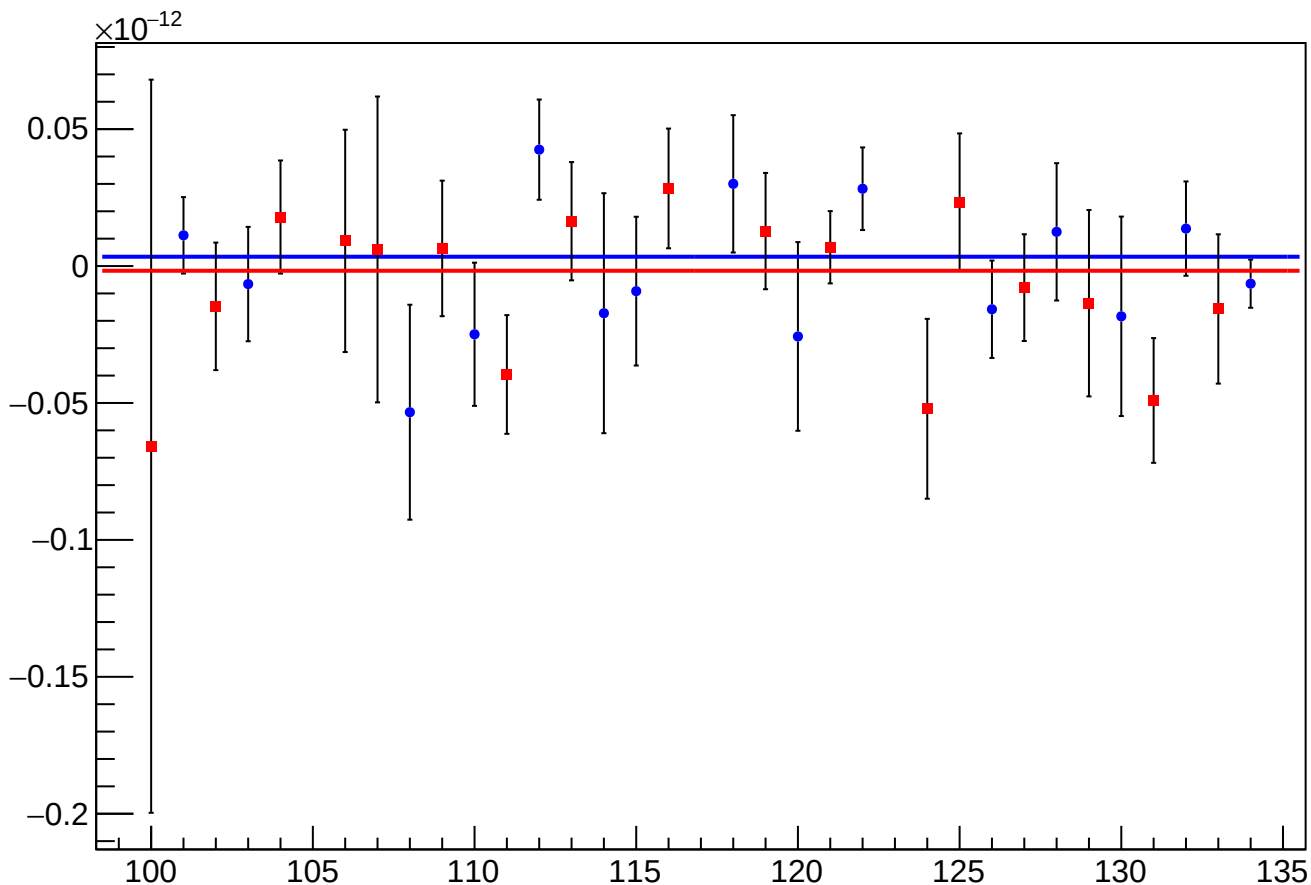
Right: 21.022+/-0.004 χ^2/NDF : 1445645.6/31

In: 21.311+/-0.006 χ^2/NDF :624475.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.022+/-0.004 χ^2/NDF : 1445645.6/31

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

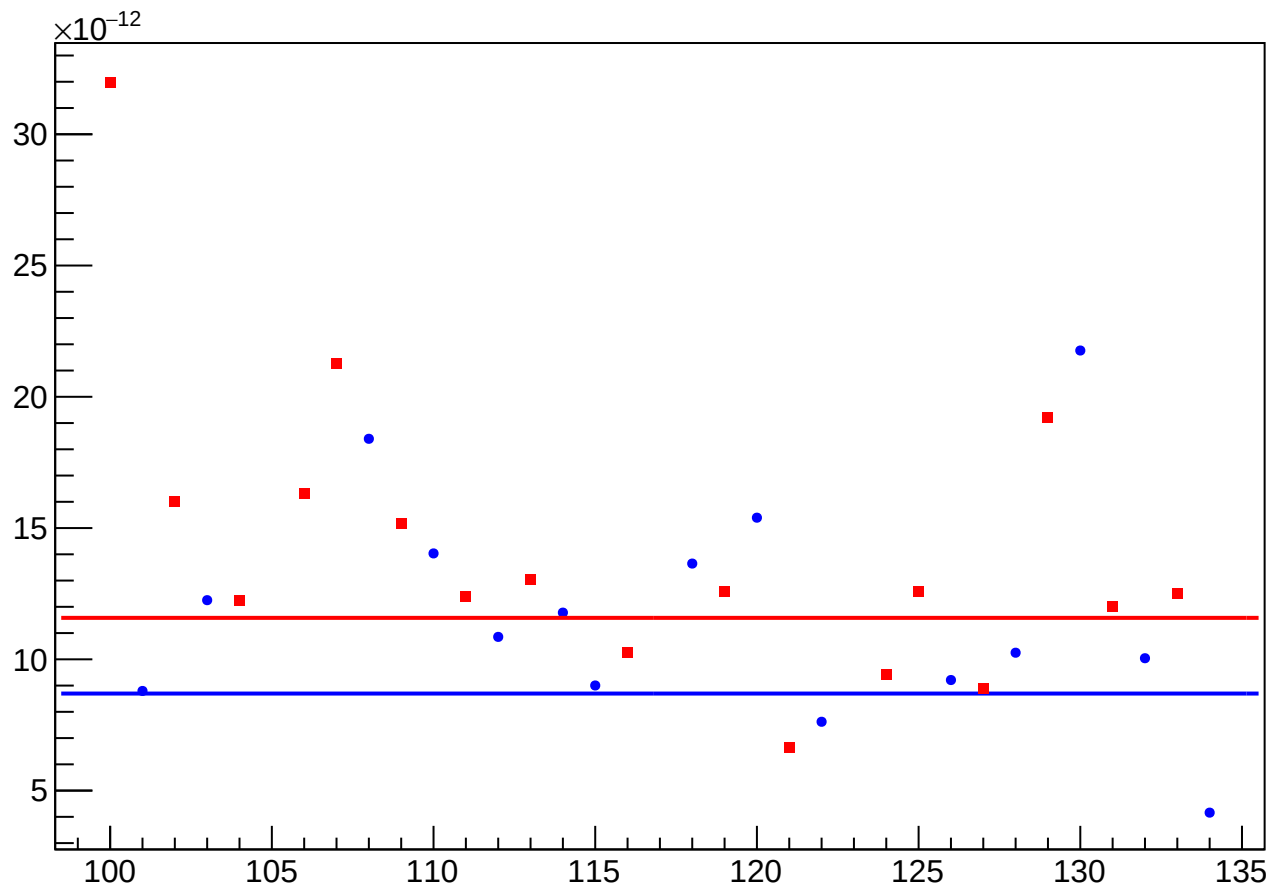
Right: 0.000+/-0.000 χ^2/NDF : 33.4/31

In: 0.000+/-0.000 χ^2/NDF : 16.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.4/31

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1275570.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 707087.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

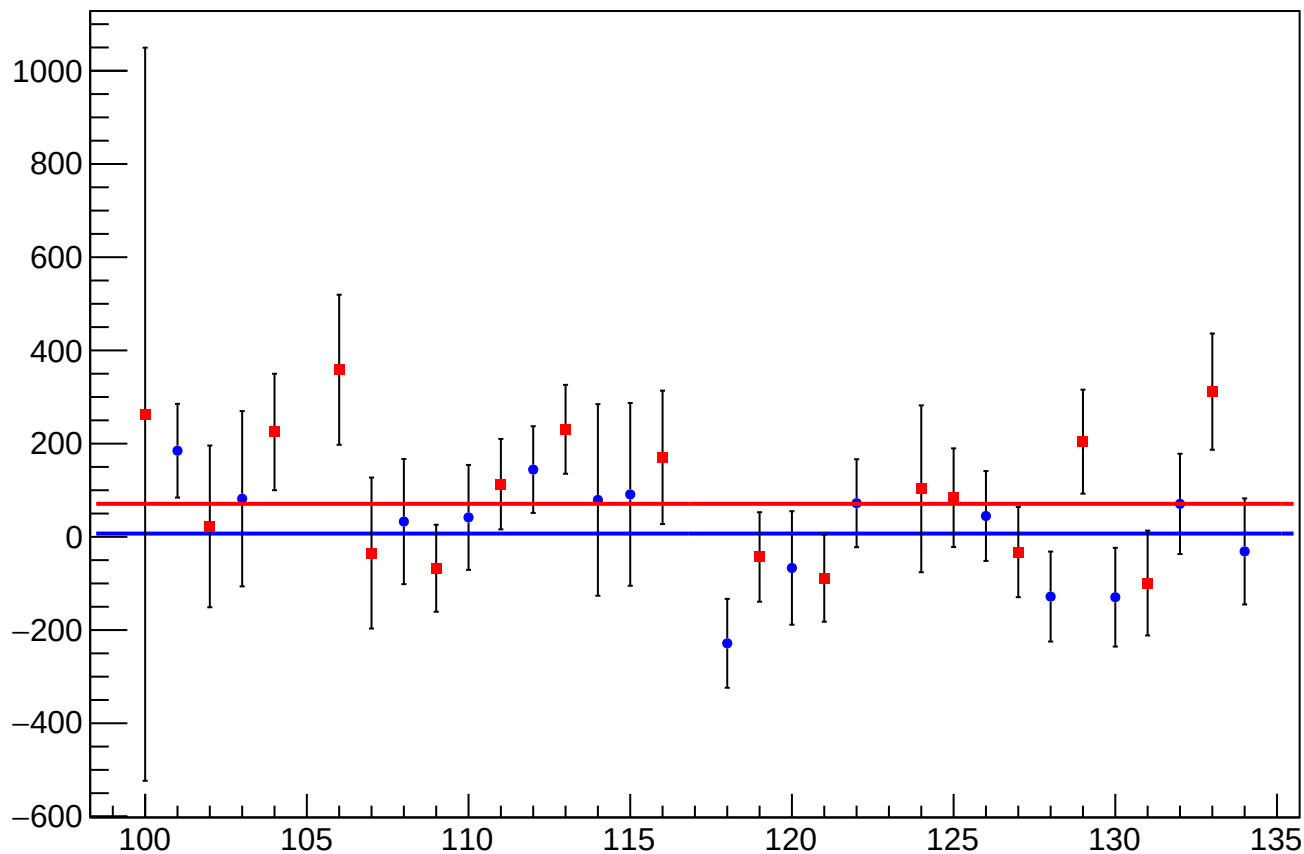
Right: 0.000+/-0.000 χ^2/NDF : 2278903.3/31

In: 0.000+/-0.000 χ^2/NDF : 1275570.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2278903.3/31

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 7.026+/-29.056 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.860+/-28.526 χ^2/NDF : 23.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

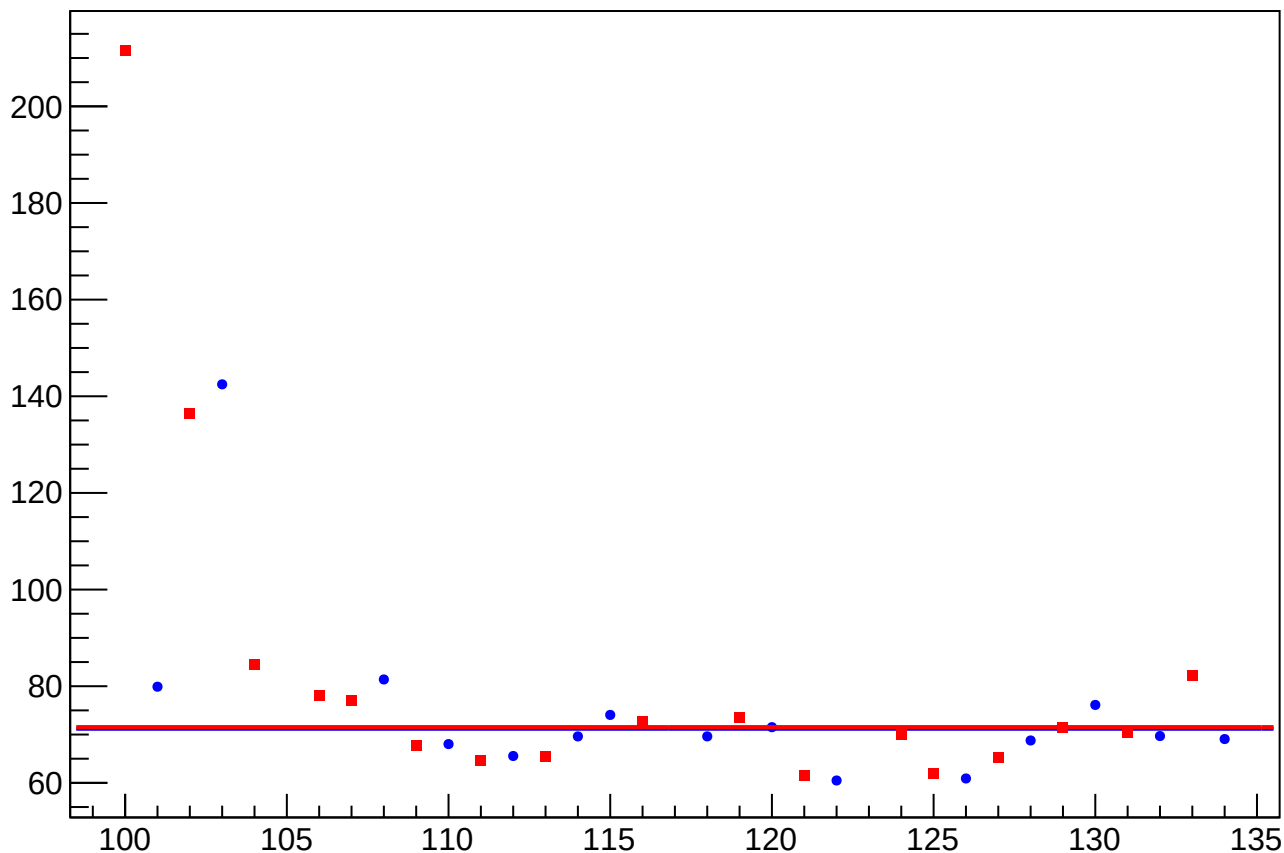
Right: 39.531+/-20.356 χ^2/NDF : 43.4/31

In: 7.026+/-29.056 χ^2/NDF : 17.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.531+/-20.356 χ^2/NDF : 43.4/31

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.198+/-0.021 χ^2/NDF : 379123.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.546+/-0.020 χ^2/NDF : 455529.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

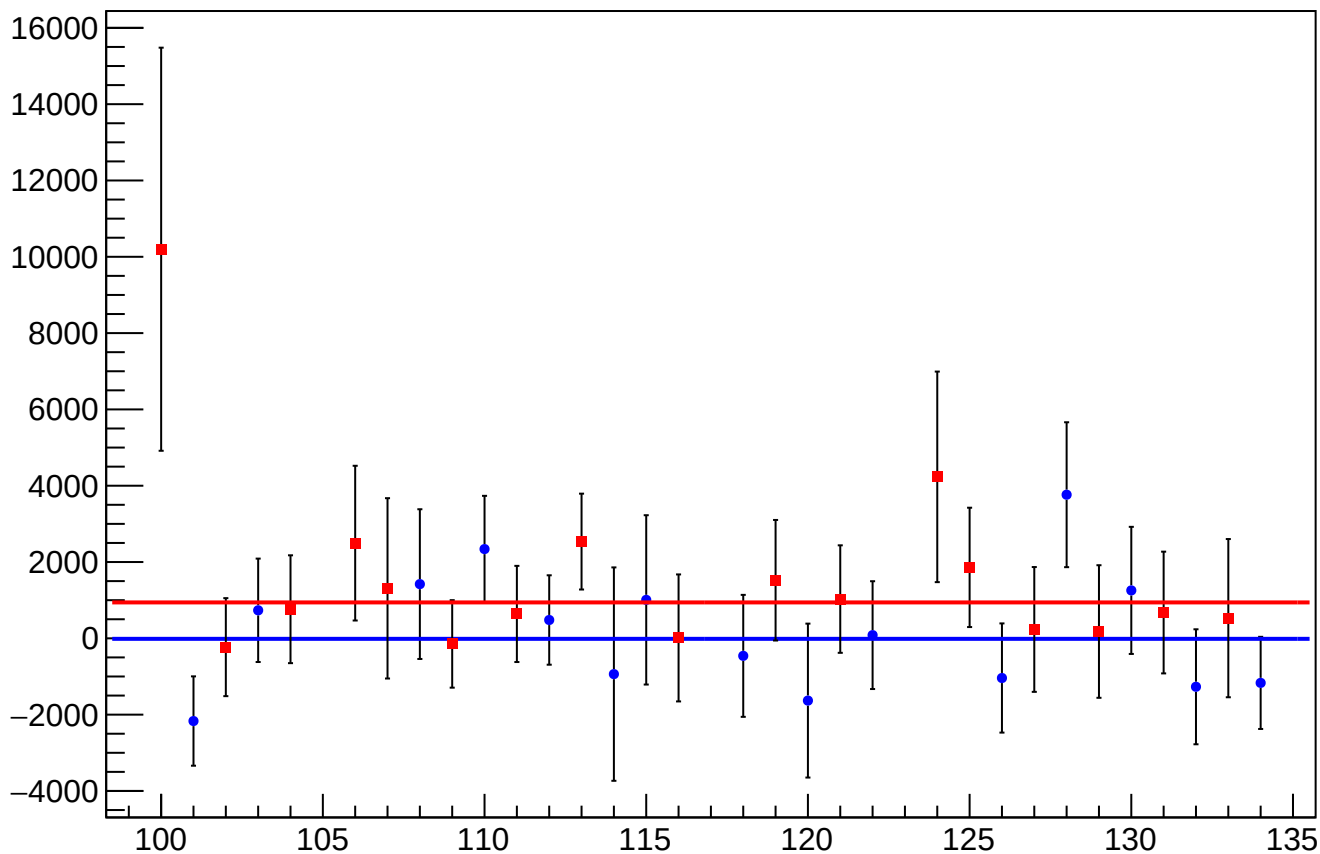
Right: 71.375+/-0.014 χ^2/NDF : 834799.1/31

In: 71.198+/-0.021 χ^2/NDF : 379123.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.375+/-0.014 χ^2/NDF : 834799.1/31

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -13.110+/-392.302 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 941.357+/-385.613 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

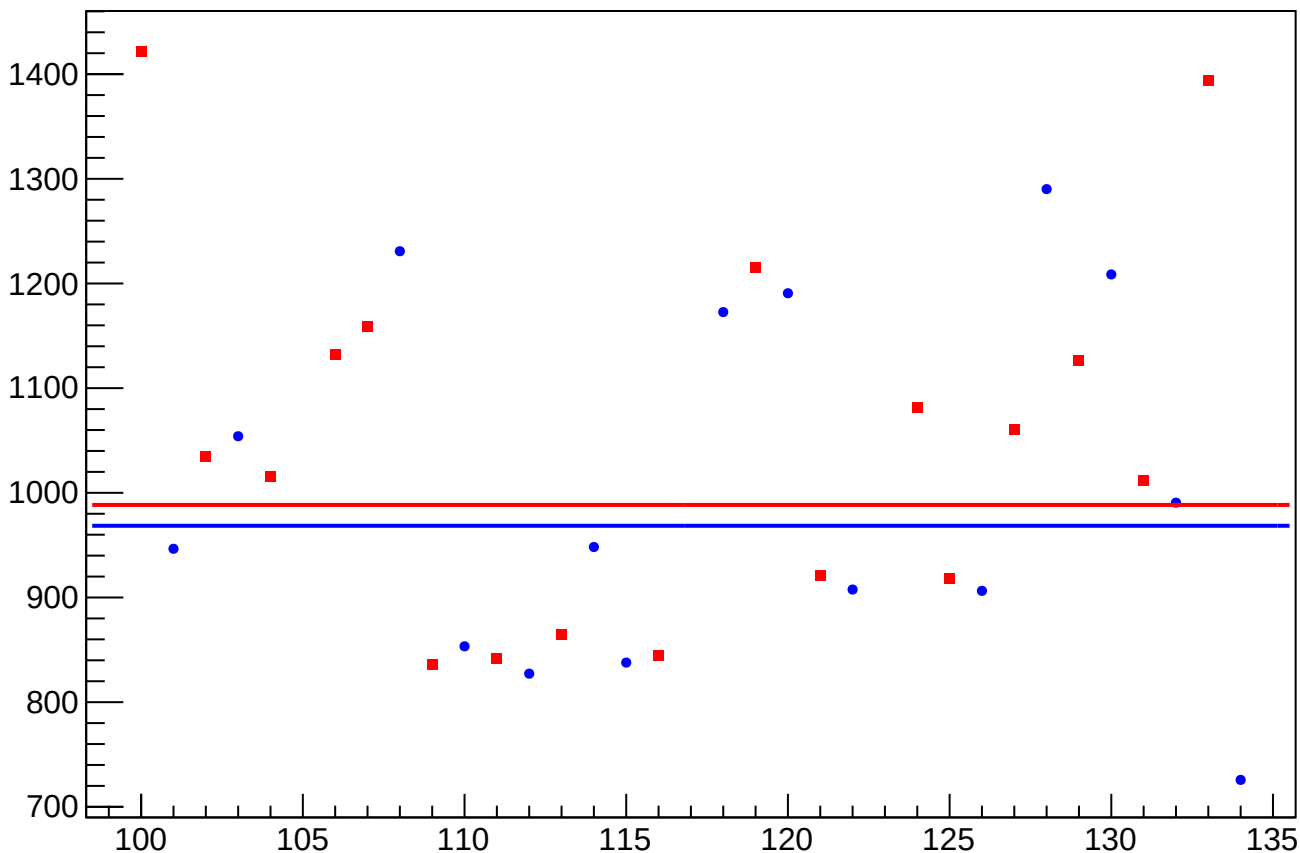
Right: 472.330+/-275.004 χ^2/NDF : 27.7/31

In: -13.110+/-392.302 χ^2/NDF :15.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 472.330+/-275.004 χ^2/NDF : 27.7/31

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 968.527+/-0.277 χ^2/NDF : 338782.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.452+/-0.273 χ^2/NDF : 279914.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

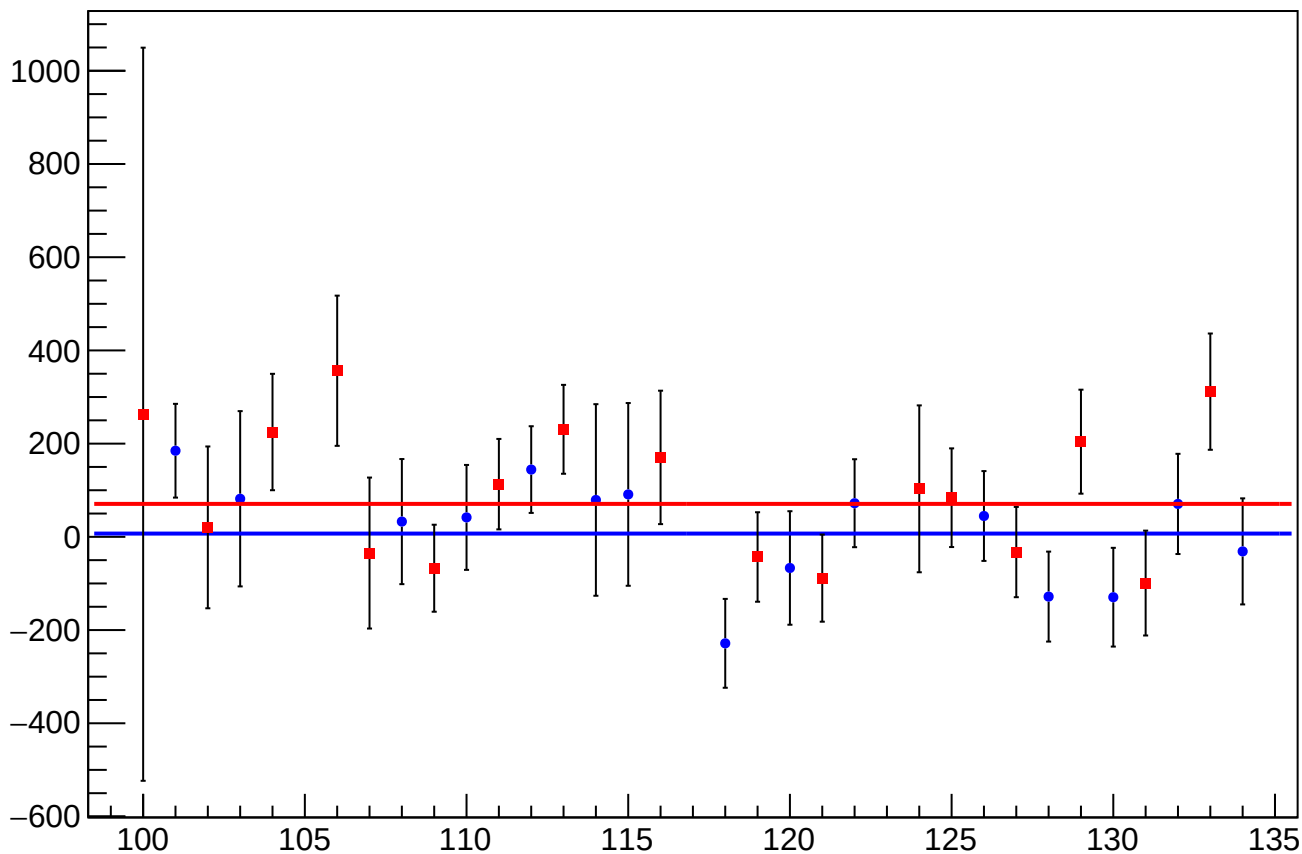
Right: 978.661+/-0.194 χ^2/NDF : 621320.8/31

In: 968.527+/-0.277 χ^2/NDF : 338782.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.661+/-0.194 χ^2/NDF : 621320.8/31

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 7.018 $\pm$ 29.056 χ^2 /NDF: 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.715 $\pm$ 28.527 χ^2 /NDF: 23.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

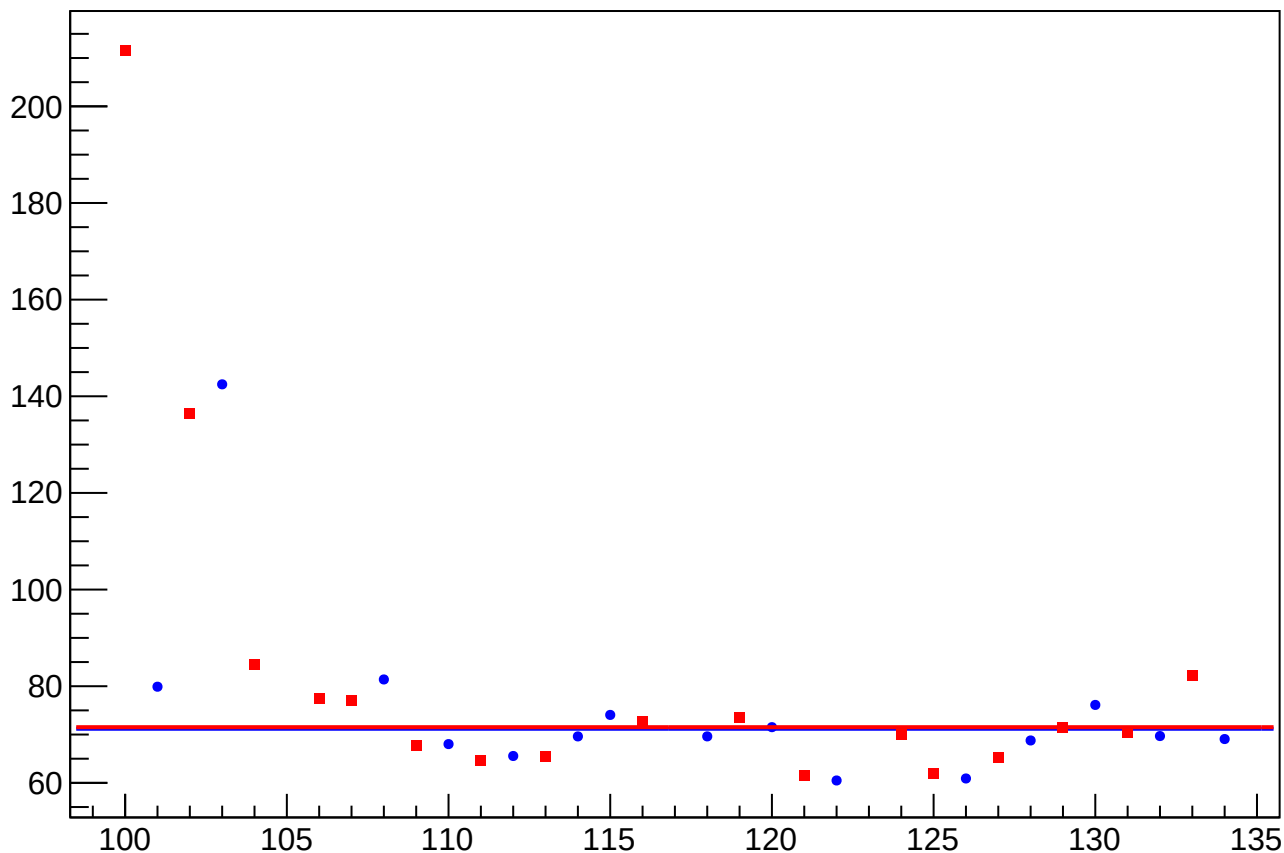
Right: 39.451 $\pm$ 20.356 χ^2 /NDF: 43.4/31

In: 7.018 $\pm$ 29.056 χ^2 /NDF:17.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.451 $\pm$ 20.356 χ^2 /NDF: 43.4/31

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.198+/-0.021 χ^2/NDF : 379126.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.524+/-0.020 χ^2/NDF : 455126.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

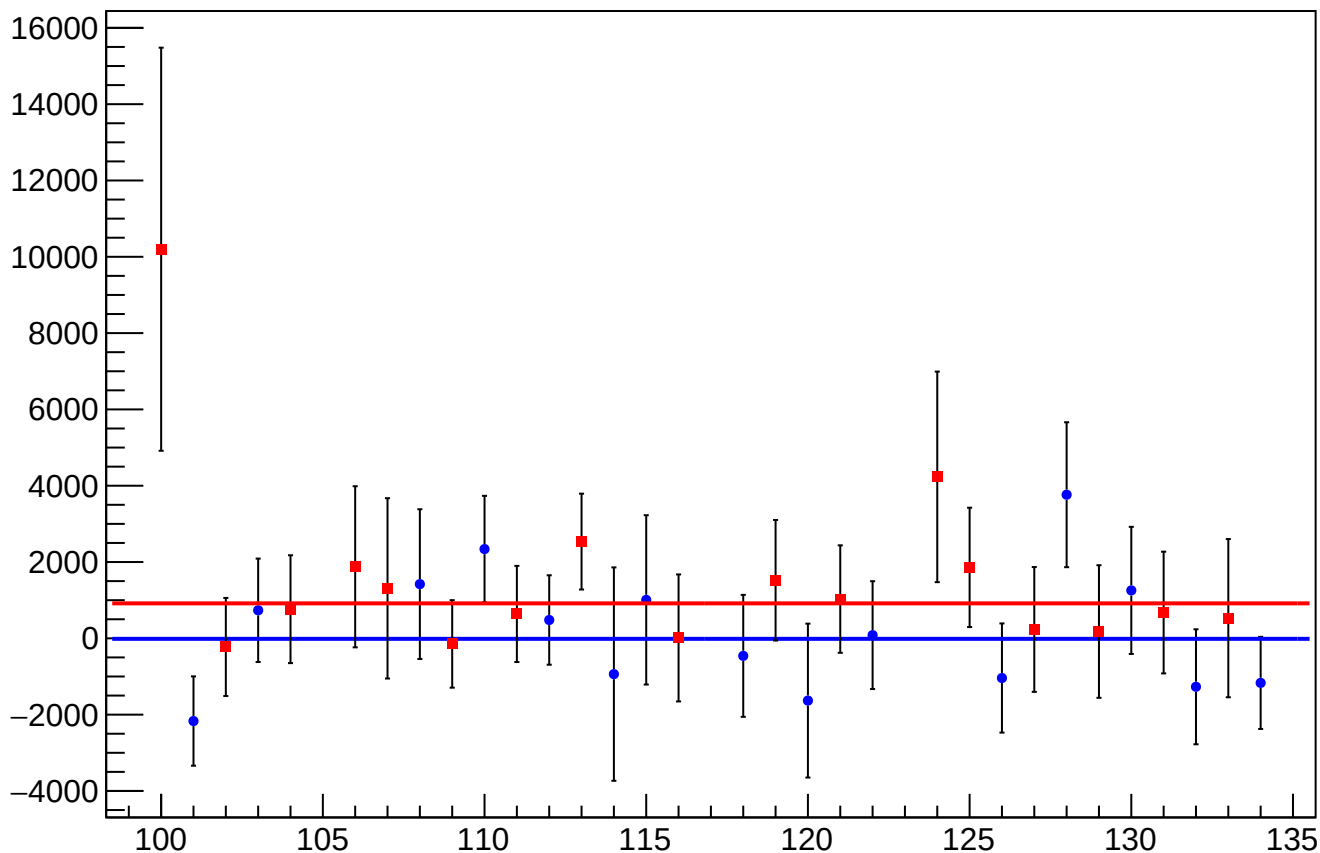
Right: 71.364+/-0.014 χ^2/NDF : 834381.2/31

In: 71.198+/-0.021 χ^2/NDF : 379126.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.364+/-0.014 χ^2/NDF : 834381.2/31

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -13.069+/-392.305 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.871+/-386.181 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

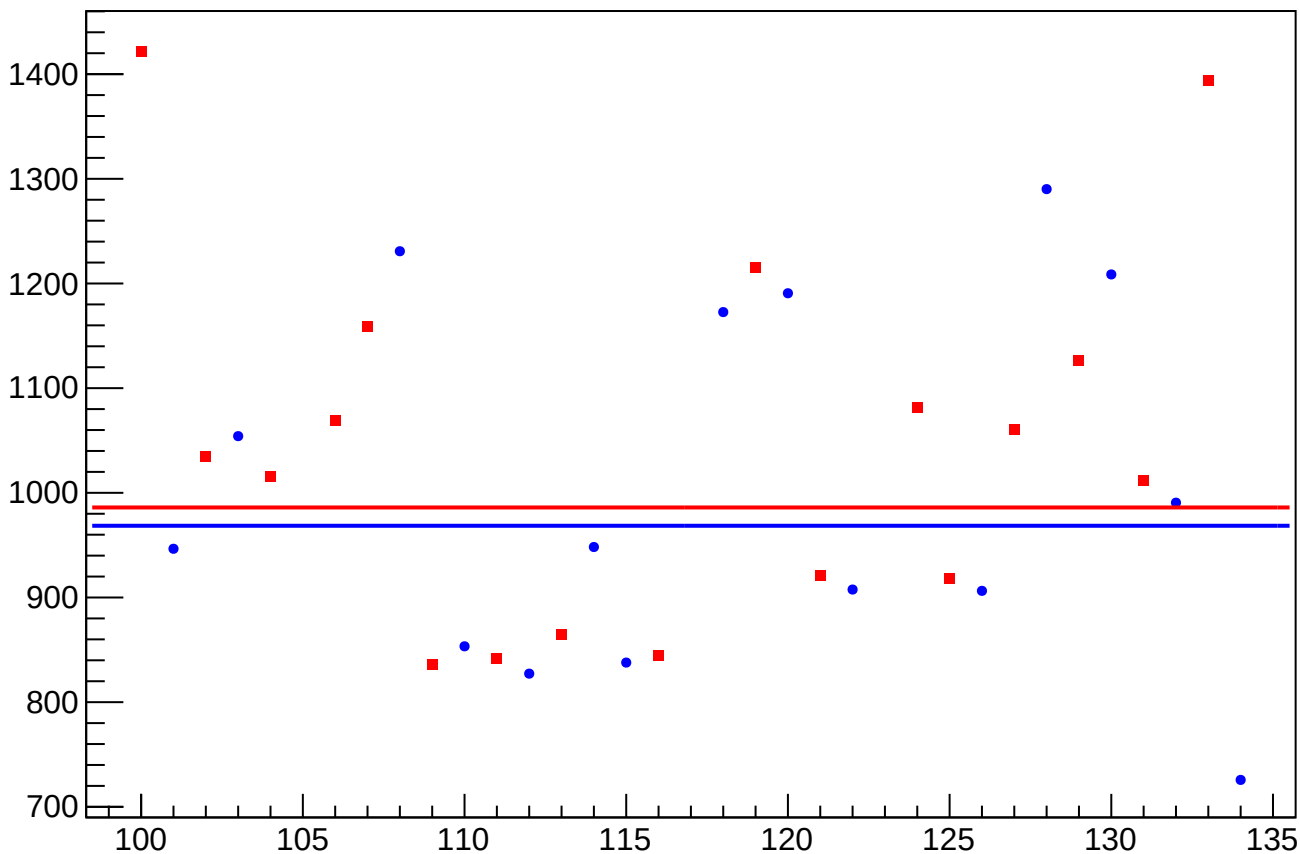
Right: 459.215+/-275.211 χ^2/NDF : 27.2/31

In: -13.069+/-392.305 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.215+/-275.211 χ^2/NDF : 27.2/31

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 968.532+/-0.277 χ^2/NDF : 338797.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 986.013+/-0.273 χ^2/NDF : 272823.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

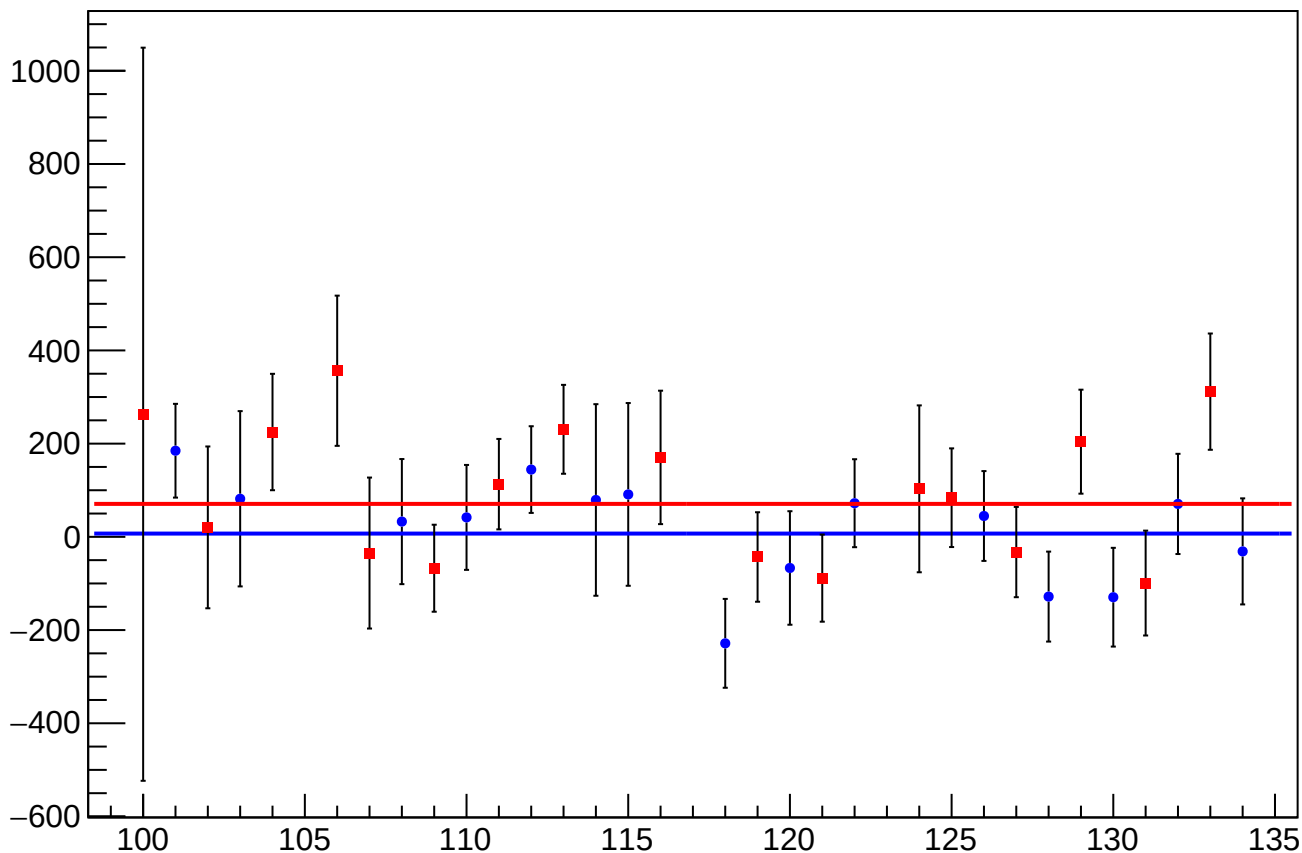
Right: 977.410+/-0.195 χ^2/NDF : 613637.3/31

In: 968.532+/-0.277 χ^2/NDF : 338797.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.410+/-0.195 χ^2/NDF : 613637.3/31

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 7.018 $\pm$ 29.056 χ^2 /NDF: 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.715 $\pm$ 28.527 χ^2 /NDF: 23.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

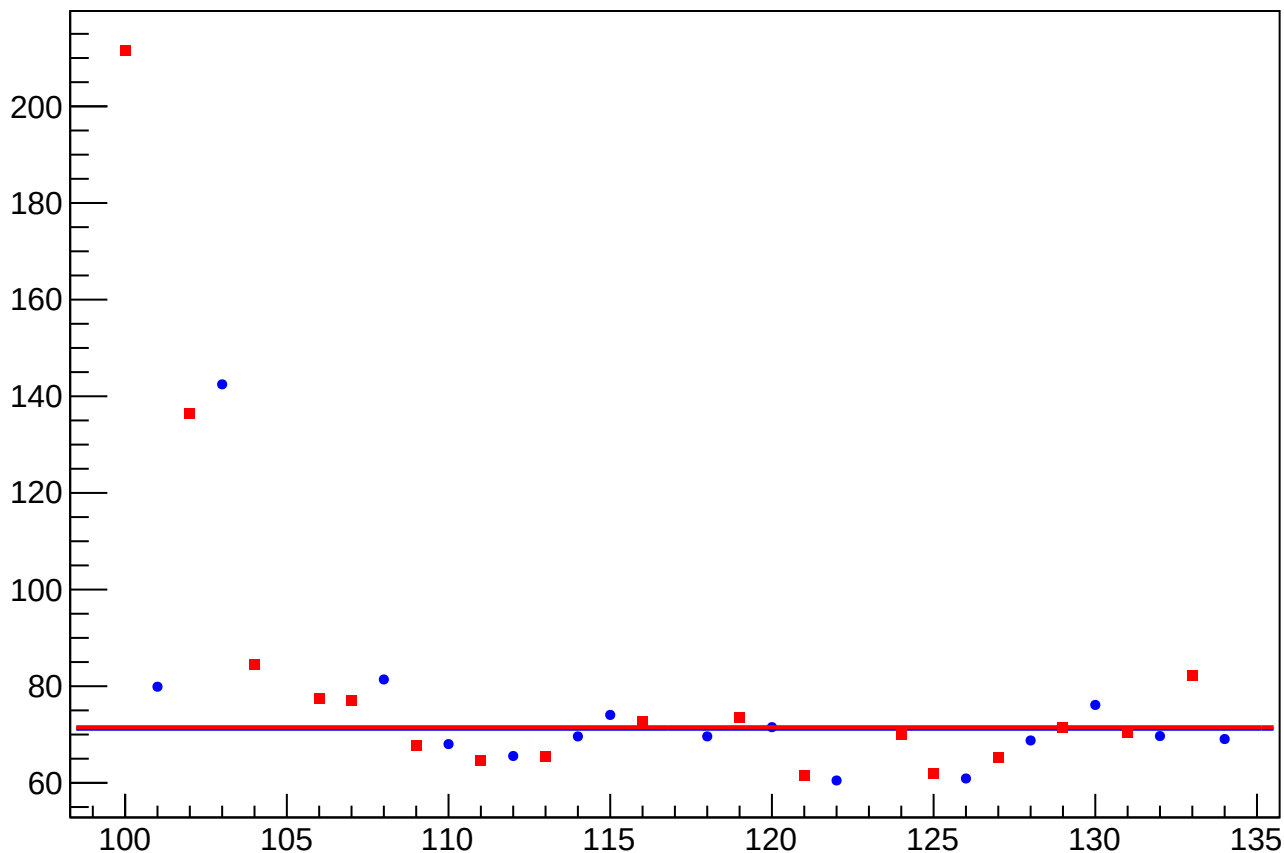
Right: 39.451 $\pm$ 20.356 χ^2 /NDF: 43.4/31

In: 7.018 $\pm$ 29.056 χ^2 /NDF: 17.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.451 $\pm$ 20.356 χ^2 /NDF: 43.4/31

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.198+/-0.021 χ^2/NDF : 379126.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.524+/-0.020 χ^2/NDF : 455126.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

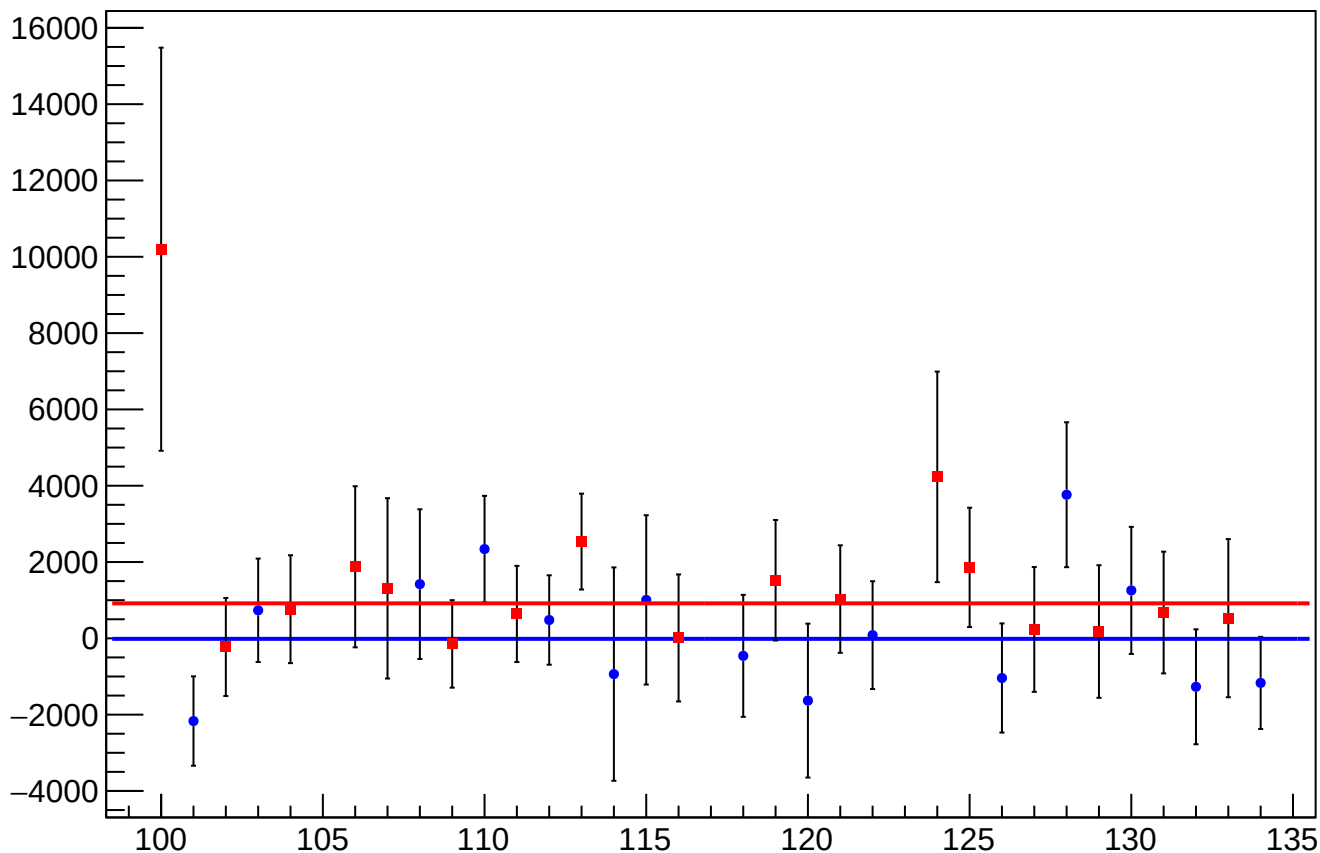
Right: 71.364+/-0.014 χ^2/NDF : 834381.2/31

In: 71.198+/-0.021 χ^2/NDF : 379126.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.364+/-0.014 χ^2/NDF : 834381.2/31

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -13.069+/-392.305 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.871+/-386.181 χ^2/NDF : 9.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

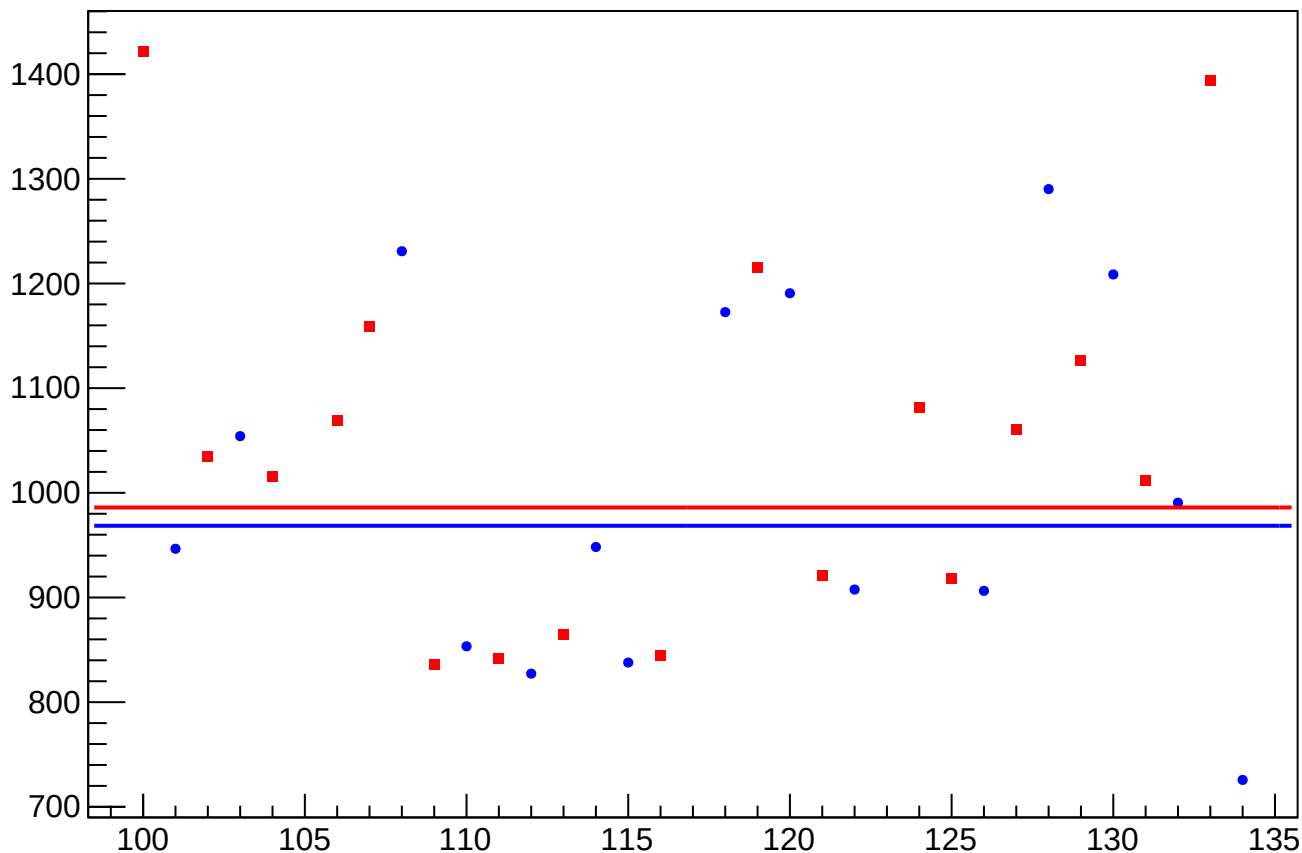
Right: 459.215+/-275.211 χ^2/NDF : 27.2/31

In: -13.069+/-392.305 χ^2/NDF : 15.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.215+/-275.211 χ^2/NDF : 27.2/31

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 968.532 $\pm$ 0.277 χ^2 /NDF: 338797.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 986.013 $\pm$ 0.273 χ^2 /NDF: 272823.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

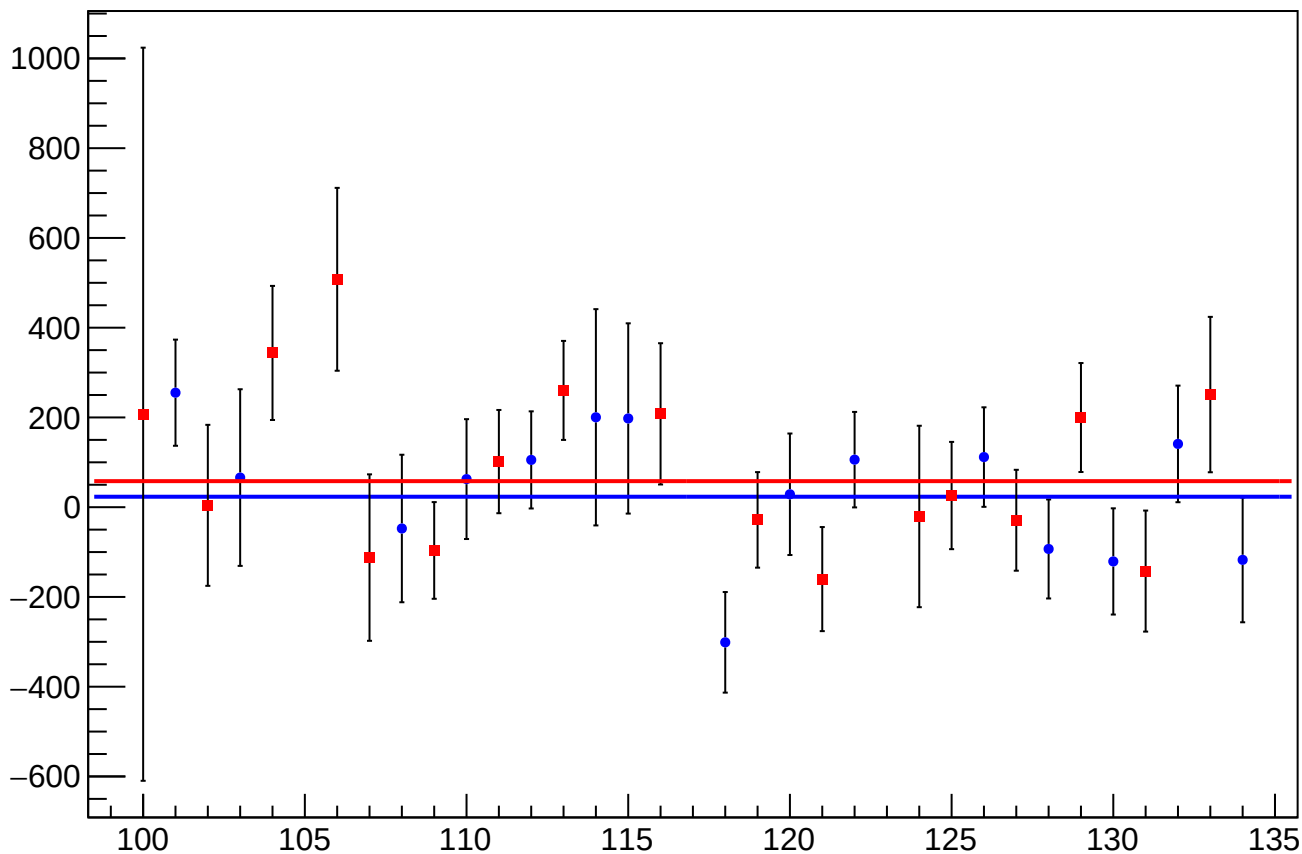
Right: 977.410 $\pm$ 0.195 χ^2 /NDF: 613637.3/31

In: 968.532 $\pm$ 0.277 χ^2 /NDF:338797.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 977.410 $\pm$ 0.195 χ^2 /NDF: 613637.3/31

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 23.314+/-33.642 χ^2/NDF : 20.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.051+/-33.202 χ^2/NDF : 25.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

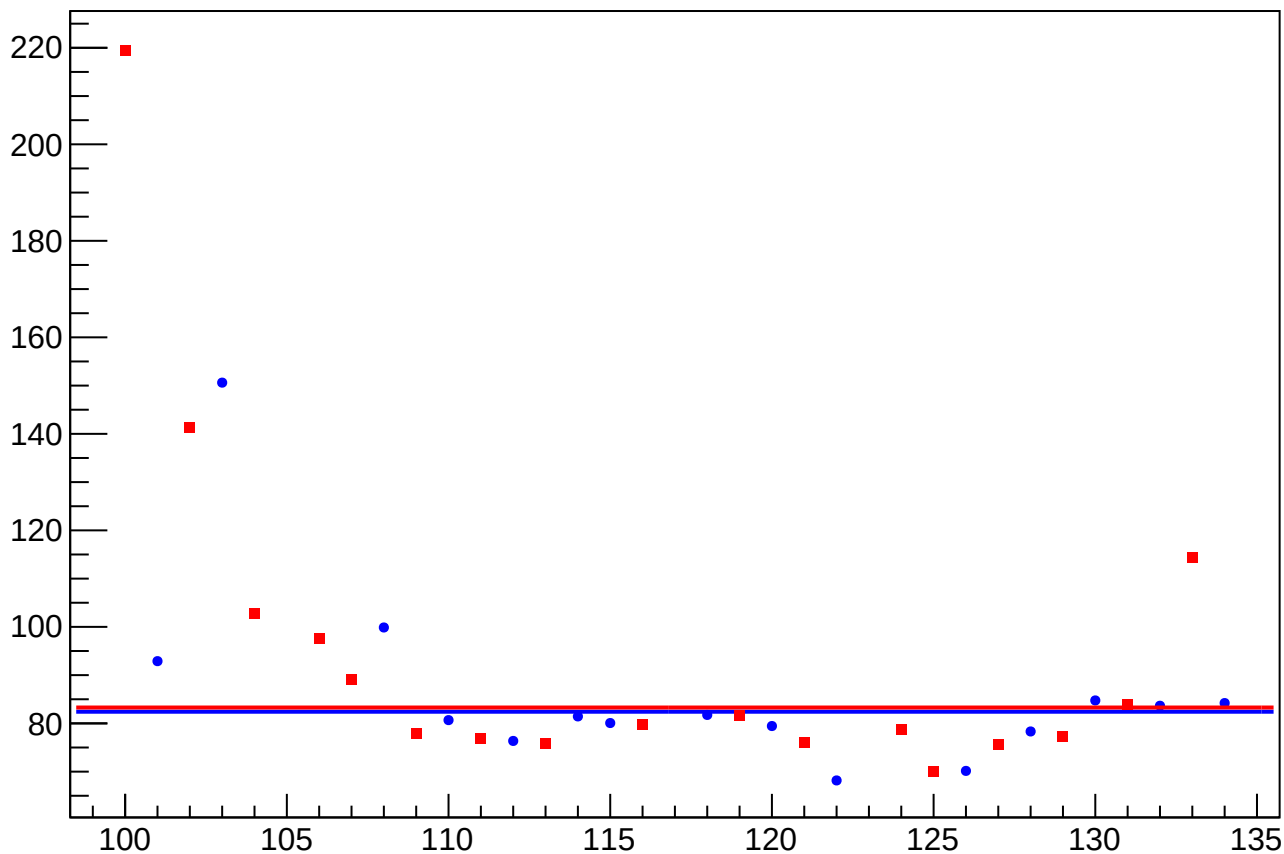
Right: 40.911+/-23.631 χ^2/NDF : 46.4/31

In: 23.314+/-33.642 χ^2/NDF : 20.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.911+/-23.631 χ^2/NDF : 46.4/31

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.417 $\pm$ 0.024 χ^2 /NDF: 350614.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.289 $\pm$ 0.023 χ^2 /NDF: 444716.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

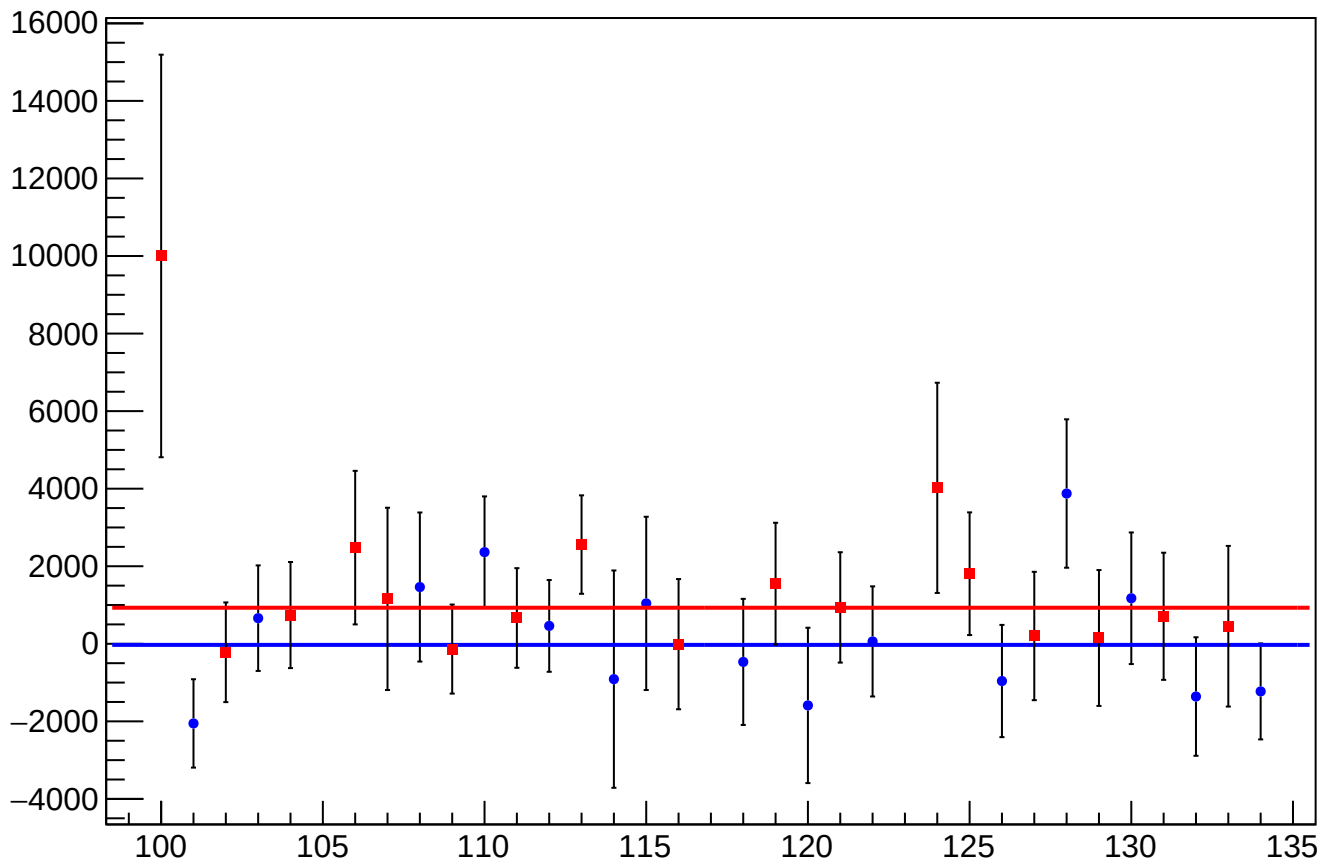
Right: 82.859 $\pm$ 0.017 χ^2 /NDF: 796010.3/31

In: 82.417 $\pm$ 0.024 χ^2 /NDF:350614.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.859 $\pm$ 0.017 χ^2 /NDF: 796010.3/31

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -28.091 ± 395.003 $\chi^2/\text{NDF}: 14.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 930.048 ± 386.800 $\chi^2/\text{NDF}: 9.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

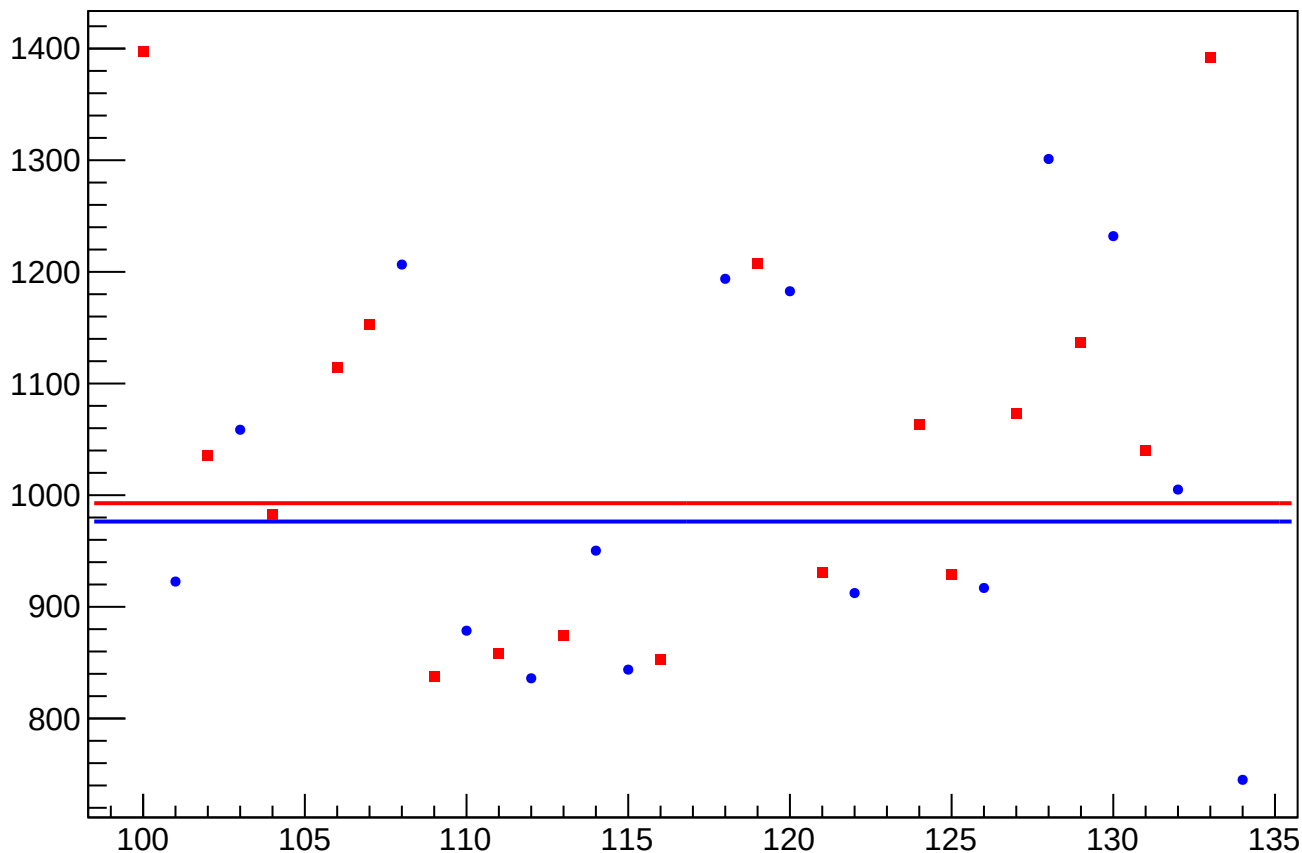
Right: 461.031 ± 276.363 $\chi^2/\text{NDF}: 27.3/31$

In: -28.091 ± 395.003 $\chi^2/\text{NDF}: 14.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 461.031 ± 276.363 $\chi^2/\text{NDF}: 27.3/31$

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 976.393+/-0.279 χ^2/NDF : 322994.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 992.815+/-0.274 χ^2/NDF : 261370.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

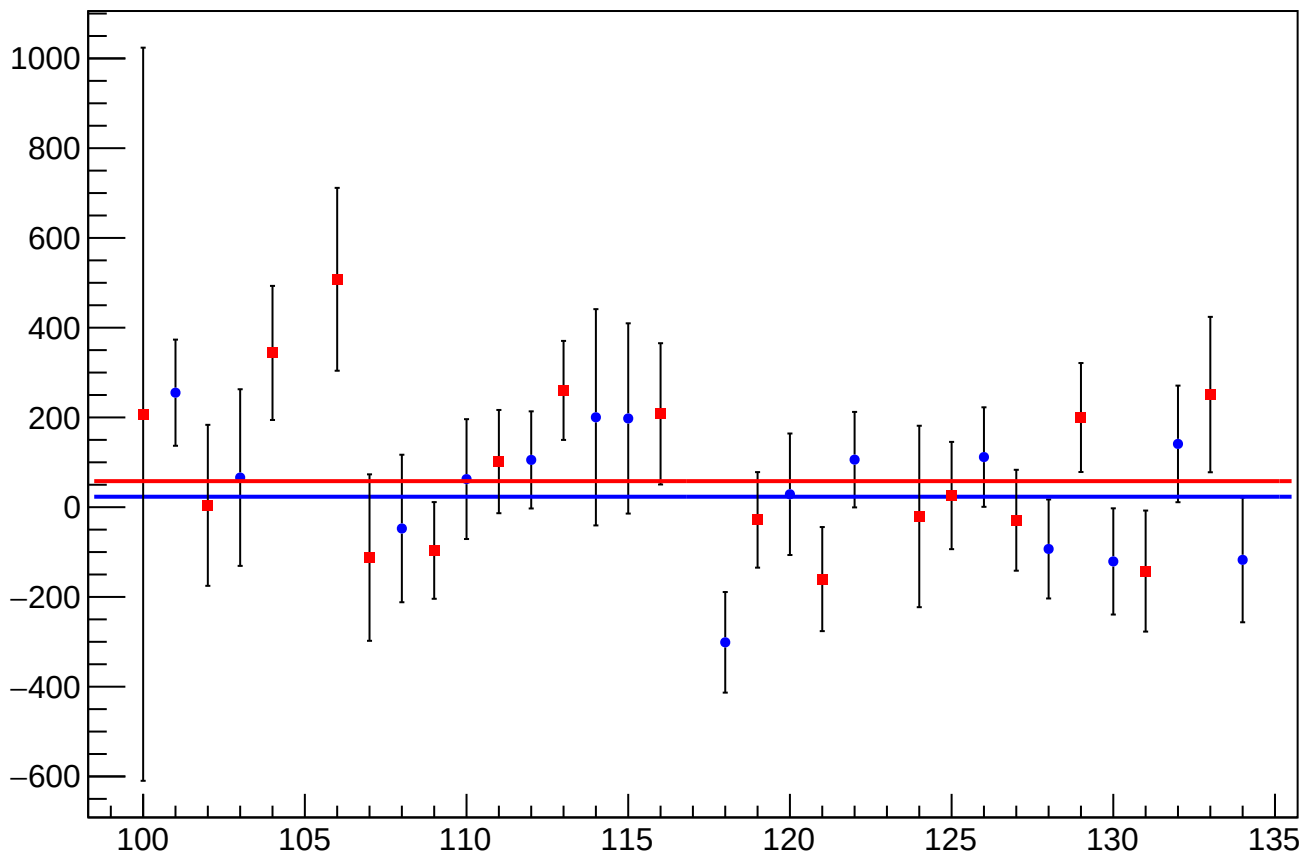
Right: 984.776+/-0.195 χ^2/NDF : 586129.2/31

In: 976.393+/-0.279 χ^2/NDF : 322994.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.776+/-0.195 χ^2/NDF : 586129.2/31

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 23.312 $\pm$ 33.642 χ^2 /NDF: 20.0/14

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 58.049 $\pm$ -33.201 χ^2 /NDF: 25.8/16

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

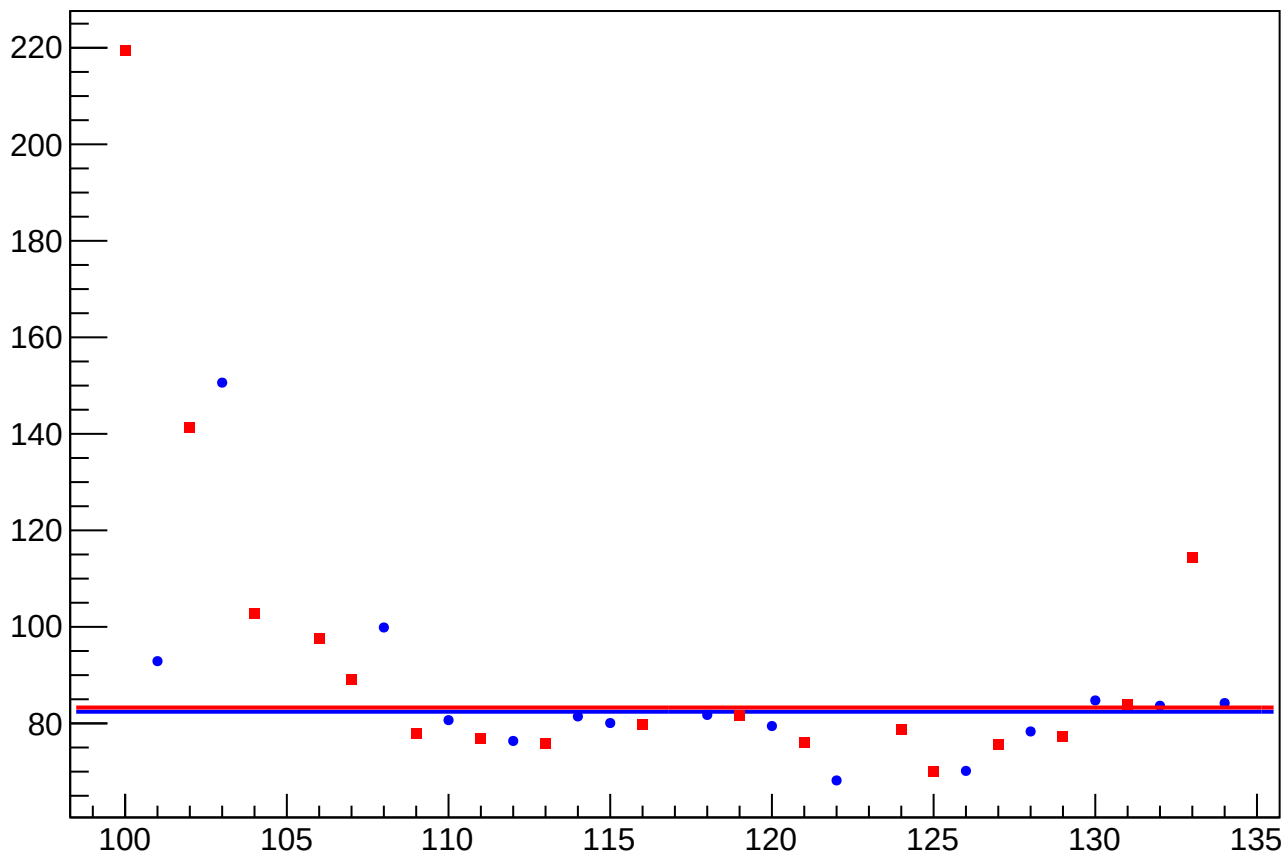
Right: 40.909 $\pm$ -23.631 χ^2 /NDF: 46.4/31

In: 23.312 $\pm$ -33.642 χ^2 /NDF:20.0/14

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 40.909 $\pm$ -23.631 χ^2 /NDF: 46.4/31

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.417 $\pm$ 0.024 χ^2 /NDF: 350616.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.288 $\pm$ 0.023 χ^2 /NDF: 444728.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

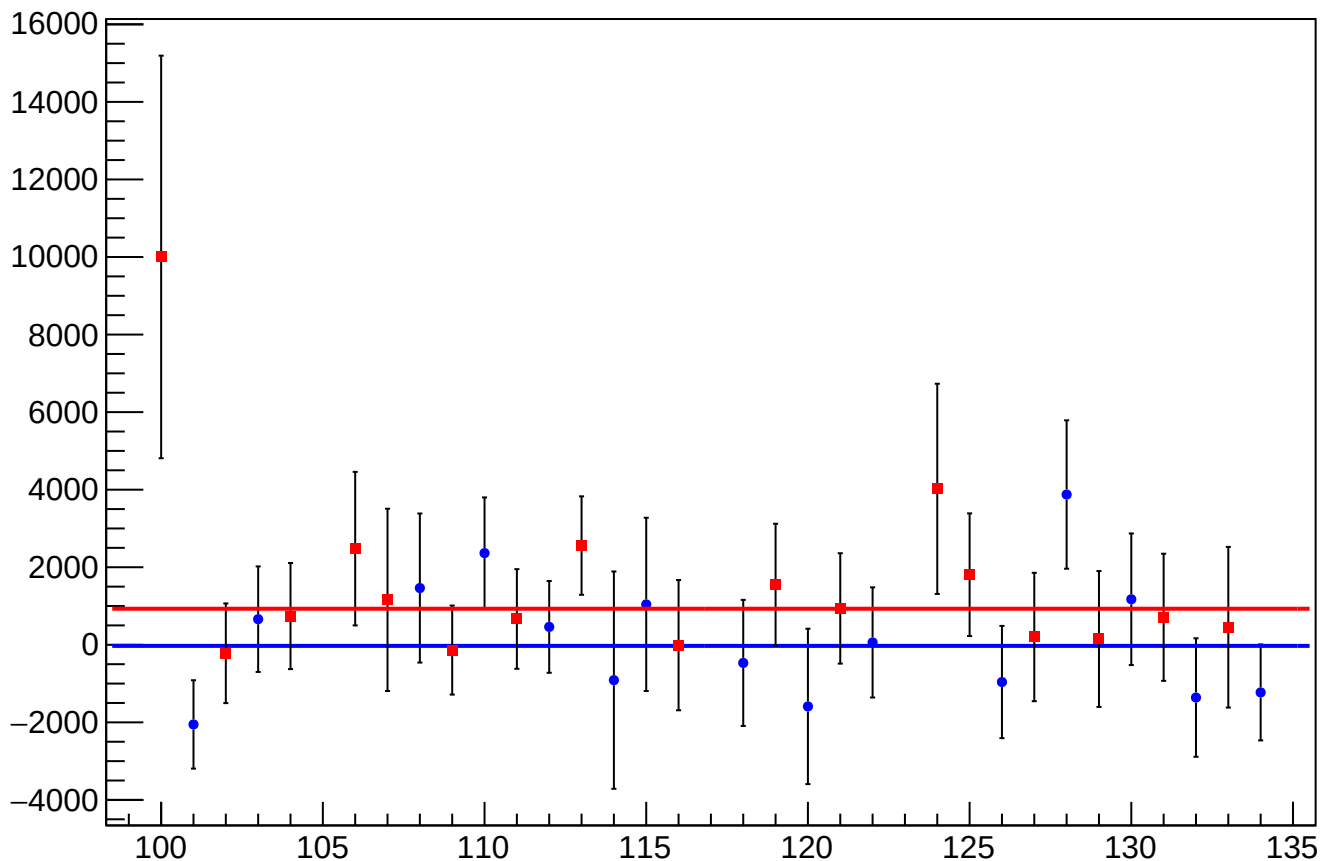
Right: 82.858 $\pm$ 0.017 χ^2 /NDF: 796025.2/31

In: 82.417 $\pm$ 0.024 χ^2 /NDF:350616.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.858 $\pm$ 0.017 χ^2 /NDF: 796025.2/31

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -28.090 $\pm$ 395.002 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 930.046 $\pm$ 386.799 χ^2 /NDF: 9.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

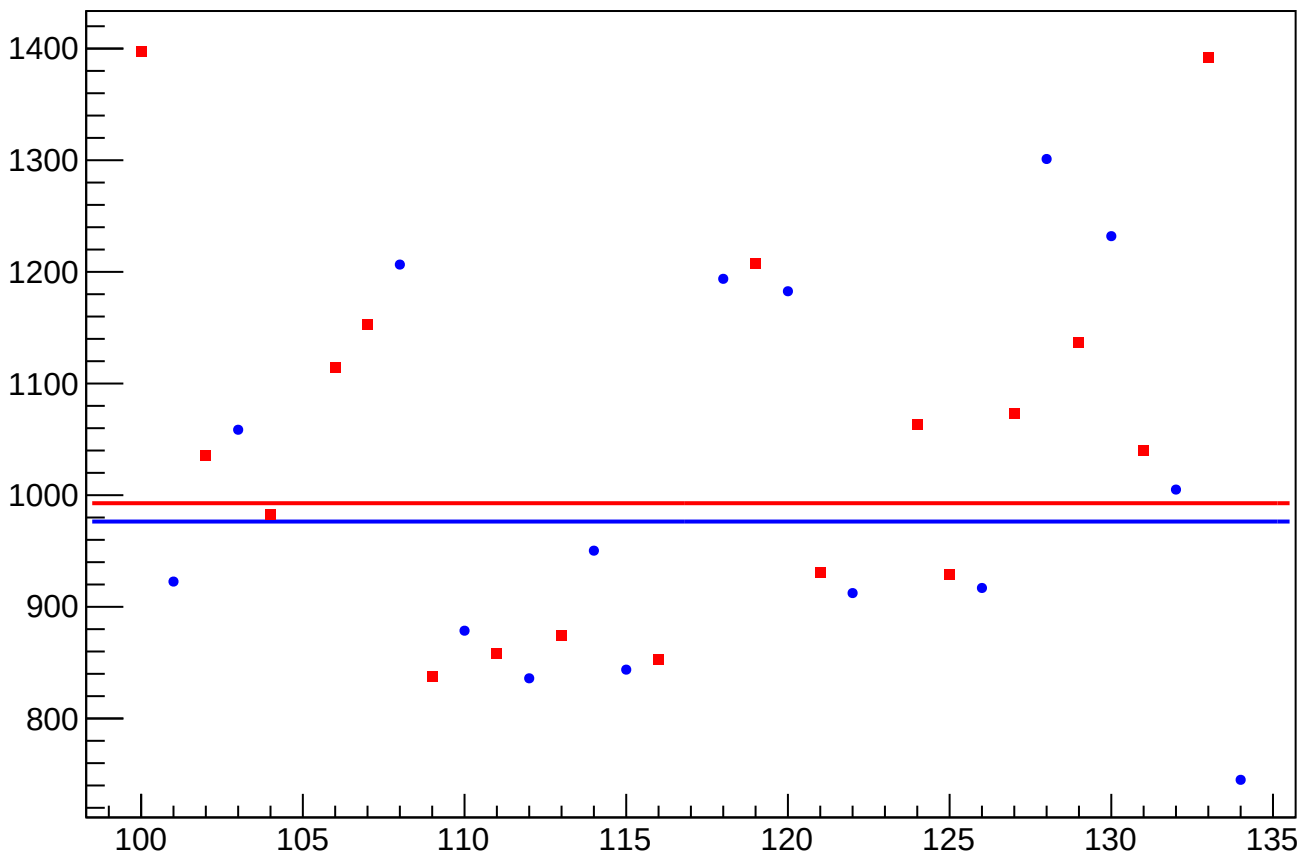
Right: 461.030 $\pm$ 276.362 χ^2 /NDF: 27.3/31

In: -28.090 $\pm$ 395.002 χ^2 /NDF:14.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 461.030 $\pm$ 276.362 χ^2 /NDF: 27.3/31

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 976.391+/-0.279 χ^2/NDF : 322995.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 992.812+/-0.274 χ^2/NDF : 261373.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

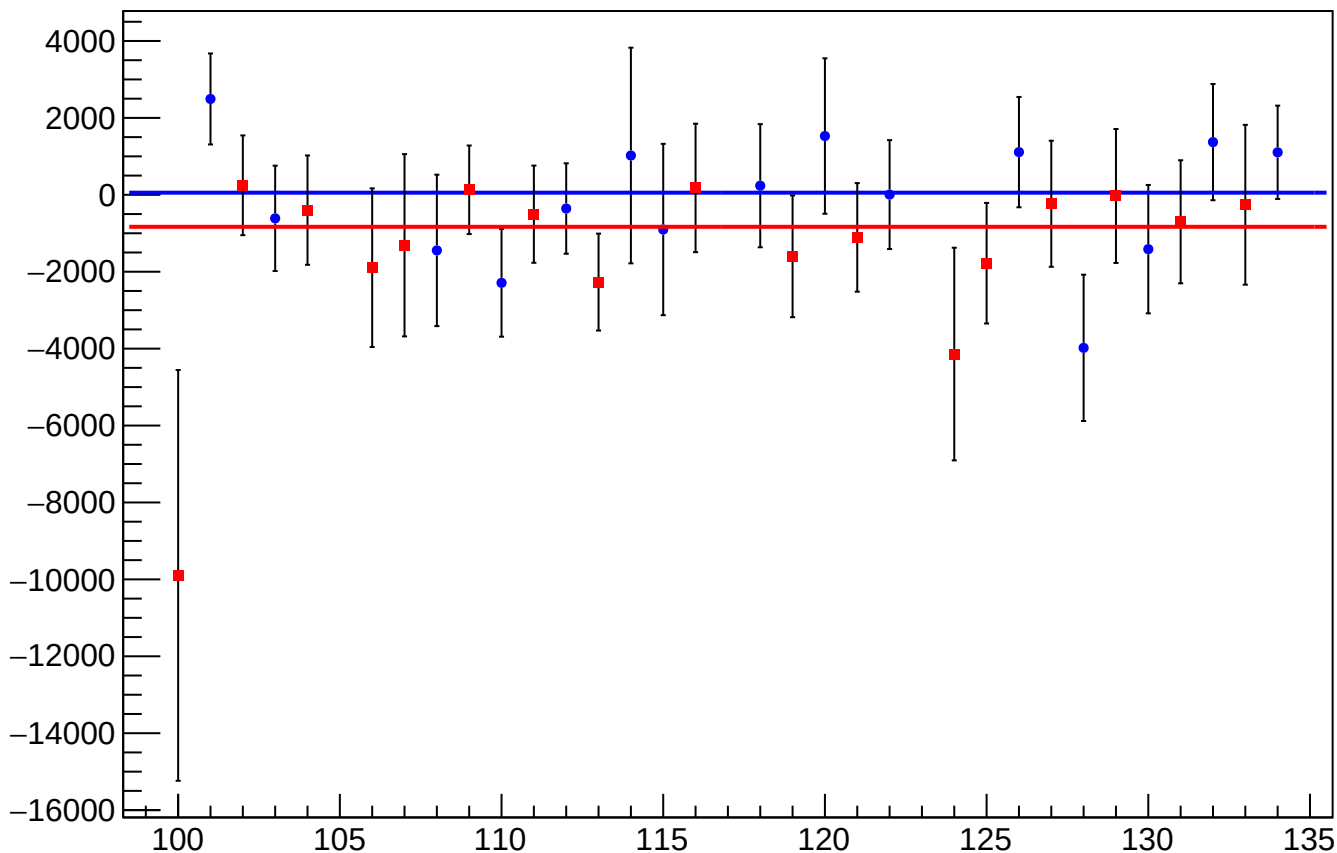
Right: 984.774+/-0.195 χ^2/NDF : 586133.8/31

In: 976.391+/-0.279 χ^2/NDF : 322995.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.774+/-0.195 χ^2/NDF : 586133.8/31

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 55.779+/-394.047 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -831.847+/-387.272 χ^2/NDF : 8.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

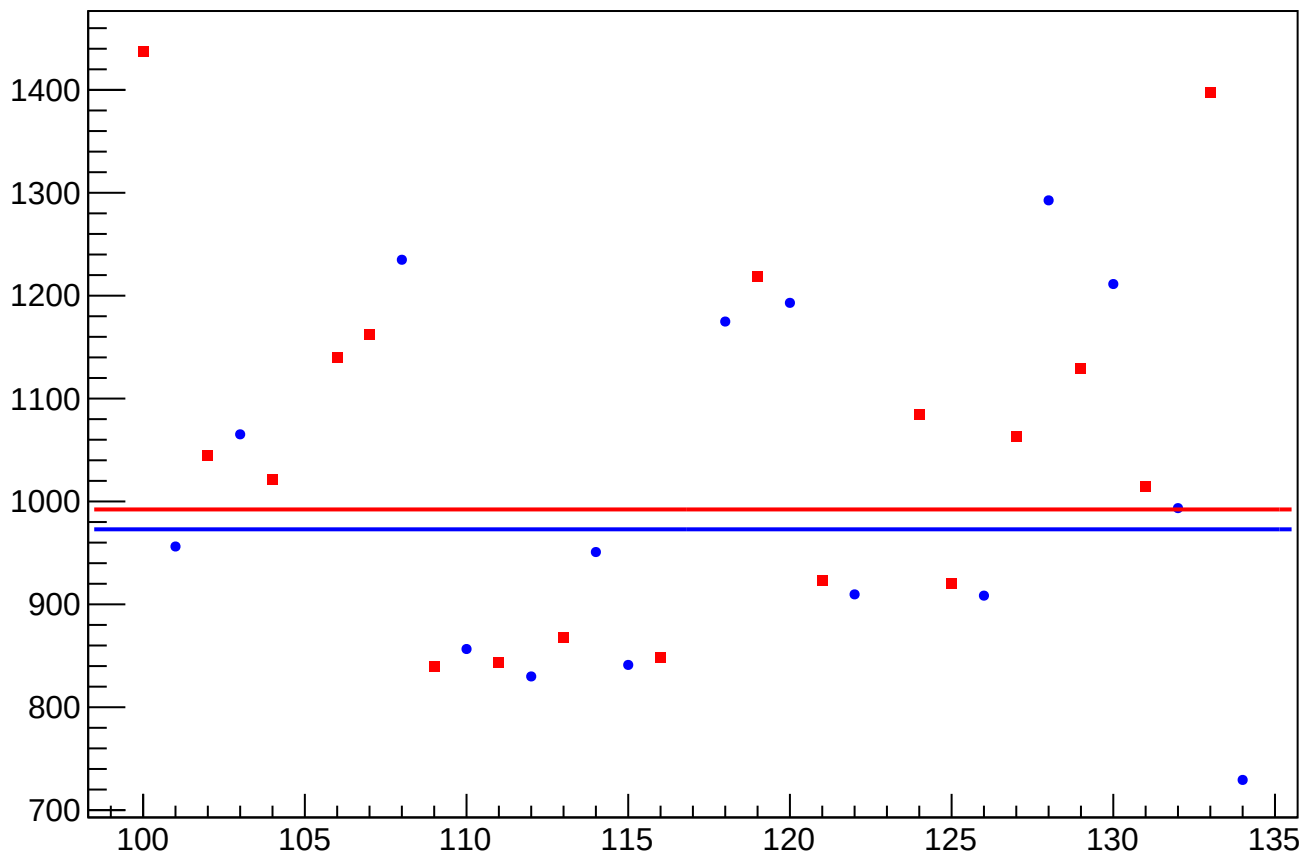
Right: -395.730+/-276.207 χ^2/NDF : 27.6/31

In: 55.779+/-394.047 χ^2/NDF : 16.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.730+/-276.207 χ^2/NDF : 27.6/31

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 972.915+/-0.279 χ^2/NDF : 337235.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 992.235+/-0.274 χ^2/NDF : 280266.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

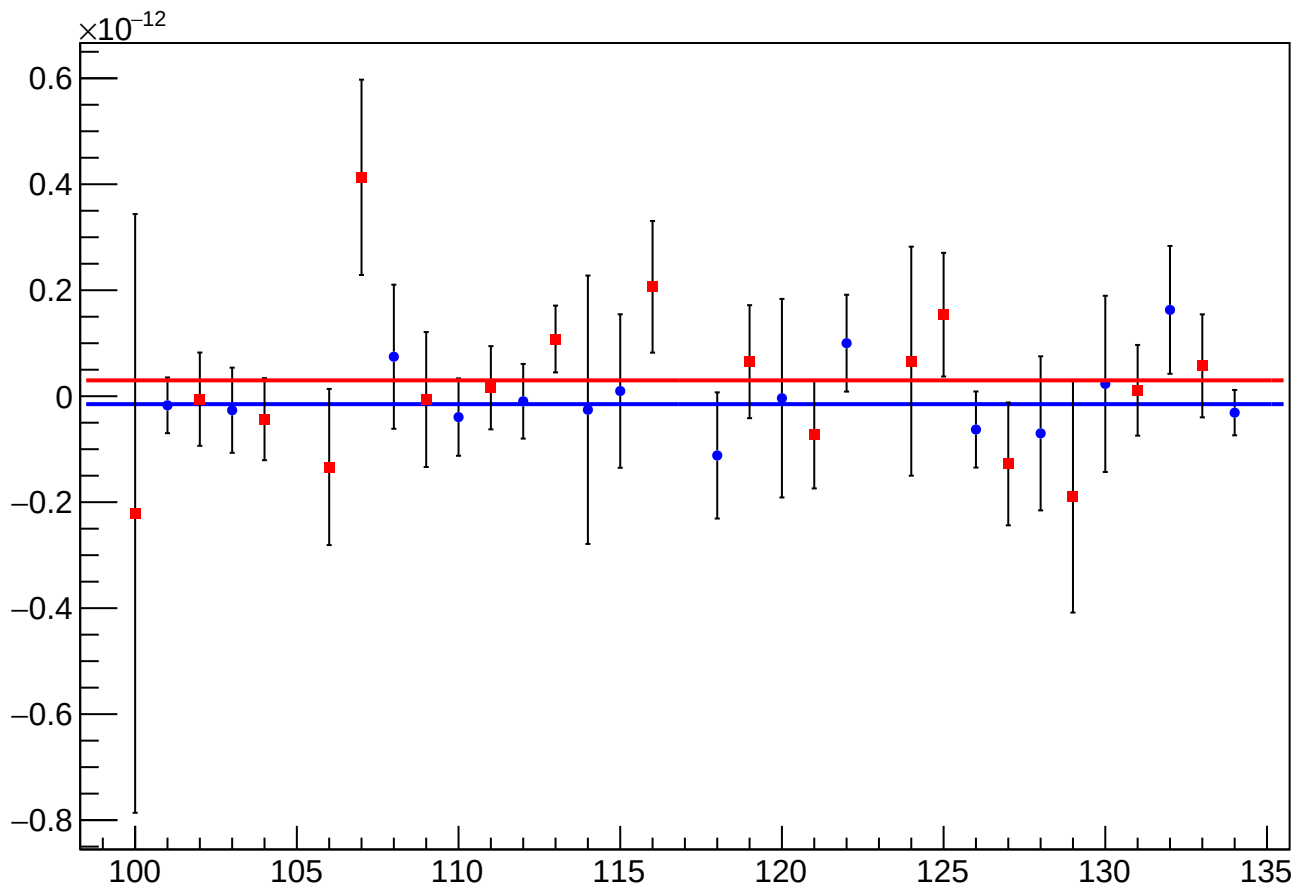
Right: 982.743+/-0.195 χ^2/NDF : 619947.9/31

In: 972.915+/-0.279 χ^2/NDF : 337235.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.743+/-0.195 χ^2/NDF : 619947.9/31

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

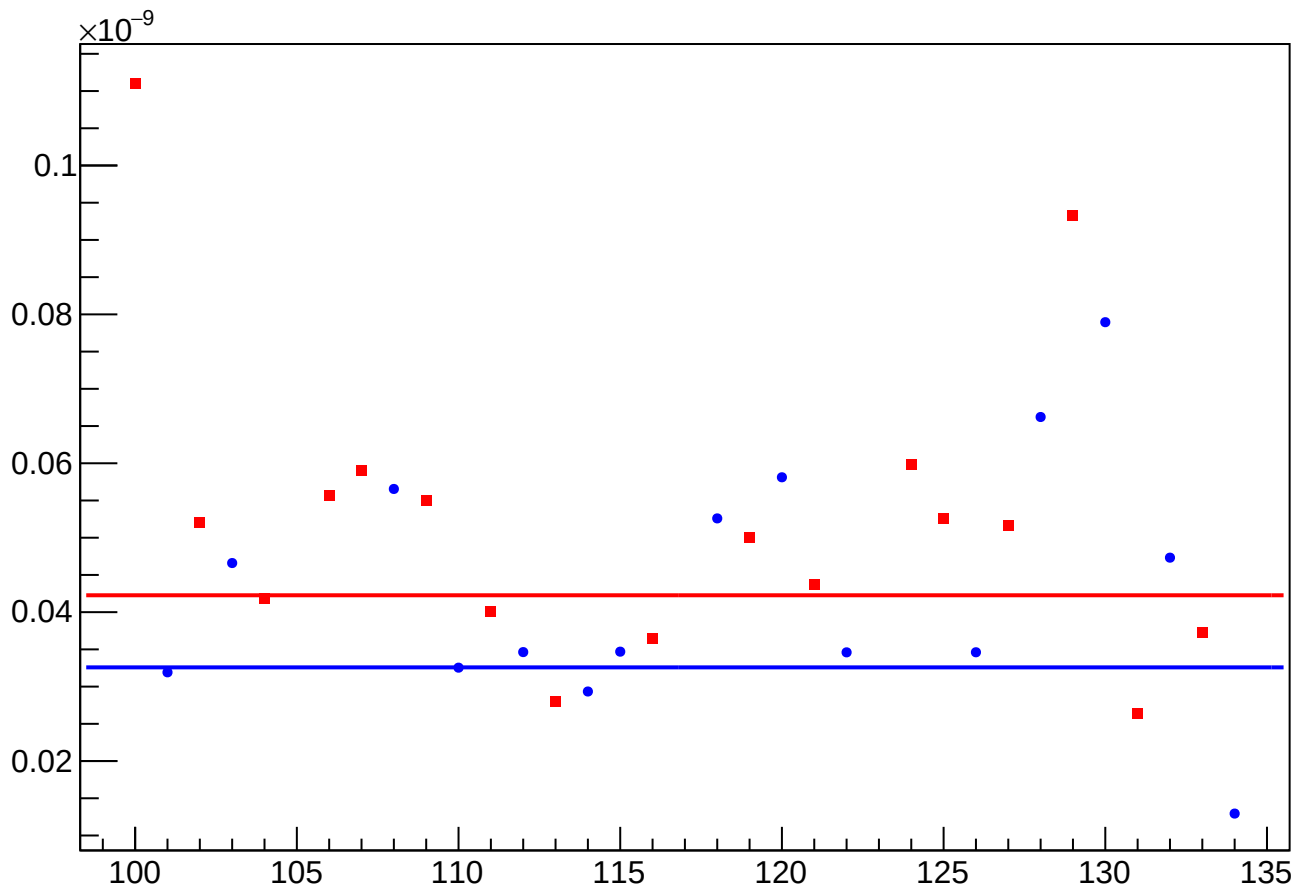
Right: 0.000+/-0.000 χ^2/NDF : 23.3/31

In: -0.000+/-0.000 χ^2/NDF : 5.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.3/31

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 936258.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 451800.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

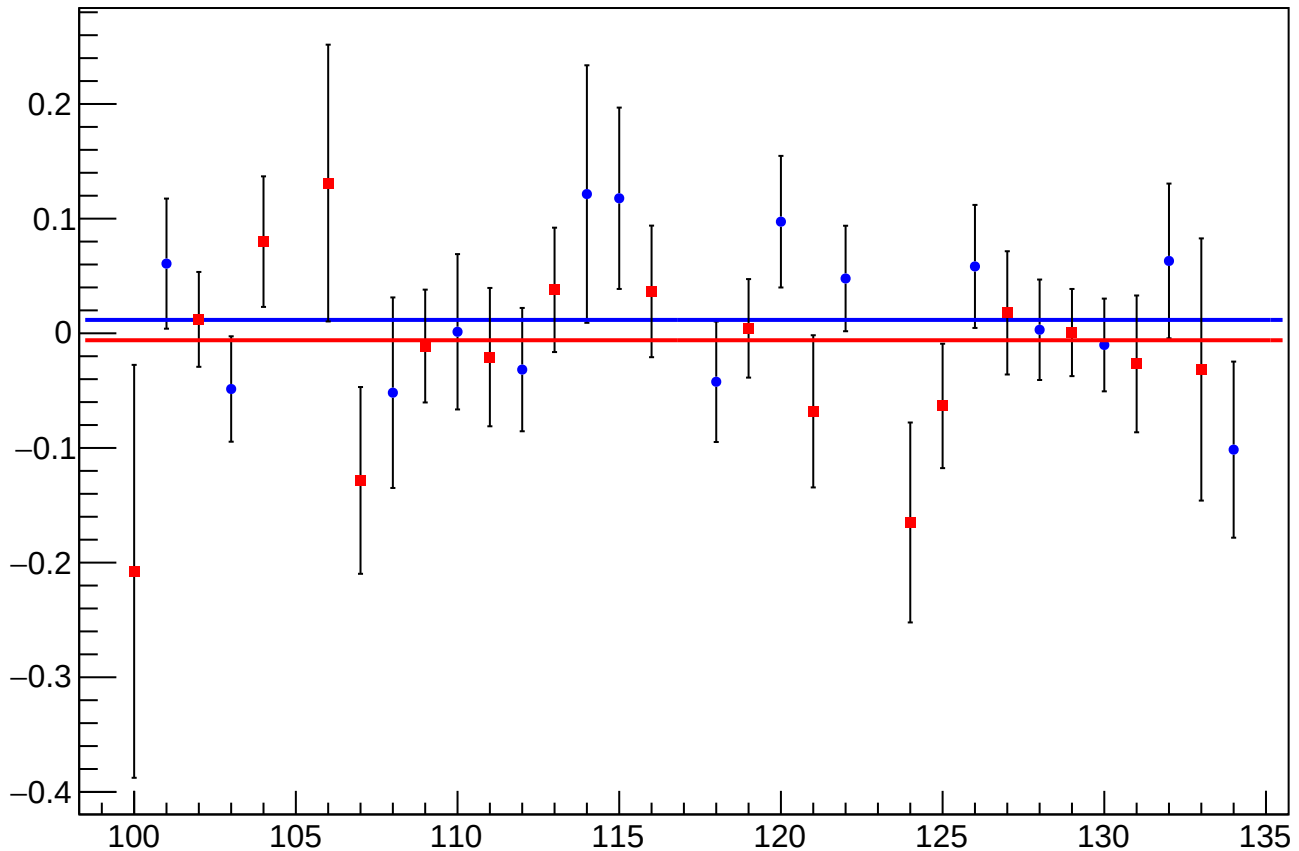
Right: 0.000+/-0.000 χ^2/NDF : 1555312.4/31

In: 0.000+/-0.000 χ^2/NDF : 936258.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1555312.4/31

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

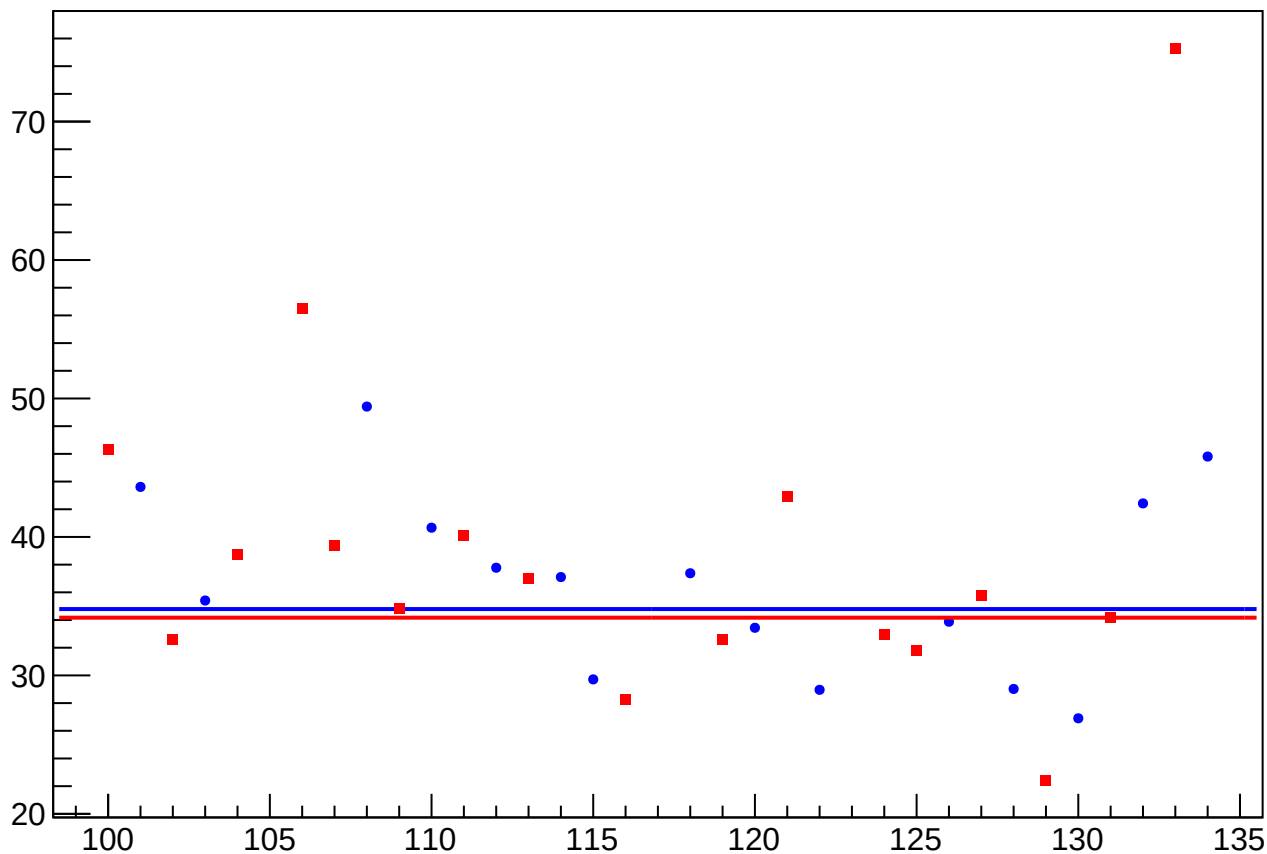
Right: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

In: 0.012 $\pm$ 0.015 χ^2 /NDF:14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.792+/-0.010 χ^2/NDF : 357217.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.169+/-0.010 χ^2/NDF : 640965.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

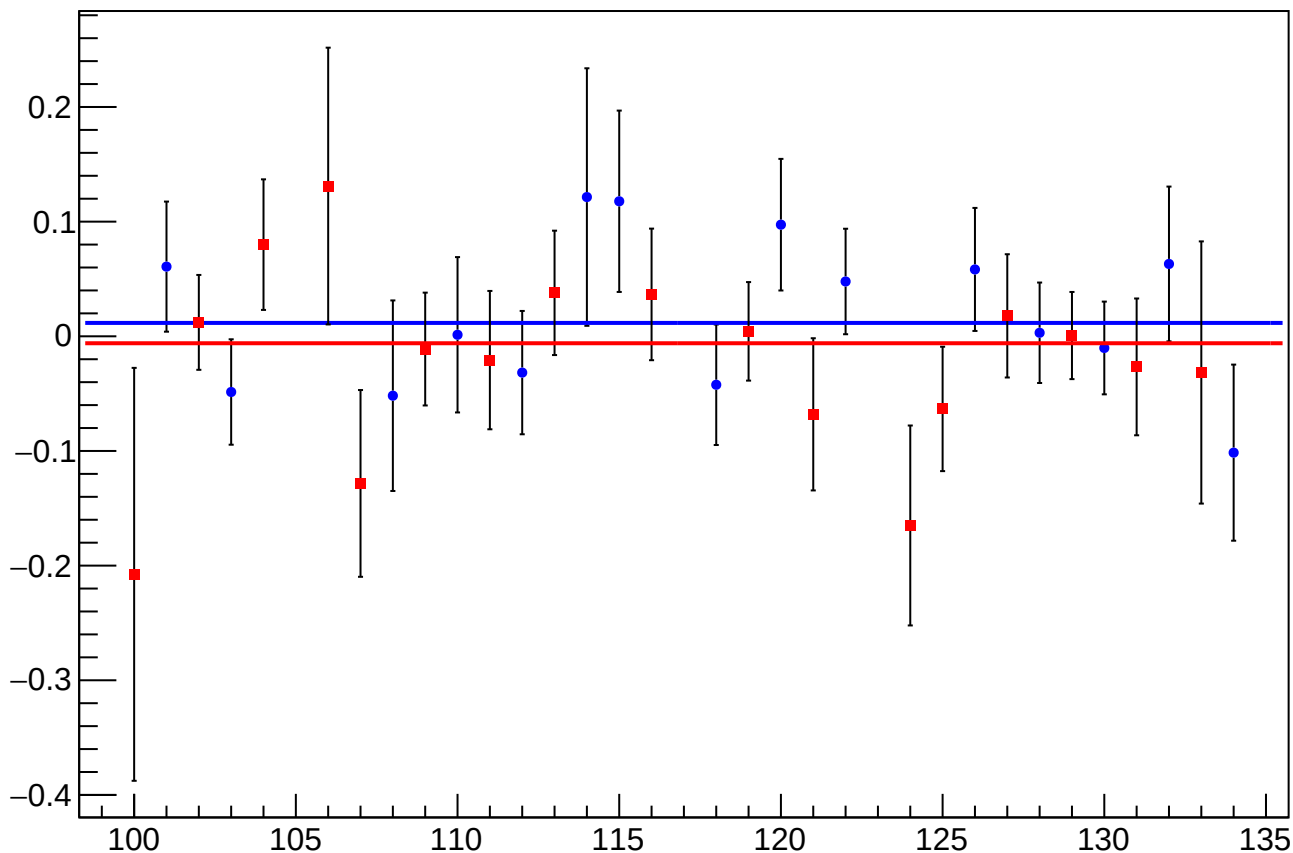
Right: 34.469+/-0.007 χ^2/NDF : 1000090.0/31

In: 34.792+/-0.010 χ^2/NDF : 357217.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.469+/-0.007 χ^2/NDF : 1000090.0/31

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

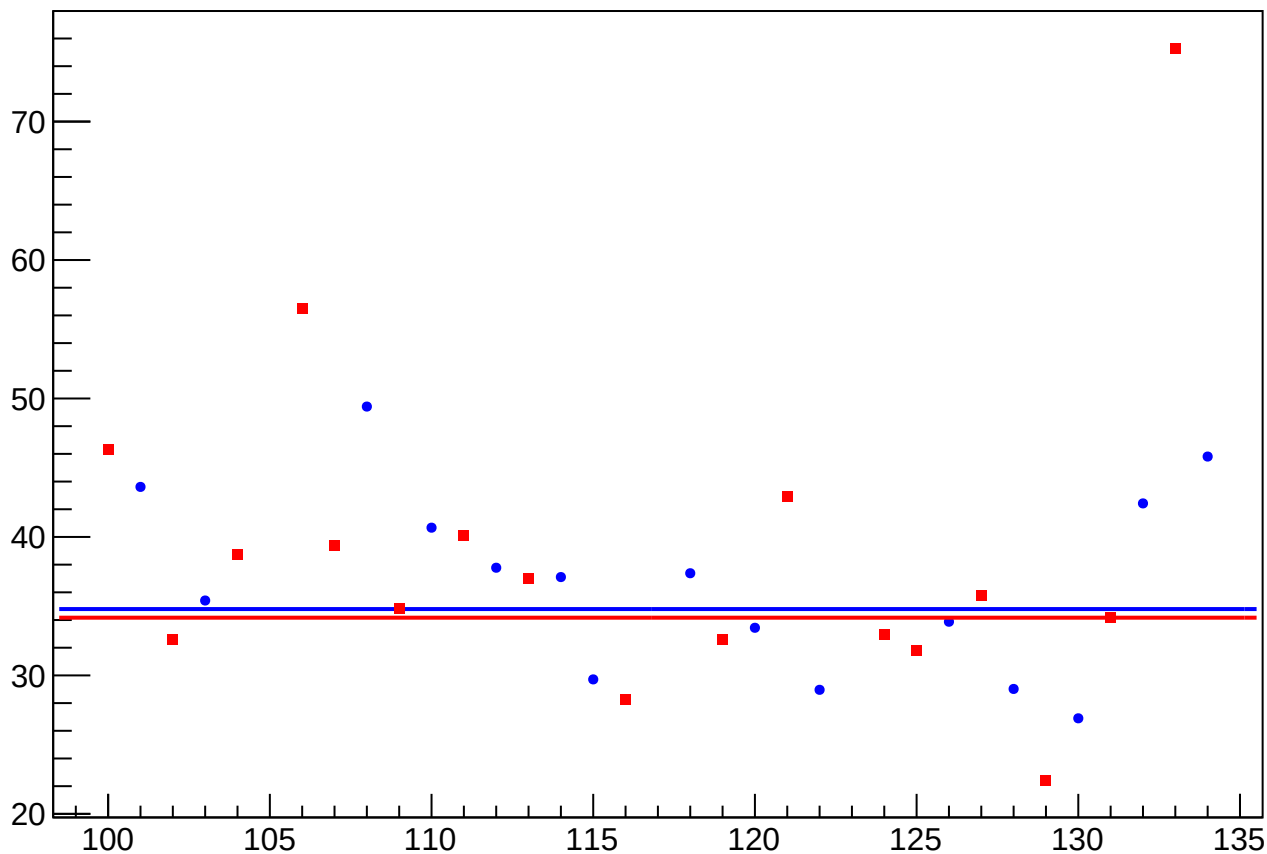
Right: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

In: 0.012 $\pm$ 0.015 χ^2 /NDF:14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.792+/-0.010 χ^2/NDF : 357217.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.169+/-0.010 χ^2/NDF : 640965.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

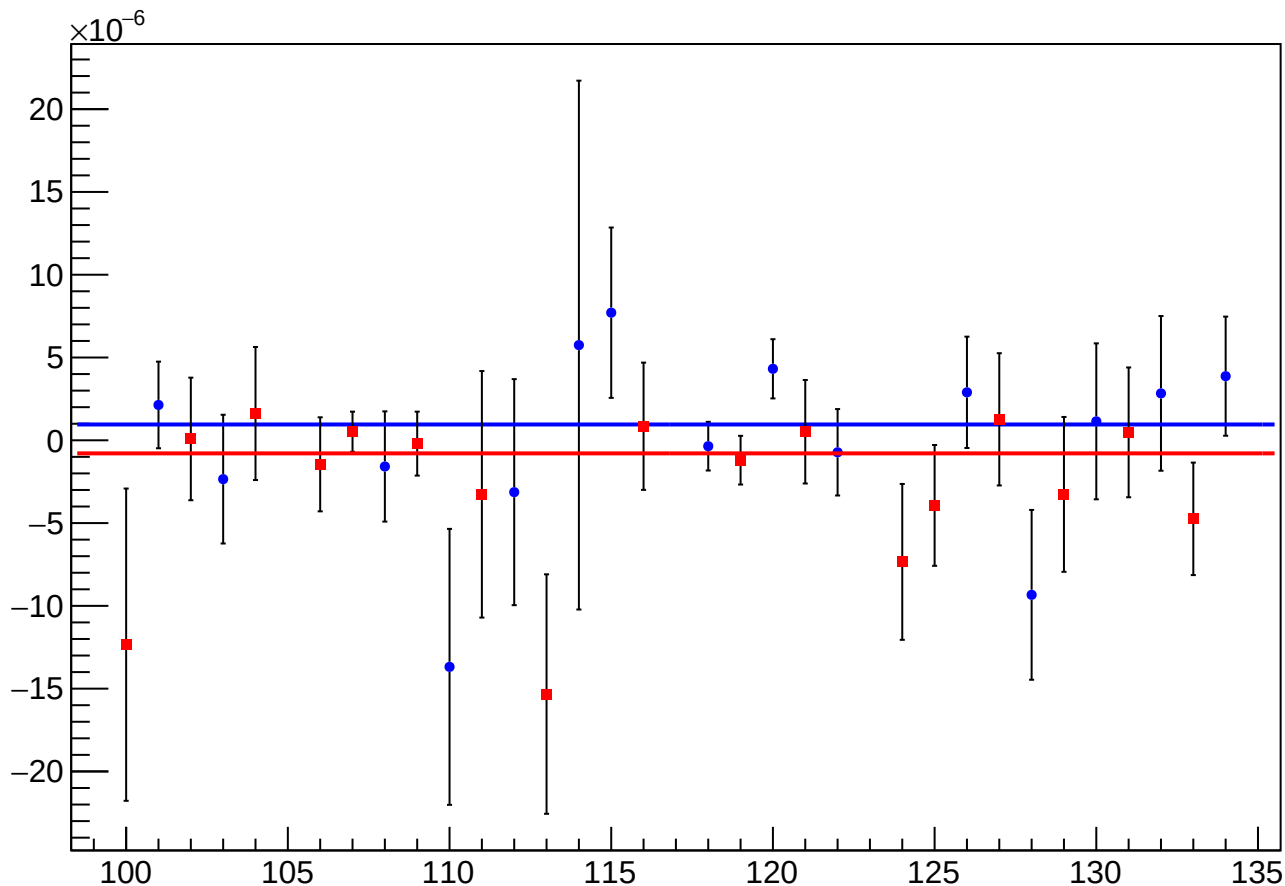
Right: 34.469+/-0.007 χ^2/NDF : 1000090.0/31

In: 34.792+/-0.010 χ^2/NDF : 357217.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.469+/-0.007 χ^2/NDF : 1000090.0/31

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

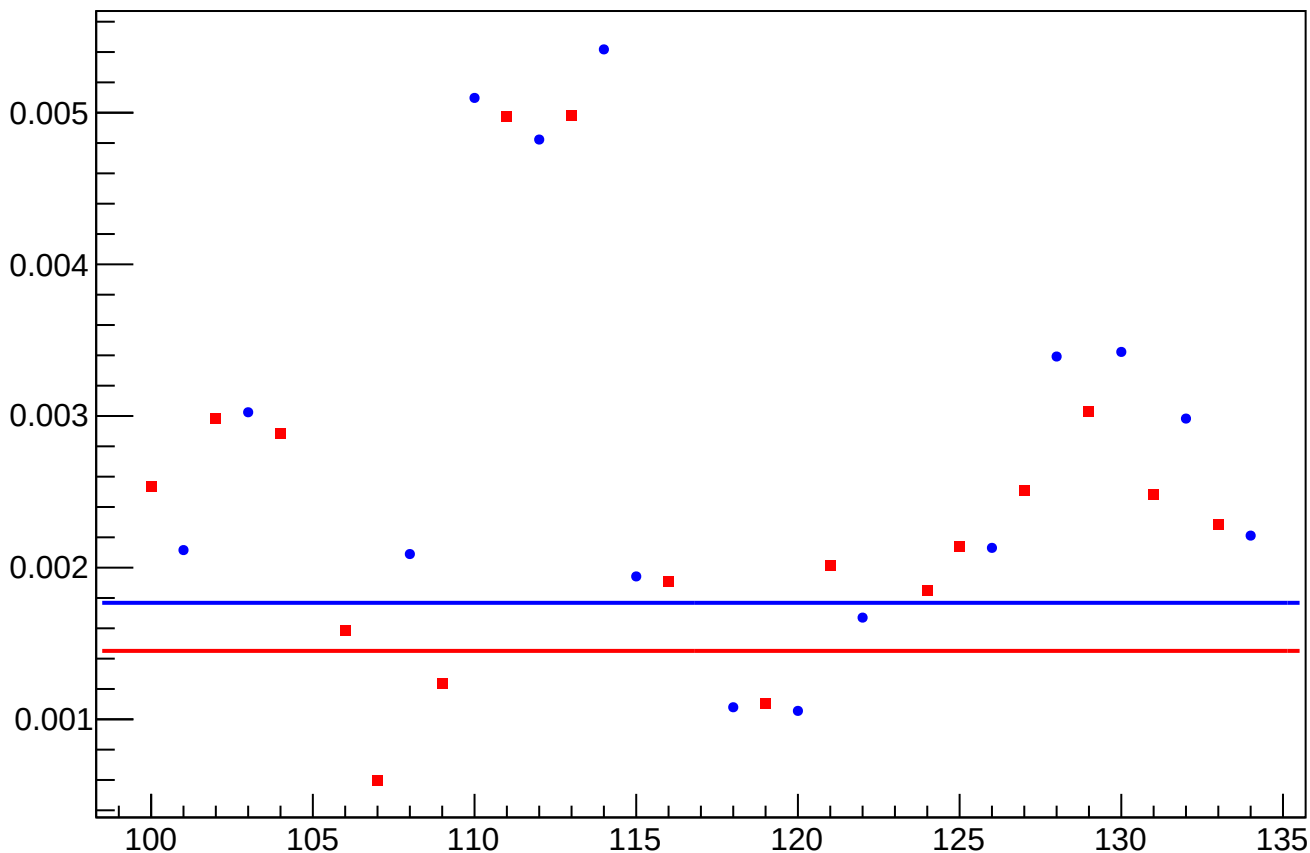
Right: -0.000+/-0.000 χ^2/NDF : 32.0/31

In: 0.000+/-0.000 χ^2/NDF : 16.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.0/31

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2484659.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3486570.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

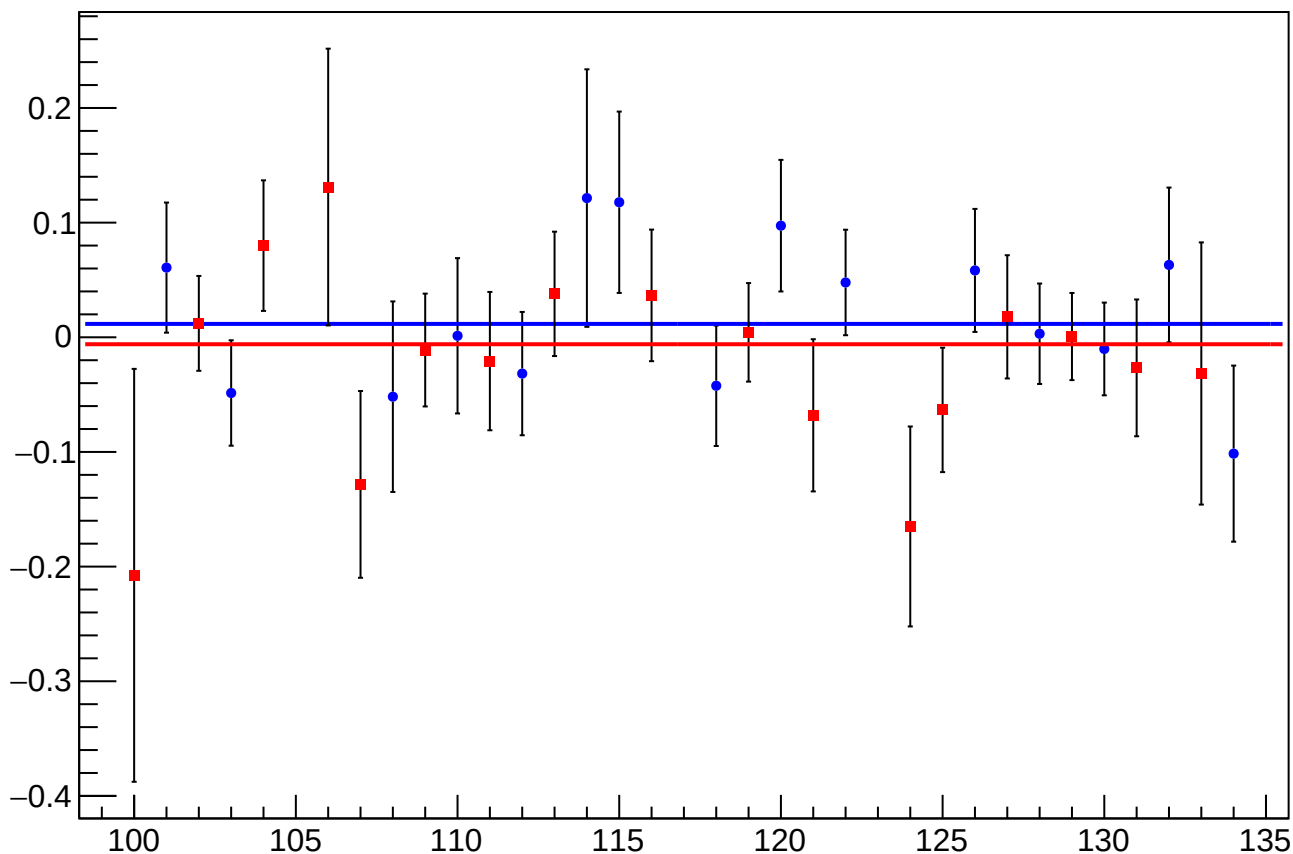
Right: 0.002+/-0.000 χ^2/NDF : 6159528.4/31

In: 0.002+/-0.000 χ^2/NDF :2484659.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6159528.4/31

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

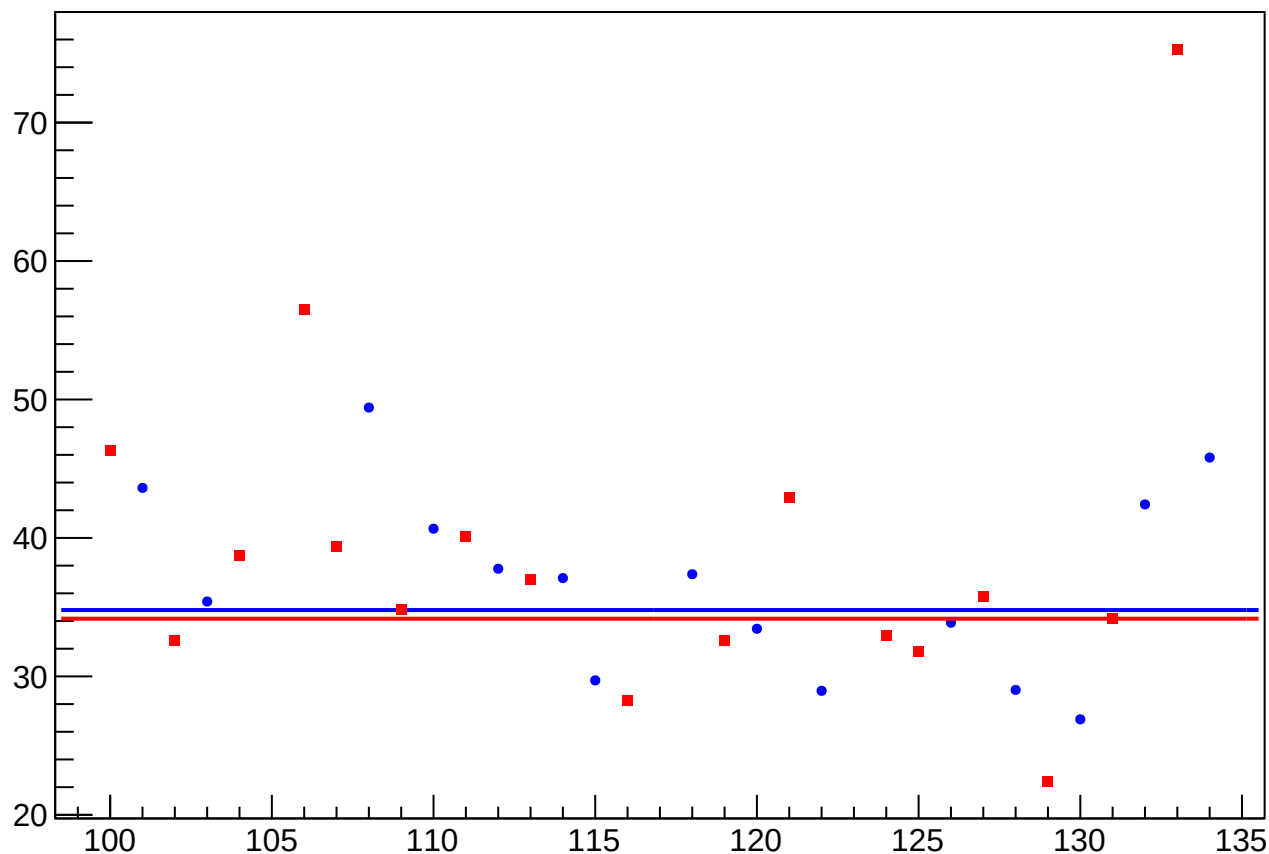
Right: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

In: 0.012 $\pm$ 0.015 χ^2 /NDF:14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.791+/-0.010 χ^2/NDF : 357282.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.169+/-0.010 χ^2/NDF : 641011.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

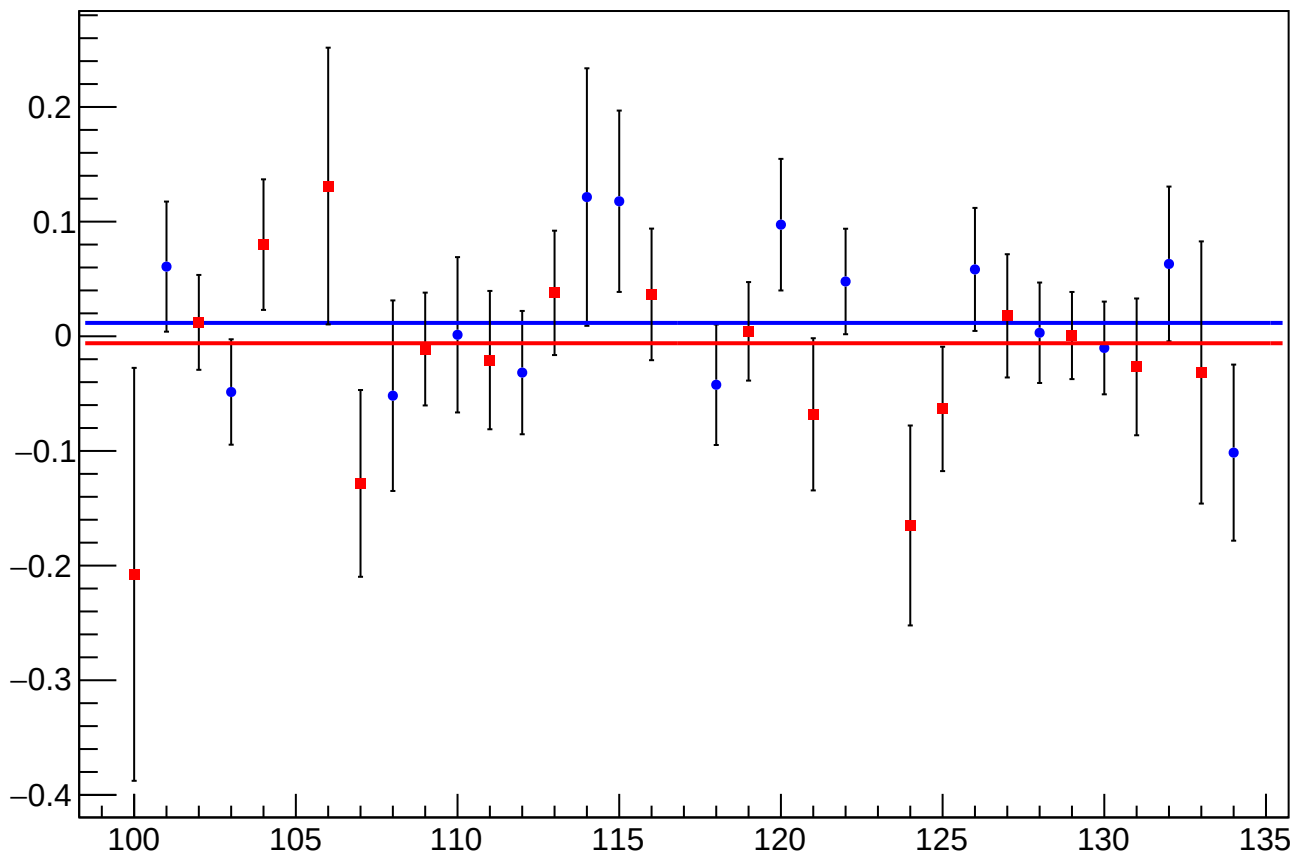
Right: 34.468+/-0.007 χ^2/NDF : 1000199.4/31

In: 34.791+/-0.010 χ^2/NDF : 357282.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.468+/-0.007 χ^2/NDF : 1000199.4/31

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

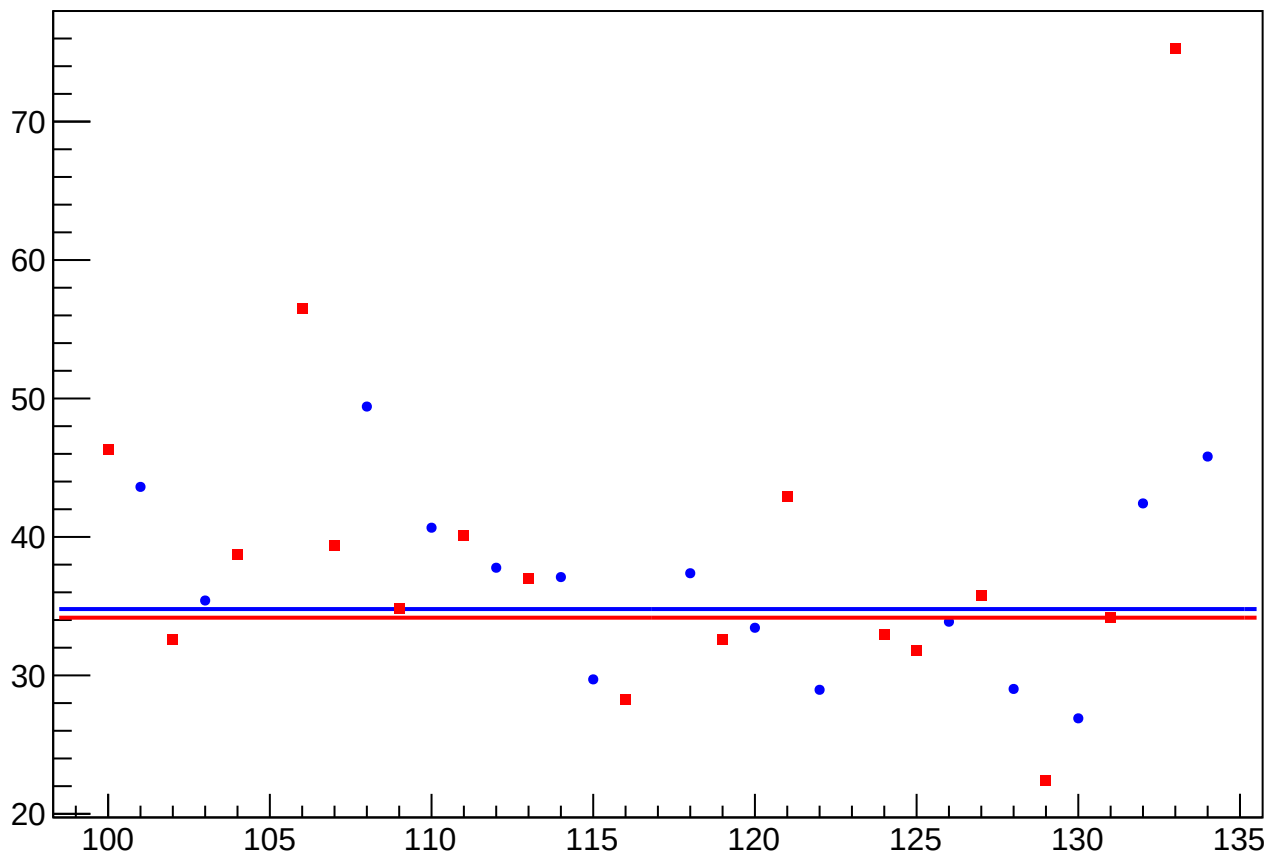
Right: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

In: 0.012 $\pm$ 0.015 χ^2 /NDF:14.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 29.3/31

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.791 $\pm$ 0.010 χ^2/NDF : 357282.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 34.169 $\pm$ 0.010 χ^2/NDF : 641011.4/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

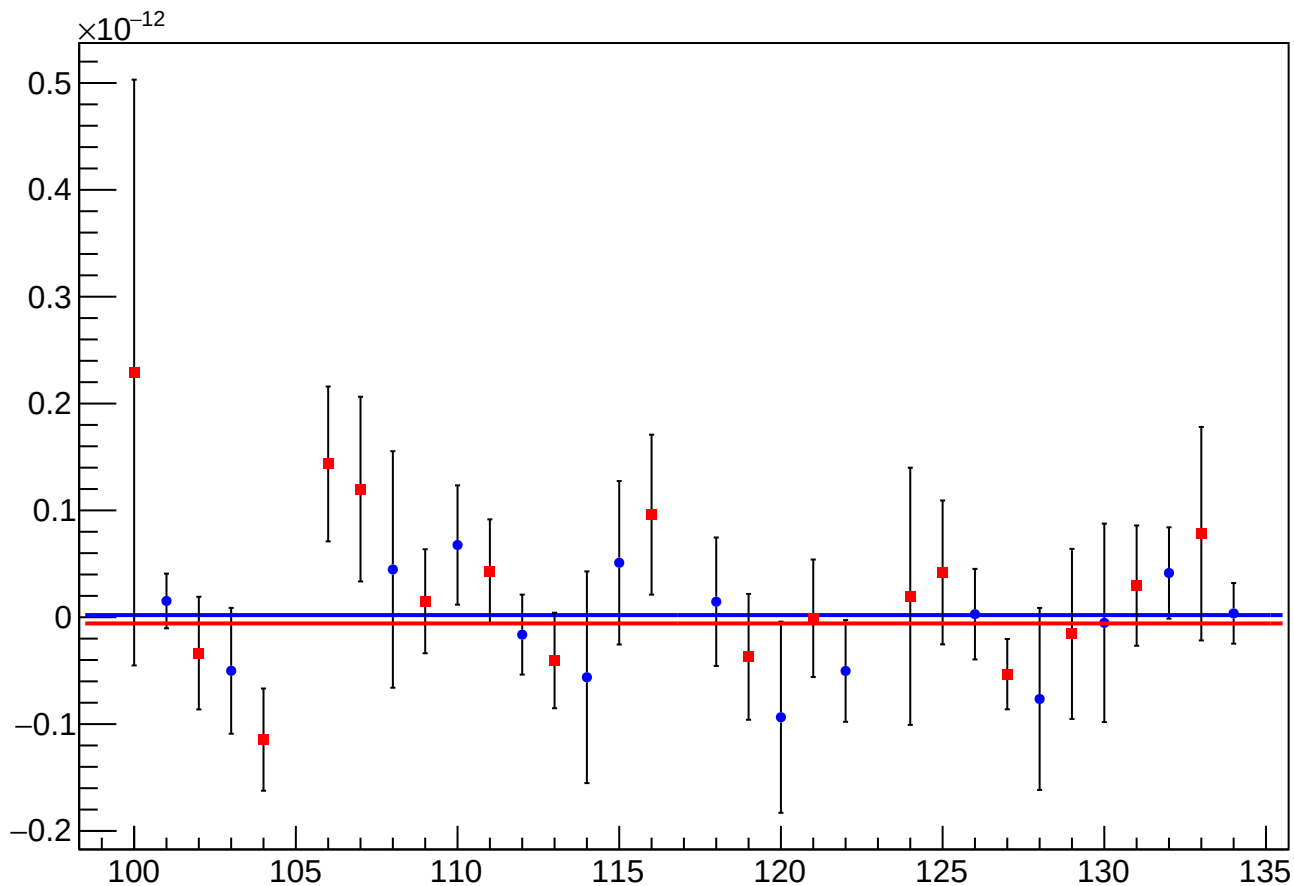
Right: 34.468 $\pm$ 0.007 χ^2/NDF : 1000199.4/31

In: 34.791 $\pm$ 0.010 χ^2/NDF : 357282.8/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 34.468 $\pm$ 0.007 χ^2/NDF : 1000199.4/31

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

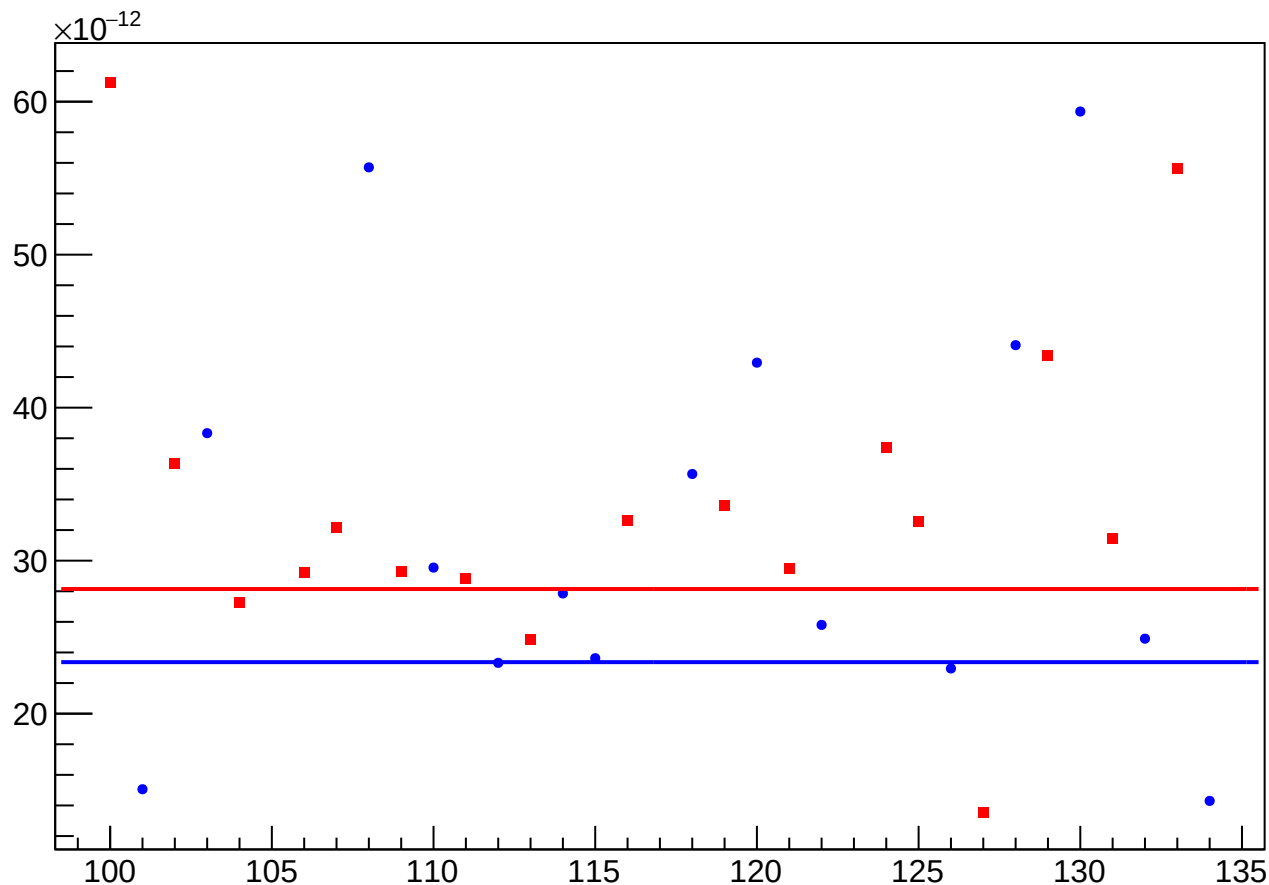
Right: -0.000+/-0.000 χ^2/NDF : 28.1/31

In: 0.000+/-0.000 χ^2/NDF : 7.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/31

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1349972.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 767149.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

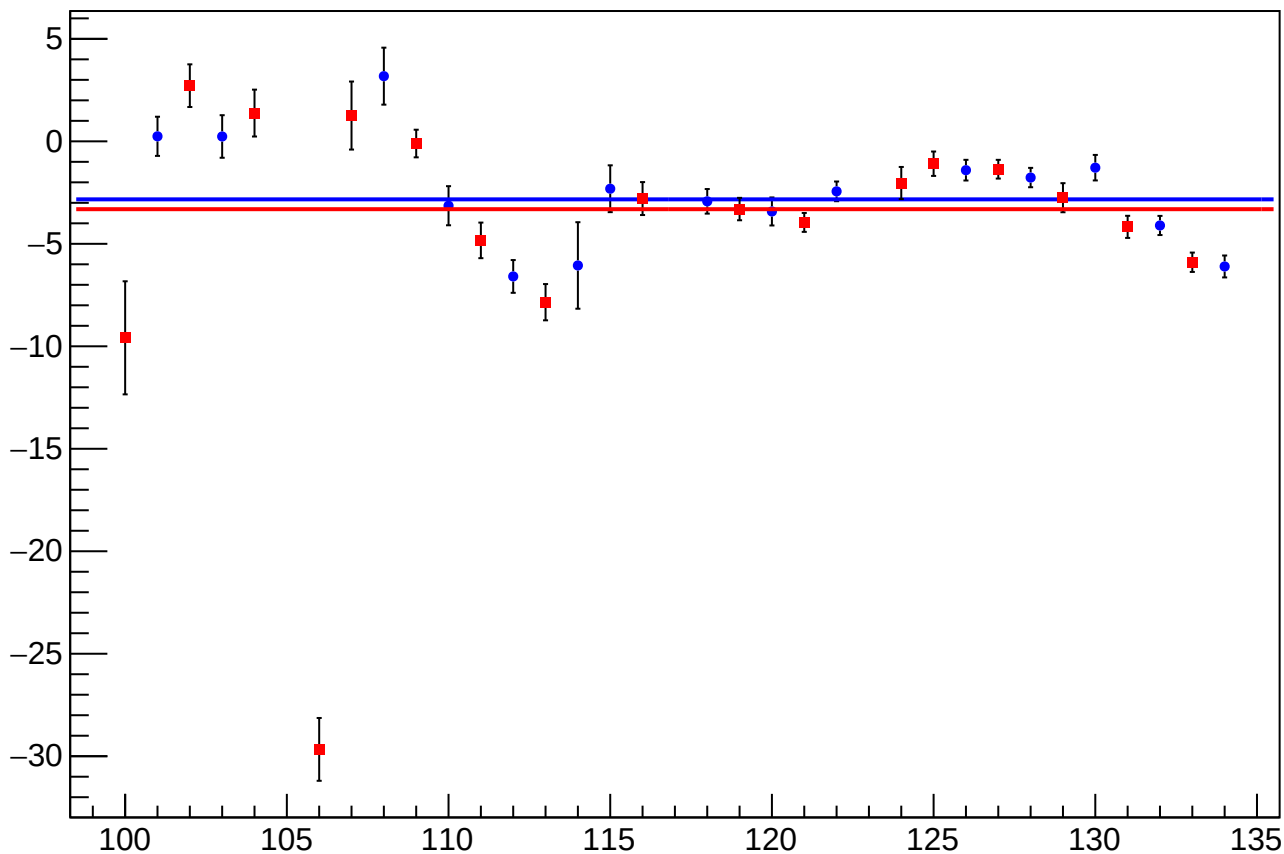
Right: 0.000+/-0.000 χ^2/NDF : 2248463.0/31

In: 0.000+/-0.000 χ^2/NDF : 1349972.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2248463.0/31

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.831 ± 0.170 χ^2/NDF : 128.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.310 ± 0.166 χ^2/NDF : 481.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

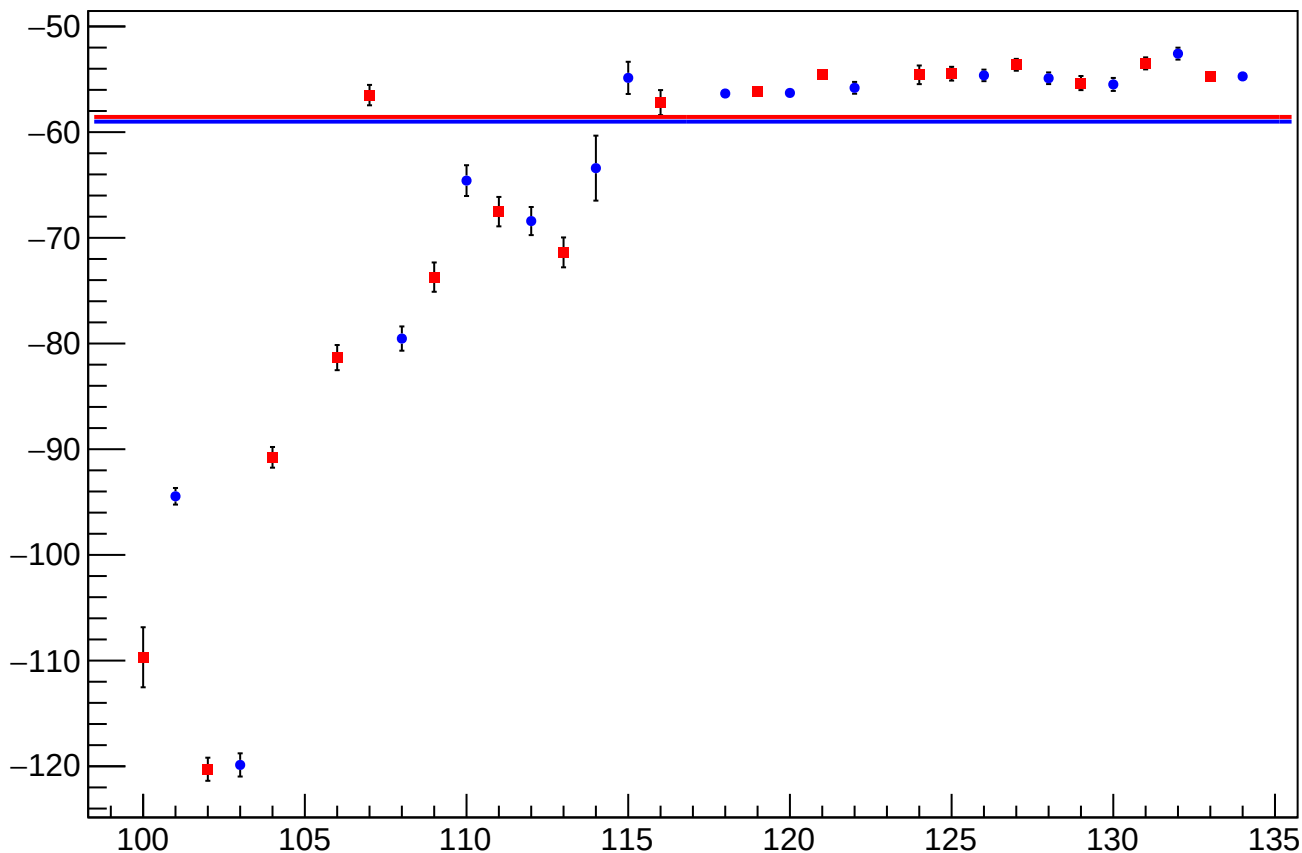
Right: -3.076 ± 0.119 χ^2/NDF : 613.4/31

In: -2.831 ± 0.170 χ^2/NDF : 128.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.076 ± 0.119 χ^2/NDF : 613.4/31

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.004 $\pm$ 0.159 χ^2 /NDF: 6032.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -58.562 $\pm$ 0.160 χ^2 /NDF: 5689.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

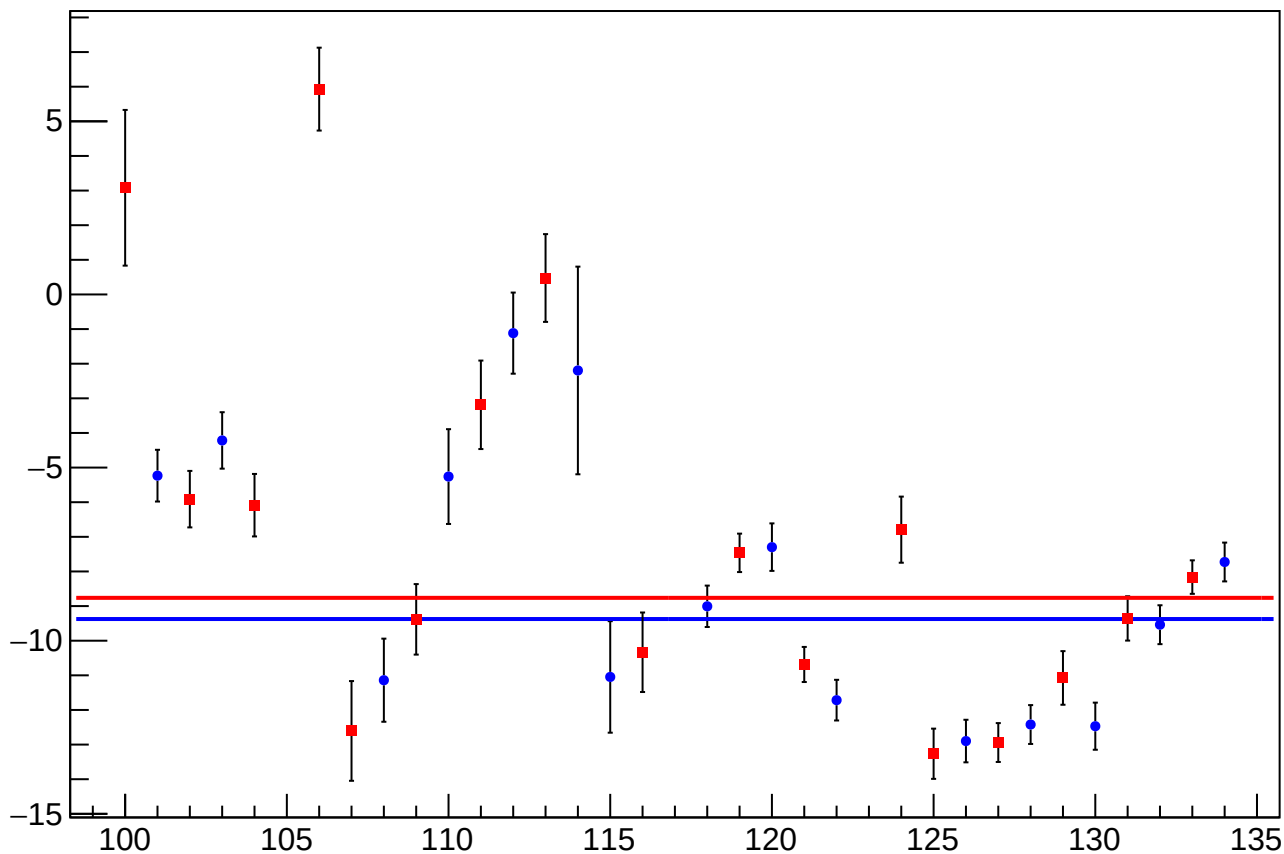
Right: -58.784 $\pm$ 0.113 χ^2 /NDF: 11726.2/31

In: -59.004 $\pm$ 0.159 χ^2 /NDF:6032.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.784 $\pm$ 0.113 χ^2 /NDF: 11726.2/31

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.374 ± 0.189 χ^2/NDF : 255.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.762 ± 0.186 χ^2/NDF : 410.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

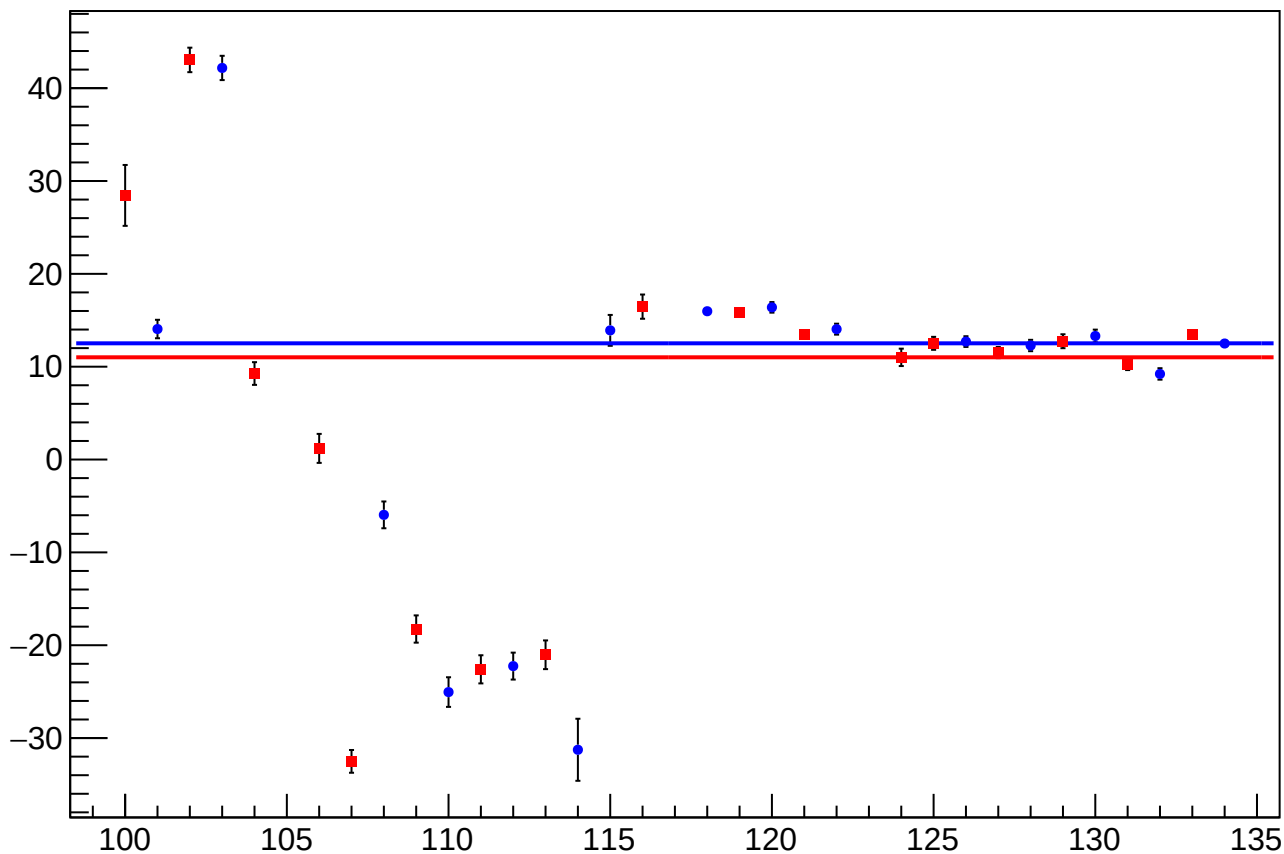
Right: -9.063 ± 0.133 χ^2/NDF : 671.3/31

In: -9.374 ± 0.189 χ^2/NDF : 255.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.063 ± 0.133 χ^2/NDF : 671.3/31

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.517+/-0.184 χ^2/NDF : 2118.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.011+/-0.186 χ^2/NDF : 3439.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

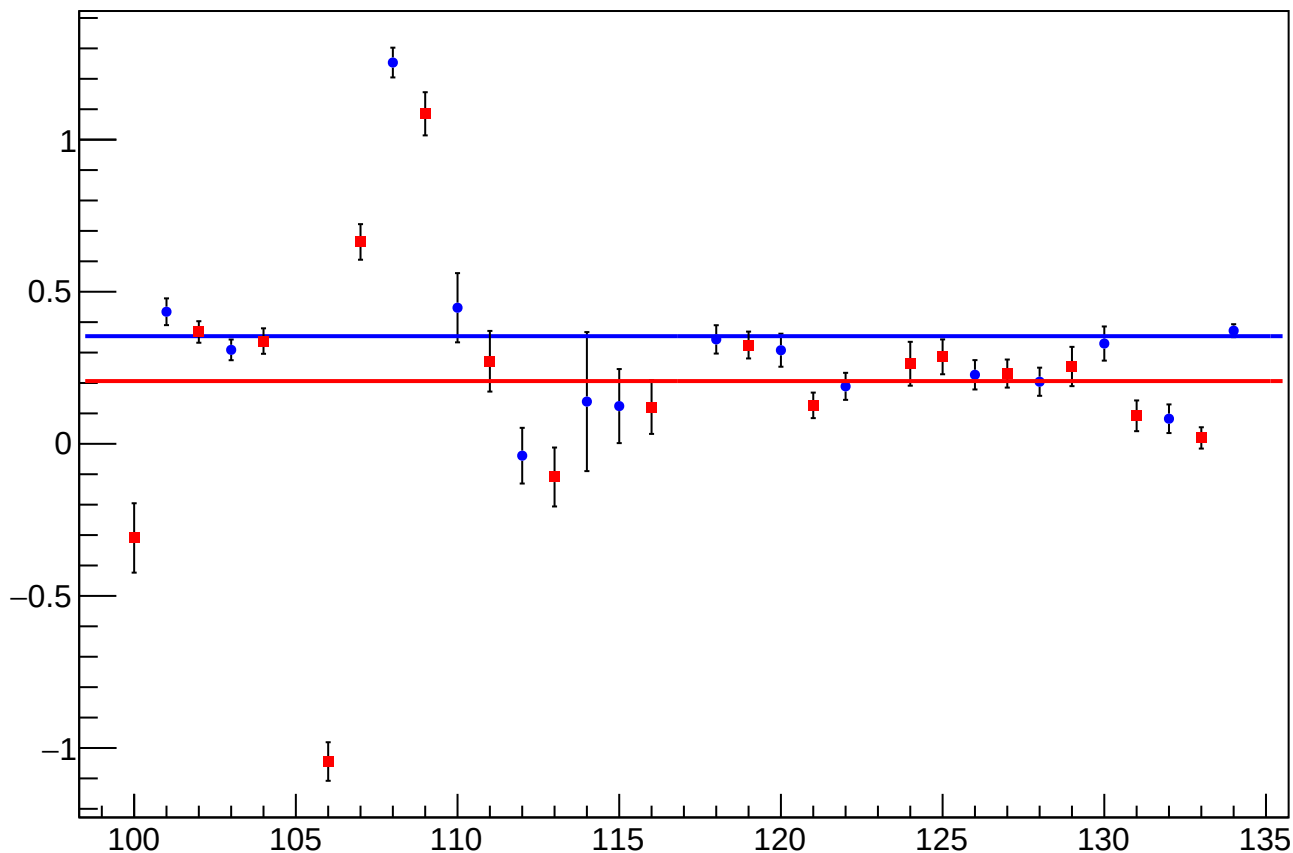
Right: 11.773+/-0.131 χ^2/NDF : 5591.1/31

In: 12.517+/-0.184 χ^2/NDF : 2118.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.773+/-0.131 χ^2/NDF : 5591.1/31

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.354 $\pm$ 0.012 χ^2 /NDF: 432.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.206 $\pm$ 0.013 χ^2 /NDF: 714.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

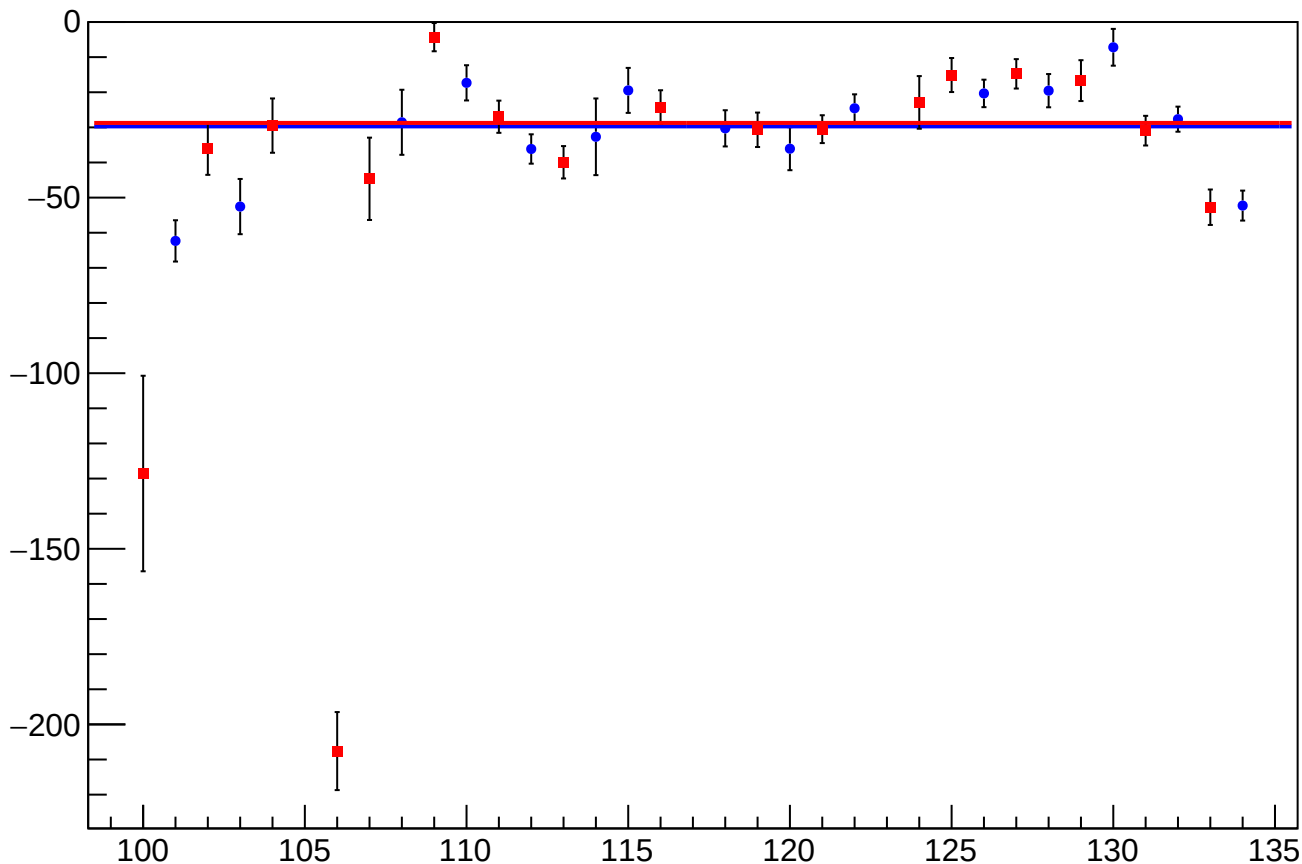
Right: 0.287 $\pm$ 0.009 χ^2 /NDF: 1218.9/31

In: 0.354 $\pm$ 0.012 χ^2 /NDF:432.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.287 $\pm$ 0.009 χ^2 /NDF: 1218.9/31

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.723 ± 1.297 $\chi^2/\text{NDF}: 110.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.733 ± 1.292 $\chi^2/\text{NDF}: 365.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

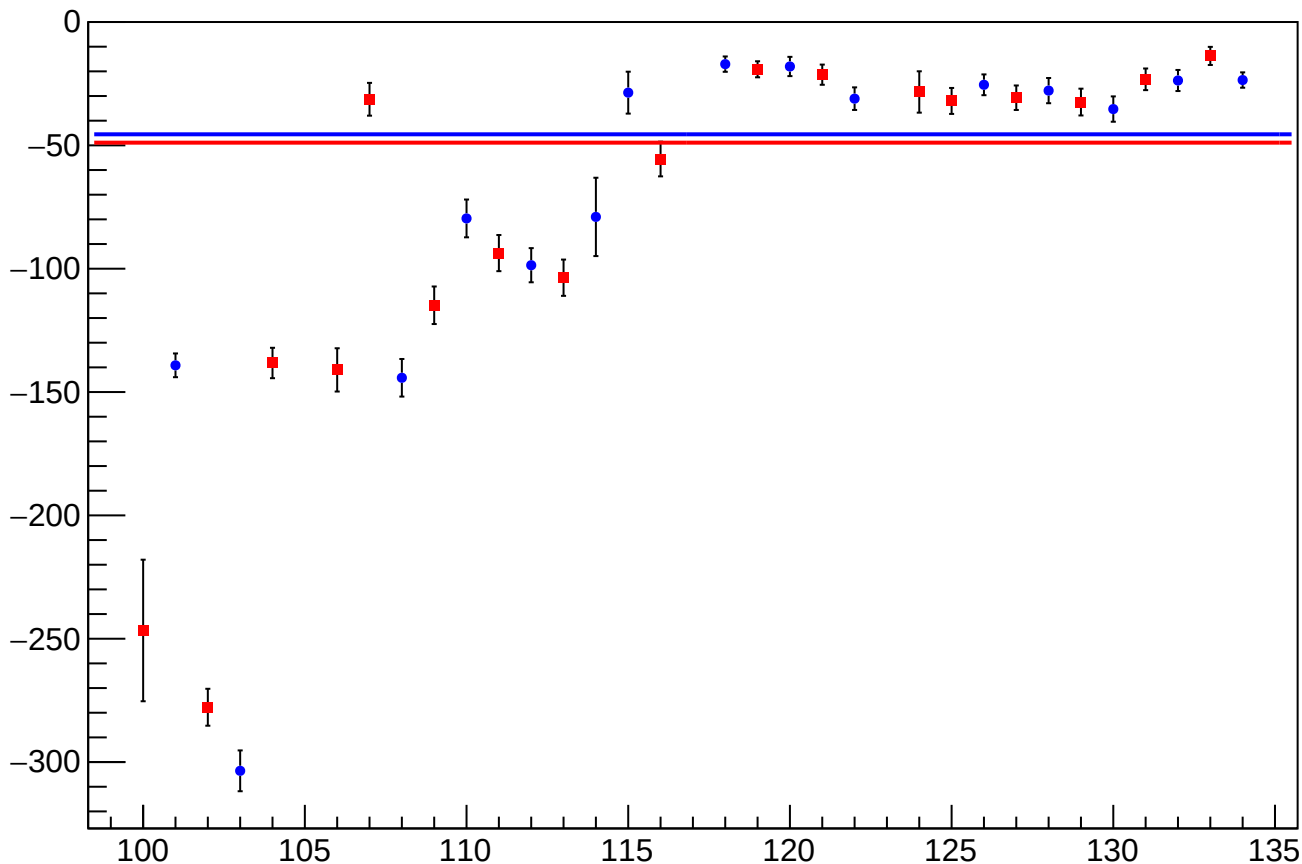
Right: -29.226 ± 0.915 $\chi^2/\text{NDF}: 476.4/31$

In: -29.723 ± 1.297 $\chi^2/\text{NDF}: 110.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.226 ± 0.915 $\chi^2/\text{NDF}: 476.4/31$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -45.520 ± 1.252 χ^2/NDF : 1863.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -48.905 ± 1.335 χ^2/NDF : 1772.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

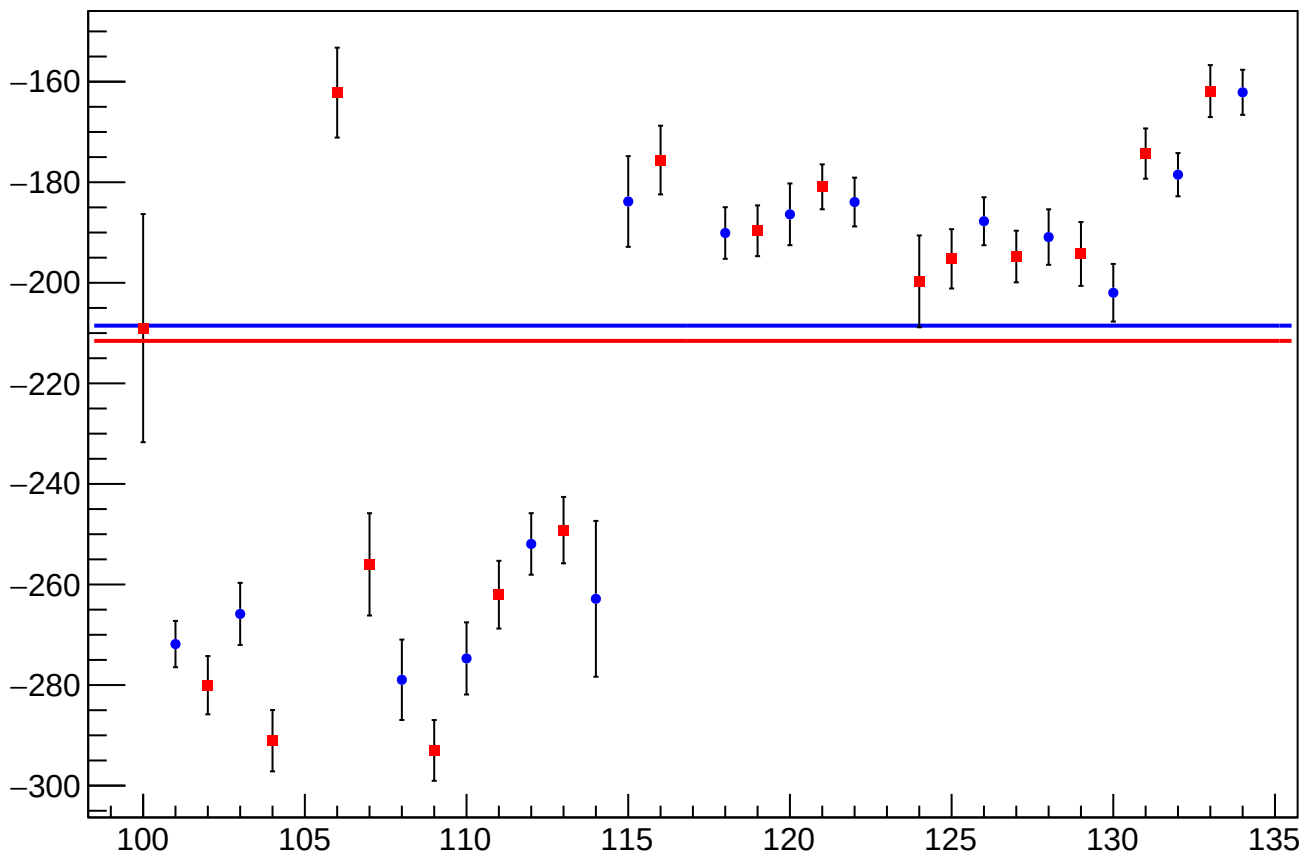
Right: -47.103 ± 0.913 χ^2/NDF : 3639.3/31

In: -45.520 ± 1.252 χ^2/NDF : 1863.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.103 ± 0.913 χ^2/NDF : 3639.3/31

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -208.522+/-1.459 χ^2/NDF : 746.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -211.551+/-1.499 χ^2/NDF : 898.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

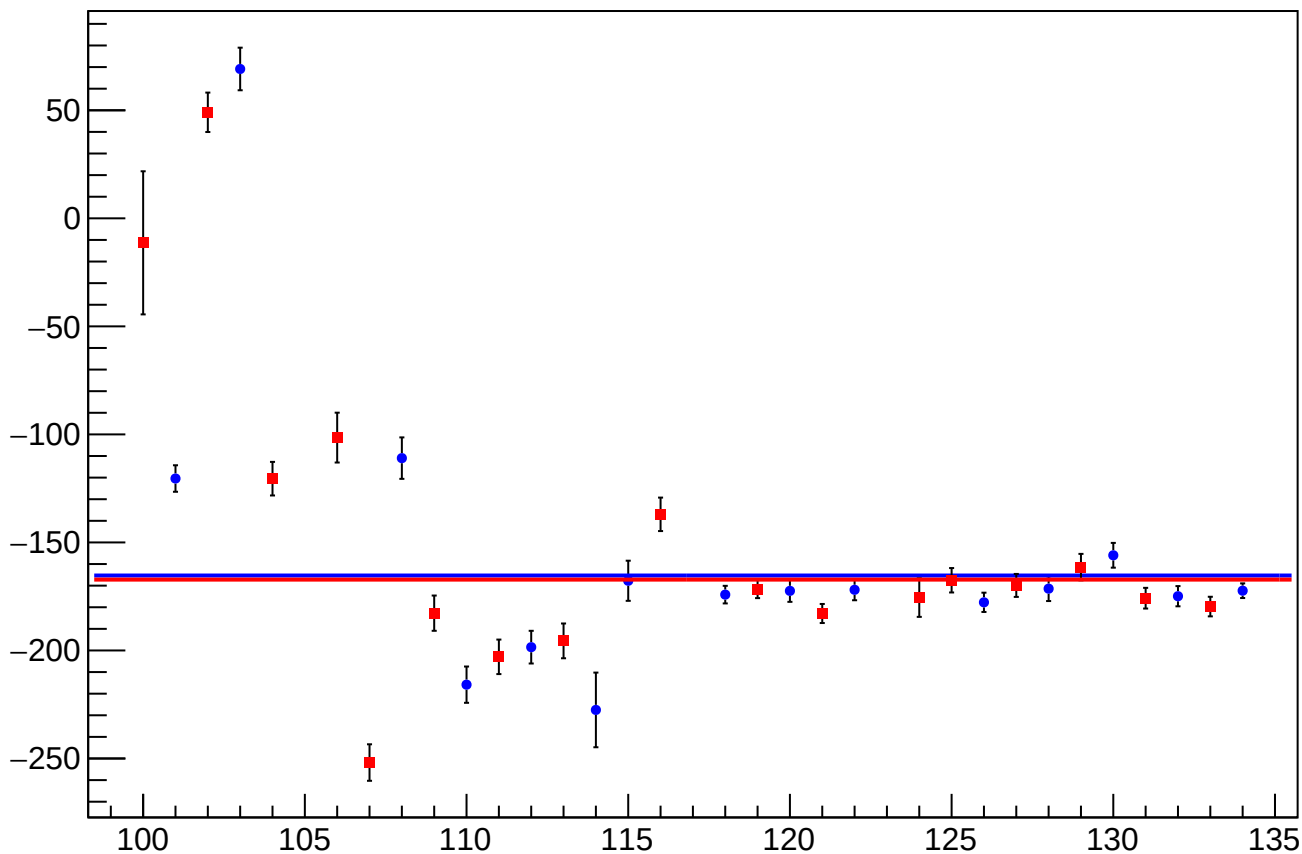
Right: -209.995+/-1.046 χ^2/NDF : 1646.9/31

In: -208.522+/-1.459 χ^2/NDF :746.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -209.995+/-1.046 χ^2/NDF : 1646.9/31

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -165.315+/-1.443 χ^2 /NDF: 748.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -167.207+/-1.542 χ^2 /NDF: 831.3/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

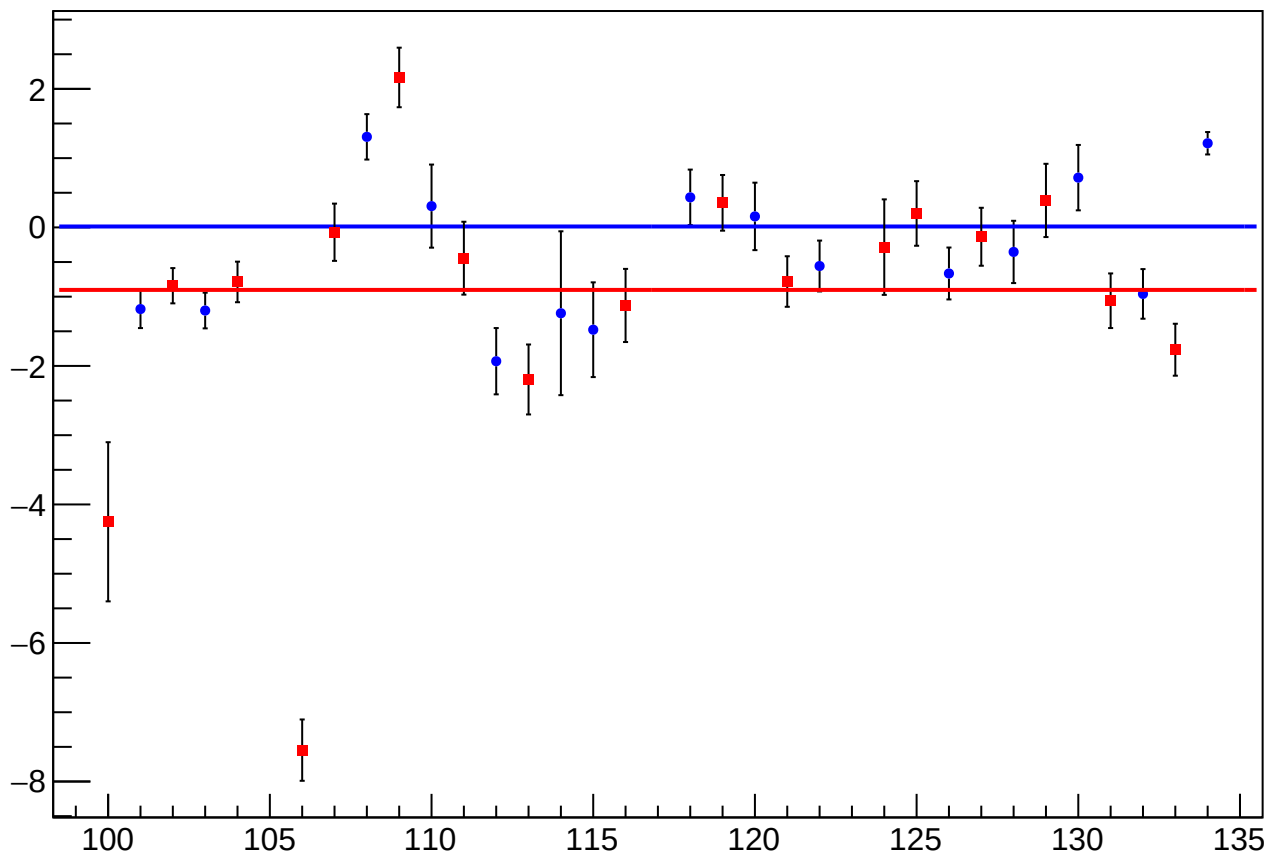
Right: -166.199+/-1.054 χ^2 /NDF: 1580.3/31

In: -165.315+/-1.443 χ^2 /NDF:748.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -166.199+/-1.054 χ^2 /NDF: 1580.3/31

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.088 χ^2 /NDF: 151.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.903 $\pm$ 0.101 χ^2 /NDF: 327.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

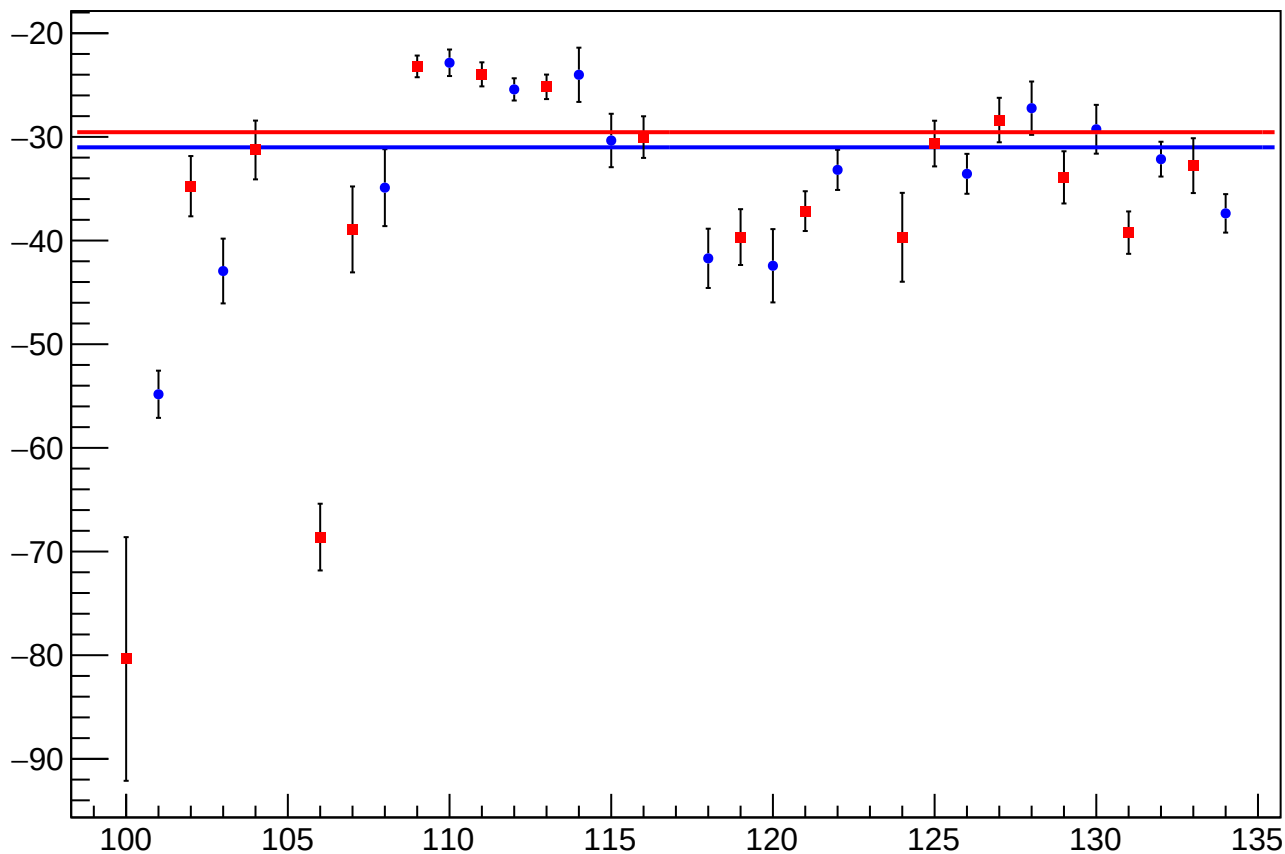
Right: -0.385 $\pm$ 0.066 χ^2 /NDF: 525.6/31

In: 0.013 $\pm$ 0.088 χ^2 /NDF:151.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.385 $\pm$ 0.066 χ^2 /NDF: 525.6/31

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.006 $\pm$ 0.509 χ^2 /NDF: 242.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.547 $\pm$ 0.474 χ^2 /NDF: 311.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

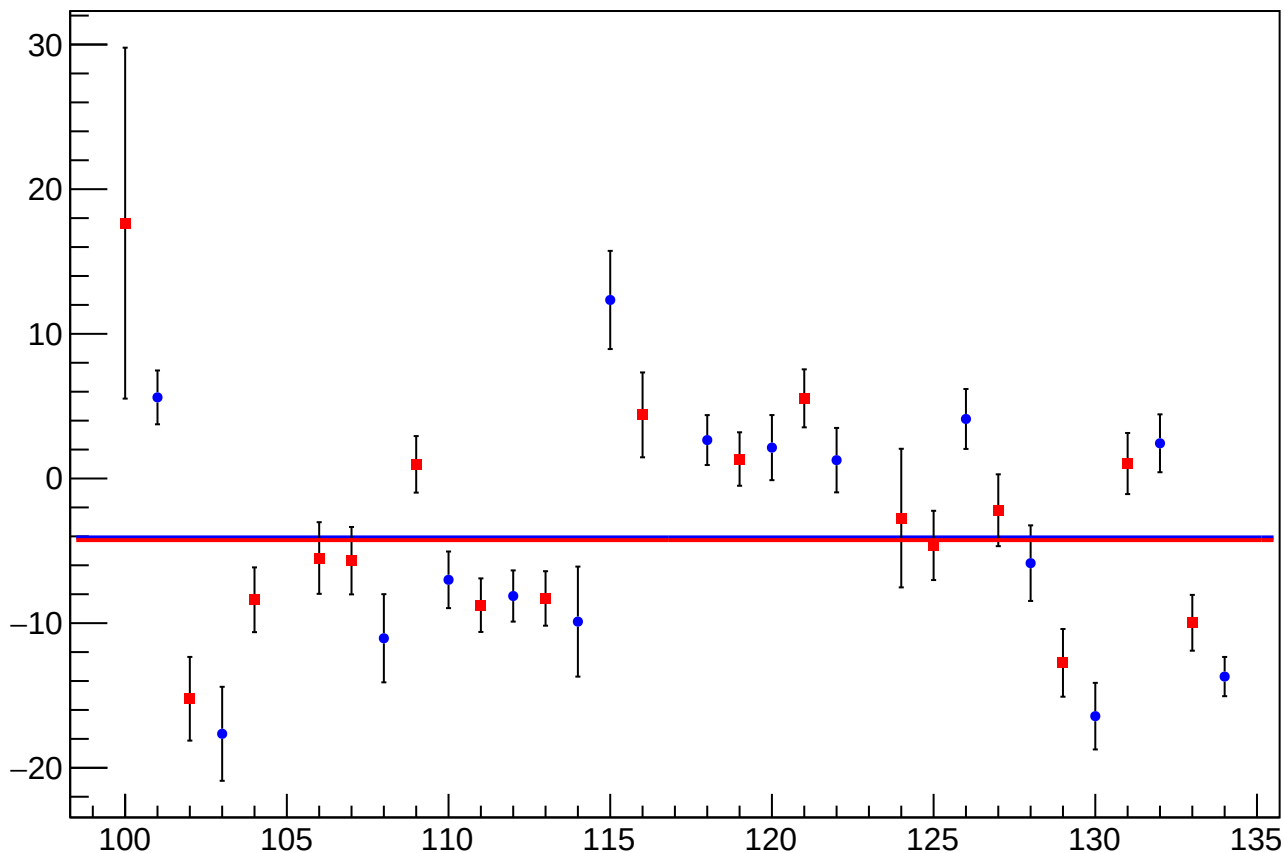
Right: -30.225 $\pm$ 0.347 χ^2 /NDF: 558.2/31

In: -31.006 $\pm$ 0.509 χ^2 /NDF:242.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.225 $\pm$ 0.347 χ^2 /NDF: 558.2/31

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.073+/-0.548 χ^2/NDF : 217.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.259+/-0.557 χ^2/NDF : 110.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

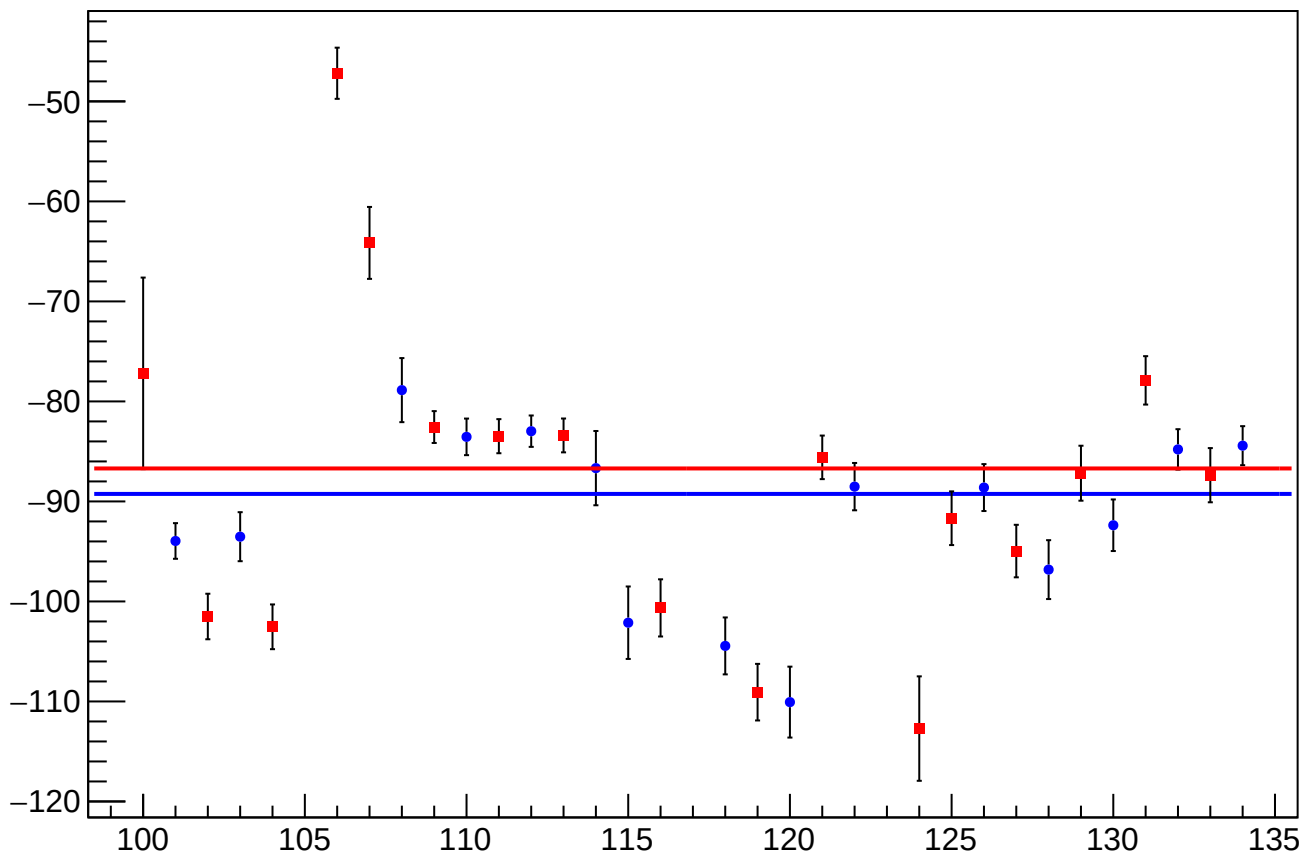
Right: -4.165+/-0.391 χ^2/NDF : 327.6/31

In: -4.073+/-0.548 χ^2/NDF :217.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.165+/-0.391 χ^2/NDF : 327.6/31

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.249+/-0.601 χ^2/NDF : 141.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.704+/-0.583 χ^2/NDF : 523.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

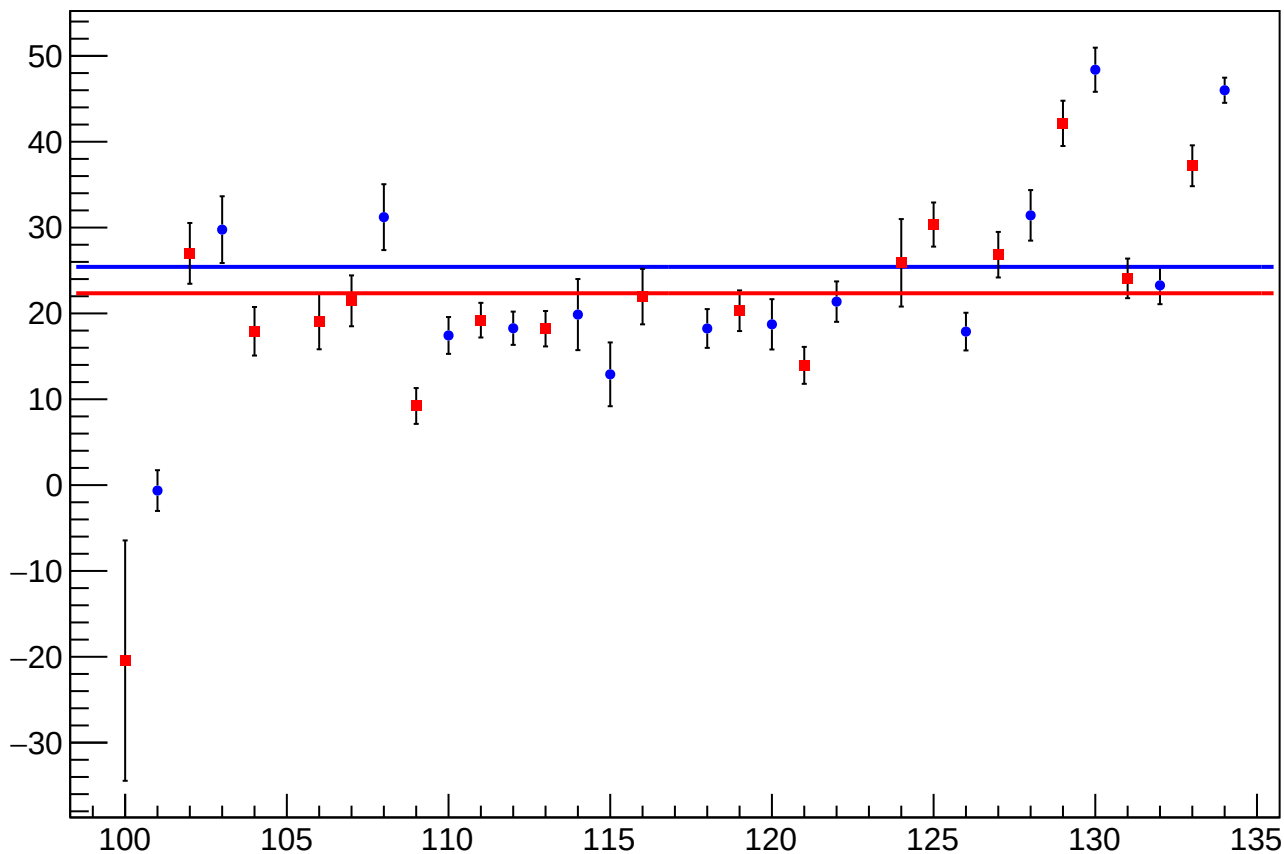
Right: -87.938+/-0.419 χ^2/NDF : 674.3/31

In: -89.249+/-0.601 χ^2/NDF : 141.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.938+/-0.419 χ^2/NDF : 674.3/31

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.421 $\pm$ 0.624 χ^2 /NDF: 476.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.348 $\pm$ 0.638 χ^2 /NDF: 185.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

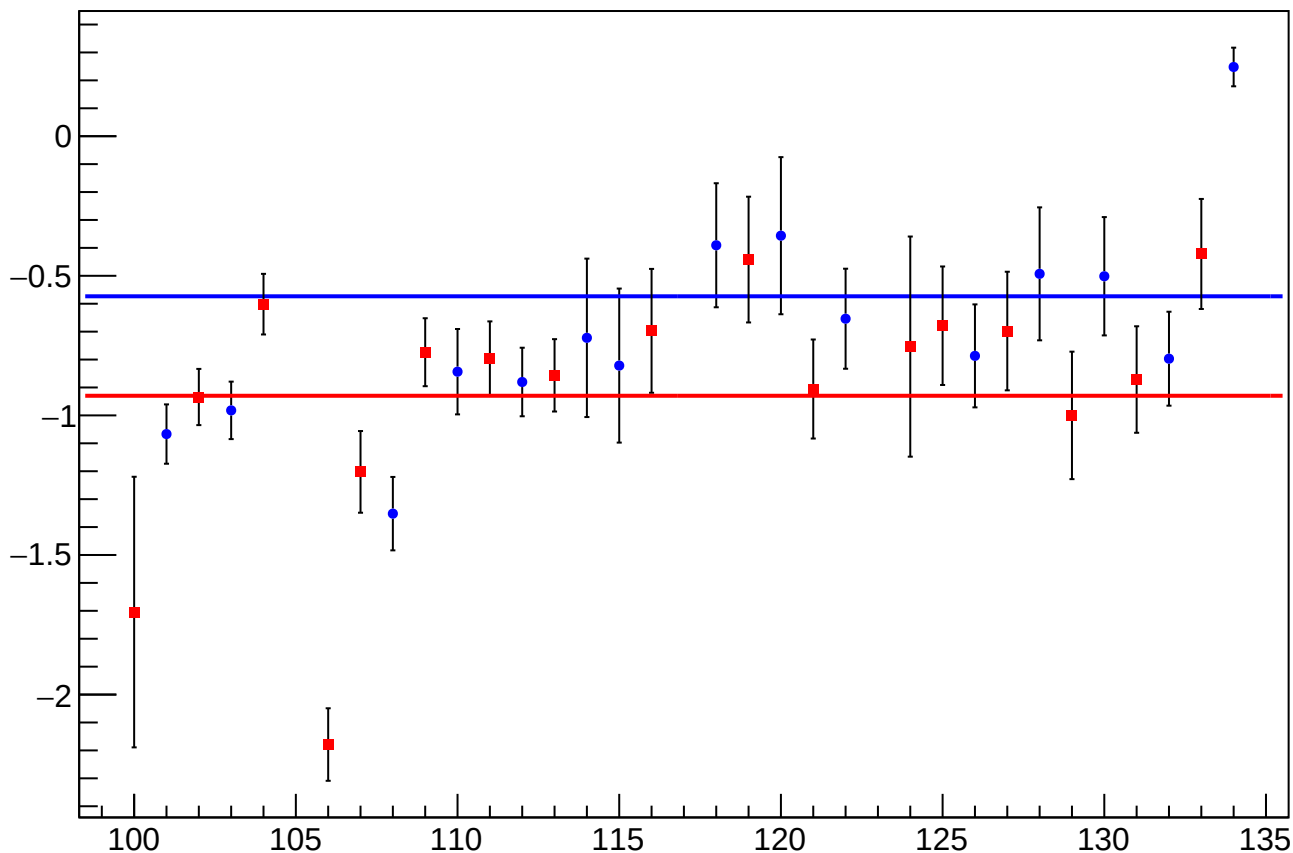
Right: 23.918 $\pm$ 0.446 χ^2 /NDF: 674.1/31

In: 25.421 $\pm$ 0.624 χ^2 /NDF: 476.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.918 $\pm$ 0.446 χ^2 /NDF: 674.1/31

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.573 ± 0.036 χ^2/NDF : 228.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.930 ± 0.039 χ^2/NDF : 126.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

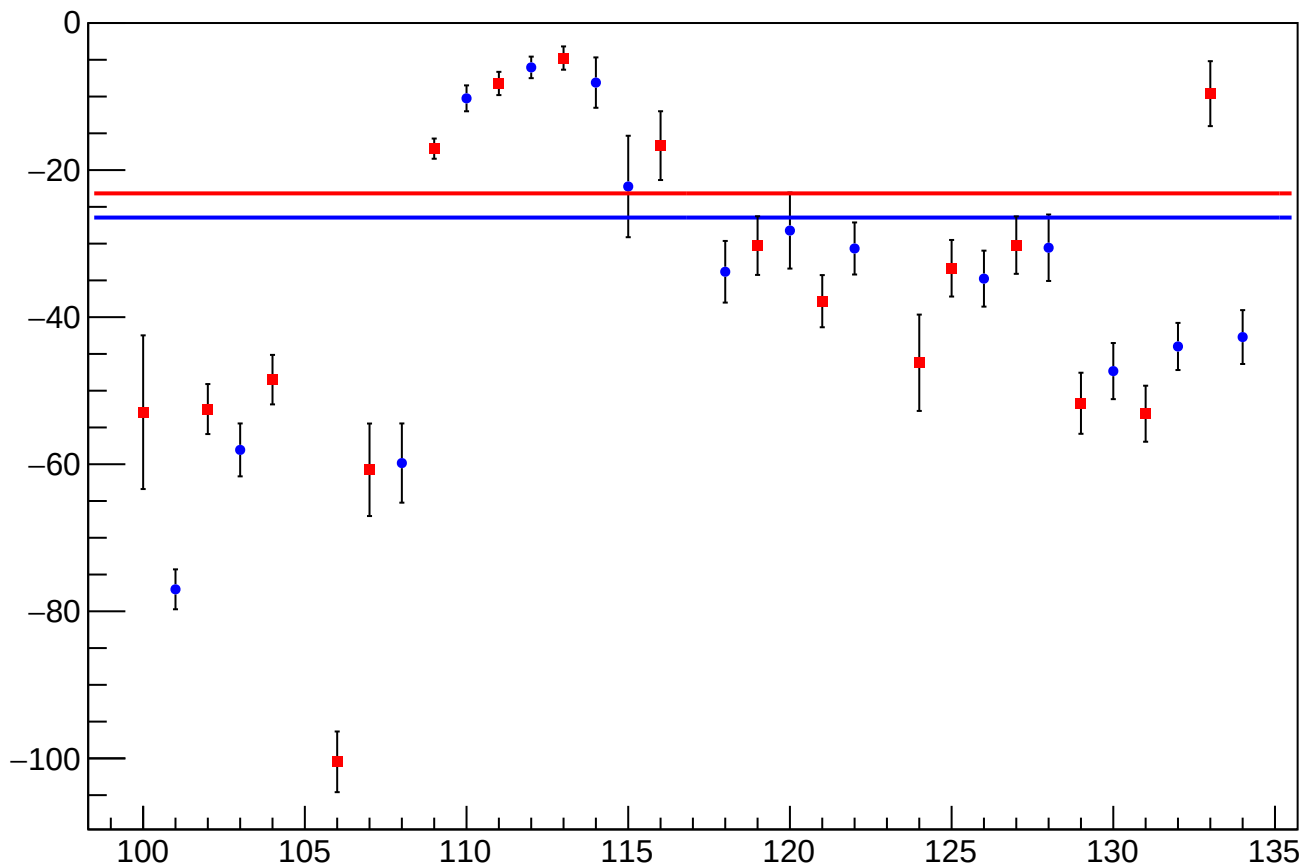
Right: -0.741 ± 0.026 χ^2/NDF : 399.7/31

In: -0.573 ± 0.036 χ^2/NDF : 228.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.741 ± 0.026 χ^2/NDF : 399.7/31

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.455 ± 0.773 χ^2/NDF : 860.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.168 ± 0.687 χ^2/NDF : 933.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

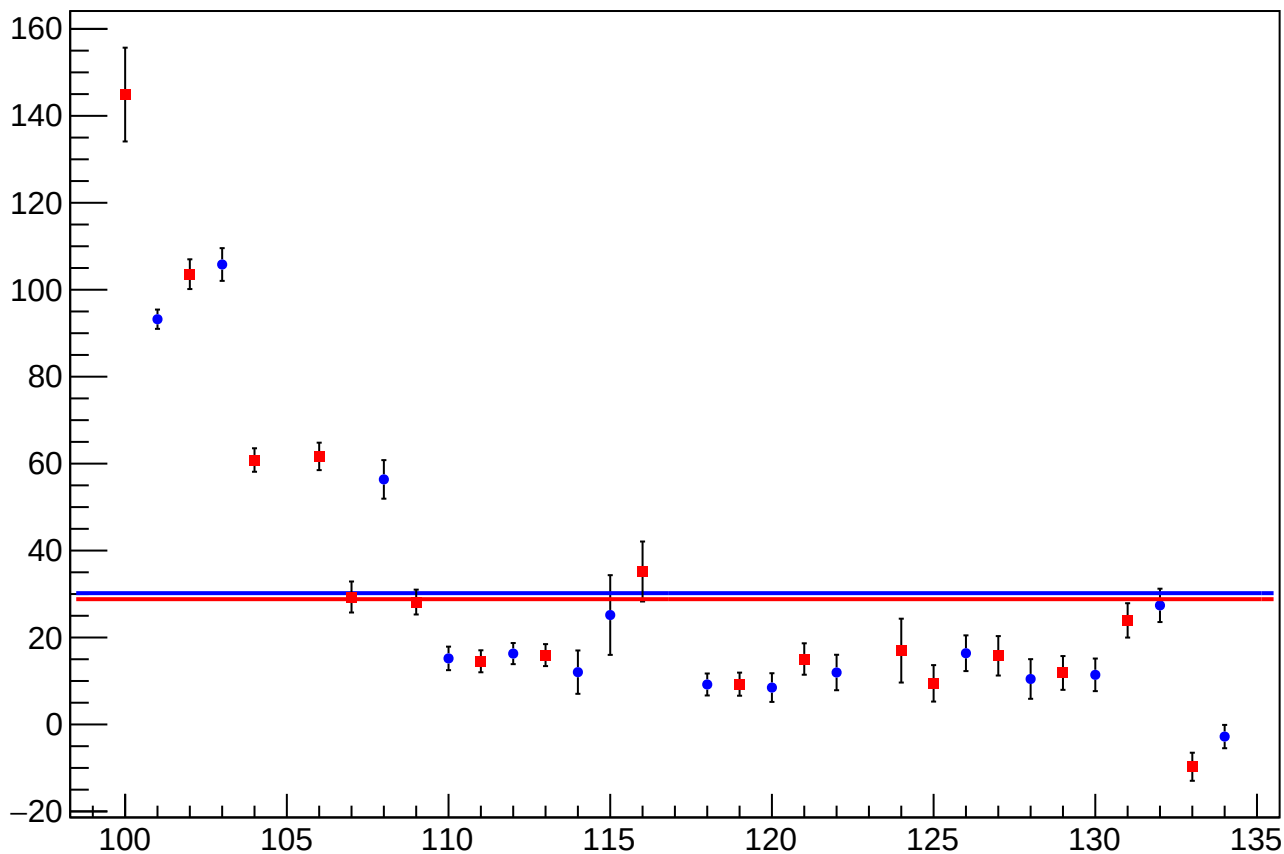
Right: -24.618 ± 0.513 χ^2/NDF : 1804.4/31

In: -26.455 ± 0.773 χ^2/NDF : 860.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.618 ± 0.513 χ^2/NDF : 1804.4/31

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.202+/-0.852 χ^2/NDF : 1660.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.819+/-0.835 χ^2/NDF : 1164.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

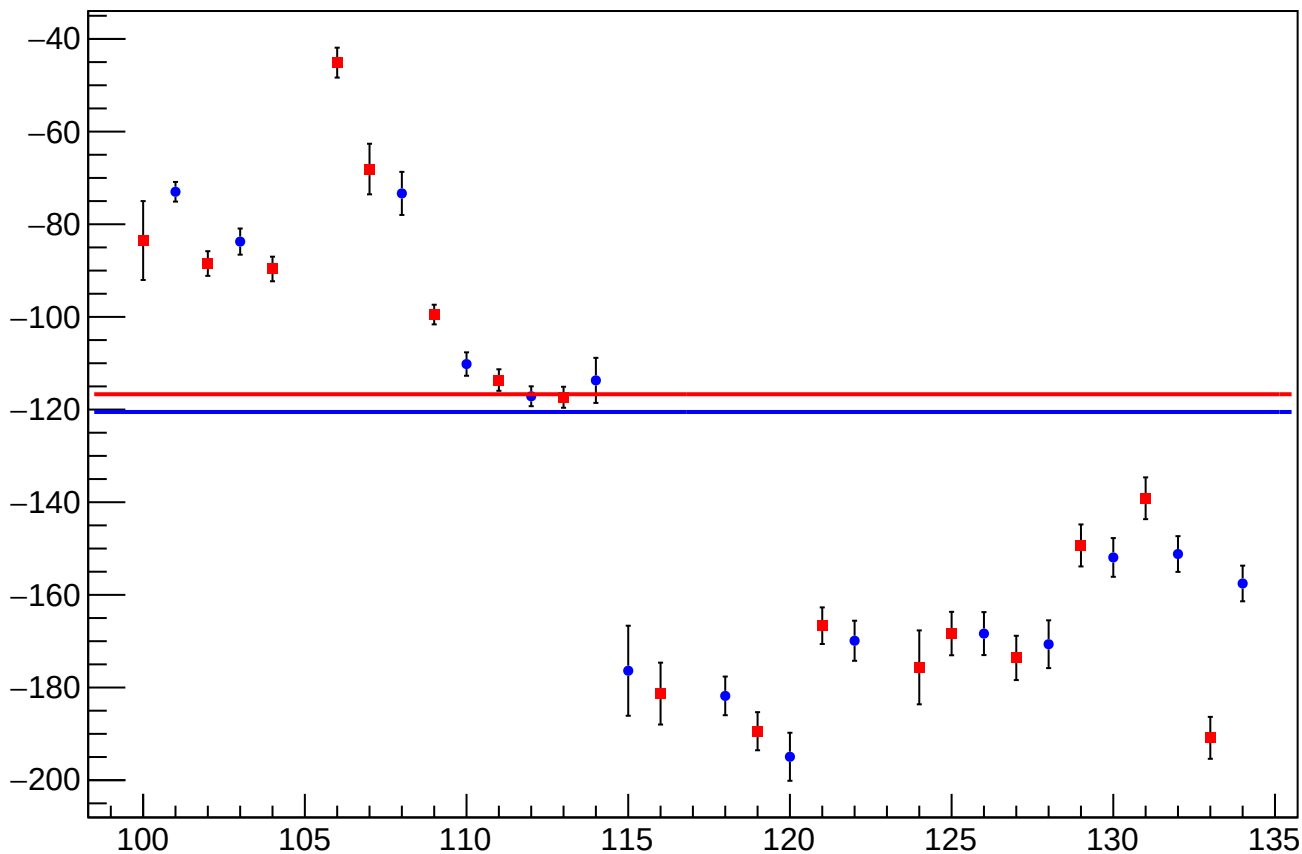
Right: 29.496+/-0.596 χ^2/NDF : 2826.5/31

In: 30.202+/-0.852 χ^2/NDF : 1660.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.496+/-0.596 χ^2/NDF : 2826.5/31

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -120.520 ± 0.896 χ^2/NDF : 1793.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.692 ± 0.838 χ^2/NDF : 2098.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

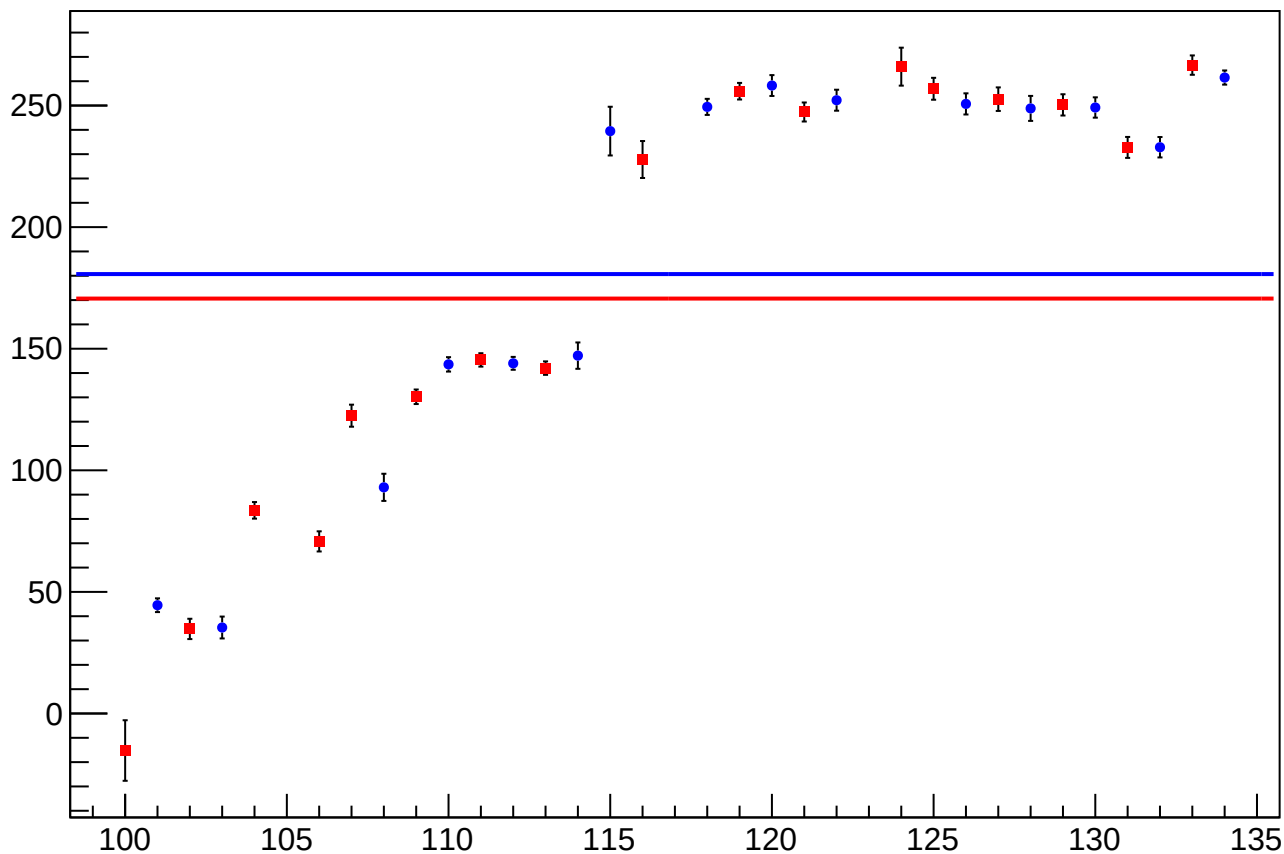
Right: -118.477 ± 0.612 χ^2/NDF : 3901.6/31

In: -120.520 ± 0.896 χ^2/NDF : 1793.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -118.477 ± 0.612 χ^2/NDF : 3901.6/31

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 180.693+/-0.986 χ^2/NDF : 6692.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.623+/-0.963 χ^2/NDF : 5991.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

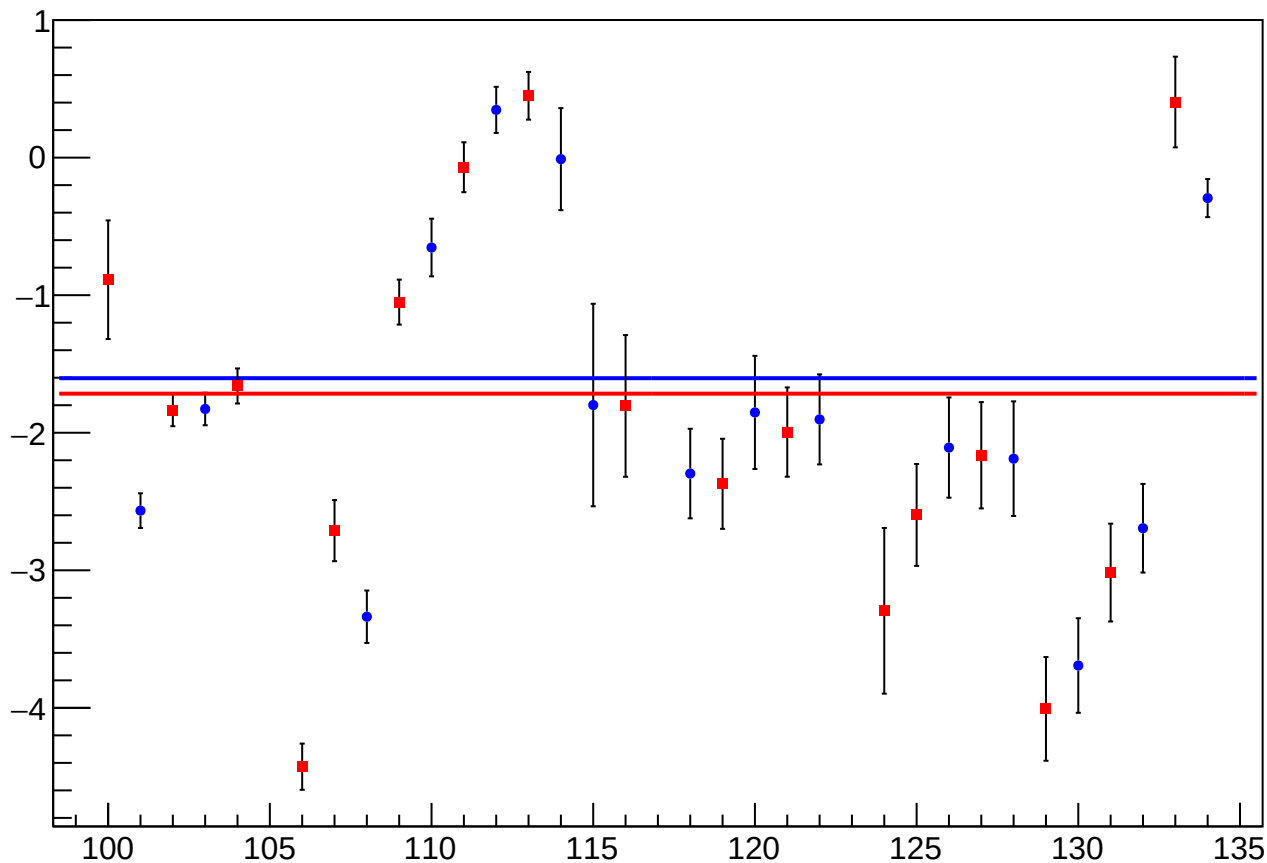
Right: 175.541+/-0.689 χ^2/NDF : 12737.5/31

In: 180.693+/-0.986 χ^2/NDF : 6692.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.541+/-0.689 χ^2/NDF : 12737.5/31

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.603 ± 0.054 χ^2/NDF : 466.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.716 ± 0.053 χ^2/NDF : 650.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

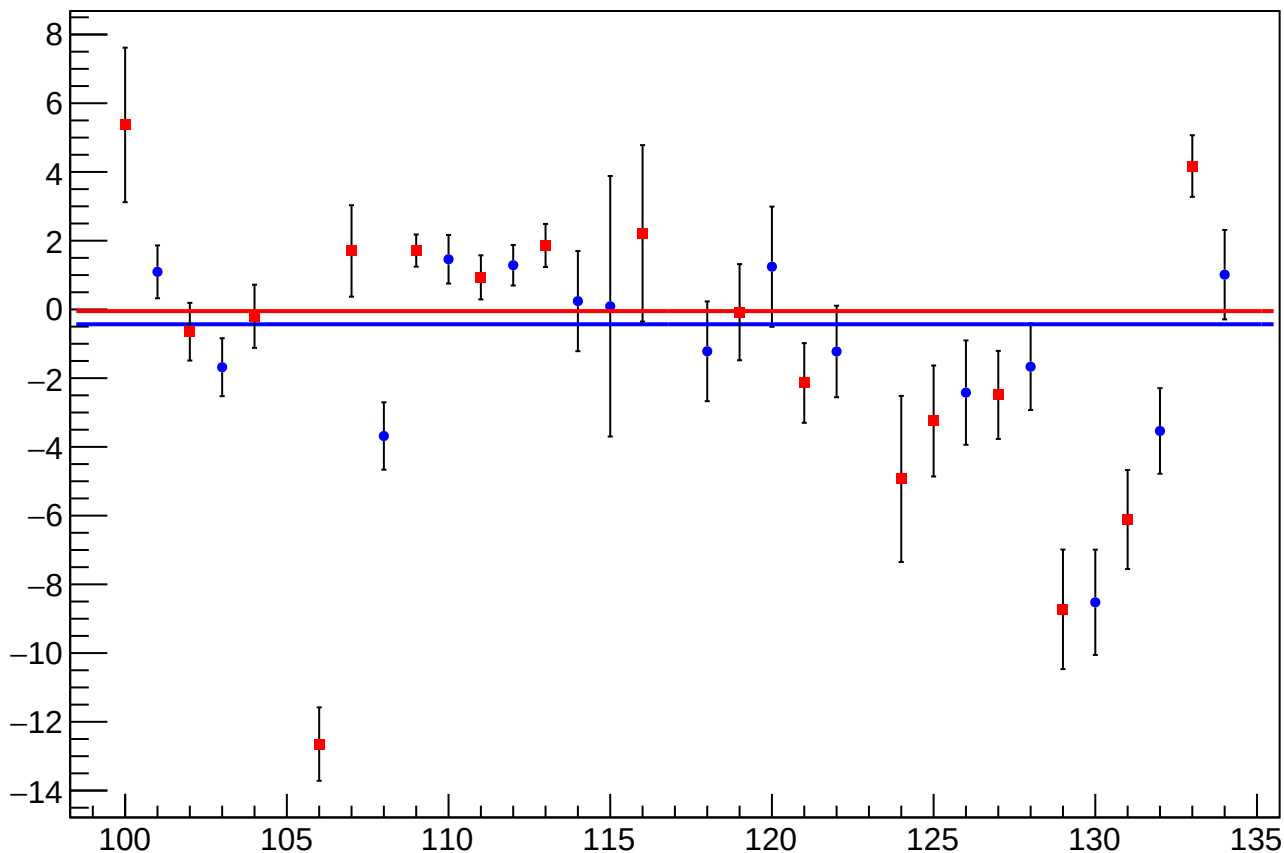
Right: -1.661 ± 0.038 χ^2/NDF : 1119.5/31

In: -1.603 ± 0.054 χ^2/NDF : 466.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.661 ± 0.038 χ^2/NDF : 1119.5/31

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.432 ± 0.271 χ^2/NDF : 72.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.049 ± 0.233 χ^2/NDF : 253.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

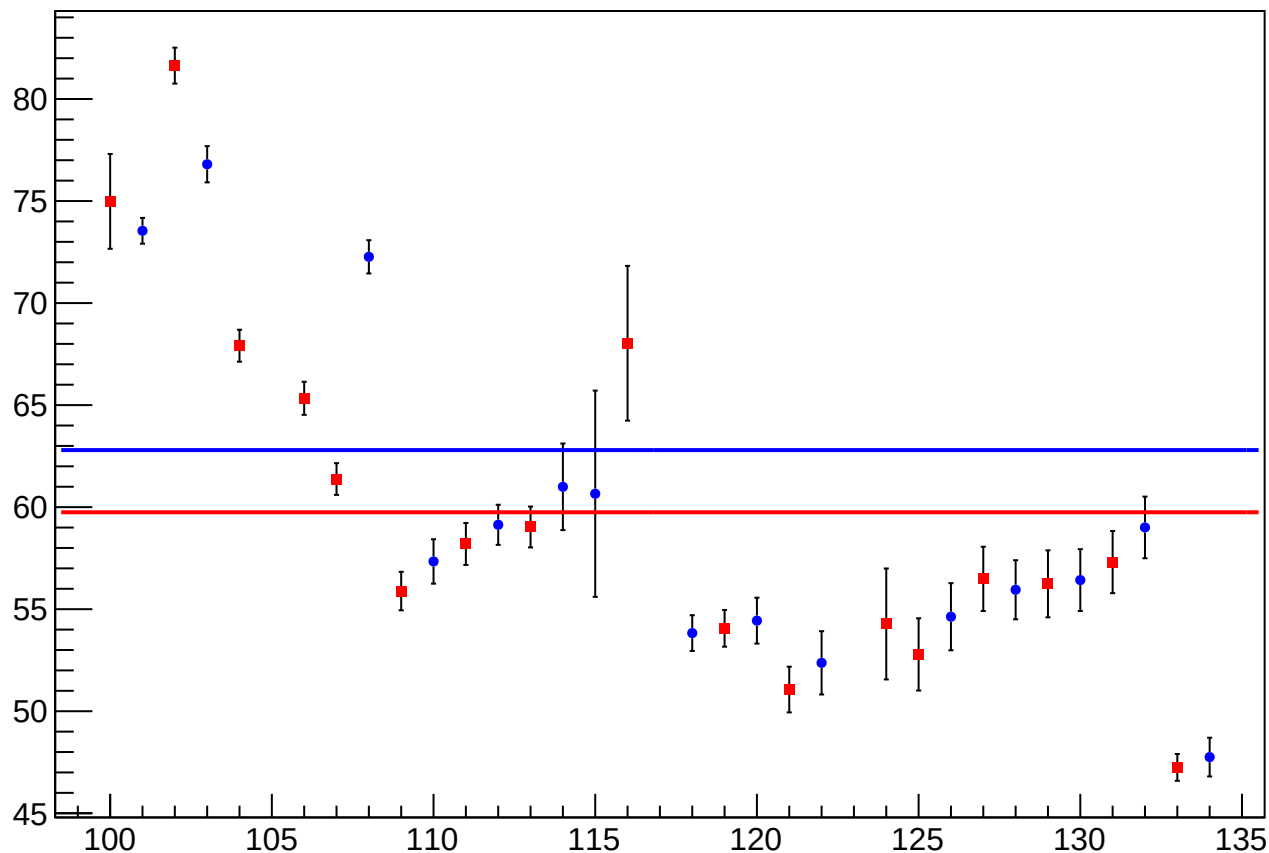
Right: -0.212 ± 0.177 χ^2/NDF : 327.2/31

In: -0.432 ± 0.271 χ^2/NDF : 72.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.212 ± 0.177 χ^2/NDF : 327.2/31

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.796 $\pm$ 0.280 χ^2 /NDF: 1239.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.749 $\pm$ 0.255 χ^2 /NDF: 1340.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

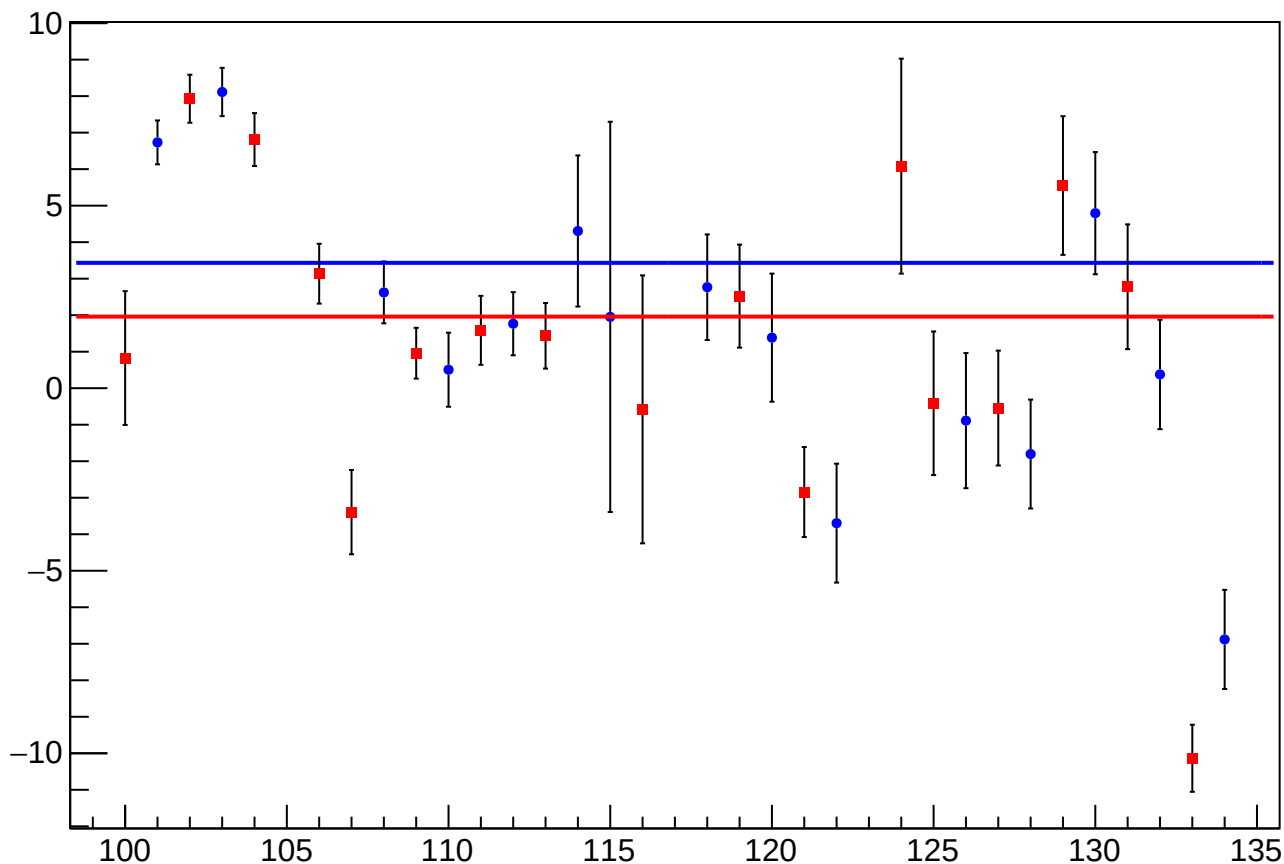
Right: 61.128 $\pm$ 0.188 χ^2 /NDF: 2644.6/31

In: 62.796 $\pm$ 0.280 χ^2 /NDF:1239.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.128 $\pm$ 0.188 χ^2 /NDF: 2644.6/31

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.434 ± 0.285 χ^2/NDF : 194.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.961 ± 0.258 χ^2/NDF : 352.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

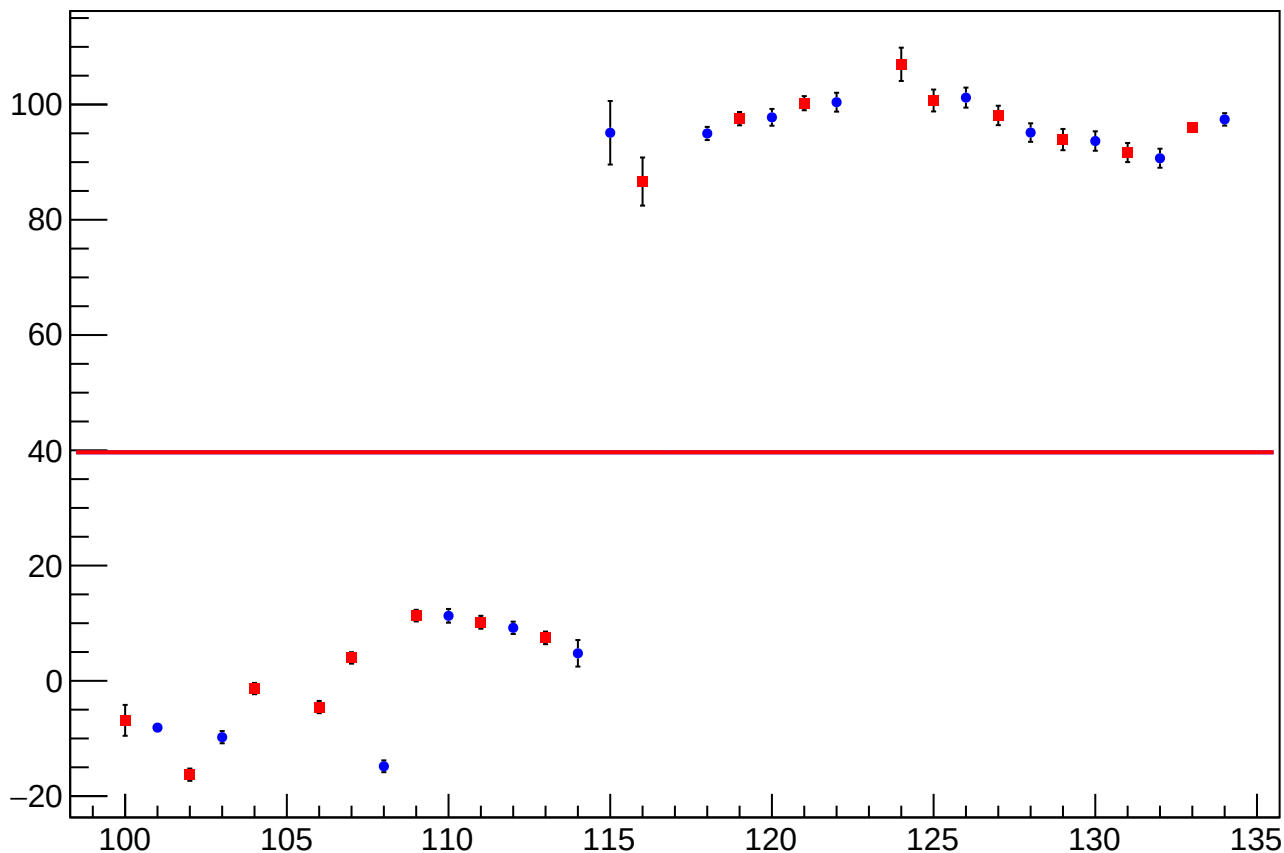
Right: 2.624 ± 0.191 χ^2/NDF : 561.9/31

In: 3.434 ± 0.285 χ^2/NDF : 194.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.624 ± 0.191 χ^2/NDF : 561.9/31

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.647+/-0.332 χ^2 /NDF: 22845.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.661+/-0.301 χ^2 /NDF: 24779.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

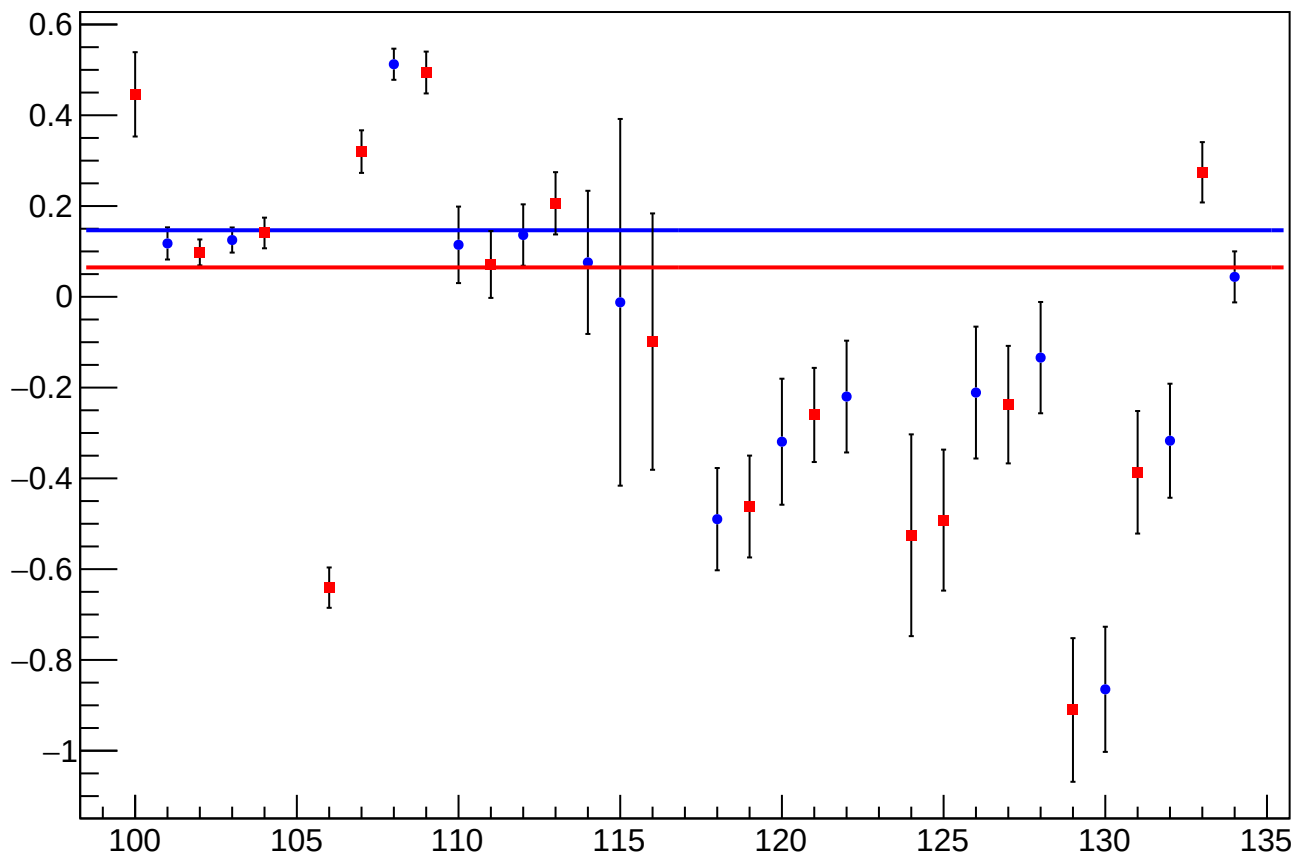
Right: 39.655+/-0.223 χ^2 /NDF: 47625.3/31

In: 39.647+/-0.332 χ^2 /NDF:22845.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 39.655+/-0.223 χ^2 /NDF: 47625.3/31

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.147+/-0.016 χ^2/NDF : 249.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.015 χ^2/NDF : 512.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

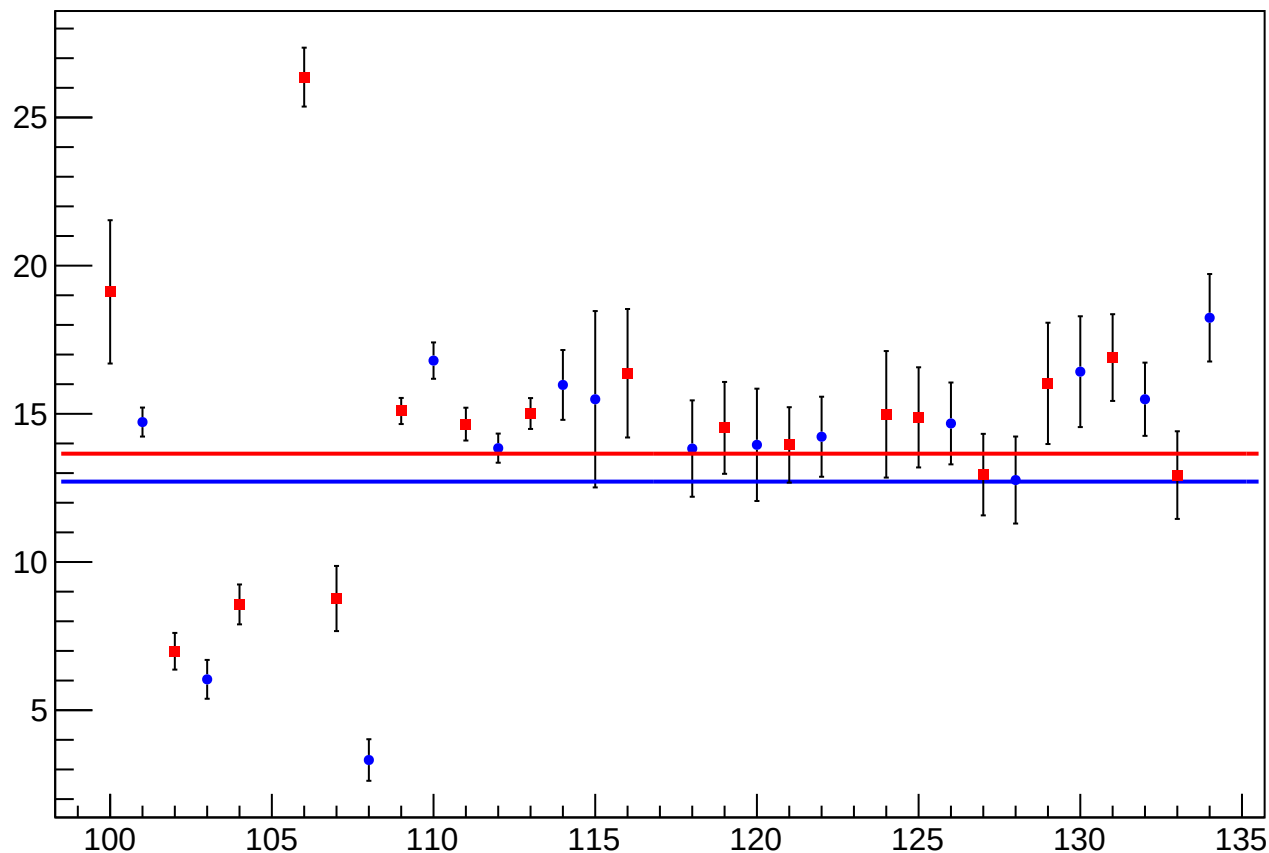
Right: 0.103+/-0.011 χ^2/NDF : 776.8/31

In: 0.147+/-0.016 χ^2/NDF : 249.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.103+/-0.011 χ^2/NDF : 776.8/31

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.713+/-0.225 χ^2/NDF : 385.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.655+/-0.211 χ^2/NDF : 391.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

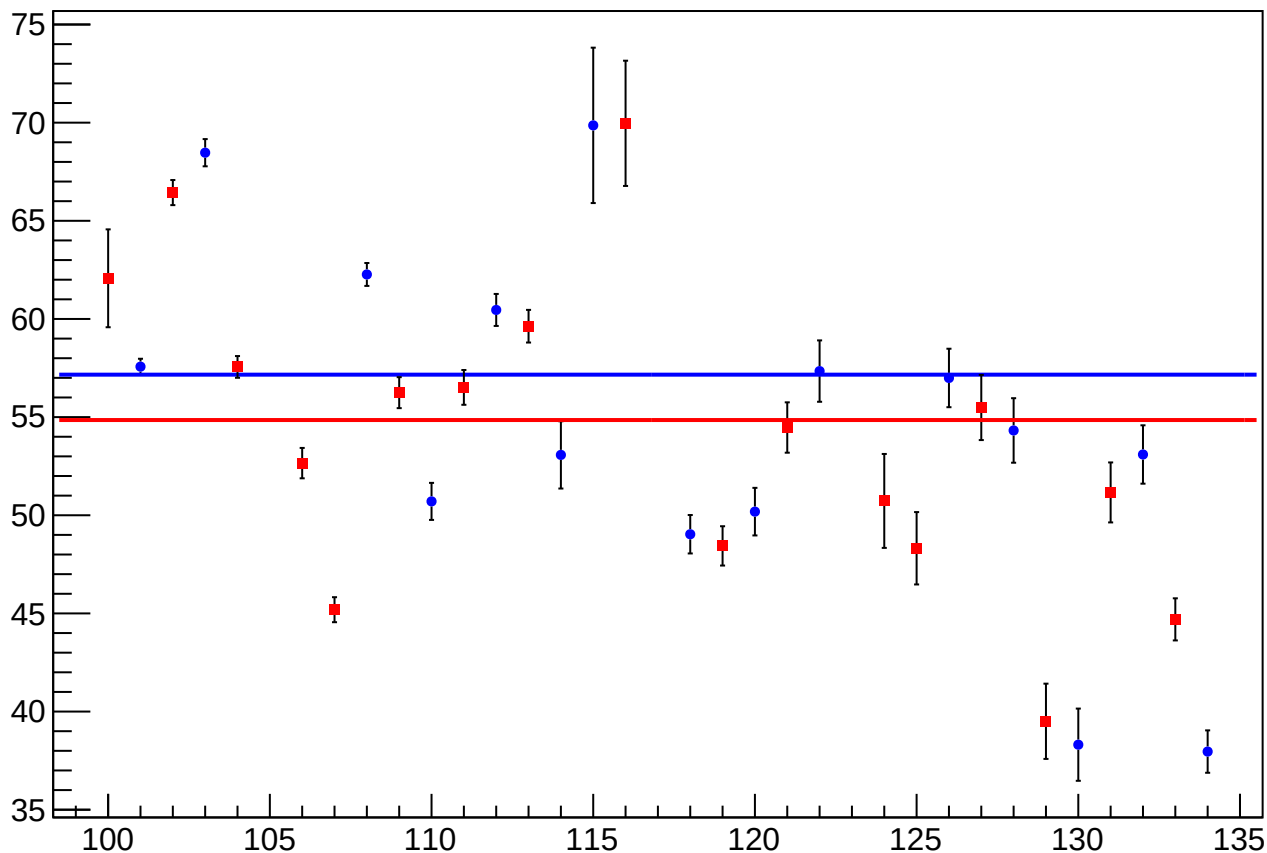
Right: 13.214+/-0.154 χ^2/NDF : 786.4/31

In: 12.713+/-0.225 χ^2/NDF : 385.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.214+/-0.154 χ^2/NDF : 786.4/31

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 57.163+/-0.231 χ^2 /NDF: 956.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 54.851+/-0.233 χ^2 /NDF: 877.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

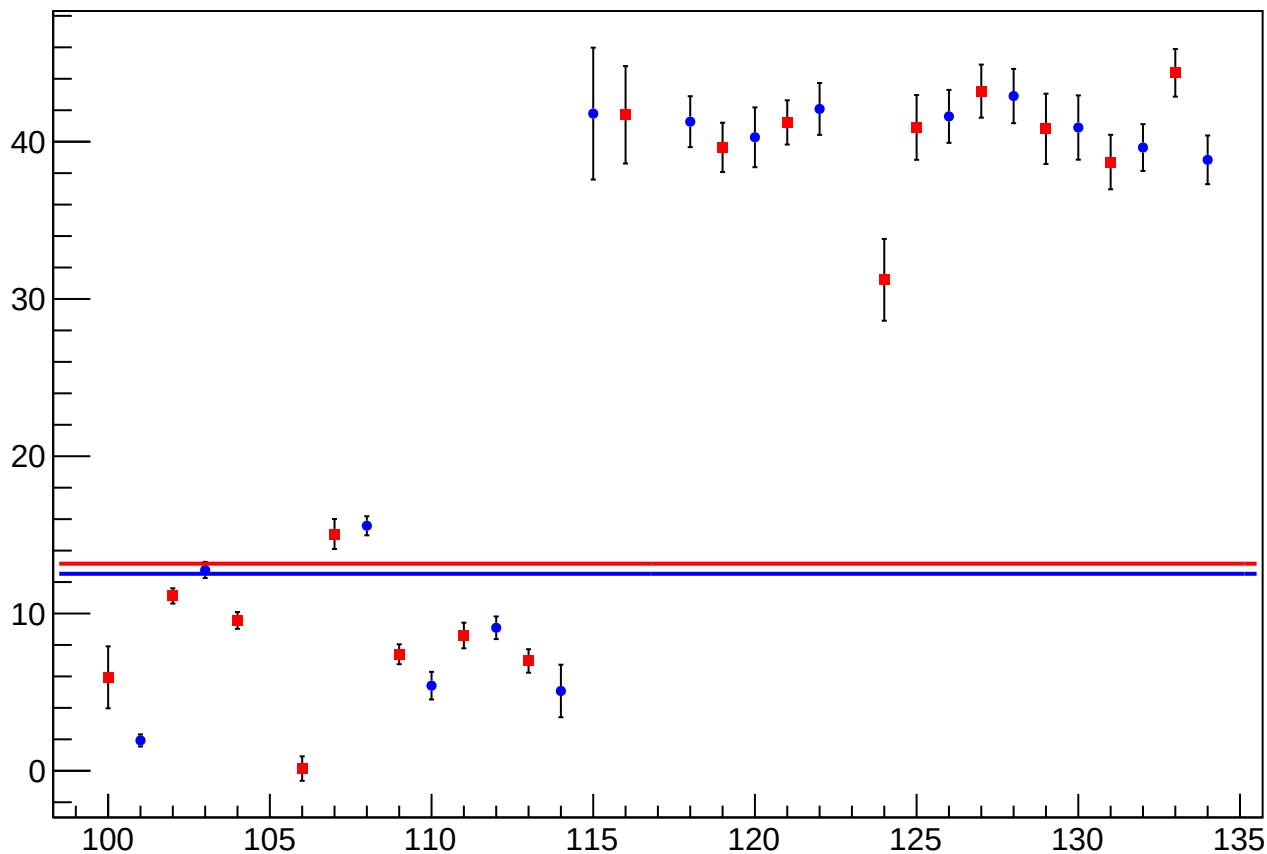
Right: 56.018+/-0.164 χ^2 /NDF: 1883.5/31

In: 57.163+/-0.231 χ^2 /NDF:956.3/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 56.018+/-0.164 χ^2 /NDF: 1883.5/31

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.526+/-0.225 χ^2/NDF : 3220.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.169+/-0.227 χ^2/NDF : 2654.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

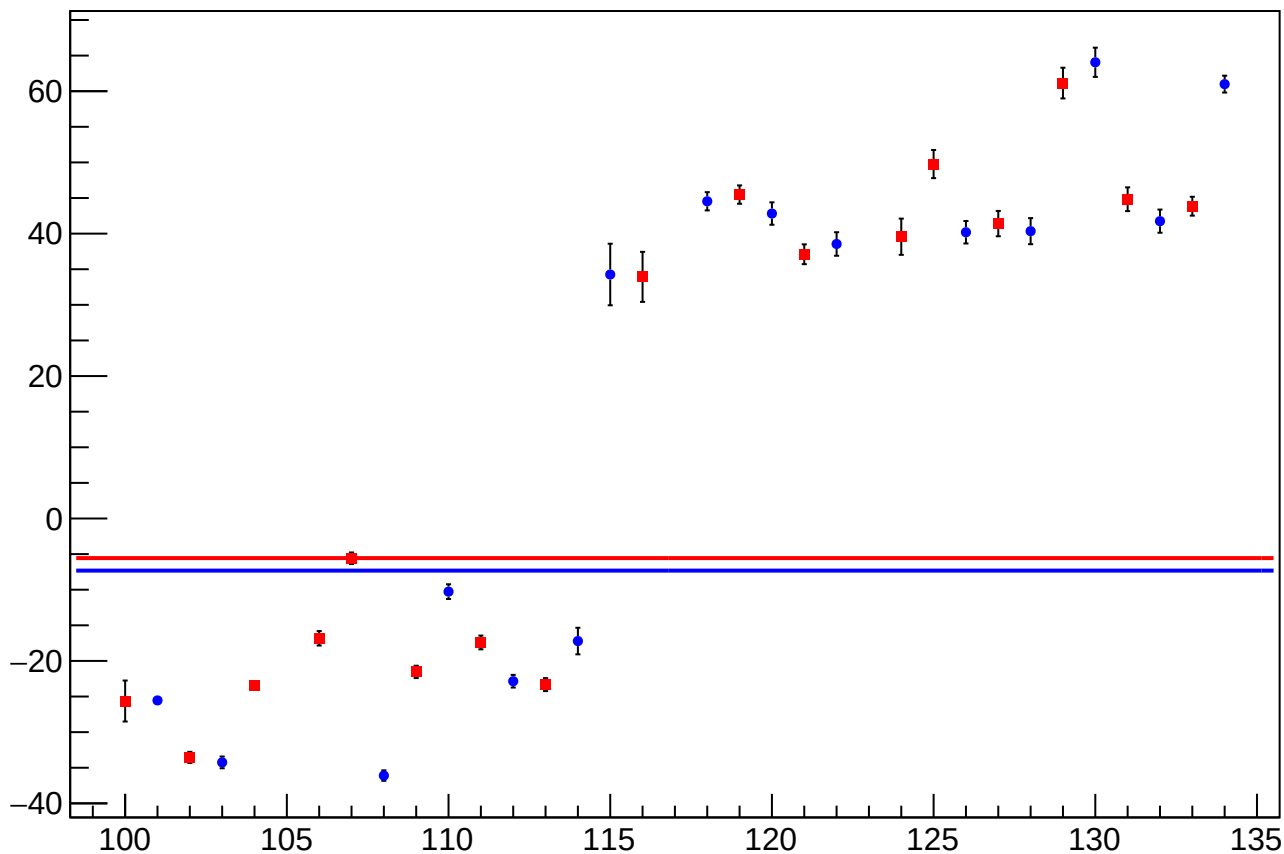
Right: 12.844+/-0.160 χ^2/NDF : 5878.7/31

In: 12.526+/-0.225 χ^2/NDF : 3220.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.844+/-0.160 χ^2/NDF : 5878.7/31

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.318 ± 0.276 χ^2/NDF : 14768.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.560 ± 0.277 χ^2/NDF : 10706.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

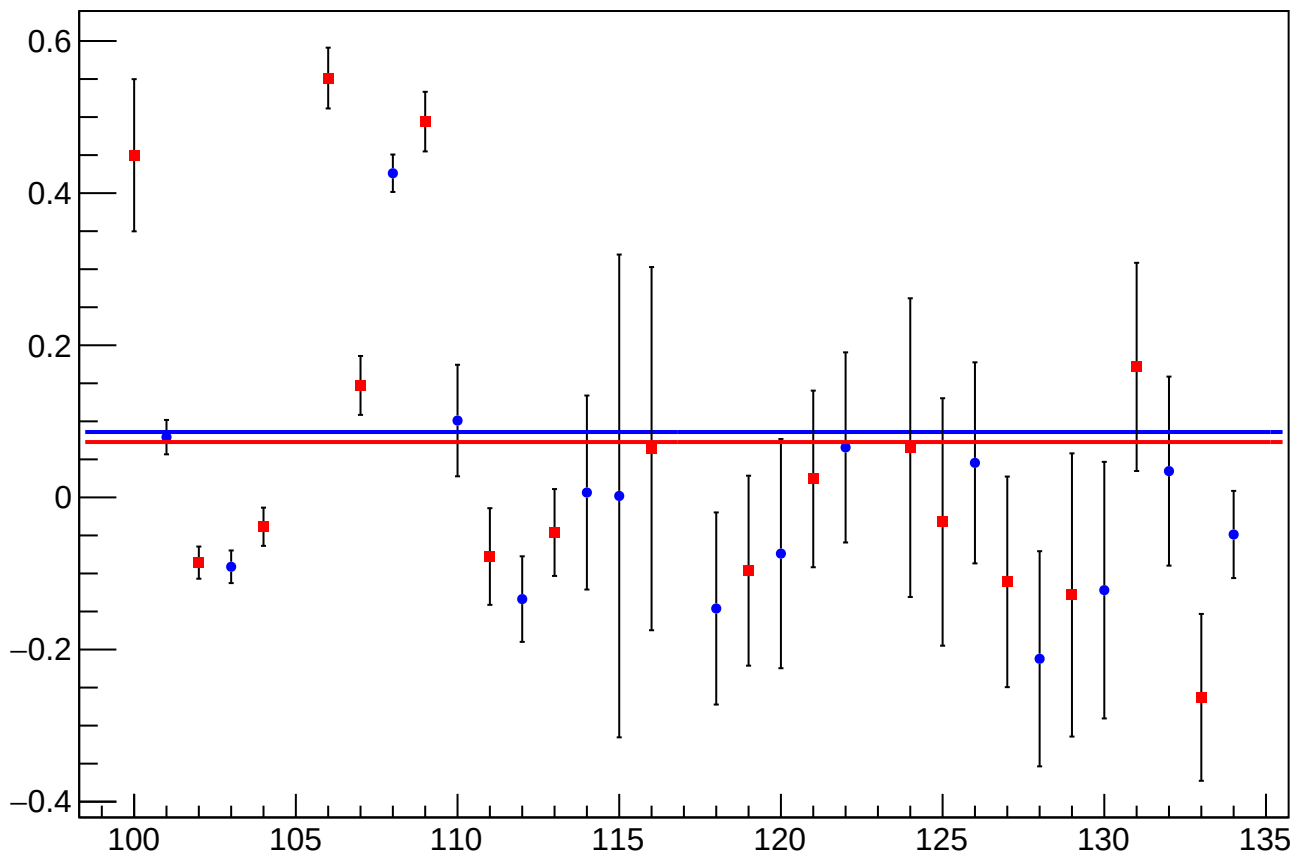
Right: -6.442 ± 0.196 χ^2/NDF : 25495.1/31

In: -7.318 ± 0.276 χ^2/NDF : 14768.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.442 ± 0.196 χ^2/NDF : 25495.1/31

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.086 $\pm$ 0.012 χ^2 /NDF: 291.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.073 $\pm$ 0.012 χ^2 /NDF: 378.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

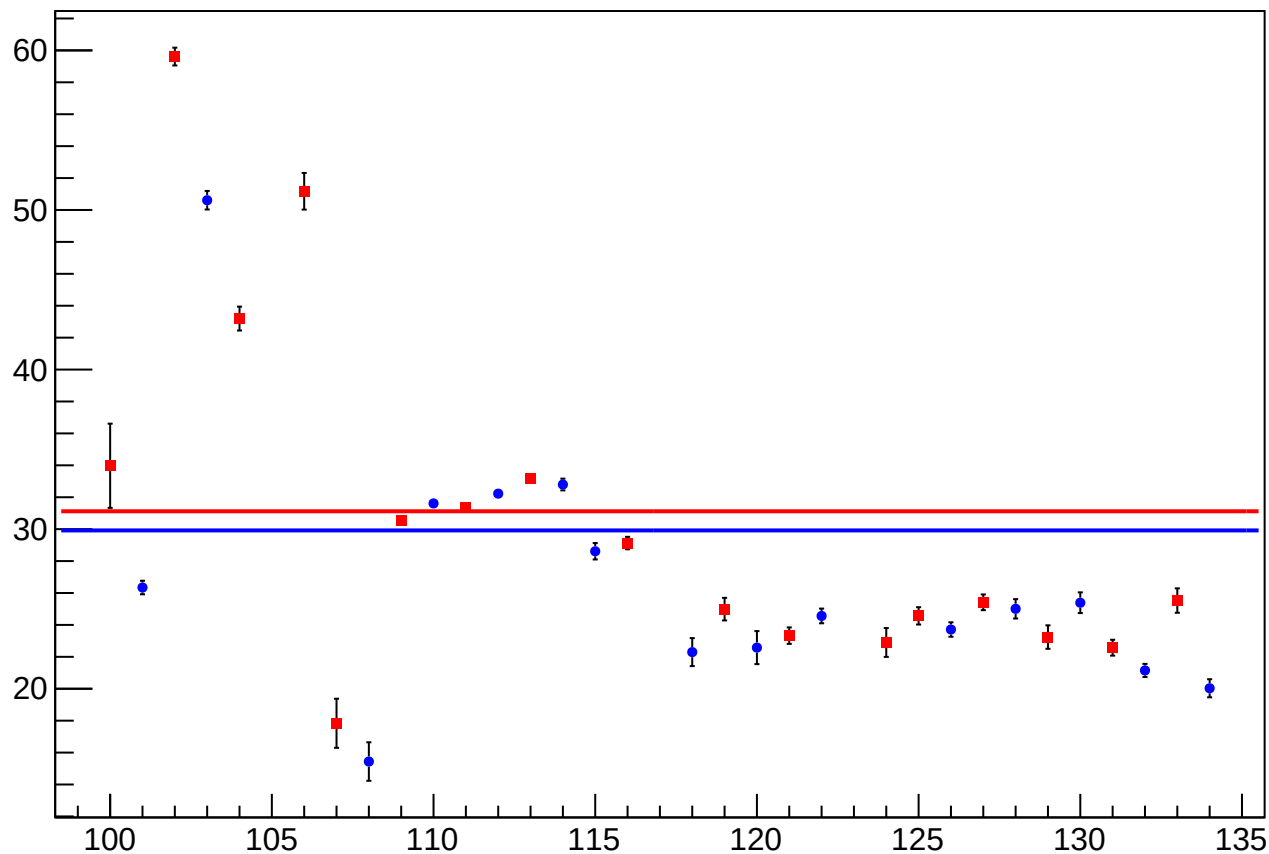
Right: 0.079 $\pm$ 0.008 χ^2 /NDF: 670.2/31

In: 0.086 $\pm$ 0.012 χ^2 /NDF:291.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.079 $\pm$ 0.008 χ^2 /NDF: 670.2/31

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.920+/-0.095 χ^2/NDF : 3147.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.120+/-0.082 χ^2/NDF : 4560.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

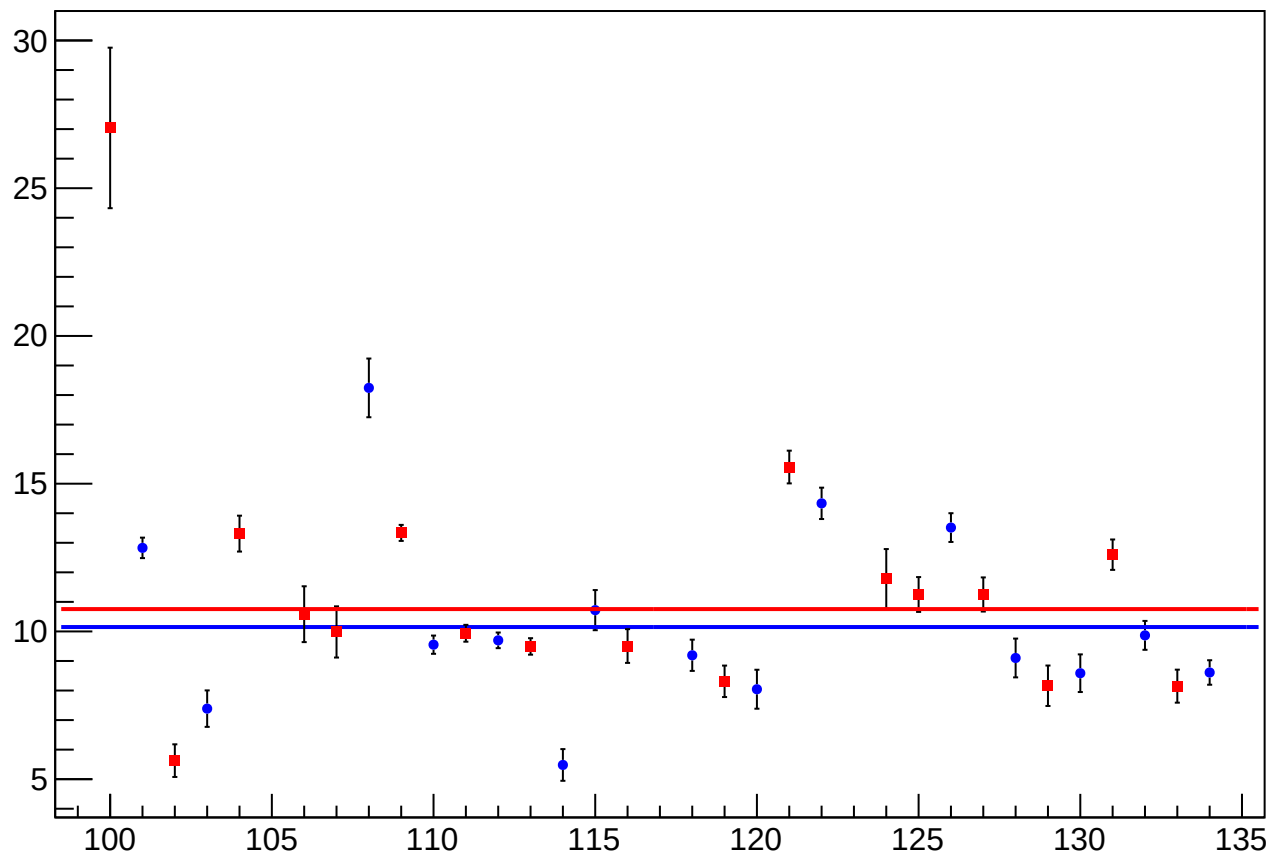
Right: 30.612+/-0.062 χ^2/NDF : 7799.7/31

In: 29.920+/-0.095 χ^2/NDF : 3147.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.612+/-0.062 χ^2/NDF : 7799.7/31

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.149+/-0.119 χ^2/NDF : 375.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.756+/-0.117 χ^2/NDF : 412.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

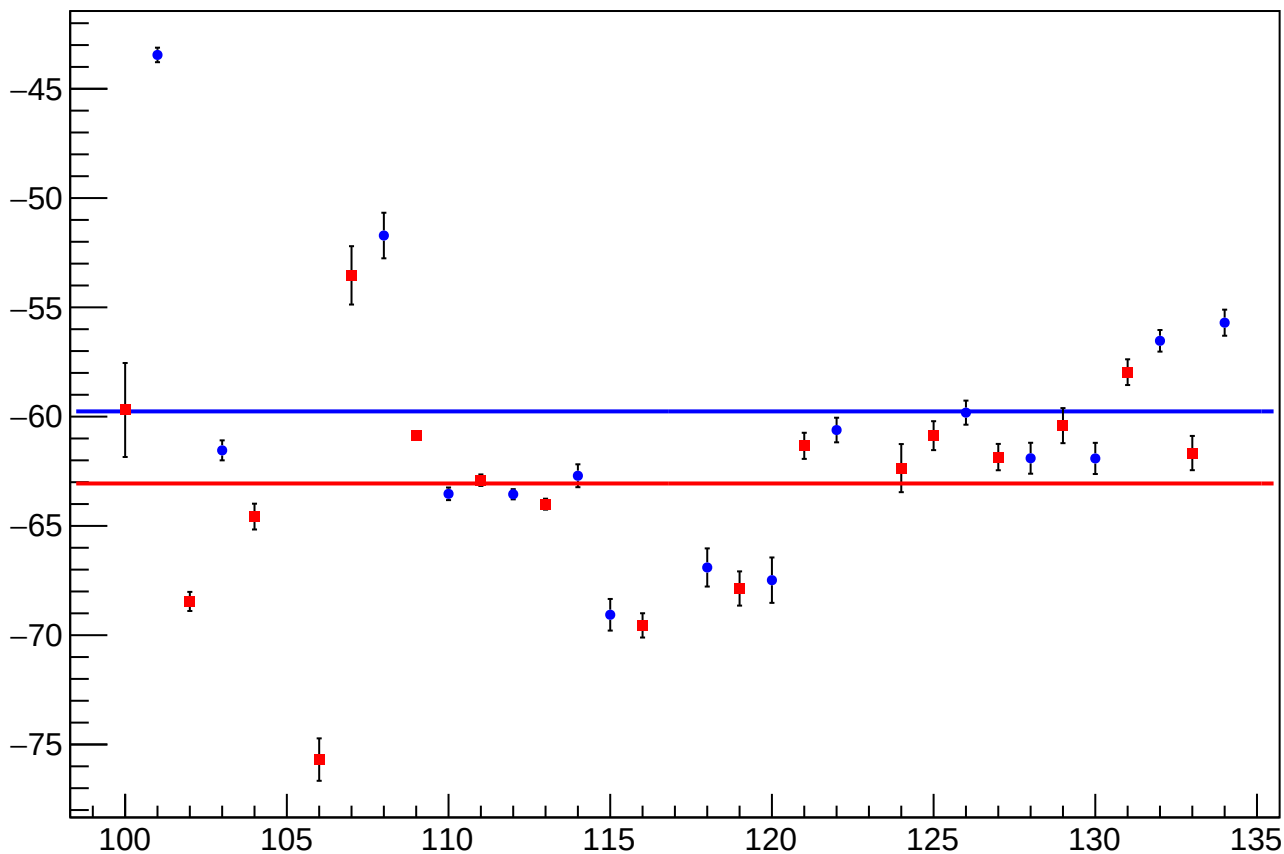
Right: 10.457+/-0.083 χ^2/NDF : 801.0/31

In: 10.149+/-0.119 χ^2/NDF : 375.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.457+/-0.083 χ^2/NDF : 801.0/31

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.761 $\pm$ 0.119 χ^2 /NDF: 3342.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.059 $\pm$ 0.111 χ^2 /NDF: 787.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

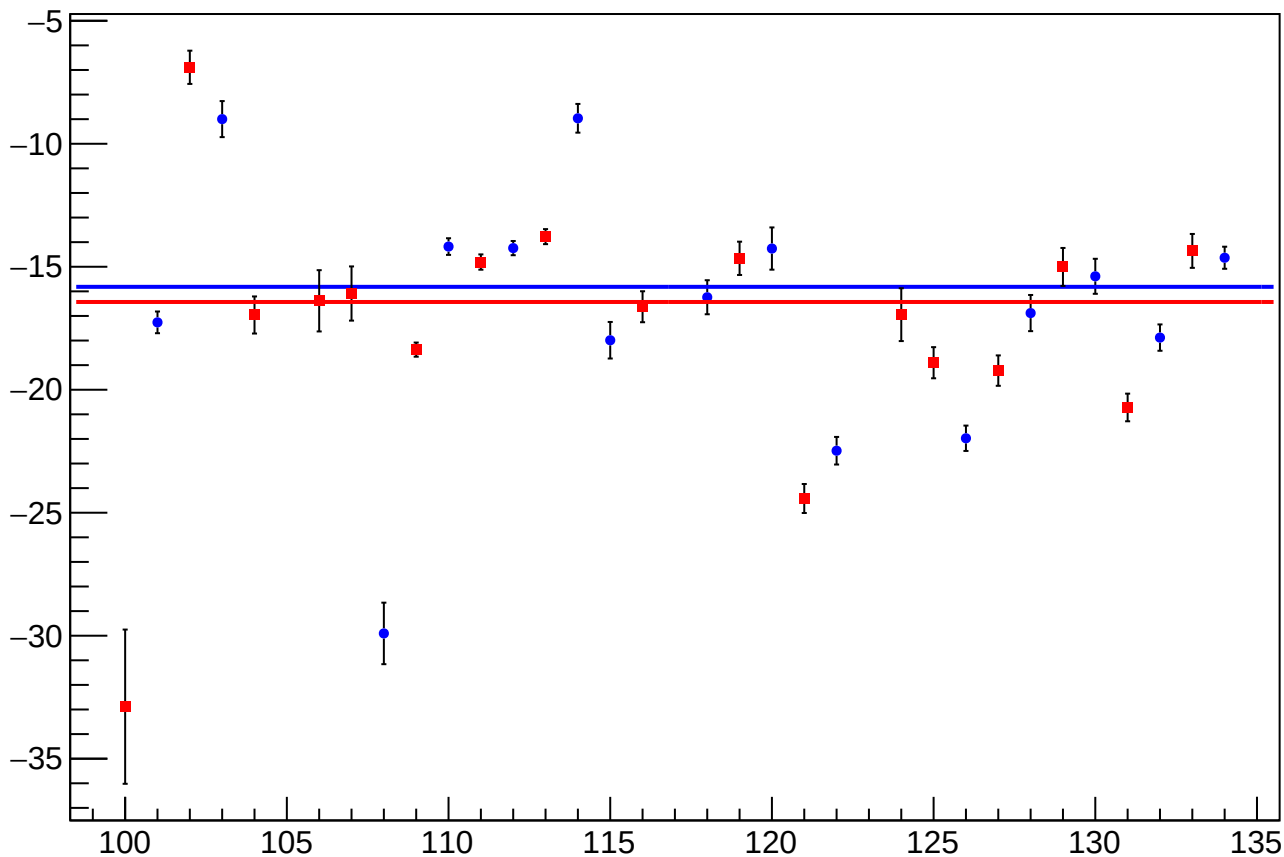
Right: -61.531 $\pm$ 0.081 χ^2 /NDF: 4538.7/31

In: -59.761 $\pm$ 0.119 χ^2 /NDF:3342.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.531 $\pm$ 0.081 χ^2 /NDF: 4538.7/31

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.816 ± 0.134 χ^2/NDF : 735.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.432 ± 0.130 χ^2/NDF : 673.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

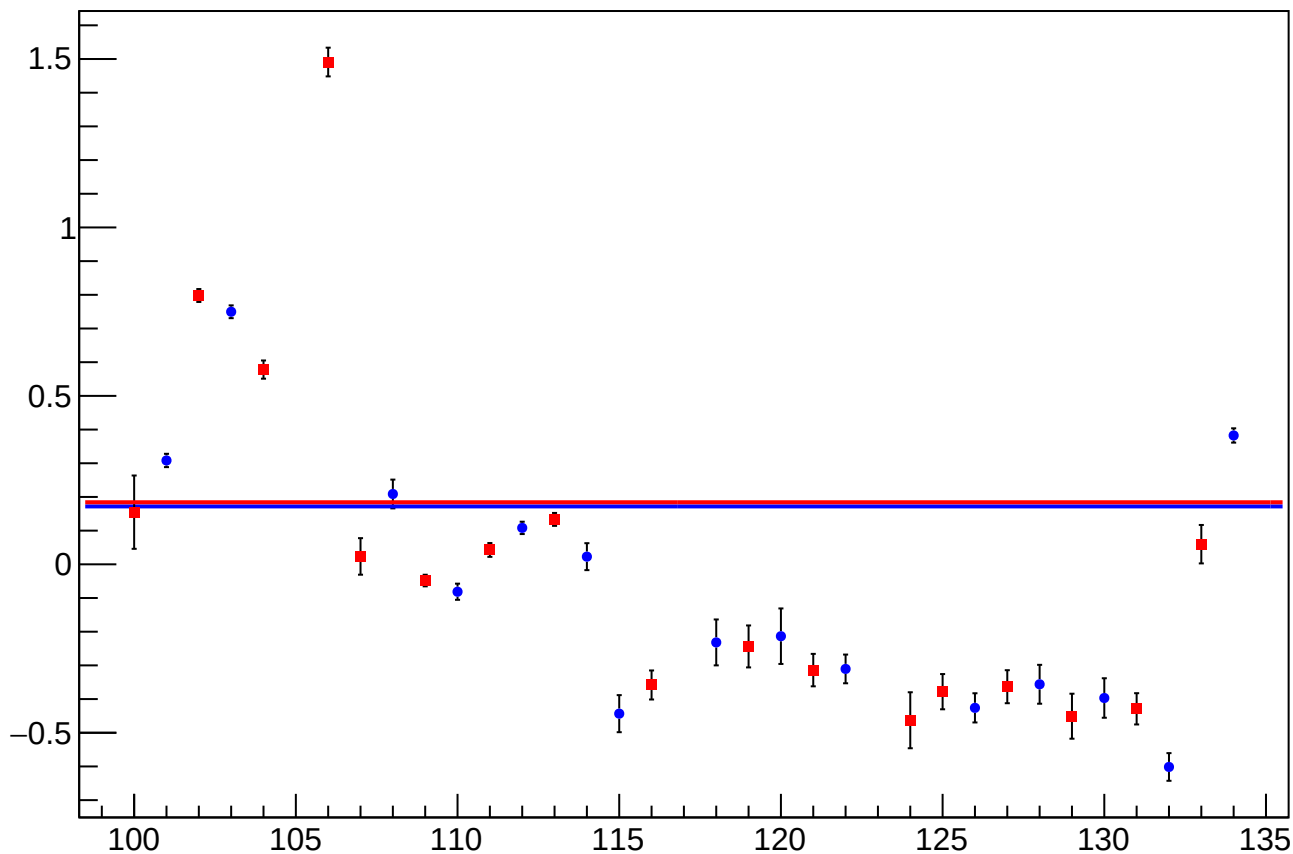
Right: -16.134 ± 0.093 χ^2/NDF : 1419.3/31

In: -15.816 ± 0.134 χ^2/NDF : 735.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.134 ± 0.093 χ^2/NDF : 1419.3/31

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.172+/-0.008 χ^2/NDF : 2241.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.184+/-0.008 χ^2/NDF : 3303.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

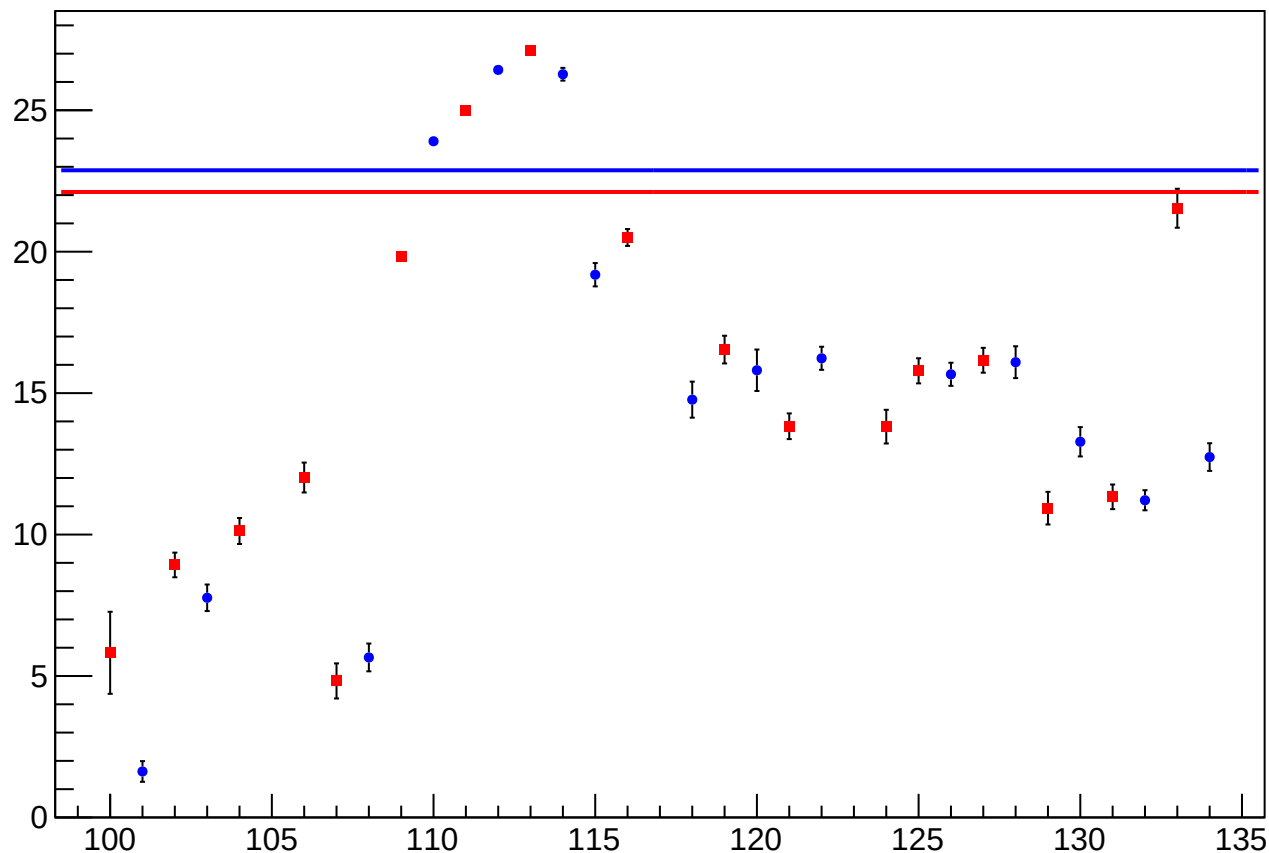
Right: 0.178+/-0.005 χ^2/NDF : 5547.1/31

In: 0.172+/-0.008 χ^2/NDF :2241.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.178+/-0.005 χ^2/NDF : 5547.1/31

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 22.878 $\pm$ 0.058 χ^2 /NDF: 10542.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.111 $\pm$ 0.047 χ^2 /NDF: 9368.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

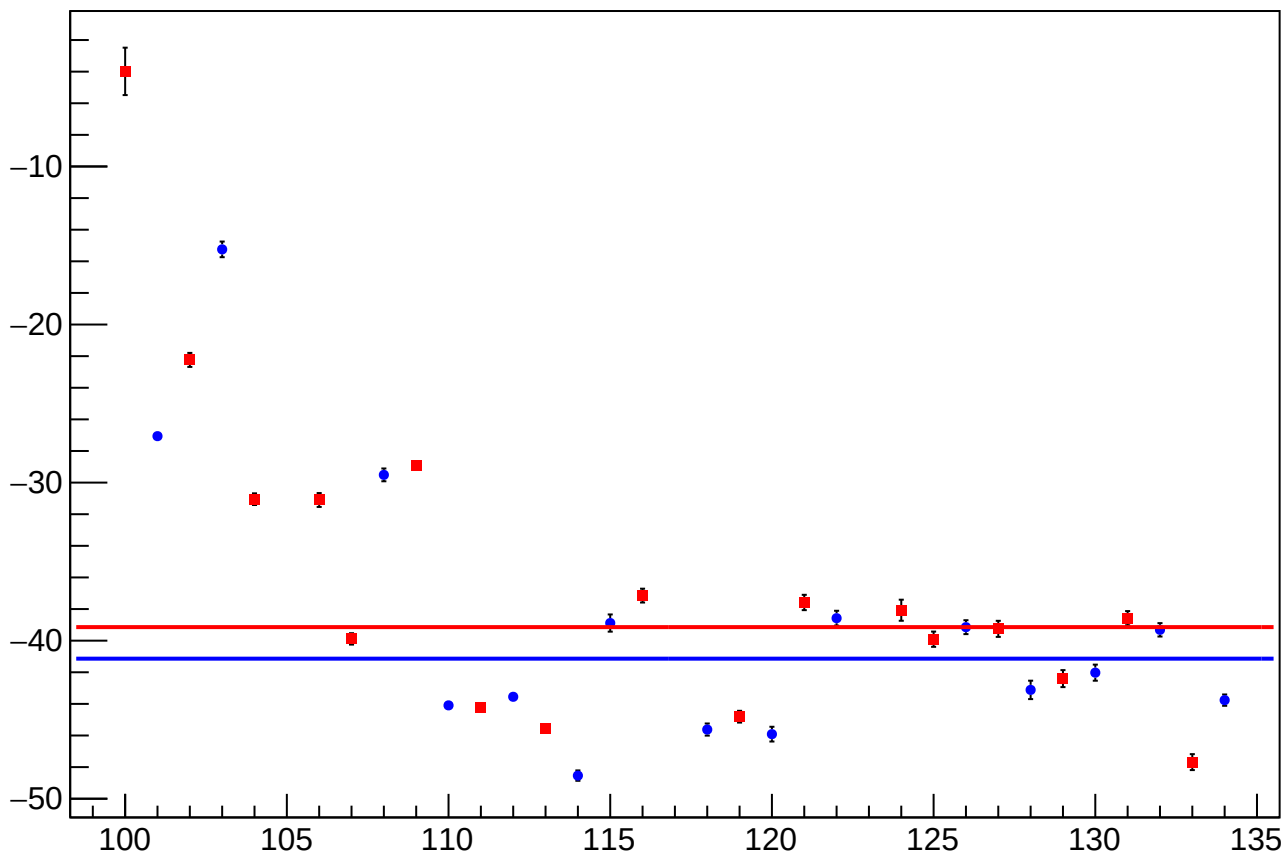
Right: 22.414 $\pm$ 0.036 χ^2 /NDF: 20017.7/31

In: 22.878 $\pm$ 0.058 χ^2 /NDF:10542.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.414 $\pm$ 0.036 χ^2 /NDF: 20017.7/31

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.139 ± 0.079 $\chi^2/\text{NDF}: 7307.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.143 ± 0.073 $\chi^2/\text{NDF}: 10022.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

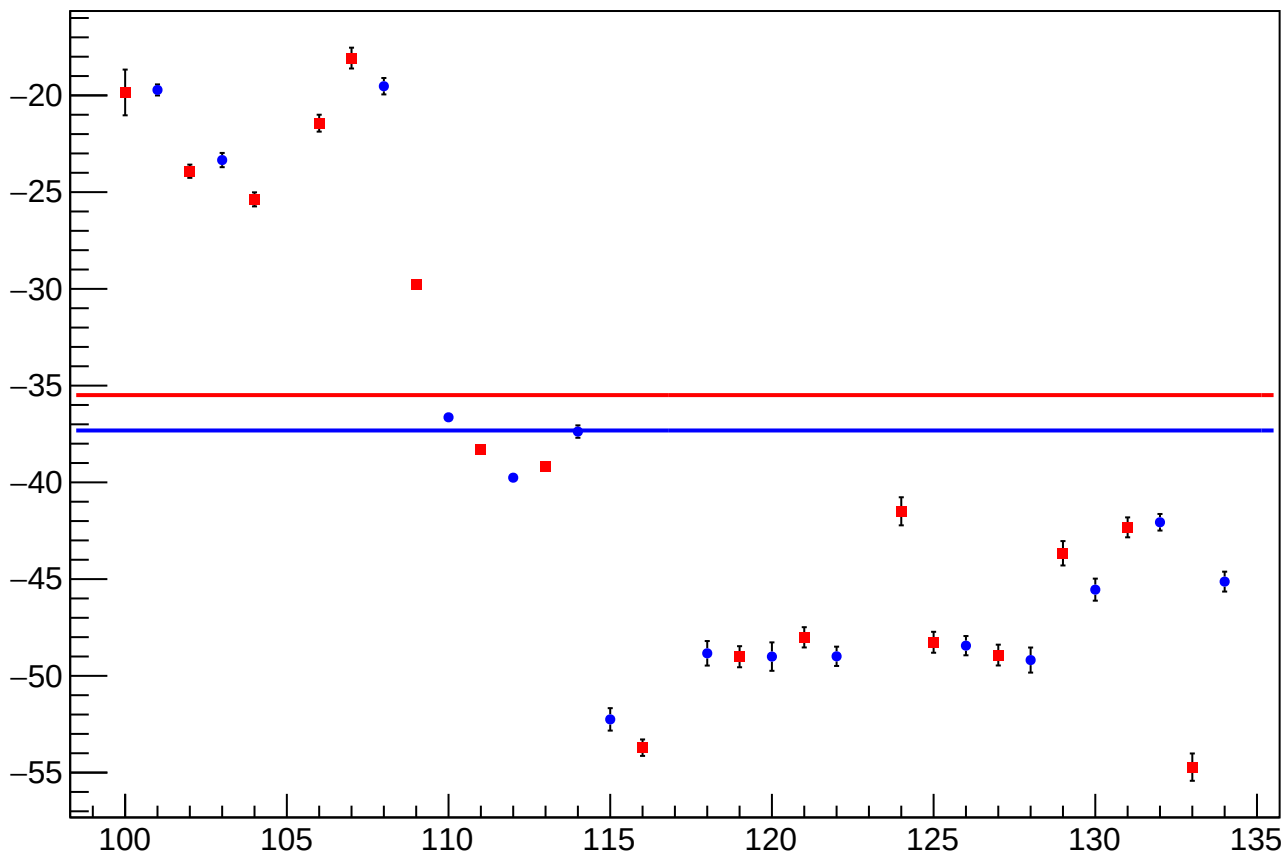
Right: -40.059 ± 0.054 $\chi^2/\text{NDF}: 17675.4/31$

In: -41.139 ± 0.079 $\chi^2/\text{NDF}: 7307.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.059 ± 0.054 $\chi^2/\text{NDF}: 17675.4/31$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.318 ± 0.077 χ^2/NDF : 10566.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.490 ± 0.066 χ^2/NDF : 12957.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

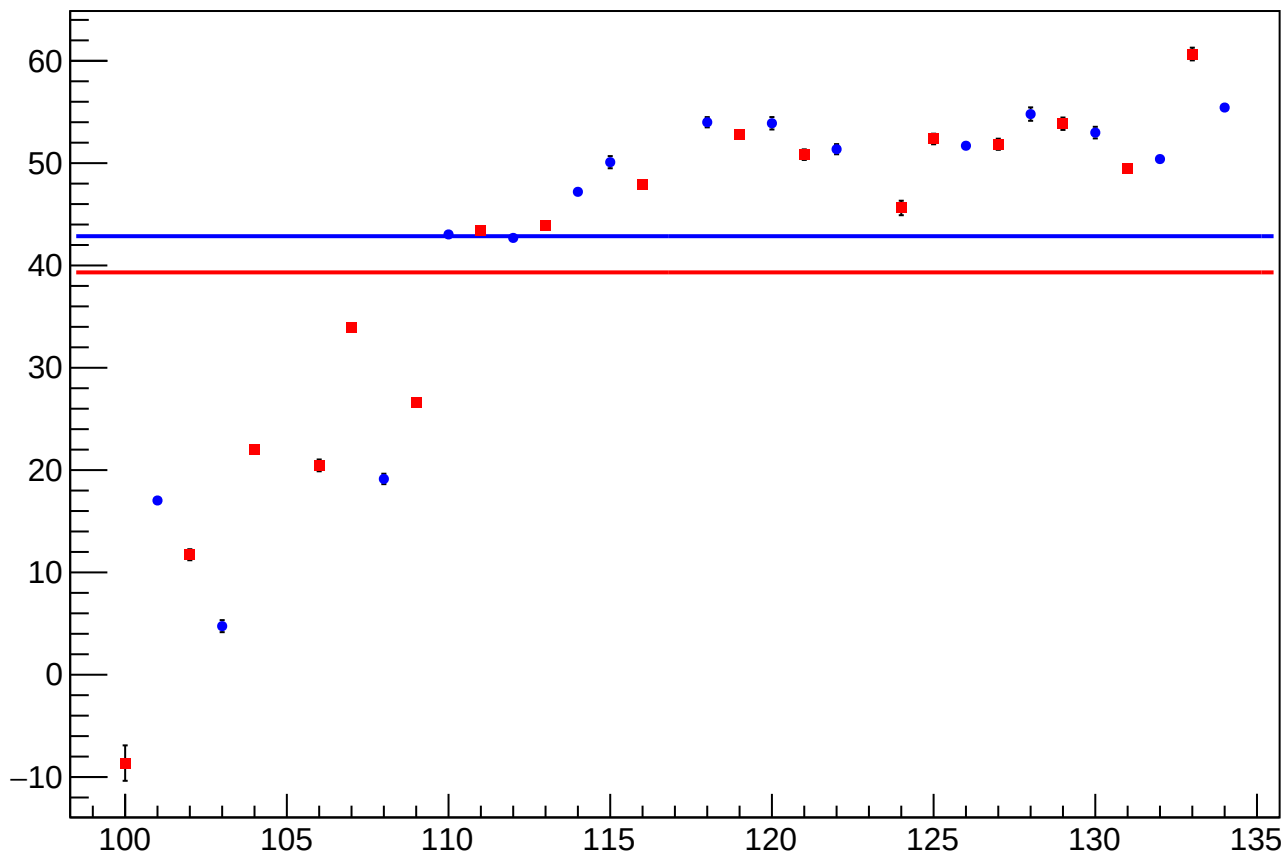
Right: -36.263 ± 0.050 χ^2/NDF : 23850.7/31

In: -37.318 ± 0.077 χ^2/NDF : 10566.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.263 ± 0.050 χ^2/NDF : 23850.7/31

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.861 $\pm$ 0.089 χ^2 /NDF: 14731.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.323 $\pm$ 0.080 χ^2 /NDF: 17848.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

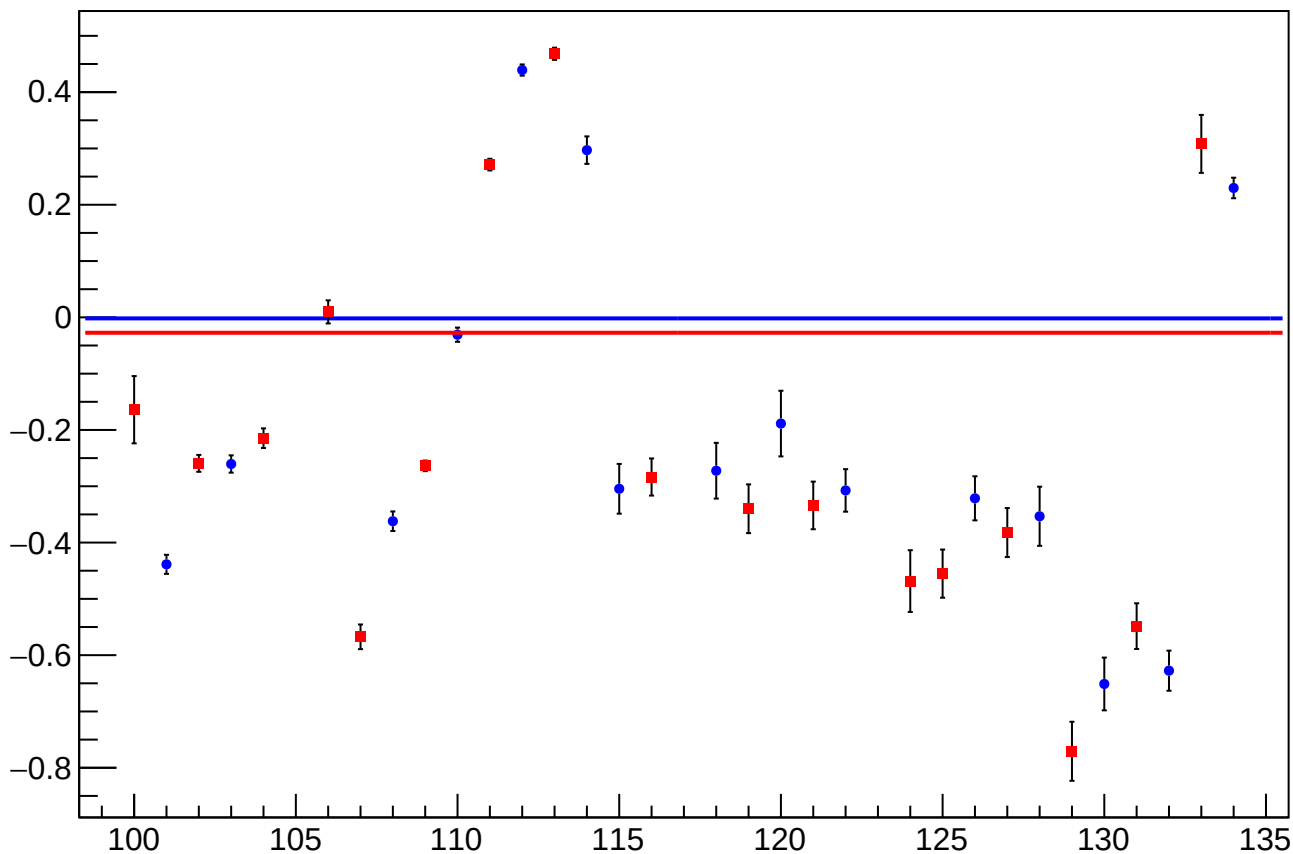
Right: 40.922 $\pm$ 0.060 χ^2 /NDF: 33454.8/31

In: 42.861 $\pm$ 0.089 χ^2 /NDF:14731.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.922 $\pm$ 0.060 χ^2 /NDF: 33454.8/31

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.002+/-0.005 χ^2 /NDF: 4427.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.027+/-0.005 χ^2 /NDF: 5333.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

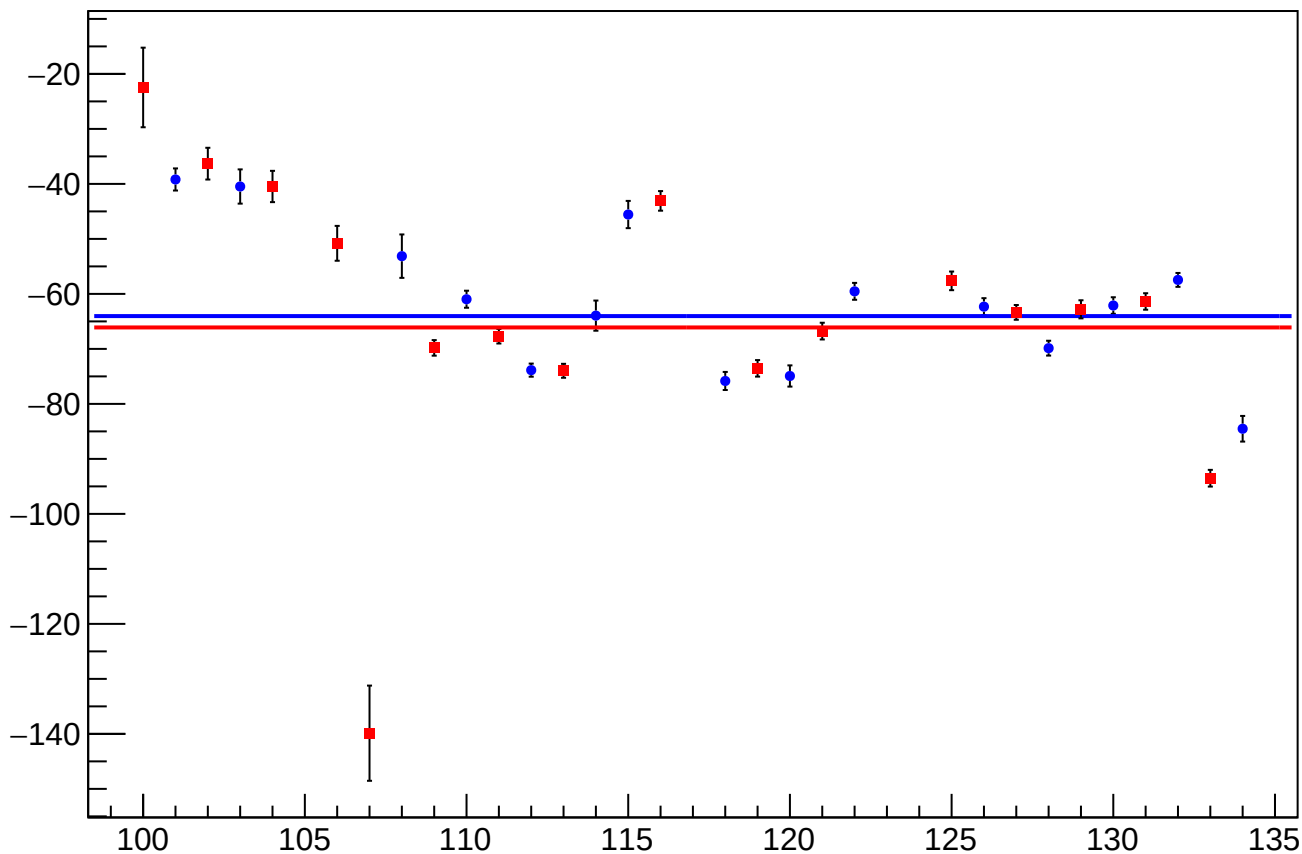
Right: -0.016+/-0.003 χ^2 /NDF: 9774.1/31

In: -0.002+/-0.005 χ^2 /NDF:4427.7/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.016+/-0.003 χ^2 /NDF: 9774.1/31

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.035+/-0.442 χ^2/NDF : 562.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -66.101+/-0.430 χ^2/NDF : 927.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

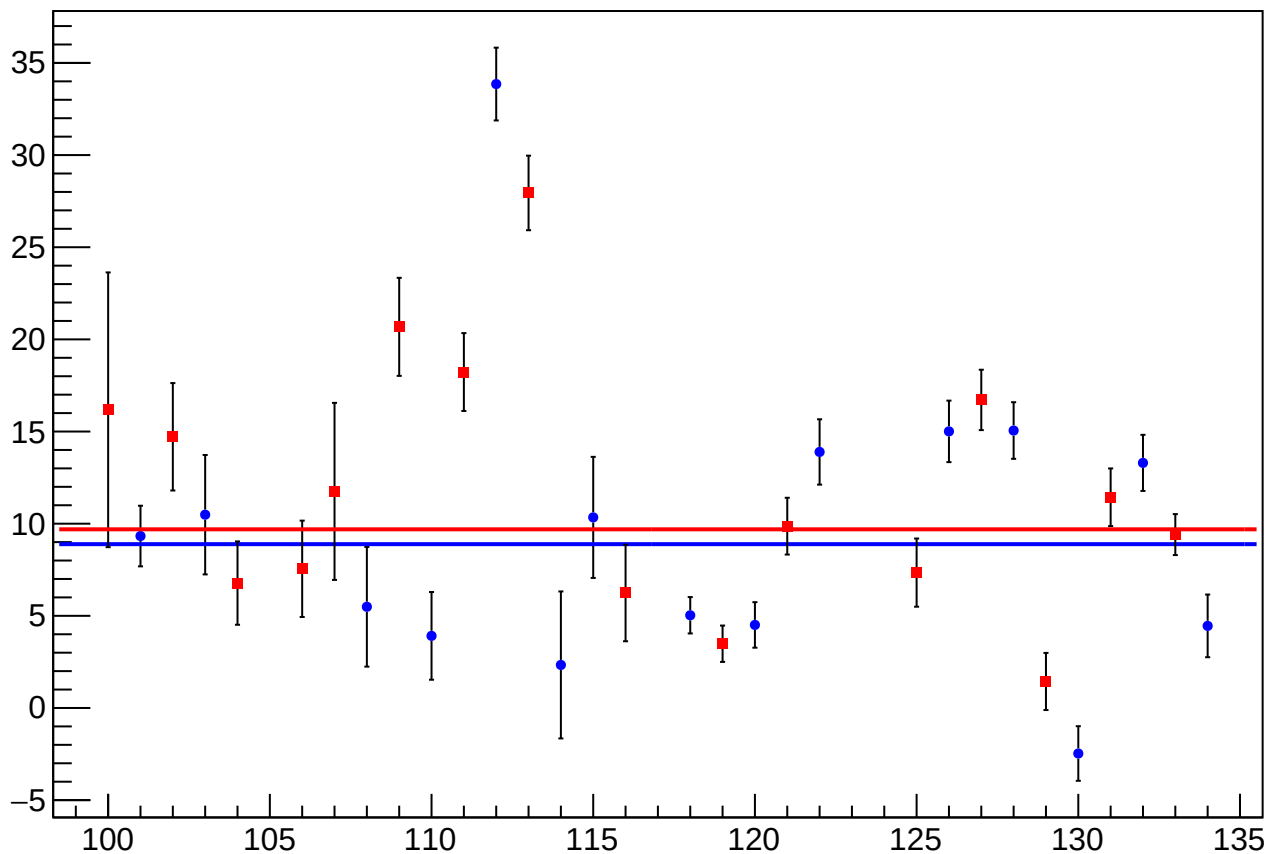
Right: -65.097+/-0.308 χ^2/NDF : 1501.5/30

In: -64.035+/-0.442 χ^2/NDF :562.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -65.097+/-0.308 χ^2/NDF : 1501.5/30

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.889+/-0.440 χ^2/NDF : 307.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 9.694+/-0.446 χ^2/NDF : 212.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

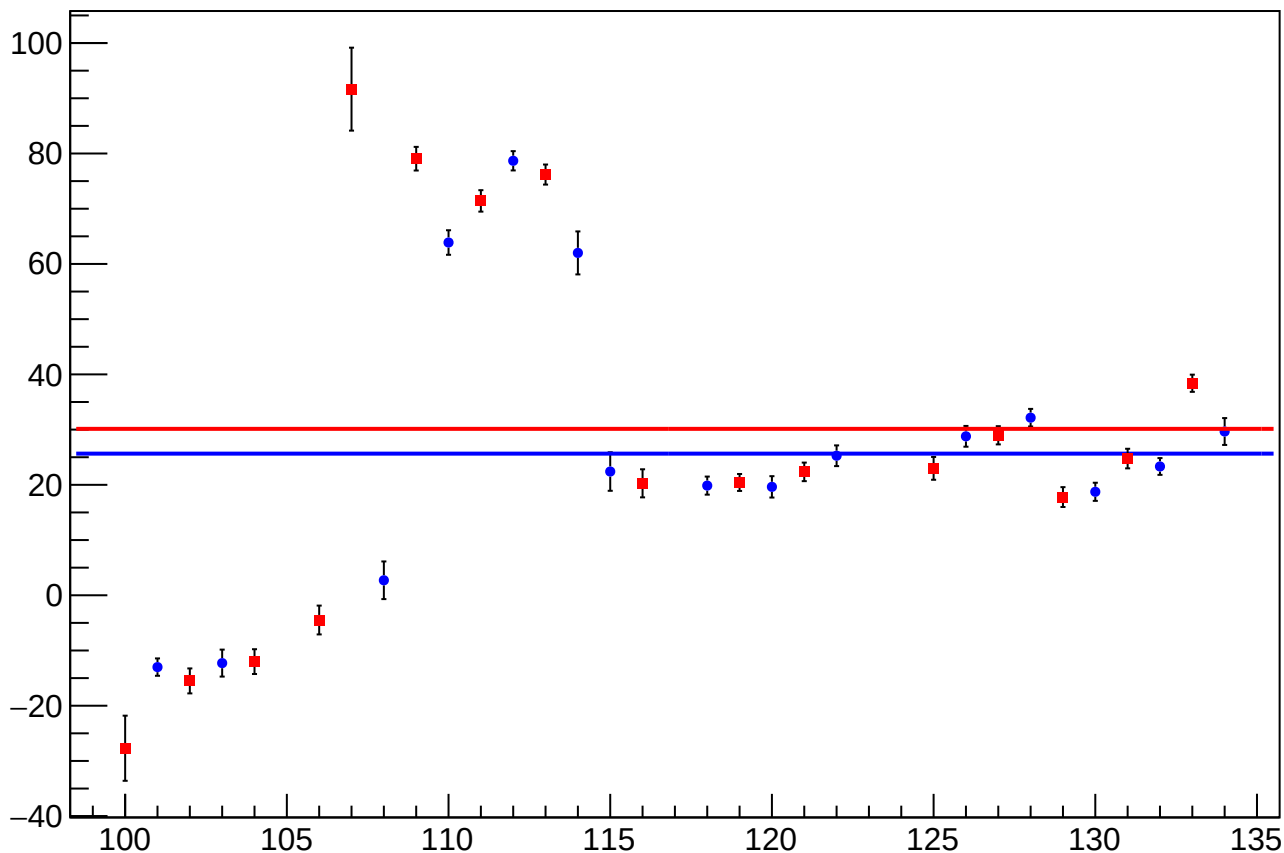
Right: 9.286+/-0.313 χ^2/NDF : 521.7/30

In: 8.889+/-0.440 χ^2/NDF :307.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.286+/-0.313 χ^2/NDF : 521.7/30

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.649+/-0.506 χ^2/NDF : 2261.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.137+/-0.503 χ^2/NDF : 2889.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

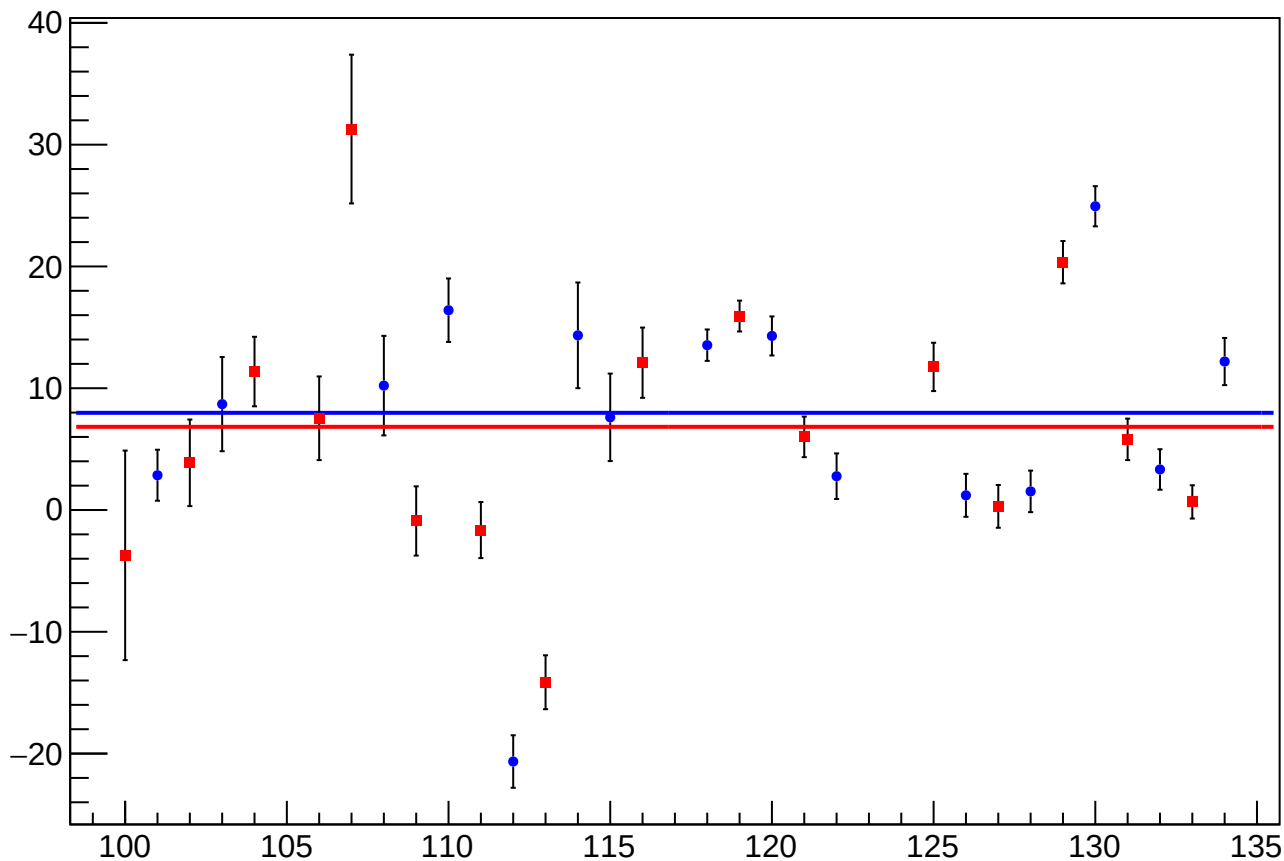
Right: 27.904+/-0.357 χ^2/NDF : 5190.7/30

In: 25.649+/-0.506 χ^2/NDF : 2261.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.904+/-0.357 χ^2/NDF : 5190.7/30

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.981+/-0.514 χ^2/NDF : 384.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.831+/-0.517 χ^2/NDF : 287.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

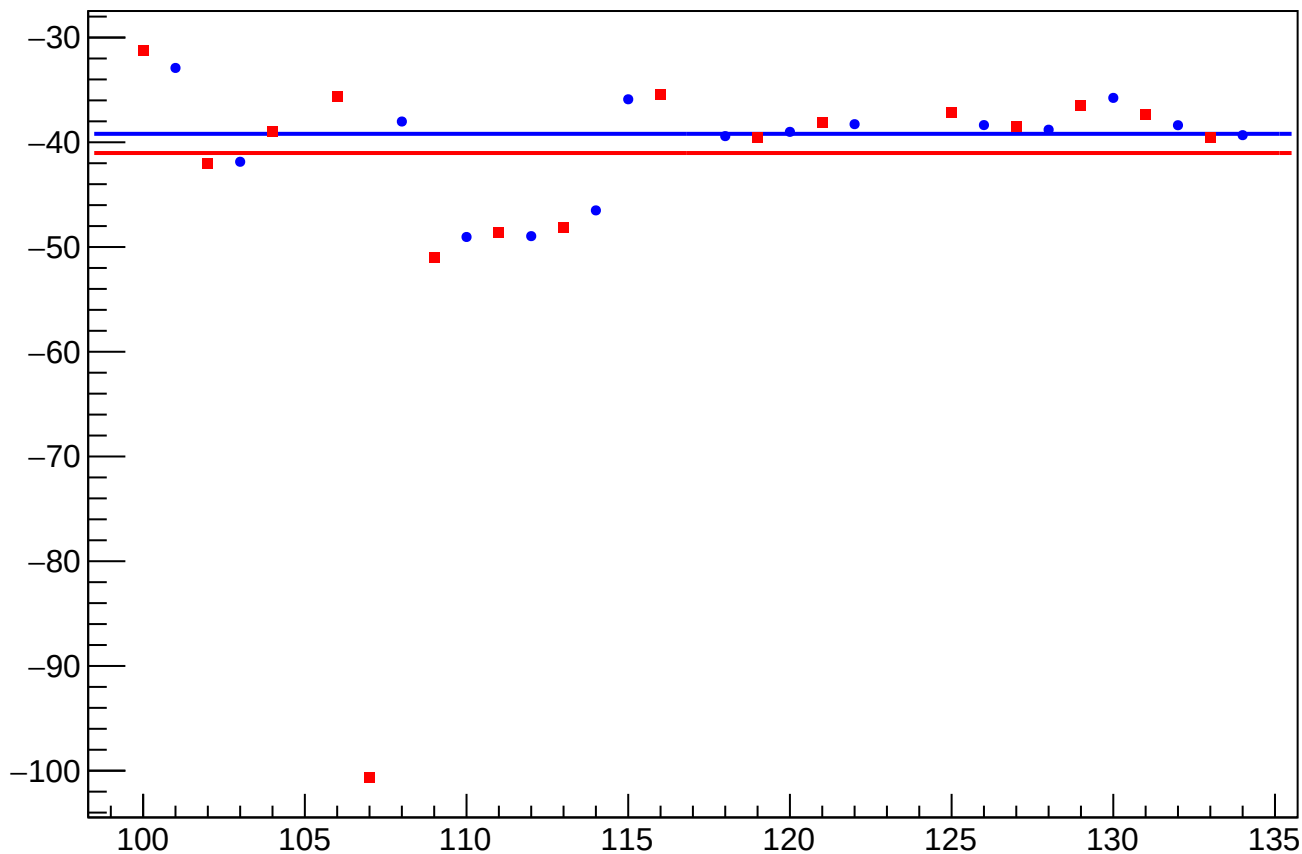
Right: 7.410+/-0.365 χ^2/NDF : 674.6/30

In: 7.981+/-0.514 χ^2/NDF : 384.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.410+/-0.365 χ^2/NDF : 674.6/30

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.193 $\pm$ 0.035 χ^2 /NDF: 14752.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.025 $\pm$ 0.035 χ^2 /NDF: 54848.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

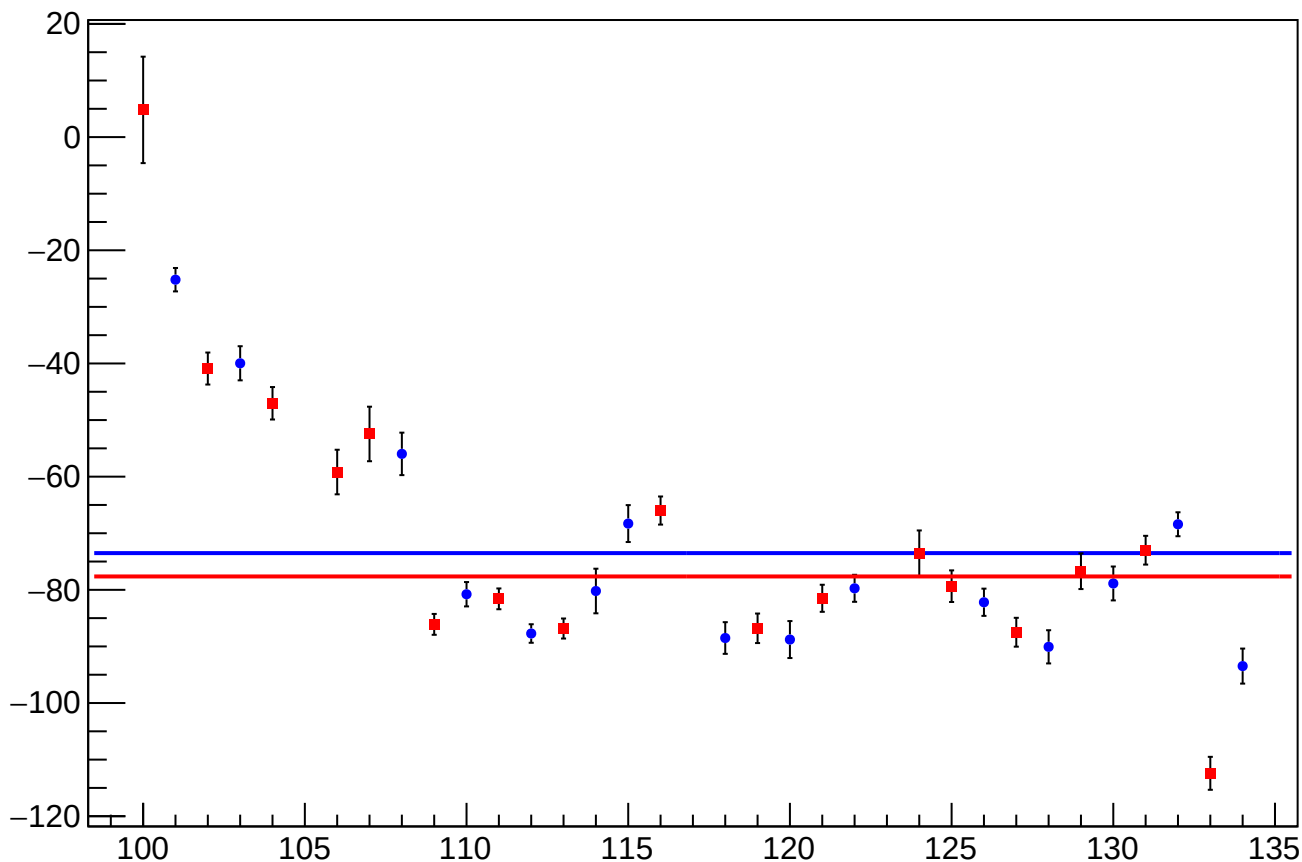
Right: -40.100 $\pm$ 0.025 χ^2 /NDF: 70997.7/30

In: -39.193 $\pm$ 0.035 χ^2 /NDF:14752.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.100 $\pm$ 0.025 χ^2 /NDF: 70997.7/30

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -73.510+/-0.661 χ^2/NDF : 935.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.635+/-0.636 χ^2/NDF : 660.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

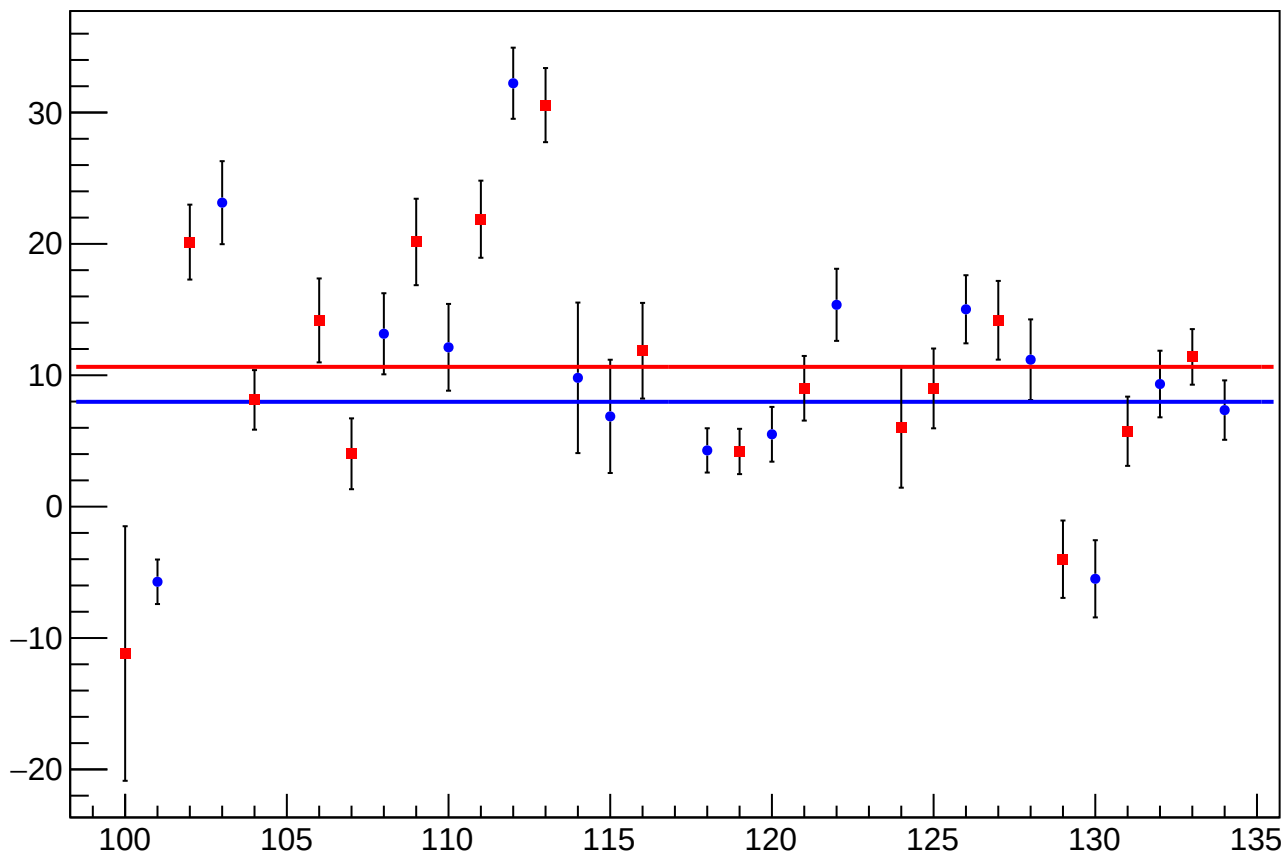
Right: -75.653+/-0.458 χ^2/NDF : 1616.8/31

In: -73.510+/-0.661 χ^2/NDF : 935.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.653+/-0.458 χ^2/NDF : 1616.8/31

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.980 ± 0.659 χ^2/NDF : 216.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.640 ± 0.670 χ^2/NDF : 143.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

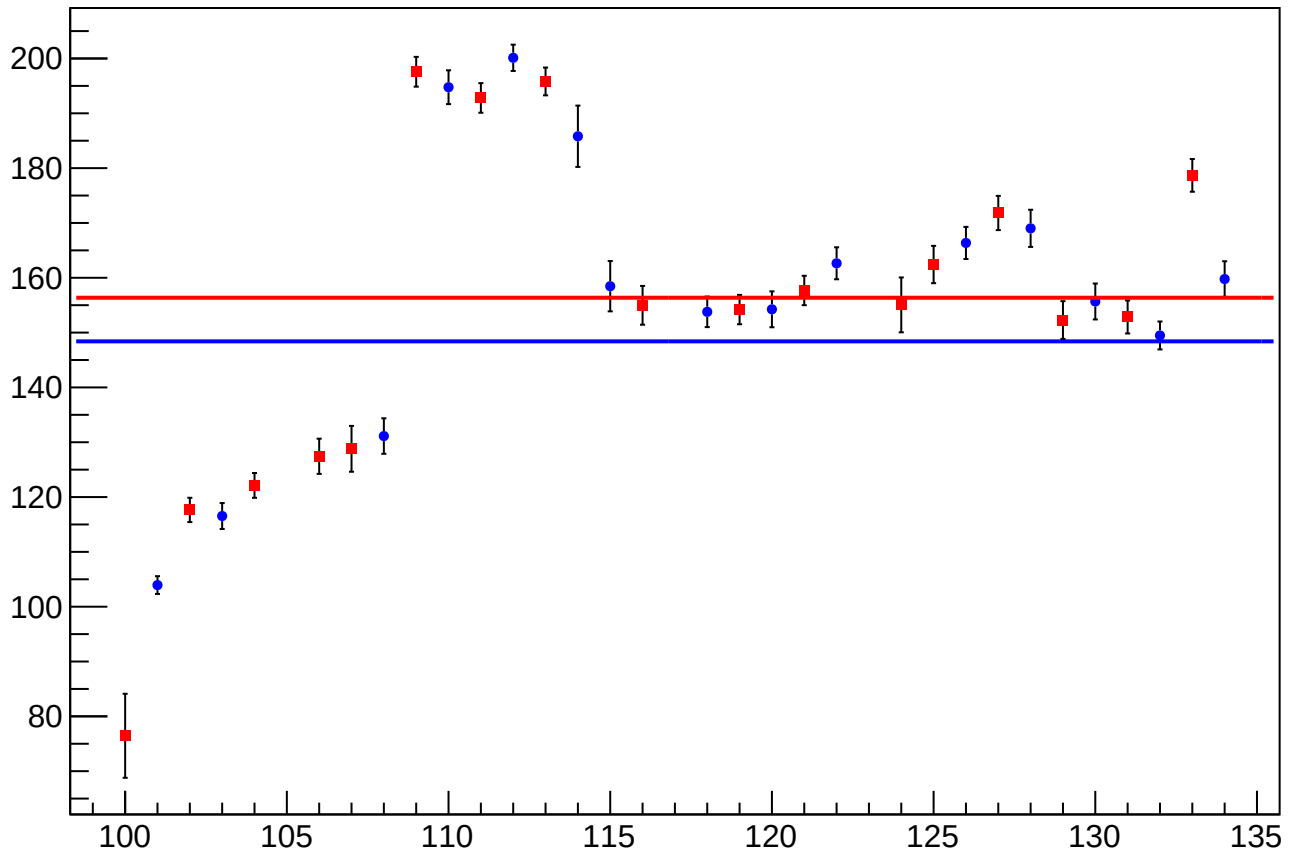
Right: 9.287 ± 0.470 χ^2/NDF : 367.5/31

In: 7.980 ± 0.659 χ^2/NDF : 216.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.287 ± 0.470 χ^2/NDF : 367.5/31

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 148.401+/-0.726 χ^2/NDF : 1826.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.362+/-0.727 χ^2/NDF : 1509.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

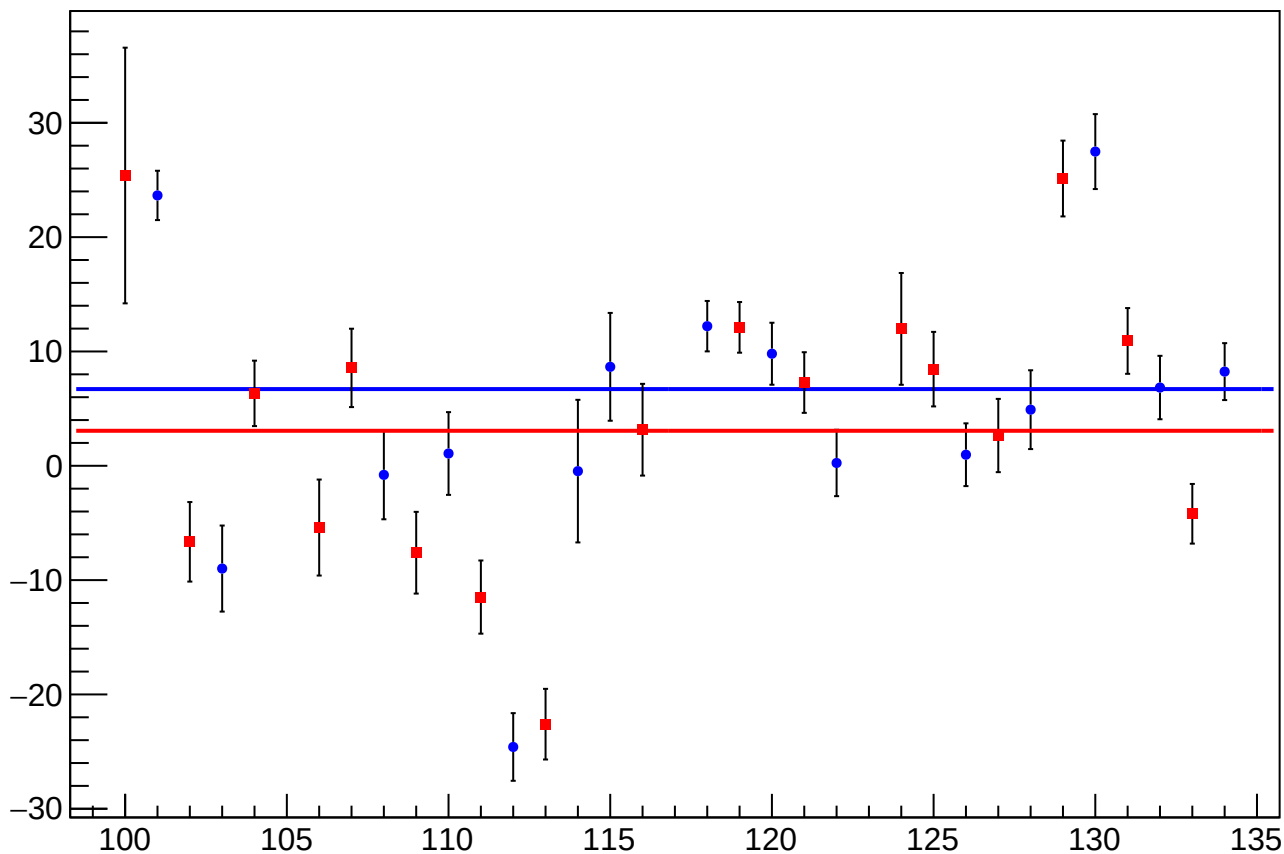
Right: 152.375+/-0.514 χ^2/NDF : 3396.7/31

In: 148.401+/-0.726 χ^2/NDF : 1826.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.375+/-0.514 χ^2/NDF : 3396.7/31

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.710 $\pm$ 0.773 χ^2 /NDF: 256.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.062 $\pm$ 0.782 χ^2 /NDF: 203.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

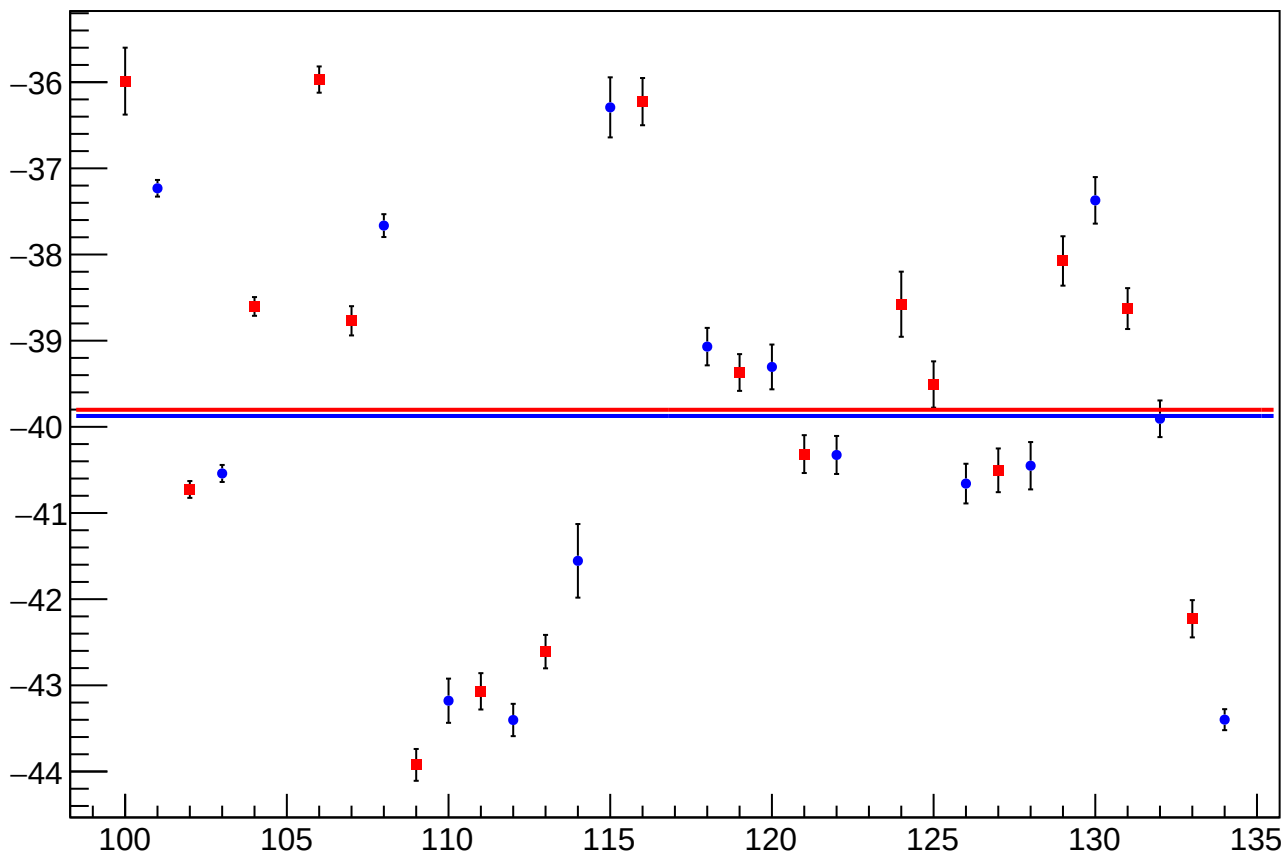
Right: 4.908 $\pm$ 0.550 χ^2 /NDF: 470.3/31

In: 6.710 $\pm$ 0.773 χ^2 /NDF:256.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.908 $\pm$ 0.550 χ^2 /NDF: 470.3/31

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.874+/-0.044 χ^2/NDF : 2674.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.802+/-0.045 χ^2/NDF : 2311.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

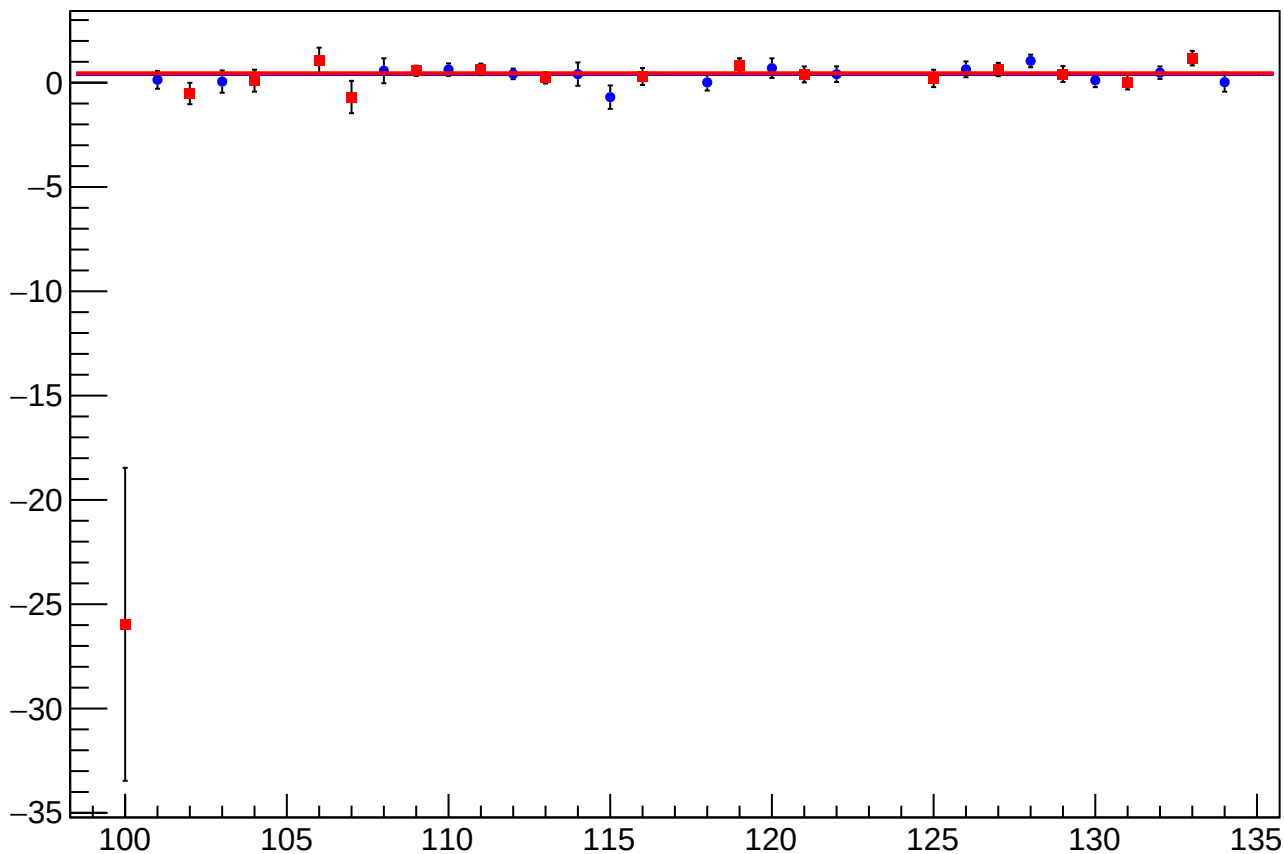
Right: -39.839+/-0.031 χ^2/NDF : 4986.3/31

In: -39.874+/-0.044 χ^2/NDF :2674.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.839+/-0.031 χ^2/NDF : 4986.3/31

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.413+/-0.097 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.450+/-0.093 χ^2/NDF : 28.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

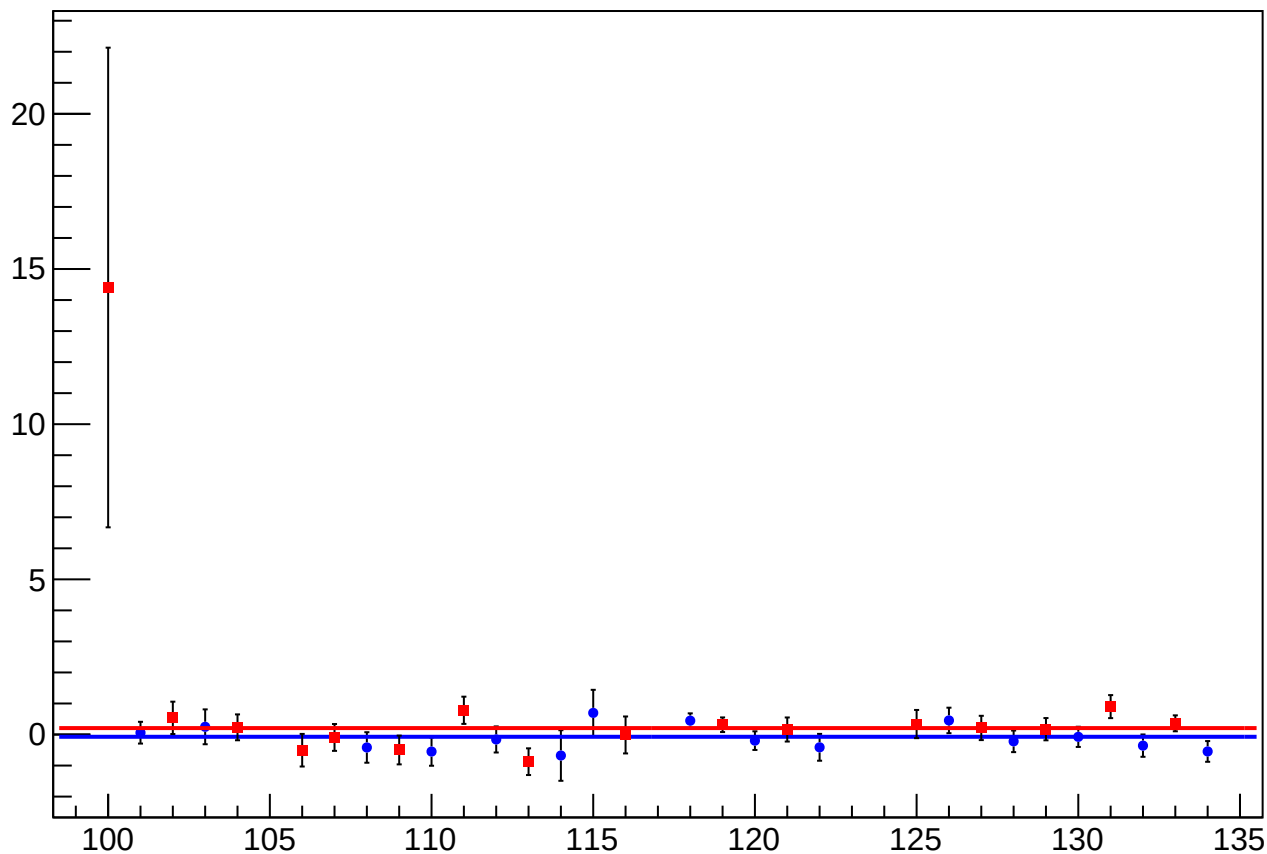
Right: 0.432+/-0.067 χ^2/NDF : 41.6/30

In: 0.413+/-0.097 χ^2/NDF : 13.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.432+/-0.067 χ^2/NDF : 41.6/30

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.073+/-0.098 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.207+/-0.099 χ^2/NDF : 20.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

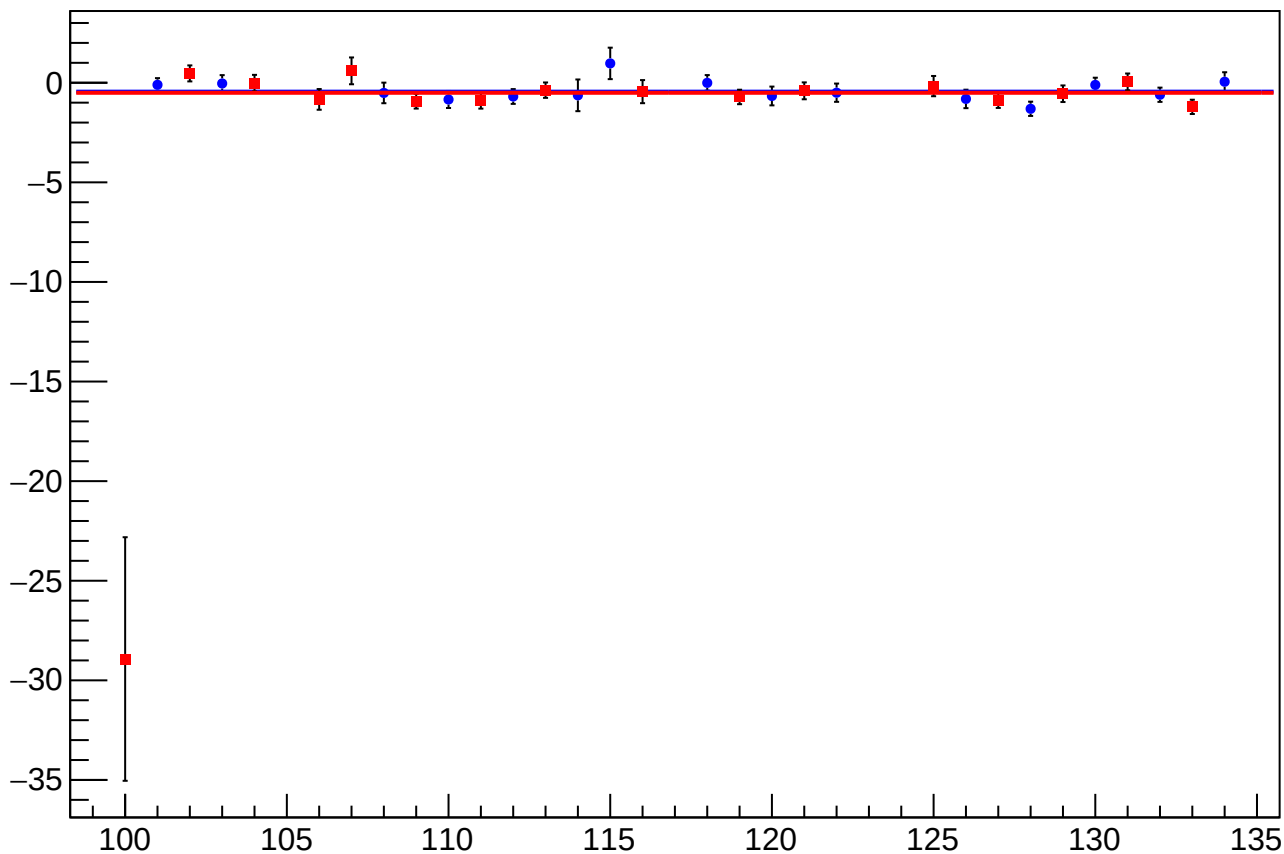
Right: 0.066+/-0.070 χ^2/NDF : 38.6/30

In: -0.073+/-0.098 χ^2/NDF :13.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.066+/-0.070 χ^2/NDF : 38.6/30

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.447+/-0.110 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.504+/-0.109 χ^2/NDF : 41.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

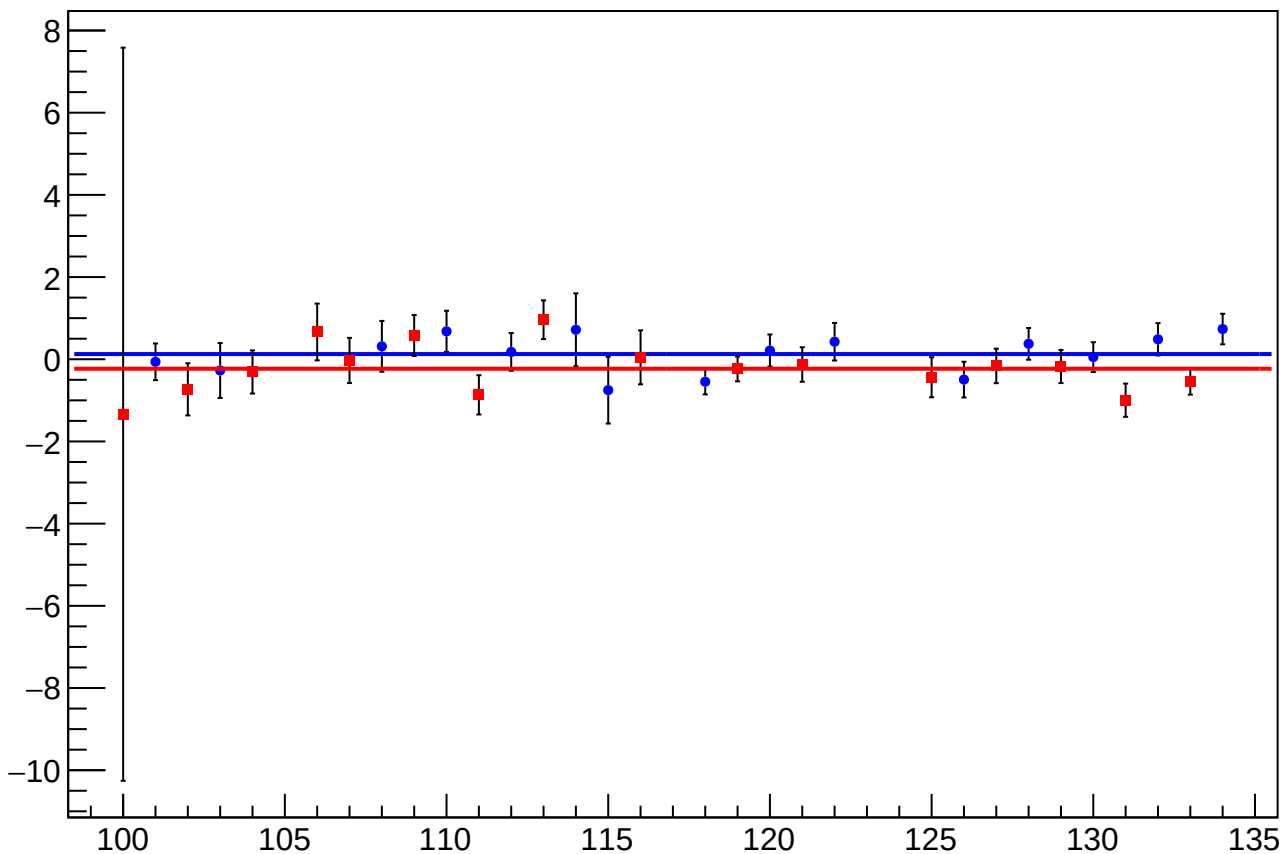
Right: -0.476+/-0.078 χ^2/NDF : 58.3/30

In: -0.447+/-0.110 χ^2/NDF : 16.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.476+/-0.078 χ^2/NDF : 58.3/30

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.126+/-0.114 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.230+/-0.115 χ^2/NDF : 18.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

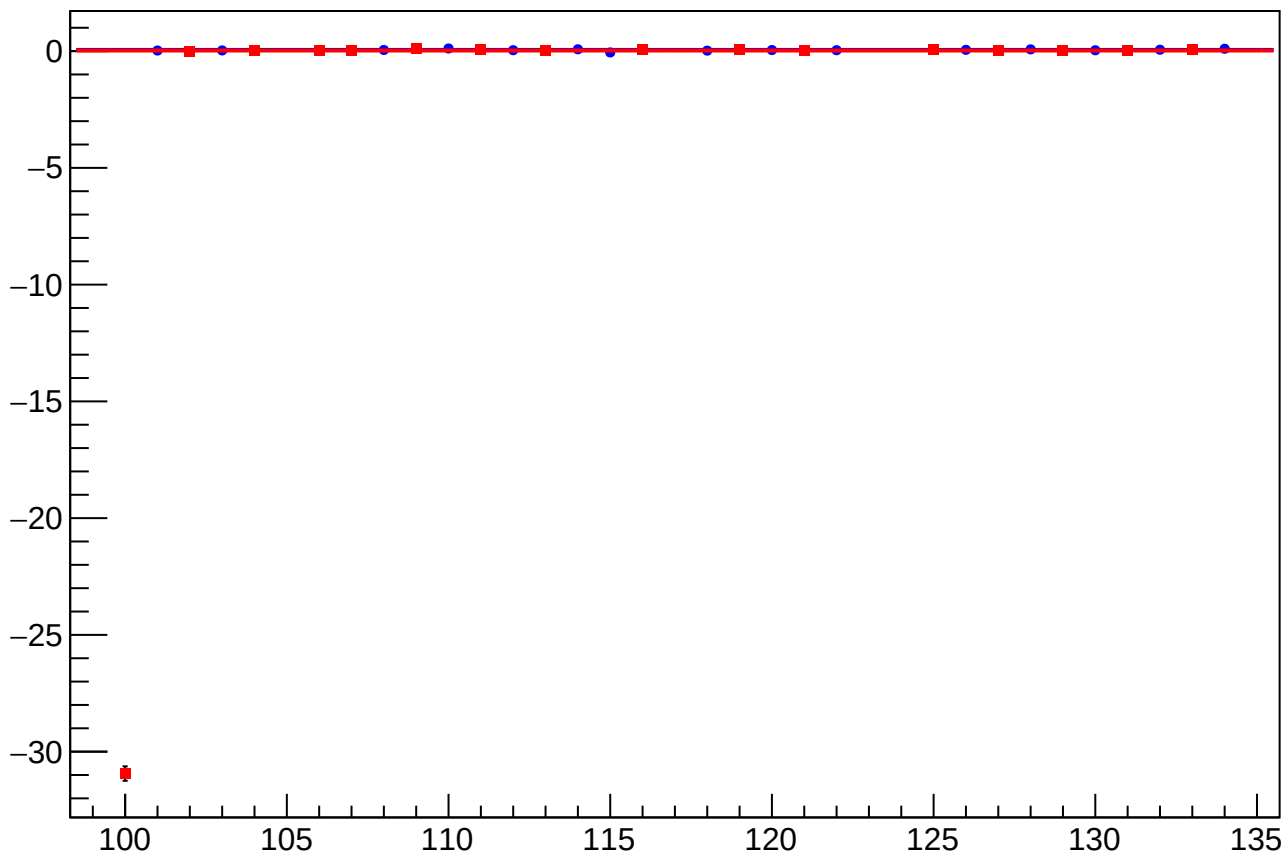
Right: -0.051+/-0.081 χ^2/NDF : 37.9/30

In: 0.126+/-0.114 χ^2/NDF : 14.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.051+/-0.081 χ^2/NDF : 37.9/30

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.050+/-0.007 χ^2/NDF : 18.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.007 χ^2/NDF : 10014.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

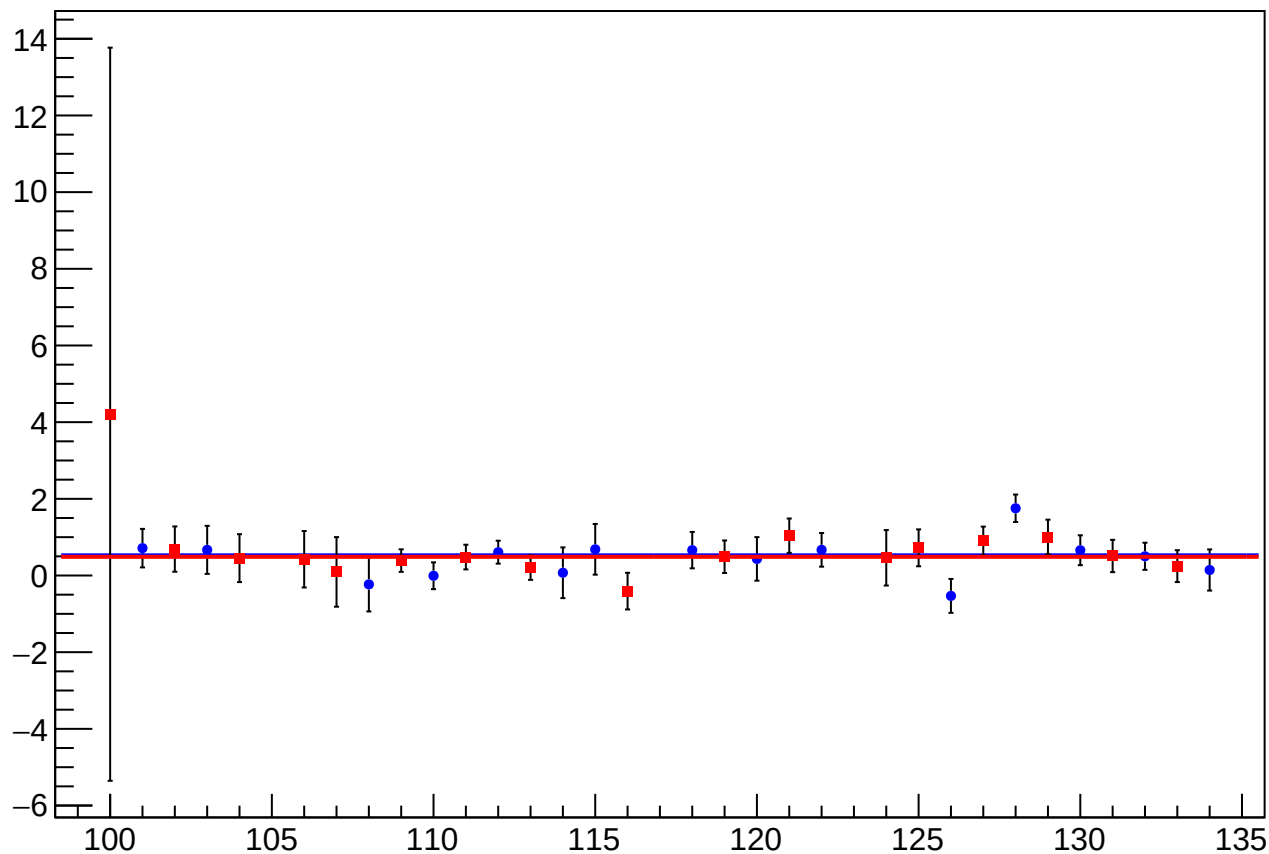
Right: 0.038+/-0.005 χ^2/NDF : 10039.1/30

In: 0.050+/-0.007 χ^2/NDF : 18.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.005 χ^2/NDF : 10039.1/30

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.527+/-0.115 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.488+/-0.109 χ^2/NDF : 9.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

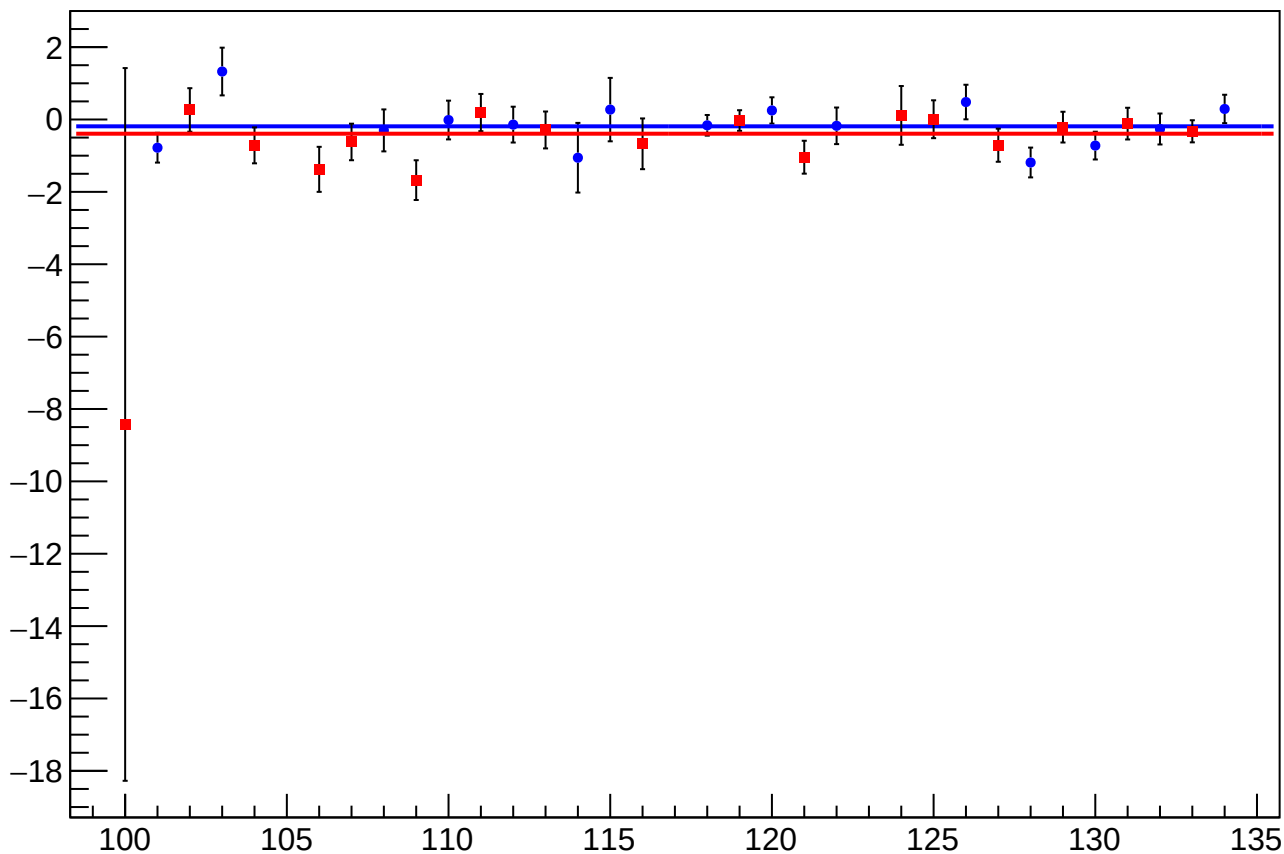
Right: 0.506+/-0.079 χ^2/NDF : 32.1/31

In: 0.527+/-0.115 χ^2/NDF : 22.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.506+/-0.079 χ^2/NDF : 32.1/31

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.189+/-0.116 χ^2/NDF : 21.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.393+/-0.116 χ^2/NDF : 17.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

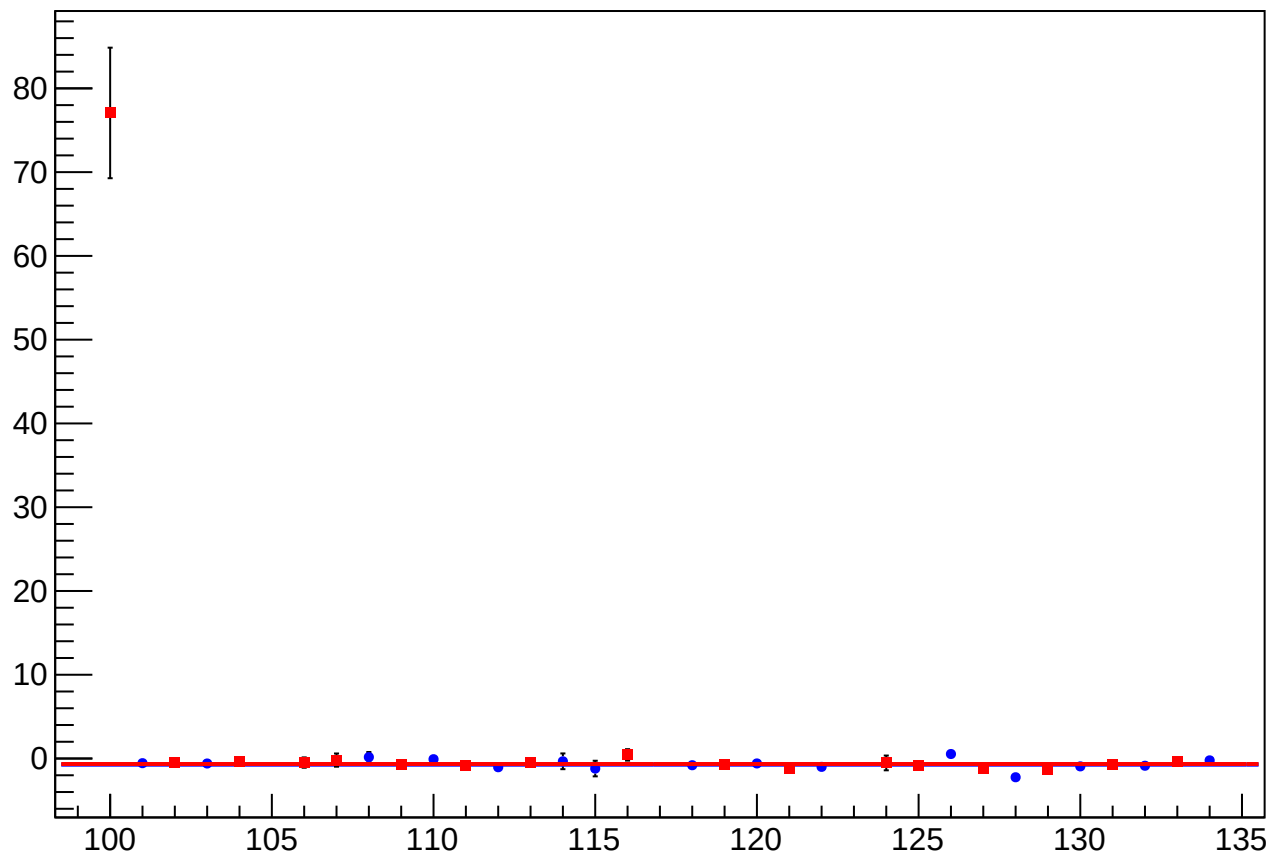
Right: -0.292+/-0.082 χ^2/NDF : 40.6/31

In: -0.189+/-0.116 χ^2/NDF :21.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.292+/-0.082 χ^2/NDF : 40.6/31

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.732 $\pm$ 0.130 χ^2 /NDF: 24.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.656 $\pm$ 0.128 χ^2 /NDF: 108.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

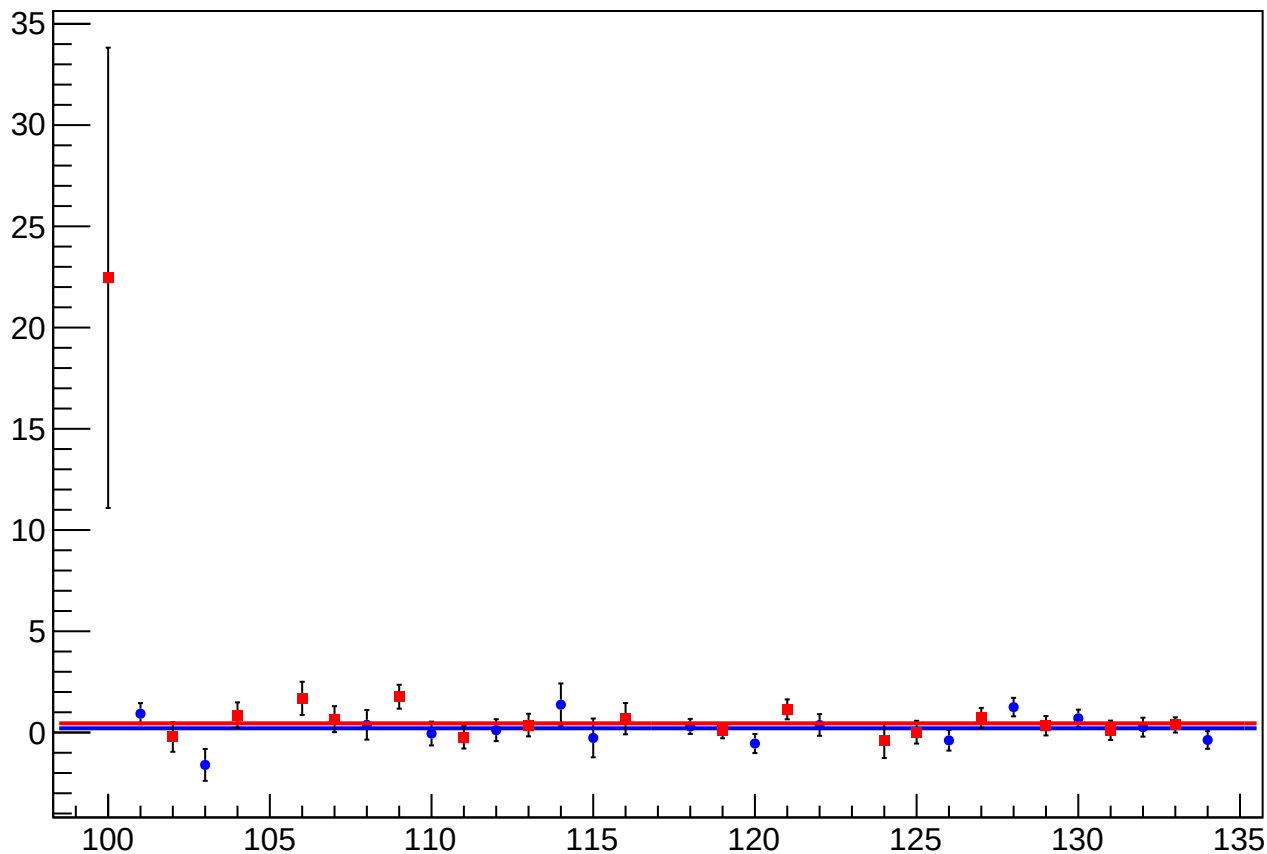
Right: -0.693 $\pm$ 0.091 χ^2 /NDF: 133.5/31

In: -0.732 $\pm$ 0.130 χ^2 /NDF:24.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.693 $\pm$ 0.091 χ^2 /NDF: 133.5/31

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.135 χ^2 /NDF: 21.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.455 $\pm$ 0.134 χ^2 /NDF: 19.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

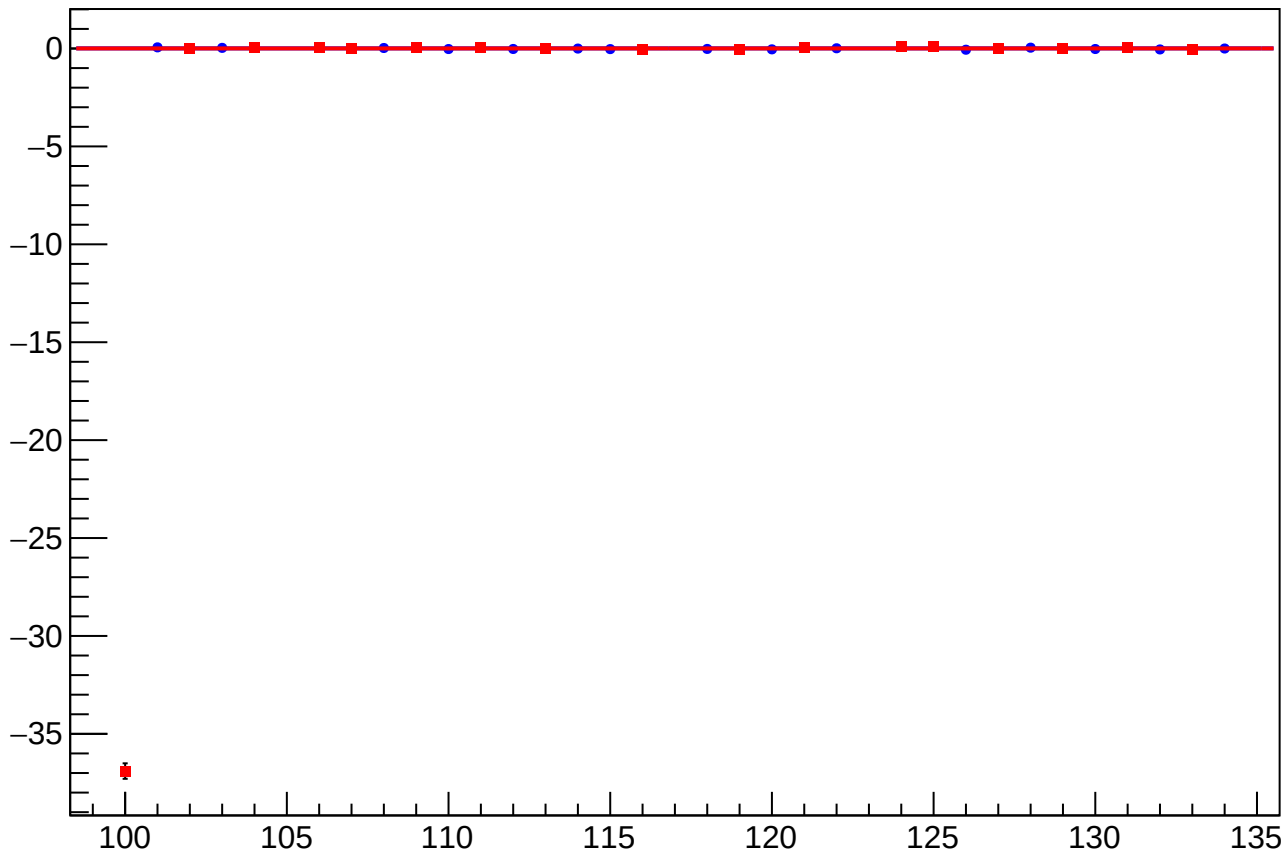
Right: 0.332 $\pm$ 0.095 χ^2 /NDF: 42.6/31

In: 0.208 $\pm$ 0.135 χ^2 /NDF:21.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.332 $\pm$ 0.095 χ^2 /NDF: 42.6/31

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.008 χ^2 /NDF: 17.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.008 χ^2 /NDF: 8752.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

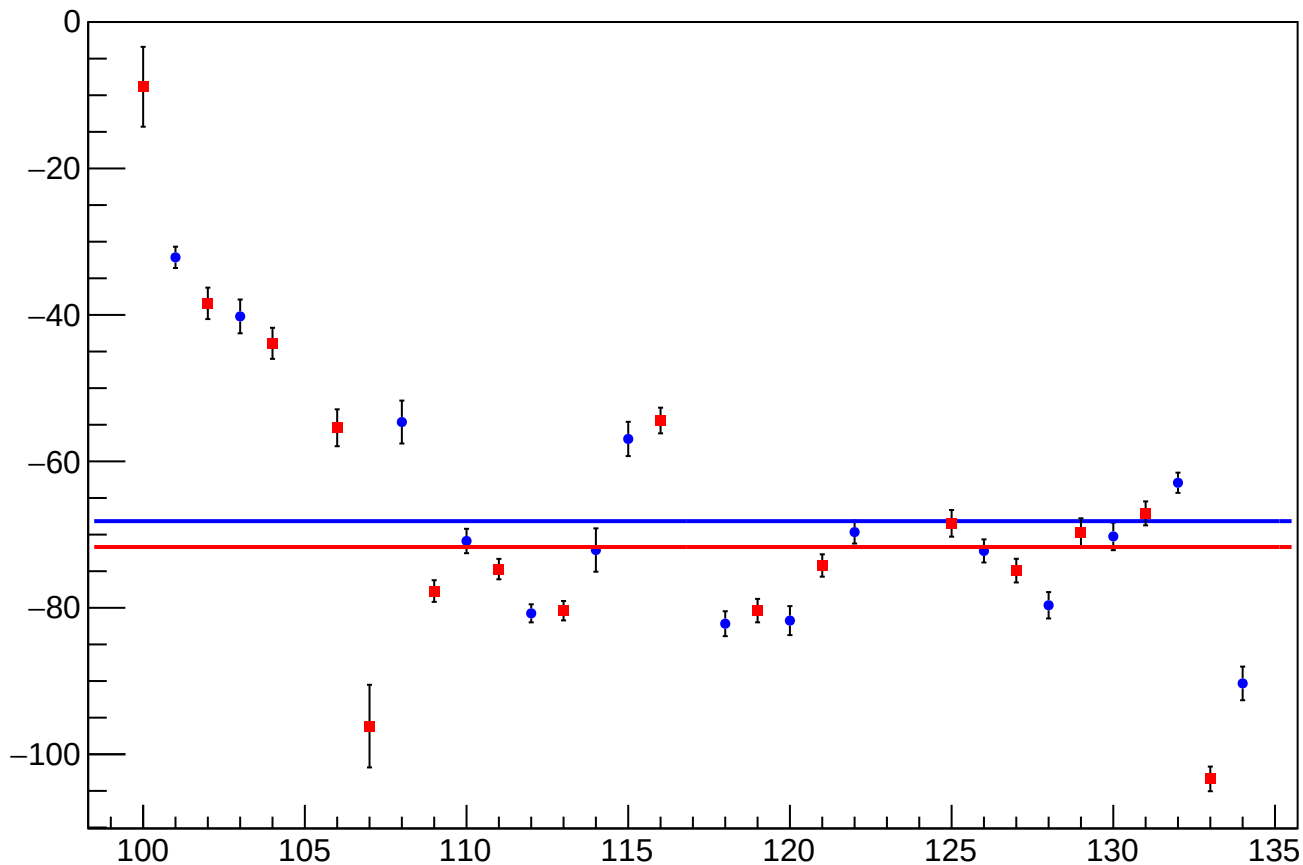
Right: 0.005 $\pm$ 0.006 χ^2 /NDF: 8770.6/31

In: 0.006 $\pm$ 0.008 χ^2 /NDF: 17.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 8770.6/31

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -68.163 $\pm$ 0.456 χ^2 /NDF: 1183.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.694 $\pm$ 0.446 χ^2 /NDF: 1169.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

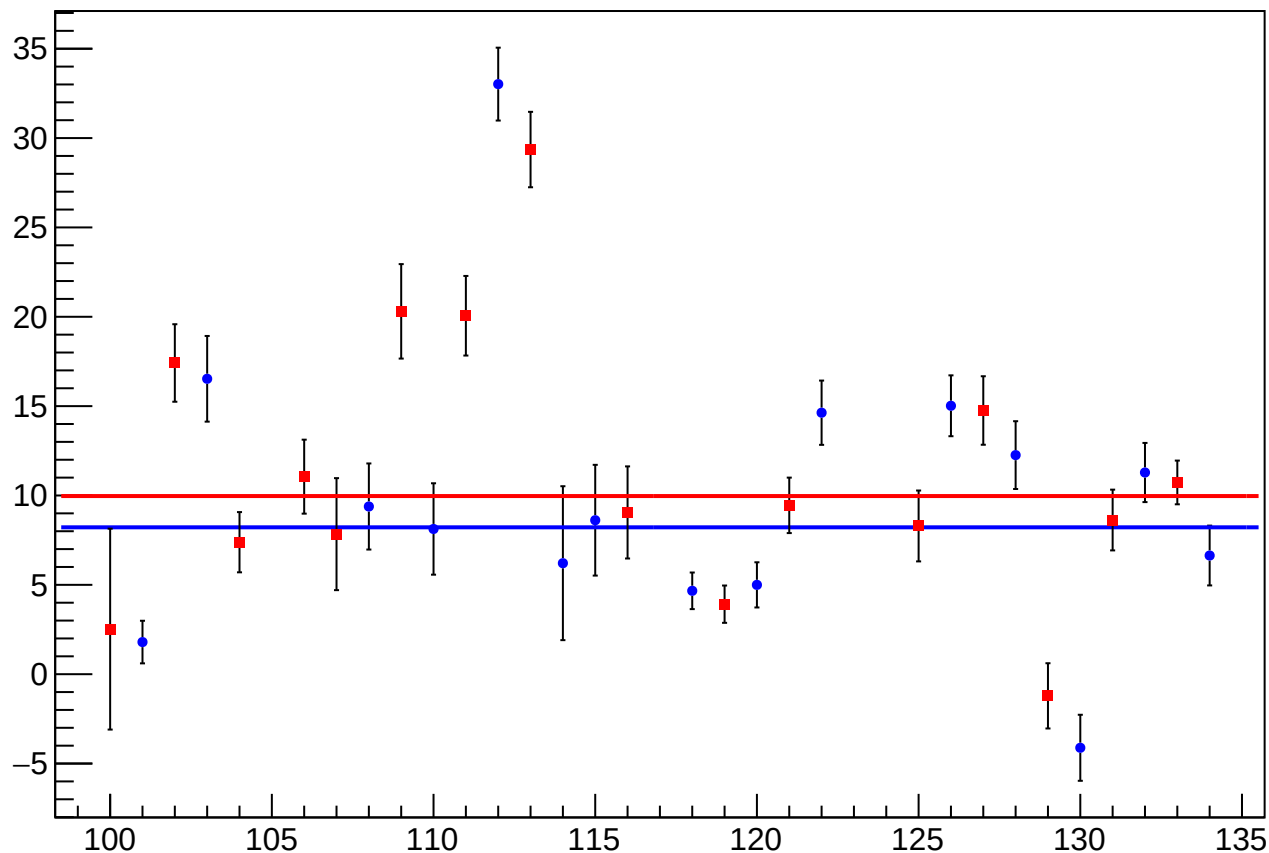
Right: -69.967 $\pm$ 0.319 χ^2 /NDF: 2383.5/30

In: -68.163 $\pm$ 0.456 χ^2 /NDF:1183.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.967 $\pm$ 0.319 χ^2 /NDF: 2383.5/30

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.219+/-0.442 χ^2/NDF : 290.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.968+/-0.455 χ^2/NDF : 216.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

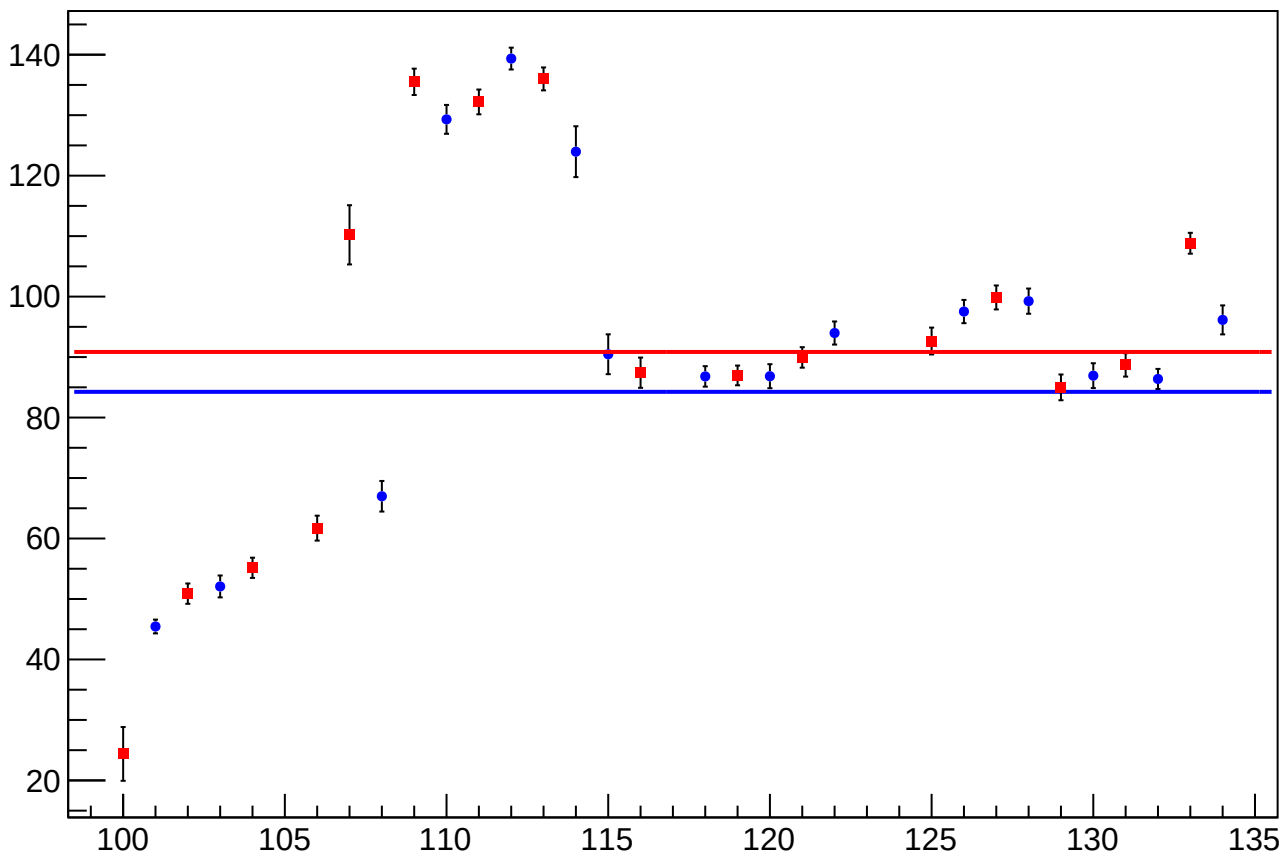
Right: 9.067+/-0.317 χ^2/NDF : 513.9/30

In: 8.219+/-0.442 χ^2/NDF : 290.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.067+/-0.317 χ^2/NDF : 513.9/30

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.252+/-0.499 χ^2/NDF : 3059.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.848+/-0.504 χ^2/NDF : 3000.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

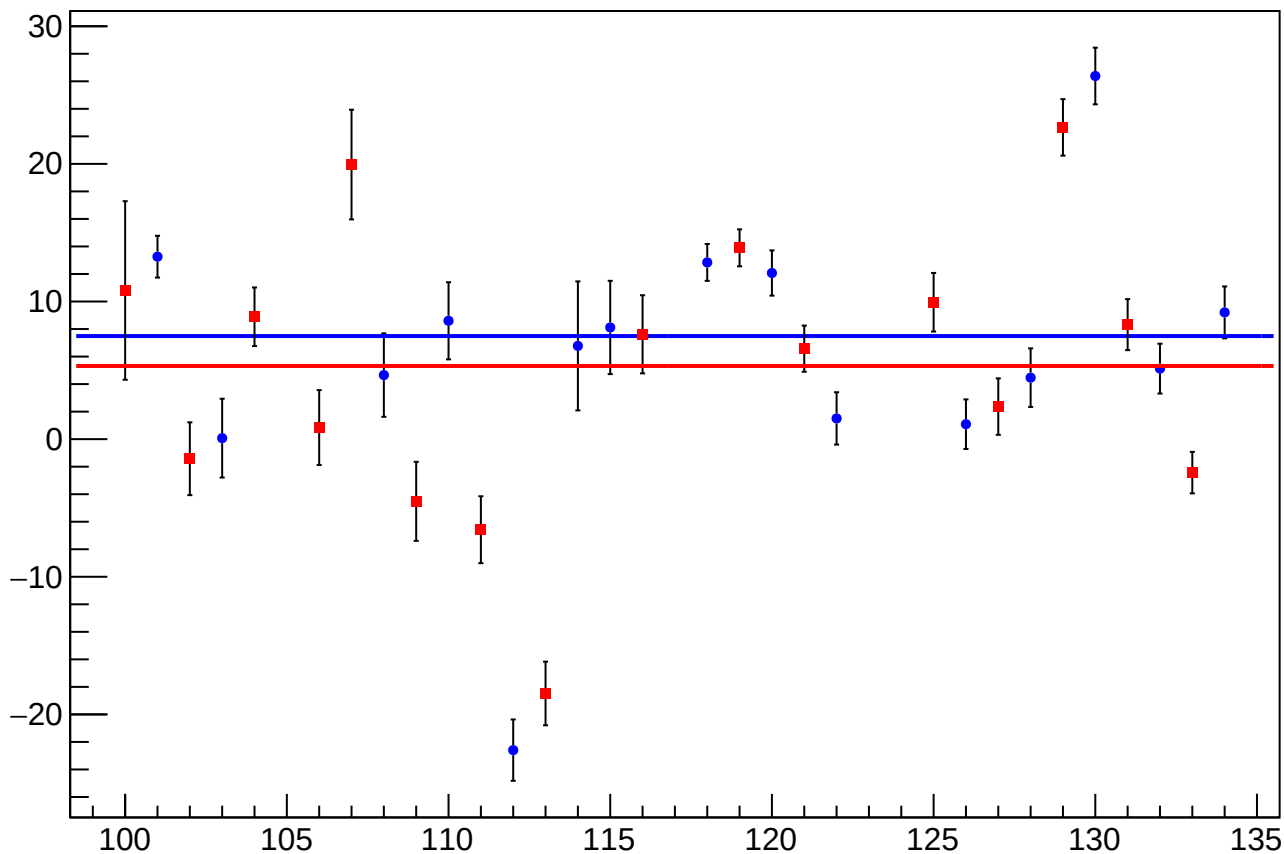
Right: 87.516+/-0.355 χ^2/NDF : 6146.4/30

In: 84.252+/-0.499 χ^2/NDF : 3059.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.516+/-0.355 χ^2/NDF : 6146.4/30

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.490+/-0.521 χ^2/NDF : 339.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.316+/-0.533 χ^2/NDF : 317.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

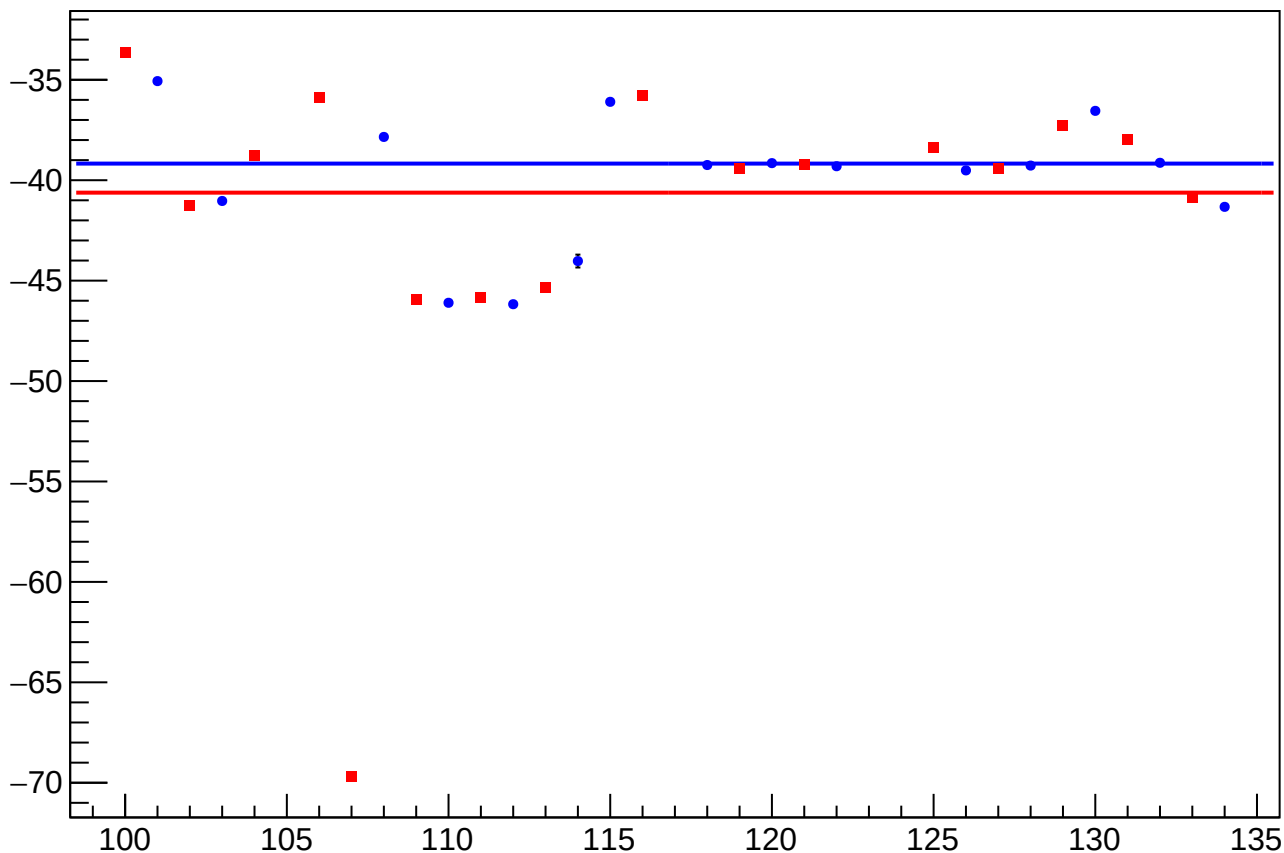
Right: 6.427+/-0.373 χ^2/NDF : 665.3/30

In: 7.490+/-0.521 χ^2/NDF : 339.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.427+/-0.373 χ^2/NDF : 665.3/30

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.172+/-0.032 χ^2/NDF : 9224.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.619+/-0.032 χ^2/NDF : 30413.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

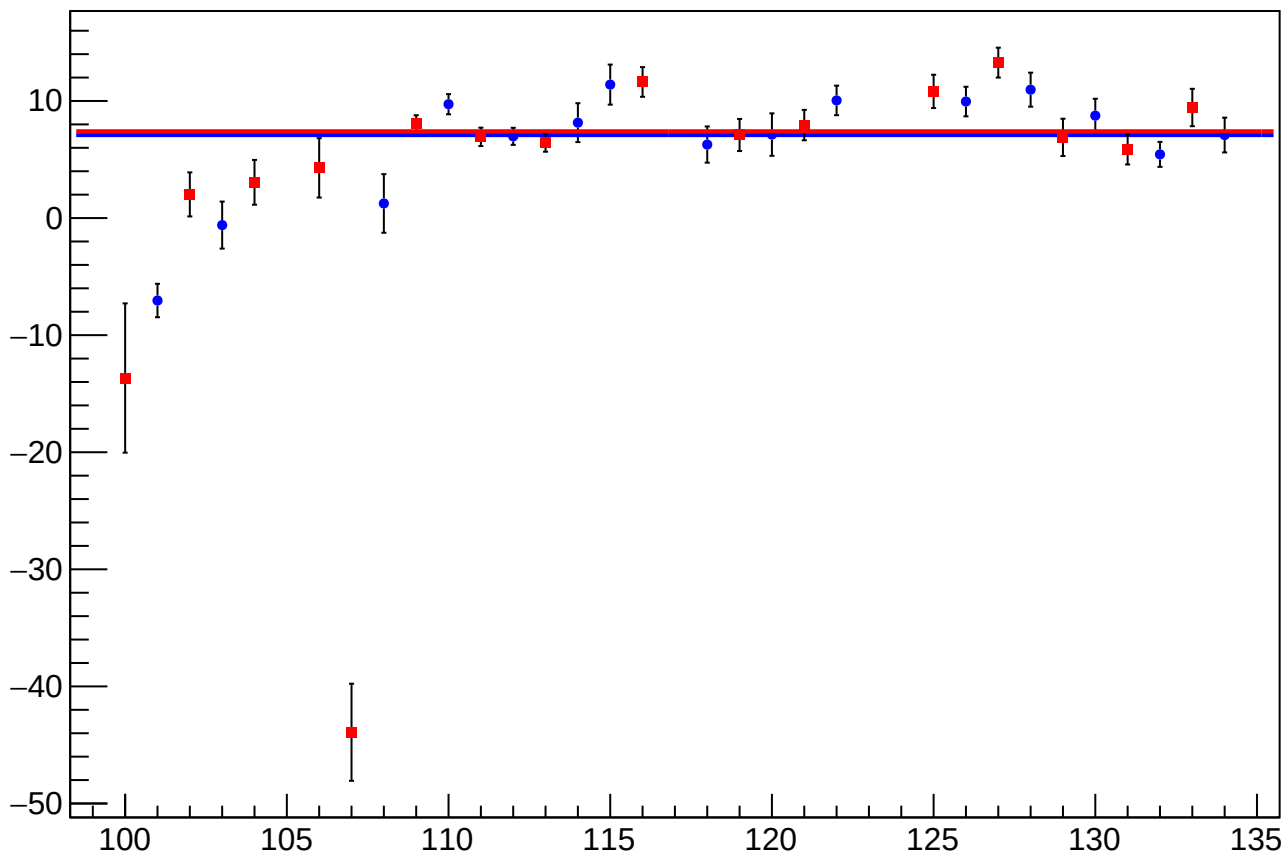
Right: -39.882+/-0.023 χ^2/NDF : 40668.6/30

In: -39.172+/-0.032 χ^2/NDF : 9224.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.882+/-0.023 χ^2/NDF : 40668.6/30

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.083+/-0.332 χ^2/NDF : 155.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.417+/-0.312 χ^2/NDF : 223.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

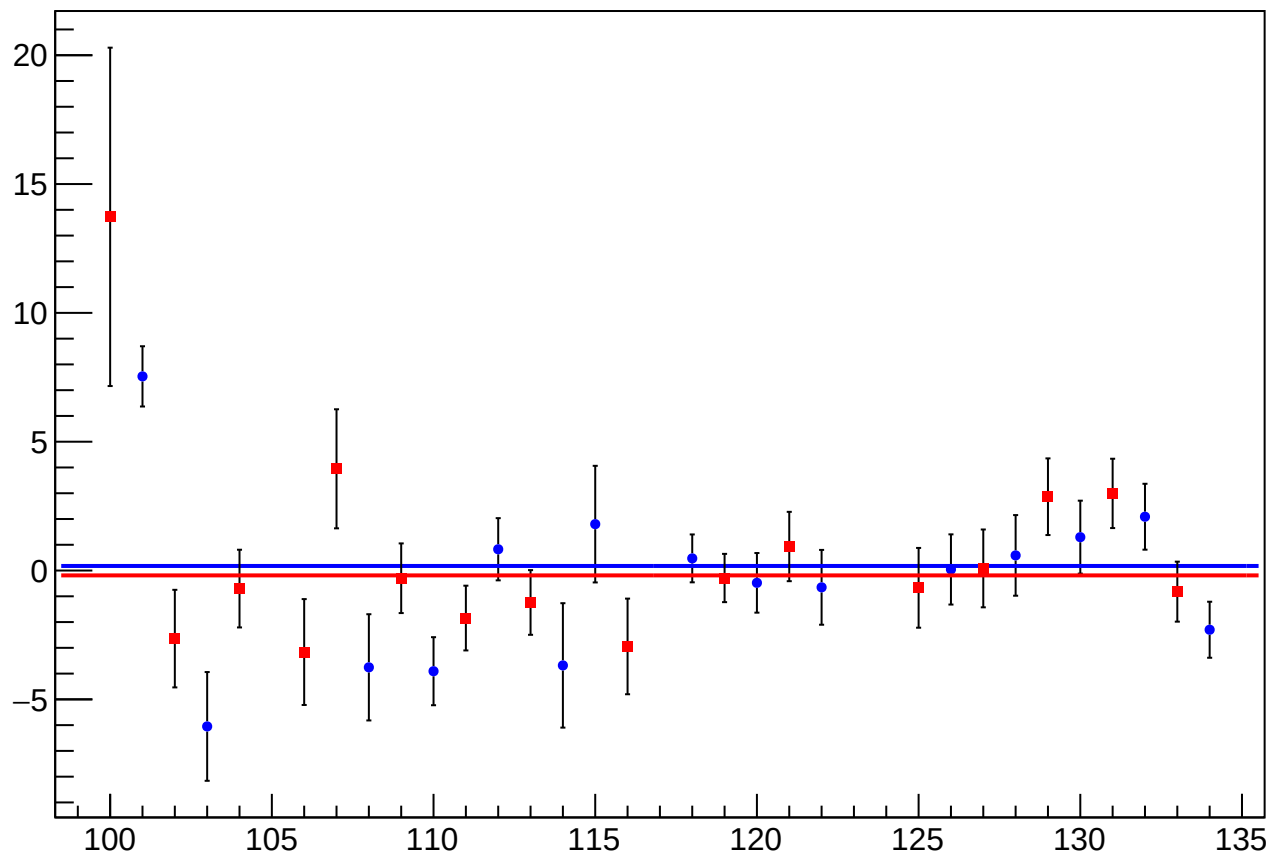
Right: 7.260+/-0.227 χ^2/NDF : 379.5/30

In: 7.083+/-0.332 χ^2/NDF : 155.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.260+/-0.227 χ^2/NDF : 379.5/30

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.178+/-0.351 χ^2/NDF : 73.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.188+/-0.364 χ^2/NDF : 27.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

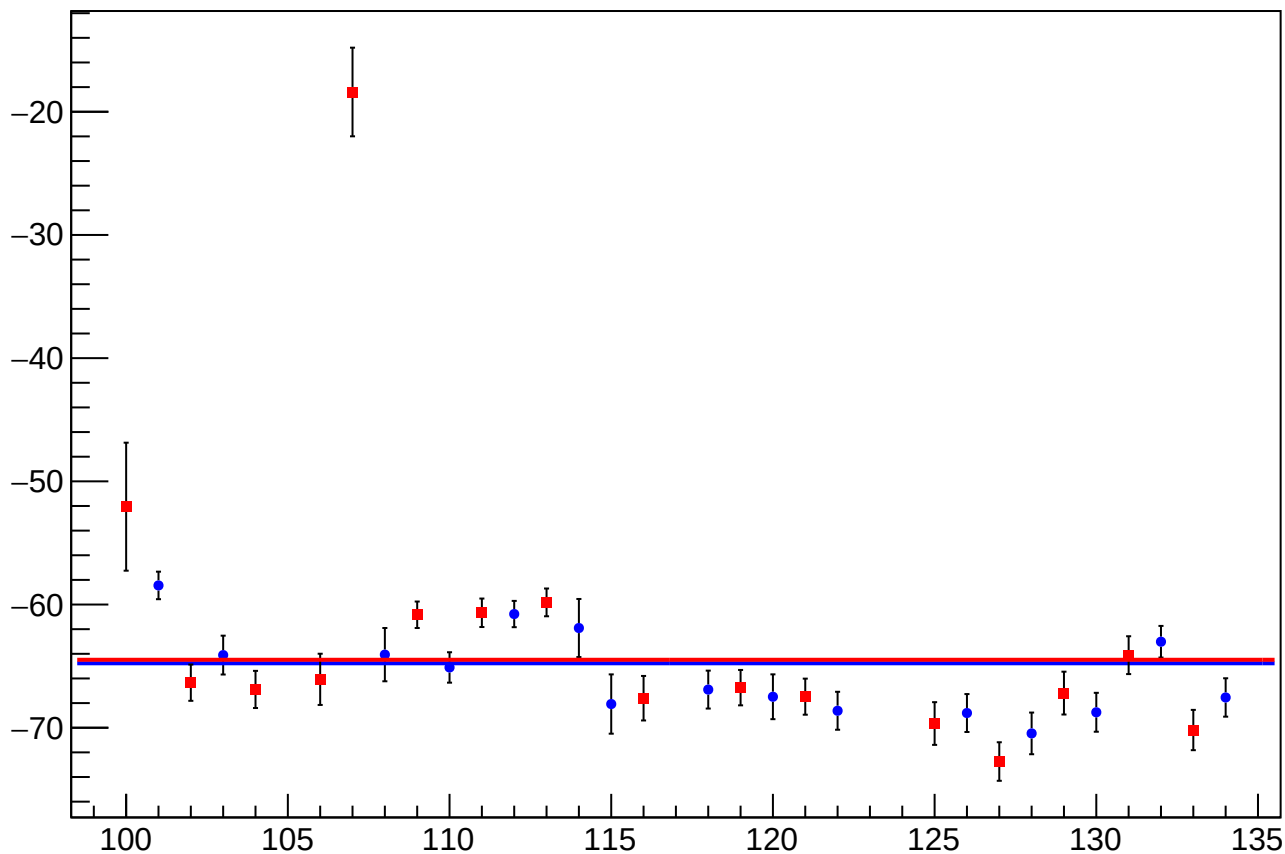
Right: 0.001+/-0.253 χ^2/NDF : 101.4/30

In: 0.178+/-0.351 χ^2/NDF : 73.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.253 χ^2/NDF : 101.4/30

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.770 $\pm$ 0.388 χ^2 /NDF: 89.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -64.483 $\pm$ 0.384 χ^2 /NDF: 275.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

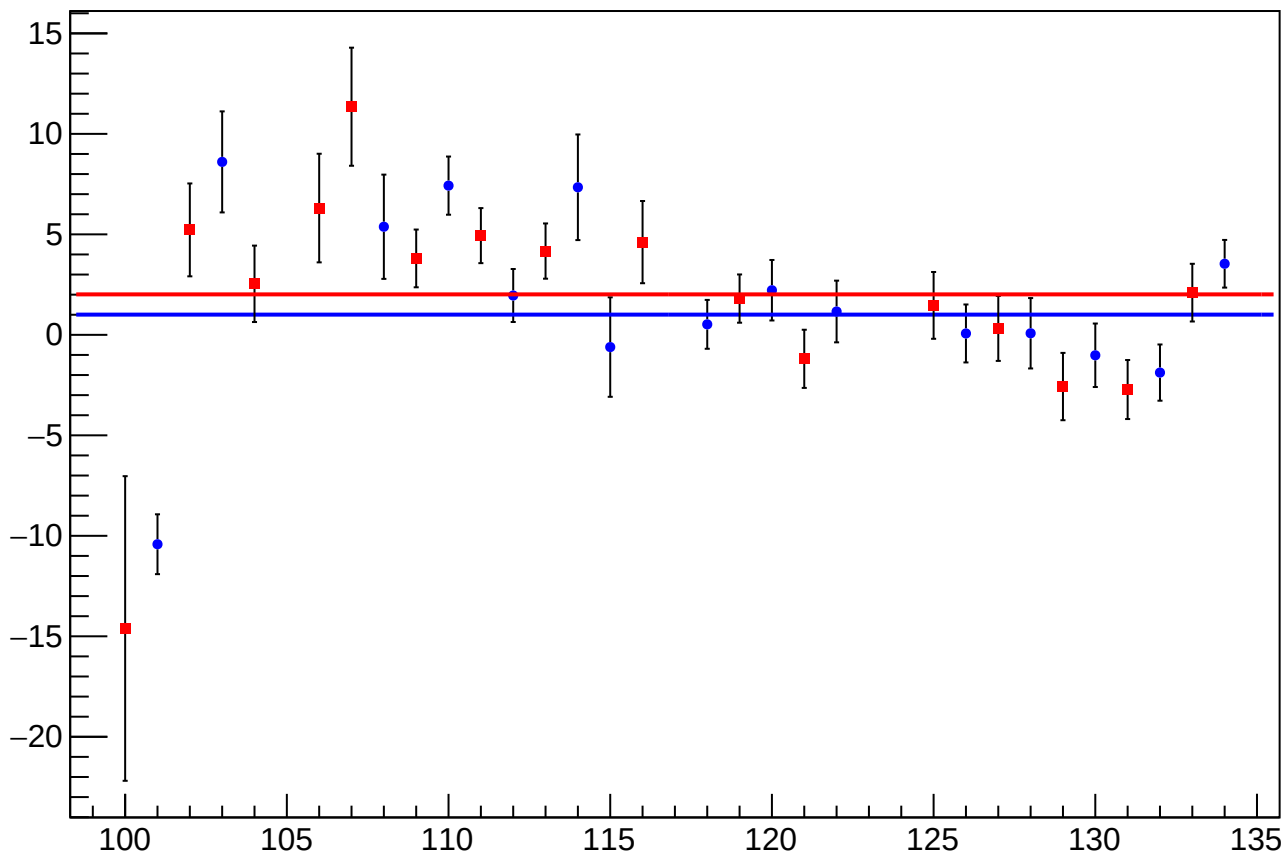
Right: -64.625 $\pm$ 0.273 χ^2 /NDF: 365.1/30

In: -64.770 $\pm$ 0.388 χ^2 /NDF:89.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.625 $\pm$ 0.273 χ^2 /NDF: 365.1/30

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.006+/-0.405 χ^2/NDF : 109.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.014+/-0.417 χ^2/NDF : 53.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

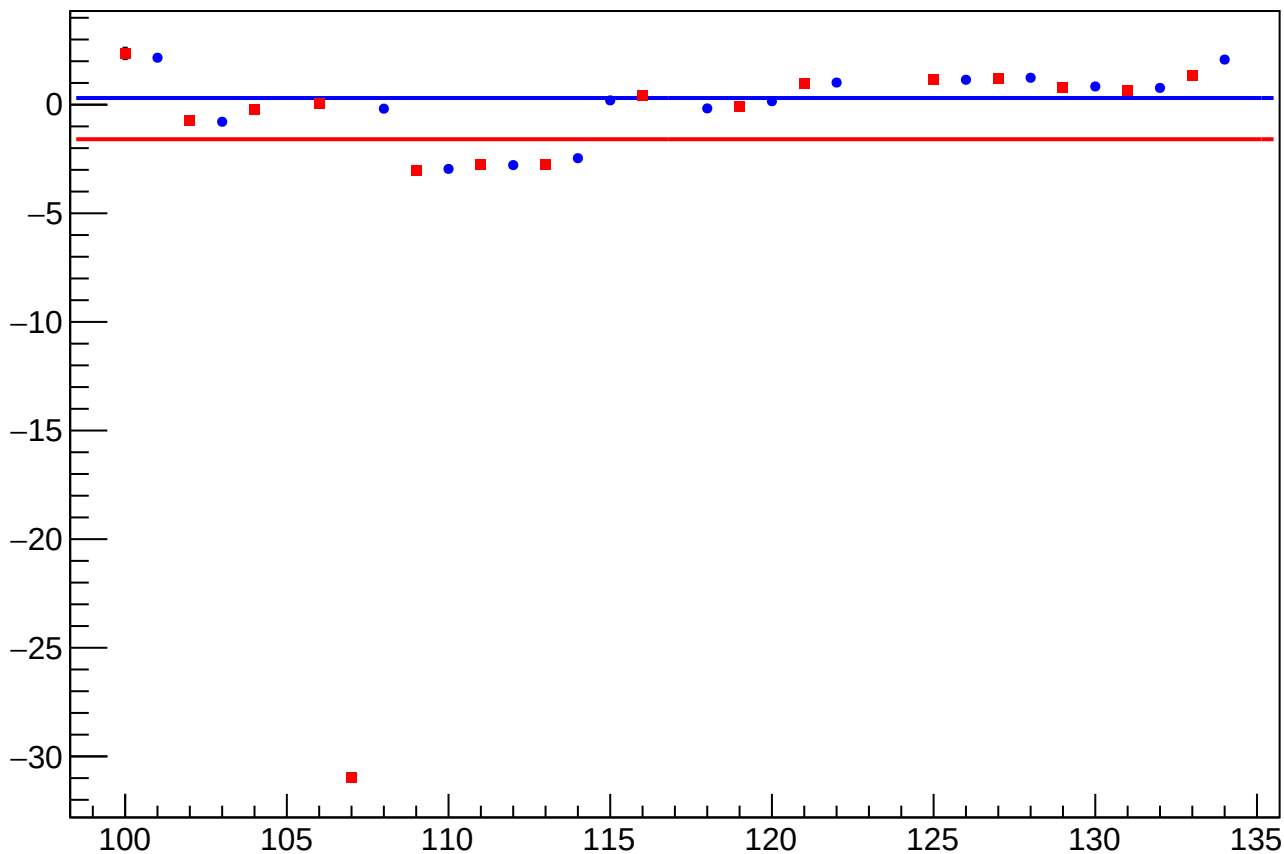
Right: 1.495+/-0.291 χ^2/NDF : 165.9/30

In: 1.006+/-0.405 χ^2/NDF : 109.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.495+/-0.291 χ^2/NDF : 165.9/30

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.025 χ^2/NDF : 4848.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.591+/-0.026 χ^2/NDF : 45075.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

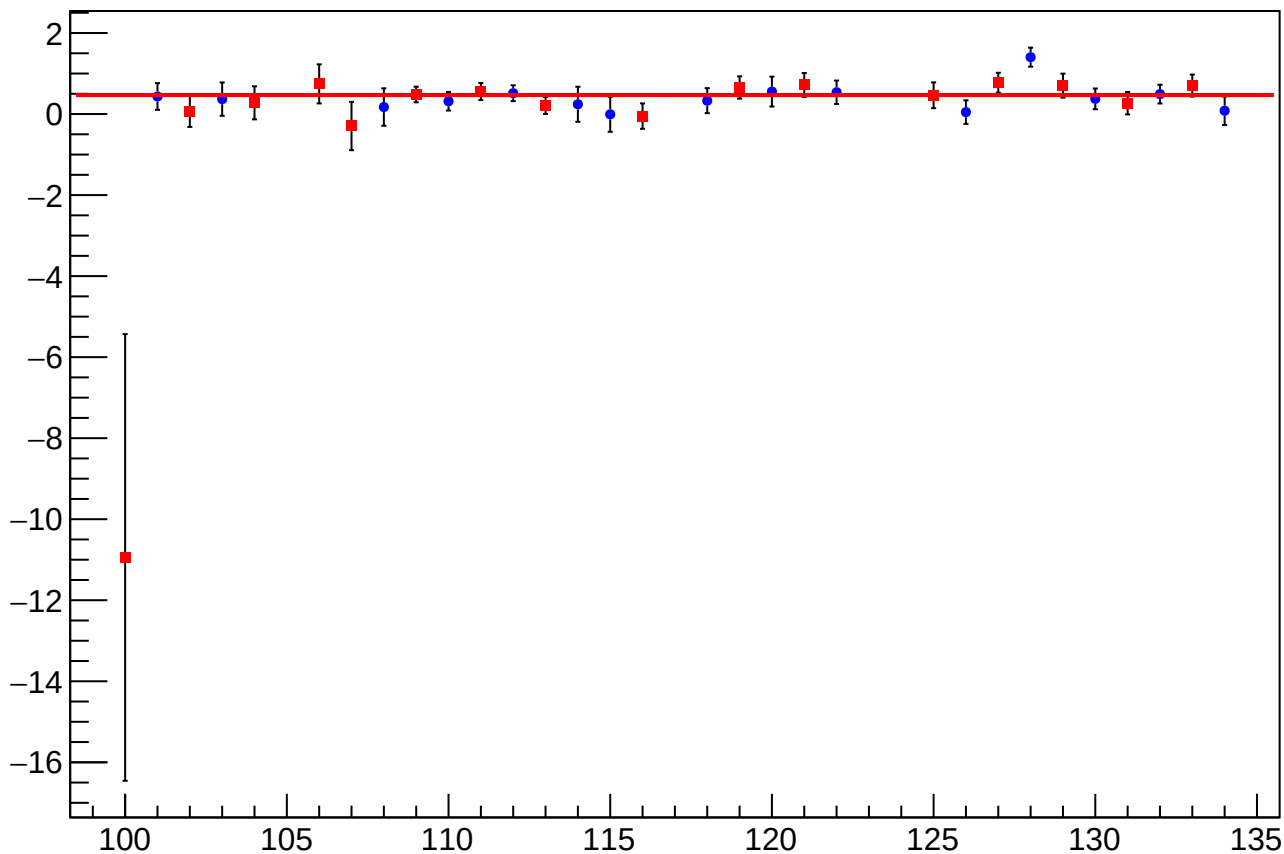
Right: -0.597+/-0.018 χ^2/NDF : 52755.6/30

In: 0.307+/-0.025 χ^2/NDF : 4848.3/14

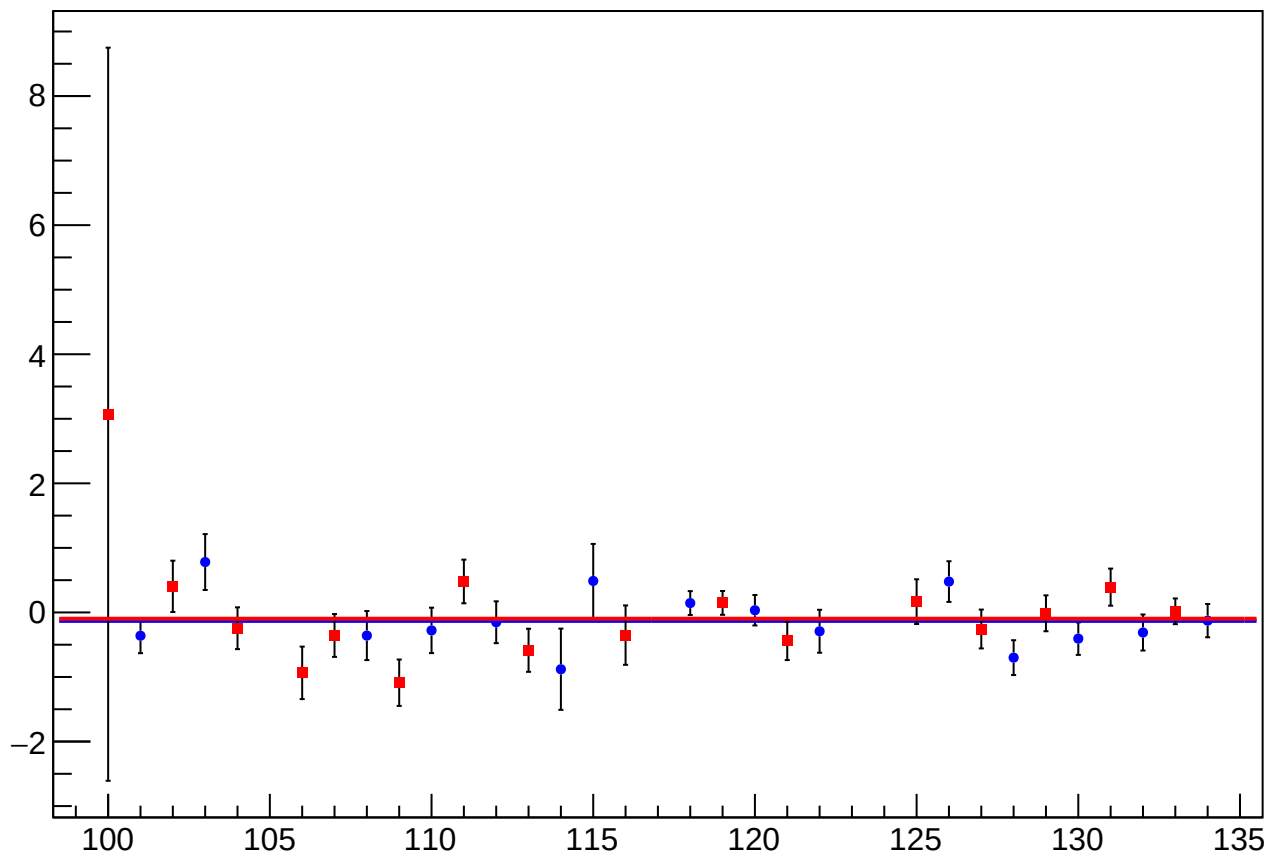
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.597+/-0.018 χ^2/NDF : 52755.6/30

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.131 ± 0.076 χ^2/NDF : 21.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.098 ± 0.076 χ^2/NDF : 27.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

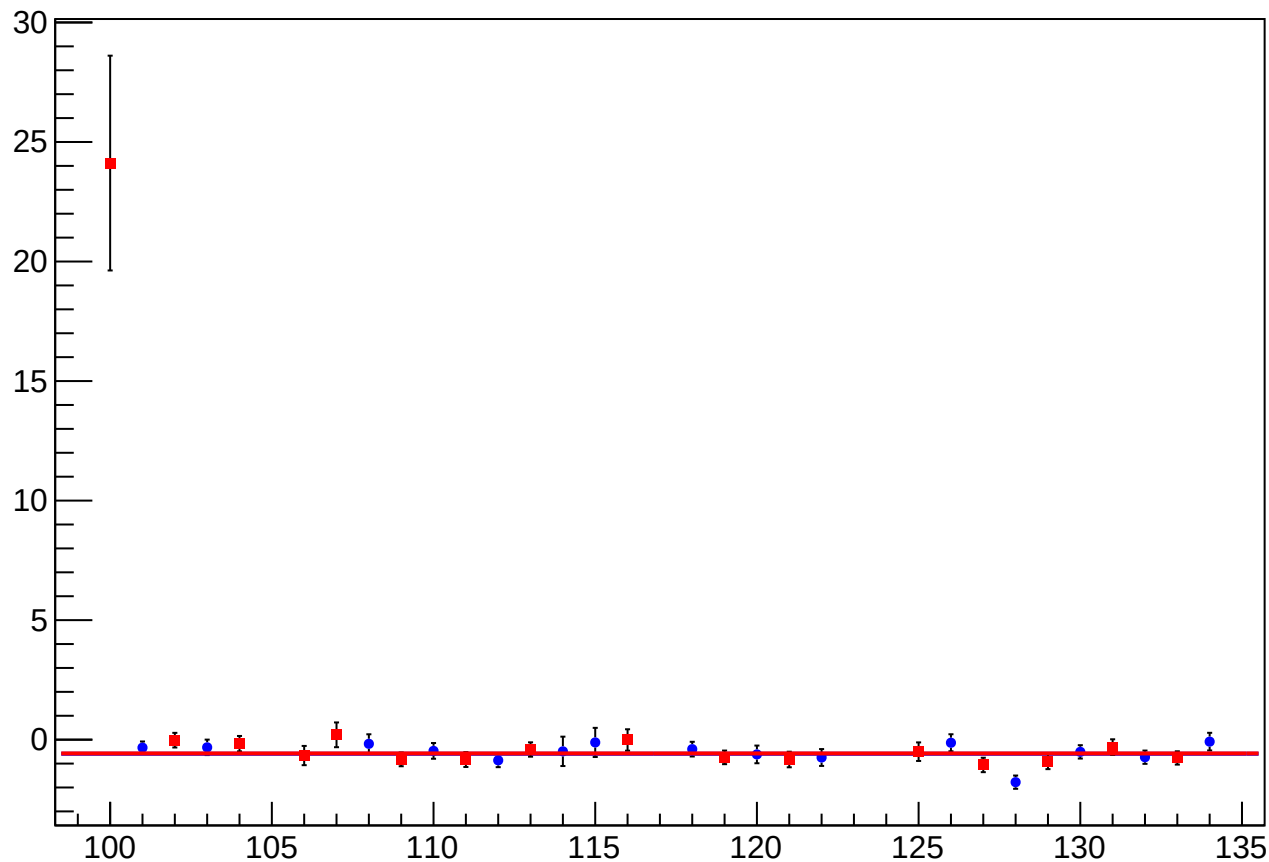
Right: -0.114 ± 0.054 χ^2/NDF : 48.3/30

In: -0.131 ± 0.076 χ^2/NDF : 21.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.114 ± 0.054 χ^2/NDF : 48.3/30

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.589+/-0.085 χ^2/NDF : 27.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.575+/-0.085 χ^2/NDF : 46.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

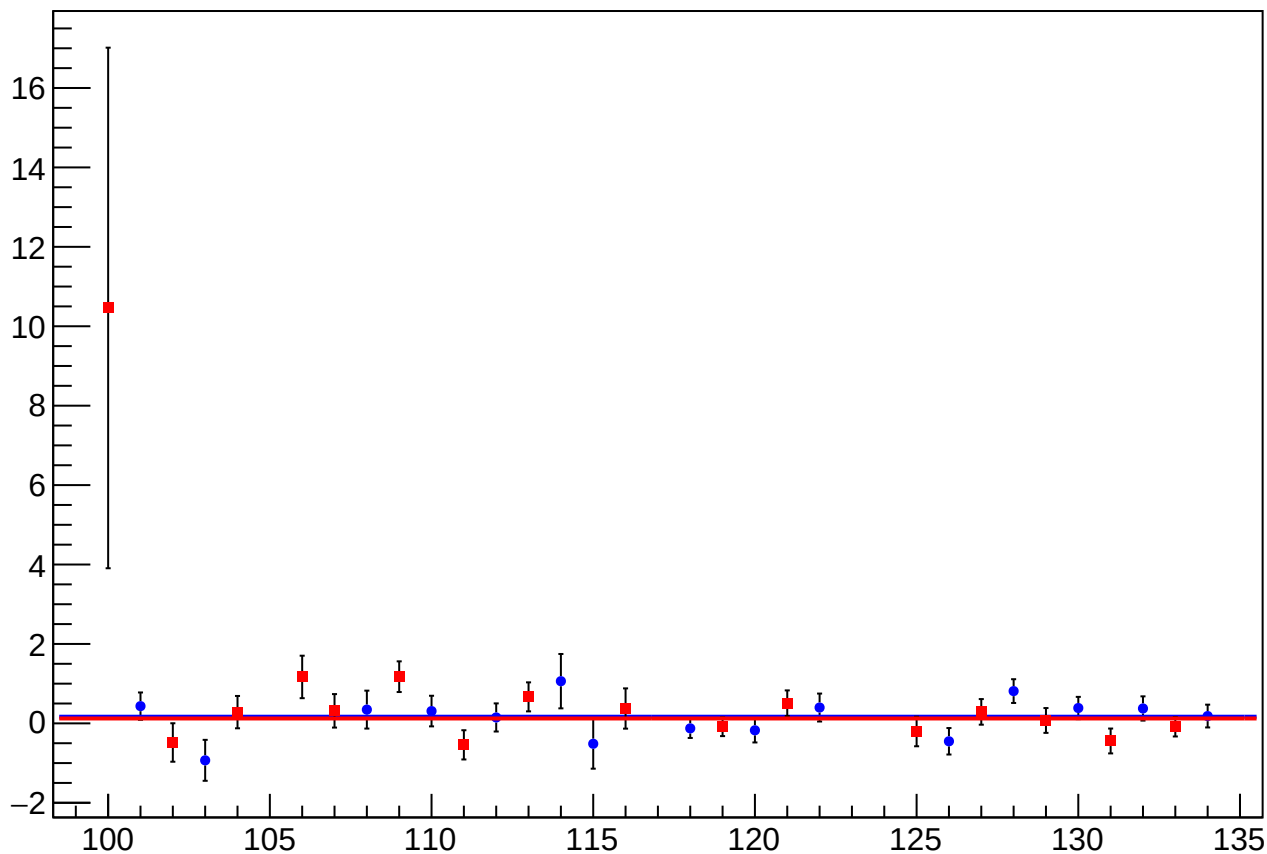
Right: -0.582+/-0.060 χ^2/NDF : 73.7/30

In: -0.589+/-0.085 χ^2/NDF :27.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.582+/-0.060 χ^2/NDF : 73.7/30

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.167+/-0.089 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.123+/-0.089 χ^2/NDF : 28.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

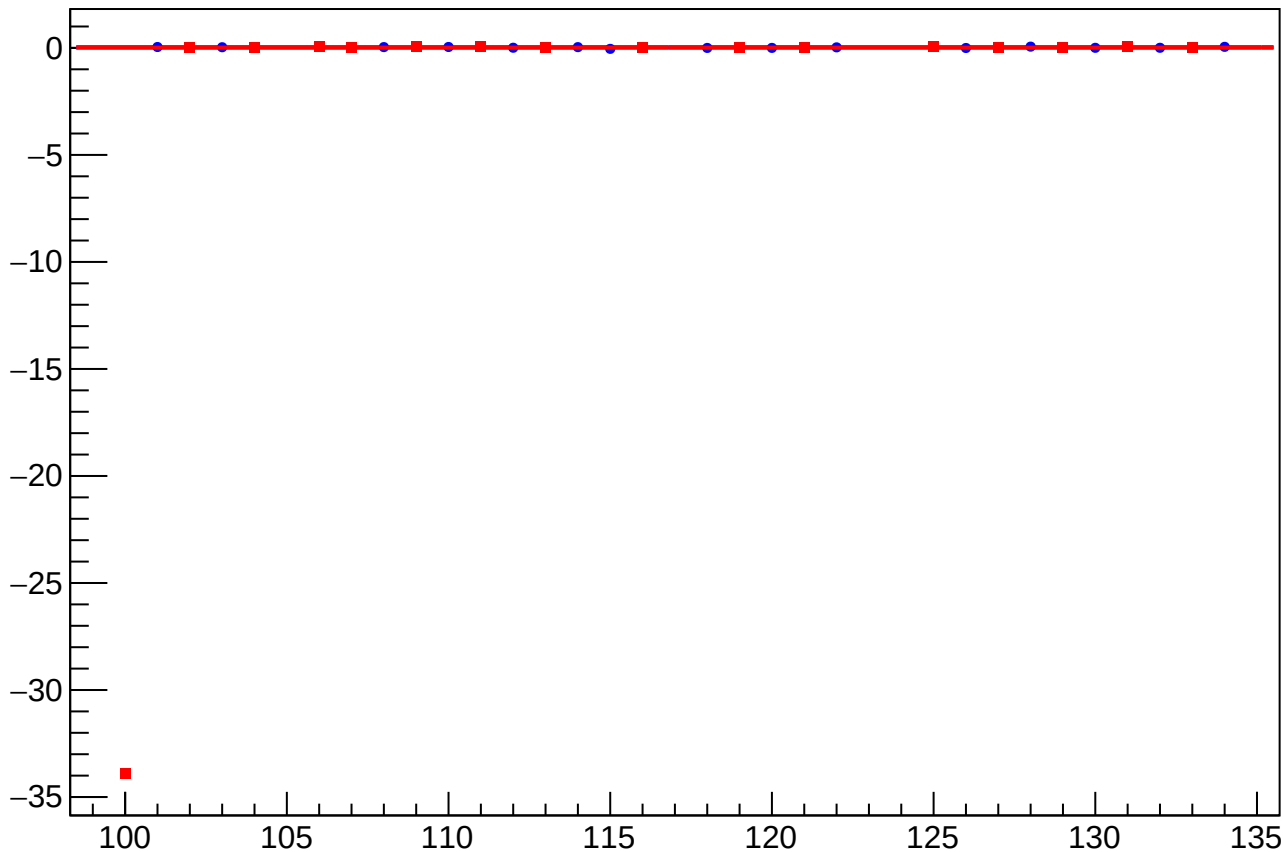
Right: 0.145+/-0.063 χ^2/NDF : 49.4/30

In: 0.167+/-0.089 χ^2/NDF : 20.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.145+/-0.063 χ^2/NDF : 49.4/30

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.005 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.005 χ^2 /NDF: 22260.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

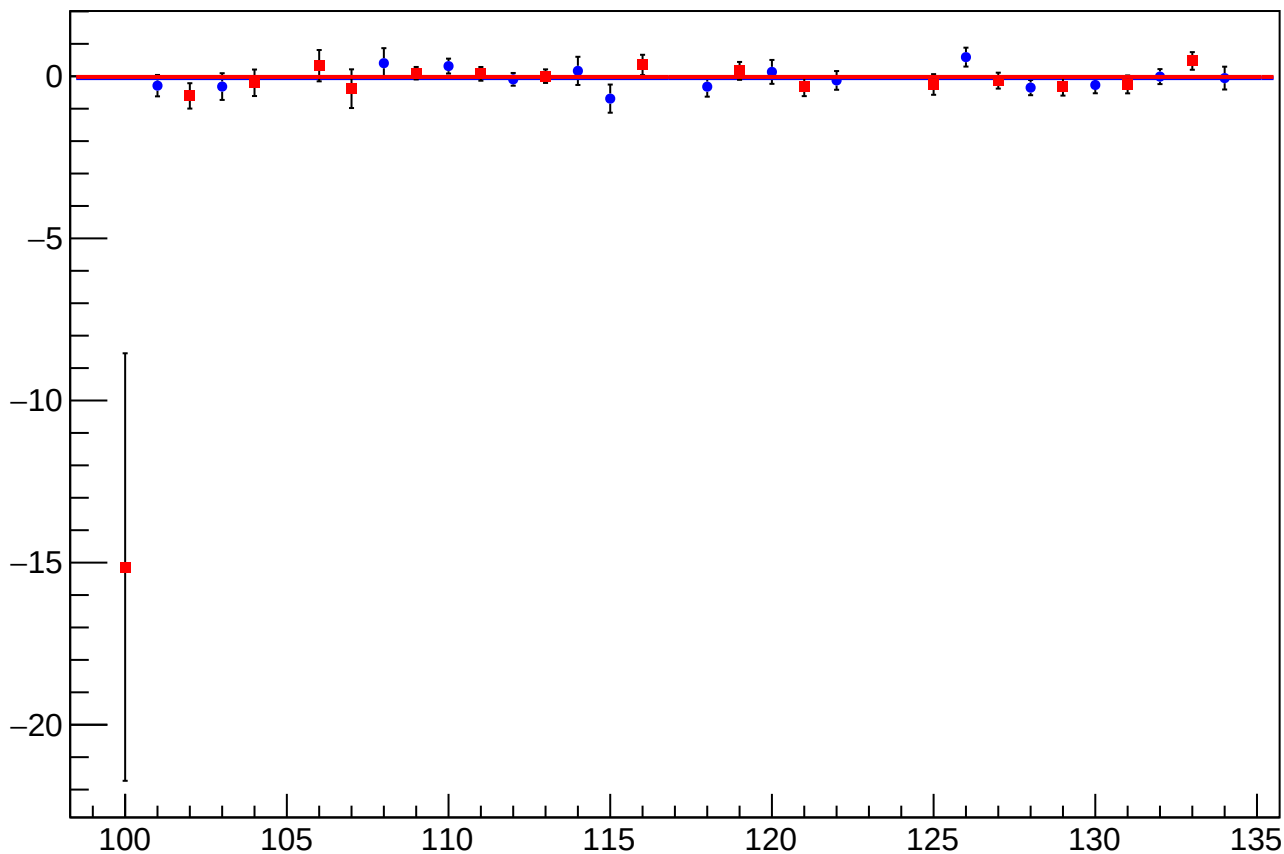
Right: 0.020 $\pm$ 0.004 χ^2 /NDF: 22279.8/30

In: 0.028 $\pm$ 0.005 χ^2 /NDF:14.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.004 χ^2 /NDF: 22279.8/30

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.057+/-0.075 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.072 χ^2/NDF : 17.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

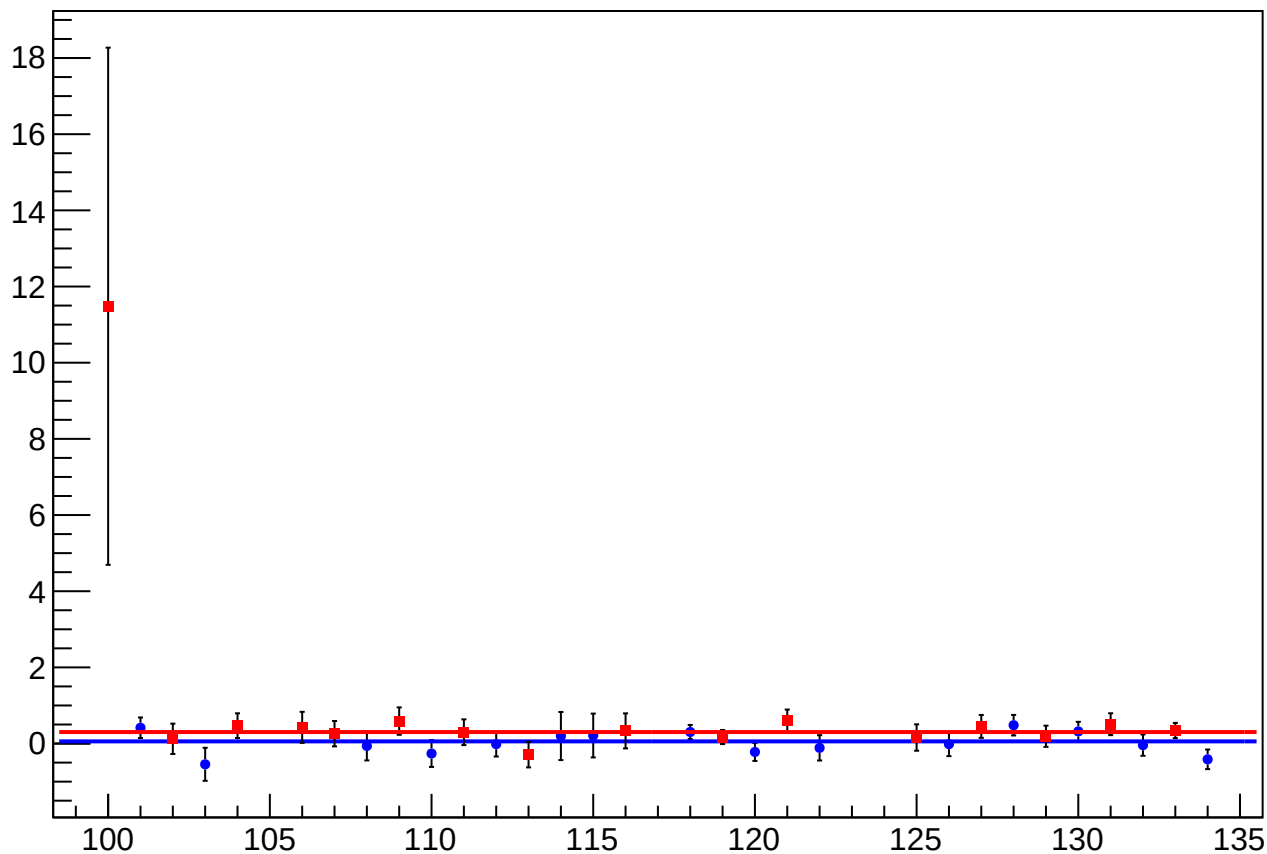
Right: -0.038+/-0.052 χ^2/NDF : 33.0/30

In: -0.057+/-0.075 χ^2/NDF : 15.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.052 χ^2/NDF : 33.0/30

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.057+/-0.076 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.302+/-0.076 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

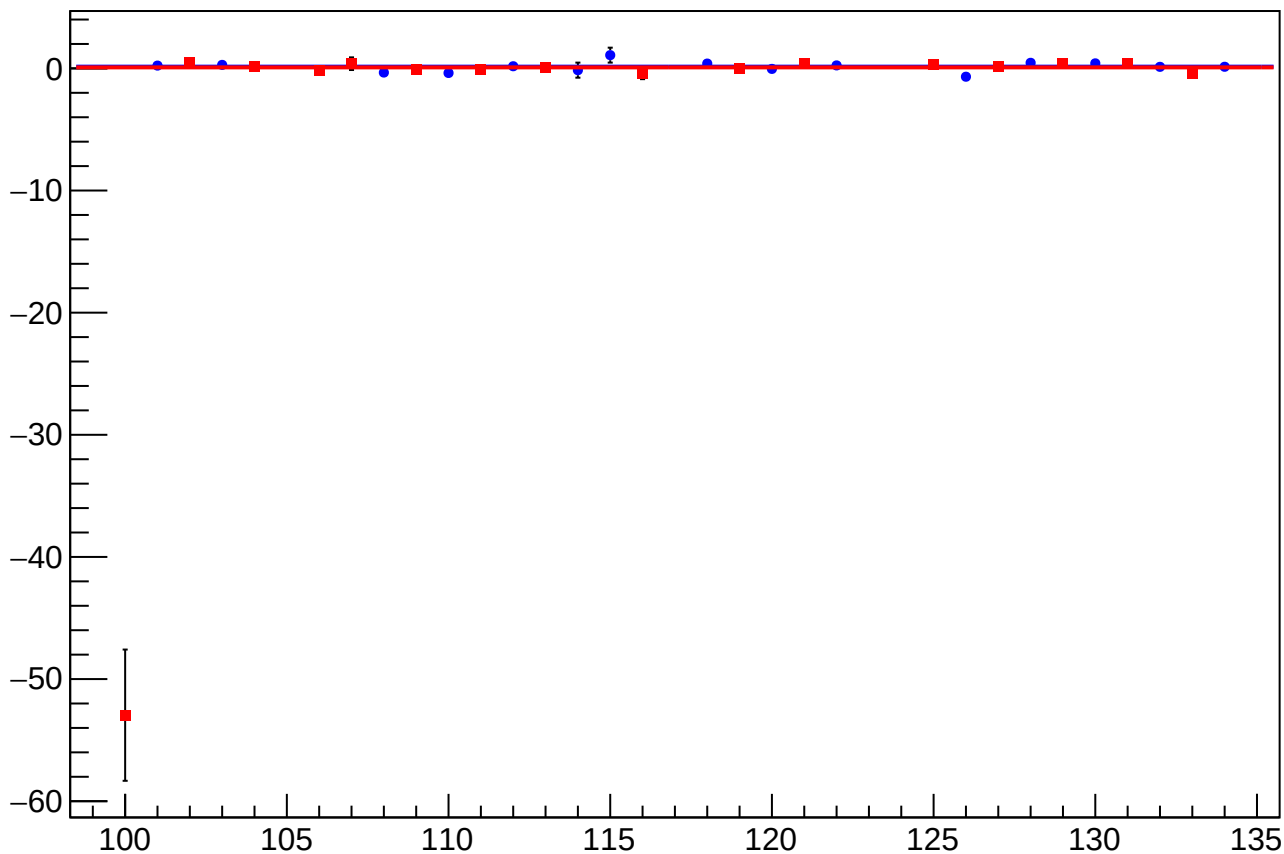
Right: 0.179+/-0.054 χ^2/NDF : 30.1/30

In: 0.057+/-0.076 χ^2/NDF : 15.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.179+/-0.054 χ^2/NDF : 30.1/30

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.142 $\pm$ 0.085 χ^2 /NDF: 15.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.082 $\pm$ 0.085 χ^2 /NDF: 108.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

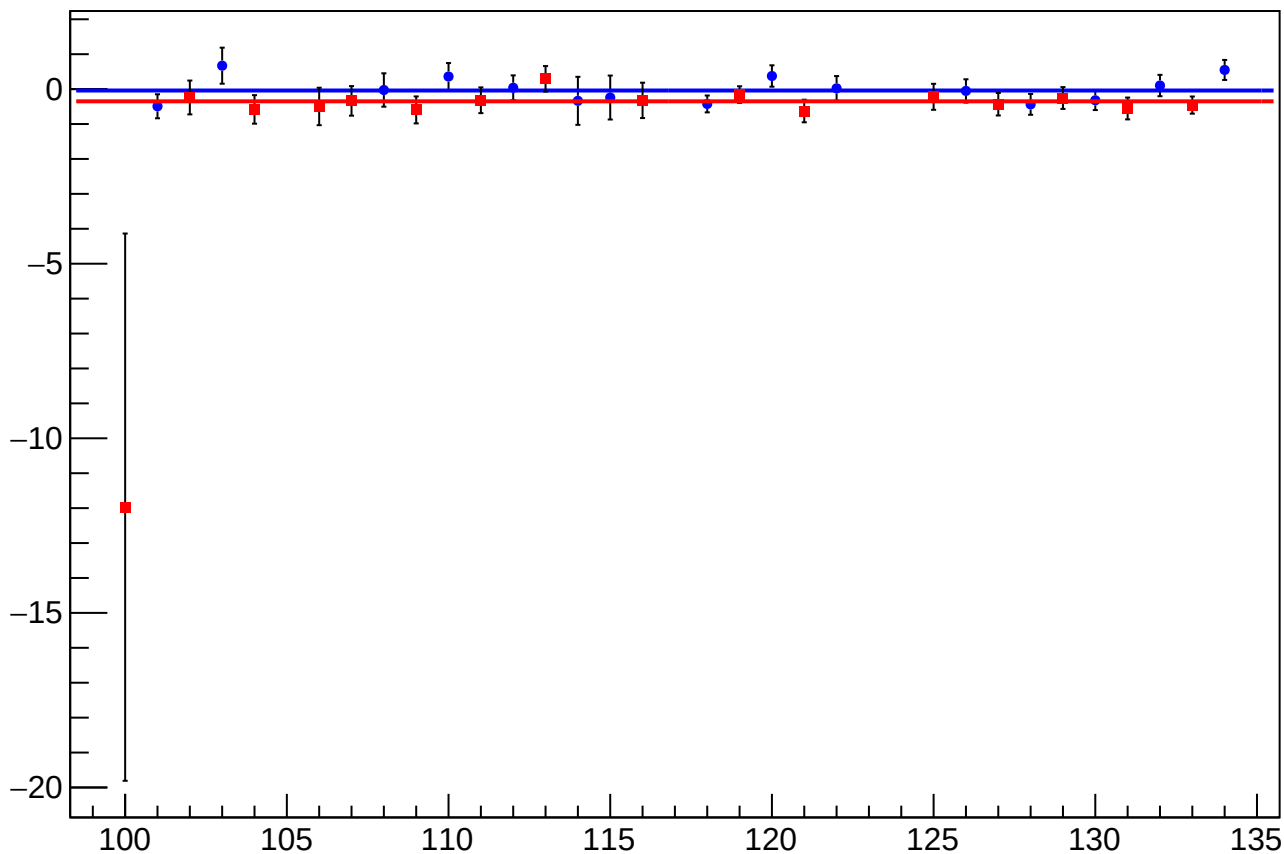
Right: 0.112 $\pm$ 0.060 χ^2 /NDF: 124.6/30

In: 0.142 $\pm$ 0.085 χ^2 /NDF:15.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.112 $\pm$ 0.060 χ^2 /NDF: 124.6/30

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.040 ± 0.089 $\chi^2/\text{NDF}: 16.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.350 ± 0.089 $\chi^2/\text{NDF}: 8.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

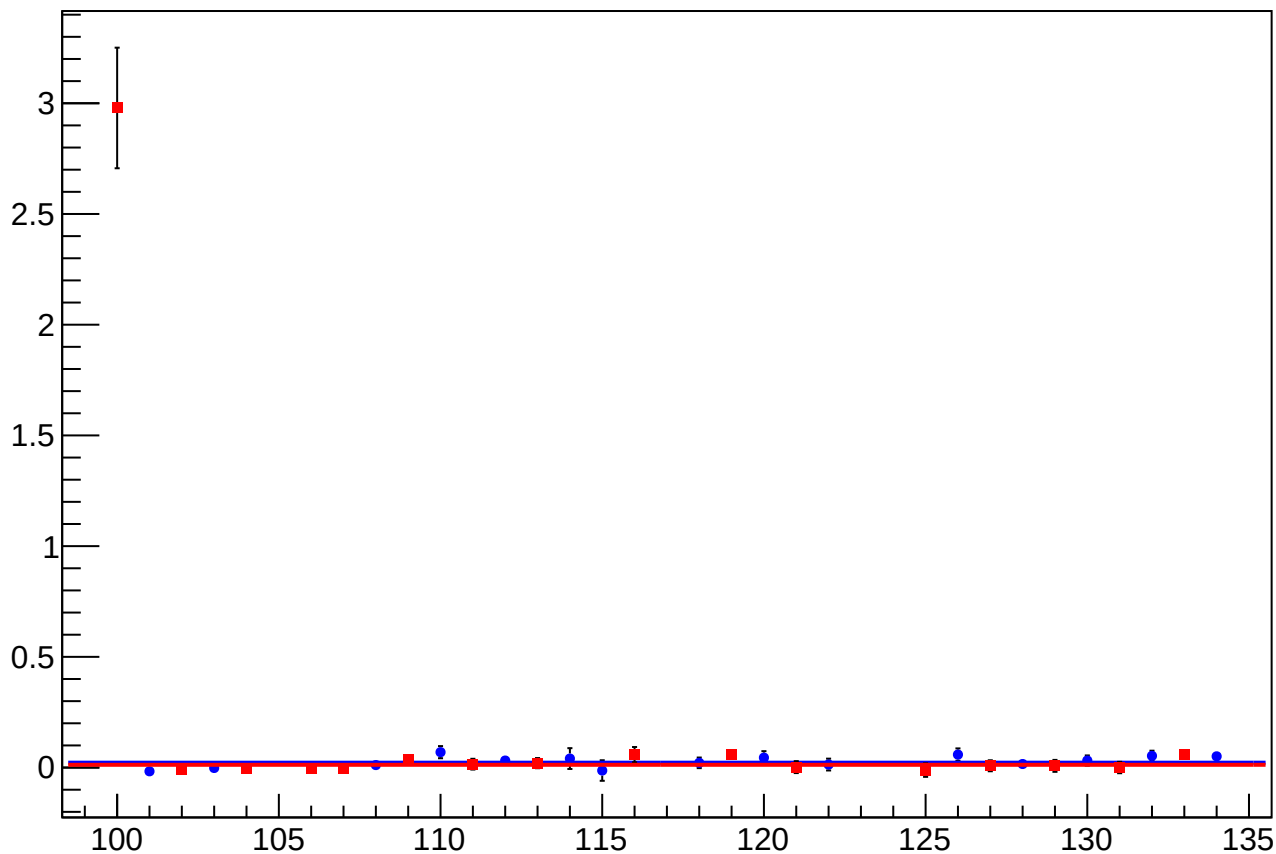
Right: -0.194 ± 0.063 $\chi^2/\text{NDF}: 31.2/30$

In: -0.040 ± 0.089 $\chi^2/\text{NDF}: 16.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.194 ± 0.063 $\chi^2/\text{NDF}: 31.2/30$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.022+/-0.005 χ^2/NDF : 22.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.005 χ^2/NDF : 136.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

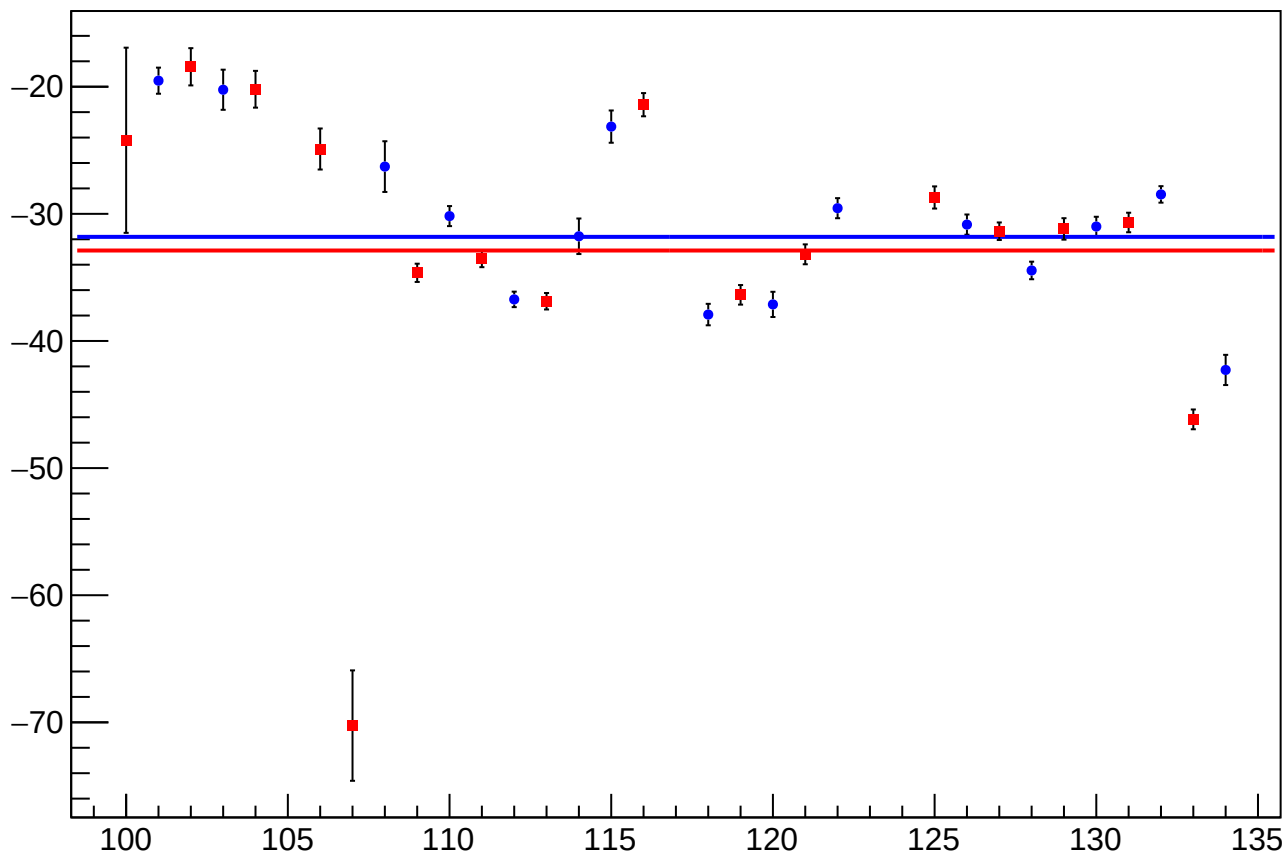
Right: 0.017+/-0.004 χ^2/NDF : 160.7/30

In: 0.022+/-0.005 χ^2/NDF : 22.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.004 χ^2/NDF : 160.7/30

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.811 $\pm$ 0.226 χ^2 /NDF: 531.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.885 $\pm$ 0.220 χ^2 /NDF: 828.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

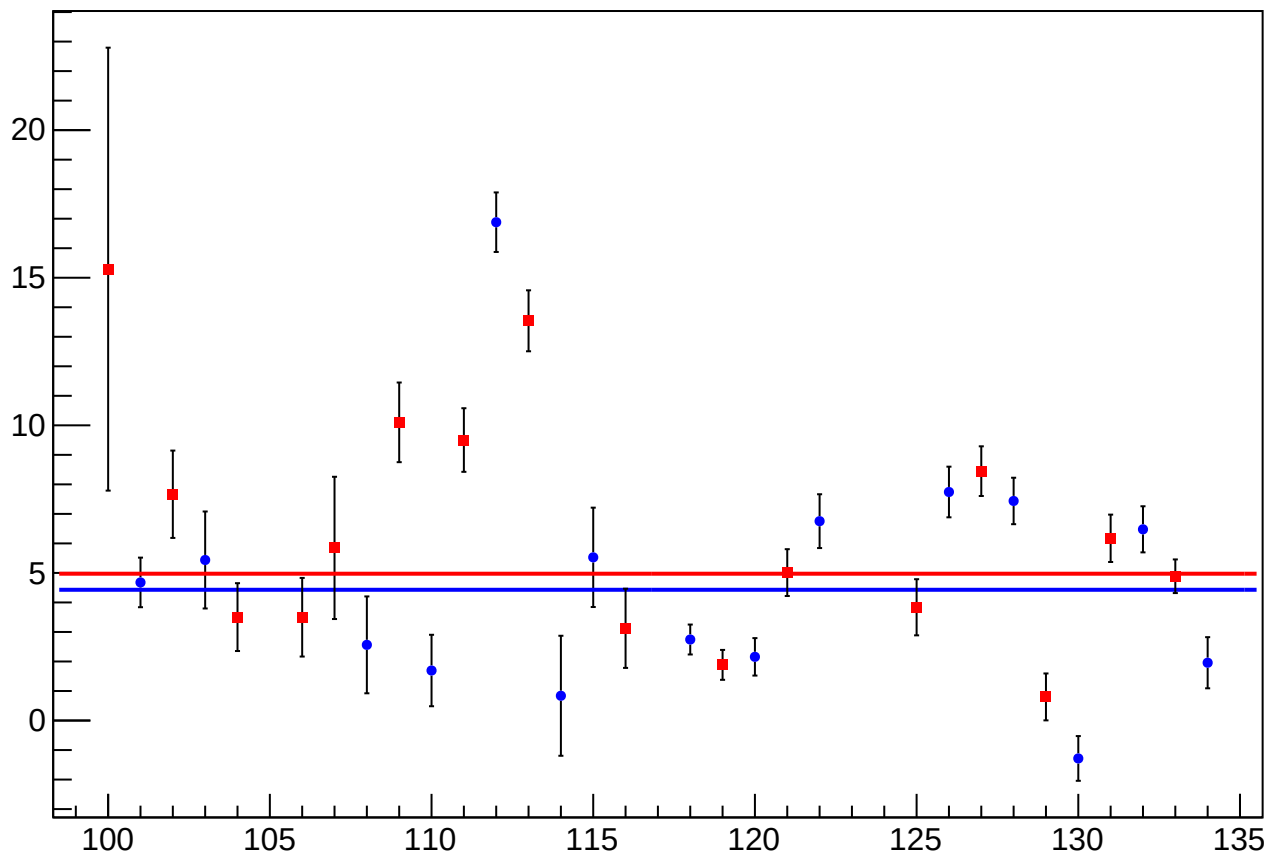
Right: -32.362 $\pm$ 0.158 χ^2 /NDF: 1371.9/30

In: -31.811 $\pm$ 0.226 χ^2 /NDF:531.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.362 $\pm$ 0.158 χ^2 /NDF: 1371.9/30

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.429 $\pm$ 0.225 χ^2 /NDF: 294.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.973 $\pm$ 0.229 χ^2 /NDF: 196.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

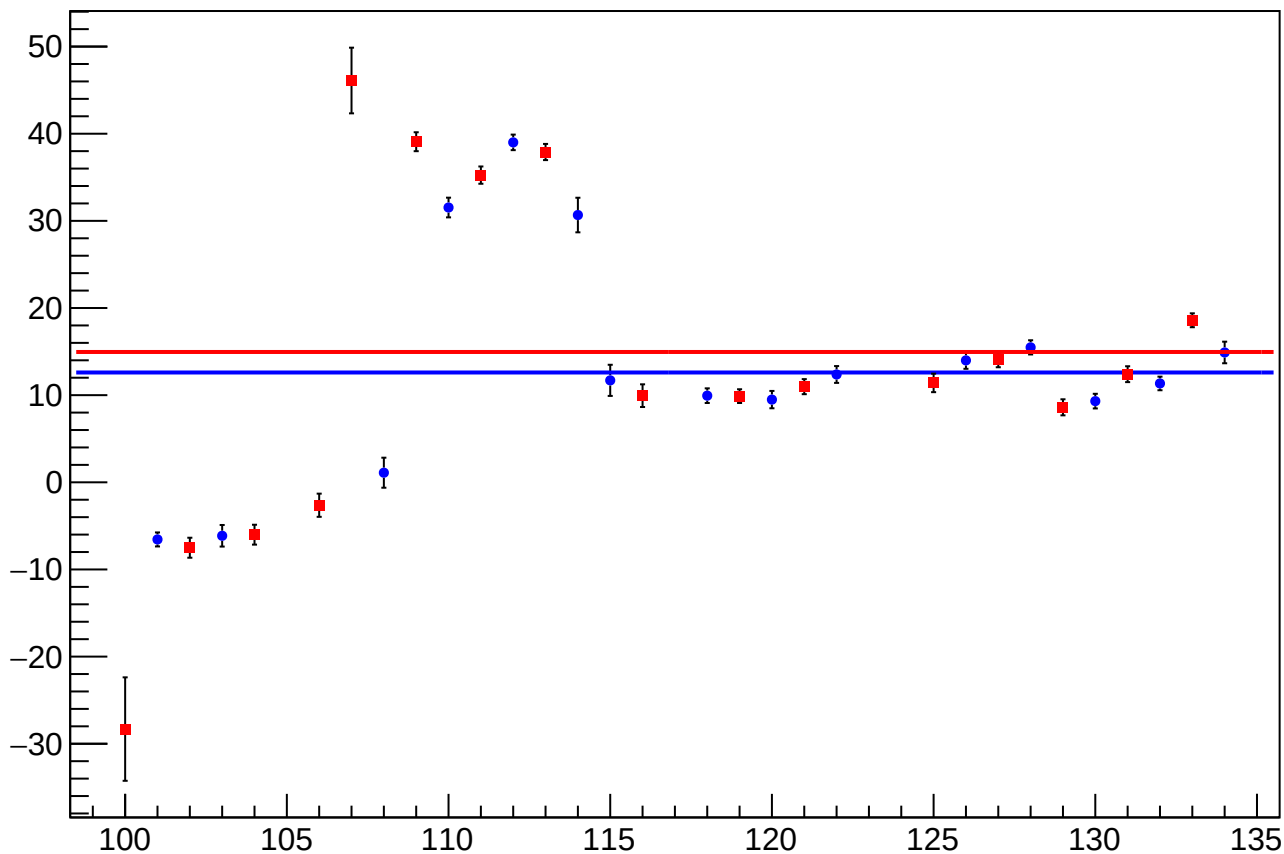
Right: 4.697 $\pm$ 0.161 χ^2 /NDF: 494.1/30

In: 4.429 $\pm$ 0.225 χ^2 /NDF:294.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.697 $\pm$ 0.161 χ^2 /NDF: 494.1/30

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.601+/-0.259 χ^2 /NDF: 2138.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.955+/-0.258 χ^2 /NDF: 2708.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

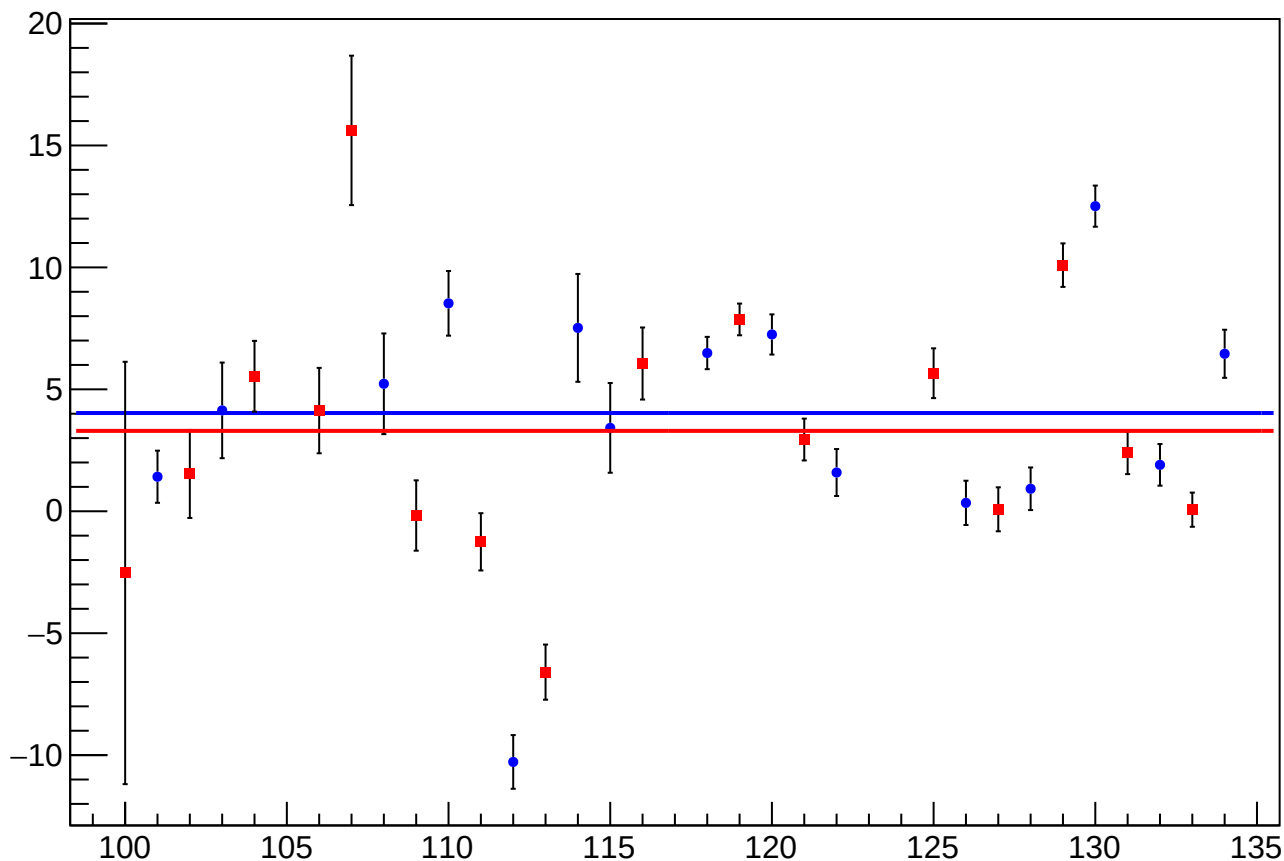
Right: 13.781+/-0.183 χ^2 /NDF: 4888.0/30

In: 12.601+/-0.259 χ^2 /NDF:2138.1/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.781+/-0.183 χ^2 /NDF: 4888.0/30

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.029 $\pm$ 0.263 χ^2 /NDF: 367.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.296 $\pm$ 0.265 χ^2 /NDF: 269.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

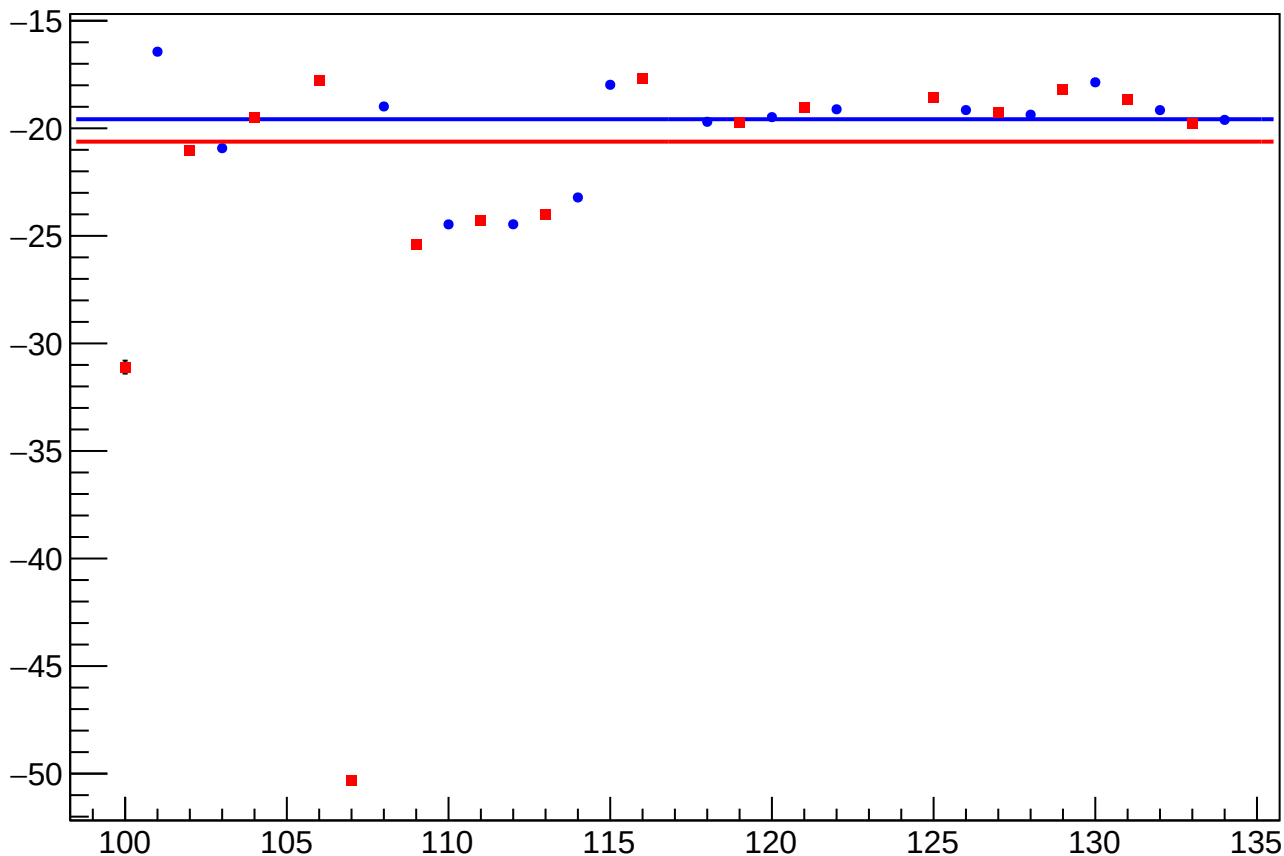
Right: 3.665 $\pm$ 0.187 χ^2 /NDF: 640.1/30

In: 4.029 $\pm$ 0.263 χ^2 /NDF:367.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.665 $\pm$ 0.187 χ^2 /NDF: 640.1/30

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.578+/-0.018 χ^2/NDF : 14117.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.620+/-0.018 χ^2/NDF : 54082.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

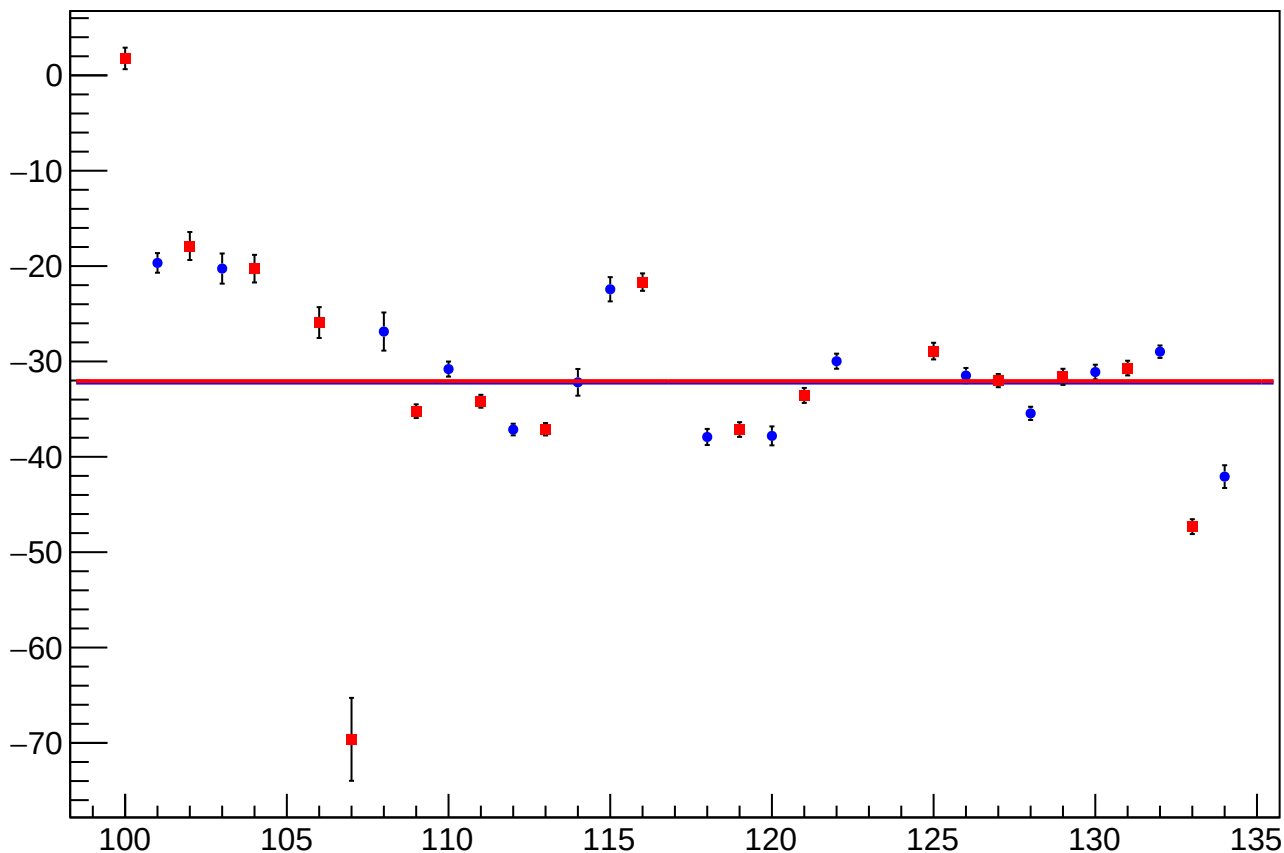
Right: -20.091+/-0.013 χ^2/NDF : 69921.4/30

In: -19.578+/-0.018 χ^2/NDF : 14117.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.091+/-0.013 χ^2/NDF : 69921.4/30

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.213+/-0.227 χ^2/NDF : 543.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -32.064+/-0.217 χ^2/NDF : 1812.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

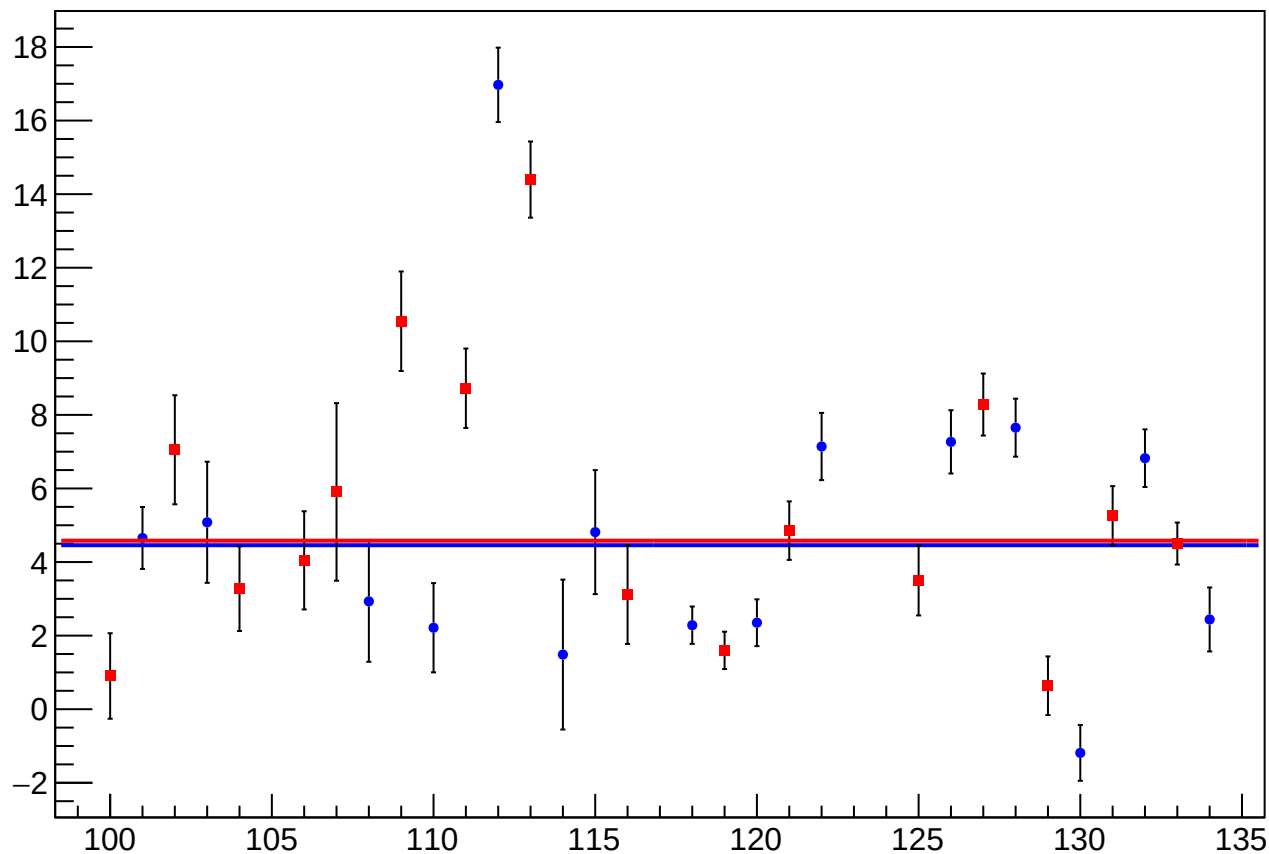
Right: -32.135+/-0.157 χ^2/NDF : 2356.1/30

In: -32.213+/-0.227 χ^2/NDF :543.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.135+/-0.157 χ^2/NDF : 2356.1/30

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.457+/-0.226 χ^2/NDF : 294.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.581+/-0.225 χ^2/NDF : 220.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

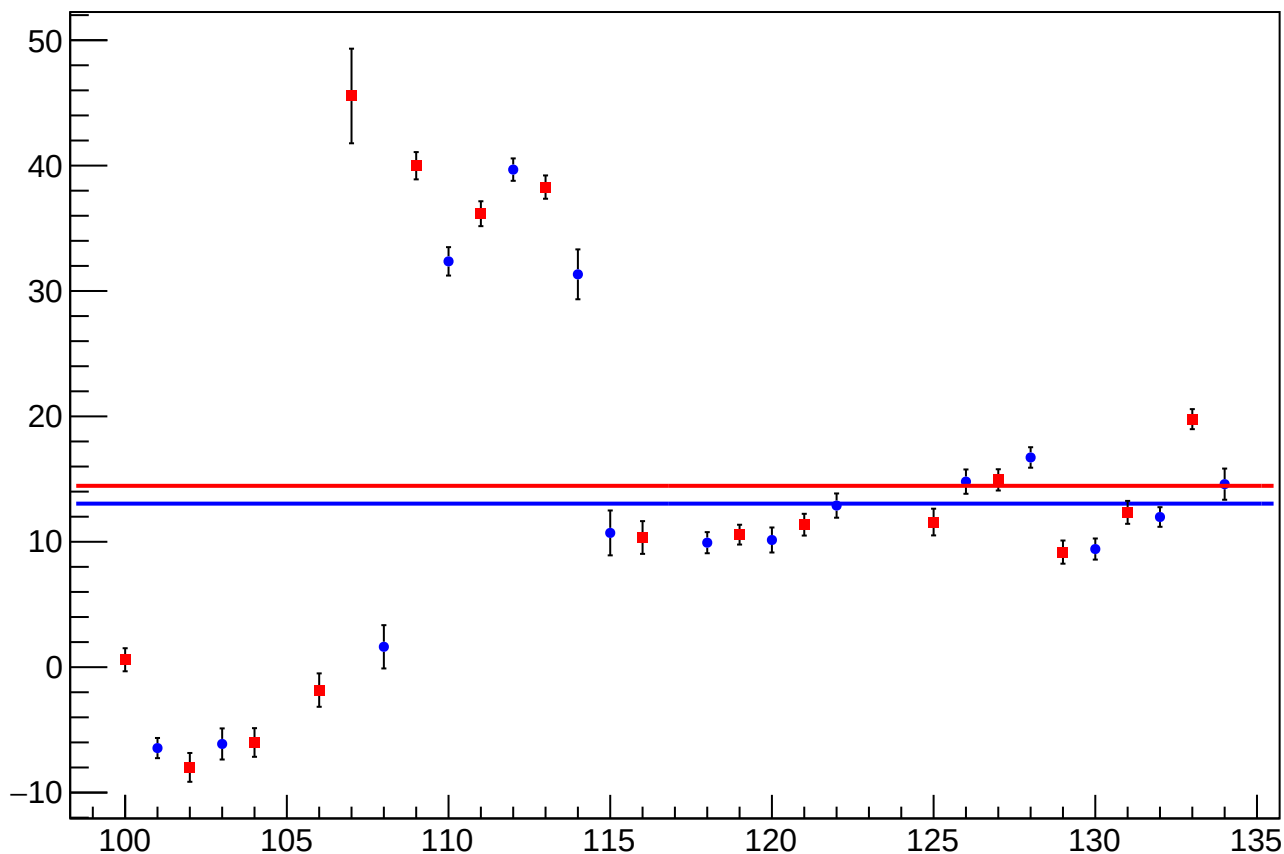
Right: 4.519+/-0.159 χ^2/NDF : 515.2/30

In: 4.457+/-0.226 χ^2/NDF :294.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.519+/-0.159 χ^2/NDF : 515.2/30

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.043+/-0.259 χ^2/NDF : 2202.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.462+/-0.249 χ^2/NDF : 2969.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

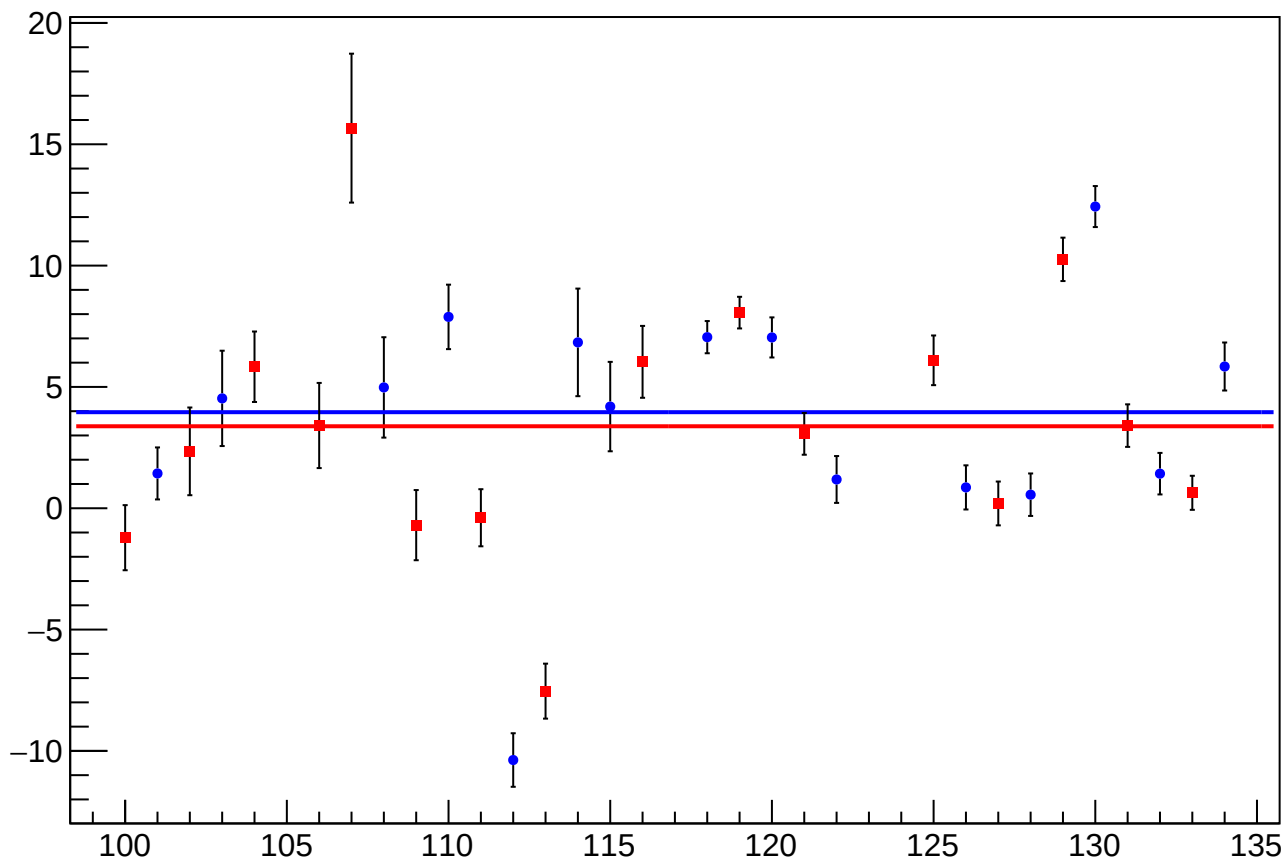
Right: 13.780+/-0.180 χ^2/NDF : 5188.0/30

In: 13.043+/-0.259 χ^2/NDF : 2202.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.780+/-0.180 χ^2/NDF : 5188.0/30

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.959 $\pm$ 0.264 χ^2 /NDF: 368.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.379 $\pm$ 0.261 χ^2 /NDF: 290.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

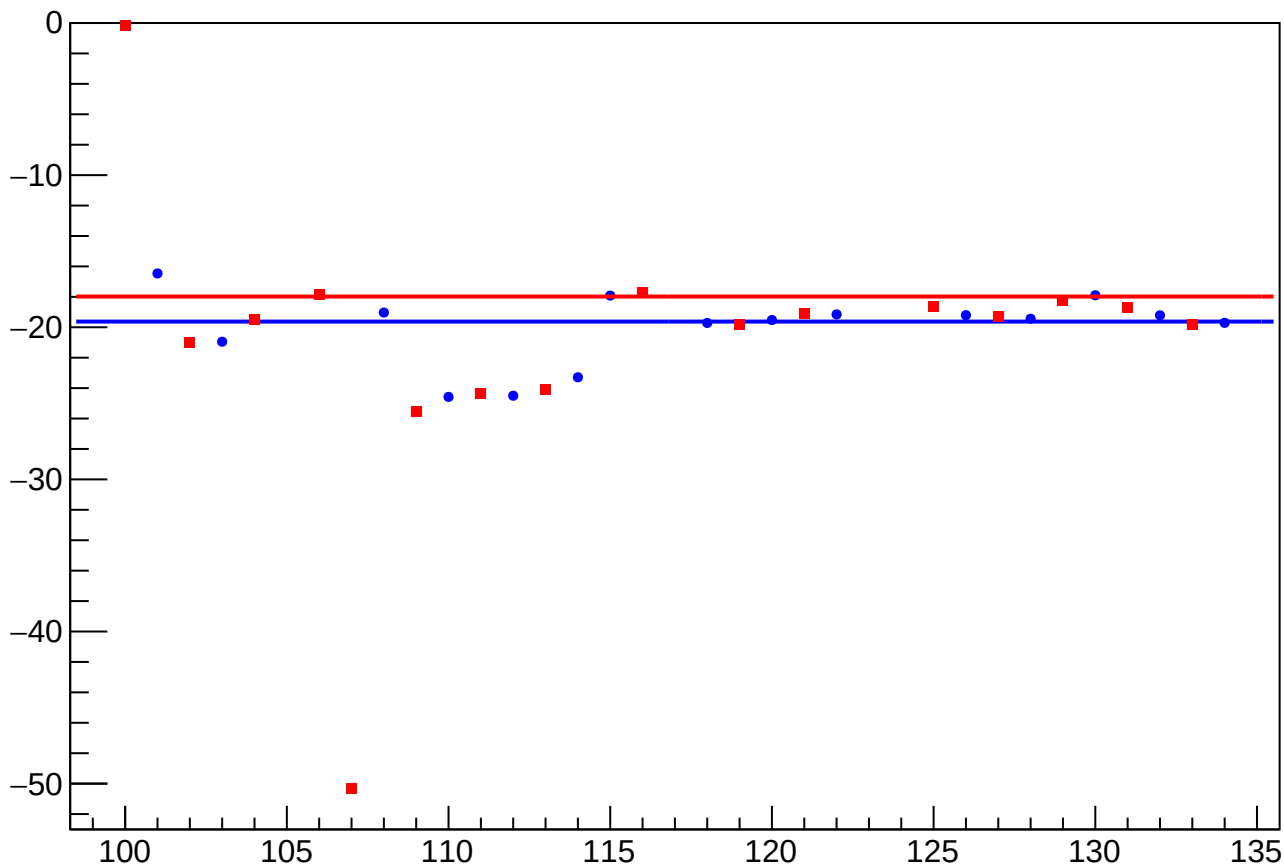
Right: 3.666 $\pm$ 0.186 χ^2 /NDF: 661.8/30

In: 3.959 $\pm$ 0.264 χ^2 /NDF:368.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.666 $\pm$ 0.186 χ^2 /NDF: 661.8/30

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.626±/0.018 χ^2/NDF : 14189.3/14

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -17.980±/0.017 χ^2/NDF : 220706.2/15

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

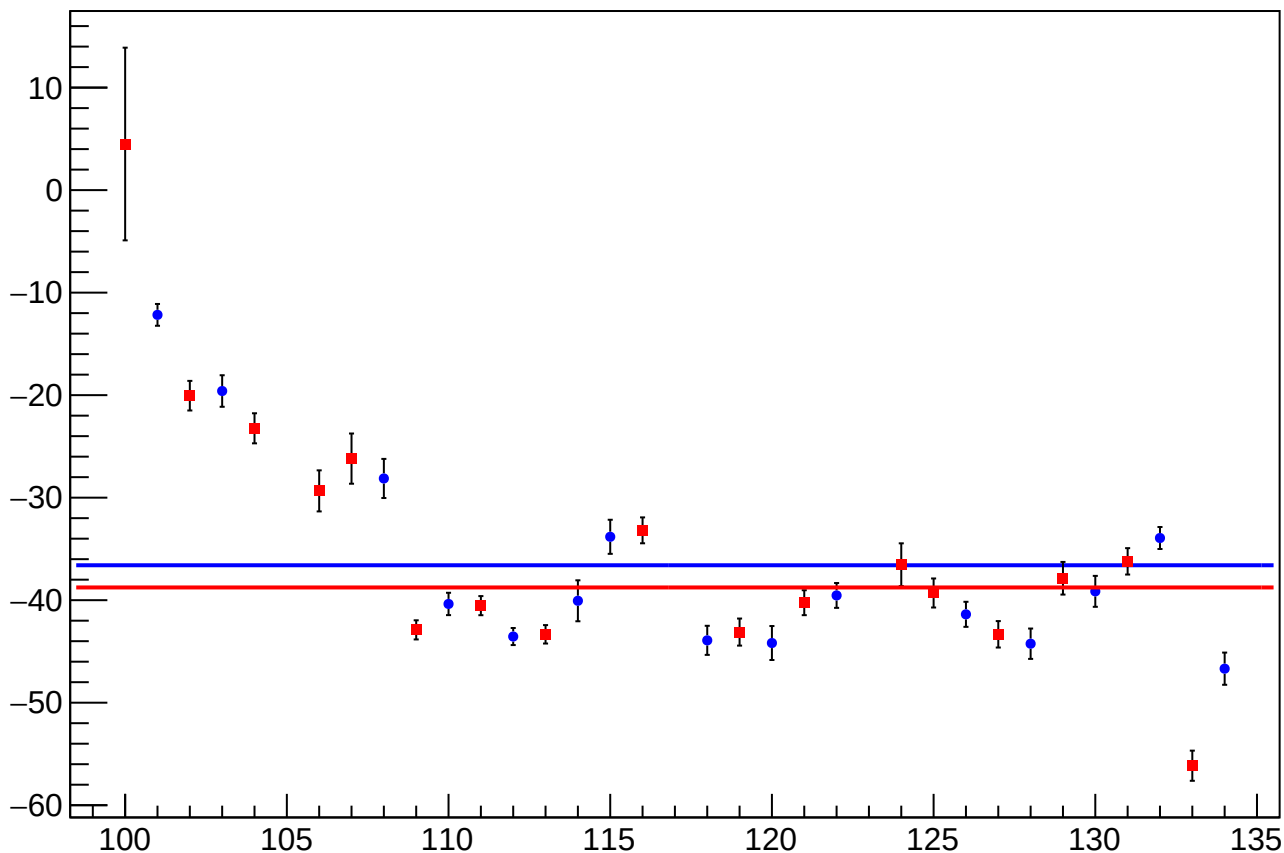
Right: -18.760±/0.012 χ^2/NDF : 239466.7/30

In: -19.626±/0.018 χ^2/NDF : 14189.3/14

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -18.760±/0.012 χ^2/NDF : 239466.7/30

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.593+/-0.336 χ^2/NDF : 902.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.759+/-0.323 χ^2/NDF : 588.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

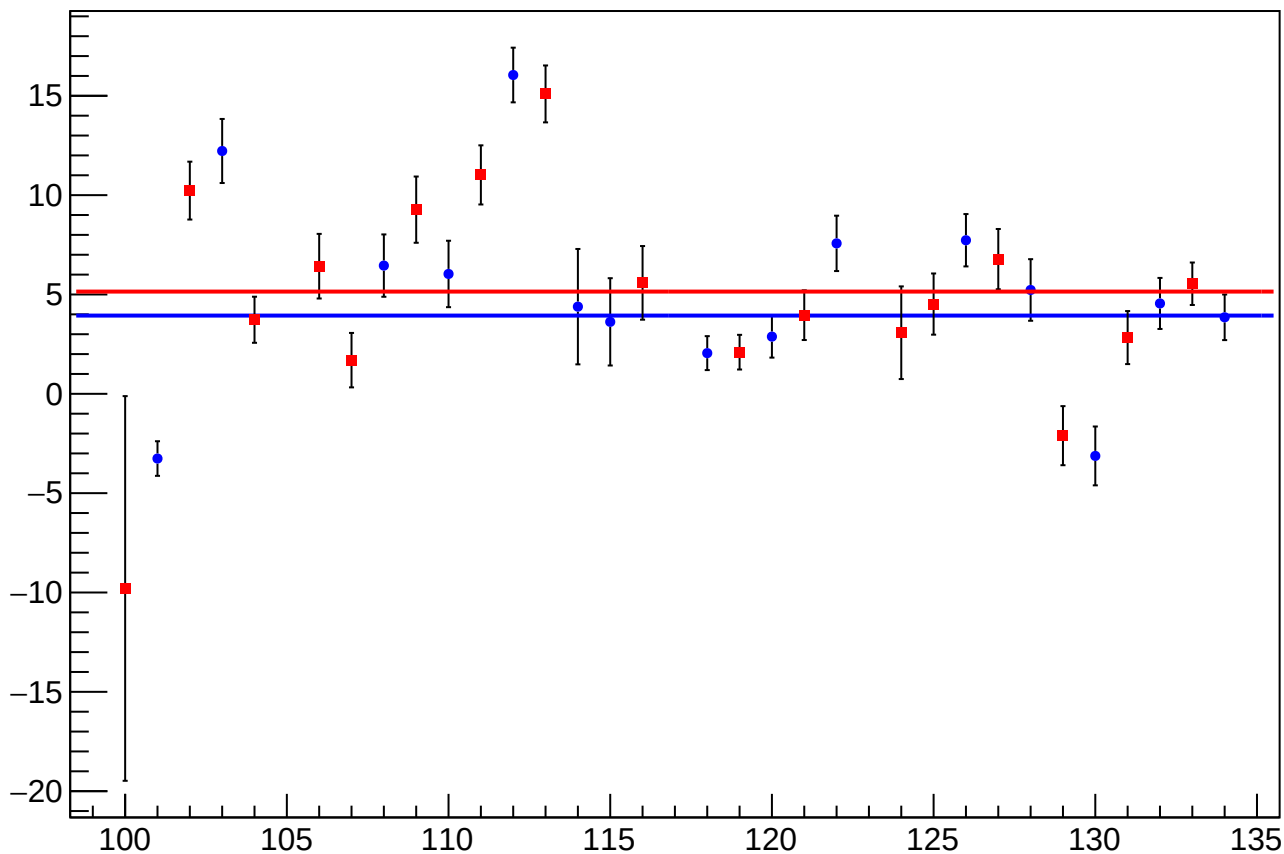
Right: -37.718+/-0.233 χ^2/NDF : 1512.2/31

In: -36.593+/-0.336 χ^2/NDF : 902.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.718+/-0.233 χ^2/NDF : 1512.2/31

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.938+/-0.335 χ^2/NDF : 220.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.146+/-0.341 χ^2/NDF : 135.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

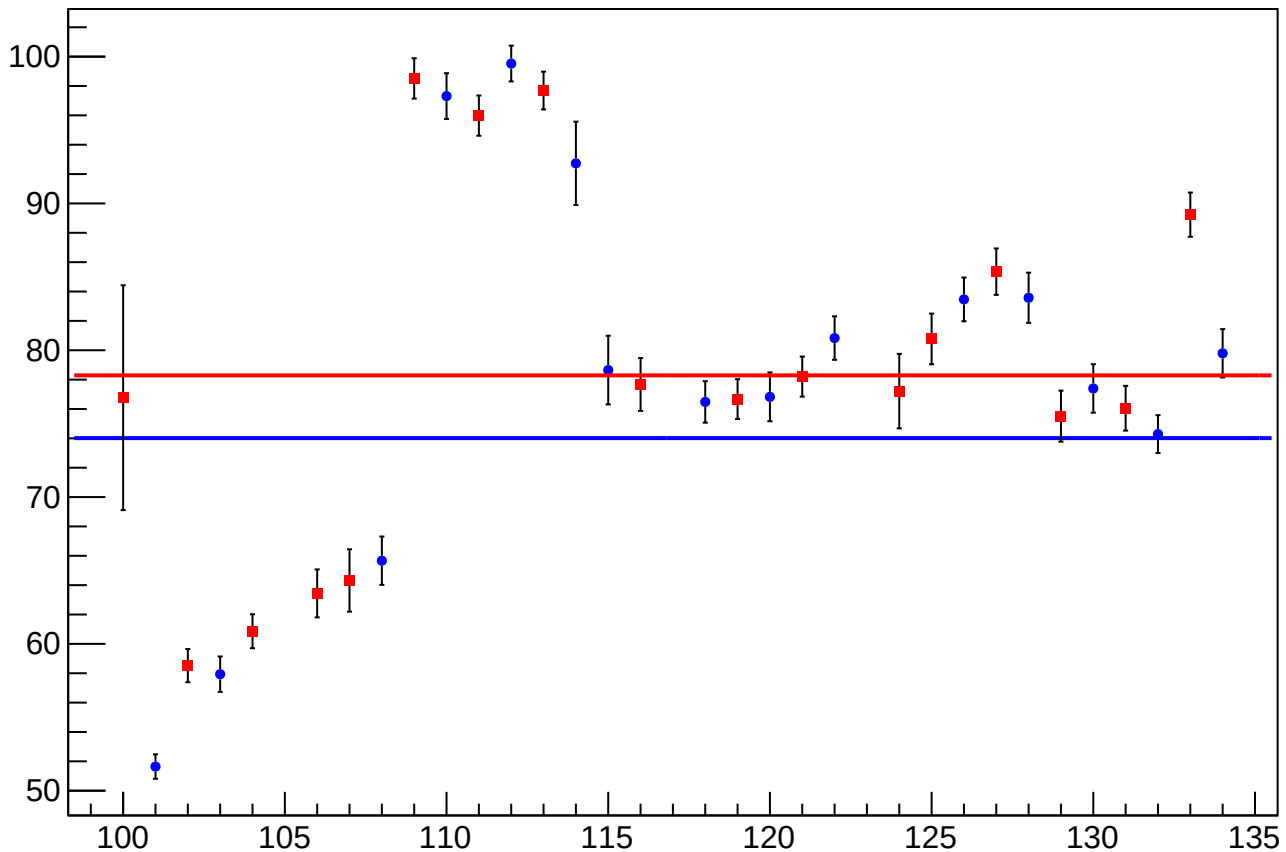
Right: 4.532+/-0.239 χ^2/NDF : 362.5/31

In: 3.938+/-0.335 χ^2/NDF : 220.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.532+/-0.239 χ^2/NDF : 362.5/31

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.015+/-0.369 χ^2/NDF : 1748.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.288+/-0.370 χ^2/NDF : 1349.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

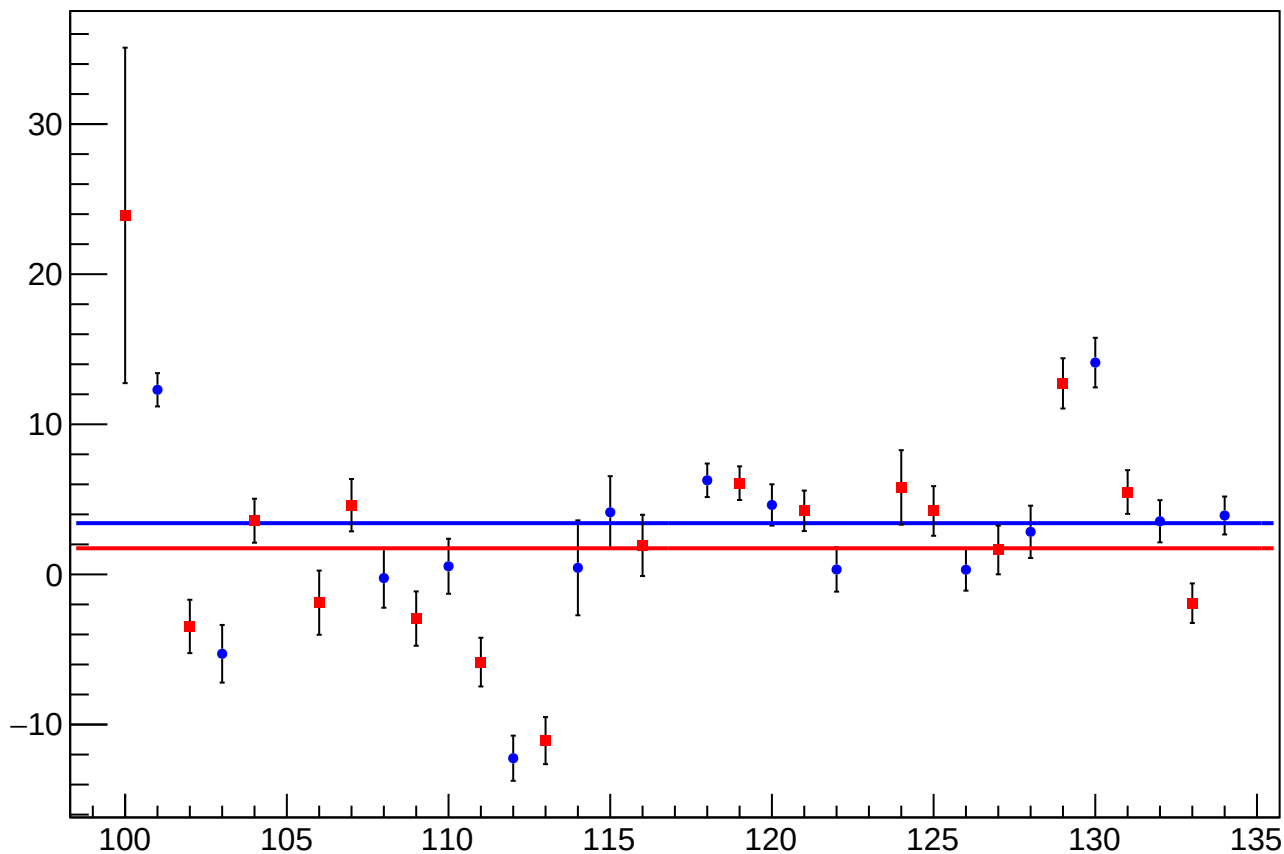
Right: 76.145+/-0.261 χ^2/NDF : 3165.5/31

In: 74.015+/-0.369 χ^2/NDF : 1748.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.145+/-0.261 χ^2/NDF : 3165.5/31

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.414 ± 0.393 χ^2/NDF : 258.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.742 ± 0.398 χ^2/NDF : 195.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

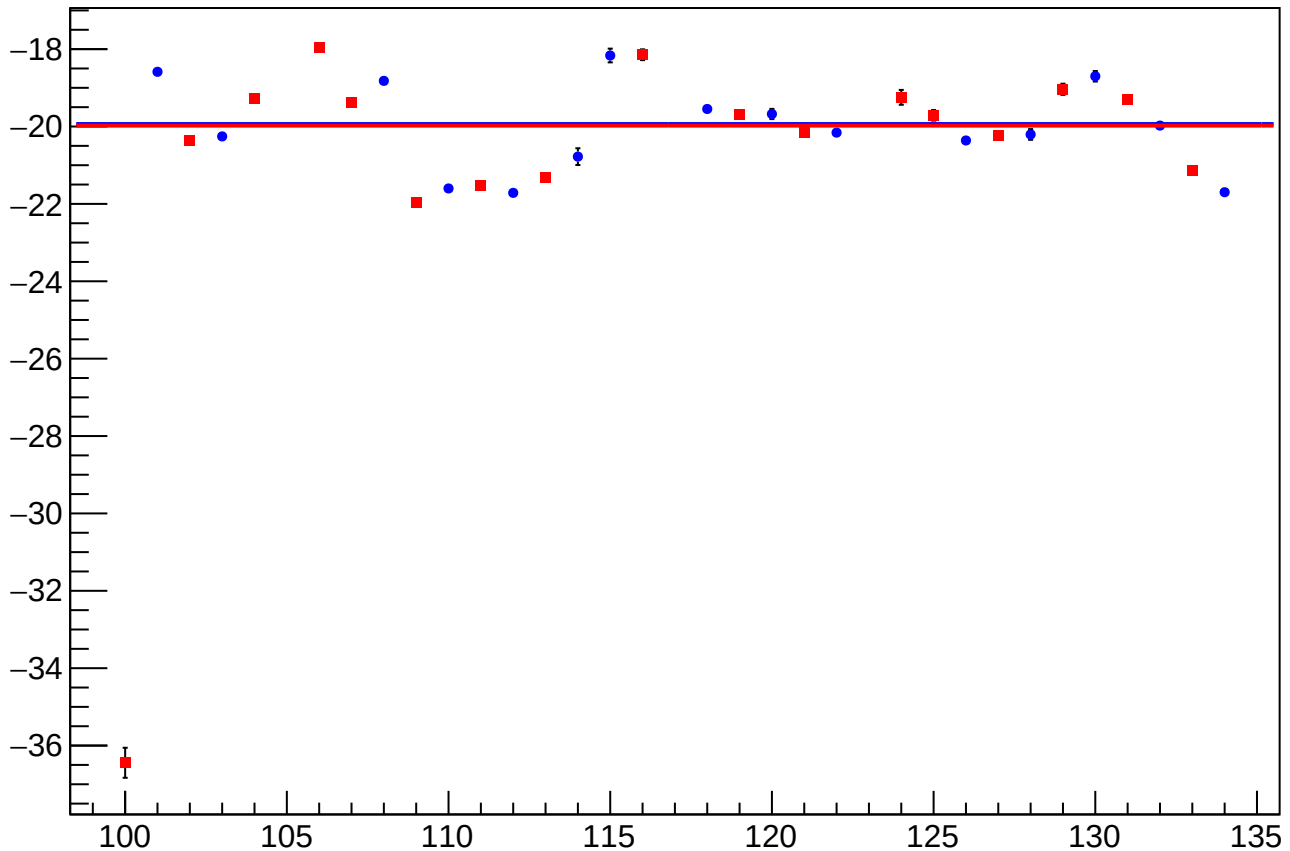
Right: 2.588 ± 0.279 χ^2/NDF : 463.4/31

In: 3.414 ± 0.393 χ^2/NDF : 258.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.588 ± 0.279 χ^2/NDF : 463.4/31

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.937 ± 0.022 $\chi^2/\text{NDF}: 2611.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.977 ± 0.023 $\chi^2/\text{NDF}: 3972.3/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

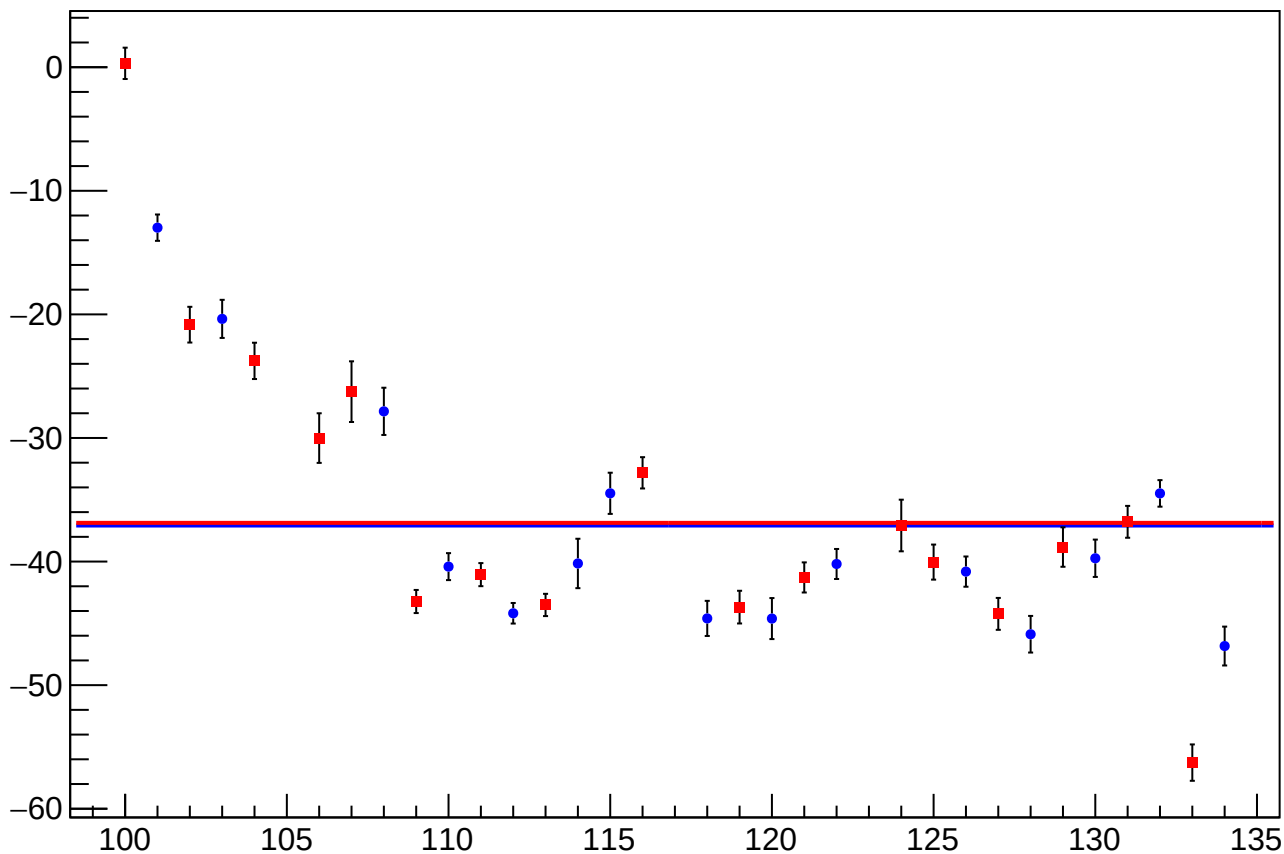
Right: -19.956 ± 0.016 $\chi^2/\text{NDF}: 6585.4/31$

In: -19.937 ± 0.022 $\chi^2/\text{NDF}: 2611.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.956 ± 0.016 $\chi^2/\text{NDF}: 6585.4/31$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.084 $\pm$ 0.336 χ^2 /NDF: 886.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.869 $\pm$ 0.314 χ^2 /NDF: 1477.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

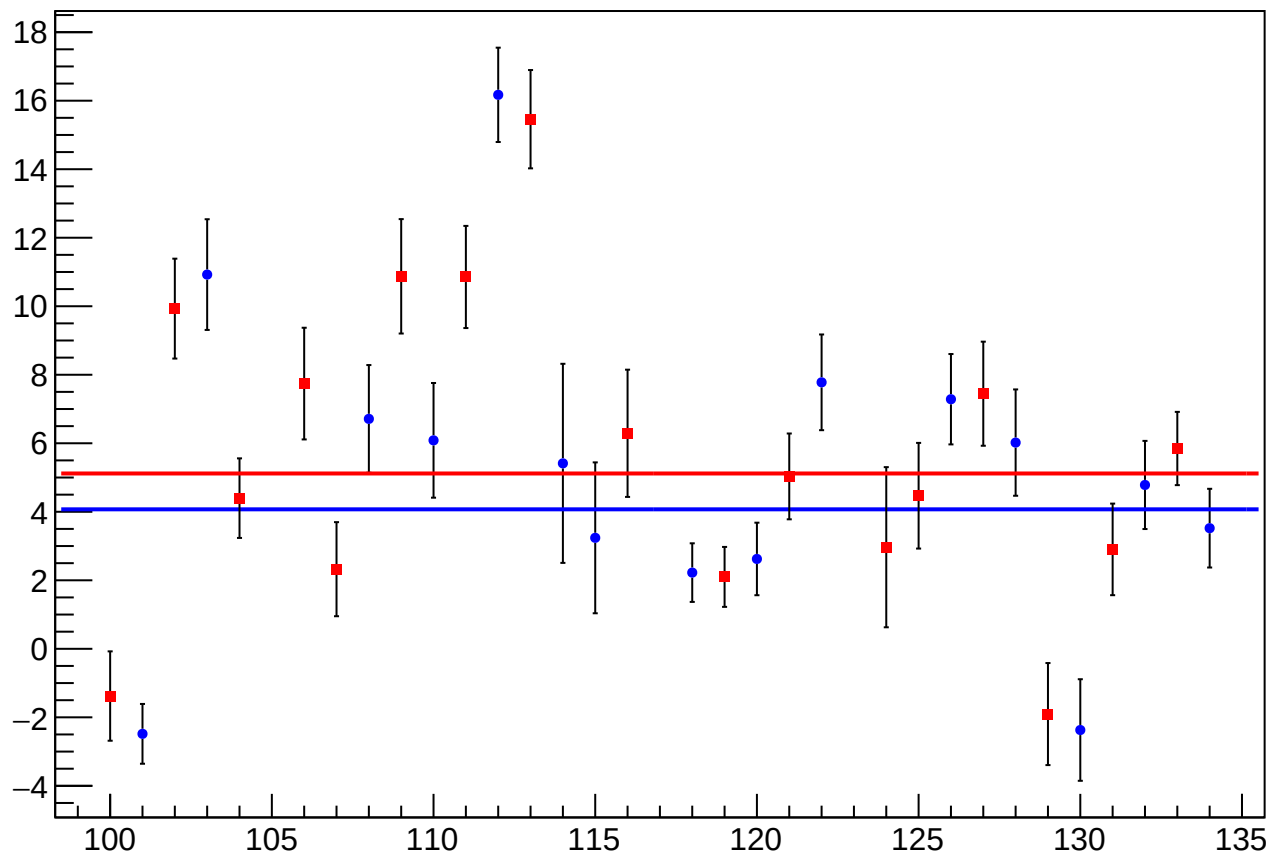
Right: -36.969 $\pm$ 0.229 χ^2 /NDF: 2363.4/31

In: -37.084 $\pm$ 0.336 χ^2 /NDF:886.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.969 $\pm$ 0.229 χ^2 /NDF: 2363.4/31

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.072 $\pm$ 0.335 χ^2 /NDF: 196.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.118 $\pm$ 0.330 χ^2 /NDF: 162.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

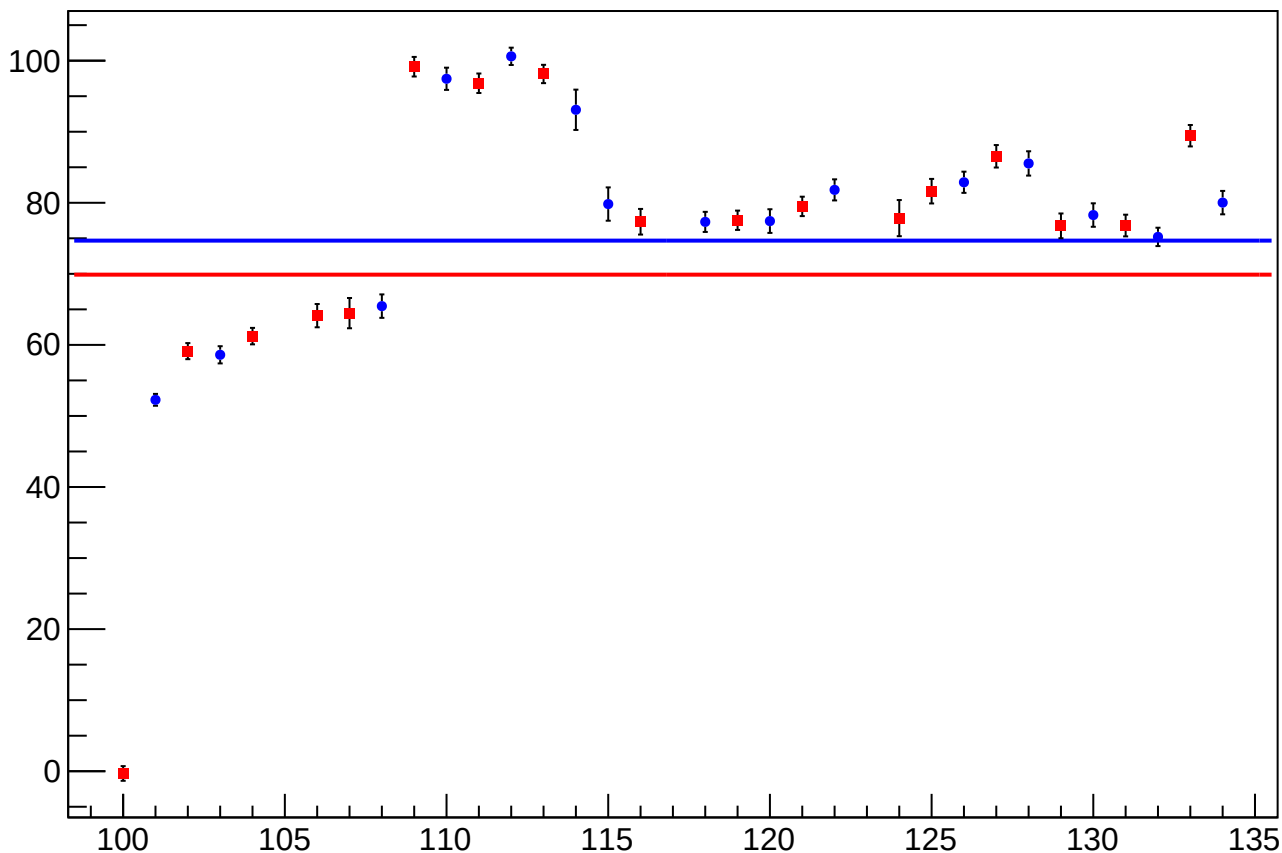
Right: 4.603 $\pm$ 0.235 χ^2 /NDF: 364.2/31

In: 4.072 $\pm$ 0.335 χ^2 /NDF:196.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.603 $\pm$ 0.235 χ^2 /NDF: 364.2/31

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.676+/-0.370 χ^2/NDF : 1756.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.886+/-0.349 χ^2/NDF : 6567.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

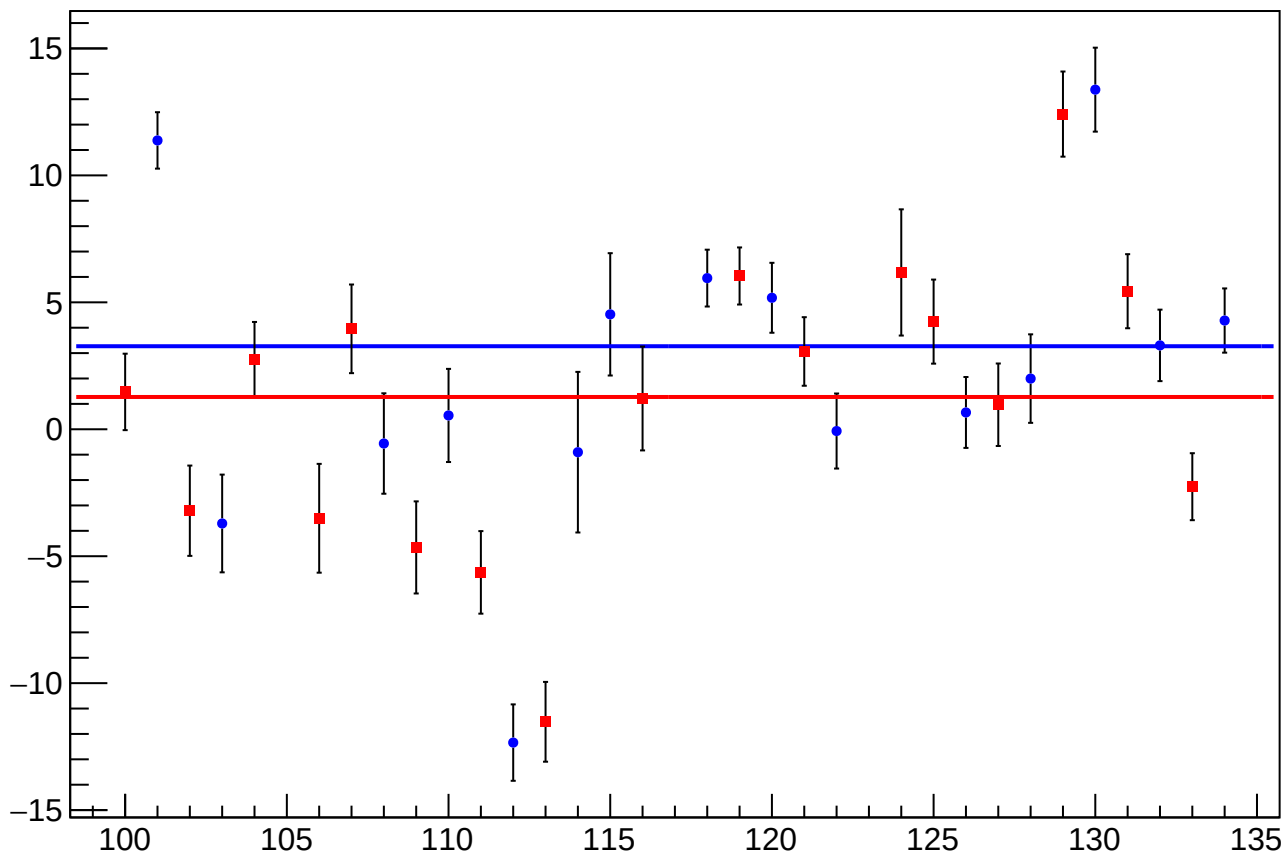
Right: 72.146+/-0.254 χ^2/NDF : 8412.5/31

In: 74.676+/-0.370 χ^2/NDF : 1756.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.146+/-0.254 χ^2/NDF : 8412.5/31

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.271 $\pm$ 0.393 χ^2 /NDF: 236.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.272 $\pm$ 0.385 χ^2 /NDF: 196.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

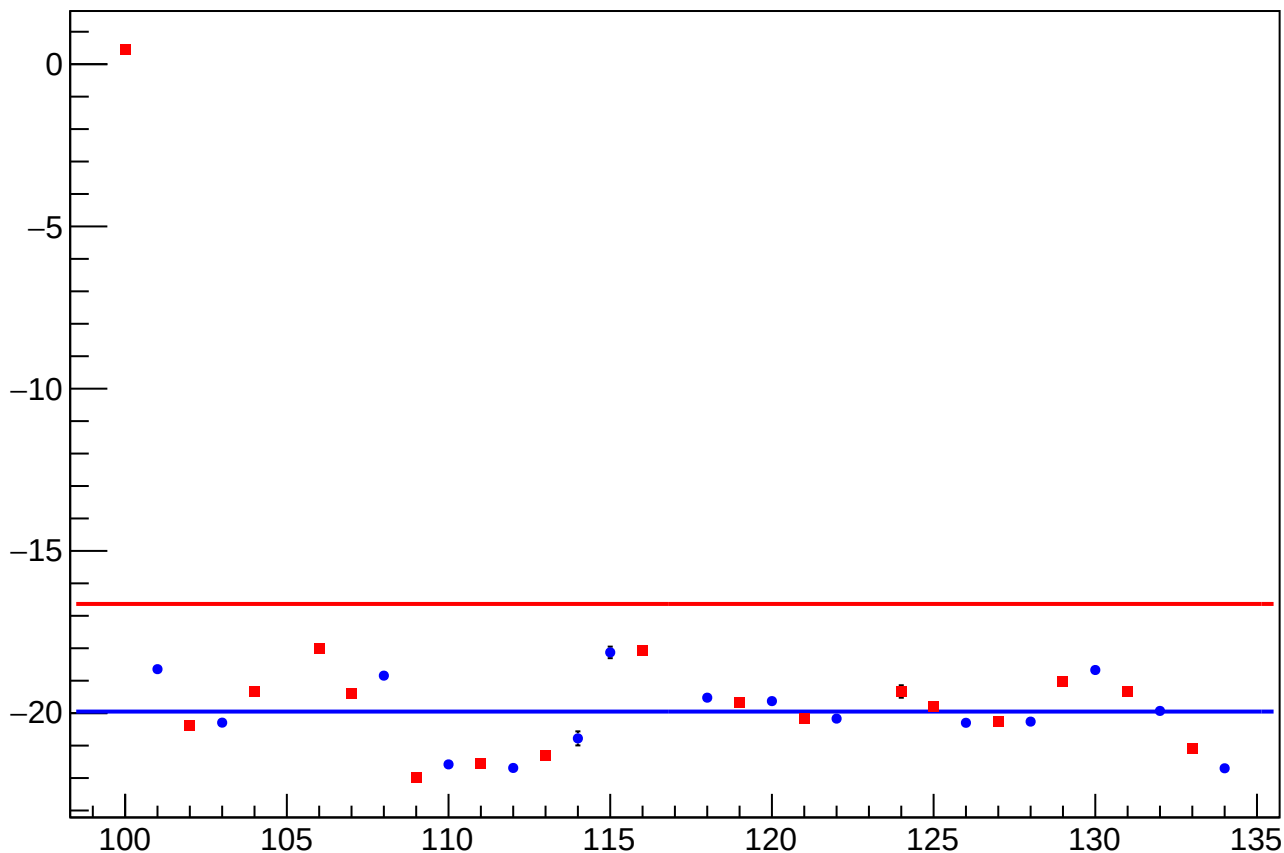
Right: 2.251 $\pm$ 0.275 χ^2 /NDF: 446.0/31

In: 3.271 $\pm$ 0.393 χ^2 /NDF:236.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.251 $\pm$ 0.275 χ^2 /NDF: 446.0/31

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.951 ± 0.022 $\chi^2/\text{NDF}: 2536.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.635 ± 0.021 $\chi^2/\text{NDF}: 129469.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

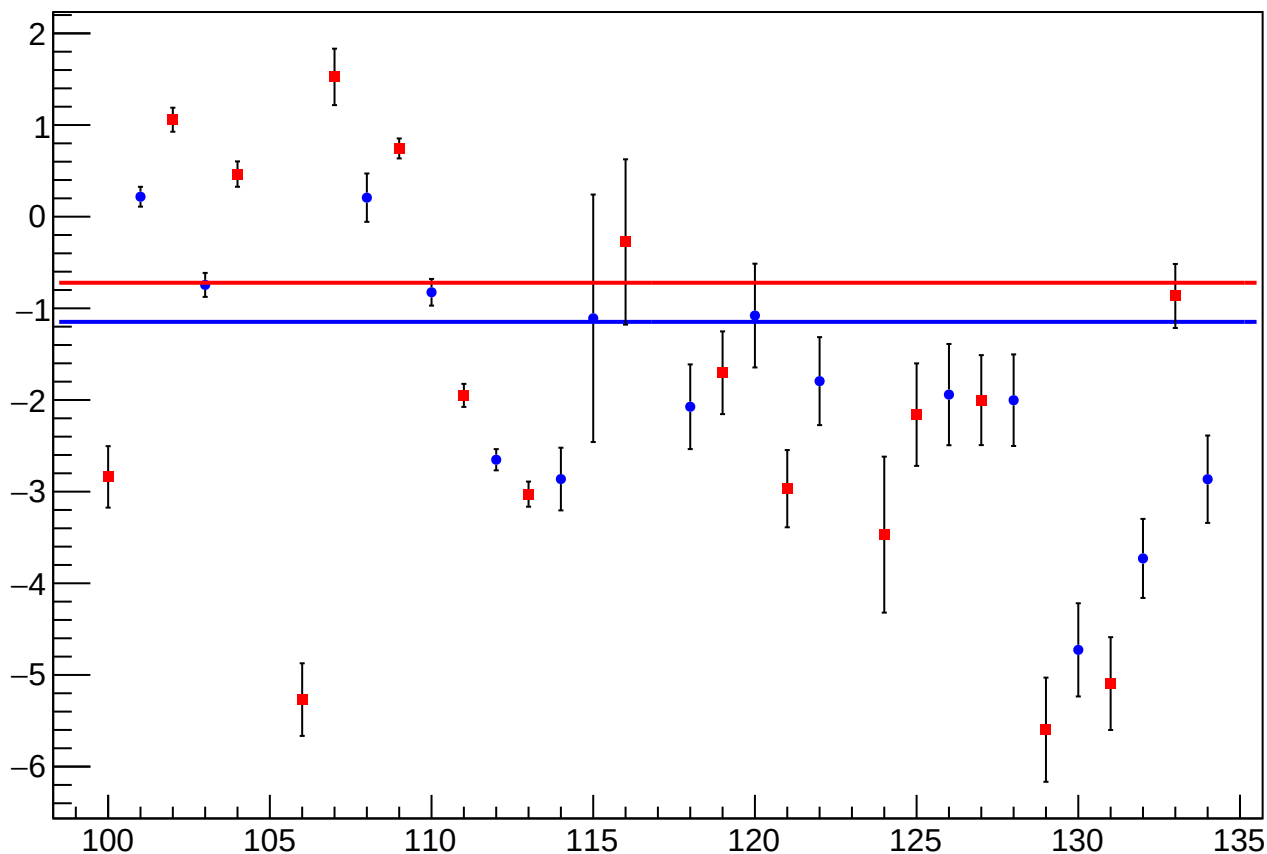
Right: -18.187 ± 0.015 $\chi^2/\text{NDF}: 143600.1/31$

In: -19.951 ± 0.022 $\chi^2/\text{NDF}: 2536.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.187 ± 0.015 $\chi^2/\text{NDF}: 143600.1/31$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.148 ± 0.056 χ^2/NDF : 503.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.721 ± 0.052 χ^2/NDF : 1247.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

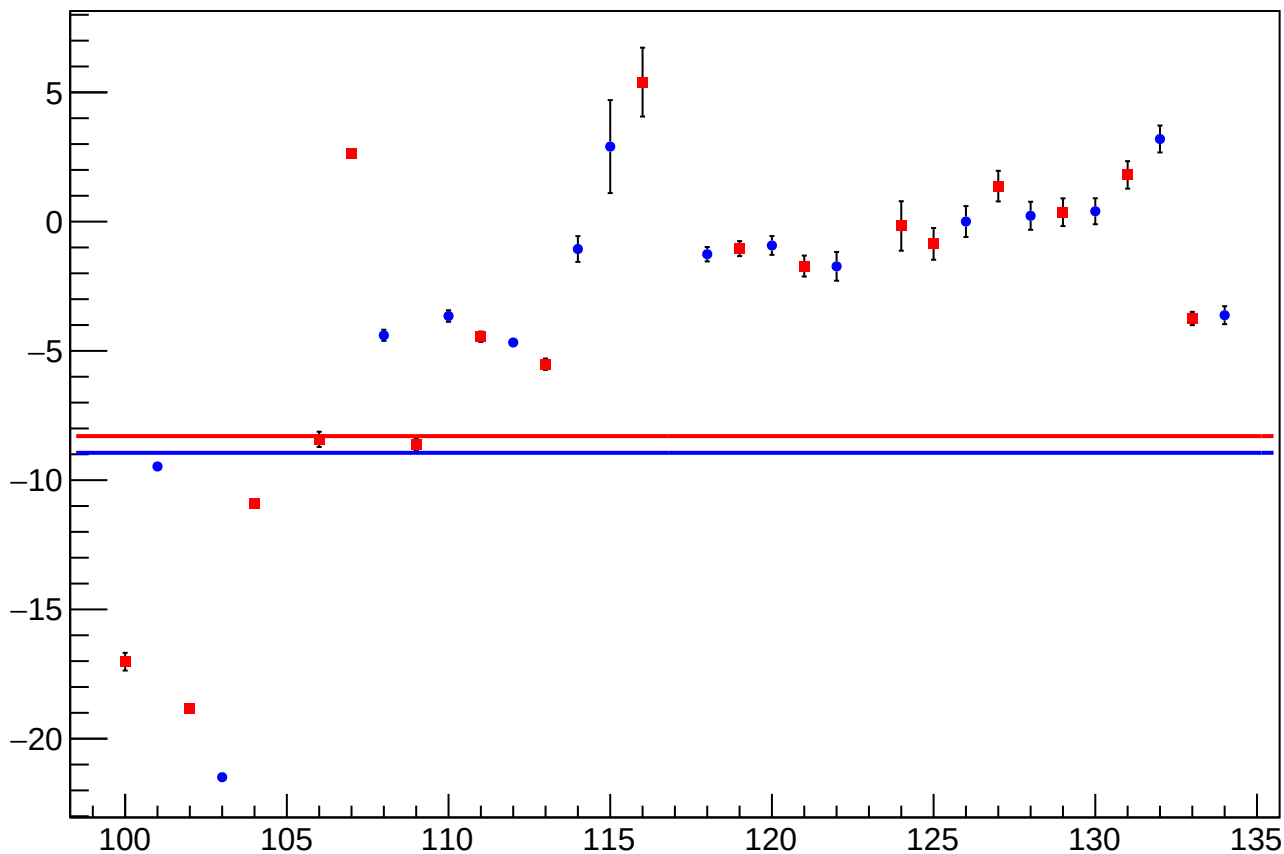
Right: -0.919 ± 0.038 χ^2/NDF : 1782.3/31

In: -1.148 ± 0.056 χ^2/NDF : 503.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.919 ± 0.038 χ^2/NDF : 1782.3/31

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.943+/-0.058 χ^2/NDF : 13049.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.297+/-0.059 χ^2/NDF : 13953.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

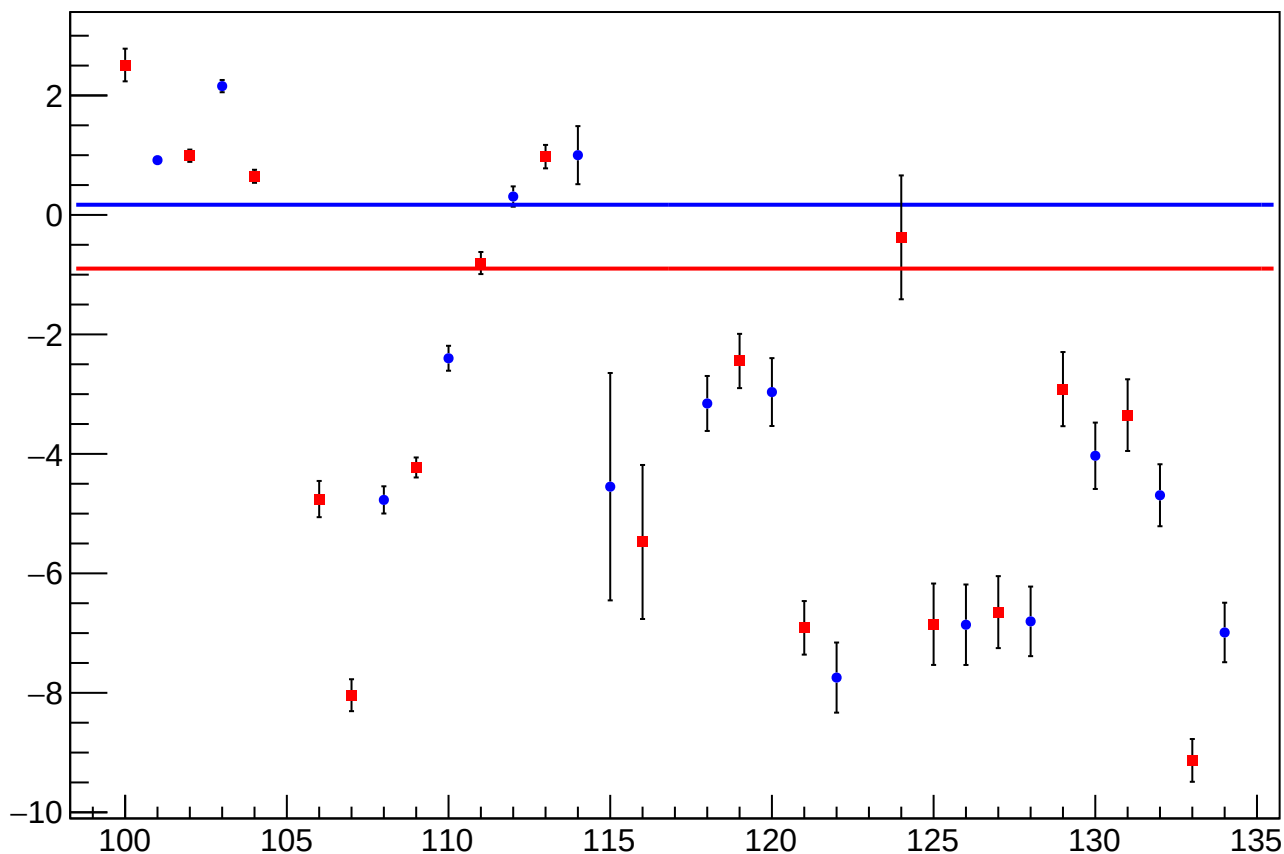
Right: -8.623+/-0.041 χ^2/NDF : 27065.1/31

In: -8.943+/-0.058 χ^2/NDF :13049.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.623+/-0.041 χ^2/NDF : 27065.1/31

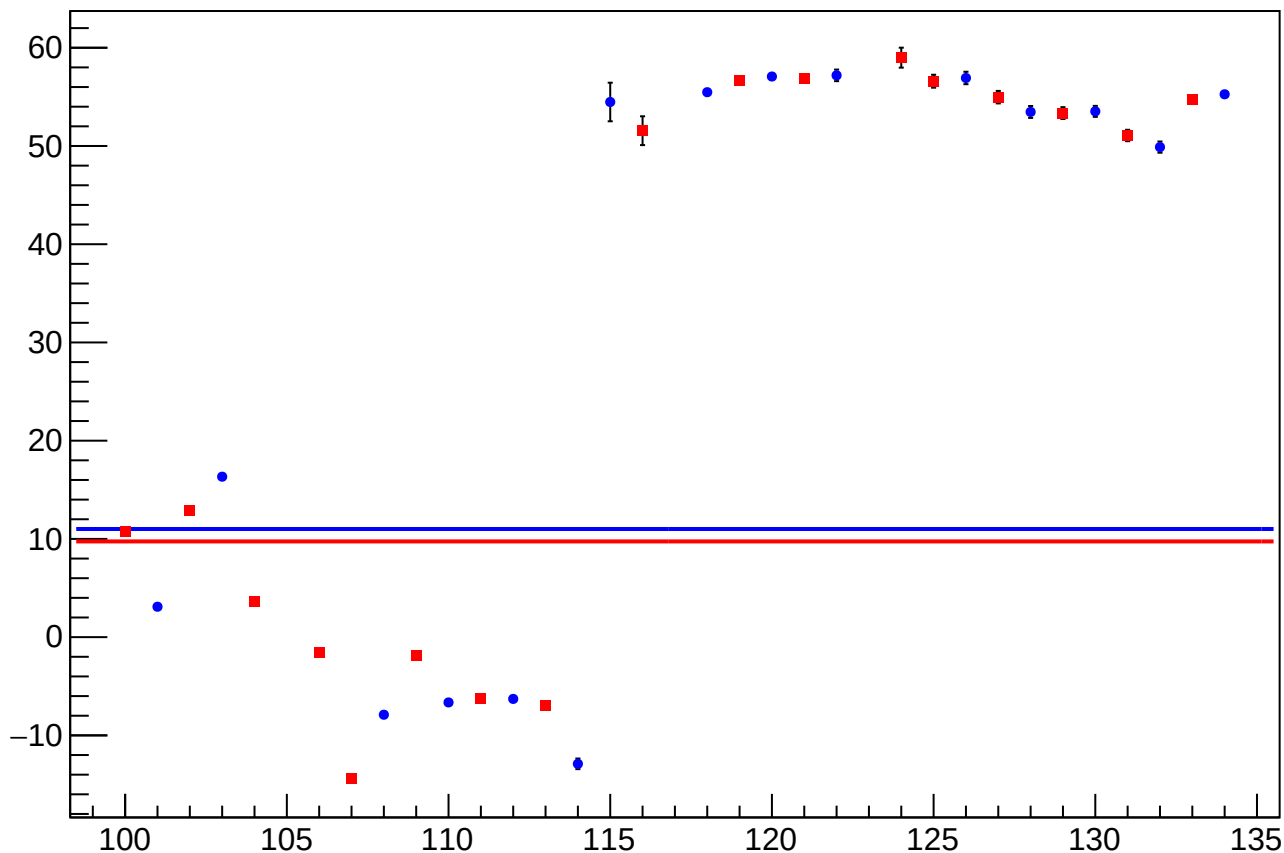
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171 ± 0.054 χ^2/NDF : 1952.3/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.898 ± 0.054 χ^2/NDF : 2984.4/16
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.359 ± 0.038 χ^2/NDF : 5130.9/31
 In: 0.171 ± 0.054 χ^2/NDF : 1952.3/14
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.359 ± 0.038 χ^2/NDF : 5130.9/31

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.009+/-0.070 χ^2/NDF : 89267.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.744+/-0.069 χ^2/NDF : 98536.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

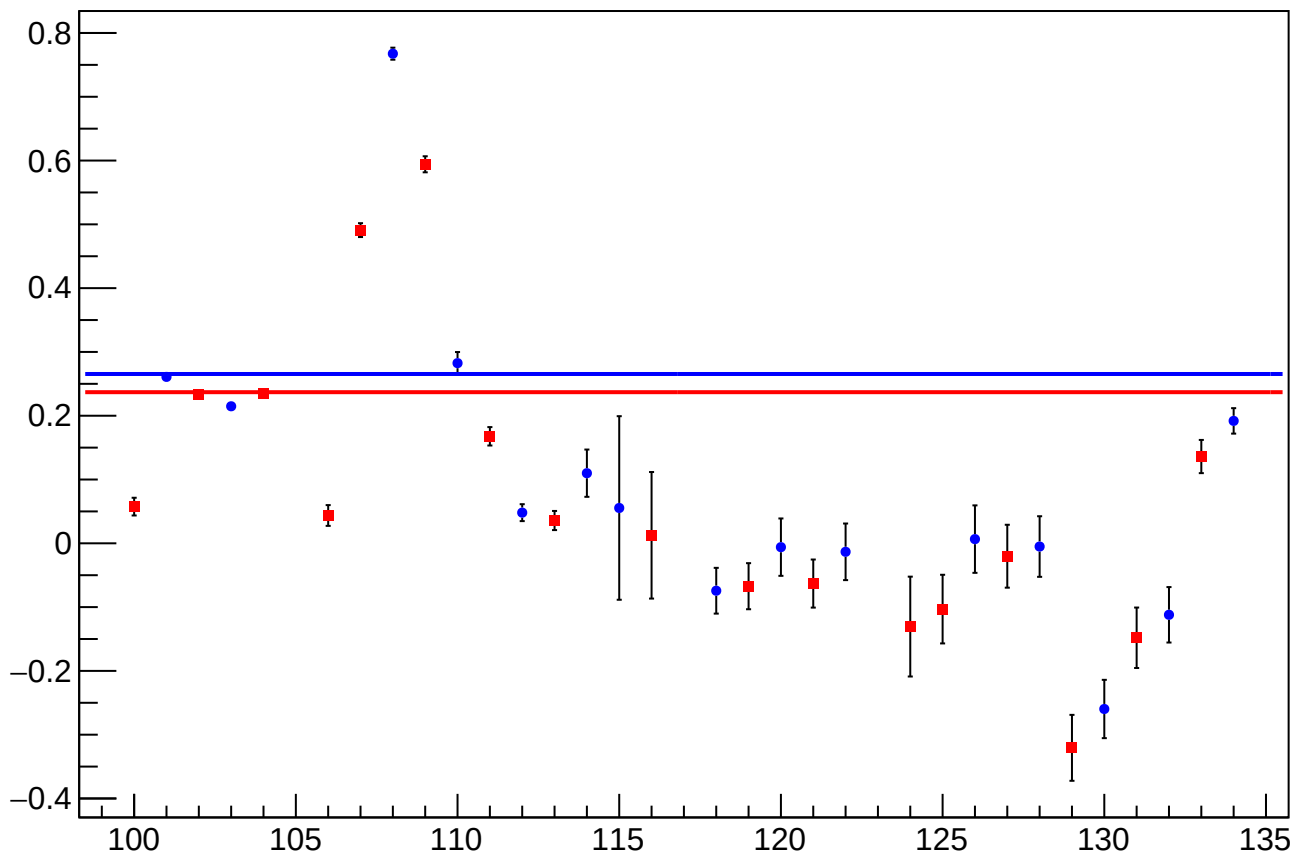
Right: 10.375+/-0.049 χ^2/NDF : 187969.4/31

In: 11.009+/-0.070 χ^2/NDF : 89267.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.375+/-0.049 χ^2/NDF : 187969.4/31

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.265+/-0.003 χ^2/NDF : 3708.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.237+/-0.003 χ^2/NDF : 2291.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

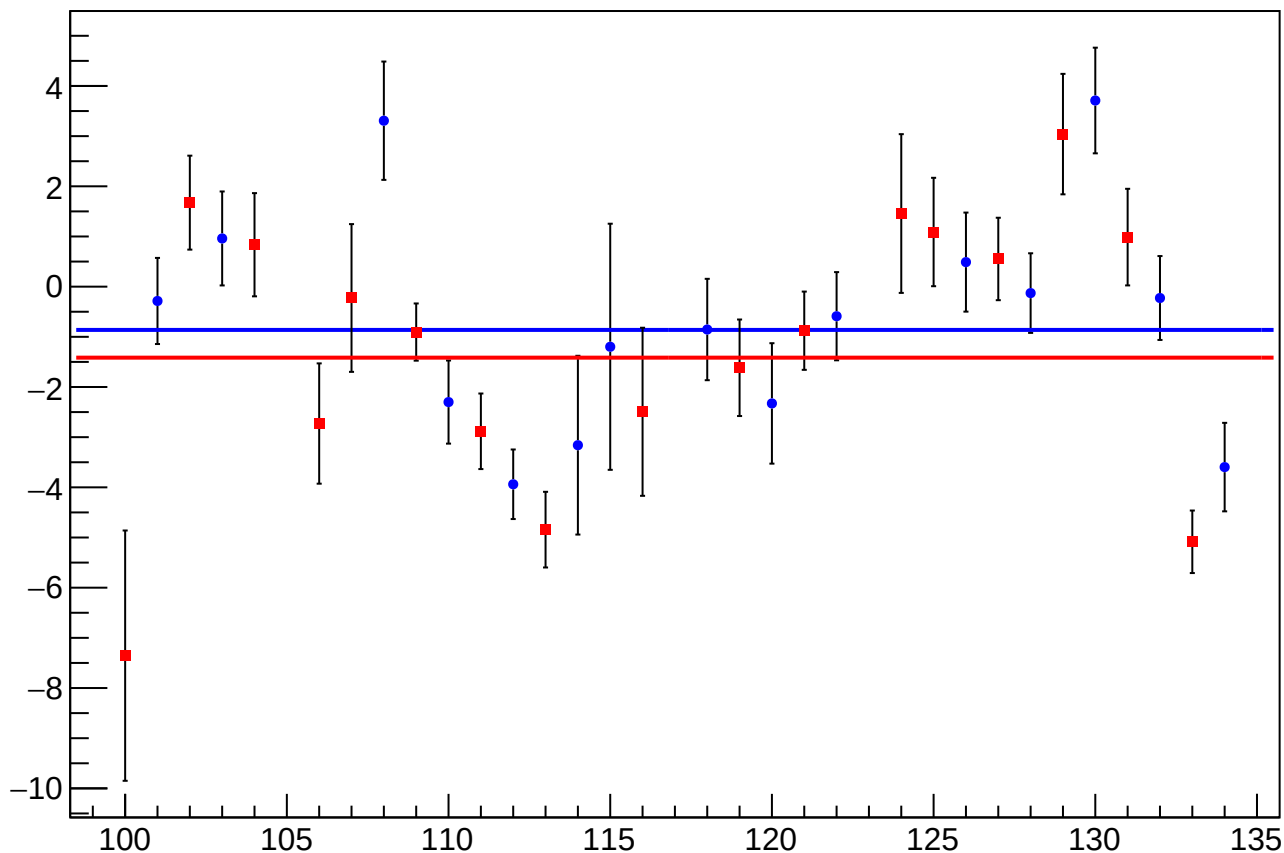
Right: 0.251+/-0.002 χ^2/NDF : 6050.5/31

In: 0.265+/-0.003 χ^2/NDF : 3708.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.251+/-0.002 χ^2/NDF : 6050.5/31

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.862 ± 0.247 χ^2/NDF : 74.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.415 ± 0.223 χ^2/NDF : 118.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

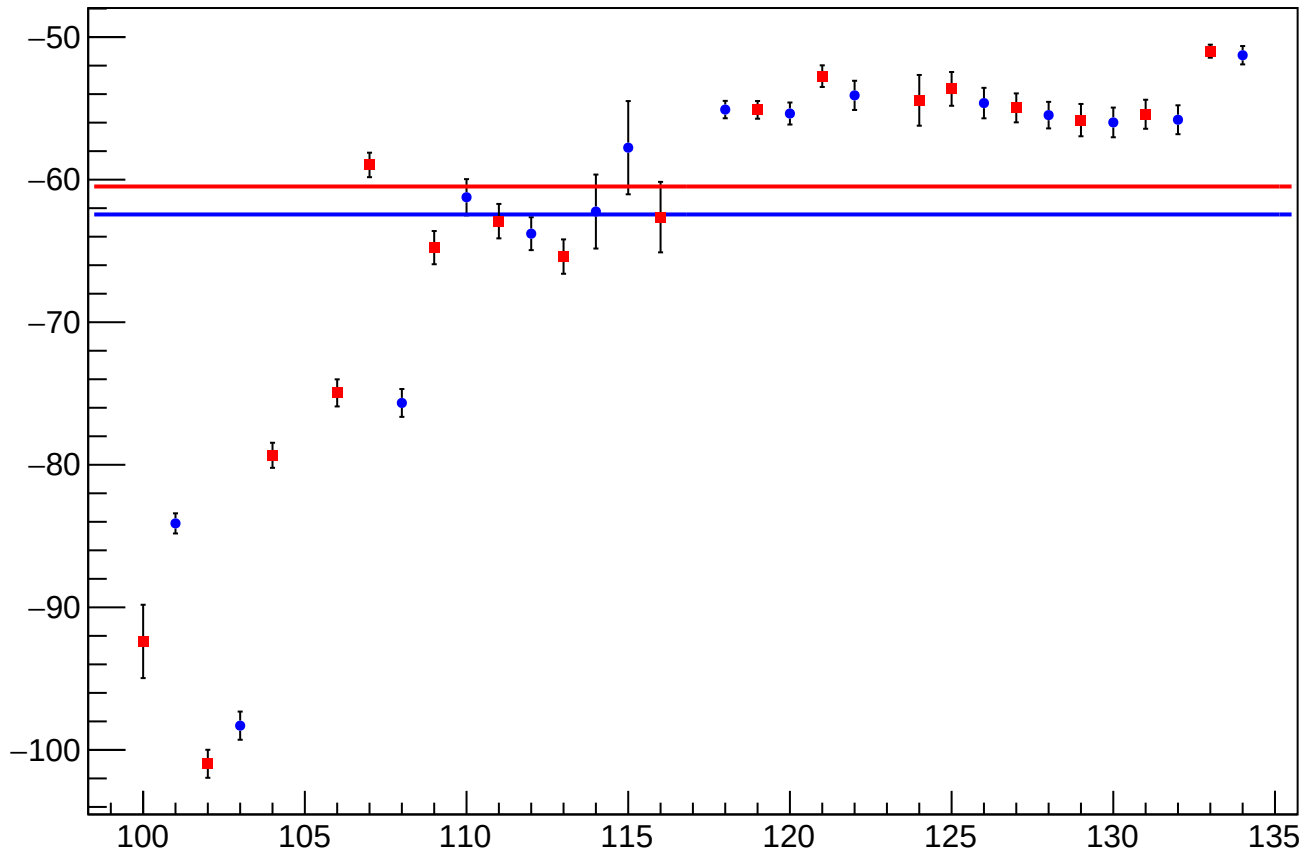
Right: -1.167 ± 0.165 χ^2/NDF : 195.8/31

In: -0.862 ± 0.247 χ^2/NDF : 74.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.167 ± 0.165 χ^2/NDF : 195.8/31

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.441 $\pm$ 0.240 χ^2 /NDF: 3232.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.479 $\pm$ 0.223 χ^2 /NDF: 3307.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

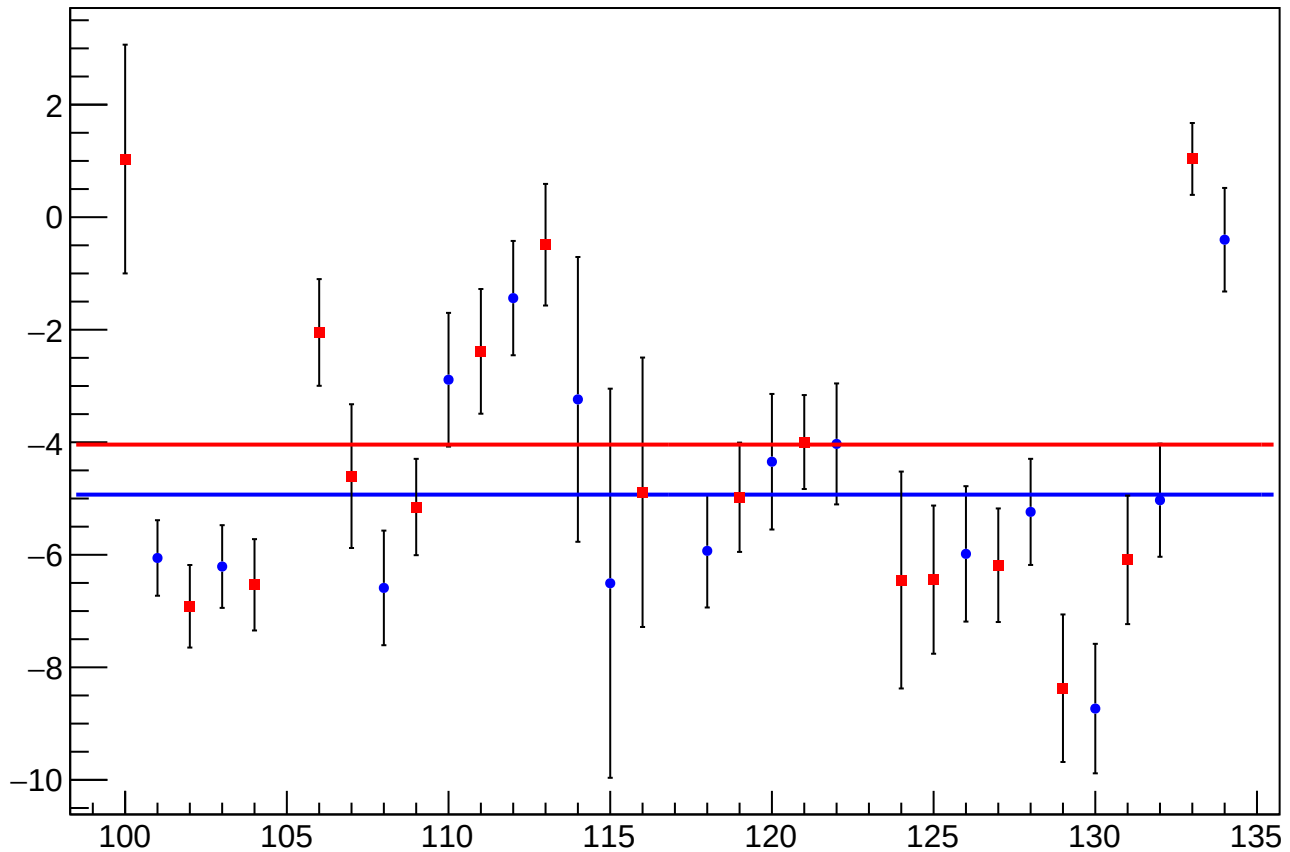
Right: -61.388 $\pm$ 0.163 χ^2 /NDF: 6575.9/31

In: -62.441 $\pm$ 0.240 χ^2 /NDF:3232.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.388 $\pm$ 0.163 χ^2 /NDF: 6575.9/31

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.930 ± 0.265 χ^2/NDF : 61.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.041 ± 0.245 χ^2/NDF : 138.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

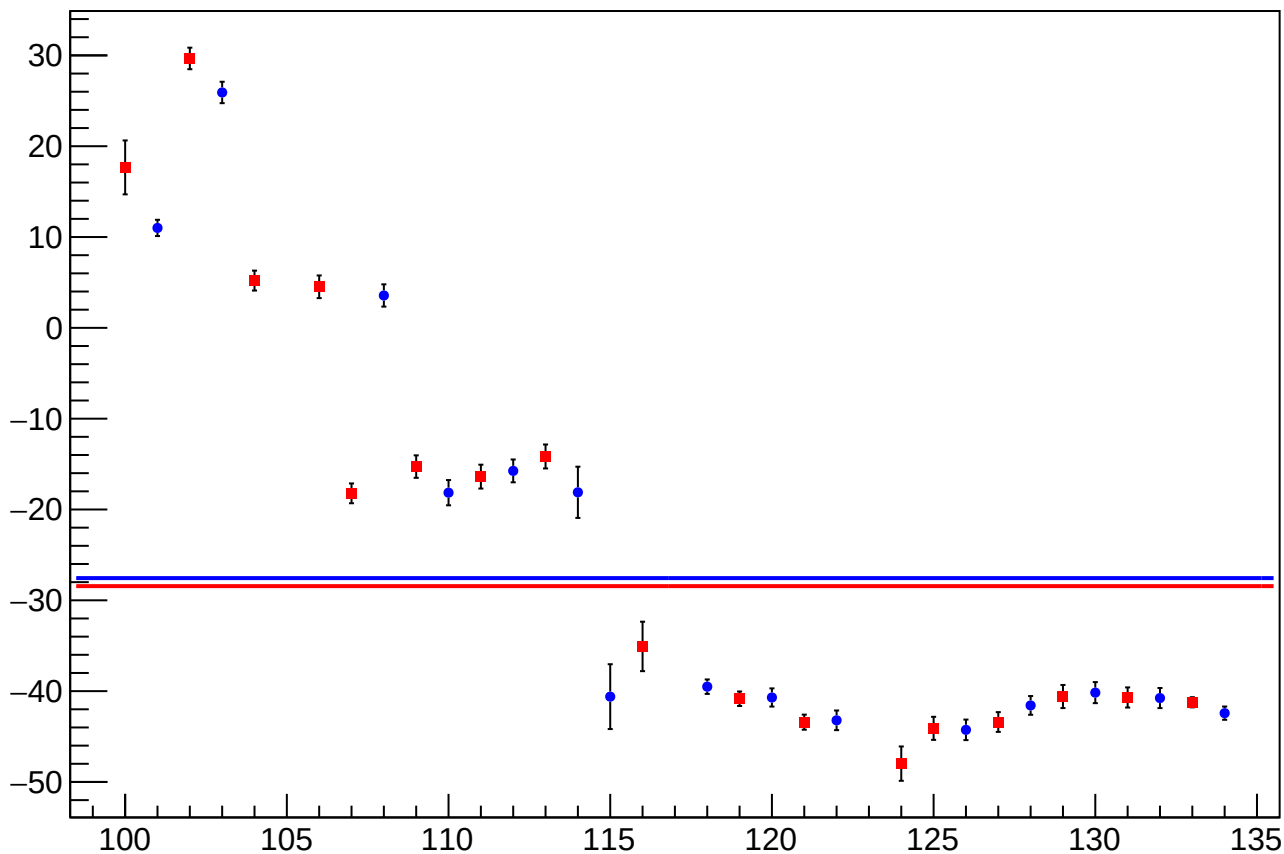
Right: -4.451 ± 0.180 χ^2/NDF : 206.0/31

In: -4.930 ± 0.265 χ^2/NDF : 61.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.451 ± 0.180 χ^2/NDF : 206.0/31

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.554 $\pm$ 0.282 χ^2 /NDF: 6400.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.439 $\pm$ 0.263 χ^2 /NDF: 6433.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

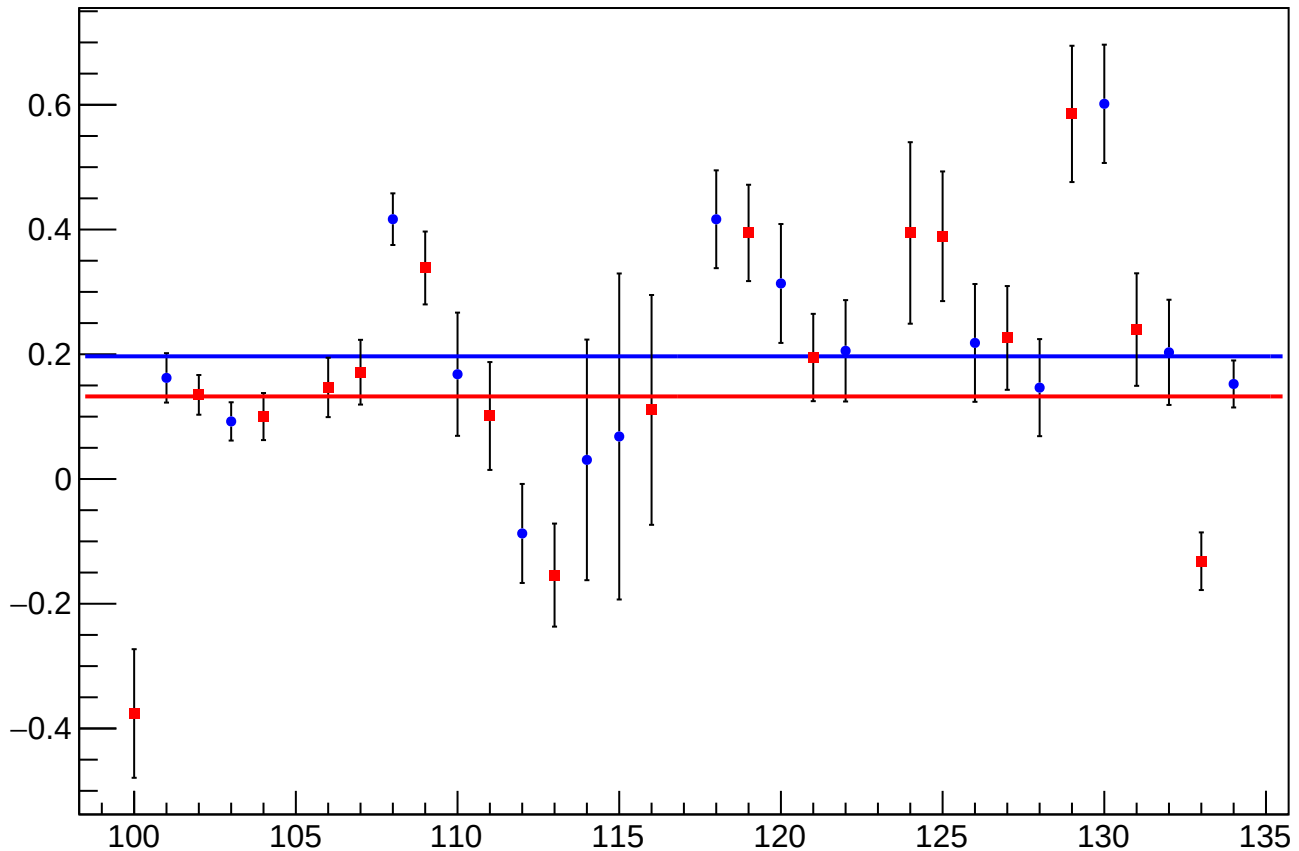
Right: -28.027 $\pm$ 0.192 χ^2 /NDF: 12838.9/31

In: -27.554 $\pm$ 0.282 χ^2 /NDF:6400.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.027 $\pm$ 0.192 χ^2 /NDF: 12838.9/31

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.197 $\pm$ 0.015 χ^2 /NDF: 83.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.132 $\pm$ 0.015 χ^2 /NDF: 124.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

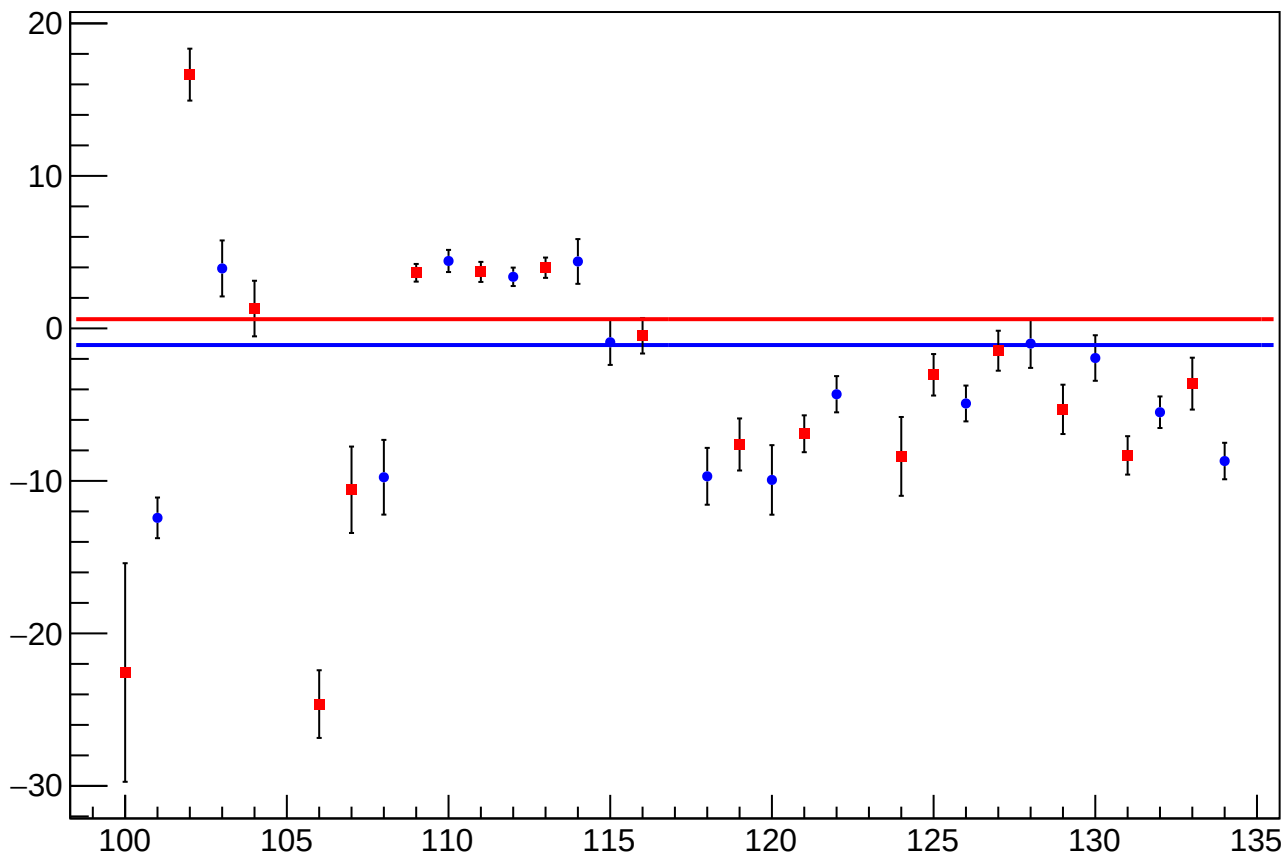
Right: 0.163 $\pm$ 0.011 χ^2 /NDF: 217.4/31

In: 0.197 $\pm$ 0.015 χ^2 /NDF:83.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.163 $\pm$ 0.011 χ^2 /NDF: 217.4/31

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.092 ± 0.302 χ^2/NDF : 332.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.604 ± 0.278 χ^2/NDF : 474.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

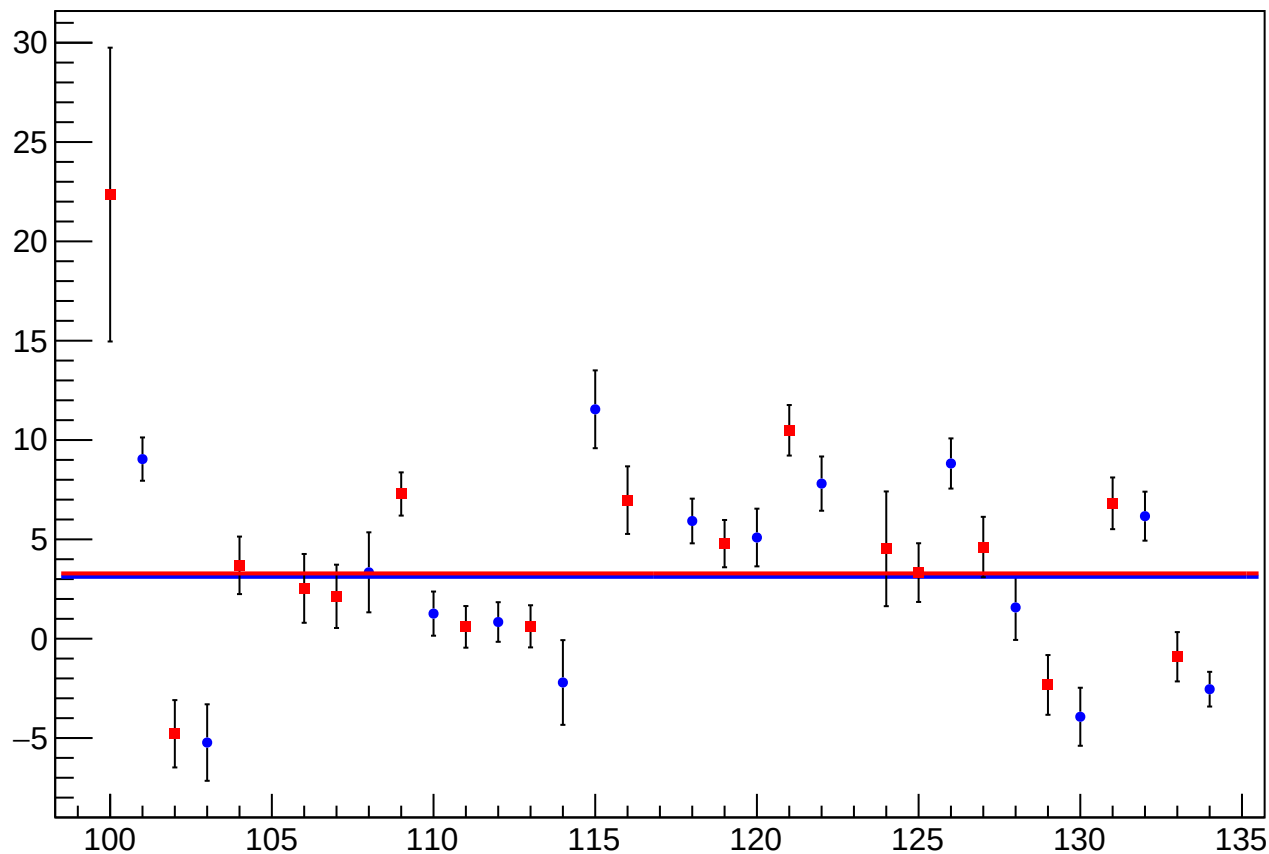
Right: -0.174 ± 0.205 χ^2/NDF : 823.0/31

In: -1.092 ± 0.302 χ^2/NDF : 332.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.174 ± 0.205 χ^2/NDF : 823.0/31

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.115+/-0.335 χ^2/NDF : 193.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.286+/-0.341 χ^2/NDF : 128.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

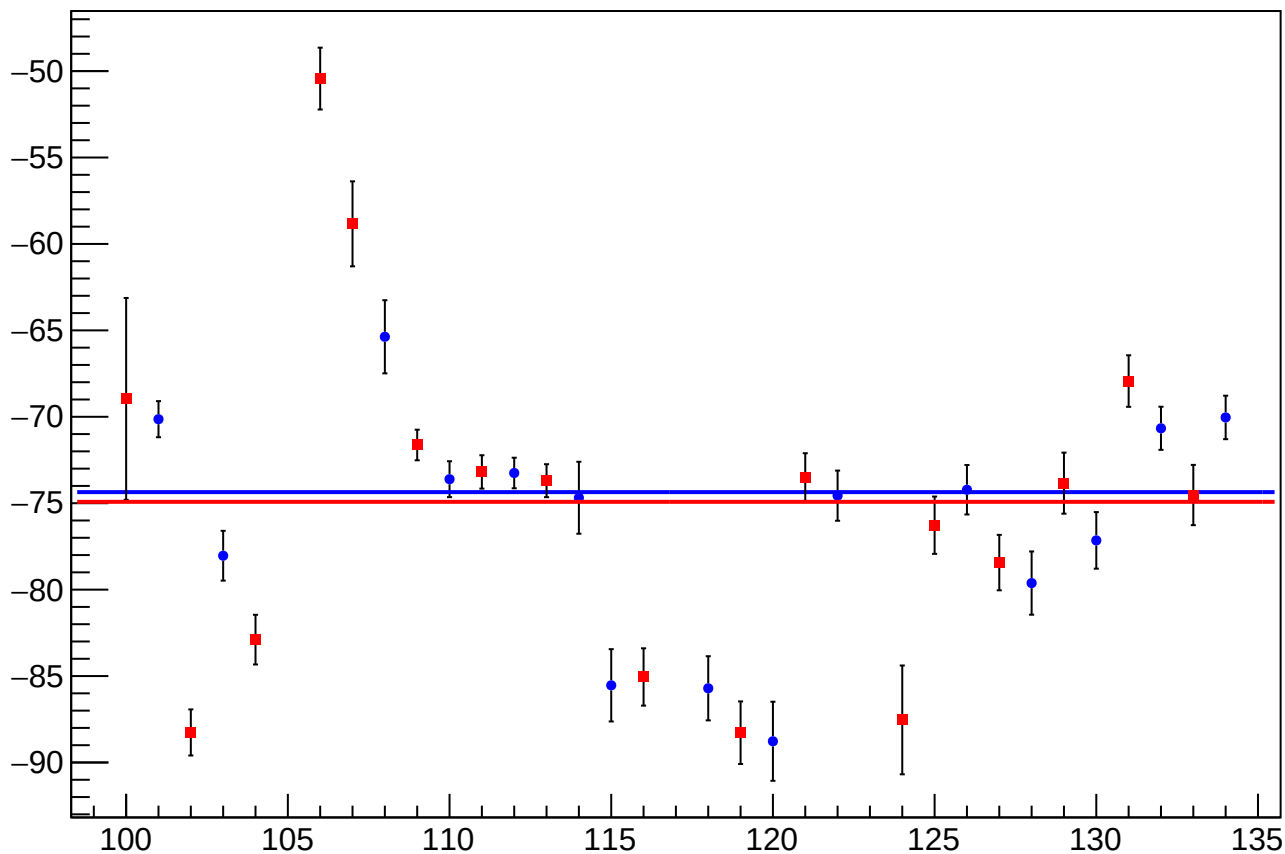
Right: 3.199+/-0.239 χ^2/NDF : 322.3/31

In: 3.115+/-0.335 χ^2/NDF : 193.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.199+/-0.239 χ^2/NDF : 322.3/31

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.359 ± 0.361 χ^2/NDF : 180.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.920 ± 0.350 χ^2/NDF : 517.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

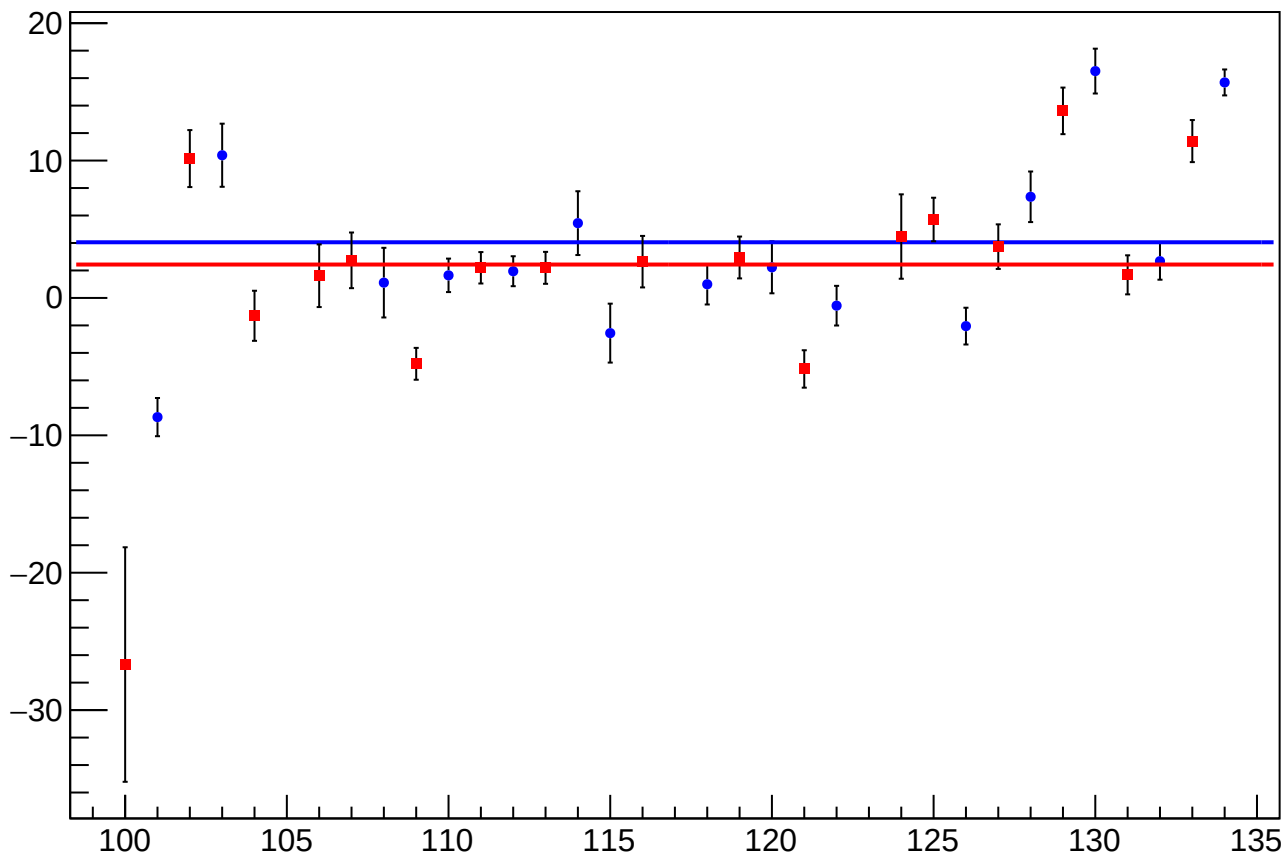
Right: -74.648 ± 0.251 χ^2/NDF : 699.1/31

In: -74.359 ± 0.361 χ^2/NDF : 180.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.648 ± 0.251 χ^2/NDF : 699.1/31

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.052+/-0.381 χ^2/NDF : 360.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.432+/-0.388 χ^2/NDF : 183.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

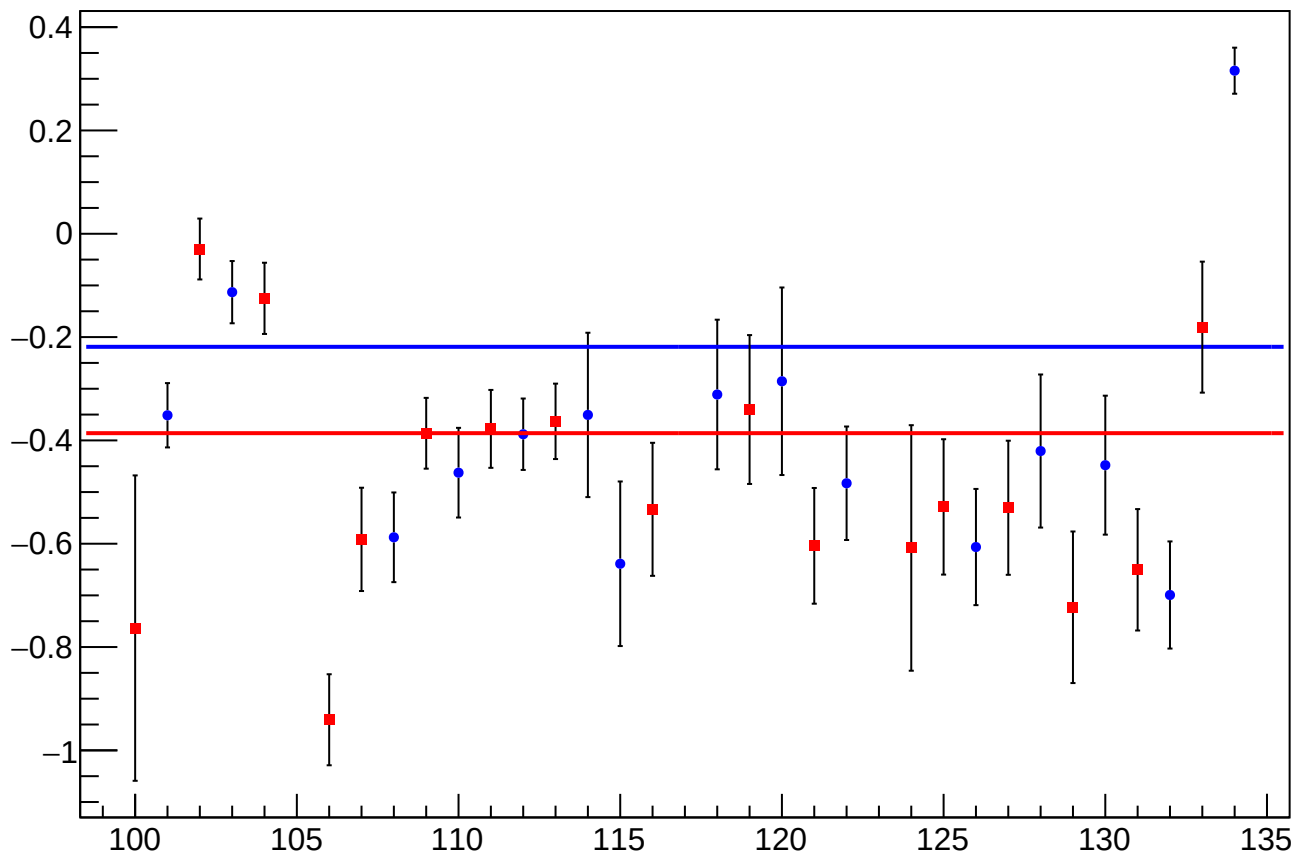
Right: 3.258+/-0.272 χ^2/NDF : 553.3/31

In: 4.052+/-0.381 χ^2/NDF : 360.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.258+/-0.272 χ^2/NDF : 553.3/31

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.219 ± 0.022 χ^2/NDF : 235.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.386 ± 0.023 χ^2/NDF : 118.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

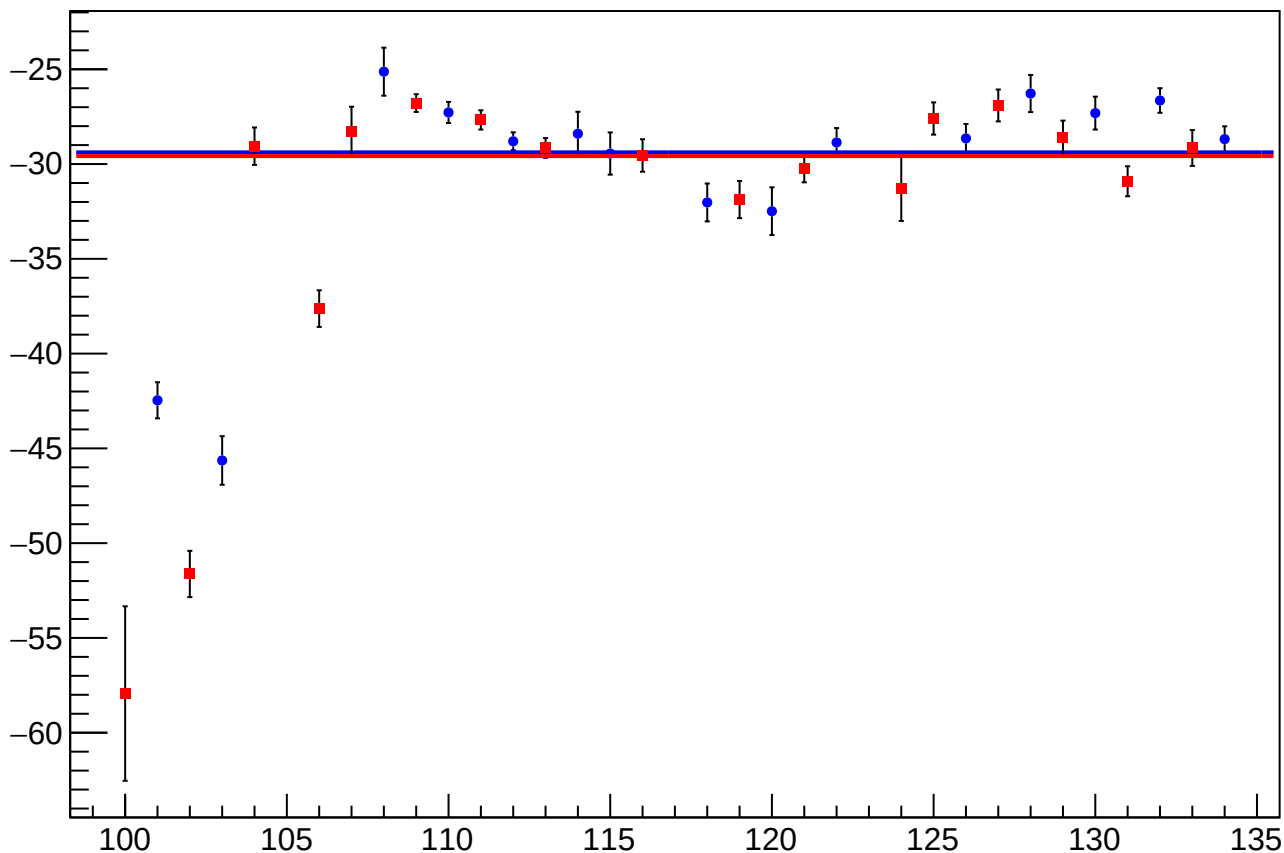
Right: -0.298 ± 0.016 χ^2/NDF : 380.1/31

In: -0.219 ± 0.022 χ^2/NDF : 235.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.298 ± 0.016 χ^2/NDF : 380.1/31

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.383+/-0.206 χ^2/NDF : 426.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -29.581+/-0.193 χ^2/NDF : 512.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

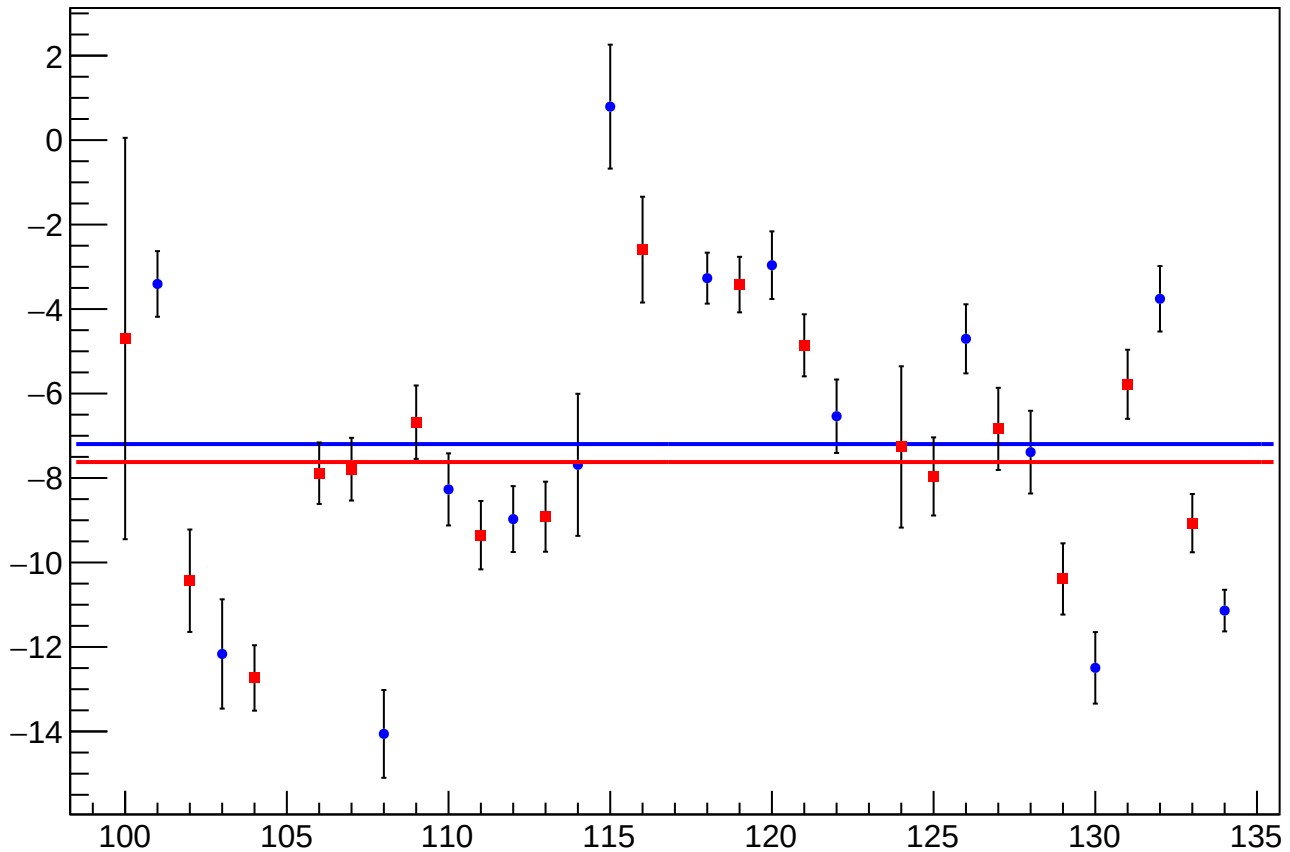
Right: -29.489+/-0.141 χ^2/NDF : 939.4/31

In: -29.383+/-0.206 χ^2/NDF :426.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.489+/-0.141 χ^2/NDF : 939.4/31

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.197 ± 0.211 χ^2/NDF : 321.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.622 ± 0.210 χ^2/NDF : 149.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

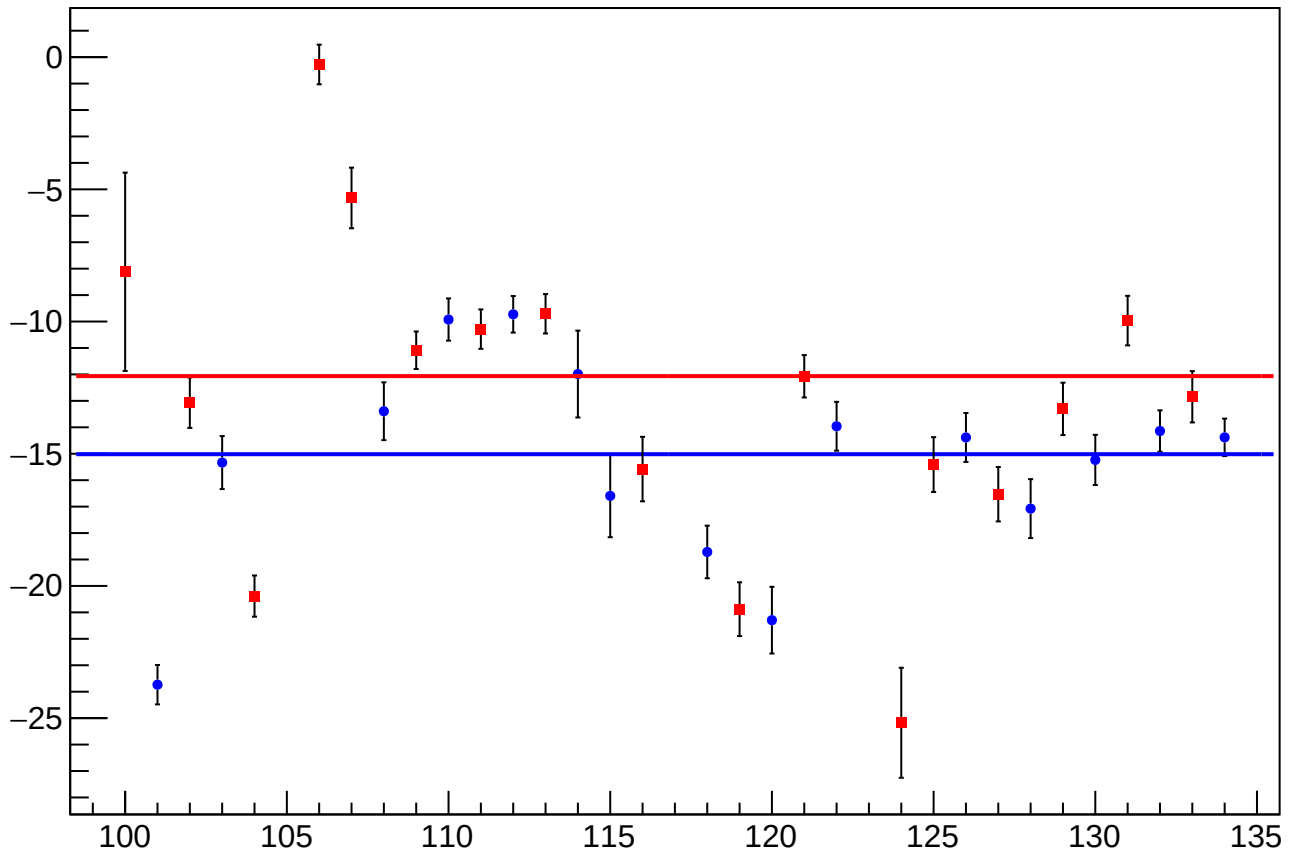
Right: -7.411 ± 0.149 χ^2/NDF : 473.7/31

In: -7.197 ± 0.211 χ^2/NDF : 321.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.411 ± 0.149 χ^2/NDF : 473.7/31

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.017 ± 0.238 χ^2/NDF : 288.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.065 ± 0.227 χ^2/NDF : 575.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

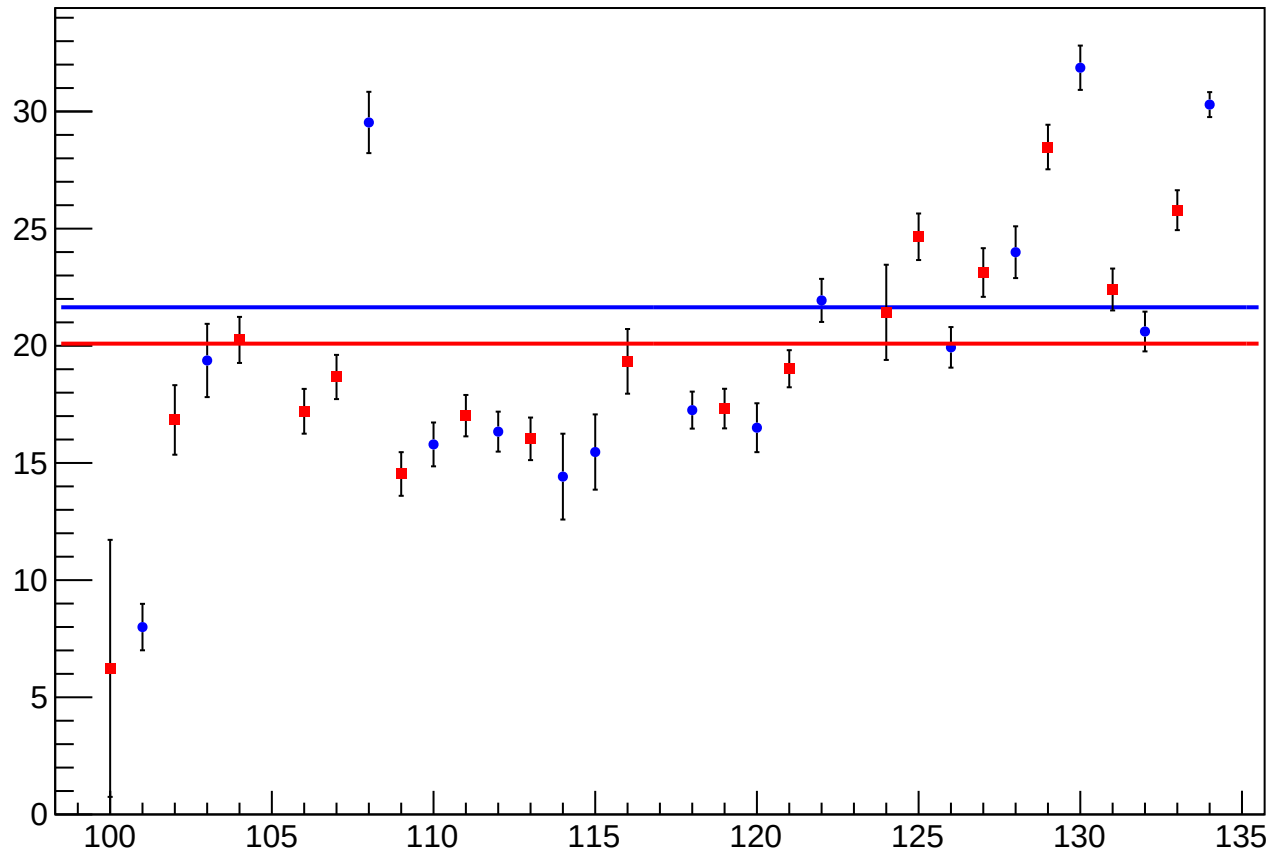
Right: -13.467 ± 0.164 χ^2/NDF : 944.6/31

In: -15.017 ± 0.238 χ^2/NDF : 288.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.467 ± 0.164 χ^2/NDF : 944.6/31

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.644+/-0.242 χ^2/NDF : 782.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.092+/-0.244 χ^2/NDF : 262.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

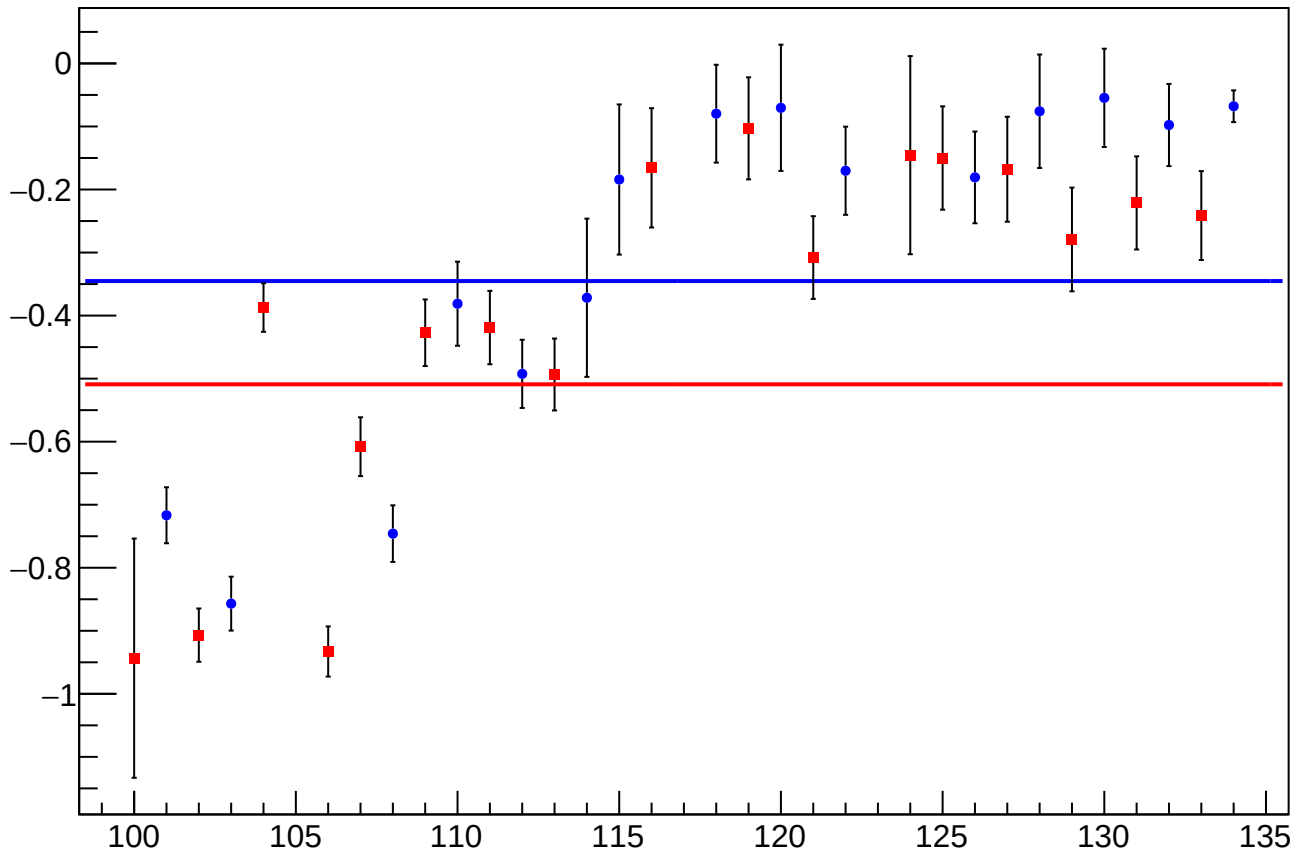
Right: 20.874+/-0.172 χ^2/NDF : 1065.3/31

In: 21.644+/-0.242 χ^2/NDF : 782.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.874+/-0.172 χ^2/NDF : 1065.3/31

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.345 ± 0.014 χ^2/NDF : 491.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.509 ± 0.015 χ^2/NDF : 353.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

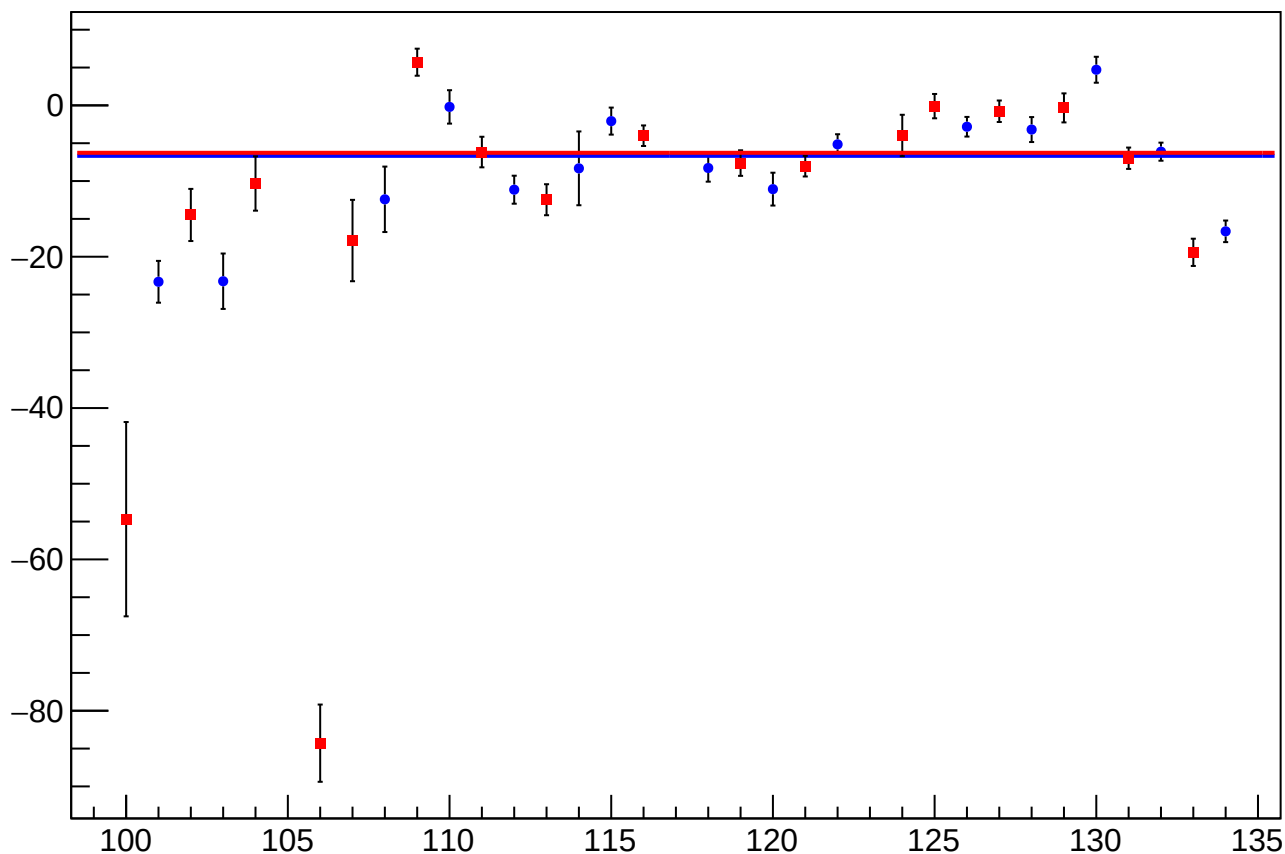
Right: -0.424 ± 0.010 χ^2/NDF : 909.9/31

In: -0.345 ± 0.014 χ^2/NDF : 491.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.424 ± 0.010 χ^2/NDF : 909.9/31

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.669+/-0.462 χ^2 /NDF: 192.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.266+/-0.468 χ^2 /NDF: 412.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

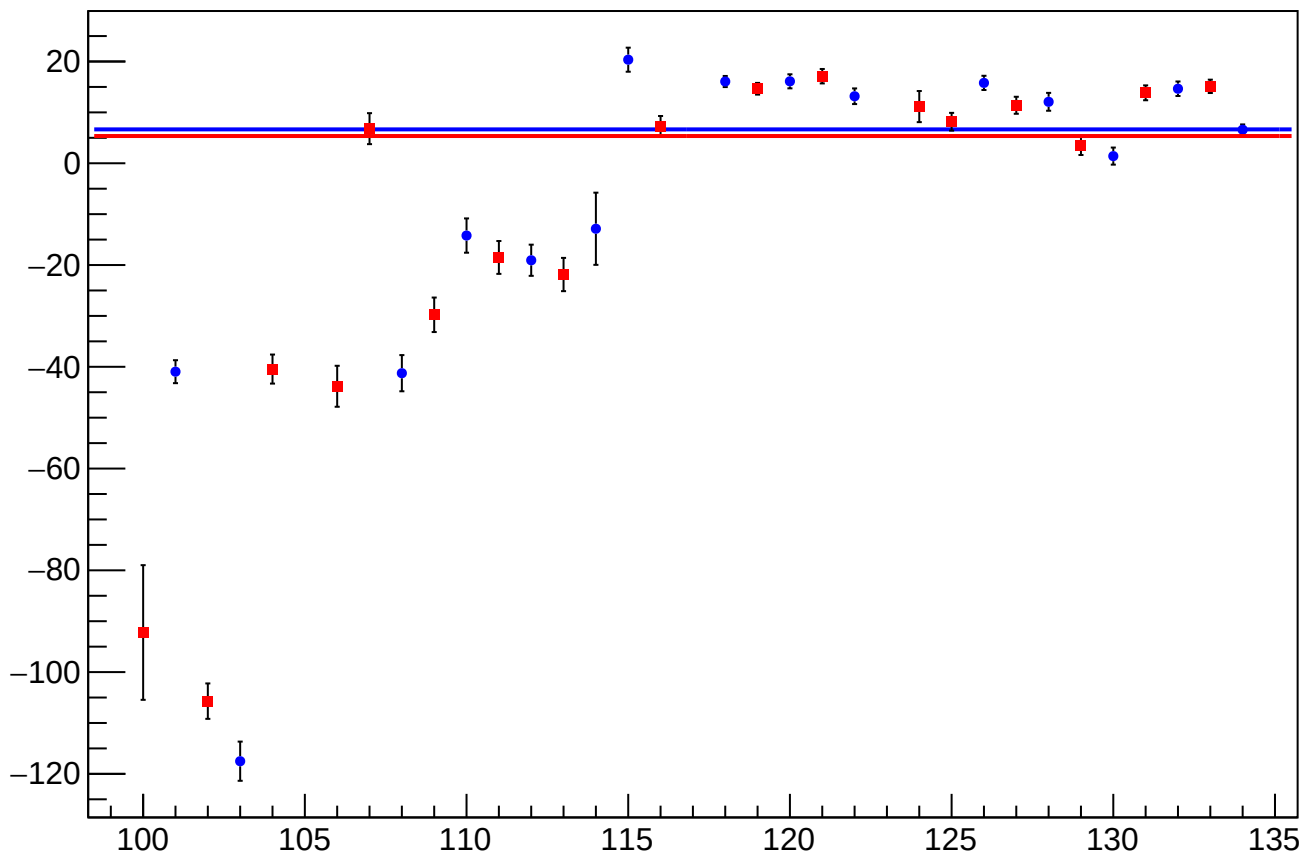
Right: -6.470+/-0.329 χ^2 /NDF: 604.8/31

In: -6.669+/-0.462 χ^2 /NDF:192.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.470+/-0.329 χ^2 /NDF: 604.8/31

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.660+/-0.441 χ^2/NDF : 2048.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.354+/-0.481 χ^2/NDF : 1955.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

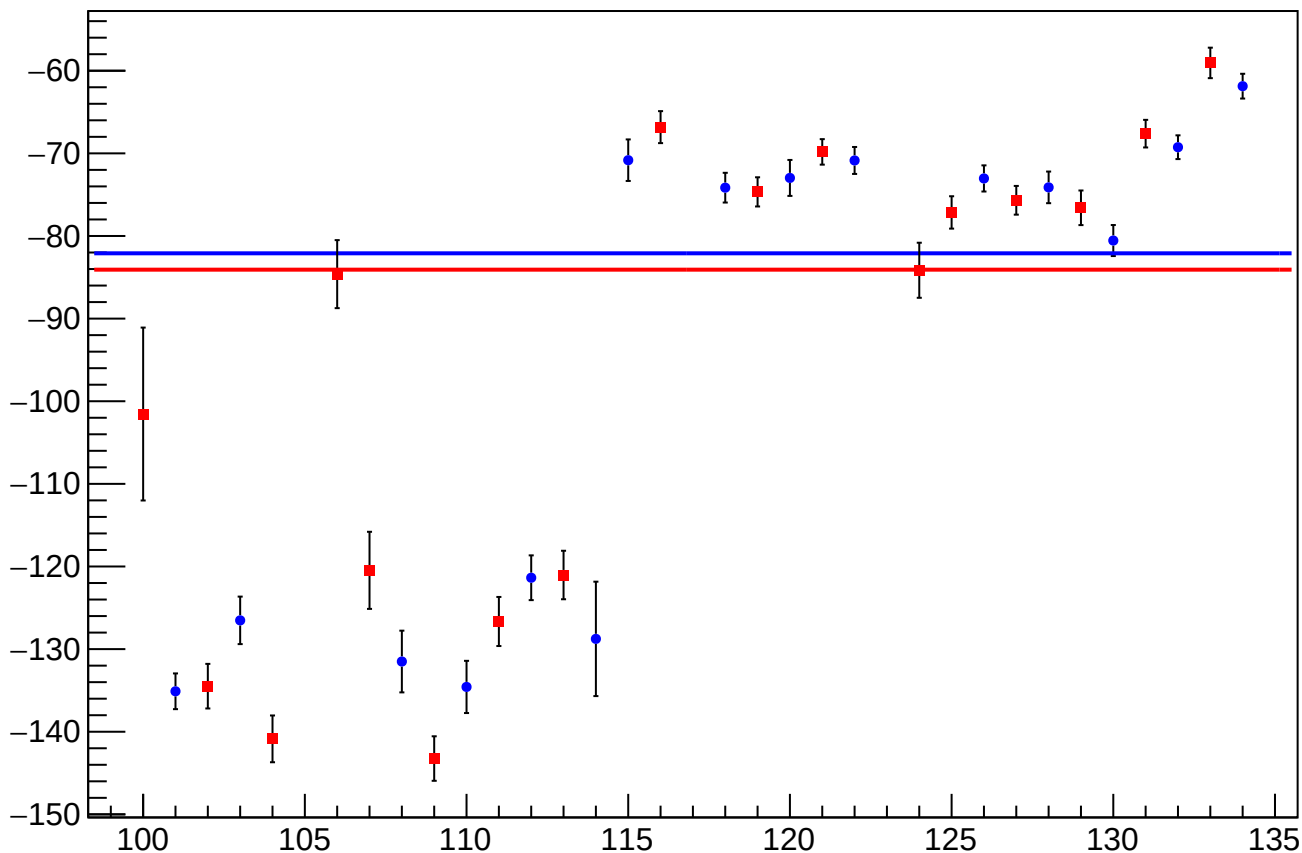
Right: 6.063+/-0.325 χ^2/NDF : 4008.0/31

In: 6.660+/-0.441 χ^2/NDF :2048.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.063+/-0.325 χ^2/NDF : 4008.0/31

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -82.097 $\pm$ 0.527 χ^2 /NDF: 1963.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -84.076 $\pm$ 0.549 χ^2 /NDF: 2184.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

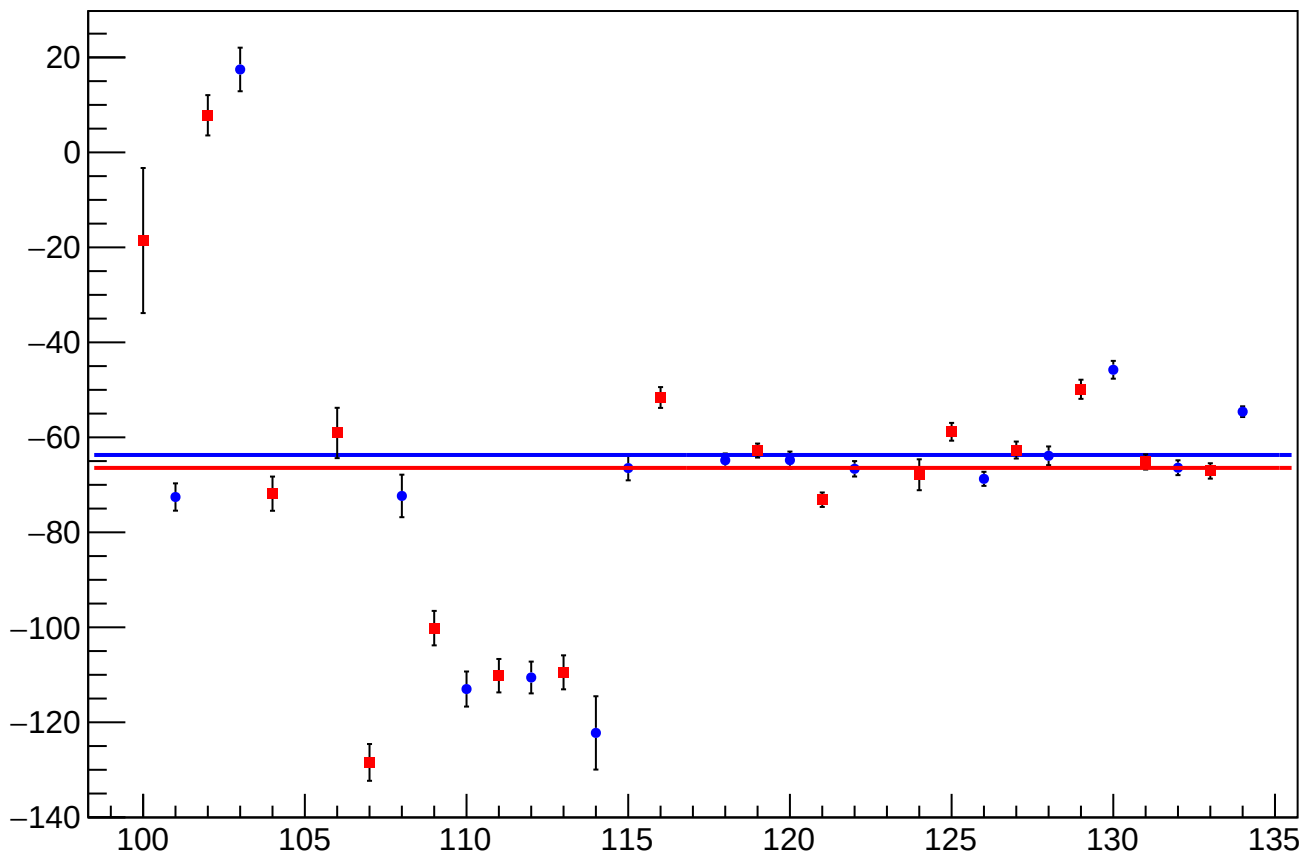
Right: -83.045 $\pm$ 0.380 χ^2 /NDF: 4155.1/31

In: -82.097 $\pm$ 0.527 χ^2 /NDF:1963.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.045 $\pm$ 0.380 χ^2 /NDF: 4155.1/31

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.712 ± 0.505 $\chi^2/\text{NDF}: 934.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -66.436 ± 0.552 $\chi^2/\text{NDF}: 1122.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

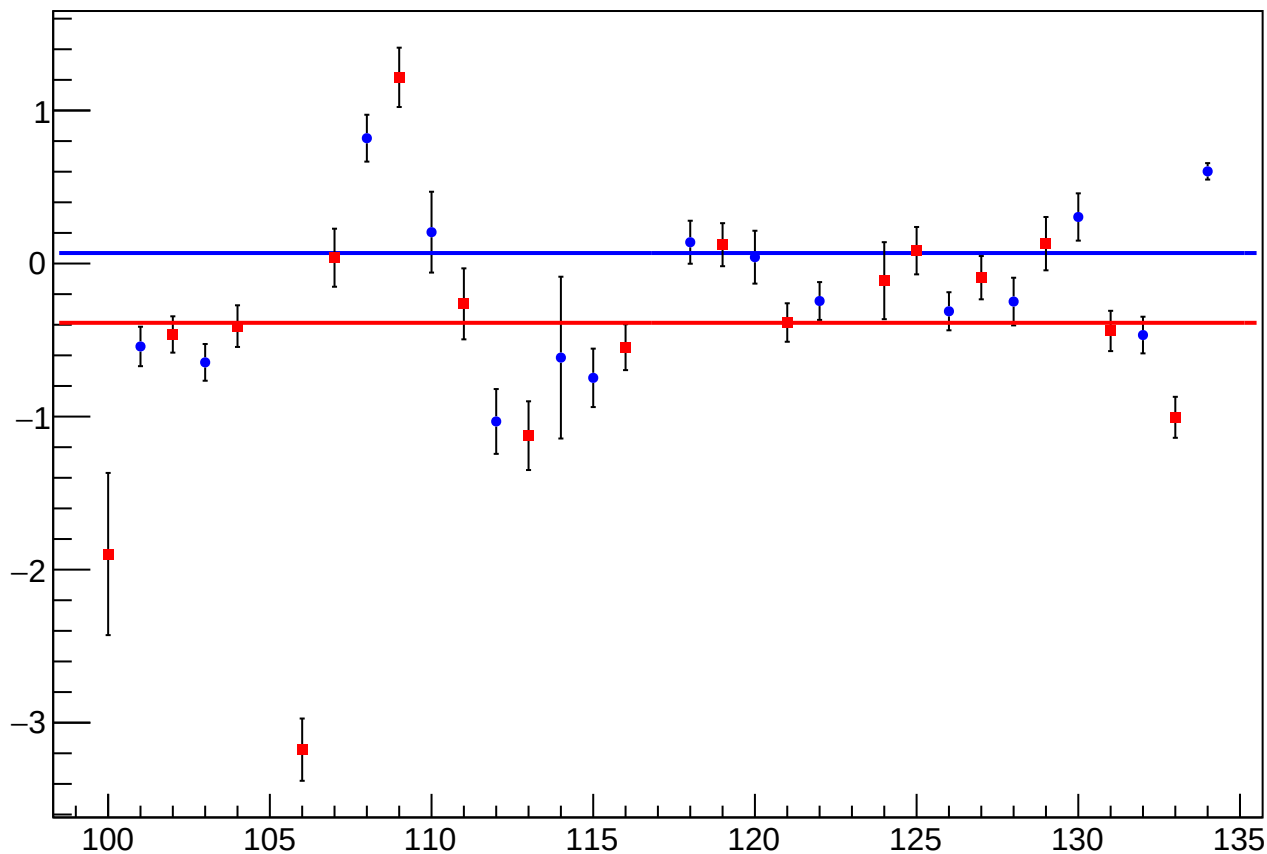
Right: -64.954 ± 0.373 $\chi^2/\text{NDF}: 2070.4/31$

In: -63.712 ± 0.505 $\chi^2/\text{NDF}: 934.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -64.954 ± 0.373 $\chi^2/\text{NDF}: 2070.4/31$

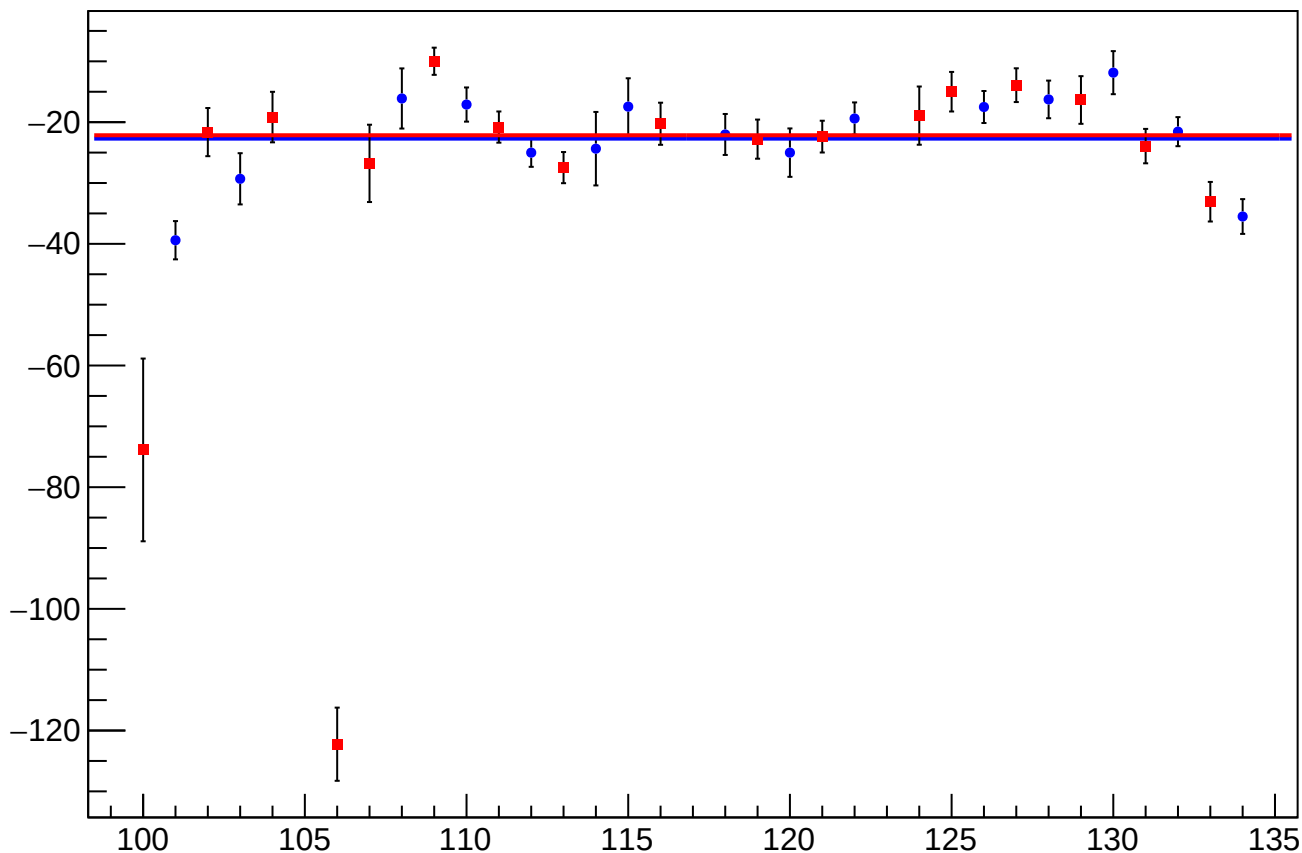
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.069+/-0.032 χ^2/NDF : 270.3/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.387+/-0.039 χ^2/NDF : 340.4/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.118+/-0.025 χ^2/NDF : 691.6/31
 In: 0.069+/-0.032 χ^2/NDF : 270.3/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.118+/-0.025 χ^2/NDF : 691.6/31

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.704 ± 0.816 χ^2/NDF : 78.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.150 ± 0.800 χ^2/NDF : 352.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

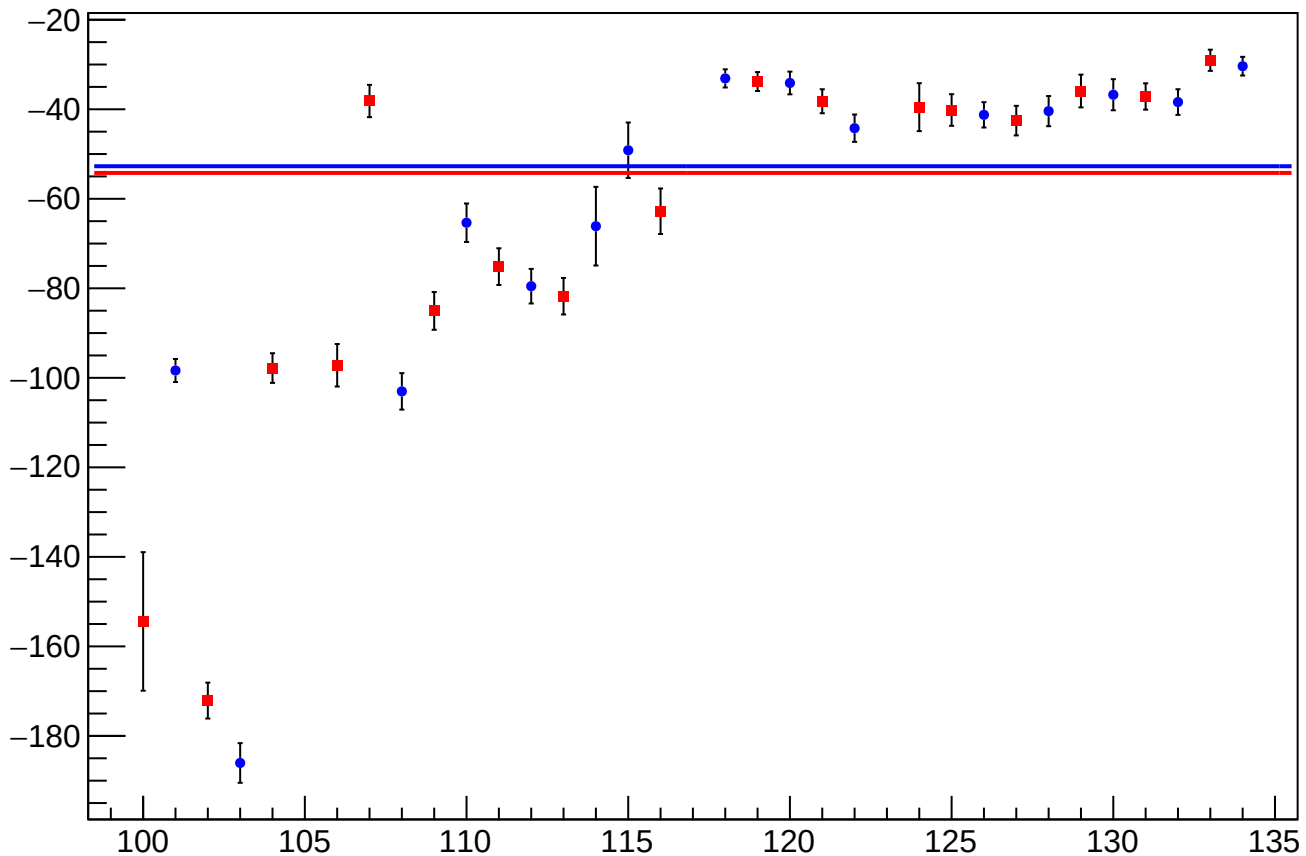
Right: -22.422 ± 0.571 χ^2/NDF : 431.3/31

In: -22.704 ± 0.816 χ^2/NDF : 78.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.422 ± 0.571 χ^2/NDF : 431.3/31

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.722 $\pm$ 0.797 χ^2 /NDF: 1776.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -54.217 $\pm$ 0.836 χ^2 /NDF: 1644.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

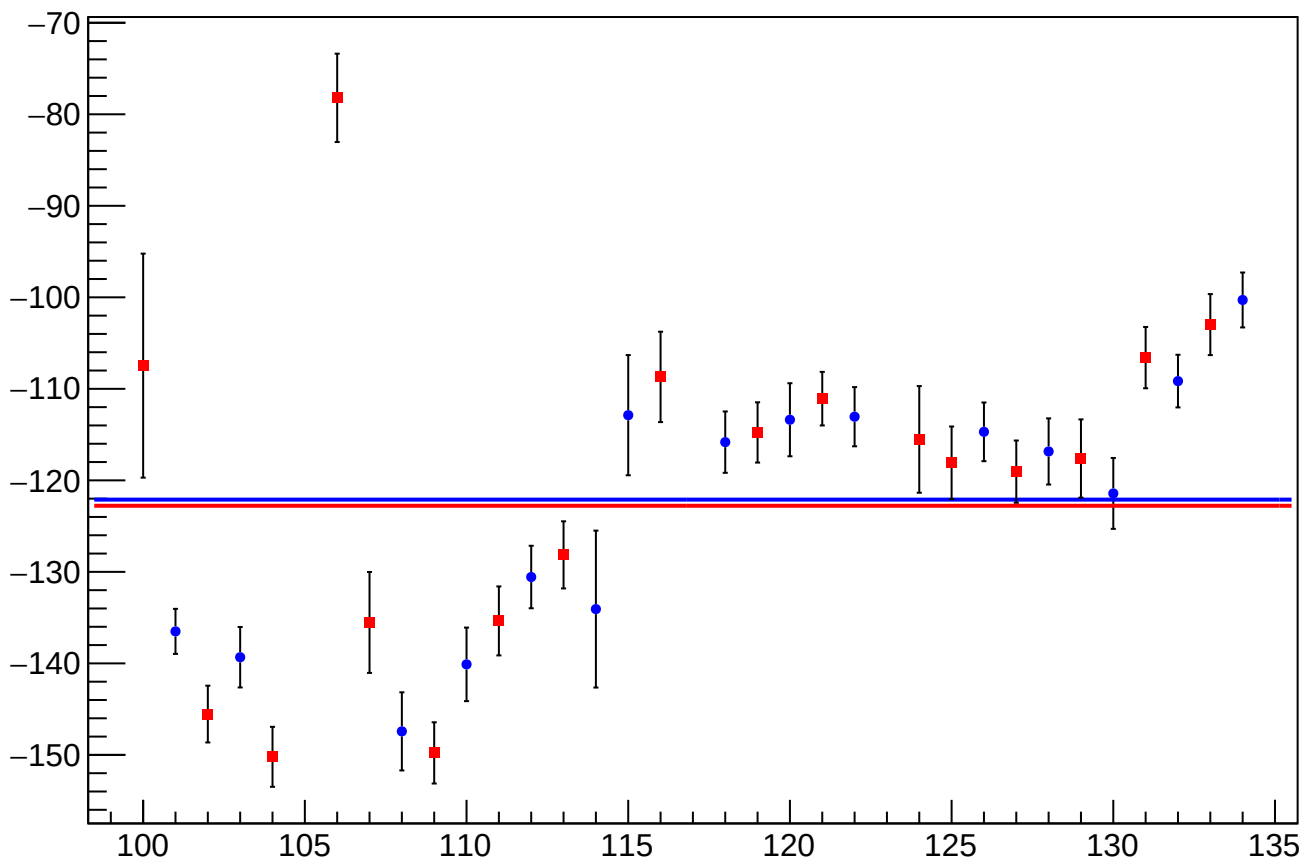
Right: -53.434 $\pm$ 0.577 χ^2 /NDF: 3423.1/31

In: -52.722 $\pm$ 0.797 χ^2 /NDF:1776.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -53.434 $\pm$ 0.577 χ^2 /NDF: 3423.1/31

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -122.105+/-0.907 χ^2/NDF : 223.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -122.777+/-0.922 χ^2/NDF : 388.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

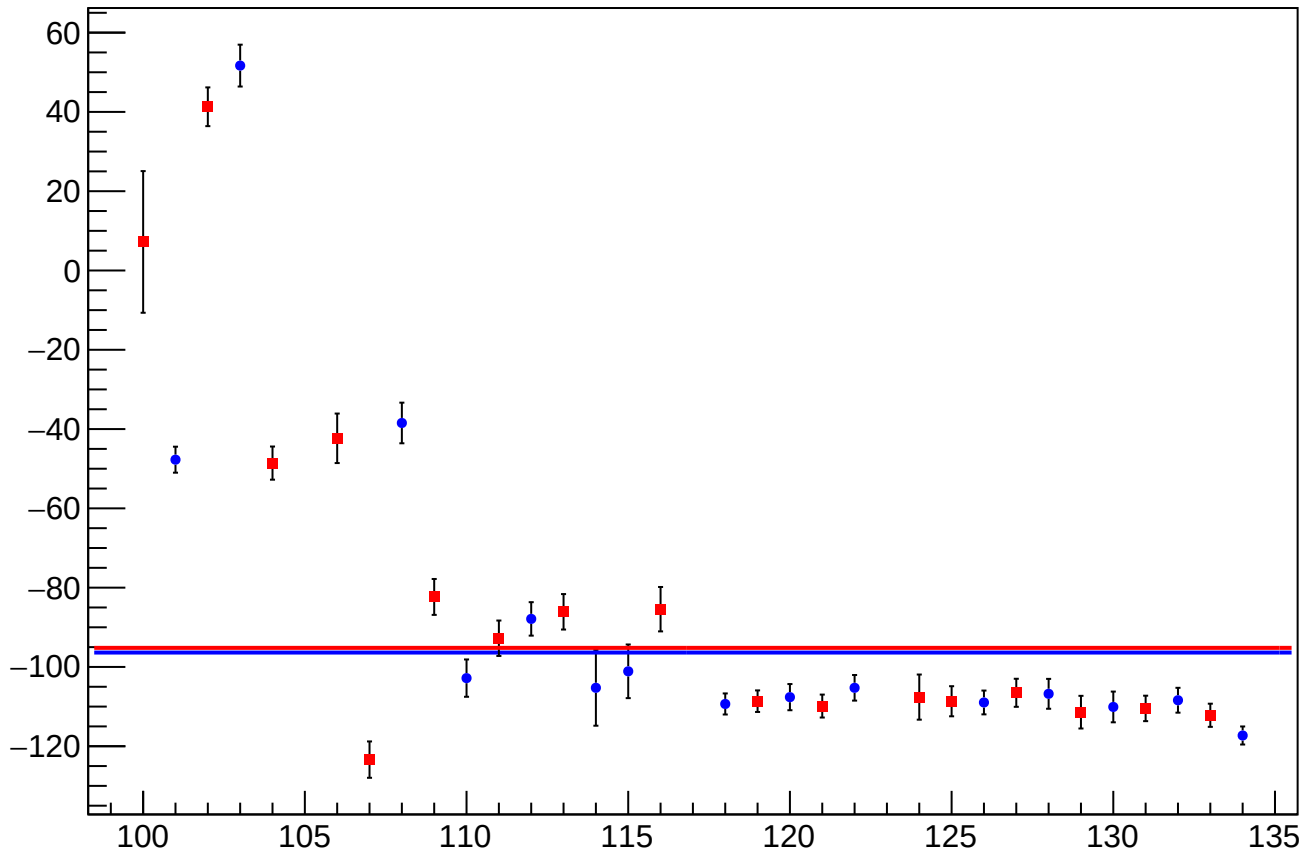
Right: -122.436+/-0.646 χ^2/NDF : 612.5/31

In: -122.105+/-0.907 χ^2/NDF :223.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -122.436+/-0.646 χ^2/NDF : 612.5/31

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -96.370+/-0.923 χ^2/NDF : 1321.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.186+/-0.969 χ^2/NDF : 1211.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

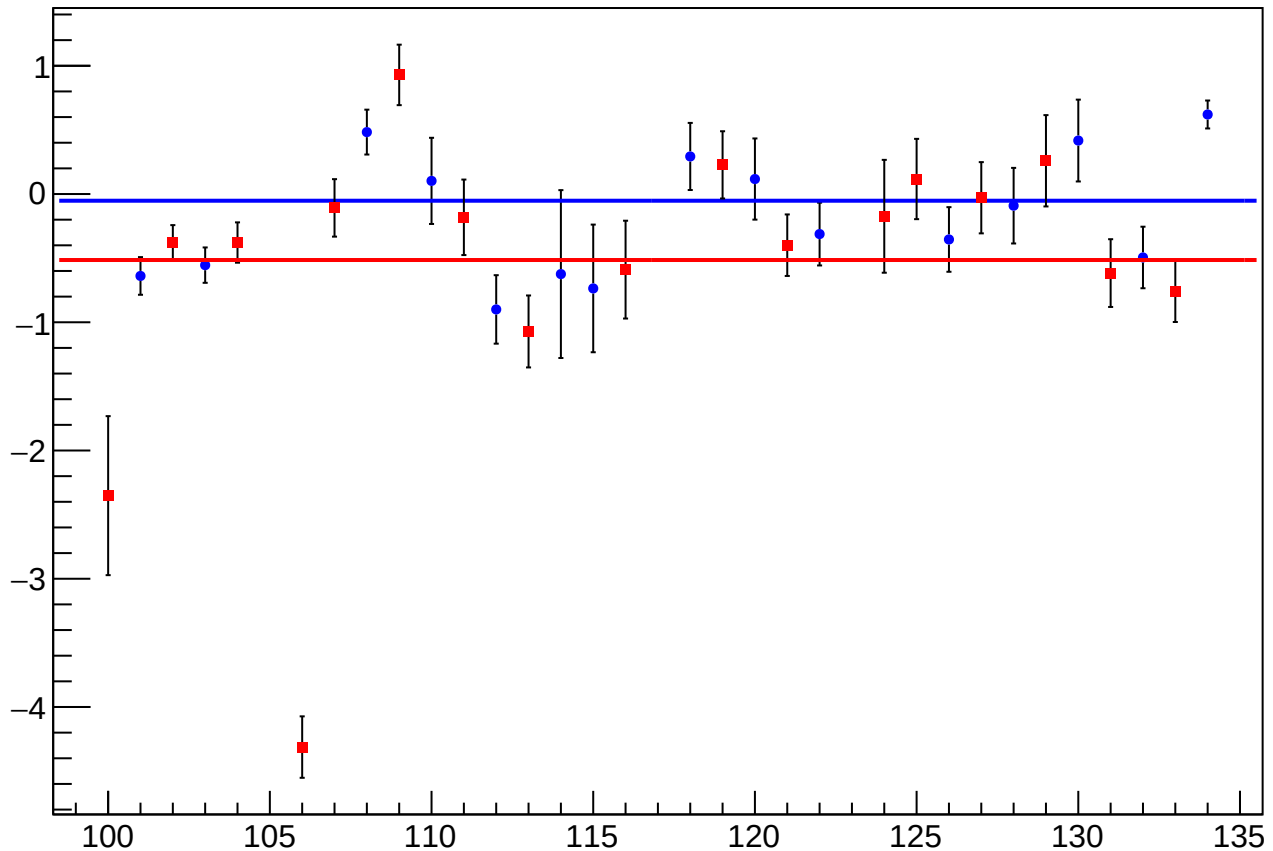
Right: -95.807+/-0.669 χ^2/NDF : 2534.0/31

In: -96.370+/-0.923 χ^2/NDF : 1321.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.807+/-0.669 χ^2/NDF : 2534.0/31

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.052 ± 0.054 χ^2/NDF : 99.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.515 ± 0.059 χ^2/NDF : 329.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

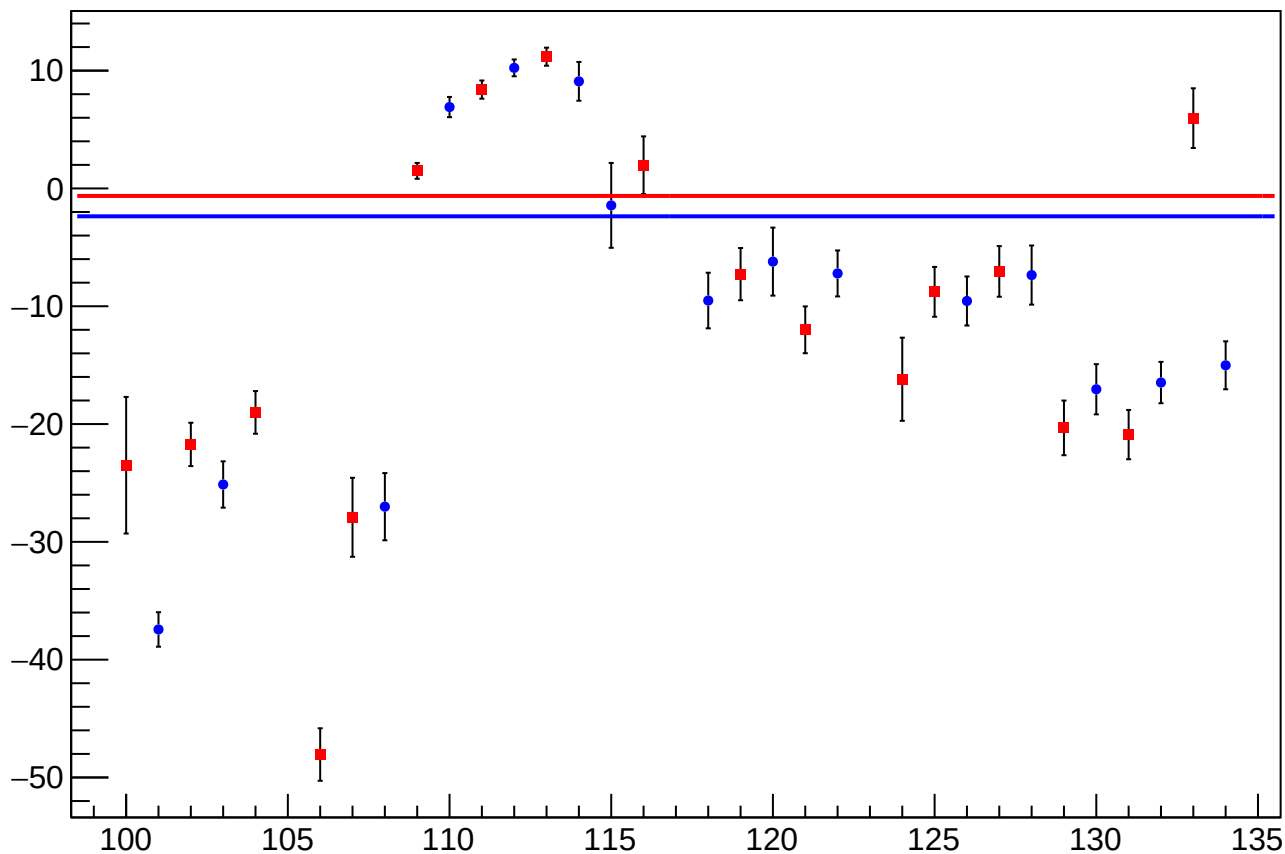
Right: -0.262 ± 0.040 χ^2/NDF : 462.6/31

In: -0.052 ± 0.054 χ^2/NDF : 99.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.262 ± 0.040 χ^2/NDF : 462.6/31

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.365+/-0.397 χ^2/NDF : 1442.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.636+/-0.349 χ^2/NDF : 1411.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

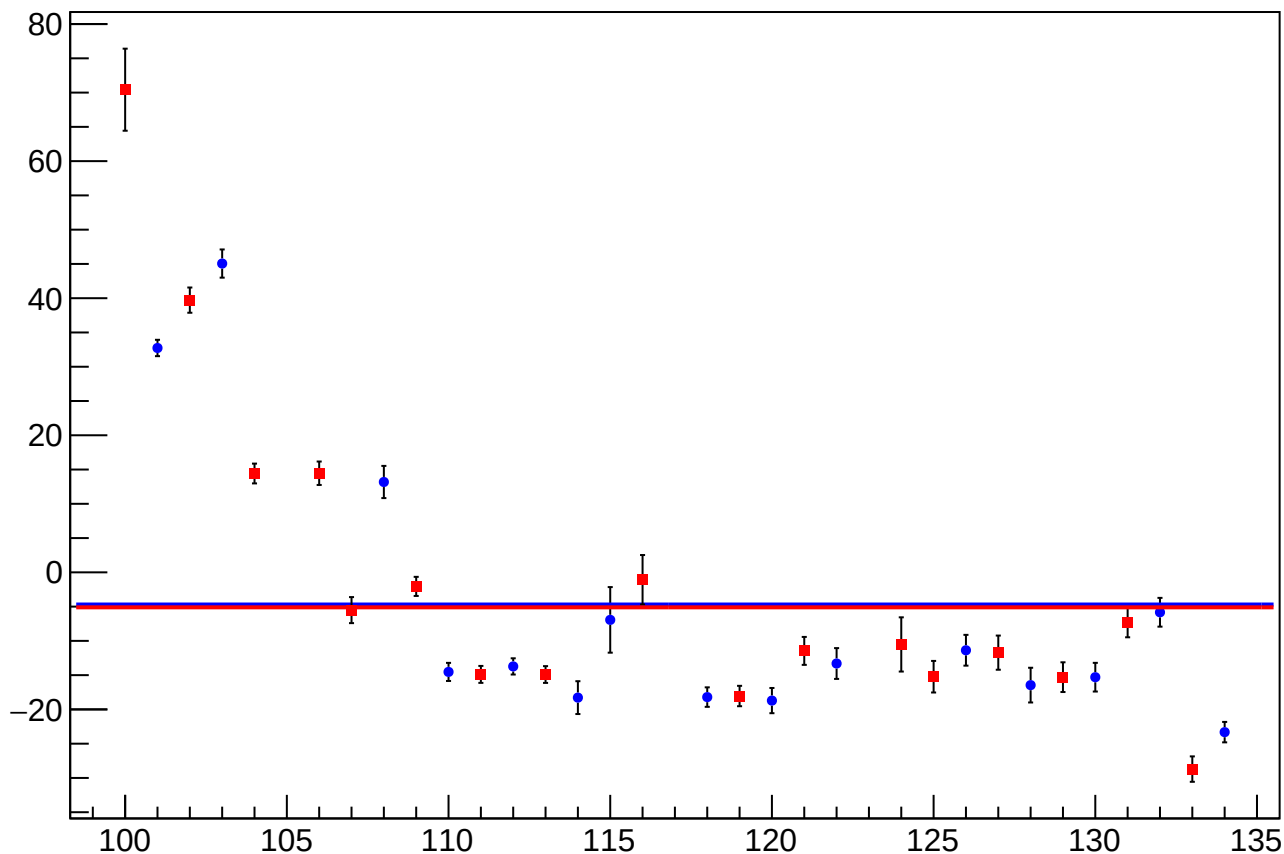
Right: -1.389+/-0.262 χ^2/NDF : 2864.9/31

In: -2.365+/-0.397 χ^2/NDF :1442.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.389+/-0.262 χ^2/NDF : 2864.9/31

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.696+/-0.453 χ^2/NDF : 2147.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.107+/-0.440 χ^2/NDF : 1497.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

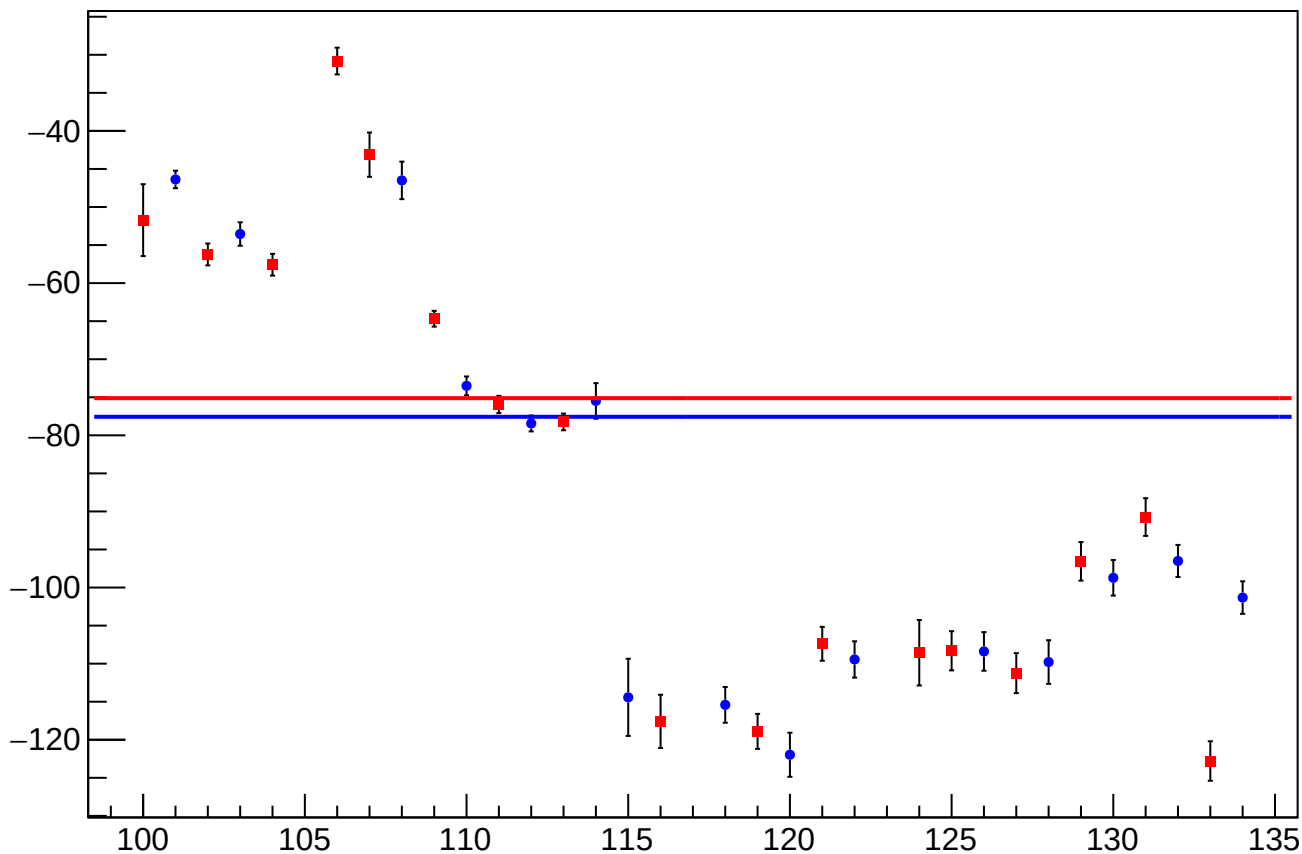
Right: -4.907+/-0.316 χ^2/NDF : 3645.7/31

In: -4.696+/-0.453 χ^2/NDF : 2147.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.907+/-0.316 χ^2/NDF : 3645.7/31

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.565 ± 0.470 χ^2/NDF : 2441.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.115 ± 0.435 χ^2/NDF : 2797.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

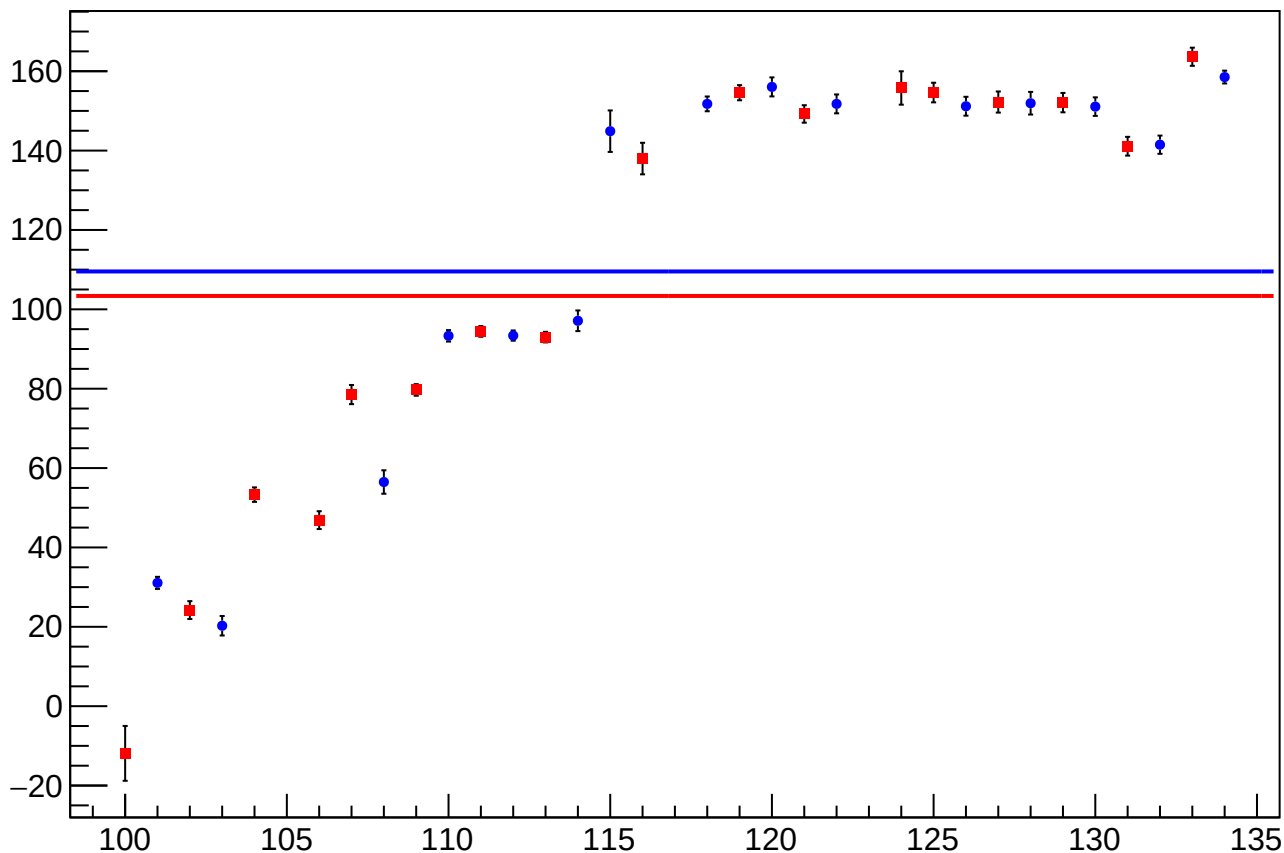
Right: -76.245 ± 0.319 χ^2/NDF : 5253.0/31

In: -77.565 ± 0.470 χ^2/NDF : 2441.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.245 ± 0.319 χ^2/NDF : 5253.0/31

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 109.545 $\pm$ 0.522 χ^2 /NDF: 7816.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.371 $\pm$ 0.506 χ^2 /NDF: 6874.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

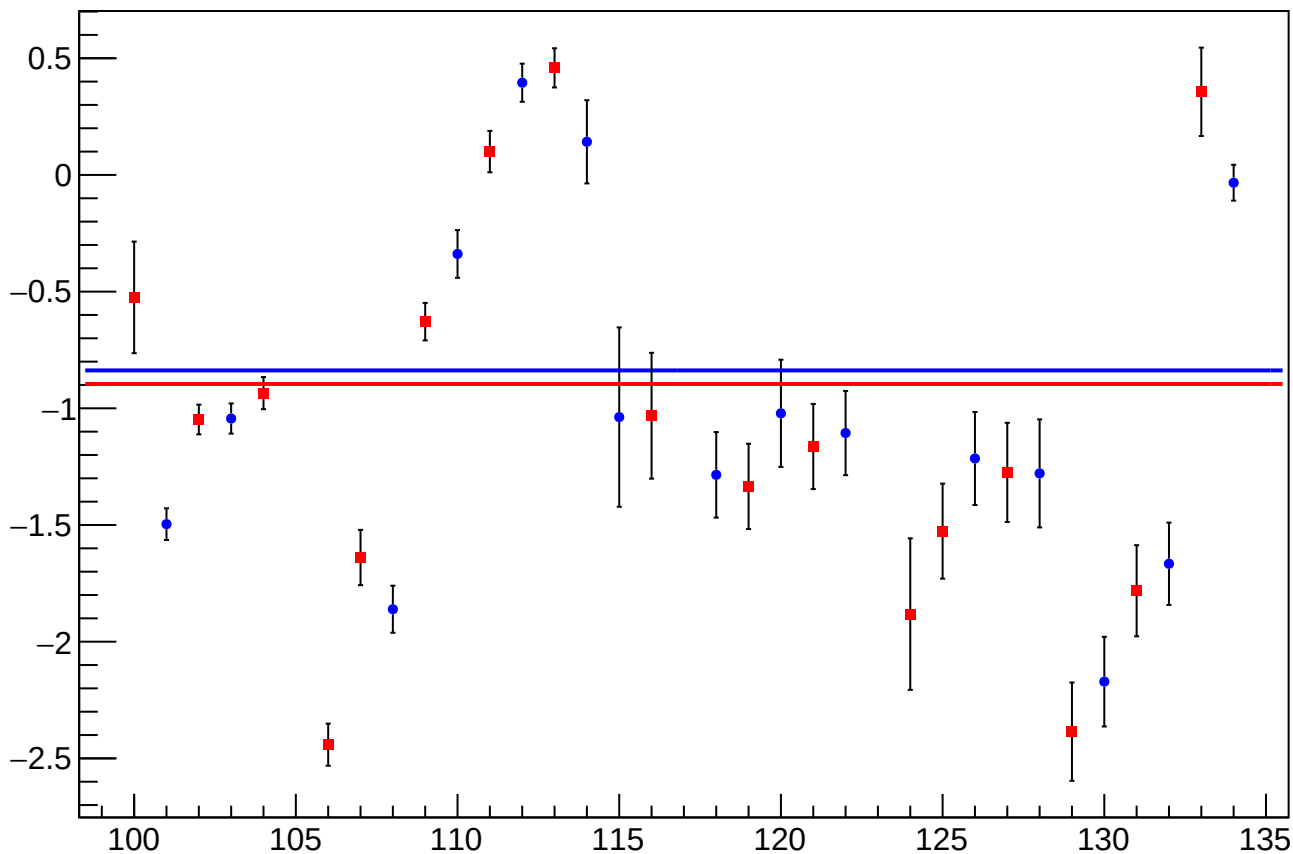
Right: 106.359 $\pm$ 0.363 χ^2 /NDF: 14763.7/31

In: 109.545 $\pm$ 0.522 χ^2 /NDF:7816.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.359 $\pm$ 0.363 χ^2 /NDF: 14763.7/31

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.838 ± 0.029 χ^2/NDF : 685.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.896 ± 0.028 χ^2/NDF : 882.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

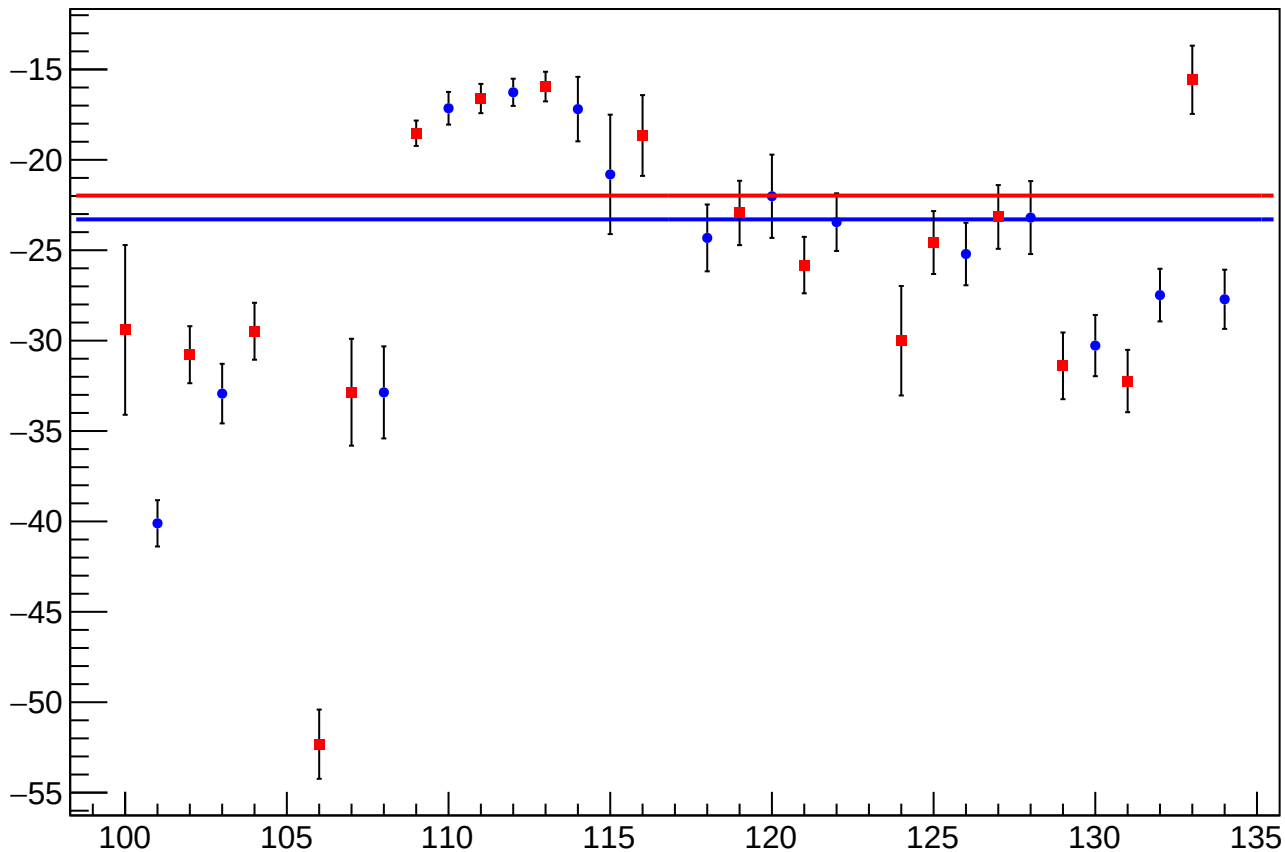
Right: -0.868 ± 0.020 χ^2/NDF : 1570.1/31

In: -0.838 ± 0.029 χ^2/NDF : 685.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.868 ± 0.020 χ^2/NDF : 1570.1/31

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.294 ± 0.373 $\chi^2/\text{NDF}: 401.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.977 ± 0.335 $\chi^2/\text{NDF}: 534.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

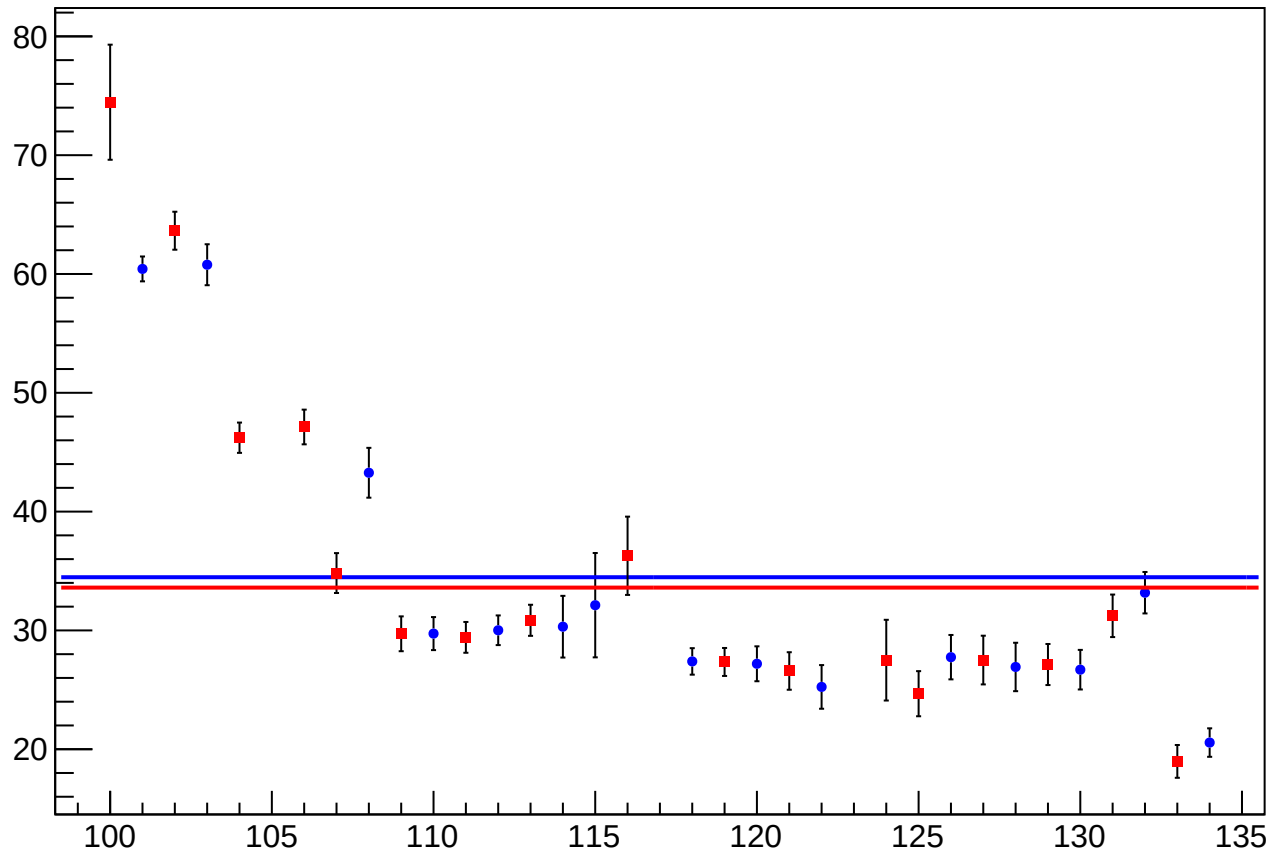
Right: -22.565 ± 0.250 $\chi^2/\text{NDF}: 942.6/31$

In: -23.294 ± 0.373 $\chi^2/\text{NDF}: 401.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.565 ± 0.250 $\chi^2/\text{NDF}: 942.6/31$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.477+/-0.398 χ^2/NDF : 1166.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.604+/-0.392 χ^2/NDF : 841.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

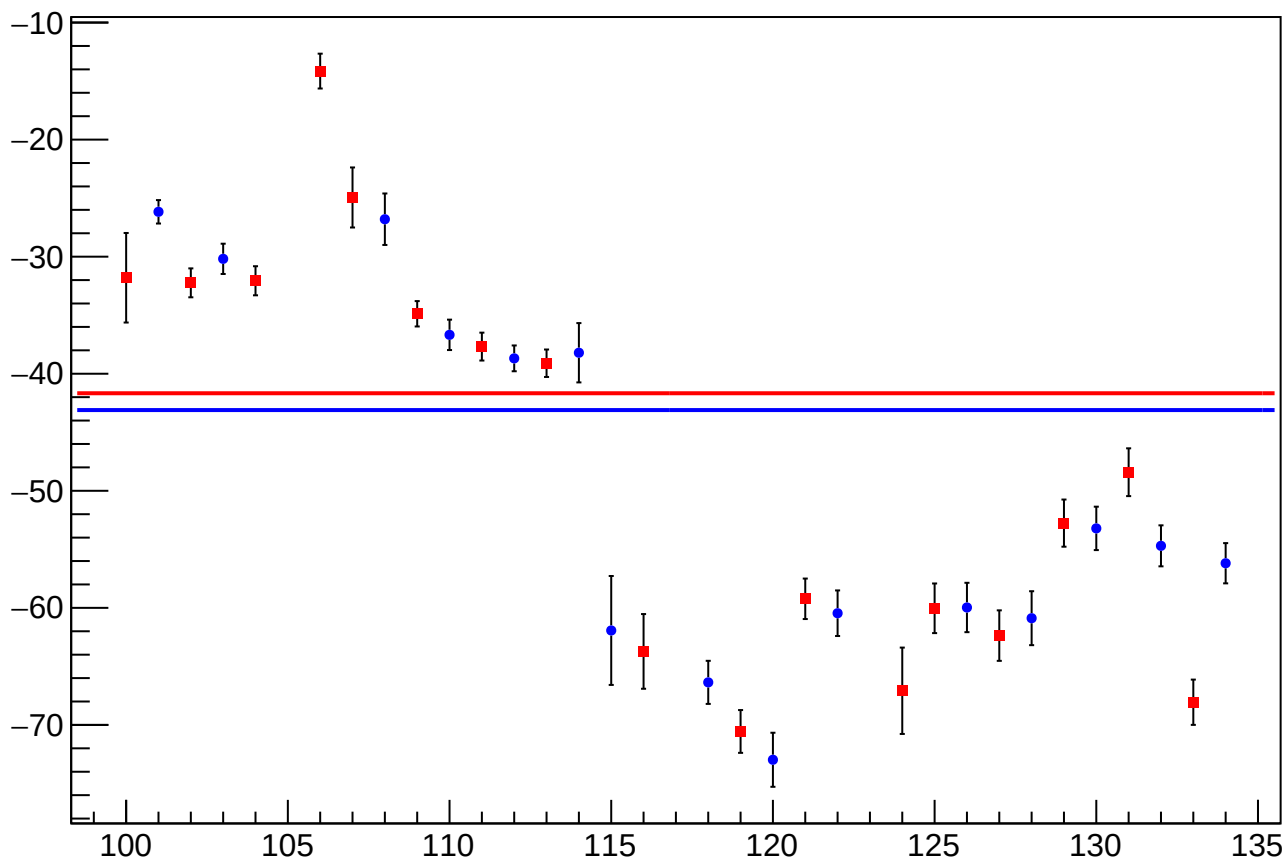
Right: 34.034+/-0.279 χ^2/NDF : 2009.9/31

In: 34.477+/-0.398 χ^2/NDF : 1166.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.034+/-0.279 χ^2/NDF : 2009.9/31

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.104 $\pm$ 0.425 χ^2 /NDF: 1163.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.667 $\pm$ 0.400 χ^2 /NDF: 1407.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

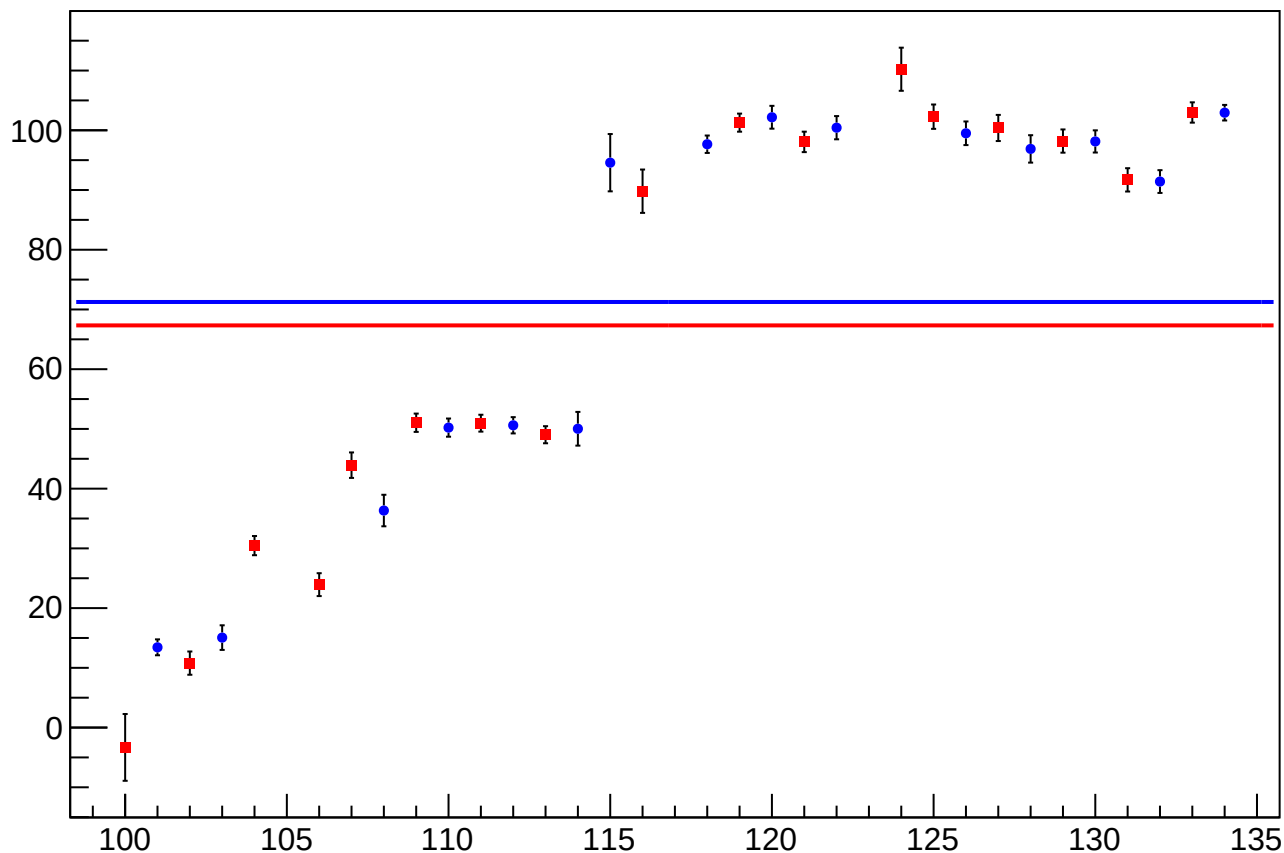
Right: -42.342 $\pm$ 0.291 χ^2 /NDF: 2577.0/31

In: -43.104 $\pm$ 0.425 χ^2 /NDF:1163.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.342 $\pm$ 0.291 χ^2 /NDF: 2577.0/31

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.253 ± 0.462 $\chi^2/\text{NDF}: 5359.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 67.332 ± 0.454 $\chi^2/\text{NDF}: 4948.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

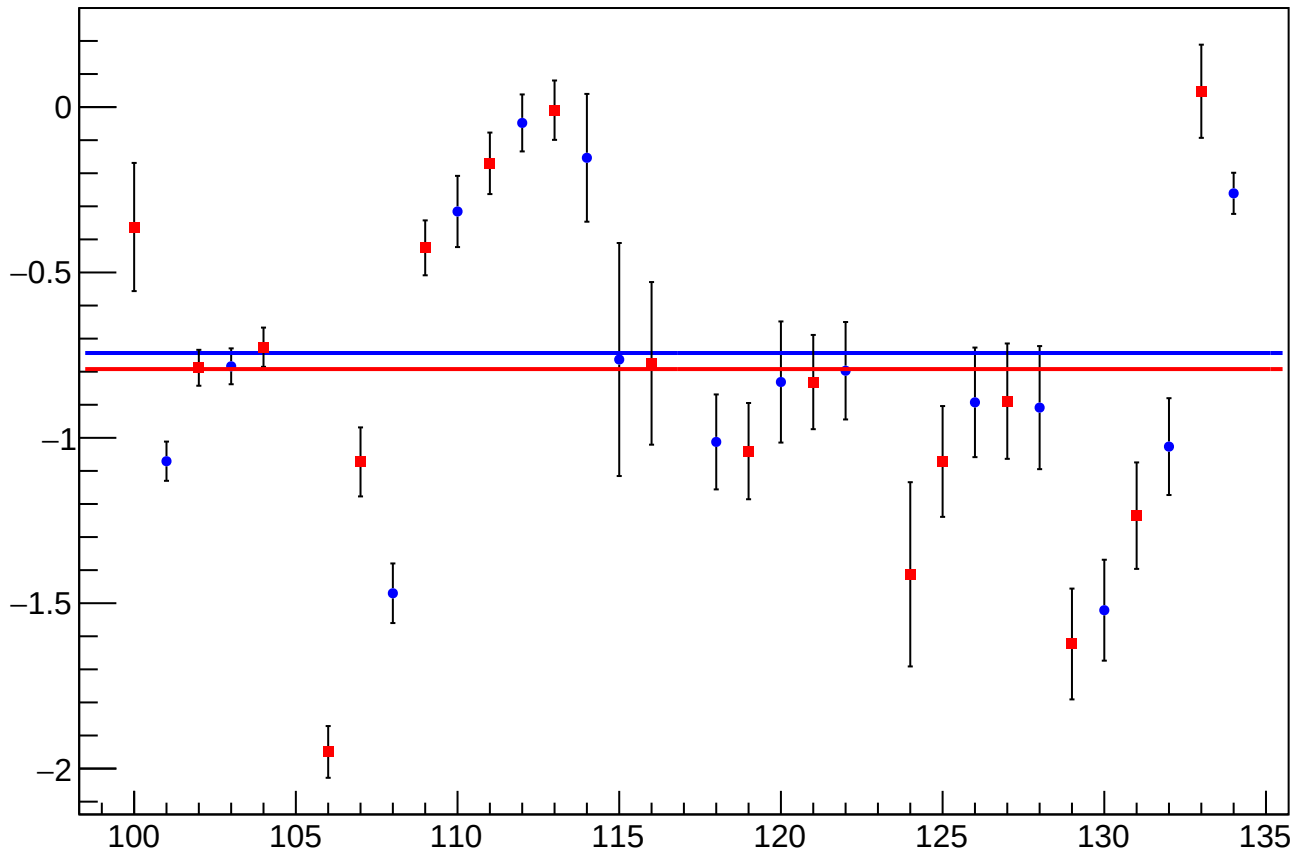
Right: 69.261 ± 0.324 $\chi^2/\text{NDF}: 10344.7/31$

In: 71.253 ± 0.462 $\chi^2/\text{NDF}: 5359.1/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 69.261 ± 0.324 $\chi^2/\text{NDF}: 10344.7/31$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.743 ± 0.025 χ^2/NDF : 281.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.792 ± 0.025 χ^2/NDF : 451.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

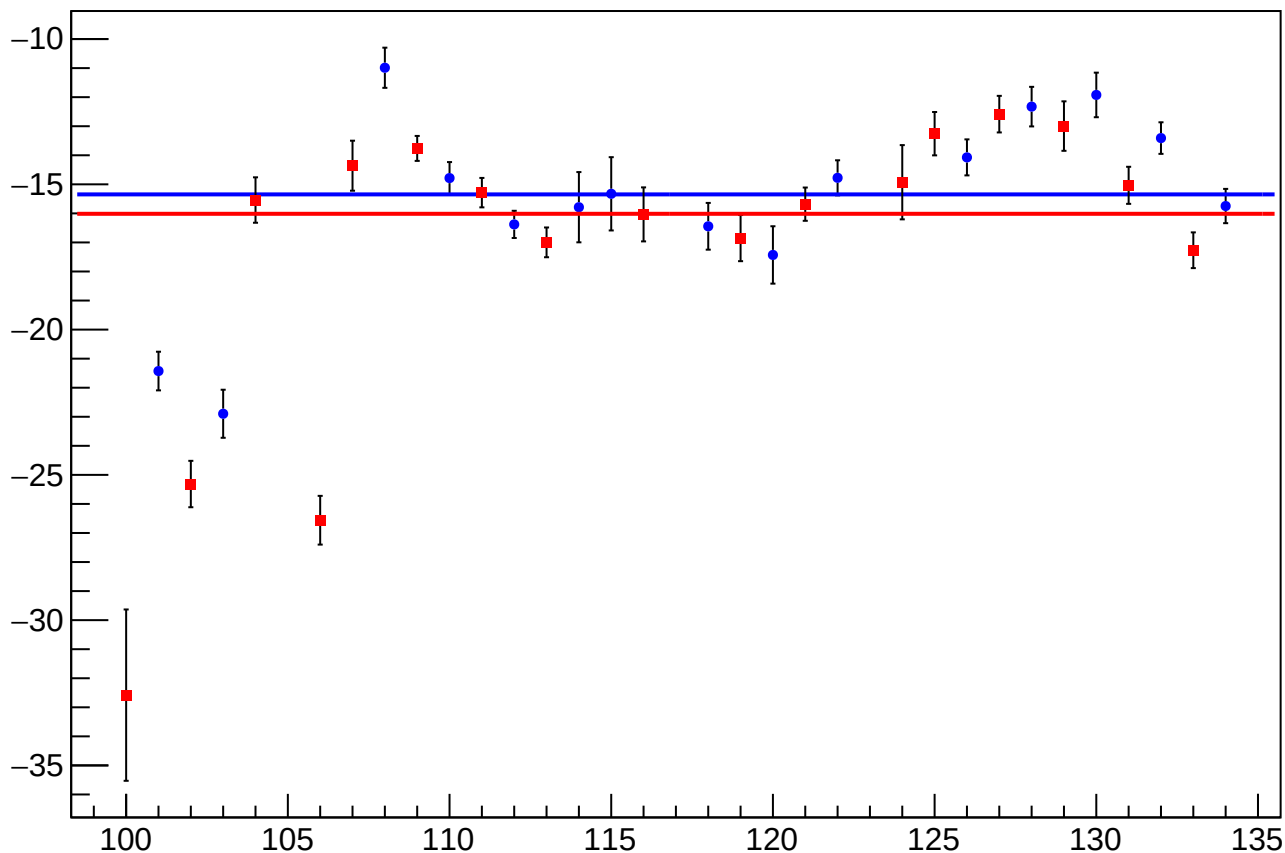
Right: -0.768 ± 0.018 χ^2/NDF : 735.1/31

In: -0.743 ± 0.025 χ^2/NDF : 281.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.768 ± 0.018 χ^2/NDF : 735.1/31

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.346 $\pm$ 0.174 χ^2 /NDF: 276.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.014 $\pm$ 0.166 χ^2 /NDF: 427.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

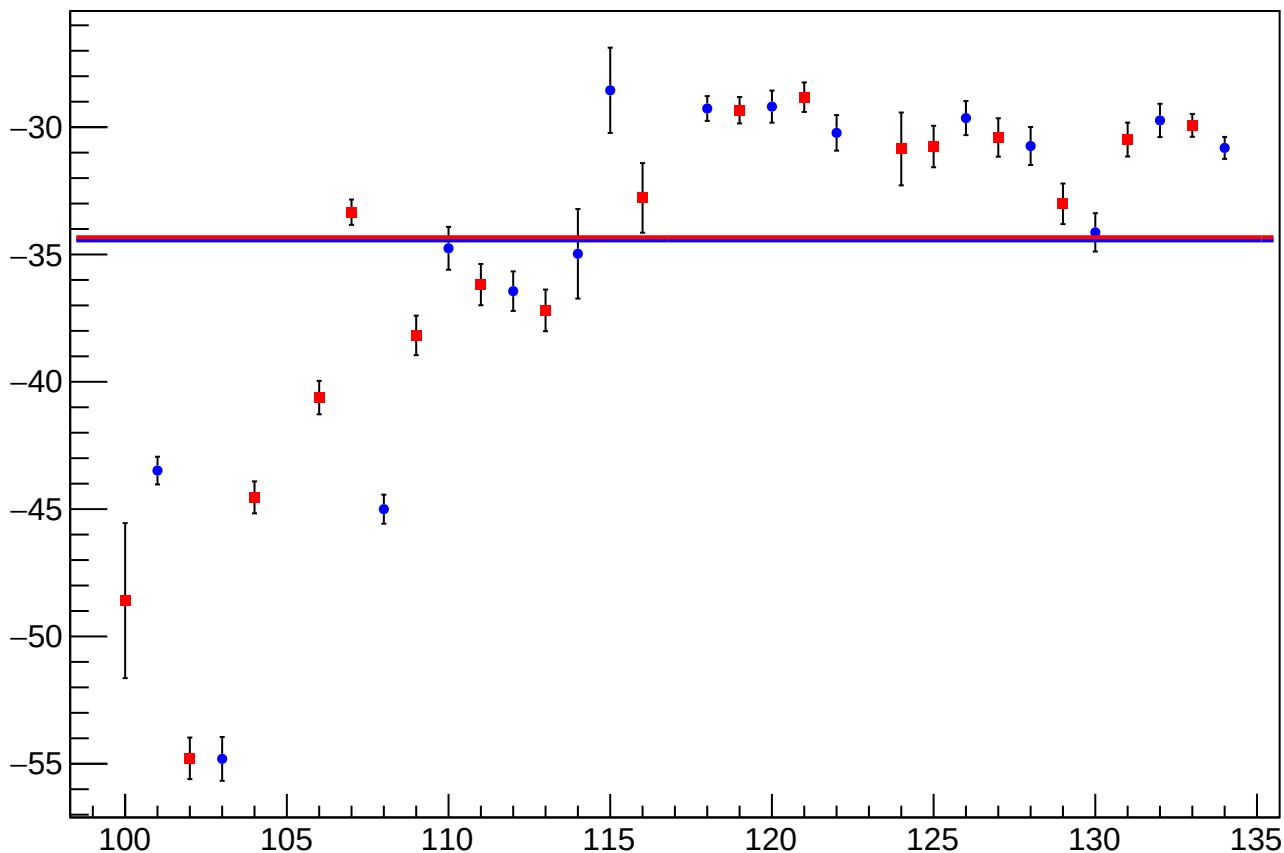
Right: -15.697 $\pm$ 0.120 χ^2 /NDF: 711.9/31

In: -15.346 $\pm$ 0.174 χ^2 /NDF:276.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.697 $\pm$ 0.120 χ^2 /NDF: 711.9/31

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.447 $\pm$ 0.172 χ^2 /NDF: 1617.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.322 $\pm$ 0.169 χ^2 /NDF: 1421.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

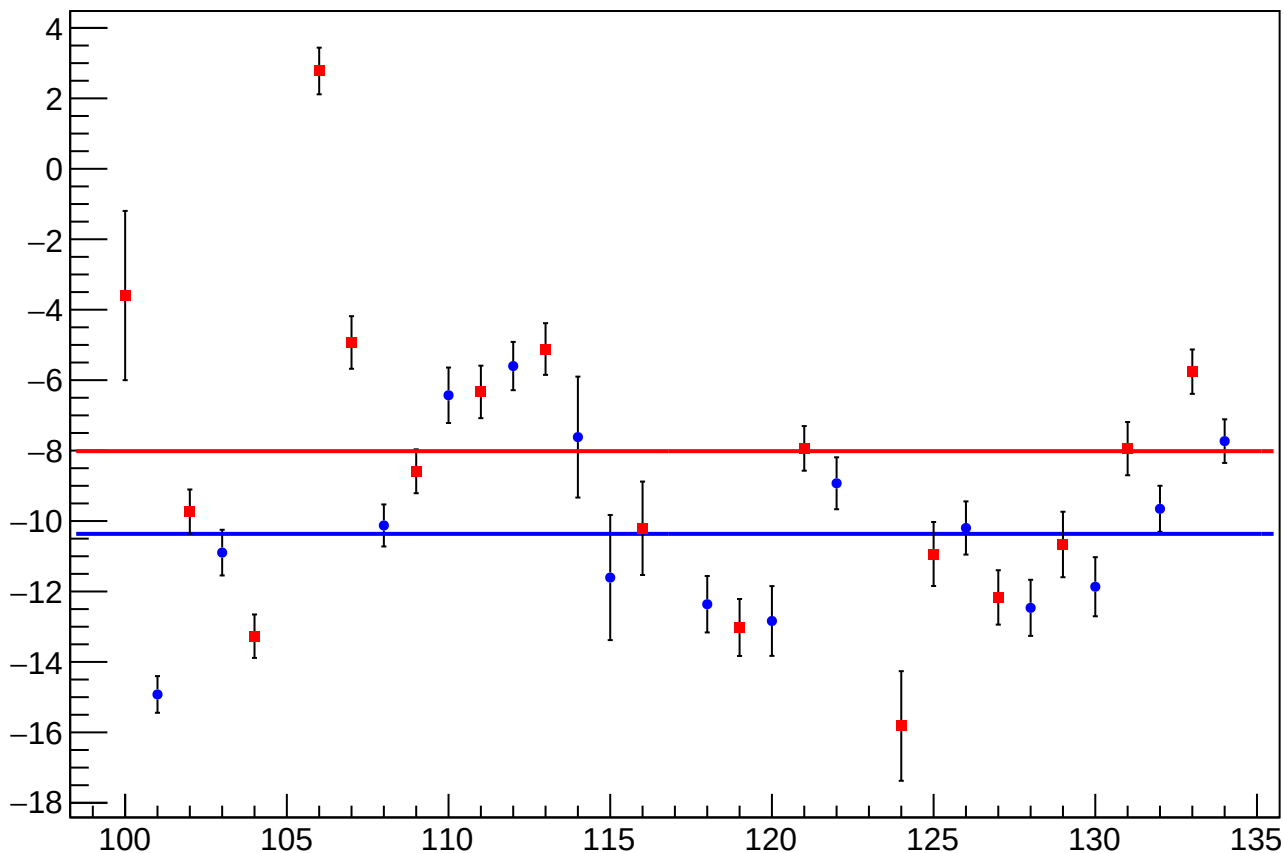
Right: -34.384 $\pm$ 0.120 χ^2 /NDF: 3039.7/31

In: -34.447 $\pm$ 0.172 χ^2 /NDF:1617.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.384 $\pm$ 0.120 χ^2 /NDF: 3039.7/31

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.364 $\pm$ 0.191 χ^2 /NDF: 199.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.016 $\pm$ 0.186 χ^2 /NDF: 514.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

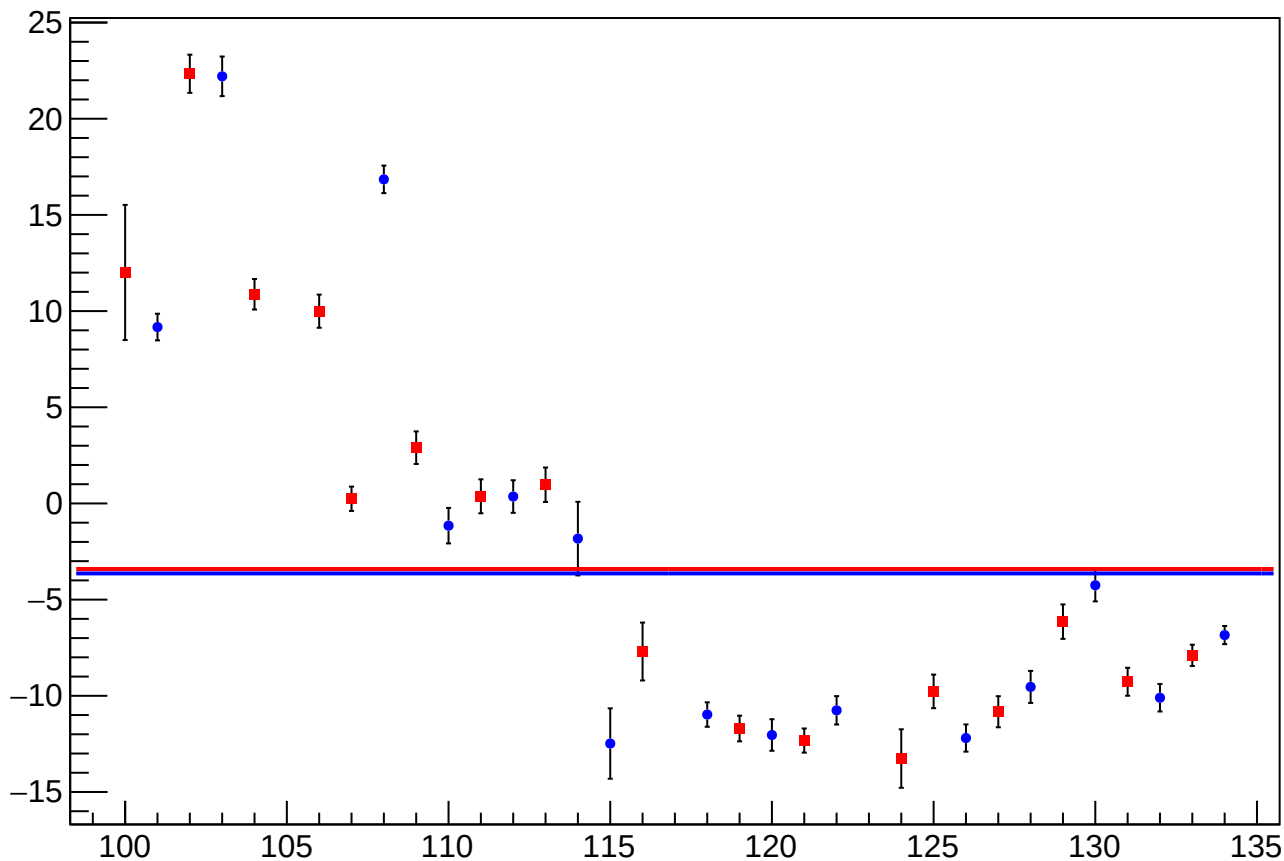
Right: -9.157 $\pm$ 0.133 χ^2 /NDF: 791.5/31

In: -10.364 $\pm$ 0.191 χ^2 /NDF:199.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.157 $\pm$ 0.133 χ^2 /NDF: 791.5/31

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.638+/-0.199 χ^2/NDF : 2497.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.407+/-0.198 χ^2/NDF : 2075.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

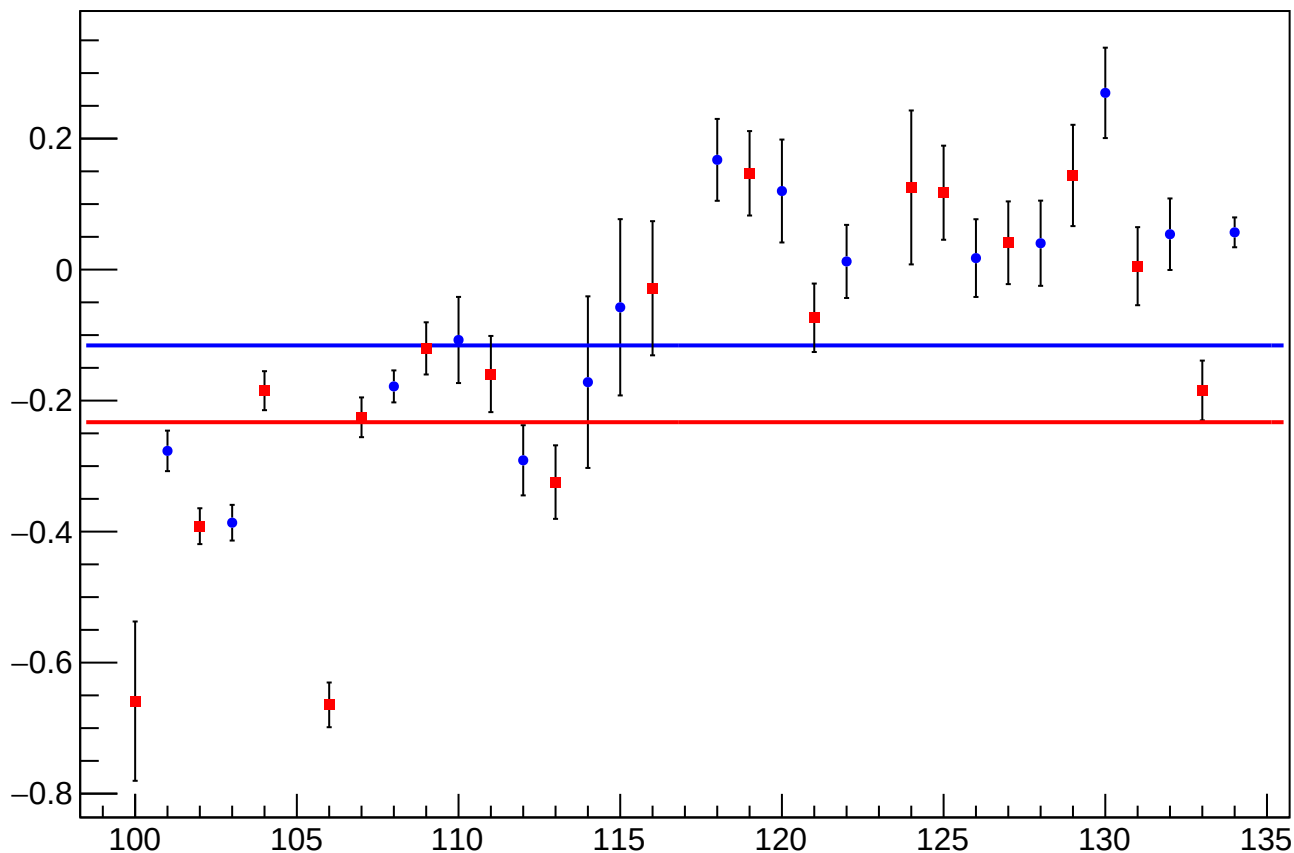
Right: -3.522+/-0.141 χ^2/NDF : 4573.4/31

In: -3.638+/-0.199 χ^2/NDF :2497.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.522+/-0.141 χ^2/NDF : 4573.4/31

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.116 ± 0.011 χ^2/NDF : 287.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.233 ± 0.011 χ^2/NDF : 361.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

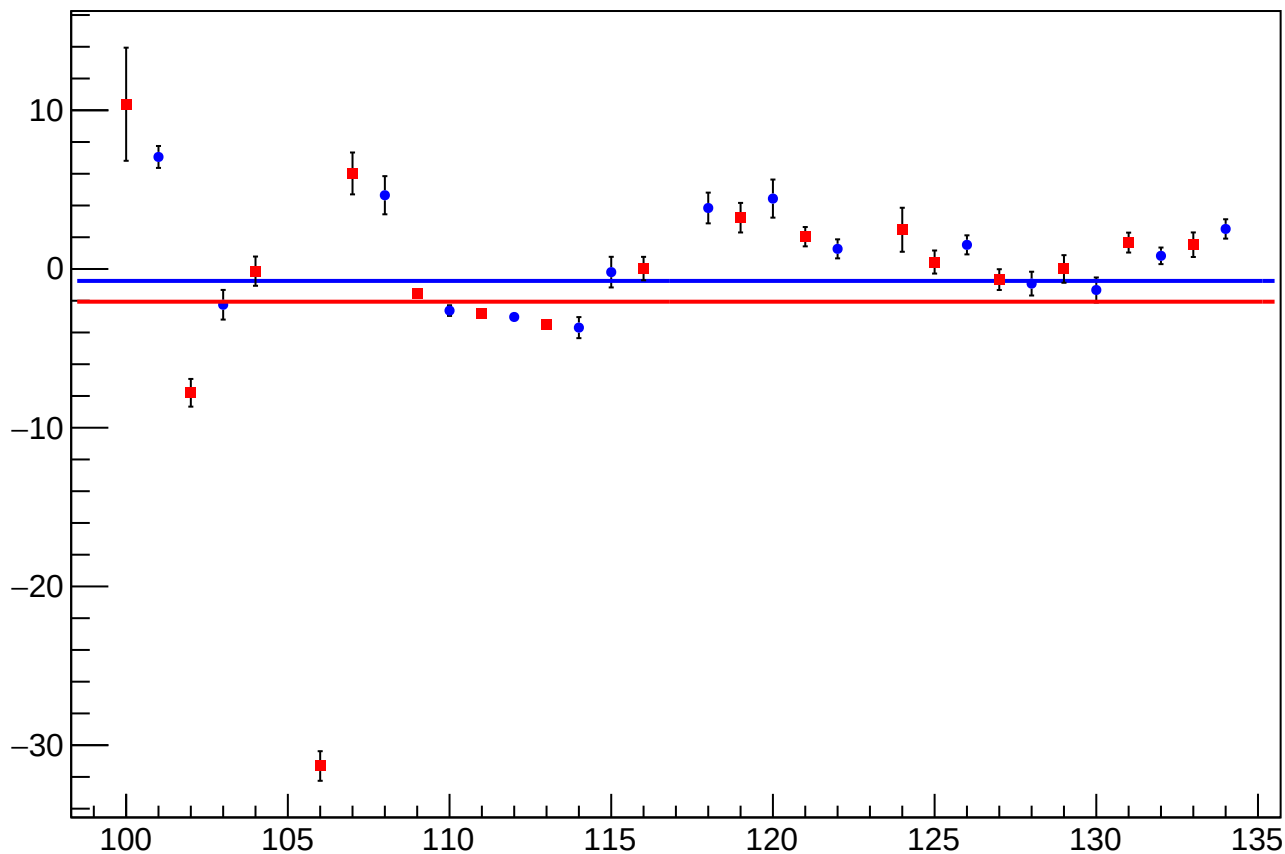
Right: -0.172 ± 0.008 χ^2/NDF : 705.0/31

In: -0.116 ± 0.011 χ^2/NDF : 287.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.172 ± 0.008 χ^2/NDF : 705.0/31

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.751 ± 0.147 χ^2/NDF : 373.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.061 ± 0.134 χ^2/NDF : 1288.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

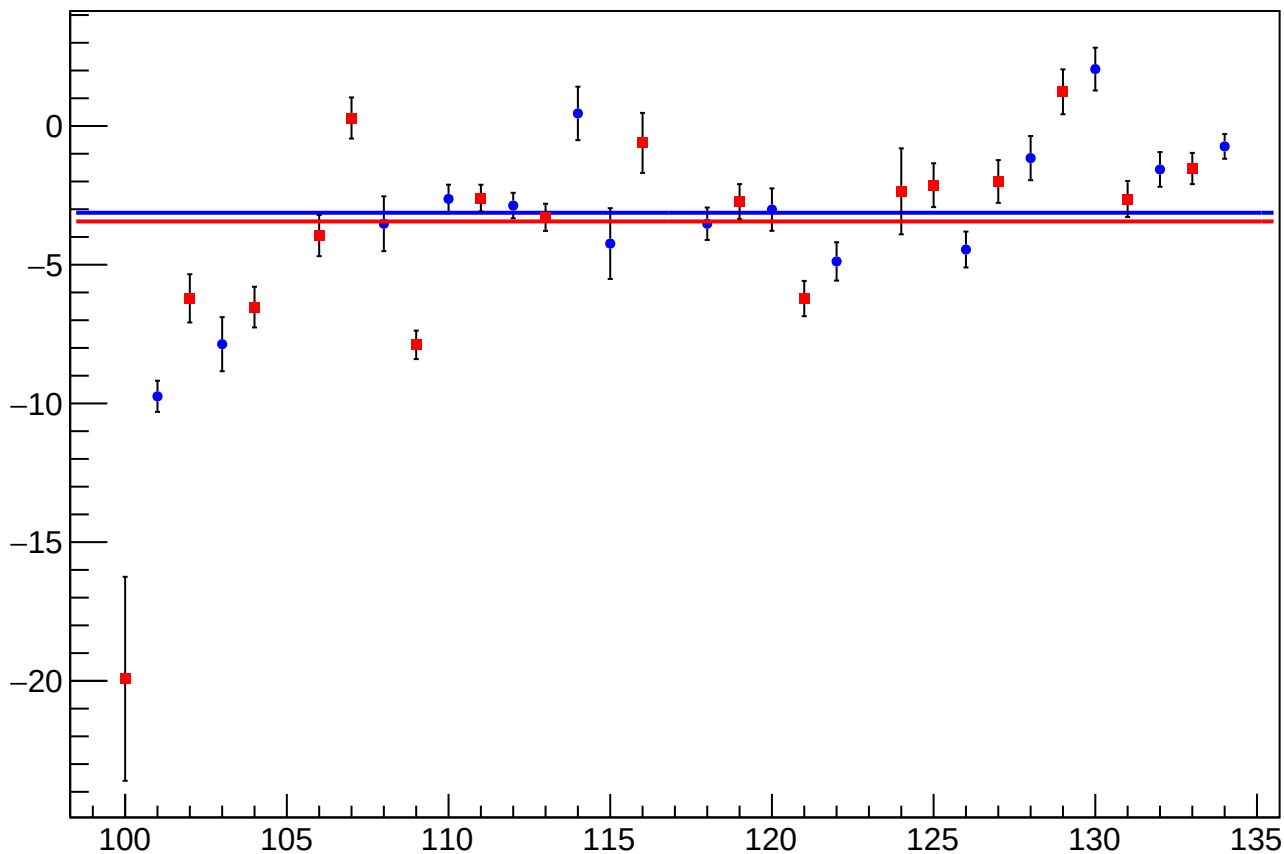
Right: -1.467 ± 0.099 χ^2/NDF : 1705.5/31

In: -0.751 ± 0.147 χ^2/NDF : 373.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.467 ± 0.099 χ^2/NDF : 1705.5/31

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.127 $\pm$ 0.168 χ^2 /NDF: 275.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.440 $\pm$ 0.167 χ^2 /NDF: 232.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

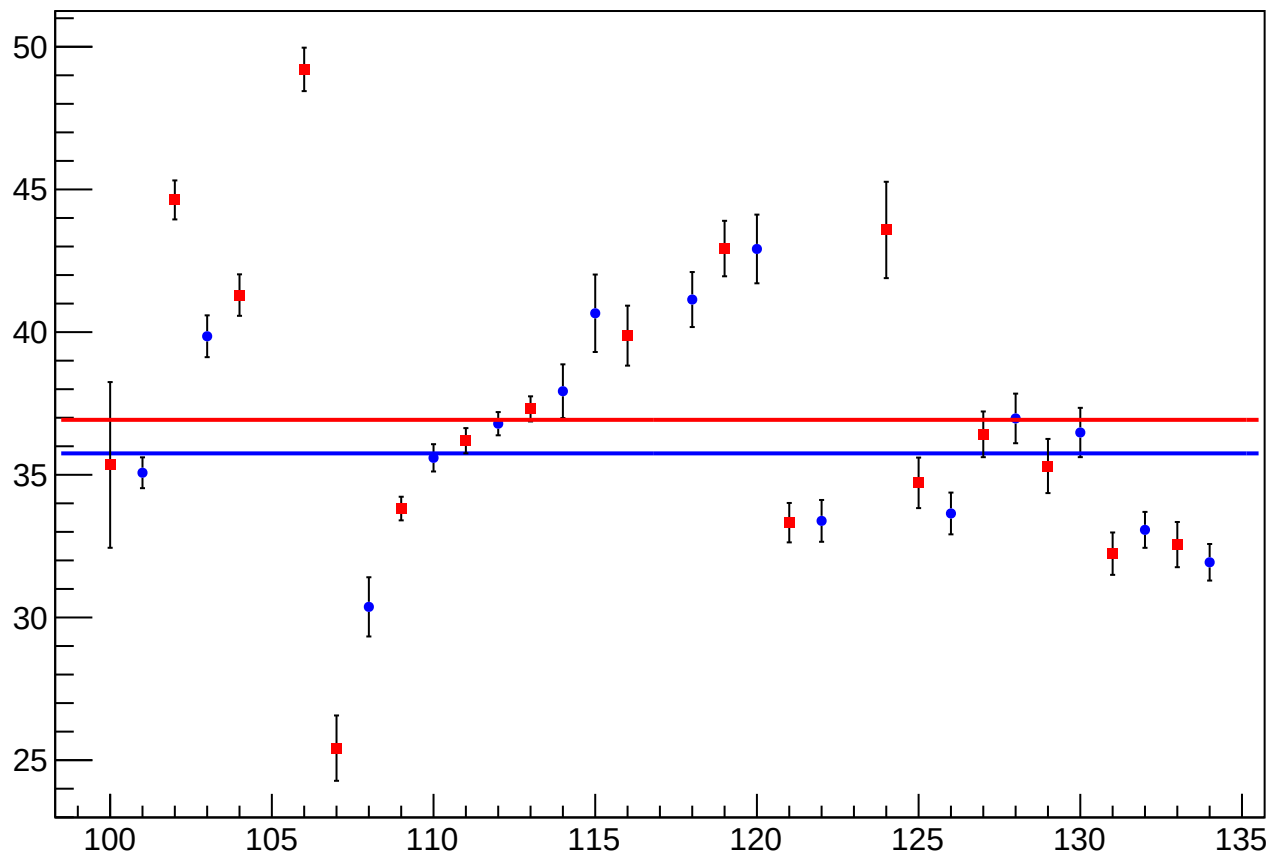
Right: -3.284 $\pm$ 0.118 χ^2 /NDF: 509.6/31

In: -3.127 $\pm$ 0.168 χ^2 /NDF:275.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.284 $\pm$ 0.118 χ^2 /NDF: 509.6/31

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.751+/-0.178 χ^2 /NDF: 226.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 36.926+/-0.170 χ^2 /NDF: 753.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

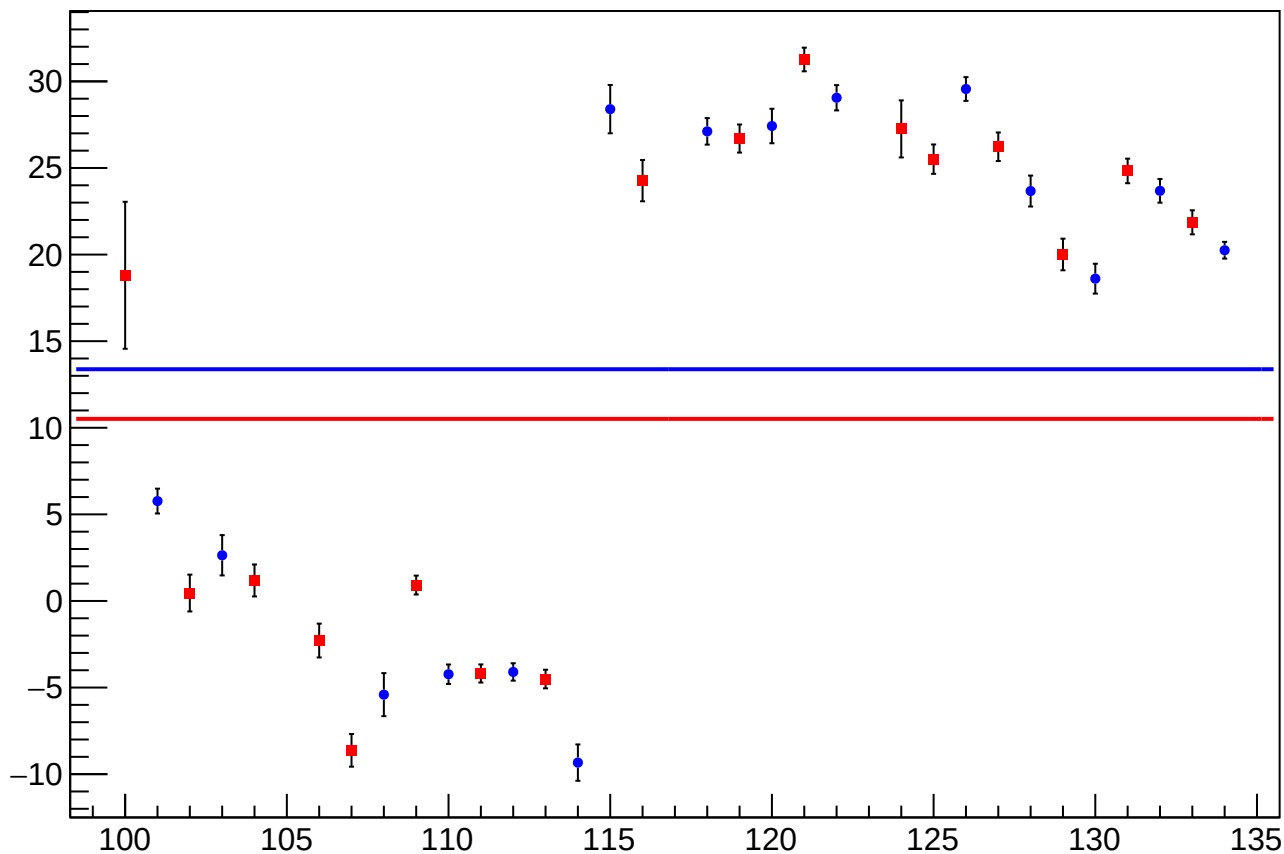
Right: 36.366+/-0.123 χ^2 /NDF: 1002.8/31

In: 35.751+/-0.178 χ^2 /NDF:226.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 36.366+/-0.123 χ^2 /NDF: 1002.8/31

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.380+/-0.190 χ^2/NDF : 5342.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.513+/-0.190 χ^2/NDF : 5679.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

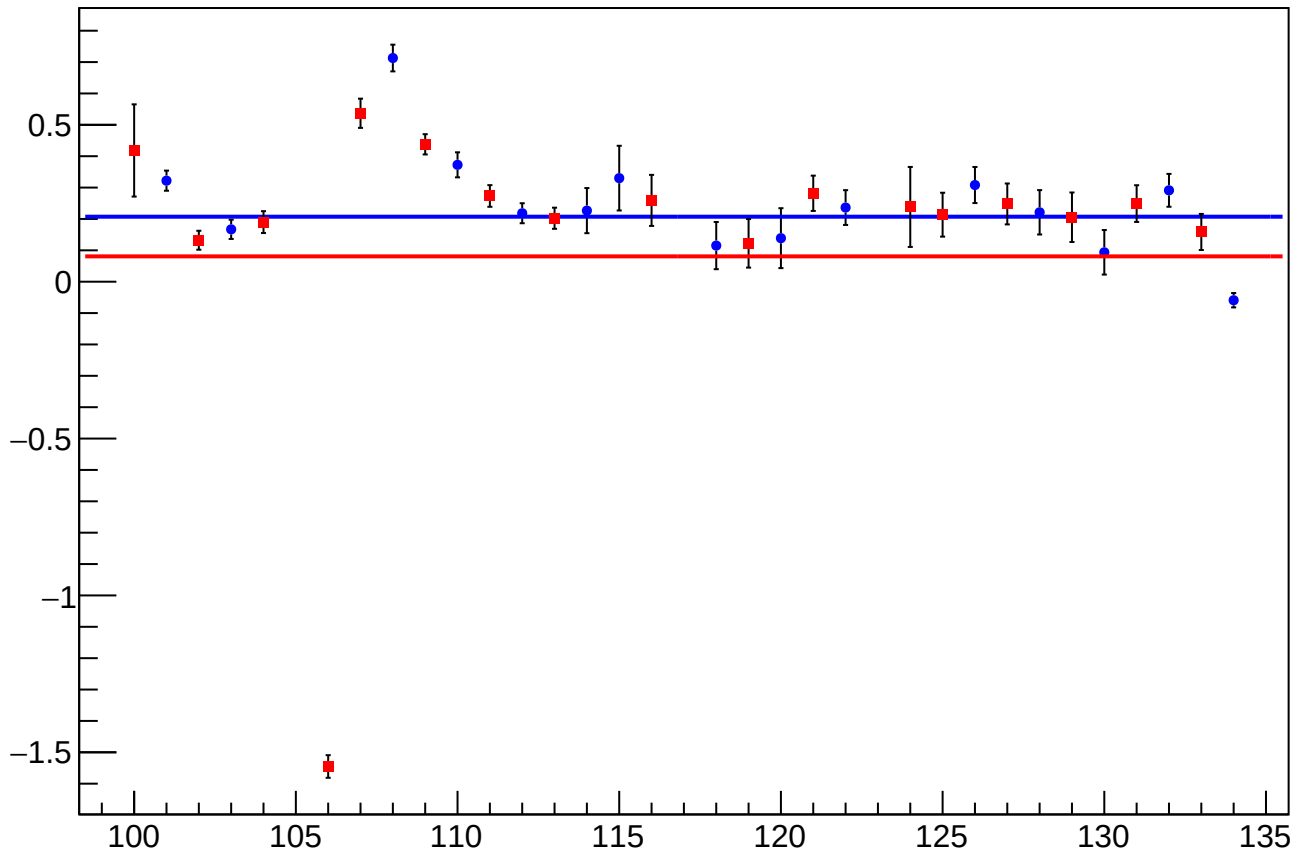
Right: 11.947+/-0.135 χ^2/NDF : 11135.1/31

In: 13.380+/-0.190 χ^2/NDF : 5342.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.947+/-0.135 χ^2/NDF : 11135.1/31

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.011 χ^2/NDF : 319.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.081 $\pm$ 0.011 χ^2/NDF : 2354.7/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

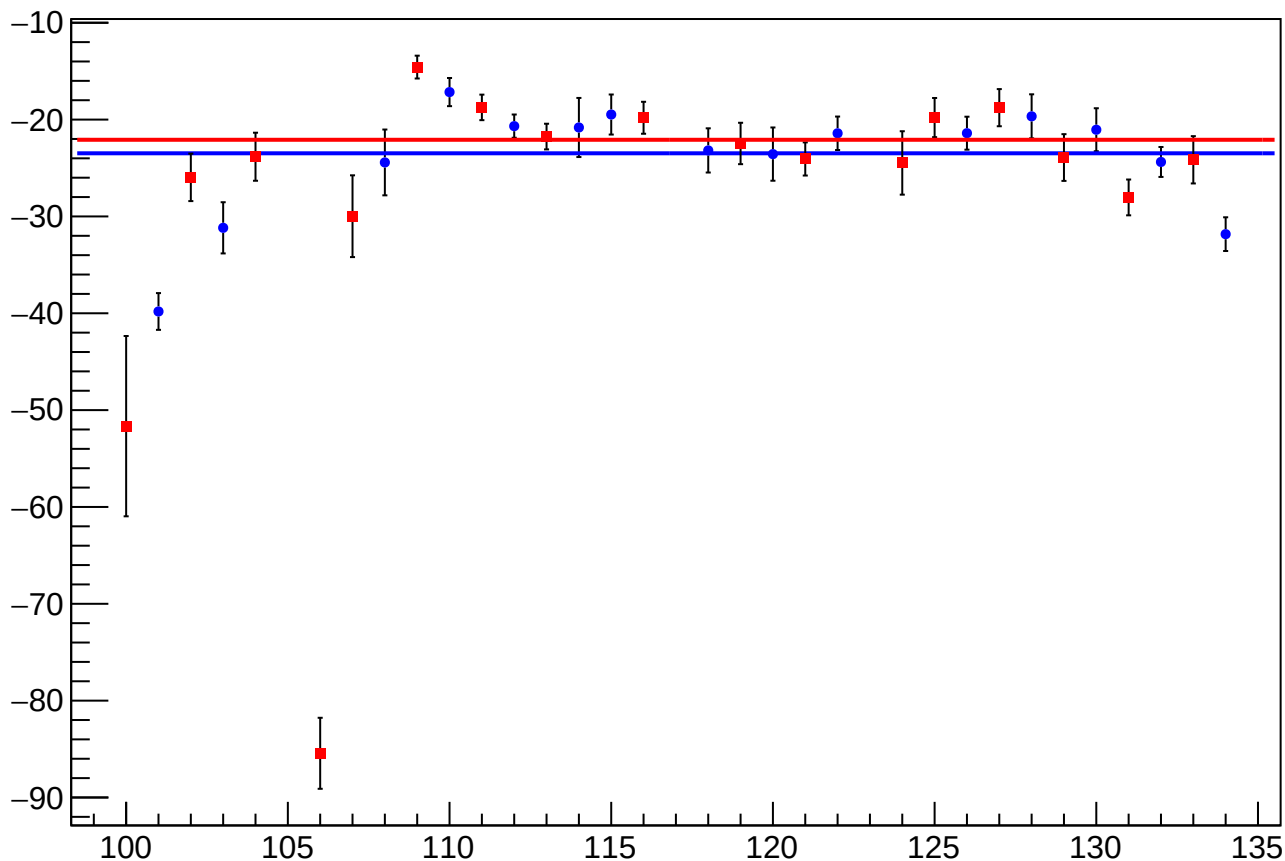
Right: 0.145 $\pm$ 0.008 χ^2/NDF : 2737.4/31

In: 0.207 $\pm$ 0.011 χ^2/NDF : 319.5/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.145 $\pm$ 0.008 χ^2/NDF : 2737.4/31

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.480 $\pm$ 0.490 χ^2 /NDF: 141.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.085 $\pm$ 0.471 χ^2 /NDF: 382.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

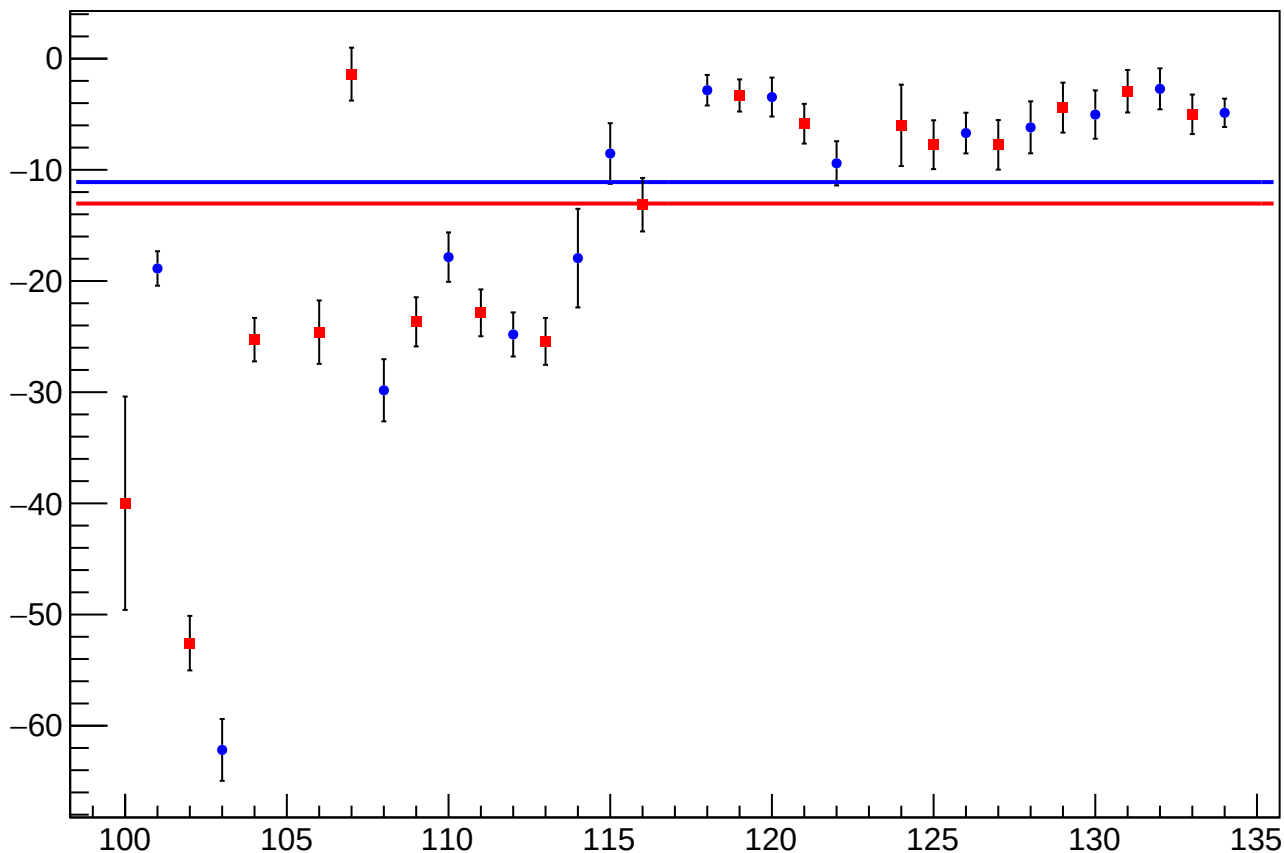
Right: -22.755 $\pm$ 0.340 χ^2 /NDF: 527.9/31

In: -23.480 $\pm$ 0.490 χ^2 /NDF:141.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.755 $\pm$ 0.340 χ^2 /NDF: 527.9/31

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.103+/-0.498 χ^2/NDF : 586.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -13.035+/-0.525 χ^2/NDF : 566.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

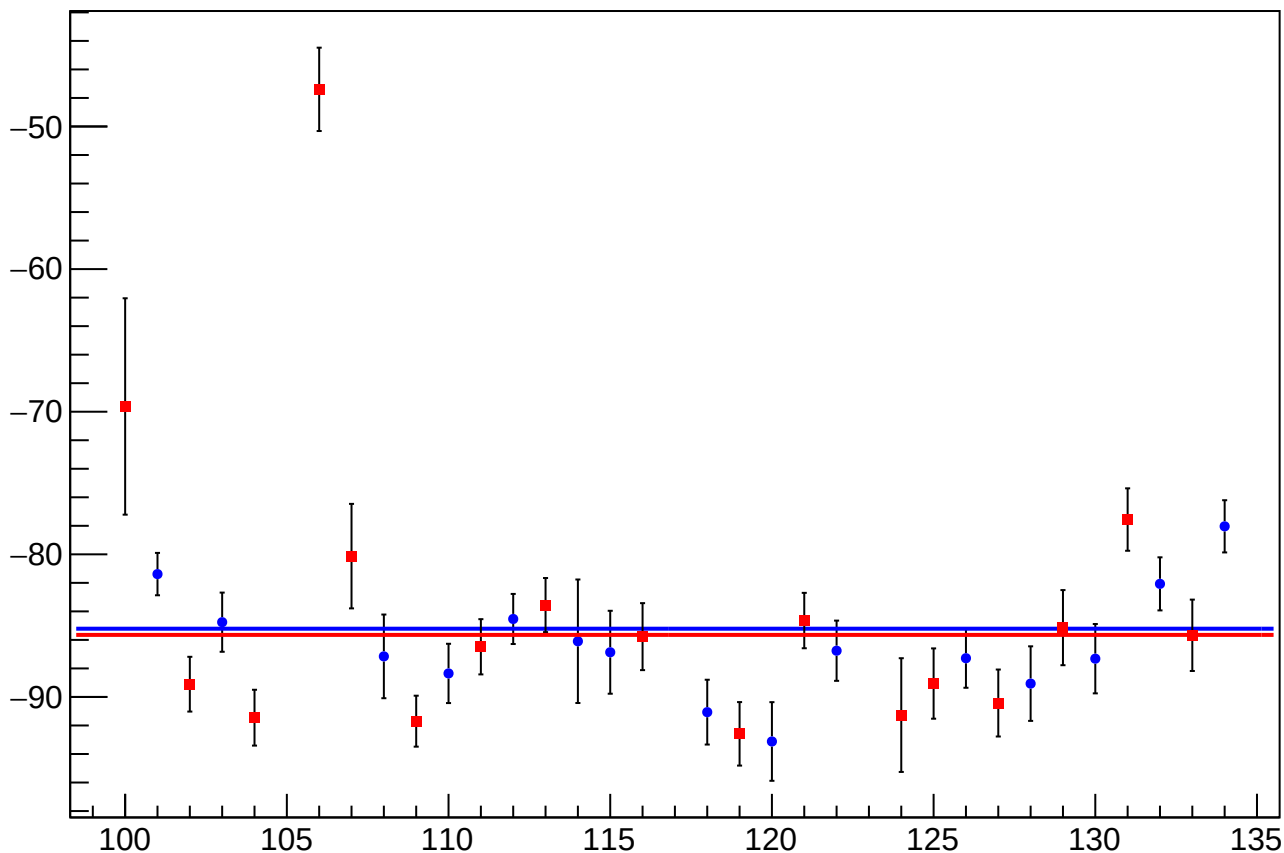
Right: -12.019+/-0.361 χ^2/NDF : 1160.4/31

In: -11.103+/-0.498 χ^2/NDF :586.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.019+/-0.361 χ^2/NDF : 1160.4/31

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.214 $\pm$ 0.558 χ^2 /NDF: 47.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.649 $\pm$ 0.562 χ^2 /NDF: 234.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

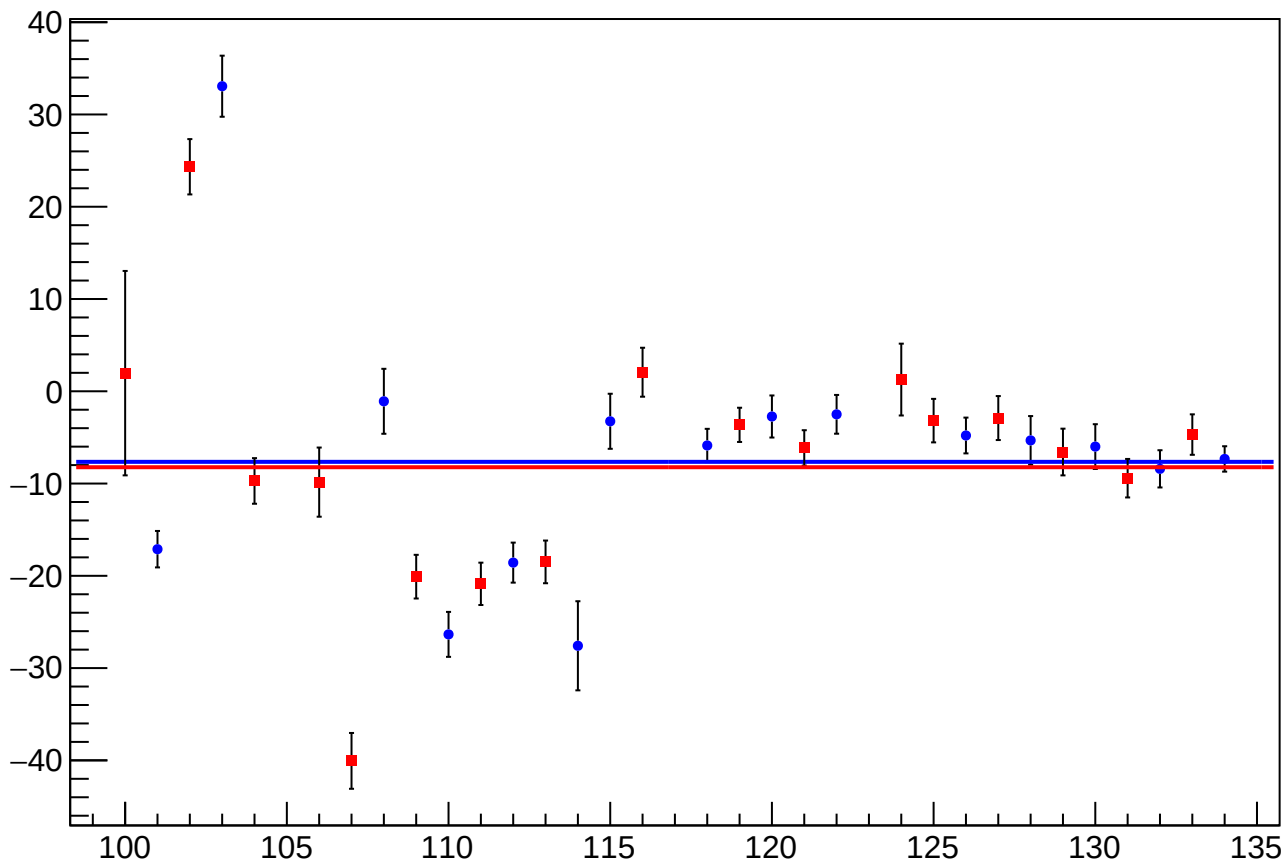
Right: -85.430 $\pm$ 0.396 χ^2 /NDF: 282.5/31

In: -85.214 $\pm$ 0.558 χ^2 /NDF:47.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.430 $\pm$ 0.396 χ^2 /NDF: 282.5/31

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.648+/-0.573 χ^2 /NDF: 296.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.232+/-0.604 χ^2 /NDF: 346.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

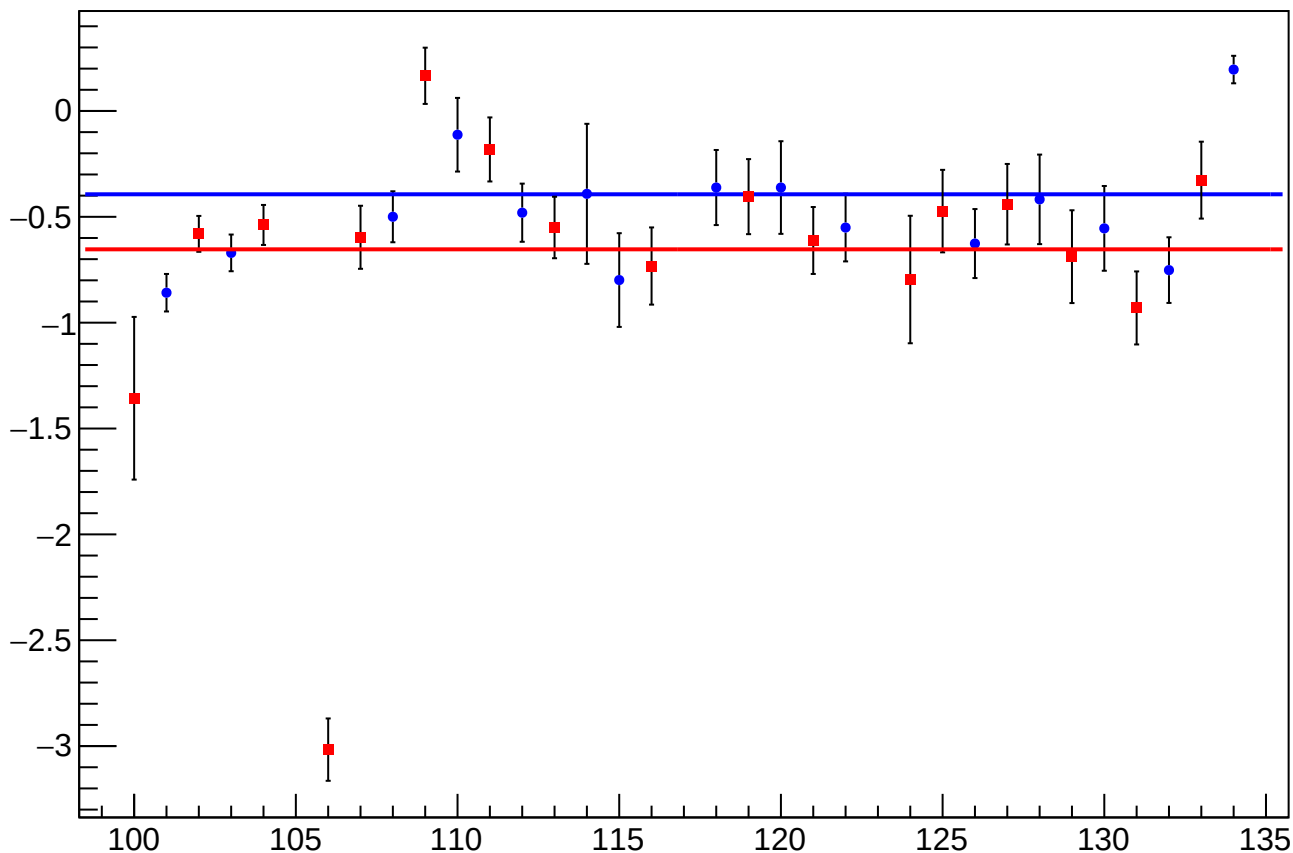
Right: -7.924+/-0.416 χ^2 /NDF: 643.3/31

In: -7.648+/-0.573 χ^2 /NDF:296.4/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.924+/-0.416 χ^2 /NDF: 643.3/31

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.394 ± 0.033 χ^2/NDF : 136.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.654 ± 0.037 χ^2/NDF : 322.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

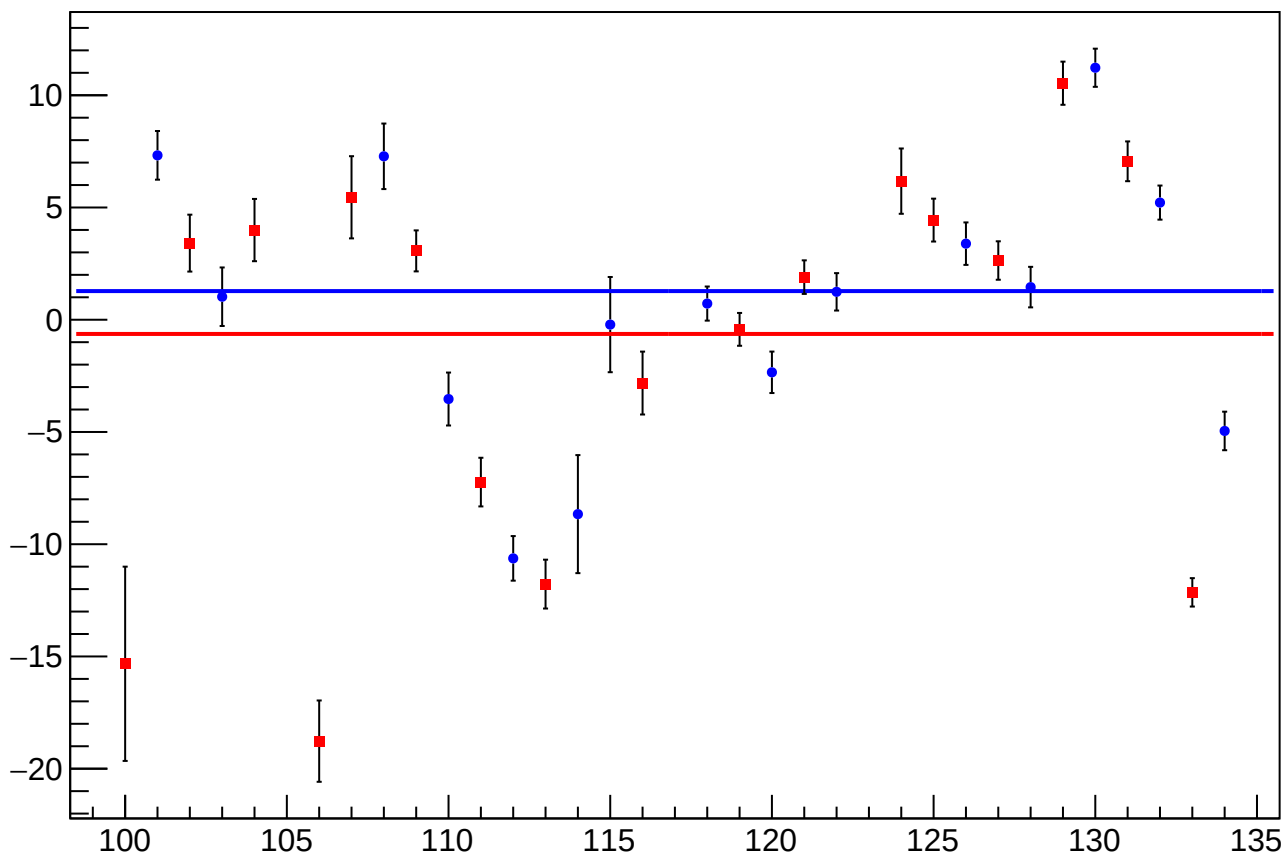
Right: -0.512 ± 0.025 χ^2/NDF : 485.9/31

In: -0.394 ± 0.033 χ^2/NDF : 136.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.512 ± 0.025 χ^2/NDF : 485.9/31

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.276+/-0.257 χ^2/NDF : 460.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.633+/-0.245 χ^2/NDF : 922.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

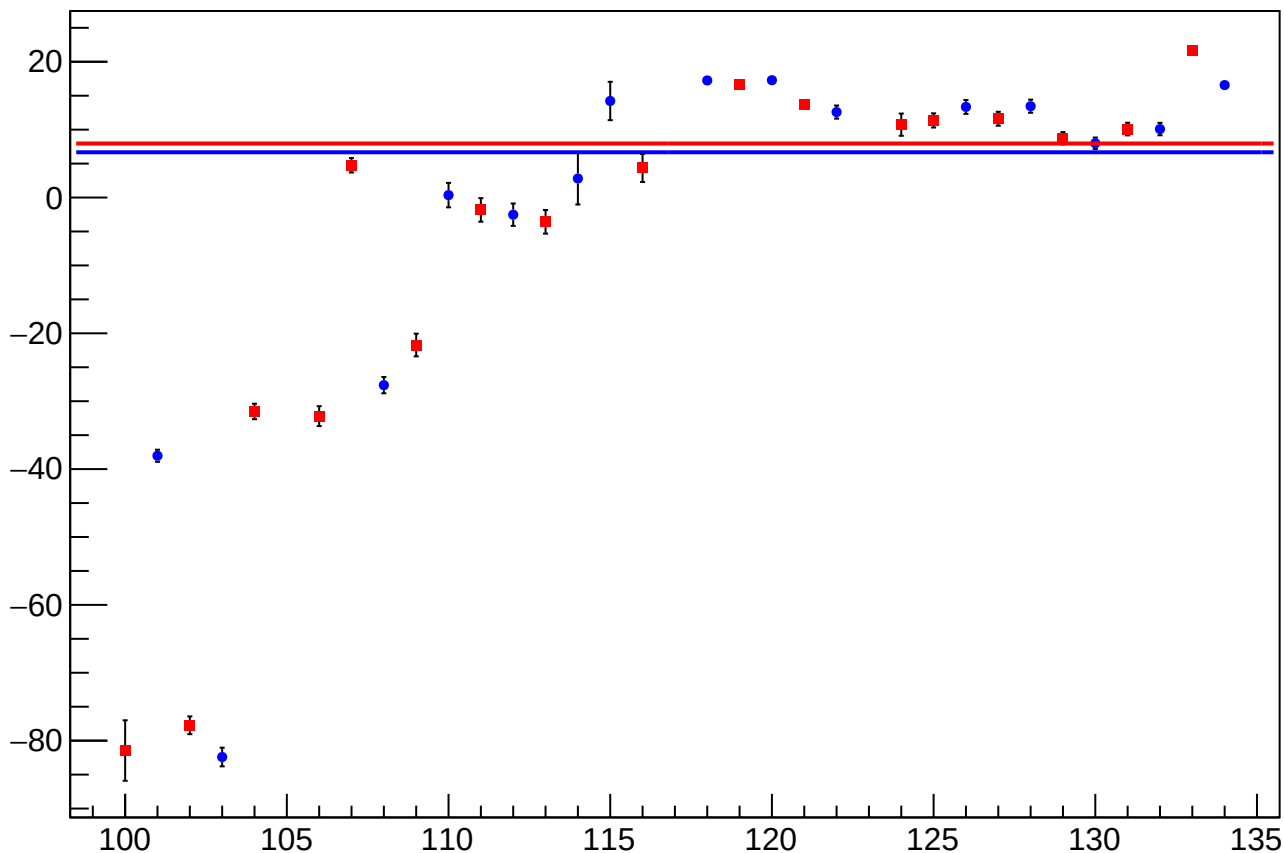
Right: 0.277+/-0.177 χ^2/NDF : 1412.1/31

In: 1.276+/-0.257 χ^2/NDF : 460.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.277+/-0.177 χ^2/NDF : 1412.1/31

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.667+/-0.228 χ^2/NDF : 8832.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.960+/-0.225 χ^2/NDF : 8339.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

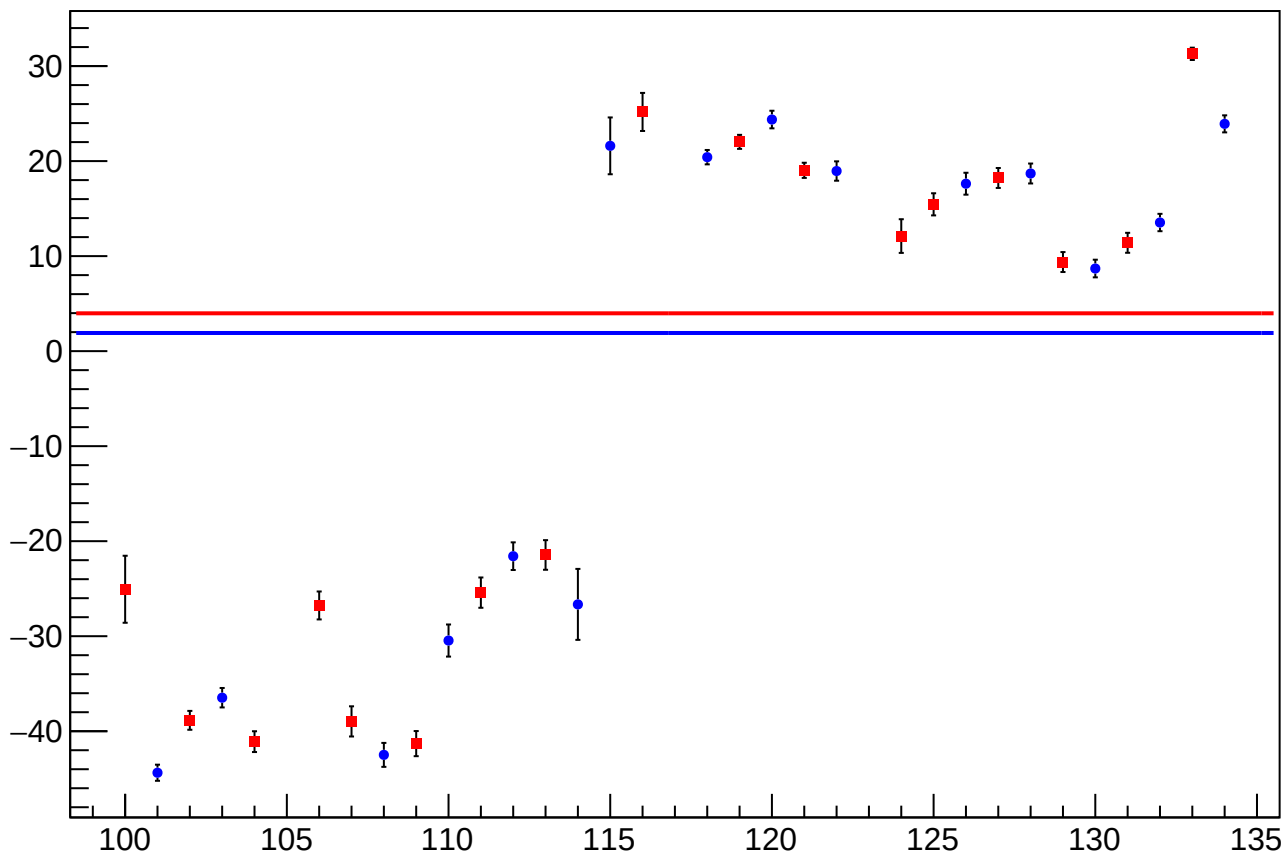
Right: 7.321+/-0.160 χ^2/NDF : 17188.4/31

In: 6.667+/-0.228 χ^2/NDF : 8832.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.321+/-0.160 χ^2/NDF : 17188.4/31

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.911+/-0.276 χ^2/NDF : 9078.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.981+/-0.267 χ^2/NDF : 9788.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

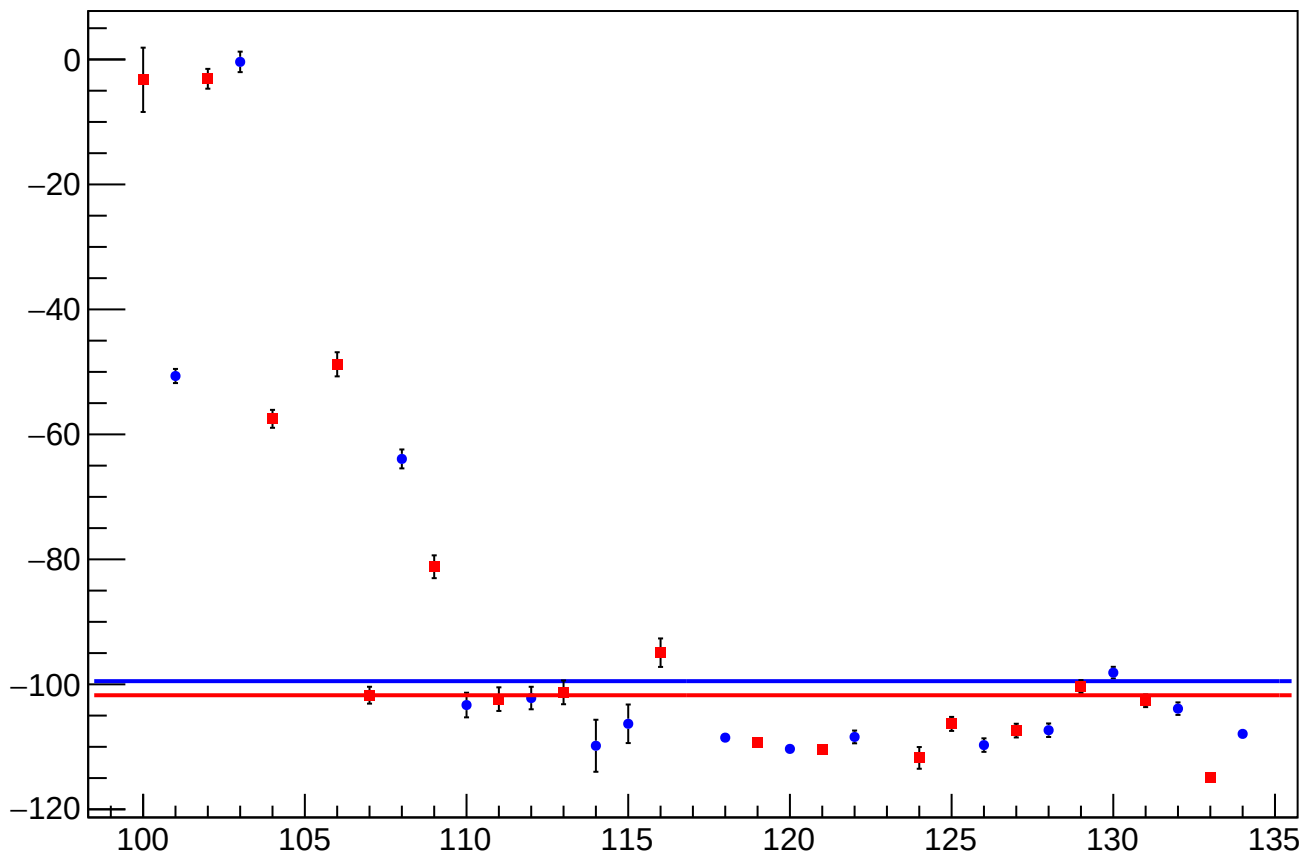
Right: 2.979+/-0.192 χ^2/NDF : 18896.0/31

In: 1.911+/-0.276 χ^2/NDF : 9078.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.979+/-0.192 χ^2/NDF : 18896.0/31

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -99.491 ± 0.271 χ^2/NDF : 6900.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -101.746 ± 0.267 χ^2/NDF : 6956.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

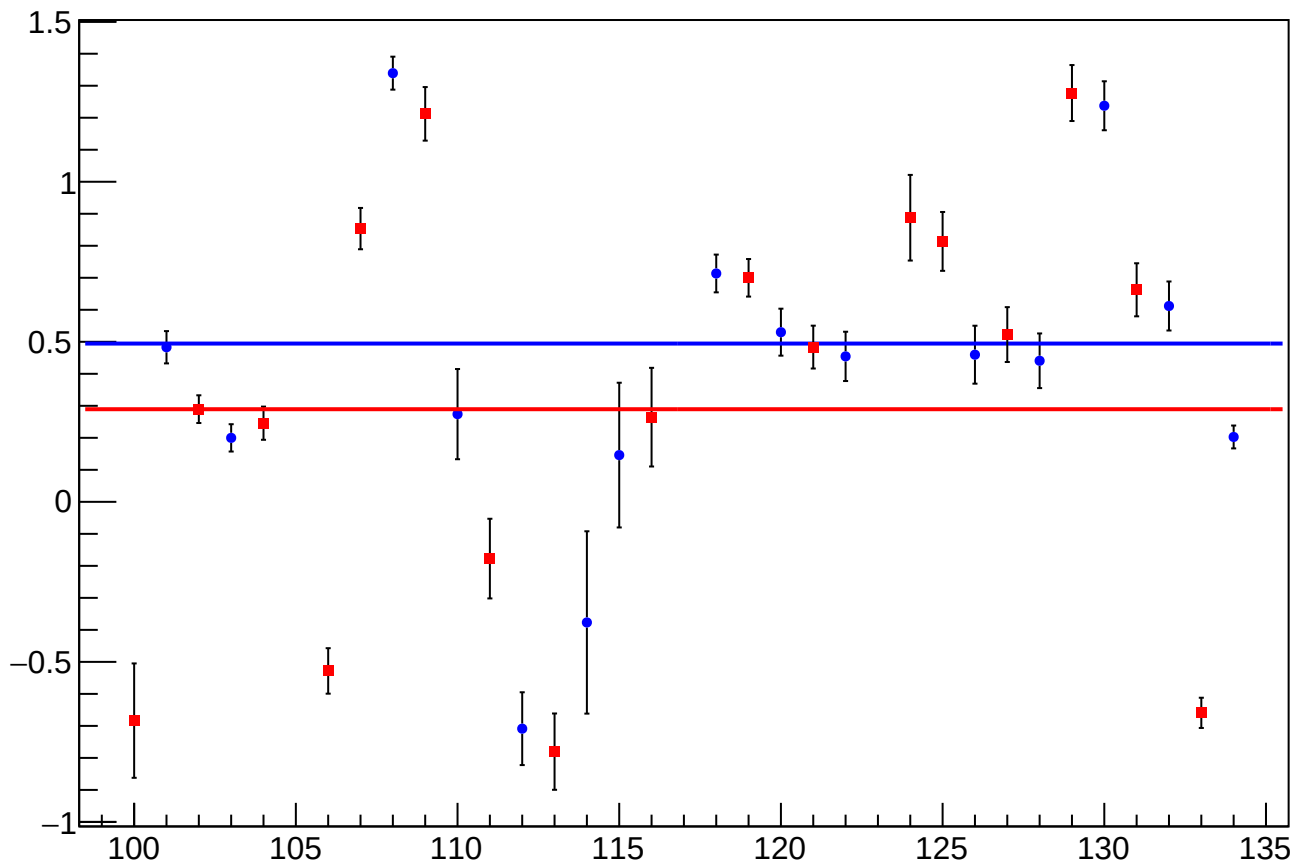
Right: -100.636 ± 0.190 χ^2/NDF : 13892.2/31

In: -99.491 ± 0.271 χ^2/NDF : 6900.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.636 ± 0.190 χ^2/NDF : 13892.2/31

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.494+/-0.017 χ^2/NDF : 621.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.289+/-0.018 χ^2/NDF : 1123.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

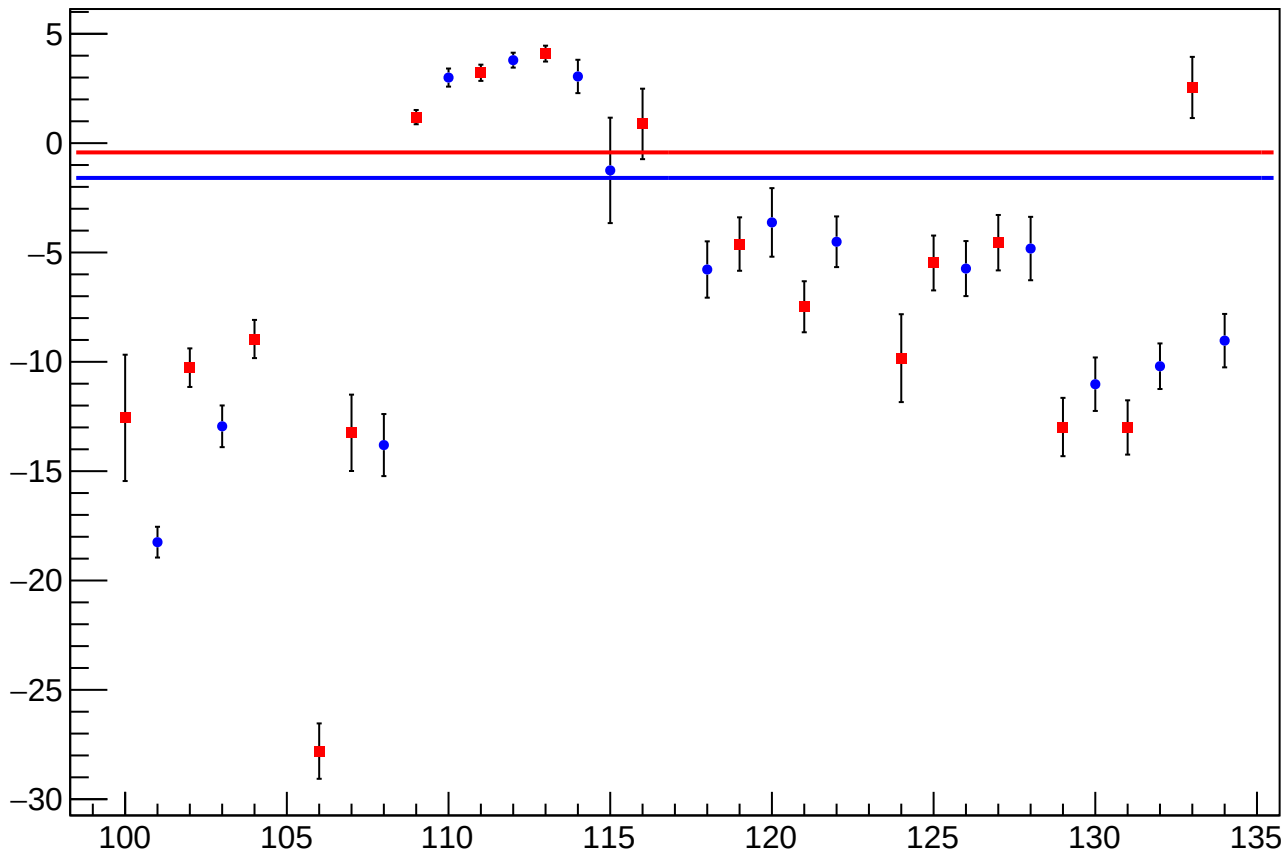
Right: 0.396+/-0.012 χ^2/NDF : 1815.9/31

In: 0.494+/-0.017 χ^2/NDF : 621.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.396+/-0.012 χ^2/NDF : 1815.9/31

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.590+/-0.200 χ^2/NDF : 1384.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.424+/-0.174 χ^2/NDF : 1328.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

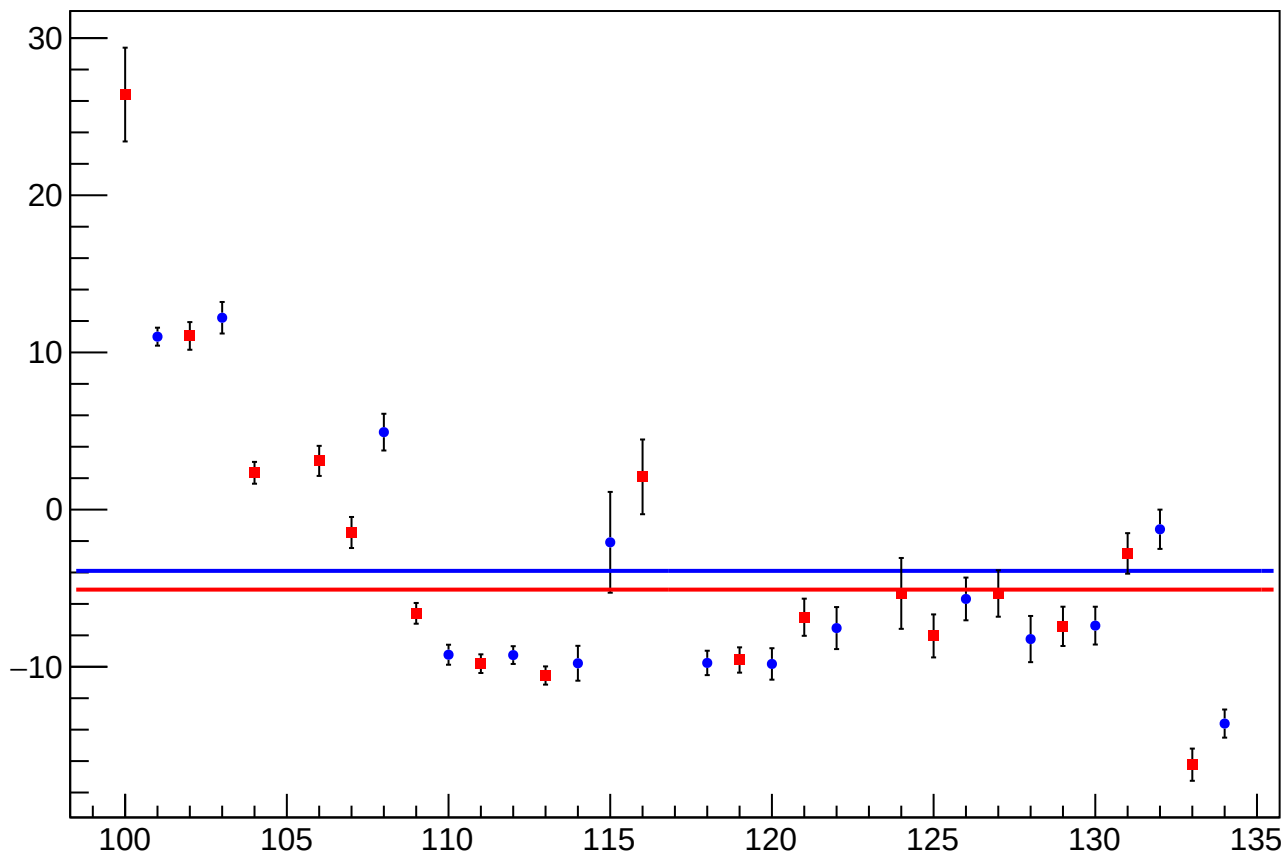
Right: -0.928+/-0.131 χ^2/NDF : 2732.5/31

In: -1.590+/-0.200 χ^2/NDF : 1384.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.928+/-0.131 χ^2/NDF : 2732.5/31

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.898 ± 0.235 χ^2/NDF : 1423.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.090 ± 0.226 χ^2/NDF : 978.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

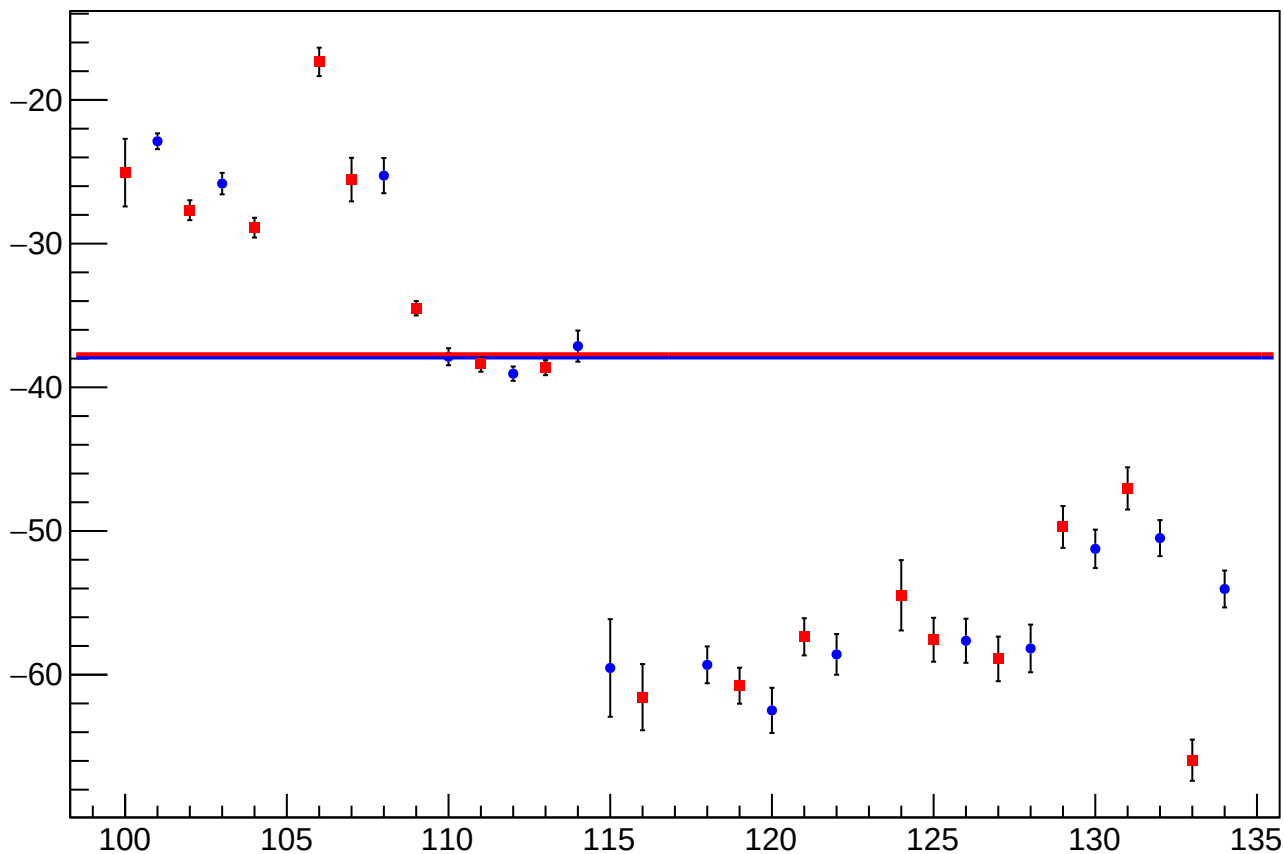
Right: -4.516 ± 0.163 χ^2/NDF : 2414.9/31

In: -3.898 ± 0.235 χ^2/NDF : 1423.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.516 ± 0.163 χ^2/NDF : 2414.9/31

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.924 $\pm$ 0.238 χ^2 /NDF: 2568.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.698 $\pm$ 0.220 χ^2 /NDF: 2512.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

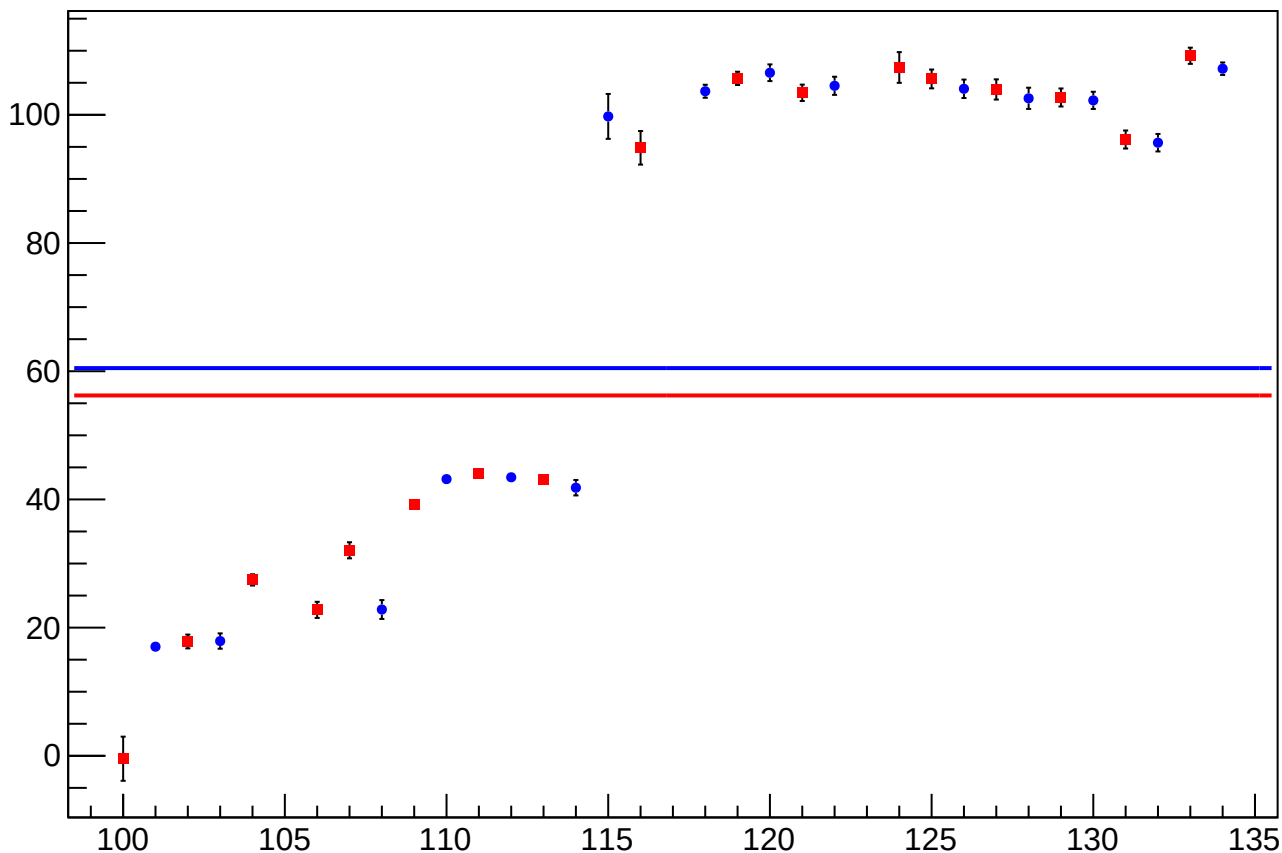
Right: -37.802 $\pm$ 0.161 χ^2 /NDF: 5082.1/31

In: -37.924 $\pm$ 0.238 χ^2 /NDF:2568.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.802 $\pm$ 0.161 χ^2 /NDF: 5082.1/31

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 60.488+/-0.272 χ^2/NDF : 16757.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.222+/-0.260 χ^2/NDF : 15103.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

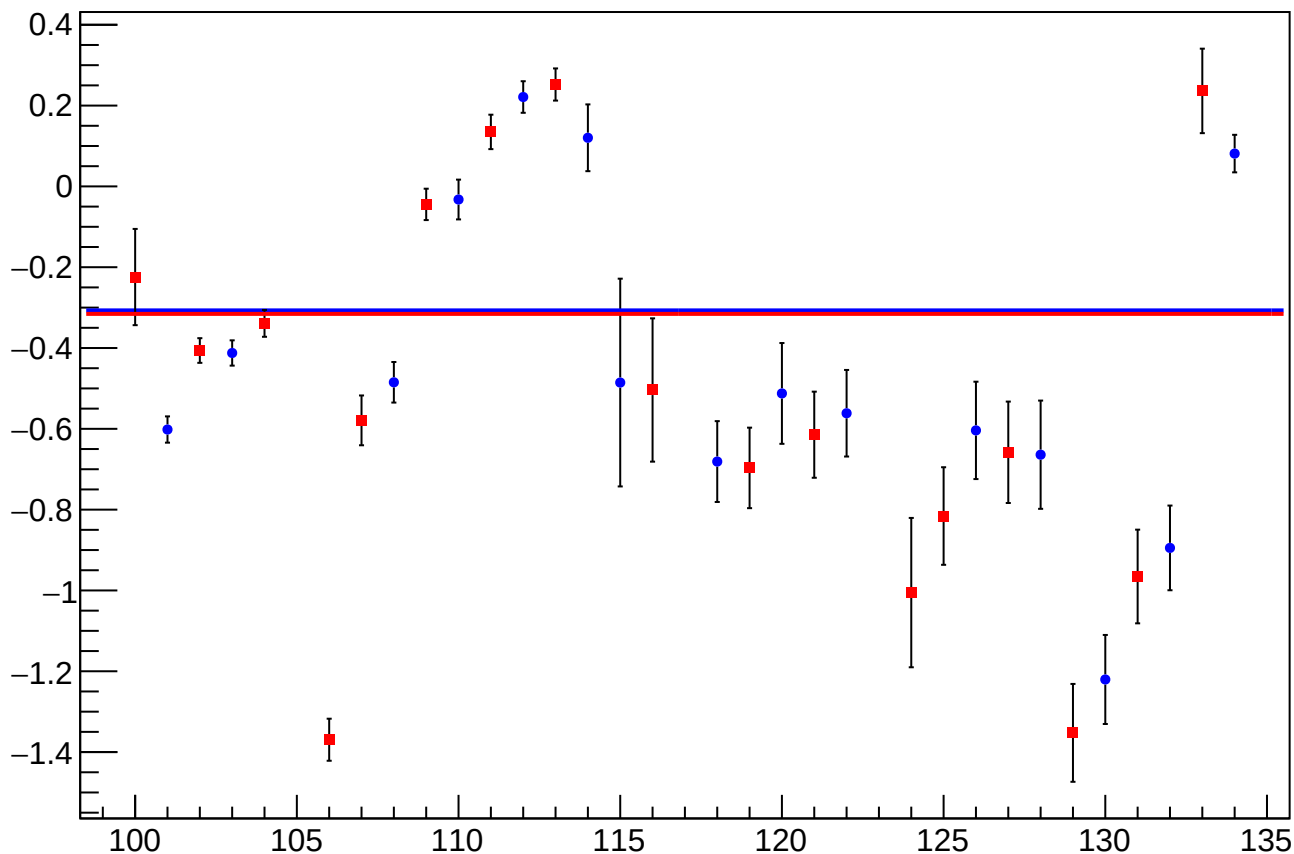
Right: 58.258+/-0.188 χ^2/NDF : 31989.9/31

In: 60.488+/-0.272 χ^2/NDF : 16757.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.258+/-0.188 χ^2/NDF : 31989.9/31

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307+/-0.015 χ^2/NDF : 552.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.316+/-0.014 χ^2/NDF : 997.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

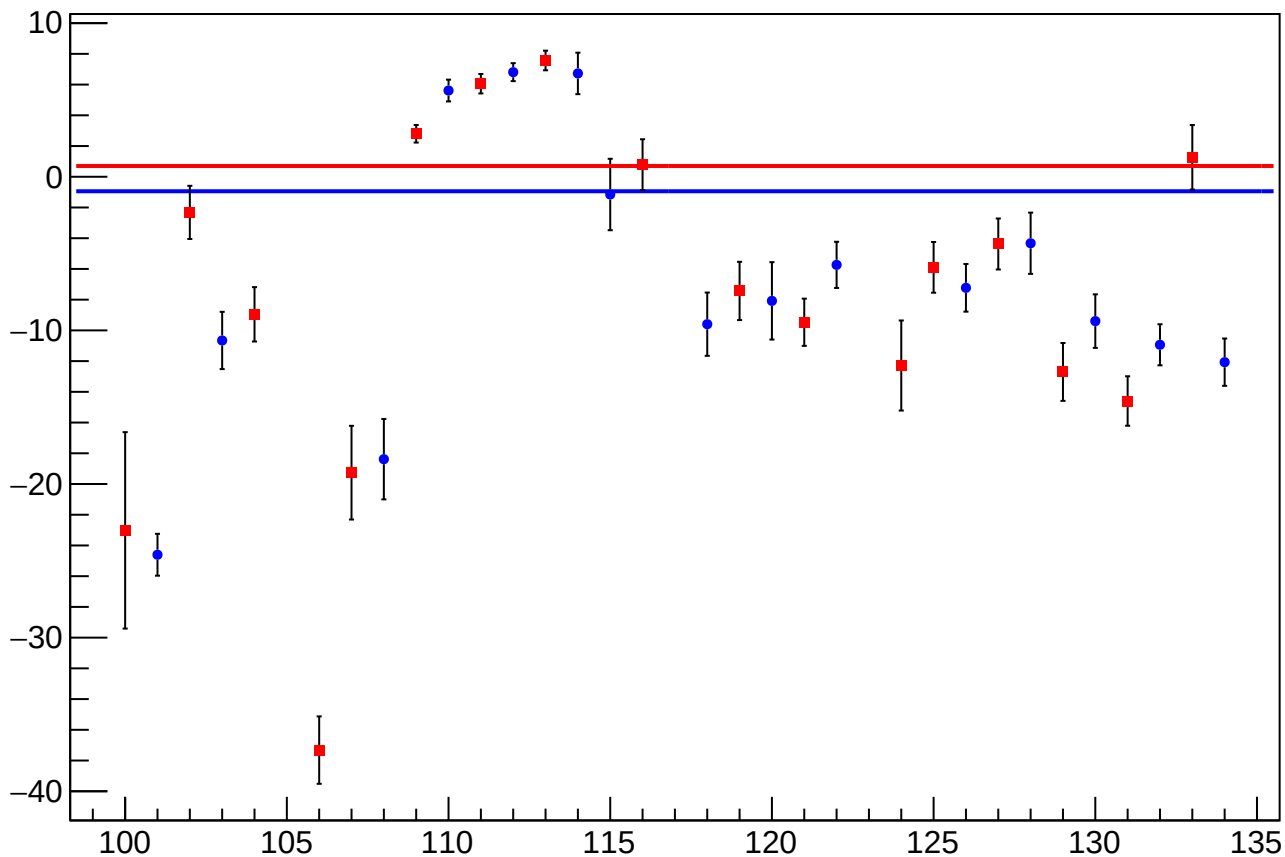
Right: -0.311+/-0.010 χ^2/NDF : 1550.2/31

In: -0.307+/-0.015 χ^2/NDF :552.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.311+/-0.010 χ^2/NDF : 1550.2/31

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.943+/-0.326 χ^2 /NDF: 853.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.702+/-0.291 χ^2 /NDF: 838.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

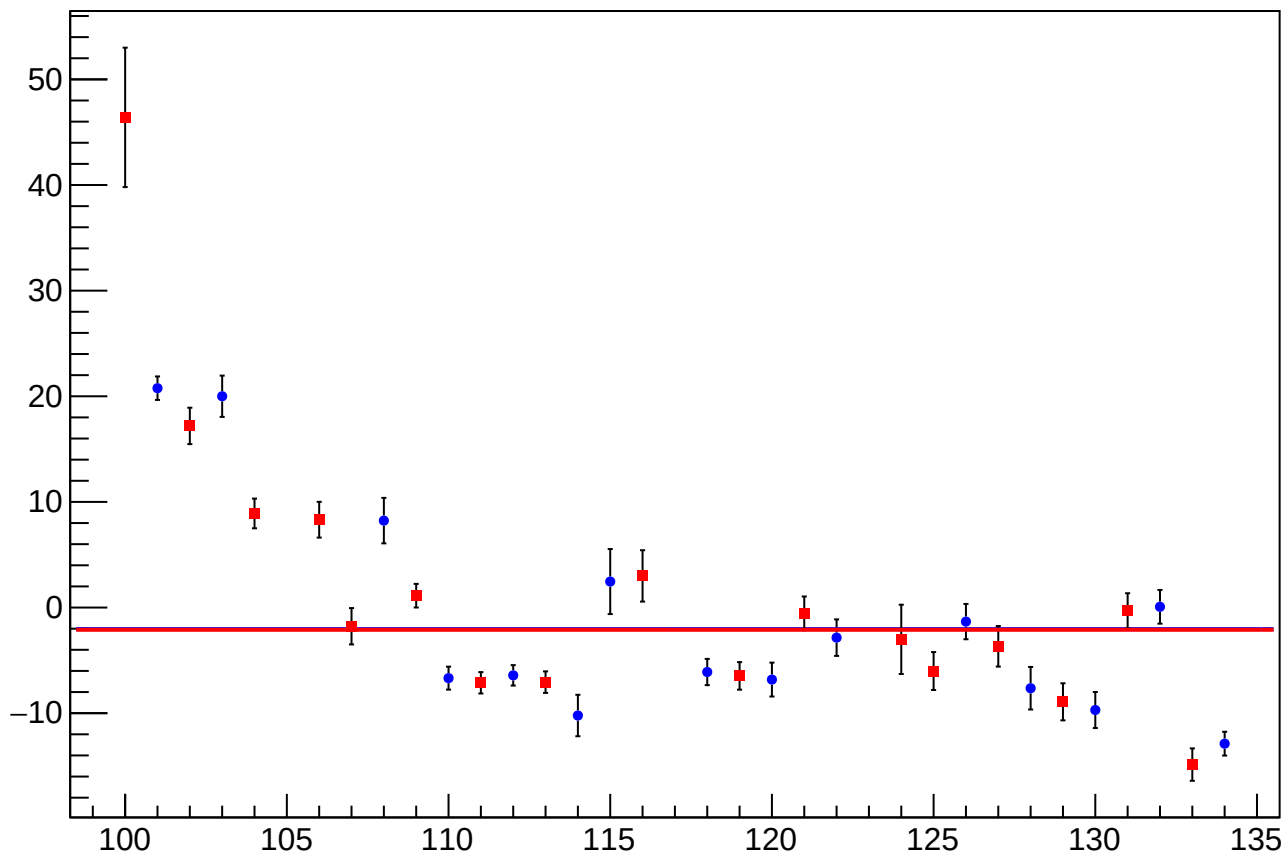
Right: -0.029+/-0.217 χ^2 /NDF: 1706.5/31

In: -0.943+/-0.326 χ^2 /NDF:853.7/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.029+/-0.217 χ^2 /NDF: 1706.5/31

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.044 ± 0.376 χ^2/NDF : 771.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.102 ± 0.372 χ^2/NDF : 442.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

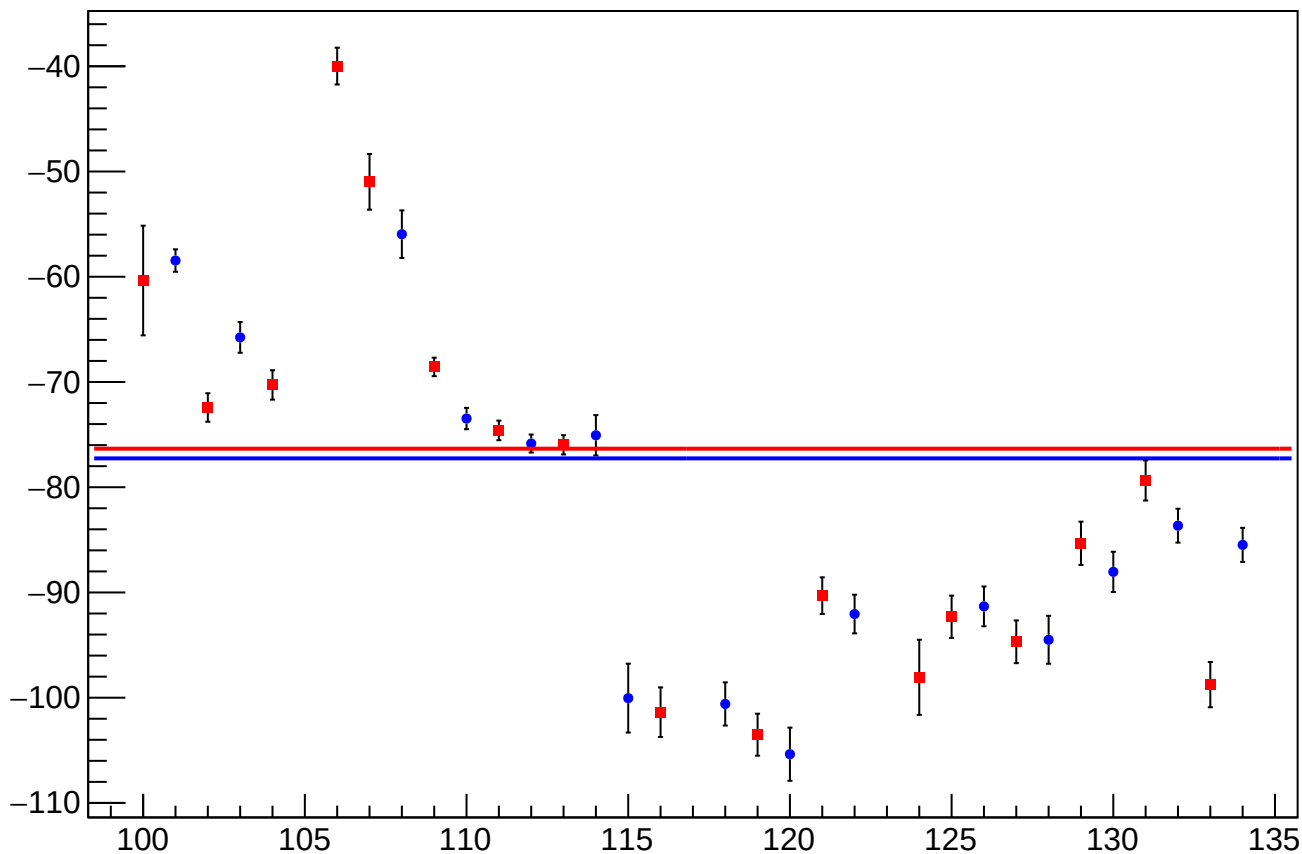
Right: -2.073 ± 0.264 χ^2/NDF : 1214.8/31

In: -2.044 ± 0.376 χ^2/NDF : 771.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.073 ± 0.264 χ^2/NDF : 1214.8/31

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.260+/-0.394 χ^2/NDF : 1032.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.338+/-0.371 χ^2/NDF : 1317.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

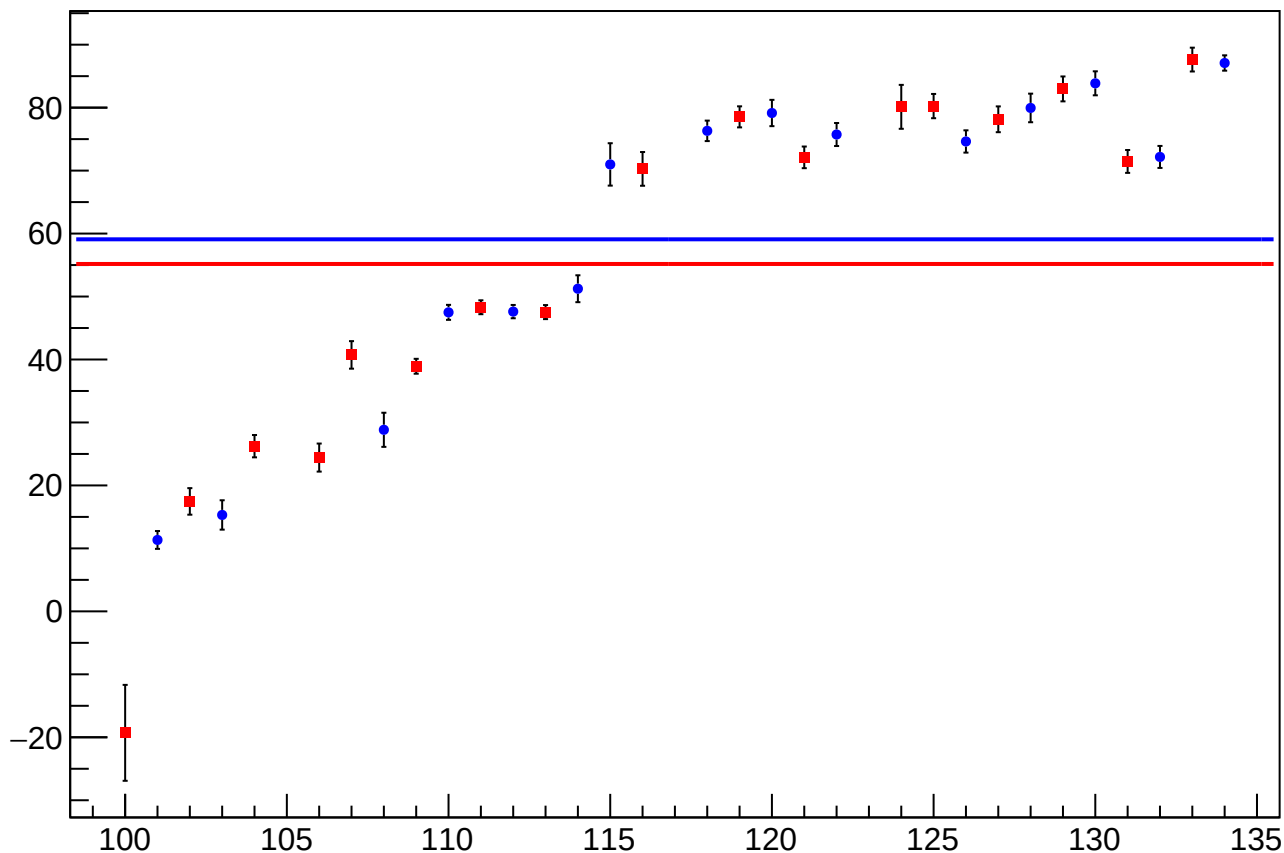
Right: -76.772+/-0.270 χ^2/NDF : 2352.9/31

In: -77.260+/-0.394 χ^2/NDF : 1032.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.772+/-0.270 χ^2/NDF : 2352.9/31

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 59.087+/-0.429 χ^2 /NDF: 3053.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 55.171+/-0.423 χ^2 /NDF: 2433.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

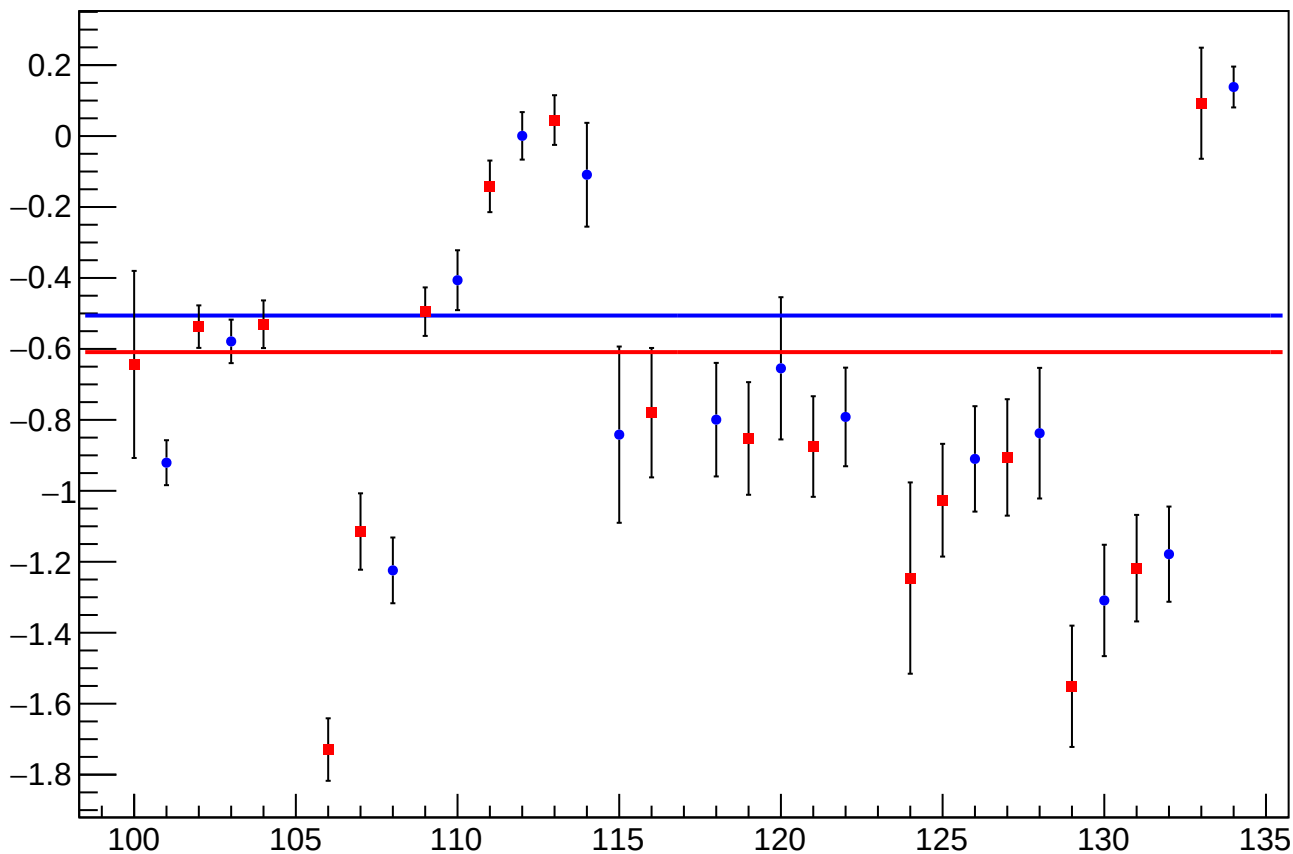
Right: 57.102+/-0.302 χ^2 /NDF: 5529.6/31

In: 59.087+/-0.429 χ^2 /NDF:3053.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 57.102+/-0.302 χ^2 /NDF: 5529.6/31

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.506 ± 0.025 χ^2/NDF : 367.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.609 ± 0.024 χ^2/NDF : 407.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

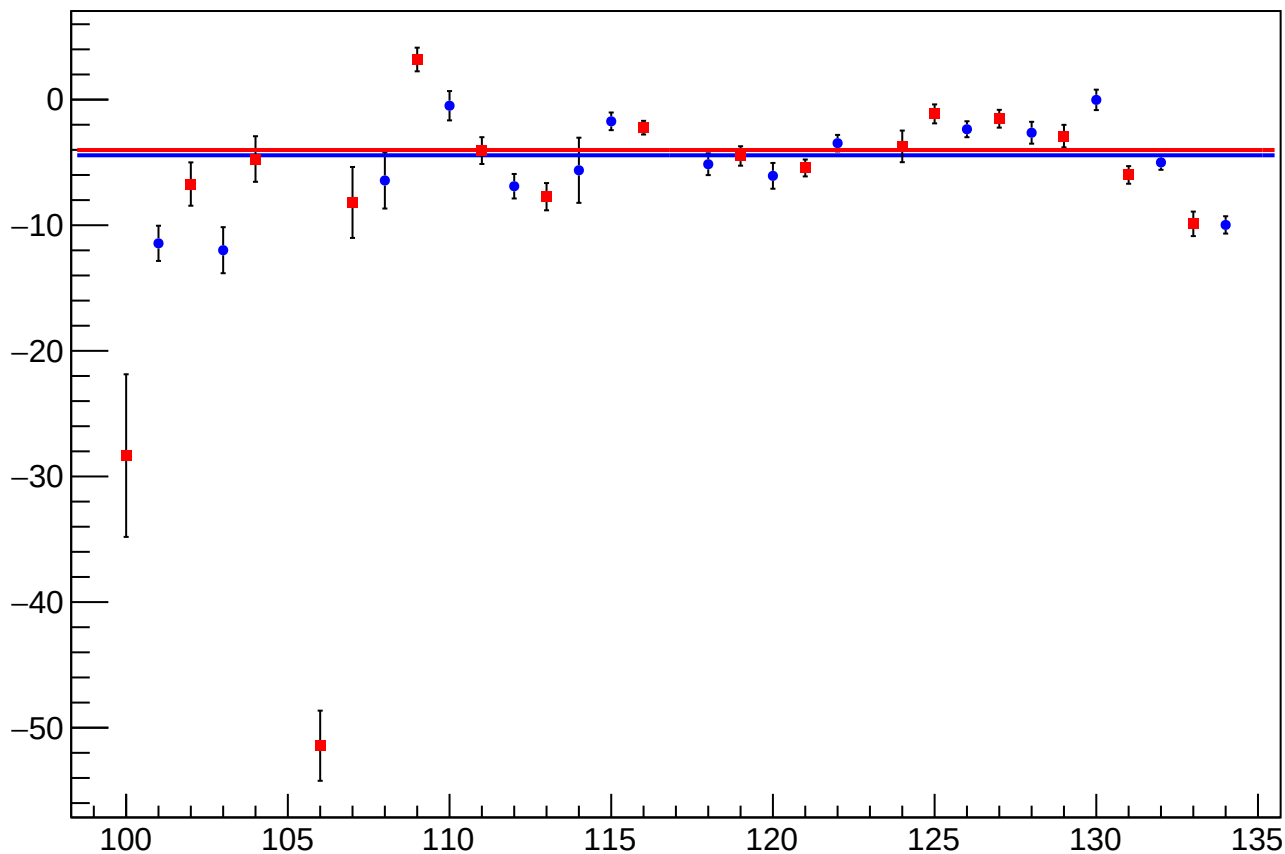
Right: -0.558 ± 0.017 χ^2/NDF : 783.5/31

In: -0.506 ± 0.025 χ^2/NDF : 367.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.558 ± 0.017 χ^2/NDF : 783.5/31

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.433 ± 0.224 χ^2/NDF : 190.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.012 ± 0.225 χ^2/NDF : 466.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

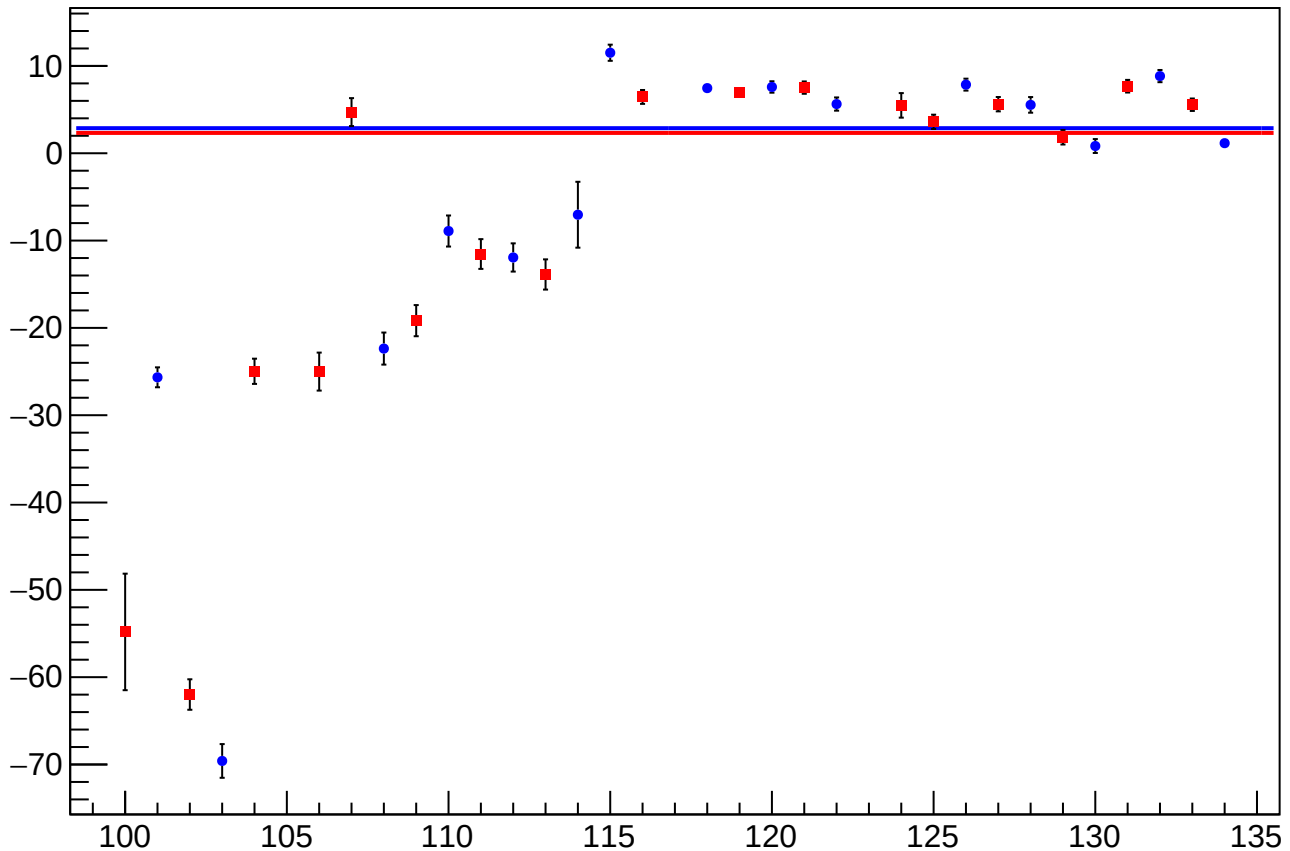
Right: -4.223 ± 0.159 χ^2/NDF : 658.7/31

In: -4.433 ± 0.224 χ^2/NDF : 190.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.223 ± 0.159 χ^2/NDF : 658.7/31

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.872+/-0.213 χ^2/NDF : 2741.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.328+/-0.234 χ^2/NDF : 2502.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

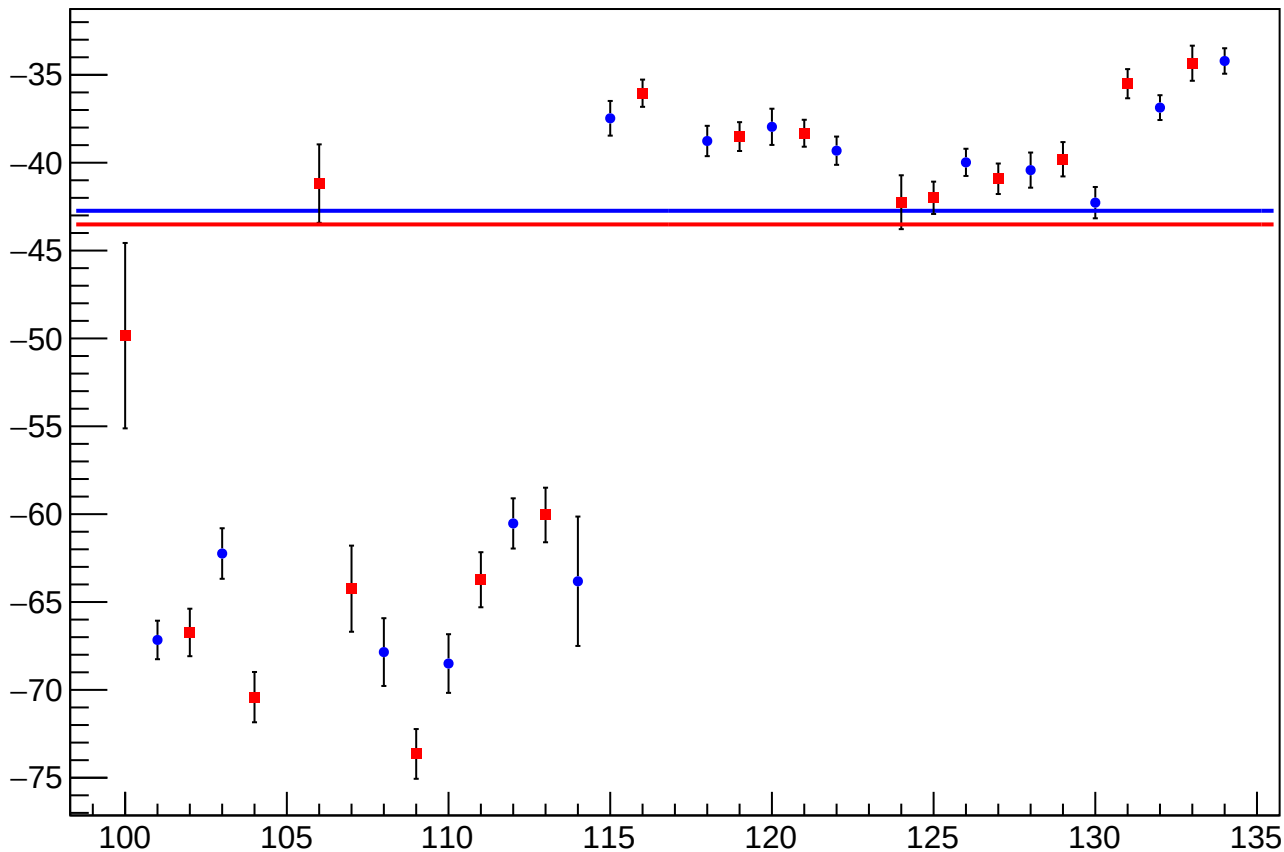
Right: 2.625+/-0.158 χ^2/NDF : 5246.7/31

In: 2.872+/-0.213 χ^2/NDF :2741.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.625+/-0.158 χ^2/NDF : 5246.7/31

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.736 ± 0.256 χ^2/NDF : 1591.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.512 ± 0.267 χ^2/NDF : 1835.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

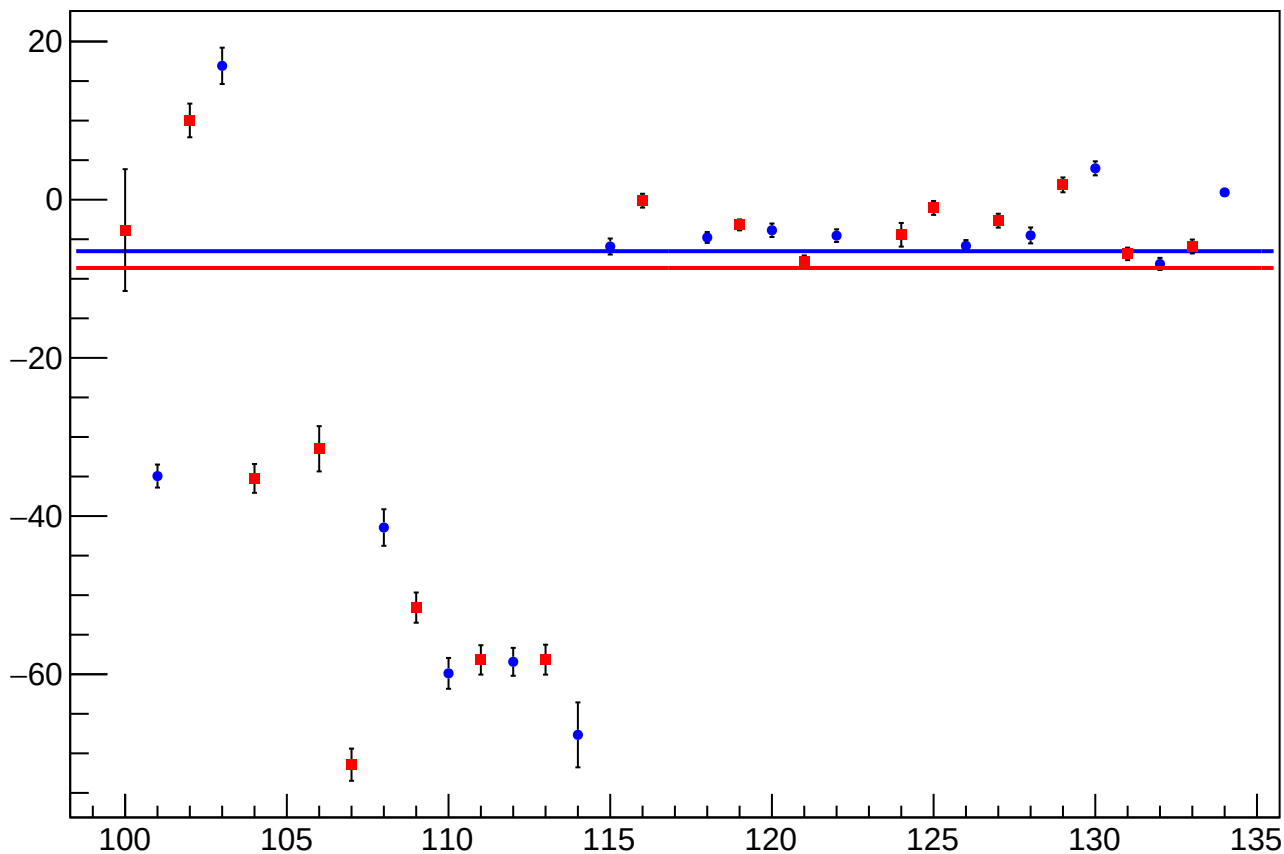
Right: -43.109 ± 0.185 χ^2/NDF : 3431.0/31

In: -42.736 ± 0.256 χ^2/NDF : 1591.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.109 ± 0.185 χ^2/NDF : 3431.0/31

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.510+/-0.244 χ^2 /NDF: 2907.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.630+/-0.268 χ^2 /NDF: 3633.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

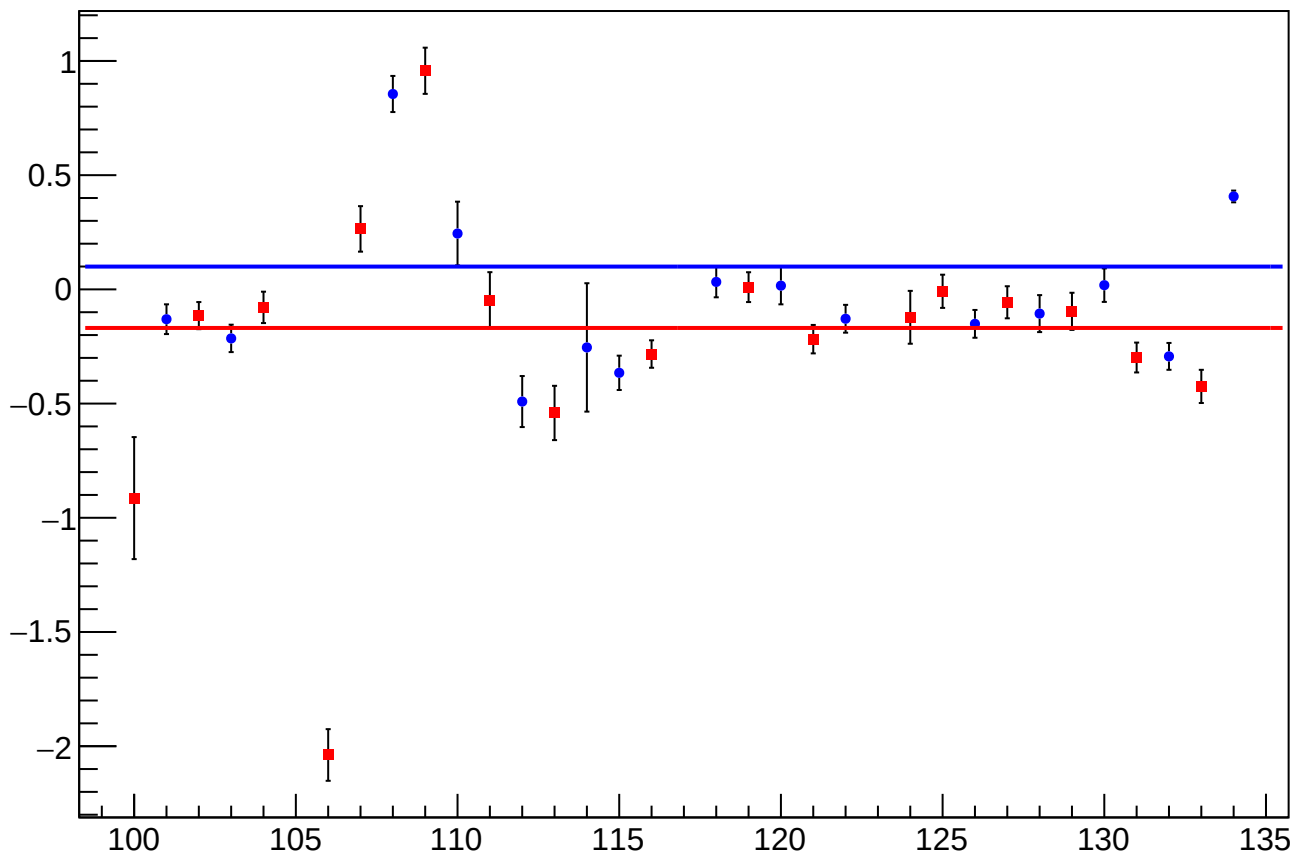
Right: -7.472+/-0.180 χ^2 /NDF: 6575.8/31

In: -6.510+/-0.244 χ^2 /NDF:2907.8/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.472+/-0.180 χ^2 /NDF: 6575.8/31

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.100+/-0.016 χ^2/NDF : 428.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.169+/-0.019 χ^2/NDF : 473.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

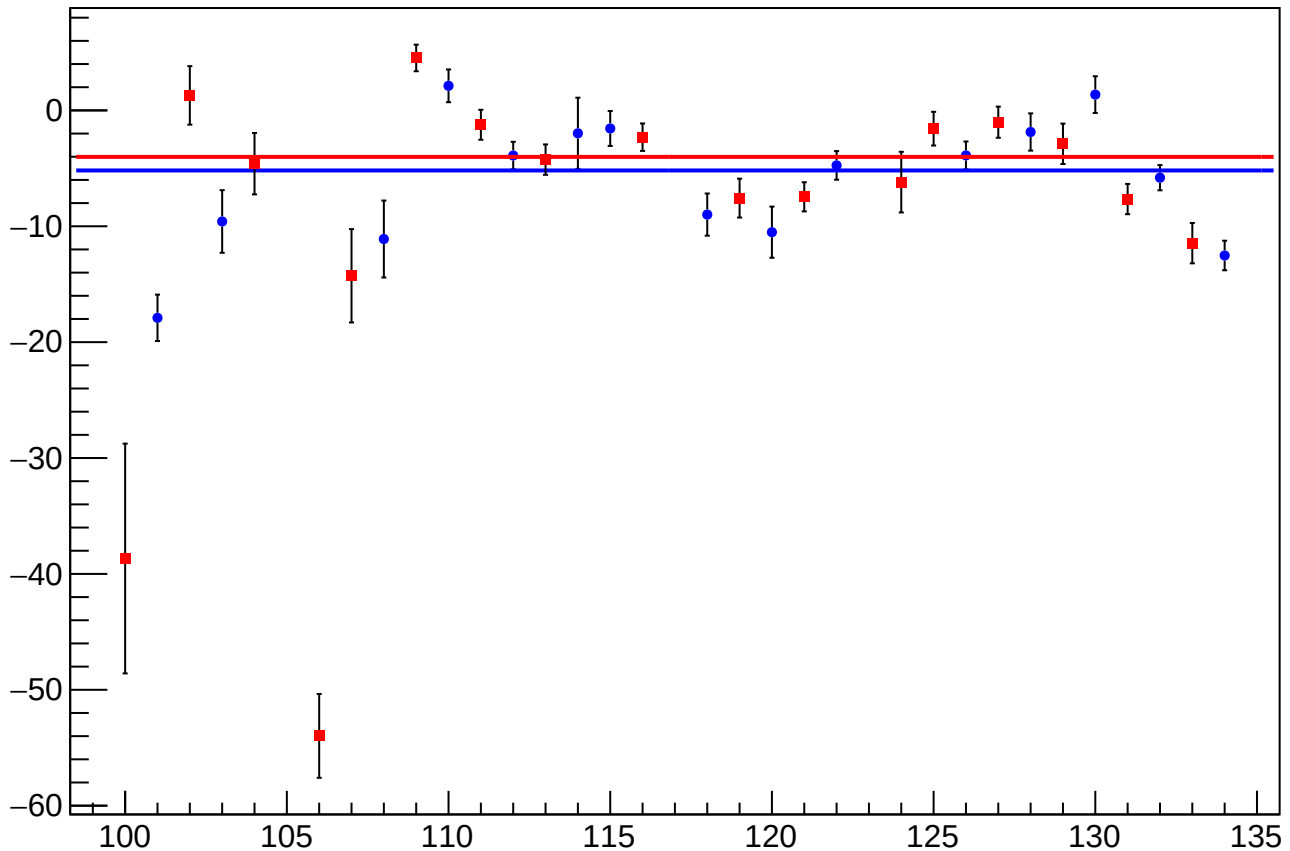
Right: -0.009+/-0.012 χ^2/NDF : 1020.0/31

In: 0.100+/-0.016 χ^2/NDF : 428.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.012 χ^2/NDF : 1020.0/31

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.184 ± 0.397 χ^2/NDF : 147.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.011 ± 0.392 χ^2/NDF : 323.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

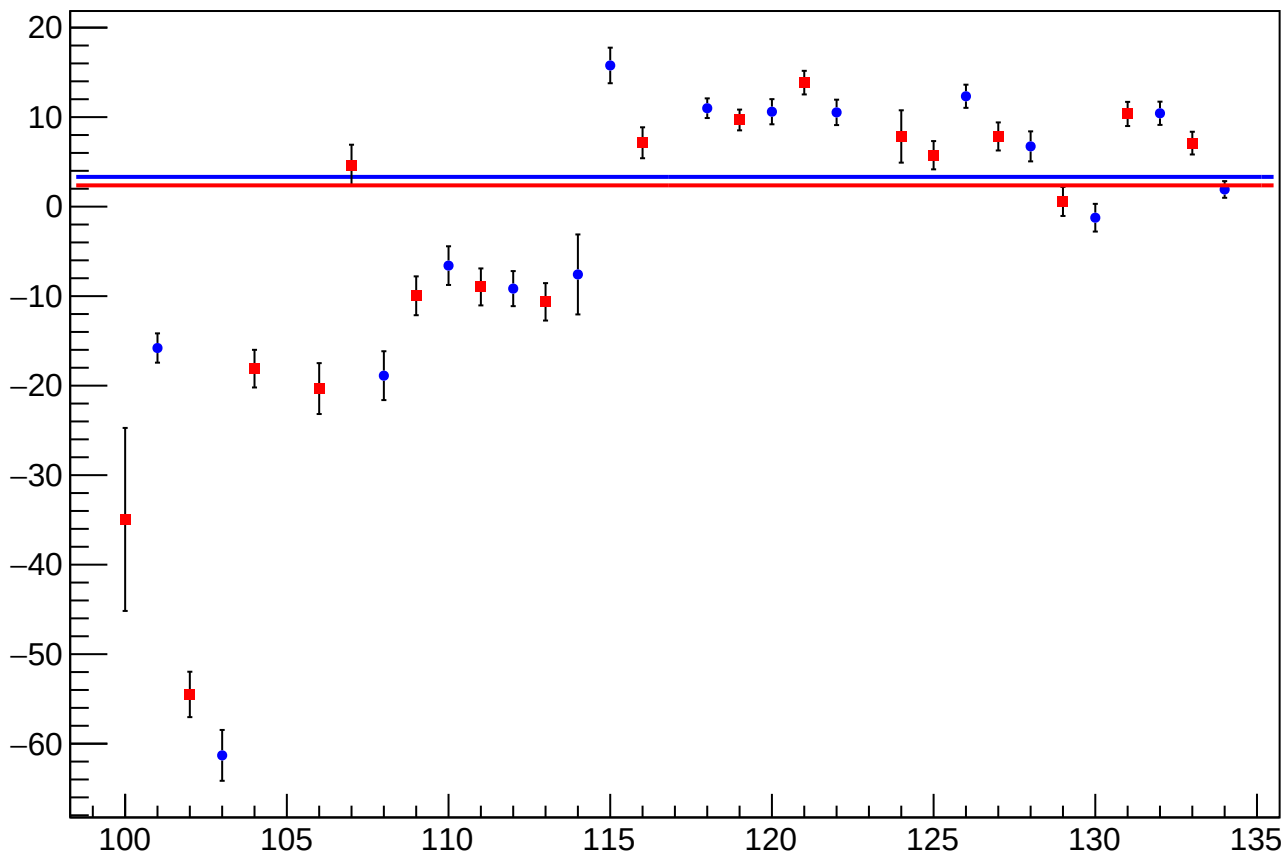
Right: -4.590 ± 0.279 χ^2/NDF : 474.6/31

In: -5.184 ± 0.397 χ^2/NDF : 147.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.590 ± 0.279 χ^2/NDF : 474.6/31

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.323+/-0.397 χ^2/NDF : 1022.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.375+/-0.426 χ^2/NDF : 970.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

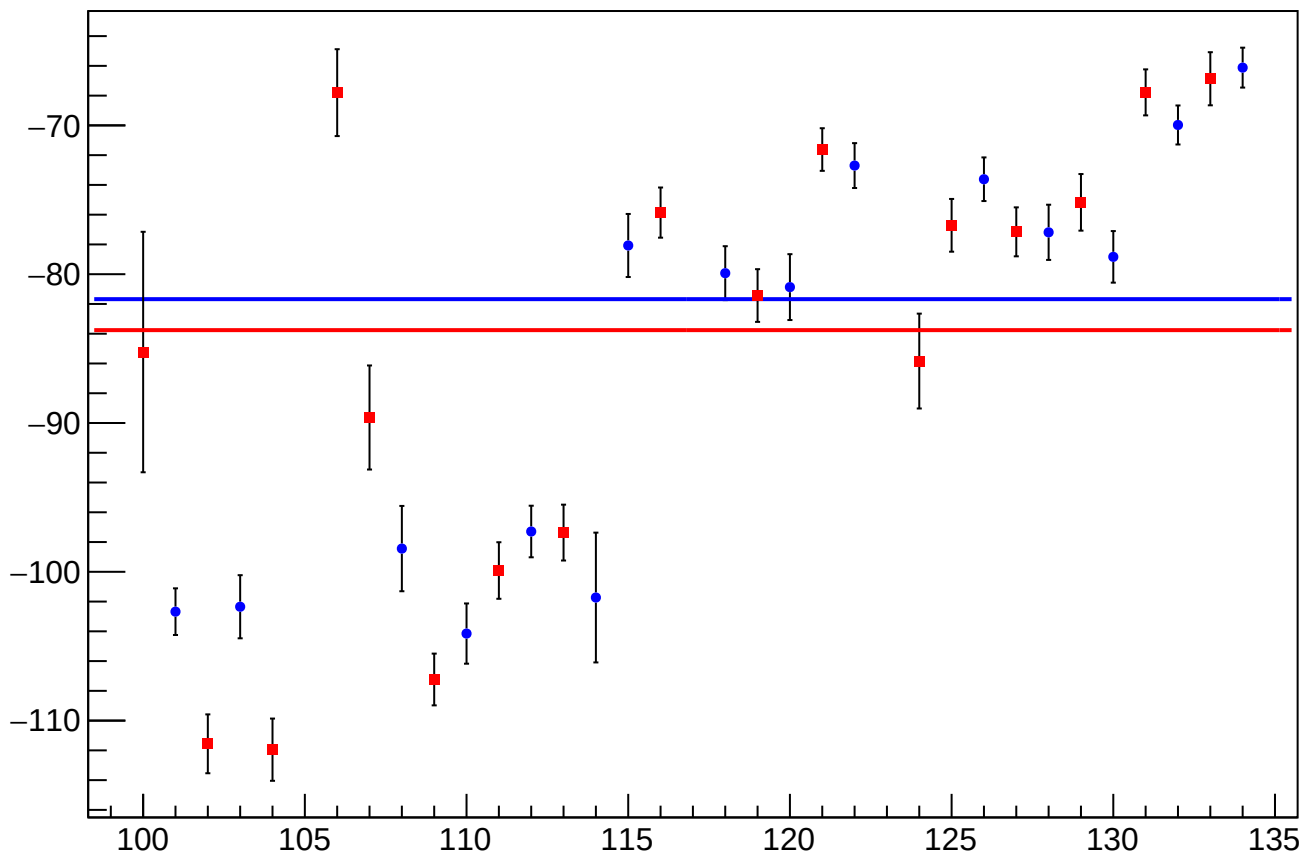
Right: 2.883+/-0.290 χ^2/NDF : 1995.0/31

In: 3.323+/-0.397 χ^2/NDF : 1022.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.883+/-0.290 χ^2/NDF : 1995.0/31

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.677+/-0.457 χ^2/NDF : 826.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -83.759+/-0.469 χ^2/NDF : 1063.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

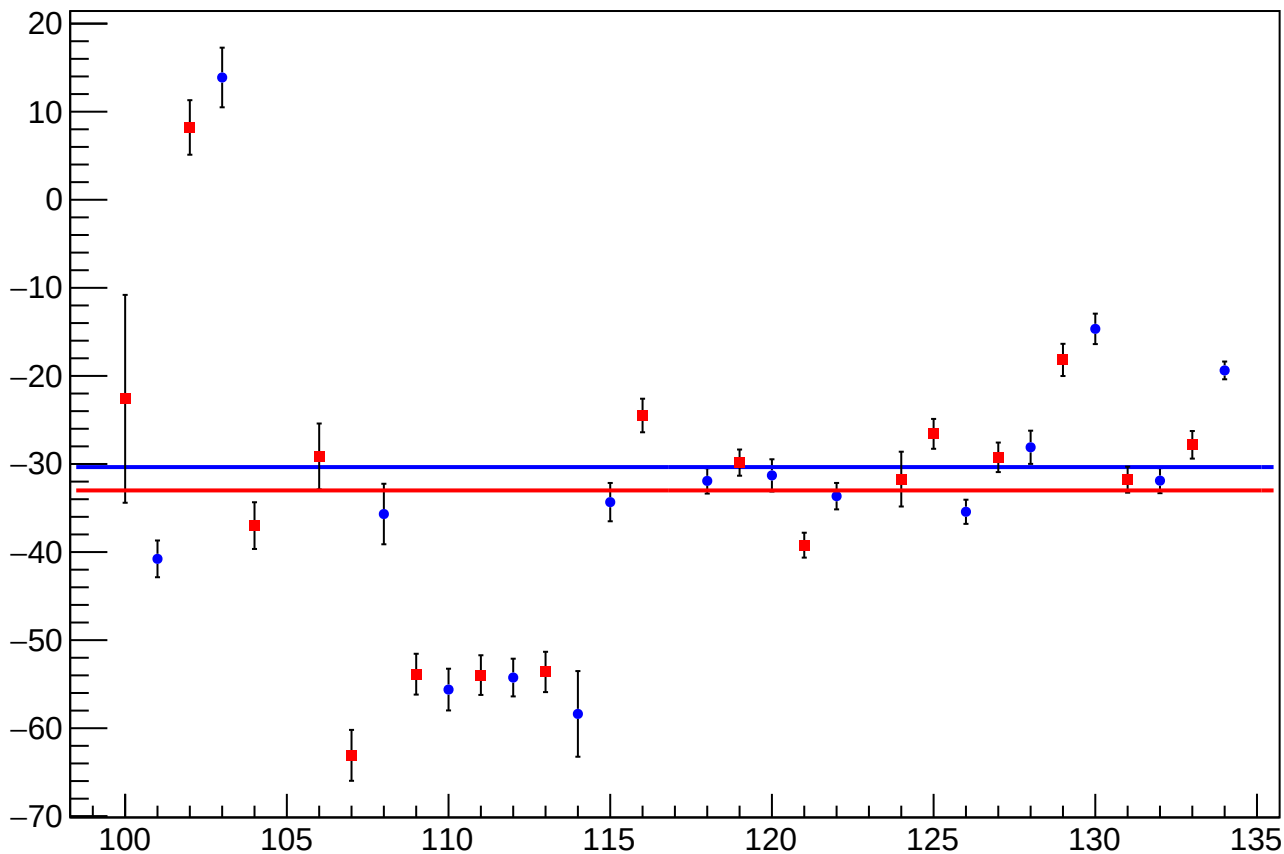
Right: -82.692+/-0.328 χ^2/NDF : 1900.6/31

In: -81.677+/-0.457 χ^2/NDF :826.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -82.692+/-0.328 χ^2/NDF : 1900.6/31

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.352 ± 0.452 χ^2/NDF : 696.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.002 ± 0.487 χ^2/NDF : 679.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

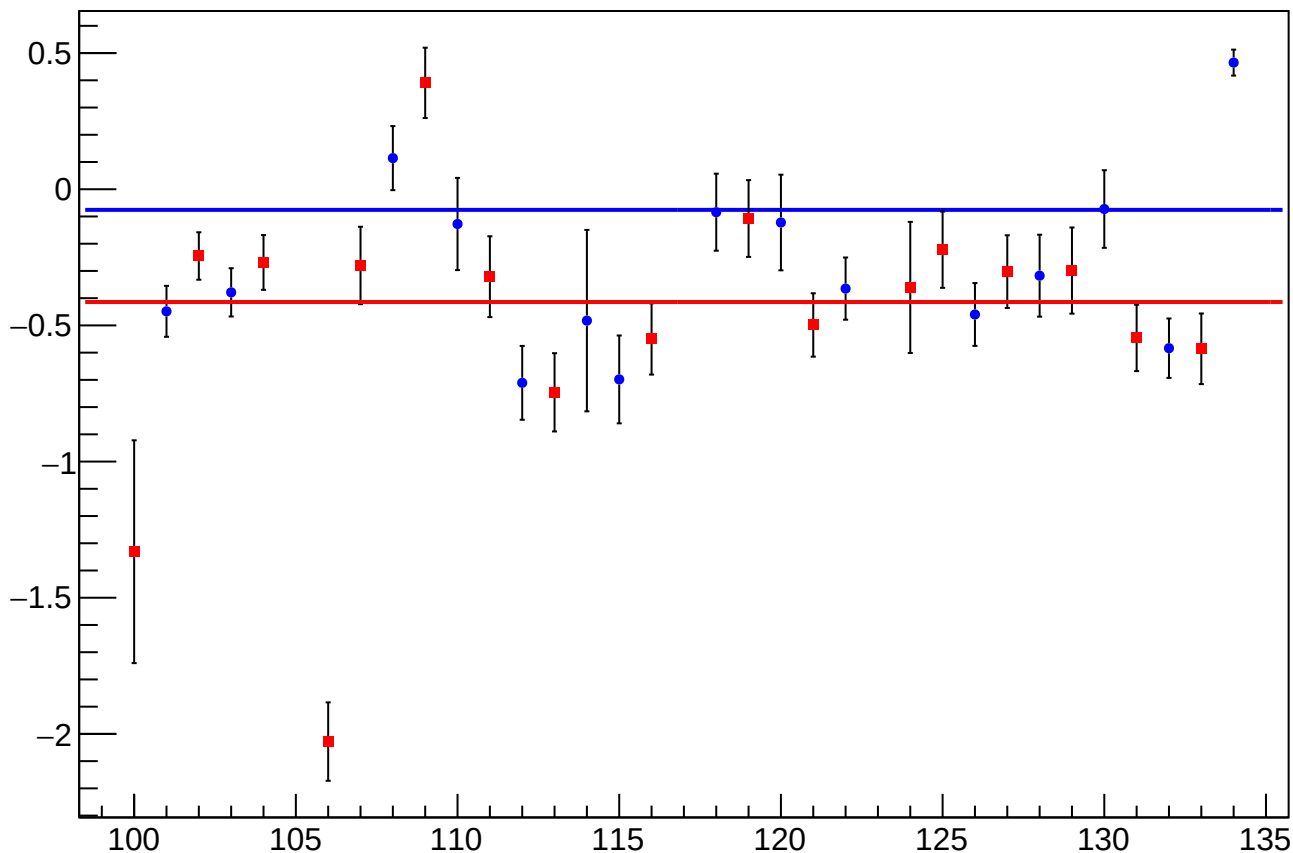
Right: -31.577 ± 0.331 χ^2/NDF : 1391.5/31

In: -30.352 ± 0.452 χ^2/NDF : 696.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.577 ± 0.331 χ^2/NDF : 1391.5/31

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.076 ± 0.028 χ^2/NDF : 238.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.414 ± 0.032 χ^2/NDF : 194.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

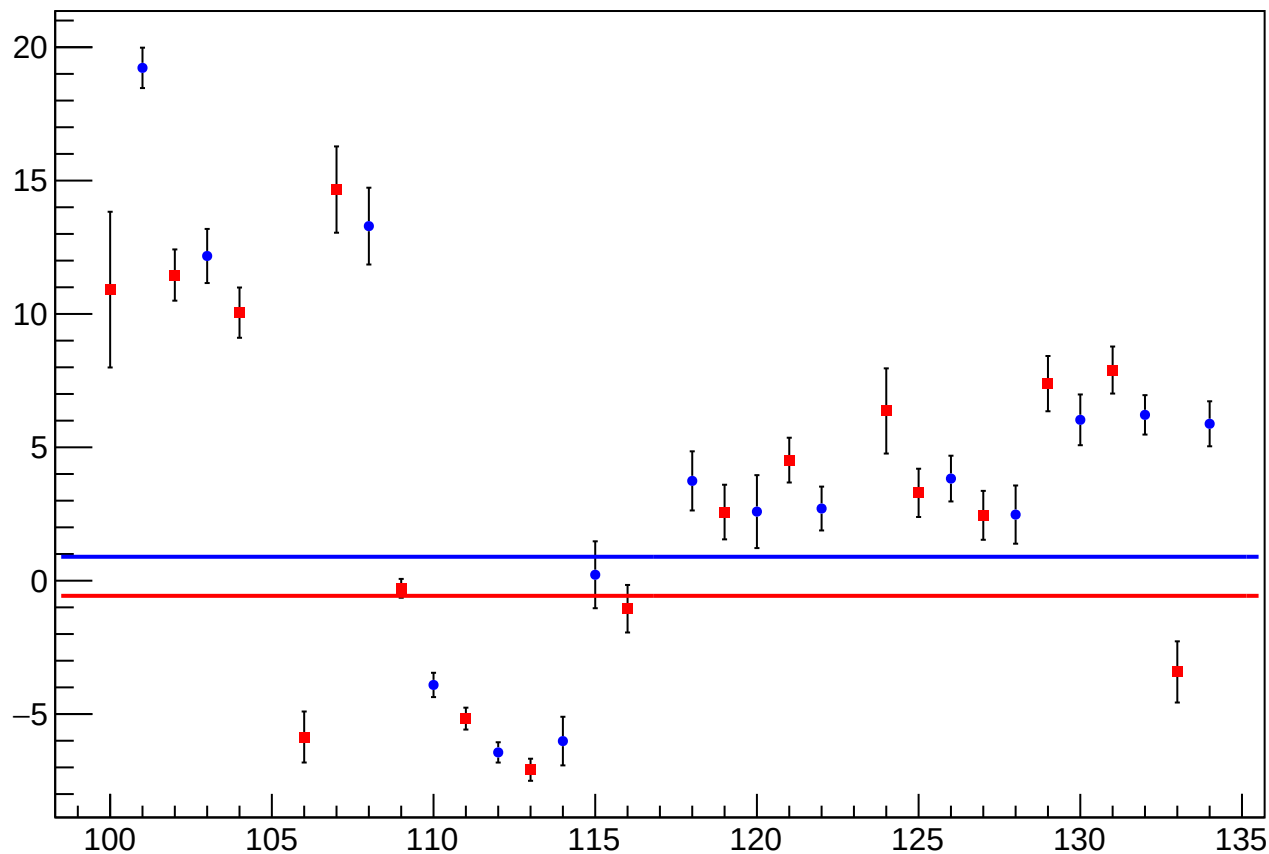
Right: -0.220 ± 0.021 χ^2/NDF : 496.6/31

In: -0.076 ± 0.028 χ^2/NDF : 238.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.220 ± 0.021 χ^2/NDF : 496.6/31

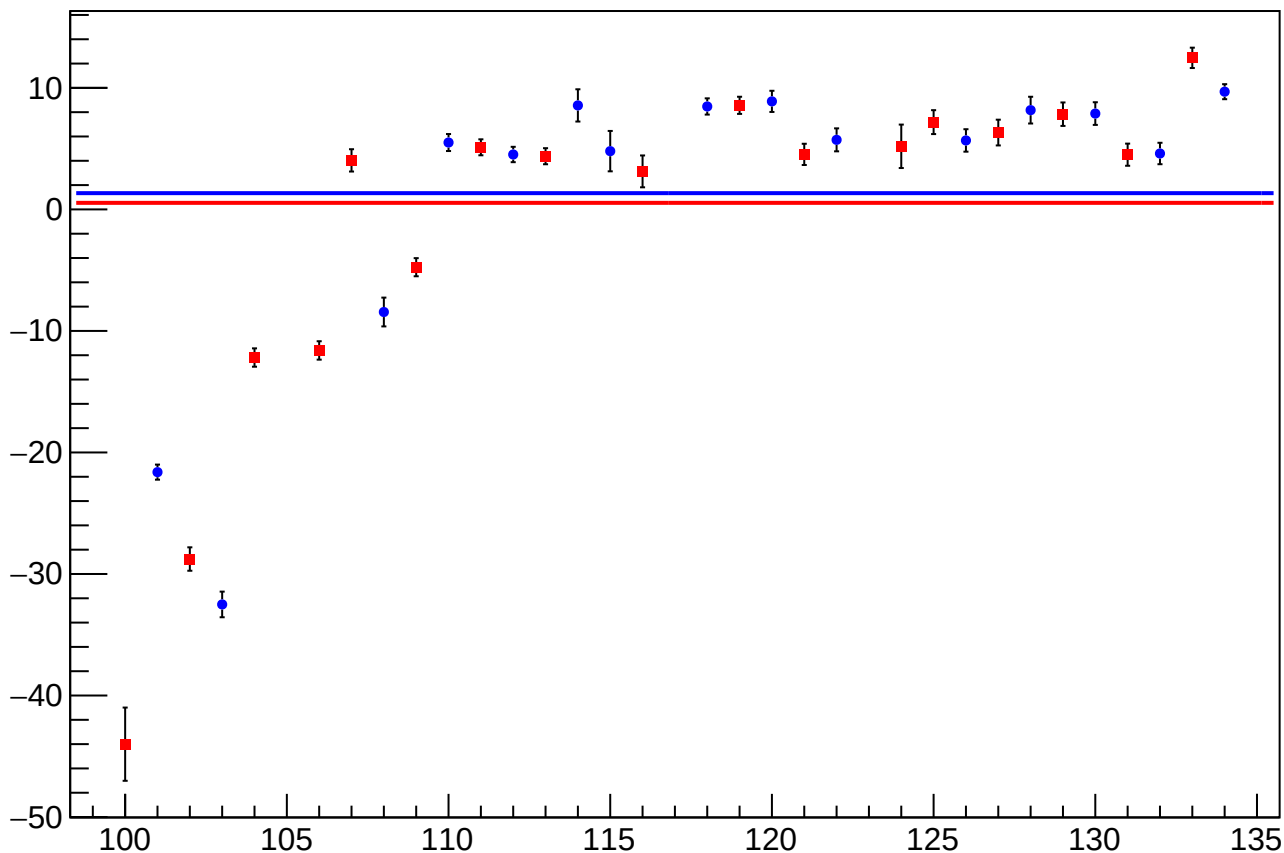
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.897 $\pm$ 0.196 χ^2 /NDF: 1466.3/14
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.568 $\pm$ 0.174 χ^2 /NDF: 1044.8/16
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.079 $\pm$ 0.130 χ^2 /NDF: 2542.4/31
 In: 0.897 $\pm$ 0.196 χ^2 /NDF:1466.3/14
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.079 $\pm$ 0.130 χ^2 /NDF: 2542.4/31

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.337 $\pm$ 0.216 χ^2 /NDF: 3077.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.539 $\pm$ 0.213 χ^2 /NDF: 2346.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

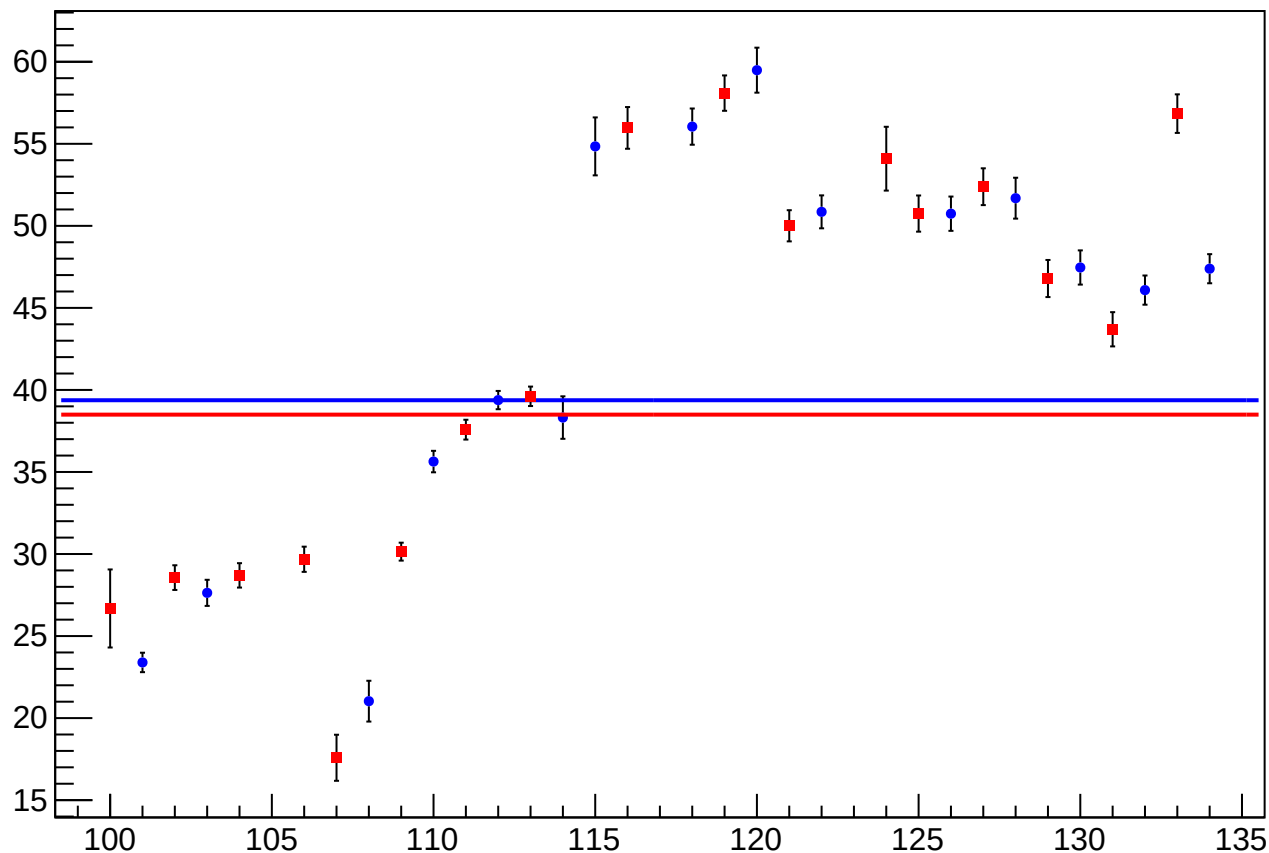
Right: 0.932 $\pm$ 0.152 χ^2 /NDF: 5430.8/31

In: 1.337 $\pm$ 0.216 χ^2 /NDF:3077.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.932 $\pm$ 0.152 χ^2 /NDF: 5430.8/31

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 39.372 $\pm$ 0.230 χ^2 /NDF: 2261.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.495 $\pm$ 0.214 χ^2 /NDF: 2295.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

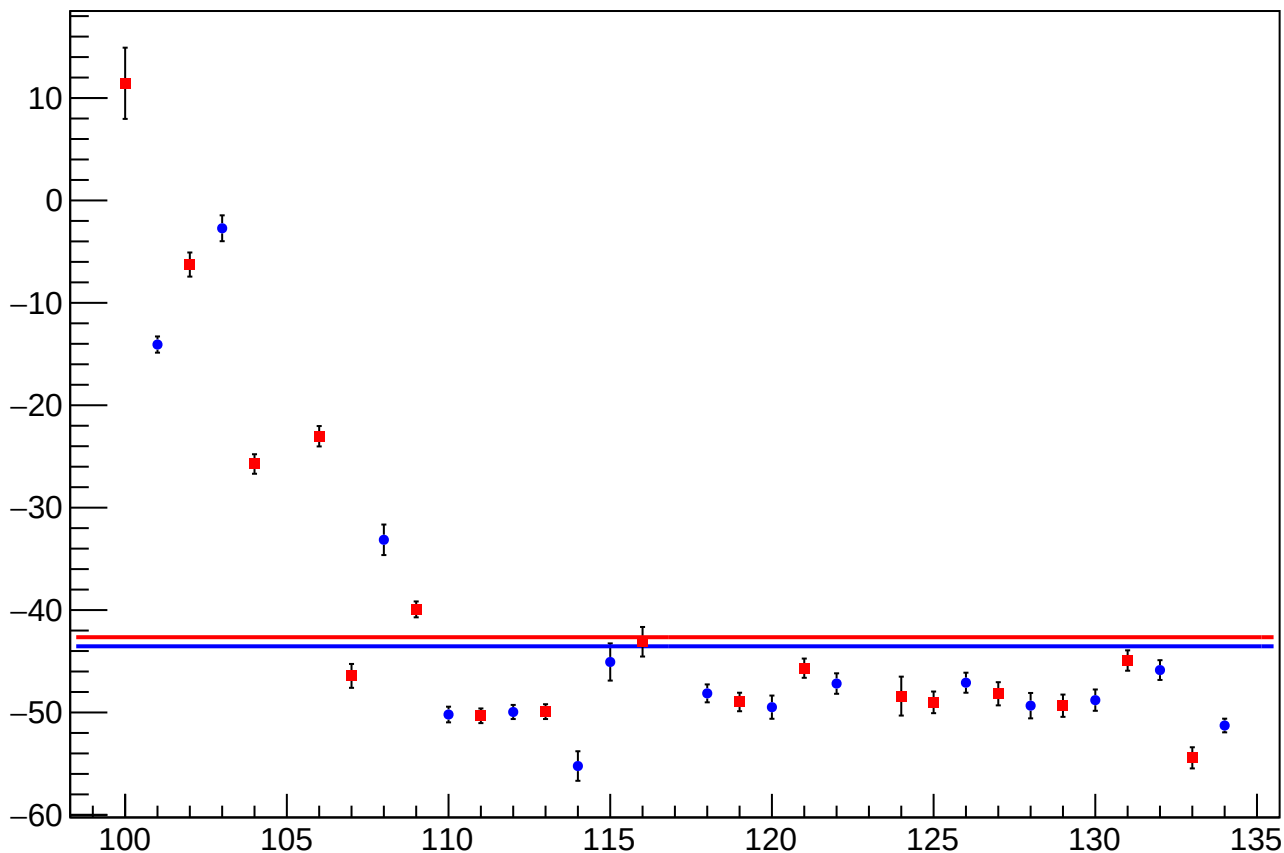
Right: 38.902 $\pm$ 0.157 χ^2 /NDF: 4564.1/31

In: 39.372 $\pm$ 0.230 χ^2 /NDF:2261.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.902 $\pm$ 0.157 χ^2 /NDF: 4564.1/31

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -43.539 ± 0.248 χ^2/NDF : 2977.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.650 ± 0.244 χ^2/NDF : 2441.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

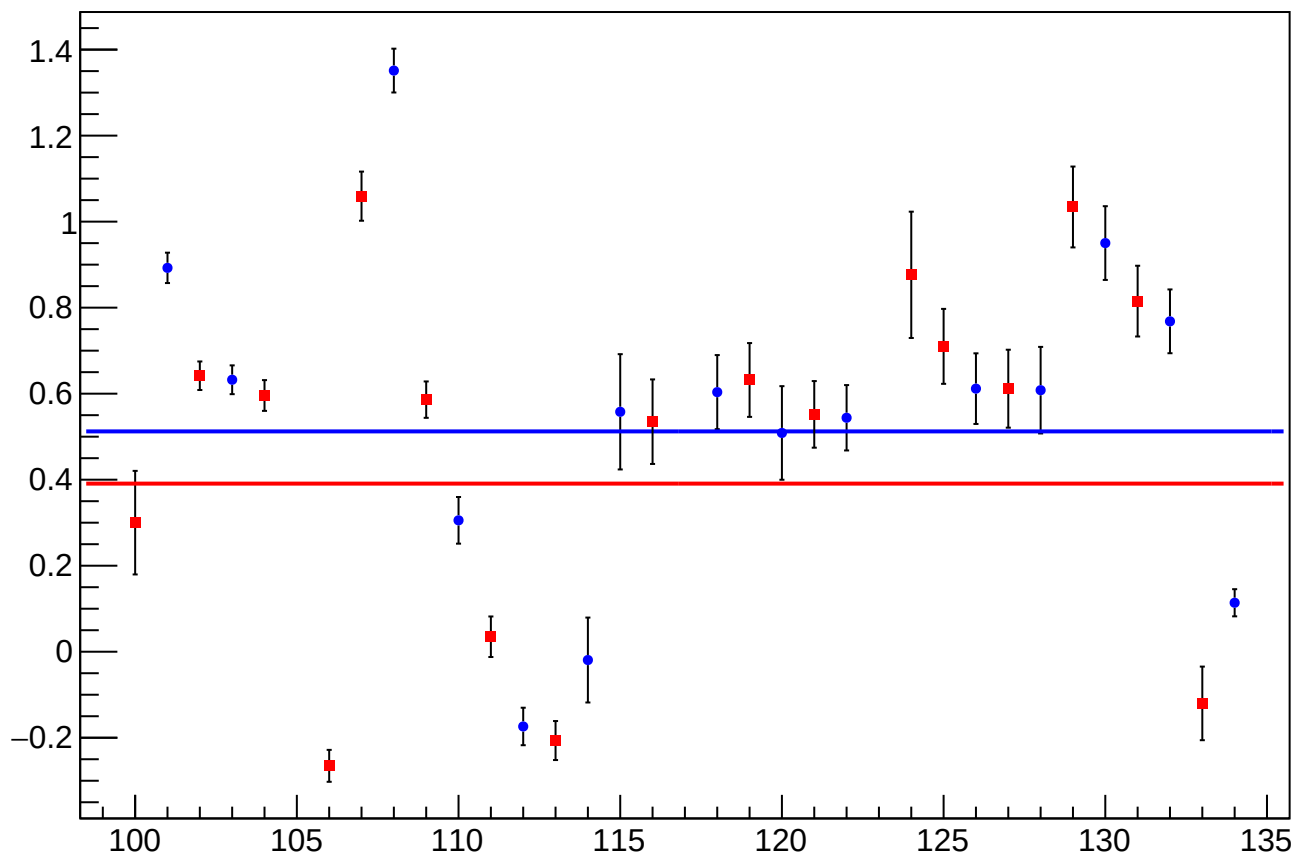
Right: -43.088 ± 0.174 χ^2/NDF : 5425.8/31

In: -43.539 ± 0.248 χ^2/NDF : 2977.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.088 ± 0.174 χ^2/NDF : 5425.8/31

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.512+/-0.014 χ^2/NDF : 892.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.391+/-0.014 χ^2/NDF : 945.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

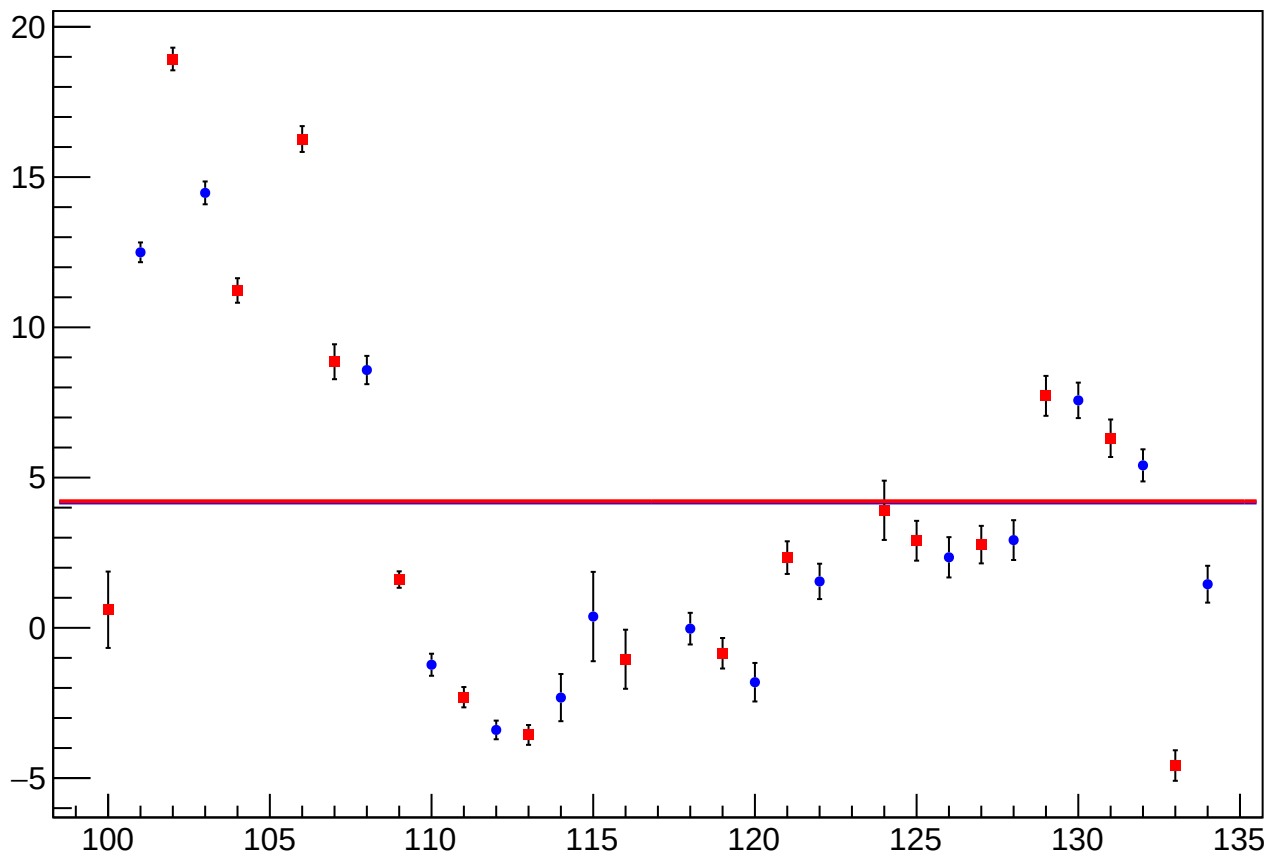
Right: 0.450+/-0.010 χ^2/NDF : 1876.7/31

In: 0.512+/-0.014 χ^2/NDF :892.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.450+/-0.010 χ^2/NDF : 1876.7/31

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.173+/-0.126 χ^2/NDF : 2590.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.211+/-0.115 χ^2/NDF : 4183.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

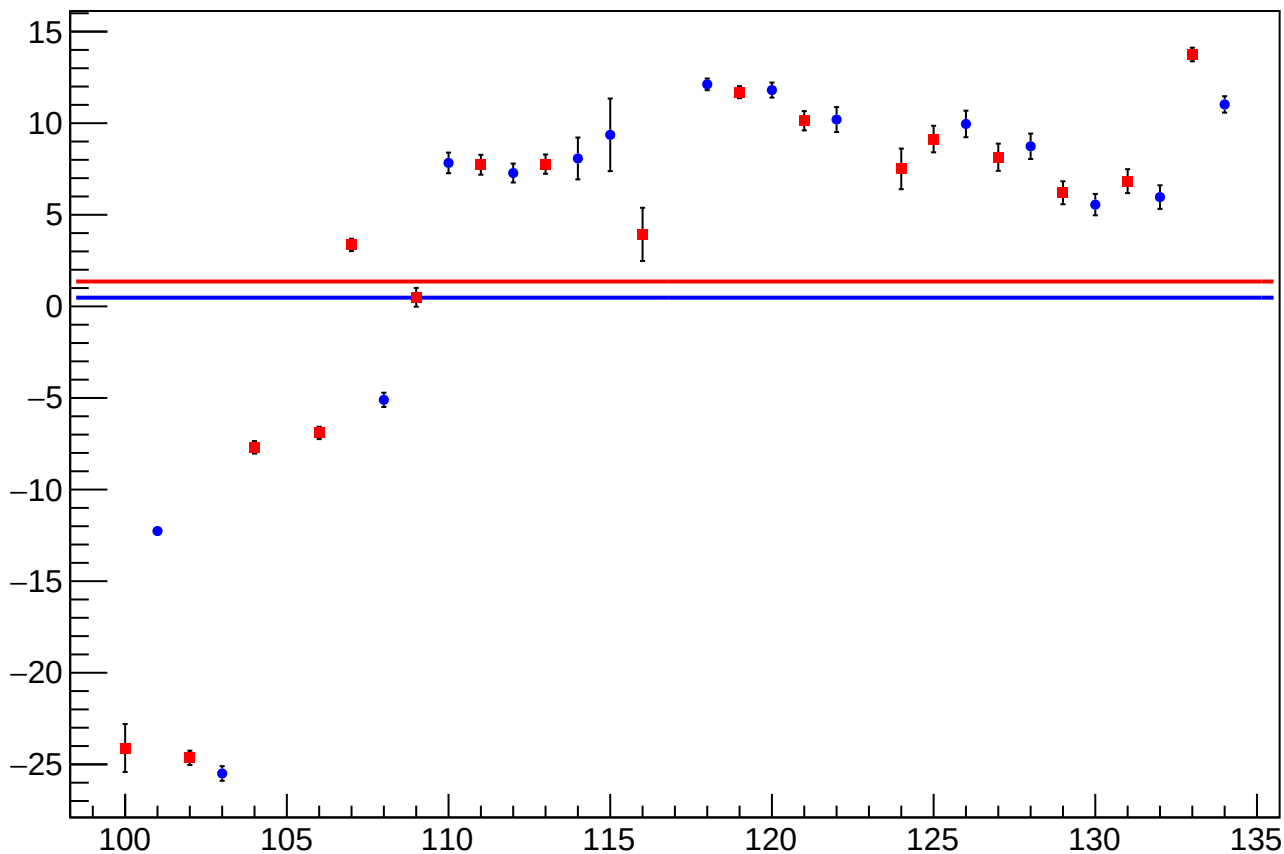
Right: 4.194+/-0.085 χ^2/NDF : 6774.2/31

In: 4.173+/-0.126 χ^2/NDF :2590.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.194+/-0.085 χ^2/NDF : 6774.2/31

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.475+/-0.122 χ^2/NDF : 10415.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.358+/-0.116 χ^2/NDF : 9192.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

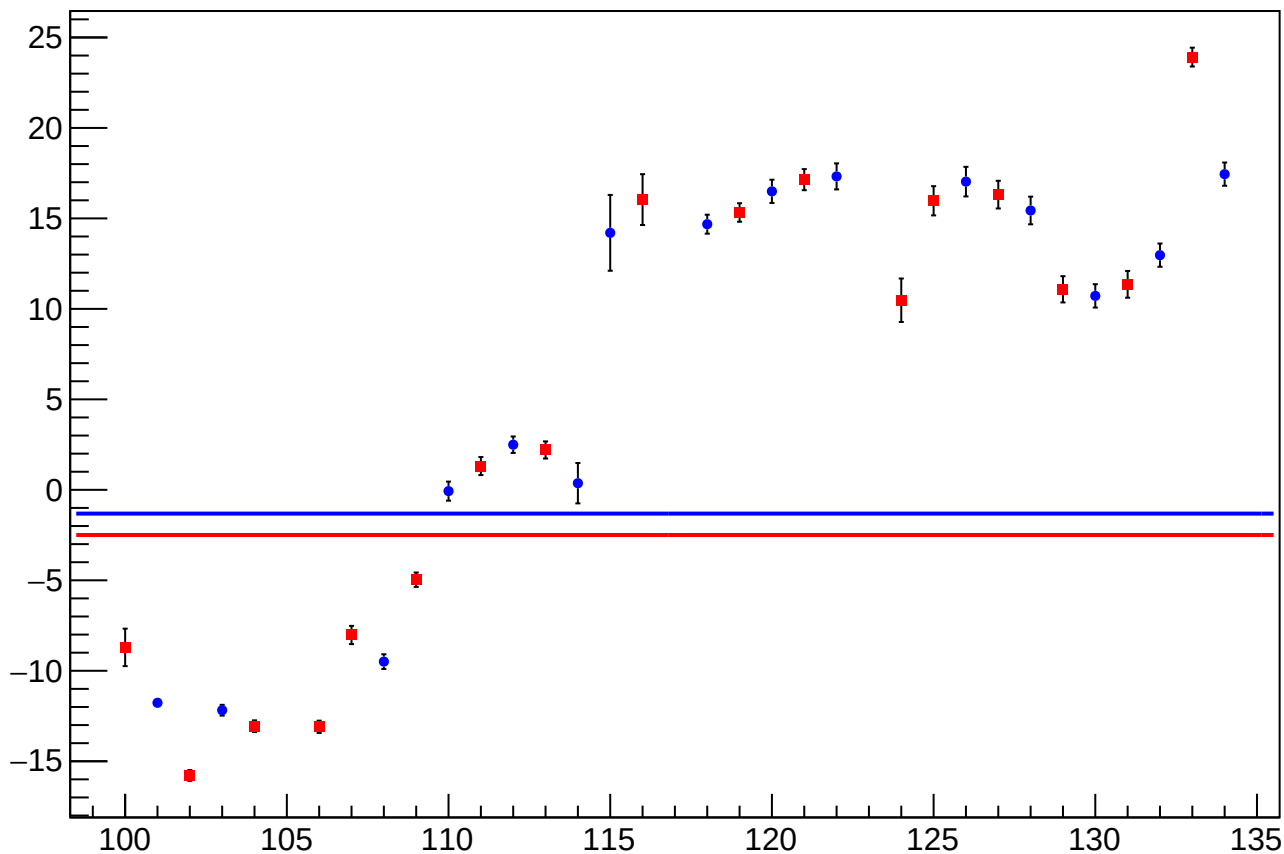
Right: 0.939+/-0.084 χ^2/NDF : 19635.4/31

In: 0.475+/-0.122 χ^2/NDF : 10415.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.939+/-0.084 χ^2/NDF : 19635.4/31

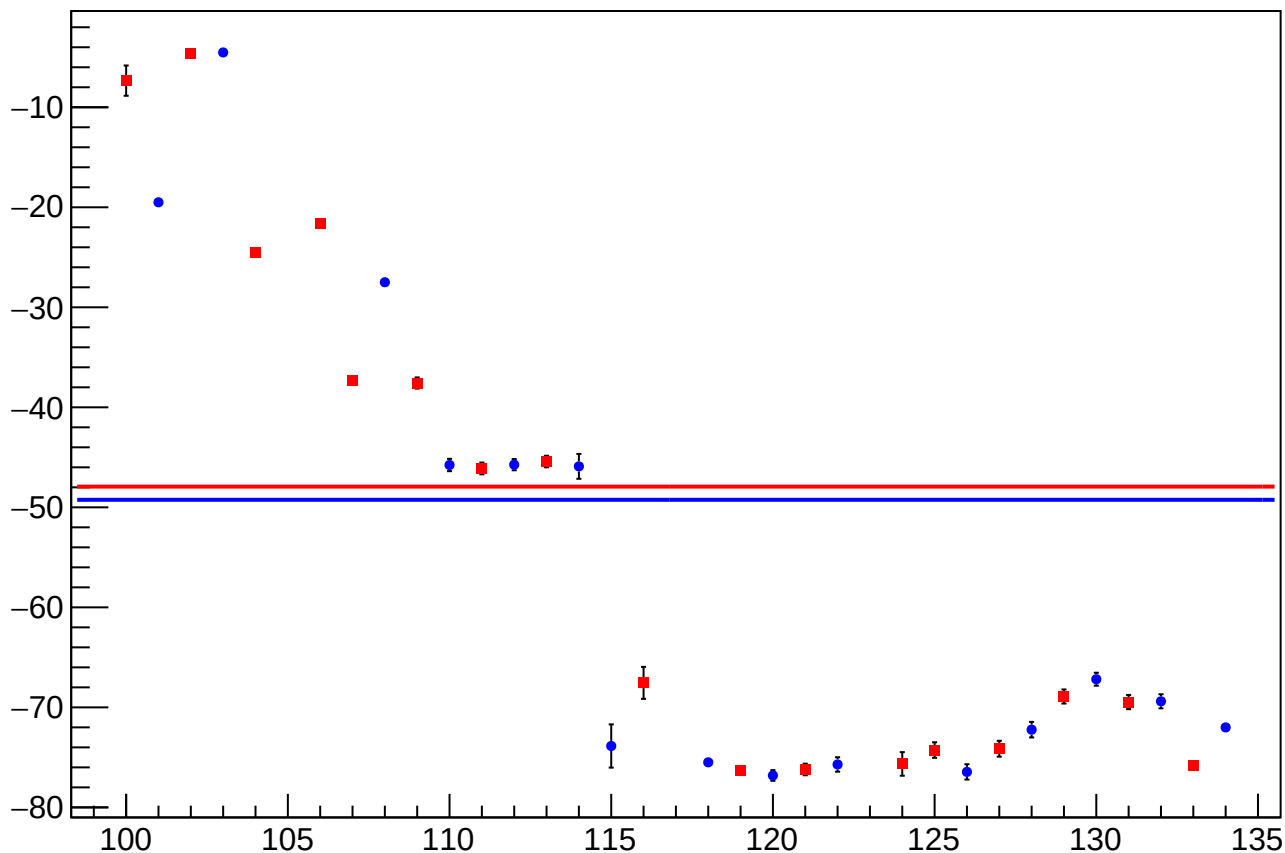
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.314+/-0.129 χ^2/NDF : 8570.6/14
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.495+/-0.121 χ^2/NDF : 11470.1/16
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.940+/-0.088 χ^2/NDF : 20085.3/31
 In: -1.314+/-0.129 χ^2/NDF :8570.6/14
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.940+/-0.088 χ^2/NDF : 20085.3/31

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -49.247+/-0.146 χ^2/NDF : 32393.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.927+/-0.139 χ^2/NDF : 32028.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

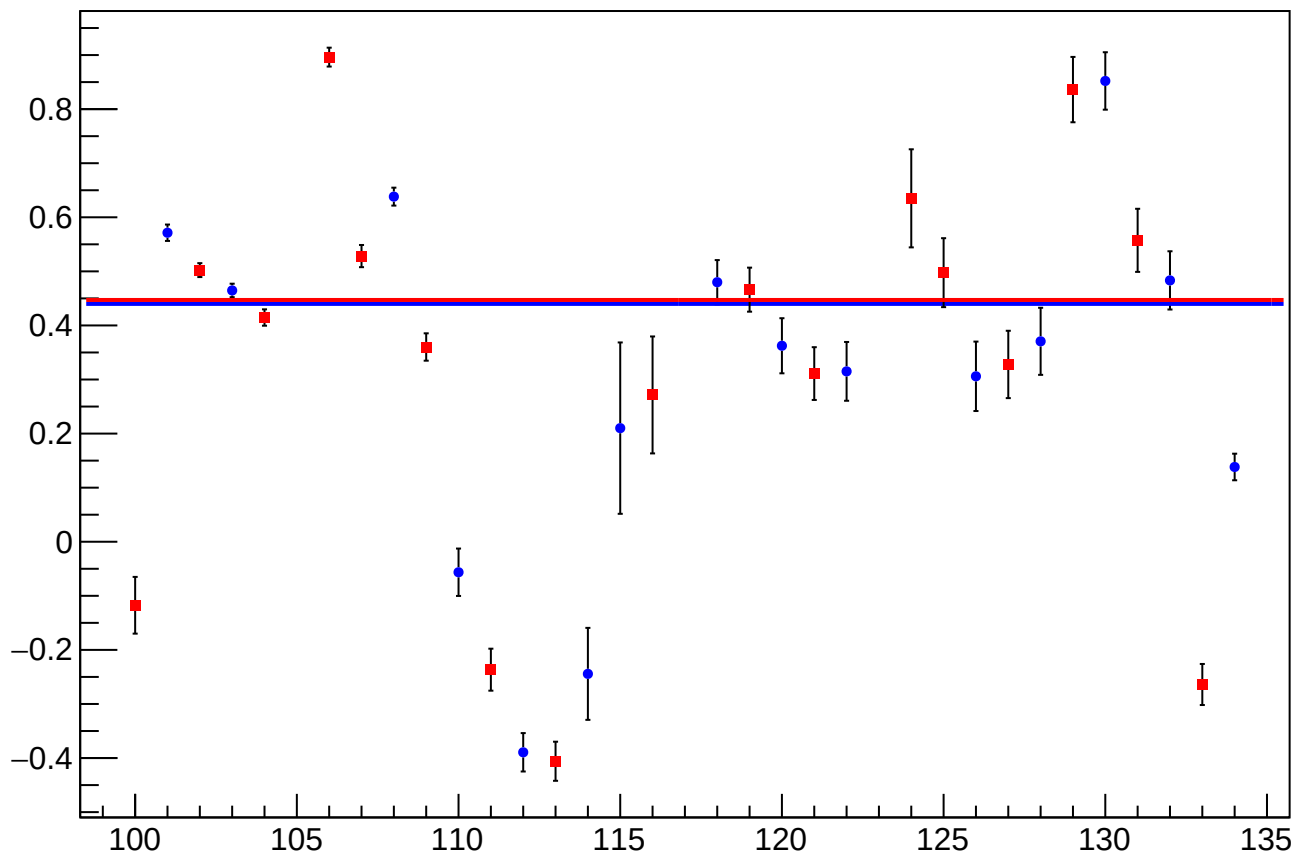
Right: -48.554+/-0.101 χ^2/NDF : 64465.0/31

In: -49.247+/-0.146 χ^2/NDF : 32393.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.554+/-0.101 χ^2/NDF : 64465.0/31

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.440+/-0.007 χ^2/NDF : 1188.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.447+/-0.007 χ^2/NDF : 2109.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

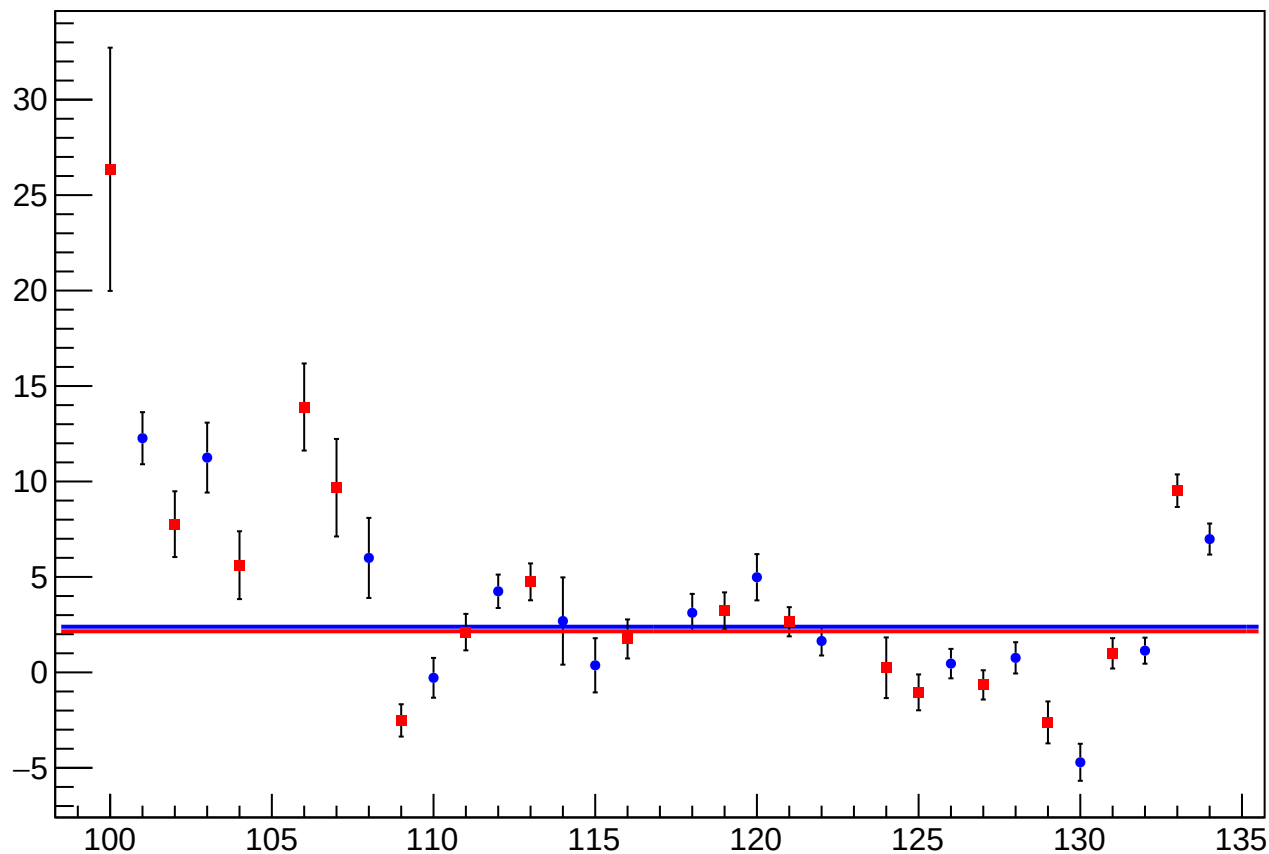
Right: 0.444+/-0.005 χ^2/NDF : 3298.8/31

In: 0.440+/-0.007 χ^2/NDF :1188.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.444+/-0.005 χ^2/NDF : 3298.8/31

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.392 $\pm$ 0.256 χ^2 /NDF: 197.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.152 $\pm$ 0.255 χ^2 /NDF: 225.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

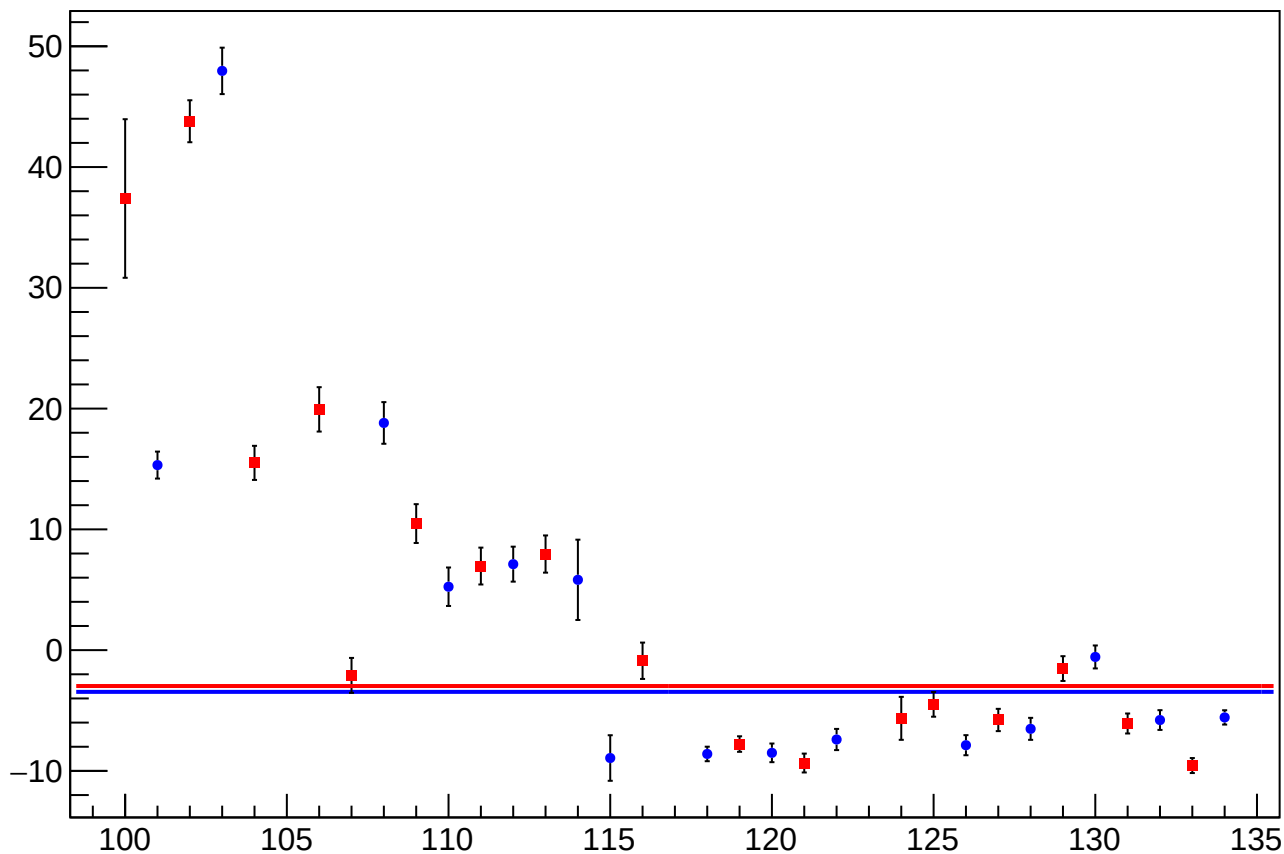
Right: 2.272 $\pm$ 0.181 χ^2 /NDF: 422.9/31

In: 2.392 $\pm$ 0.256 χ^2 /NDF:197.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.272 $\pm$ 0.181 χ^2 /NDF: 422.9/31

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.456+/-0.246 χ^2/NDF : 1469.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.972+/-0.260 χ^2/NDF : 1518.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

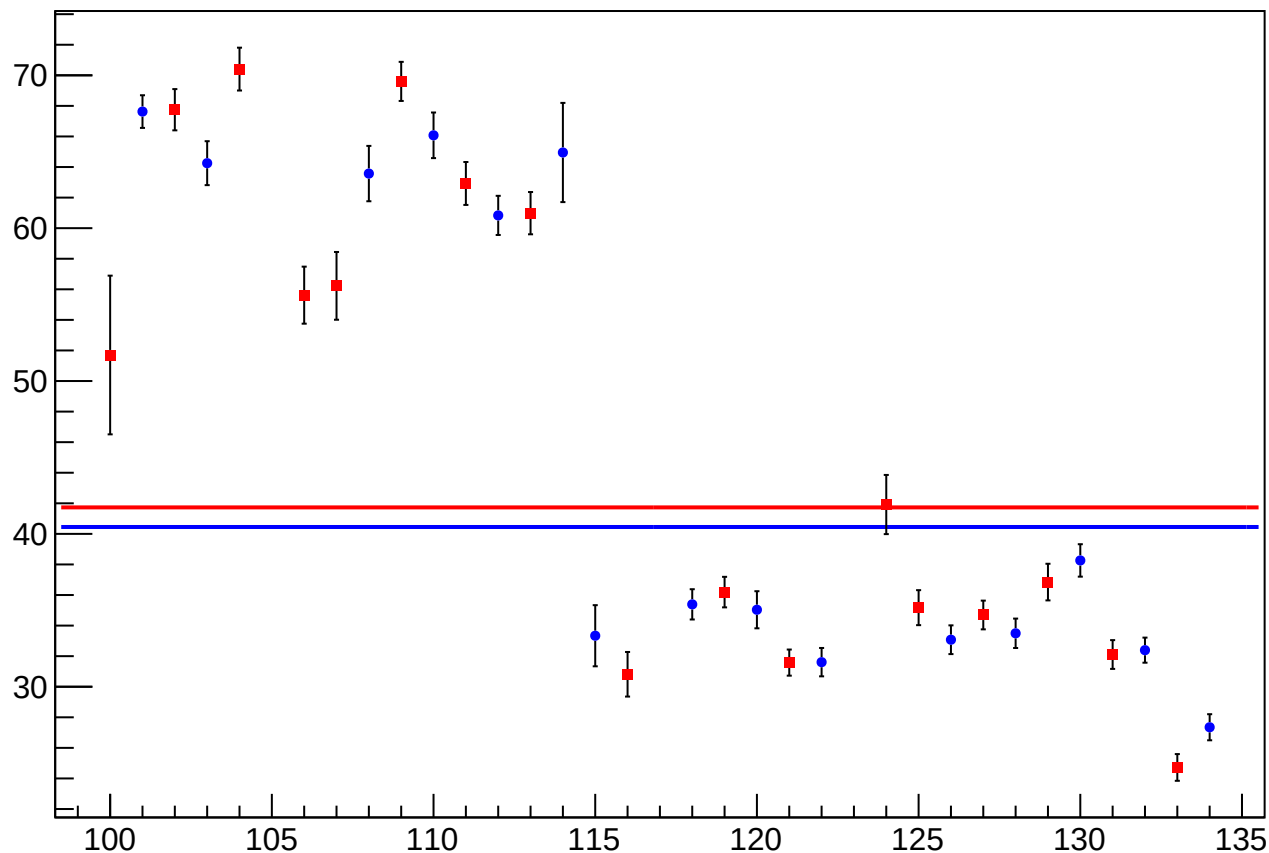
Right: -3.227+/-0.179 χ^2/NDF : 2989.8/31

In: -3.456+/-0.246 χ^2/NDF :1469.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.227+/-0.179 χ^2/NDF : 2989.8/31

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.451+/-0.290 χ^2/NDF : 2289.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.732+/-0.297 χ^2/NDF : 2605.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

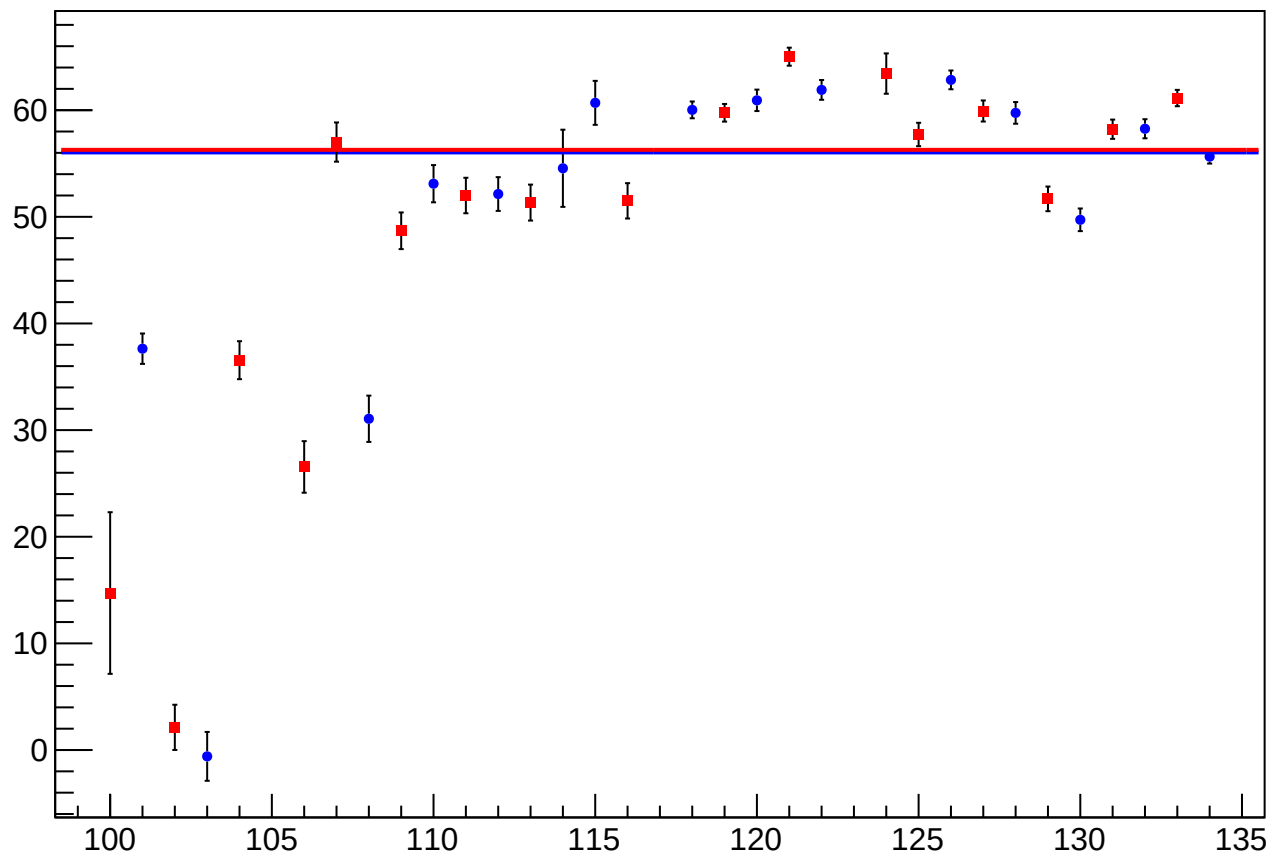
Right: 41.077+/-0.207 χ^2/NDF : 4904.8/31

In: 40.451+/-0.290 χ^2/NDF : 2289.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.077+/-0.207 χ^2/NDF : 4904.8/31

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.040 $\pm$ 0.283 χ^2 /NDF: 1128.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.280 $\pm$ 0.300 χ^2 /NDF: 1214.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

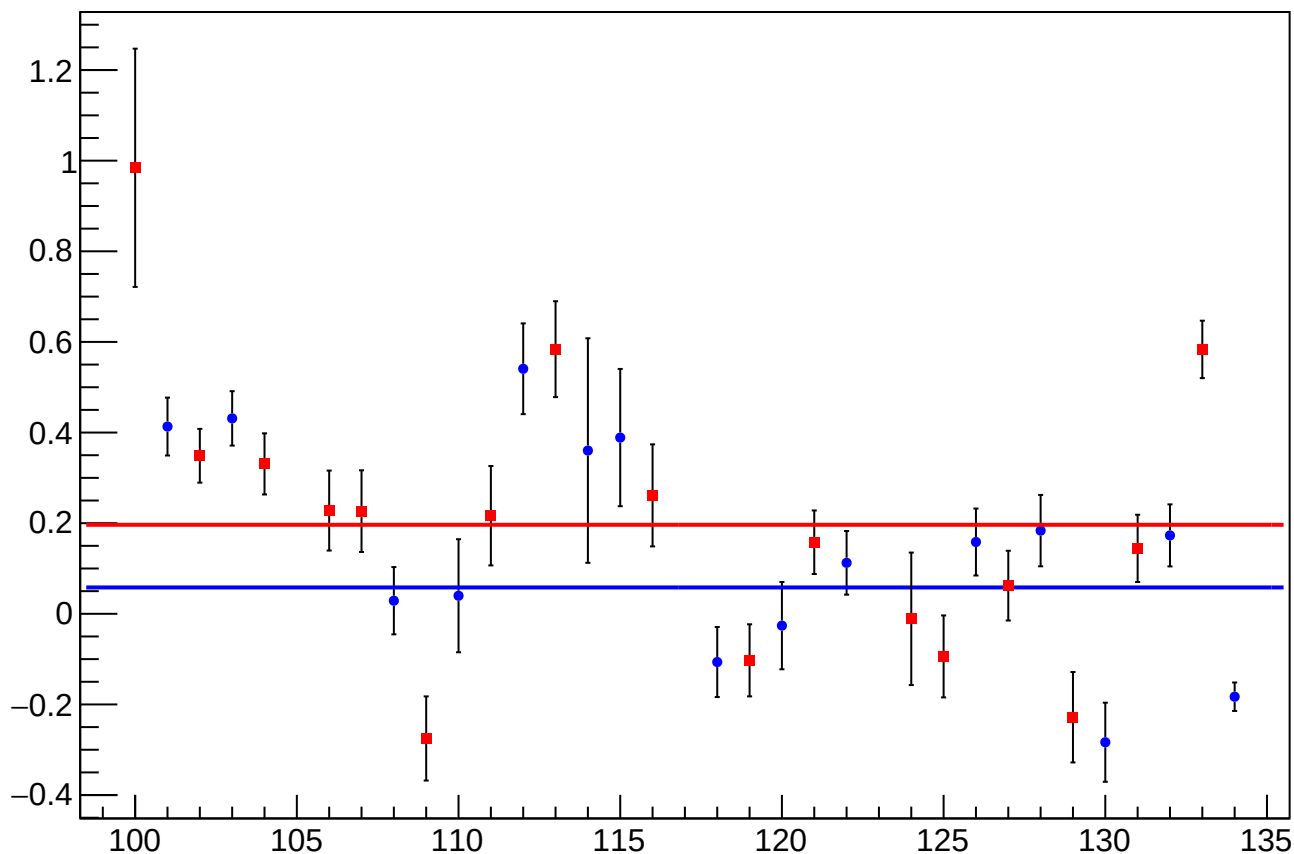
Right: 56.153 $\pm$ 0.206 χ^2 /NDF: 2343.5/31

In: 56.040 $\pm$ 0.283 χ^2 /NDF:1128.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.153 $\pm$ 0.206 χ^2 /NDF: 2343.5/31

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.058+/-0.018 χ^2/NDF : 186.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.196+/-0.021 χ^2/NDF : 145.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

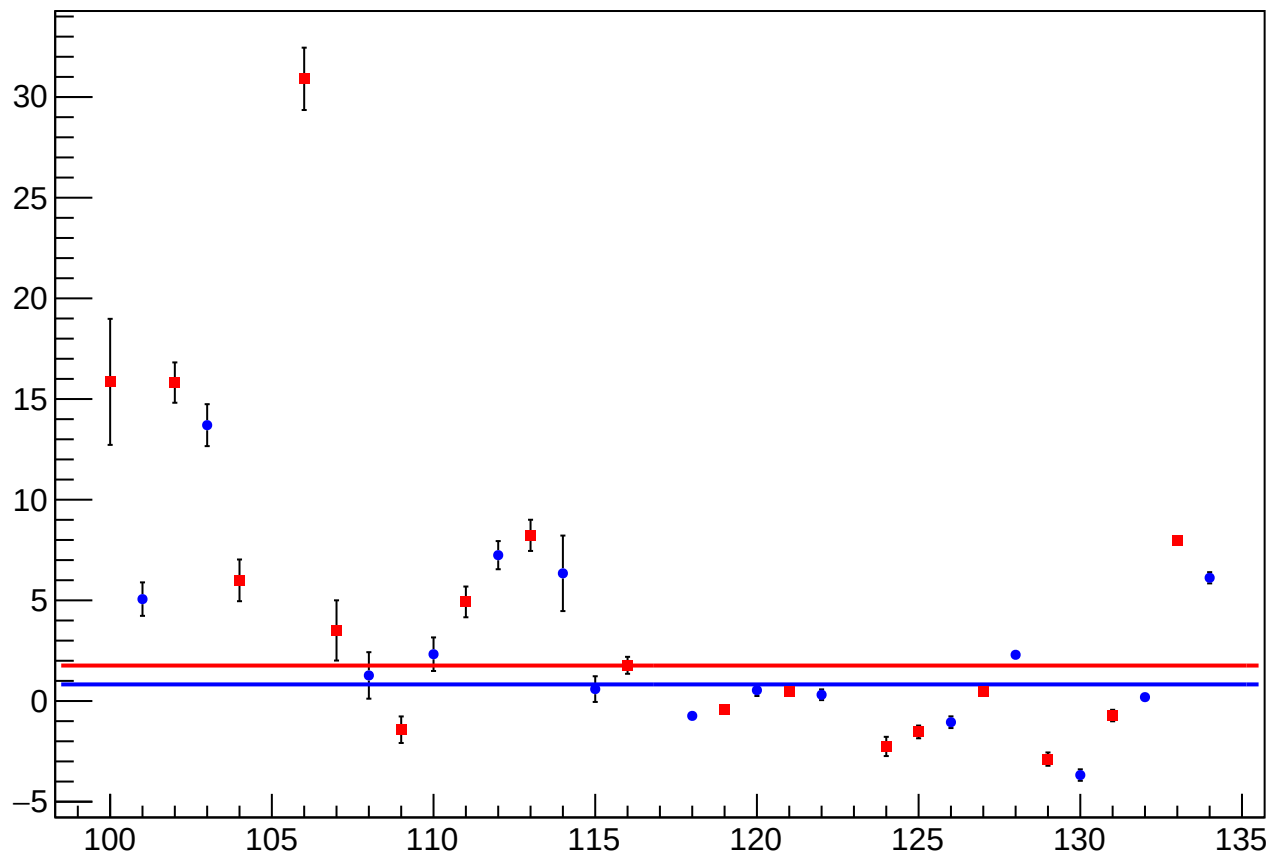
Right: 0.118+/-0.014 χ^2/NDF : 357.2/31

In: 0.058+/-0.018 χ^2/NDF : 186.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.118+/-0.014 χ^2/NDF : 357.2/31

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.825+/-0.090 χ^2/NDF : 1015.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.762+/-0.088 χ^2/NDF : 2340.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

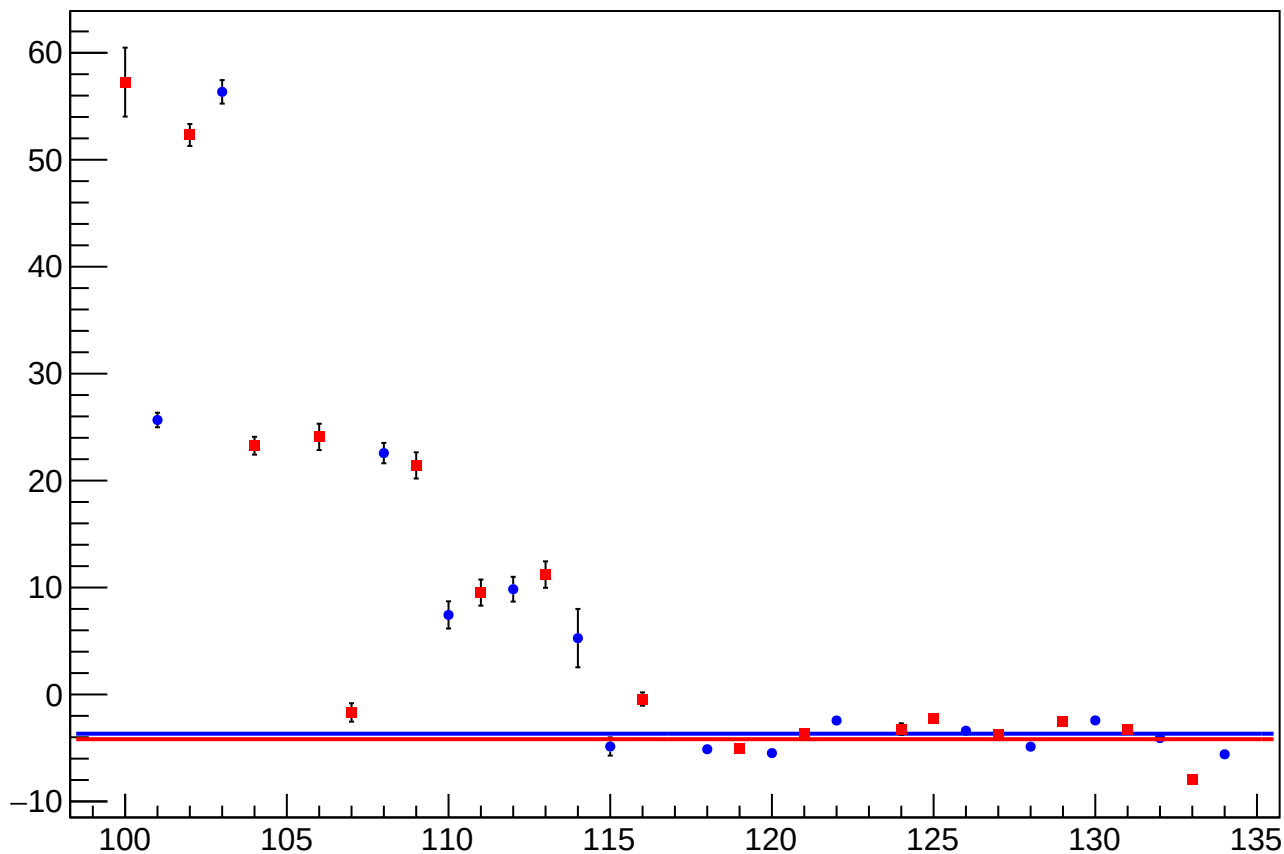
Right: 1.309+/-0.063 χ^2/NDF : 3411.4/31

In: 0.825+/-0.090 χ^2/NDF : 1015.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.309+/-0.063 χ^2/NDF : 3411.4/31

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.668+/-0.078 χ^2/NDF : 6185.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.183+/-0.077 χ^2/NDF : 6583.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

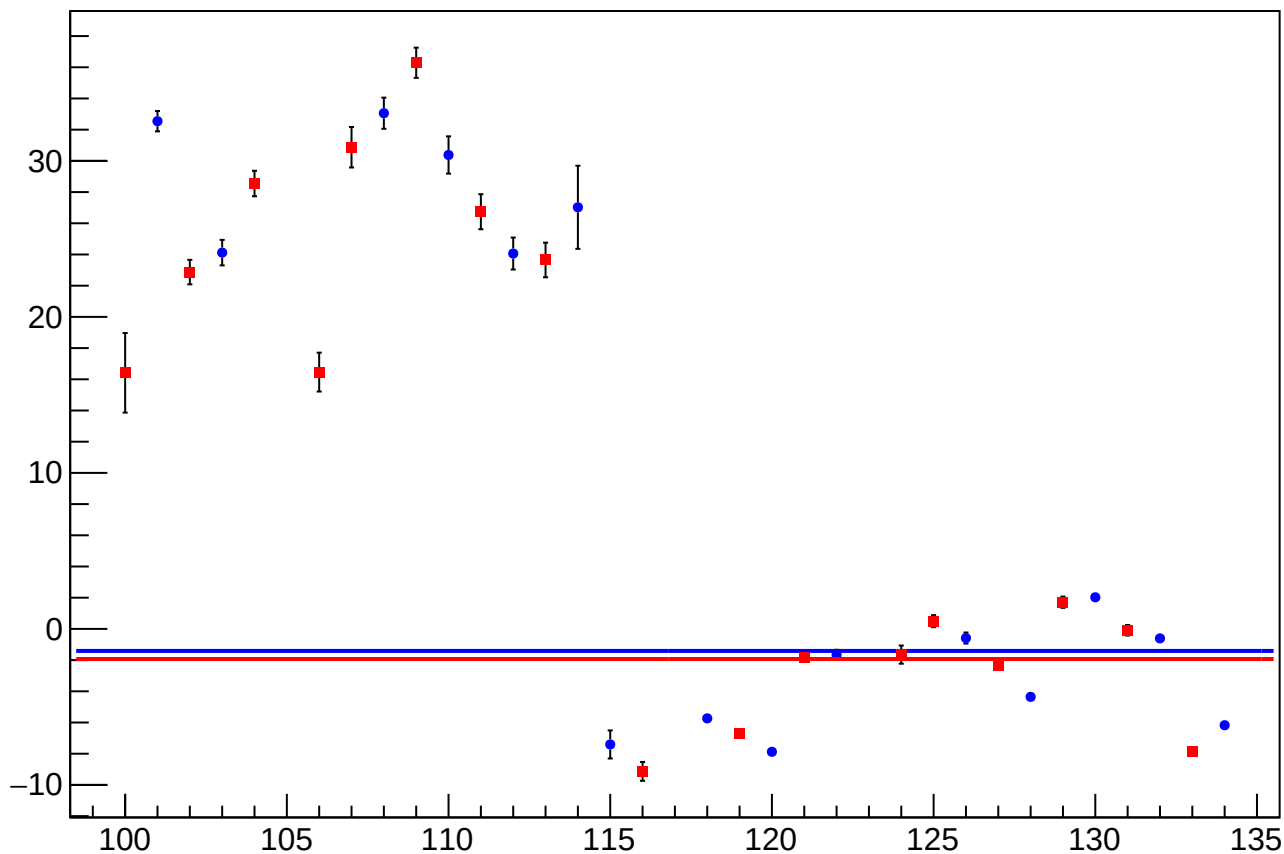
Right: -3.928+/-0.055 χ^2/NDF : 12791.4/31

In: -3.668+/-0.078 χ^2/NDF :6185.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.928+/-0.055 χ^2/NDF : 12791.4/31

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.412 $\pm$ 0.100 χ^2 /NDF: 7717.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.929 $\pm$ 0.097 χ^2 /NDF: 7689.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

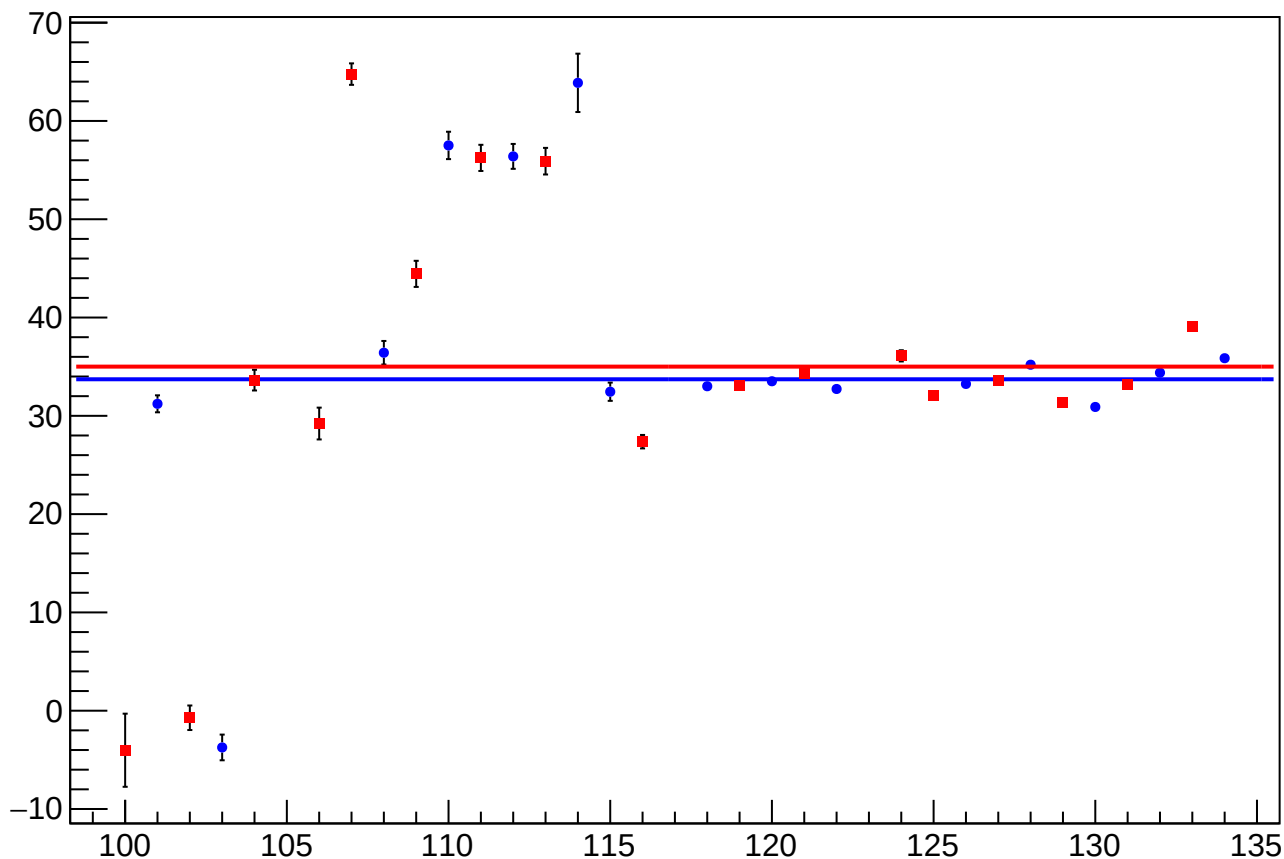
Right: -1.679 $\pm$ 0.069 χ^2 /NDF: 15421.5/31

In: -1.412 $\pm$ 0.100 χ^2 /NDF:7717.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.679 $\pm$ 0.069 χ^2 /NDF: 15421.5/31

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.719+/-0.092 χ^2/NDF : 1770.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.006+/-0.091 χ^2/NDF : 3237.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

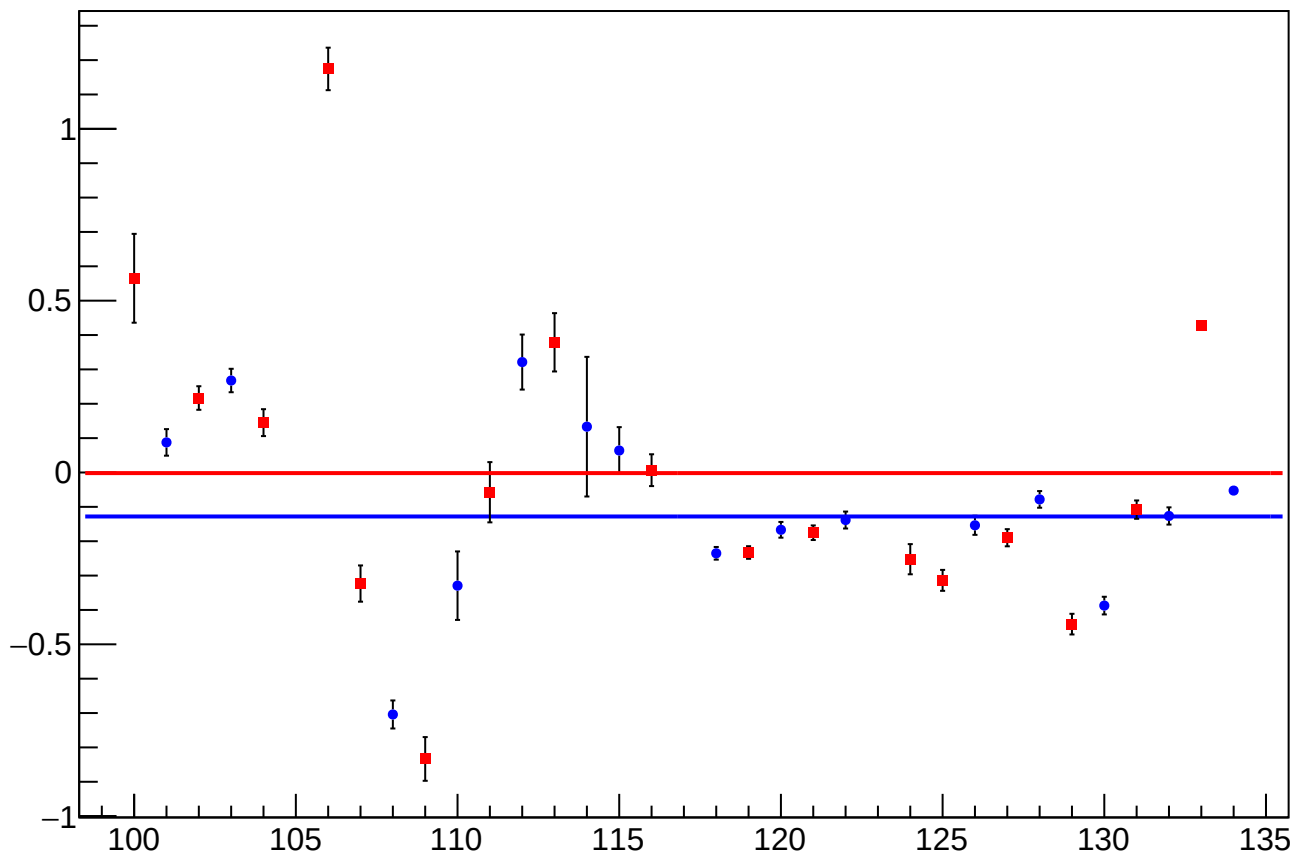
Right: 34.373+/-0.065 χ^2/NDF : 5106.5/31

In: 33.719+/-0.092 χ^2/NDF : 1770.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.373+/-0.065 χ^2/NDF : 5106.5/31

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.128 ± 0.007 χ^2/NDF : 592.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.007 χ^2/NDF : 2229.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

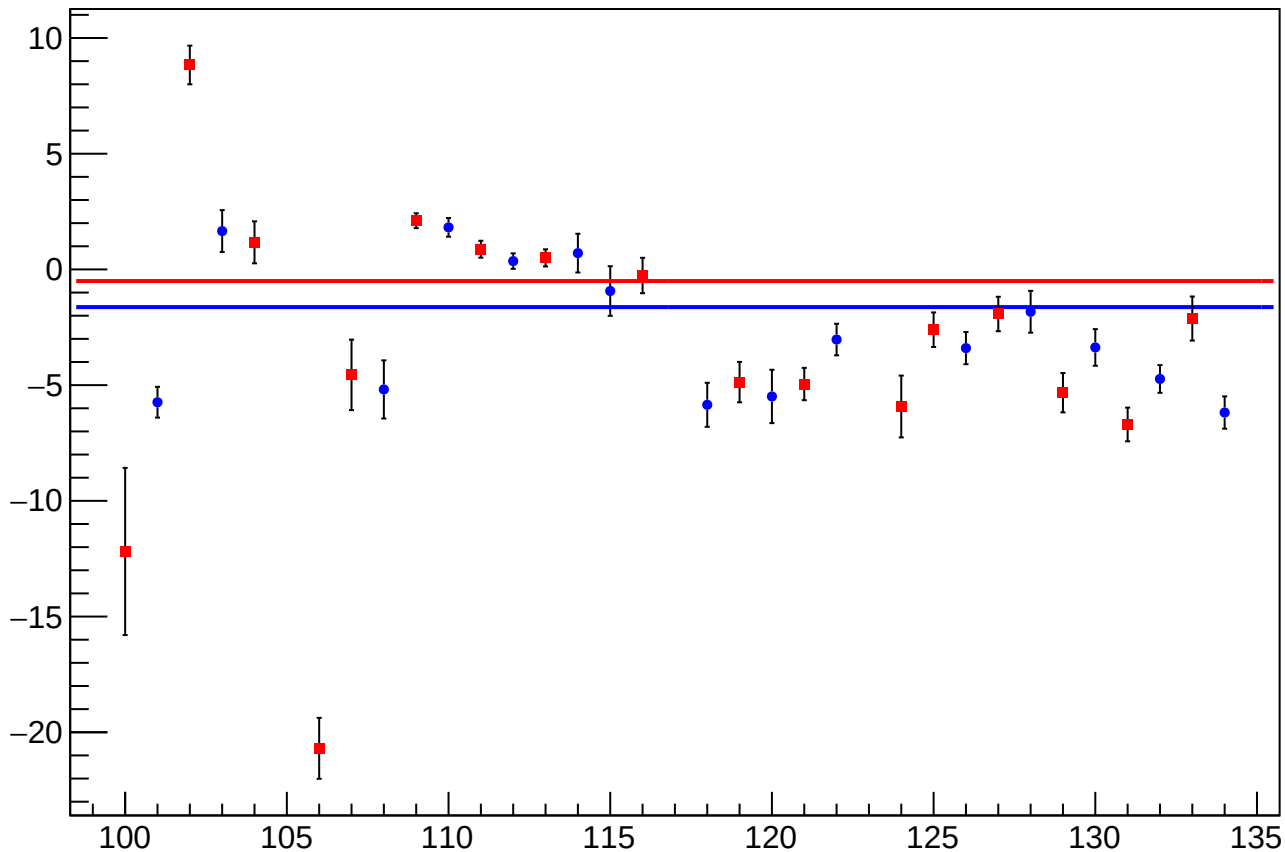
Right: -0.069 ± 0.005 χ^2/NDF : 2984.4/31

In: -0.128 ± 0.007 χ^2/NDF : 592.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.069 ± 0.005 χ^2/NDF : 2984.4/31

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.628+/-0.169 χ^2/NDF : 291.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.501+/-0.155 χ^2/NDF : 669.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

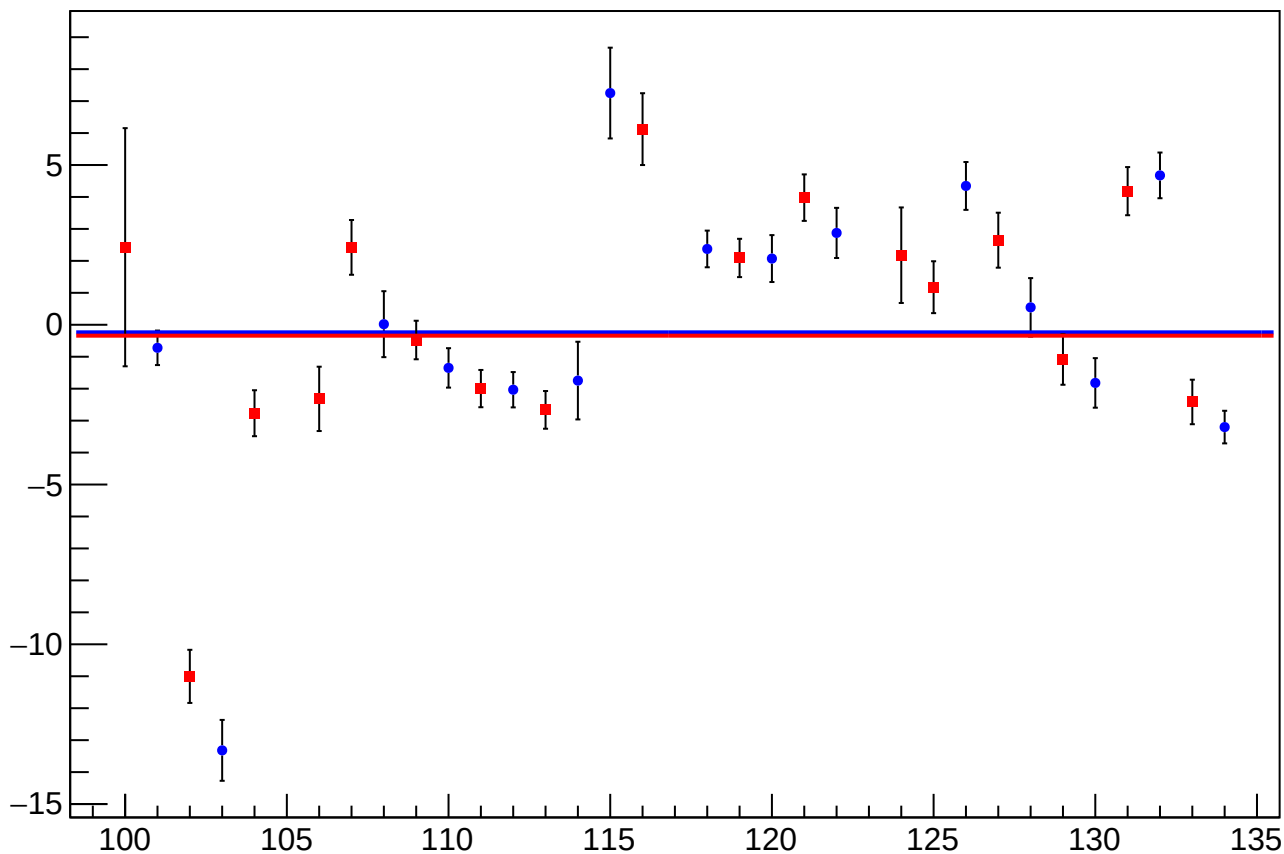
Right: -1.016+/-0.114 χ^2/NDF : 985.7/31

In: -1.628+/-0.169 χ^2/NDF : 291.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.016+/-0.114 χ^2/NDF : 985.7/31

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.237+/-0.184 χ^2/NDF : 402.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.341+/-0.187 χ^2/NDF : 363.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

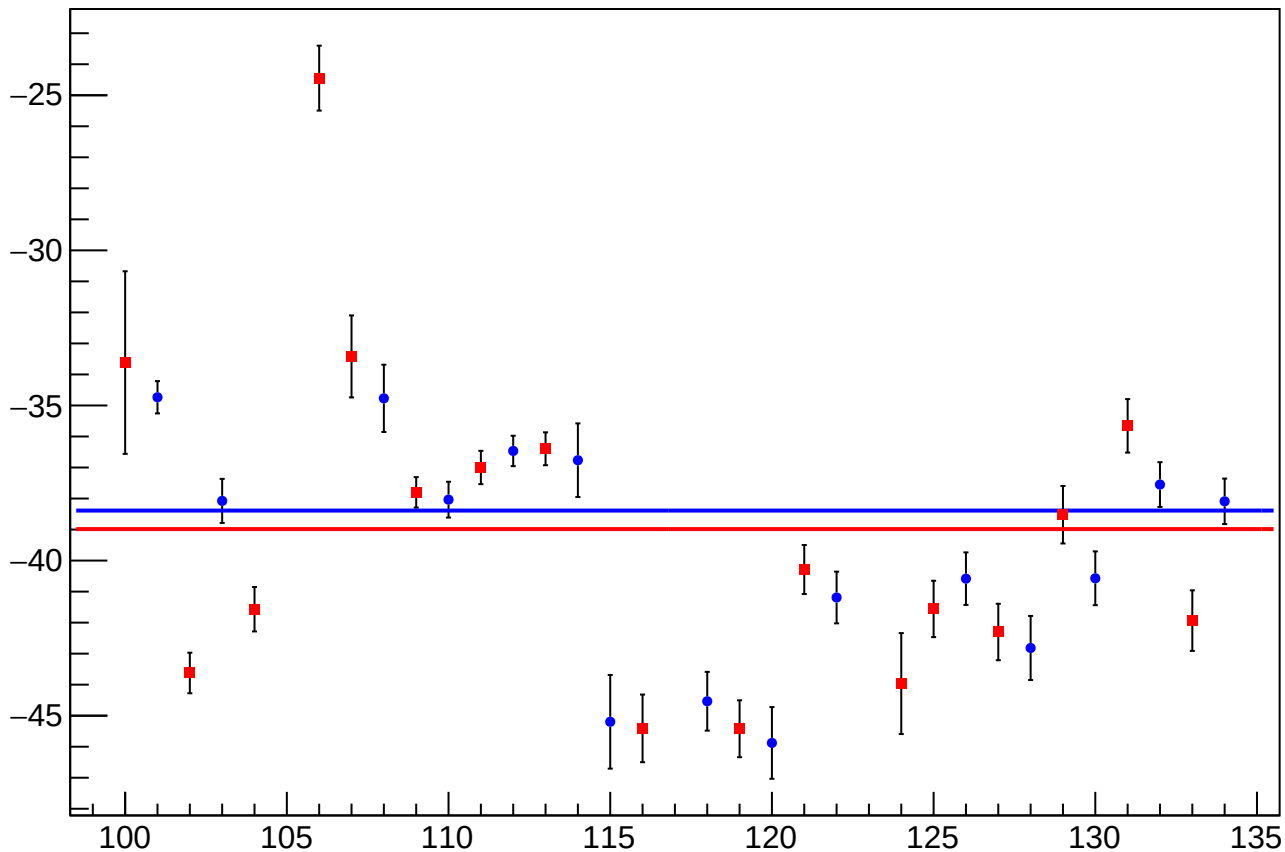
Right: -0.288+/-0.131 χ^2/NDF : 765.6/31

In: -0.237+/-0.184 χ^2/NDF :402.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.288+/-0.131 χ^2/NDF : 765.6/31

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.388 $\pm$ 0.198 χ^2 /NDF: 226.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.985 $\pm$ 0.192 χ^2 /NDF: 462.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

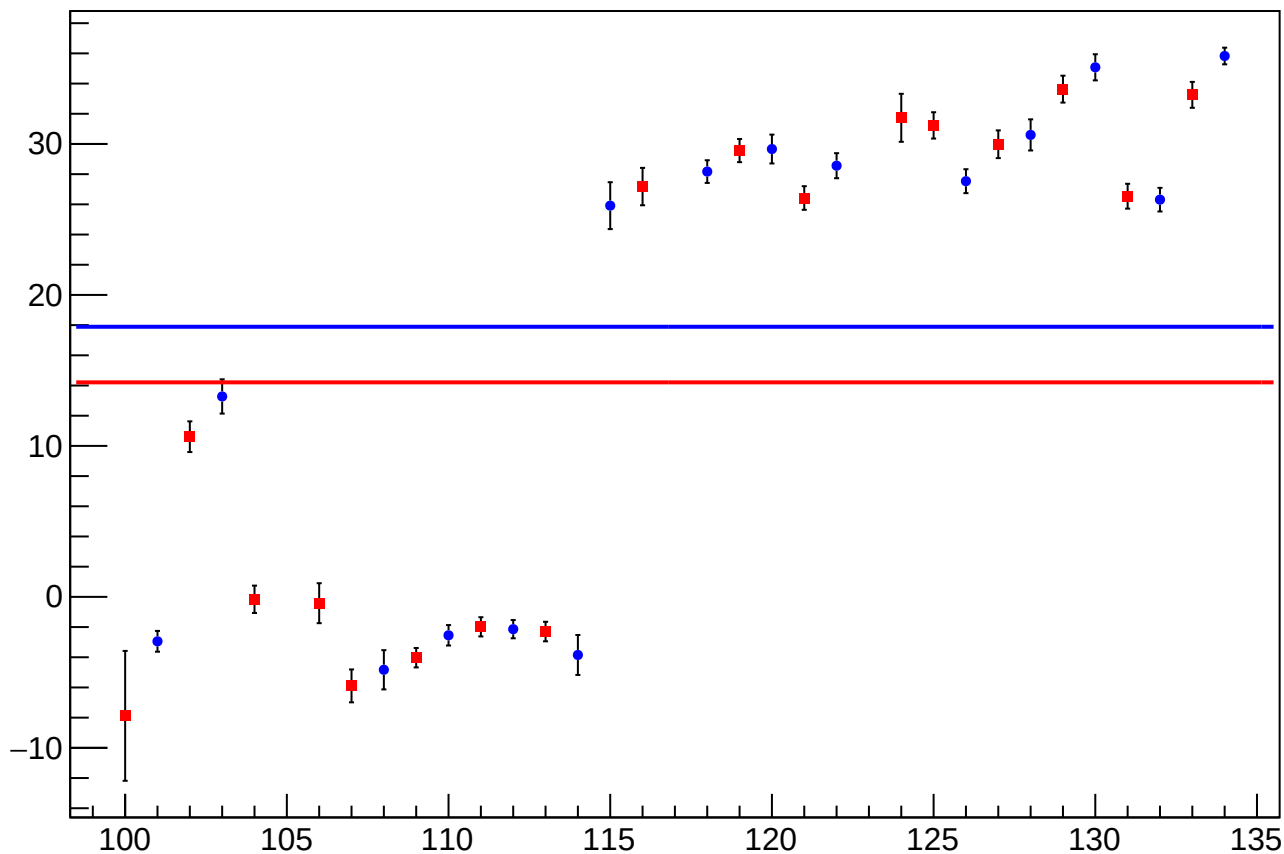
Right: -38.695 $\pm$ 0.138 χ^2 /NDF: 694.0/31

In: -38.388 $\pm$ 0.198 χ^2 /NDF: 226.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.695 $\pm$ 0.138 χ^2 /NDF: 694.0/31

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.891+/-0.211 χ^2/NDF : 5914.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.209+/-0.214 χ^2/NDF : 5598.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

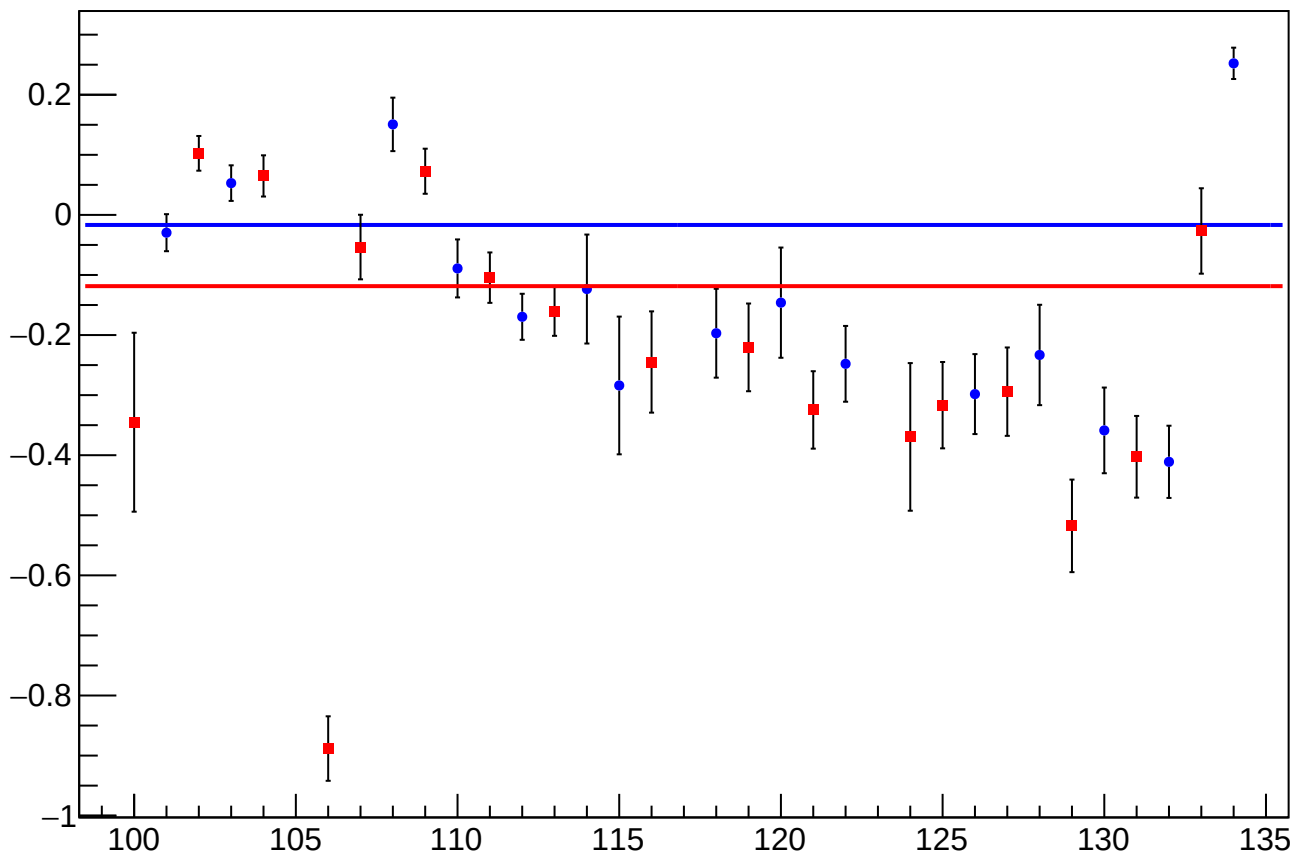
Right: 16.074+/-0.150 χ^2/NDF : 11662.9/31

In: 17.891+/-0.211 χ^2/NDF : 5914.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.074+/-0.150 χ^2/NDF : 11662.9/31

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.017+/-0.012 χ^2 /NDF: 263.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.119+/-0.013 χ^2 /NDF: 401.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

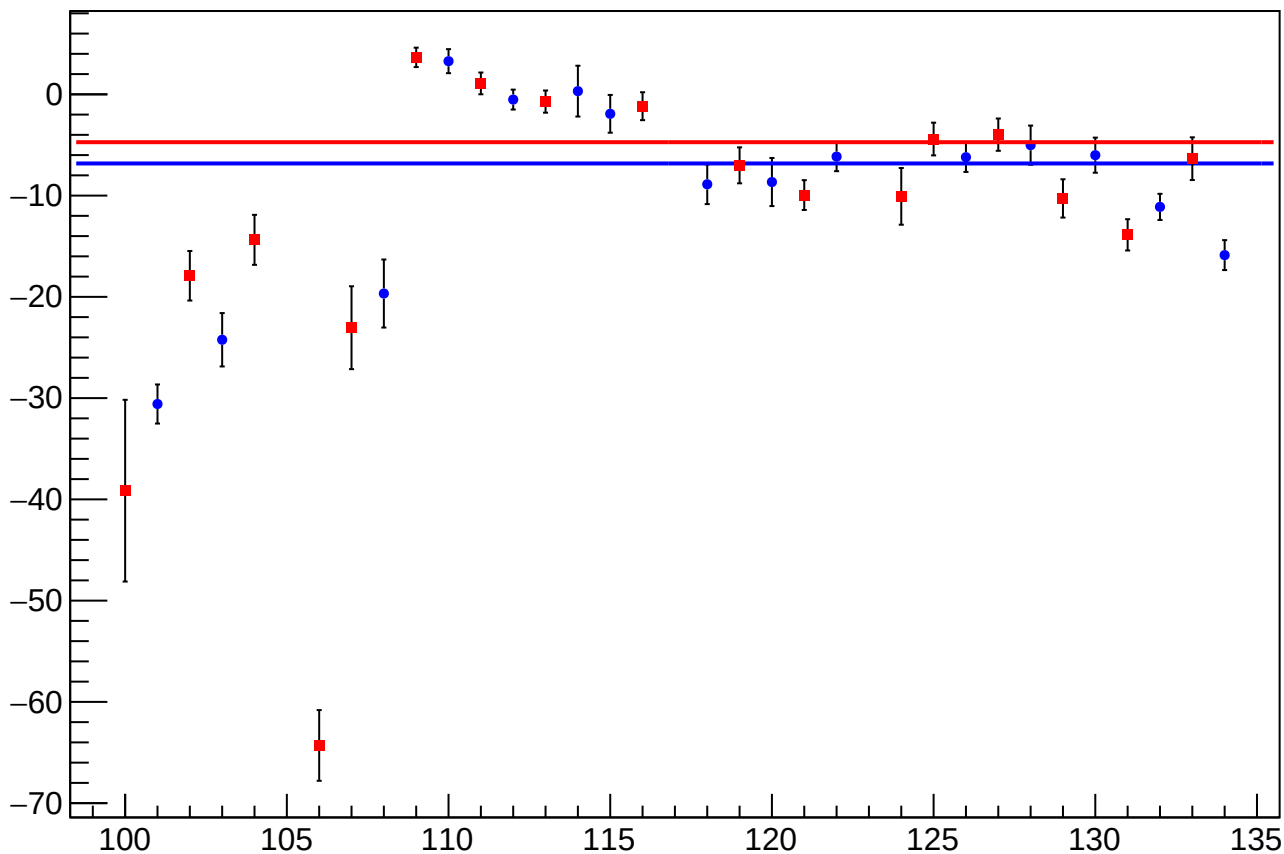
Right: -0.065+/-0.009 χ^2 /NDF: 698.9/31

In: -0.017+/-0.012 χ^2 /NDF:263.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.065+/-0.009 χ^2 /NDF: 698.9/31

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.827 ± 0.417 χ^2/NDF : 390.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.725 ± 0.395 χ^2/NDF : 558.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

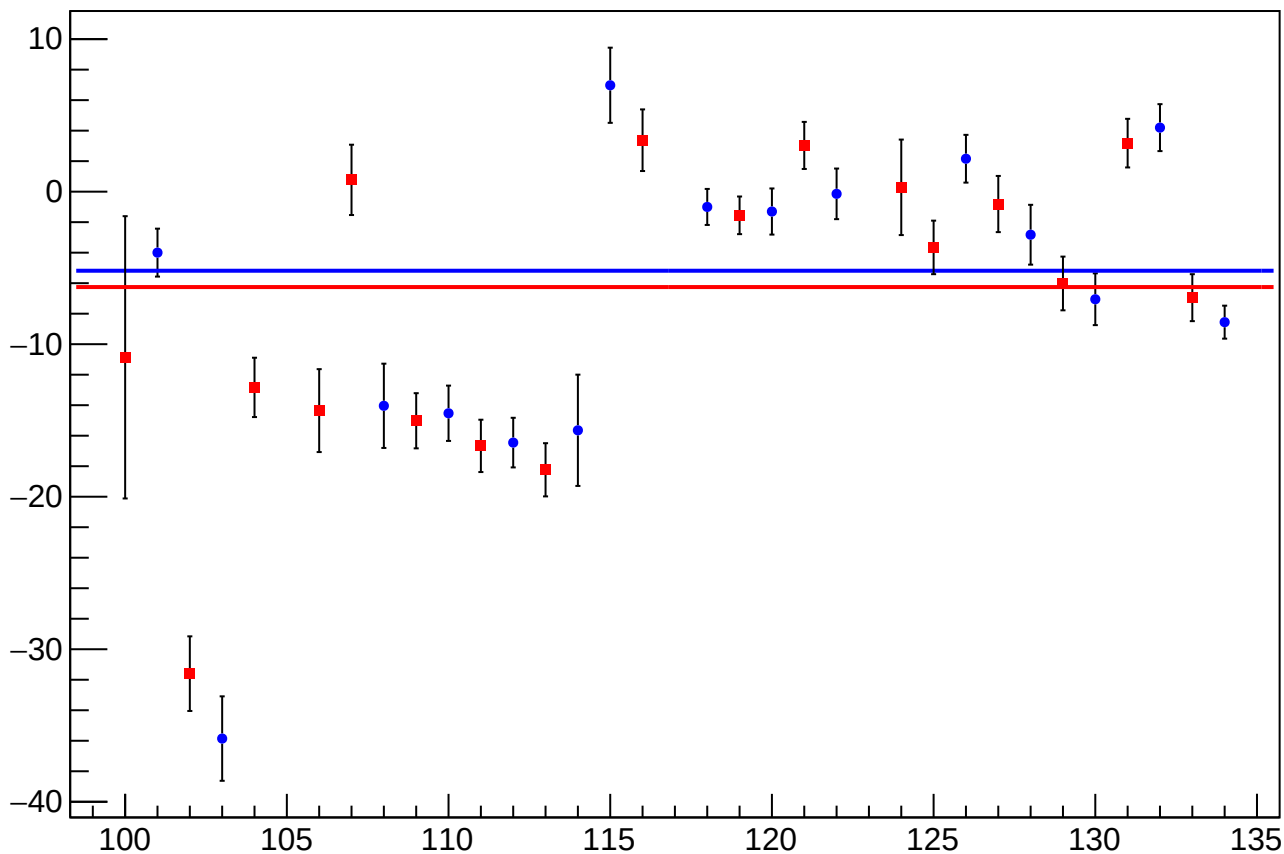
Right: -5.718 ± 0.287 χ^2/NDF : 961.4/31

In: -6.827 ± 0.417 χ^2/NDF : 390.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.718 ± 0.287 χ^2/NDF : 961.4/31

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.184+/-0.430 χ^2/NDF : 340.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.255+/-0.451 χ^2/NDF : 368.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

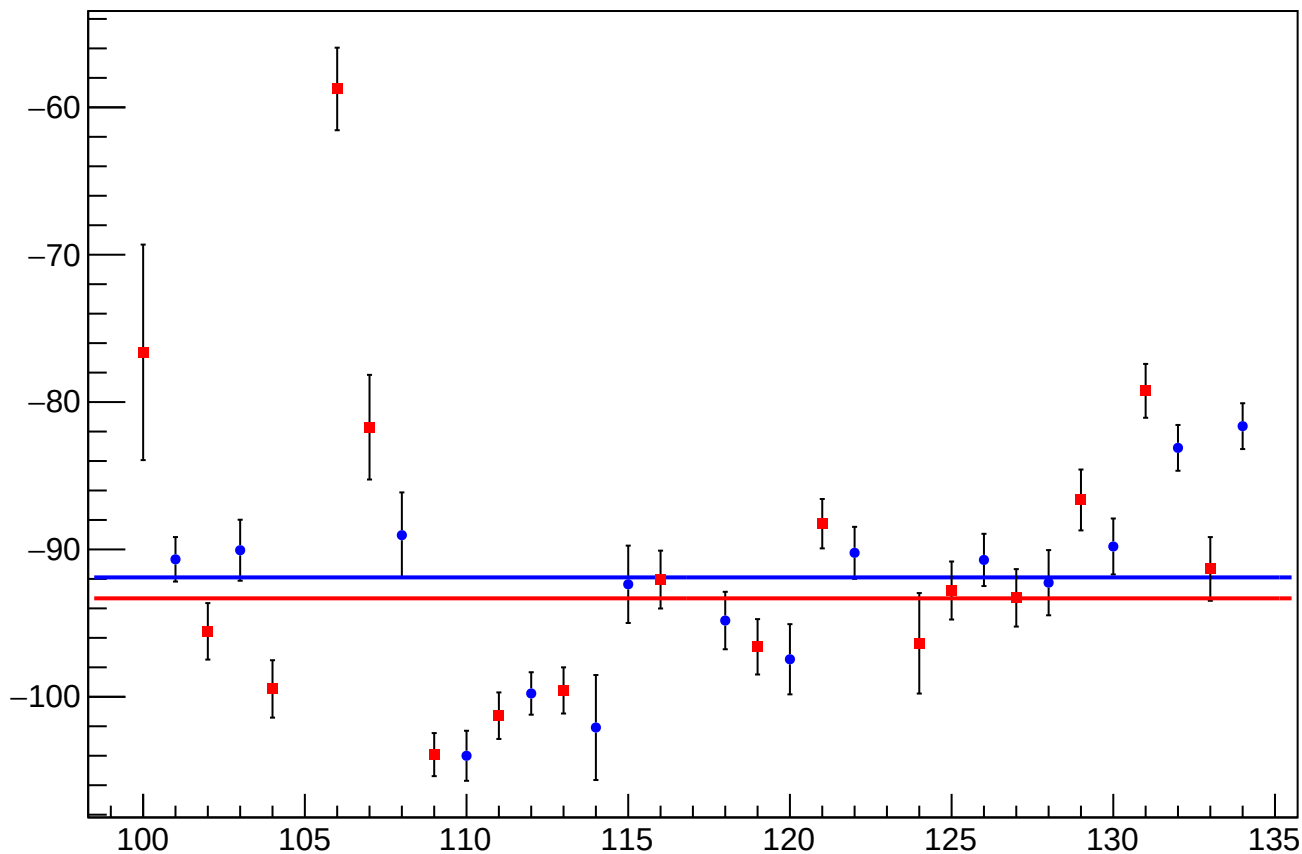
Right: -5.695+/-0.311 χ^2/NDF : 712.3/31

In: -5.184+/-0.430 χ^2/NDF :340.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.695+/-0.311 χ^2/NDF : 712.3/31

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -91.897+/-0.486 χ^2/NDF : 177.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.319+/-0.483 χ^2/NDF : 357.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

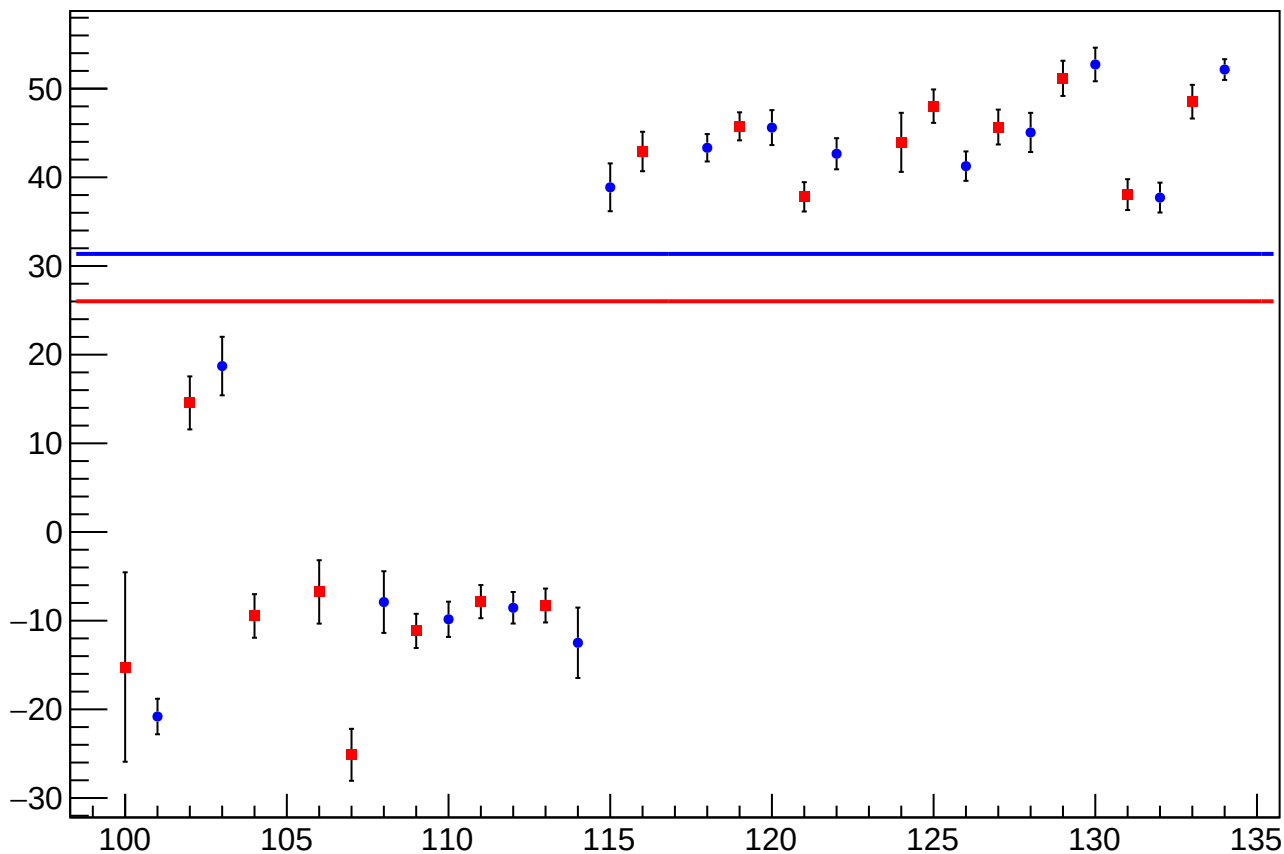
Right: -92.613+/-0.343 χ^2/NDF : 539.2/31

In: -91.897+/-0.486 χ^2/NDF : 177.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.613+/-0.343 χ^2/NDF : 539.2/31

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.362+/-0.492 χ^2/NDF : 2568.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.020+/-0.515 χ^2/NDF : 2526.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

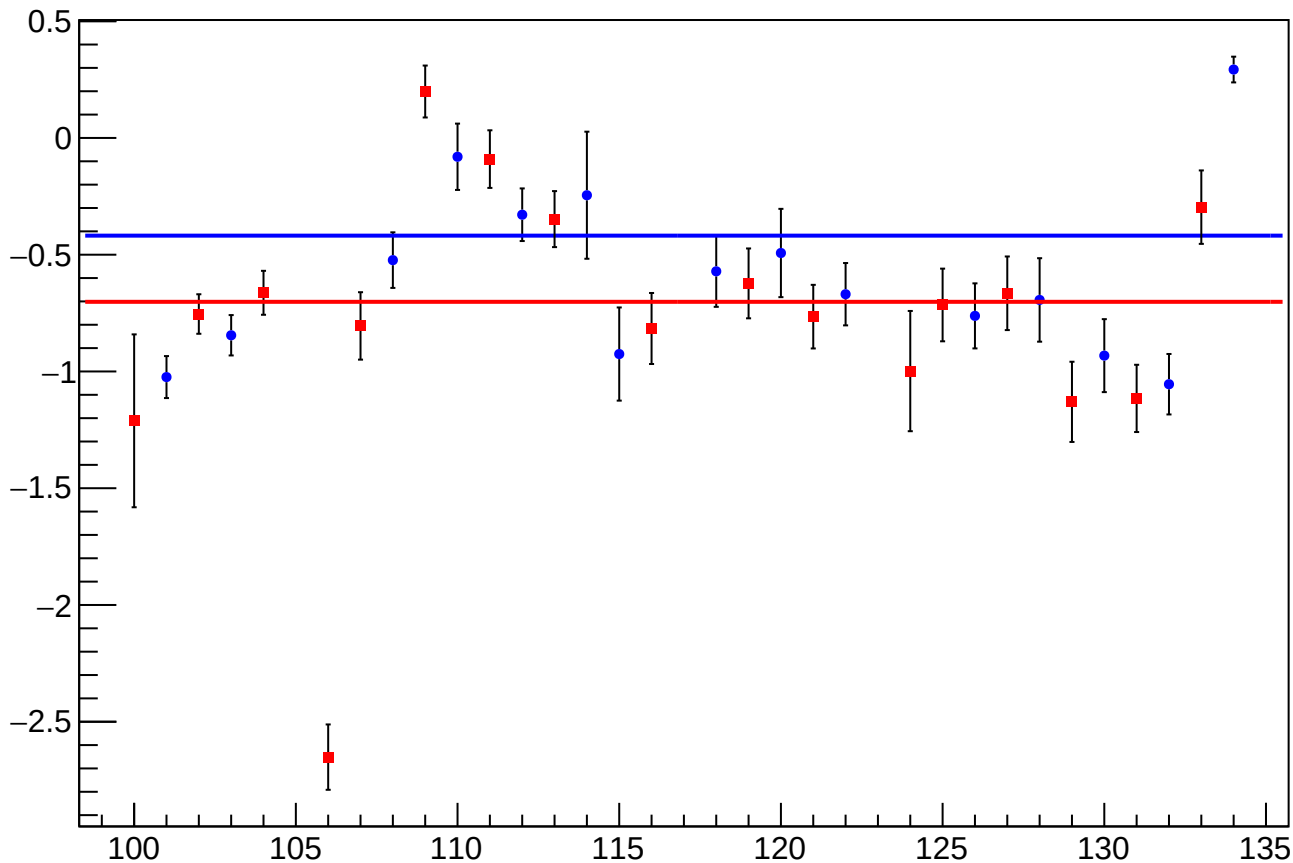
Right: 28.812+/-0.356 χ^2/NDF : 5150.9/31

In: 31.362+/-0.492 χ^2/NDF : 2568.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.812+/-0.356 χ^2/NDF : 5150.9/31

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.418 ± 0.030 χ^2/NDF : 298.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.702 ± 0.033 χ^2/NDF : 319.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

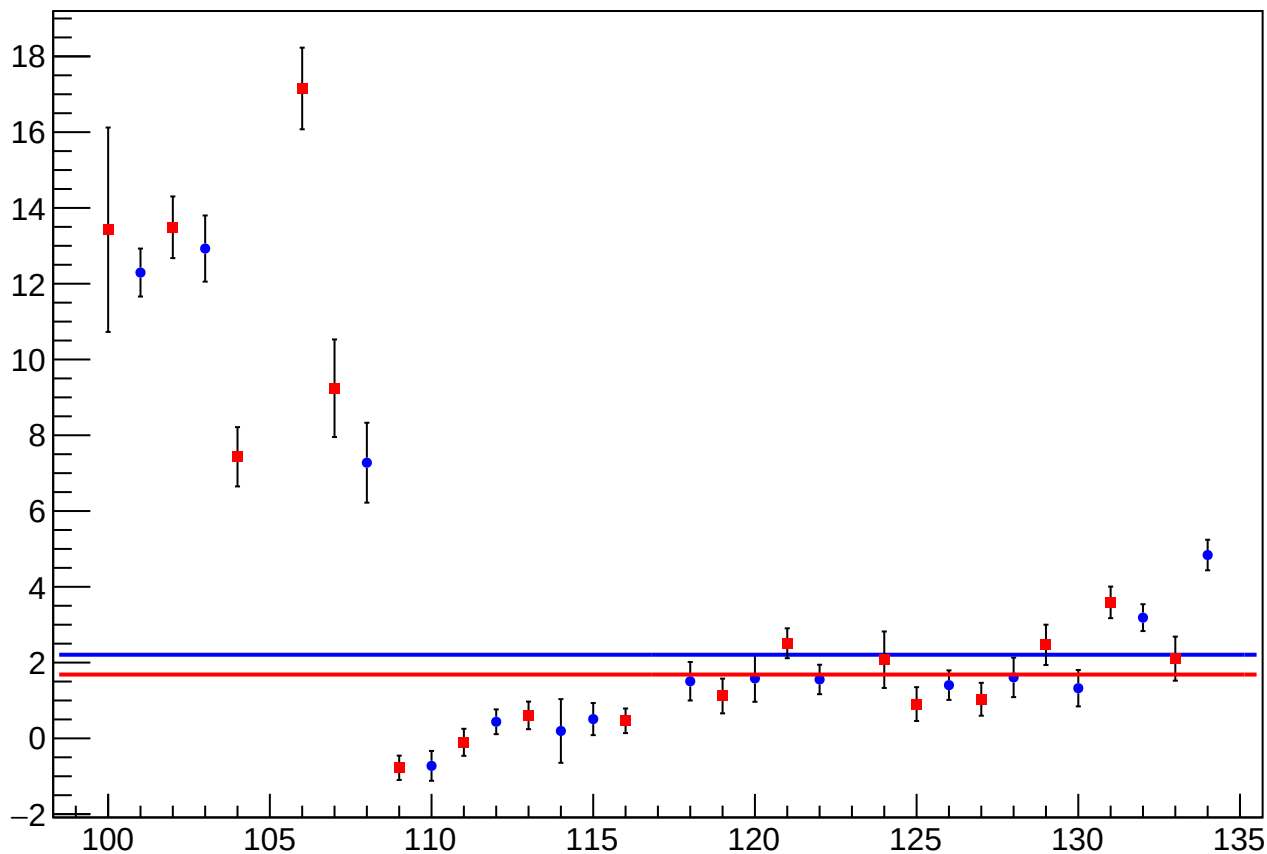
Right: -0.546 ± 0.022 χ^2/NDF : 659.1/31

In: -0.418 ± 0.030 χ^2/NDF : 298.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.546 ± 0.022 χ^2/NDF : 659.1/31

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.207+/-0.120 χ^2/NDF : 599.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.684+/-0.116 χ^2/NDF : 665.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

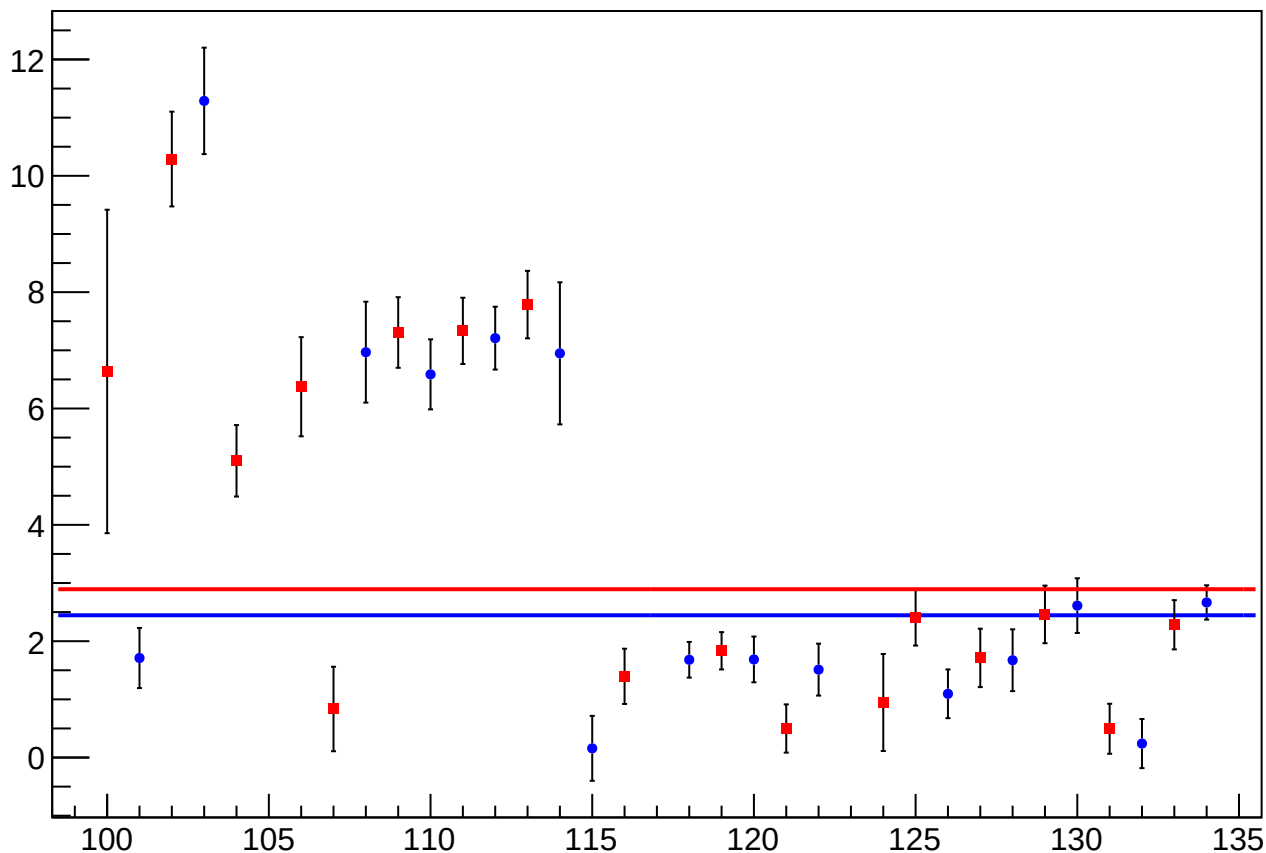
Right: 1.936+/-0.083 χ^2/NDF : 1274.8/31

In: 2.207+/-0.120 χ^2/NDF : 599.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.936+/-0.083 χ^2/NDF : 1274.8/31

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.445+/-0.120 χ^2/NDF : 332.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.893+/-0.128 χ^2/NDF : 406.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

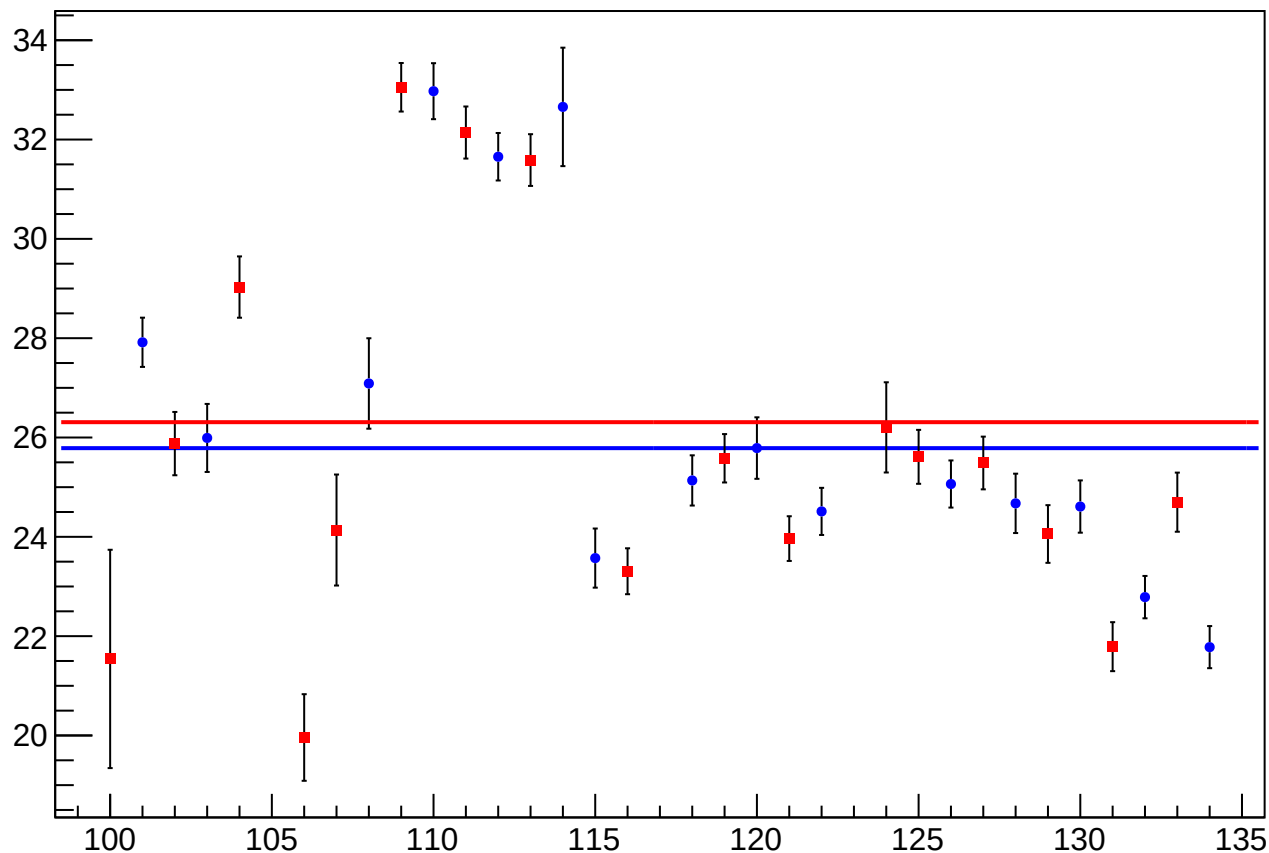
Right: 2.655+/-0.088 χ^2/NDF : 746.3/31

In: 2.445+/-0.120 χ^2/NDF : 332.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.655+/-0.088 χ^2/NDF : 746.3/31

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.786 $\pm$ 0.140 χ^2 /NDF: 539.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.309 $\pm$ 0.140 χ^2 /NDF: 680.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

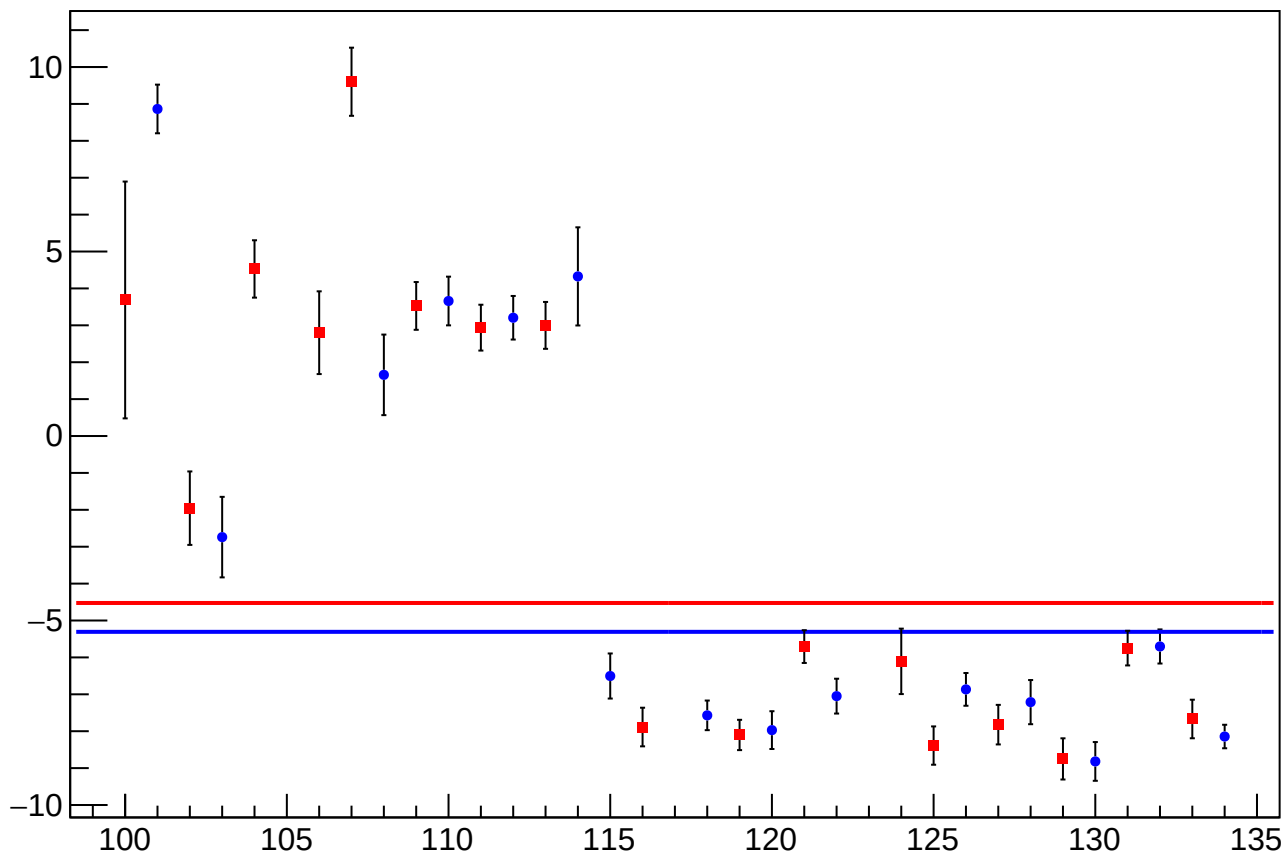
Right: 26.046 $\pm$ 0.099 χ^2 /NDF: 1226.2/31

In: 25.786 $\pm$ 0.140 χ^2 /NDF:539.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.046 $\pm$ 0.099 χ^2 /NDF: 1226.2/31

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.307 $\pm$ 0.137 χ^2 /NDF: 1176.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.525 $\pm$ 0.146 χ^2 /NDF: 1185.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

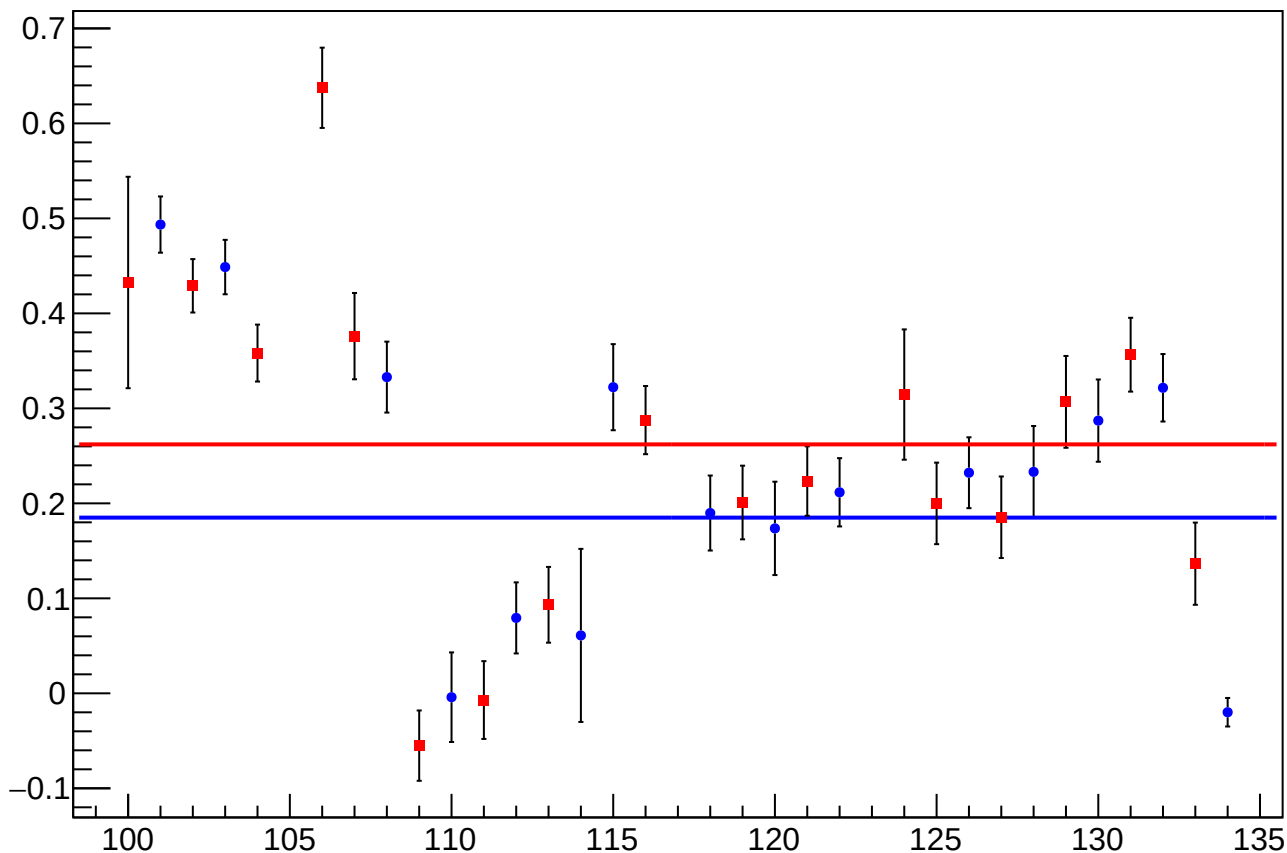
Right: -4.940 $\pm$ 0.100 χ^2 /NDF: 2377.4/31

In: -5.307 $\pm$ 0.137 χ^2 /NDF:1176.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.940 $\pm$ 0.100 χ^2 /NDF: 2377.4/31

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.185+/-0.009 χ^2/NDF : 453.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.262+/-0.010 χ^2/NDF : 292.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

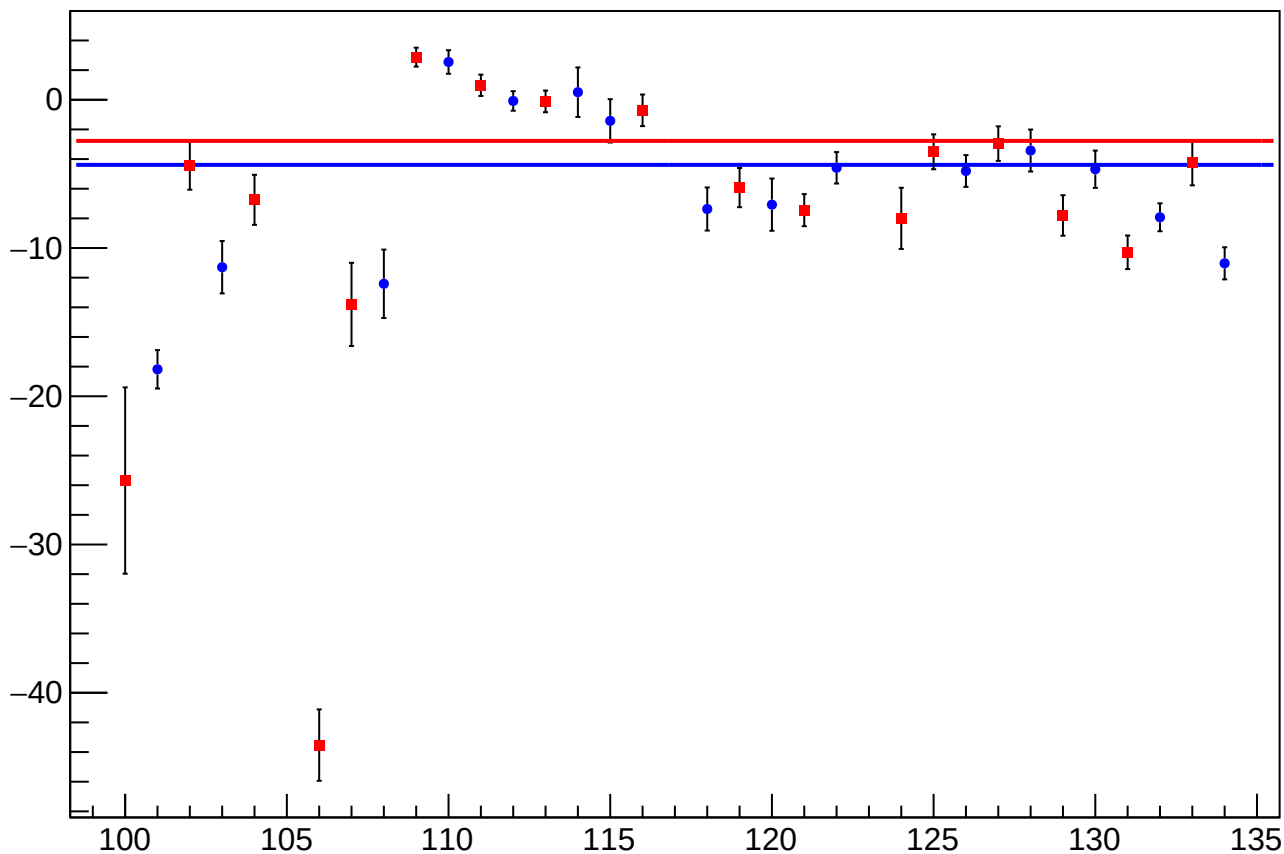
Right: 0.219+/-0.006 χ^2/NDF : 781.9/31

In: 0.185+/-0.009 χ^2/NDF : 453.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.219+/-0.006 χ^2/NDF : 781.9/31

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.390+/-0.295 χ^2/NDF : 331.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.773+/-0.277 χ^2/NDF : 533.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

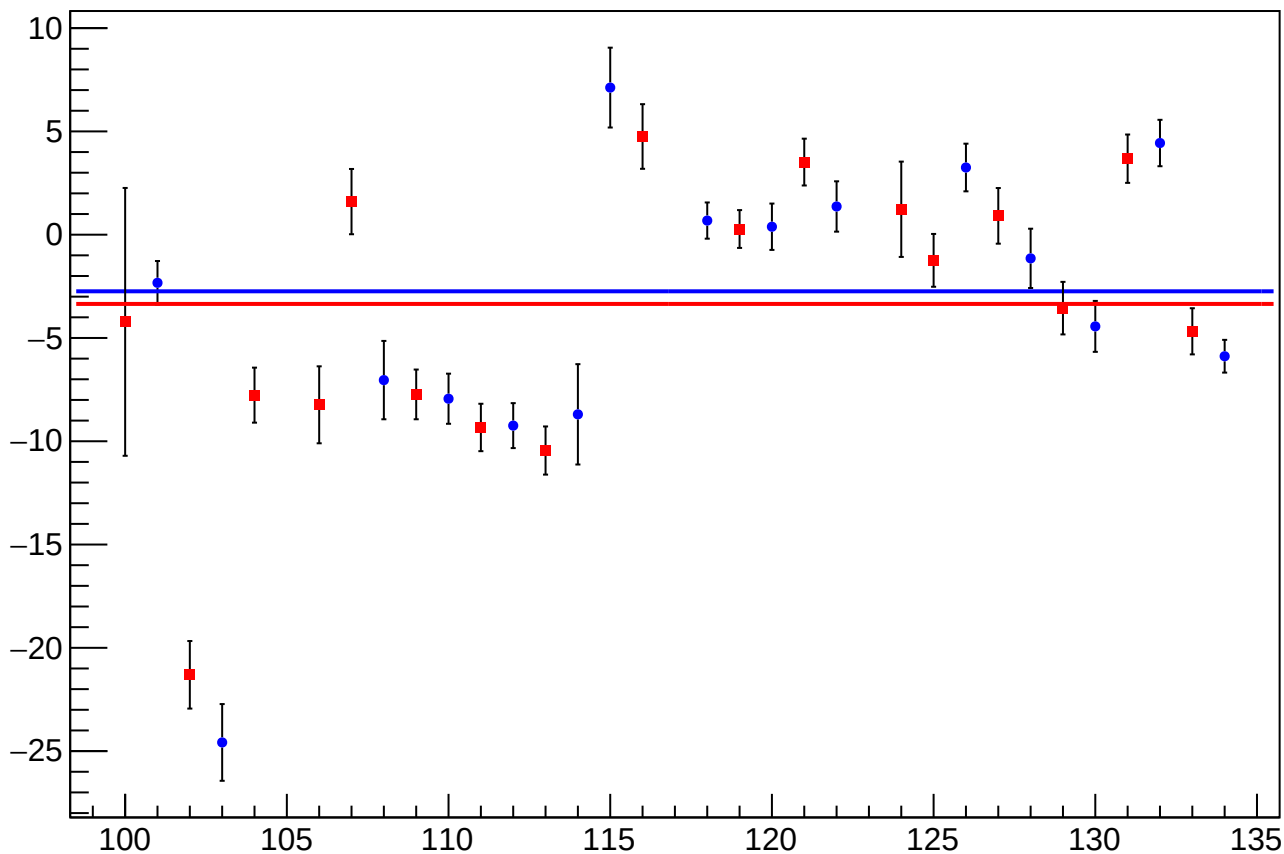
Right: -3.531+/-0.202 χ^2/NDF : 880.9/31

In: -4.390+/-0.295 χ^2/NDF : 331.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.531+/-0.202 χ^2/NDF : 880.9/31

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.741+/-0.309 χ^2/NDF : 350.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.352+/-0.321 χ^2/NDF : 359.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

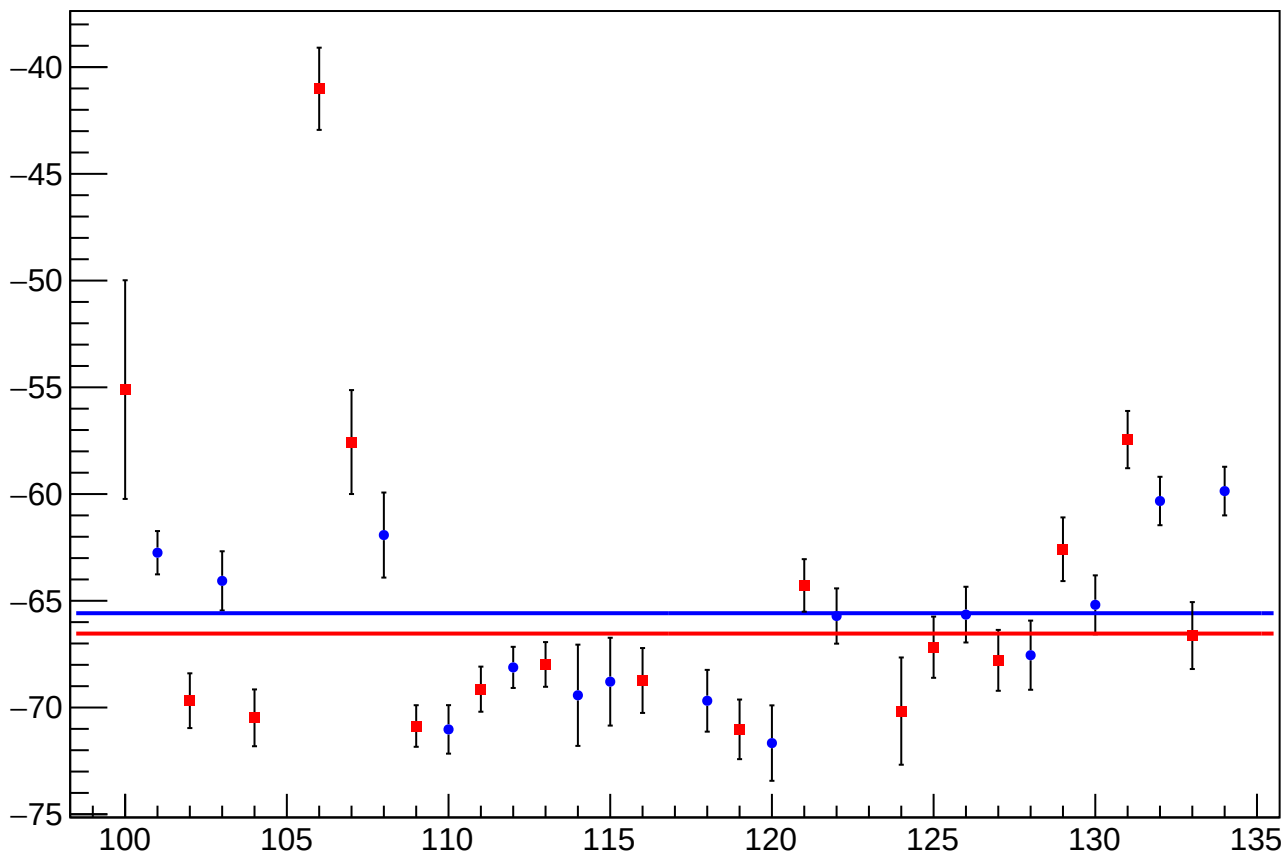
Right: -3.035+/-0.223 χ^2/NDF : 711.8/31

In: -2.741+/-0.309 χ^2/NDF : 350.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.035+/-0.223 χ^2/NDF : 711.8/31

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.582 ± 0.344 $\chi^2/\text{NDF}: 115.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -66.536 ± 0.340 $\chi^2/\text{NDF}: 308.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

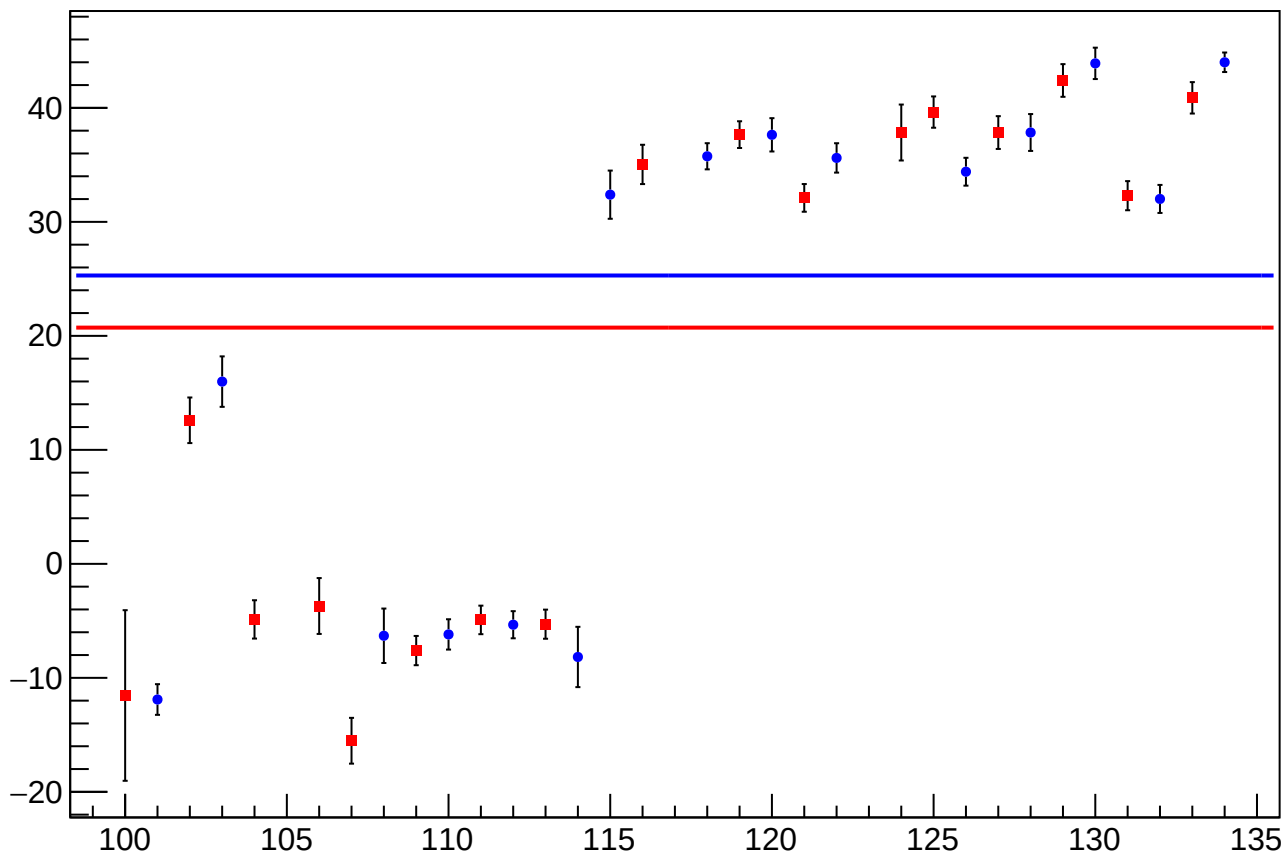
Right: -66.065 ± 0.242 $\chi^2/\text{NDF}: 427.9/31$

In: -65.582 ± 0.344 $\chi^2/\text{NDF}: 115.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -66.065 ± 0.242 $\chi^2/\text{NDF}: 427.9/31$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.295+/-0.353 χ^2/NDF : 3375.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.724+/-0.367 χ^2/NDF : 3283.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

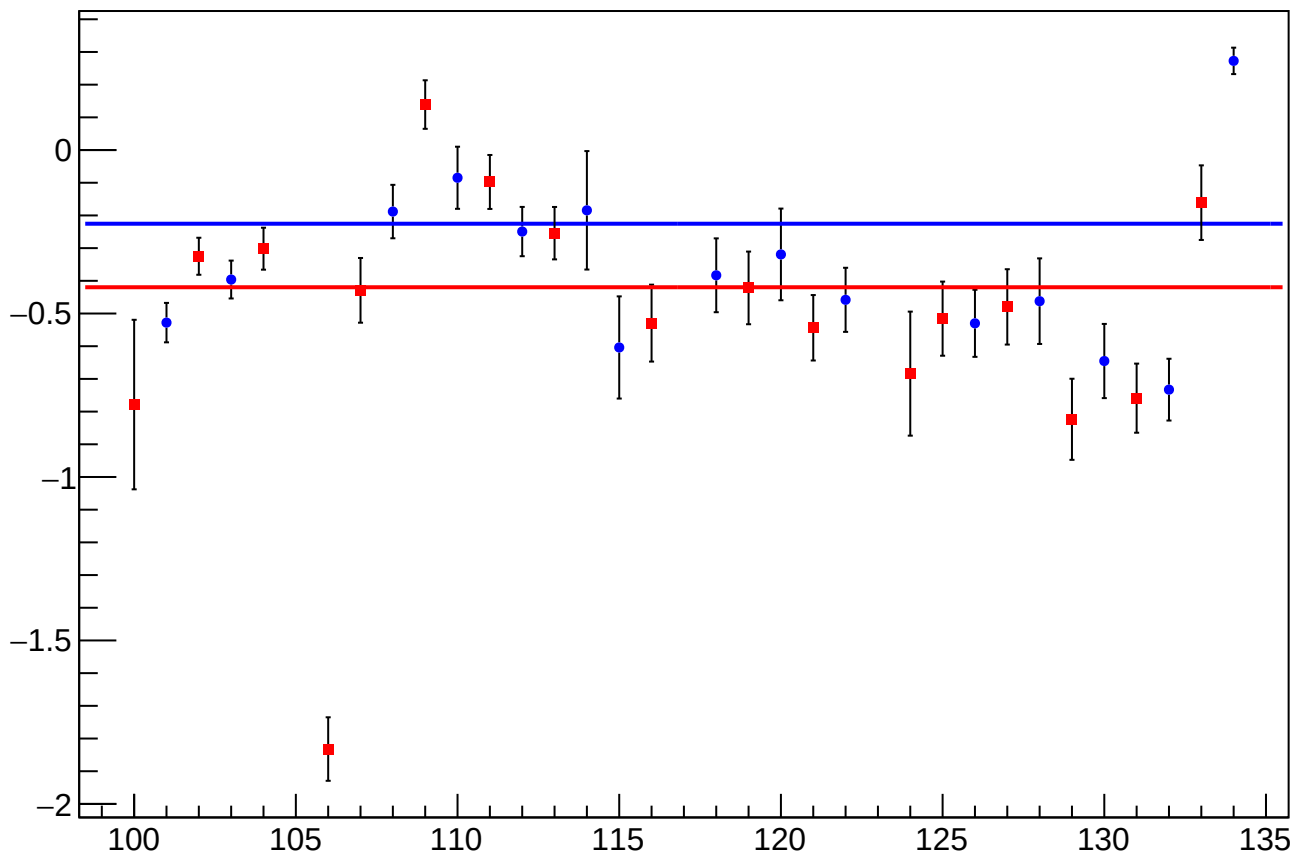
Right: 23.093+/-0.254 χ^2/NDF : 6739.2/31

In: 25.295+/-0.353 χ^2/NDF : 3375.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.093+/-0.254 χ^2/NDF : 6739.2/31

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.225 ± 0.021 χ^2/NDF : 256.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.420 ± 0.023 χ^2/NDF : 327.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

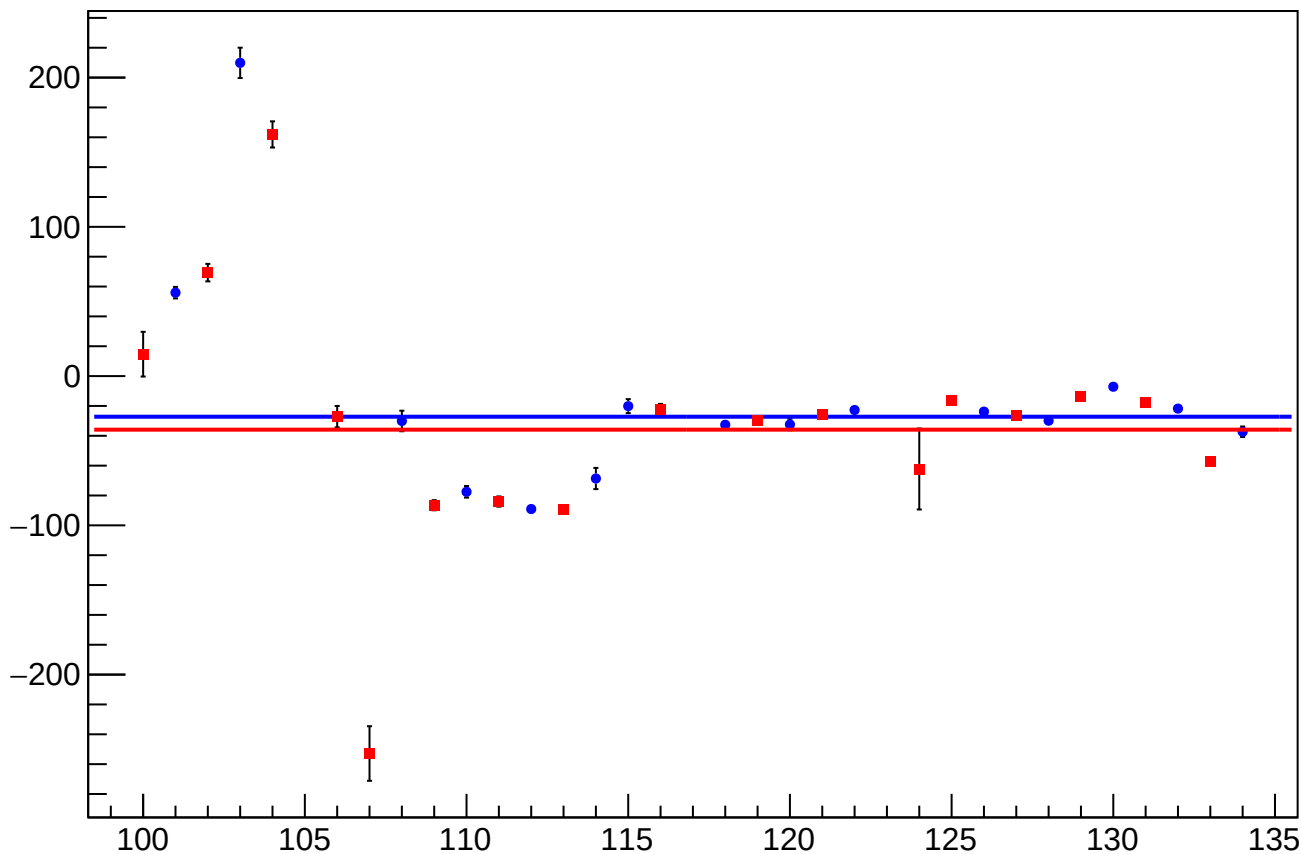
Right: -0.315 ± 0.015 χ^2/NDF : 623.3/31

In: -0.225 ± 0.021 χ^2/NDF : 256.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.315 ± 0.015 χ^2/NDF : 623.3/31

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.219 ± 0.909 $\chi^2/\text{NDF}: 1671.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -35.891 ± 0.913 $\chi^2/\text{NDF}: 1881.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

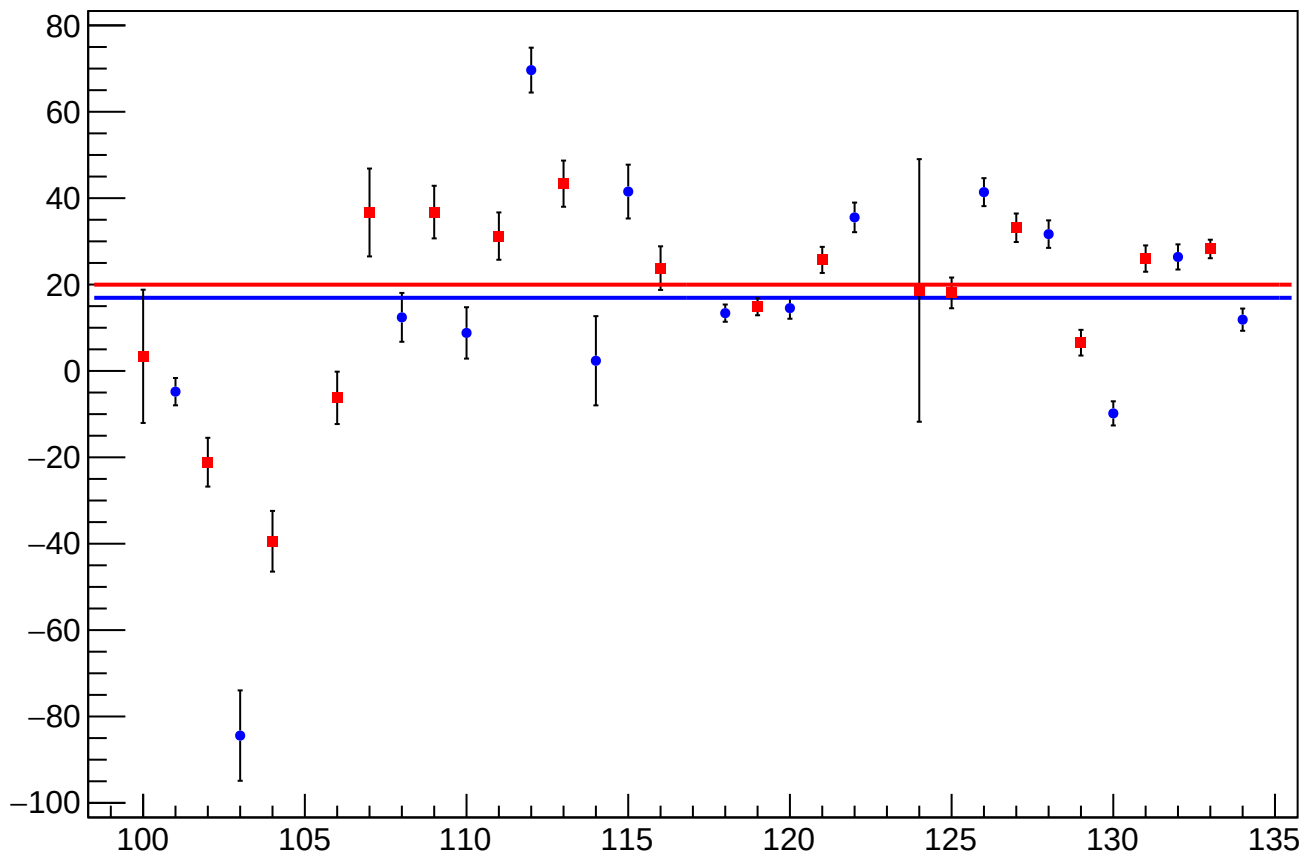
Right: -31.538 ± 0.644 $\chi^2/\text{NDF}: 3598.6/31$

In: -27.219 ± 0.909 $\chi^2/\text{NDF}: 1671.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.538 ± 0.644 $\chi^2/\text{NDF}: 3598.6/31$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.930+/-0.866 χ^2/NDF : 482.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.973+/-0.912 χ^2/NDF : 244.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

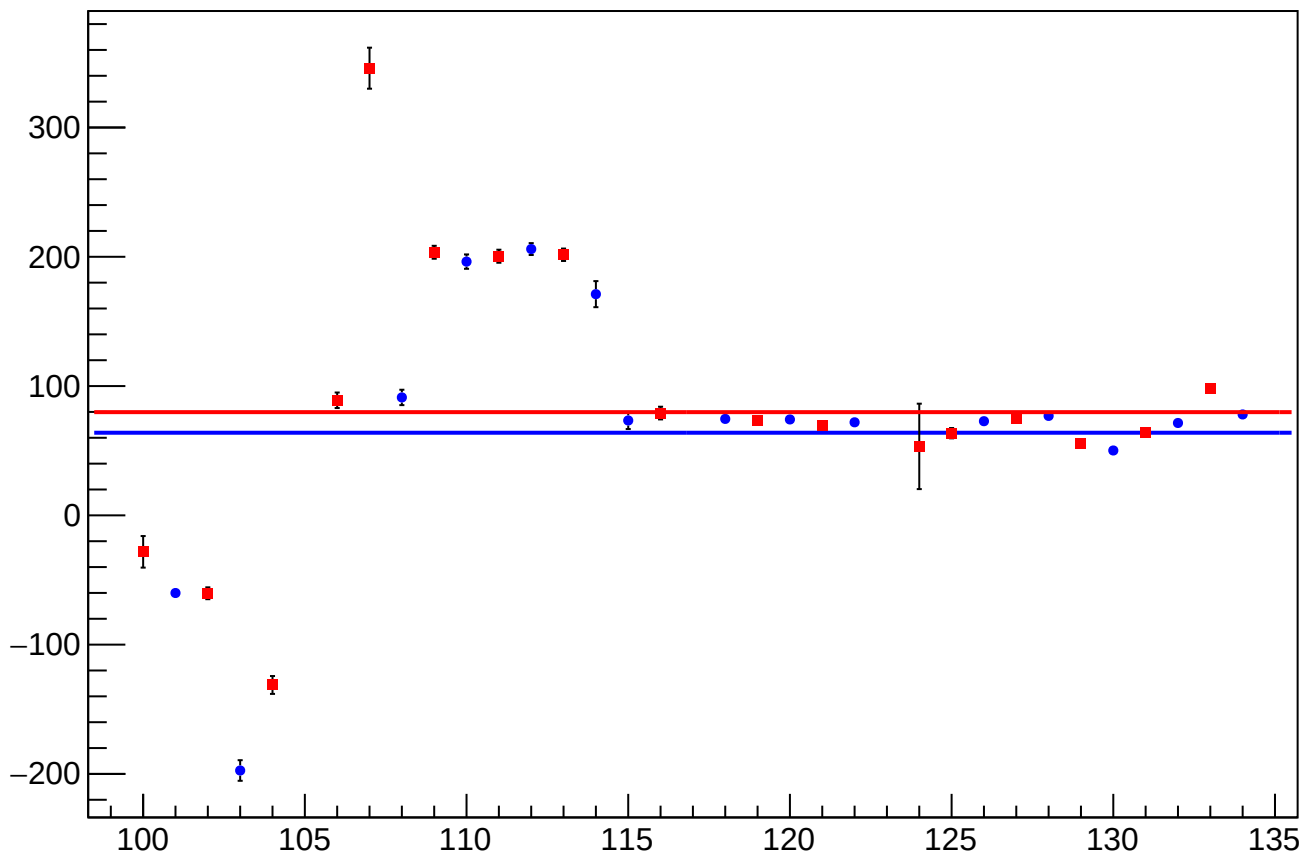
Right: 18.373+/-0.628 χ^2/NDF : 731.9/31

In: 16.930+/-0.866 χ^2/NDF : 482.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.373+/-0.628 χ^2/NDF : 731.9/31

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.906+/-1.022 χ^2/NDF : 4499.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.835+/-1.055 χ^2/NDF : 4192.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

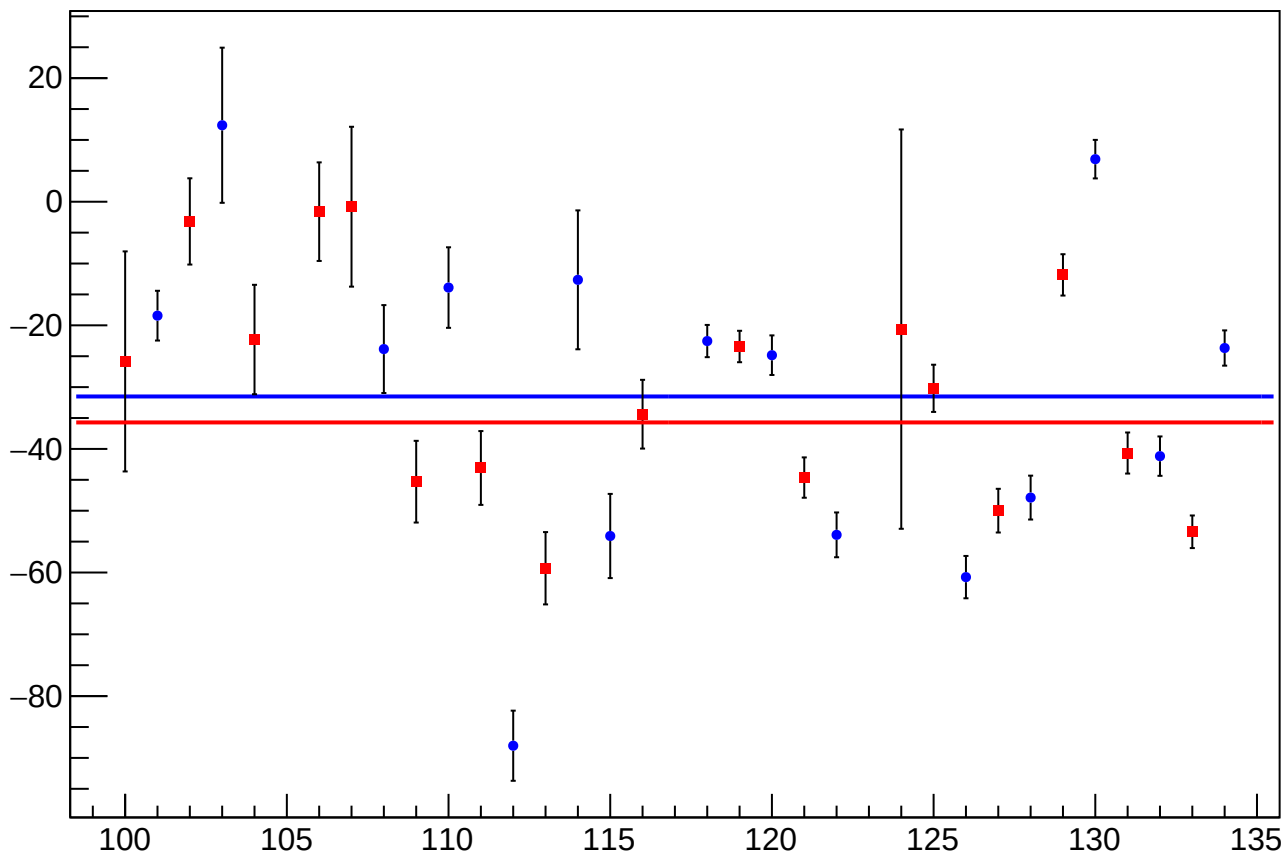
Right: 71.617+/-0.734 χ^2/NDF : 8810.3/31

In: 63.906+/-1.022 χ^2/NDF : 4499.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.617+/-0.734 χ^2/NDF : 8810.3/31

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.512 $\pm$ 1.010 χ^2 /NDF: 461.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.714 $\pm$ 1.059 χ^2 /NDF: 217.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

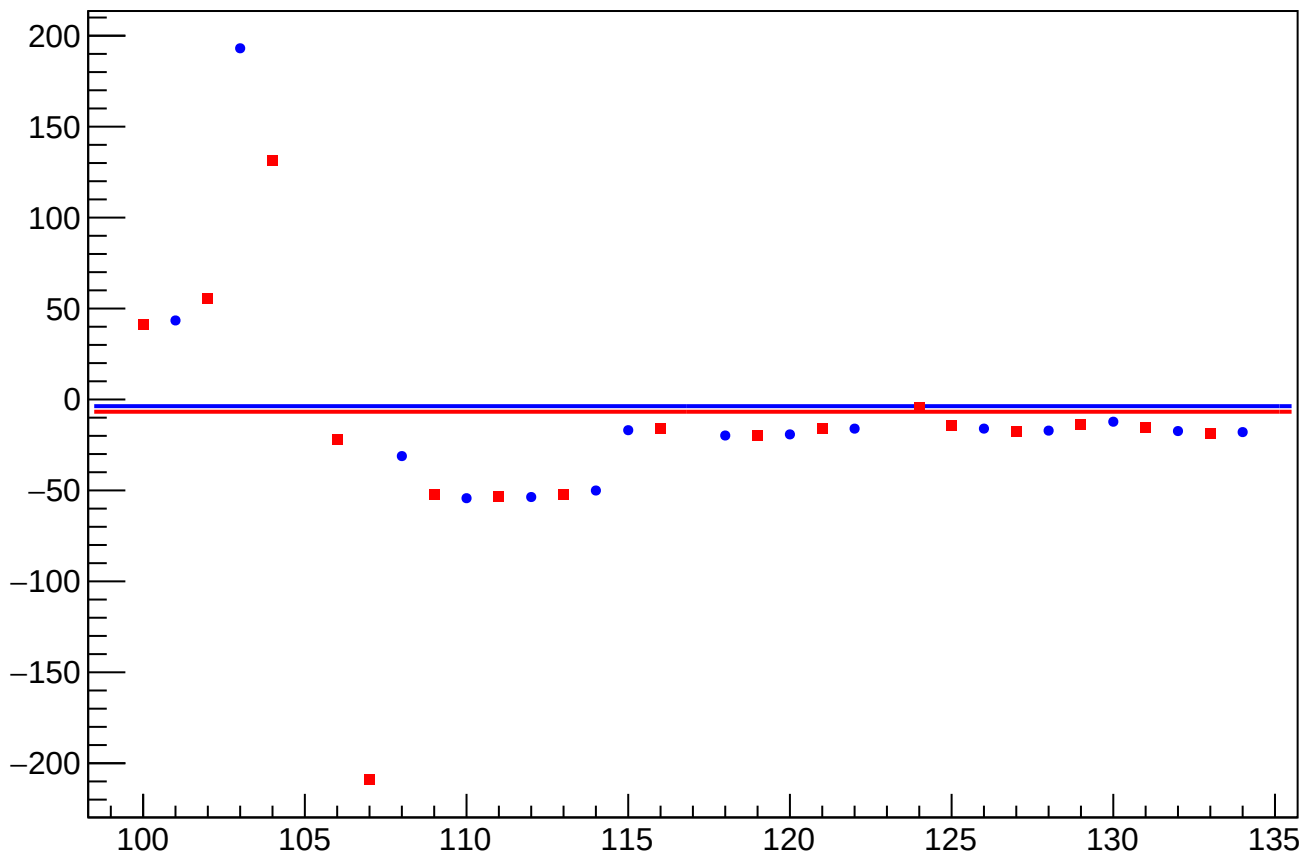
Right: -33.513 $\pm$ 0.731 χ^2 /NDF: 686.8/31

In: -31.512 $\pm$ 1.010 χ^2 /NDF:461.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.513 $\pm$ 0.731 χ^2 /NDF: 686.8/31

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.675+/-0.067 χ^2/NDF : 487202.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.740+/-0.074 χ^2/NDF : 424950.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

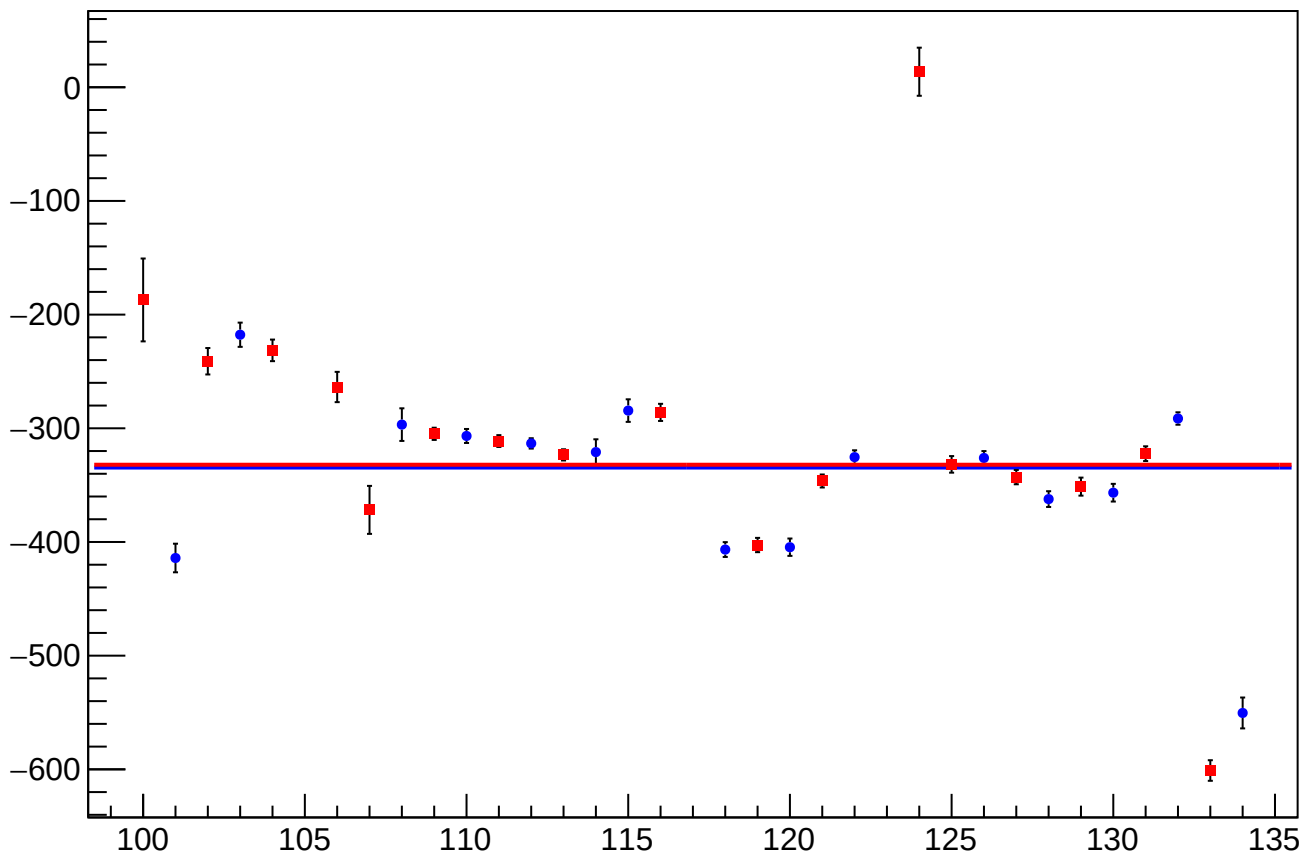
Right: -5.050+/-0.050 χ^2/NDF : 913086.0/31

In: -3.675+/-0.067 χ^2/NDF : 487202.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.050+/-0.050 χ^2/NDF : 913086.0/31

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -334.525+/-1.875 χ^2/NDF : 786.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -332.051+/-1.791 χ^2/NDF : 1594.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

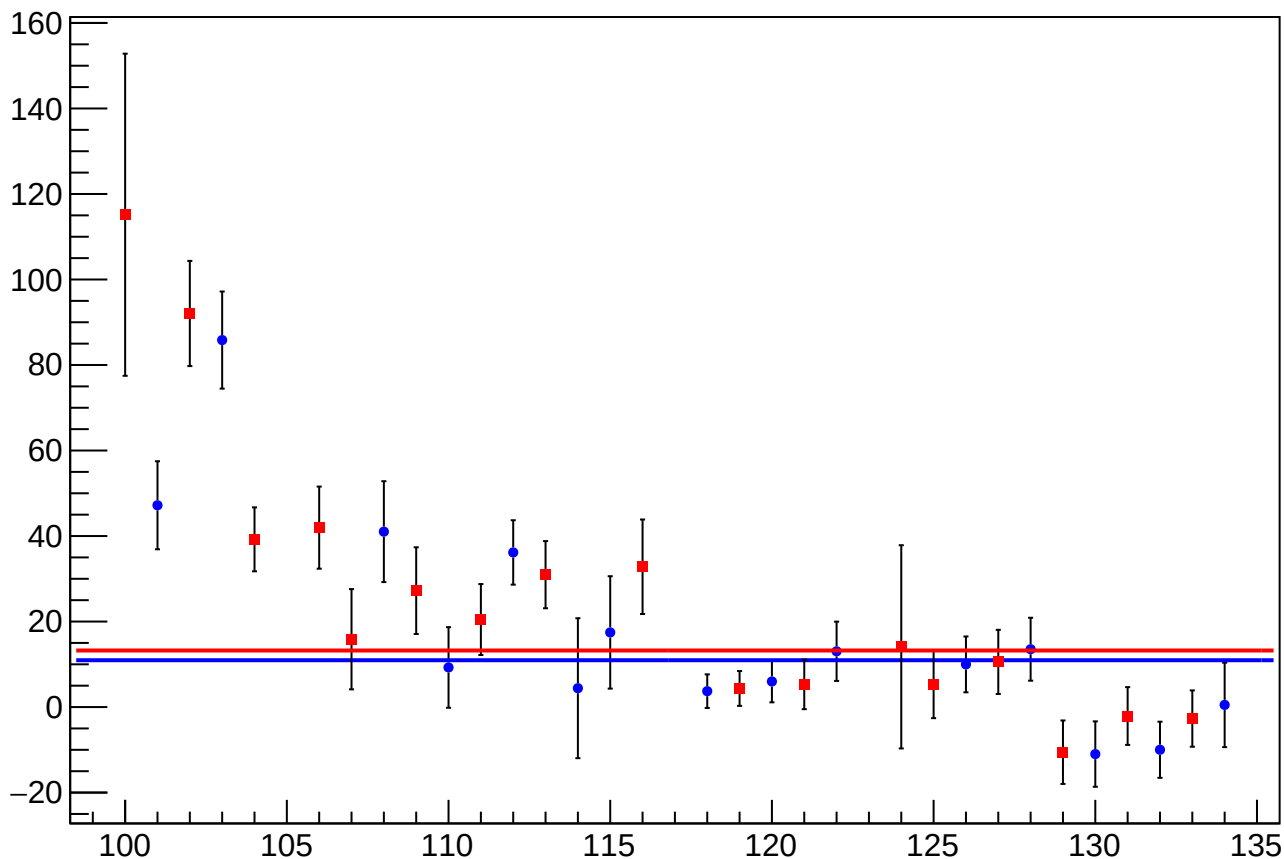
Right: -333.232+/-1.295 χ^2/NDF : 2381.4/31

In: -334.525+/-1.875 χ^2/NDF : 786.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.232+/-1.295 χ^2/NDF : 2381.4/31

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.955+/-1.880 χ^2/NDF : 98.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.231+/-1.888 χ^2/NDF : 109.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

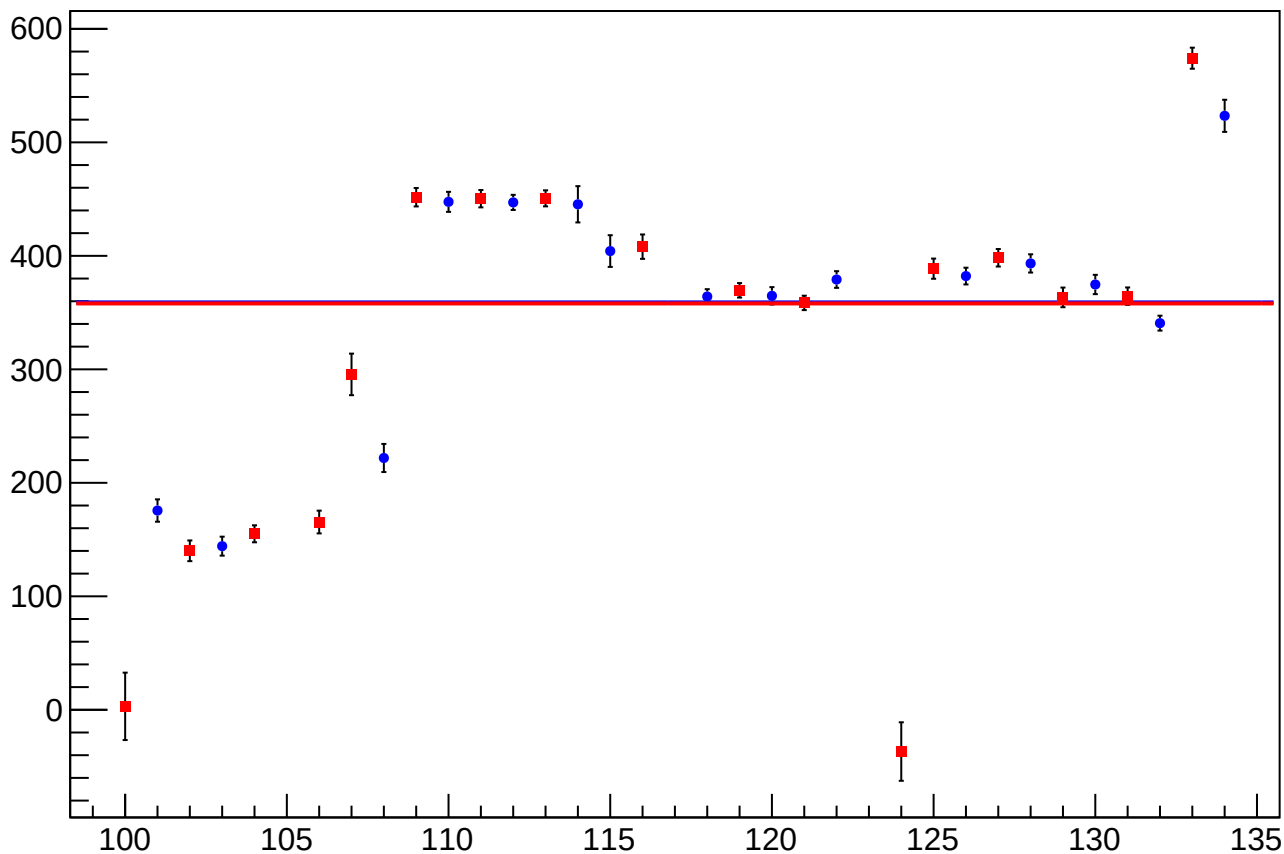
Right: 12.088+/-1.332 χ^2/NDF : 208.3/31

In: 10.955+/-1.880 χ^2/NDF : 98.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.088+/-1.332 χ^2/NDF : 208.3/31

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 358.979+/-2.179 χ^2/NDF : 1627.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.052+/-2.098 χ^2/NDF : 3123.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

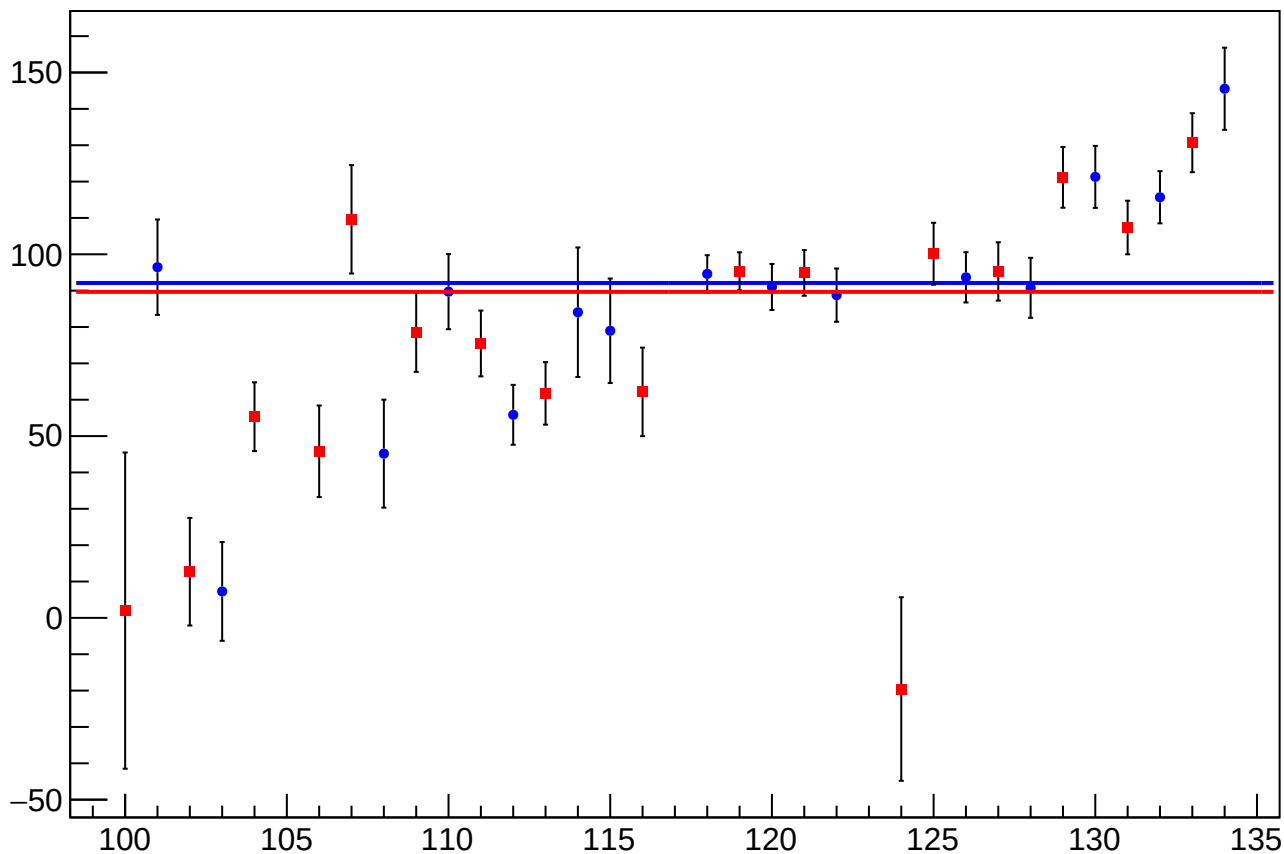
Right: 358.498+/-1.511 χ^2/NDF : 4751.0/31

In: 358.979+/-2.179 χ^2/NDF : 1627.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 358.498+/-1.511 χ^2/NDF : 4751.0/31

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 92.118 $\pm$ 2.204 χ^2 /NDF: 115.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.671 $\pm$ 2.189 χ^2 /NDF: 145.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

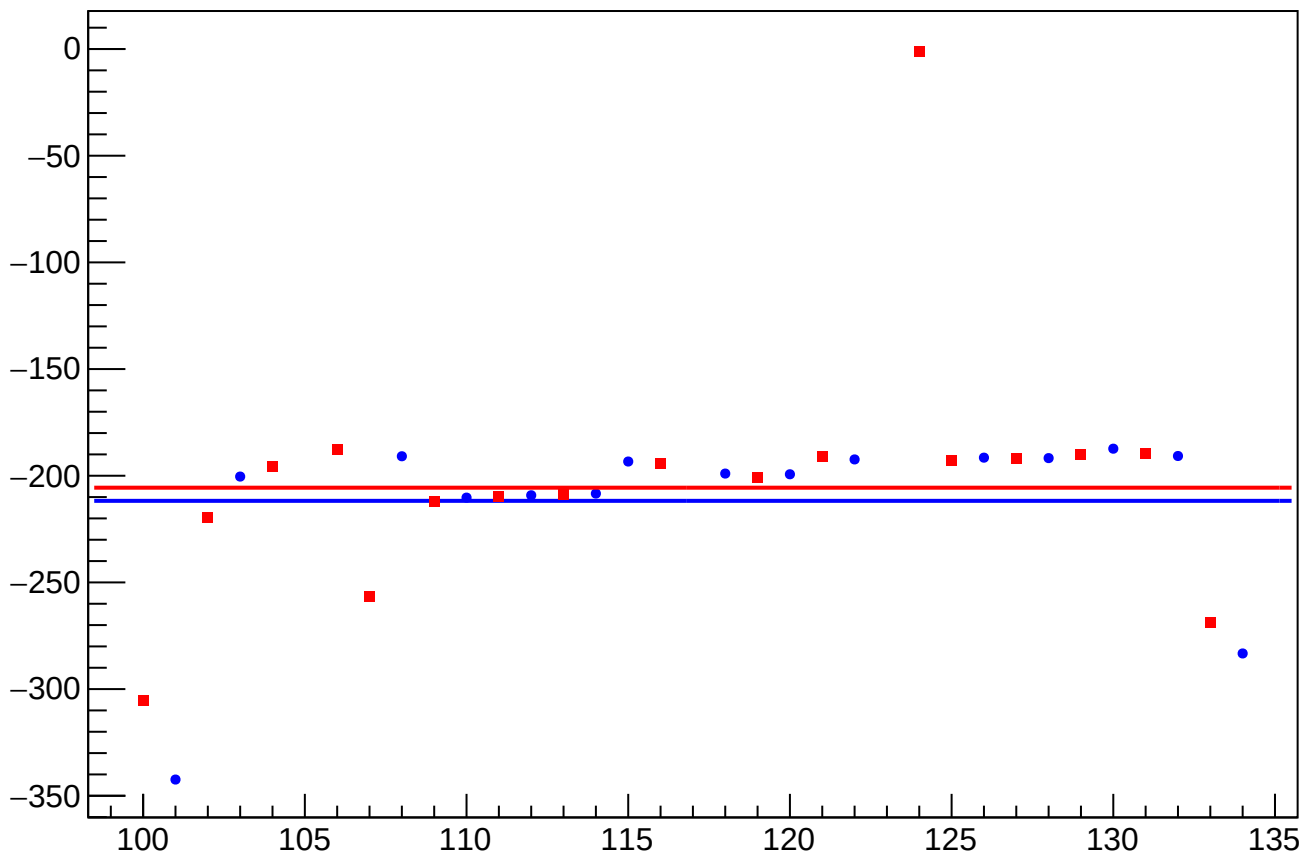
Right: 90.886 $\pm$ 1.553 χ^2 /NDF: 261.2/31

In: 92.118 $\pm$ 2.204 χ^2 /NDF: 115.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.886 $\pm$ 1.553 χ^2 /NDF: 261.2/31

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -211.767+/-0.149 χ^2/NDF : 73784.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.600+/-0.142 χ^2/NDF : 35276.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

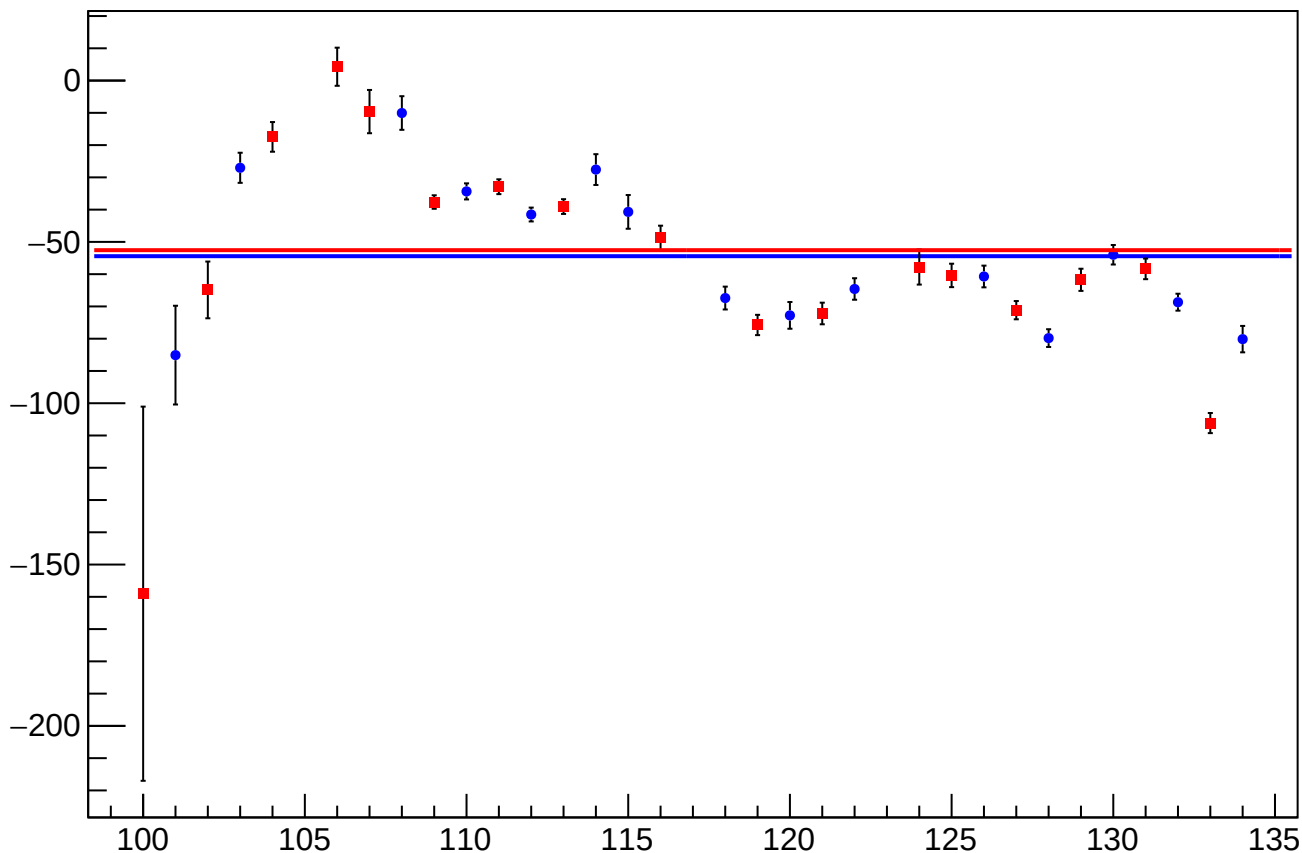
Right: -208.553+/-0.103 χ^2/NDF : 109958.3/31

In: -211.767+/-0.149 χ^2/NDF : 73784.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.553+/-0.103 χ^2/NDF : 109958.3/31

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.430 $\pm$ 0.874 χ^2 /NDF: 450.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -52.566 $\pm$ 0.816 χ^2 /NDF: 800.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

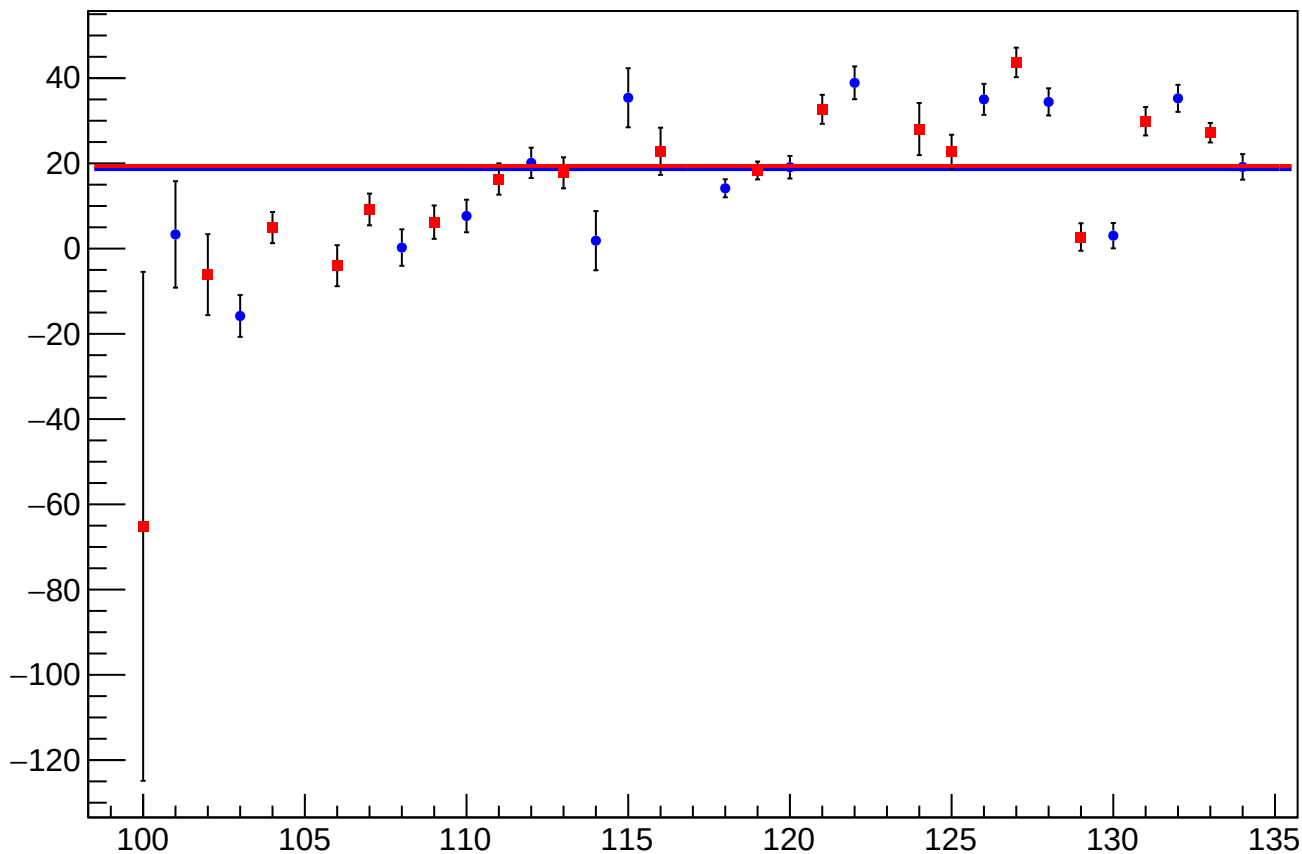
Right: -53.434 $\pm$ 0.597 χ^2 /NDF: 1253.3/31

In: -54.430 $\pm$ 0.874 χ^2 /NDF:450.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -53.434 $\pm$ 0.597 χ^2 /NDF: 1253.3/31

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.650+/-0.904 χ^2/NDF : 221.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.377+/-0.873 χ^2/NDF : 184.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

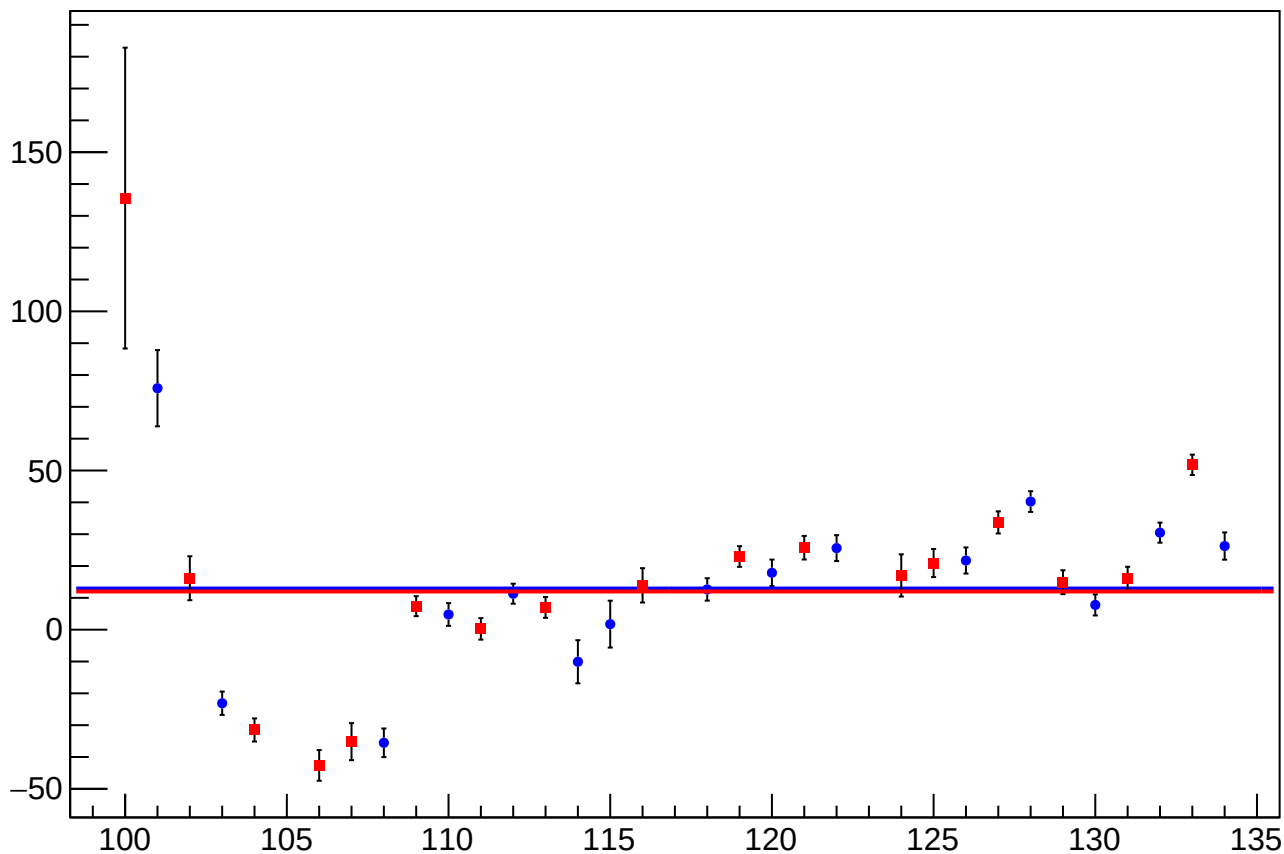
Right: 19.027+/-0.628 χ^2/NDF : 406.3/31

In: 18.650+/-0.904 χ^2/NDF : 221.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.027+/-0.628 χ^2/NDF : 406.3/31

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.920+/-1.026 χ^2/NDF : 388.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.000+/-0.976 χ^2/NDF : 586.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

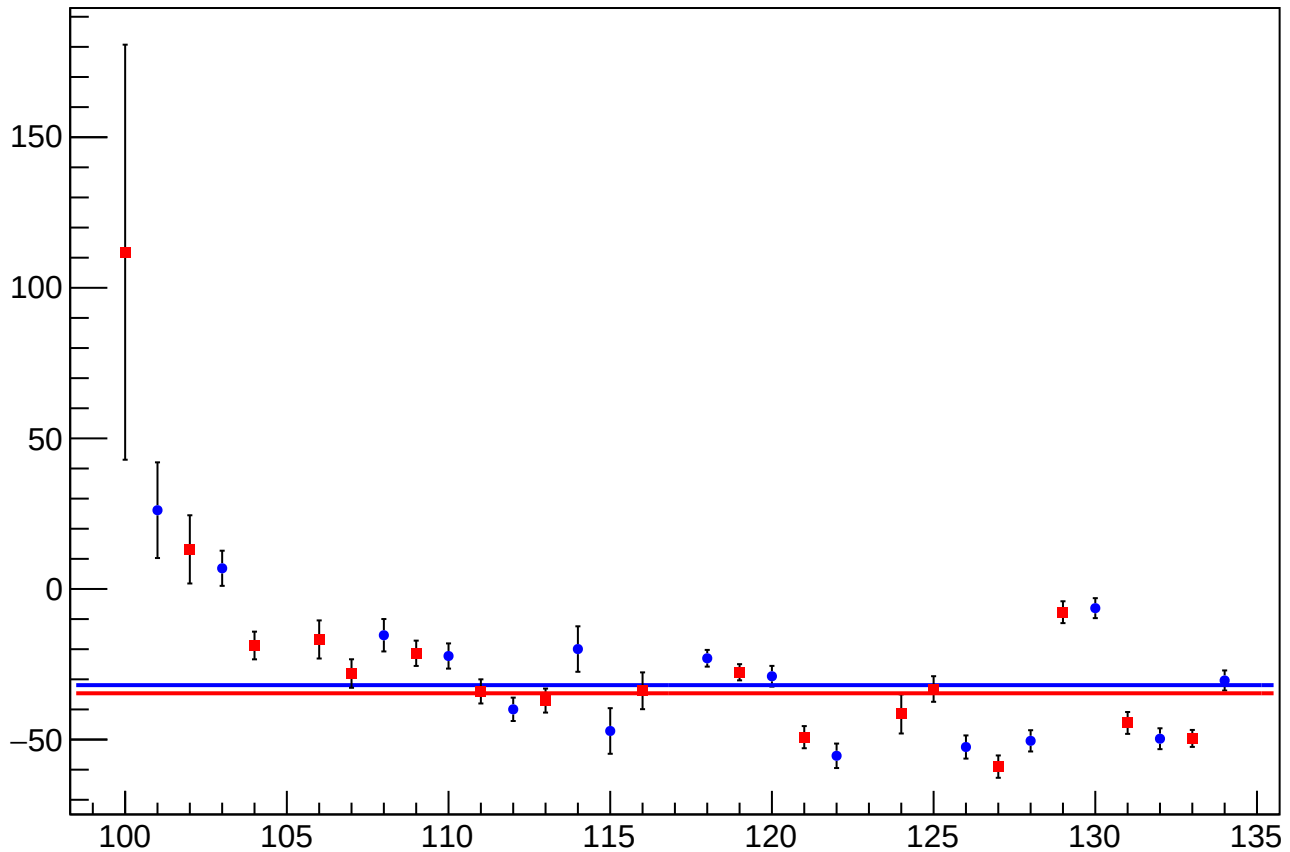
Right: 12.437+/-0.707 χ^2/NDF : 976.2/31

In: 12.920+/-1.026 χ^2/NDF : 388.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.437+/-0.707 χ^2/NDF : 976.2/31

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.933+/-1.046 χ^2/NDF : 269.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.638+/-1.012 χ^2/NDF : 212.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

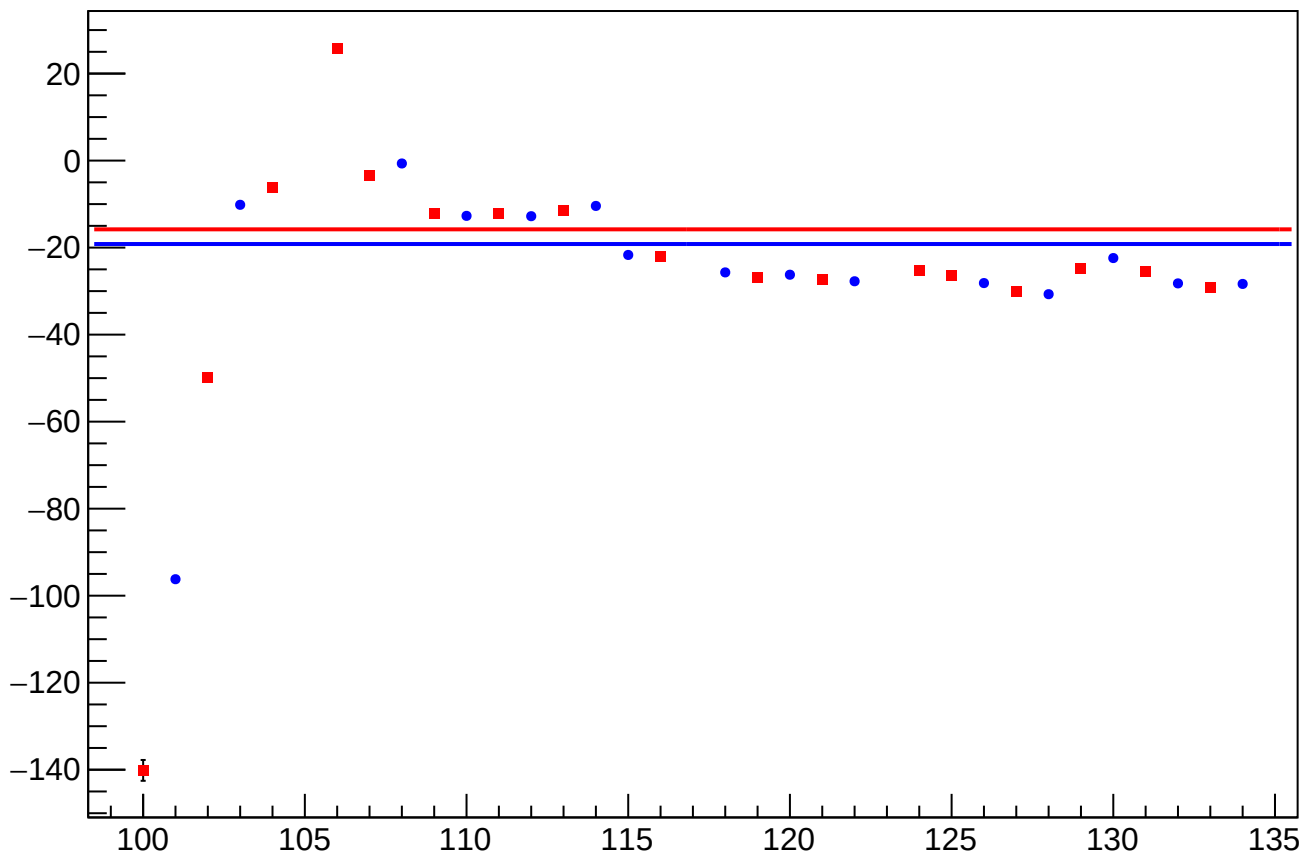
Right: -33.330+/-0.728 χ^2/NDF : 485.2/31

In: -31.933+/-1.046 χ^2/NDF : 269.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.330+/-0.728 χ^2/NDF : 485.2/31

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.177+/-0.066 χ^2/NDF : 35719.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.801+/-0.066 χ^2/NDF : 66878.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

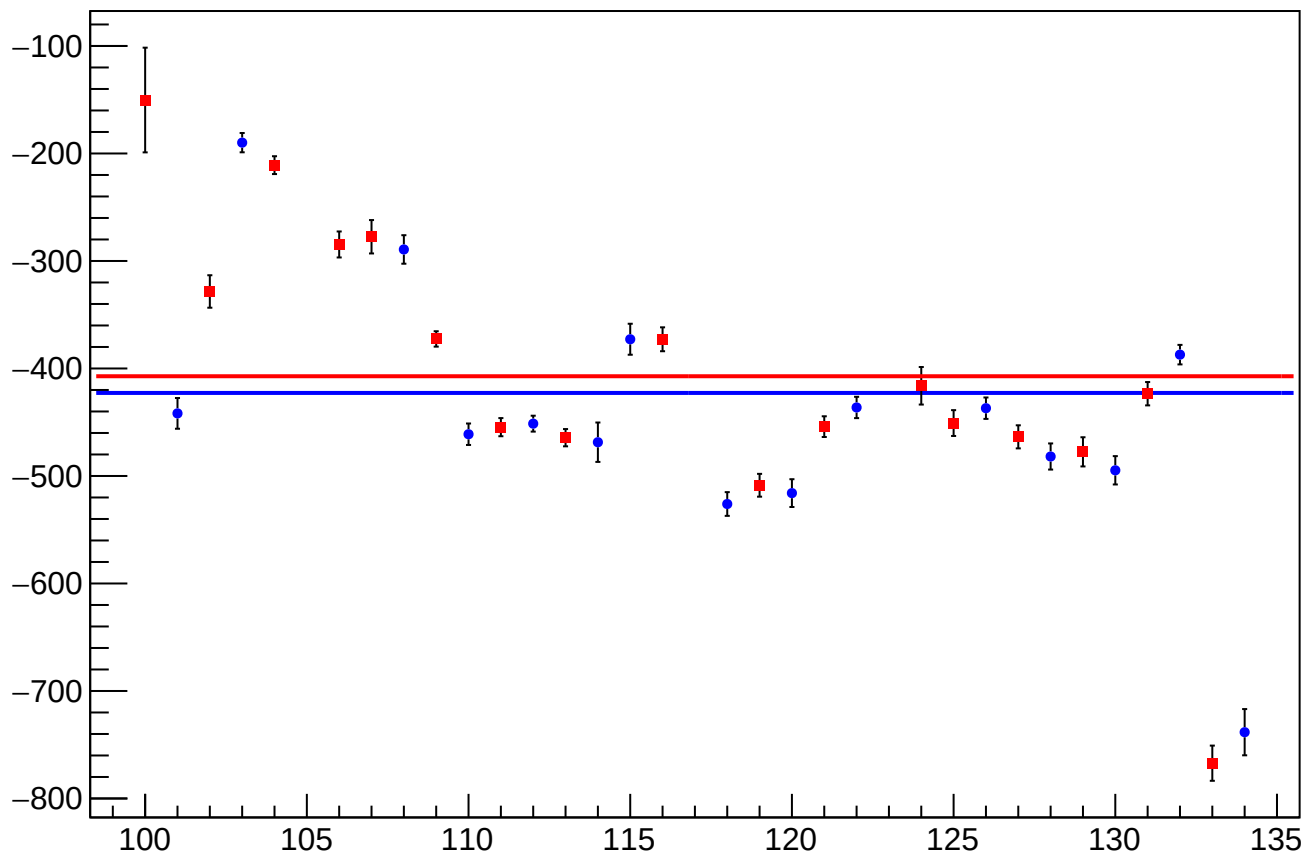
Right: -17.495+/-0.047 χ^2/NDF : 103902.0/31

In: -19.177+/-0.066 χ^2/NDF : 35719.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.495+/-0.047 χ^2/NDF : 103902.0/31

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -422.749+/-2.883 χ^2/NDF : 1251.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -407.227+/-2.639 χ^2/NDF : 1571.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

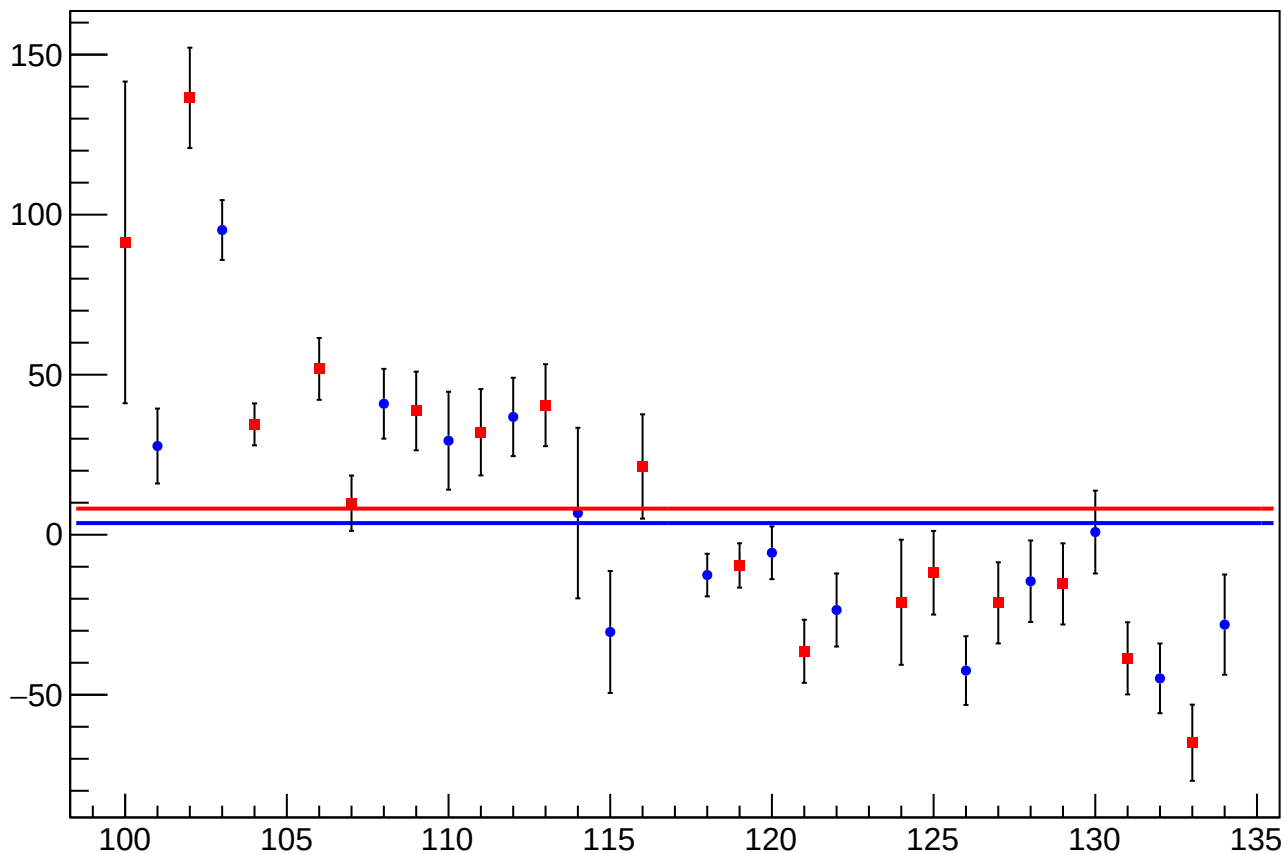
Right: -414.303+/-1.946 χ^2/NDF : 2838.6/31

In: -422.749+/-2.883 χ^2/NDF :1251.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -414.303+/-1.946 χ^2/NDF : 2838.6/31

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.637+/-2.880 χ^2/NDF : 182.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.162+/-2.665 χ^2/NDF : 218.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

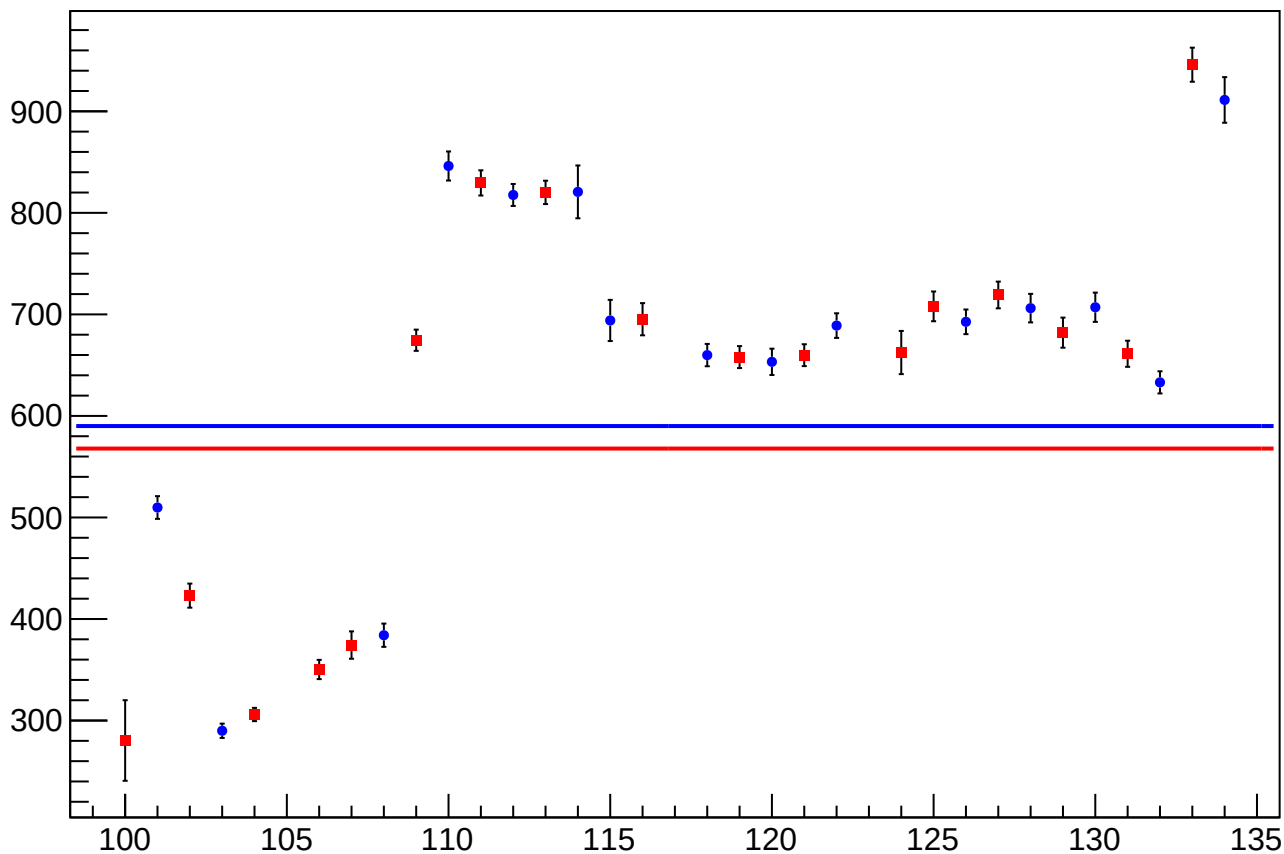
Right: 6.076+/-1.956 χ^2/NDF : 401.9/31

In: 3.637+/-2.880 χ^2/NDF : 182.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.076+/-1.956 χ^2/NDF : 401.9/31

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 590.036+/-3.144 χ^2/NDF : 3612.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.872+/-2.900 χ^2/NDF : 4637.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

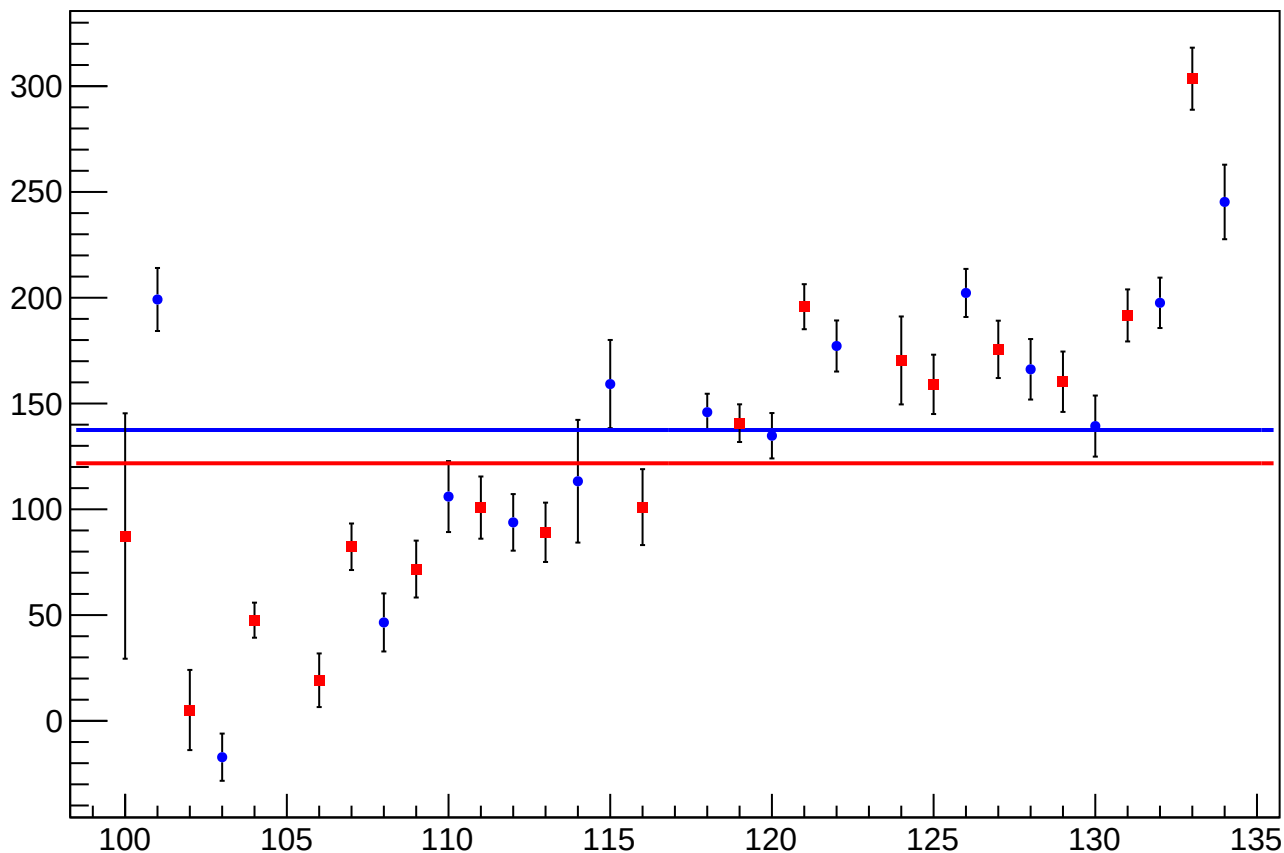
Right: 578.058+/-2.132 χ^2/NDF : 8276.4/31

In: 590.036+/-3.144 χ^2/NDF : 3612.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.058+/-2.132 χ^2/NDF : 8276.4/31

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 137.484+/-3.392 χ^2/NDF : 380.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.748+/-3.148 χ^2/NDF : 493.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

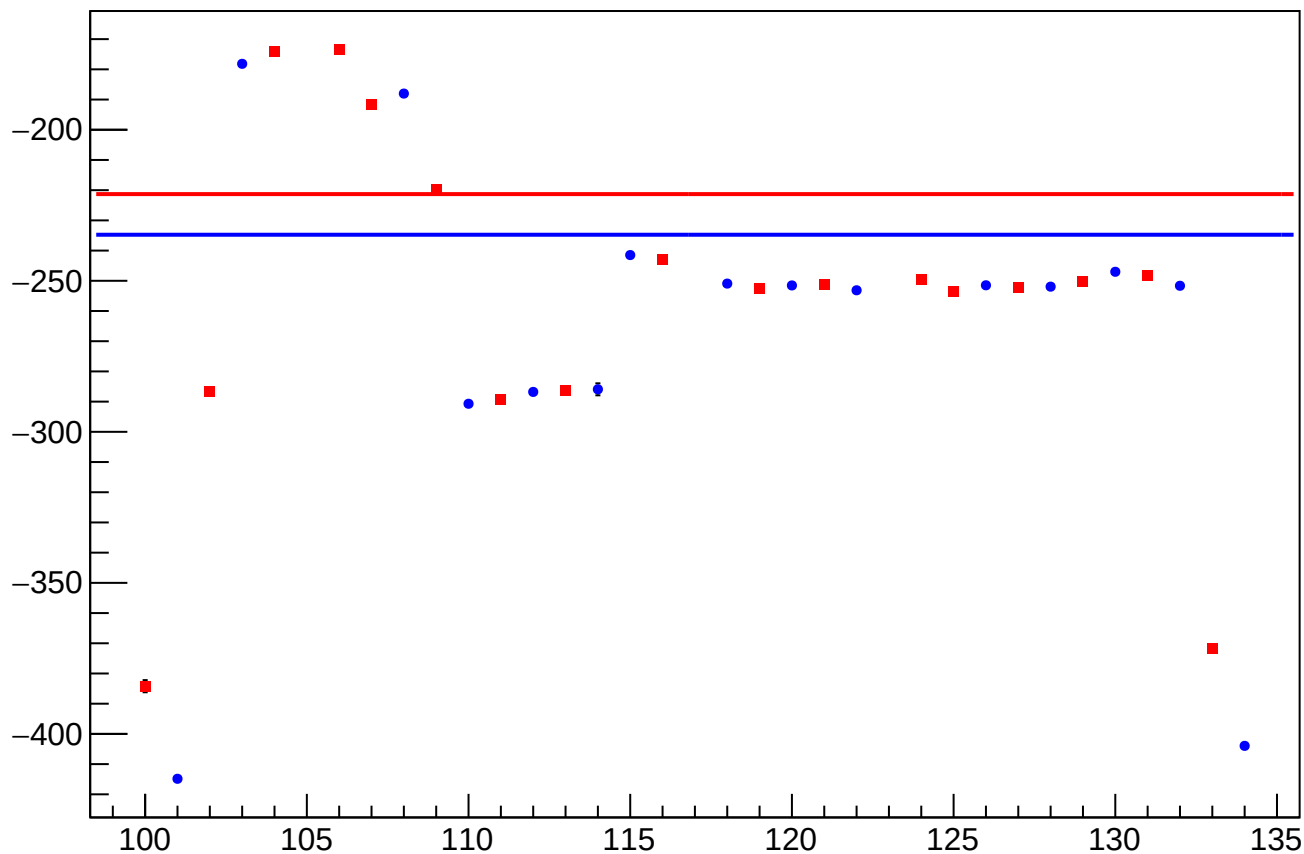
Right: 129.030+/-2.307 χ^2/NDF : 885.6/31

In: 137.484+/-3.392 χ^2/NDF :380.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.030+/-2.307 χ^2/NDF : 885.6/31

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.755+/-0.184 χ^2/NDF : 163634.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -221.299+/-0.174 χ^2/NDF : 88202.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

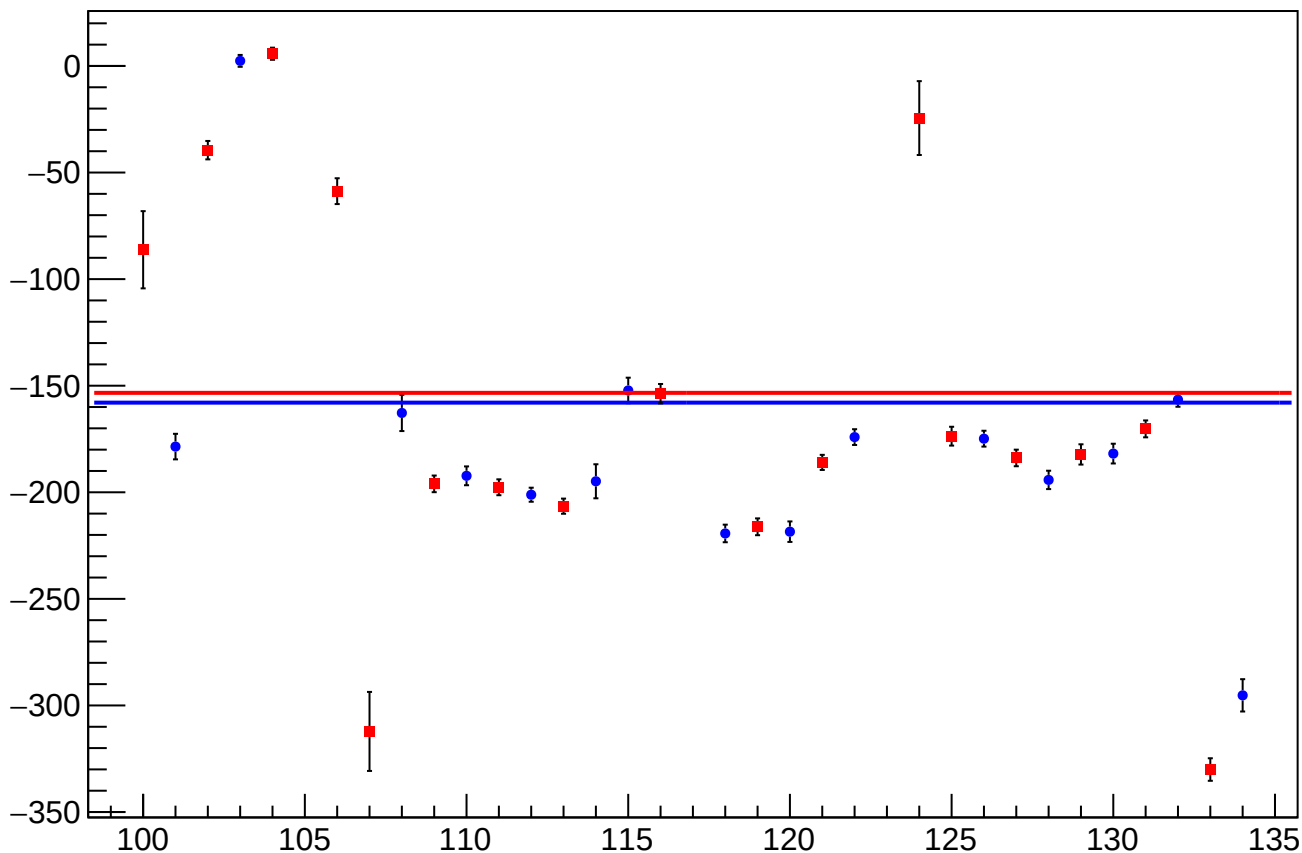
Right: -227.647+/-0.126 χ^2/NDF : 254663.9/31

In: -234.755+/-0.184 χ^2/NDF : 163634.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.647+/-0.126 χ^2/NDF : 254663.9/31

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -157.943+/-1.109 χ^2/NDF : 4439.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -153.351+/-1.064 χ^2/NDF : 6297.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

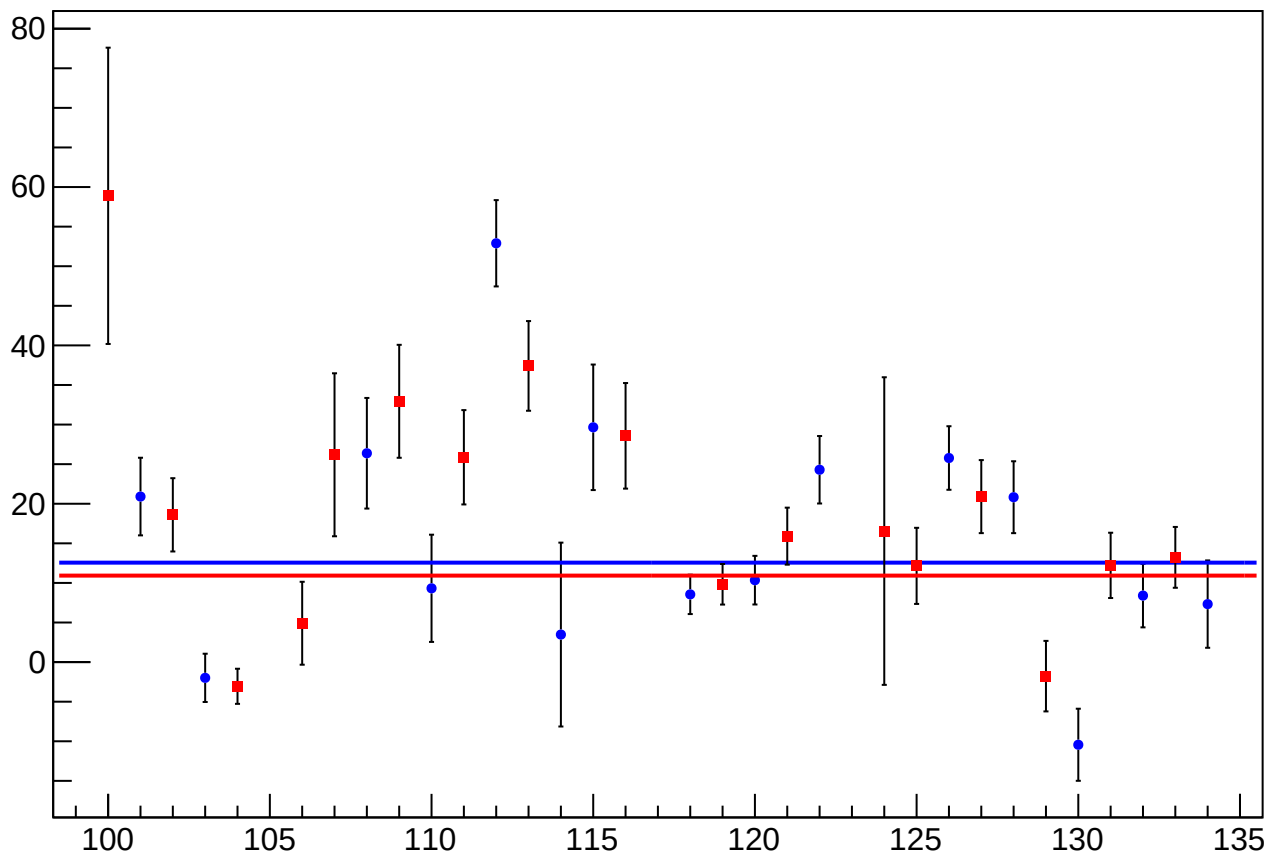
Right: -155.551+/-0.768 χ^2/NDF : 10745.6/31

In: -157.943+/-1.109 χ^2/NDF :4439.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -155.551+/-0.768 χ^2/NDF : 10745.6/31

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.101 χ^2/NDF : 142.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.924+/-1.054 χ^2/NDF : 112.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

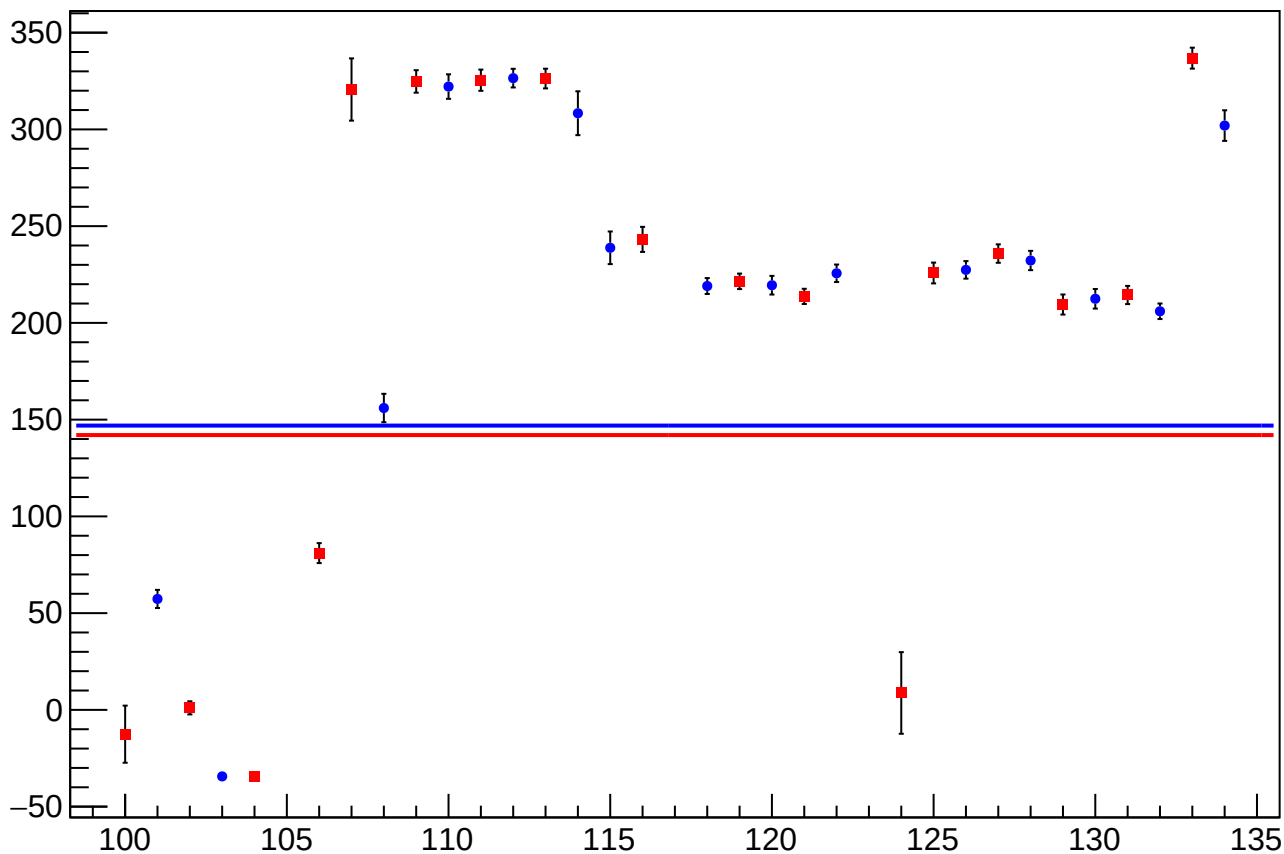
Right: 11.707+/-0.761 χ^2/NDF : 256.2/31

In: 12.561+/-1.101 χ^2/NDF : 142.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.707+/-0.761 χ^2/NDF : 256.2/31

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 146.929+/-1.178 χ^2/NDF : 11945.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.029+/-1.131 χ^2/NDF : 15063.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

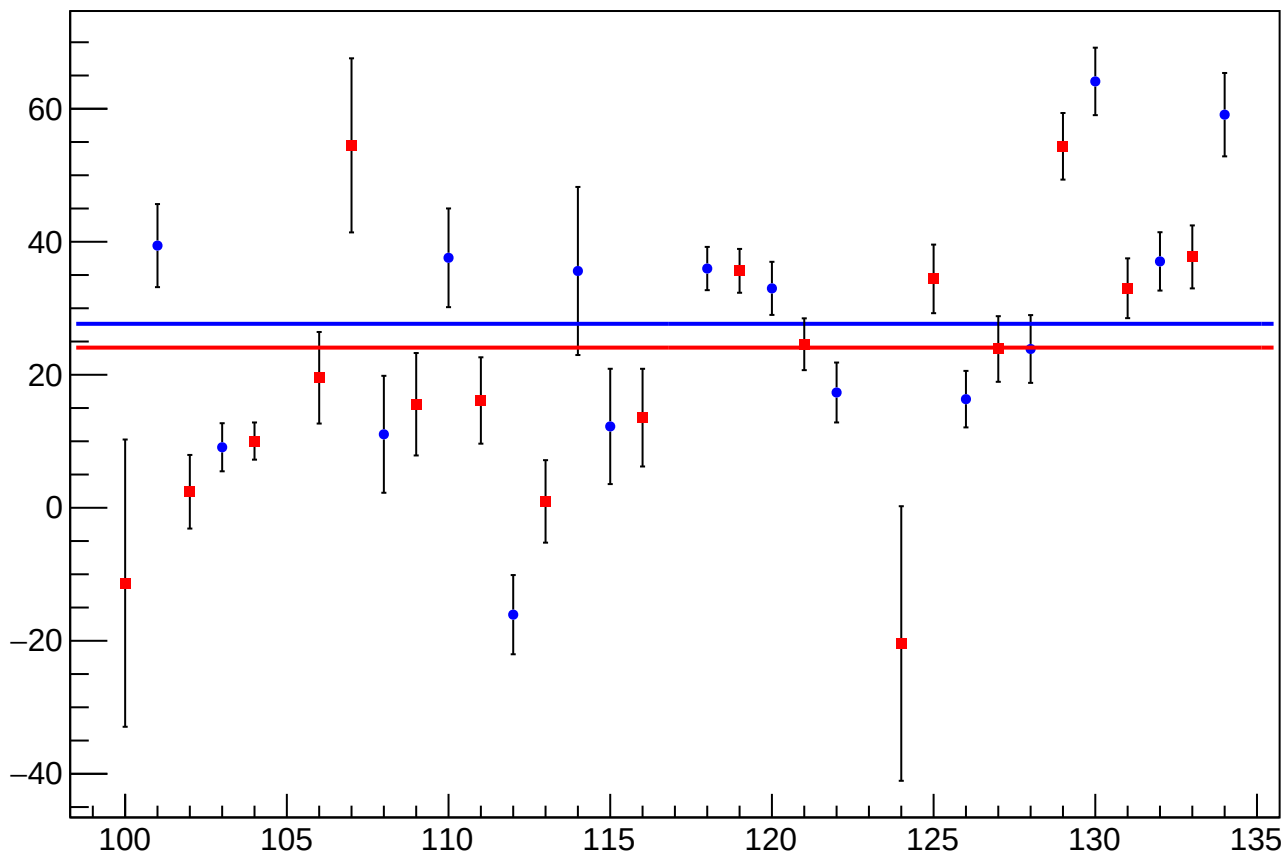
Right: 144.379+/-0.816 χ^2/NDF : 27017.5/31

In: 146.929+/-1.178 χ^2/NDF : 11945.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.379+/-0.816 χ^2/NDF : 27017.5/31

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.663 $\pm$ 1.293 χ^2 /NDF: 195.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.085 $\pm$ 1.243 χ^2 /NDF: 137.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

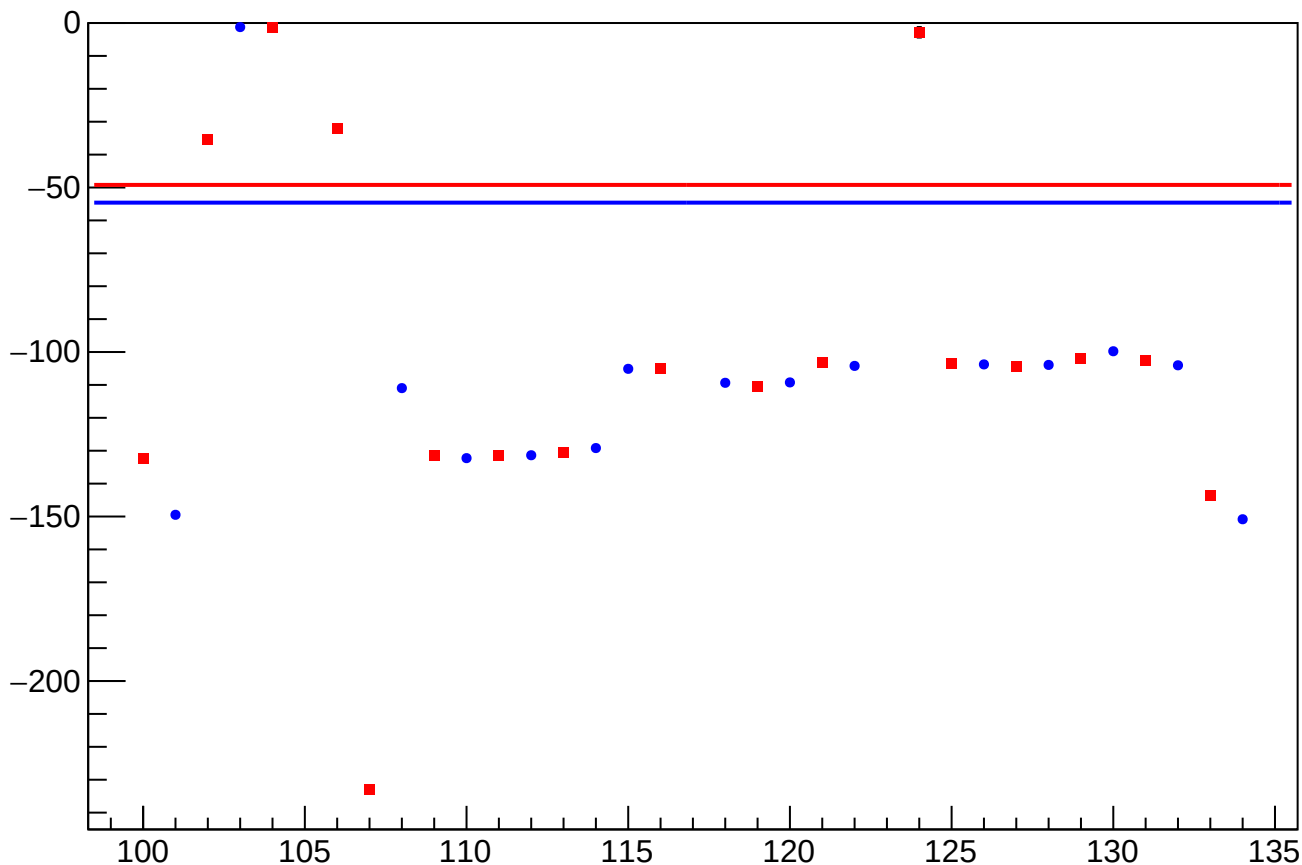
Right: 25.802 $\pm$ 0.896 χ^2 /NDF: 336.8/31

In: 27.663 $\pm$ 1.293 χ^2 /NDF:195.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.802 $\pm$ 0.896 χ^2 /NDF: 336.8/31

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -54.598 $\pm$ 0.067 χ^2 /NDF: 797770.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.209 $\pm$ 0.065 χ^2 /NDF: 640530.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

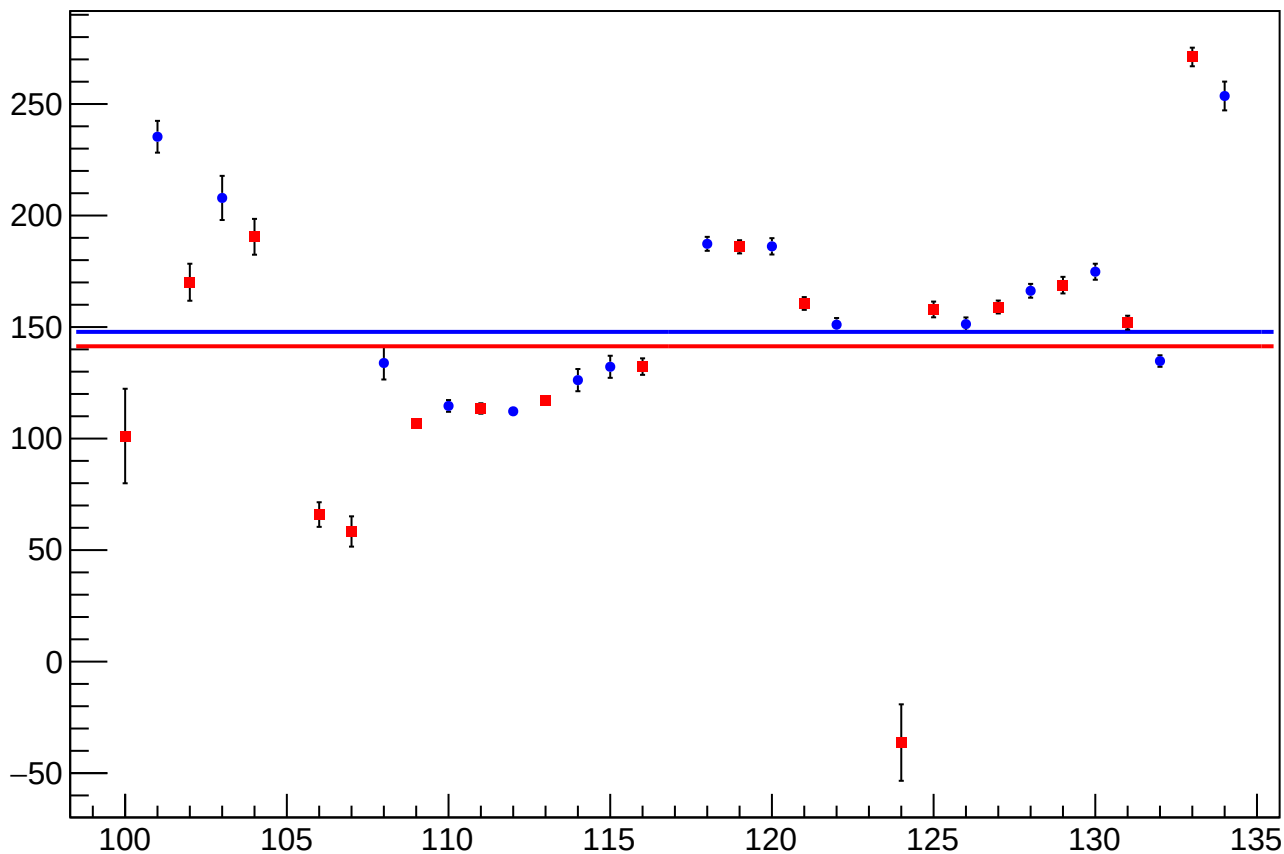
Right: -51.808 $\pm$ 0.047 χ^2 /NDF: 1441652.0/31

In: -54.598 $\pm$ 0.067 χ^2 /NDF: 797770.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.808 $\pm$ 0.047 χ^2 /NDF: 1441652.0/31

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 147.836+/-0.892 χ^2/NDF : 1322.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.379+/-0.840 χ^2/NDF : 2370.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

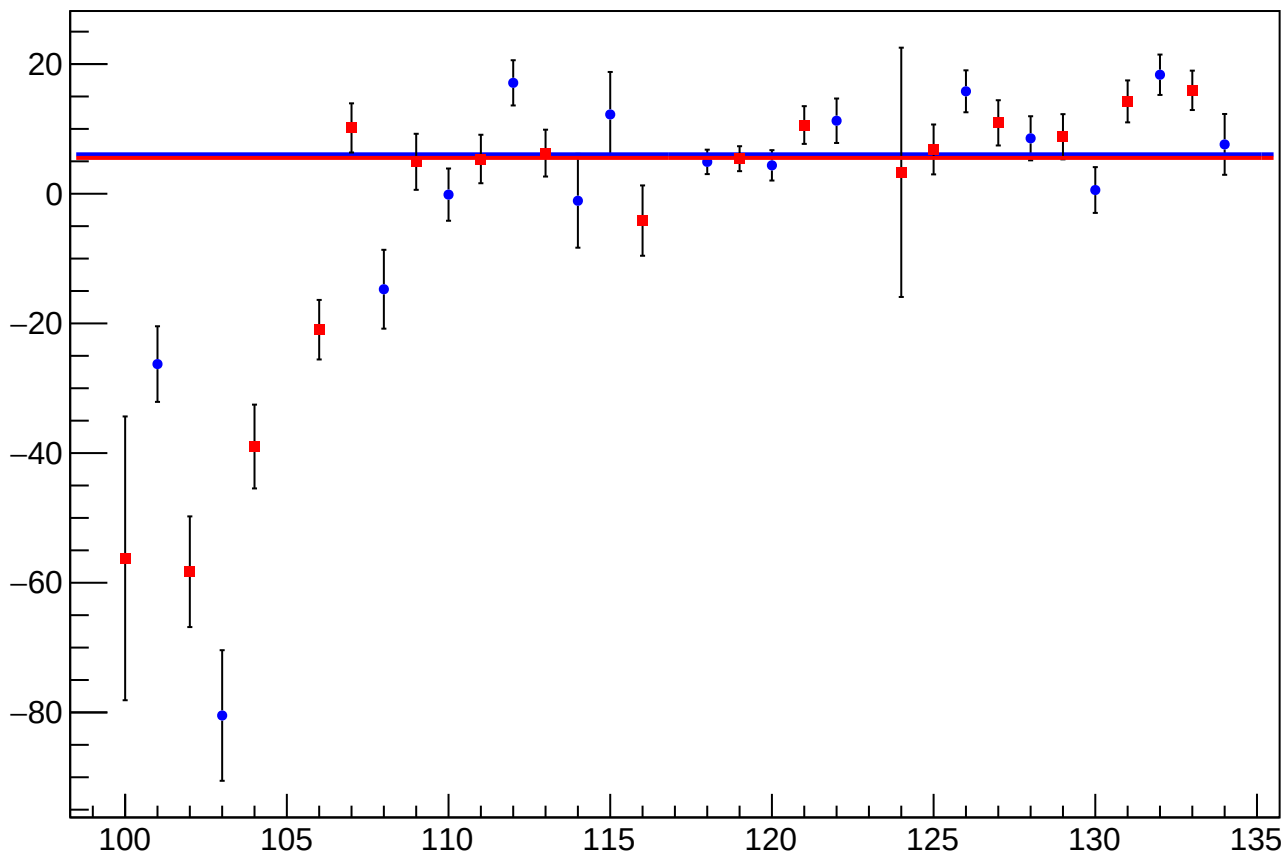
Right: 144.414+/-0.612 χ^2/NDF : 3720.6/31

In: 147.836+/-0.892 χ^2/NDF : 1322.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.414+/-0.612 χ^2/NDF : 3720.6/31

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.080 $\pm$ 0.908 χ^2 /NDF: 161.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.529 $\pm$ 0.906 χ^2 /NDF: 174.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

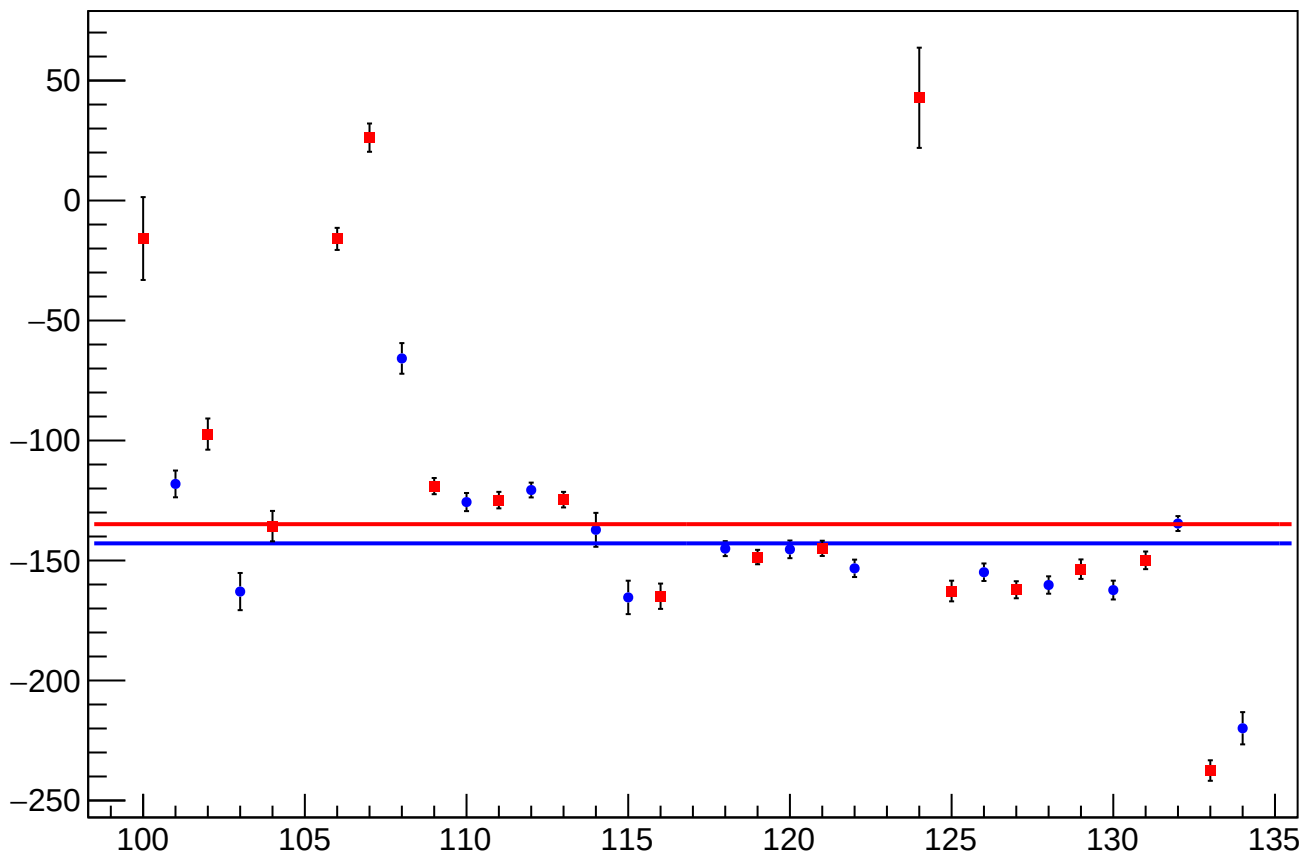
Right: 5.804 $\pm$ 0.641 χ^2 /NDF: 336.4/31

In: 6.080 $\pm$ 0.908 χ^2 /NDF:161.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.804 $\pm$ 0.641 χ^2 /NDF: 336.4/31

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -142.859+/-1.064 χ^2/NDF : 462.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.857+/-1.017 χ^2/NDF : 2388.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

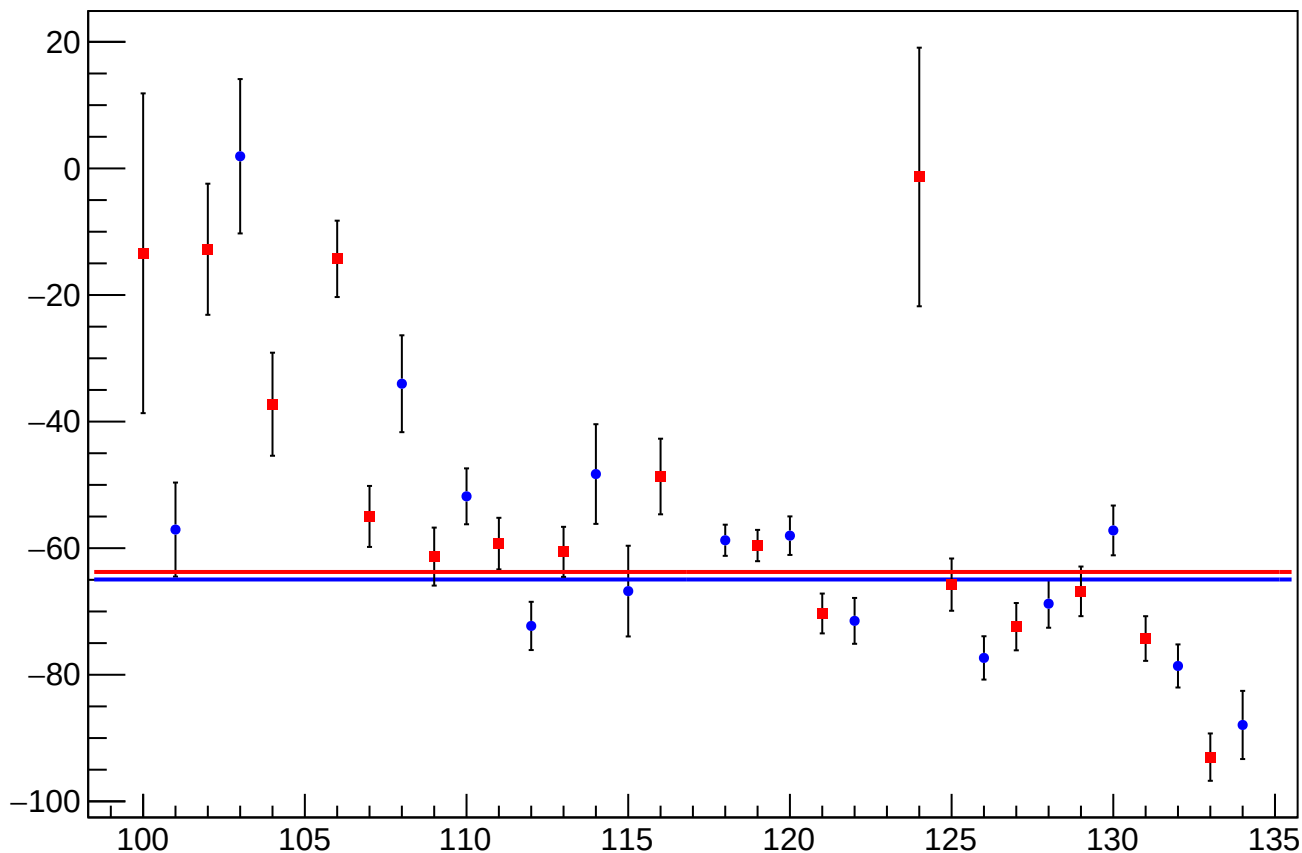
Right: -138.680+/-0.735 χ^2/NDF : 2879.7/31

In: -142.859+/-1.064 χ^2/NDF : 462.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.680+/-0.735 χ^2/NDF : 2879.7/31

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.947 ± 1.062 χ^2/NDF : 131.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.759 ± 1.048 χ^2/NDF : 210.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

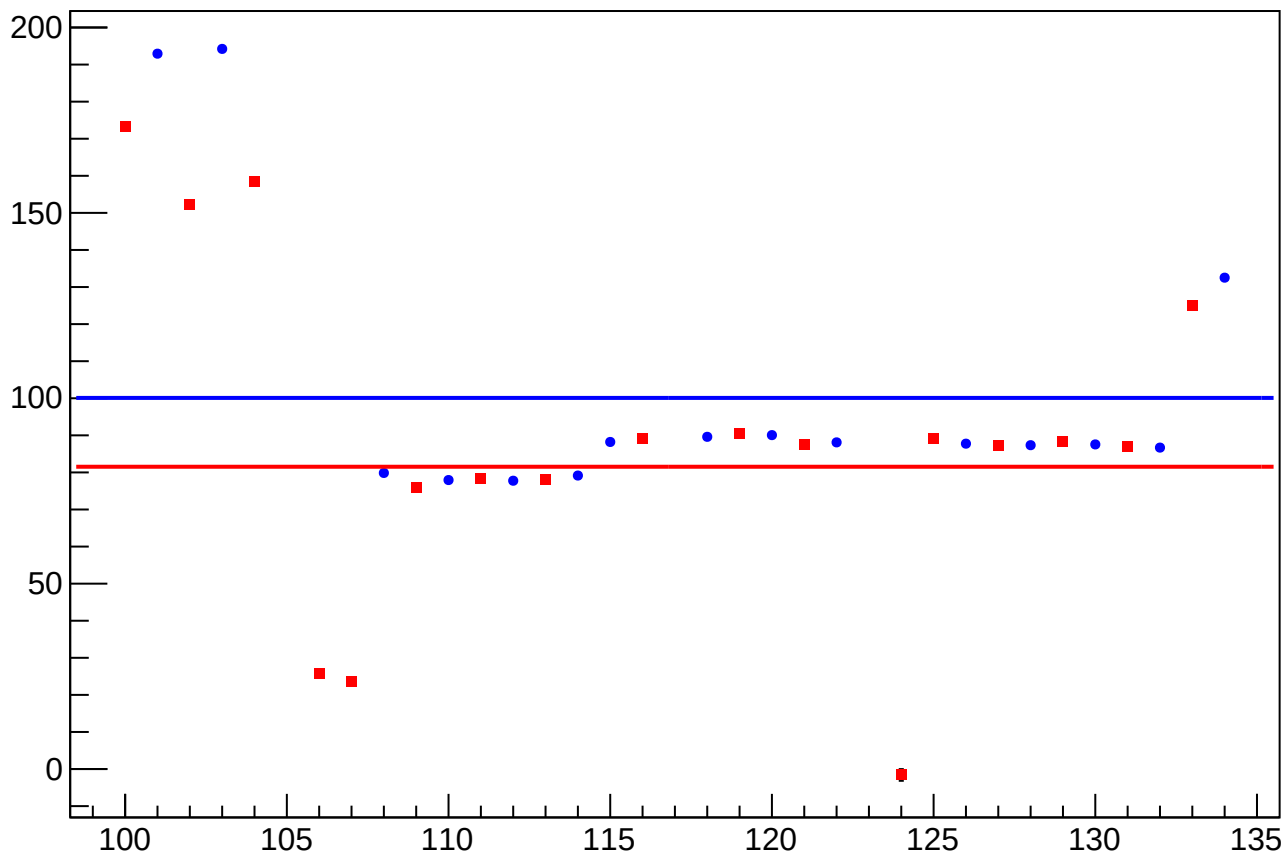
Right: -64.345 ± 0.746 χ^2/NDF : 343.0/31

In: -64.947 ± 1.062 χ^2/NDF : 131.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.345 ± 0.746 χ^2/NDF : 343.0/31

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.097+/-0.077 χ^2/NDF : 205457.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 81.533+/-0.070 χ^2/NDF : 307529.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

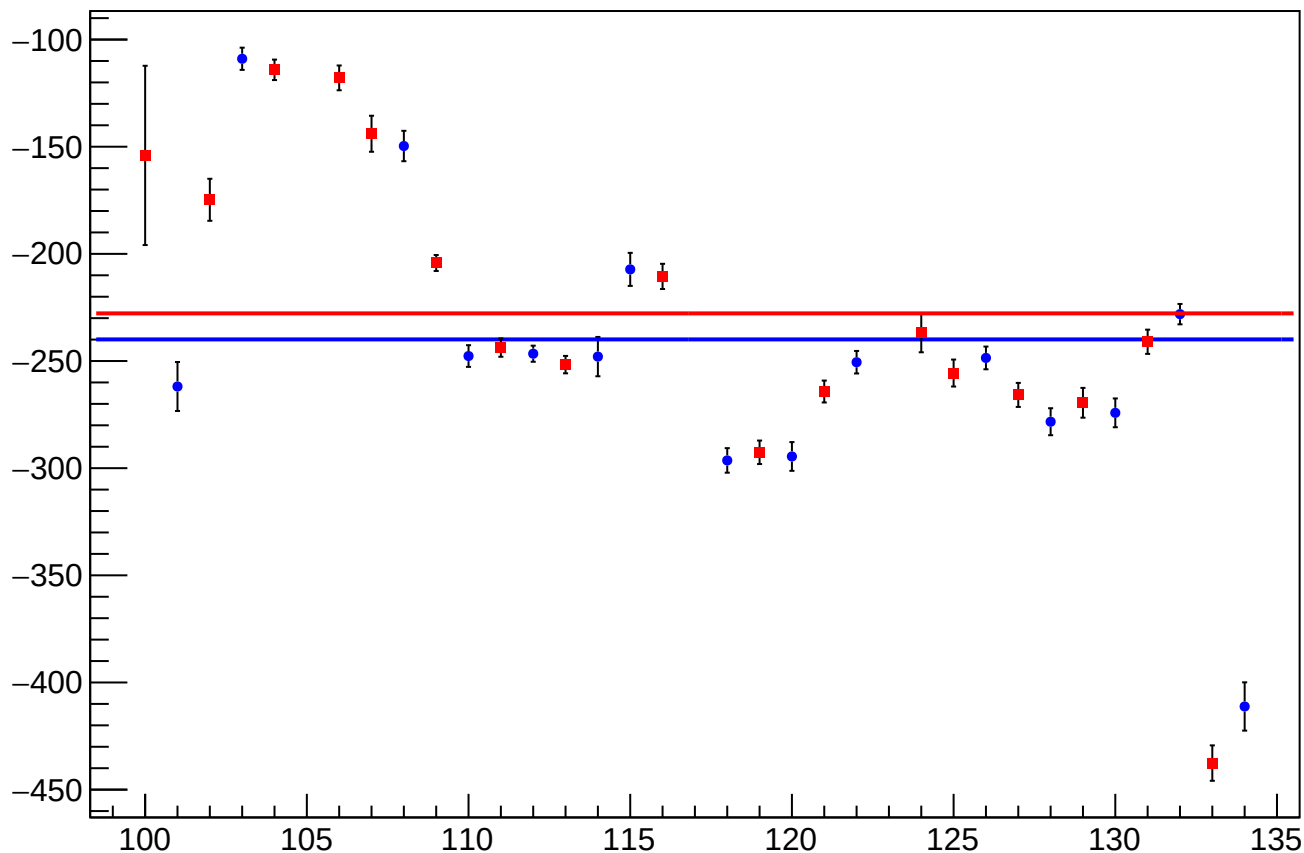
Right: 89.915+/-0.052 χ^2/NDF : 544936.6/31

In: 100.097+/-0.077 χ^2/NDF :205457.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 89.915+/-0.052 χ^2/NDF : 544936.6/31

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -239.917+/-1.530 χ^2/NDF : 1299.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -227.774+/-1.383 χ^2/NDF : 2100.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

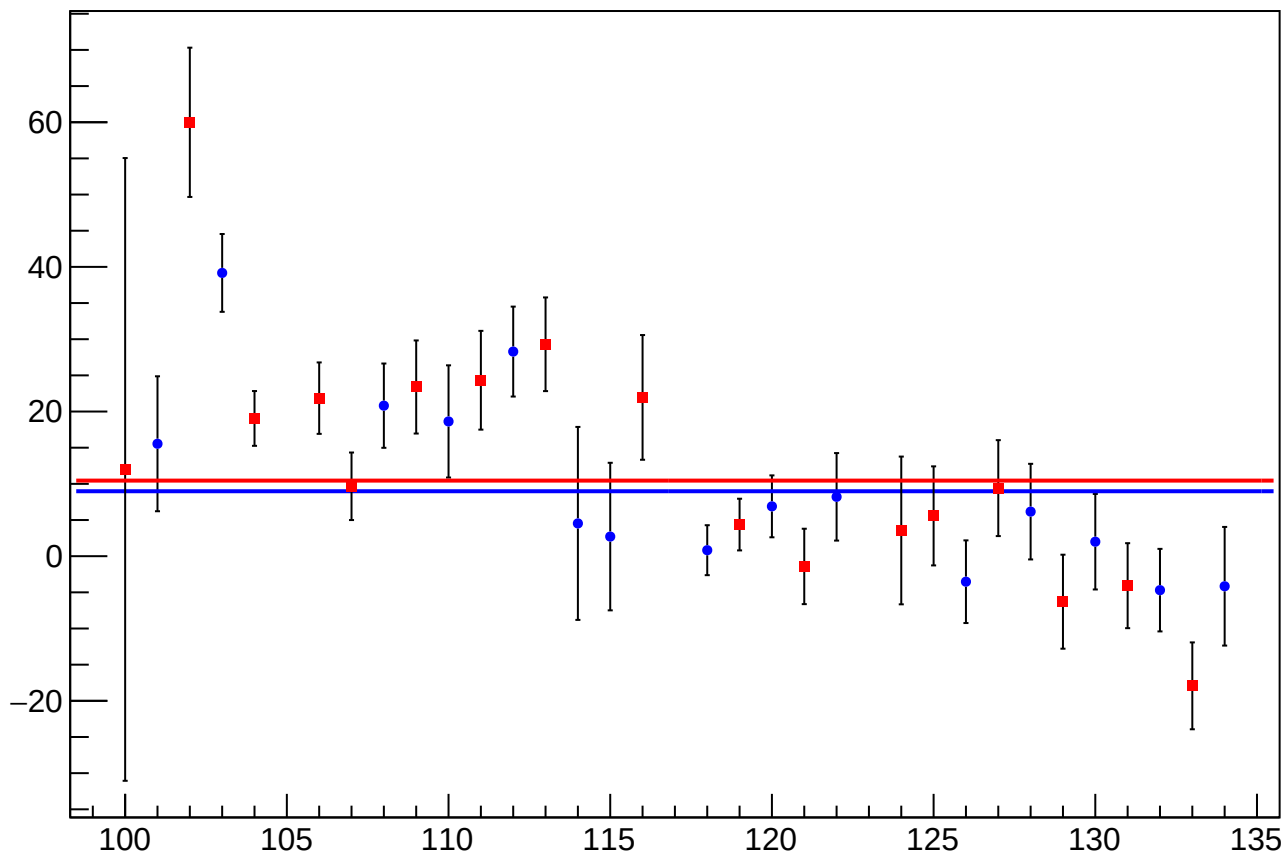
Right: -233.237+/-1.026 χ^2/NDF : 3434.3/31

In: -239.917+/-1.530 χ^2/NDF :1299.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -233.237+/-1.026 χ^2/NDF : 3434.3/31

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.980+/-1.541 χ^2/NDF : 68.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.450+/-1.416 χ^2/NDF : 96.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

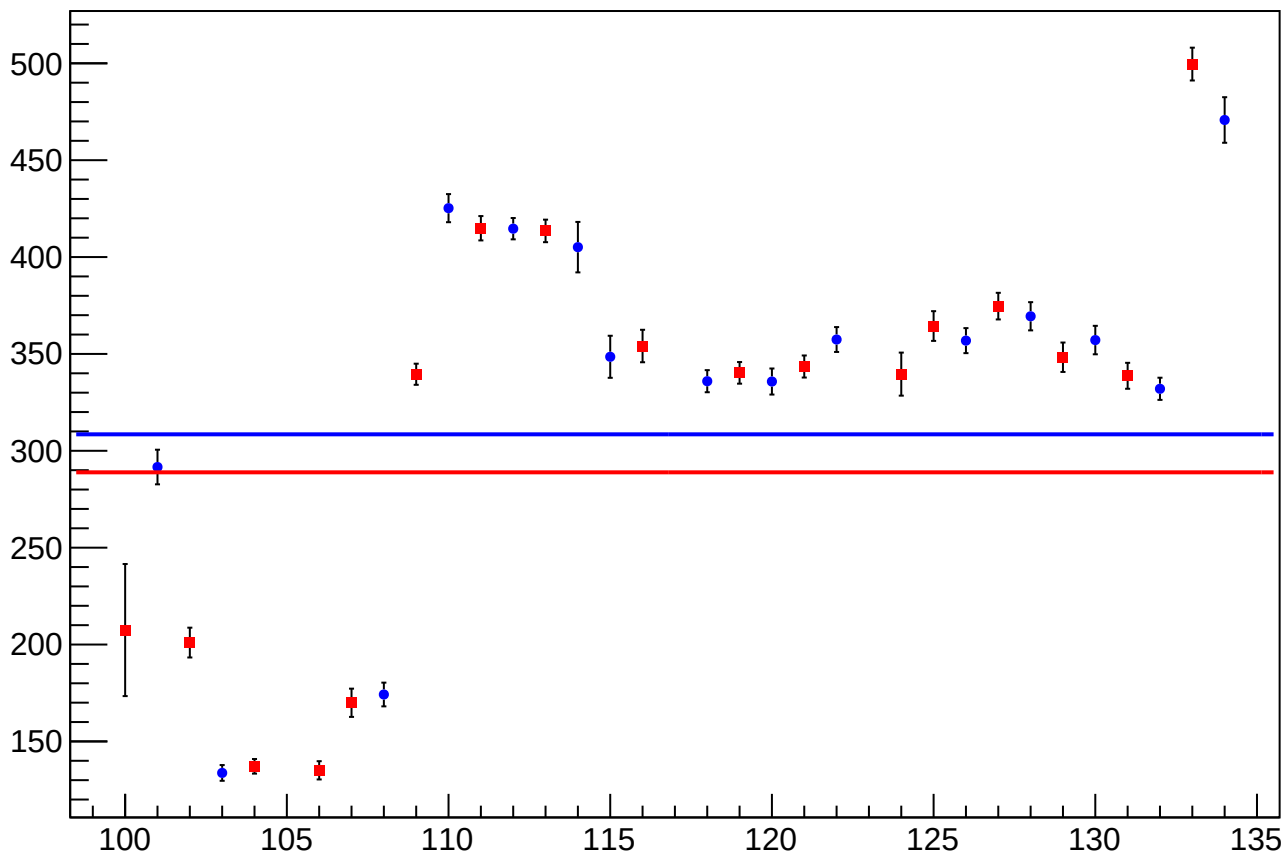
Right: 9.777+/-1.043 χ^2/NDF : 164.6/31

In: 8.980+/-1.541 χ^2/NDF : 68.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.777+/-1.043 χ^2/NDF : 164.6/31

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 308.503+/-1.709 χ^2/NDF : 3506.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 288.888+/-1.547 χ^2/NDF : 5286.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

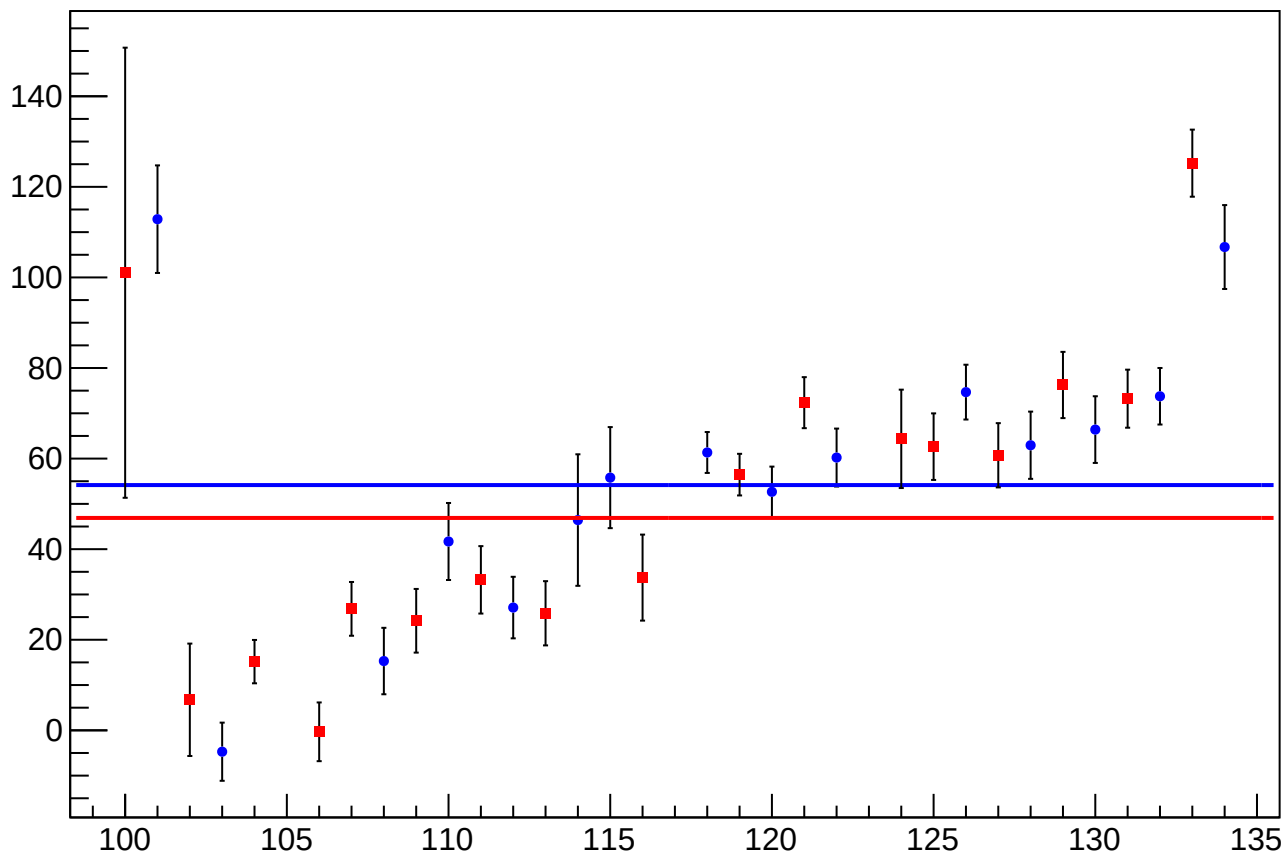
Right: 297.722+/-1.147 χ^2/NDF : 8864.5/31

In: 308.503+/-1.709 χ^2/NDF :3506.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 297.722+/-1.147 χ^2/NDF : 8864.5/31

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.153+/-1.810 χ^2/NDF : 216.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.896+/-1.669 χ^2/NDF : 325.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

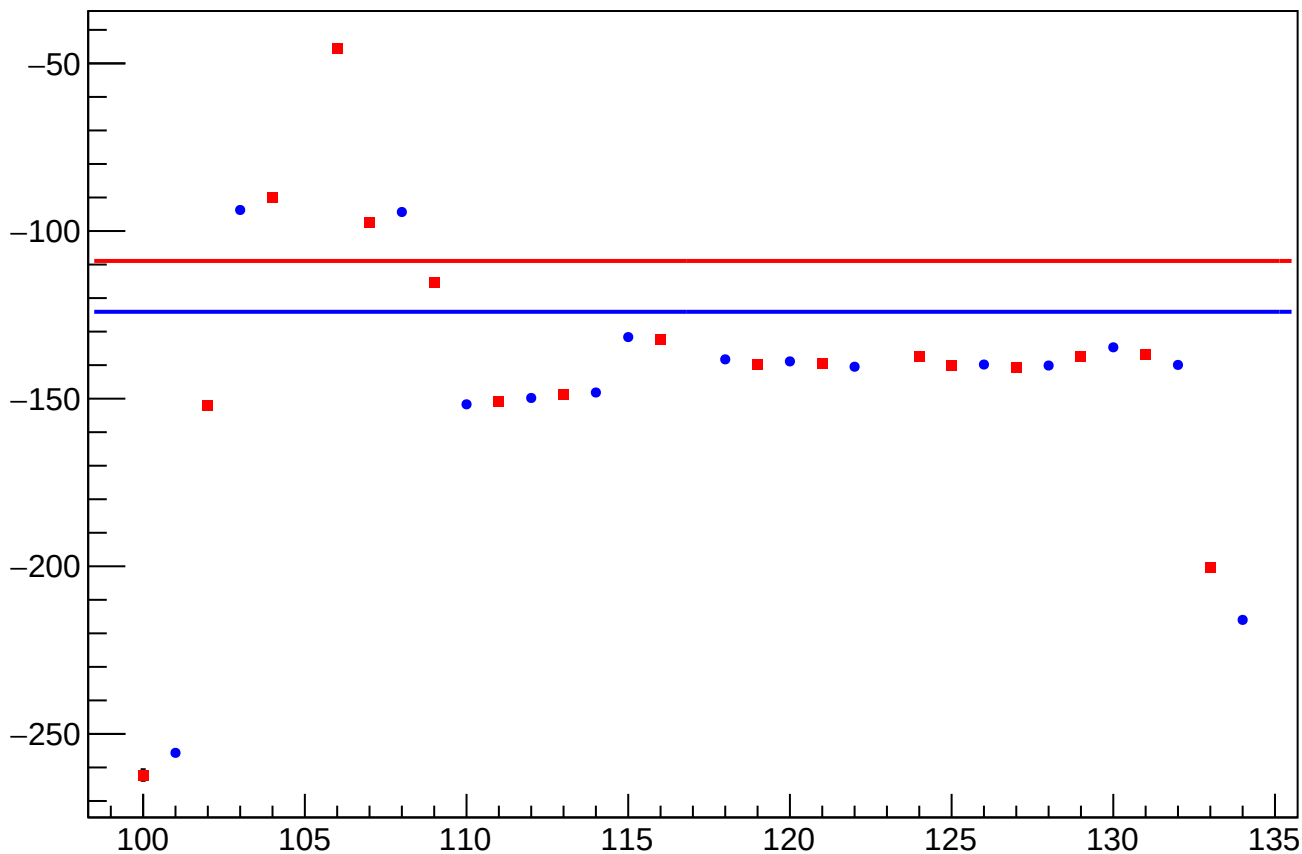
Right: 50.230+/-1.227 χ^2/NDF : 550.0/31

In: 54.153+/-1.810 χ^2/NDF : 216.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.230+/-1.227 χ^2/NDF : 550.0/31

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -124.090 $\pm$ 0.102 χ^2 /NDF: 156775.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -108.925 $\pm$ 0.093 χ^2 /NDF: 171063.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

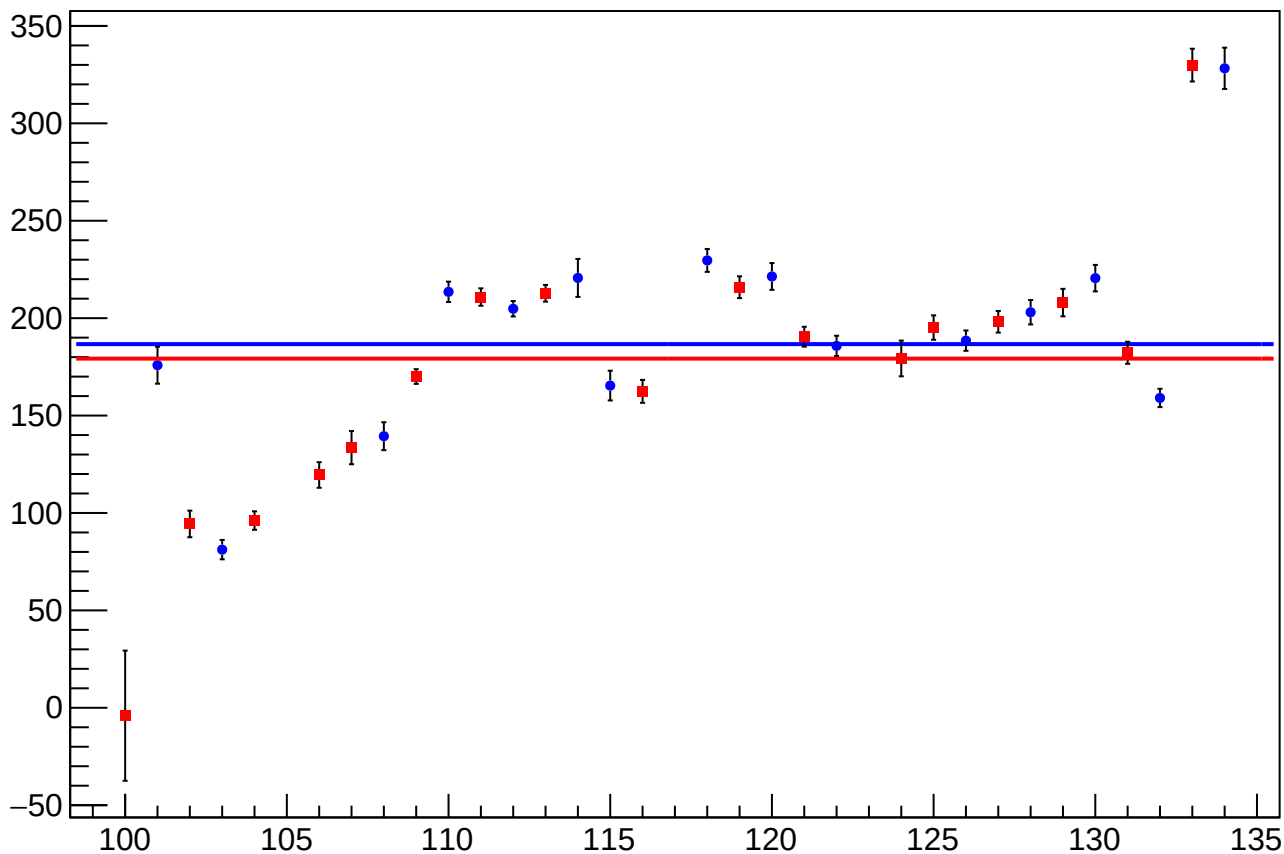
Right: -115.823 $\pm$ 0.069 χ^2 /NDF: 339820.6/31

In: -124.090 $\pm$ 0.102 χ^2 /NDF:156775.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -115.823 $\pm$ 0.069 χ^2 /NDF: 339820.6/31

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 186.676+/-1.535 χ^2/NDF : 886.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 179.226+/-1.396 χ^2/NDF : 1133.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

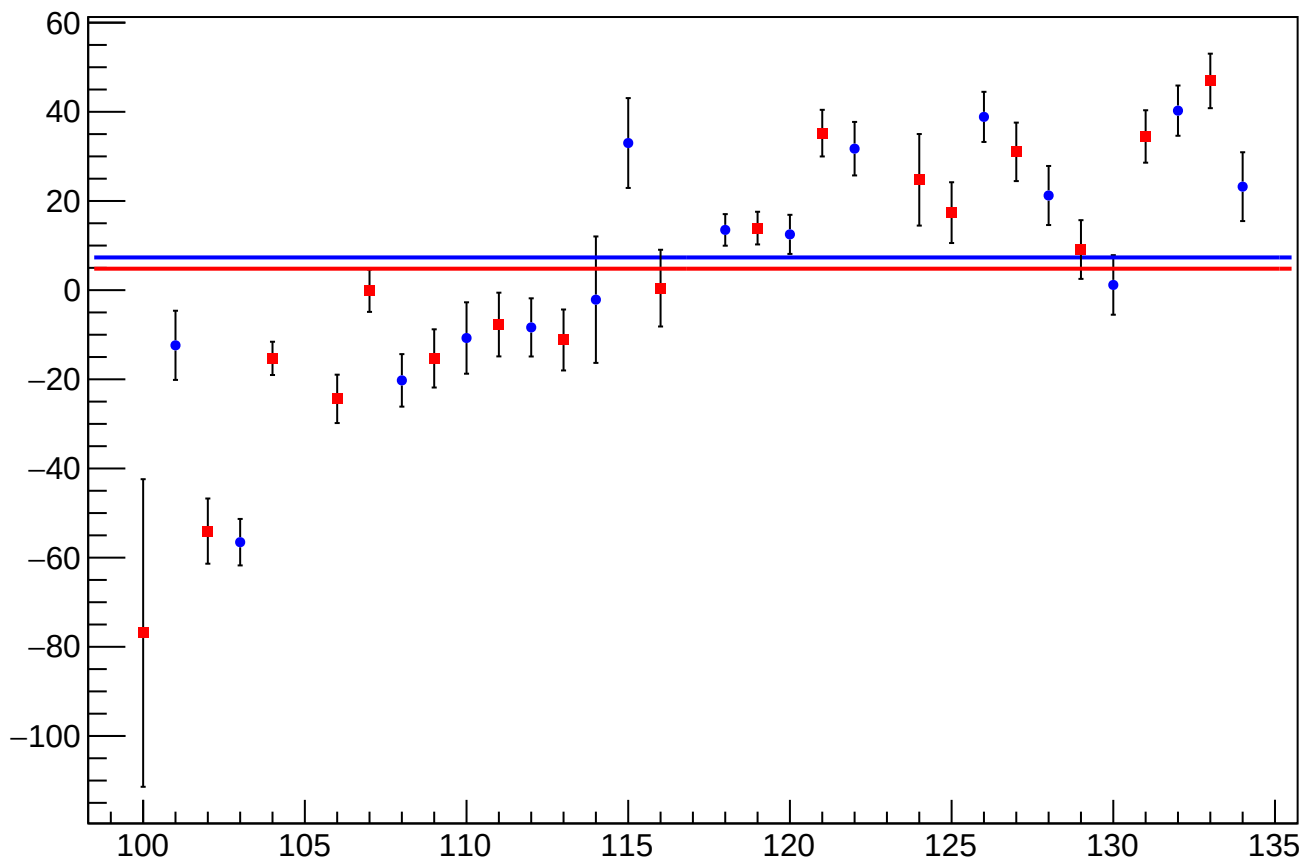
Right: 182.599+/-1.033 χ^2/NDF : 2032.4/31

In: 186.676+/-1.535 χ^2/NDF :886.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.599+/-1.033 χ^2/NDF : 2032.4/31

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.337 $\pm$ 1.542 χ^2 /NDF: 292.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.812 $\pm$ 1.426 χ^2 /NDF: 284.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

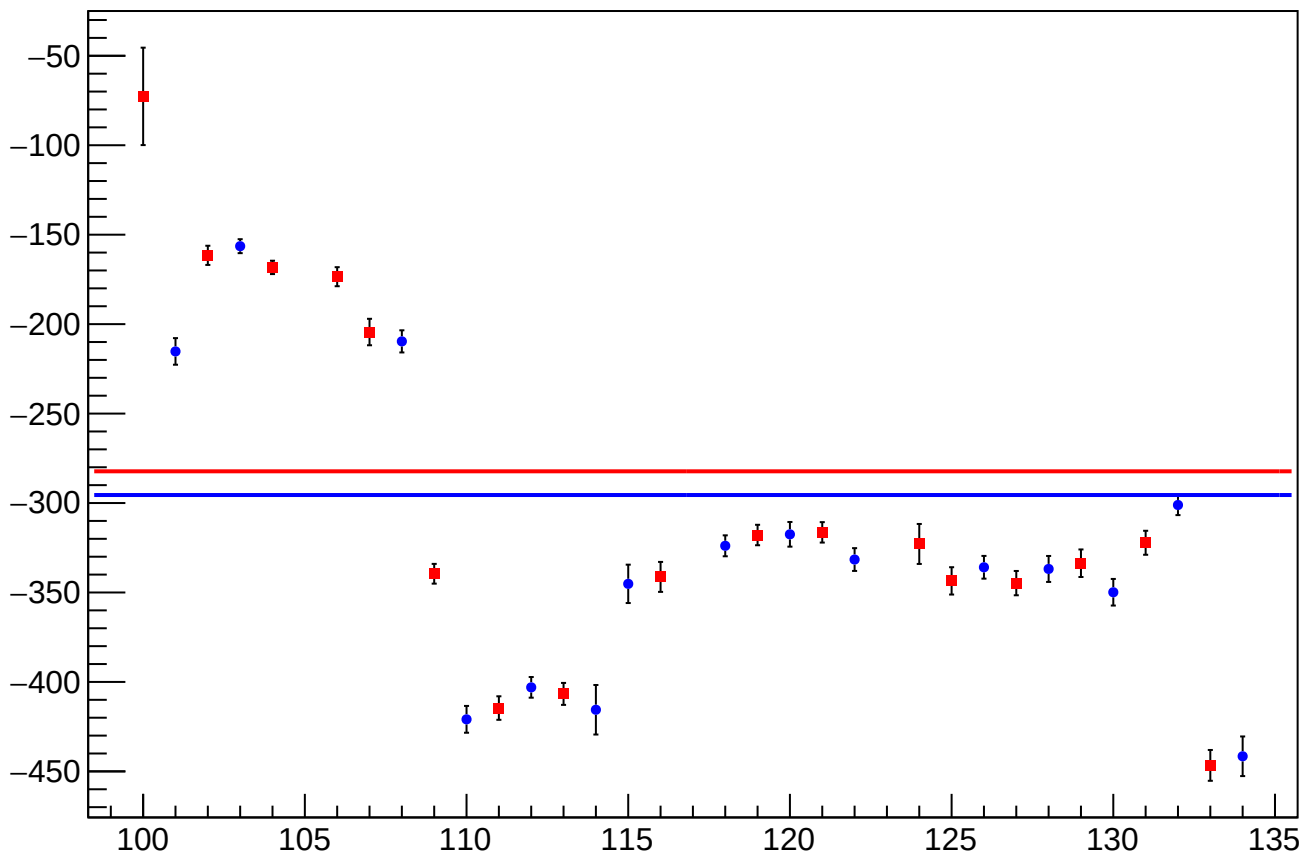
Right: 5.977 $\pm$ 1.047 χ^2 /NDF: 578.0/31

In: 7.337 $\pm$ 1.542 χ^2 /NDF:292.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.977 $\pm$ 1.047 χ^2 /NDF: 578.0/31

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -295.520+/-1.696 χ^2/NDF : 2669.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -282.268+/-1.545 χ^2/NDF : 3680.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

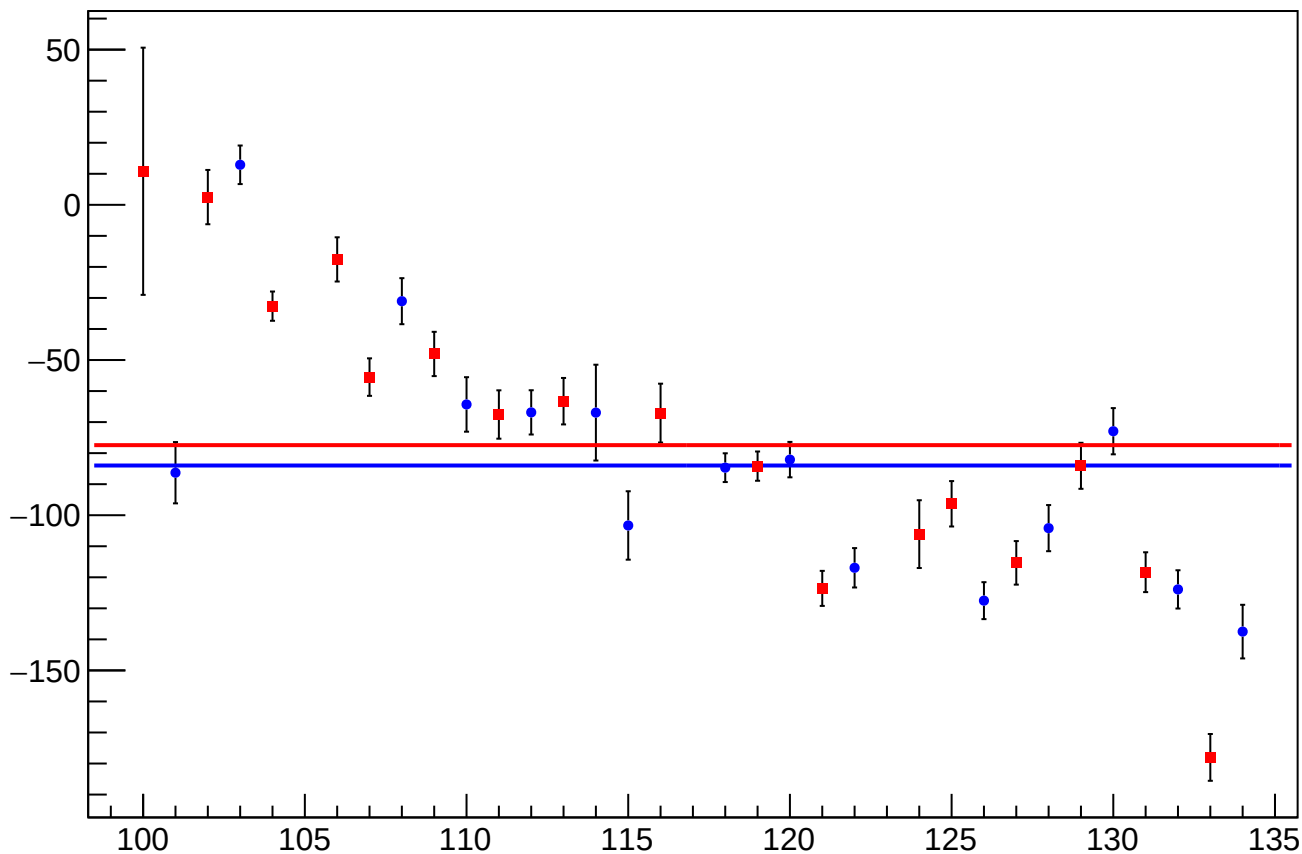
Right: -288.279+/-1.142 χ^2/NDF : 6382.7/31

In: -295.520+/-1.696 χ^2/NDF : 2669.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.279+/-1.142 χ^2/NDF : 6382.7/31

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -83.986 $\pm$ 1.809 χ^2 /NDF: 479.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -77.424 $\pm$ 1.679 χ^2 /NDF: 616.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

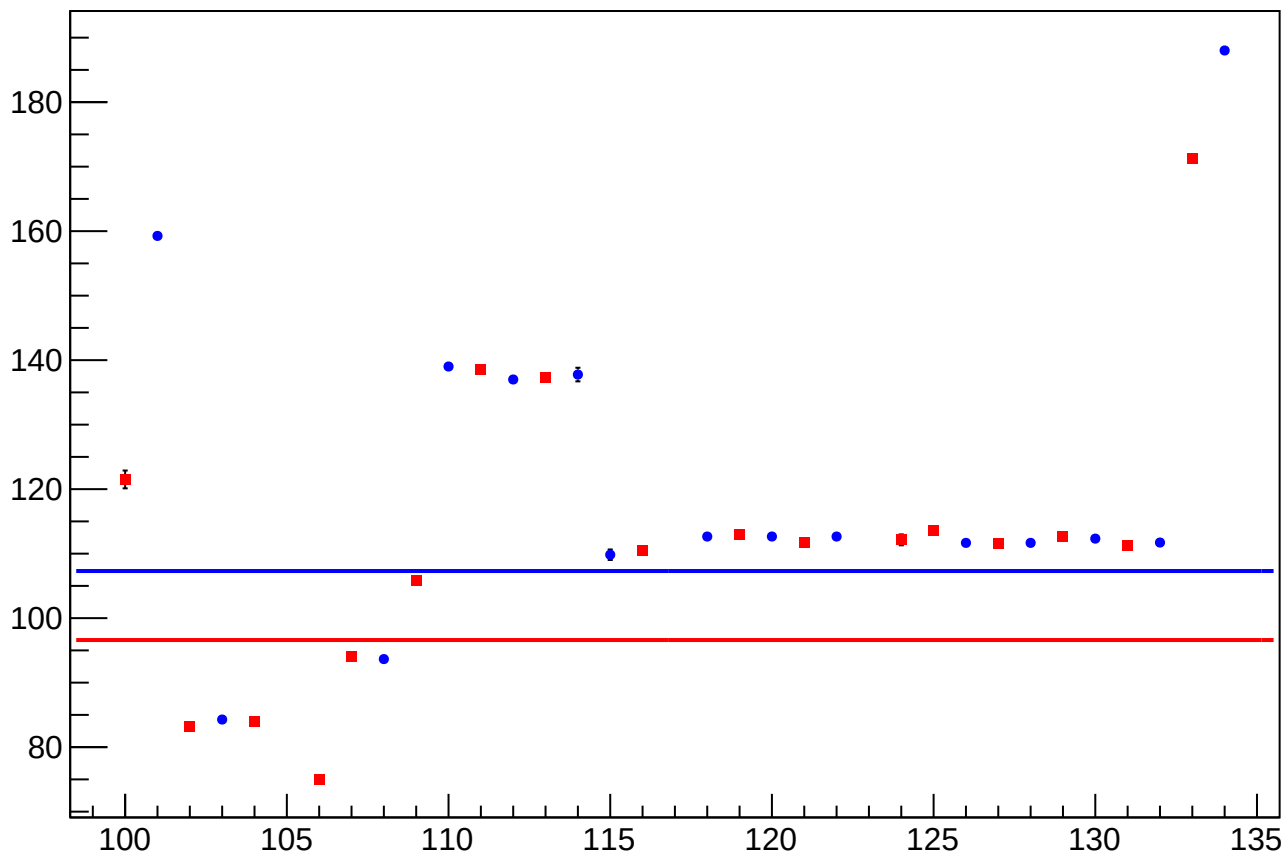
Right: -80.461 $\pm$ 1.231 χ^2 /NDF: 1103.8/31

In: -83.986 $\pm$ 1.809 χ^2 /NDF:479.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -80.461 $\pm$ 1.231 χ^2 /NDF: 1103.8/31

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 107.307+/-0.100 χ^2/NDF : 79295.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.607+/-0.091 χ^2/NDF : 51120.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

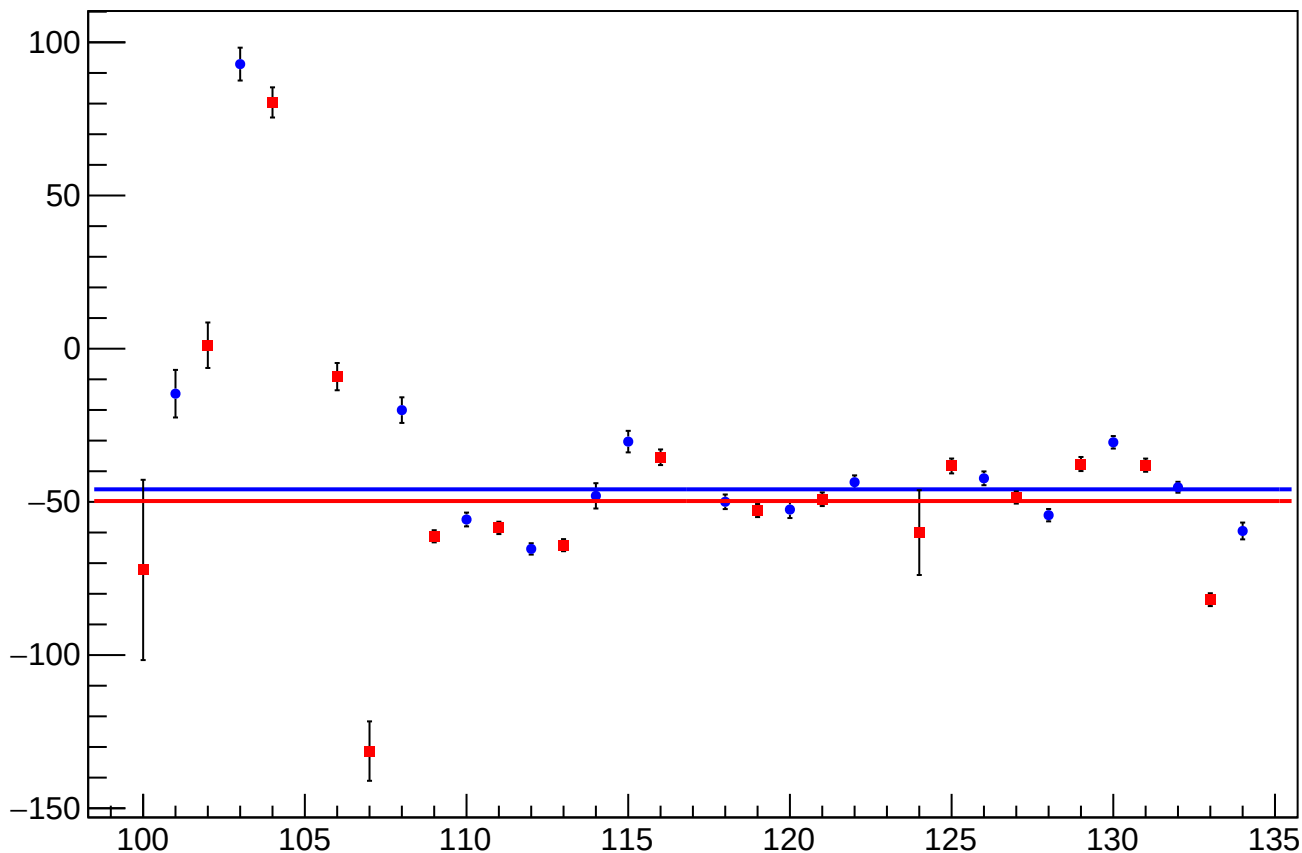
Right: 101.454+/-0.067 χ^2/NDF : 136672.5/31

In: 107.307+/-0.100 χ^2/NDF : 79295.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.454+/-0.067 χ^2/NDF : 136672.5/31

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.901 ± 0.649 χ^2/NDF : 983.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.728 ± 0.630 χ^2/NDF : 1354.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

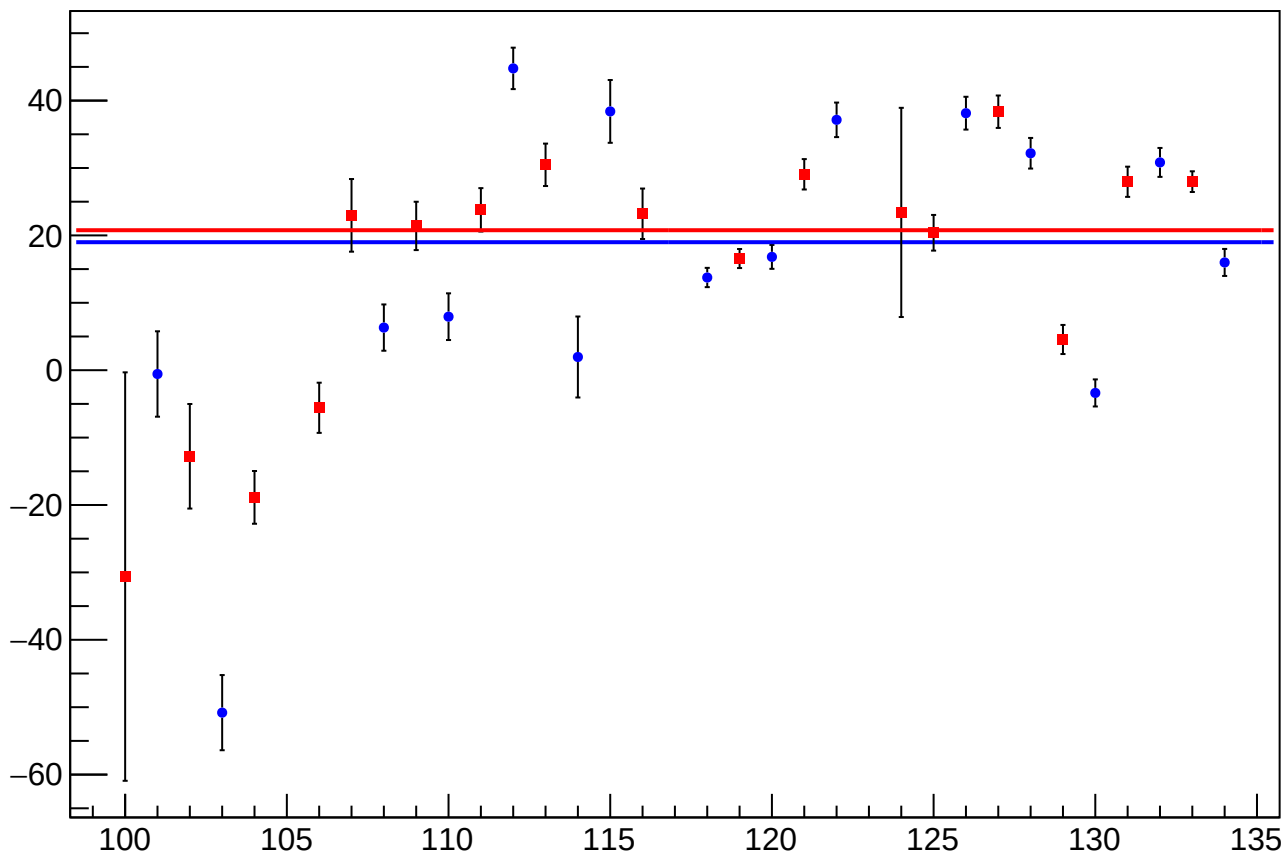
Right: -47.870 ± 0.452 χ^2/NDF : 2356.2/31

In: -45.901 ± 0.649 χ^2/NDF : 983.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.870 ± 0.452 χ^2/NDF : 2356.2/31

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.991 ± 0.640 χ^2/NDF : 603.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.768 ± 0.647 χ^2/NDF : 349.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

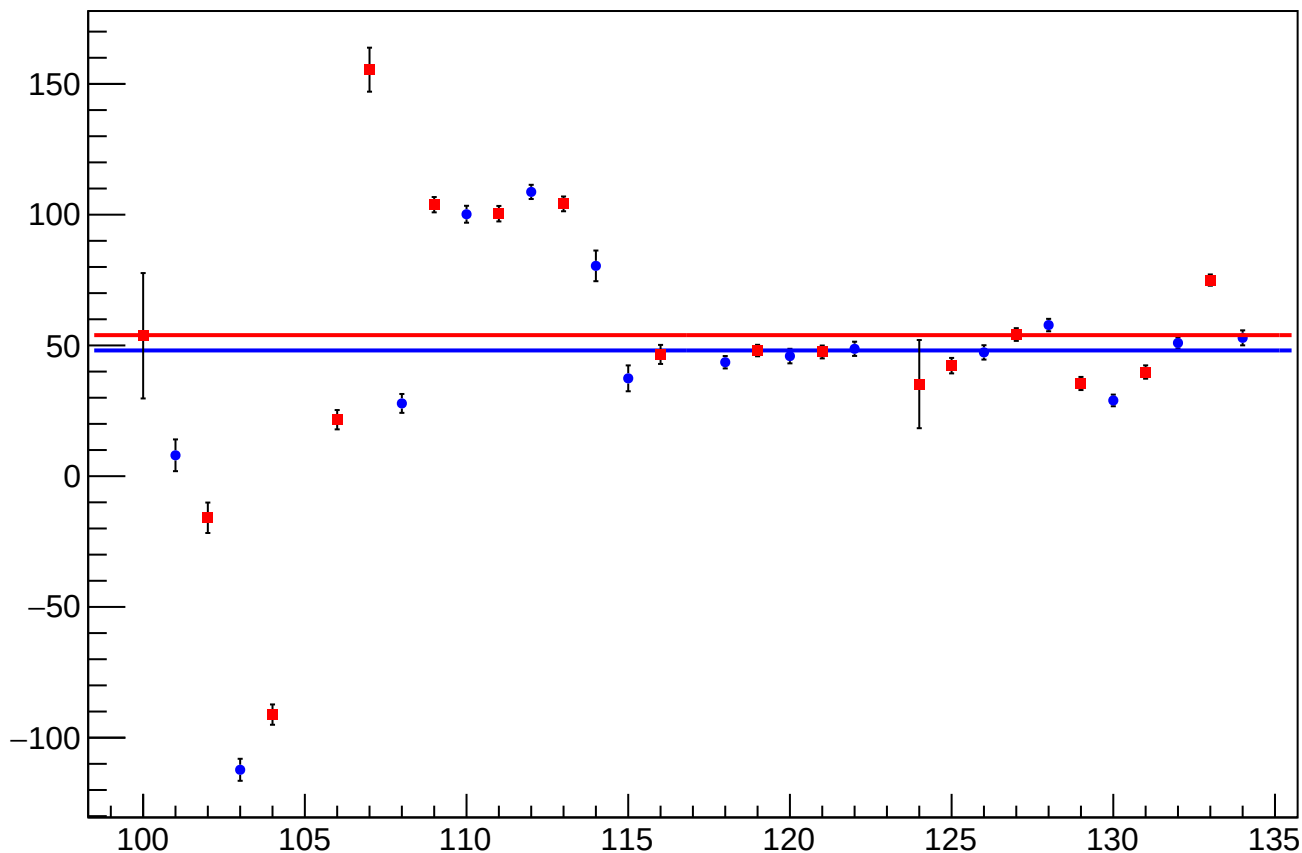
Right: 19.870 ± 0.455 χ^2/NDF : 956.7/31

In: 18.991 ± 0.640 χ^2/NDF : 603.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 19.870 ± 0.455 χ^2/NDF : 956.7/31

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 48.082 $\pm$ 0.755 χ^2/NDF : 2418.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 53.935 $\pm$ 0.744 χ^2/NDF : 2828.3/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

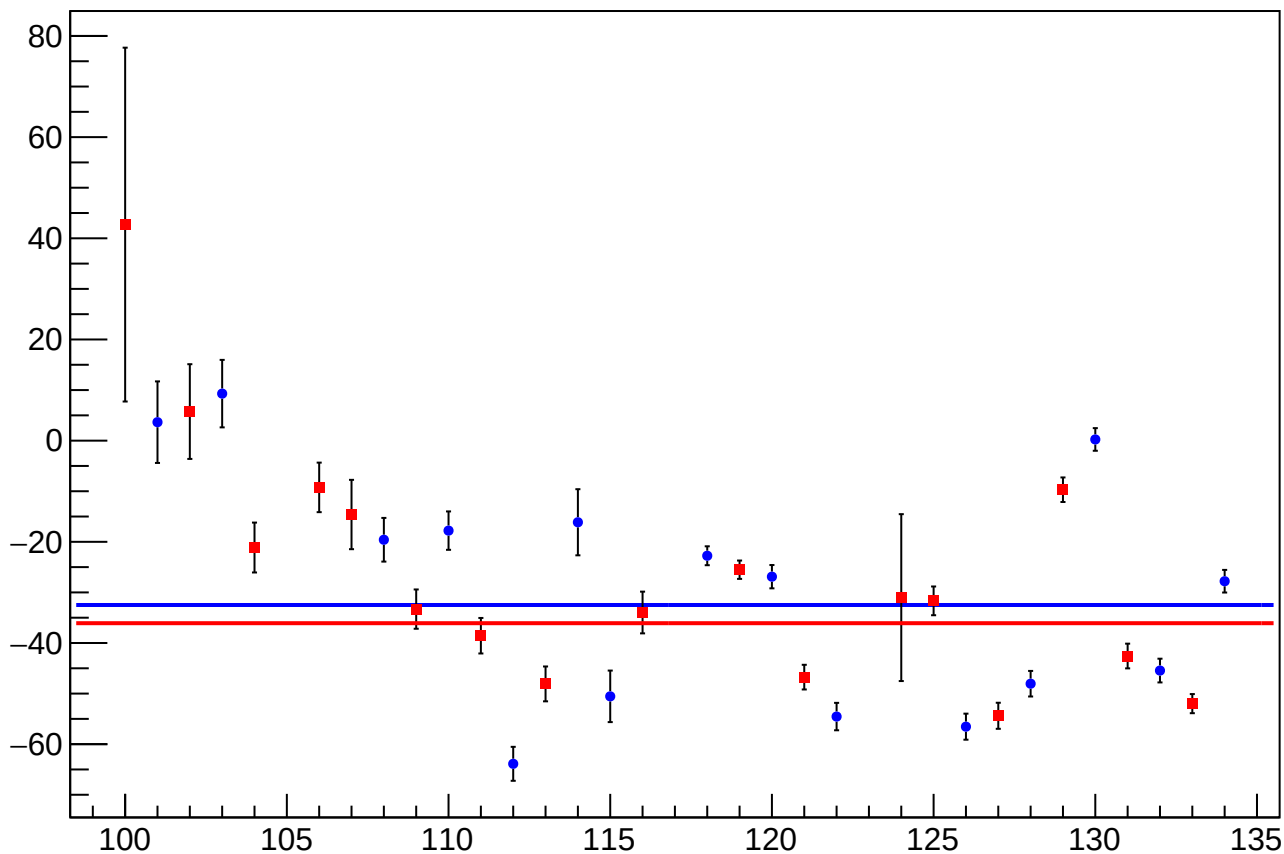
Right: 51.050 $\pm$ 0.530 χ^2/NDF : 5277.4/31

In: 48.082 $\pm$ 0.755 χ^2/NDF : 2418.6/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 51.050 $\pm$ 0.530 χ^2/NDF : 5277.4/31

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.487 ± 0.743 χ^2/NDF : 662.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.085 ± 0.751 χ^2/NDF : 389.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

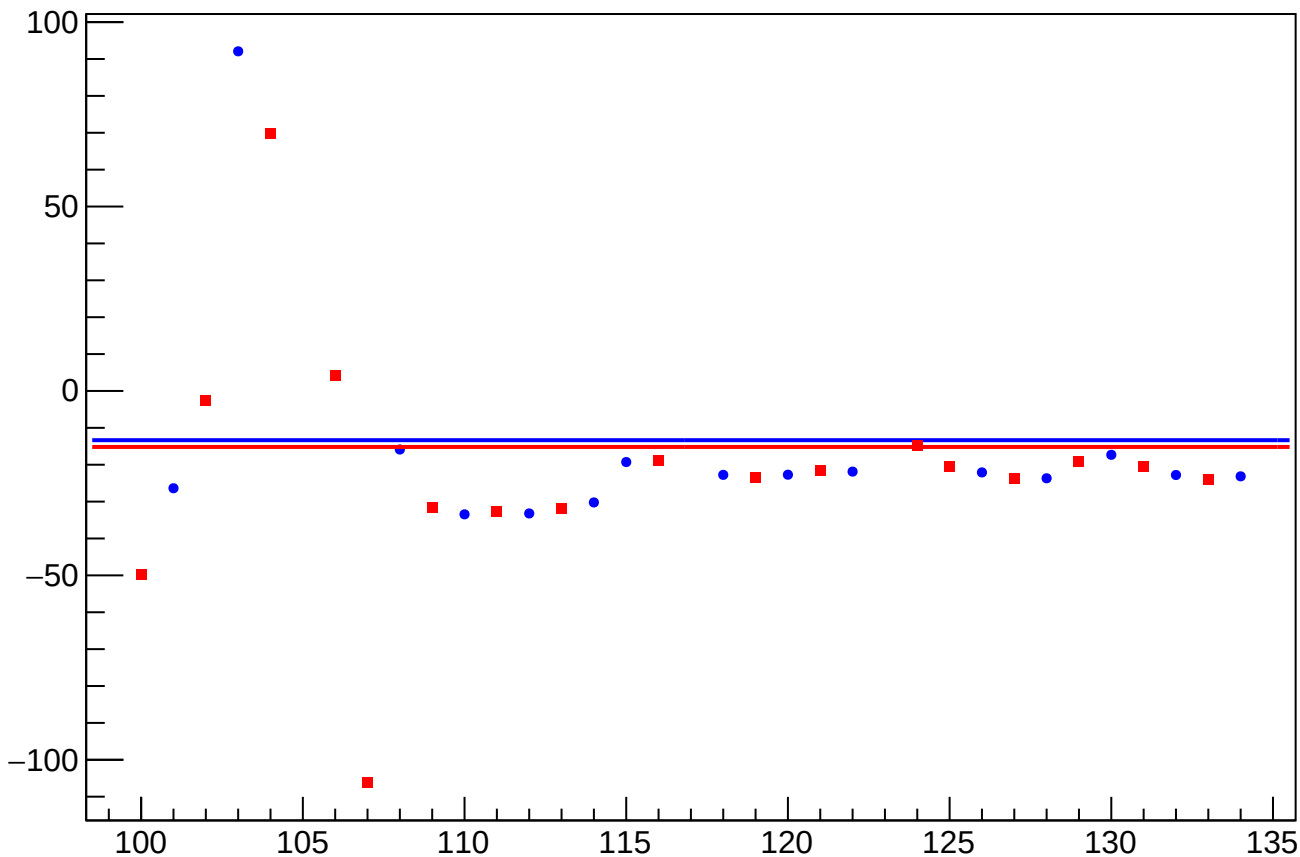
Right: -34.268 ± 0.528 χ^2/NDF : 1064.0/31

In: -32.487 ± 0.743 χ^2/NDF : 662.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.268 ± 0.528 χ^2/NDF : 1064.0/31

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.348+/-0.050 χ^2/NDF : 395713.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.183+/-0.053 χ^2/NDF : 320268.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

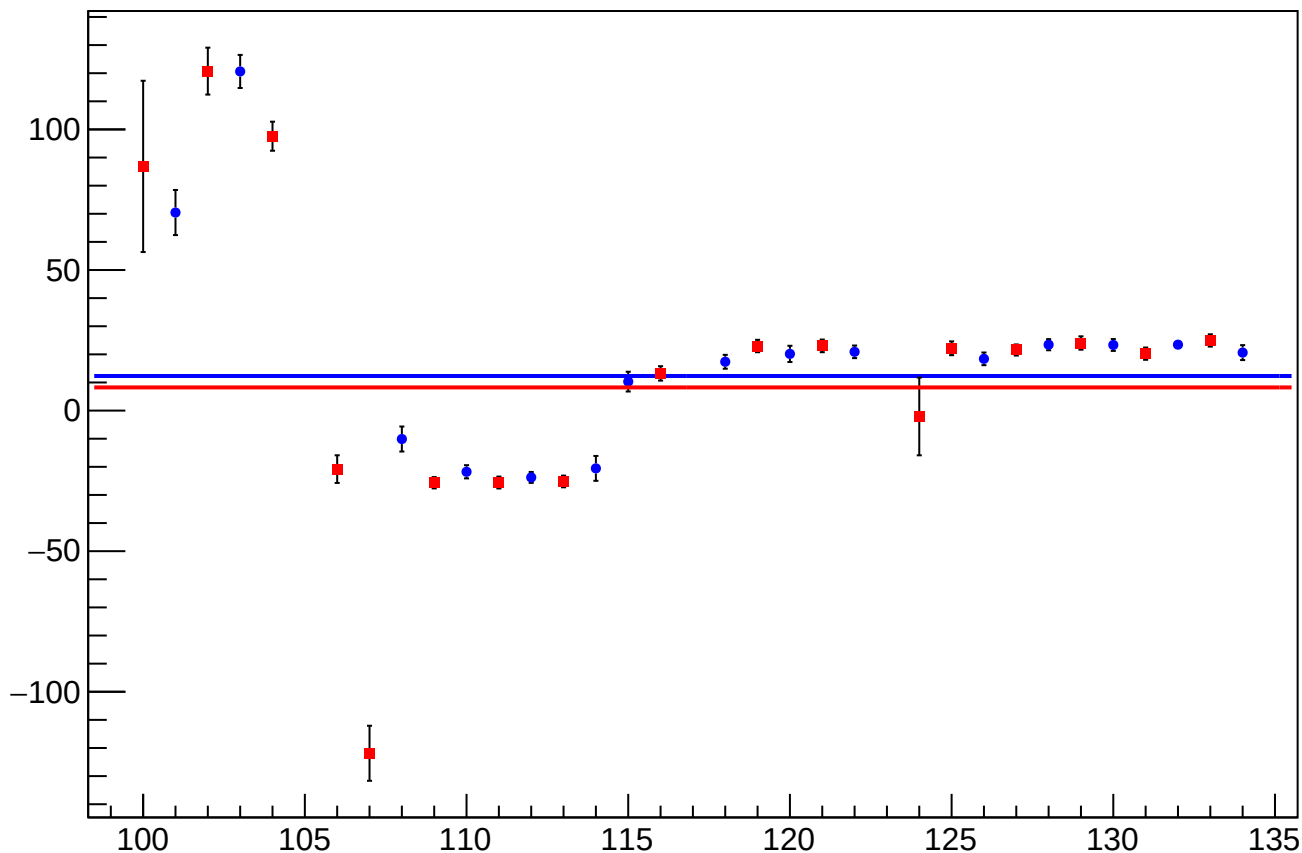
Right: -14.214+/-0.037 χ^2/NDF : 716611.4/31

In: -13.348+/-0.050 χ^2/NDF : 395713.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.214+/-0.037 χ^2/NDF : 716611.4/31

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.304+/-0.662 χ^2/NDF : 1167.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.241+/-0.647 χ^2/NDF : 1800.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

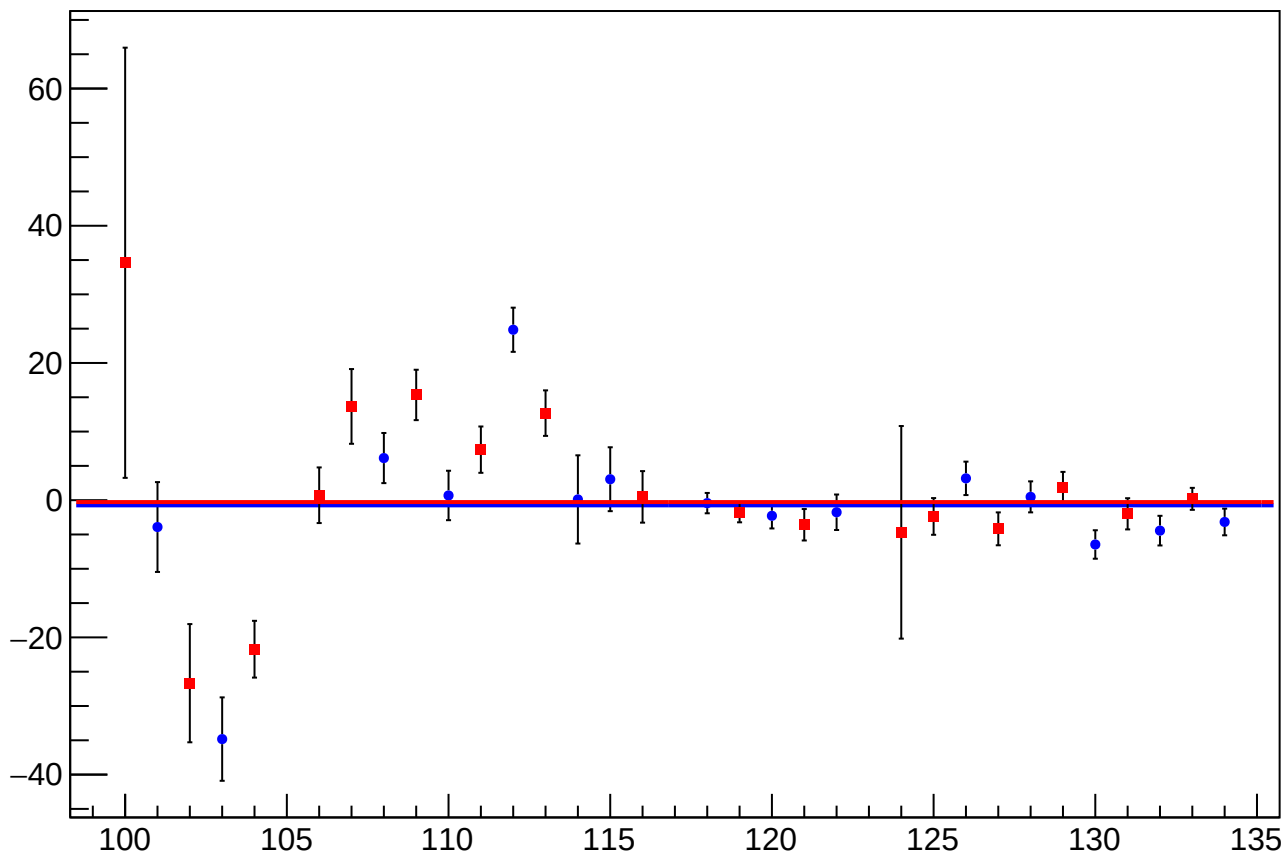
Right: 10.228+/-0.463 χ^2/NDF : 2987.5/31

In: 12.304+/-0.662 χ^2/NDF : 1167.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.228+/-0.463 χ^2/NDF : 2987.5/31

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.755 ± 0.653 $\chi^2/\text{NDF}: 115.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.276 ± 0.667 $\chi^2/\text{NDF}: 90.7/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

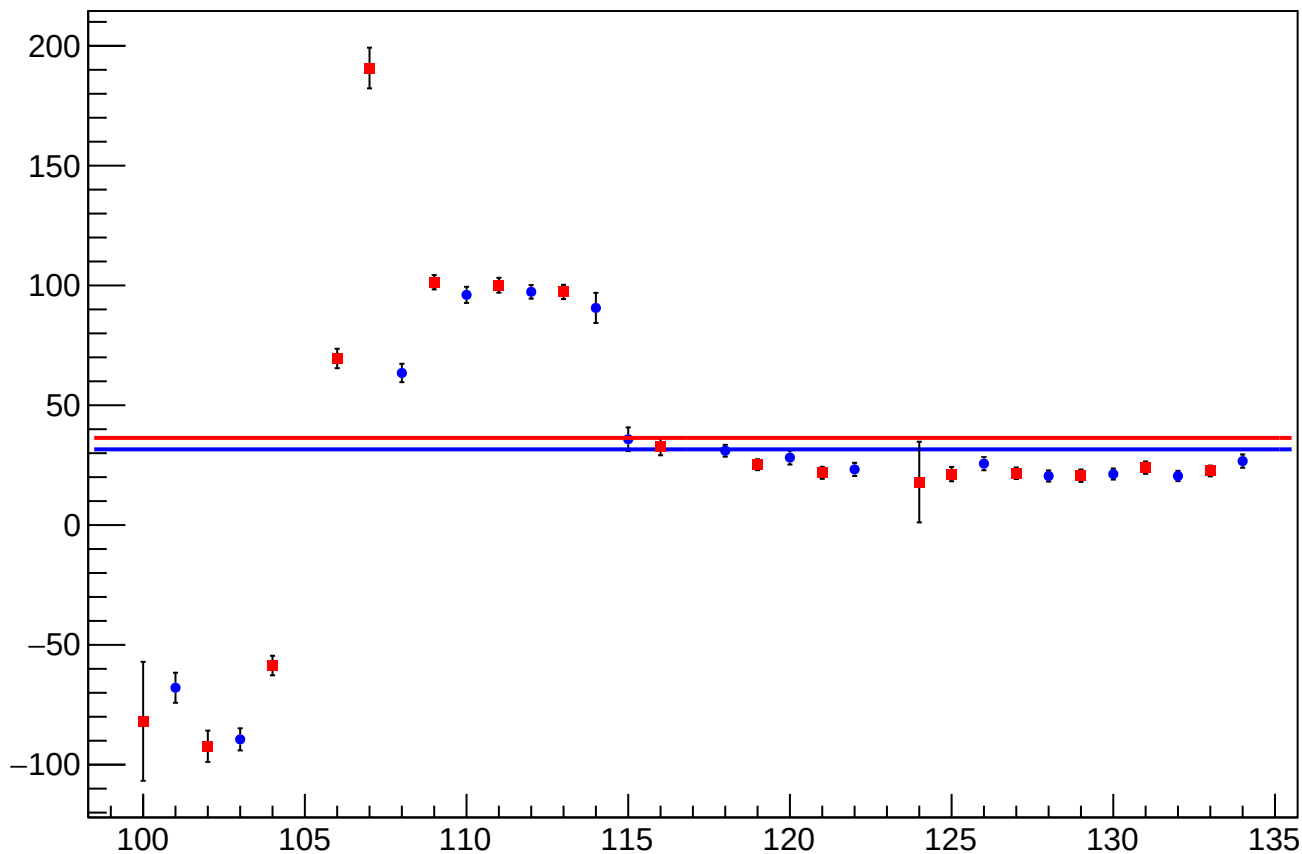
Right: -0.521 ± 0.467 $\chi^2/\text{NDF}: 206.0/31$

In: -0.755 ± 0.653 $\chi^2/\text{NDF}: 115.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.521 ± 0.467 $\chi^2/\text{NDF}: 206.0/31$

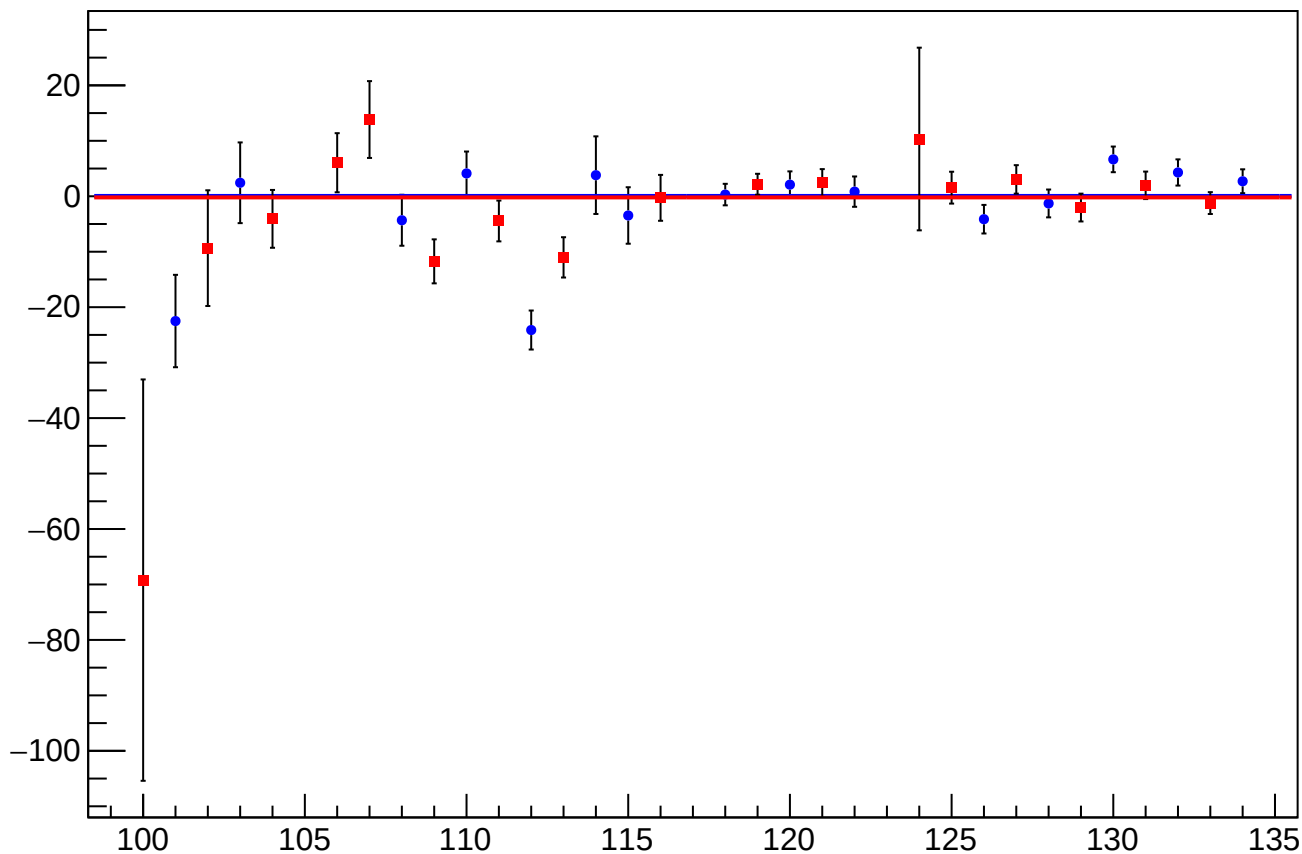
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.600+/-0.771 χ^2/NDF : 2085.1/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 36.383+/-0.767 χ^2/NDF : 2883.5/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 34.004+/-0.544 χ^2/NDF : 4987.9/31
 In: 31.600+/-0.771 χ^2/NDF : 2085.1/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 34.004+/-0.544 χ^2/NDF : 4987.9/31

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.756 χ^2 /NDF: 74.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.205 $\pm$ 0.773 χ^2 /NDF: 35.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

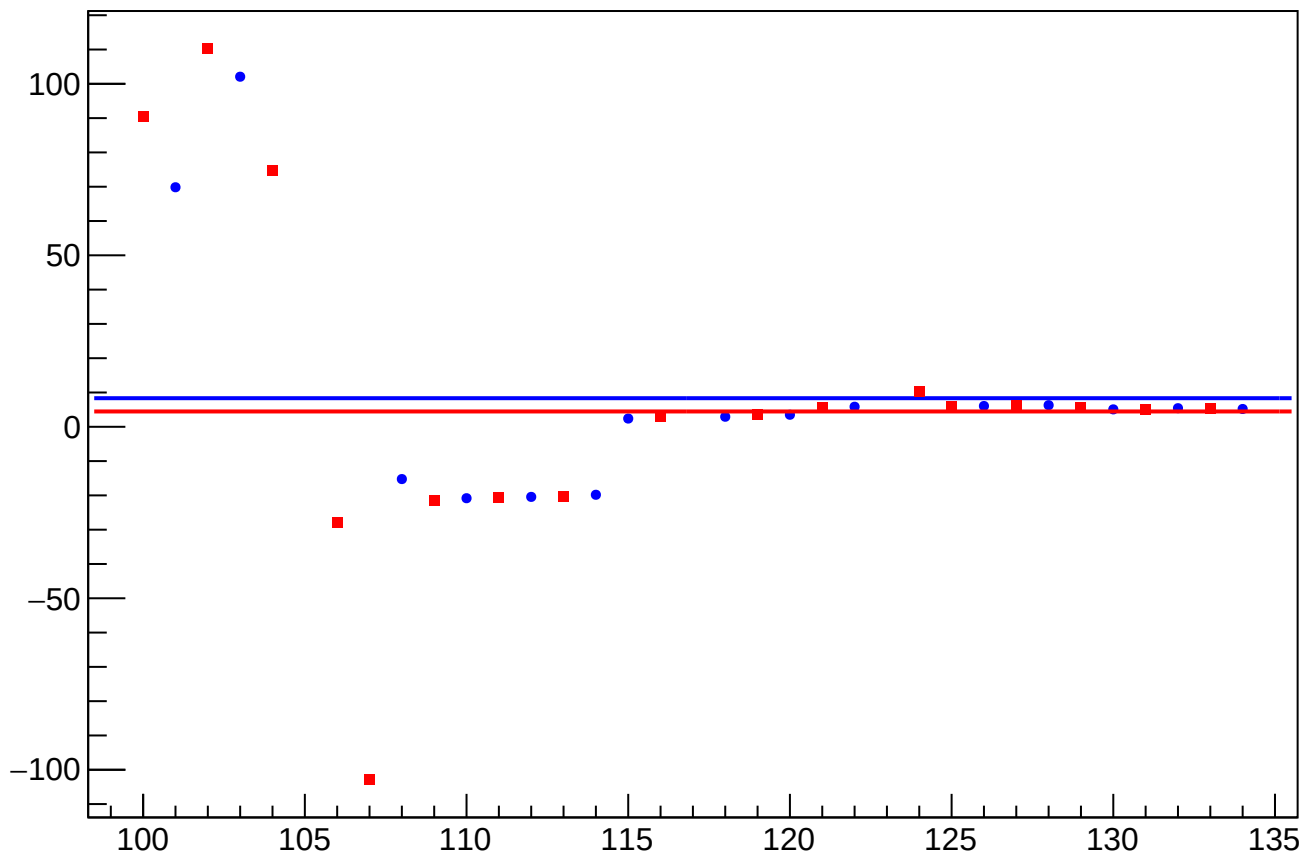
Right: -0.071 $\pm$ 0.540 χ^2 /NDF: 109.8/31

In: 0.058 $\pm$ 0.756 χ^2 /NDF:74.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.071 $\pm$ 0.540 χ^2 /NDF: 109.8/31

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 8.338+/-0.051 χ^2/NDF : 318038.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.470+/-0.055 χ^2/NDF : 434460.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

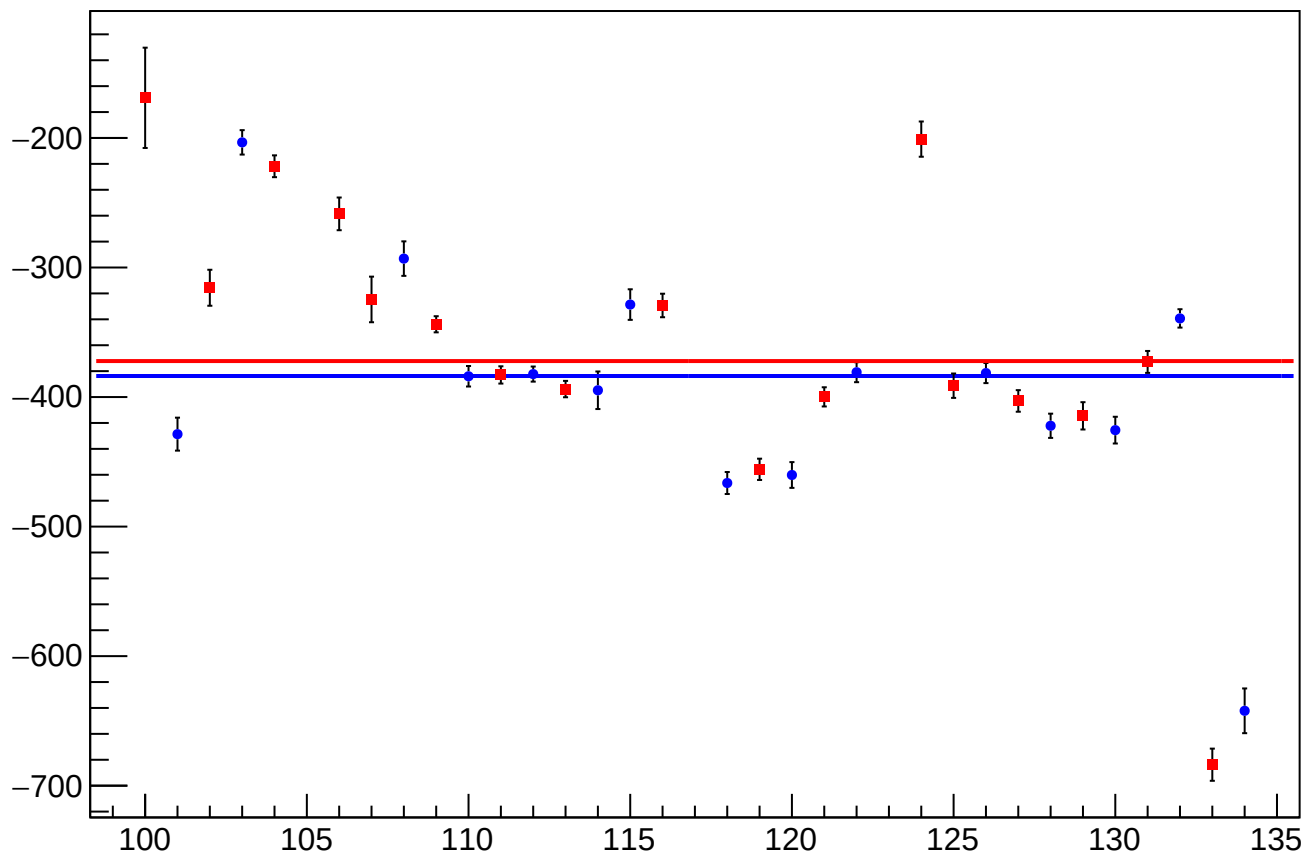
Right: 6.556+/-0.037 χ^2/NDF : 755141.9/31

In: 8.338+/-0.051 χ^2/NDF : 318038.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.556+/-0.037 χ^2/NDF : 755141.9/31

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -383.755+/-2.345 χ^2/NDF : 897.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -372.219+/-2.190 χ^2/NDF : 1448.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

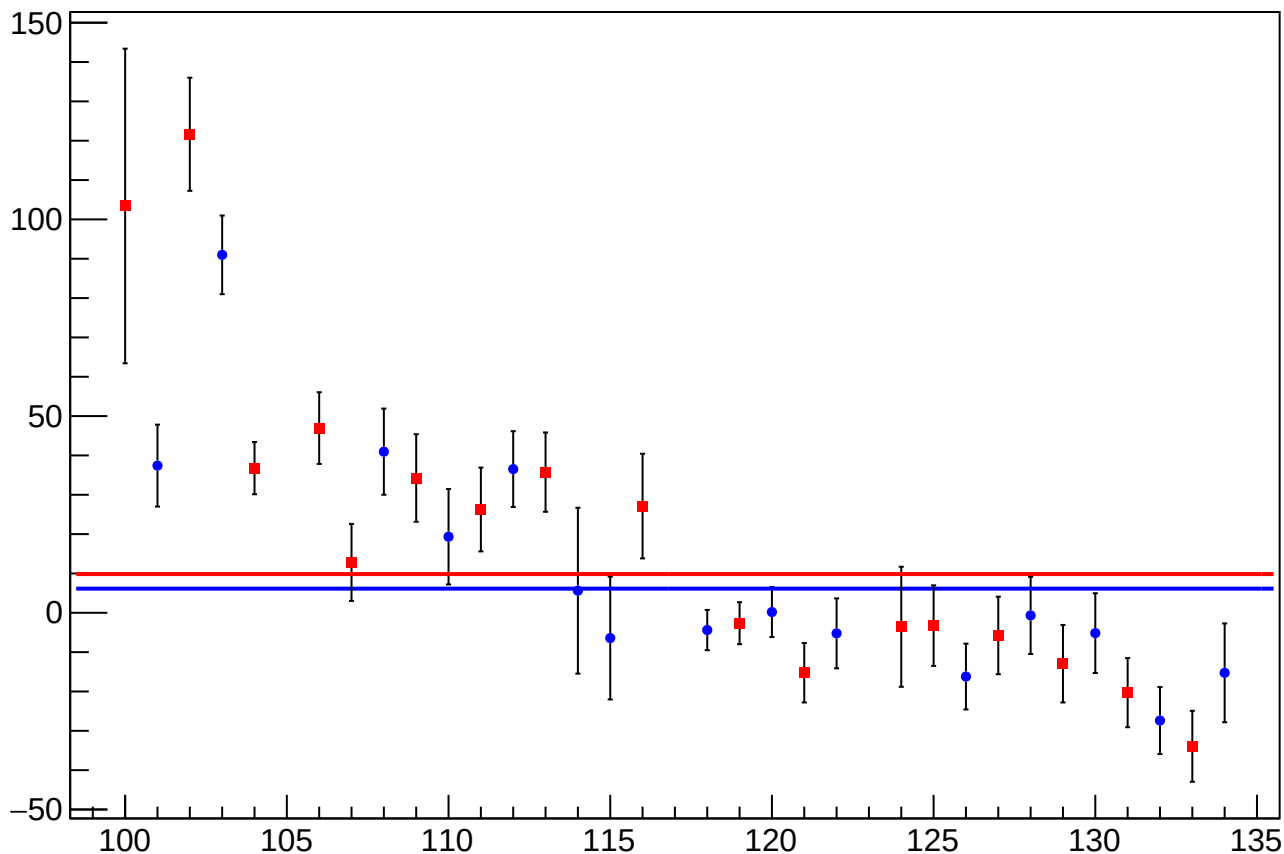
Right: -377.594+/-1.601 χ^2/NDF : 2358.5/31

In: -383.755+/-2.345 χ^2/NDF : 897.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.594+/-1.601 χ^2/NDF : 2358.5/31

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.141+/-2.346 χ^2/NDF : 137.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 9.843+/-2.262 χ^2/NDF : 176.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

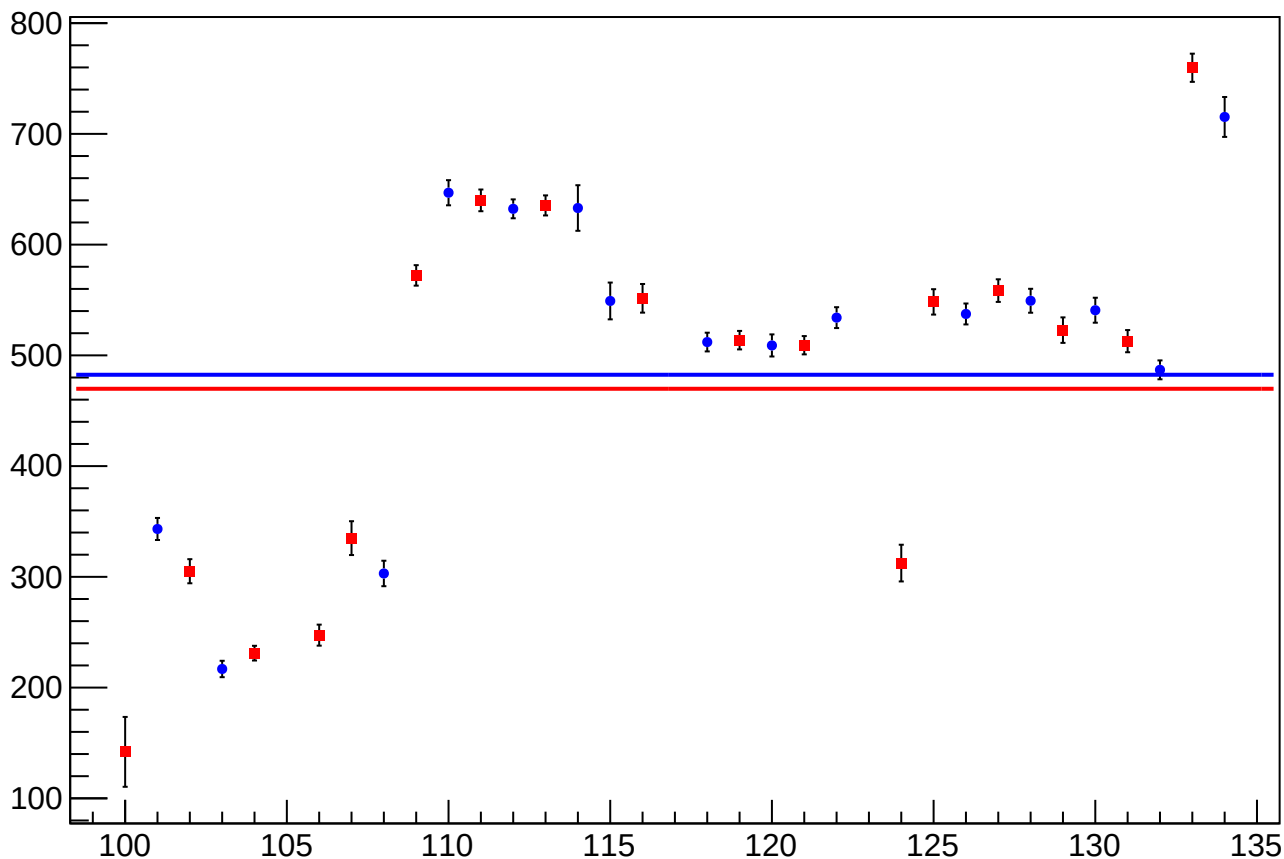
Right: 8.059+/-1.629 χ^2/NDF : 314.9/31

In: 6.141+/-2.346 χ^2/NDF :137.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.059+/-1.629 χ^2/NDF : 314.9/31

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 482.484+/-2.643 χ^2/NDF : 2631.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 469.831+/-2.490 χ^2/NDF : 3874.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

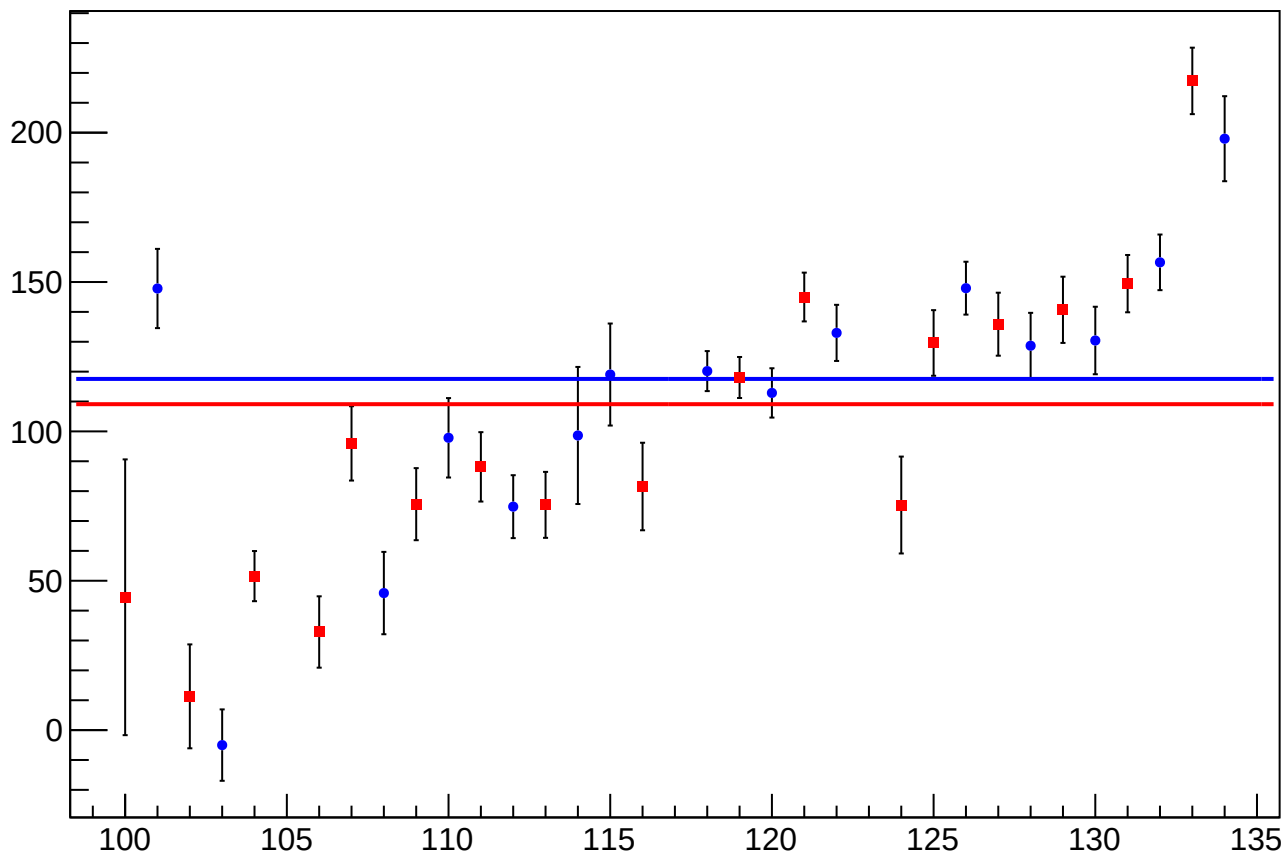
Right: 475.780+/-1.812 χ^2/NDF : 6518.0/31

In: 482.484+/-2.643 χ^2/NDF :2631.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 475.780+/-1.812 χ^2/NDF : 6518.0/31

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.562 $\pm$ 2.757 χ^2 /NDF: 223.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.106 $\pm$ 2.645 χ^2 /NDF: 302.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

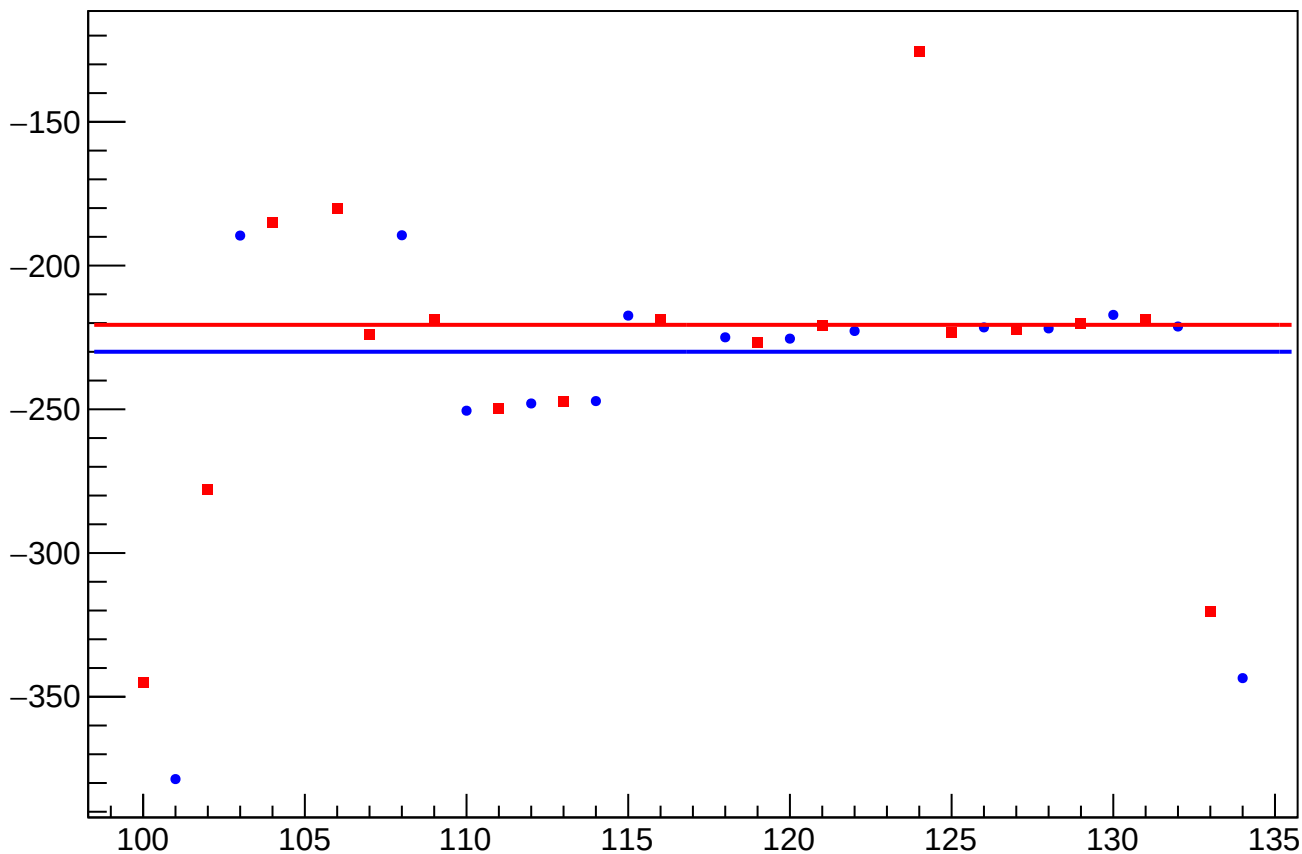
Right: 113.158 $\pm$ 1.909 χ^2 /NDF: 530.4/31

In: 117.562 $\pm$ 2.757 χ^2 /NDF:223.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.158 $\pm$ 1.909 χ^2 /NDF: 530.4/31

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -229.978+/-0.167 χ^2/NDF : 112695.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.618+/-0.159 χ^2/NDF : 59451.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

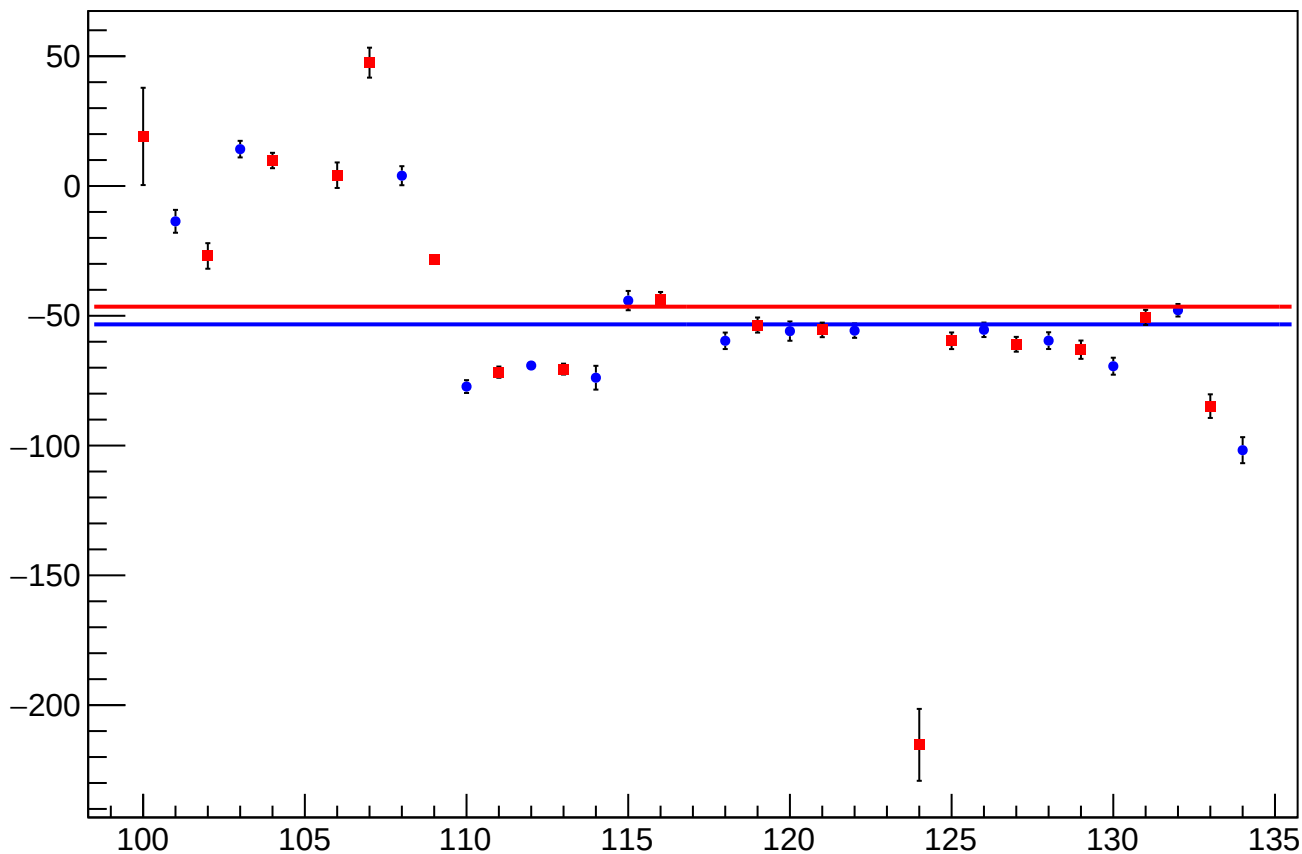
Right: -225.081+/-0.115 χ^2/NDF : 173798.5/31

In: -229.978+/-0.167 χ^2/NDF : 112695.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.081+/-0.115 χ^2/NDF : 173798.5/31

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -53.311 $\pm$ 0.790 χ^2 /NDF: 1091.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.492 $\pm$ 0.717 χ^2 /NDF: 1471.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

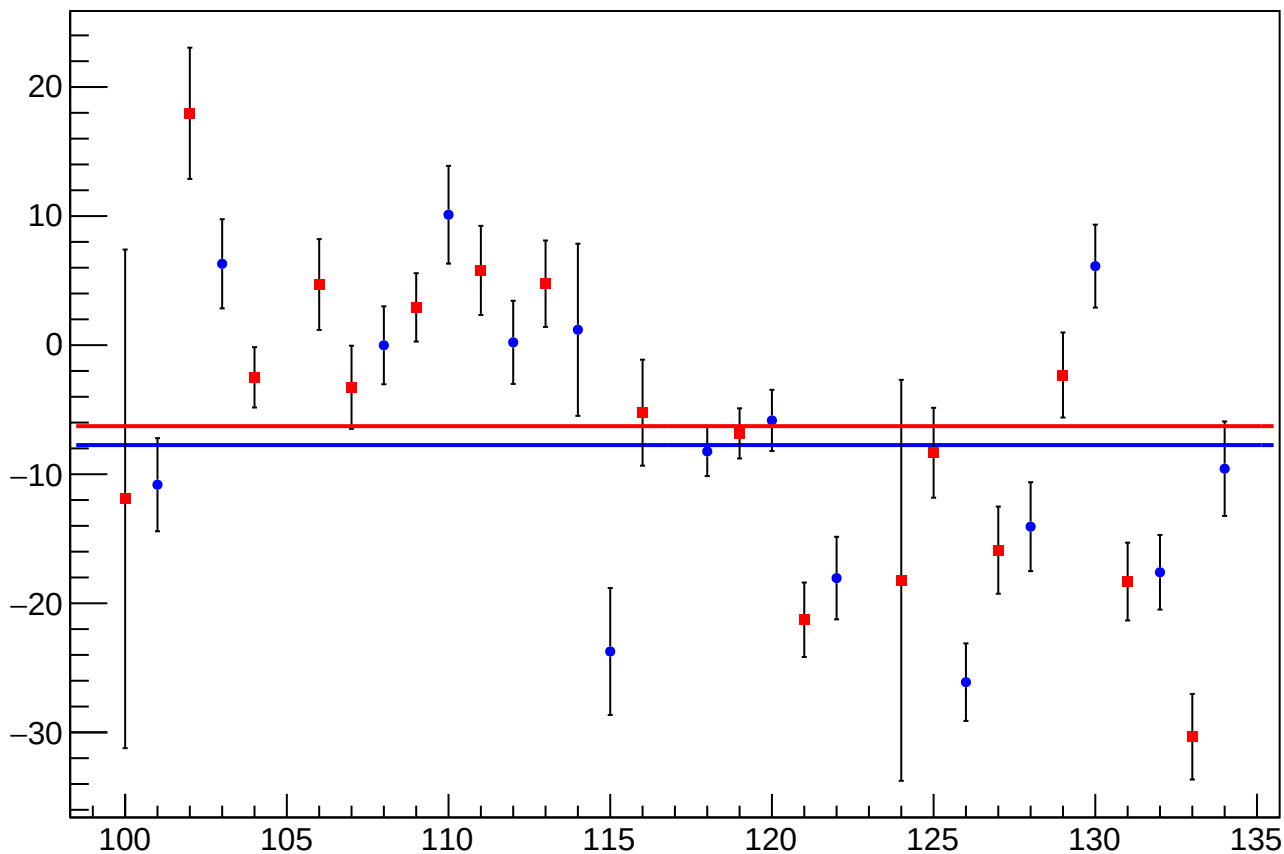
Right: -49.573 $\pm$ 0.531 χ^2 /NDF: 2603.5/31

In: -53.311 $\pm$ 0.790 χ^2 /NDF:1091.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.573 $\pm$ 0.531 χ^2 /NDF: 2603.5/31

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.742 ± 0.807 χ^2/NDF : 146.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.275 ± 0.783 χ^2/NDF : 177.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

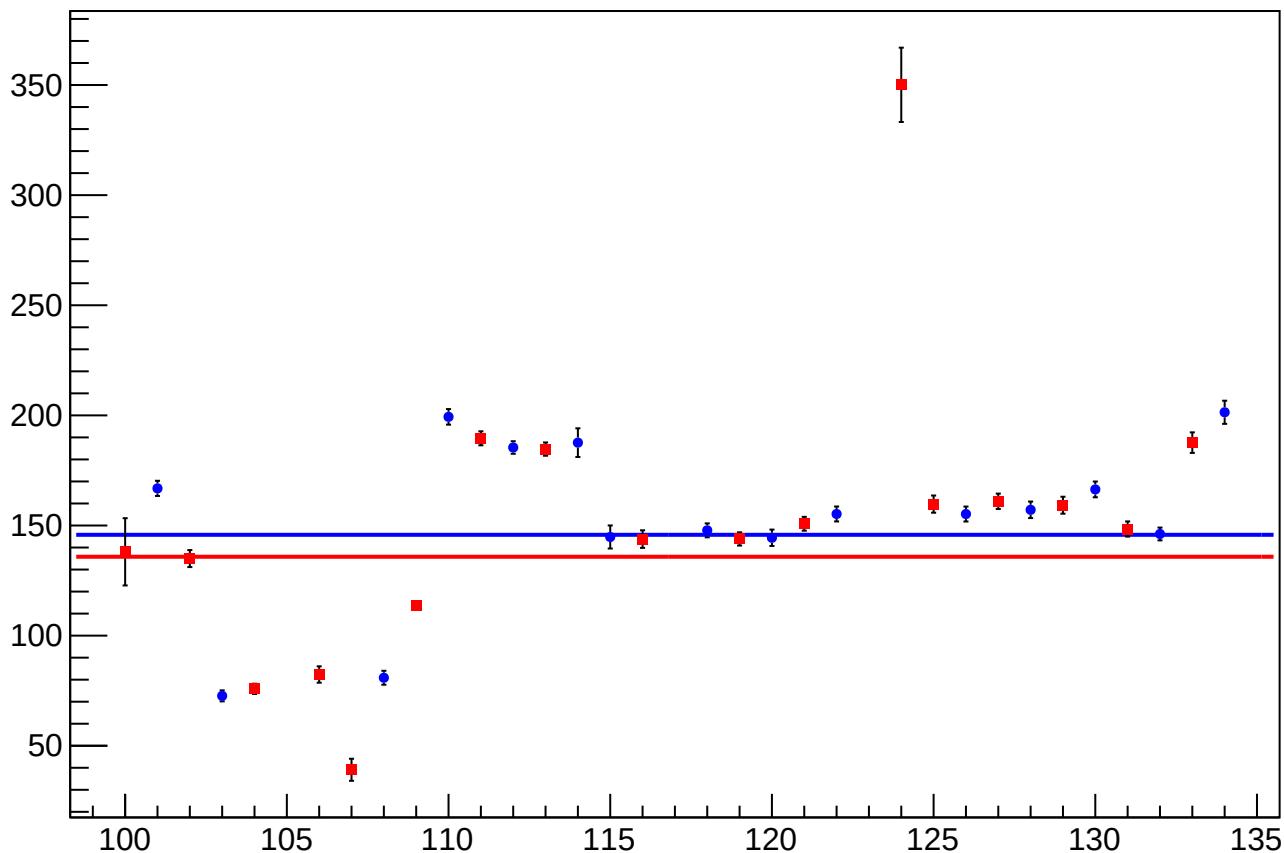
Right: -6.987 ± 0.562 χ^2/NDF : 326.0/31

In: -7.742 ± 0.807 χ^2/NDF : 146.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.987 ± 0.562 χ^2/NDF : 326.0/31

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 145.777 $\pm$ 0.892 χ^2 /NDF: 1942.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.815 $\pm$ 0.847 χ^2 /NDF: 2343.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

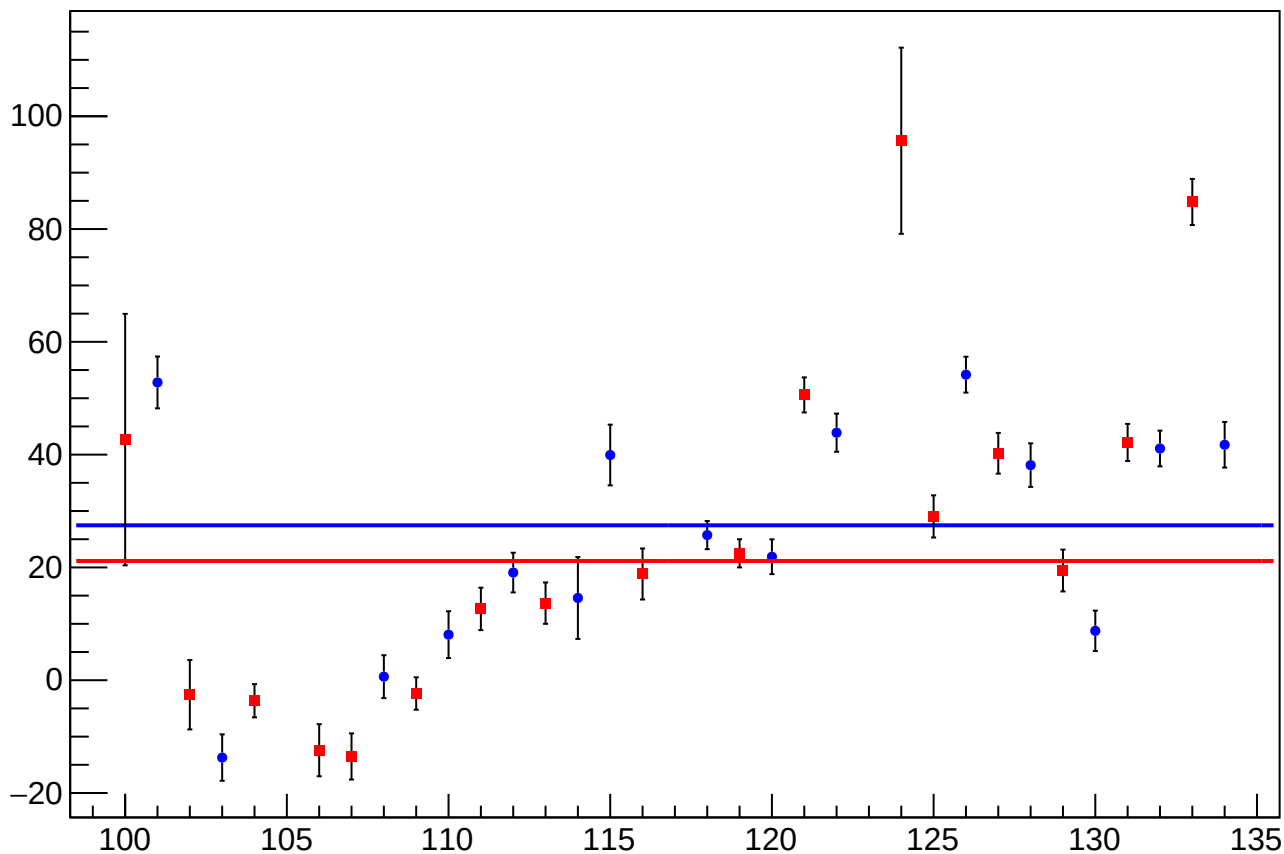
Right: 140.536 $\pm$ 0.614 χ^2 /NDF: 4351.6/31

In: 145.777 $\pm$ 0.892 χ^2 /NDF:1942.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.536 $\pm$ 0.614 χ^2 /NDF: 4351.6/31

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.467+/-0.942 χ^2/NDF : 380.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.141+/-0.910 χ^2/NDF : 713.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

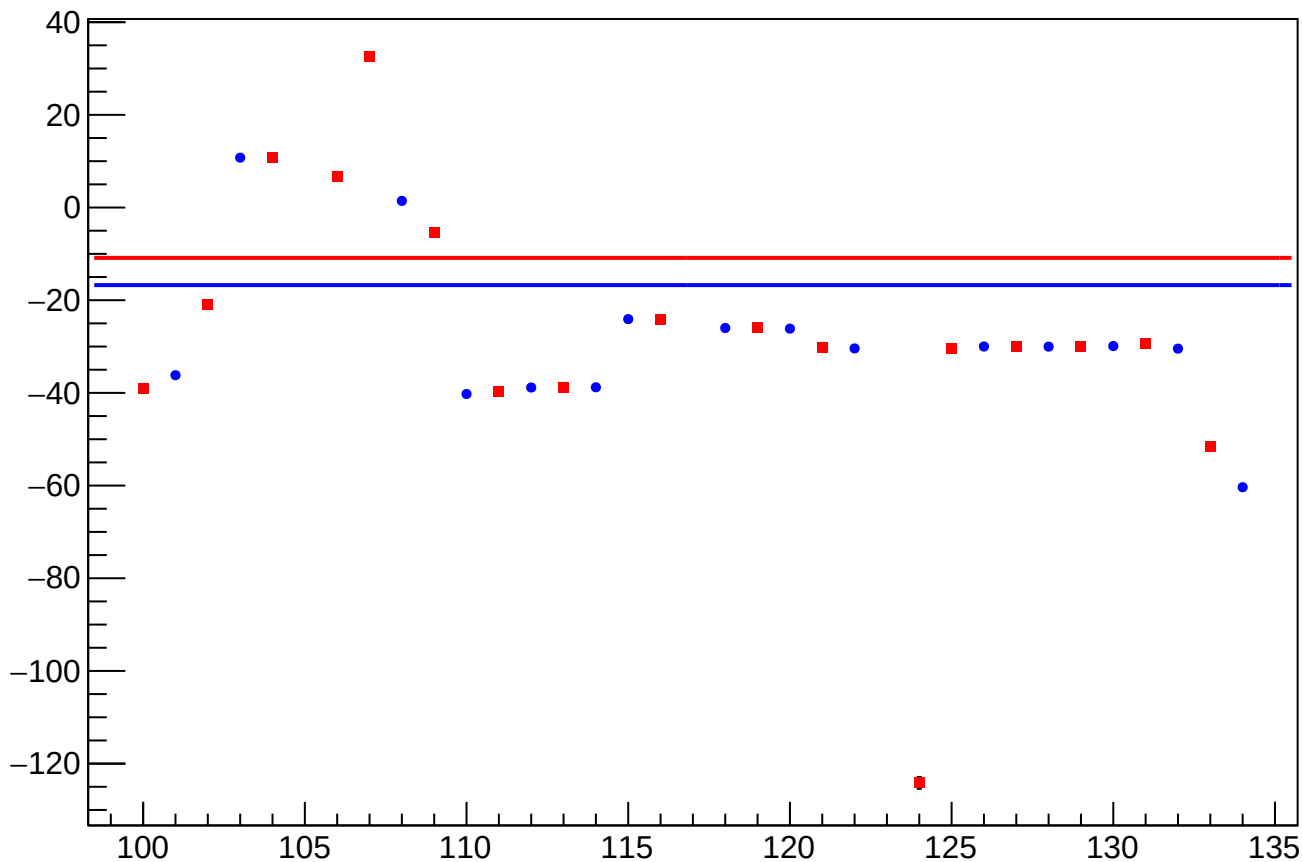
Right: 24.195+/-0.655 χ^2/NDF : 1117.4/31

In: 27.467+/-0.942 χ^2/NDF : 380.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.195+/-0.655 χ^2/NDF : 1117.4/31

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.743 $\pm$ 0.054 χ^2 /NDF: 179236.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.863 $\pm$ 0.054 χ^2 /NDF: 175241.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

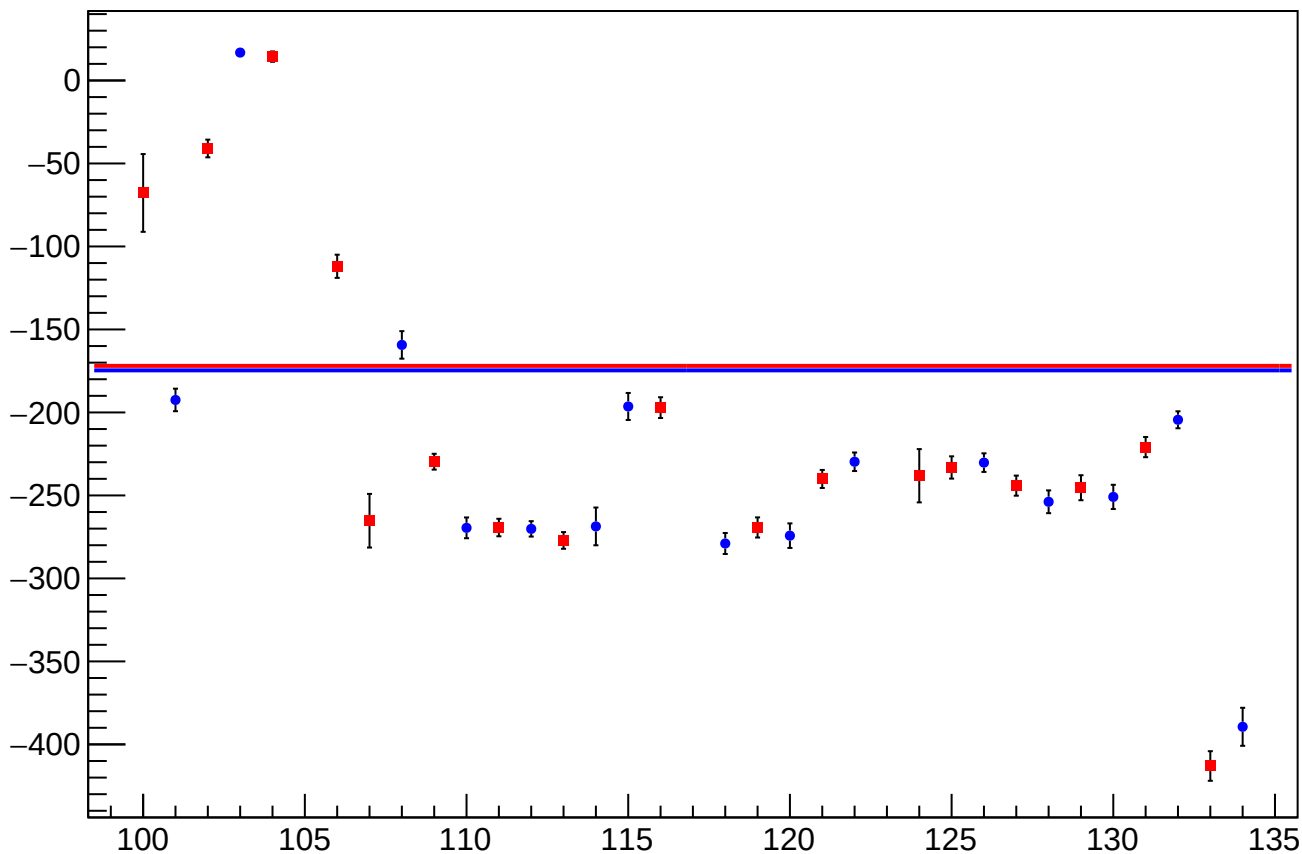
Right: -13.806 $\pm$ 0.038 χ^2 /NDF: 360322.5/31

In: -16.743 $\pm$ 0.054 χ^2 /NDF:179236.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.806 $\pm$ 0.038 χ^2 /NDF: 360322.5/31

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -174.651+/-1.511 χ^2/NDF : 6206.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.941+/-1.441 χ^2/NDF : 6821.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

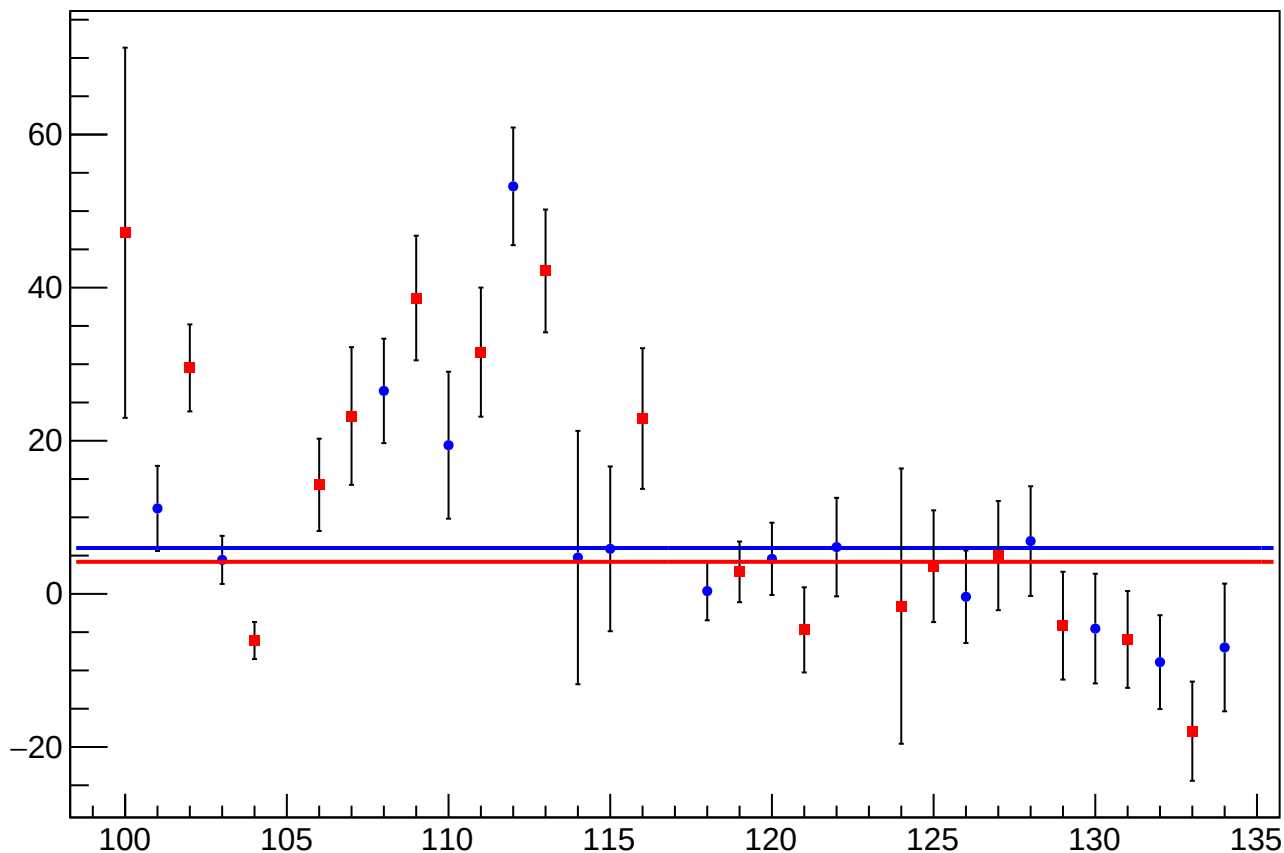
Right: -173.232+/-1.043 χ^2/NDF : 13029.4/31

In: -174.651+/-1.511 χ^2/NDF : 6206.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.232+/-1.043 χ^2/NDF : 13029.4/31

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.993+/-1.507 χ^2/NDF : 63.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.187+/-1.405 χ^2/NDF : 121.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

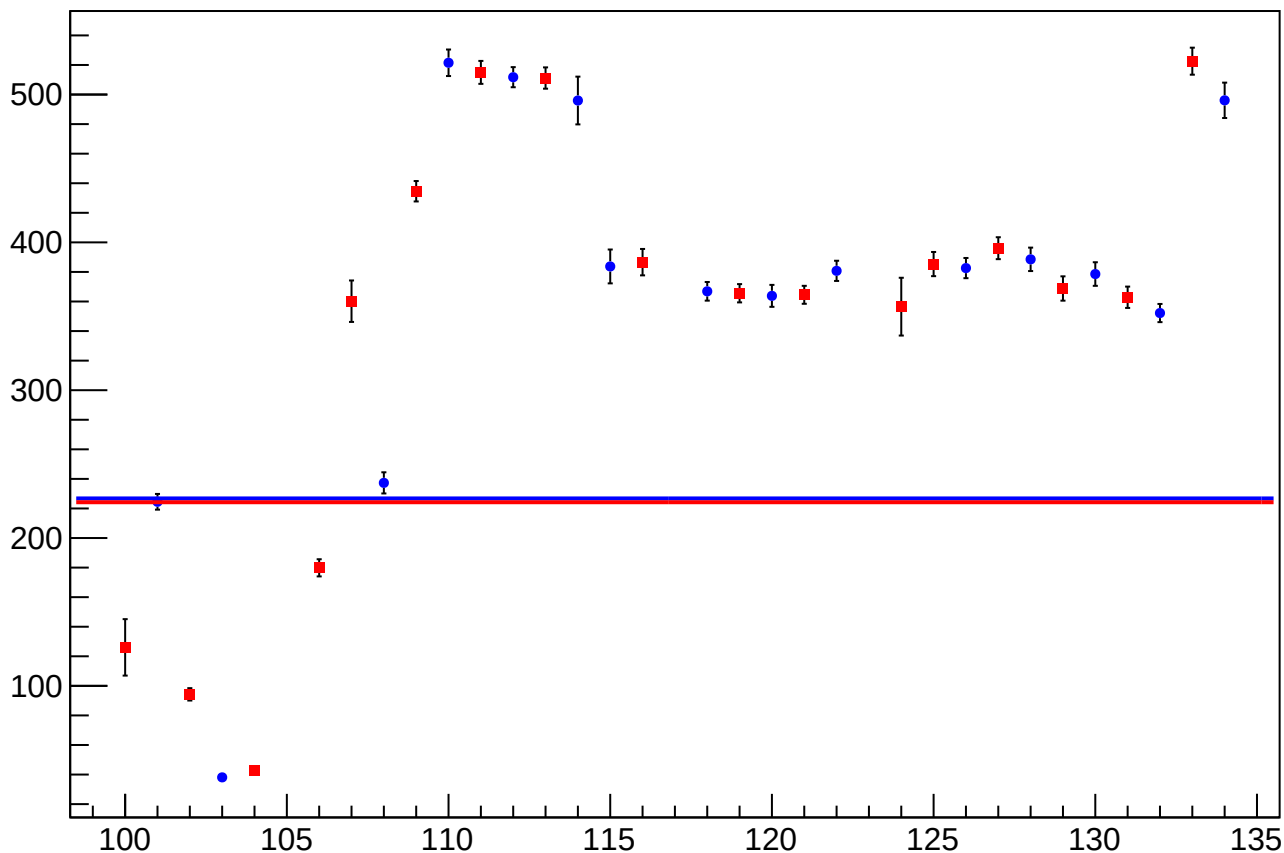
Right: 5.026+/-1.028 χ^2/NDF : 186.5/31

In: 5.993+/-1.507 χ^2/NDF : 63.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.026+/-1.028 χ^2/NDF : 186.5/31

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 226.780+/-1.513 χ^2/NDF : 13465.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.217+/-1.465 χ^2/NDF : 14645.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

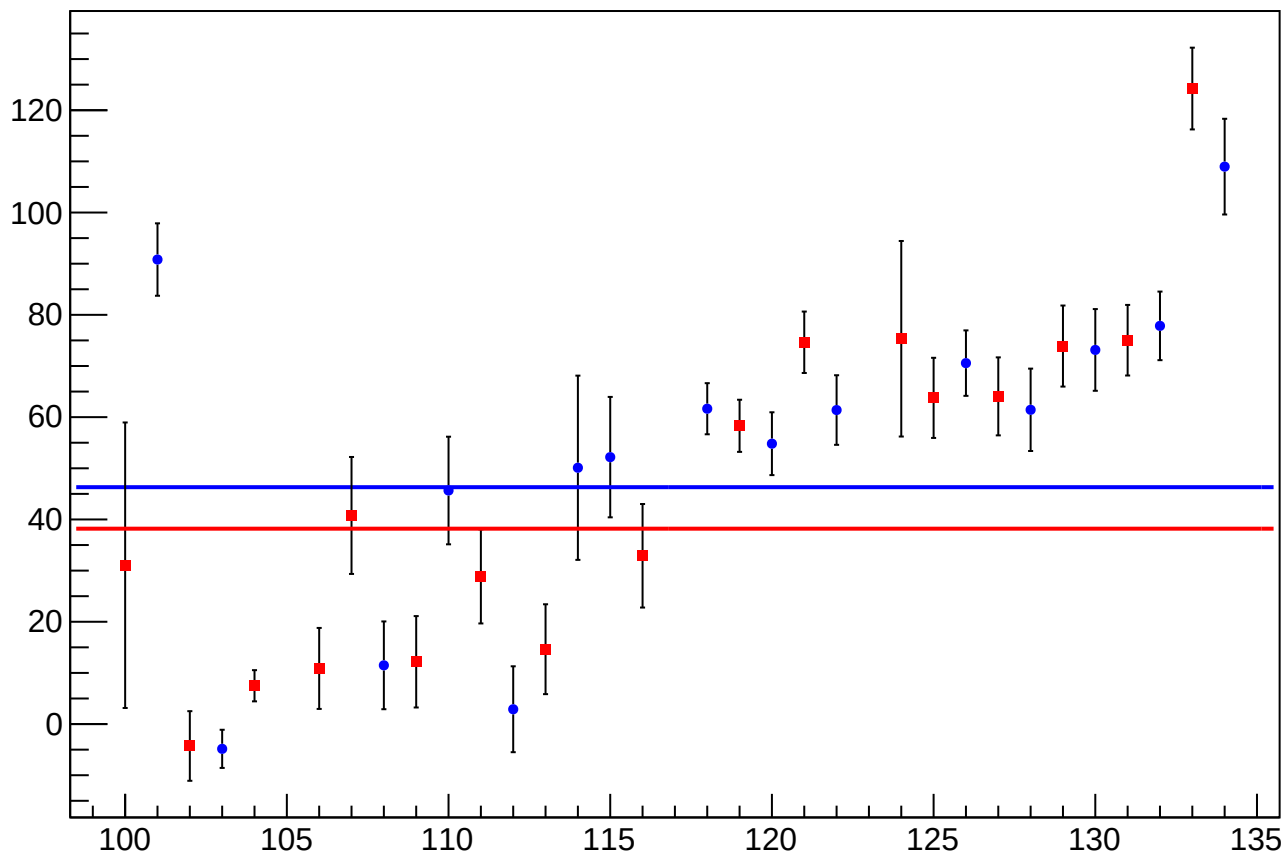
Right: 225.457+/-1.052 χ^2/NDF : 28112.6/31

In: 226.780+/-1.513 χ^2/NDF : 13465.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.457+/-1.052 χ^2/NDF : 28112.6/31

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.310+/-1.778 χ^2/NDF : 383.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.197+/-1.676 χ^2/NDF : 412.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

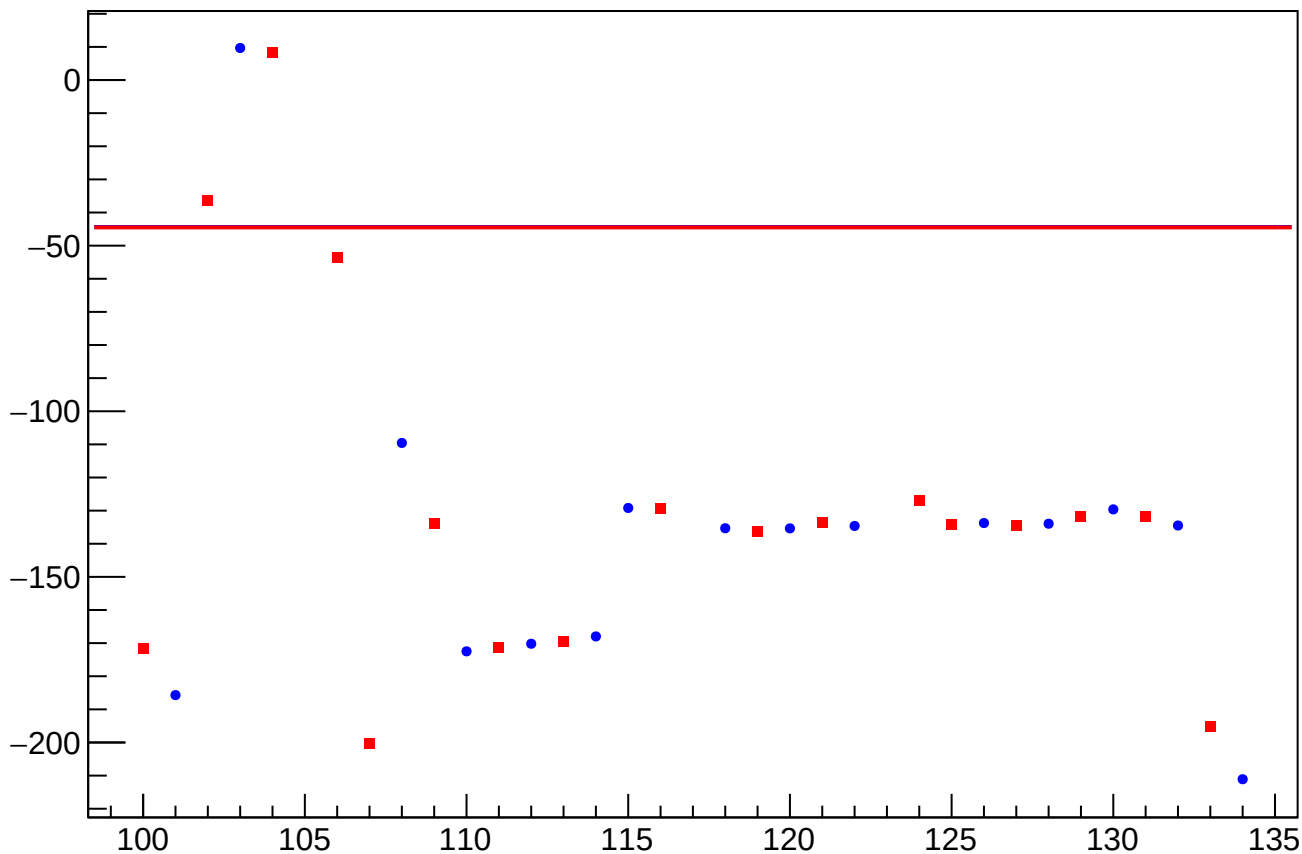
Right: 42.013+/-1.219 χ^2/NDF : 807.0/31

In: 46.310+/-1.778 χ^2/NDF : 383.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.013+/-1.219 χ^2/NDF : 807.0/31

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -44.372 $\pm$ 0.078 χ^2 /NDF: 973835.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.489 $\pm$ 0.079 χ^2 /NDF: 654941.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

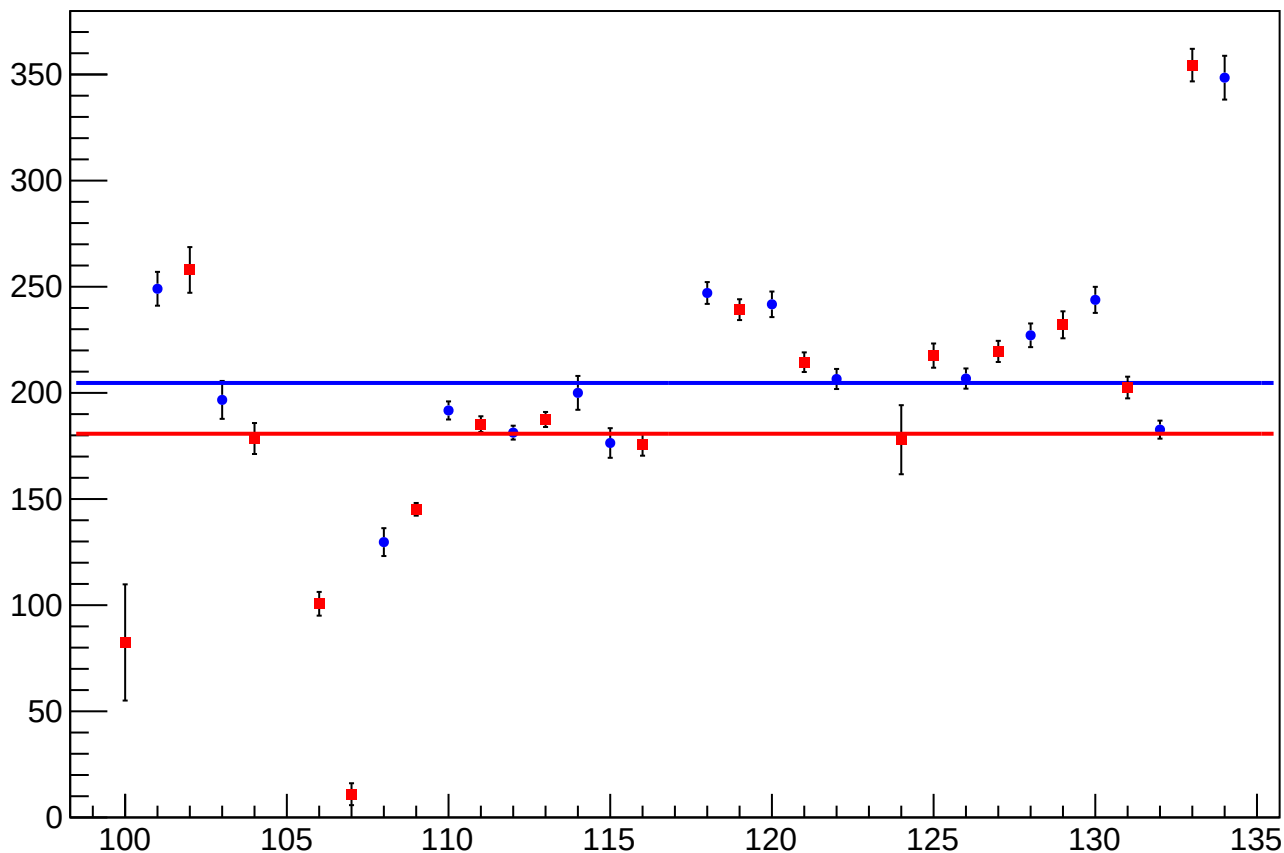
Right: -44.430 $\pm$ 0.056 χ^2 /NDF: 1628778.1/31

In: -44.372 $\pm$ 0.078 χ^2 /NDF:973835.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.430 $\pm$ 0.056 χ^2 /NDF: 1628778.1/31

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 204.683+/-1.395 χ^2/NDF : 623.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.759+/-1.248 χ^2/NDF : 2394.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

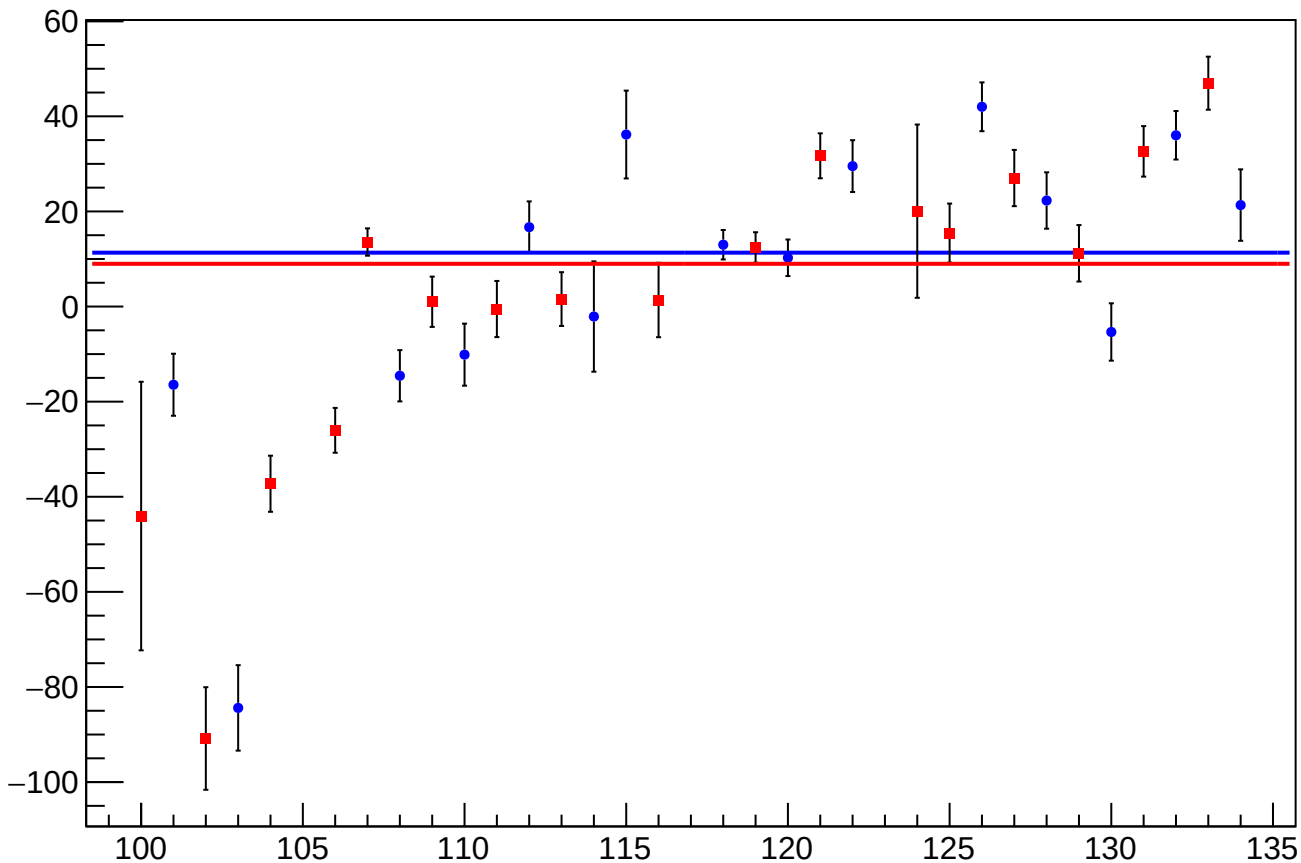
Right: 191.398+/-0.930 χ^2/NDF : 3181.5/31

In: 204.683+/-1.395 χ^2/NDF : 623.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.398+/-0.930 χ^2/NDF : 3181.5/31

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.330+/-1.410 χ^2/NDF : 258.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.989+/-1.278 χ^2/NDF : 317.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

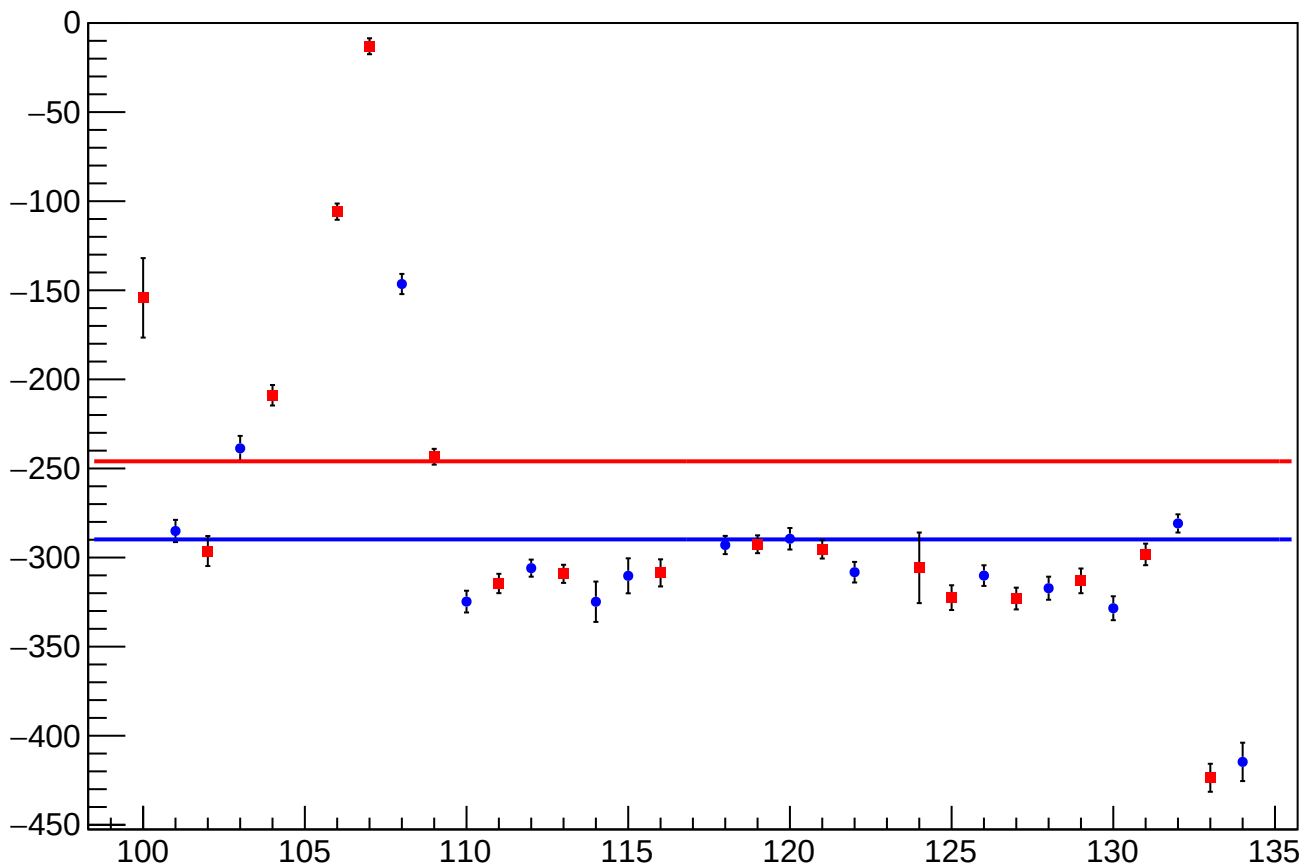
Right: 10.044+/-0.947 χ^2/NDF : 577.3/31

In: 11.330+/-1.410 χ^2/NDF : 258.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.044+/-0.947 χ^2/NDF : 577.3/31

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -289.817 ± 1.614 χ^2/NDF : 962.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -245.982 ± 1.448 χ^2/NDF : 5272.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

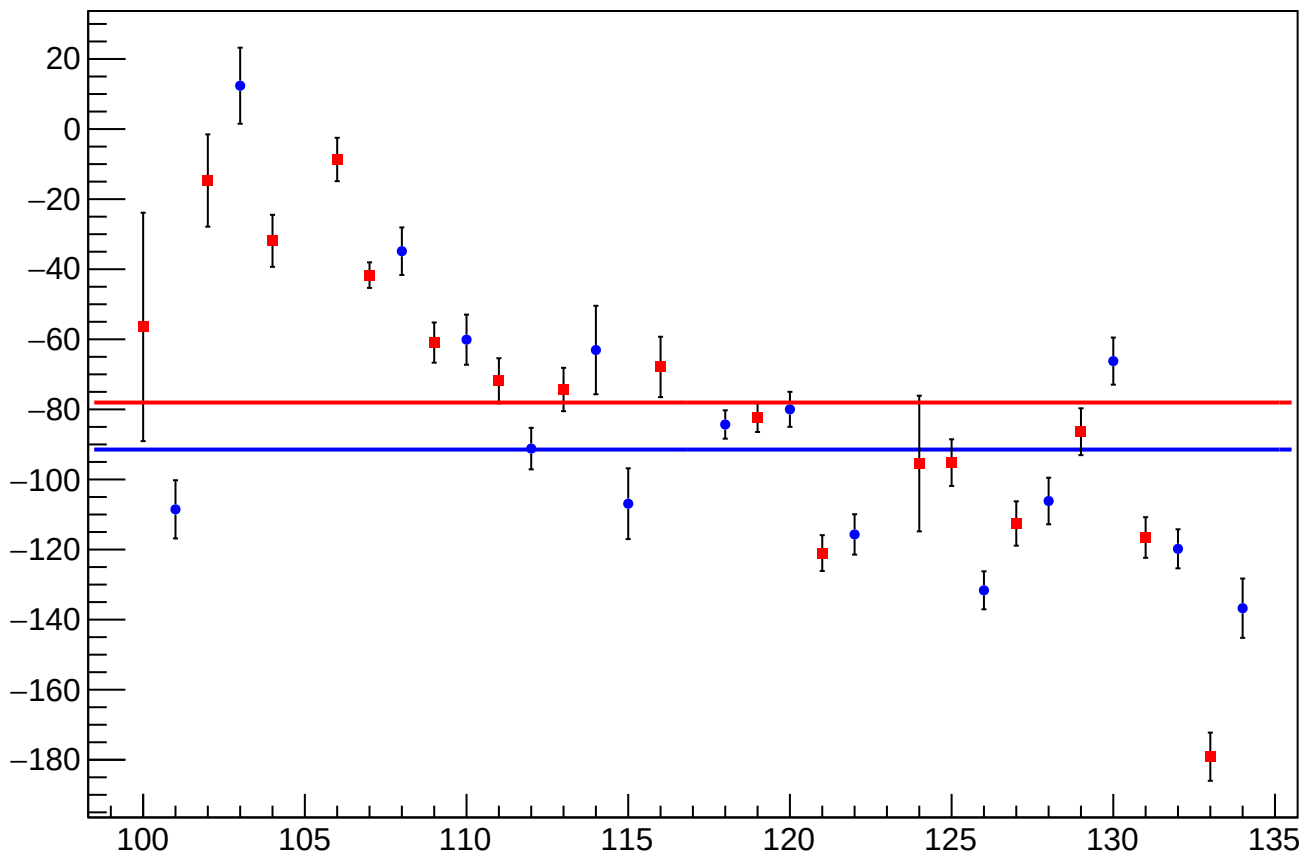
Right: -265.534 ± 1.078 χ^2/NDF : 6644.1/31

In: -289.817 ± 1.614 χ^2/NDF : 962.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -265.534 ± 1.078 χ^2/NDF : 6644.1/31

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -91.464 $\pm$ 1.656 χ^2 /NDF: 346.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -78.045 $\pm$ 1.506 χ^2 /NDF: 669.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

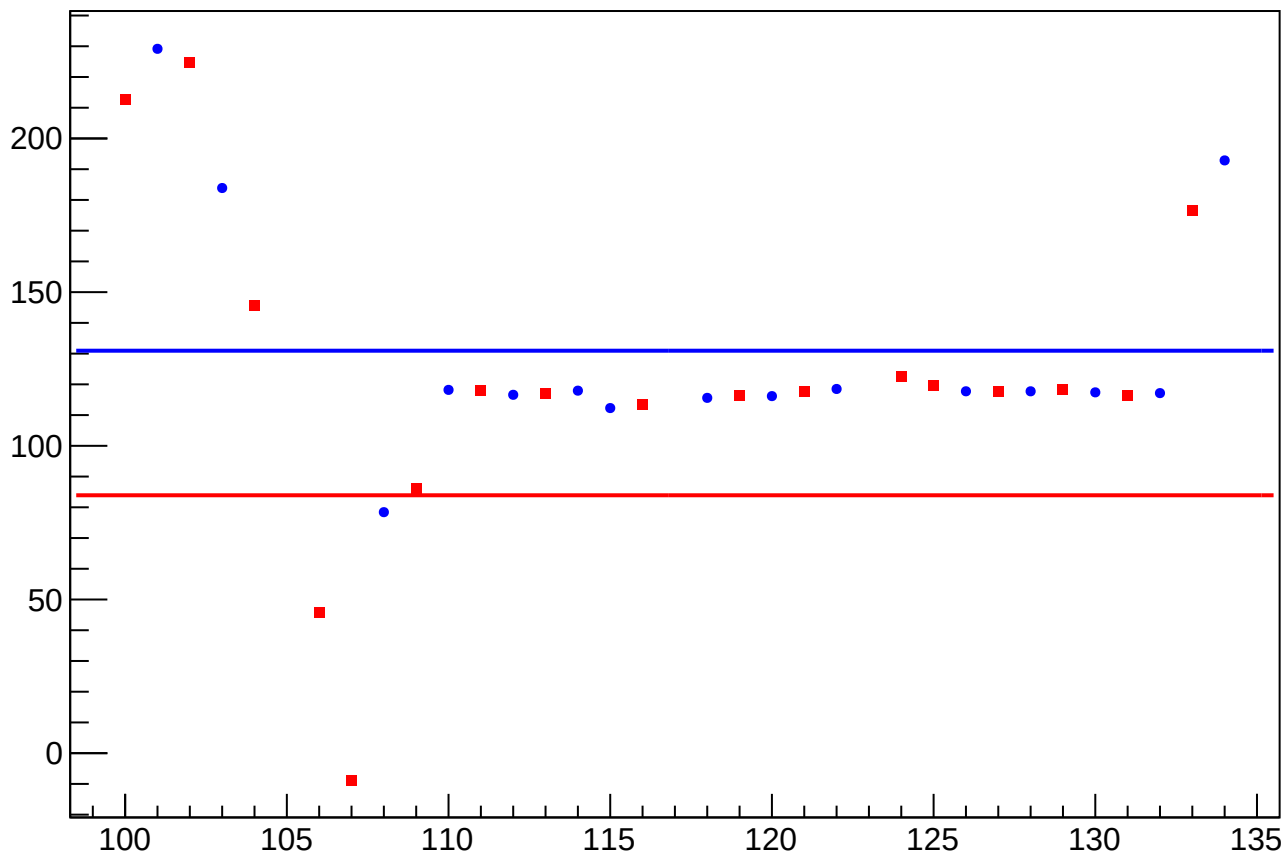
Right: -84.118 $\pm$ 1.114 χ^2 /NDF: 1051.6/31

In: -91.464 $\pm$ 1.656 χ^2 /NDF:346.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -84.118 $\pm$ 1.114 χ^2 /NDF: 1051.6/31

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 130.947+/-0.106 χ^2/NDF : 181980.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.912+/-0.089 χ^2/NDF : 569625.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

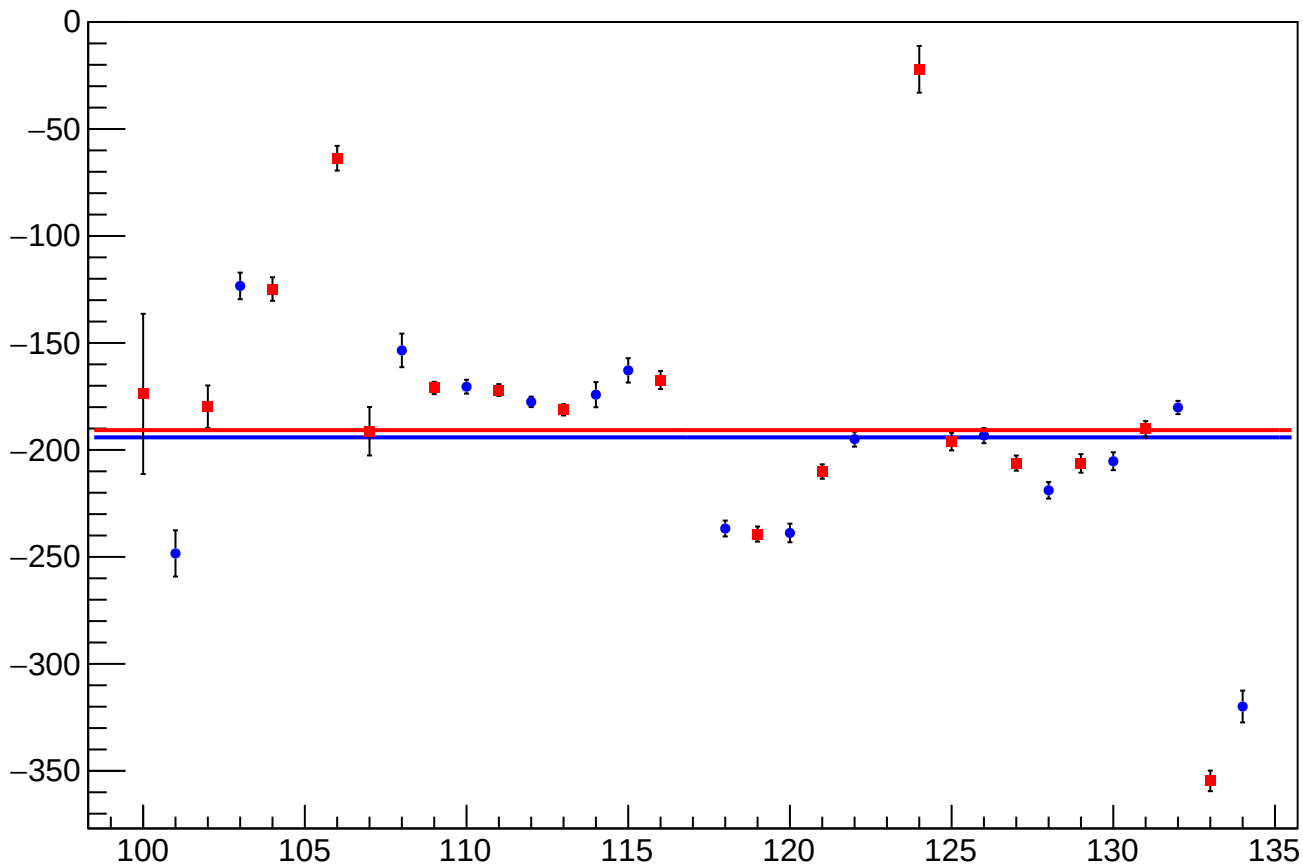
Right: 103.294+/-0.068 χ^2/NDF : 867988.1/31

In: 130.947+/-0.106 χ^2/NDF : 181980.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.294+/-0.068 χ^2/NDF : 867988.1/31

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -194.124+/-1.051 χ^2/NDF : 915.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.753+/-0.990 χ^2/NDF : 2419.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

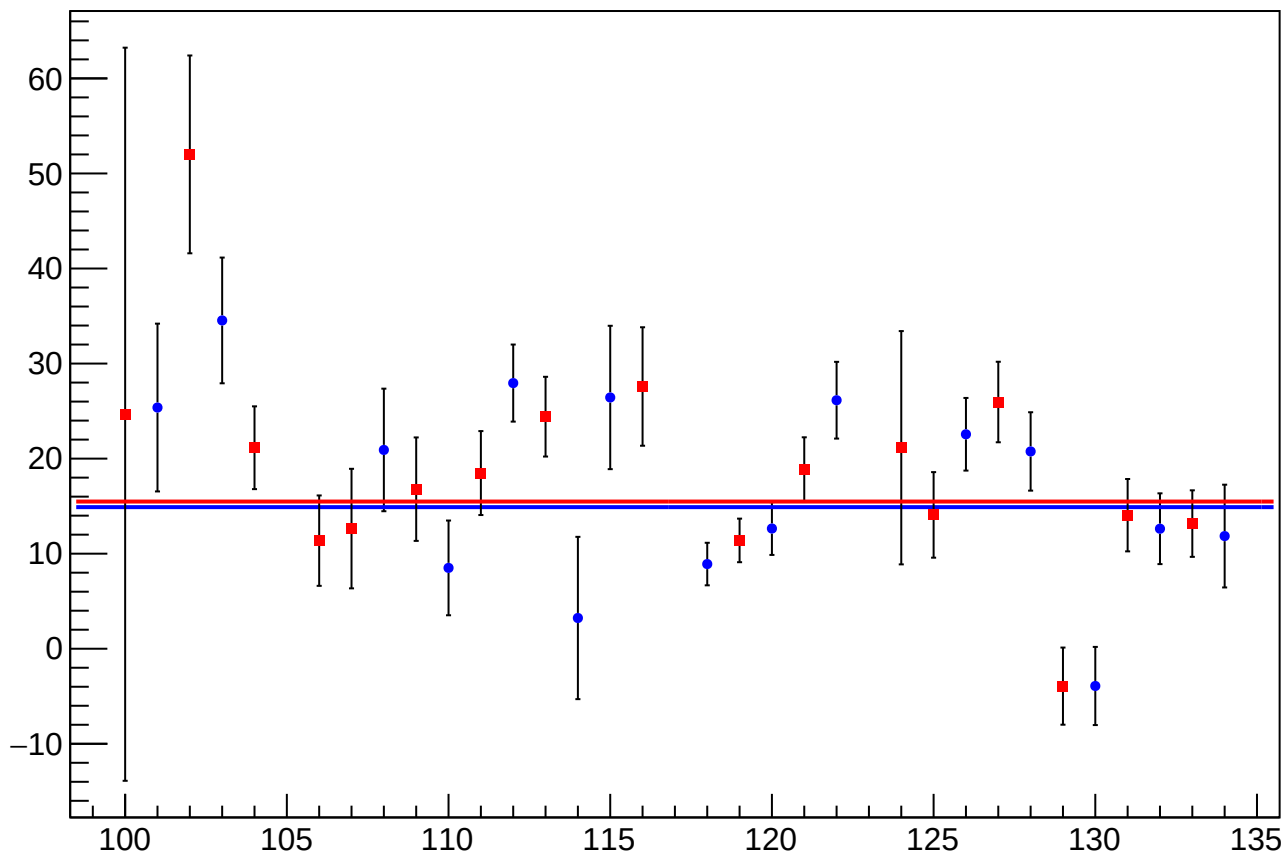
Right: -192.339+/-0.721 χ^2/NDF : 3340.1/31

In: -194.124+/-1.051 χ^2/NDF : 915.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.339+/-0.721 χ^2/NDF : 3340.1/31

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.895+/-1.069 χ^2/NDF : 70.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.484+/-1.054 χ^2/NDF : 57.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

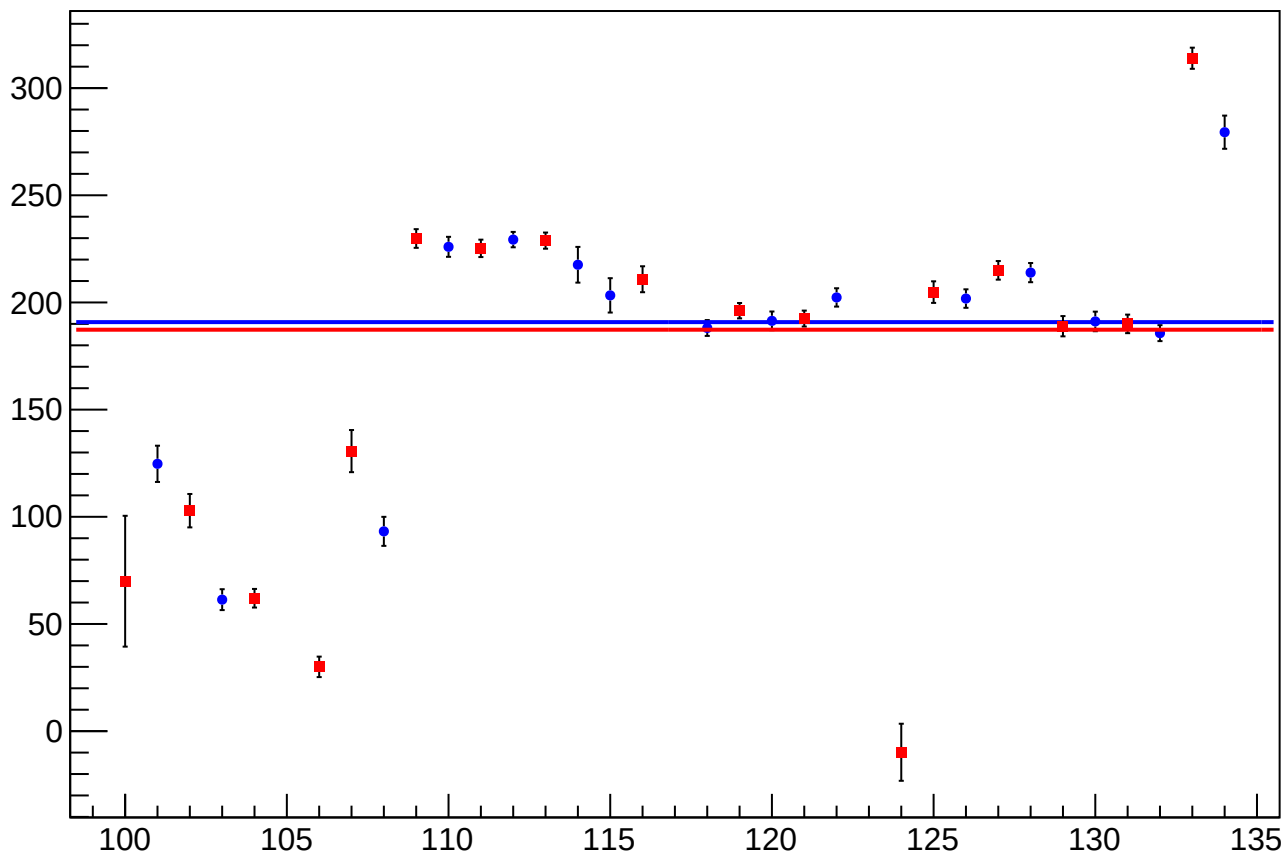
Right: 15.193+/-0.751 χ^2/NDF : 128.6/31

In: 14.895+/-1.069 χ^2/NDF : 70.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.193+/-0.751 χ^2/NDF : 128.6/31

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 190.828+/-1.238 χ^2/NDF : 1333.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.285+/-1.176 χ^2/NDF : 3342.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

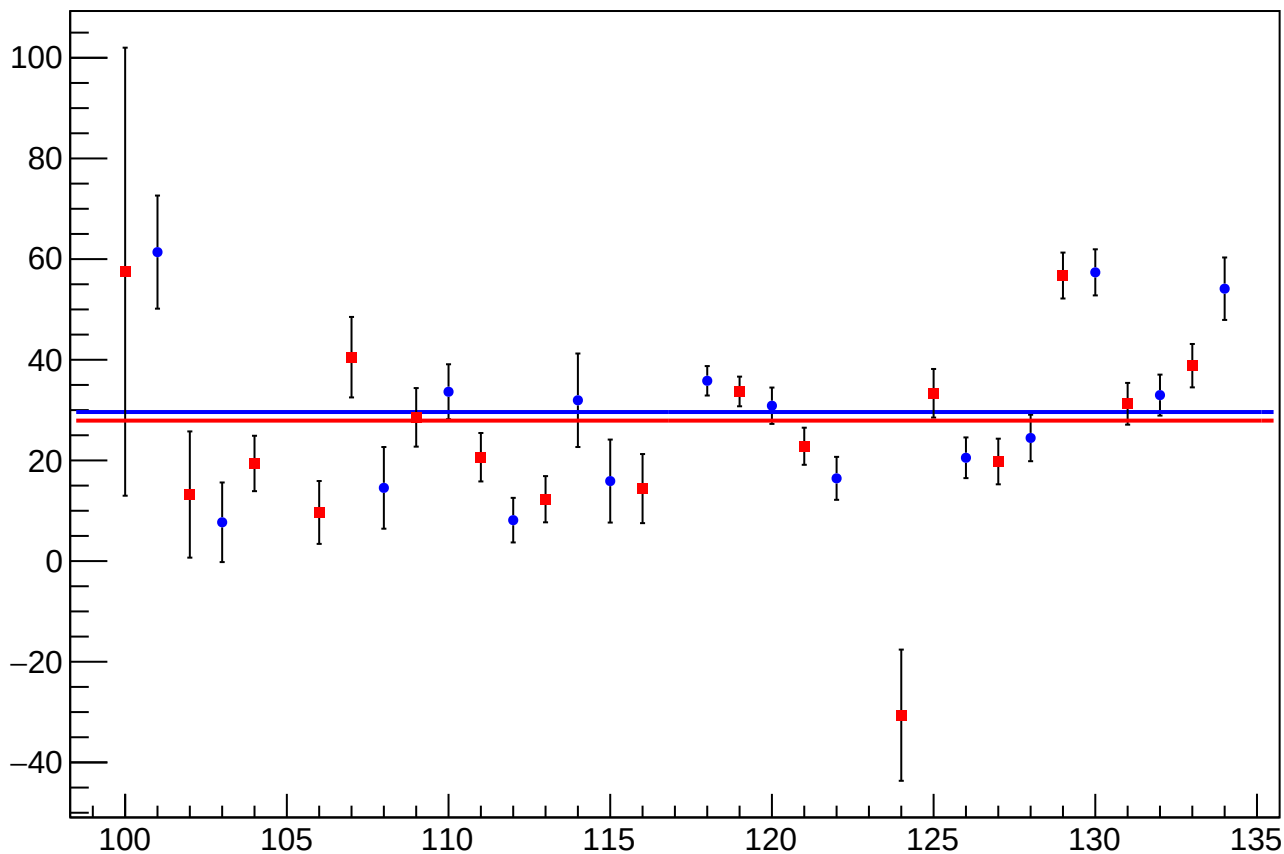
Right: 188.965+/-0.853 χ^2/NDF : 4680.8/31

In: 190.828+/-1.238 χ^2/NDF : 1333.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.965+/-0.853 χ^2/NDF : 4680.8/31

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.618+/-1.250 χ^2/NDF : 119.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.911+/-1.223 χ^2/NDF : 110.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

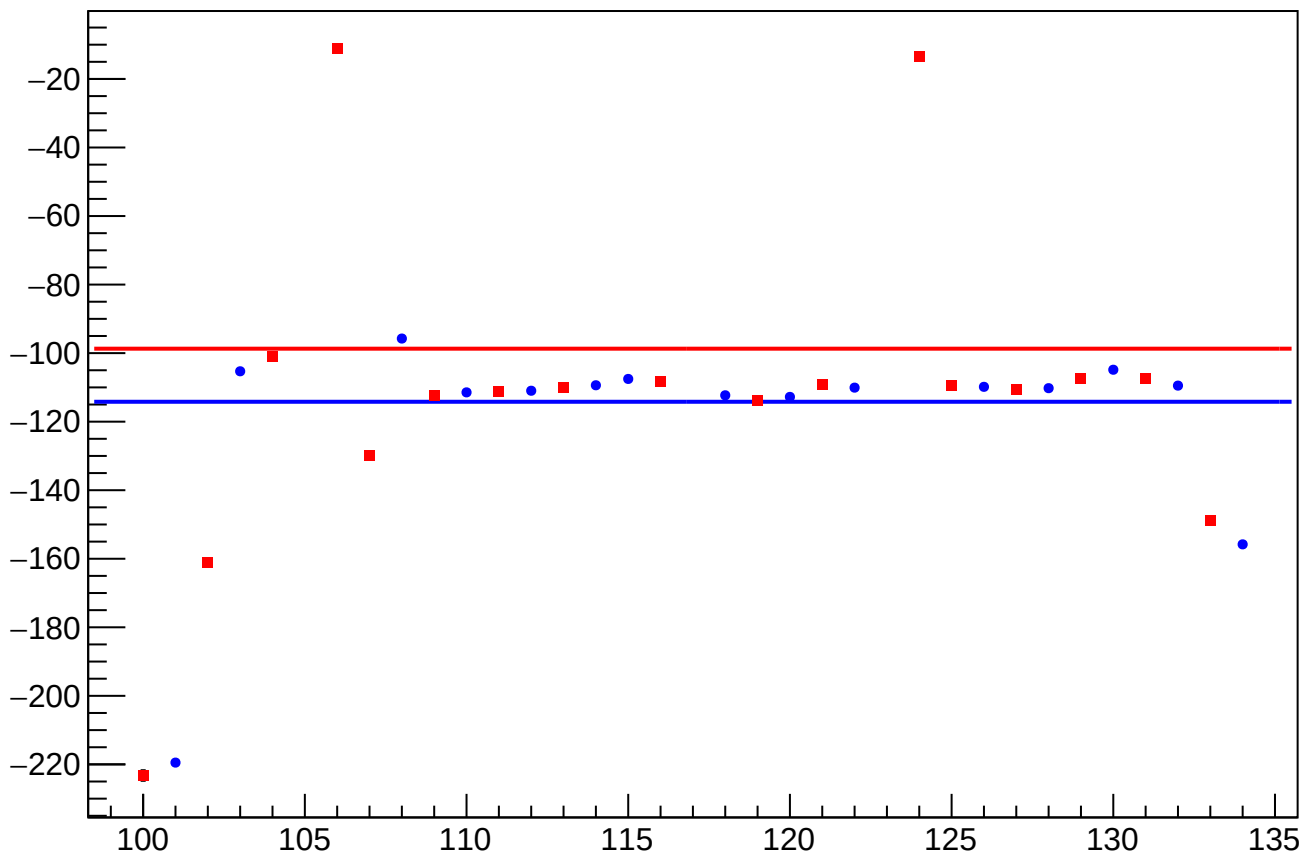
Right: 28.746+/-0.874 χ^2/NDF : 230.8/31

In: 29.618+/-1.250 χ^2/NDF : 119.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.746+/-0.874 χ^2/NDF : 230.8/31

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -114.192+/-0.085 χ^2/NDF : 67726.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.703+/-0.079 χ^2/NDF : 279286.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

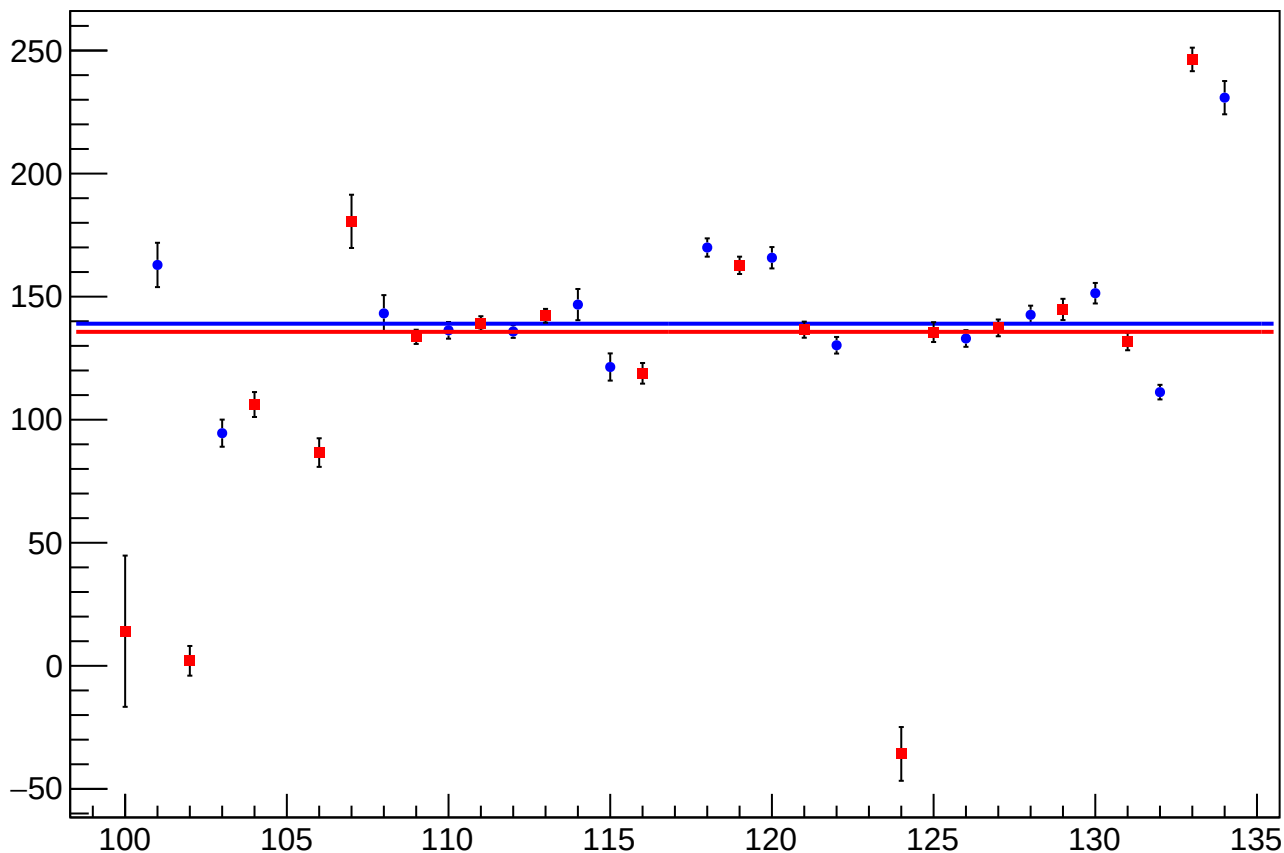
Right: -105.858+/-0.058 χ^2/NDF : 364831.7/31

In: -114.192+/-0.085 χ^2/NDF : 67726.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.858+/-0.058 χ^2/NDF : 364831.7/31

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.009+/-1.041 χ^2/NDF : 485.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 135.698+/-0.984 χ^2/NDF : 1500.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

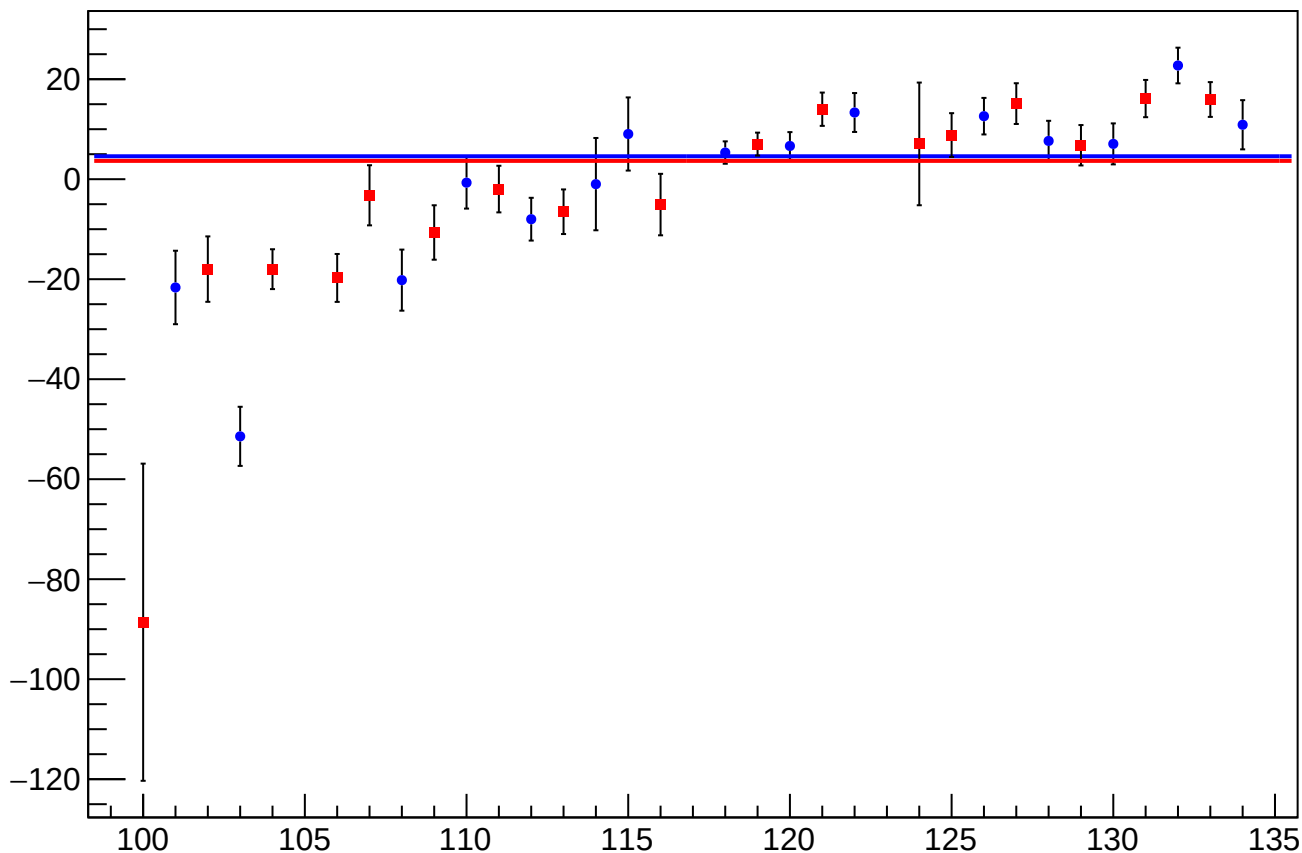
Right: 137.260+/-0.715 χ^2/NDF : 1991.6/31

In: 139.009+/-1.041 χ^2/NDF :485.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.260+/-0.715 χ^2/NDF : 1991.6/31

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.586+/-1.050 χ^2/NDF : 168.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.663+/-1.037 χ^2/NDF : 135.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

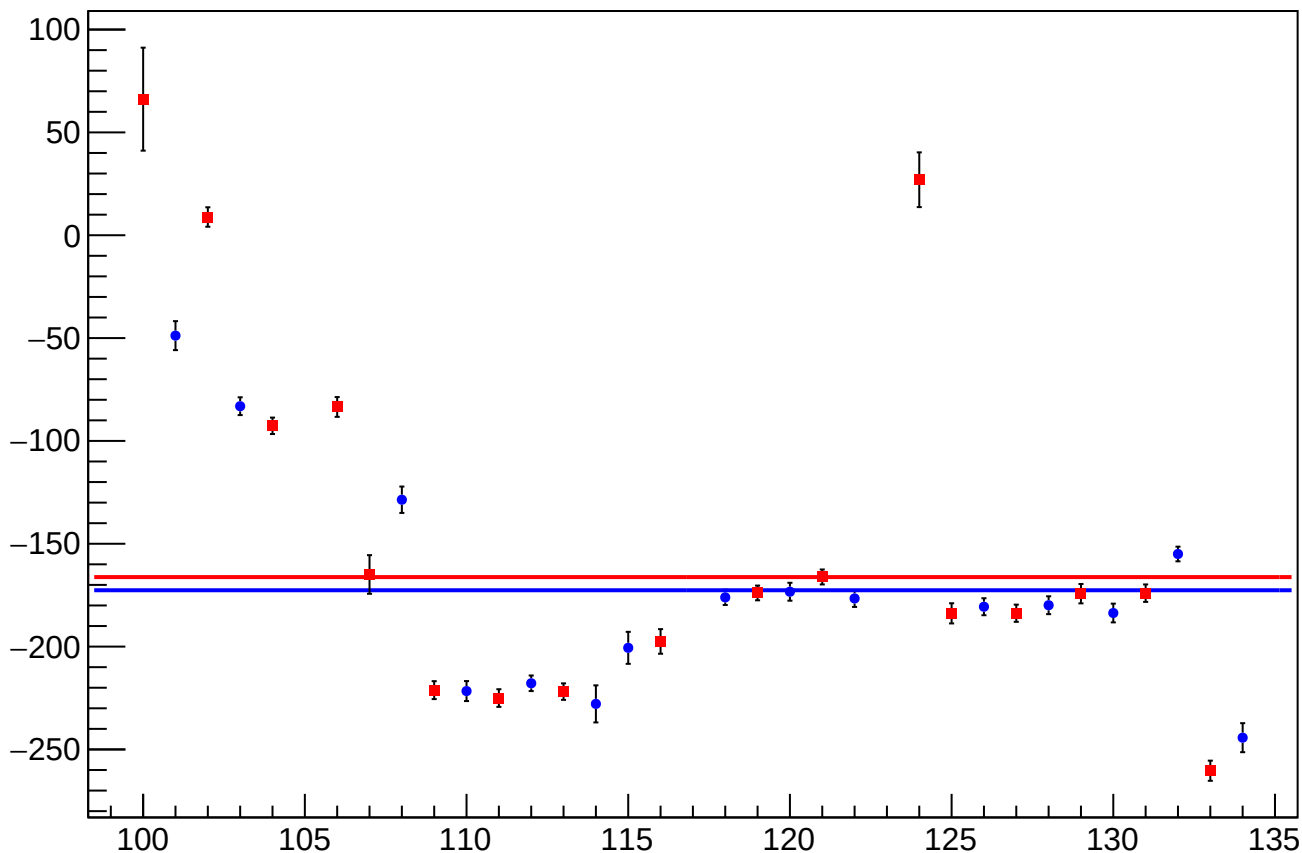
Right: 4.119+/-0.738 χ^2/NDF : 303.9/31

In: 4.586+/-1.050 χ^2/NDF : 168.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.119+/-0.738 χ^2/NDF : 303.9/31

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -172.606 ± 1.211 χ^2/NDF : 1220.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -166.205 ± 1.146 χ^2/NDF : 3280.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

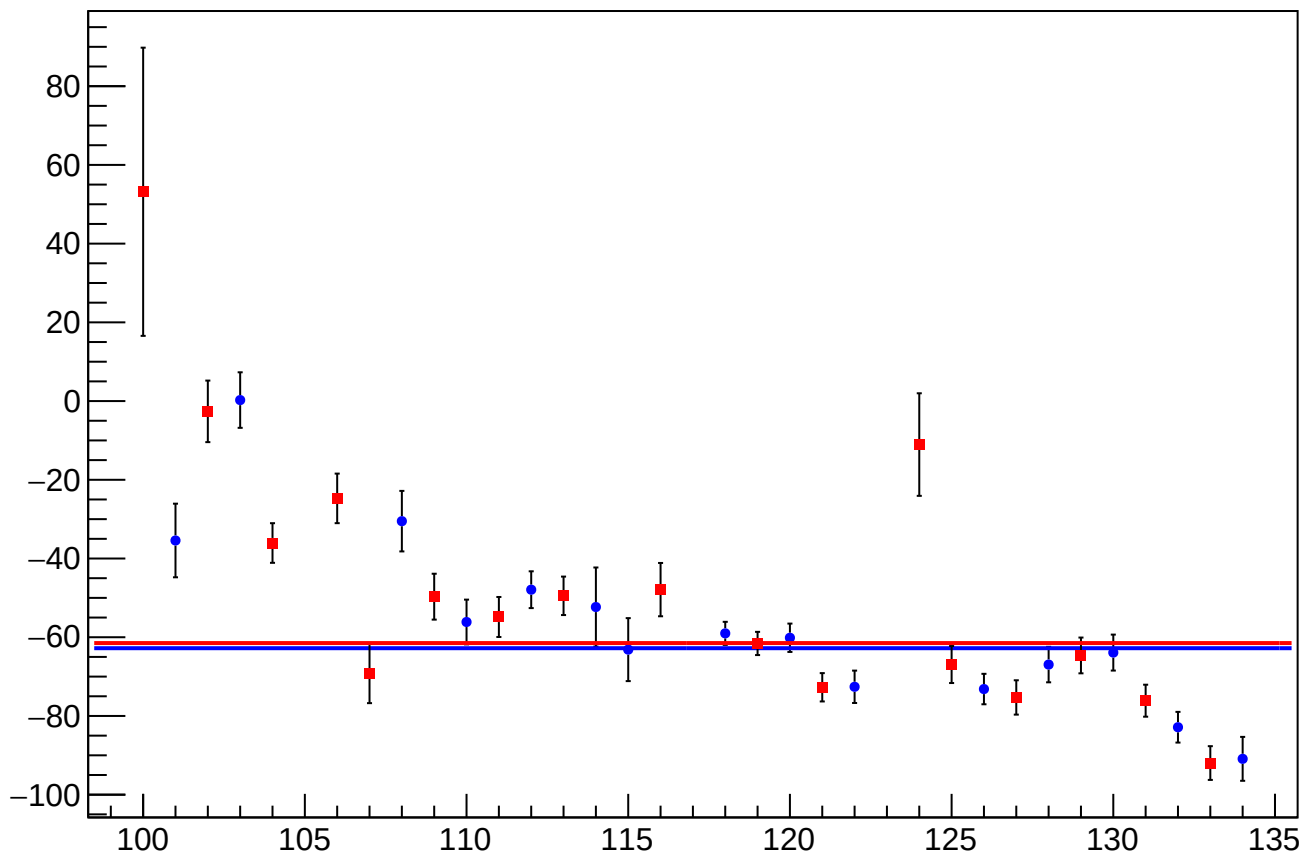
Right: -169.230 ± 0.832 χ^2/NDF : 4516.5/31

In: -172.606 ± 1.211 χ^2/NDF : 1220.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -169.230 ± 0.832 χ^2/NDF : 4516.5/31

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.787 $\pm$ 1.226 χ^2 /NDF: 186.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -61.483 $\pm$ 1.204 χ^2 /NDF: 243.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

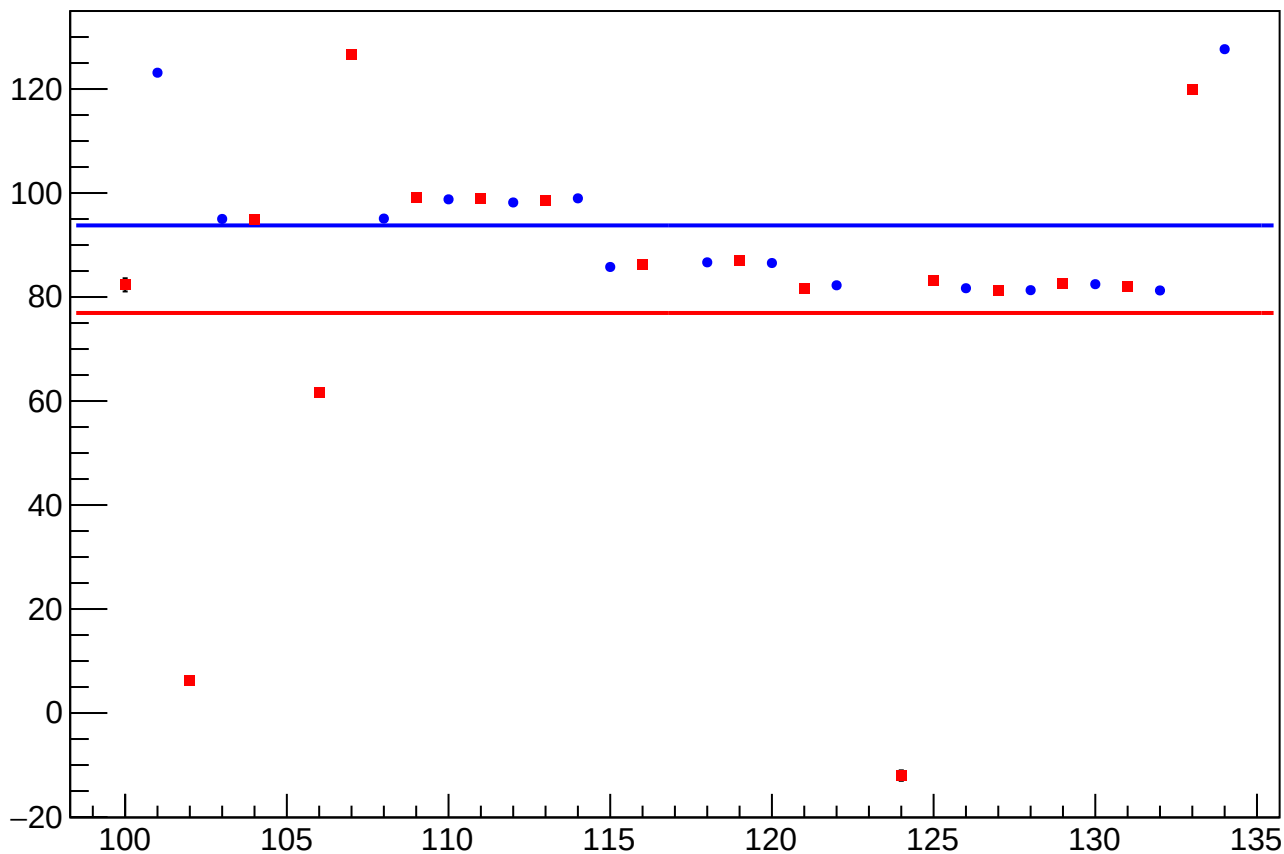
Right: -62.123 $\pm$ 0.859 χ^2 /NDF: 430.1/31

In: -62.787 $\pm$ 1.226 χ^2 /NDF:186.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.123 $\pm$ 0.859 χ^2 /NDF: 430.1/31

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 93.768 $\pm$ 0.081 χ^2 /NDF: 27033.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.930 $\pm$ 0.074 χ^2 /NDF: 193301.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

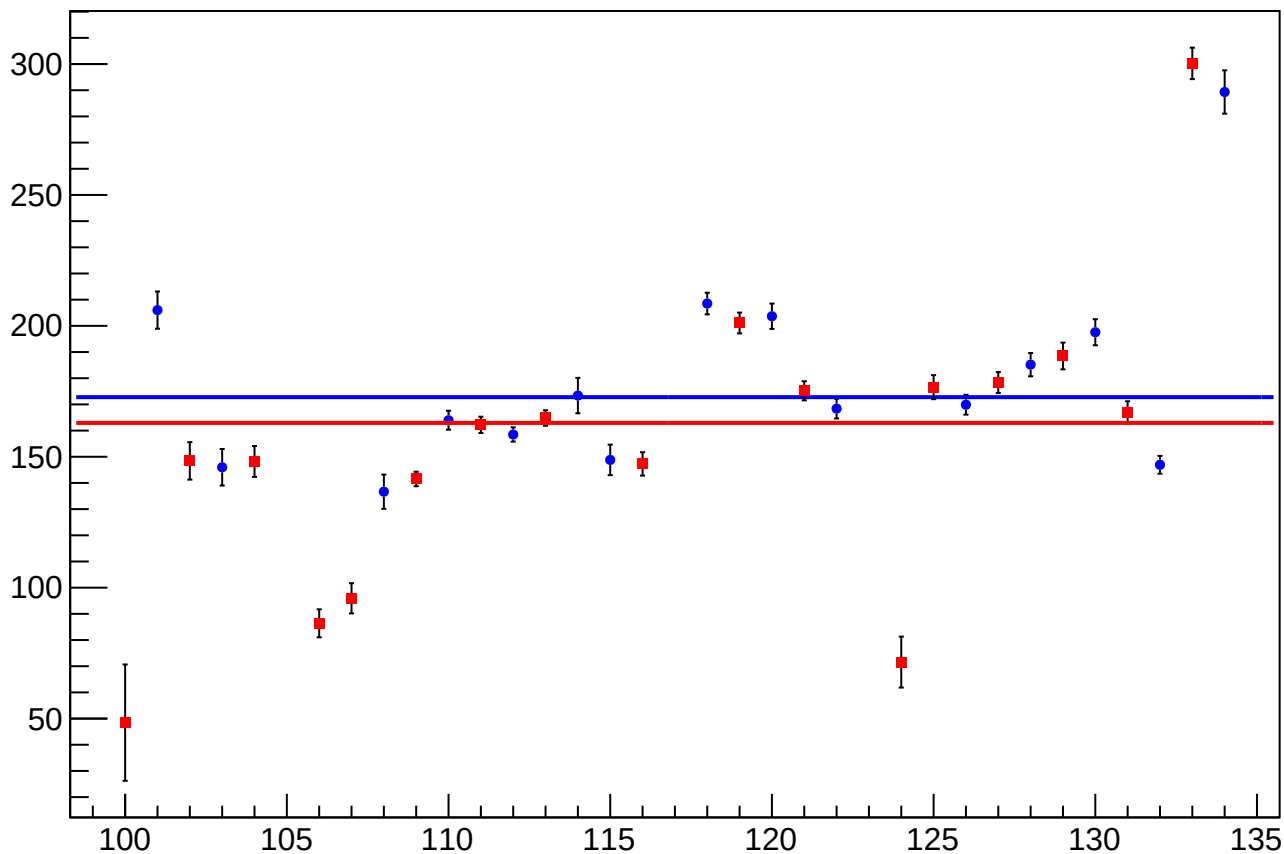
Right: 84.602 $\pm$ 0.055 χ^2 /NDF: 243727.4/31

In: 93.768 $\pm$ 0.081 χ^2 /NDF:27033.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.602 $\pm$ 0.055 χ^2 /NDF: 243727.4/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.921+/-1.055 χ^2/NDF : 1213.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

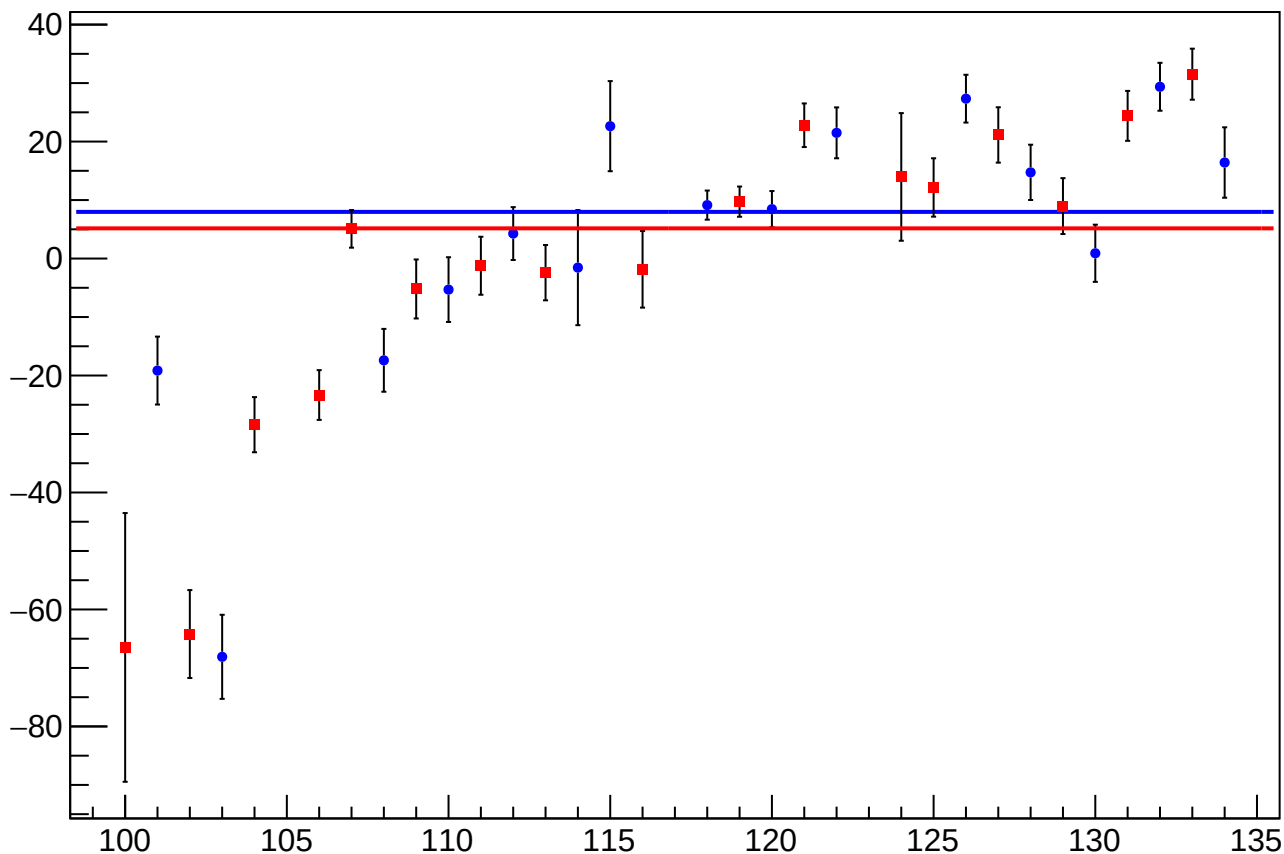
Right: 167.430+/-0.777 χ^2/NDF : 1777.1/31

In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.430+/-0.777 χ^2/NDF : 1777.1/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.979+/-1.159 χ^2/NDF : 232.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.162+/-1.097 χ^2/NDF : 296.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

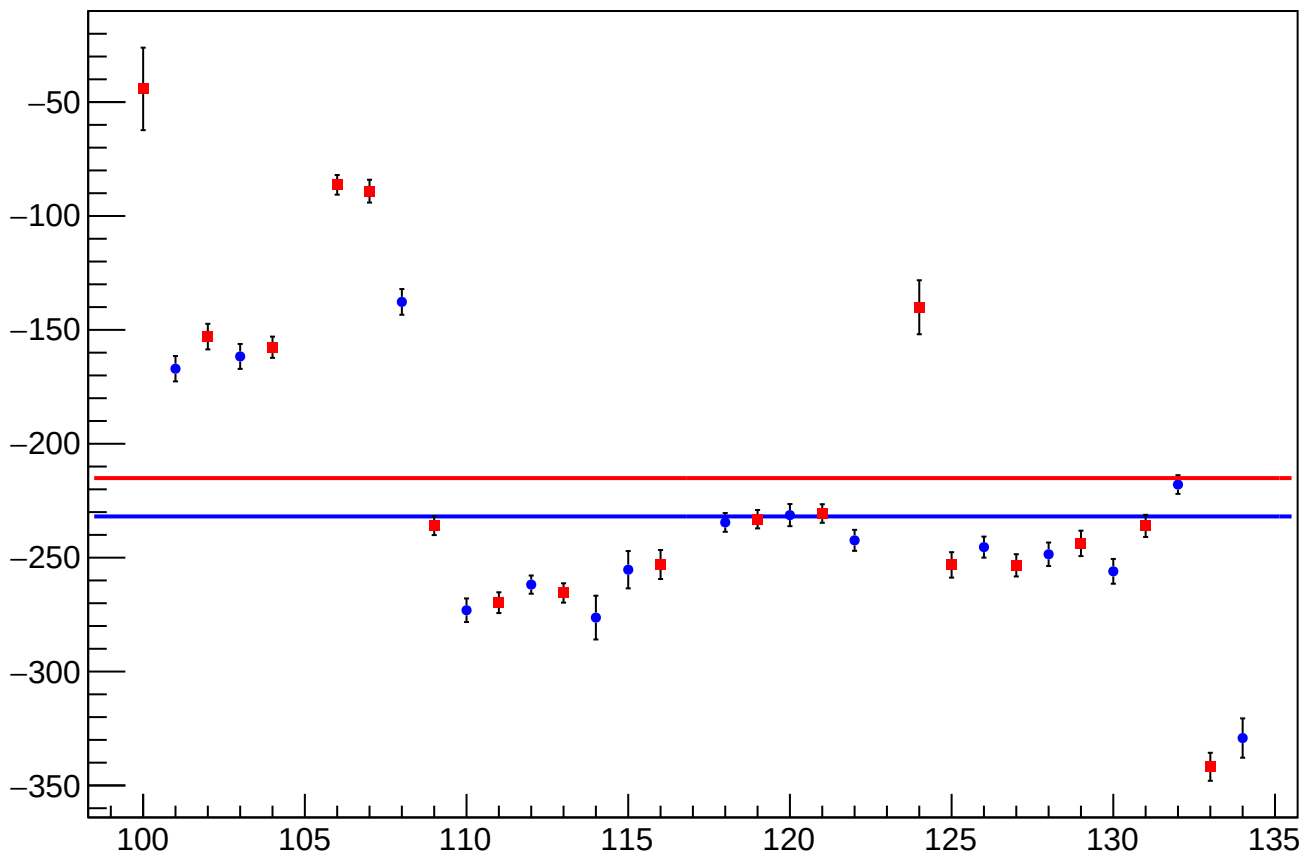
Right: 6.494+/-0.797 χ^2/NDF : 532.9/31

In: 7.979+/-1.159 χ^2/NDF :232.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.494+/-0.797 χ^2/NDF : 532.9/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -215.069+/-1.227 χ^2/NDF : 2883.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

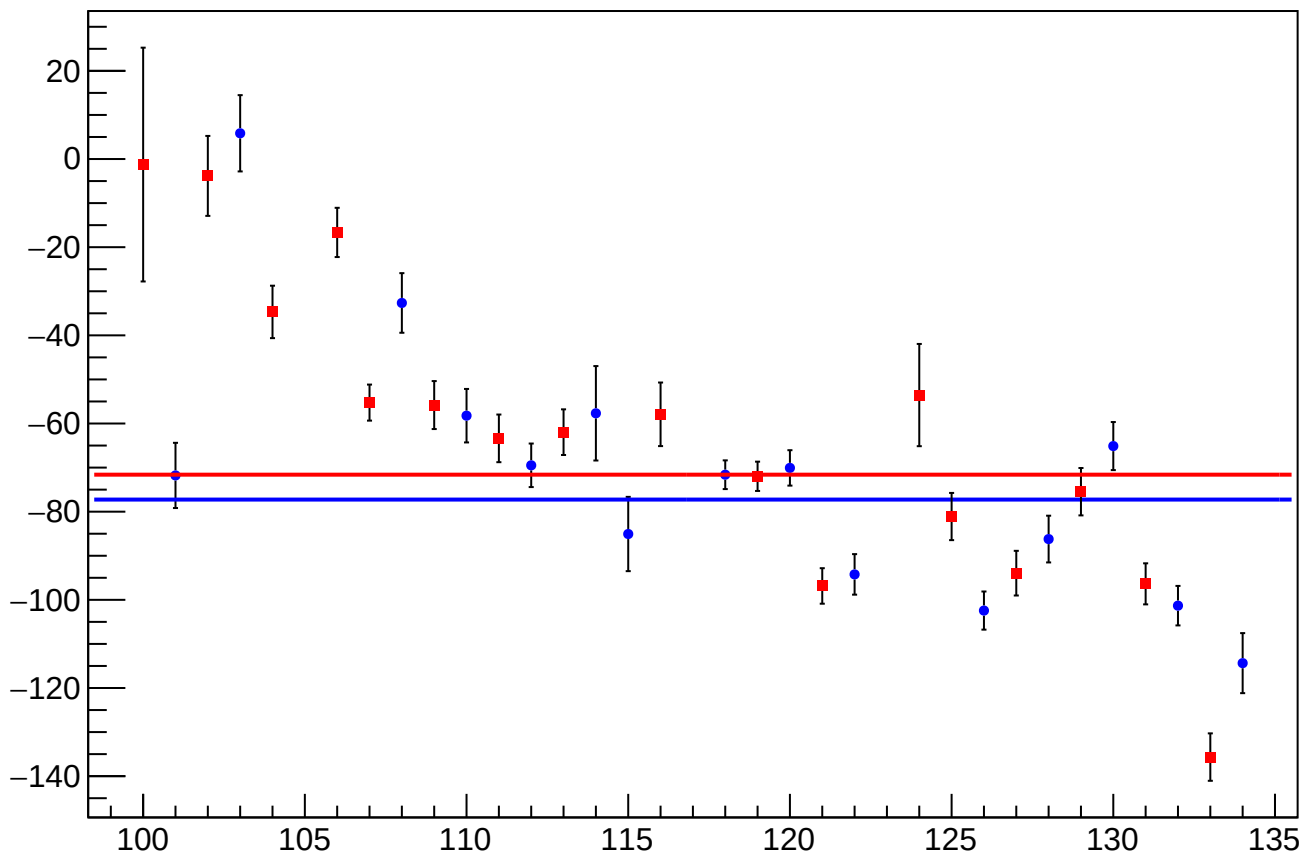
Right: -222.786+/-0.903 χ^2/NDF : 3880.3/31

In: -231.901+/-1.334 χ^2/NDF :910.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -222.786+/-0.903 χ^2/NDF : 3880.3/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.605+/-1.284 χ^2/NDF : 466.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

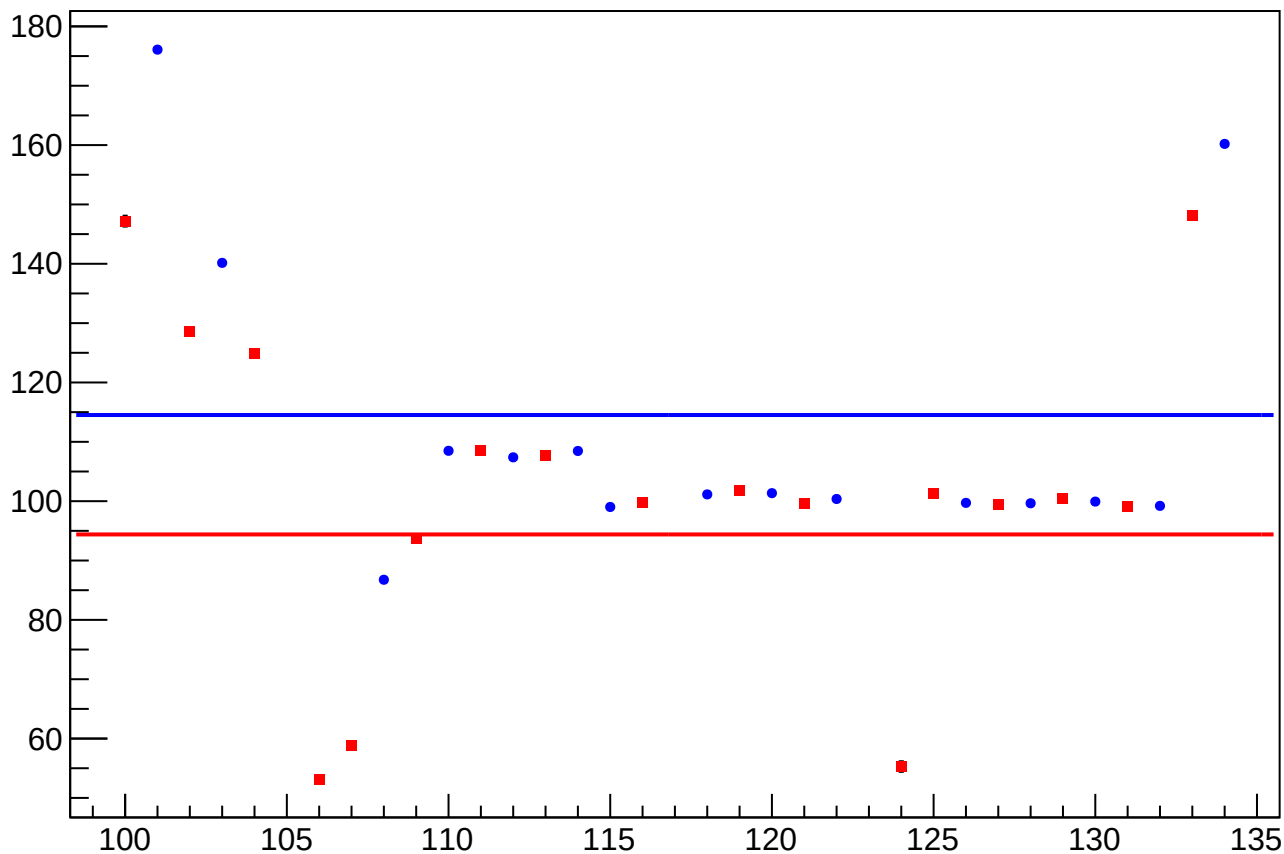
Right: -74.270+/-0.933 χ^2/NDF : 748.9/31

In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.270+/-0.933 χ^2/NDF : 748.9/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.396+/-0.077 χ^2/NDF : 138418.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

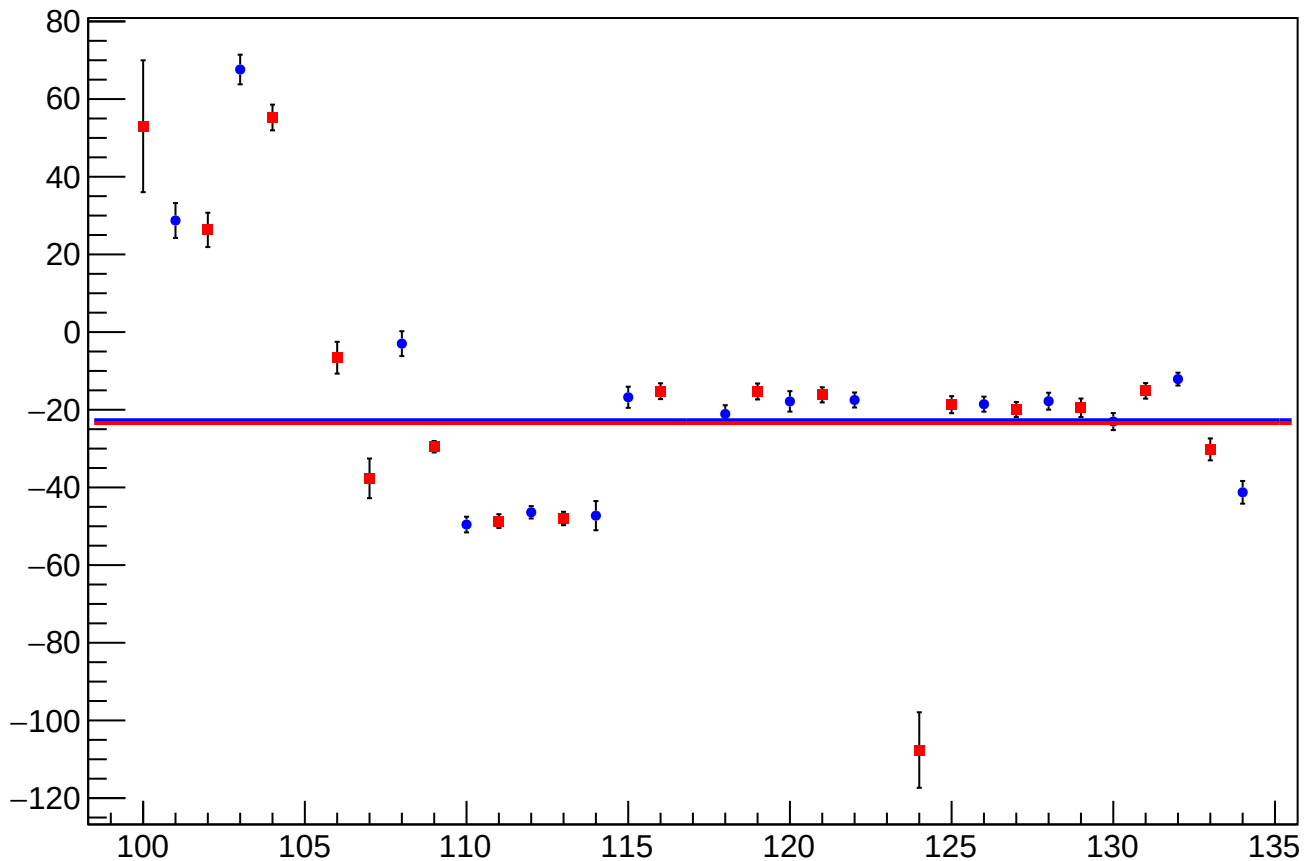
Right: 102.987+/-0.058 χ^2/NDF : 257581.3/31

In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.987+/-0.058 χ^2/NDF : 257581.3/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.707+/-0.594 χ^2/NDF : 1275.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.422+/-0.565 χ^2/NDF : 1316.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

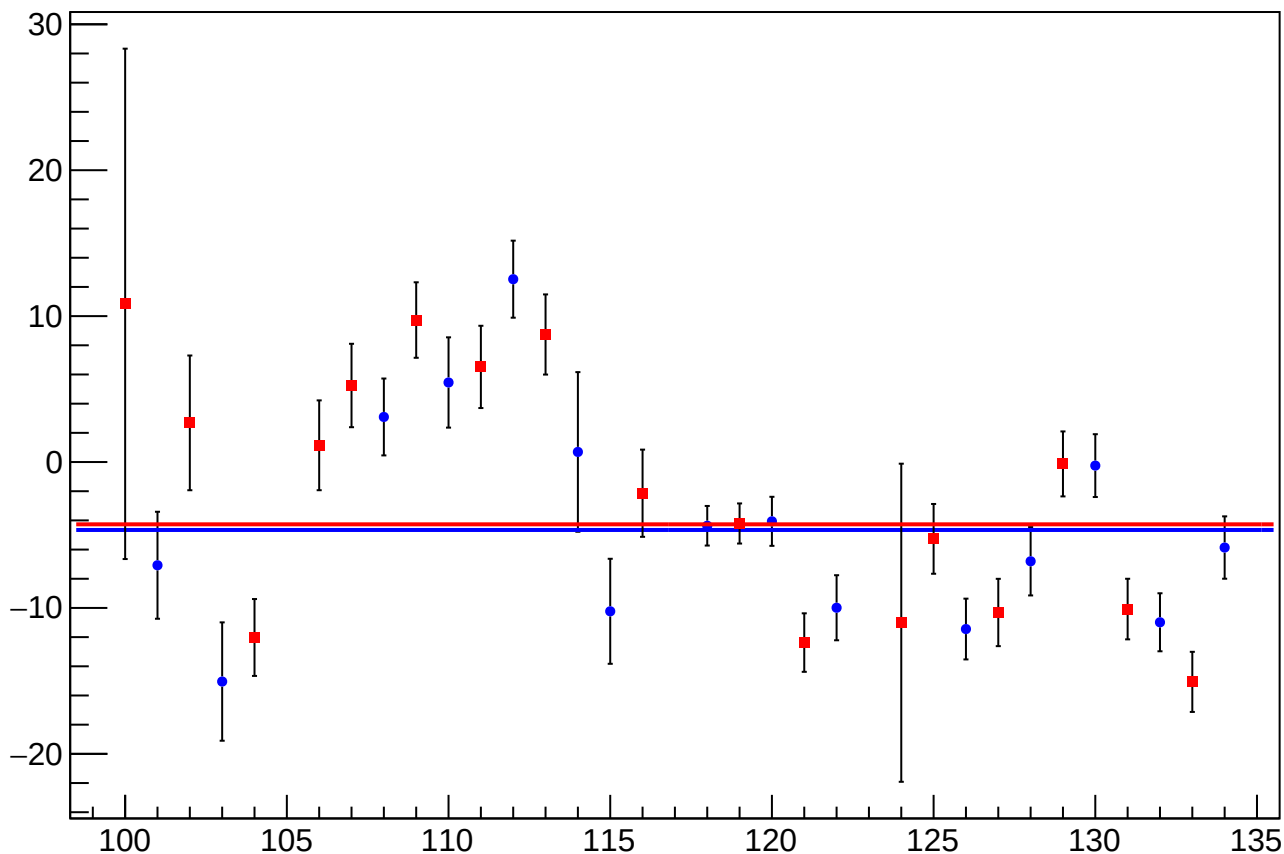
Right: -23.083+/-0.409 χ^2/NDF : 2592.3/31

In: -22.707+/-0.594 χ^2/NDF : 1275.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.083+/-0.409 χ^2/NDF : 2592.3/31

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.656+/-0.594 χ^2/NDF : 104.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.270+/-0.602 χ^2/NDF : 155.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

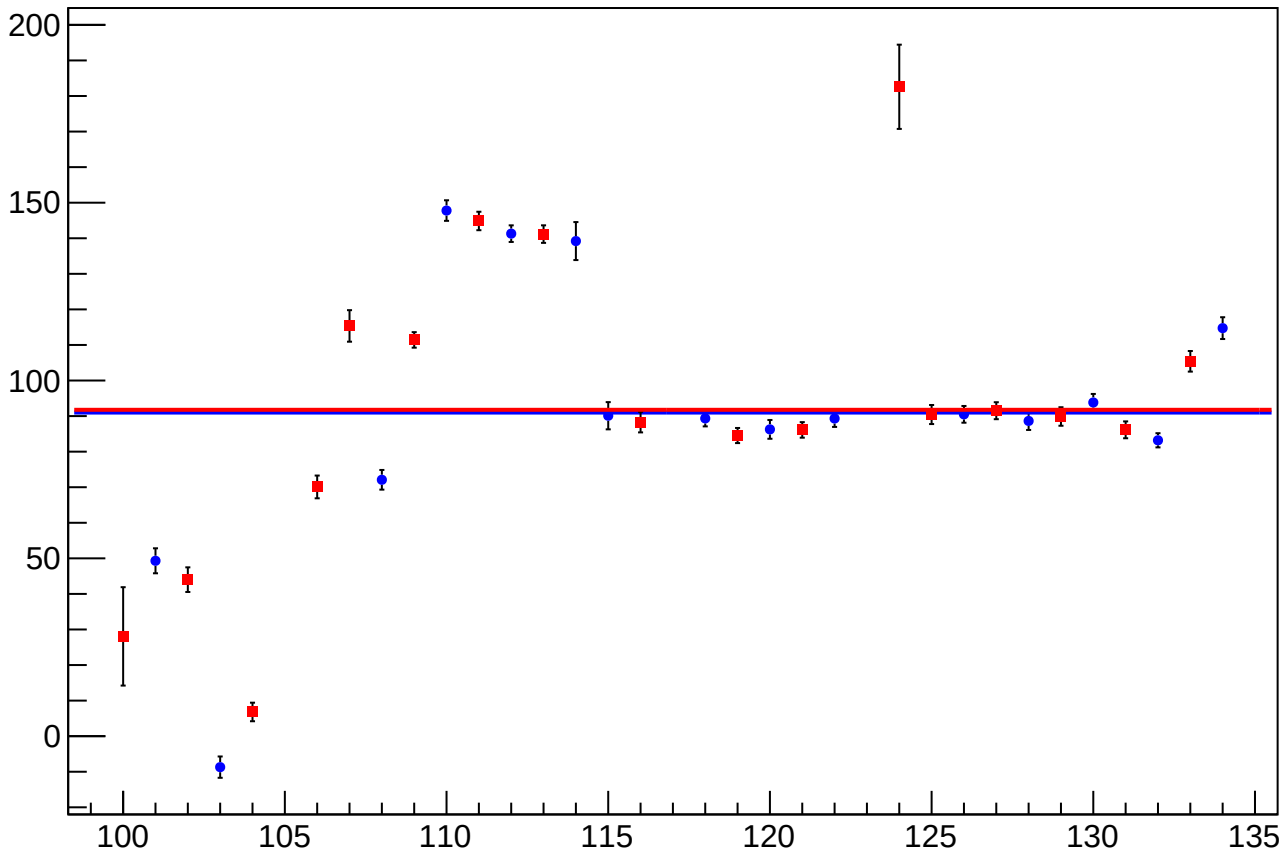
Right: -4.465+/-0.423 χ^2/NDF : 259.5/31

In: -4.656+/-0.594 χ^2/NDF : 104.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.465+/-0.423 χ^2/NDF : 259.5/31

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.994+/-0.687 χ^2/NDF : 2307.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 91.767+/-0.671 χ^2/NDF : 2353.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

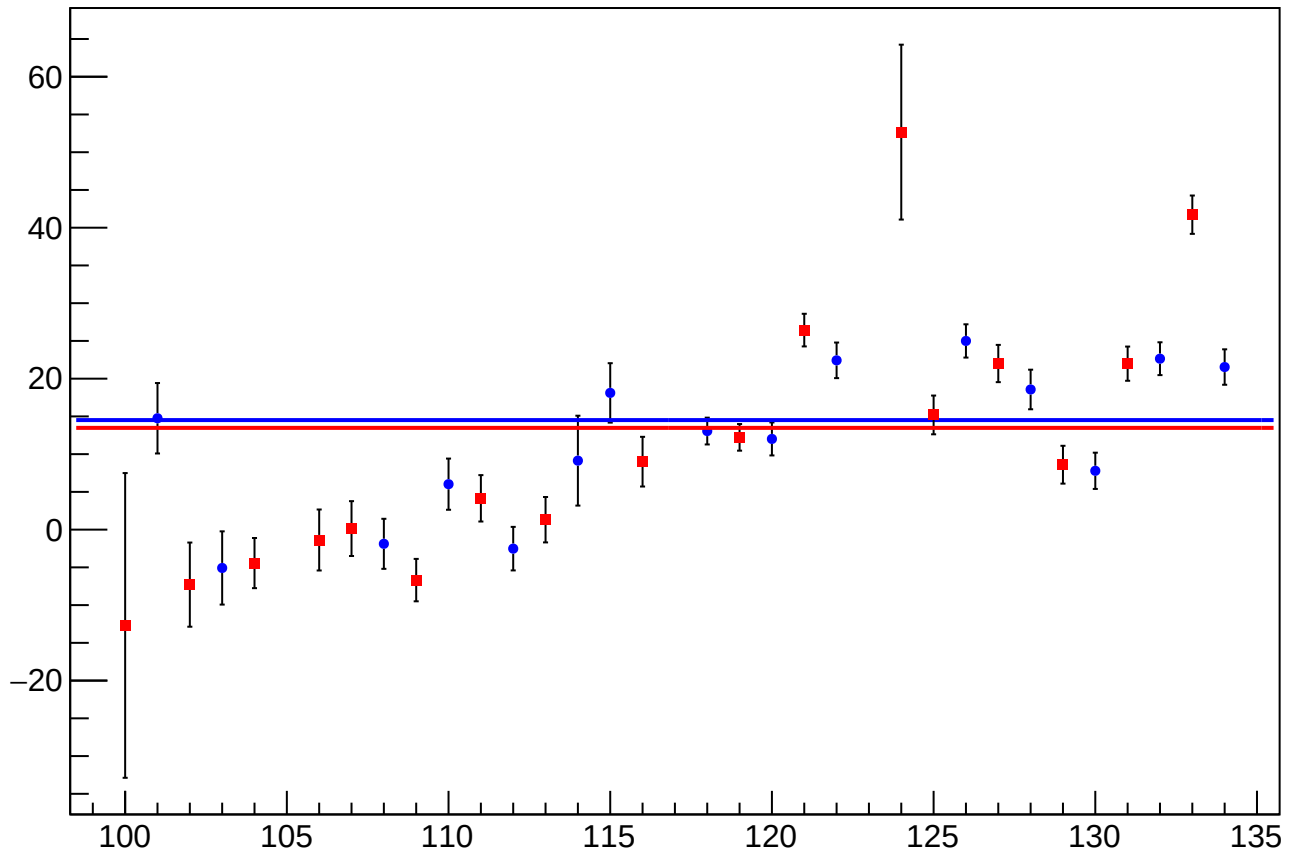
Right: 91.390+/-0.480 χ^2/NDF : 4661.2/31

In: 90.994+/-0.687 χ^2/NDF :2307.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.390+/-0.480 χ^2/NDF : 4661.2/31

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.512 $\pm$ 0.690 χ^2 /NDF: 152.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.481 $\pm$ 0.696 χ^2 /NDF: 352.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

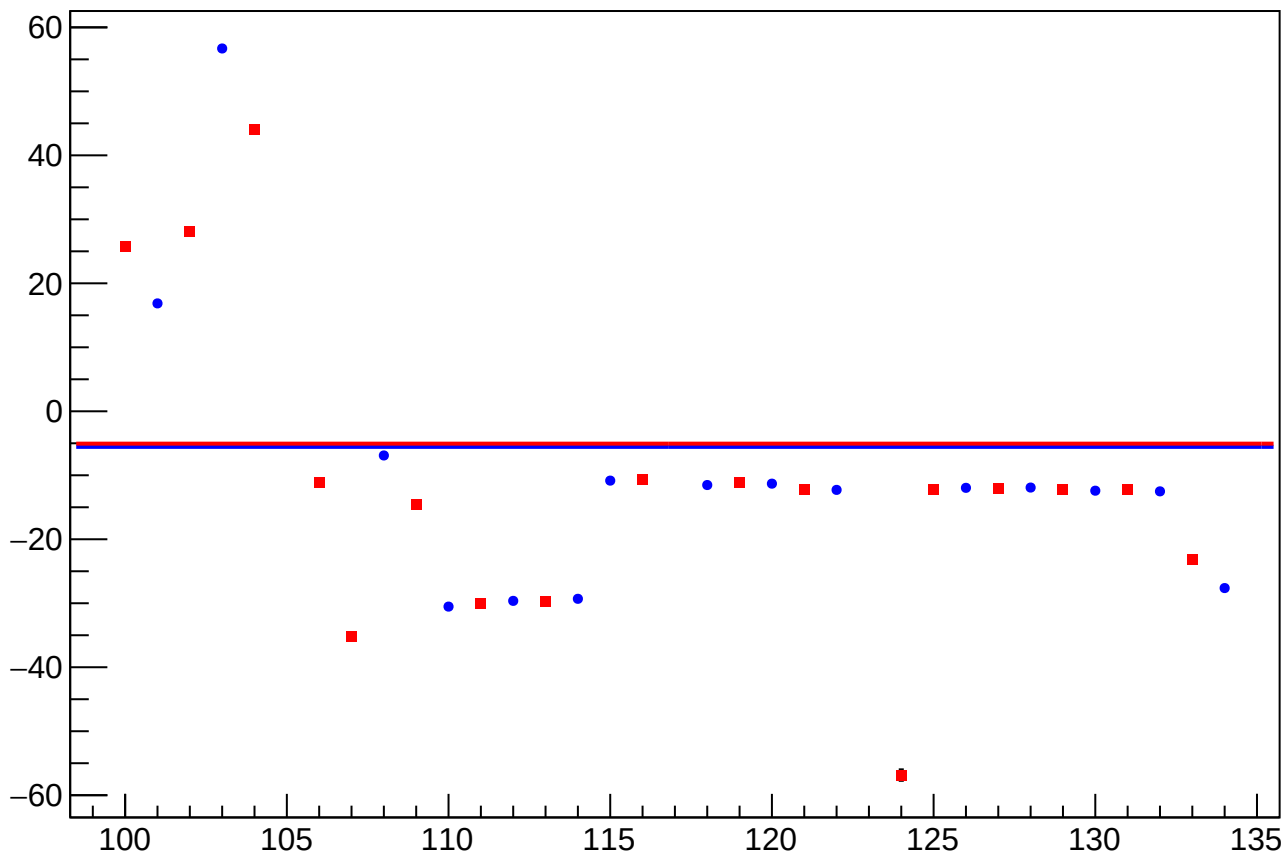
Right: 14.001 $\pm$ 0.490 χ^2 /NDF: 506.1/31

In: 14.512 $\pm$ 0.690 χ^2 /NDF: 152.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.001 $\pm$ 0.490 χ^2 /NDF: 506.1/31

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.559+/-0.044 χ^2/NDF : 334135.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.058+/-0.045 χ^2/NDF : 287021.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

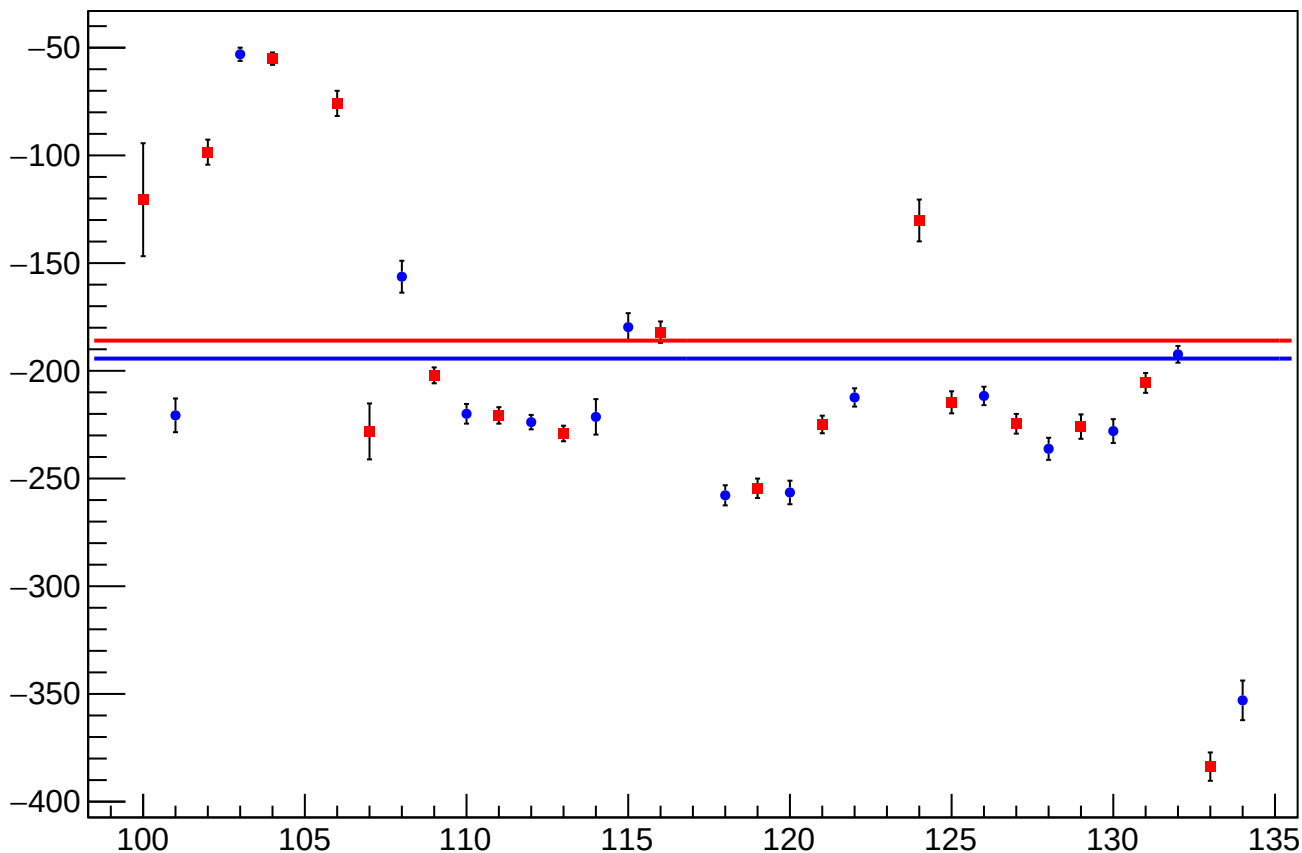
Right: -5.314+/-0.032 χ^2/NDF : 621219.6/31

In: -5.559+/-0.044 χ^2/NDF : 334135.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.314+/-0.032 χ^2/NDF : 621219.6/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -194.323+/-1.236 χ^2/NDF : 3033.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -185.974+/-1.153 χ^2/NDF : 4340.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

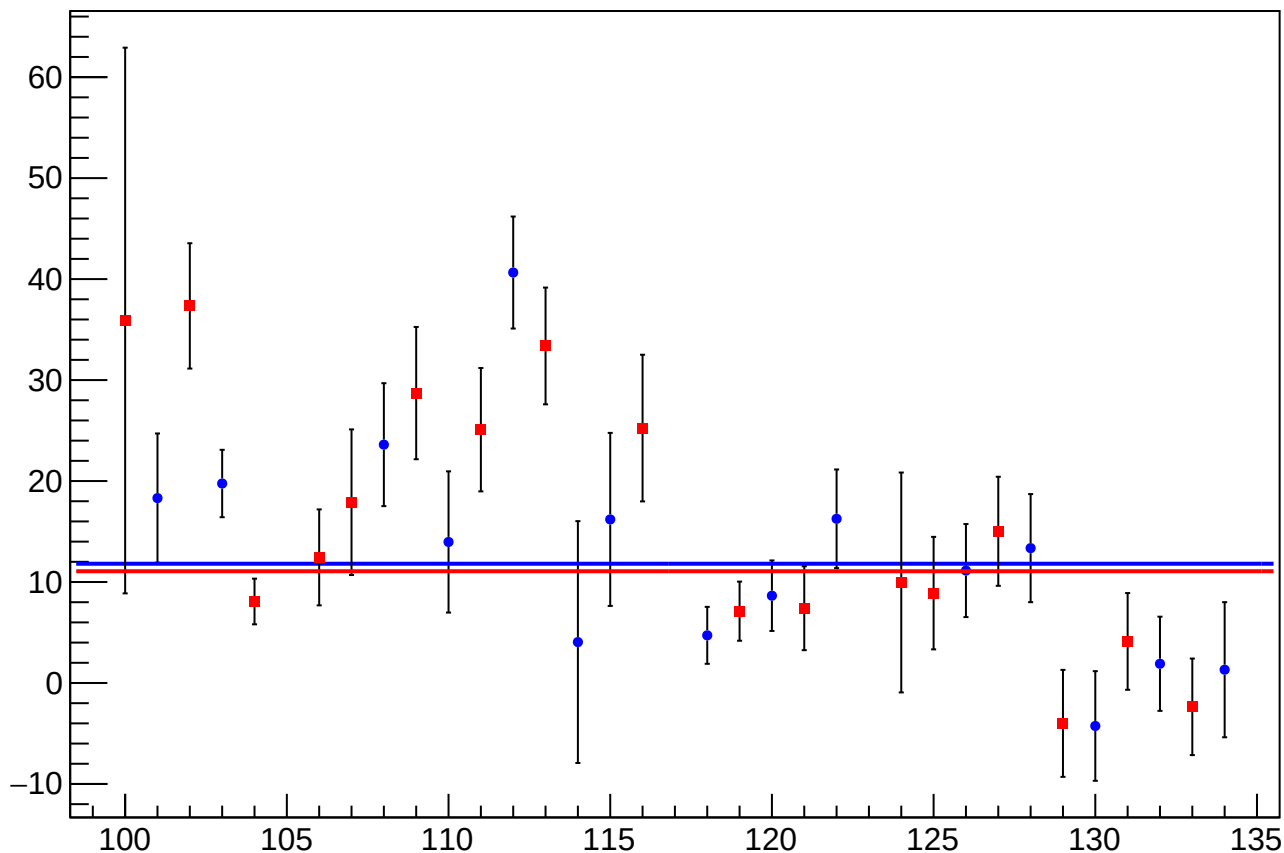
Right: -189.858+/-0.843 χ^2/NDF : 7398.7/31

In: -194.323+/-1.236 χ^2/NDF :3033.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -189.858+/-0.843 χ^2/NDF : 7398.7/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.811 $\pm$ 1.242 χ^2 /NDF: 62.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.068 $\pm$ 1.149 χ^2 /NDF: 74.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

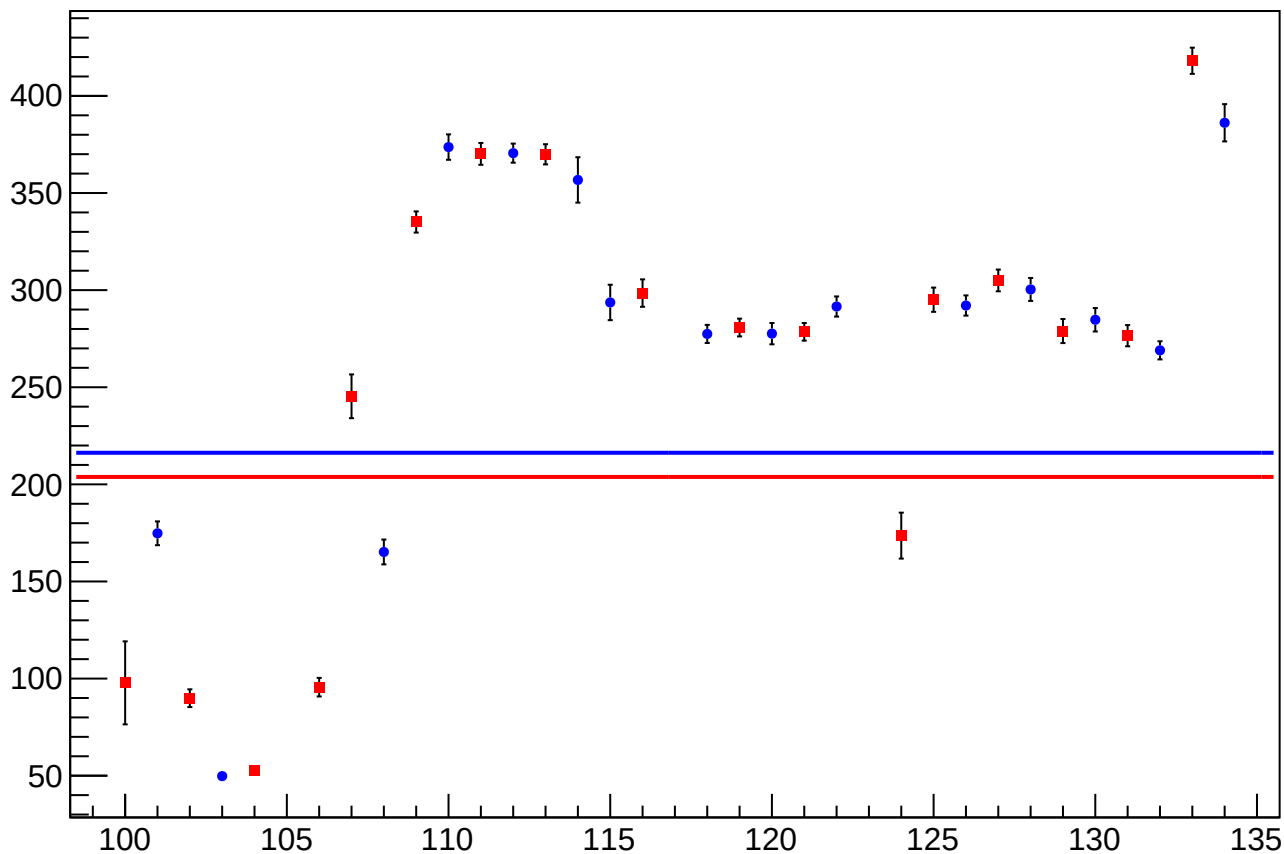
Right: 11.410 $\pm$ 0.843 χ^2 /NDF: 136.4/31

In: 11.811 $\pm$ 1.242 χ^2 /NDF:62.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.410 $\pm$ 0.843 χ^2 /NDF: 136.4/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 216.266+/-1.320 χ^2/NDF : 8157.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.819+/-1.230 χ^2/NDF : 10706.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

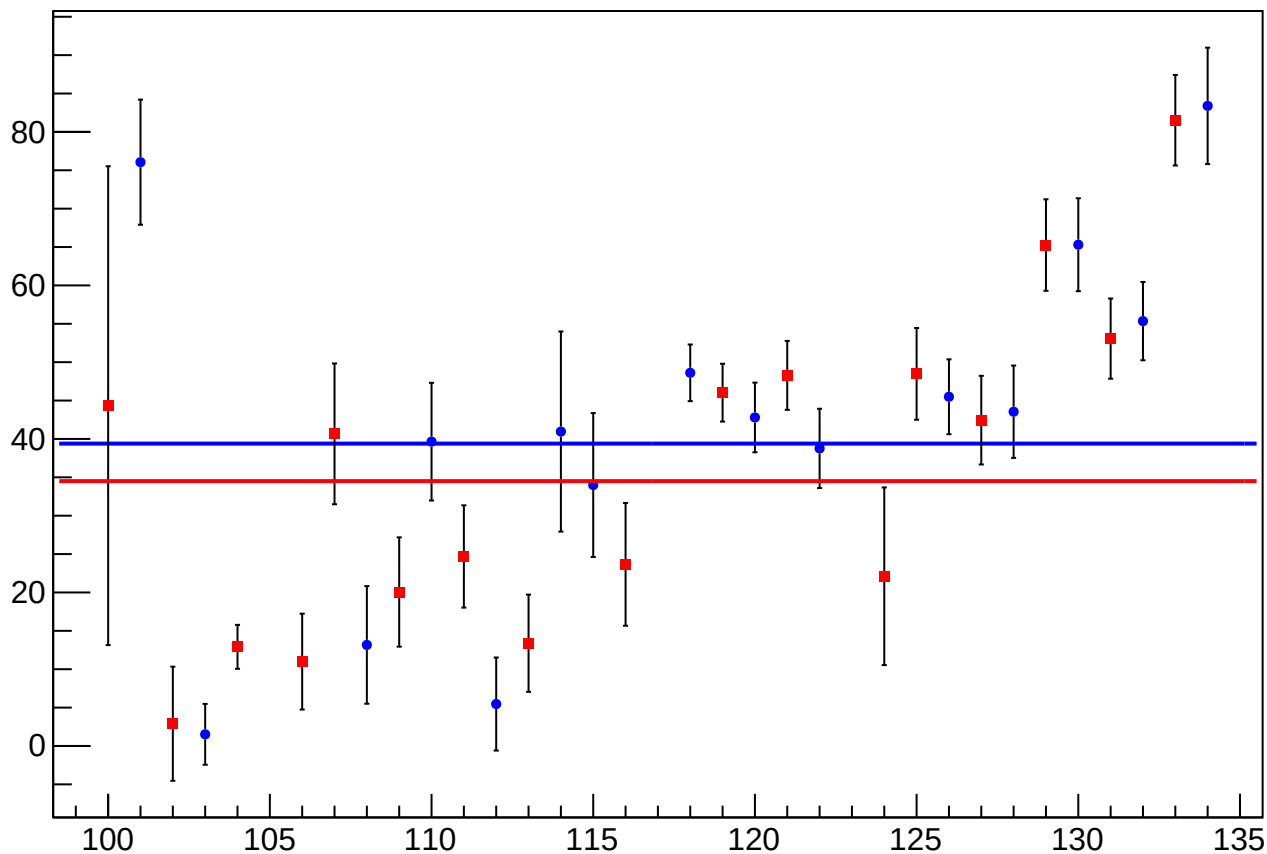
Right: 209.602+/-0.900 χ^2/NDF : 18912.3/31

In: 216.266+/-1.320 χ^2/NDF : 8157.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.602+/-0.900 χ^2/NDF : 18912.3/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.392+/-1.459 χ^2 /NDF: 225.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 34.504+/-1.360 χ^2 /NDF: 239.1/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

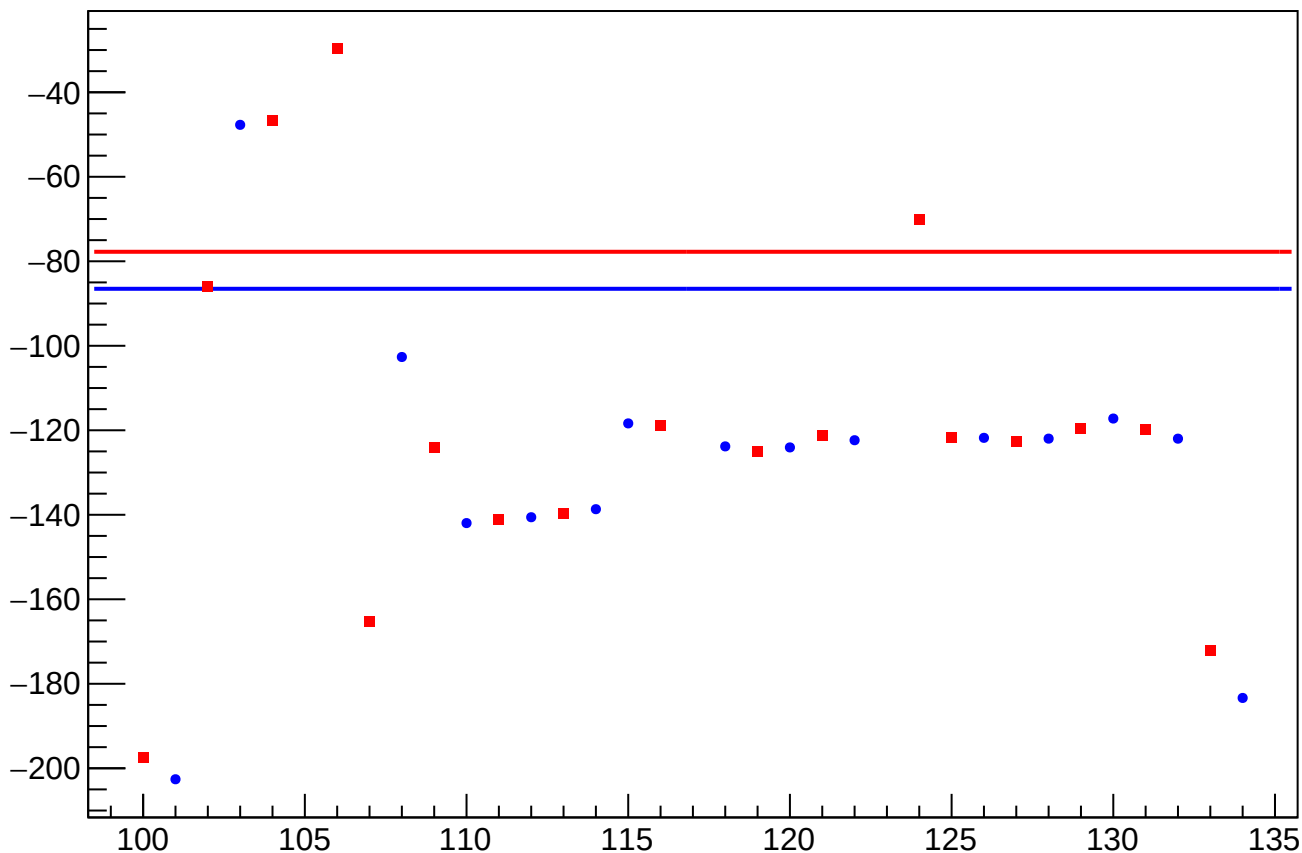
Right: 36.776+/-0.995 χ^2 /NDF: 470.7/31

In: 39.392+/-1.459 χ^2 /NDF:225.6/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 36.776+/-0.995 χ^2 /NDF: 470.7/31

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -86.511+/-0.074 χ^2/NDF : 402364.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -77.750+/-0.071 χ^2/NDF : 354410.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

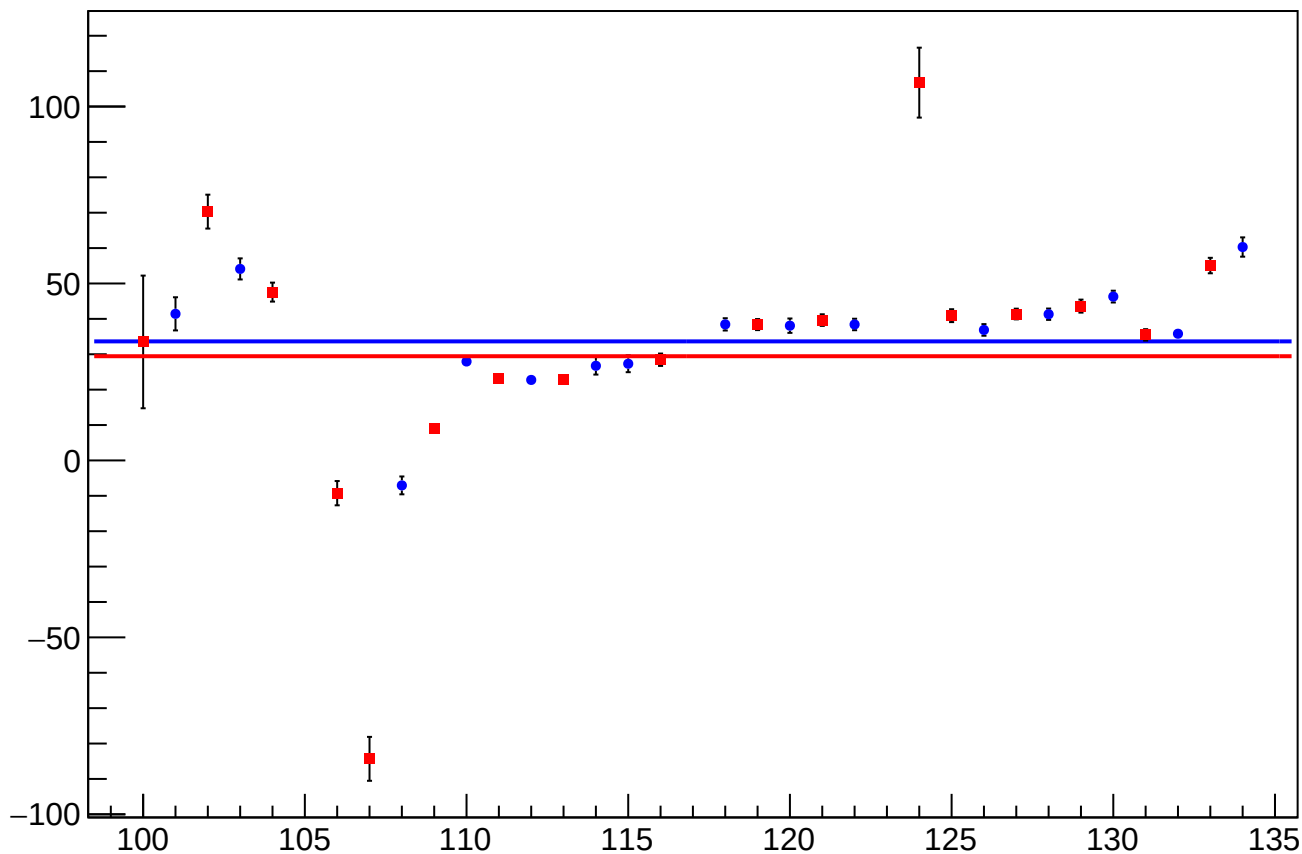
Right: -81.910+/-0.051 χ^2/NDF : 764097.7/31

In: -86.511+/-0.074 χ^2/NDF :402364.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -81.910+/-0.051 χ^2/NDF : 764097.7/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 33.639+/-0.456 χ^2/NDF : 643.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.445+/-0.434 χ^2/NDF : 1444.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

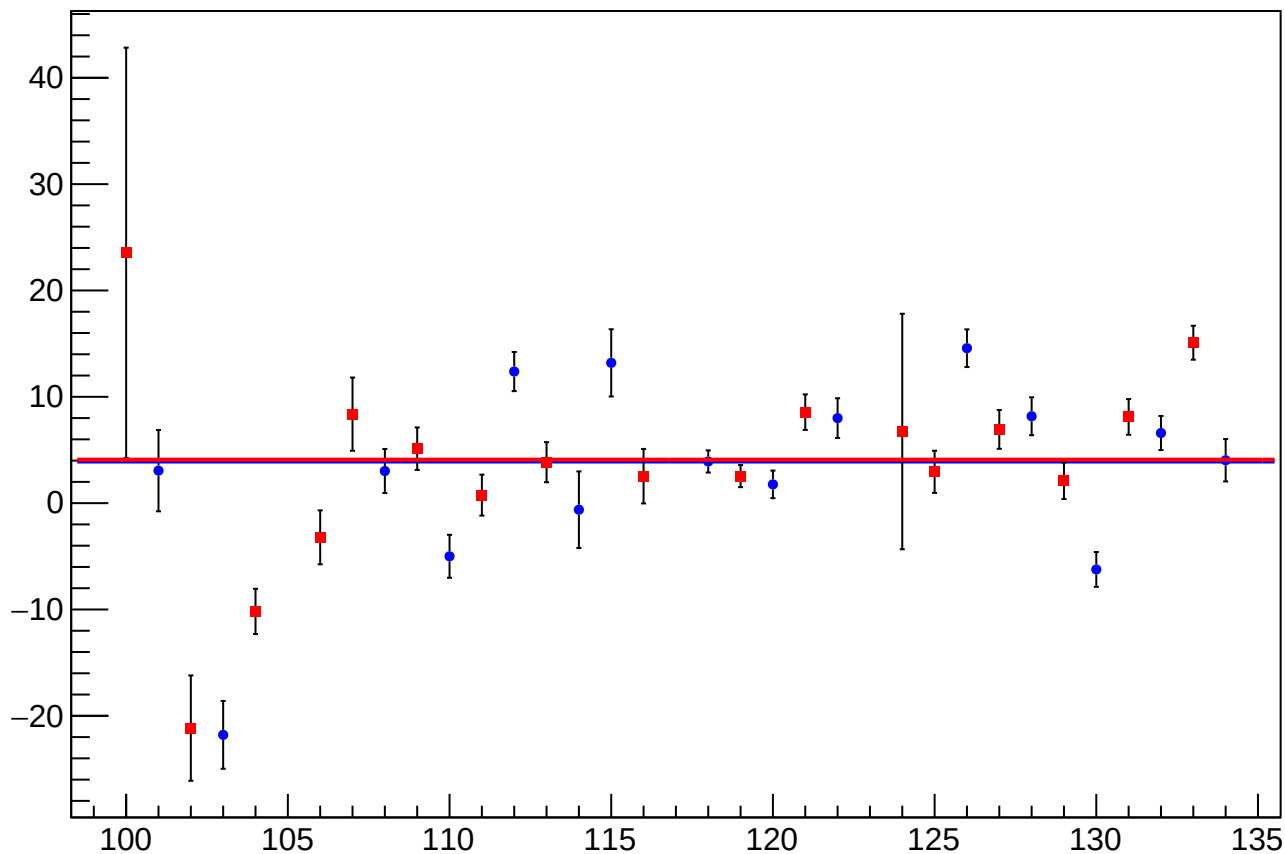
Right: 31.439+/-0.314 χ^2/NDF : 2132.3/31

In: 33.639+/-0.456 χ^2/NDF : 643.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.439+/-0.314 χ^2/NDF : 2132.3/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.917+/-0.468 χ^2/NDF : 206.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.089+/-0.477 χ^2/NDF : 152.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

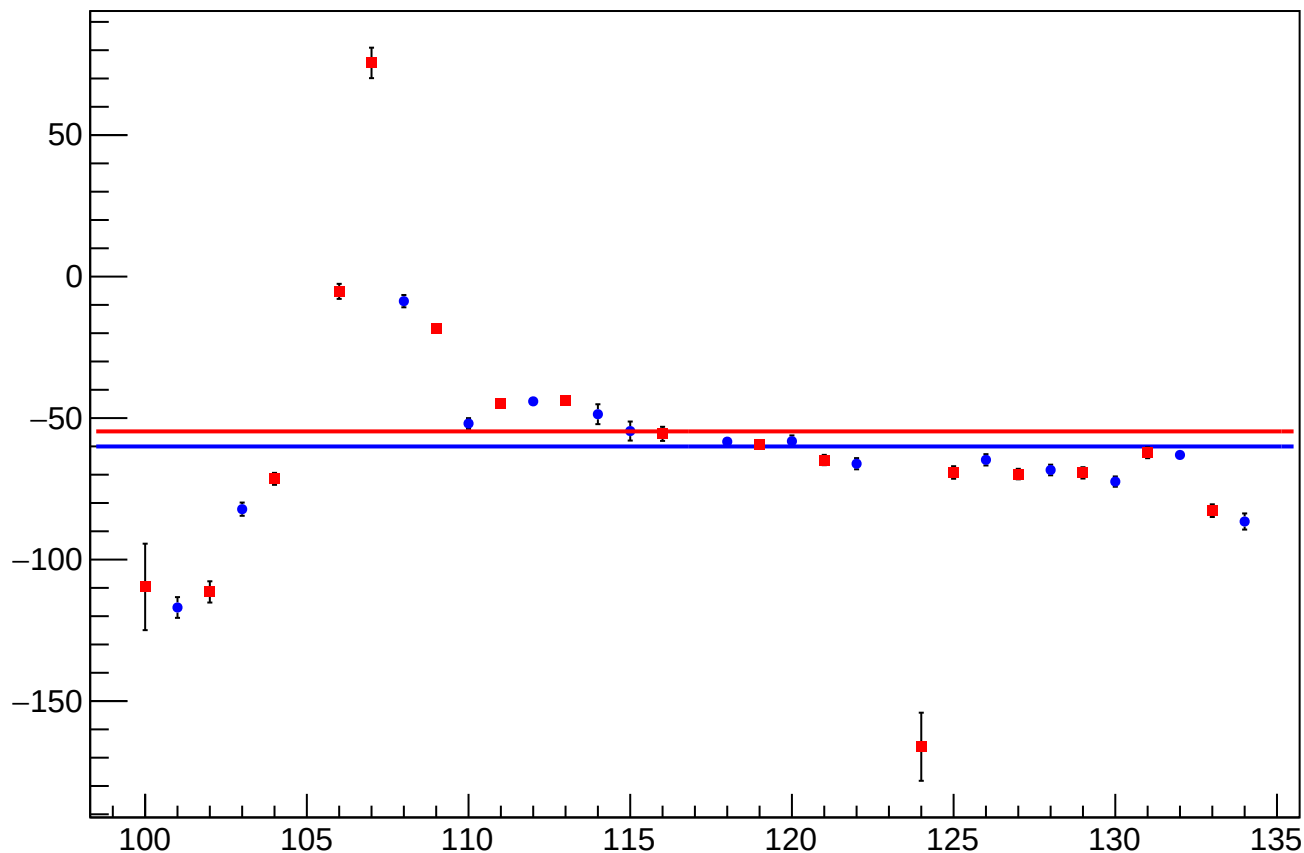
Right: 4.001+/-0.334 χ^2/NDF : 358.9/31

In: 3.917+/-0.468 χ^2/NDF : 206.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.001+/-0.334 χ^2/NDF : 358.9/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.027 ± 0.537 $\chi^2/\text{NDF}: 1186.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -54.703 ± 0.527 $\chi^2/\text{NDF}: 2277.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

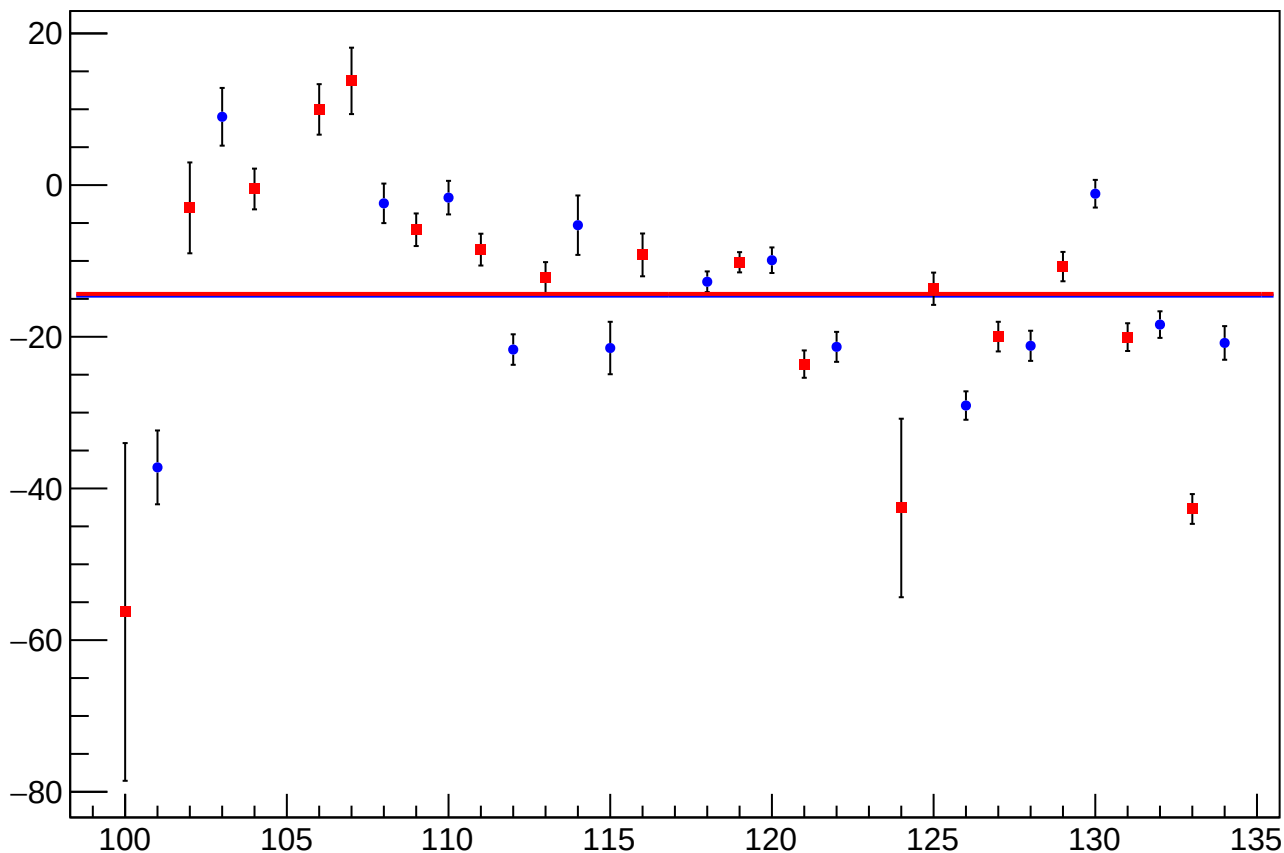
Right: -57.318 ± 0.376 $\chi^2/\text{NDF}: 3514.6/31$

In: -60.027 ± 0.537 $\chi^2/\text{NDF}: 1186.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -57.318 ± 0.376 $\chi^2/\text{NDF}: 3514.6/31$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.575+/-0.545 χ^2/NDF : 296.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.348+/-0.551 χ^2/NDF : 427.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

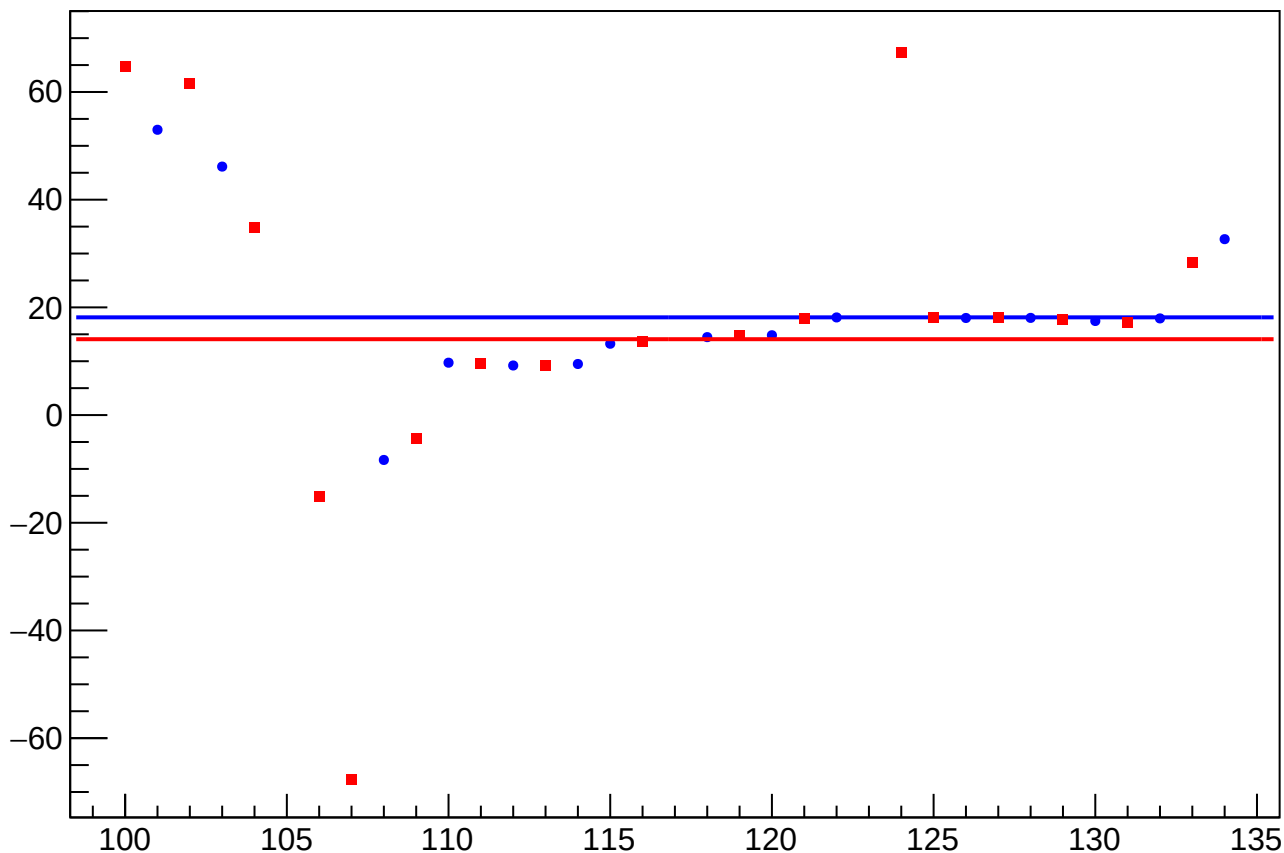
Right: -14.463+/-0.387 χ^2/NDF : 724.5/31

In: -14.575+/-0.545 χ^2/NDF : 296.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.463+/-0.387 χ^2/NDF : 724.5/31

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 18.149+/-0.036 χ^2/NDF : 224108.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.090+/-0.037 χ^2/NDF : 360774.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

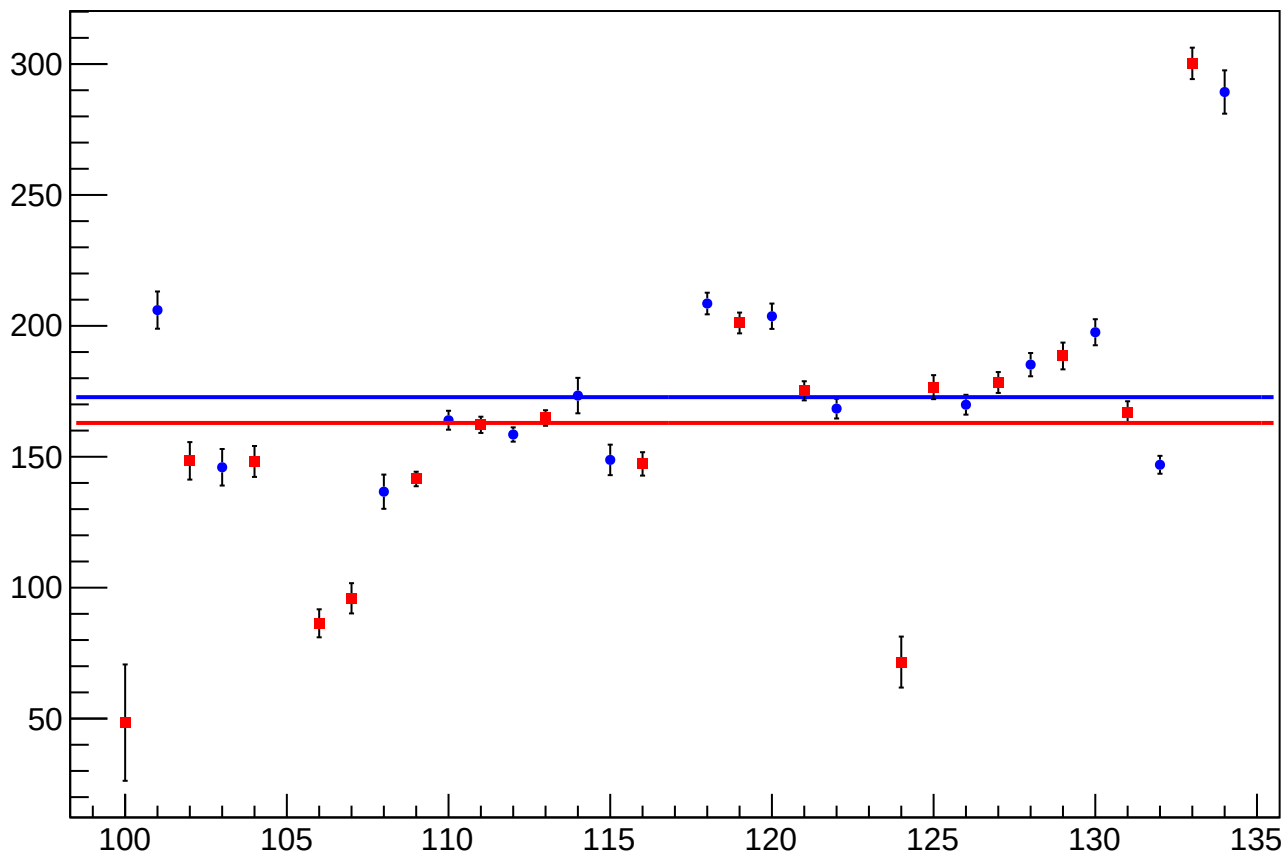
Right: 16.197+/-0.026 χ^2/NDF : 591109.4/31

In: 18.149+/-0.036 χ^2/NDF : 224108.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.197+/-0.026 χ^2/NDF : 591109.4/31

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.921+/-1.055 χ^2/NDF : 1213.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

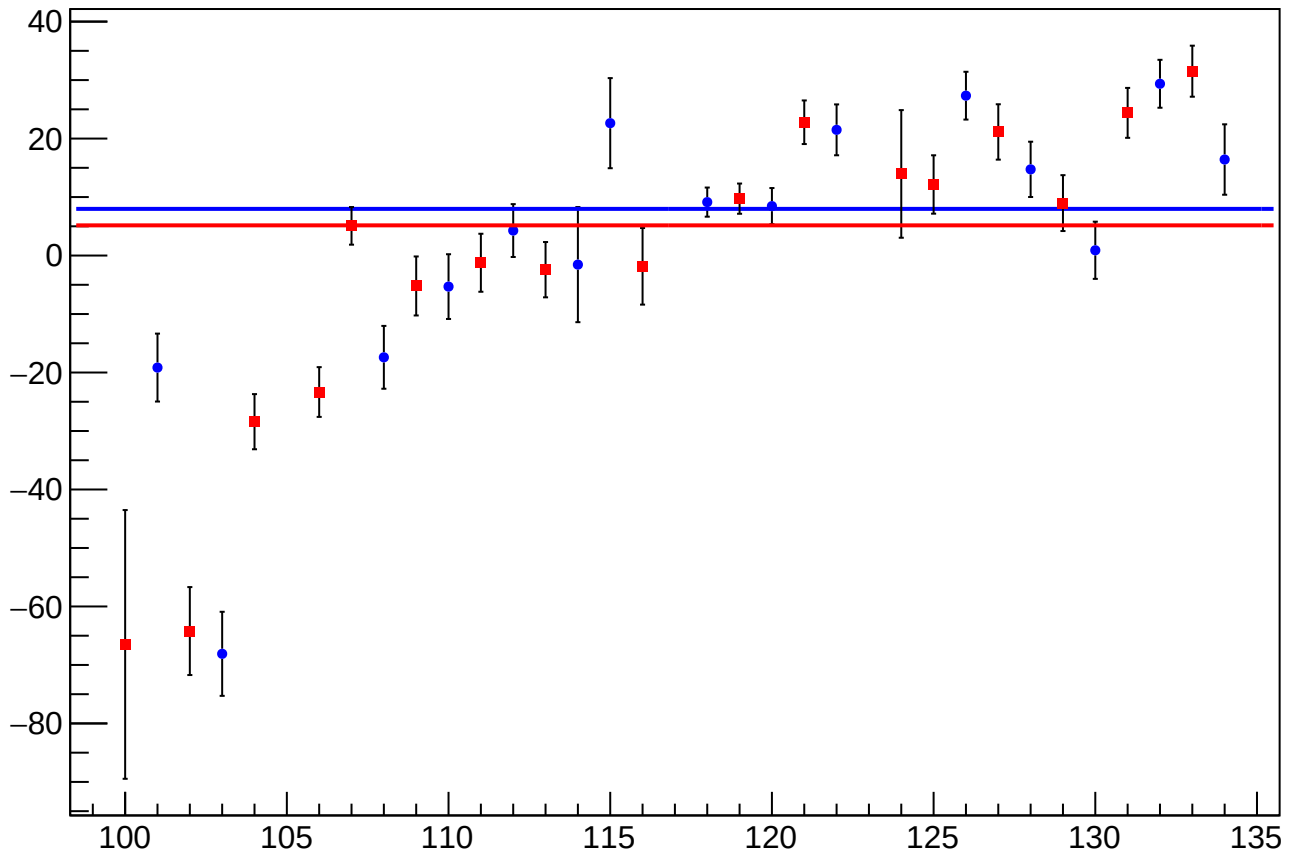
Right: 167.430+/-0.777 χ^2/NDF : 1777.1/31

In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.430+/-0.777 χ^2/NDF : 1777.1/31

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.979+/-1.159 χ^2/NDF : 232.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.162+/-1.097 χ^2/NDF : 296.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

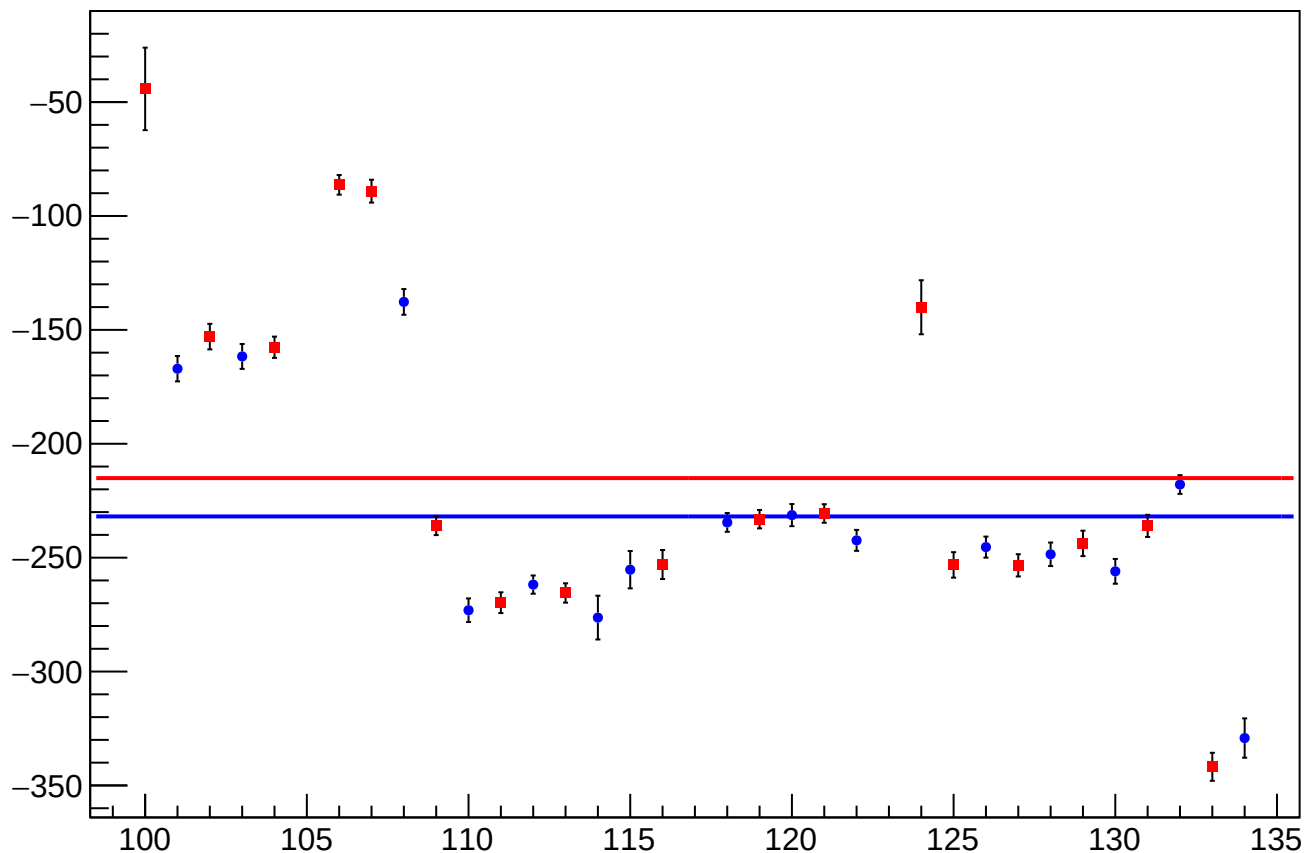
Right: 6.494+/-0.797 χ^2/NDF : 532.9/31

In: 7.979+/-1.159 χ^2/NDF :232.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.494+/-0.797 χ^2/NDF : 532.9/31

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.069+/-1.227 χ^2/NDF : 2883.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

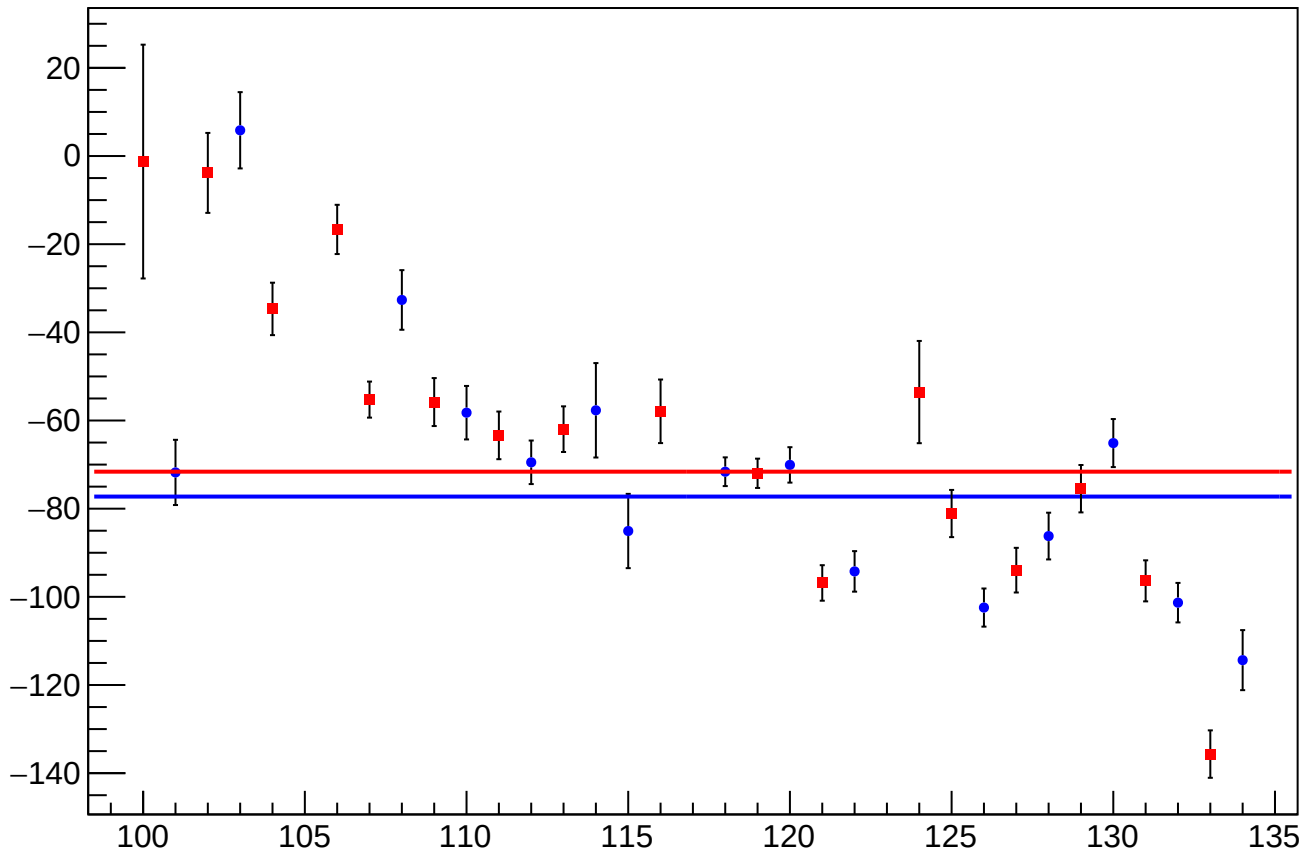
Right: -222.786+/-0.903 χ^2/NDF : 3880.3/31

In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.786+/-0.903 χ^2/NDF : 3880.3/31

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.605+/-1.284 χ^2/NDF : 466.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

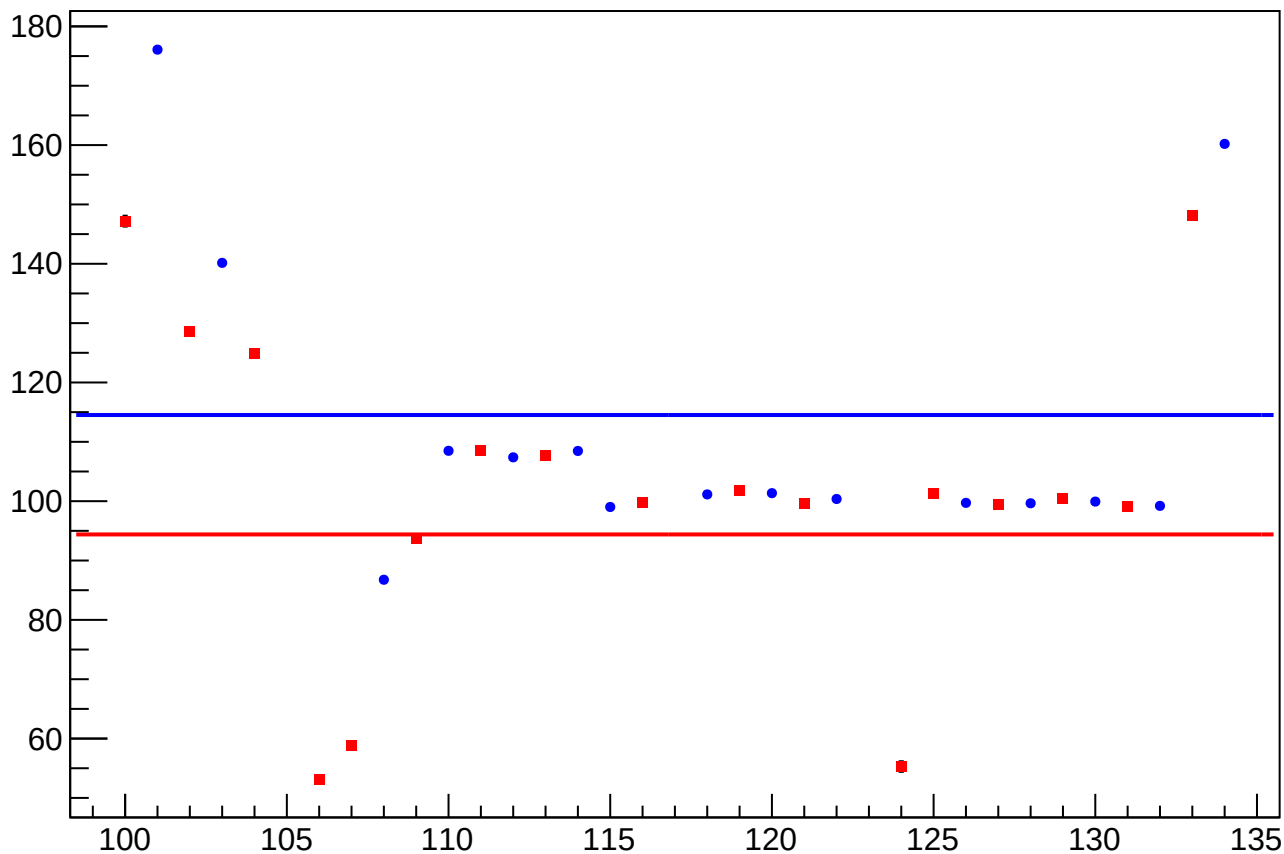
Right: -74.270+/-0.933 χ^2/NDF : 748.9/31

In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.270+/-0.933 χ^2/NDF : 748.9/31

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.396+/-0.077 χ^2/NDF : 138418.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

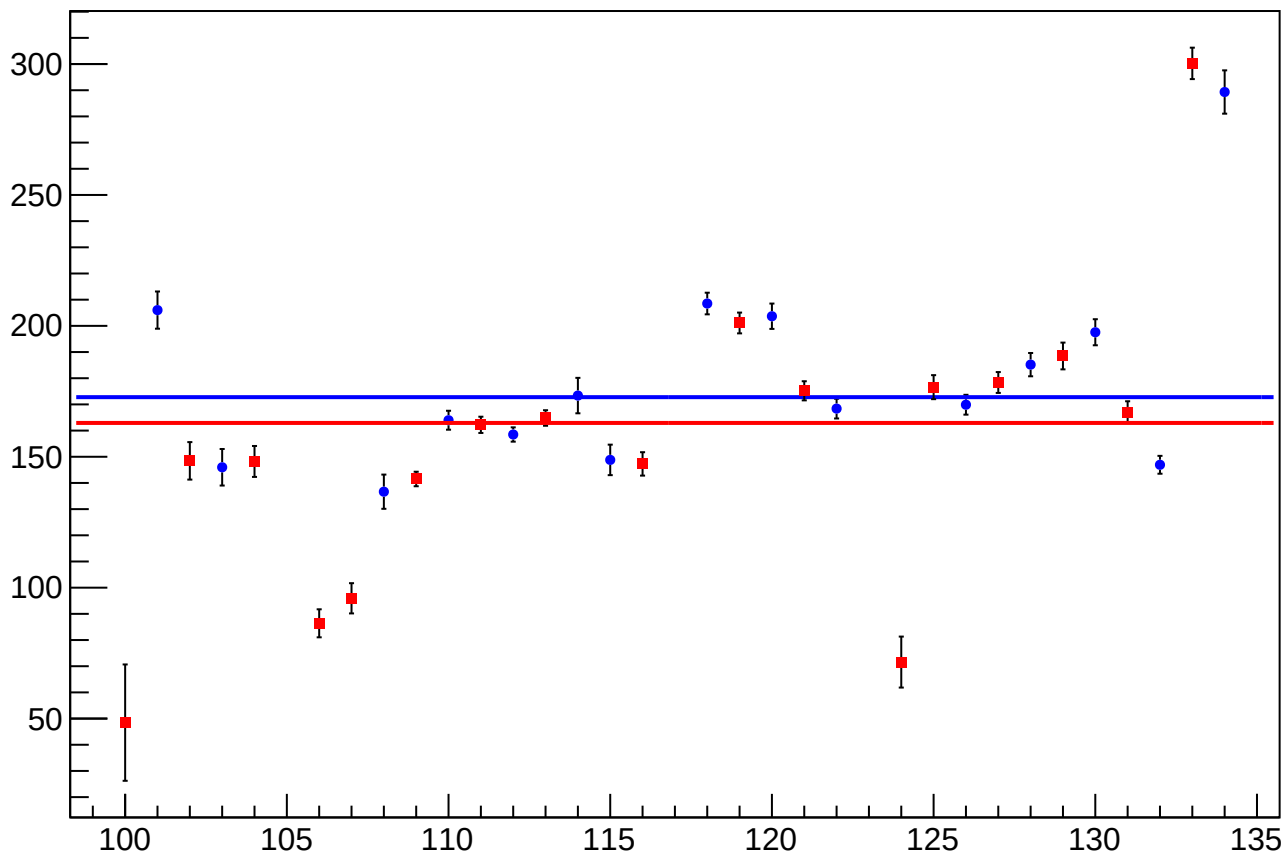
Right: 102.987+/-0.058 χ^2/NDF : 257581.3/31

In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.987+/-0.058 χ^2/NDF : 257581.3/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.921+/-1.055 χ^2/NDF : 1213.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

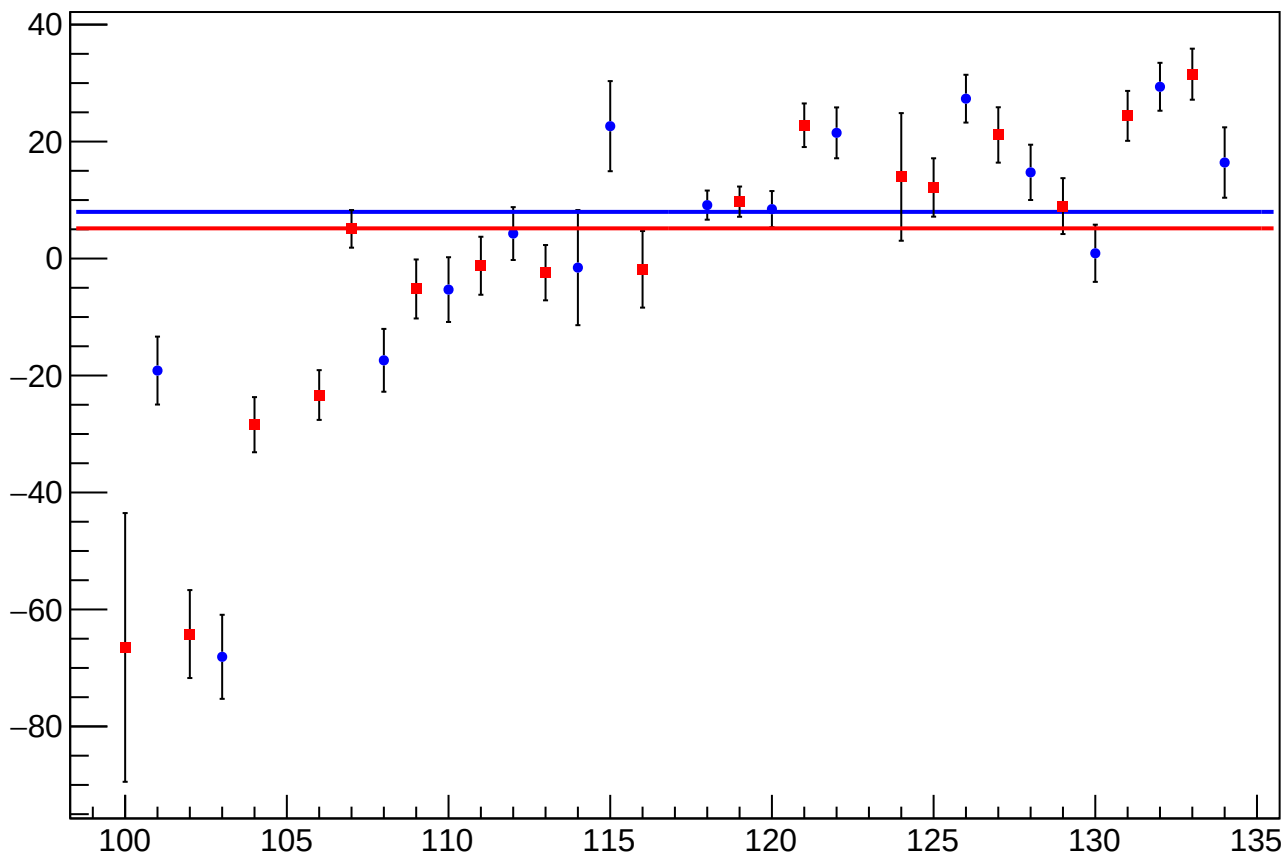
Right: 167.430+/-0.777 χ^2/NDF : 1777.1/31

In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.430+/-0.777 χ^2/NDF : 1777.1/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.979+/-1.159 χ^2/NDF : 232.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.162+/-1.097 χ^2/NDF : 296.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

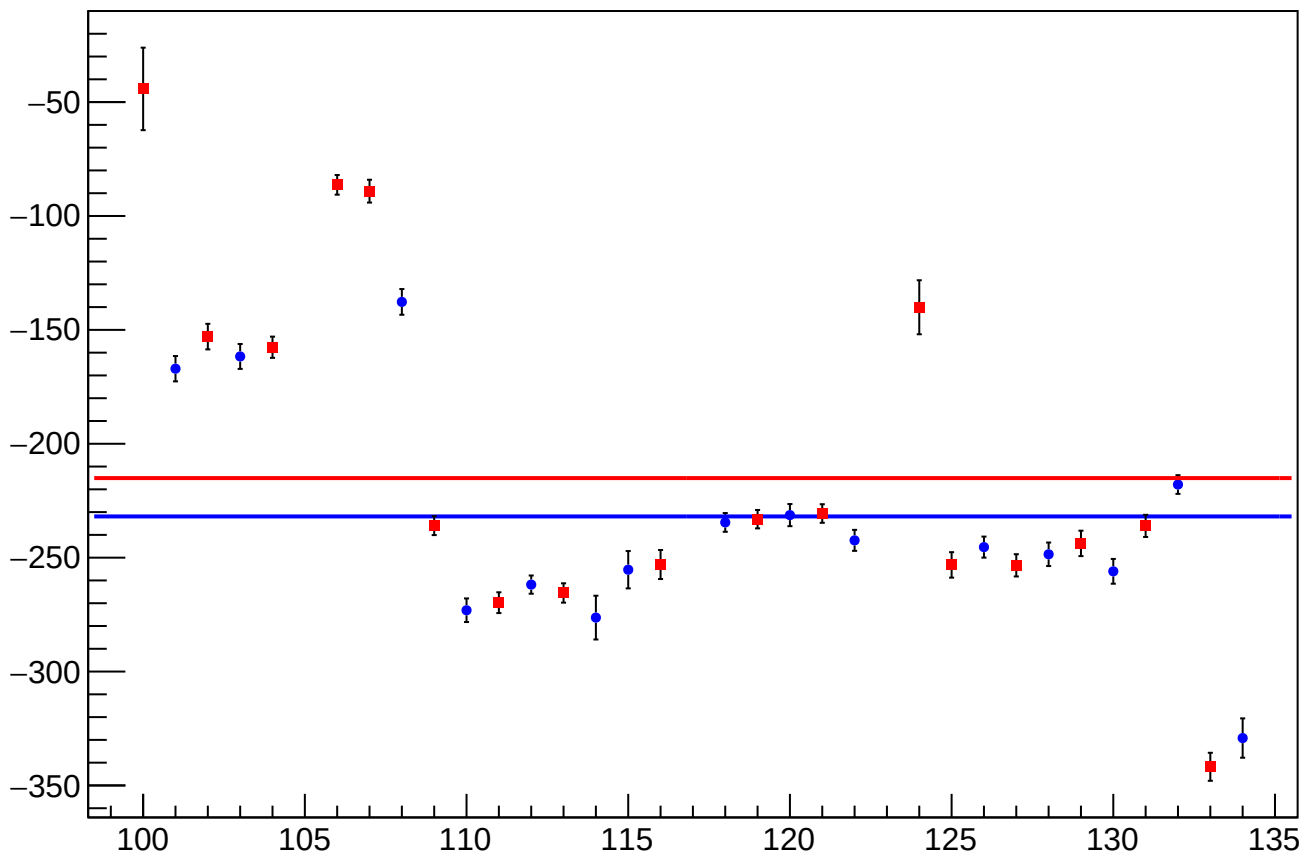
Right: 6.494+/-0.797 χ^2/NDF : 532.9/31

In: 7.979+/-1.159 χ^2/NDF :232.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.494+/-0.797 χ^2/NDF : 532.9/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.069+/-1.227 χ^2/NDF : 2883.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

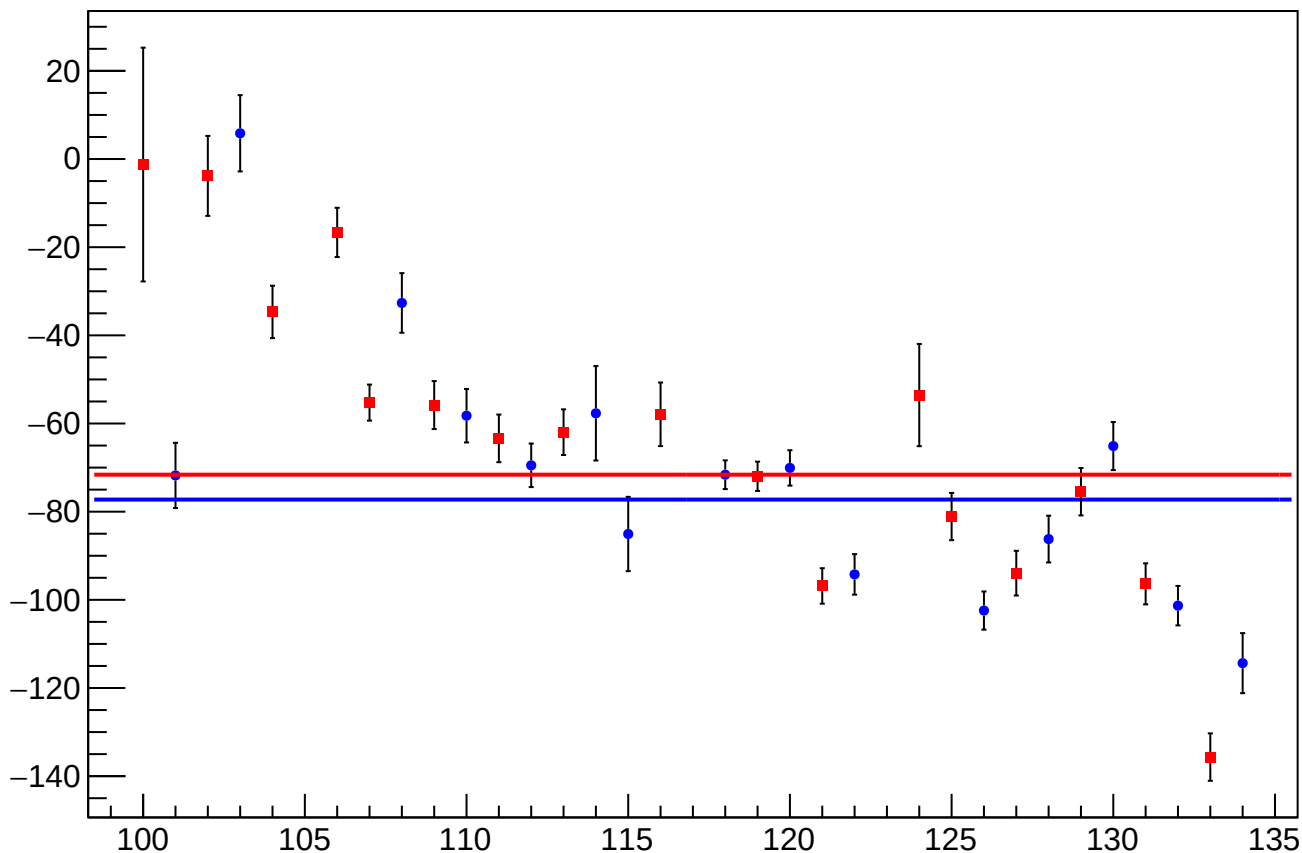
Right: -222.786+/-0.903 χ^2/NDF : 3880.3/31

In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.786+/-0.903 χ^2/NDF : 3880.3/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.605+/-1.284 χ^2/NDF : 466.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

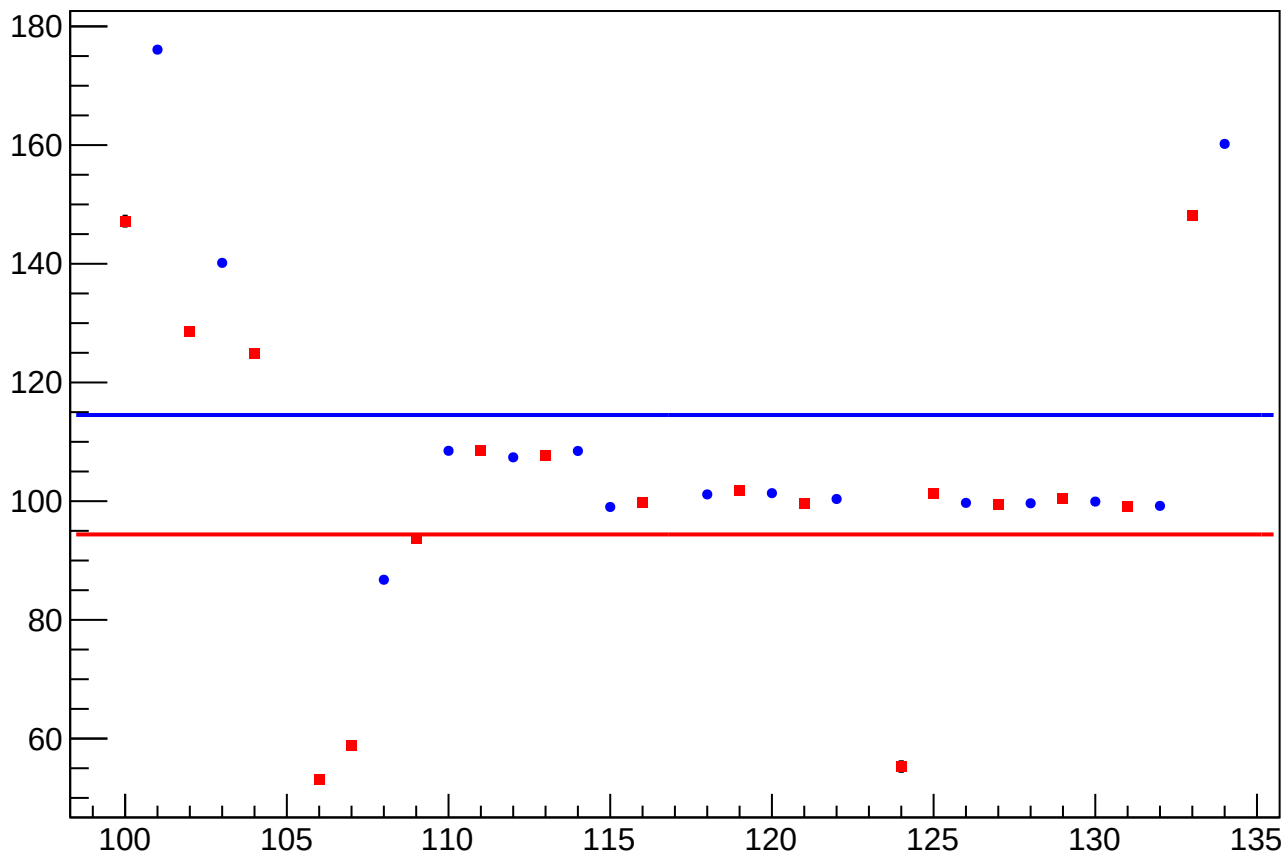
Right: -74.270+/-0.933 χ^2/NDF : 748.9/31

In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.270+/-0.933 χ^2/NDF : 748.9/31

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.396+/-0.077 χ^2/NDF : 138418.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

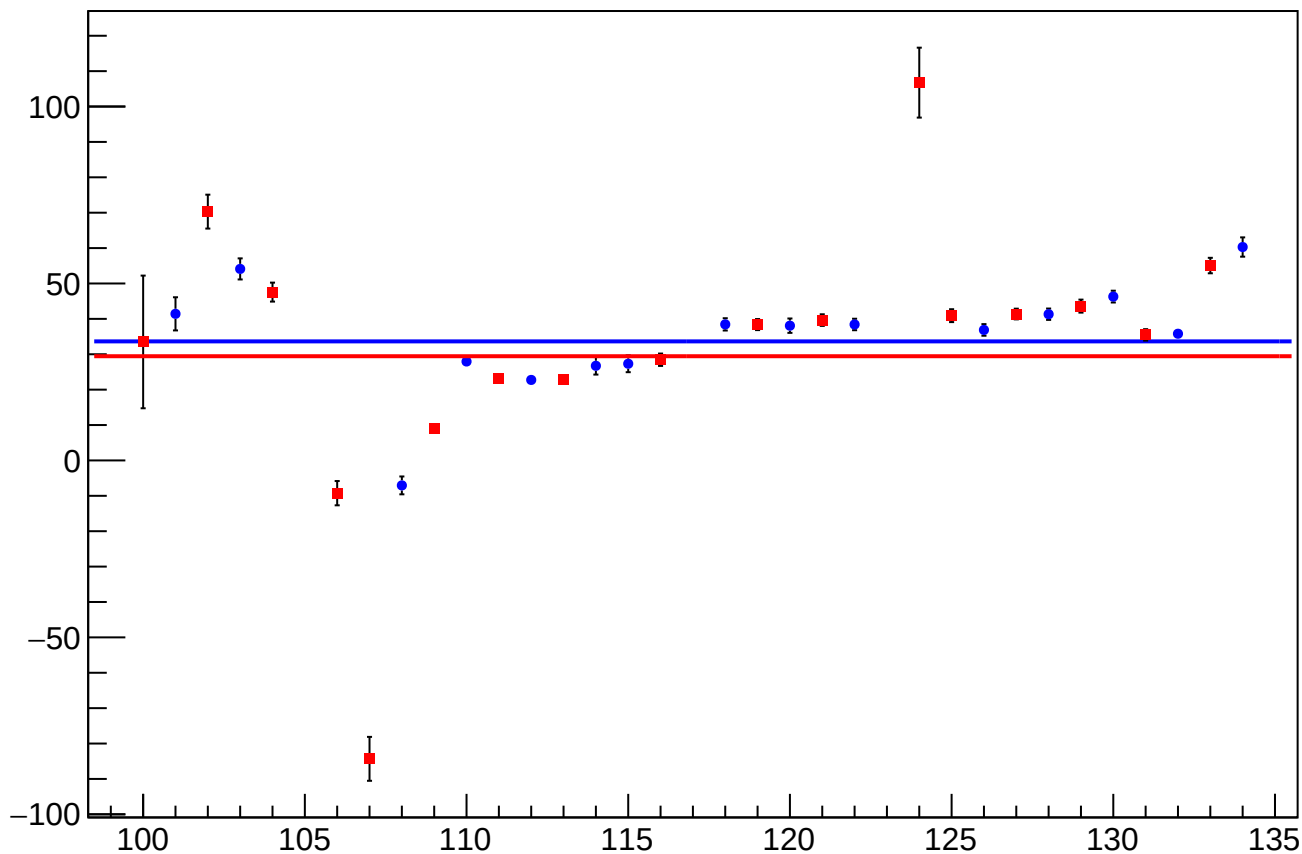
Right: 102.987+/-0.058 χ^2/NDF : 257581.3/31

In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.987+/-0.058 χ^2/NDF : 257581.3/31

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 33.639+/-0.456 χ^2/NDF : 643.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.445+/-0.434 χ^2/NDF : 1444.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

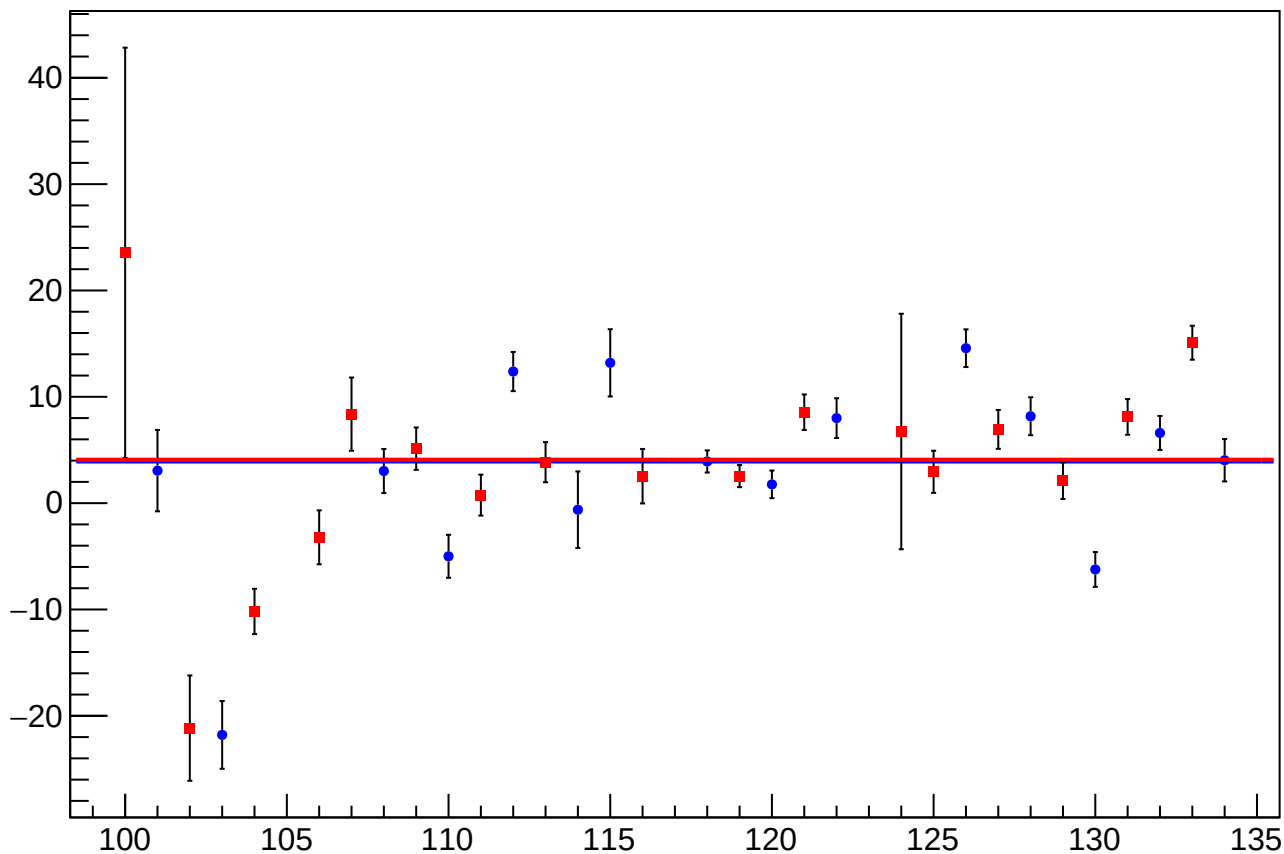
Right: 31.439+/-0.314 χ^2/NDF : 2132.3/31

In: 33.639+/-0.456 χ^2/NDF : 643.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.439+/-0.314 χ^2/NDF : 2132.3/31

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.917+/-0.468 χ^2/NDF : 206.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.089+/-0.477 χ^2/NDF : 152.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

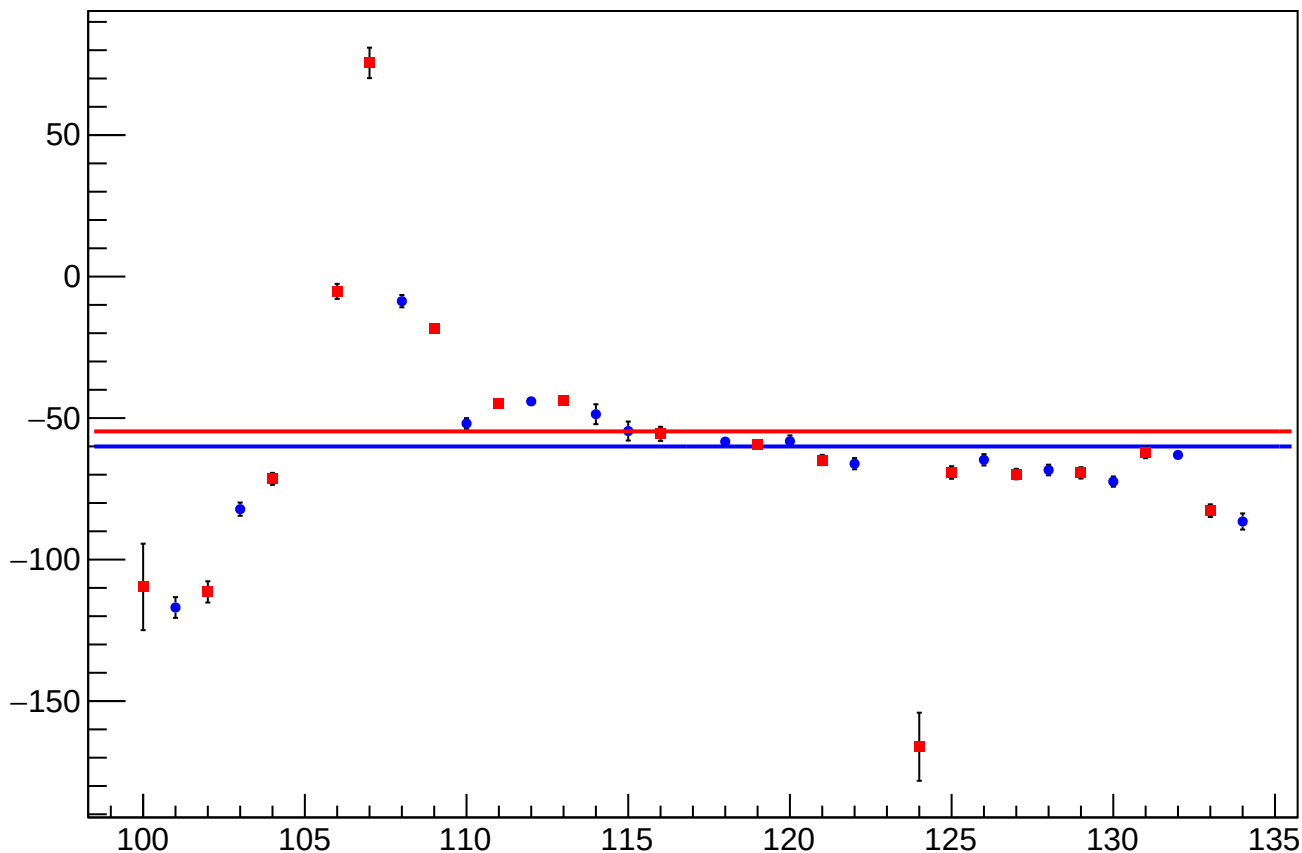
Right: 4.001+/-0.334 χ^2/NDF : 358.9/31

In: 3.917+/-0.468 χ^2/NDF : 206.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.001+/-0.334 χ^2/NDF : 358.9/31

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.027 ± 0.537 $\chi^2/\text{NDF}: 1186.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -54.703 ± 0.527 $\chi^2/\text{NDF}: 2277.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

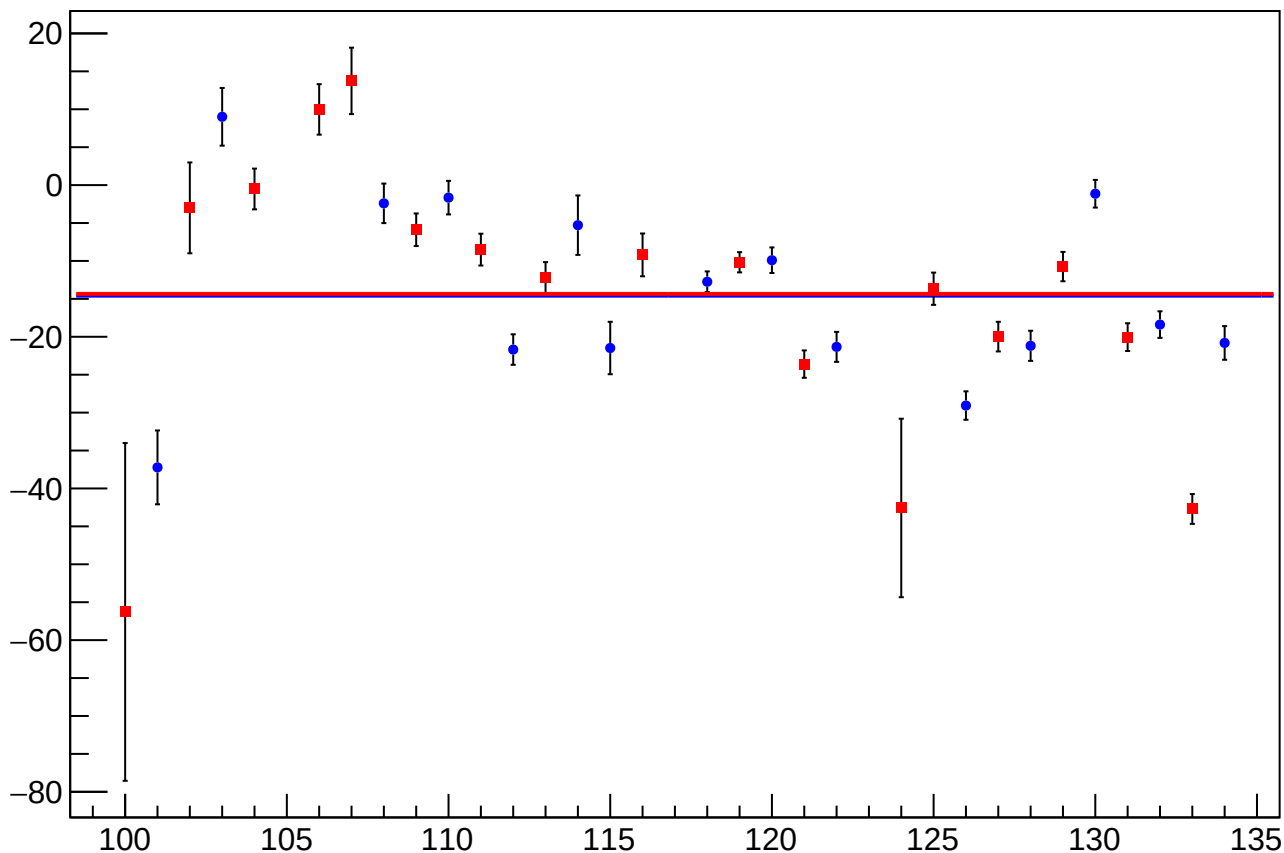
Right: -57.318 ± 0.376 $\chi^2/\text{NDF}: 3514.6/31$

In: -60.027 ± 0.537 $\chi^2/\text{NDF}: 1186.9/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -57.318 ± 0.376 $\chi^2/\text{NDF}: 3514.6/31$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.575 ± 0.545 χ^2/NDF : 296.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.348 ± 0.551 χ^2/NDF : 427.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

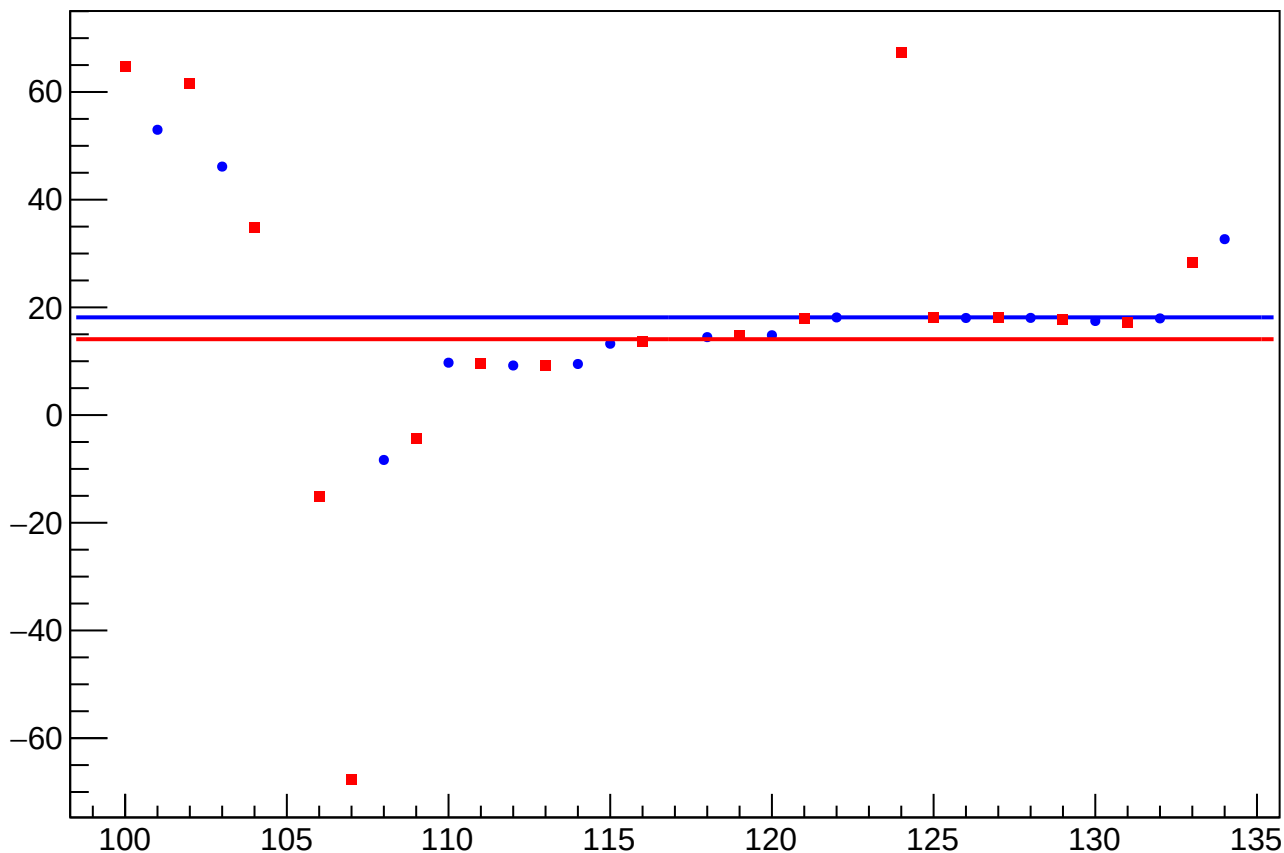
Right: -14.463 ± 0.387 χ^2/NDF : 724.5/31

In: -14.575 ± 0.545 χ^2/NDF : 296.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.463 ± 0.387 χ^2/NDF : 724.5/31

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 18.149+/-0.036 χ^2/NDF : 224108.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.090+/-0.037 χ^2/NDF : 360774.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

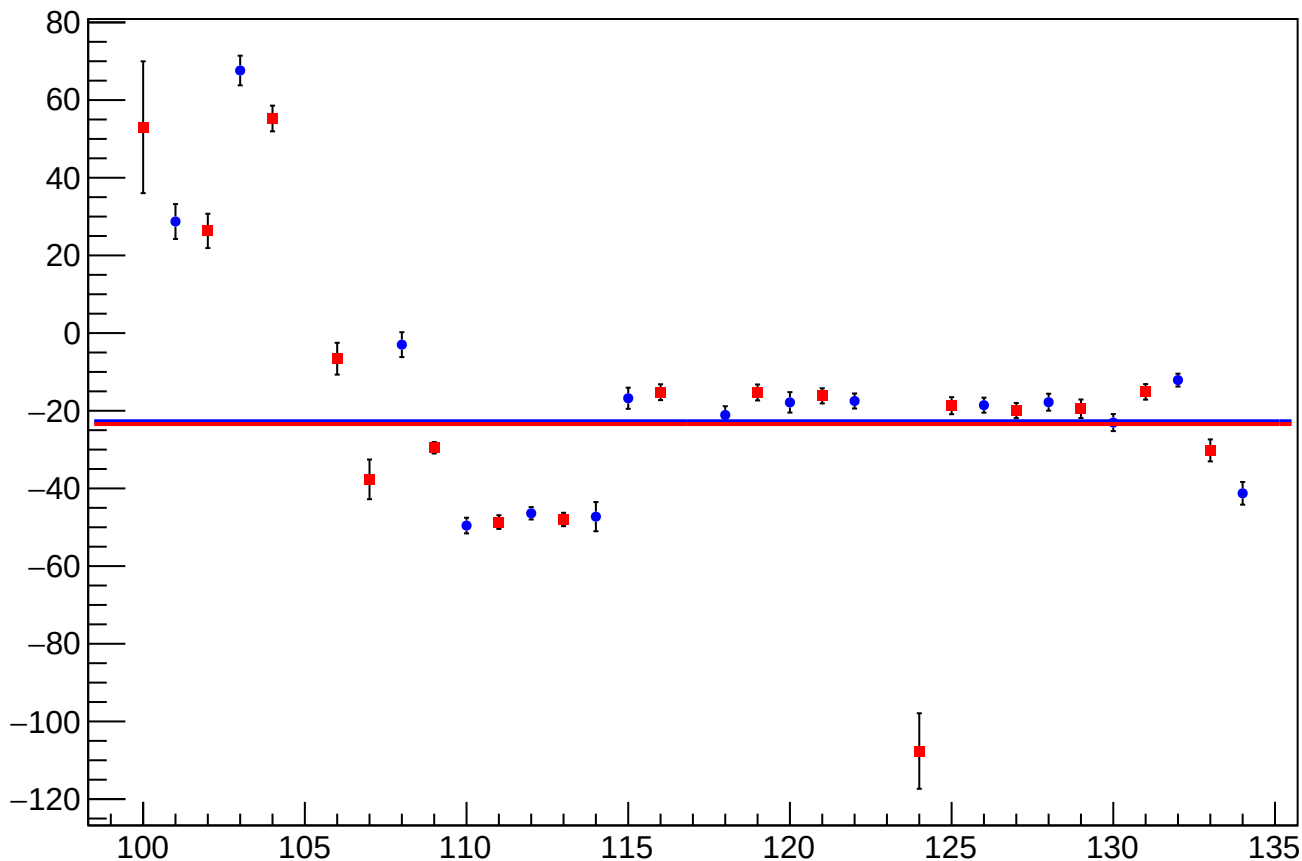
Right: 16.197+/-0.026 χ^2/NDF : 591109.4/31

In: 18.149+/-0.036 χ^2/NDF : 224108.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.197+/-0.026 χ^2/NDF : 591109.4/31

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.707+/-0.594 χ^2/NDF : 1275.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.422+/-0.565 χ^2/NDF : 1316.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

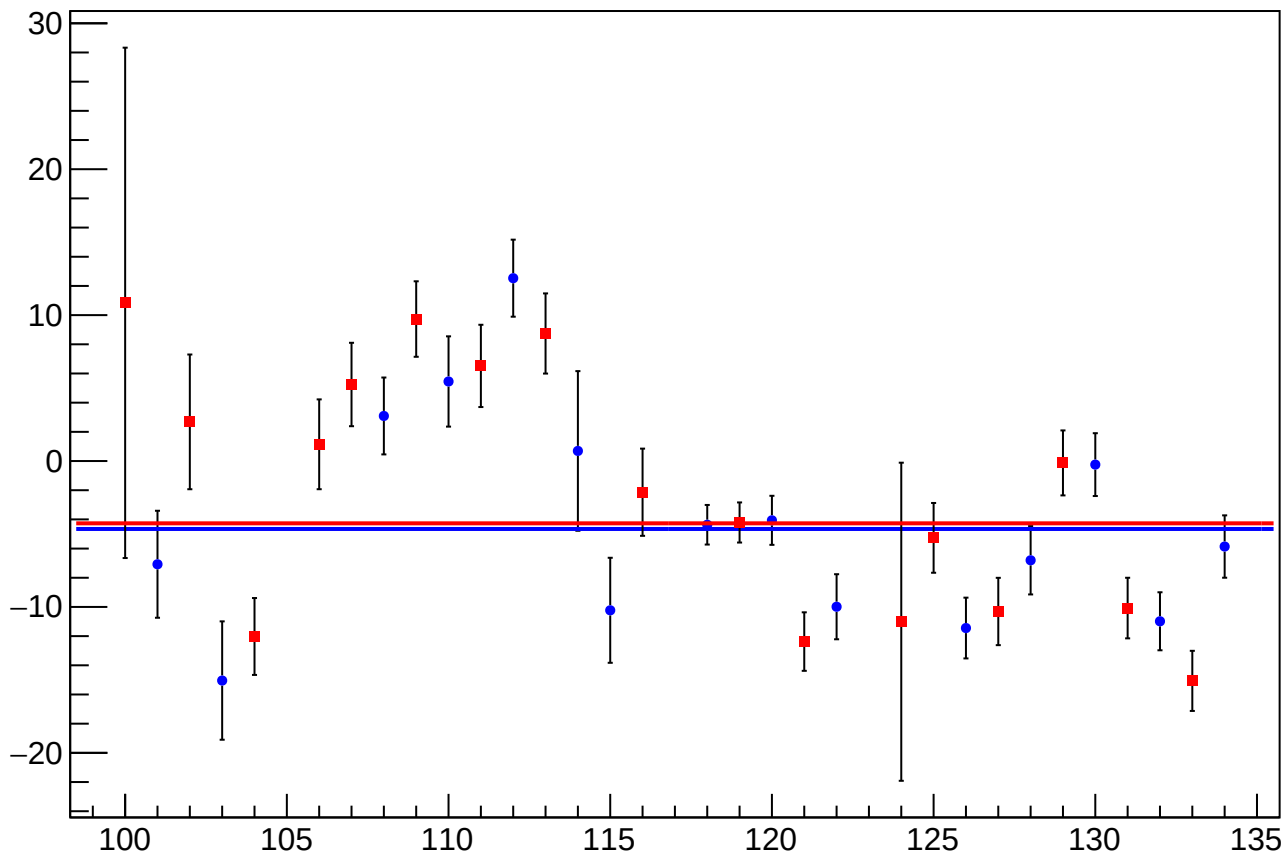
Right: -23.083+/-0.409 χ^2/NDF : 2592.3/31

In: -22.707+/-0.594 χ^2/NDF : 1275.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.083+/-0.409 χ^2/NDF : 2592.3/31

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.656+/-0.594 χ^2/NDF : 104.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.270+/-0.602 χ^2/NDF : 155.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

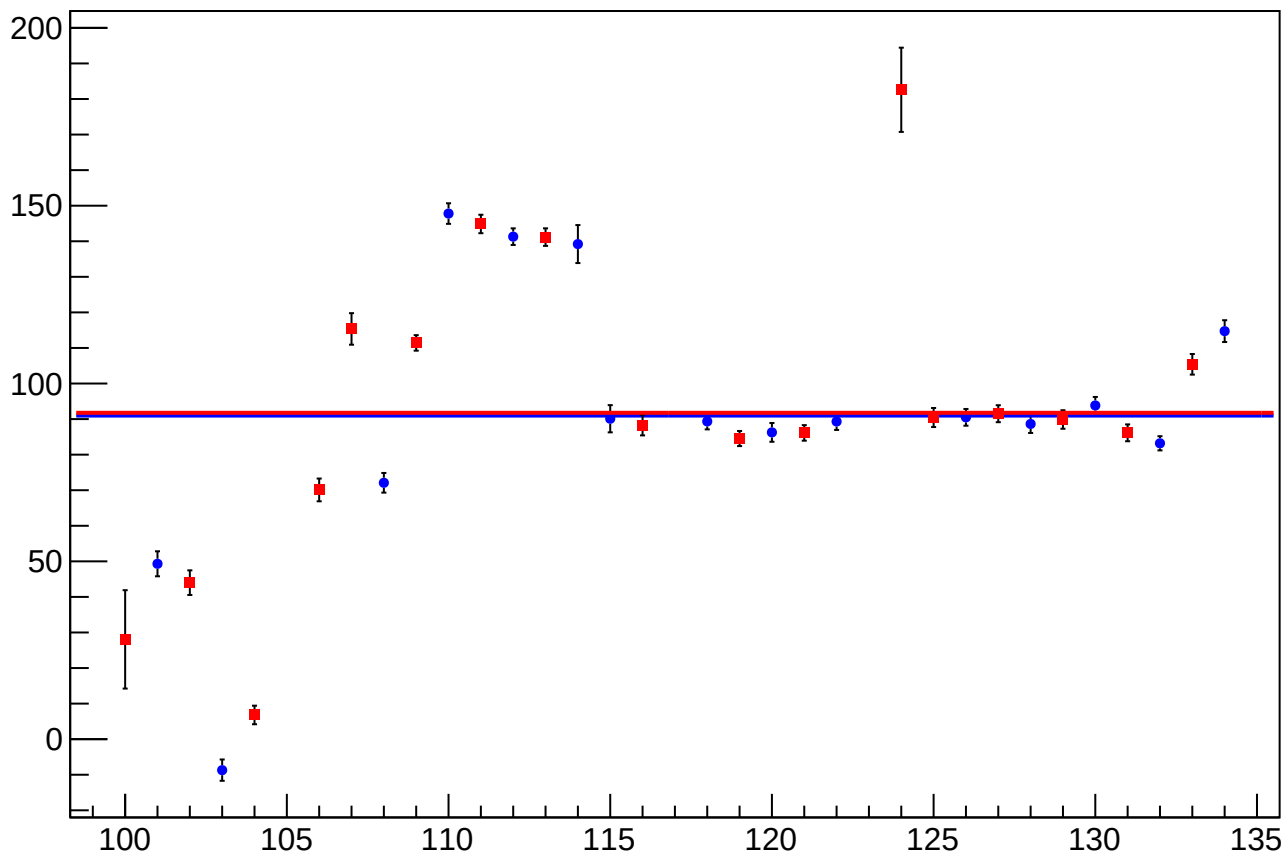
Right: -4.465+/-0.423 χ^2/NDF : 259.5/31

In: -4.656+/-0.594 χ^2/NDF :104.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.465+/-0.423 χ^2/NDF : 259.5/31

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.994+/-0.687 χ^2/NDF : 2307.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 91.767+/-0.671 χ^2/NDF : 2353.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

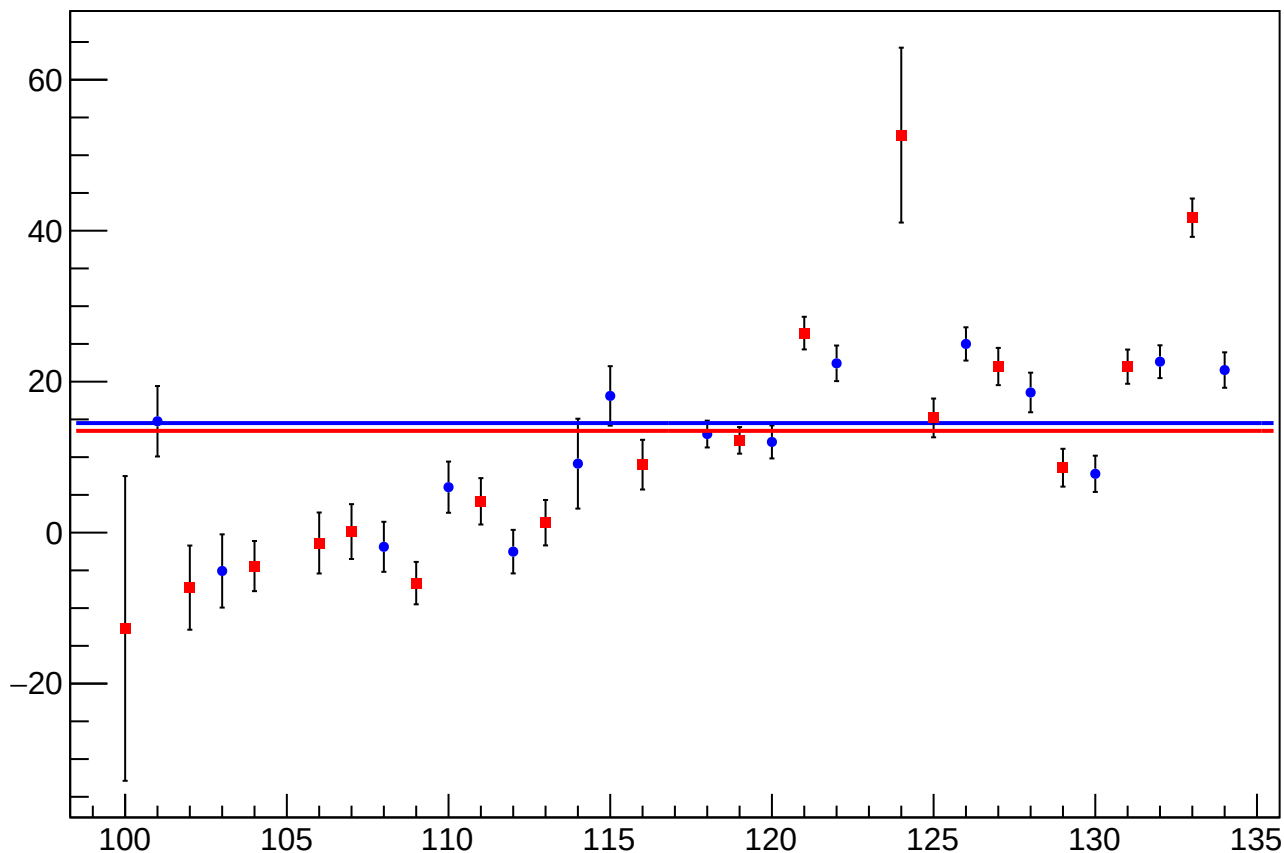
Right: 91.390+/-0.480 χ^2/NDF : 4661.2/31

In: 90.994+/-0.687 χ^2/NDF :2307.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.390+/-0.480 χ^2/NDF : 4661.2/31

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.512 $\pm$ 0.690 χ^2 /NDF: 152.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.481 $\pm$ 0.696 χ^2 /NDF: 352.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

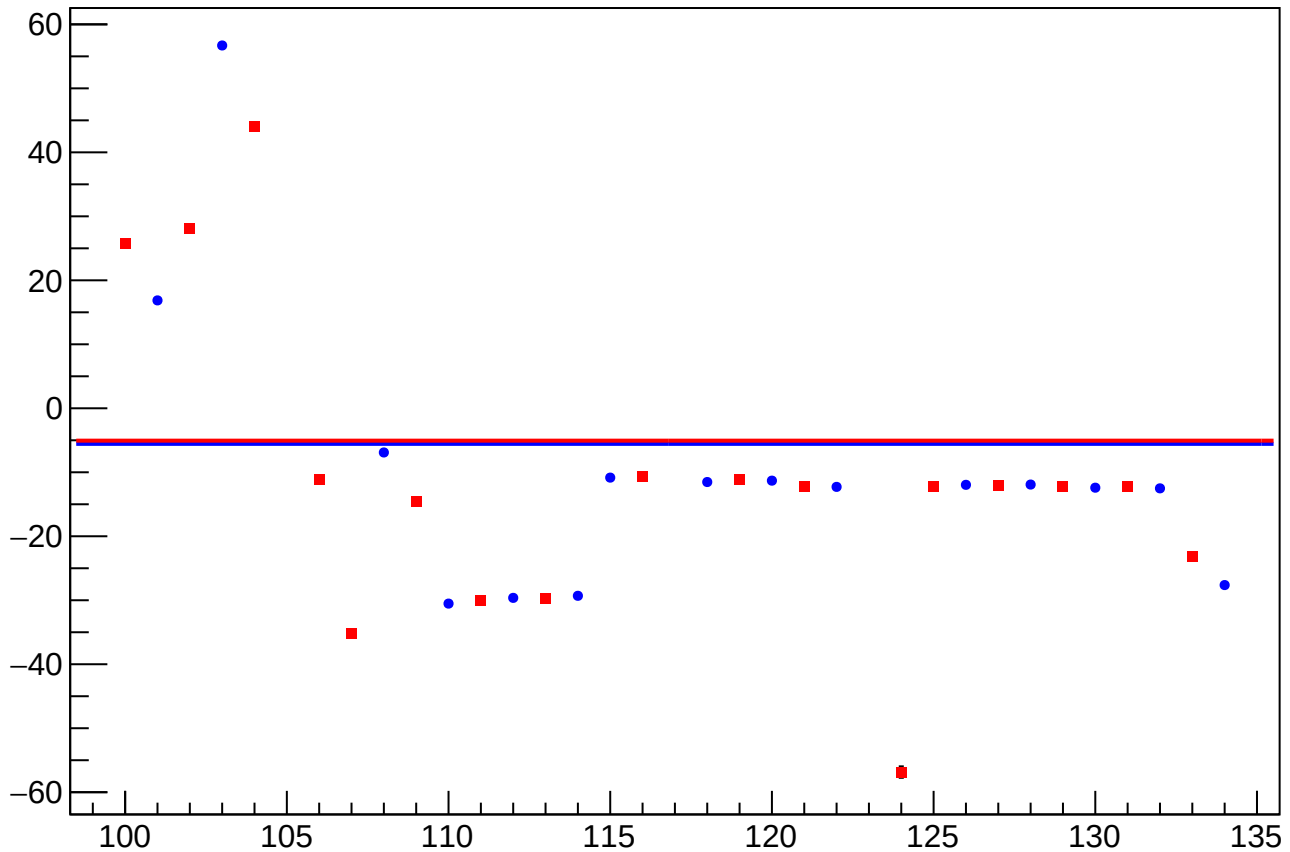
Right: 14.001 $\pm$ 0.490 χ^2 /NDF: 506.1/31

In: 14.512 $\pm$ 0.690 χ^2 /NDF:152.6/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.001 $\pm$ 0.490 χ^2 /NDF: 506.1/31

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.559+/-0.044 χ^2/NDF : 334135.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.058+/-0.045 χ^2/NDF : 287021.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

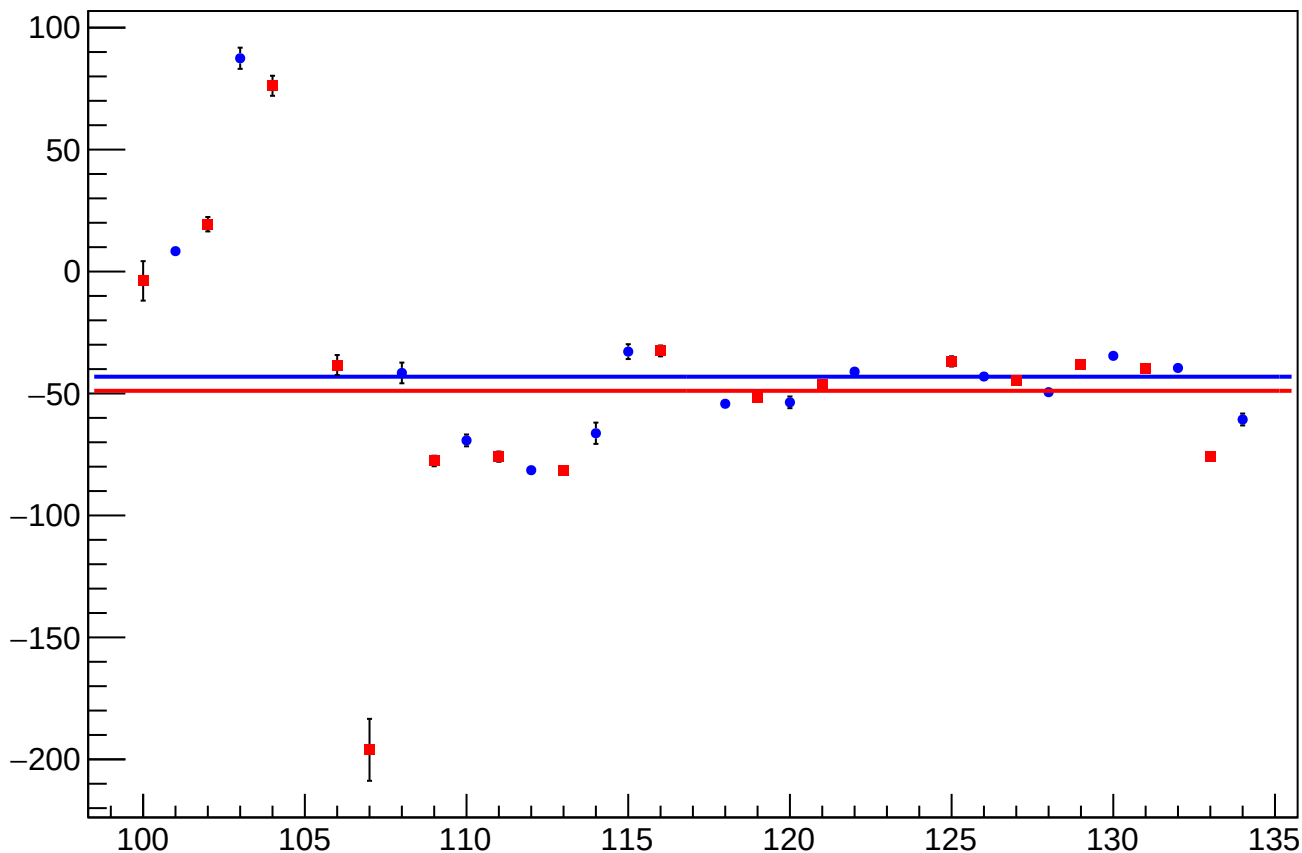
Right: -5.314+/-0.032 χ^2/NDF : 621219.6/31

In: -5.559+/-0.044 χ^2/NDF : 334135.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.314+/-0.032 χ^2/NDF : 621219.6/31

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -43.111+/-0.568 χ^2/NDF : 2261.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.898+/-0.568 χ^2/NDF : 2600.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

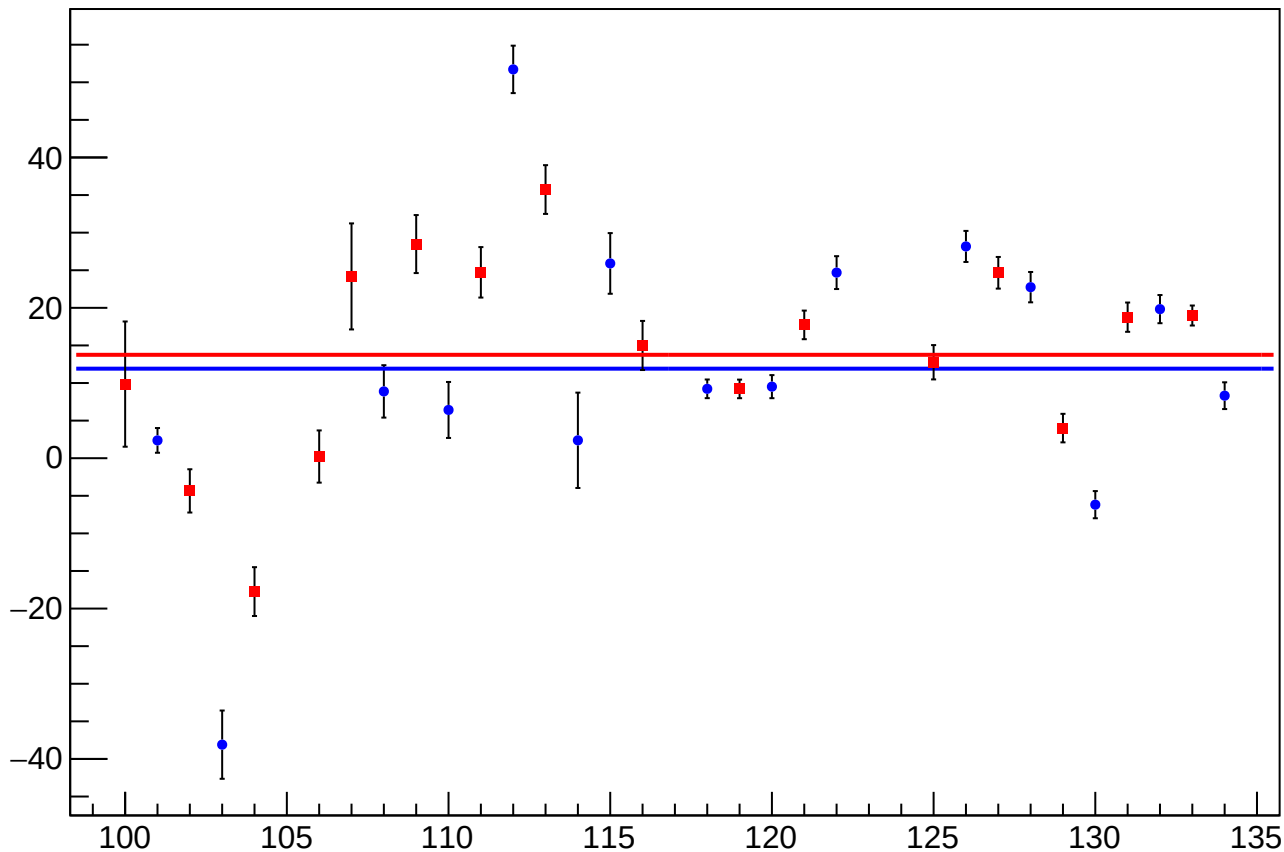
Right: -46.002+/-0.402 χ^2/NDF : 4913.7/30

In: -43.111+/-0.568 χ^2/NDF : 2261.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.002+/-0.402 χ^2/NDF : 4913.7/30

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.909+/-0.540 χ^2/NDF : 585.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.752+/-0.565 χ^2/NDF : 315.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

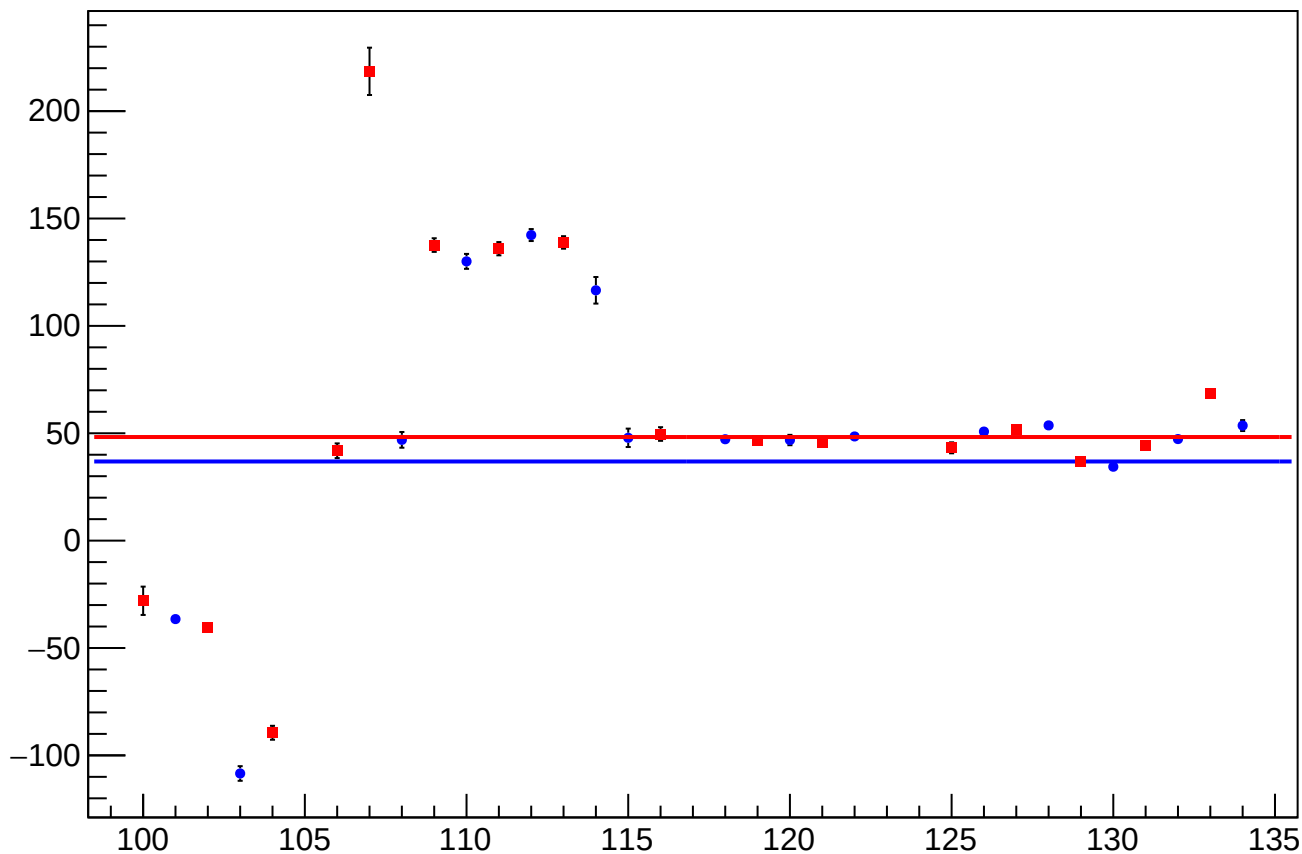
Right: 12.789+/-0.390 χ^2/NDF : 906.9/30

In: 11.909+/-0.540 χ^2/NDF : 585.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.789+/-0.390 χ^2/NDF : 906.9/30

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.855+/-0.627 χ^2/NDF : 6566.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.245+/-0.647 χ^2/NDF : 6366.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

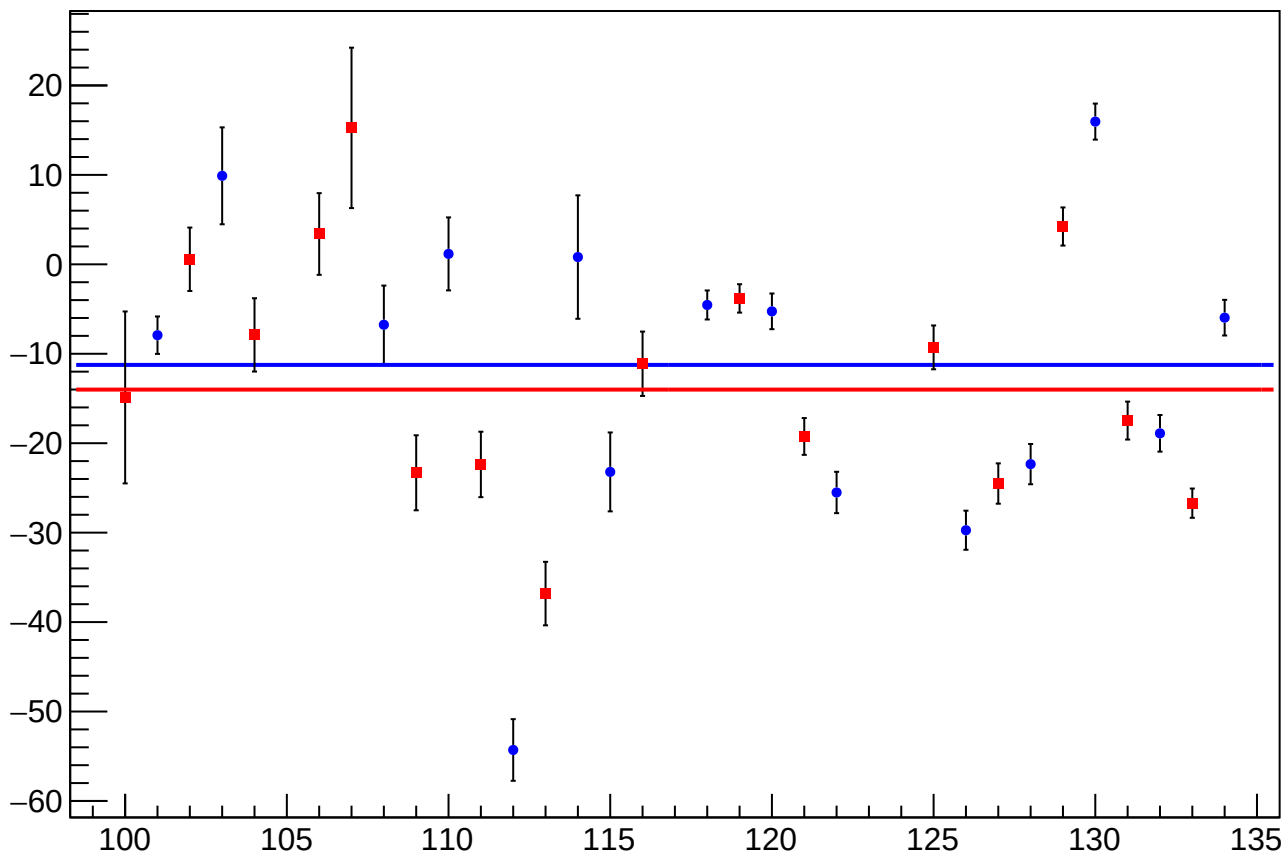
Right: 42.374+/-0.450 χ^2/NDF : 13093.4/30

In: 36.855+/-0.627 χ^2/NDF : 6566.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.374+/-0.450 χ^2/NDF : 13093.4/30

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.245 ± 0.633 χ^2/NDF : 557.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.006 ± 0.658 χ^2/NDF : 305.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

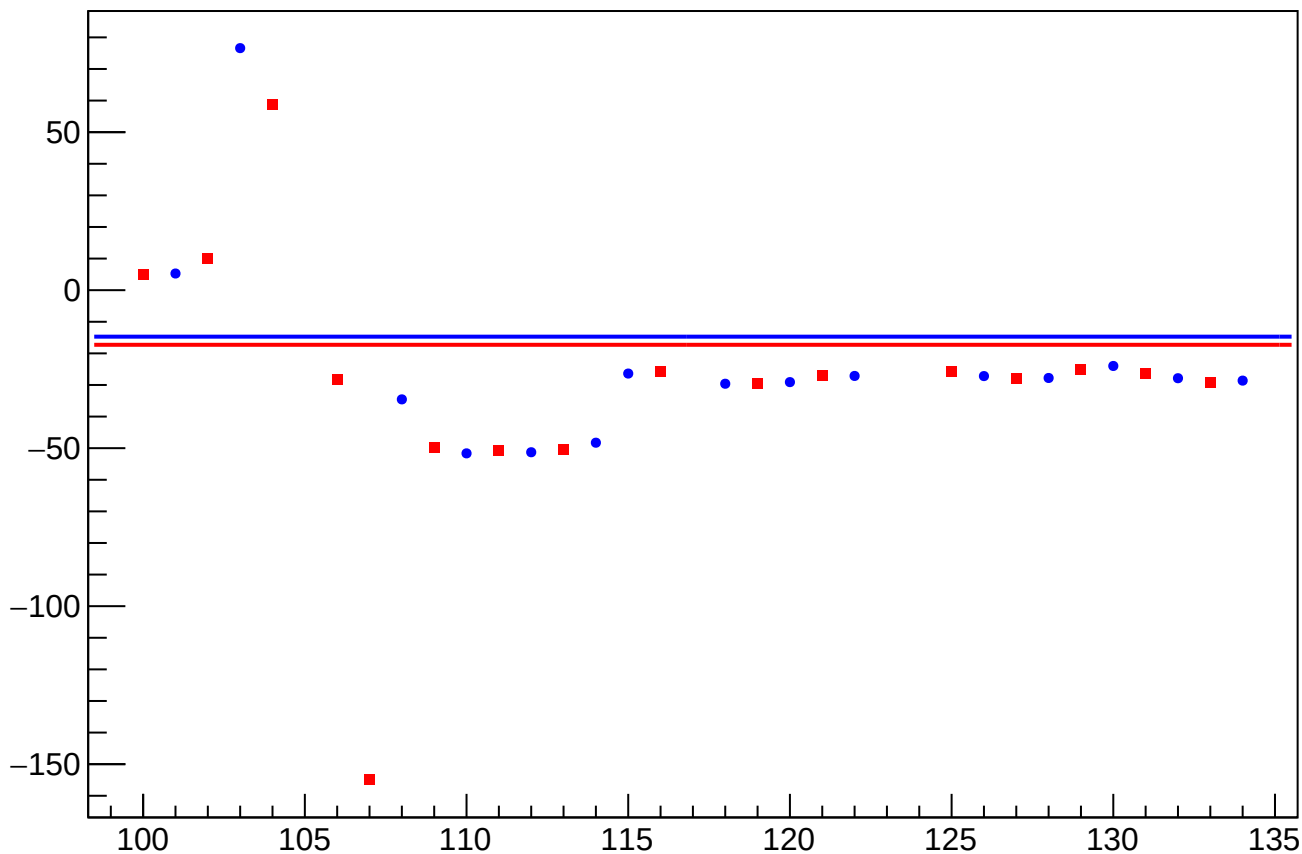
Right: -12.573 ± 0.456 χ^2/NDF : 872.4/30

In: -11.245 ± 0.633 χ^2/NDF : 557.8/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.573 ± 0.456 χ^2/NDF : 872.4/30

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.711+/-0.041 χ^2/NDF : 583444.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.287+/-0.044 χ^2/NDF : 500442.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

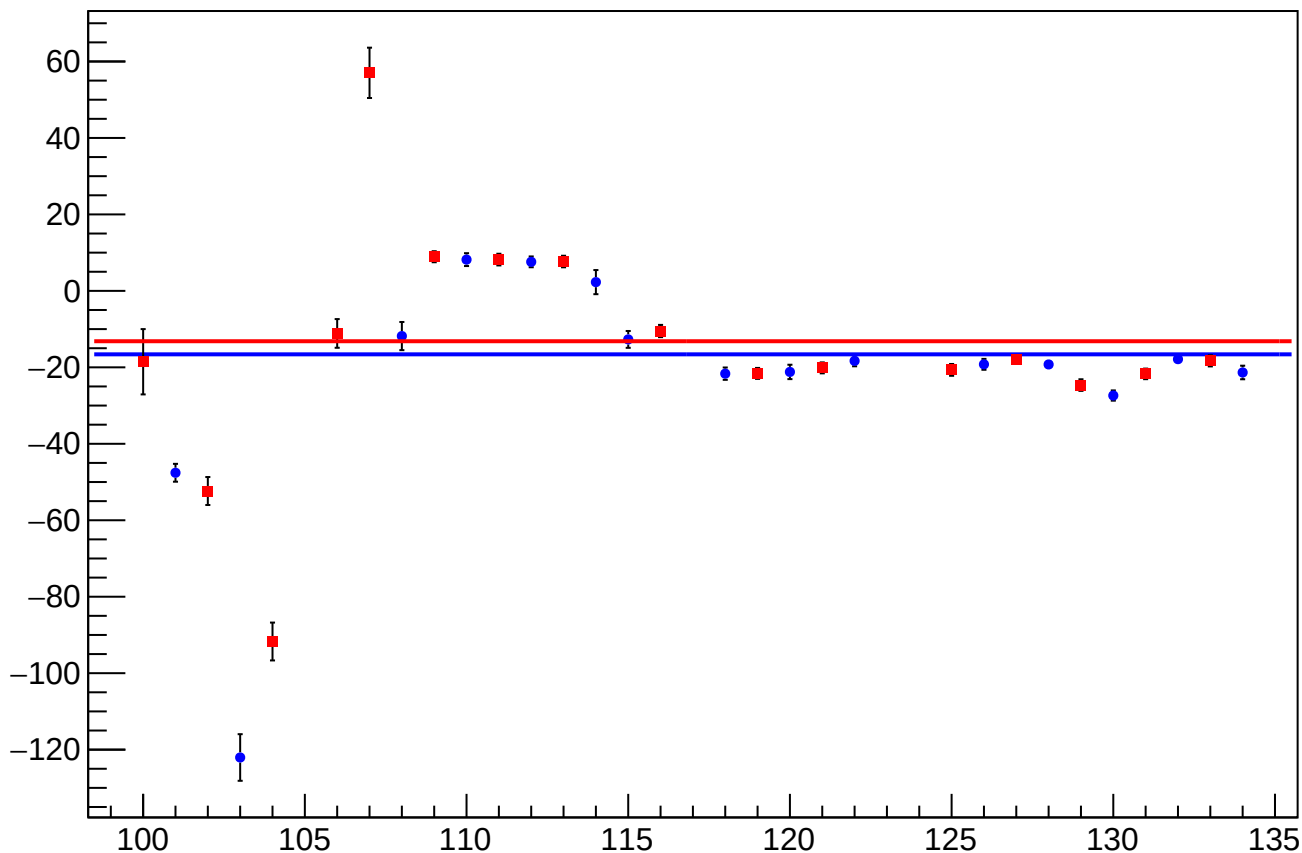
Right: -15.909+/-0.030 χ^2/NDF : 1085715.6/30

In: -14.711+/-0.041 χ^2/NDF : 583444.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.909+/-0.030 χ^2/NDF : 1085715.6/30

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.600 ± 0.433 $\chi^2/\text{NDF}: 1123.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.172 ± 0.430 $\chi^2/\text{NDF}: 1307.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

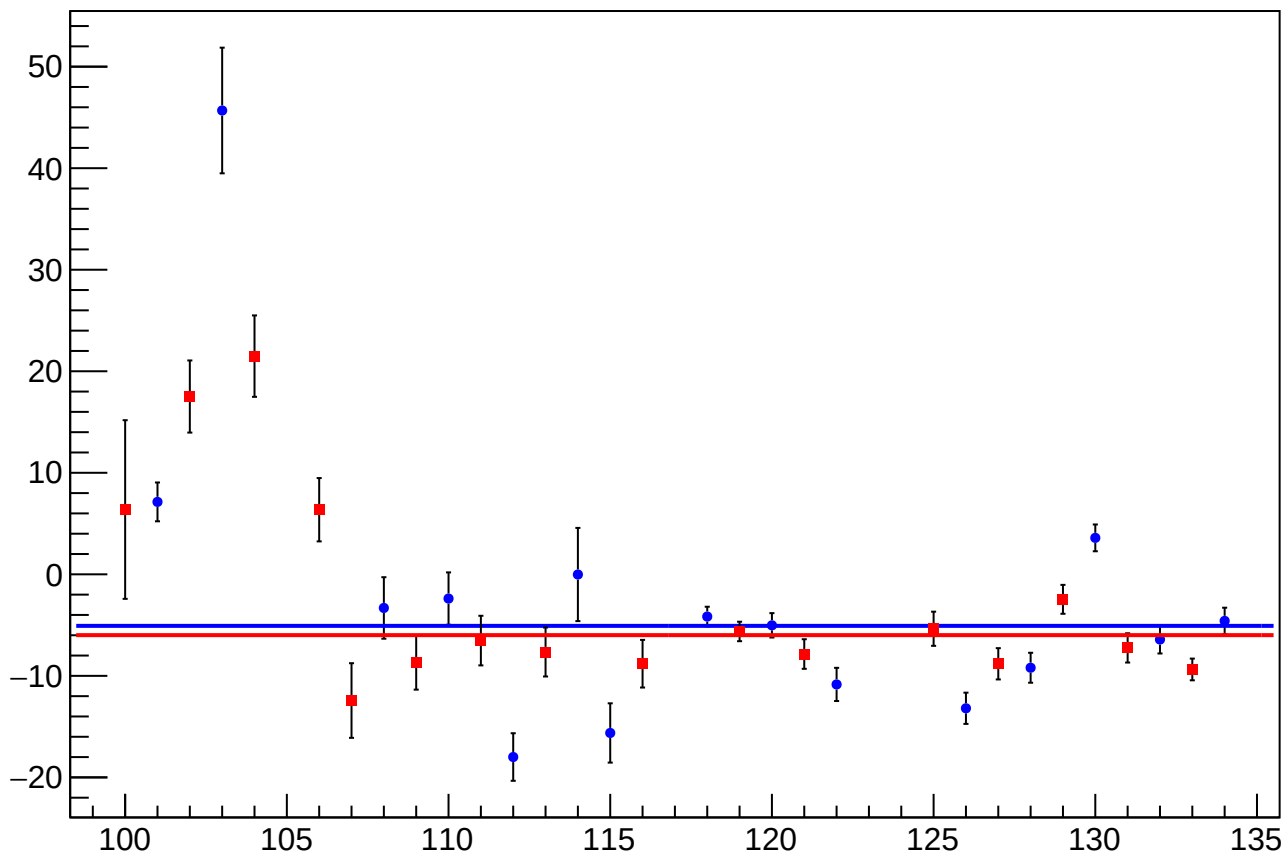
Right: -14.874 ± 0.305 $\chi^2/\text{NDF}: 2462.3/30$

In: -16.600 ± 0.433 $\chi^2/\text{NDF}: 1123.3/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.874 ± 0.305 $\chi^2/\text{NDF}: 2462.3/30$

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.076+/-0.422 χ^2/NDF : 247.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.990+/-0.440 χ^2/NDF : 136.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

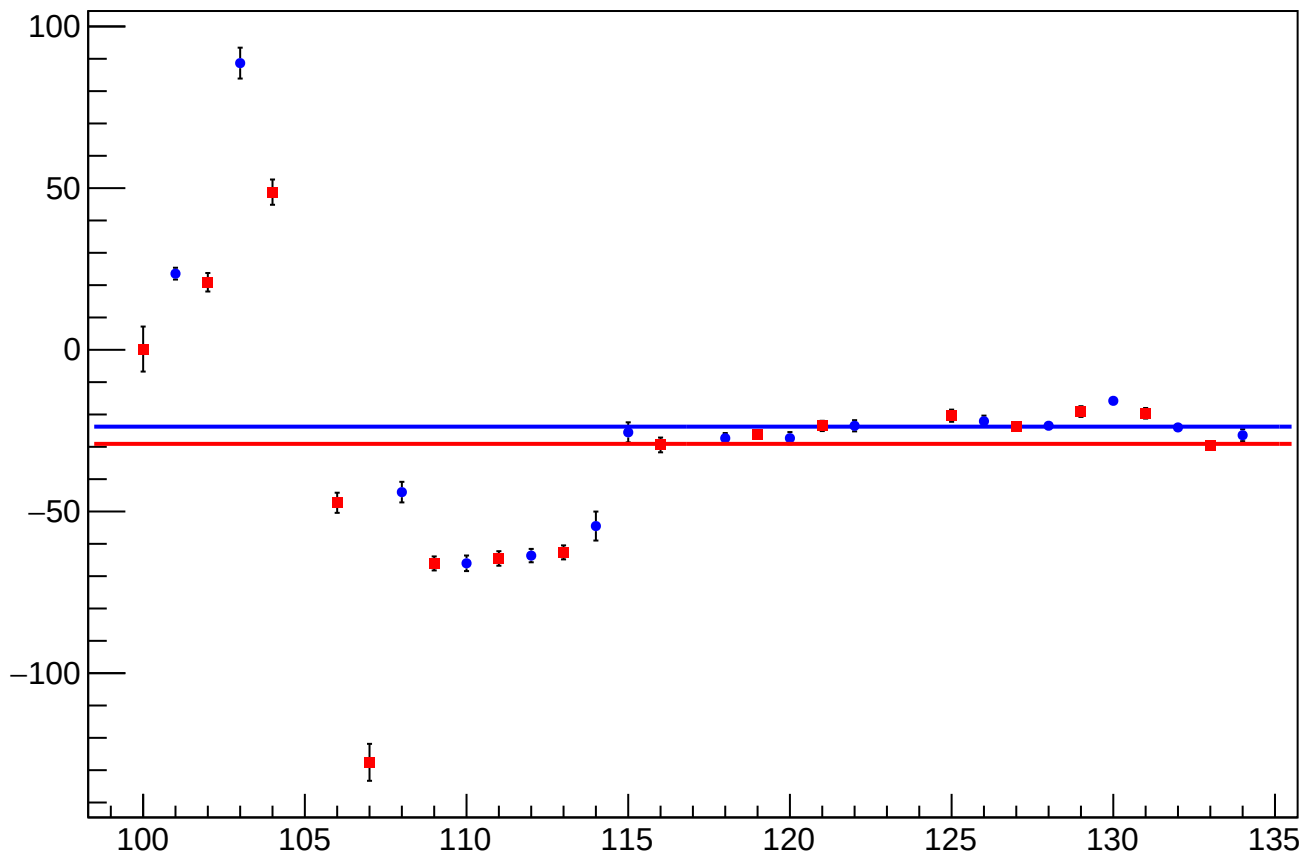
Right: -5.514+/-0.304 χ^2/NDF : 386.3/30

In: -5.076+/-0.422 χ^2/NDF :247.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.514+/-0.304 χ^2/NDF : 386.3/30

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.761 ± 0.497 χ^2/NDF : 2032.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.086 ± 0.507 χ^2/NDF : 1951.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

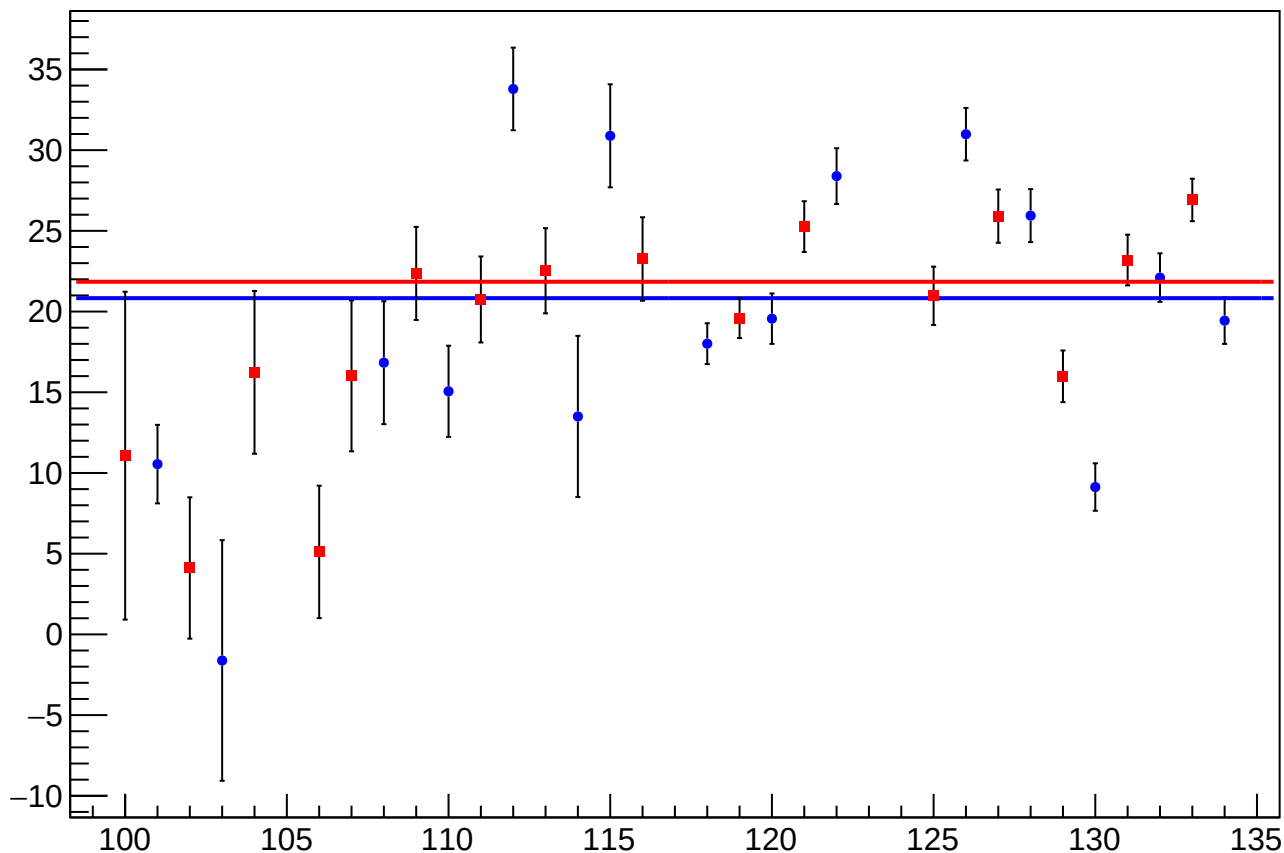
Right: -26.372 ± 0.355 χ^2/NDF : 4040.2/30

In: -23.761 ± 0.497 χ^2/NDF : 2032.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.372 ± 0.355 χ^2/NDF : 4040.2/30

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.830+/-0.489 χ^2/NDF : 208.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.847+/-0.508 χ^2/NDF : 80.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

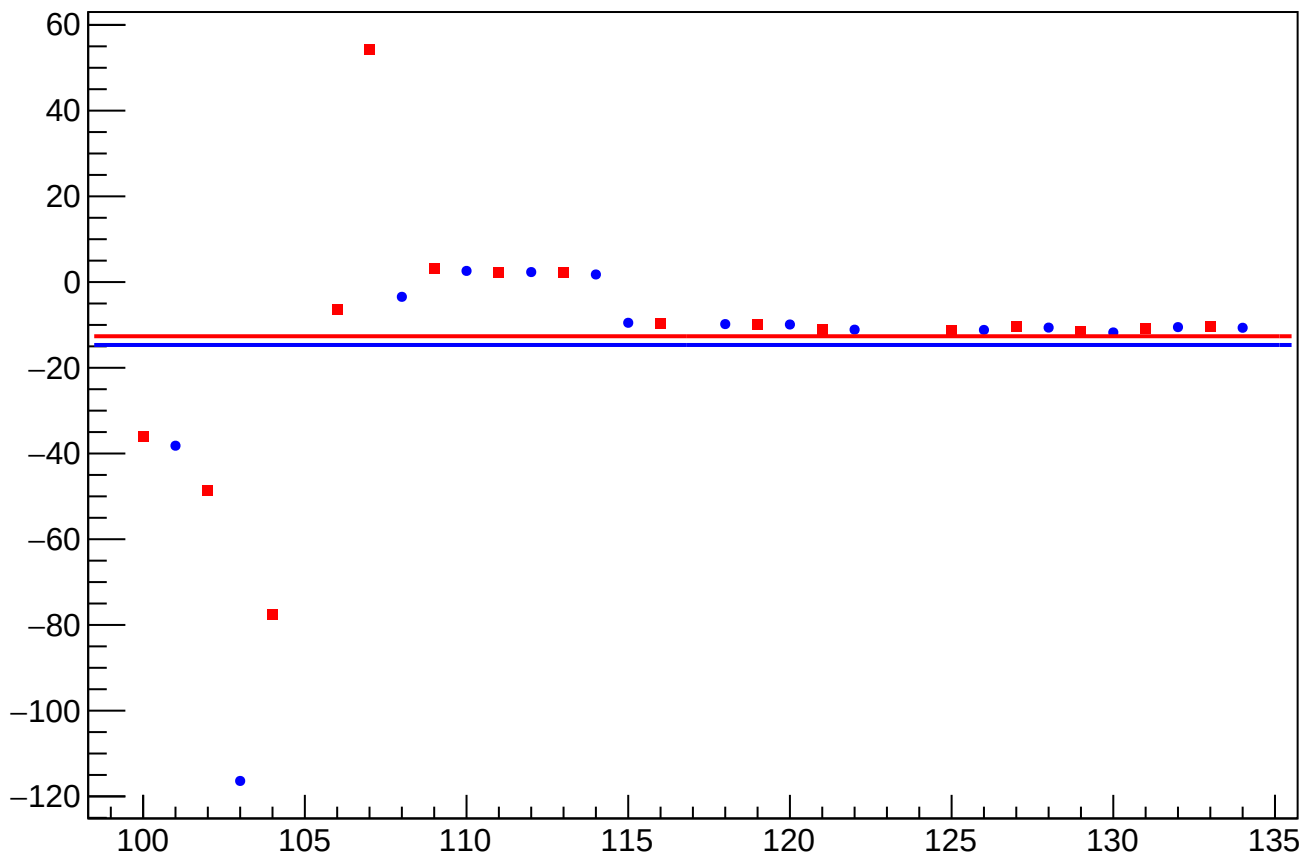
Right: 21.319+/-0.352 χ^2/NDF : 291.3/30

In: 20.830+/-0.489 χ^2/NDF : 208.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.319+/-0.352 χ^2/NDF : 291.3/30

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.677 $\pm$ 0.034 χ^2 /NDF: 337218.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.640 $\pm$ 0.037 χ^2 /NDF: 311528.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

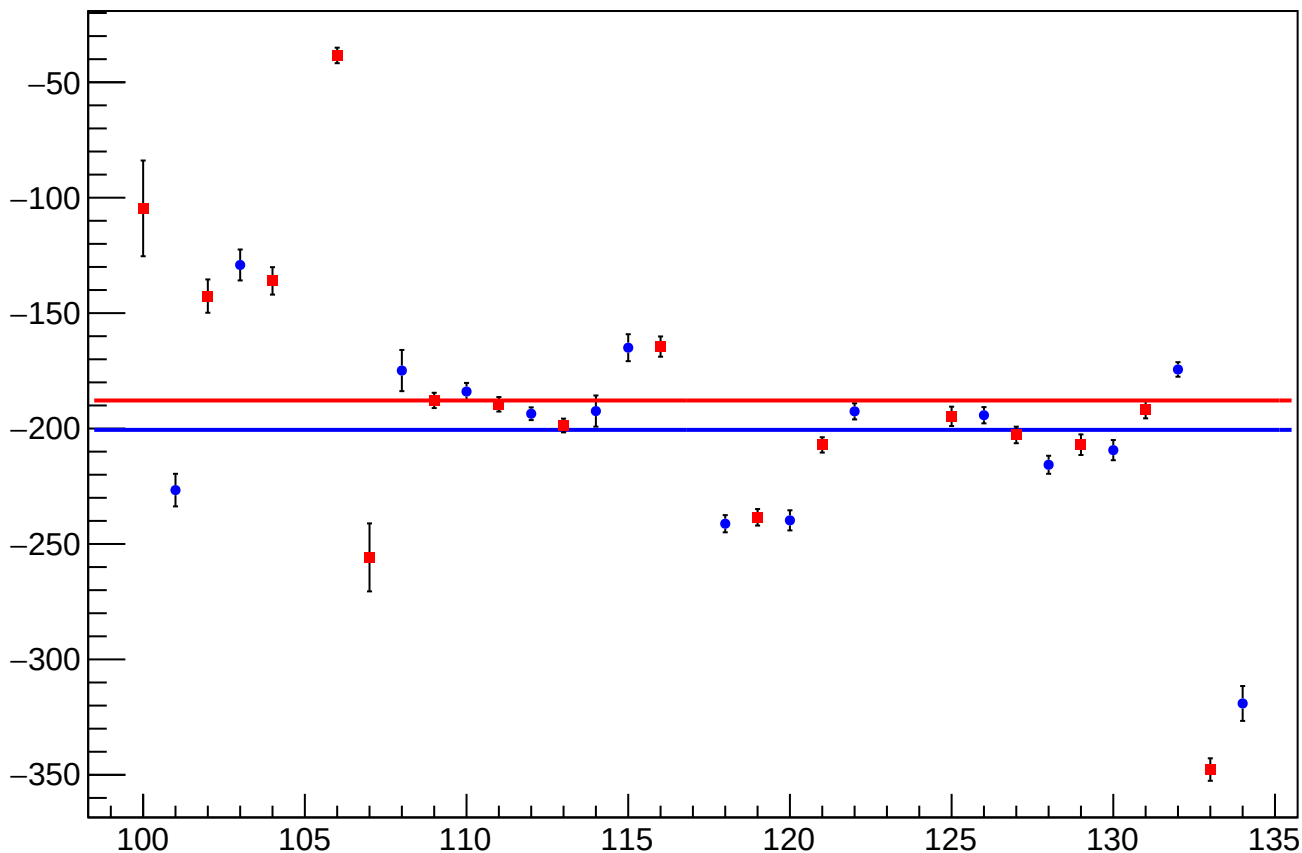
Right: -13.748 $\pm$ 0.025 χ^2 /NDF: 650414.5/30

In: -14.677 $\pm$ 0.034 χ^2 /NDF:337218.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.748 $\pm$ 0.025 χ^2 /NDF: 650414.5/30

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -200.572 ± 1.096 χ^2/NDF : 743.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -187.842 ± 1.016 χ^2/NDF : 3519.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

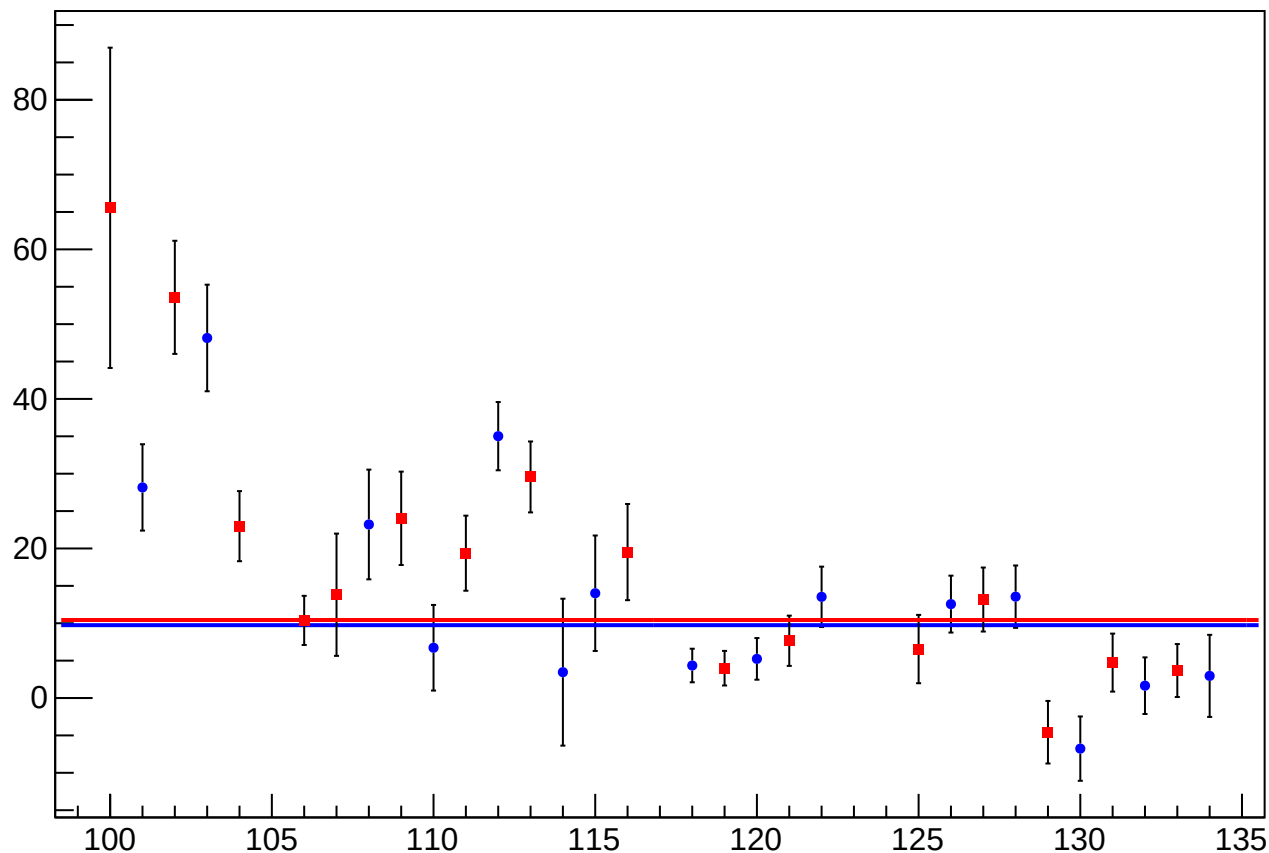
Right: -193.725 ± 0.745 χ^2/NDF : 4335.9/30

In: -200.572 ± 1.096 χ^2/NDF : 743.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -193.725 ± 0.745 χ^2/NDF : 4335.9/30

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.743+/-1.087 χ^2/NDF : 105.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.436+/-1.061 χ^2/NDF : 100.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

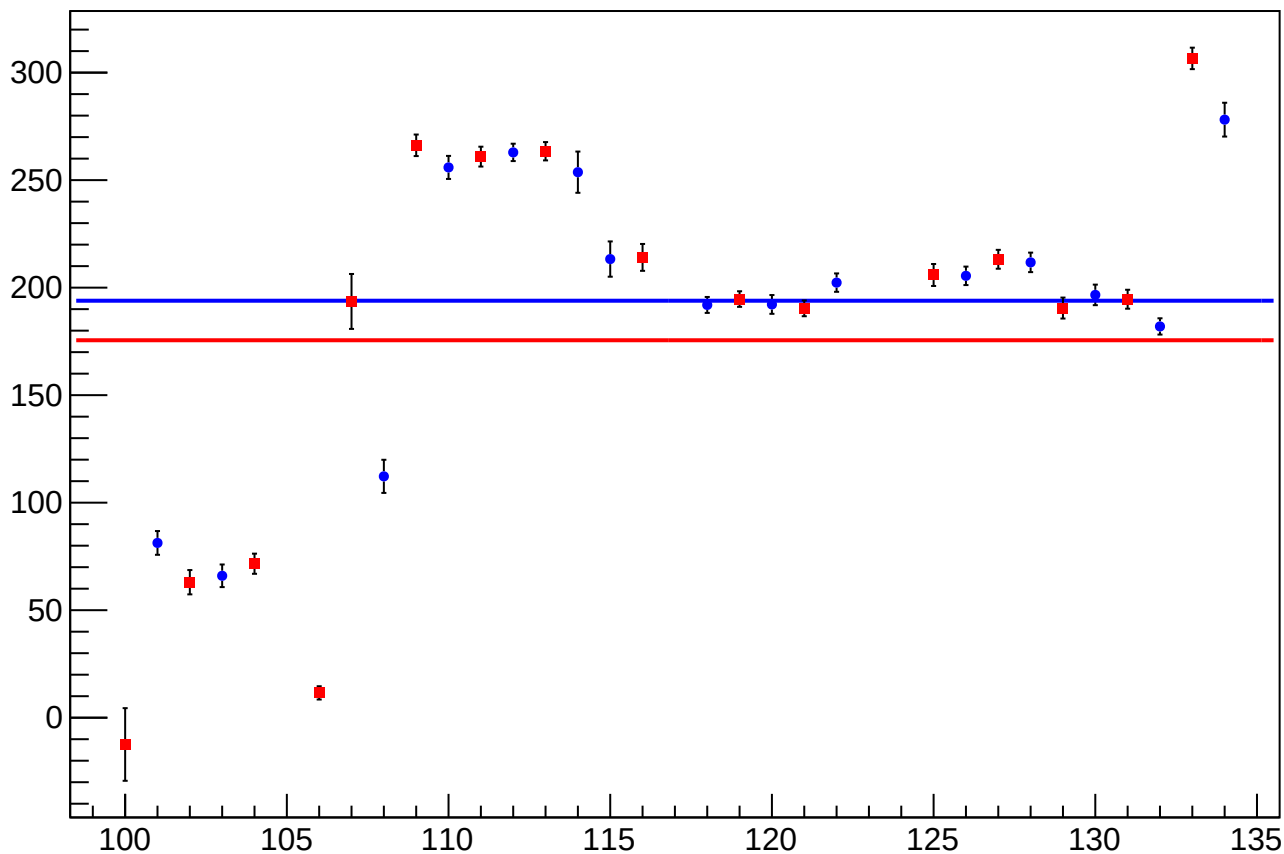
Right: 10.098+/-0.759 χ^2/NDF : 206.9/30

In: 9.743+/-1.087 χ^2/NDF : 105.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.098+/-0.759 χ^2/NDF : 206.9/30

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 193.919+/-1.270 χ^2/NDF : 1741.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.532+/-1.168 χ^2/NDF : 5838.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

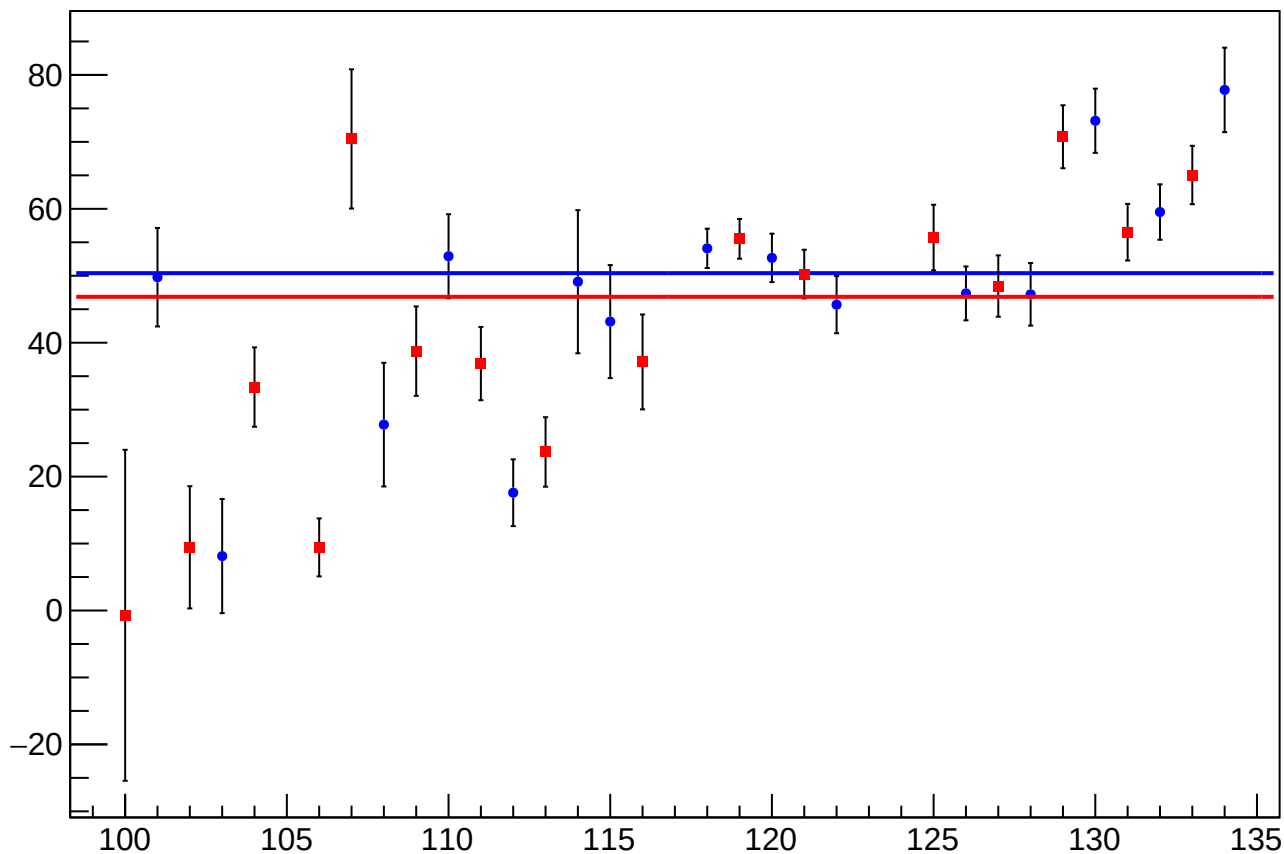
Right: 183.957+/-0.860 χ^2/NDF : 7693.5/30

In: 193.919+/-1.270 χ^2/NDF : 1741.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.957+/-0.860 χ^2/NDF : 7693.5/30

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 50.390+/-1.276 χ^2/NDF : 125.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.858+/-1.241 χ^2/NDF : 193.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

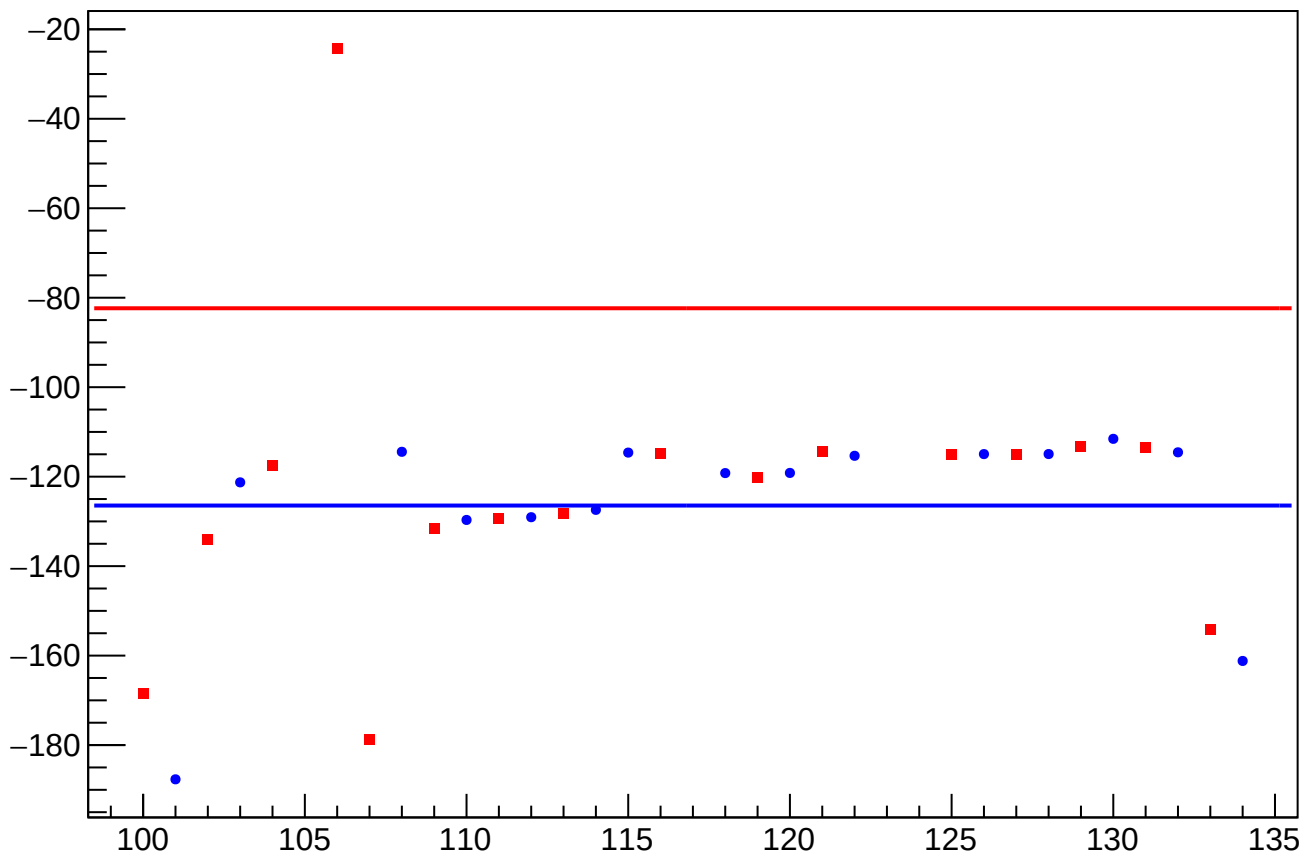
Right: 48.575+/-0.890 χ^2/NDF : 322.5/30

In: 50.390+/-1.276 χ^2/NDF : 125.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.575+/-0.890 χ^2/NDF : 322.5/30

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -126.457+/-0.088 χ^2/NDF : 54681.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.357+/-0.067 χ^2/NDF : 593665.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

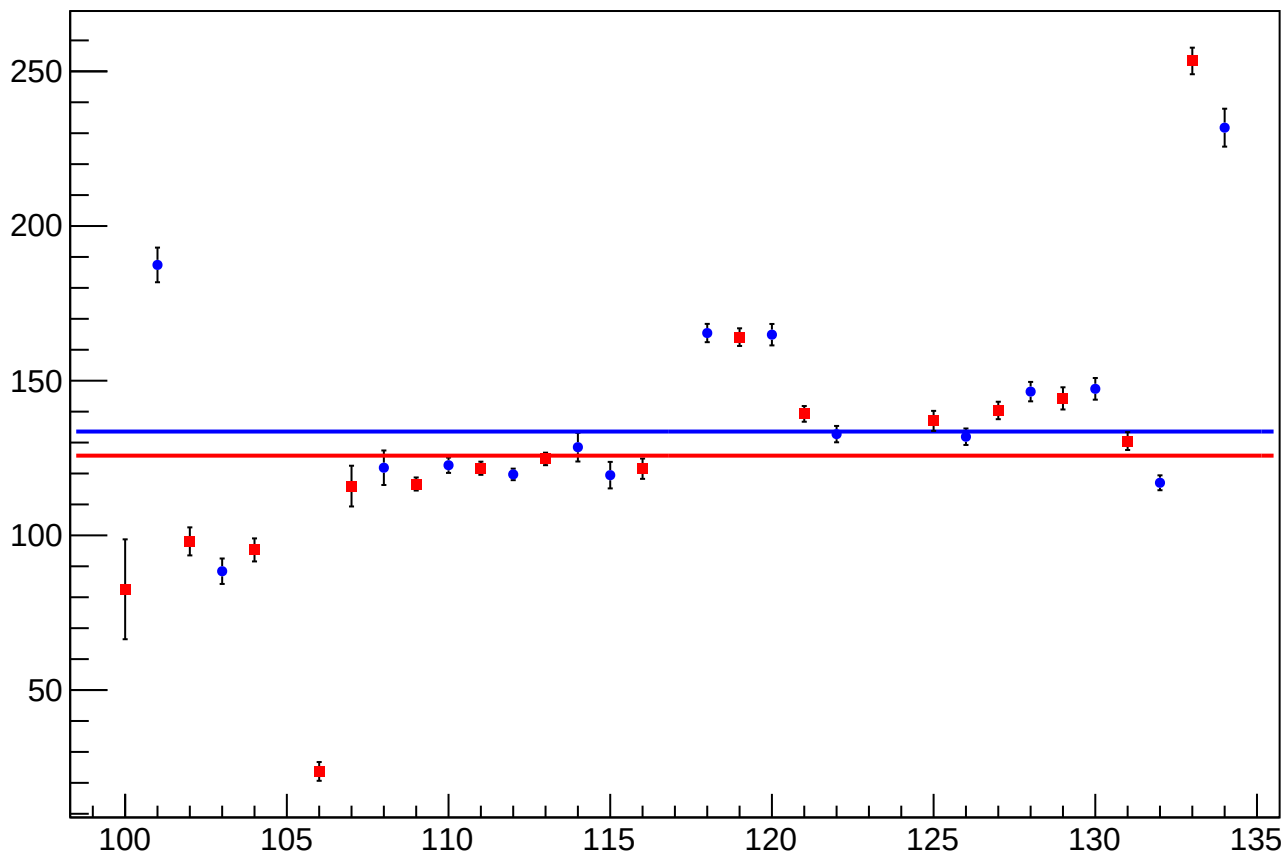
Right: -98.539+/-0.053 χ^2/NDF : 808791.6/30

In: -126.457+/-0.088 χ^2/NDF :54681.8/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -98.539+/-0.053 χ^2/NDF : 808791.6/30

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 133.564 $\pm$ 0.806 χ^2 /NDF: 838.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.772 $\pm$ 0.747 χ^2 /NDF: 2431.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

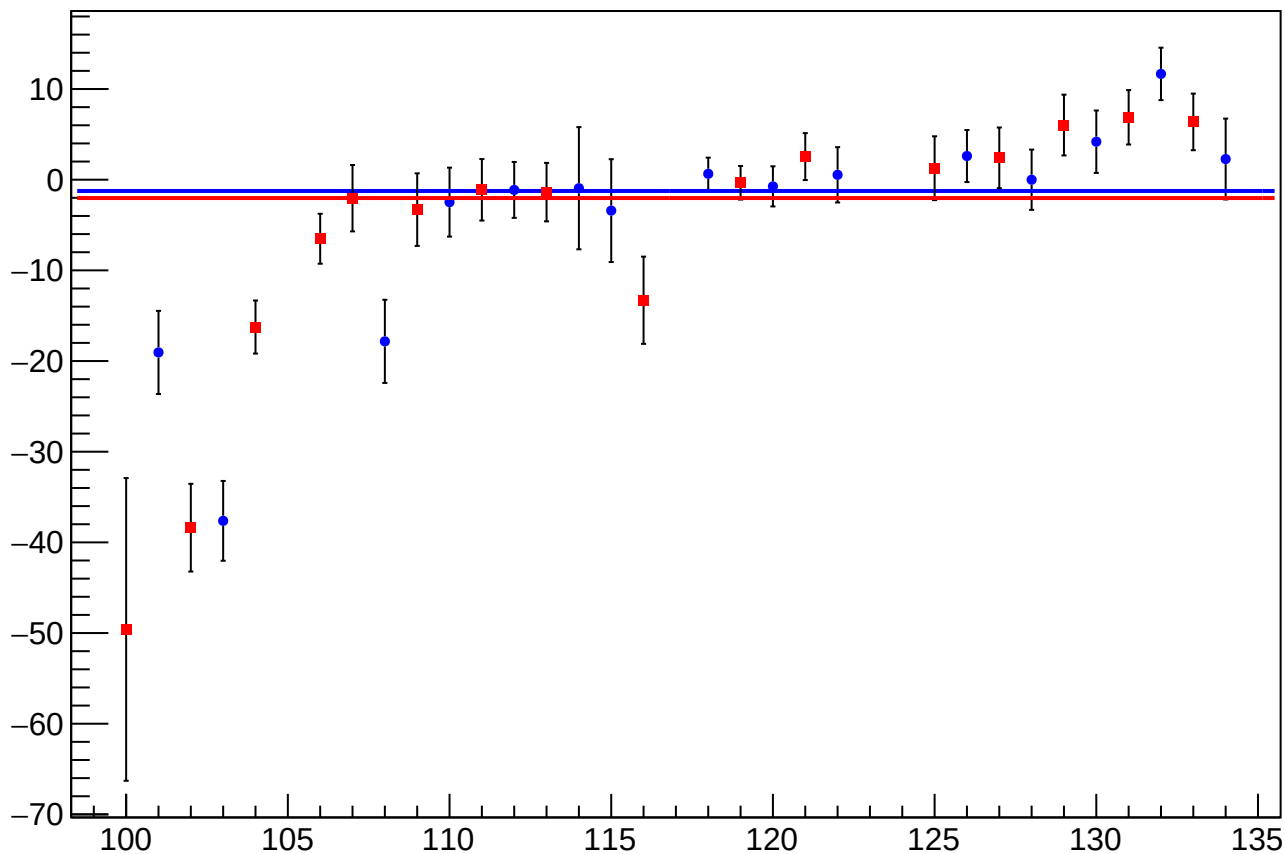
Right: 129.371 $\pm$ 0.548 χ^2 /NDF: 3320.1/30

In: 133.564 $\pm$ 0.806 χ^2 /NDF:838.5/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.371 $\pm$ 0.548 χ^2 /NDF: 3320.1/30

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.244 ± 0.826 χ^2/NDF : 123.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.025 ± 0.798 χ^2/NDF : 124.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

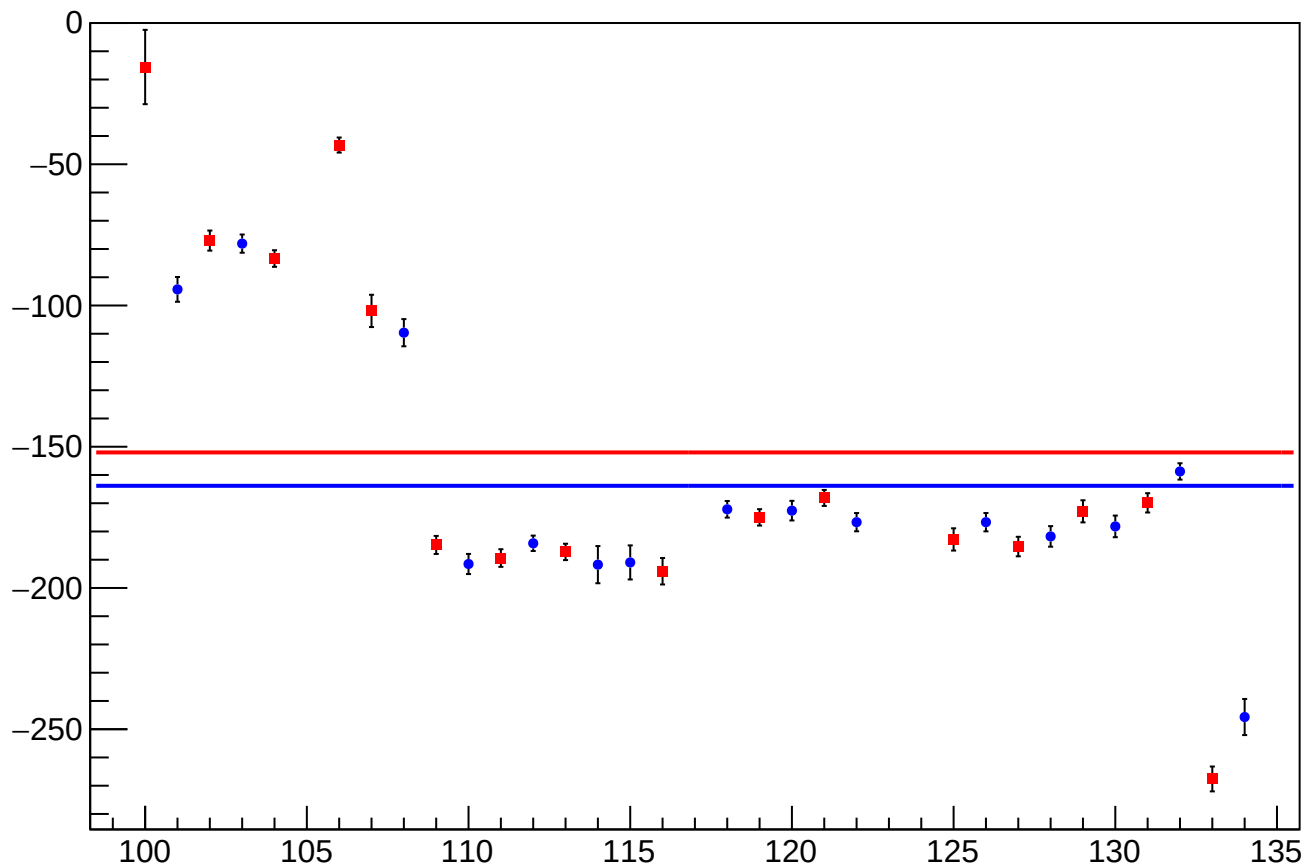
Right: -1.648 ± 0.574 χ^2/NDF : 248.7/30

In: -1.244 ± 0.826 χ^2/NDF : 123.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.648 ± 0.574 χ^2/NDF : 248.7/30

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -163.831+/-0.940 χ^2/NDF : 1489.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.017+/-0.866 χ^2/NDF : 4316.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

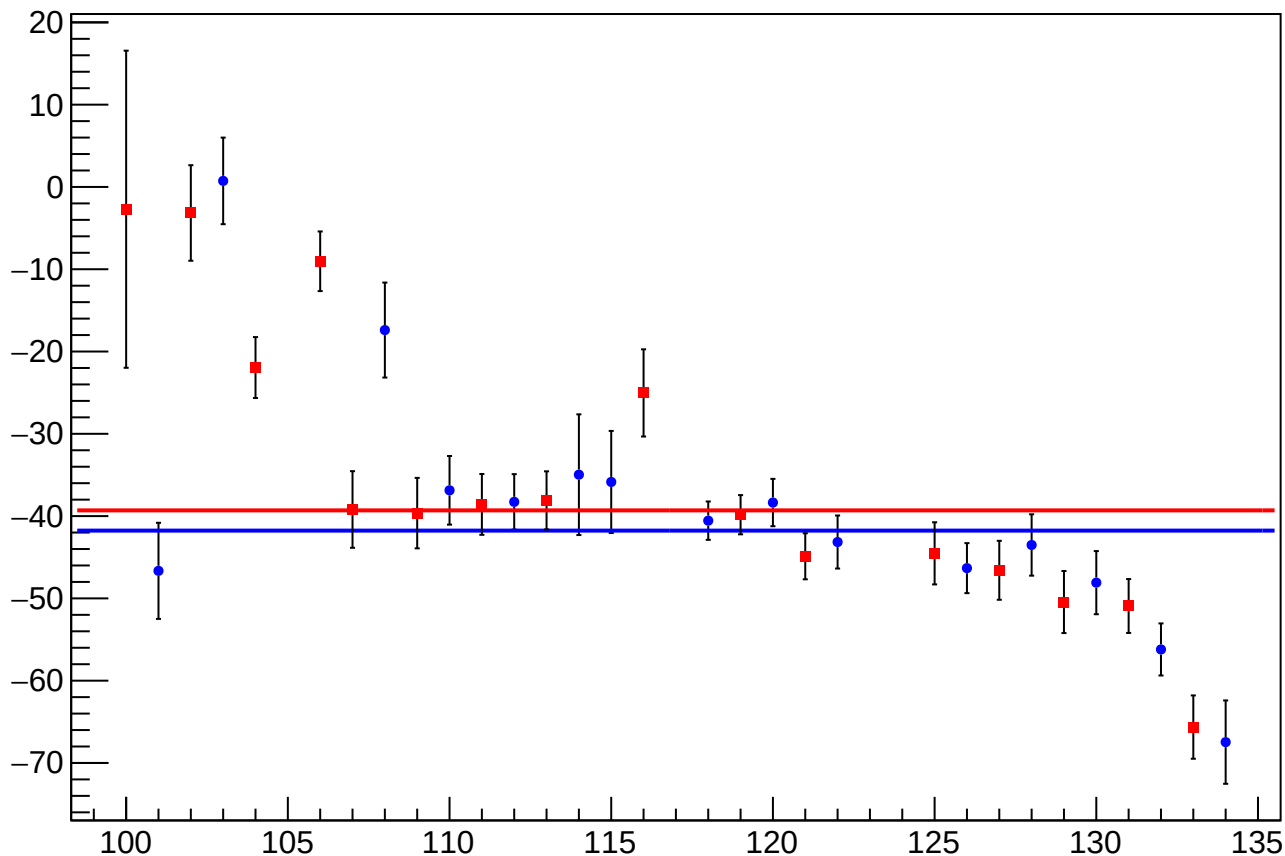
Right: -157.441+/-0.637 χ^2/NDF : 5891.3/30

In: -163.831+/-0.940 χ^2/NDF : 1489.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.441+/-0.637 χ^2/NDF : 5891.3/30

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.763 ± 0.965 χ^2/NDF : 141.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.304 ± 0.931 χ^2/NDF : 219.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

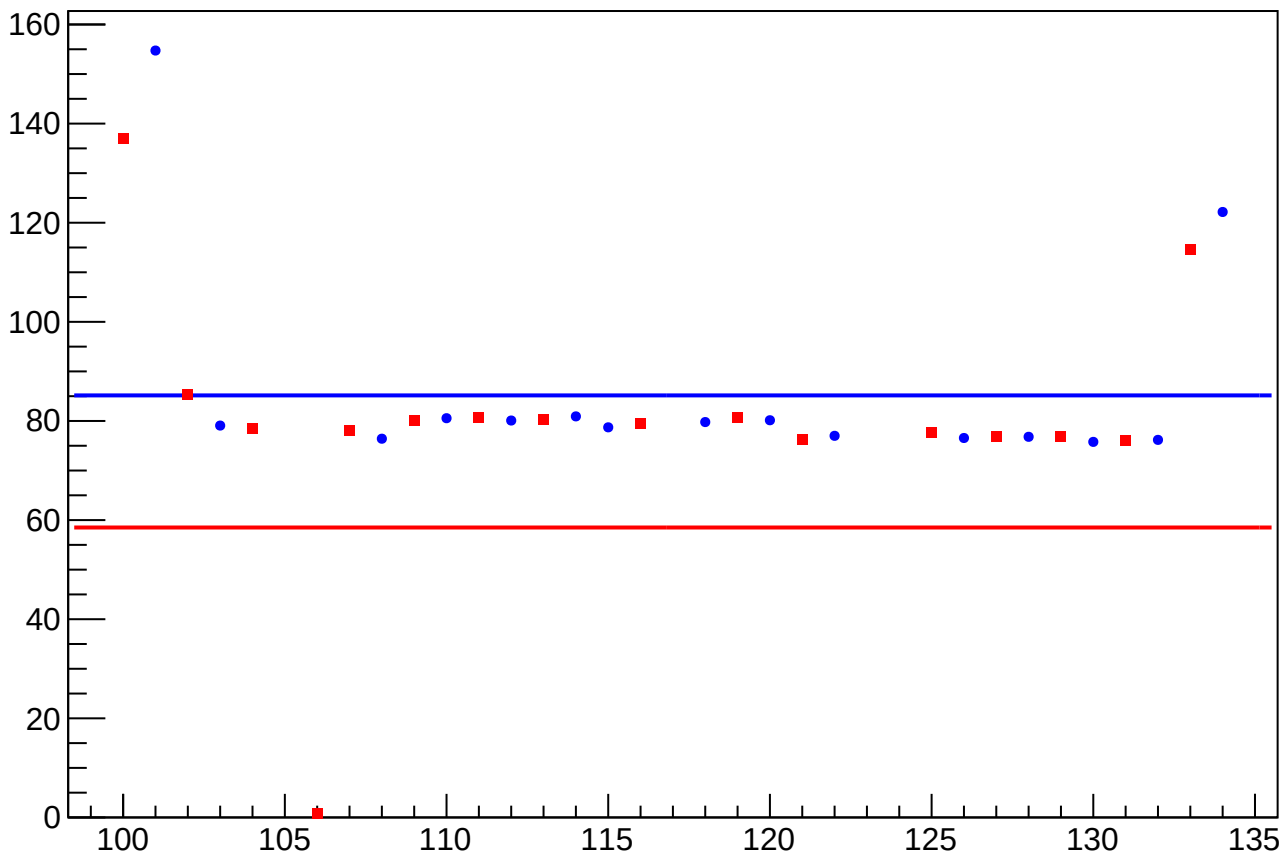
Right: -40.489 ± 0.670 χ^2/NDF : 364.7/30

In: -41.763 ± 0.965 χ^2/NDF : 141.6/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.489 ± 0.670 χ^2/NDF : 364.7/30

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 85.159+/-0.063 χ^2/NDF : 101473.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.505+/-0.051 χ^2/NDF : 520561.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

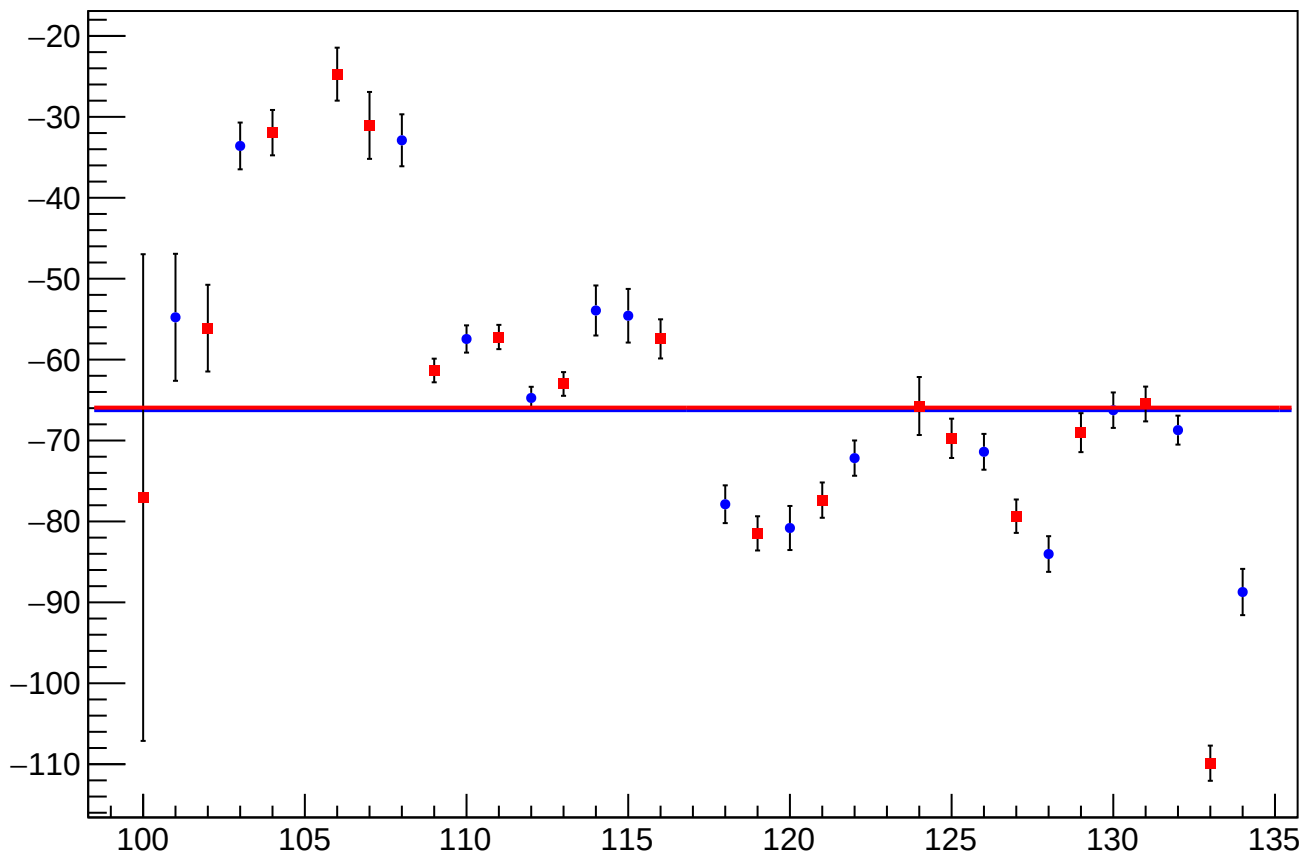
Right: 69.223+/-0.040 χ^2/NDF : 729851.1/30

In: 85.159+/-0.063 χ^2/NDF : 101473.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.223+/-0.040 χ^2/NDF : 729851.1/30

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -66.247+/-0.588 χ^2/NDF : 489.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -65.935+/-0.544 χ^2/NDF : 976.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

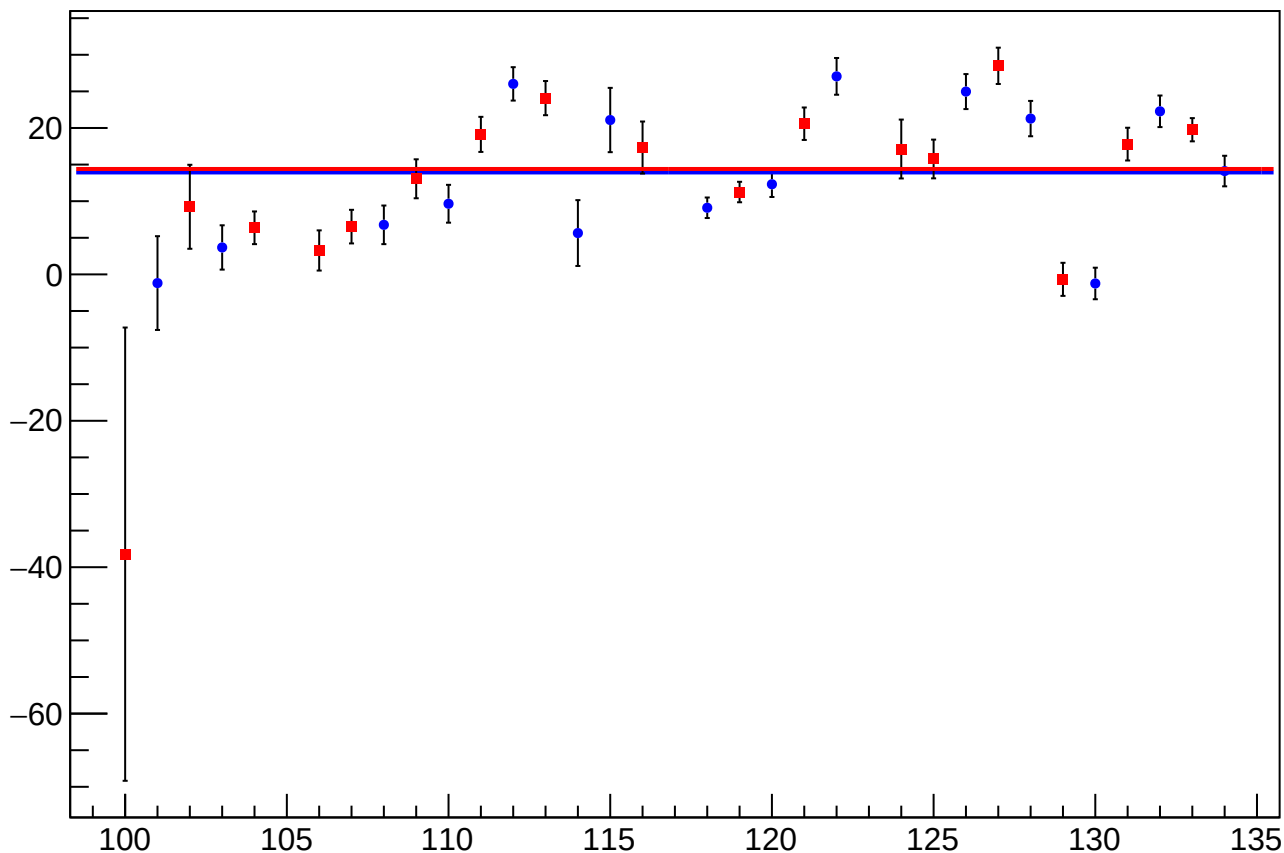
Right: -66.079+/-0.399 χ^2/NDF : 1465.9/31

In: -66.247+/-0.588 χ^2/NDF :489.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.079+/-0.399 χ^2/NDF : 1465.9/31

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.925+/-0.606 χ^2 /NDF: 196.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.401+/-0.577 χ^2 /NDF: 171.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

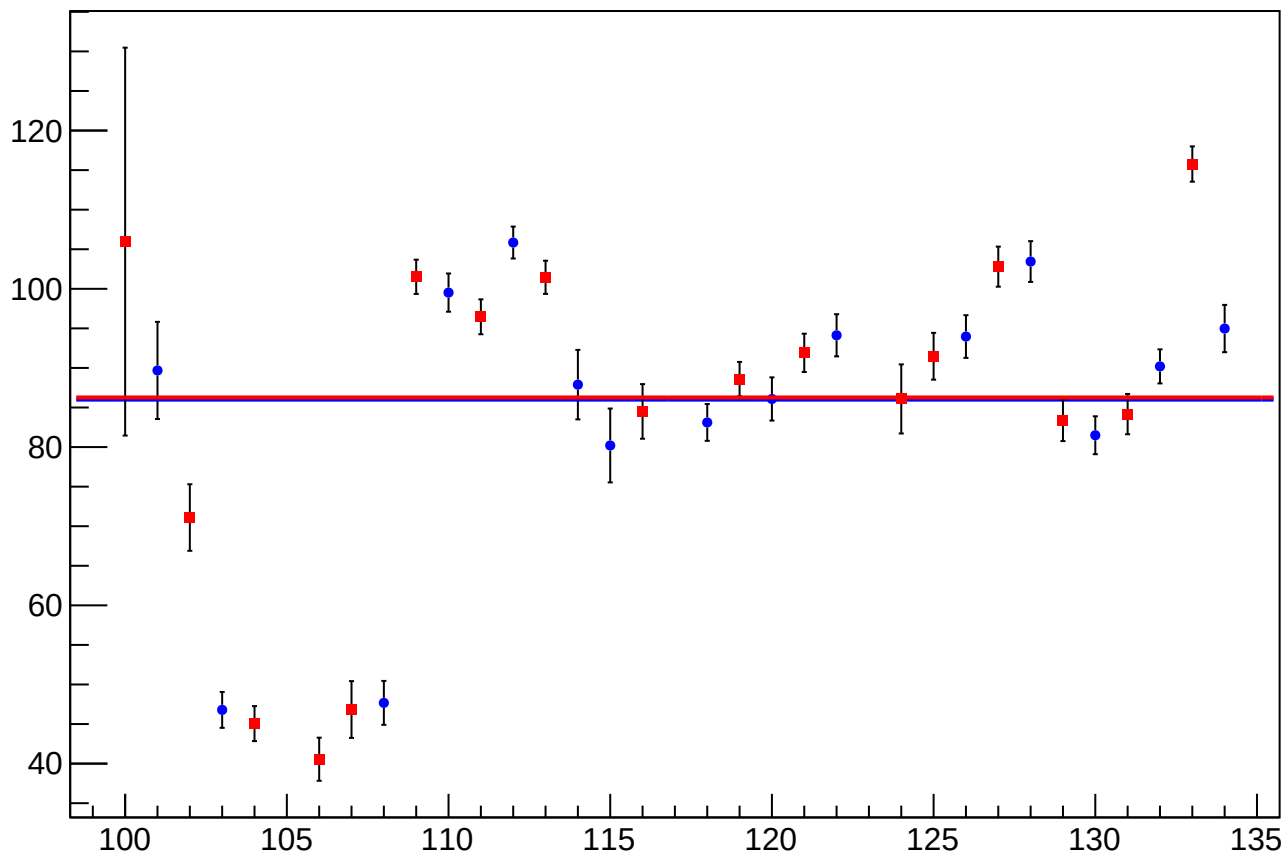
Right: 14.175+/-0.418 χ^2 /NDF: 367.8/31

In: 13.925+/-0.606 χ^2 /NDF:196.5/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.175+/-0.418 χ^2 /NDF: 367.8/31

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 85.998 $\pm$ 0.687 χ^2 /NDF: 701.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.270 $\pm$ 0.644 χ^2 /NDF: 1116.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

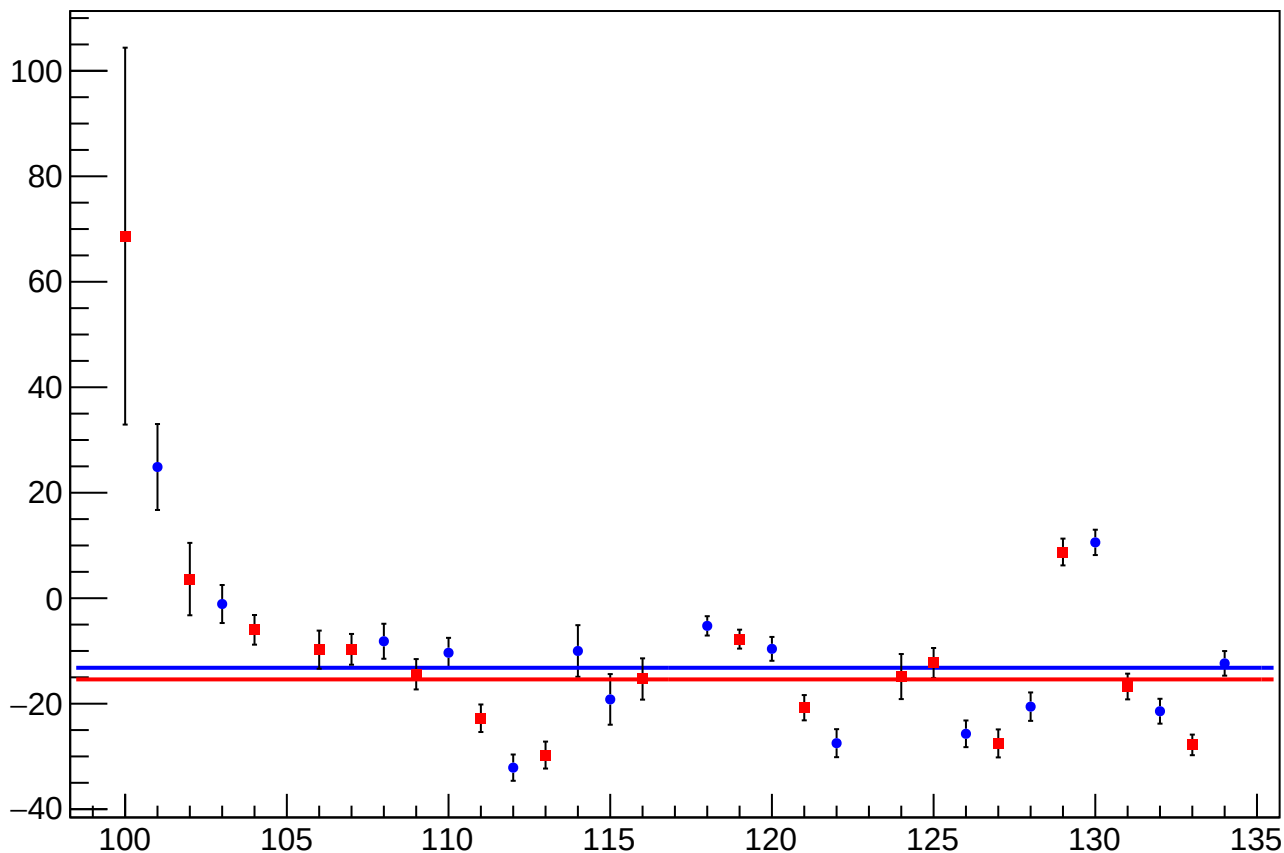
Right: 86.143 $\pm$ 0.470 χ^2 /NDF: 1817.8/31

In: 85.998 $\pm$ 0.687 χ^2 /NDF:701.7/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.143 $\pm$ 0.470 χ^2 /NDF: 1817.8/31

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.190+/-0.704 χ^2/NDF : 288.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.394+/-0.671 χ^2/NDF : 246.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

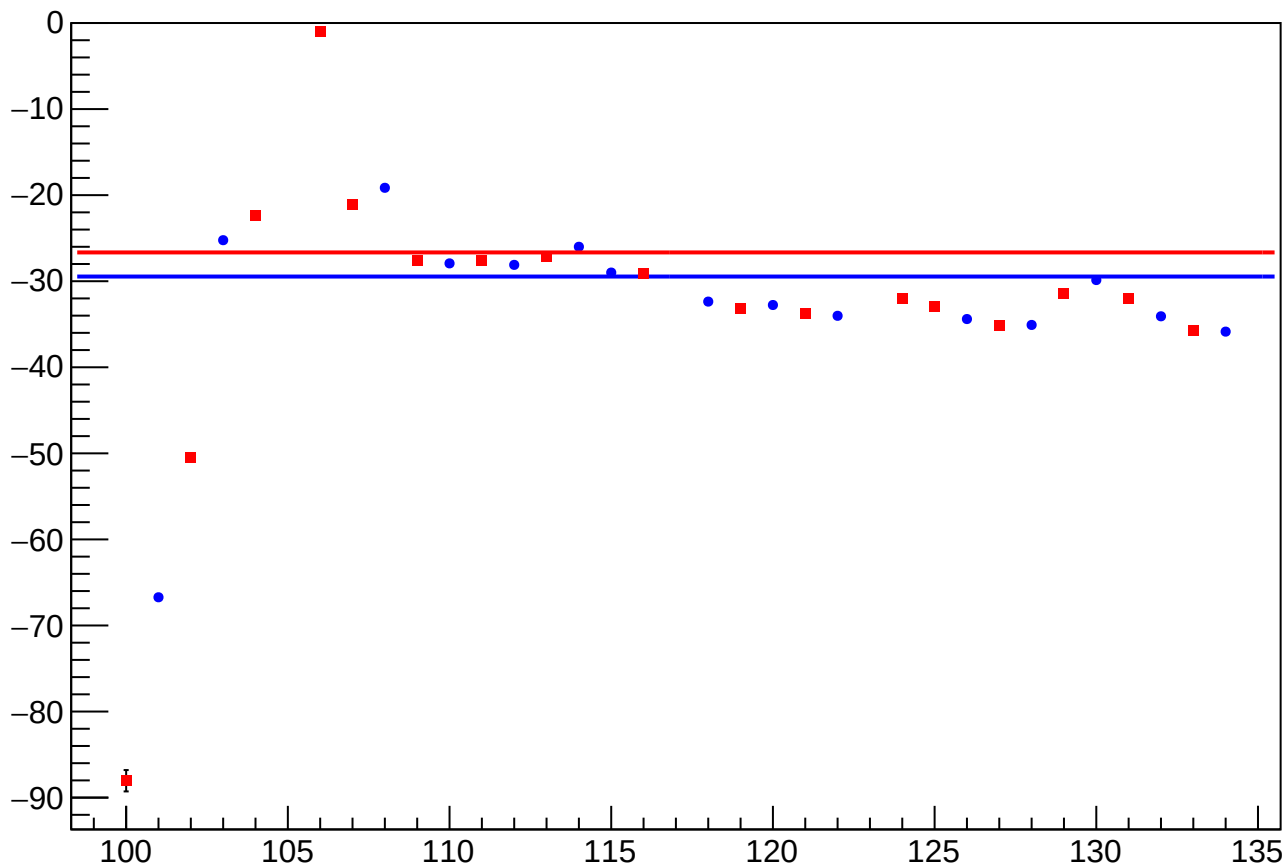
Right: -14.344+/-0.486 χ^2/NDF : 540.5/31

In: -13.190+/-0.704 χ^2/NDF : 288.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.344+/-0.486 χ^2/NDF : 540.5/31

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.457+/-0.043 χ^2/NDF : 26965.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.655+/-0.042 χ^2/NDF : 74210.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

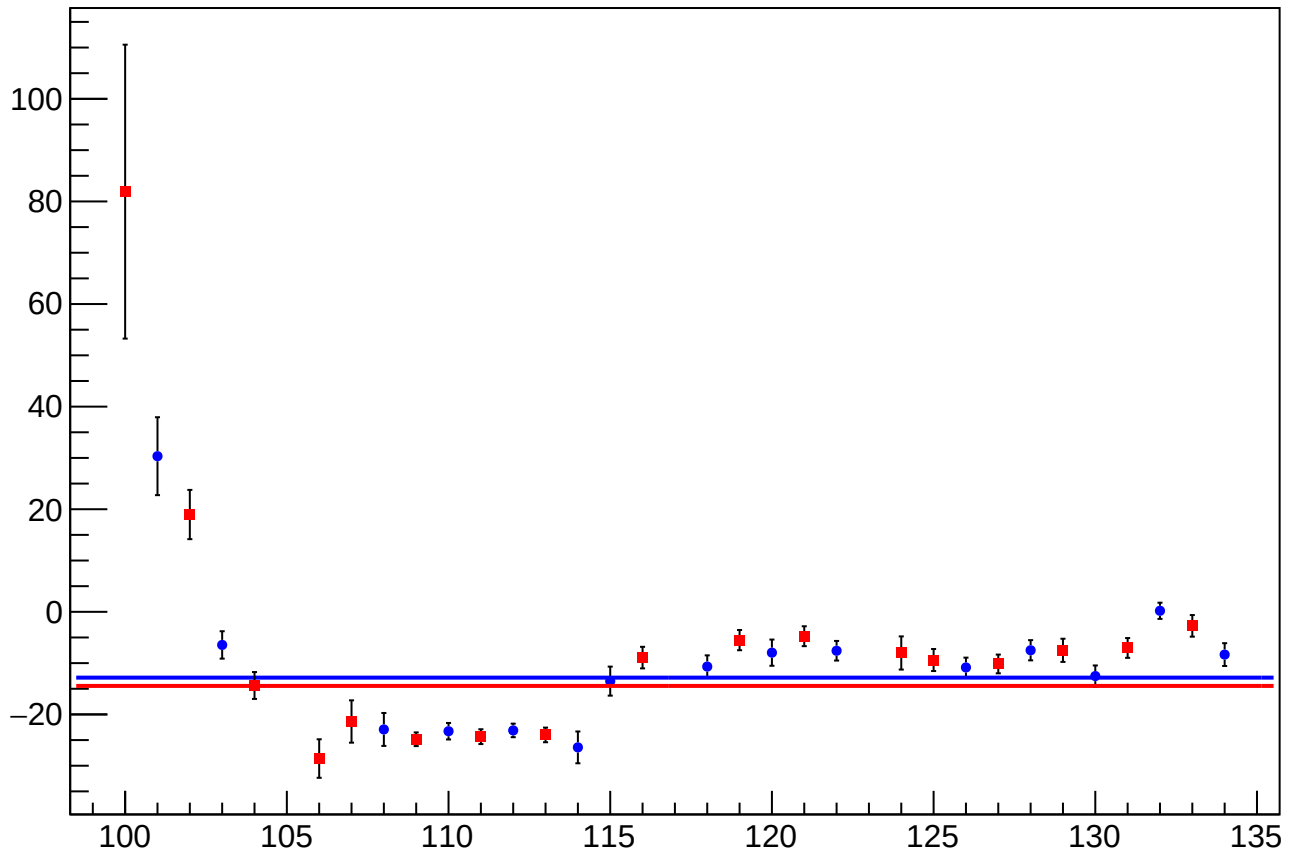
Right: -28.021+/-0.030 χ^2/NDF : 103304.8/31

In: -29.457+/-0.043 χ^2/NDF : 26965.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.021+/-0.030 χ^2/NDF : 103304.8/31

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.827+/-0.539 χ^2/NDF : 262.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.443+/-0.506 χ^2/NDF : 351.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

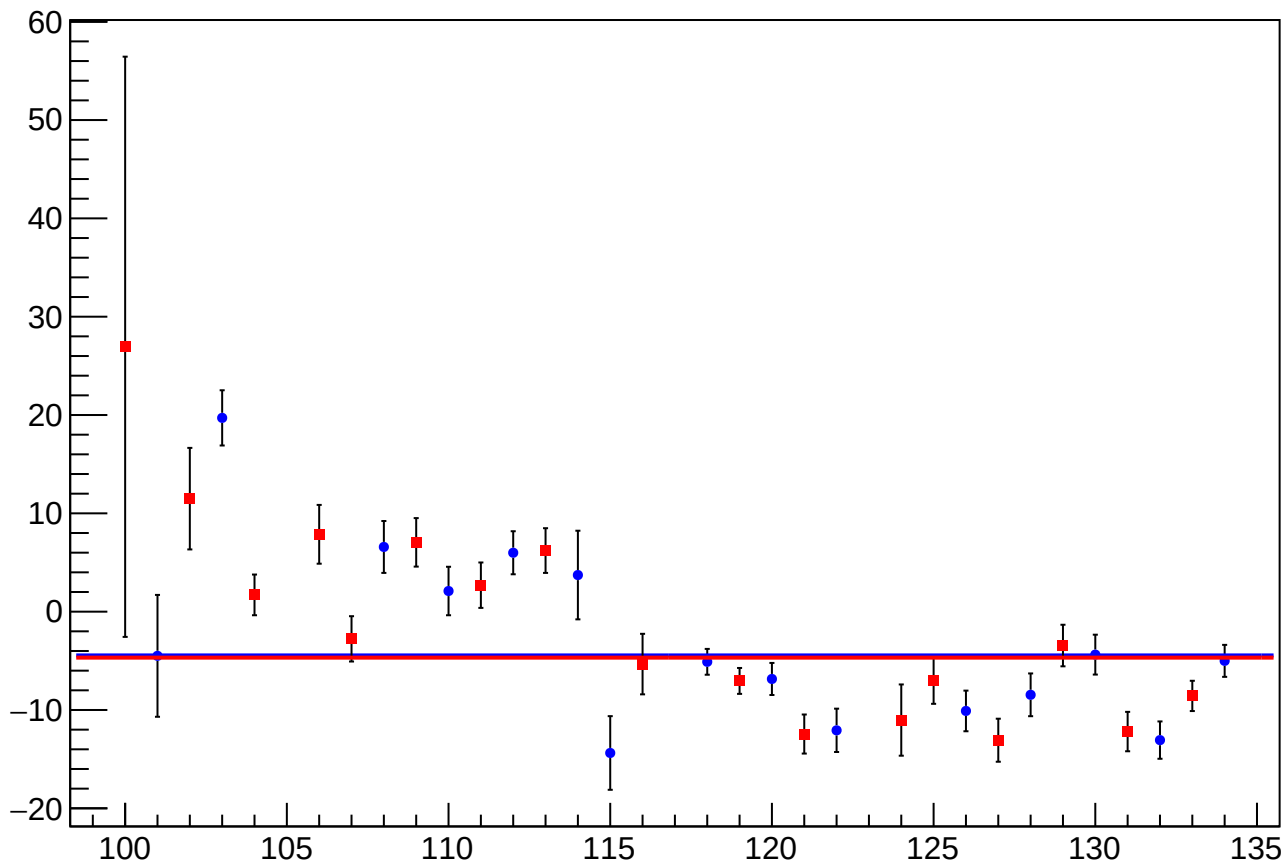
Right: -13.686+/-0.369 χ^2/NDF : 619.1/31

In: -12.827+/-0.539 χ^2/NDF : 262.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.686+/-0.369 χ^2/NDF : 619.1/31

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.450+/-0.551 χ^2/NDF : 177.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.676+/-0.541 χ^2/NDF : 152.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

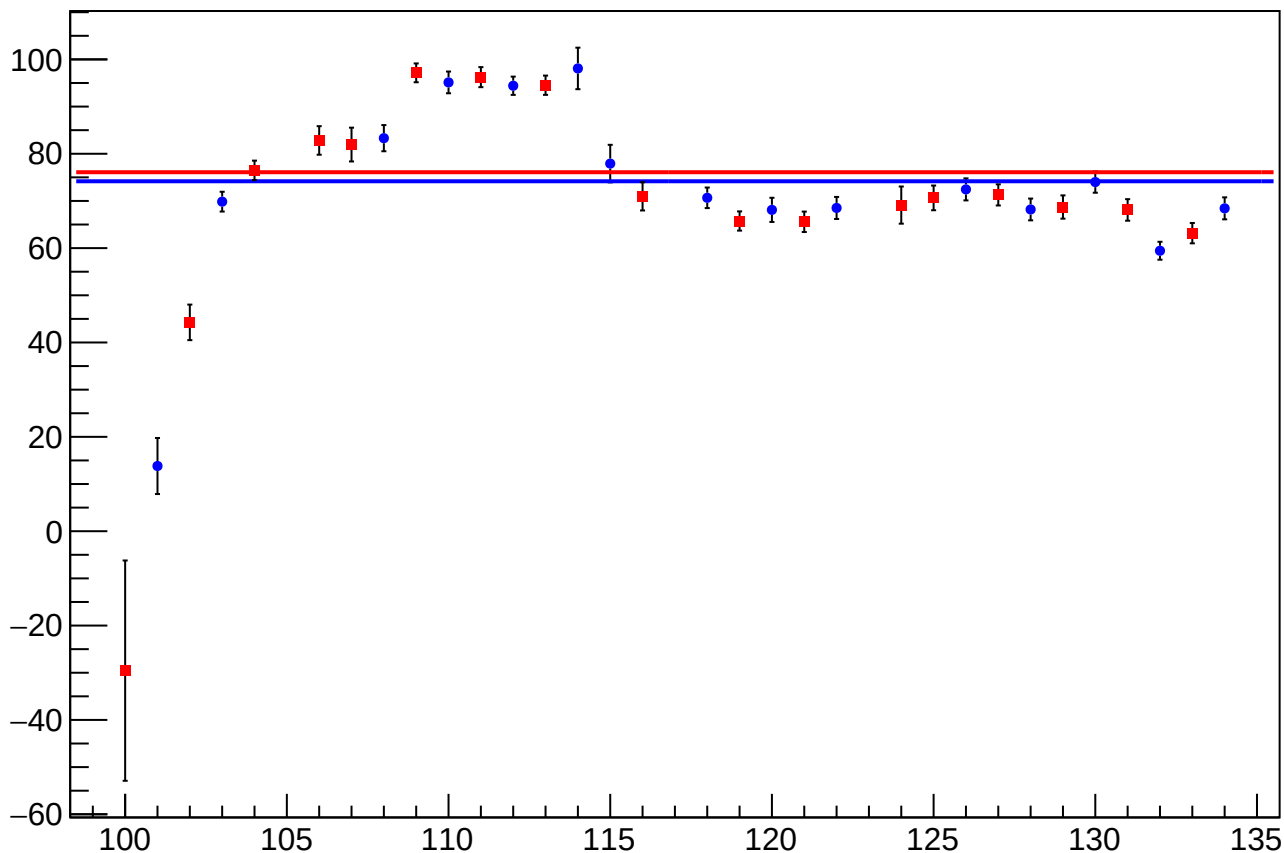
Right: -4.565+/-0.386 χ^2/NDF : 330.3/31

In: -4.450+/-0.551 χ^2/NDF : 177.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.565+/-0.386 χ^2/NDF : 330.3/31

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.170+/-0.629 χ^2 /NDF: 428.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 76.087+/-0.603 χ^2 /NDF: 503.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

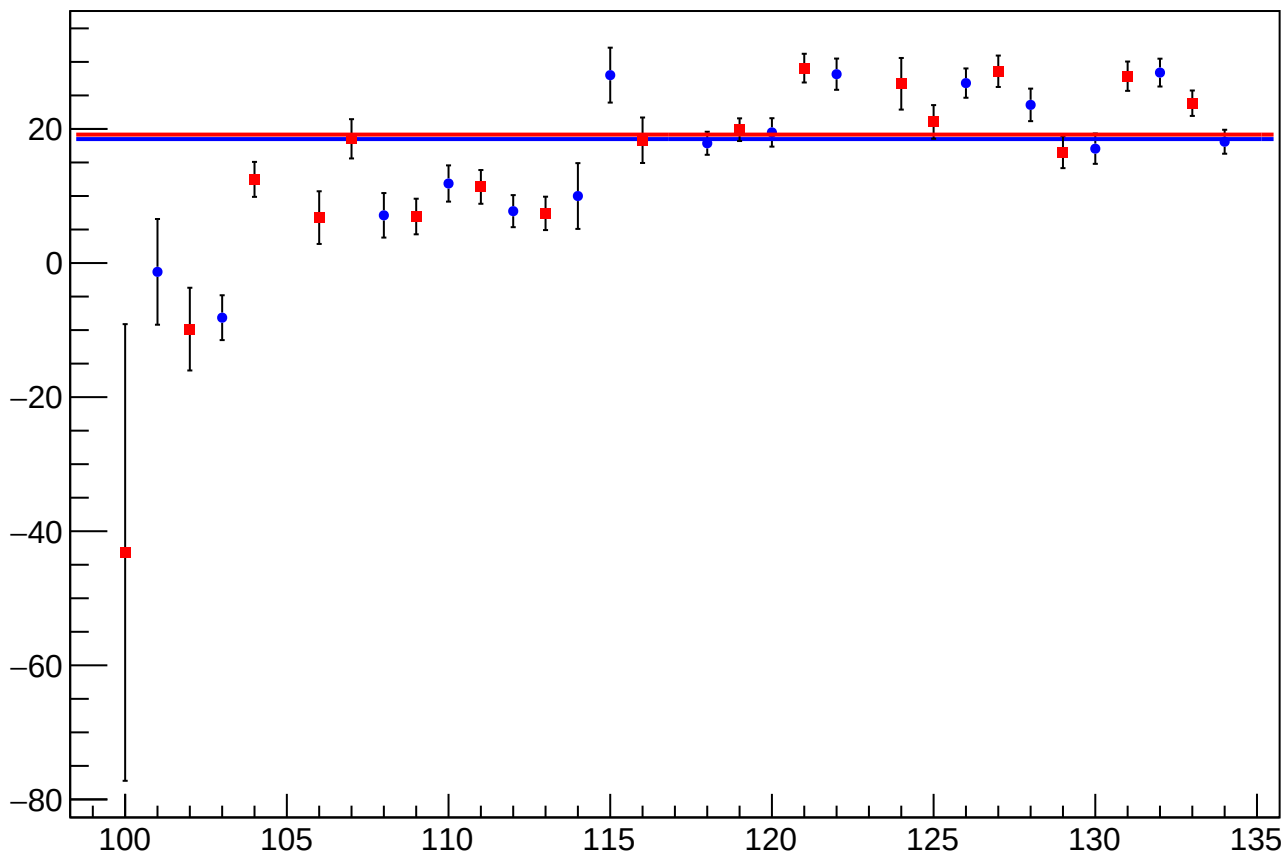
Right: 75.169+/-0.435 χ^2 /NDF: 936.8/31

In: 74.170+/-0.629 χ^2 /NDF:428.2/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 75.169+/-0.435 χ^2 /NDF: 936.8/31

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.489+/-0.636 χ^2/NDF : 176.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.158+/-0.627 χ^2/NDF : 160.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

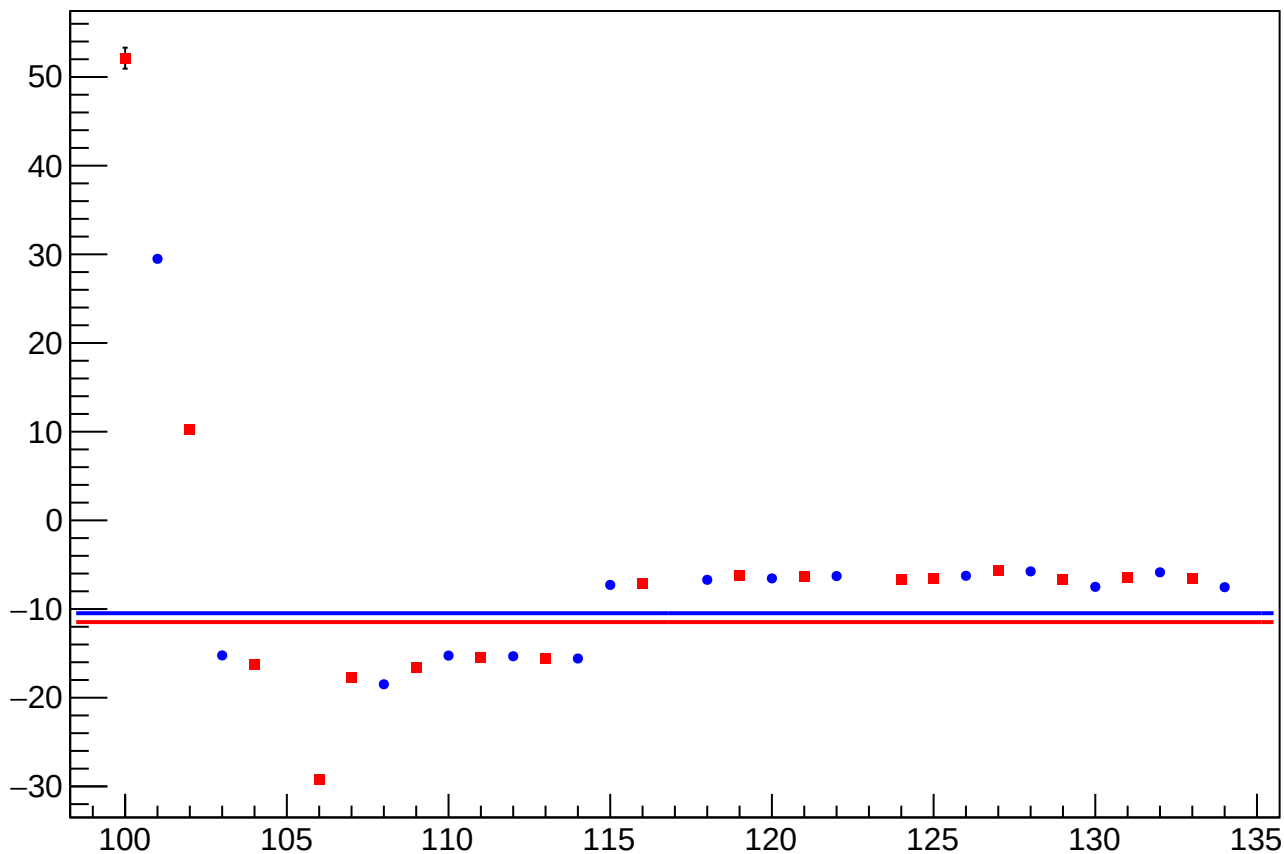
Right: 18.828+/-0.446 χ^2/NDF : 337.2/31

In: 18.489+/-0.636 χ^2/NDF : 176.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.828+/-0.446 χ^2/NDF : 337.2/31

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.470+/-0.039 χ^2/NDF : 27706.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.471+/-0.040 χ^2/NDF : 48499.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

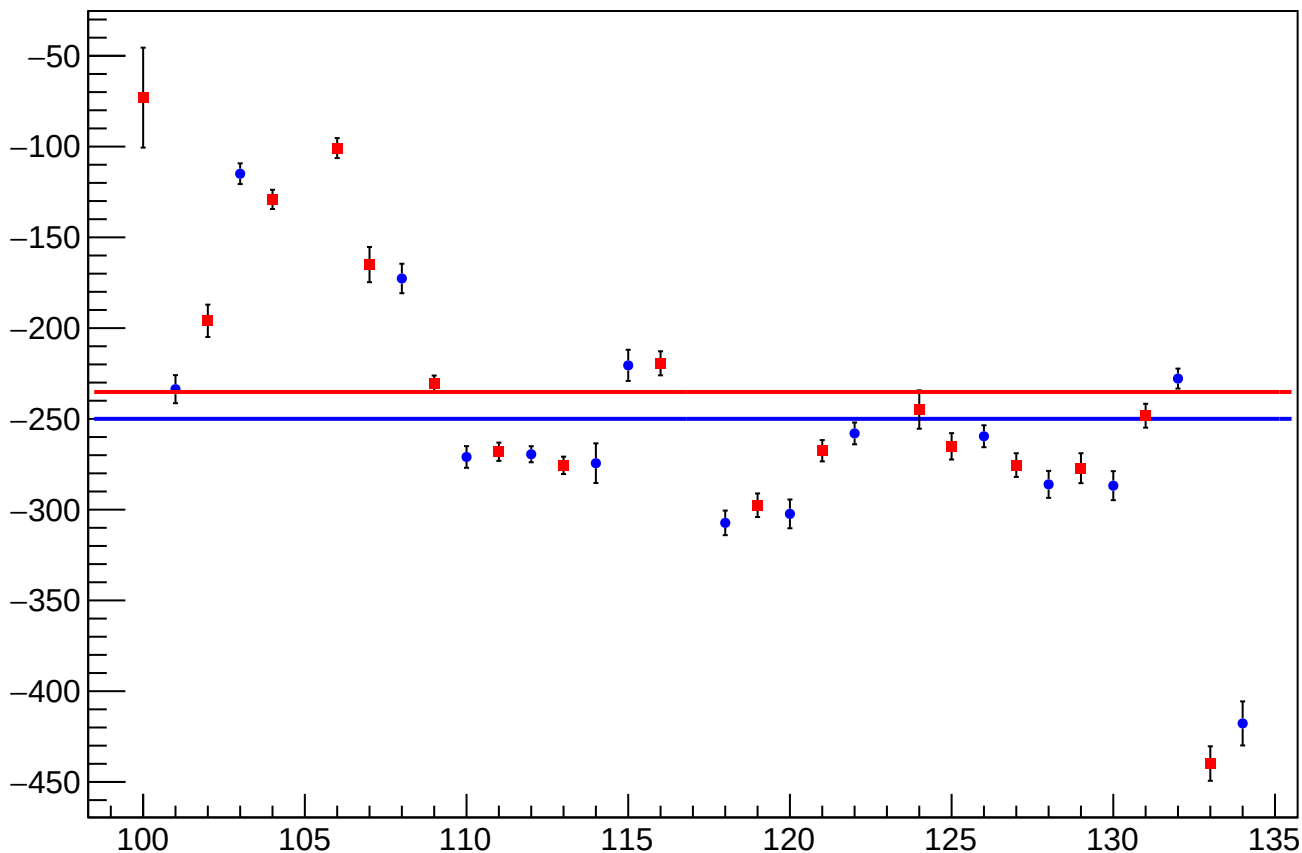
Right: -10.952+/-0.028 χ^2/NDF : 76523.3/31

In: -10.470+/-0.039 χ^2/NDF : 27706.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.952+/-0.028 χ^2/NDF : 76523.3/31

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -249.977+/-1.740 χ^2/NDF : 1075.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -235.169+/-1.576 χ^2/NDF : 1895.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

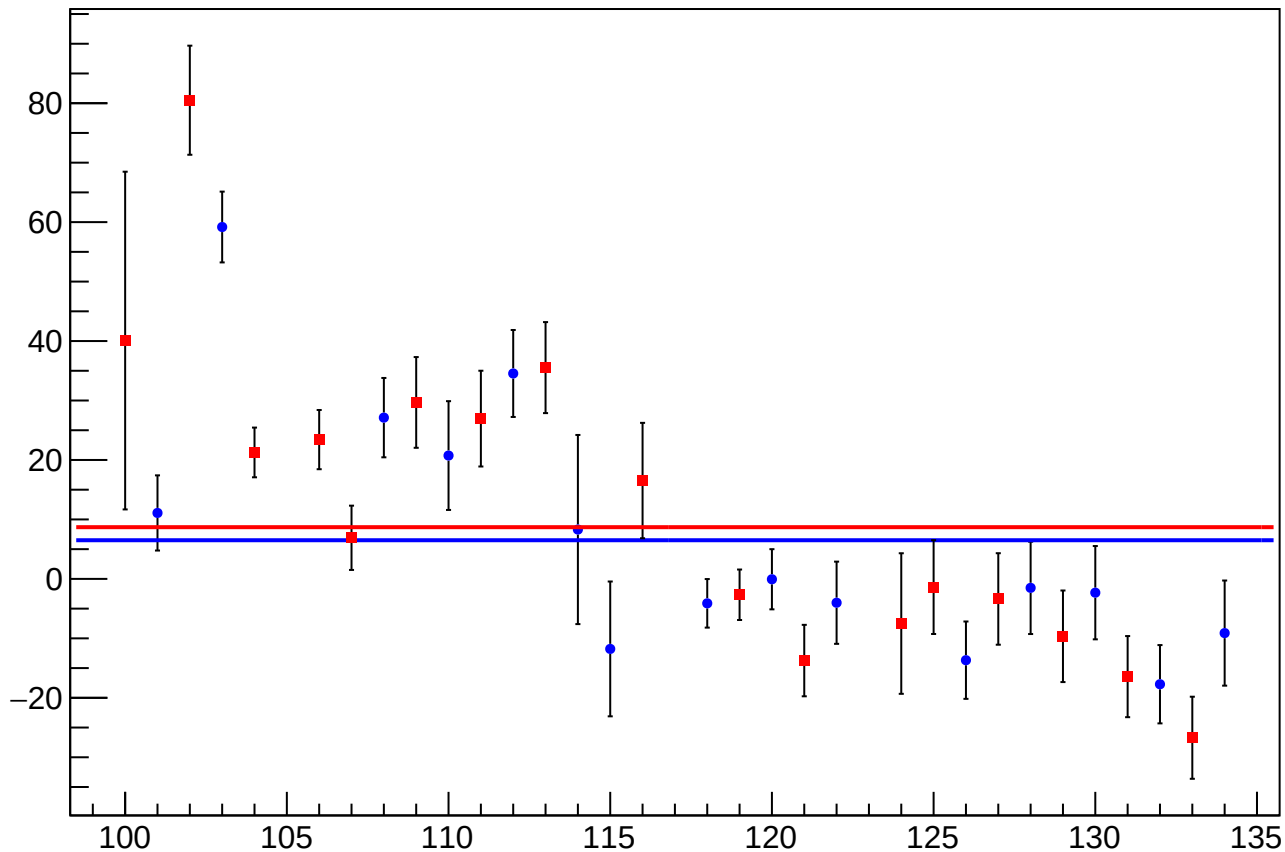
Right: -241.843+/-1.168 χ^2/NDF : 3010.6/31

In: -249.977+/-1.740 χ^2/NDF :1075.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -241.843+/-1.168 χ^2/NDF : 3010.6/31

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.501+/-1.740 χ^2/NDF : 147.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.697+/-1.606 χ^2/NDF : 178.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

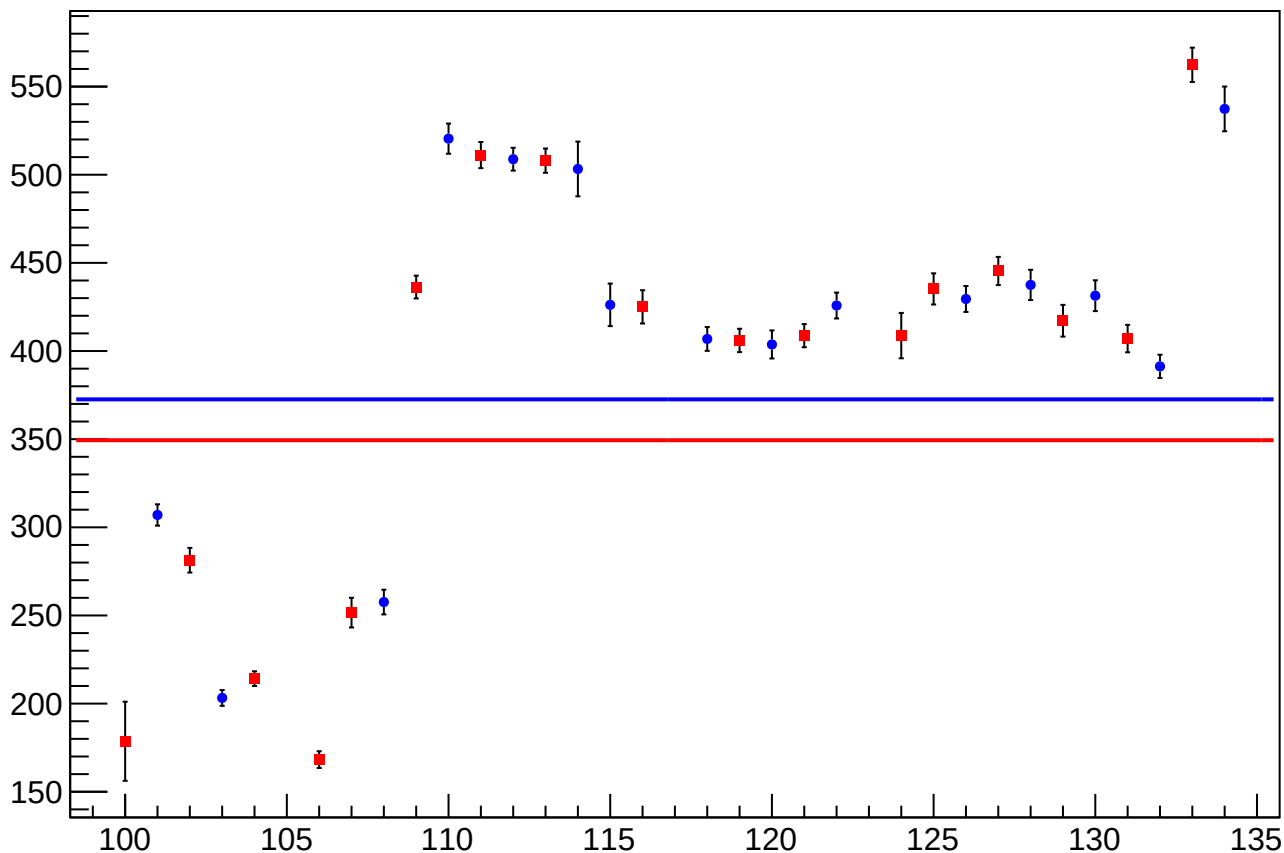
Right: 7.687+/-1.180 χ^2/NDF : 327.0/31

In: 6.501+/-1.740 χ^2/NDF :147.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.687+/-1.180 χ^2/NDF : 327.0/31

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.578+/-1.901 χ^2/NDF : 3080.5/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 349.403+/-1.734 χ^2/NDF : 5046.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

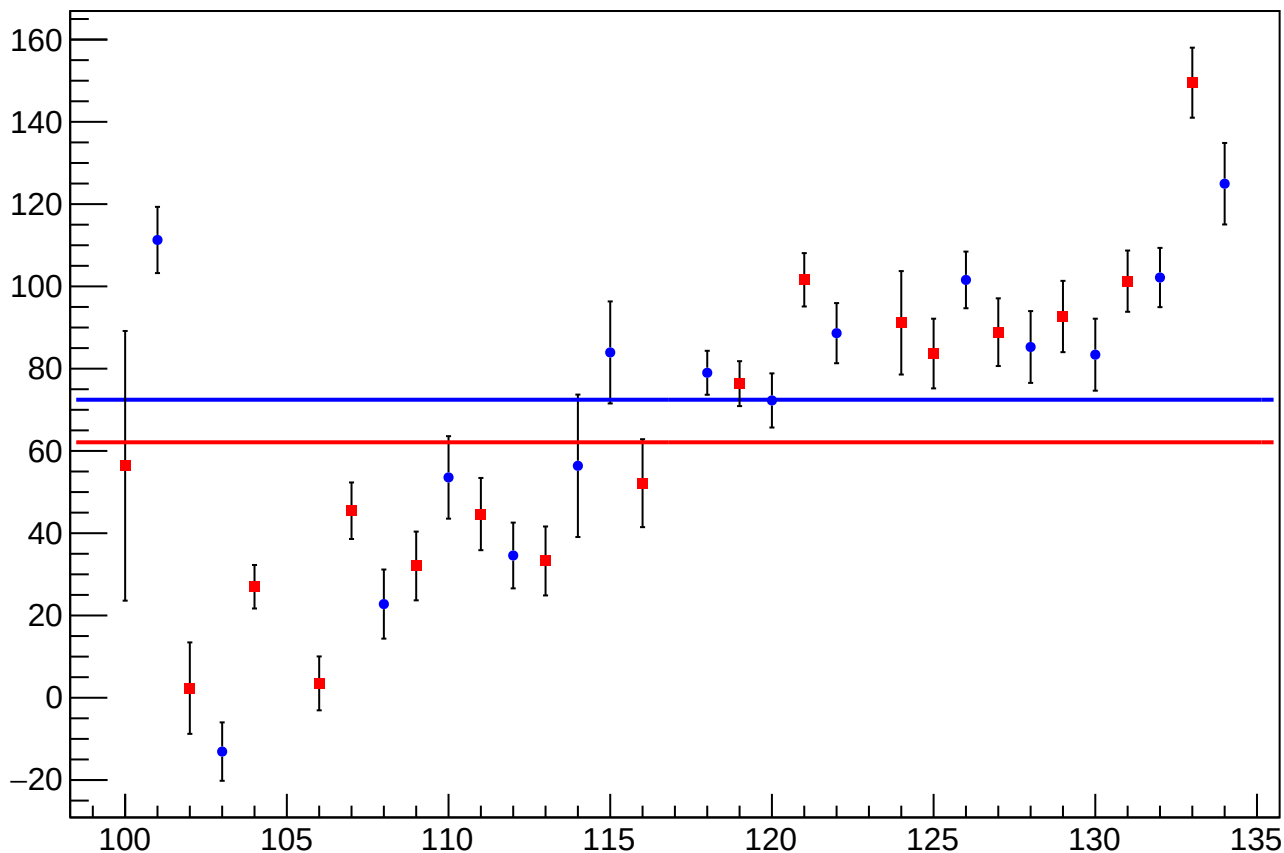
Right: 359.928+/-1.281 χ^2/NDF : 8207.9/31

In: 372.578+/-1.901 χ^2/NDF :3080.5/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 359.928+/-1.281 χ^2/NDF : 8207.9/31

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.448+/-2.048 χ^2/NDF : 304.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.101+/-1.900 χ^2/NDF : 400.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

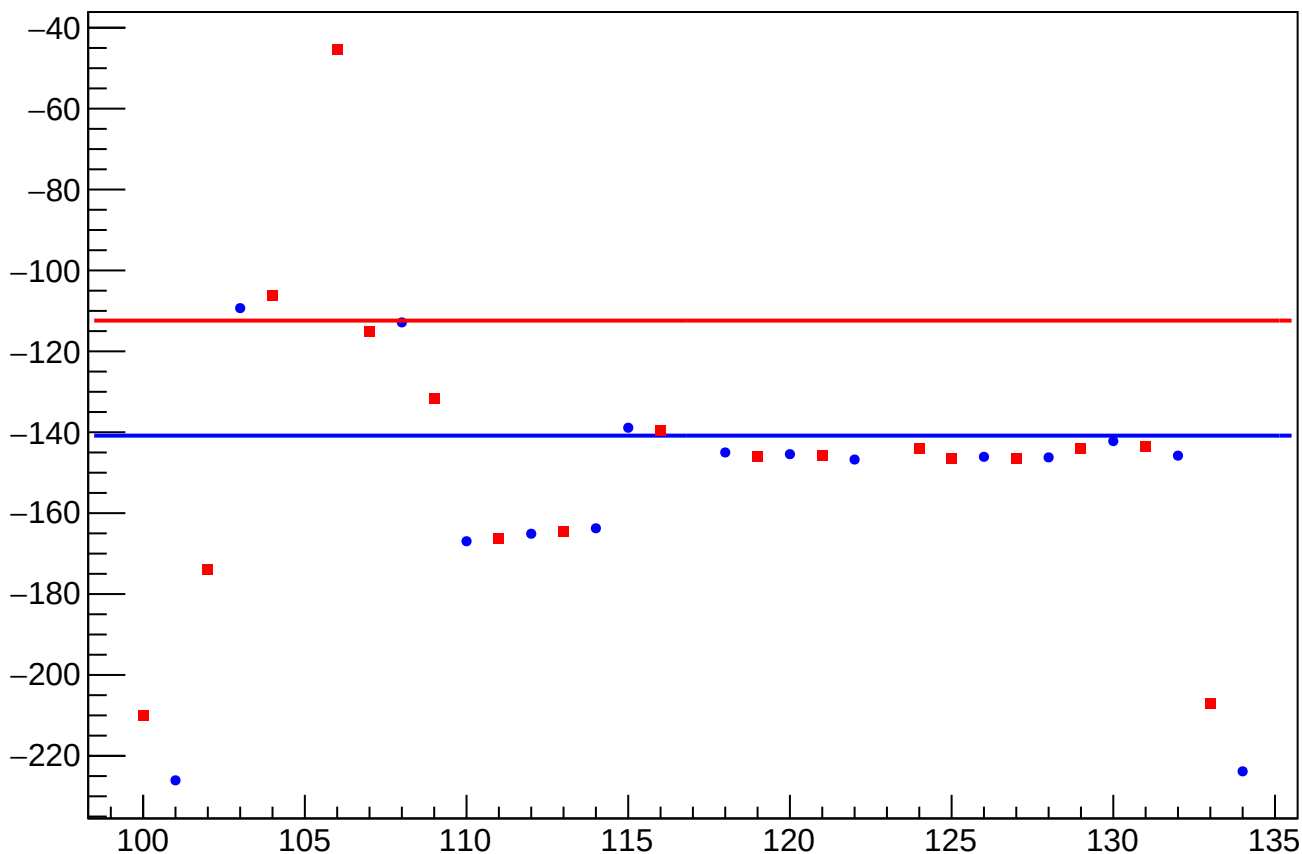
Right: 66.887+/-1.393 χ^2/NDF : 718.3/31

In: 72.448+/-2.048 χ^2/NDF : 304.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.887+/-1.393 χ^2/NDF : 718.3/31

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -140.836+/-0.112 χ^2/NDF : 125333.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.395+/-0.097 χ^2/NDF : 233465.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

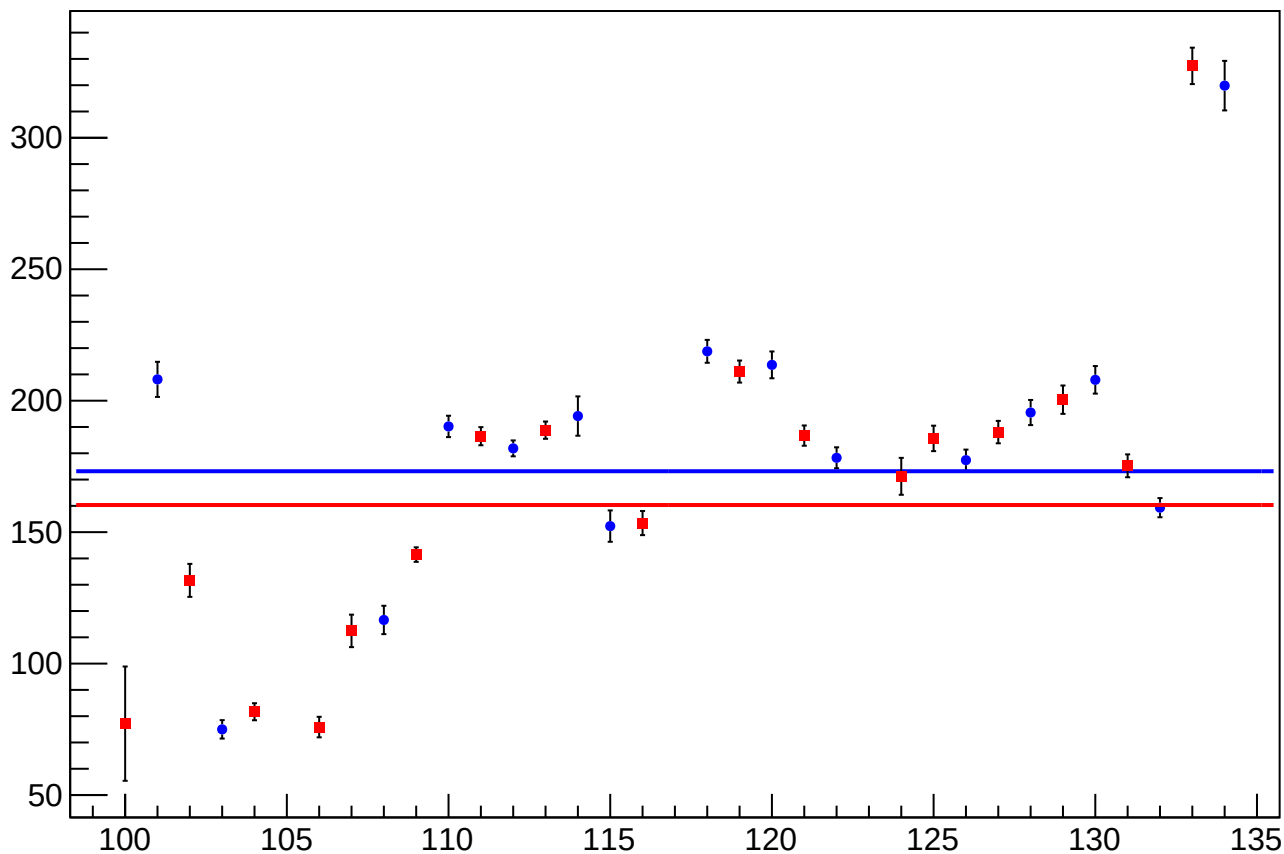
Right: -124.614+/-0.073 χ^2/NDF : 395524.8/31

In: -140.836+/-0.112 χ^2/NDF : 125333.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.614+/-0.073 χ^2/NDF : 395524.8/31

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.169+/-1.165 χ^2/NDF : 1467.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.319+/-1.043 χ^2/NDF : 2248.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

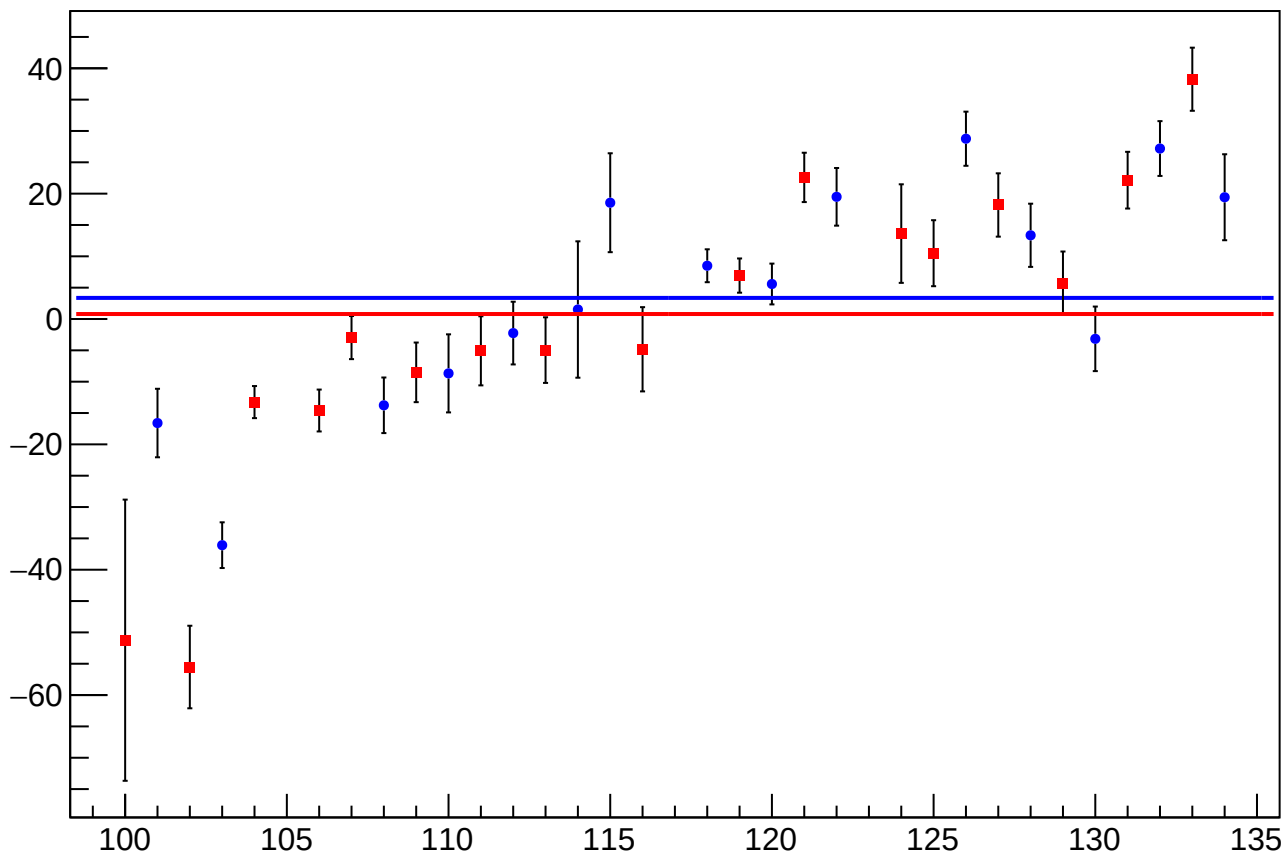
Right: 166.035+/-0.777 χ^2/NDF : 3782.8/31

In: 173.169+/-1.165 χ^2/NDF : 1467.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.035+/-0.777 χ^2/NDF : 3782.8/31

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.367+/-1.162 χ^2/NDF : 245.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.795+/-1.051 χ^2/NDF : 270.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

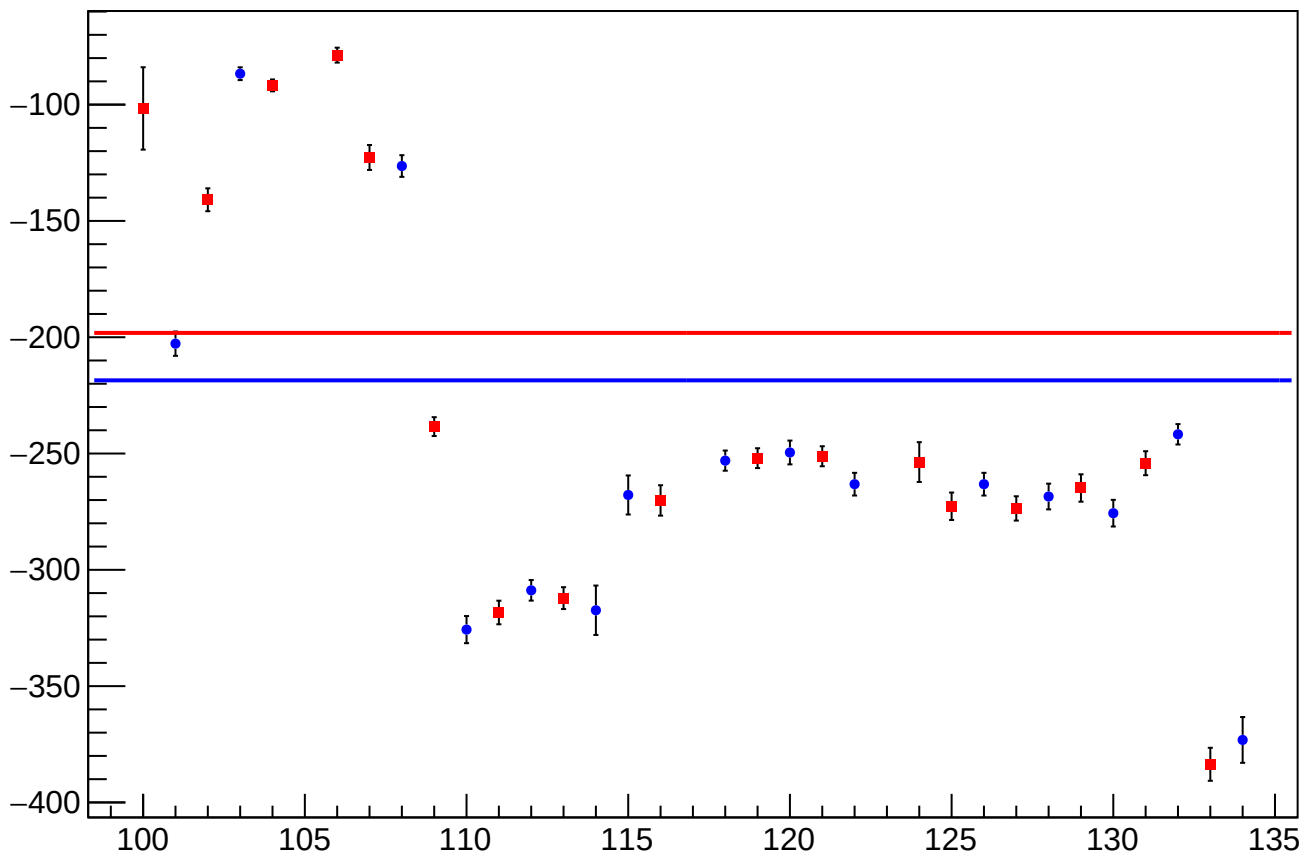
Right: 1.952+/-0.779 χ^2/NDF : 518.7/31

In: 3.367+/-1.162 χ^2/NDF :245.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.952+/-0.779 χ^2/NDF : 518.7/31

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.541+/-1.271 χ^2/NDF : 4299.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -198.144+/-1.138 χ^2/NDF : 6500.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

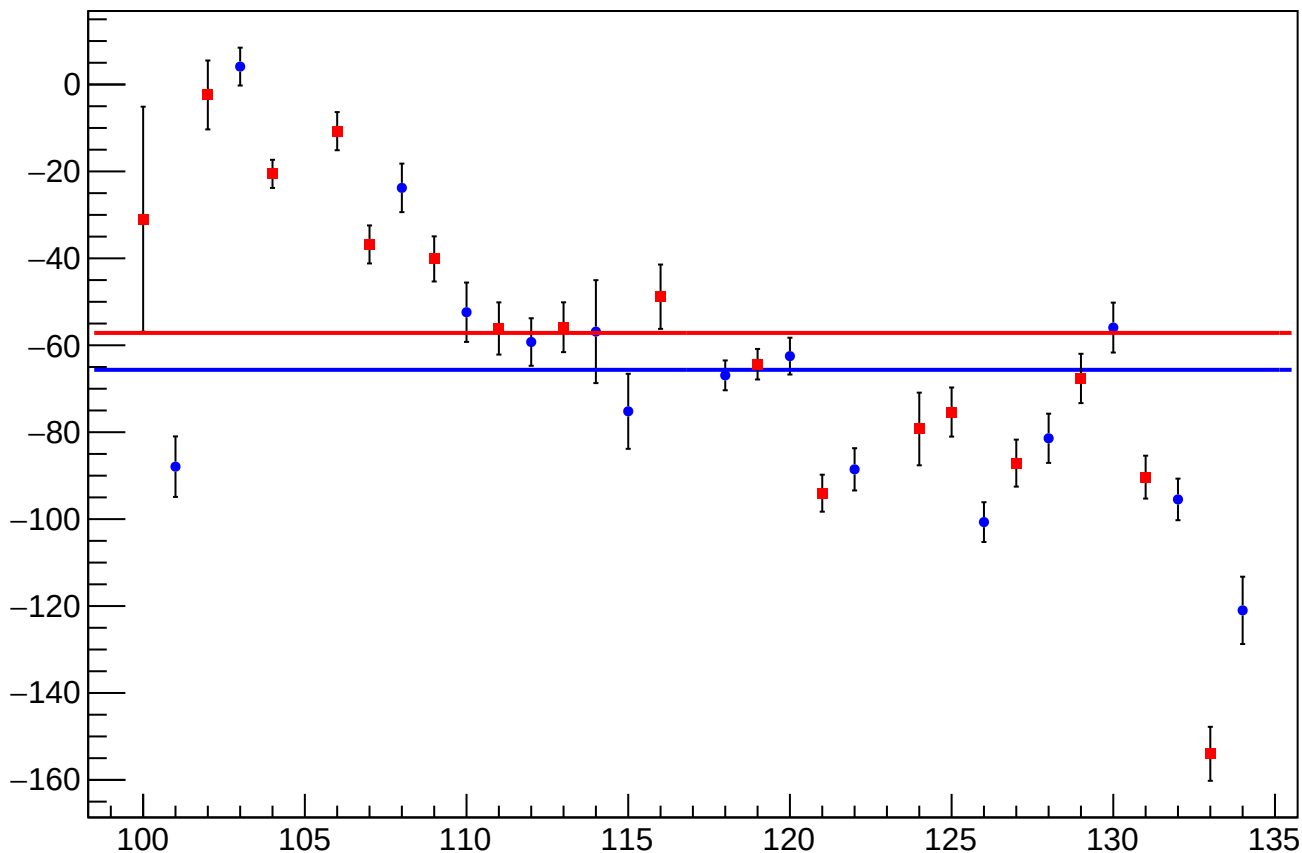
Right: -207.225+/-0.848 χ^2/NDF : 10942.3/31

In: -218.541+/-1.271 χ^2/NDF : 4299.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.225+/-0.848 χ^2/NDF : 10942.3/31

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -65.648 $\pm$ 1.369 χ^2 /NDF: 512.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.159 $\pm$ 1.245 χ^2 /NDF: 741.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

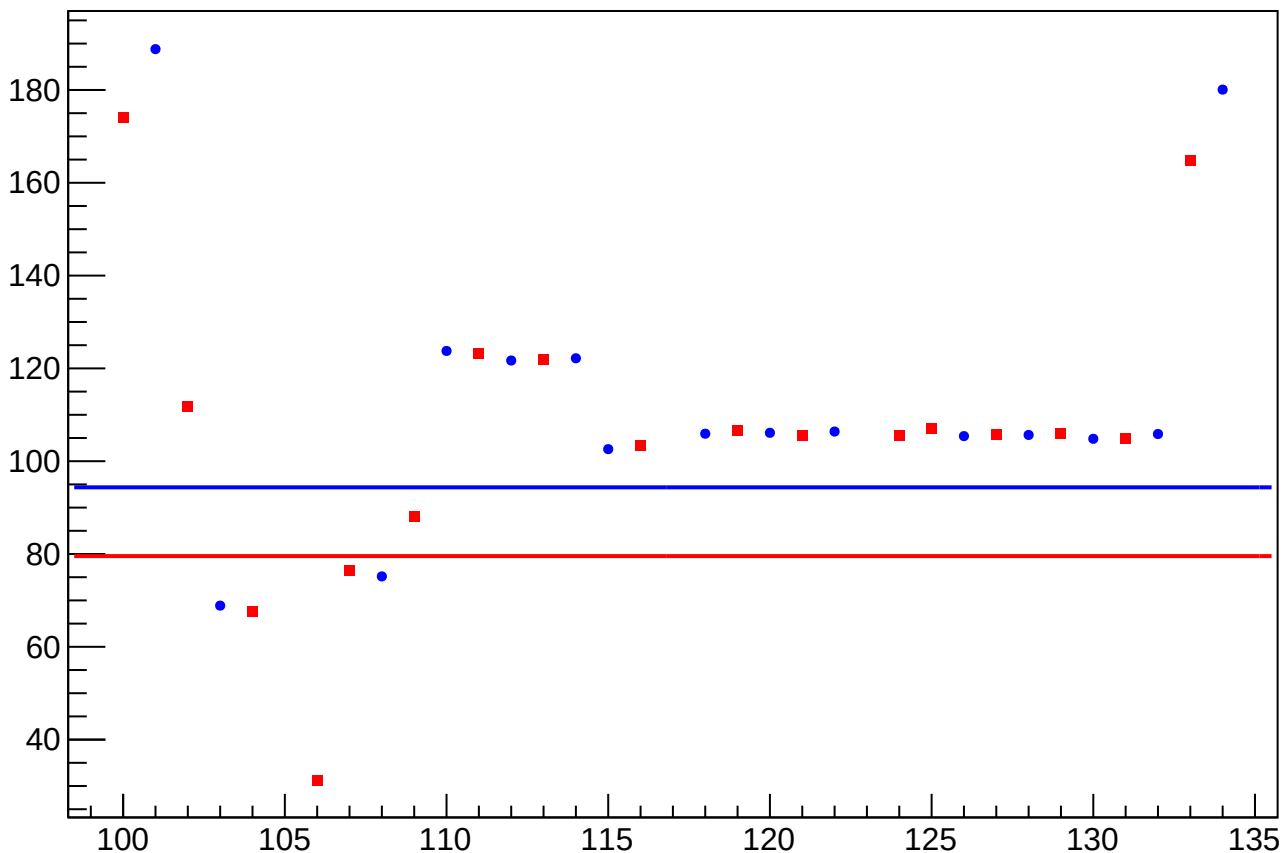
Right: -61.003 $\pm$ 0.921 χ^2 /NDF: 1275.1/31

In: -65.648 $\pm$ 1.369 χ^2 /NDF:512.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.003 $\pm$ 0.921 χ^2 /NDF: 1275.1/31

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 94.369+/-0.074 χ^2/NDF : 214299.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.546+/-0.066 χ^2/NDF : 232411.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

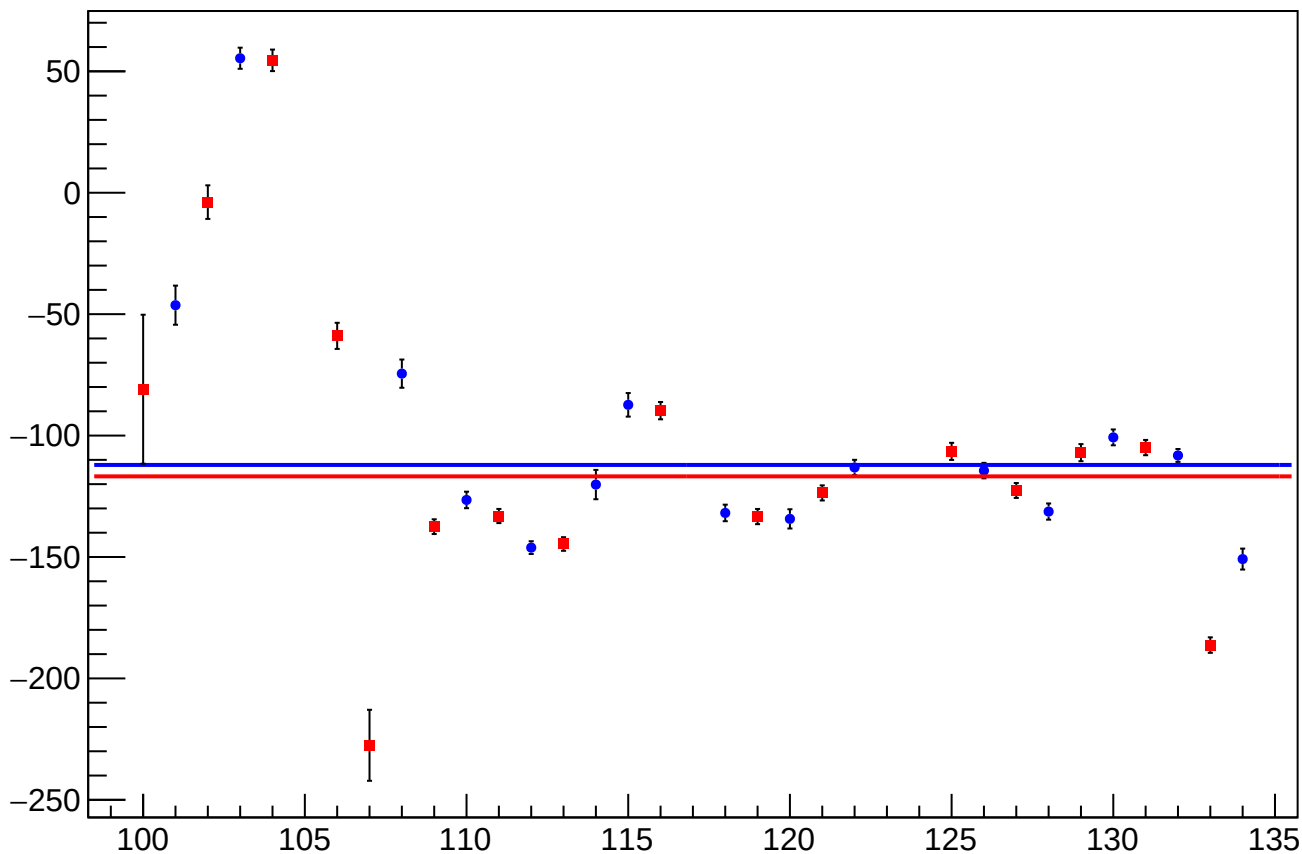
Right: 86.094+/-0.049 χ^2/NDF : 469014.8/31

In: 94.369+/-0.074 χ^2/NDF : 214299.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.094+/-0.049 χ^2/NDF : 469014.8/31

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -112.090 $\pm$ 0.942 χ^2 /NDF: 1997.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -116.794 $\pm$ 0.907 χ^2 /NDF: 2708.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

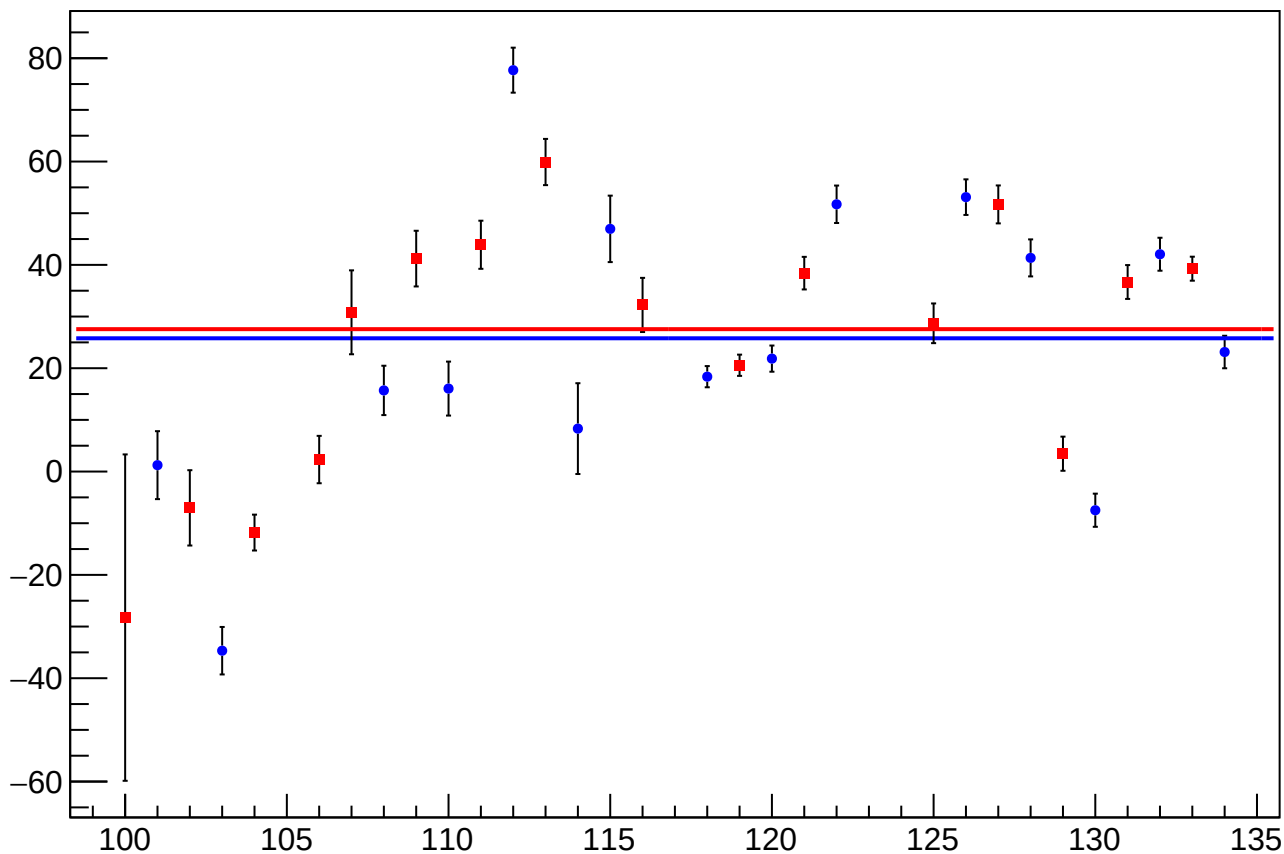
Right: -114.530 $\pm$ 0.653 χ^2 /NDF: 4718.5/30

In: -112.090 $\pm$ 0.942 χ^2 /NDF:1997.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -114.530 $\pm$ 0.653 χ^2 /NDF: 4718.5/30

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.792+/-0.925 χ^2/NDF : 634.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.560+/-0.920 χ^2/NDF : 409.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

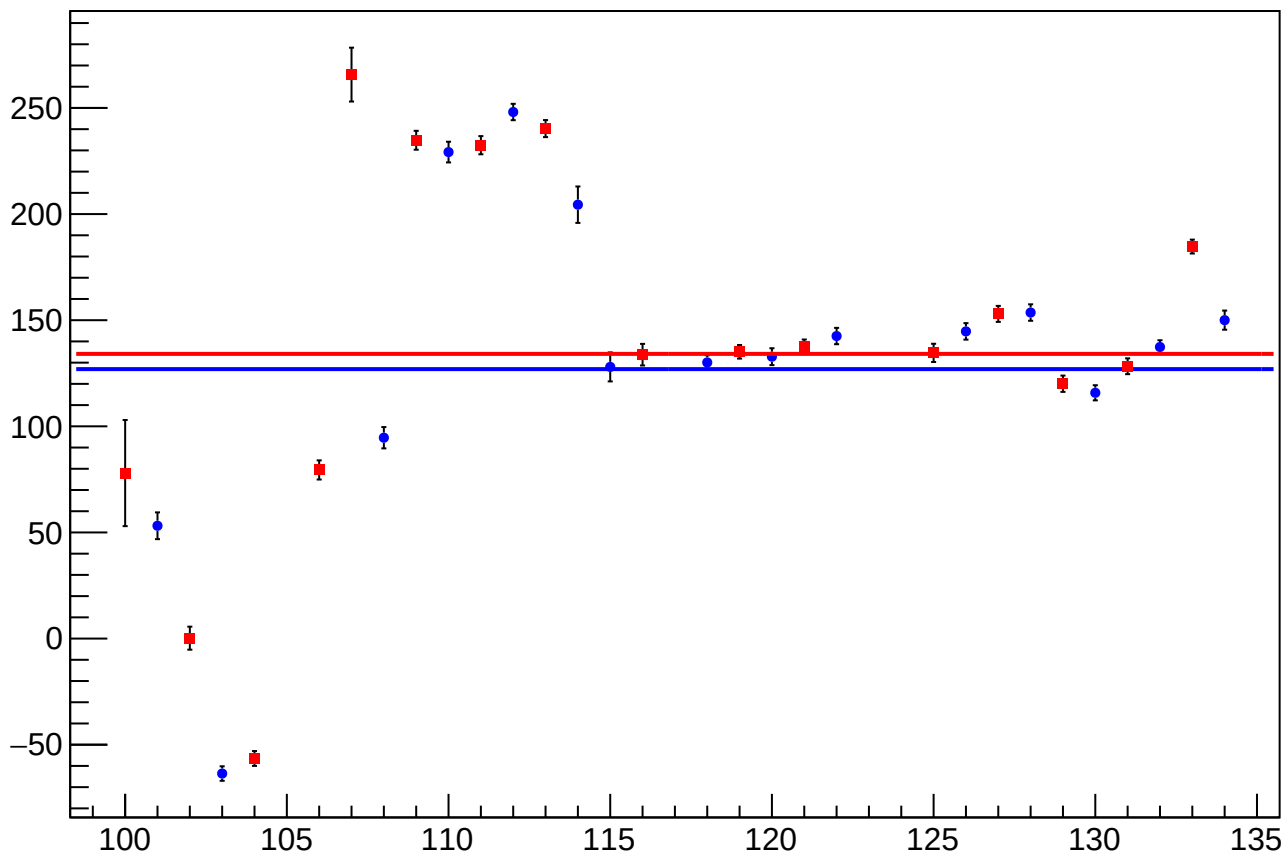
Right: 26.681+/-0.652 χ^2/NDF : 1046.0/30

In: 25.792+/-0.925 χ^2/NDF : 634.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.681+/-0.652 χ^2/NDF : 1046.0/30

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 126.952 $\pm$ 1.071 χ^2 /NDF: 4933.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.129 $\pm$ 1.044 χ^2 /NDF: 5855.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

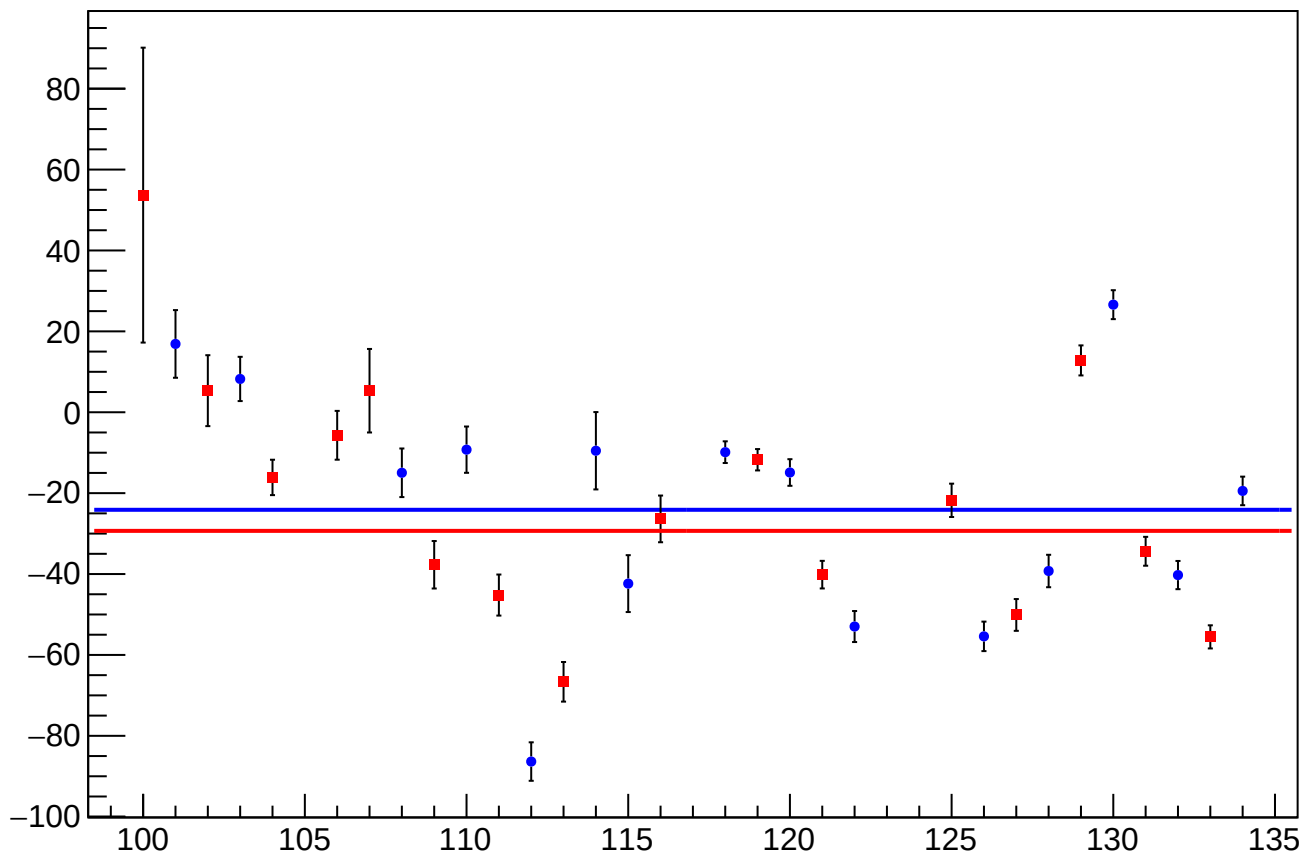
Right: 130.634 $\pm$ 0.748 χ^2 /NDF: 10812.7/30

In: 126.952 $\pm$ 1.071 χ^2 /NDF:4933.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.634 $\pm$ 0.748 χ^2 /NDF: 10812.7/30

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.115 ± 1.079 χ^2/NDF : 653.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.327 ± 1.073 χ^2/NDF : 427.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

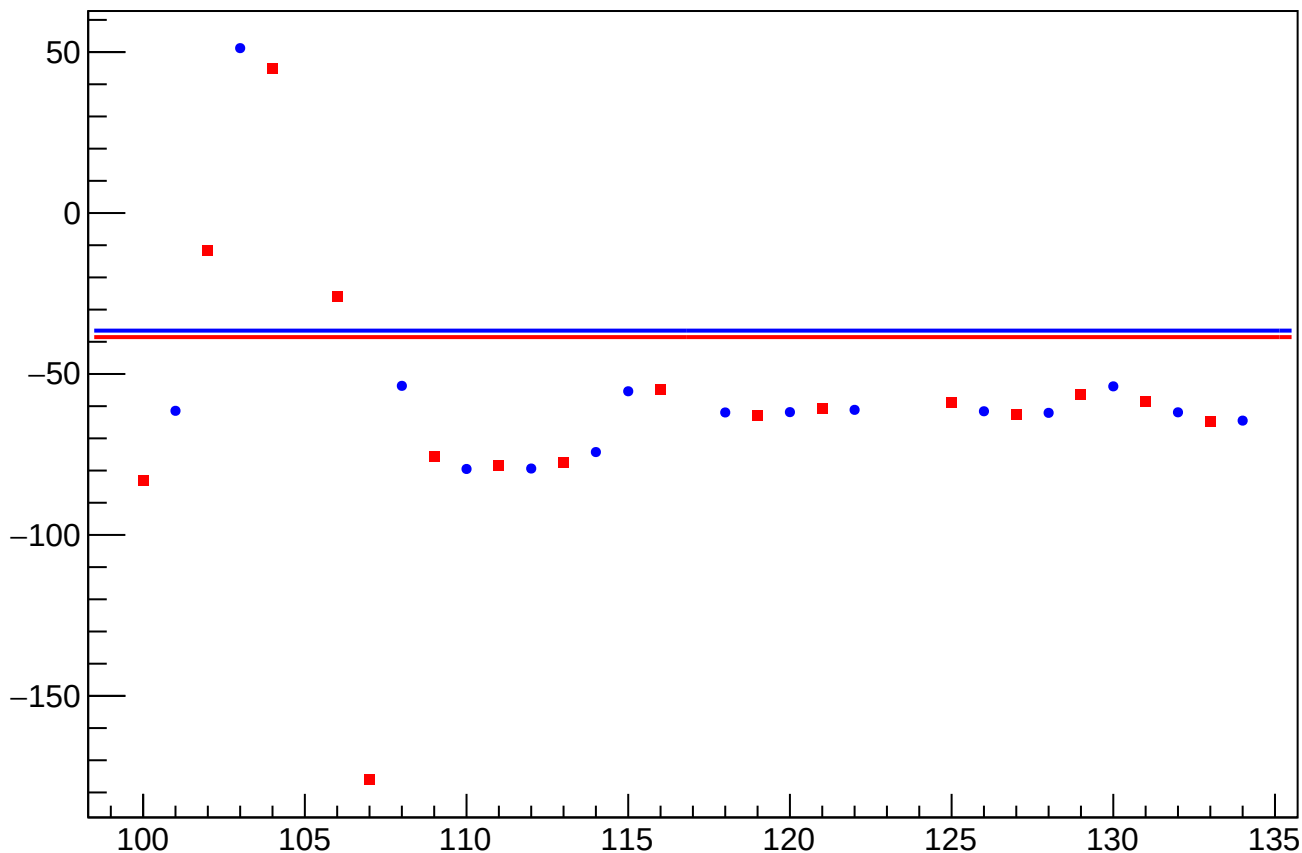
Right: -26.736 ± 0.761 χ^2/NDF : 1092.2/30

In: -24.115 ± 1.079 χ^2/NDF : 653.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.736 ± 0.761 χ^2/NDF : 1092.2/30

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.530+/-0.068 χ^2/NDF : 500927.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.546+/-0.070 χ^2/NDF : 430092.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

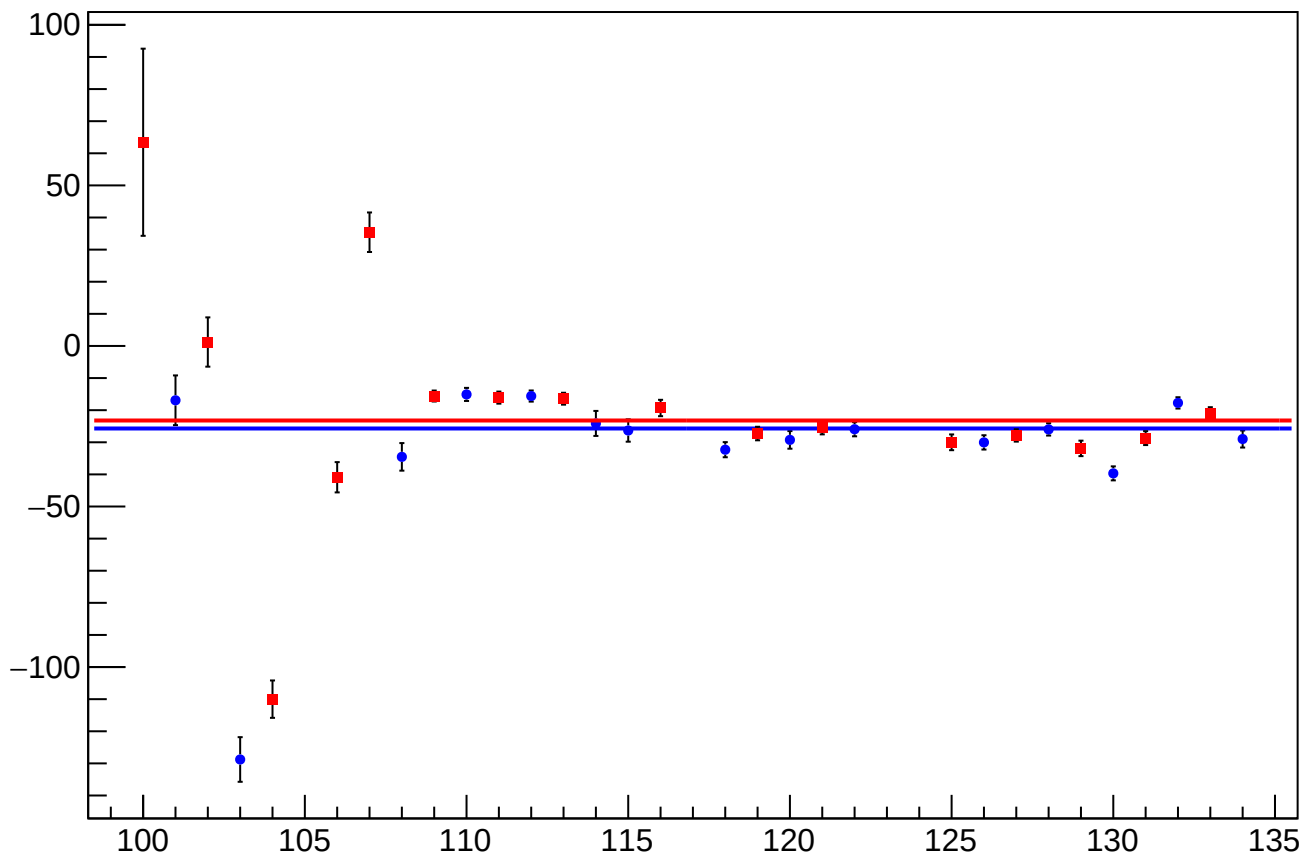
Right: -37.512+/-0.049 χ^2/NDF : 931450.7/30

In: -36.530+/-0.068 χ^2/NDF : 500927.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.512+/-0.049 χ^2/NDF : 931450.7/30

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.705 ± 0.635 $\chi^2/\text{NDF}: 363.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.214 ± 0.611 $\chi^2/\text{NDF}: 434.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

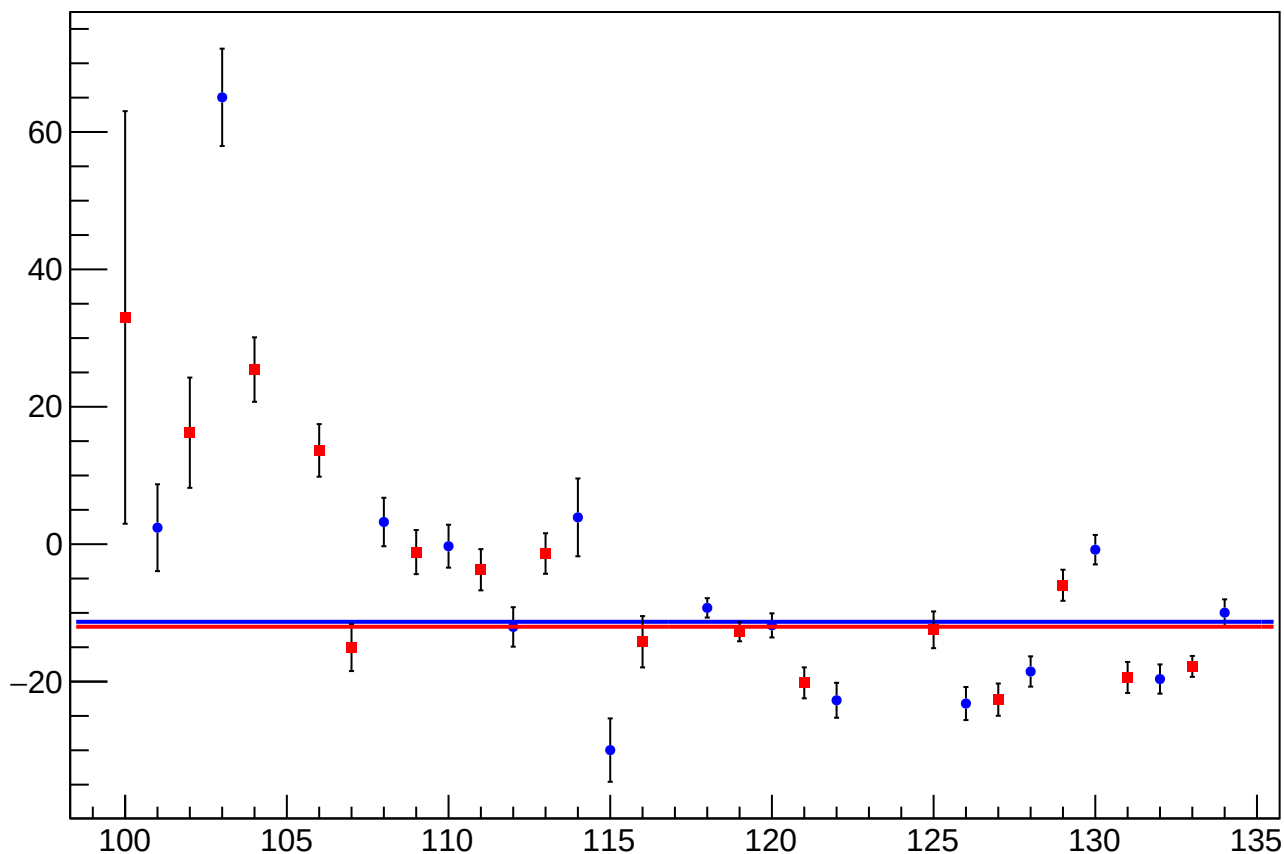
Right: -24.412 ± 0.441 $\chi^2/\text{NDF}: 805.6/30$

In: -25.705 ± 0.635 $\chi^2/\text{NDF}: 363.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.412 ± 0.441 $\chi^2/\text{NDF}: 805.6/30$

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.297 ± 0.634 χ^2/NDF : 271.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.016 ± 0.637 χ^2/NDF : 222.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

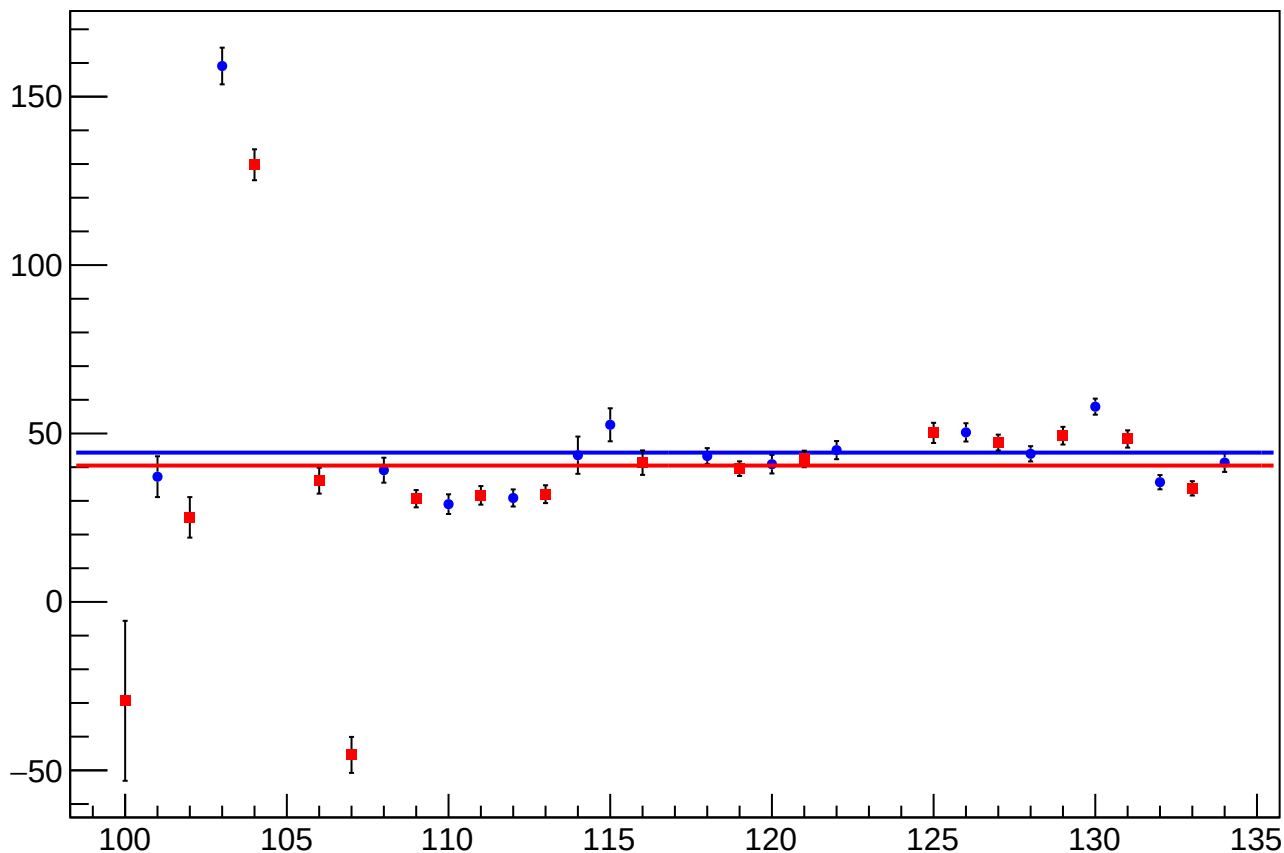
Right: -11.654 ± 0.449 χ^2/NDF : 494.2/30

In: -11.297 ± 0.634 χ^2/NDF : 271.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.654 ± 0.449 χ^2/NDF : 494.2/30

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.327+/-0.747 χ^2/NDF : 563.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.484+/-0.732 χ^2/NDF : 739.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

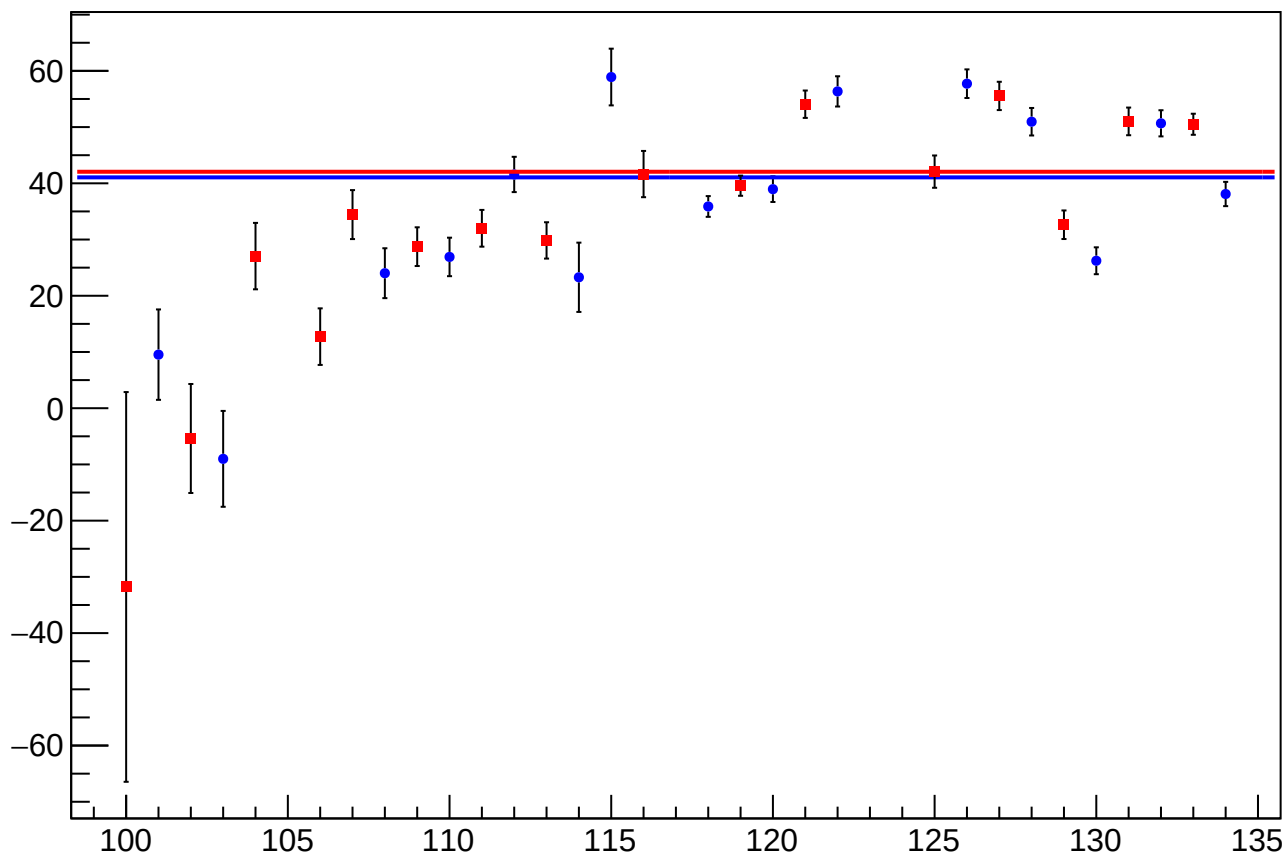
Right: 42.364+/-0.523 χ^2/NDF : 1316.2/30

In: 44.327+/-0.747 χ^2/NDF : 563.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.364+/-0.523 χ^2/NDF : 1316.2/30

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.057+/-0.735 χ^2/NDF : 260.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.056+/-0.739 χ^2/NDF : 213.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

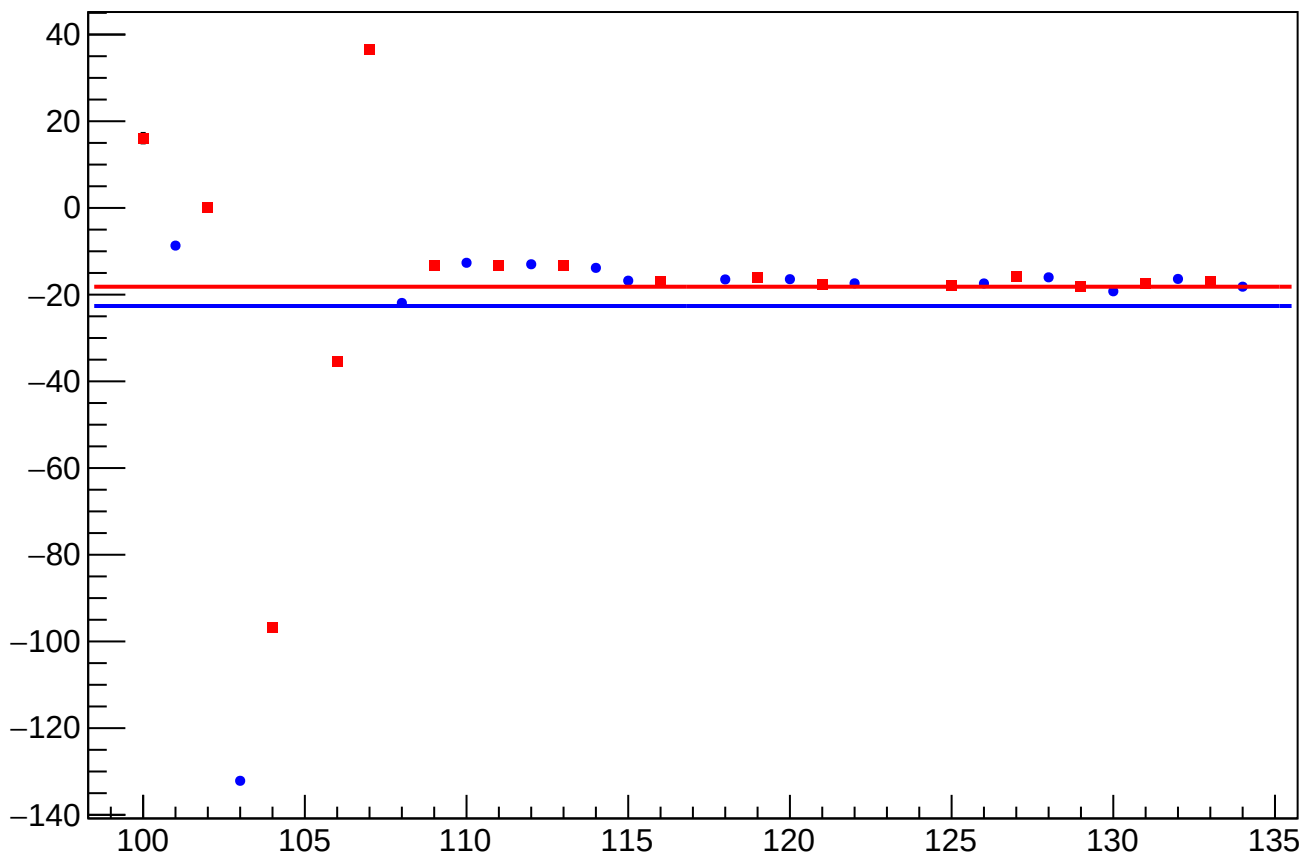
Right: 41.553+/-0.521 χ^2/NDF : 474.2/30

In: 41.057+/-0.735 χ^2/NDF : 260.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.553+/-0.521 χ^2/NDF : 474.2/30

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.621+/-0.050 χ^2/NDF : 239282.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -18.173+/-0.052 χ^2/NDF : 203571.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

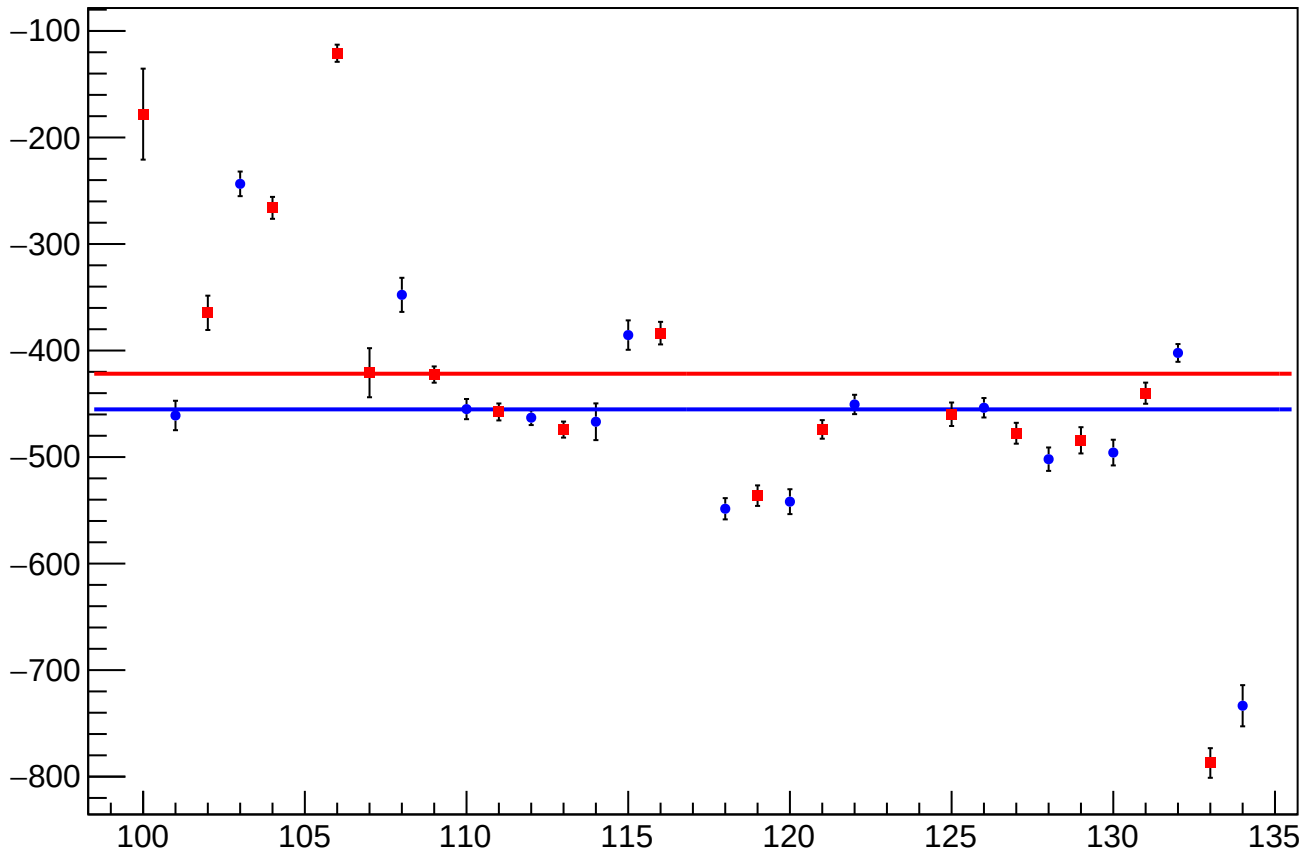
Right: -20.490+/-0.036 χ^2/NDF : 446597.3/30

In: -22.621+/-0.050 χ^2/NDF :239282.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.490+/-0.036 χ^2/NDF : 446597.3/30

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -455.231+/-2.765 χ^2/NDF : 828.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -421.760+/-2.539 χ^2/NDF : 2693.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

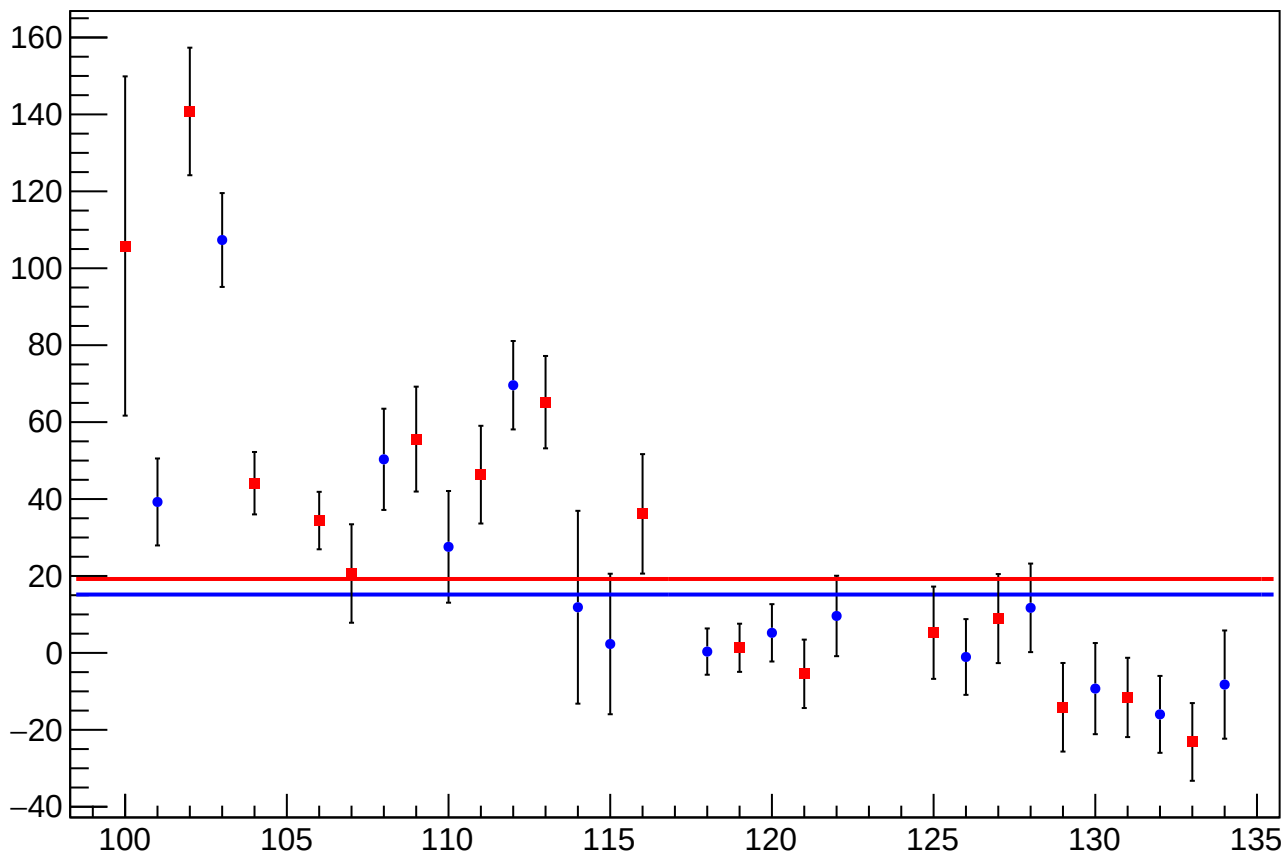
Right: -437.073+/-1.870 χ^2/NDF : 3601.3/30

In: -455.231+/-2.765 χ^2/NDF : 828.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.073+/-1.870 χ^2/NDF : 3601.3/30

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.173+/-2.752 χ^2/NDF : 120.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.218+/-2.623 χ^2/NDF : 151.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

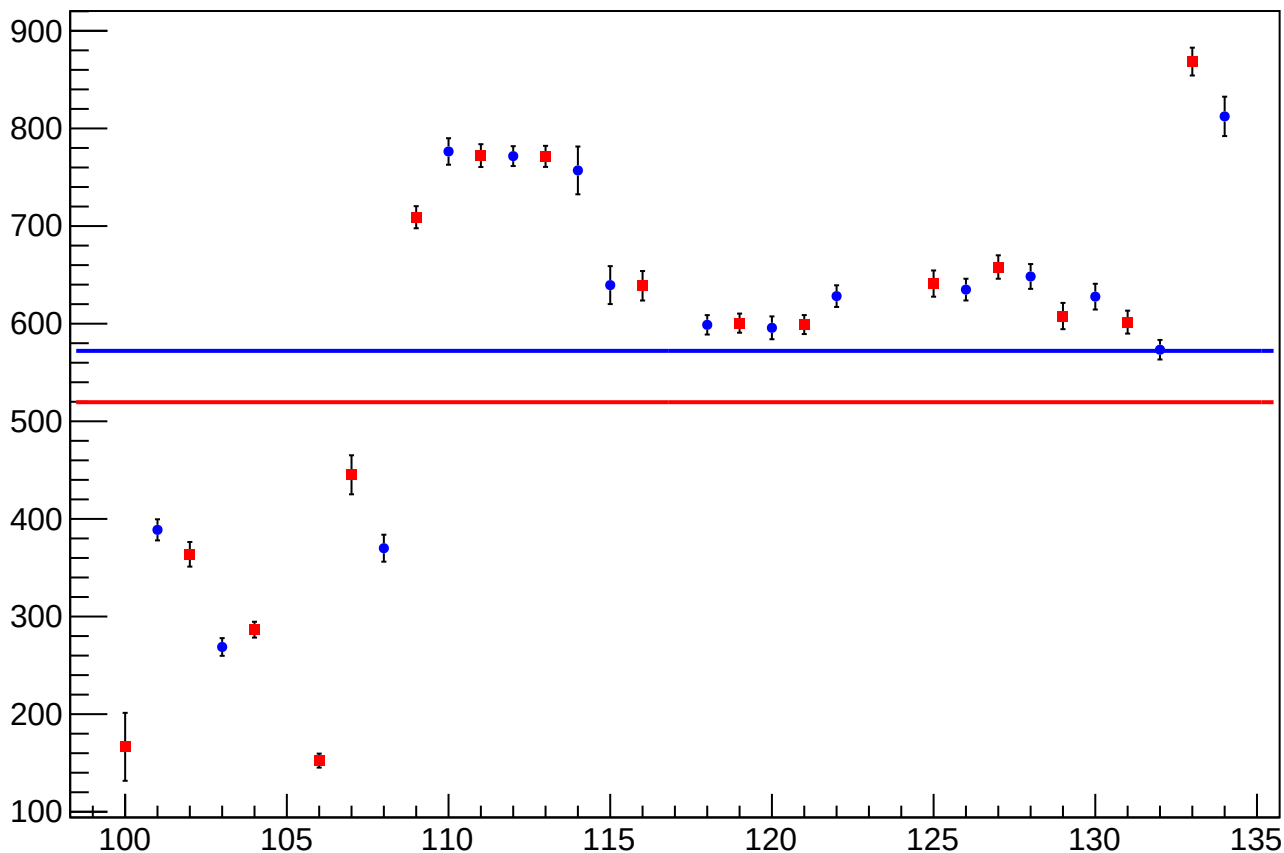
Right: 17.292+/-1.899 χ^2/NDF : 272.8/30

In: 15.173+/-2.752 χ^2/NDF : 120.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.292+/-1.899 χ^2/NDF : 272.8/30

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 572.154+/-3.111 χ^2/NDF : 2565.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 519.560+/-2.845 χ^2/NDF : 6113.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

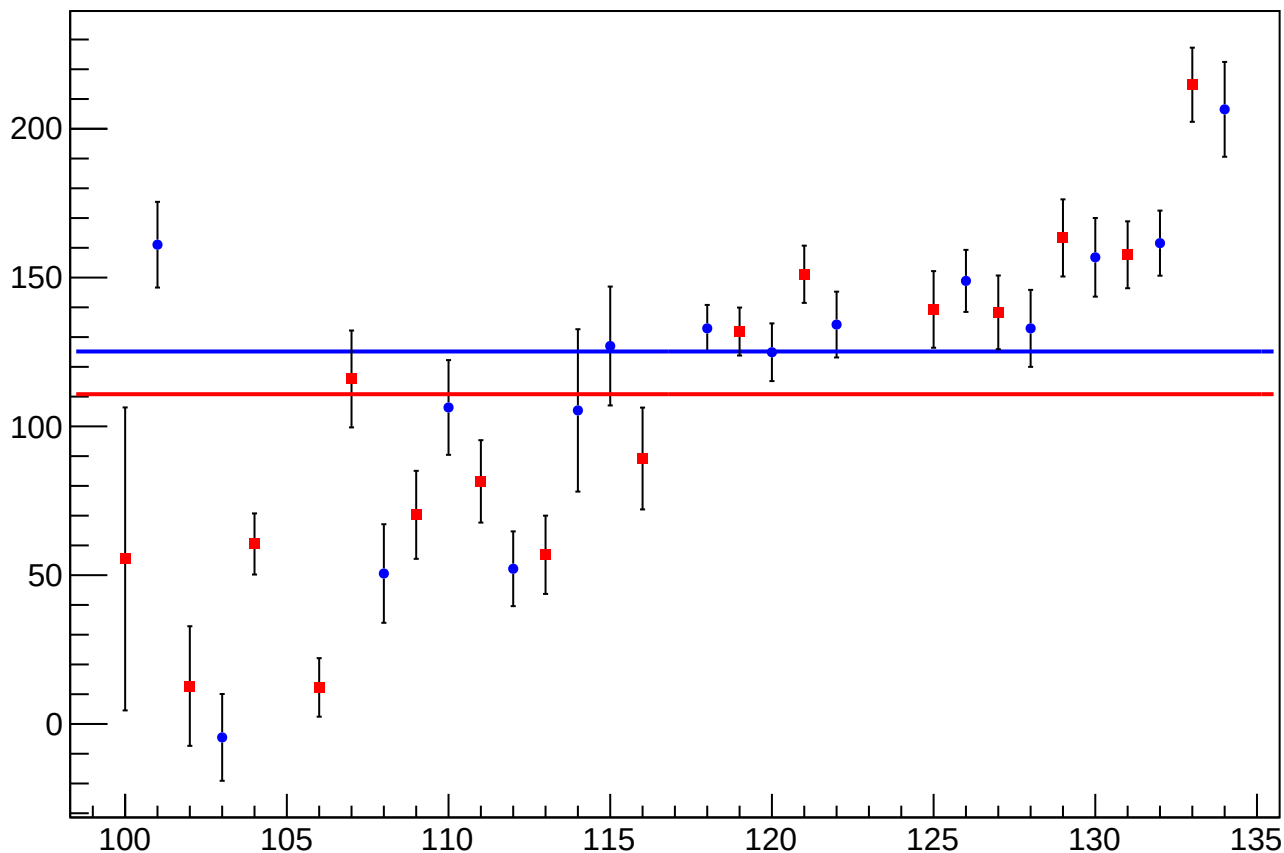
Right: 543.517+/-2.099 χ^2/NDF : 8834.9/30

In: 572.154+/-3.111 χ^2/NDF :2565.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 543.517+/-2.099 χ^2/NDF : 8834.9/30

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 125.168+/-3.236 χ^2/NDF : 191.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.814+/-3.093 χ^2/NDF : 317.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

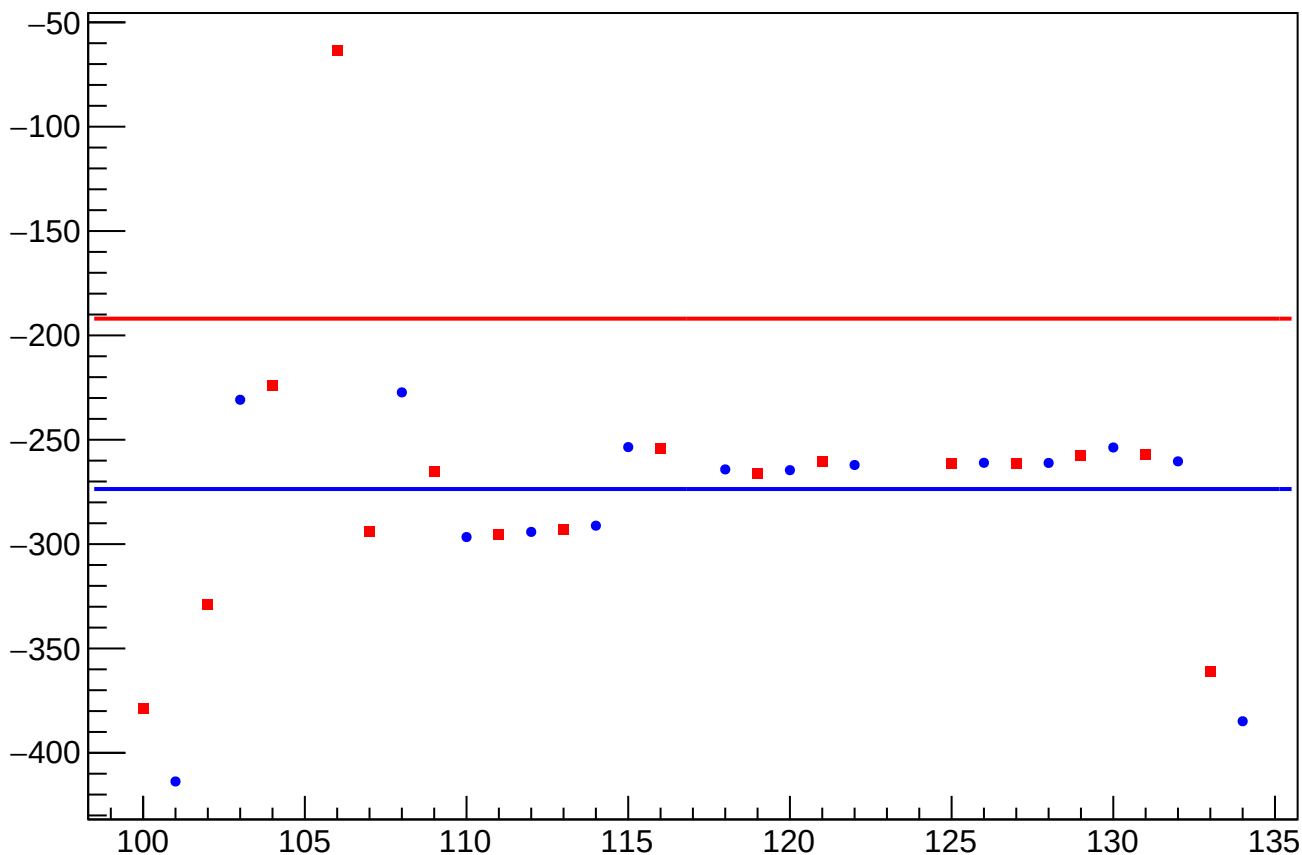
Right: 117.667+/-2.236 χ^2/NDF : 519.2/30

In: 125.168+/-3.236 χ^2/NDF :191.3/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.667+/-2.236 χ^2/NDF : 519.2/30

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -273.605+/-0.197 χ^2/NDF : 87299.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -191.975+/-0.158 χ^2/NDF : 448547.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

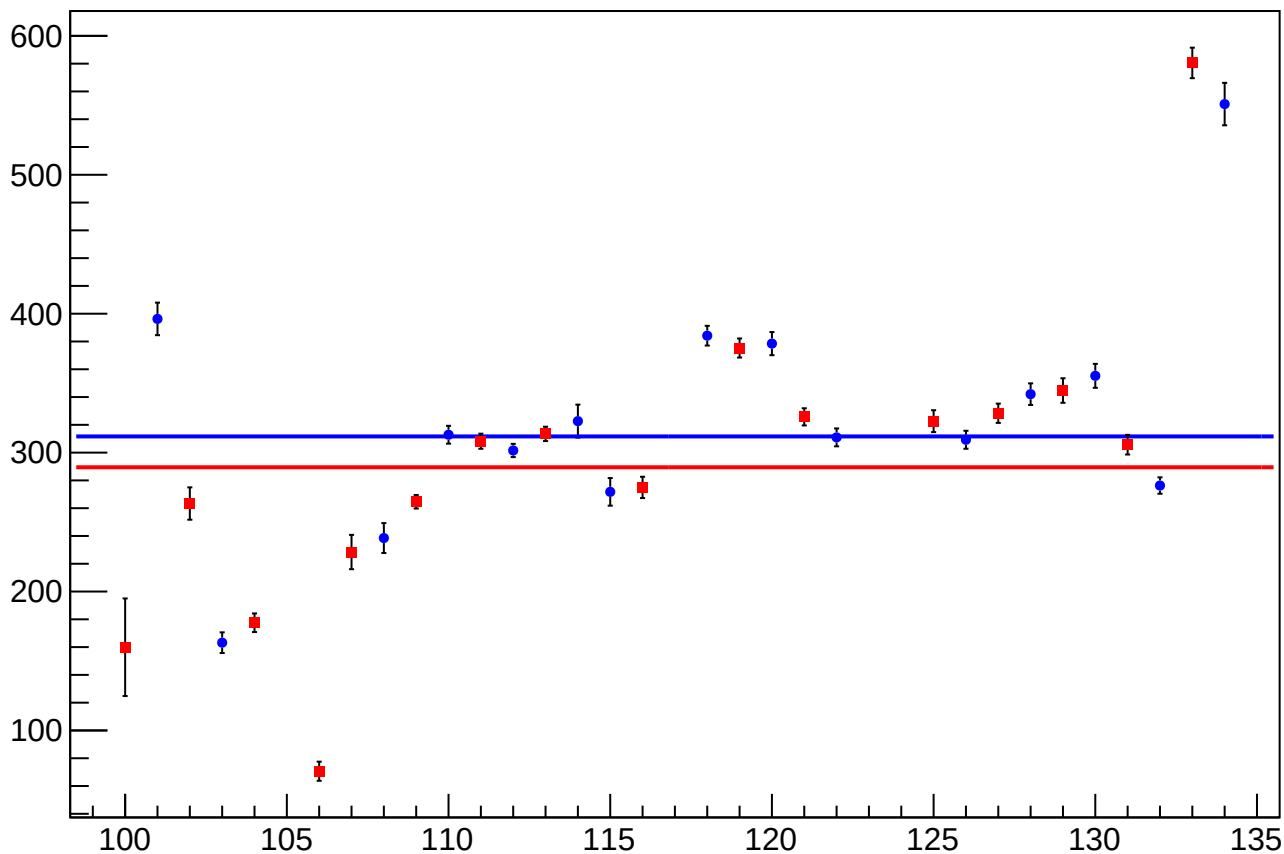
Right: -223.968+/-0.123 χ^2/NDF : 640219.5/30

In: -273.605+/-0.197 χ^2/NDF : 87299.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.968+/-0.123 χ^2/NDF : 640219.5/30

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 311.660 $\pm$ 1.944 χ^2 /NDF: 1008.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 289.447 $\pm$ 1.785 χ^2 /NDF: 2379.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

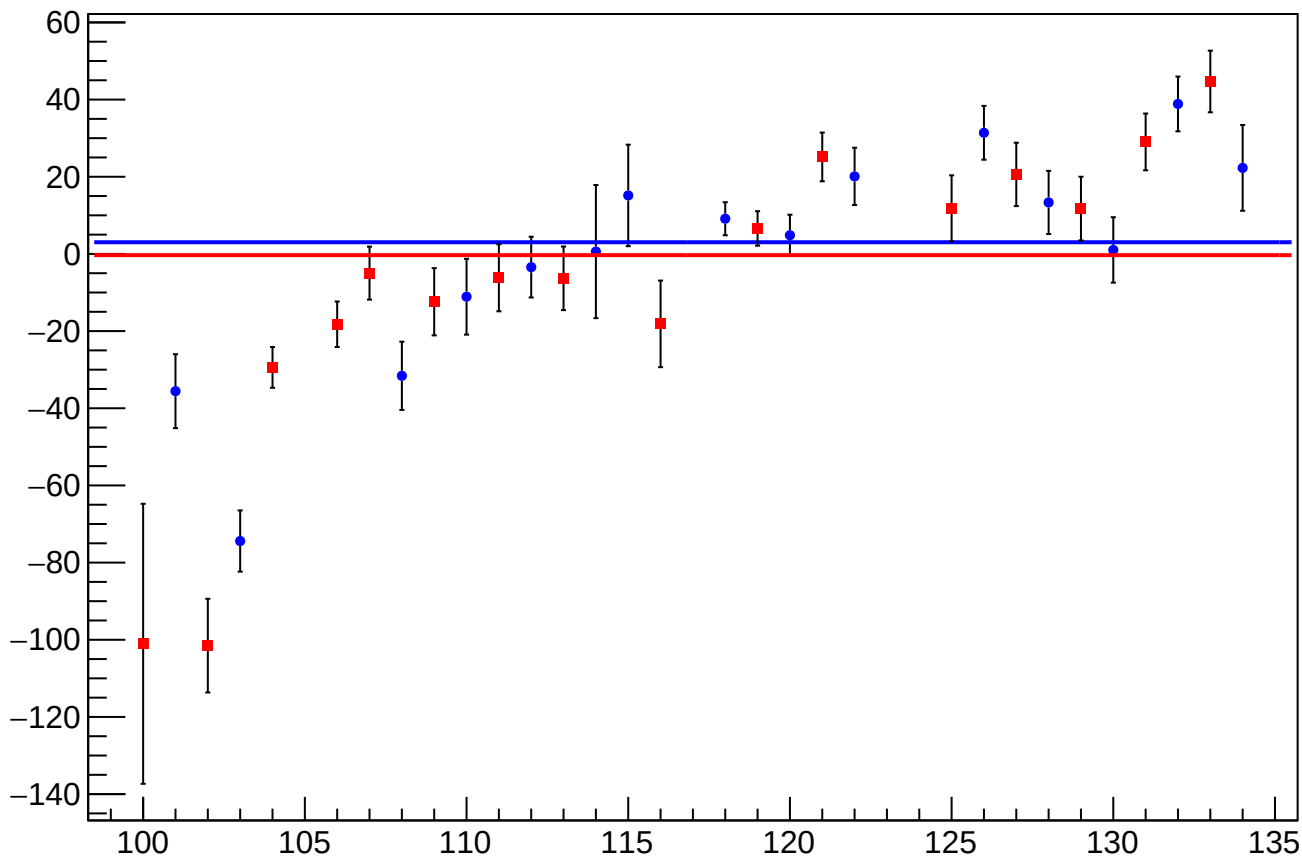
Right: 299.613 $\pm$ 1.315 χ^2 /NDF: 3458.5/30

In: 311.660 $\pm$ 1.944 χ^2 /NDF:1008.1/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.613 $\pm$ 1.315 χ^2 /NDF: 3458.5/30

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.029+/-1.959 χ^2/NDF : 184.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.322+/-1.841 χ^2/NDF : 199.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

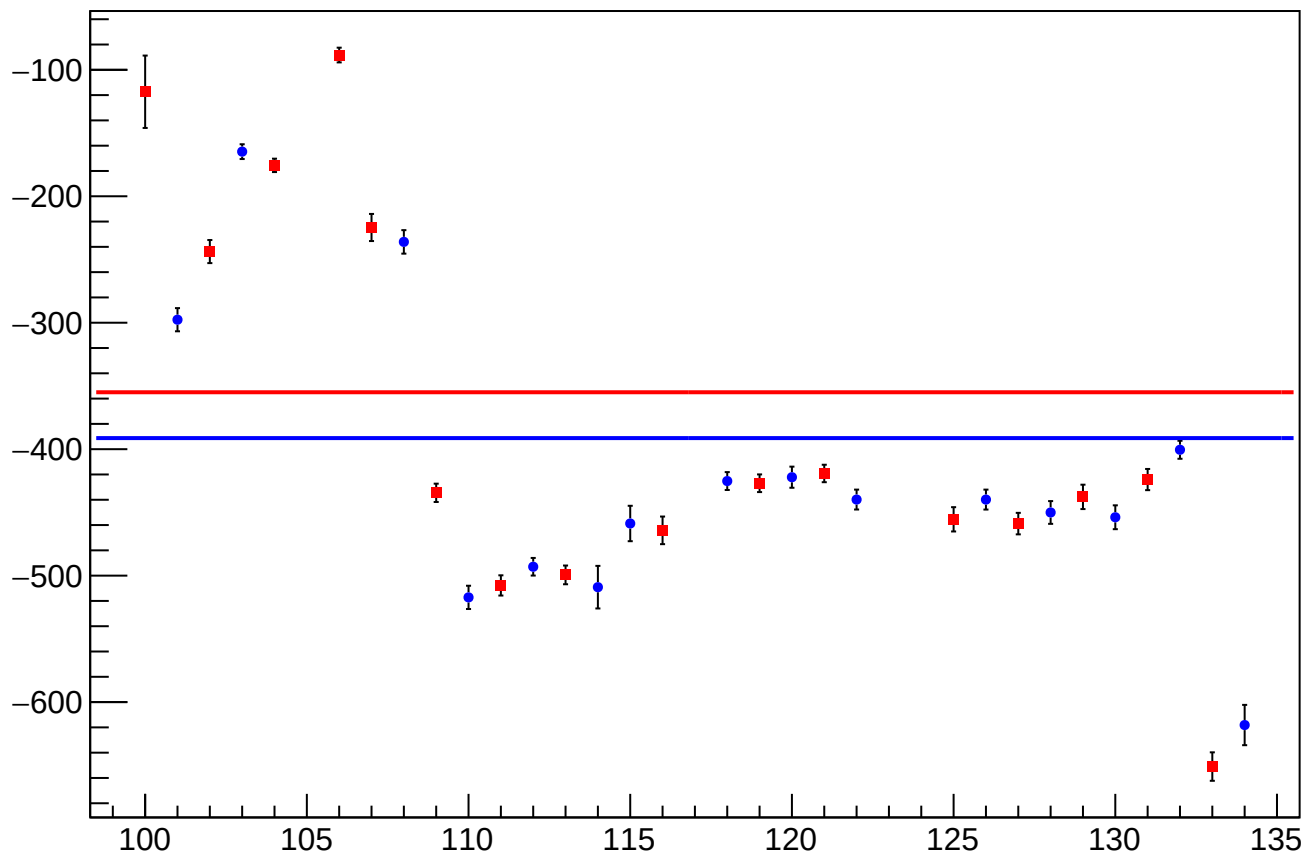
Right: 1.250+/-1.342 χ^2/NDF : 385.7/30

In: 3.029+/-1.959 χ^2/NDF : 184.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.250+/-1.342 χ^2/NDF : 385.7/30

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -391.232+/-2.194 χ^2/NDF : 2762.2/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -354.985+/-2.010 χ^2/NDF : 5858.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

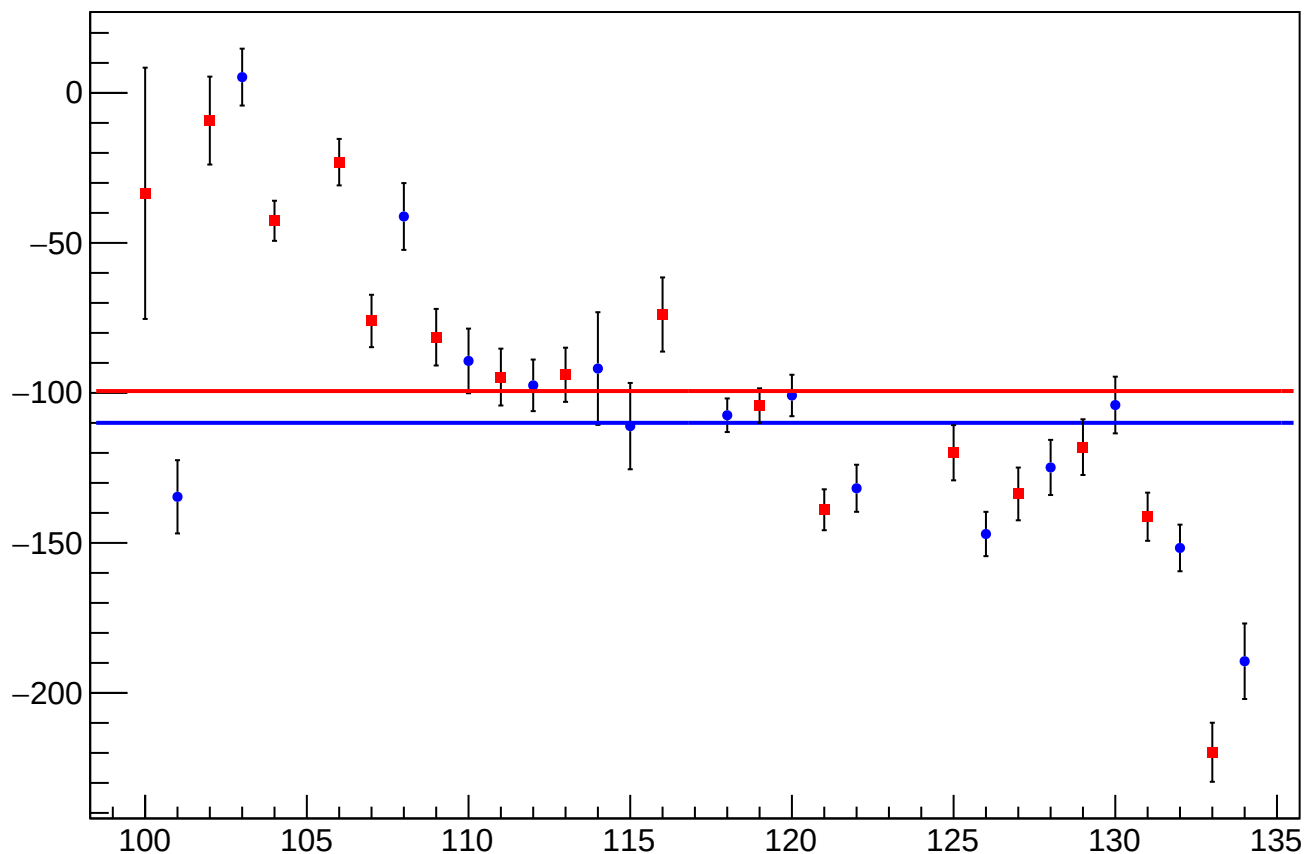
Right: -371.525+/-1.482 χ^2/NDF : 8768.7/30

In: -391.232+/-2.194 χ^2/NDF :2762.2/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -371.525+/-1.482 χ^2/NDF : 8768.7/30

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -109.973 ± 2.300 χ^2/NDF : 303.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -99.380 ± 2.169 χ^2/NDF : 460.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

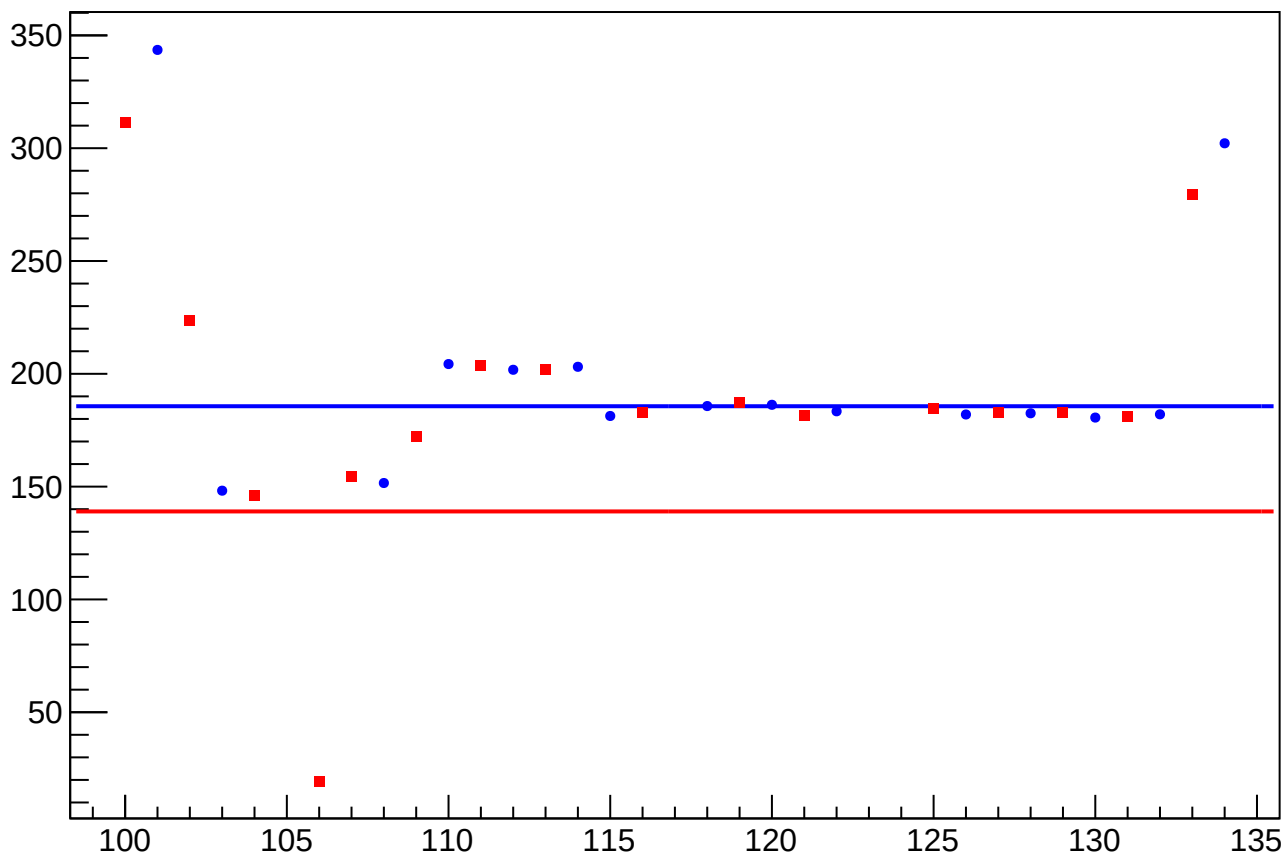
Right: -104.366 ± 1.578 χ^2/NDF : 775.0/30

In: -109.973 ± 2.300 χ^2/NDF : 303.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -104.366 ± 1.578 χ^2/NDF : 775.0/30

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 185.631+/-0.137 χ^2/NDF : 148326.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 139.003+/-0.118 χ^2/NDF : 414632.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

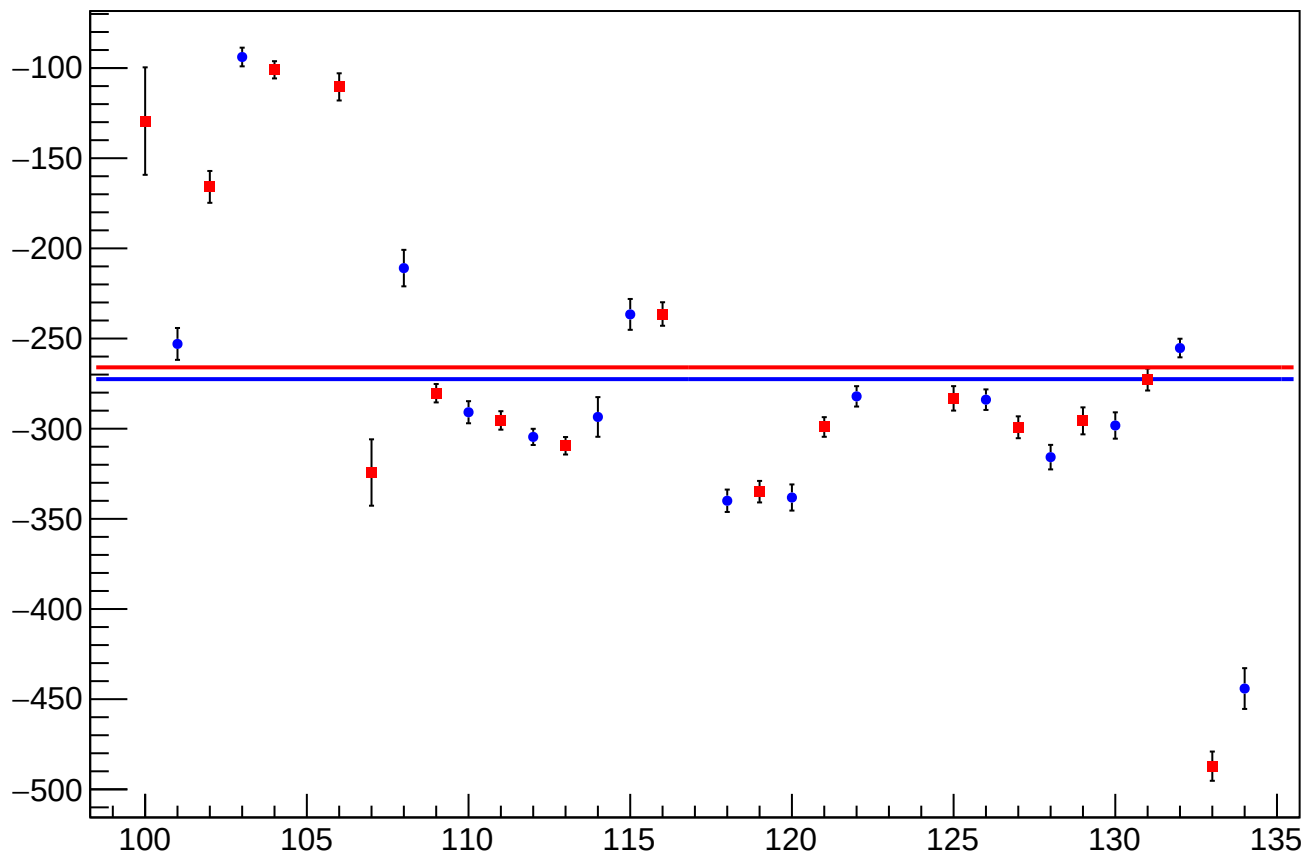
Right: 158.739+/-0.089 χ^2/NDF : 629553.4/30

In: 185.631+/-0.137 χ^2/NDF :148326.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 158.739+/-0.089 χ^2/NDF : 629553.4/30

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -272.515+/-1.688 χ^2/NDF : 1815.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -265.974+/-1.598 χ^2/NDF : 2886.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

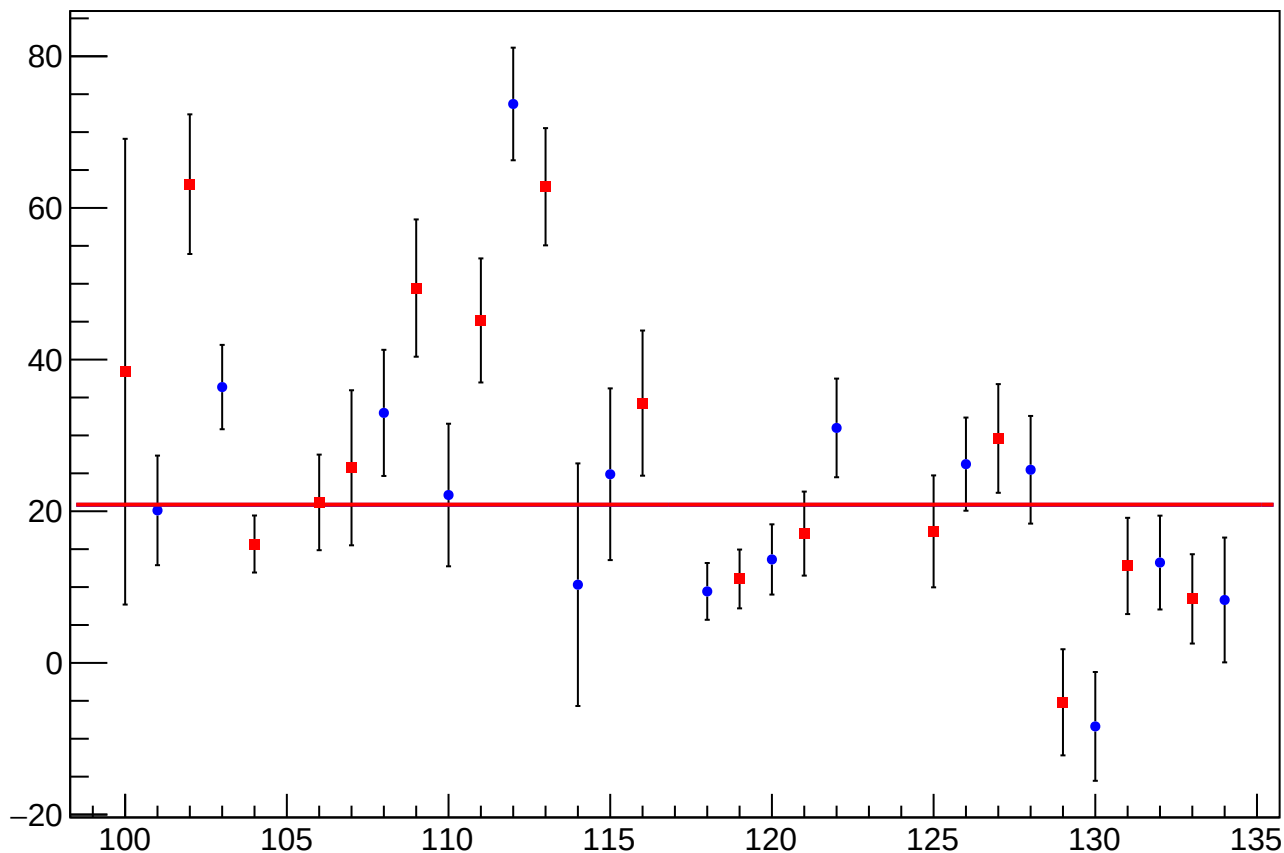
Right: -269.066+/-1.161 χ^2/NDF : 4710.2/30

In: -272.515+/-1.688 χ^2/NDF : 1815.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.066+/-1.161 χ^2/NDF : 4710.2/30

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.845+/-1.678 χ^2/NDF : 97.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.874+/-1.614 χ^2/NDF : 102.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

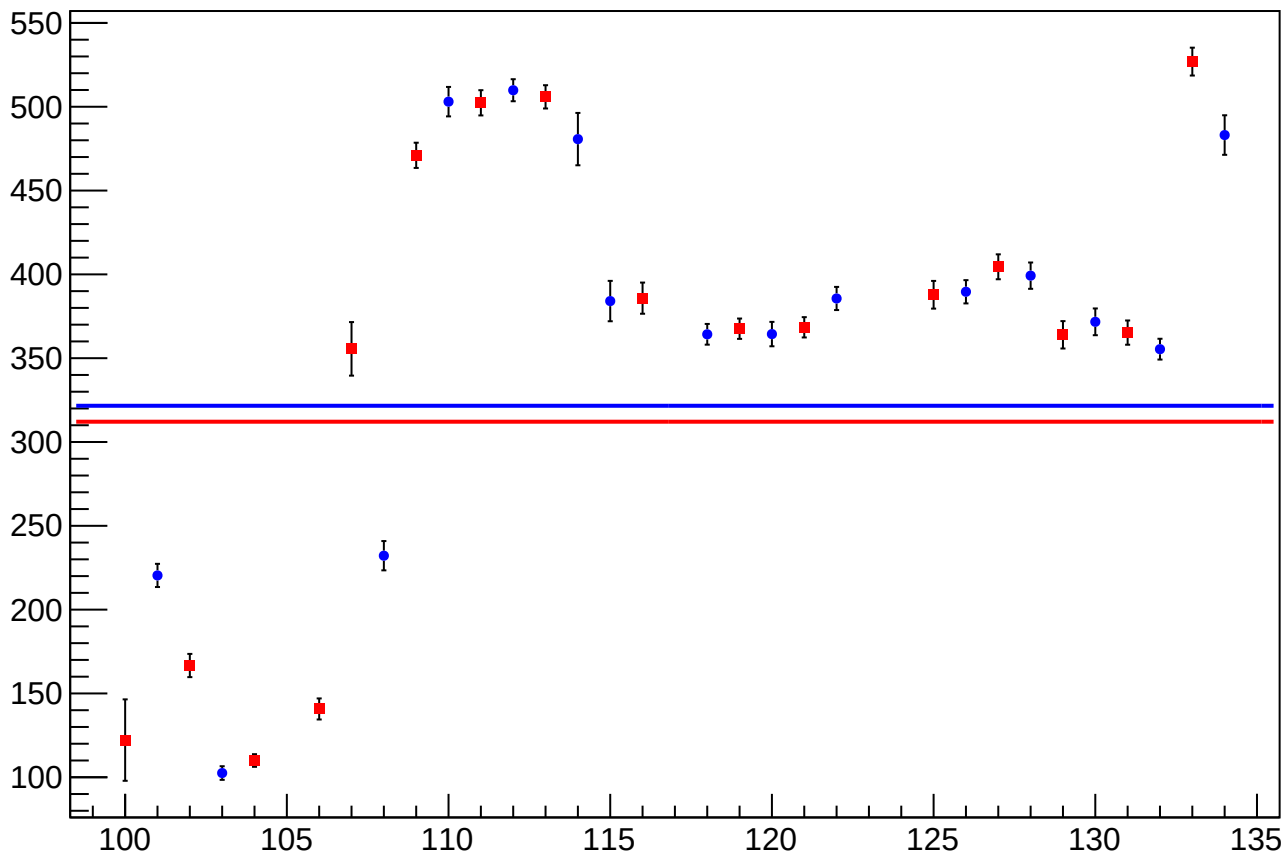
Right: 20.860+/-1.163 χ^2/NDF : 199.1/30

In: 20.845+/-1.678 χ^2/NDF : 97.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.860+/-1.163 χ^2/NDF : 199.1/30

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 321.618+/-1.846 χ^2/NDF : 5218.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 312.108+/-1.753 χ^2/NDF : 7227.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

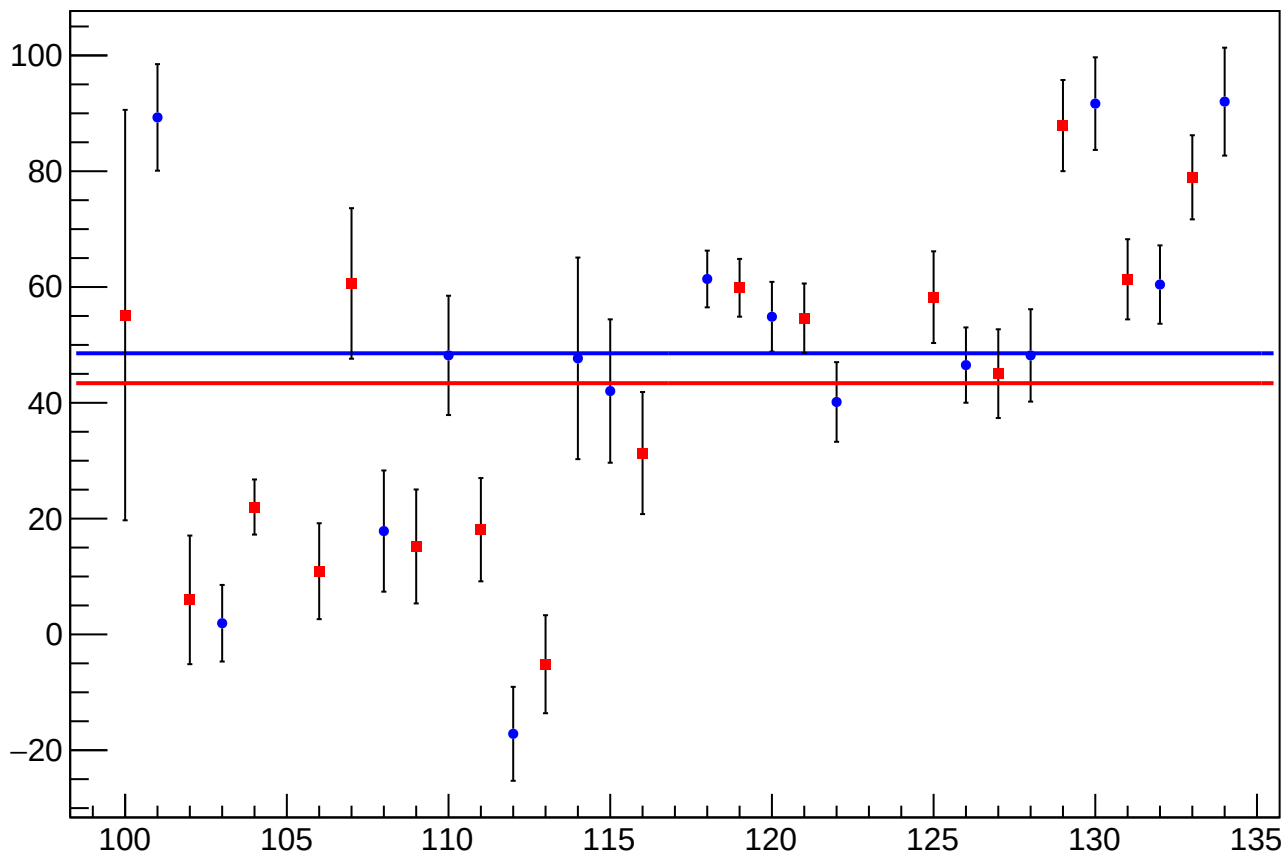
Right: 316.616+/-1.271 χ^2/NDF : 12460.7/30

In: 321.618+/-1.846 χ^2/NDF :5218.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 316.616+/-1.271 χ^2/NDF : 12460.7/30

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.554+/-1.973 χ^2/NDF : 207.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.394+/-1.902 χ^2/NDF : 179.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

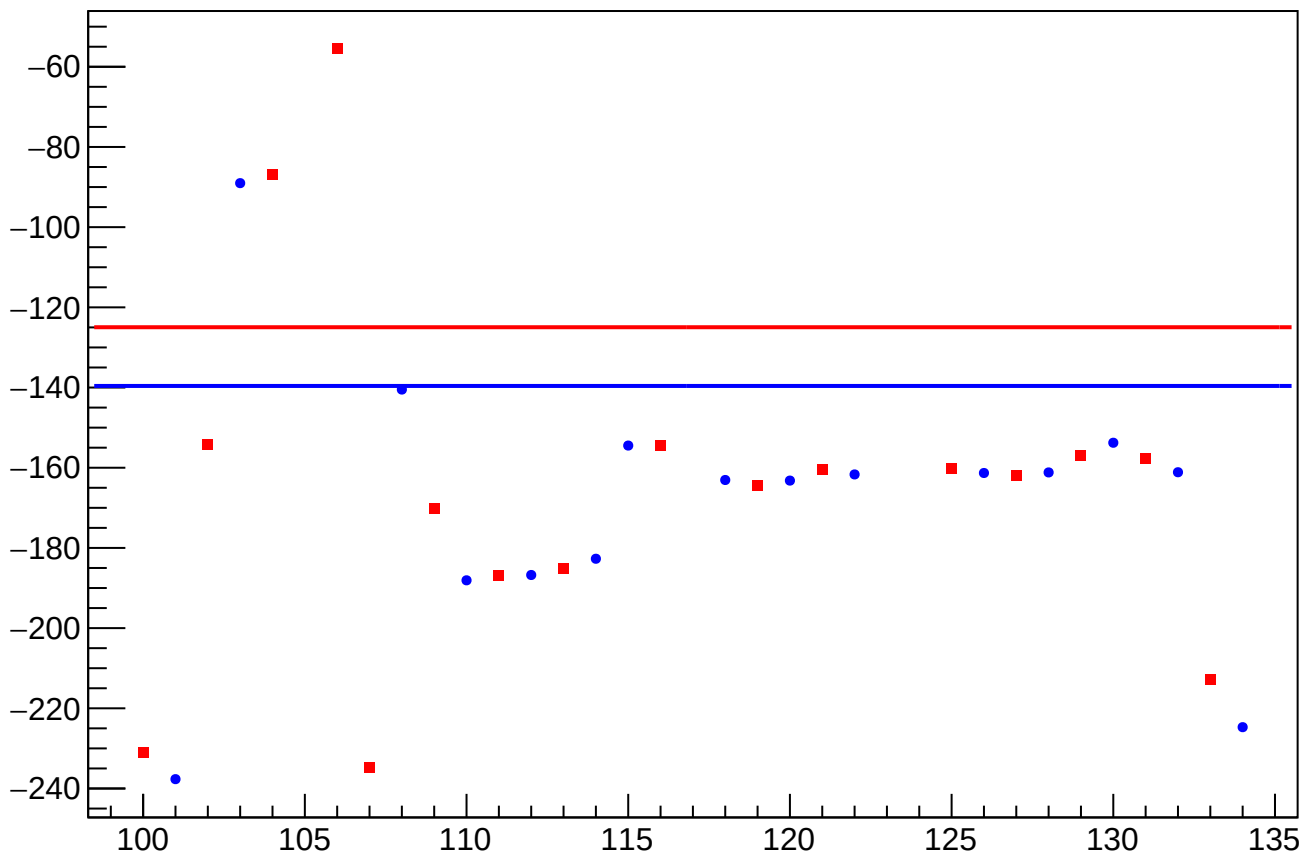
Right: 45.880+/-1.369 χ^2/NDF : 390.6/30

In: 48.554+/-1.973 χ^2/NDF : 207.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.880+/-1.369 χ^2/NDF : 390.6/30

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -139.602+/-0.110 χ^2/NDF : 201832.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -124.958+/-0.104 χ^2/NDF : 240089.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

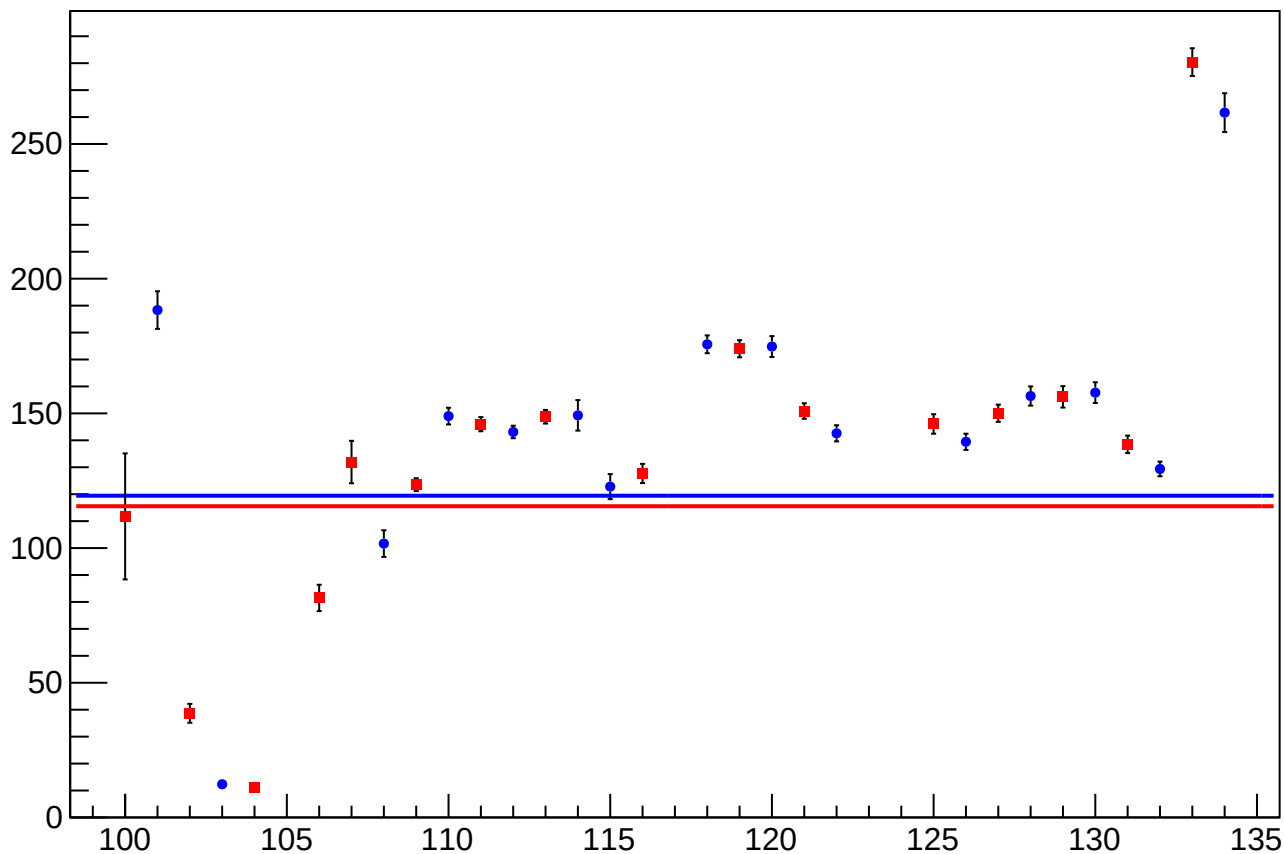
Right: -131.859+/-0.075 χ^2/NDF : 451348.5/30

In: -139.602+/-0.110 χ^2/NDF :201832.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -131.859+/-0.075 χ^2/NDF : 451348.5/30

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 119.435+/-0.842 χ^2/NDF : 5013.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 115.538+/-0.793 χ^2/NDF : 5995.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

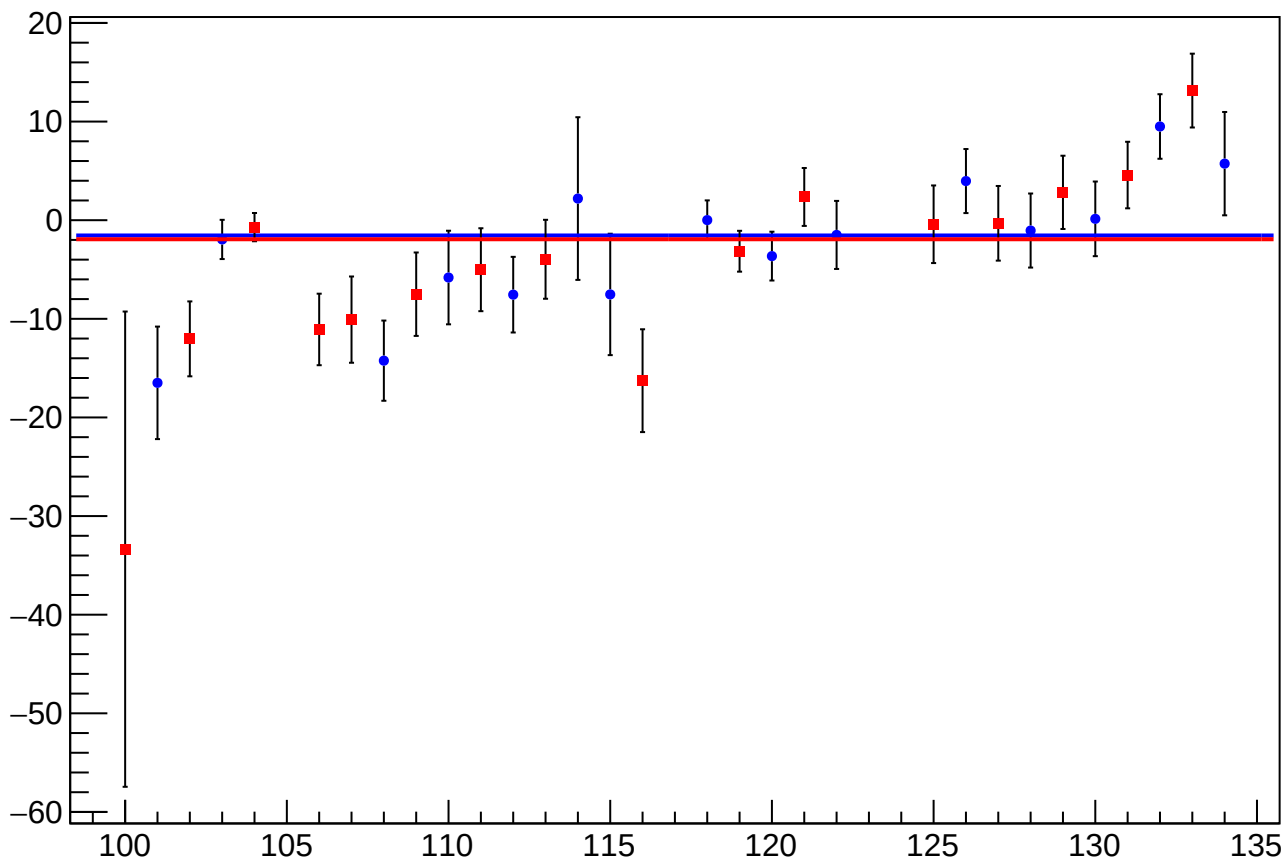
Right: 117.372+/-0.577 χ^2/NDF : 11020.3/30

In: 119.435+/-0.842 χ^2/NDF :5013.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.372+/-0.577 χ^2/NDF : 11020.3/30

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.550+/-0.857 χ^2 /NDF: 38.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.932+/-0.787 χ^2 /NDF: 53.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

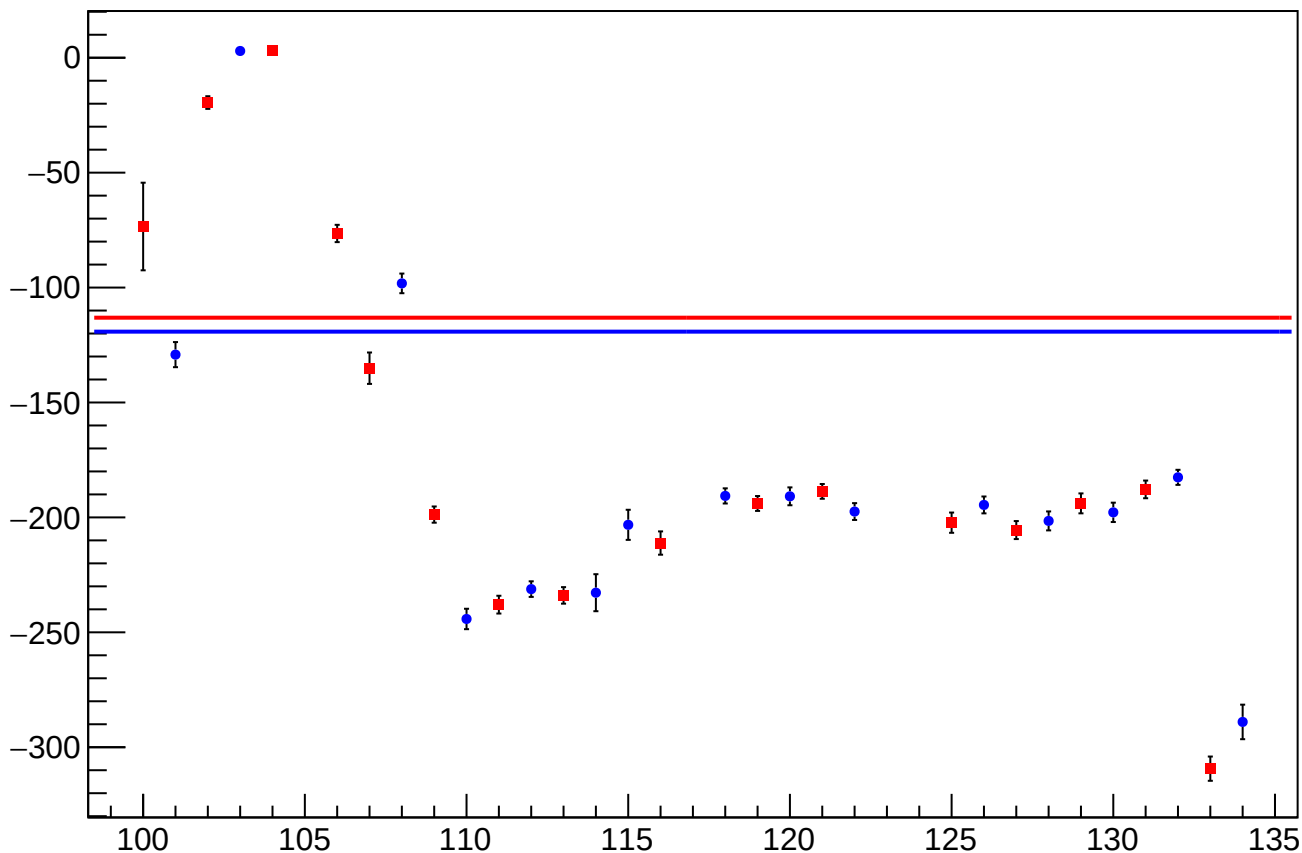
Right: -1.757+/-0.580 χ^2 /NDF: 92.8/30

In: -1.550+/-0.857 χ^2 /NDF:38.8/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.757+/-0.580 χ^2 /NDF: 92.8/30

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -119.178+/-0.881 χ^2/NDF : 12909.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -113.107+/-0.834 χ^2/NDF : 15137.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

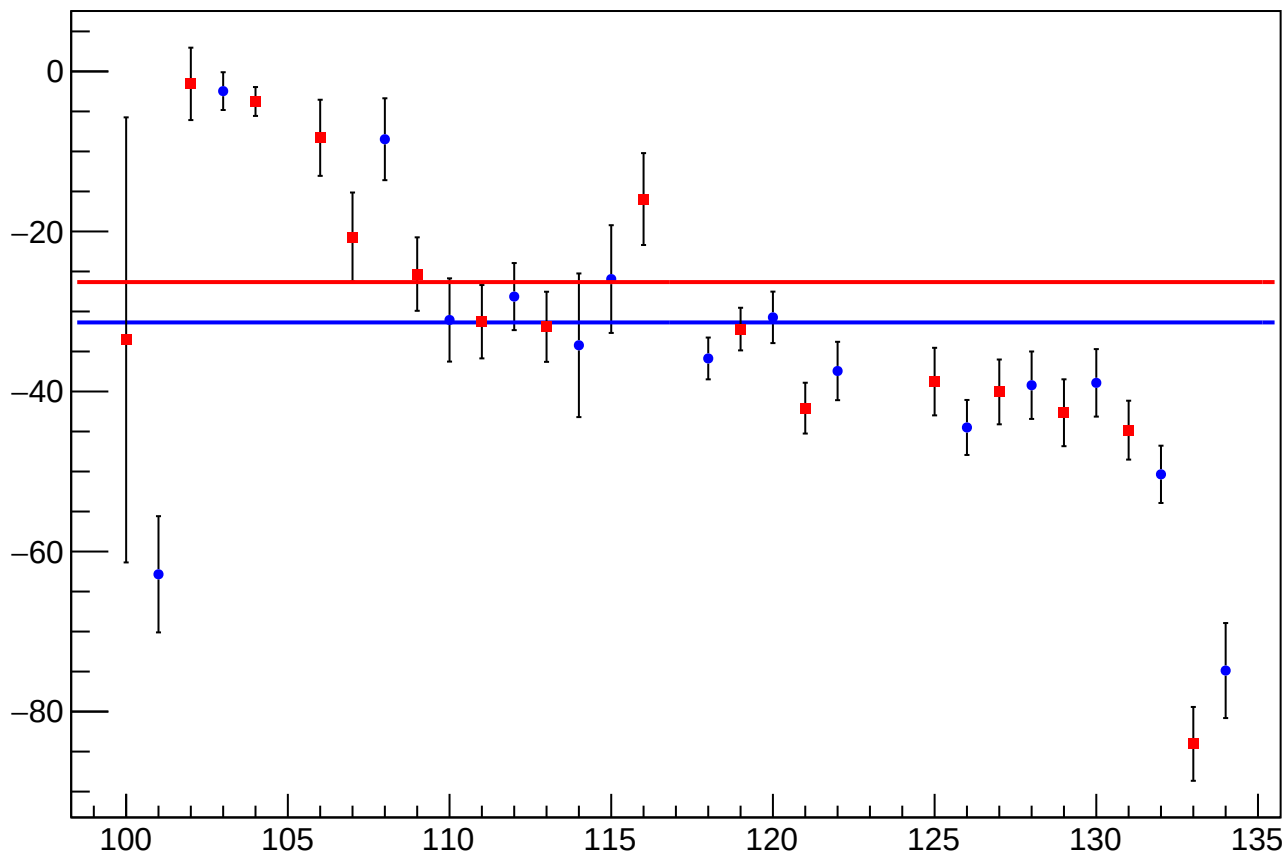
Right: -115.976+/-0.606 χ^2/NDF : 28072.5/30

In: -119.178+/-0.881 χ^2/NDF : 12909.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.976+/-0.606 χ^2/NDF : 28072.5/30

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.368 $\pm$ 1.007 χ^2 /NDF: 299.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.326 $\pm$ 0.934 χ^2 /NDF: 454.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

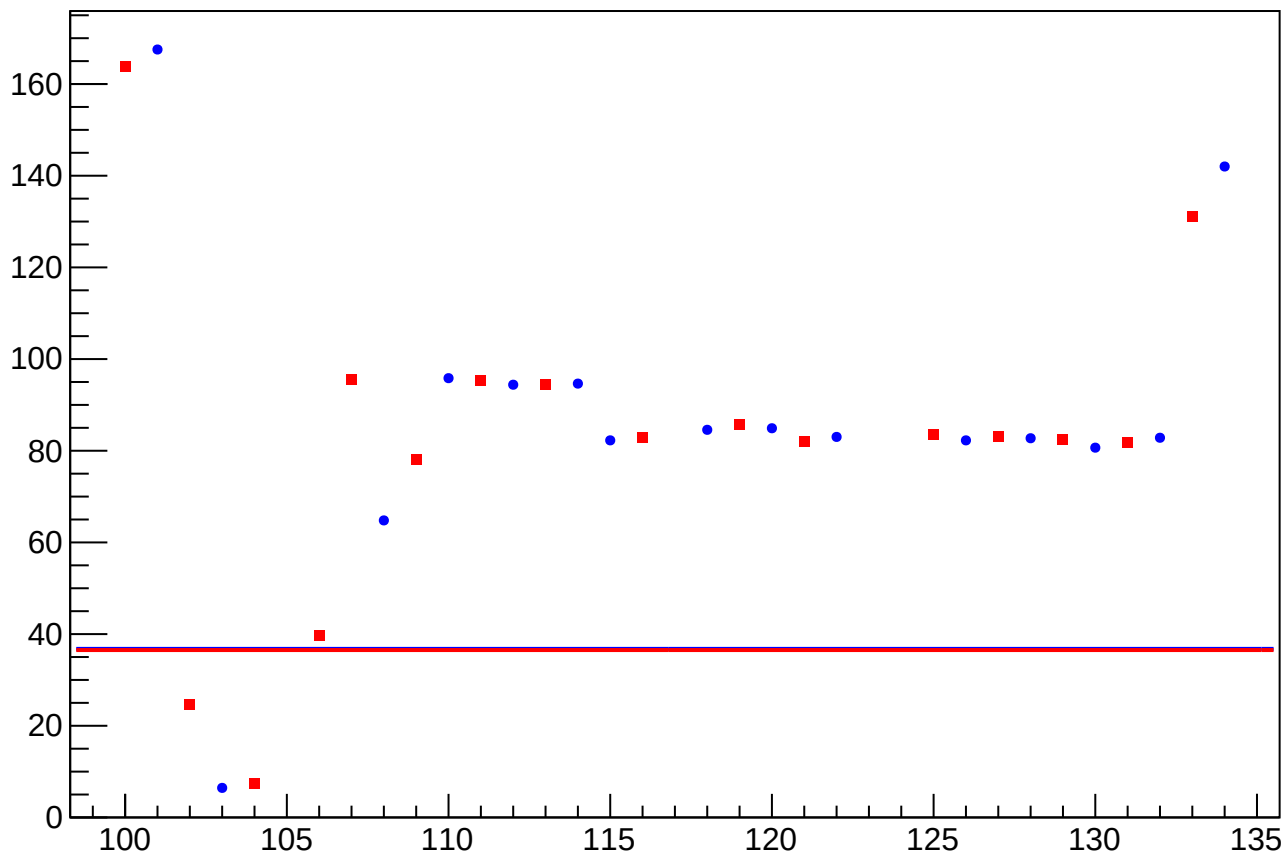
Right: -28.659 $\pm$ 0.685 χ^2 /NDF: 766.9/30

In: -31.368 $\pm$ 1.007 χ^2 /NDF:299.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.659 $\pm$ 0.685 χ^2 /NDF: 766.9/30

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 36.774+/-0.047 χ^2/NDF : 830341.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.520+/-0.047 χ^2/NDF : 586792.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

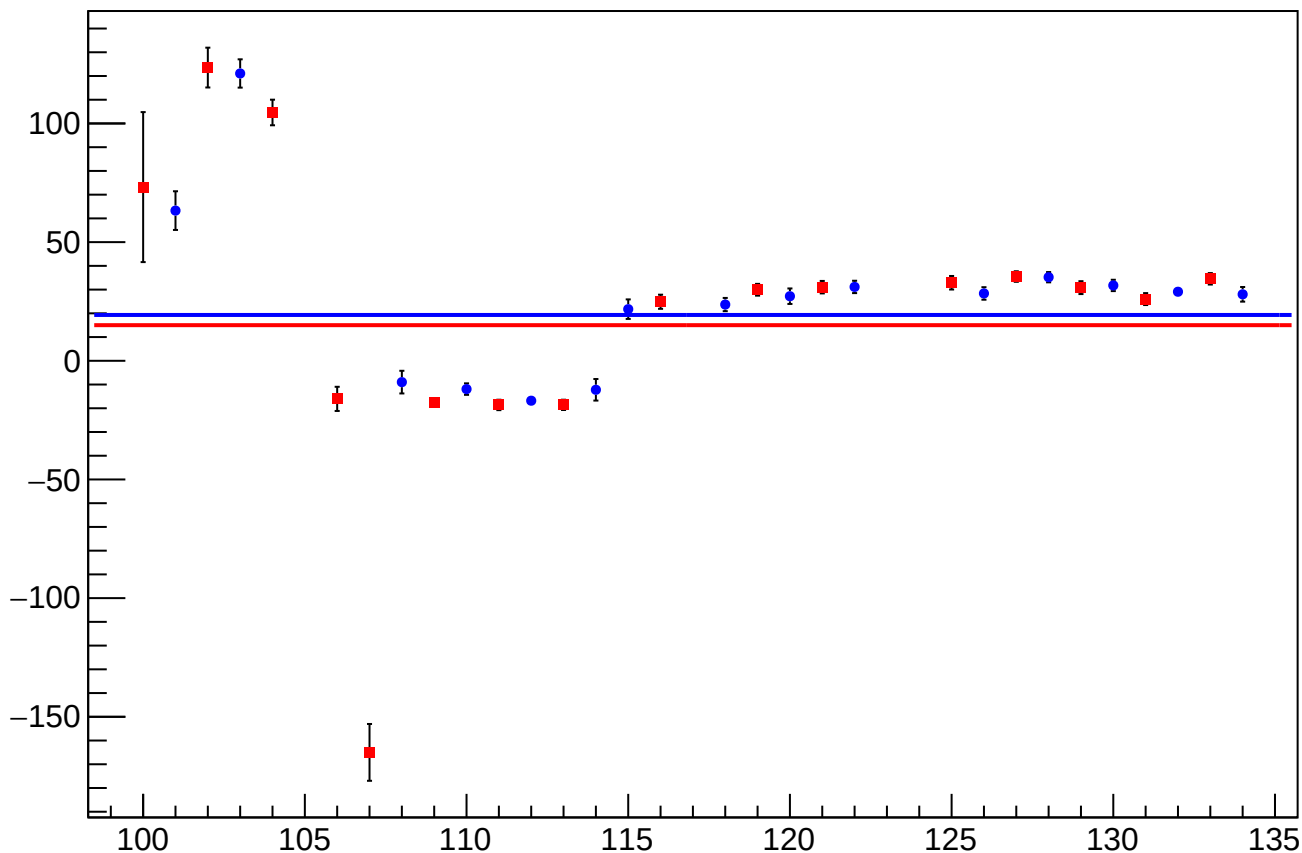
Right: 36.646+/-0.033 χ^2/NDF : 1417149.2/30

In: 36.774+/-0.047 χ^2/NDF : 830341.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.646+/-0.033 χ^2/NDF : 1417149.2/30

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 19.313+/-0.735 χ^2/NDF : 1038.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.012+/-0.714 χ^2/NDF : 1760.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

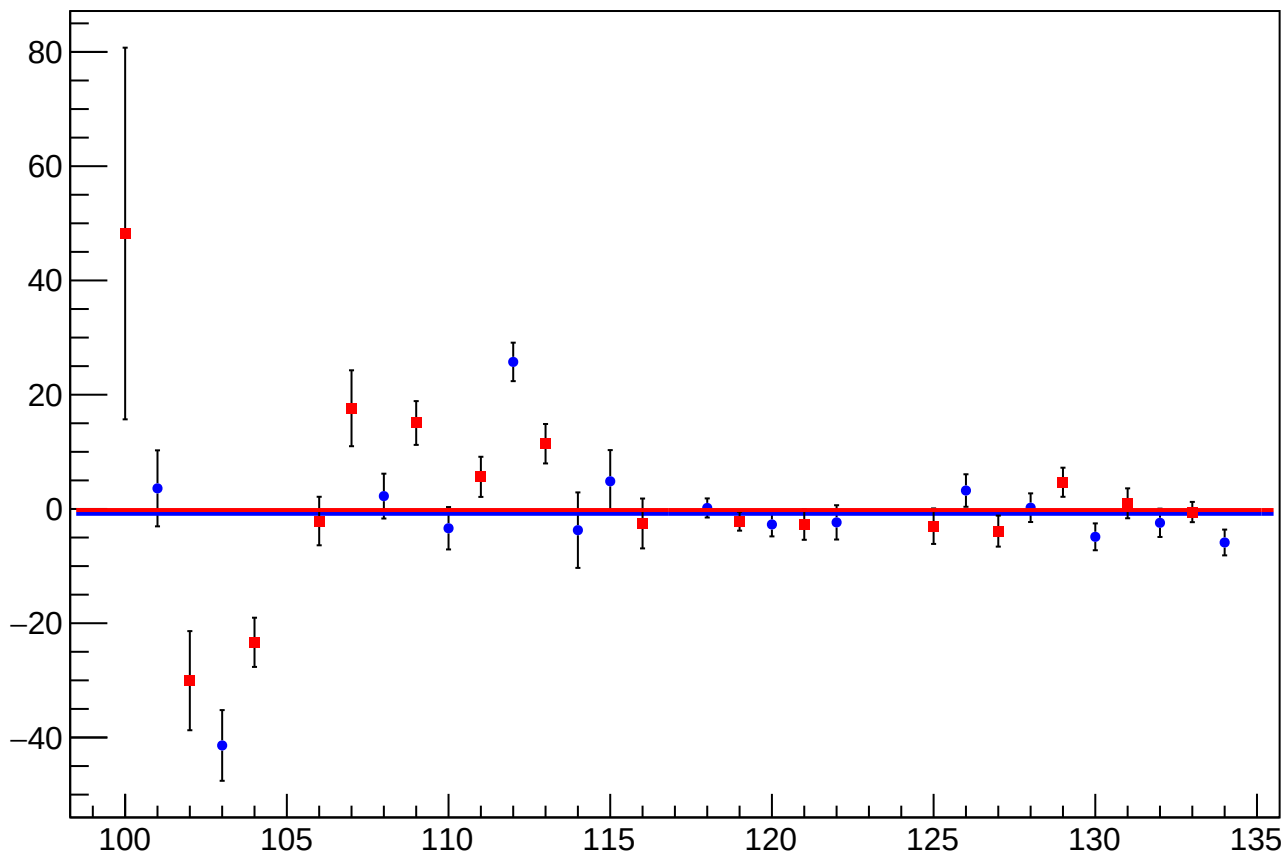
Right: 17.101+/-0.512 χ^2/NDF : 2816.7/30

In: 19.313+/-0.735 χ^2/NDF :1038.6/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.101+/-0.512 χ^2/NDF : 2816.7/30

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.845 ± 0.735 χ^2/NDF : 120.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.187 ± 0.746 χ^2/NDF : 89.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

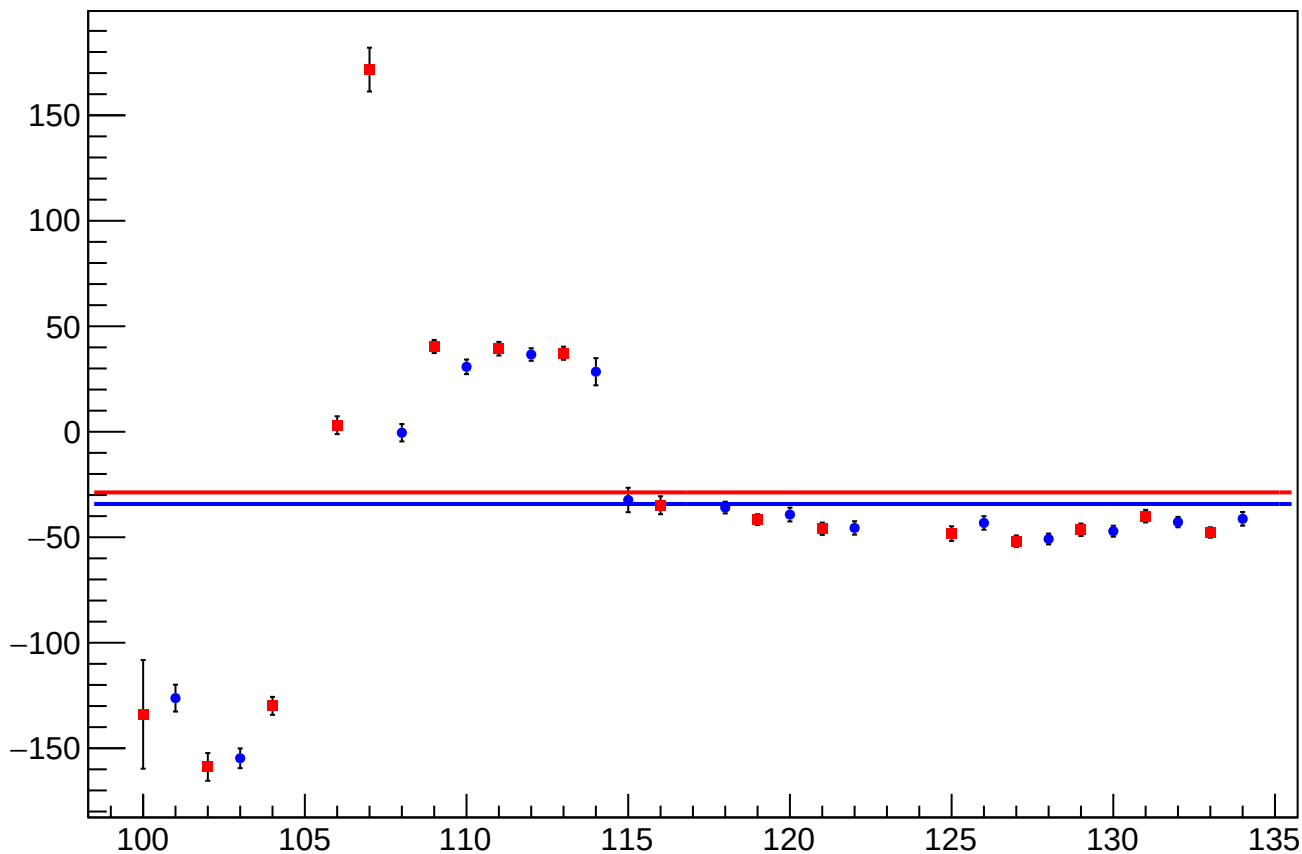
Right: -0.521 ± 0.524 χ^2/NDF : 209.8/30

In: -0.845 ± 0.735 χ^2/NDF : 120.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.521 ± 0.524 χ^2/NDF : 209.8/30

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -34.235 $\pm$ 0.858 χ^2 /NDF: 2057.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.739 $\pm$ 0.850 χ^2 /NDF: 3074.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

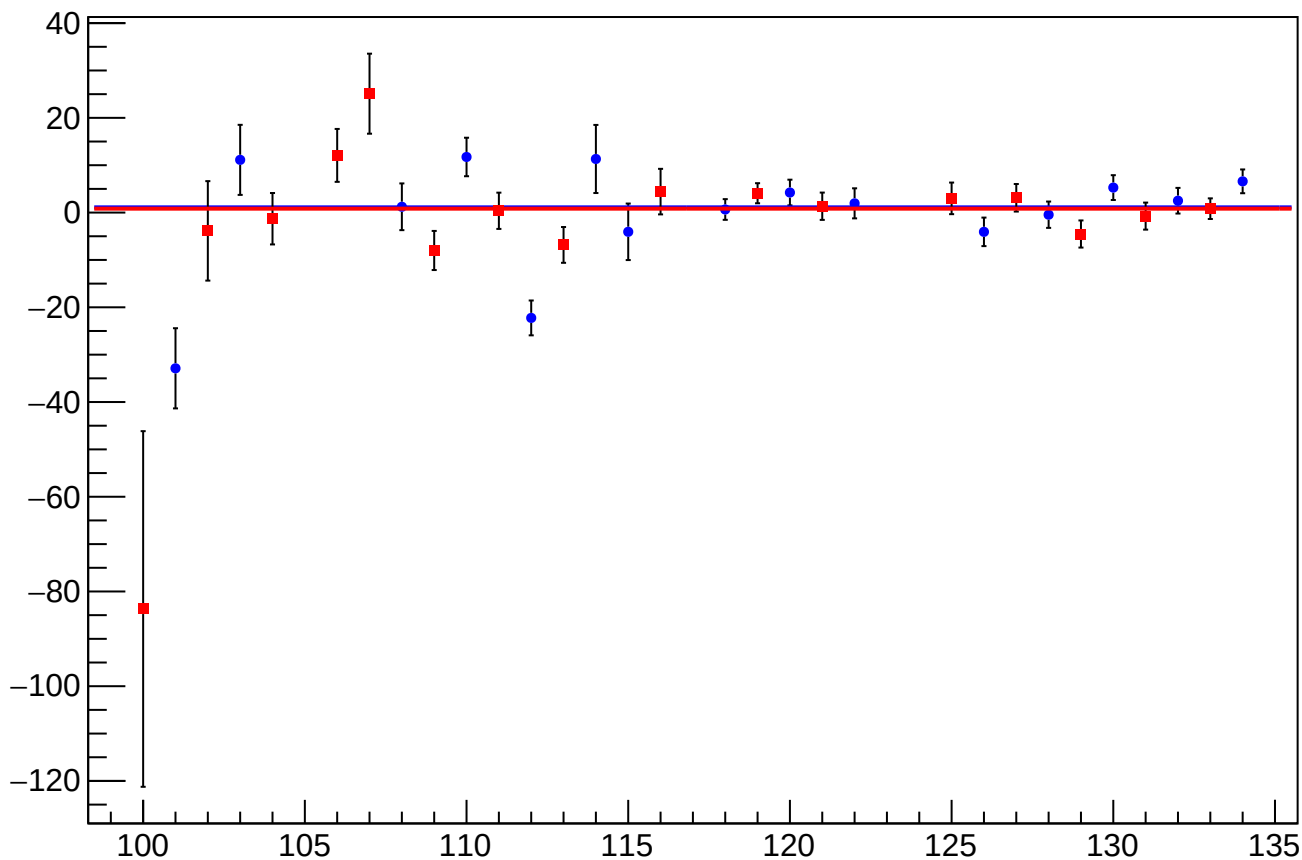
Right: -31.459 $\pm$ 0.604 χ^2 /NDF: 5152.5/30

In: -34.235 $\pm$ 0.858 χ^2 /NDF:2057.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.459 $\pm$ 0.604 χ^2 /NDF: 5152.5/30

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.102 $\pm$ 0.851 χ^2 /NDF: 80.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.828 $\pm$ 0.865 χ^2 /NDF: 34.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

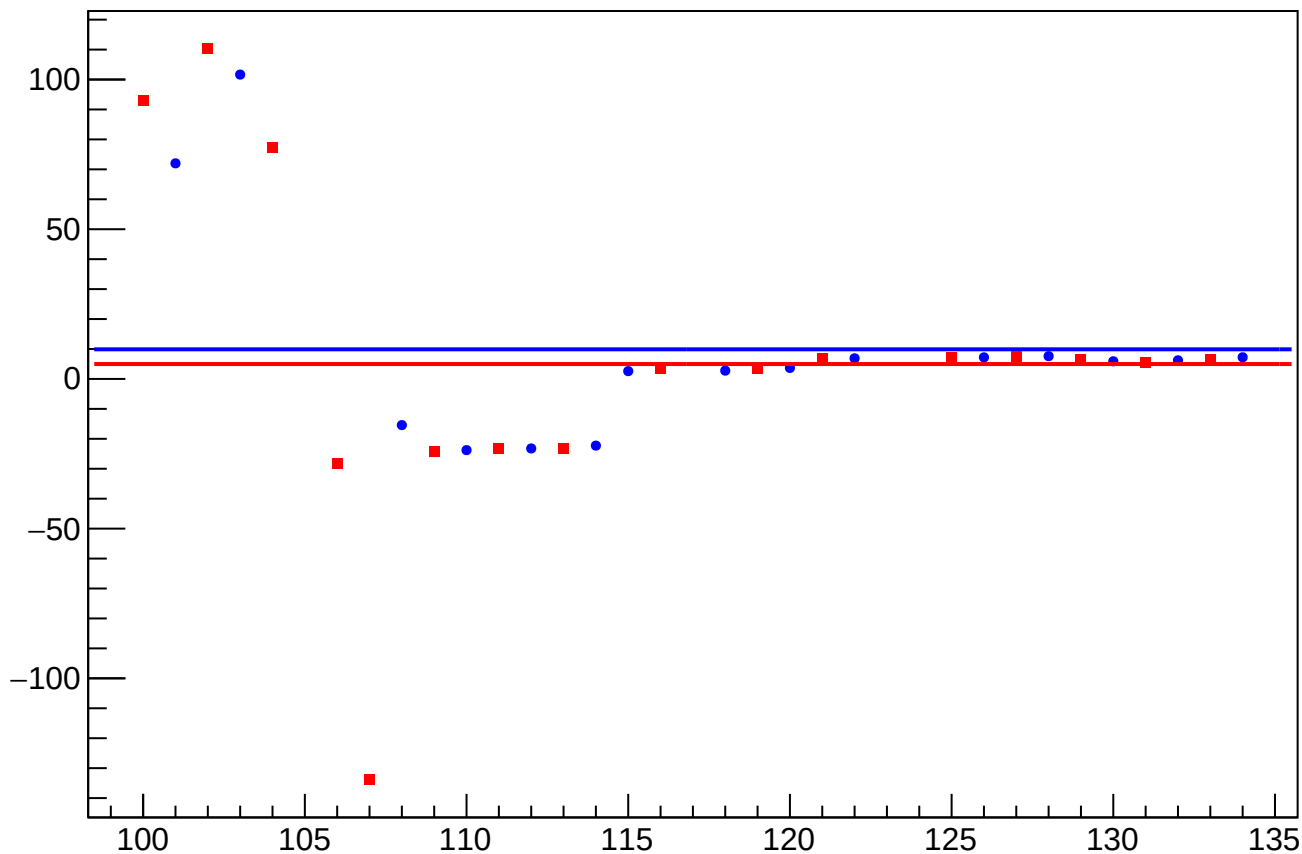
Right: 0.967 $\pm$ 0.607 χ^2 /NDF: 114.4/30

In: 1.102 $\pm$ 0.851 χ^2 /NDF:80.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.967 $\pm$ 0.607 χ^2 /NDF: 114.4/30

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.892+/-0.057 χ^2/NDF : 309948.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.974+/-0.061 χ^2/NDF : 446692.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

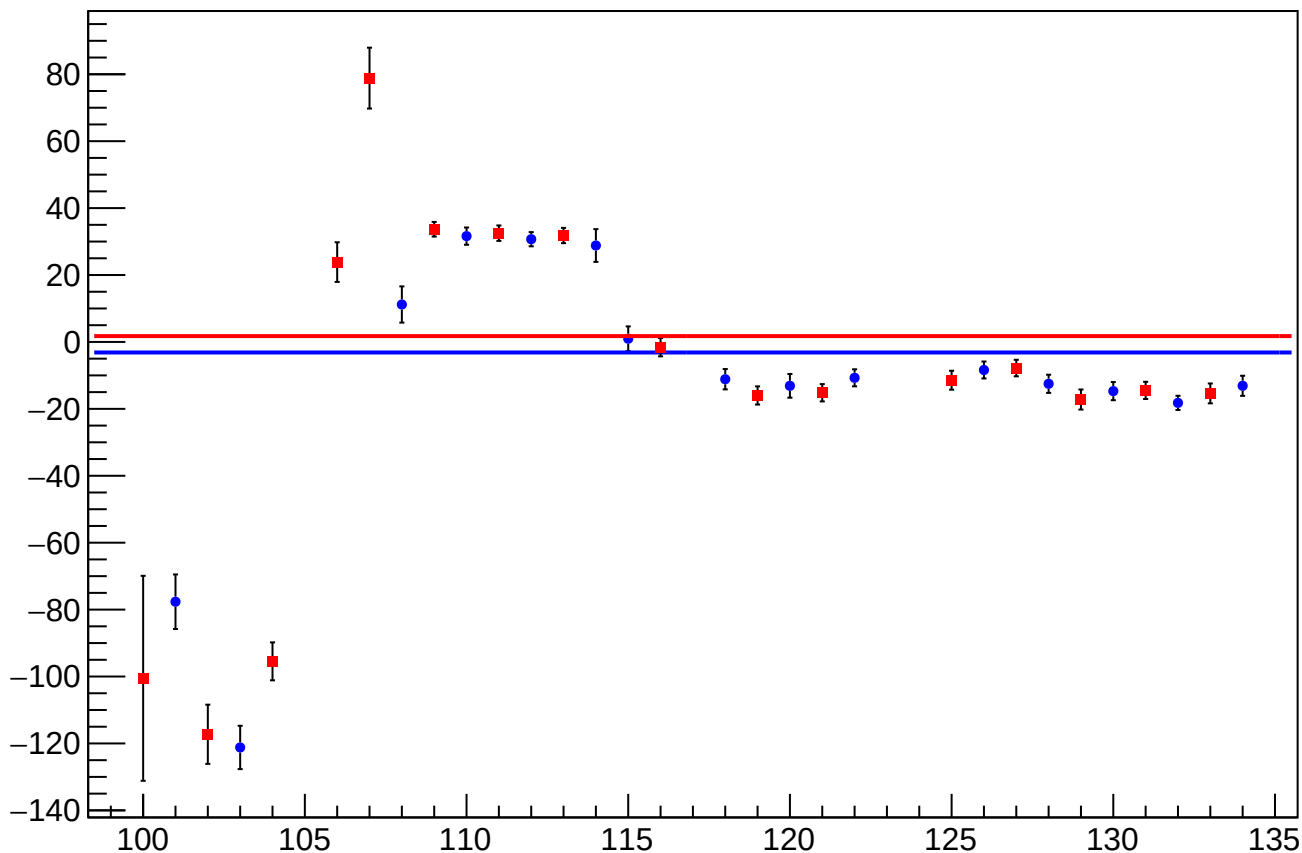
Right: 7.588+/-0.041 χ^2/NDF : 760142.3/30

In: 9.892+/-0.057 χ^2/NDF : 309948.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.588+/-0.041 χ^2/NDF : 760142.3/30

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.154+/-0.775 χ^2/NDF : 1022.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.747+/-0.754 χ^2/NDF : 1372.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

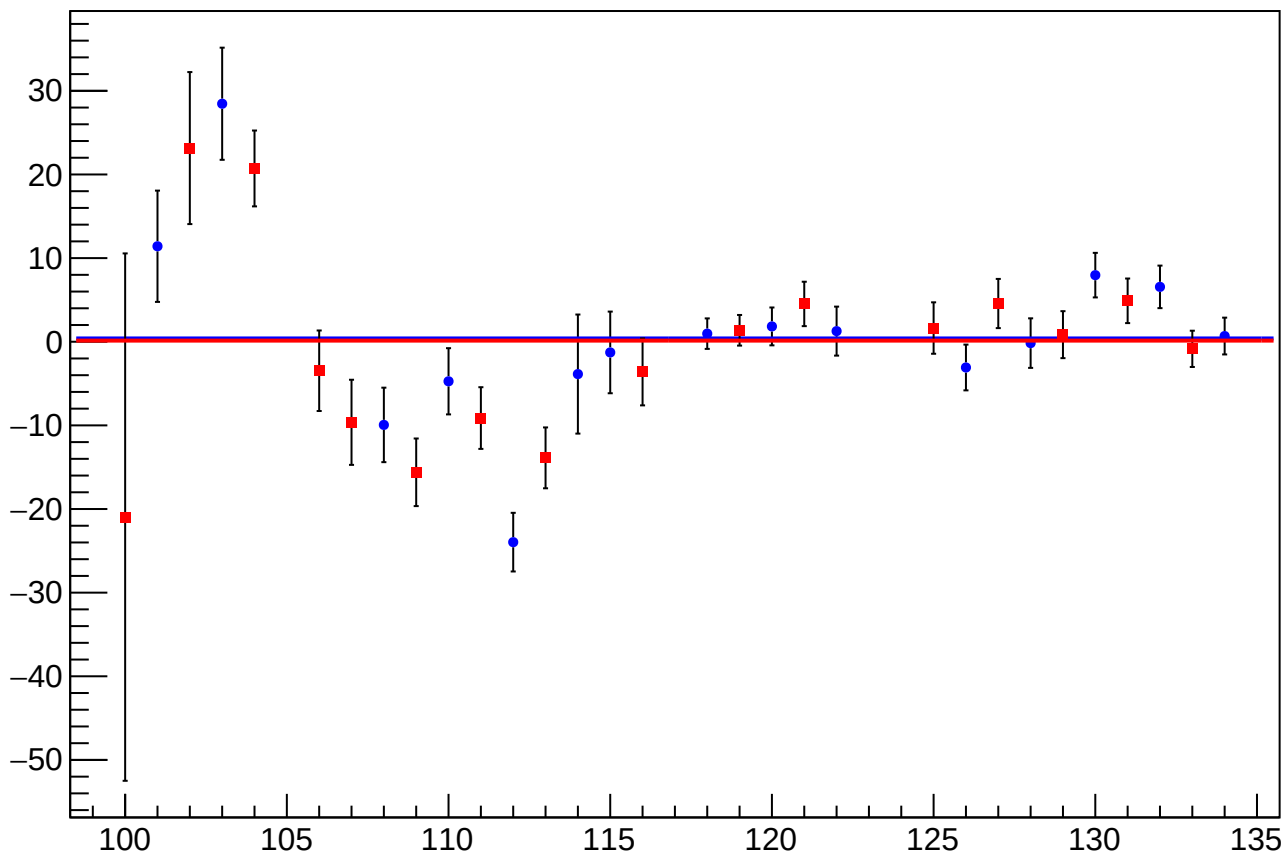
Right: -0.636+/-0.540 χ^2/NDF : 2415.8/30

In: -3.154+/-0.775 χ^2/NDF : 1022.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.636+/-0.540 χ^2/NDF : 2415.8/30

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.393 $\pm$ 0.775 χ^2 /NDF: 92.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.136 $\pm$ 0.801 χ^2 /NDF: 78.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

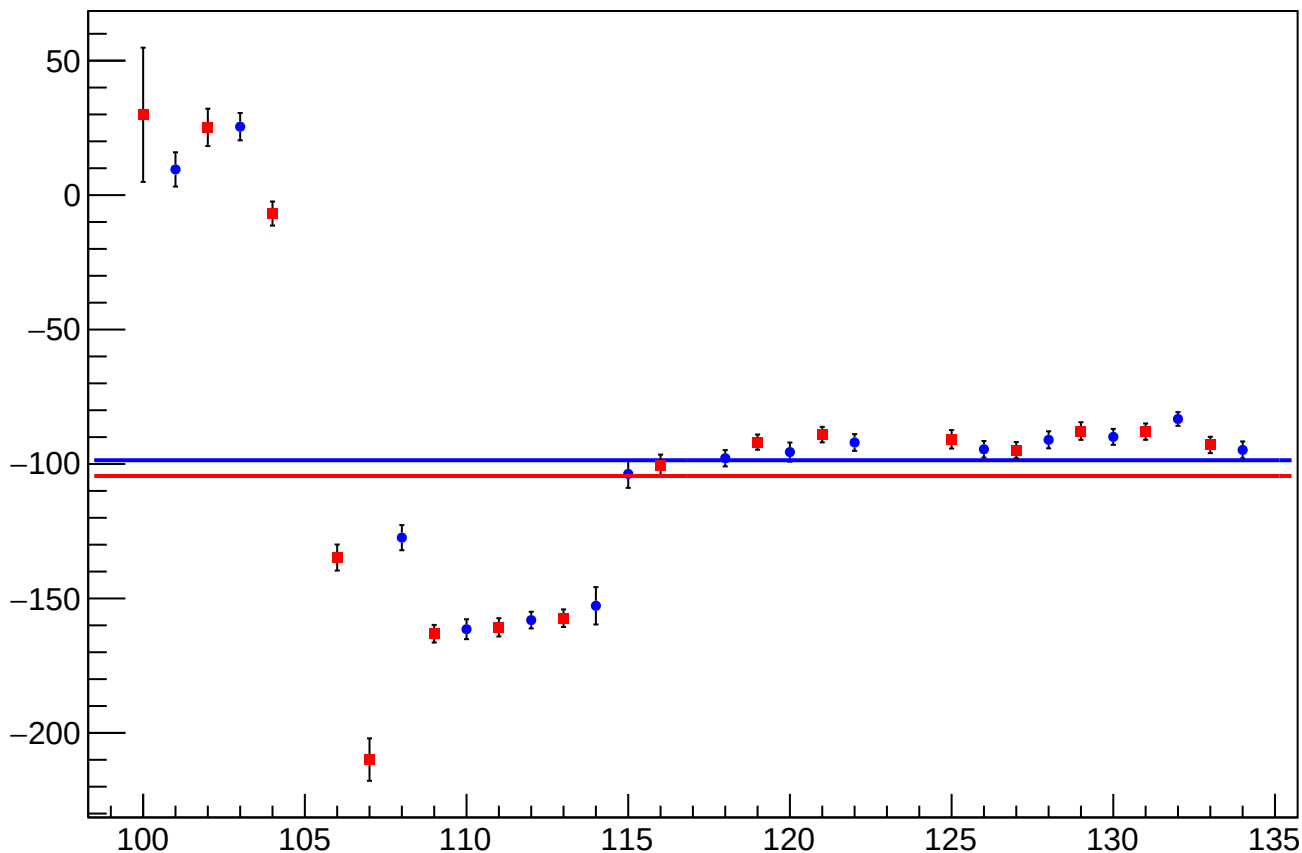
Right: 0.269 $\pm$ 0.557 χ^2 /NDF: 170.4/30

In: 0.393 $\pm$ 0.775 χ^2 /NDF:92.3/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.269 $\pm$ 0.557 χ^2 /NDF: 170.4/30

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -98.600 $\pm$ 0.910 χ^2 /NDF: 1698.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -104.462 $\pm$ 0.906 χ^2 /NDF: 2073.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

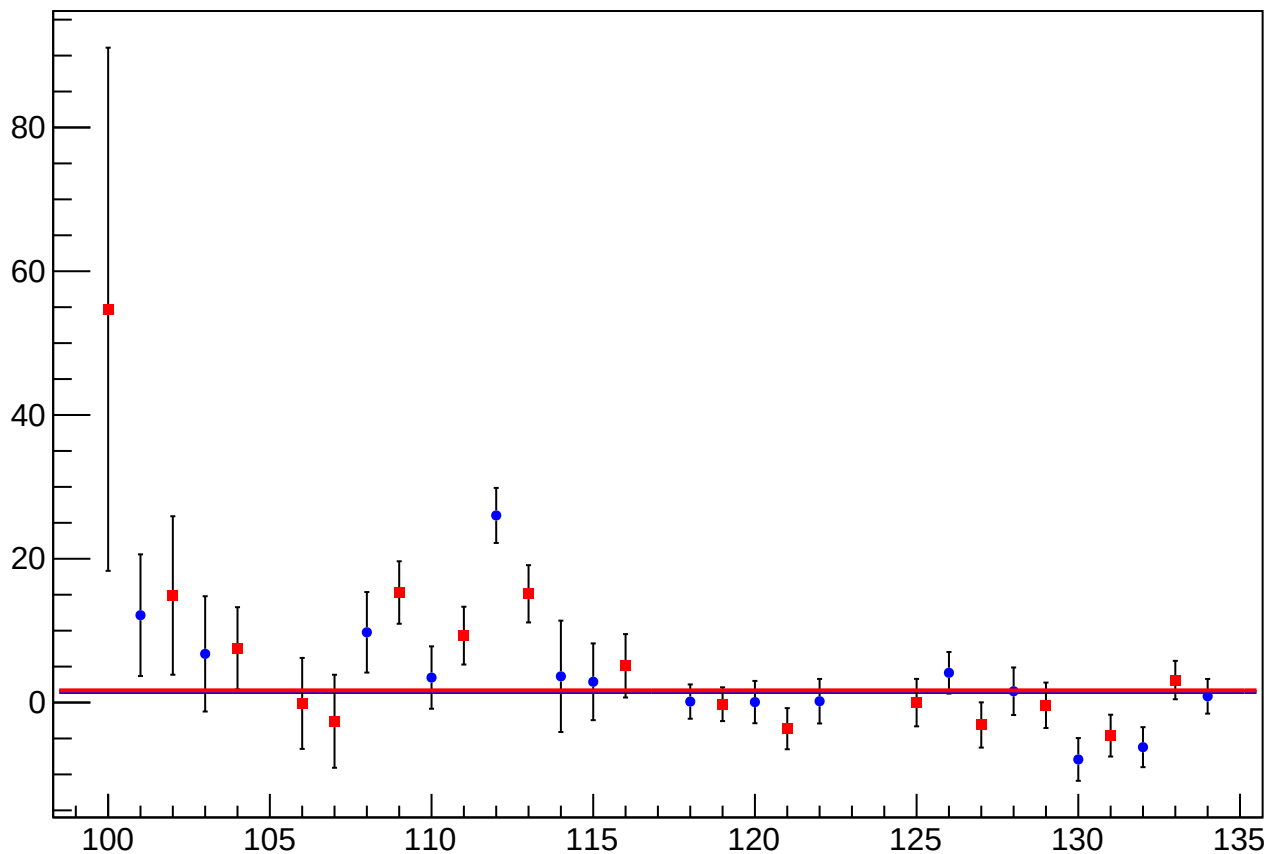
Right: -101.543 $\pm$ 0.642 χ^2 /NDF: 3793.4/30

In: -98.600 $\pm$ 0.910 χ^2 /NDF:1698.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -101.543 $\pm$ 0.642 χ^2 /NDF: 3793.4/30

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.469+/-0.893 χ^2/NDF : 64.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.693+/-0.924 χ^2/NDF : 42.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

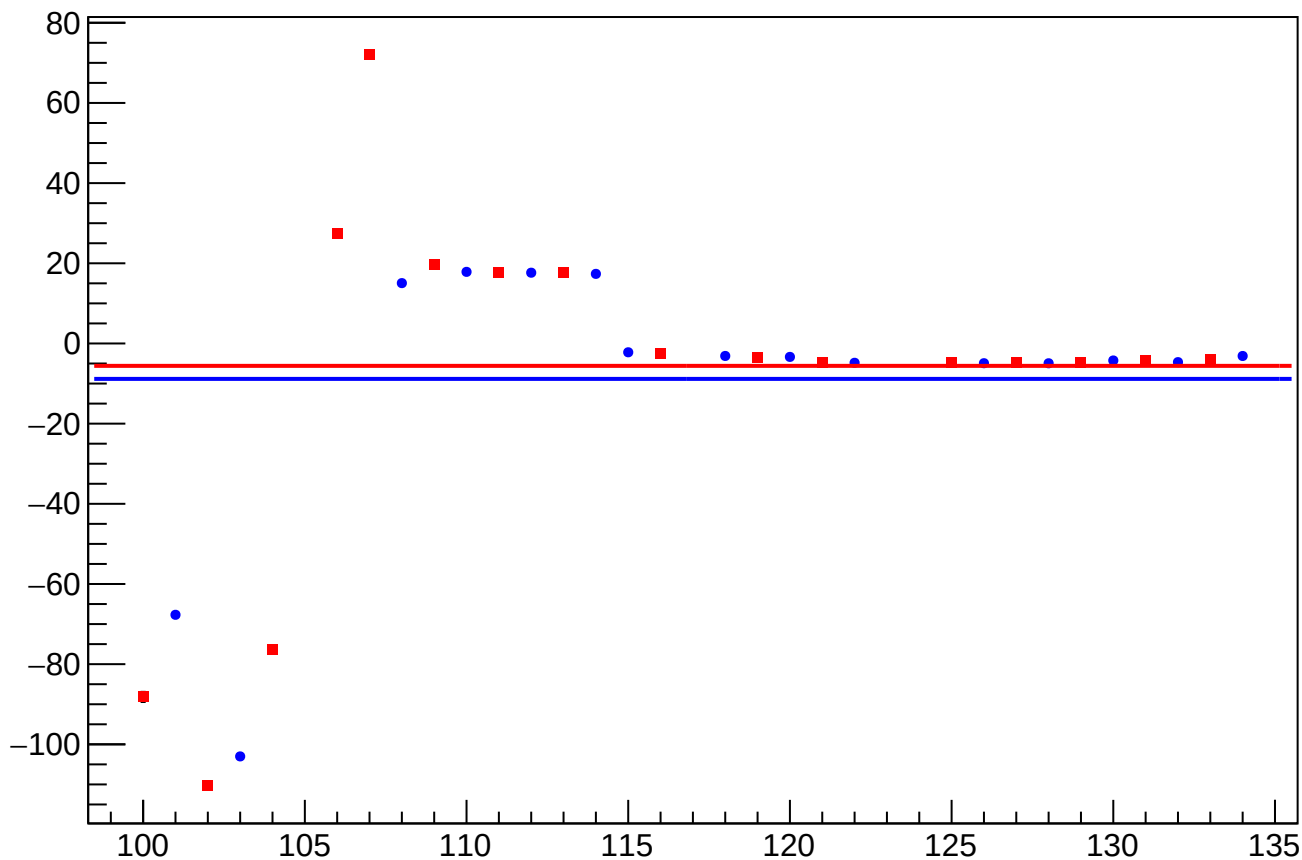
Right: 1.577+/-0.642 χ^2/NDF : 107.6/30

In: 1.469+/-0.893 χ^2/NDF : 64.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.577+/-0.642 χ^2/NDF : 107.6/30

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.838+/-0.059 χ^2/NDF : 261957.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.585+/-0.065 χ^2/NDF : 338951.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

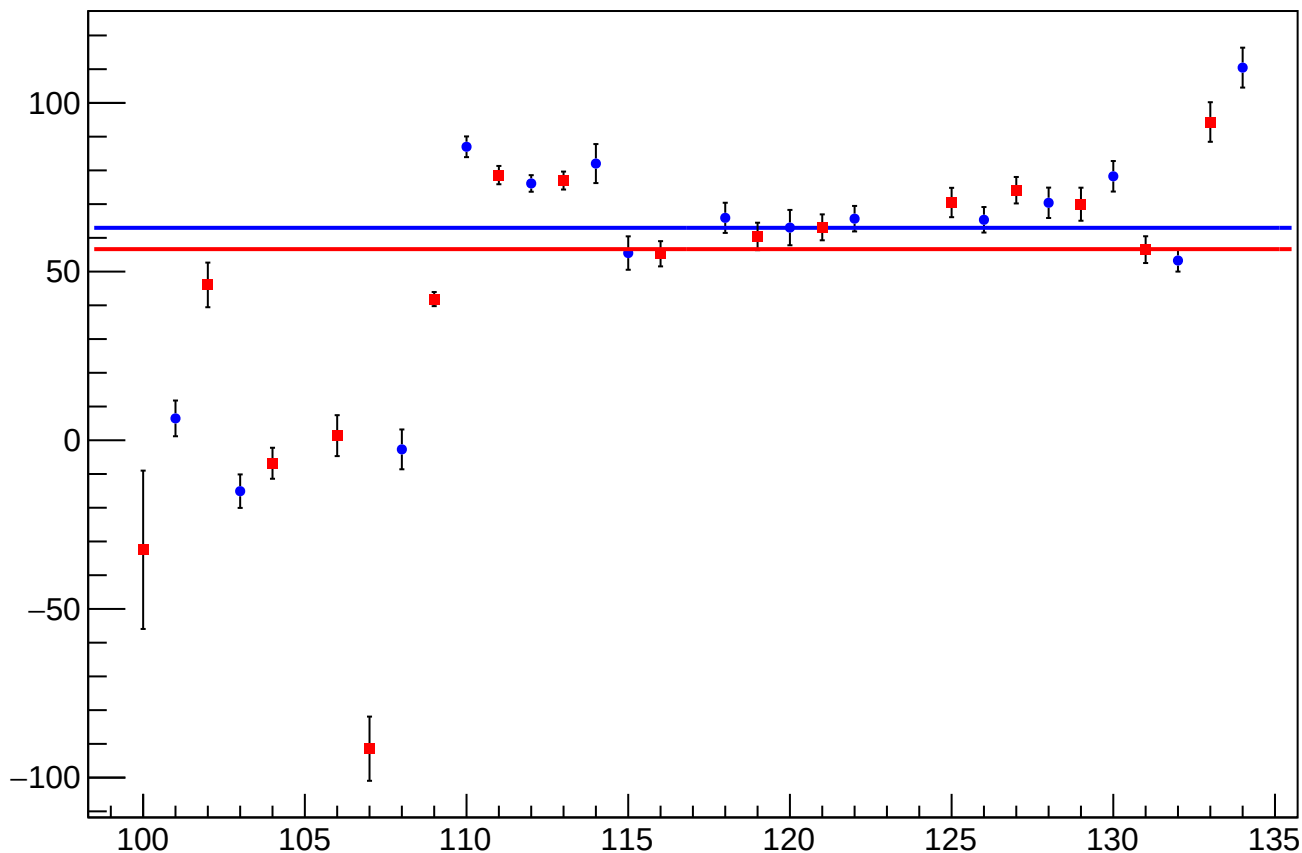
Right: -7.357+/-0.044 χ^2/NDF : 602291.2/30

In: -8.838+/-0.059 χ^2/NDF : 261957.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.357+/-0.044 χ^2/NDF : 602291.2/30

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 62.973+/-1.058 χ^2/NDF : 676.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.658+/-0.968 χ^2/NDF : 789.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

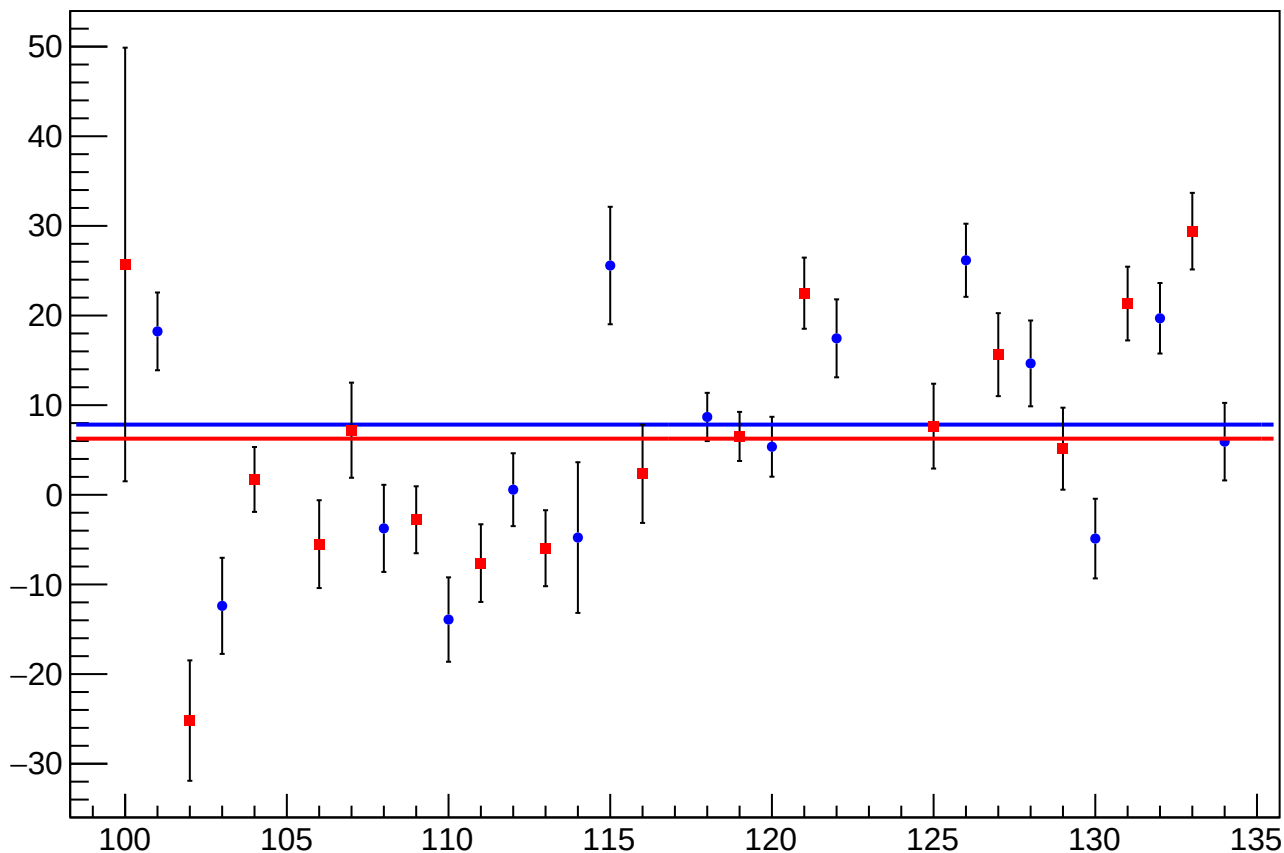
Right: 59.534+/-0.714 χ^2/NDF : 1485.2/30

In: 62.973+/-1.058 χ^2/NDF : 676.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.534+/-0.714 χ^2/NDF : 1485.2/30

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.832 $\pm$ 1.100 χ^2 /NDF: 105.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.264 $\pm$ 1.090 χ^2 /NDF: 118.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

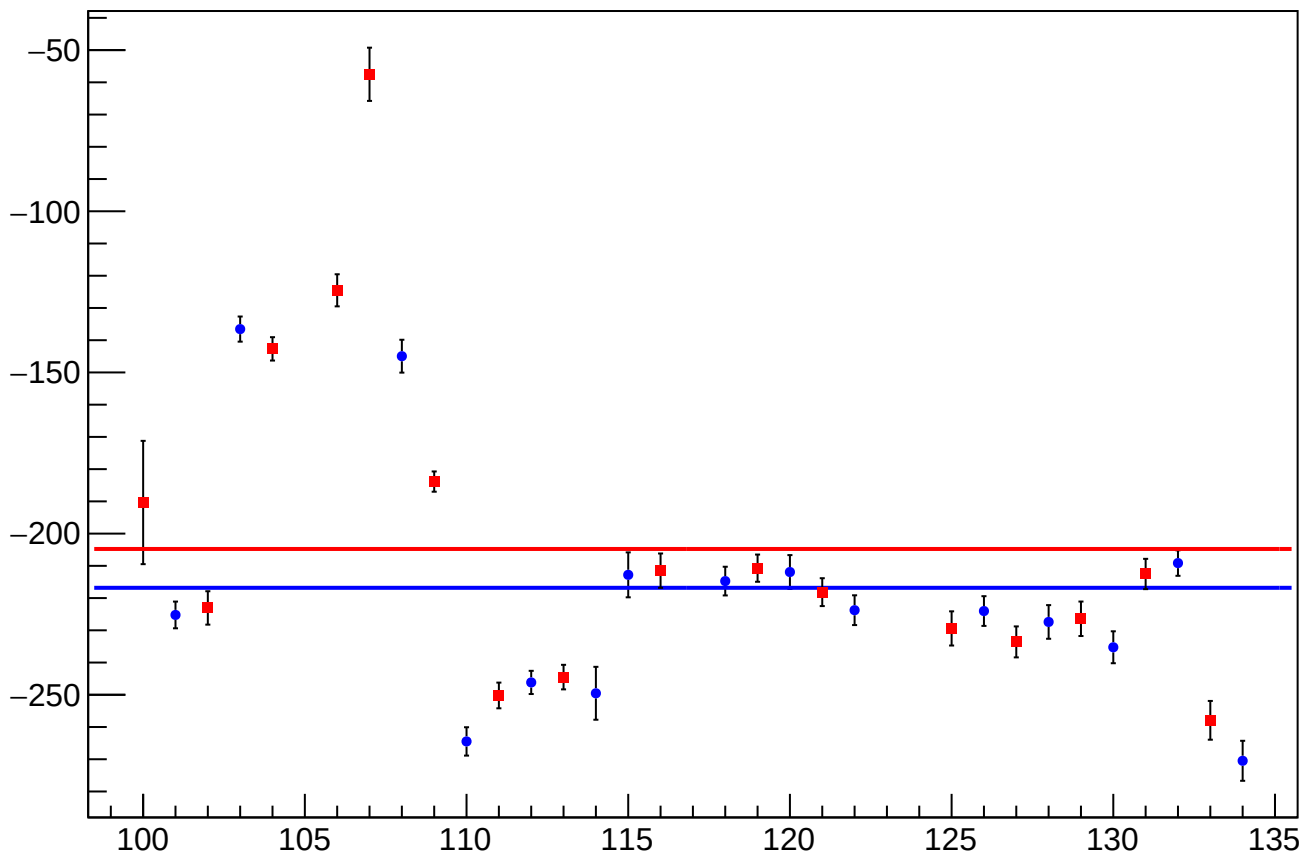
Right: 7.041 $\pm$ 0.774 χ^2 /NDF: 224.7/30

In: 7.832 $\pm$ 1.100 χ^2 /NDF:105.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.041 $\pm$ 0.774 χ^2 /NDF: 224.7/30

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -216.813+/-1.217 χ^2/NDF : 929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.764+/-1.166 χ^2/NDF : 1335.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

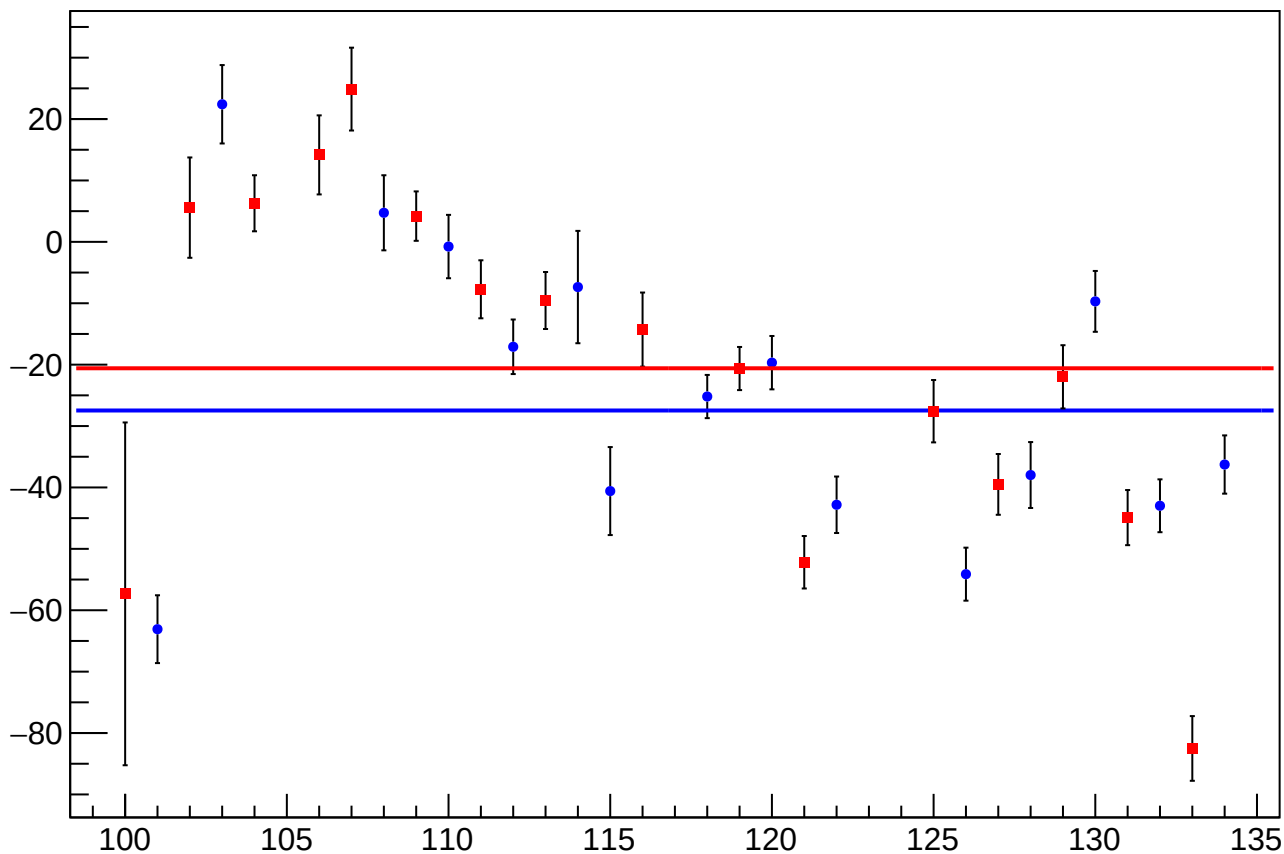
Right: -210.529+/-0.842 χ^2/NDF : 2316.0/30

In: -216.813+/-1.217 χ^2/NDF : 929.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.529+/-0.842 χ^2/NDF : 2316.0/30

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.466+/-1.278 χ^2/NDF : 256.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.591+/-1.260 χ^2/NDF : 411.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

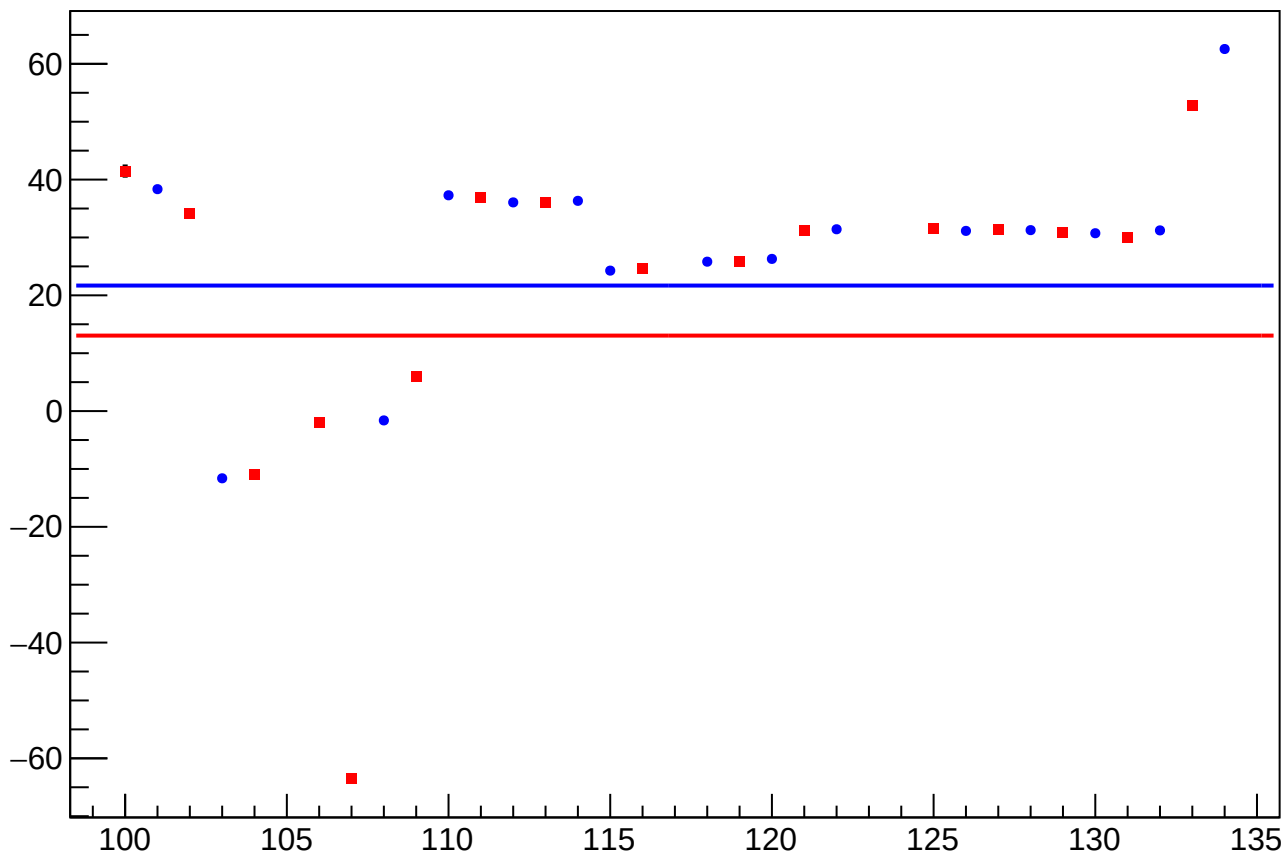
Right: -23.980+/-0.897 χ^2/NDF : 683.4/30

In: -27.466+/-1.278 χ^2/NDF : 256.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.980+/-0.897 χ^2/NDF : 683.4/30

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 21.689+/-0.076 χ^2/NDF : 98966.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.043+/-0.075 χ^2/NDF : 119781.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

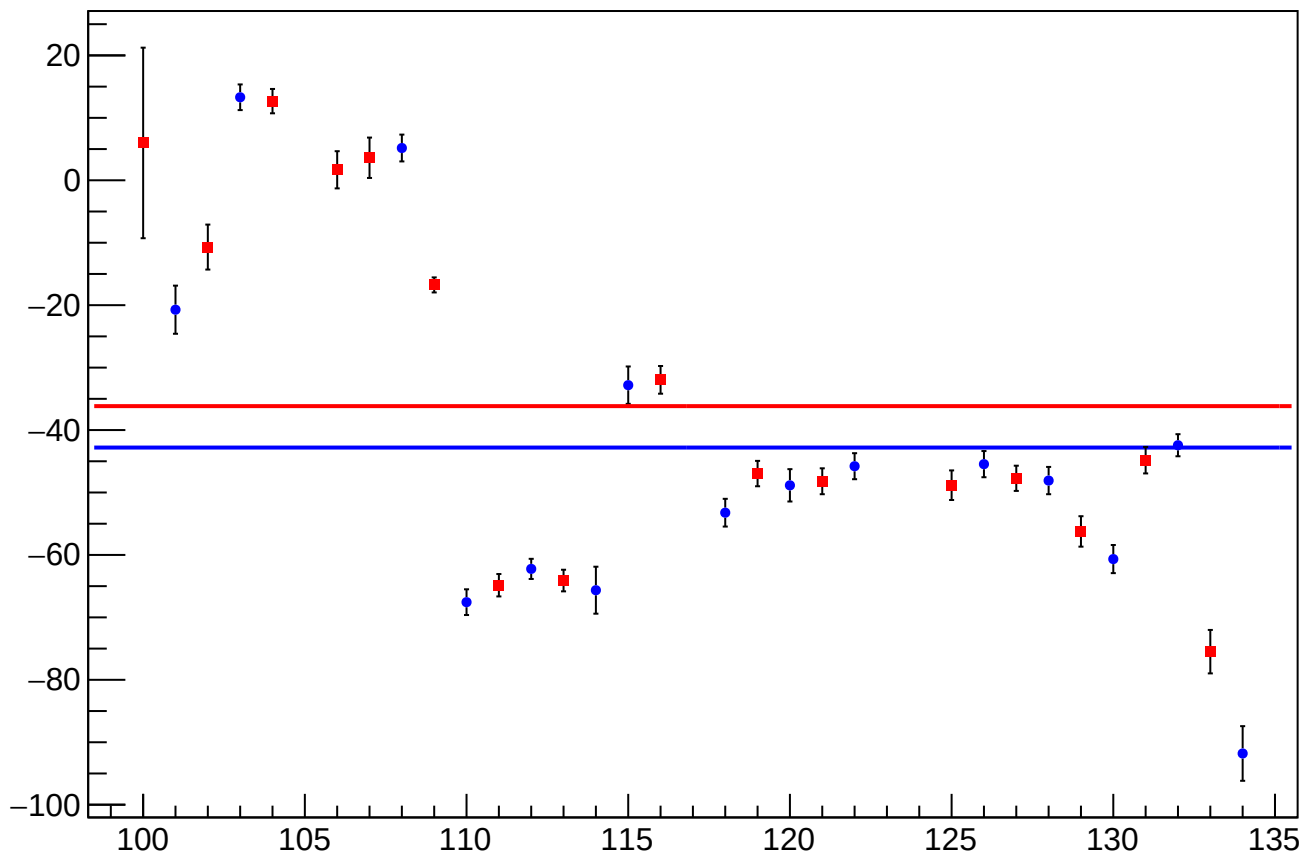
Right: 17.304+/-0.053 χ^2/NDF : 225298.8/30

In: 21.689+/-0.076 χ^2/NDF : 98966.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.304+/-0.053 χ^2/NDF : 225298.8/30

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.803+/-0.586 χ^2/NDF : 1840.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.169+/-0.538 χ^2/NDF : 2112.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

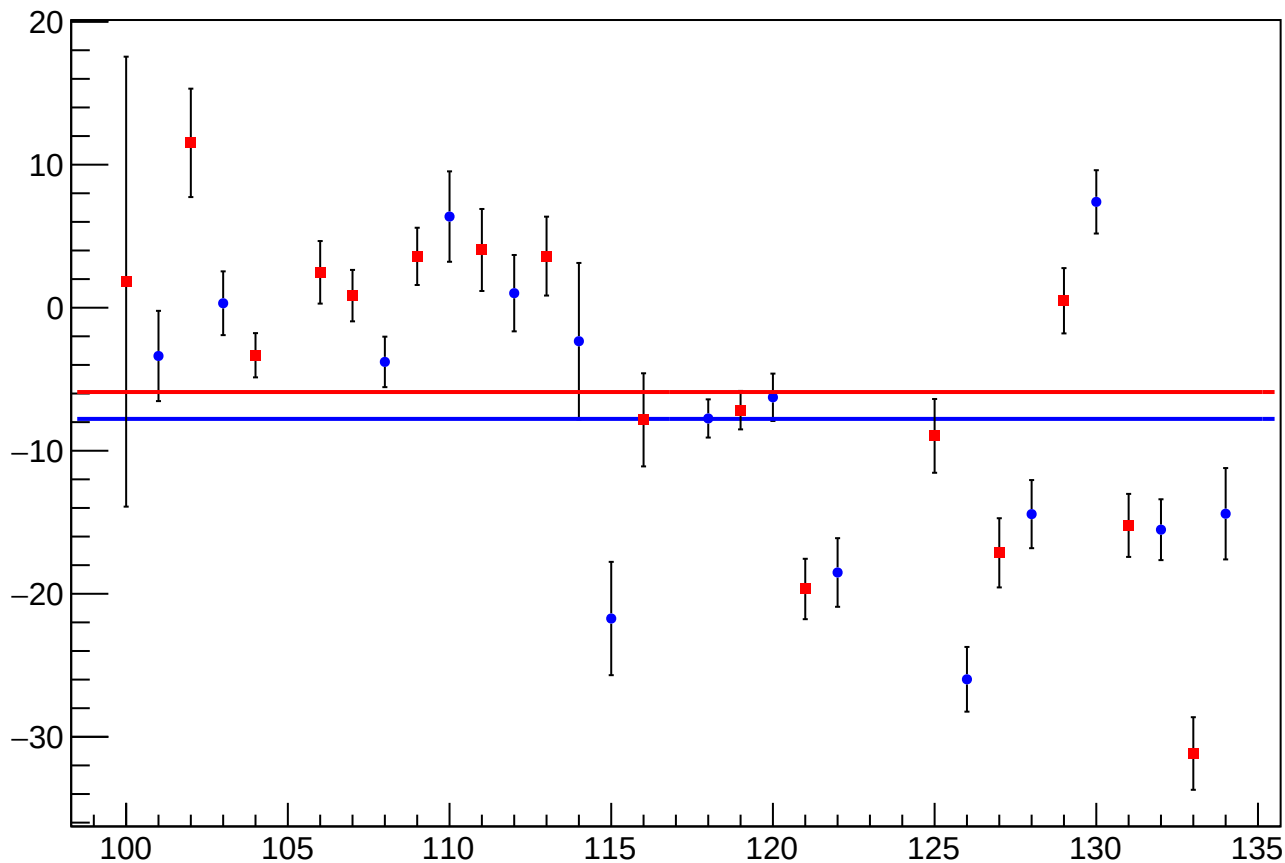
Right: -39.200+/-0.396 χ^2/NDF : 4022.7/30

In: -42.803+/-0.586 χ^2/NDF : 1840.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.200+/-0.396 χ^2/NDF : 4022.7/30

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.774+/-0.582 χ^2/NDF : 222.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.895+/-0.554 χ^2/NDF : 290.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

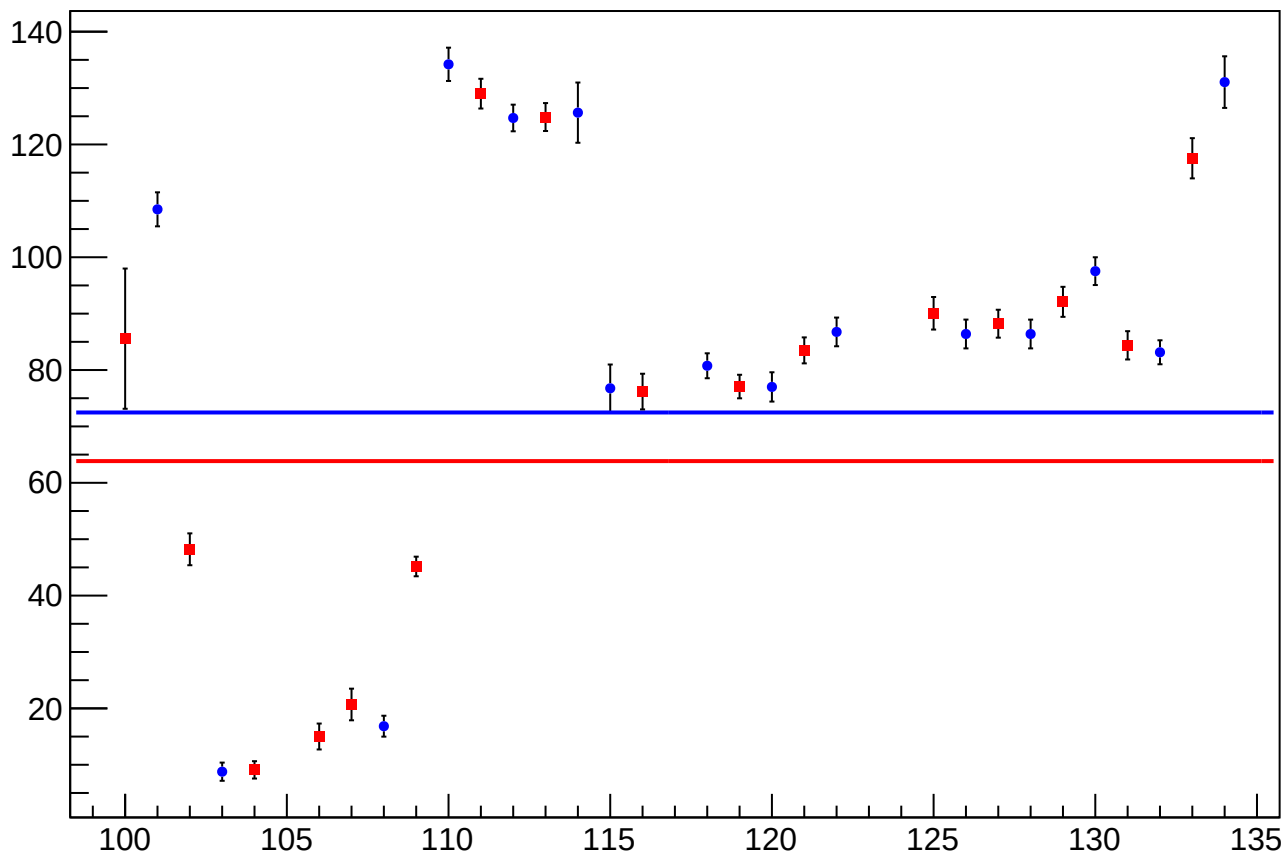
Right: -6.788+/-0.401 χ^2/NDF : 518.8/30

In: -7.774+/-0.582 χ^2/NDF : 222.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.788+/-0.401 χ^2/NDF : 518.8/30

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.472+/-0.643 χ^2 /NDF: 4028.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 63.851+/-0.610 χ^2 /NDF: 4034.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

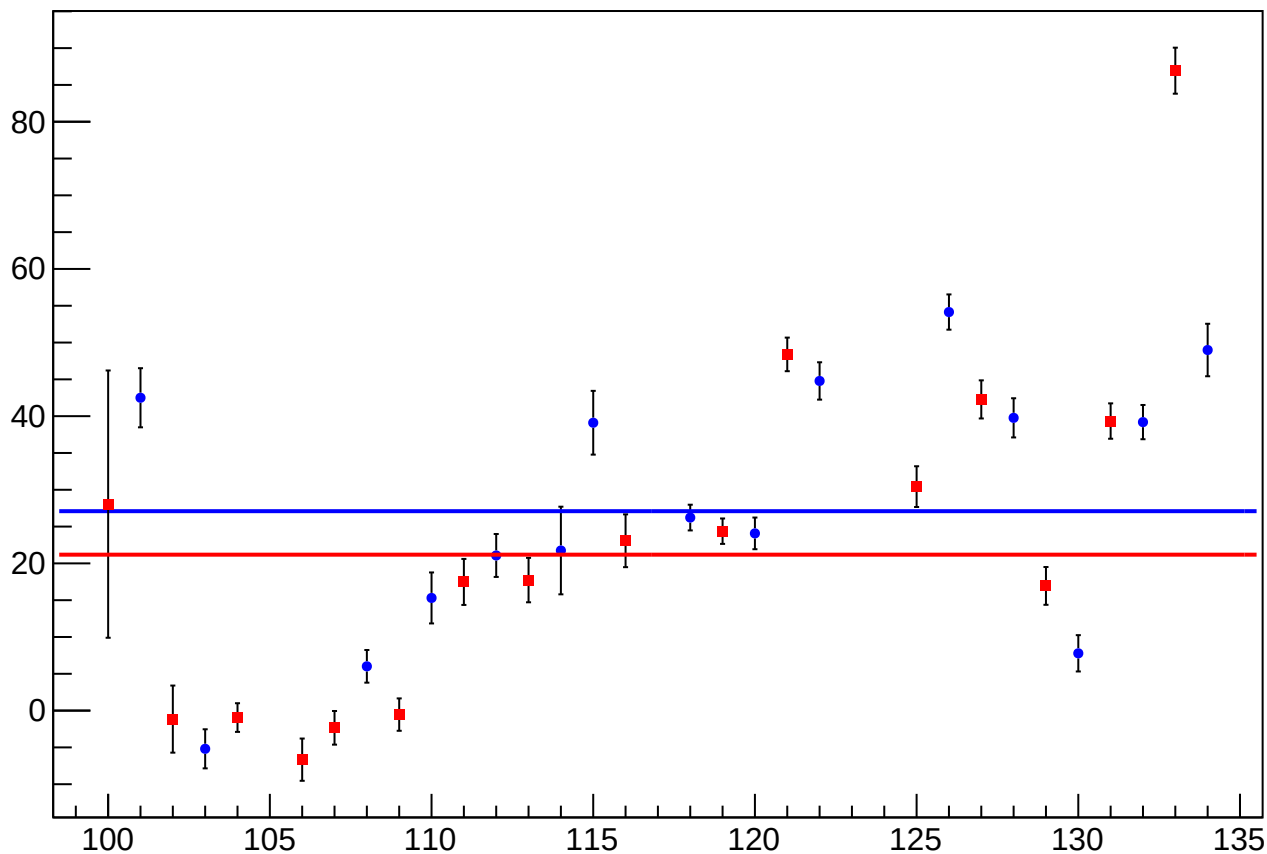
Right: 67.934+/-0.443 χ^2 /NDF: 8157.8/30

In: 72.472+/-0.643 χ^2 /NDF:4028.5/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 67.934+/-0.443 χ^2 /NDF: 8157.8/30

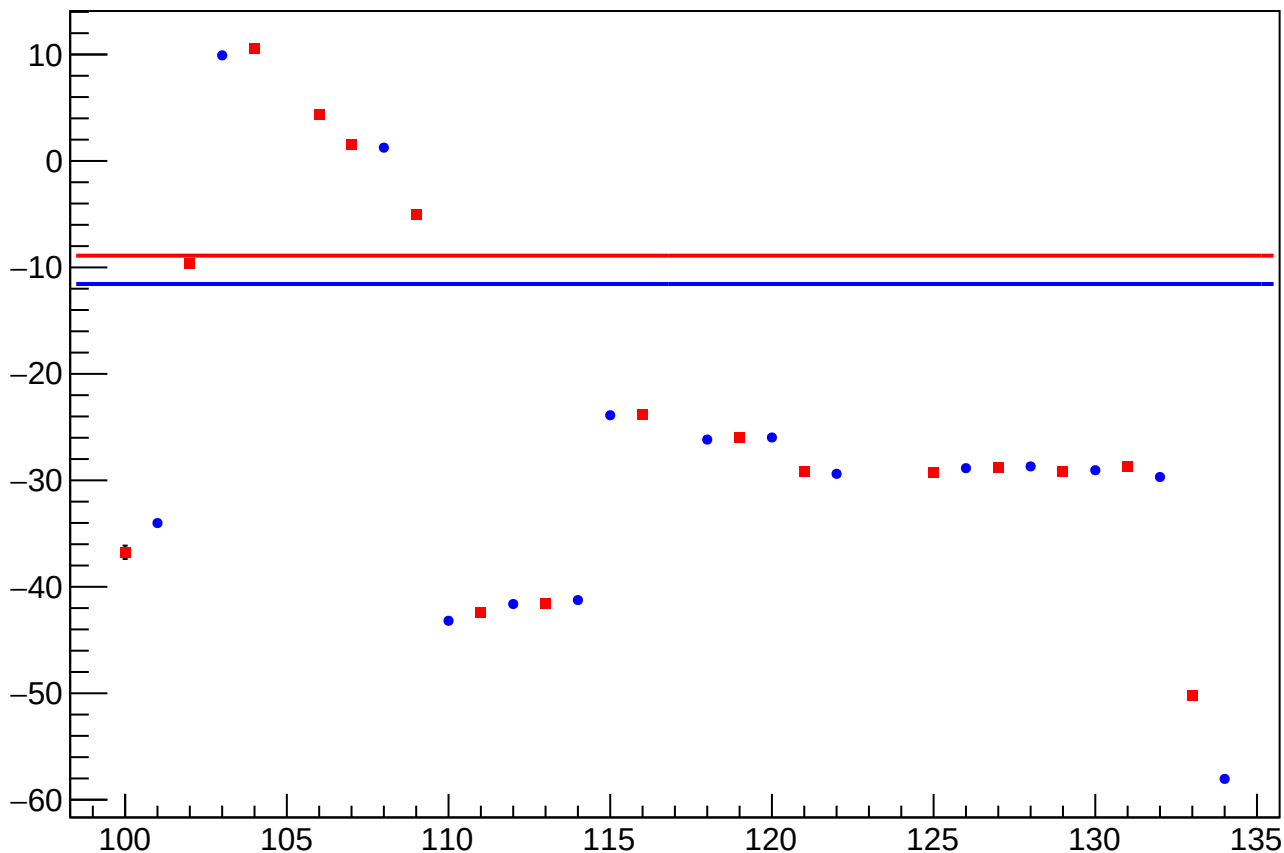
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.092 ± 0.685 χ^2/NDF : 604.4/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 21.184 ± 0.651 χ^2/NDF : 1179.1/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: 23.989 ± 0.472 χ^2/NDF : 1822.5/30
 In: 27.092 ± 0.685 χ^2/NDF : 604.4/14
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 23.989 ± 0.472 χ^2/NDF : 1822.5/30

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.557+/-0.038 χ^2/NDF : 316100.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.896+/-0.037 χ^2/NDF : 237984.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

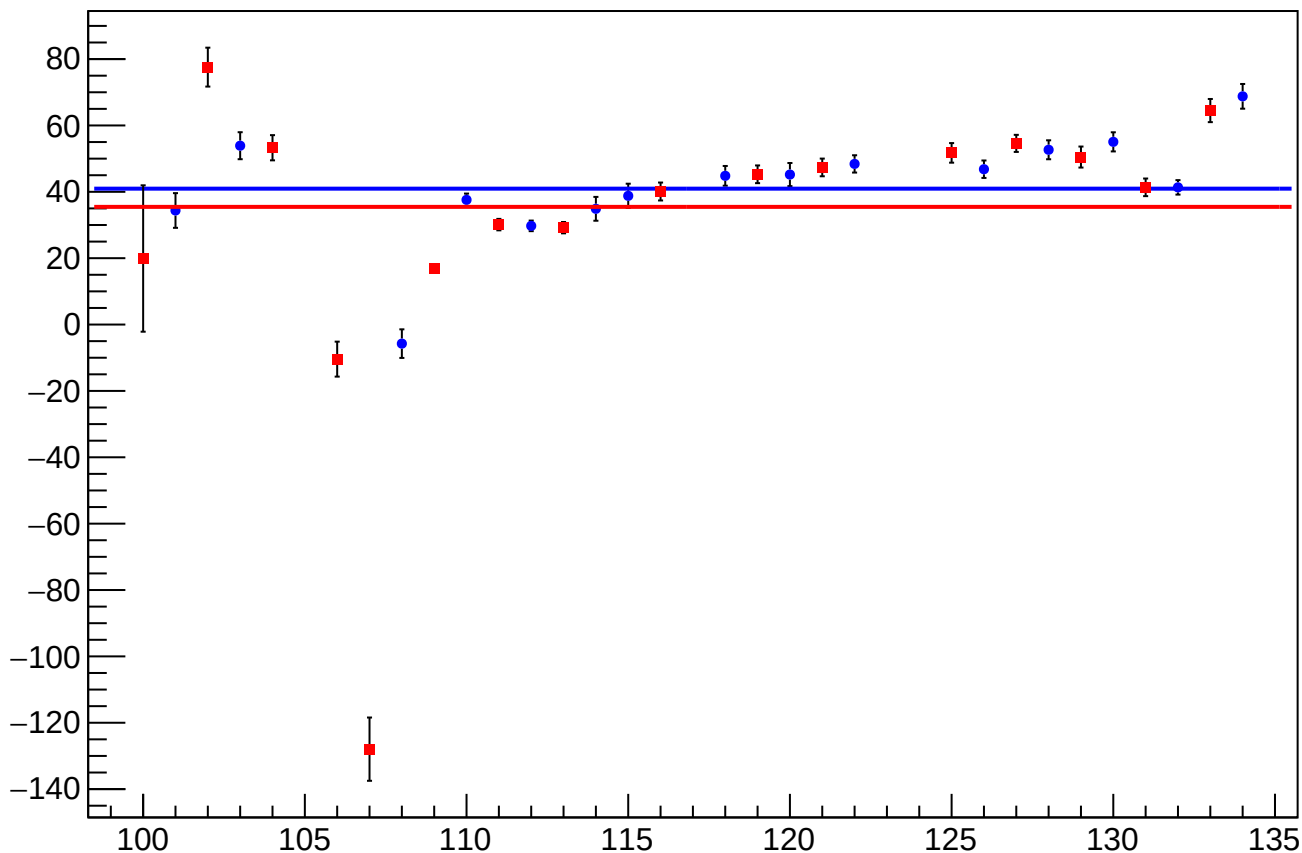
Right: -10.215+/-0.026 χ^2/NDF : 556612.2/30

In: -11.557+/-0.038 χ^2/NDF :316100.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.215+/-0.026 χ^2/NDF : 556612.2/30

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 40.953+/-0.709 χ^2/NDF : 297.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.464+/-0.663 χ^2/NDF : 836.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

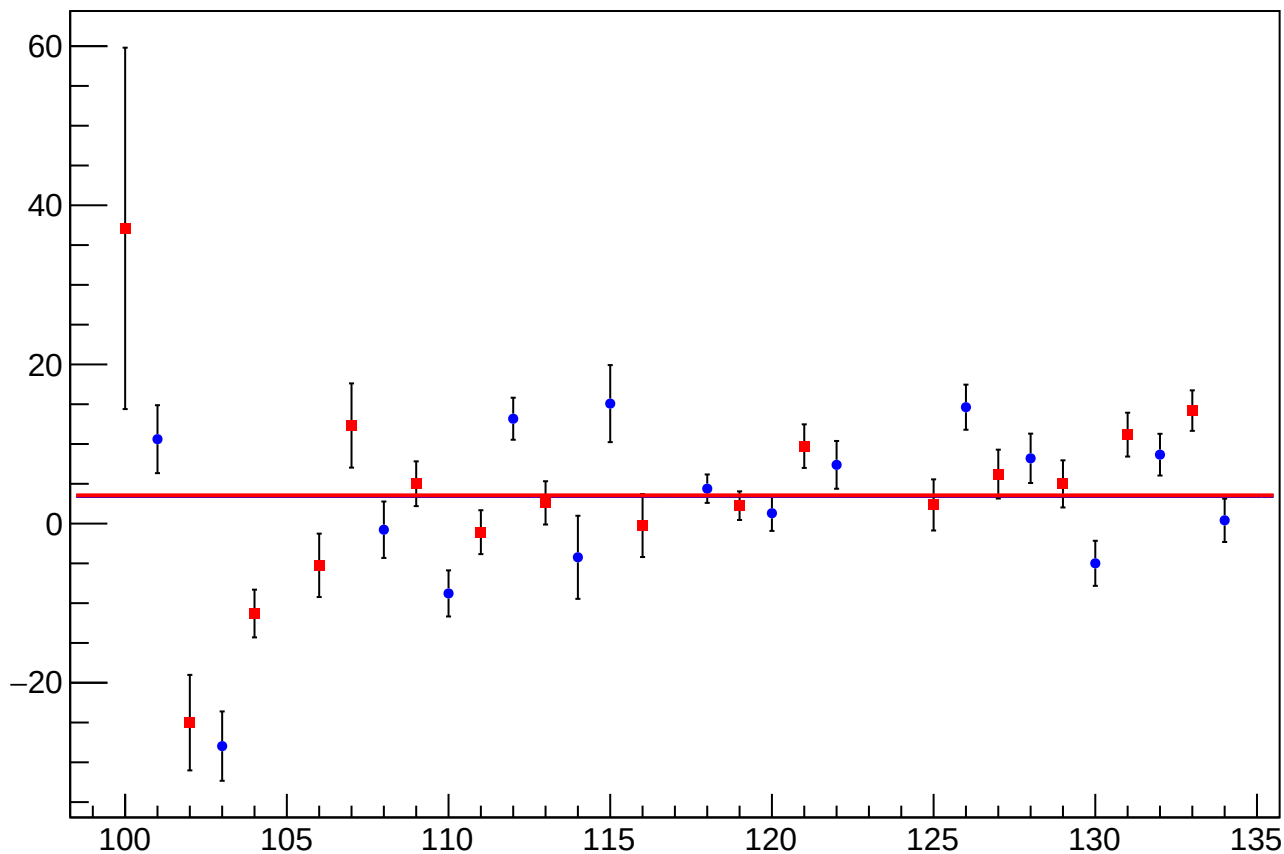
Right: 38.022+/-0.484 χ^2/NDF : 1166.6/30

In: 40.953+/-0.709 χ^2/NDF : 297.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.022+/-0.484 χ^2/NDF : 1166.6/30

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.468+/-0.748 χ^2/NDF : 130.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.544+/-0.758 χ^2/NDF : 93.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

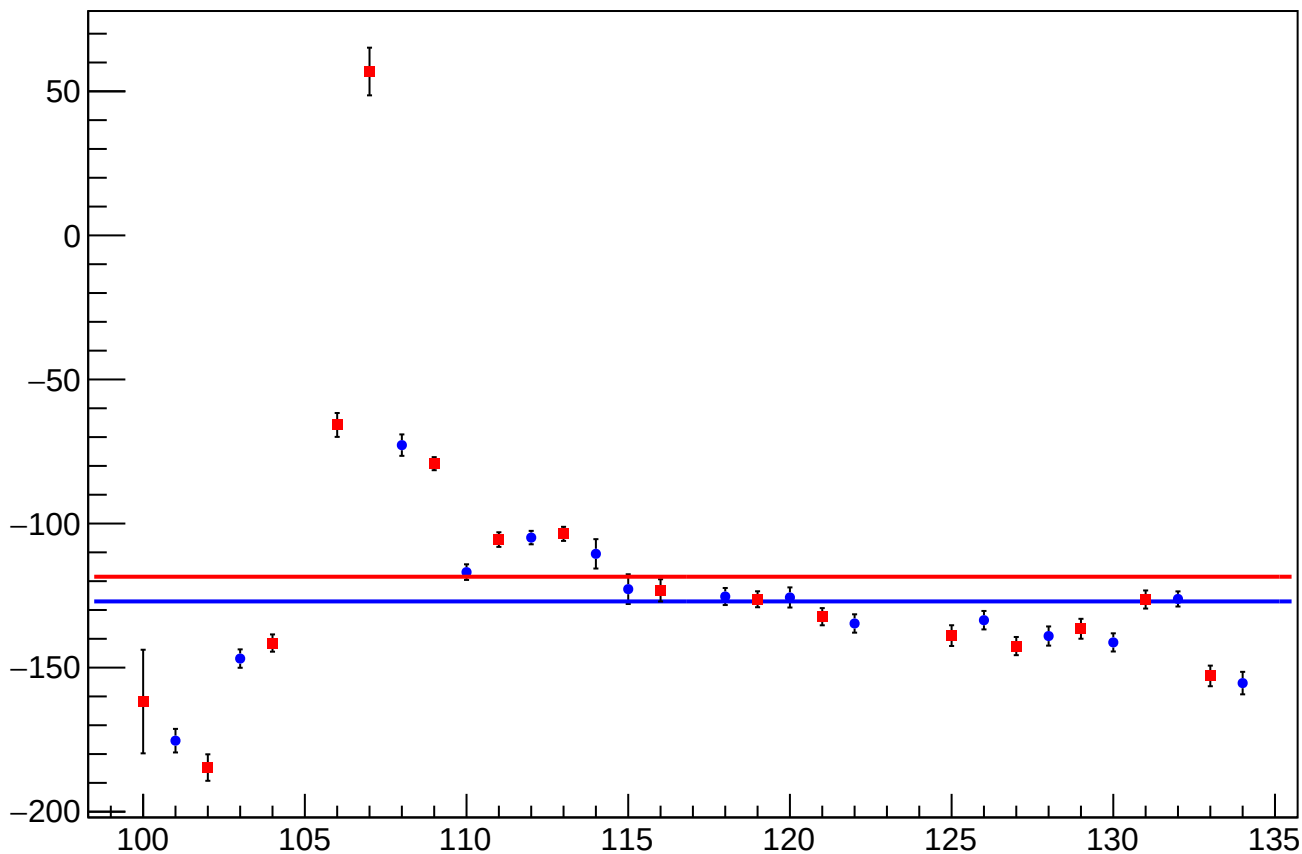
Right: 3.505+/-0.532 χ^2/NDF : 223.4/30

In: 3.468+/-0.748 χ^2/NDF : 130.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.505+/-0.532 χ^2/NDF : 223.4/30

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -127.027+/-0.839 χ^2 /NDF: 602.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -118.457+/-0.816 χ^2 /NDF: 1492.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

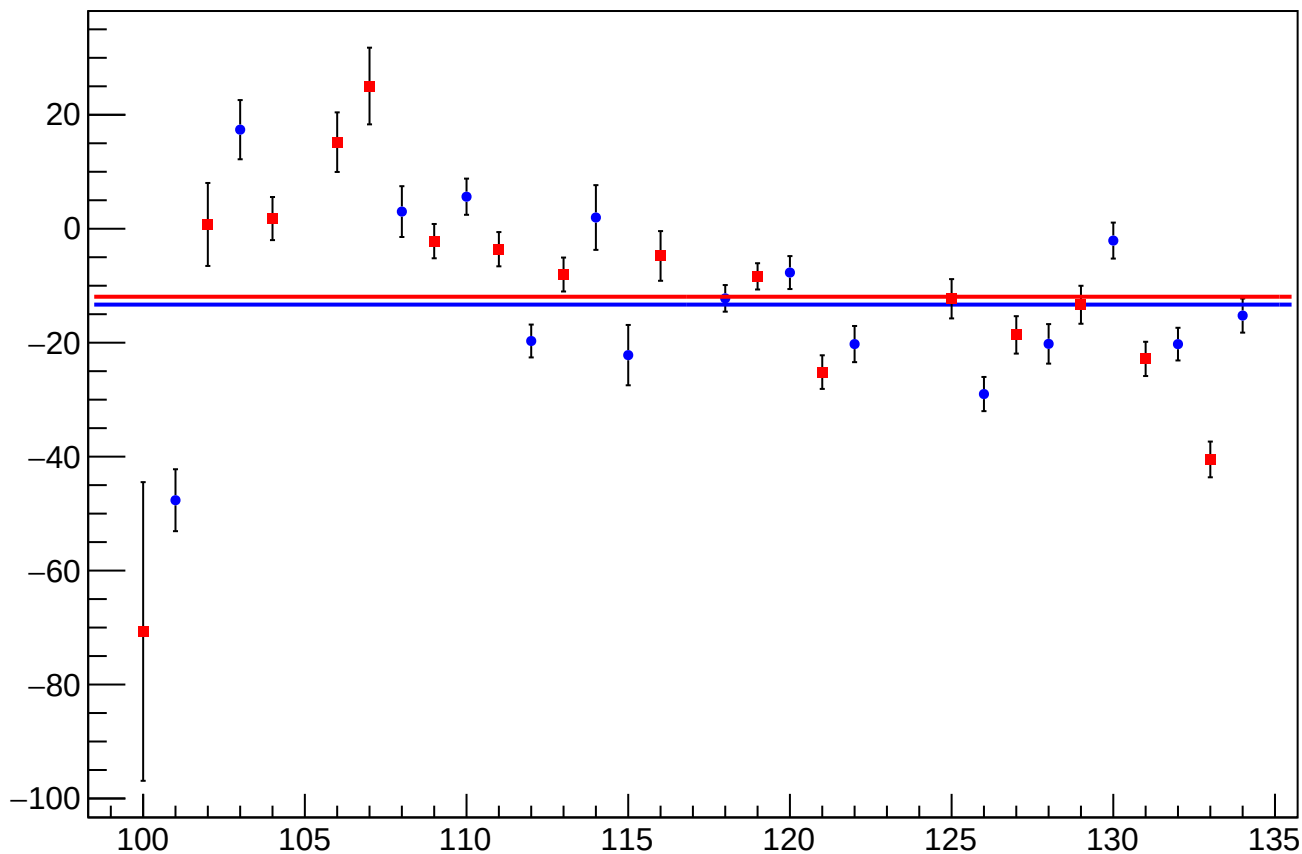
Right: -122.620+/-0.585 χ^2 /NDF: 2148.6/30

In: -127.027+/-0.839 χ^2 /NDF:602.5/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -122.620+/-0.585 χ^2 /NDF: 2148.6/30

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.315 ± 0.865 χ^2/NDF : 197.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.933 ± 0.871 χ^2/NDF : 223.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

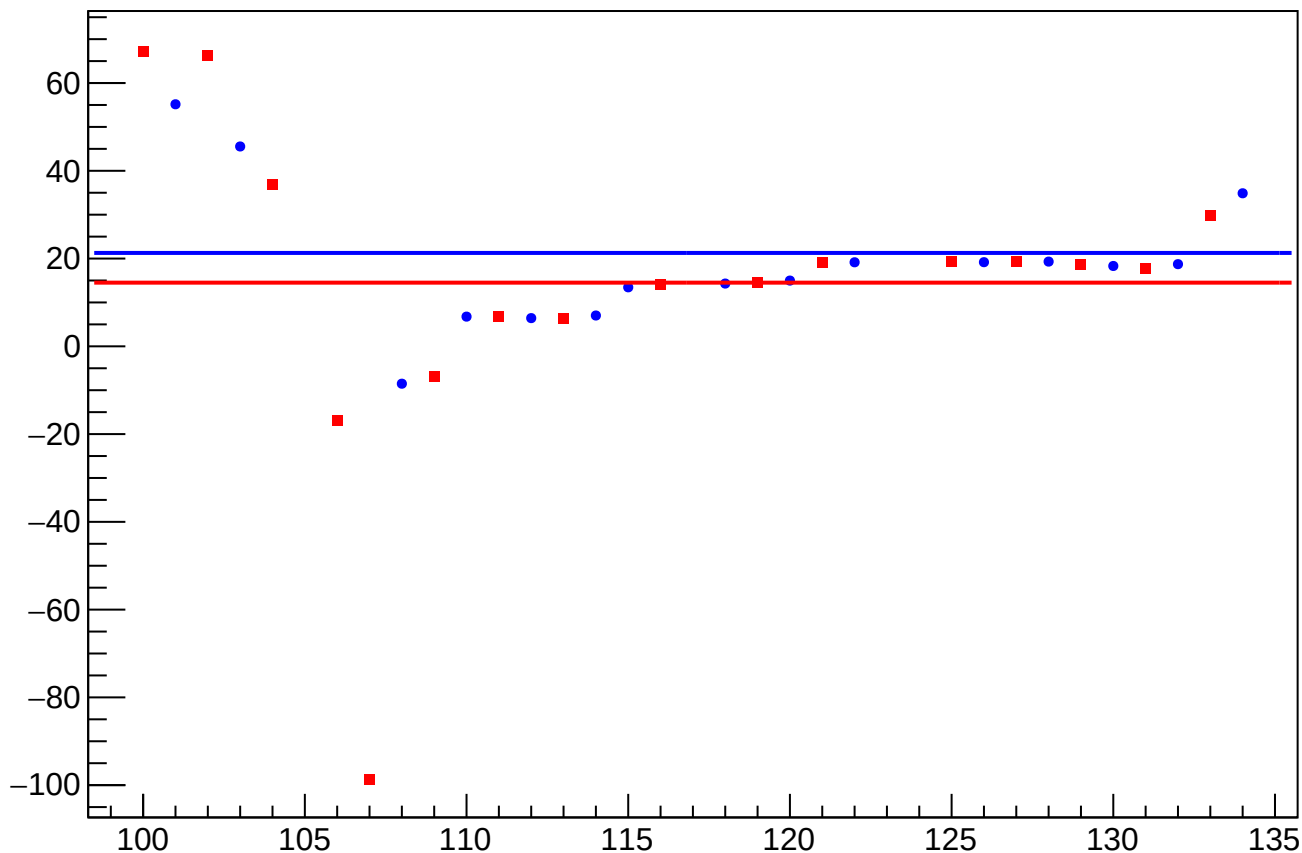
Right: -12.629 ± 0.614 χ^2/NDF : 422.9/30

In: -13.315 ± 0.865 χ^2/NDF : 197.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.629 ± 0.614 χ^2/NDF : 422.9/30

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 21.284+/-0.054 χ^2/NDF : 114089.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.511+/-0.056 χ^2/NDF : 256836.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

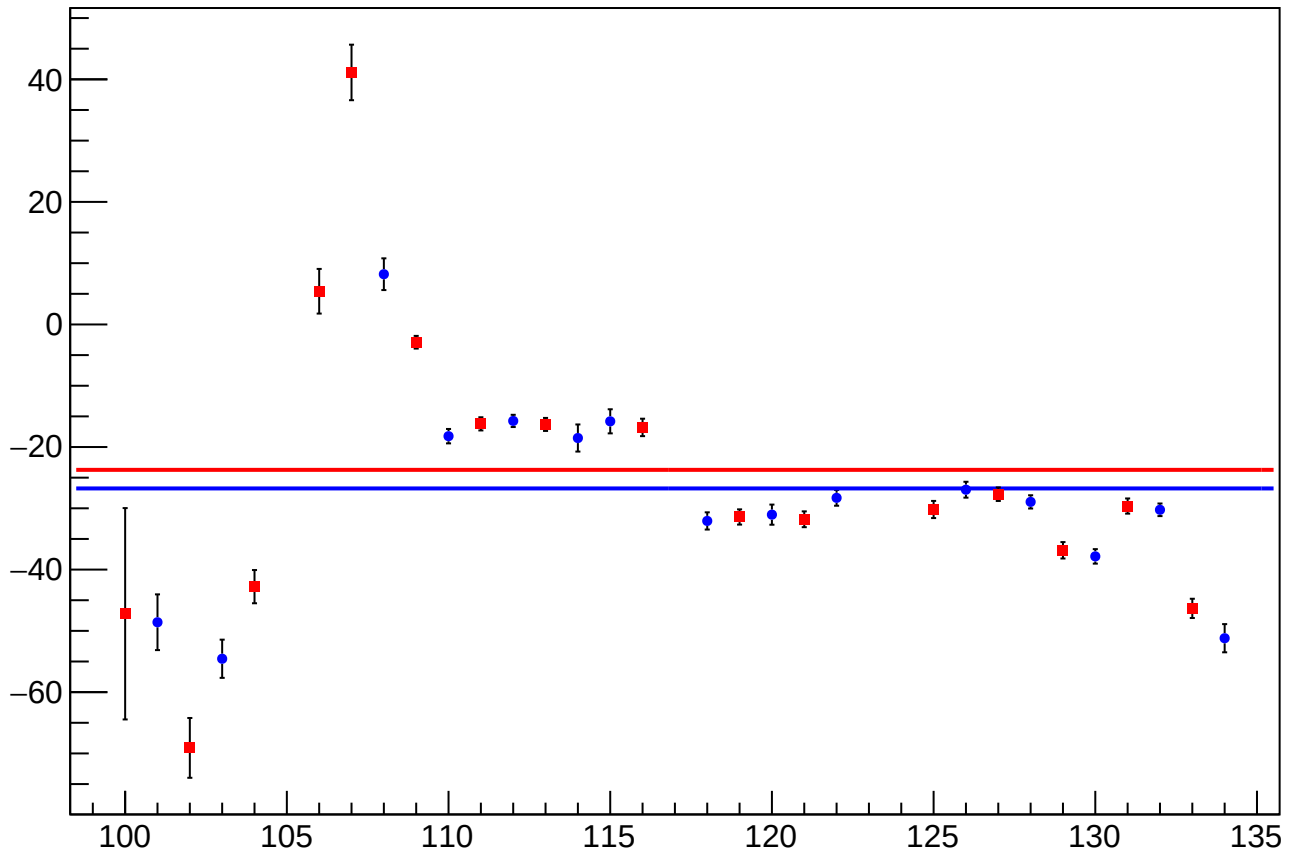
Right: 18.014+/-0.039 χ^2/NDF : 378455.6/30

In: 21.284+/-0.054 χ^2/NDF : 114089.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.014+/-0.039 χ^2/NDF : 378455.6/30

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.758 ± 0.371 χ^2/NDF : 743.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.725 ± 0.361 χ^2/NDF : 1370.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

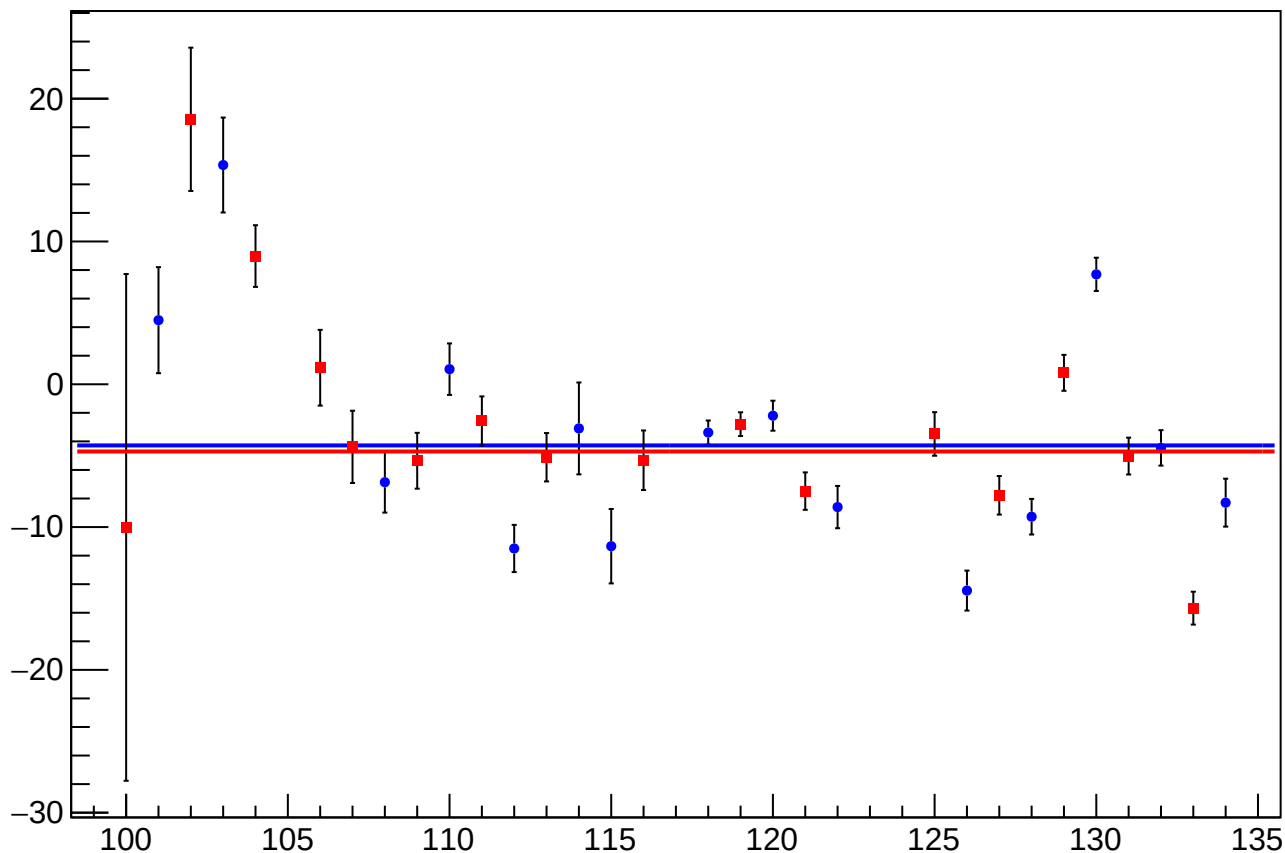
Right: -25.201 ± 0.259 χ^2/NDF : 2147.5/30

In: -26.758 ± 0.371 χ^2/NDF : 743.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.201 ± 0.259 χ^2/NDF : 2147.5/30

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.283+/-0.379 χ^2 /NDF: 271.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.708+/-0.386 χ^2 /NDF: 194.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

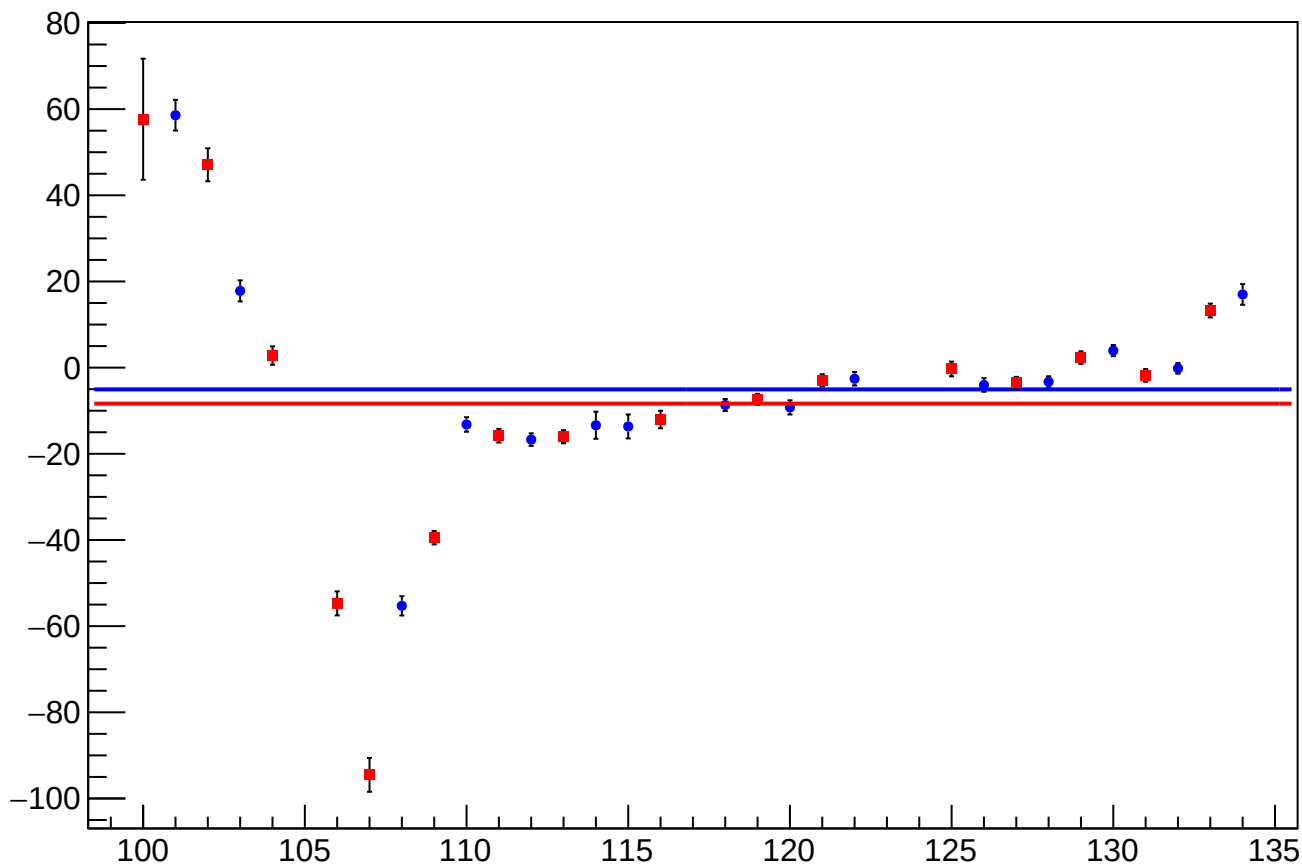
Right: -4.491+/-0.270 χ^2 /NDF: 465.7/30

In: -4.283+/-0.379 χ^2 /NDF:271.0/14

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.491+/-0.270 χ^2 /NDF: 465.7/30

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.047+/-0.438 χ^2/NDF : 1182.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.358+/-0.435 χ^2/NDF : 1771.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

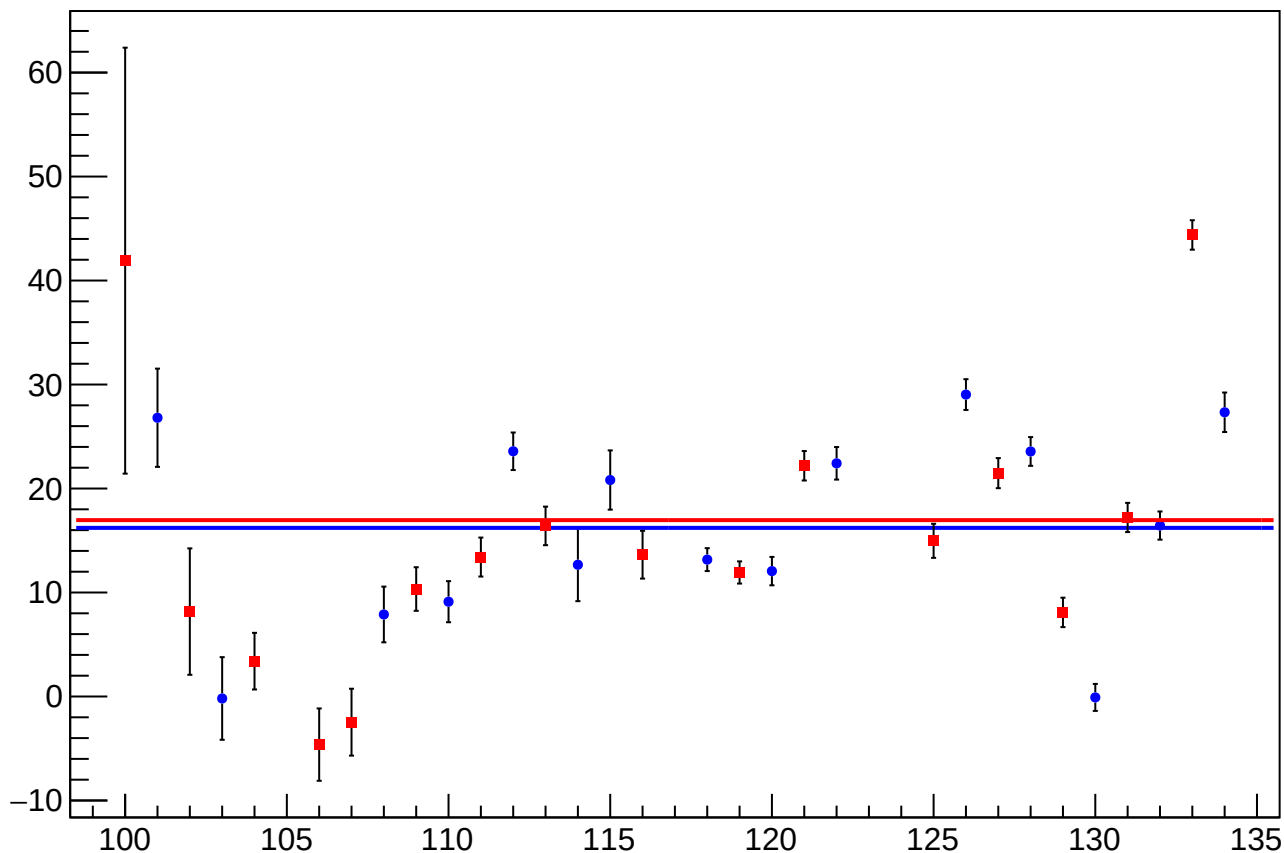
Right: -6.711+/-0.309 χ^2/NDF : 2982.9/30

In: -5.047+/-0.438 χ^2/NDF :1182.4/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.711+/-0.309 χ^2/NDF : 2982.9/30

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.216+/-0.439 χ^2/NDF : 393.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.960+/-0.444 χ^2/NDF : 581.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

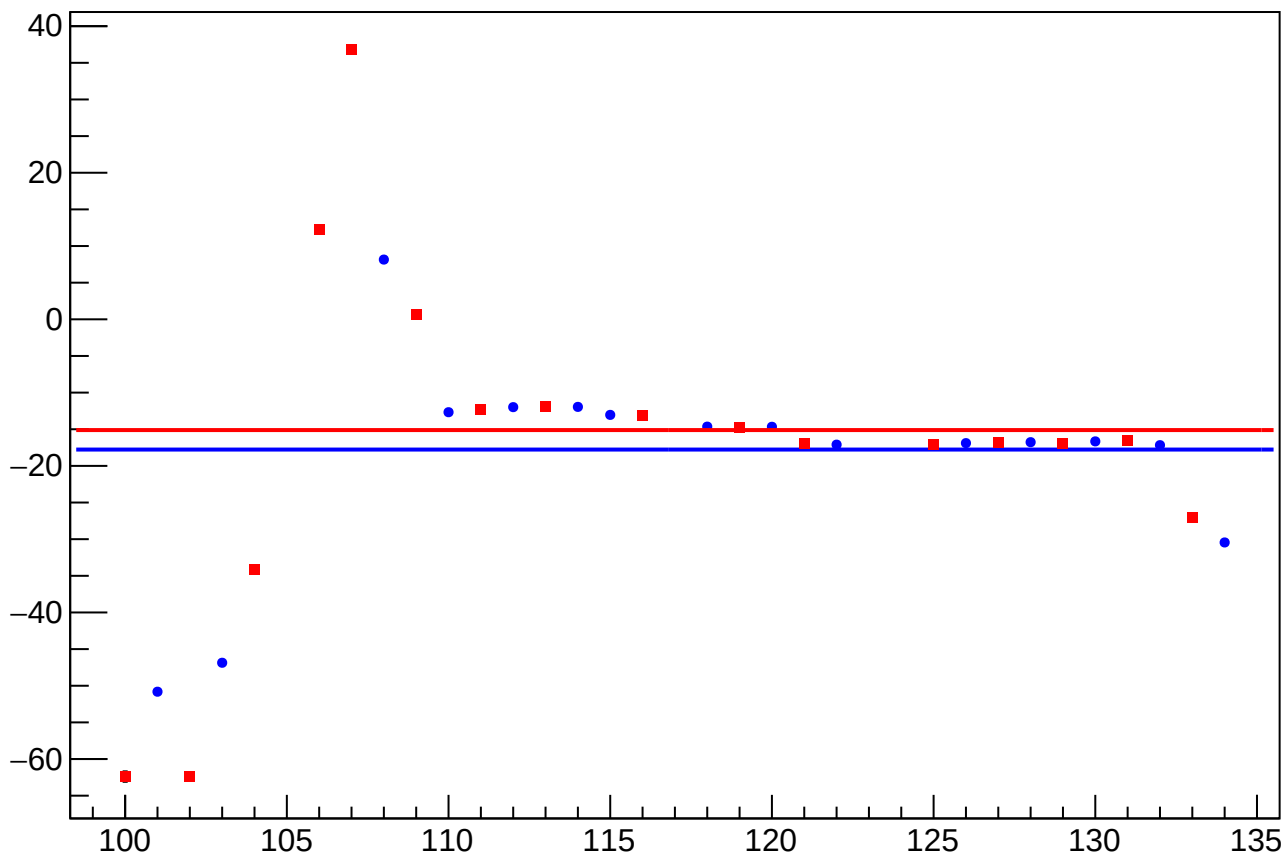
Right: 16.584+/-0.312 χ^2/NDF : 975.3/30

In: 16.216+/-0.439 χ^2/NDF : 393.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.584+/-0.312 χ^2/NDF : 975.3/30

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.772 $\pm$ 0.031 χ^2 /NDF: 209229.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.113 $\pm$ 0.032 χ^2 /NDF: 292478.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

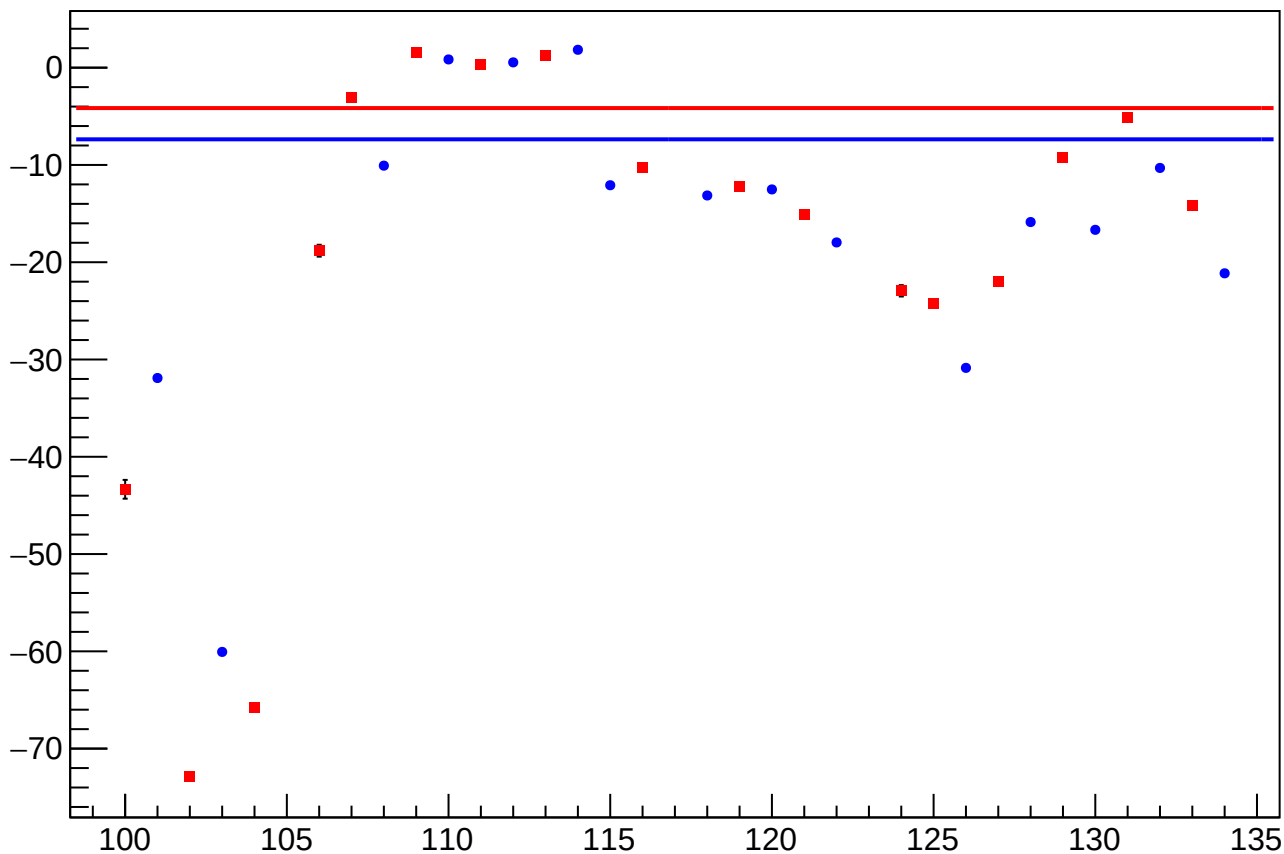
Right: -16.483 $\pm$ 0.022 χ^2 /NDF: 505337.3/30

In: -17.772 $\pm$ 0.031 χ^2 /NDF:209229.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.483 $\pm$ 0.022 χ^2 /NDF: 505337.3/30

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.366 ± 0.057 $\chi^2/\text{NDF}: 42382.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.153 ± 0.048 $\chi^2/\text{NDF}: 62022.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

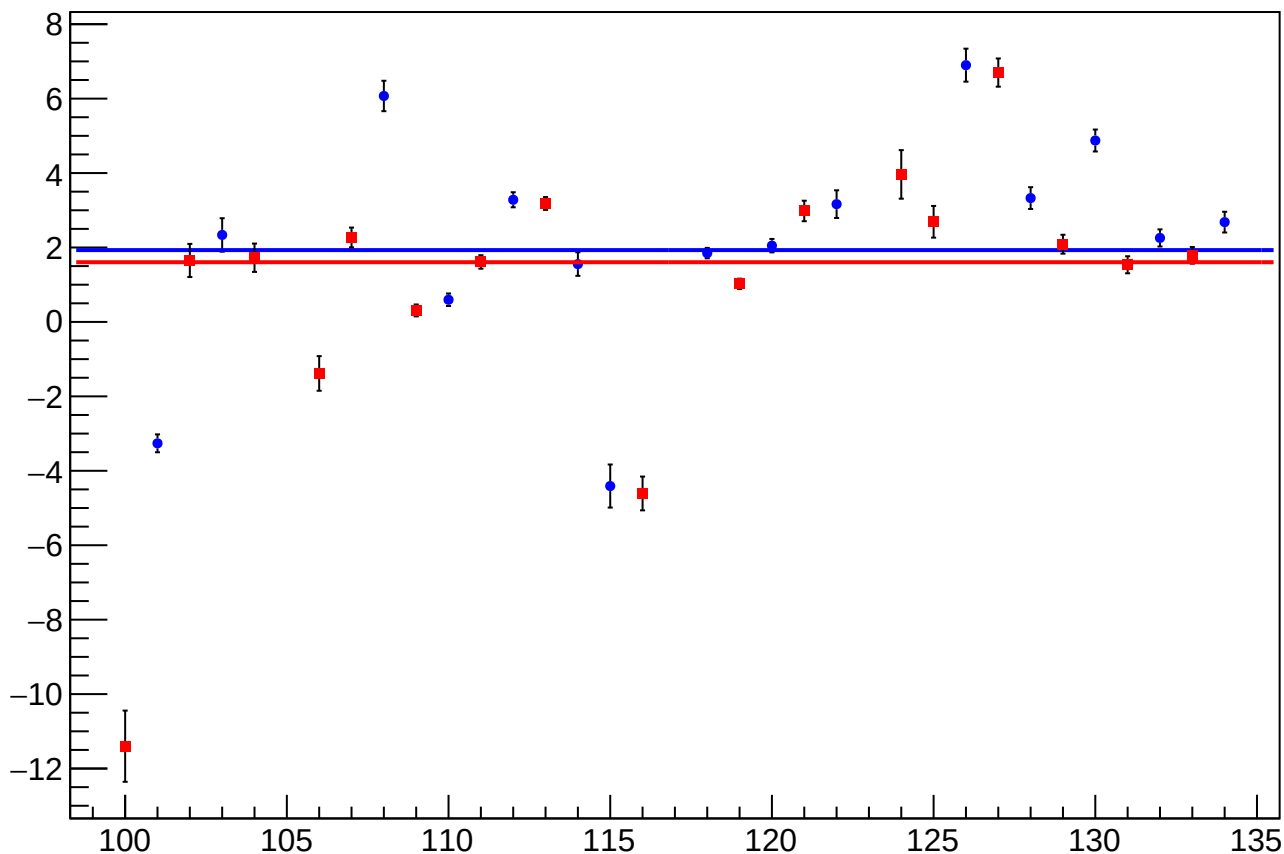
Right: -5.471 ± 0.037 $\chi^2/\text{NDF}: 106247.1/31$

In: -7.366 ± 0.057 $\chi^2/\text{NDF}: 42382.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.471 ± 0.037 $\chi^2/\text{NDF}: 106247.1/31$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.063 χ^2/NDF : 1067.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.604+/-0.060 χ^2/NDF : 816.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

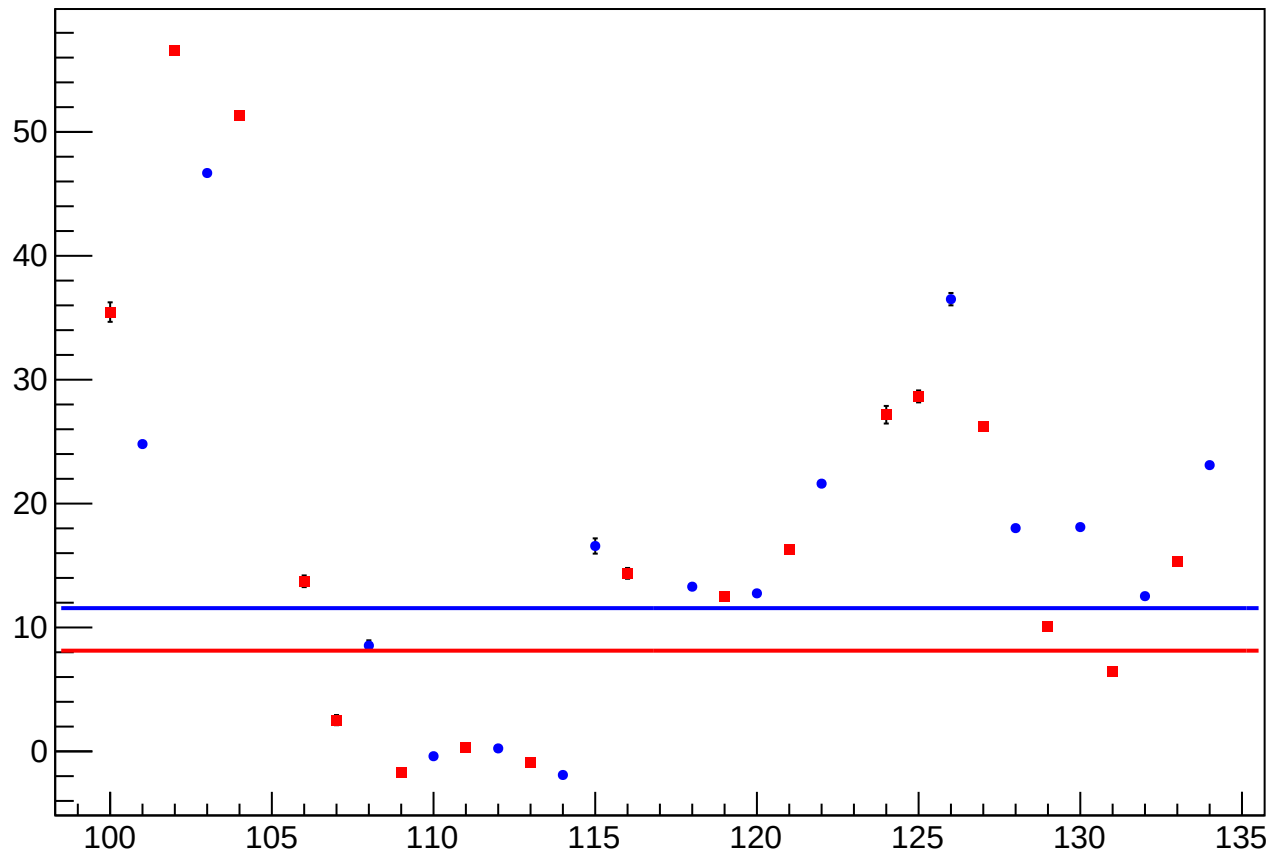
Right: 1.760+/-0.044 χ^2/NDF : 1897.9/31

In: 1.930+/-0.063 χ^2/NDF : 1067.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.760+/-0.044 χ^2/NDF : 1897.9/31

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.561+/-0.070 χ^2/NDF : 30768.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.128+/-0.063 χ^2/NDF : 51284.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

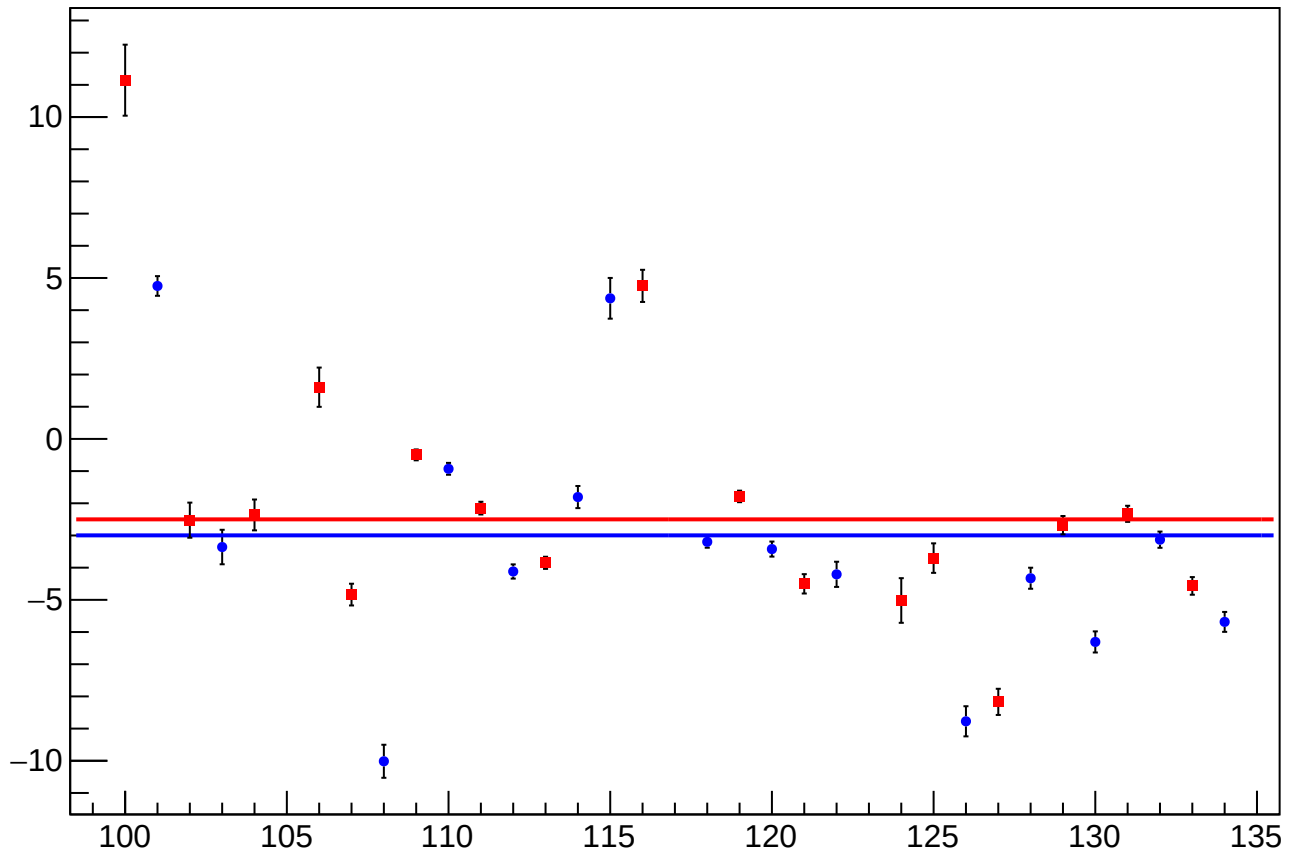
Right: 9.659+/-0.047 χ^2/NDF : 83383.4/31

In: 11.561+/-0.070 χ^2/NDF : 30768.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.659+/-0.047 χ^2/NDF : 83383.4/31

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.997 ± 0.074 χ^2/NDF : 1490.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.499 ± 0.069 χ^2/NDF : 984.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

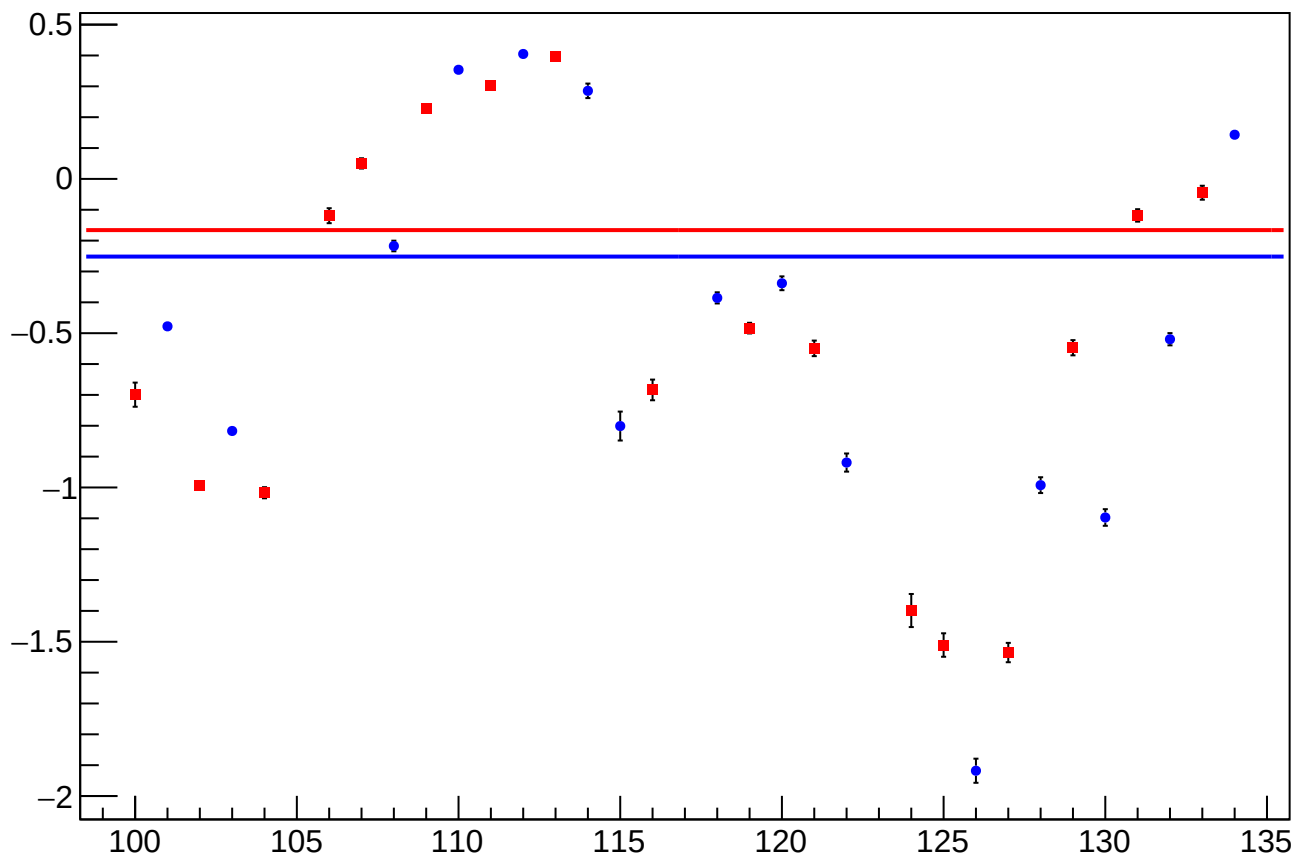
Right: -2.731 ± 0.050 χ^2/NDF : 2498.1/31

In: -2.997 ± 0.074 χ^2/NDF : 1490.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.731 ± 0.050 χ^2/NDF : 2498.1/31

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.252 ± 0.005 $\chi^2/\text{NDF}: 11977.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.166 ± 0.004 $\chi^2/\text{NDF}: 15261.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

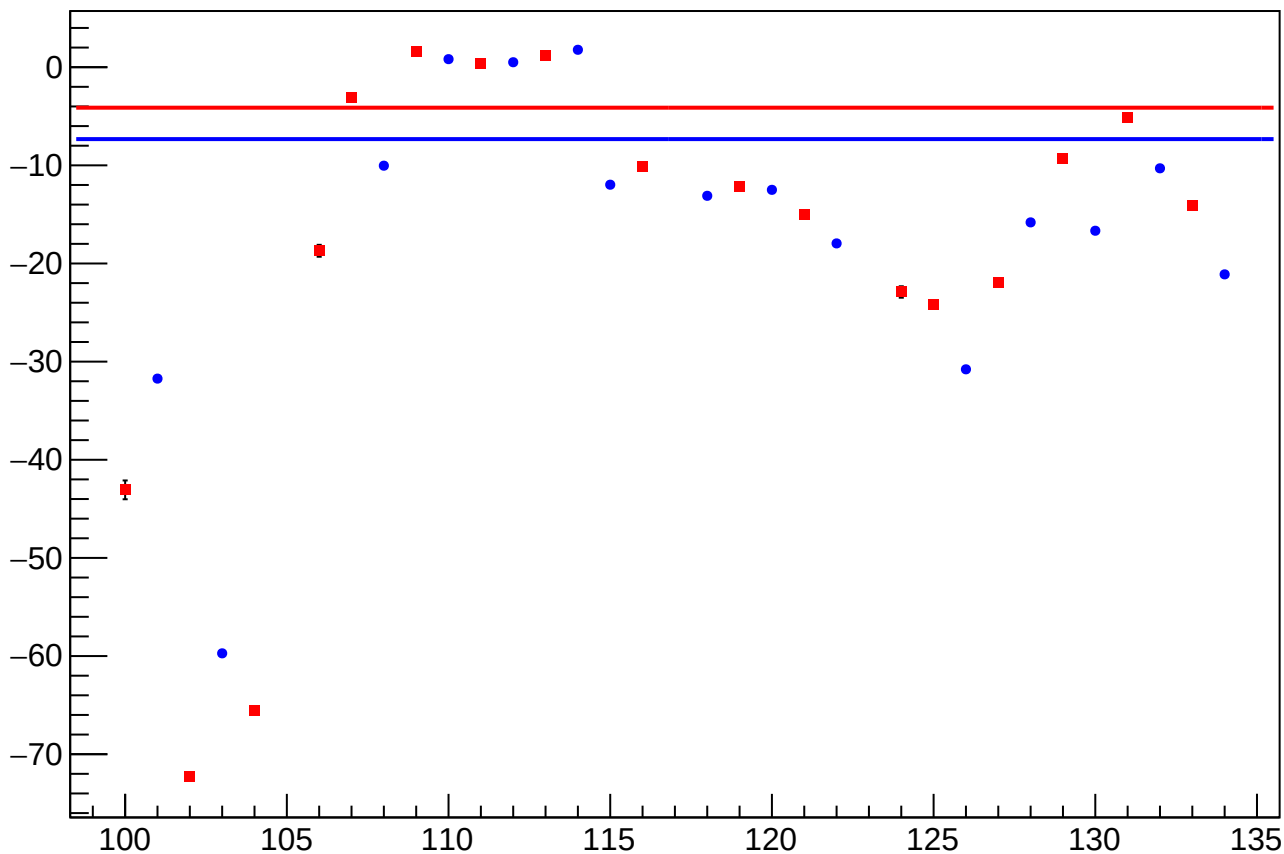
Right: -0.206 ± 0.003 $\chi^2/\text{NDF}: 27410.6/31$

In: -0.252 ± 0.005 $\chi^2/\text{NDF}: 11977.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.206 ± 0.003 $\chi^2/\text{NDF}: 27410.6/31$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.326 ± 0.057 $\chi^2/\text{NDF}: 42407.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.125 ± 0.048 $\chi^2/\text{NDF}: 62041.2/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

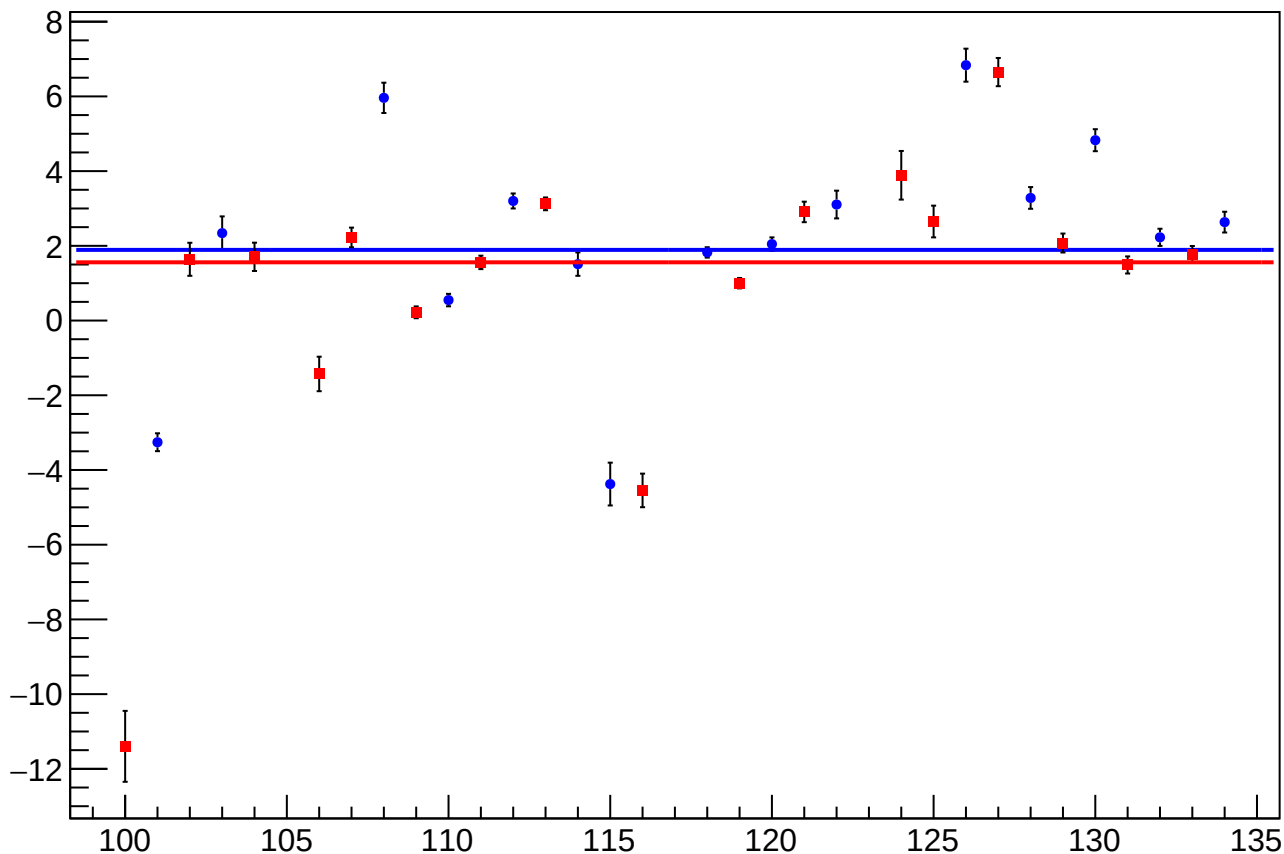
Right: -5.437 ± 0.037 $\chi^2/\text{NDF}: 106301.8/31$

In: -7.326 ± 0.057 $\chi^2/\text{NDF}: 42407.2/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.437 ± 0.037 $\chi^2/\text{NDF}: 106301.8/31$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.892 $\pm$ 0.063 χ^2 /NDF: 1061.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.559 $\pm$ 0.060 χ^2 /NDF: 820.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

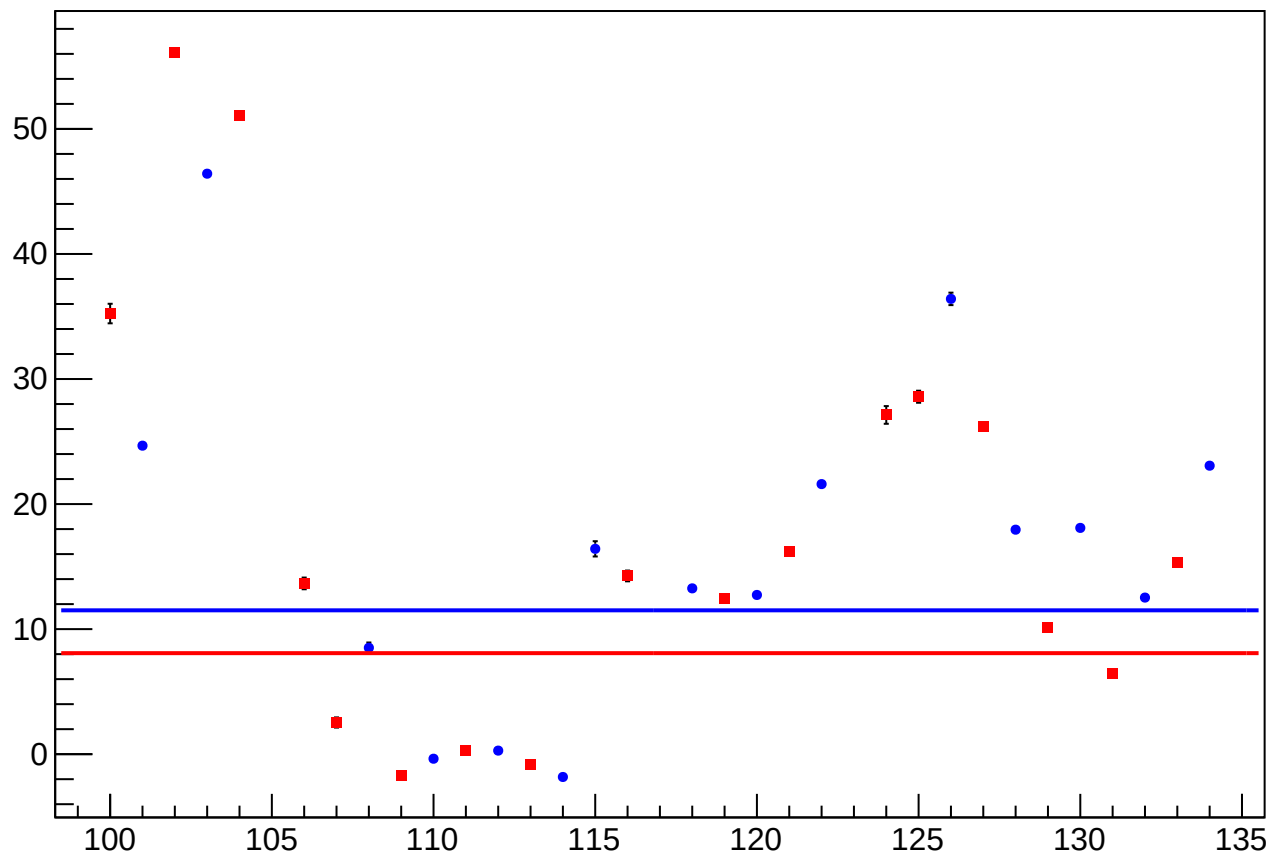
Right: 1.718 $\pm$ 0.043 χ^2 /NDF: 1897.2/31

In: 1.892 $\pm$ 0.063 χ^2 /NDF:1061.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.718 $\pm$ 0.043 χ^2 /NDF: 1897.2/31

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.503+/-0.070 χ^2/NDF : 30786.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.079+/-0.062 χ^2/NDF : 51307.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

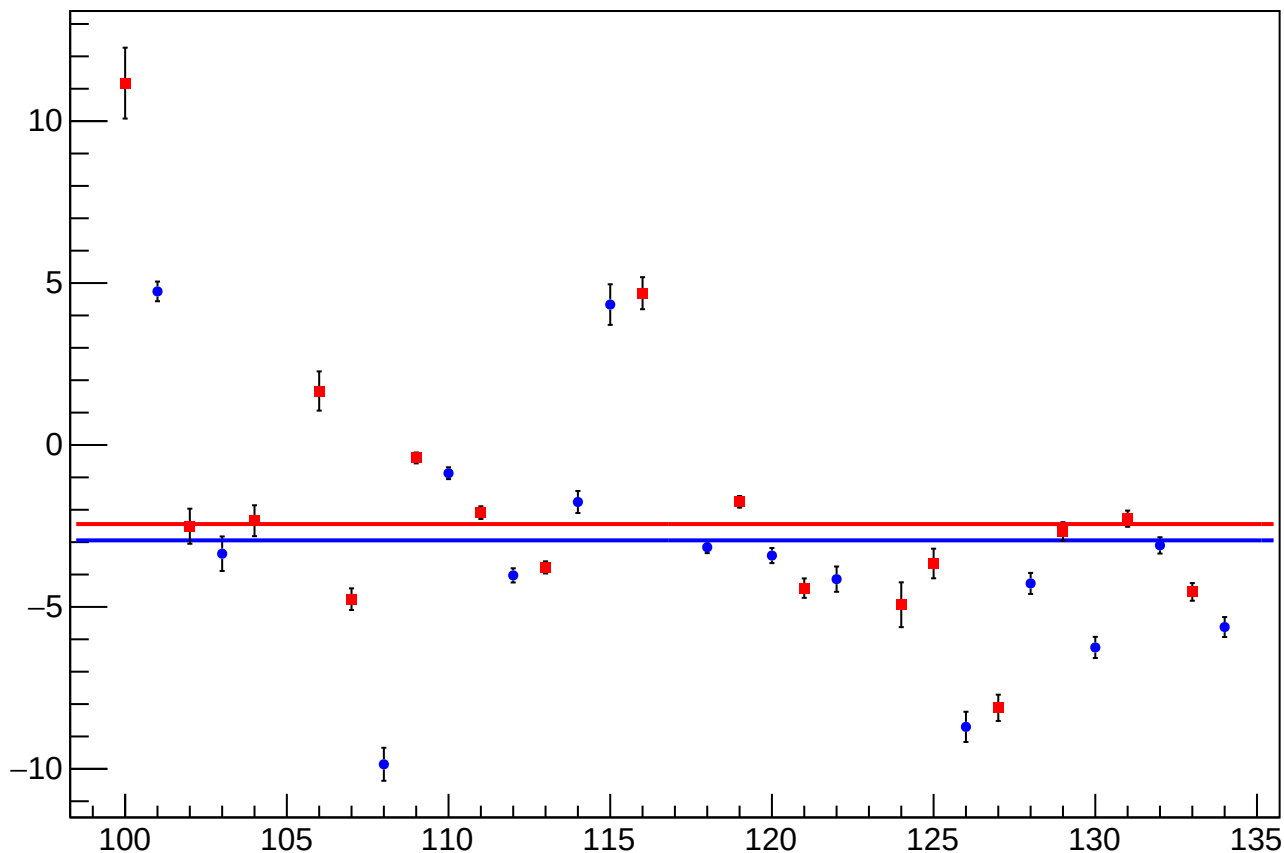
Right: 9.605+/-0.046 χ^2/NDF : 83433.8/31

In: 11.503+/-0.070 χ^2/NDF : 30786.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.605+/-0.046 χ^2/NDF : 83433.8/31

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.945 ± 0.074 χ^2/NDF : 1485.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.441 ± 0.069 χ^2/NDF : 992.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

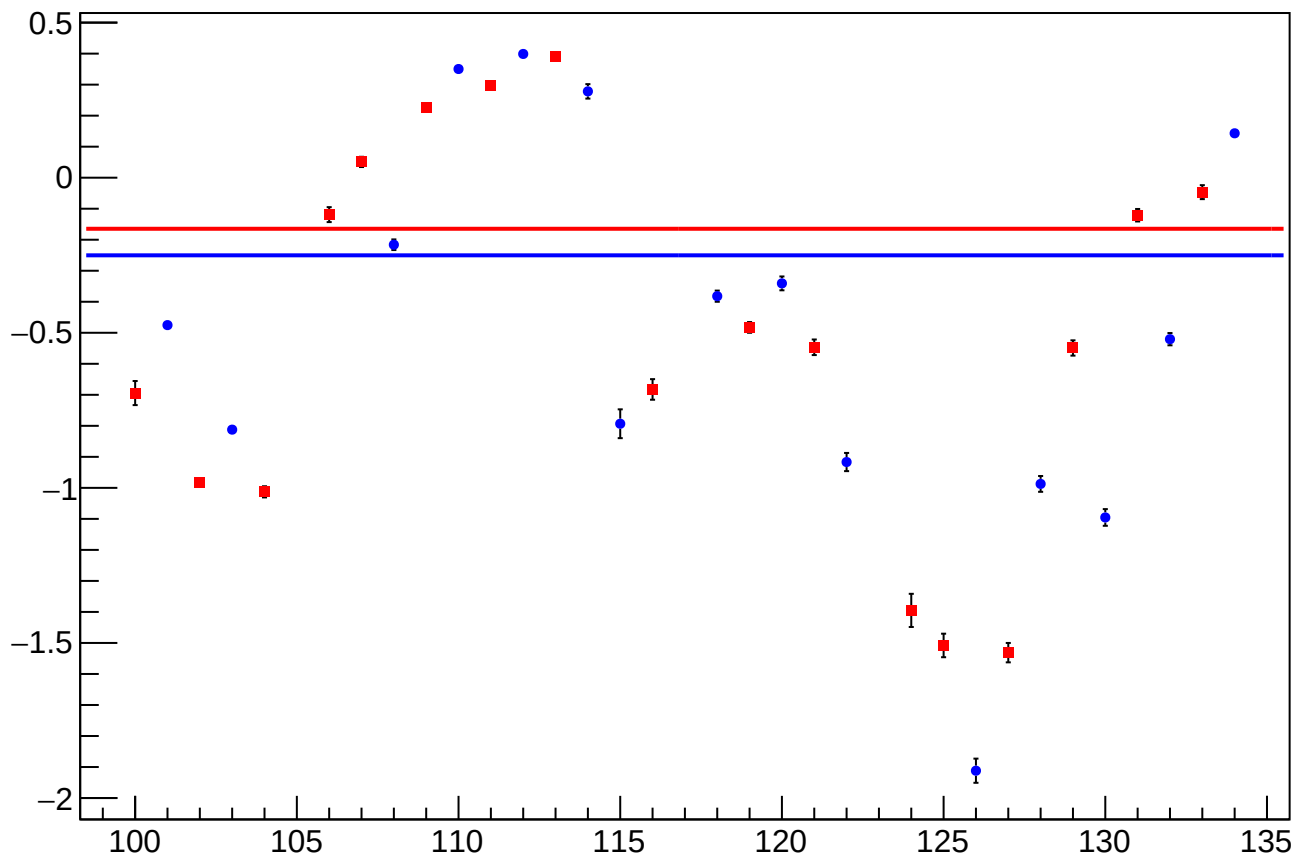
Right: -2.676 ± 0.050 χ^2/NDF : 2503.4/31

In: -2.945 ± 0.074 χ^2/NDF : 1485.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.676 ± 0.050 χ^2/NDF : 2503.4/31

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 11964.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.165 ± 0.004 $\chi^2/\text{NDF}: 15279.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

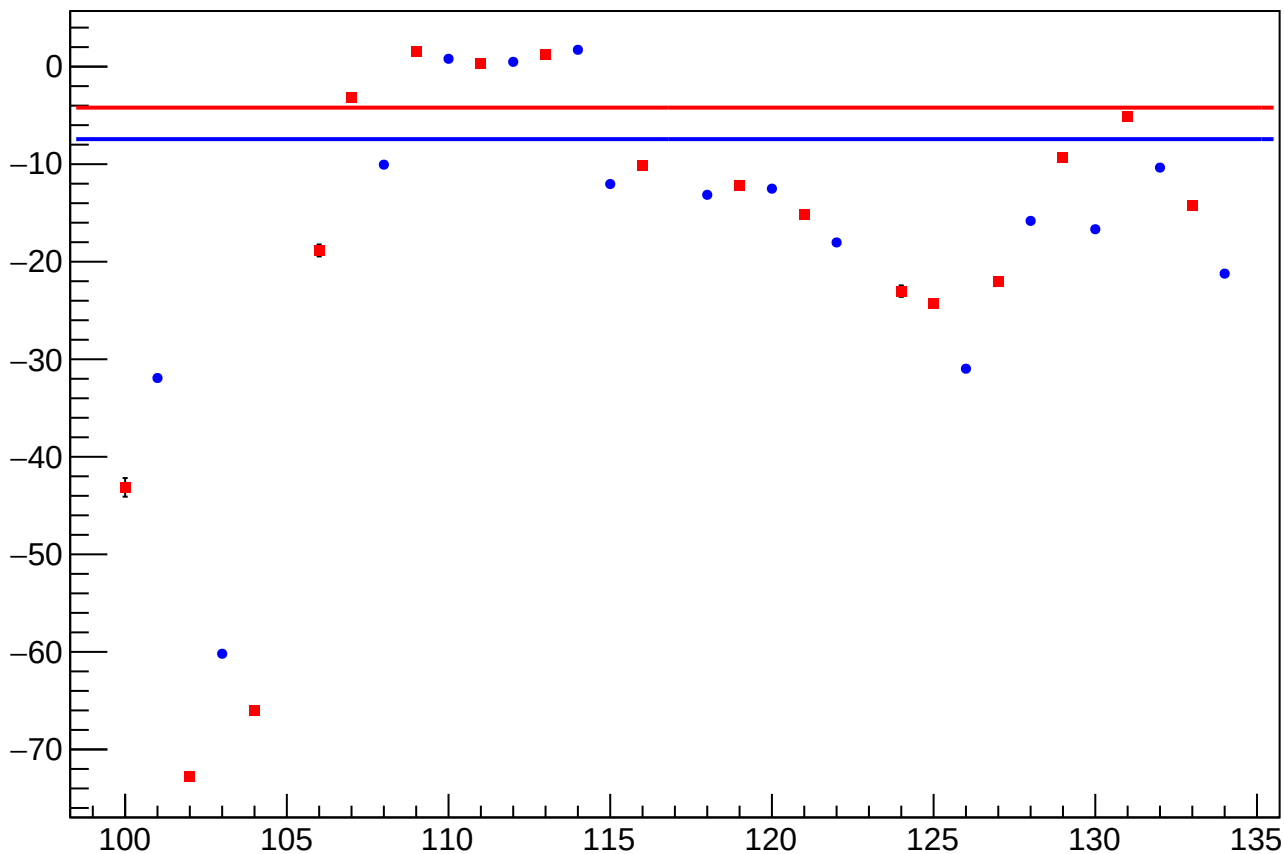
Right: -0.205 ± 0.003 $\chi^2/\text{NDF}: 27416.6/31$

In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 11964.8/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.205 ± 0.003 $\chi^2/\text{NDF}: 27416.6/31$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.434+/-0.058 χ^2/NDF : 42286.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.203+/-0.048 χ^2/NDF : 61946.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

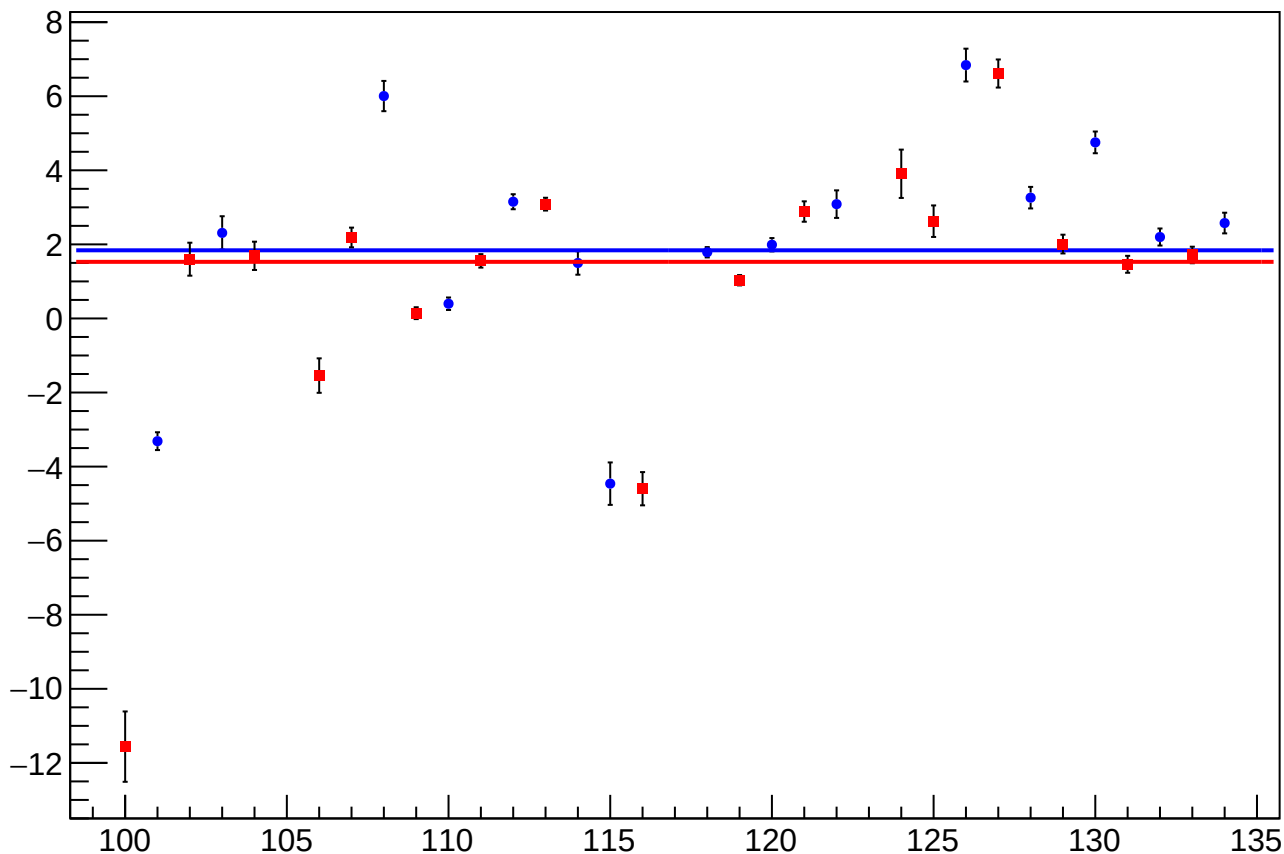
Right: -5.528+/-0.037 χ^2/NDF : 106094.4/31

In: -7.434+/-0.058 χ^2/NDF : 42286.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.528+/-0.037 χ^2/NDF : 106094.4/31

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.840 $\pm$ 0.063 χ^2 /NDF: 1072.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.529 $\pm$ 0.060 χ^2 /NDF: 823.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

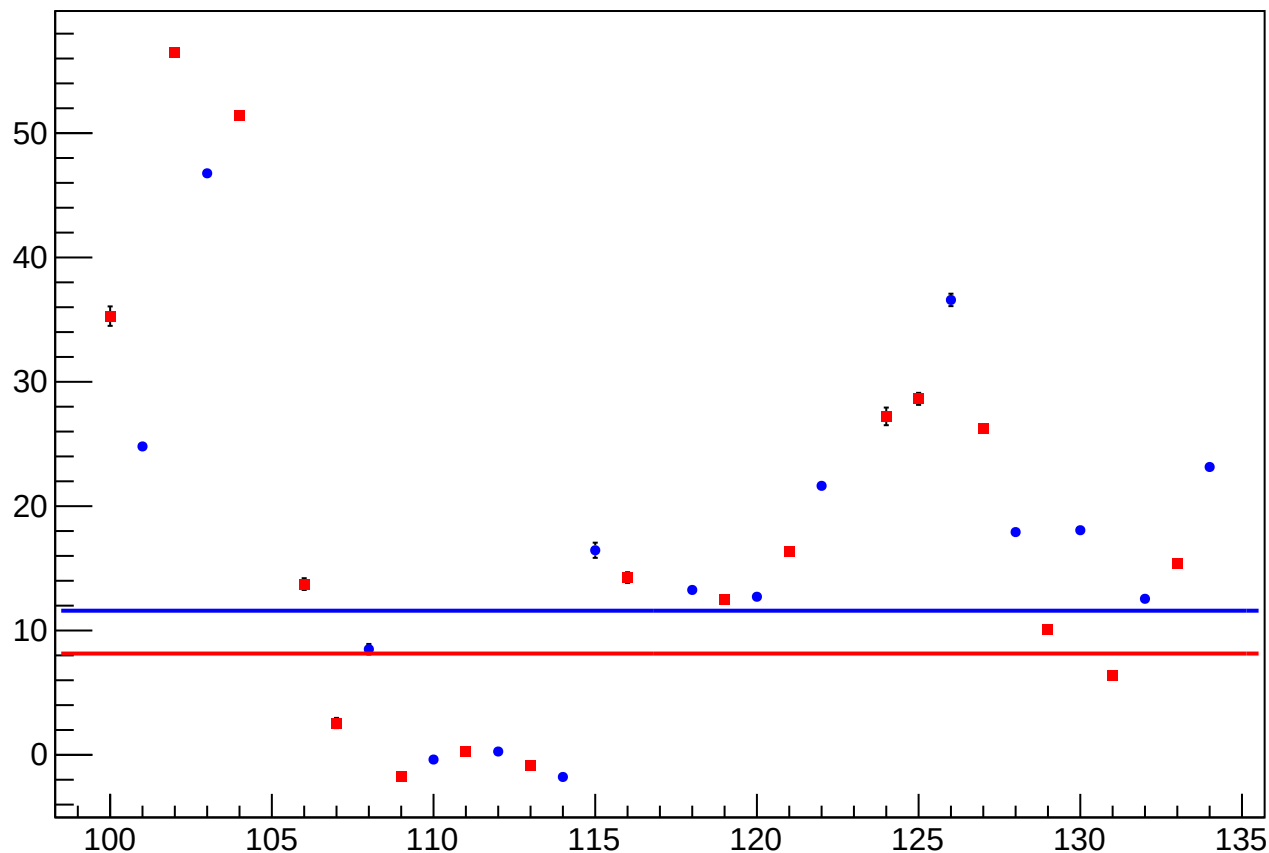
Right: 1.677 $\pm$ 0.044 χ^2 /NDF: 1908.5/31

In: 1.840 $\pm$ 0.063 χ^2 /NDF:1072.4/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.677 $\pm$ 0.044 χ^2 /NDF: 1908.5/31

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.594+/-0.070 χ^2/NDF : 30680.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.148+/-0.063 χ^2/NDF : 51224.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

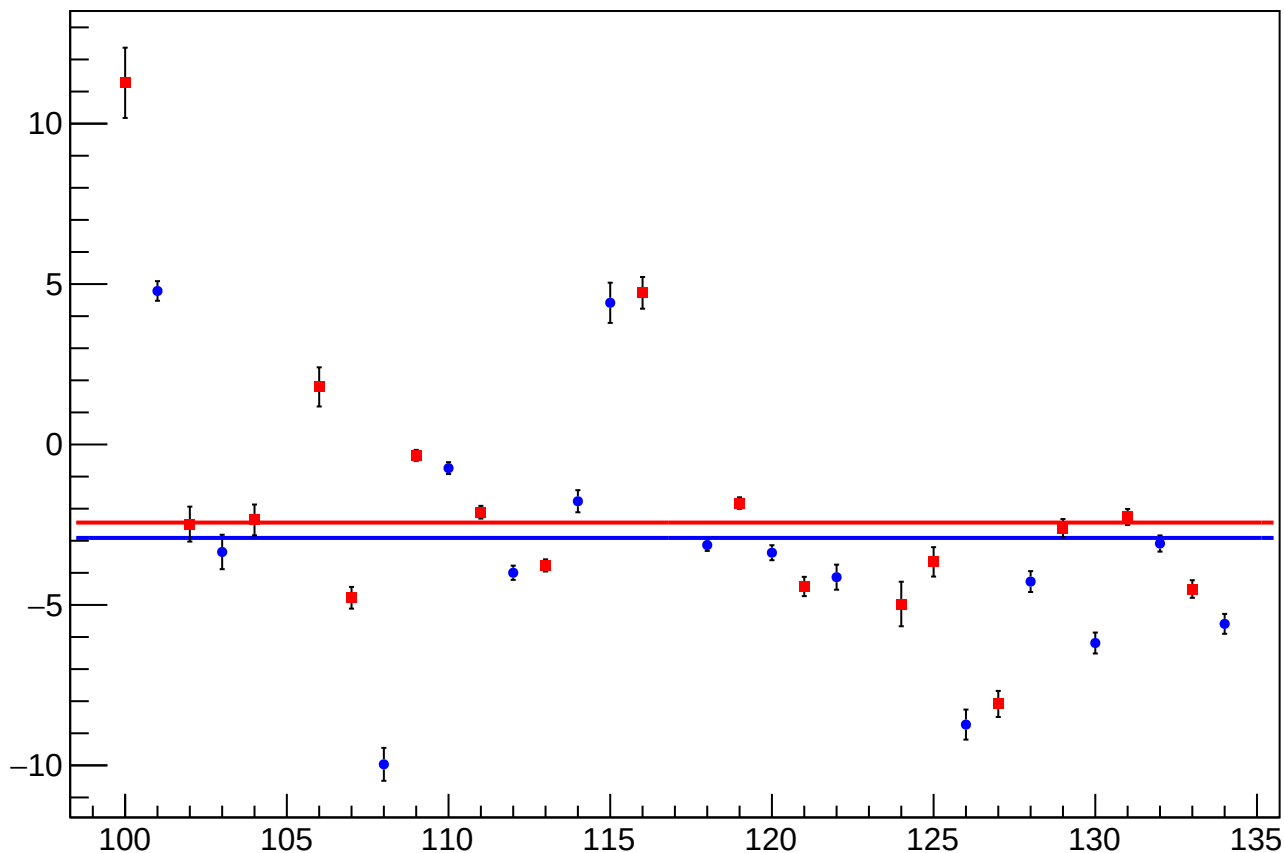
Right: 9.685+/-0.047 χ^2/NDF : 83245.8/31

In: 11.594+/-0.070 χ^2/NDF : 30680.5/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.685+/-0.047 χ^2/NDF : 83245.8/31

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.912 ± 0.074 χ^2/NDF : 1497.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.433 ± 0.069 χ^2/NDF : 994.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

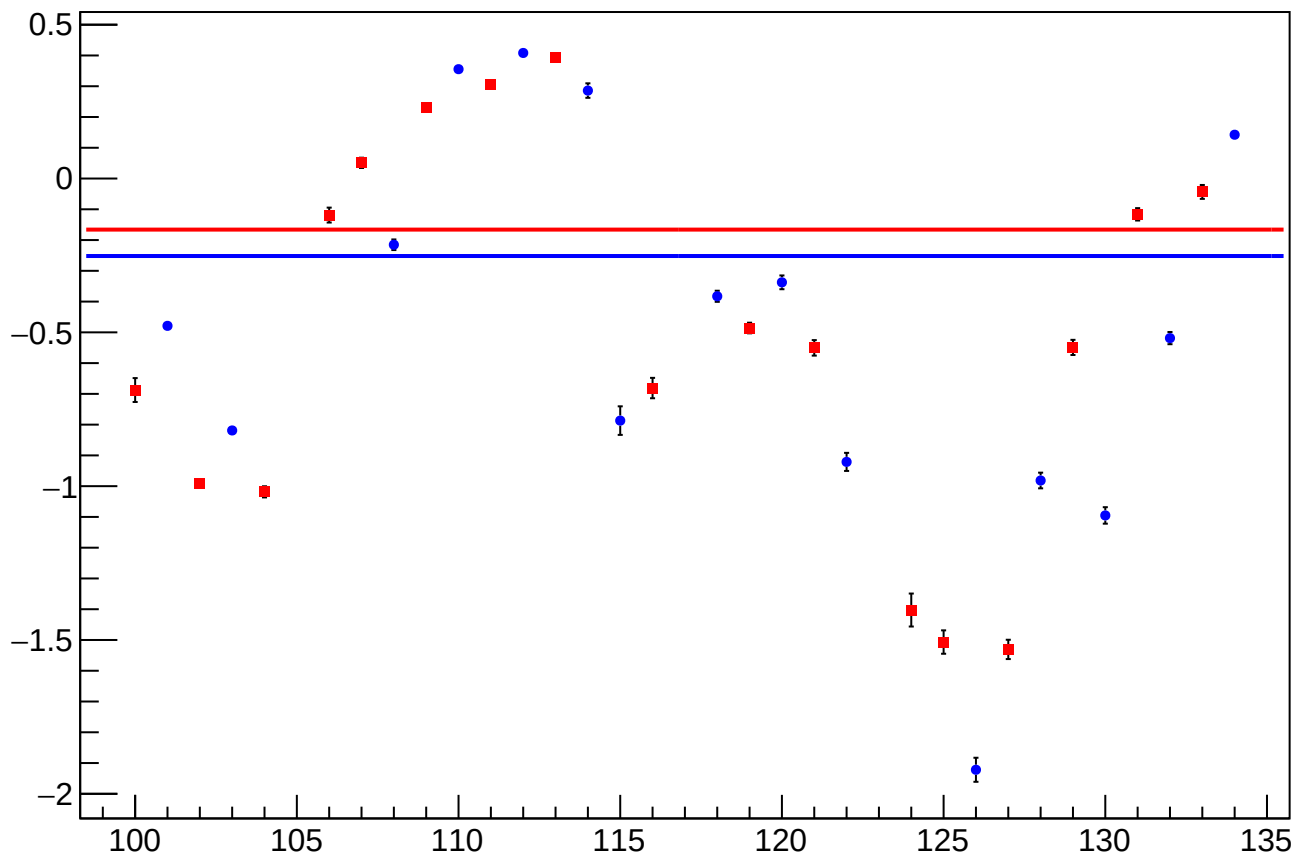
Right: -2.656 ± 0.050 χ^2/NDF : 2514.5/31

In: -2.912 ± 0.074 χ^2/NDF : 1497.5/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.656 ± 0.050 χ^2/NDF : 2514.5/31

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.252 ± 0.005 χ^2/NDF : 11992.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.166 ± 0.004 χ^2/NDF : 15254.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

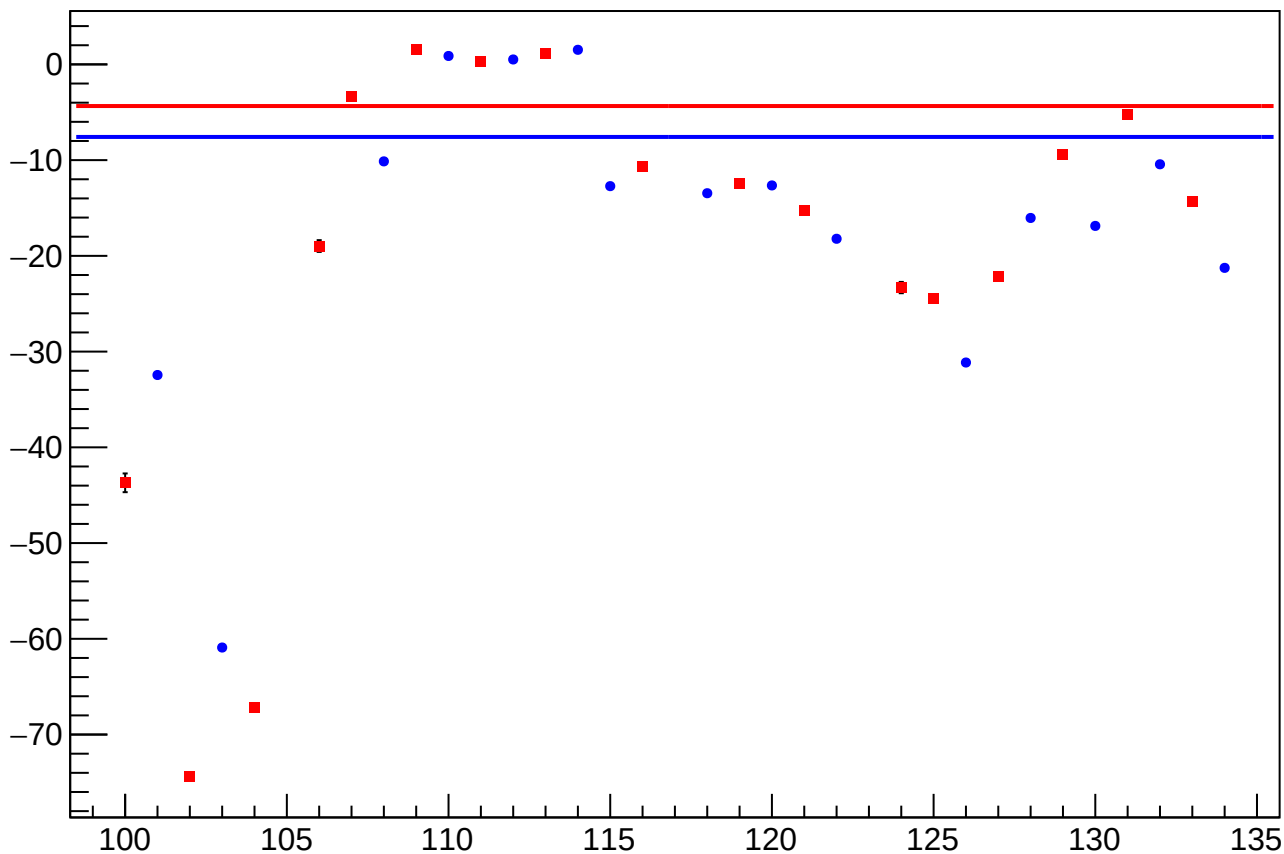
Right: -0.206 ± 0.003 χ^2/NDF : 27418.5/31

In: -0.252 ± 0.005 χ^2/NDF : 11992.1/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.206 ± 0.003 χ^2/NDF : 27418.5/31

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.578+/-0.059 χ^2/NDF : 41740.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.350+/-0.049 χ^2/NDF : 61385.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

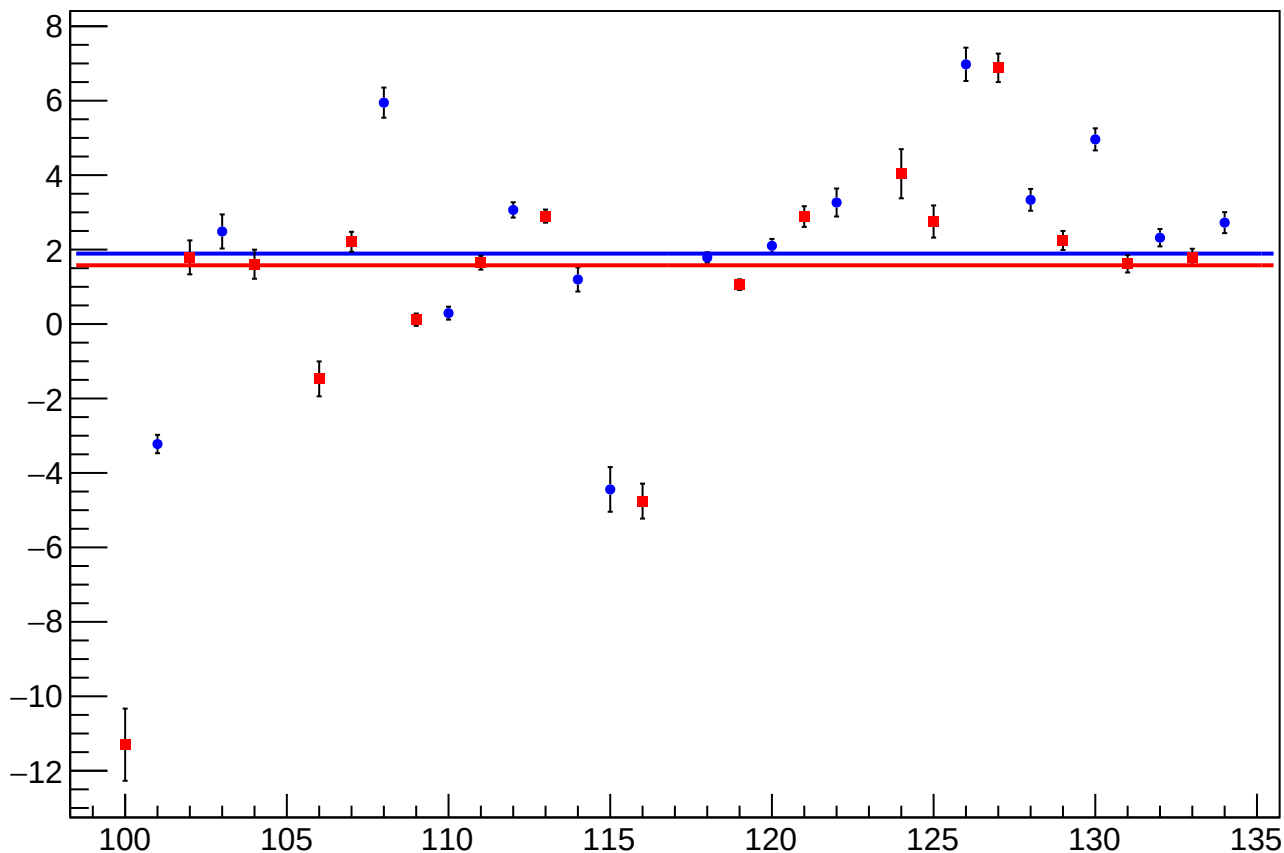
Right: -5.681+/-0.038 χ^2/NDF : 104907.3/31

In: -7.578+/-0.059 χ^2/NDF : 41740.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.681+/-0.038 χ^2/NDF : 104907.3/31

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.892 $\pm$ 0.064 χ^2 /NDF: 1054.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.578 $\pm$ 0.062 χ^2 /NDF: 797.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

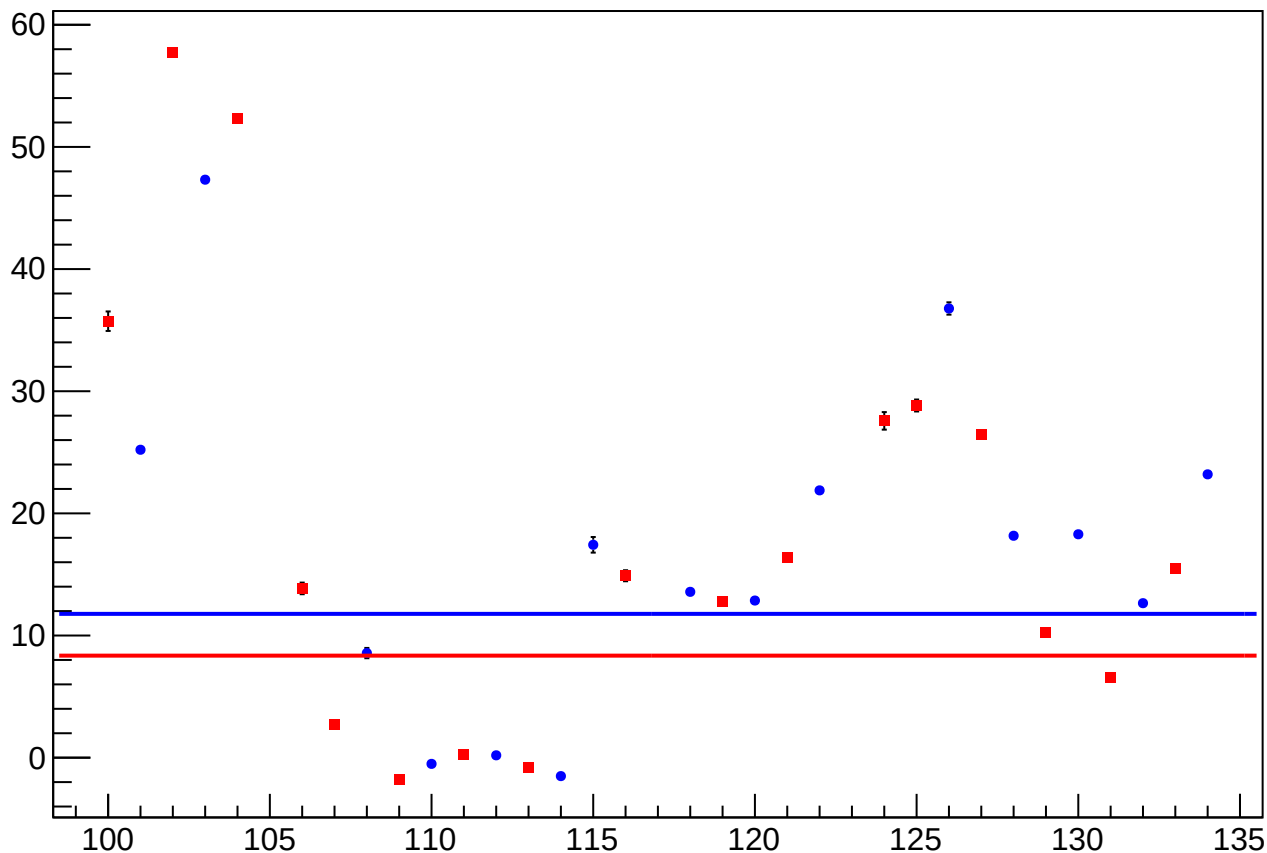
Right: 1.728 $\pm$ 0.045 χ^2 /NDF: 1863.7/31

In: 1.892 $\pm$ 0.064 χ^2 /NDF:1054.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.728 $\pm$ 0.045 χ^2 /NDF: 1863.7/31

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.773+/-0.071 χ^2/NDF : 30316.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.353+/-0.064 χ^2/NDF : 50747.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

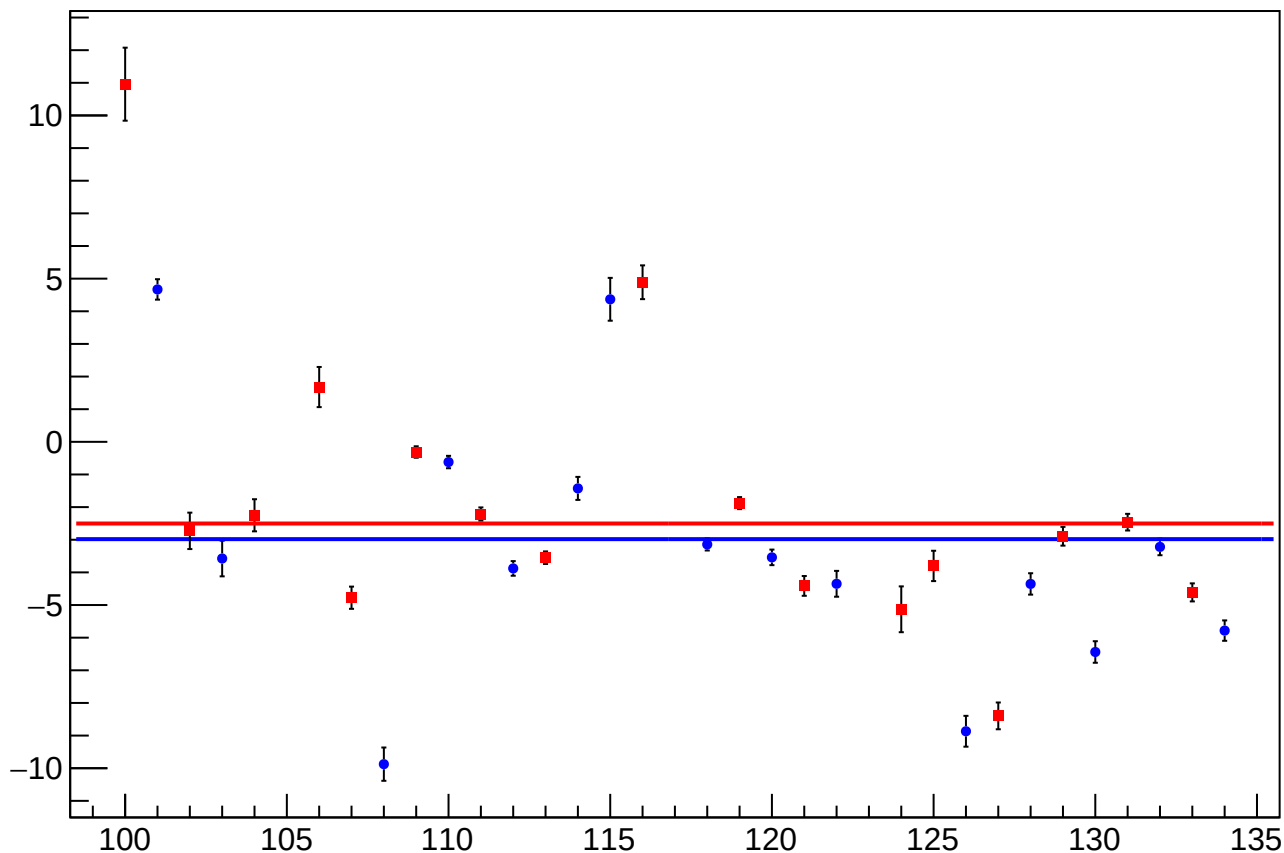
Right: 9.884+/-0.048 χ^2/NDF : 82332.4/31

In: 11.773+/-0.071 χ^2/NDF :30316.7/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.884+/-0.048 χ^2/NDF : 82332.4/31

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 0.075 χ^2/NDF : 1478.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.503 ± 0.071 χ^2/NDF : 968.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

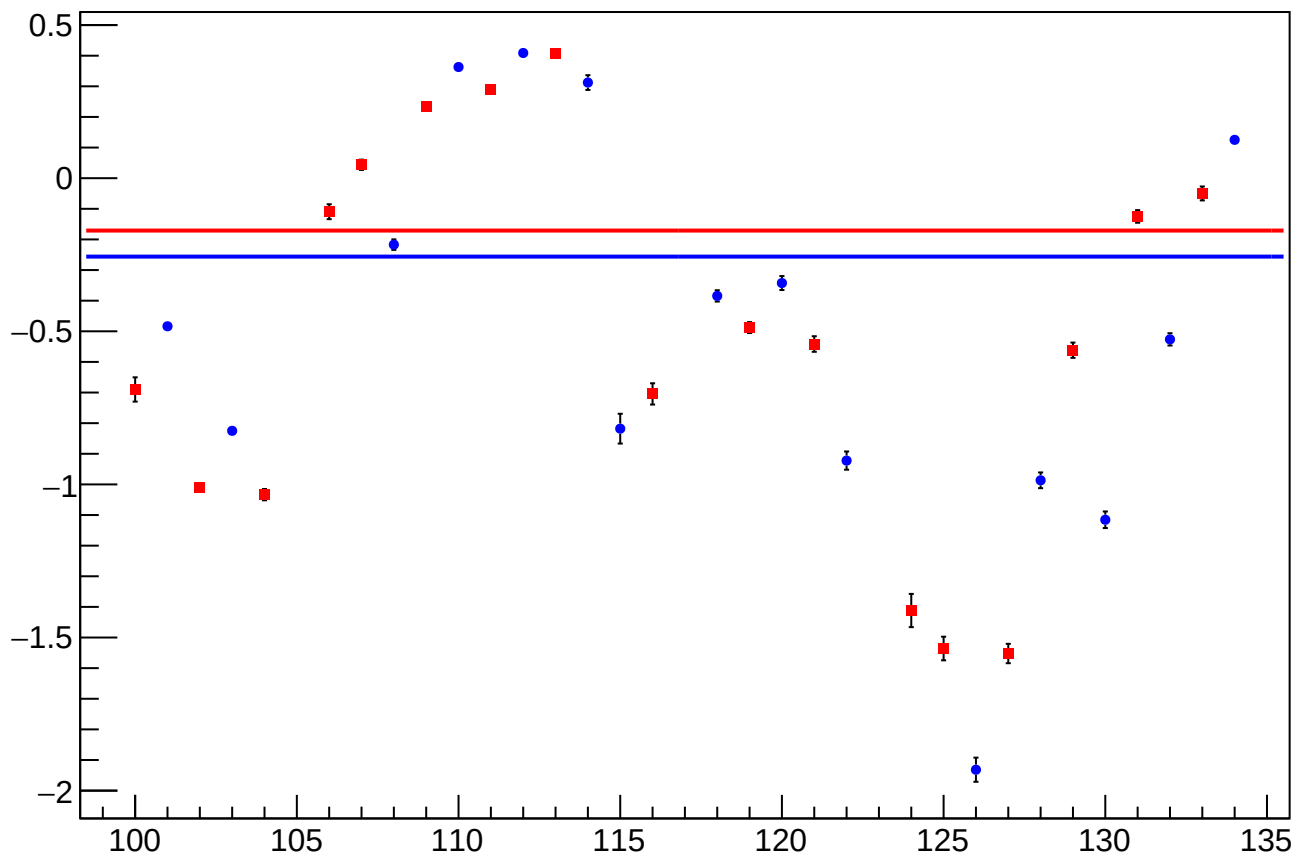
Right: -2.727 ± 0.051 χ^2/NDF : 2467.9/31

In: -2.981 ± 0.075 χ^2/NDF : 1478.2/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.727 ± 0.051 χ^2/NDF : 2467.9/31

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.256 ± 0.005 $\chi^2/\text{NDF}: 11809.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.171 ± 0.005 $\chi^2/\text{NDF}: 15044.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

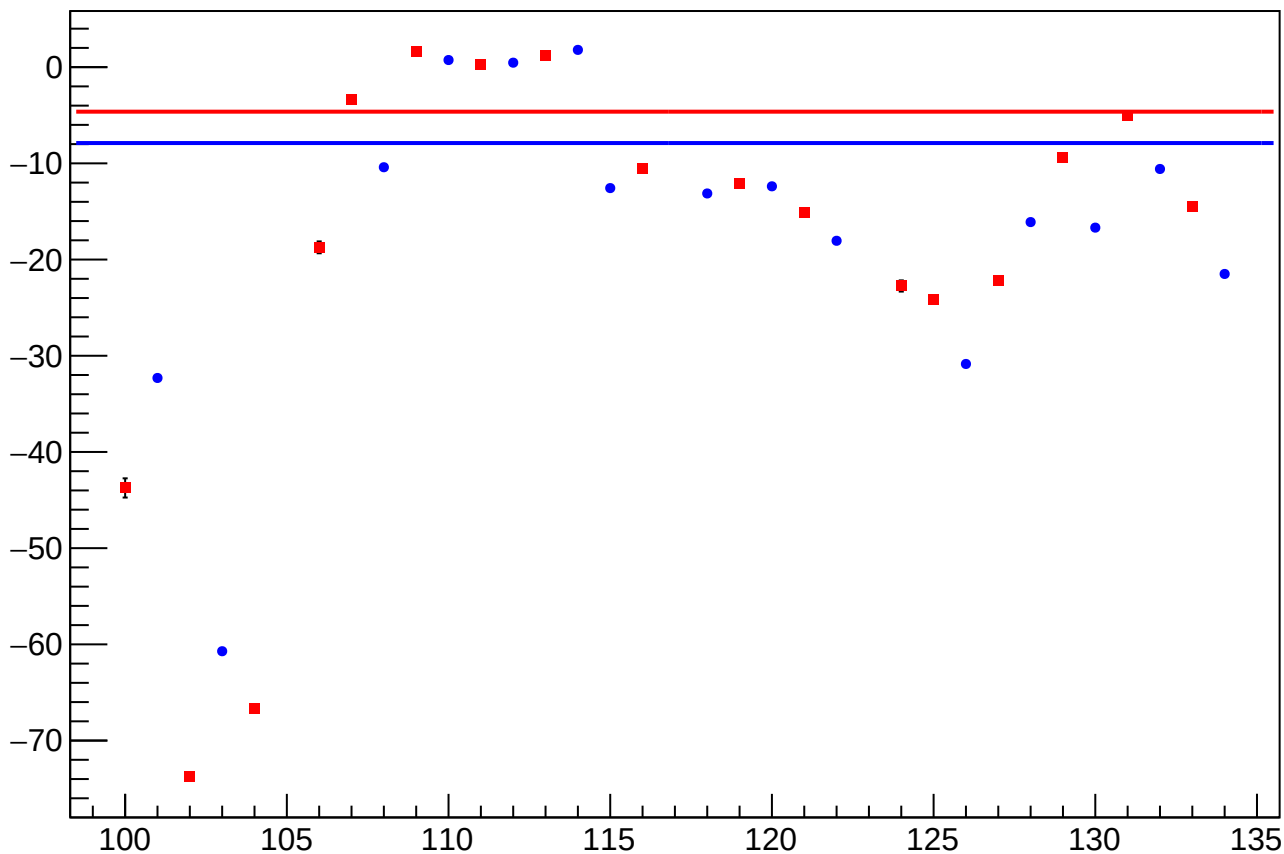
Right: -0.211 ± 0.003 $\chi^2/\text{NDF}: 27016.4/31$

In: -0.256 ± 0.005 $\chi^2/\text{NDF}: 11809.5/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.211 ± 0.003 $\chi^2/\text{NDF}: 27016.4/31$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.889 ± 0.060 $\chi^2/\text{NDF}: 40396.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.628 ± 0.050 $\chi^2/\text{NDF}: 59829.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

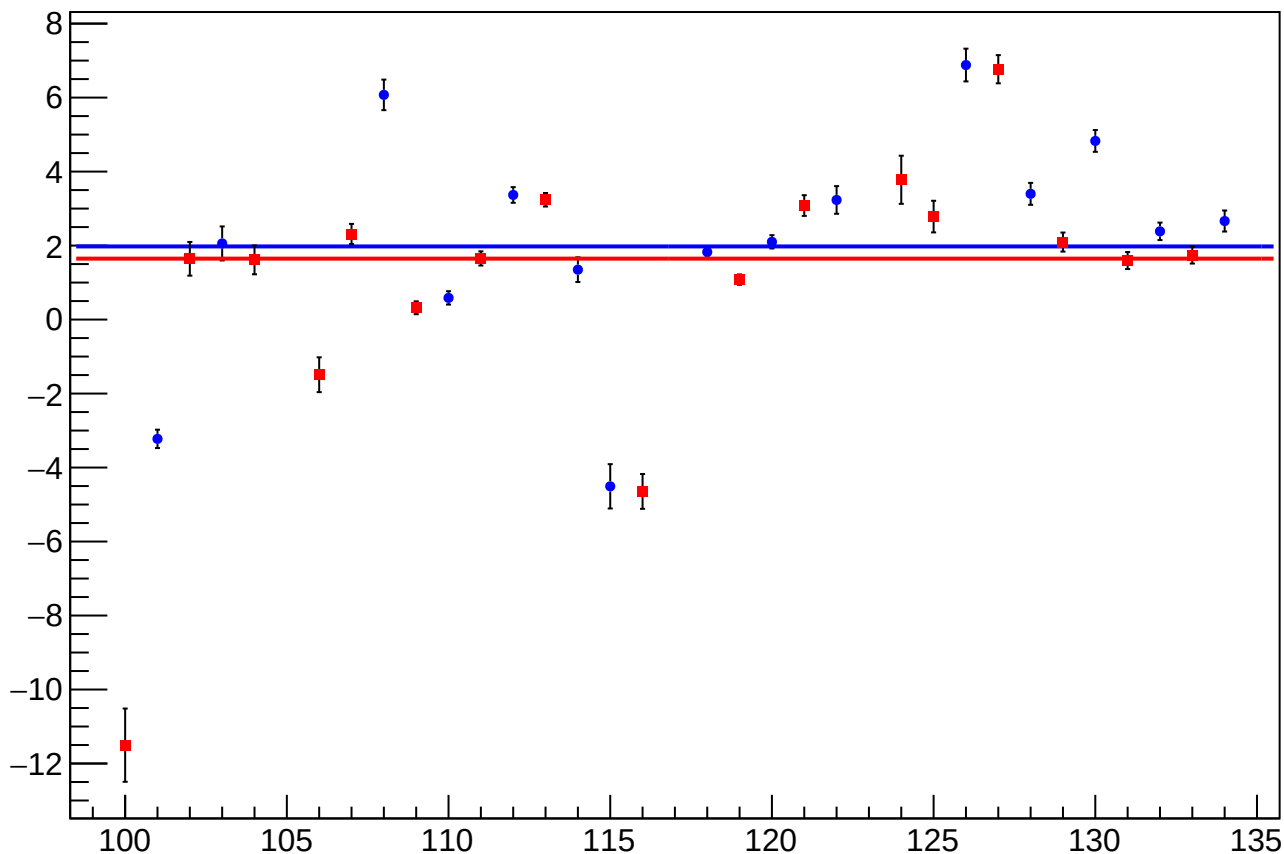
Right: -5.985 ± 0.039 $\chi^2/\text{NDF}: 101964.8/31$

In: -7.889 ± 0.060 $\chi^2/\text{NDF}: 40396.4/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.985 ± 0.039 $\chi^2/\text{NDF}: 101964.8/31$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.977+/-0.065 χ^2/NDF : 1022.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.647+/-0.062 χ^2/NDF : 784.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

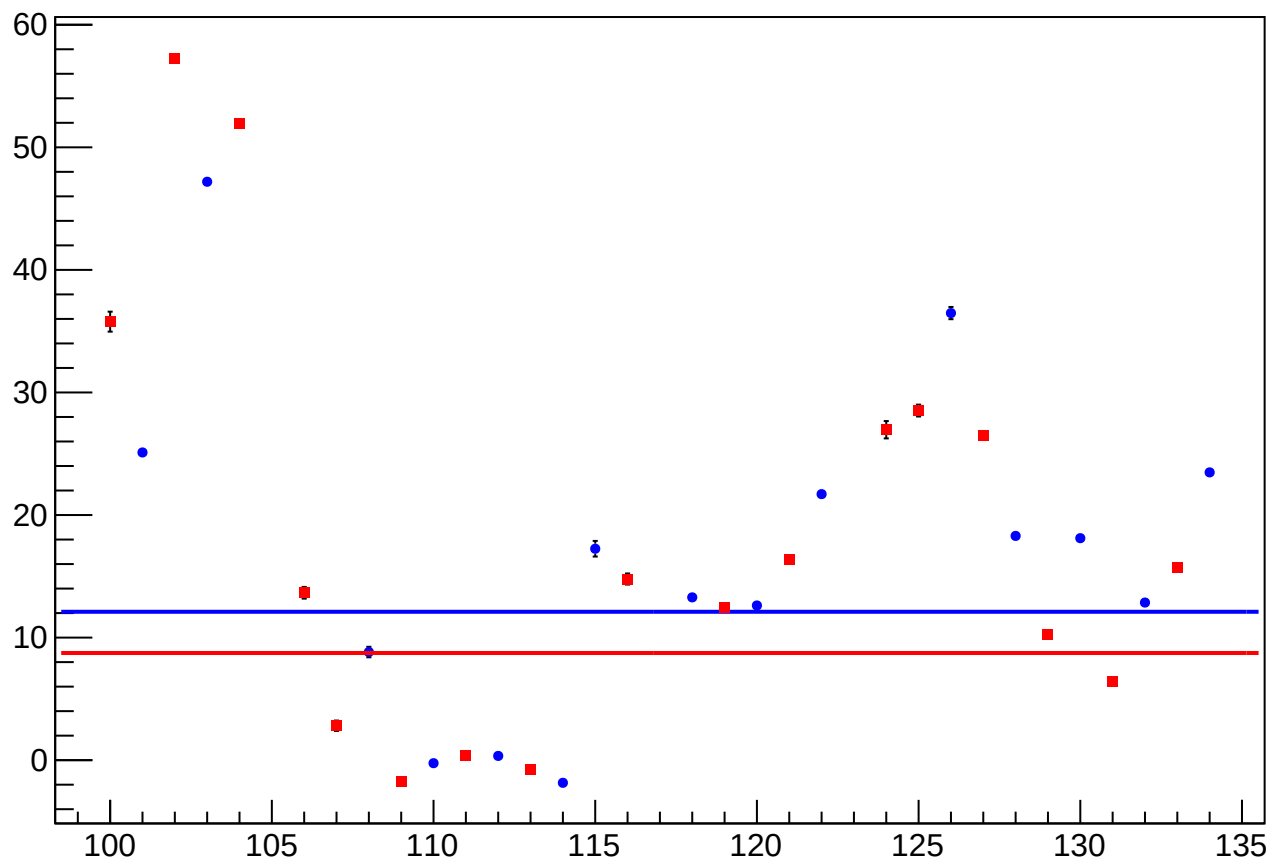
Right: 1.806+/-0.045 χ^2/NDF : 1819.7/31

In: 1.977+/-0.065 χ^2/NDF : 1022.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.806+/-0.045 χ^2/NDF : 1819.7/31

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.107 $\pm$ 0.072 χ^2 /NDF: 29046.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.745 $\pm$ 0.066 χ^2 /NDF: 48993.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

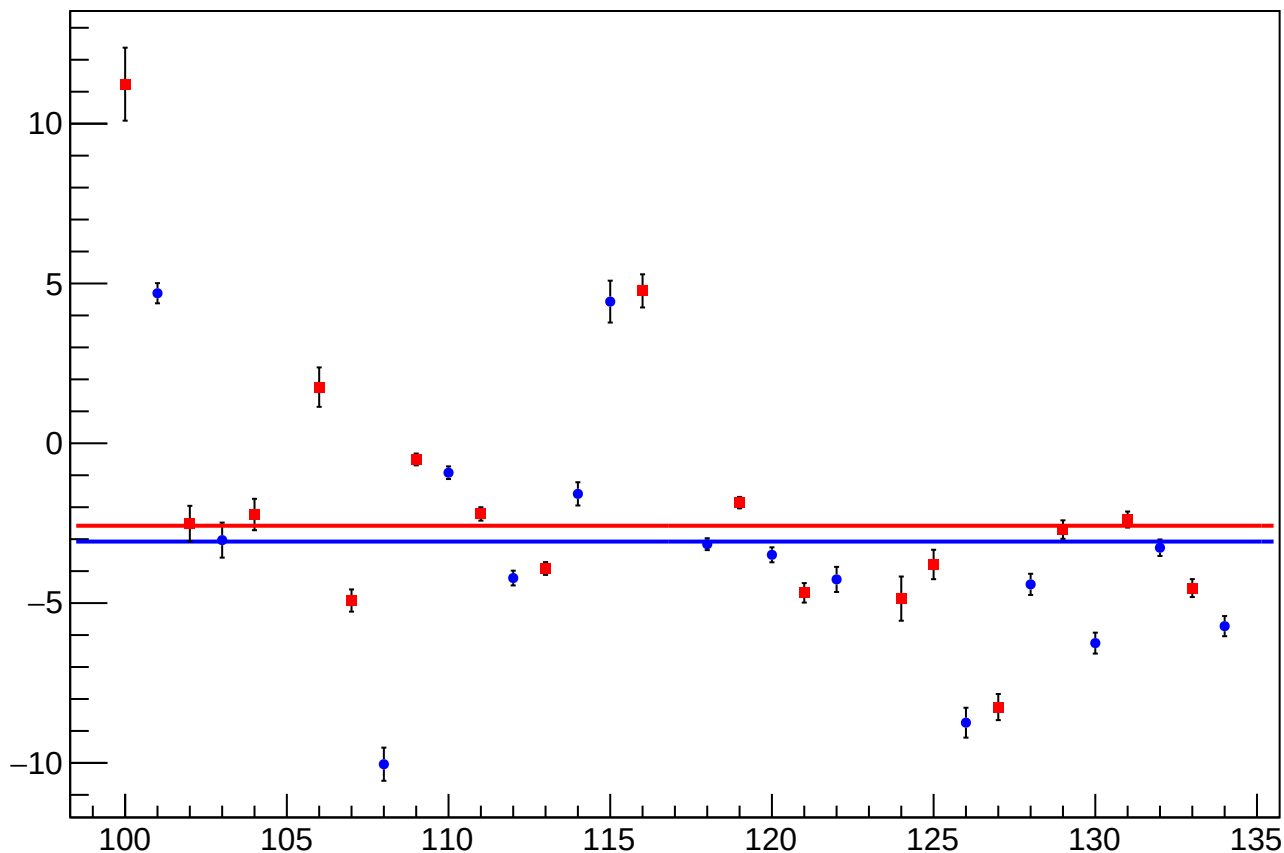
Right: 10.260 $\pm$ 0.049 χ^2 /NDF: 79227.0/31

In: 12.107 $\pm$ 0.072 χ^2 /NDF:29046.9/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.260 $\pm$ 0.049 χ^2 /NDF: 79227.0/31

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.075 ± 0.076 χ^2/NDF : 1419.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.580 ± 0.072 χ^2/NDF : 941.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

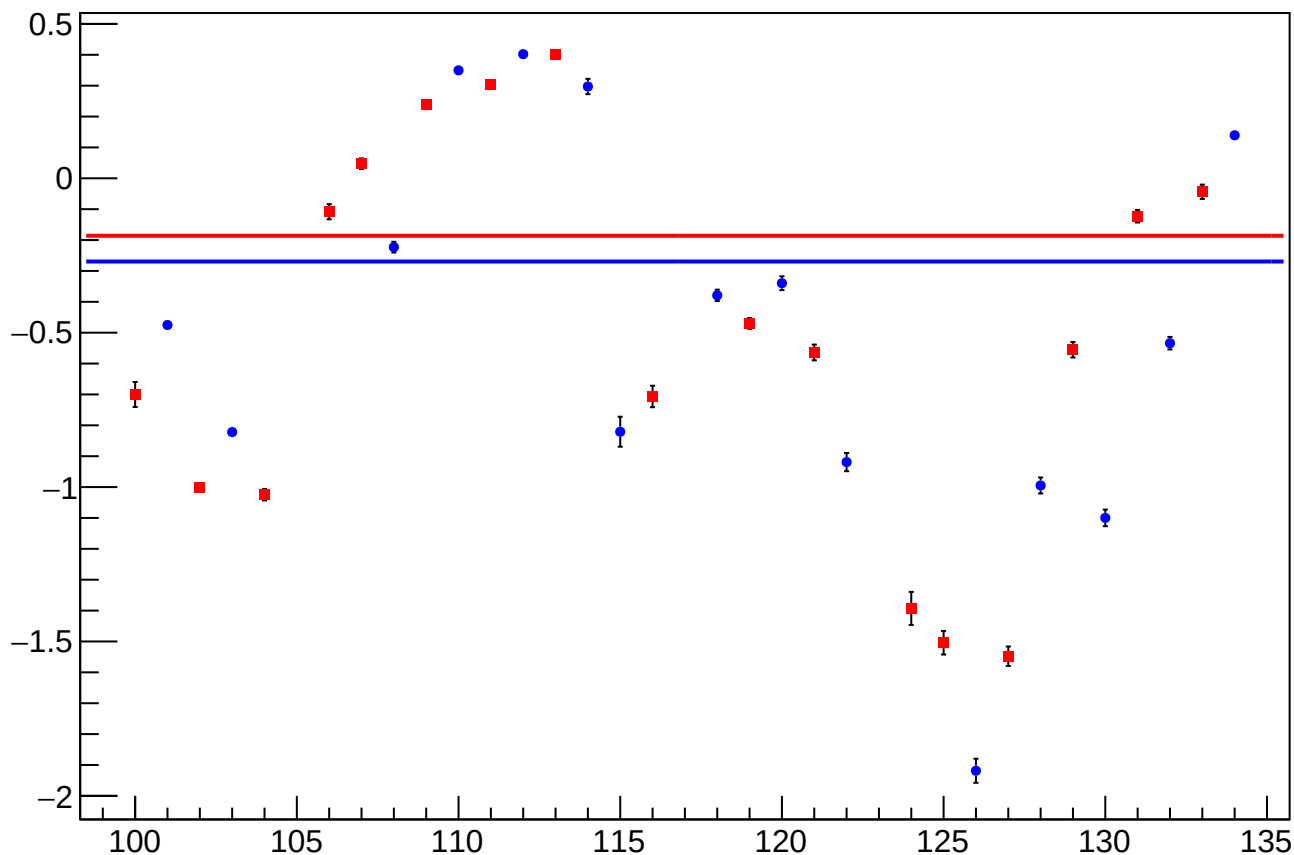
Right: -2.812 ± 0.052 χ^2/NDF : 2382.5/31

In: -3.075 ± 0.076 χ^2/NDF : 1419.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.812 ± 0.052 χ^2/NDF : 2382.5/31

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.269 ± 0.005 χ^2/NDF : 11314.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.186 ± 0.005 χ^2/NDF : 14572.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

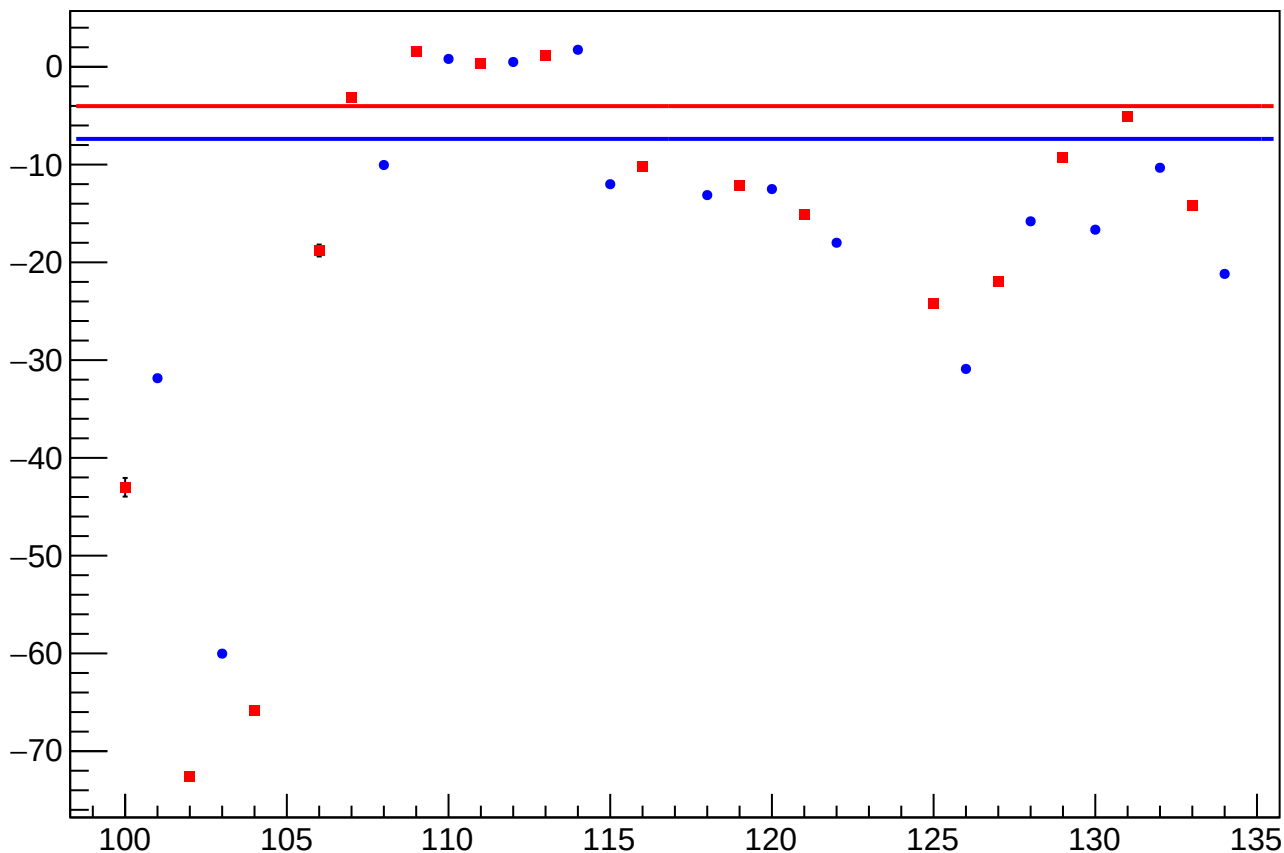
Right: -0.225 ± 0.003 χ^2/NDF : 26038.5/31

In: -0.269 ± 0.005 χ^2/NDF : 11314.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.225 ± 0.003 χ^2/NDF : 26038.5/31

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.373 ± 0.057 $\chi^2/\text{NDF}: 42445.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.021 ± 0.048 $\chi^2/\text{NDF}: 61068.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

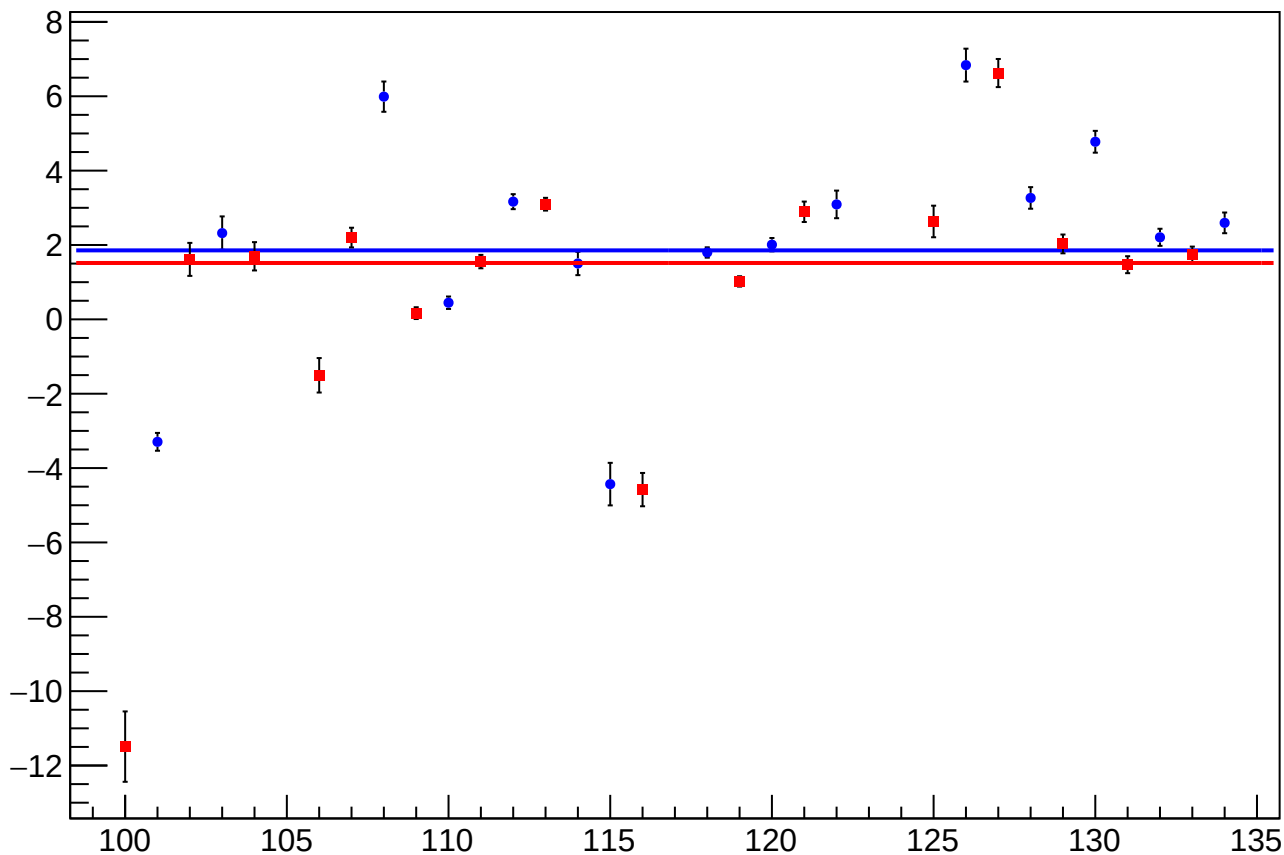
Right: -5.399 ± 0.037 $\chi^2/\text{NDF}: 105534.7/30$

In: -7.373 ± 0.057 $\chi^2/\text{NDF}: 42445.7/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.399 ± 0.037 $\chi^2/\text{NDF}: 105534.7/30$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.063 χ^2/NDF : 1071.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.516+/-0.060 χ^2/NDF : 812.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

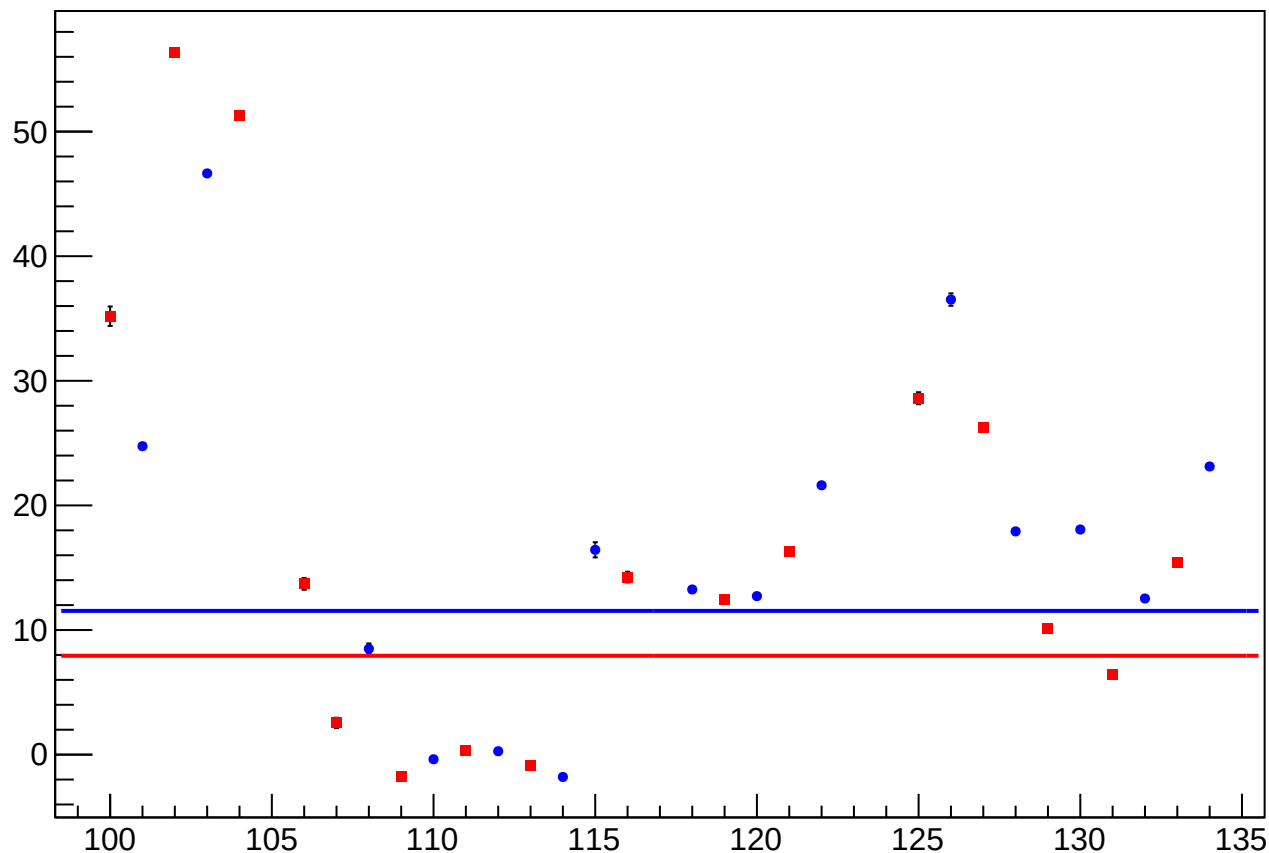
Right: 1.679+/-0.044 χ^2/NDF : 1898.8/30

In: 1.855+/-0.063 χ^2/NDF : 1071.1/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.679+/-0.044 χ^2/NDF : 1898.8/30

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.535+/-0.070 χ^2/NDF : 30818.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.934+/-0.063 χ^2/NDF : 50671.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

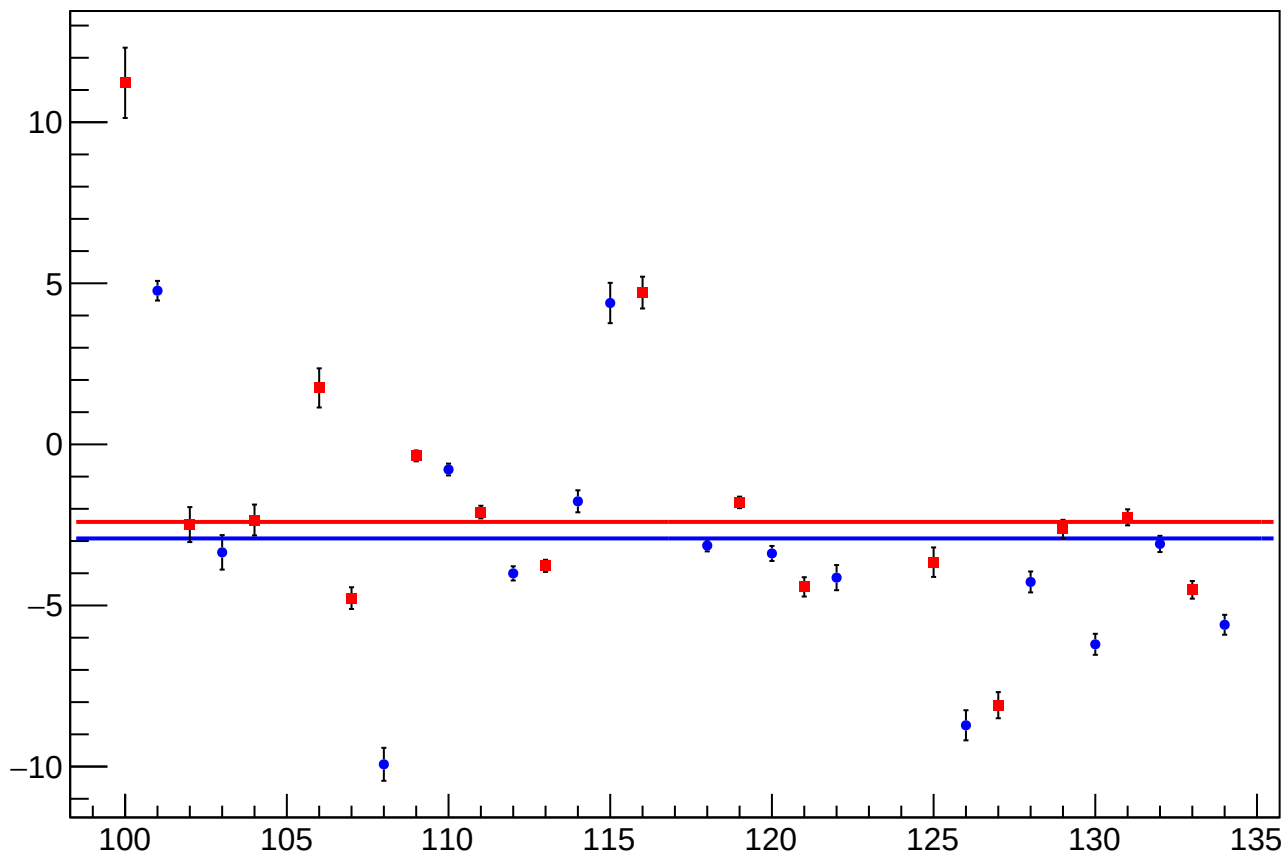
Right: 9.545+/-0.047 χ^2/NDF : 82963.2/30

In: 11.535+/-0.070 χ^2/NDF : 30818.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.545+/-0.047 χ^2/NDF : 82963.2/30

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.919 ± 0.074 χ^2/NDF : 1496.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.406 ± 0.069 χ^2/NDF : 985.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

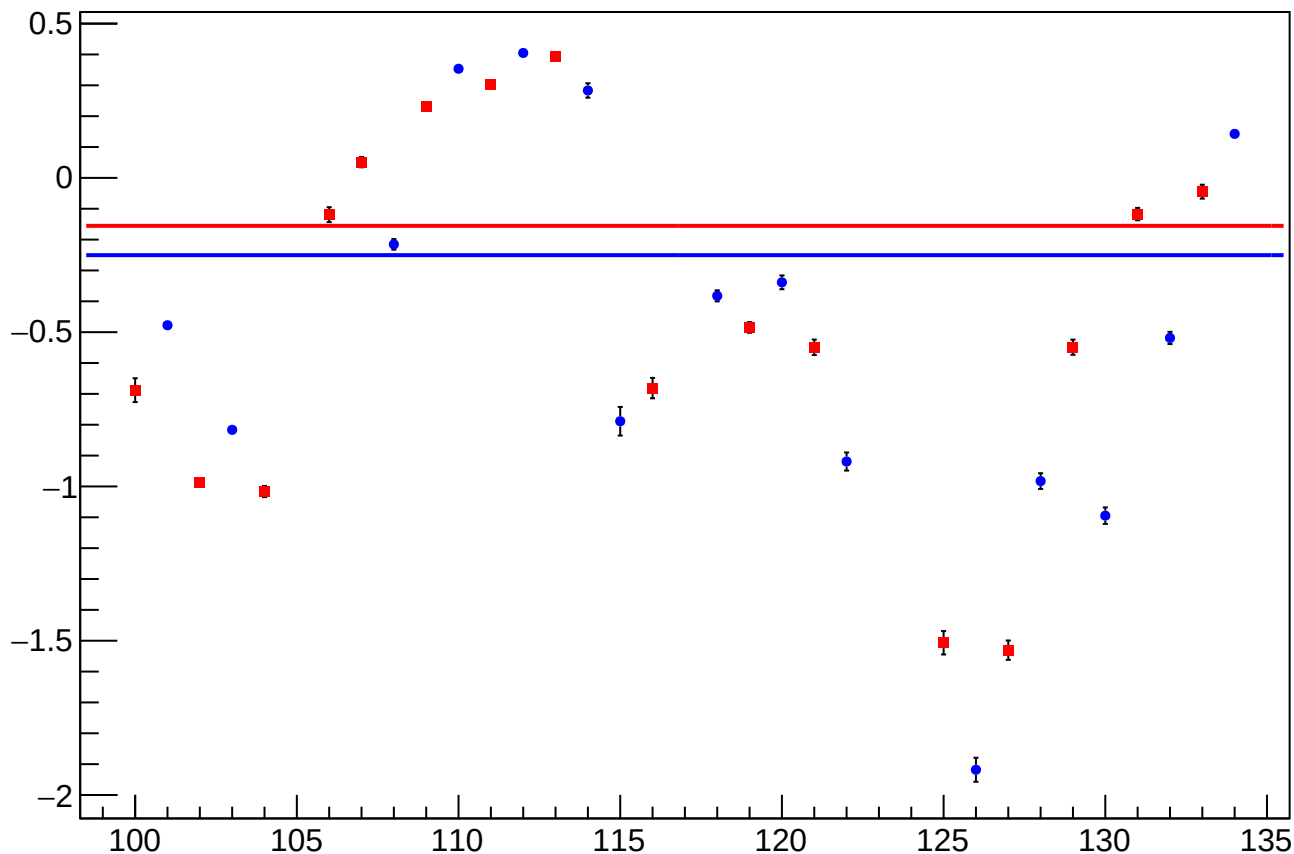
Right: -2.647 ± 0.050 χ^2/NDF : 2507.8/30

In: -2.919 ± 0.074 χ^2/NDF : 1496.9/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.647 ± 0.050 χ^2/NDF : 2507.8/30

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 12022.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.155 ± 0.004 $\chi^2/\text{NDF}: 14784.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

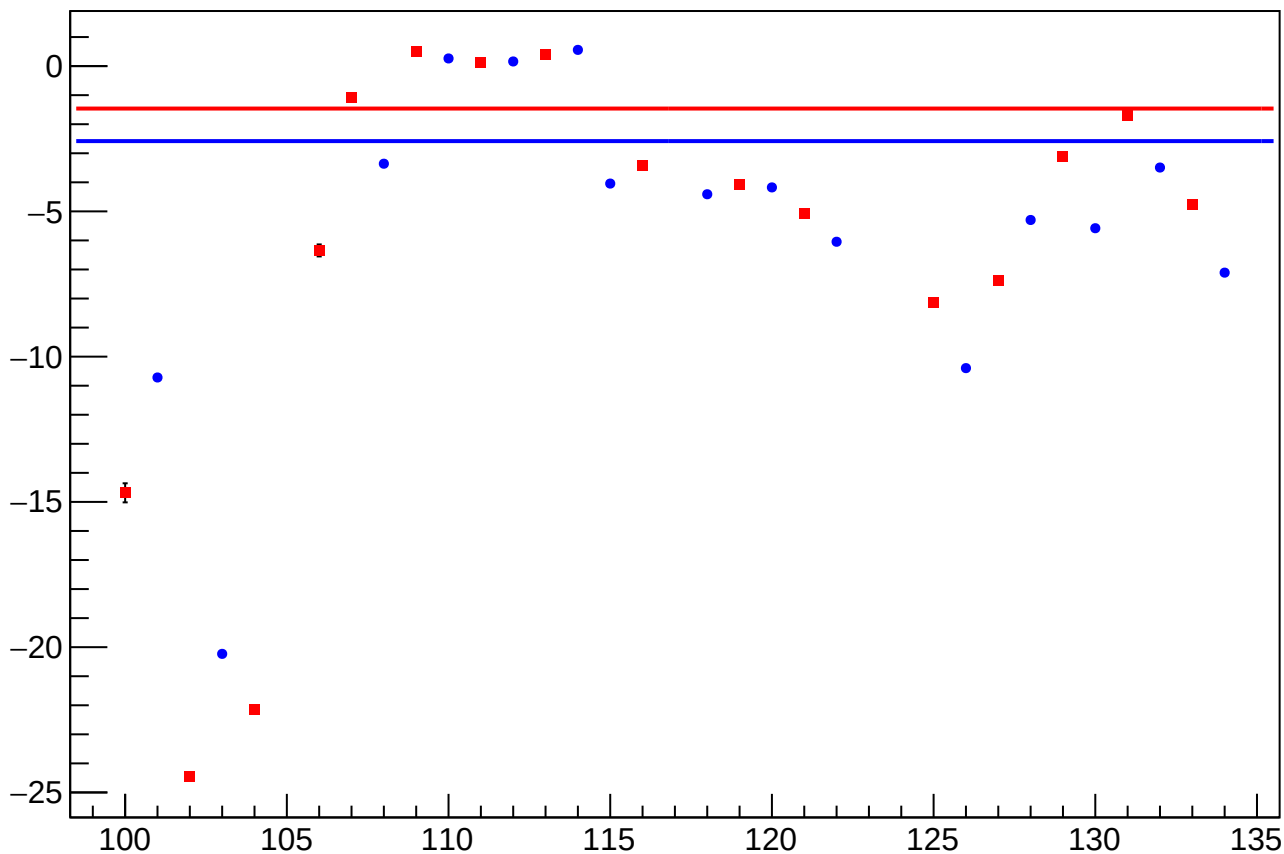
Right: -0.200 ± 0.003 $\chi^2/\text{NDF}: 27017.8/30$

In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 12022.6/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.200 ± 0.003 $\chi^2/\text{NDF}: 27017.8/30$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.581 ± 0.020 $\chi^2/\text{NDF}: 41171.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.461 ± 0.017 $\chi^2/\text{NDF}: 59607.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

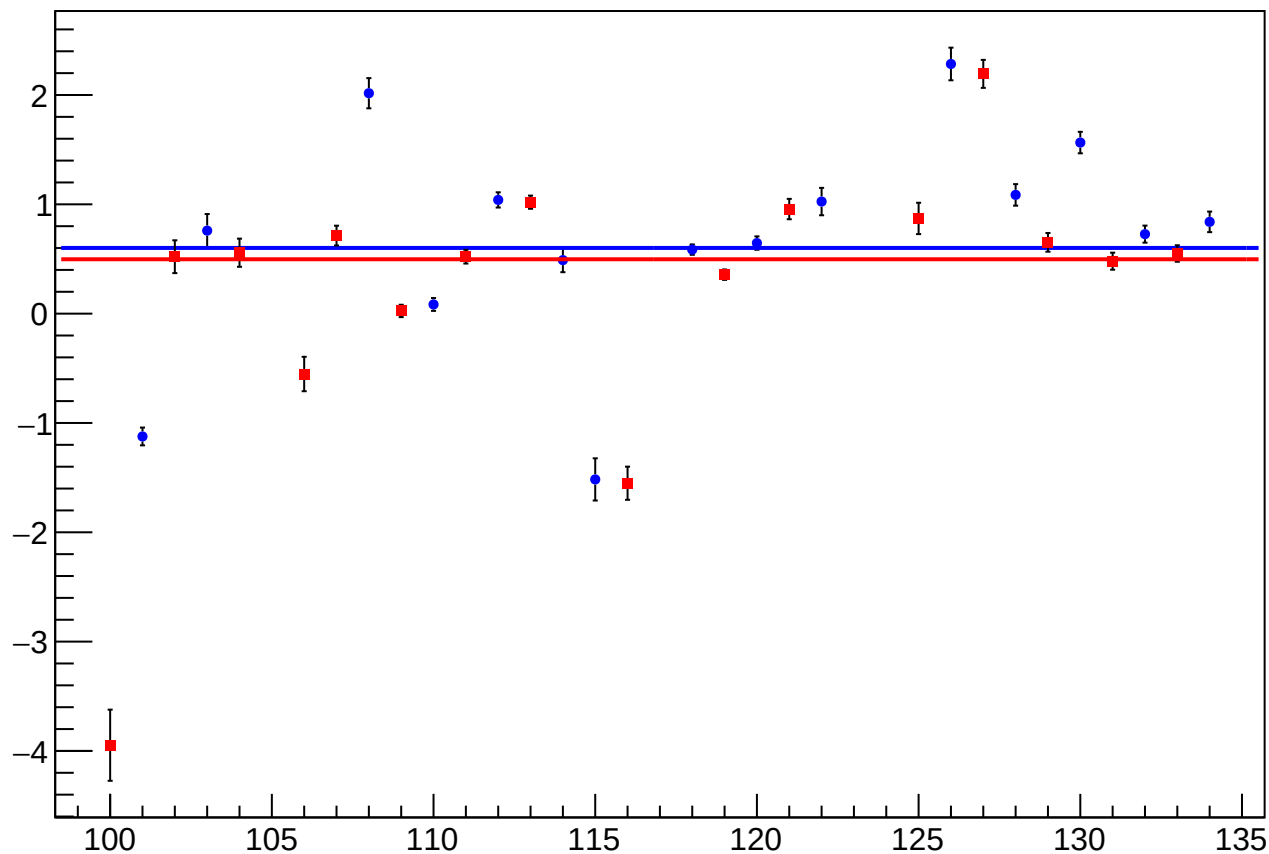
Right: -1.928 ± 0.013 $\chi^2/\text{NDF}: 102660.0/30$

In: -2.581 ± 0.020 $\chi^2/\text{NDF}: 41171.0/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.928 ± 0.013 $\chi^2/\text{NDF}: 102660.0/30$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.601 $\pm$ 0.022 χ^2 /NDF: 1063.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.497 $\pm$ 0.021 χ^2 /NDF: 783.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

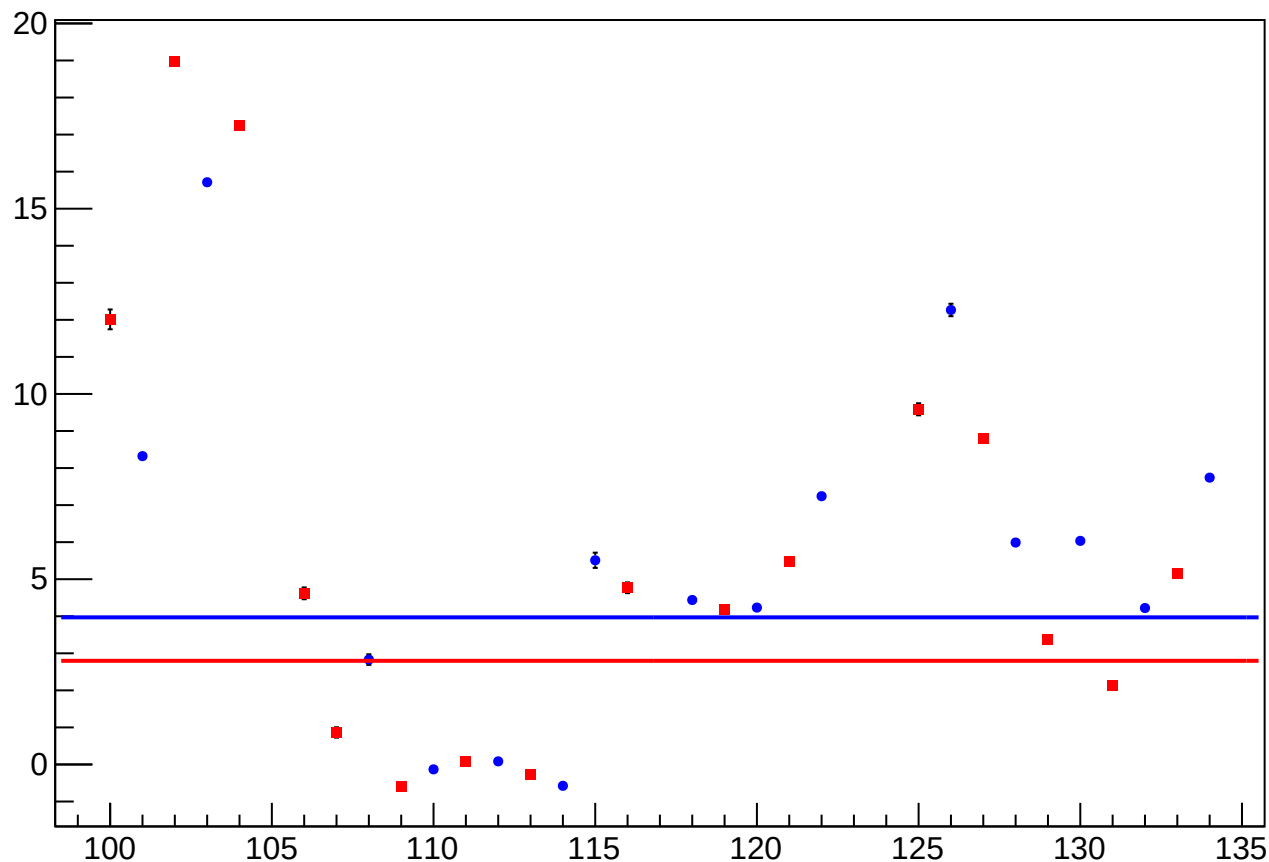
Right: 0.548 $\pm$ 0.015 χ^2 /NDF: 1859.0/30

In: 0.601 $\pm$ 0.022 χ^2 /NDF:1063.2/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.548 $\pm$ 0.015 χ^2 /NDF: 1859.0/30

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.971+/-0.024 χ^2/NDF : 29724.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.798+/-0.022 χ^2/NDF : 49178.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

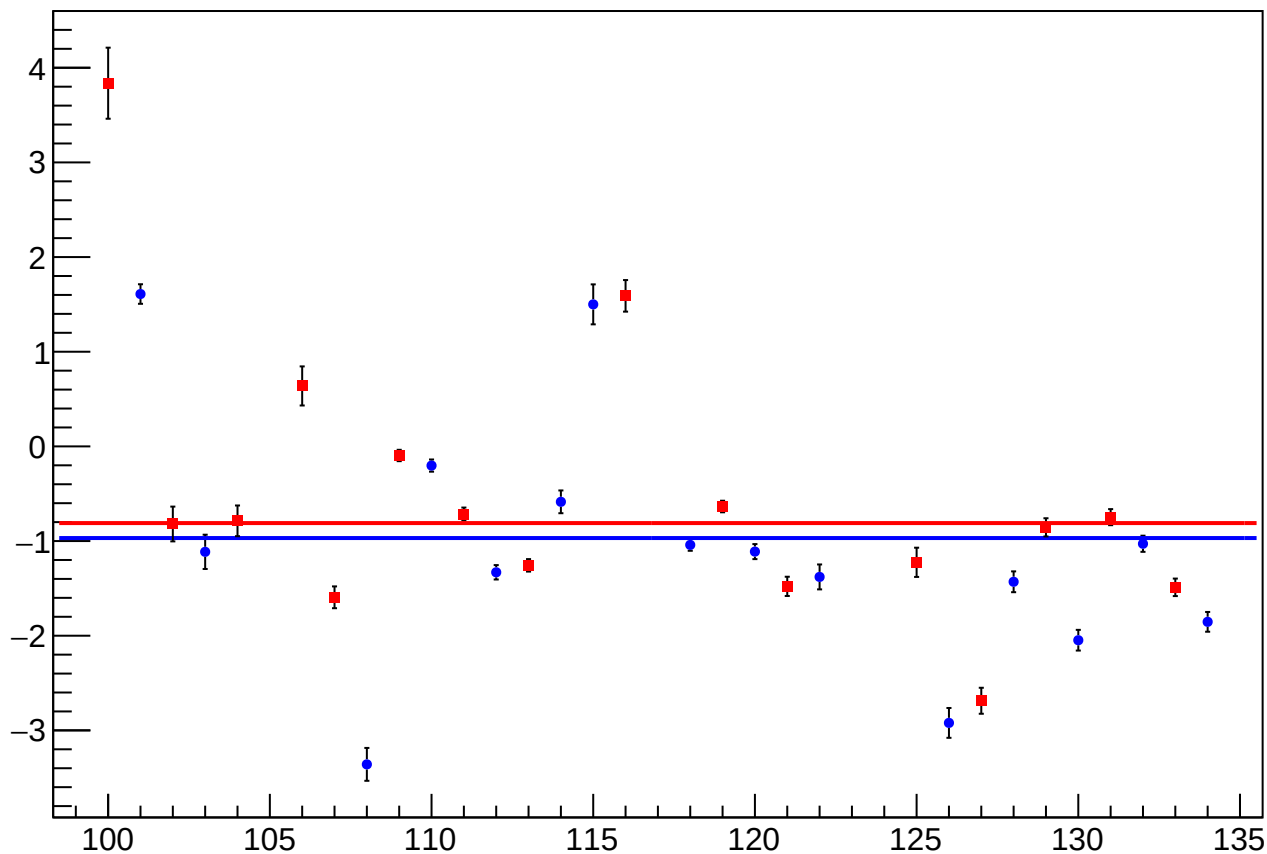
Right: 3.329+/-0.016 χ^2/NDF : 80218.1/30

In: 3.971+/-0.024 χ^2/NDF : 29724.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.329+/-0.016 χ^2/NDF : 80218.1/30

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.968 ± 0.025 χ^2/NDF : 1479.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.810 ± 0.024 χ^2/NDF : 946.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

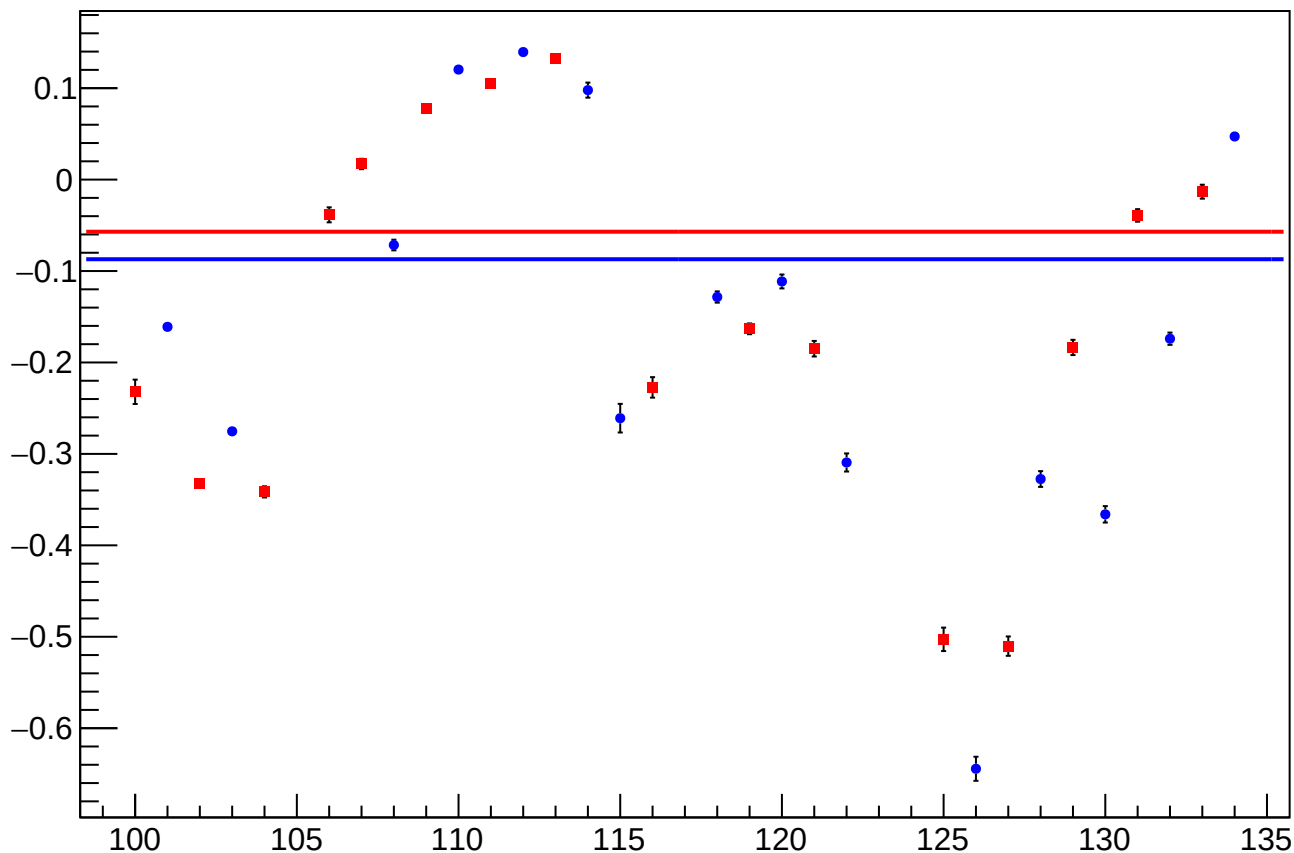
Right: -0.885 ± 0.017 χ^2/NDF : 2446.0/30

In: -0.968 ± 0.025 χ^2/NDF : 1479.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.885 ± 0.017 χ^2/NDF : 2446.0/30

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.087 ± 0.002 χ^2/NDF : 11685.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.002 χ^2/NDF : 14223.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

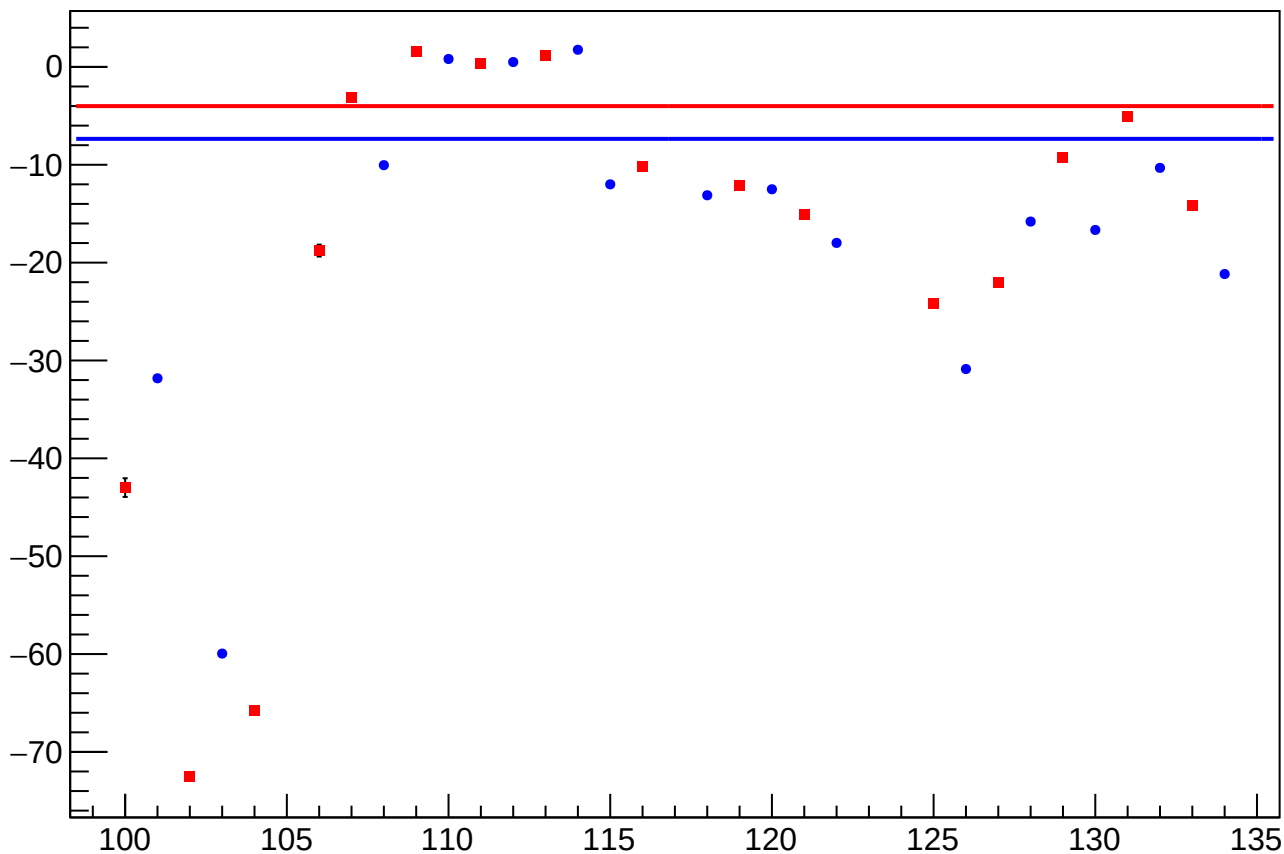
Right: -0.071 ± 0.001 χ^2/NDF : 26088.7/30

In: -0.087 ± 0.002 χ^2/NDF : 11685.4/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.071 ± 0.001 χ^2/NDF : 26088.7/30

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.353+/-0.057 χ^2/NDF : 42481.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.005+/-0.048 χ^2/NDF : 61102.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

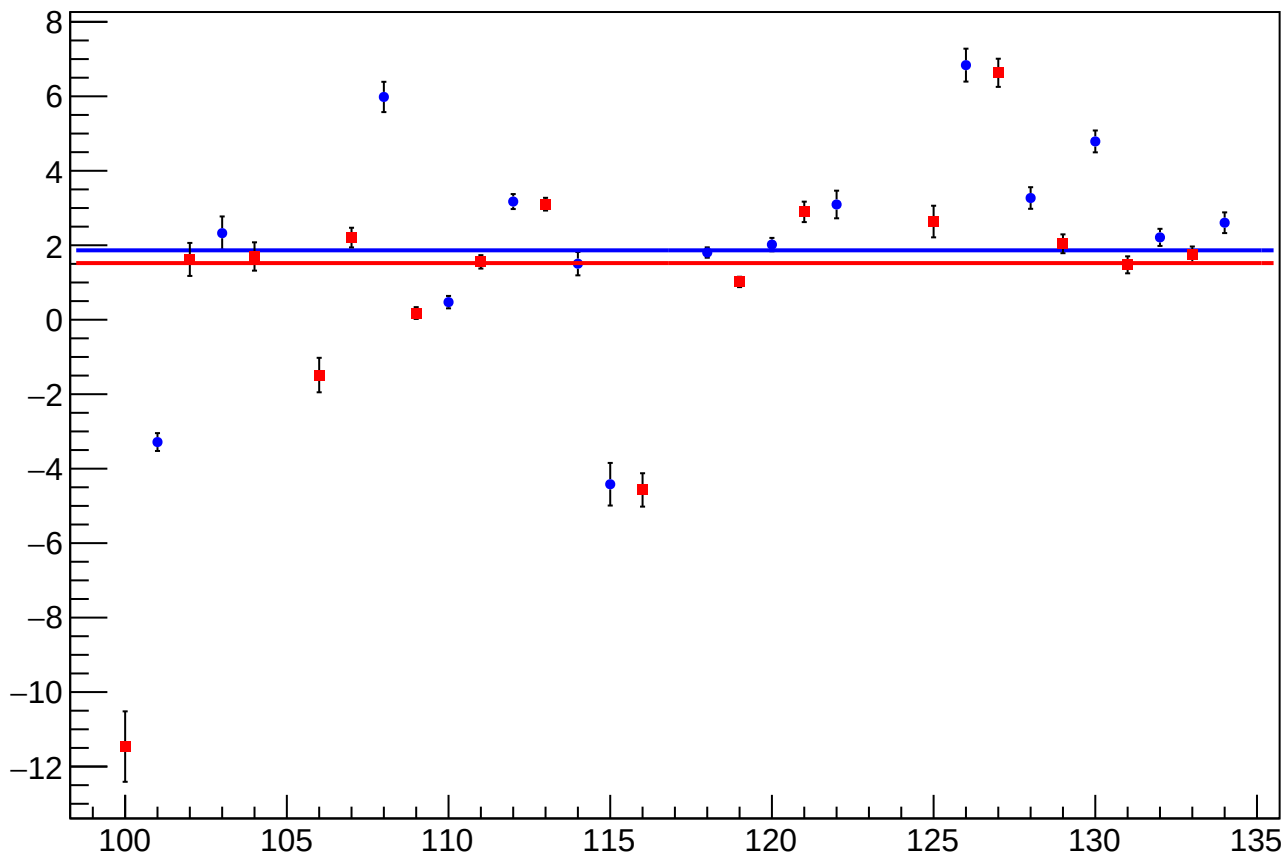
Right: -5.381+/-0.037 χ^2/NDF : 105604.4/30

In: -7.353+/-0.057 χ^2/NDF :42481.1/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.381+/-0.037 χ^2/NDF : 105604.4/30

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.864+/-0.063 χ^2/NDF : 1069.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.521+/-0.060 χ^2/NDF : 812.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

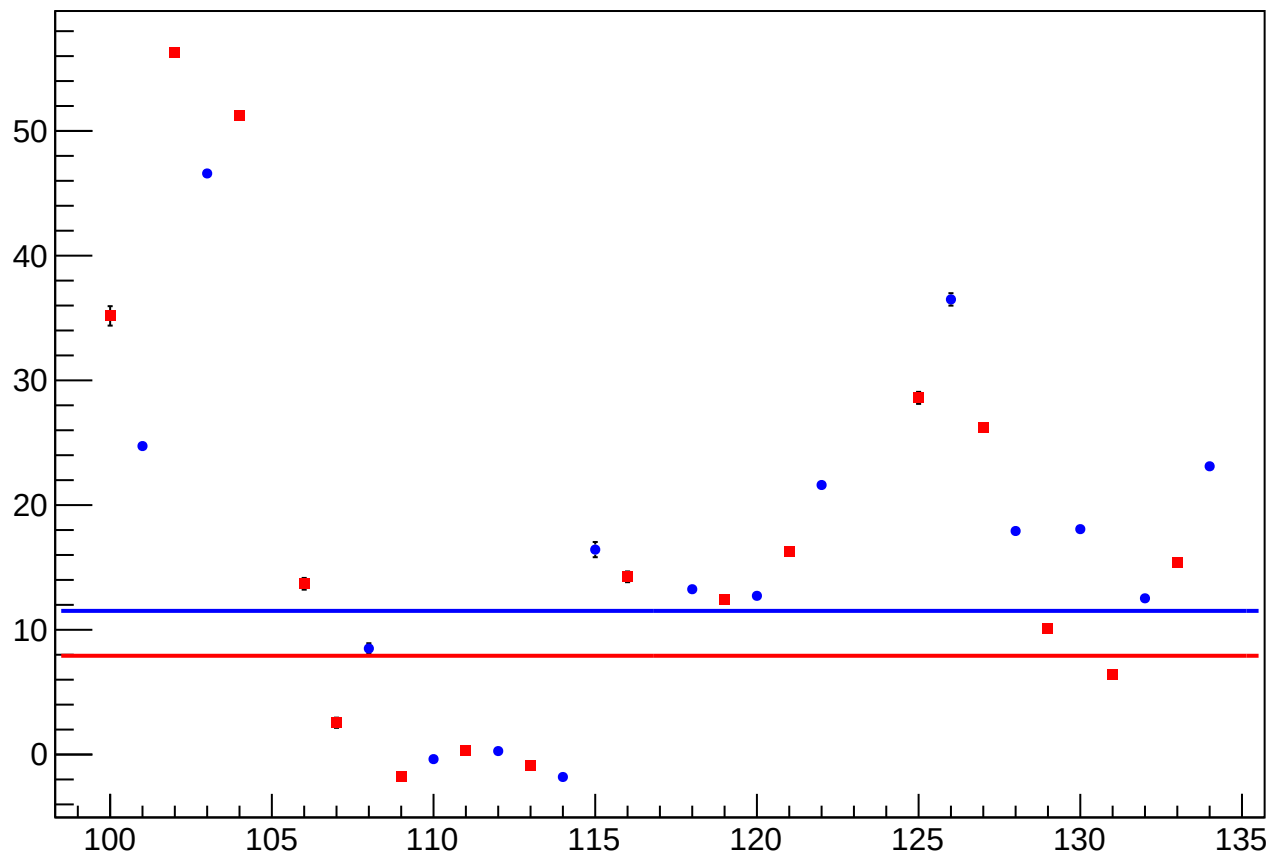
Right: 1.685+/-0.044 χ^2/NDF : 1897.7/30

In: 1.864+/-0.063 χ^2/NDF : 1069.6/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.685+/-0.044 χ^2/NDF : 1897.7/30

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.517+/-0.070 χ^2/NDF : 30849.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.918+/-0.063 χ^2/NDF : 50704.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

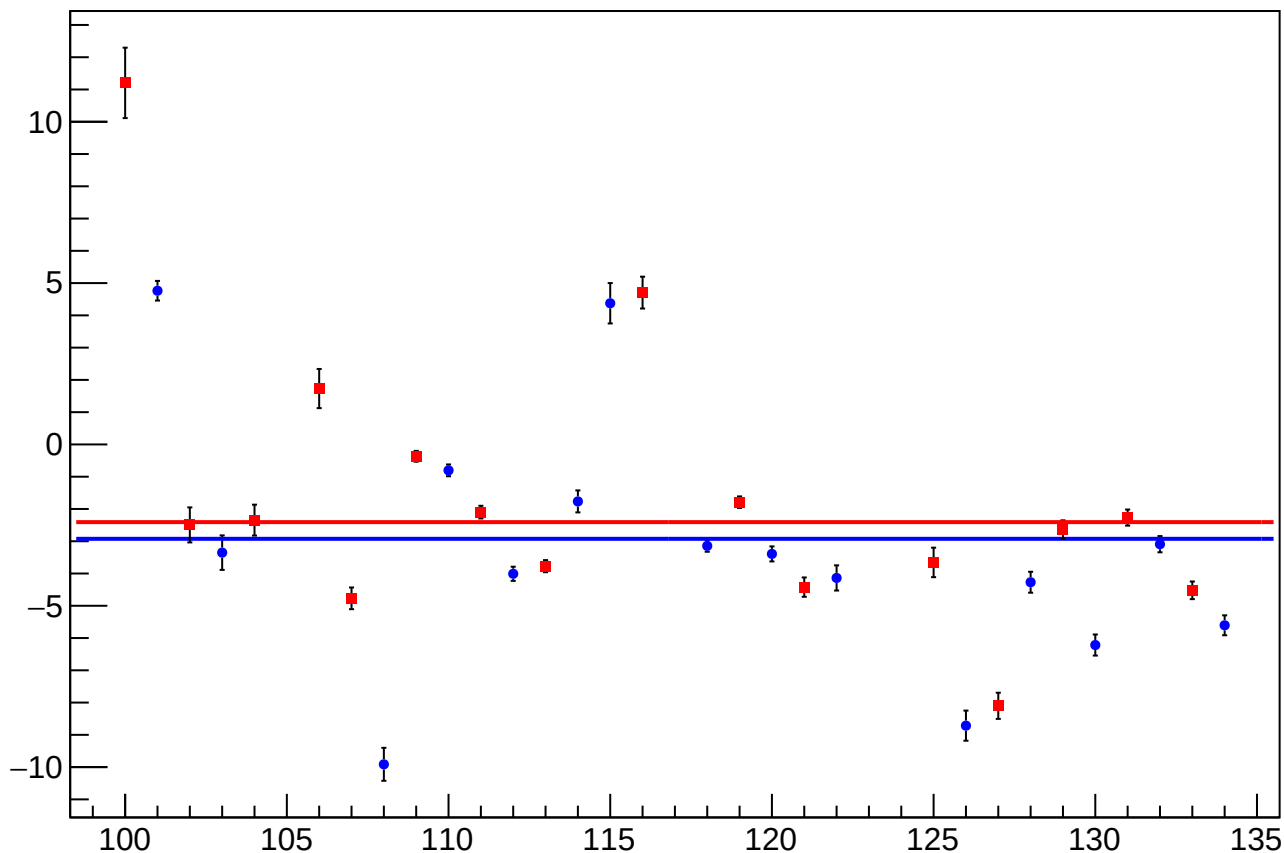
Right: 9.528+/-0.047 χ^2/NDF : 83028.9/30

In: 11.517+/-0.070 χ^2/NDF : 30849.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.528+/-0.047 χ^2/NDF : 83028.9/30

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.925 ± 0.074 χ^2/NDF : 1495.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.408 ± 0.069 χ^2/NDF : 985.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

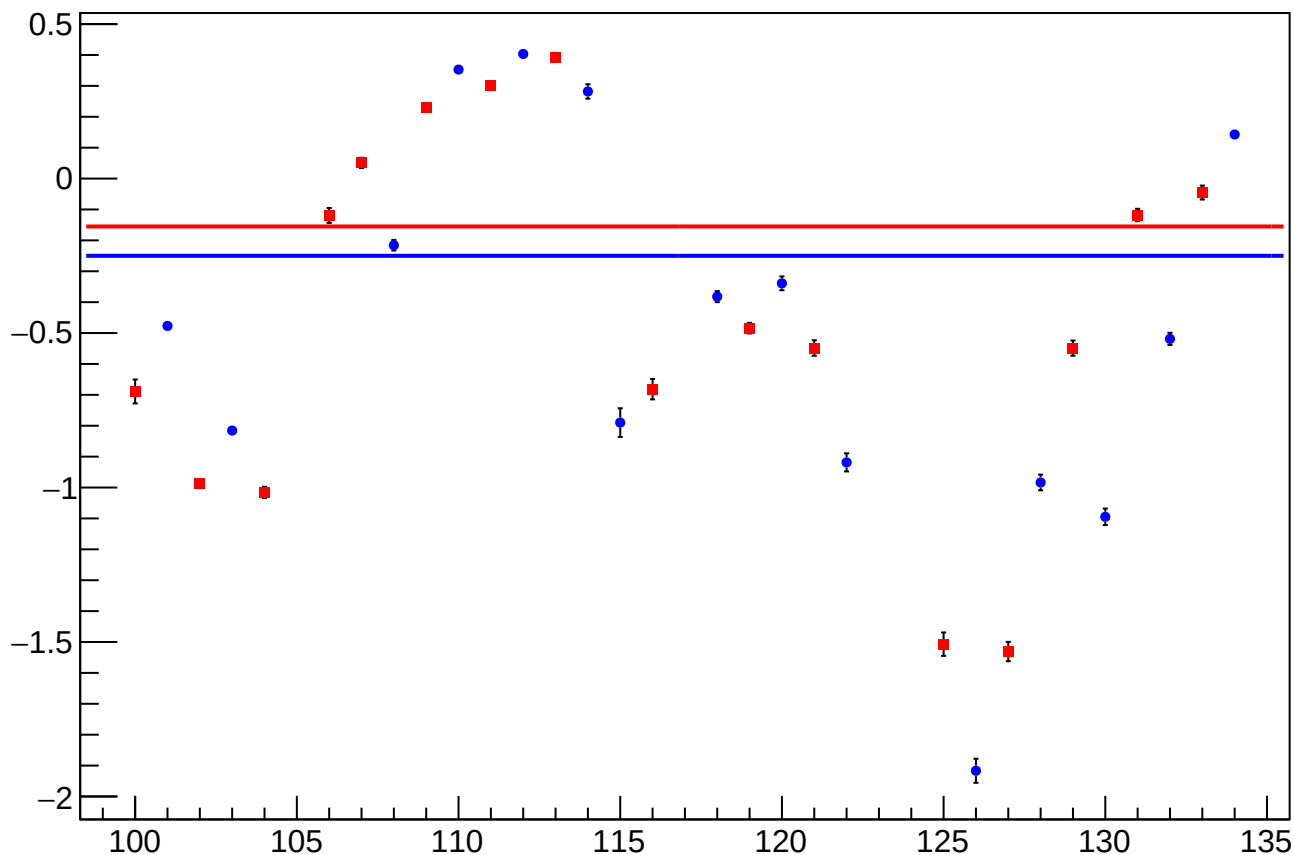
Right: -2.650 ± 0.050 χ^2/NDF : 2507.0/30

In: -2.925 ± 0.074 χ^2/NDF : 1495.3/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.650 ± 0.050 χ^2/NDF : 2507.0/30

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 12023.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.155 ± 0.004 $\chi^2/\text{NDF}: 14795.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

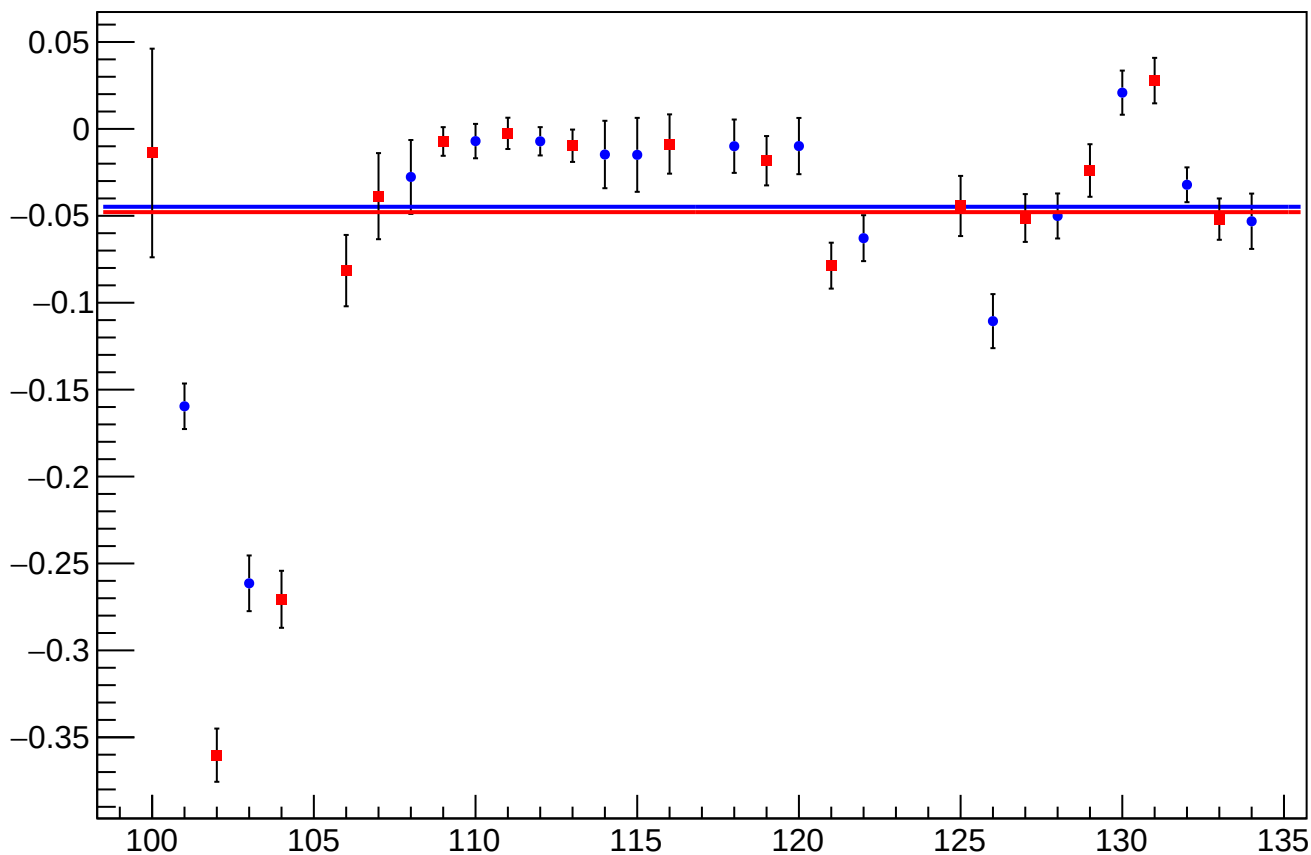
Right: -0.199 ± 0.003 $\chi^2/\text{NDF}: 27030.7/30$

In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 12023.1/14$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.199 ± 0.003 $\chi^2/\text{NDF}: 27030.7/30$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.045 ± 0.003 χ^2/NDF : 359.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.003 χ^2/NDF : 721.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

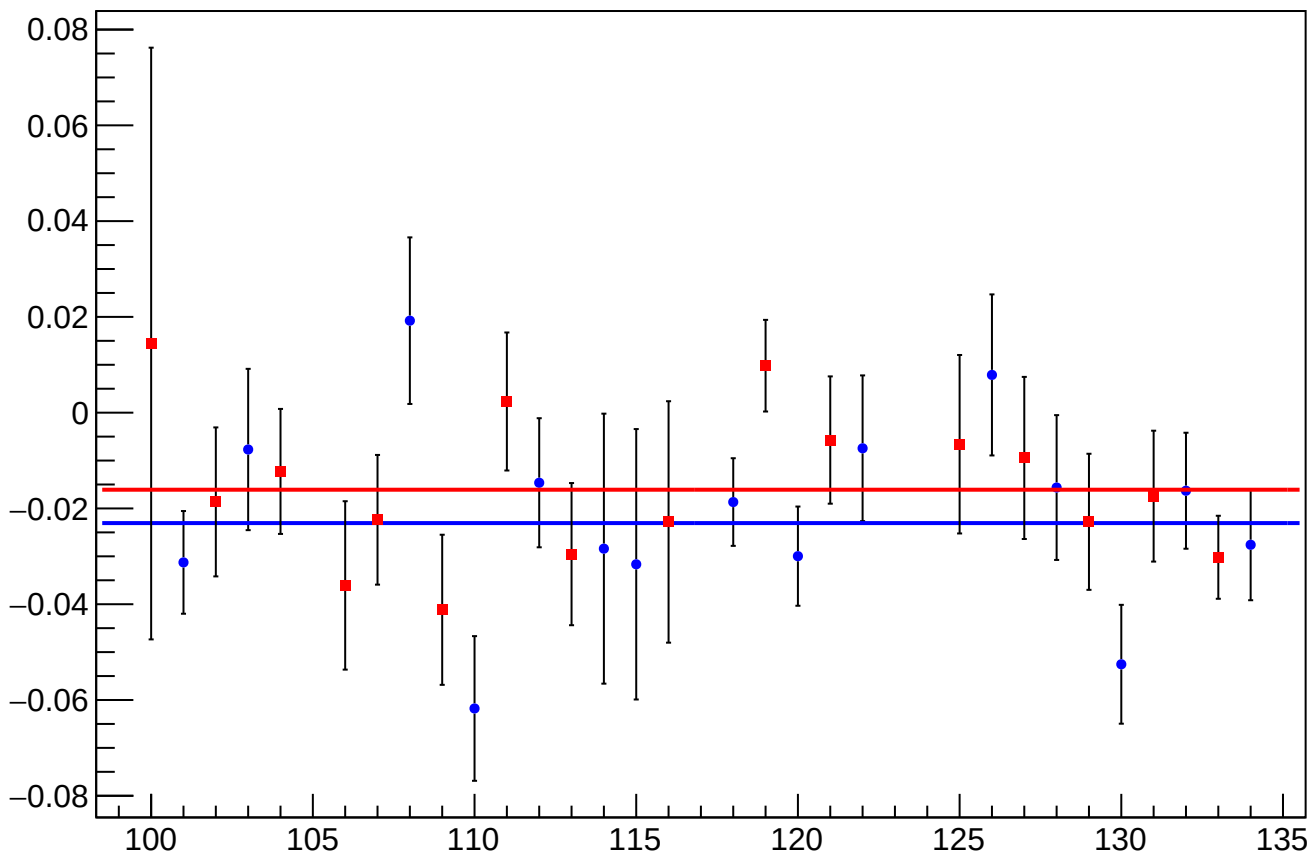
Right: -0.046 ± 0.002 χ^2/NDF : 1081.0/30

In: -0.045 ± 0.003 χ^2/NDF : 359.0/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.002 χ^2/NDF : 1081.0/30

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.003 χ^2/NDF : 25.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.016+/-0.004 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

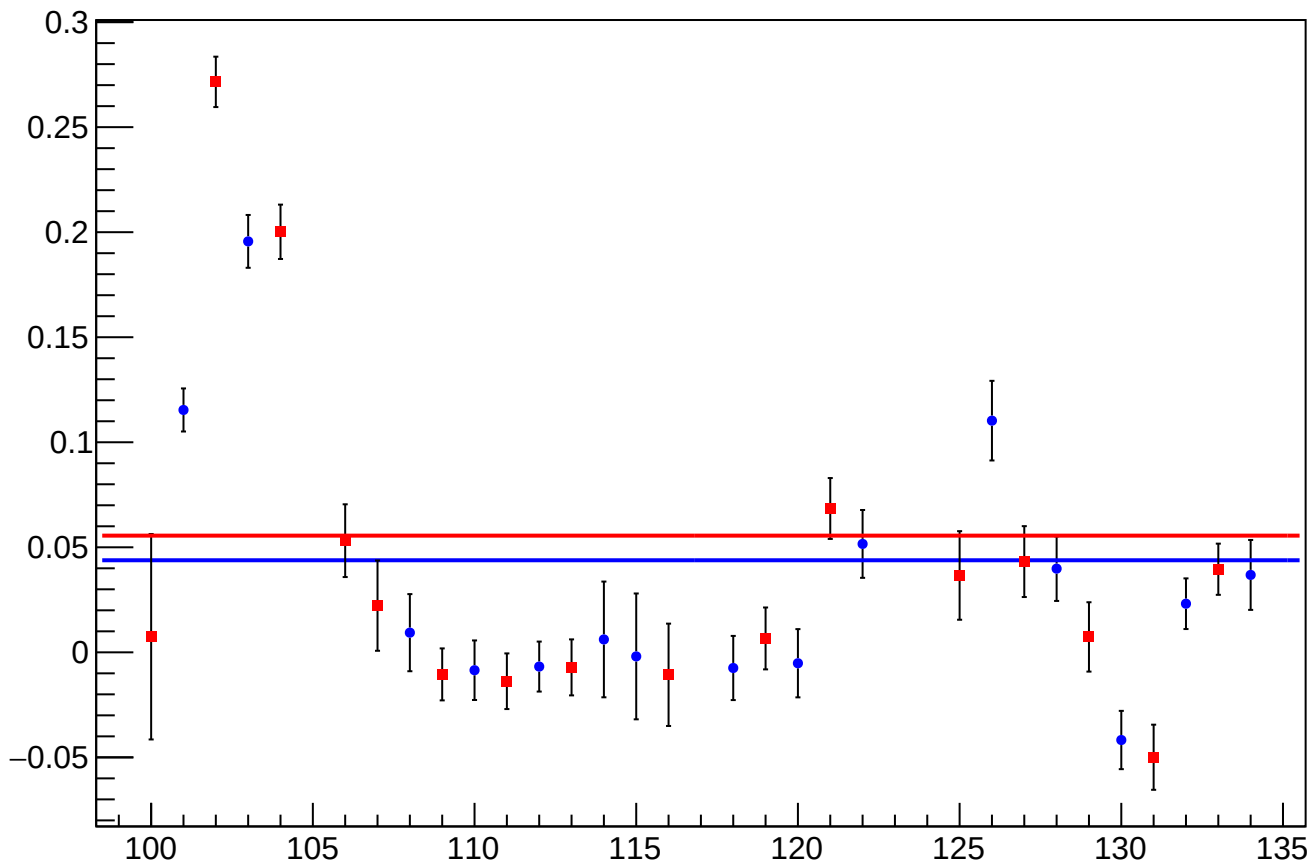
Right: -0.020+/-0.002 χ^2/NDF : 46.0/30

In: -0.023+/-0.003 χ^2/NDF :25.9/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.002 χ^2/NDF : 46.0/30

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.044 $\pm$ 0.004 χ^2 /NDF: 308.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.056 $\pm$ 0.004 χ^2 /NDF: 607.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

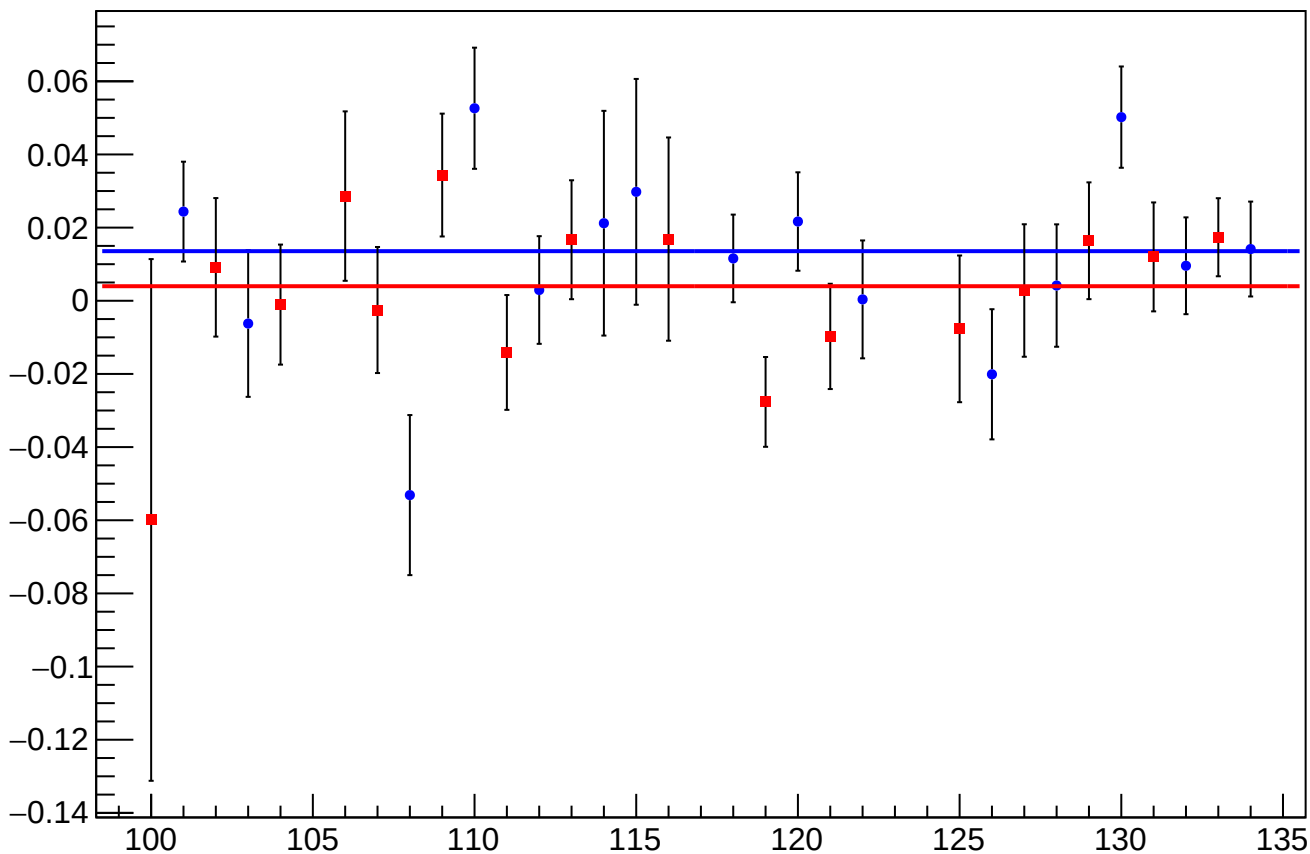
Right: 0.050 $\pm$ 0.003 χ^2 /NDF: 920.5/30

In: 0.044 $\pm$ 0.004 χ^2 /NDF:308.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.050 $\pm$ 0.003 χ^2 /NDF: 920.5/30

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.004 χ^2/NDF : 29.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.004 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

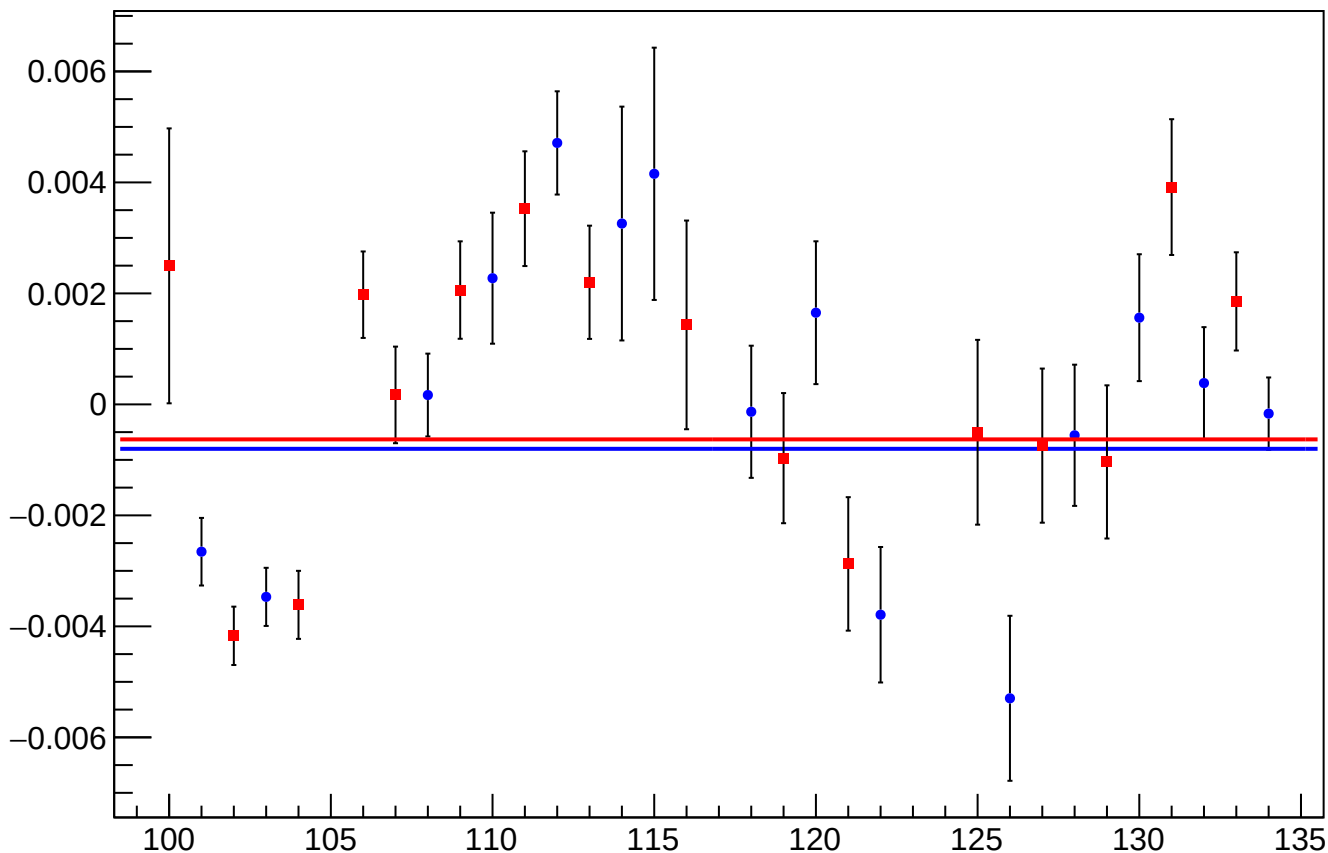
Right: 0.009+/-0.003 χ^2/NDF : 50.1/30

In: 0.014+/-0.004 χ^2/NDF : 29.4/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.003 χ^2/NDF : 50.1/30

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 113.0/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 142.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

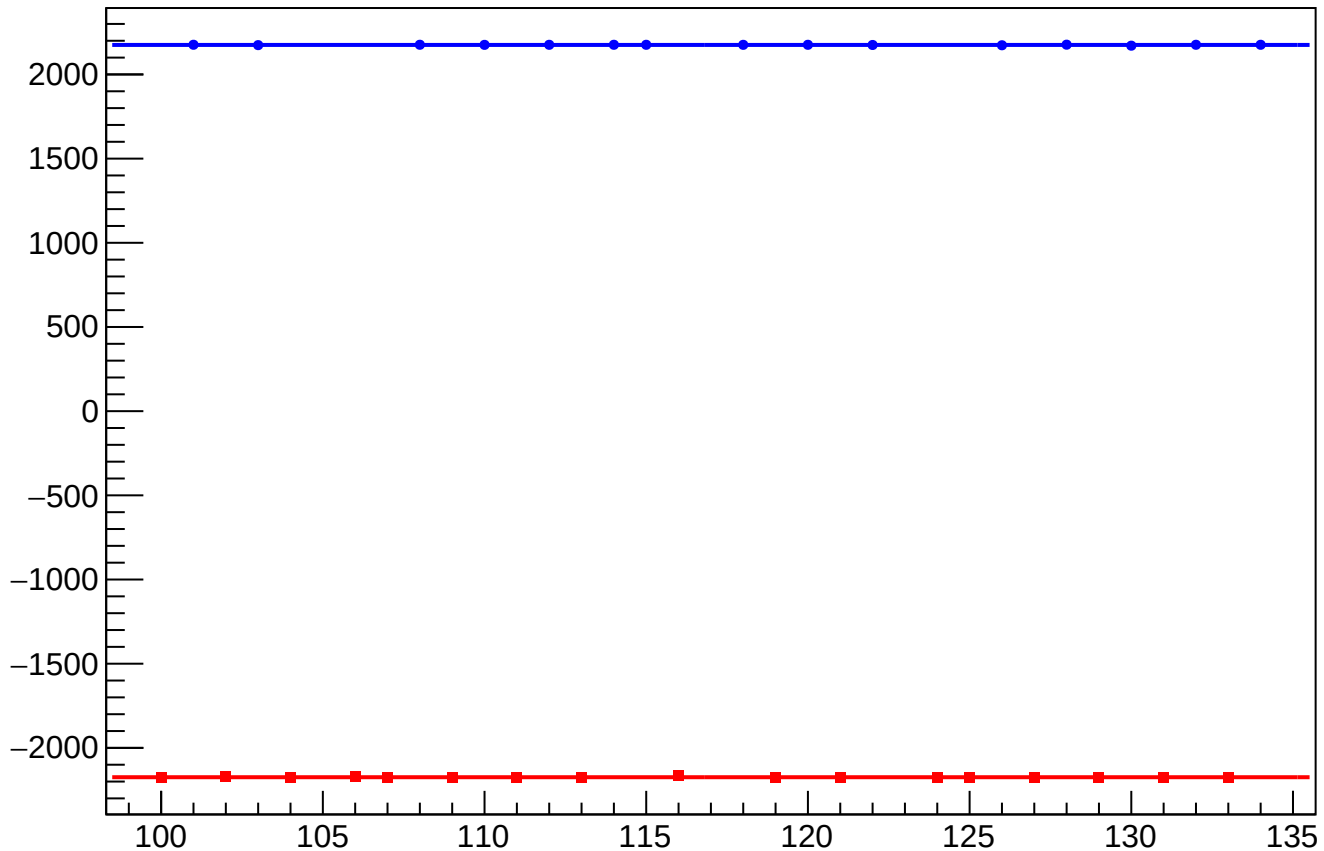
Right: -0.001+/-0.000 χ^2/NDF : 255.7/30

In: -0.001+/-0.000 χ^2/NDF :113.0/14

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

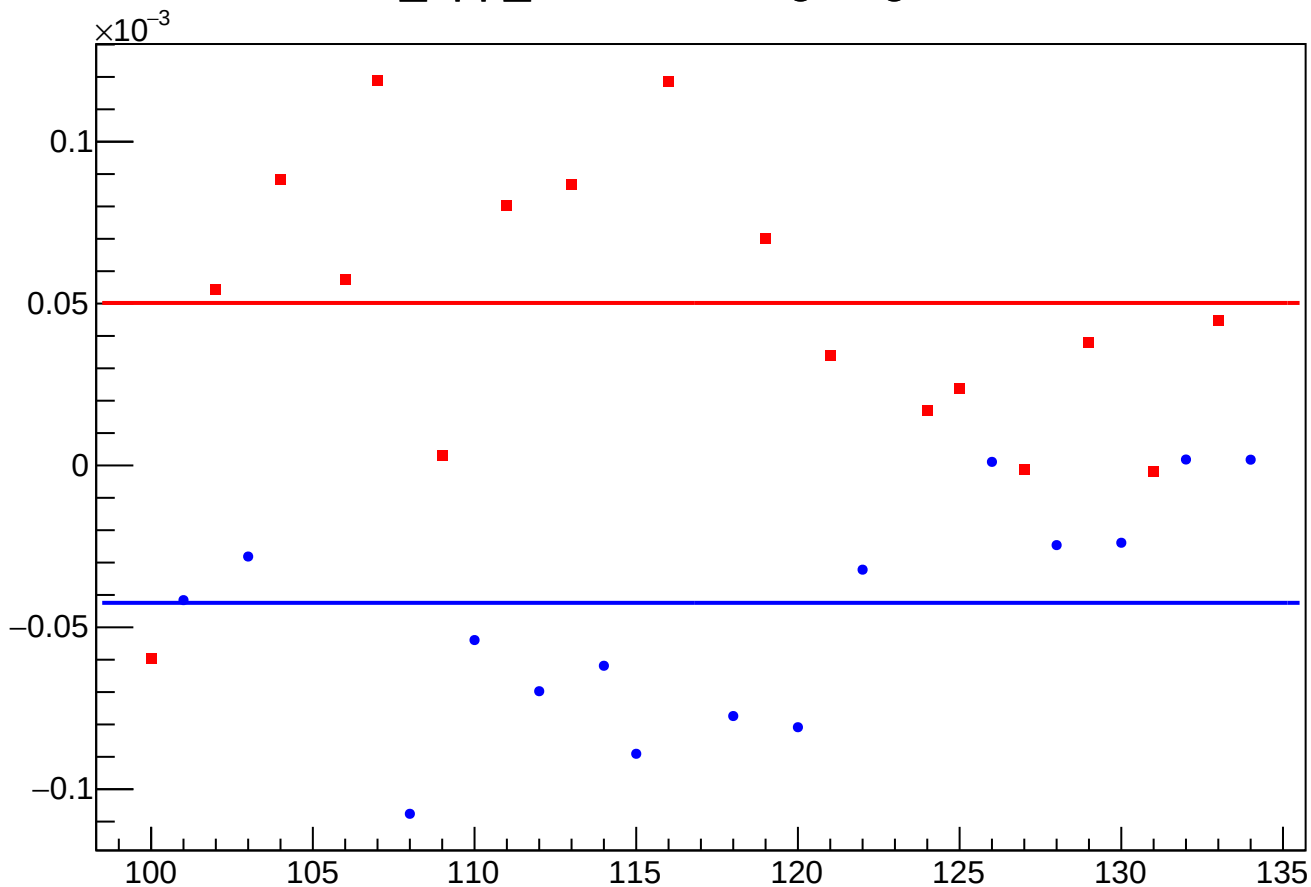
All: -0.001+/-0.000 χ^2/NDF : 255.7/30

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.286 $\pm$ 0.000 χ^2 /NDF: 1727089099874026962459561847422976.0/14
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: -61.153 $\pm$ 0.000 χ^2 /NDF: 633258678333817.0/14
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: 2175.286 $\pm$ 0.000 χ^2 /NDF: 1727089099874026962459561847422976.0/14
Right Out: -2174.247 $\pm$ 0.000 χ^2 /NDF: 5463910188575705856848253230776320.0/16
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -61.153 $\pm$ 0.000 χ^2 /NDF: 633258678333817.0/14

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 666717624116010771546112.0/14

Right: 0.000+/-0.000

Left: 0.000+/-0.000

χ^2/NDF : 44817771937229102

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 943247573086077567631360.0/16

χ^2/NDF : 666717624116010771

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.000+/-0.000

χ^2/NDF : 0.0/0

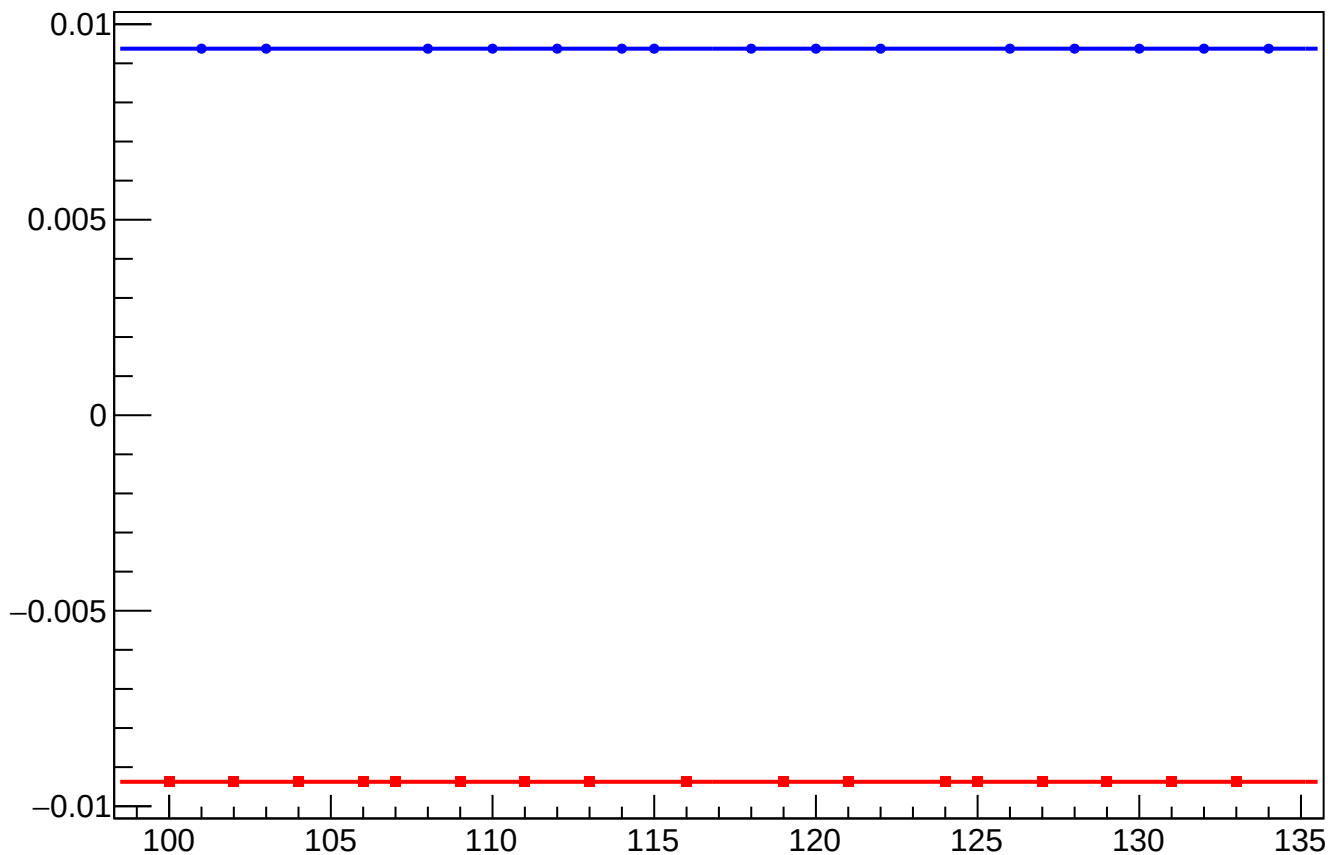
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 44817771937229

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

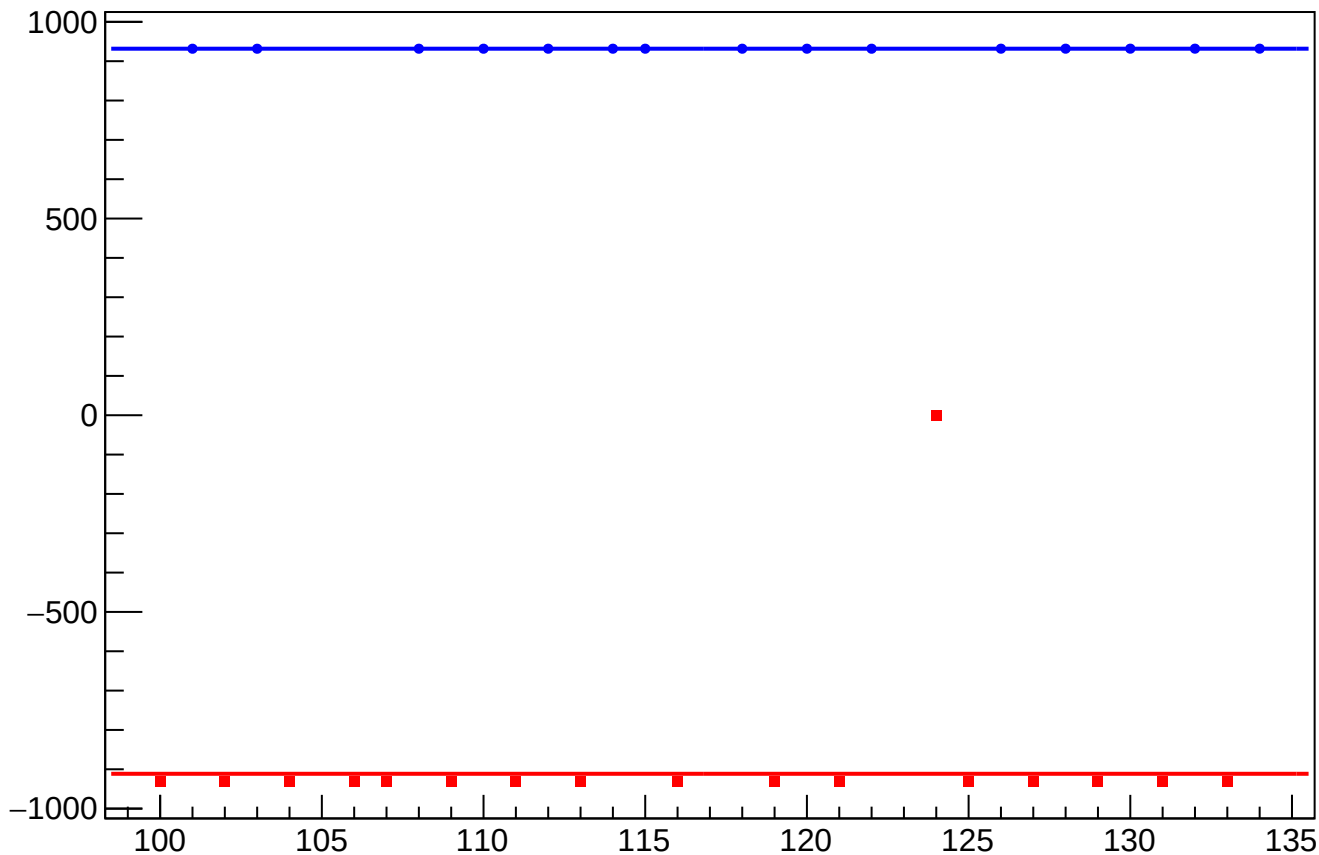
Right: -0.000+/-0.000 χ^2/NDF : 1176787255130596

In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

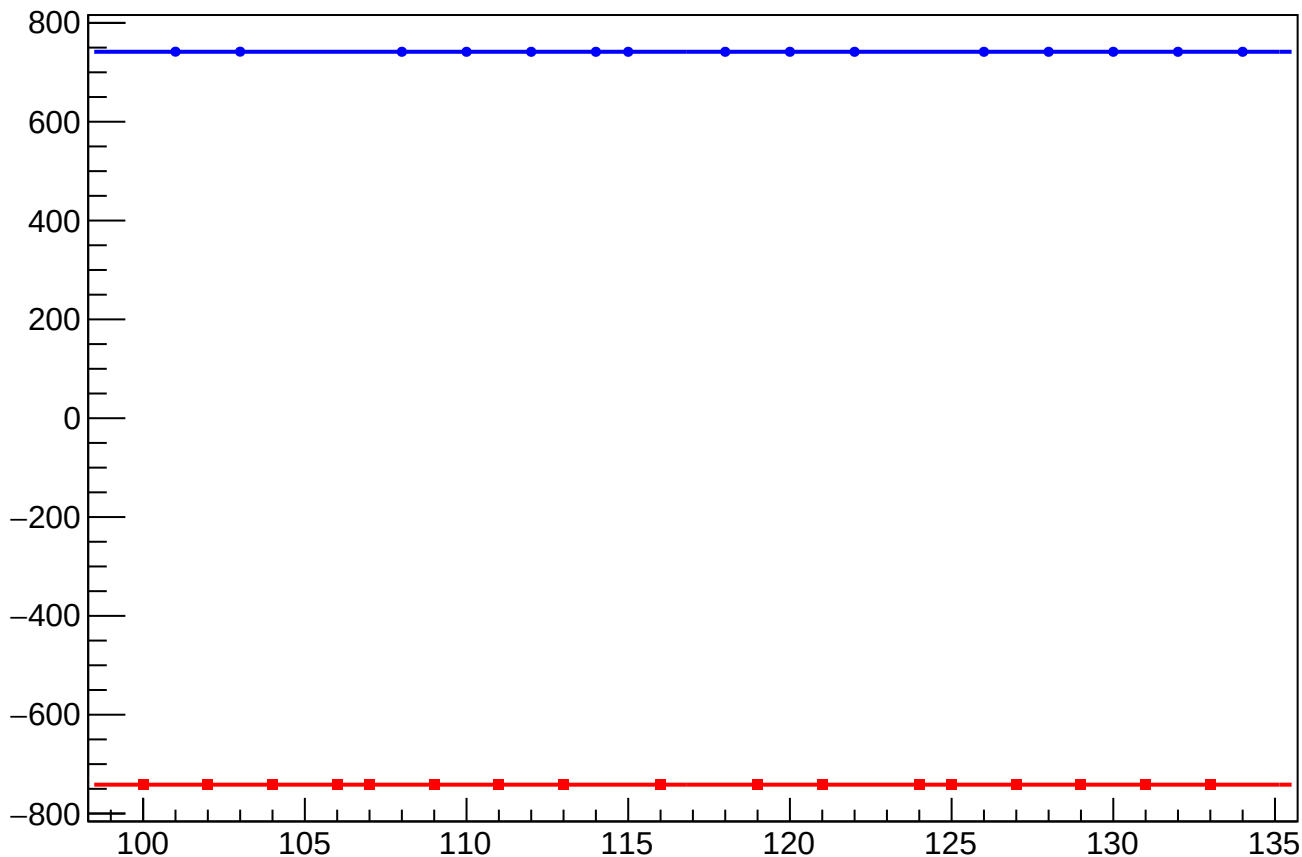
All: -0.000+/-0.000 χ^2/NDF : 1176787255130

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



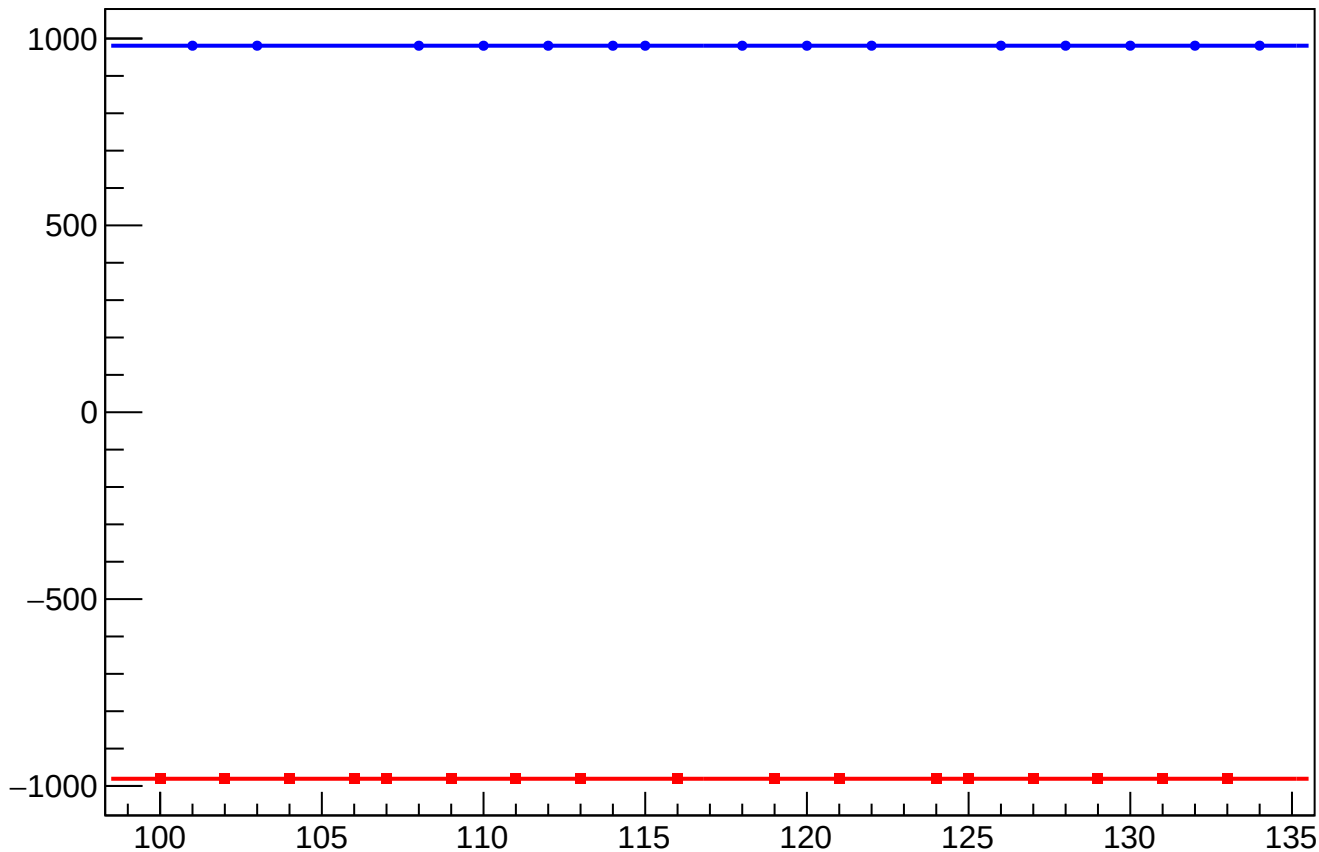
Right In: 931.755+/-0.000 χ^2/NDF : 1761399800746743943640544968704.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -911.469+/-0.000 χ^2/NDF : 1273807522279573443672087725139296256.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -15.992+/-0.000 χ^2/NDF : 114997690520947

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



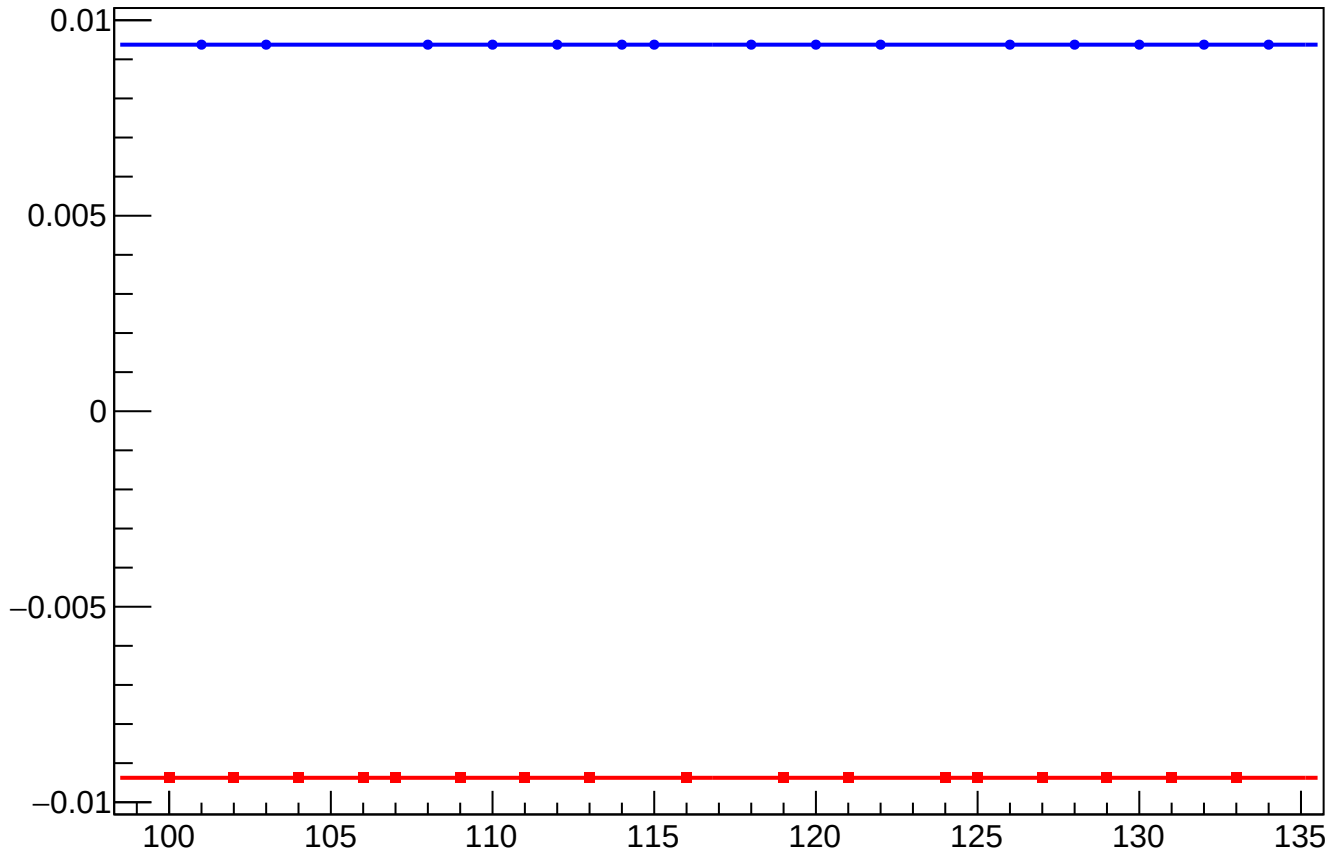
Right In: 741.575+/-0.000 χ^2/NDF : 6260362617767595372872558706688.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.582+/-0.000 χ^2/NDF : 7516438755858722986707988250624.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -21.033+/-0.000 χ^2/NDF : 736324450046184.0/14

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.803+/-0.000 χ^2/NDF : 931526604880960262701278298112.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.718+/-0.000 χ^2/NDF : 55682233057488013164027496628224.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -27.770+/-0.000 χ^2/NDF : 128789832457468

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

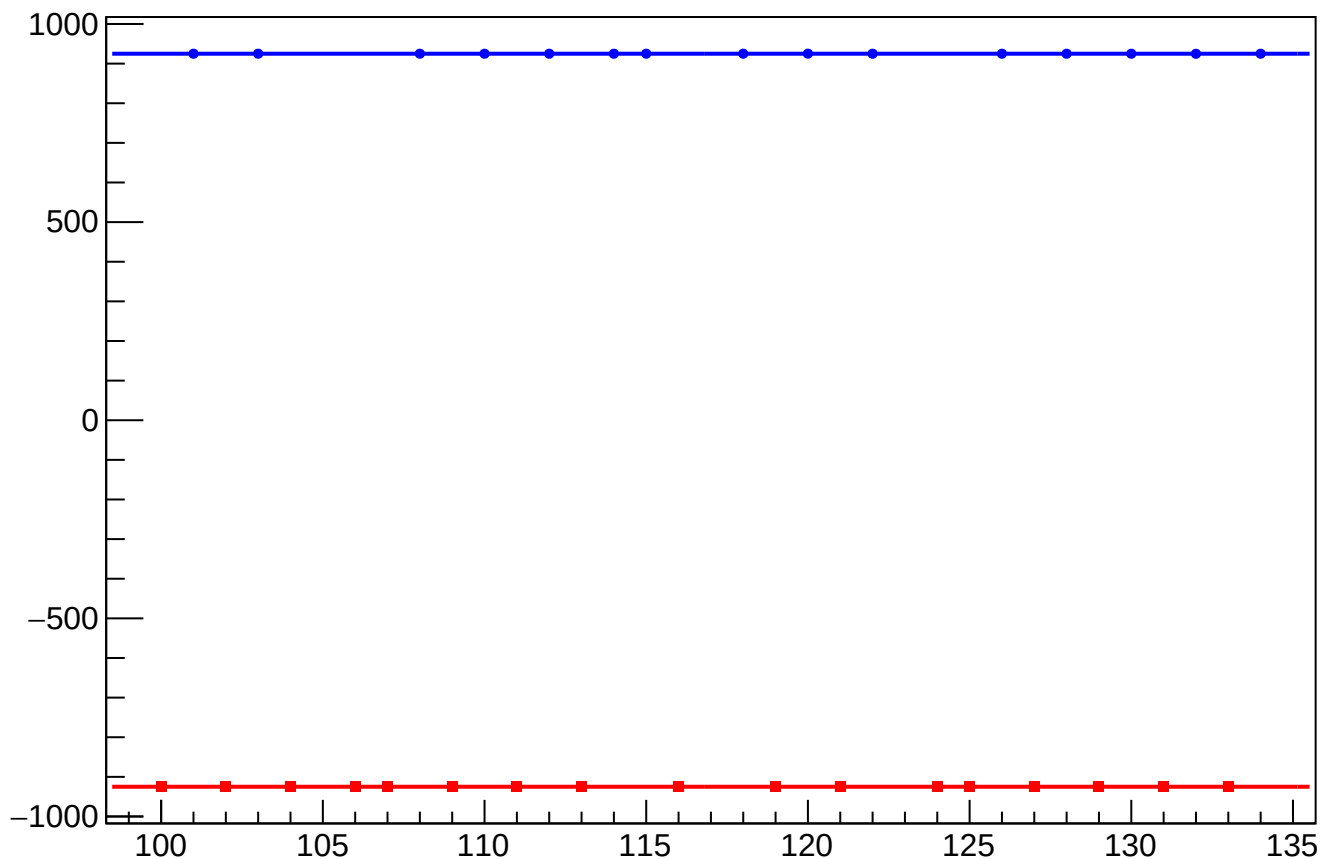
Right: -0.000+/-0.000 χ^2/NDF : 1176787255130596

In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

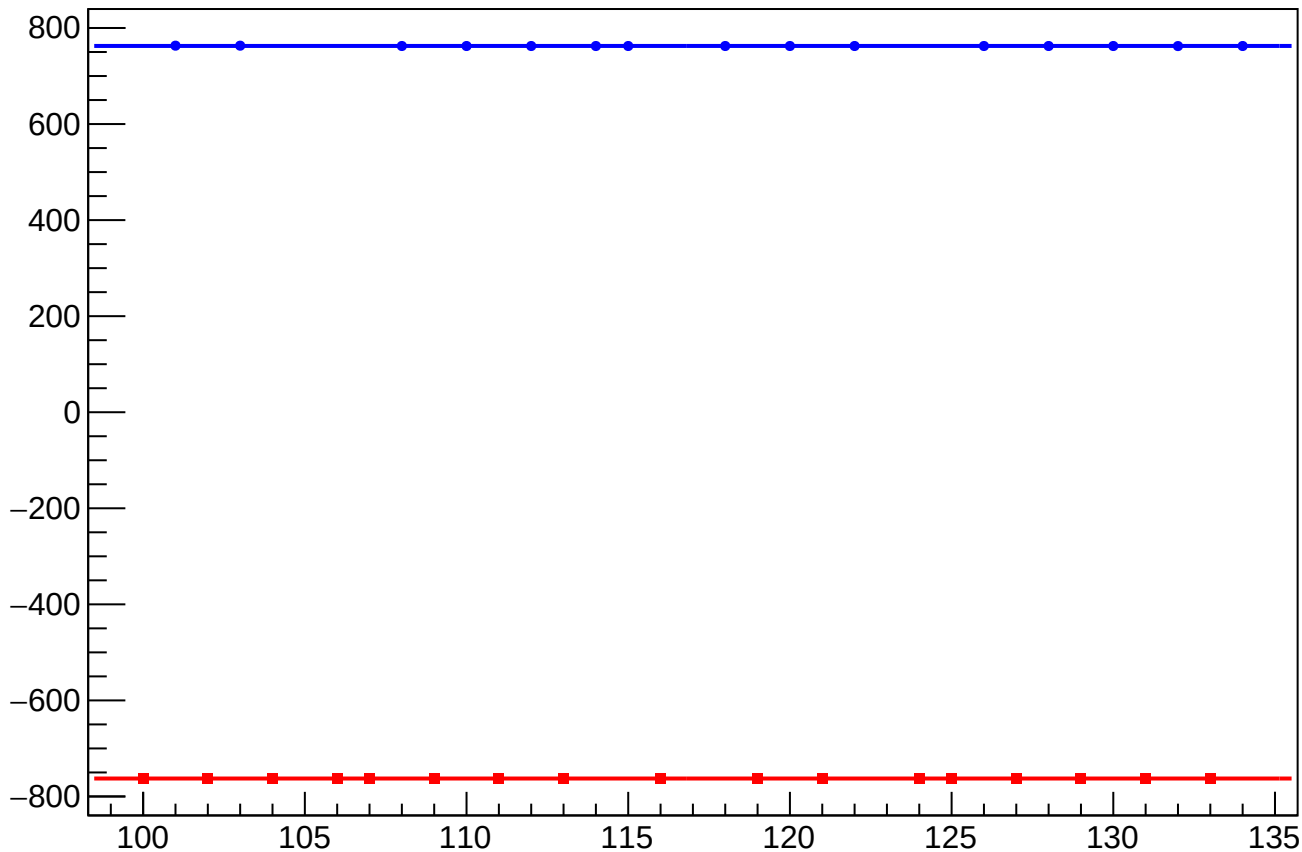
All: -0.000+/-0.000 χ^2/NDF : 1176787255130

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



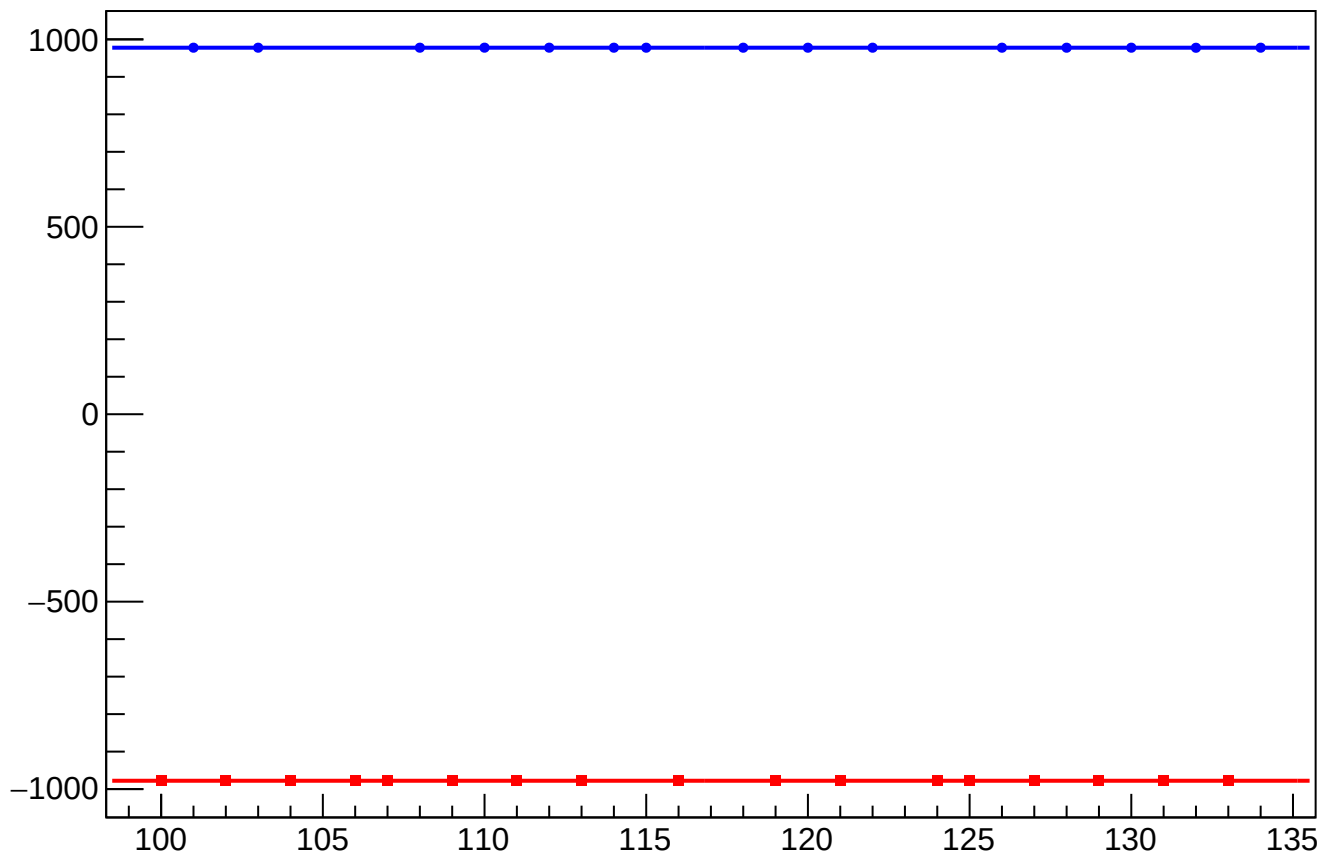
Right In: 924.963+/-0.000 χ^2/NDF : 2500342342285433853443592683520.0/14
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -924.973+/-0.000 χ^2/NDF : 1211290088950012384892296364032.0/16
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -26.235+/-0.000 χ^2/NDF : 114553705147606

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



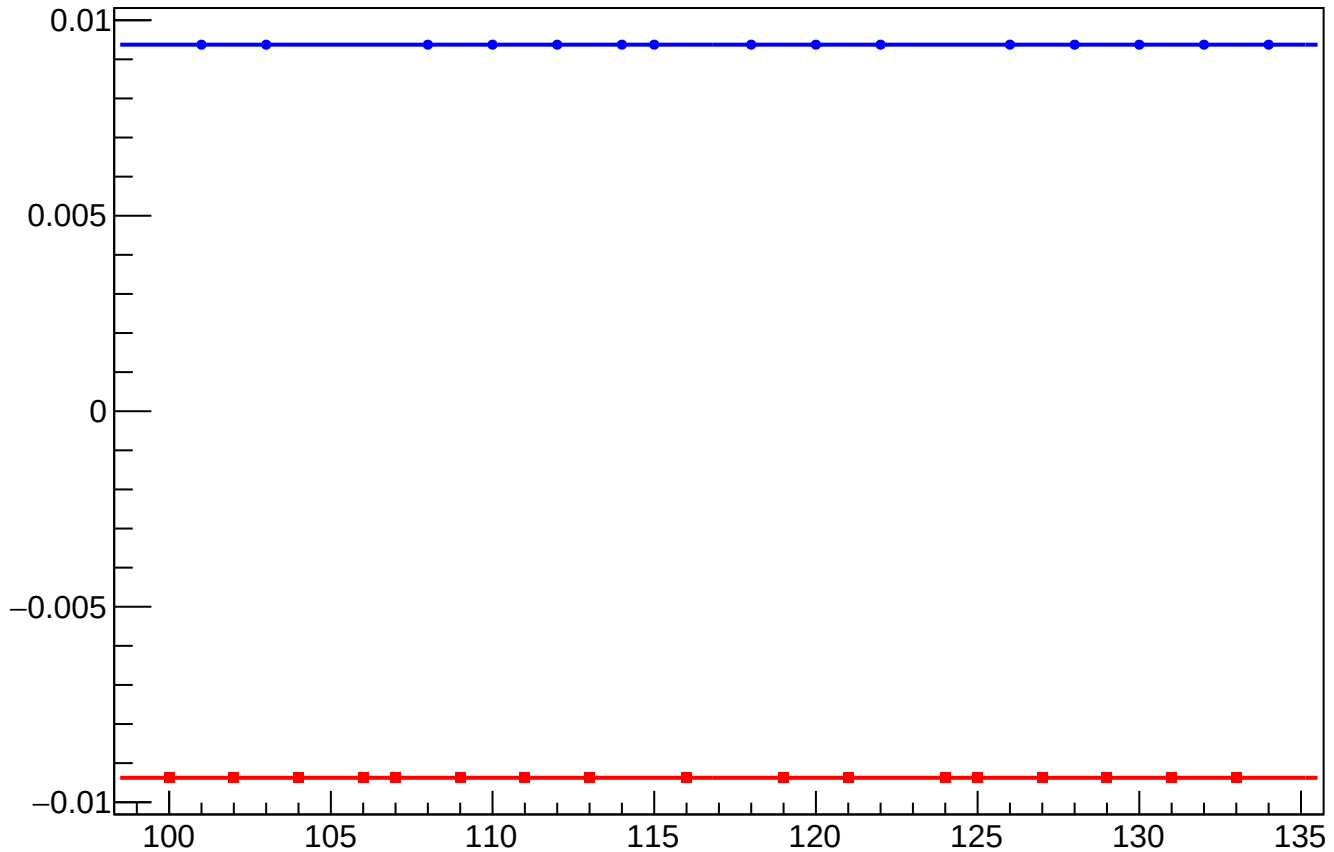
Right In: 762.626+/-0.000 χ^2/NDF : 50890411555532311110860742328320.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.631+/-0.000 χ^2/NDF : 51972768578081347554082641936384.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -21.629+/-0.000 χ^2/NDF : 778720262469830

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.740 $\pm$ 0.000 χ^2/NDF : 1545389440707445976314144620544.0/14
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -977.752 $\pm$ 0.000 χ^2/NDF : 871147736462792689863224197120.0/16
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -27.733 $\pm$ 0.000 χ^2/NDF : 127999352806324

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

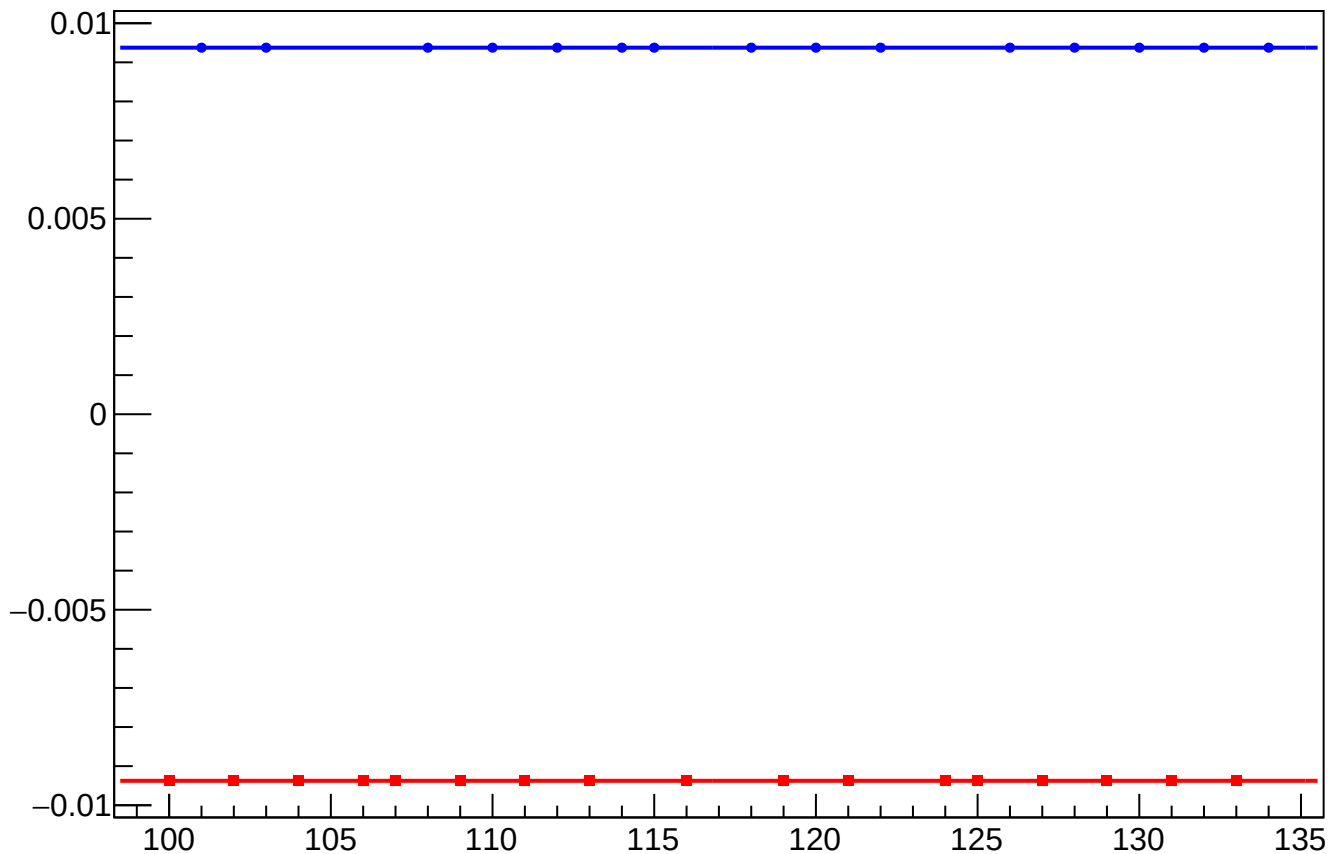
Right: -0.000+/-0.000 χ^2/NDF : 1176787255130596

In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1176787255130

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

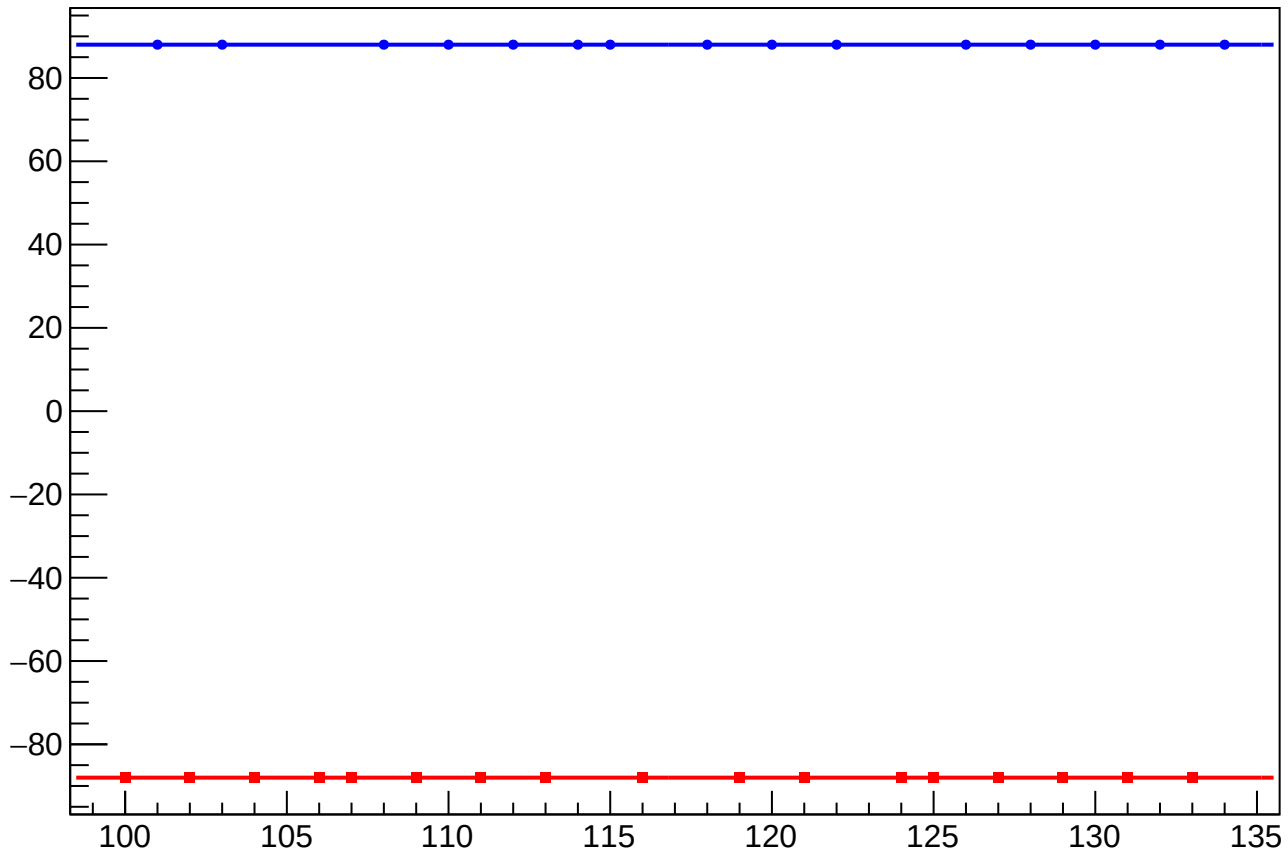
Right: -0.000+/-0.000 χ^2/NDF : 1176787255130596

In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1176787255130

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1429188.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.004+/-0.000 χ^2/NDF : 72628052332312000449560444928.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

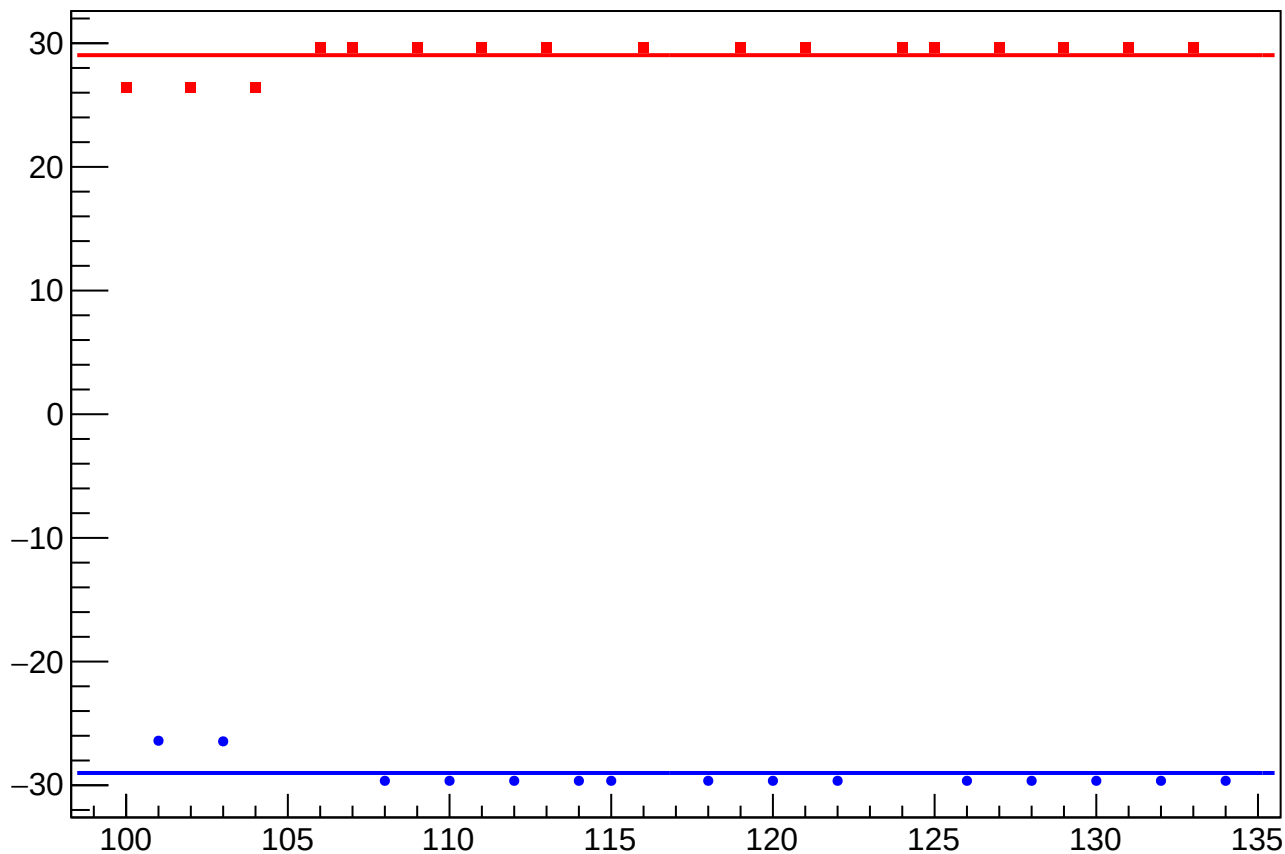
Right: -2.497+/-0.000 χ^2/NDF : 1036913351310578

In: 88.001+/-0.000 χ^2/NDF : 1429188.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

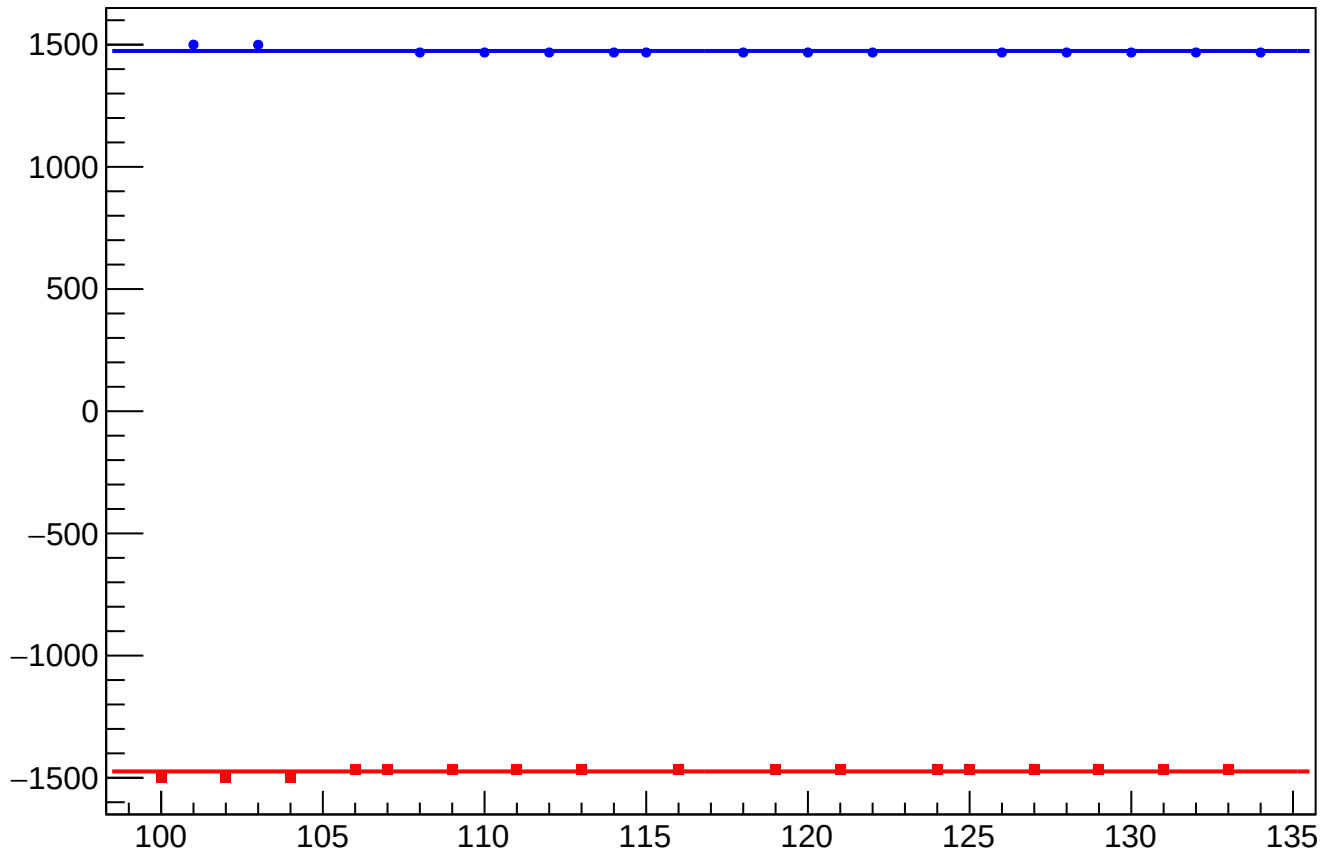
All: -2.497+/-0.000 χ^2/NDF : 1036913351310

HWienAngle_mean vs Slug, Sign Corrected



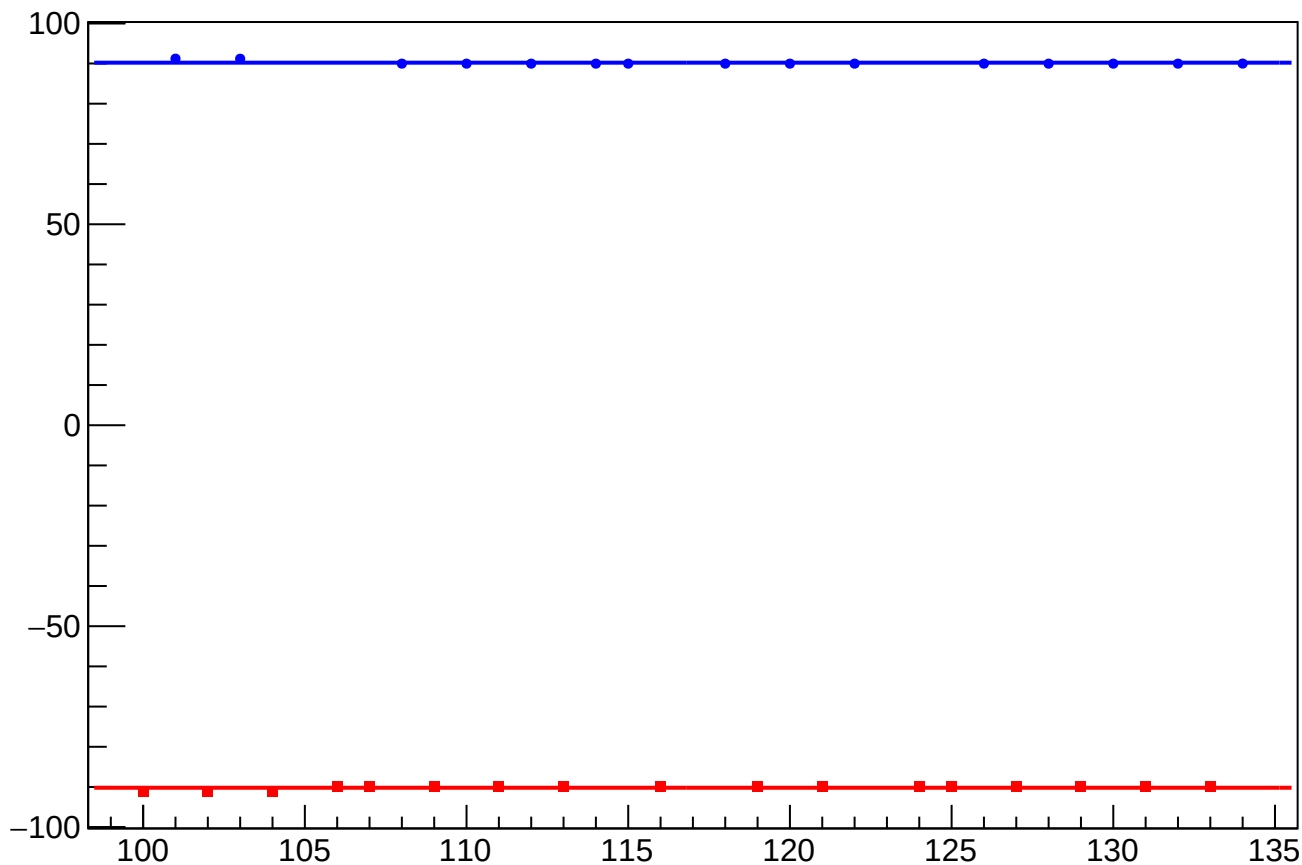
Right In: -29.009 ± 0.000 $\chi^2/\text{NDF}: 1062778529032282879006175110627328.0/14$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 29.034 ± 0.000 $\chi^2/\text{NDF}: 1100648220609600333941800978874368.0/16$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.836 ± 0.000 $\chi^2/\text{NDF}: 11298563059483108$

psub_pl_pos_mean vs Slug, Sign Corrected



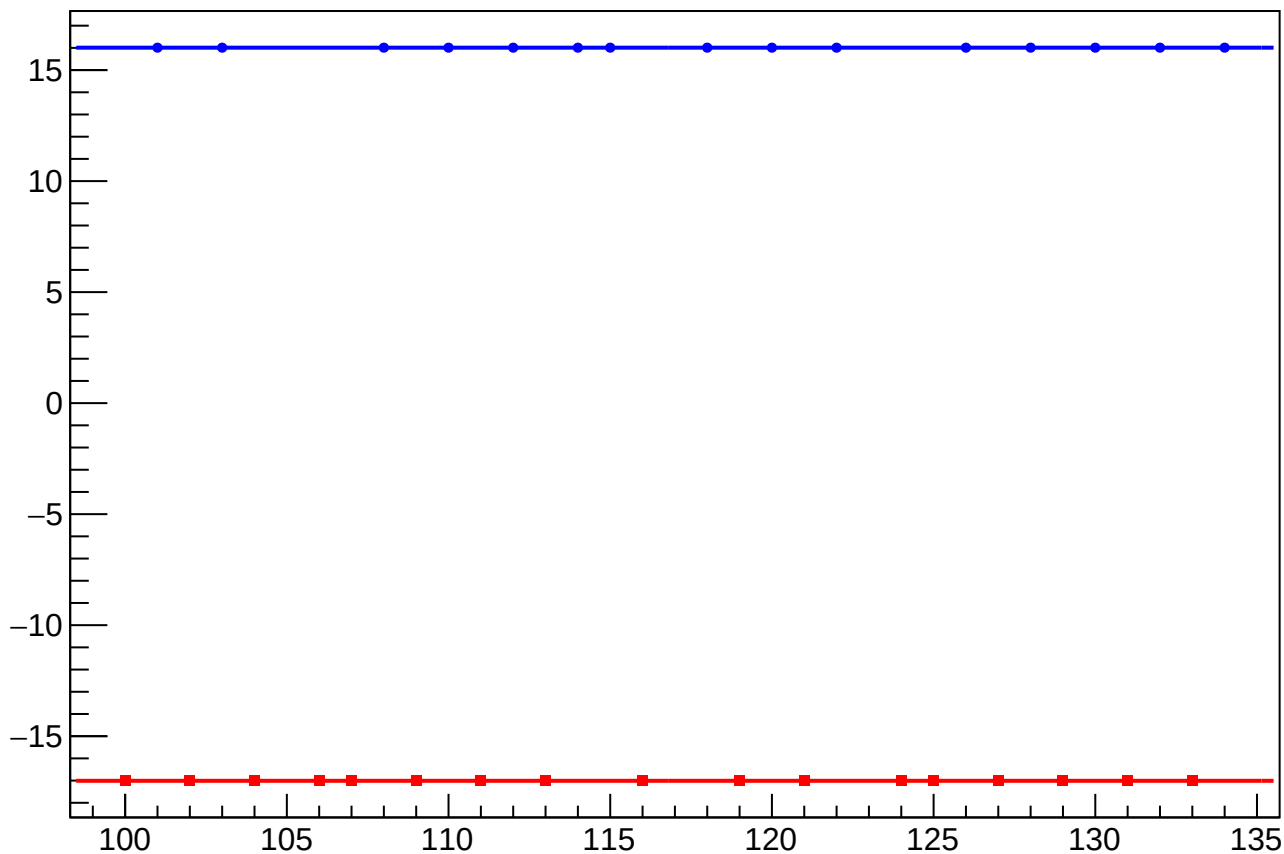
Right In: 1474.226+/-0.000 χ^2/NDF : 103808652197454866443302194024284160.0/14
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1473.975+/-0.000 χ^2/NDF : 107507637013564870021539215701966848.0/16
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -41.677+/-0.000 χ^2/NDF : 290965210784393

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.202+/-0.000 χ^2/NDF : 155342676749264127694115910451200.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.191+/-0.000 χ^2/NDF : 161213677793920759943979008524288.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.552+/-0.000 χ^2/NDF : 1089308510040664

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 40907.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 13458989694503448169414656.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

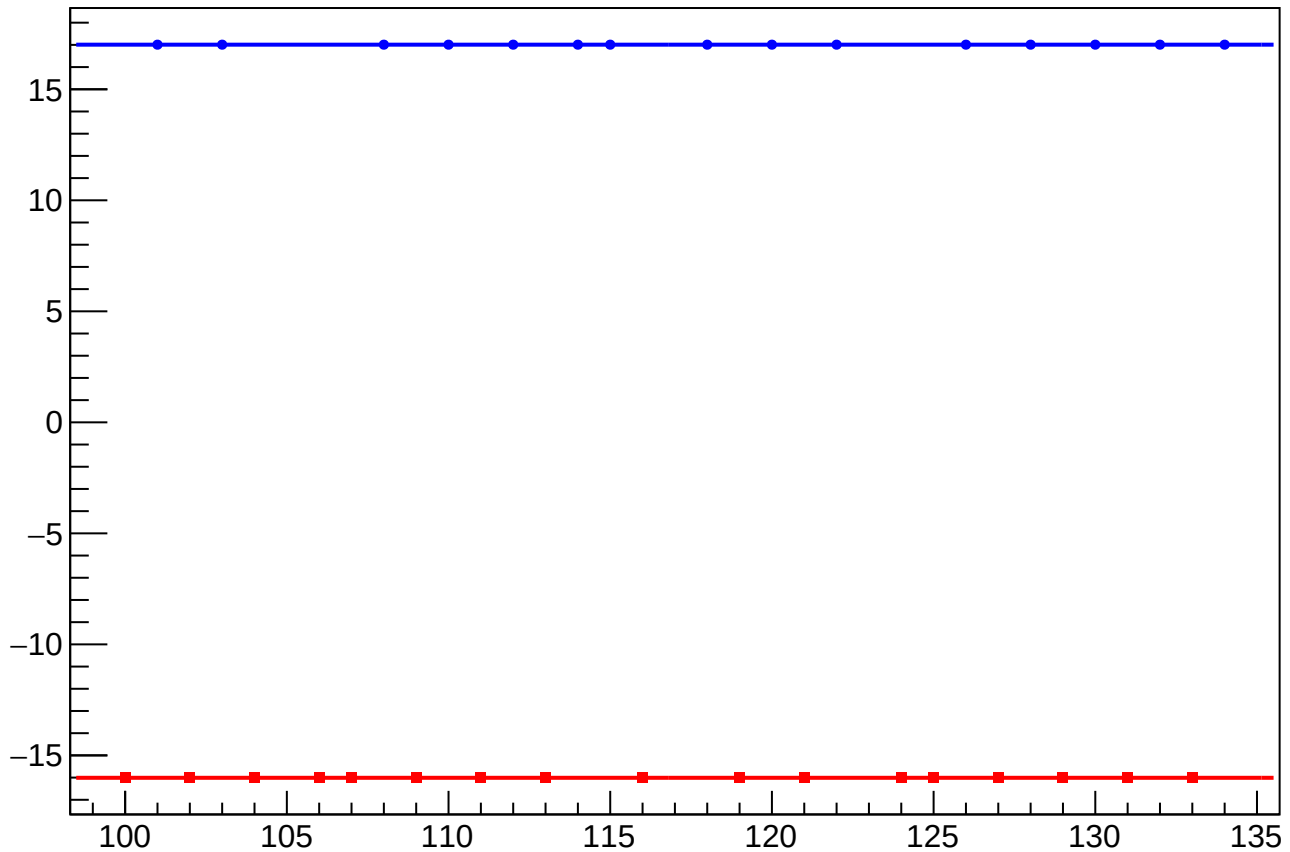
Right: -0.356+/-0.000 χ^2/NDF : 3436695076521114

In: 16.009+/-0.000 χ^2/NDF : 40907.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.356+/-0.000 χ^2/NDF : 3436695076521114

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 45955.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 35479.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

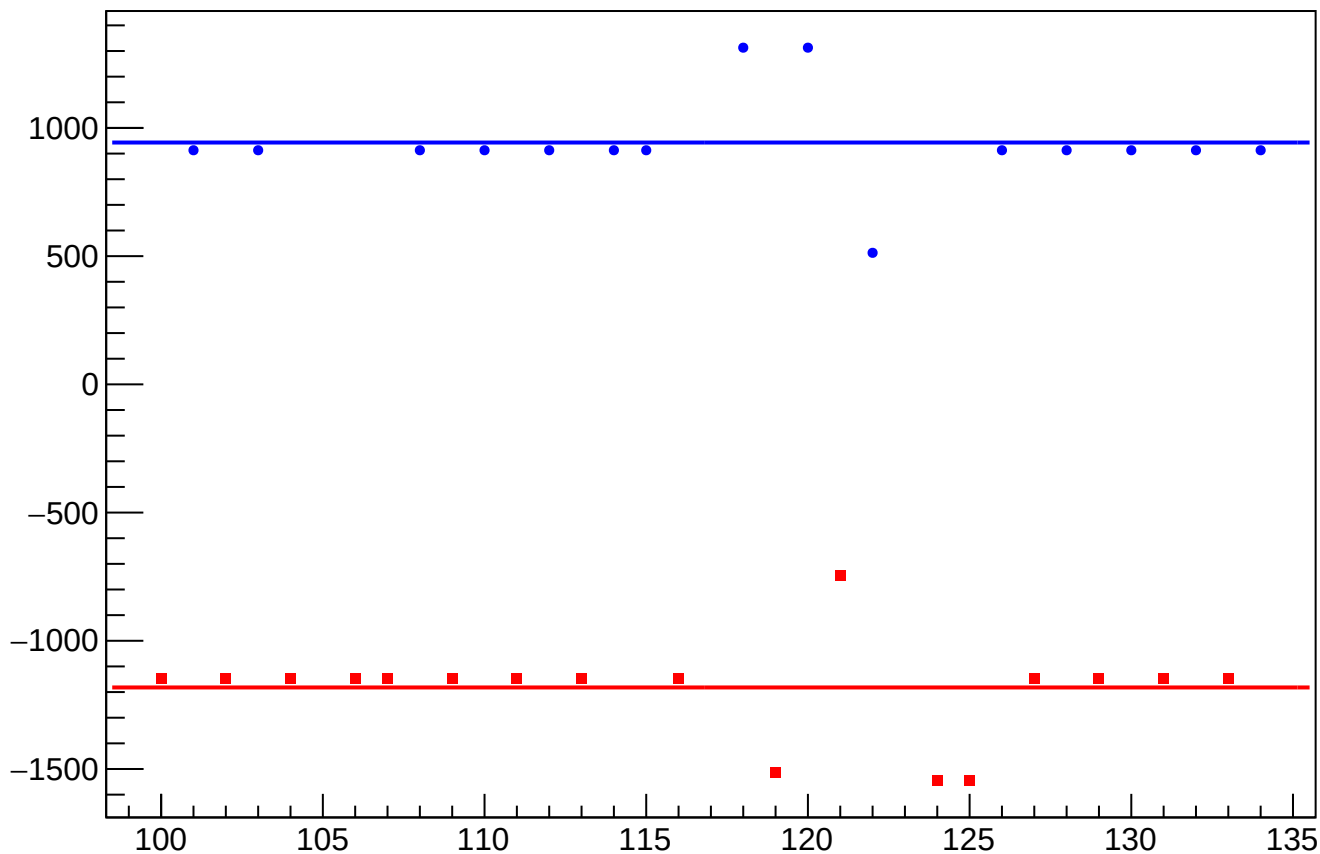
Right: -0.362+/-0.000 χ^2/NDF : 3539044368461084

In: 17.009+/-0.000 χ^2/NDF : 45955.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.362+/-0.000 χ^2/NDF : 3539044368461

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

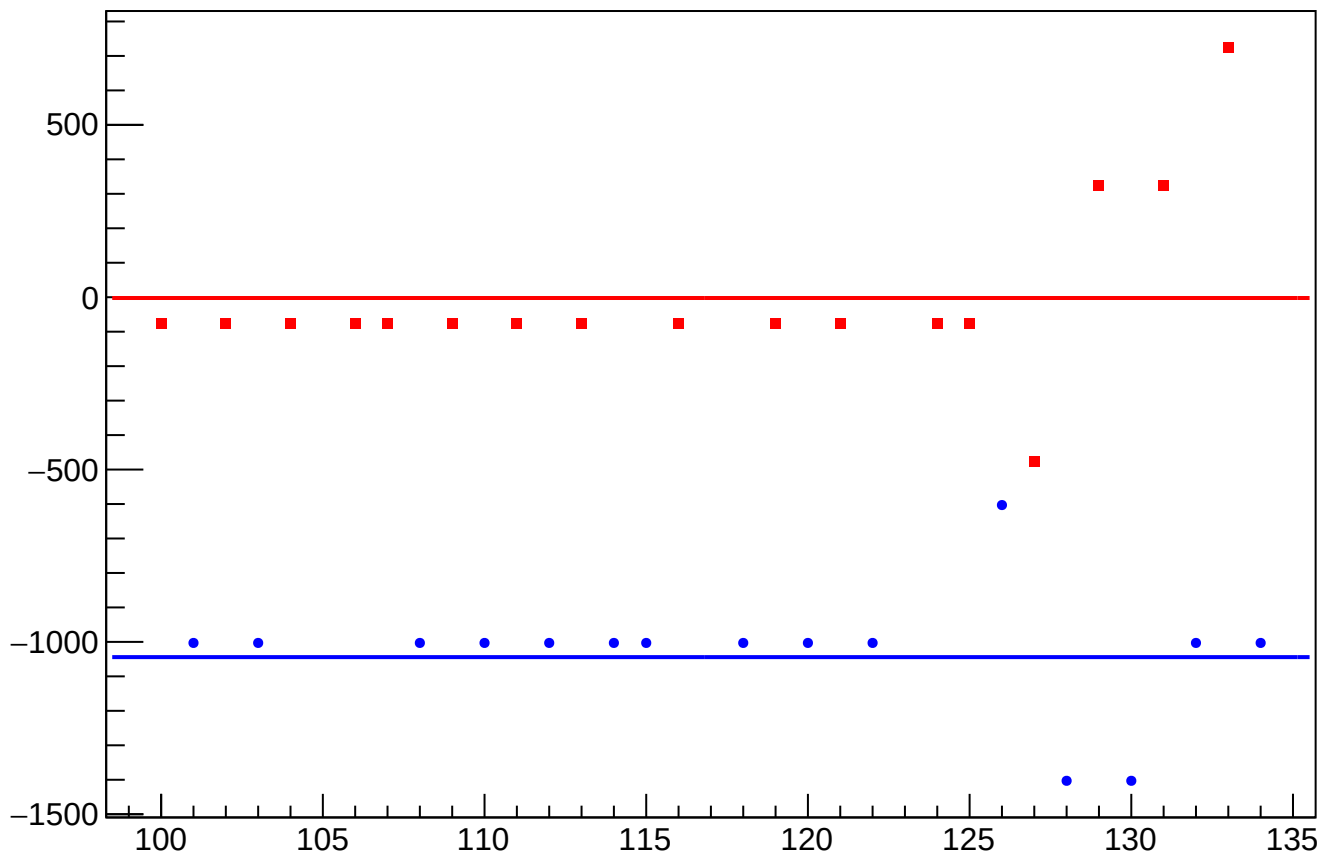
Right: -149.583 +/- 0.000 χ^2/NDF : 15547348474362

In: 943.103 +/- 0.000 χ^2/NDF : 21011262030709814811178913585420042240.0/14

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

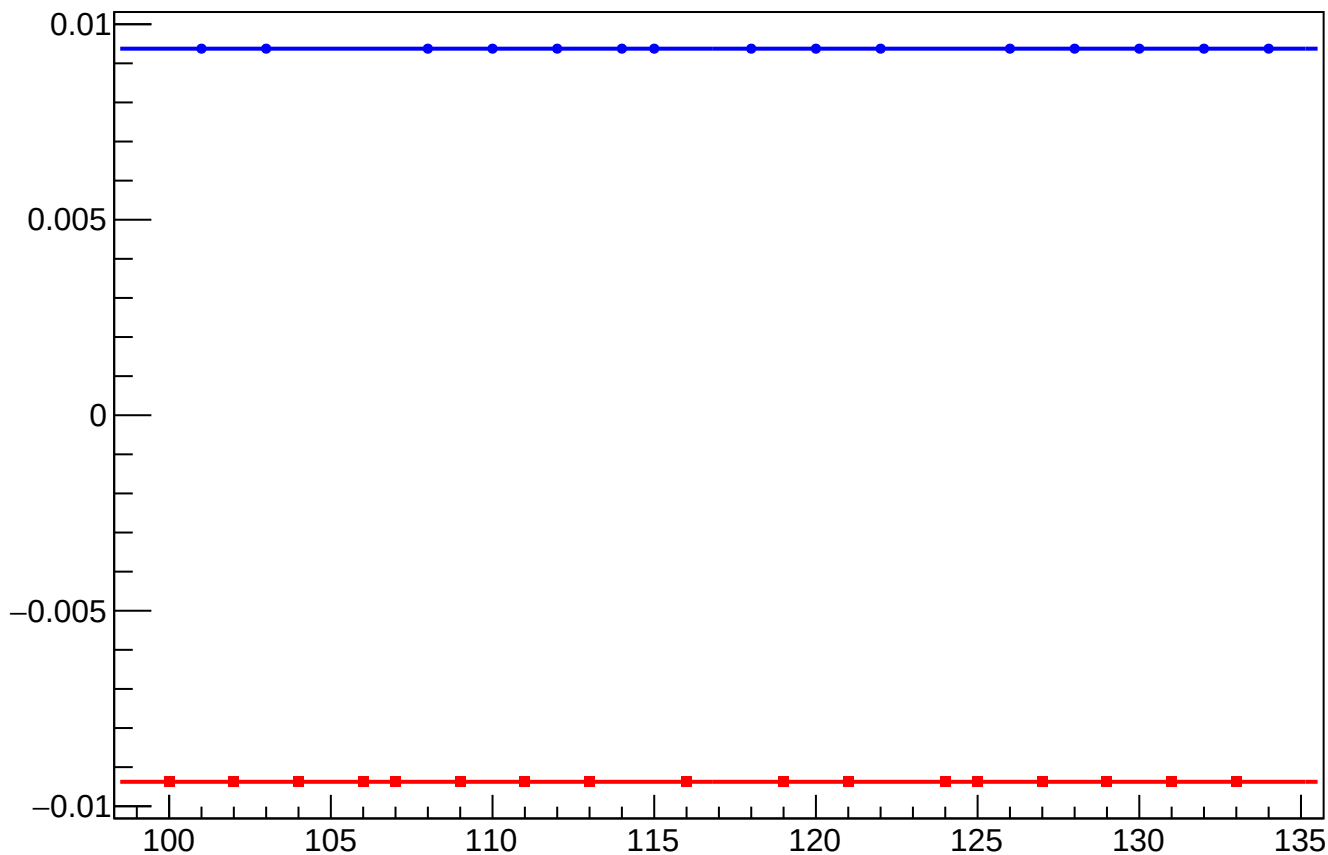
All: -149.583 +/- 0.000 χ^2/NDF : 15547348474362

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1044.156+/-0.000 χ^2/NDF : 22736386981720985029593848713123463168.0/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.279+/-0.000 χ^2/NDF : 45694139294950760497228760989638328320.0/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -508.445+/-0.000 χ^2/NDF : 43178343375720

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

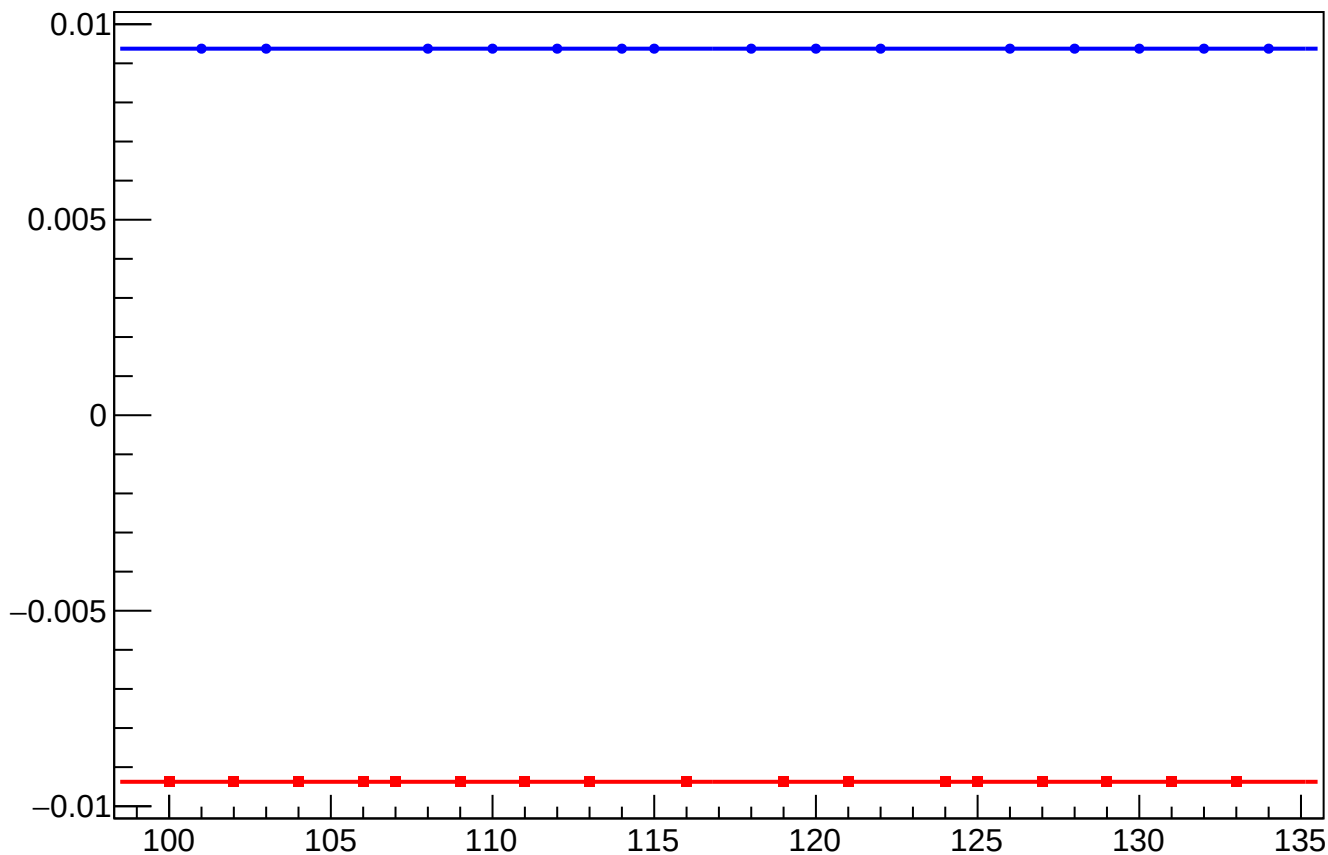
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1176787255130596

In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 1176787255130

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.000+/-0.000 χ^2/NDF : 1176787255130596

In: 0.009+/-0.000 χ^2/NDF : 0.0/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1176787255130