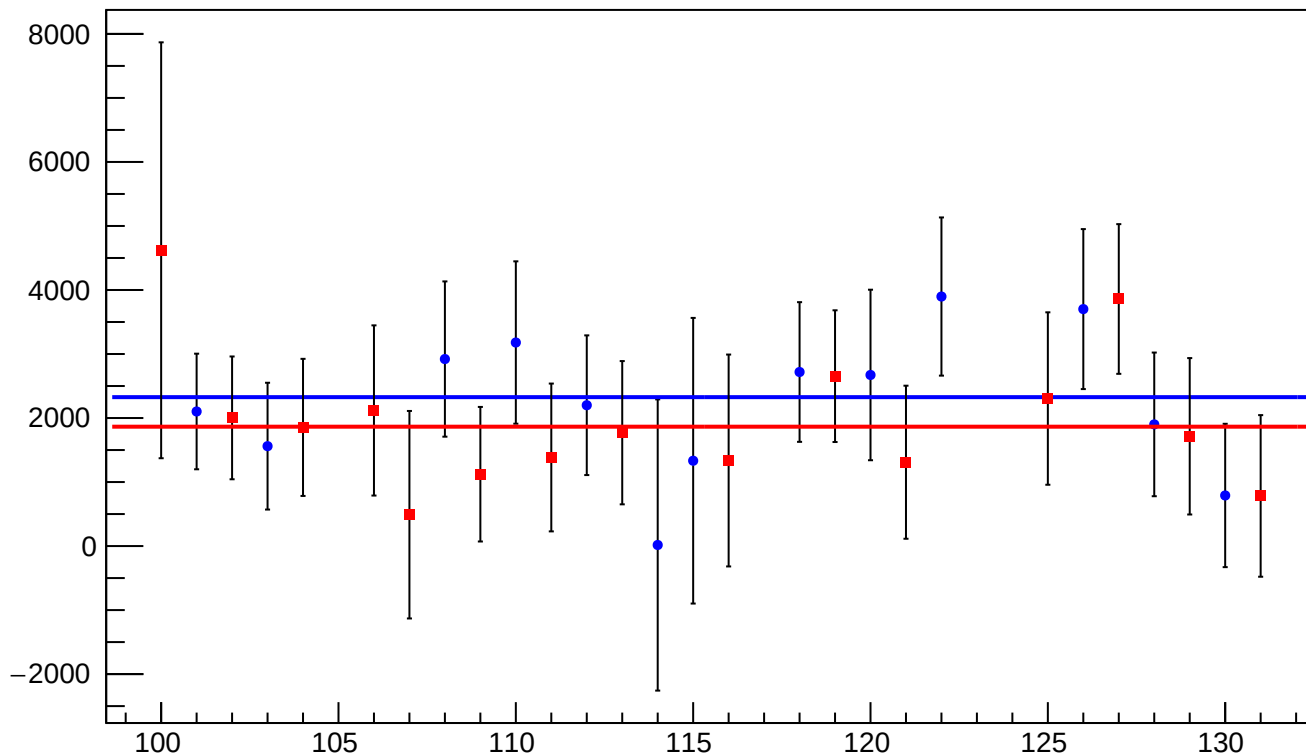


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

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

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

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2083.706+/-228.700

χ^2/NDF : 15.5/27

In: 2326.178+/-331.976

χ^2/NDF : 7.6/12

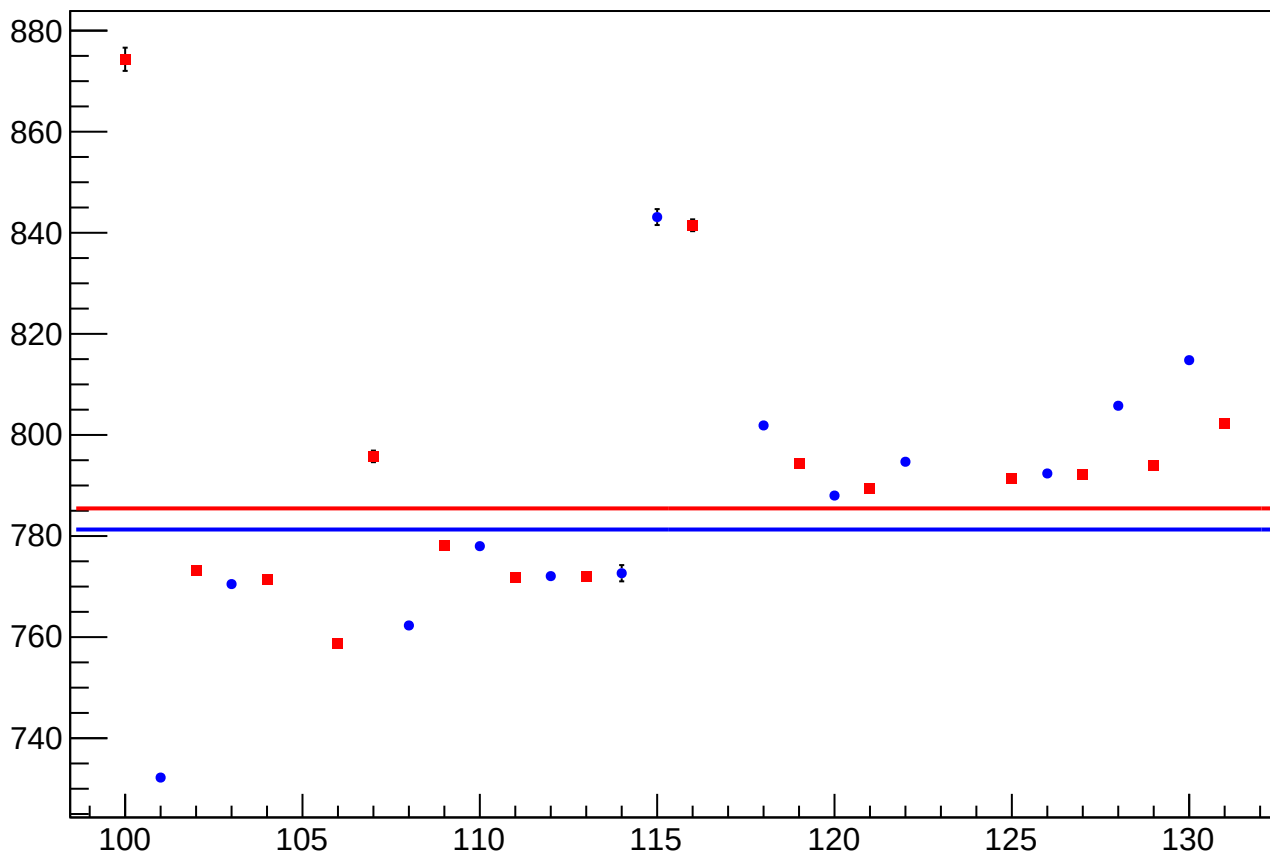
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2083.706+/-228.700

χ^2/NDF : 15.5/27

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

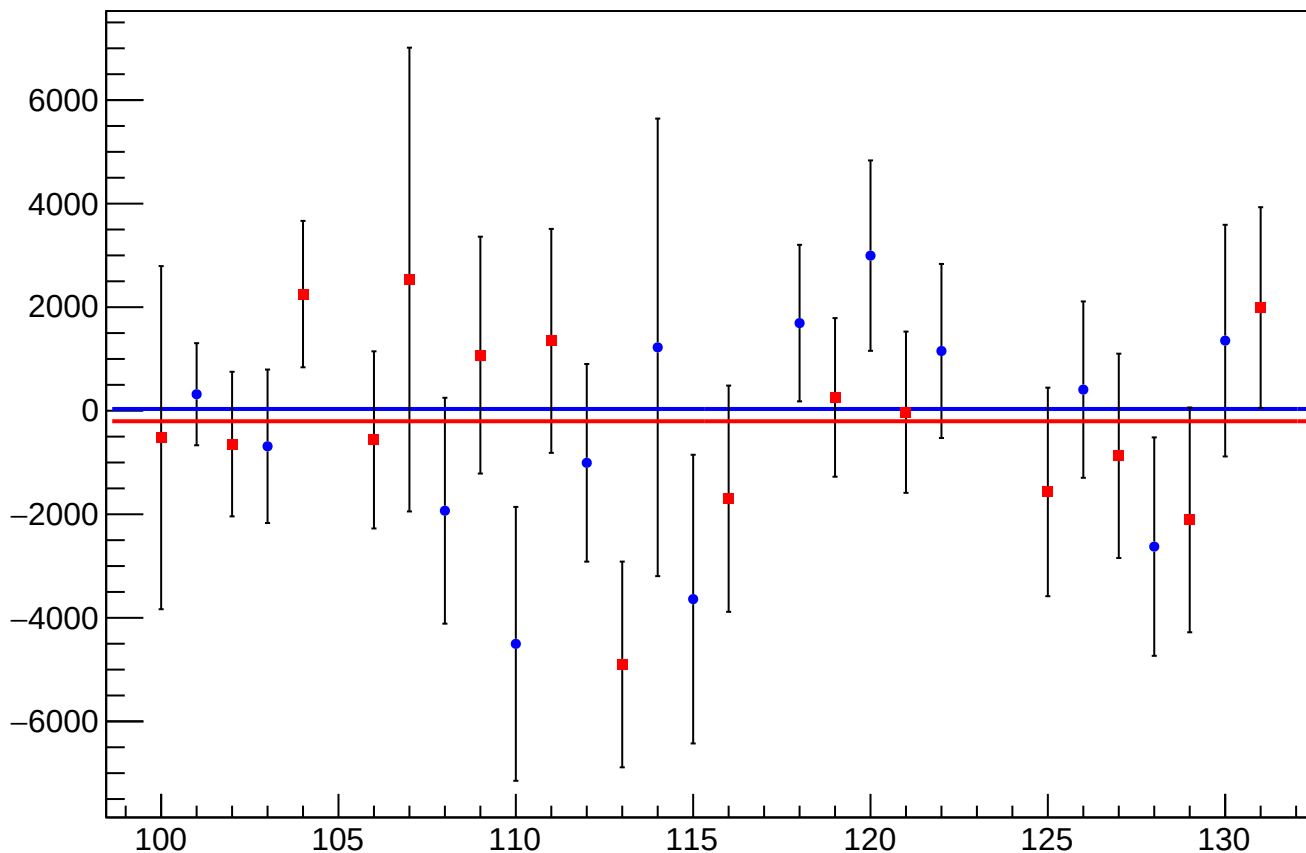
Right: 783.484+/-0.162 χ^2/NDF : 19160.9/27

In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.484+/-0.162 χ^2/NDF : 19160.9/27

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 33.856+/-491.030 χ^2/NDF : 12.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

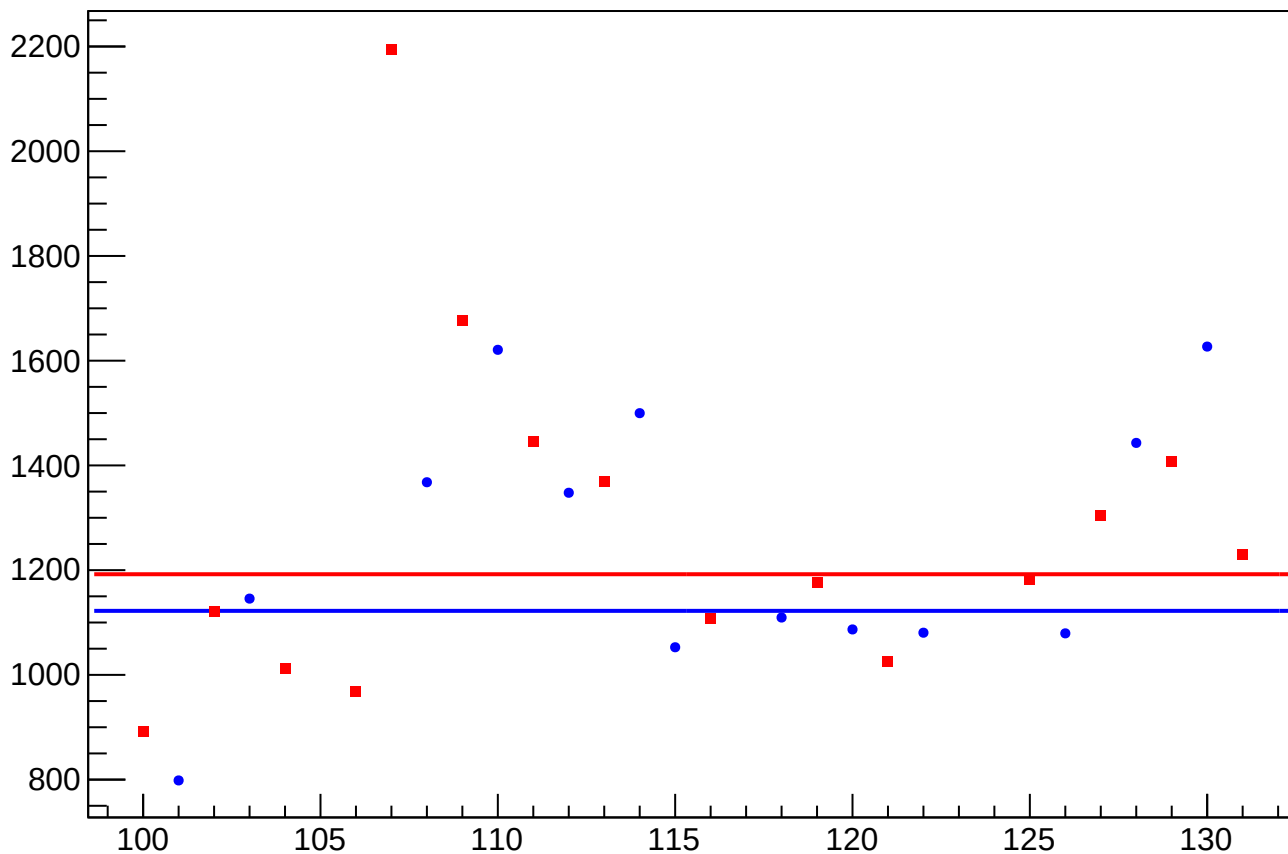
Right: -85.212+/-346.458 χ^2/NDF : 25.7/27

In: 33.856+/-491.030 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.212+/-346.458 χ^2/NDF : 25.7/27

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1122.259+/-0.347 χ^2/NDF : 507804.5/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

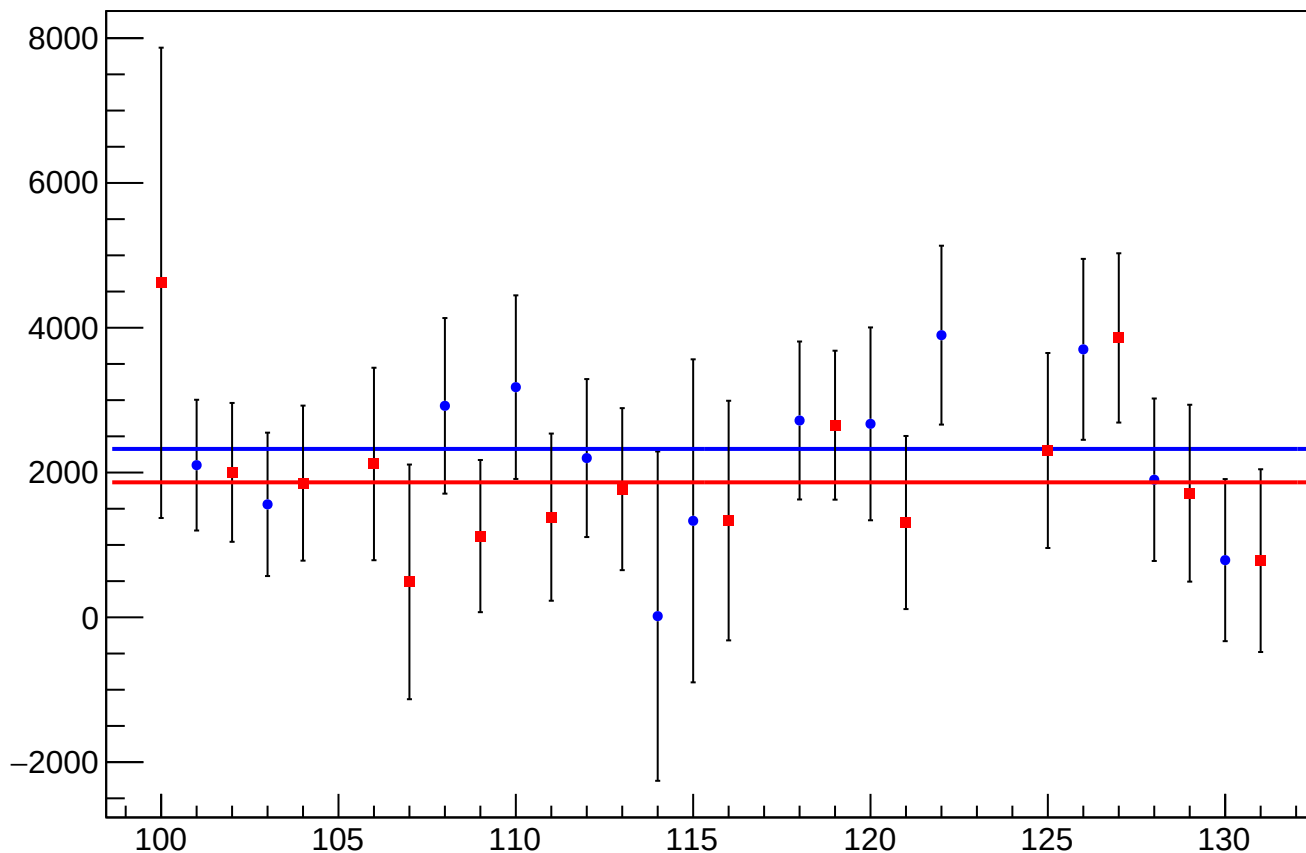
Right: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

In: 1122.259+/-0.347 χ^2/NDF :507804.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

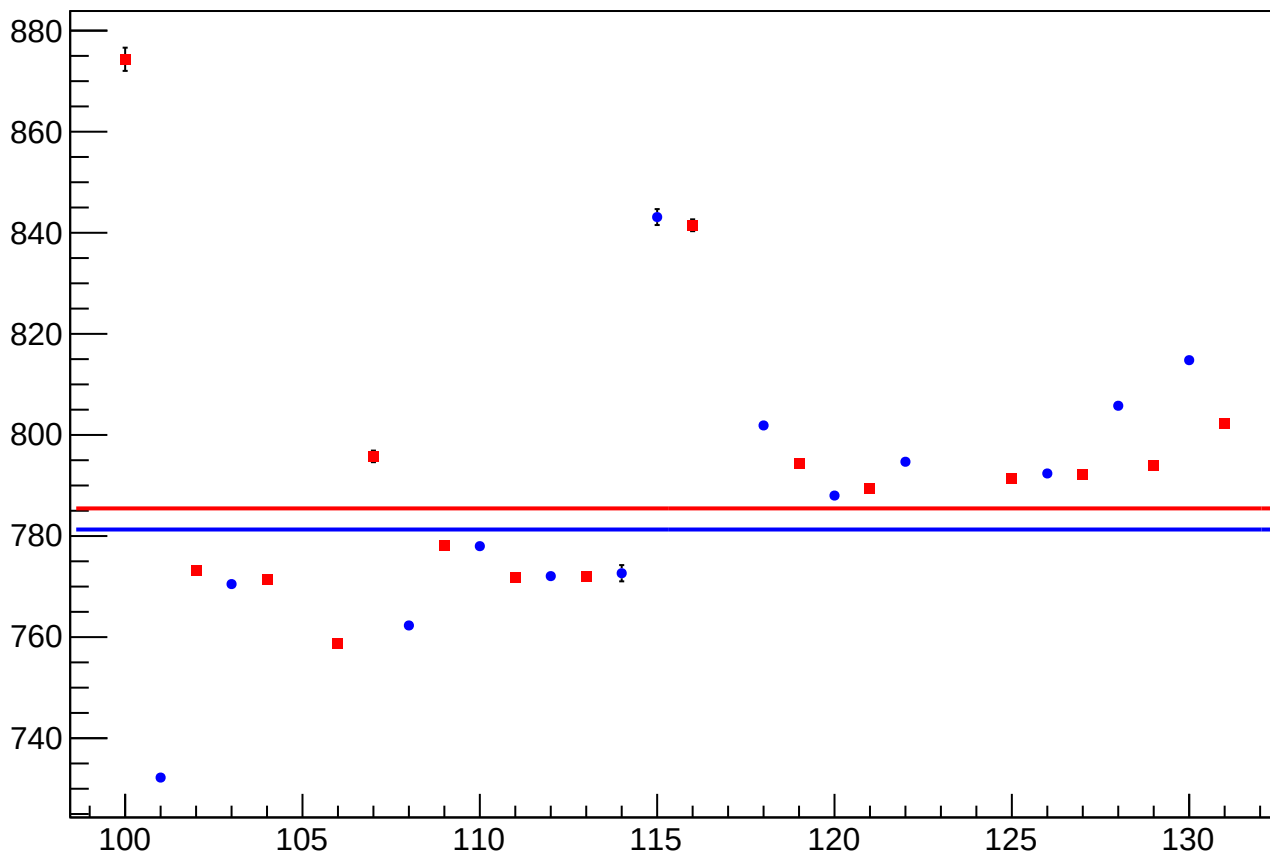
Right: 2083.706+/-228.700 χ^2/NDF : 15.5/27

In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.706+/-228.700 χ^2/NDF : 15.5/27

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

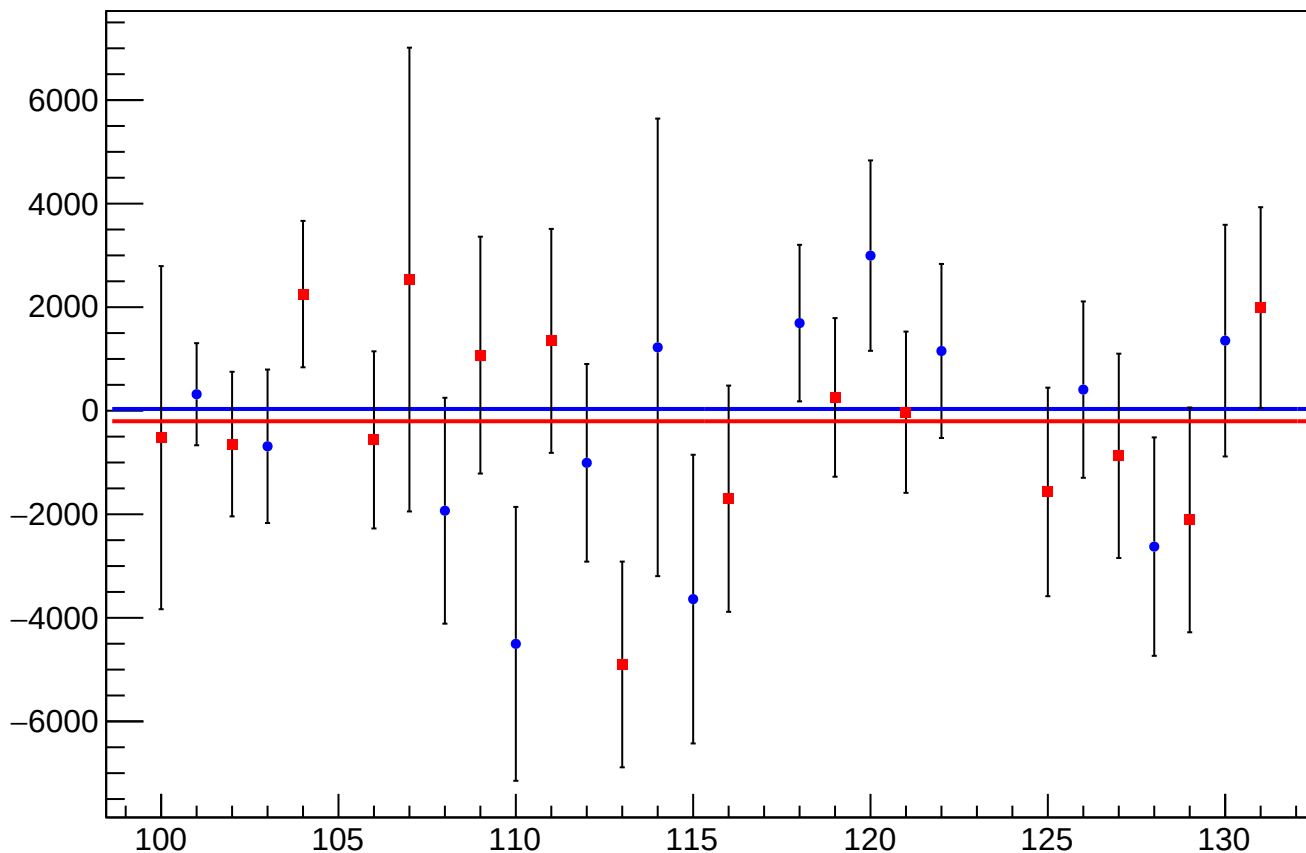
Right: 783.484+/-0.162 χ^2/NDF : 19160.9/27

In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.484+/-0.162 χ^2/NDF : 19160.9/27

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.856+/-491.030 χ^2/NDF : 12.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

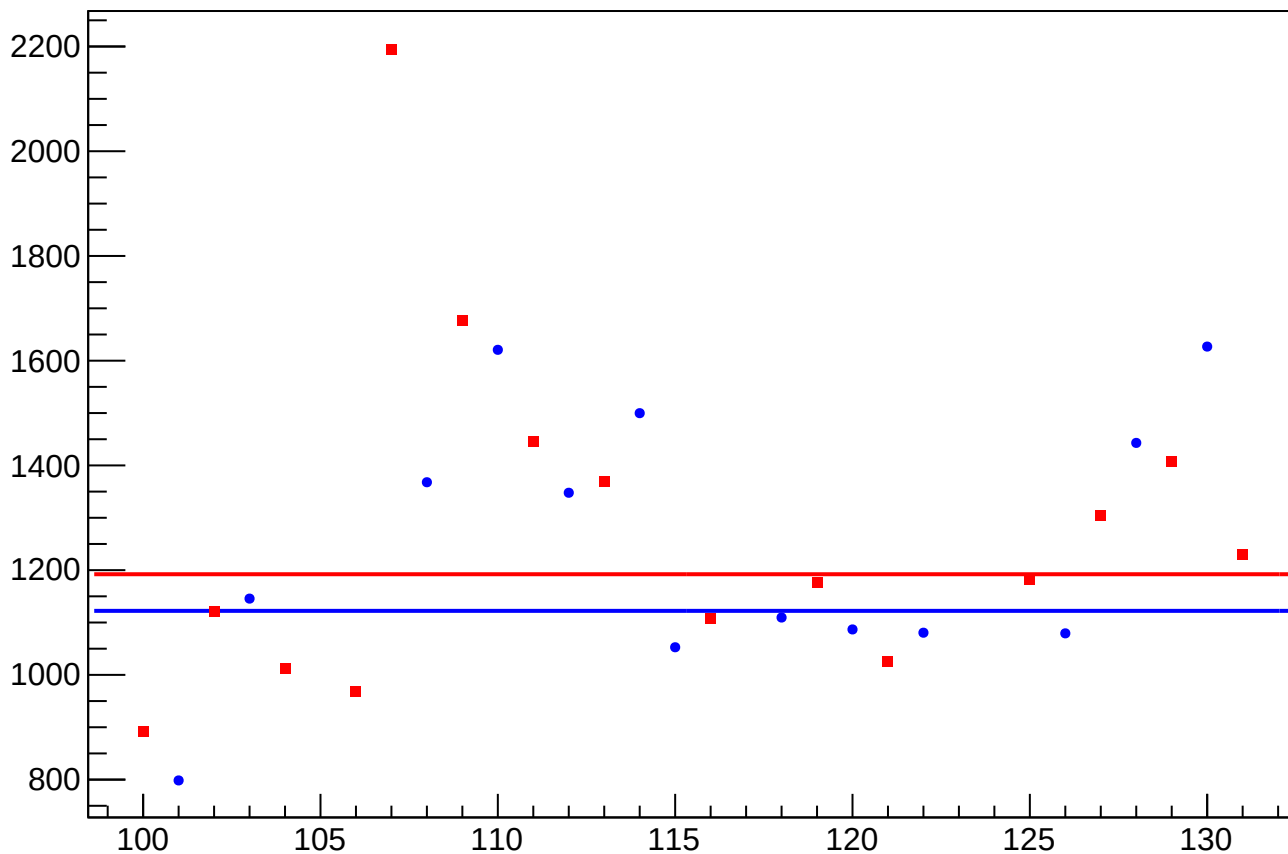
Right: -85.212+/-346.458 χ^2/NDF : 25.7/27

In: 33.856+/-491.030 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.212+/-346.458 χ^2/NDF : 25.7/27

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1122.259+/-0.347 χ^2/NDF : 507804.5/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

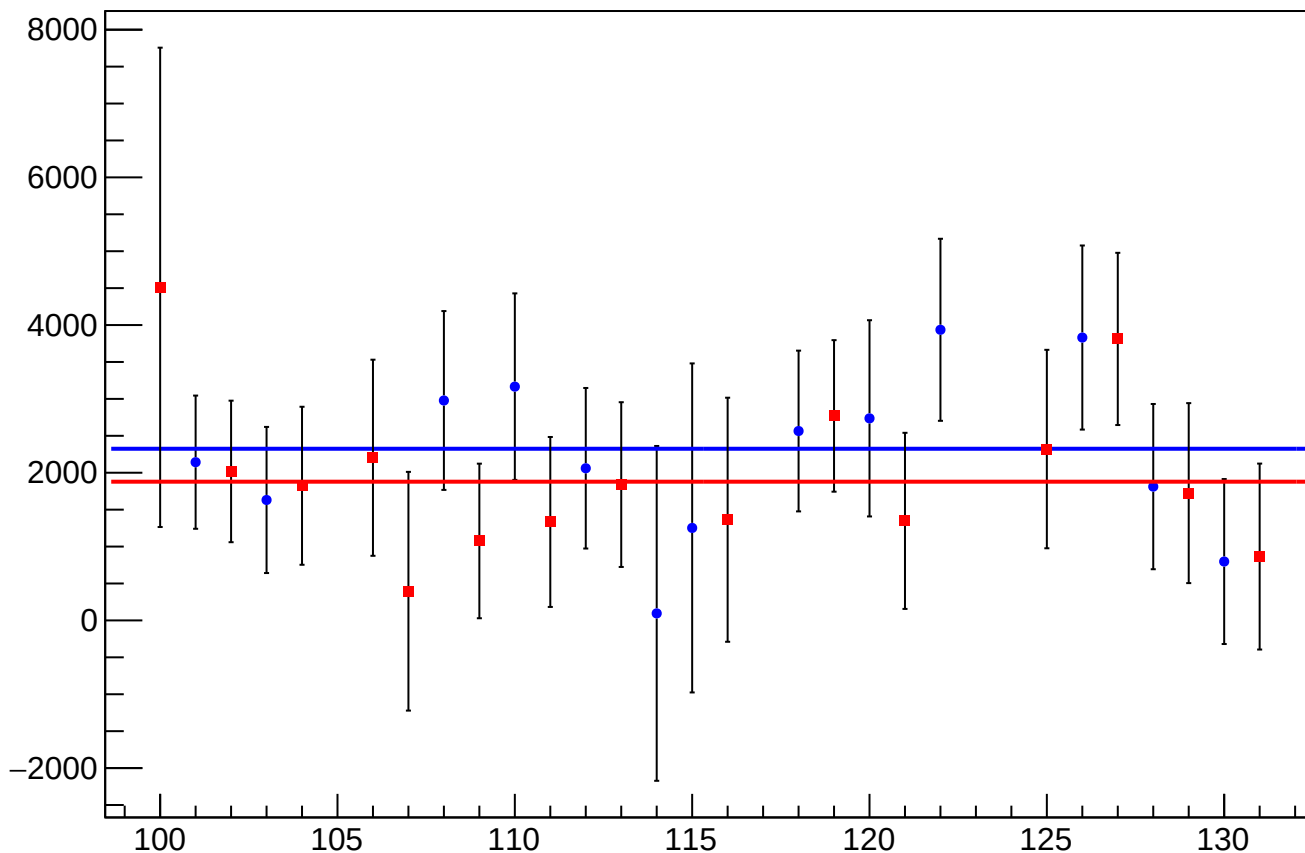
Right: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

In: 1122.259+/-0.347 χ^2/NDF :507804.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2324.694 $\pm$ 331.261 χ^2 /NDF: 7.9/12

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

Right Out: 1878.648 $\pm$ 314.813 χ^2 /NDF: 7.0/14

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

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

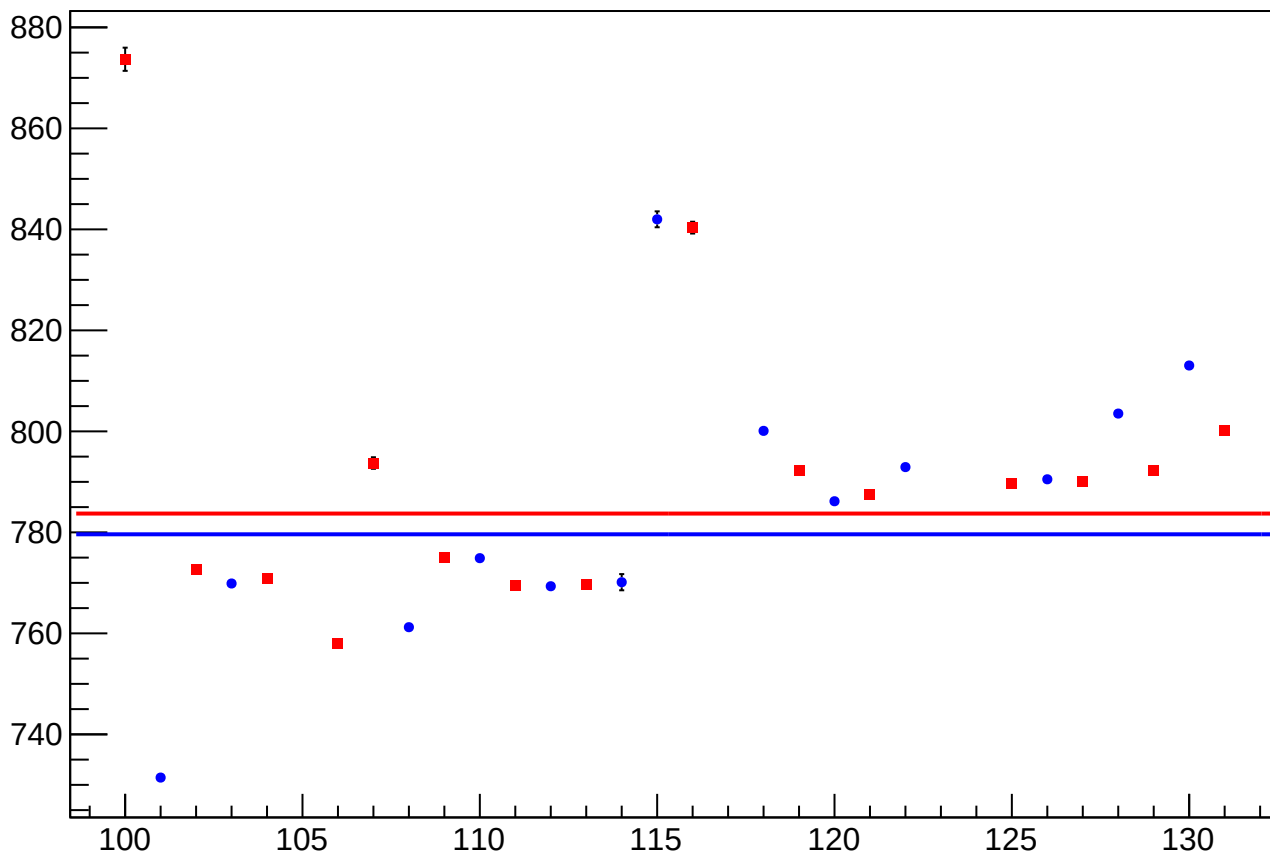
Right: 2090.322 $\pm$ 228.200 χ^2 /NDF: 15.8/27

In: 2324.694 $\pm$ 331.261 χ^2 /NDF:7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2090.322 $\pm$ 228.200 χ^2 /NDF: 15.8/27

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 779.617 $\pm$ 0.234 χ^2 /NDF: 12015.2/12

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

Right Out: 783.724 $\pm$ 0.223 χ^2 /NDF: 6725.1/14

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

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

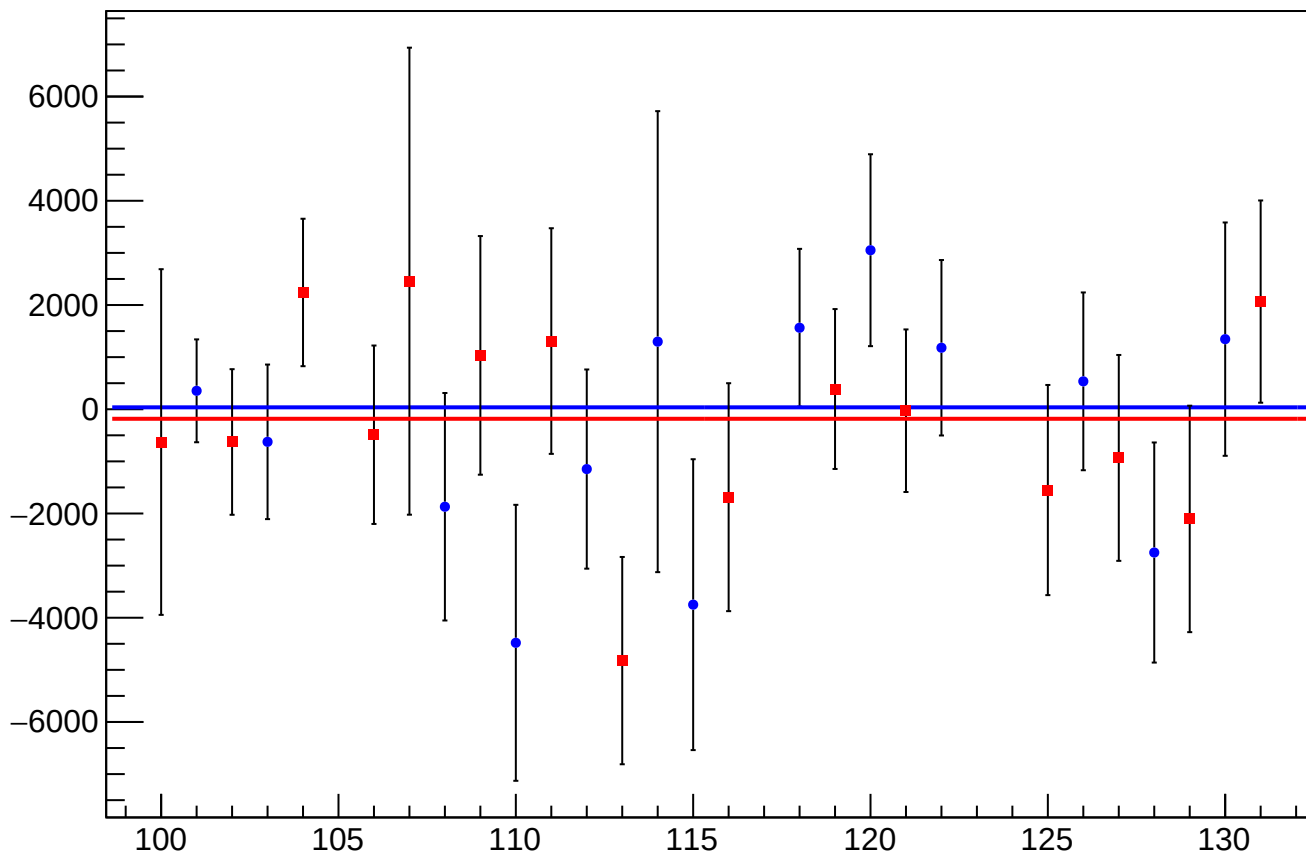
Right: 781.775 $\pm$ 0.161 χ^2 /NDF: 18901.8/27

In: 779.617 $\pm$ 0.234 χ^2 /NDF:12015.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 781.775 $\pm$ 0.161 χ^2 /NDF: 18901.8/27

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 36.941+/-491.485 χ^2/NDF : 12.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

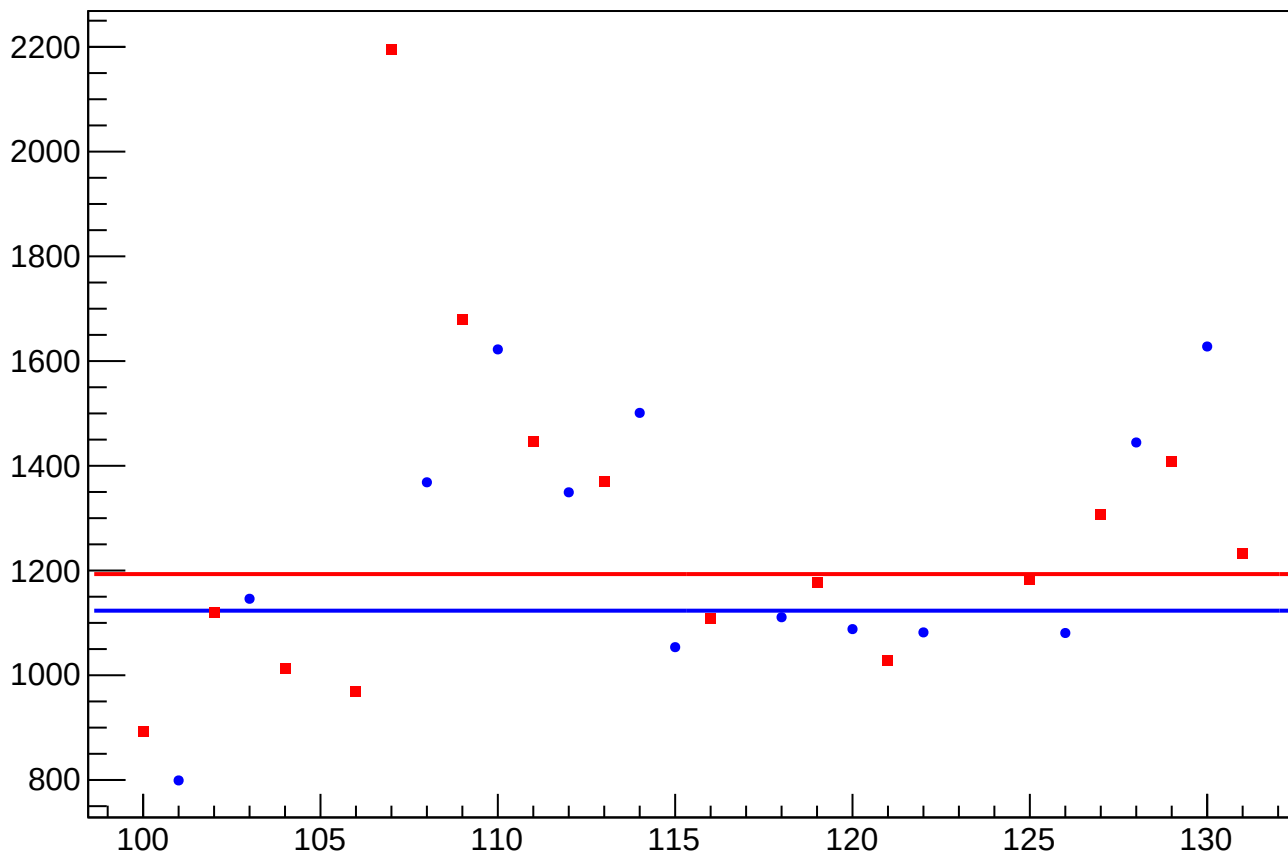
Right: -73.376+/-346.763 χ^2/NDF : 25.7/27

In: 36.941+/-491.485 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.376+/-346.763 χ^2/NDF : 25.7/27

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1123.325+/-0.348 χ^2/NDF : 507598.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

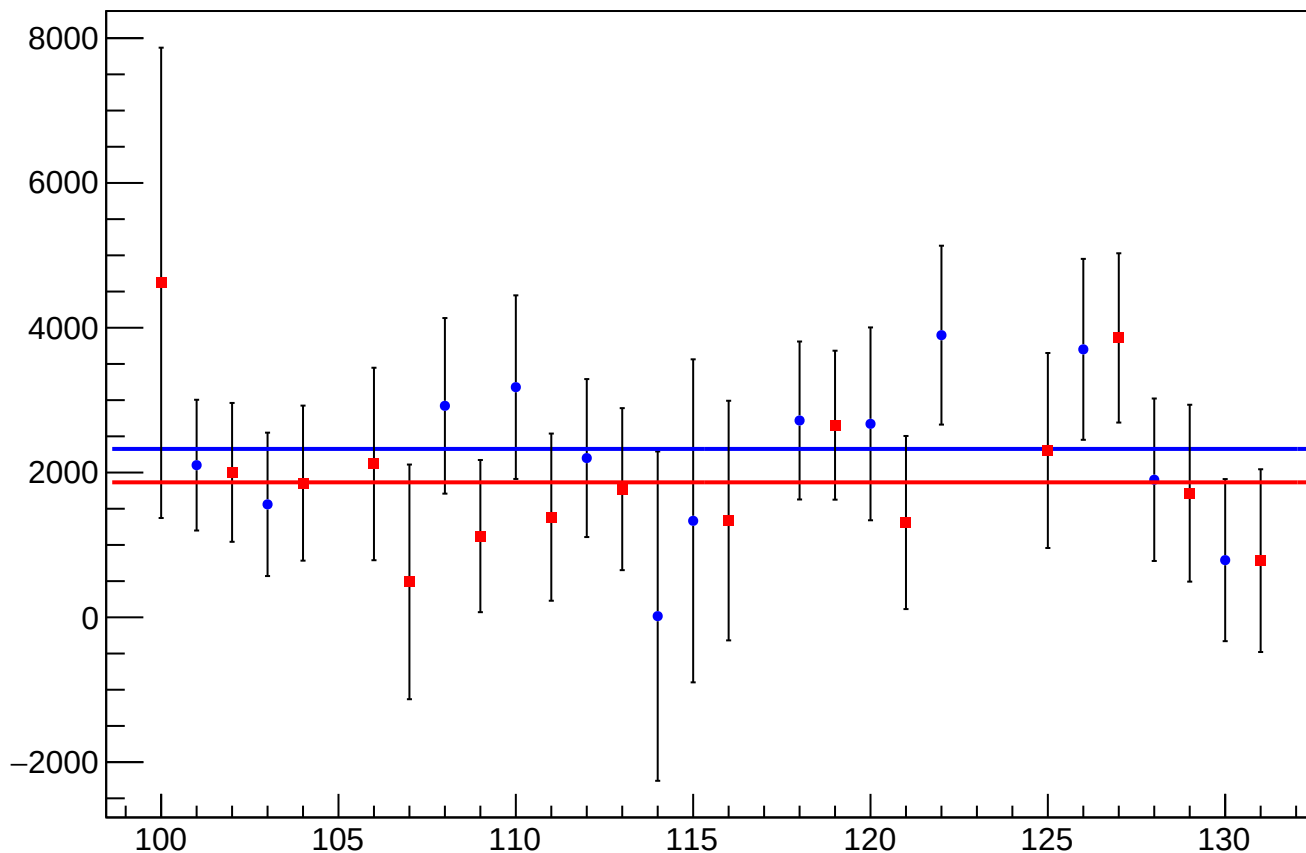
Right: 1158.420+/-0.245 χ^2/NDF : 902682.4/27

In: 1123.325+/-0.348 χ^2/NDF : 507598.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.420+/-0.245 χ^2/NDF : 902682.4/27

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

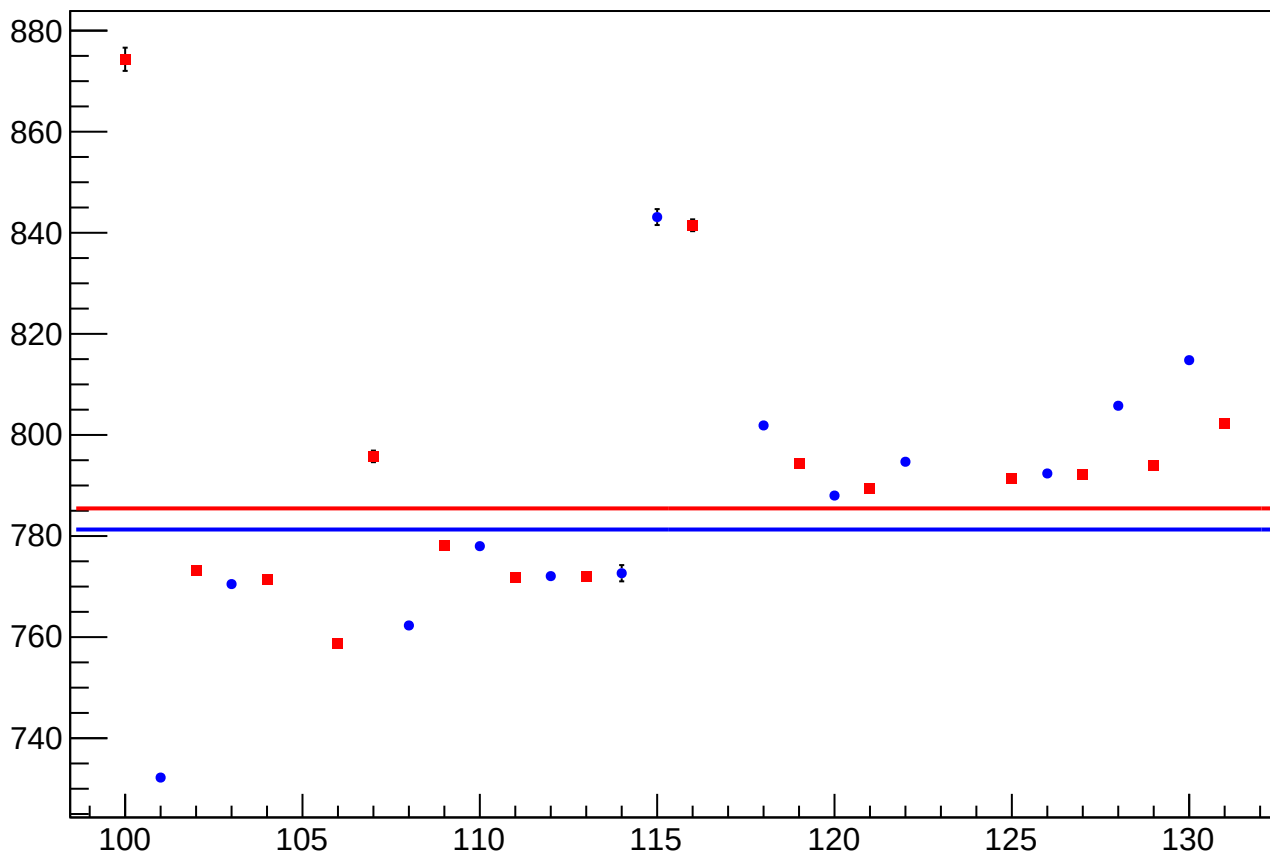
Right: 2083.706+/-228.700 χ^2/NDF : 15.5/27

In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.706+/-228.700 χ^2/NDF : 15.5/27

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

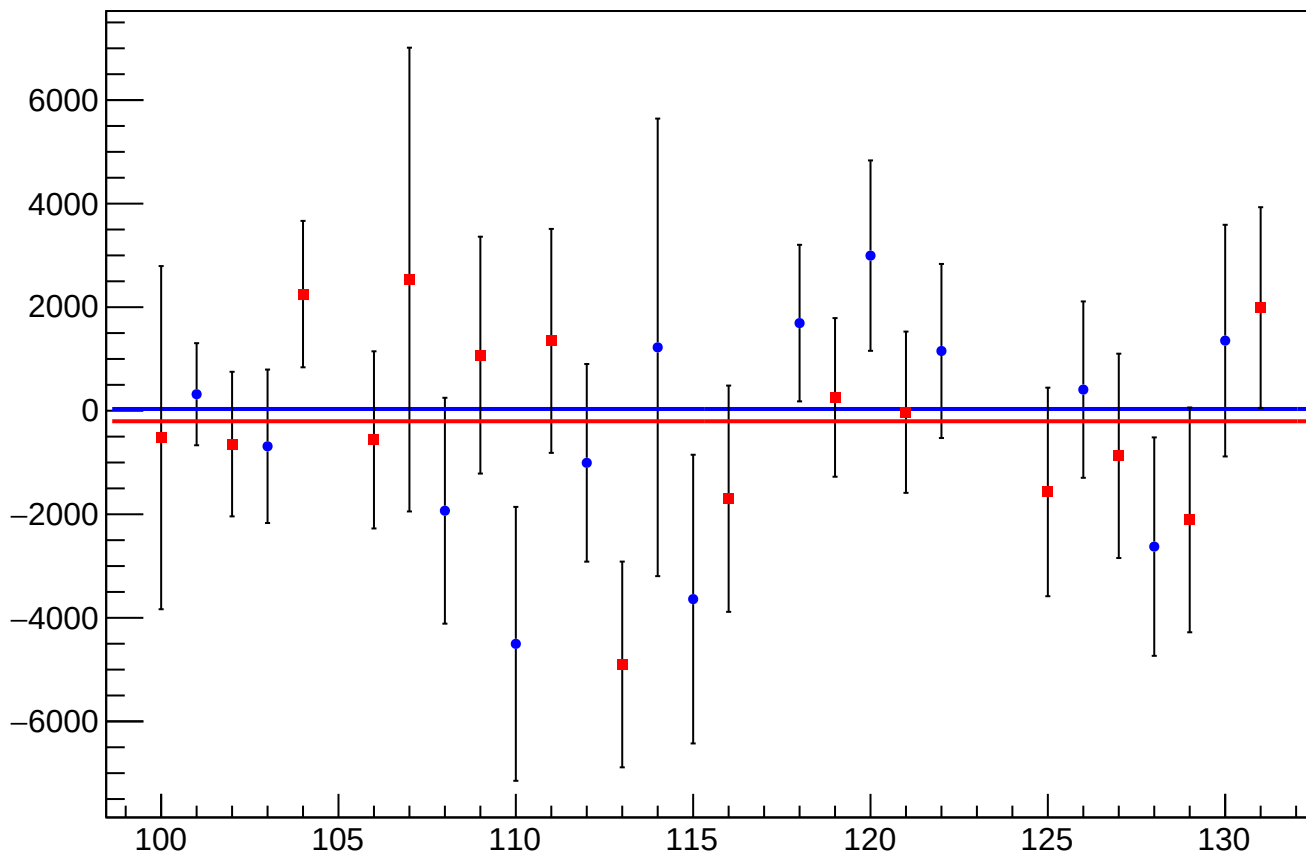
Right: 783.484+/-0.162 χ^2/NDF : 19160.9/27

In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.484+/-0.162 χ^2/NDF : 19160.9/27

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 33.856+/-491.030 χ^2/NDF : 12.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

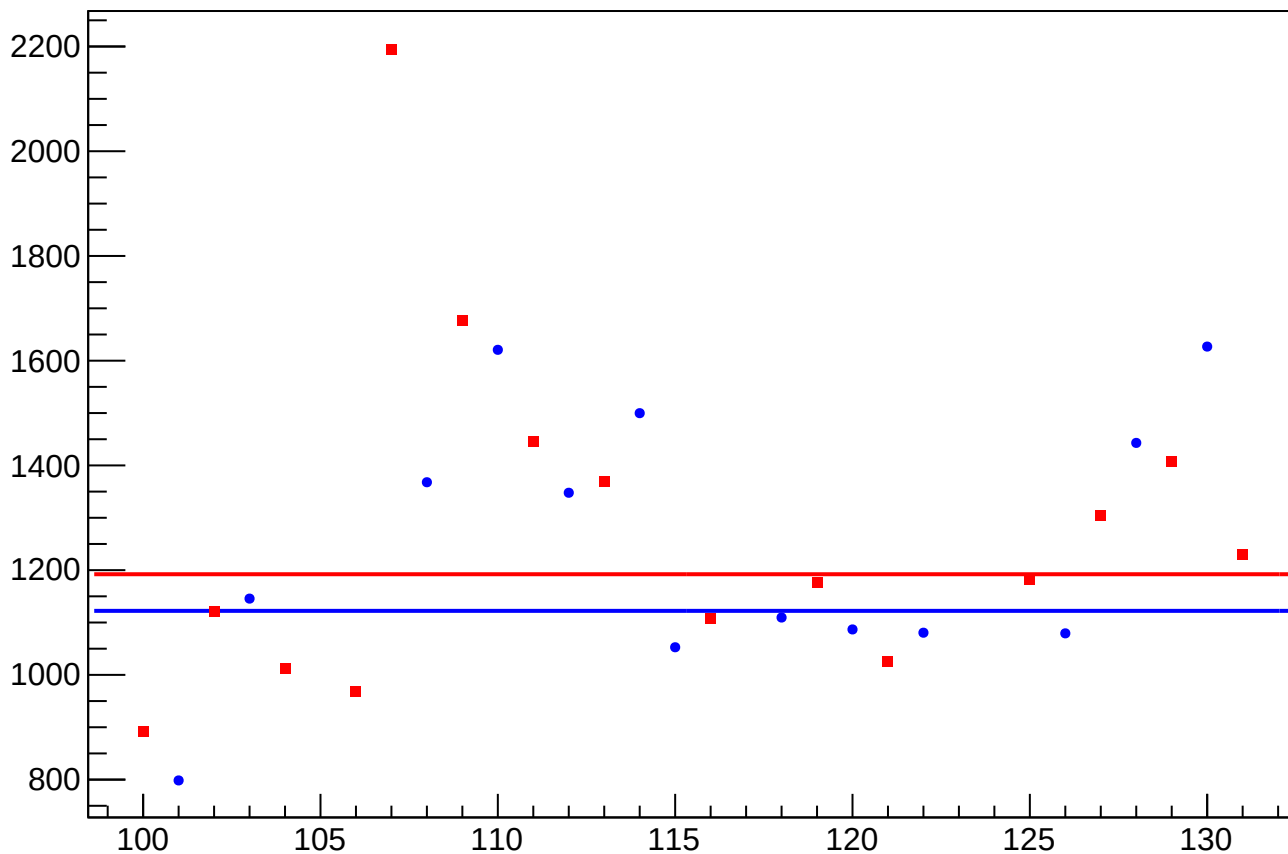
Right: -85.212+/-346.458 χ^2/NDF : 25.7/27

In: 33.856+/-491.030 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.212+/-346.458 χ^2/NDF : 25.7/27

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1122.259+/-0.347 χ^2/NDF : 507804.5/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

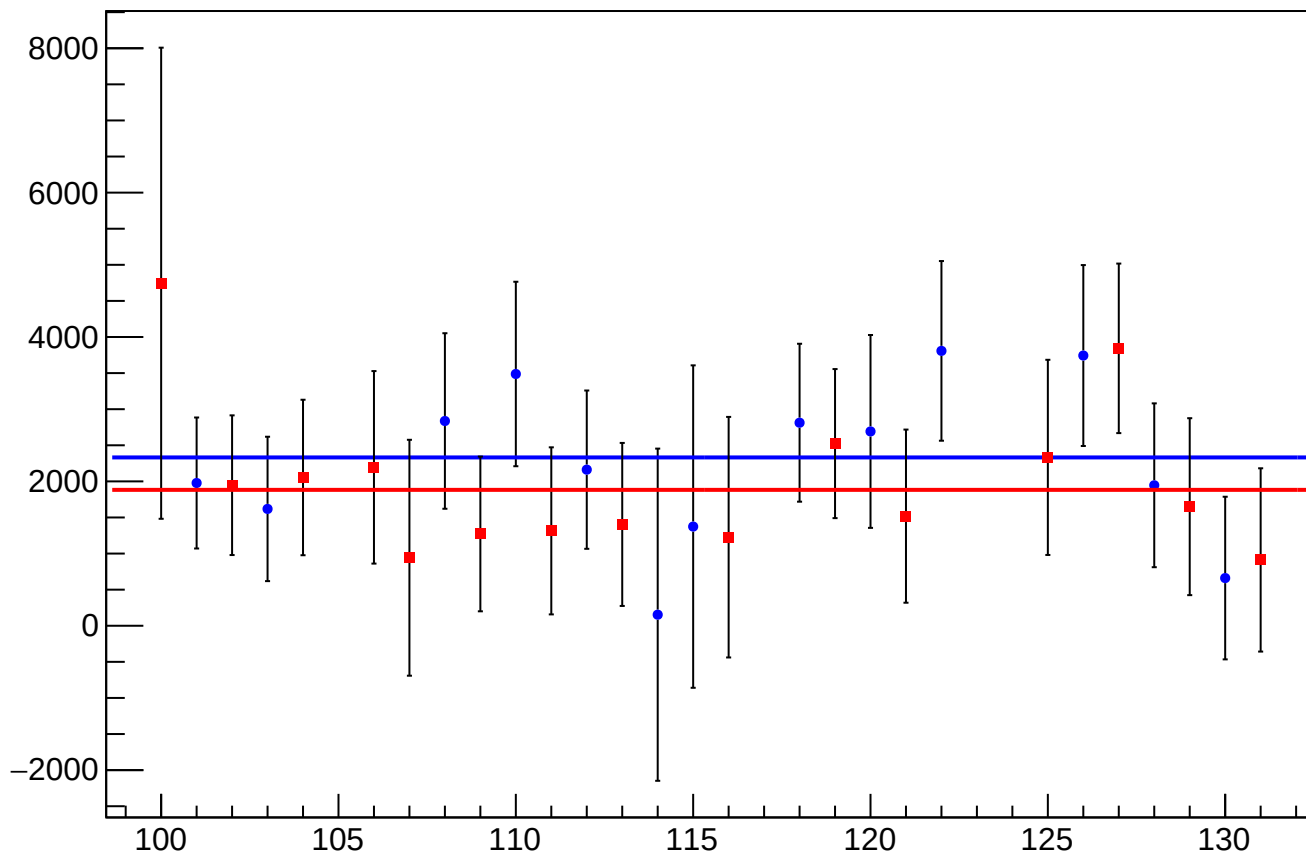
Right: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

In: 1122.259+/-0.347 χ^2/NDF :507804.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2331.789+/-333.935 χ^2/NDF : 8.0/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

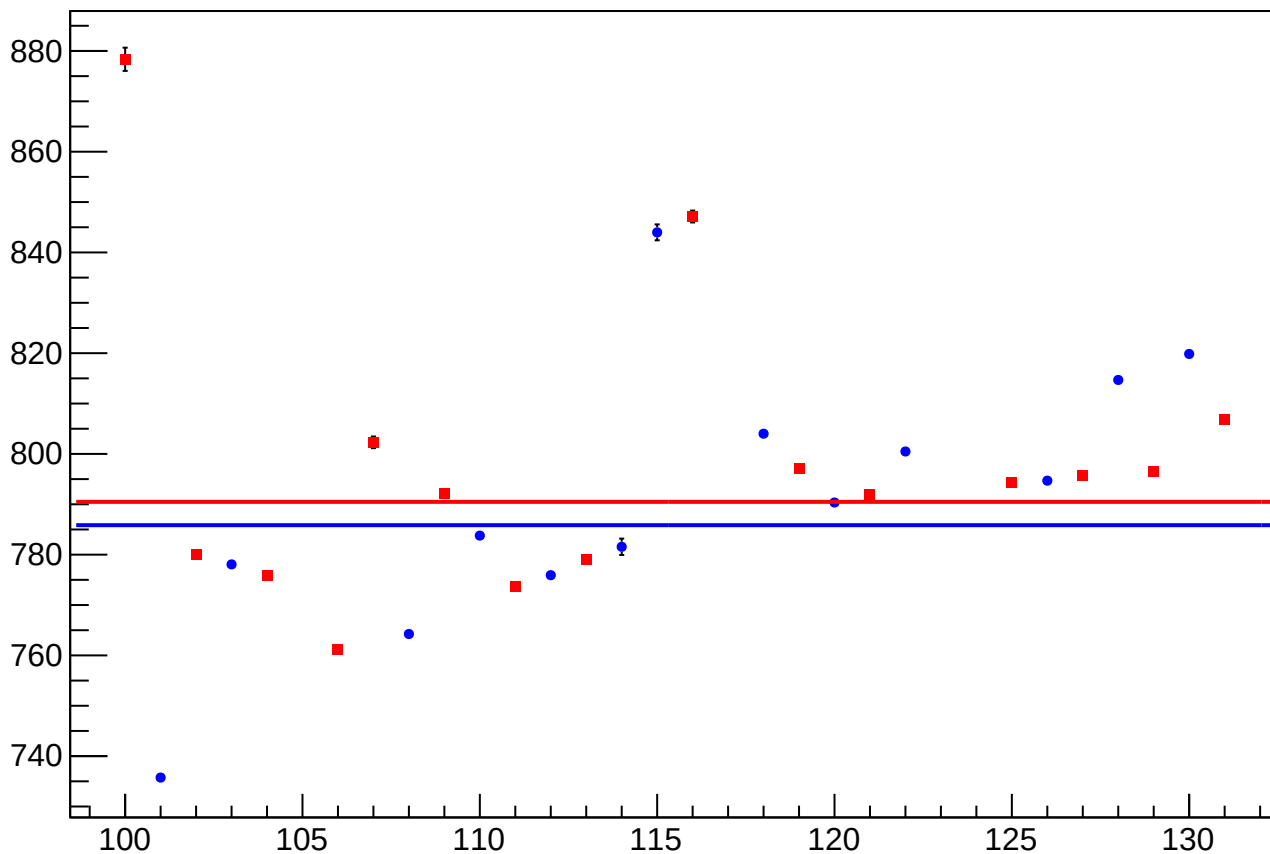
Right: 2095.853+/-230.125 χ^2/NDF : 15.0/27

In: 2331.789+/-333.935 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.853+/-230.125 χ^2/NDF : 15.0/27

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.853+/-0.236 χ^2/NDF : 12445.3/12

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

Right Out: 790.485+/-0.225 χ^2/NDF : 6584.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

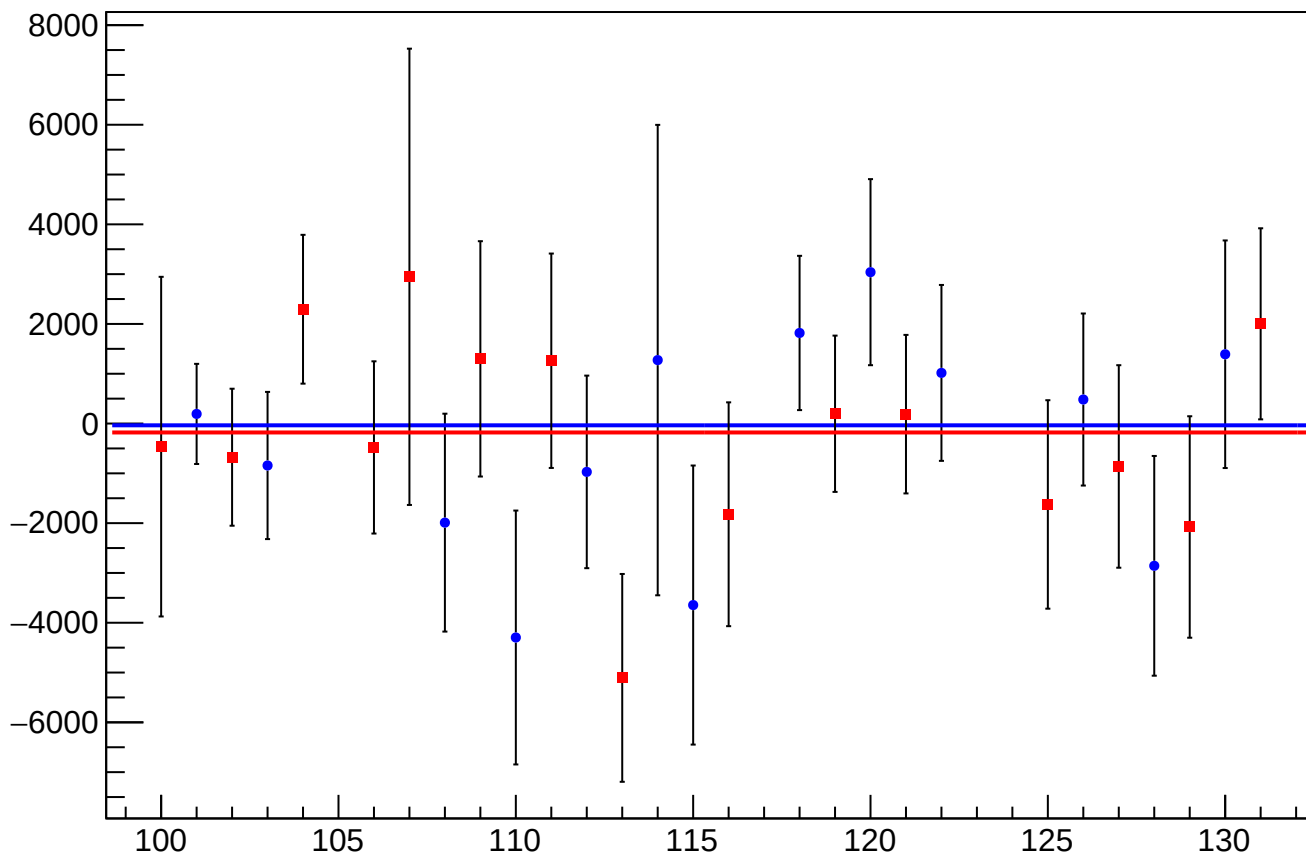
Right: 788.286+/-0.163 χ^2/NDF : 19231.7/27

In: 785.853+/-0.236 χ^2/NDF : 12445.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.286+/-0.163 χ^2/NDF : 19231.7/27

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -35.523 ± 499.648 χ^2/NDF : 12.5/12

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

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

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

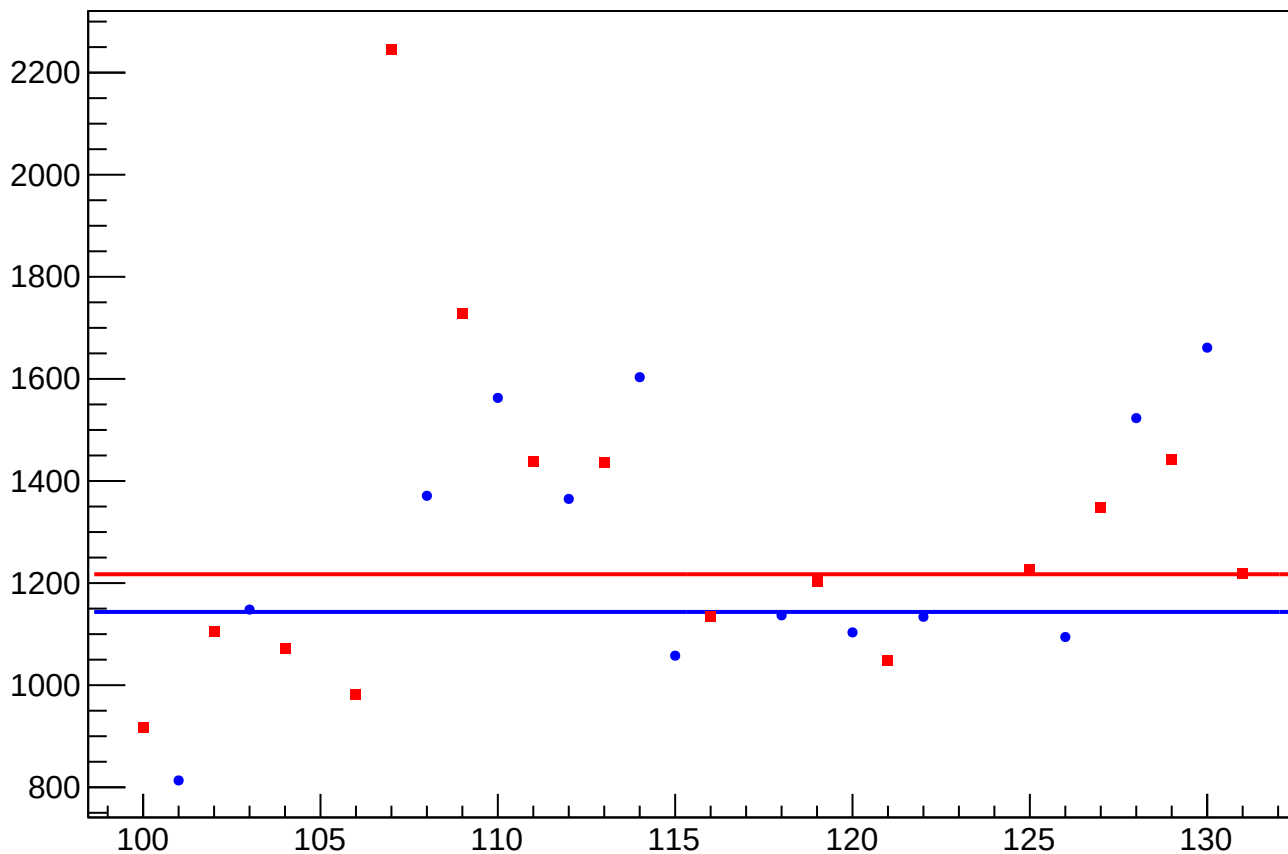
Right: -107.424 ± 353.156 χ^2/NDF : 25.6/27

In: -35.523 ± 499.648 χ^2/NDF : 12.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.424 ± 353.156 χ^2/NDF : 25.6/27

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1143.493+/-0.353 χ^2/NDF : 502912.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

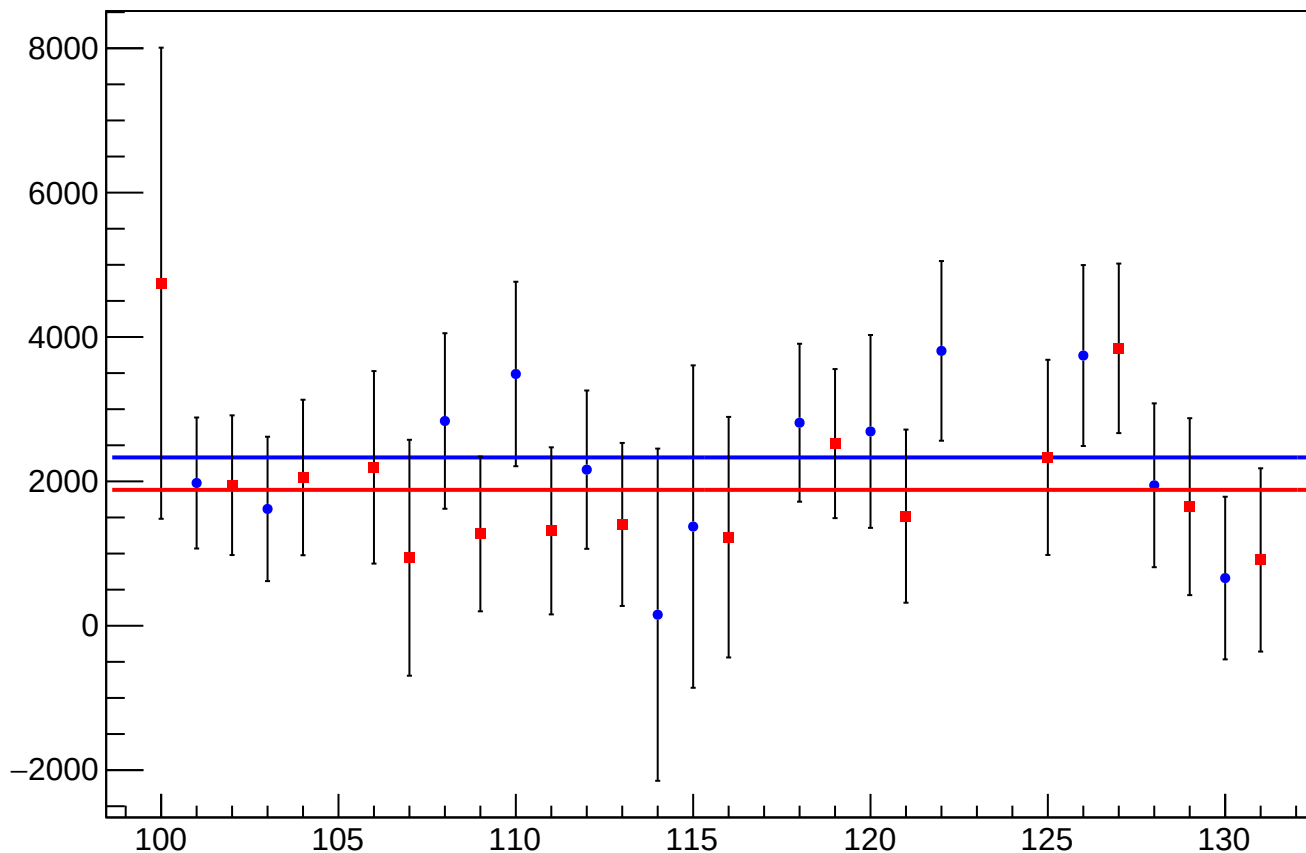
Right: 1180.445+/-0.250 χ^2/NDF : 901139.1/27

In: 1143.493+/-0.353 χ^2/NDF : 502912.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.445+/-0.250 χ^2/NDF : 901139.1/27

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2331.791+/-333.935 χ^2/NDF : 8.0/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

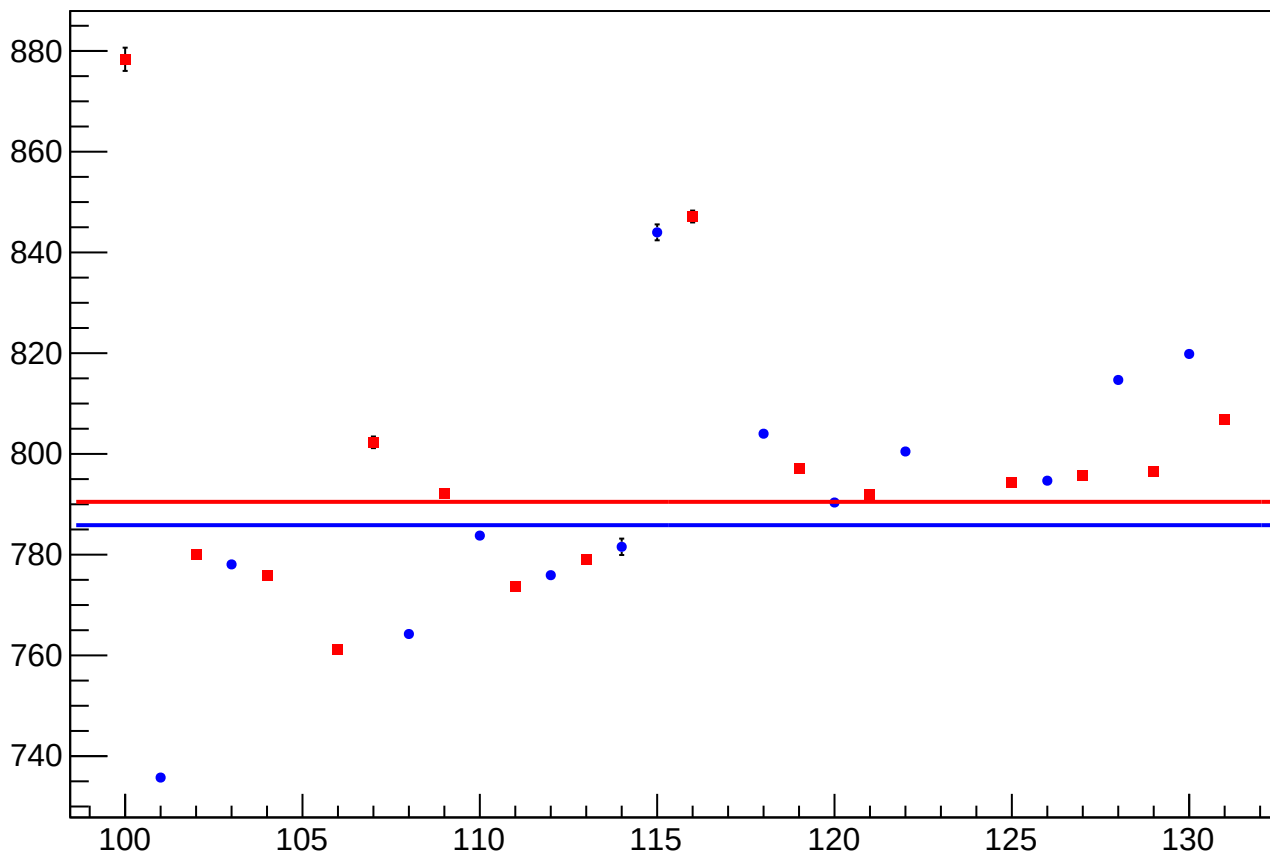
Right: 2095.853+/-230.125 χ^2/NDF : 15.0/27

In: 2331.791+/-333.935 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.853+/-230.125 χ^2/NDF : 15.0/27

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.853+/-0.236 χ^2/NDF : 12445.2/12

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

Right Out: 790.485+/-0.225 χ^2/NDF : 6584.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

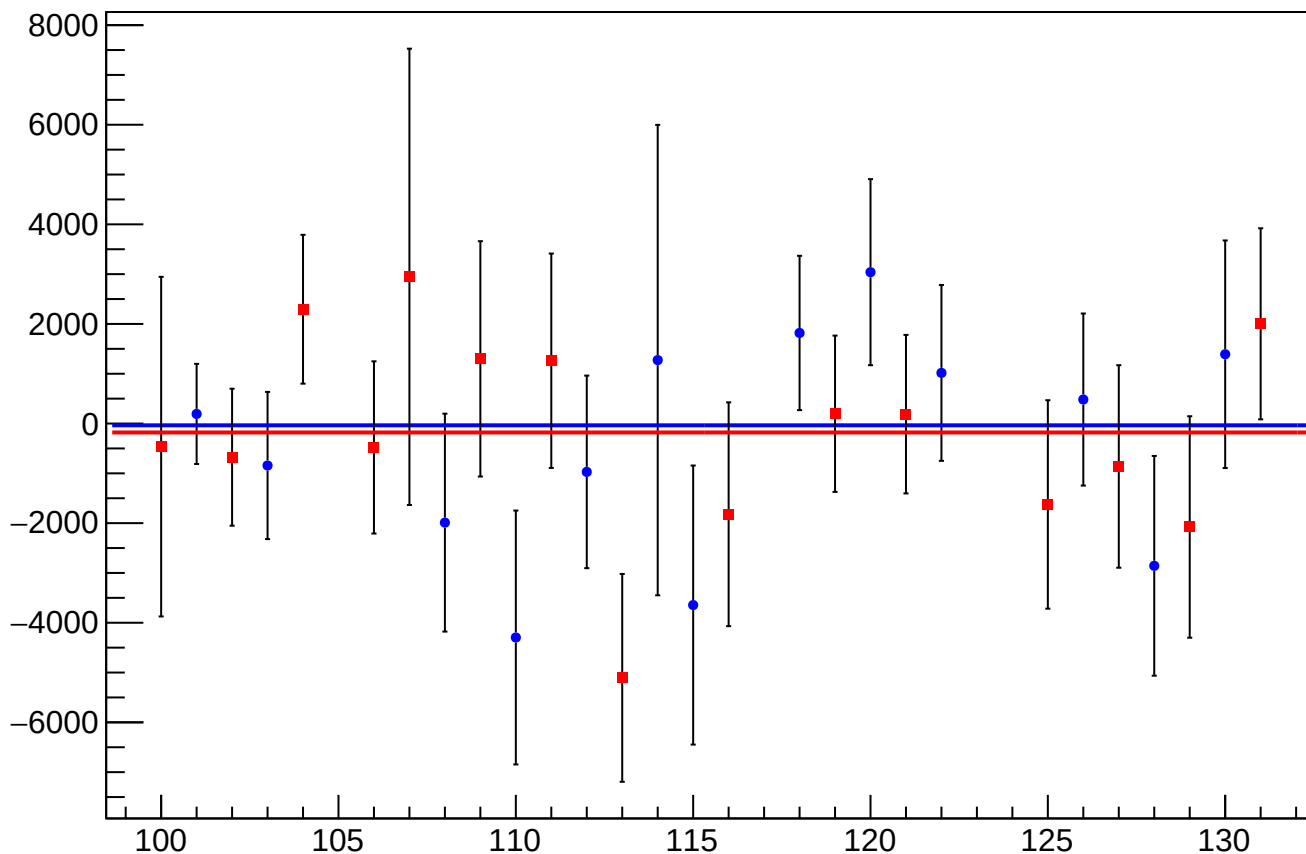
Right: 788.285+/-0.163 χ^2/NDF : 19231.6/27

In: 785.853+/-0.236 χ^2/NDF : 12445.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.285+/-0.163 χ^2/NDF : 19231.6/27

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -35.521 ± 499.646 χ^2/NDF : 12.5/12

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

Right Out: -179.204 ± 499.228 χ^2/NDF : 13.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

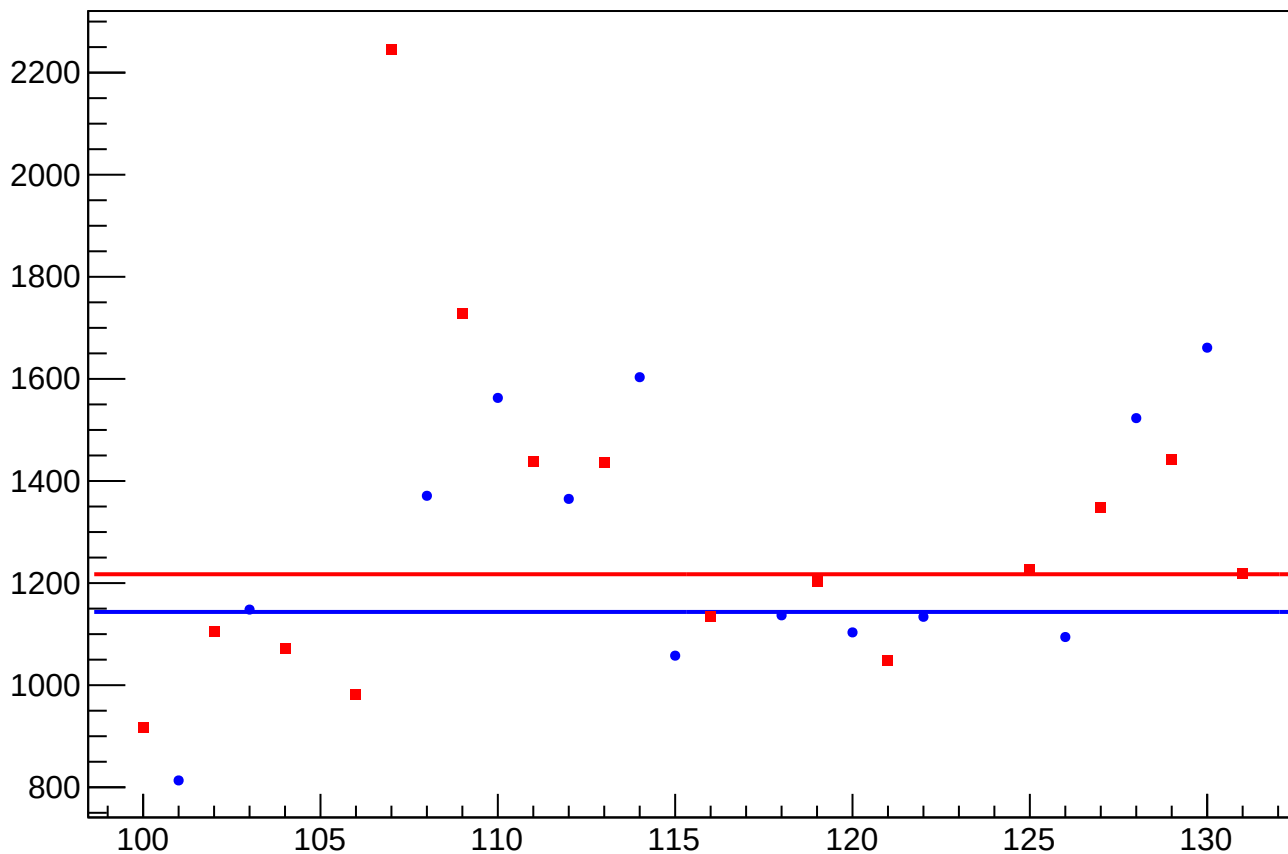
Right: -107.423 ± 353.155 χ^2/NDF : 25.6/27

In: -35.521 ± 499.646 χ^2/NDF : 12.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.423 ± 353.155 χ^2/NDF : 25.6/27

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1143.490+/-0.353 χ^2/NDF : 502907.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

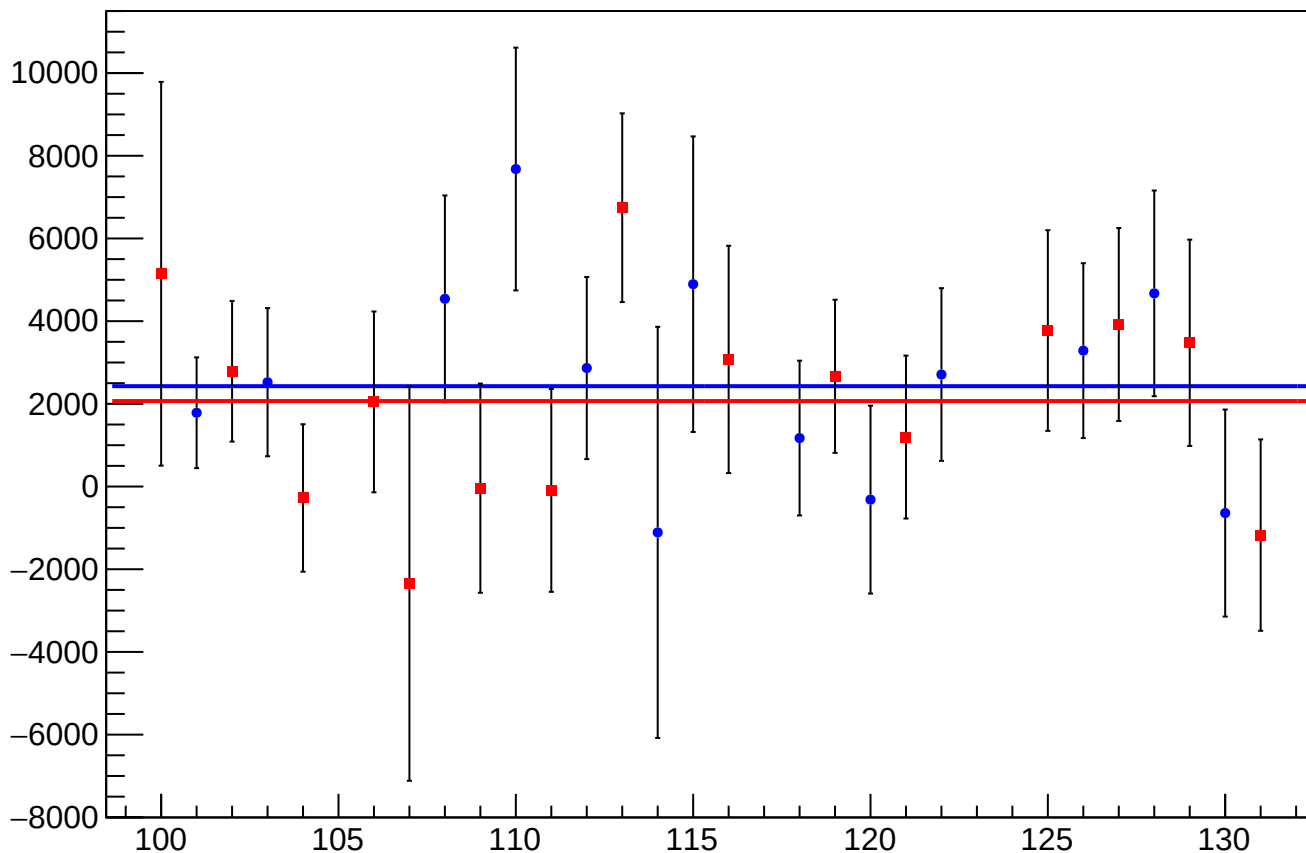
Right: 1180.441+/-0.250 χ^2/NDF : 901132.2/27

In: 1143.490+/-0.353 χ^2/NDF : 502907.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.441+/-0.250 χ^2/NDF : 901132.2/27

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

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

Right Out: 2067.507+/-591.671 χ^2/NDF : 12.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

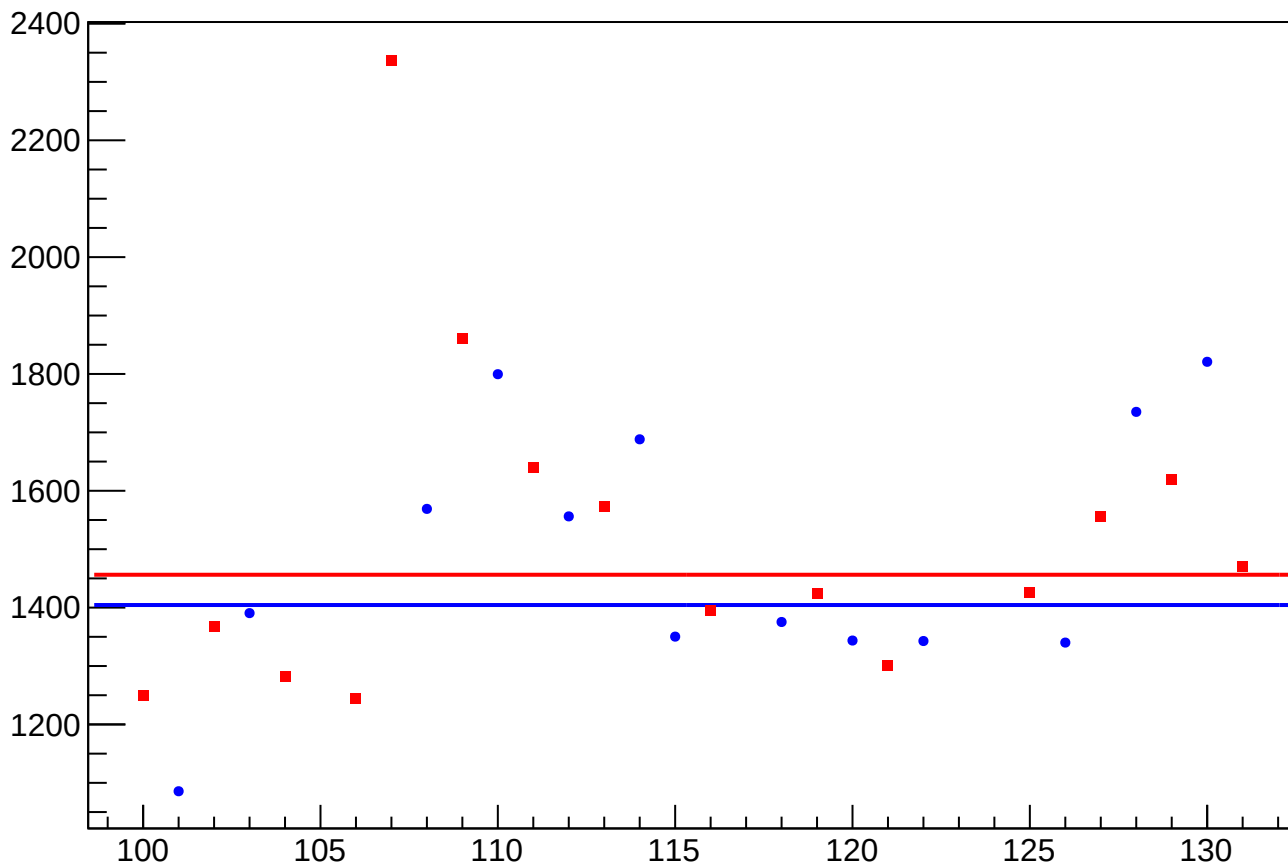
Right: 2243.119+/-423.339 χ^2/NDF : 22.5/27

In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2243.119+/-423.339 χ^2/NDF : 22.5/27

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1404.433+/-0.428 χ^2/NDF : 271034.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

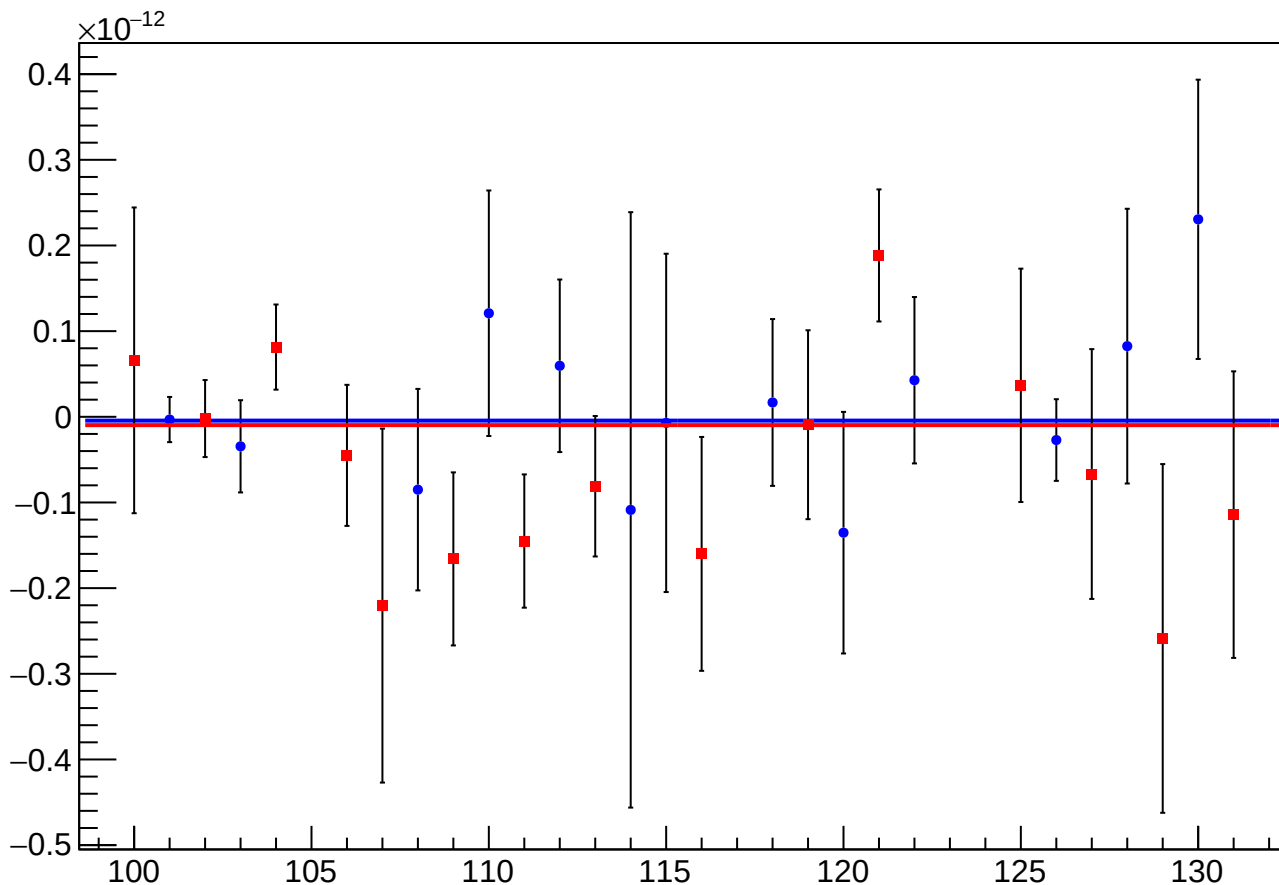
Right: 1430.965+/-0.299 χ^2/NDF : 488235.8/27

In: 1404.433+/-0.428 χ^2/NDF : 271034.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1430.965+/-0.299 χ^2/NDF : 488235.8/27

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

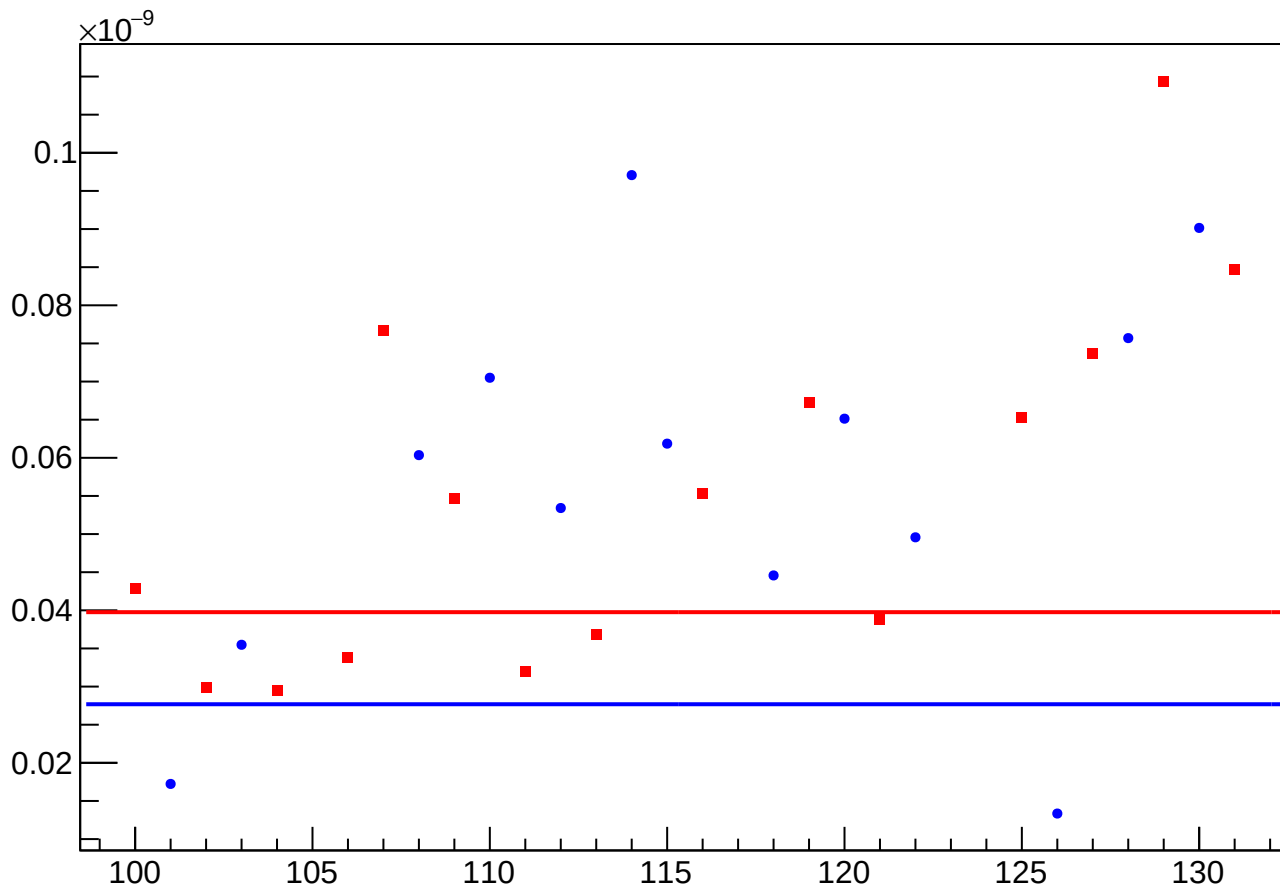
Right: -0.000+/-0.000 χ^2/NDF : 26.8/27

In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.8/27

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1915540.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1028709.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

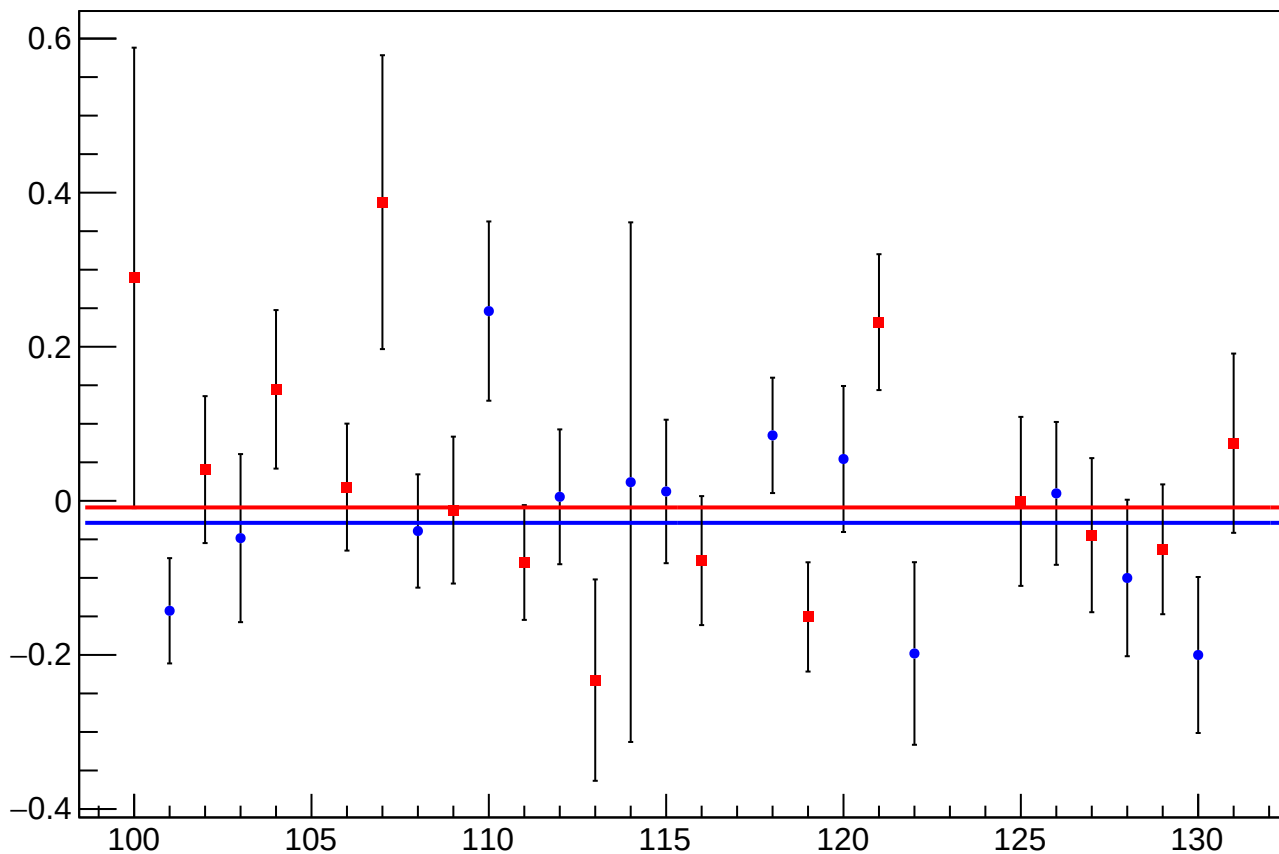
Right: 0.000+/-0.000 χ^2/NDF : 3283060.7/27

In: 0.000+/-0.000 χ^2/NDF : 1915540.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3283060.7/27

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.026 χ^2/NDF : 17.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

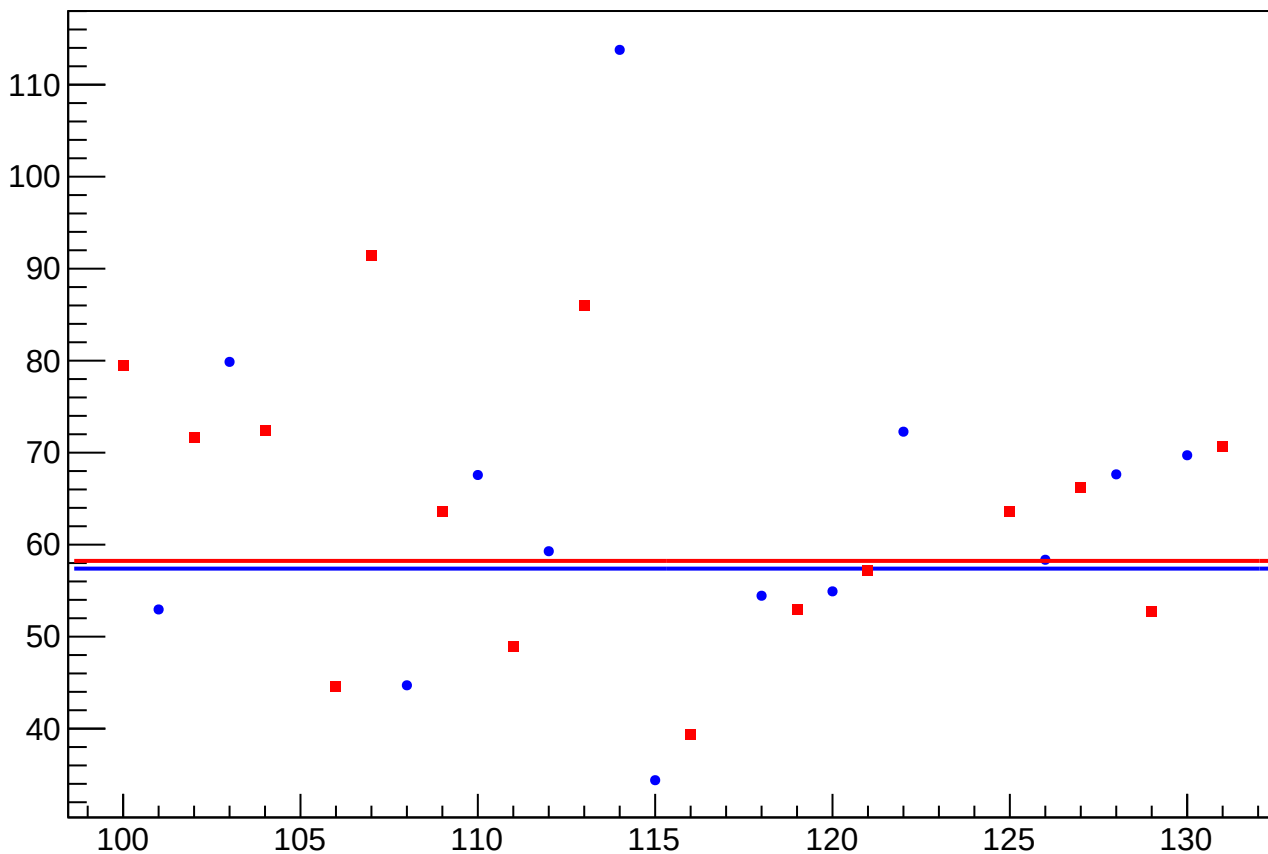
Right: -0.018+/-0.018 χ^2/NDF : 42.7/27

In: -0.029+/-0.026 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.018 χ^2/NDF : 42.7/27

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.396+/-0.018 χ^2/NDF : 433245.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

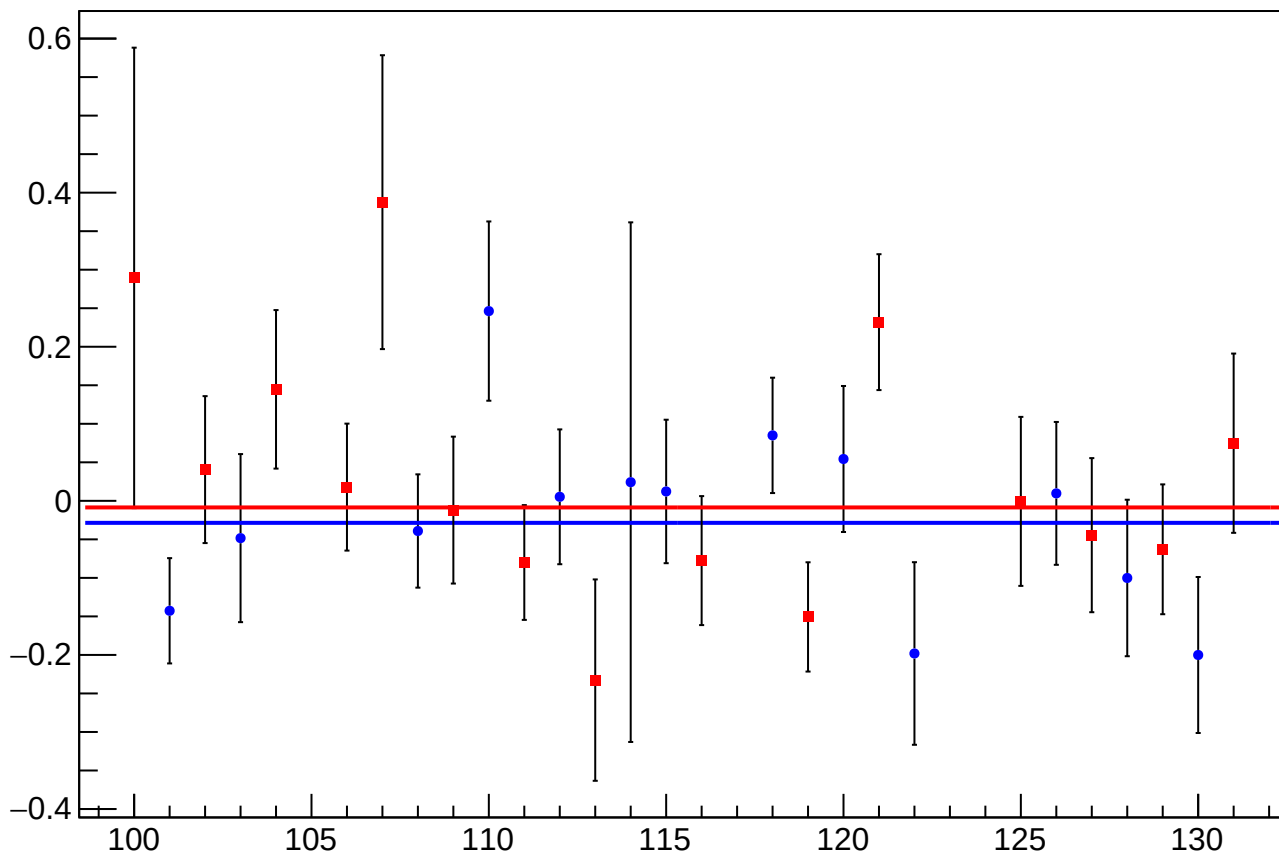
Right: 57.831+/-0.013 χ^2/NDF : 927045.1/27

In: 57.396+/-0.018 χ^2/NDF : 433245.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.831+/-0.013 χ^2/NDF : 927045.1/27

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.026 χ^2 /NDF: 17.4/12

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

Right Out: -0.009 $\pm$ 0.025 χ^2 /NDF: 25.0/14

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

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

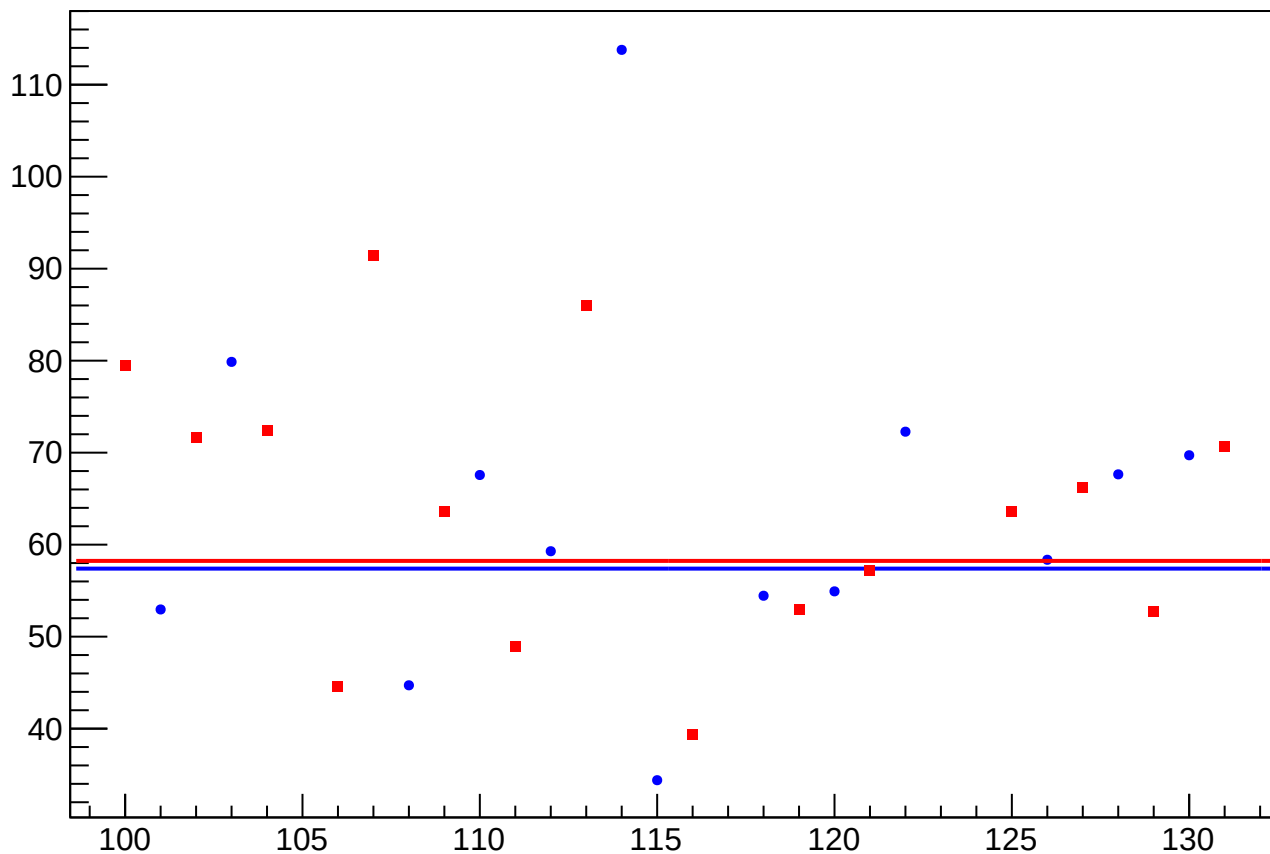
Right: -0.018 $\pm$ 0.018 χ^2 /NDF: 42.7/27

In: -0.029 $\pm$ 0.026 χ^2 /NDF:17.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.018 χ^2 /NDF: 42.7/27

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.396+/-0.018 χ^2/NDF : 433245.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

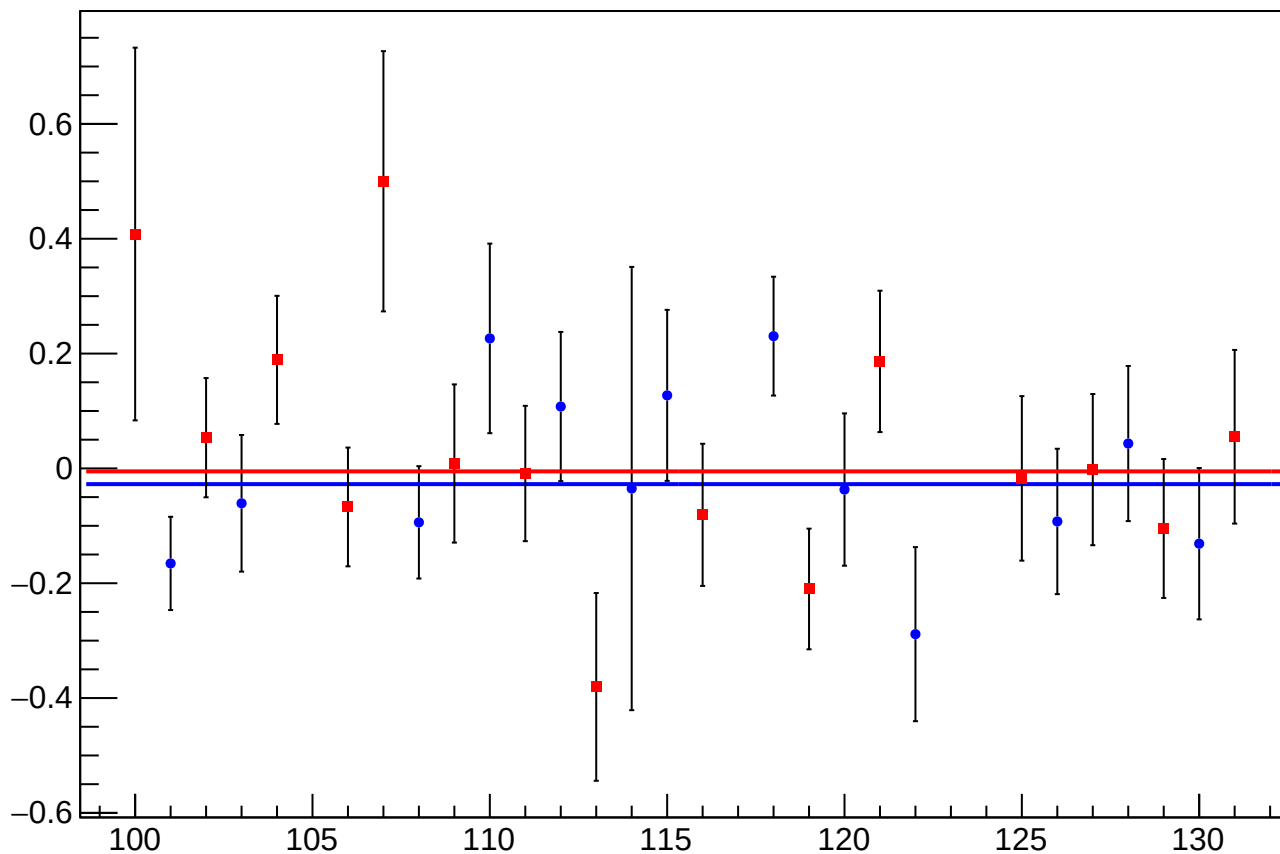
Right: 57.831+/-0.013 χ^2/NDF : 927045.1/27

In: 57.396+/-0.018 χ^2/NDF : 433245.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.831+/-0.013 χ^2/NDF : 927045.1/27

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.034 χ^2/NDF : 18.3/12

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

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

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

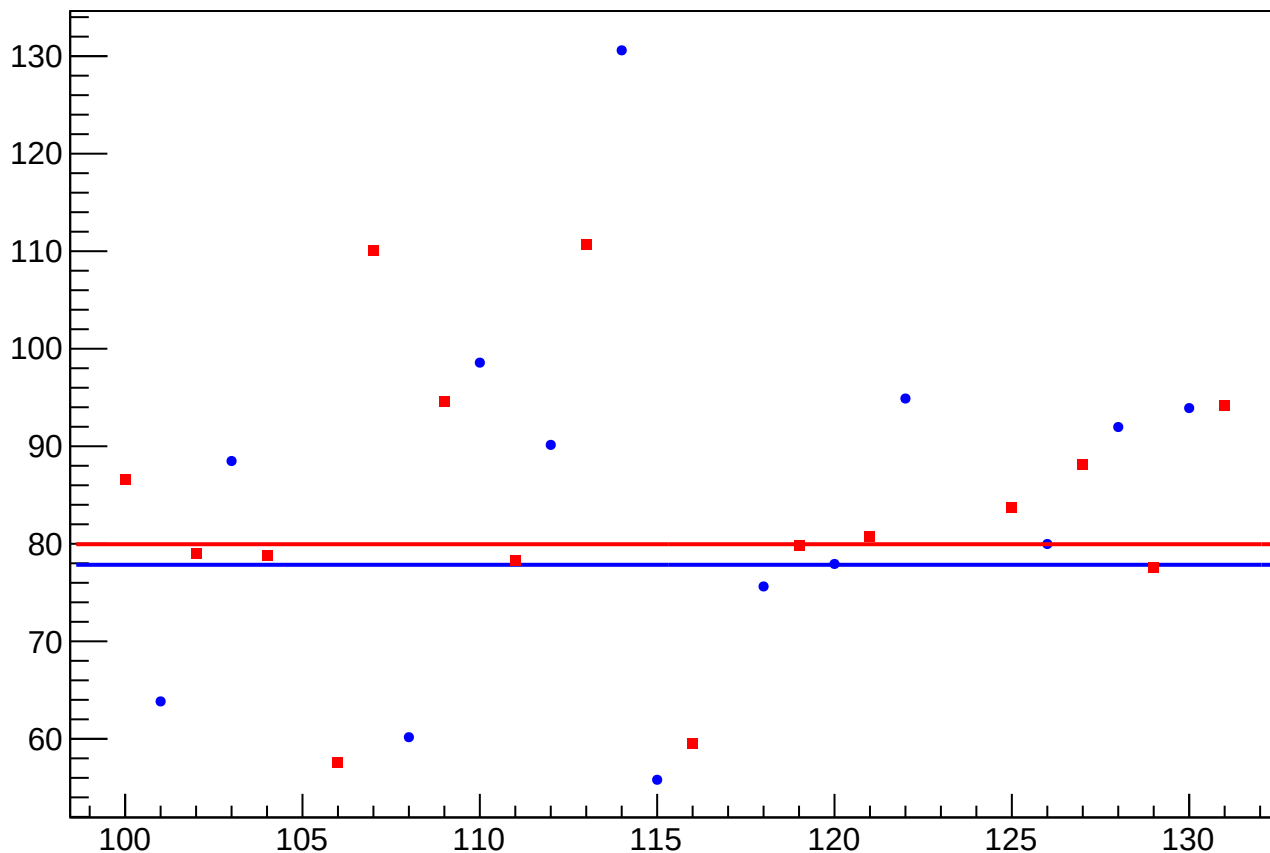
Right: -0.016 ± 0.024 χ^2/NDF : 41.5/27

In: -0.027 ± 0.034 χ^2/NDF : 18.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.024 χ^2/NDF : 41.5/27

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.847+/-0.024 χ^2/NDF : 349714.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

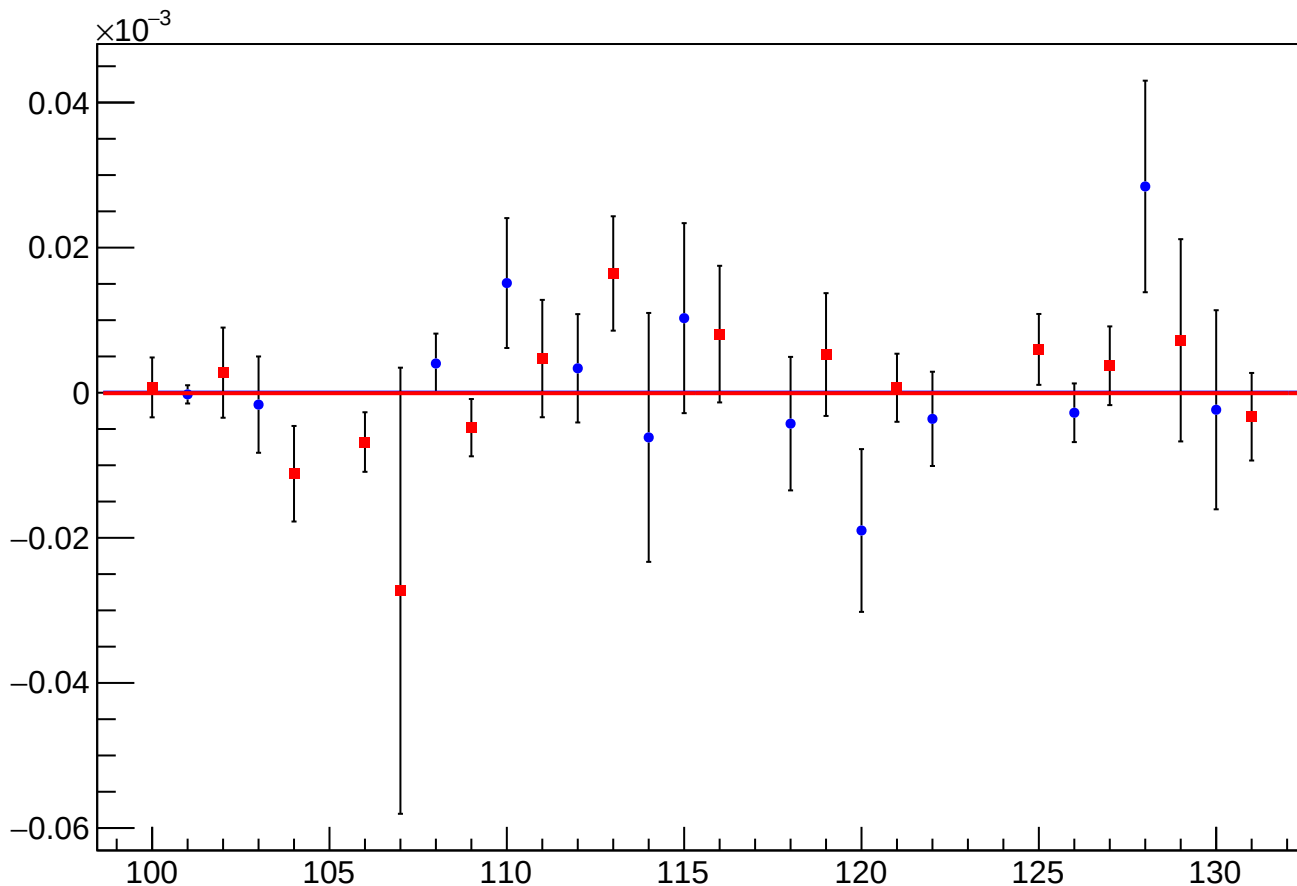
Right: 78.935+/-0.017 χ^2/NDF : 659247.4/27

In: 77.847+/-0.024 χ^2/NDF : 349714.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.935+/-0.017 χ^2/NDF : 659247.4/27

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

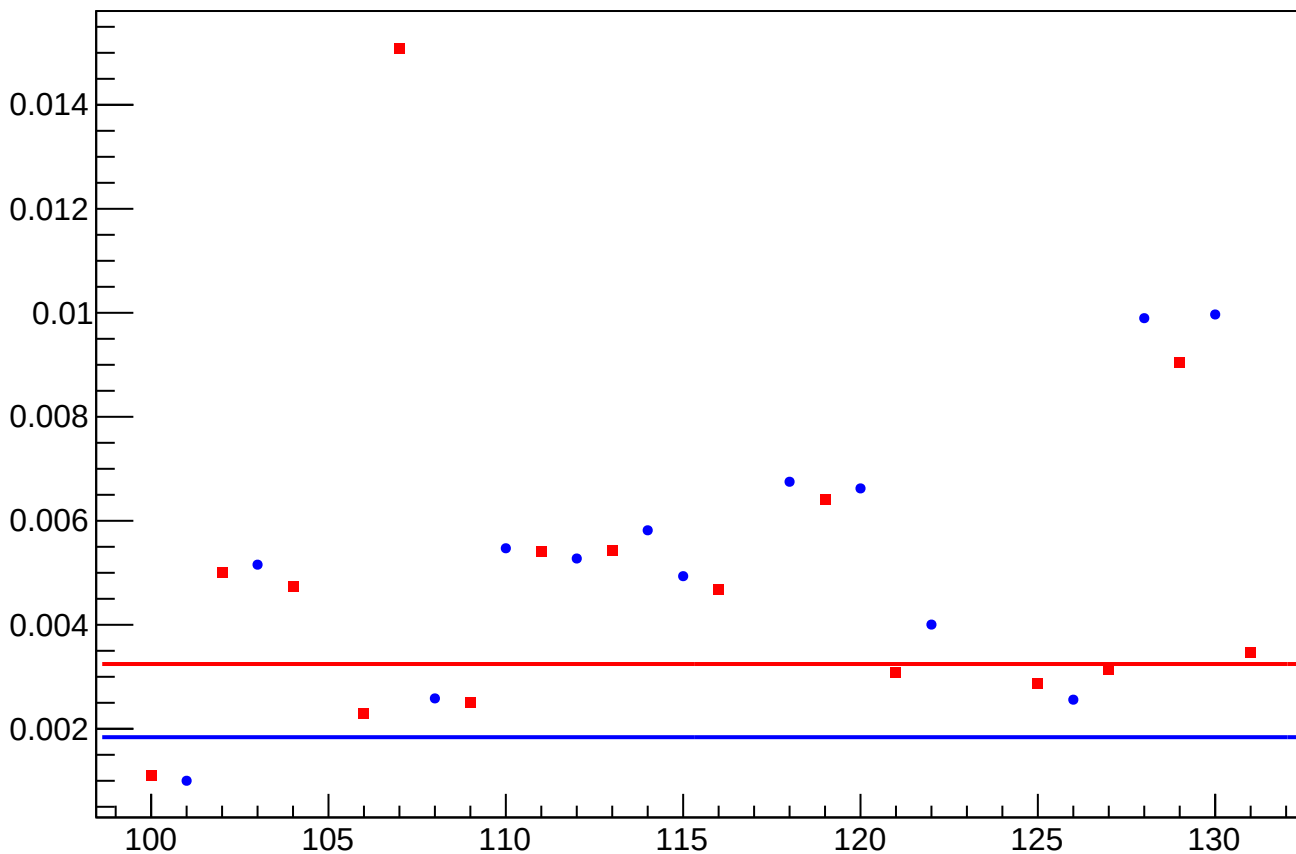
Right: -0.000+/-0.000 χ^2/NDF : 29.0/27

In: 0.000+/-0.000 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/27

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 4958995.1/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

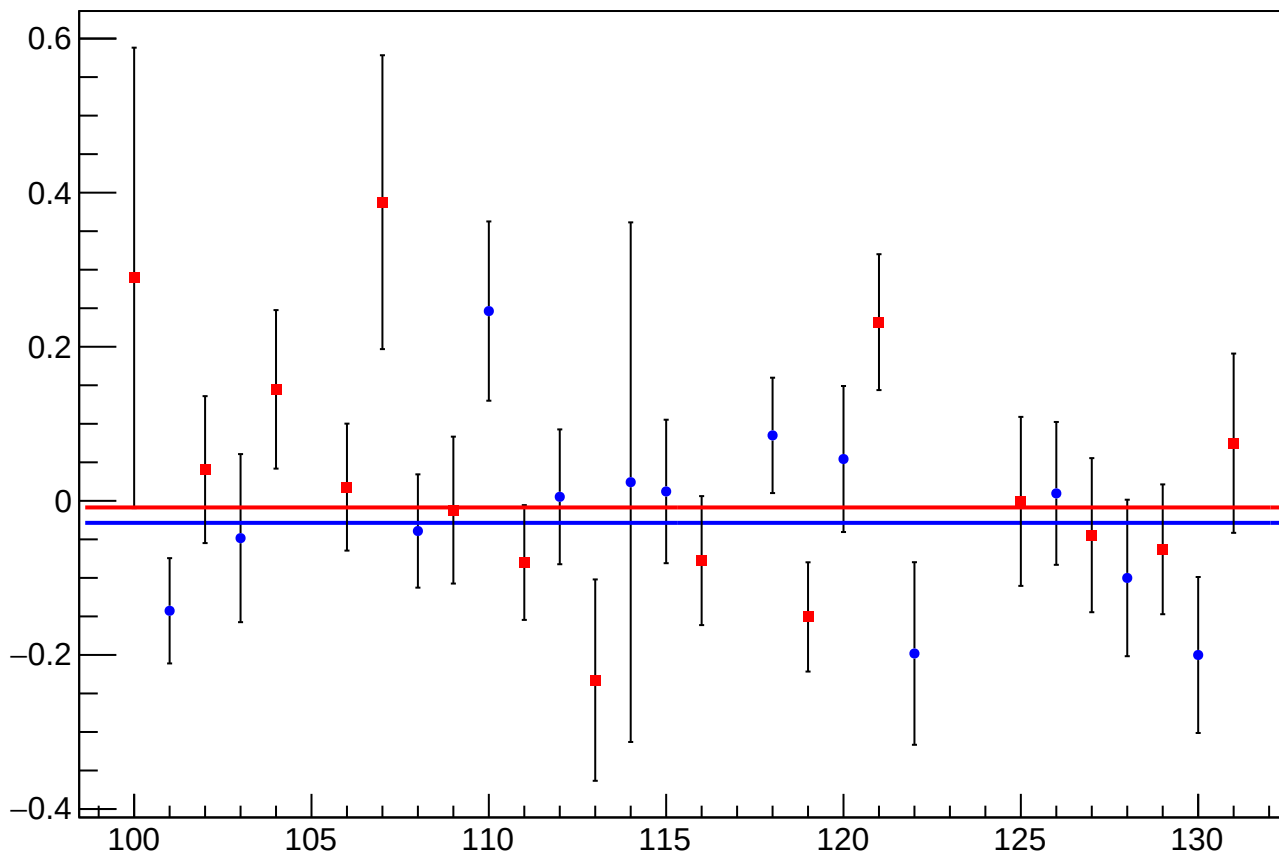
Right: 0.002+/-0.000 χ^2/NDF : 8378358.5/27

In: 0.002+/-0.000 χ^2/NDF :4958995.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8378358.5/27

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.026 χ^2/NDF : 17.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

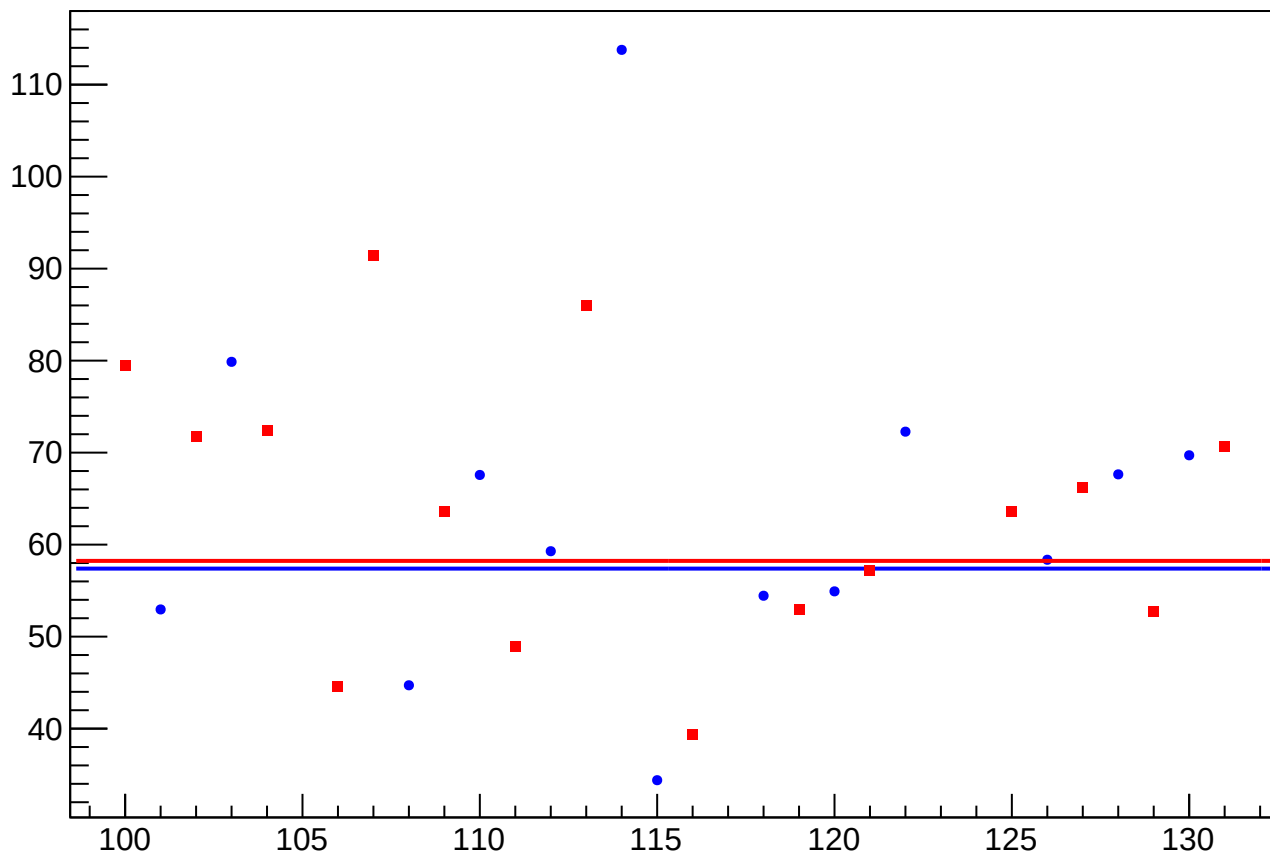
Right: -0.018+/-0.018 χ^2/NDF : 42.7/27

In: -0.029+/-0.026 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.018 χ^2/NDF : 42.7/27

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.394+/-0.018 χ^2/NDF : 433240.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

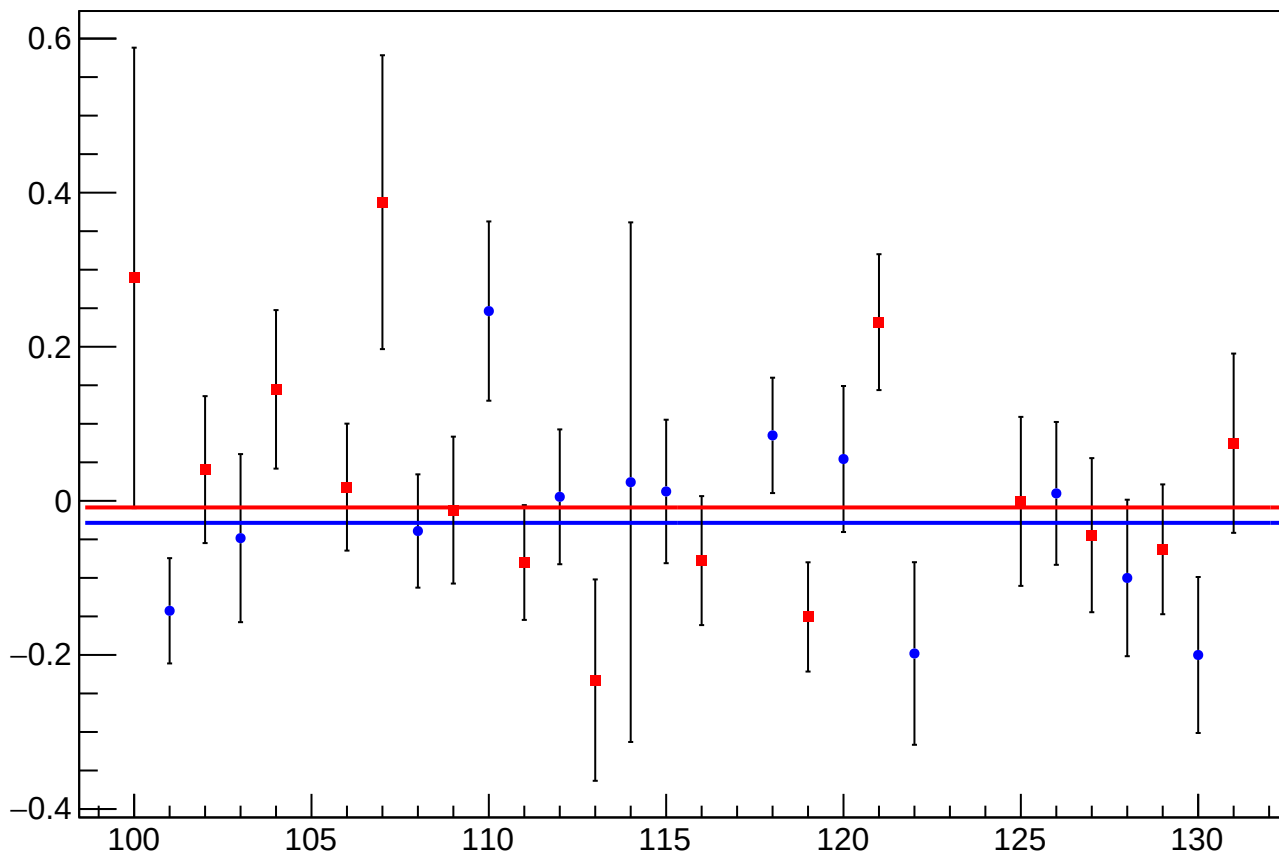
Right: 57.830+/-0.013 χ^2/NDF : 927060.7/27

In: 57.394+/-0.018 χ^2/NDF : 433240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.830+/-0.013 χ^2/NDF : 927060.7/27

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.026 χ^2/NDF : 17.4/12

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

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

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

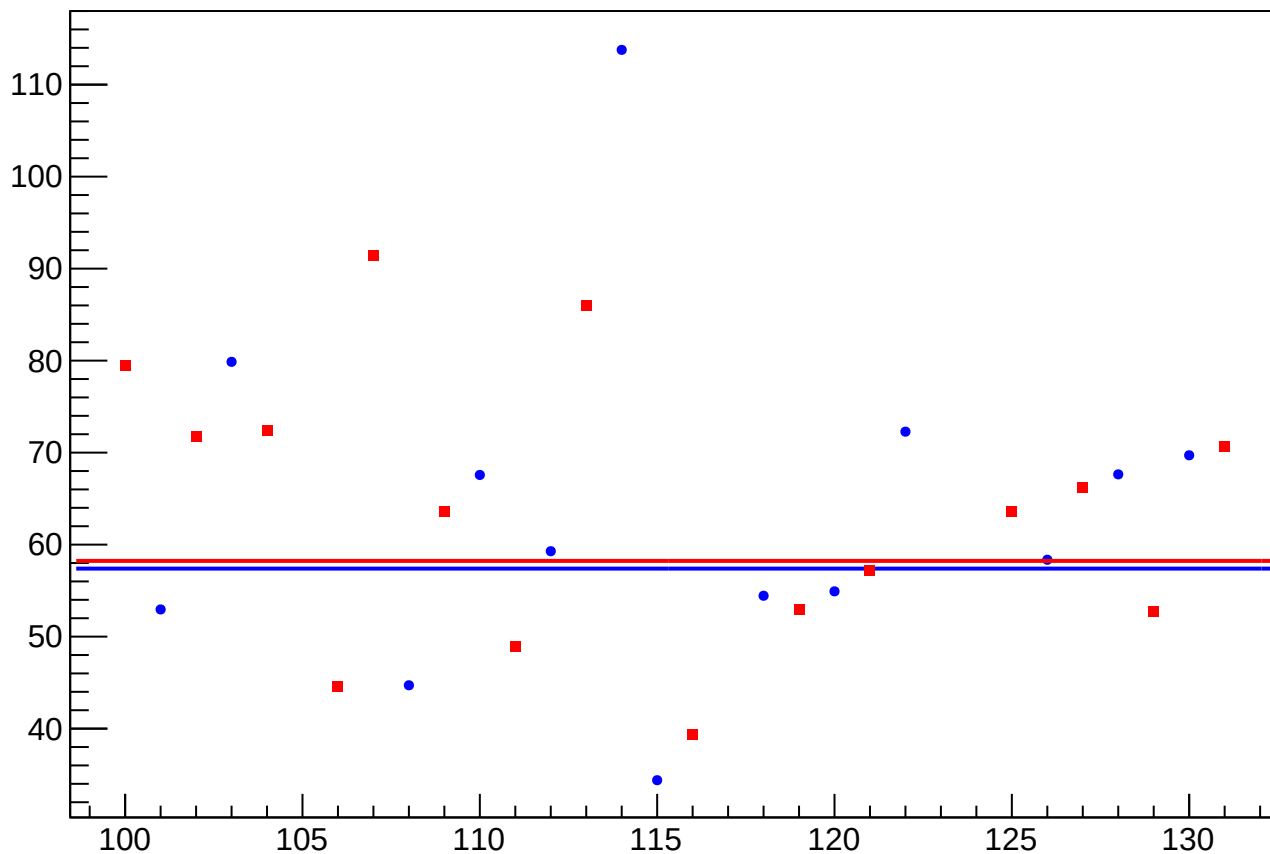
Right: -0.018 ± 0.018 χ^2/NDF : 42.7/27

In: -0.029 ± 0.026 χ^2/NDF : 17.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.018 χ^2/NDF : 42.7/27

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.394+/-0.018 χ^2/NDF : 433240.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

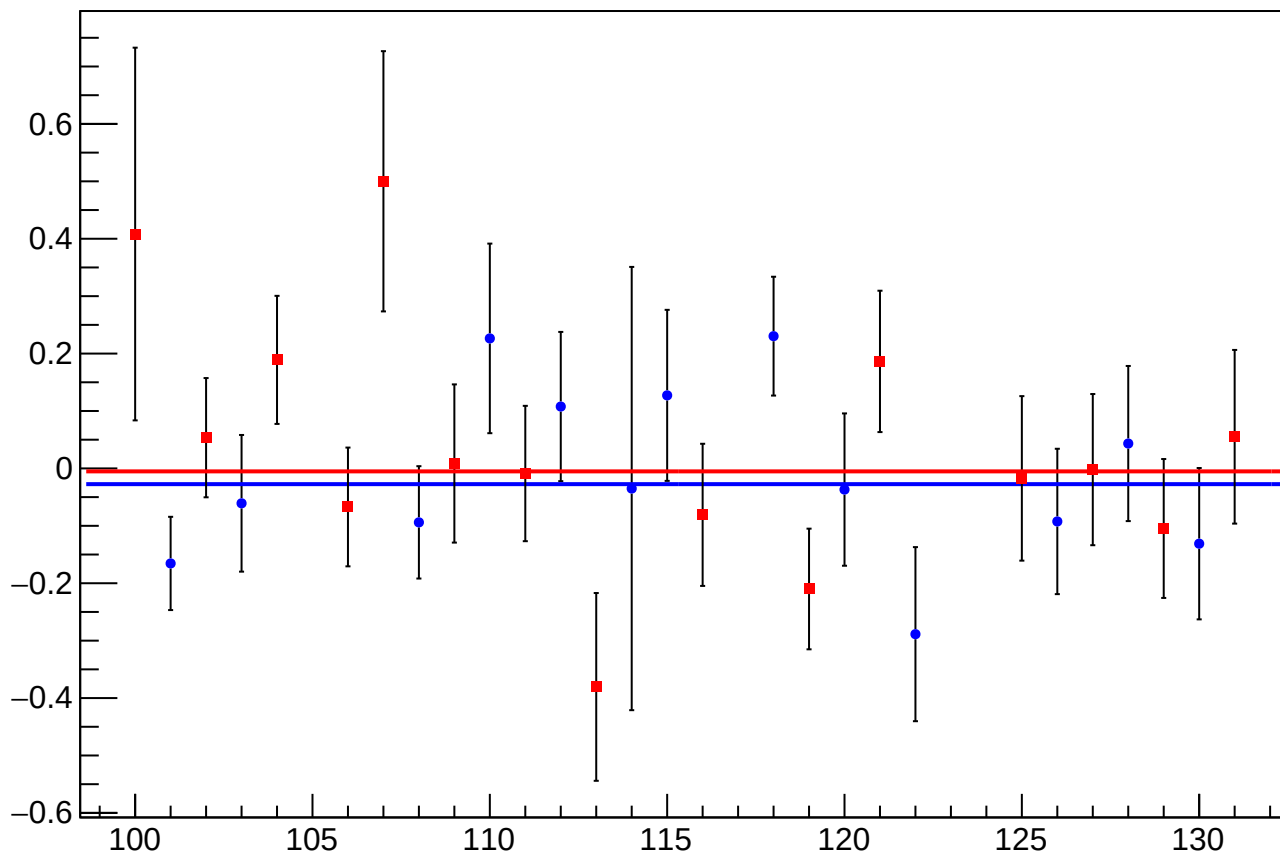
Right: 57.830+/-0.013 χ^2/NDF : 927060.7/27

In: 57.394+/-0.018 χ^2/NDF : 433240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.830+/-0.013 χ^2/NDF : 927060.7/27

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.034 χ^2/NDF : 18.3/12

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

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

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

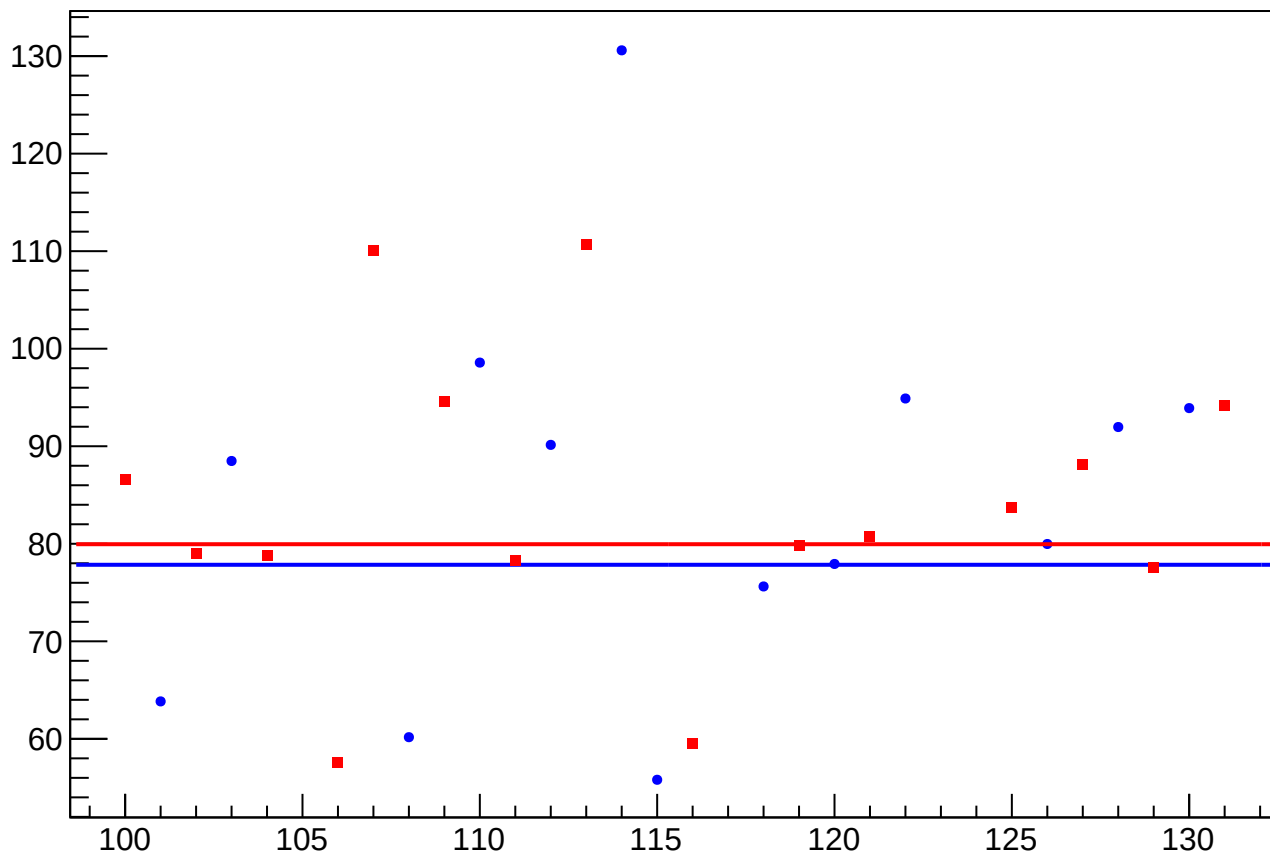
Right: -0.016 ± 0.024 χ^2/NDF : 41.5/27

In: -0.027 ± 0.034 χ^2/NDF : 18.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.024 χ^2/NDF : 41.5/27

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.846+/-0.024 χ^2/NDF : 349694.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

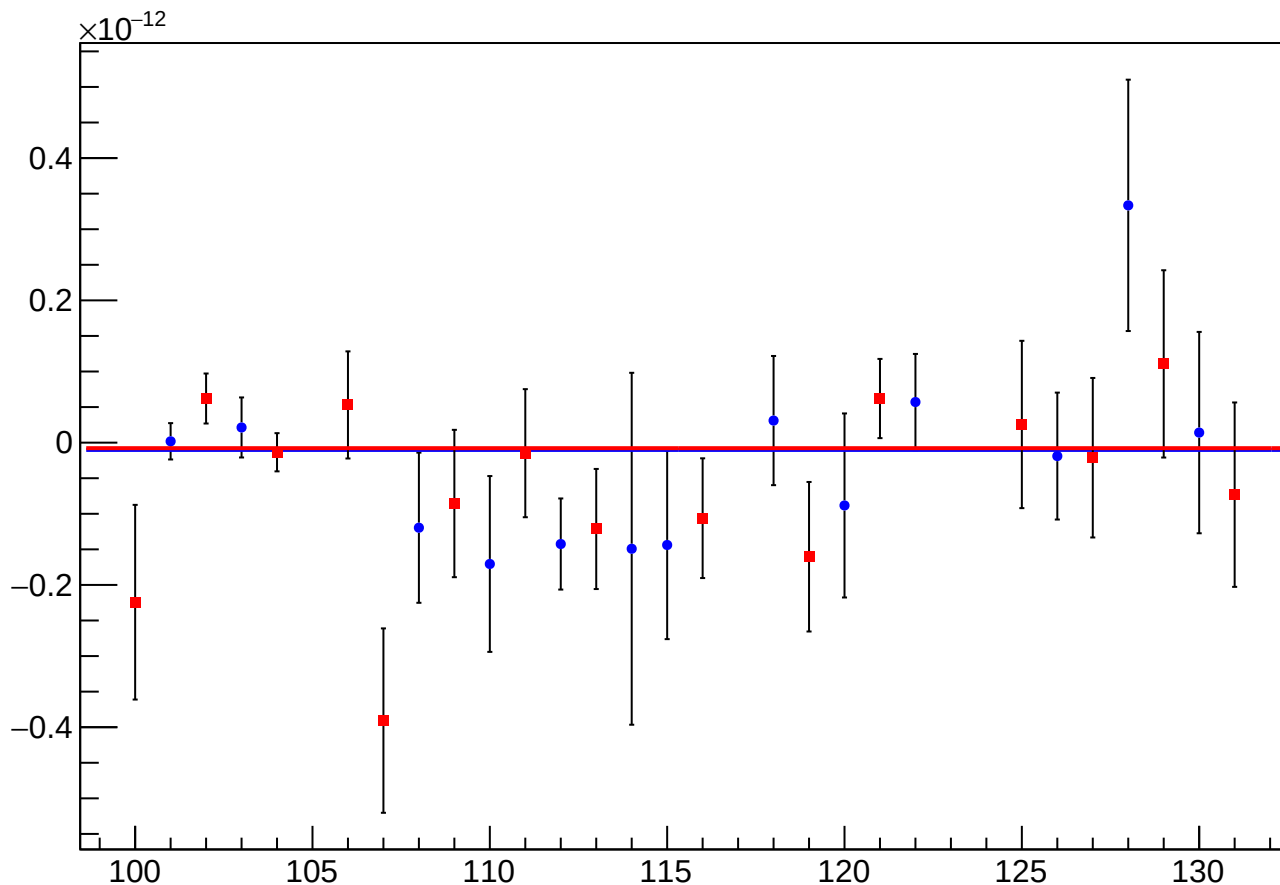
Right: 78.934+/-0.017 χ^2/NDF : 659222.8/27

In: 77.846+/-0.024 χ^2/NDF : 349694.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.934+/-0.017 χ^2/NDF : 659222.8/27

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

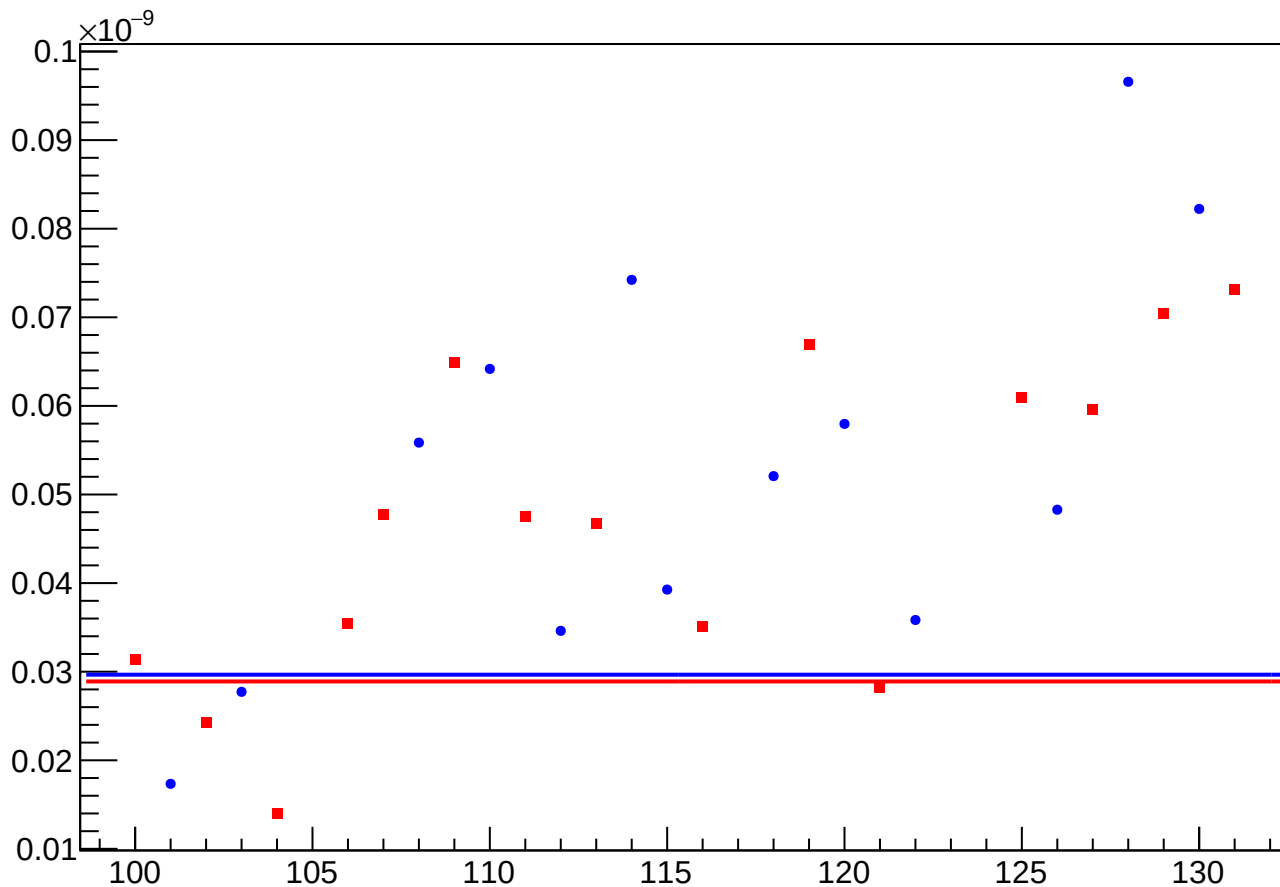
Right: -0.000+/-0.000 χ^2/NDF : 39.0/27

In: -0.000+/-0.000 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.0/27

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1720314.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

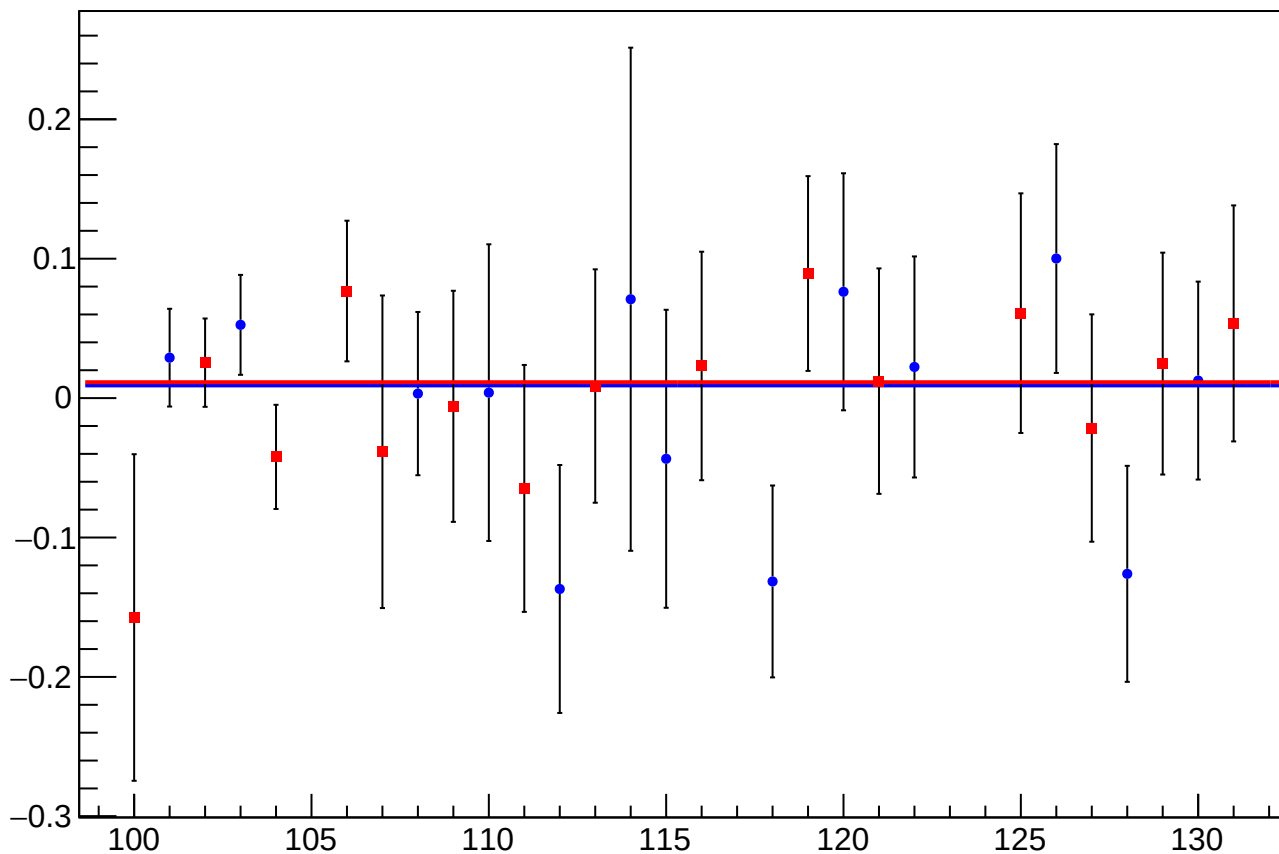
Right: 0.000+/-0.000 χ^2/NDF : 3852597.5/27

In: 0.000+/-0.000 χ^2/NDF : 1720314.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3852597.5/27

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.018 χ^2 /NDF: 14.0/12

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

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

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

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

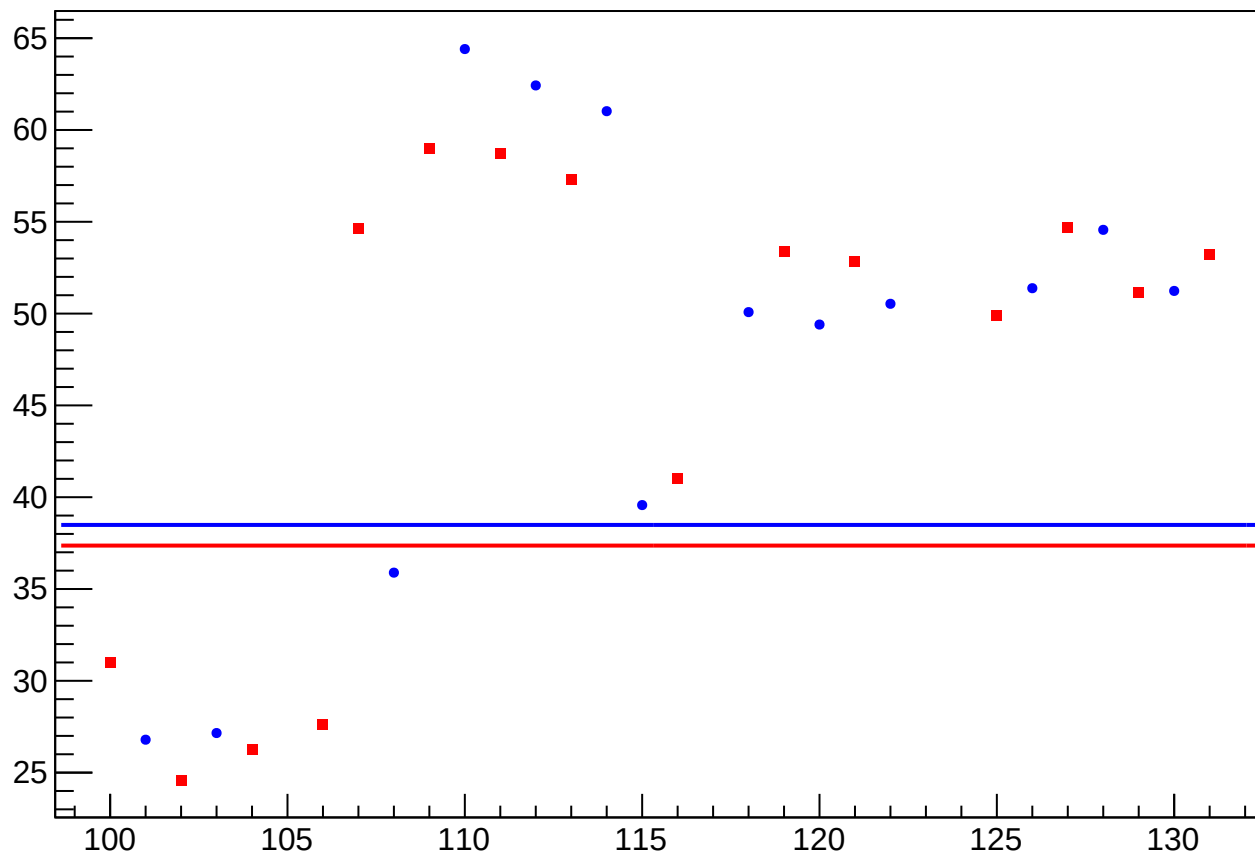
Right: 0.010 $\pm$ 0.012 χ^2 /NDF: 23.0/27

In: 0.009 $\pm$ 0.018 χ^2 /NDF:14.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.012 χ^2 /NDF: 23.0/27

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.490+/-0.012 χ^2/NDF : 1057203.8/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

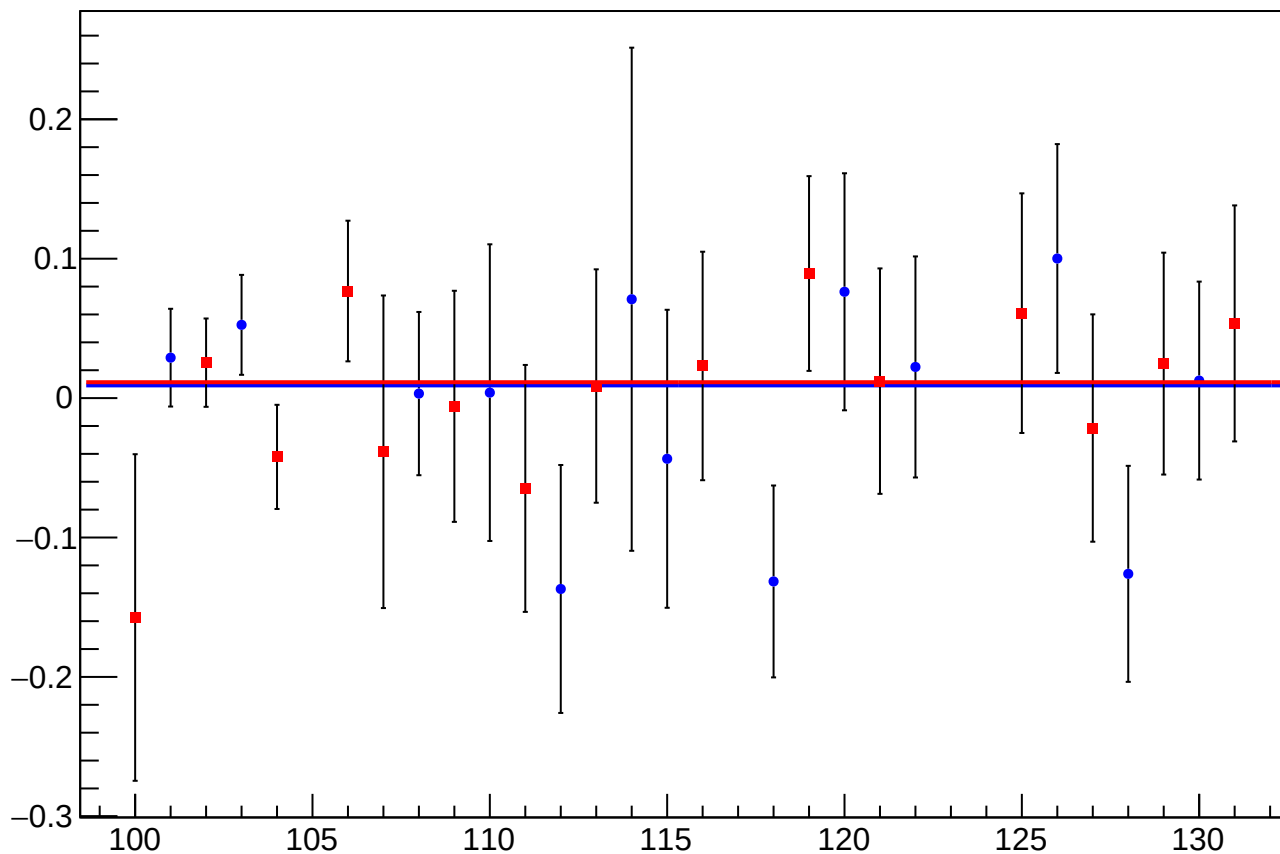
Right: 37.885+/-0.008 χ^2/NDF : 2503419.2/27

In: 38.490+/-0.012 χ^2/NDF :1057203.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.885+/-0.008 χ^2/NDF : 2503419.2/27

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.018 χ^2 /NDF: 14.0/12

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

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

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

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

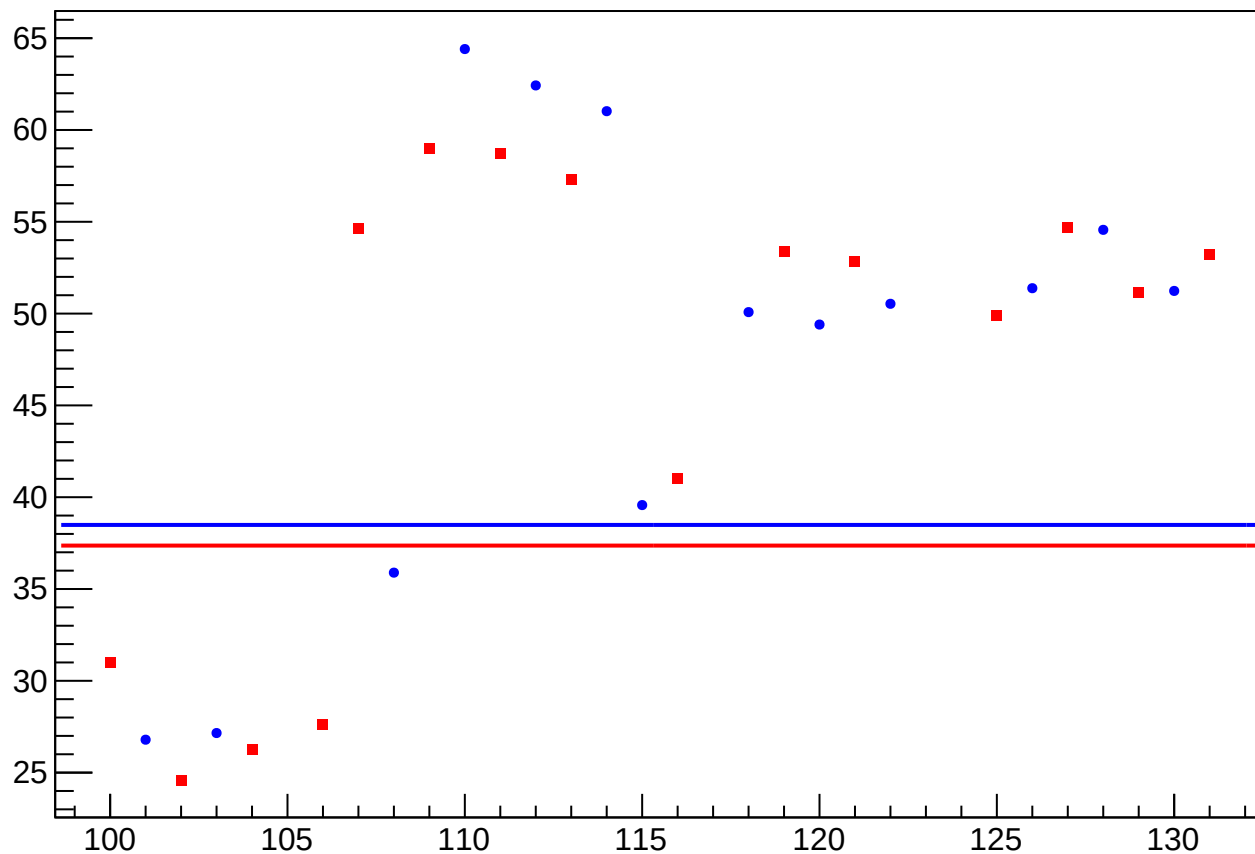
Right: 0.010 $\pm$ 0.012 χ^2 /NDF: 23.0/27

In: 0.009 $\pm$ 0.018 χ^2 /NDF:14.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.012 χ^2 /NDF: 23.0/27

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.490+/-0.012 χ^2/NDF : 1057203.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

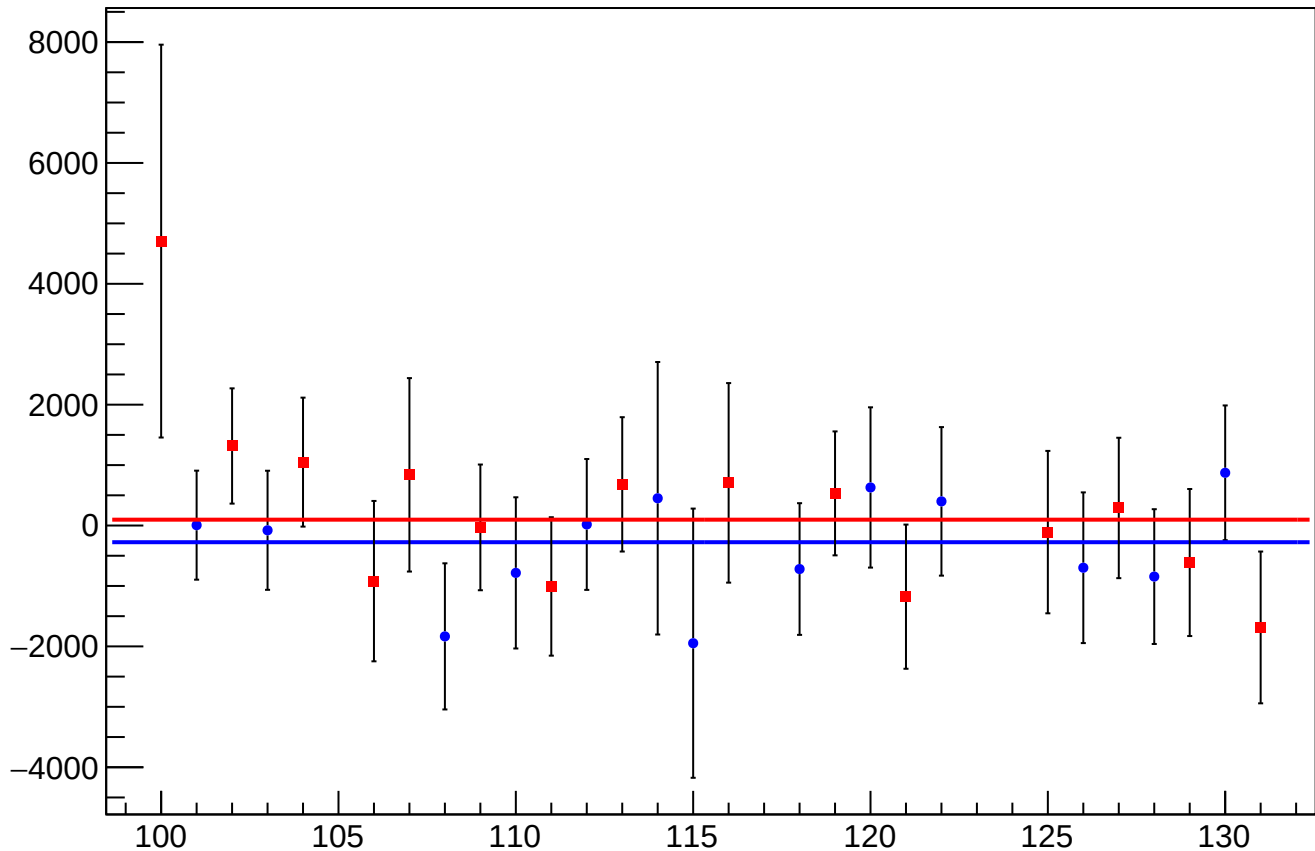
Right: 37.885+/-0.008 χ^2/NDF : 2503419.2/27

In: 38.490+/-0.012 χ^2/NDF : 1057203.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.008 χ^2/NDF : 2503419.2/27

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -275.973+/-330.446 χ^2/NDF : 5.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

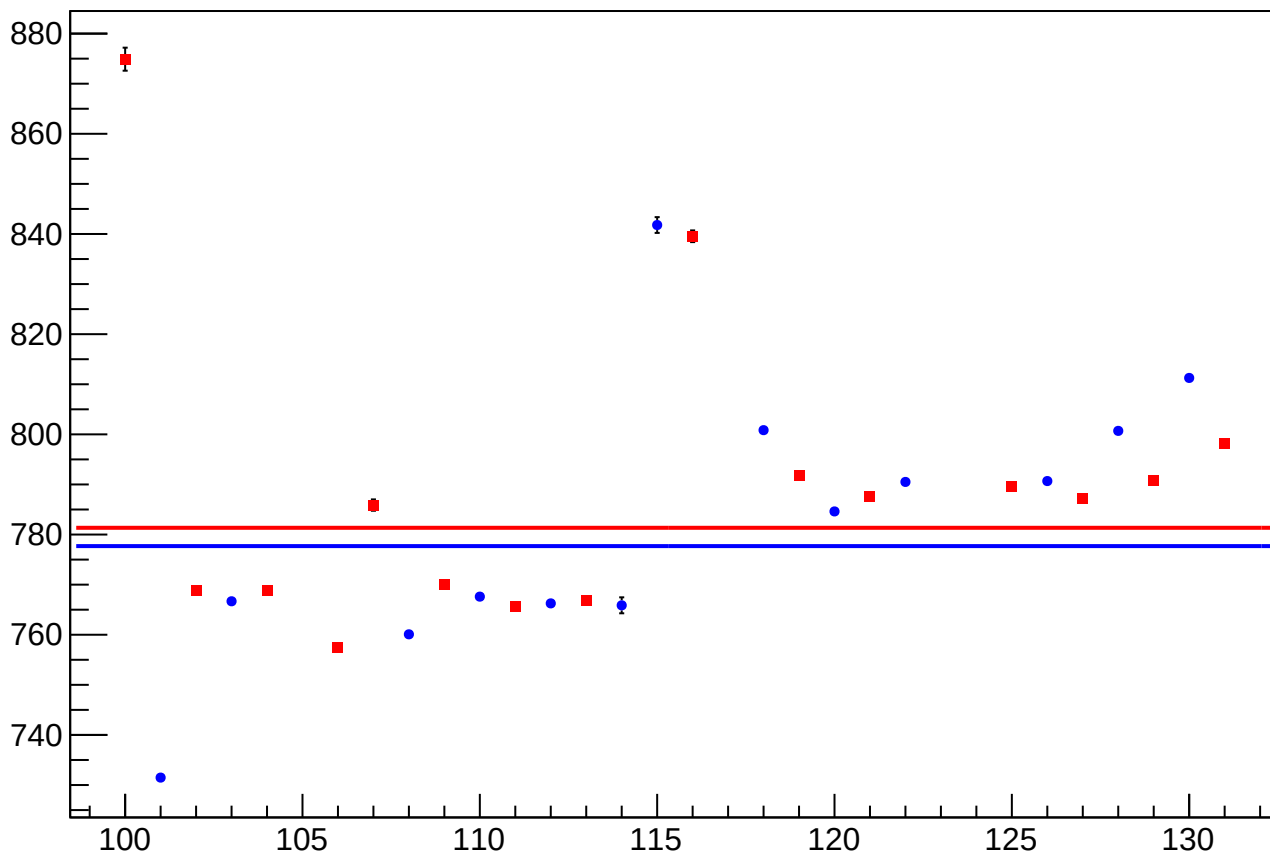
Right: -79.944+/-227.571 χ^2/NDF : 16.1/27

In: -275.973+/-330.446 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.944+/-227.571 χ^2/NDF : 16.1/27

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

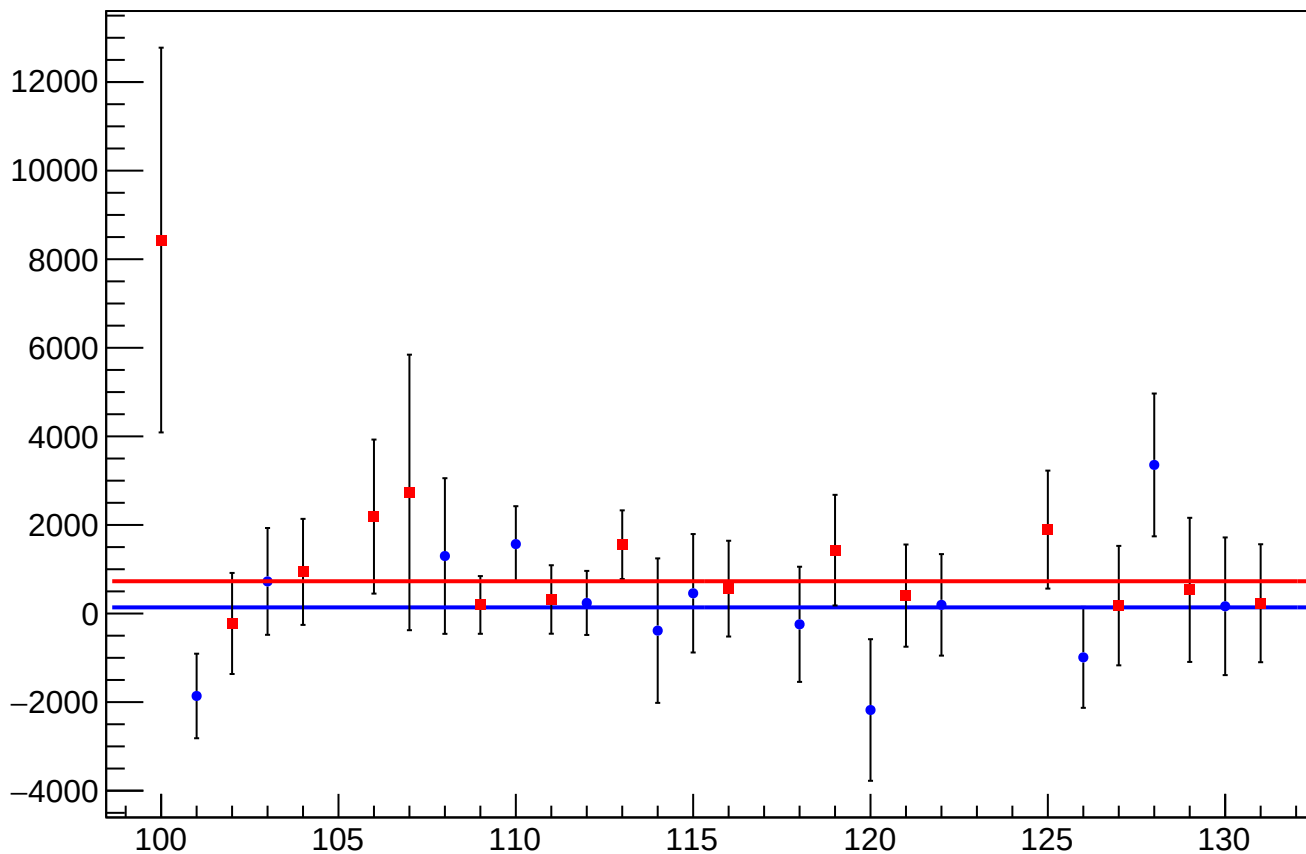
Right: 779.616+/-0.161 χ^2/NDF : 19414.1/27

In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.616+/-0.161 χ^2/NDF : 19414.1/27

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 138.938+/-322.138 χ^2/NDF : 15.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

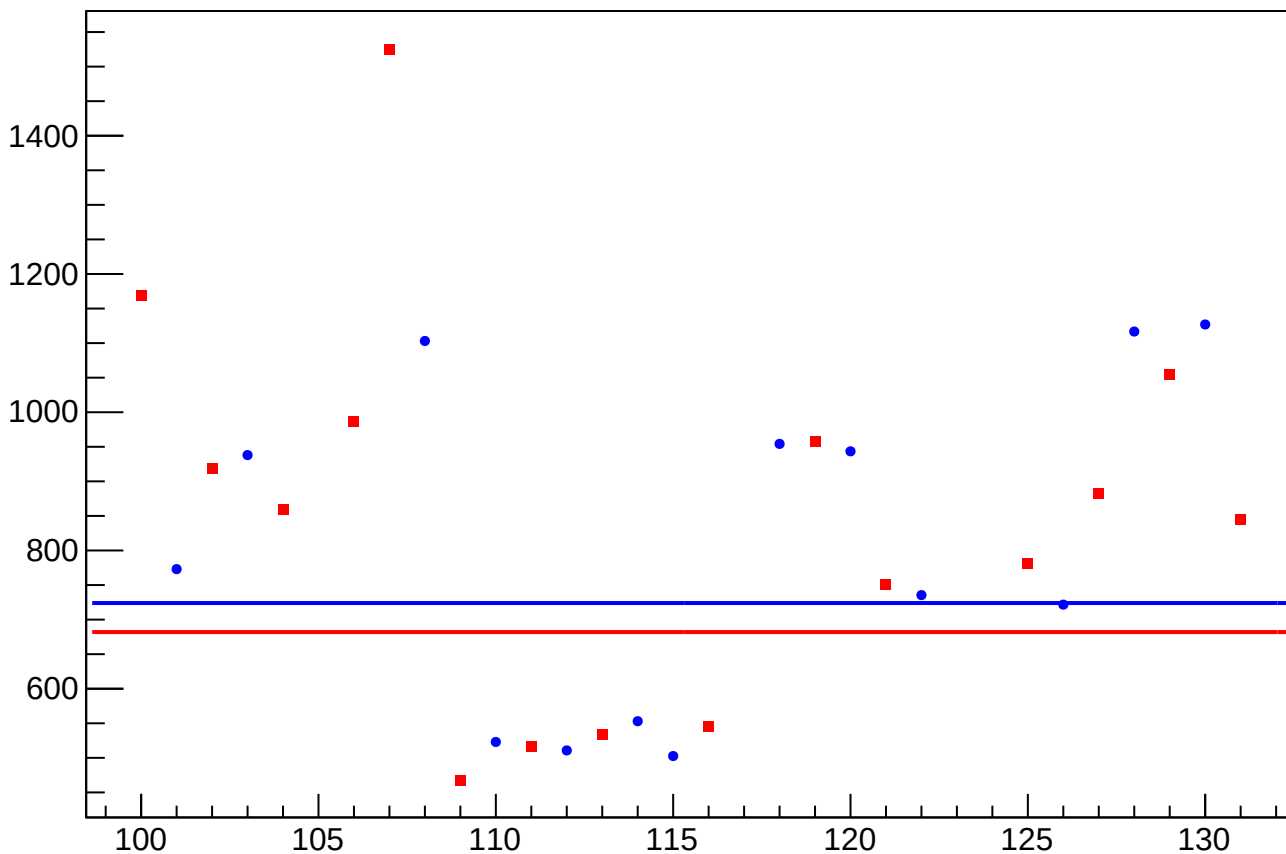
Right: 465.661+/-215.243 χ^2/NDF : 25.6/27

In: 138.938+/-322.138 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.661+/-215.243 χ^2/NDF : 25.6/27

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

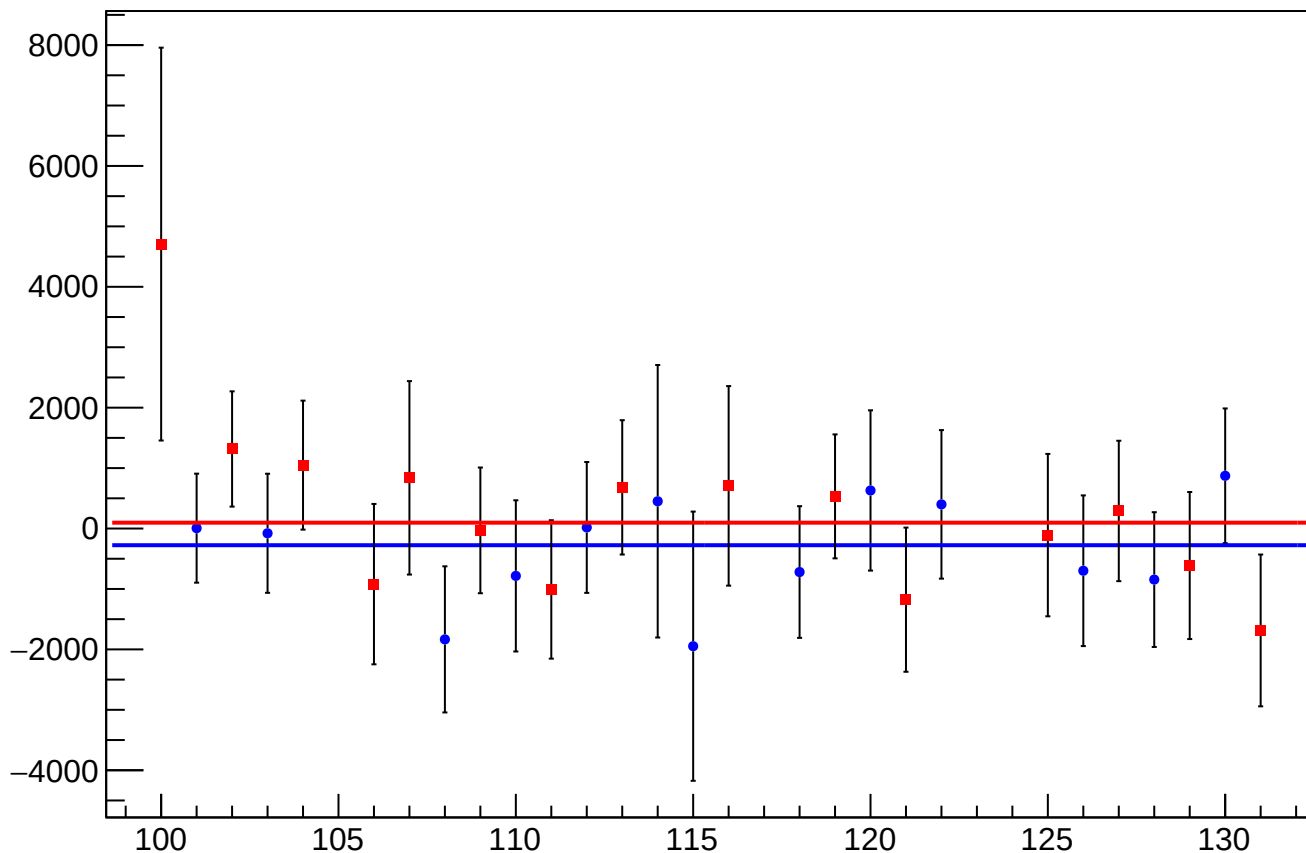
Right: 700.740+/-0.152 χ^2/NDF : 1967734.4/27

In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.740+/-0.152 χ^2/NDF : 1967734.4/27

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -275.973+/-330.446 χ^2/NDF : 5.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

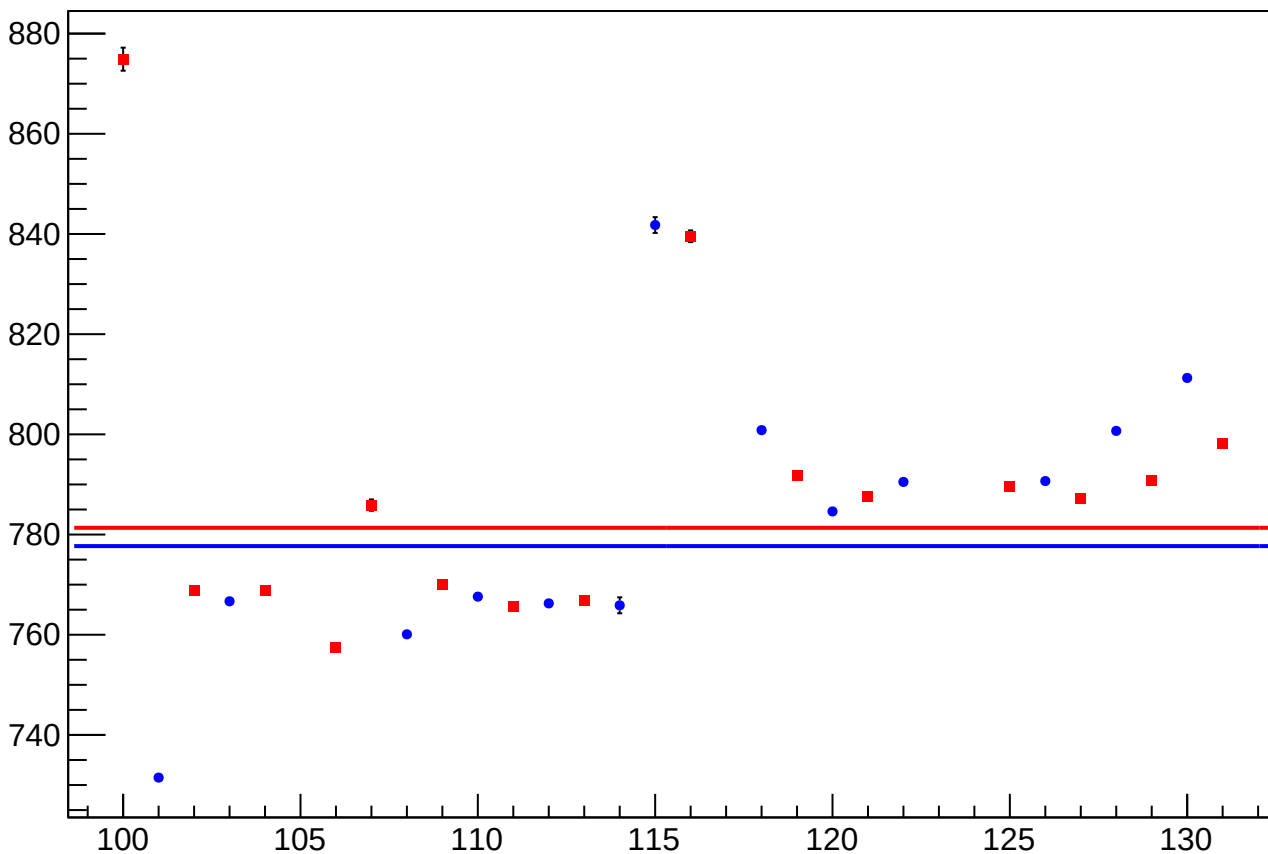
Right: -79.944+/-227.571 χ^2/NDF : 16.1/27

In: -275.973+/-330.446 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.944+/-227.571 χ^2/NDF : 16.1/27

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

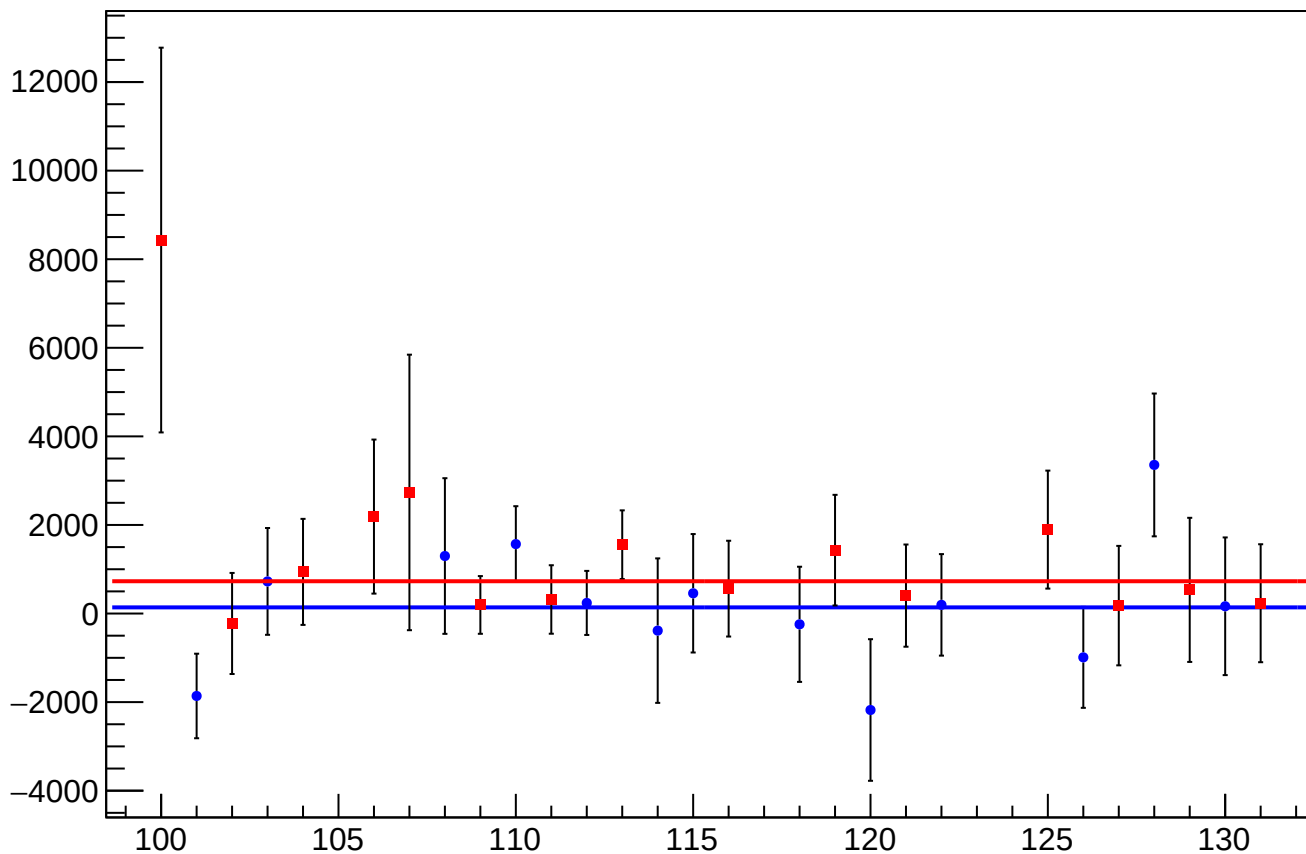
Right: 779.616+/-0.161 χ^2/NDF : 19414.1/27

In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.616+/-0.161 χ^2/NDF : 19414.1/27

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.938+/-322.138 χ^2/NDF : 15.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

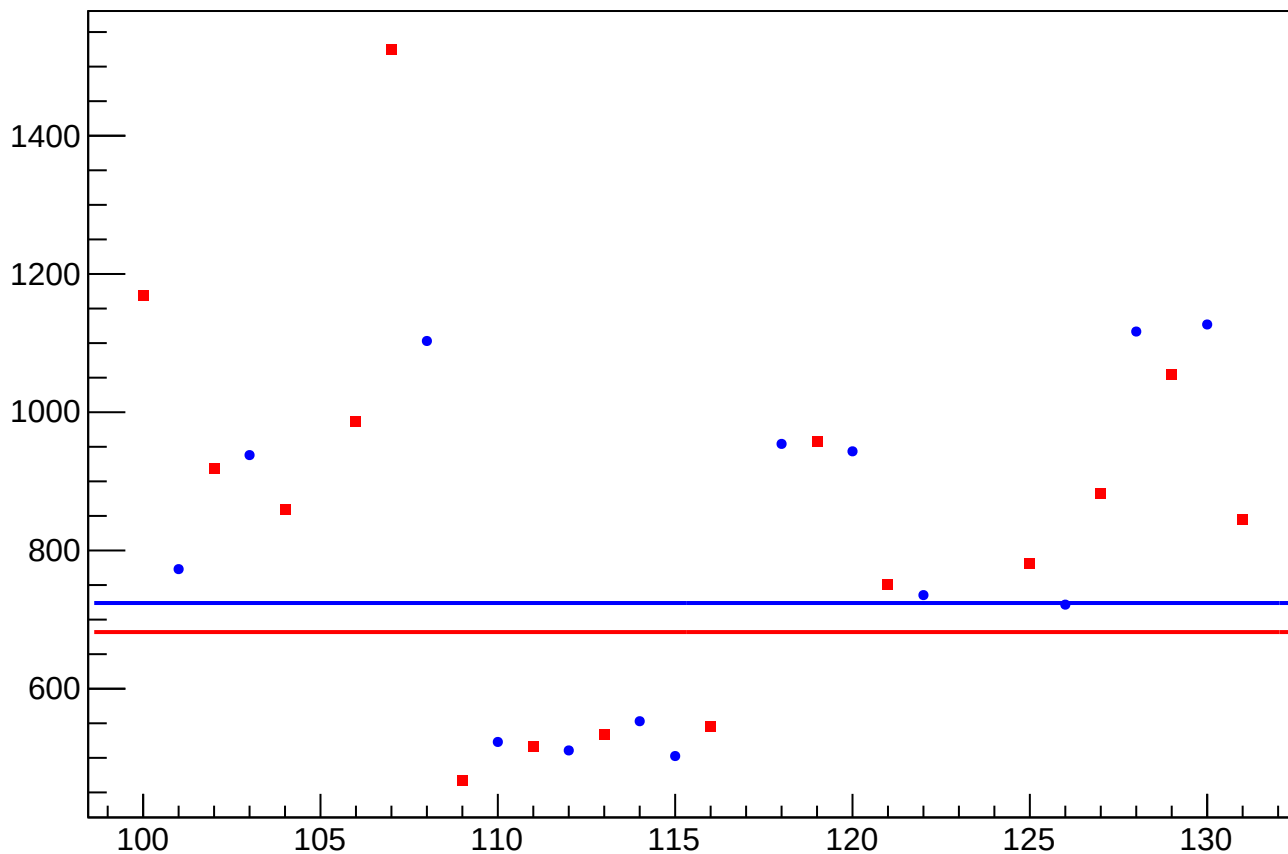
Right: 465.661+/-215.243 χ^2/NDF : 25.6/27

In: 138.938+/-322.138 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.661+/-215.243 χ^2/NDF : 25.6/27

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

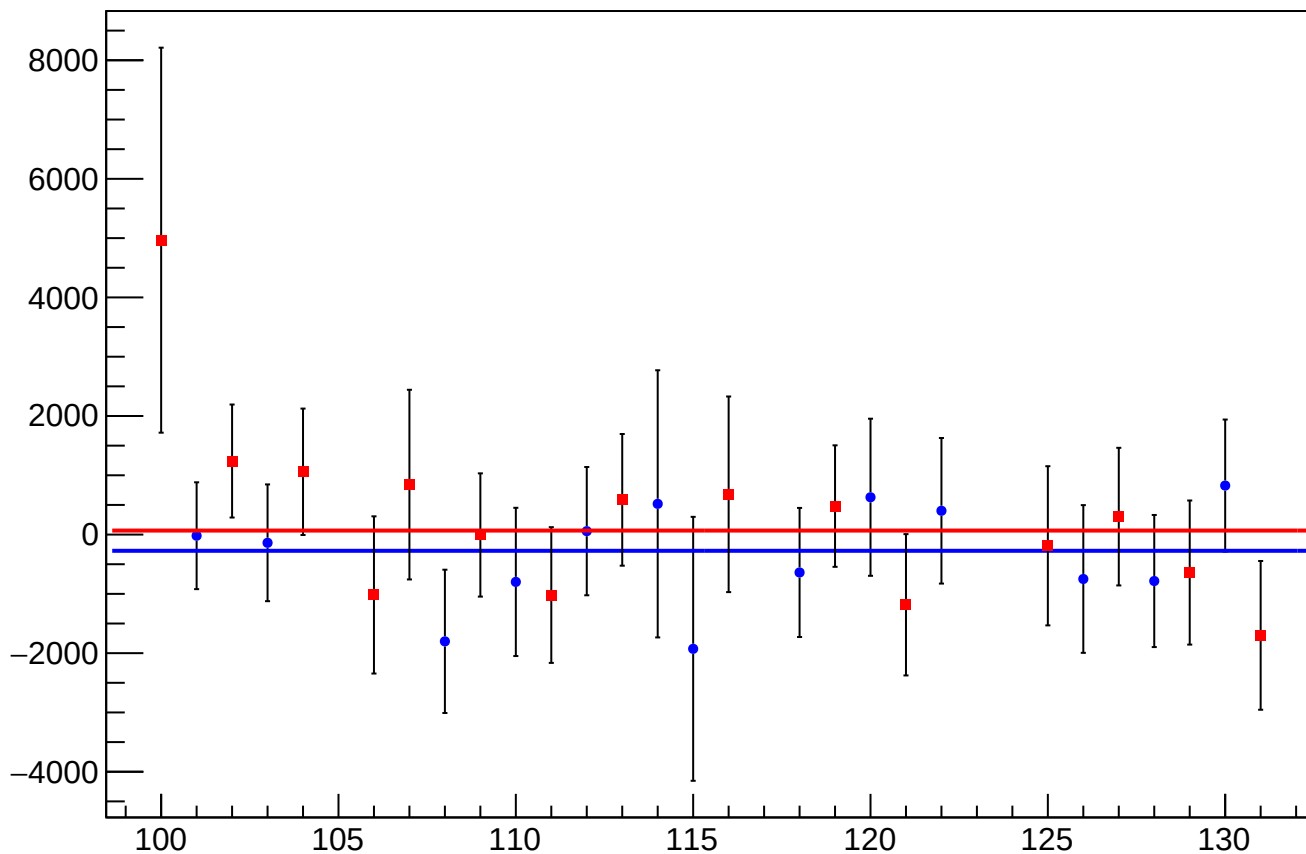
Right: 700.740+/-0.152 χ^2/NDF : 1967734.4/27

In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.740+/-0.152 χ^2/NDF : 1967734.4/27

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -273.552+/-330.132 χ^2/NDF : 4.9/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

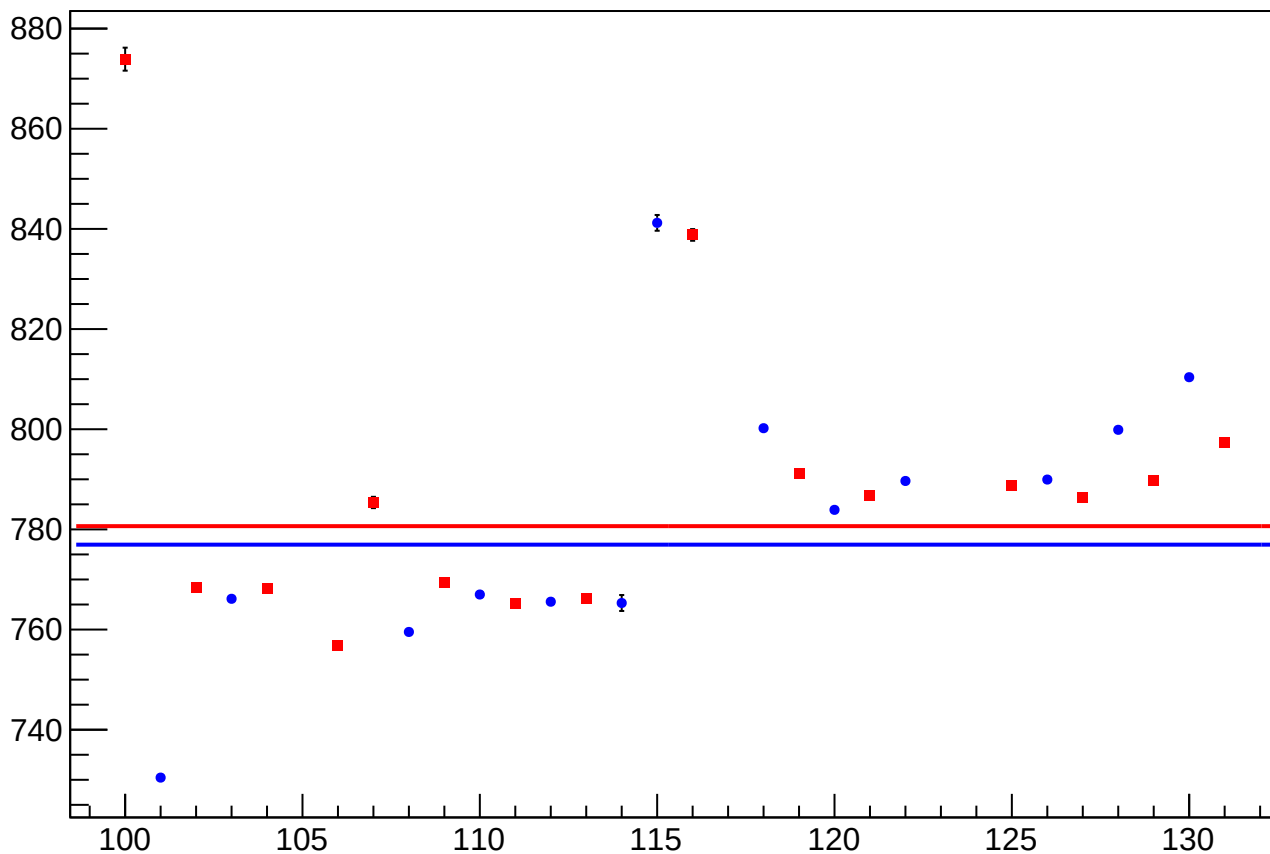
Right: -94.179+/-227.361 χ^2/NDF : 15.9/27

In: -273.552+/-330.132 χ^2/NDF :4.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -94.179+/-227.361 χ^2/NDF : 15.9/27

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 776.953+/-0.233 χ^2/NDF : 12109.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

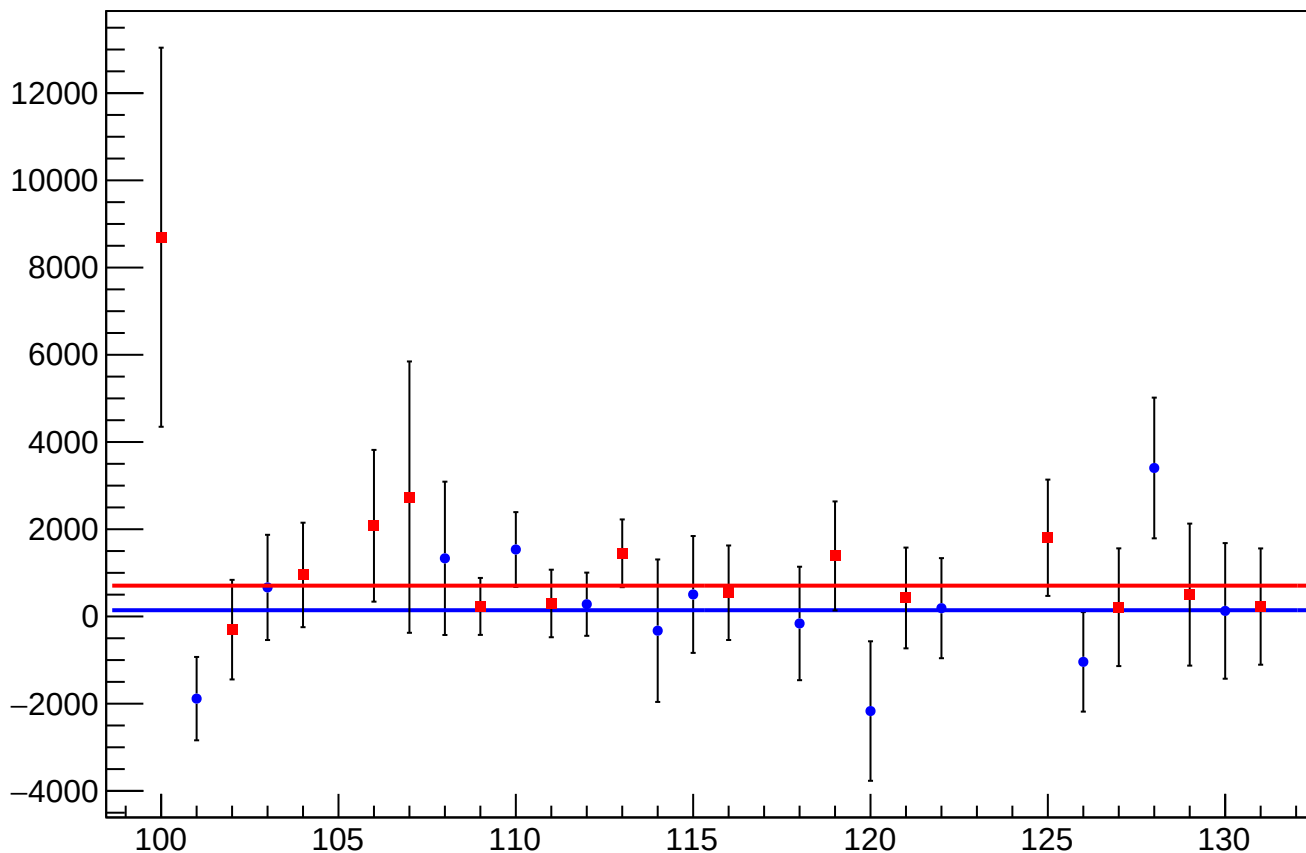
Right: 778.896+/-0.161 χ^2/NDF : 19436.8/27

In: 776.953+/-0.233 χ^2/NDF : 12109.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.896+/-0.161 χ^2/NDF : 19436.8/27

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.070+/-322.562 χ^2/NDF : 15.3/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

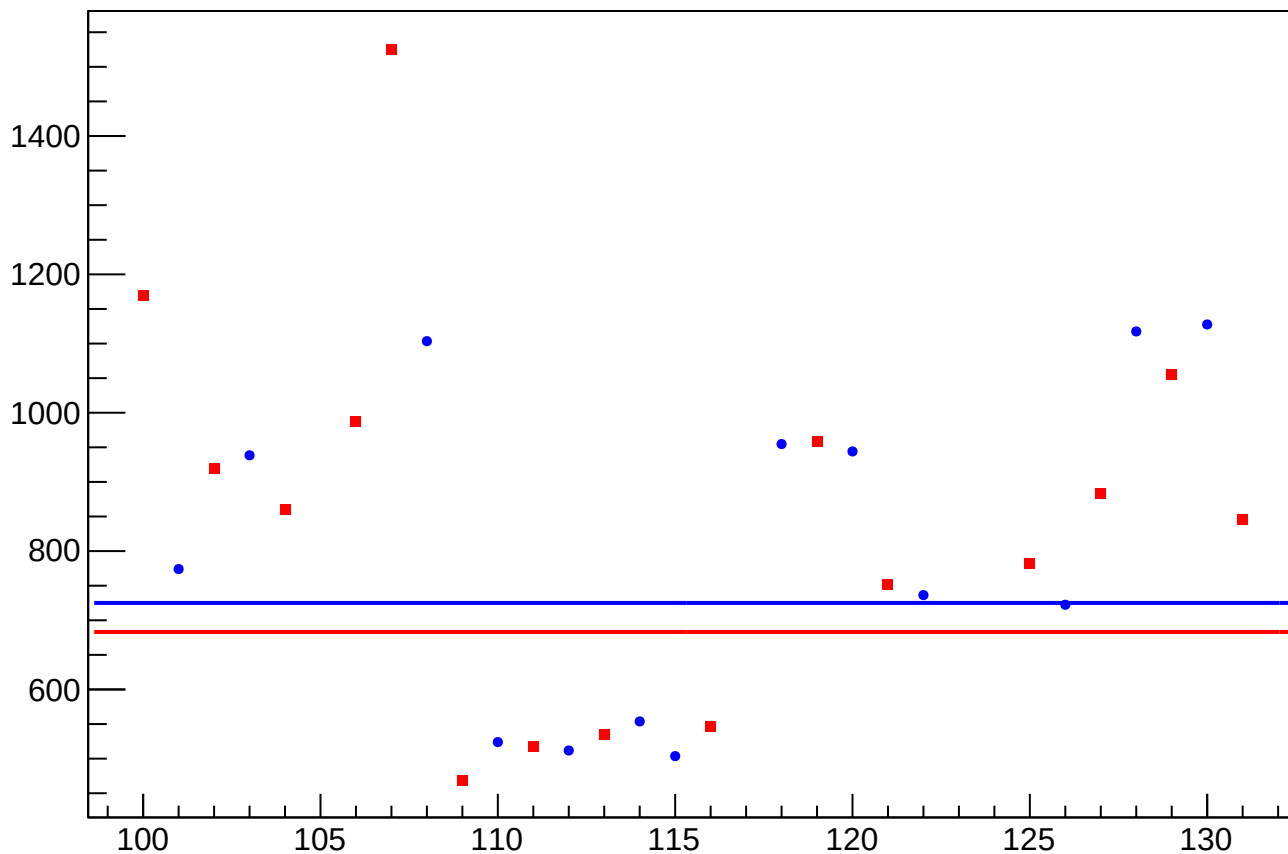
Right: 454.876+/-215.545 χ^2/NDF : 25.3/27

In: 143.070+/-322.562 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.876+/-215.545 χ^2/NDF : 25.3/27

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 725.087+/-0.228 χ^2/NDF : 872992.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

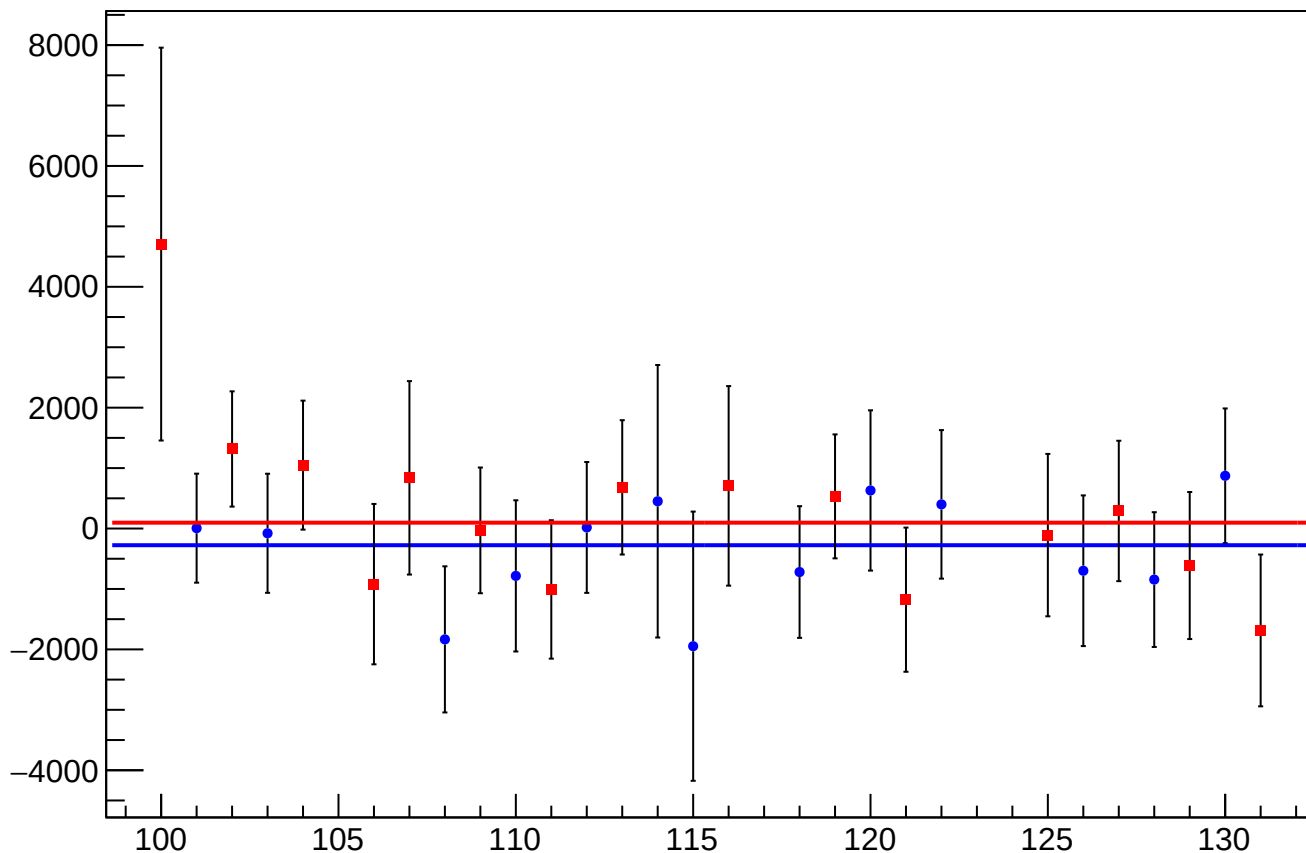
Right: 701.870+/-0.152 χ^2/NDF : 1959991.3/27

In: 725.087+/-0.228 χ^2/NDF : 872992.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.870+/-0.152 χ^2/NDF : 1959991.3/27

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -275.973+/-330.446 χ^2/NDF : 5.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

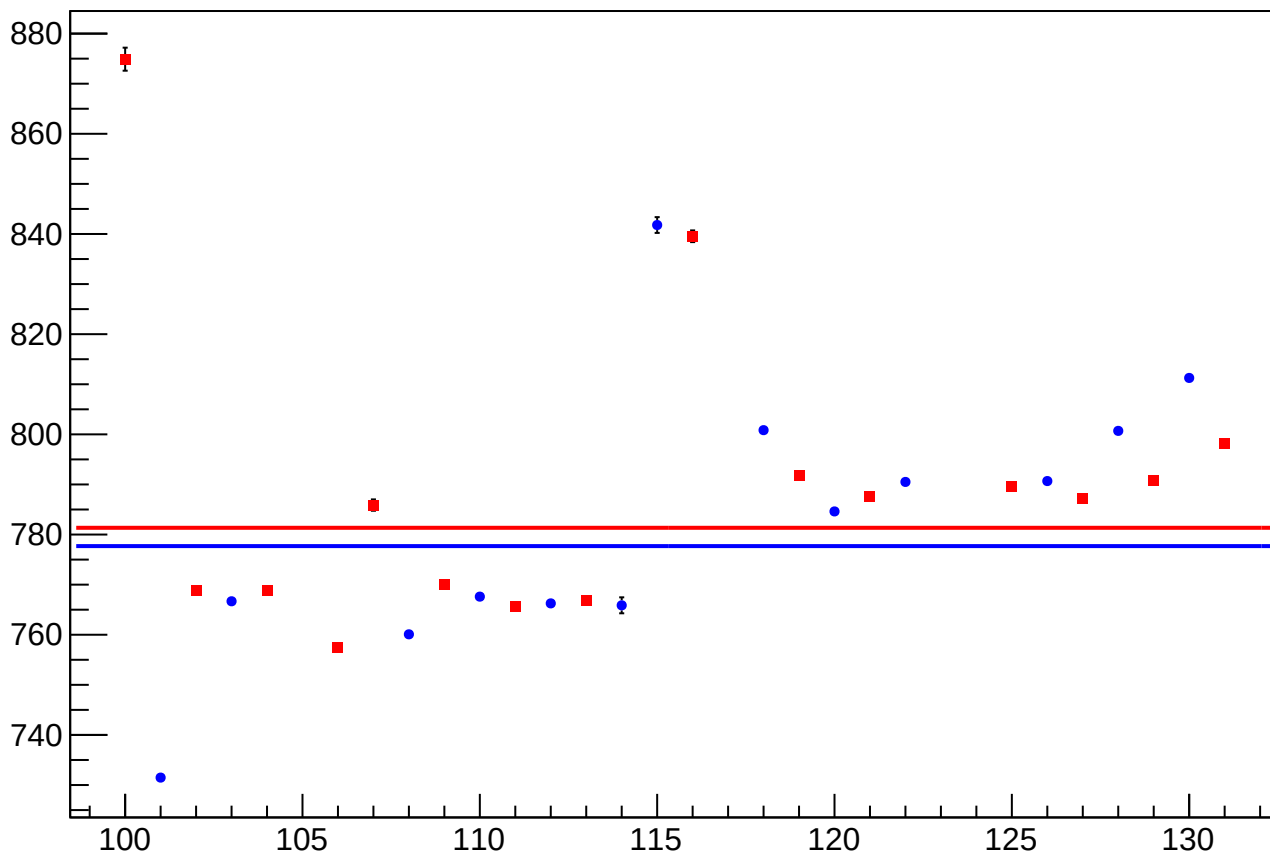
Right: -79.944+/-227.571 χ^2/NDF : 16.1/27

In: -275.973+/-330.446 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.944+/-227.571 χ^2/NDF : 16.1/27

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

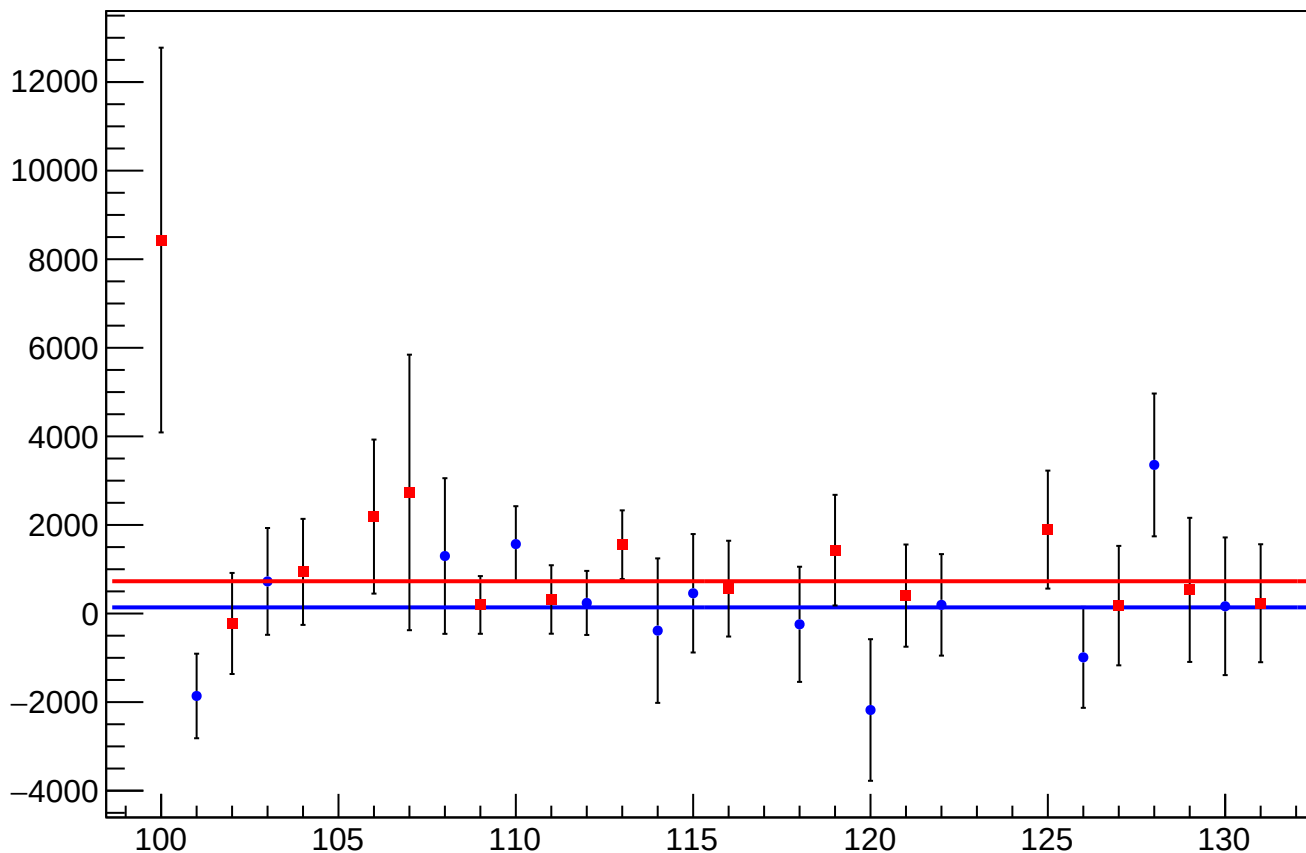
Right: 779.616+/-0.161 χ^2/NDF : 19414.1/27

In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.616+/-0.161 χ^2/NDF : 19414.1/27

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.938+/-322.138 χ^2/NDF : 15.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

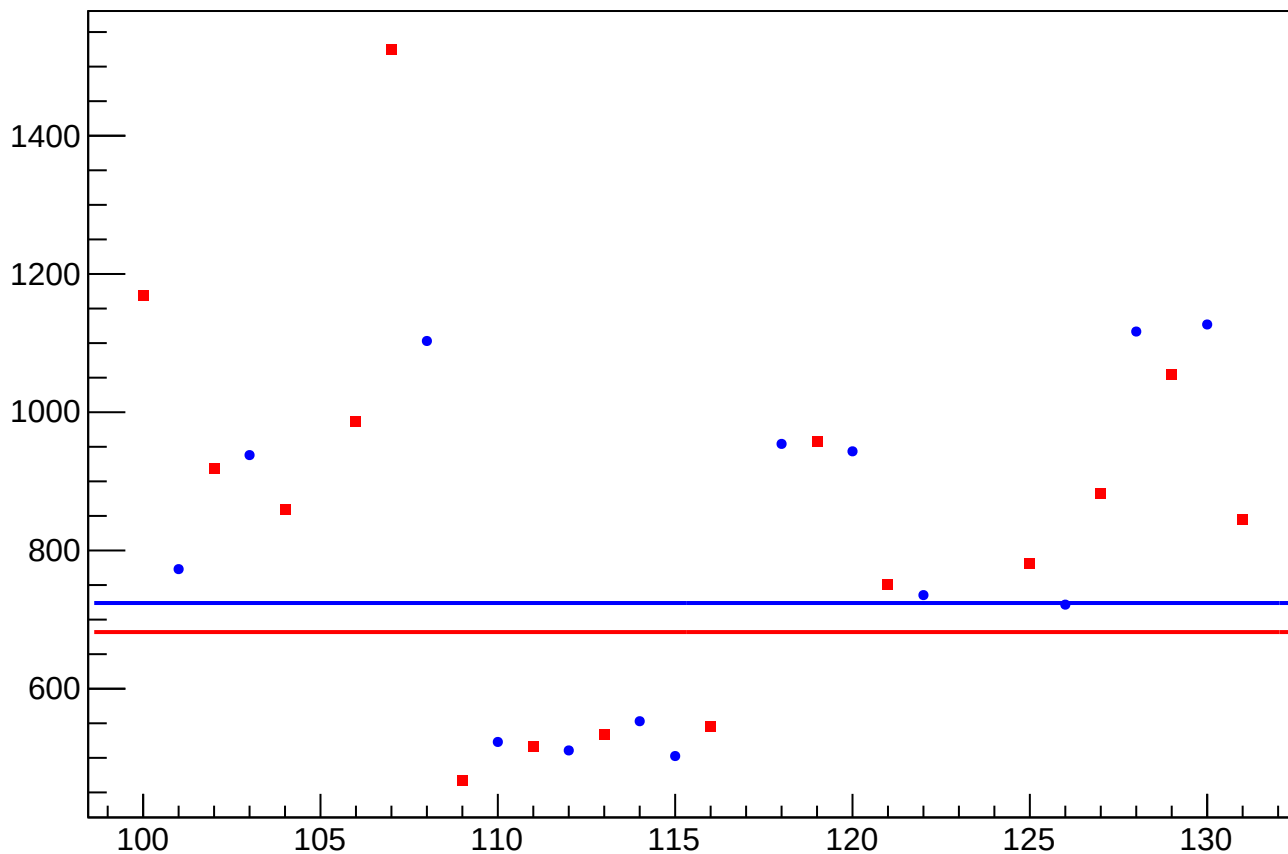
Right: 465.661+/-215.243 χ^2/NDF : 25.6/27

In: 138.938+/-322.138 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.661+/-215.243 χ^2/NDF : 25.6/27

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

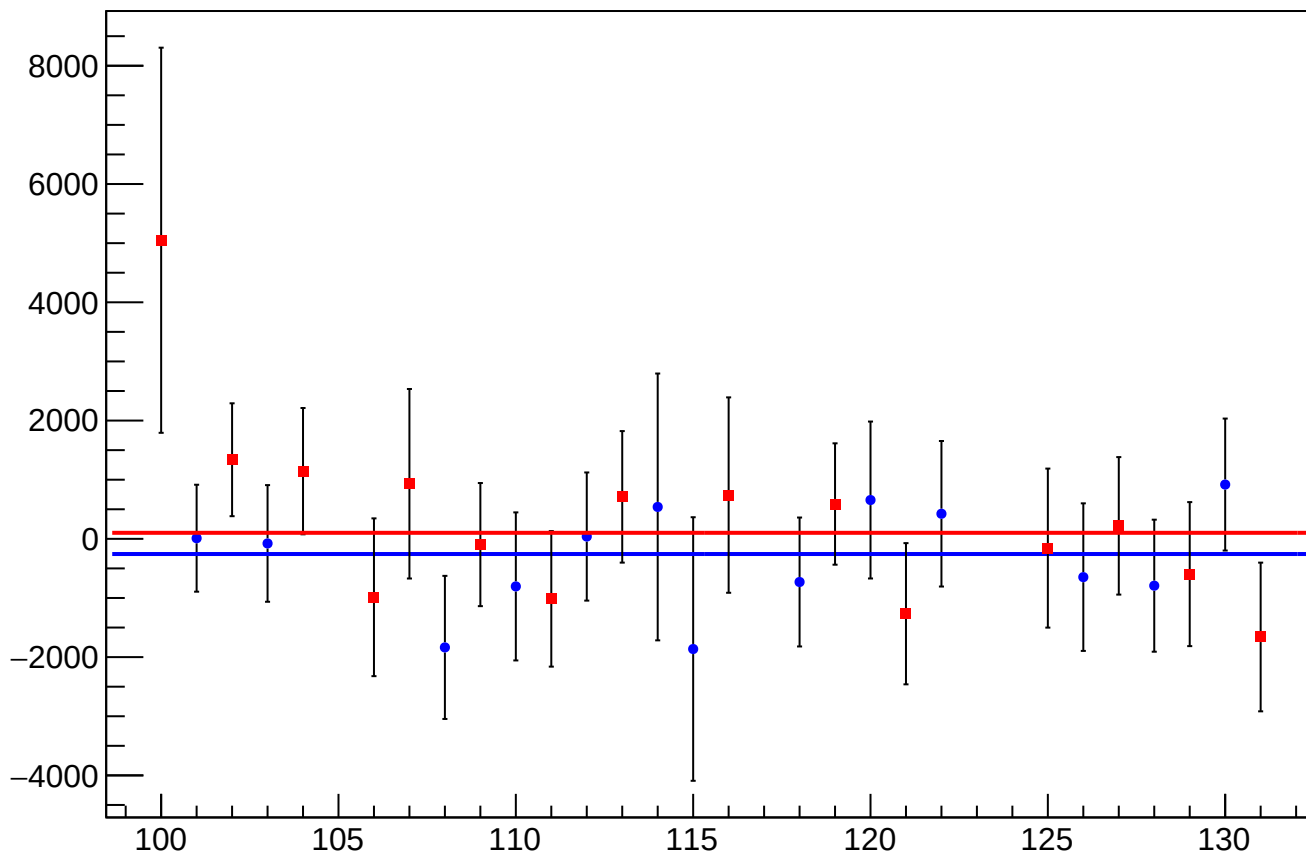
Right: 700.740+/-0.152 χ^2/NDF : 1967734.4/27

In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.740+/-0.152 χ^2/NDF : 1967734.4/27

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -256.623+/-330.780 χ^2/NDF : 5.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

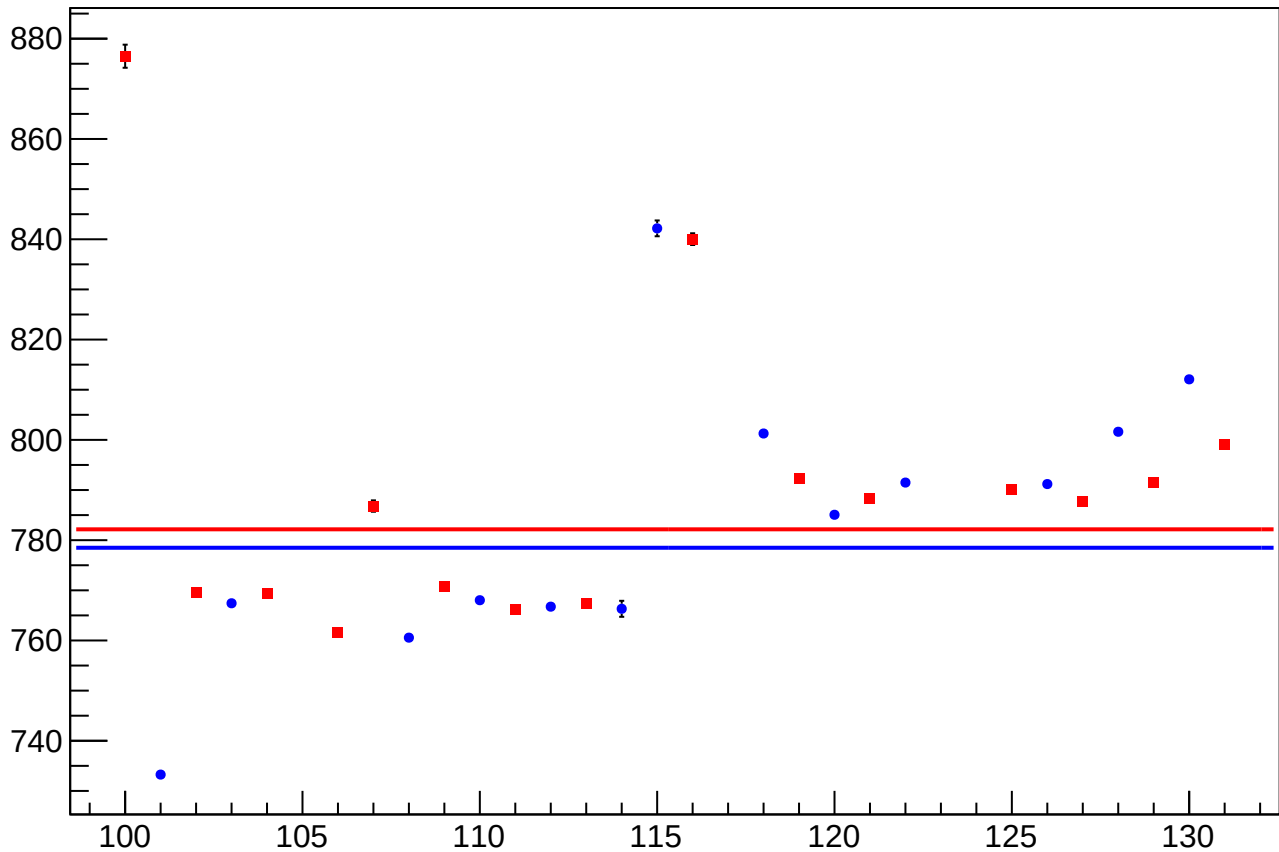
Right: -68.096+/-227.804 χ^2/NDF : 16.9/27

In: -256.623+/-330.780 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.096+/-227.804 χ^2/NDF : 16.9/27

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.489+/-0.234 χ^2/NDF : 11784.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

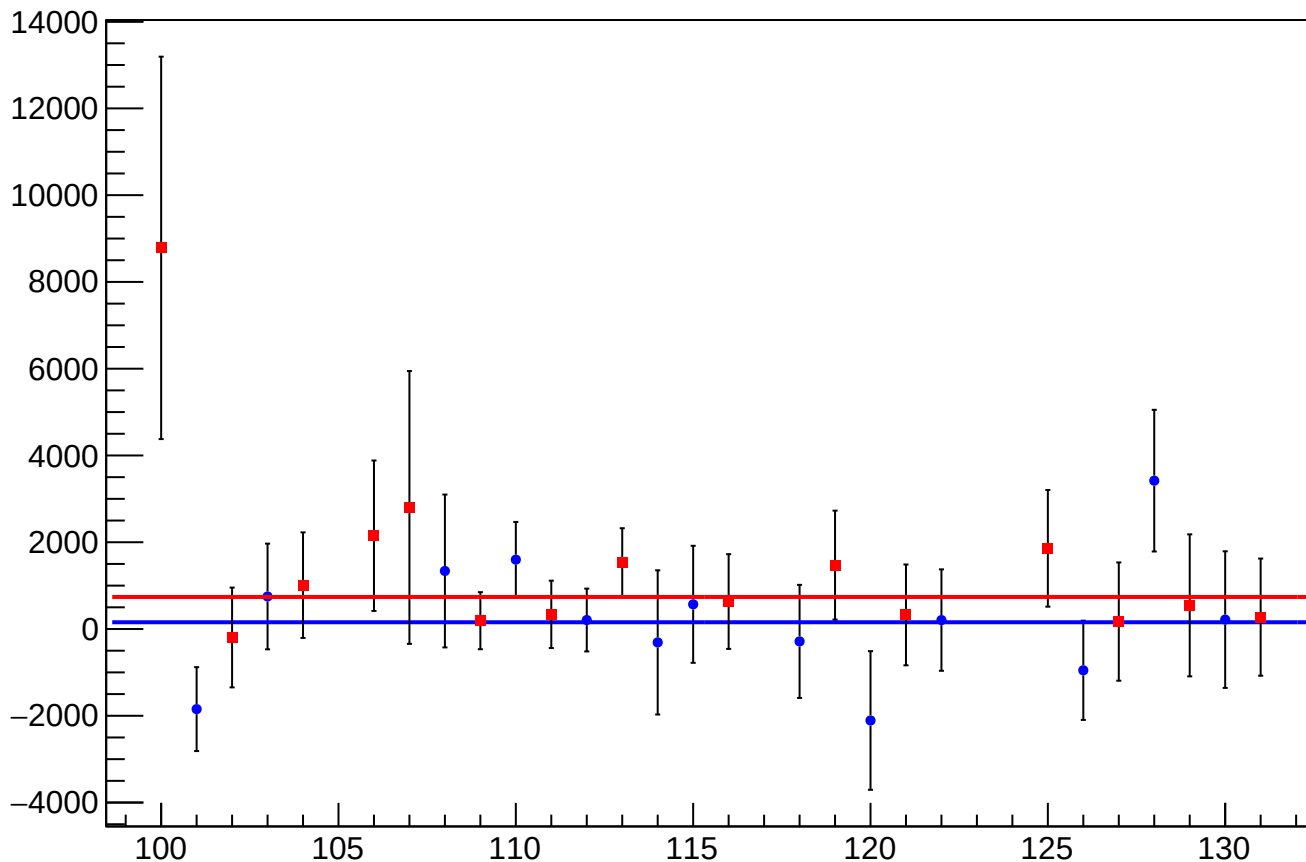
Right: 780.421+/-0.161 χ^2/NDF : 19012.1/27

In: 778.489+/-0.234 χ^2/NDF : 11784.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.421+/-0.161 χ^2/NDF : 19012.1/27

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 155.497+/-325.070 χ^2/NDF : 15.0/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

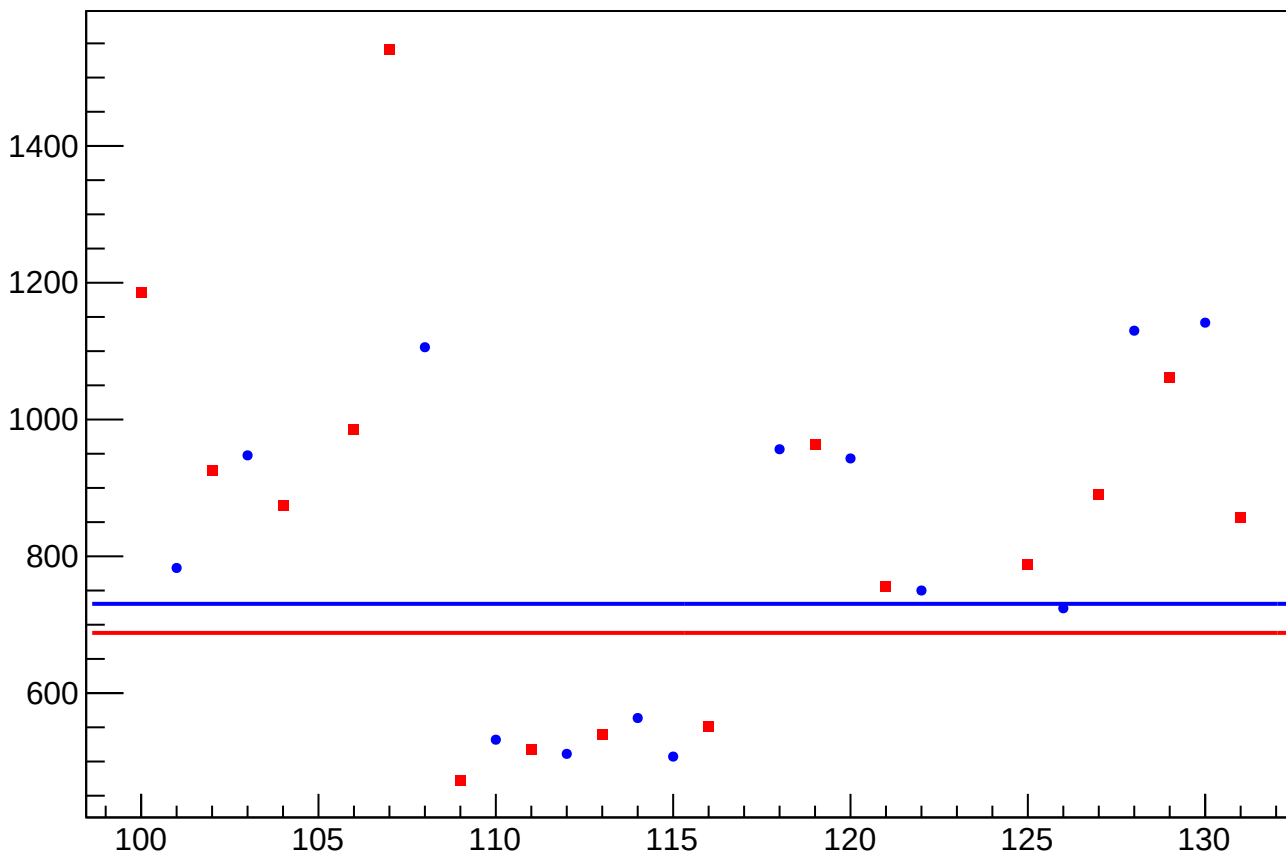
Right: 478.362+/-217.140 χ^2/NDF : 25.4/27

In: 155.497+/-325.070 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.362+/-217.140 χ^2/NDF : 25.4/27

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 730.553+/-0.230 χ^2/NDF : 875331.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

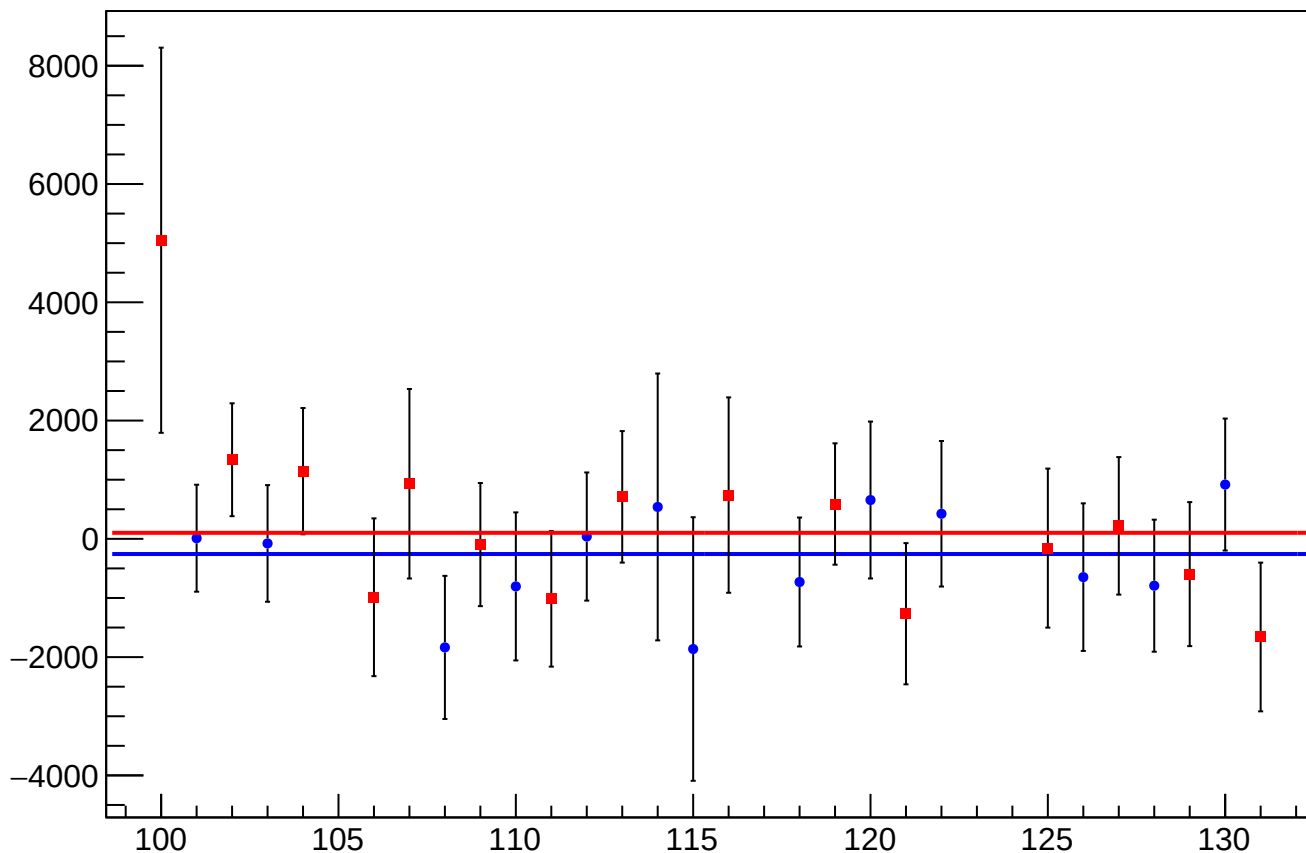
Right: 707.019+/-0.154 χ^2/NDF : 1966836.7/27

In: 730.553+/-0.230 χ^2/NDF : 875331.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.019+/-0.154 χ^2/NDF : 1966836.7/27

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -256.626+/-330.780 χ^2/NDF : 5.1/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

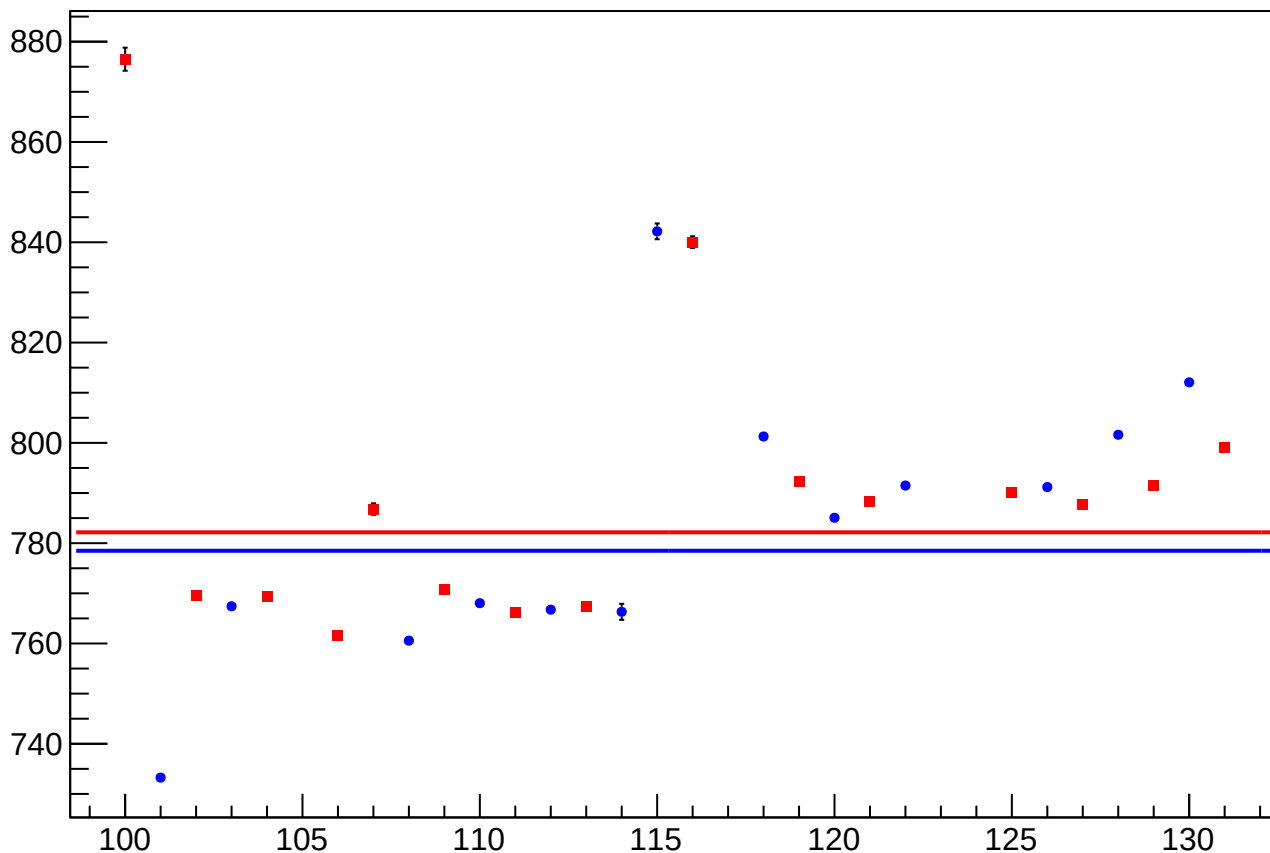
Right: -68.098+/-227.804 χ^2/NDF : 16.9/27

In: -256.626+/-330.780 χ^2/NDF :5.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.098+/-227.804 χ^2/NDF : 16.9/27

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.489+/-0.234 χ^2/NDF : 11784.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

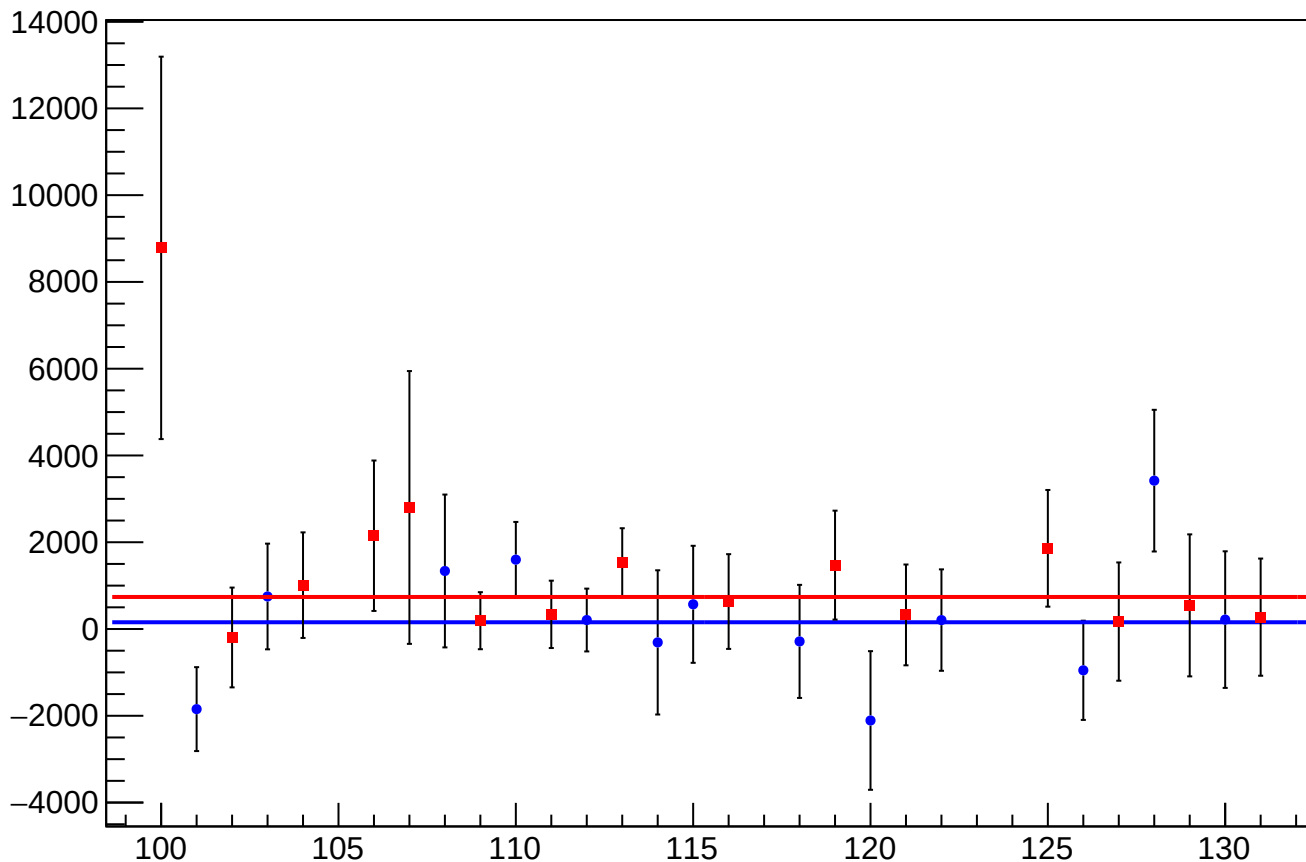
Right: 780.421+/-0.161 χ^2/NDF : 19012.1/27

In: 778.489+/-0.234 χ^2/NDF : 11784.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.421+/-0.161 χ^2/NDF : 19012.1/27

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 155.497 $\pm$ 325.069 χ^2 /NDF: 15.0/12

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

Right Out: 738.488 $\pm$ 291.782 χ^2 /NDF: 8.6/14

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

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

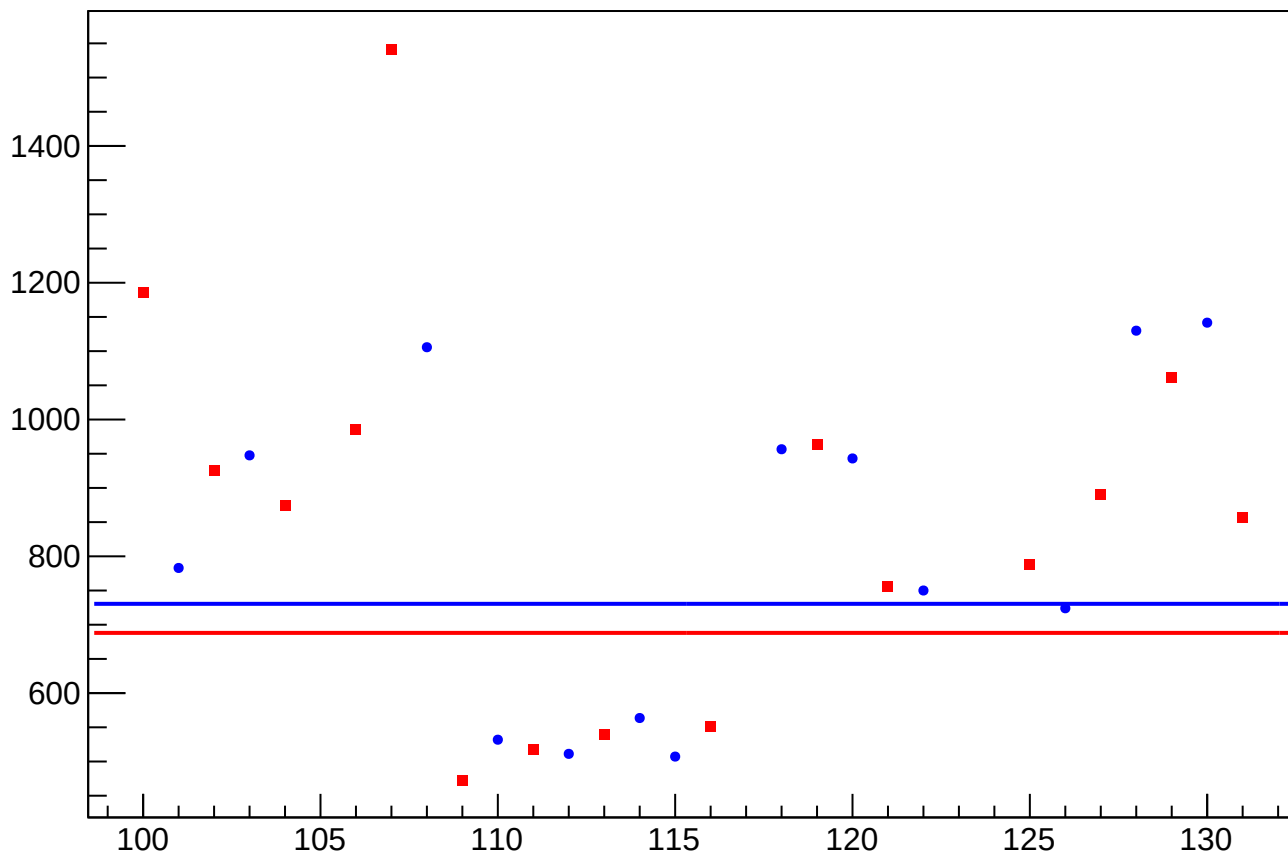
Right: 478.361 $\pm$ 217.139 χ^2 /NDF: 25.4/27

In: 155.497 $\pm$ 325.069 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 478.361 $\pm$ 217.139 χ^2 /NDF: 25.4/27

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 730.548+/-0.230 χ^2/NDF : 875346.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

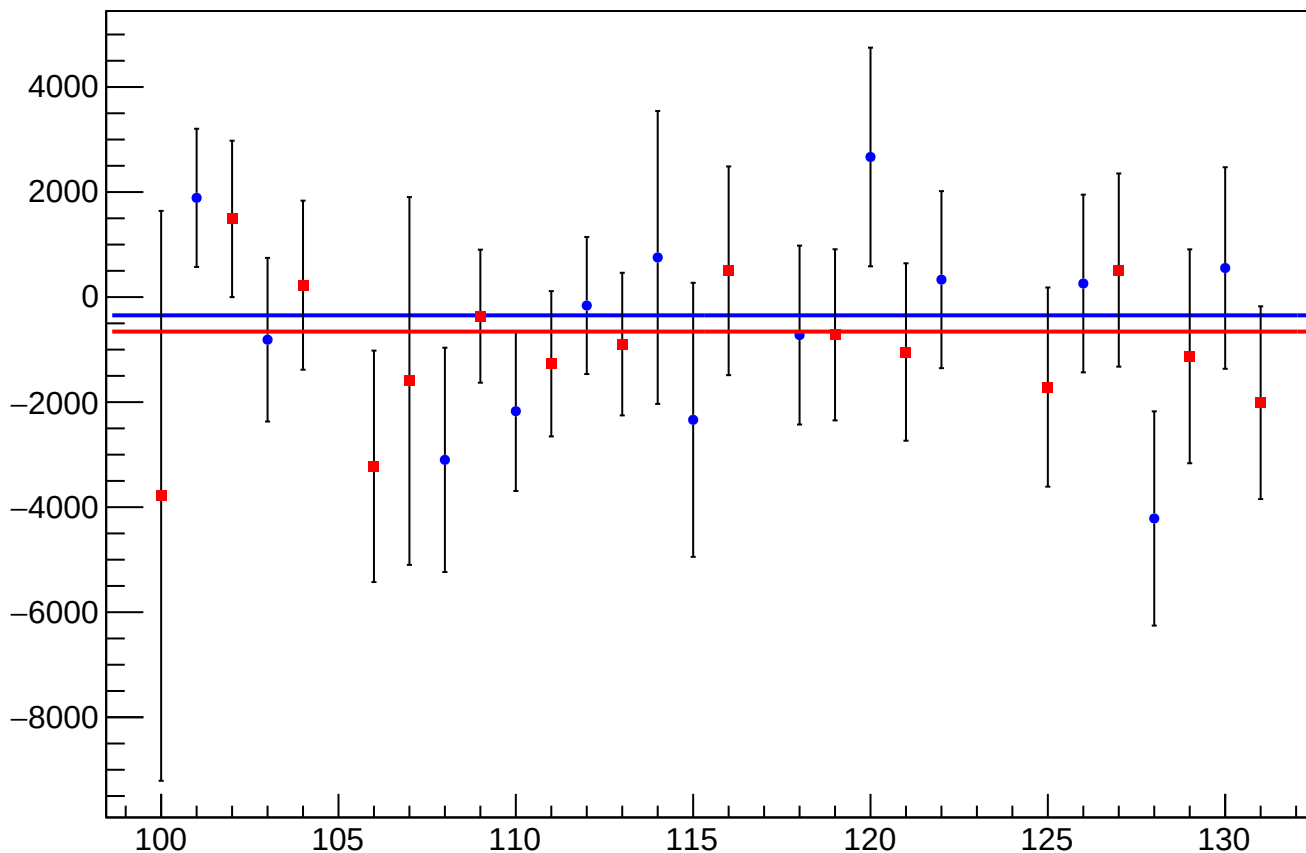
Right: 707.015+/-0.154 χ^2/NDF : 1966872.2/27

In: 730.548+/-0.230 χ^2/NDF : 875346.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.015+/-0.154 χ^2/NDF : 1966872.2/27

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -347.537 ± 482.561 χ^2/NDF : 13.1/12

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

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

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

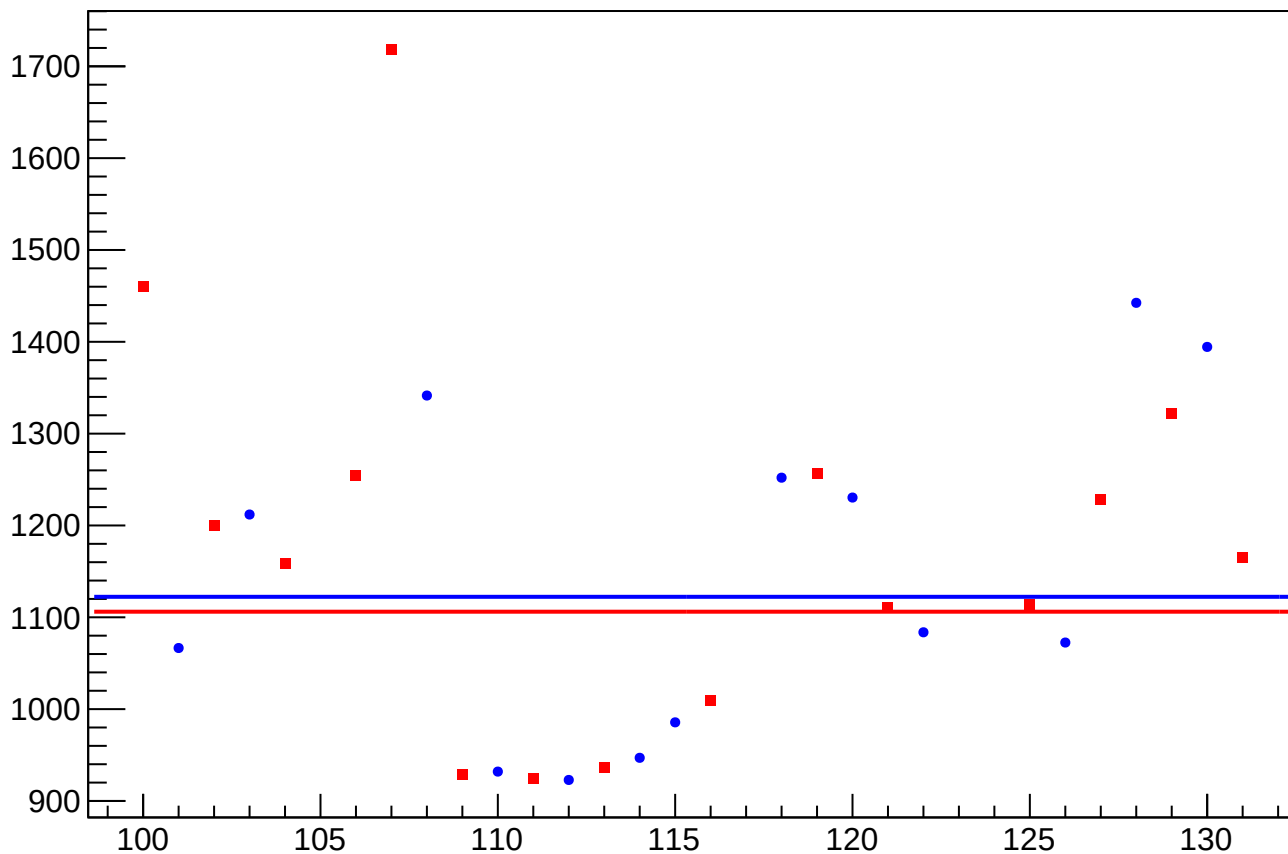
Right: -512.847 ± 329.090 χ^2/NDF : 19.4/27

In: -347.537 ± 482.561 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -512.847 ± 329.090 χ^2/NDF : 19.4/27

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

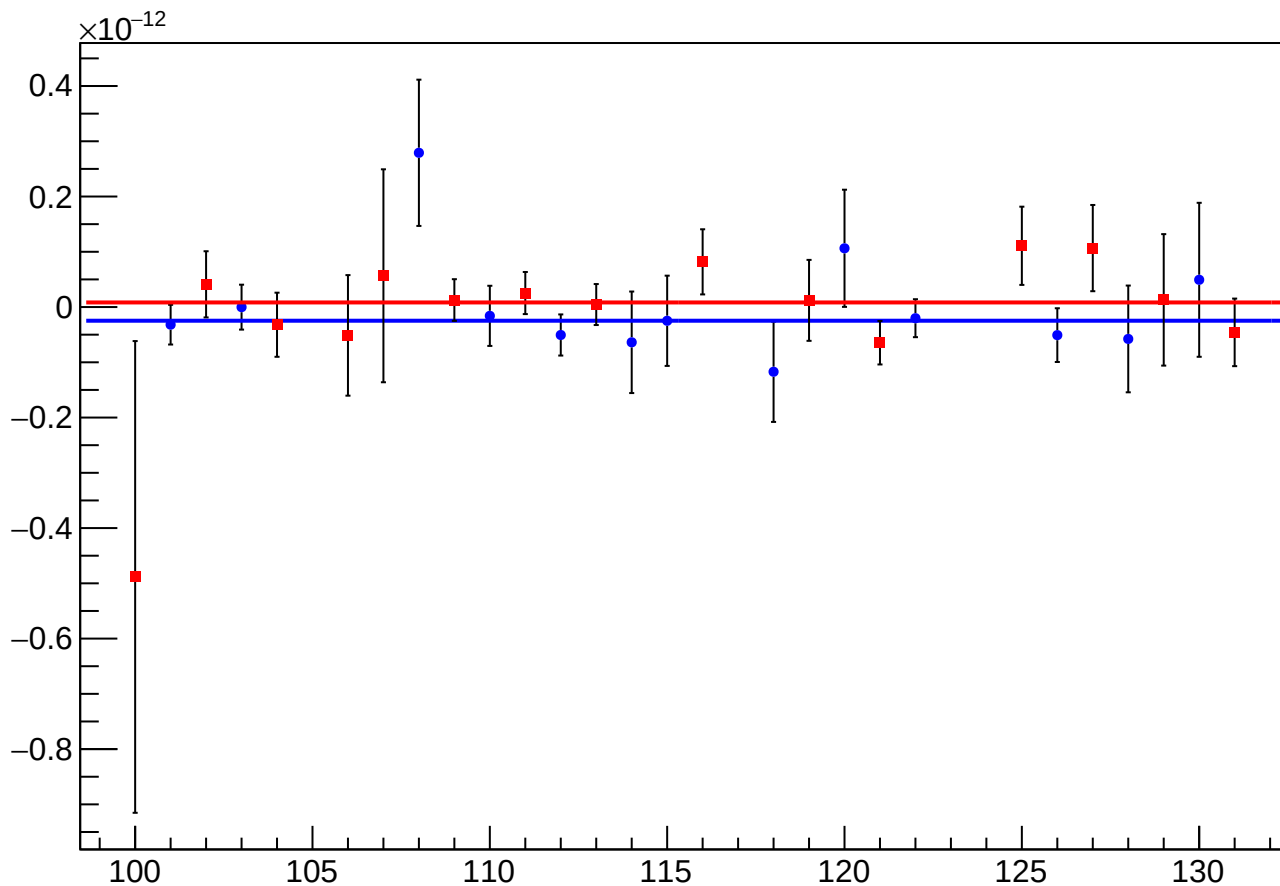
Right: 1113.640+/-0.233 χ^2/NDF : 481780.6/27

In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.640+/-0.233 χ^2/NDF : 481780.6/27

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.6/12

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 12.2/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

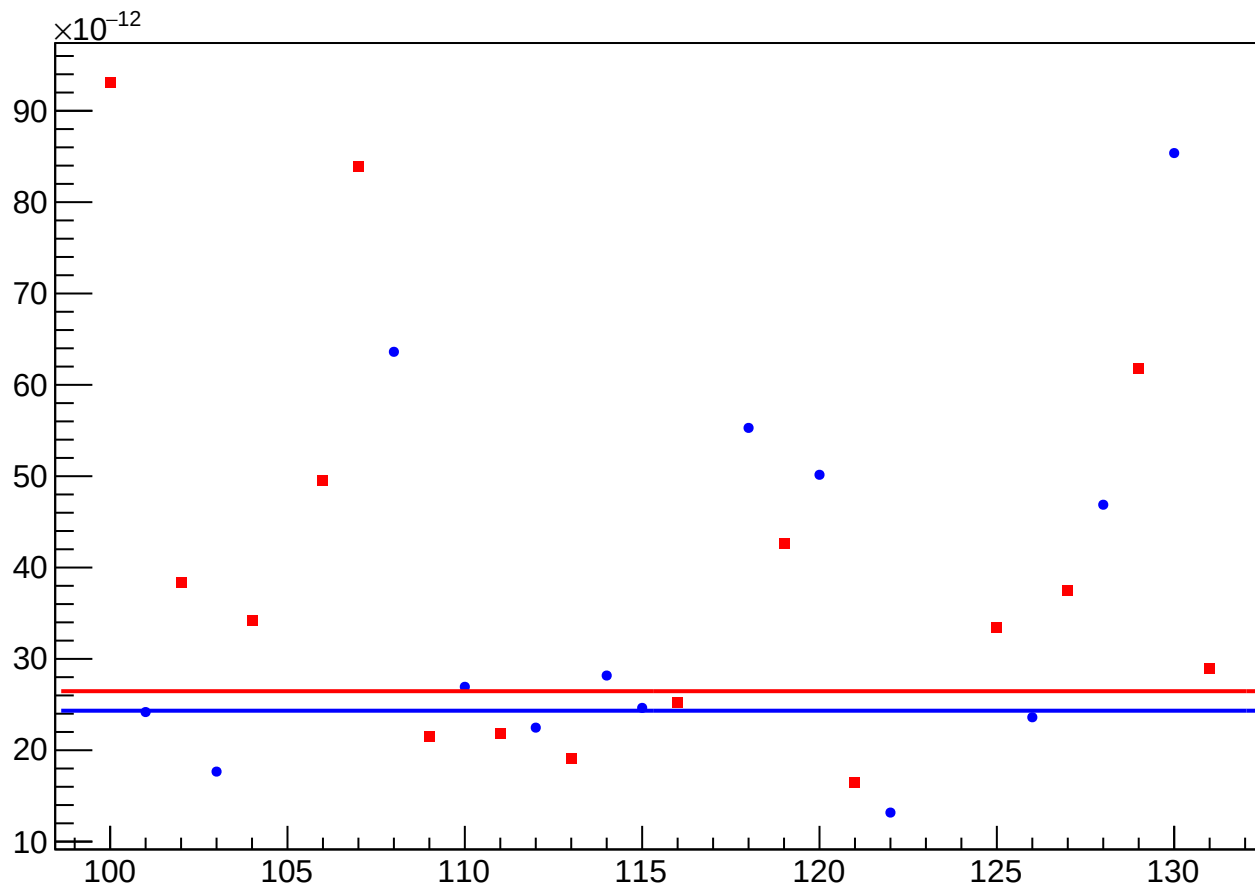
Right: -0.000 ± 0.000 χ^2/NDF : 24.3/27

In: -0.000 ± 0.000 χ^2/NDF : 9.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.3/27

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1298862.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

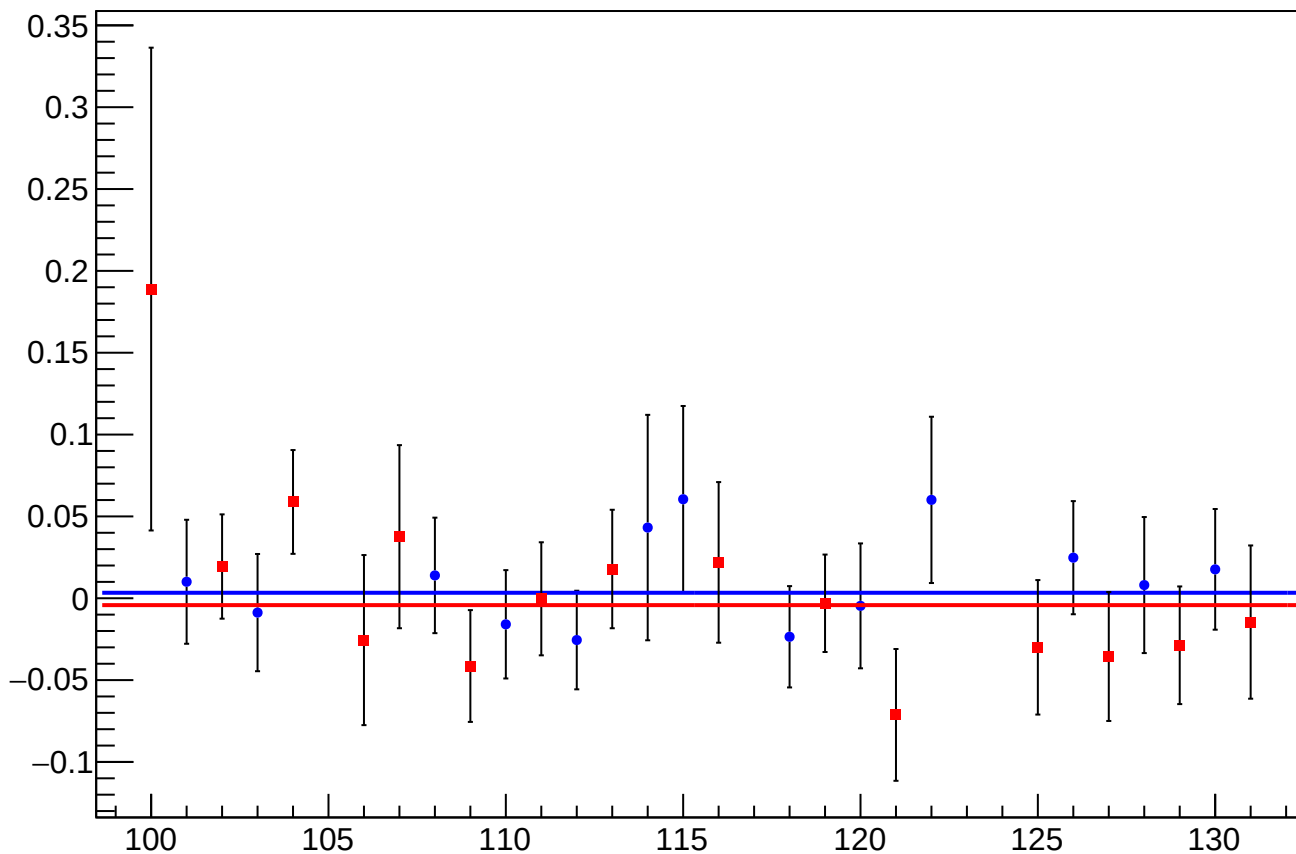
Right: 0.000+/-0.000 χ^2/NDF : 2360584.8/27

In: 0.000+/-0.000 χ^2/NDF : 1298862.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2360584.8/27

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.010 χ^2 /NDF: 5.4/12

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

Right Out: -0.004 $\pm$ 0.010 χ^2 /NDF: 13.1/14

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

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

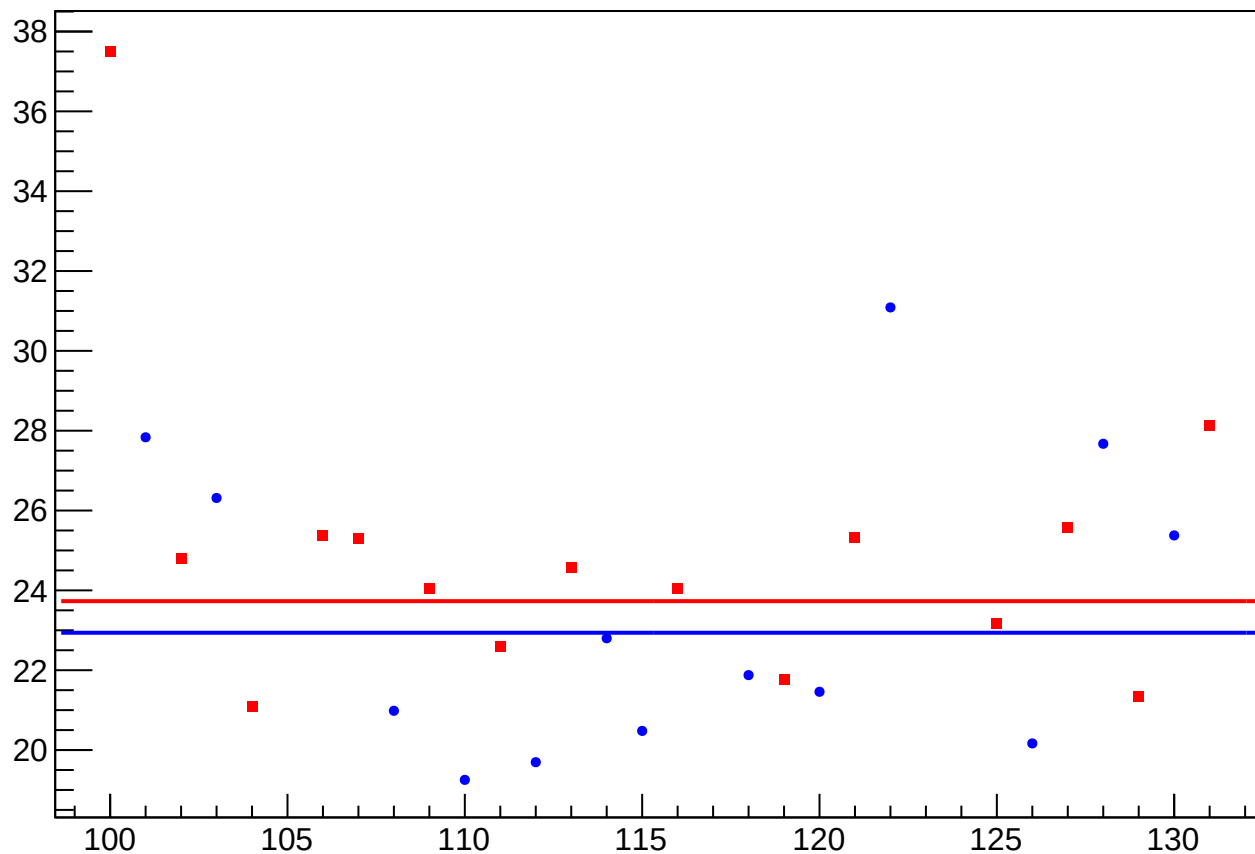
Right: -0.001 $\pm$ 0.007 χ^2 /NDF: 18.8/27

In: 0.003 $\pm$ 0.010 χ^2 /NDF:5.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.007 χ^2 /NDF: 18.8/27

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.938+/-0.007 χ^2/NDF : 213478.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

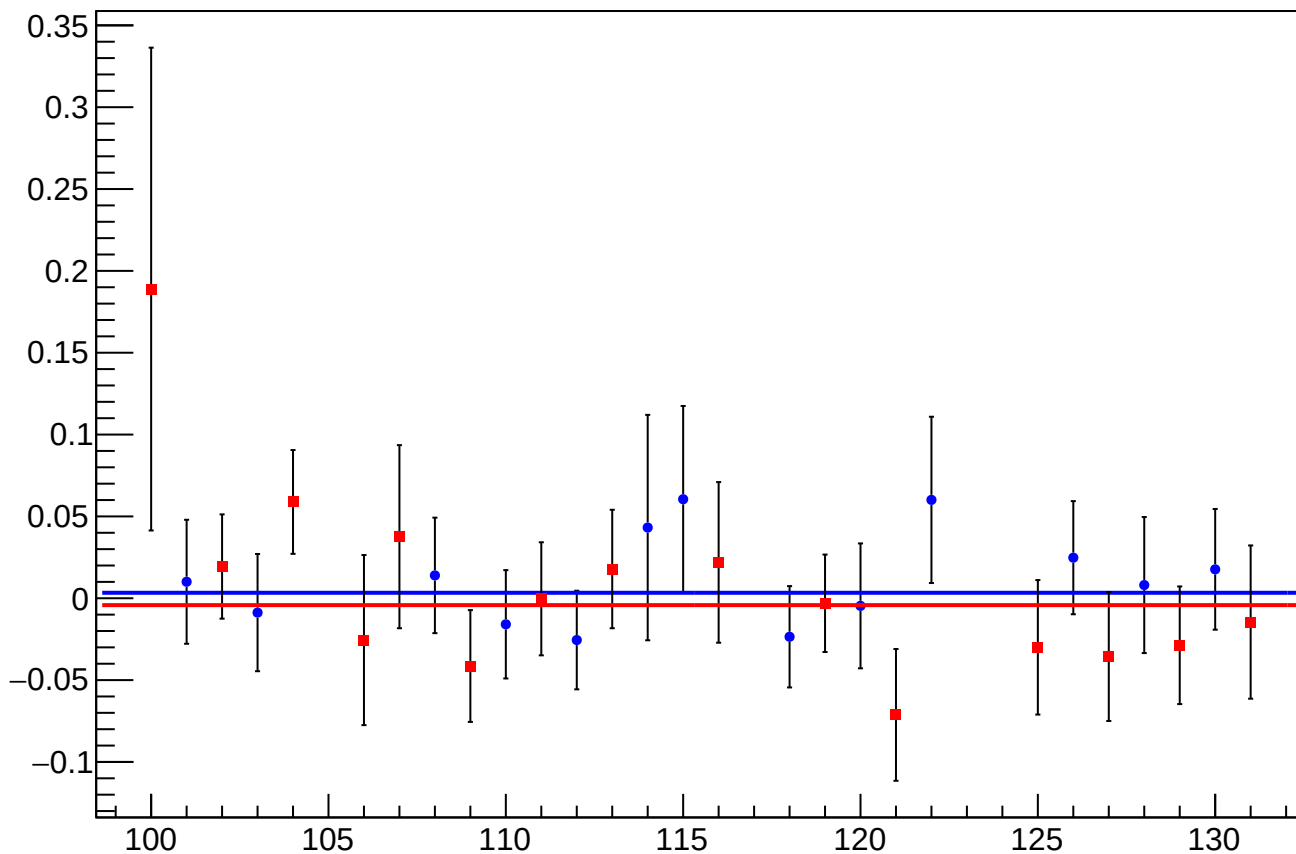
Right: 23.349+/-0.005 χ^2/NDF : 303115.6/27

In: 22.938+/-0.007 χ^2/NDF : 213478.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303115.6/27

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.010 χ^2 /NDF: 5.4/12

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

Right Out: -0.004 $\pm$ 0.010 χ^2 /NDF: 13.1/14

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

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

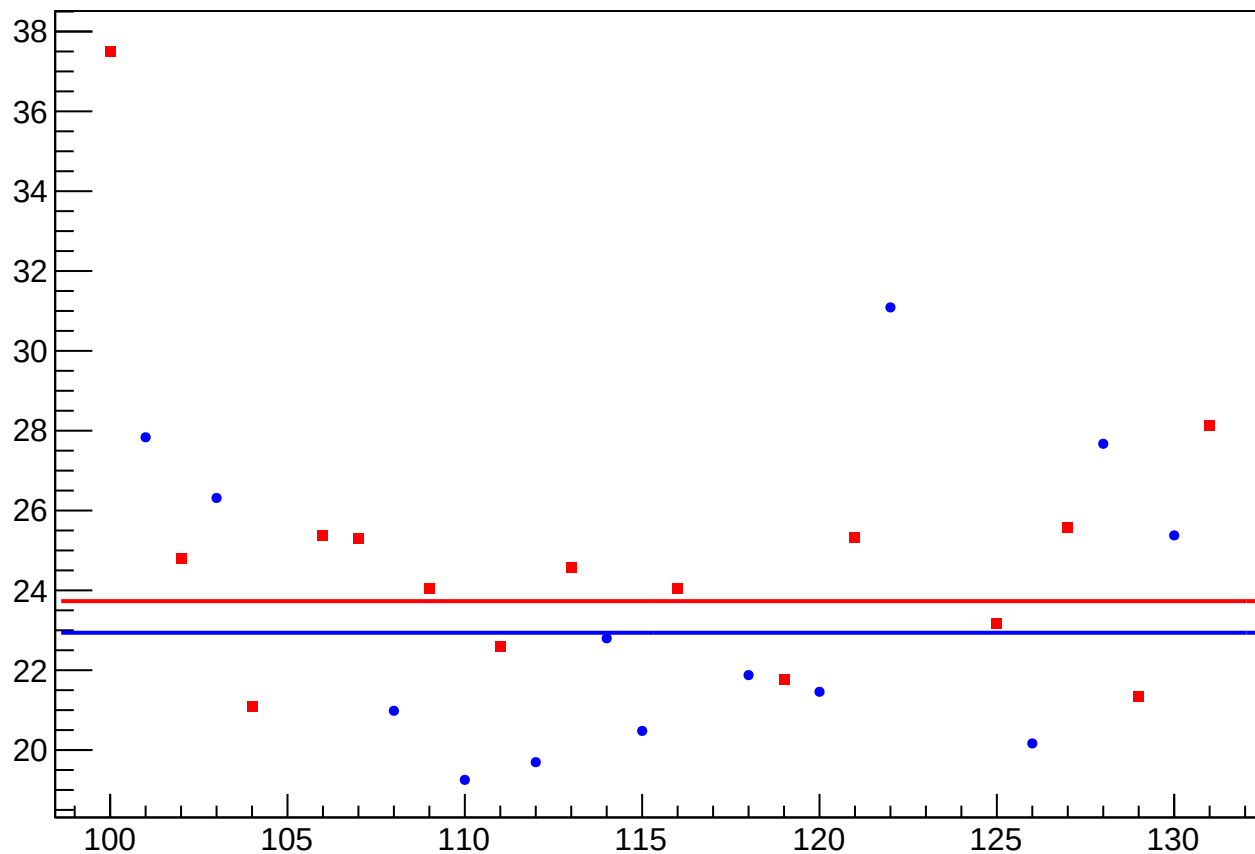
Right: -0.001 $\pm$ 0.007 χ^2 /NDF: 18.8/27

In: 0.003 $\pm$ 0.010 χ^2 /NDF:5.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.007 χ^2 /NDF: 18.8/27

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.938+/-0.007 χ^2/NDF : 213478.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

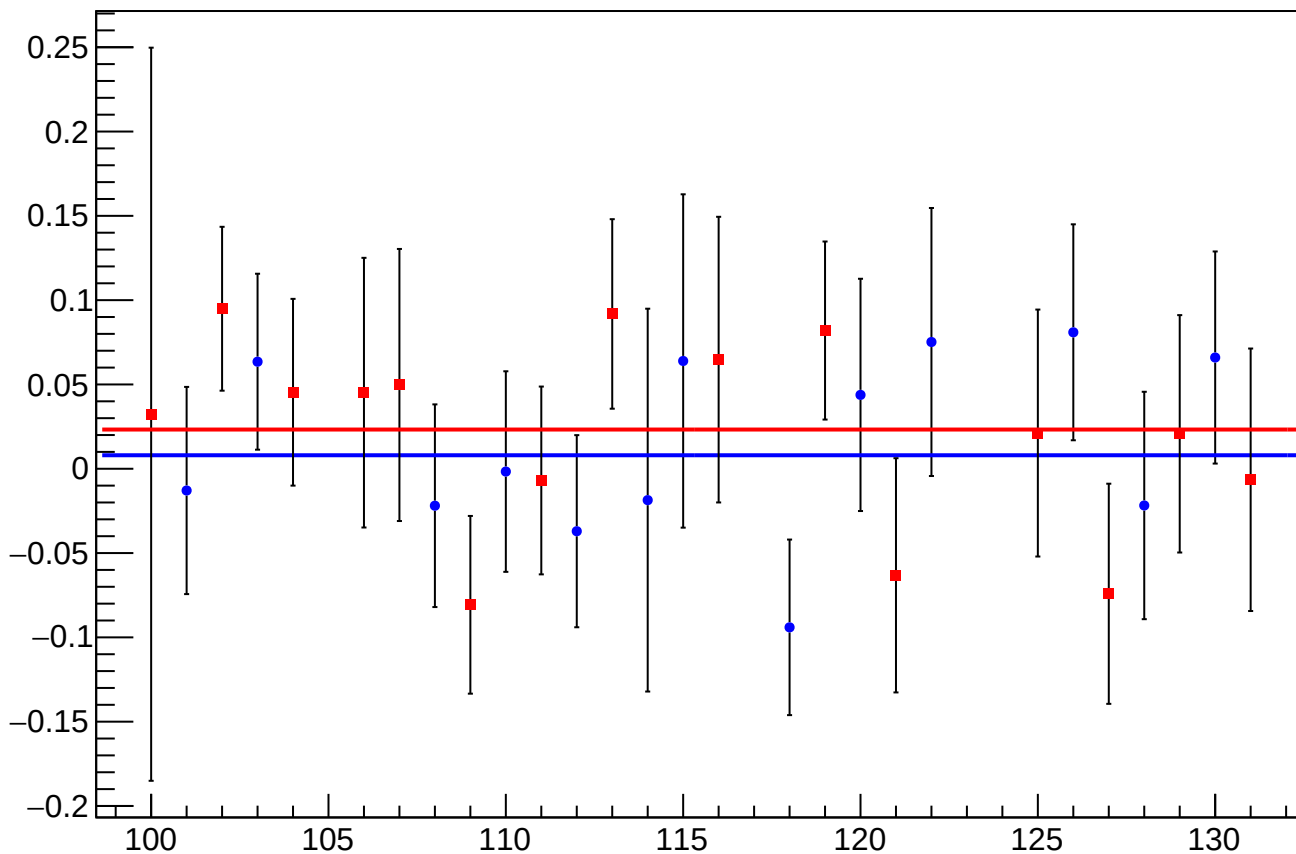
Right: 23.349+/-0.005 χ^2/NDF : 303115.6/27

In: 22.938+/-0.007 χ^2/NDF : 213478.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303115.6/27

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/12

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

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

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

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

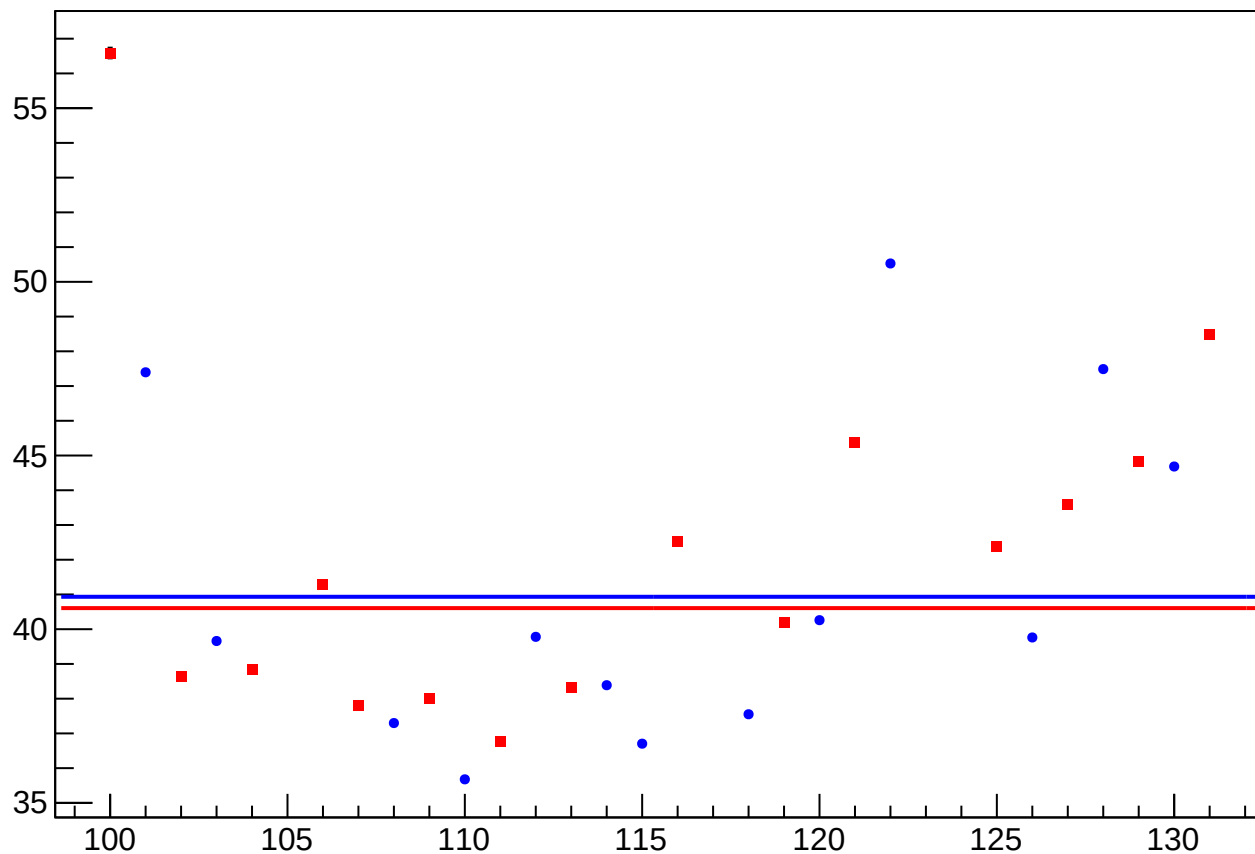
Right: 0.016 $\pm$ 0.012 χ^2 /NDF: 23.7/27

In: 0.008 $\pm$ 0.018 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.012 χ^2 /NDF: 23.7/27

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.933+/-0.013 χ^2/NDF : 116183.8/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

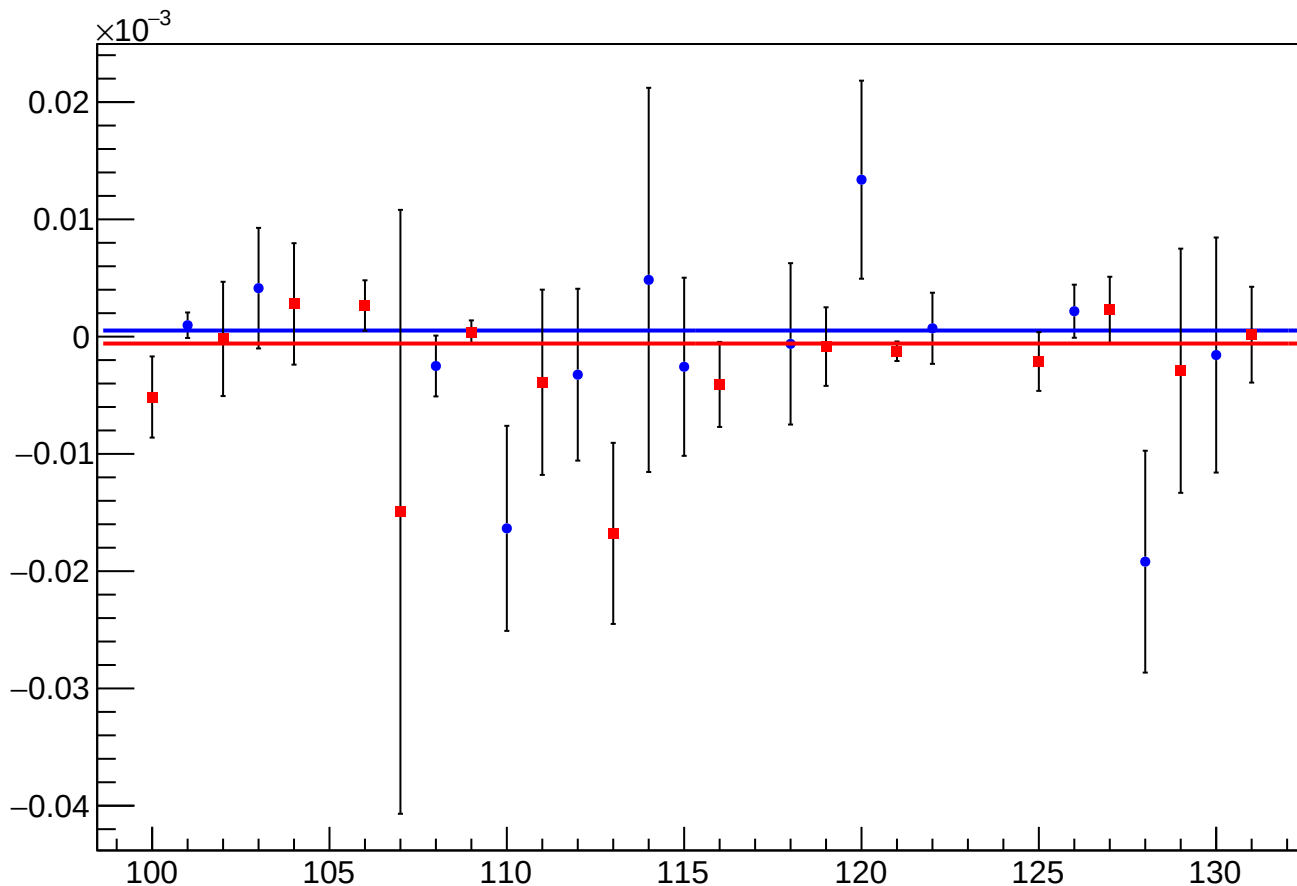
Right: 40.760+/-0.009 χ^2/NDF : 196613.6/27

In: 40.933+/-0.013 χ^2/NDF :116183.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.760+/-0.009 χ^2/NDF : 196613.6/27

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

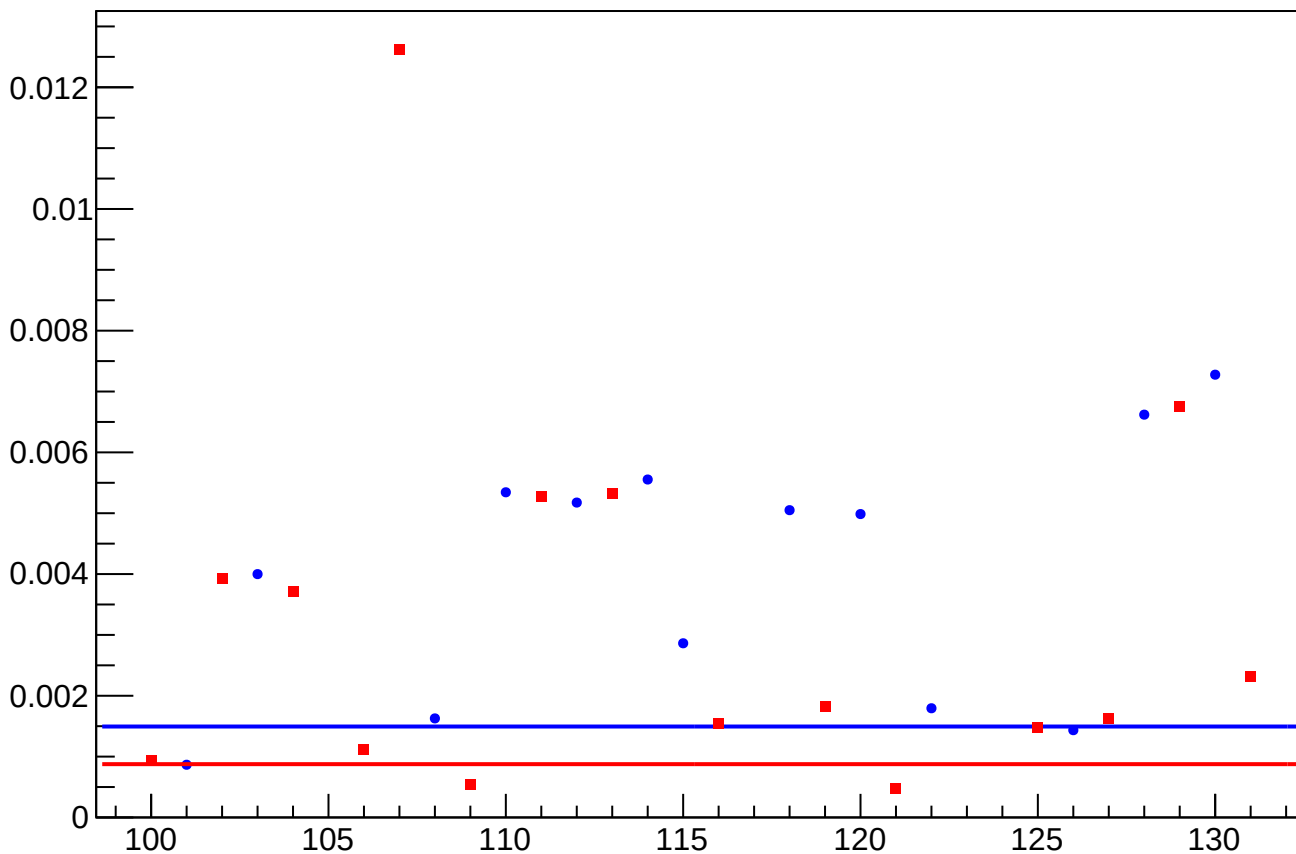
Right: -0.000+/-0.000 χ^2/NDF : 28.1/27

In: 0.000+/-0.000 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/27

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4379074.8/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

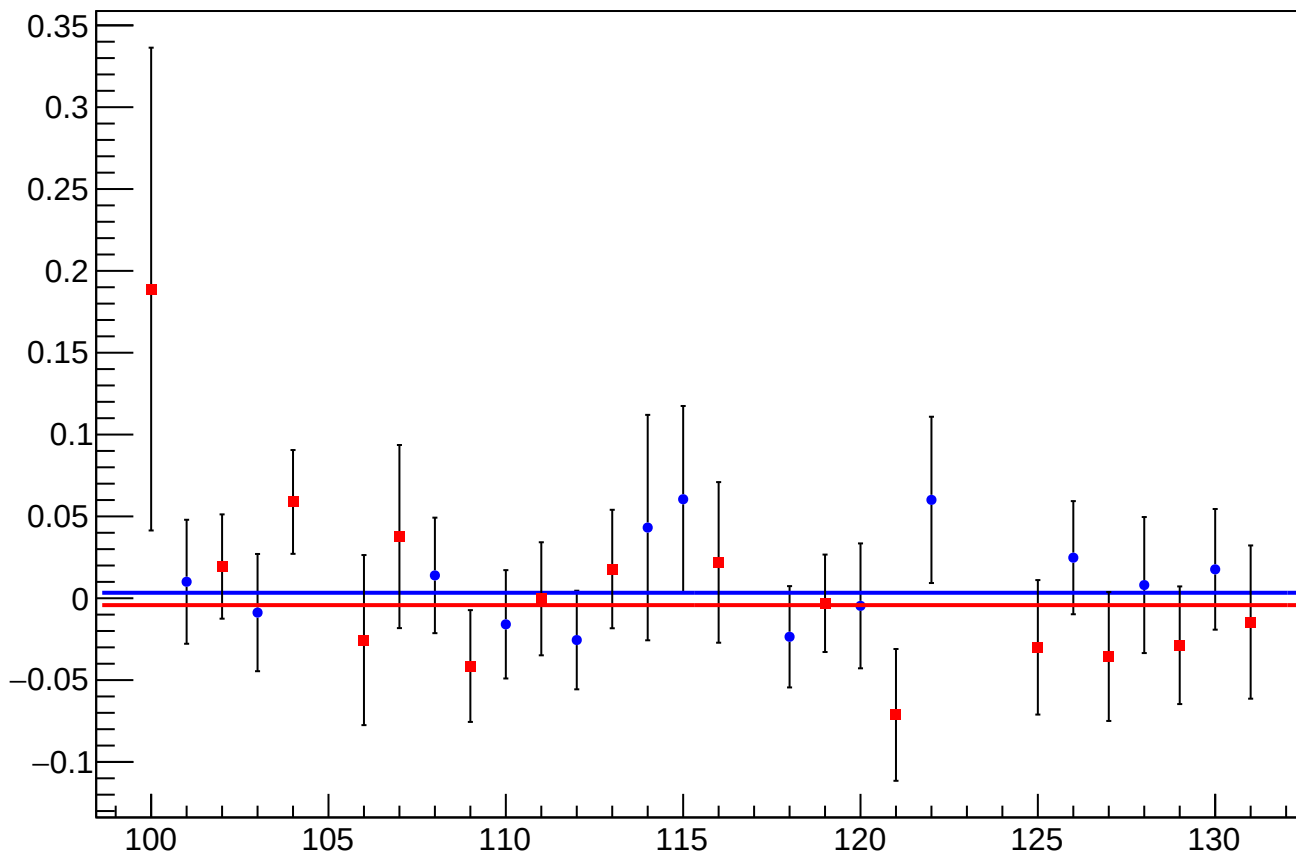
Right: 0.001+/-0.000 χ^2/NDF : 10321440.2/27

In: 0.001+/-0.000 χ^2/NDF :4379074.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10321440.2/27

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.010 χ^2 /NDF: 5.4/12

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

Right Out: -0.004 $\pm$ 0.010 χ^2 /NDF: 13.1/14

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

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

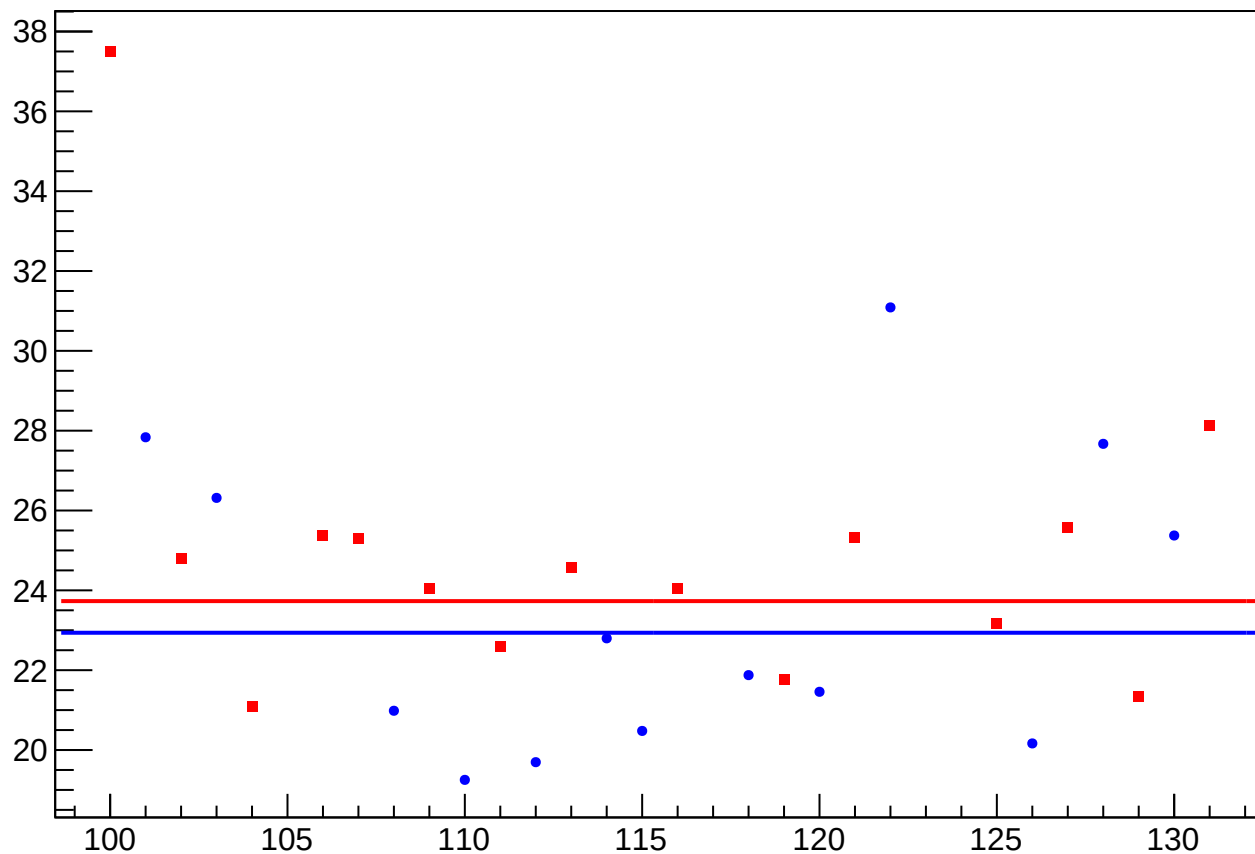
Right: -0.001 $\pm$ 0.007 χ^2 /NDF: 18.8/27

In: 0.003 $\pm$ 0.010 χ^2 /NDF:5.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.007 χ^2 /NDF: 18.8/27

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.938+/-0.007 χ^2/NDF : 213489.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

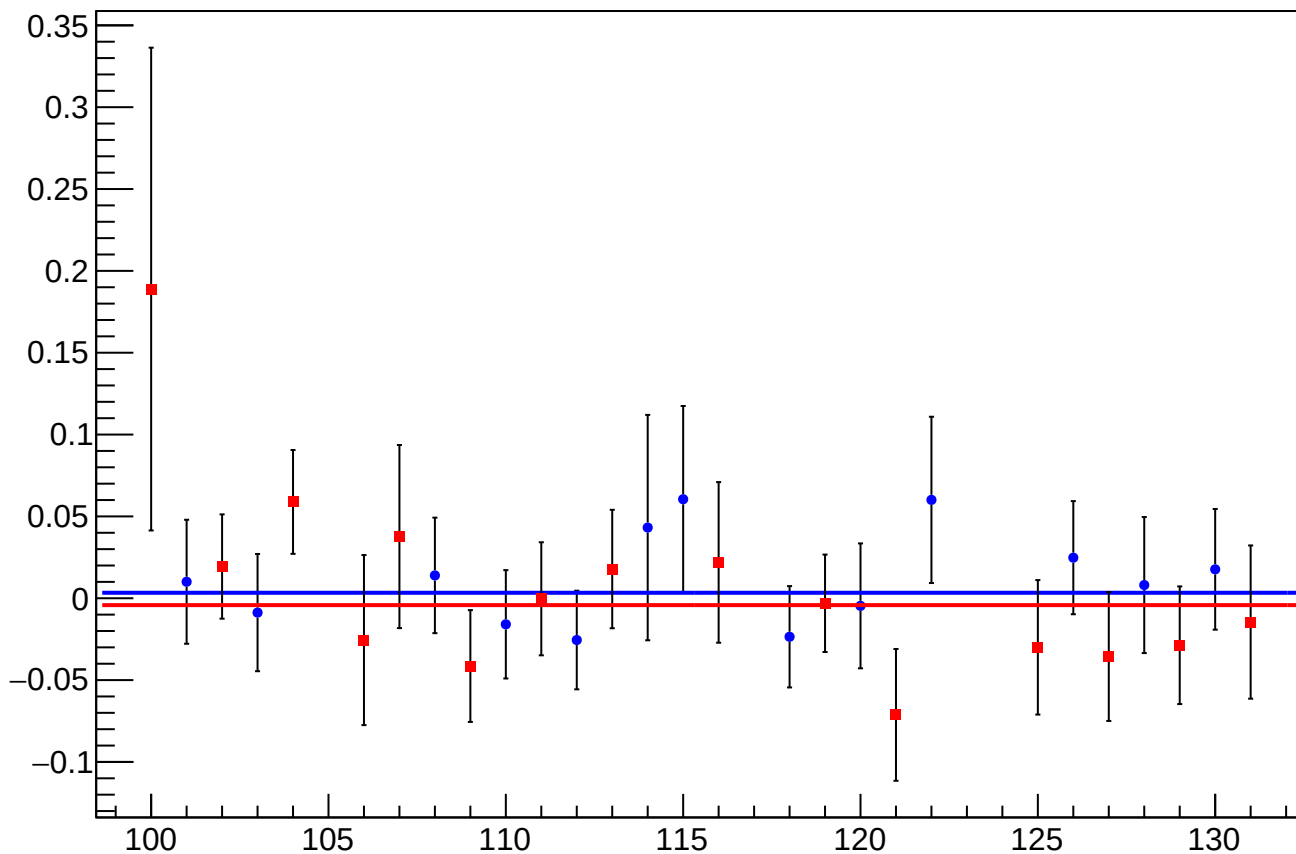
Right: 23.349+/-0.005 χ^2/NDF : 303120.9/27

In: 22.938+/-0.007 χ^2/NDF : 213489.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303120.9/27

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.010 χ^2/NDF : 5.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

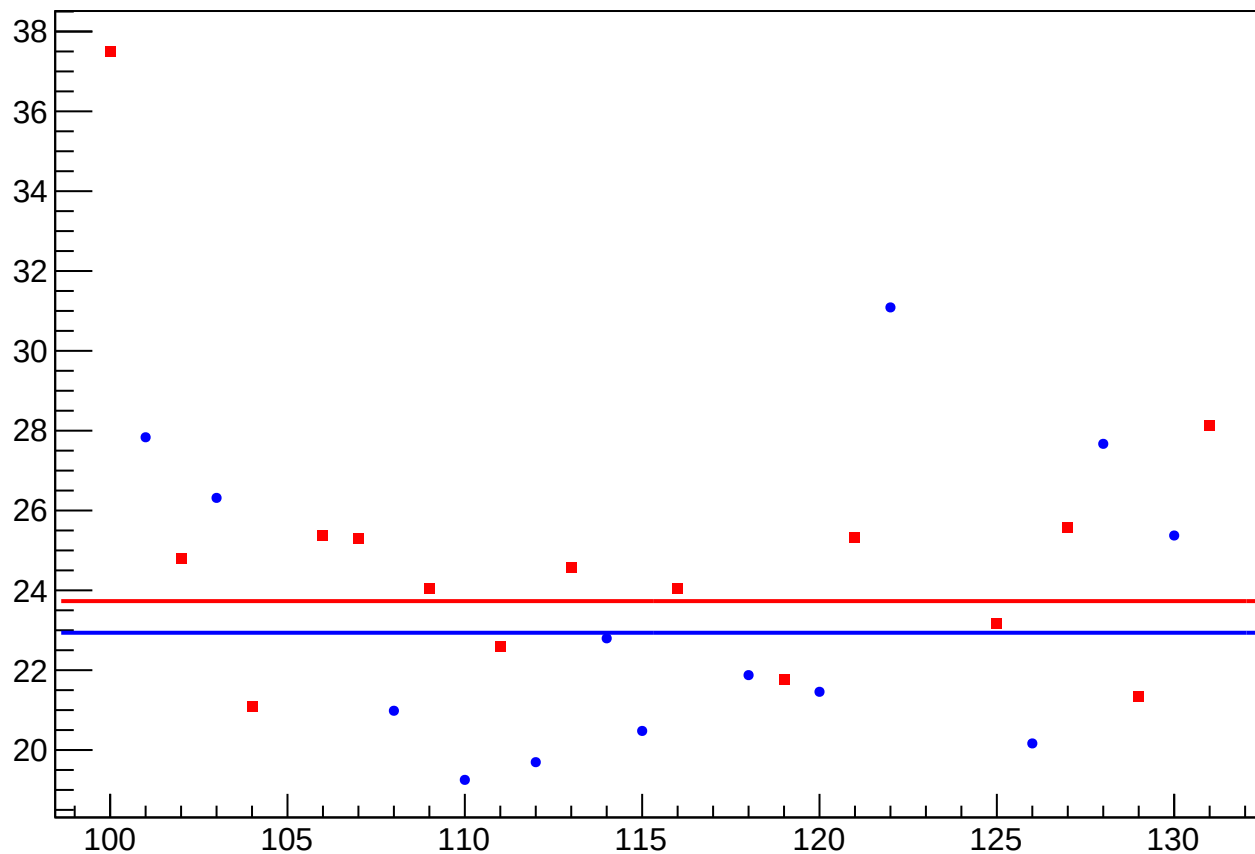
Right: -0.001+/-0.007 χ^2/NDF : 18.8/27

In: 0.003+/-0.010 χ^2/NDF : 5.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.007 χ^2/NDF : 18.8/27

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.938+/-0.007 χ^2/NDF : 213489.1/12

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

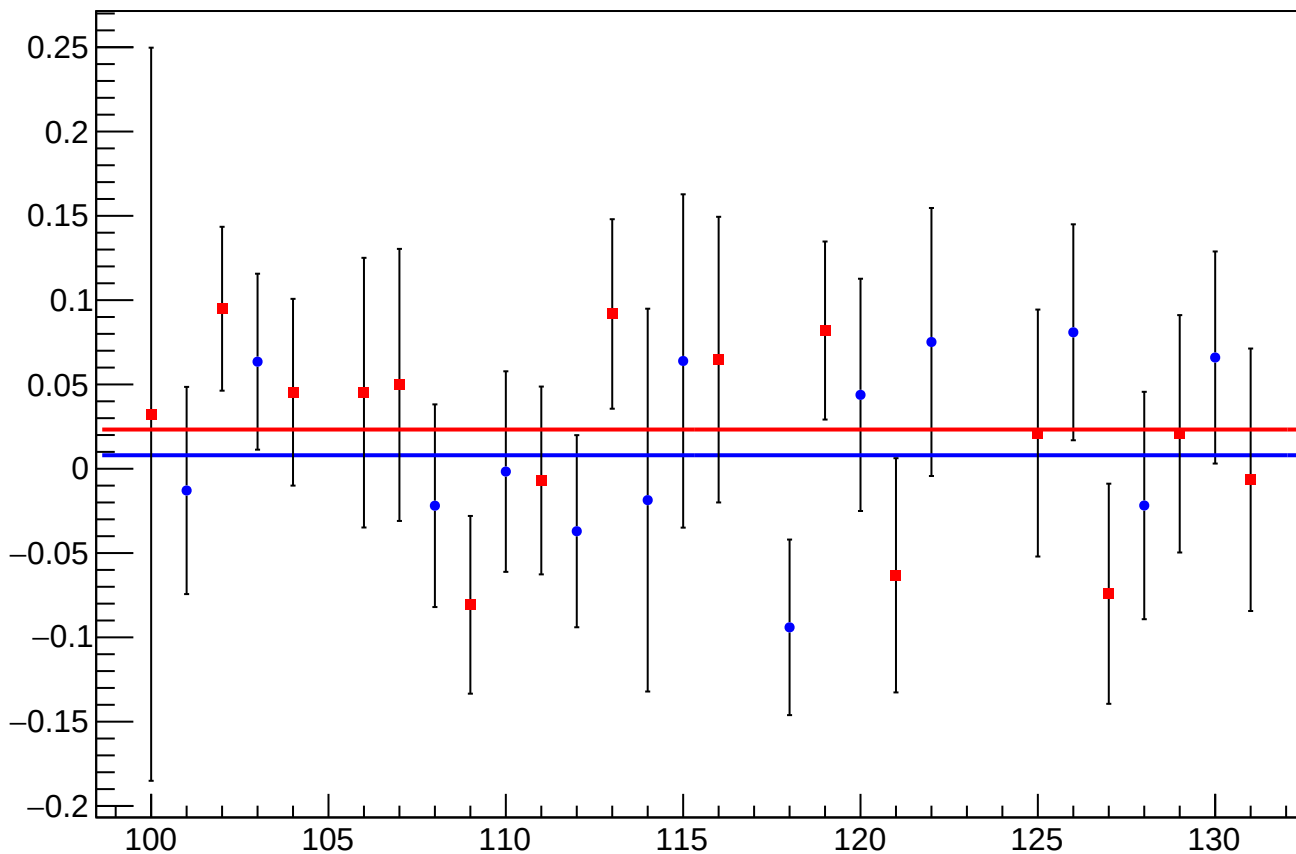
Right: 23.349+/-0.005 χ^2/NDF : 303120.9/27

In: 22.938+/-0.007 χ^2/NDF :213489.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303120.9/27

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/12

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

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

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

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

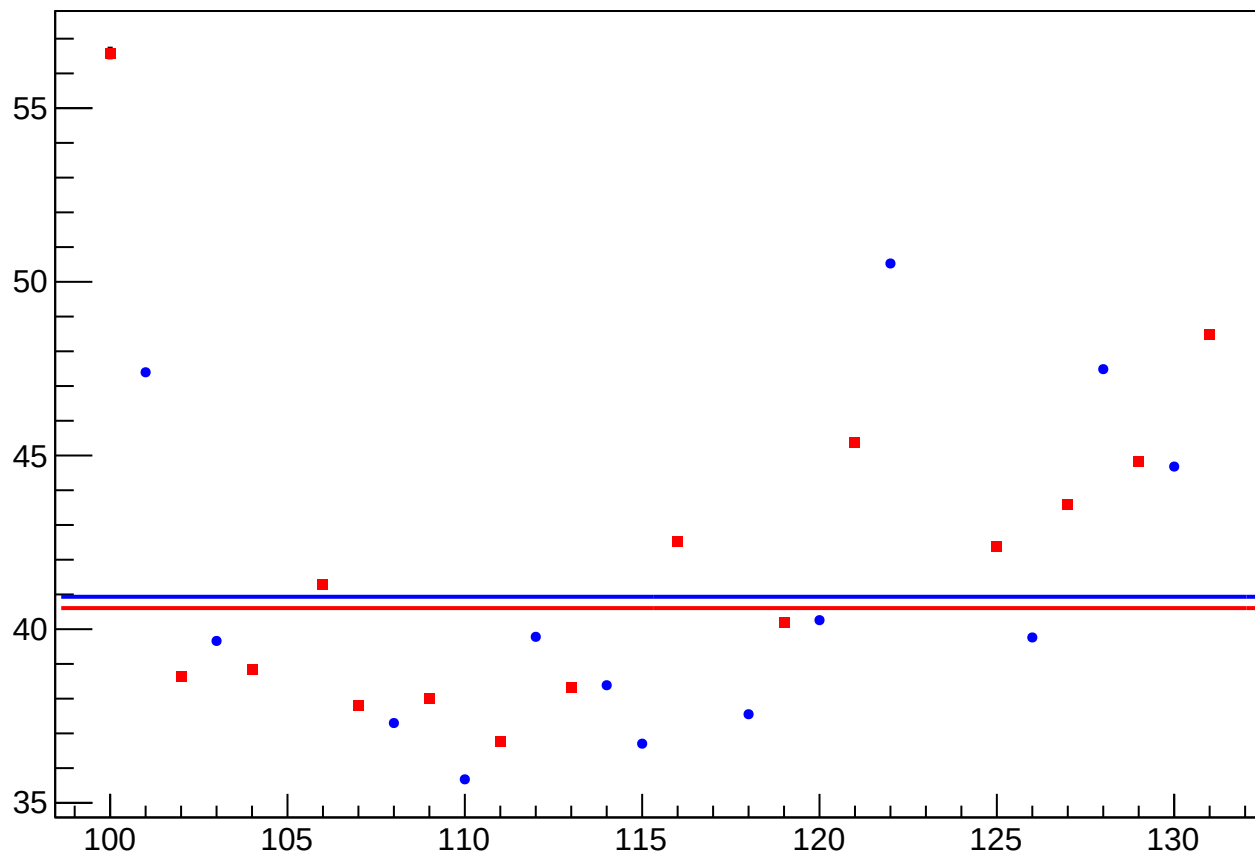
Right: 0.016 $\pm$ 0.012 χ^2 /NDF: 23.7/27

In: 0.008 $\pm$ 0.018 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.012 χ^2 /NDF: 23.7/27

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.933+/-0.013 χ^2/NDF : 116167.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

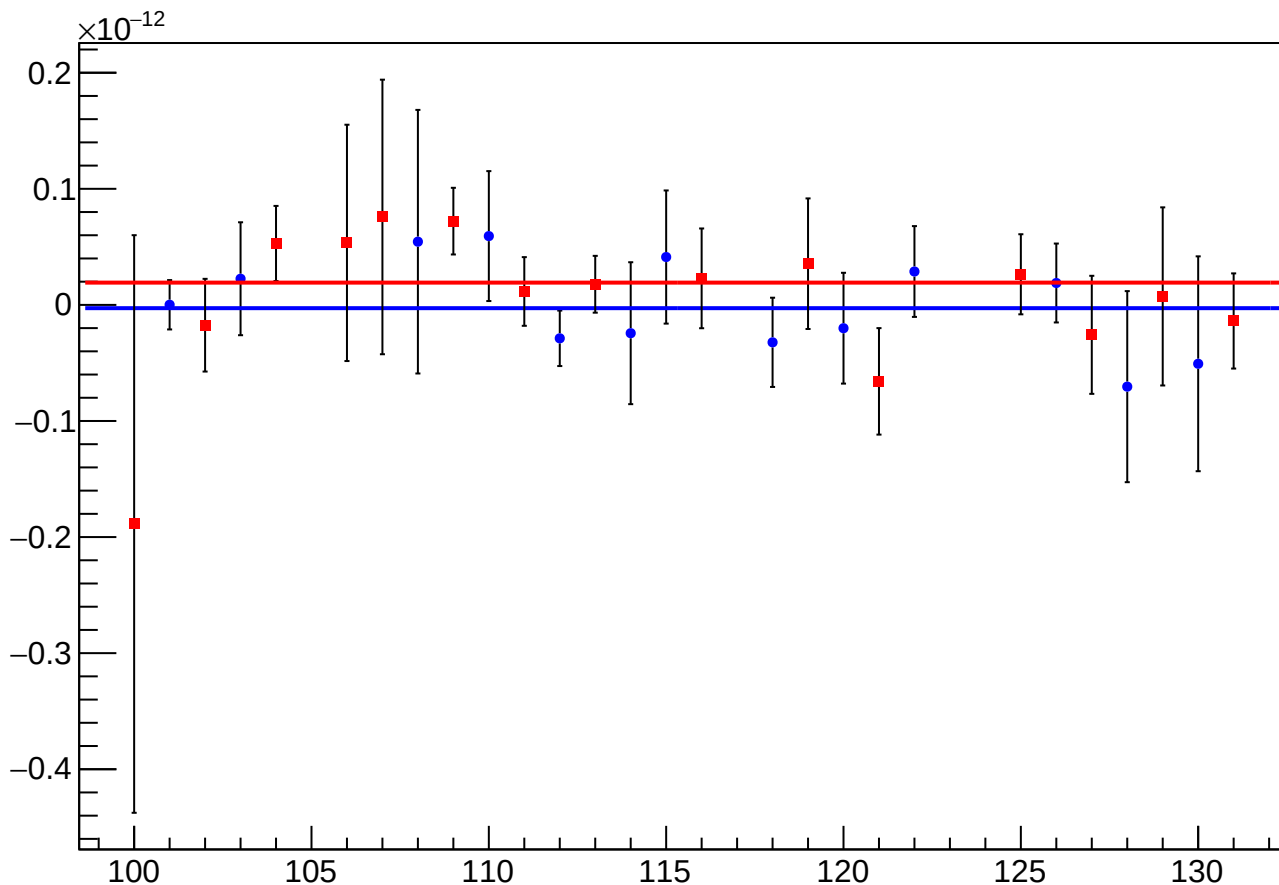
Right: 40.759+/-0.009 χ^2/NDF : 196585.0/27

In: 40.933+/-0.013 χ^2/NDF : 116167.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.759+/-0.009 χ^2/NDF : 196585.0/27

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.4/12

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

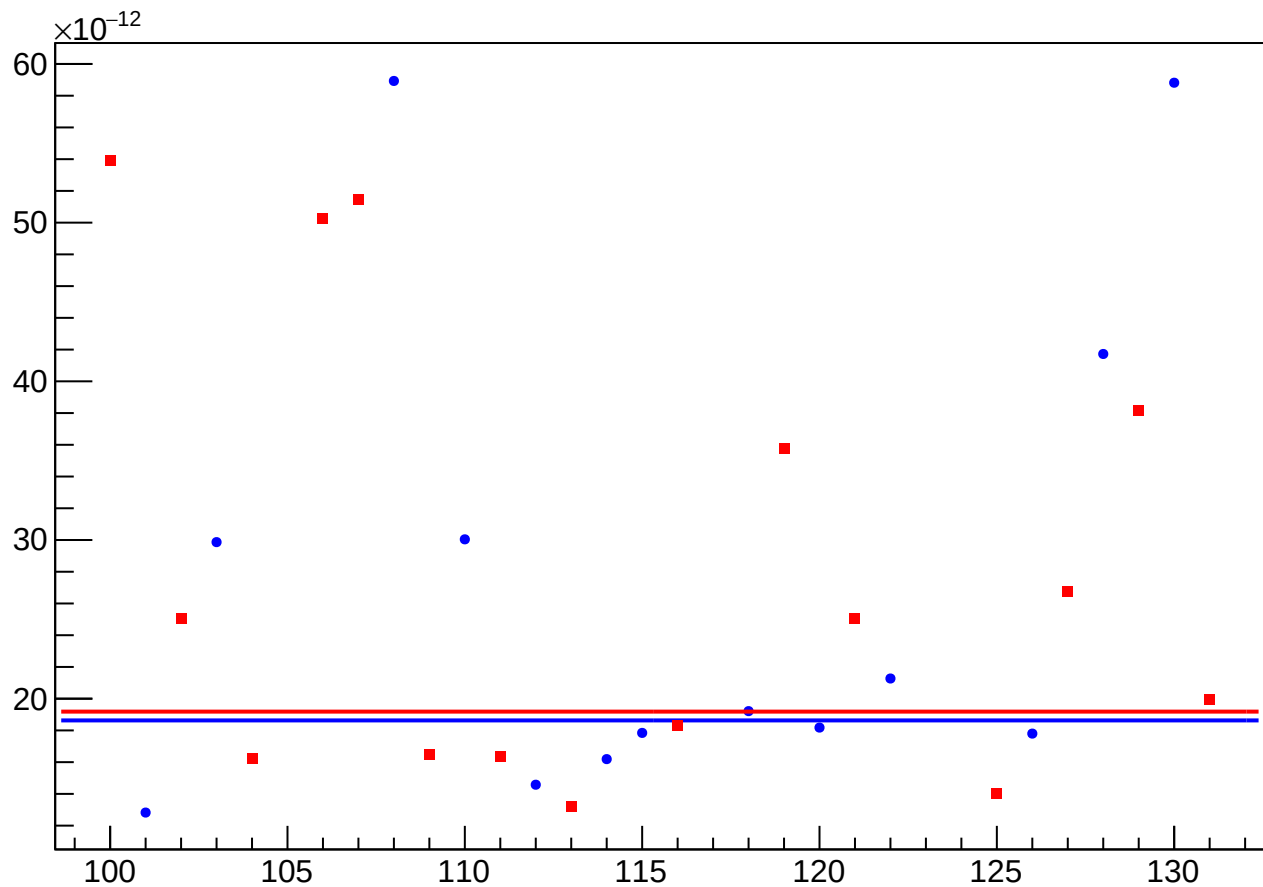
Right: 0.000+/-0.000 χ^2 /NDF: 20.0/27

In: -0.000+/-0.000 χ^2 /NDF:6.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 20.0/27

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1197644.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

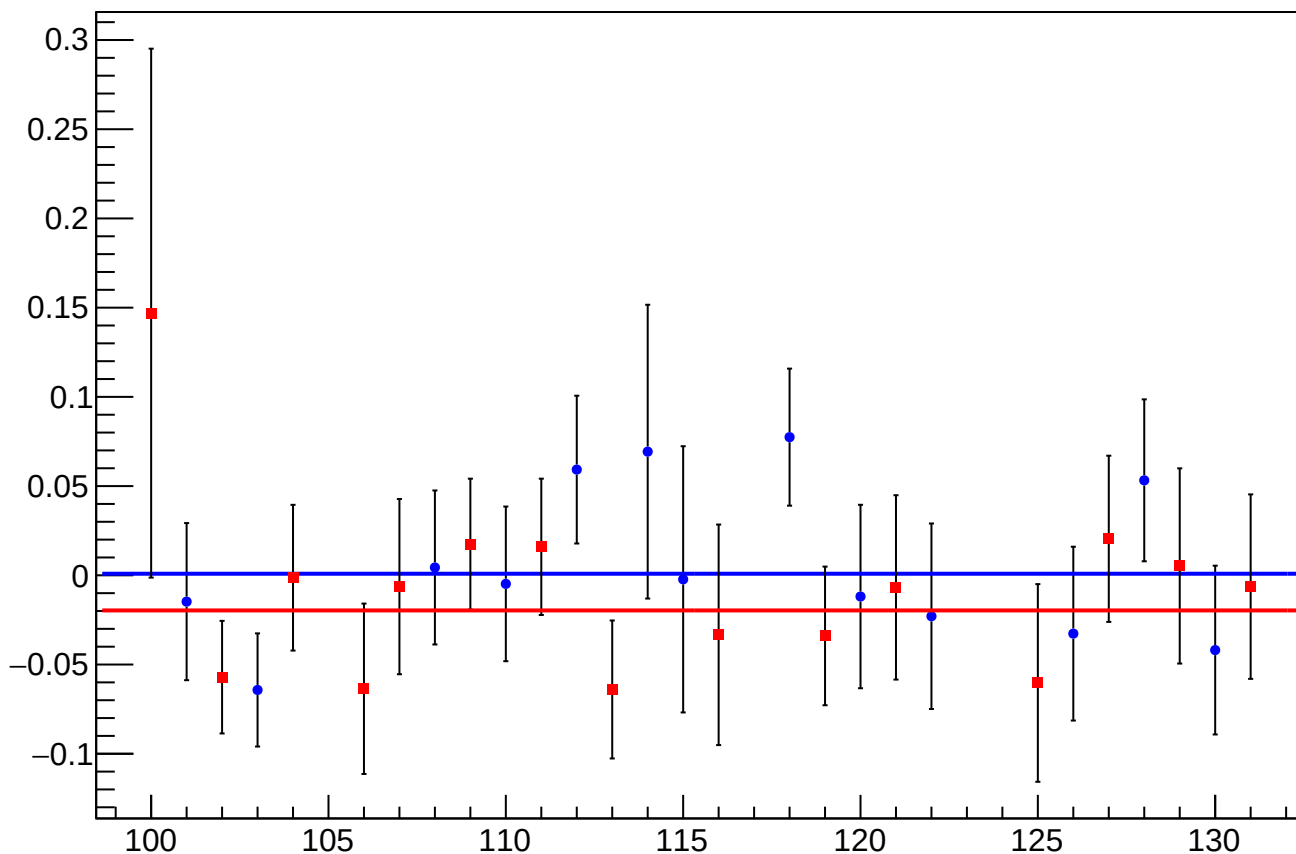
Right: 0.000+/-0.000 χ^2/NDF : 2210370.2/27

In: 0.000+/-0.000 χ^2/NDF : 1197644.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2210370.2/27

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.013 χ^2/NDF : 13.9/12

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

Right Out: -0.020+/-0.012 χ^2/NDF : 8.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

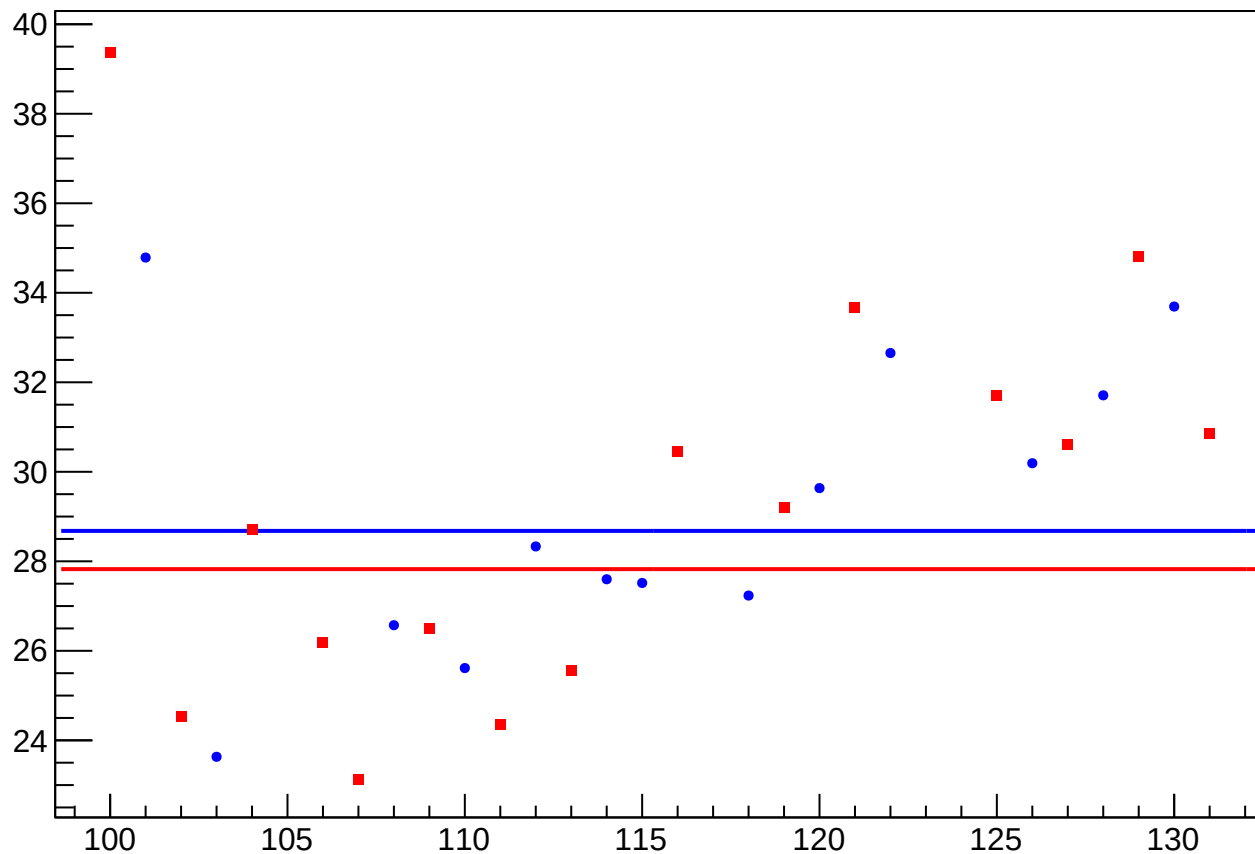
Right: -0.010+/-0.009 χ^2/NDF : 24.2/27

In: 0.001+/-0.013 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.009 χ^2/NDF : 24.2/27

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.680+/-0.009 χ^2/NDF : 153420.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

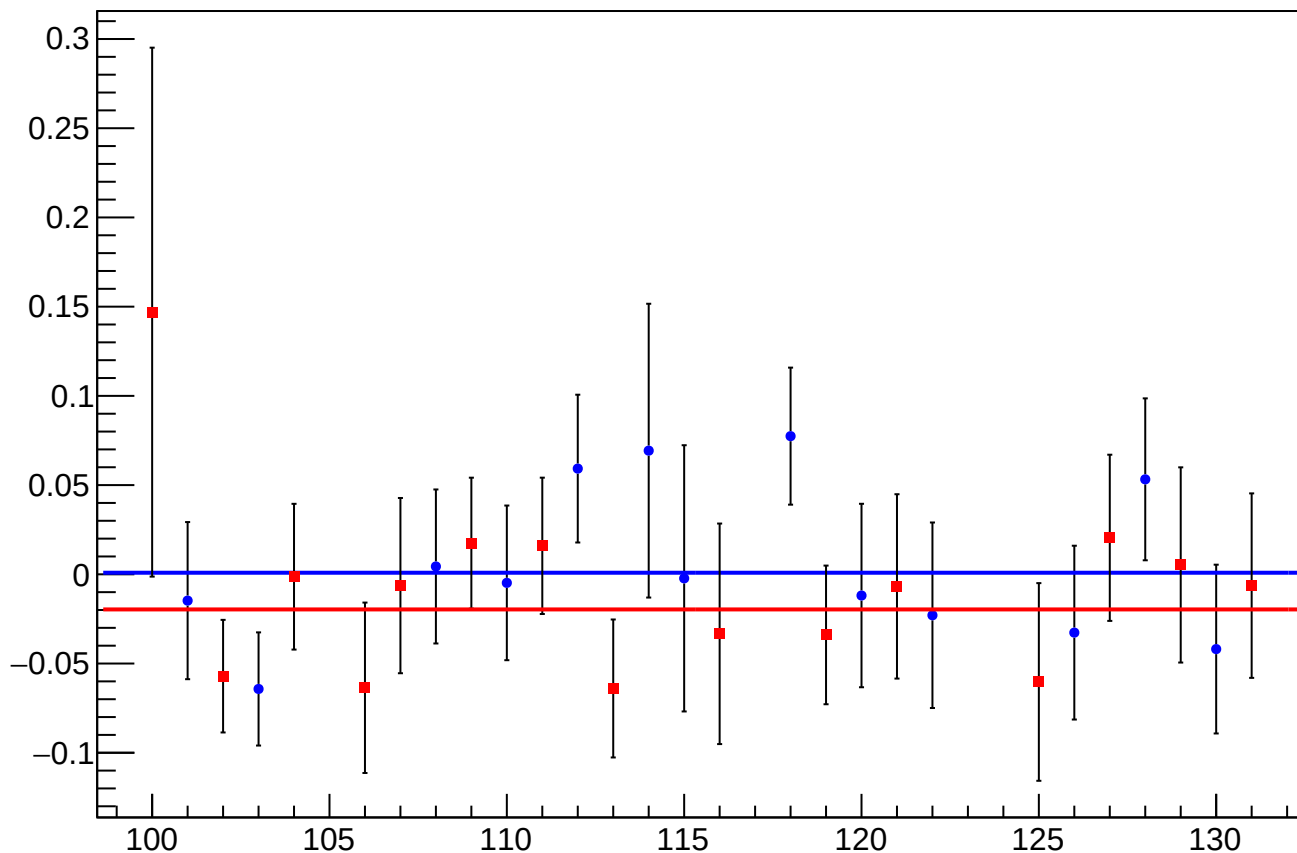
Right: 28.217+/-0.006 χ^2/NDF : 328246.1/27

In: 28.680+/-0.009 χ^2/NDF : 153420.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.217+/-0.006 χ^2/NDF : 328246.1/27

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.013 χ^2/NDF : 13.9/12

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

Right Out: -0.020+/-0.012 χ^2/NDF : 8.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

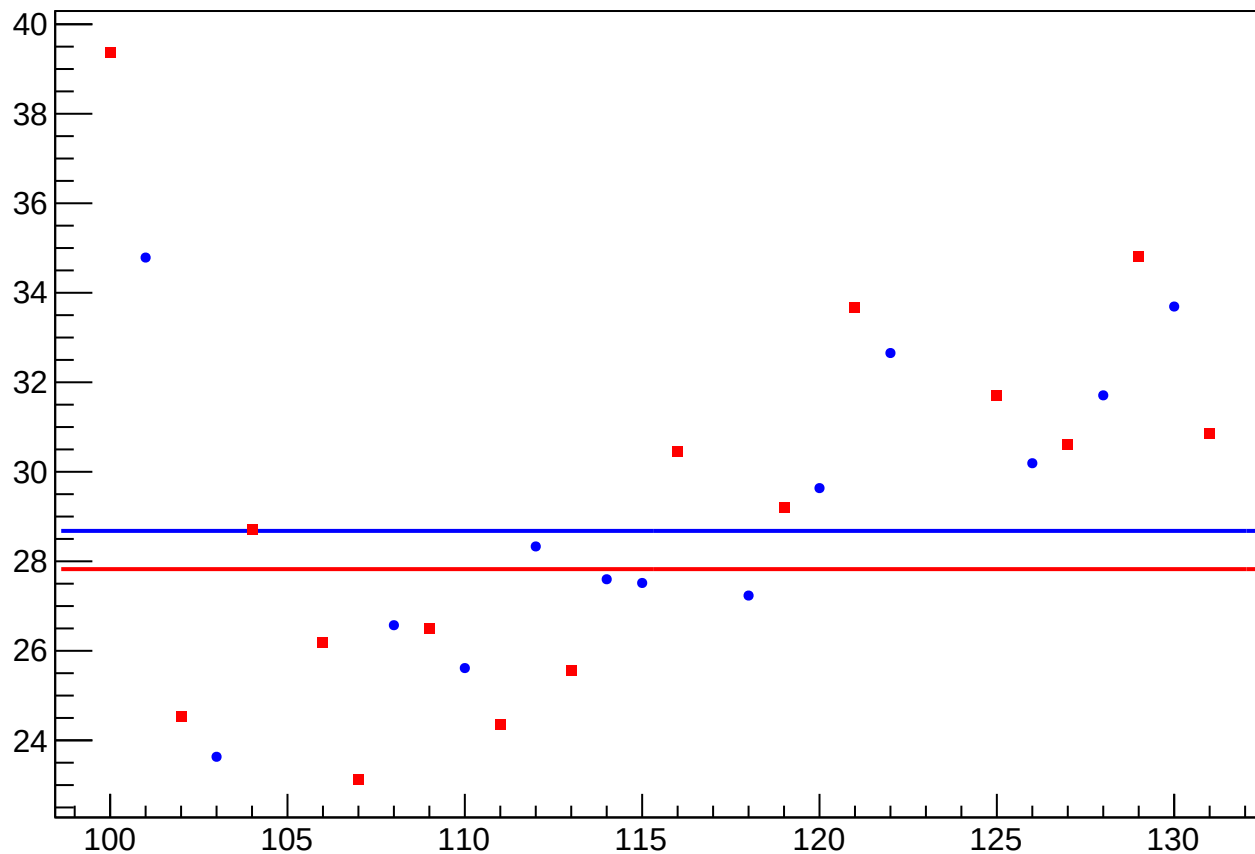
Right: -0.010+/-0.009 χ^2/NDF : 24.2/27

In: 0.001+/-0.013 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.009 χ^2/NDF : 24.2/27

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.680+/-0.009 χ^2/NDF : 153420.1/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

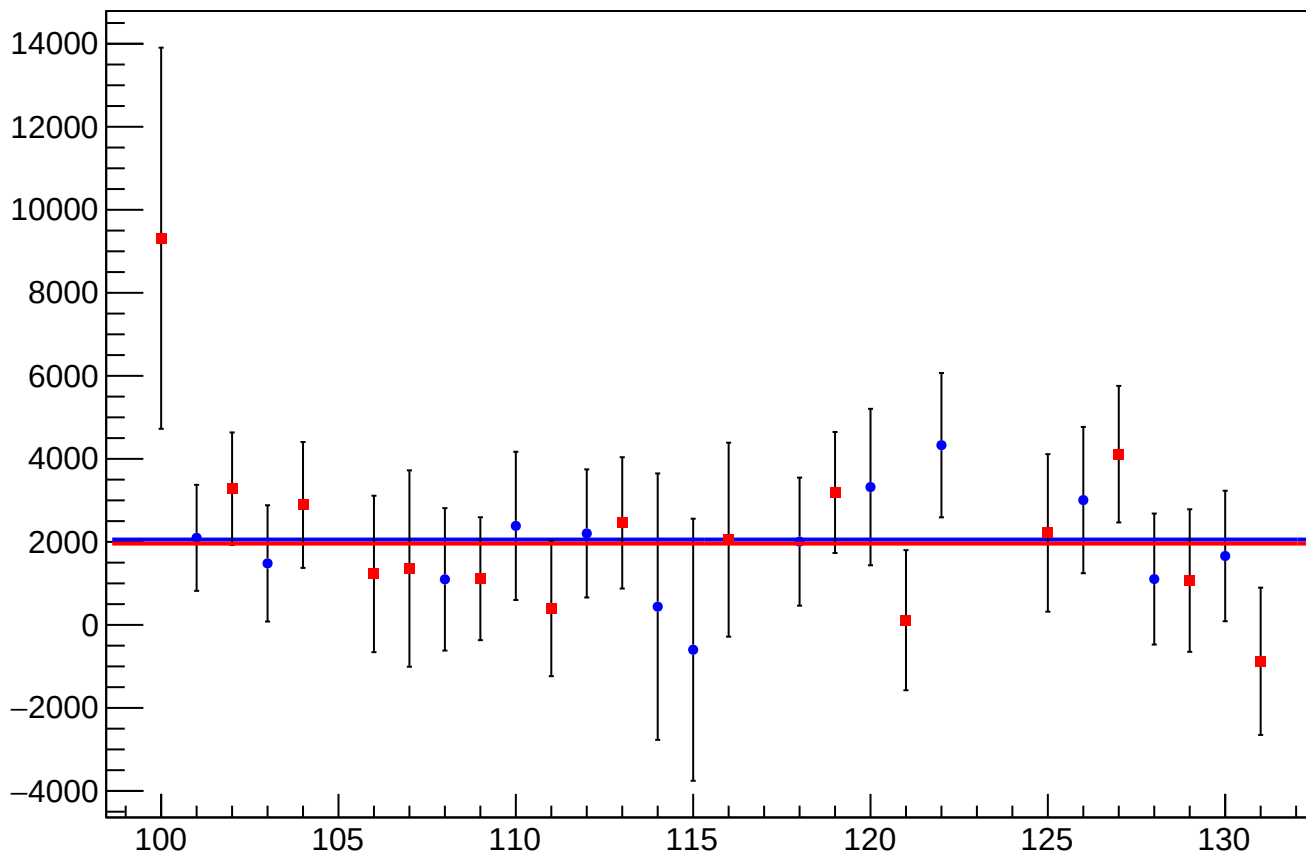
Right: 28.217+/-0.006 χ^2/NDF : 328246.1/27

In: 28.680+/-0.009 χ^2/NDF : 153420.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.217+/-0.006 χ^2/NDF : 328246.1/27

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 2056.037+/-468.580 χ^2/NDF : 4.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

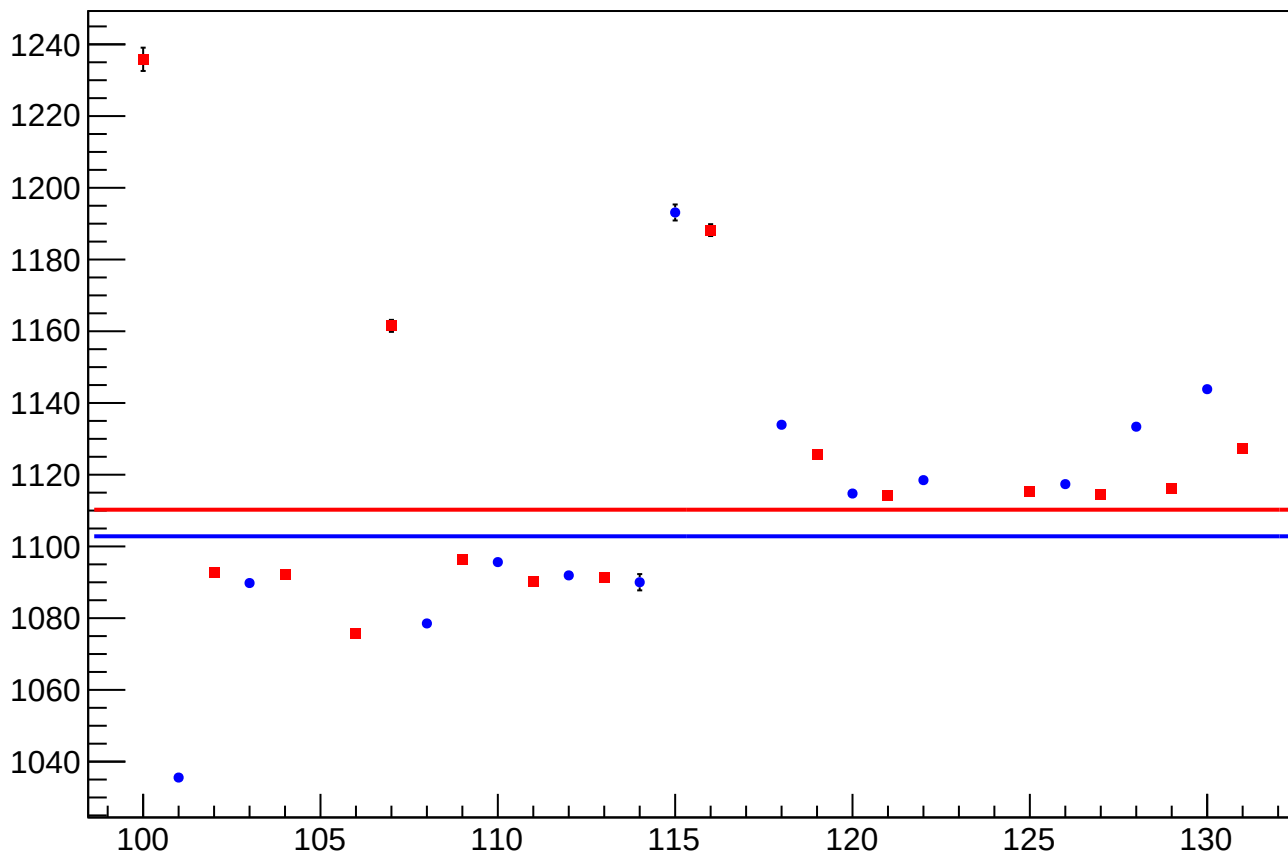
Right: 2004.900+/-323.049 χ^2/NDF : 16.3/27

In: 2056.037+/-468.580 χ^2/NDF : 4.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.900+/-323.049 χ^2/NDF : 16.3/27

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.827+/-0.331 χ^2/NDF : 11227.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

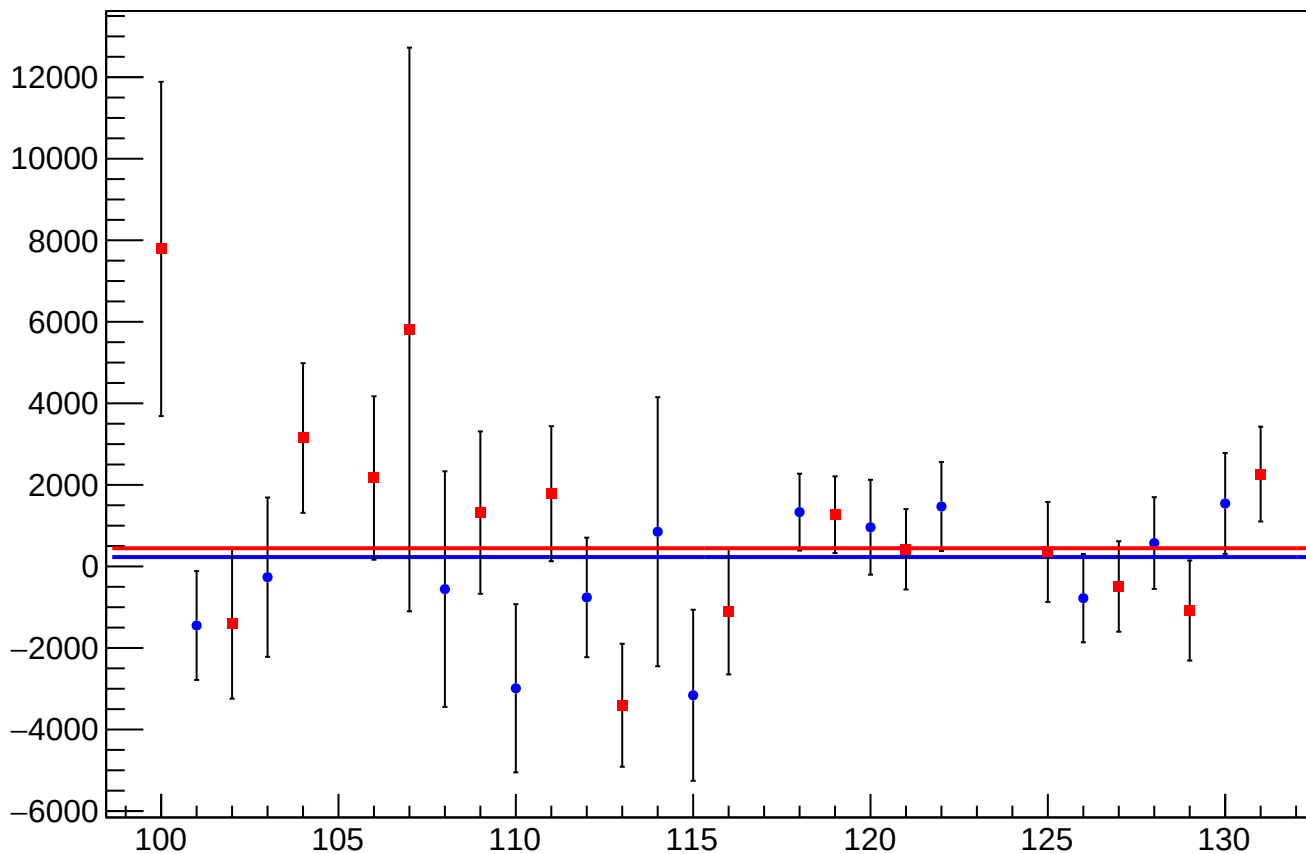
Right: 1106.718+/-0.228 χ^2/NDF : 18670.0/27

In: 1102.827+/-0.331 χ^2/NDF : 11227.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.718+/-0.228 χ^2/NDF : 18670.0/27

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: 229.671+/-378.857 χ^2/NDF : 12.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

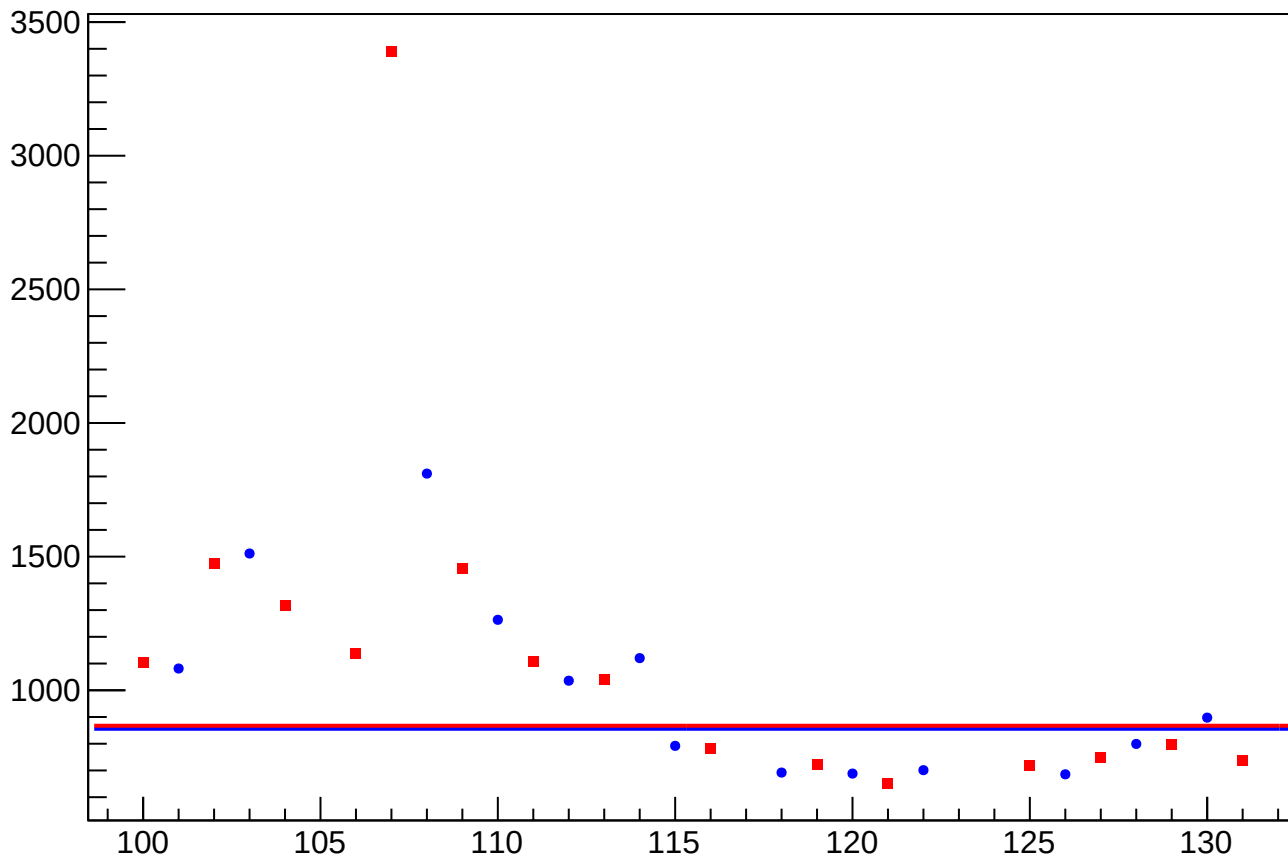
Right: 341.521+/-263.473 χ^2/NDF : 34.2/27

In: 229.671+/-378.857 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.521+/-263.473 χ^2/NDF : 34.2/27

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

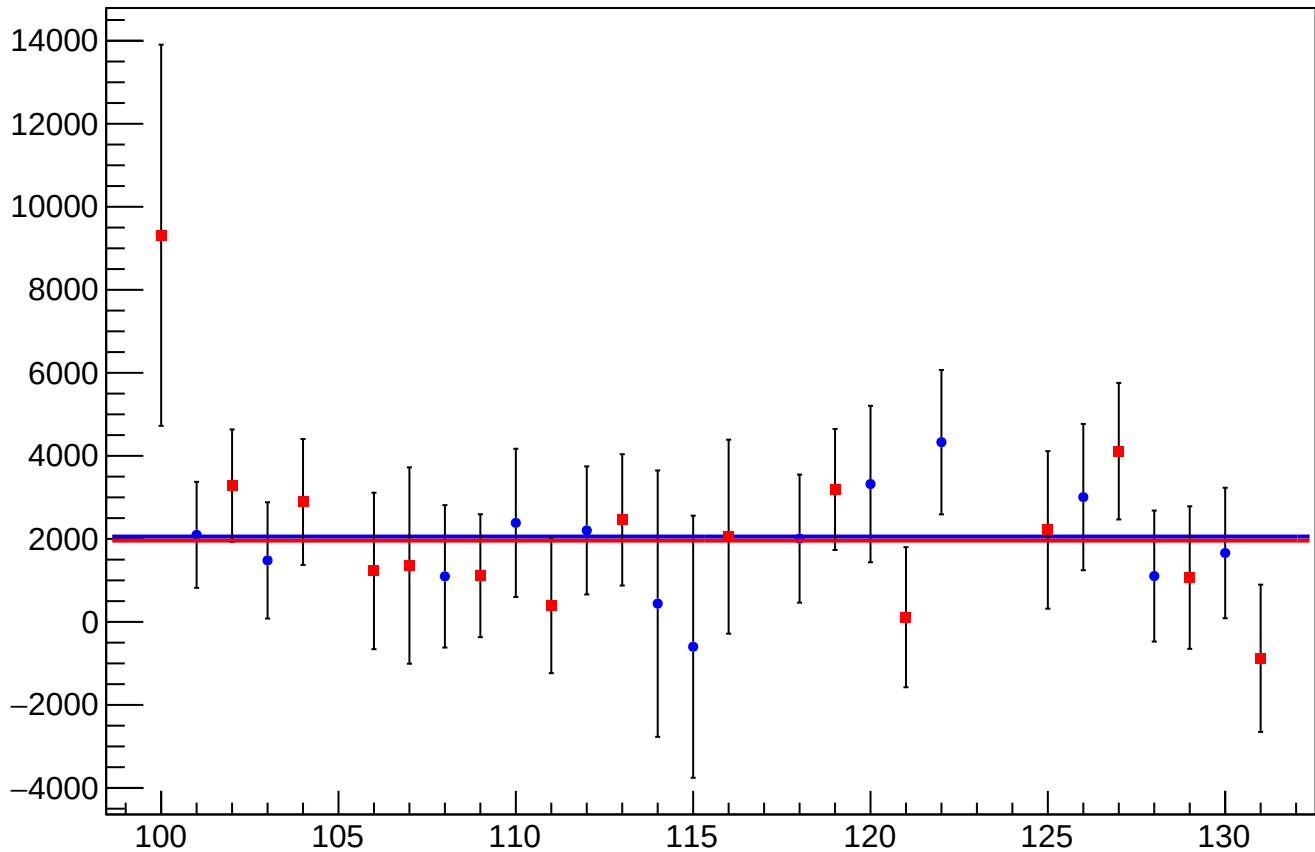
Right: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2056.037 $\pm$ 468.580 χ^2 /NDF: 4.4/12

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

Right Out: 1958.577 $\pm$ 445.977 χ^2 /NDF: 11.9/14

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

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

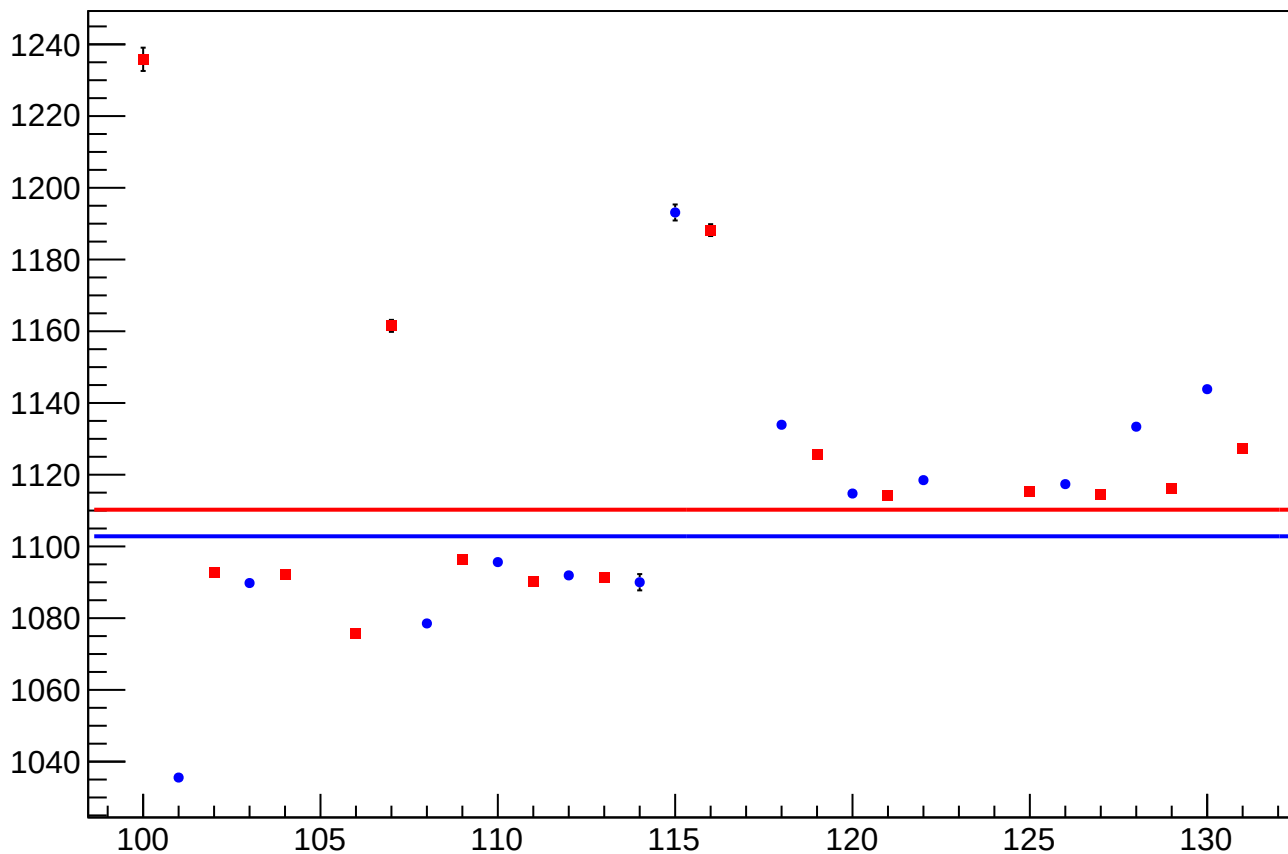
Right: 2004.900 $\pm$ 323.049 χ^2 /NDF: 16.3/27

In: 2056.037 $\pm$ 468.580 χ^2 /NDF:4.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2004.900 $\pm$ 323.049 χ^2 /NDF: 16.3/27

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.827+/-0.331 χ^2/NDF : 11227.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

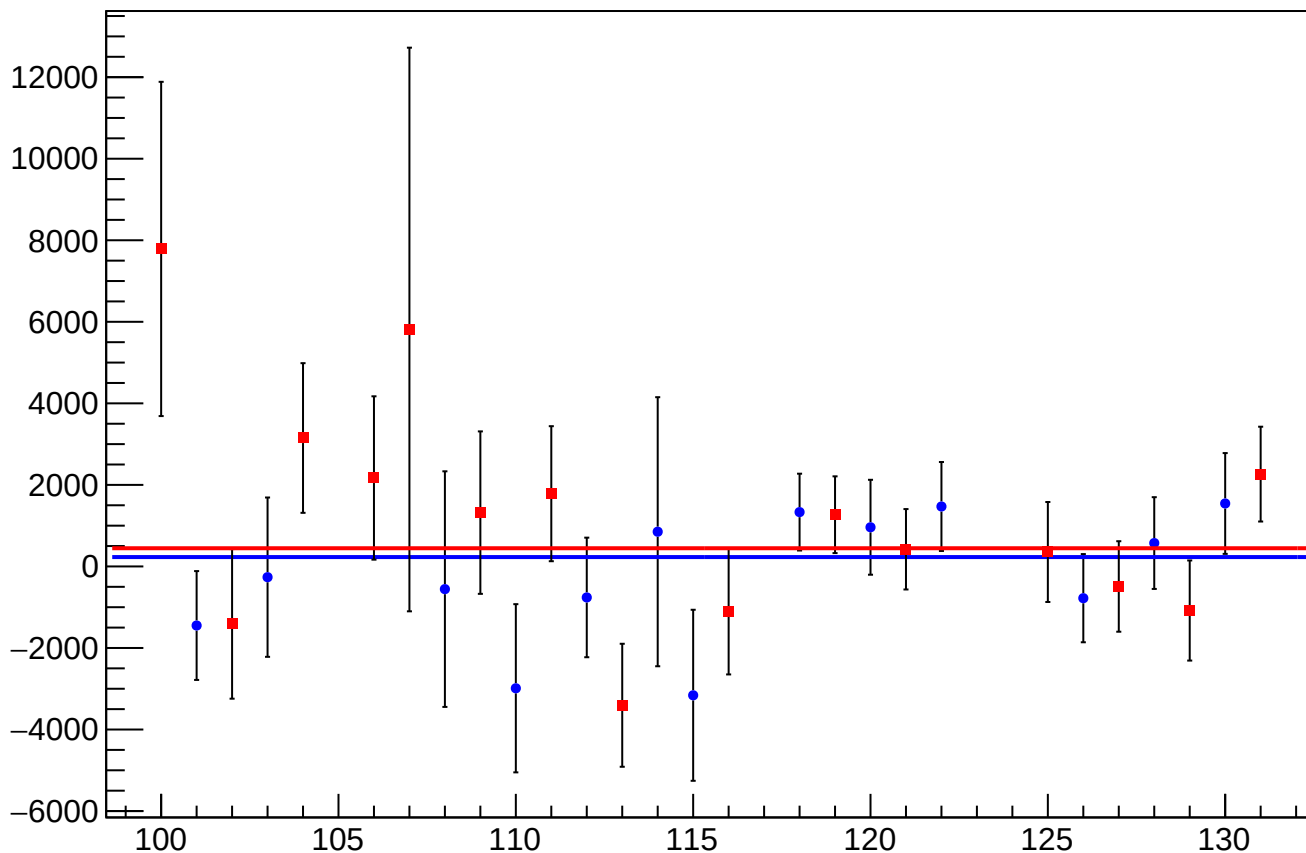
Right: 1106.718+/-0.228 χ^2/NDF : 18670.0/27

In: 1102.827+/-0.331 χ^2/NDF : 11227.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.718+/-0.228 χ^2/NDF : 18670.0/27

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: 229.671+/-378.857 χ^2/NDF : 12.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

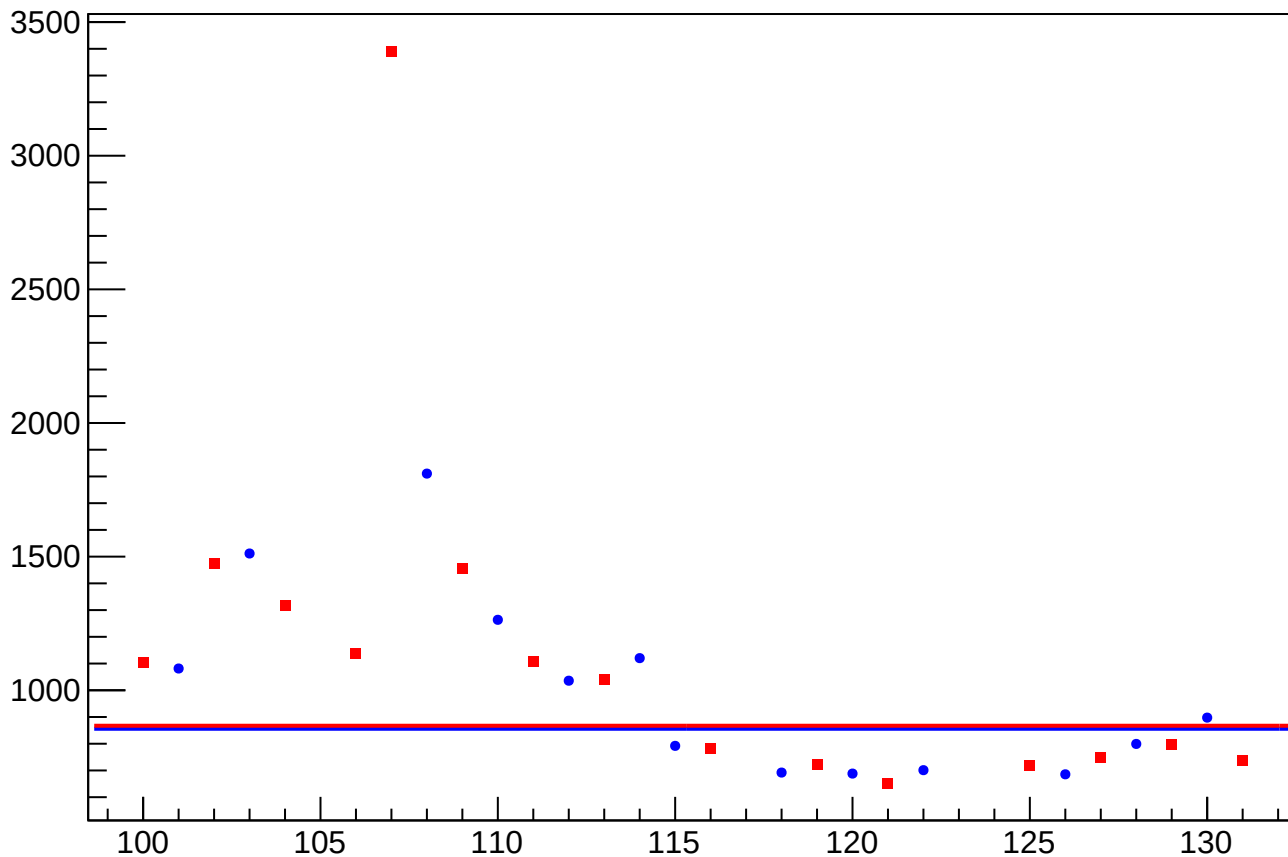
Right: 341.521+/-263.473 χ^2/NDF : 34.2/27

In: 229.671+/-378.857 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.521+/-263.473 χ^2/NDF : 34.2/27

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

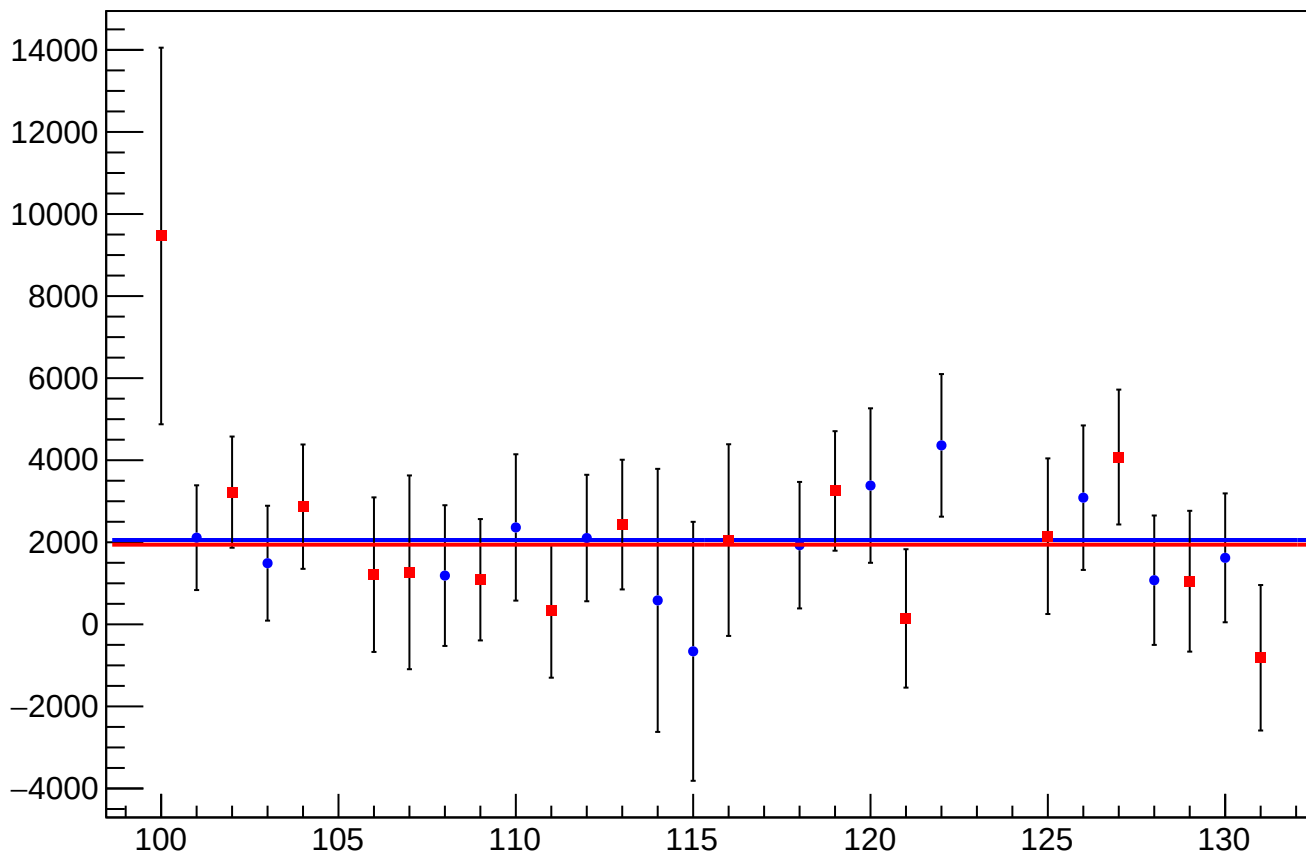
Right: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2055.598+/-468.212 χ^2/NDF : 4.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

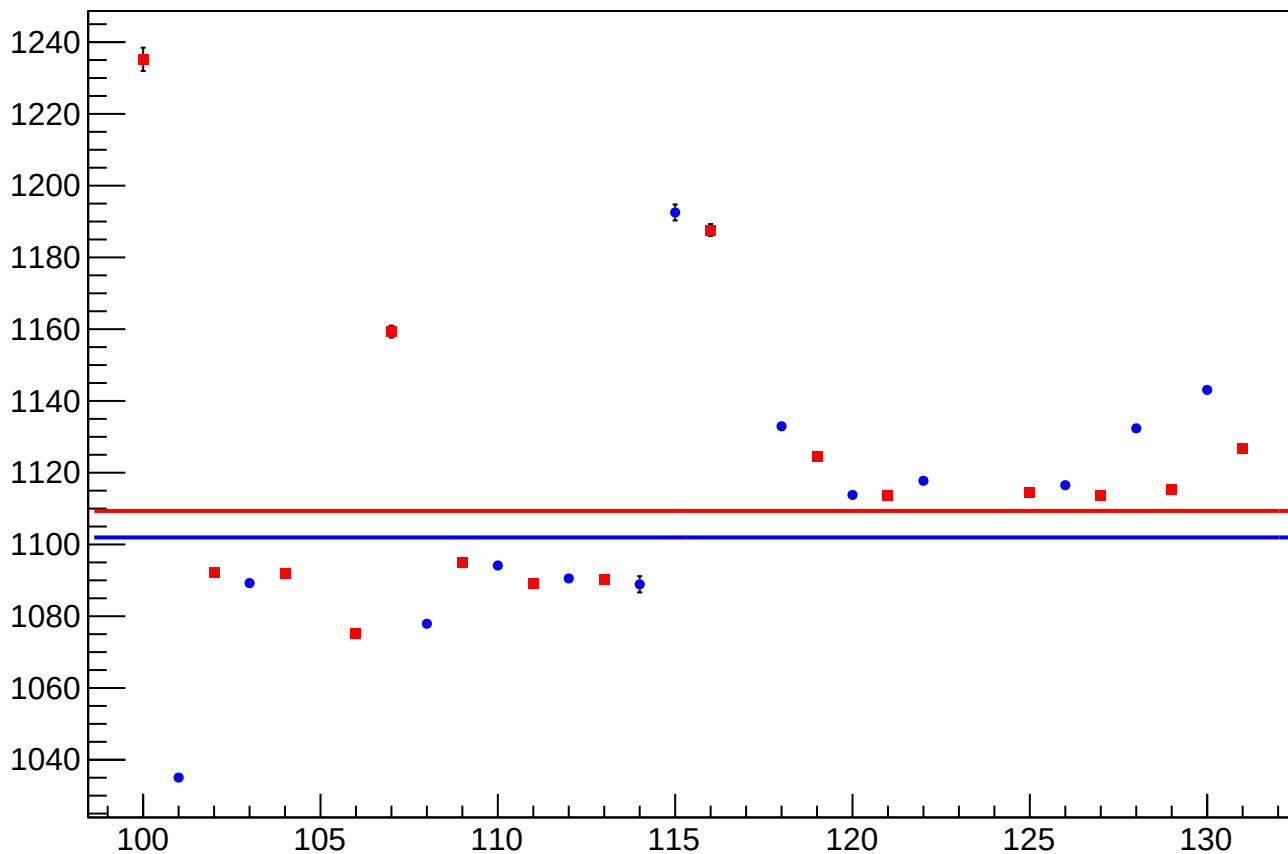
Right: 1996.174+/-322.792 χ^2/NDF : 16.4/27

In: 2055.598+/-468.212 χ^2/NDF : 4.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1996.174+/-322.792 χ^2/NDF : 16.4/27

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.962+/-0.331 χ^2 /NDF: 11189.0/12

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

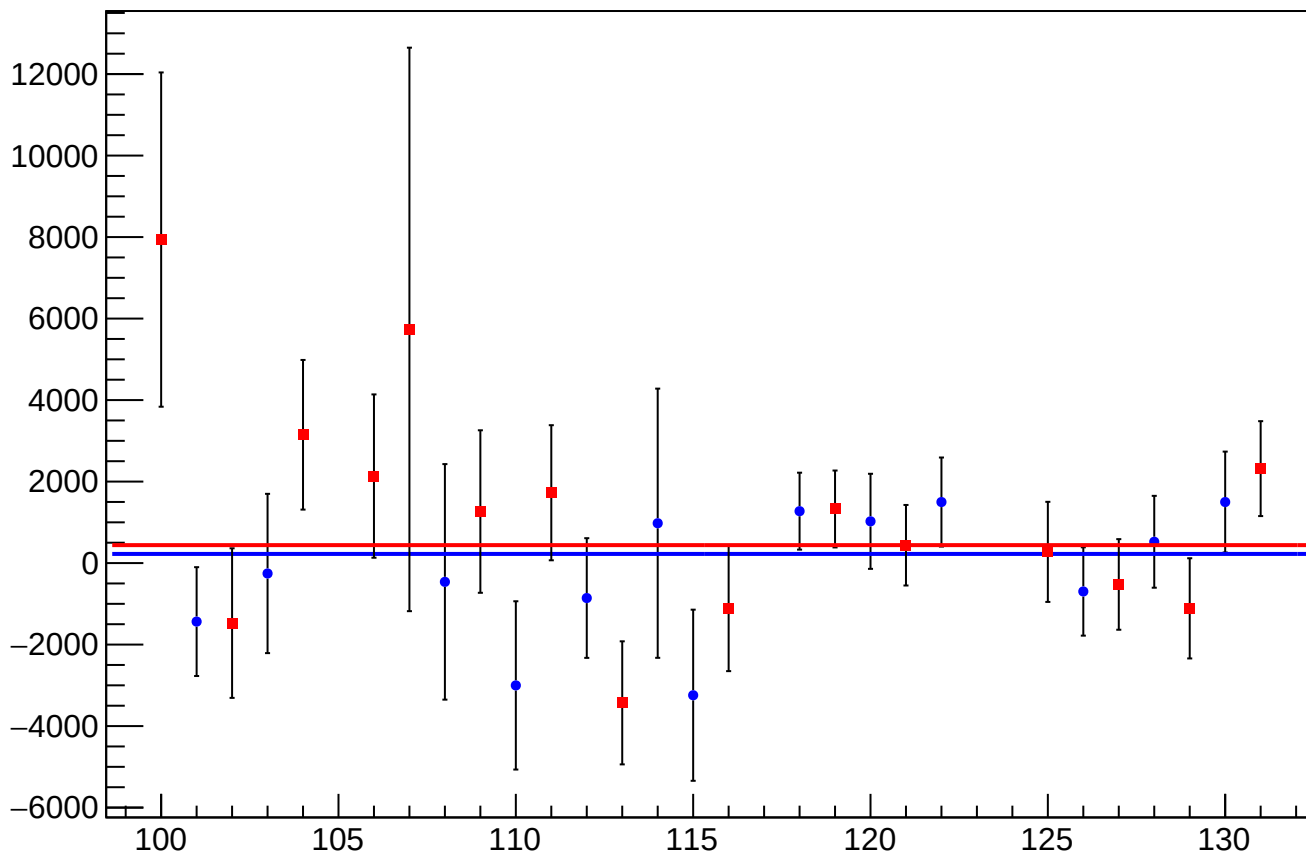
Right: 1105.840+/-0.228 χ^2 /NDF: 18610.3/27

In: 1101.962+/-0.331 χ^2 /NDF:11189.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1105.840+/-0.228 χ^2 /NDF: 18610.3/27

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 224.529+/-379.460 χ^2/NDF : 12.3/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

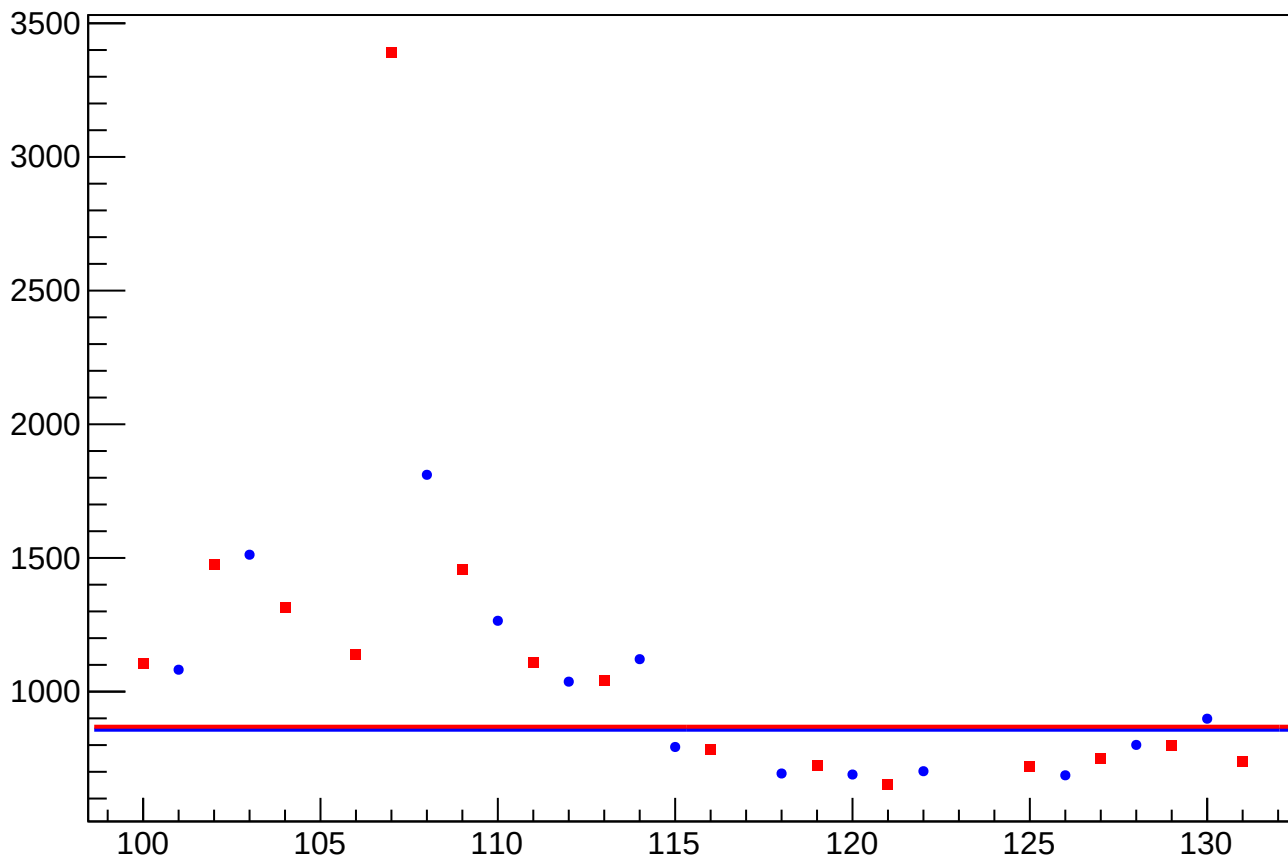
Right: 336.144+/-263.877 χ^2/NDF : 34.6/27

In: 224.529+/-379.460 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.144+/-263.877 χ^2/NDF : 34.6/27

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 857.485+/-0.268 χ^2/NDF : 819736.5/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

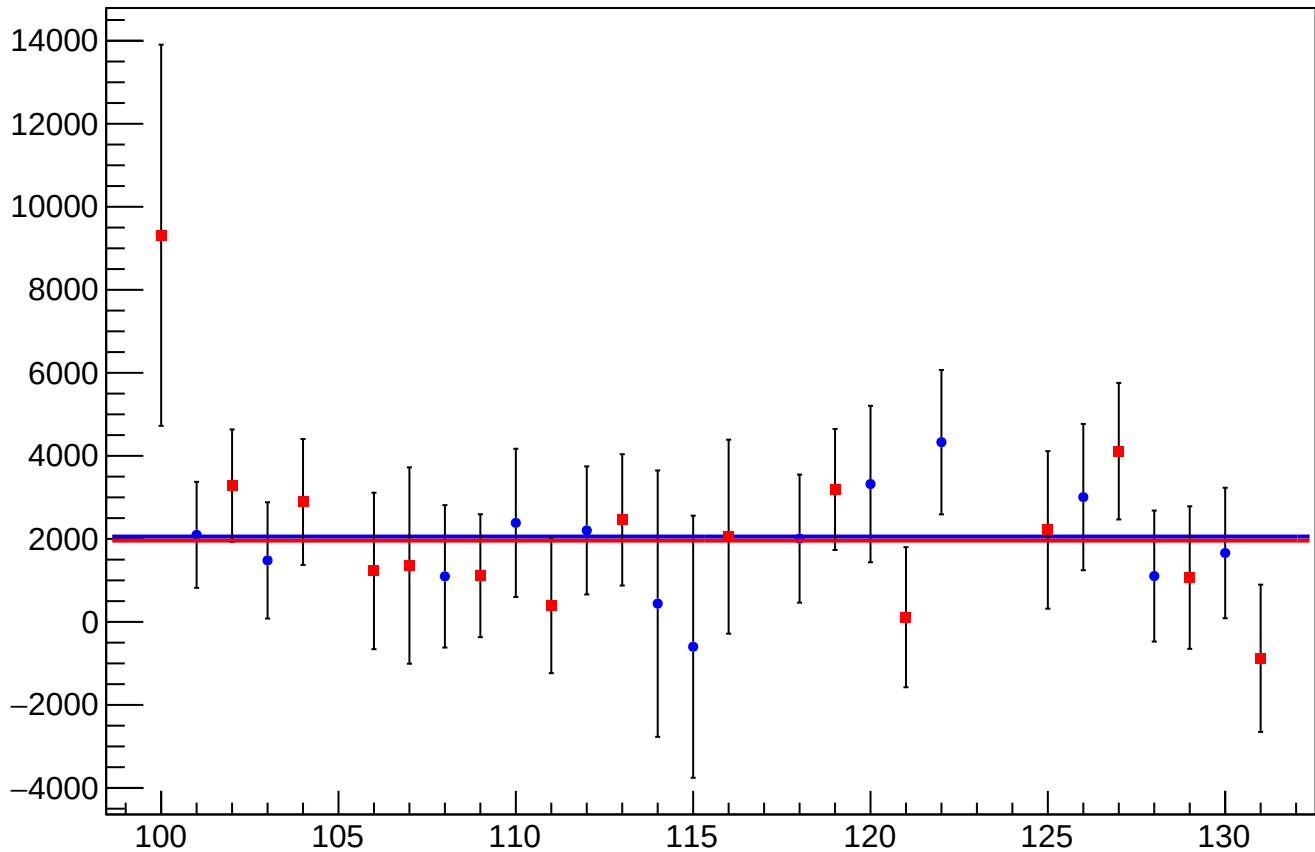
Right: 863.284+/-0.187 χ^2/NDF : 1939662.3/27

In: 857.485+/-0.268 χ^2/NDF : 819736.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.284+/-0.187 χ^2/NDF : 1939662.3/27

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2056.037+/-468.580 χ^2/NDF : 4.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

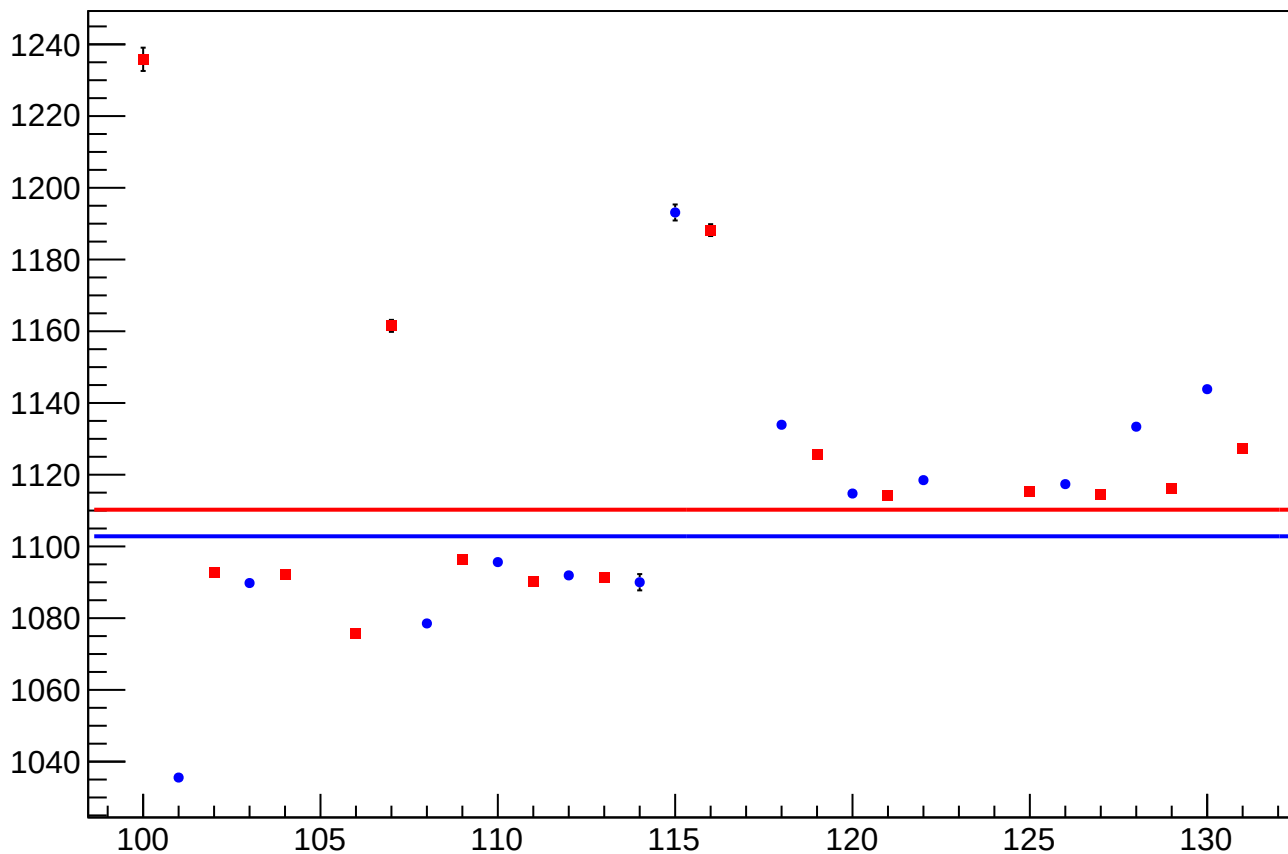
Right: 2004.900+/-323.049 χ^2/NDF : 16.3/27

In: 2056.037+/-468.580 χ^2/NDF : 4.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.900+/-323.049 χ^2/NDF : 16.3/27

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.827+/-0.331 χ^2/NDF : 11227.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

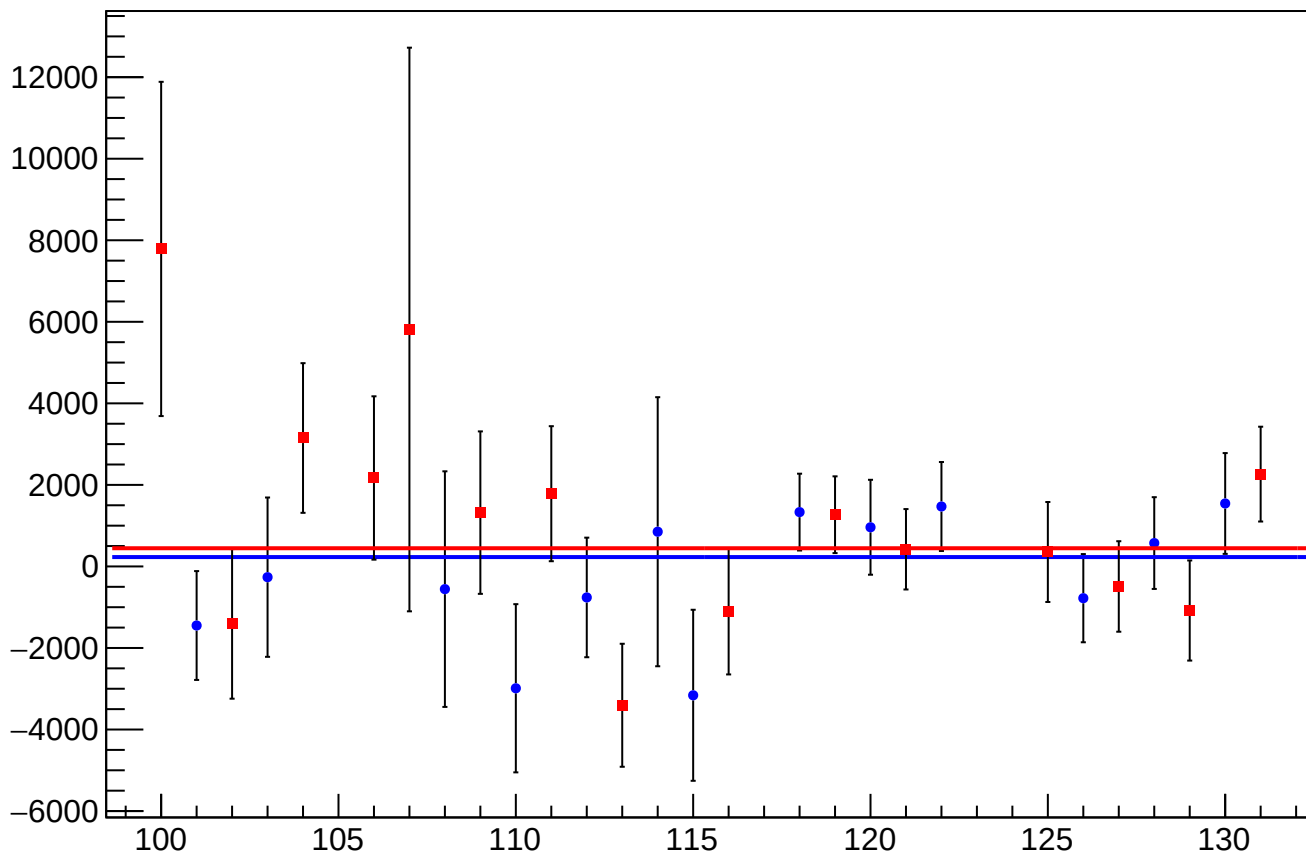
Right: 1106.718+/-0.228 χ^2/NDF : 18670.0/27

In: 1102.827+/-0.331 χ^2/NDF : 11227.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.718+/-0.228 χ^2/NDF : 18670.0/27

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 229.671+/-378.857 χ^2/NDF : 12.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

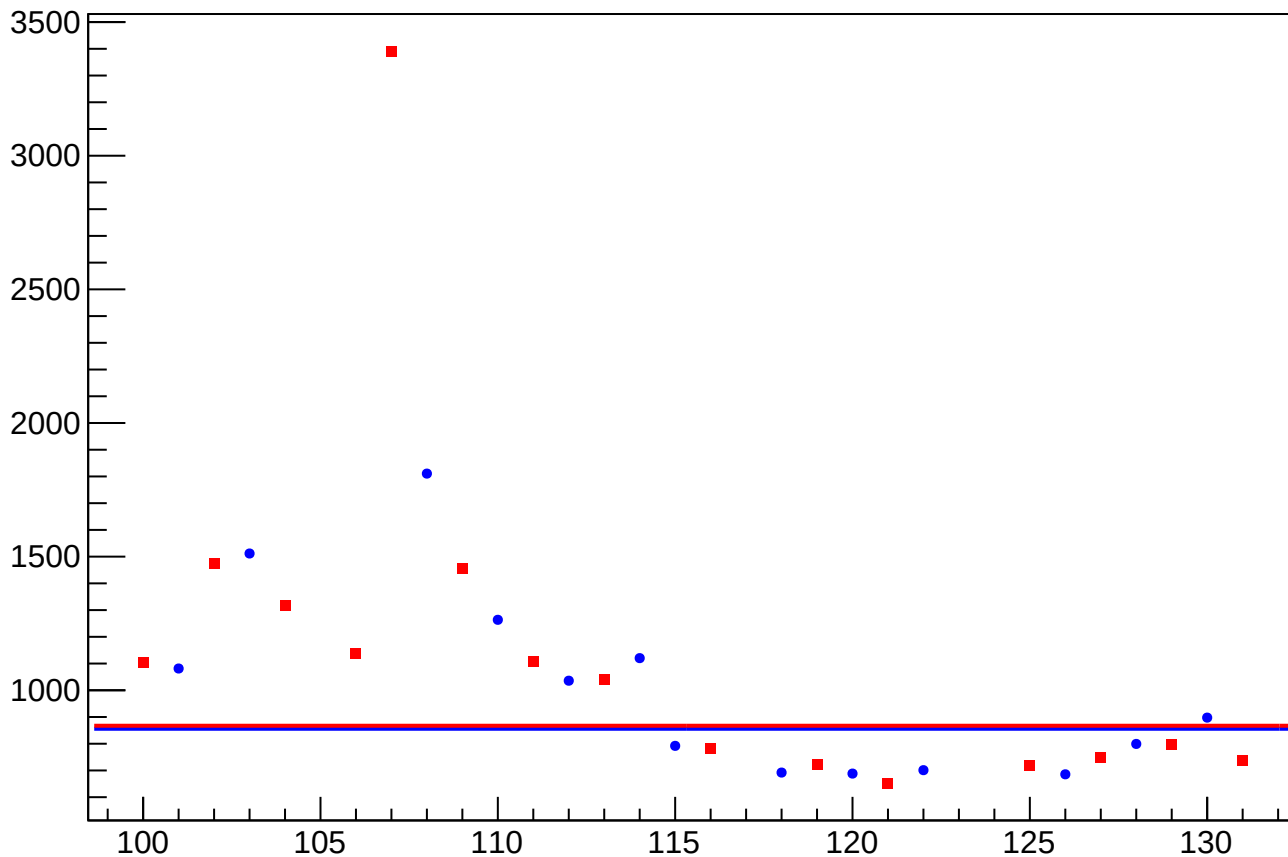
Right: 341.521+/-263.473 χ^2/NDF : 34.2/27

In: 229.671+/-378.857 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.521+/-263.473 χ^2/NDF : 34.2/27

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

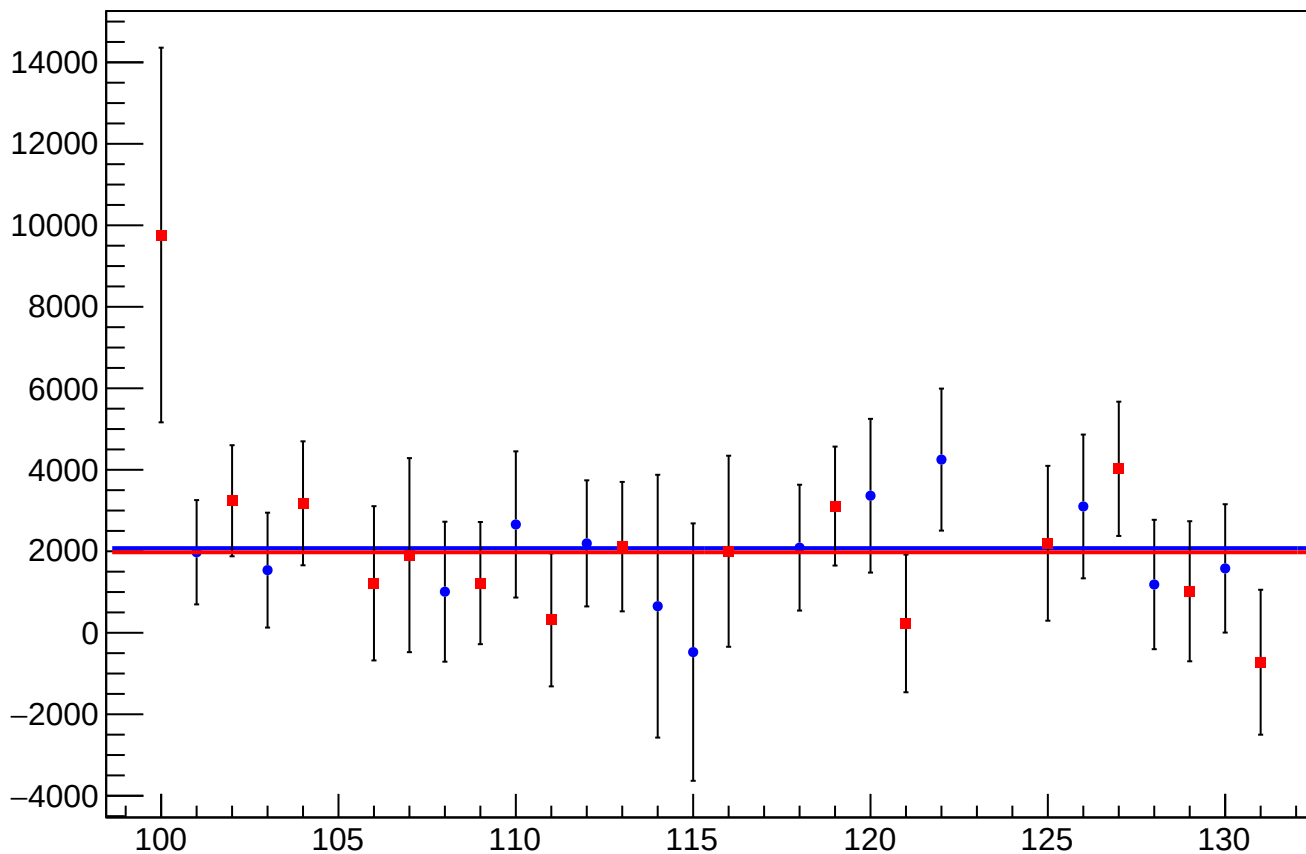
Right: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2076.869+/-469.933 χ^2/NDF : 4.3/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

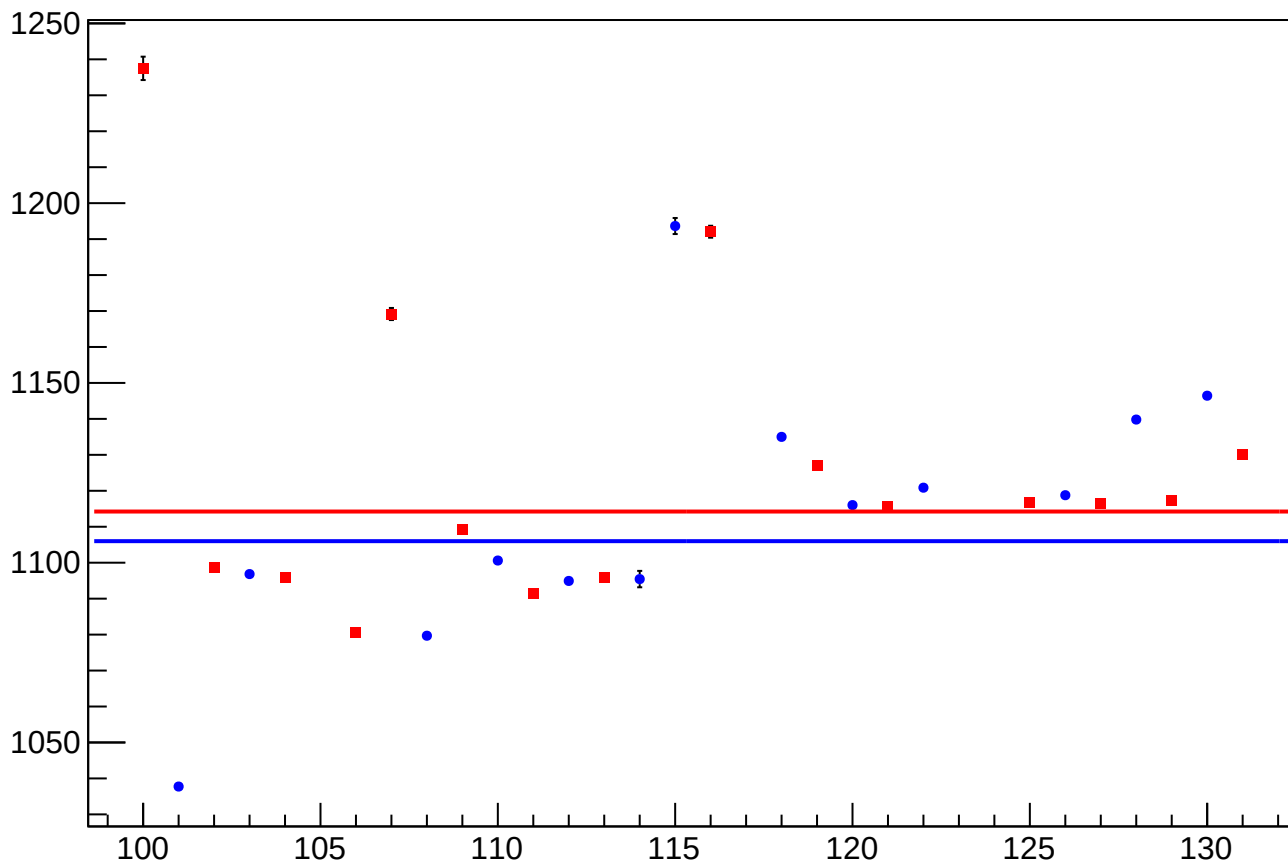
Right: 2024.234+/-324.111 χ^2/NDF : 15.9/27

In: 2076.869+/-469.933 χ^2/NDF : 4.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2024.234+/-324.111 χ^2/NDF : 15.9/27

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1105.991+/-0.332 χ^2/NDF : 11162.3/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

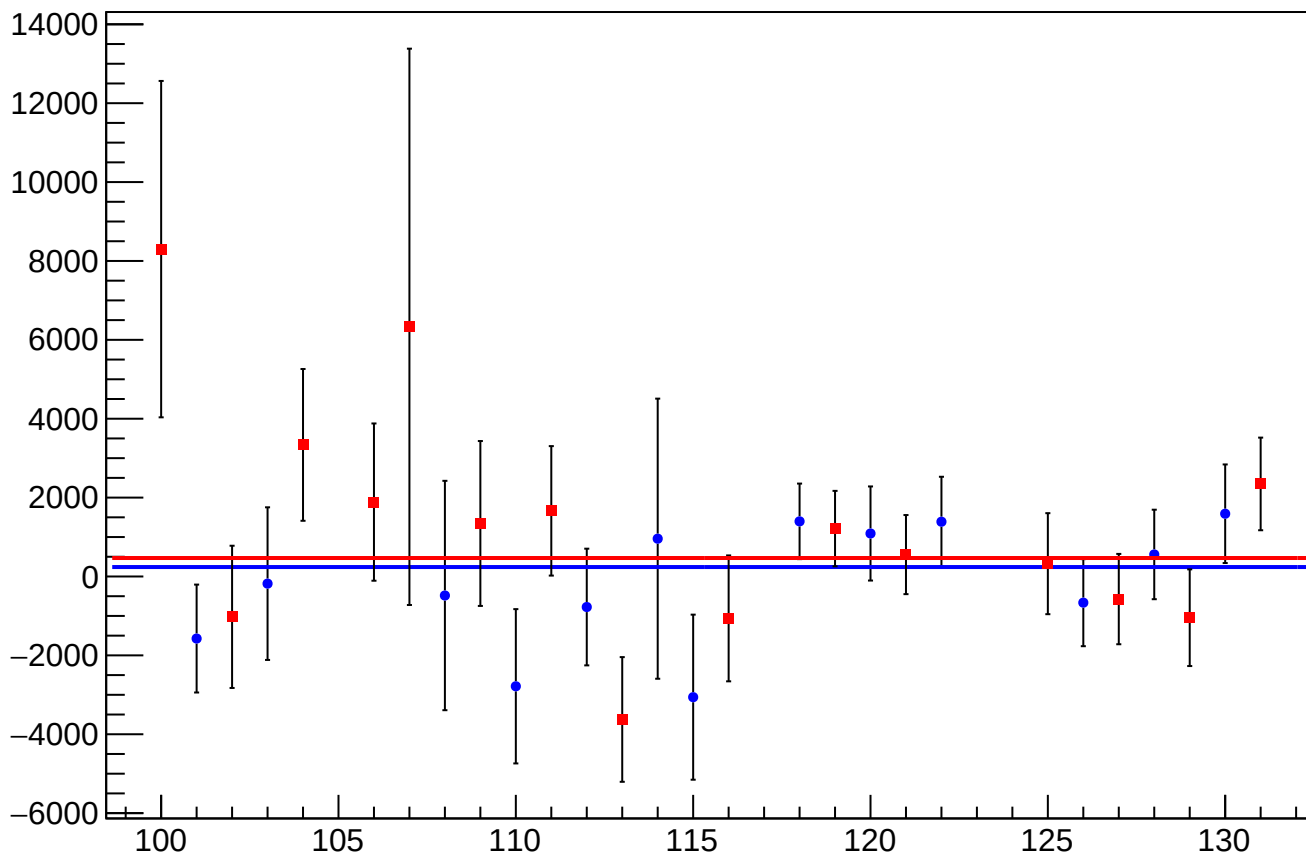
Right: 1110.312+/-0.229 χ^2/NDF : 18378.6/27

In: 1105.991+/-0.332 χ^2/NDF : 11162.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.312+/-0.229 χ^2/NDF : 18378.6/27

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.417+/-385.012 χ^2/NDF : 12.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

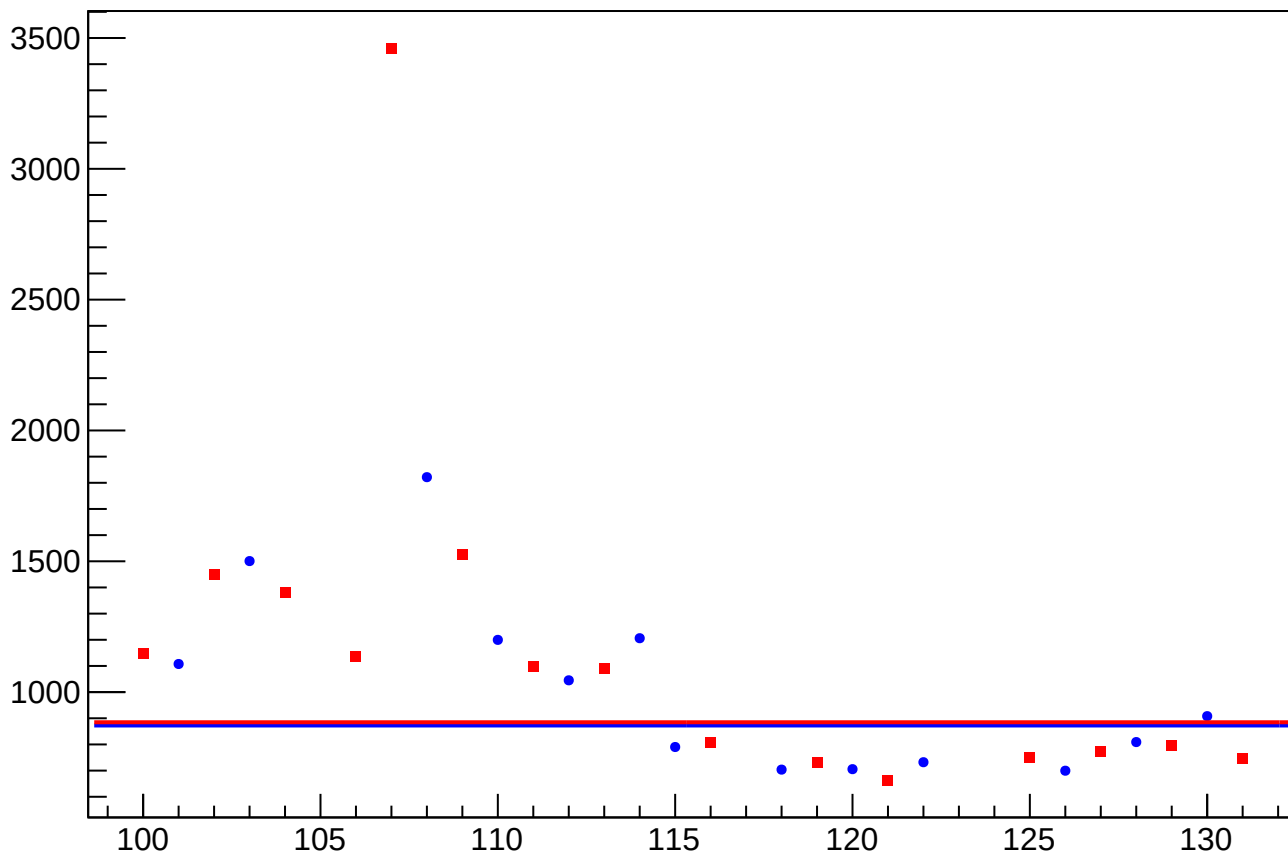
Right: 357.263+/-268.280 χ^2/NDF : 33.7/27

In: 239.417+/-385.012 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.263+/-268.280 χ^2/NDF : 33.7/27

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.492+/-0.272 χ^2/NDF : 775433.7/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

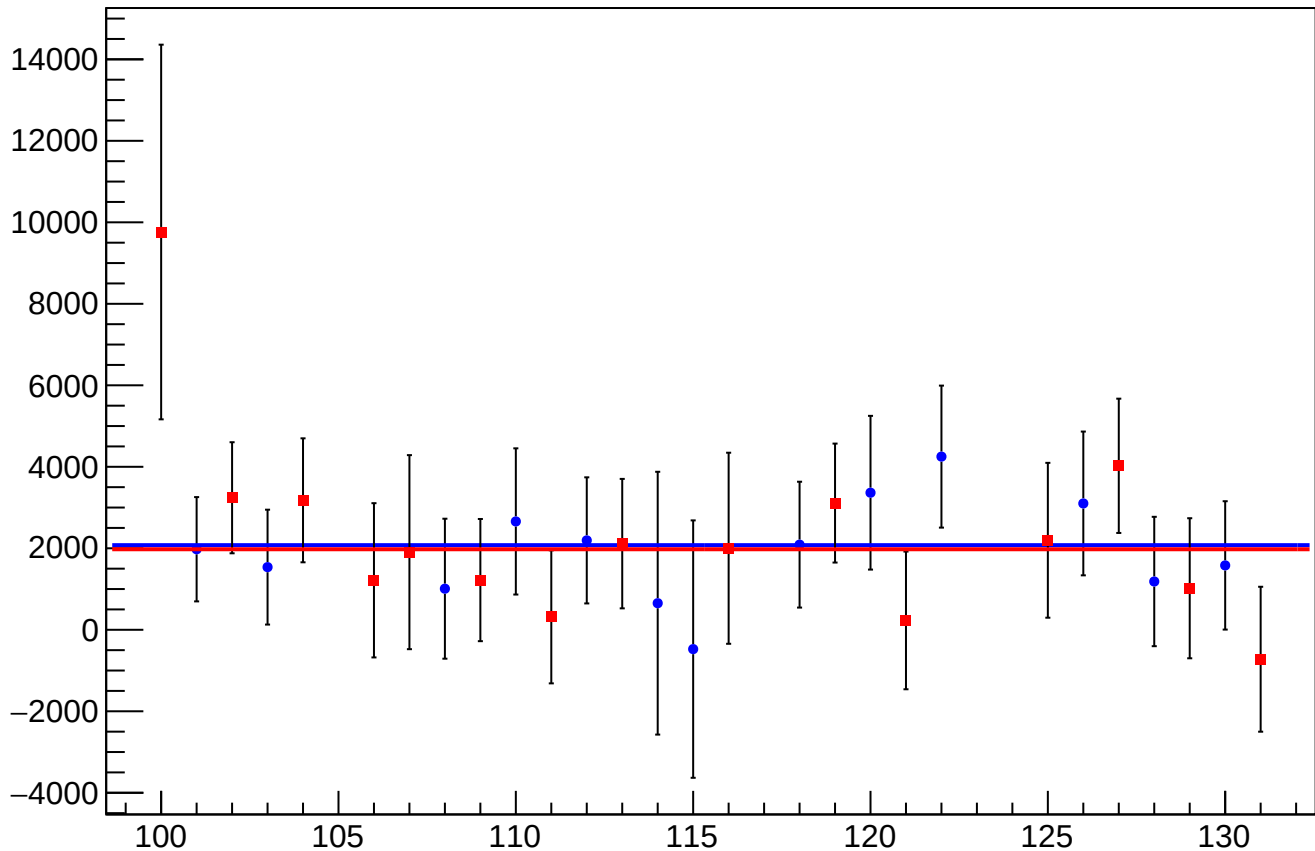
Right: 878.814+/-0.190 χ^2/NDF : 1901325.2/27

In: 872.492+/-0.272 χ^2/NDF : 775433.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.814+/-0.190 χ^2/NDF : 1901325.2/27

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2076.869+/-469.933 χ^2/NDF : 4.3/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

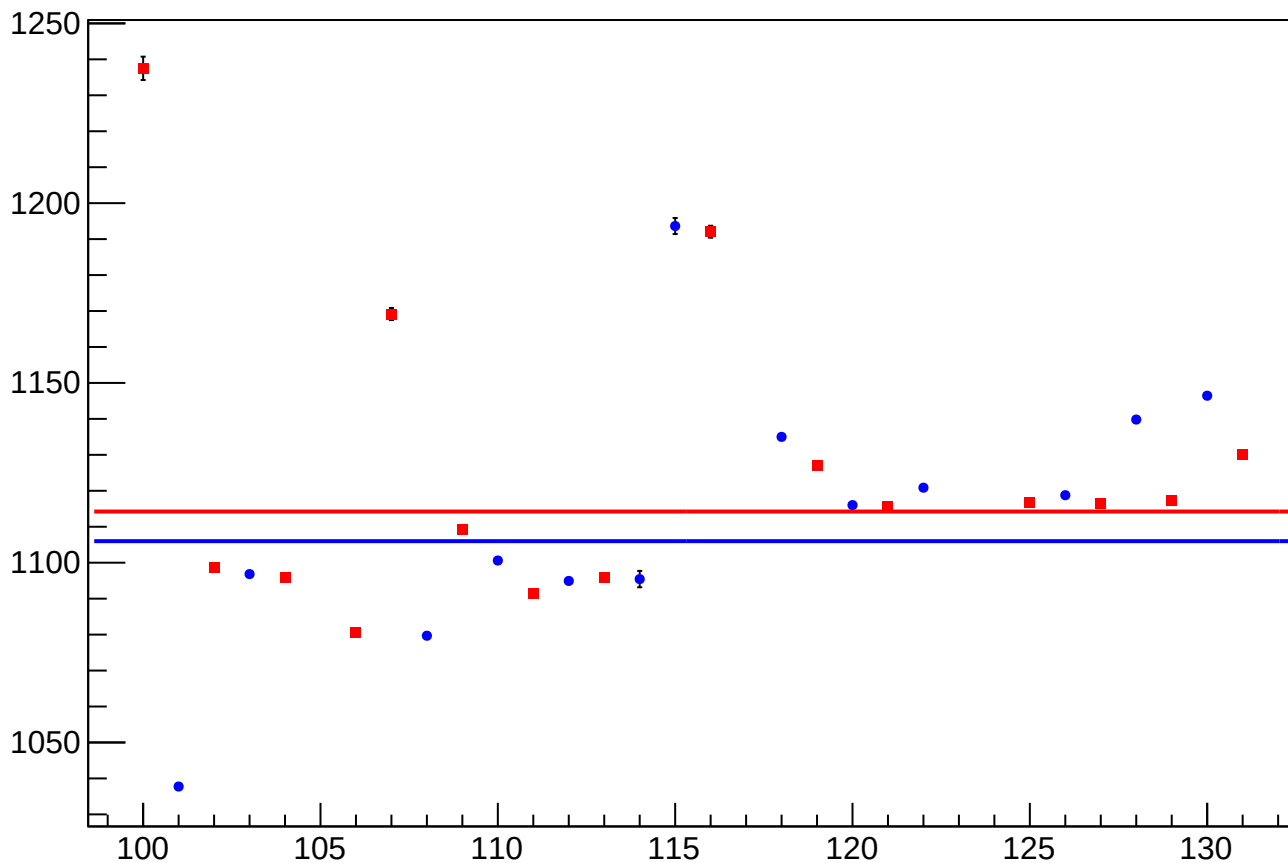
Right: 2024.233+/-324.111 χ^2/NDF : 15.9/27

In: 2076.869+/-469.933 χ^2/NDF : 4.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2024.233+/-324.111 χ^2/NDF : 15.9/27

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1105.991+/-0.332 χ^2/NDF : 11162.3/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

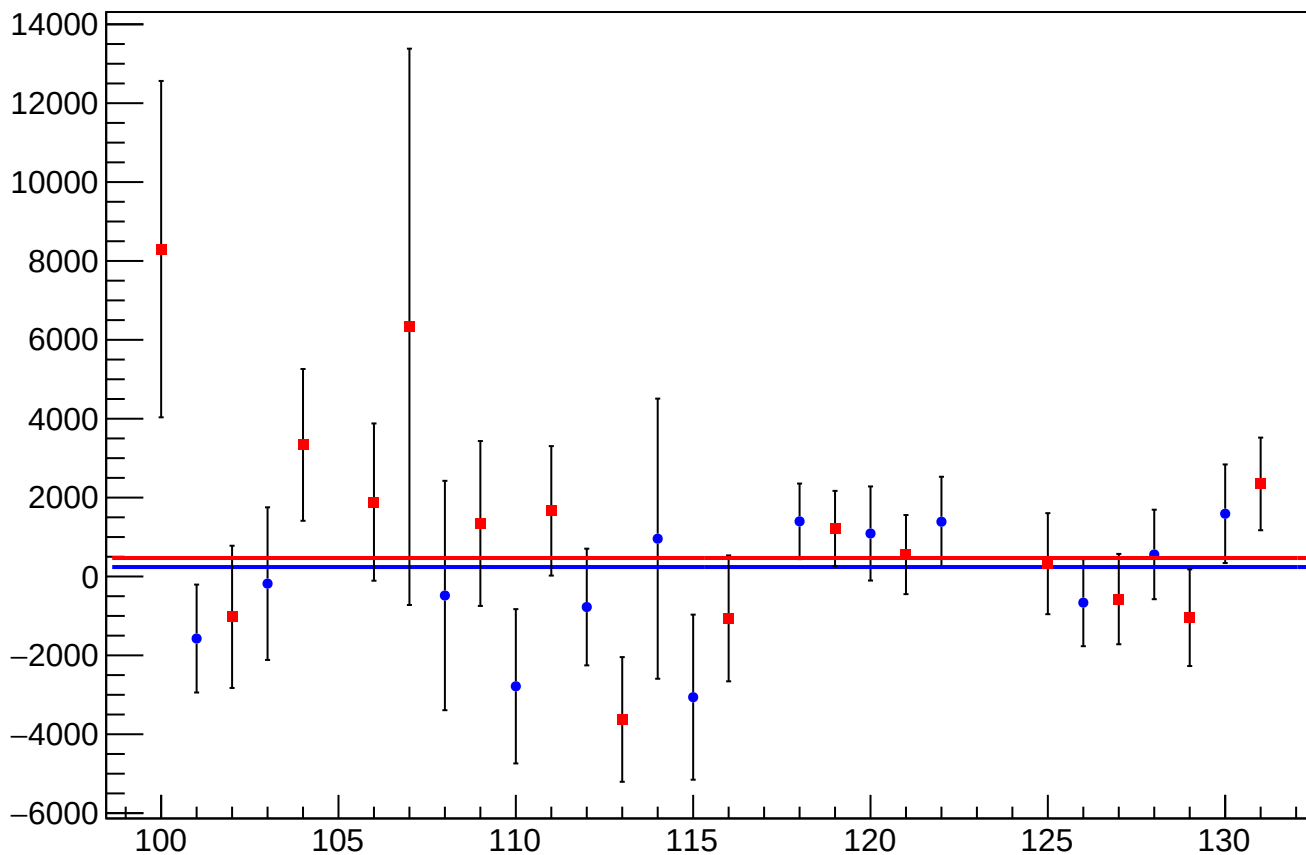
Right: 1110.312+/-0.229 χ^2/NDF : 18378.5/27

In: 1105.991+/-0.332 χ^2/NDF : 11162.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.312+/-0.229 χ^2/NDF : 18378.5/27

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.417 $\pm$ 385.012 χ^2 /NDF: 12.2/12

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

Right Out: 468.486 $\pm$ 374.036 χ^2 /NDF: 21.3/14

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

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

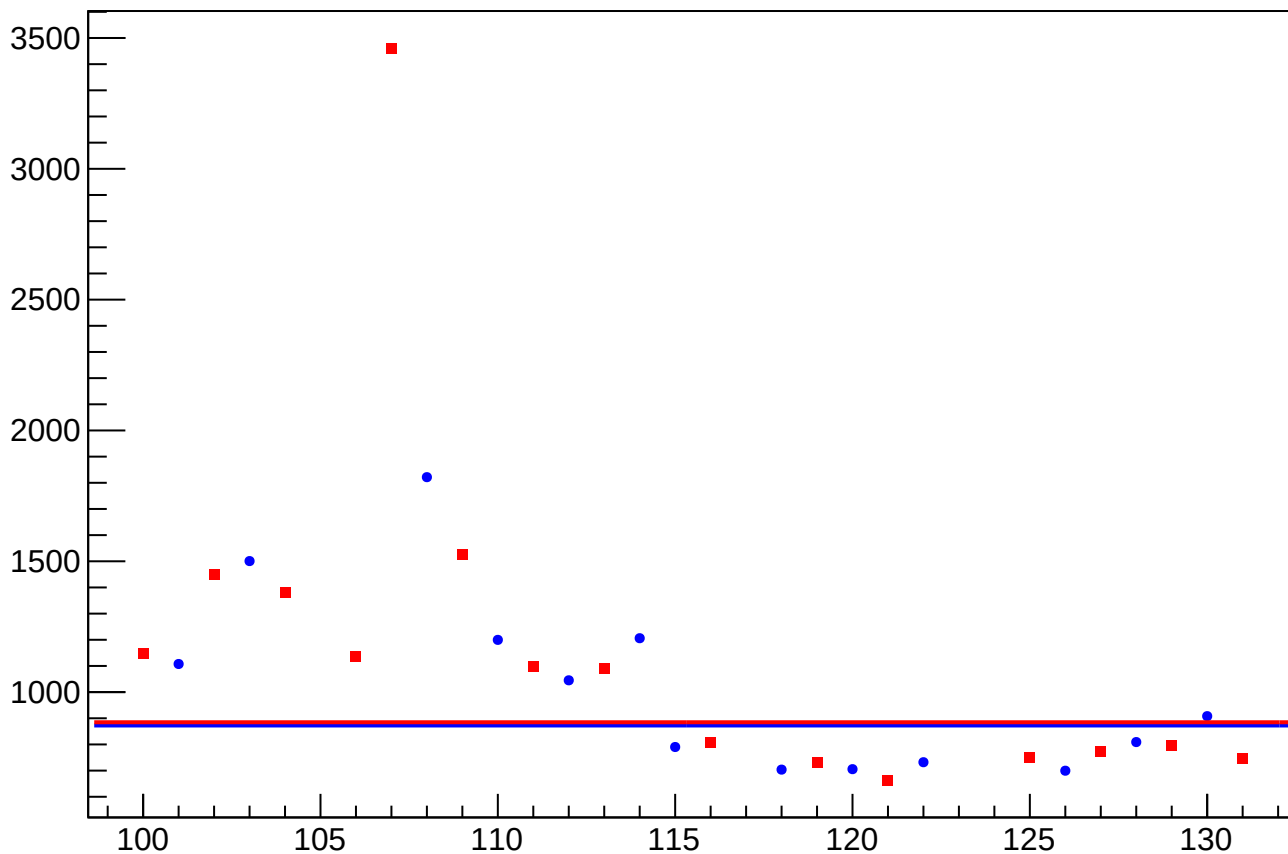
Right: 357.263 $\pm$ 268.280 χ^2 /NDF: 33.7/27

In: 239.417 $\pm$ 385.012 χ^2 /NDF:12.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 357.263 $\pm$ 268.280 χ^2 /NDF: 33.7/27

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.490+/-0.272 χ^2/NDF : 775436.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

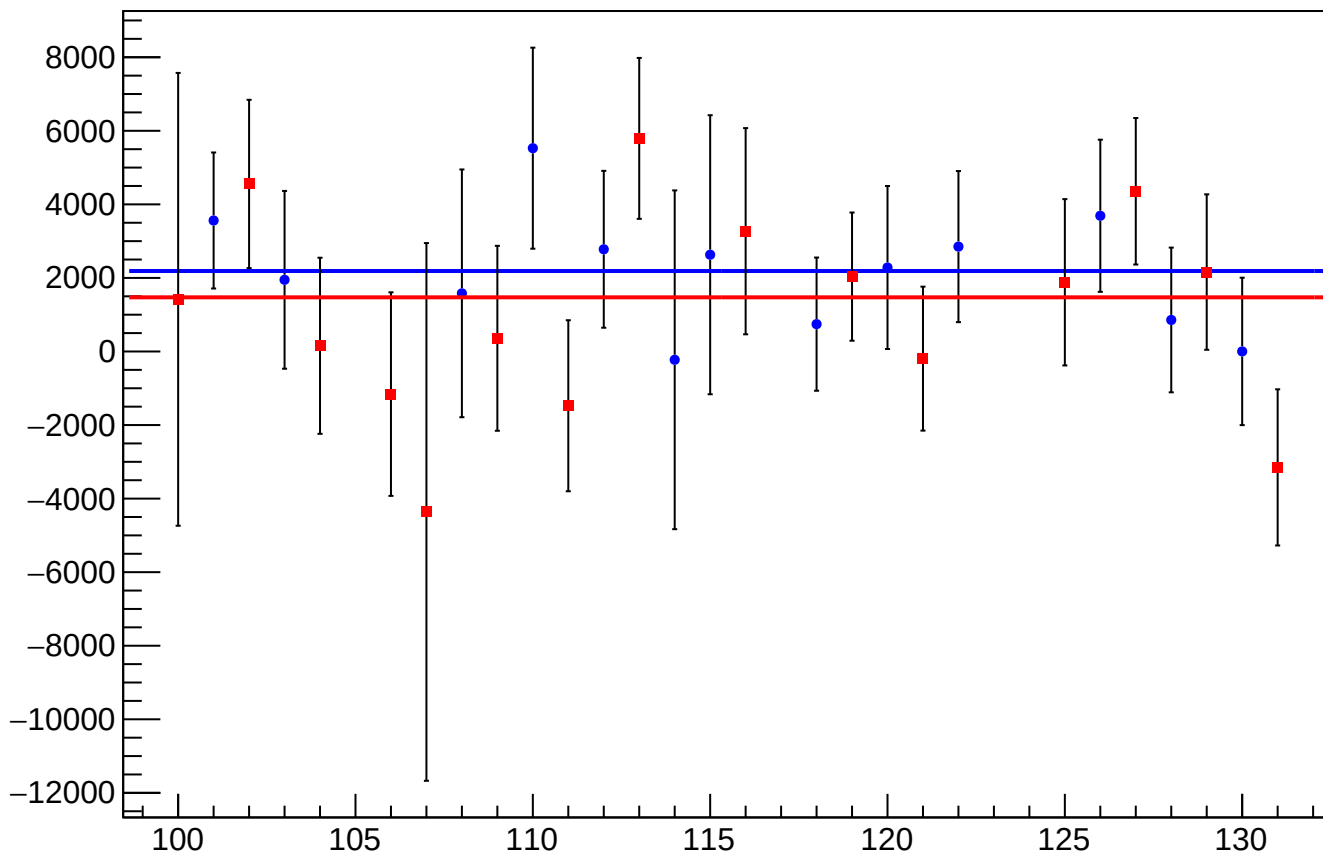
Right: 878.812+/-0.190 χ^2/NDF : 1901329.0/27

In: 872.490+/-0.272 χ^2/NDF : 775436.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.812+/-0.190 χ^2/NDF : 1901329.0/27

asym_usl_mean vs Slug, Sign Corrected



Right In: 2187.924+/-631.315 χ^2/NDF : 5.4/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

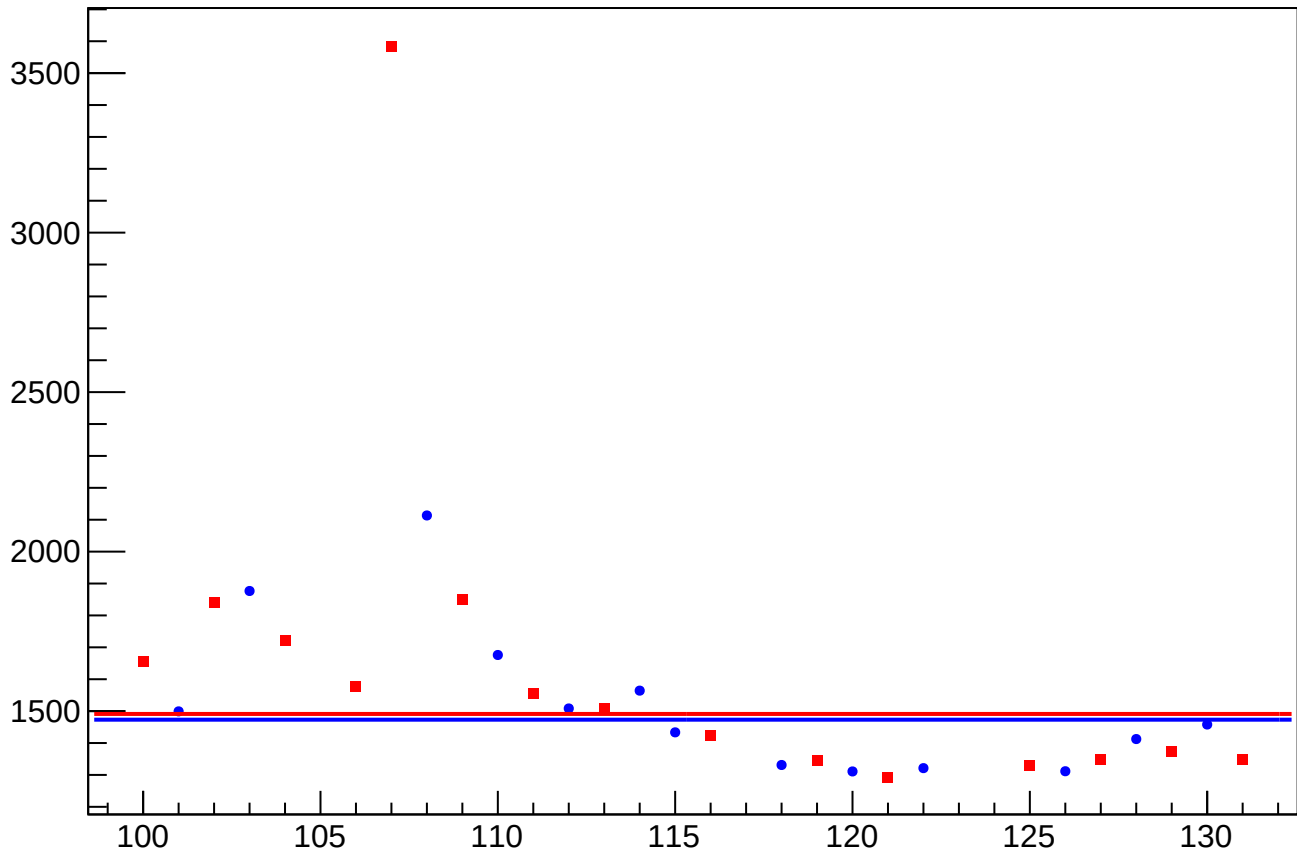
Right: 1816.780+/-437.965 χ^2/NDF : 23.6/27

In: 2187.924+/-631.315 χ^2/NDF : 5.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.780+/-437.965 χ^2/NDF : 23.6/27

asym_usl_rms vs Slug, Sign Corrected



Right In: 1473.154+/-0.446 χ^2/NDF : 189140.4/12

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

Right Out: 1491.153+/-0.430 χ^2/NDF : 347020.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

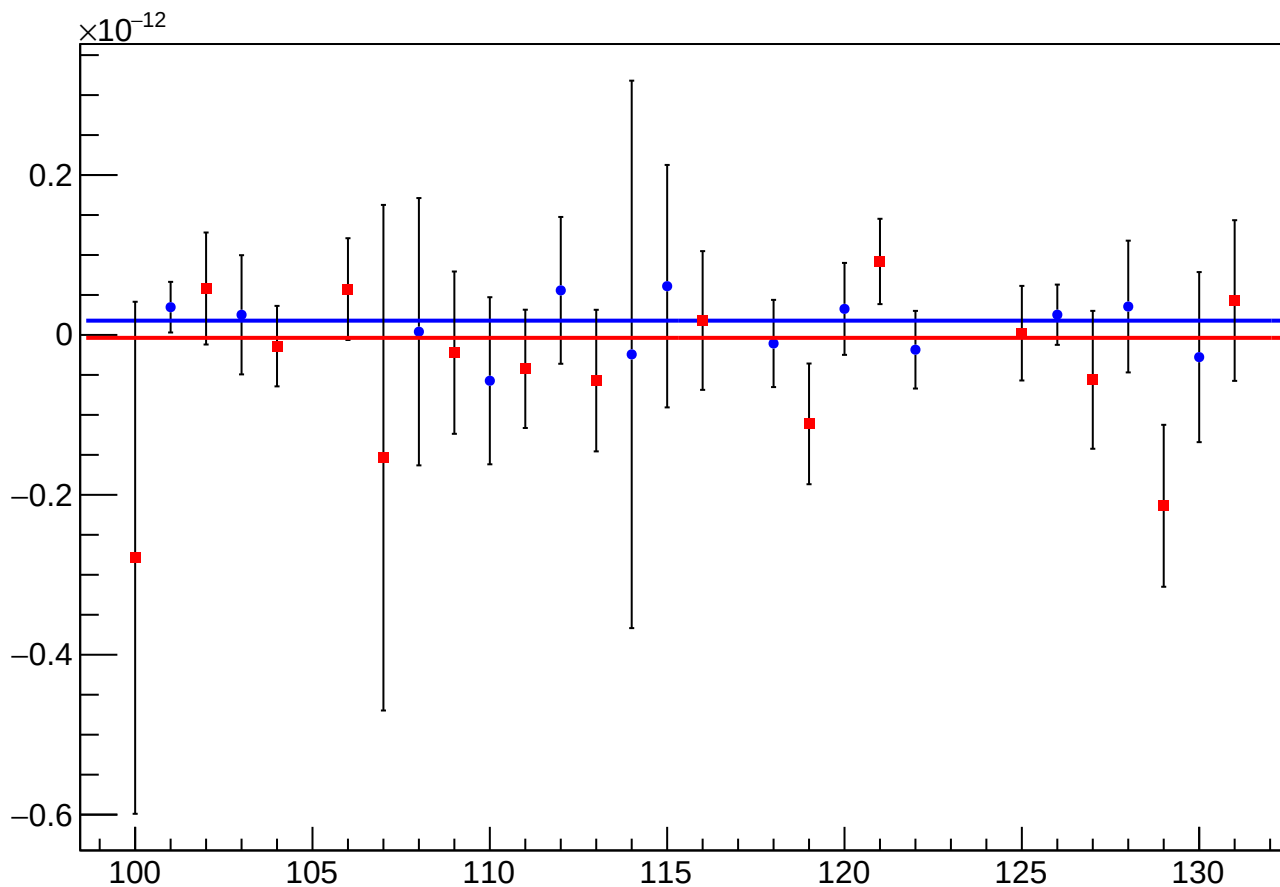
Right: 1482.491+/-0.310 χ^2/NDF : 537003.8/27

In: 1473.154+/-0.446 χ^2/NDF : 189140.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1482.491+/-0.310 χ^2/NDF : 537003.8/27

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

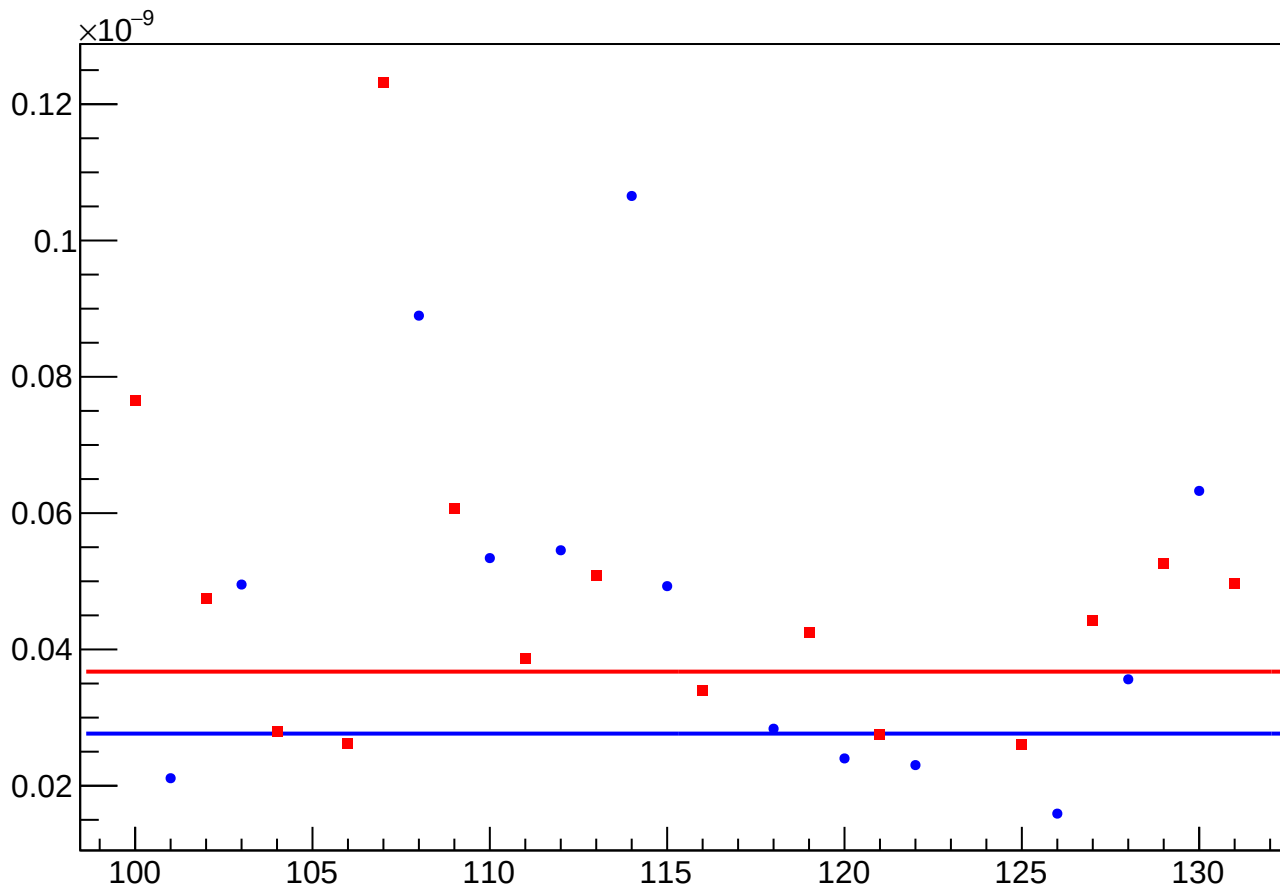
Right: 0.000+/-0.000 χ^2/NDF : 16.5/27

In: 0.000+/-0.000 χ^2/NDF : 2.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/27

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1430153.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 742490.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

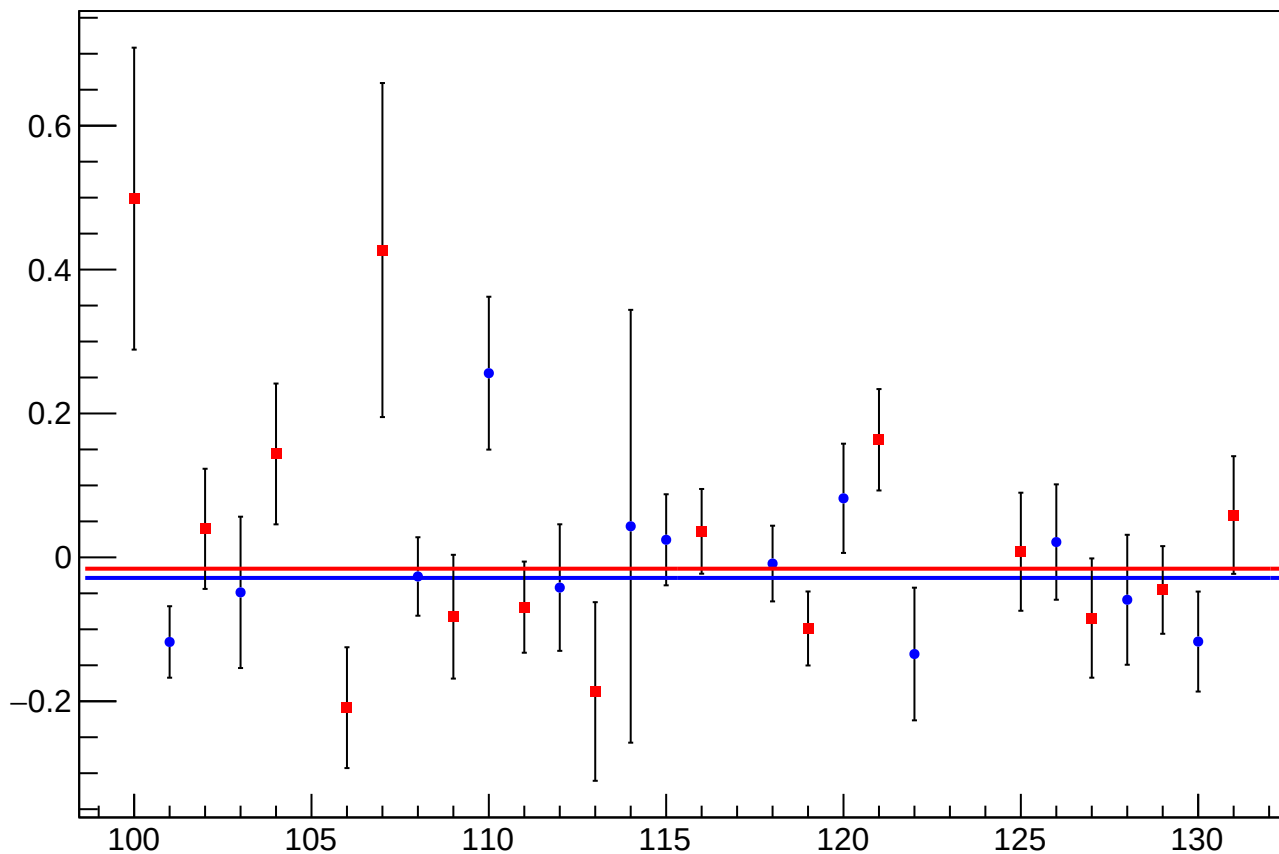
Right: 0.000+/-0.000 χ^2/NDF : 2415824.3/27

In: 0.000+/-0.000 χ^2/NDF : 1430153.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2415824.3/27

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.020 χ^2 /NDF: 16.9/12

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

Right Out: -0.016 $\pm$ 0.020 χ^2 /NDF: 32.9/14

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

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

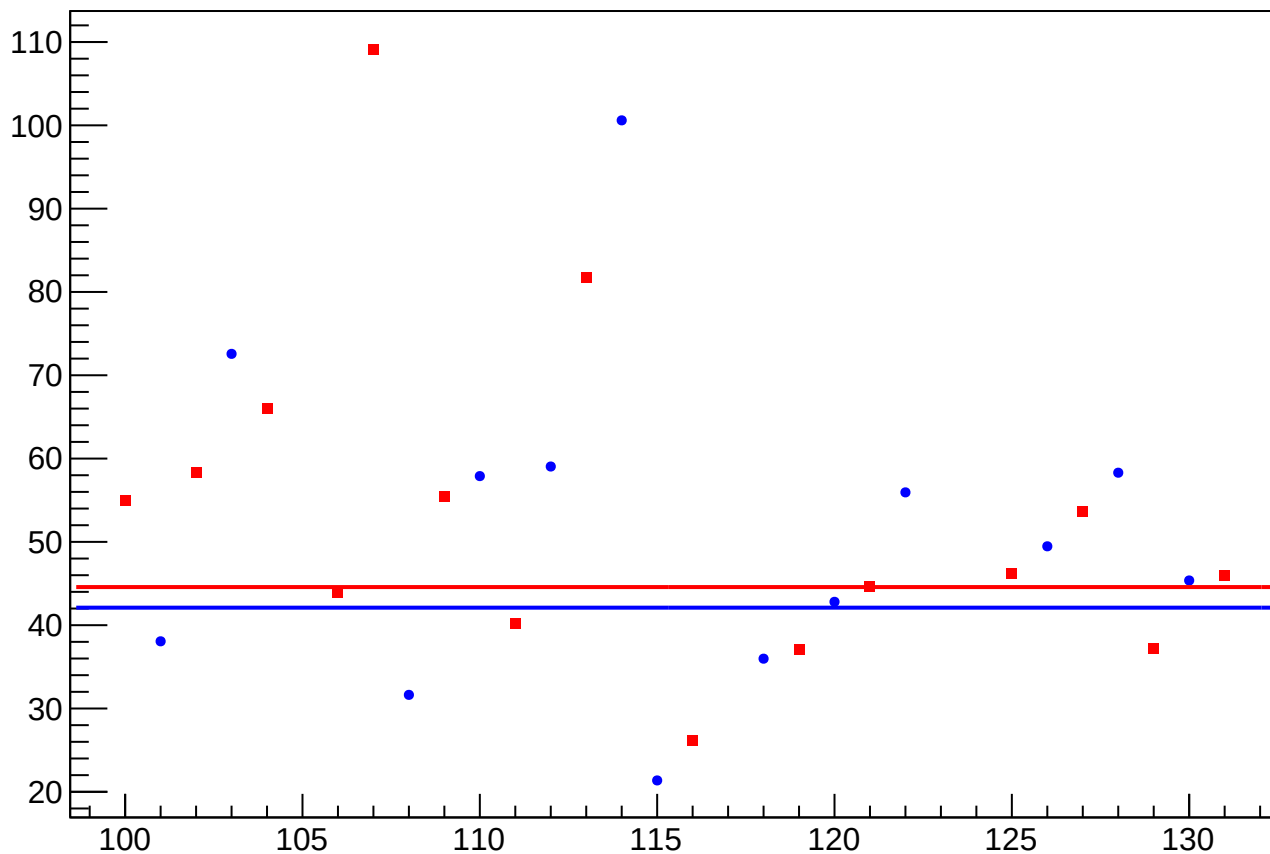
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 50.0/27

In: -0.029 $\pm$ 0.020 χ^2 /NDF:16.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 50.0/27

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.104+/-0.014 χ^2/NDF : 821464.1/12

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

Right Out: 44.576+/-0.014 χ^2/NDF : 821169.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

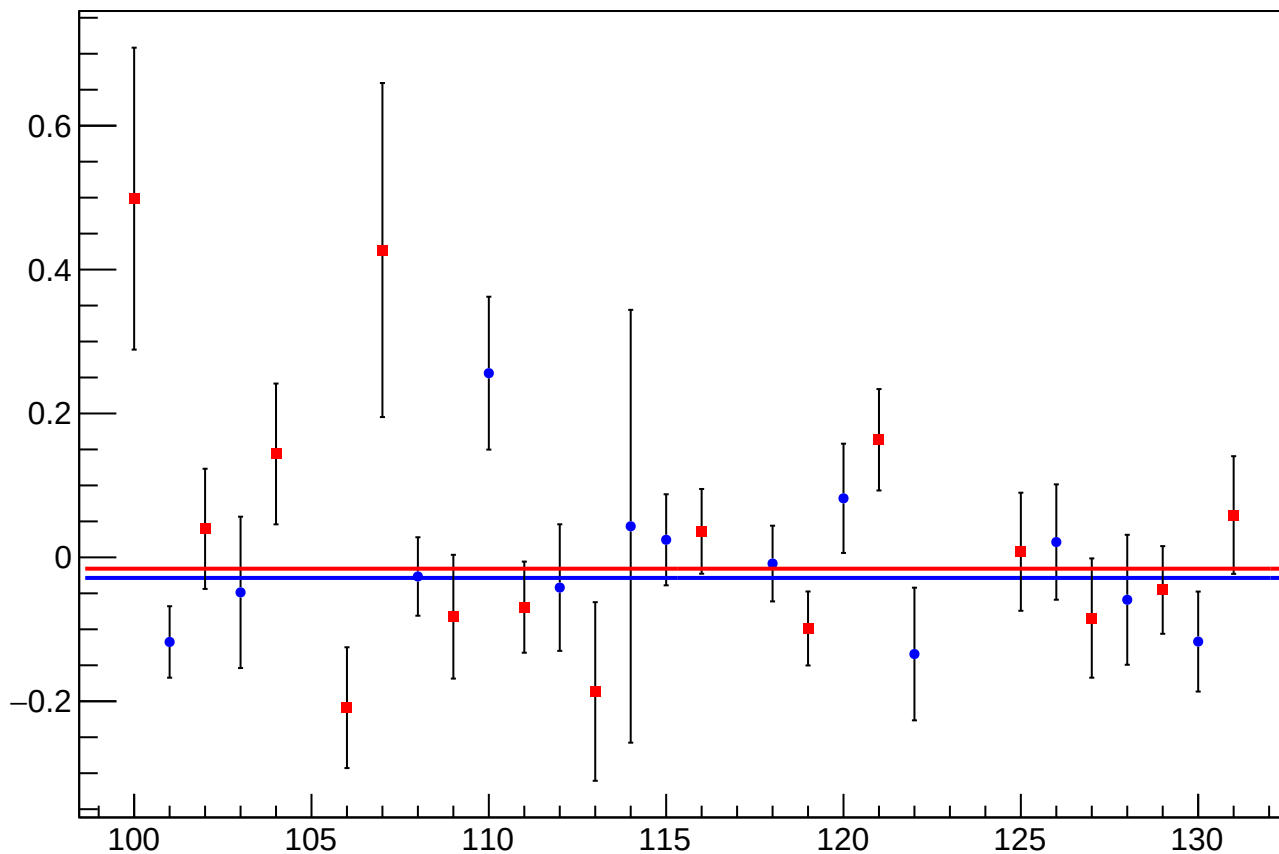
Right: 43.344+/-0.010 χ^2/NDF : 1657631.3/27

In: 42.104+/-0.014 χ^2/NDF : 821464.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.344+/-0.010 χ^2/NDF : 1657631.3/27

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

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

Right Out: -0.016 ± 0.020 χ^2/NDF : 32.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

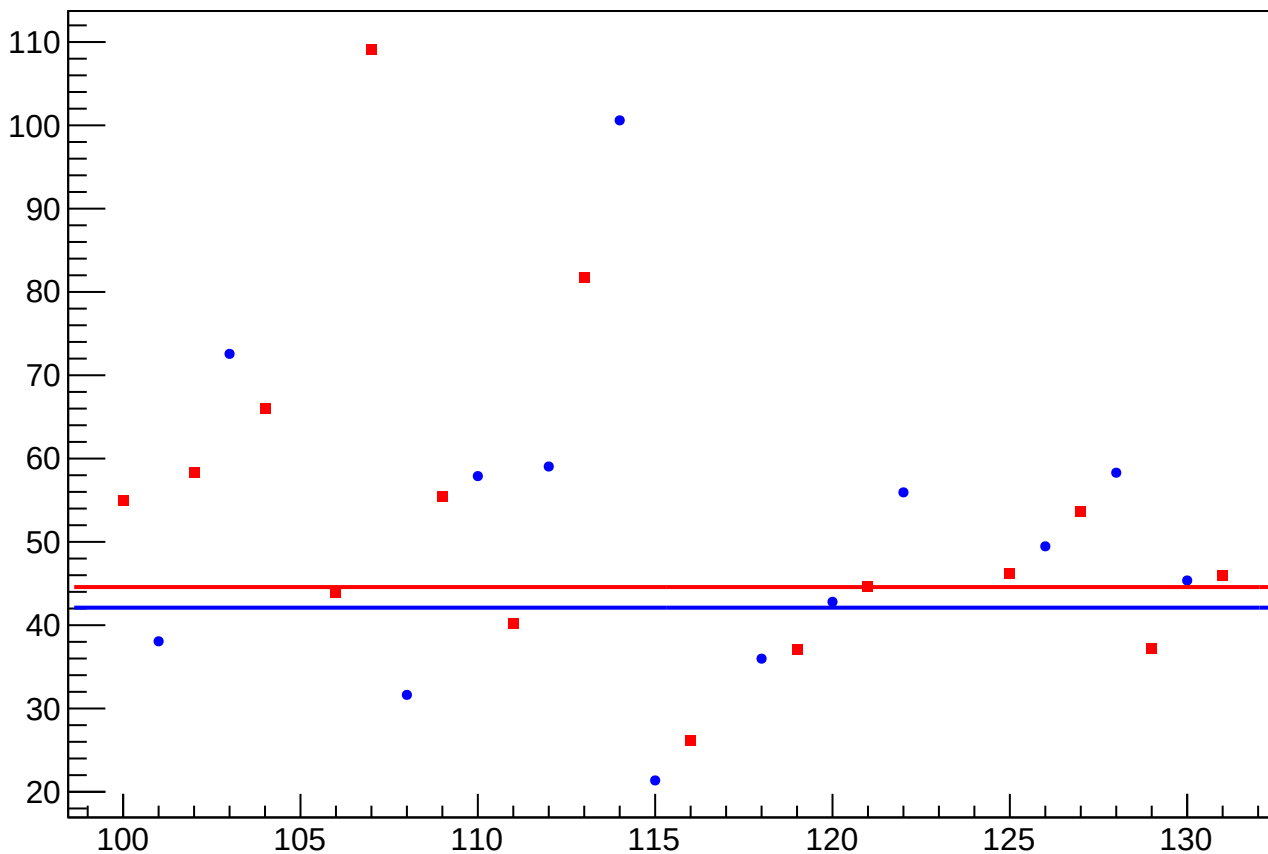
Right: -0.022 ± 0.014 χ^2/NDF : 50.0/27

In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.014 χ^2/NDF : 50.0/27

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.104+/-0.014 χ^2/NDF : 821464.1/12

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

Right Out: 44.576+/-0.014 χ^2/NDF : 821169.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

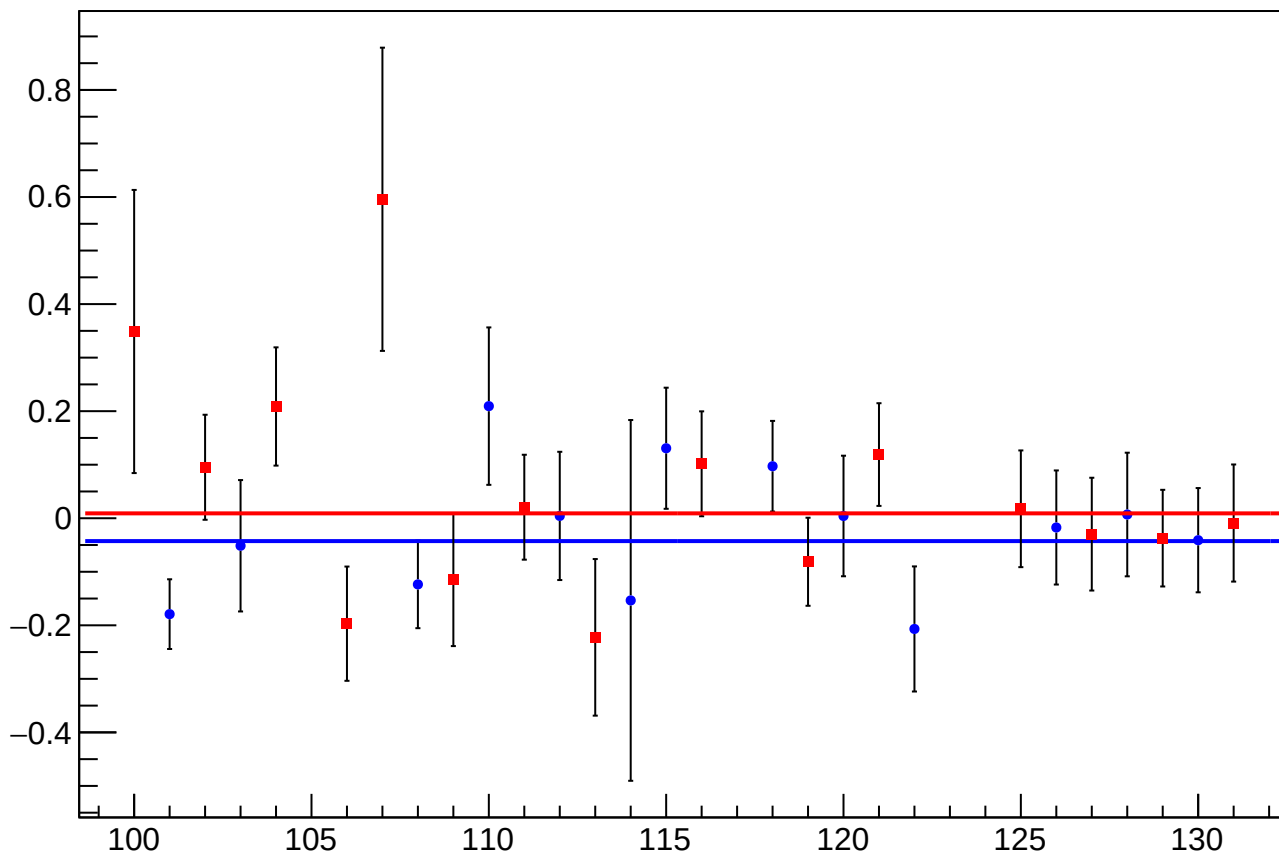
Right: 43.344+/-0.010 χ^2/NDF : 1657631.3/27

In: 42.104+/-0.014 χ^2/NDF : 821464.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.344+/-0.010 χ^2/NDF : 1657631.3/27

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043+/-0.029 χ^2/NDF : 16.0/12

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

Right Out: 0.009+/-0.028 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

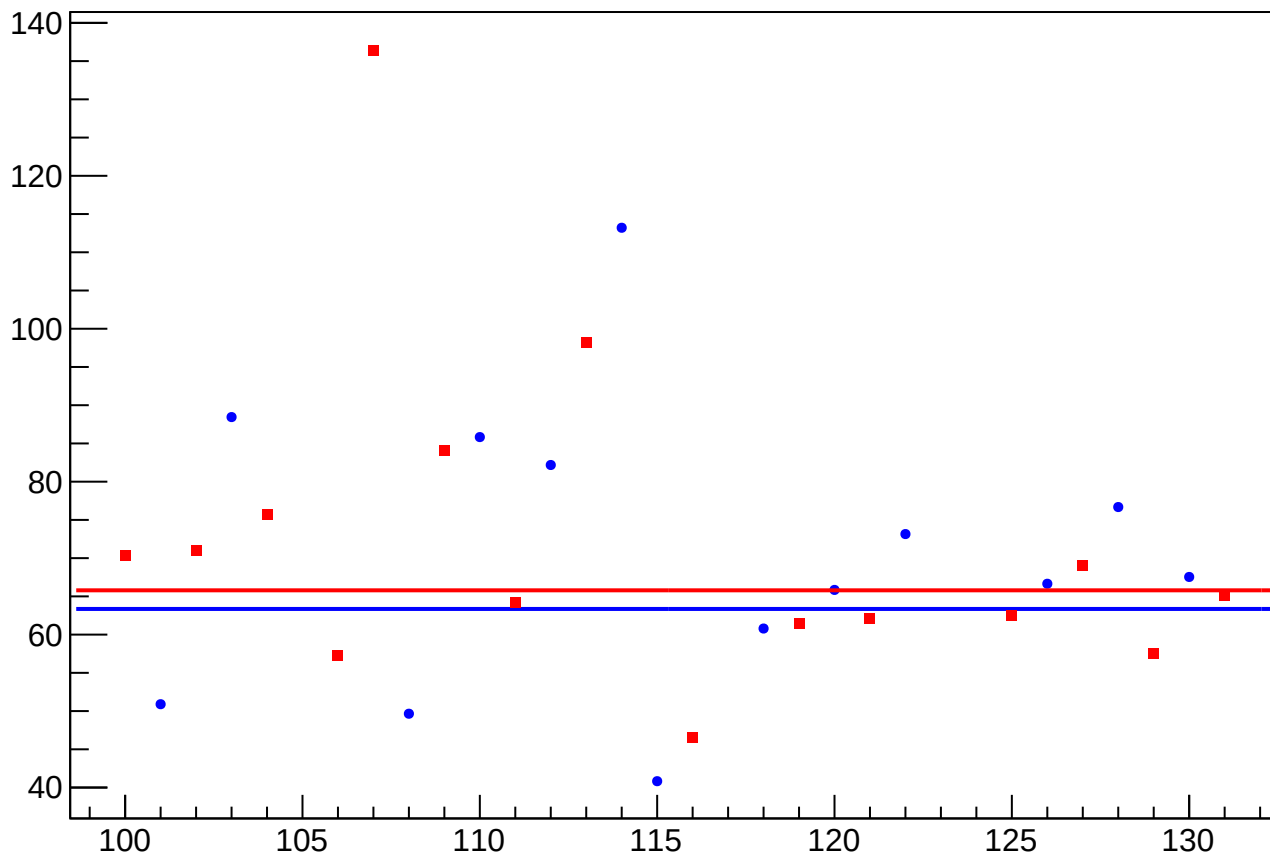
Right: -0.016+/-0.020 χ^2/NDF : 38.8/27

In: -0.043+/-0.029 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.020 χ^2/NDF : 38.8/27

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.355+/-0.020 χ^2/NDF : 481291.0/12

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

Right Out: 65.792+/-0.020 χ^2/NDF : 407979.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

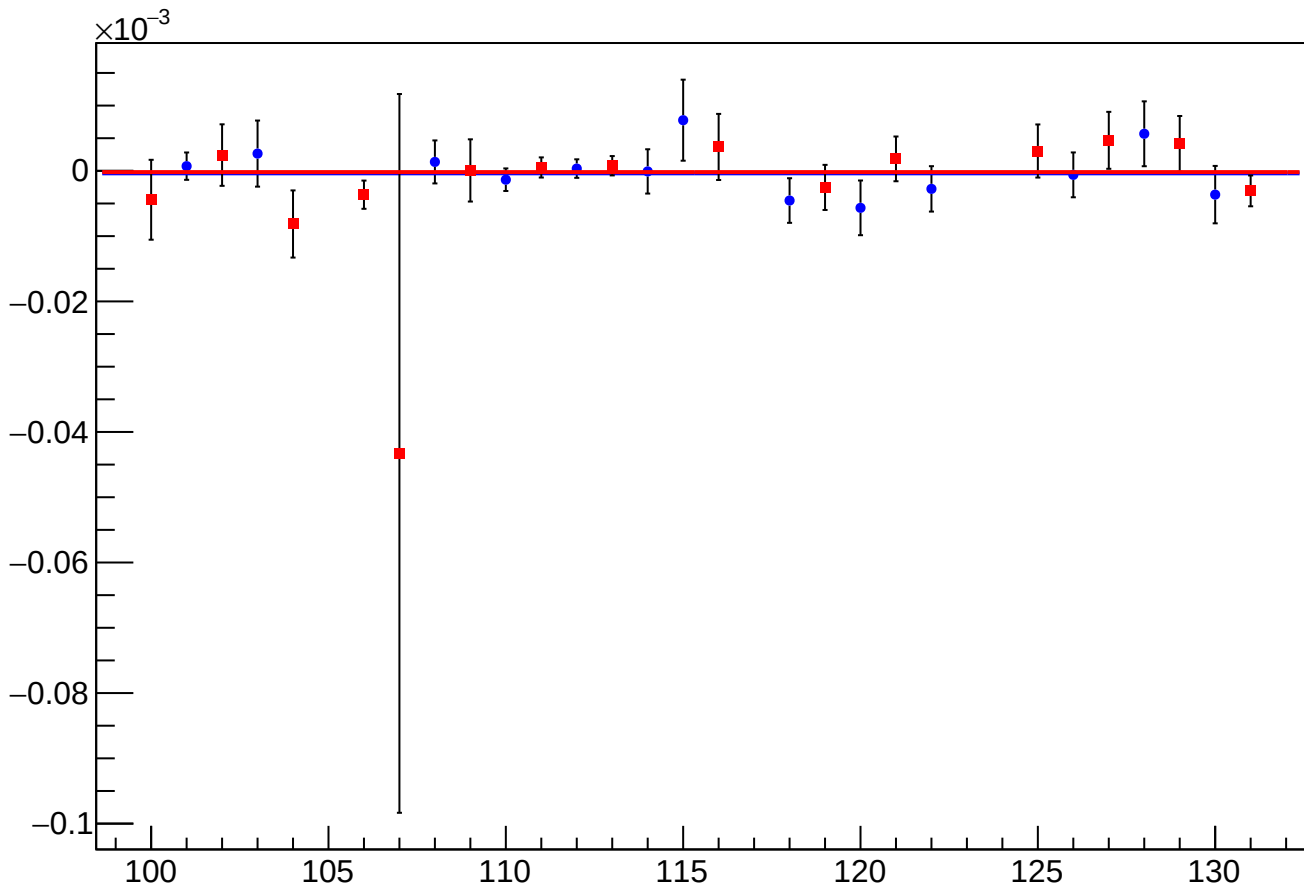
Right: 64.595+/-0.014 χ^2/NDF : 896607.7/27

In: 63.355+/-0.020 χ^2/NDF : 481291.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.595+/-0.014 χ^2/NDF : 896607.7/27

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.8/12

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.8/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

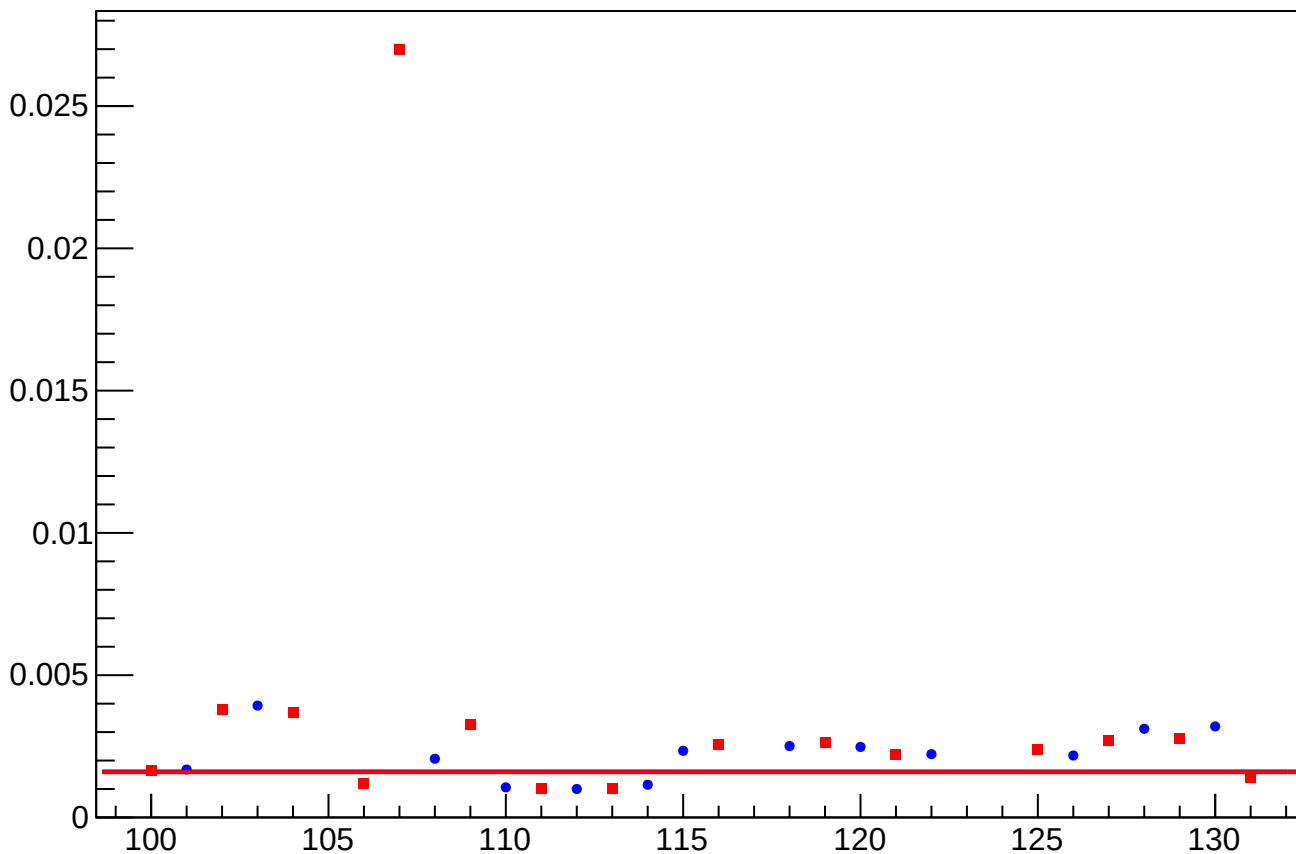
Right: -0.000 ± 0.000 χ^2/NDF : 21.6/27

In: -0.000 ± 0.000 χ^2/NDF : 8.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.6/27

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1883624.7/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2766905.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

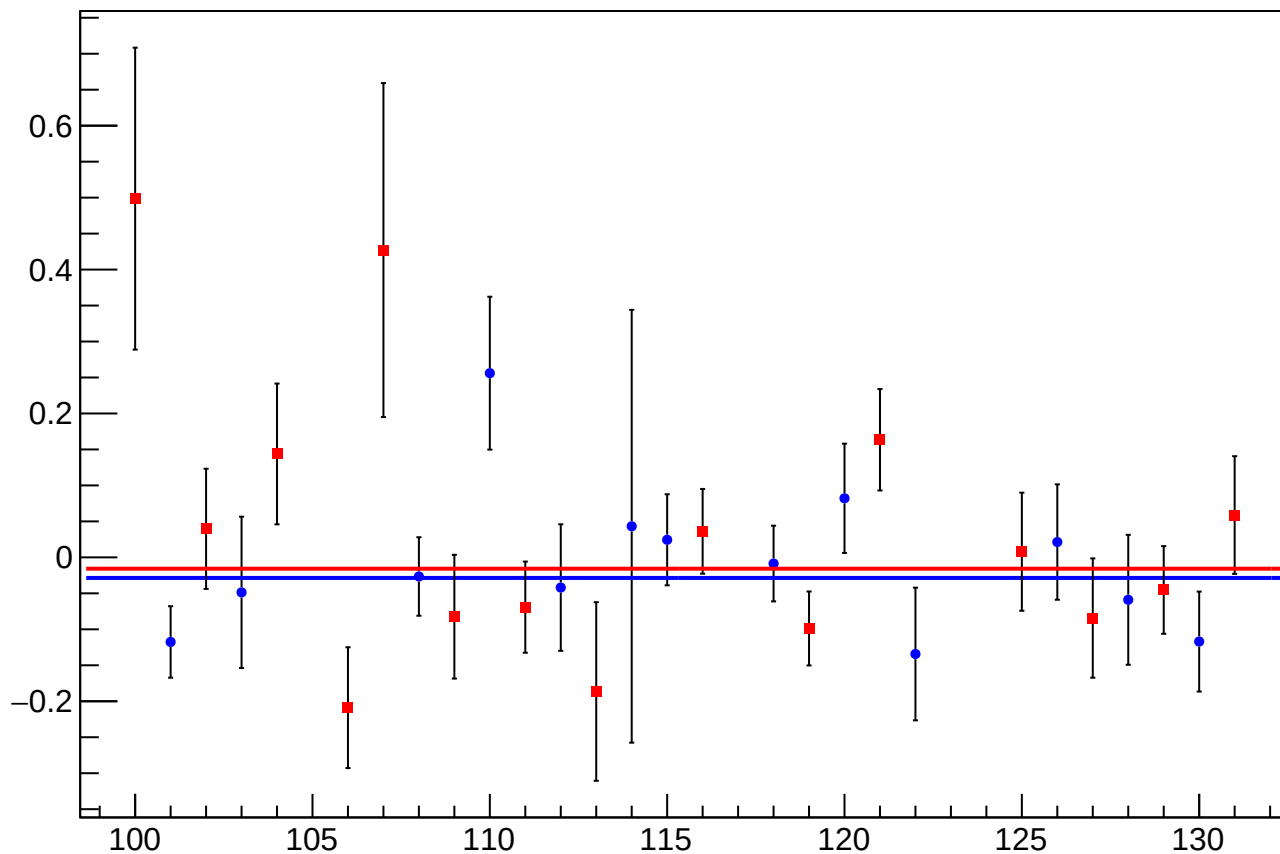
Right: 0.002+/-0.000 χ^2/NDF : 4651551.0/27

In: 0.002+/-0.000 χ^2/NDF : 1883624.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4651551.0/27

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.020 χ^2/NDF : 16.9/12

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

Right Out: -0.016+/-0.020 χ^2/NDF : 32.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

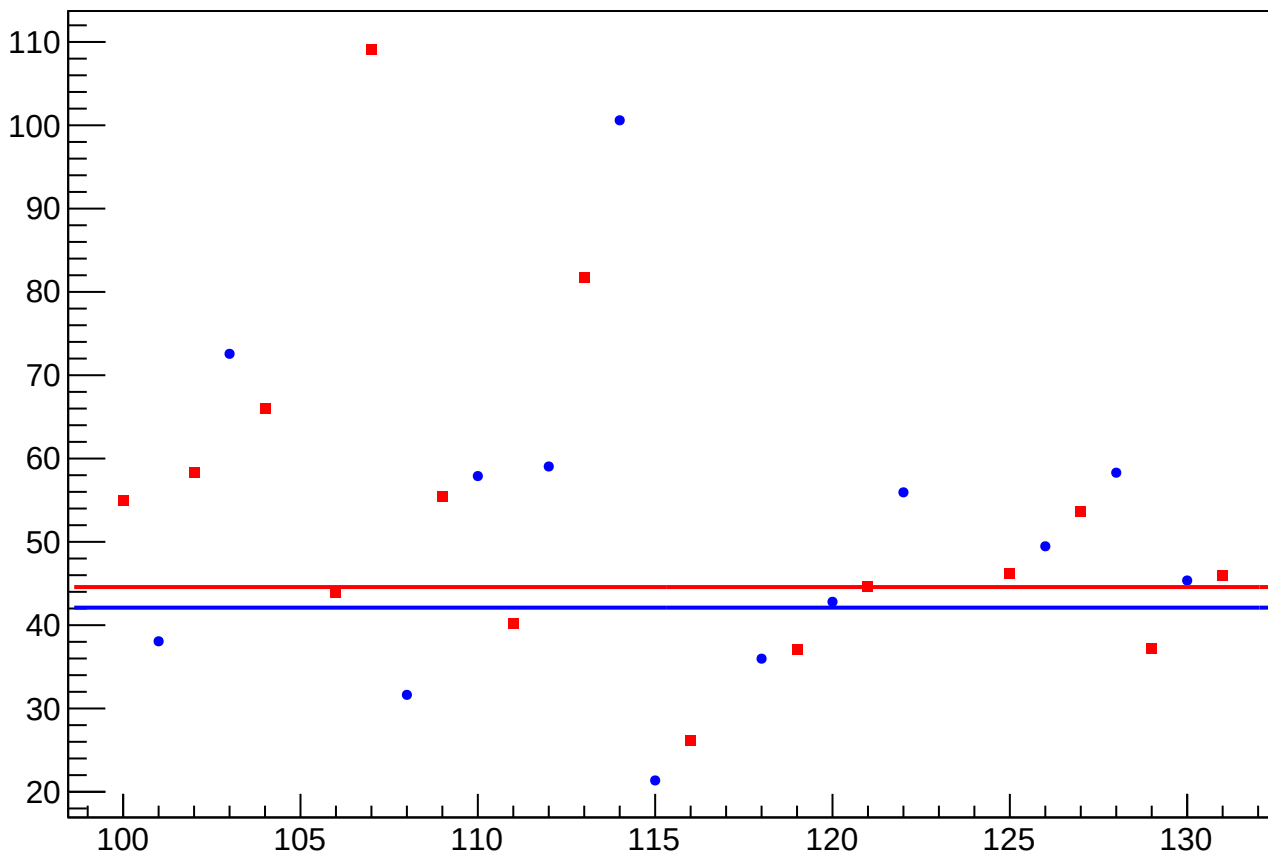
Right: -0.022+/-0.014 χ^2/NDF : 50.0/27

In: -0.029+/-0.020 χ^2/NDF :16.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.014 χ^2/NDF : 50.0/27

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.103+/-0.014 χ^2/NDF : 821503.6/12

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

Right Out: 44.575+/-0.014 χ^2/NDF : 821202.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

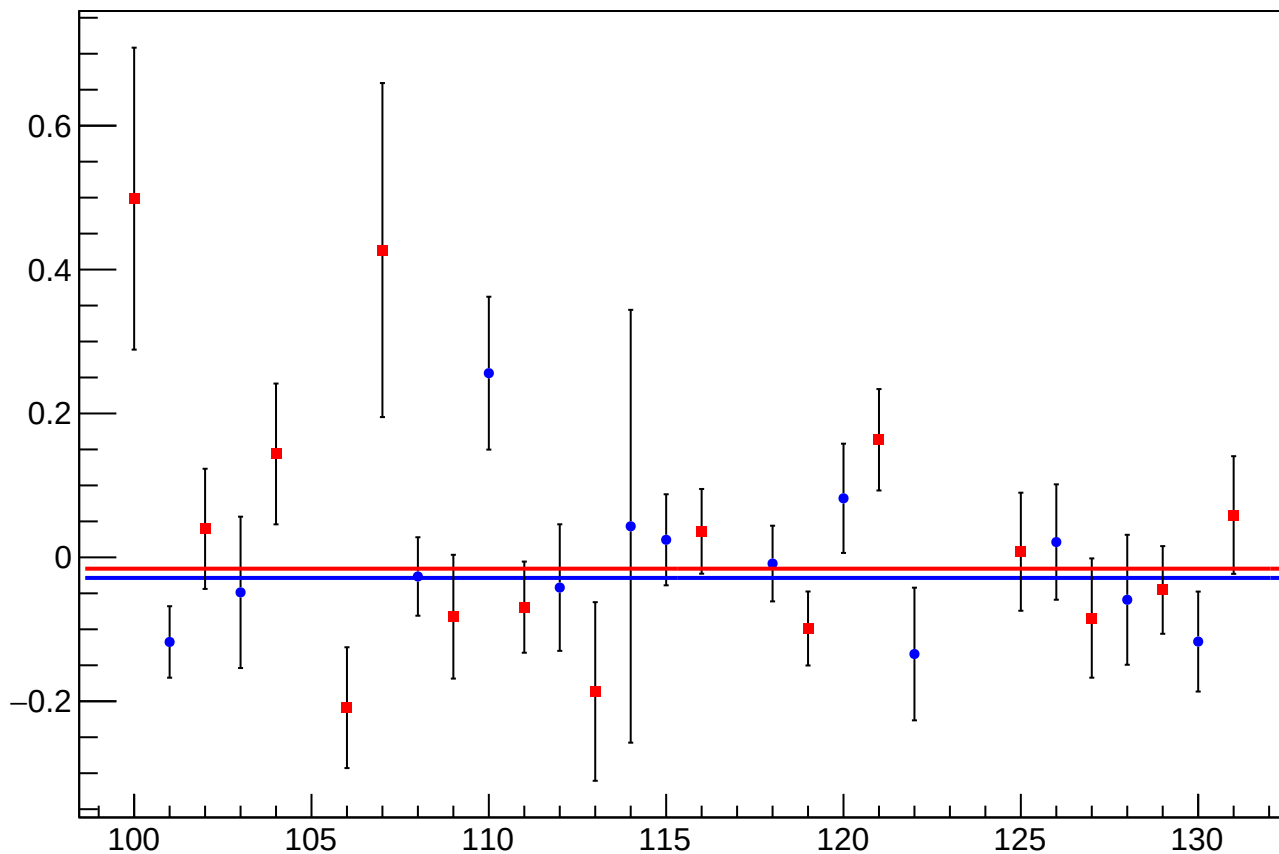
Right: 43.343+/-0.010 χ^2/NDF : 1657703.9/27

In: 42.103+/-0.014 χ^2/NDF :821503.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.343+/-0.010 χ^2/NDF : 1657703.9/27

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.020 χ^2 /NDF: 16.9/12

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

Right Out: -0.016+/-0.020 χ^2 /NDF: 32.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

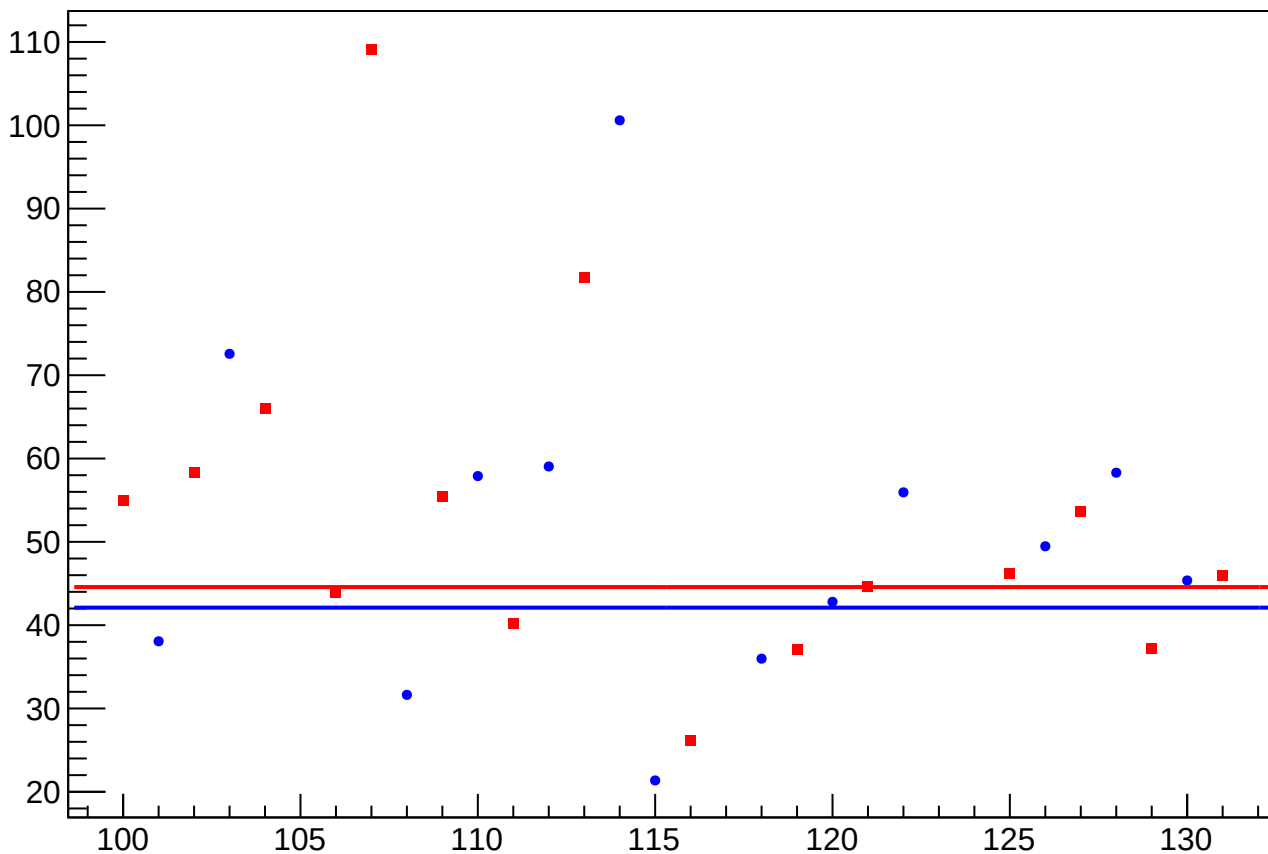
Right: -0.022+/-0.014 χ^2 /NDF: 50.0/27

In: -0.029+/-0.020 χ^2 /NDF:16.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.014 χ^2 /NDF: 50.0/27

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.103+/-0.014 χ^2/NDF : 821503.6/12

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

Right Out: 44.575+/-0.014 χ^2/NDF : 821202.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

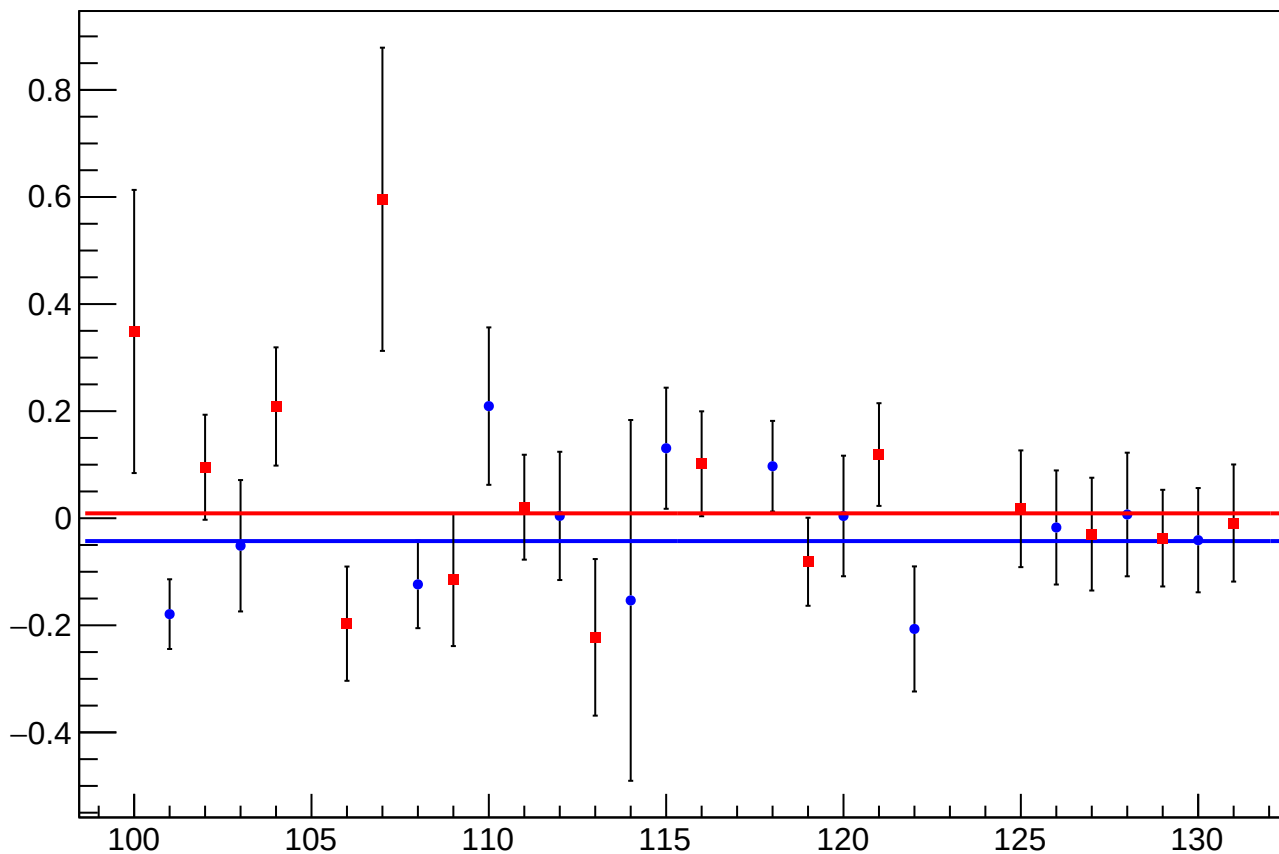
Right: 43.343+/-0.010 χ^2/NDF : 1657703.9/27

In: 42.103+/-0.014 χ^2/NDF : 821503.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.343+/-0.010 χ^2/NDF : 1657703.9/27

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043+/-0.029 χ^2/NDF : 16.0/12

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

Right Out: 0.009+/-0.028 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

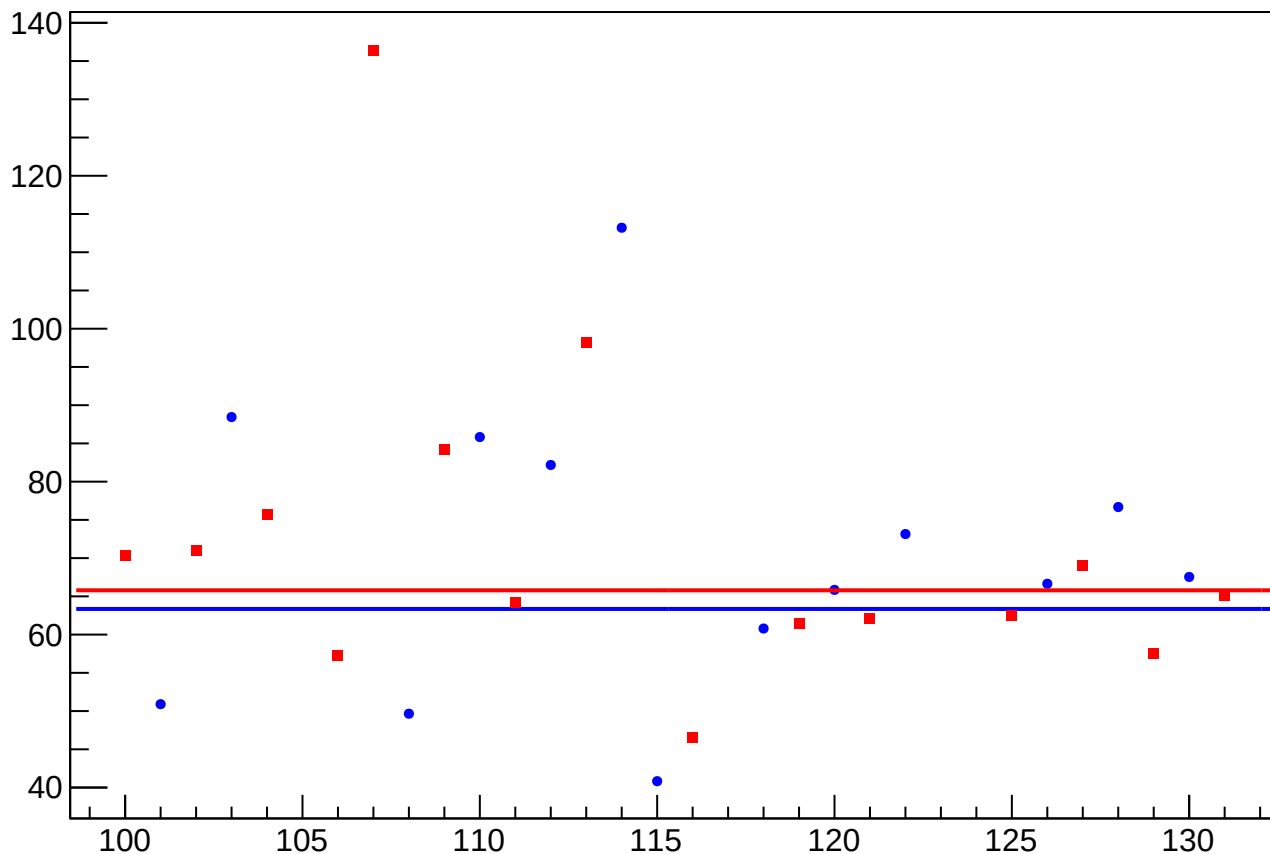
Right: -0.016+/-0.020 χ^2/NDF : 38.8/27

In: -0.043+/-0.029 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.020 χ^2/NDF : 38.8/27

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.355+/-0.020 χ^2/NDF : 481291.2/12

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

Right Out: 65.791+/-0.020 χ^2/NDF : 407974.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

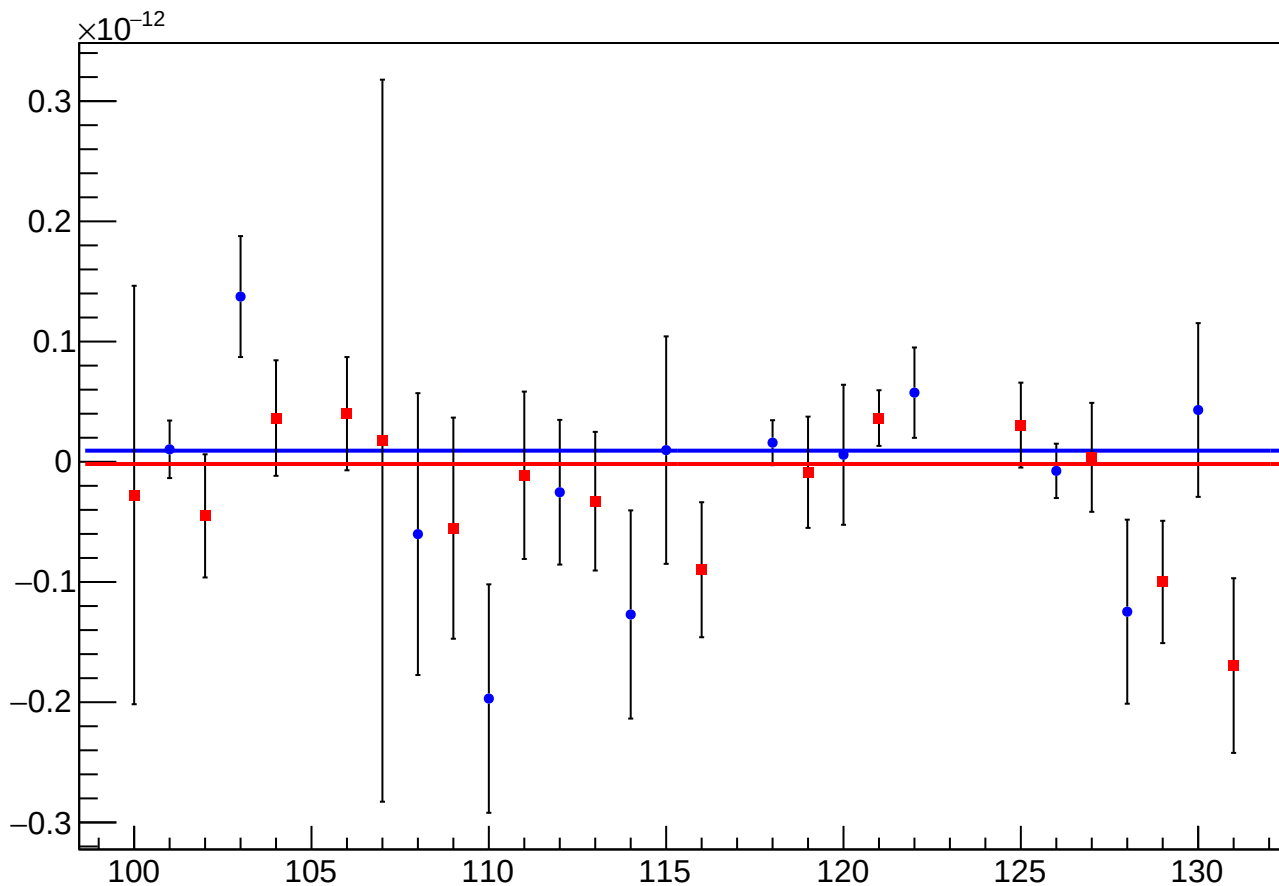
Right: 64.594+/-0.014 χ^2/NDF : 896601.3/27

In: 63.355+/-0.020 χ^2/NDF : 481291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.594+/-0.014 χ^2/NDF : 896601.3/27

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.0/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

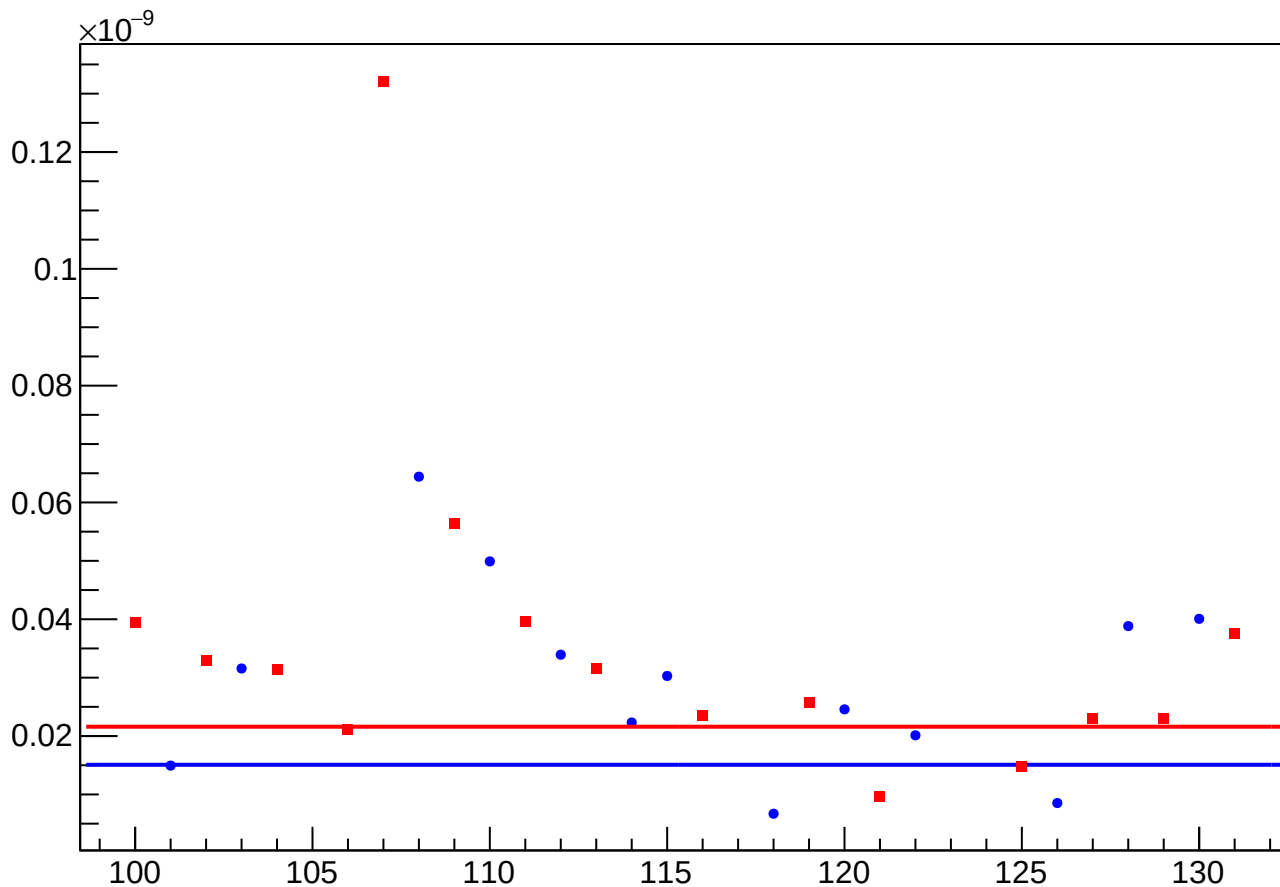
Right: 0.000+/-0.000 χ^2/NDF : 38.3/27

In: 0.000+/-0.000 χ^2/NDF : 20.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.3/27

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2190213.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1673972.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

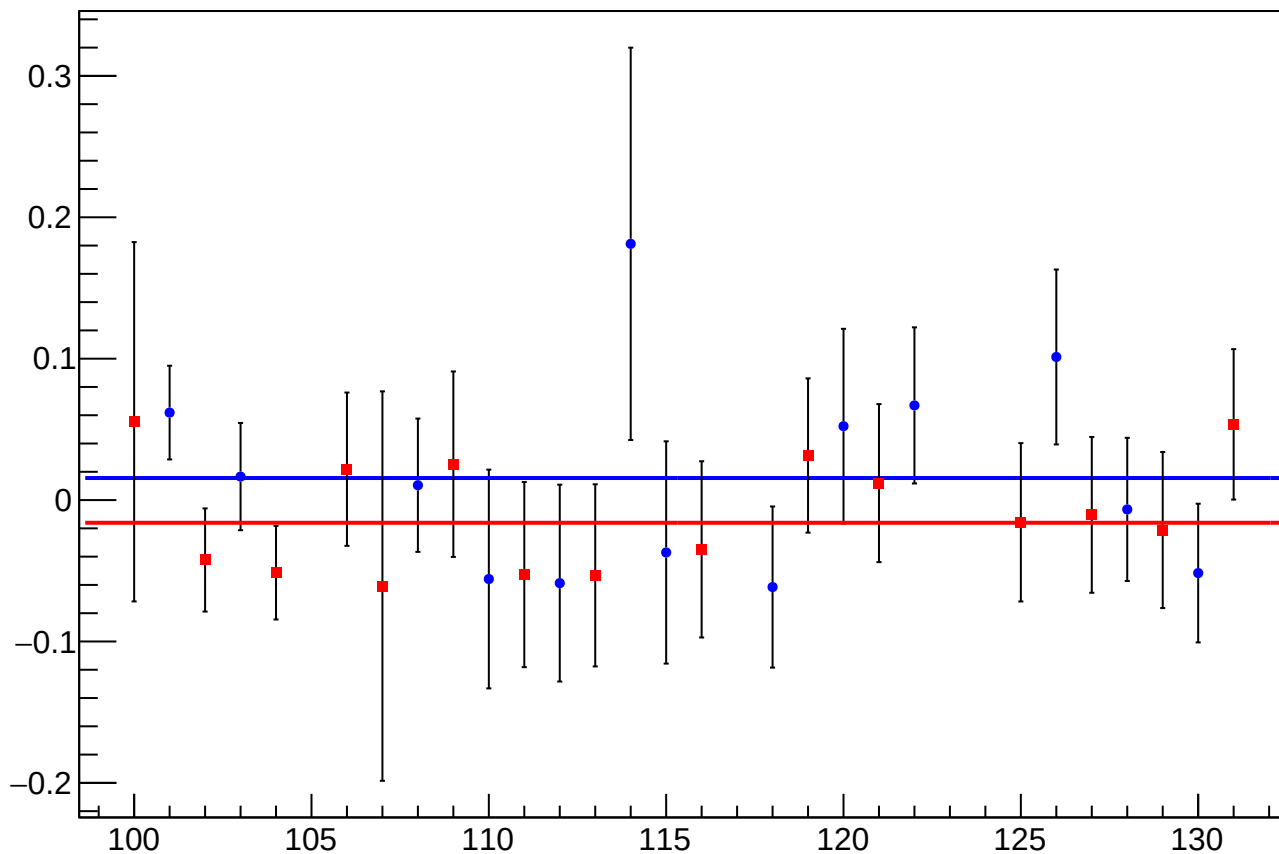
Right: 0.000+/-0.000 χ^2/NDF : 4183861.6/27

In: 0.000+/-0.000 χ^2/NDF : 2190213.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4183861.6/27

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.015 χ^2/NDF : 12.8/12

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

Right Out: -0.016+/-0.014 χ^2/NDF : 6.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

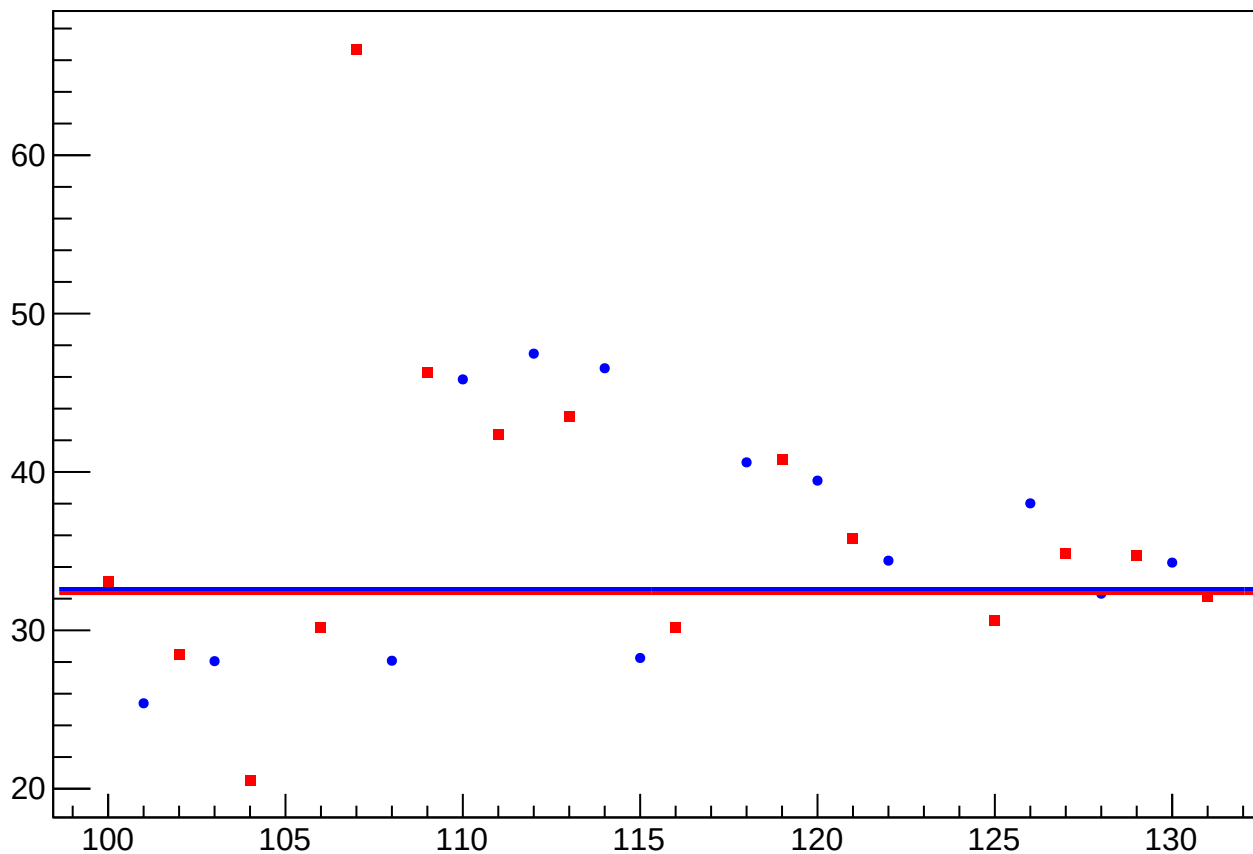
Right: -0.001+/-0.010 χ^2/NDF : 21.6/27

In: 0.016+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.010 χ^2/NDF : 21.6/27

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.610+/-0.010 χ^2/NDF : 397163.5/12

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

Right Out: 32.357+/-0.010 χ^2/NDF : 671083.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

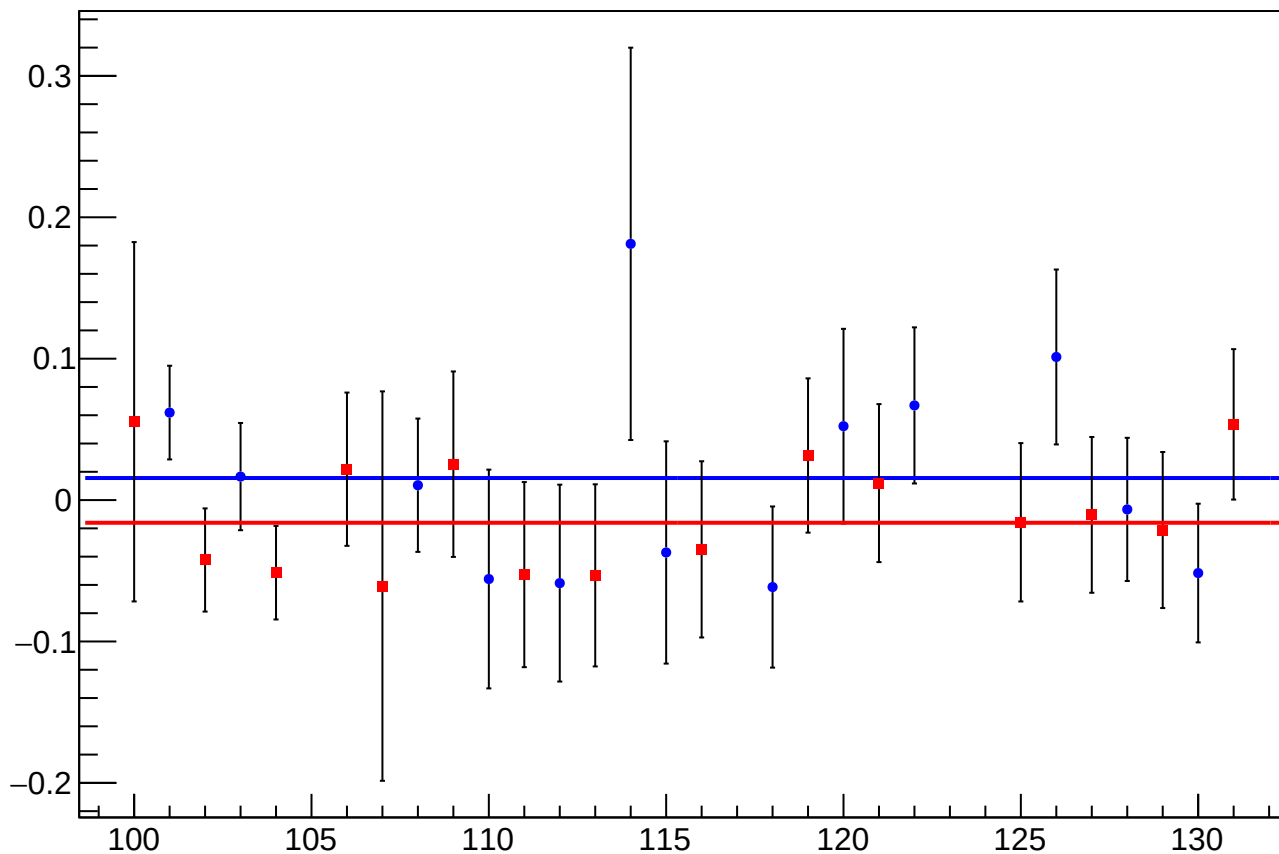
Right: 32.477+/-0.007 χ^2/NDF : 1068556.0/27

In: 32.610+/-0.010 χ^2/NDF : 397163.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.477+/-0.007 χ^2/NDF : 1068556.0/27

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.8/12

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

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 6.5/14

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

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

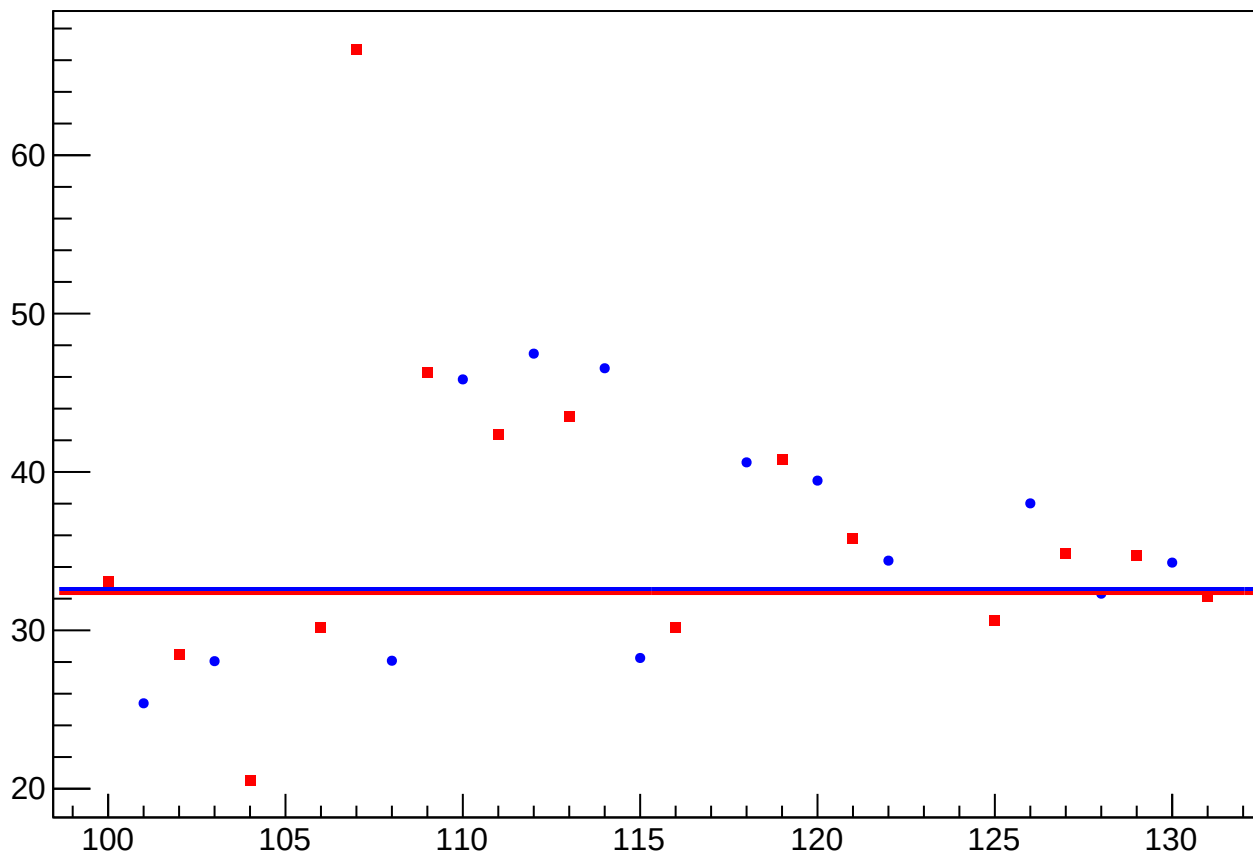
Right: -0.001 $\pm$ 0.010 χ^2 /NDF: 21.6/27

In: 0.016 $\pm$ 0.015 χ^2 /NDF:12.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.010 χ^2 /NDF: 21.6/27

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.610 $\pm$ 0.010 χ^2 /NDF: 397163.5/12

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

Right Out: 32.357 $\pm$ 0.010 χ^2 /NDF: 671083.8/14

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

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

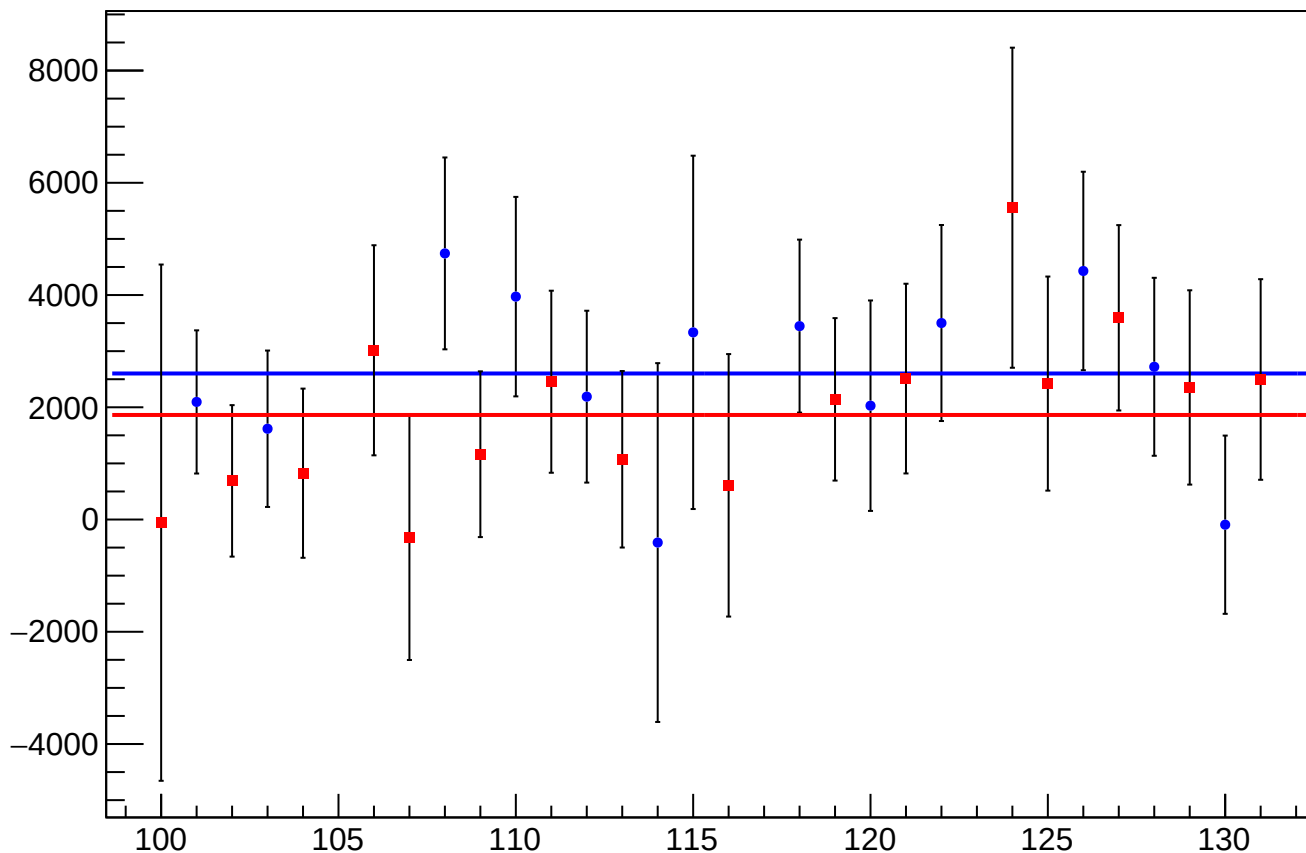
Right: 32.477 $\pm$ 0.007 χ^2 /NDF: 1068556.0/27

In: 32.610 $\pm$ 0.010 χ^2 /NDF:397163.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.477 $\pm$ 0.007 χ^2 /NDF: 1068556.0/27

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

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

Right Out: 1863.154+/-438.702 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

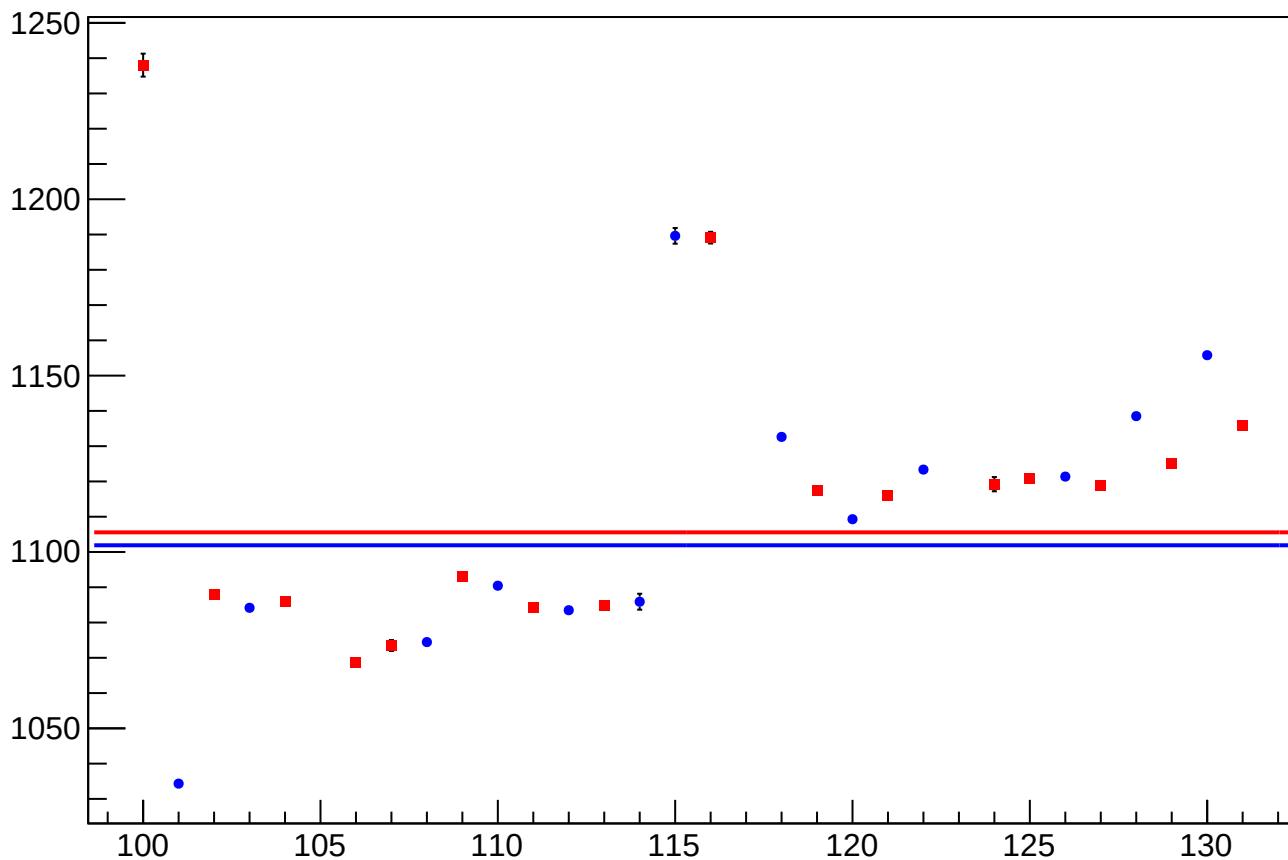
Right: 2208.672+/-320.137 χ^2/NDF : 16.7/28

In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2208.672+/-320.137 χ^2/NDF : 16.7/28

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1101.902+/-0.331 χ^2 /NDF: 13168.0/12

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

Right Out: 1105.571+/-0.310 χ^2 /NDF: 8280.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

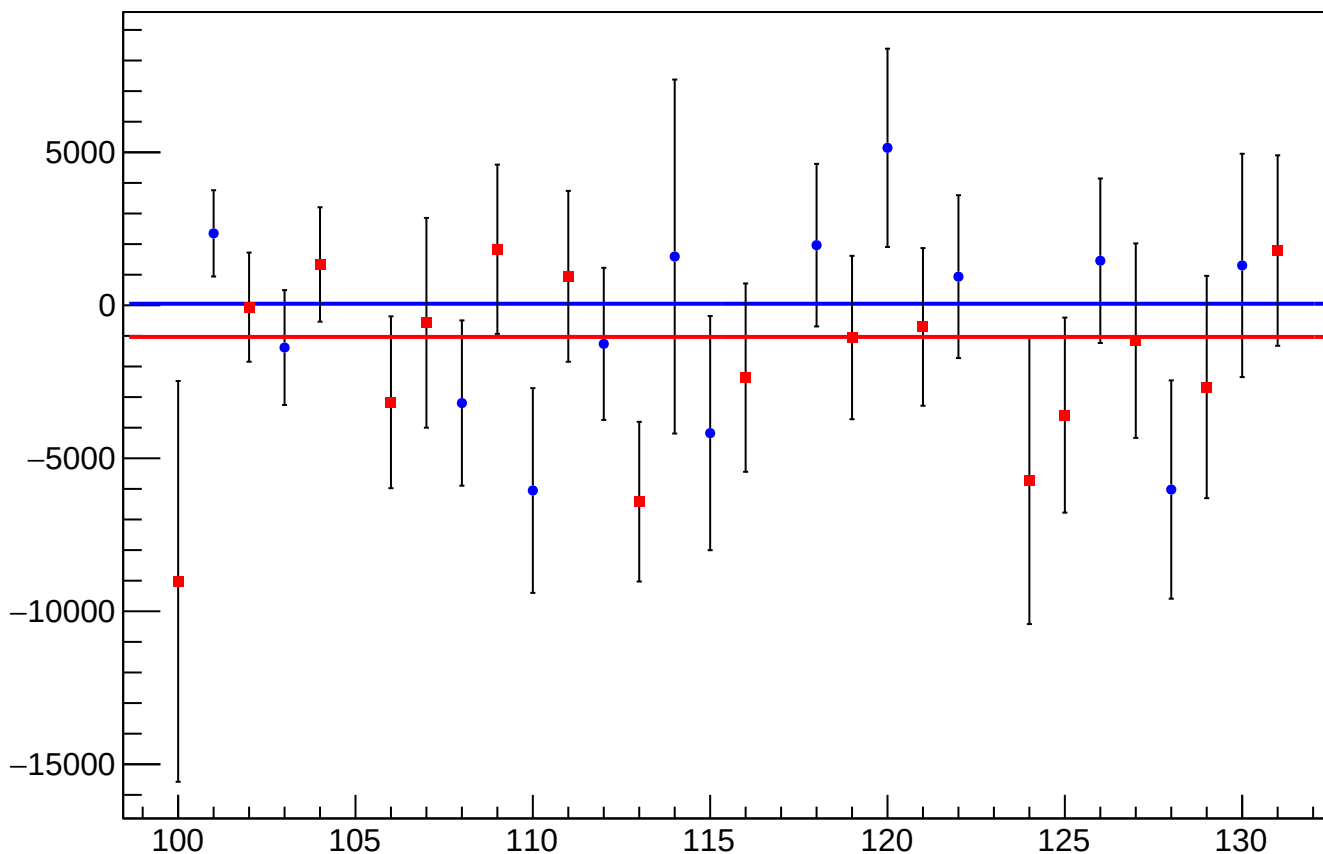
Right: 1103.856+/-0.226 χ^2 /NDF: 21513.9/28

In: 1101.902+/-0.331 χ^2 /NDF:13168.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1103.856+/-0.226 χ^2 /NDF: 21513.9/28

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 50.910+/-717.281 χ^2/NDF : 16.0/12

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

Right Out: -1032.839+/-696.866 χ^2/NDF : 12.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

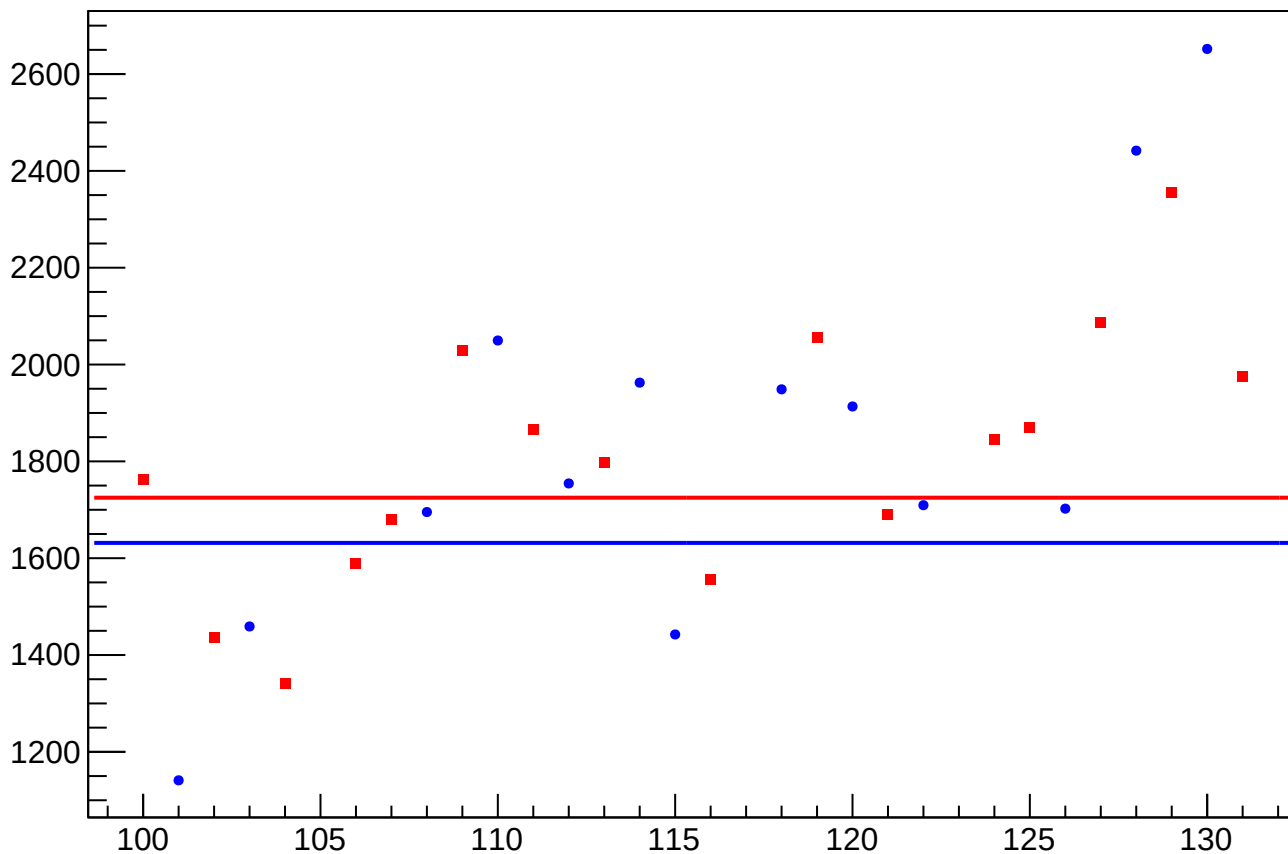
Right: -506.607+/-499.820 χ^2/NDF : 29.8/28

In: 50.910+/-717.281 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.607+/-499.820 χ^2/NDF : 29.8/28

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

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

Right Out: 1724.970+/-0.493 χ^2/NDF : 314179.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

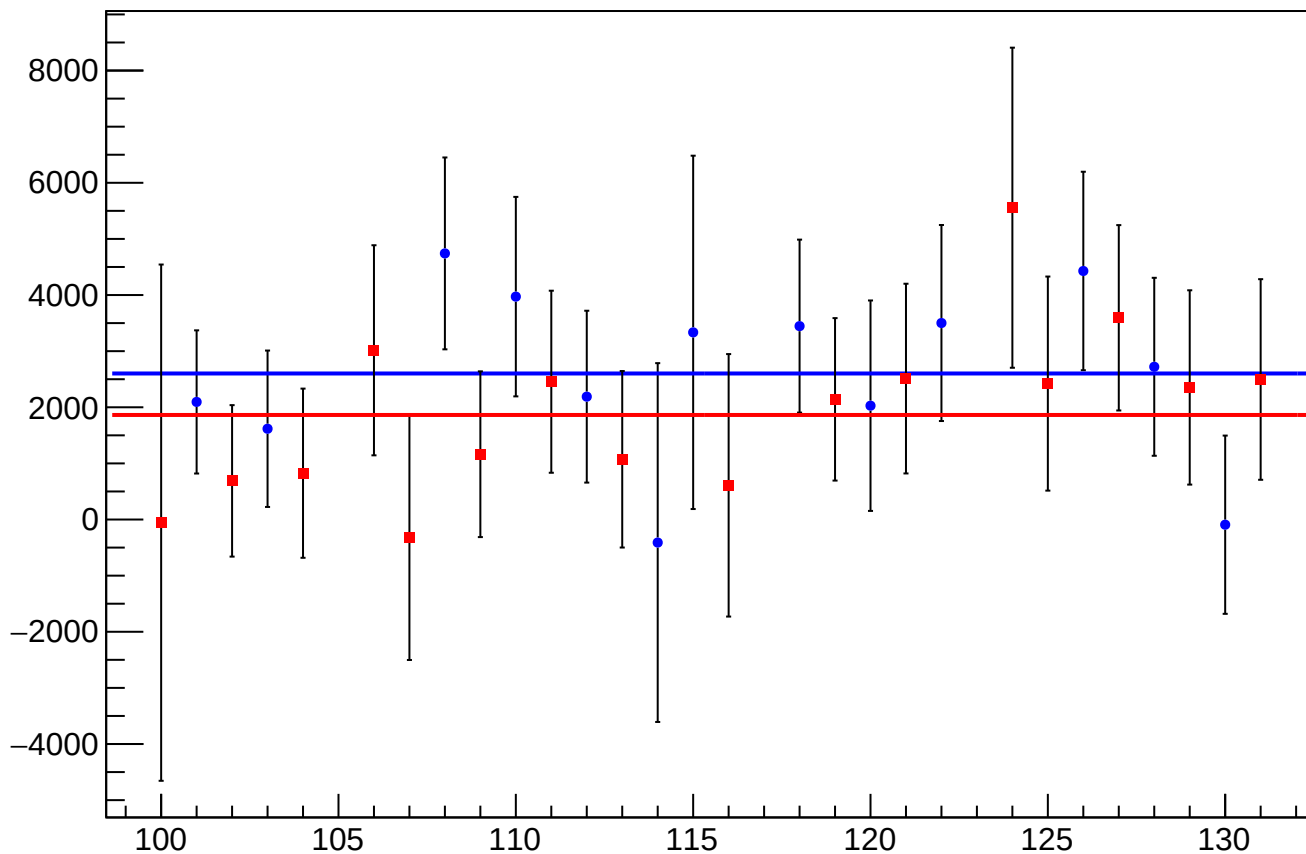
Right: 1679.636+/-0.353 χ^2/NDF : 945440.2/28

In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.636+/-0.353 χ^2/NDF : 945440.2/28

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

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

Right Out: 1863.154+/-438.702 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

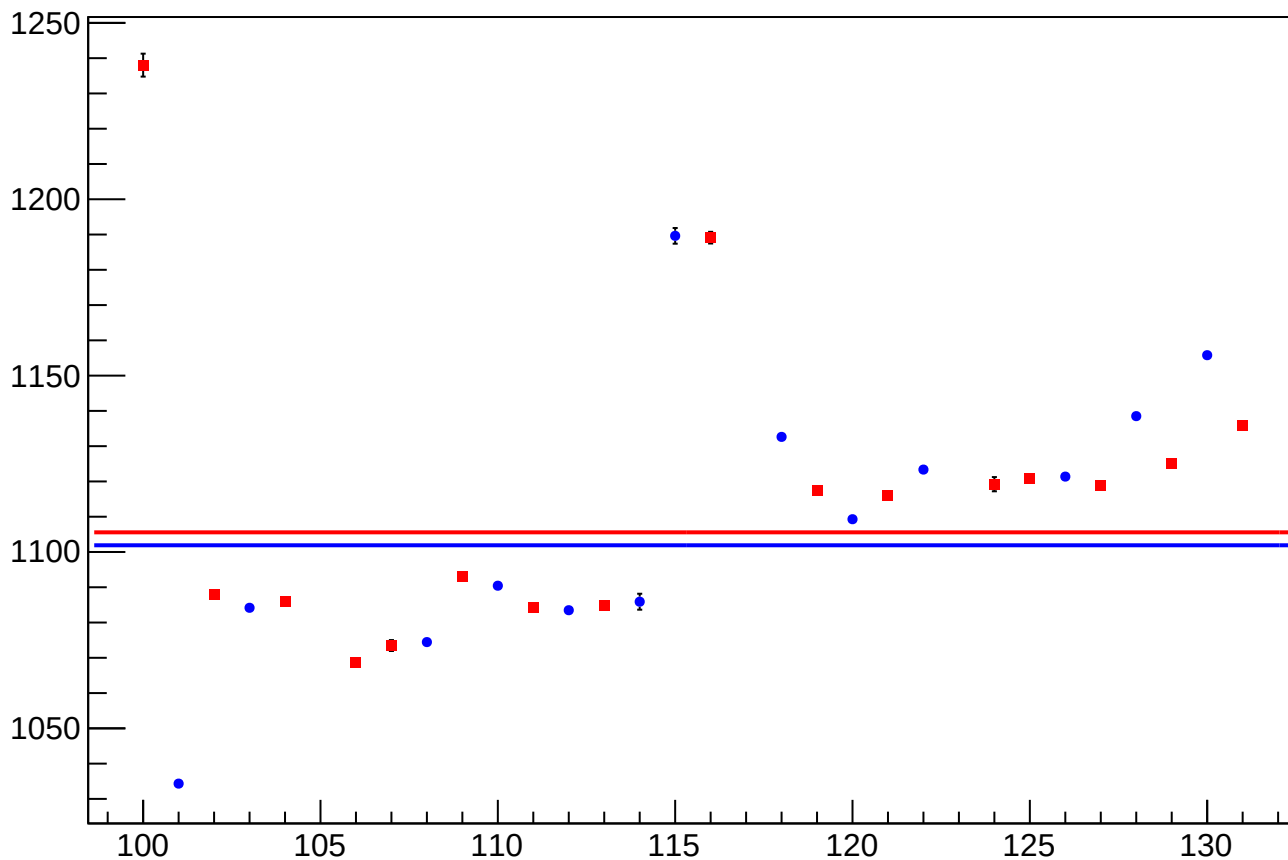
Right: 2208.672+/-320.137 χ^2/NDF : 16.7/28

In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2208.672+/-320.137 χ^2/NDF : 16.7/28

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1101.902+/-0.331 χ^2/NDF : 13168.0/12

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

Right Out: 1105.571+/-0.310 χ^2/NDF : 8280.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

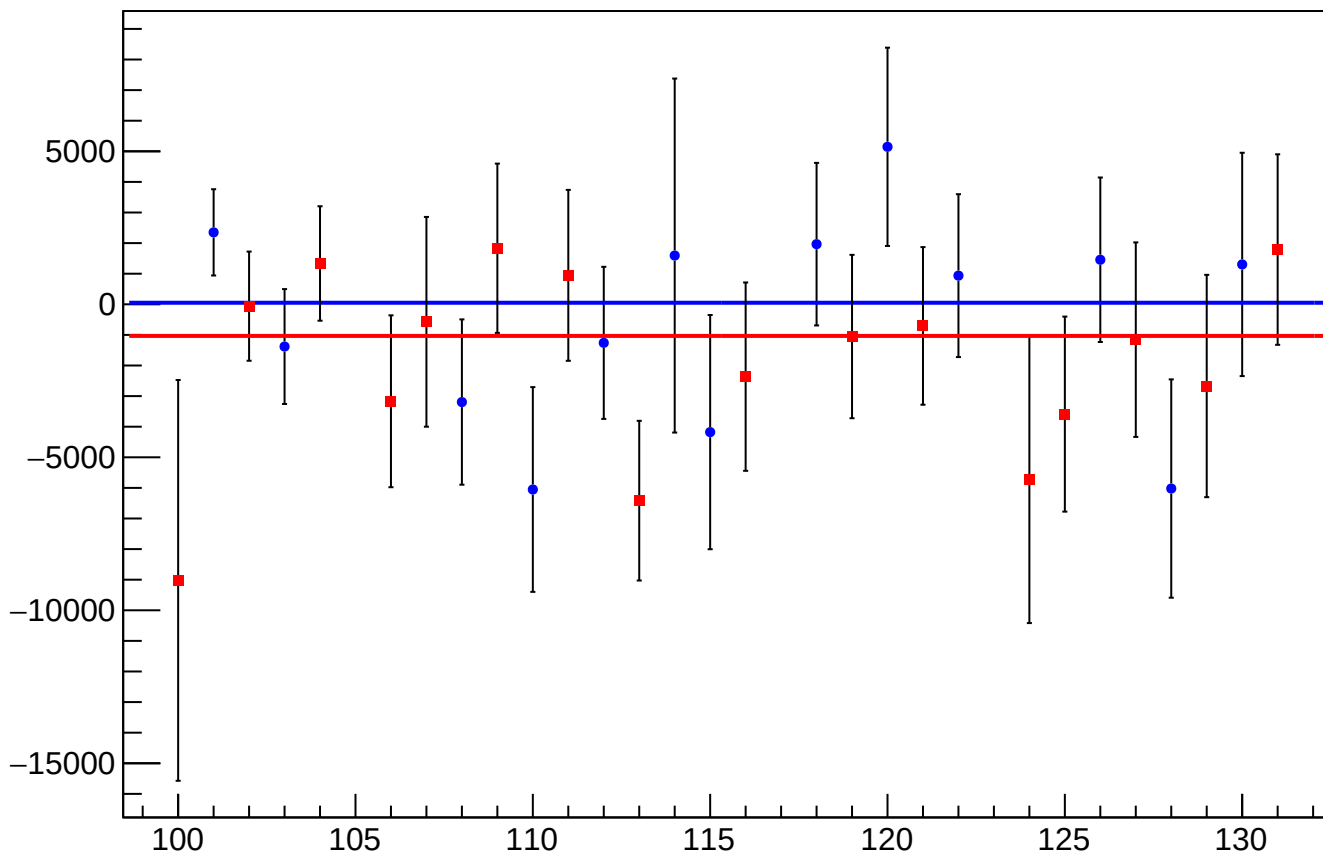
Right: 1103.856+/-0.226 χ^2/NDF : 21513.9/28

In: 1101.902+/-0.331 χ^2/NDF : 13168.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.856+/-0.226 χ^2/NDF : 21513.9/28

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 50.910+/-717.281 χ^2/NDF : 16.0/12

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

Right Out: -1032.839+/-696.866 χ^2/NDF : 12.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

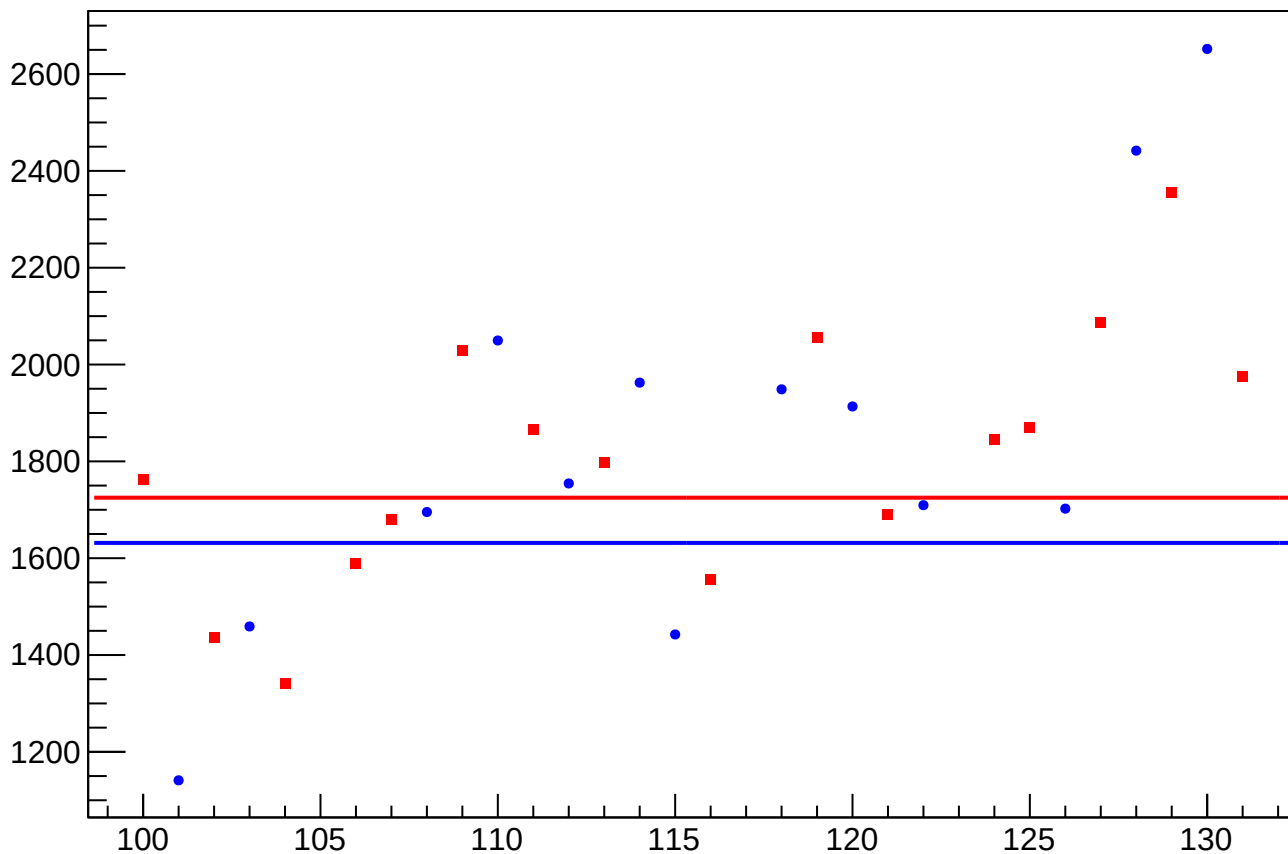
Right: -506.607+/-499.820 χ^2/NDF : 29.8/28

In: 50.910+/-717.281 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.607+/-499.820 χ^2/NDF : 29.8/28

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

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

Right Out: 1724.970+/-0.493 χ^2/NDF : 314179.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

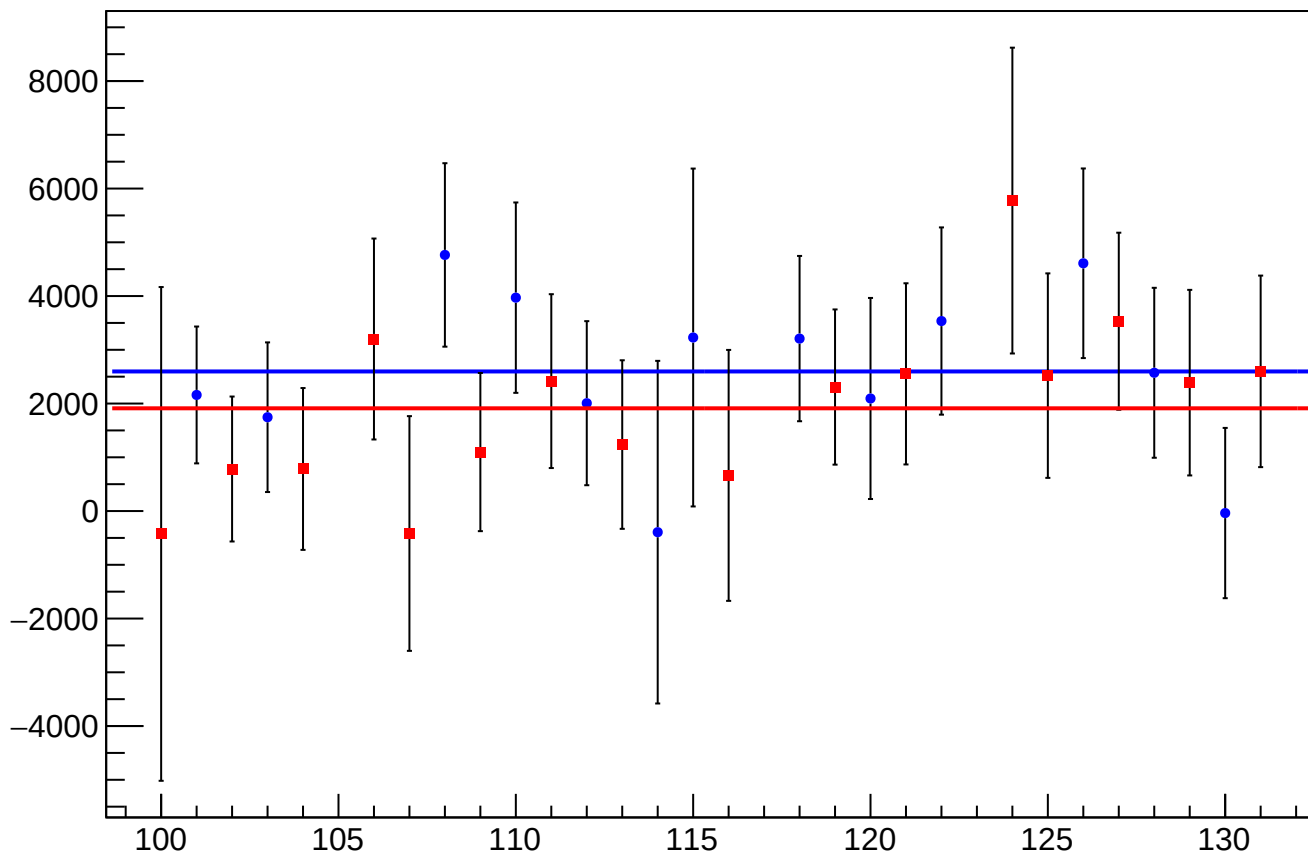
Right: 1679.636+/-0.353 χ^2/NDF : 945440.2/28

In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.636+/-0.353 χ^2/NDF : 945440.2/28

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2597.159+/-467.132 χ^2/NDF : 8.4/12

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

Right Out: 1911.439+/-437.685 χ^2/NDF : 7.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

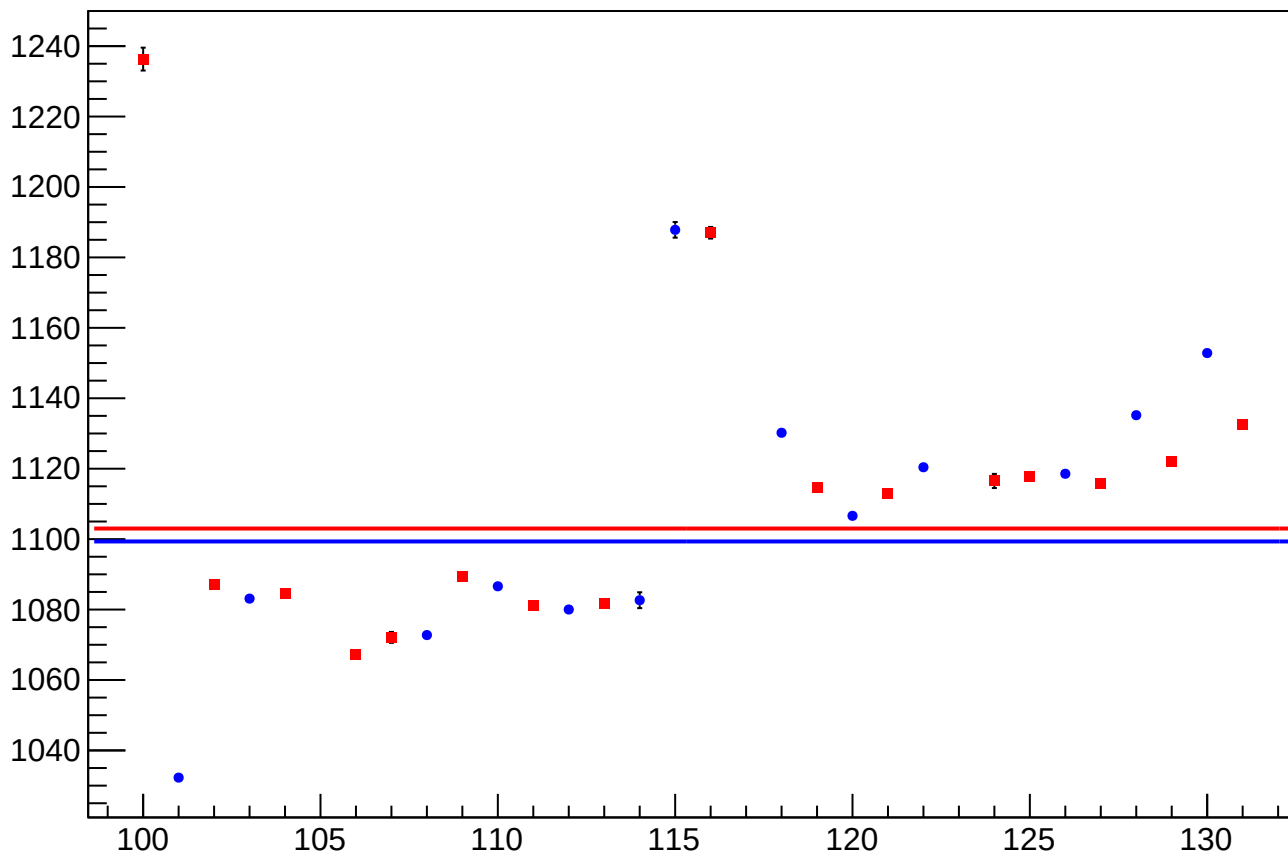
Right: 2232.006+/-319.393 χ^2/NDF : 16.9/28

In: 2597.159+/-467.132 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2232.006+/-319.393 χ^2/NDF : 16.9/28

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1099.339+/-0.330 χ^2/NDF : 13049.1/12

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

Right Out: 1103.011+/-0.309 χ^2/NDF : 8165.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

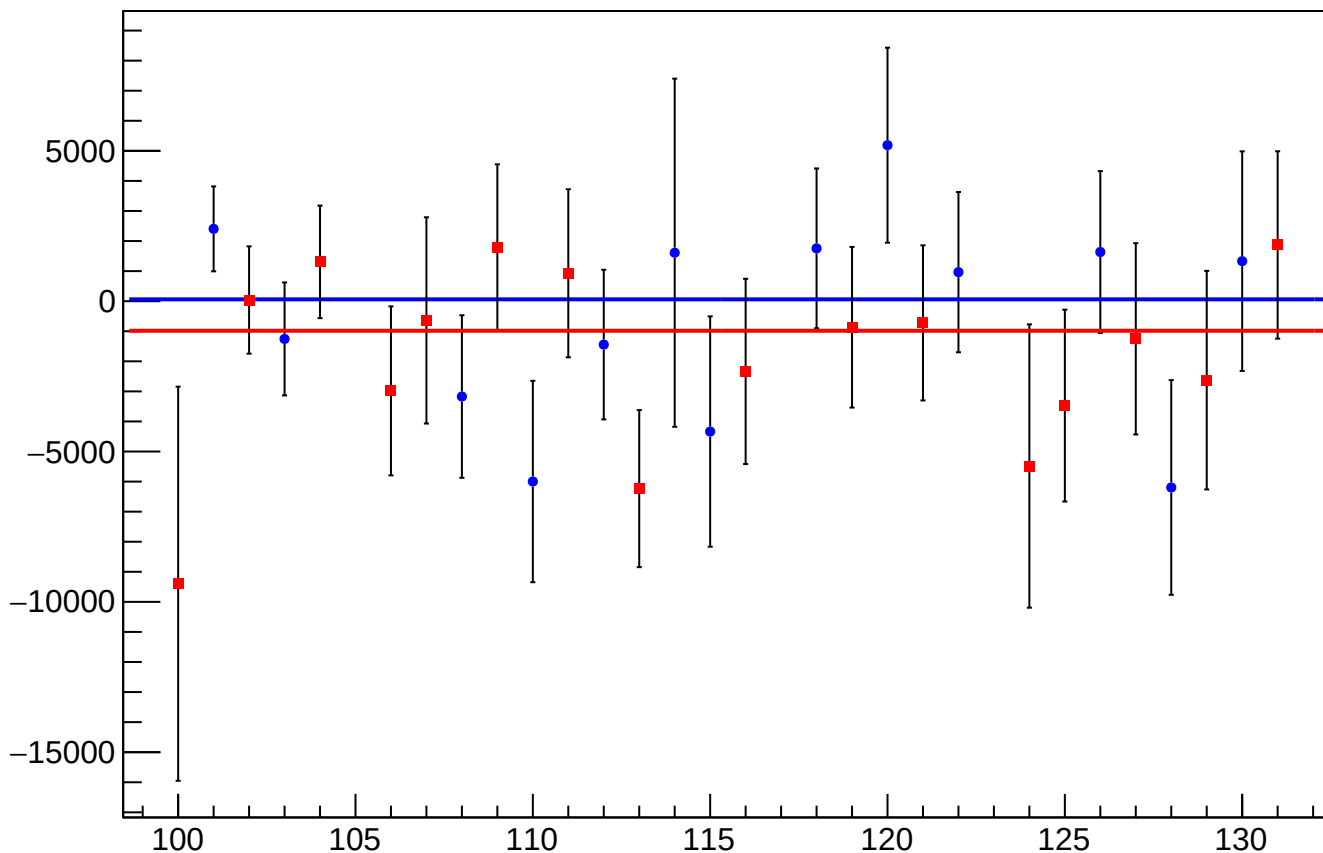
Right: 1101.294+/-0.226 χ^2/NDF : 21280.7/28

In: 1099.339+/-0.330 χ^2/NDF : 13049.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.294+/-0.226 χ^2/NDF : 21280.7/28

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.196+/-718.038 χ^2/NDF : 16.3/12

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

Right Out: -983.308+/-697.448 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

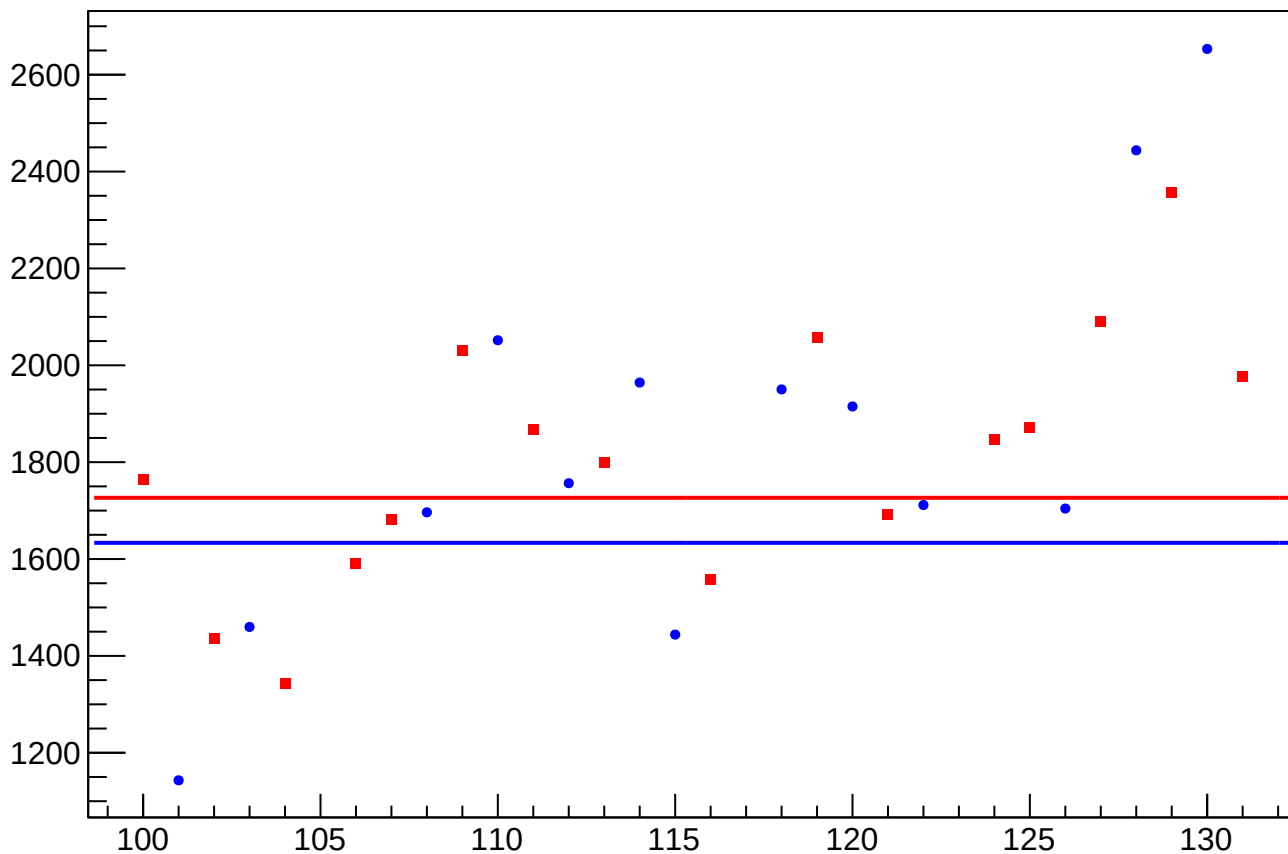
Right: -476.246+/-500.291 χ^2/NDF : 29.6/28

In: 61.196+/-718.038 χ^2/NDF : 16.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.246+/-500.291 χ^2/NDF : 29.6/28

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1633.454+/-0.508 χ^2/NDF : 612511.7/12

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

Right Out: 1726.415+/-0.493 χ^2/NDF : 314401.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

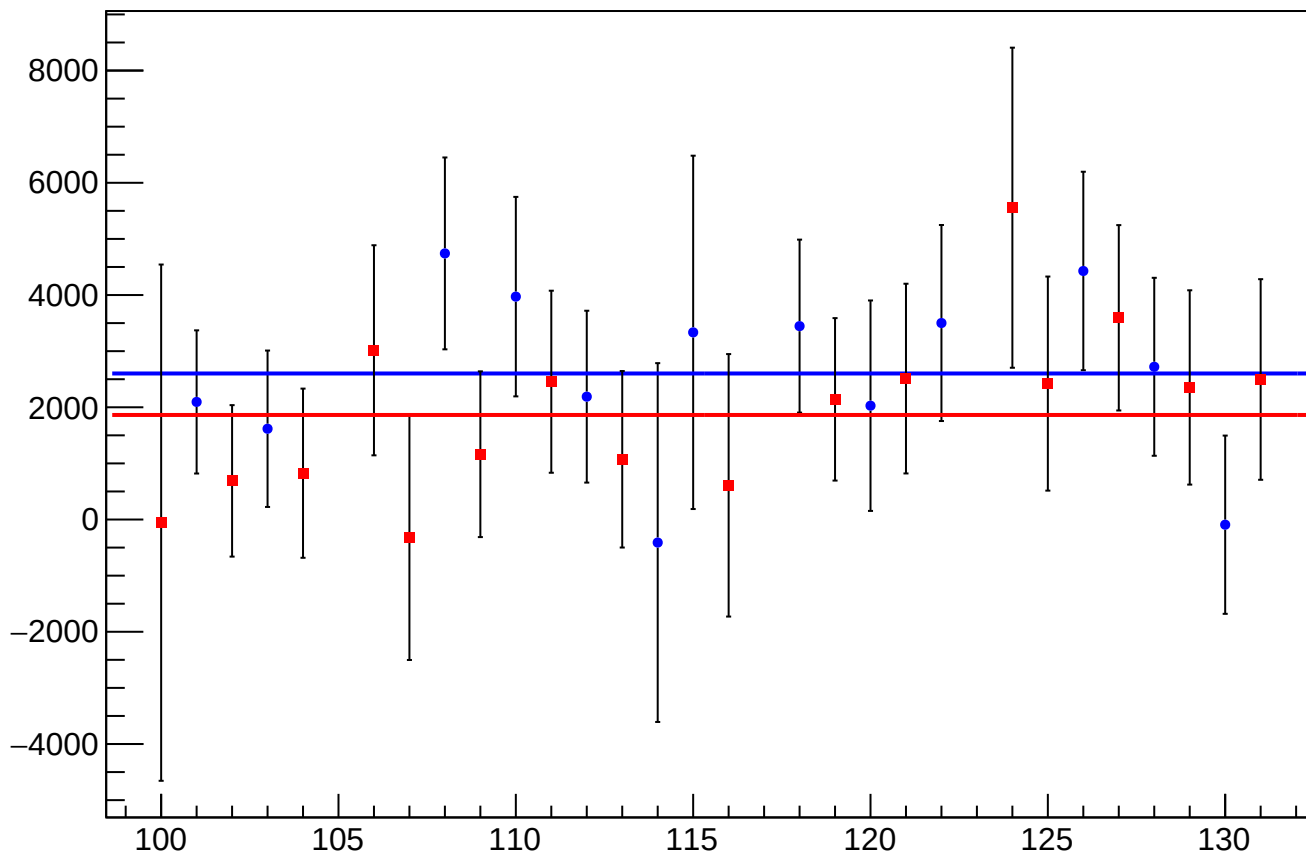
Right: 1681.287+/-0.354 χ^2/NDF : 944161.7/28

In: 1633.454+/-0.508 χ^2/NDF : 612511.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.287+/-0.354 χ^2/NDF : 944161.7/28

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

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

Right Out: 1863.154+/-438.702 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

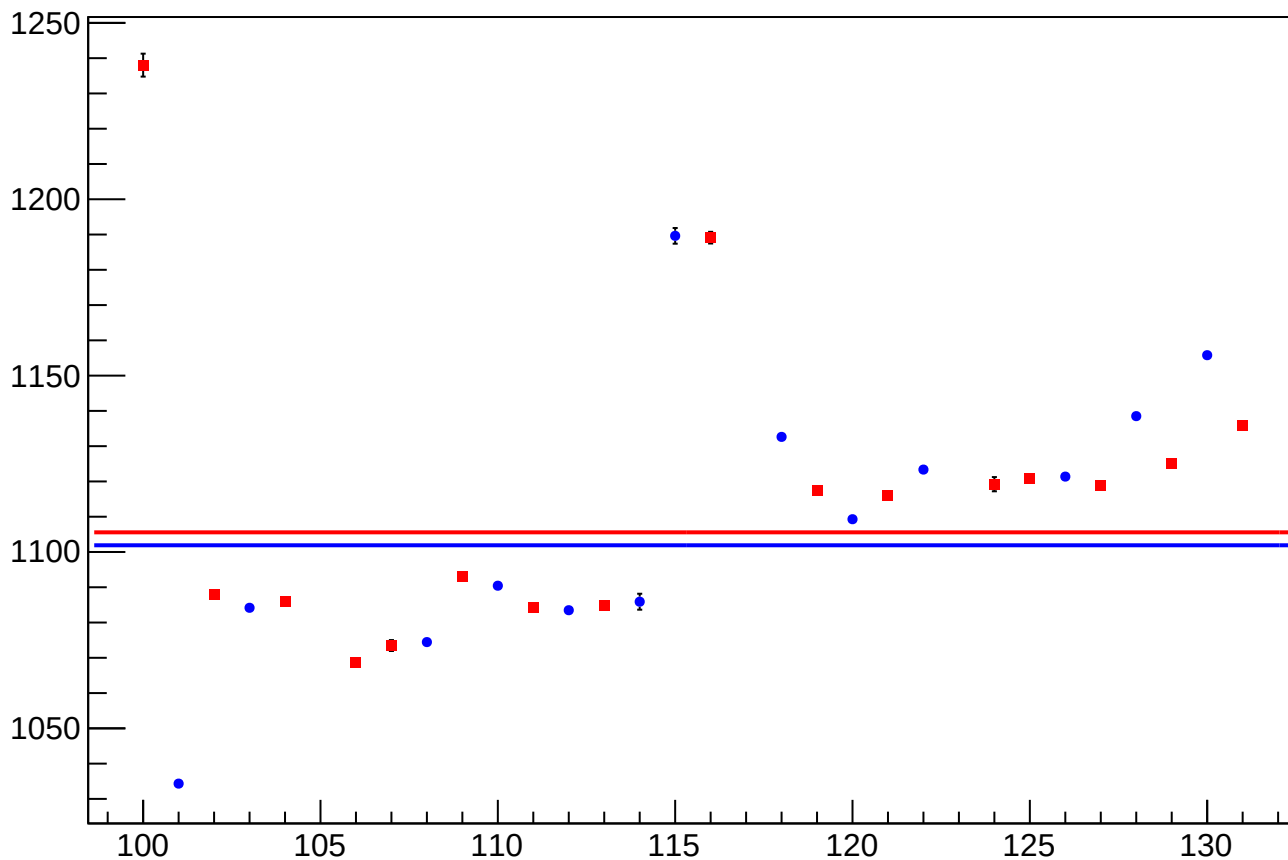
Right: 2208.672+/-320.137 χ^2/NDF : 16.7/28

In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2208.672+/-320.137 χ^2/NDF : 16.7/28

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1101.902+/-0.331 χ^2 /NDF: 13168.0/12

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

Right Out: 1105.571+/-0.310 χ^2 /NDF: 8280.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

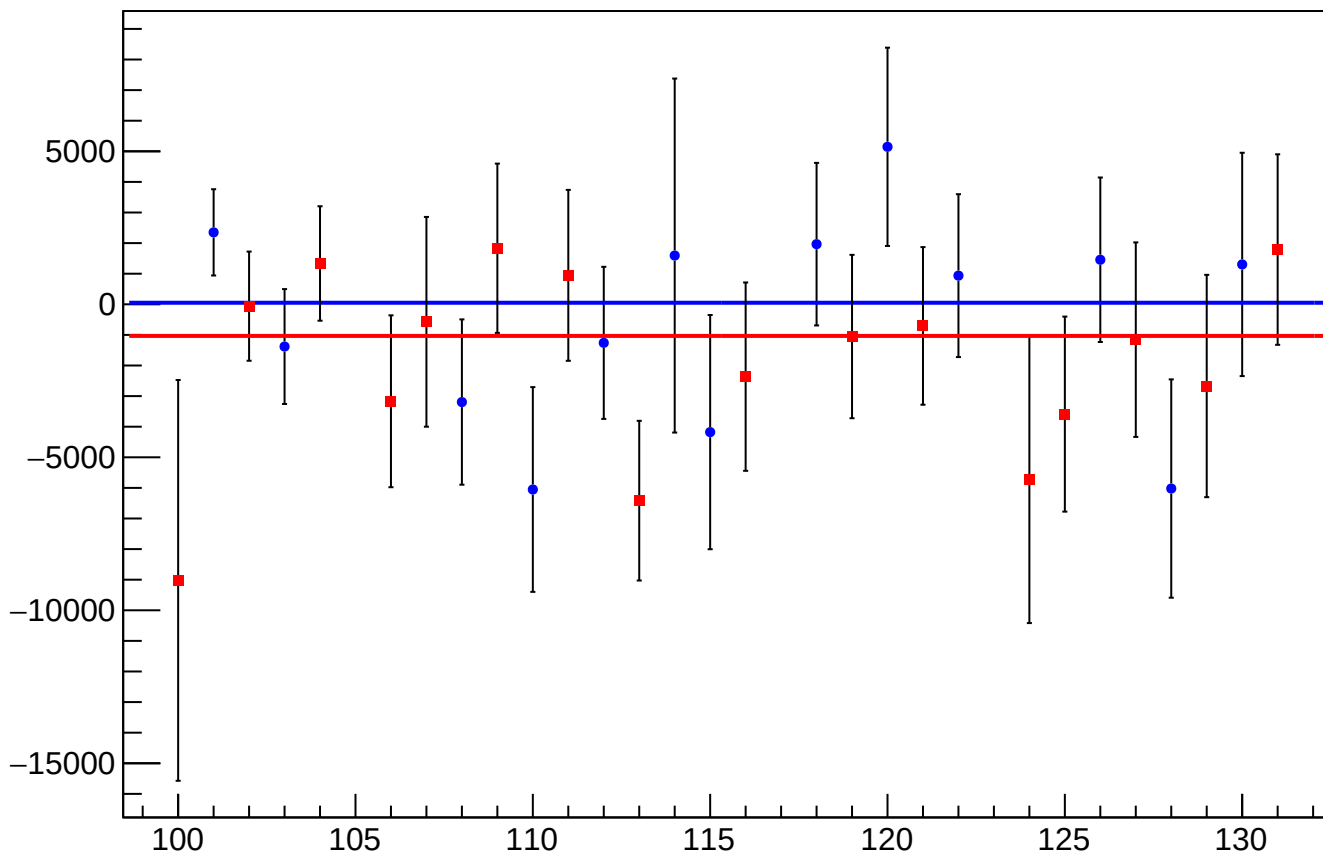
Right: 1103.856+/-0.226 χ^2 /NDF: 21513.9/28

In: 1101.902+/-0.331 χ^2 /NDF:13168.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1103.856+/-0.226 χ^2 /NDF: 21513.9/28

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 50.910+/-717.281 χ^2/NDF : 16.0/12

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

Right Out: -1032.839+/-696.866 χ^2/NDF : 12.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

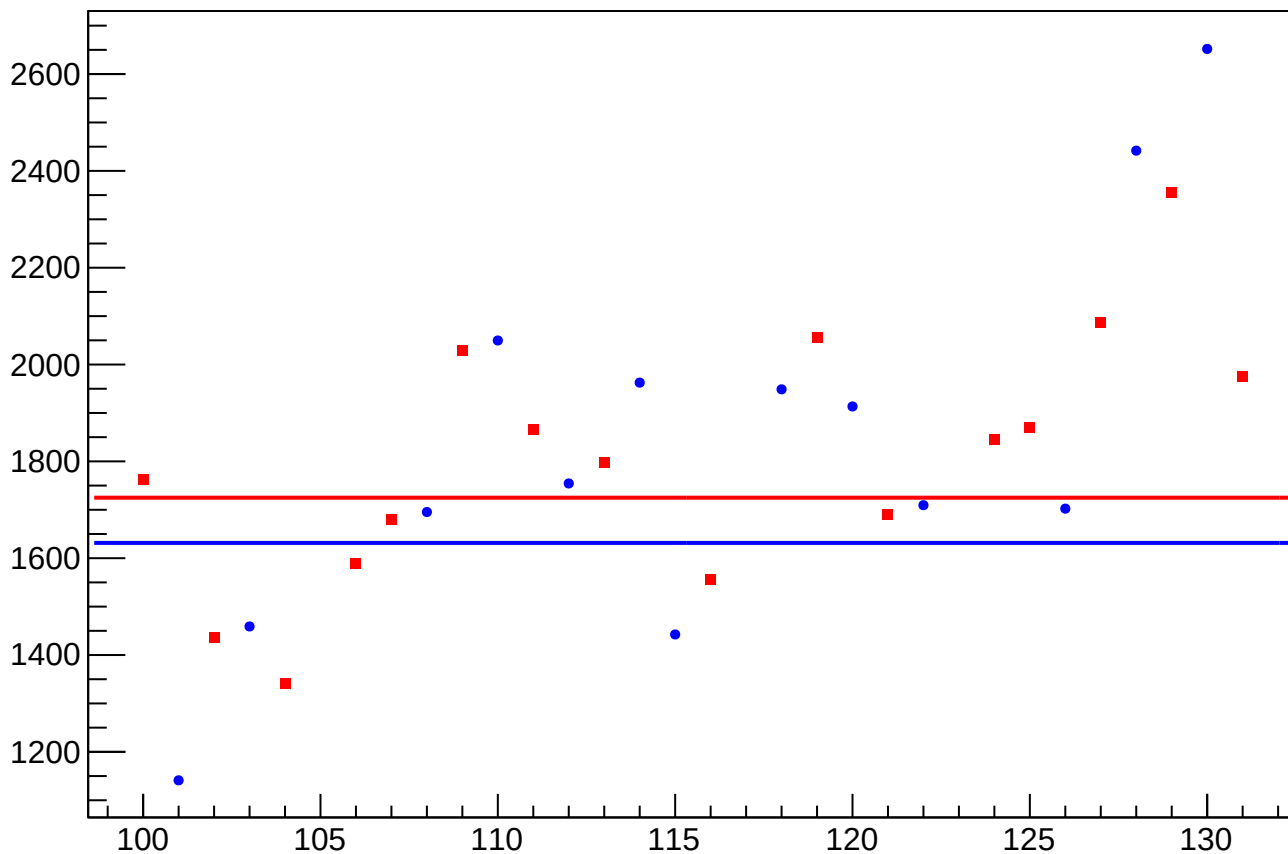
Right: -506.607+/-499.820 χ^2/NDF : 29.8/28

In: 50.910+/-717.281 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.607+/-499.820 χ^2/NDF : 29.8/28

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

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

Right Out: 1724.970+/-0.493 χ^2/NDF : 314179.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

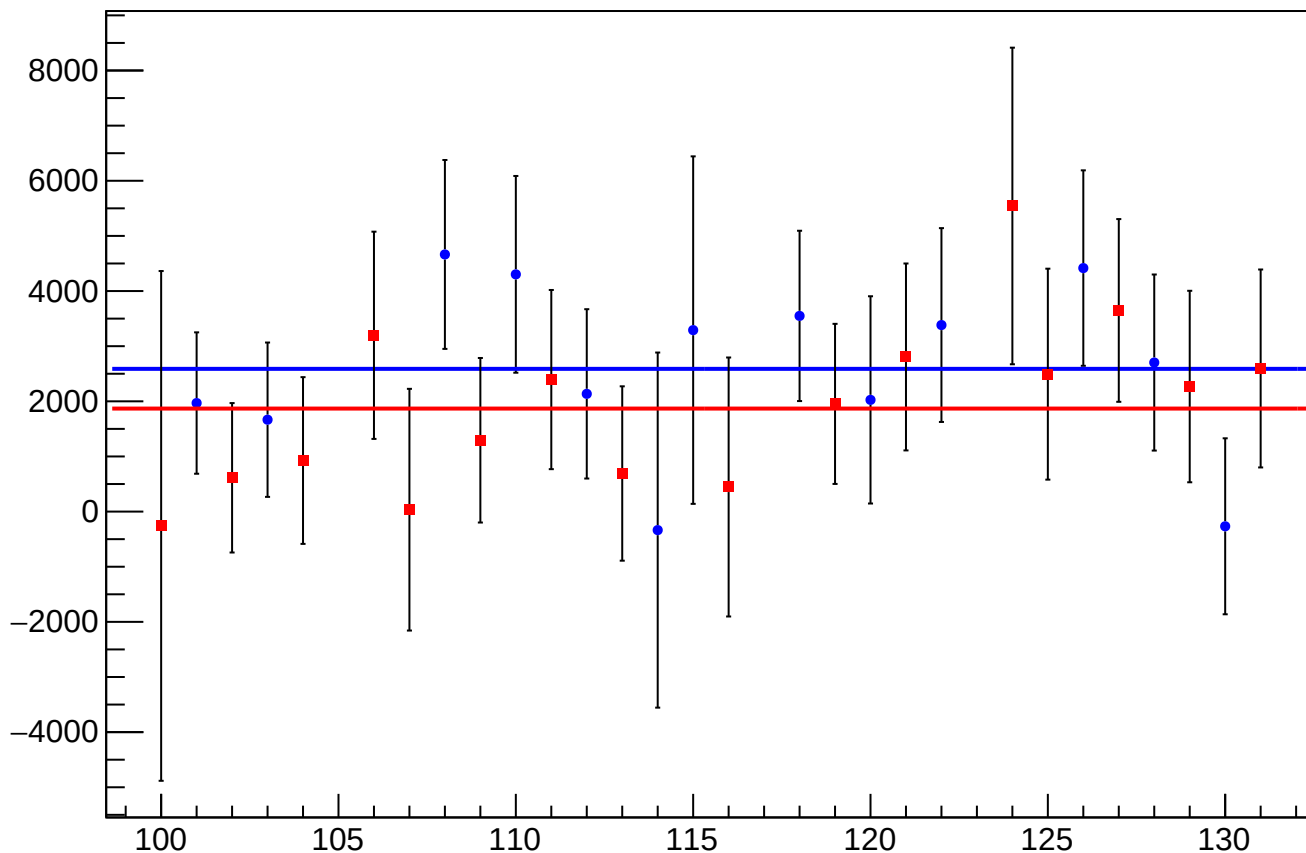
Right: 1679.636+/-0.353 χ^2/NDF : 945440.2/28

In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.636+/-0.353 χ^2/NDF : 945440.2/28

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2588.817+/-470.150 χ^2/NDF : 9.0/12

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

Right Out: 1868.534+/-440.559 χ^2/NDF : 7.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

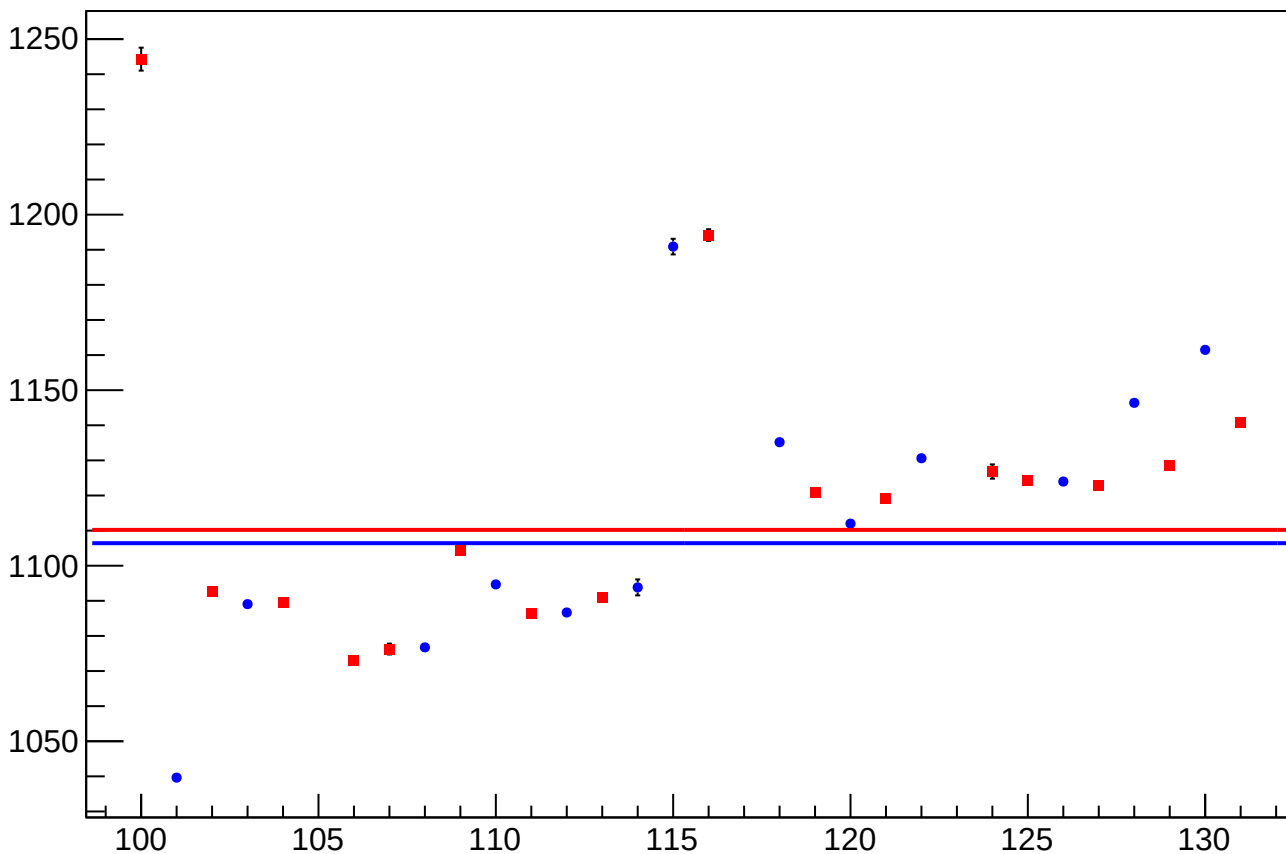
Right: 2205.297+/-321.475 χ^2/NDF : 17.5/28

In: 2588.817+/-470.150 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.297+/-321.475 χ^2/NDF : 17.5/28

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1106.416+/-0.332 χ^2/NDF : 13140.5/12

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

Right Out: 1110.205+/-0.312 χ^2/NDF : 8243.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

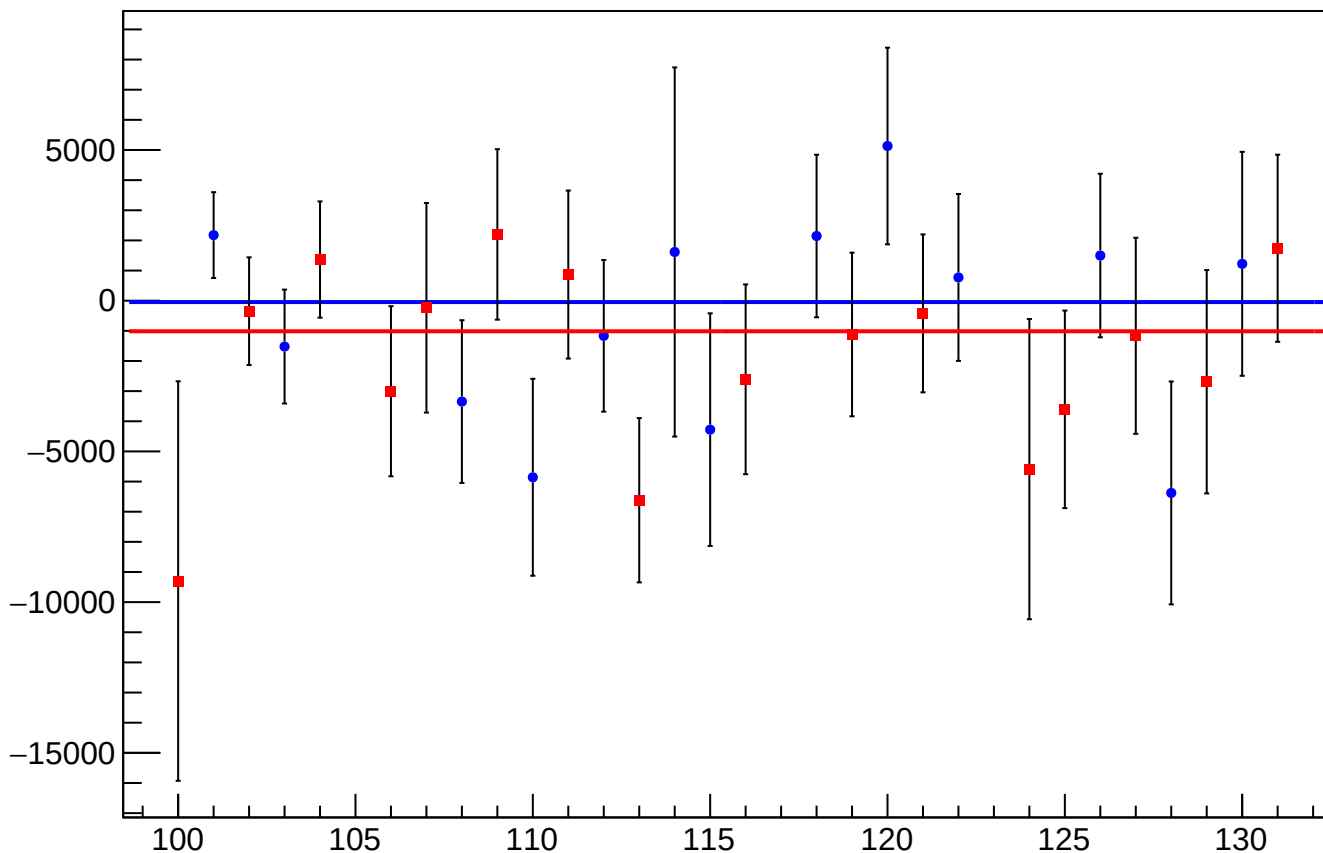
Right: 1108.433+/-0.227 χ^2/NDF : 21453.1/28

In: 1106.416+/-0.332 χ^2/NDF : 13140.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.433+/-0.227 χ^2/NDF : 21453.1/28

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.829 ± 725.503 $\chi^2/\text{NDF}: 15.8/12$

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

Right Out: -1014.432 ± 709.128 $\chi^2/\text{NDF}: 12.5/15$

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

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

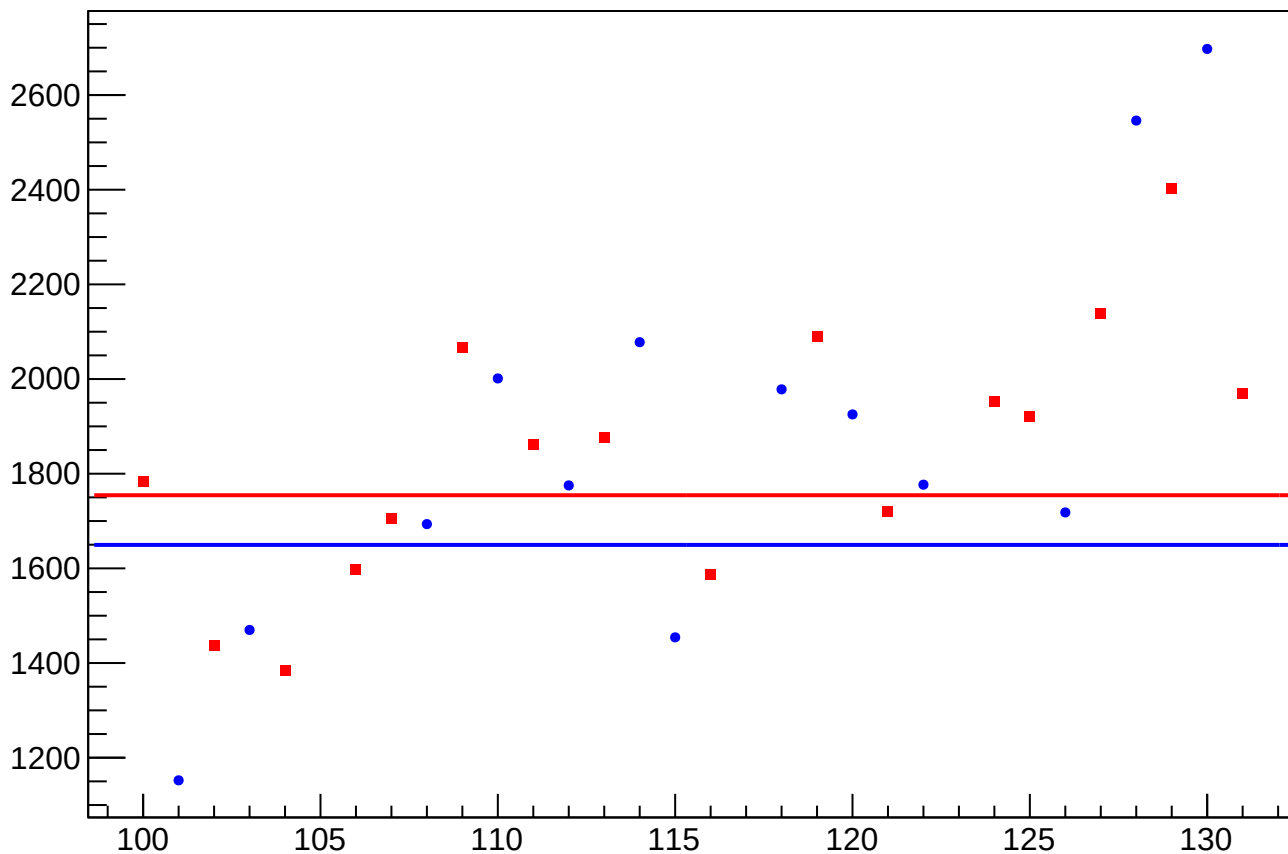
Right: -540.696 ± 507.119 $\chi^2/\text{NDF}: 29.3/28$

In: -44.829 ± 725.503 $\chi^2/\text{NDF}: 15.8/12$

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

All: -540.696 ± 507.119 $\chi^2/\text{NDF}: 29.3/28$

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.569+/-0.513 χ^2/NDF : 632054.0/12

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

Right Out: 1754.517+/-0.501 χ^2/NDF : 318410.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

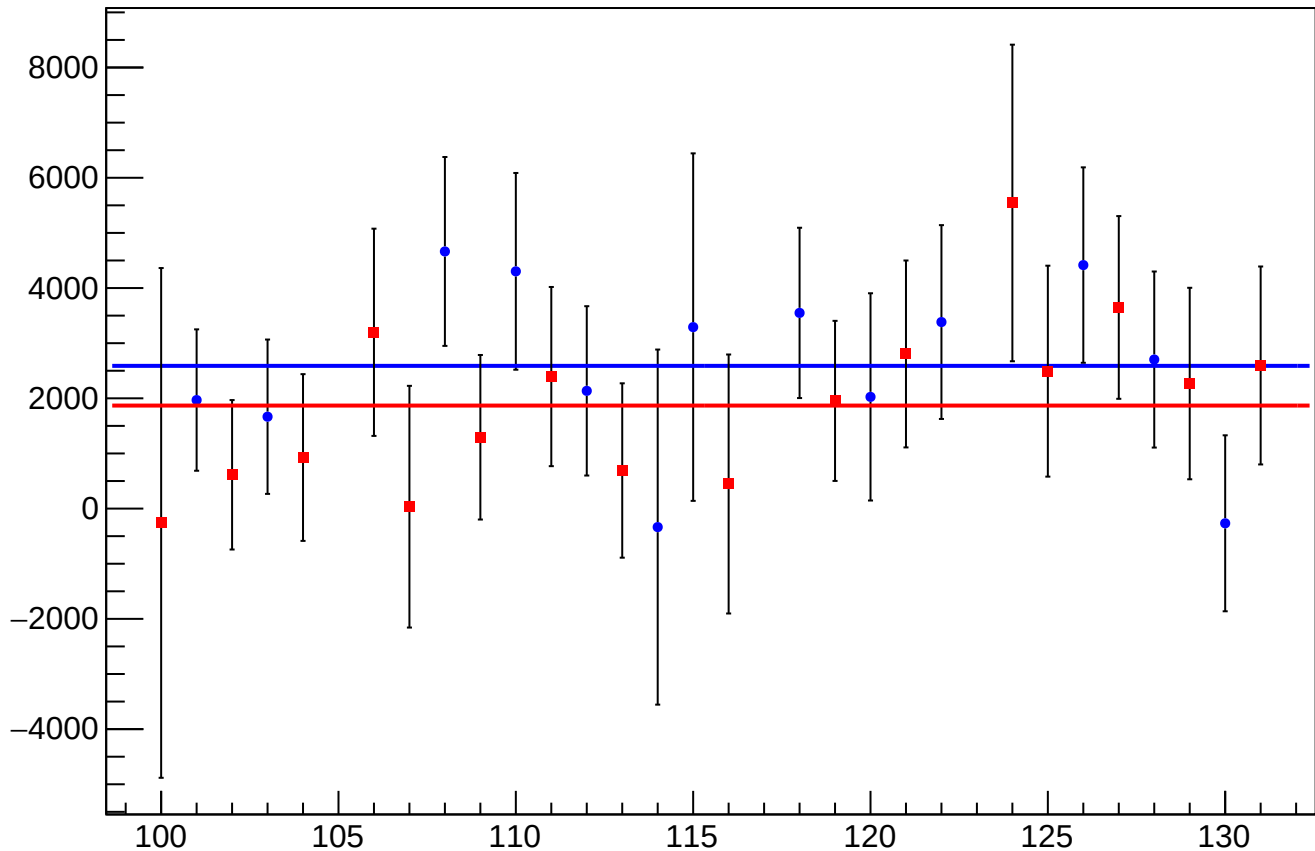
Right: 1703.241+/-0.359 χ^2/NDF : 971867.3/28

In: 1649.569+/-0.513 χ^2/NDF : 632054.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.241+/-0.359 χ^2/NDF : 971867.3/28

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2588.821+/-470.150 χ^2/NDF : 9.0/12

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

Right Out: 1868.538+/-440.559 χ^2/NDF : 7.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

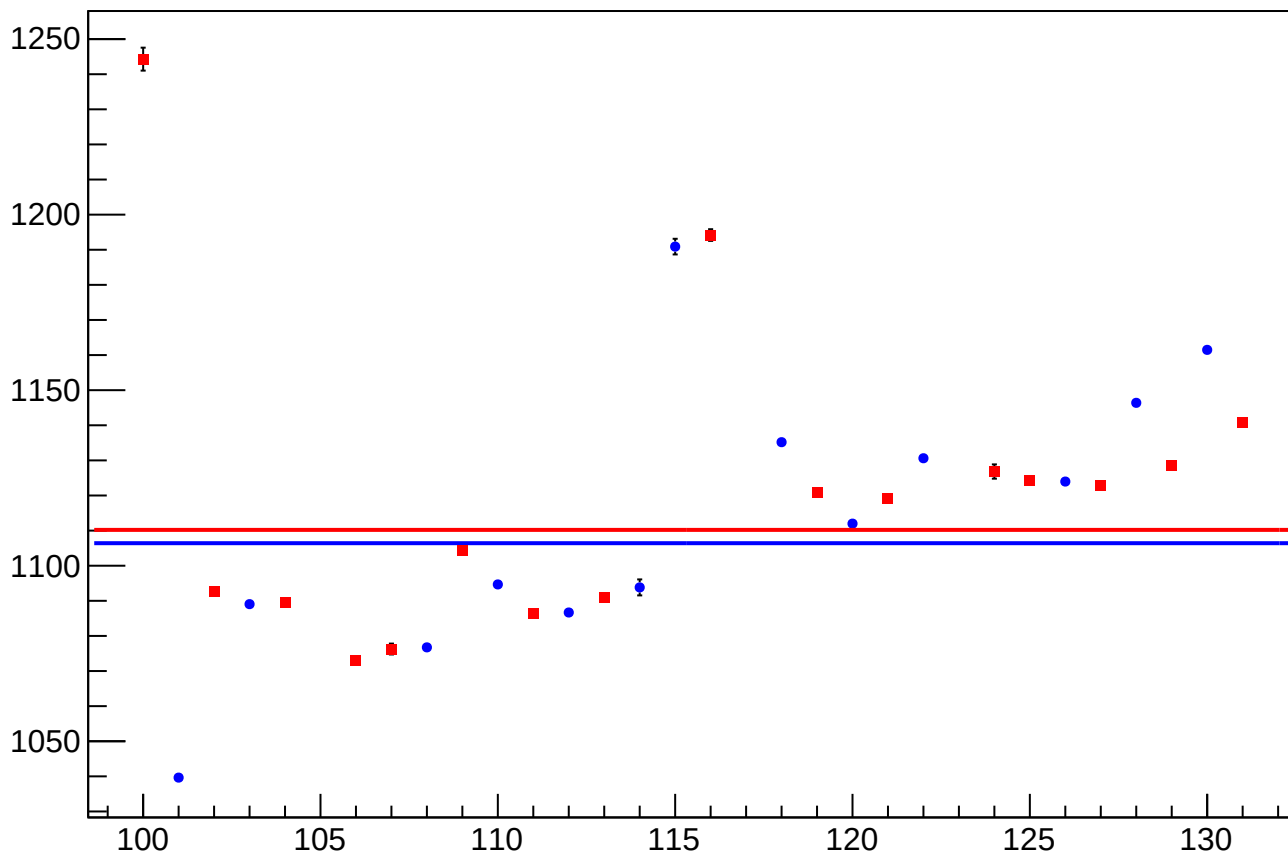
Right: 2205.301+/-321.474 χ^2/NDF : 17.5/28

In: 2588.821+/-470.150 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.301+/-321.474 χ^2/NDF : 17.5/28

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1106.416+/-0.332 χ^2/NDF : 13140.4/12

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

Right Out: 1110.205+/-0.312 χ^2/NDF : 8243.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

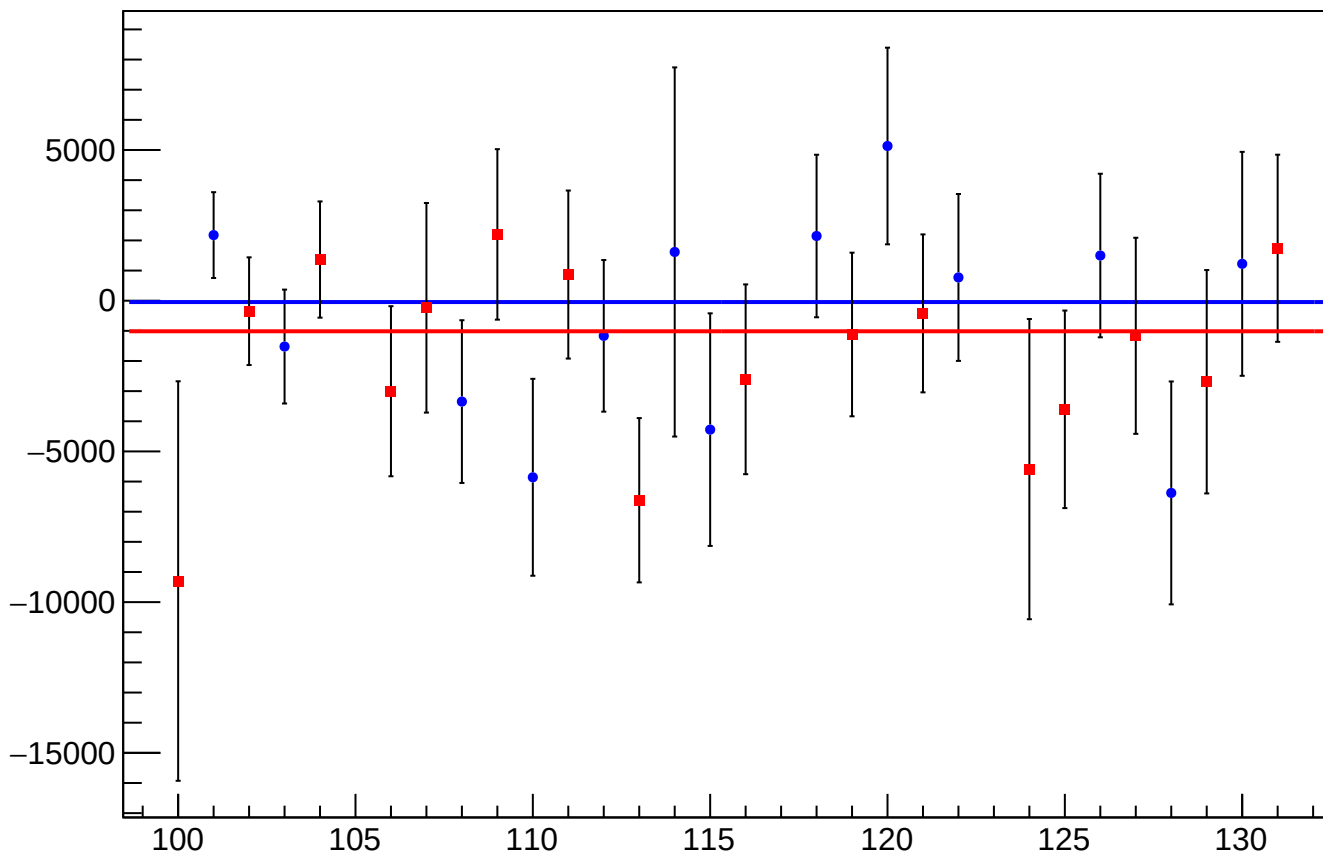
Right: 1108.433+/-0.227 χ^2/NDF : 21453.0/28

In: 1106.416+/-0.332 χ^2/NDF : 13140.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.433+/-0.227 χ^2/NDF : 21453.0/28

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.829 ± 725.501 χ^2/NDF : 15.8/12

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

Right Out: -1014.434 ± 709.127 χ^2/NDF : 12.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

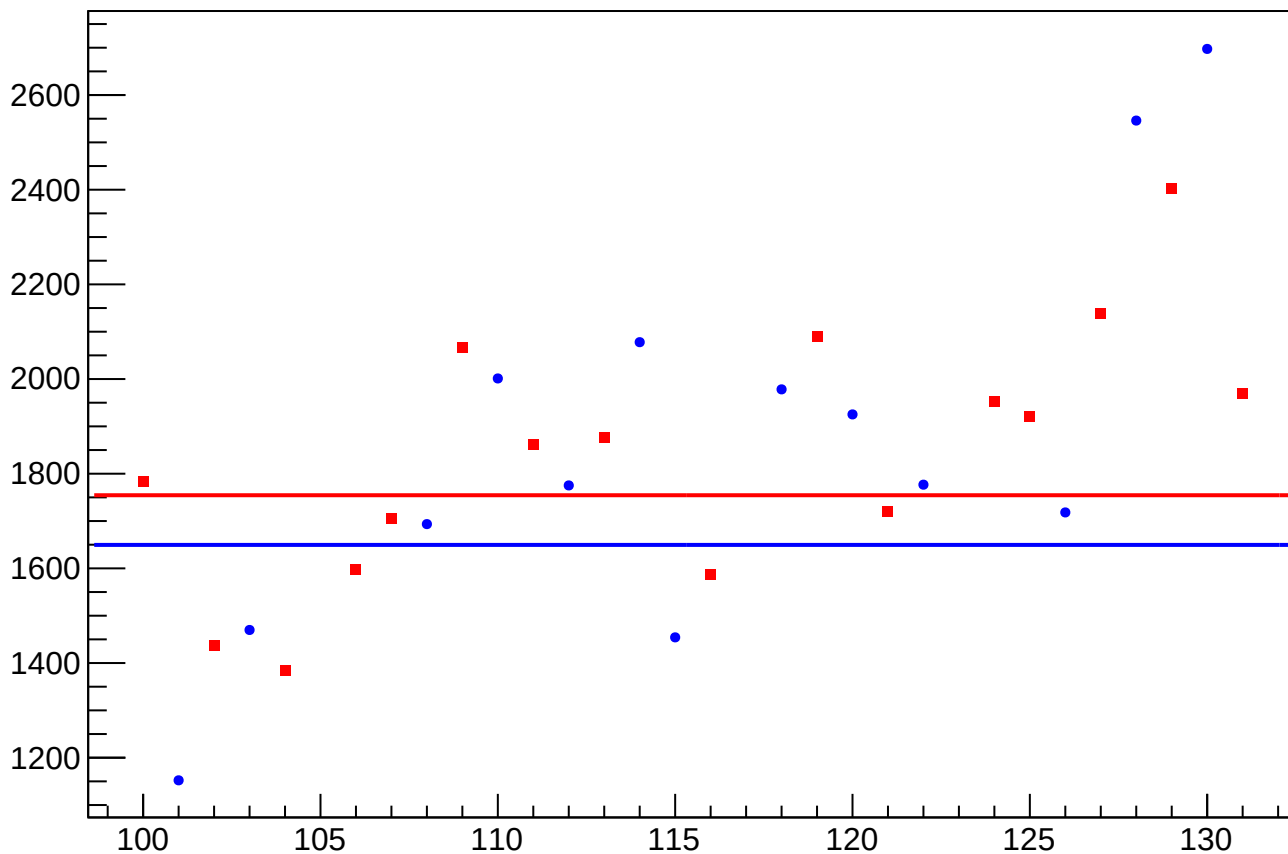
Right: -540.697 ± 507.118 χ^2/NDF : 29.3/28

In: -44.829 ± 725.501 χ^2/NDF : 15.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -540.697 ± 507.118 χ^2/NDF : 29.3/28

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.565+/-0.513 χ^2/NDF : 632043.1/12

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

Right Out: 1754.515+/-0.501 χ^2/NDF : 318399.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

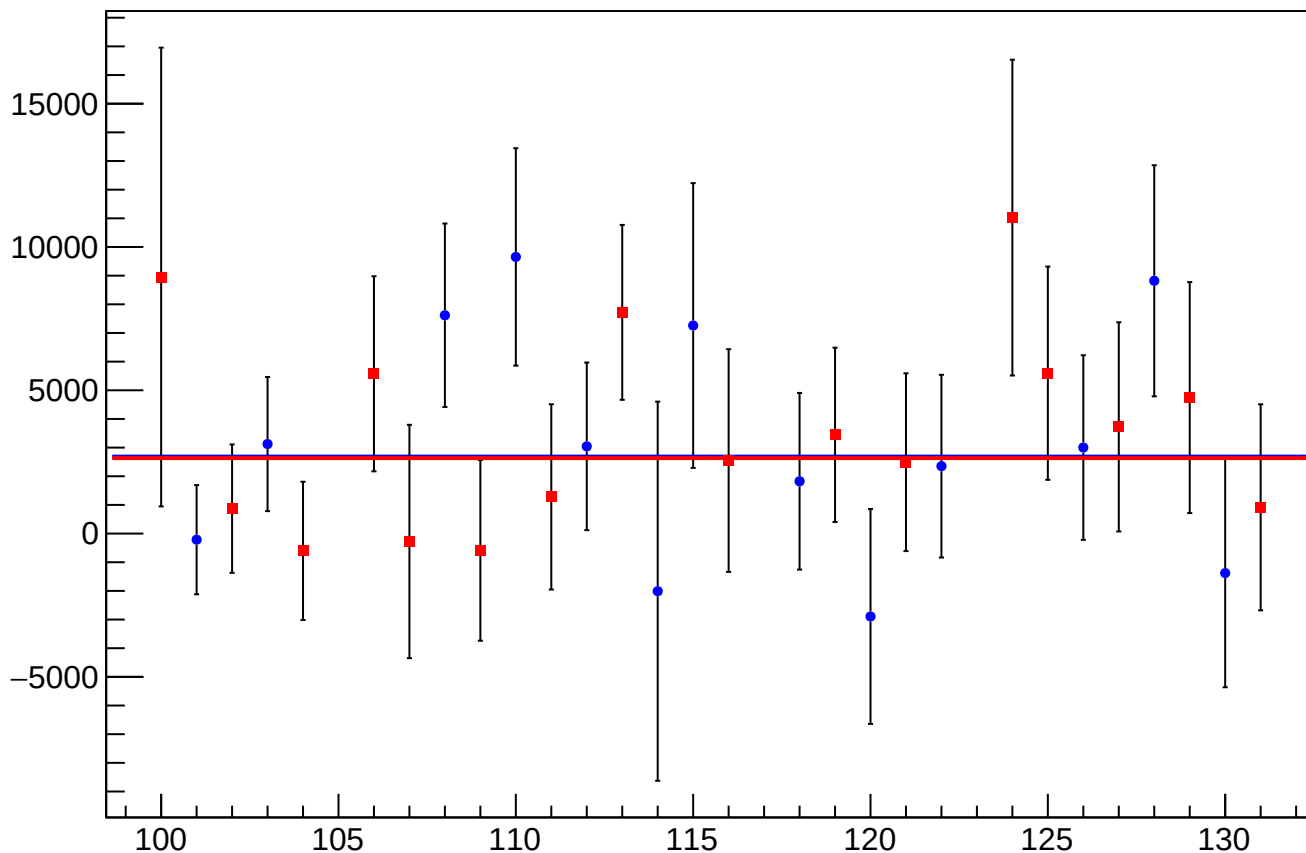
Right: 1703.238+/-0.359 χ^2/NDF : 971846.4/28

In: 1649.565+/-0.513 χ^2/NDF : 632043.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.238+/-0.359 χ^2/NDF : 971846.4/28

asym_usr_mean vs Slug, Sign Corrected



Right In: 2684.915+/-876.634 χ^2/NDF : 15.1/12

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

Right Out: 2633.409+/-834.926 χ^2/NDF : 11.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

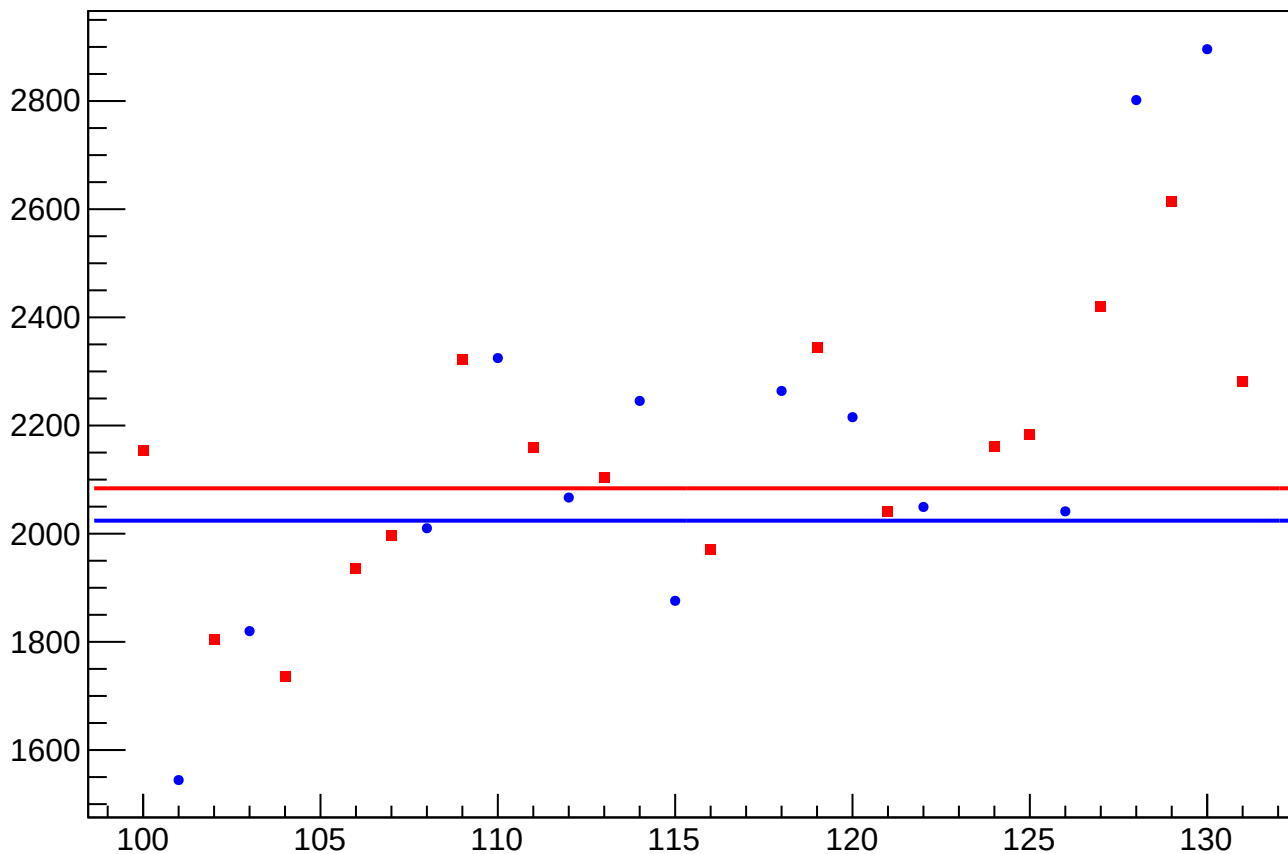
Right: 2657.908+/-604.589 χ^2/NDF : 27.1/28

In: 2684.915+/-876.634 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2657.908+/-604.589 χ^2/NDF : 27.1/28

asym_usr_rms vs Slug, Sign Corrected



Right In: 2024.078+/-0.620 χ^2/NDF : 346722.9/12

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

Right Out: 2083.911+/-0.590 χ^2/NDF : 166474.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

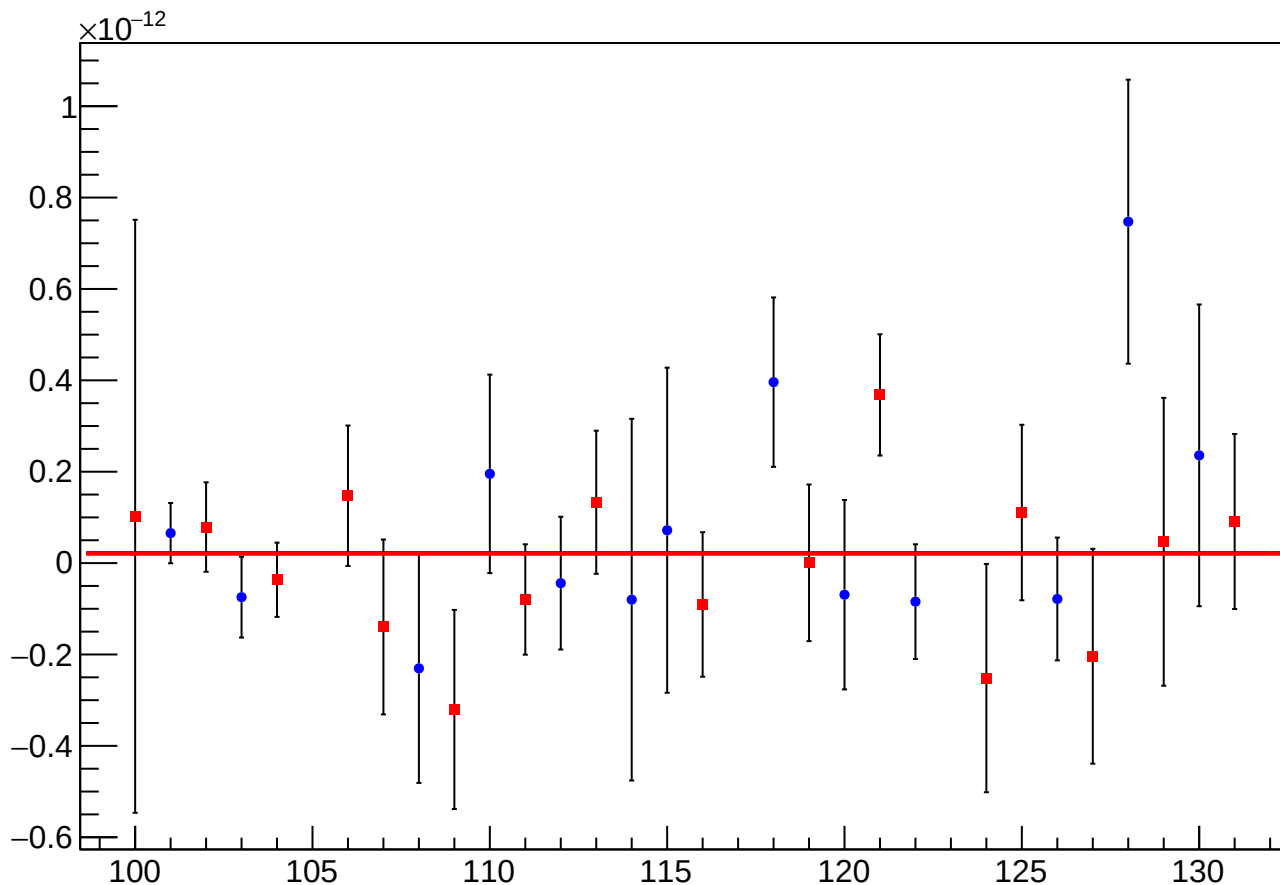
Right: 2055.452+/-0.428 χ^2/NDF : 518083.4/28

In: 2024.078+/-0.620 χ^2/NDF :346722.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2055.452+/-0.428 χ^2/NDF : 518083.4/28

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

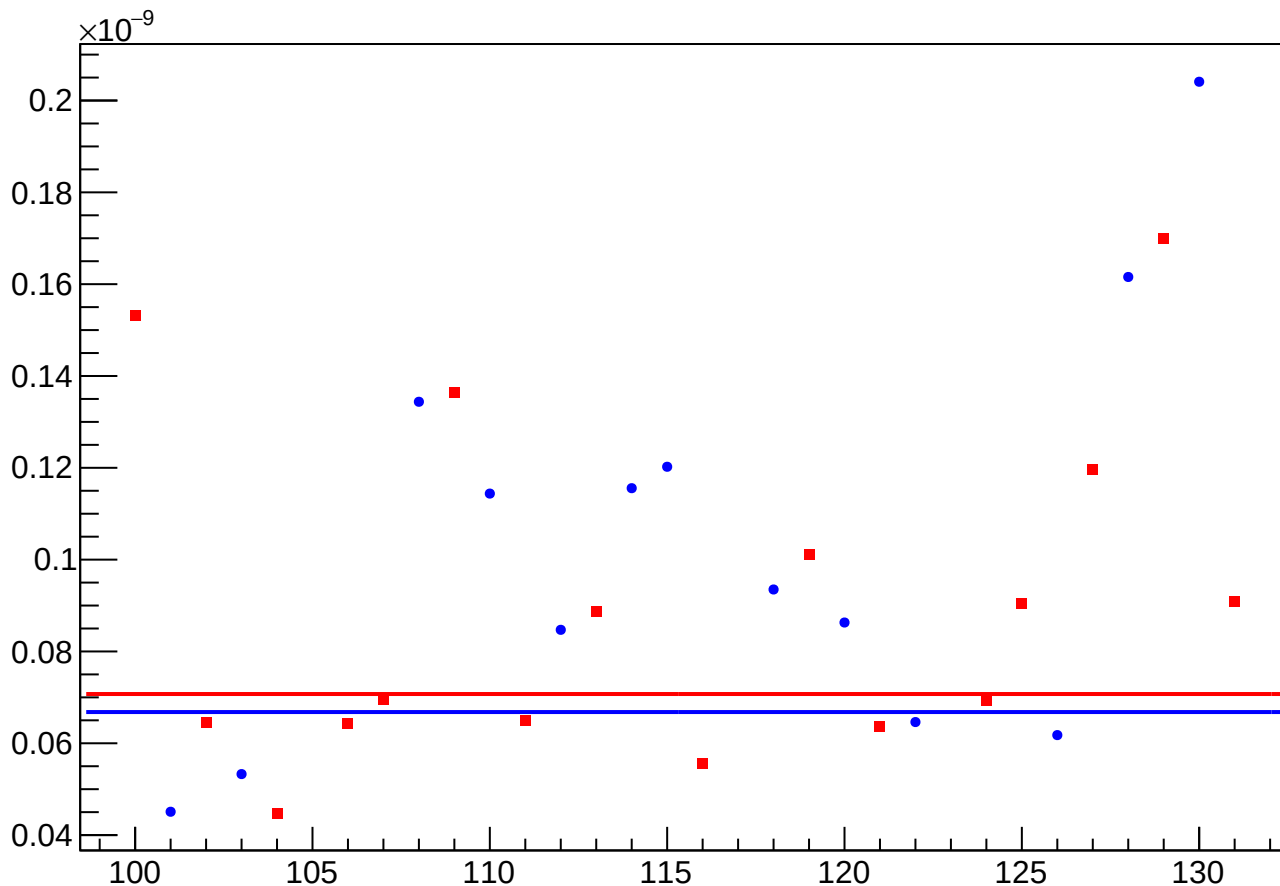
Right: 0.000+/-0.000 χ^2/NDF : 30.7/28

In: 0.000+/-0.000 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.7/28

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1204822.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 877471.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

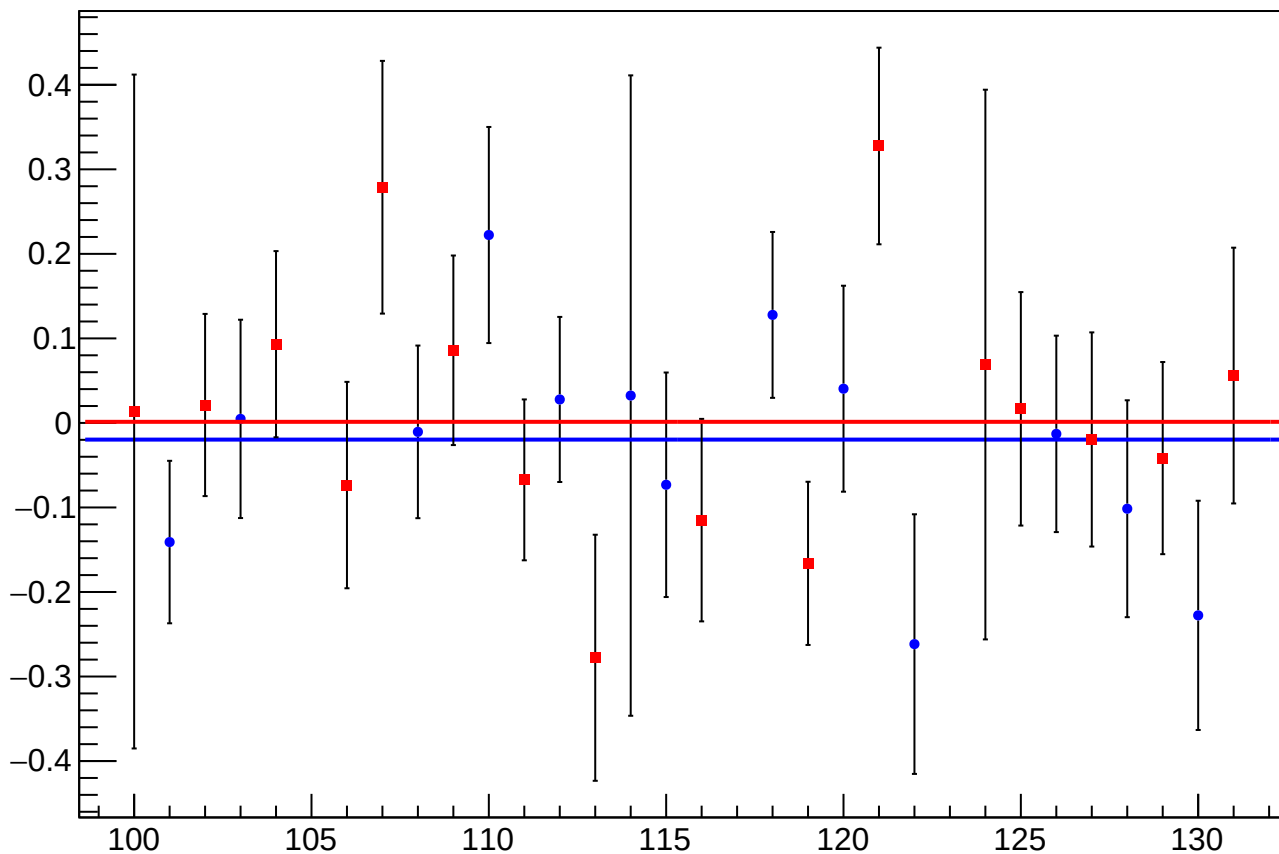
Right: 0.000+/-0.000 χ^2/NDF : 2092581.0/28

In: 0.000+/-0.000 χ^2/NDF : 1204822.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2092581.0/28

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

Right Out: 0.001 ± 0.031 $\chi^2/\text{NDF}: 21.5/15$

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

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

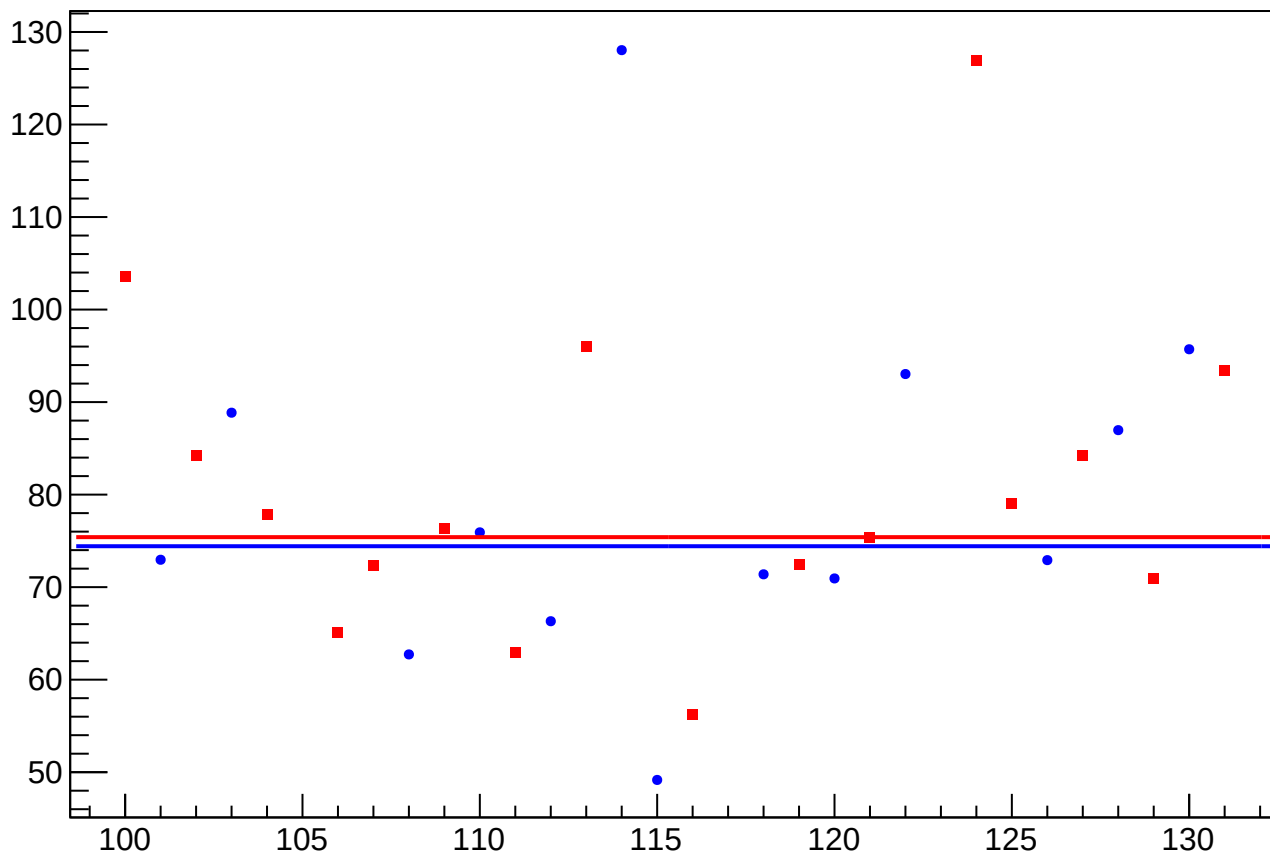
Right: -0.009 ± 0.023 $\chi^2/\text{NDF}: 35.1/28$

In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

All: -0.009 ± 0.023 $\chi^2/\text{NDF}: 35.1/28$

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

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

Right Out: 75.404+/-0.022 χ^2/NDF : 260147.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

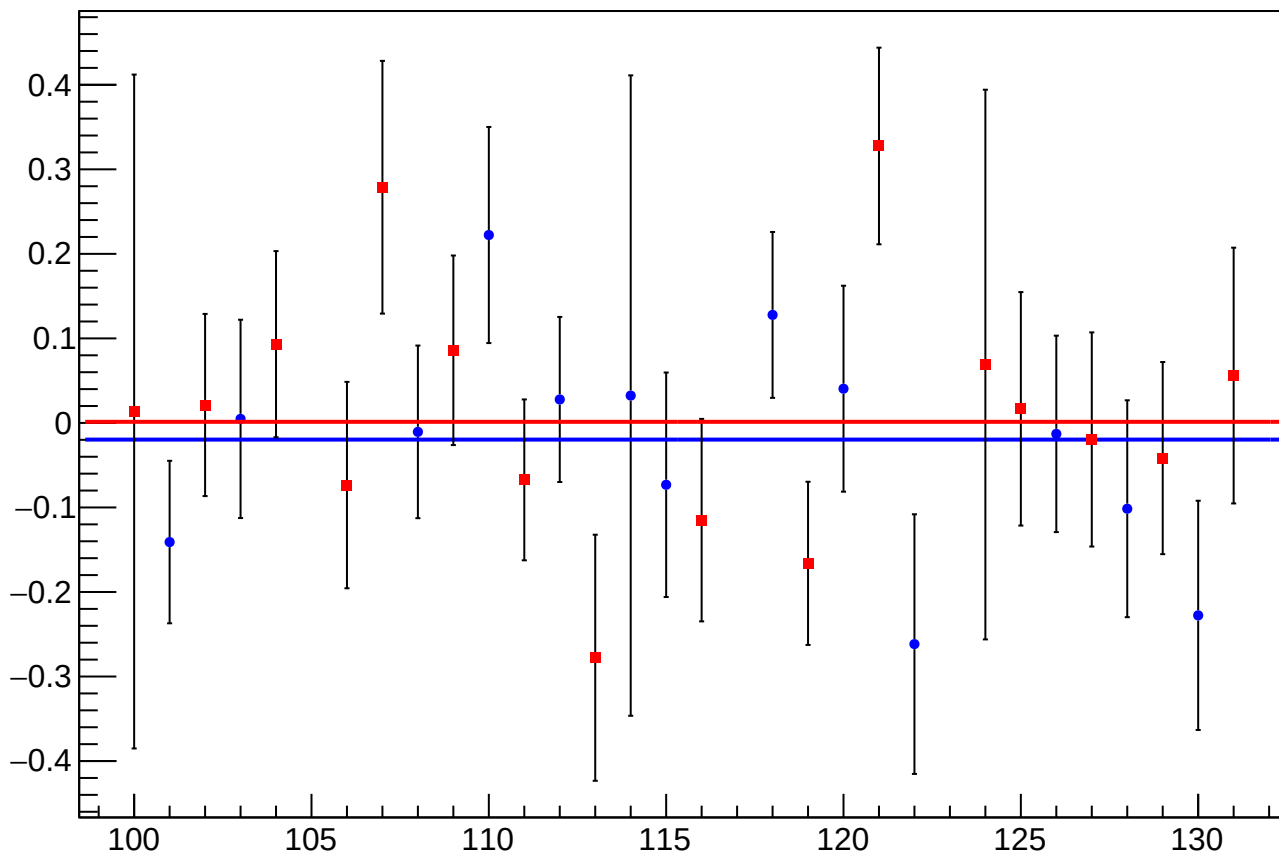
Right: 74.942+/-0.016 χ^2/NDF : 546174.6/28

In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.942+/-0.016 χ^2/NDF : 546174.6/28

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.033 χ^2/NDF : 13.4/12

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

Right Out: 0.001+/-0.031 χ^2/NDF : 21.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

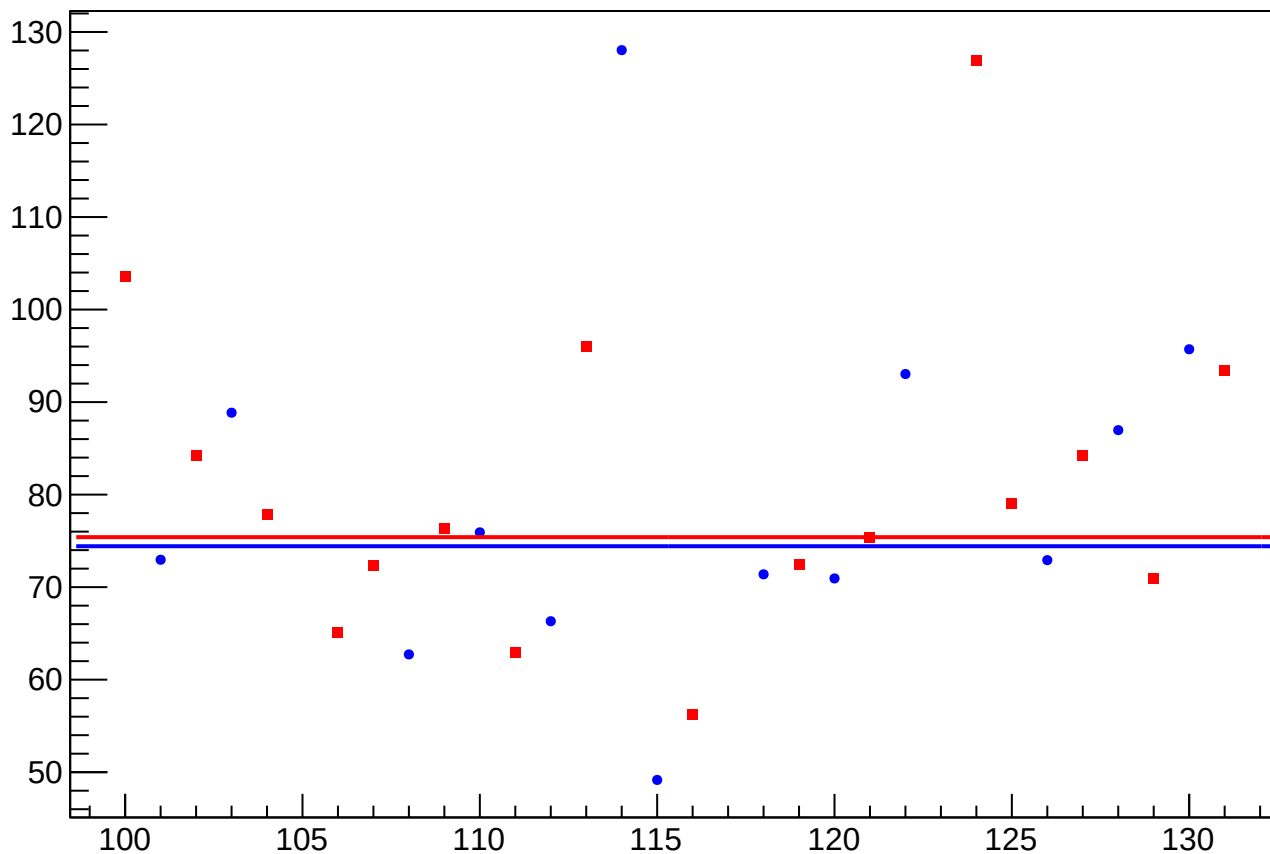
Right: -0.009+/-0.023 χ^2/NDF : 35.1/28

In: -0.020+/-0.033 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.023 χ^2/NDF : 35.1/28

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

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

Right Out: 75.404+/-0.022 χ^2/NDF : 260147.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

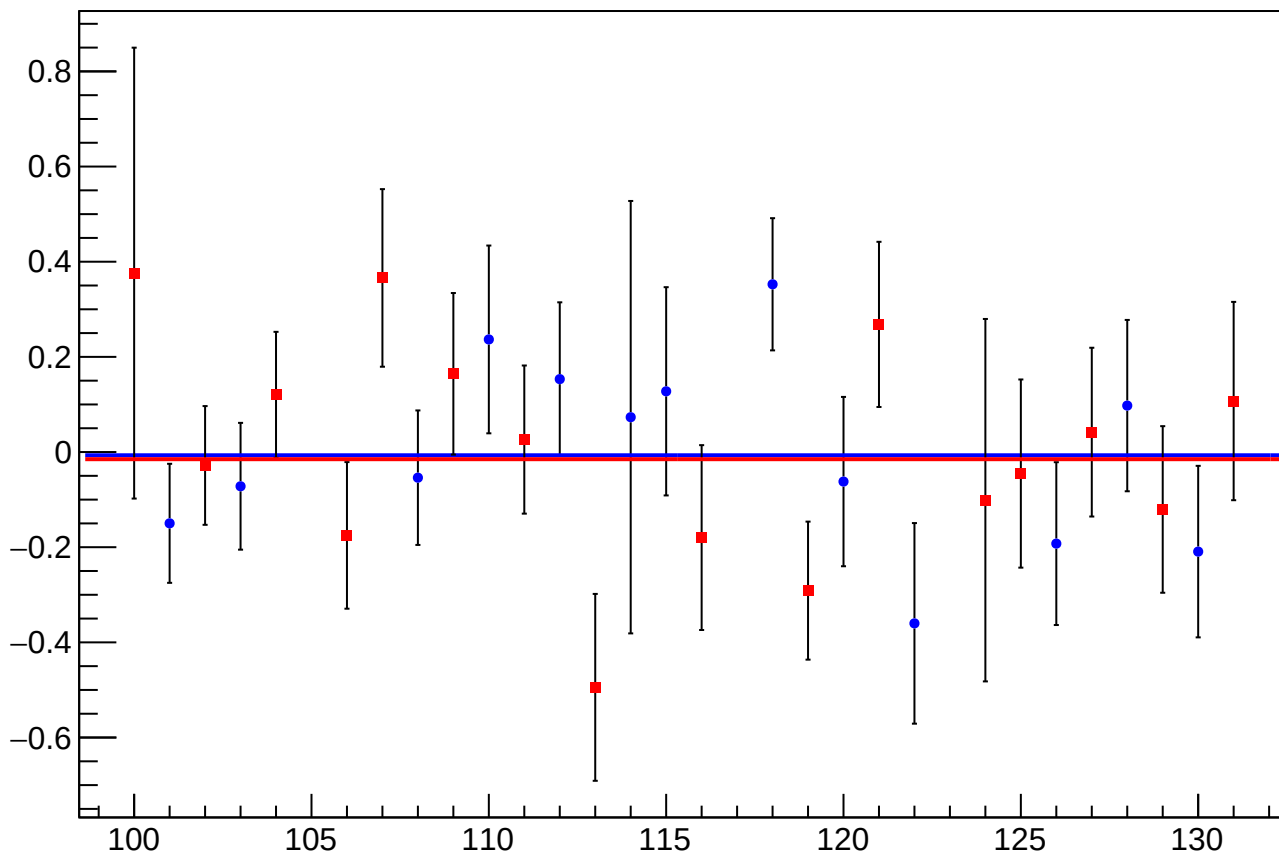
Right: 74.942+/-0.016 χ^2/NDF : 546174.6/28

In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.942+/-0.016 χ^2/NDF : 546174.6/28

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

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

Right Out: -0.015 ± 0.044 χ^2/NDF : 22.0/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

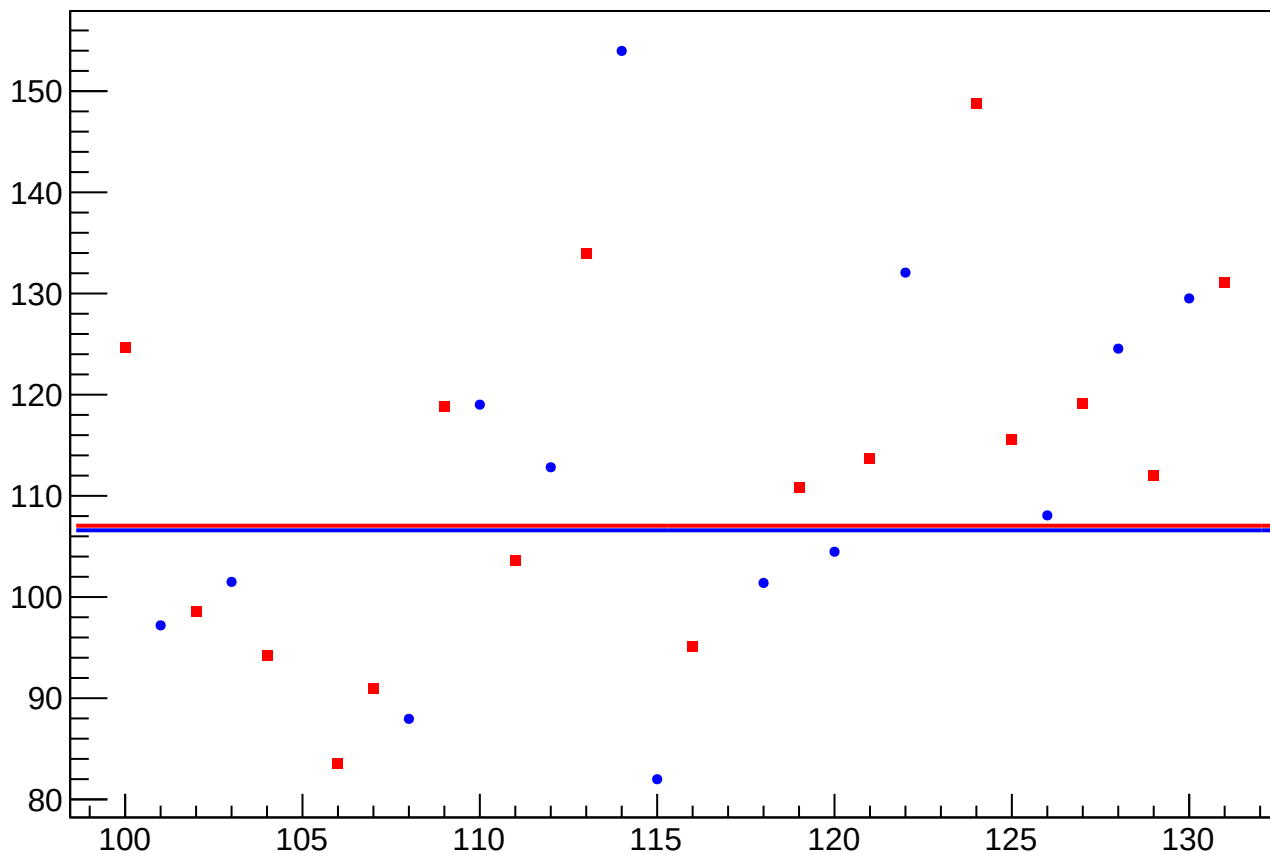
Right: -0.011 ± 0.032 χ^2/NDF : 39.0/28

In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.032 χ^2/NDF : 39.0/28

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.595 $\pm$ 0.033 χ^2 /NDF: 191572.6/12

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

Right Out: 107.048 $\pm$ 0.031 χ^2 /NDF: 217833.2/15

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

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

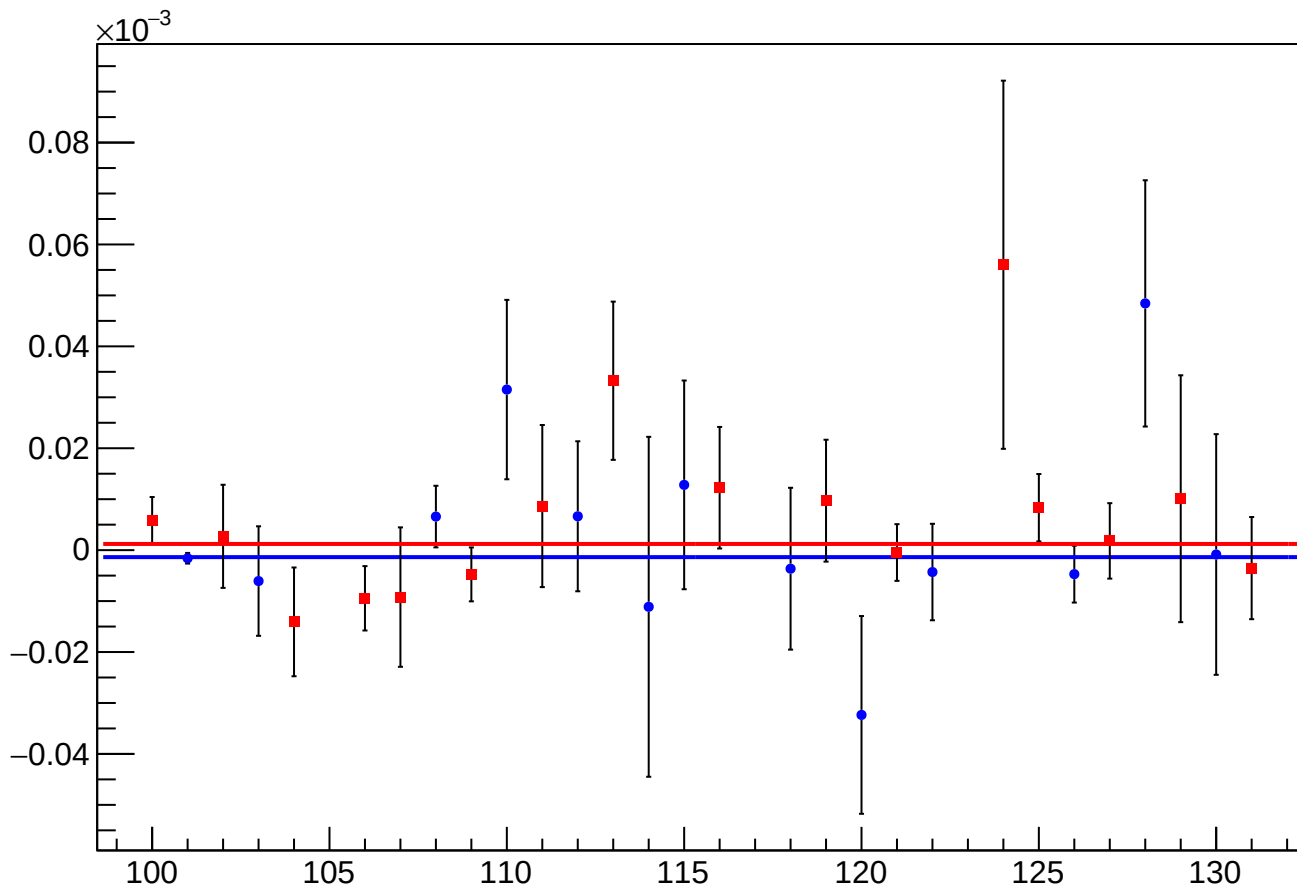
Right: 106.836 $\pm$ 0.023 χ^2 /NDF: 409506.8/28

In: 106.595 $\pm$ 0.033 χ^2 /NDF: 191572.6/12

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

All: 106.836 $\pm$ 0.023 χ^2 /NDF: 409506.8/28

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

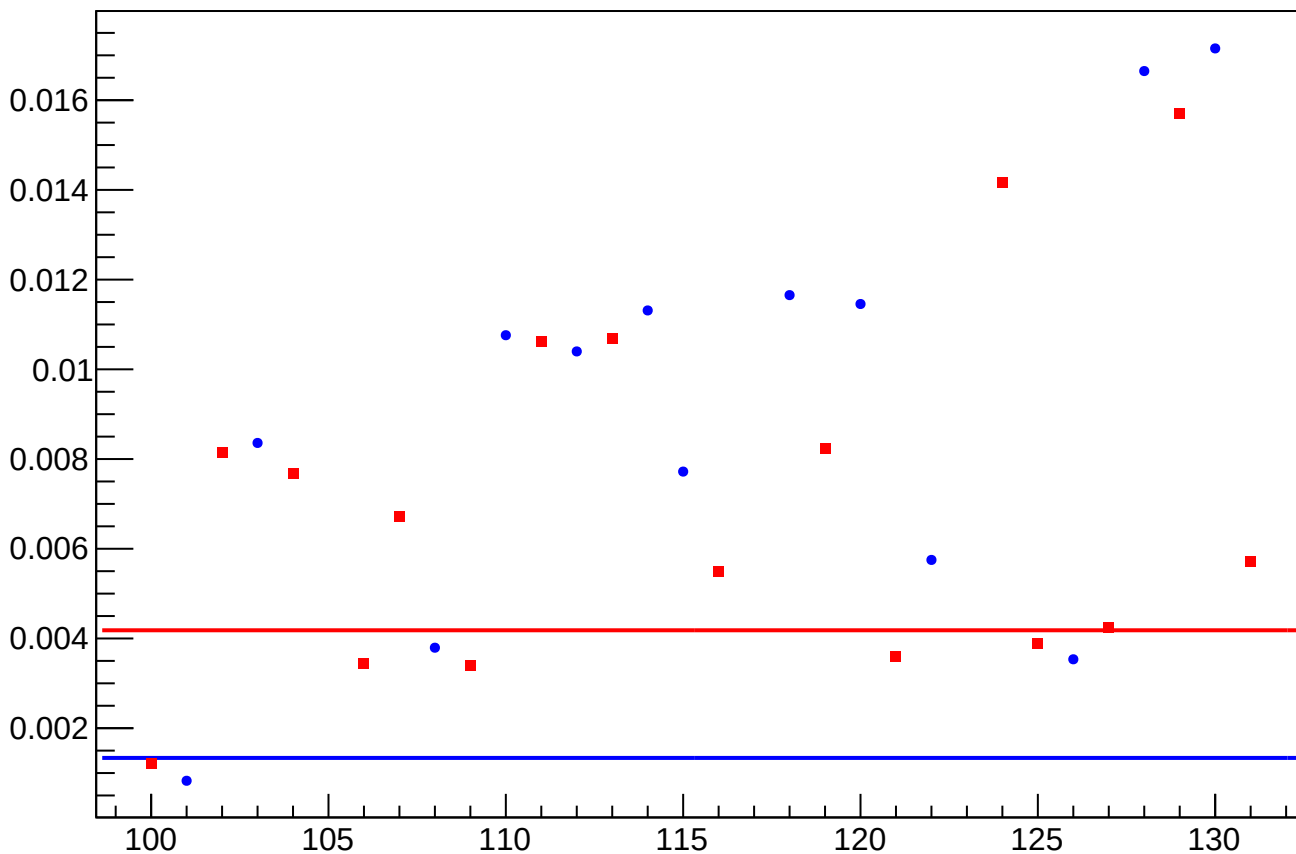
Right: -0.000+/-0.000 χ^2/NDF : 32.5/28

In: -0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/28

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 7194791.4/12

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

Right Out: 0.004+/-0.000 χ^2/NDF : 3126493.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

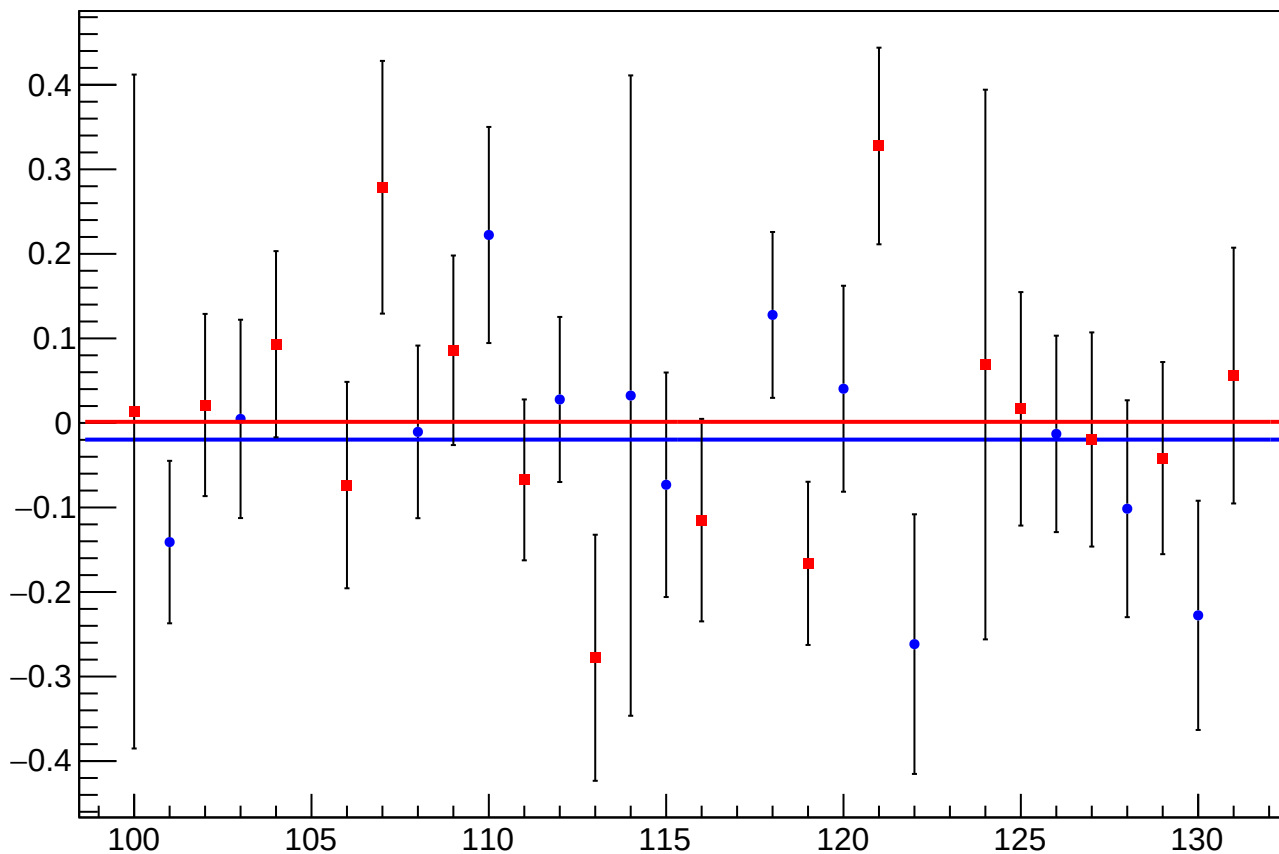
Right: 0.002+/-0.000 χ^2/NDF : 13478180.0/28

In: 0.001+/-0.000 χ^2/NDF : 7194791.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 13478180.0/28

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

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

Right Out: 0.001 ± 0.031 χ^2/NDF : 21.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

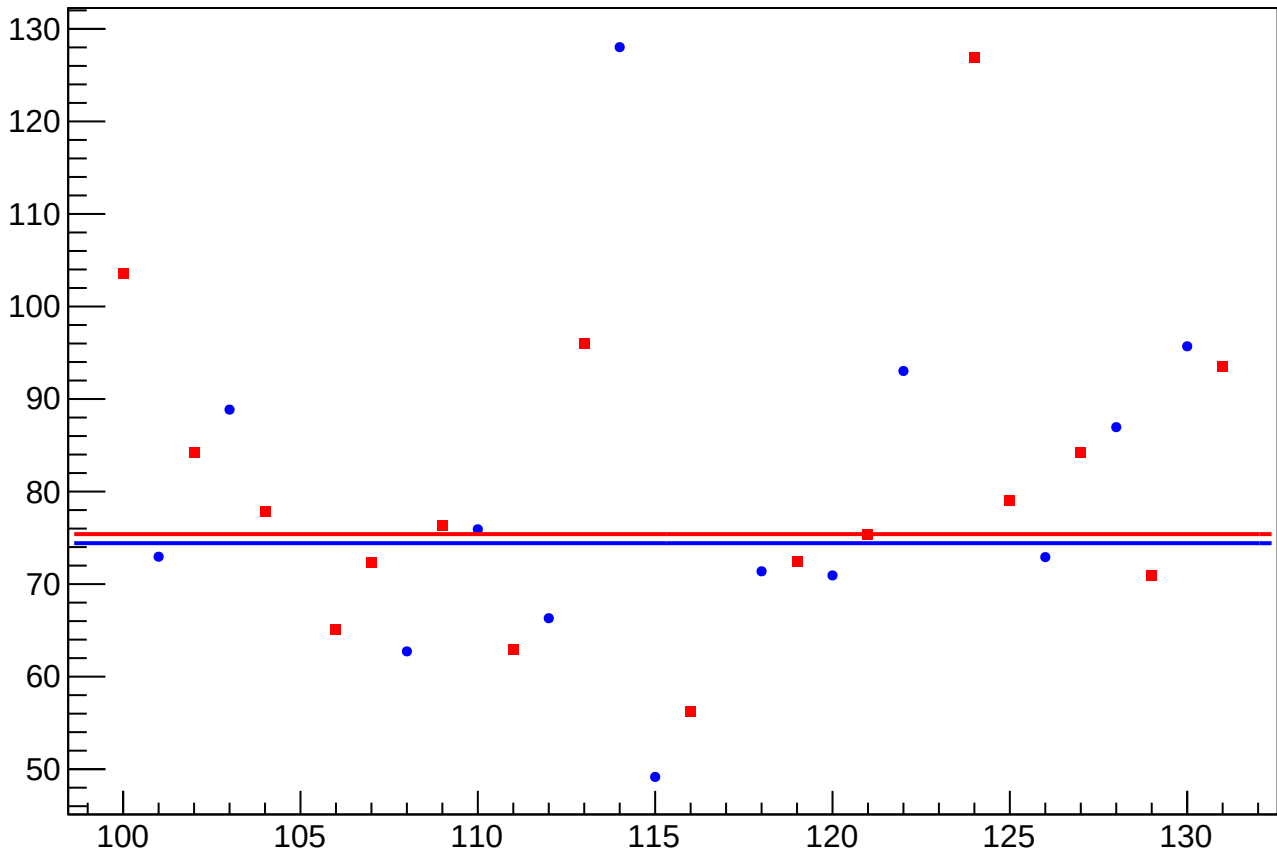
Right: -0.009 ± 0.023 χ^2/NDF : 35.1/28

In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.023 χ^2/NDF : 35.1/28

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

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

Right Out: 75.403+/-0.022 χ^2/NDF : 260143.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

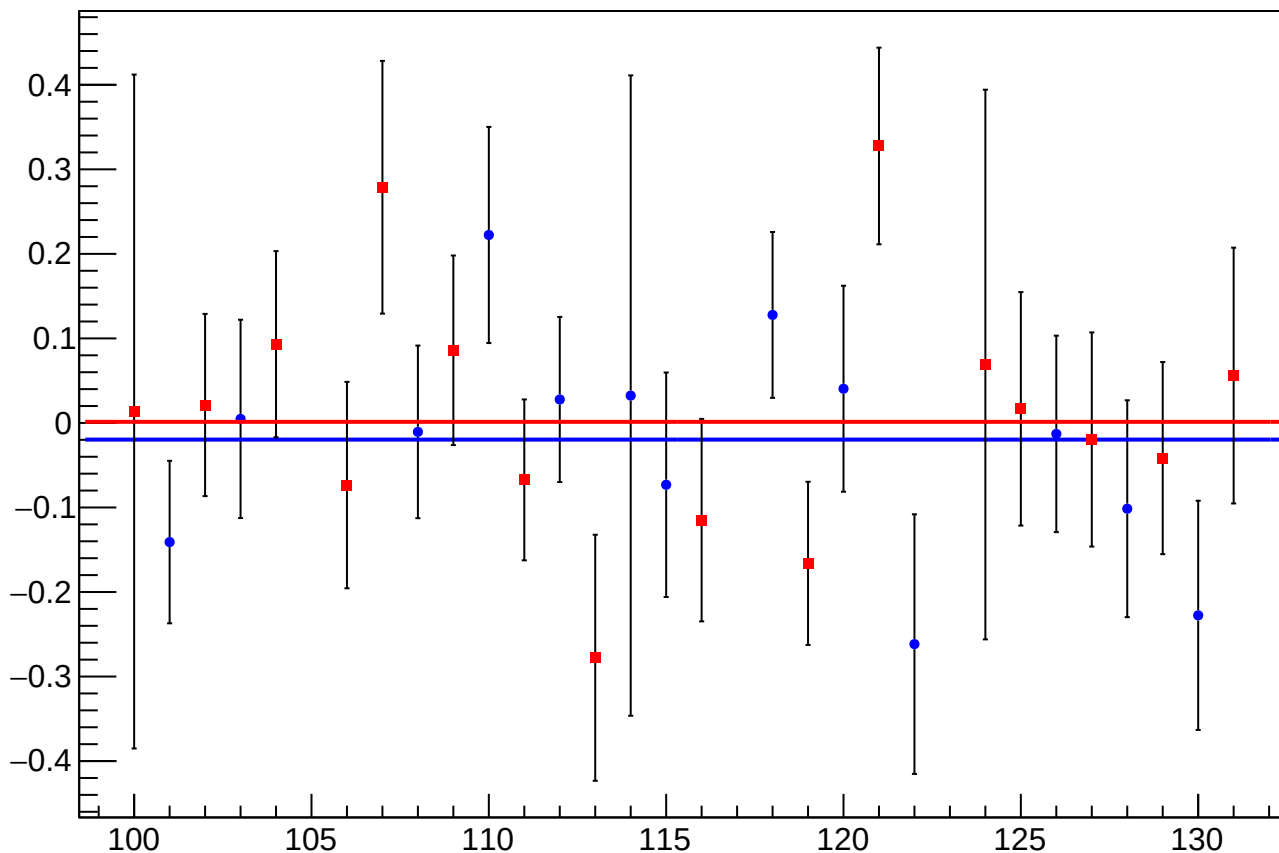
Right: 74.940+/-0.016 χ^2/NDF : 546149.6/28

In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.940+/-0.016 χ^2/NDF : 546149.6/28

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.033 χ^2/NDF : 13.4/12

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

Right Out: 0.001+/-0.031 χ^2/NDF : 21.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

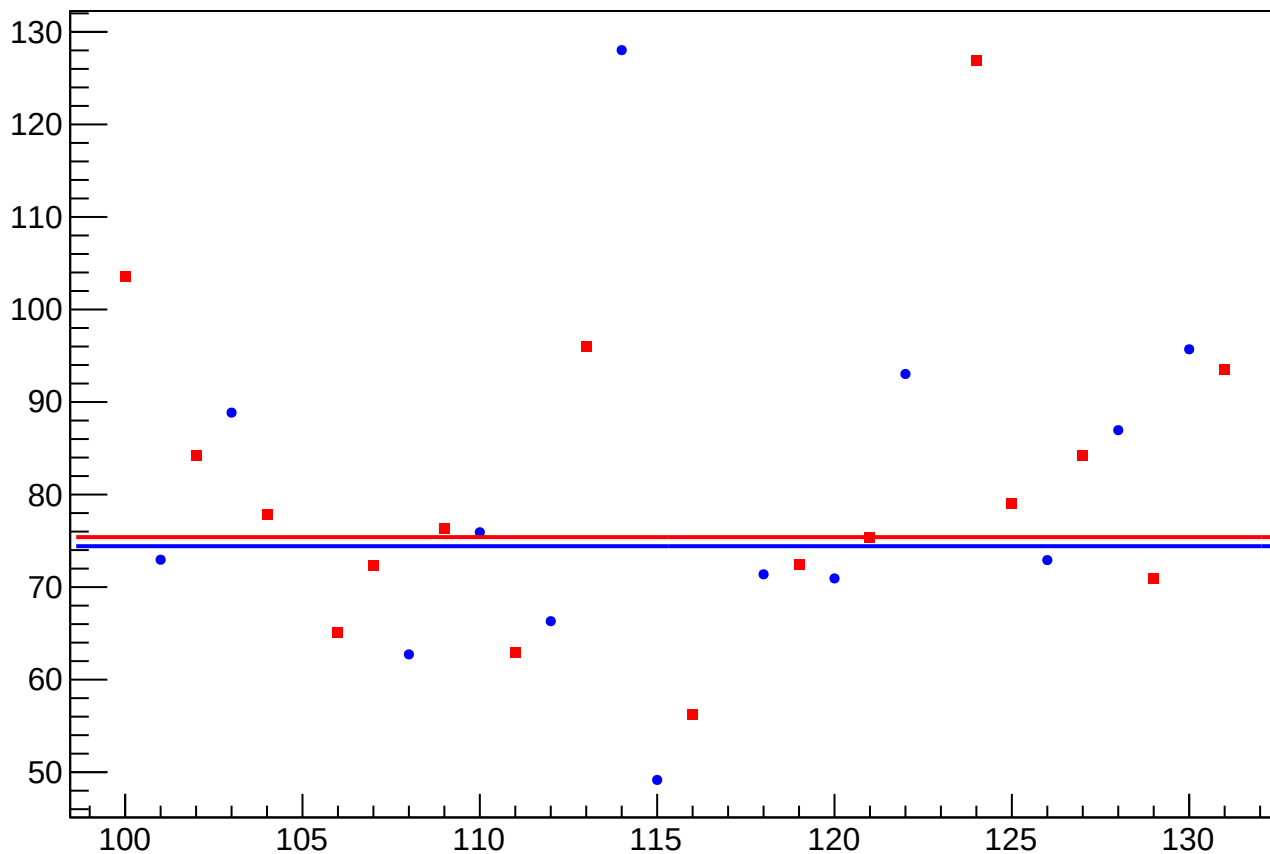
Right: -0.009+/-0.023 χ^2/NDF : 35.1/28

In: -0.020+/-0.033 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.023 χ^2/NDF : 35.1/28

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

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

Right Out: 75.403+/-0.022 χ^2/NDF : 260143.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

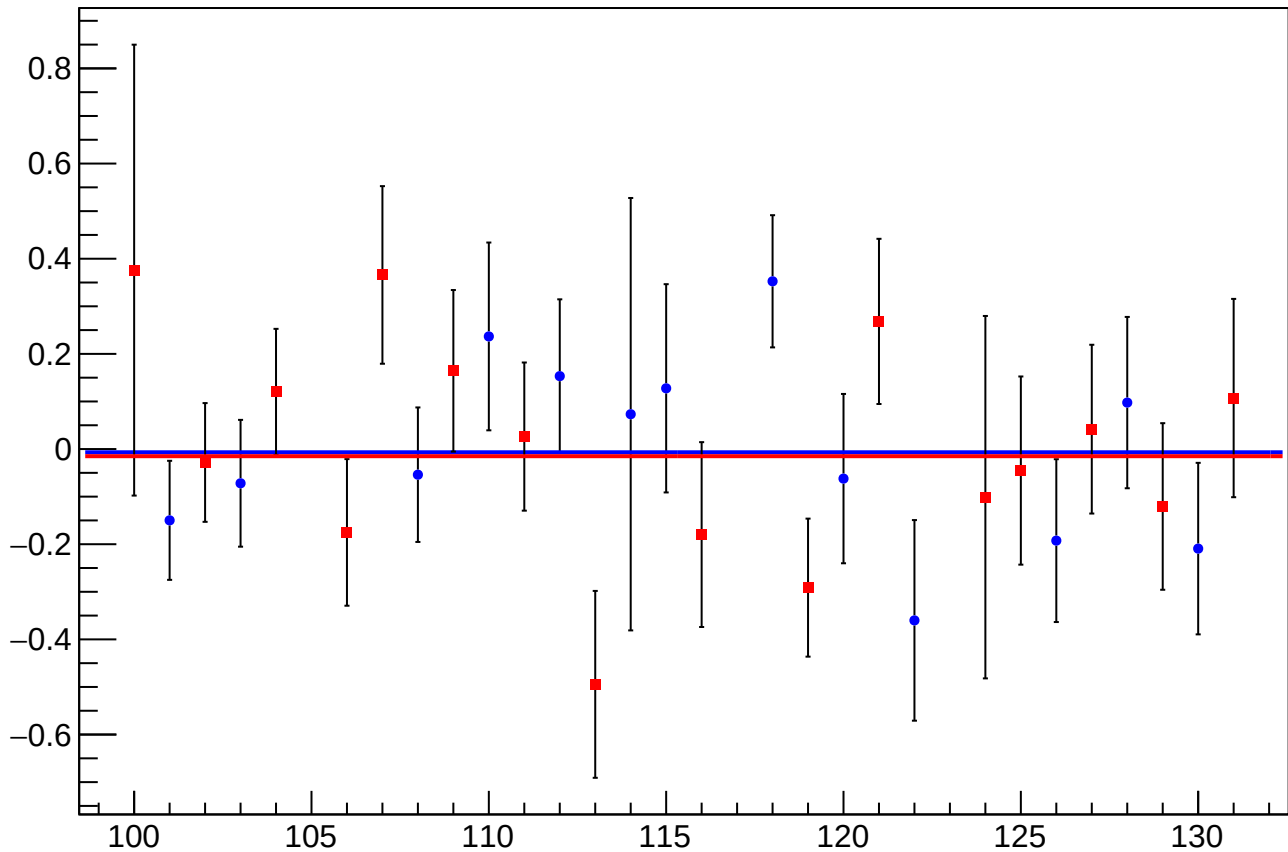
Right: 74.940+/-0.016 χ^2/NDF : 546149.6/28

In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.940+/-0.016 χ^2/NDF : 546149.6/28

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

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

Right Out: -0.015 ± 0.044 χ^2/NDF : 22.0/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

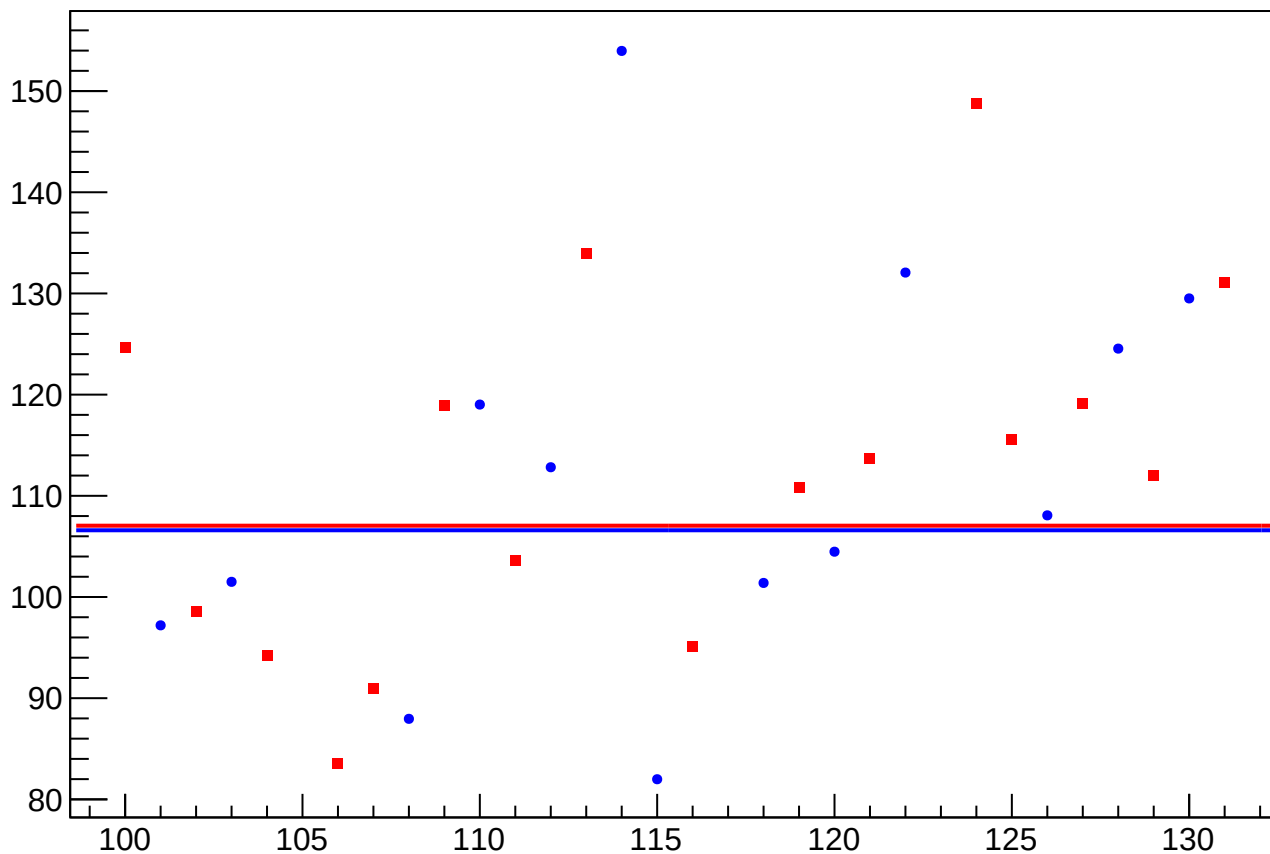
Right: -0.011 ± 0.032 χ^2/NDF : 39.0/28

In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.032 χ^2/NDF : 39.0/28

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.594+/-0.033 χ^2/NDF : 191545.9/12

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

Right Out: 107.048+/-0.031 χ^2/NDF : 217806.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

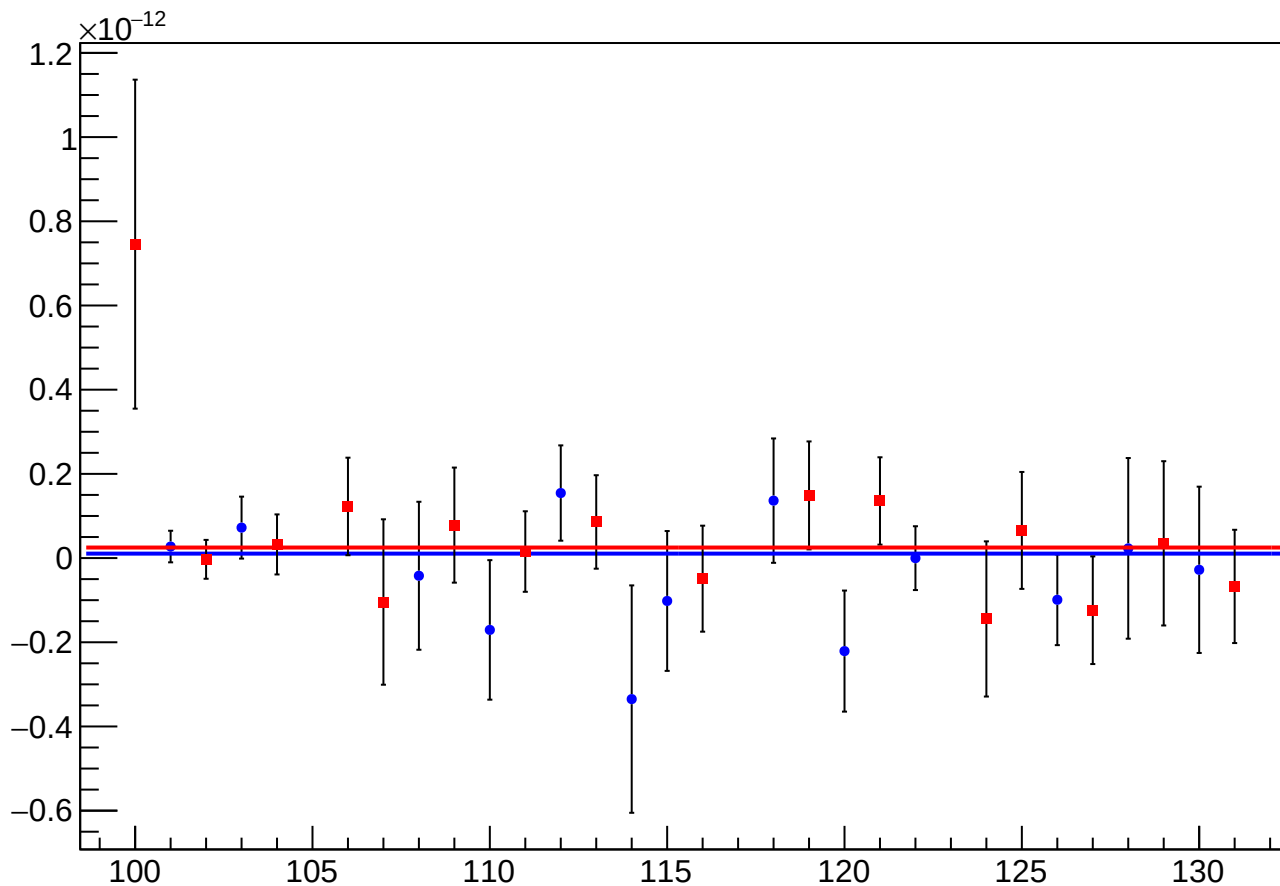
Right: 106.836+/-0.023 χ^2/NDF : 409453.6/28

In: 106.594+/-0.033 χ^2/NDF : 191545.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.836+/-0.023 χ^2/NDF : 409453.6/28

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

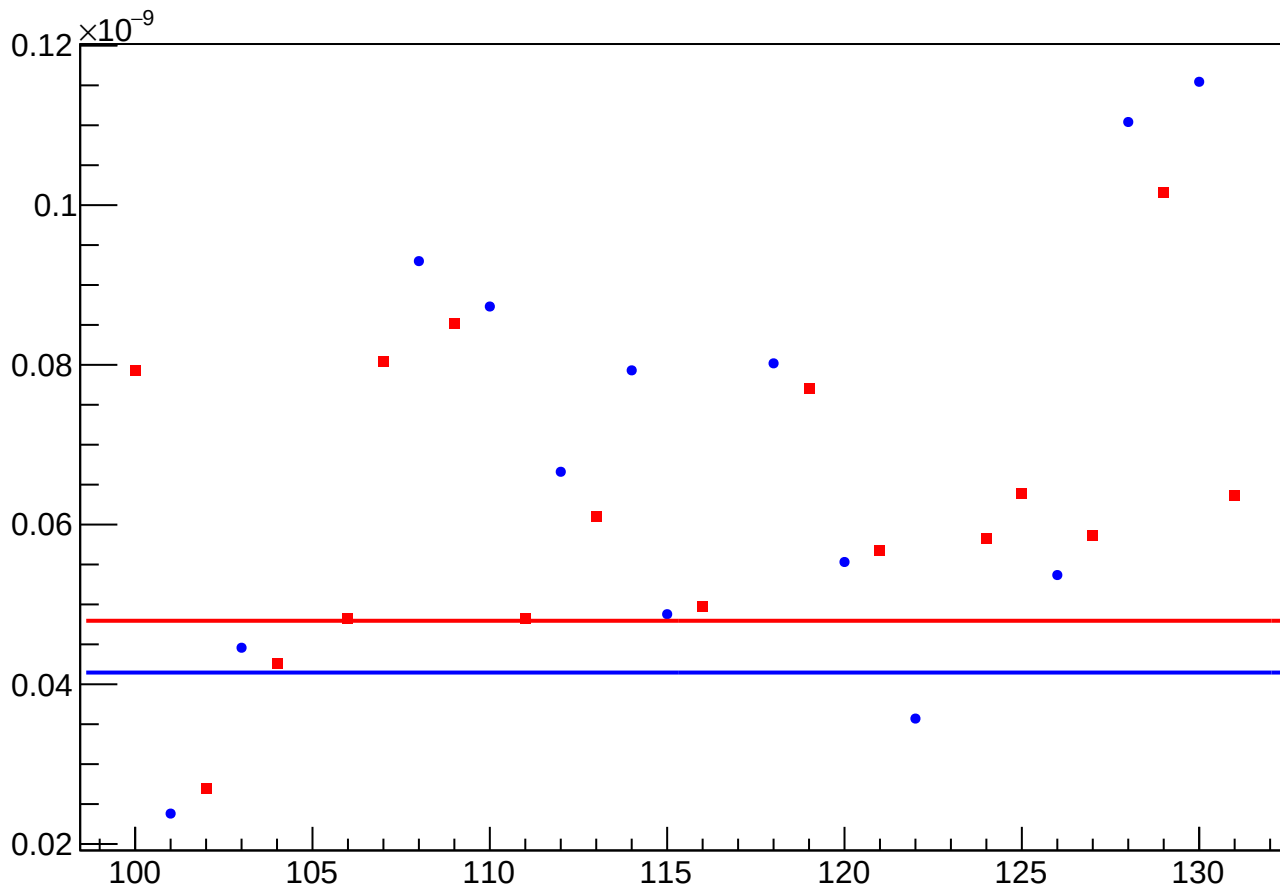
Right: 0.000+/-0.000 χ^2/NDF : 21.0/28

In: 0.000+/-0.000 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.0/28

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1593484.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1011719.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

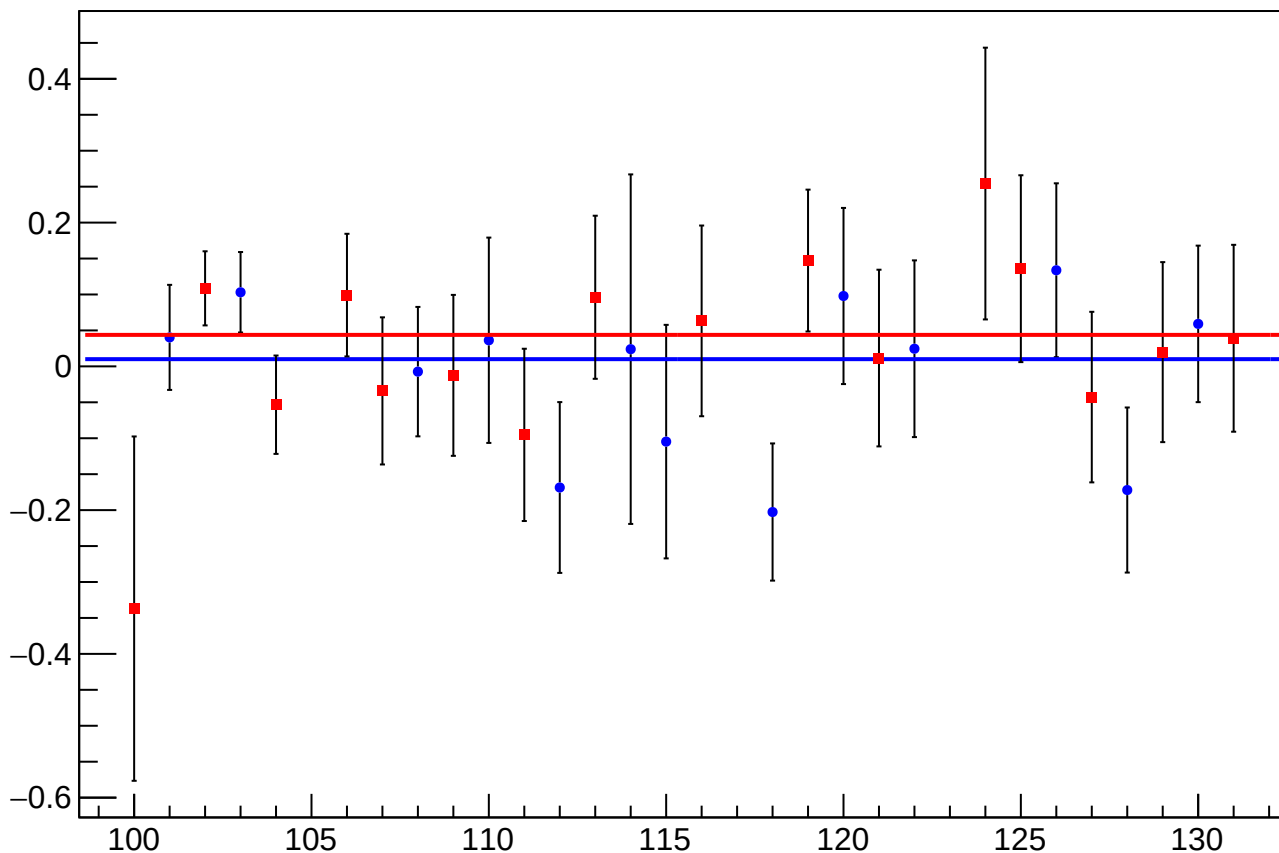
Right: 0.000+/-0.000 χ^2/NDF : 2667229.3/28

In: 0.000+/-0.000 χ^2/NDF : 1593484.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2667229.3/28

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.028 χ^2 /NDF: 15.0/12

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

Right Out: 0.044 $\pm$ 0.025 χ^2 /NDF: 12.4/15

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

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

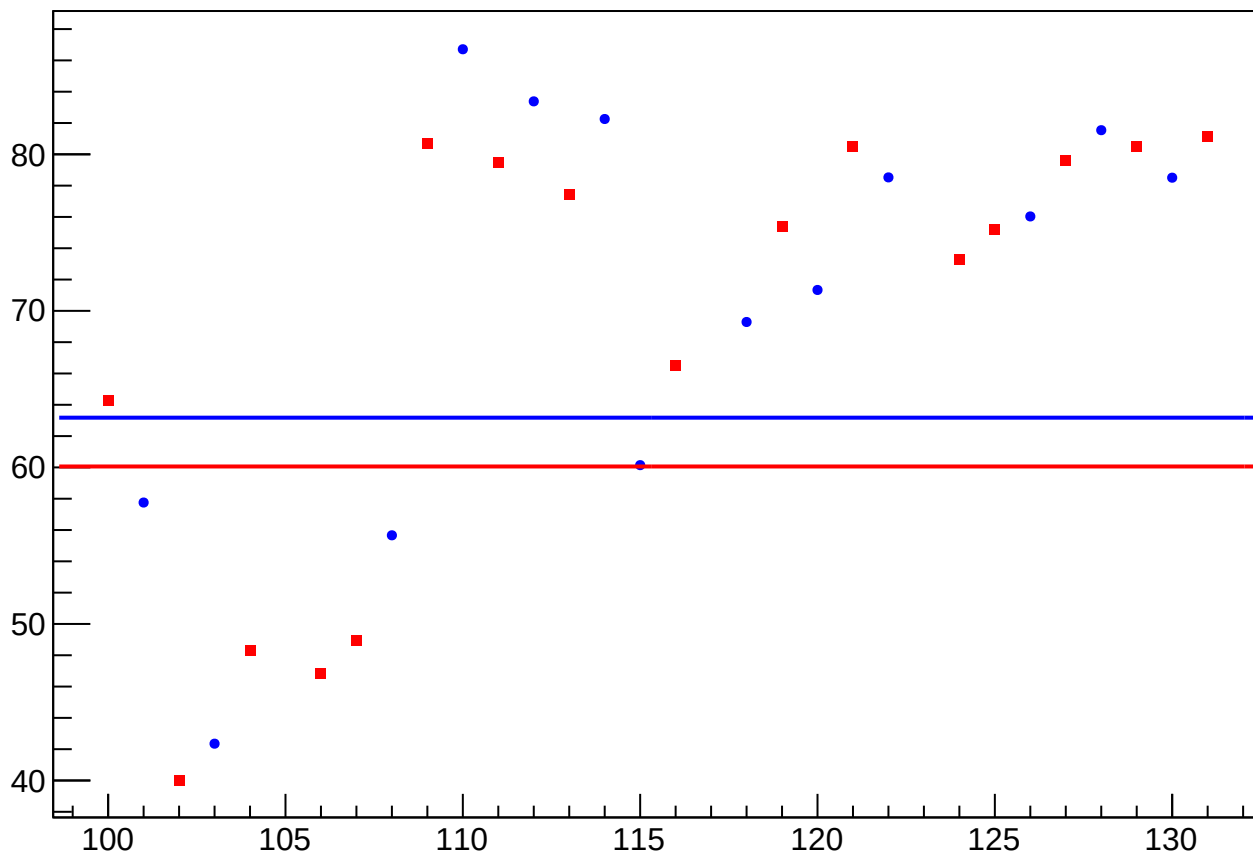
Right: 0.029 $\pm$ 0.019 χ^2 /NDF: 28.3/28

In: 0.010 $\pm$ 0.028 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.029 $\pm$ 0.019 χ^2 /NDF: 28.3/28

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

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

Right Out: 60.059+/-0.018 χ^2/NDF : 906459.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

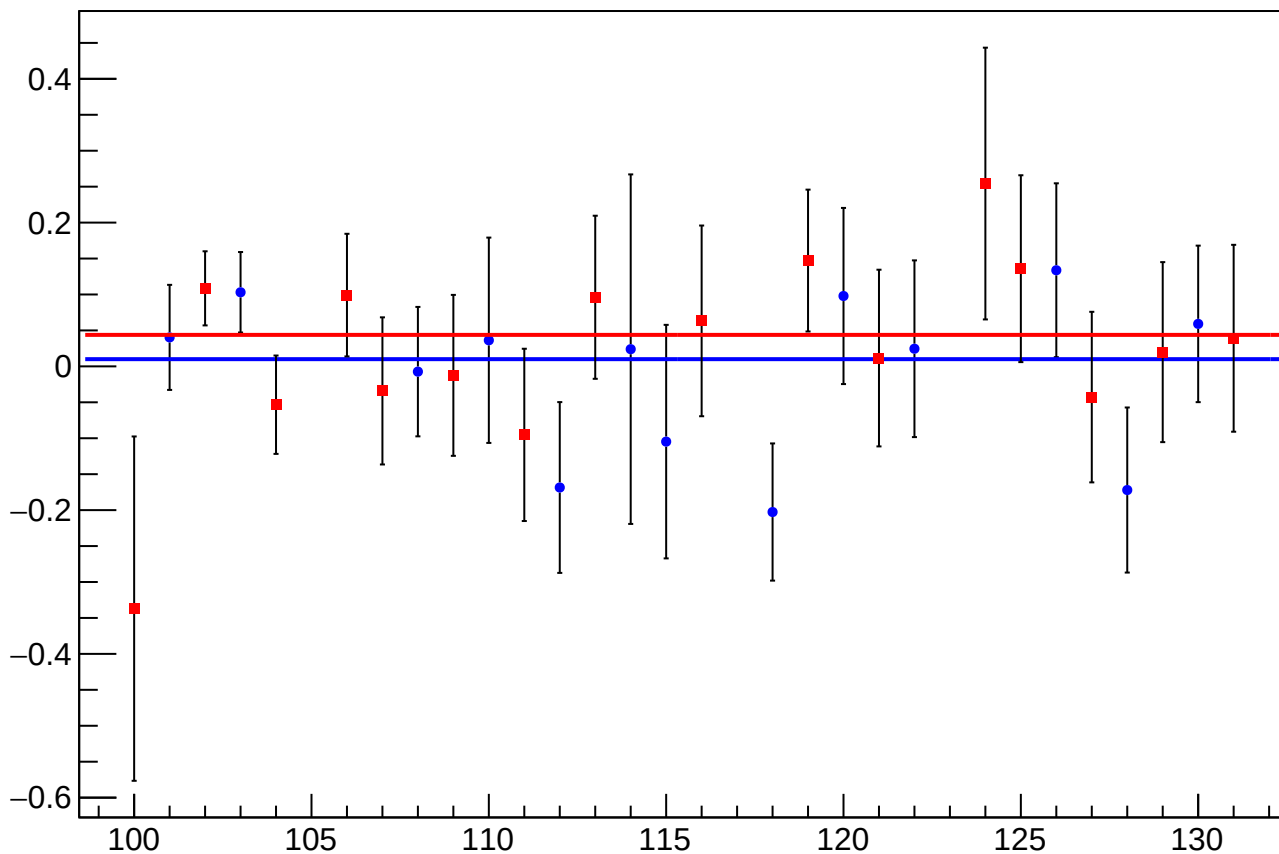
Right: 61.455+/-0.013 χ^2/NDF : 1508746.5/28

In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.455+/-0.013 χ^2/NDF : 1508746.5/28

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.028 χ^2 /NDF: 15.0/12

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

Right Out: 0.044 $\pm$ 0.025 χ^2 /NDF: 12.4/15

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

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

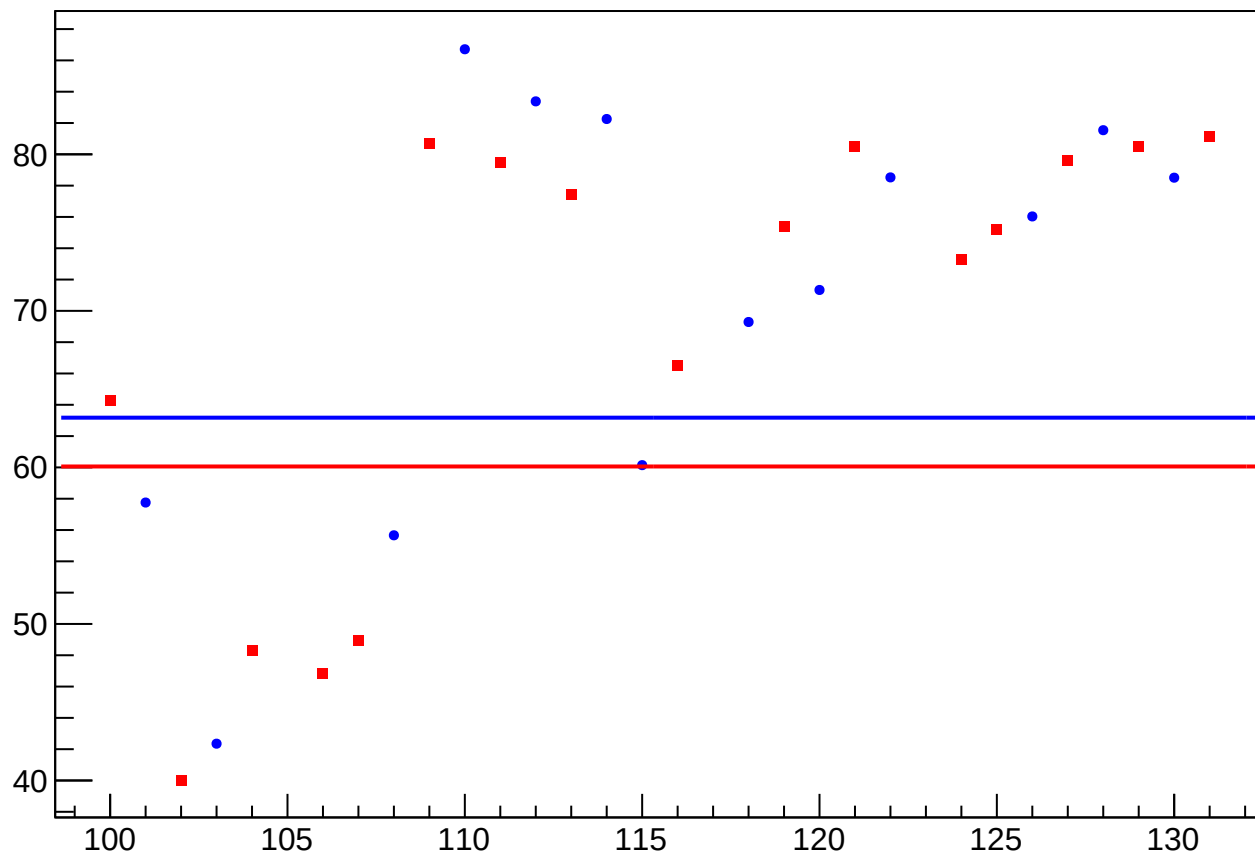
Right: 0.029 $\pm$ 0.019 χ^2 /NDF: 28.3/28

In: 0.010 $\pm$ 0.028 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.029 $\pm$ 0.019 χ^2 /NDF: 28.3/28

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

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

Right Out: 60.059+/-0.018 χ^2/NDF : 906459.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

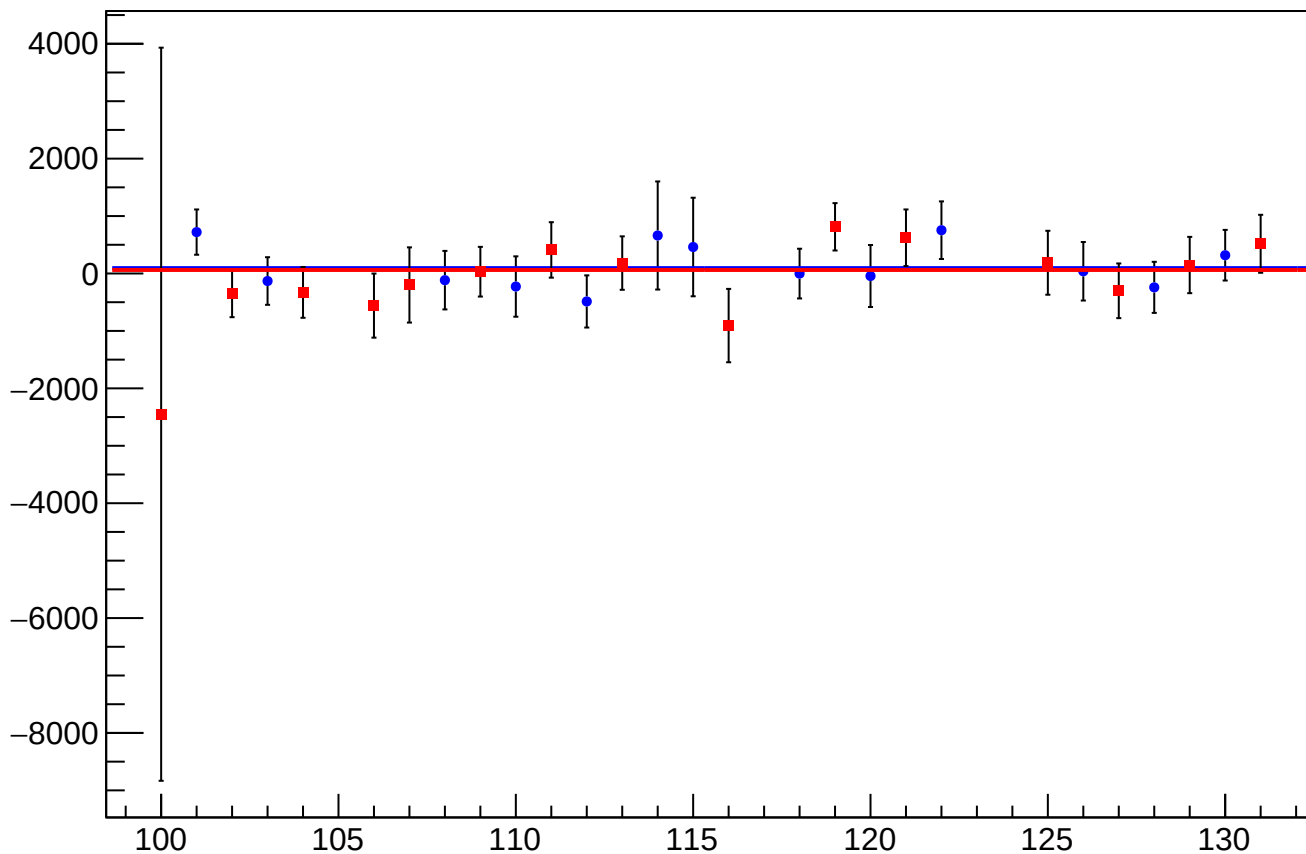
Right: 61.455+/-0.013 χ^2/NDF : 1508746.5/28

In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.455+/-0.013 χ^2/NDF : 1508746.5/28

asym_dsl_mean vs Slug, Sign Corrected



Right In: 93.133+/-136.259 χ^2/NDF : 8.2/12

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

Right Out: 61.615+/-129.994 χ^2/NDF : 12.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

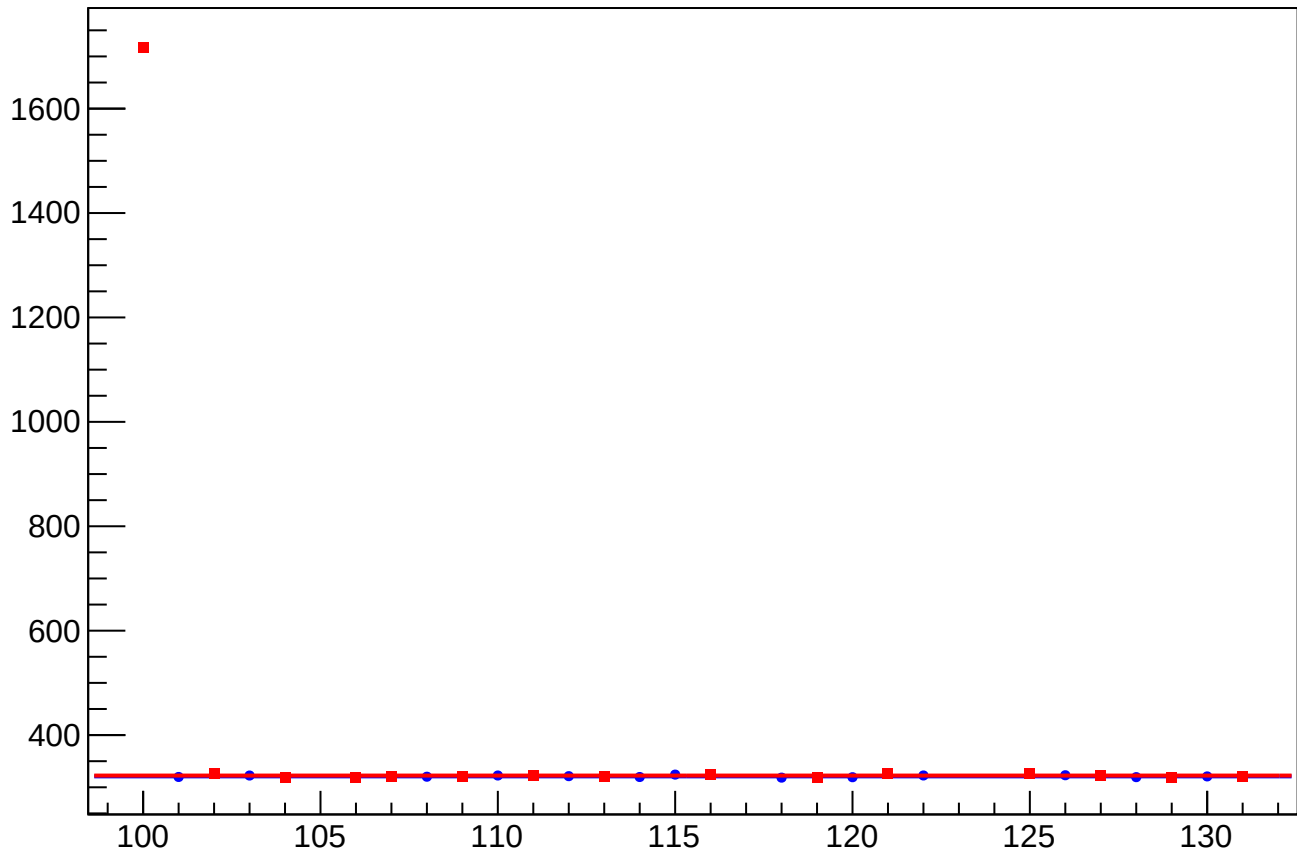
Right: 76.633+/-94.057 χ^2/NDF : 20.6/27

In: 93.133+/-136.259 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.633+/-94.057 χ^2/NDF : 20.6/27

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.912 $\pm$ 0.096 χ^2 /NDF: 267.6/12

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

Right Out: 322.470 $\pm$ 0.092 χ^2 /NDF: 96783.0/14

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

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

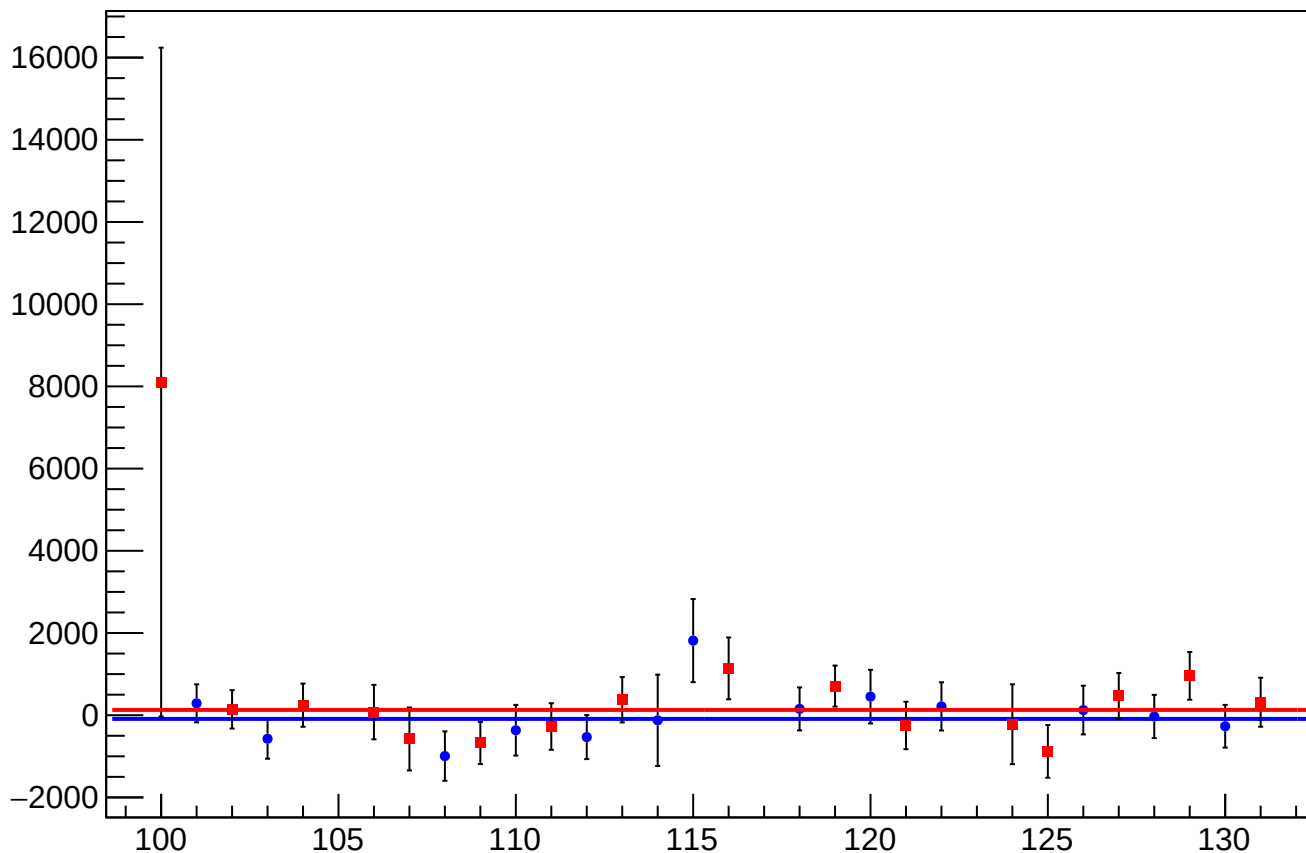
Right: 321.728 $\pm$ 0.067 χ^2 /NDF: 97187.5/27

In: 320.912 $\pm$ 0.096 χ^2 /NDF:267.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 321.728 $\pm$ 0.067 χ^2 /NDF: 97187.5/27

asym_dsr_mean vs Slug, Sign Corrected



Right In: -89.738 ± 160.851 χ^2/NDF : 9.8/12

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

Right Out: 129.526 ± 151.252 χ^2/NDF : 13.8/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

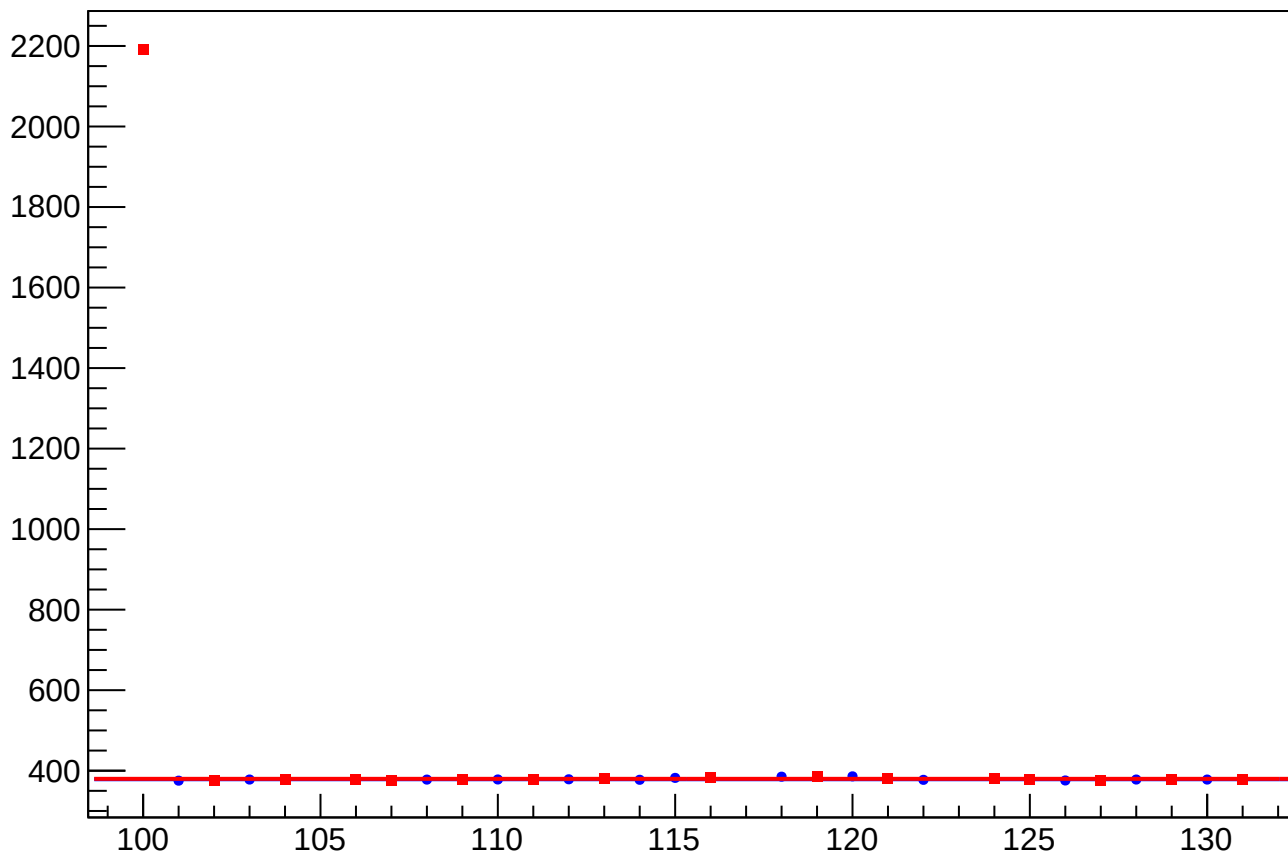
Right: 26.631 ± 110.188 χ^2/NDF : 24.5/28

In: -89.738 ± 160.851 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 26.631 ± 110.188 χ^2/NDF : 24.5/28

asym_dsr_rms vs Slug, Sign Corrected



Right In: 378.799+/-0.114 χ^2/NDF : 767.7/12

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

Right Out: 379.813+/-0.107 χ^2/NDF : 99572.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

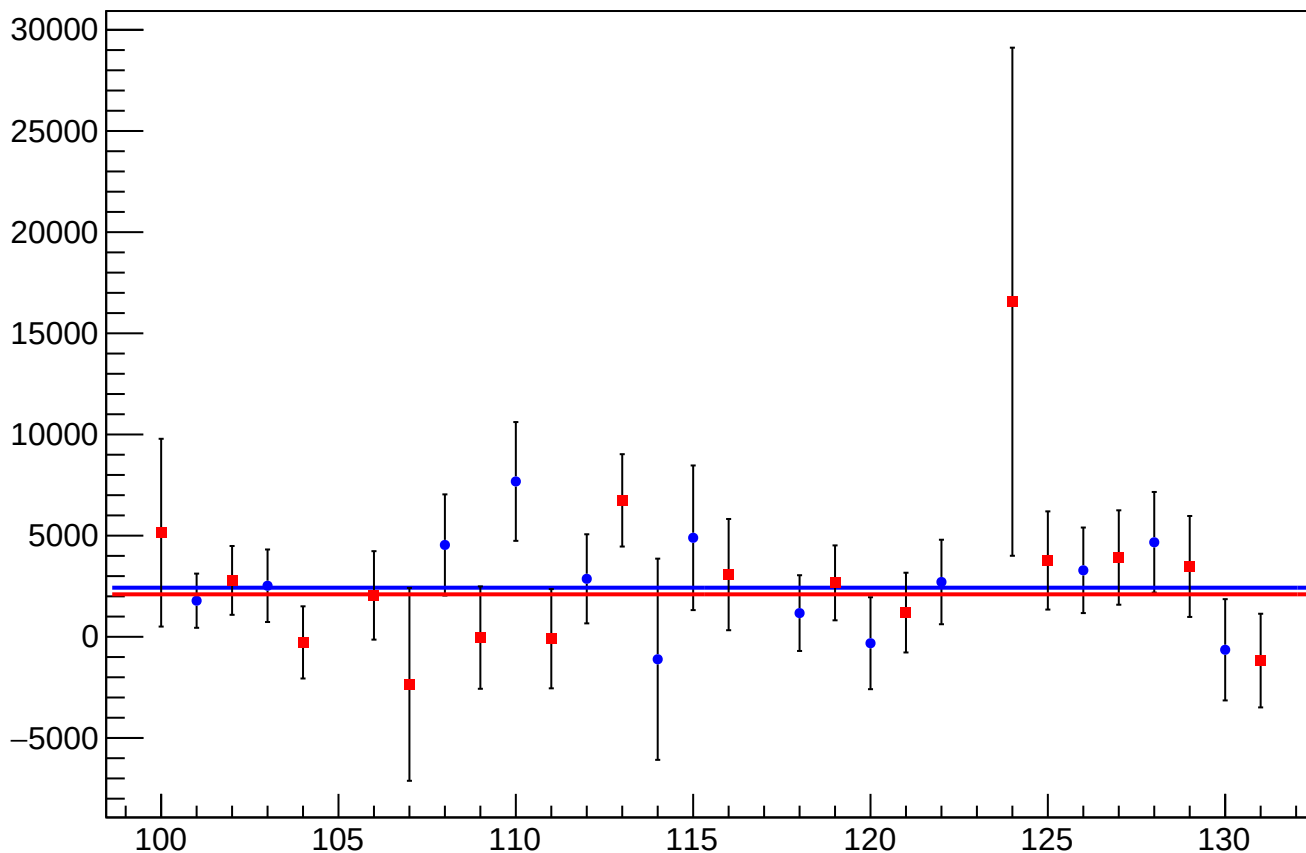
Right: 379.337+/-0.078 χ^2/NDF : 100381.8/28

In: 378.799+/-0.114 χ^2/NDF : 767.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.337+/-0.078 χ^2/NDF : 100381.8/28

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

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

Right Out: 2099.617+/-591.015 χ^2/NDF : 14.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

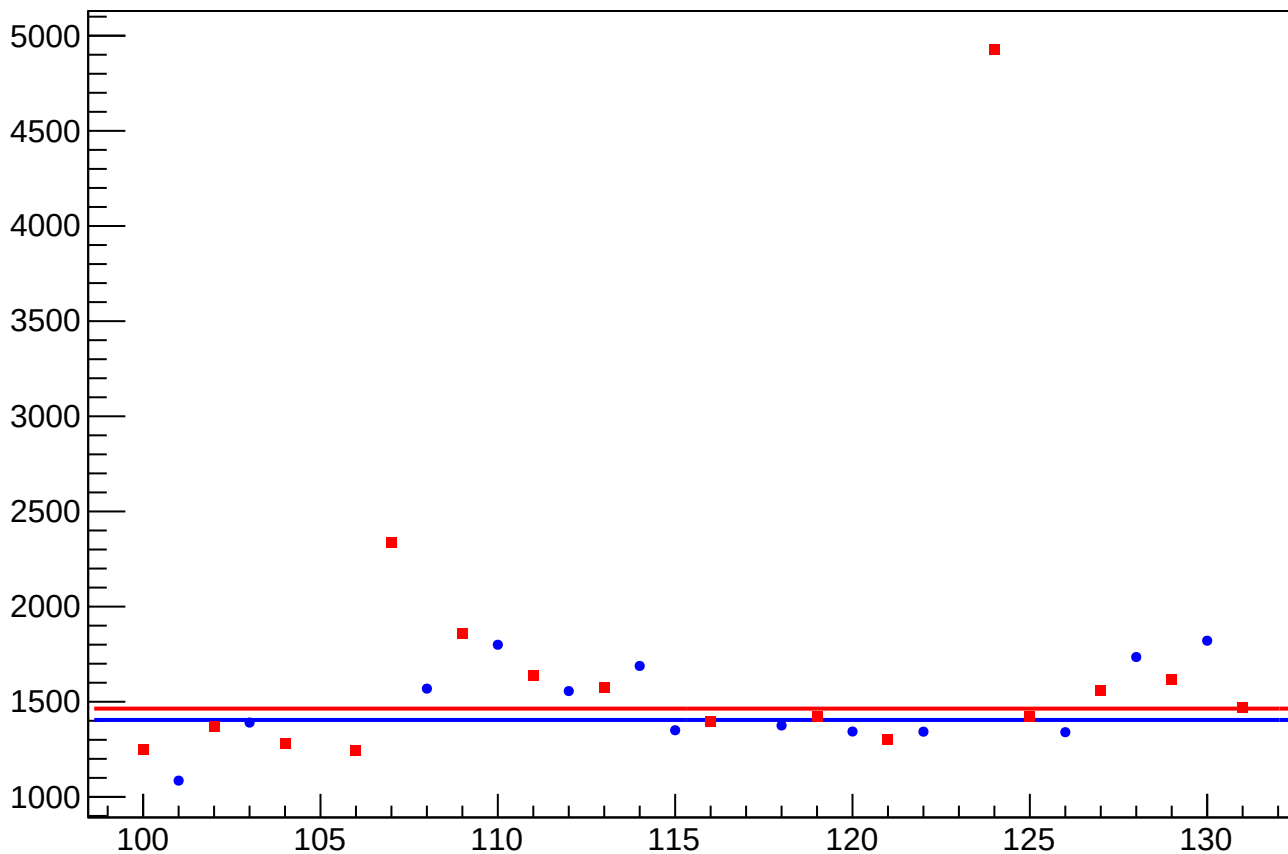
Right: 2259.375+/-423.099 χ^2/NDF : 23.8/28

In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.375+/-423.099 χ^2/NDF : 23.8/28

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1404.433+/-0.428 χ^2/NDF : 271034.6/12

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

Right Out: 1463.951+/-0.418 χ^2/NDF : 362281.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

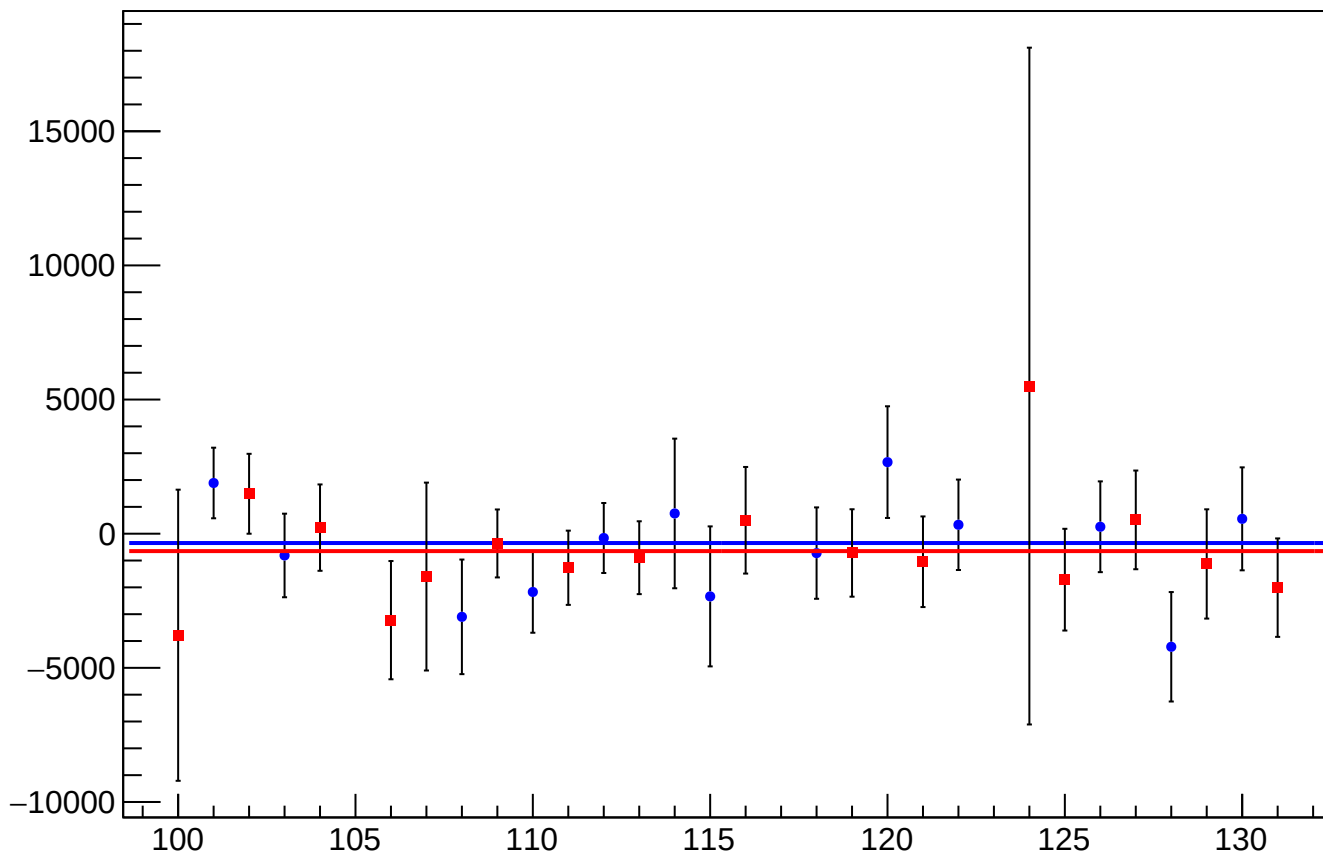
Right: 1434.935+/-0.299 χ^2/NDF : 643204.1/28

In: 1404.433+/-0.428 χ^2/NDF :271034.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1434.935+/-0.299 χ^2/NDF : 643204.1/28

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -347.537+/-482.561 χ^2/NDF : 13.1/12

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

Right Out: -648.745+/-449.669 χ^2/NDF : 6.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

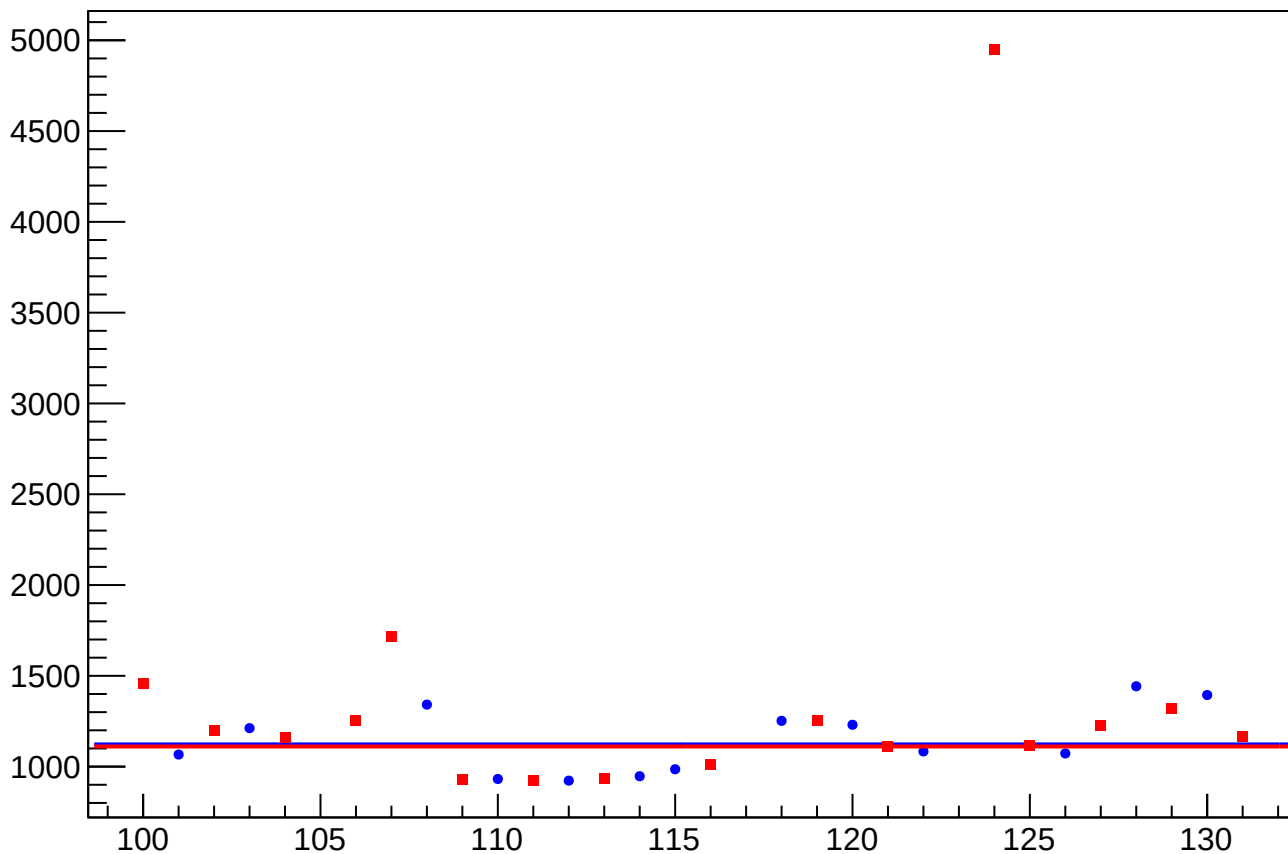
Right: -508.755+/-328.978 χ^2/NDF : 19.7/28

In: -347.537+/-482.561 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.755+/-328.978 χ^2/NDF : 19.7/28

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

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

Right Out: 1110.984+/-0.318 χ^2/NDF : 434041.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

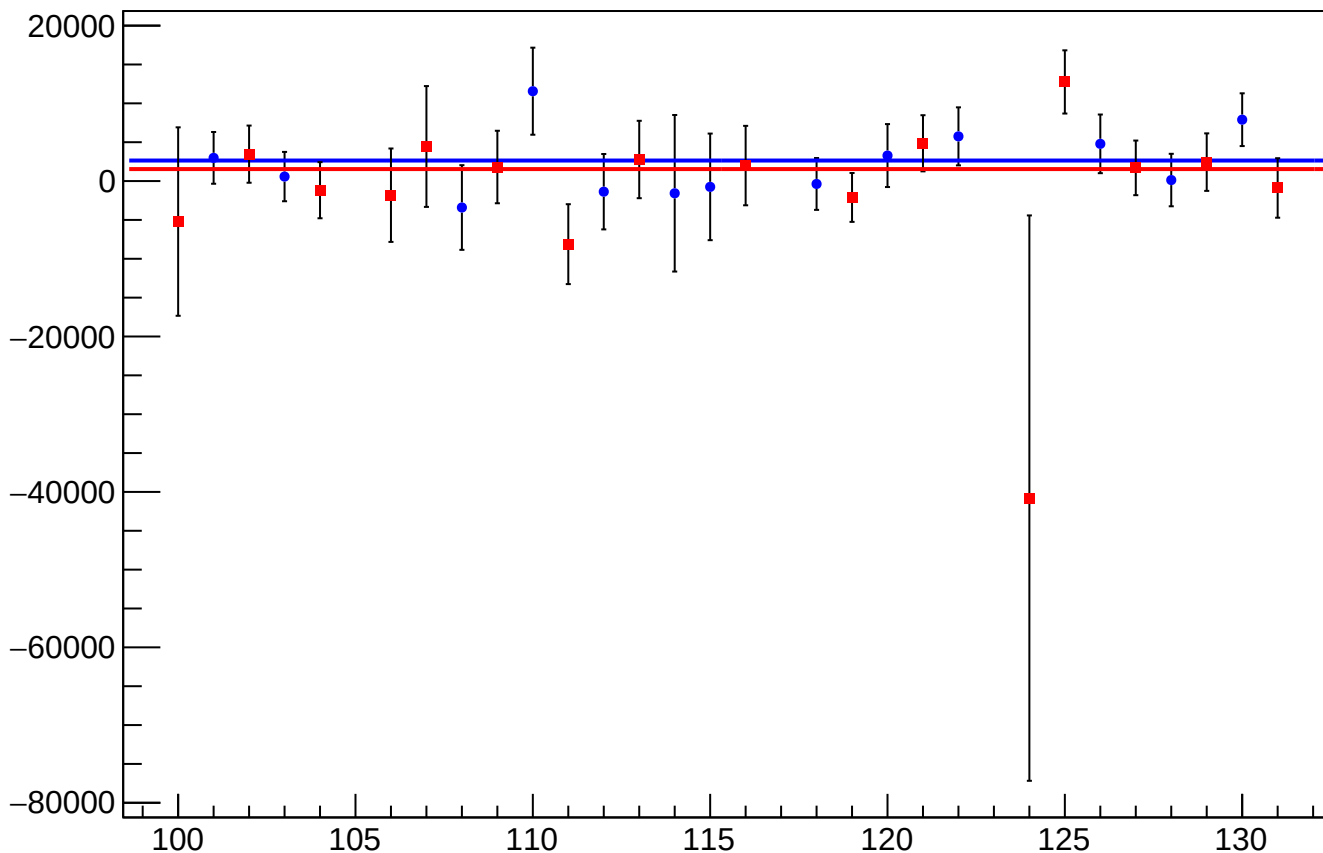
Right: 1116.250+/-0.233 χ^2/NDF : 666713.9/28

In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.250+/-0.233 χ^2/NDF : 666713.9/28

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2642.486+/-1120.898 χ^2/NDF : 10.1/12

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

Right Out: 1541.919+/-1100.762 χ^2/NDF : 16.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

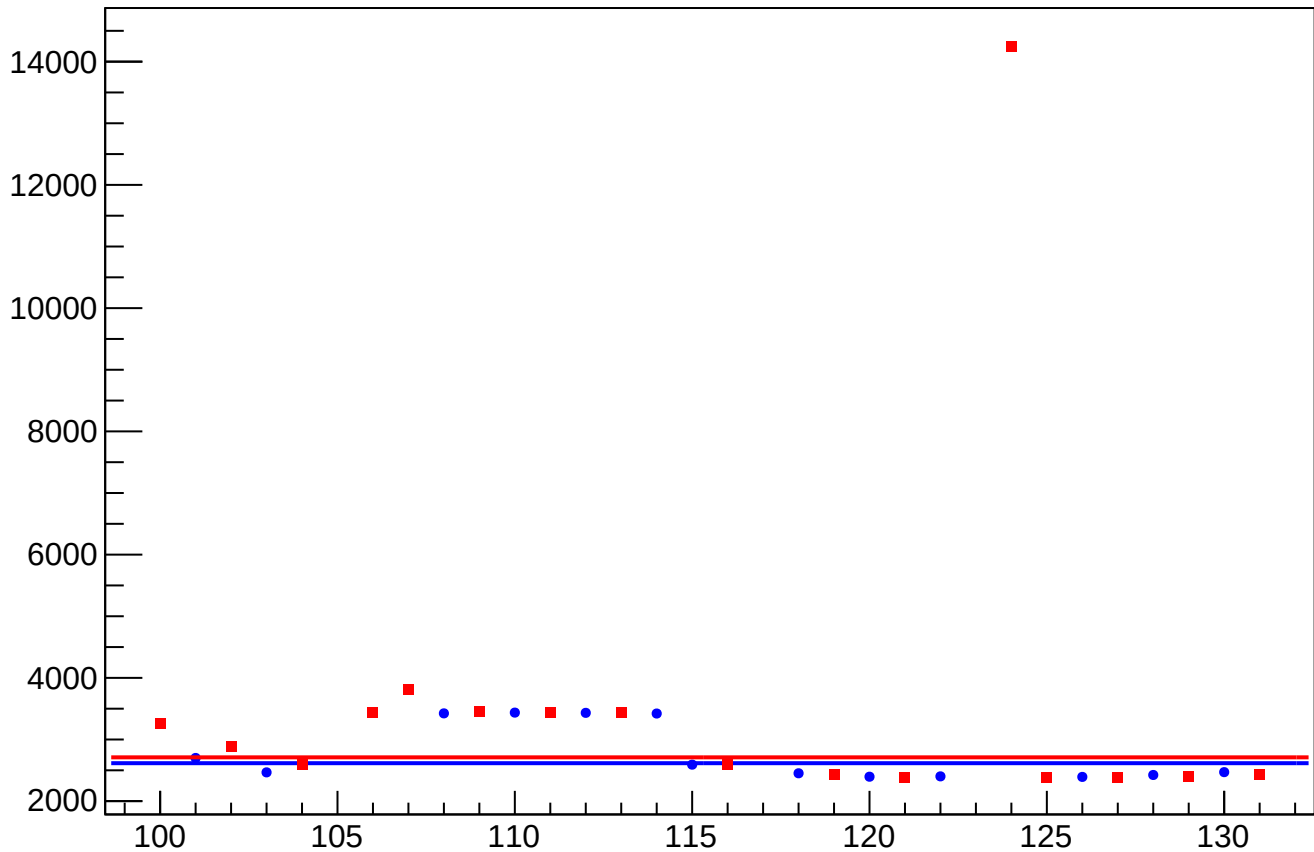
Right: 2082.228+/-785.378 χ^2/NDF : 27.4/28

In: 2642.486+/-1120.898 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2082.228+/-785.378 χ^2/NDF : 27.4/28

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2710.379+/-0.778 χ^2/NDF : 501863.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

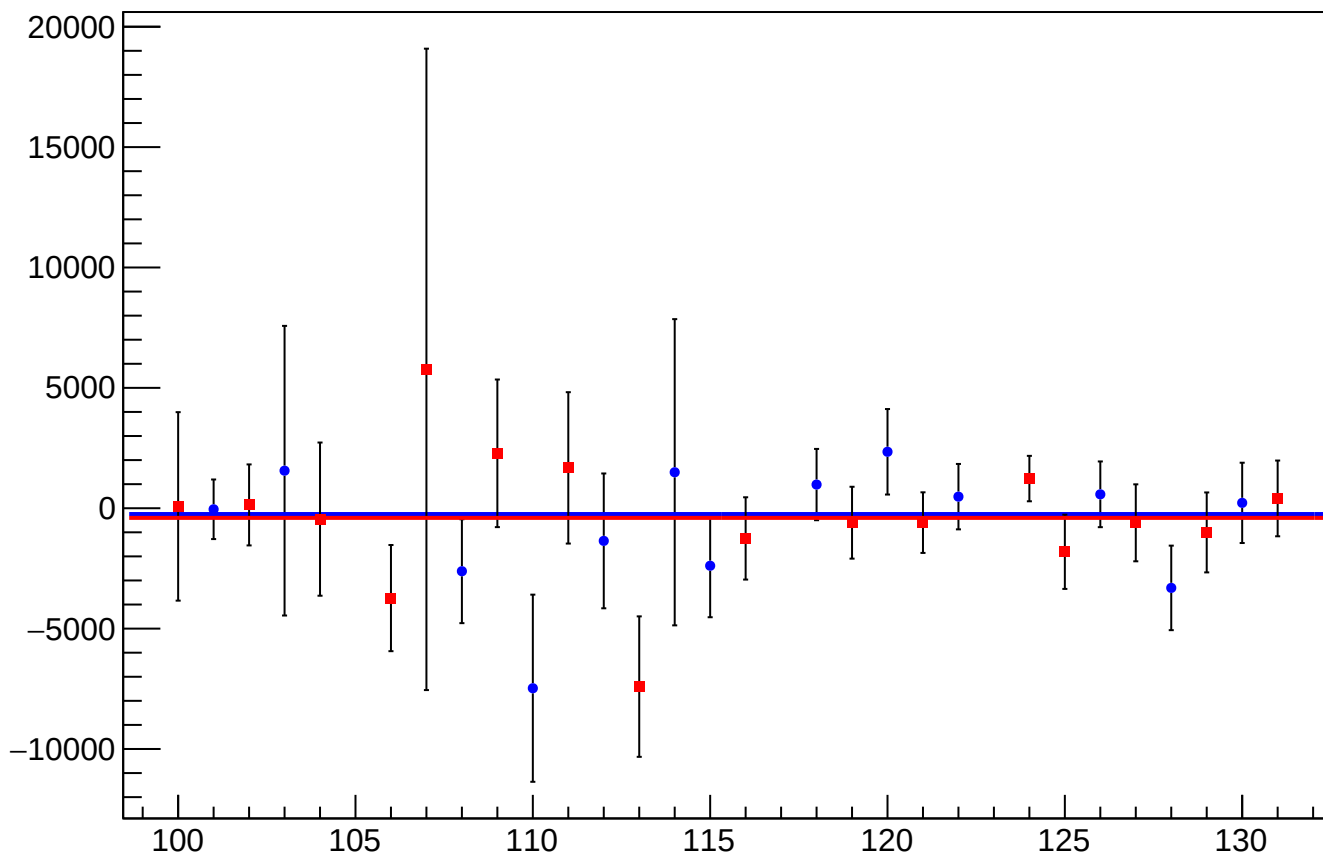
Right: 2663.848+/-0.555 χ^2/NDF : 705691.2/28

In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2663.848+/-0.555 χ^2/NDF : 705691.2/28

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -240.559+/-508.418 χ^2/NDF : 12.6/12

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

Right Out: -400.600+/-439.445 χ^2/NDF : 14.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

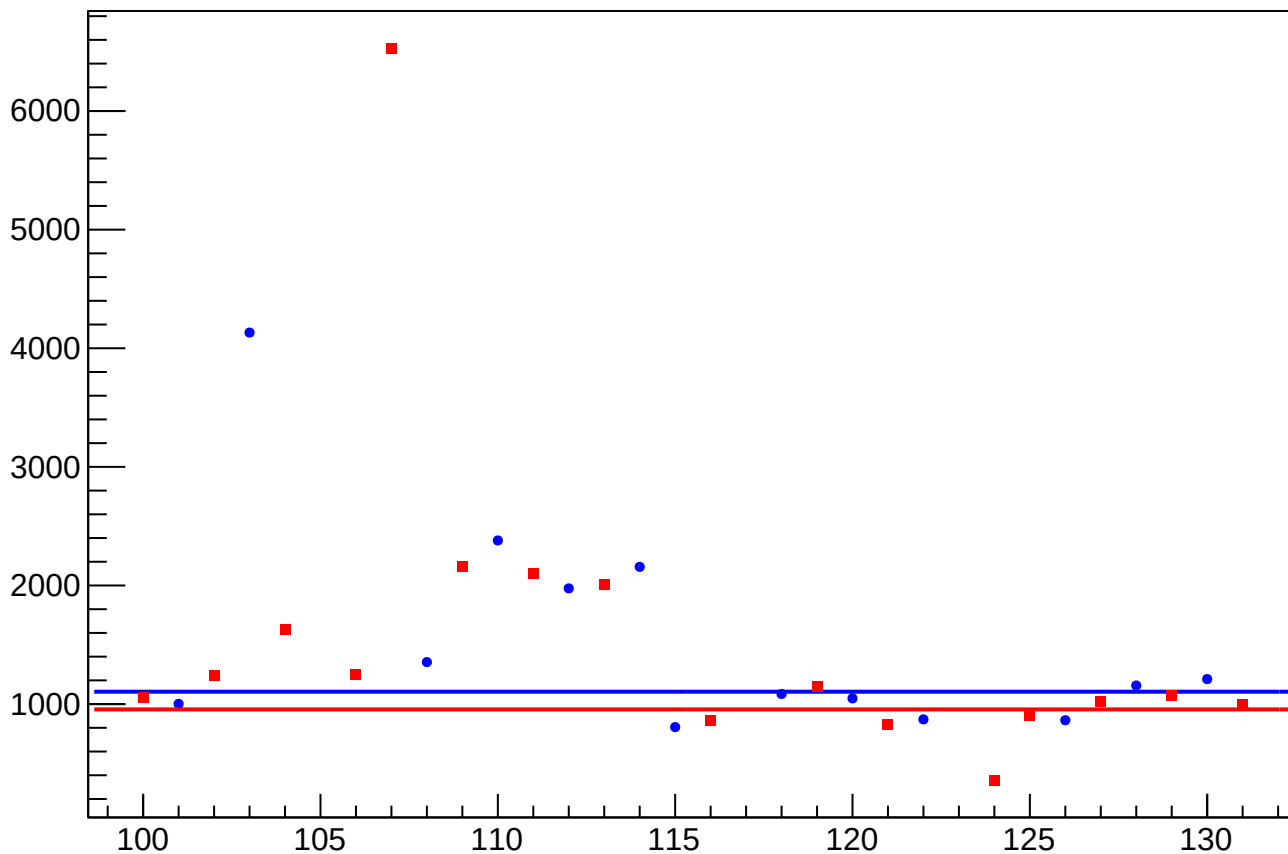
Right: -332.164+/-332.467 χ^2/NDF : 26.8/28

In: -240.559+/-508.418 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -332.164+/-332.467 χ^2/NDF : 26.8/28

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1104.417+/-0.360 χ^2/NDF : 1183042.0/12

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

Right Out: 955.132+/-0.311 χ^2/NDF : 2259270.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

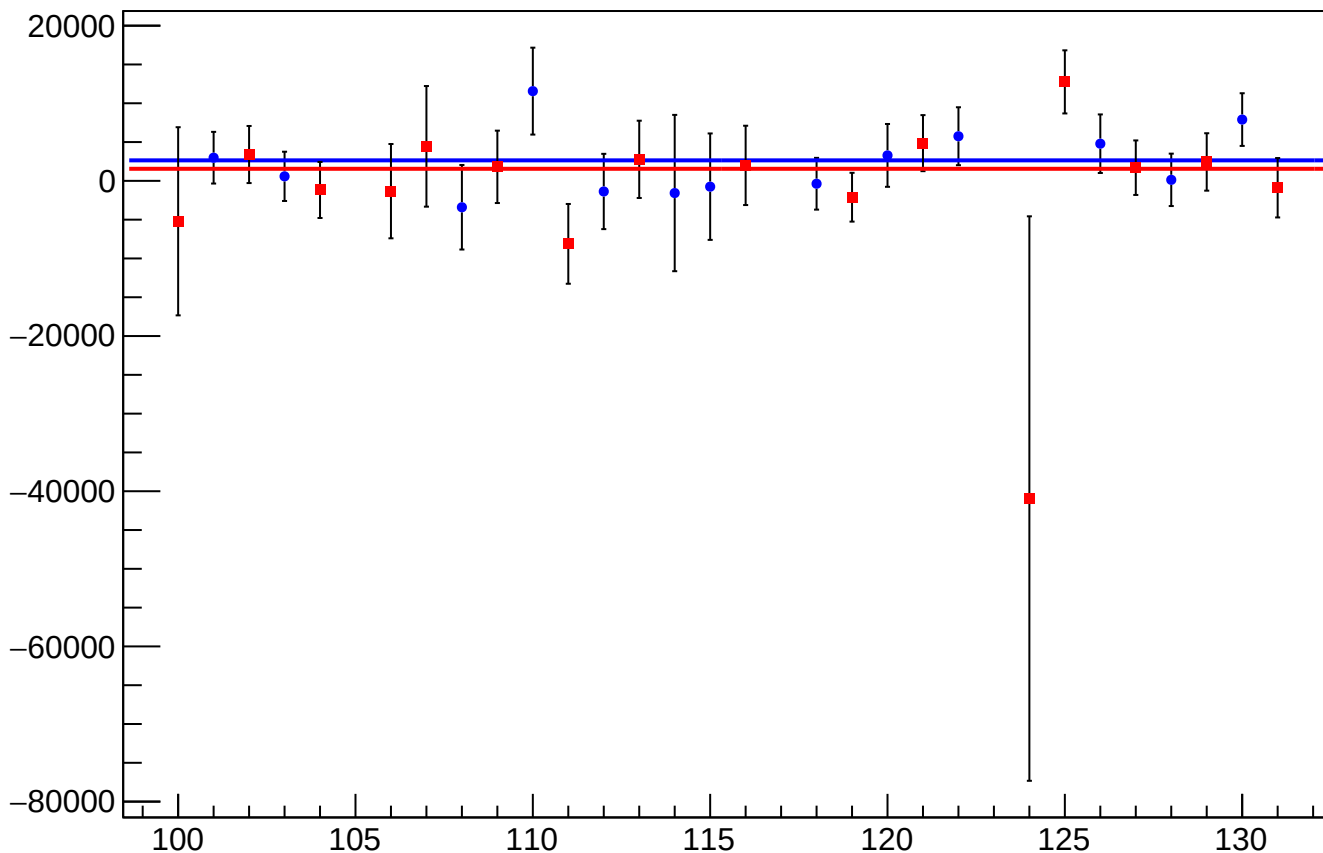
Right: 1018.969+/-0.235 χ^2/NDF : 3541011.0/28

In: 1104.417+/-0.360 χ^2/NDF : 1183042.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.969+/-0.235 χ^2/NDF : 3541011.0/28

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2643.020+/-1120.898 χ^2/NDF : 10.1/12

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

Right Out: 1554.078+/-1101.181 χ^2/NDF : 16.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

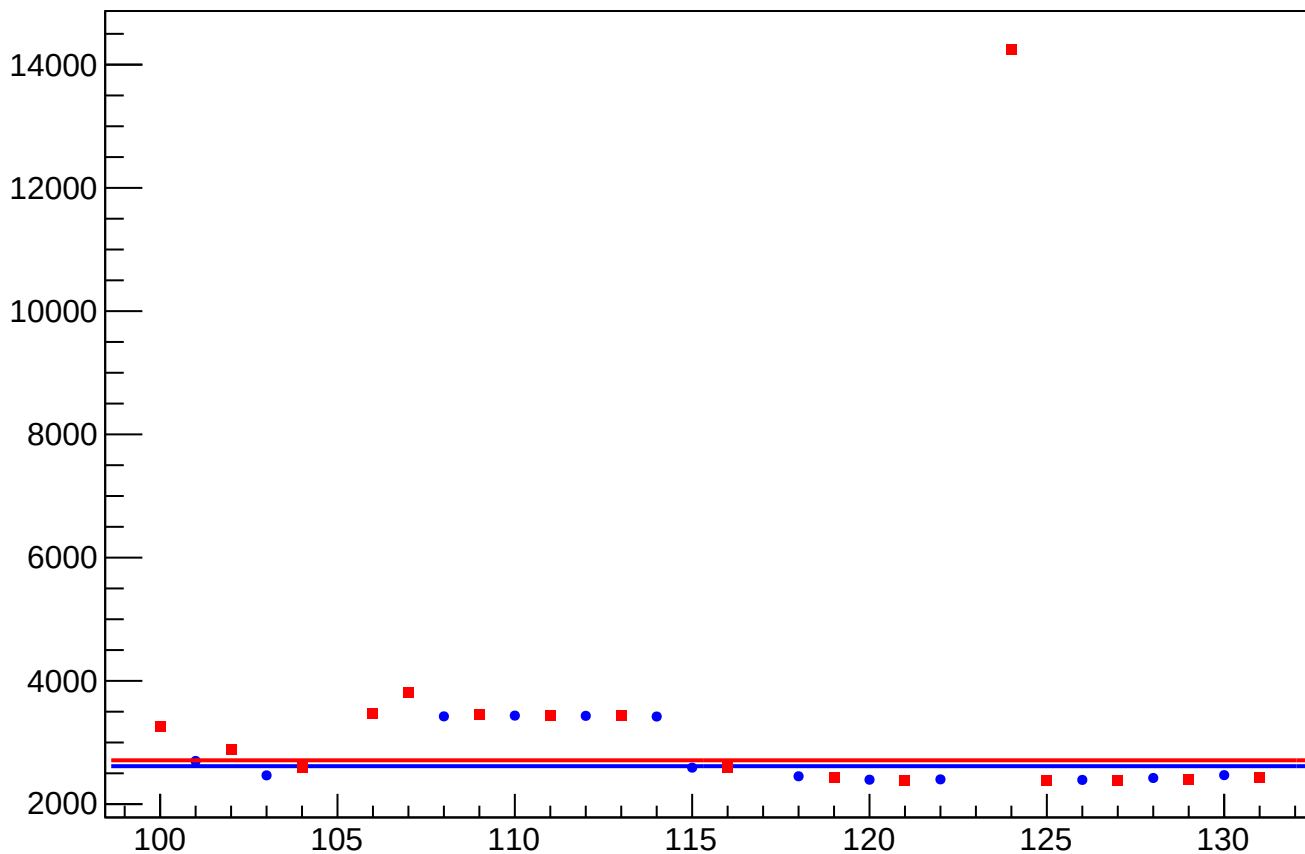
Right: 2088.887+/-785.531 χ^2/NDF : 27.3/28

In: 2643.020+/-1120.898 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.887+/-785.531 χ^2/NDF : 27.3/28

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2711.123+/-0.779 χ^2/NDF : 504291.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

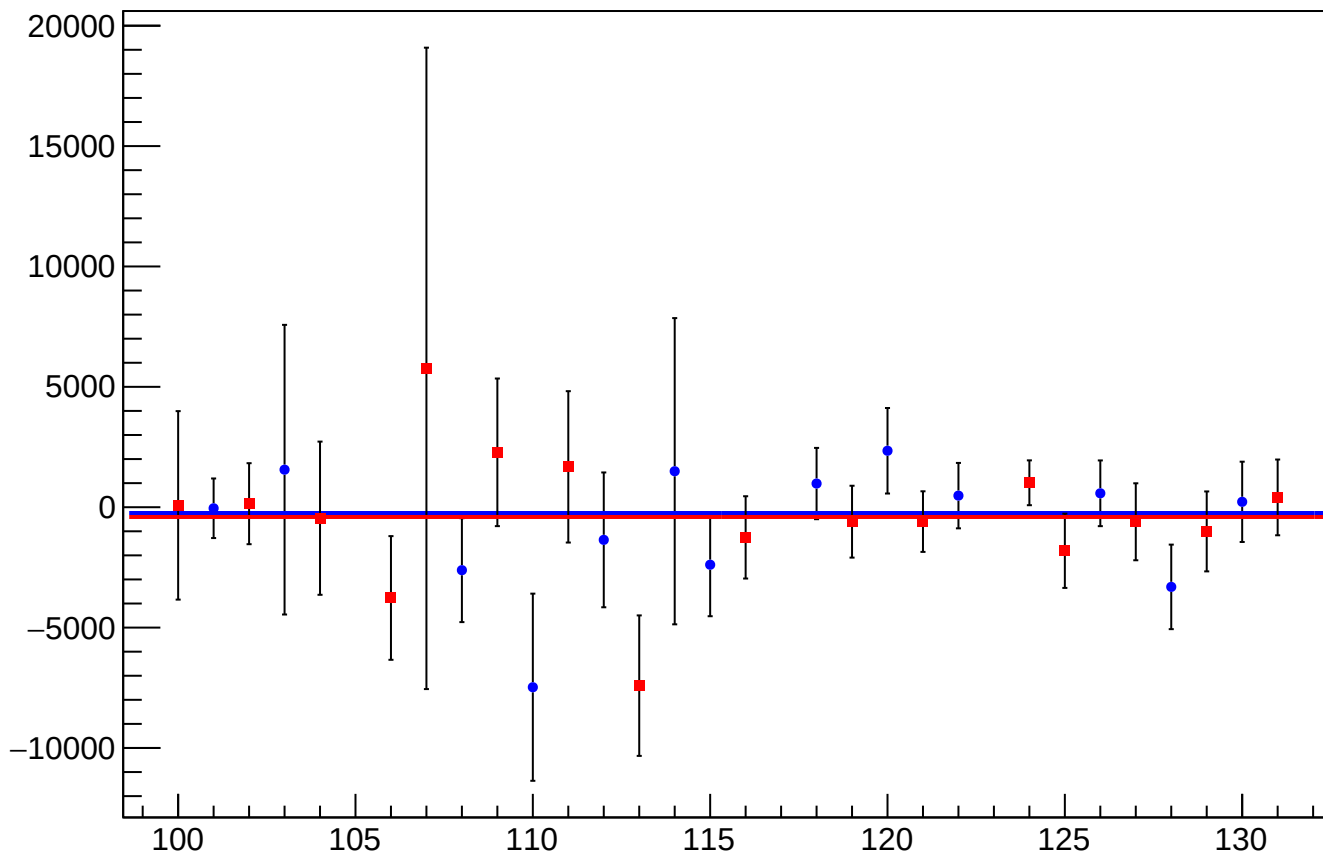
Right: 2664.209+/-0.555 χ^2/NDF : 708230.8/28

In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.209+/-0.555 χ^2/NDF : 708230.8/28

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -240.561+/-508.417 χ^2/NDF : 12.6/12

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

Right Out: -405.362+/-440.476 χ^2/NDF : 12.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

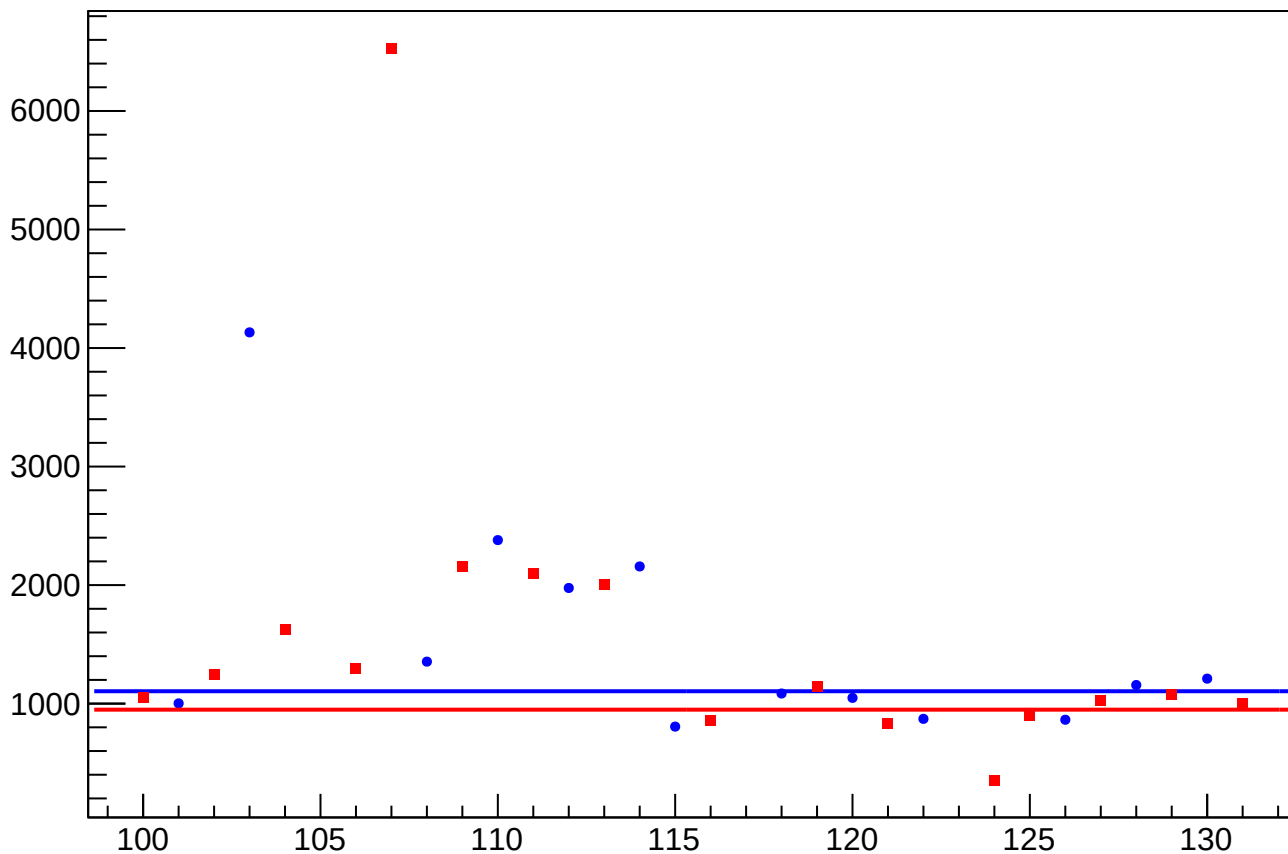
Right: -334.701+/-332.912 χ^2/NDF : 25.6/28

In: -240.561+/-508.417 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.701+/-332.912 χ^2/NDF : 25.6/28

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

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

Right Out: 948.970+/-0.311 χ^2/NDF : 2293105.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

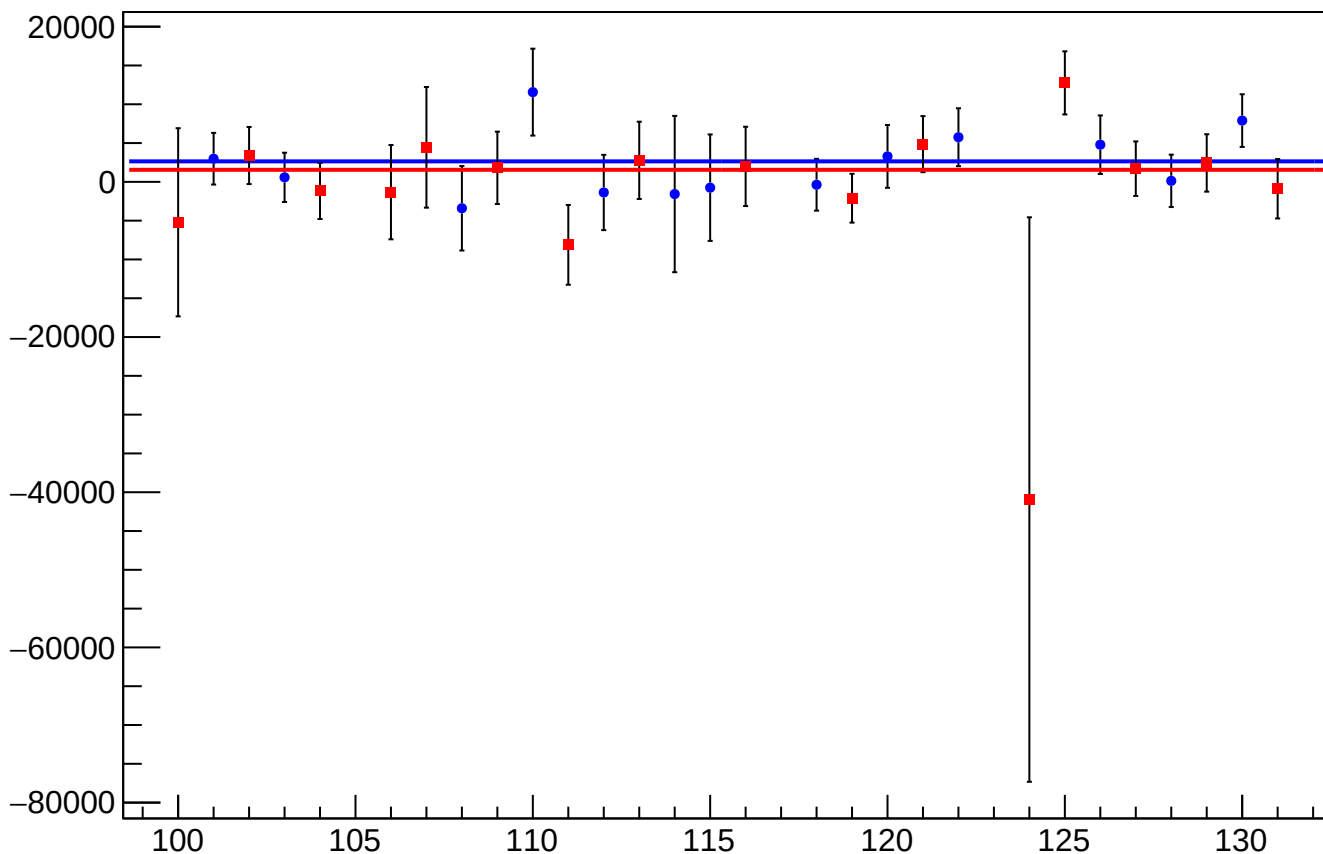
Right: 1015.619+/-0.235 χ^2/NDF : 3582919.2/28

In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.619+/-0.235 χ^2/NDF : 3582919.2/28

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2643.020 $\pm$ 1120.898 χ^2/NDF : 10.1/12

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

Right Out: 1554.078 $\pm$ 1101.181 χ^2/NDF : 16.7/15

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

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

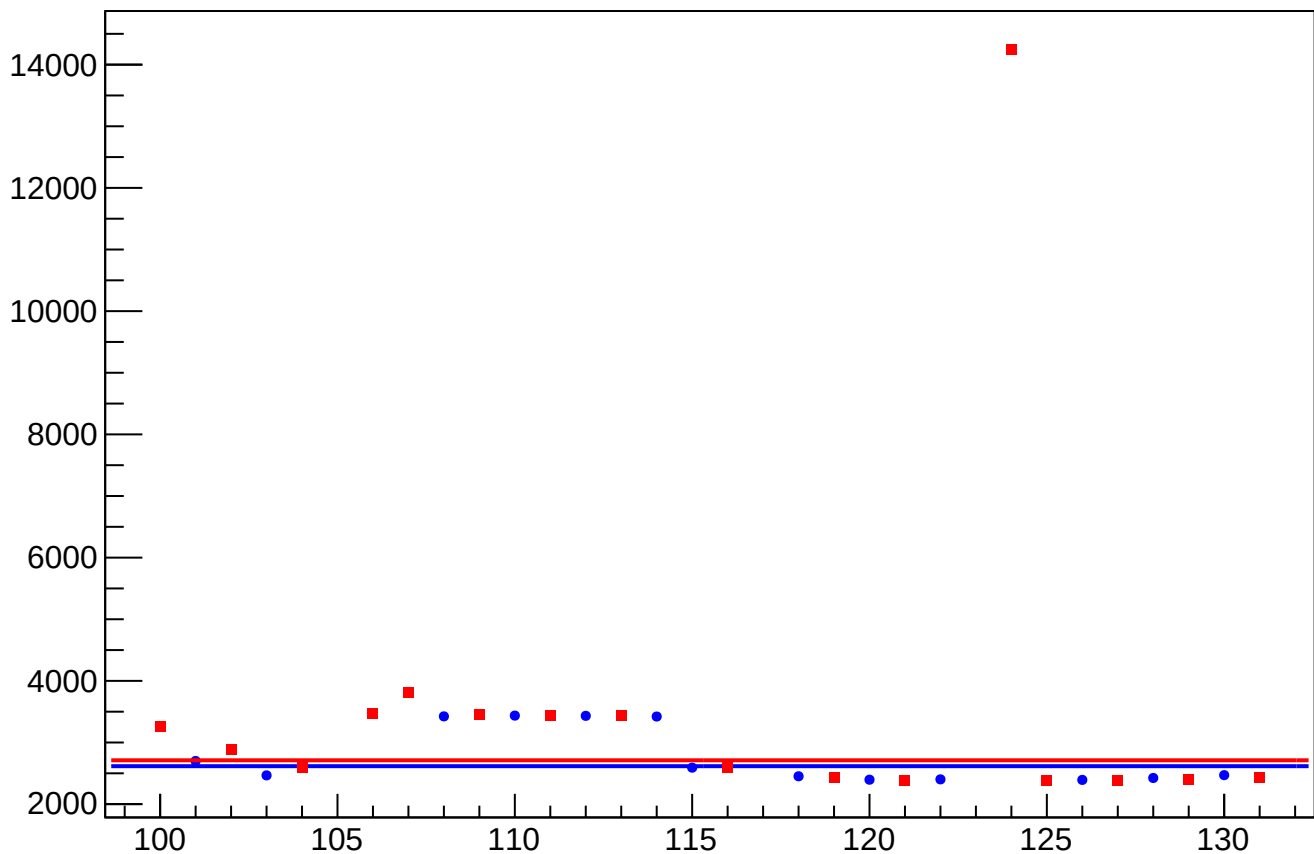
Right: 2088.887 $\pm$ 785.531 χ^2/NDF : 27.3/28

In: 2643.020 $\pm$ 1120.898 χ^2/NDF : 10.1/12

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

All: 2088.887 $\pm$ 785.531 χ^2/NDF : 27.3/28

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2711.123+/-0.779 χ^2/NDF : 504291.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

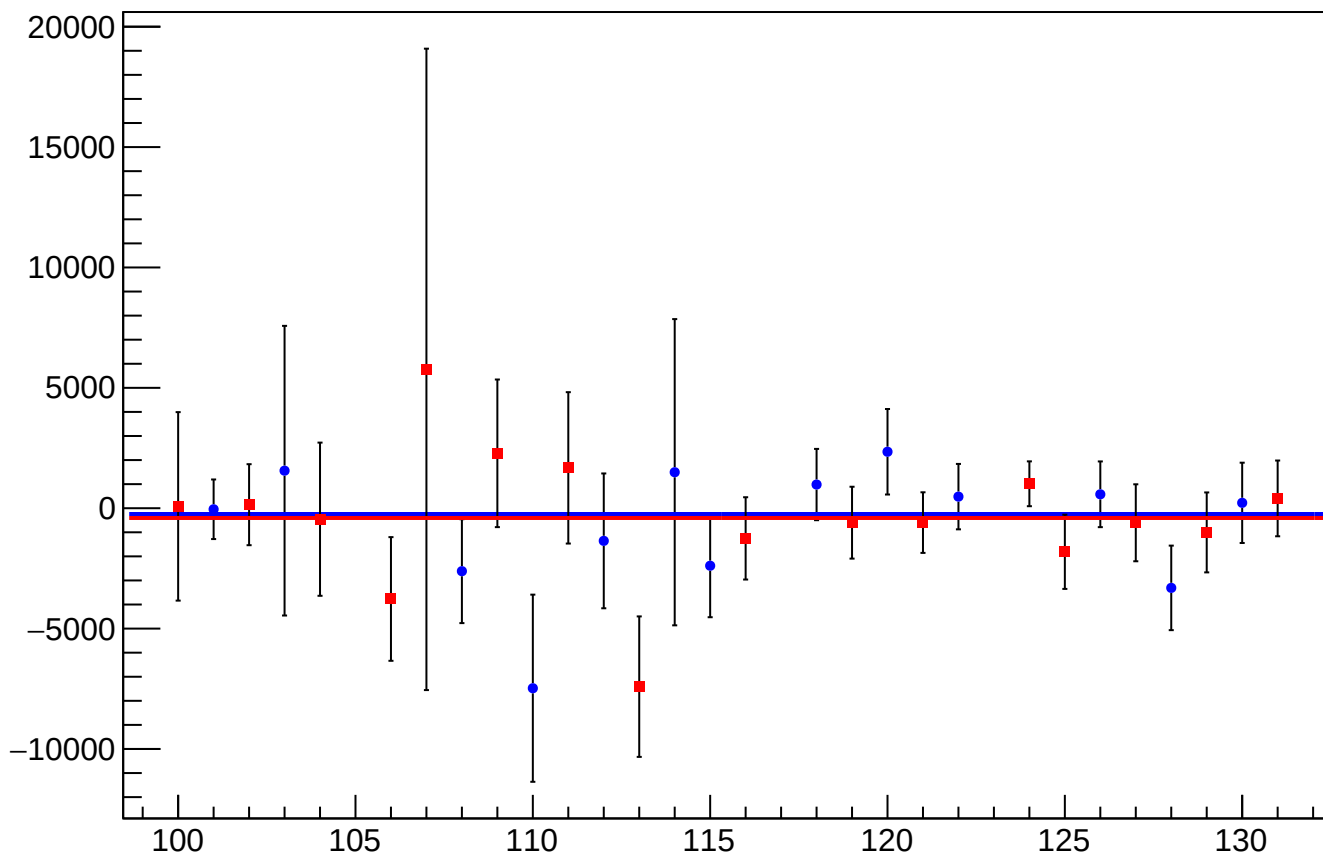
Right: 2664.209+/-0.555 χ^2/NDF : 708230.8/28

In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.209+/-0.555 χ^2/NDF : 708230.8/28

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -240.561+/-508.417 χ^2/NDF : 12.6/12

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

Right Out: -405.362+/-440.476 χ^2/NDF : 12.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

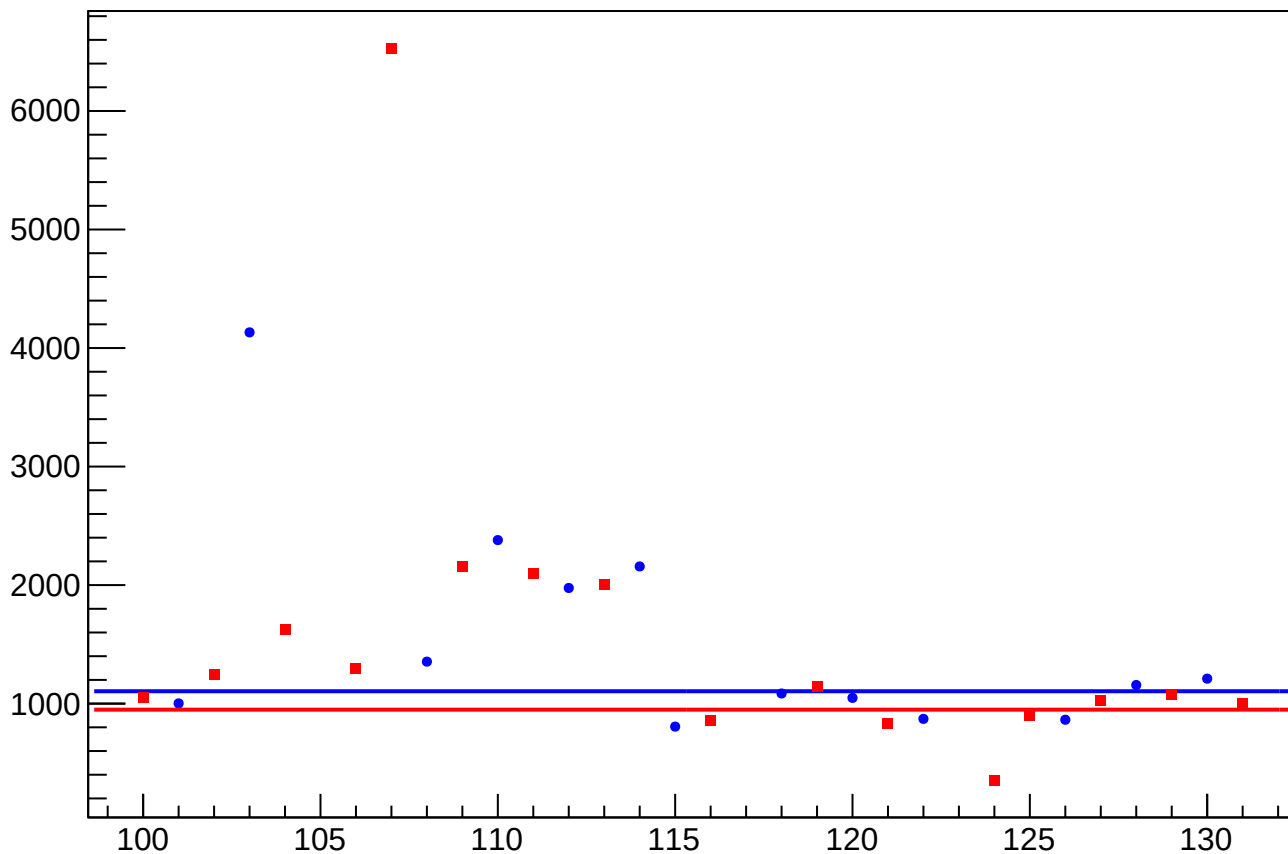
Right: -334.701+/-332.912 χ^2/NDF : 25.6/28

In: -240.561+/-508.417 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.701+/-332.912 χ^2/NDF : 25.6/28

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

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

Right Out: 948.970+/-0.311 χ^2/NDF : 2293105.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

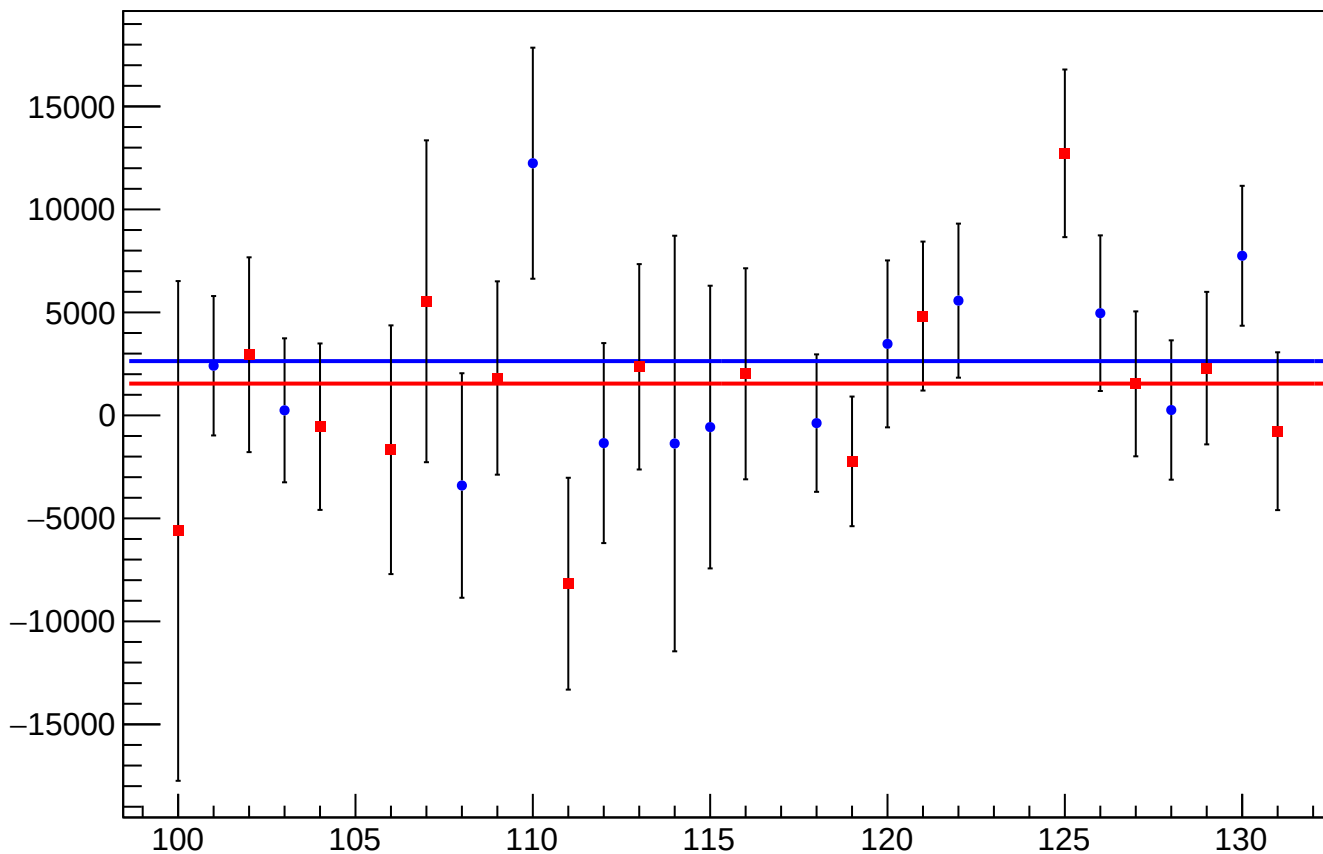
Right: 1015.619+/-0.235 χ^2/NDF : 3582919.2/28

In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.619+/-0.235 χ^2/NDF : 3582919.2/28

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2635.510+/-1136.369 χ^2/NDF : 10.3/12

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

Right Out: 1543.711+/-1133.845 χ^2/NDF : 15.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

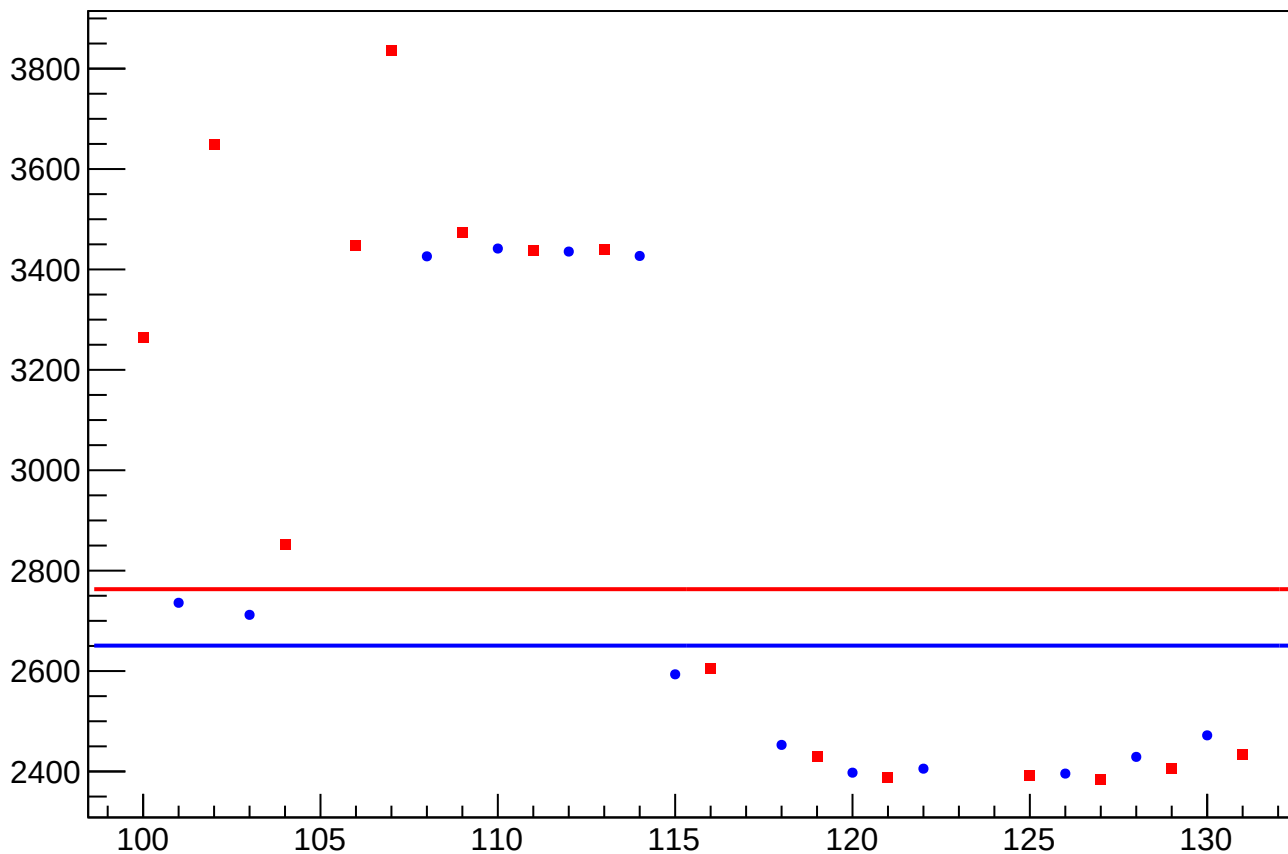
Right: 2088.397+/-802.640 χ^2/NDF : 25.8/27

In: 2635.510+/-1136.369 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.397+/-802.640 χ^2/NDF : 25.8/27

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2650.677+/-0.804 χ^2/NDF : 193035.0/12

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

Right Out: 2763.096+/-0.802 χ^2/NDF : 374114.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

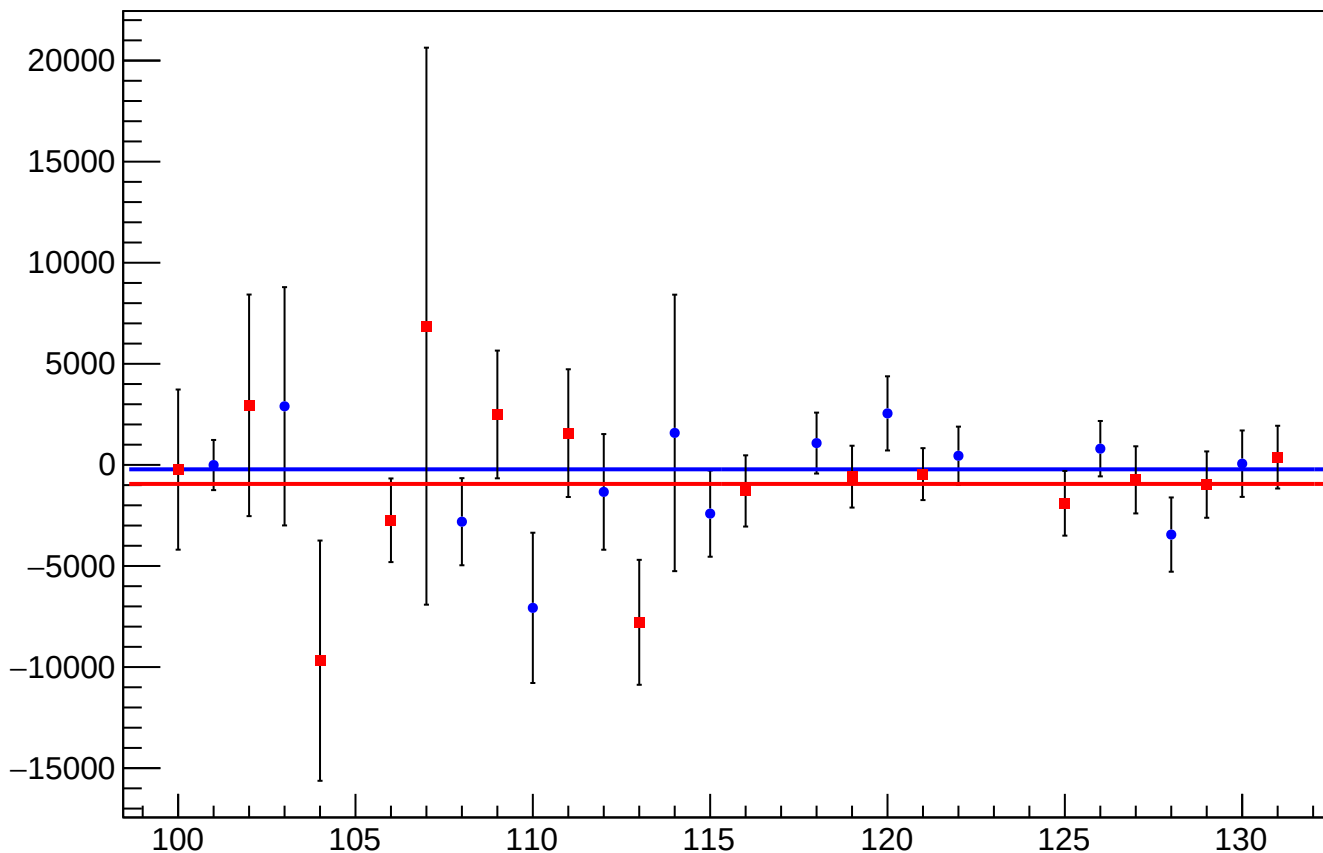
Right: 2707.011+/-0.568 χ^2/NDF : 576957.7/27

In: 2650.677+/-0.804 χ^2/NDF : 193035.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2707.011+/-0.568 χ^2/NDF : 576957.7/27

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -218.948+/-516.541 χ^2/NDF : 13.3/12

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

Right Out: -941.369+/-529.638 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

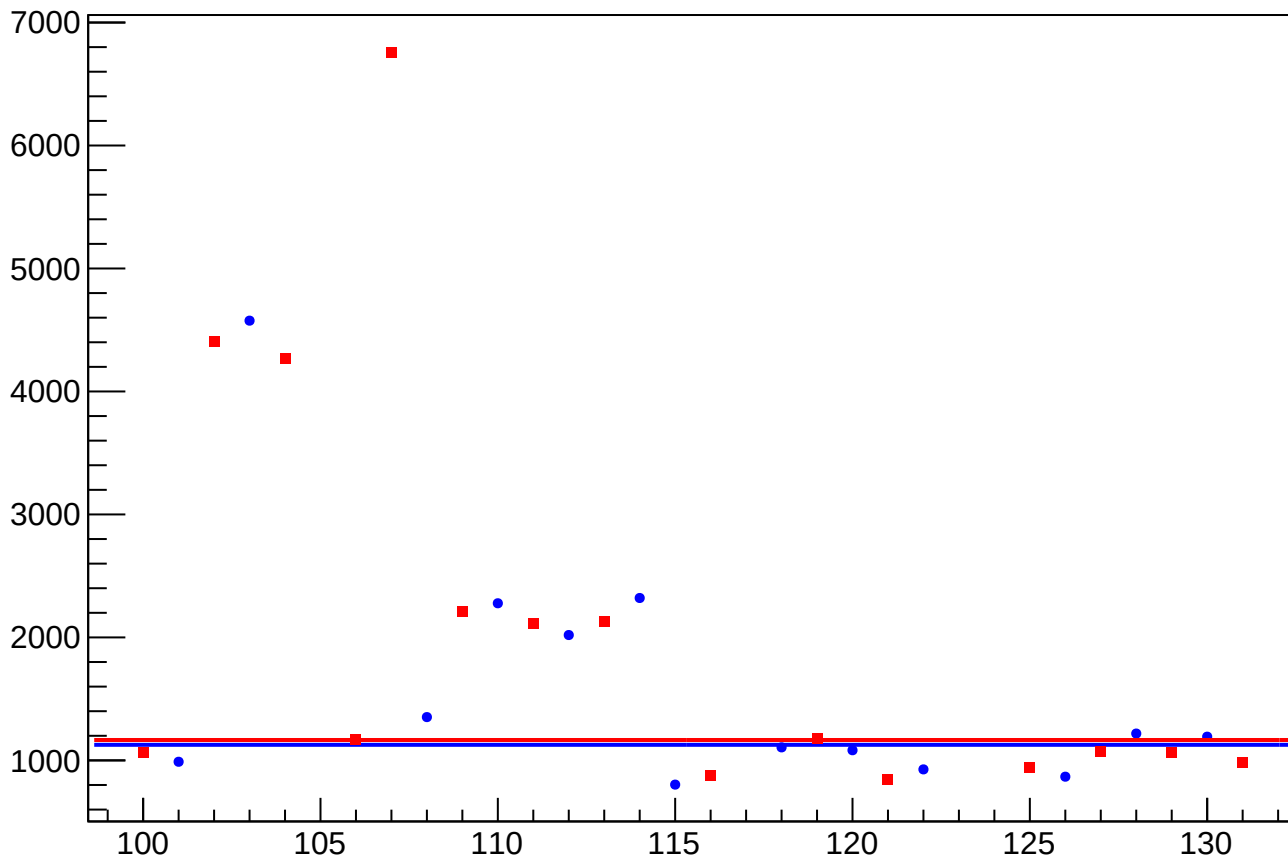
Right: -571.116+/-369.793 χ^2/NDF : 26.1/27

In: -218.948+/-516.541 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -571.116+/-369.793 χ^2/NDF : 26.1/27

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1126.739 $\pm$ 0.365 χ^2 /NDF: 1344869.9/12

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

Right Out: 1165.887 $\pm$ 0.375 χ^2 /NDF: 2420577.0/14

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

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

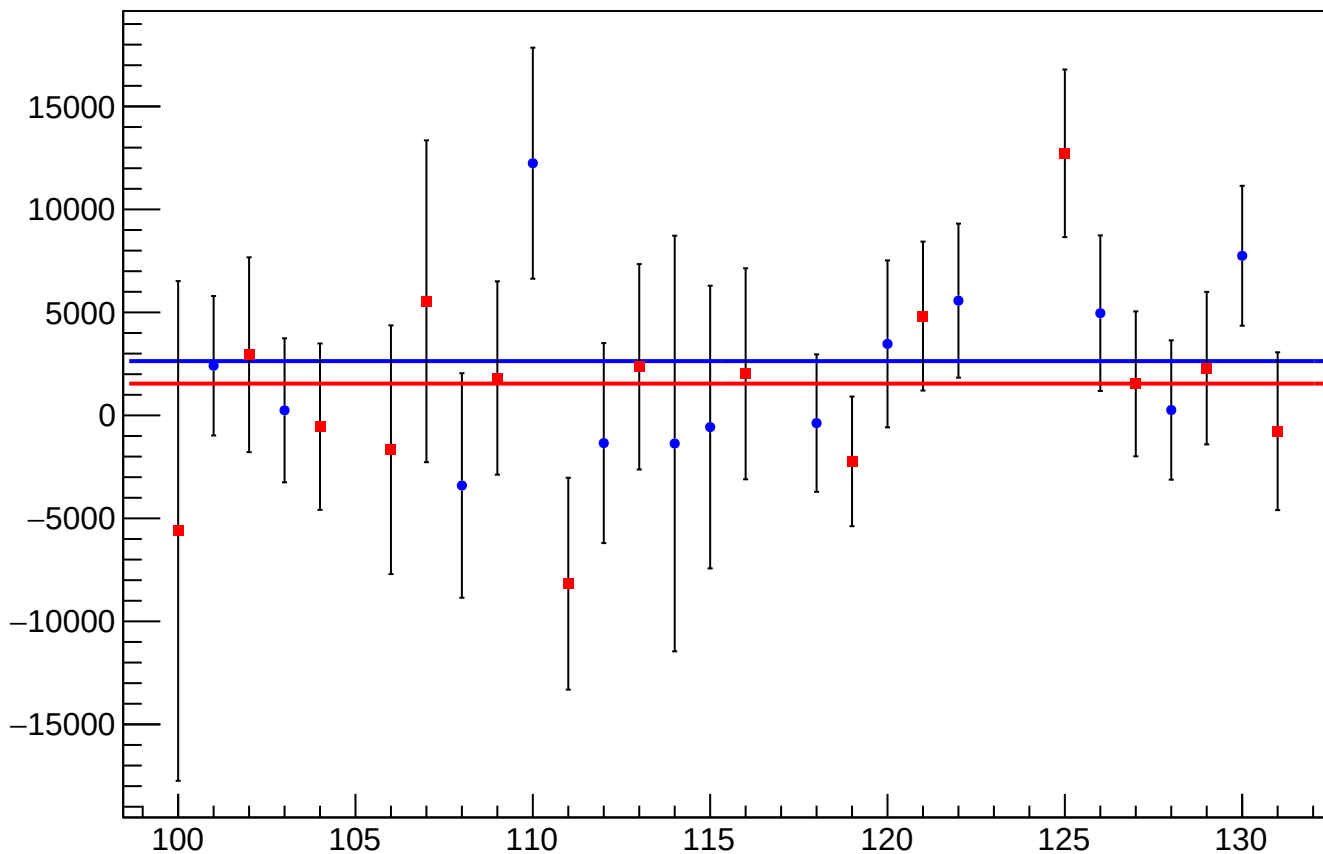
Right: 1145.823 $\pm$ 0.261 χ^2 /NDF: 3771047.0/27

In: 1126.739 $\pm$ 0.365 χ^2 /NDF:1344869.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1145.823 $\pm$ 0.261 χ^2 /NDF: 3771047.0/27

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2635.506+/-1136.368 χ^2/NDF : 10.3/12

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

Right Out: 1543.709+/-1133.845 χ^2/NDF : 15.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

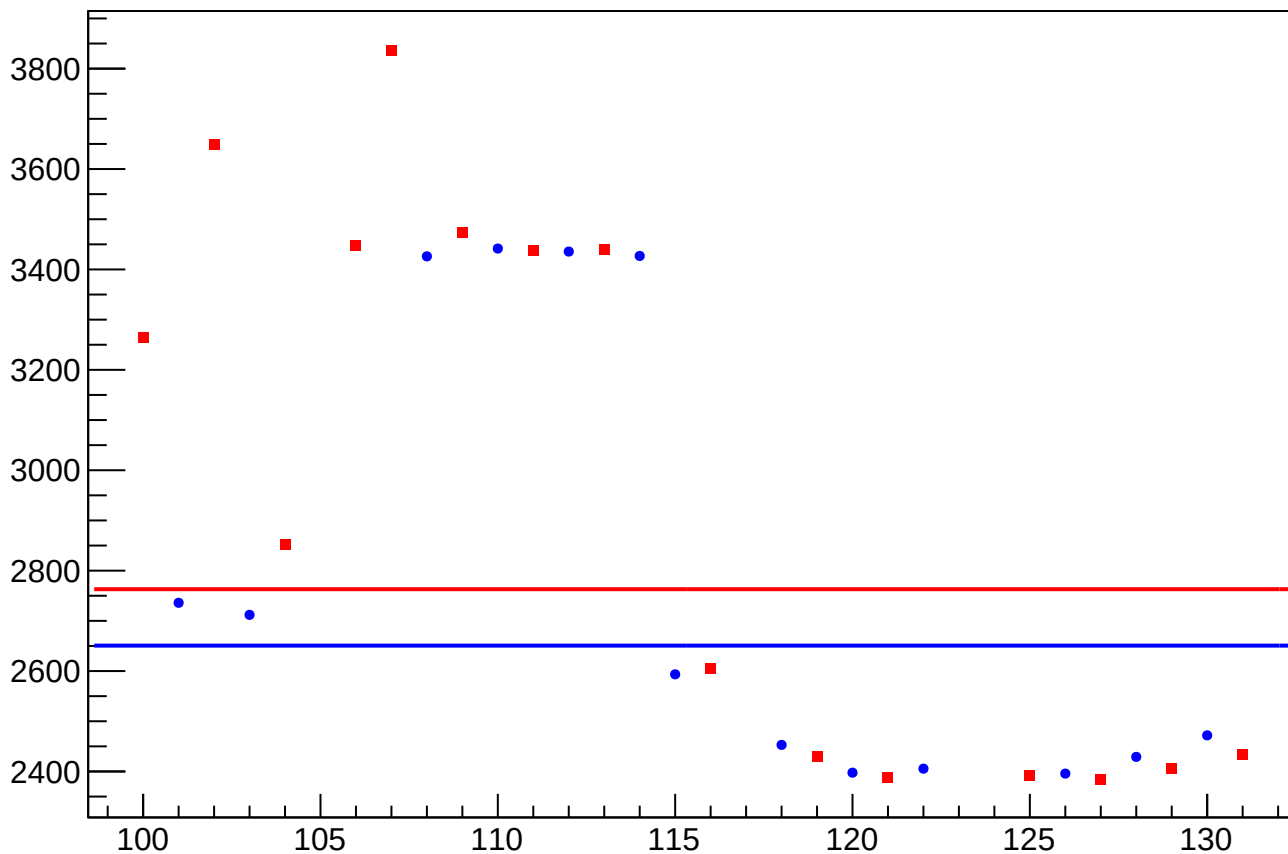
Right: 2088.394+/-802.640 χ^2/NDF : 25.8/27

In: 2635.506+/-1136.368 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.394+/-802.640 χ^2/NDF : 25.8/27

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2650.676+/-0.804 χ^2/NDF : 193034.9/12

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

Right Out: 2763.095+/-0.802 χ^2/NDF : 374113.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

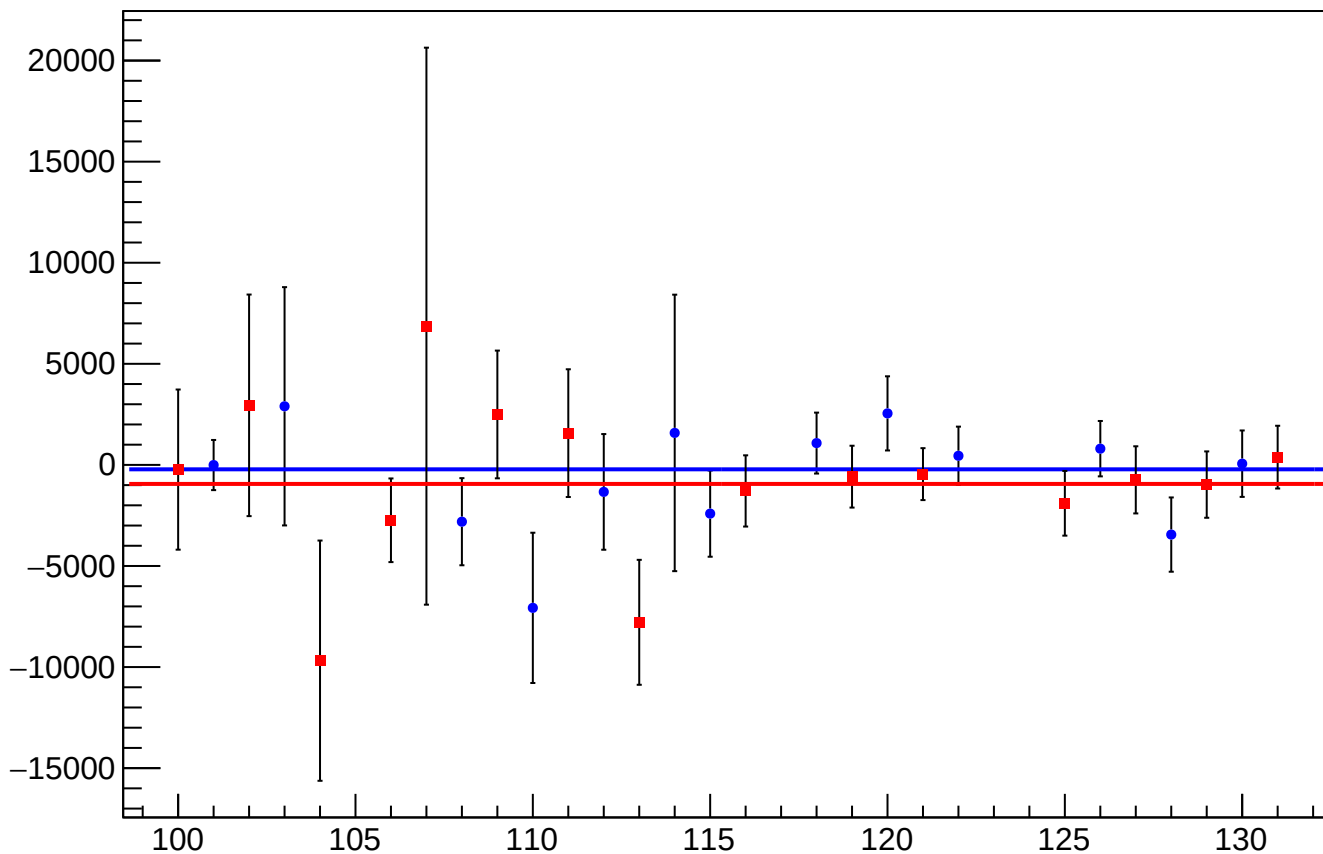
Right: 2707.011+/-0.568 χ^2/NDF : 576957.1/27

In: 2650.676+/-0.804 χ^2/NDF : 193034.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2707.011+/-0.568 χ^2/NDF : 576957.1/27

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -218.949+/-516.540 χ^2 /NDF: 13.3/12

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

Right Out: -941.368+/-529.638 χ^2 /NDF: 11.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

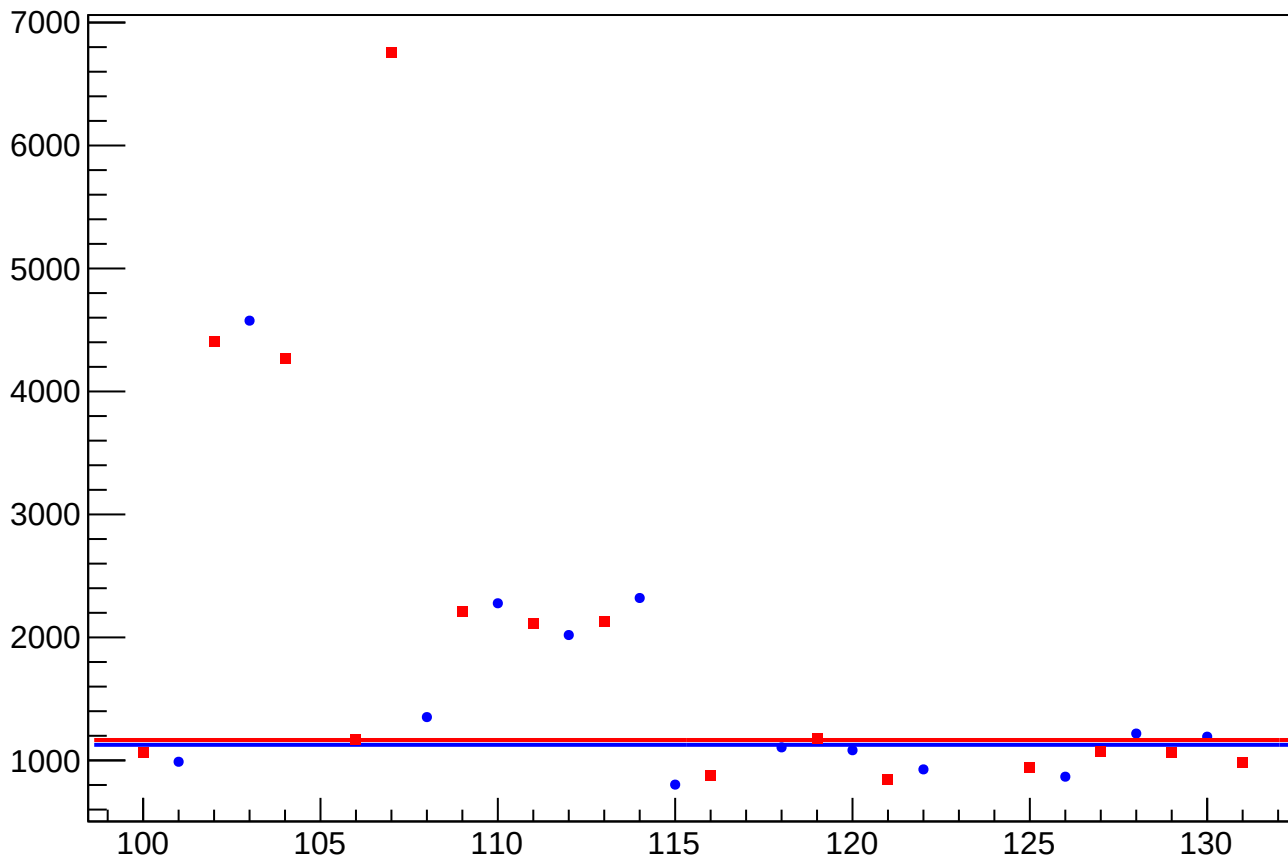
Right: -571.116+/-369.793 χ^2 /NDF: 26.1/27

In: -218.949+/-516.540 χ^2 /NDF:13.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -571.116+/-369.793 χ^2 /NDF: 26.1/27

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1126.738+/-0.365 χ^2/NDF : 1344870.9/12

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

Right Out: 1165.886+/-0.375 χ^2/NDF : 2420579.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

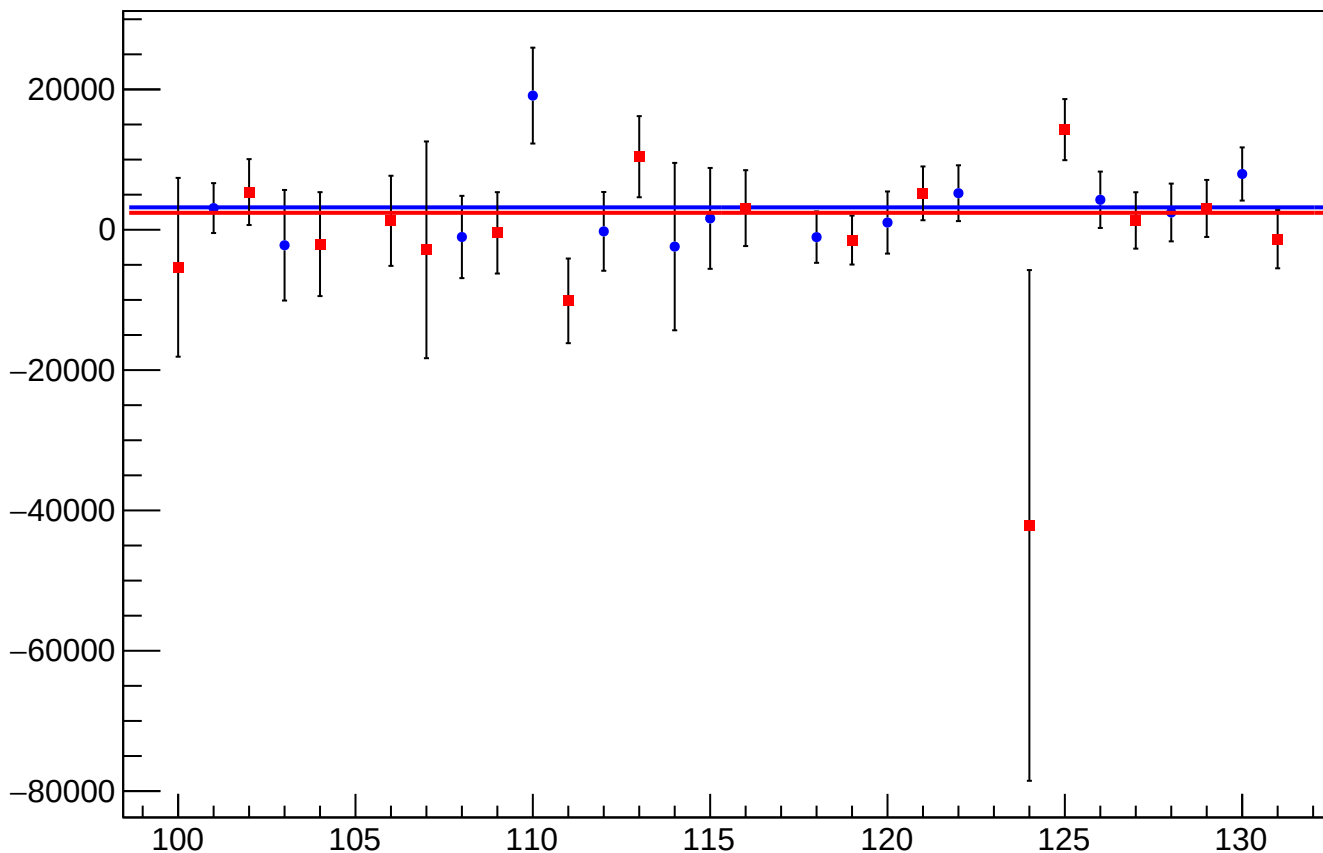
Right: 1145.822+/-0.261 χ^2/NDF : 3771050.3/27

In: 1126.738+/-0.365 χ^2/NDF : 1344870.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1145.822+/-0.261 χ^2/NDF : 3771050.3/27

asym_atl1_mean vs Slug, Sign Corrected



Right In: 3193.785+/-1309.286 χ^2/NDF : 10.6/12

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

Right Out: 2414.540+/-1286.749 χ^2/NDF : 19.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

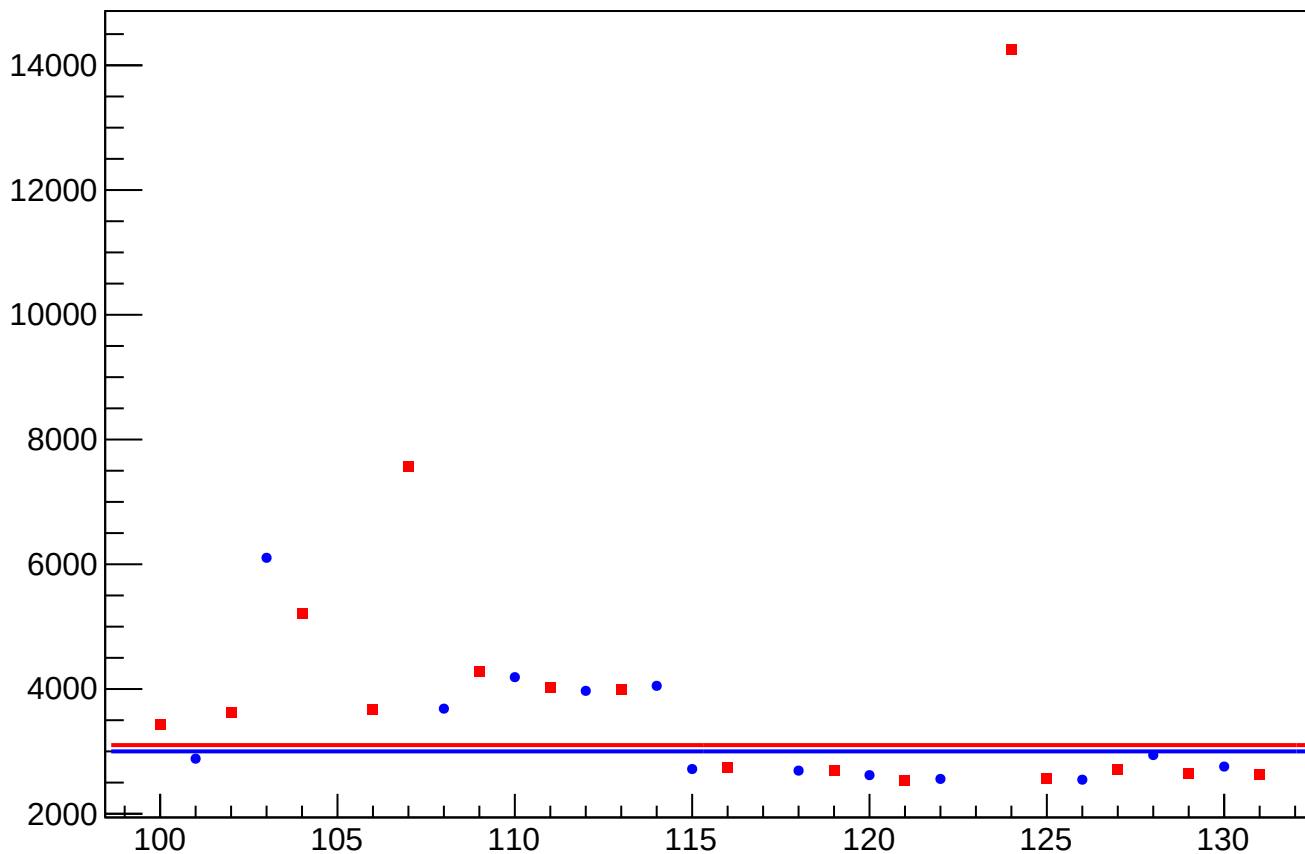
Right: 2797.398+/-917.733 χ^2/NDF : 30.1/28

In: 3193.785+/-1309.286 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2797.398+/-917.733 χ^2/NDF : 30.1/28

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3000.225+/-0.926 χ^2/NDF : 566697.0/12

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

Right Out: 3101.061+/-0.910 χ^2/NDF : 916933.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

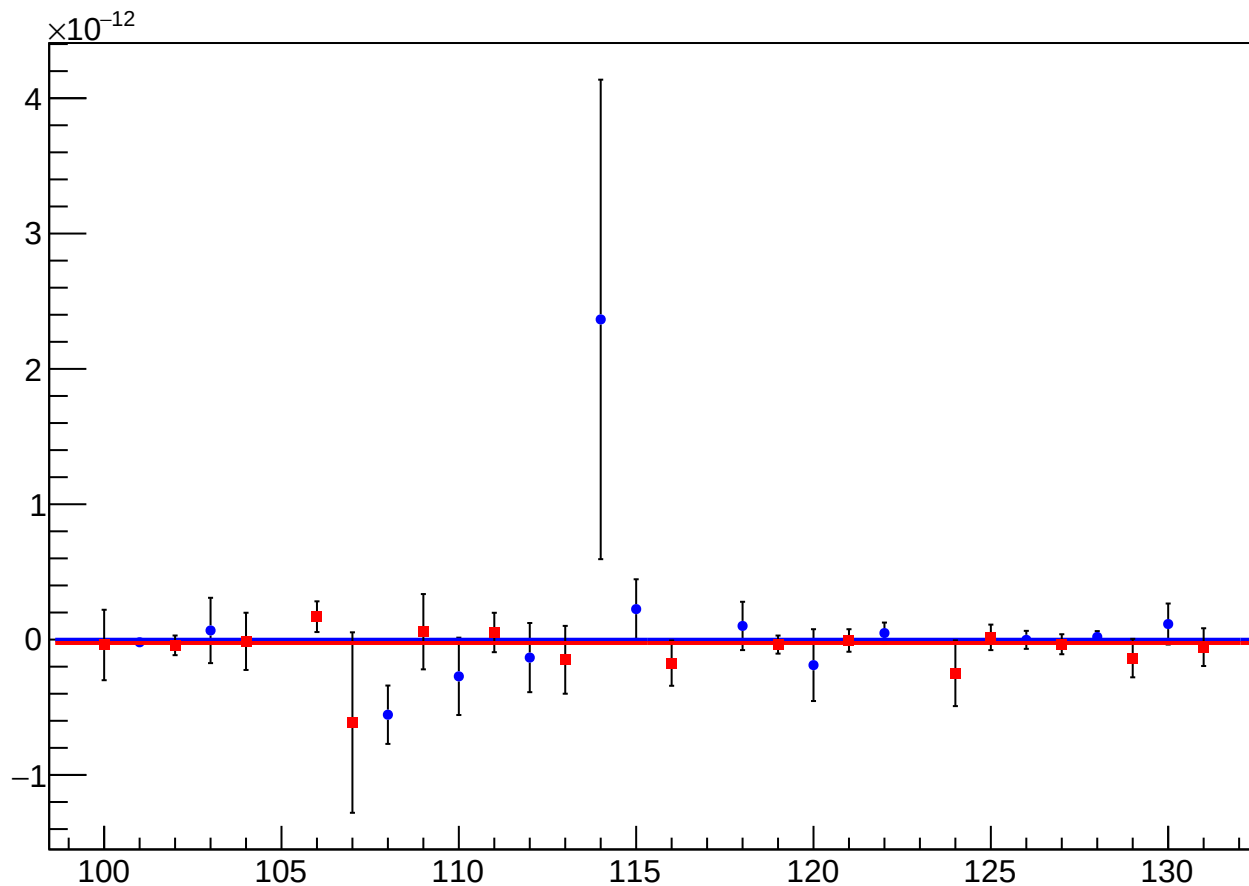
Right: 3051.518+/-0.649 χ^2/NDF : 1489664.6/28

In: 3000.225+/-0.926 χ^2/NDF : 566697.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3051.518+/-0.649 χ^2/NDF : 1489664.6/28

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.0/12

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

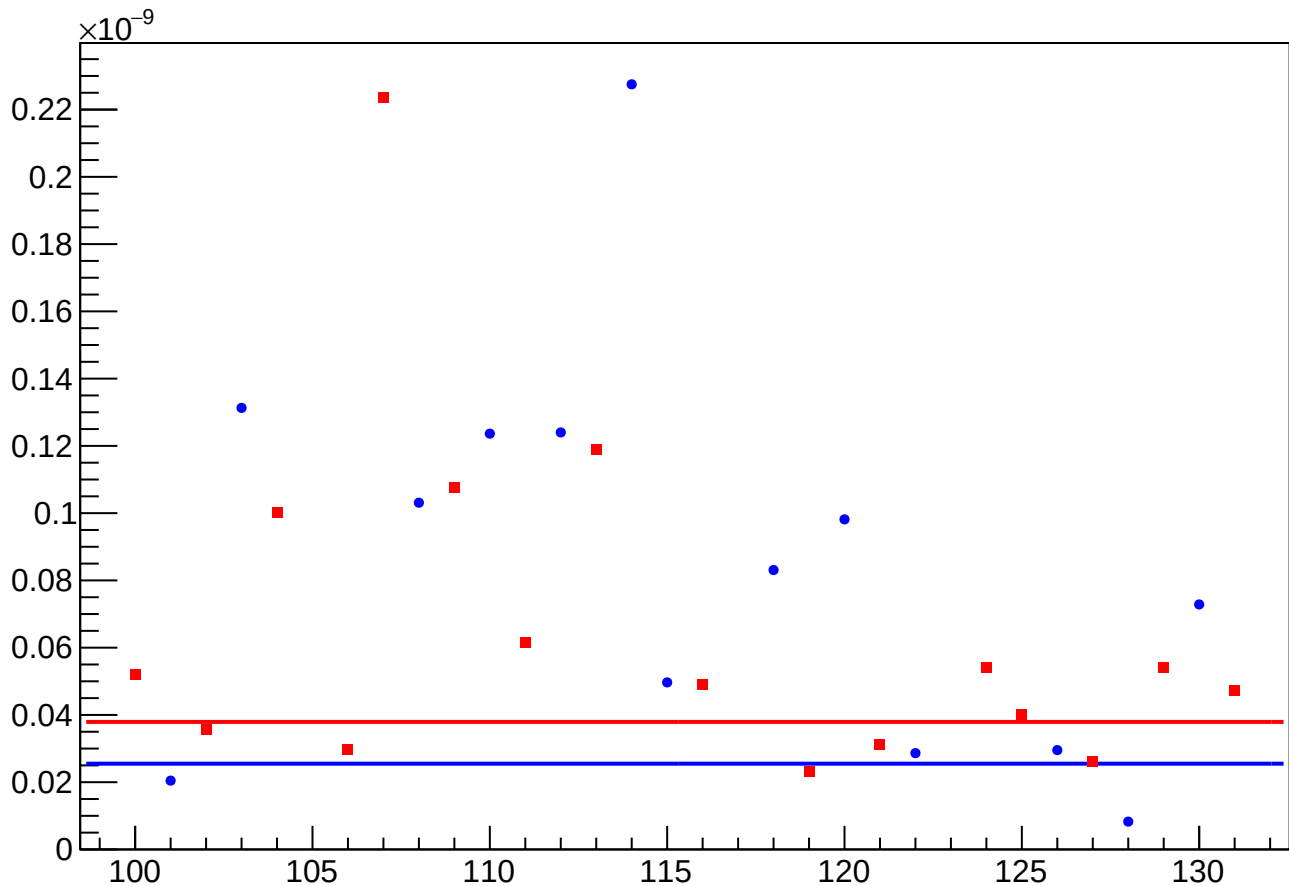
Right: -0.000+/-0.000 χ^2 /NDF: 20.4/28

In: -0.000+/-0.000 χ^2 /NDF:13.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.4/28

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2149475.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 950221.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

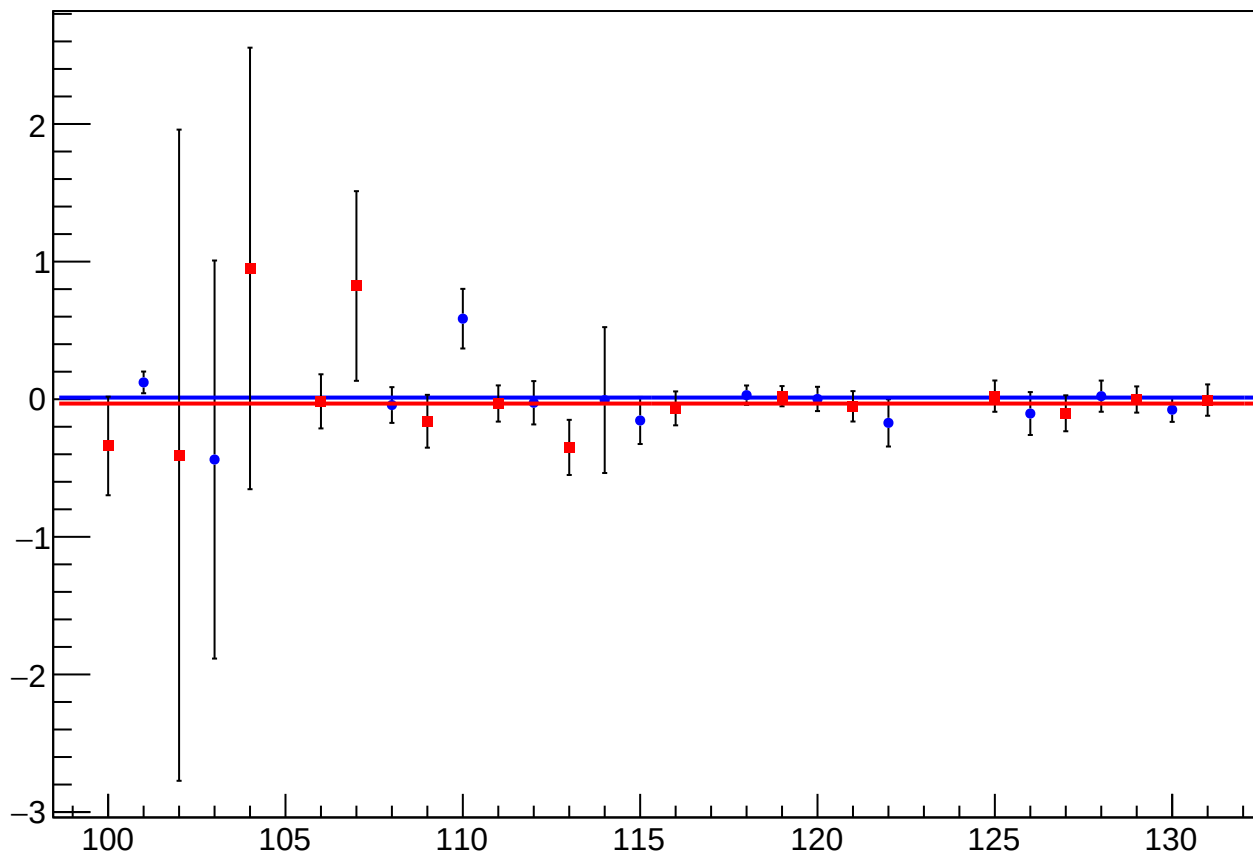
Right: 0.000+/-0.000 χ^2/NDF : 3325209.9/28

In: 0.000+/-0.000 χ^2/NDF : 2149475.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3325209.9/28

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: -0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

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

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

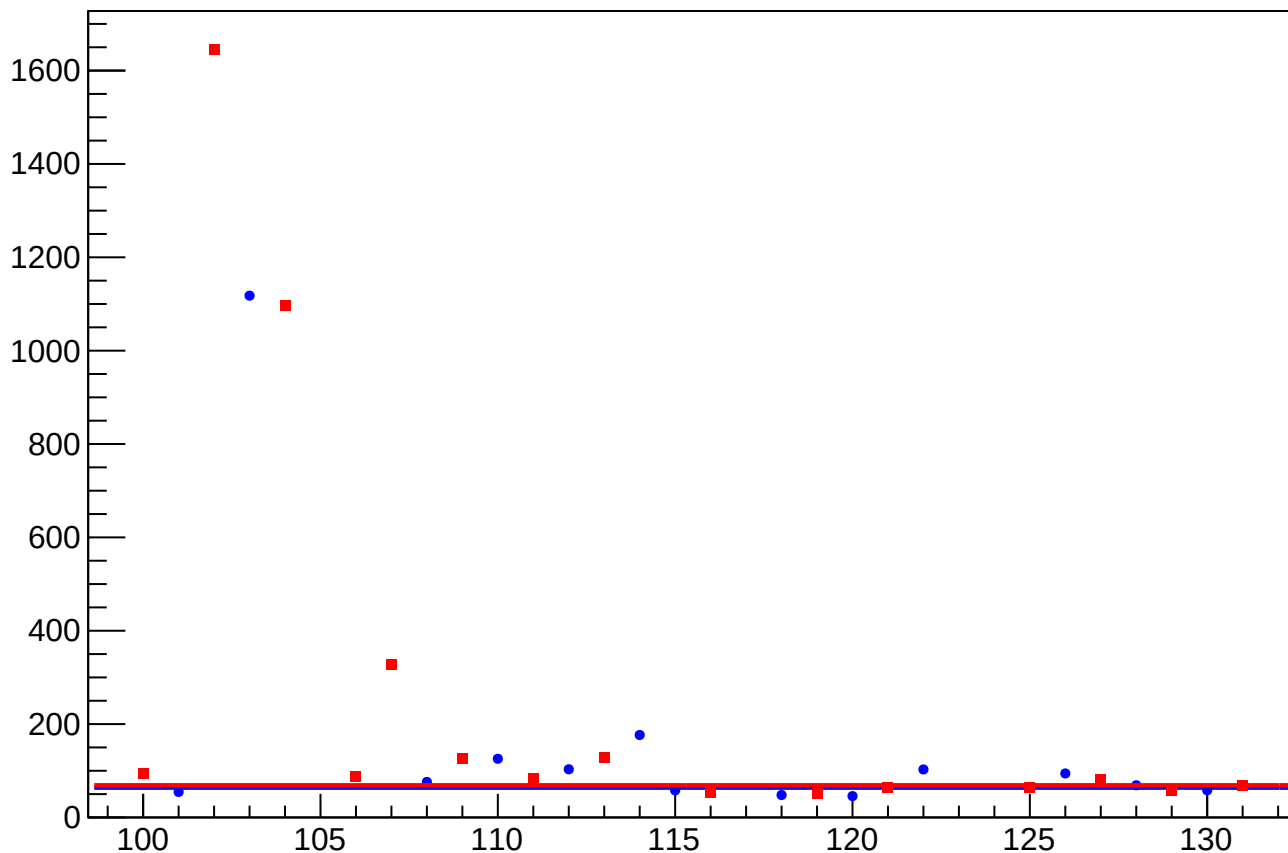
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/27

In: 0.012 $\pm$ 0.033 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/27

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

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

Right Out: 69.360+/-0.025 χ^2/NDF : 2587532.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

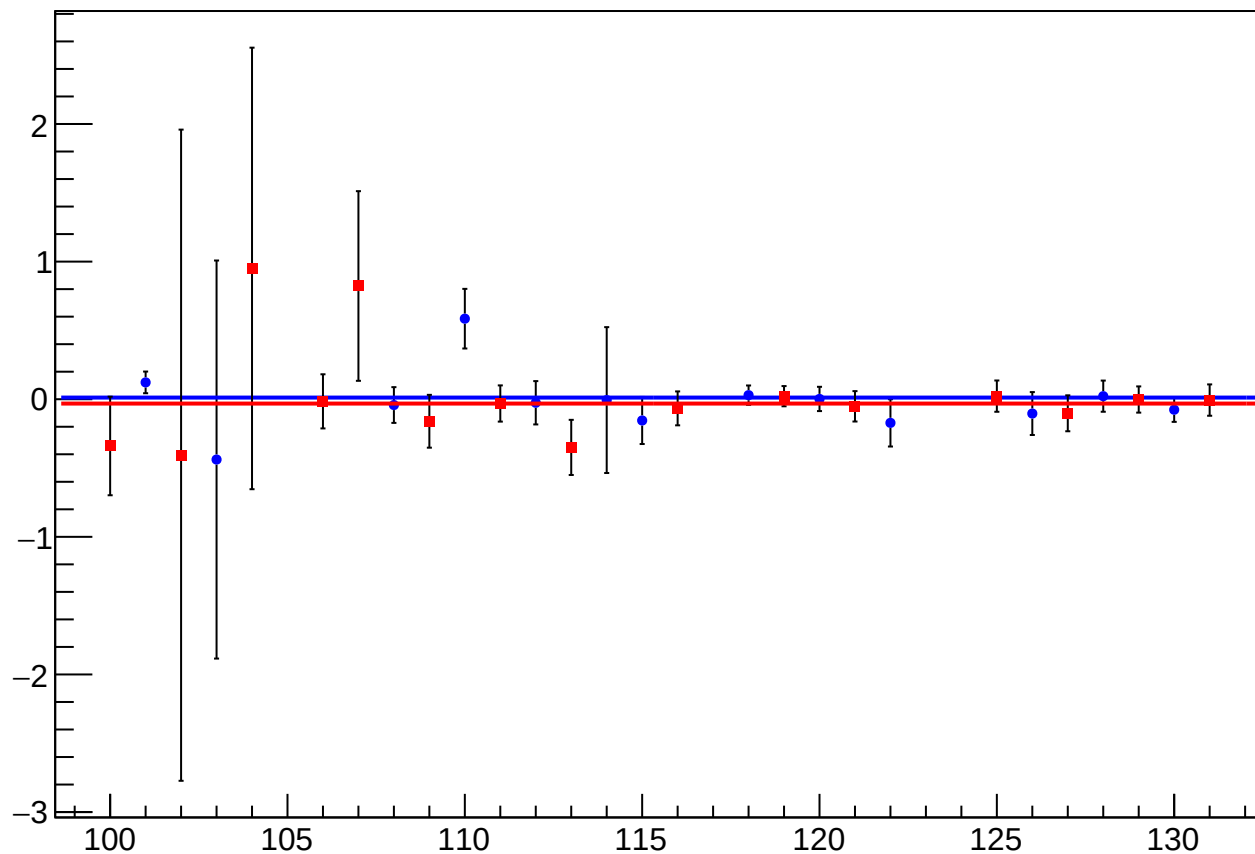
Right: 66.173+/-0.017 χ^2/NDF : 4482466.1/27

In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482466.1/27

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.033 χ^2/NDF : 13.0/12

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

Right Out: -0.032+/-0.035 χ^2/NDF : 7.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

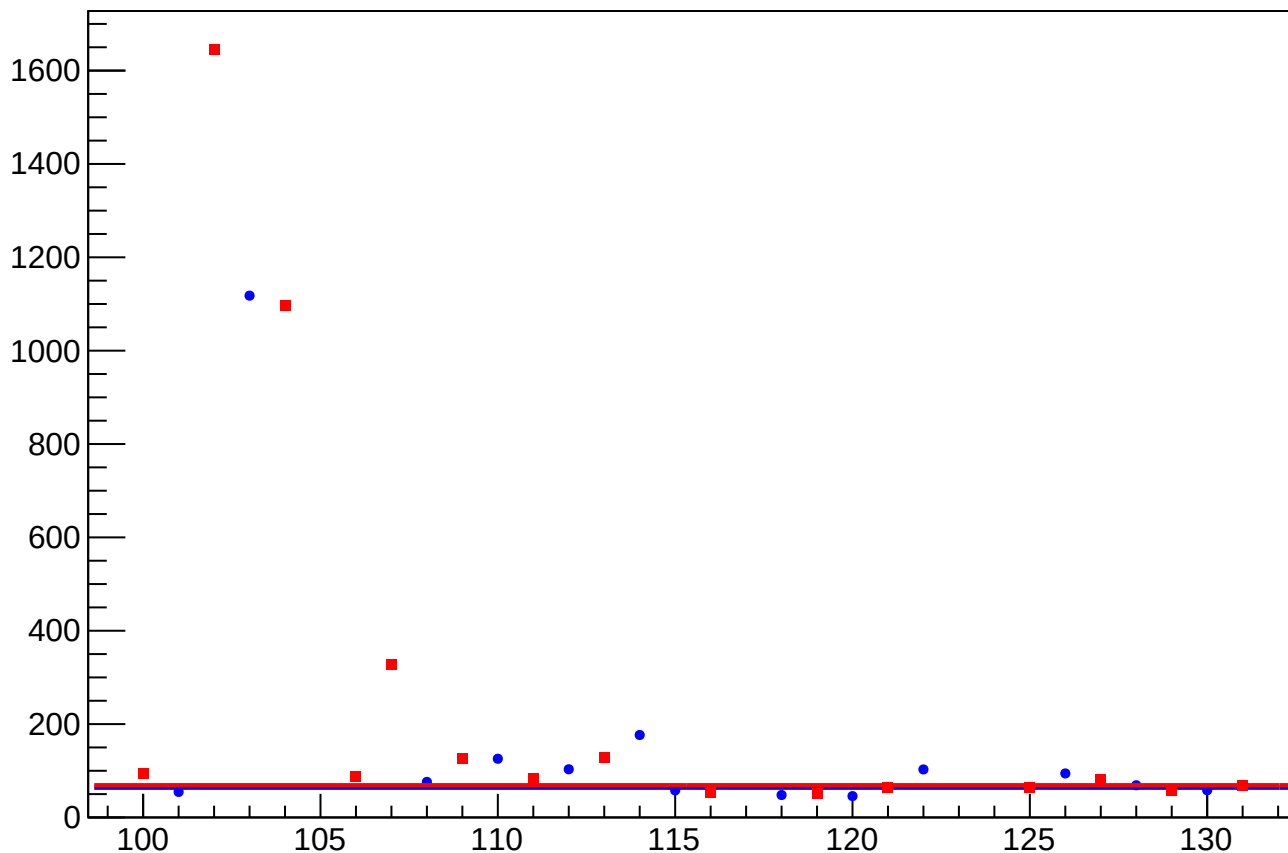
Right: -0.008+/-0.024 χ^2/NDF : 20.8/27

In: 0.012+/-0.033 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.024 χ^2/NDF : 20.8/27

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

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

Right Out: 69.360+/-0.025 χ^2/NDF : 2587532.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

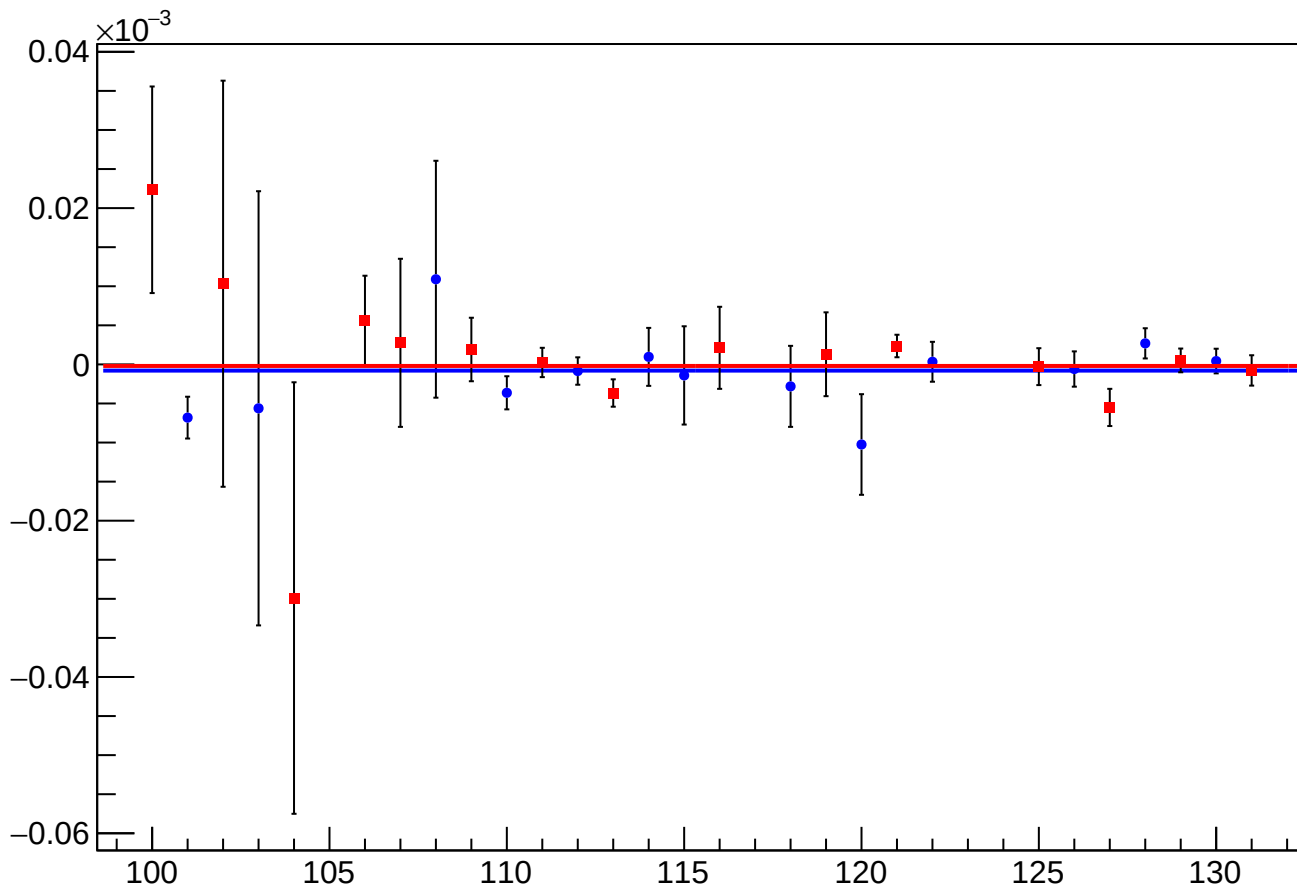
Right: 66.173+/-0.017 χ^2/NDF : 4482466.1/27

In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482466.1/27

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.1/12

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 18.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

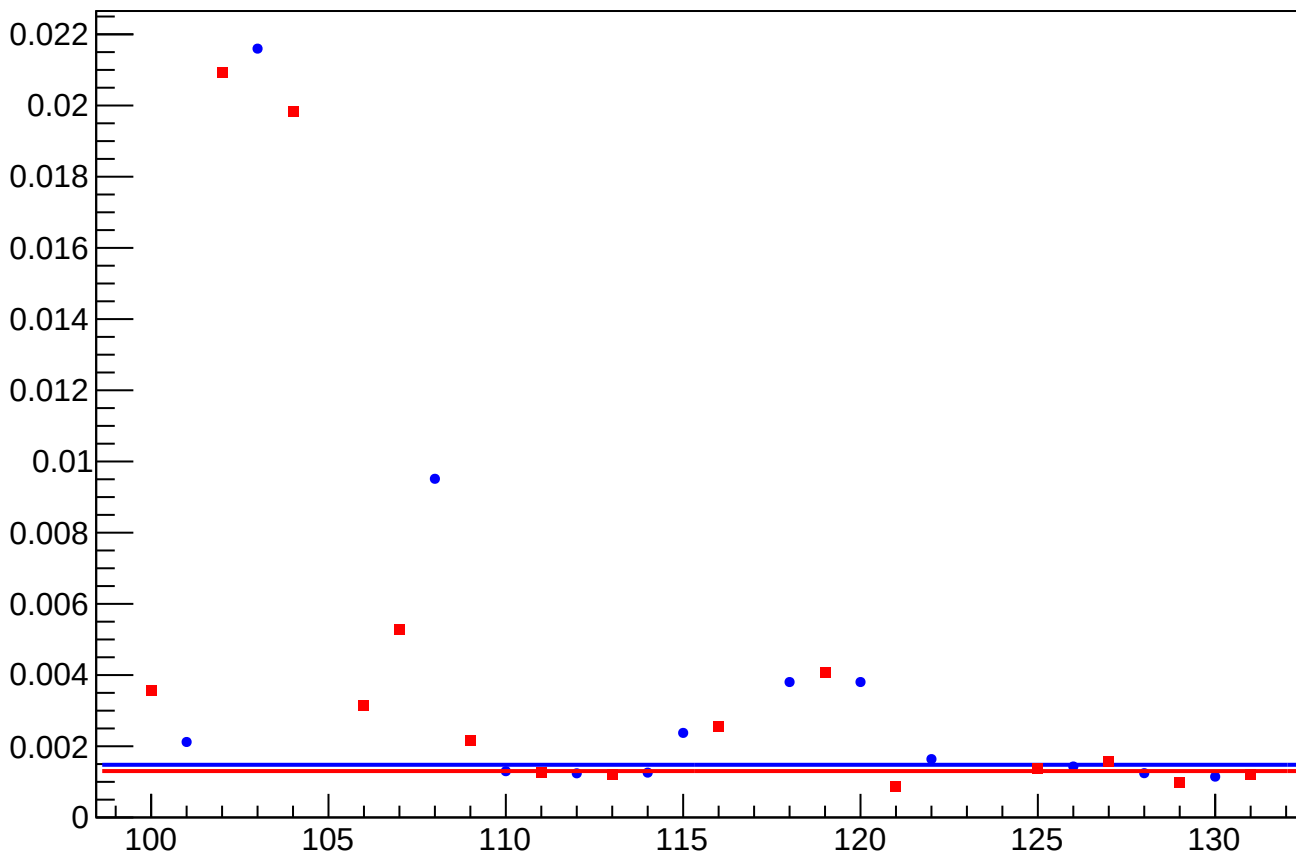
Right: -0.000+/-0.000 χ^2 /NDF: 32.7/27

In: -0.000+/-0.000 χ^2 /NDF:14.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.7/27

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 2615459.7/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 3609796.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 6289890.1/27

In: 0.001+/-0.000

χ^2/NDF : 2615459.7/12

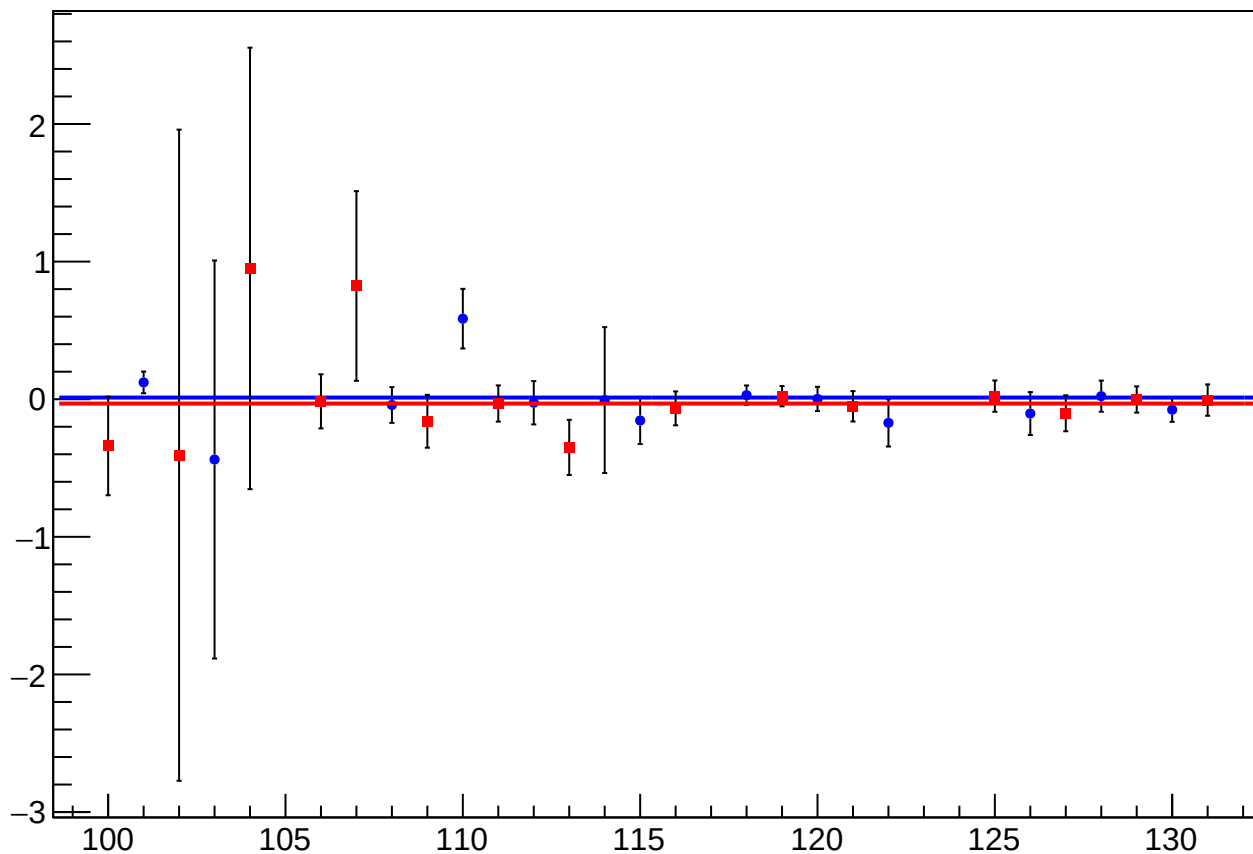
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6289890.1/27

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: -0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

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

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

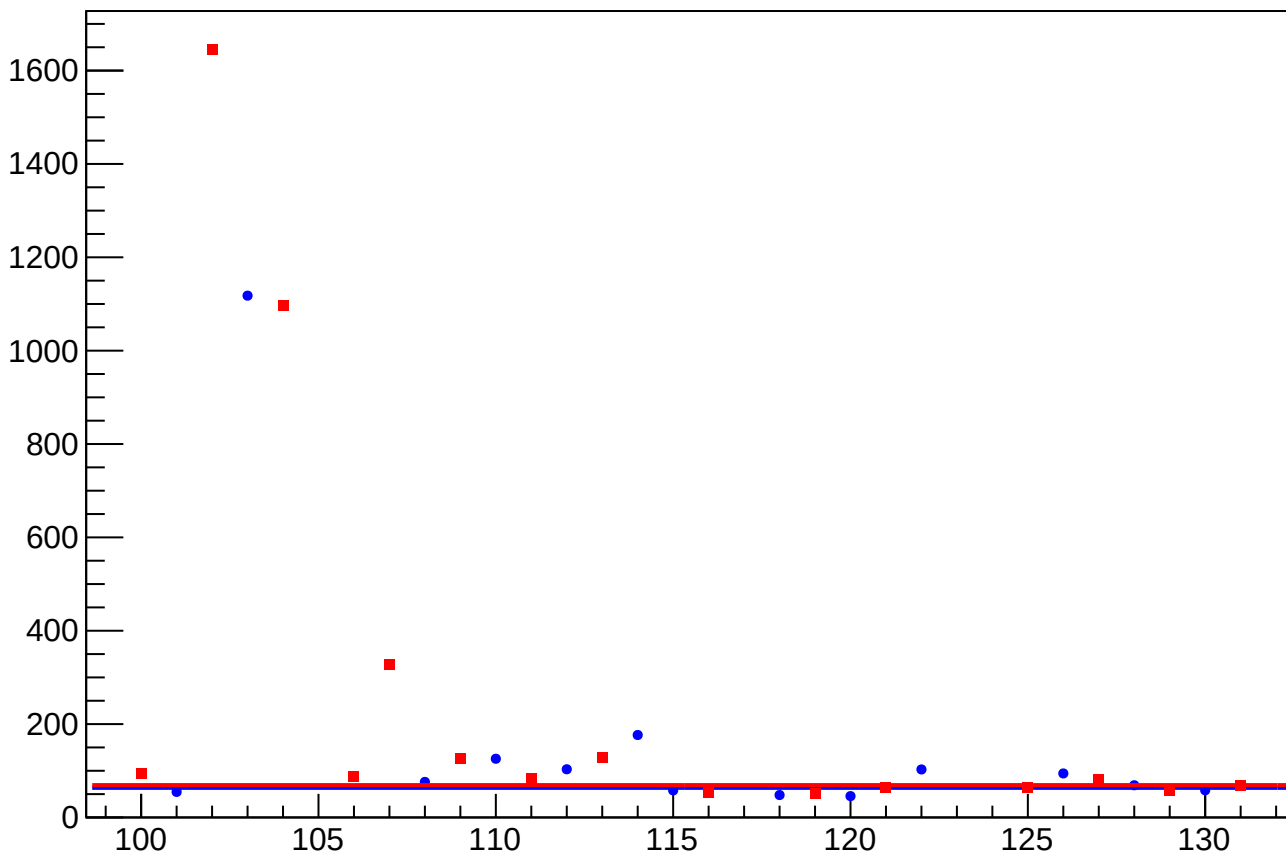
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/27

In: 0.012 $\pm$ 0.033 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/27

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.430 $\pm$ 0.023 χ^2 /NDF: 1864666.5/12

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

Right Out: 69.359 $\pm$ 0.025 χ^2 /NDF: 2587548.1/14

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

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

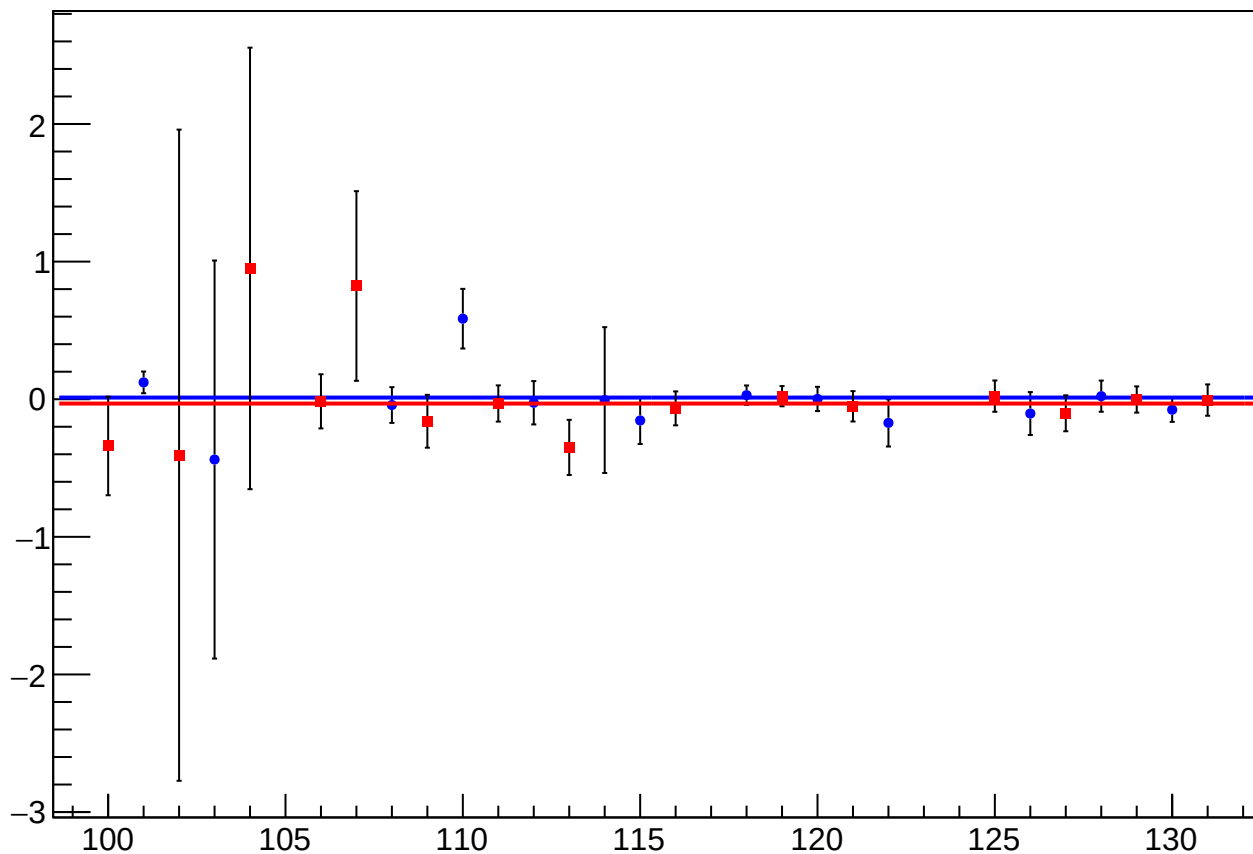
Right: 66.173 $\pm$ 0.017 χ^2 /NDF: 4482553.5/27

In: 63.430 $\pm$ 0.023 χ^2 /NDF:1864666.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.173 $\pm$ 0.017 χ^2 /NDF: 4482553.5/27

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.033 χ^2/NDF : 13.0/12

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

Right Out: -0.032 $\pm$ 0.035 χ^2/NDF : 7.0/14

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

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

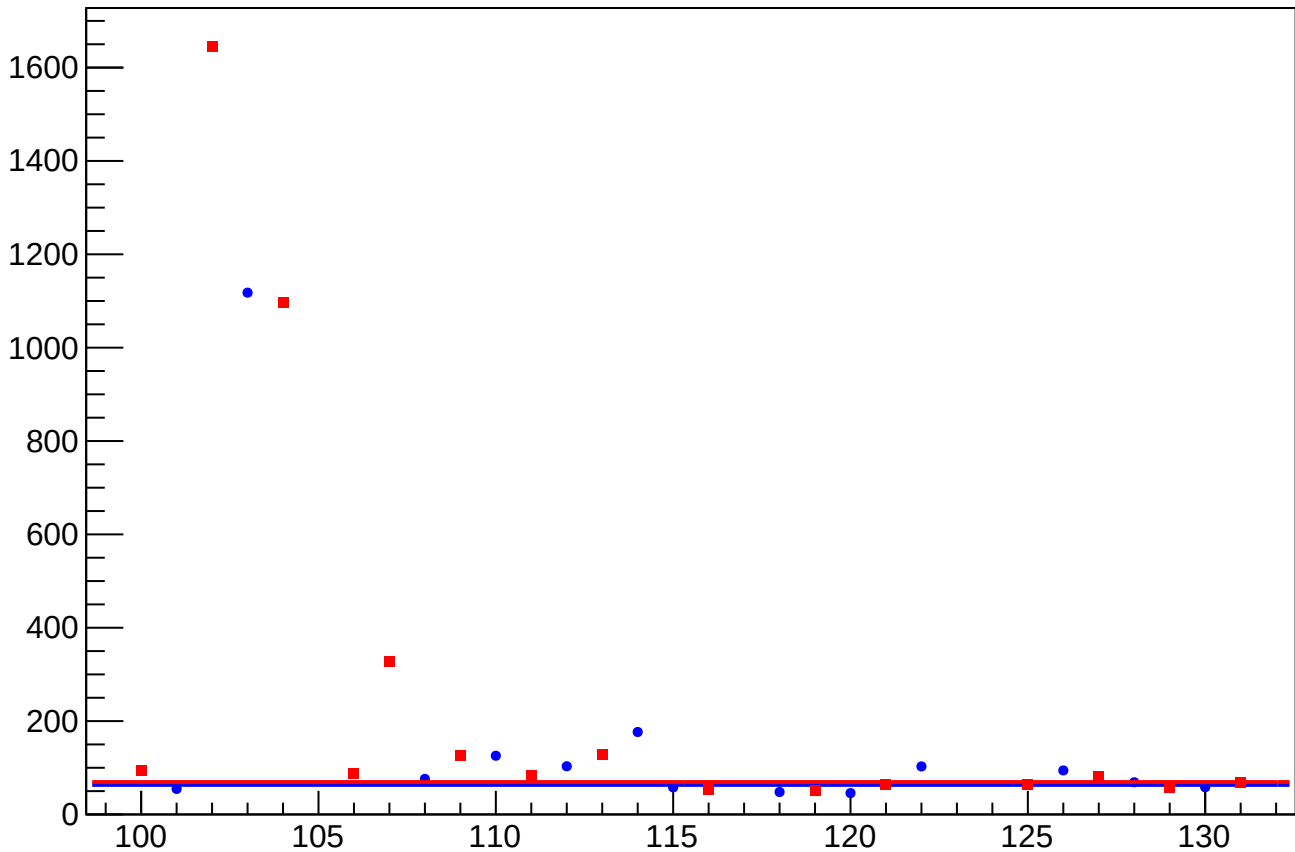
Right: -0.008 $\pm$ 0.024 χ^2/NDF : 20.8/27

In: 0.012 $\pm$ 0.033 χ^2/NDF : 13.0/12

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

All: -0.008 $\pm$ 0.024 χ^2/NDF : 20.8/27

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

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

Right Out: 69.359+/-0.025 χ^2/NDF : 2587548.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

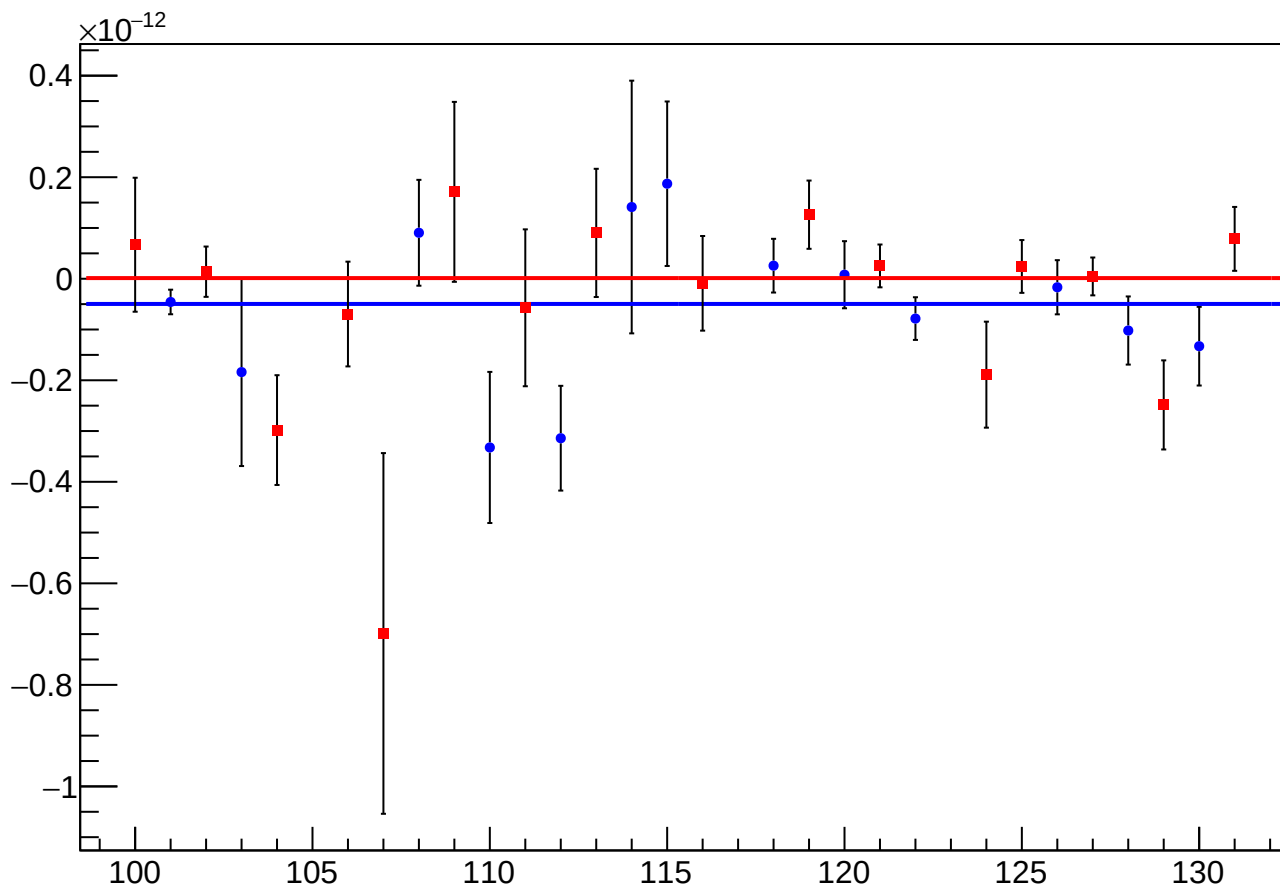
Right: 66.173+/-0.017 χ^2/NDF : 4482553.5/27

In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482553.5/27

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 30.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

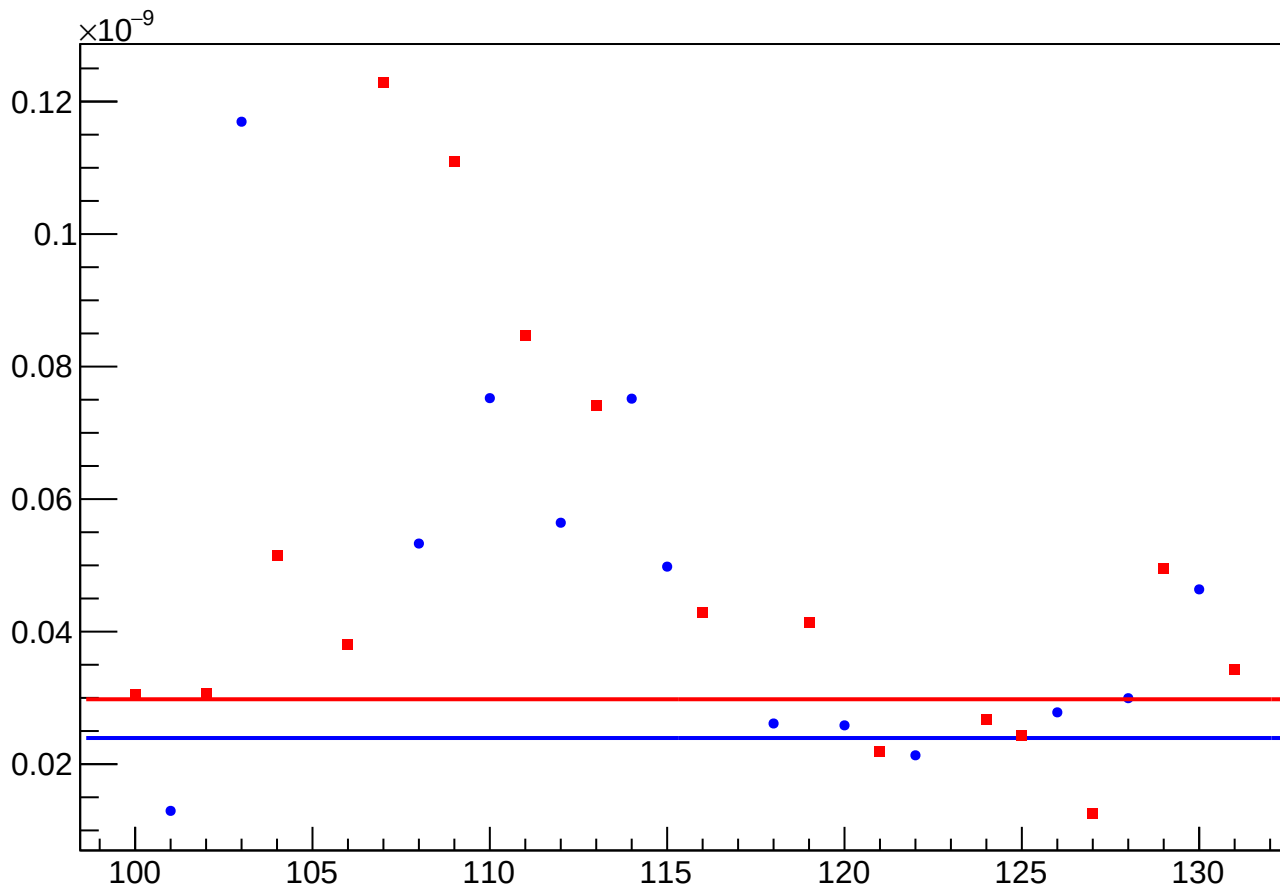
Right: -0.000+/-0.000 χ^2/NDF : 56.1/28

In: -0.000+/-0.000 χ^2/NDF : 20.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 56.1/28

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1854492.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1881105.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

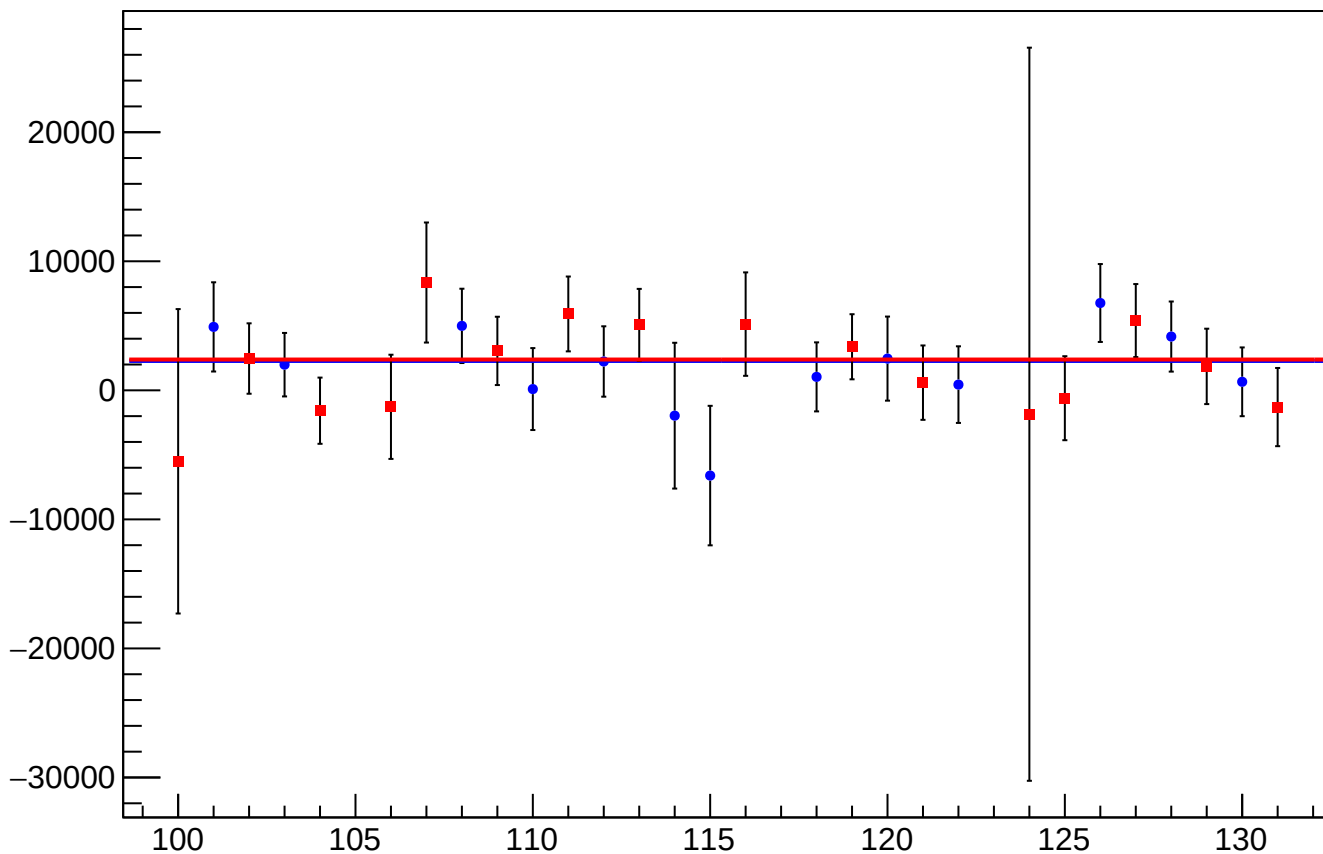
Right: 0.000+/-0.000 χ^2/NDF : 3857092.5/28

In: 0.000+/-0.000 χ^2/NDF : 1854492.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3857092.5/28

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2276.443+/-844.398 χ^2/NDF : 8.9/12

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

Right Out: 2386.316+/-795.990 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

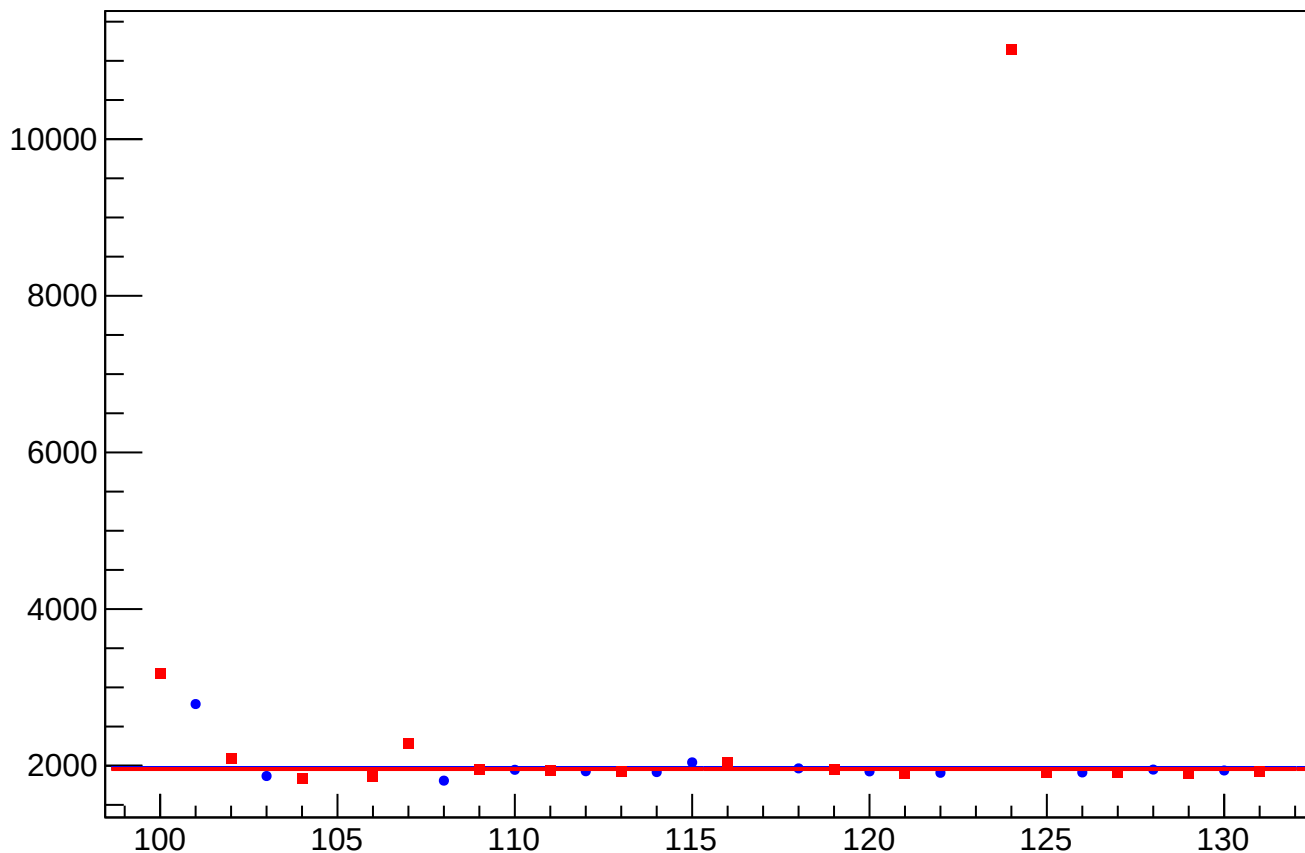
Right: 2334.619+/-579.208 χ^2/NDF : 21.2/28

In: 2276.443+/-844.398 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.619+/-579.208 χ^2/NDF : 21.2/28

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1970.692+/-0.597 χ^2/NDF : 124755.0/12

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

Right Out: 1957.595+/-0.563 χ^2/NDF : 254874.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

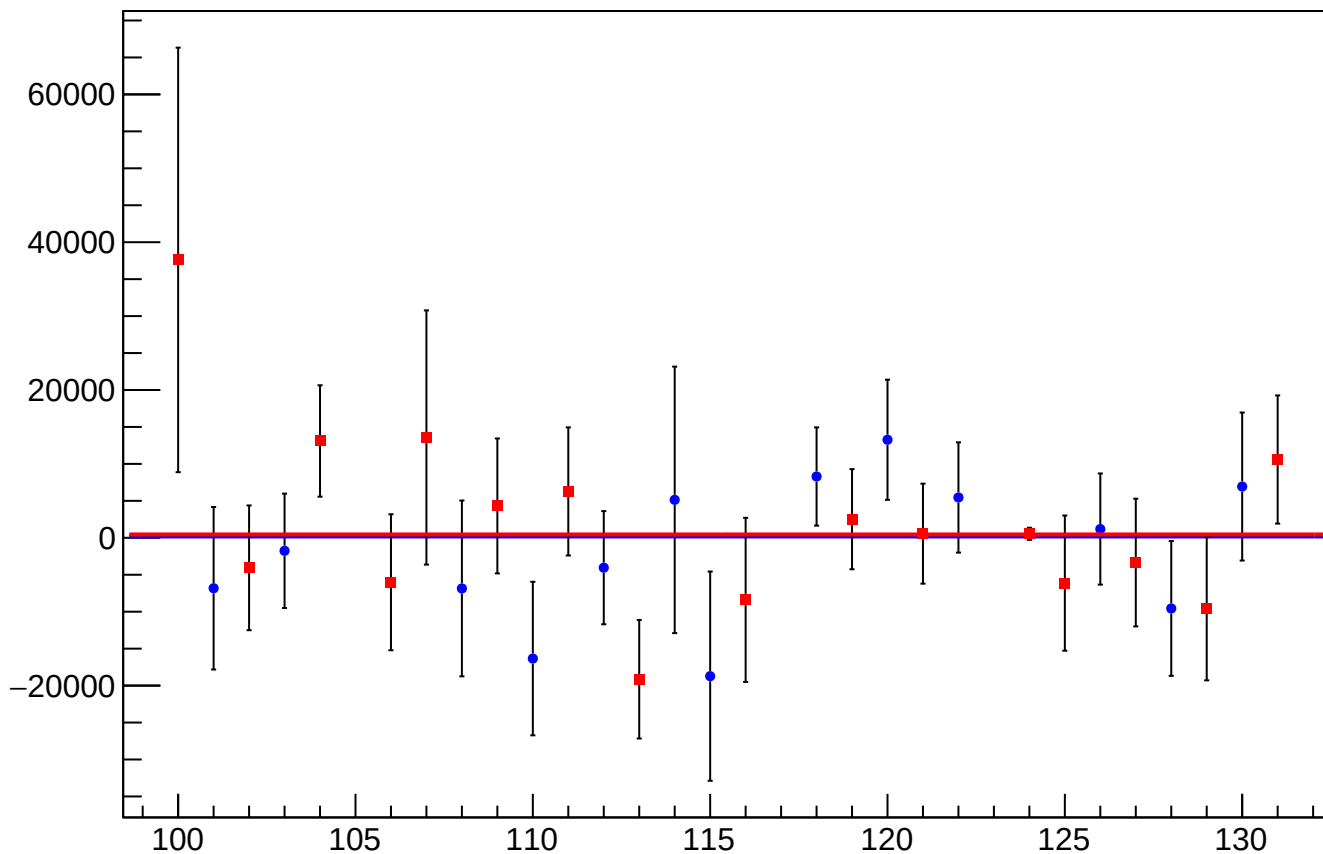
Right: 1963.757+/-0.410 χ^2/NDF : 379884.7/28

In: 1970.692+/-0.597 χ^2/NDF : 124755.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.757+/-0.410 χ^2/NDF : 379884.7/28

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: 181.167 ± 2485.824 χ^2/NDF : 11.7/12

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

Right Out: 451.854 ± 772.161 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

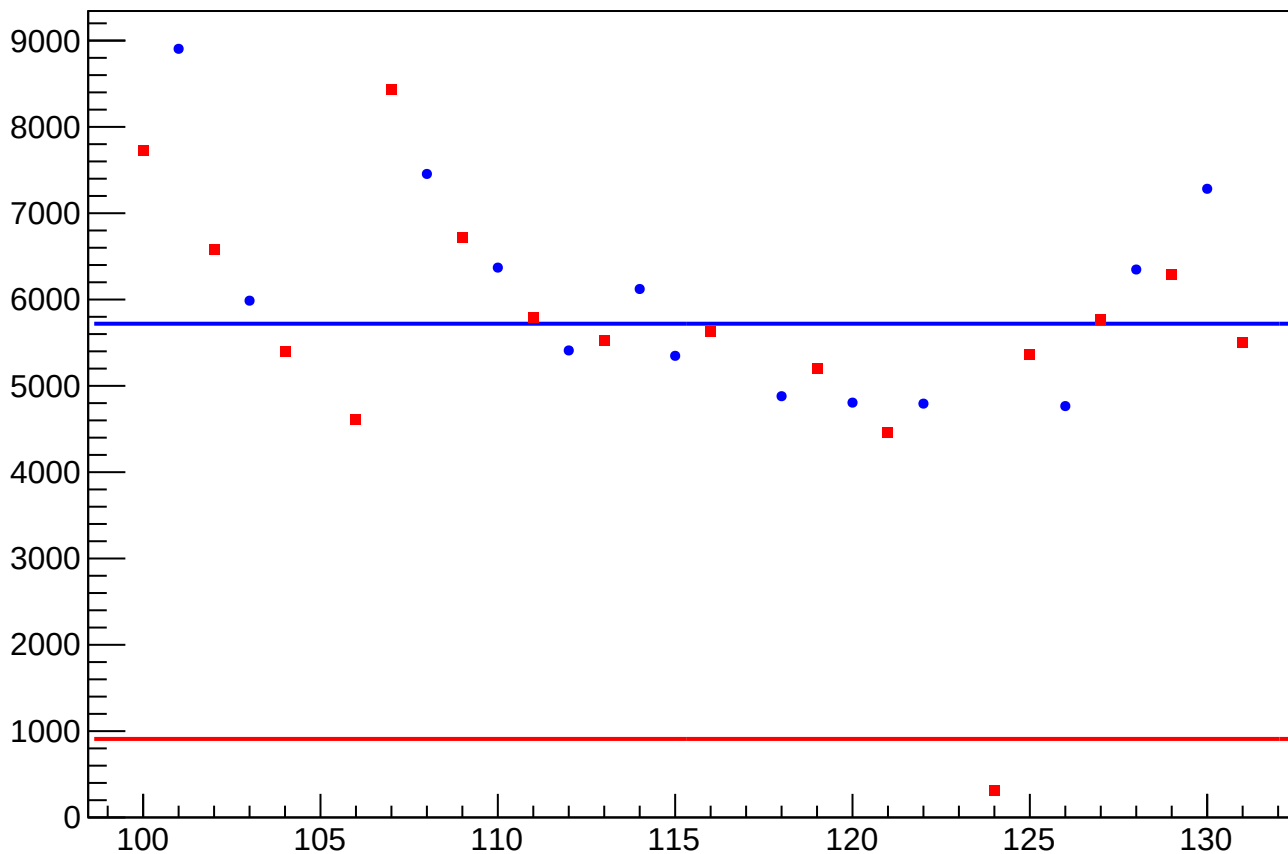
Right: 428.034 ± 737.405 χ^2/NDF : 28.1/28

In: 181.167 ± 2485.824 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 428.034 ± 737.405 χ^2/NDF : 28.1/28

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5719.937+/-1.758 χ^2/NDF : 404590.8/12

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

Right Out: 909.699+/-0.546 χ^2/NDF : 9596731.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

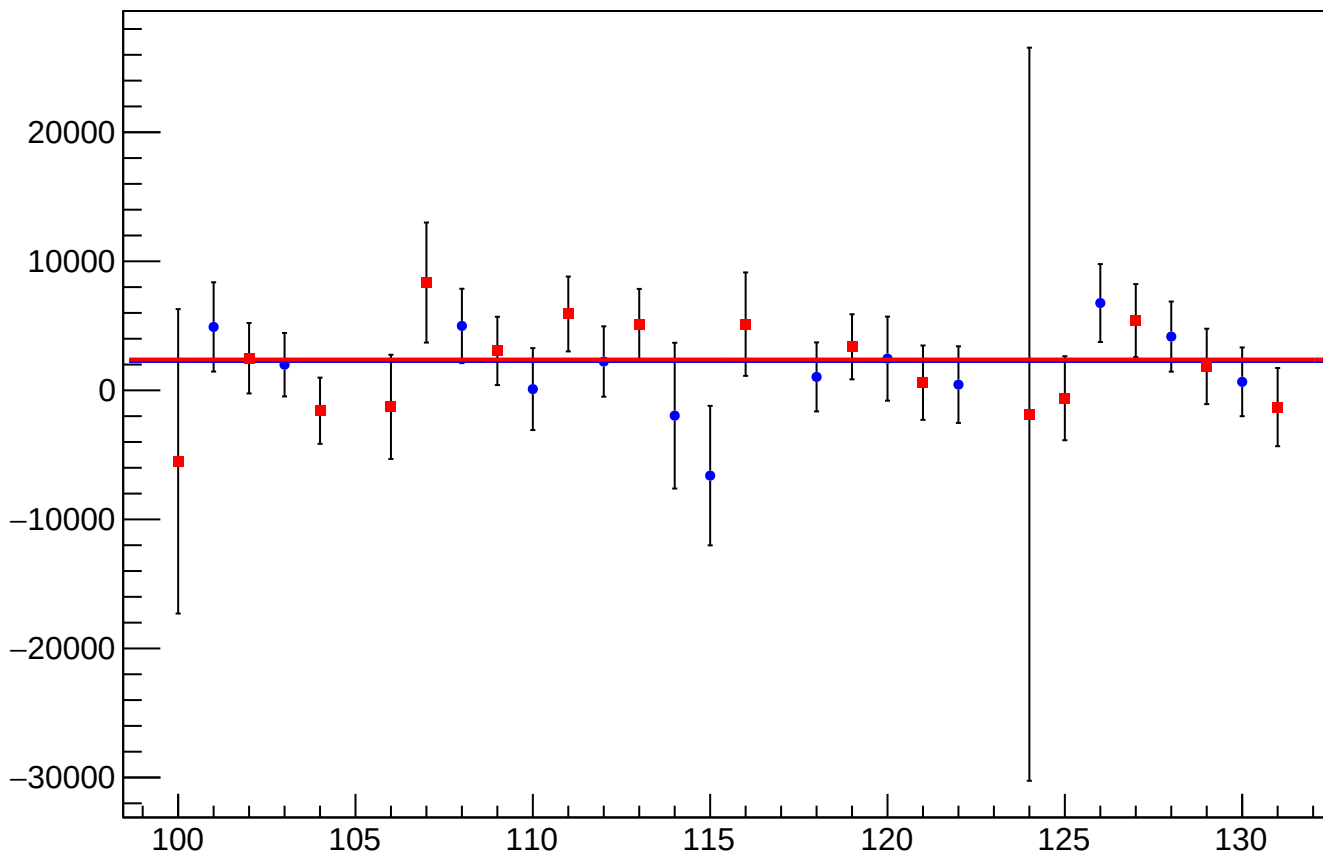
Right: 1332.989+/-0.521 χ^2/NDF : 16831285.2/28

In: 5719.937+/-1.758 χ^2/NDF :404590.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1332.989+/-0.521 χ^2/NDF : 16831285.2/28

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2276.656+/-844.398 χ^2/NDF : 8.9/12

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

Right Out: 2388.281+/-795.999 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

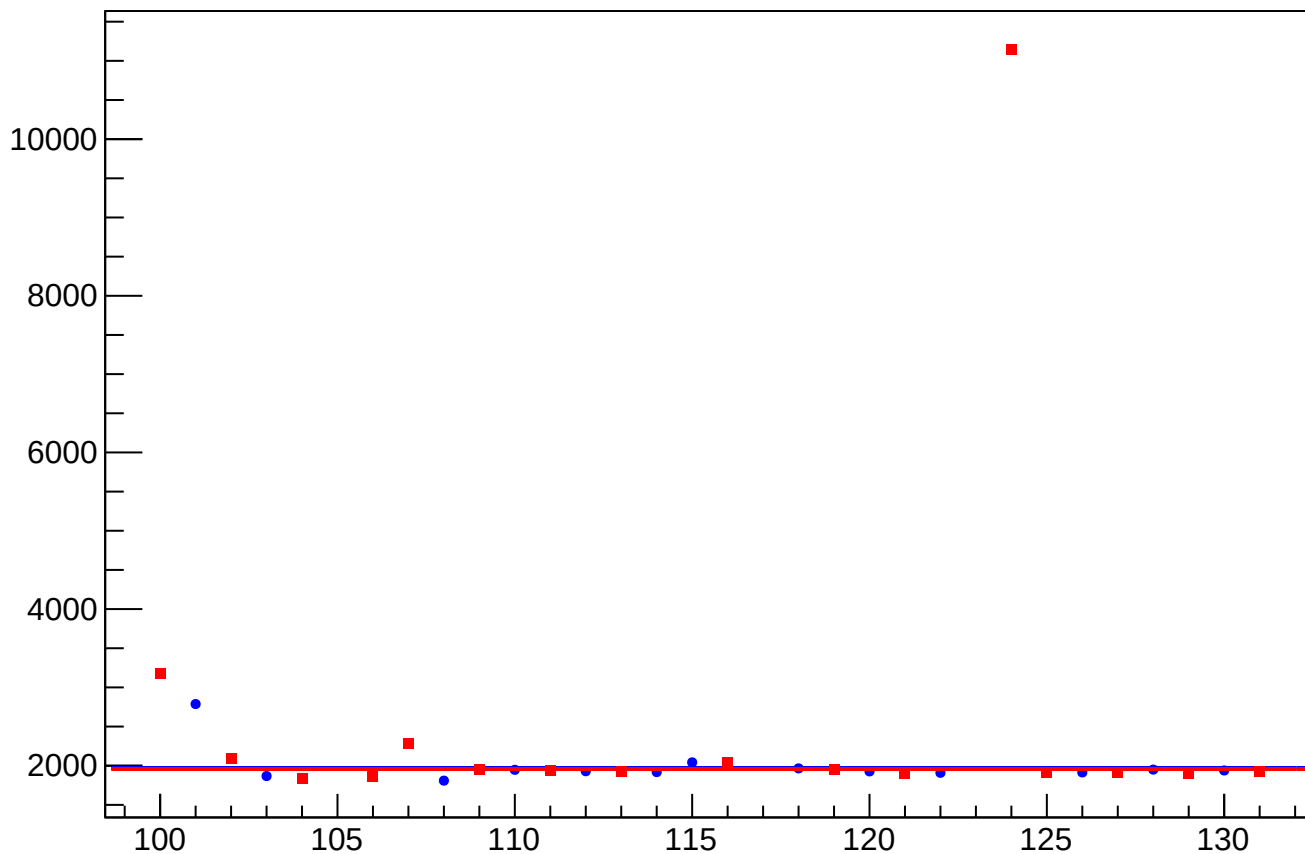
Right: 2335.759+/-579.211 χ^2/NDF : 21.2/28

In: 2276.656+/-844.398 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2335.759+/-579.211 χ^2/NDF : 21.2/28

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

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

Right Out: 1957.617+/-0.563 χ^2/NDF : 254895.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

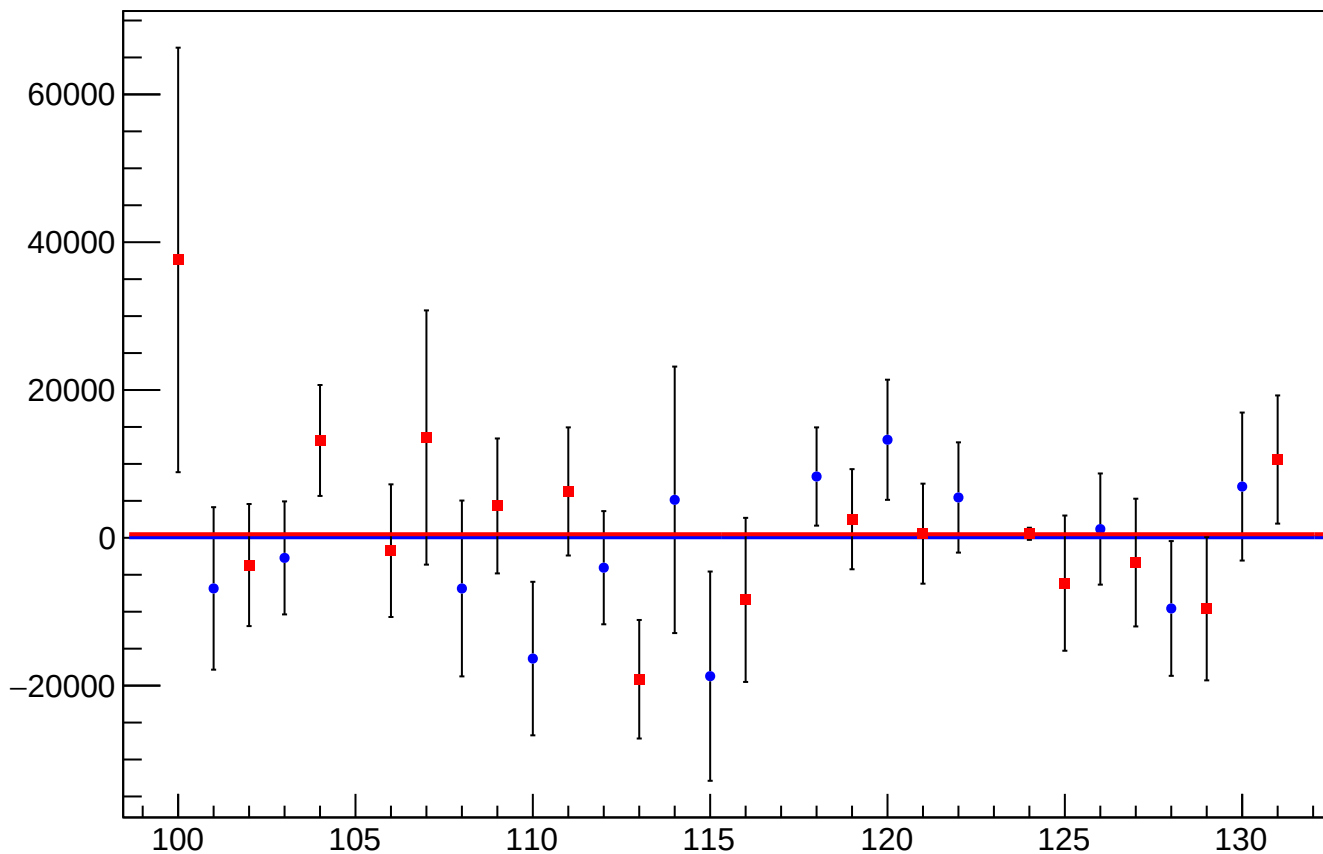
Right: 1963.769+/-0.410 χ^2/NDF : 379904.5/28

In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.769+/-0.410 χ^2/NDF : 379904.5/28

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

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

Right Out: 485.538+/-771.817 χ^2/NDF : 15.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

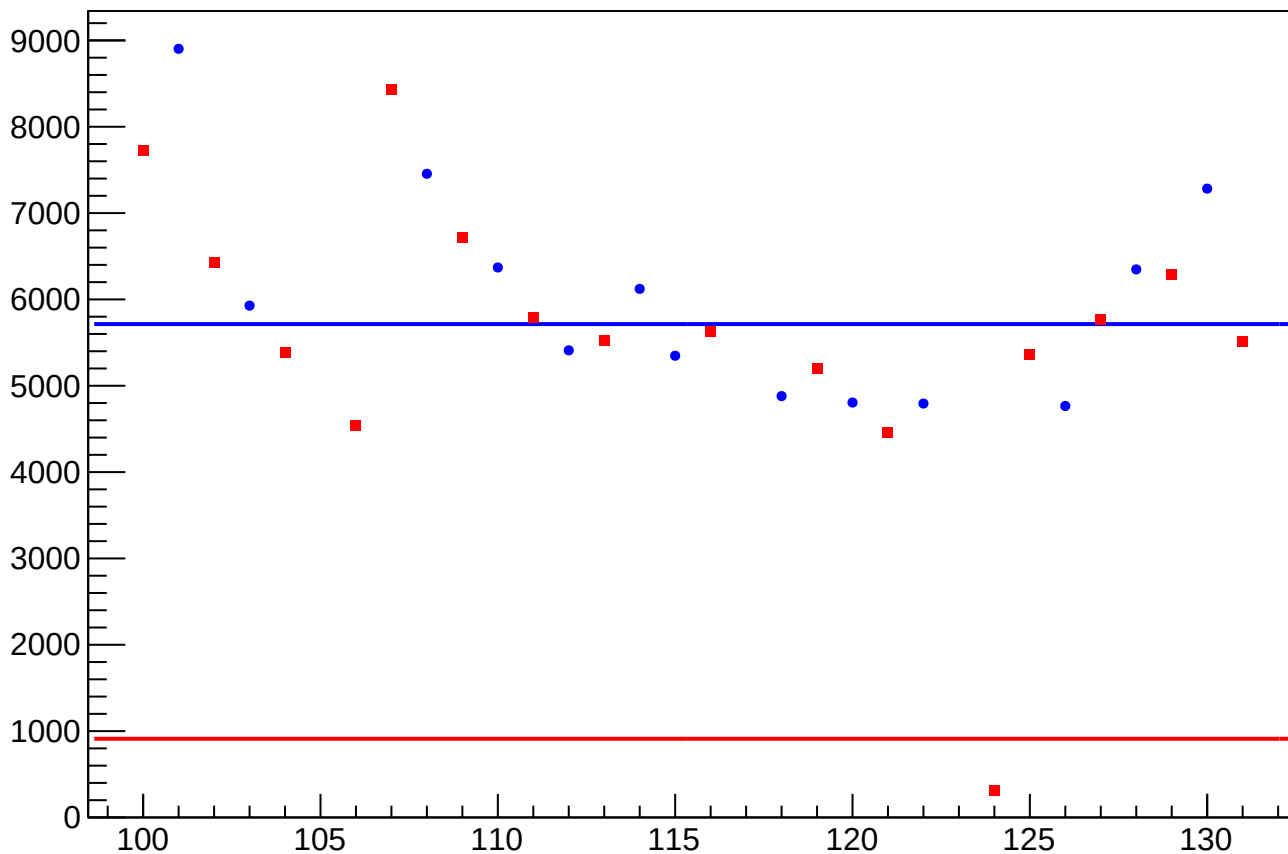
Right: 449.314+/-737.025 χ^2/NDF : 27.7/28

In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.314+/-737.025 χ^2/NDF : 27.7/28

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

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

Right Out: 911.511+/-0.546 χ^2/NDF : 9593762.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

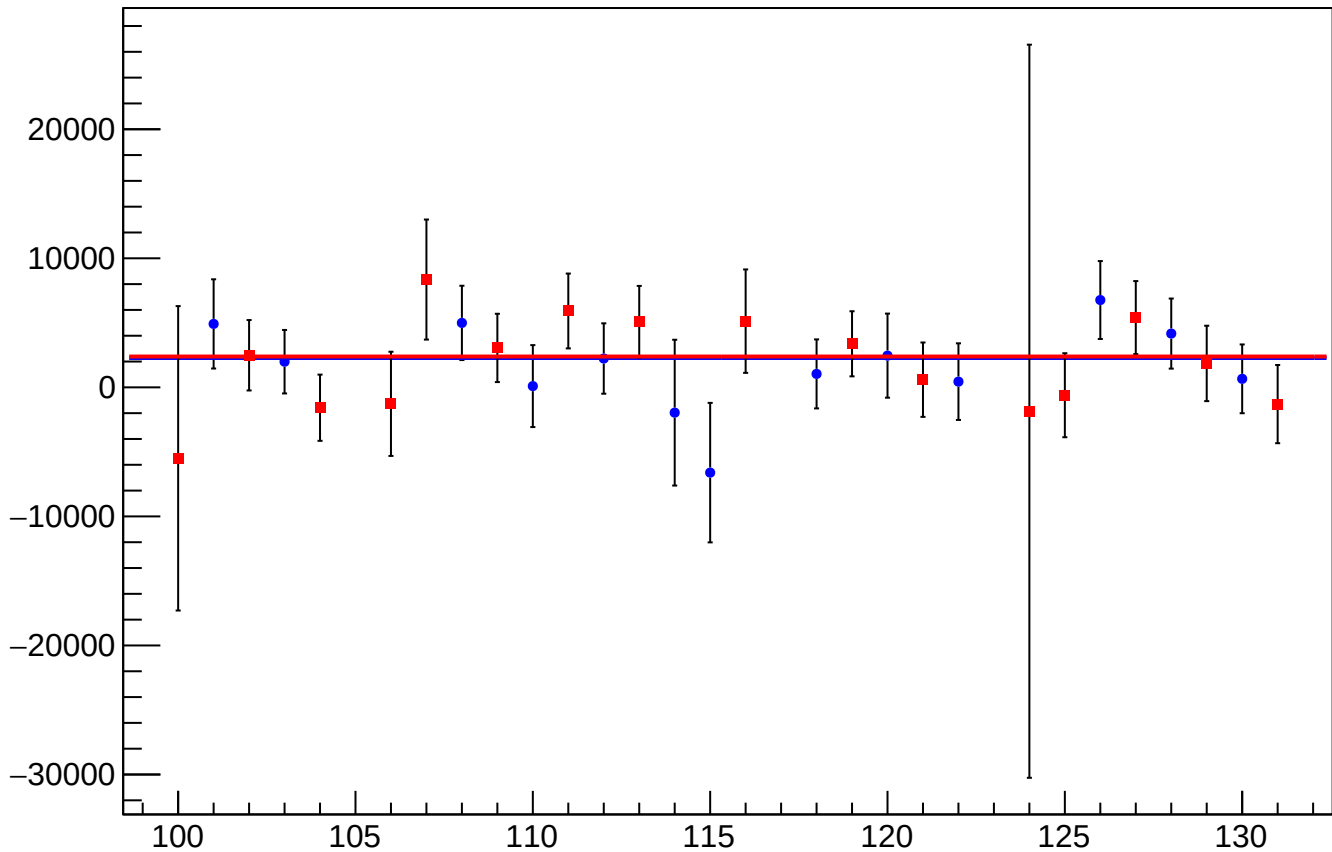
Right: 1334.756+/-0.521 χ^2/NDF : 16822187.9/28

In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.756+/-0.521 χ^2/NDF : 16822187.9/28

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2276.656+/-844.398 χ^2/NDF : 8.9/12

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

Right Out: 2388.281+/-795.999 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

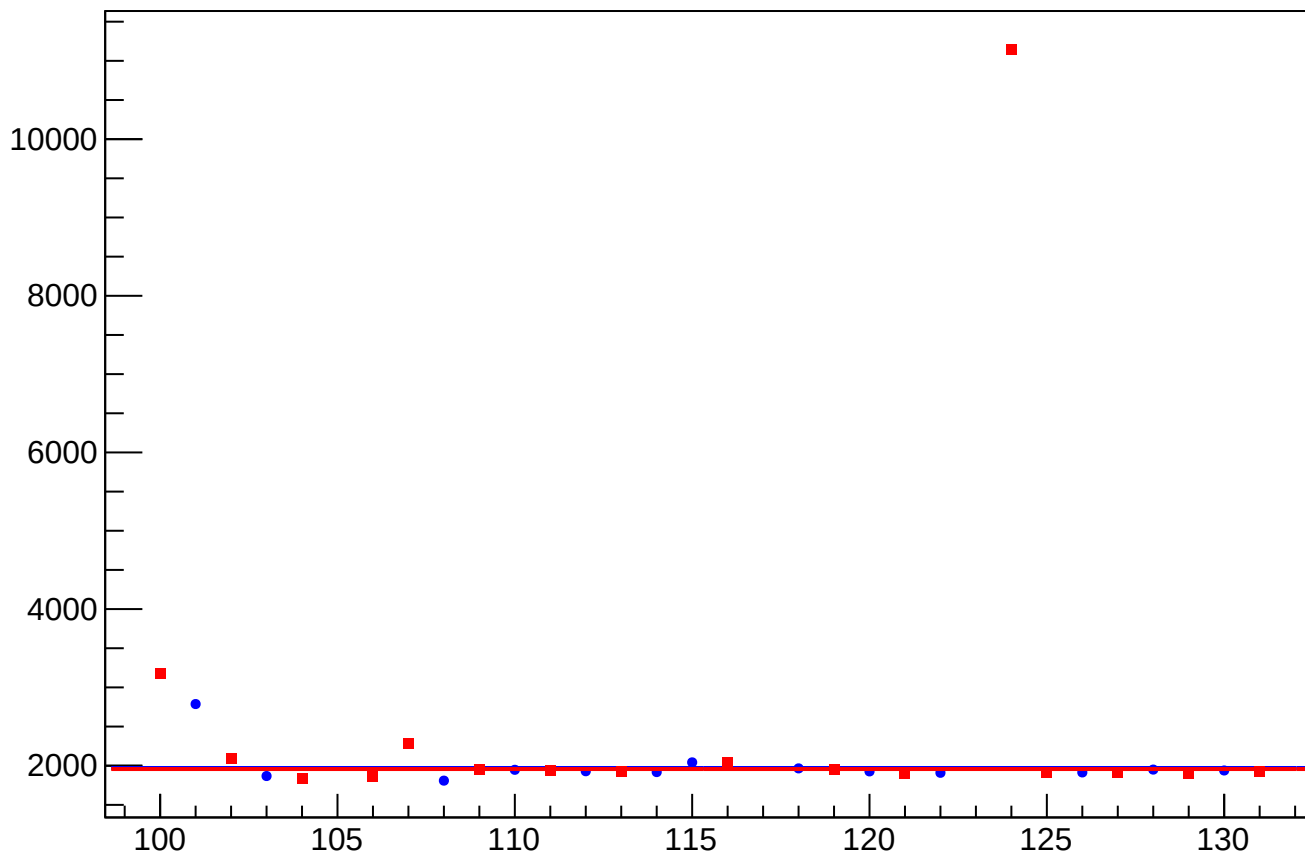
Right: 2335.759+/-579.211 χ^2/NDF : 21.2/28

In: 2276.656+/-844.398 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2335.759+/-579.211 χ^2/NDF : 21.2/28

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

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

Right Out: 1957.617+/-0.563 χ^2/NDF : 254895.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

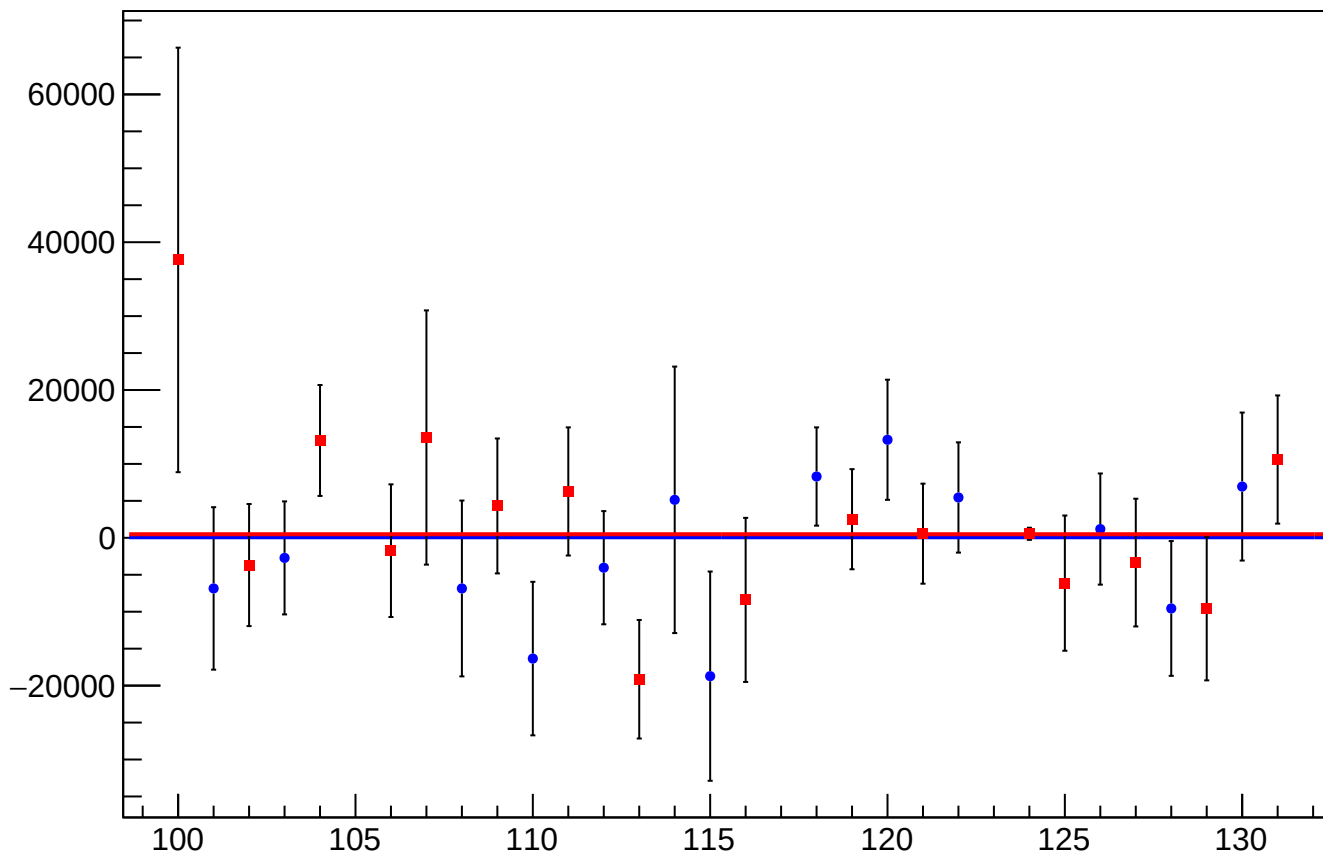
Right: 1963.769+/-0.410 χ^2/NDF : 379904.5/28

In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.769+/-0.410 χ^2/NDF : 379904.5/28

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

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

Right Out: 485.538+/-771.817 χ^2/NDF : 15.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

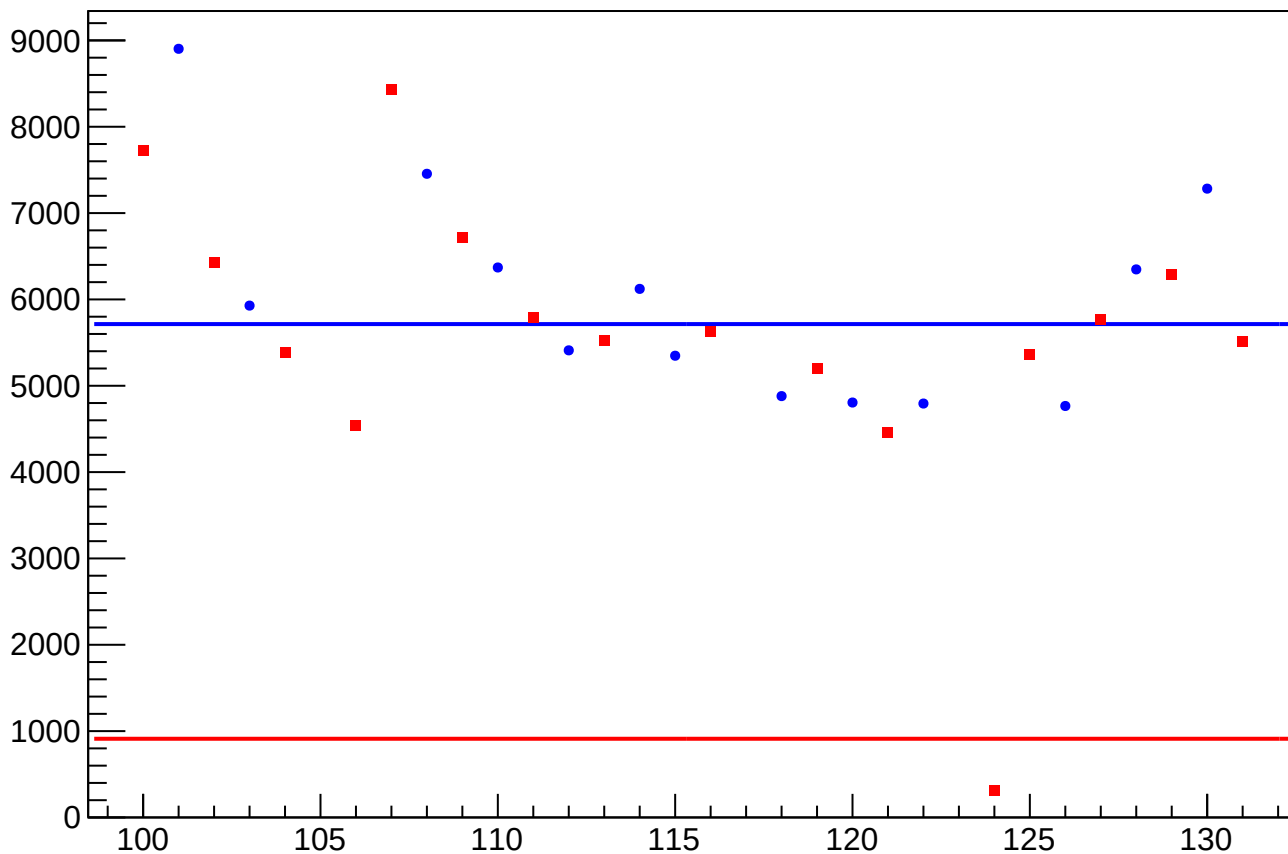
Right: 449.314+/-737.025 χ^2/NDF : 27.7/28

In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.314+/-737.025 χ^2/NDF : 27.7/28

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

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

Right Out: 911.511+/-0.546 χ^2/NDF : 9593762.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

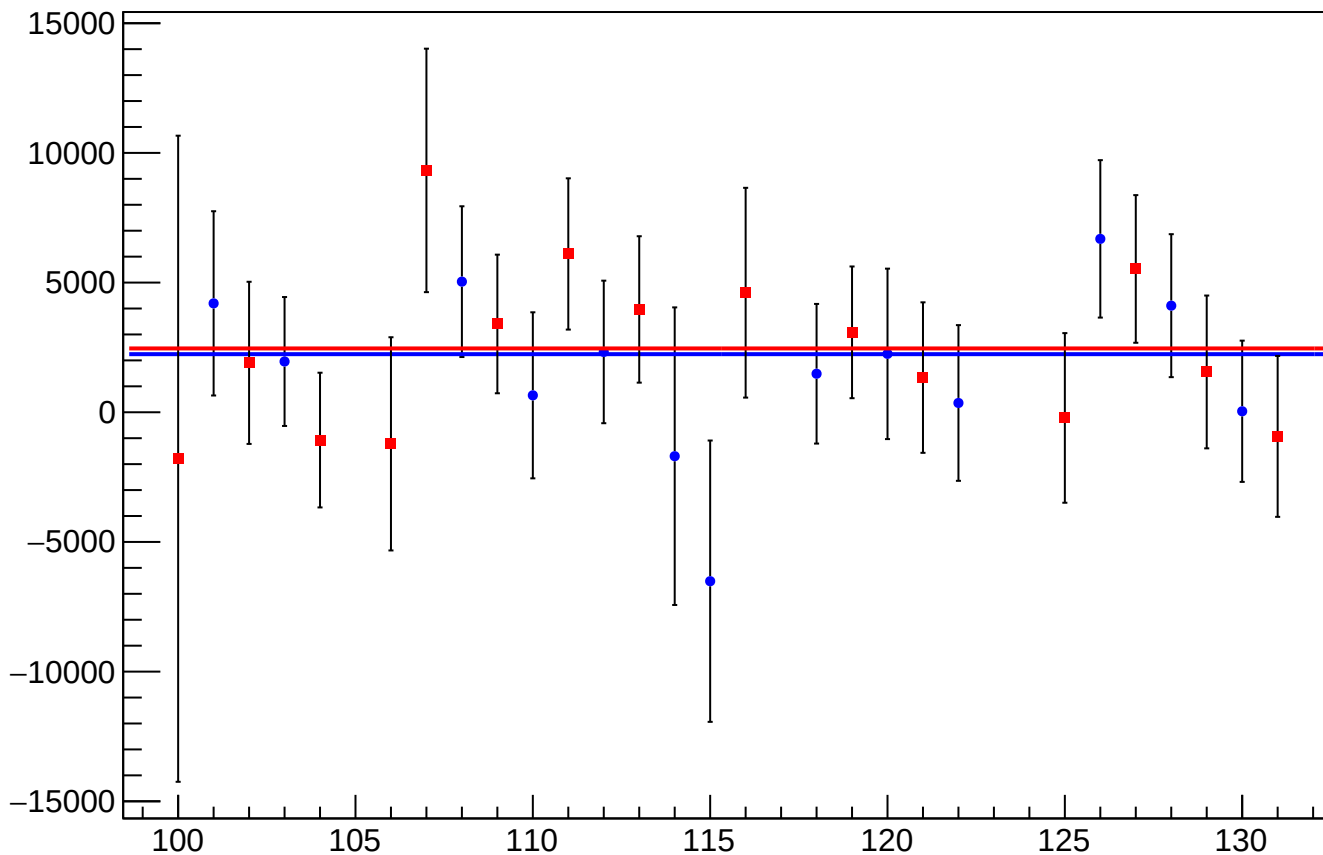
Right: 1334.756+/-0.521 χ^2/NDF : 16822187.9/28

In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.756+/-0.521 χ^2/NDF : 16822187.9/28

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2239.746+/-854.217 χ^2/NDF : 8.3/12

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

Right Out: 2460.678+/-812.216 χ^2/NDF : 10.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

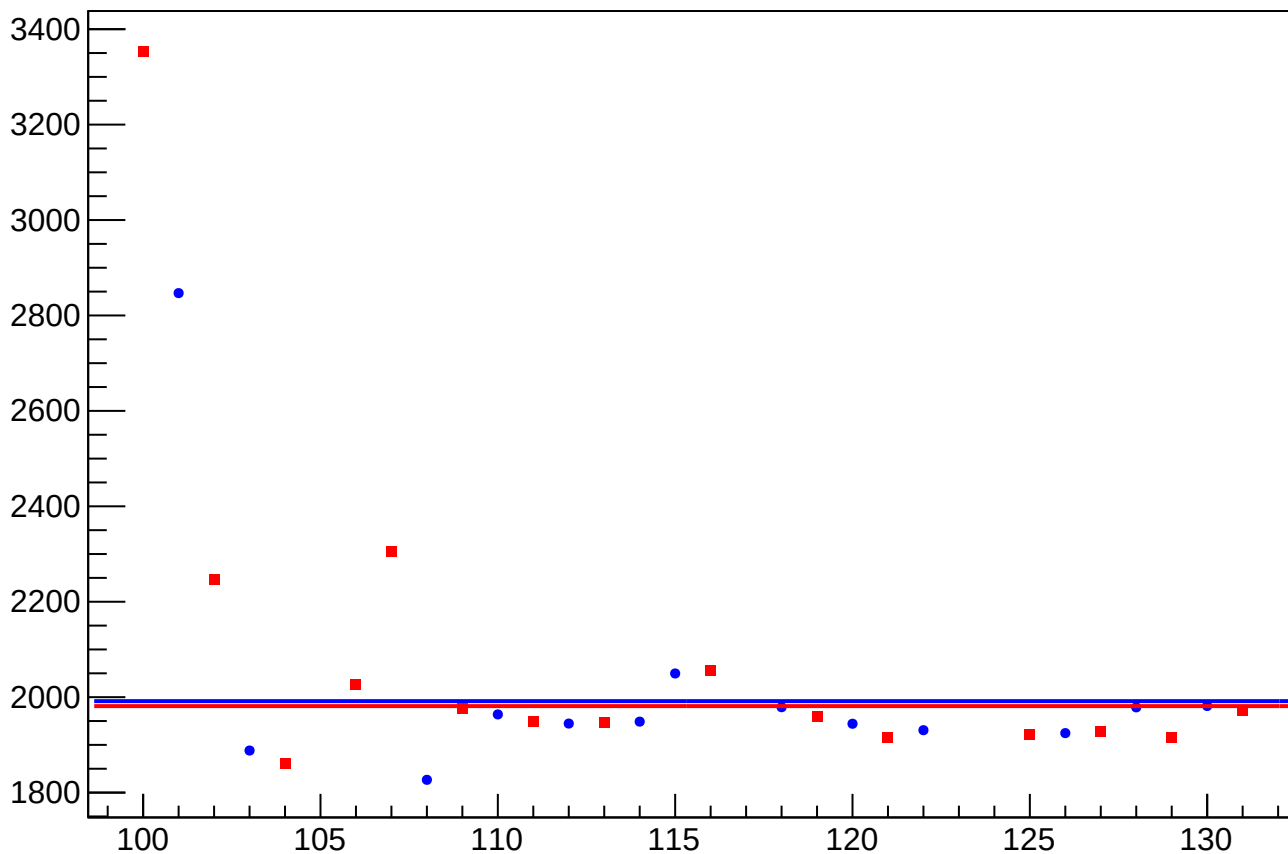
Right: 2355.777+/-588.612 χ^2/NDF : 18.9/27

In: 2239.746+/-854.217 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.777+/-588.612 χ^2/NDF : 18.9/27

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1991.649+/-0.604 χ^2/NDF : 129213.5/12

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

Right Out: 1981.268+/-0.573 χ^2/NDF : 57557.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

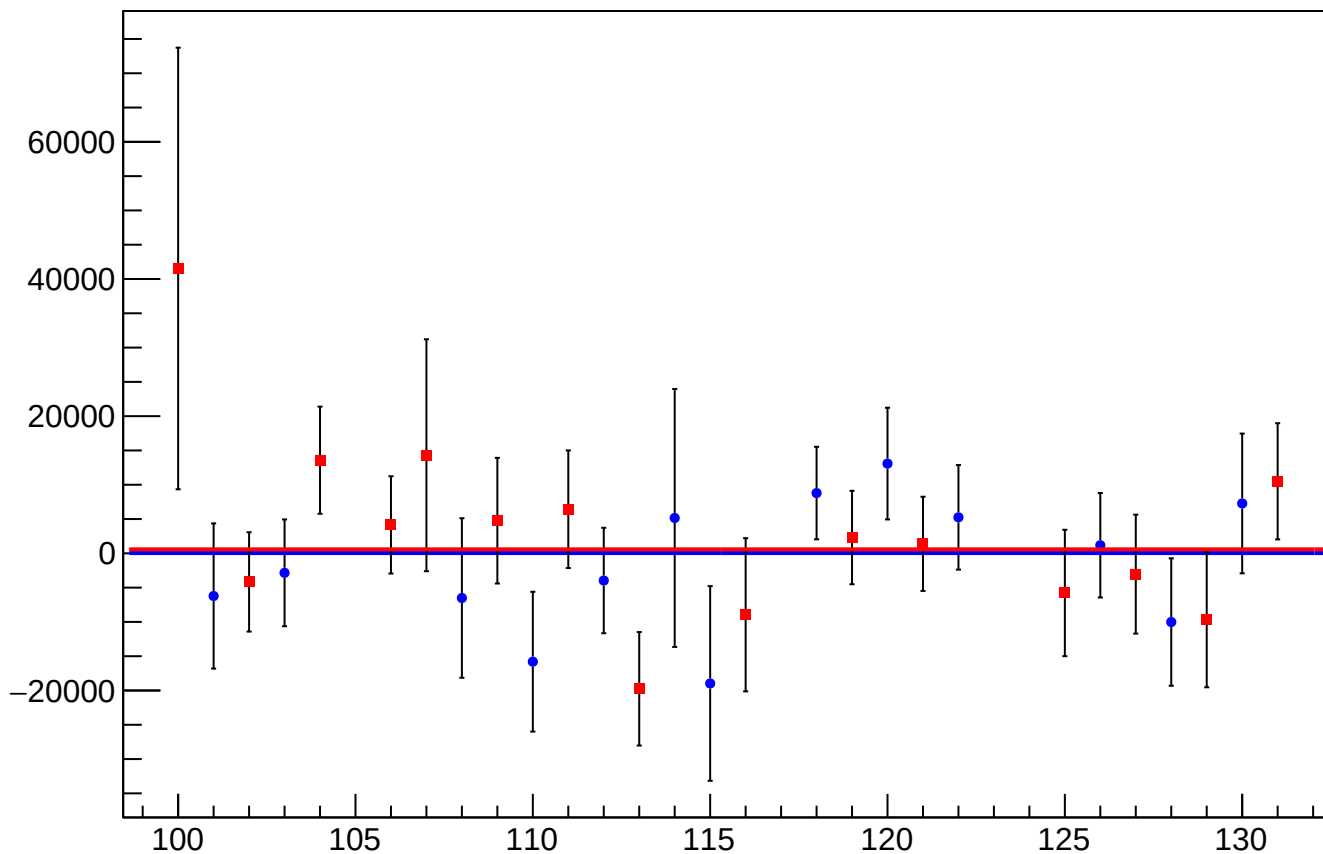
Right: 1986.189+/-0.416 χ^2/NDF : 186926.0/27

In: 1991.649+/-0.604 χ^2/NDF : 129213.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.189+/-0.416 χ^2/NDF : 186926.0/27

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: 37.251+/-2501.281 χ^2/NDF : 11.8/12

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

Right Out: 580.934+/-2236.347 χ^2/NDF : 16.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

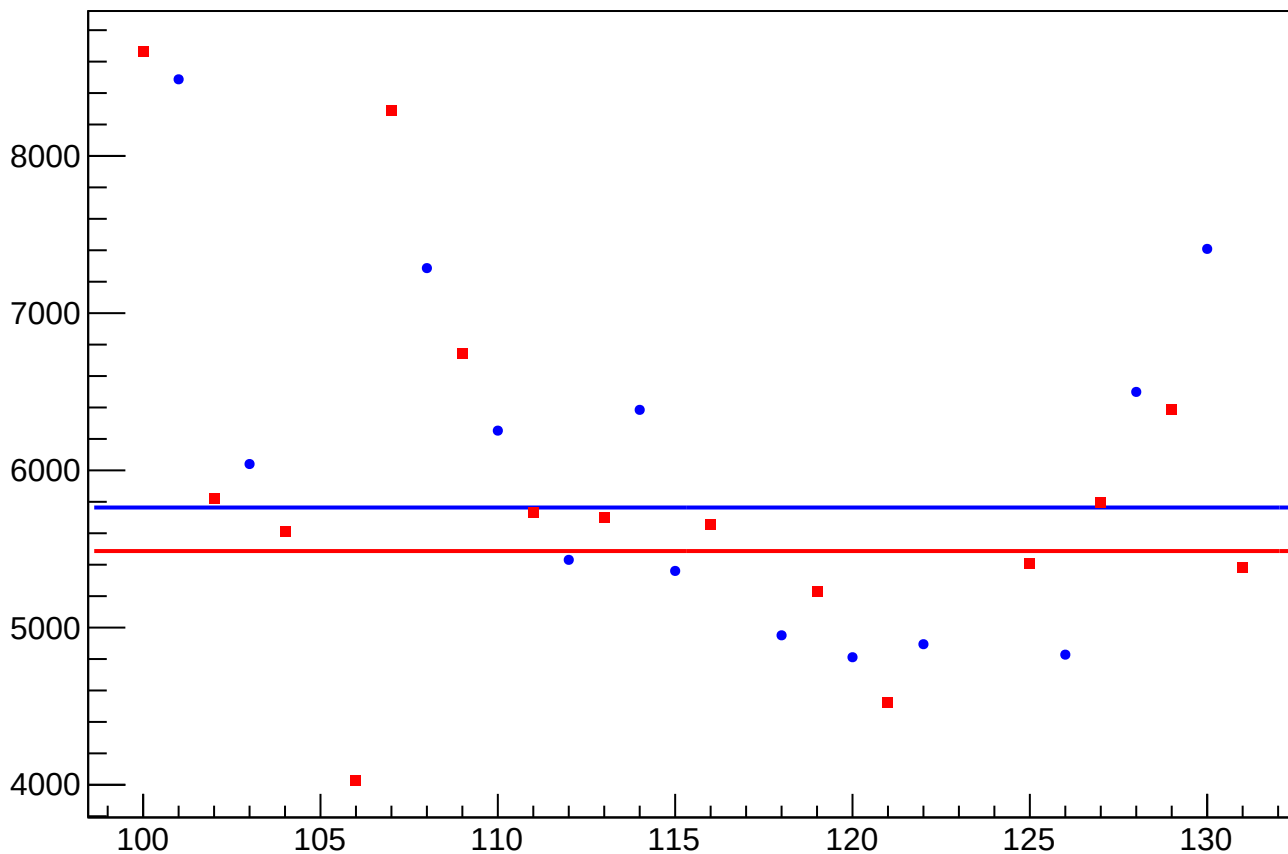
Right: 339.401+/-1667.162 χ^2/NDF : 28.2/27

In: 37.251+/-2501.281 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.401+/-1667.162 χ^2/NDF : 28.2/27

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5763.818+/-1.769 χ^2/NDF : 358570.4/12

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

Right Out: 5486.837+/-1.581 χ^2/NDF : 266528.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

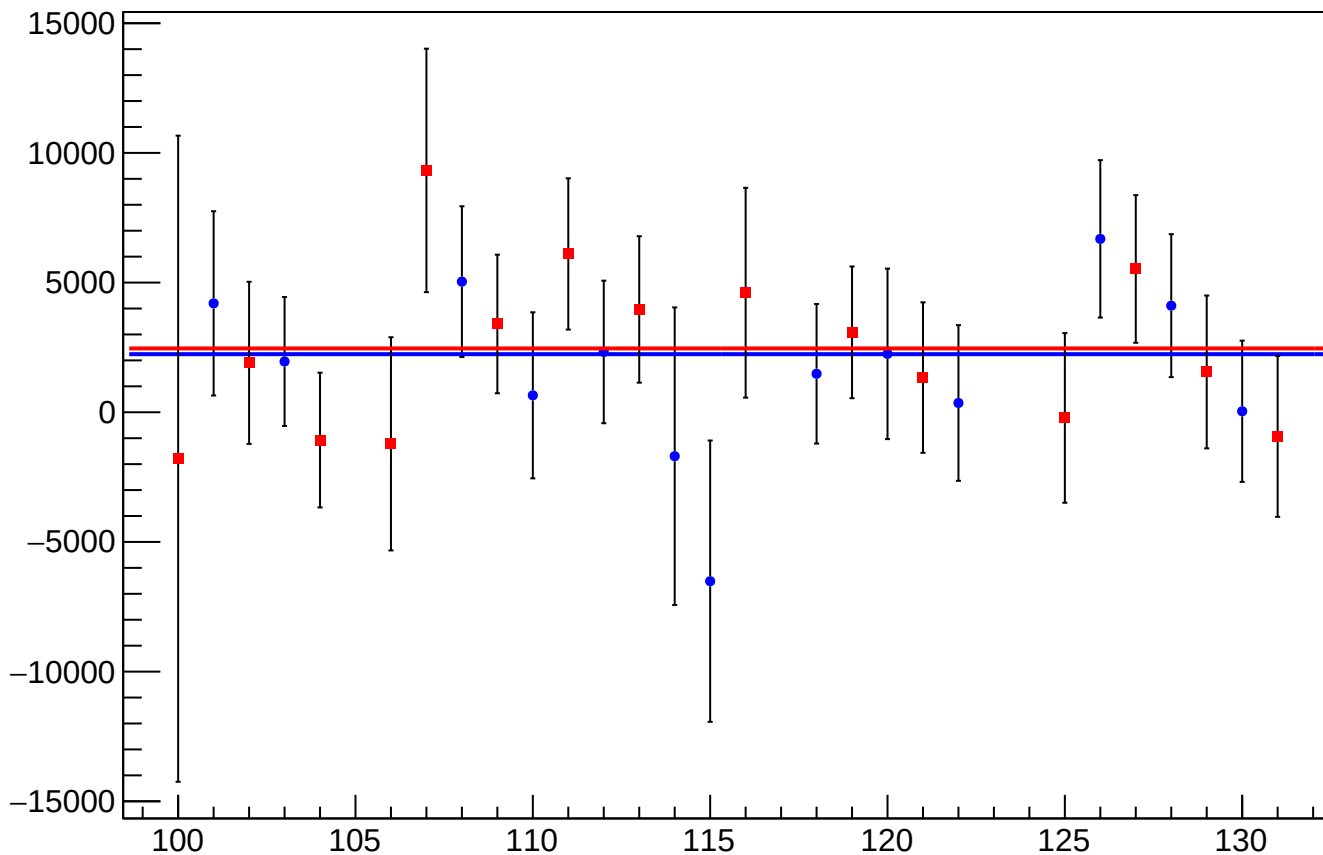
Right: 5609.887+/-1.179 χ^2/NDF : 638728.3/27

In: 5763.818+/-1.769 χ^2/NDF : 358570.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5609.887+/-1.179 χ^2/NDF : 638728.3/27

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2239.754 $\pm$ 854.217 χ^2 /NDF: 8.3/12

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

Right Out: 2460.687 $\pm$ 812.216 χ^2 /NDF: 10.5/14

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

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

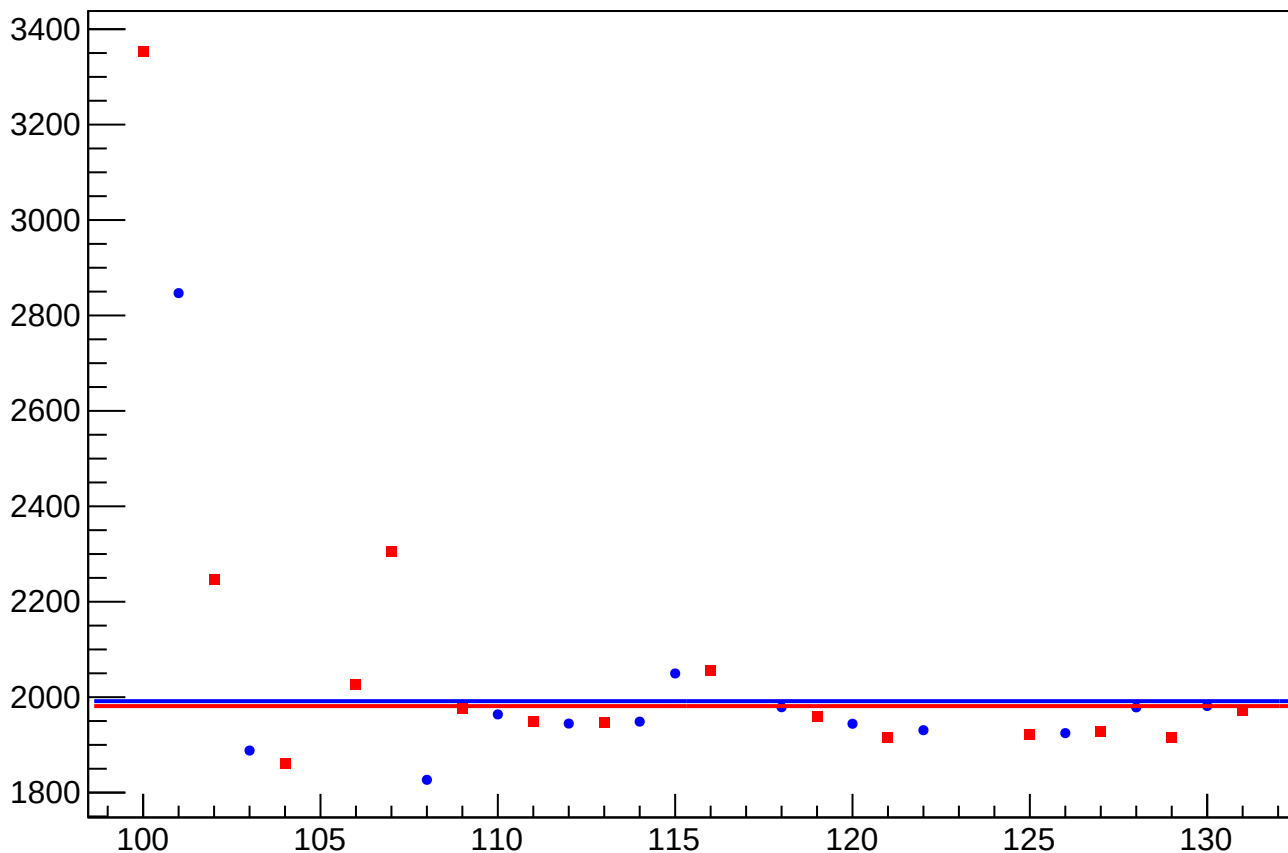
Right: 2355.785 $\pm$ 588.612 χ^2 /NDF: 18.9/27

In: 2239.754 $\pm$ 854.217 χ^2 /NDF:8.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2355.785 $\pm$ 588.612 χ^2 /NDF: 18.9/27

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1991.650+/-0.604 χ^2/NDF : 129213.2/12

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

Right Out: 1981.268+/-0.573 χ^2/NDF : 57557.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

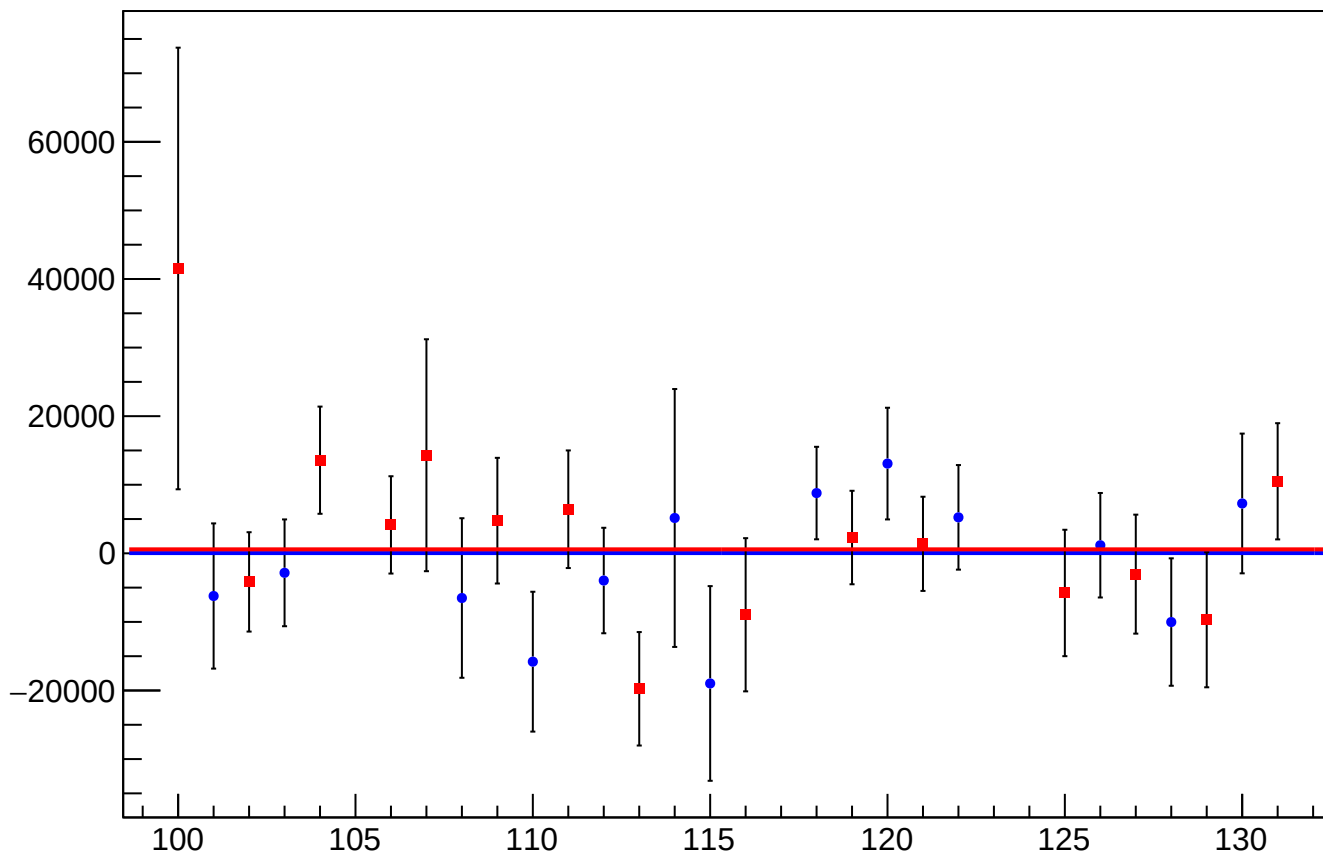
Right: 1986.189+/-0.416 χ^2/NDF : 186925.7/27

In: 1991.650+/-0.604 χ^2/NDF : 129213.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.189+/-0.416 χ^2/NDF : 186925.7/27

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 37.260+/-2501.272 χ^2/NDF : 11.8/12

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

Right Out: 580.939+/-2236.340 χ^2/NDF : 16.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

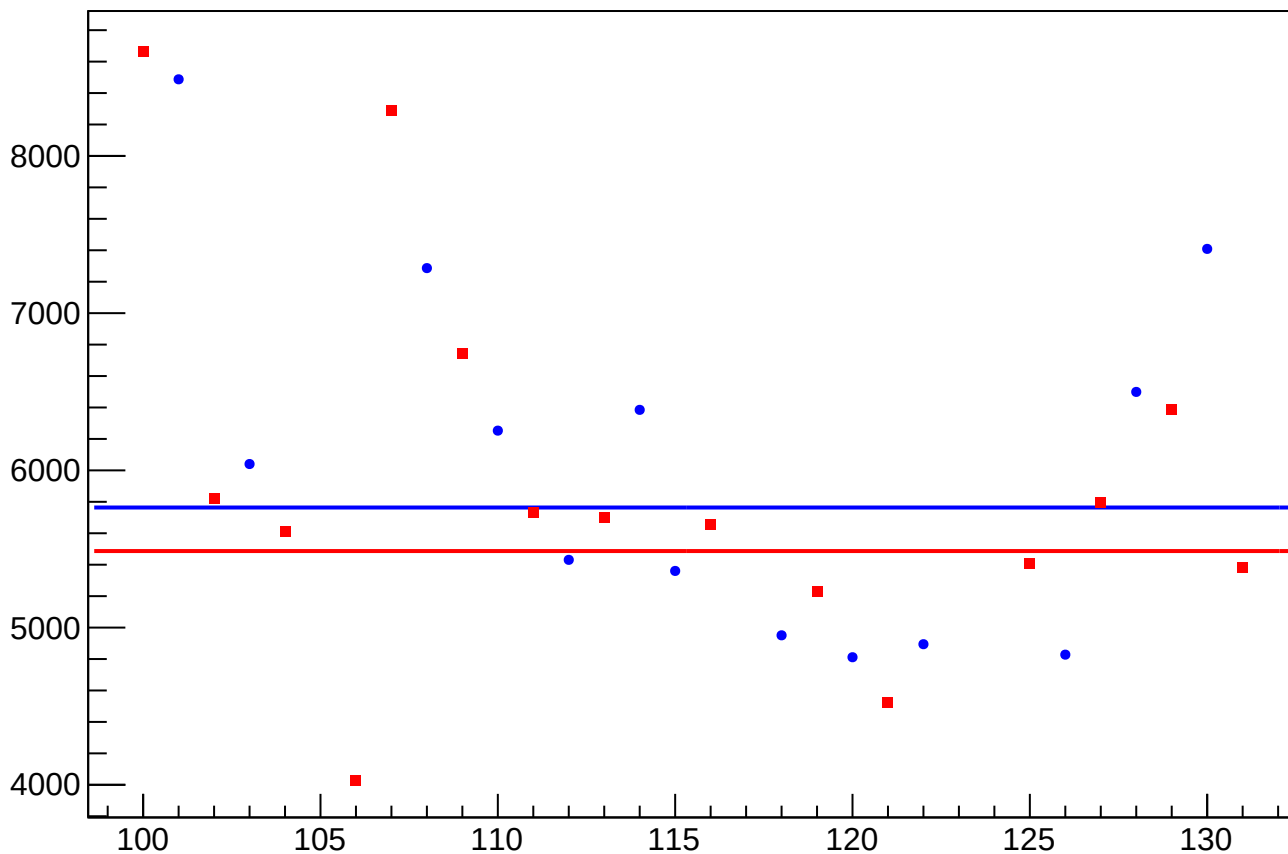
Right: 339.408+/-1667.156 χ^2/NDF : 28.2/27

In: 37.260+/-2501.272 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.408+/-1667.156 χ^2/NDF : 28.2/27

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5763.796+/-1.769 χ^2/NDF : 358574.2/12

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

Right Out: 5486.821+/-1.581 χ^2/NDF : 266529.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

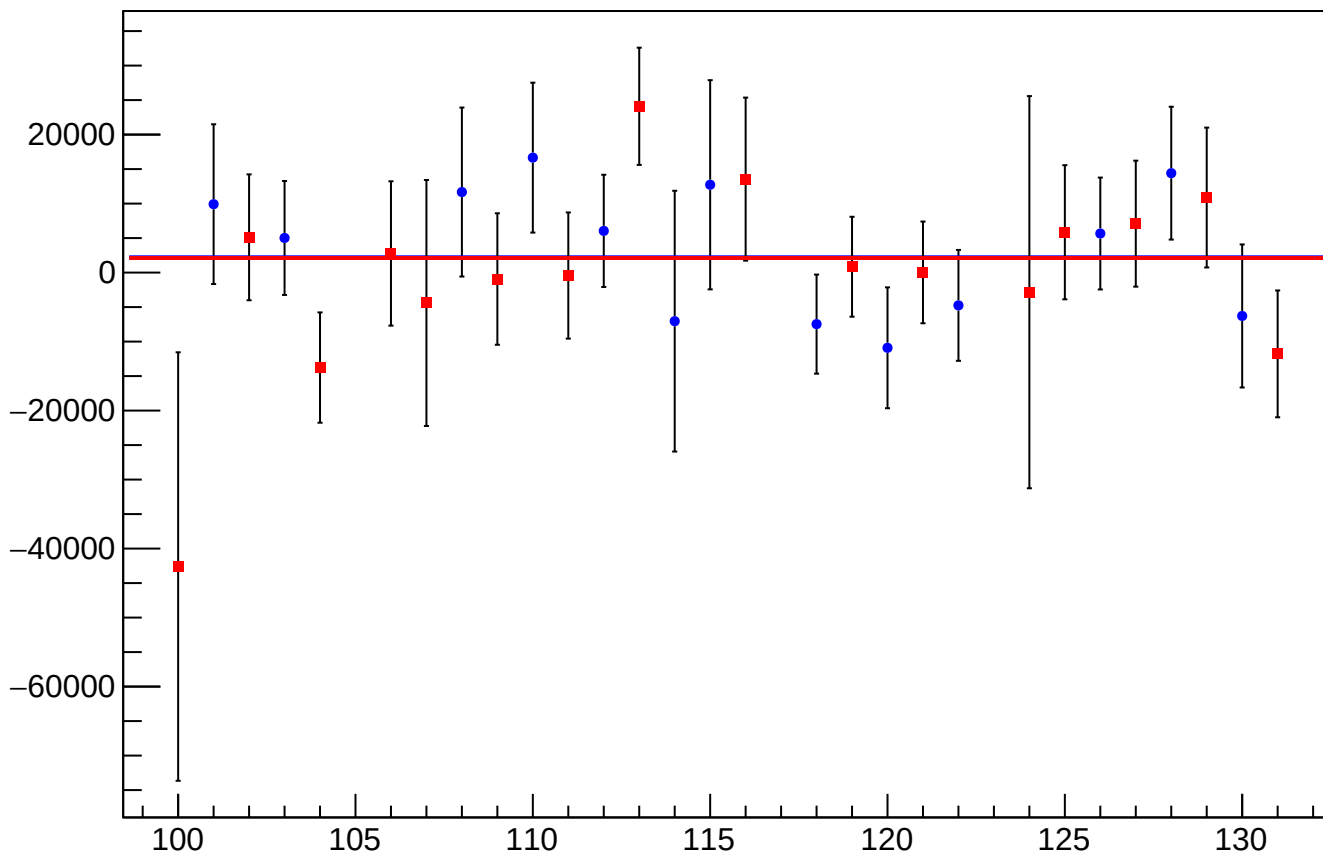
Right: 5609.868+/-1.179 χ^2/NDF : 638732.8/27

In: 5763.796+/-1.769 χ^2/NDF : 358574.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5609.868+/-1.179 χ^2/NDF : 638732.8/27

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2213.298+/-2646.512 χ^2/NDF : 11.1/12

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

Right Out: 2117.479+/-2440.707 χ^2/NDF : 17.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

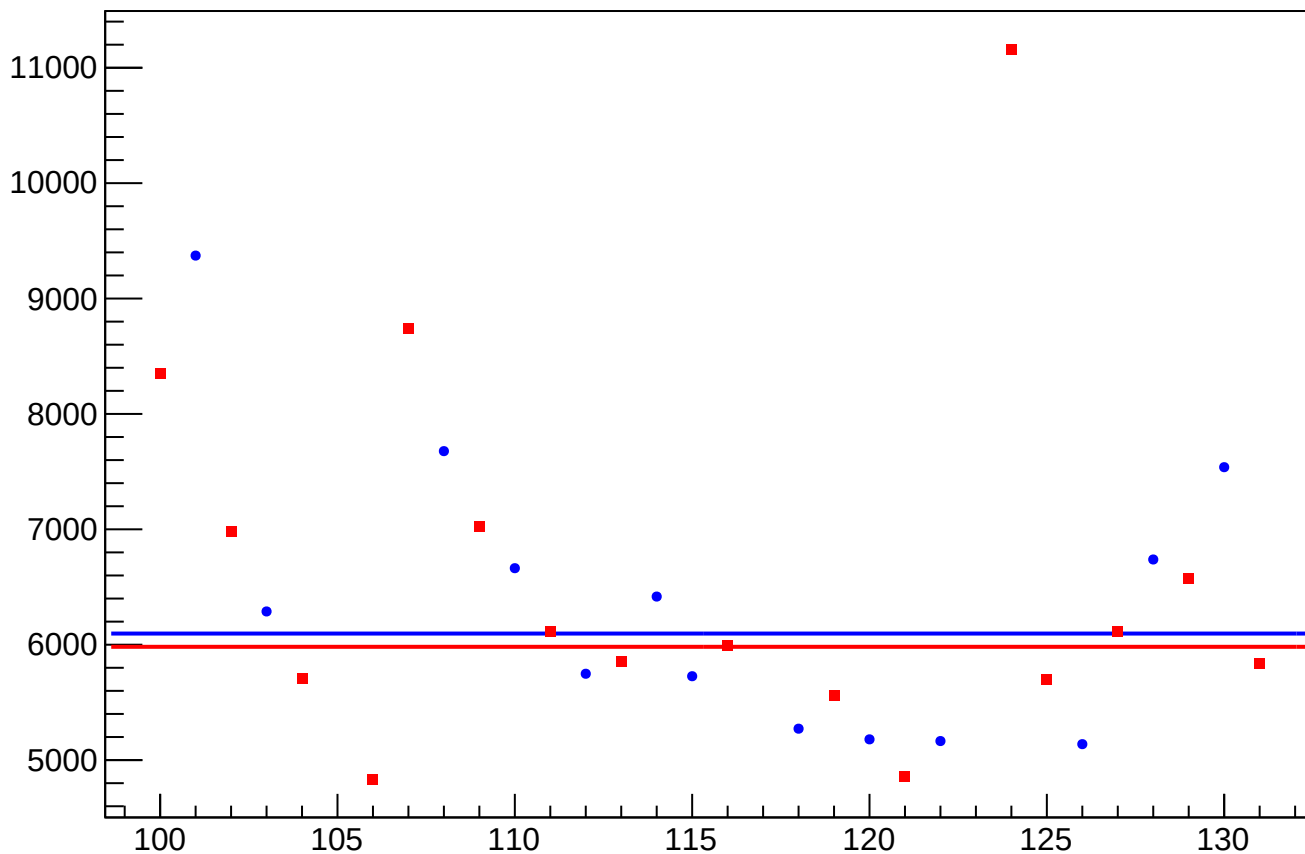
Right: 2161.518+/-1794.192 χ^2/NDF : 28.8/28

In: 2213.298+/-2646.512 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2161.518+/-1794.192 χ^2/NDF : 28.8/28

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6096.652+/-1.871 χ^2/NDF : 356071.3/12

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

Right Out: 5981.802+/-1.726 χ^2/NDF : 263456.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

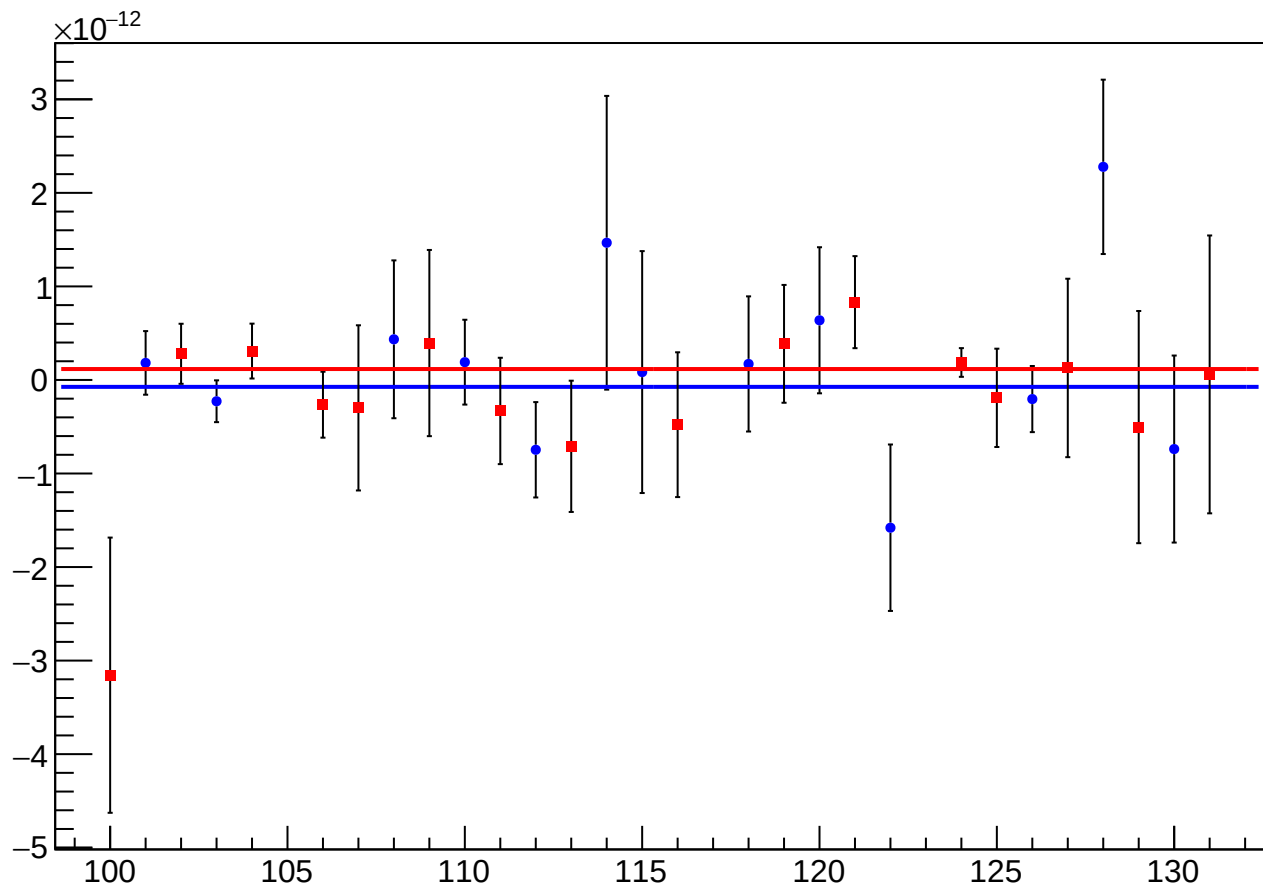
Right: 6034.588+/-1.269 χ^2/NDF : 621563.6/28

In: 6096.652+/-1.871 χ^2/NDF : 356071.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6034.588+/-1.269 χ^2/NDF : 621563.6/28

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

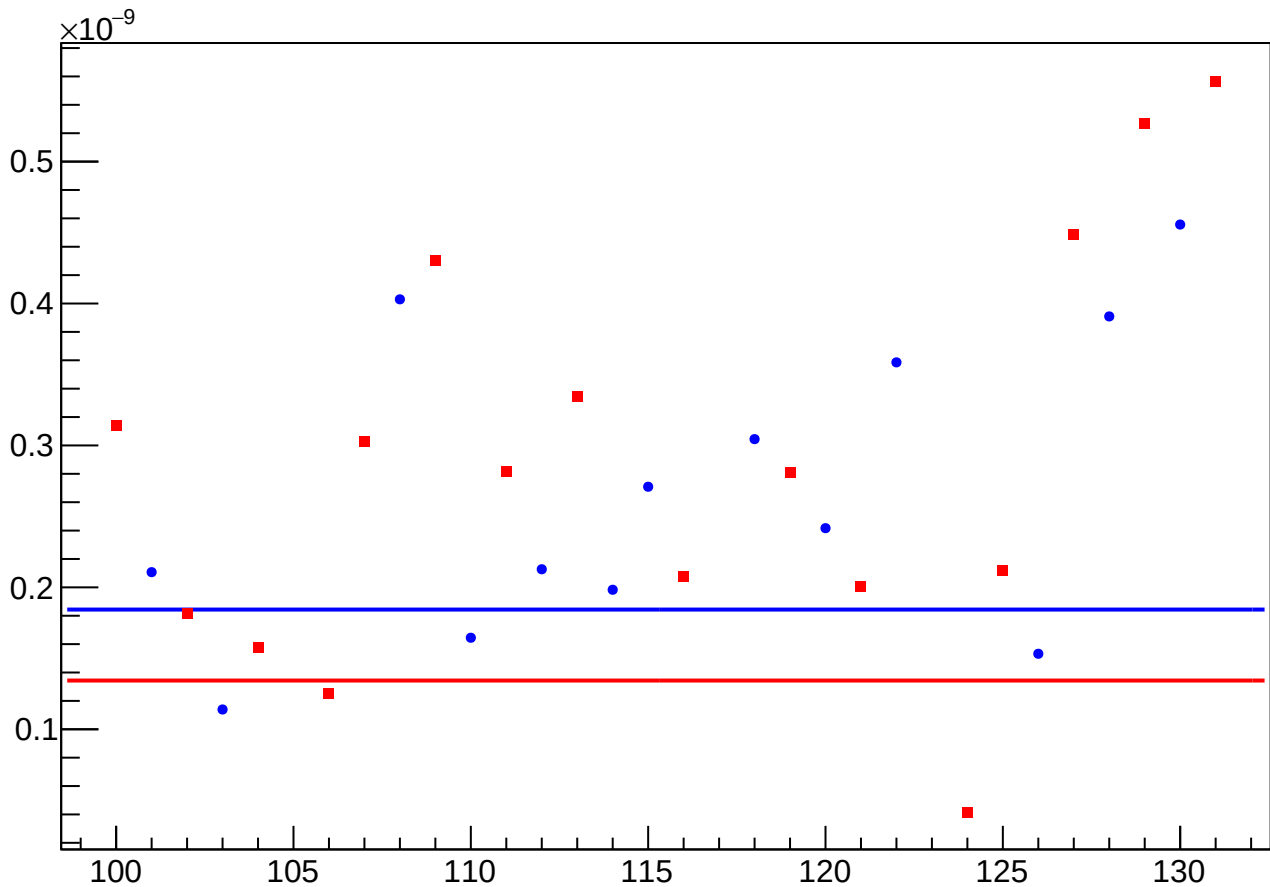
Right: 0.000+/-0.000 χ^2/NDF : 29.3/28

In: -0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/28

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767700.1/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2154433.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

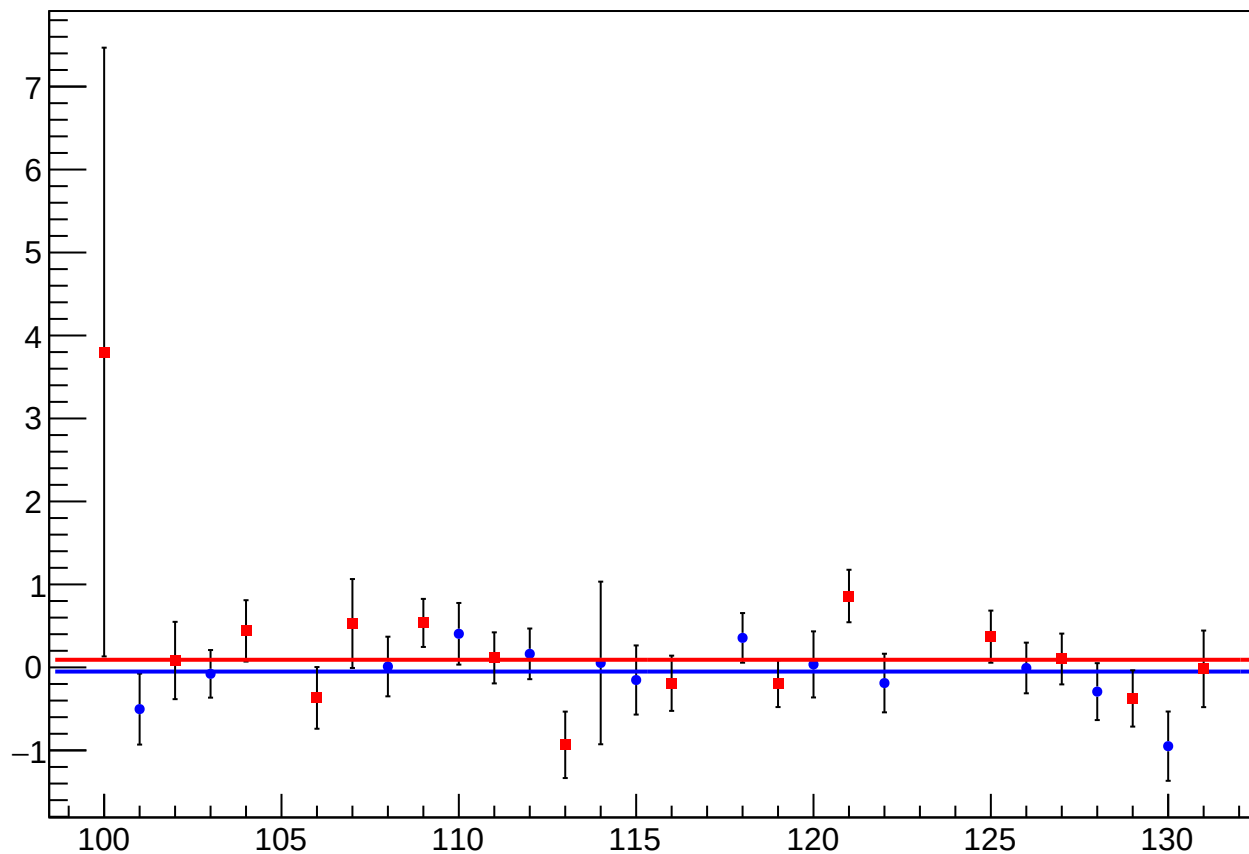
Right: 0.000+/-0.000 χ^2/NDF : 3095164.0/28

In: 0.000+/-0.000 χ^2/NDF : 767700.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3095164.0/28

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.100 χ^2/NDF : 10.4/12

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

Right Out: 0.092+/-0.092 χ^2/NDF : 23.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

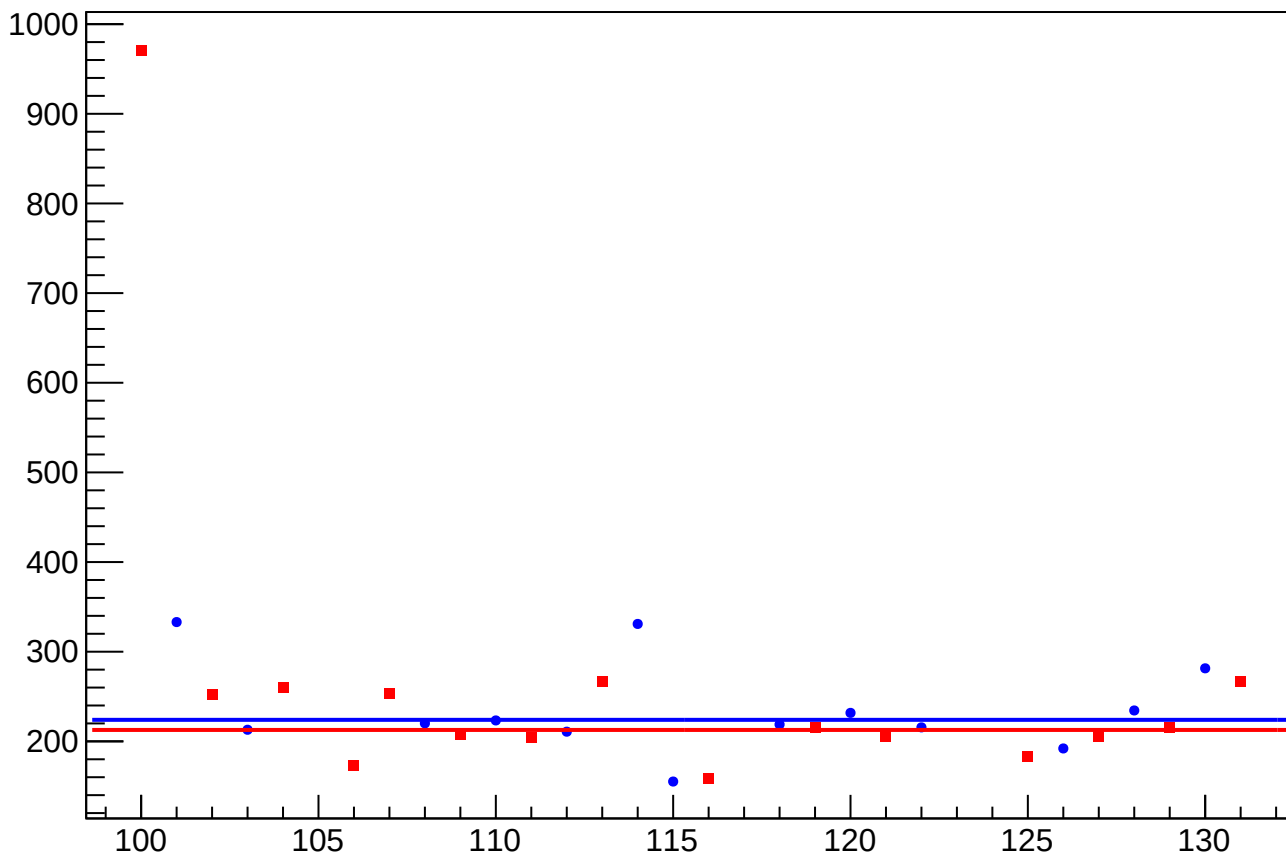
Right: 0.026+/-0.068 χ^2/NDF : 34.9/27

In: -0.050+/-0.100 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.068 χ^2/NDF : 34.9/27

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.004+/-0.071 χ^2/NDF : 279402.8/12

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

Right Out: 212.730+/-0.065 χ^2/NDF : 304706.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

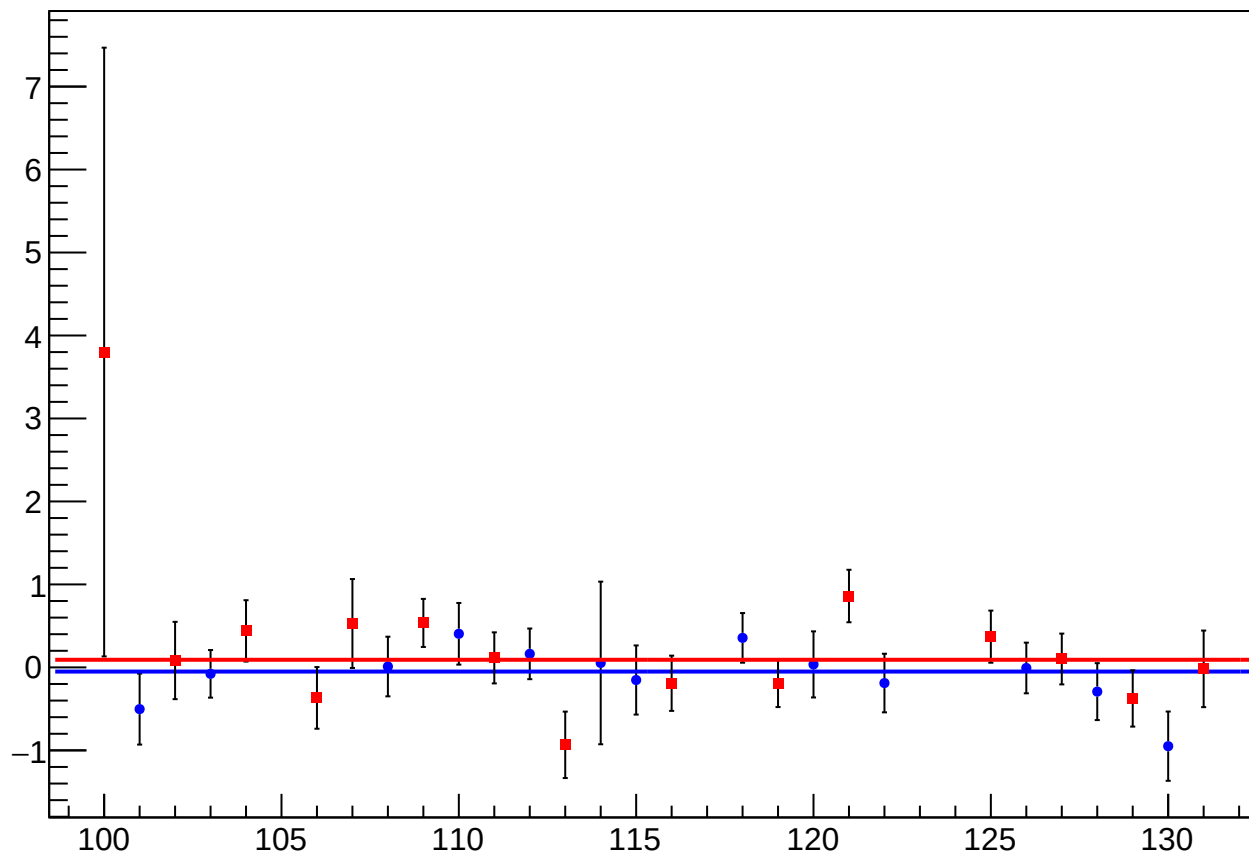
Right: 217.937+/-0.048 χ^2/NDF : 597870.8/27

In: 224.004+/-0.071 χ^2/NDF : 279402.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.937+/-0.048 χ^2/NDF : 597870.8/27

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

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

Right Out: 0.092 ± 0.092 χ^2/NDF : 23.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

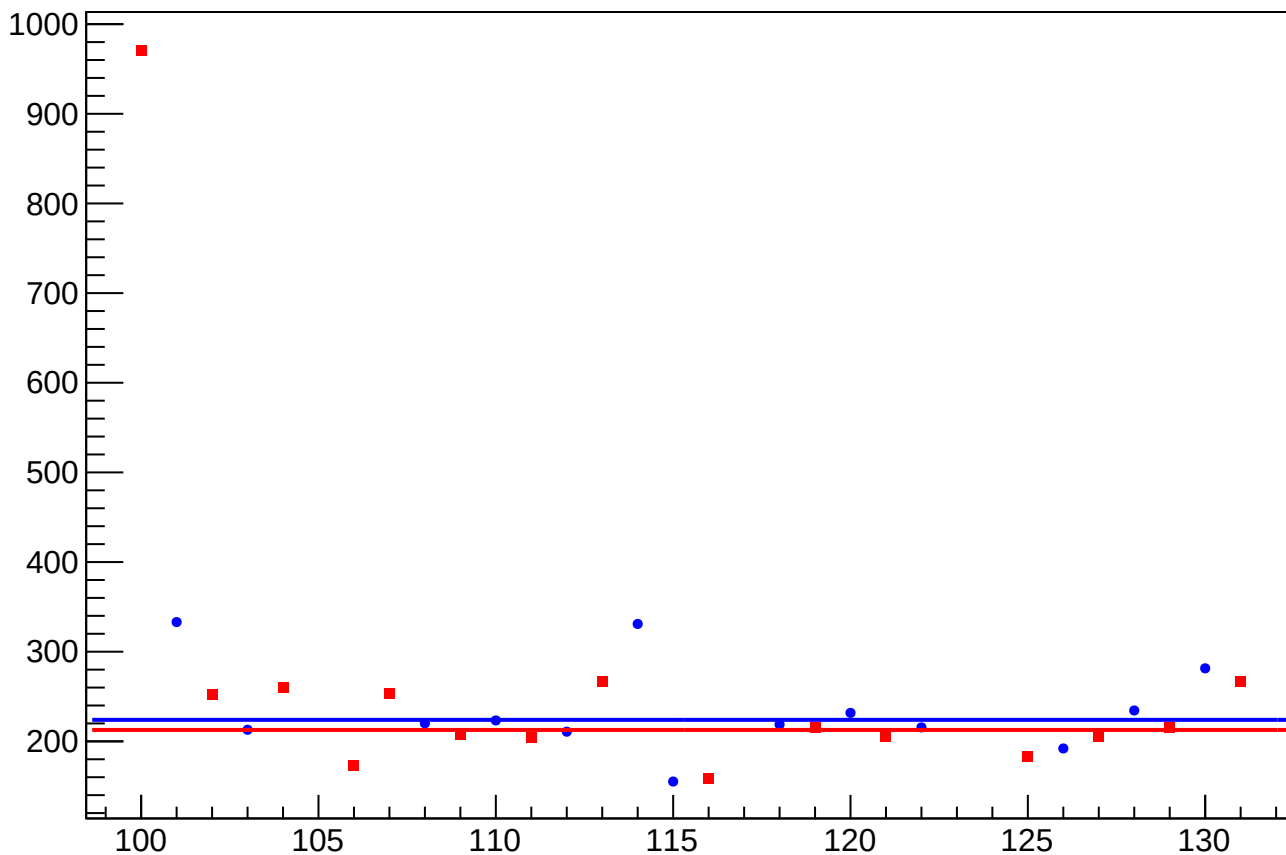
Right: 0.026 ± 0.068 χ^2/NDF : 34.9/27

In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.068 χ^2/NDF : 34.9/27

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.004+/-0.071 χ^2/NDF : 279402.8/12

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

Right Out: 212.730+/-0.065 χ^2/NDF : 304706.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

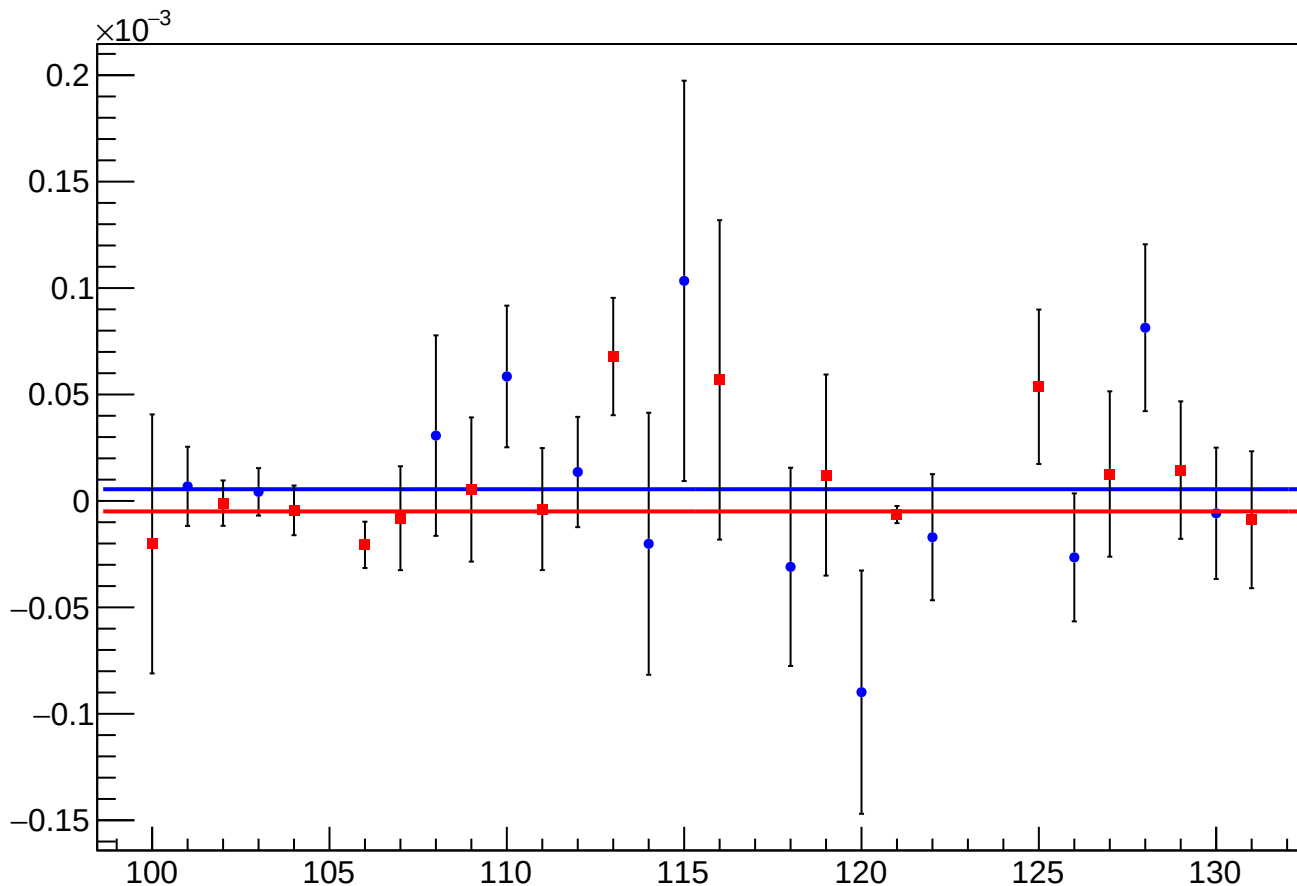
Right: 217.937+/-0.048 χ^2/NDF : 597870.8/27

In: 224.004+/-0.071 χ^2/NDF :279402.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 217.937+/-0.048 χ^2/NDF : 597870.8/27

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.2/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

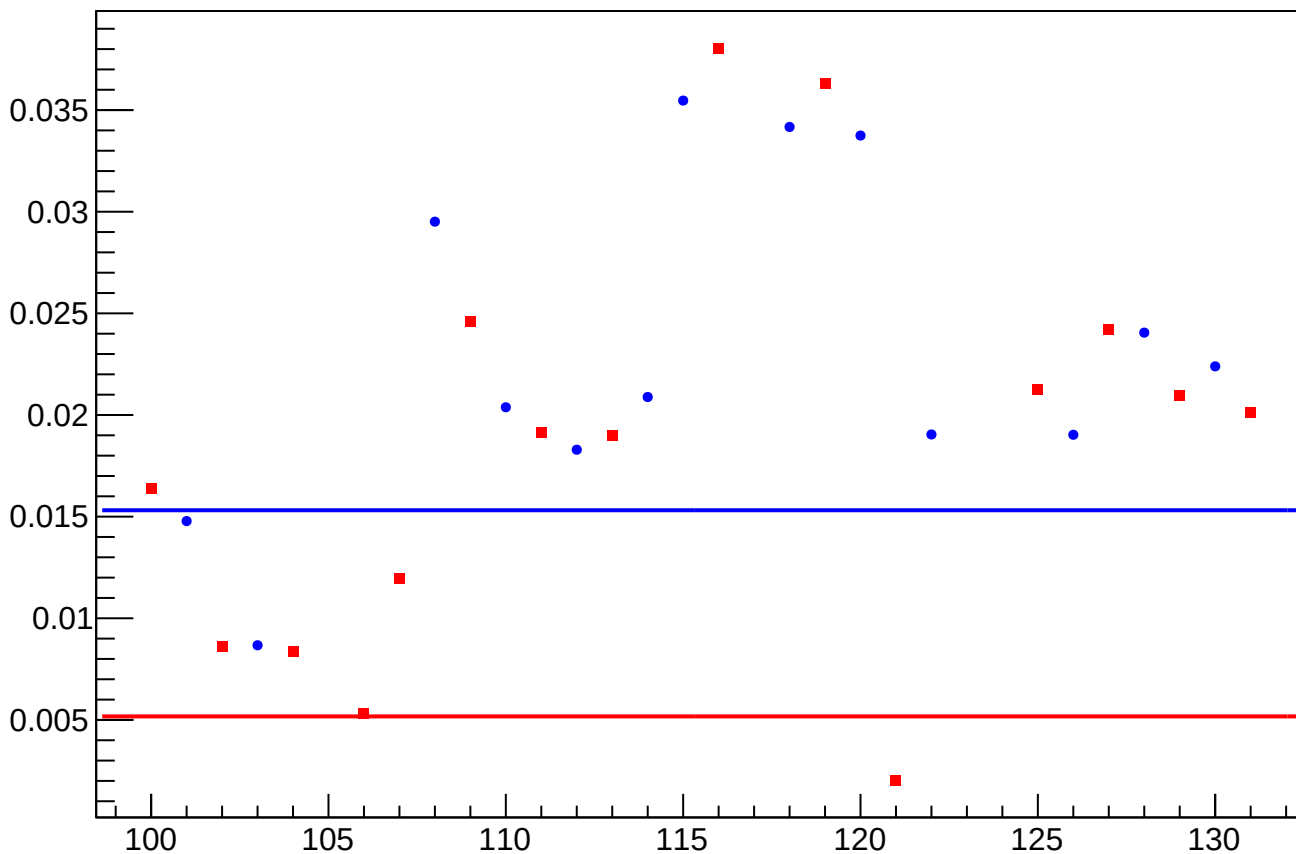
Right: -0.000+/-0.000 χ^2/NDF : 28.4/27

In: 0.000+/-0.000 χ^2/NDF : 13.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/27

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1877402.5/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 6490974.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

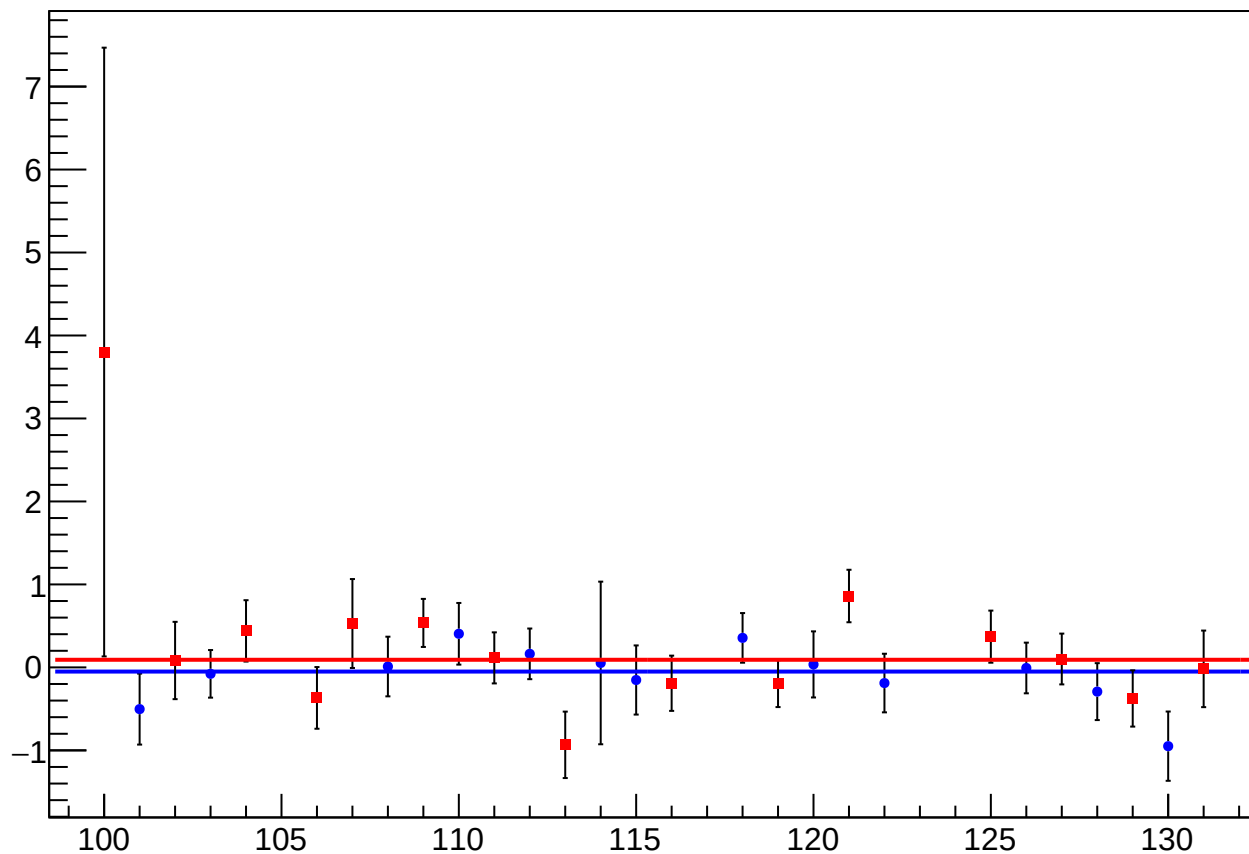
Right: 0.007+/-0.000 χ^2/NDF : 11611763.5/27

In: 0.015+/-0.000 χ^2/NDF : 1877402.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 11611763.5/27

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050±/-0.100 χ^2/NDF : 10.4/12

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

Right Out: 0.092±/-0.092 χ^2/NDF : 23.4/14

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

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

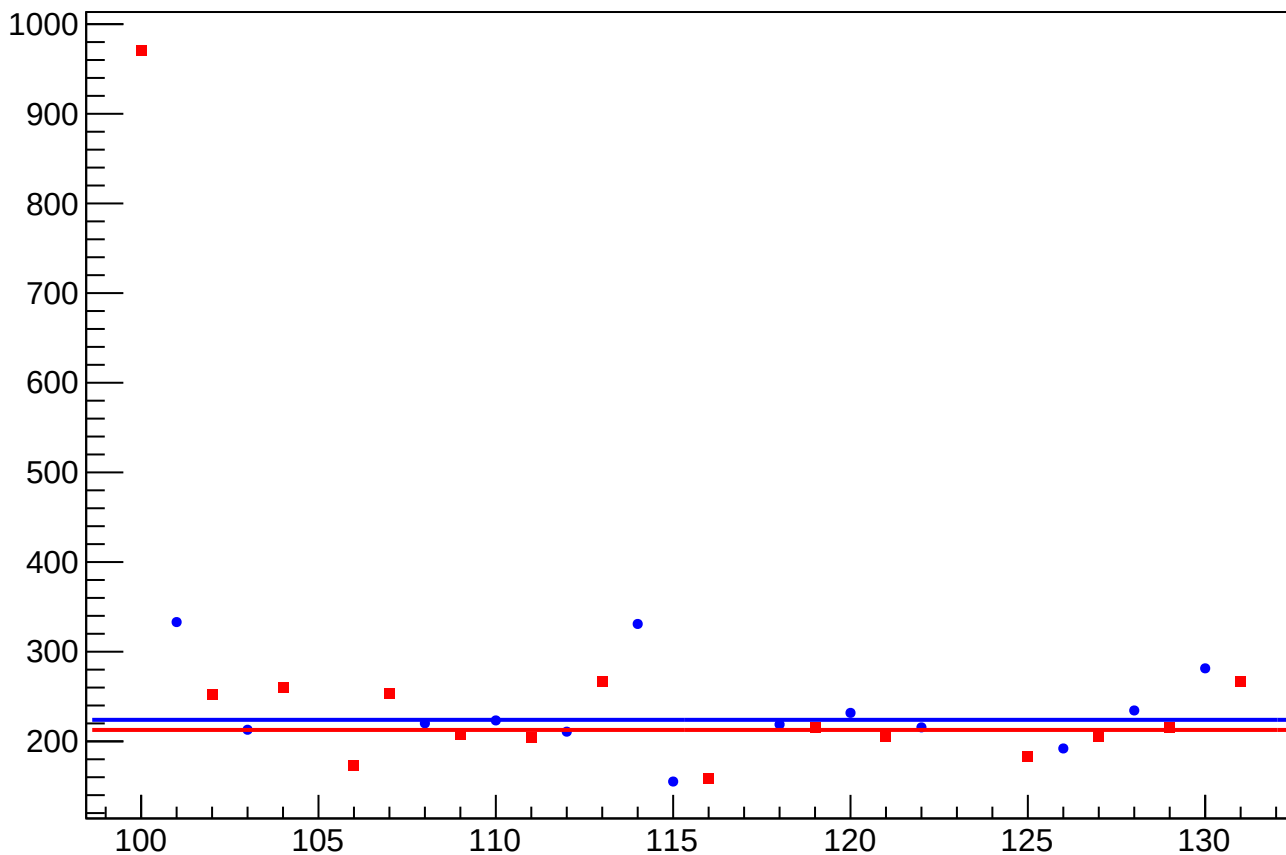
Right: 0.026±/-0.068 χ^2/NDF : 34.9/27

In: -0.050±/-0.100 χ^2/NDF : 10.4/12

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: 0.026±/-0.068 χ^2/NDF : 34.9/27

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.005 $\pm$ 0.071 χ^2 /NDF: 279360.7/12

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

Right Out: 212.732 $\pm$ 0.065 χ^2 /NDF: 304666.8/14

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

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

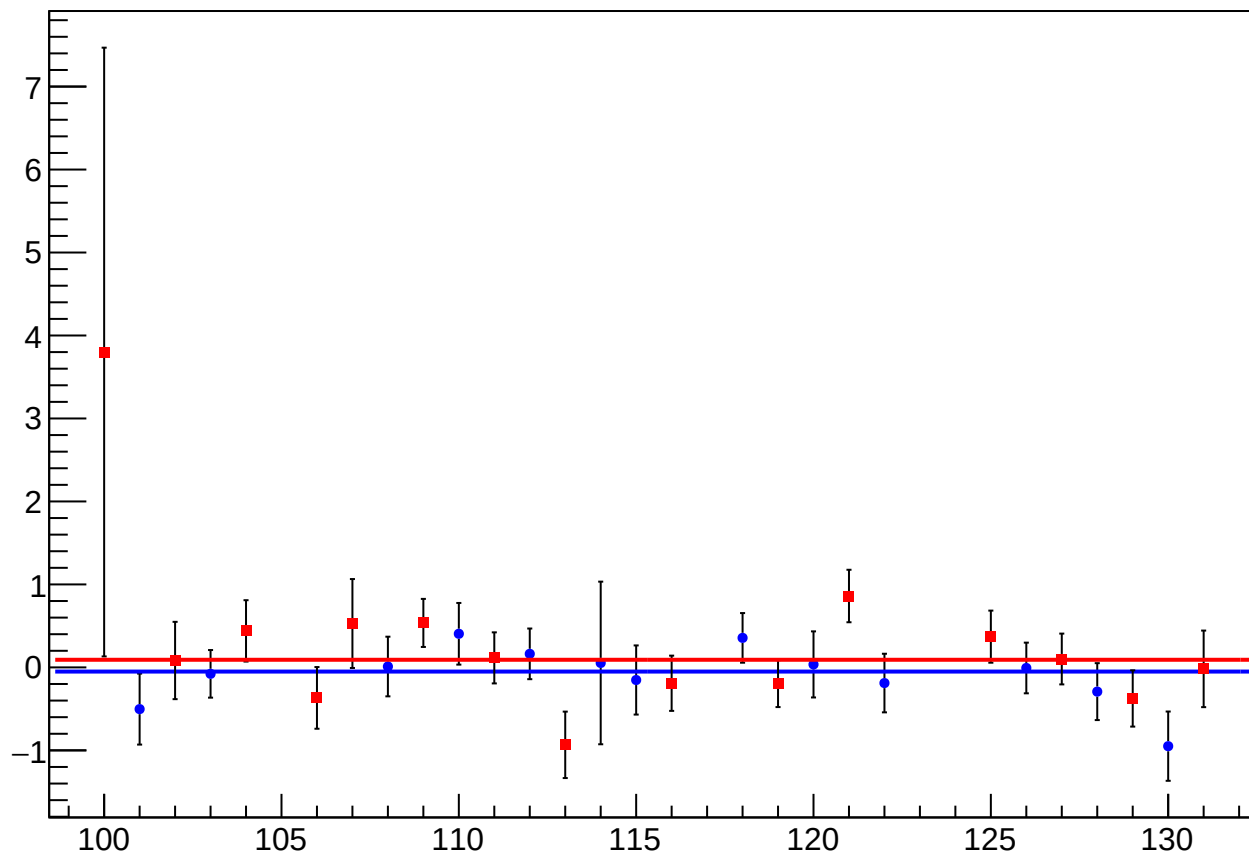
Right: 217.938 $\pm$ 0.048 χ^2 /NDF: 597787.1/27

In: 224.005 $\pm$ 0.071 χ^2 /NDF:279360.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.938 $\pm$ 0.048 χ^2 /NDF: 597787.1/27

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.100 χ^2 /NDF: 10.4/12

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

Right Out: 0.092+/-0.092 χ^2 /NDF: 23.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

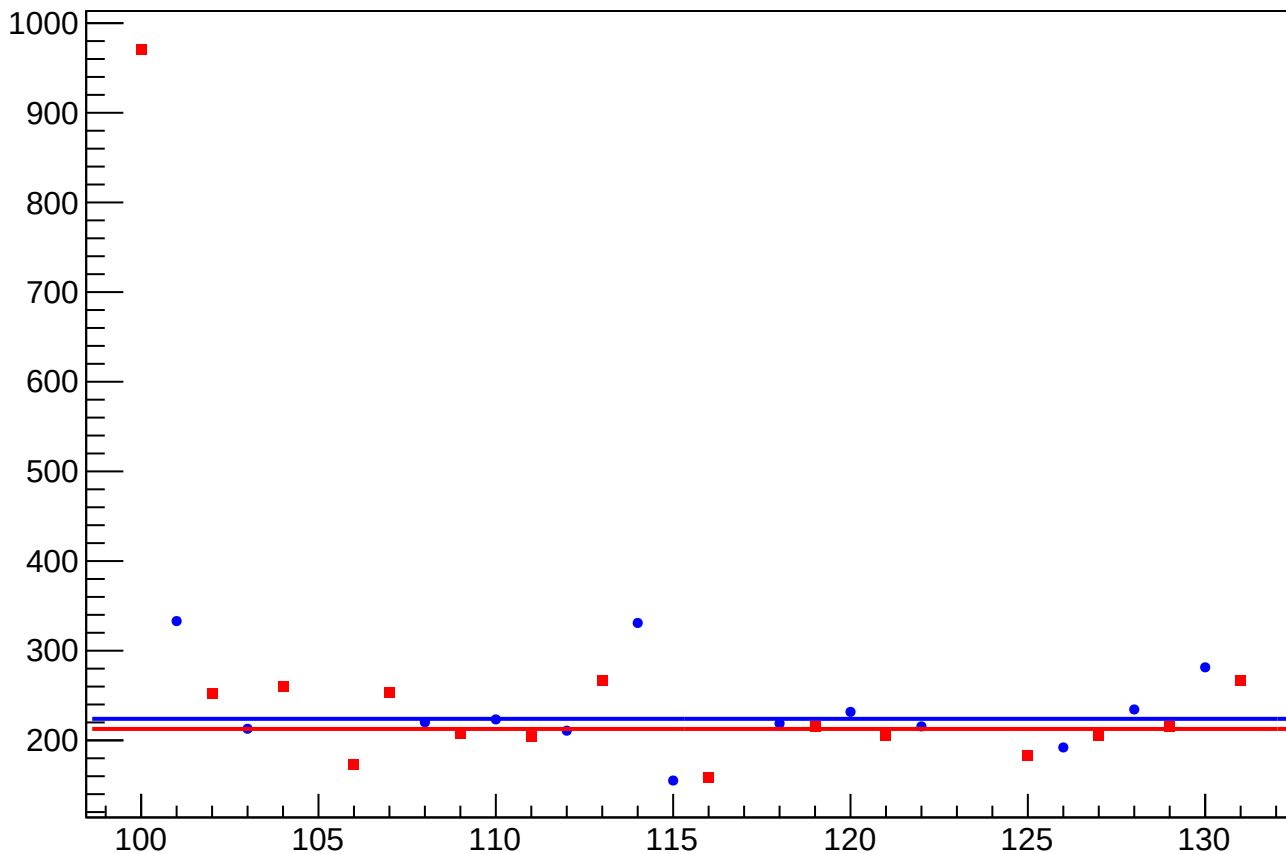
Right: 0.026+/-0.068 χ^2 /NDF: 34.9/27

In: -0.050+/-0.100 χ^2 /NDF:10.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.026+/-0.068 χ^2 /NDF: 34.9/27

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.005 $\pm$ 0.071 χ^2 /NDF: 279360.7/12

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

Right Out: 212.732 $\pm$ 0.065 χ^2 /NDF: 304666.8/14

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

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

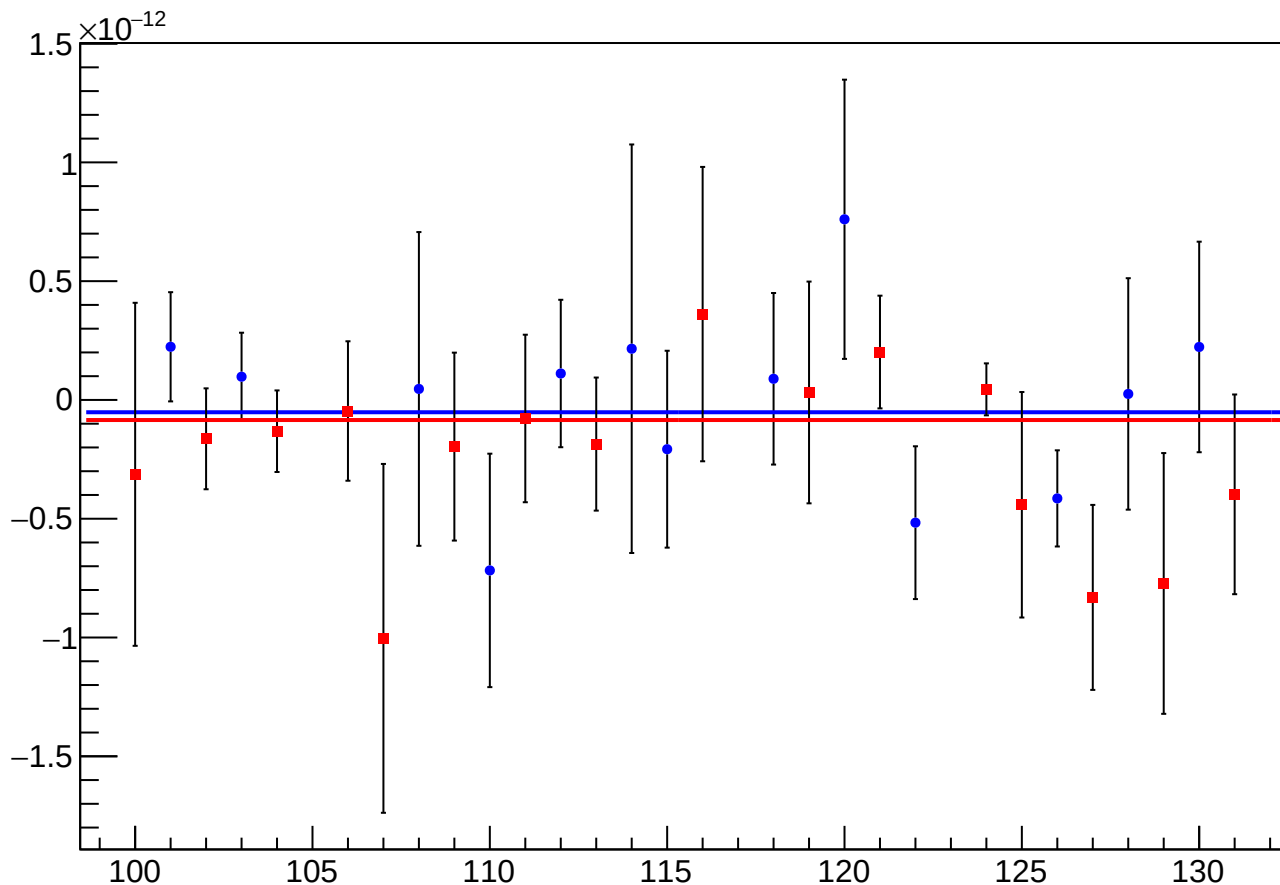
Right: 217.938 $\pm$ 0.048 χ^2 /NDF: 597787.1/27

In: 224.005 $\pm$ 0.071 χ^2 /NDF:279360.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.938 $\pm$ 0.048 χ^2 /NDF: 597787.1/27

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

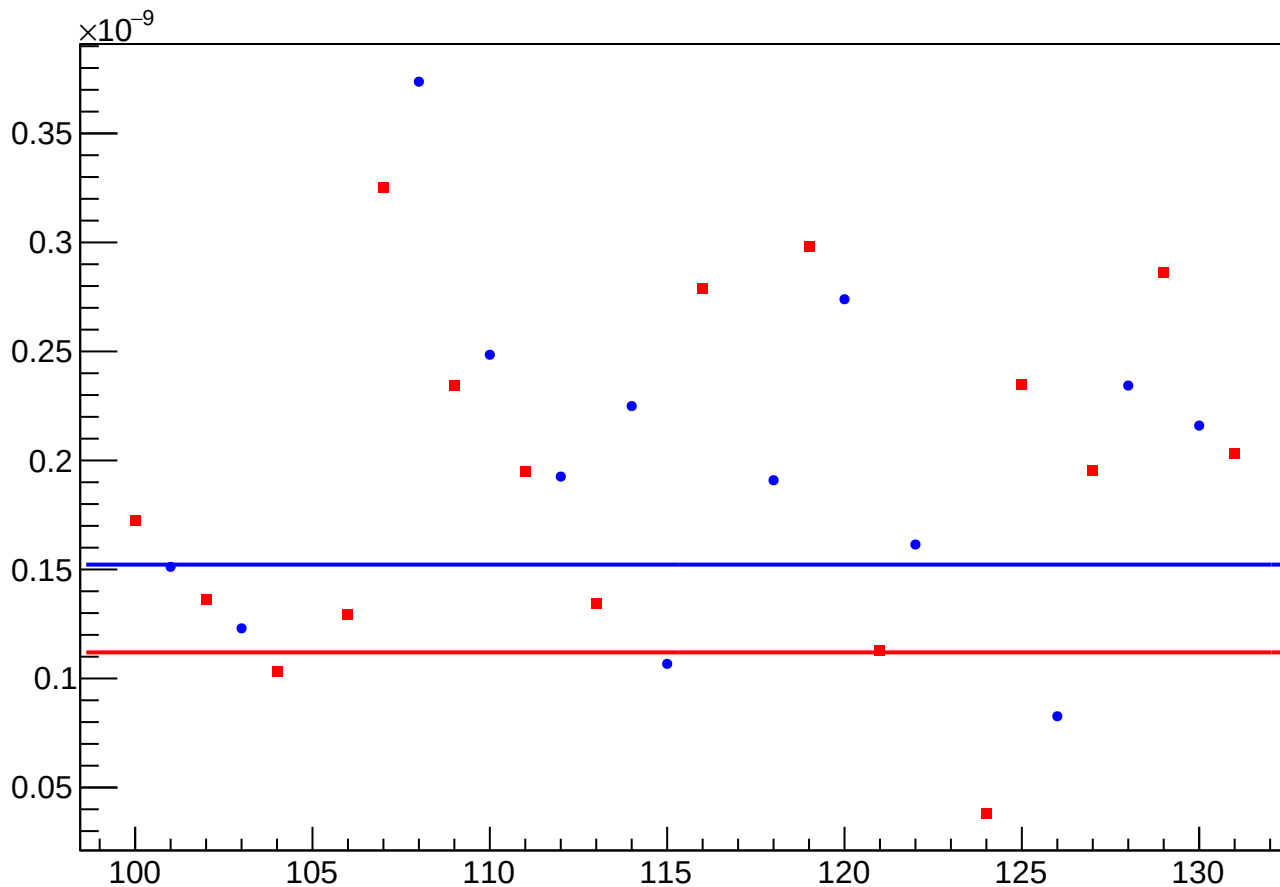
Right: -0.000+/-0.000 χ^2/NDF : 24.2/28

In: -0.000+/-0.000 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/28

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 868759.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2436245.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

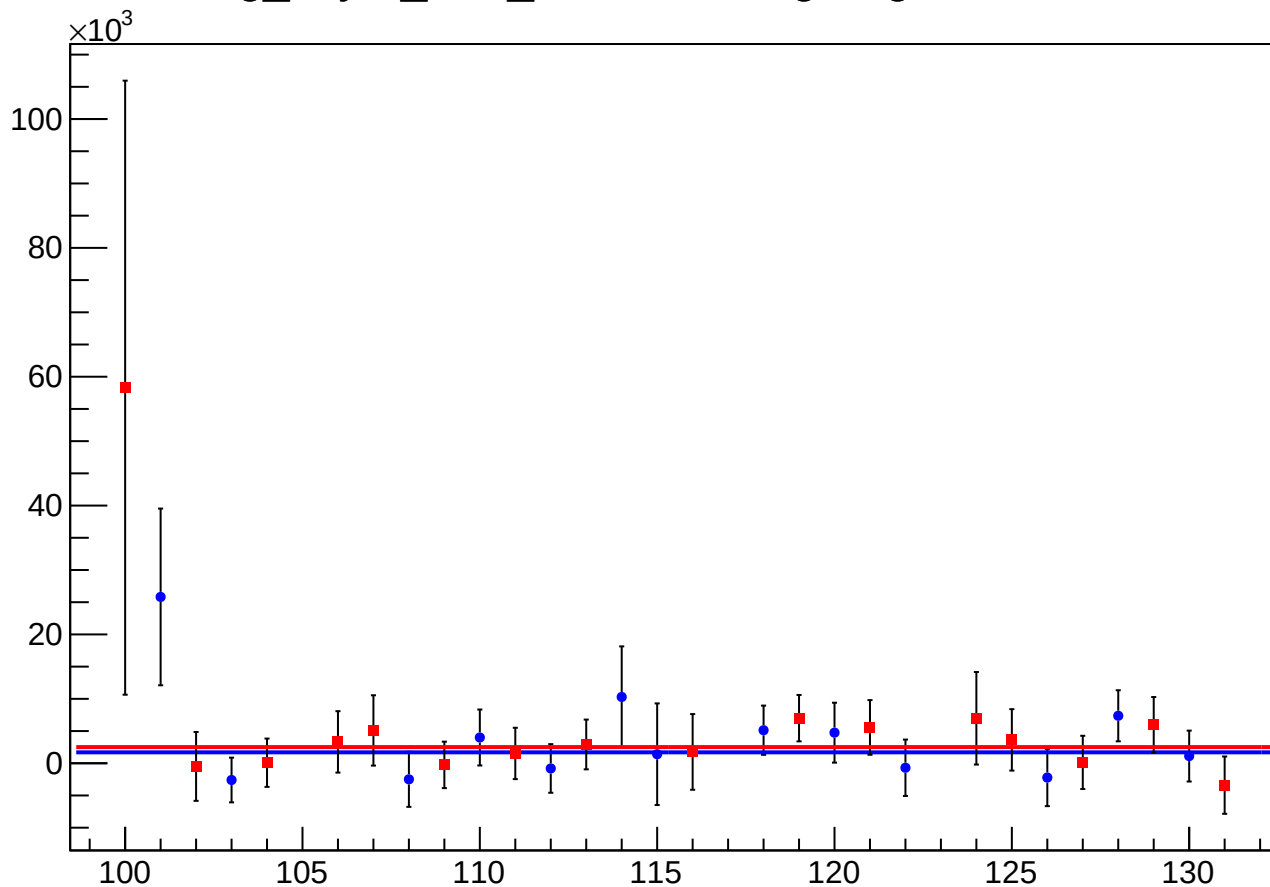
Right: 0.000+/-0.000 χ^2/NDF : 3567832.5/28

In: 0.000+/-0.000 χ^2/NDF : 868759.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3567832.5/28

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1697.473+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: 2510.300+/-1133.087 χ^2/NDF : 8.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

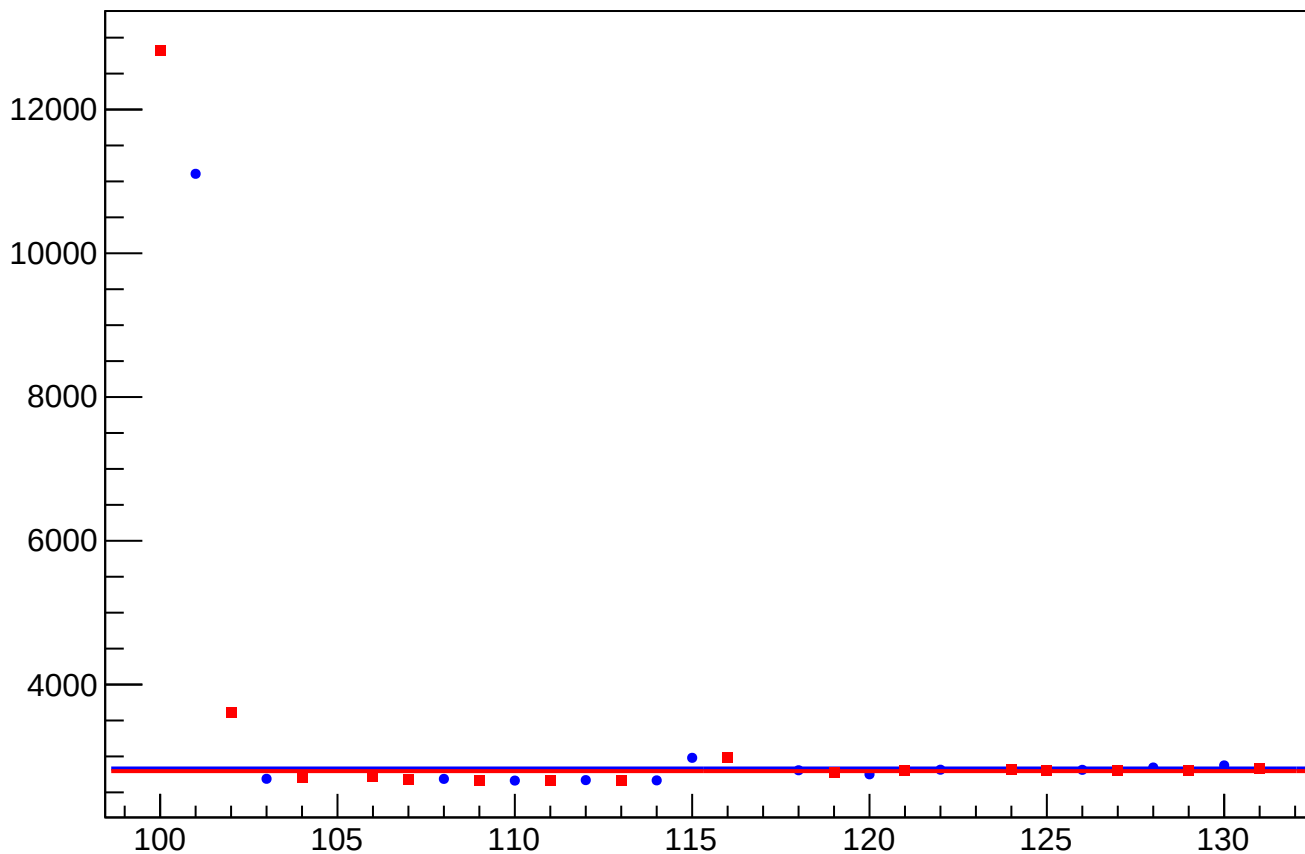
Right: 2142.381+/-838.300 χ^2/NDF : 20.4/28

In: 1697.473+/-1246.013 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2142.381+/-838.300 χ^2/NDF : 20.4/28

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2832.168+/-0.881 χ^2/NDF : 742638.0/12

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

Right Out: 2795.505+/-0.801 χ^2/NDF : 146412.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

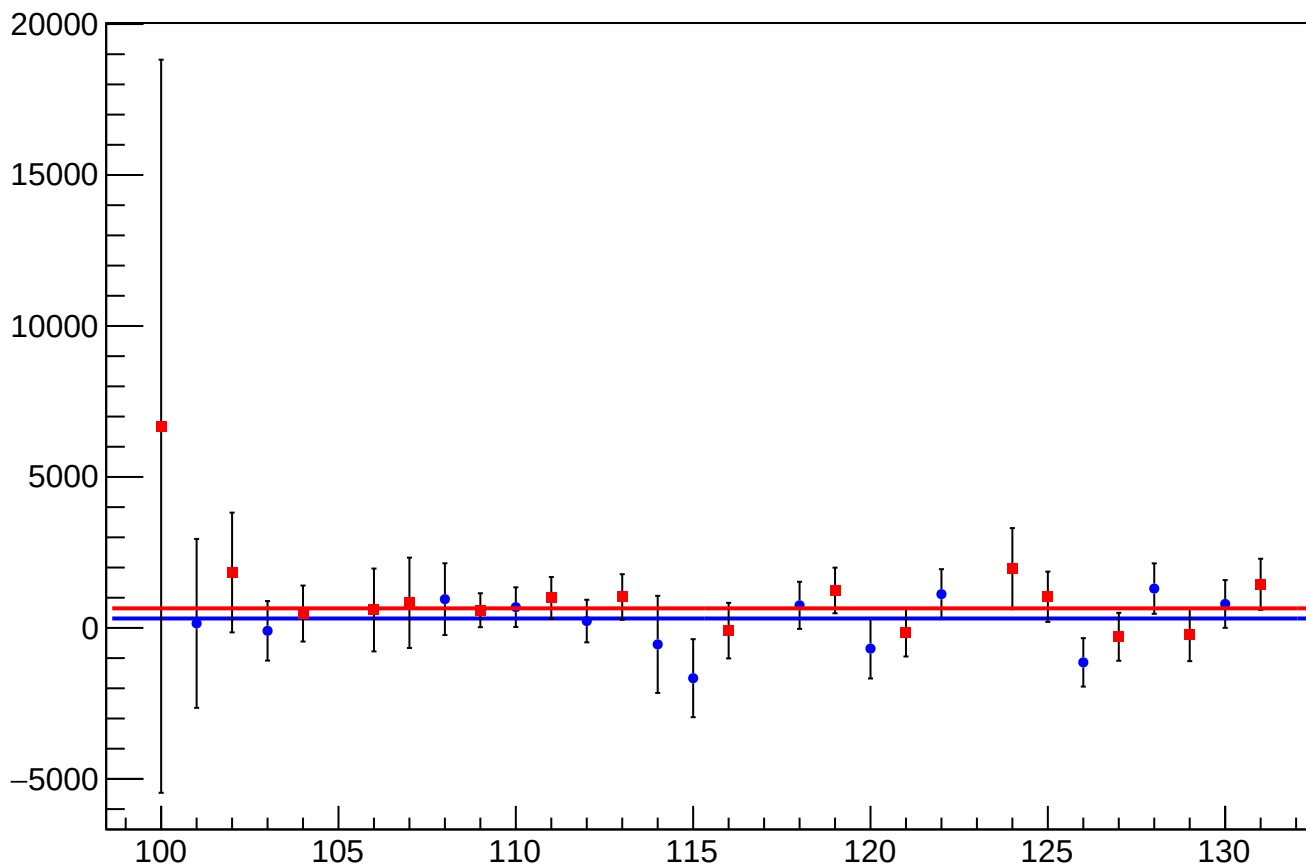
Right: 2812.100+/-0.593 χ^2/NDF : 889997.9/28

In: 2832.168+/-0.881 χ^2/NDF : 742638.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.100+/-0.593 χ^2/NDF : 889997.9/28

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 312.610 $\pm$ 250.745 χ^2 /NDF: 10.8/12

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

Right Out: 647.820 $\pm$ 222.301 χ^2 /NDF: 7.9/15

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

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

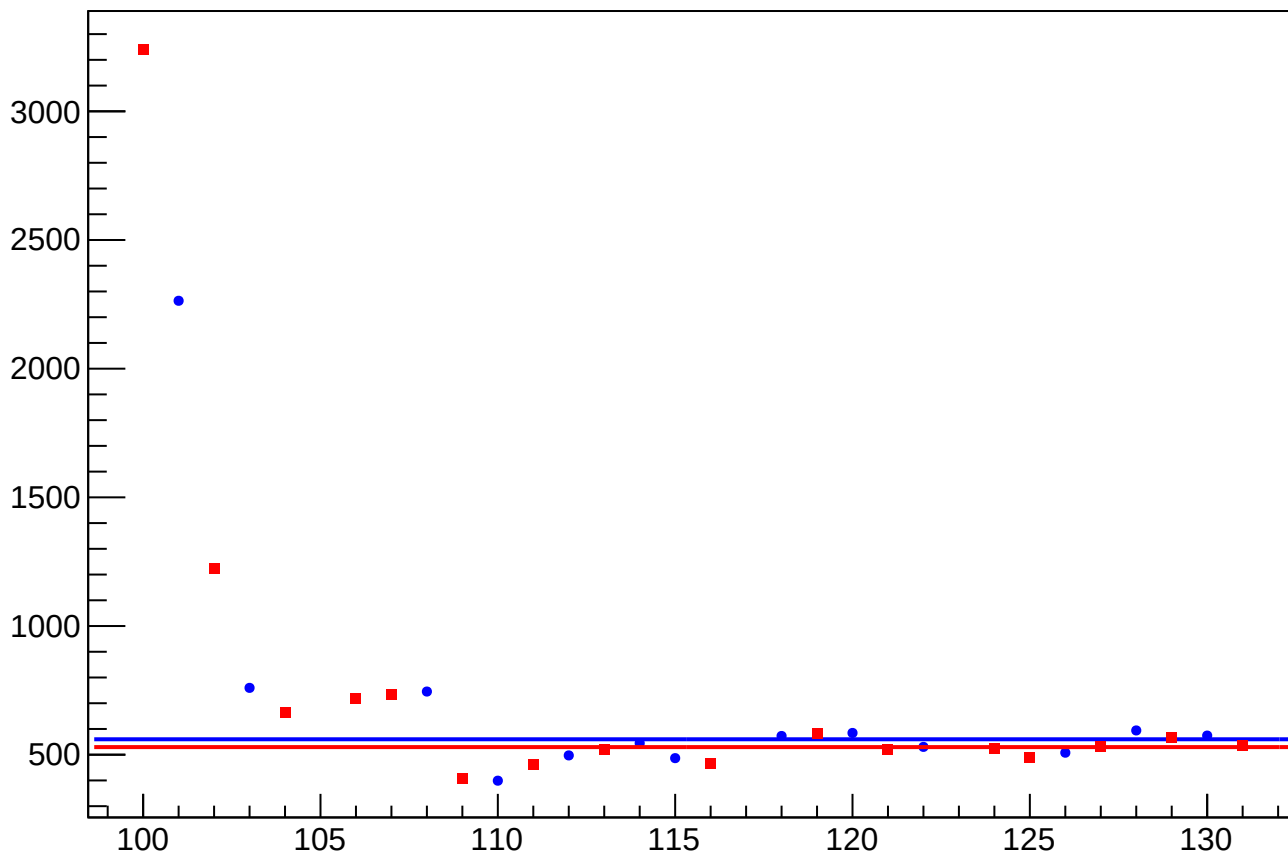
Right: 500.299 $\pm$ 166.342 χ^2 /NDF: 19.7/28

In: 312.610 $\pm$ 250.745 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.299 $\pm$ 166.342 χ^2 /NDF: 19.7/28

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 559.946+/-0.177 χ^2/NDF : 1032480.0/12

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

Right Out: 529.546+/-0.157 χ^2/NDF : 605063.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

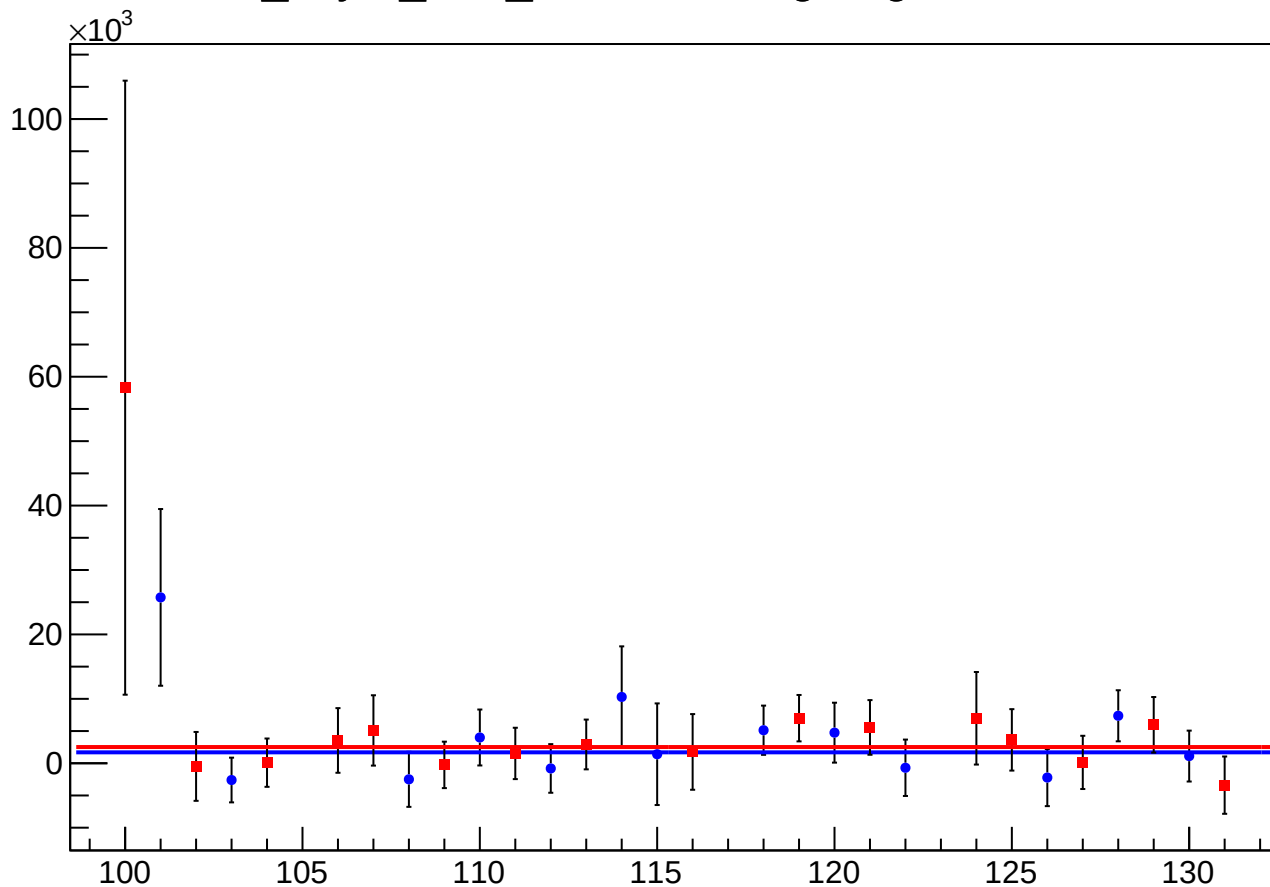
Right: 542.925+/-0.118 χ^2/NDF : 1654003.5/28

In: 559.946+/-0.177 χ^2/NDF : 1032480.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.925+/-0.118 χ^2/NDF : 1654003.5/28

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: 2518.133+/-1136.214 χ^2/NDF : 8.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

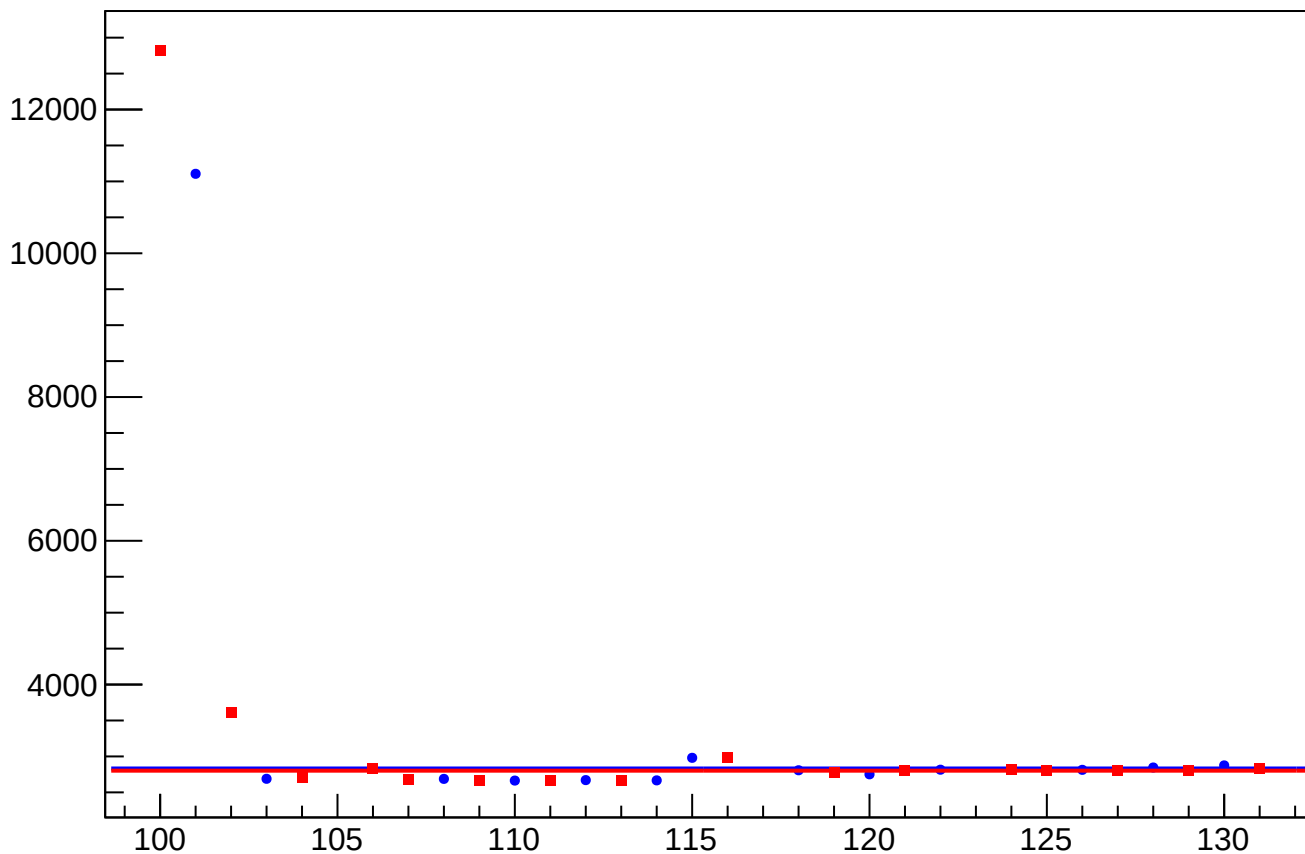
Right: 2145.115+/-839.564 χ^2/NDF : 20.4/28

In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.115+/-839.564 χ^2/NDF : 20.4/28

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

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

Right Out: 2801.939+/-0.803 χ^2/NDF : 146013.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

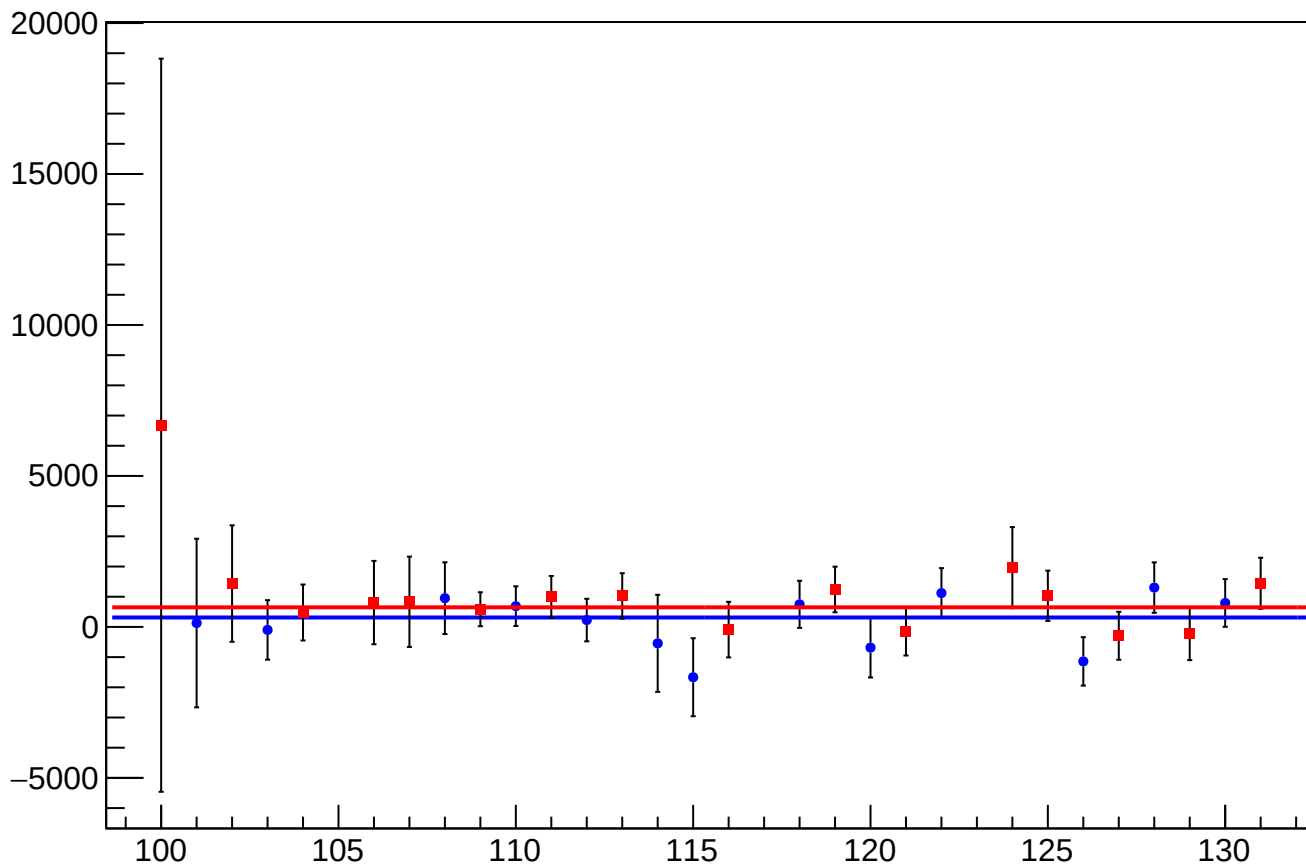
Right: 2815.663+/-0.594 χ^2/NDF : 889293.8/28

In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.663+/-0.594 χ^2/NDF : 889293.8/28

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 312.536 $\pm$ 250.737 χ^2 /NDF: 10.8/12

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

Right Out: 649.012 $\pm$ 222.251 χ^2 /NDF: 7.8/15

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

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

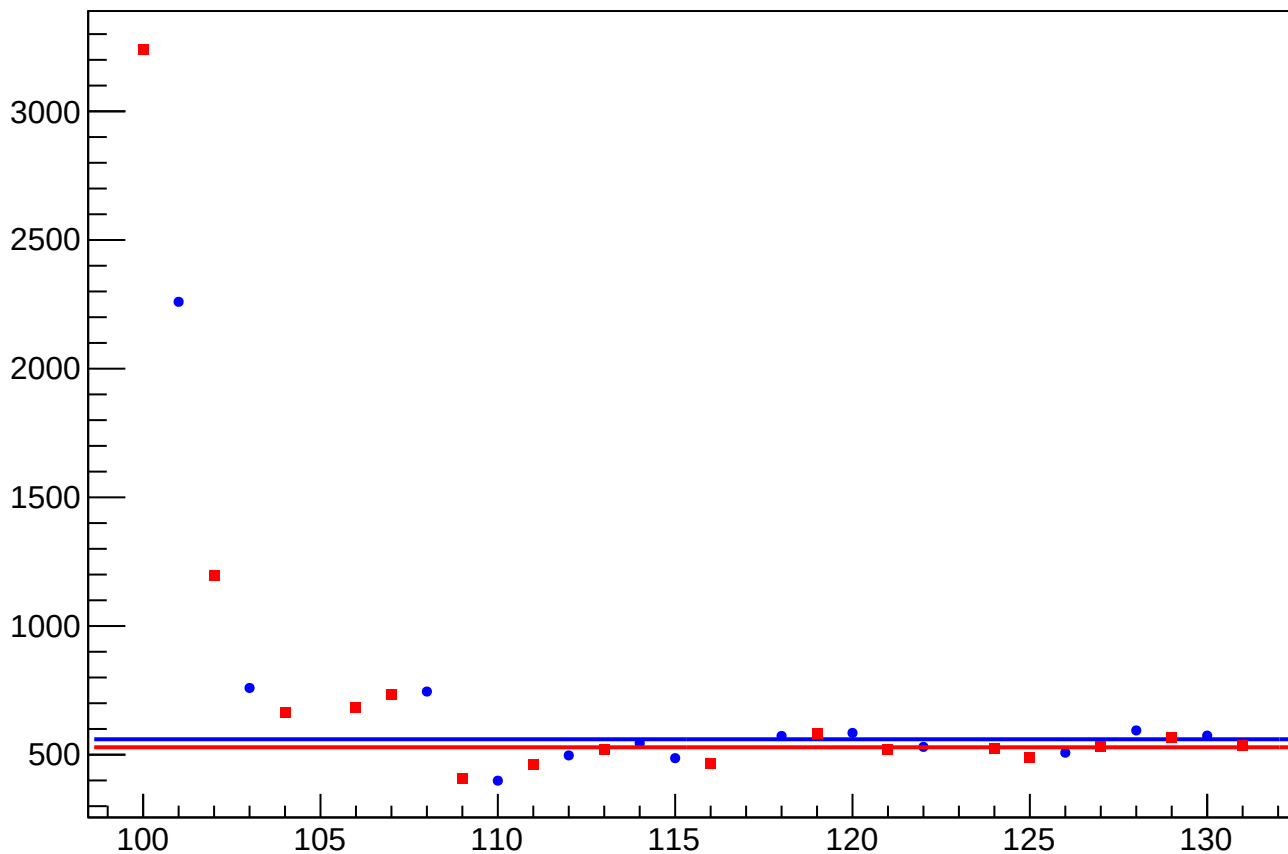
Right: 500.965 $\pm$ 166.318 χ^2 /NDF: 19.5/28

In: 312.536 $\pm$ 250.737 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.965 $\pm$ 166.318 χ^2 /NDF: 19.5/28

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

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

Right Out: 528.764+/-0.157 χ^2/NDF : 588256.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

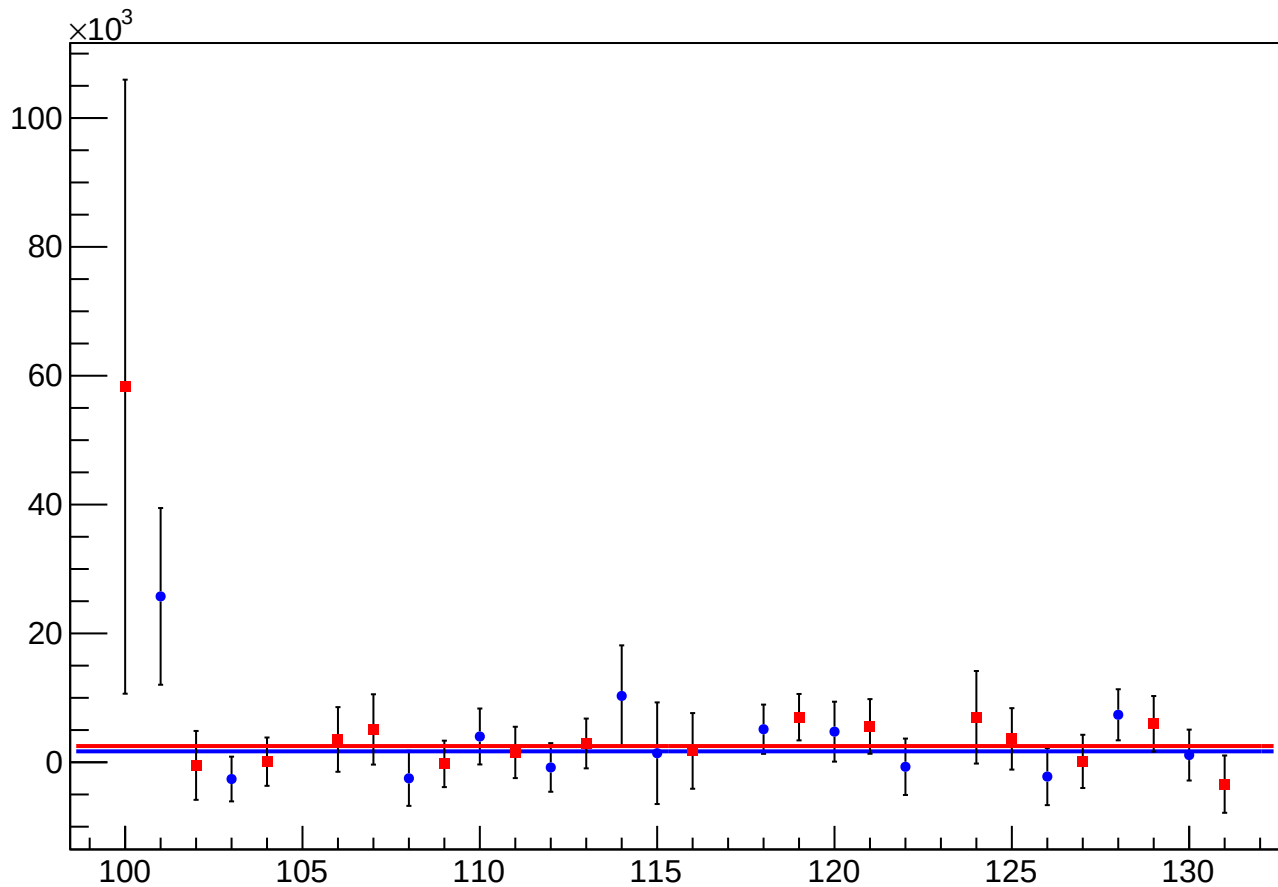
Right: 542.490+/-0.118 χ^2/NDF : 1637083.4/28

In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.490+/-0.118 χ^2/NDF : 1637083.4/28

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: 2518.133+/-1136.214 χ^2/NDF : 8.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

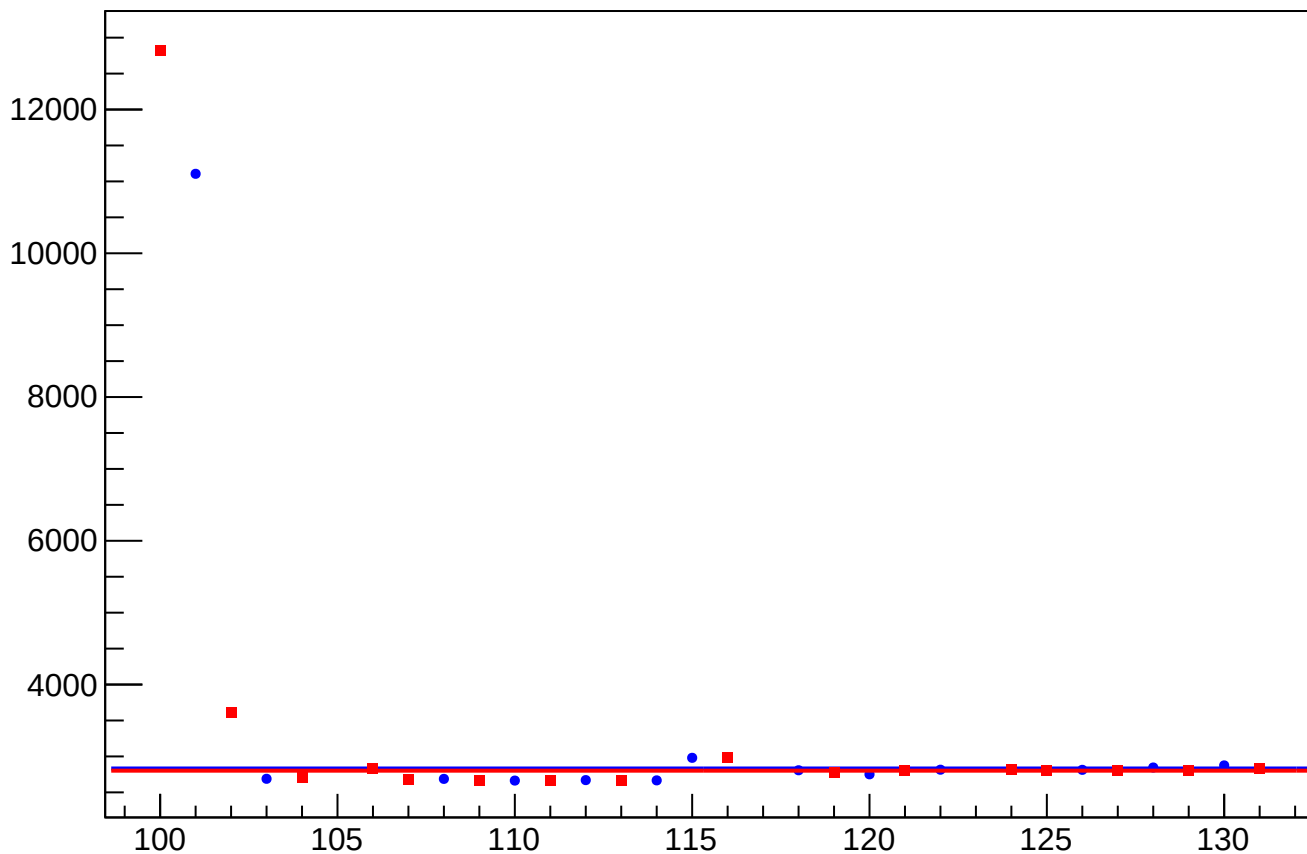
Right: 2145.115+/-839.564 χ^2/NDF : 20.4/28

In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.115+/-839.564 χ^2/NDF : 20.4/28

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2832.168+/-0.881 χ^2 /NDF: 742637.2/12

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

Right Out: 2801.939+/-0.803 χ^2 /NDF: 146013.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

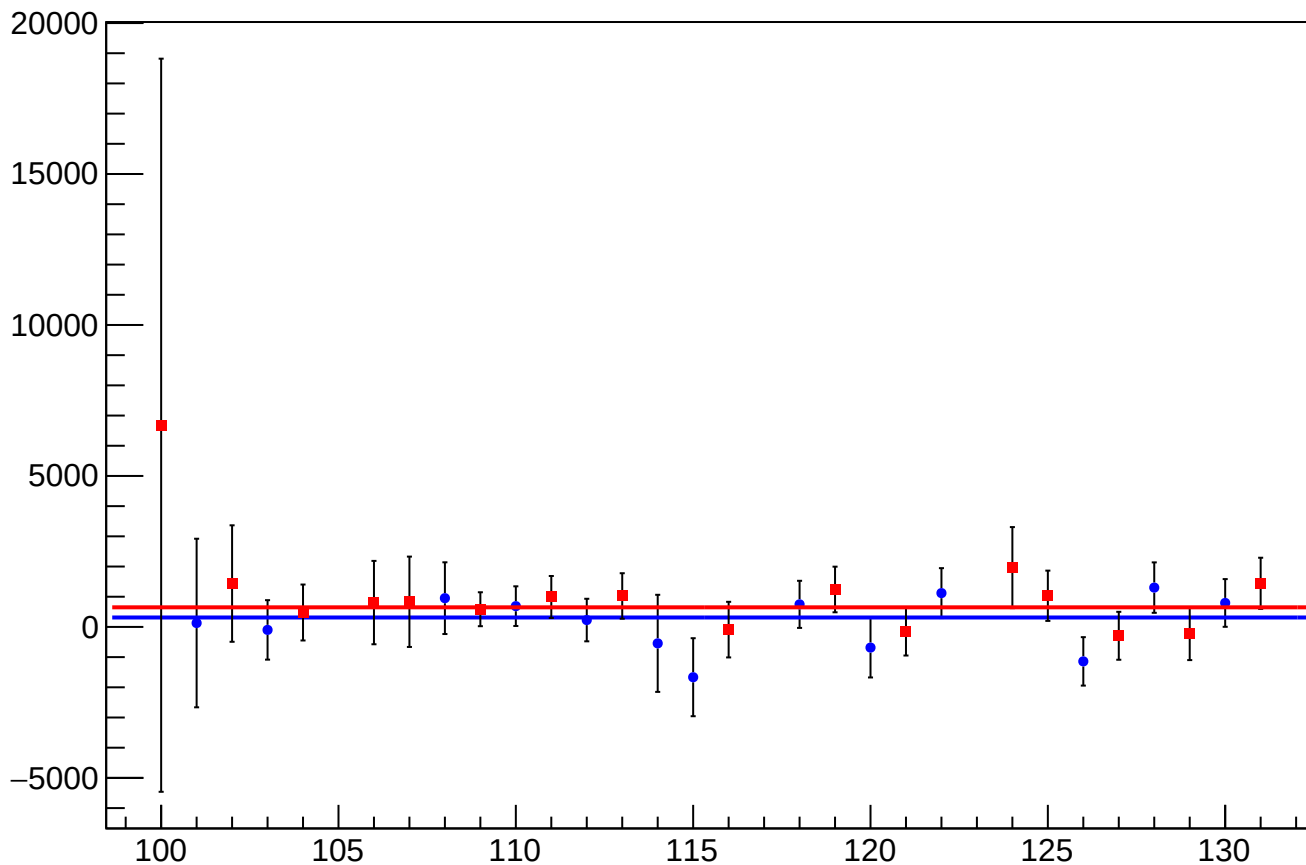
Right: 2815.663+/-0.594 χ^2 /NDF: 889293.8/28

In: 2832.168+/-0.881 χ^2 /NDF:742637.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2815.663+/-0.594 χ^2 /NDF: 889293.8/28

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 312.536+/-250.737 χ^2/NDF : 10.8/12

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

Right Out: 649.012+/-222.251 χ^2/NDF : 7.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

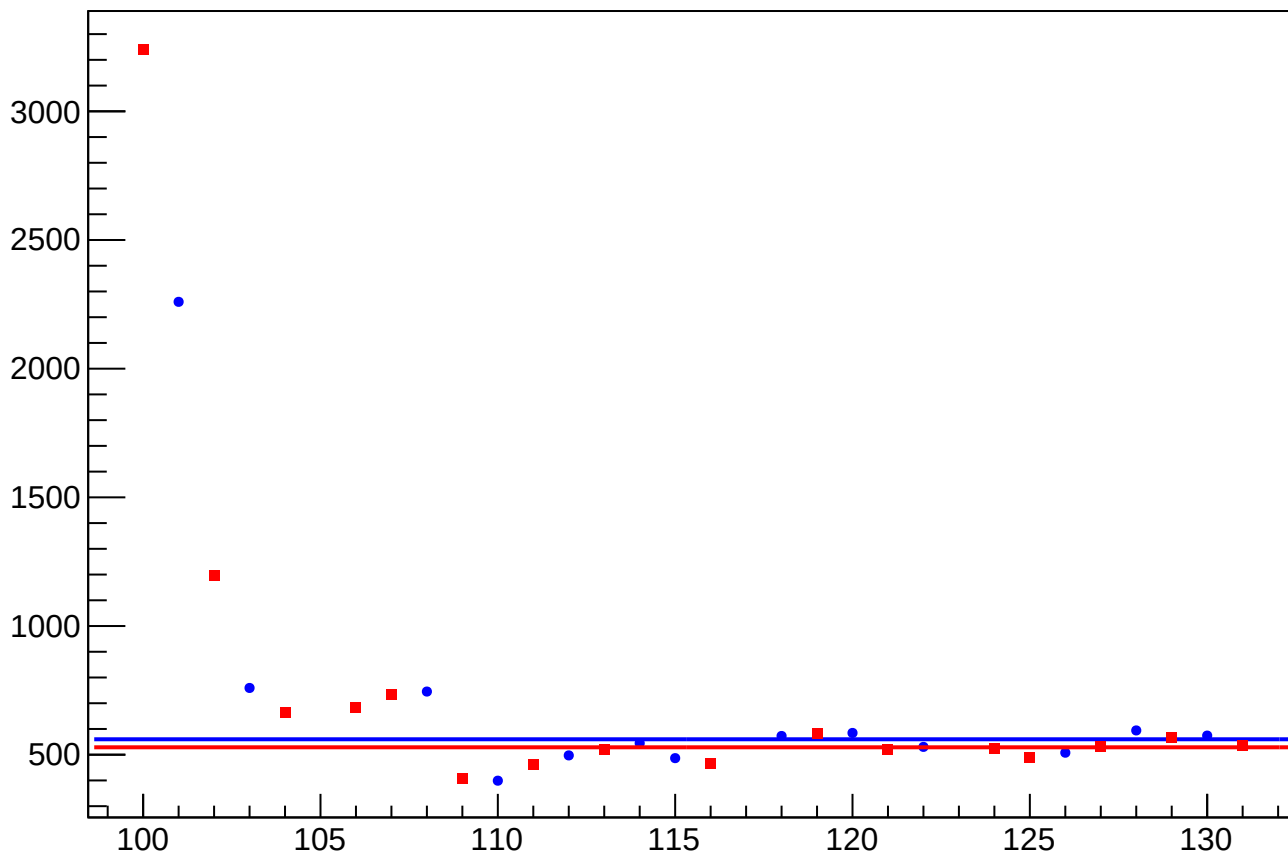
Right: 500.965+/-166.318 χ^2/NDF : 19.5/28

In: 312.536+/-250.737 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.965+/-166.318 χ^2/NDF : 19.5/28

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

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

Right Out: 528.764+/-0.157 χ^2/NDF : 588256.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

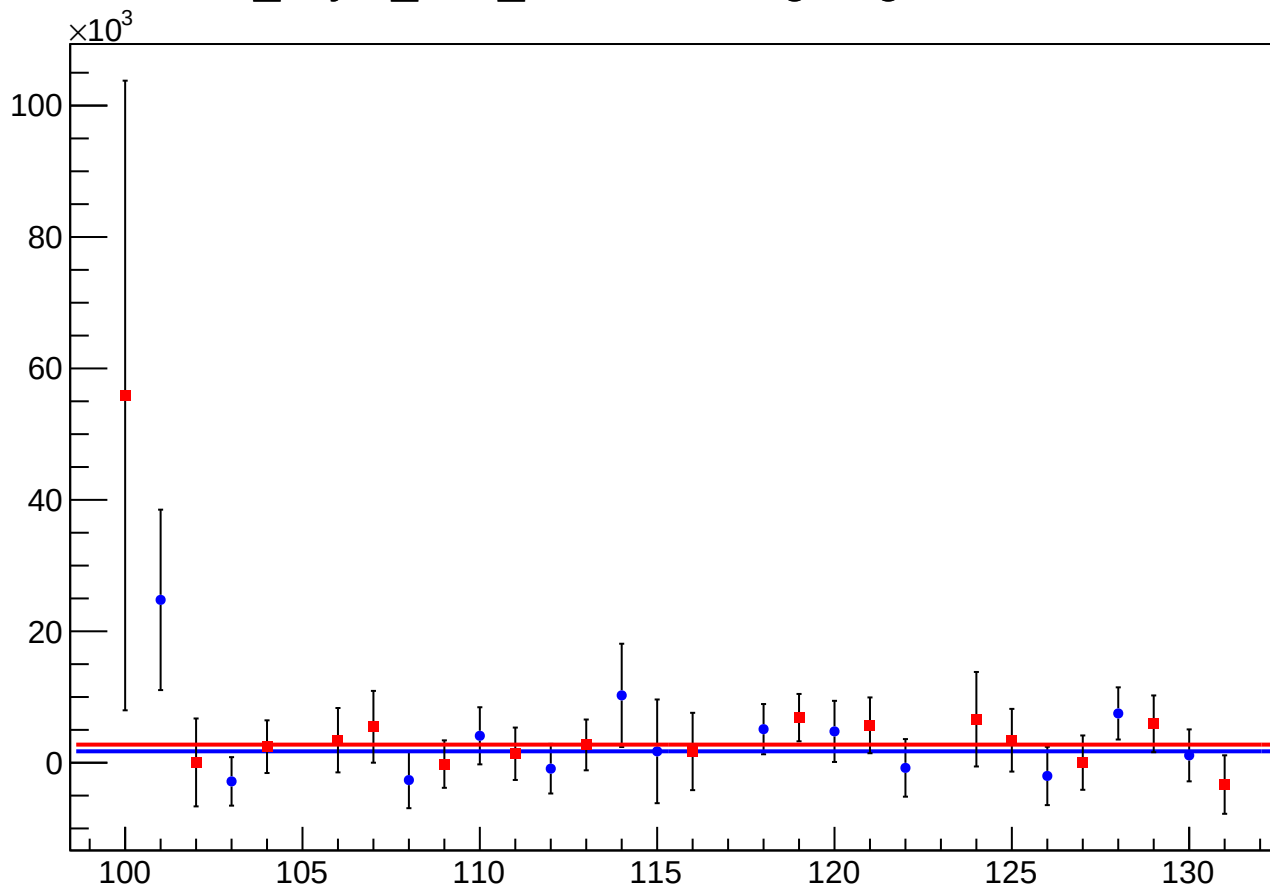
Right: 542.490+/-0.118 χ^2/NDF : 1637083.4/28

In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.490+/-0.118 χ^2/NDF : 1637083.4/28

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

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

Right Out: 2756.273+/-1151.577 χ^2/NDF : 7.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

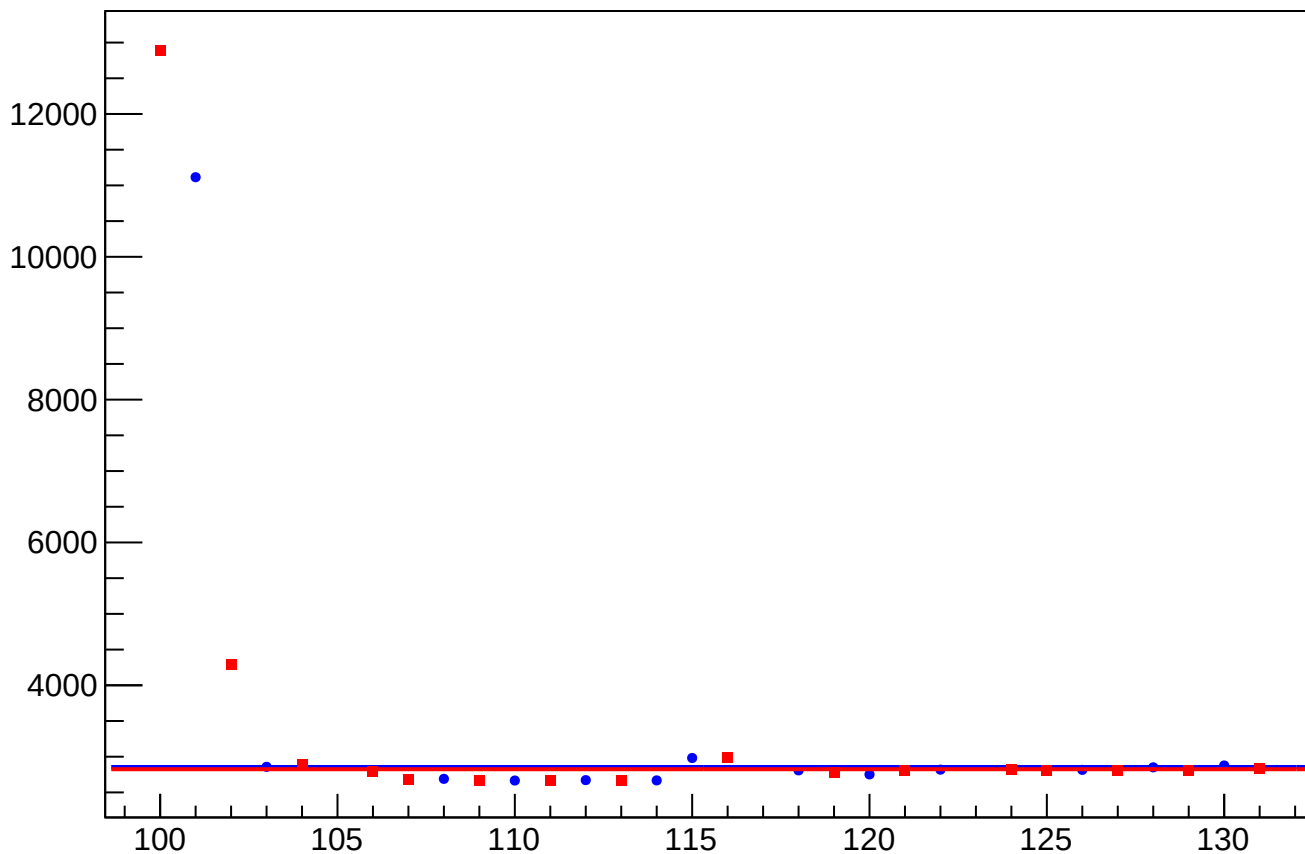
Right: 2291.371+/-848.879 χ^2/NDF : 19.5/28

In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2291.371+/-848.879 χ^2/NDF : 19.5/28

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2855.892+/-0.888 χ^2/NDF : 738799.5/12

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

Right Out: 2824.693+/-0.814 χ^2/NDF : 199327.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

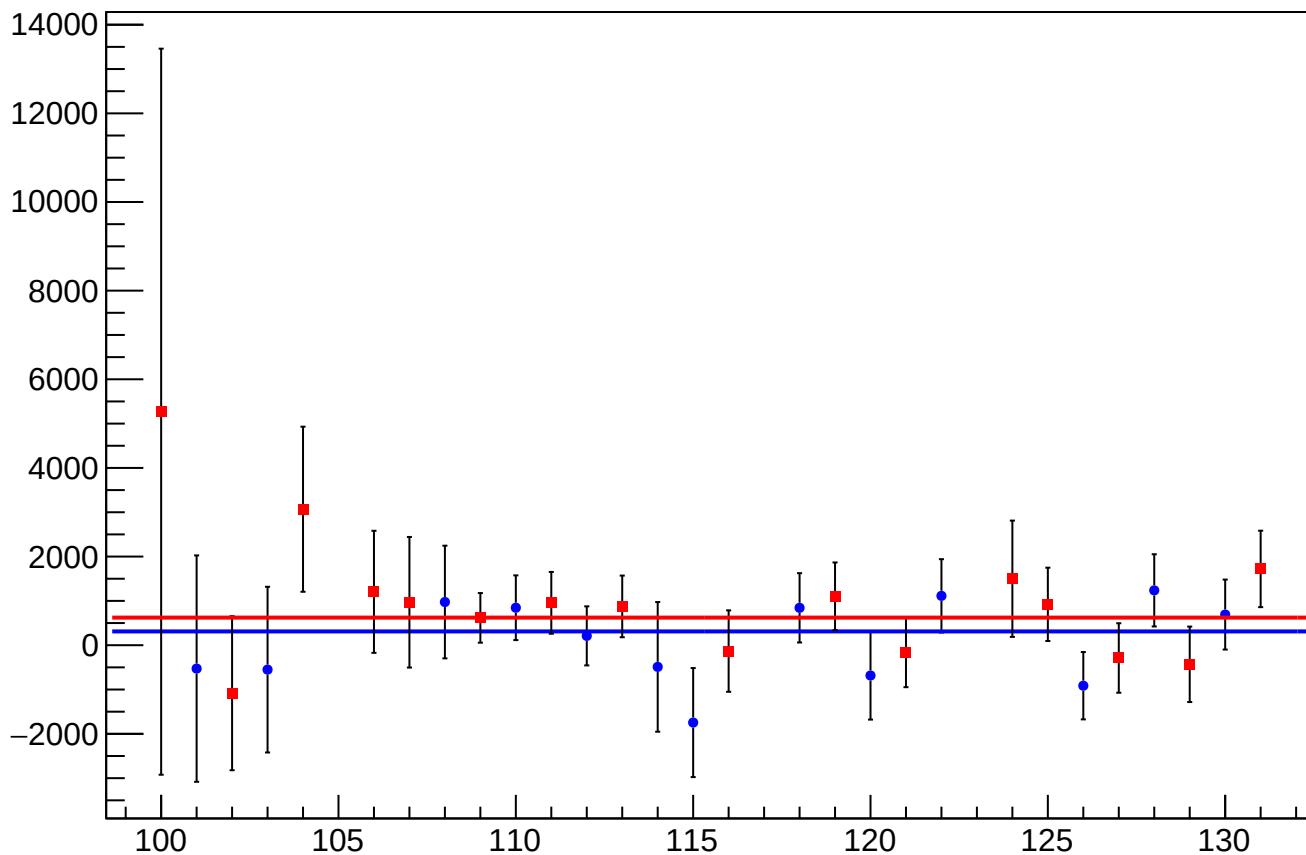
Right: 2838.939+/-0.600 χ^2/NDF : 938797.3/28

In: 2855.892+/-0.888 χ^2/NDF : 738799.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.939+/-0.600 χ^2/NDF : 938797.3/28

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.113+/-255.921 χ^2/NDF : 10.8/12

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

Right Out: 622.510+/-224.388 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

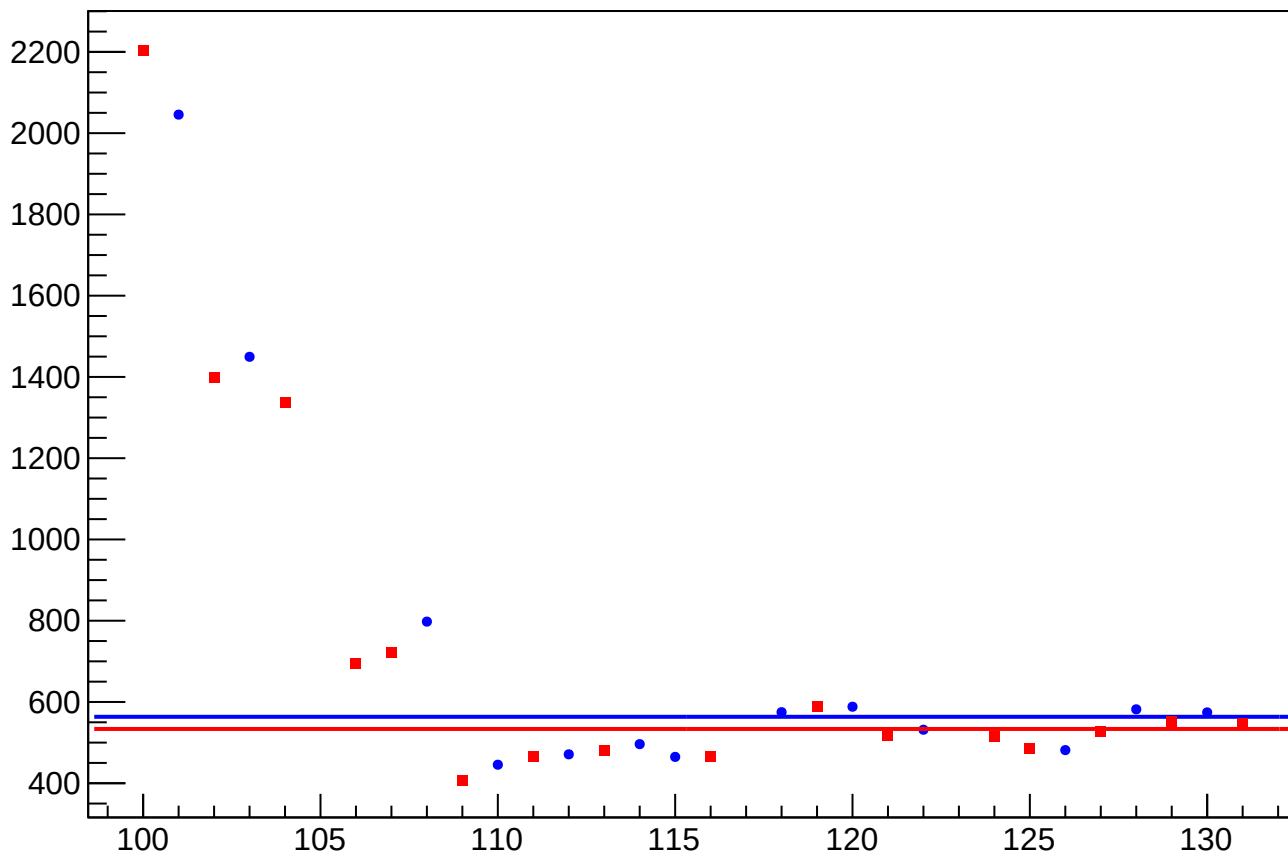
Right: 487.167+/-168.720 χ^2/NDF : 22.4/28

In: 311.113+/-255.921 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.167+/-168.720 χ^2/NDF : 22.4/28

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.516+/-0.181 χ^2/NDF : 1327754.7/12

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

Right Out: 533.591+/-0.159 χ^2/NDF : 1175621.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

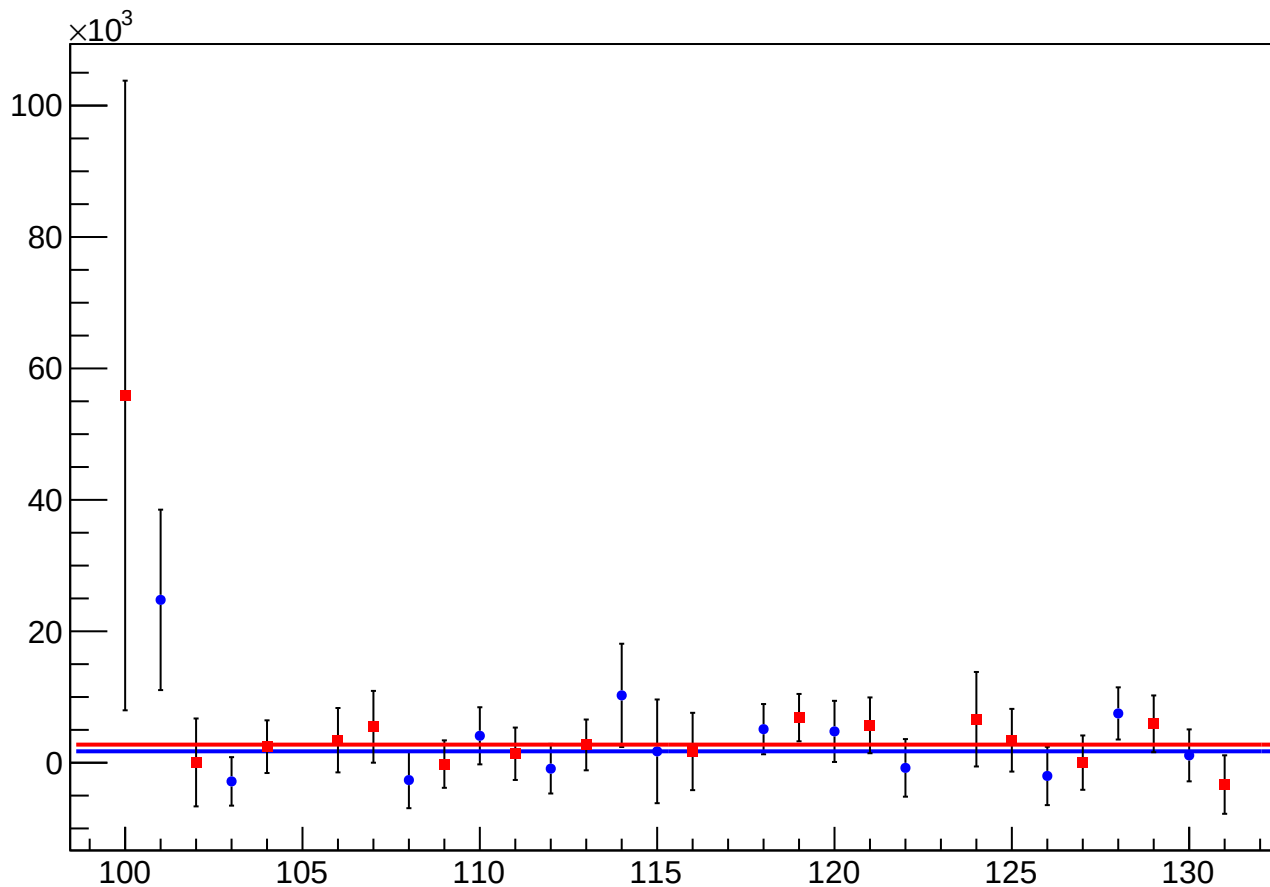
Right: 546.597+/-0.119 χ^2/NDF : 2518836.8/28

In: 563.516+/-0.181 χ^2/NDF : 1327754.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.597+/-0.119 χ^2/NDF : 2518836.8/28

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

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

Right Out: 2756.272+/-1151.577 χ^2/NDF : 7.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

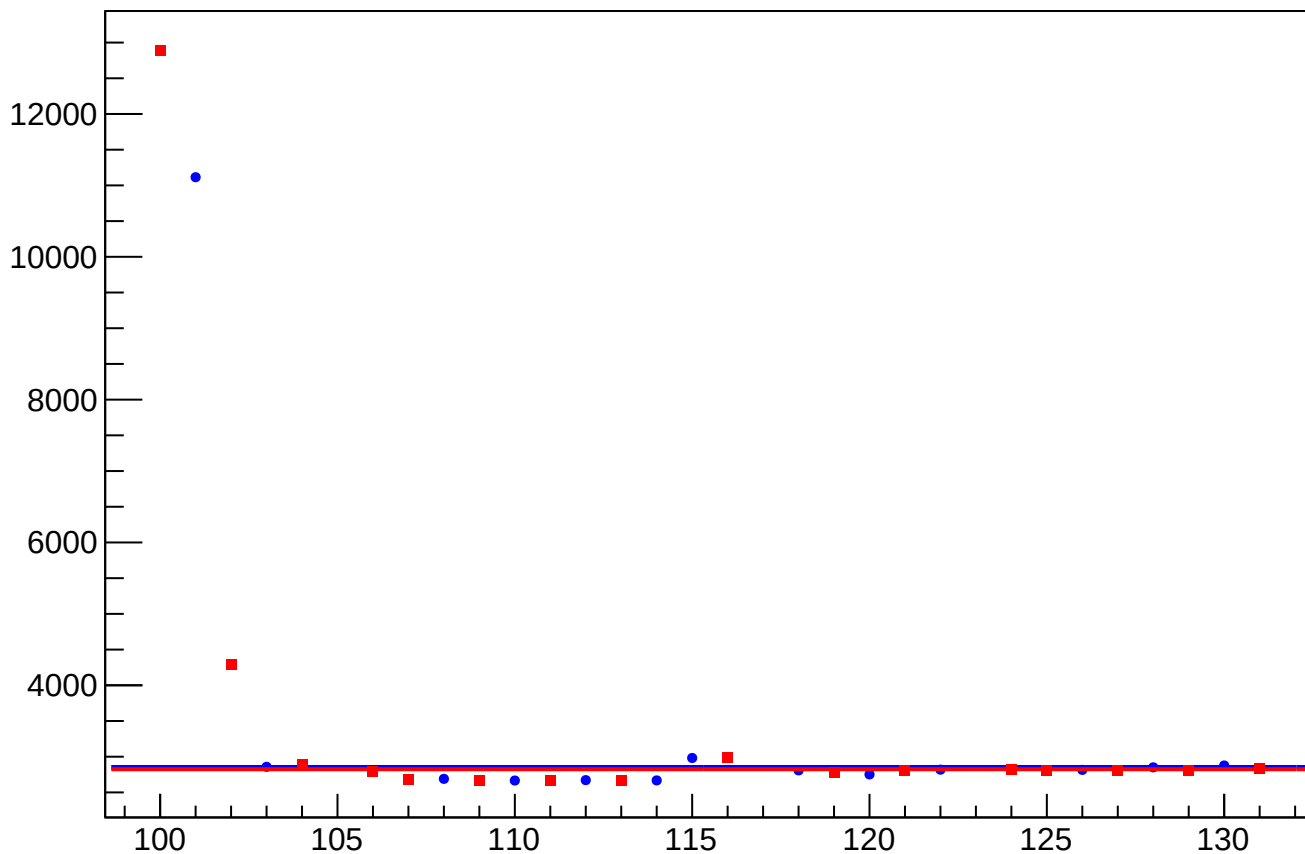
Right: 2291.370+/-848.879 χ^2/NDF : 19.5/28

In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2291.370+/-848.879 χ^2/NDF : 19.5/28

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2855.891+/-0.888 χ^2/NDF : 738799.5/12

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

Right Out: 2824.693+/-0.814 χ^2/NDF : 199327.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

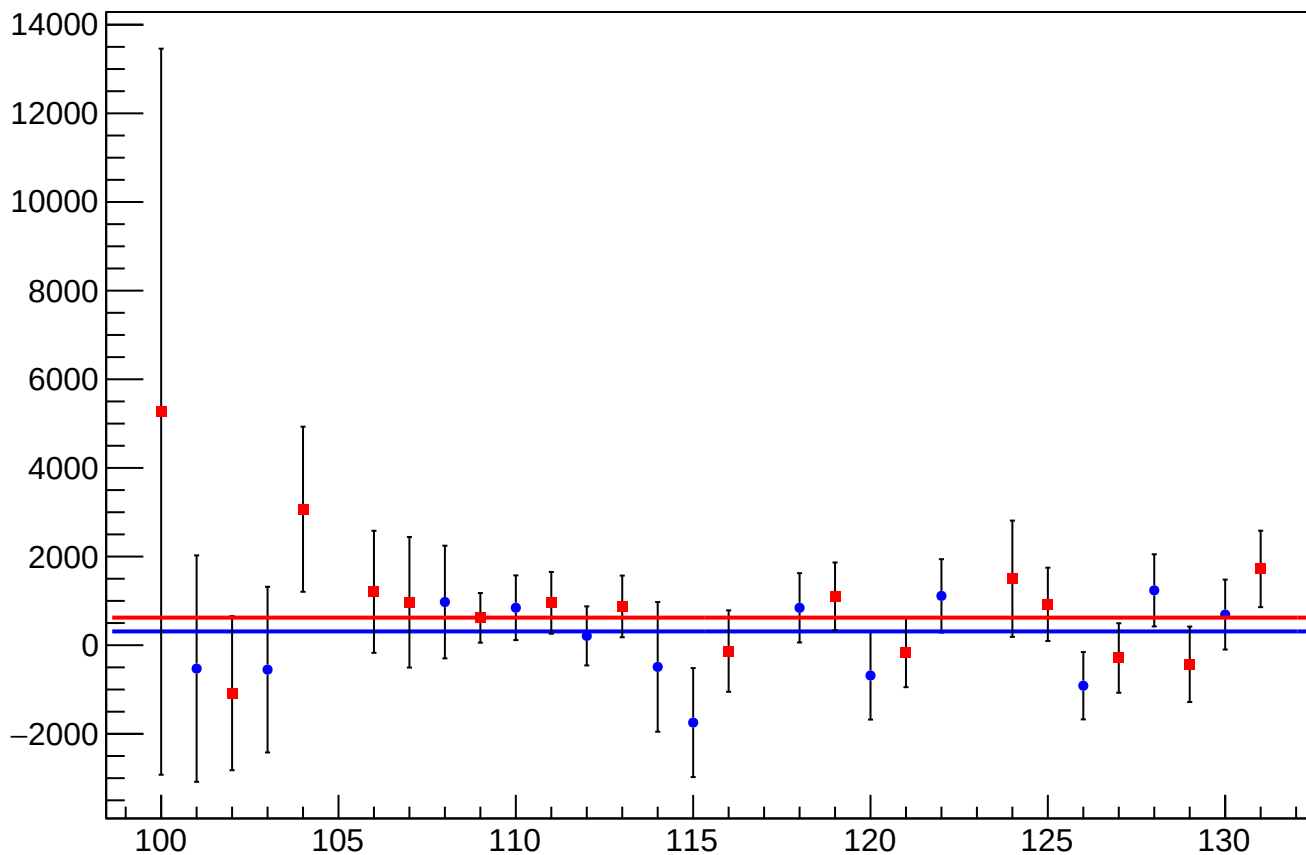
Right: 2838.939+/-0.600 χ^2/NDF : 938797.1/28

In: 2855.891+/-0.888 χ^2/NDF : 738799.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.939+/-0.600 χ^2/NDF : 938797.1/28

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.114+/-255.921 χ^2/NDF : 10.8/12

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

Right Out: 622.510+/-224.388 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

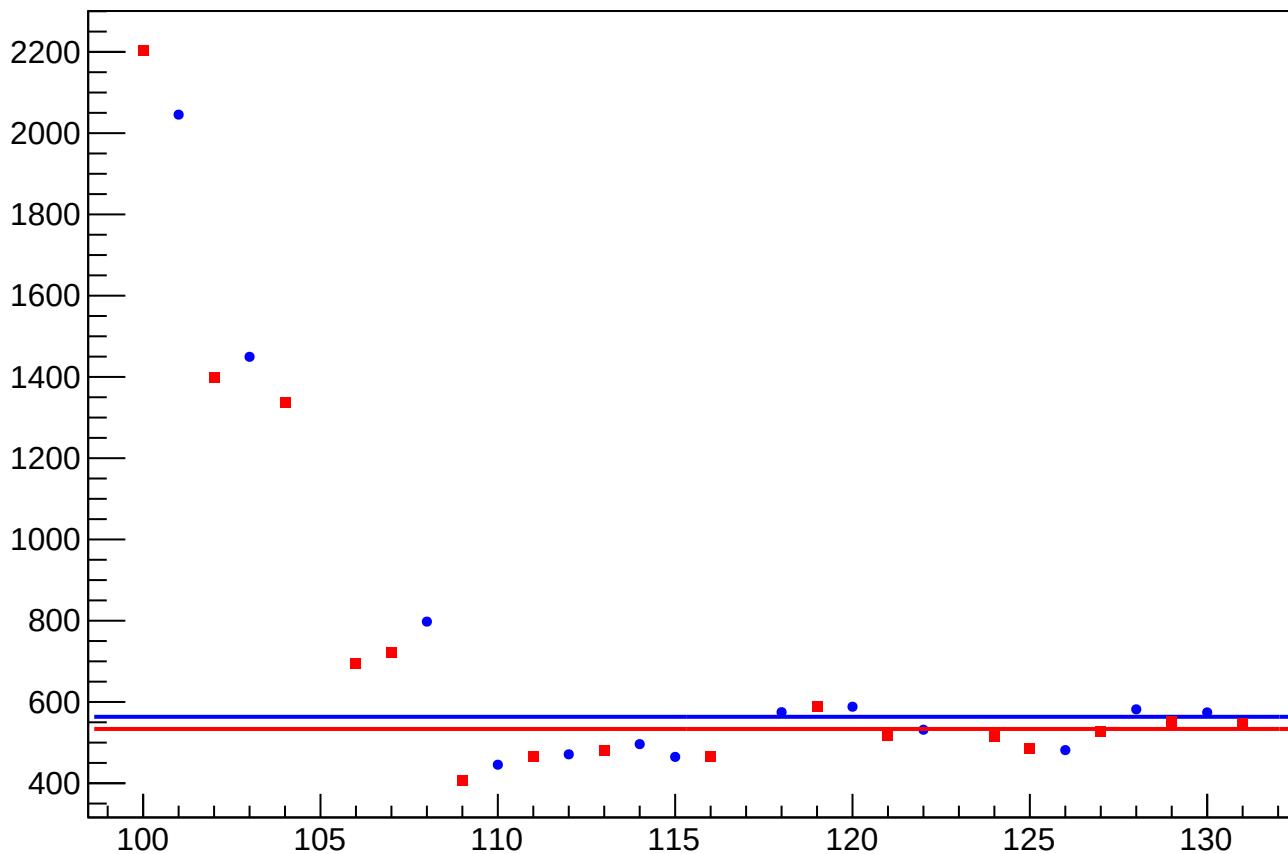
Right: 487.168+/-168.720 χ^2/NDF : 22.4/28

In: 311.114+/-255.921 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.168+/-168.720 χ^2/NDF : 22.4/28

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.517+/-0.181 χ^2/NDF : 1327748.4/12

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

Right Out: 533.591+/-0.159 χ^2/NDF : 1175617.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

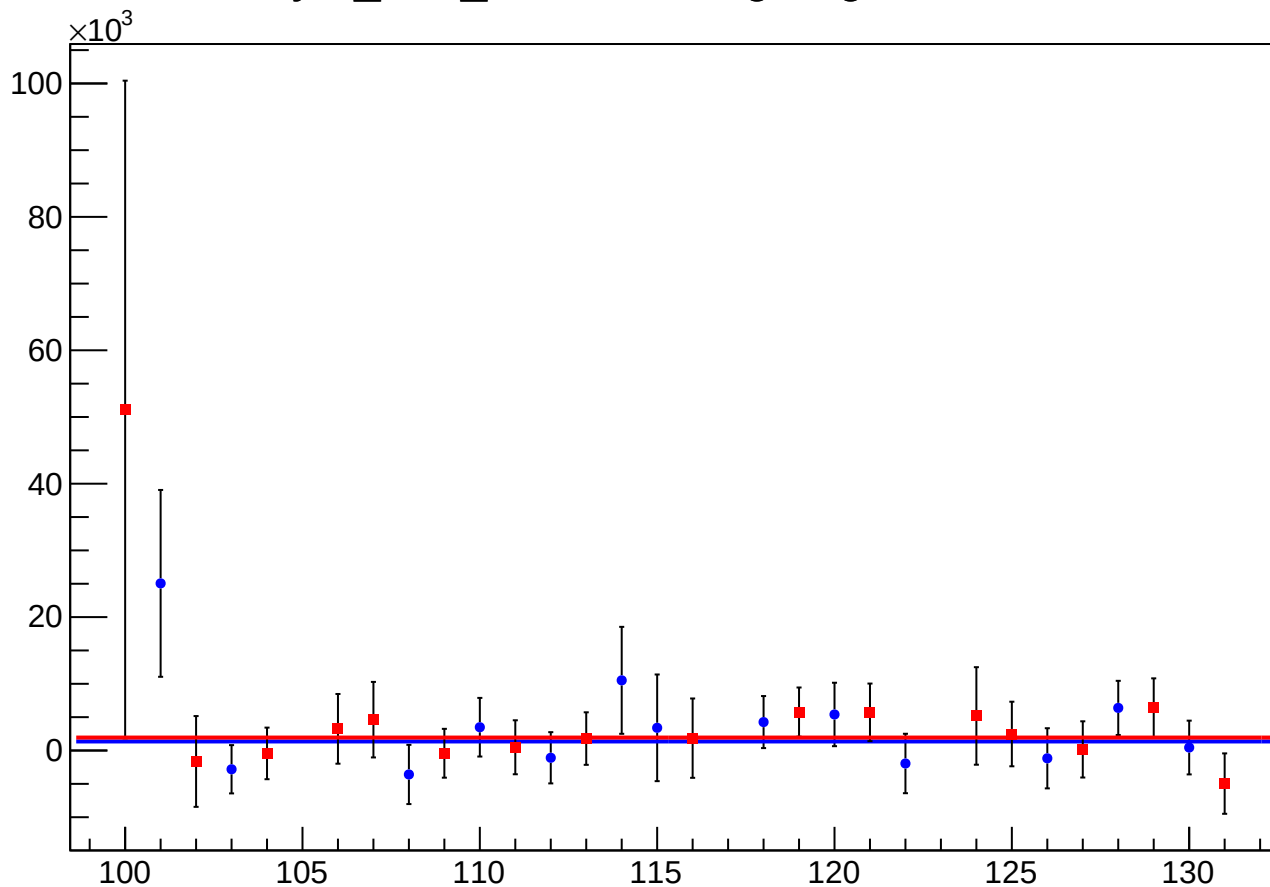
Right: 546.597+/-0.119 χ^2/NDF : 2518826.7/28

In: 563.517+/-0.181 χ^2/NDF : 1327748.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.597+/-0.119 χ^2/NDF : 2518826.7/28

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1356.016+/-1275.491 χ^2/NDF : 11.2/12

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

Right Out: 1942.485+/-1169.943 χ^2/NDF : 8.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

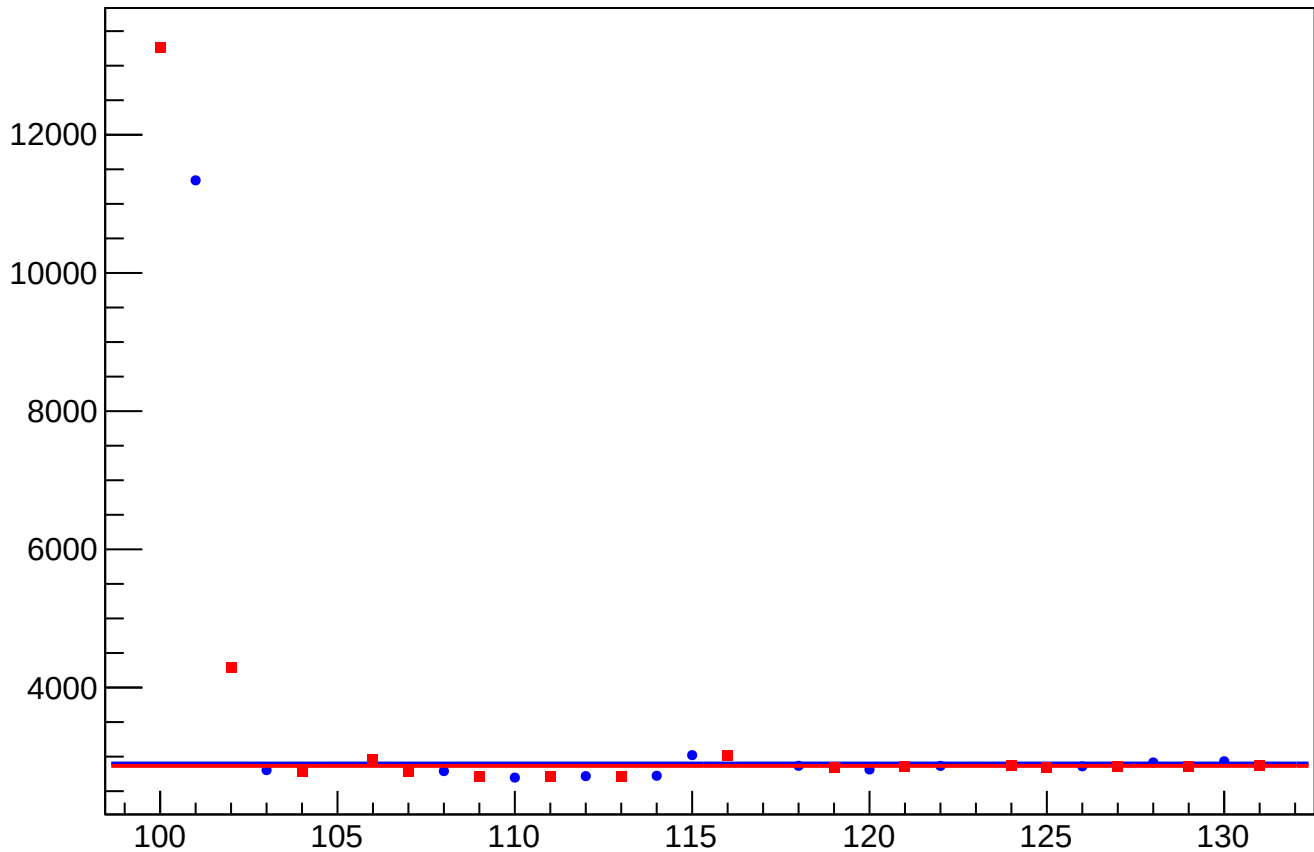
Right: 1674.516+/-862.178 χ^2/NDF : 19.4/28

In: 1356.016+/-1275.491 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.516+/-862.178 χ^2/NDF : 19.4/28

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2899.604+/-0.902 χ^2/NDF : 740504.4/12

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

Right Out: 2866.367+/-0.827 χ^2/NDF : 190249.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

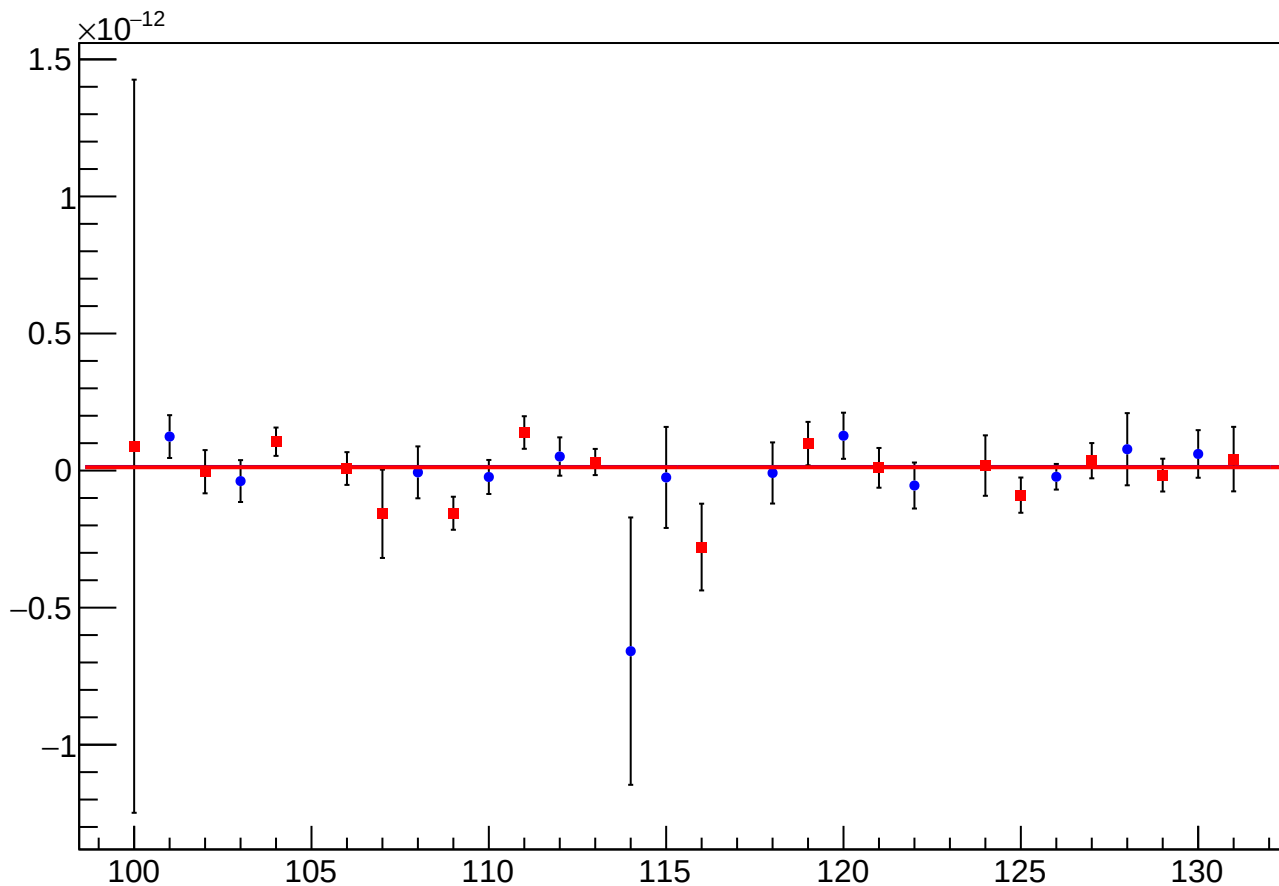
Right: 2881.553+/-0.610 χ^2/NDF : 931491.2/28

In: 2899.604+/-0.902 χ^2/NDF : 740504.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.553+/-0.610 χ^2/NDF : 931491.2/28

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 24.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

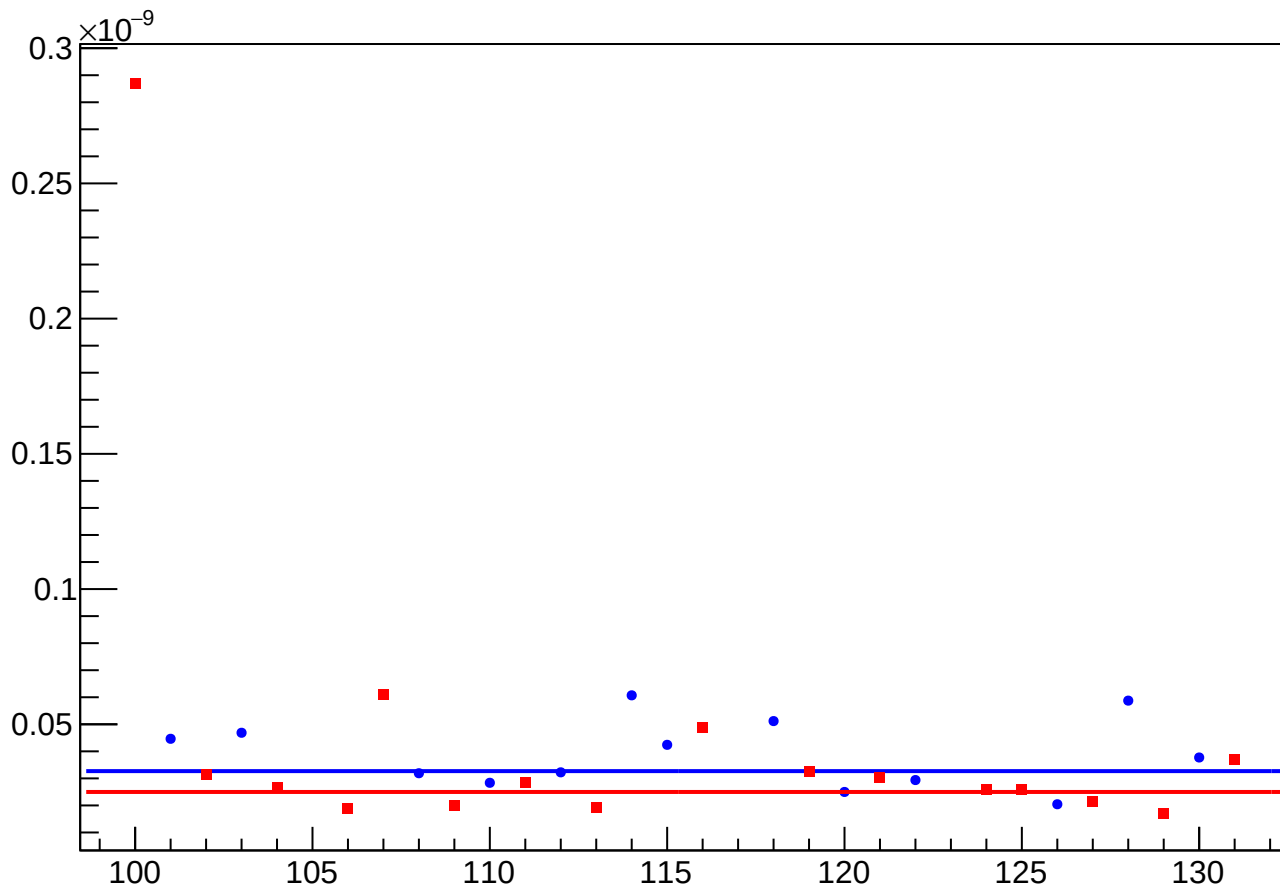
Right: 0.000+/-0.000 χ^2/NDF : 33.1/28

In: 0.000+/-0.000 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/28

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 434935.3/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 401722.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

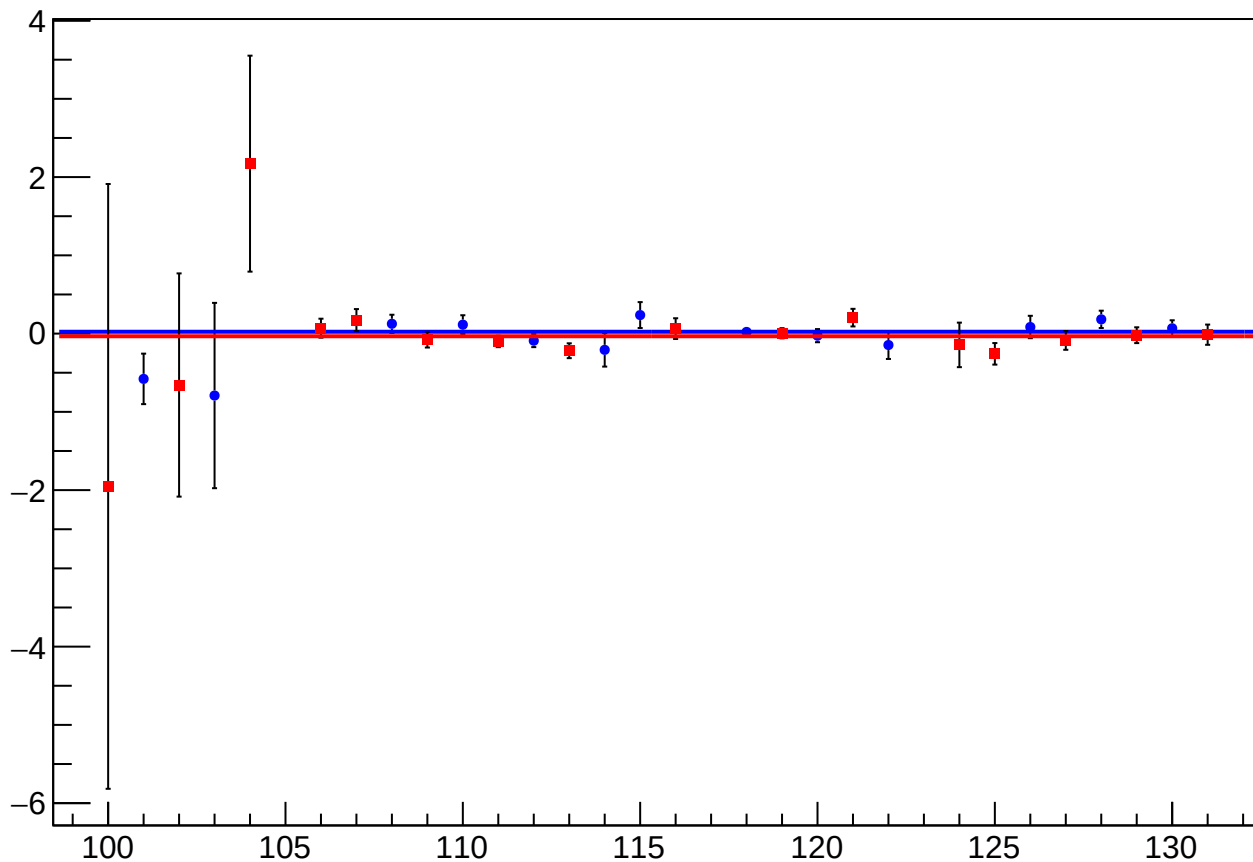
Right: 0.000+/-0.000 χ^2/NDF : 980175.4/28

In: 0.000+/-0.000 χ^2/NDF : 434935.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 980175.4/28

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.030 χ^2 /NDF: 13.7/12

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

Right Out: -0.034 $\pm$ 0.029 χ^2 /NDF: 19.1/15

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

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

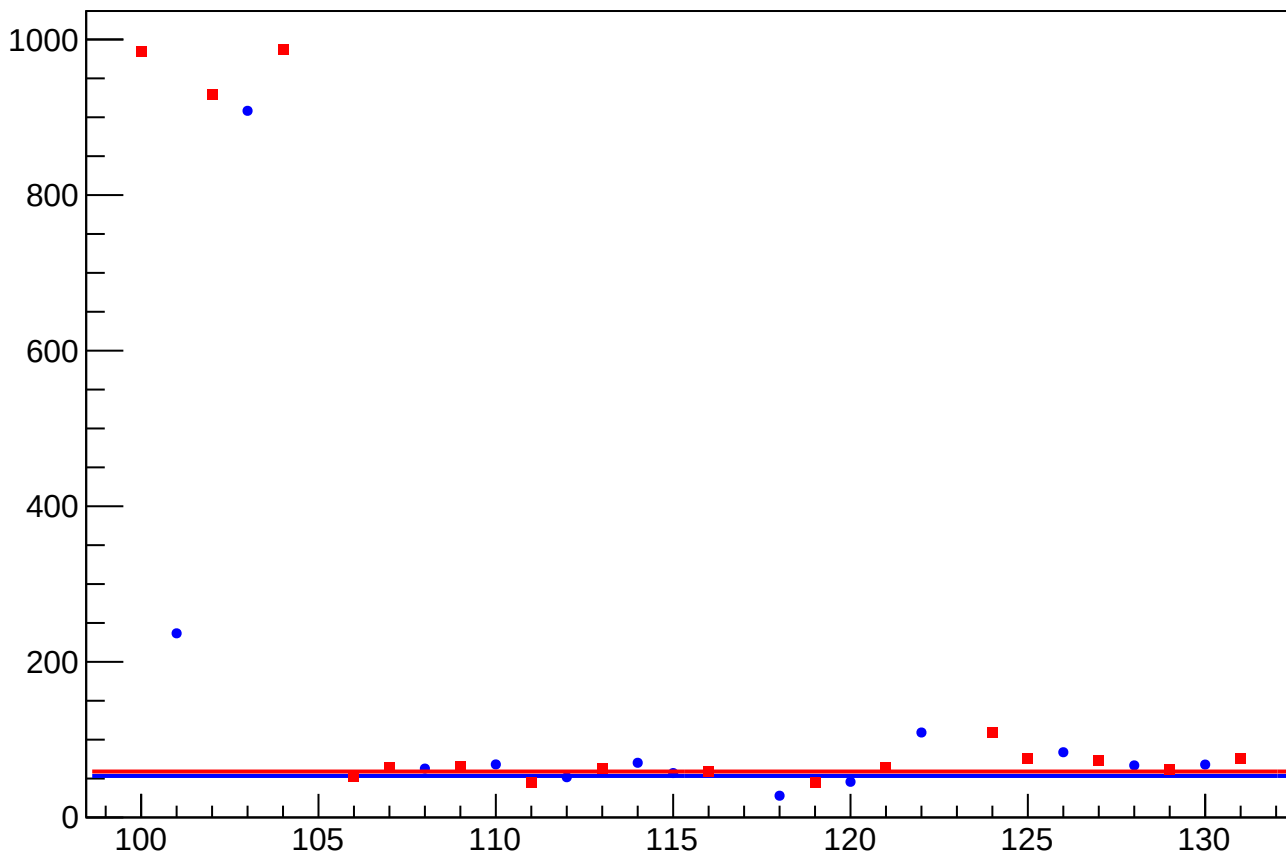
Right: -0.006 $\pm$ 0.021 χ^2 /NDF: 34.8/28

In: 0.024 $\pm$ 0.030 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.021 χ^2 /NDF: 34.8/28

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336 $\pm$ 0.021 χ^2 /NDF: 2581360.8/12

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

Right Out: 59.042 $\pm$ 0.021 χ^2 /NDF: 2123926.0/15

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

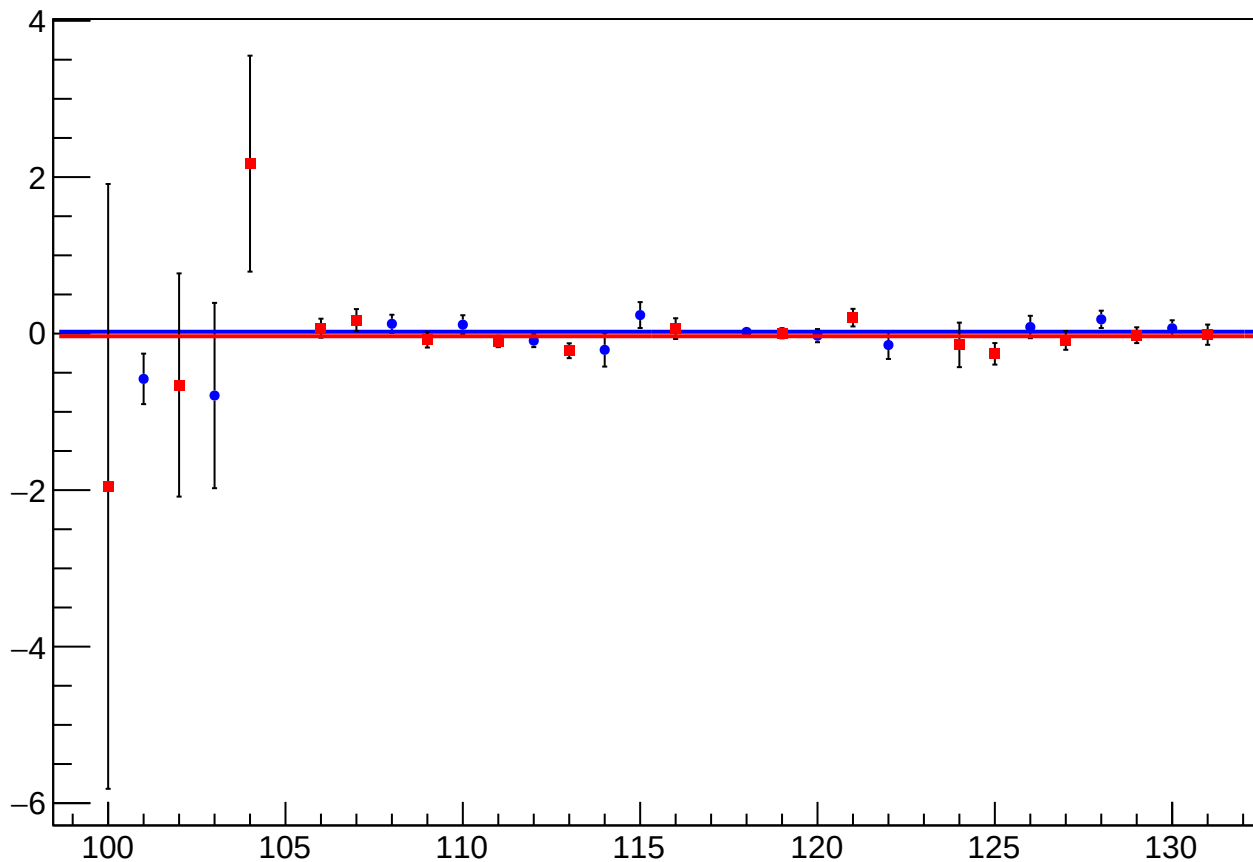
Right: 56.273 $\pm$ 0.015 χ^2 /NDF: 4742726.8/28

In: 53.336 $\pm$ 0.021 χ^2 /NDF:2581360.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.273 $\pm$ 0.015 χ^2 /NDF: 4742726.8/28

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.030 χ^2 /NDF: 13.7/12

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

Right Out: -0.034 $\pm$ 0.029 χ^2 /NDF: 19.1/15

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

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

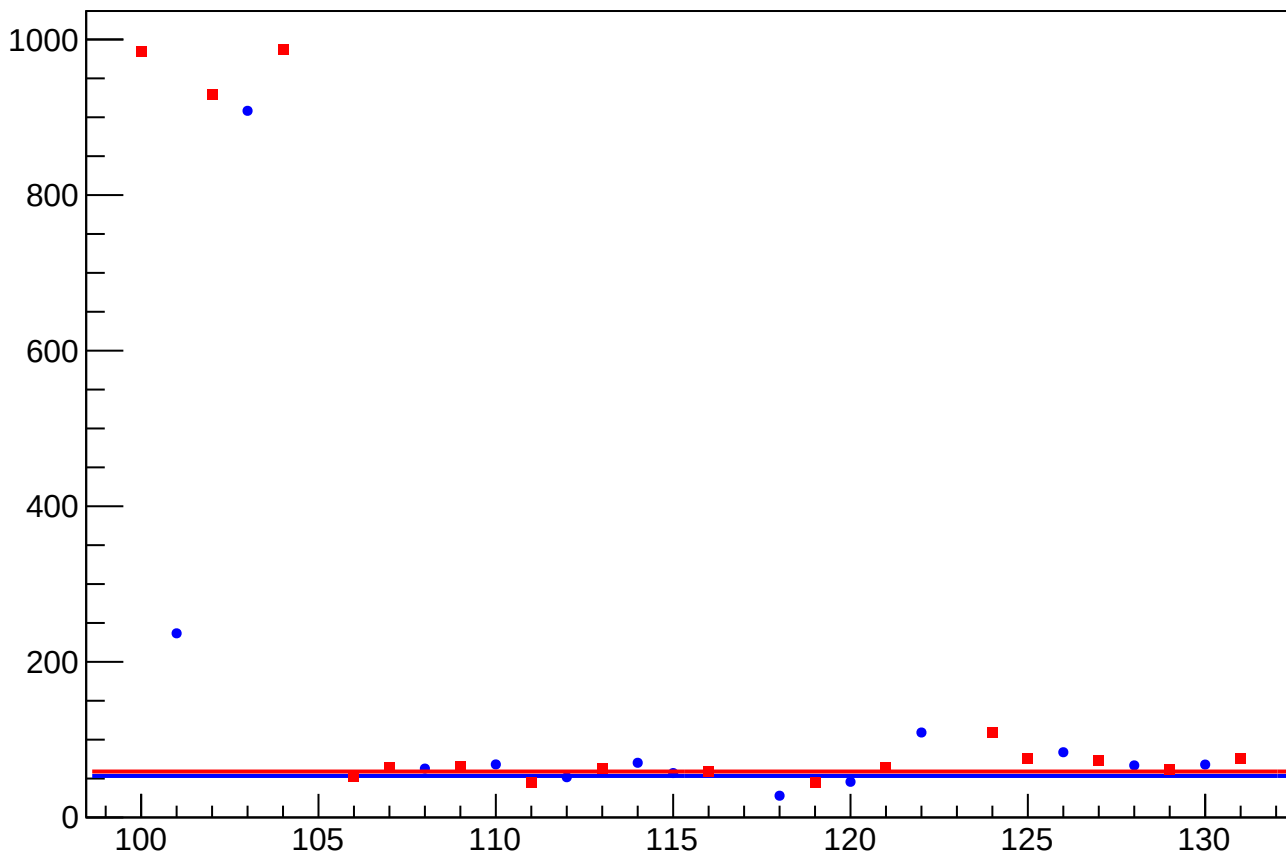
Right: -0.006 $\pm$ 0.021 χ^2 /NDF: 34.8/28

In: 0.024 $\pm$ 0.030 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.021 χ^2 /NDF: 34.8/28

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123926.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

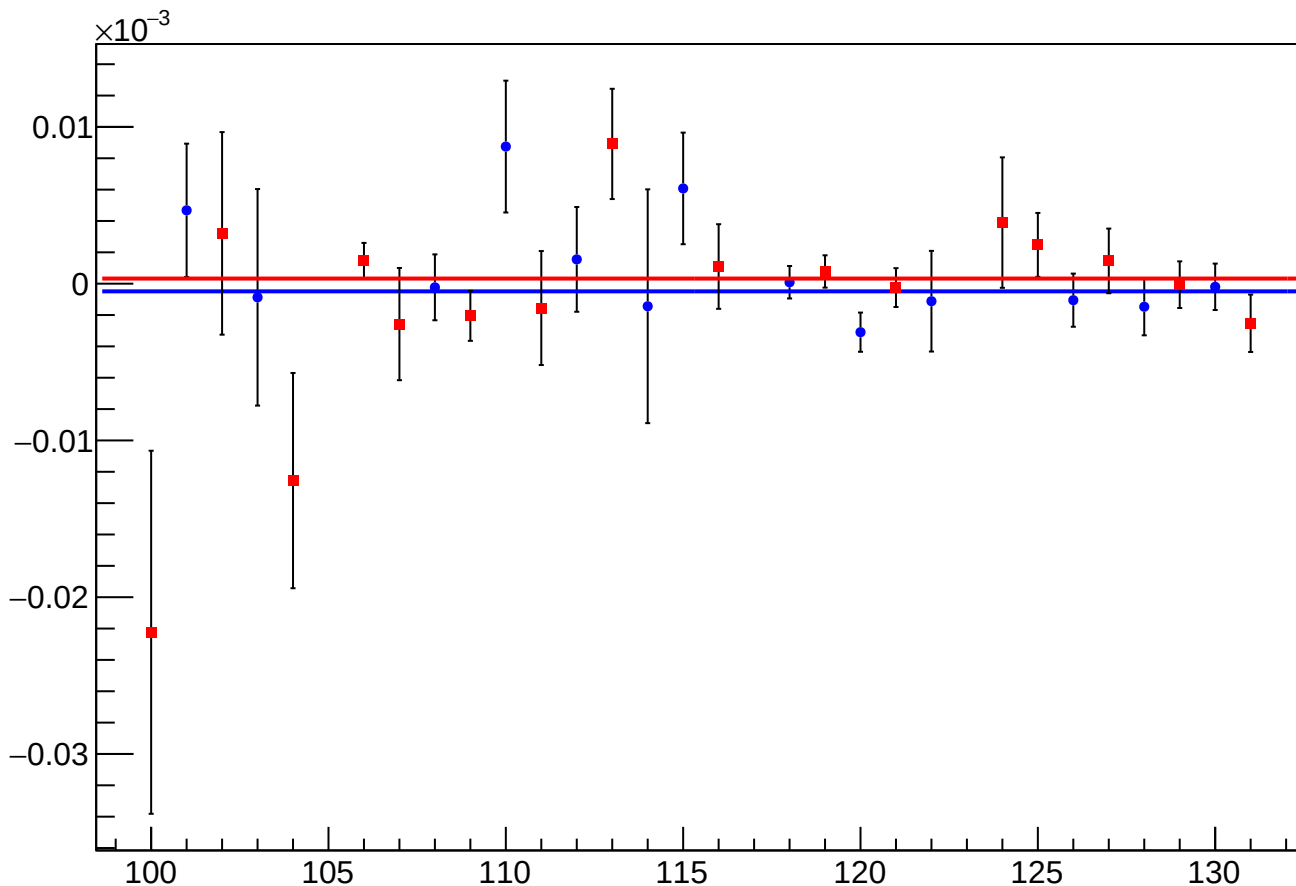
Right: 56.273+/-0.015 χ^2/NDF : 4742726.8/28

In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.273+/-0.015 χ^2/NDF : 4742726.8/28

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.2/12

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 22.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

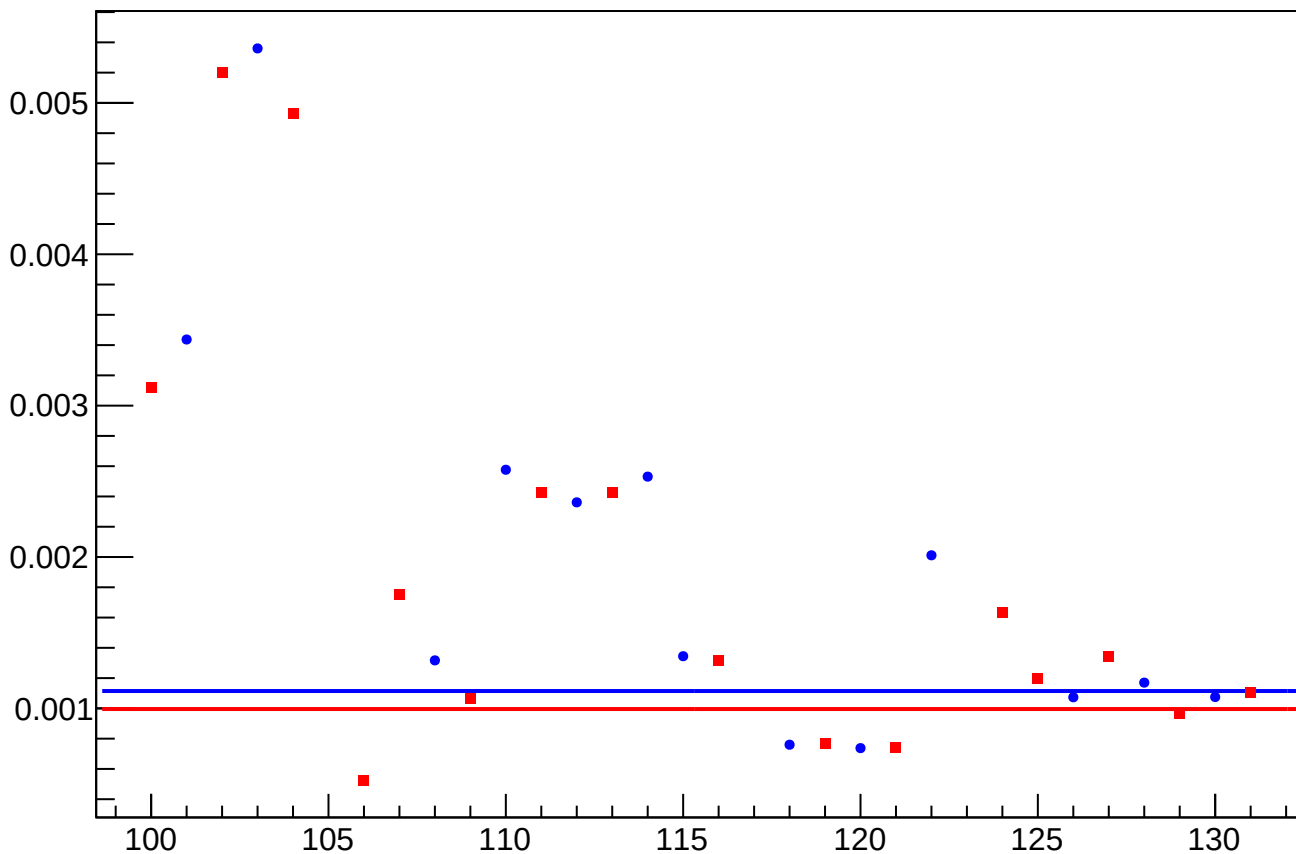
Right: -0.000+/-0.000 χ^2 /NDF: 39.3/28

In: -0.000+/-0.000 χ^2 /NDF:15.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 39.3/28

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2549104.2/12

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2987543.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

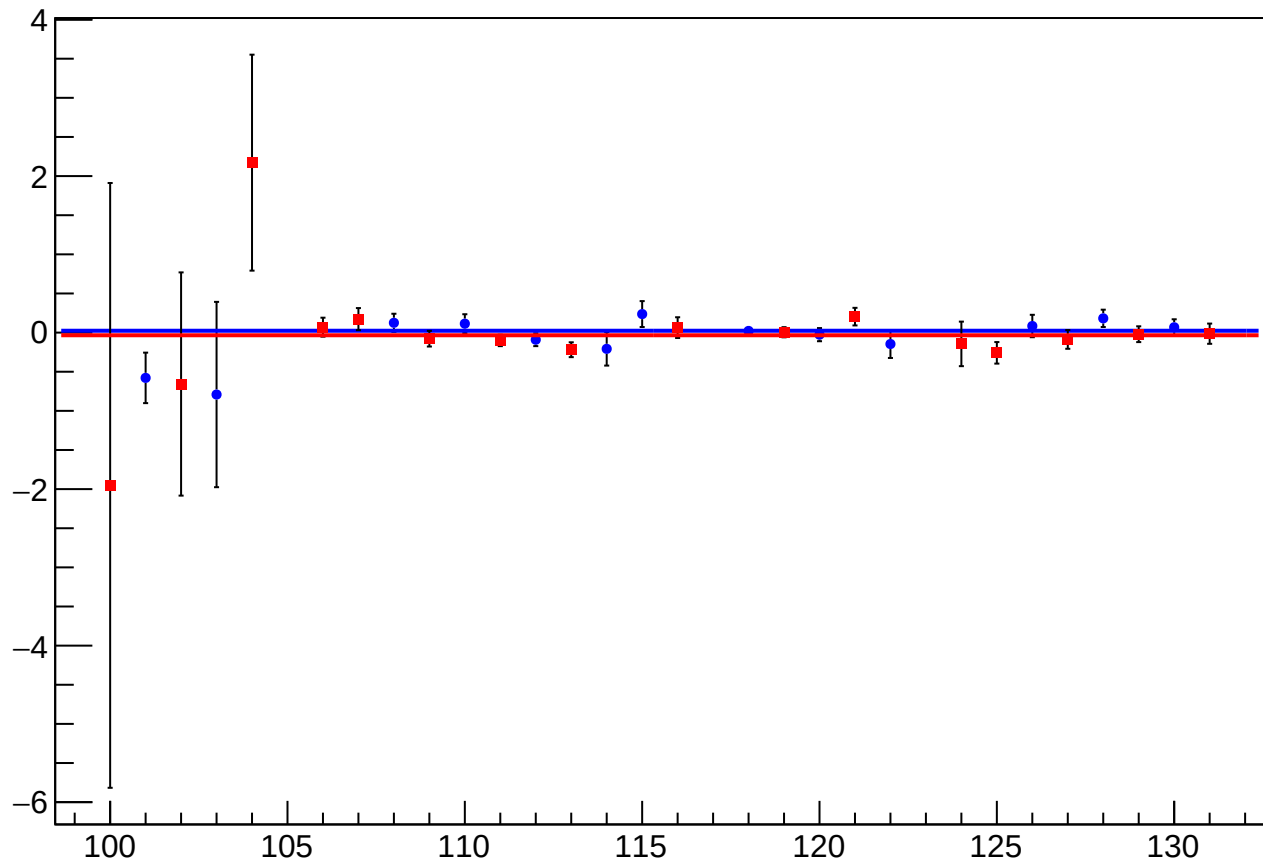
Right: 0.001+/-0.000 χ^2/NDF : 5590550.6/28

In: 0.001+/-0.000 χ^2/NDF :2549104.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5590550.6/28

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.030 χ^2 /NDF: 13.7/12

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

Right Out: -0.034 $\pm$ 0.029 χ^2 /NDF: 19.1/15

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

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

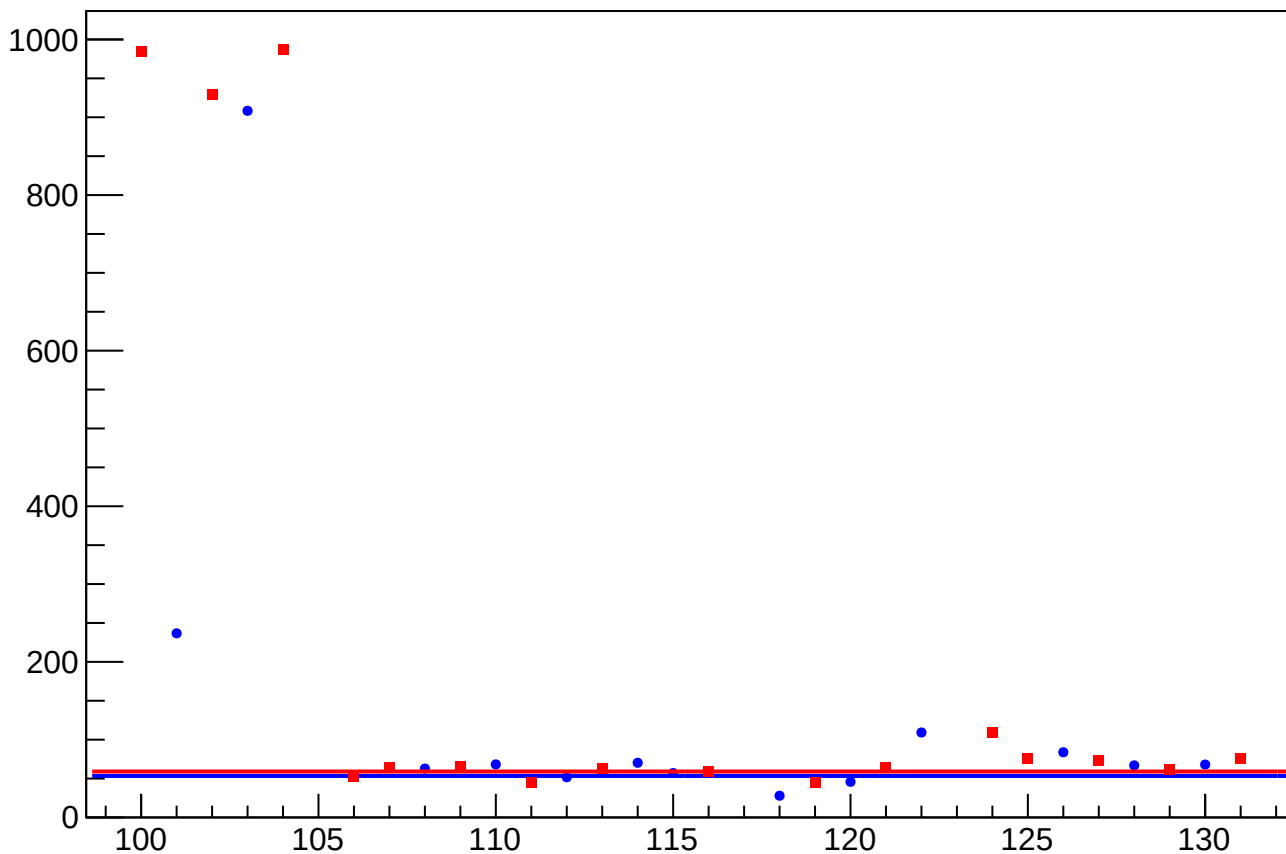
Right: -0.006 $\pm$ 0.021 χ^2 /NDF: 34.8/28

In: 0.024 $\pm$ 0.030 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.021 χ^2 /NDF: 34.8/28

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123920.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

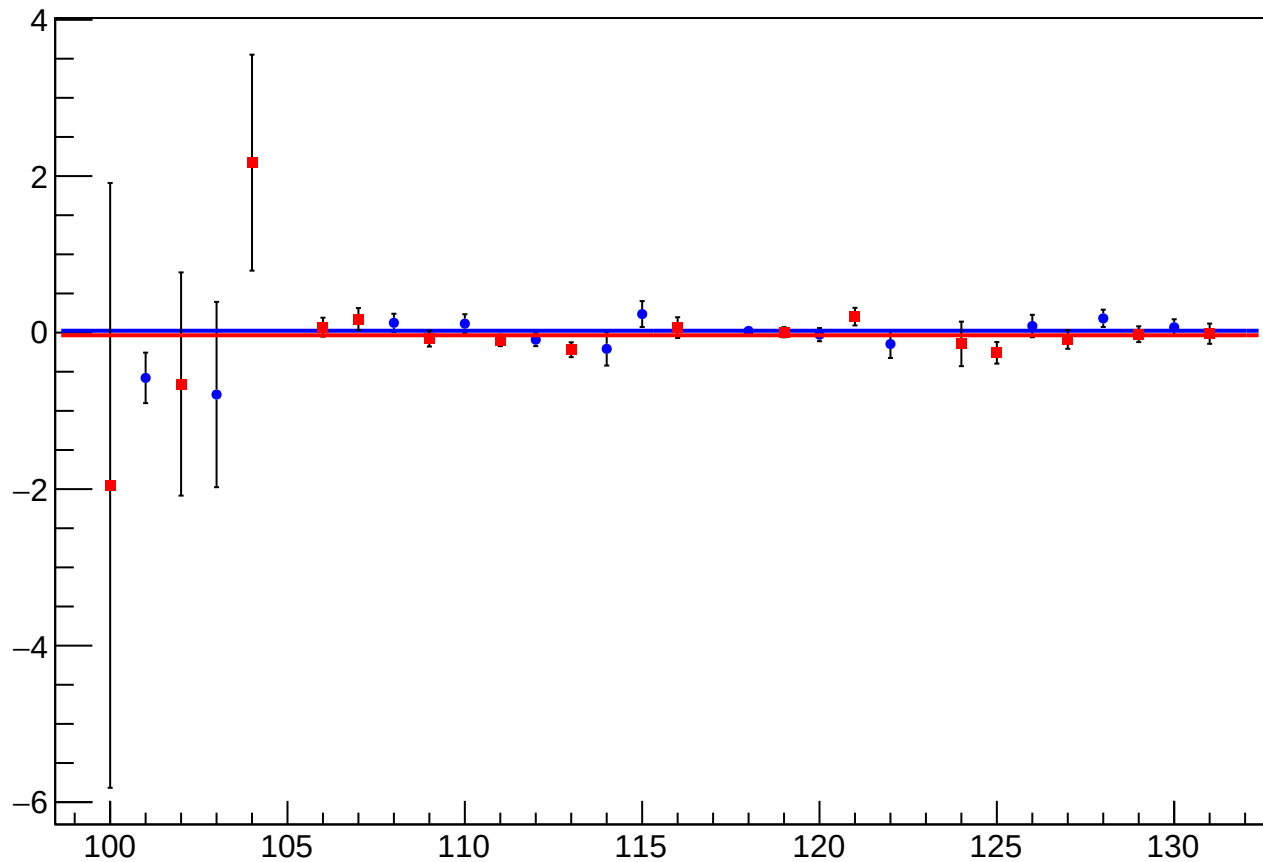
Right: 56.273+/-0.015 χ^2/NDF : 4742795.4/28

In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.273+/-0.015 χ^2/NDF : 4742795.4/28

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: -0.034+/-0.029 χ^2/NDF : 19.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

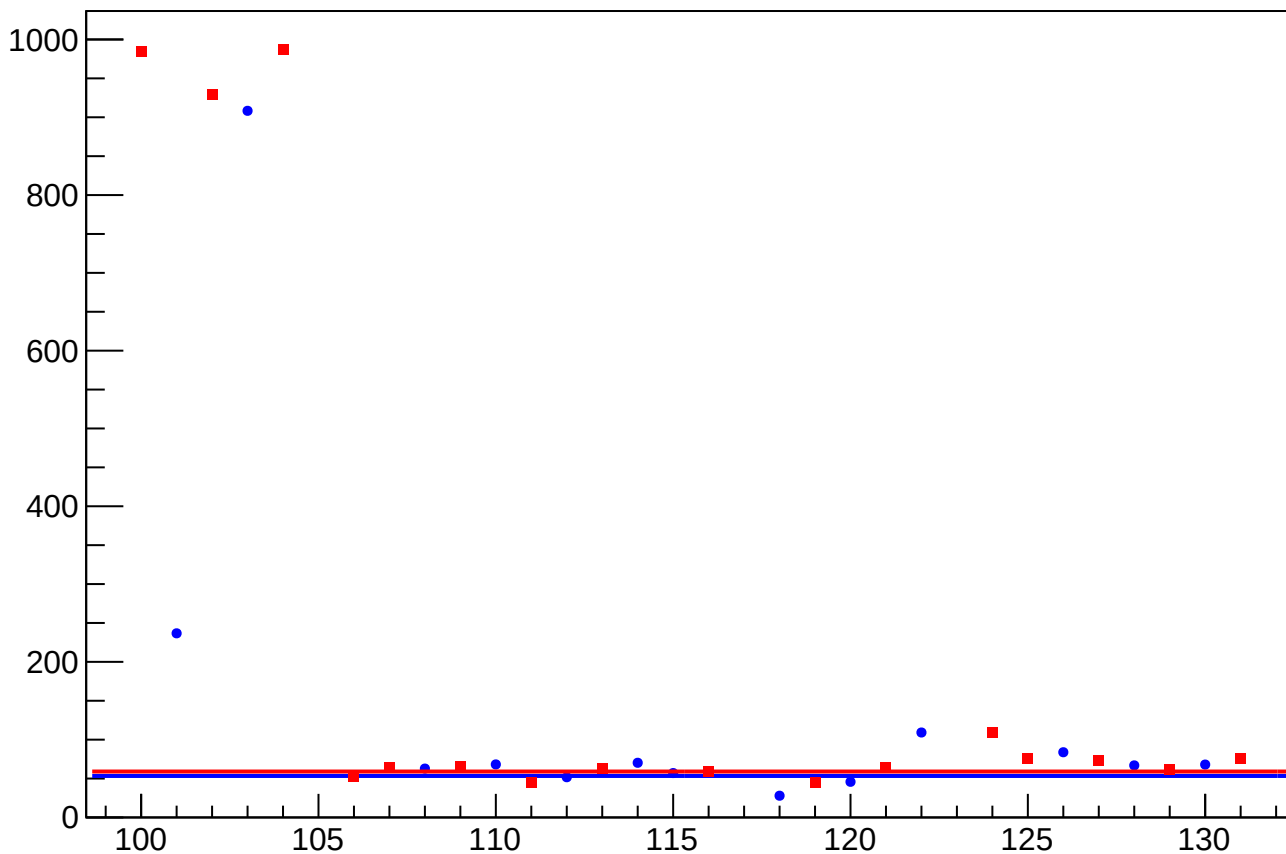
Right: -0.006+/-0.021 χ^2/NDF : 34.8/28

In: 0.024+/-0.030 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.021 χ^2/NDF : 34.8/28

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123920.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

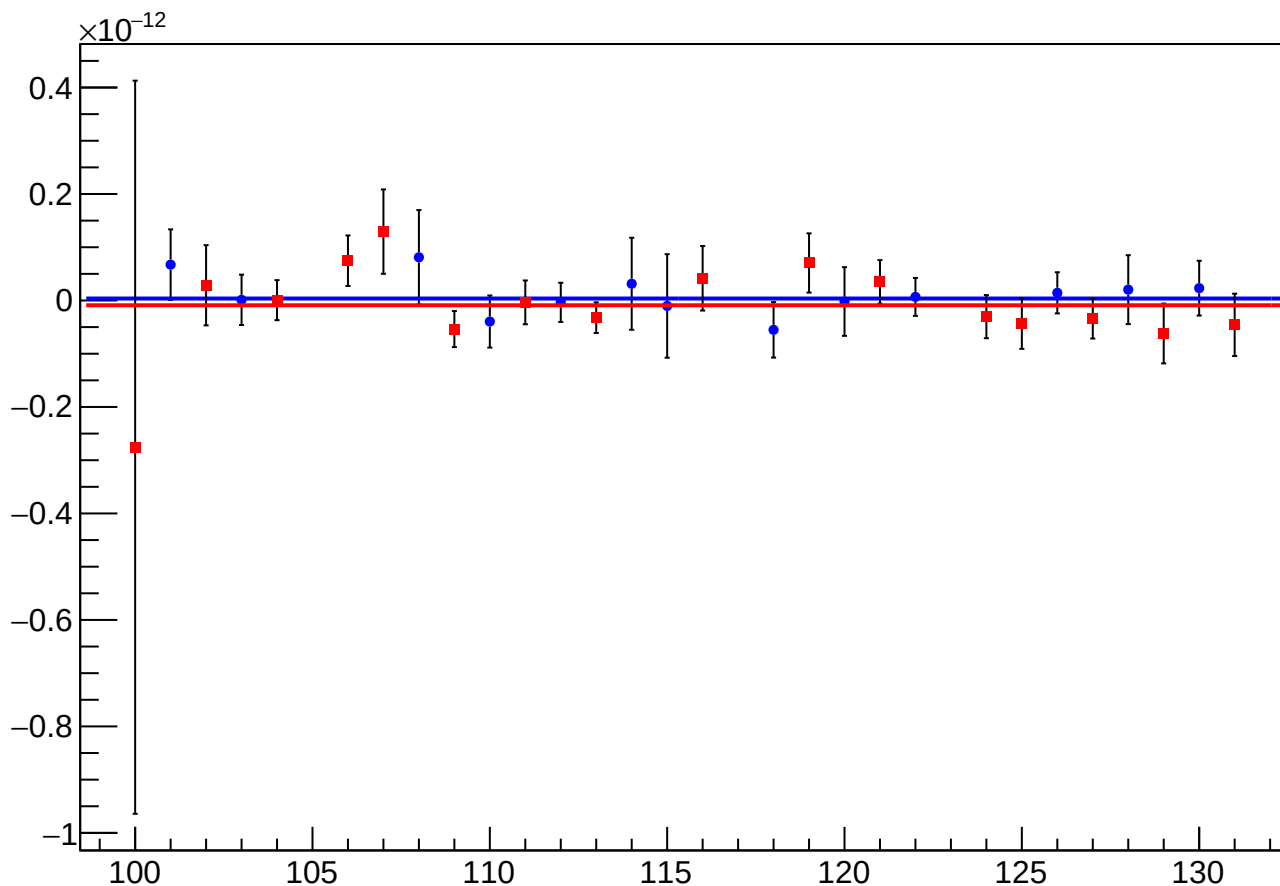
Right: 56.273+/-0.015 χ^2/NDF : 4742795.4/28

In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.273+/-0.015 χ^2/NDF : 4742795.4/28

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 15.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

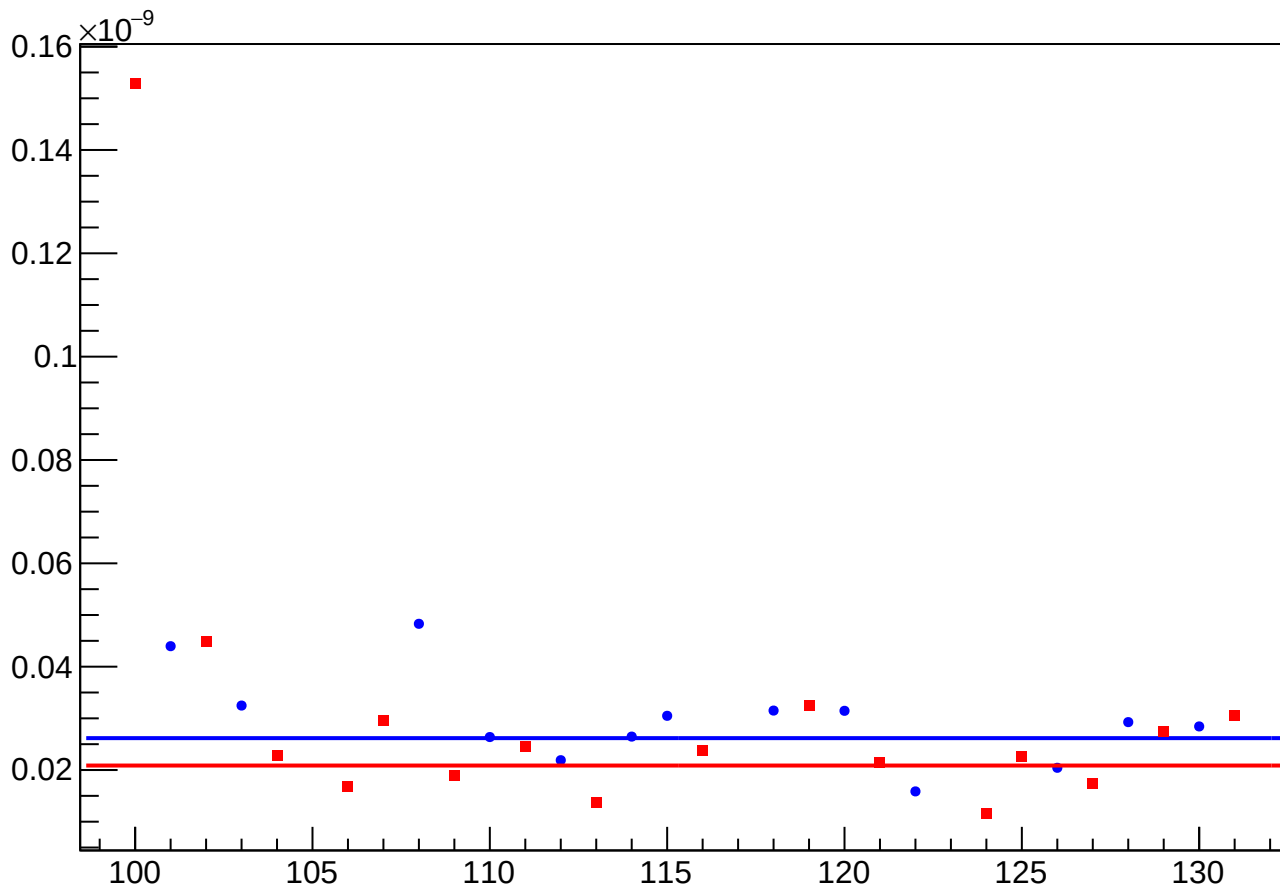
Right: -0.000+/-0.000 χ^2/NDF : 20.2/28

In: 0.000+/-0.000 χ^2/NDF : 4.2/12

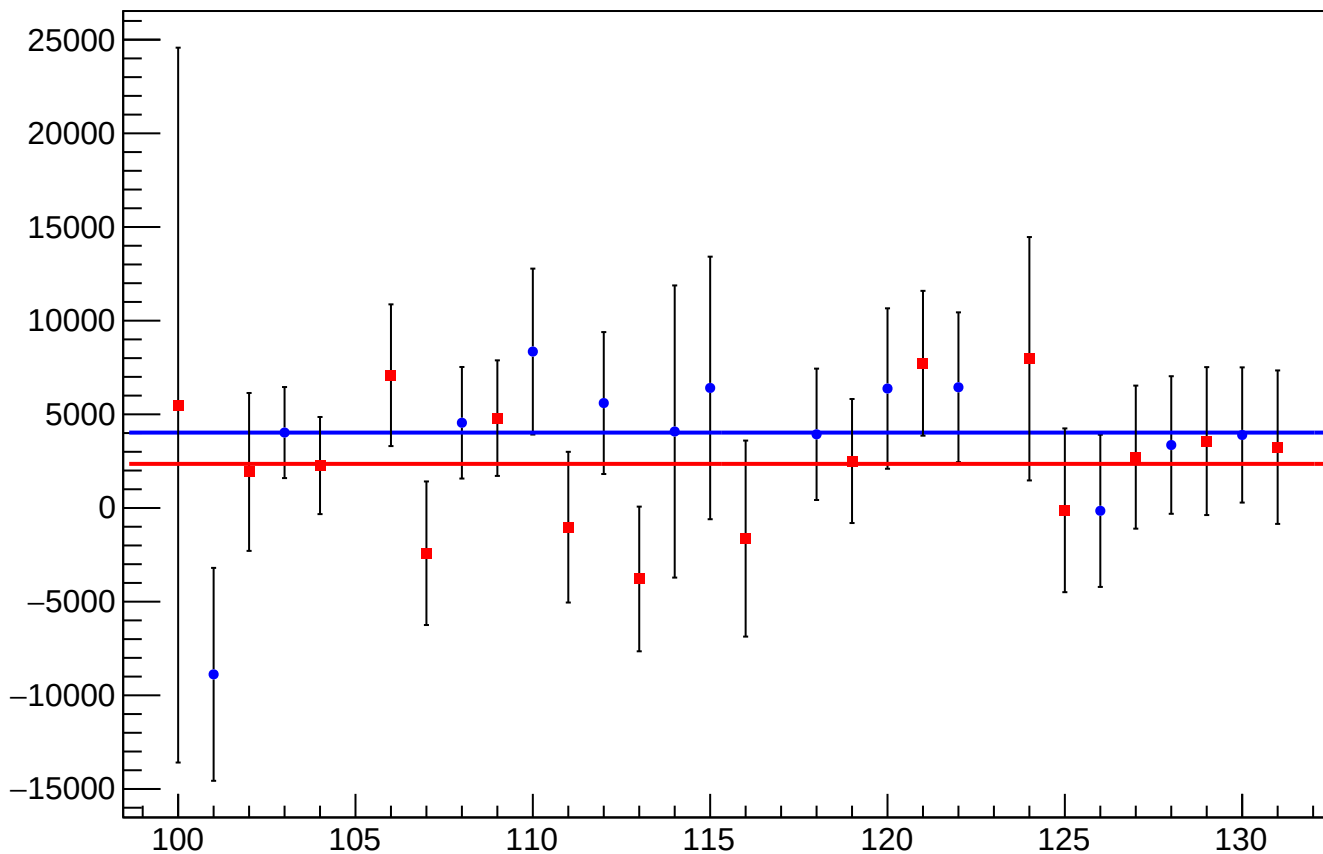
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/28

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4025.376+/-1065.768 χ^2/NDF : 8.2/12

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

Right Out: 2355.147+/-979.247 χ^2/NDF : 10.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

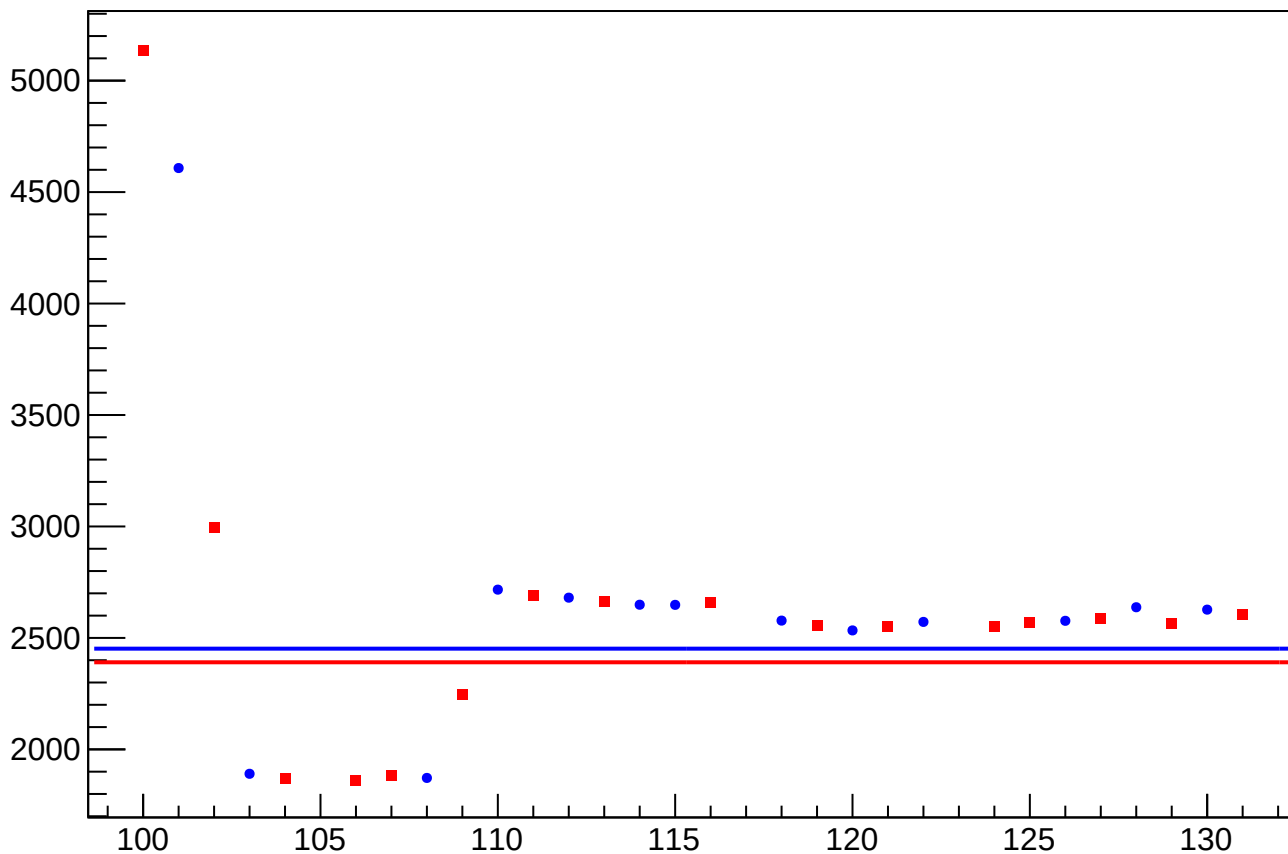
Right: 3119.723+/-721.083 χ^2/NDF : 20.3/28

In: 4025.376+/-1065.768 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.723+/-721.083 χ^2/NDF : 20.3/28

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.841+/-0.754 χ^2/NDF : 504527.6/12

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

Right Out: 2390.680+/-0.692 χ^2/NDF : 297076.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

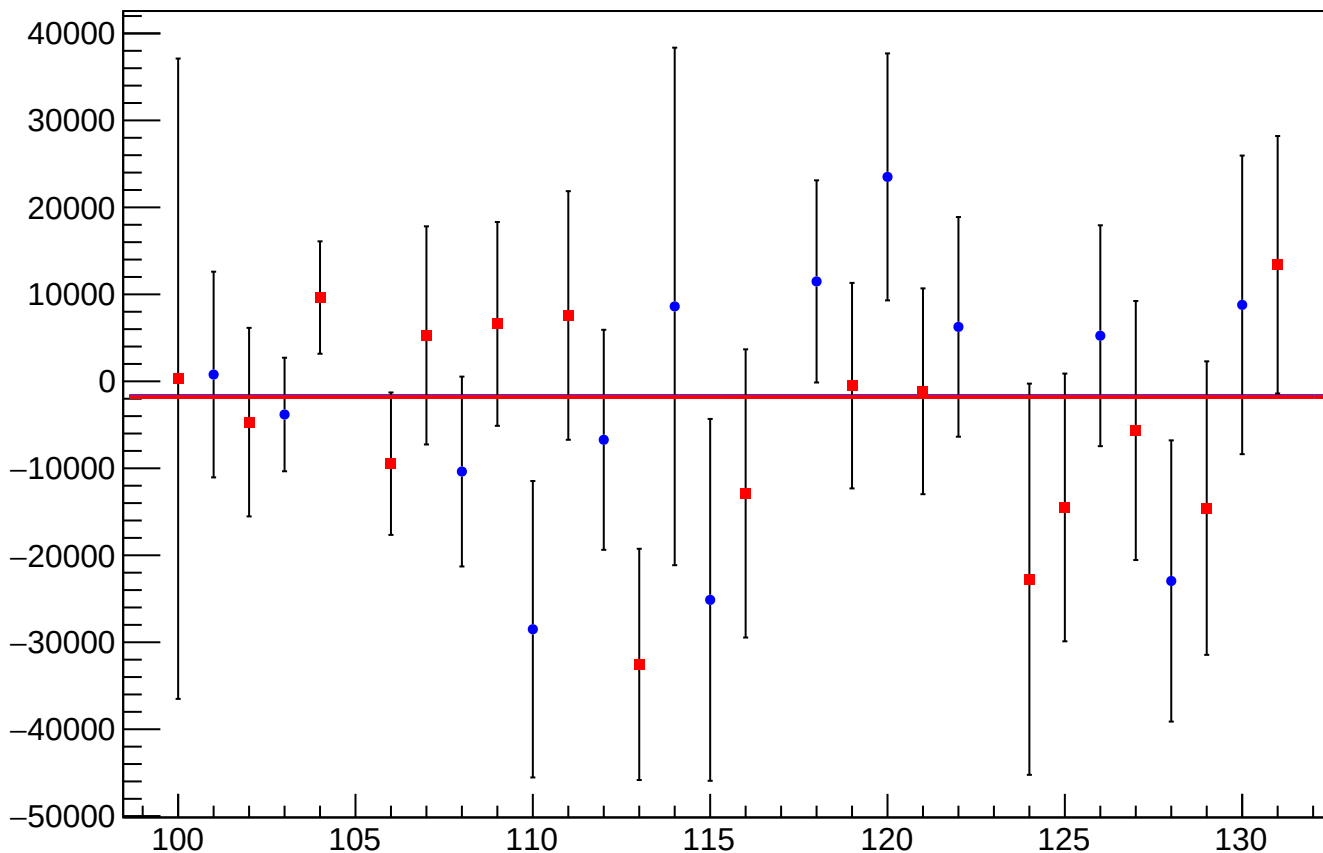
Right: 2418.677+/-0.510 χ^2/NDF : 805175.9/28

In: 2451.841+/-0.754 χ^2/NDF : 504527.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.677+/-0.510 χ^2/NDF : 805175.9/28

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1710.339+/-3446.045 χ^2/NDF : 12.0/12

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

Right Out: -1798.037+/-3028.242 χ^2/NDF : 14.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

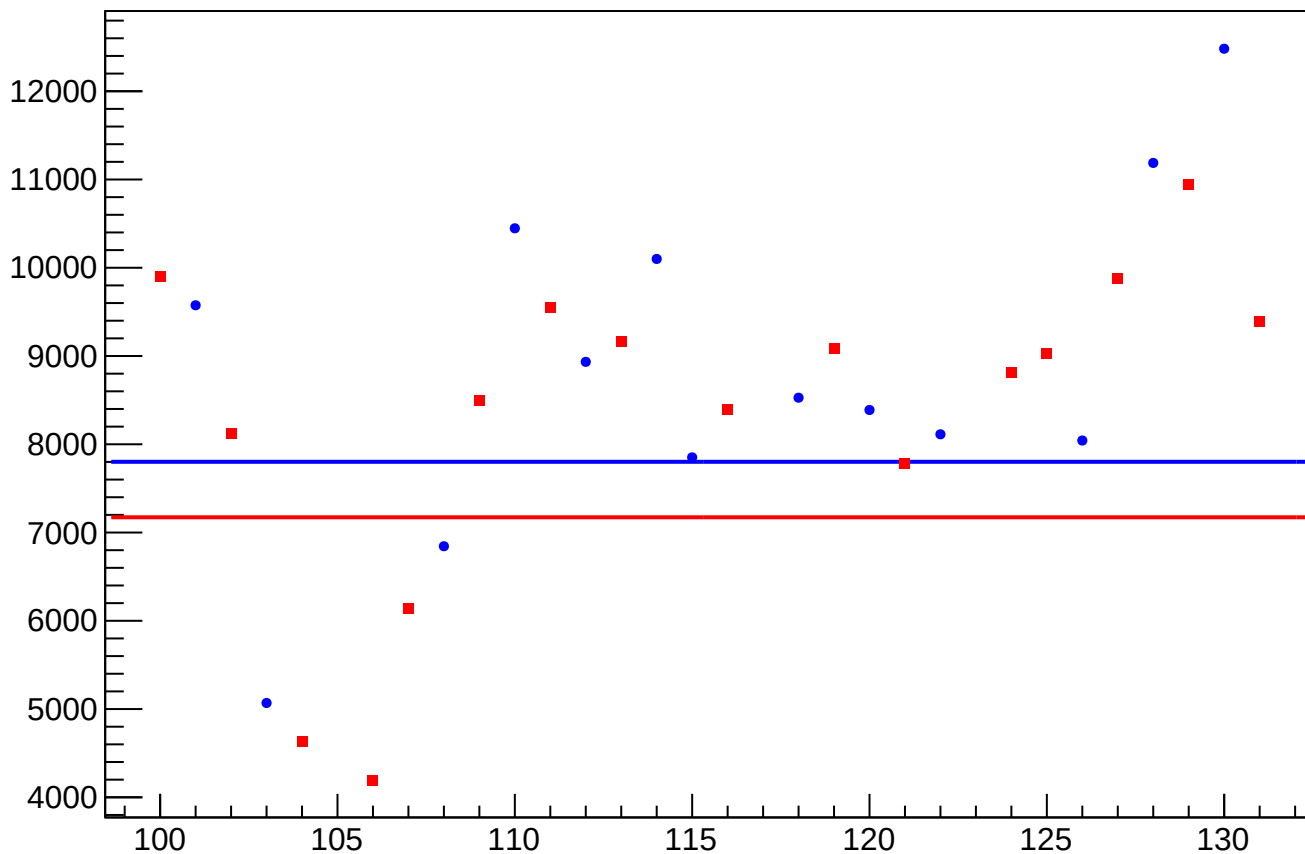
Right: -1759.824+/-2274.742 χ^2/NDF : 26.4/28

In: -1710.339+/-3446.045 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1759.824+/-2274.742 χ^2/NDF : 26.4/28

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7801.450+/-2.437 χ^2/NDF : 736666.2/12

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

Right Out: 7172.711+/-2.141 χ^2/NDF : 1058531.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

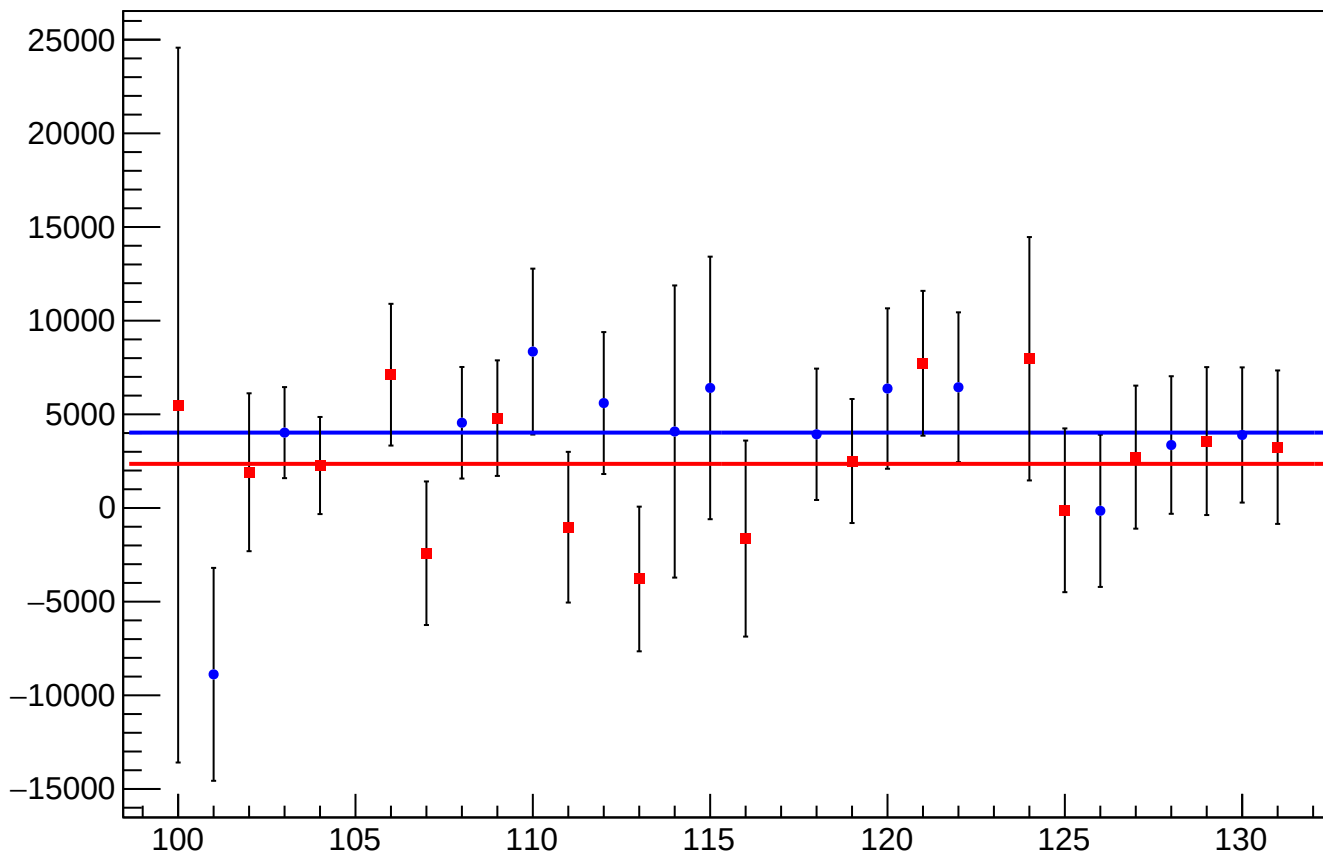
Right: 7446.675+/-1.608 χ^2/NDF : 1832764.7/28

In: 7801.450+/-2.437 χ^2/NDF : 736666.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7446.675+/-1.608 χ^2/NDF : 1832764.7/28

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4024.748+/-1065.768 χ^2/NDF : 8.2/12

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

Right Out: 2355.966+/-979.256 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

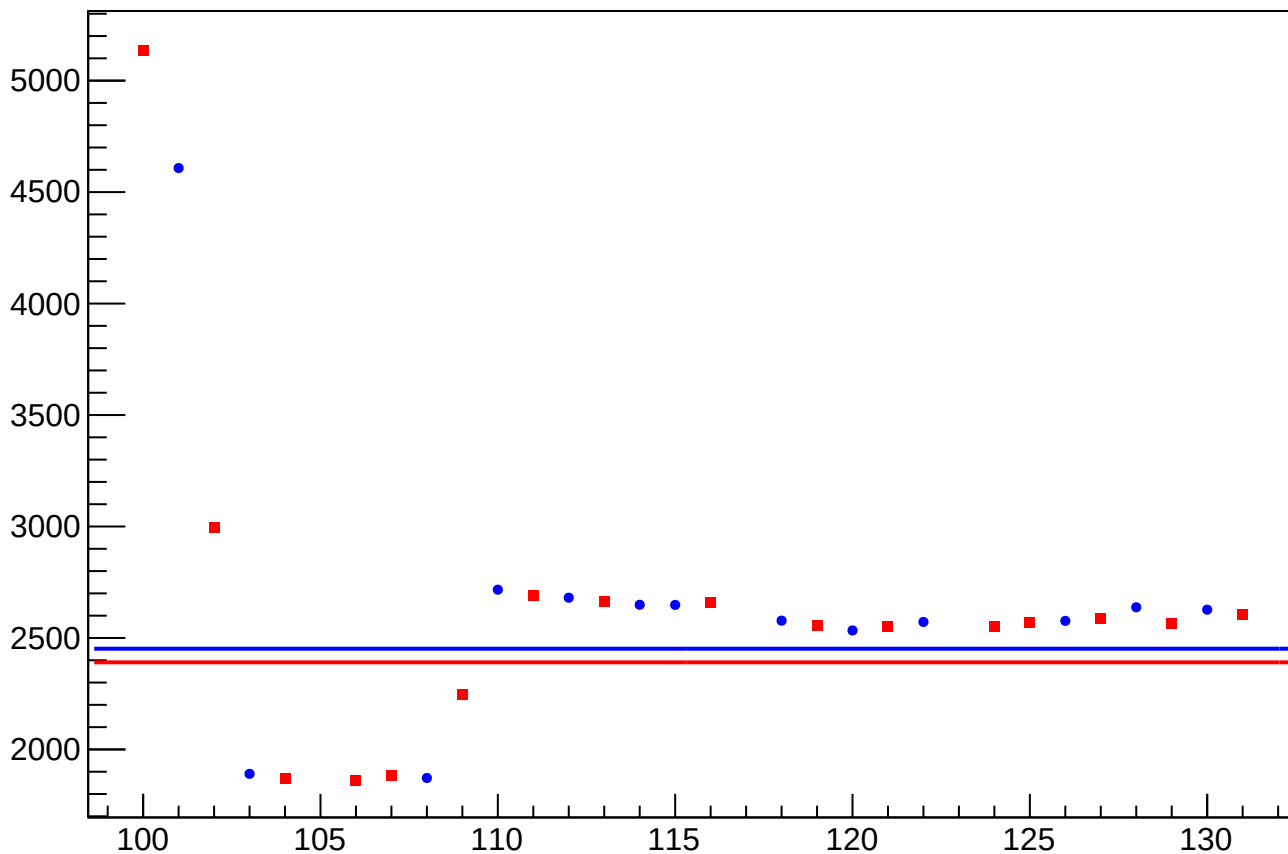
Right: 3119.887+/-721.086 χ^2/NDF : 20.3/28

In: 4024.748+/-1065.768 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.887+/-721.086 χ^2/NDF : 20.3/28

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

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

Right Out: 2390.706+/-0.692 χ^2/NDF : 297029.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

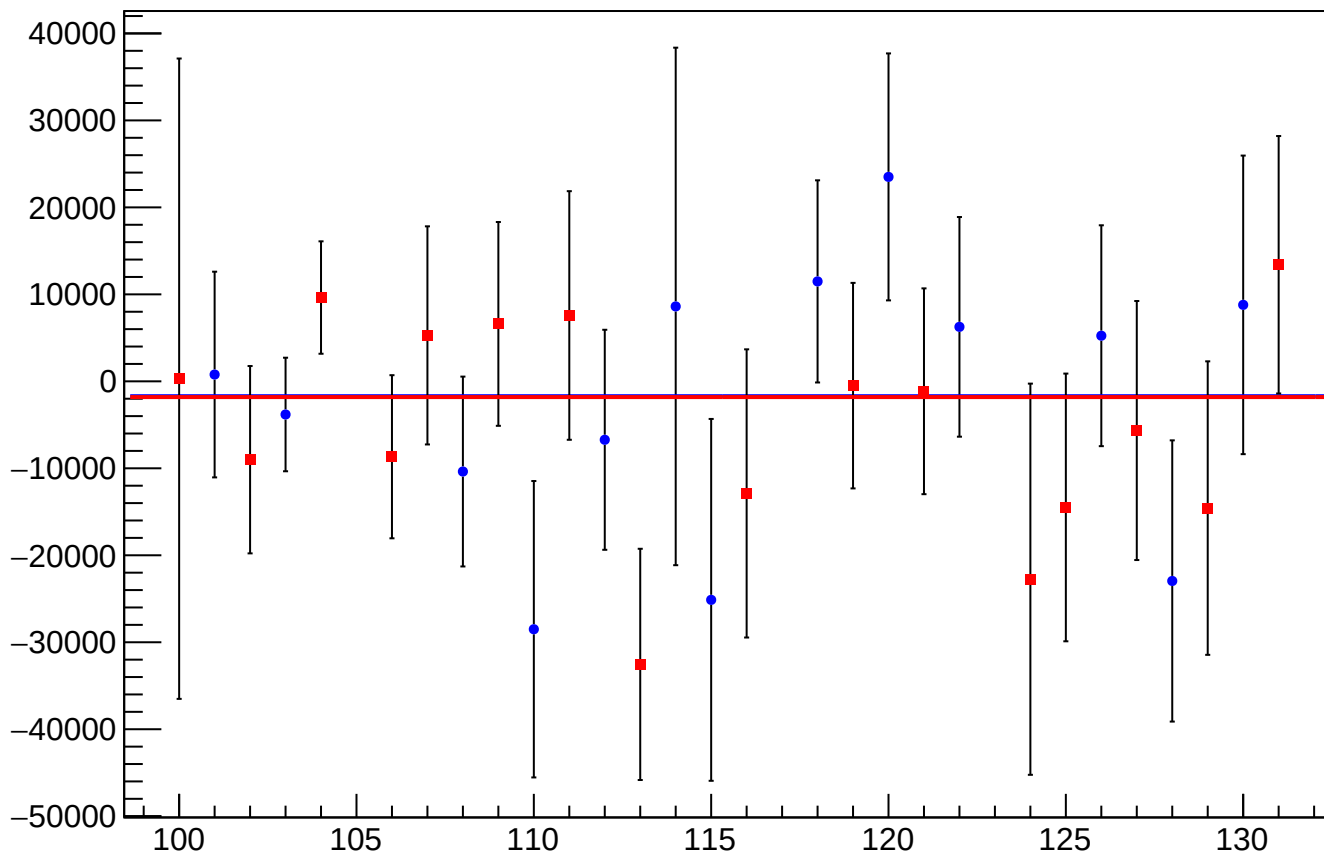
Right: 2418.693+/-0.510 χ^2/NDF : 805123.2/28

In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.693+/-0.510 χ^2/NDF : 805123.2/28

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1709.978+/-3446.170 χ^2 /NDF: 12.0/12

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

Right Out: -1810.848+/-3077.088 χ^2 /NDF: 14.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

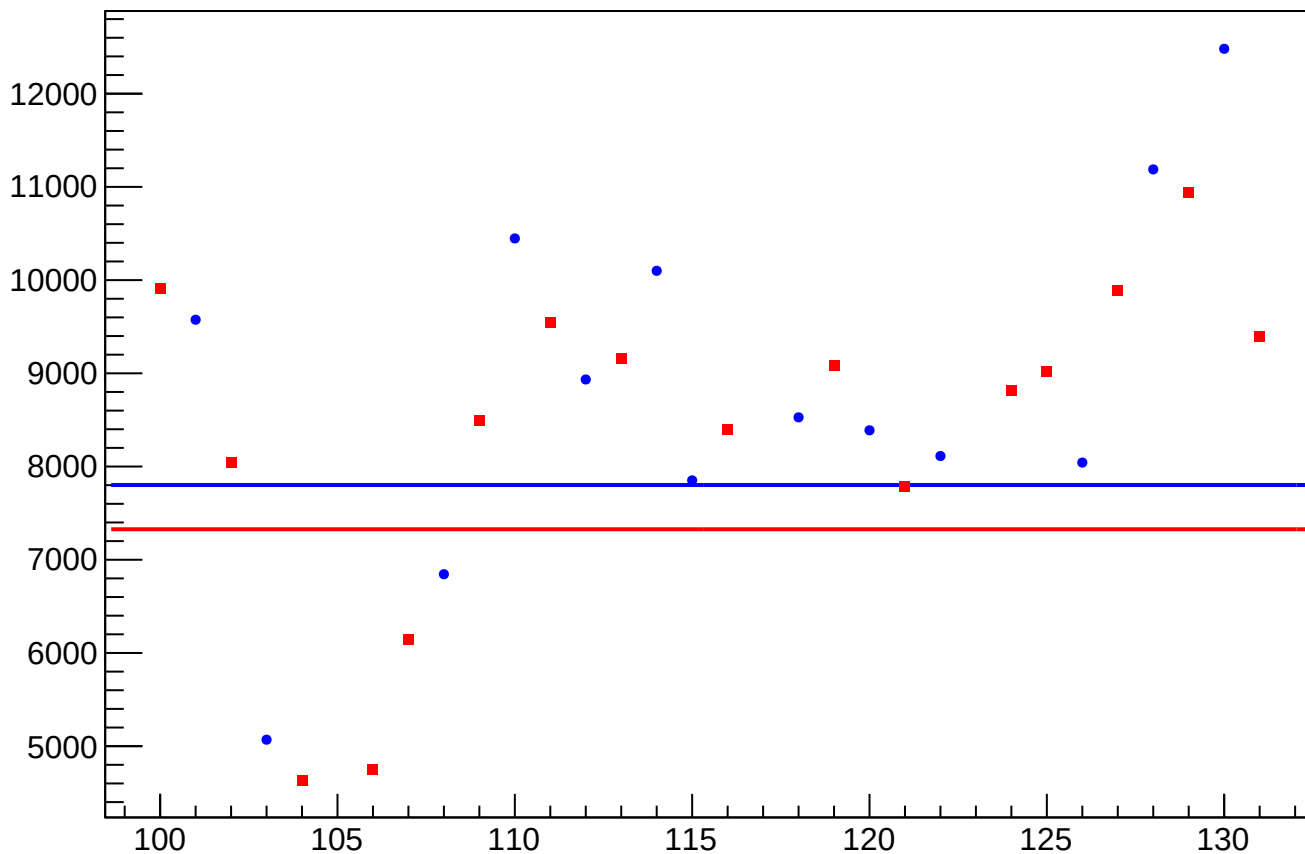
Right: -1766.102+/-2295.266 χ^2 /NDF: 26.5/28

In: -1709.978+/-3446.170 χ^2 /NDF:12.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1766.102+/-2295.266 χ^2 /NDF: 26.5/28

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

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

Right Out: 7327.126+/-2.176 χ^2/NDF : 920332.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

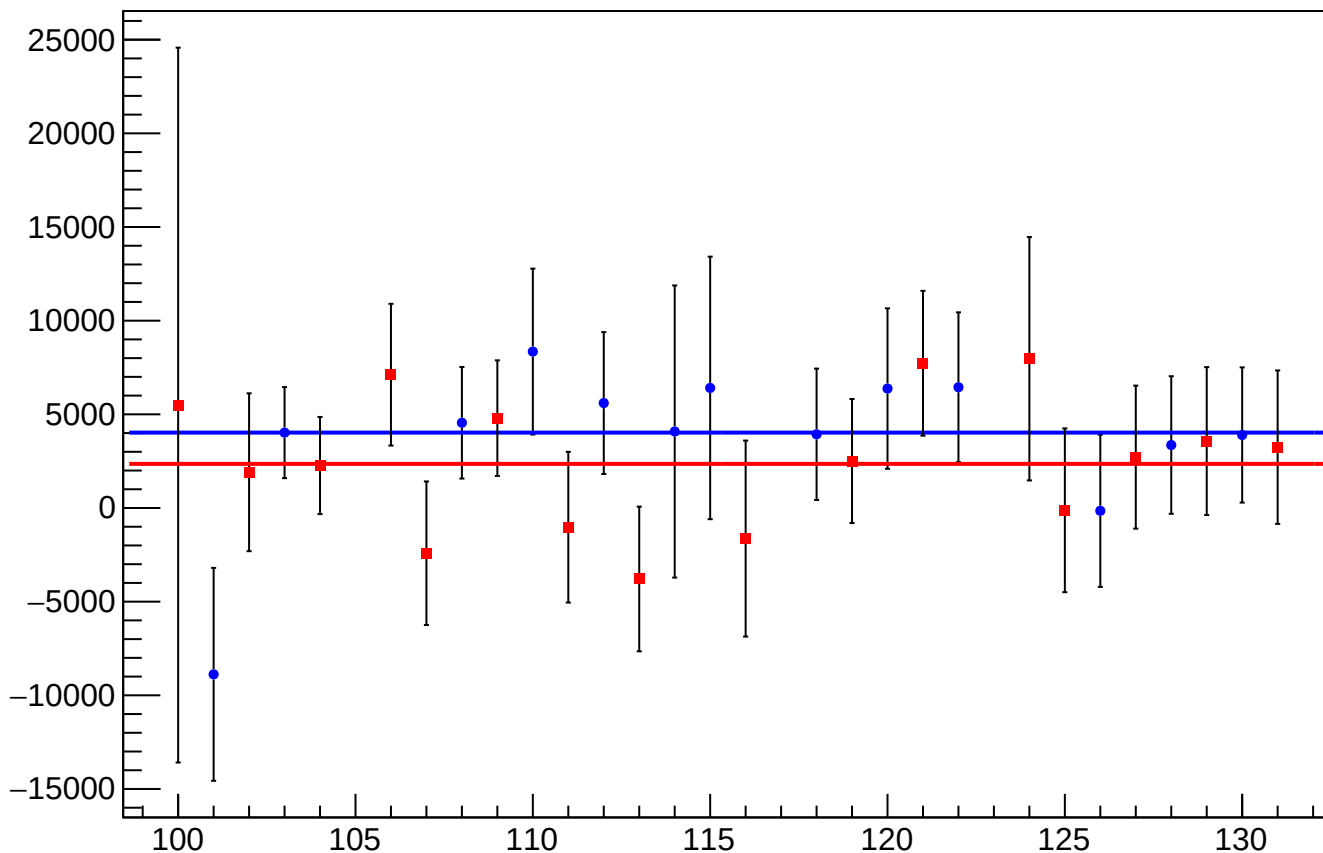
Right: 7537.714+/-1.623 χ^2/NDF : 1677839.9/28

In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7537.714+/-1.623 χ^2/NDF : 1677839.9/28

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4024.748+/-1065.768 χ^2/NDF : 8.2/12

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

Right Out: 2355.966+/-979.256 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

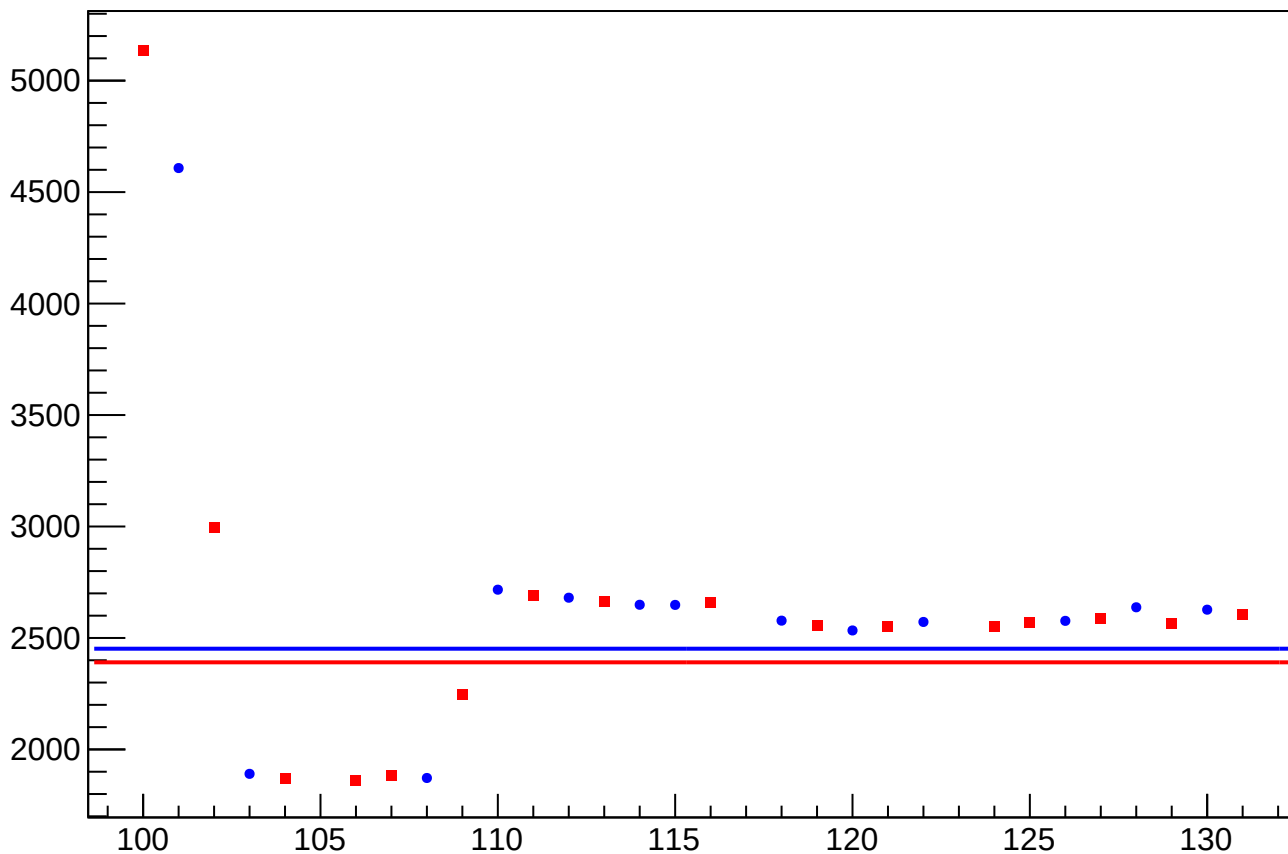
Right: 3119.887+/-721.086 χ^2/NDF : 20.3/28

In: 4024.748+/-1065.768 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.887+/-721.086 χ^2/NDF : 20.3/28

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

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

Right Out: 2390.706+/-0.692 χ^2/NDF : 297029.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

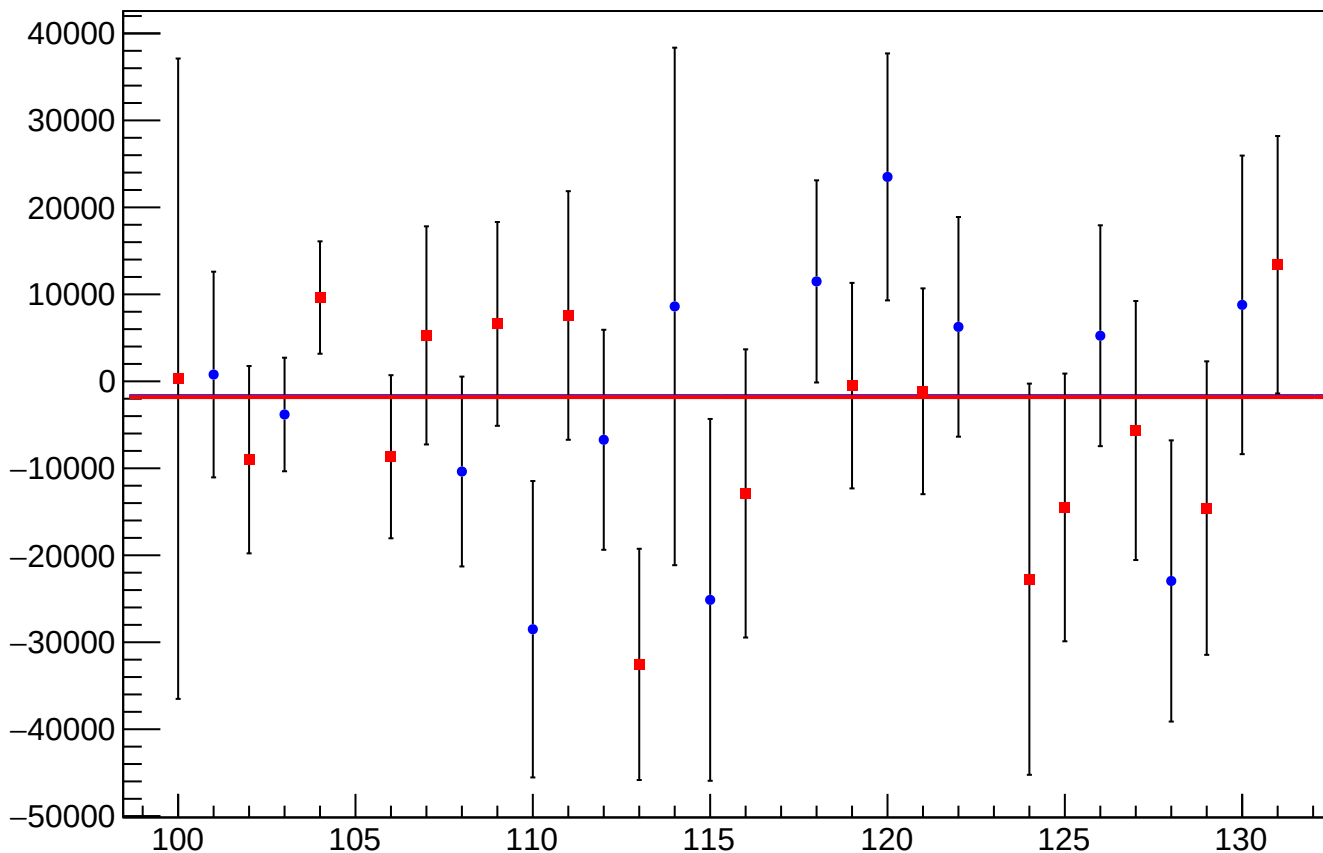
Right: 2418.693+/-0.510 χ^2/NDF : 805123.2/28

In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.693+/-0.510 χ^2/NDF : 805123.2/28

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

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

Right Out: -1810.848+/-3077.088 χ^2/NDF : 14.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

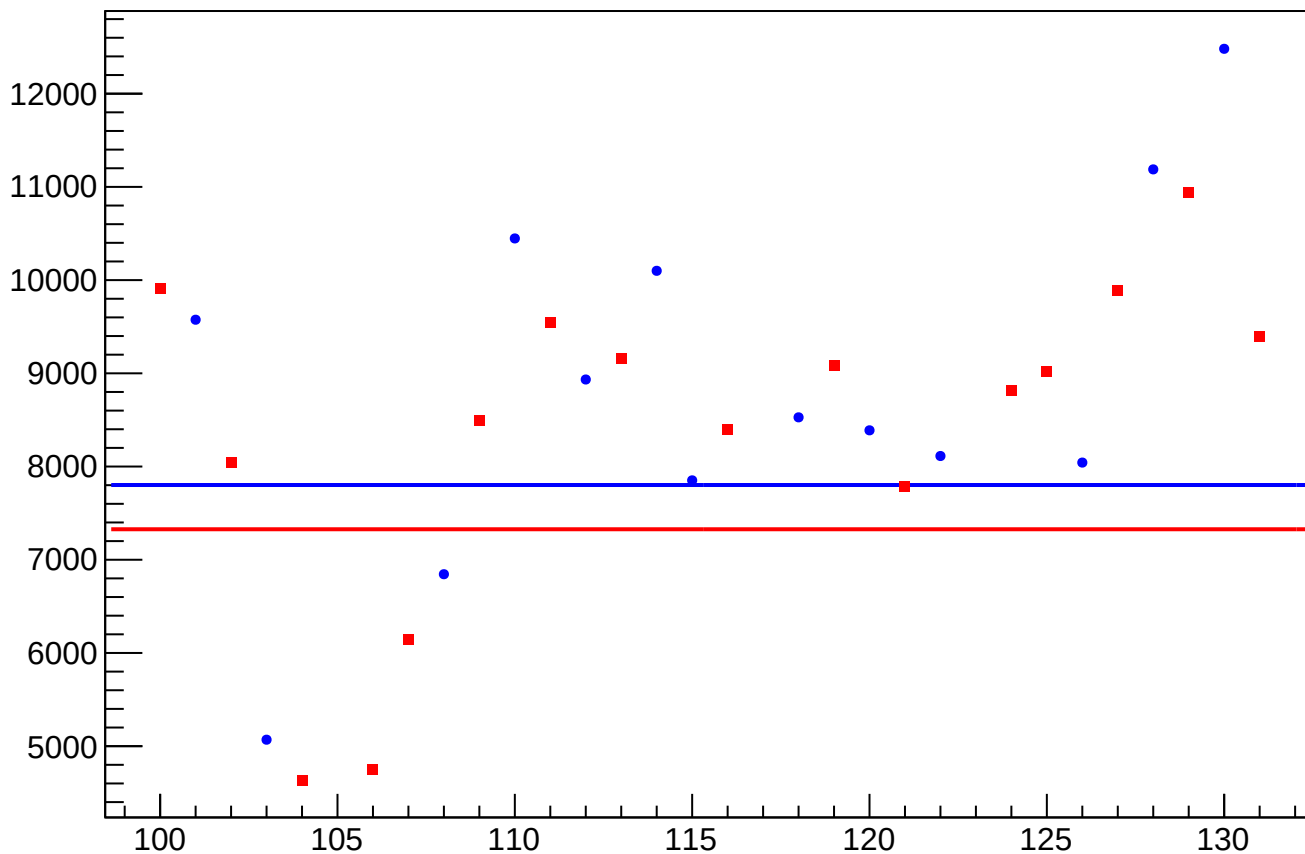
Right: -1766.102+/-2295.266 χ^2/NDF : 26.5/28

In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1766.102+/-2295.266 χ^2/NDF : 26.5/28

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

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

Right Out: 7327.126+/-2.176 χ^2/NDF : 920332.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

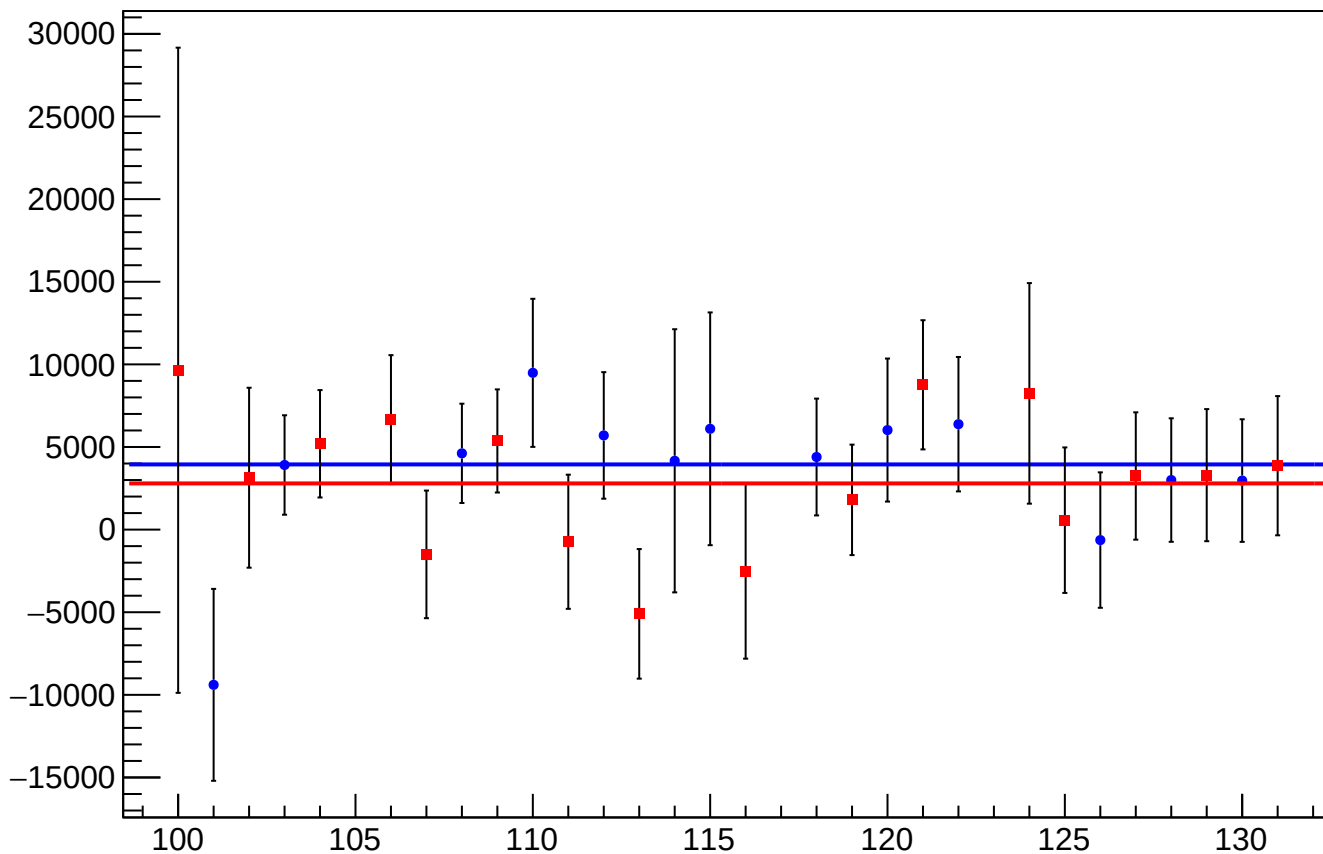
Right: 7537.714+/-1.623 χ^2/NDF : 1677839.9/28

In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7537.714+/-1.623 χ^2/NDF : 1677839.9/28

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3945.667+/-1116.273 χ^2/NDF : 9.1/12

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

Right Out: 2795.740+/-1029.689 χ^2/NDF : 12.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

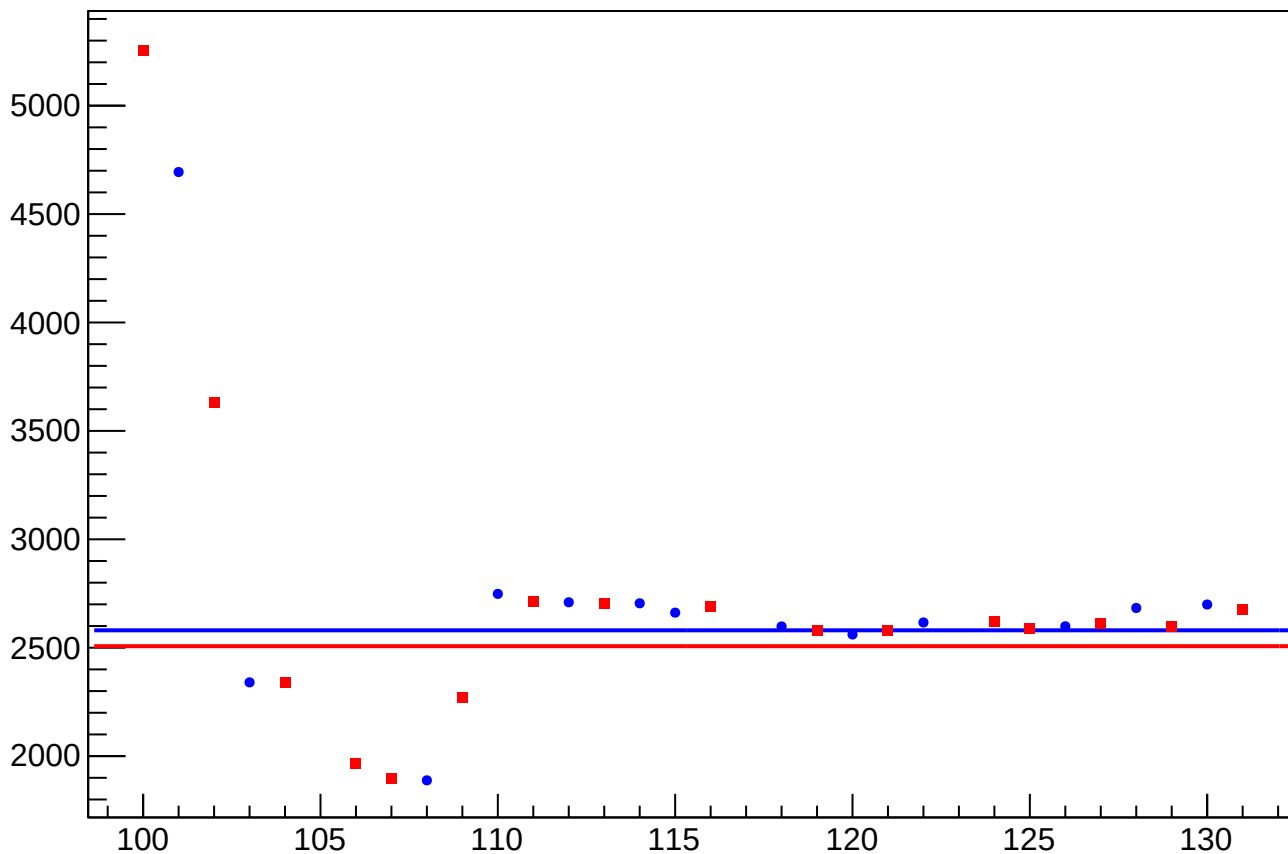
Right: 3324.382+/-756.861 χ^2/NDF : 22.5/28

In: 3945.667+/-1116.273 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3324.382+/-756.861 χ^2/NDF : 22.5/28

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2580.258+/-0.789 χ^2/NDF : 393534.3/12

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

Right Out: 2507.116+/-0.728 χ^2/NDF : 251901.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

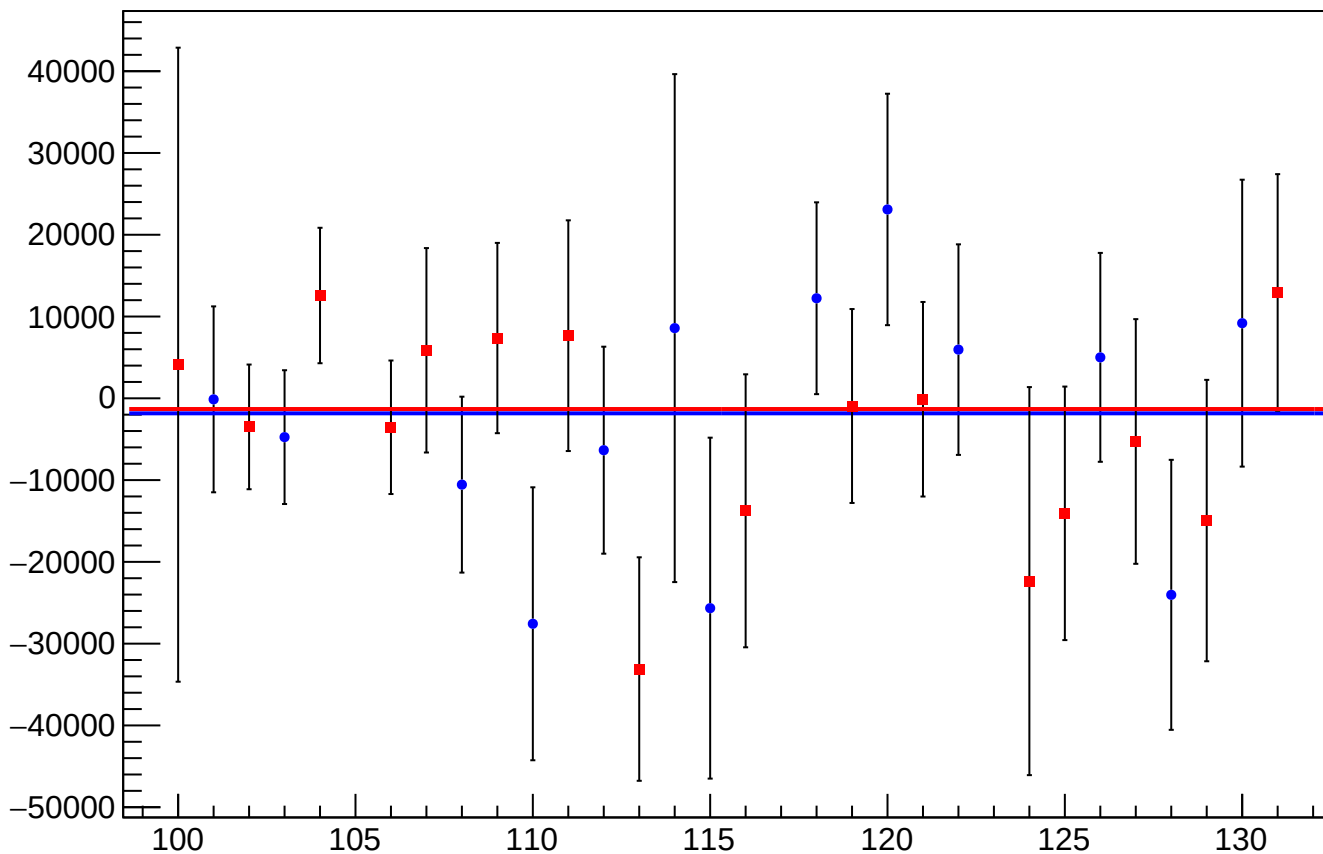
Right: 2540.717+/-0.535 χ^2/NDF : 650077.9/28

In: 2580.258+/-0.789 χ^2/NDF : 393534.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2540.717+/-0.535 χ^2/NDF : 650077.9/28

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1836.466+/-3631.034 χ^2 /NDF: 12.1/12

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

Right Out: -1309.422+/-3043.327 χ^2 /NDF: 13.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

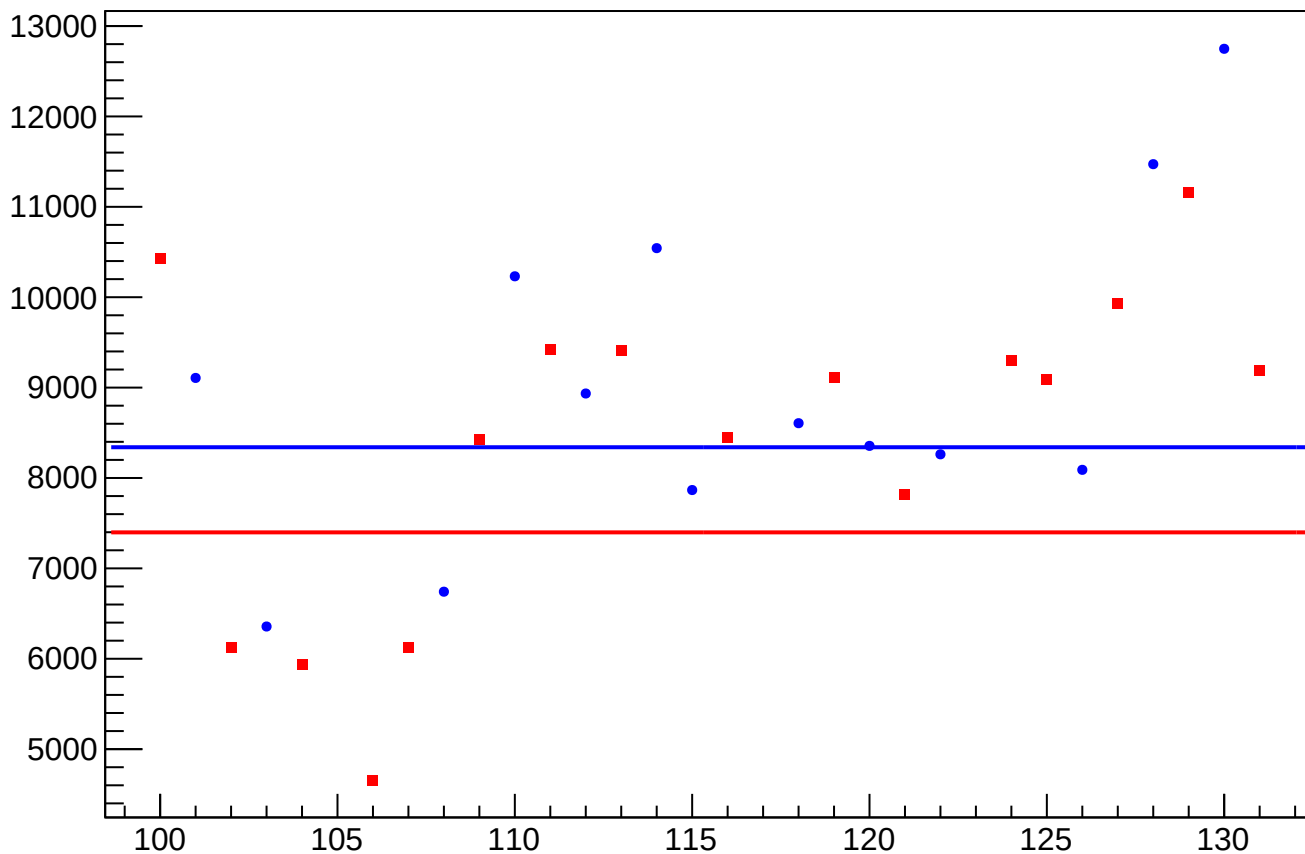
Right: -1526.893+/-2332.422 χ^2 /NDF: 25.5/28

In: -1836.466+/-3631.034 χ^2 /NDF:12.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1526.893+/-2332.422 χ^2 /NDF: 25.5/28

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8340.197+/-2.568 χ^2/NDF : 412179.5/12

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

Right Out: 7398.315+/-2.152 χ^2/NDF : 748700.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

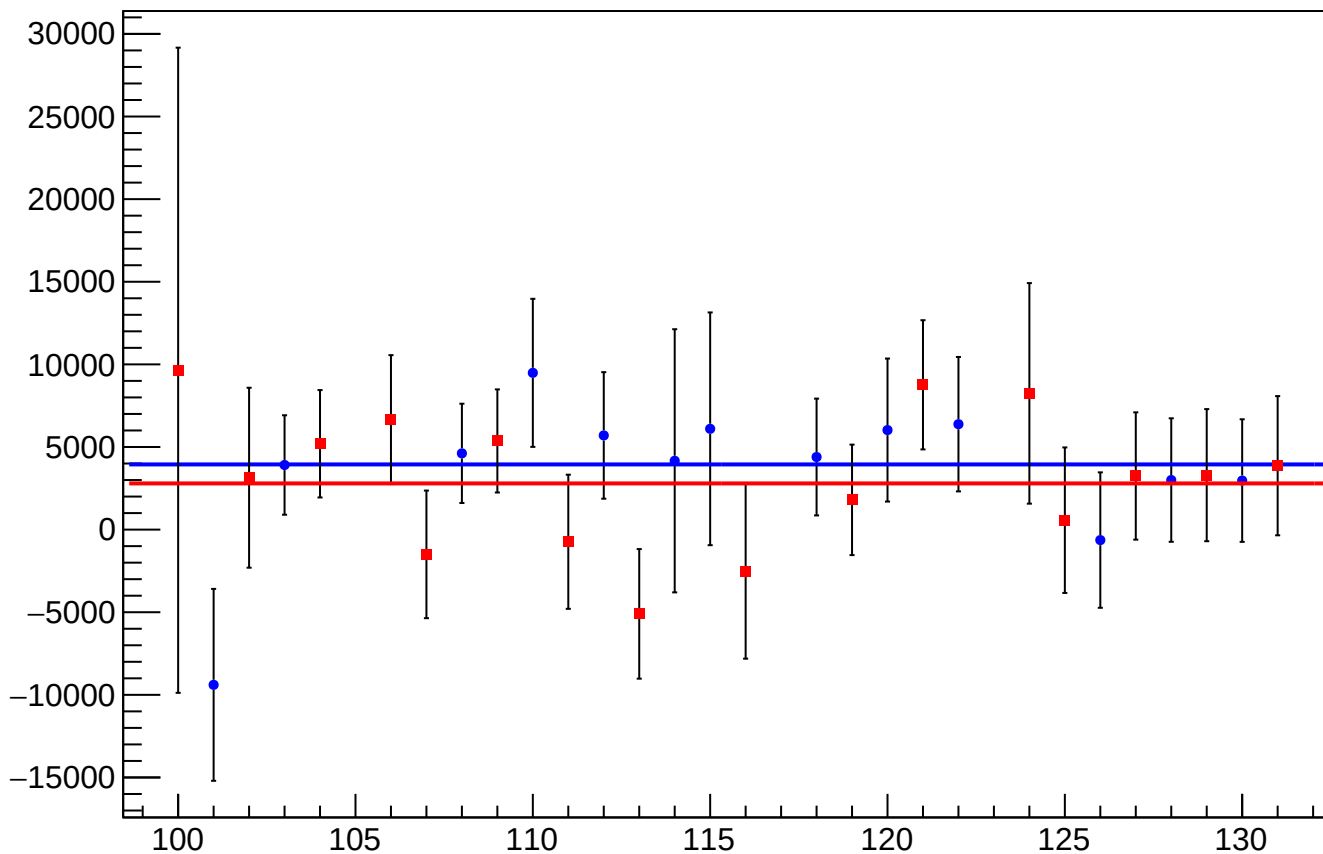
Right: 7786.957+/-1.649 χ^2/NDF : 1239925.8/28

In: 8340.197+/-2.568 χ^2/NDF : 412179.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7786.957+/-1.649 χ^2/NDF : 1239925.8/28

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3945.668+/-1116.272 χ^2/NDF : 9.1/12

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

Right Out: 2795.751+/-1029.689 χ^2/NDF : 12.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

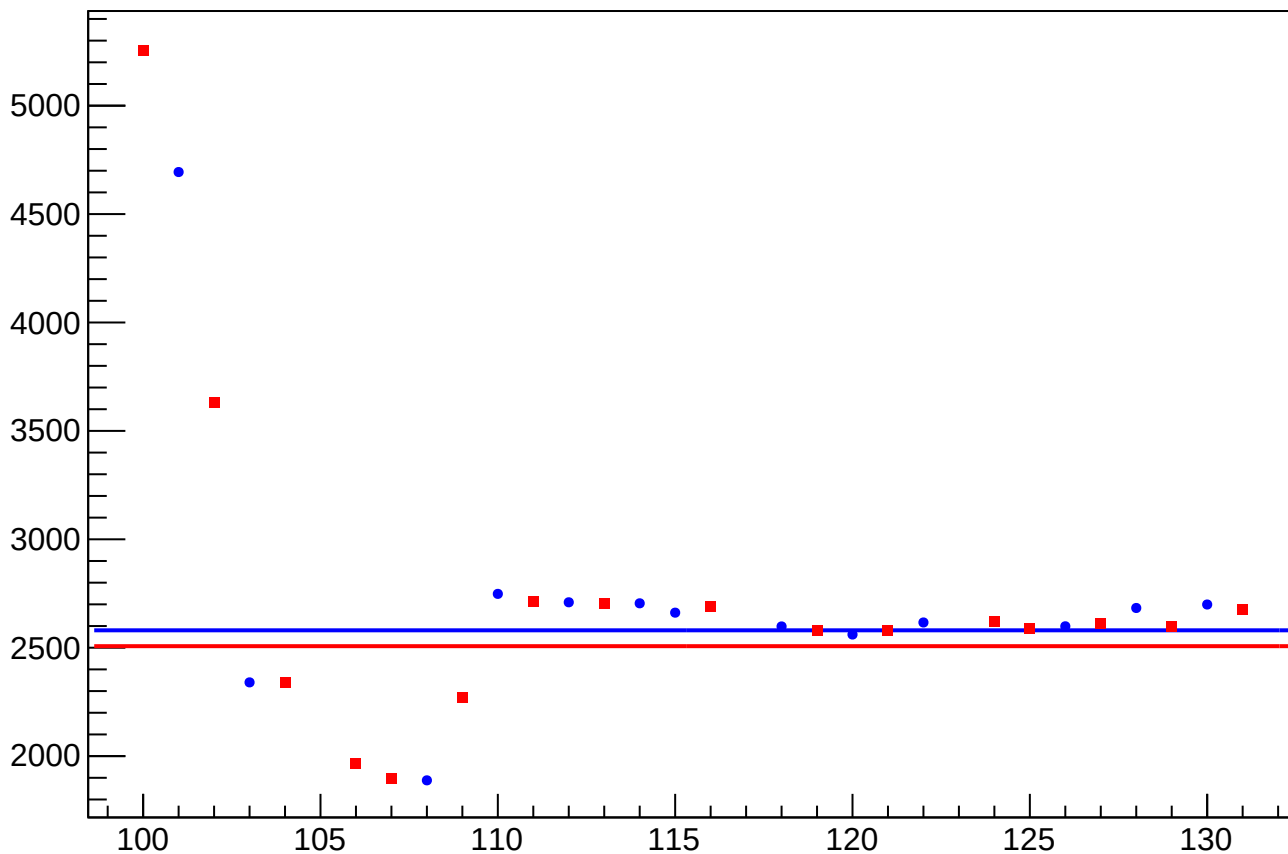
Right: 3324.389+/-756.861 χ^2/NDF : 22.5/28

In: 3945.668+/-1116.272 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3324.389+/-756.861 χ^2/NDF : 22.5/28

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2580.257+/-0.789 χ^2/NDF : 393534.4/12

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

Right Out: 2507.116+/-0.728 χ^2/NDF : 251901.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

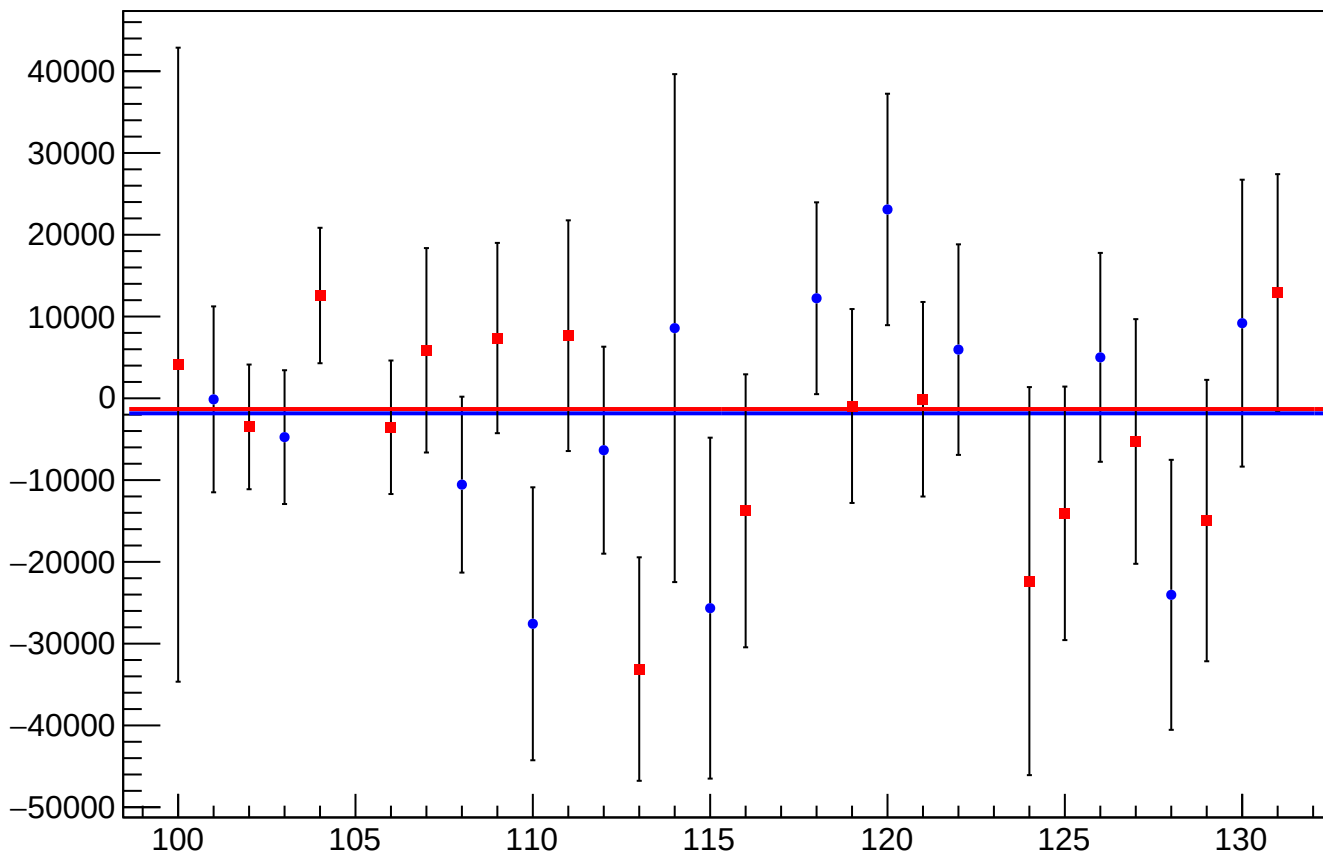
Right: 2540.716+/-0.535 χ^2/NDF : 650077.4/28

In: 2580.257+/-0.789 χ^2/NDF : 393534.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2540.716+/-0.535 χ^2/NDF : 650077.4/28

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1836.450+/-3631.025 χ^2 /NDF: 12.1/12

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

Right Out: -1309.416+/-3043.321 χ^2 /NDF: 13.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

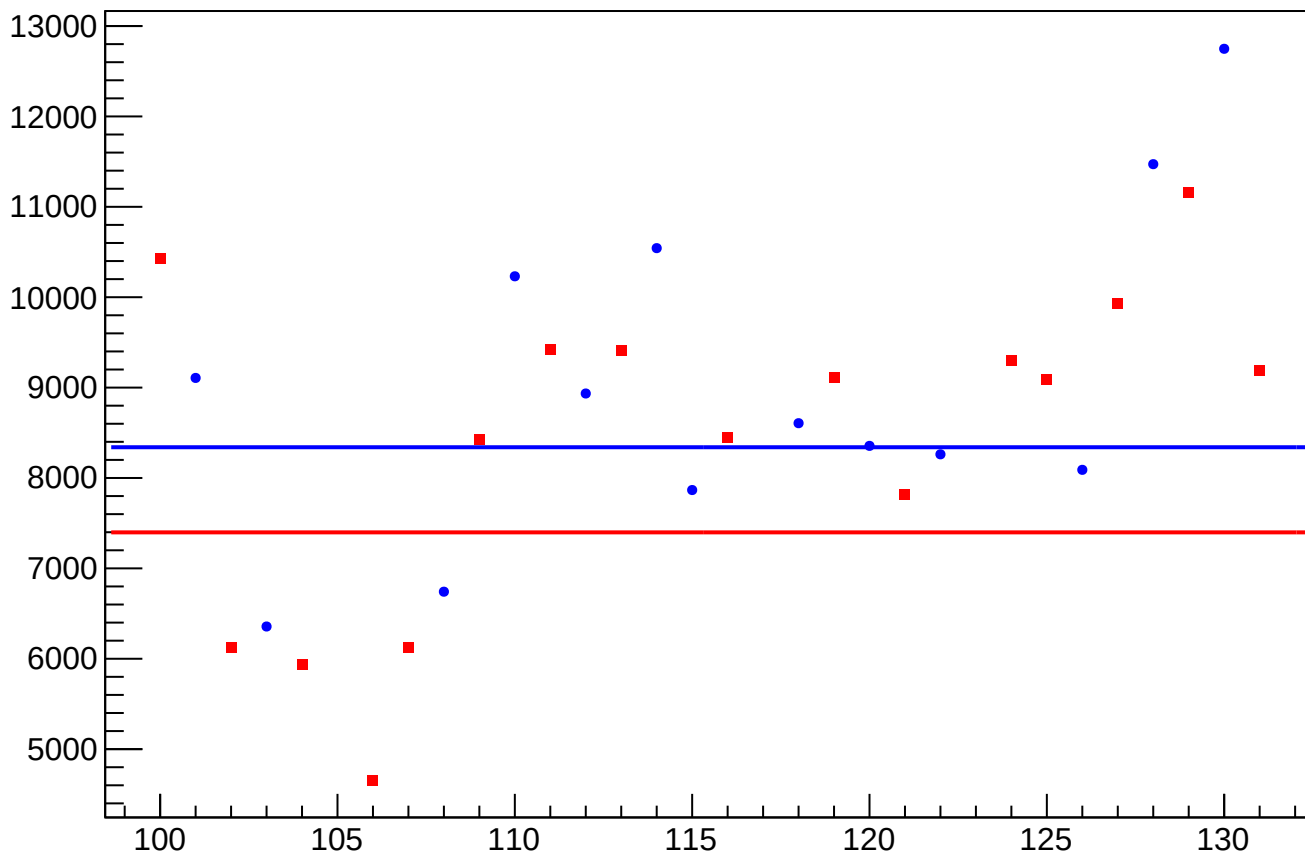
Right: -1526.883+/-2332.416 χ^2 /NDF: 25.5/28

In: -1836.450+/-3631.025 χ^2 /NDF:12.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1526.883+/-2332.416 χ^2 /NDF: 25.5/28

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8340.180+/-2.568 χ^2/NDF : 412174.2/12

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

Right Out: 7398.300+/-2.152 χ^2/NDF : 748696.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

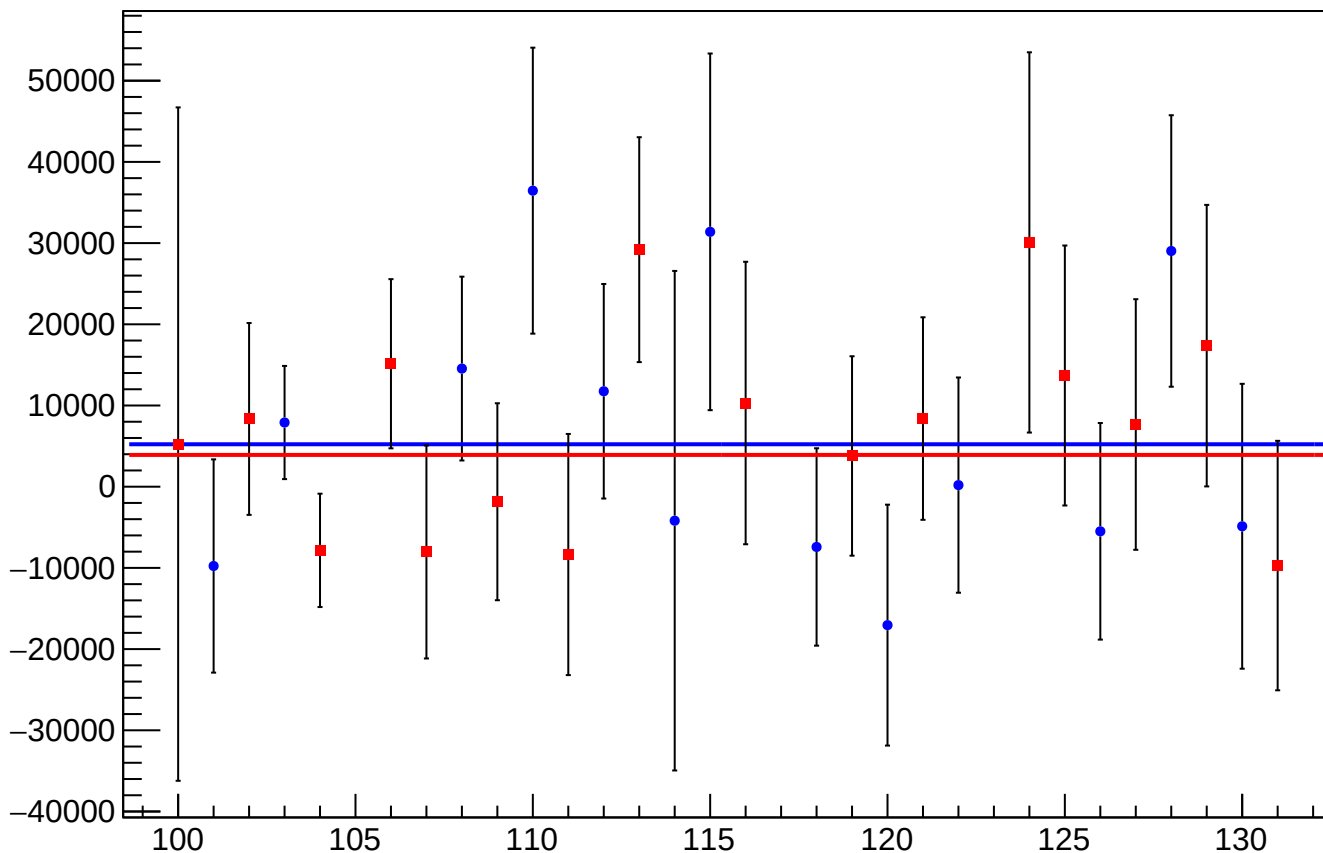
Right: 7786.942+/-1.649 χ^2/NDF : 1239916.5/28

In: 8340.180+/-2.568 χ^2/NDF : 412174.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7786.942+/-1.649 χ^2/NDF : 1239916.5/28

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5226.010+/-3633.801 χ^2/NDF : 13.5/12

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

Right Out: 3913.318+/-3266.806 χ^2/NDF : 12.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

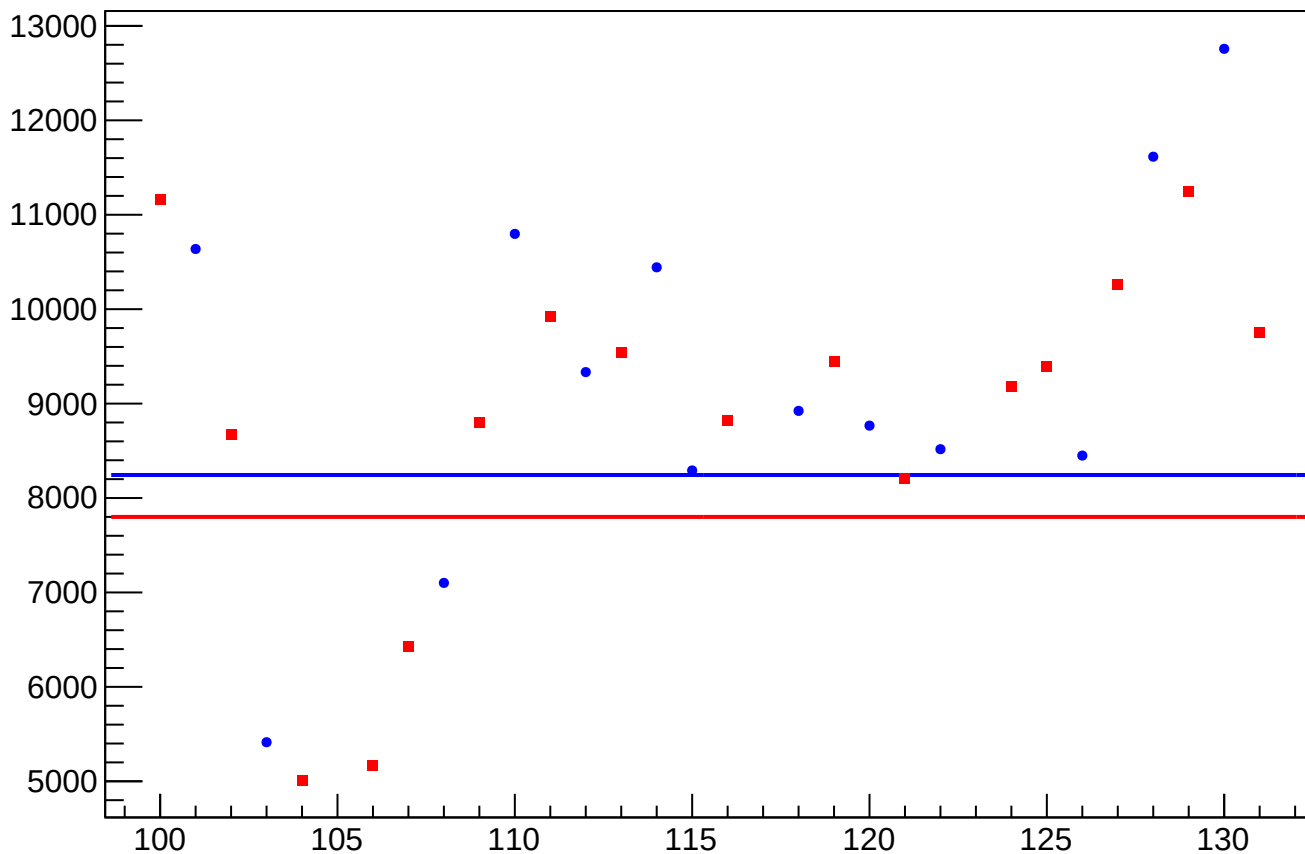
Right: 4500.048+/-2429.399 χ^2/NDF : 26.1/28

In: 5226.010+/-3633.801 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4500.048+/-2429.399 χ^2/NDF : 26.1/28

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8243.916+/-2.569 χ^2/NDF : 706311.2/12

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

Right Out: 7799.812+/-2.310 χ^2/NDF : 813167.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

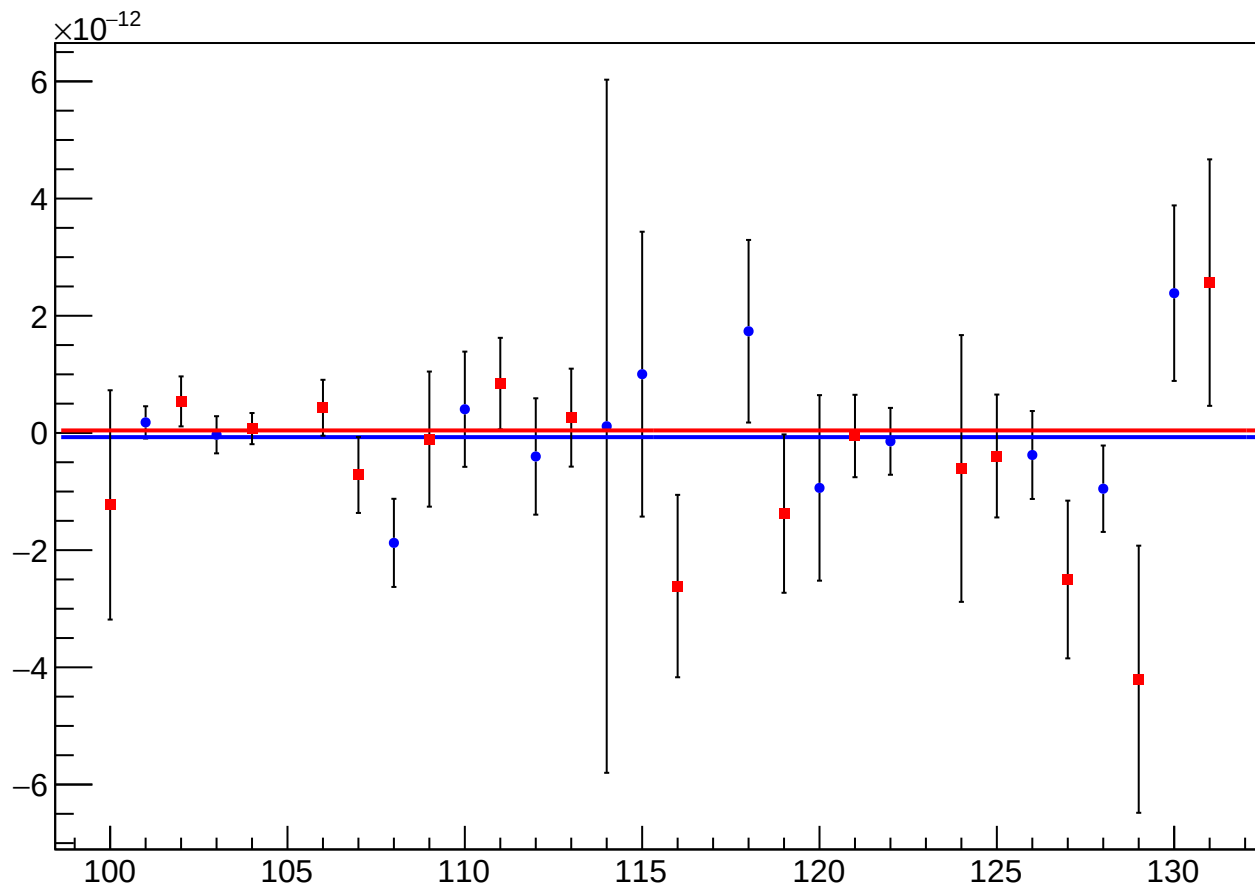
Right: 7998.307+/-1.718 χ^2/NDF : 1535999.3/28

In: 8243.916+/-2.569 χ^2/NDF : 706311.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7998.307+/-1.718 χ^2/NDF : 1535999.3/28

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

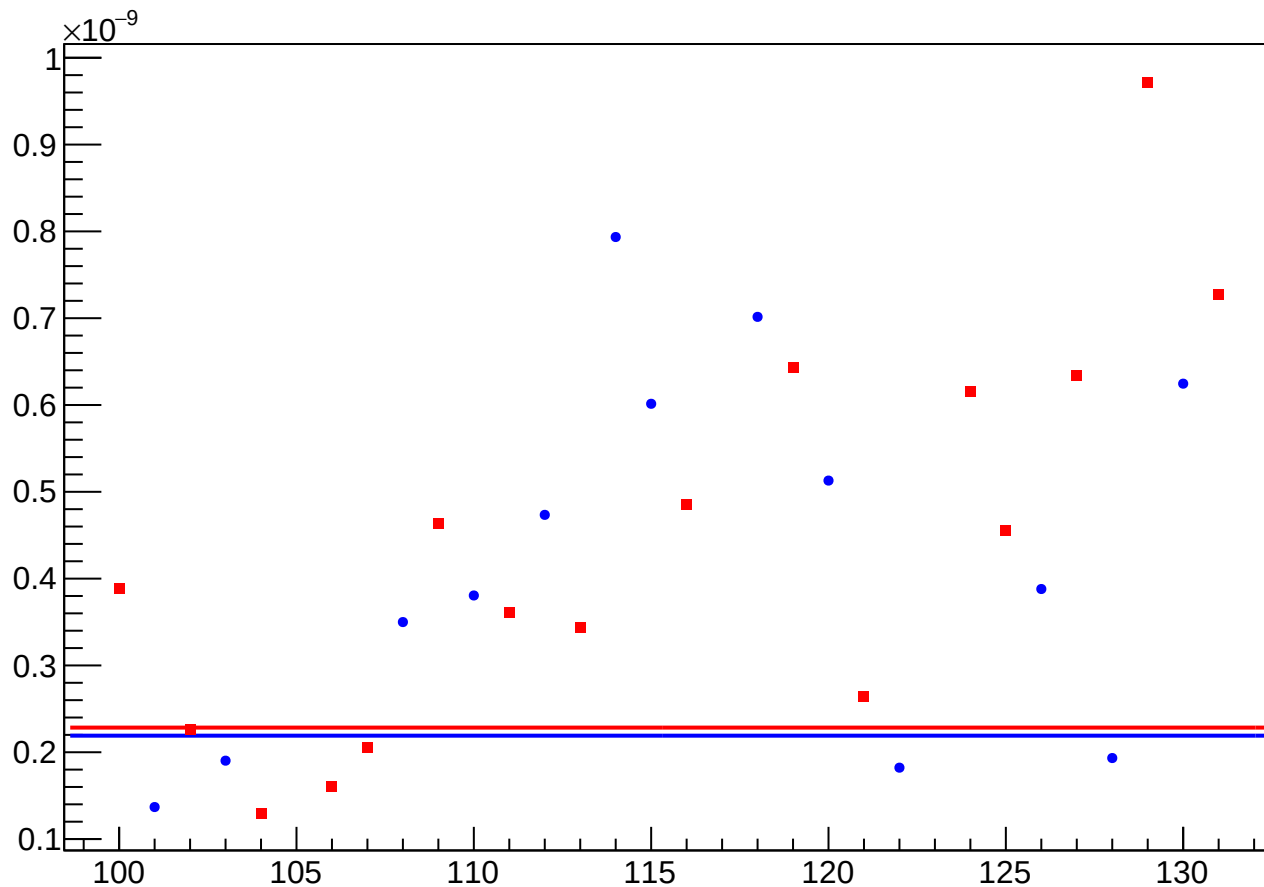
Right: -0.000+/-0.000 χ^2/NDF : 31.0/28

In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.0/28

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1028653.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1418451.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

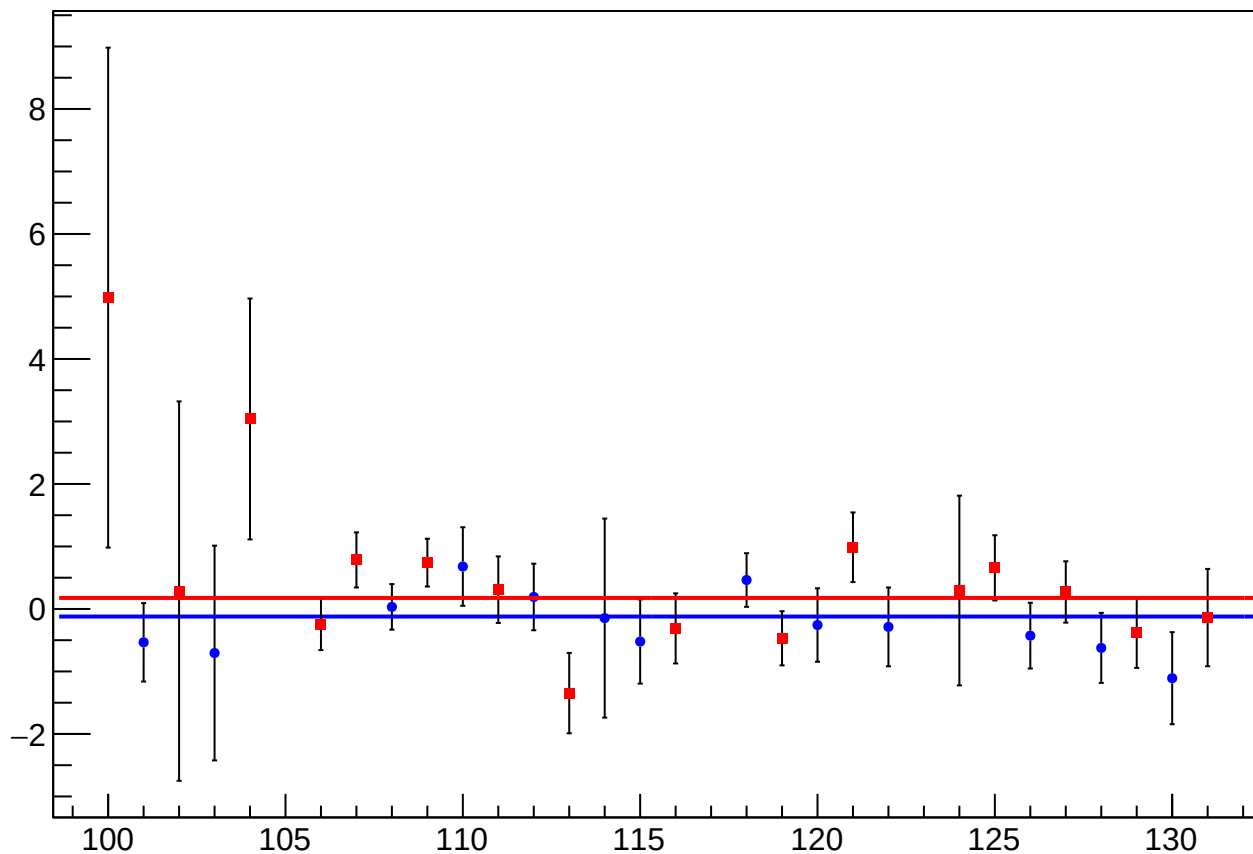
Right: 0.000+/-0.000 χ^2/NDF : 2450158.8/28

In: 0.000+/-0.000 χ^2/NDF : 1028653.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2450158.8/28

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

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

Right Out: 0.176+/-0.143 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

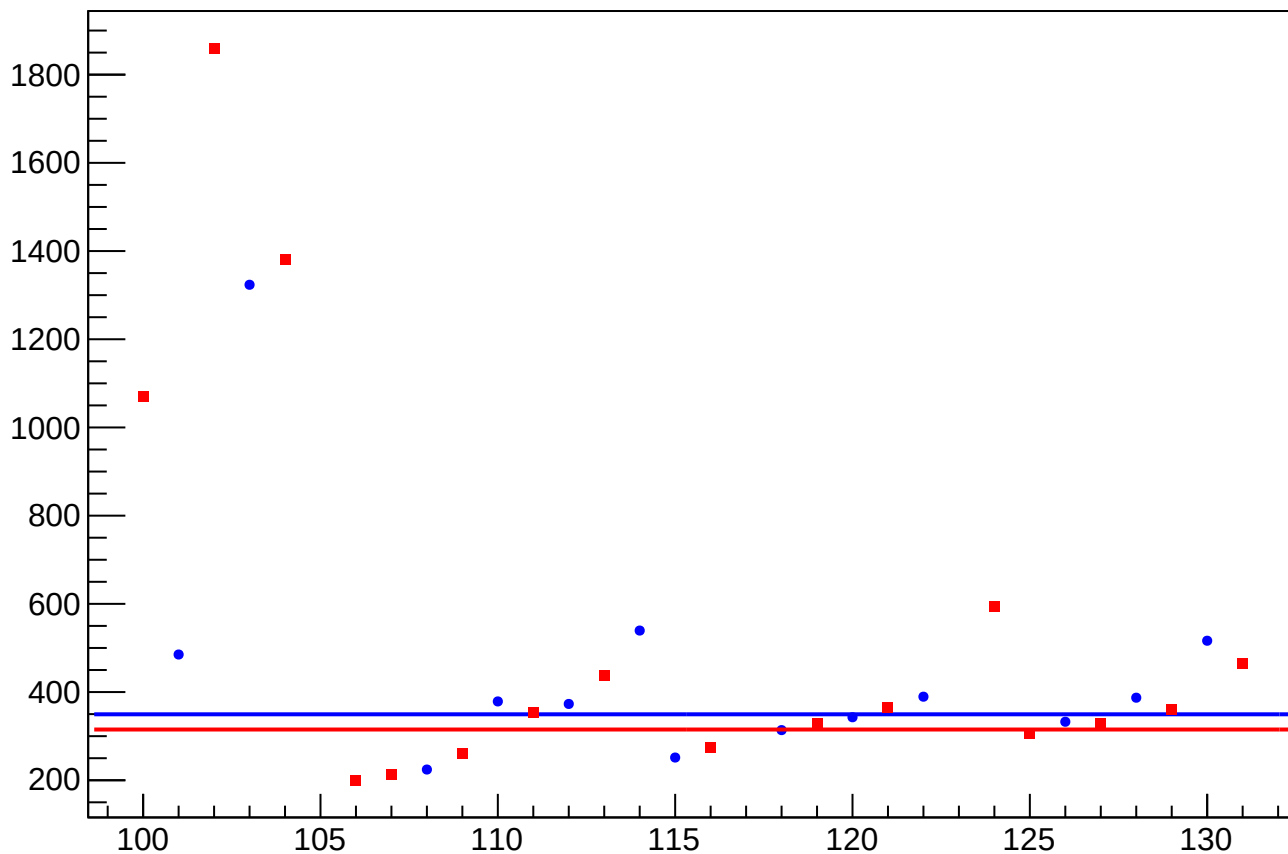
Right: 0.045+/-0.107 χ^2/NDF : 31.4/28

In: -0.121+/-0.161 χ^2/NDF :8.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.045+/-0.107 χ^2/NDF : 31.4/28

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

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

Right Out: 315.063+/-0.101 χ^2/NDF : 1770494.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

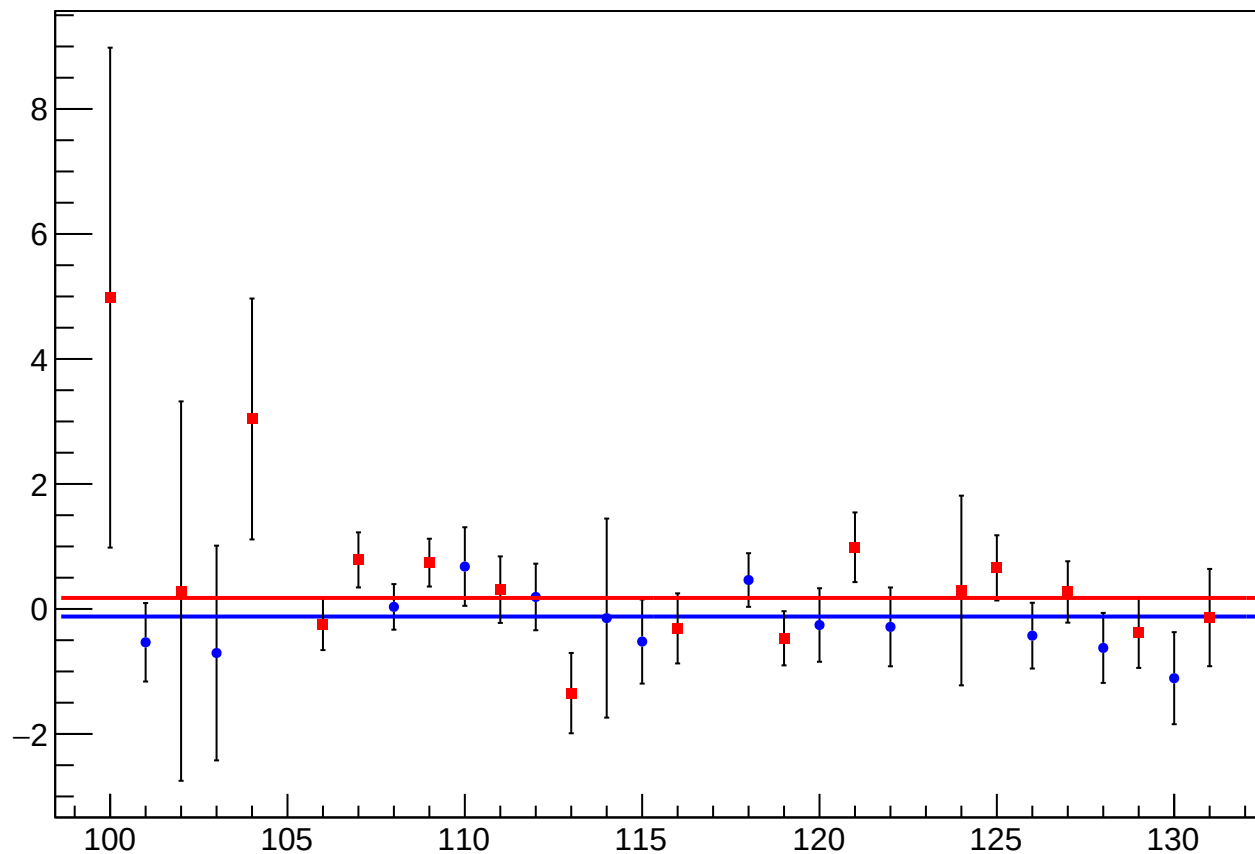
Right: 330.261+/-0.076 χ^2/NDF : 3008821.6/28

In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.261+/-0.076 χ^2/NDF : 3008821.6/28

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121 ± 0.161 χ^2/NDF : 8.0/12

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

Right Out: 0.176 ± 0.143 χ^2/NDF : 21.6/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

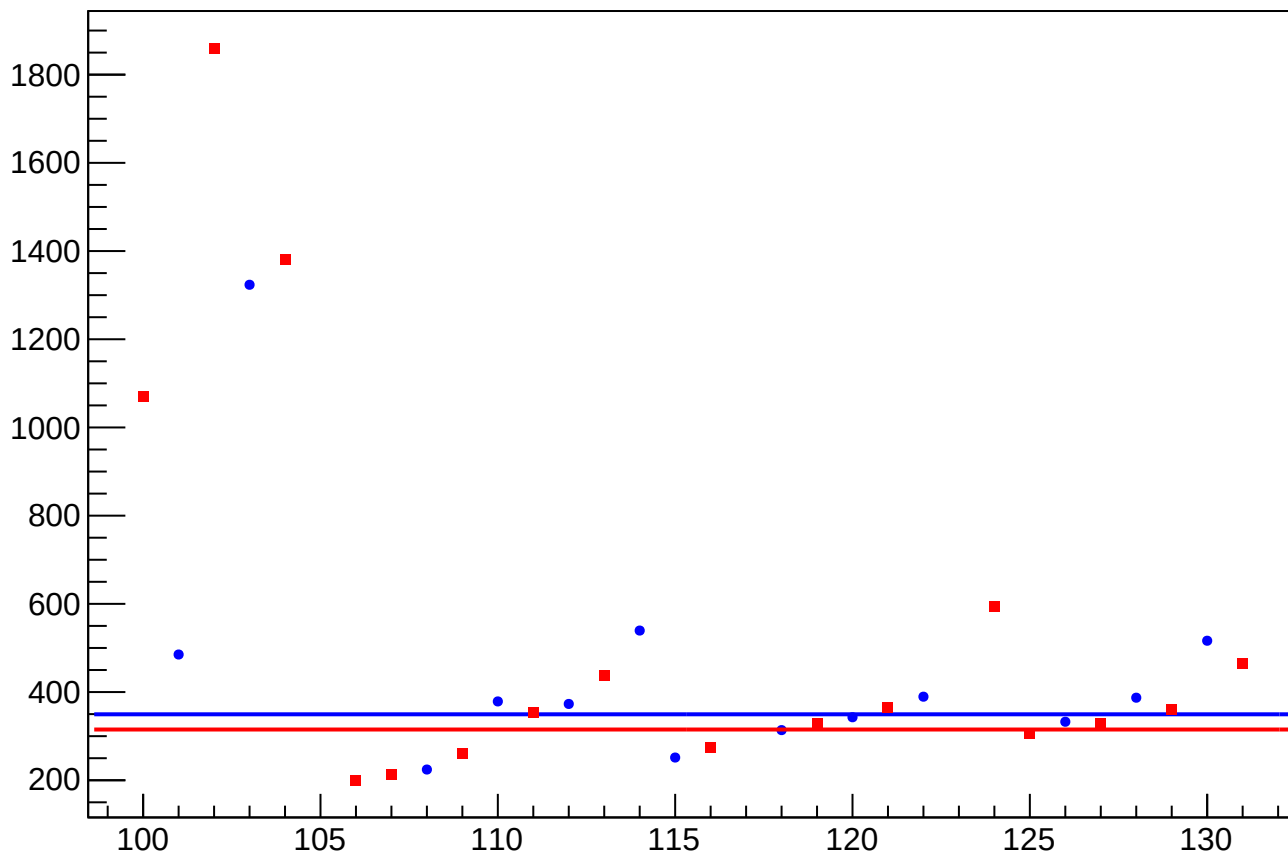
Right: 0.045 ± 0.107 χ^2/NDF : 31.4/28

In: -0.121 ± 0.161 χ^2/NDF : 8.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.045 ± 0.107 χ^2/NDF : 31.4/28

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

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

Right Out: 315.063+/-0.101 χ^2/NDF : 1770494.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

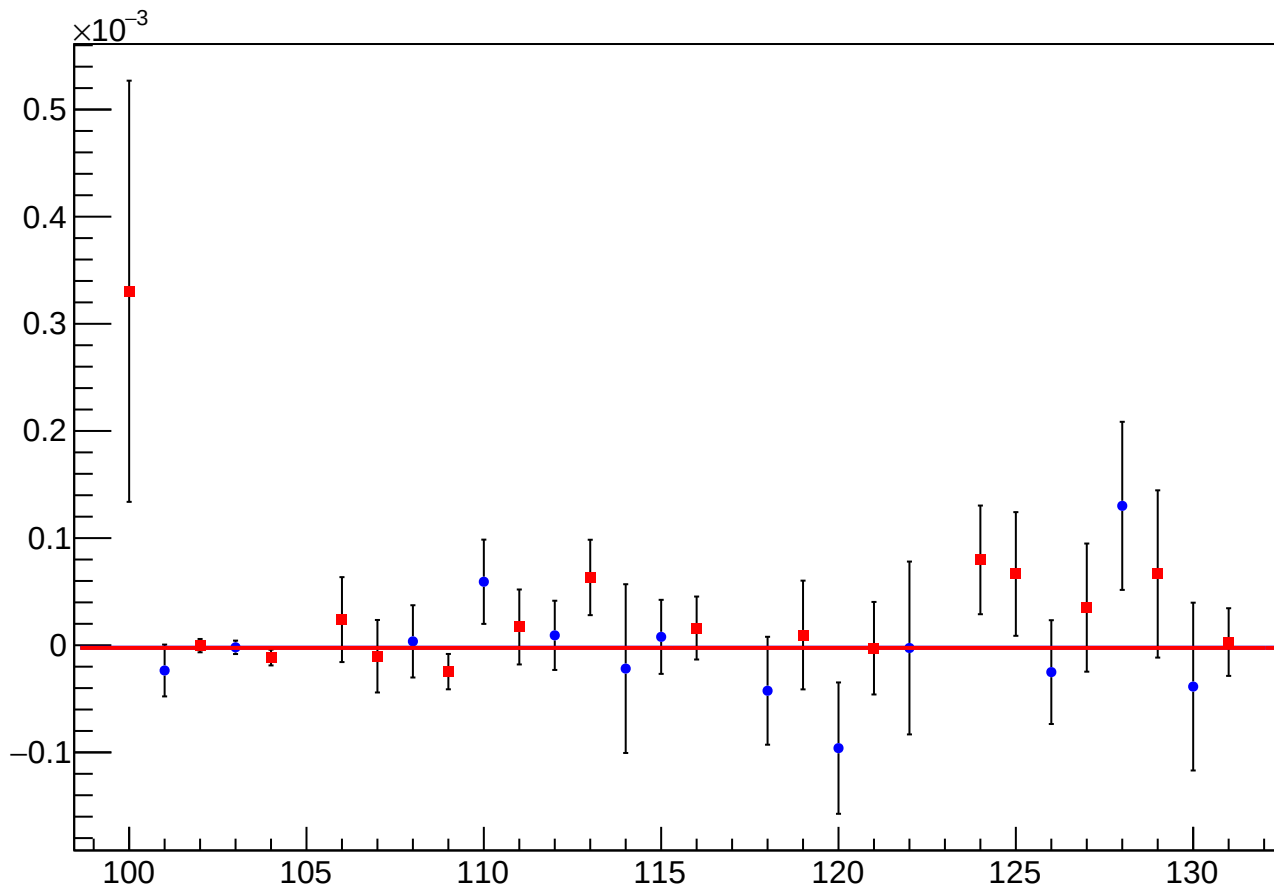
Right: 330.261+/-0.076 χ^2/NDF : 3008821.6/28

In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.261+/-0.076 χ^2/NDF : 3008821.6/28

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

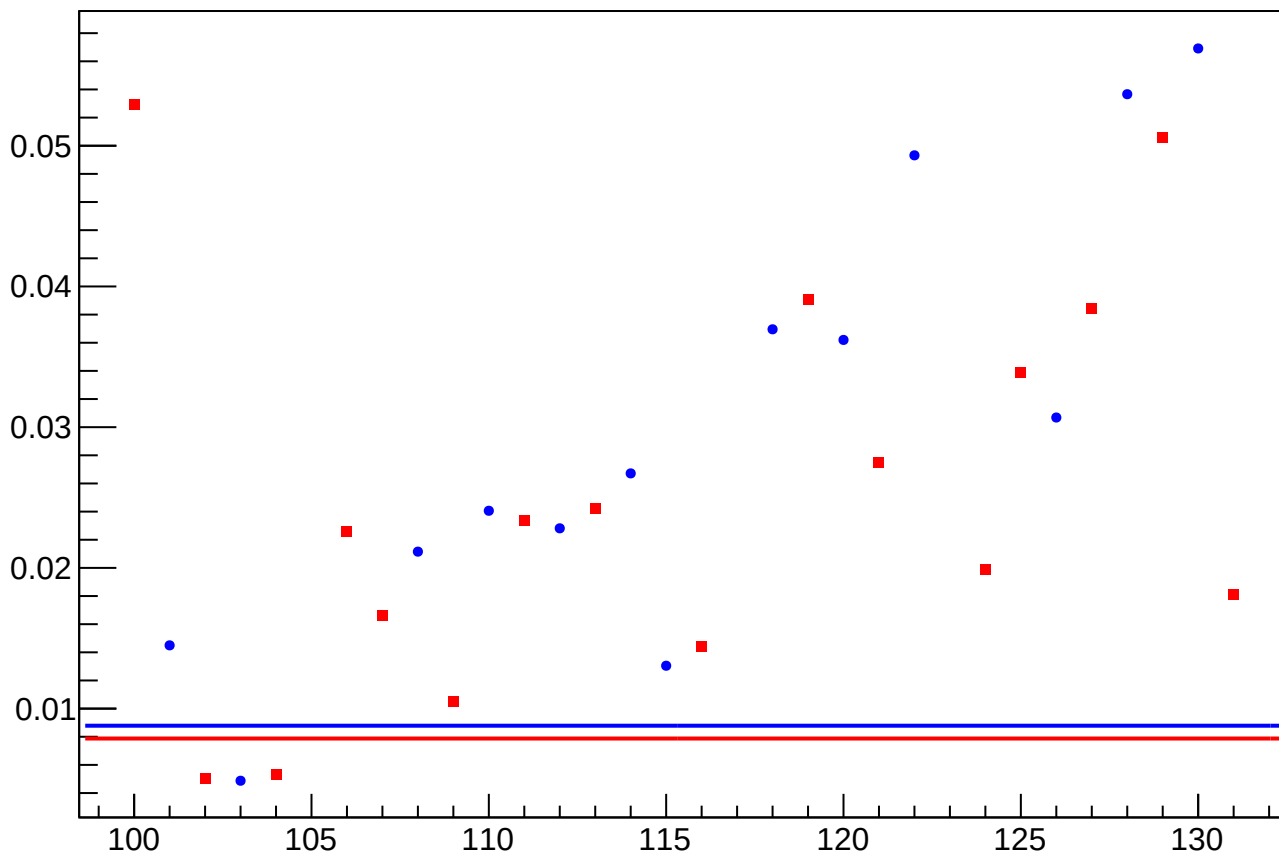
Right: -0.000+/-0.000 χ^2/NDF : 26.1/28

In: -0.000+/-0.000 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/28

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 5322208.8/12

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

Right Out: 0.008+/-0.000 χ^2/NDF : 5176825.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

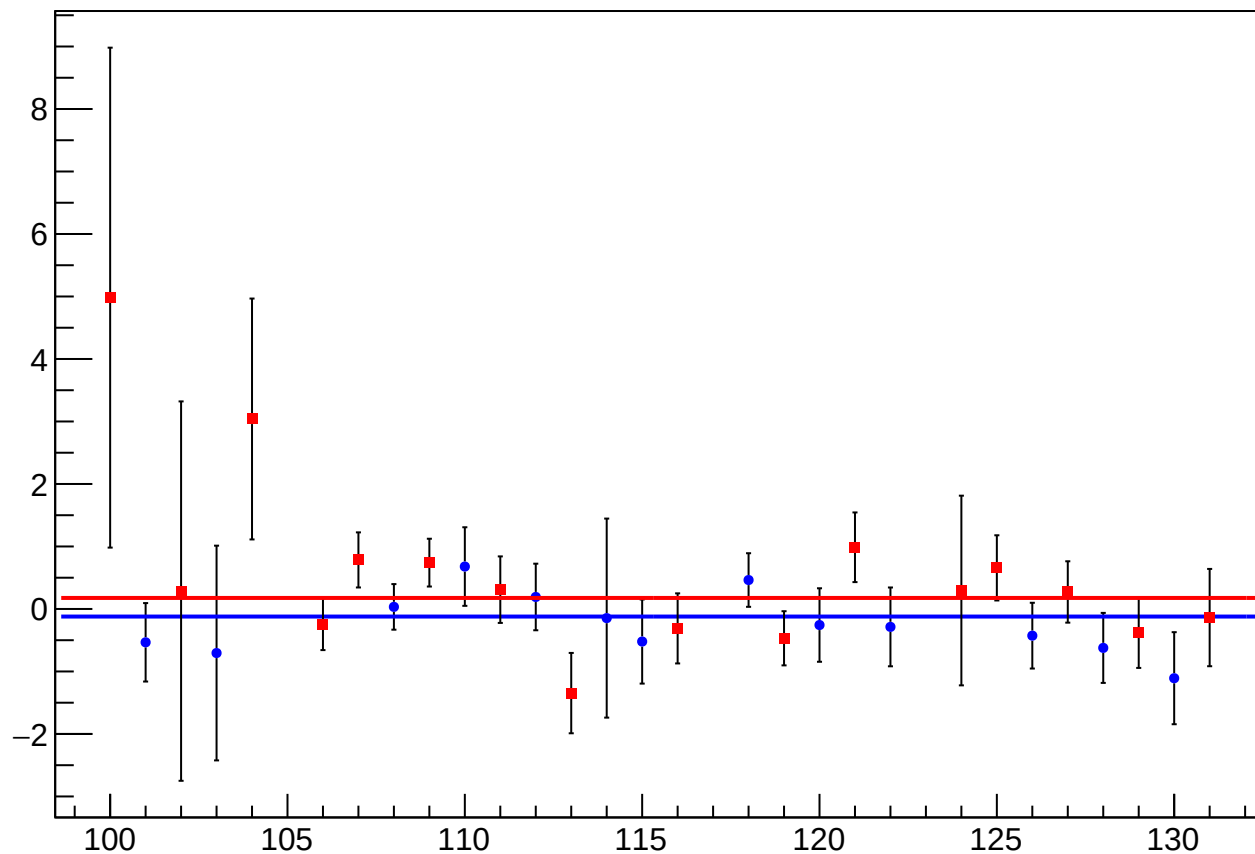
Right: 0.008+/-0.000 χ^2/NDF : 10532839.9/28

In: 0.009+/-0.000 χ^2/NDF : 5322208.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 10532839.9/28

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

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

Right Out: 0.176+/-0.143 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

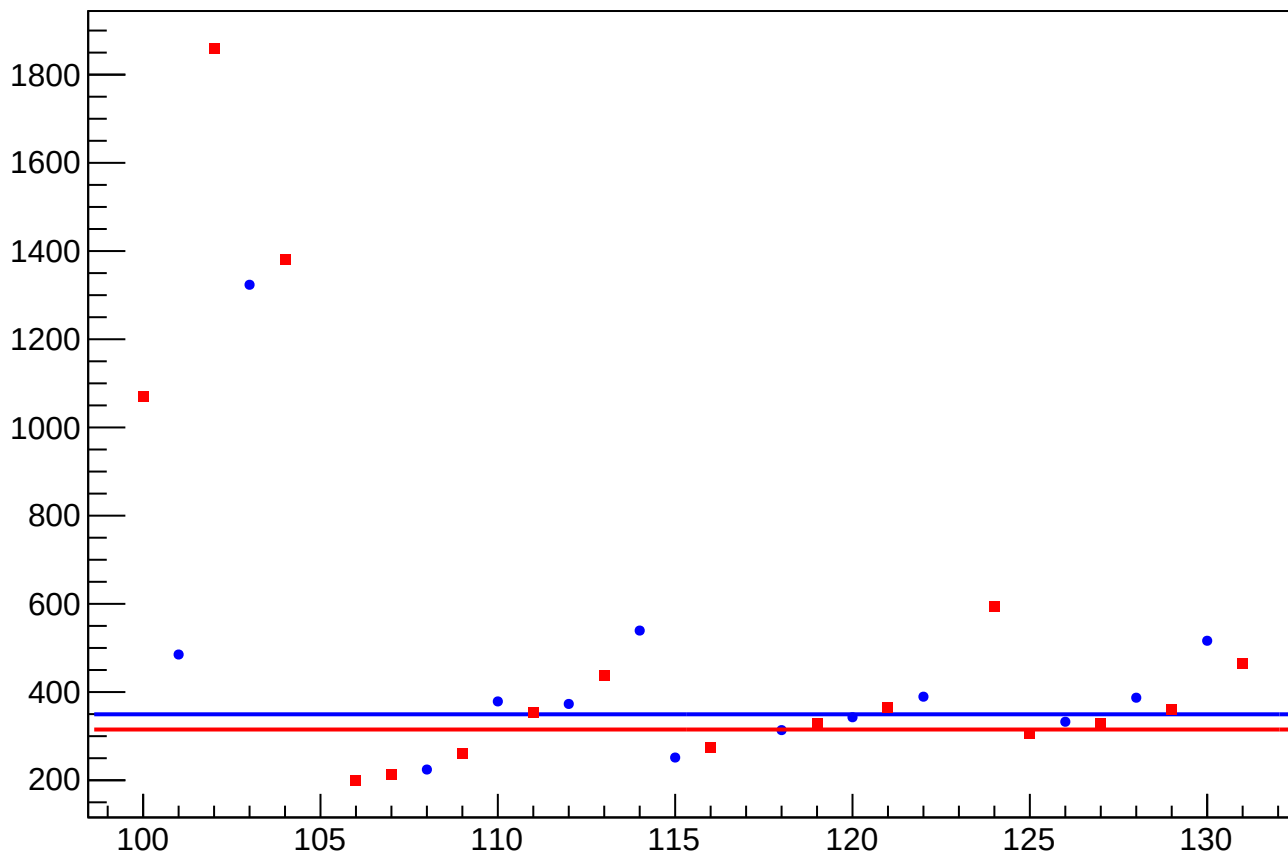
Right: 0.045+/-0.107 χ^2/NDF : 31.4/28

In: -0.121+/-0.161 χ^2/NDF :8.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.045+/-0.107 χ^2/NDF : 31.4/28

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

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

Right Out: 315.061+/-0.101 χ^2/NDF : 1770473.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

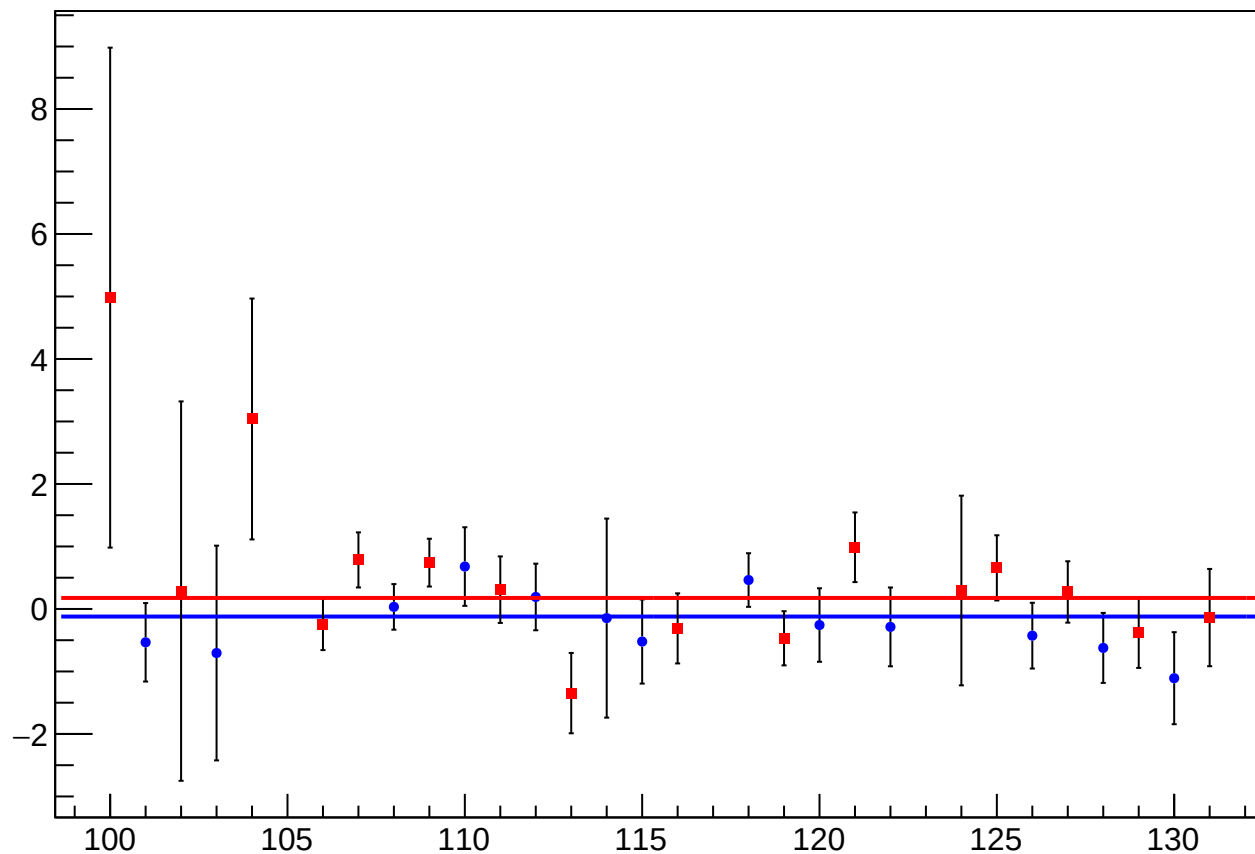
Right: 330.258+/-0.076 χ^2/NDF : 3008779.0/28

In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.258+/-0.076 χ^2/NDF : 3008779.0/28

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

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

Right Out: 0.176+/-0.143 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

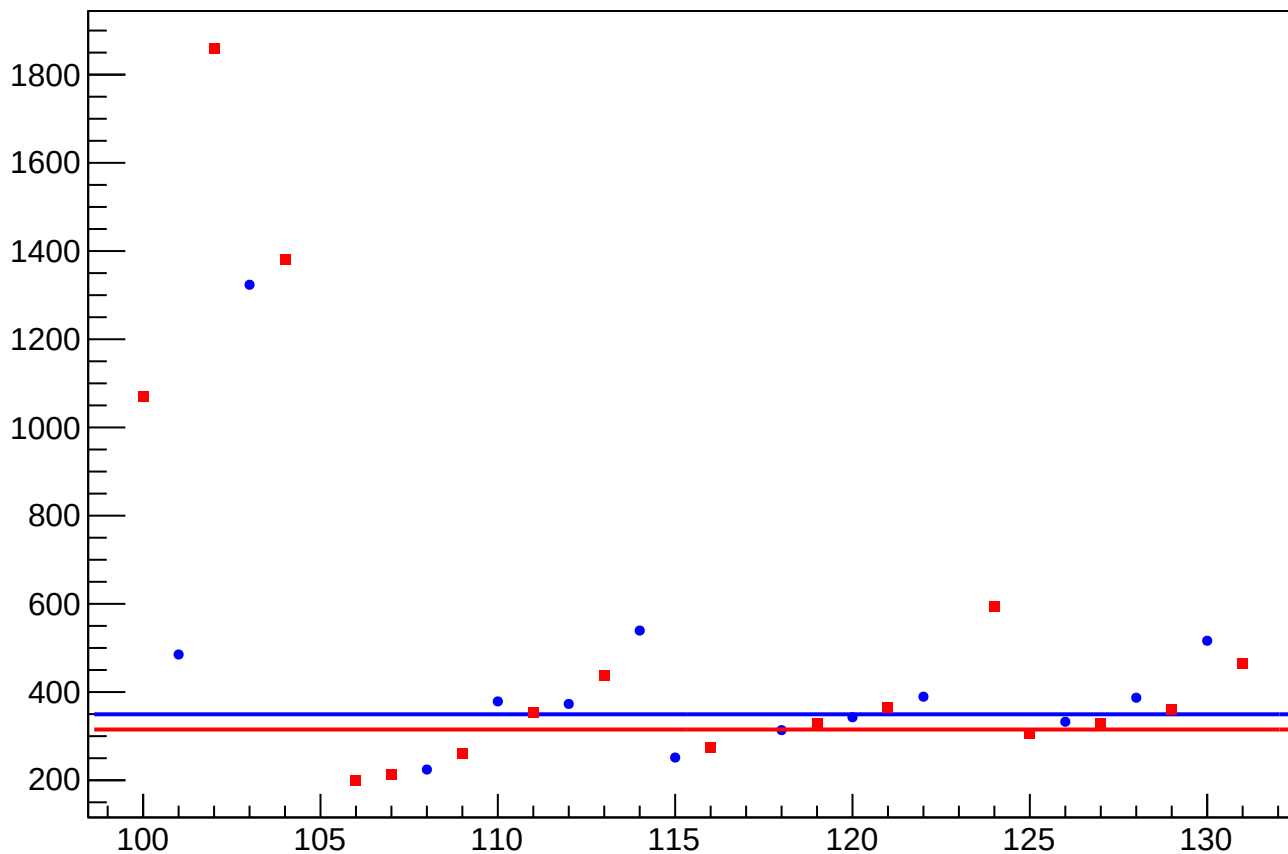
Right: 0.045+/-0.107 χ^2/NDF : 31.4/28

In: -0.121+/-0.161 χ^2/NDF :8.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.045+/-0.107 χ^2/NDF : 31.4/28

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

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

Right Out: 315.061+/-0.101 χ^2/NDF : 1770473.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

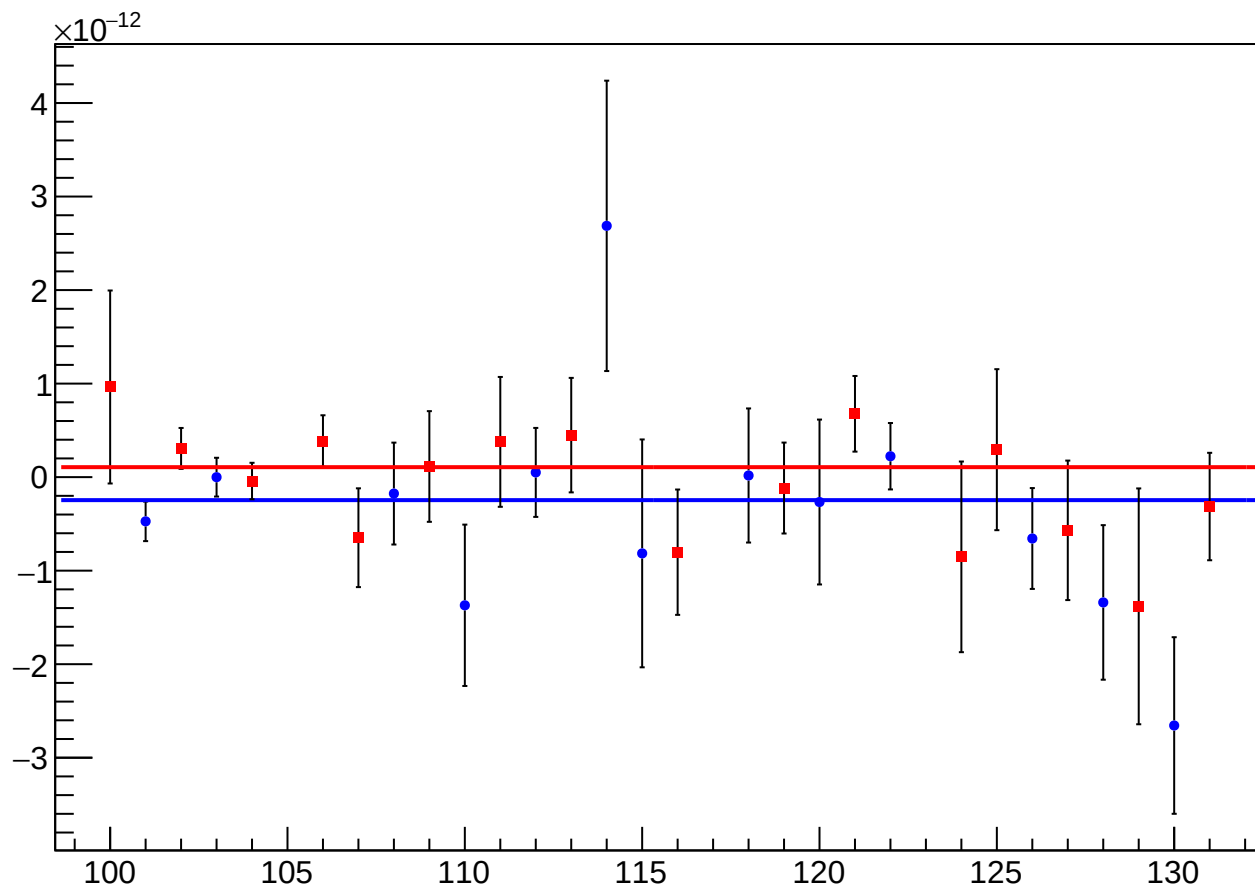
Right: 330.258+/-0.076 χ^2/NDF : 3008779.0/28

In: 349.566+/-0.114 χ^2/NDF :1186956.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 330.258+/-0.076 χ^2/NDF : 3008779.0/28

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

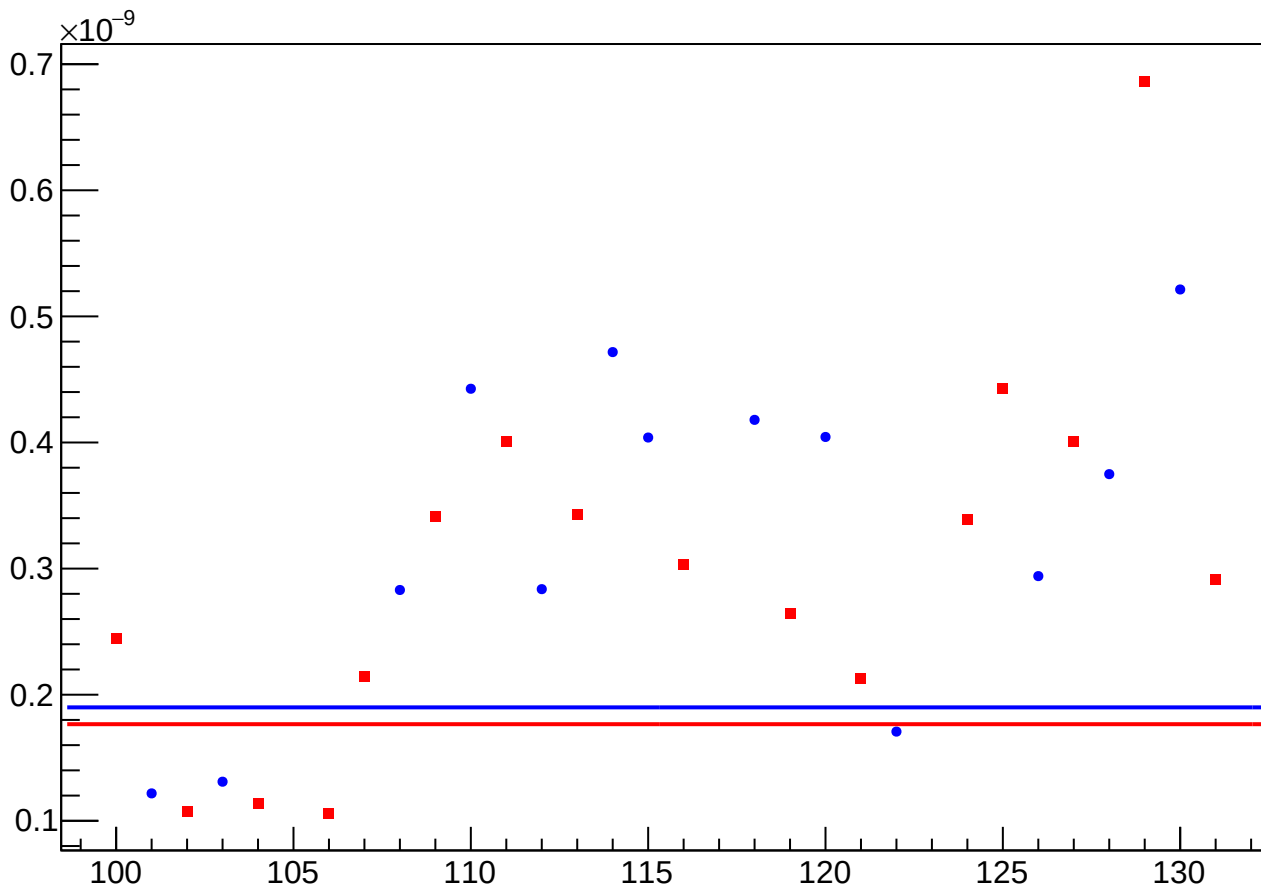
Right: -0.000+/-0.000 χ^2/NDF : 37.6/28

In: -0.000+/-0.000 χ^2/NDF : 19.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.6/28

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1552655.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2051764.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

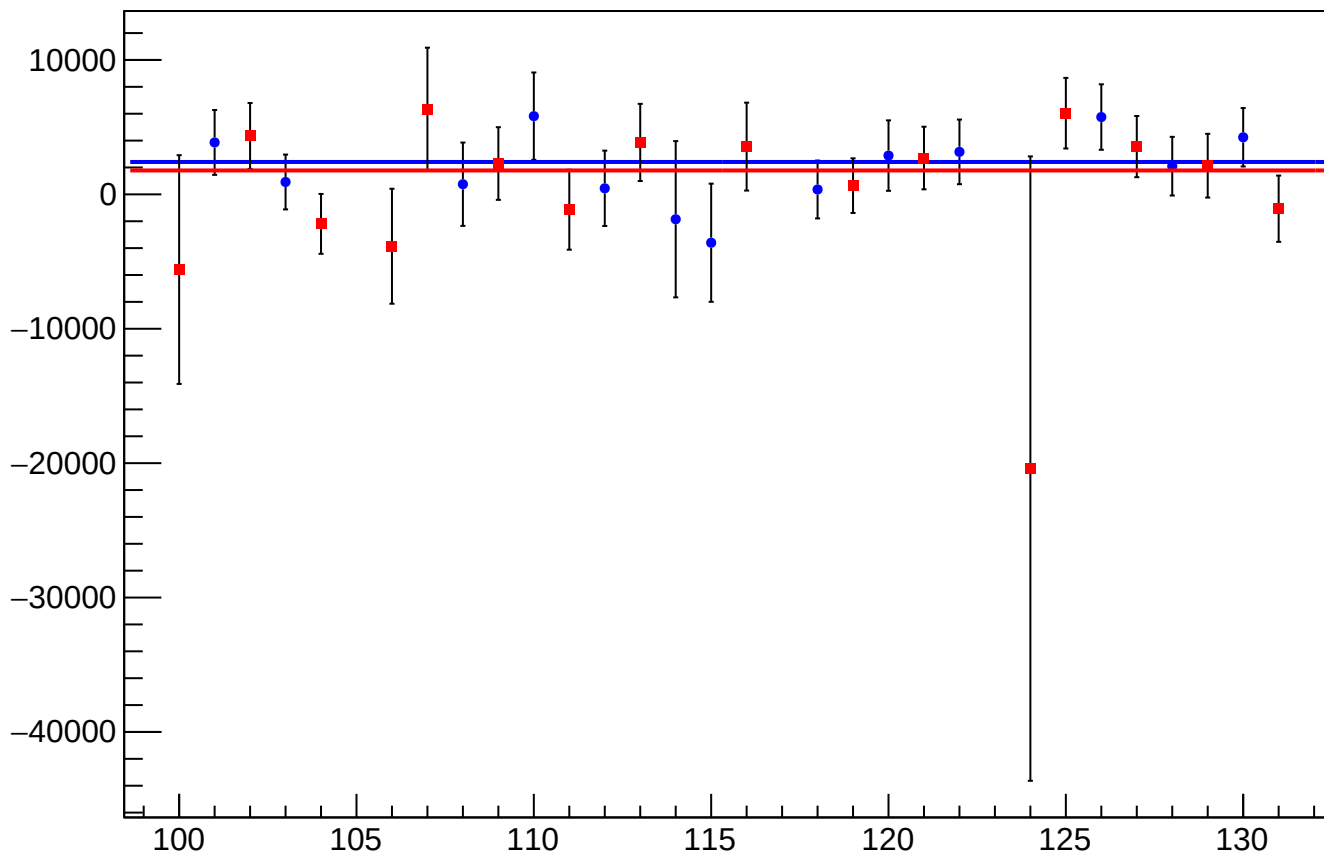
Right: 0.000+/-0.000 χ^2/NDF : 3618969.3/28

In: 0.000+/-0.000 χ^2/NDF : 1552655.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3618969.3/28

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2409.425+/-717.305 χ^2/NDF : 8.8/12

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

Right Out: 1779.579+/-697.178 χ^2/NDF : 15.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

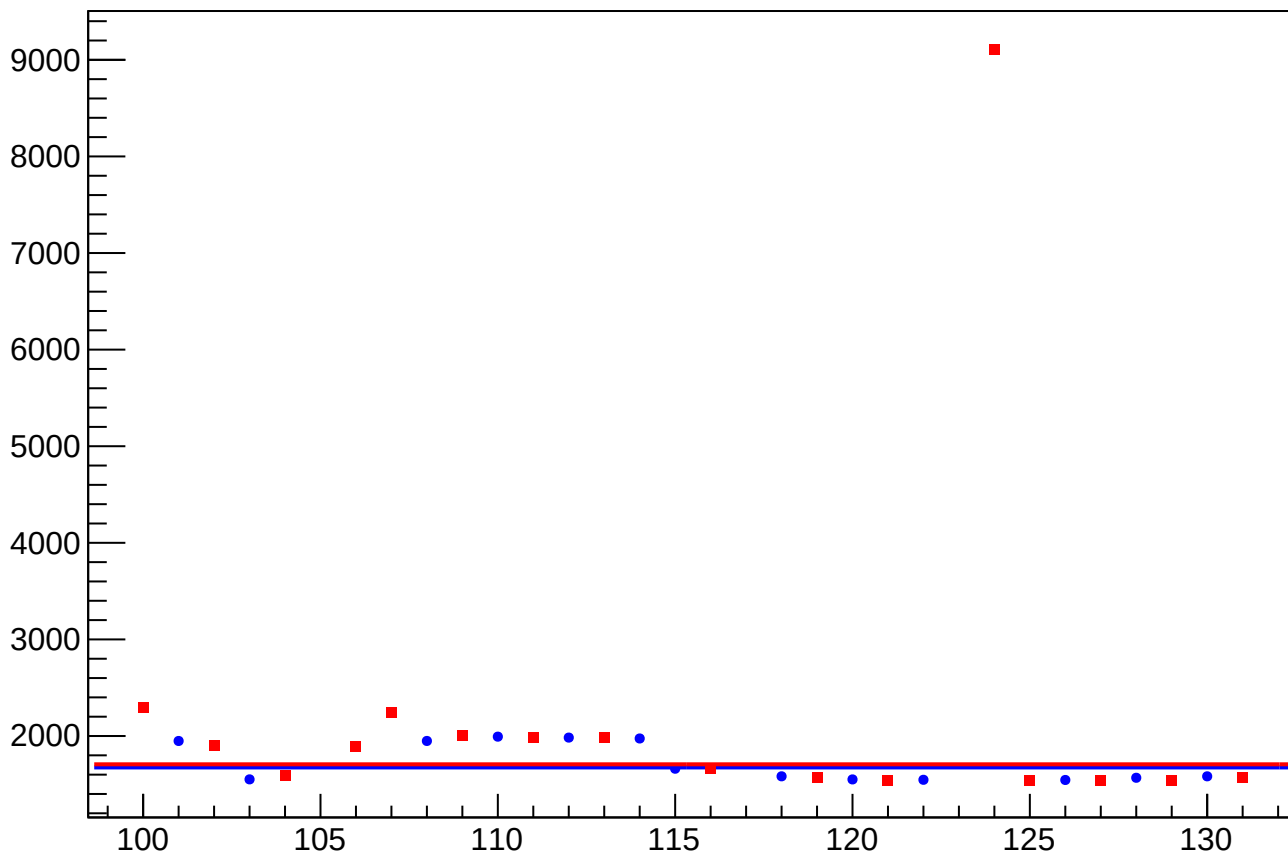
Right: 2085.542+/-499.944 χ^2/NDF : 24.8/28

In: 2409.425+/-717.305 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.542+/-499.944 χ^2/NDF : 24.8/28

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1674.607+/-0.507 χ^2/NDF : 125474.9/12

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

Right Out: 1707.053+/-0.490 χ^2/NDF : 378133.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

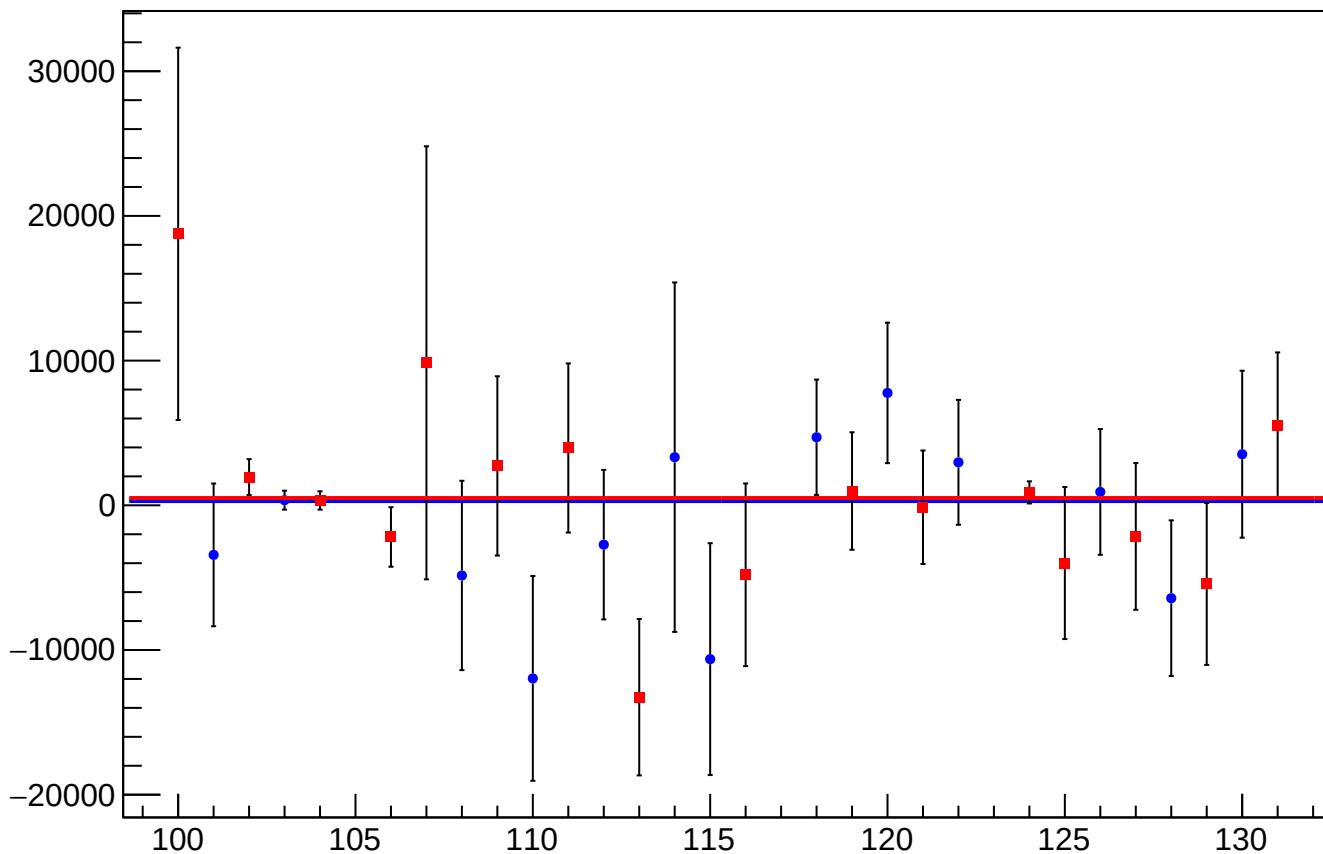
Right: 1691.382+/-0.352 χ^2/NDF : 505724.0/28

In: 1674.607+/-0.507 χ^2/NDF : 125474.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.382+/-0.352 χ^2/NDF : 505724.0/28

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 294.670+/-602.024 χ^2/NDF : 12.3/12

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

Right Out: 502.239+/-426.898 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

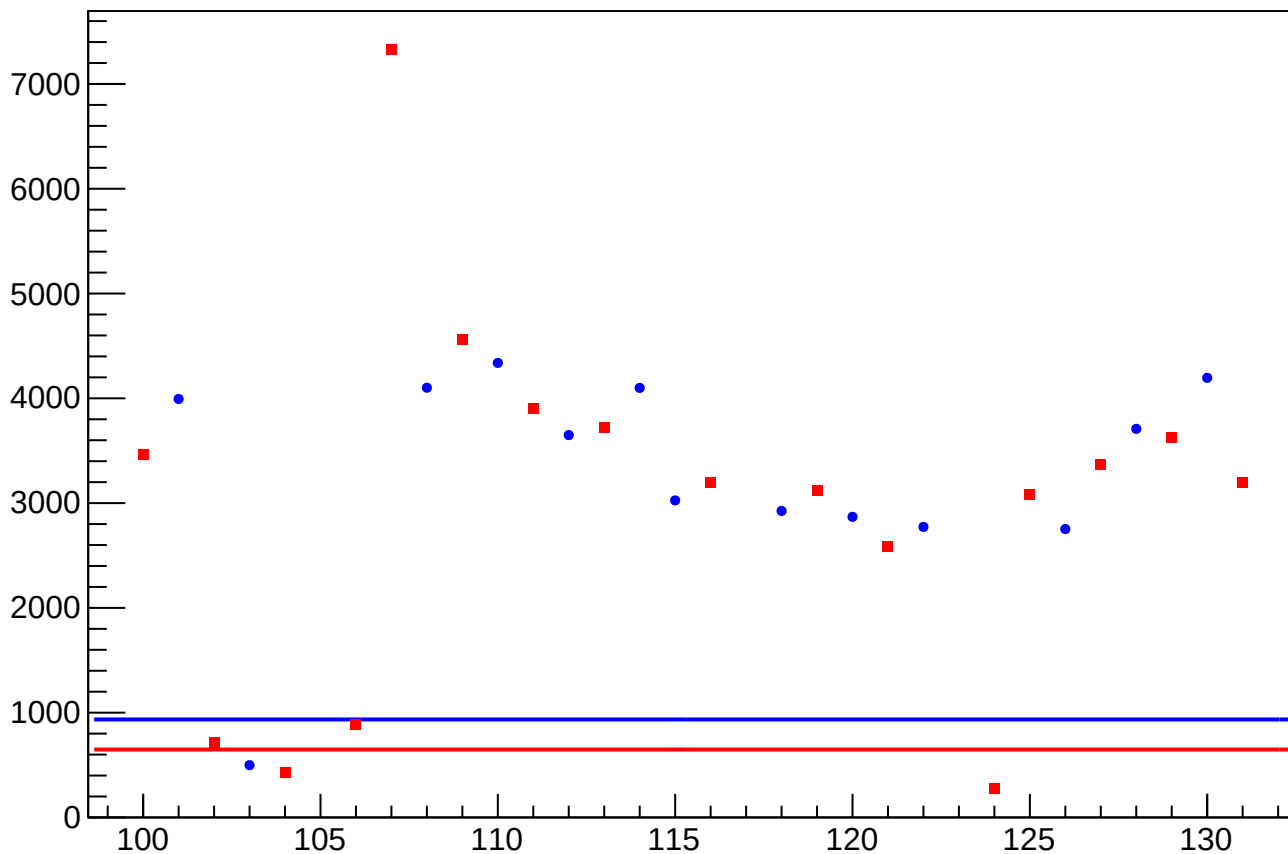
Right: 432.789+/-348.232 χ^2/NDF : 29.1/28

In: 294.670+/-602.024 χ^2/NDF :12.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 432.789+/-348.232 χ^2/NDF : 29.1/28

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 935.095+/-0.426 χ^2/NDF : 6114799.7/12

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

Right Out: 648.265+/-0.302 χ^2/NDF : 6936518.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

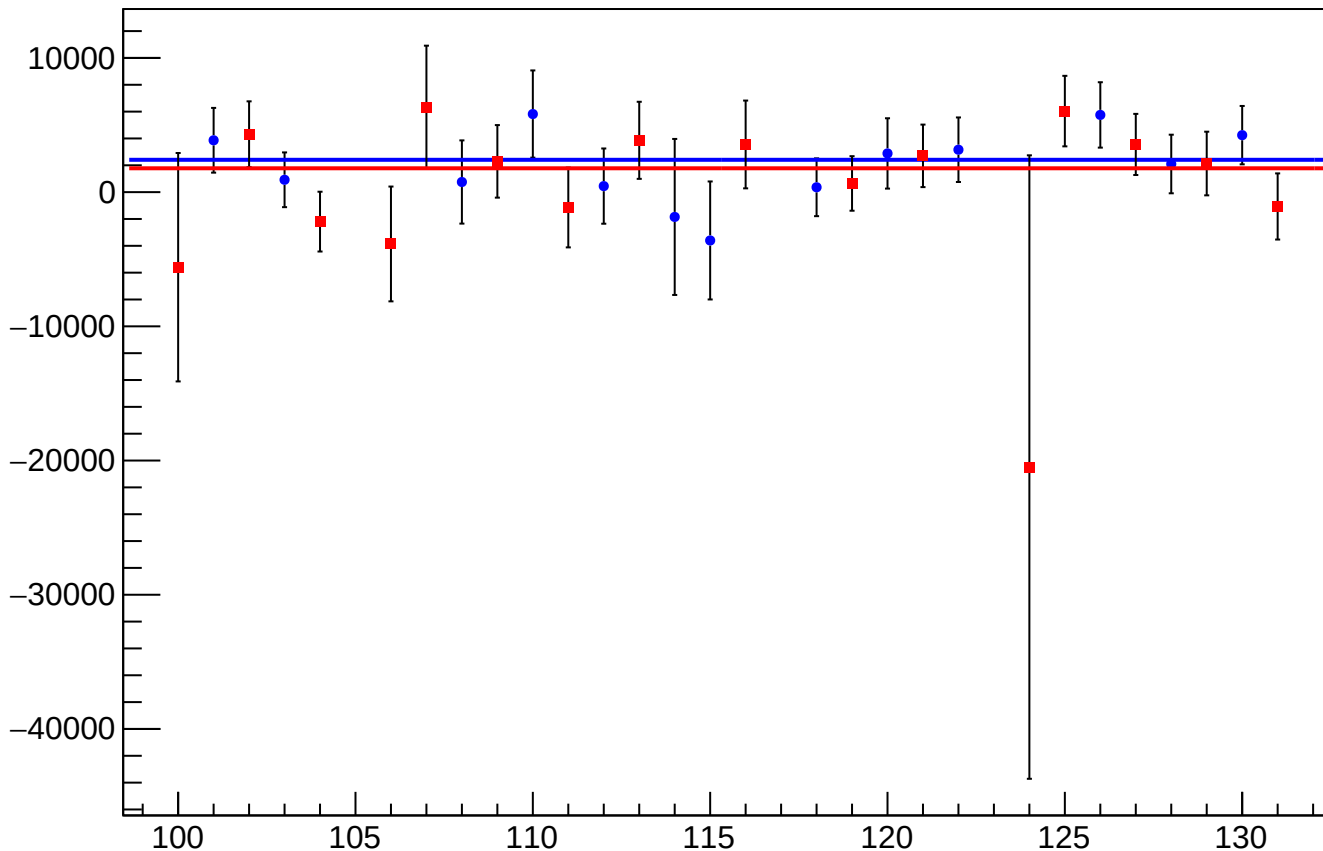
Right: 744.235+/-0.246 χ^2/NDF : 13353412.4/28

In: 935.095+/-0.426 χ^2/NDF :6114799.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 744.235+/-0.246 χ^2/NDF : 13353412.4/28

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

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

Right Out: 1776.628+/-697.185 χ^2/NDF : 15.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

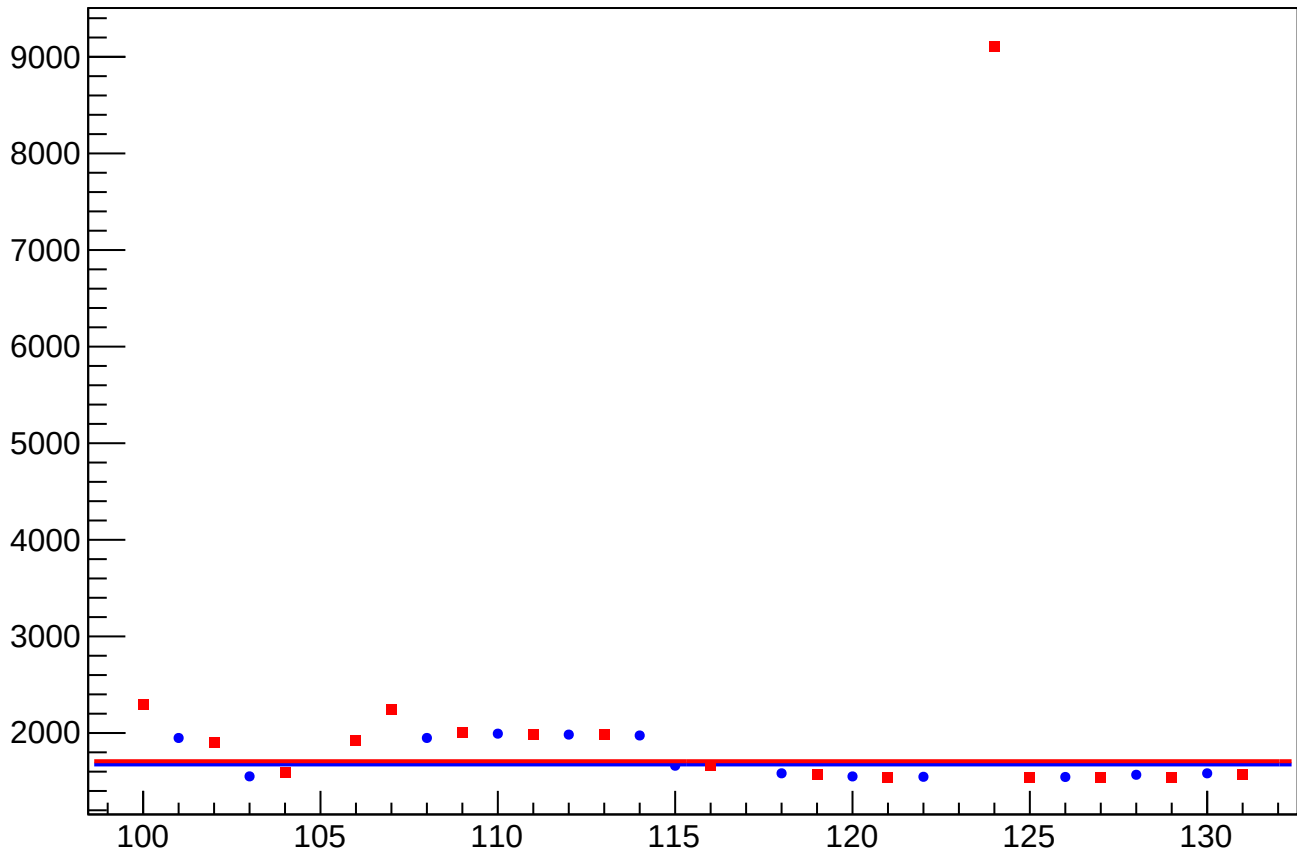
Right: 2084.138+/-499.946 χ^2/NDF : 24.8/28

In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2084.138+/-499.946 χ^2/NDF : 24.8/28

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.021+/-0.491 χ^2/NDF : 379967.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

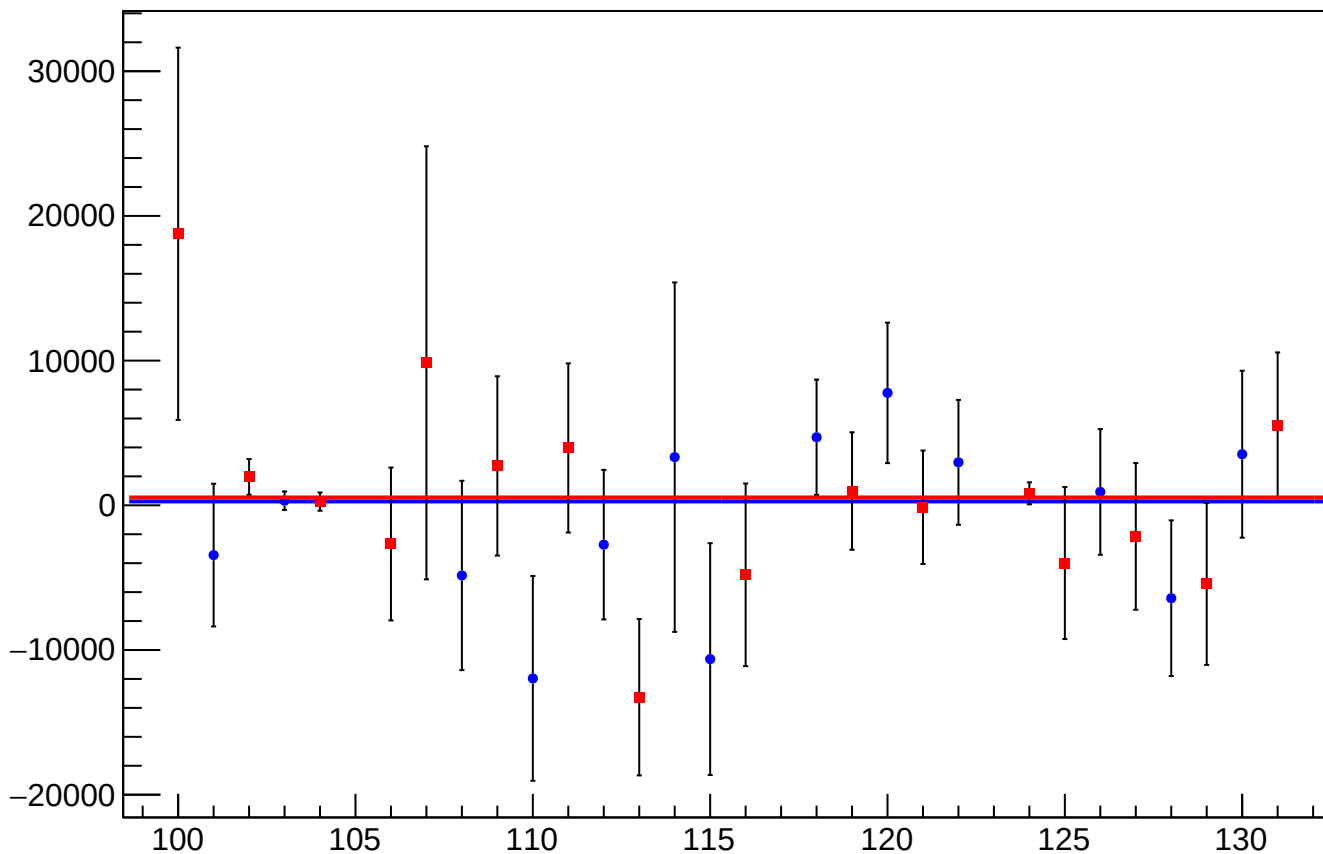
Right: 1691.873+/-0.353 χ^2/NDF : 507684.8/28

In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.873+/-0.353 χ^2/NDF : 507684.8/28

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.493+/-432.825 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

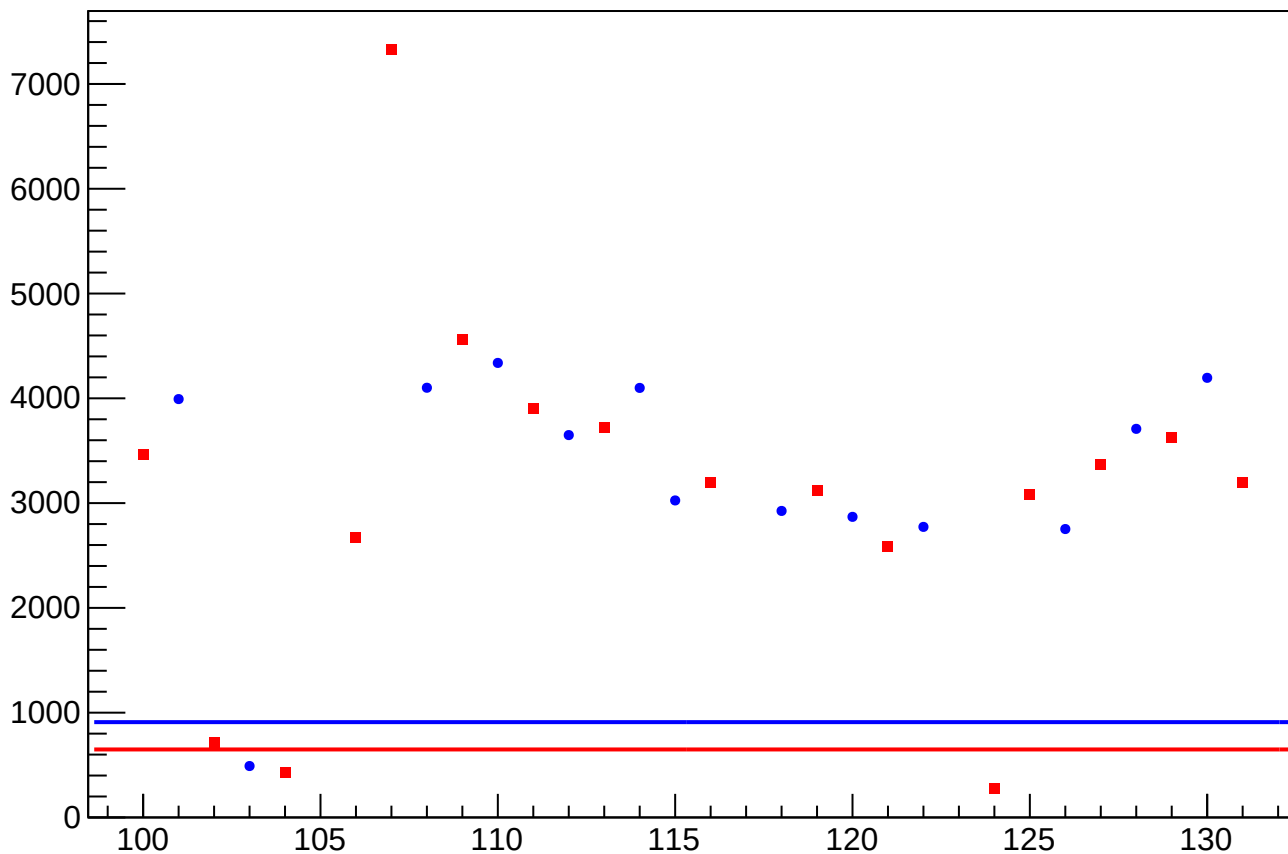
Right: 445.867+/-348.807 χ^2/NDF : 27.8/28

In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.867+/-348.807 χ^2/NDF : 27.8/28

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 909.664+/-0.417 χ^2/NDF : 6192696.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 648.916+/-0.306 χ^2/NDF : 7216380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

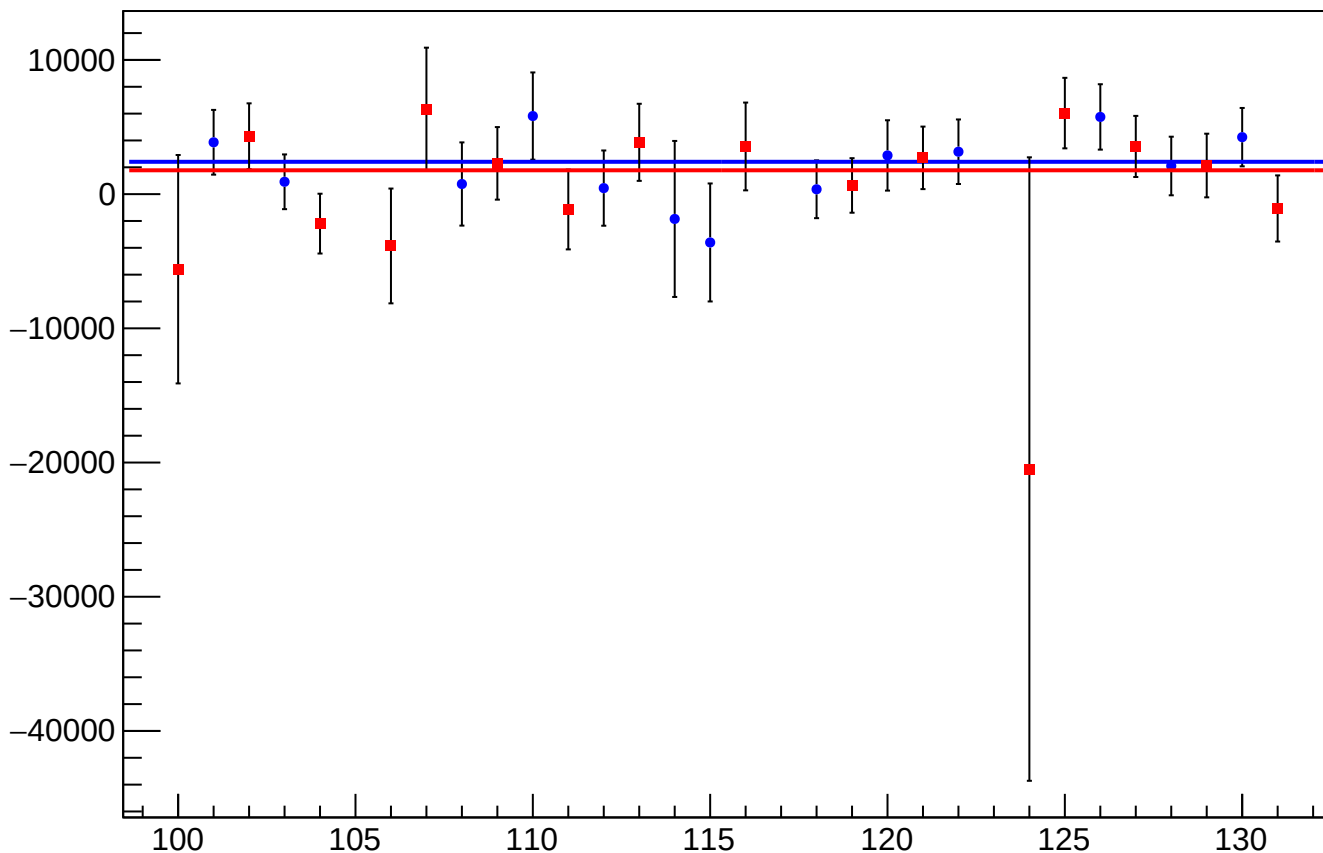
Right: 740.321+/-0.247 χ^2/NDF : 13663523.0/28

In: 909.664+/-0.417 χ^2/NDF : 6192696.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.321+/-0.247 χ^2/NDF : 13663523.0/28

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1776.628+/-697.185 χ^2/NDF : 15.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

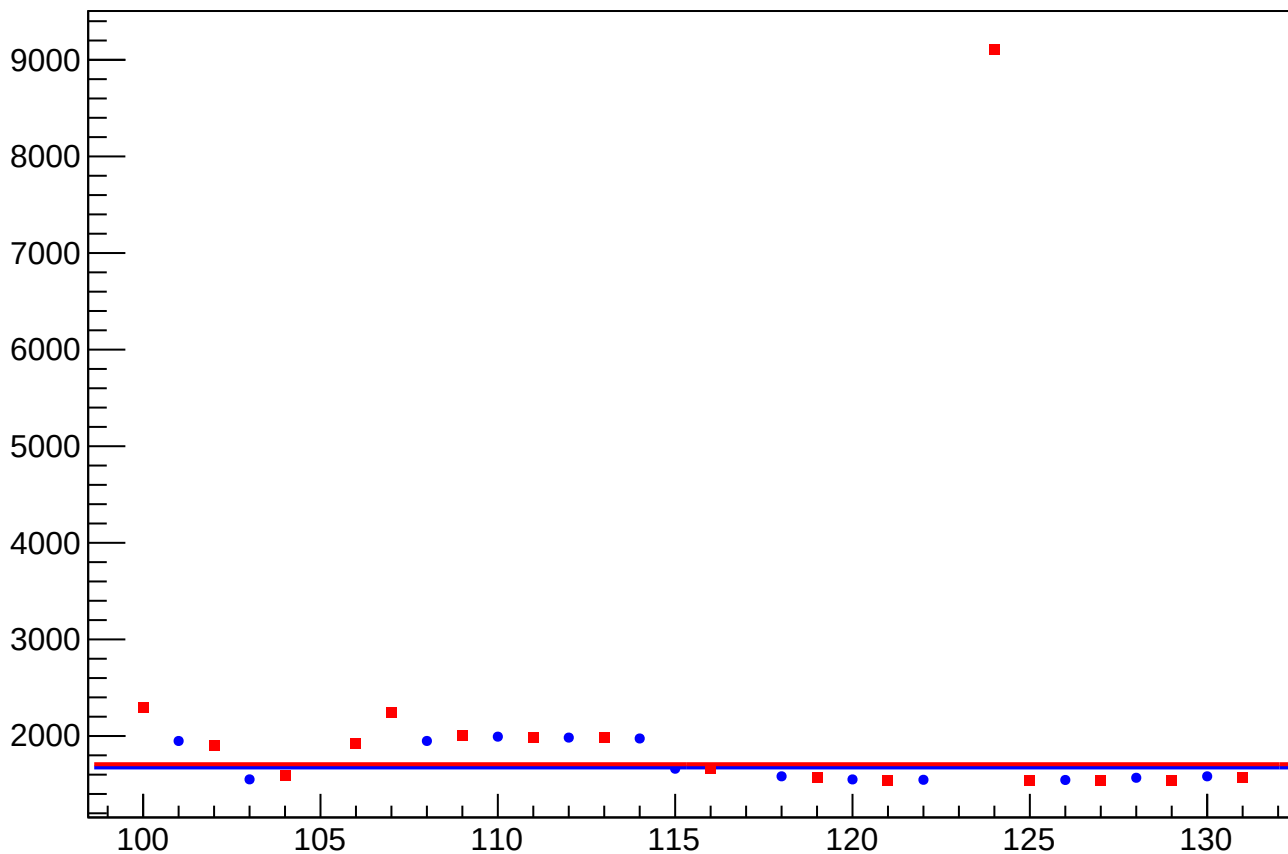
Right: 2084.138+/-499.946 χ^2/NDF : 24.8/28

In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2084.138+/-499.946 χ^2/NDF : 24.8/28

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.021+/-0.491 χ^2/NDF : 379967.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

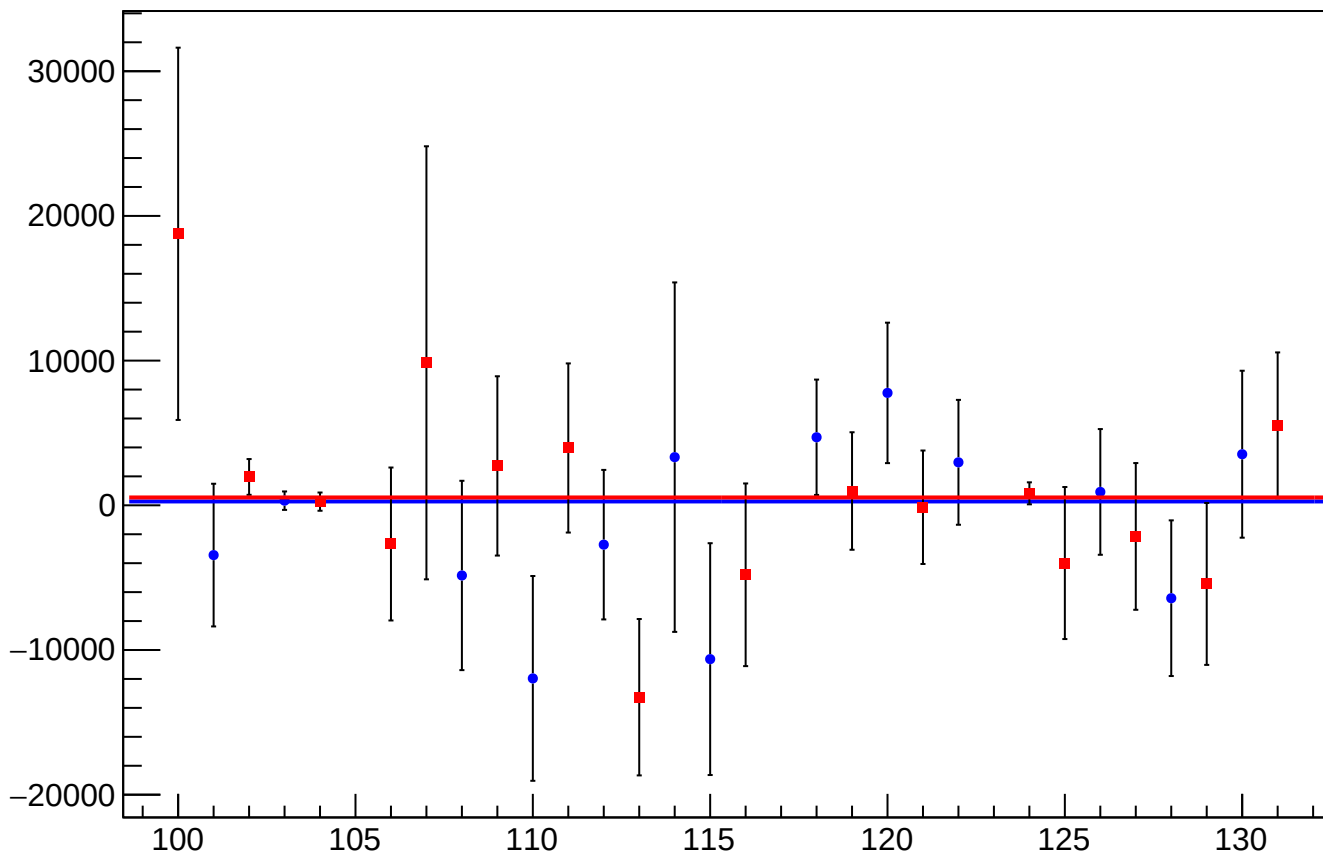
Right: 1691.873+/-0.353 χ^2/NDF : 507684.8/28

In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.873+/-0.353 χ^2/NDF : 507684.8/28

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.493+/-432.825 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

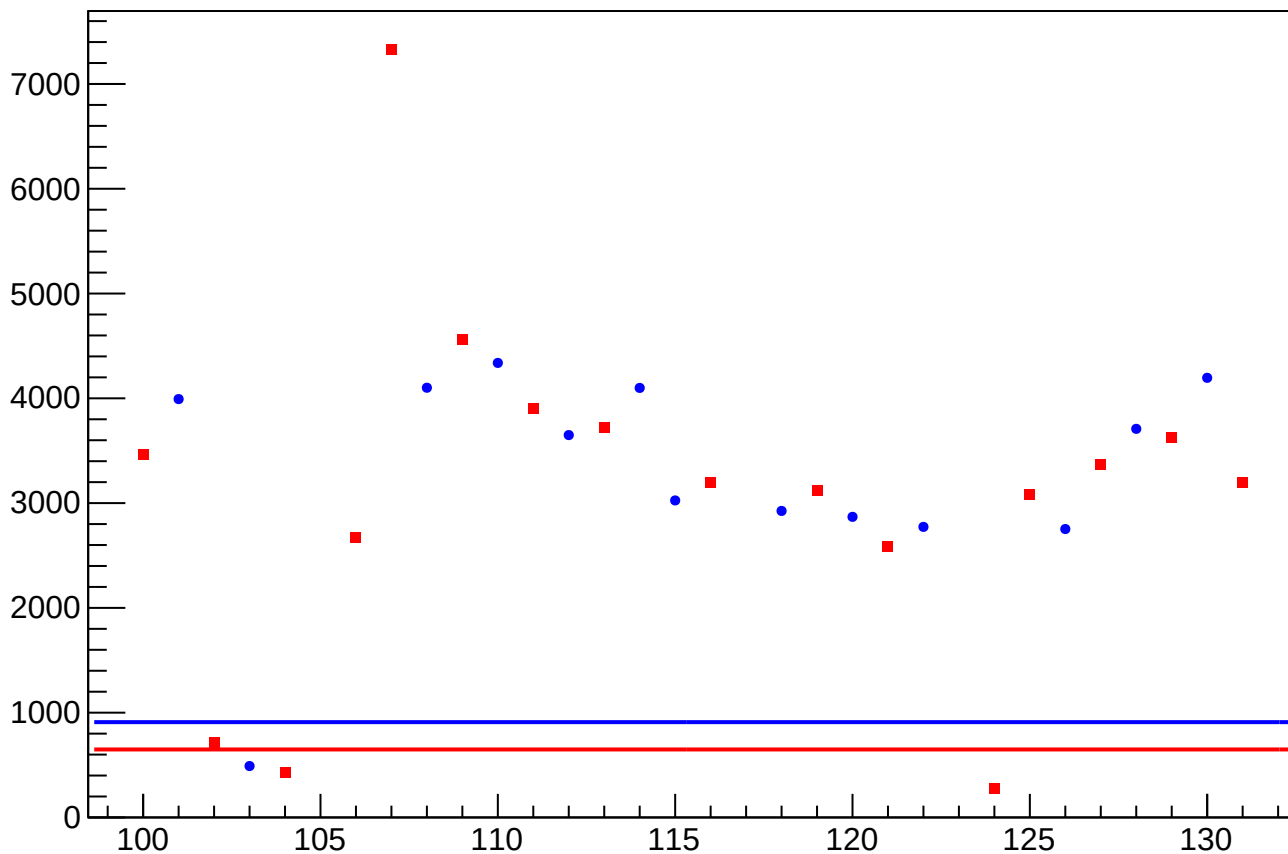
Right: 445.867+/-348.807 χ^2/NDF : 27.8/28

In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.867+/-348.807 χ^2/NDF : 27.8/28

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 909.664+/-0.417 χ^2/NDF : 6192696.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 648.916+/-0.306 χ^2/NDF : 7216380.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

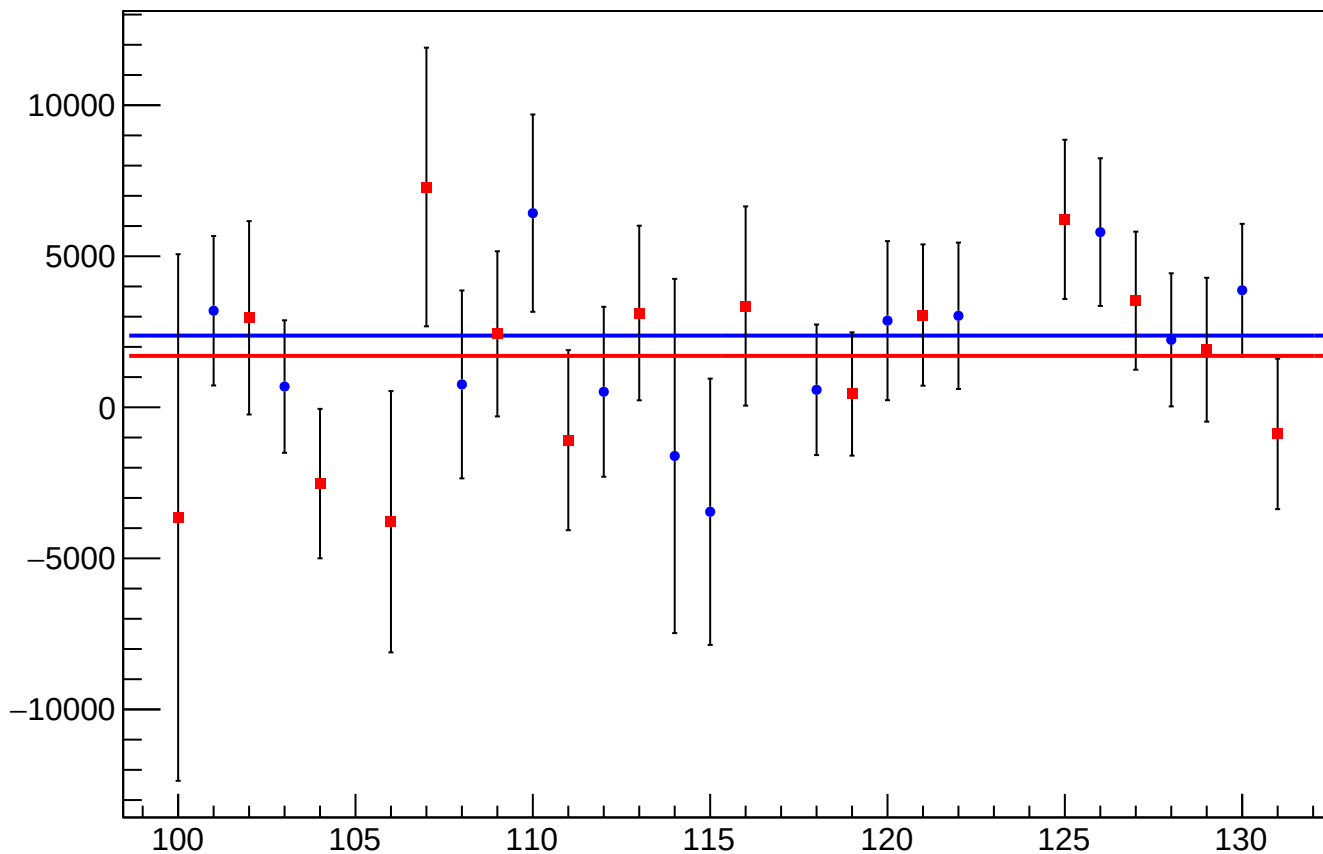
Right: 740.321+/-0.247 χ^2/NDF : 13663523.0/28

In: 909.664+/-0.417 χ^2/NDF :6192696.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 740.321+/-0.247 χ^2/NDF : 13663523.0/28

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2373.685 $\pm$ 728.350 χ^2 /NDF: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1702.768 $\pm$ 720.006 χ^2 /NDF: 13.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

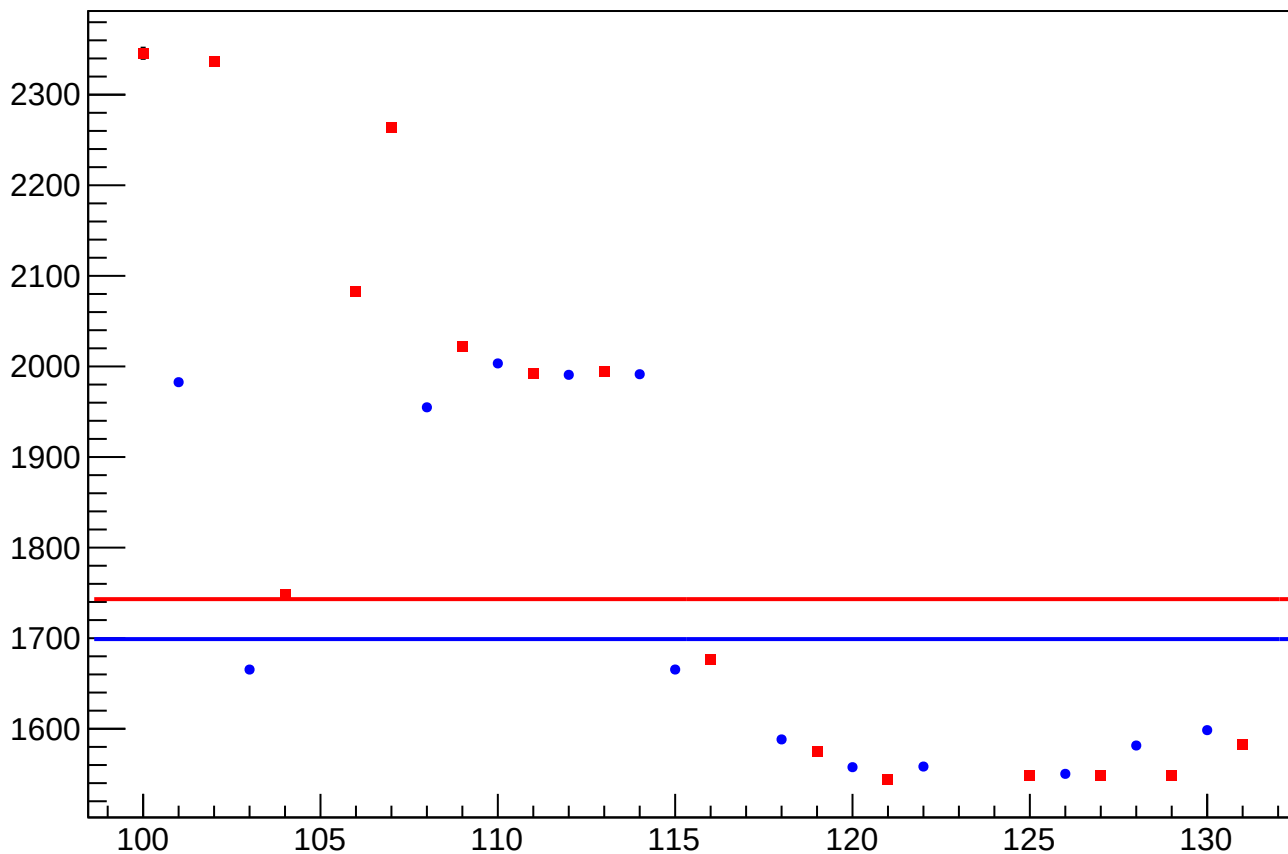
Right: 2034.361 $\pm$ 512.046 χ^2 /NDF: 22.2/27

In: 2373.685 $\pm$ 728.350 χ^2 /NDF:8.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2034.361 $\pm$ 512.046 χ^2 /NDF: 22.2/27

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1699.008+/-0.515 χ^2/NDF : 119326.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.122+/-0.508 χ^2/NDF : 244559.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

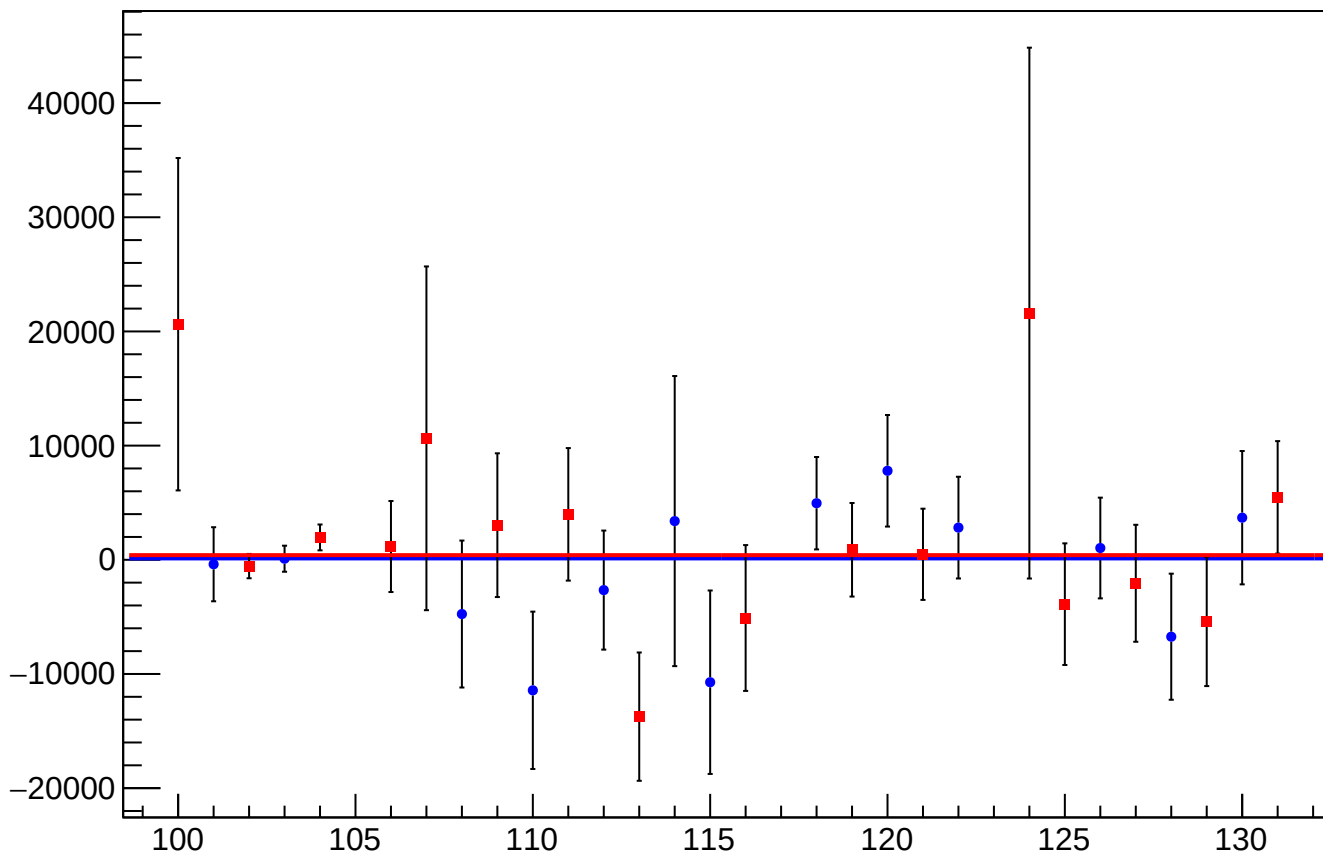
Right: 1721.379+/-0.362 χ^2/NDF : 367606.6/27

In: 1699.008+/-0.515 χ^2/NDF : 119326.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.379+/-0.362 χ^2/NDF : 367606.6/27

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 120.220+/-900.435 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.961+/-687.538 χ^2/NDF : 16.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

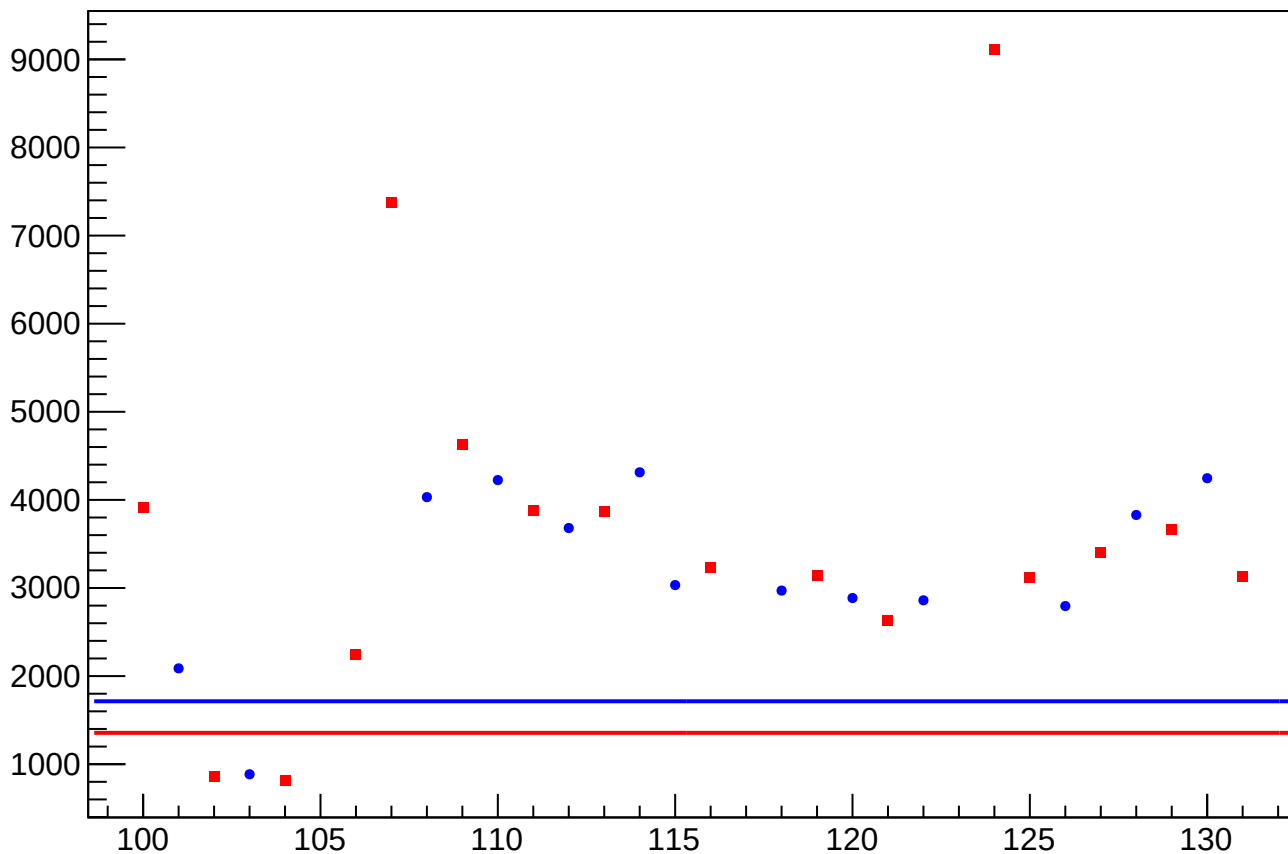
Right: 301.354+/-546.452 χ^2/NDF : 28.5/28

In: 120.220+/-900.435 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.354+/-546.452 χ^2/NDF : 28.5/28

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1714.075+/-0.637 χ^2/NDF : 3257288.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.997+/-0.486 χ^2/NDF : 4814681.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

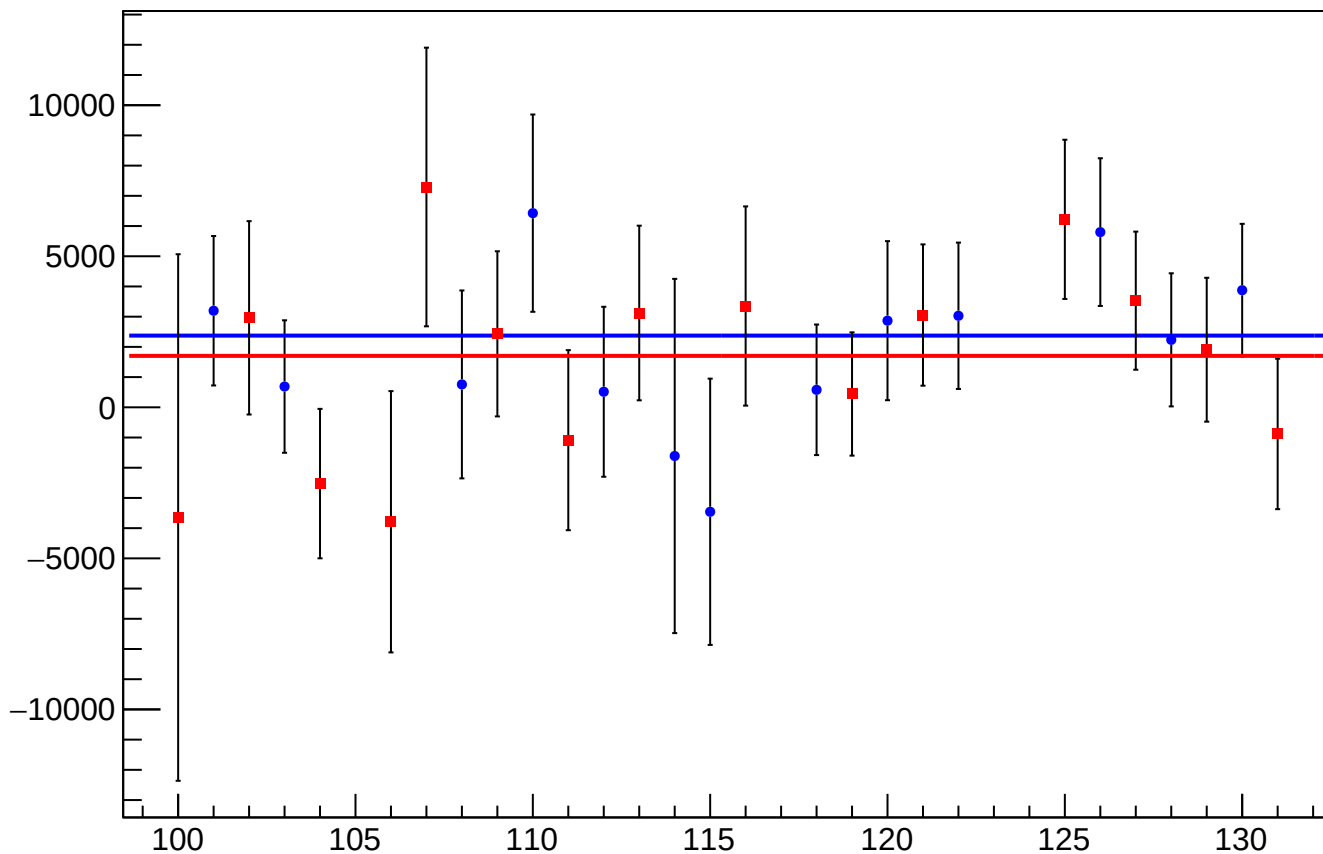
Right: 1487.877+/-0.386 χ^2/NDF : 8271769.2/28

In: 1714.075+/-0.637 χ^2/NDF : 3257288.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1487.877+/-0.386 χ^2/NDF : 8271769.2/28

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2373.686+/-728.350 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1702.768+/-720.005 χ^2/NDF : 13.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

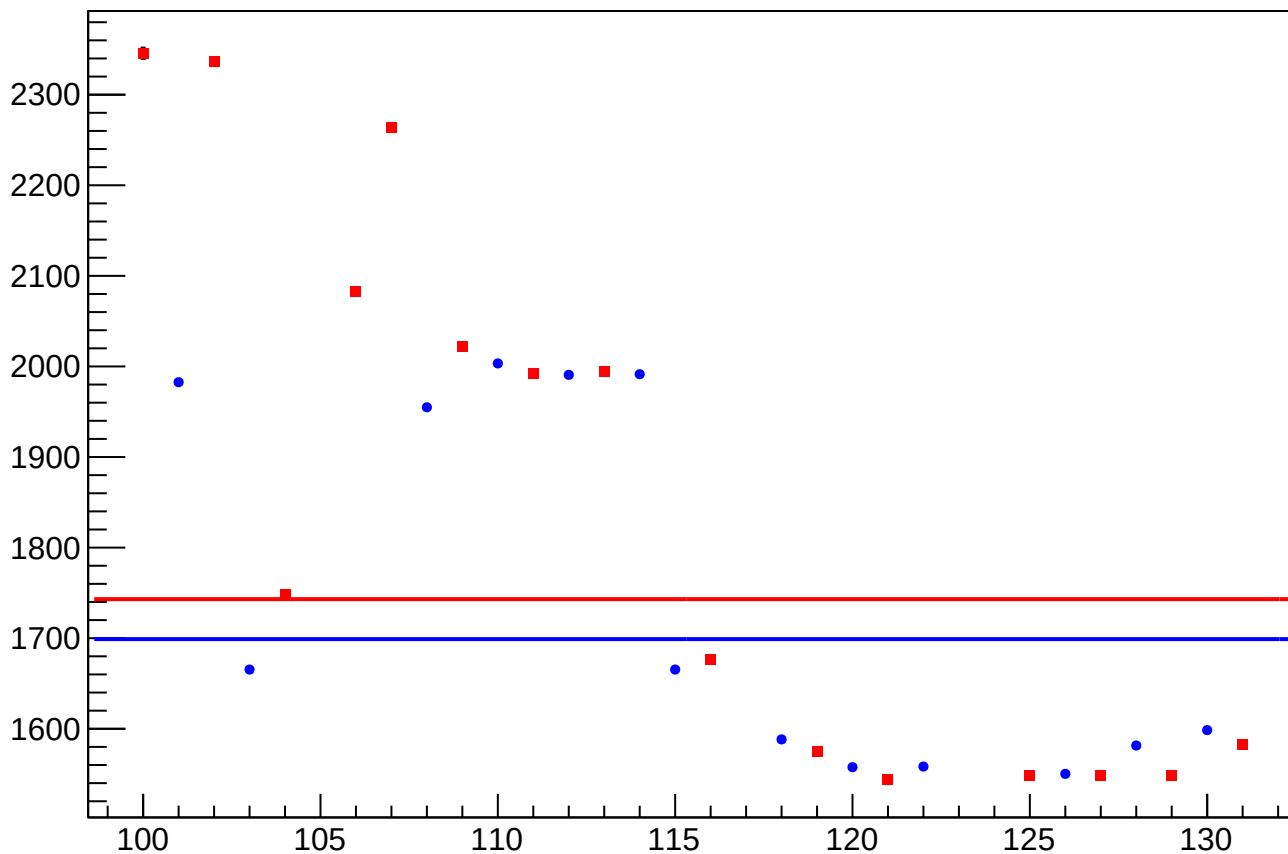
Right: 2034.362+/-512.045 χ^2/NDF : 22.2/27

In: 2373.686+/-728.350 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2034.362+/-512.045 χ^2/NDF : 22.2/27

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1699.008+/-0.515 χ^2/NDF : 119326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.122+/-0.508 χ^2/NDF : 244558.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

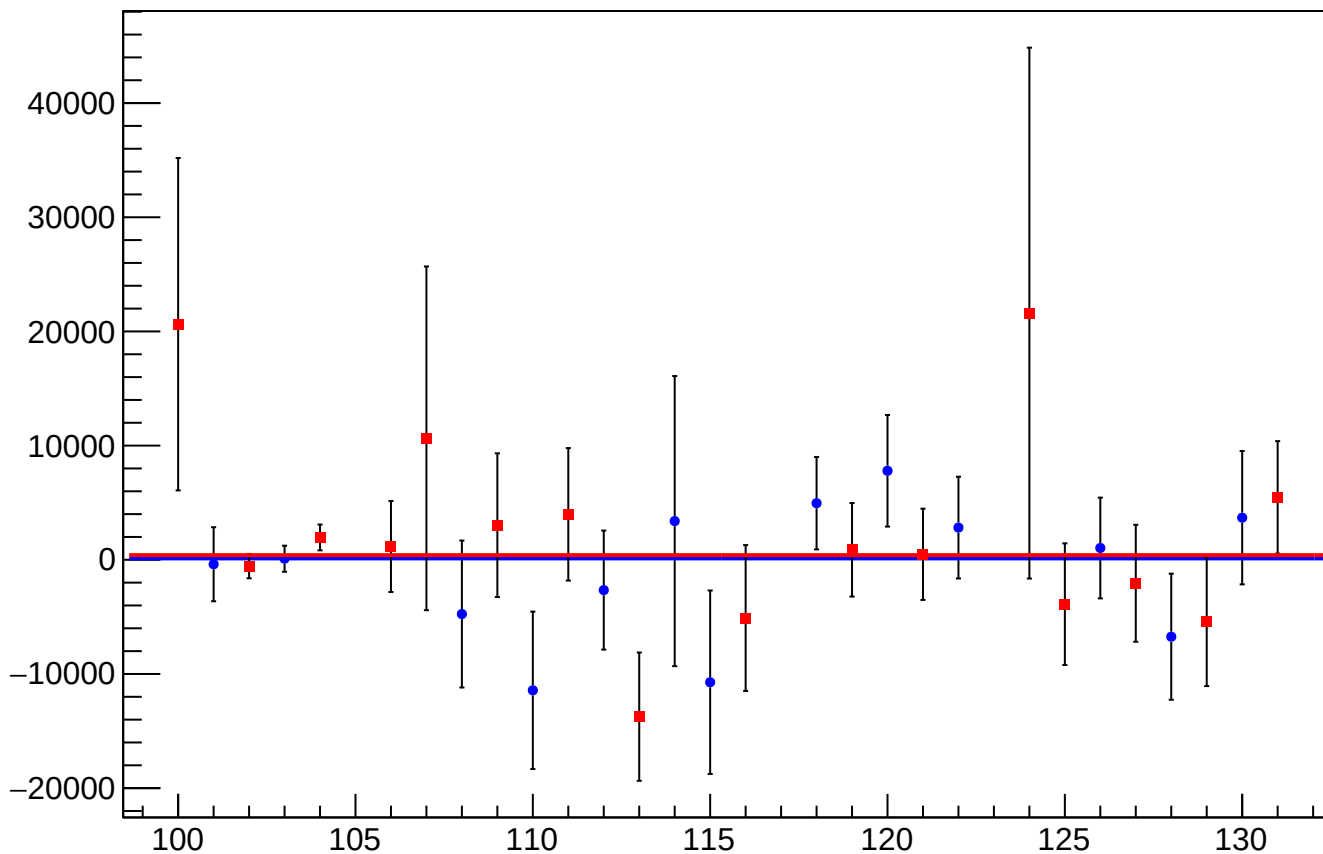
Right: 1721.379+/-0.362 χ^2/NDF : 367606.3/27

In: 1699.008+/-0.515 χ^2/NDF : 119326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.379+/-0.362 χ^2/NDF : 367606.3/27

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 120.221+/-900.428 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.960+/-687.532 χ^2/NDF : 16.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

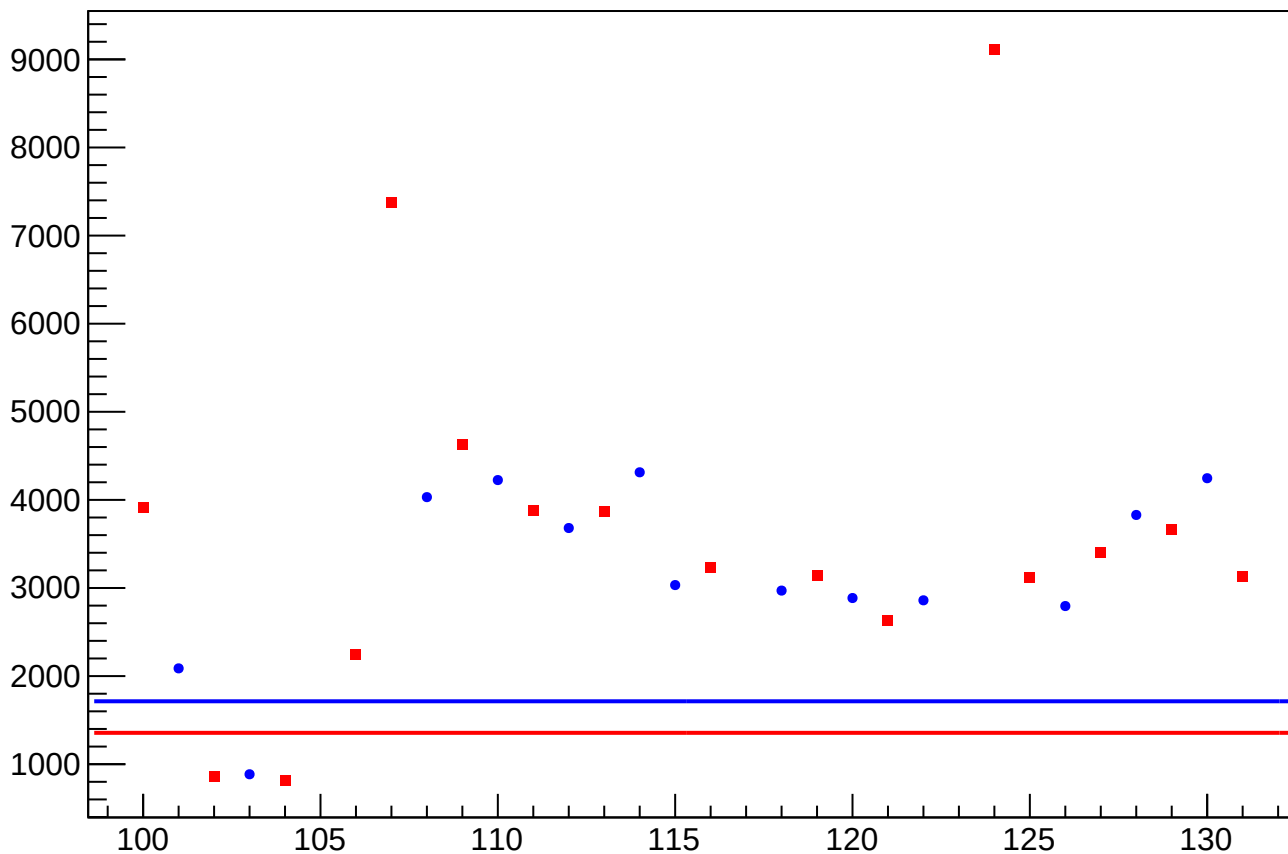
Right: 301.355+/-546.448 χ^2/NDF : 28.5/28

In: 120.221+/-900.428 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.355+/-546.448 χ^2/NDF : 28.5/28

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1714.060+/-0.637 χ^2/NDF : 3257310.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.984+/-0.486 χ^2/NDF : 4814707.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

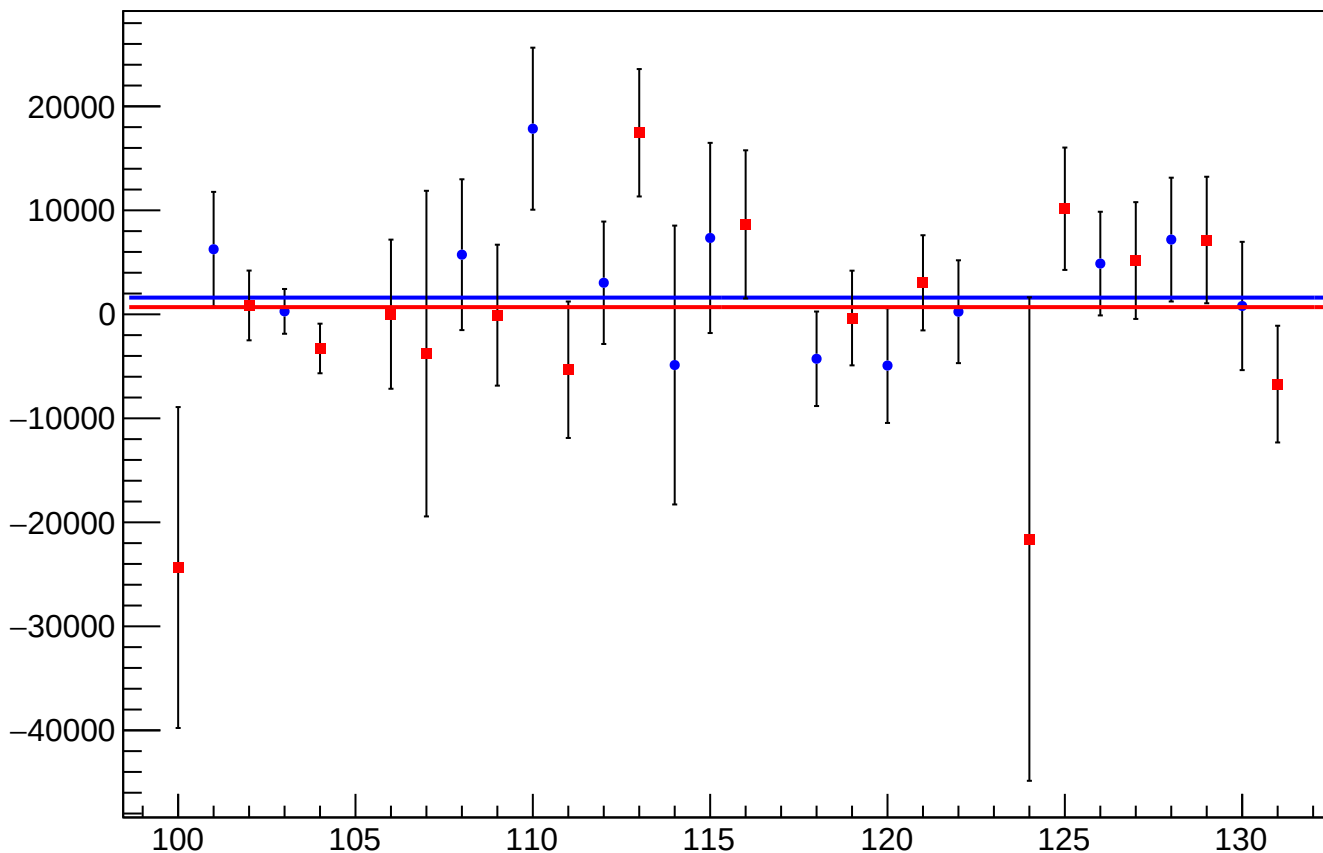
Right: 1487.863+/-0.386 χ^2/NDF : 8271817.1/28

In: 1714.060+/-0.637 χ^2/NDF : 3257310.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1487.863+/-0.386 χ^2/NDF : 8271817.1/28

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1609.250+/-1351.536 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 693.207+/-1289.687 χ^2/NDF : 22.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

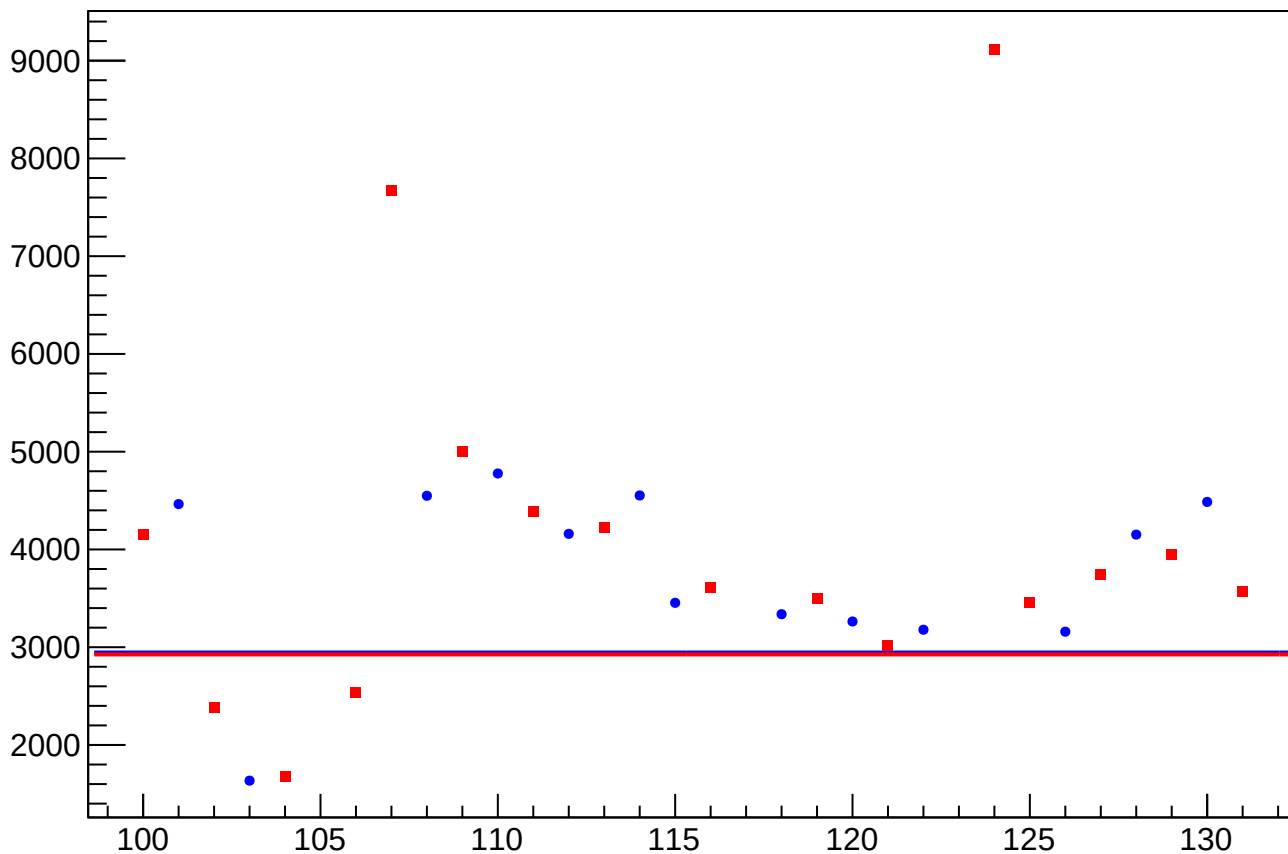
Right: 1129.790+/-933.045 χ^2/NDF : 33.6/28

In: 1609.250+/-1351.536 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.790+/-933.045 χ^2/NDF : 33.6/28

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2945.751+/-0.956 χ^2/NDF : 1457700.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2926.040+/-0.897 χ^2/NDF : 1522476.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

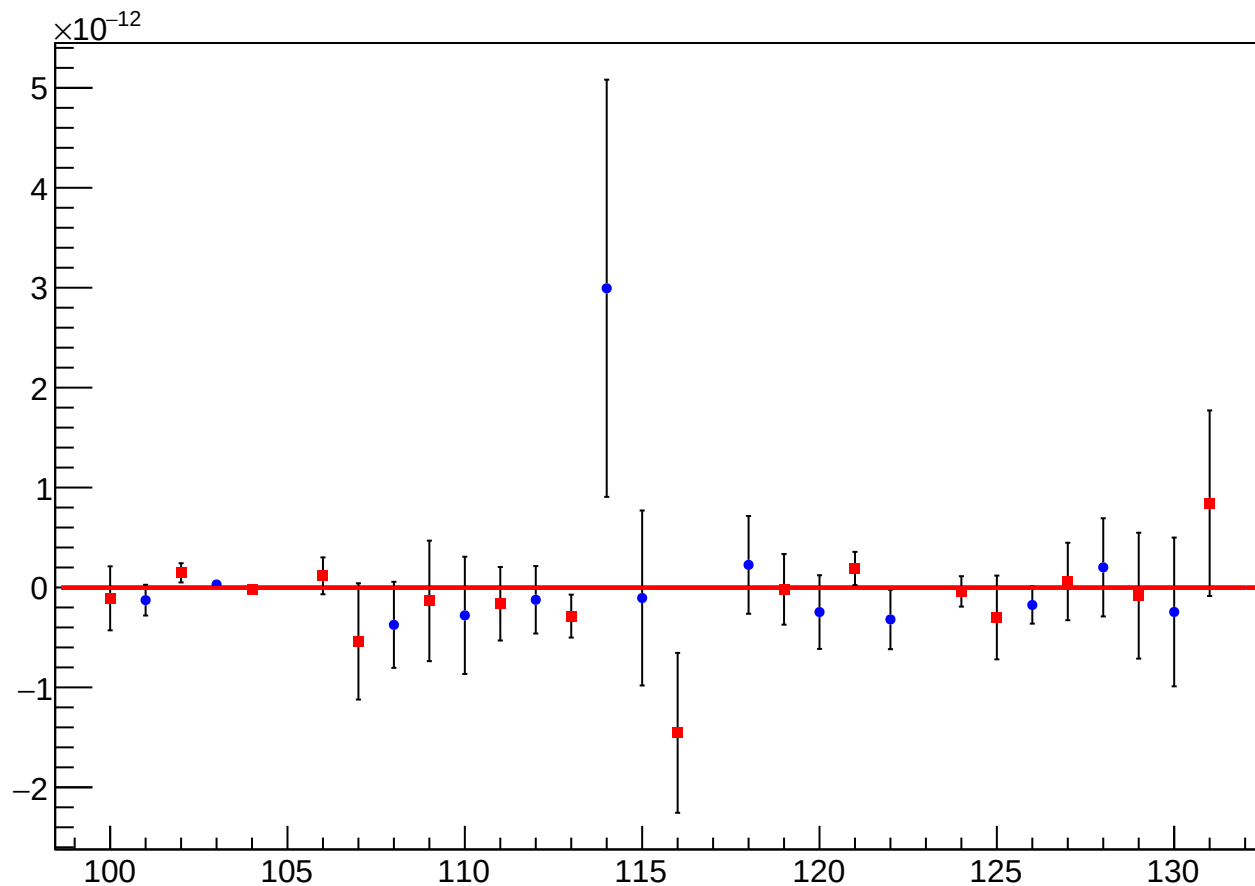
Right: 2935.268+/-0.654 χ^2/NDF : 2980402.6/28

In: 2945.751+/-0.956 χ^2/NDF : 1457700.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2935.268+/-0.654 χ^2/NDF : 2980402.6/28

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

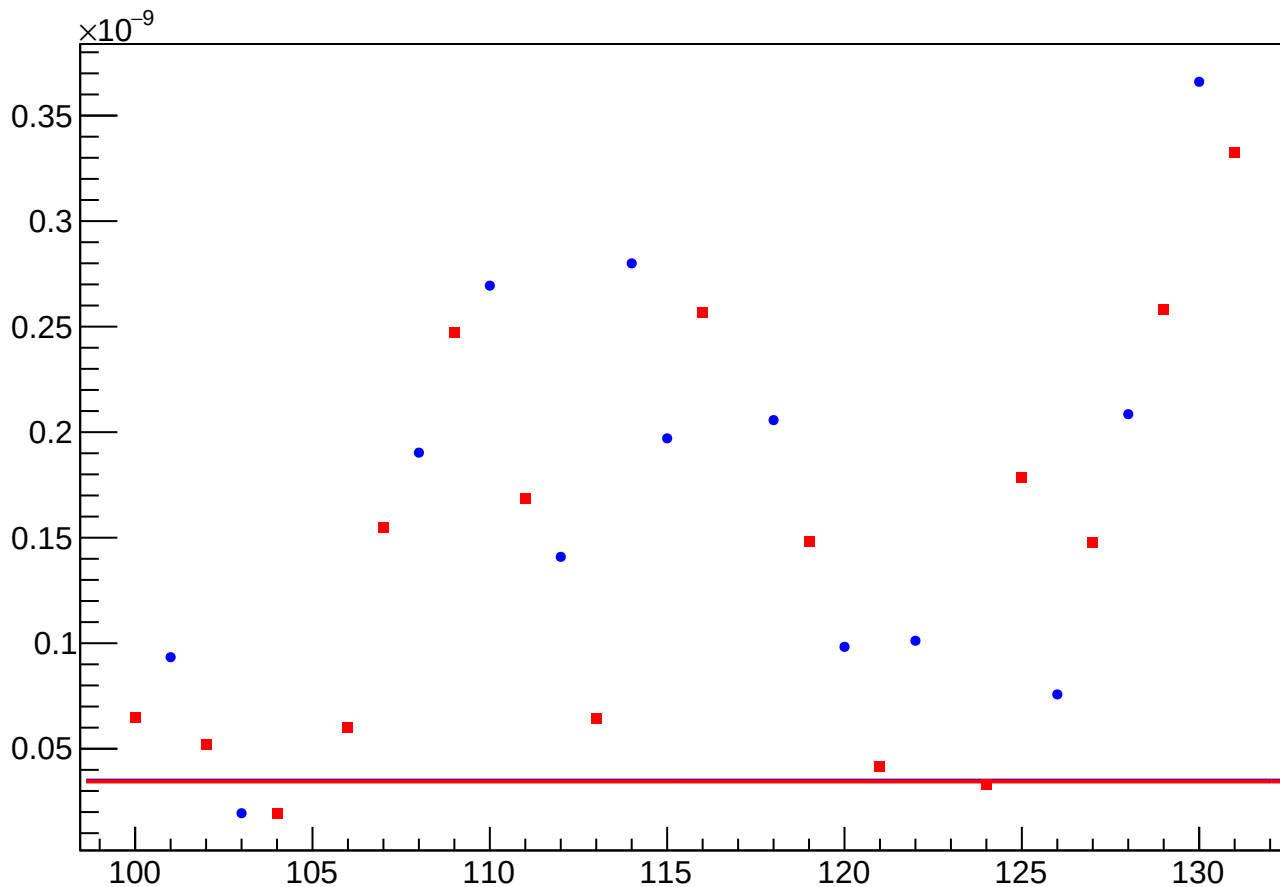
Right: -0.000+/-0.000 χ^2/NDF : 19.5/28

In: 0.000+/-0.000 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/28

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2603729.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2284141.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

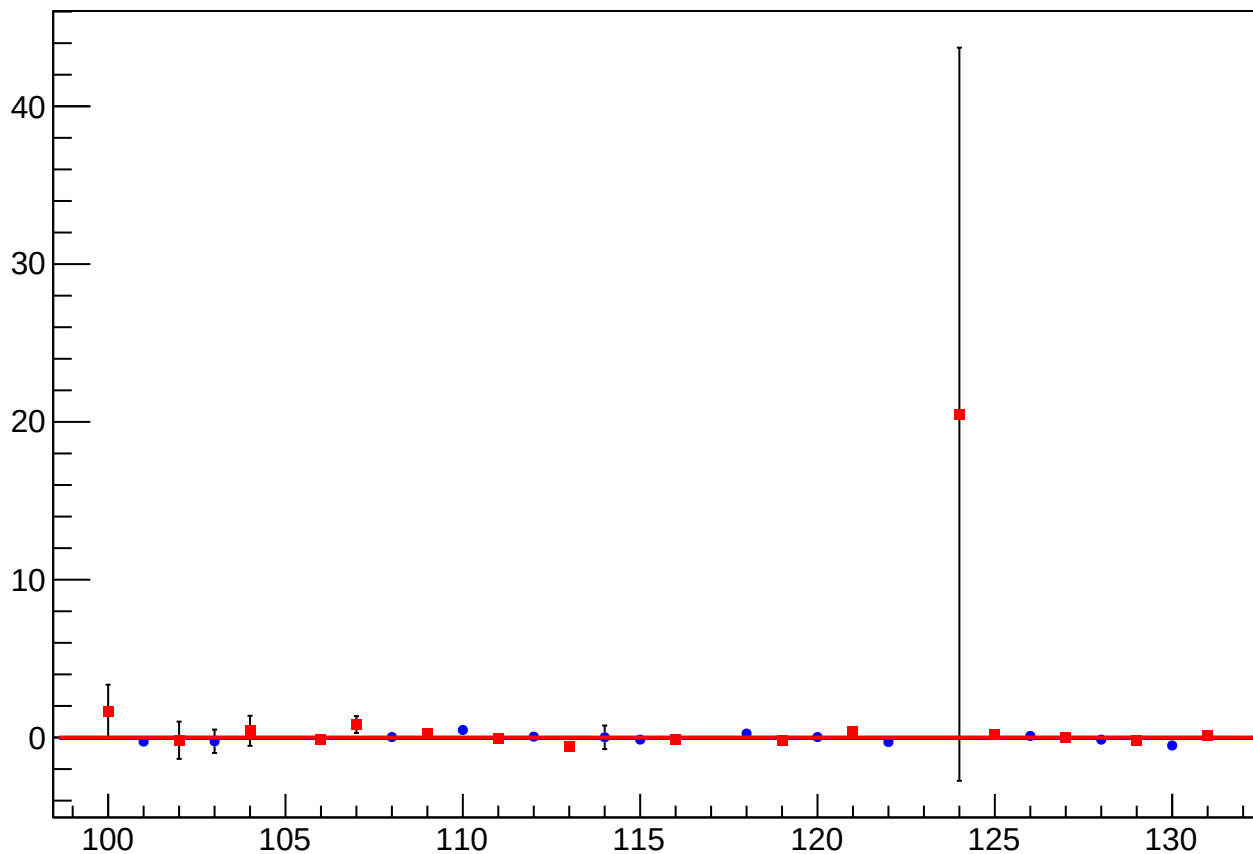
Right: 0.000+/-0.000 χ^2/NDF : 4887988.8/28

In: 0.000+/-0.000 χ^2/NDF : 2603729.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4887988.8/28

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.059 χ^2/NDF : 19.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

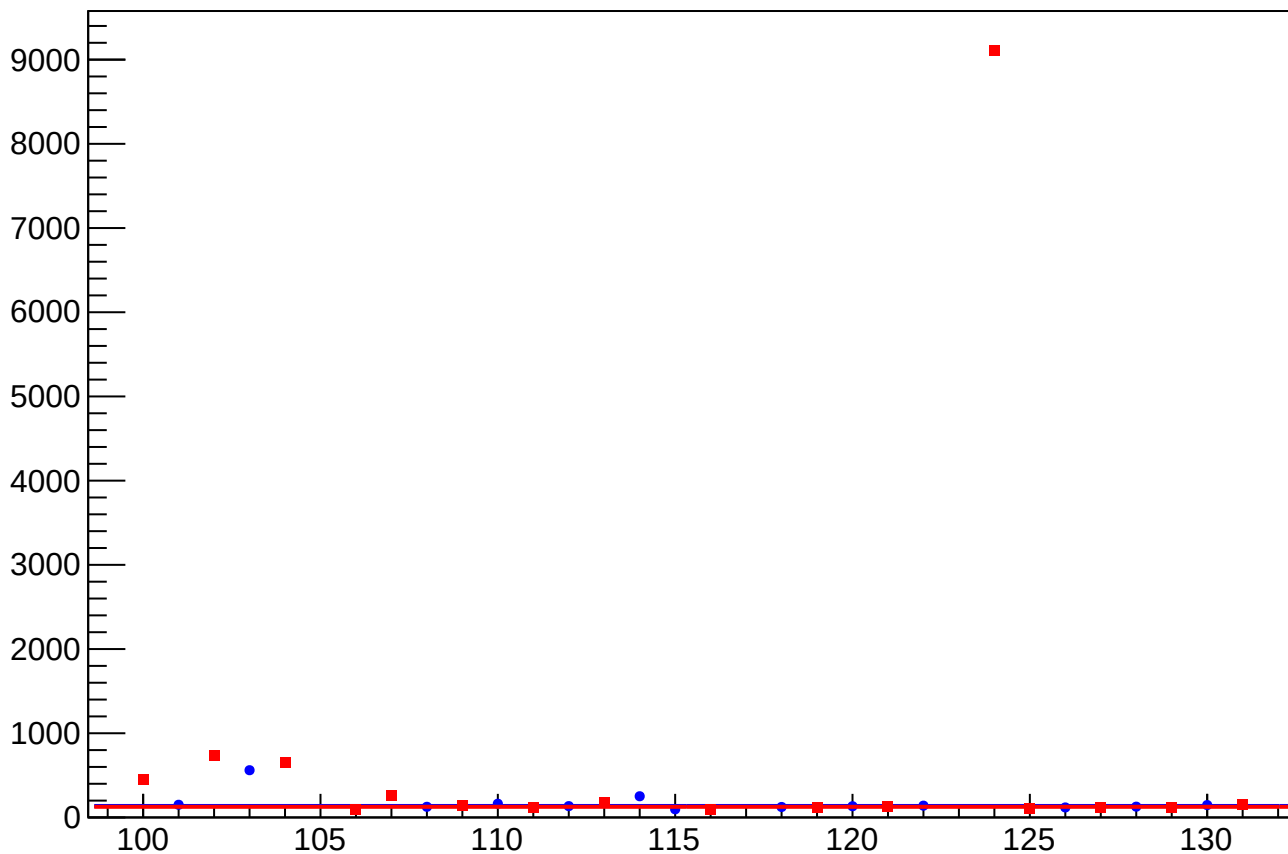
Right: -0.017 ± 0.043 χ^2/NDF : 34.6/28

In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.043 χ^2/NDF : 34.6/28

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.487+/-0.042 χ^2/NDF : 1857167.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

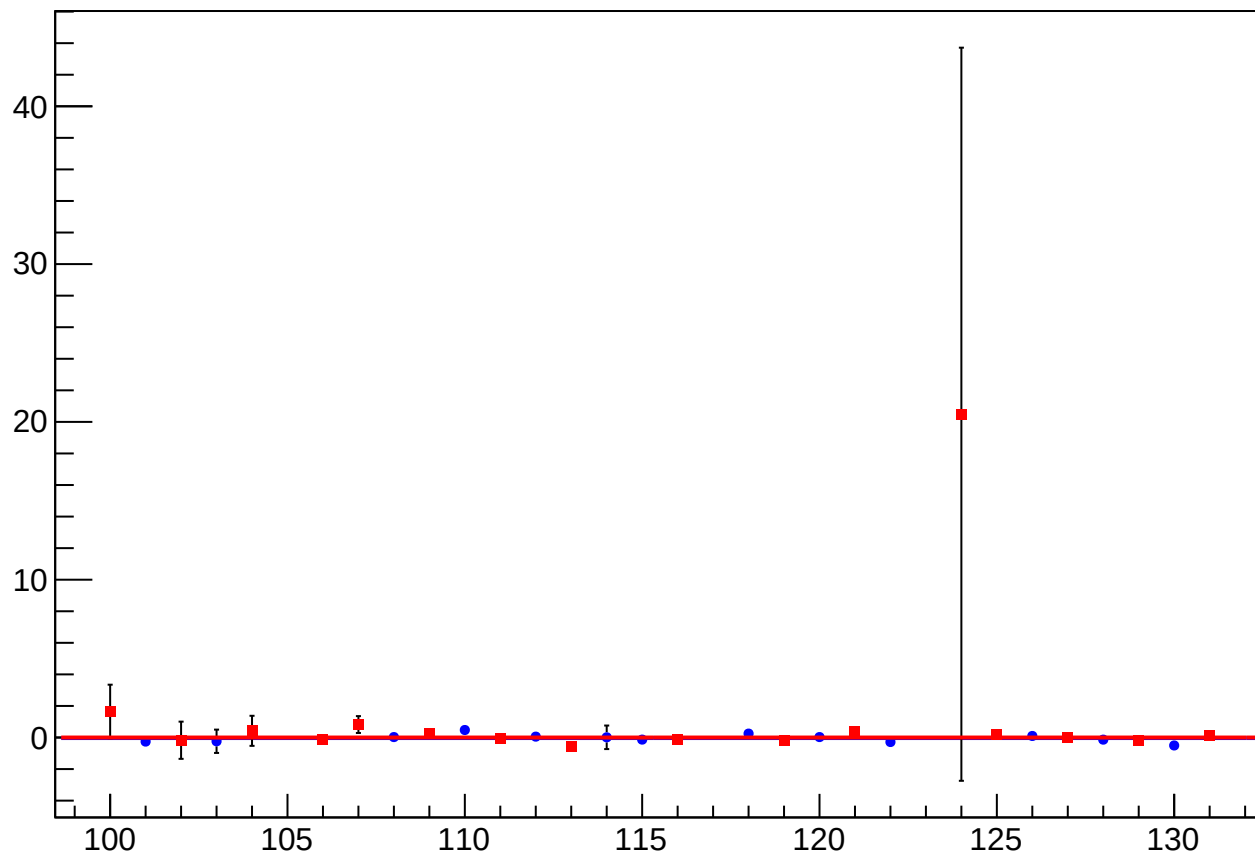
Right: 131.139+/-0.030 χ^2/NDF : 2705236.5/28

In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.139+/-0.030 χ^2/NDF : 2705236.5/28

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.059 χ^2/NDF : 19.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

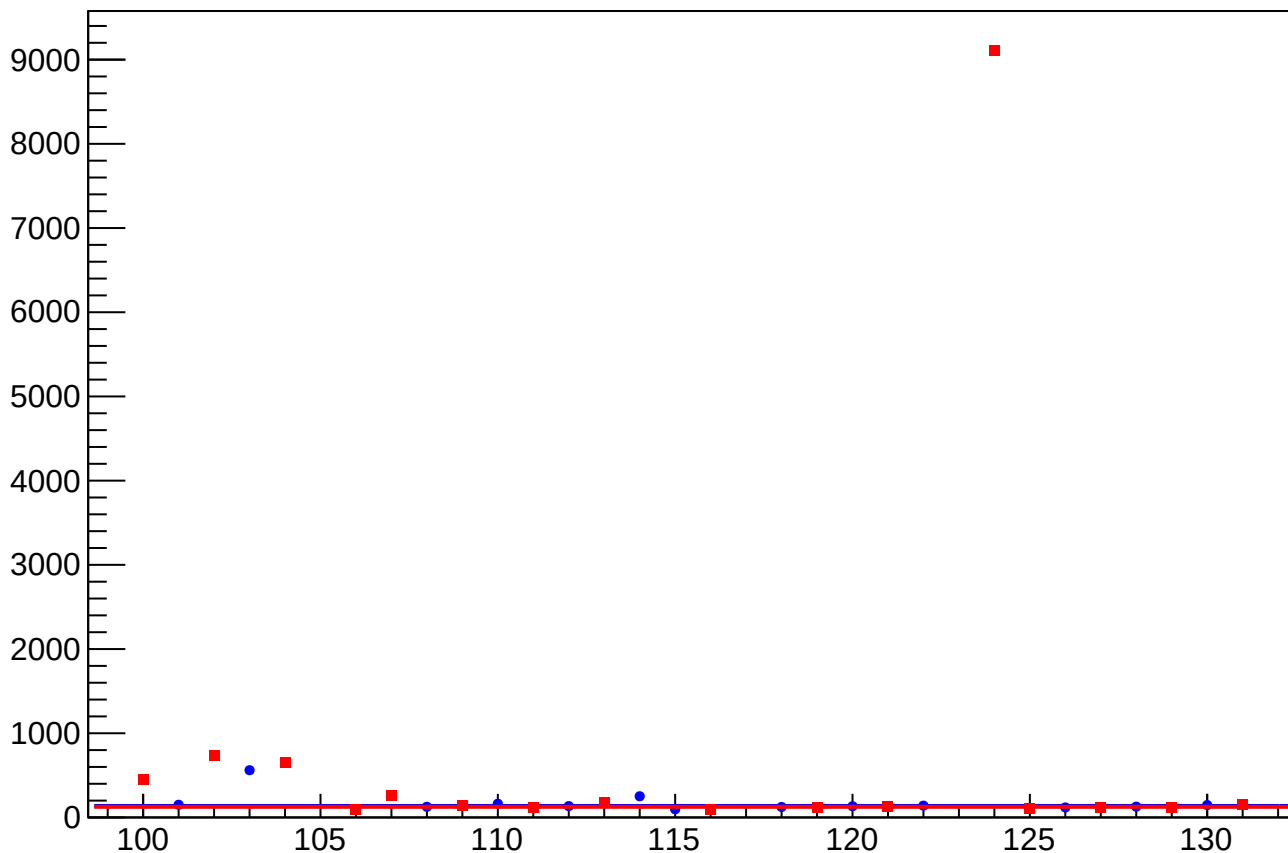
Right: -0.017 ± 0.043 χ^2/NDF : 34.6/28

In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.043 χ^2/NDF : 34.6/28

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.487+/-0.042 χ^2/NDF : 1857167.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

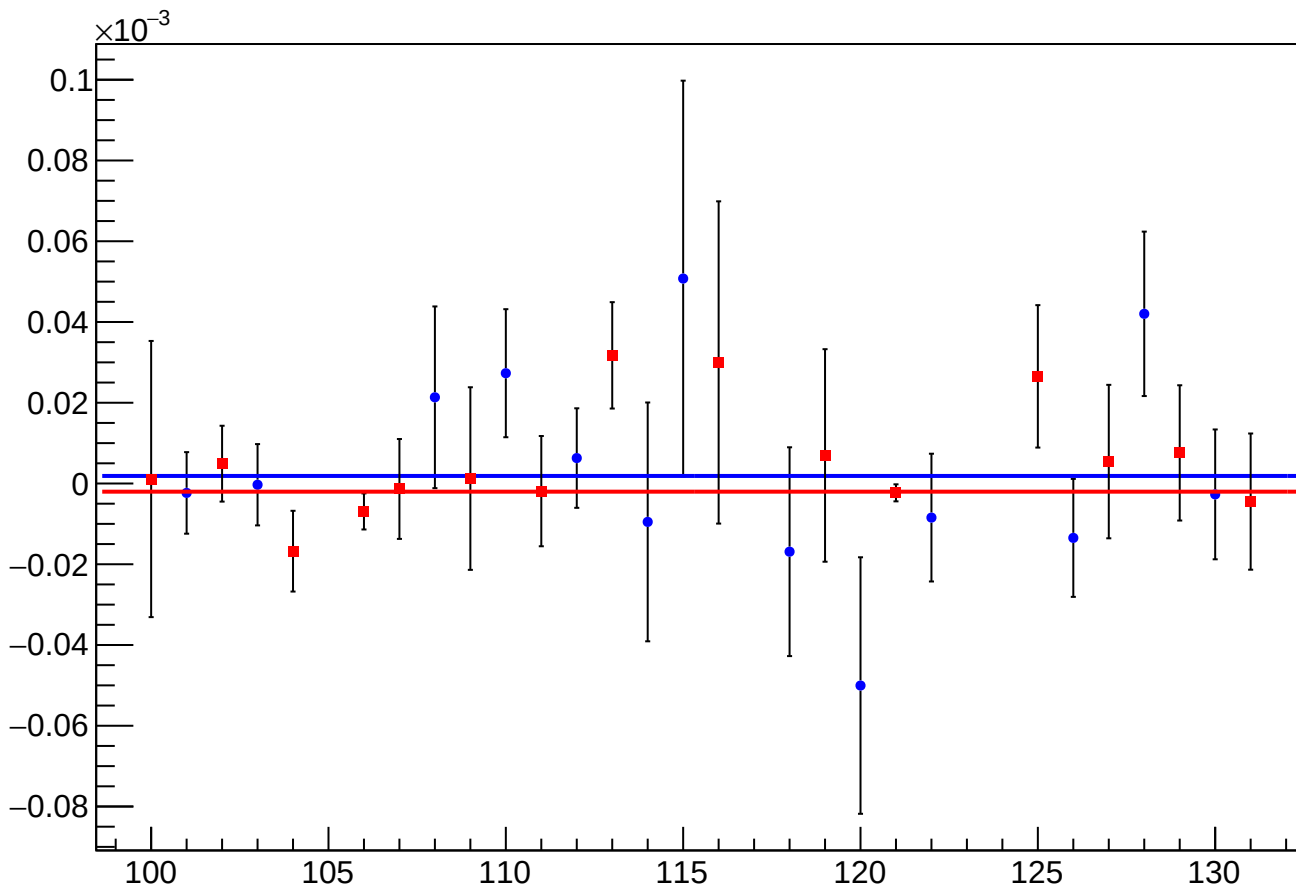
Right: 131.139+/-0.030 χ^2/NDF : 2705236.5/28

In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.139+/-0.030 χ^2/NDF : 2705236.5/28

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

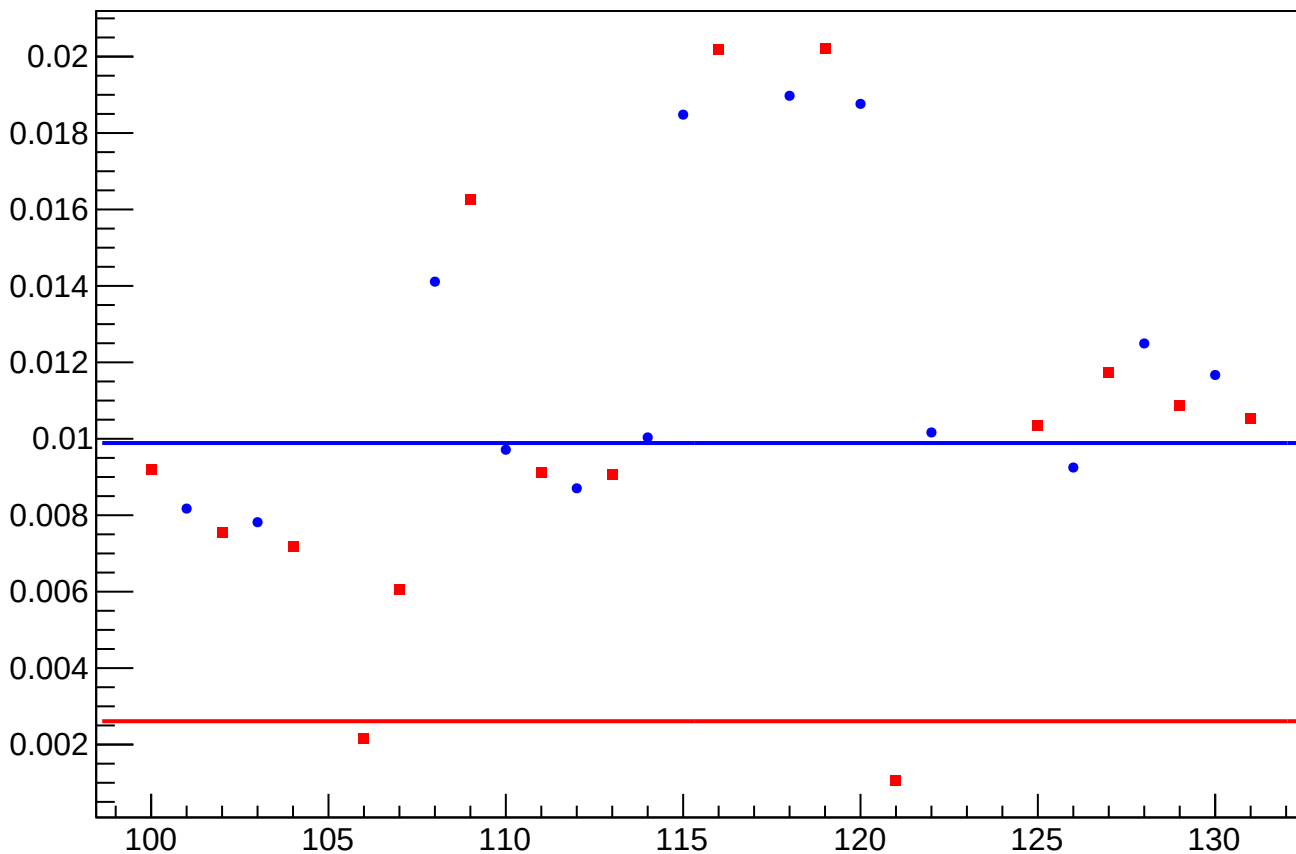
Right: -0.000+/-0.000 χ^2/NDF : 28.6/27

In: 0.000+/-0.000 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/27

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 757676.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7033014.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

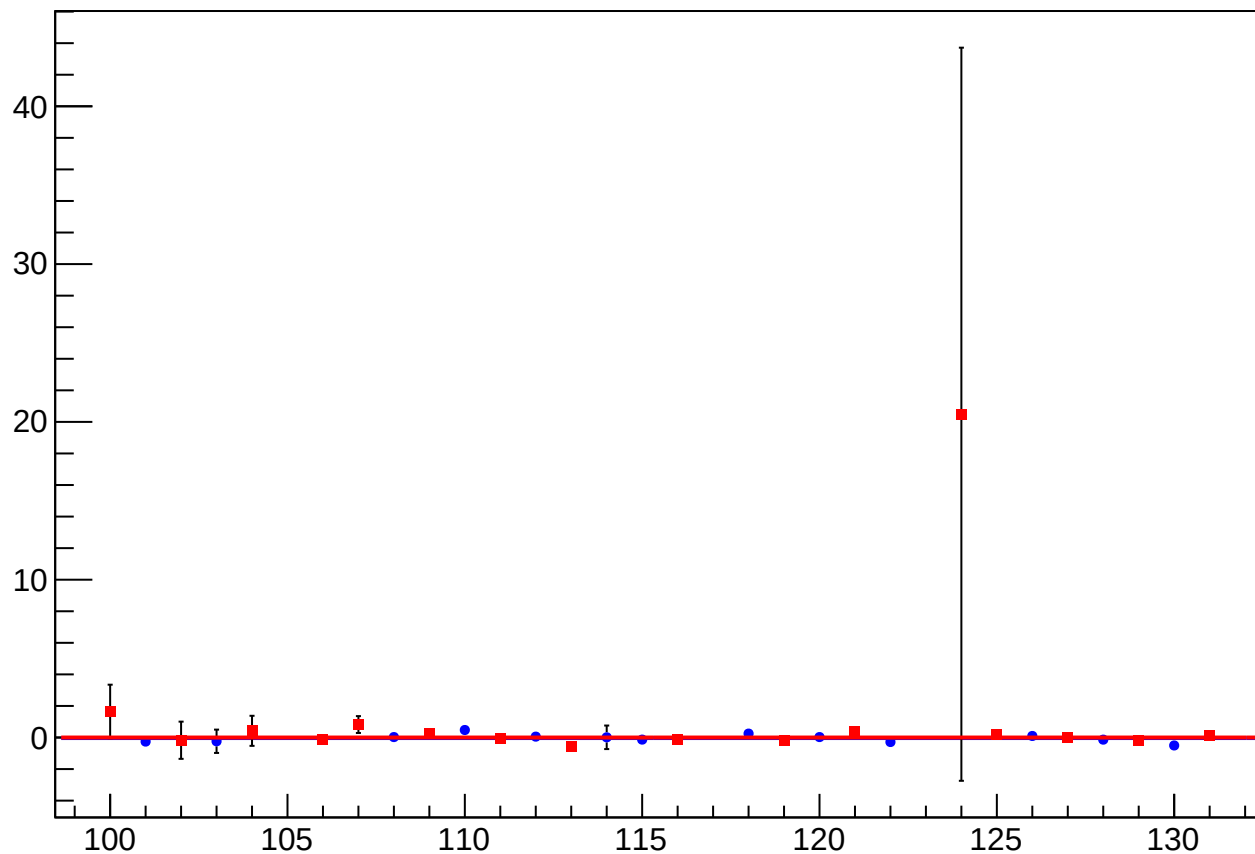
Right: 0.004+/-0.000 χ^2/NDF : 12491453.7/27

In: 0.010+/-0.000 χ^2/NDF : 757676.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 12491453.7/27

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.059 χ^2/NDF : 19.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

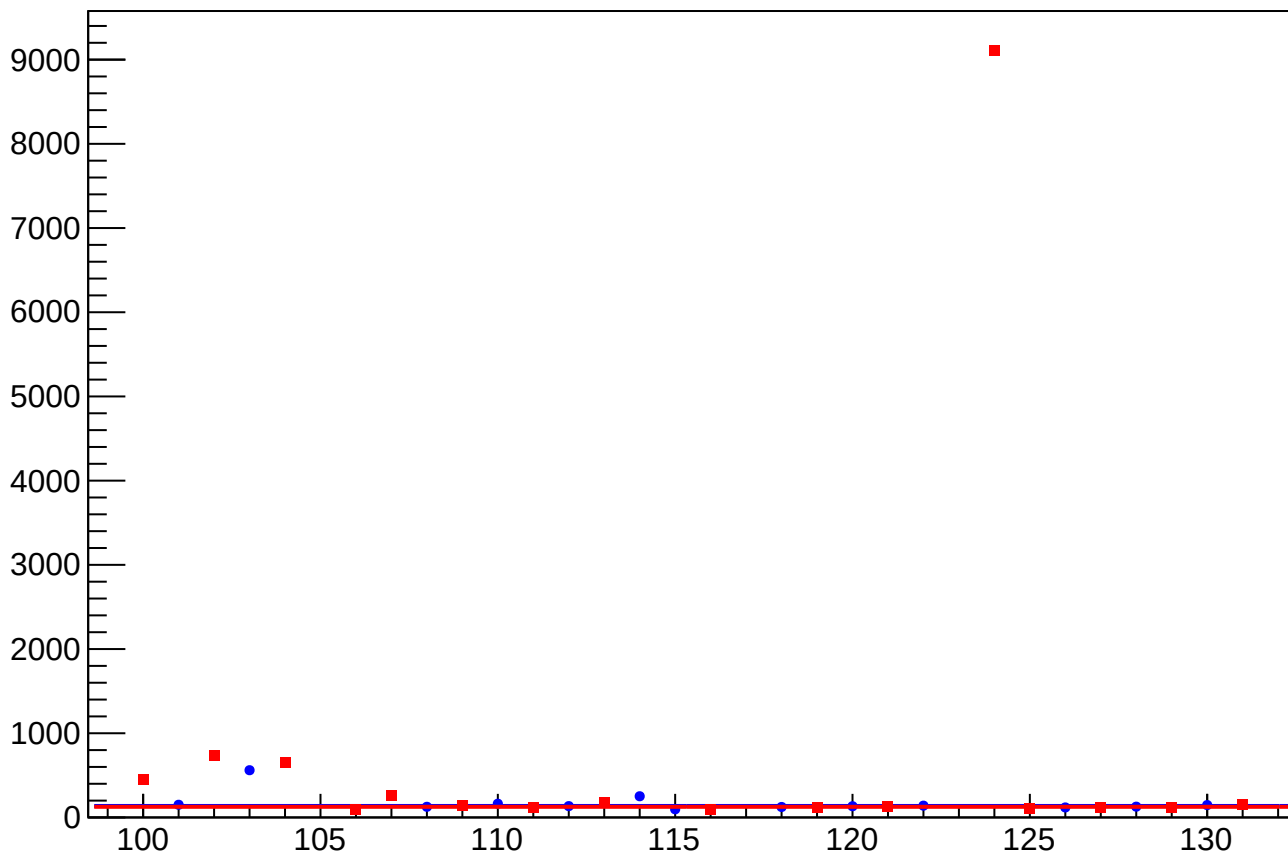
Right: -0.017 ± 0.043 χ^2/NDF : 34.6/28

In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.043 χ^2/NDF : 34.6/28

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.486+/-0.042 χ^2/NDF : 1857140.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

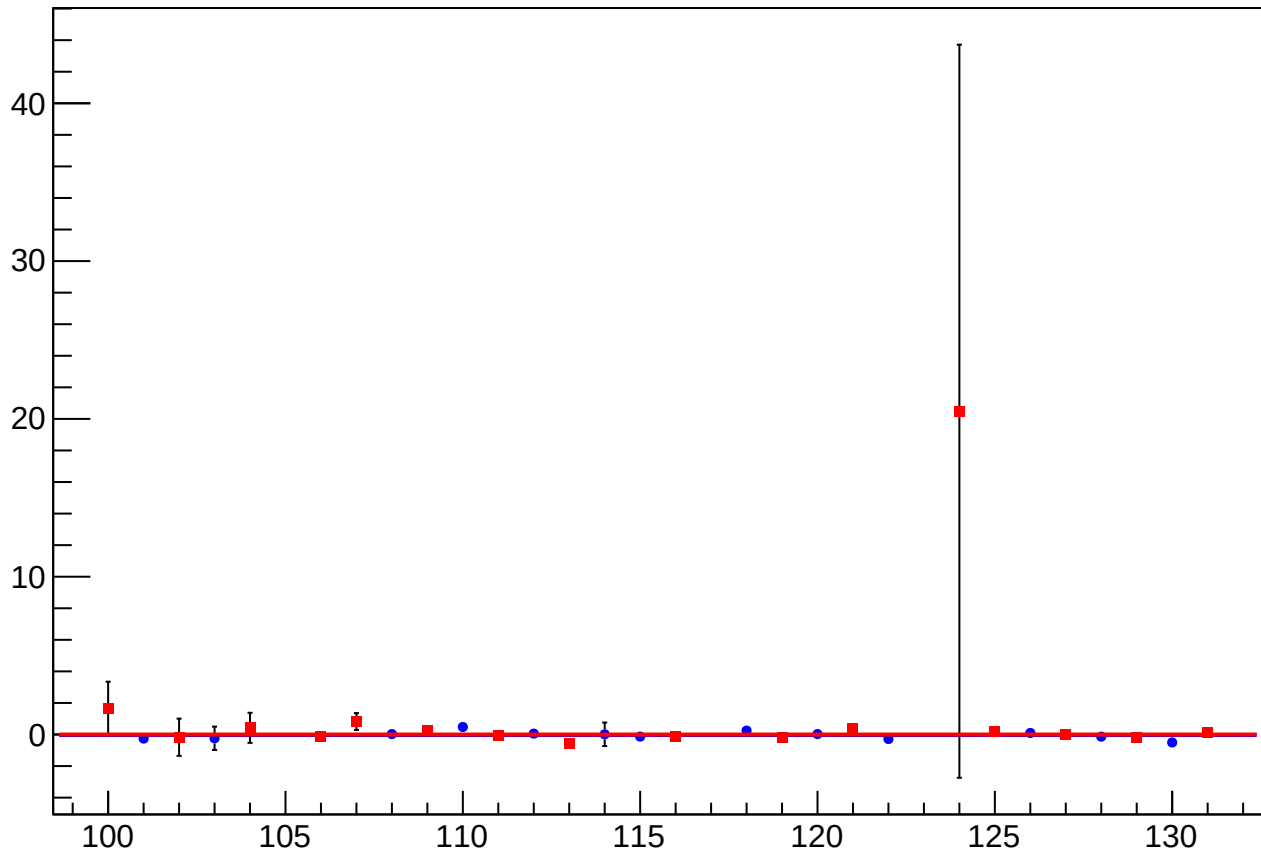
Right: 131.138+/-0.030 χ^2/NDF : 2705204.8/28

In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.138+/-0.030 χ^2/NDF : 2705204.8/28

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.063 χ^2 /NDF: 14.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.001+/-0.059 χ^2 /NDF: 19.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

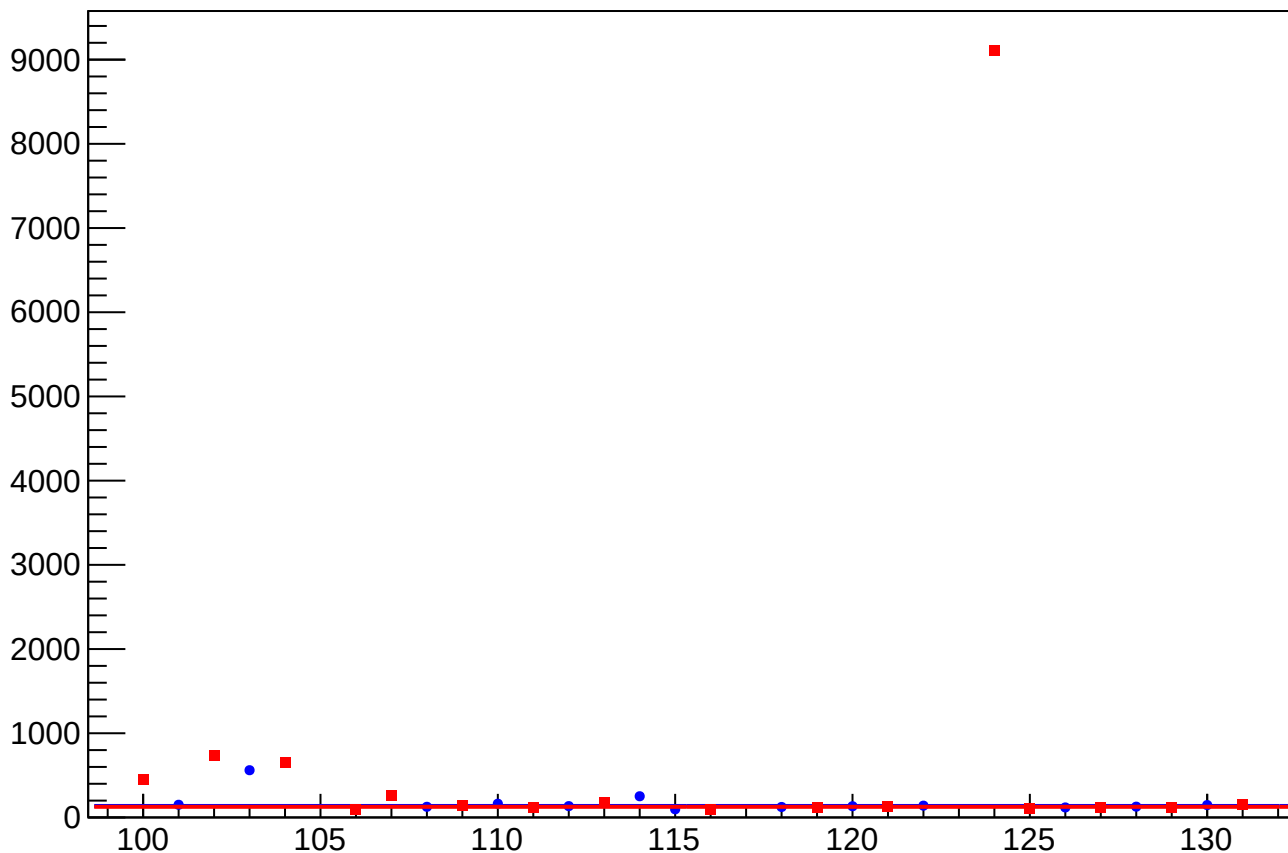
Right: -0.017+/-0.043 χ^2 /NDF: 34.6/28

In: -0.034+/-0.063 χ^2 /NDF:14.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.017+/-0.043 χ^2 /NDF: 34.6/28

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.486+/-0.042 χ^2/NDF : 1857140.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

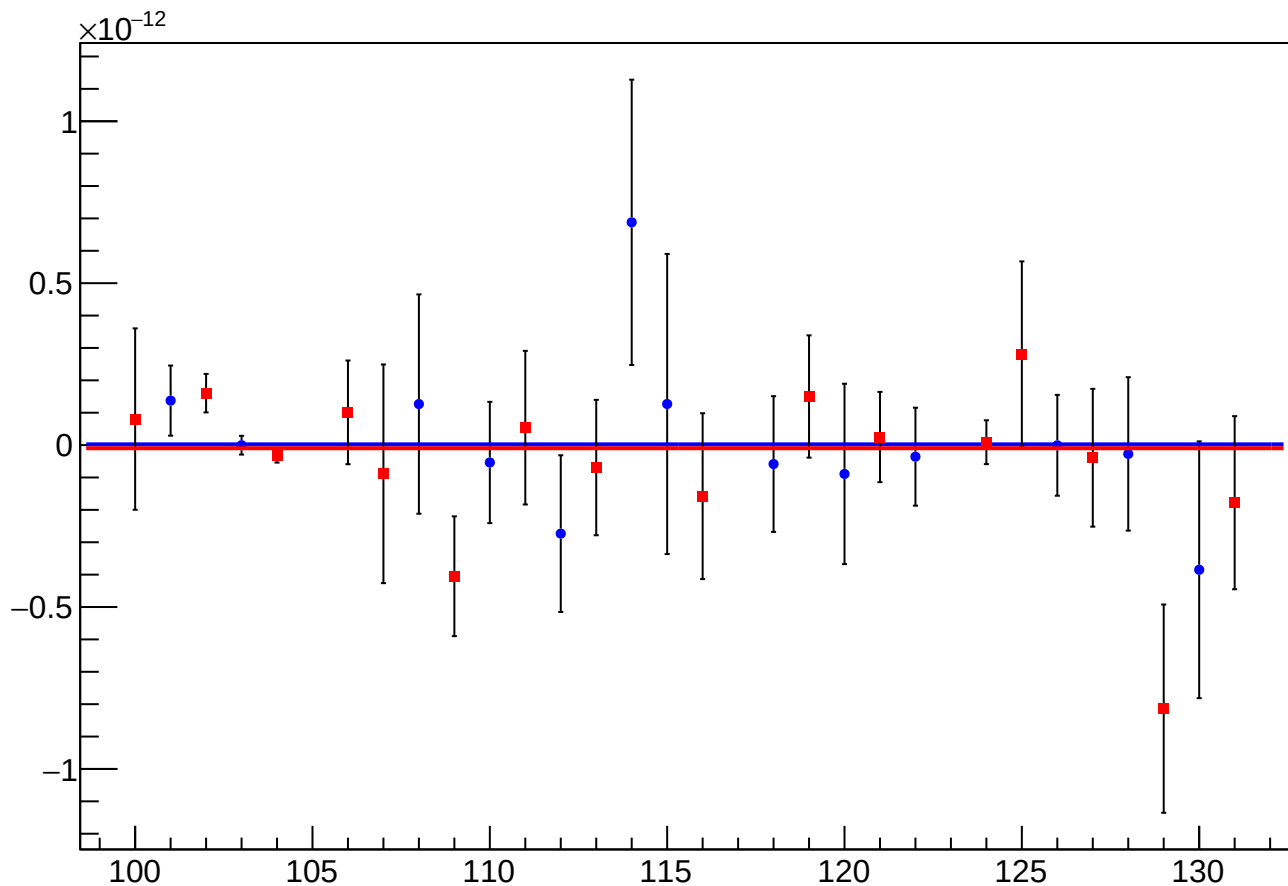
Right: 131.138+/-0.030 χ^2/NDF : 2705204.8/28

In: 136.433+/-0.044 χ^2/NDF :821334.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.138+/-0.030 χ^2/NDF : 2705204.8/28

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

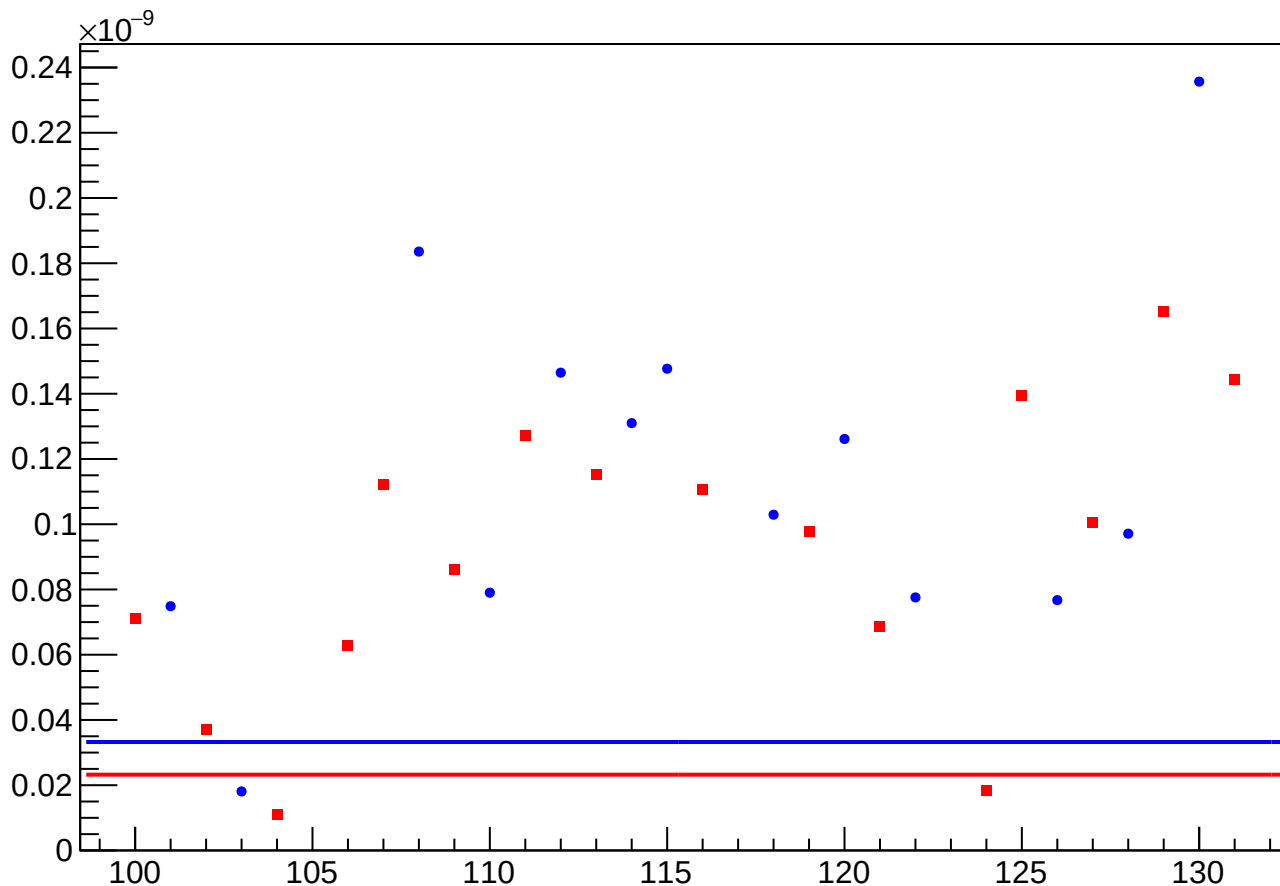
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/28

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3453593.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4161542.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

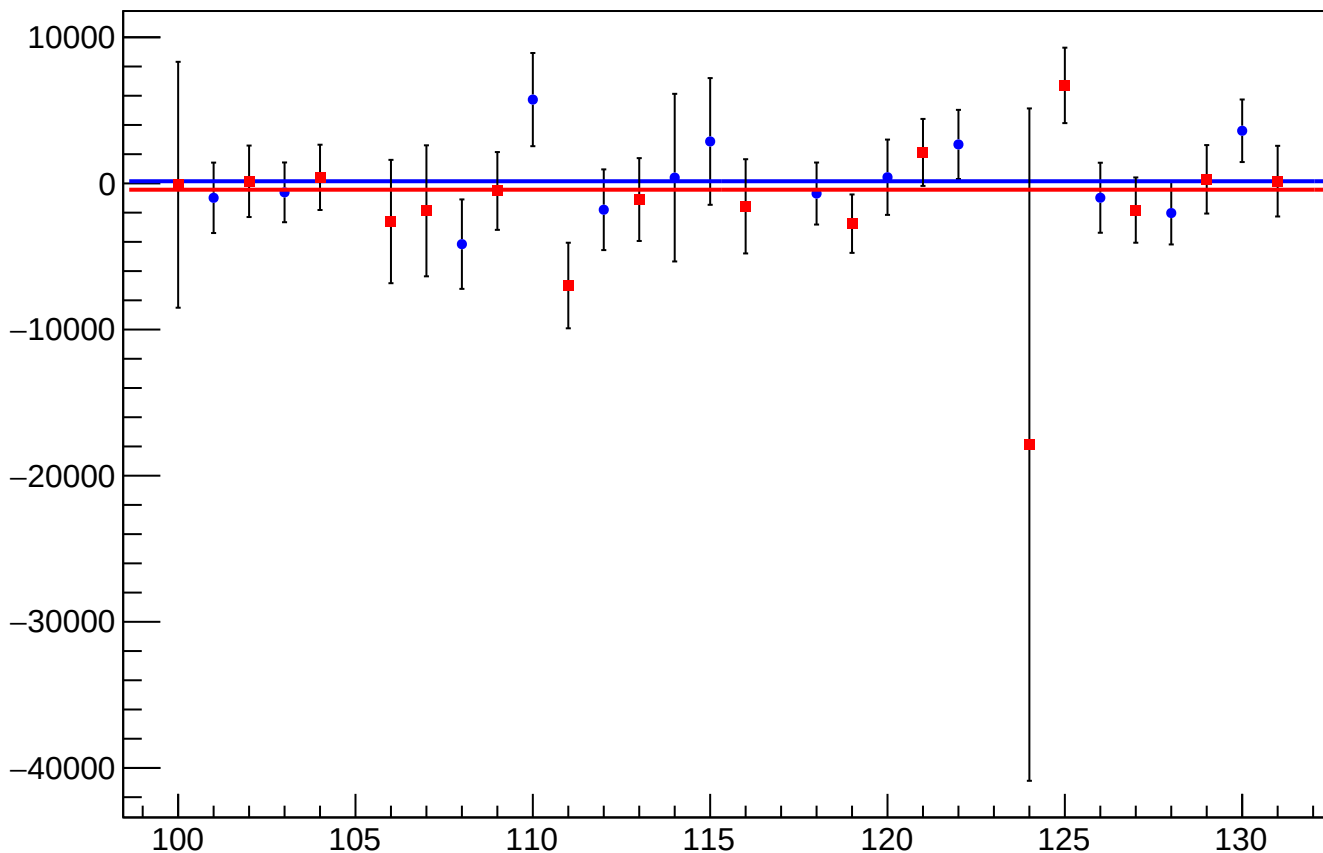
Right: 0.000+/-0.000 χ^2/NDF : 7808168.0/28

In: 0.000+/-0.000 χ^2/NDF : 3453593.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7808168.0/28

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 148.908 $\pm$ 708.619 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -431.018 $\pm$ 688.004 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

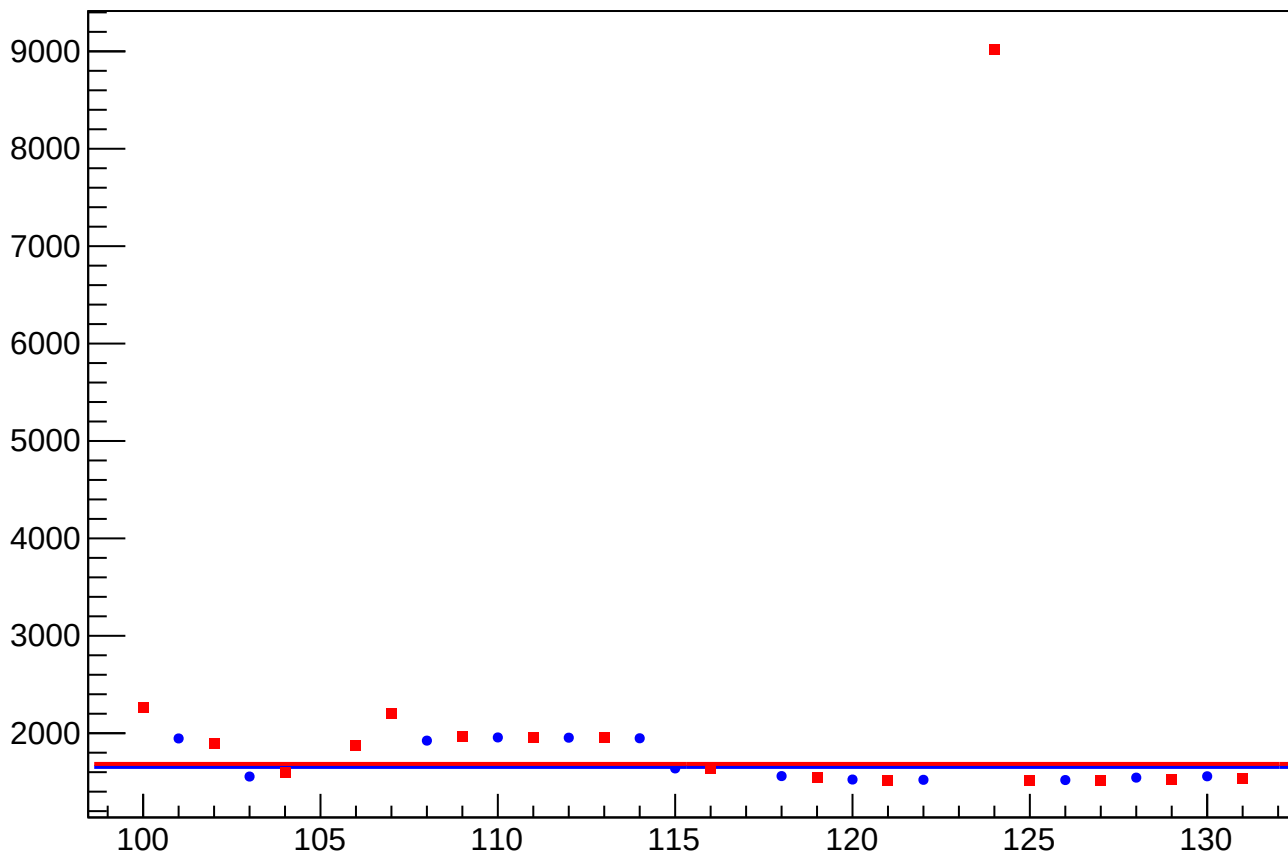
Right: -149.613 $\pm$ 493.619 χ^2 /NDF: 28.9/28

In: 148.908 $\pm$ 708.619 χ^2 /NDF:11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -149.613 $\pm$ 493.619 χ^2 /NDF: 28.9/28

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.745+/-0.484 χ^2/NDF : 381329.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

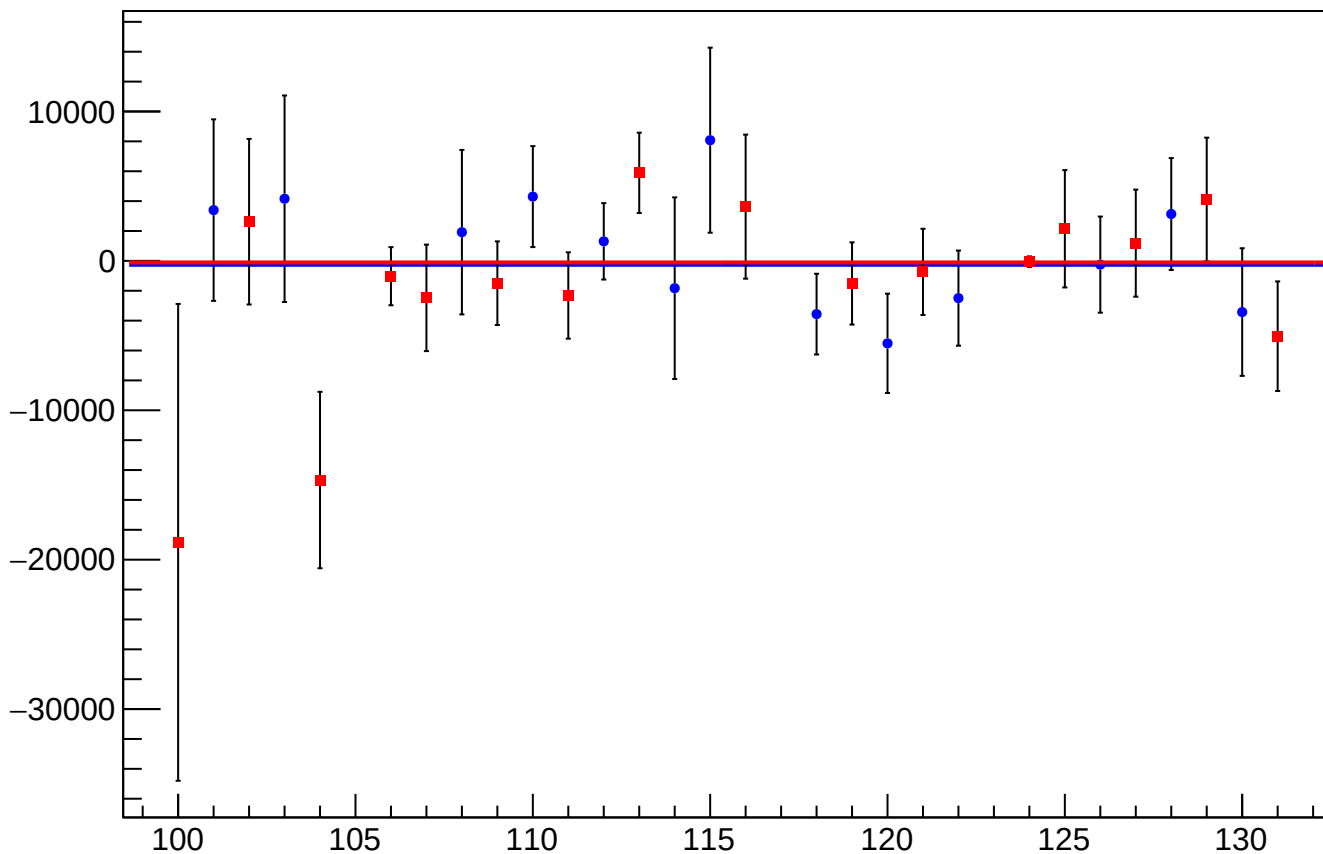
Right: 1670.014+/-0.348 χ^2/NDF : 510632.8/28

In: 1654.217+/-0.501 χ^2/NDF : 127382.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.014+/-0.348 χ^2/NDF : 510632.8/28

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -261.062 $\pm$ 1040.569 χ^2 /NDF: 10.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -103.156 $\pm$ 325.178 χ^2 /NDF: 18.4/15

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

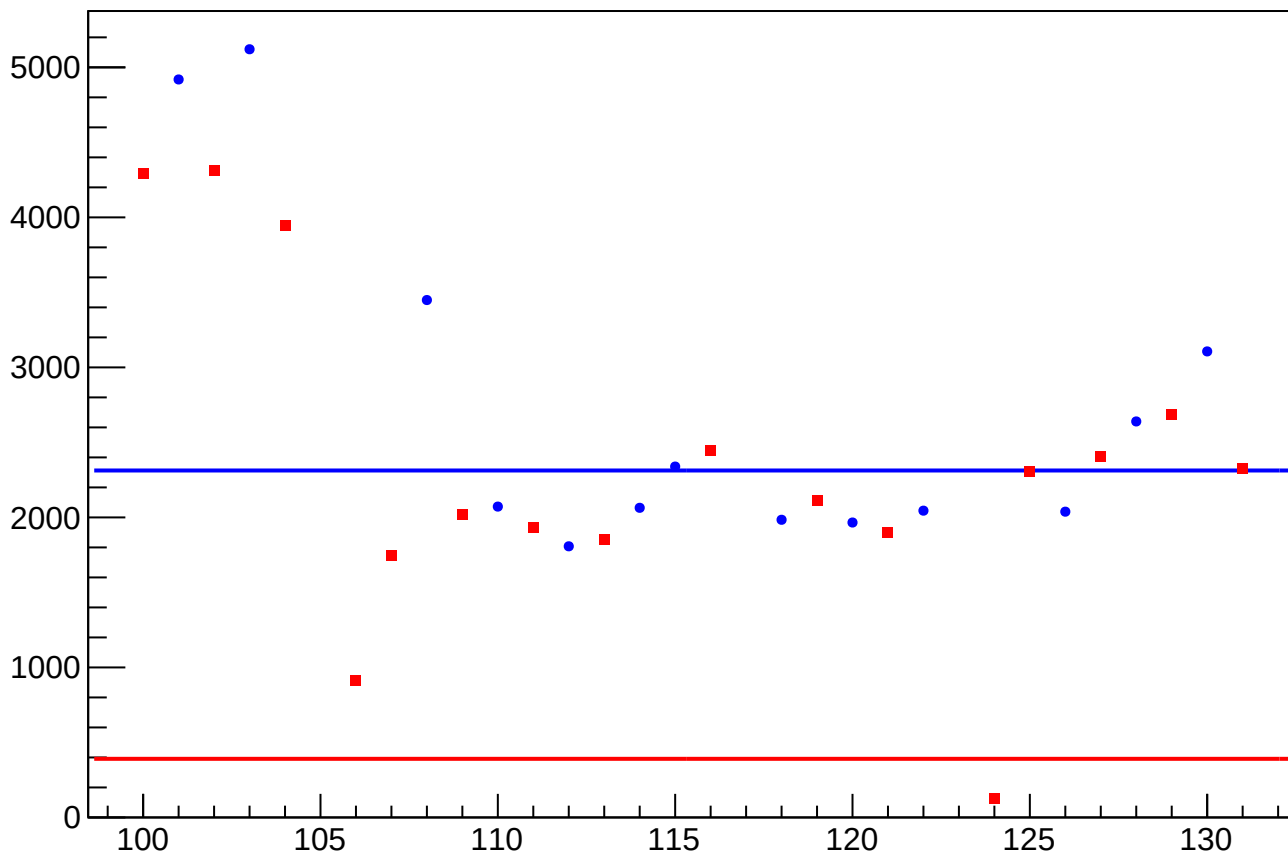
Right: -117.204 $\pm$ 310.376 χ^2 /NDF: 29.3/28

In: -261.062 $\pm$ 1040.569 χ^2 /NDF:10.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -117.204 $\pm$ 310.376 χ^2 /NDF: 29.3/28

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2312.797+/-0.736 χ^2/NDF : 1039509.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 390.834+/-0.230 χ^2/NDF : 9224942.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

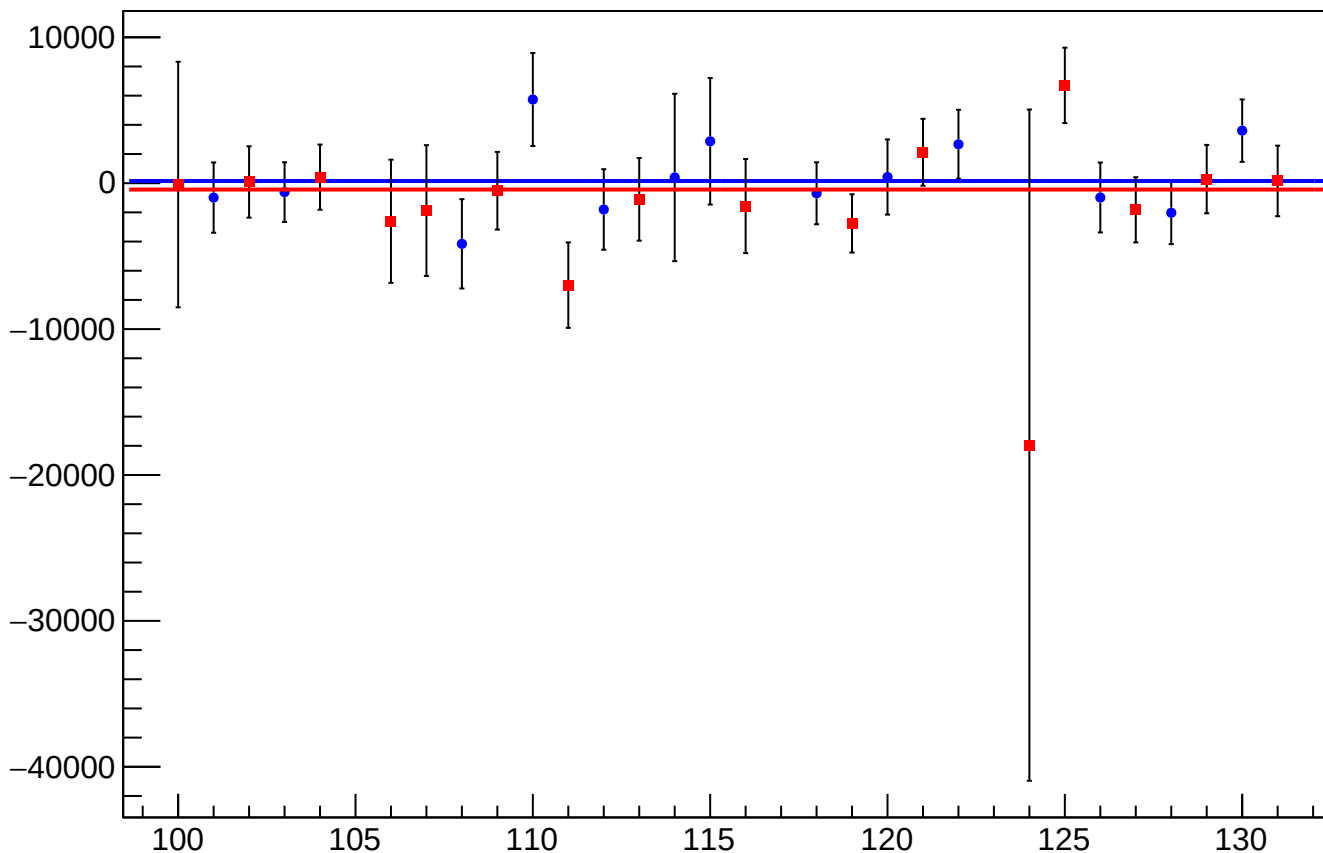
Right: 561.827+/-0.219 χ^2/NDF : 16480463.8/28

In: 2312.797+/-0.736 χ^2/NDF :1039509.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 561.827+/-0.219 χ^2/NDF : 16480463.8/28

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -436.038+/-688.012 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

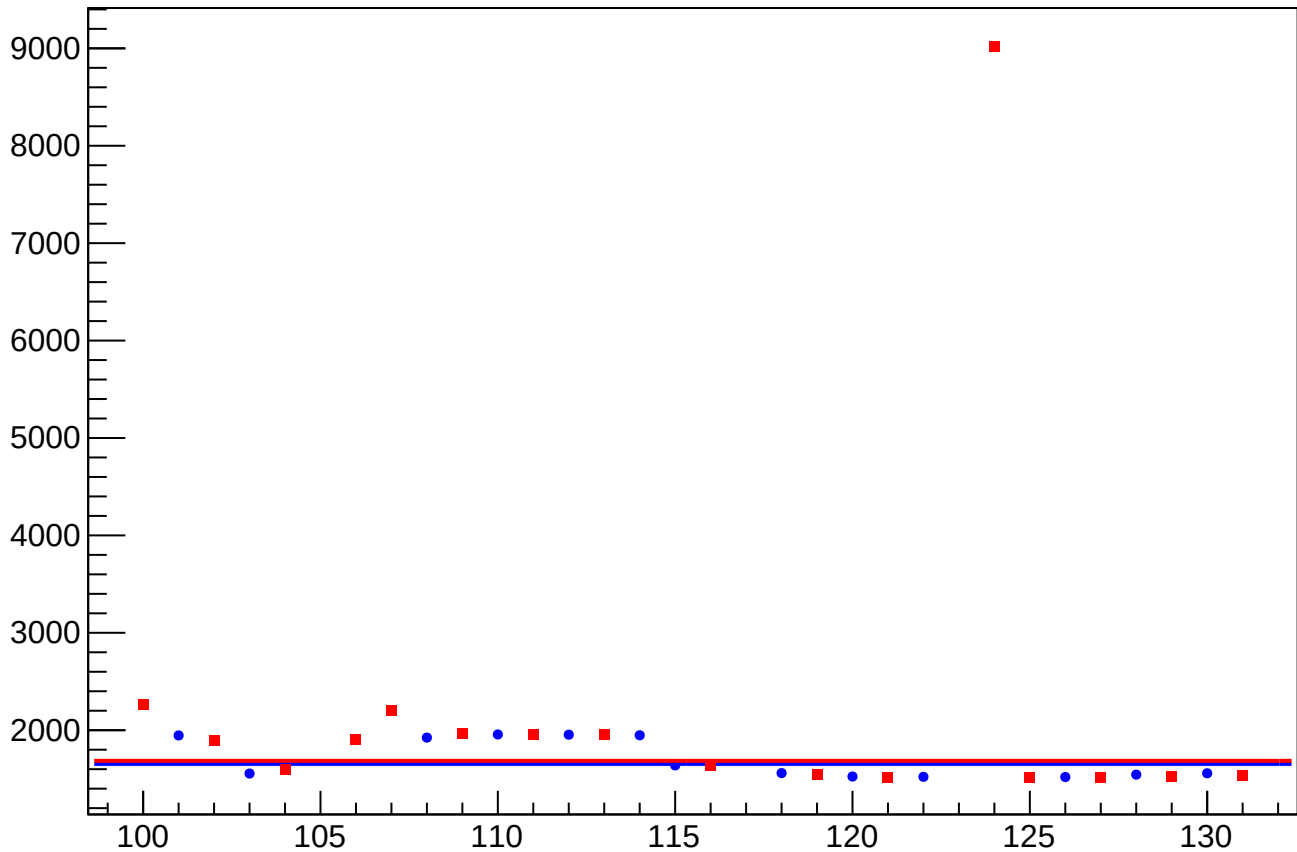
Right: -152.257+/-493.622 χ^2/NDF : 28.9/28

In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.257+/-493.622 χ^2/NDF : 28.9/28

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1685.666+/-0.484 χ^2/NDF : 383173.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

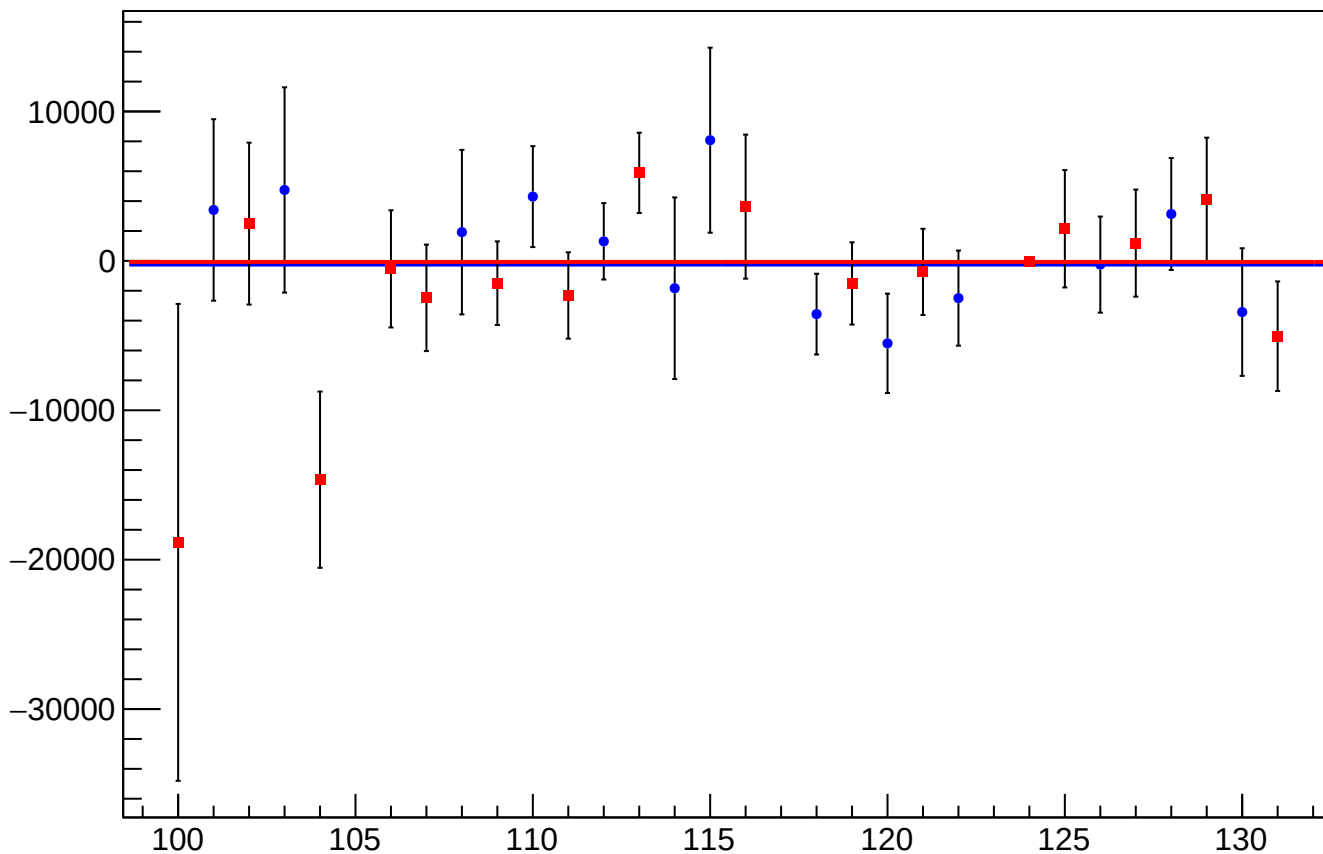
Right: 1670.482+/-0.348 χ^2/NDF : 512593.5/28

In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.482+/-0.348 χ^2/NDF : 512593.5/28

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -246.181 $\pm$ 1040.418 χ^2 /NDF: 11.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -70.623 $\pm$ 317.115 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

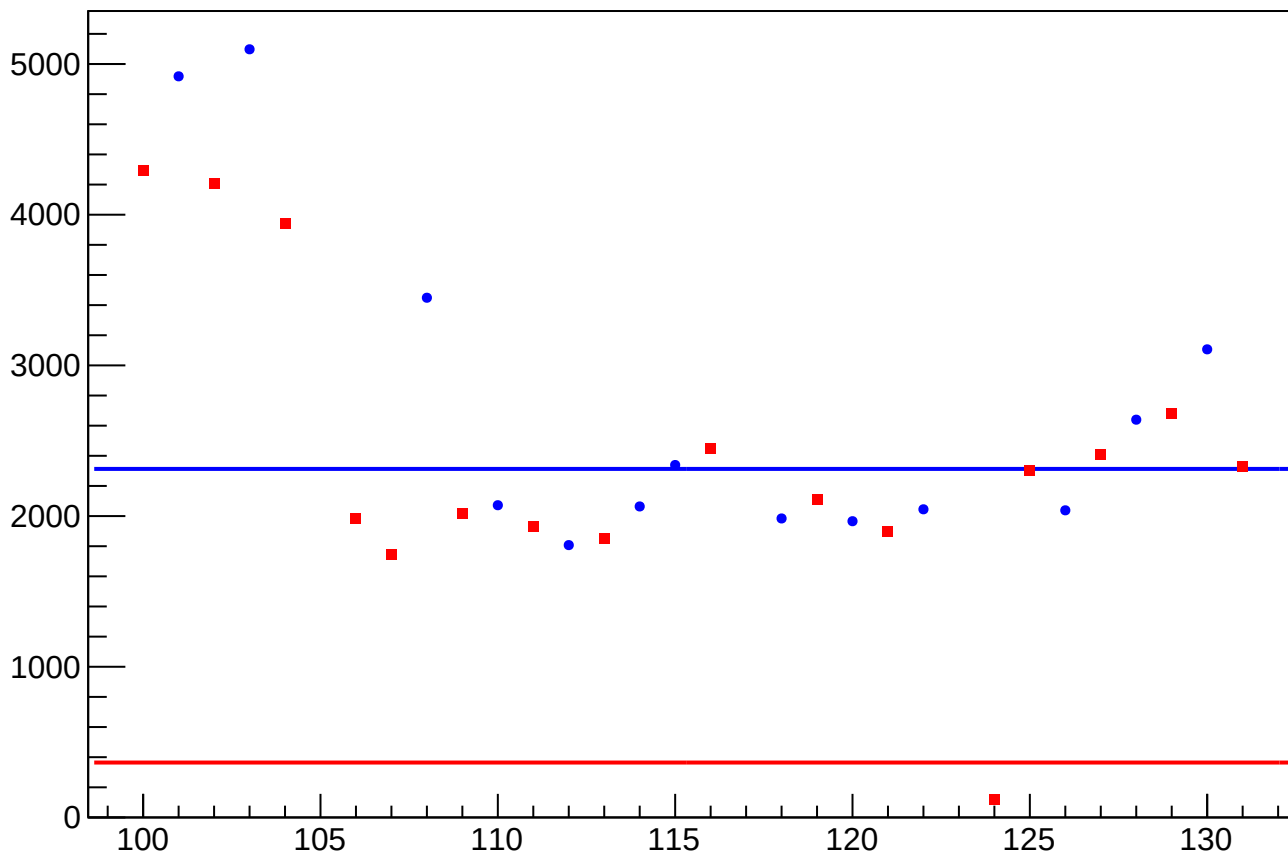
Right: -85.546 $\pm$ 303.337 χ^2 /NDF: 29.2/28

In: -246.181 $\pm$ 1040.418 χ^2 /NDF: 11.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.546 $\pm$ 303.337 χ^2 /NDF: 29.2/28

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.412+/-0.224 χ^2/NDF : 9538593.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

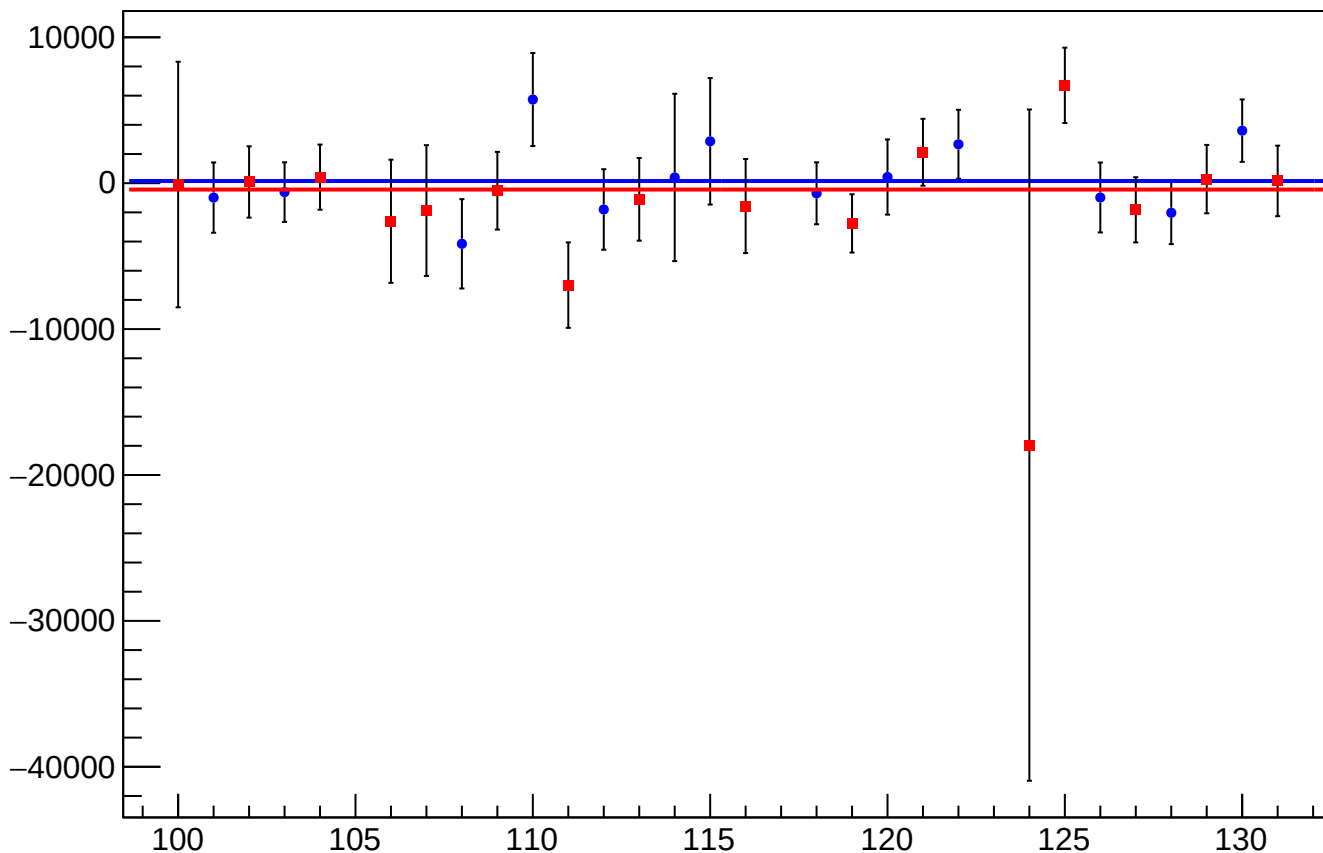
Right: 530.051+/-0.214 χ^2/NDF : 16995752.9/28

In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.051+/-0.214 χ^2/NDF : 16995752.9/28

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -436.038+/-688.012 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

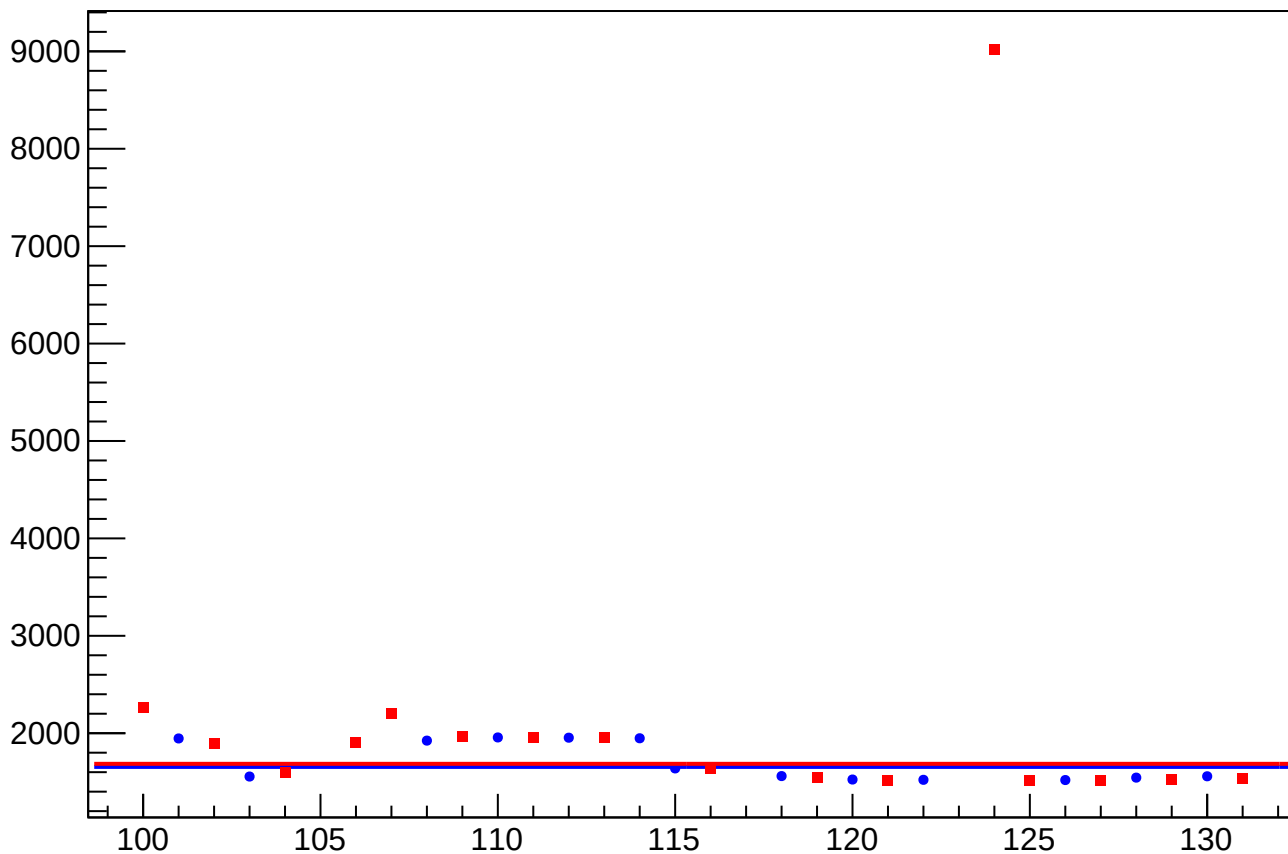
Right: -152.257+/-493.622 χ^2/NDF : 28.9/28

In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.257+/-493.622 χ^2/NDF : 28.9/28

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1685.666+/-0.484 χ^2/NDF : 383173.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

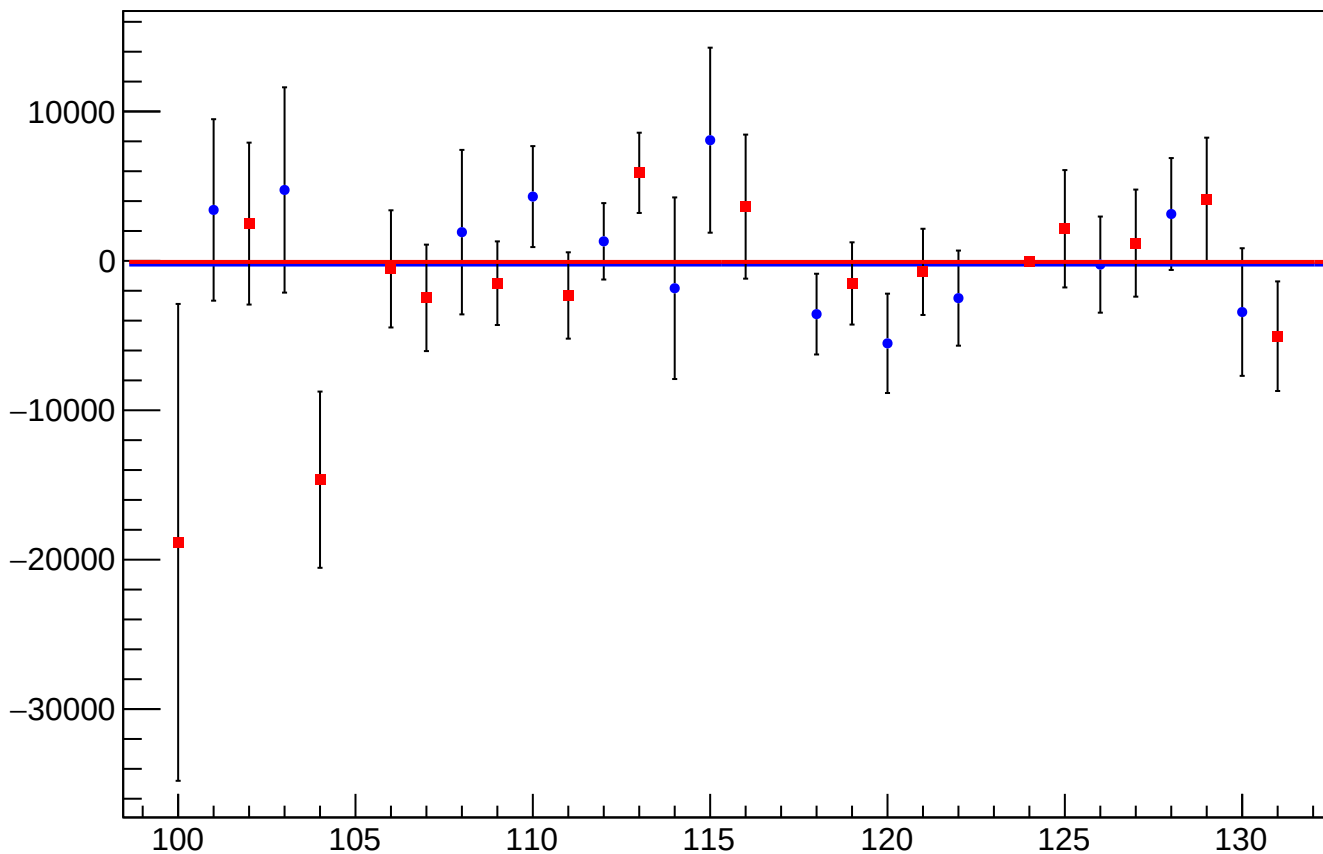
Right: 1670.482+/-0.348 χ^2/NDF : 512593.5/28

In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.482+/-0.348 χ^2/NDF : 512593.5/28

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -246.181 $\pm$ 1040.418 χ^2 /NDF: 11.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -70.623 $\pm$ 317.115 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

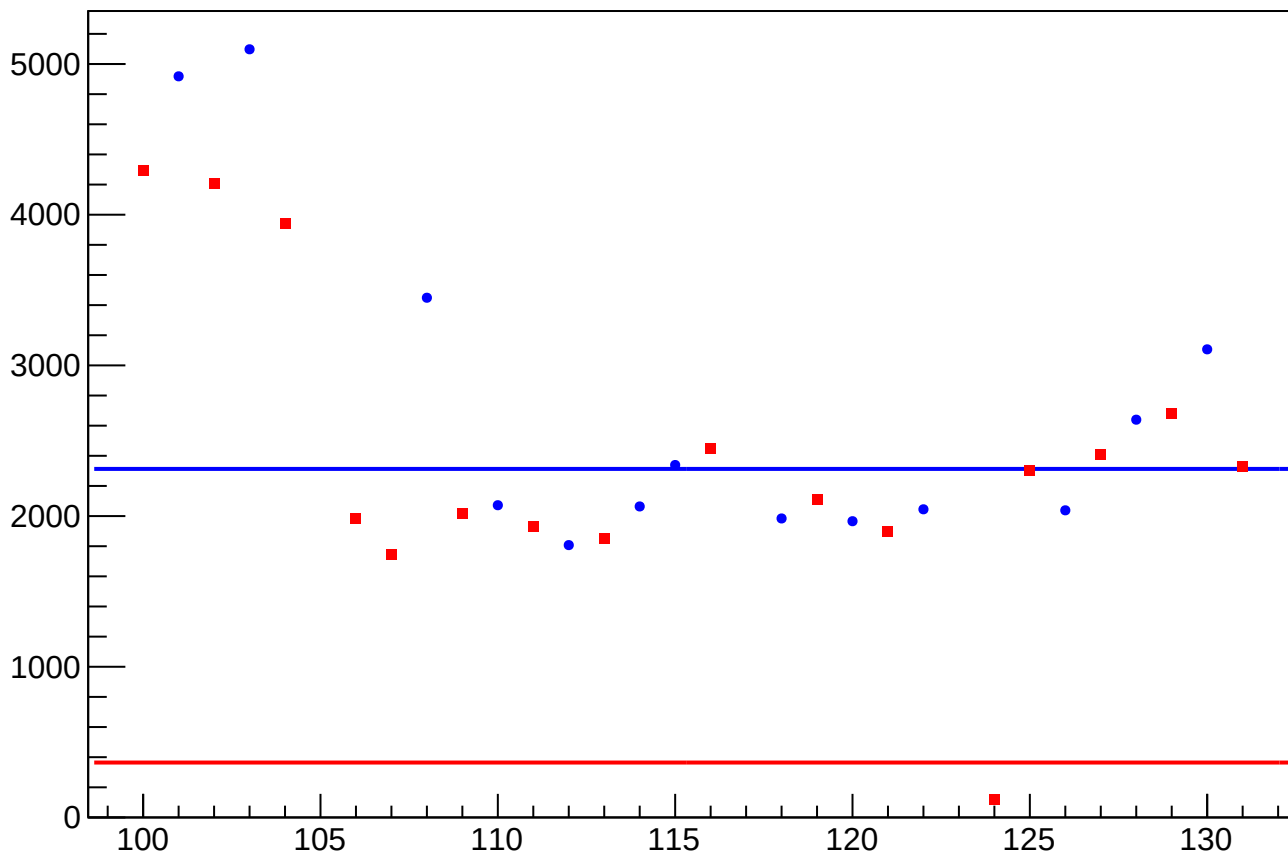
Right: -85.546 $\pm$ 303.337 χ^2 /NDF: 29.2/28

In: -246.181 $\pm$ 1040.418 χ^2 /NDF: 11.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.546 $\pm$ 303.337 χ^2 /NDF: 29.2/28

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.412+/-0.224 χ^2/NDF : 9538593.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

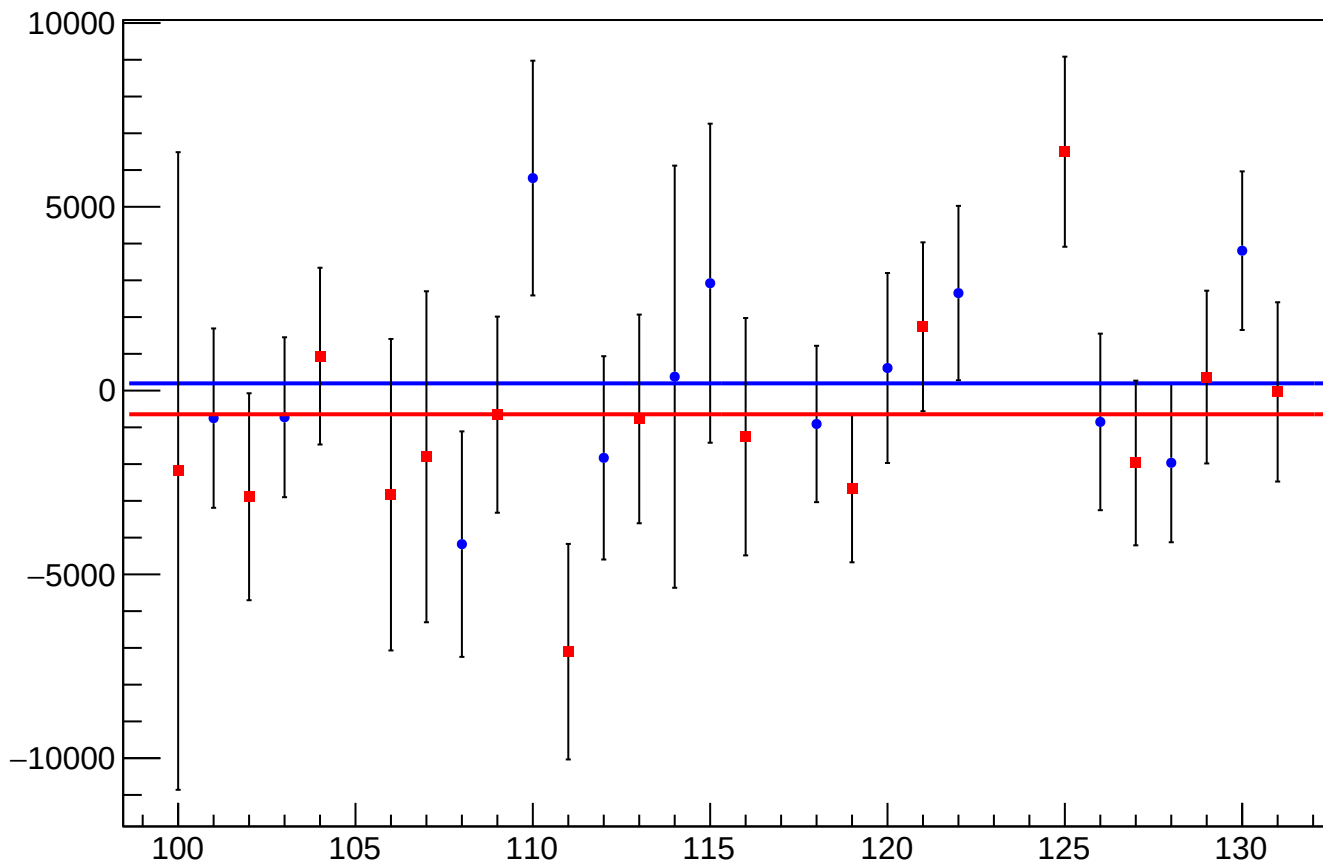
Right: 530.051+/-0.214 χ^2/NDF : 16995752.9/28

In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.051+/-0.214 χ^2/NDF : 16995752.9/28

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 196.629+/-716.336 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -644.152+/-701.674 χ^2/NDF : 16.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

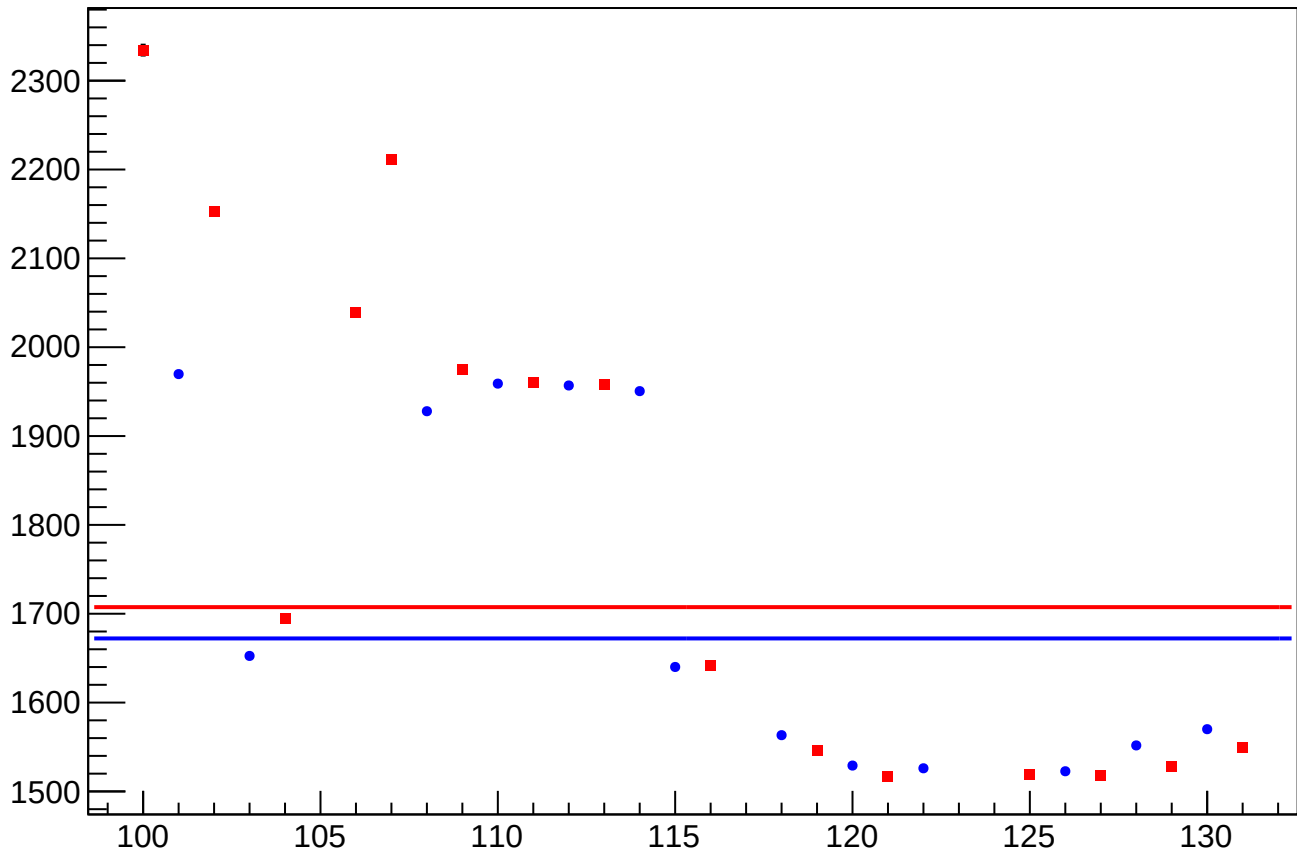
Right: -232.454+/-501.262 χ^2/NDF : 29.1/27

In: 196.629+/-716.336 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.454+/-501.262 χ^2/NDF : 29.1/27

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1672.192+/-0.507 χ^2/NDF : 123369.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.426+/-0.495 χ^2/NDF : 223210.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

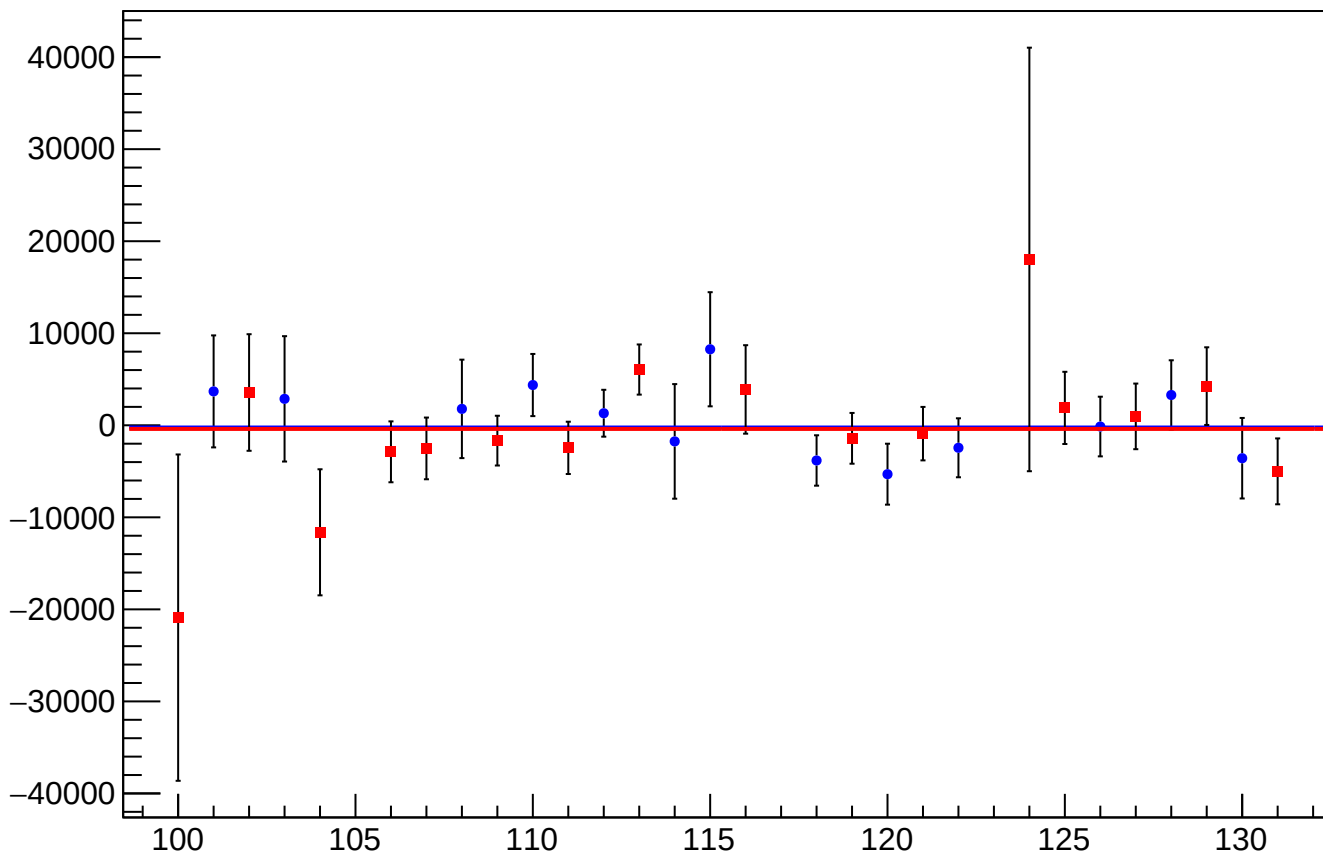
Right: 1690.221+/-0.354 χ^2/NDF : 349055.4/27

In: 1672.192+/-0.507 χ^2/NDF : 123369.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.221+/-0.354 χ^2/NDF : 349055.4/27

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -242.758+/-1044.280 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.903+/-913.555 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

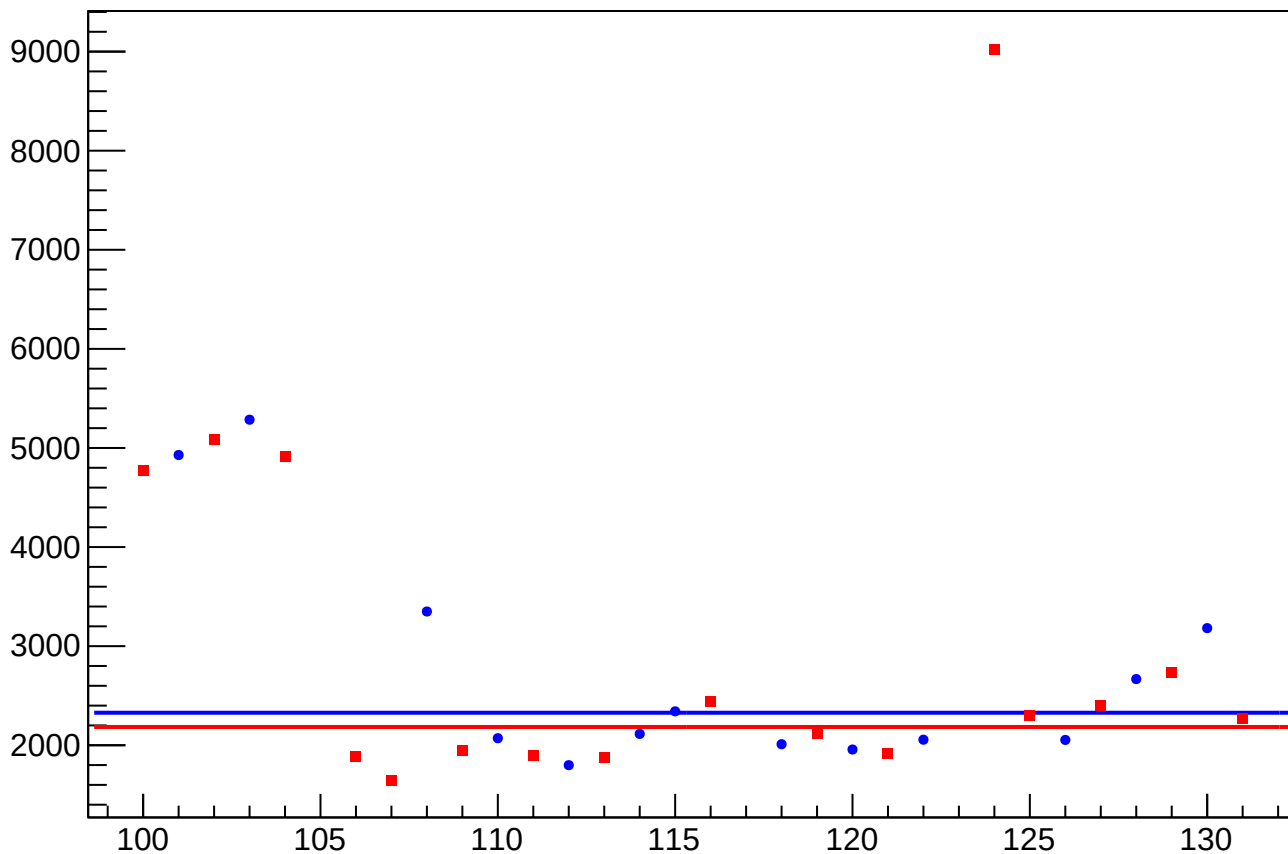
Right: -328.944+/-687.582 χ^2/NDF : 27.6/28

In: -242.758+/-1044.280 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.944+/-687.582 χ^2/NDF : 27.6/28

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2328.156+/-0.738 χ^2/NDF : 1089002.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.286+/-0.646 χ^2/NDF : 1155581.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

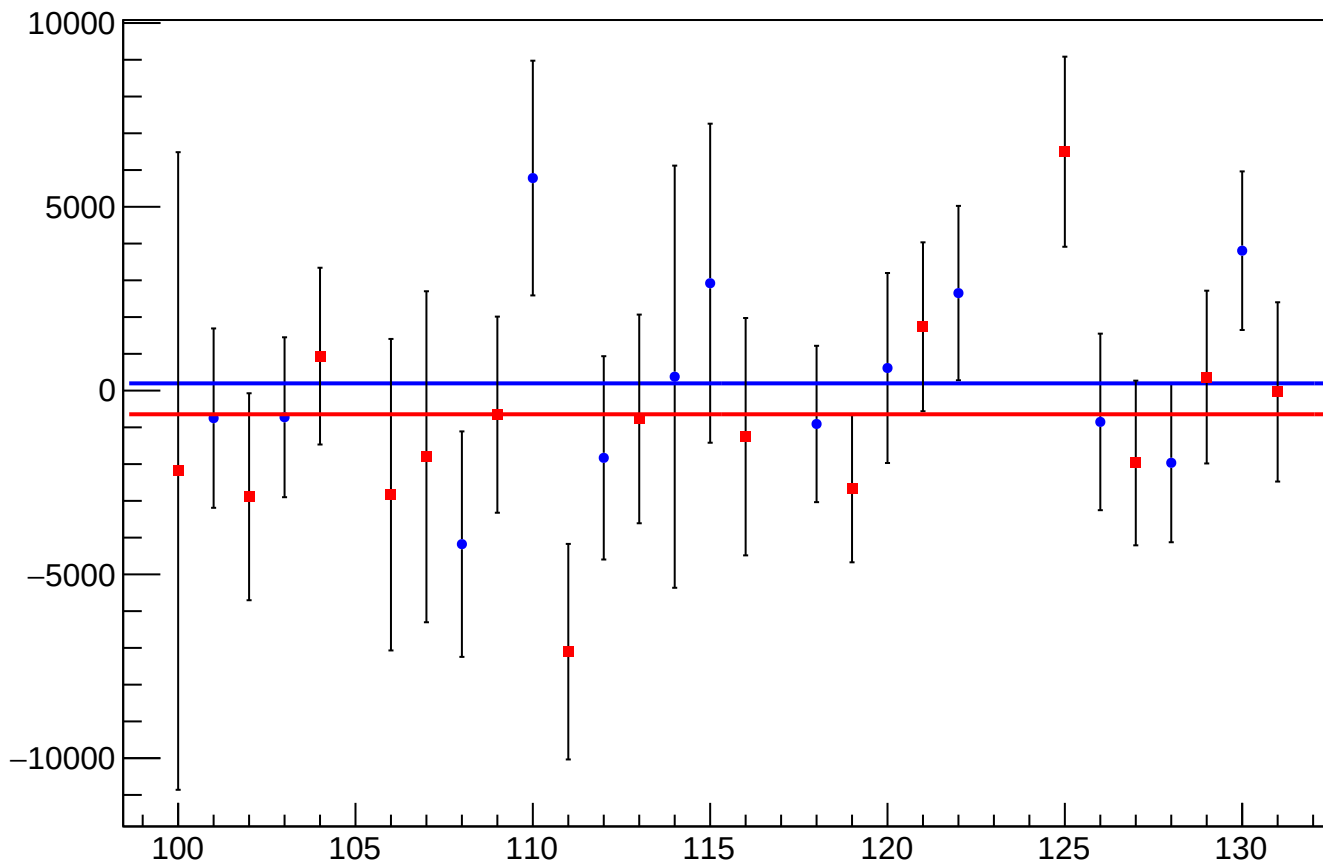
Right: 2246.658+/-0.486 χ^2/NDF : 2266088.4/28

In: 2328.156+/-0.738 χ^2/NDF : 1089002.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2246.658+/-0.486 χ^2/NDF : 2266088.4/28

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 196.624 $\pm$ 716.336 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -644.157 $\pm$ 701.674 χ^2 /NDF: 16.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

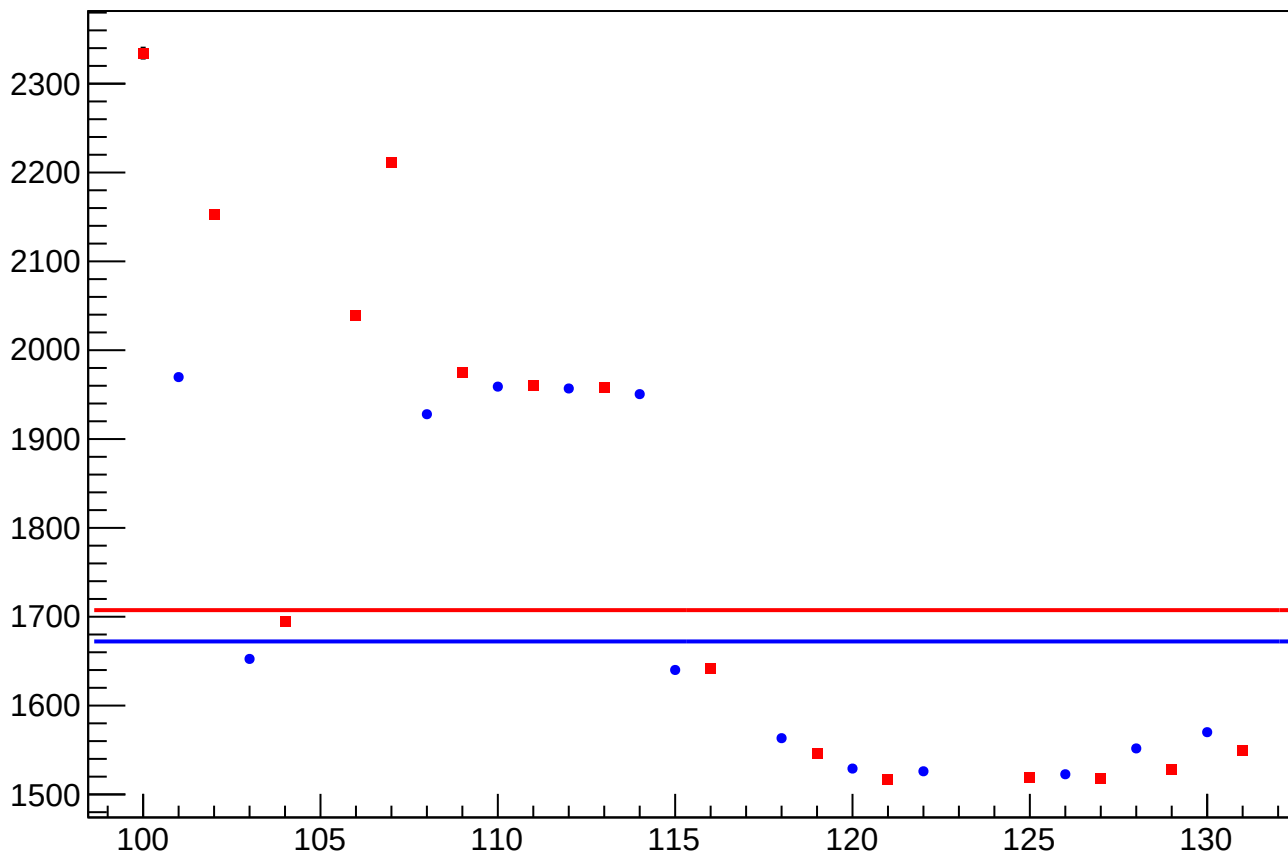
Right: -232.459 $\pm$ 501.262 χ^2 /NDF: 29.1/27

In: 196.624 $\pm$ 716.336 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -232.459 $\pm$ 501.262 χ^2 /NDF: 29.1/27

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1672.191+/-0.507 χ^2/NDF : 123369.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.426+/-0.495 χ^2/NDF : 223209.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

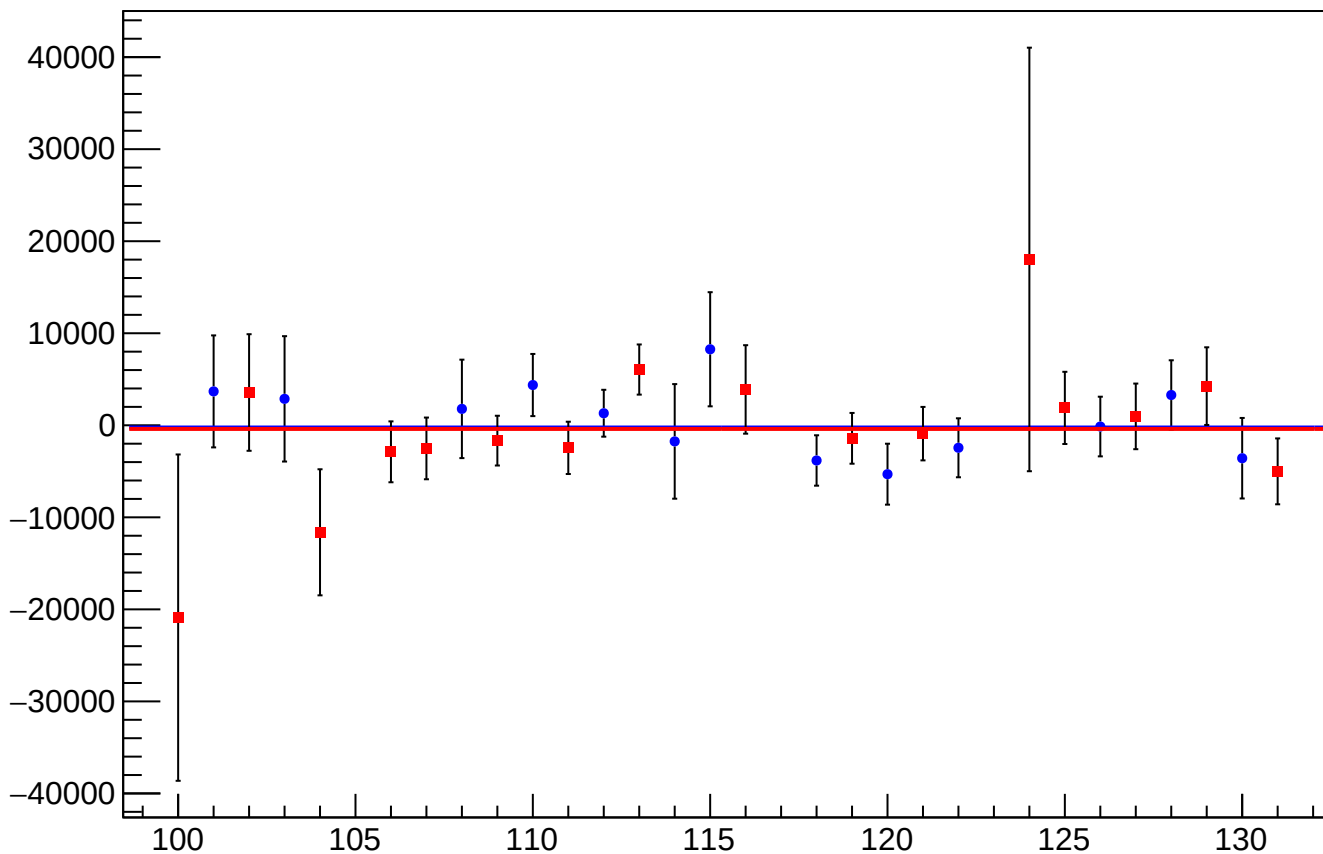
Right: 1690.221+/-0.354 χ^2/NDF : 349054.6/27

In: 1672.191+/-0.507 χ^2/NDF : 123369.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.221+/-0.354 χ^2/NDF : 349054.6/27

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -242.761+/-1044.275 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.906+/-913.552 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

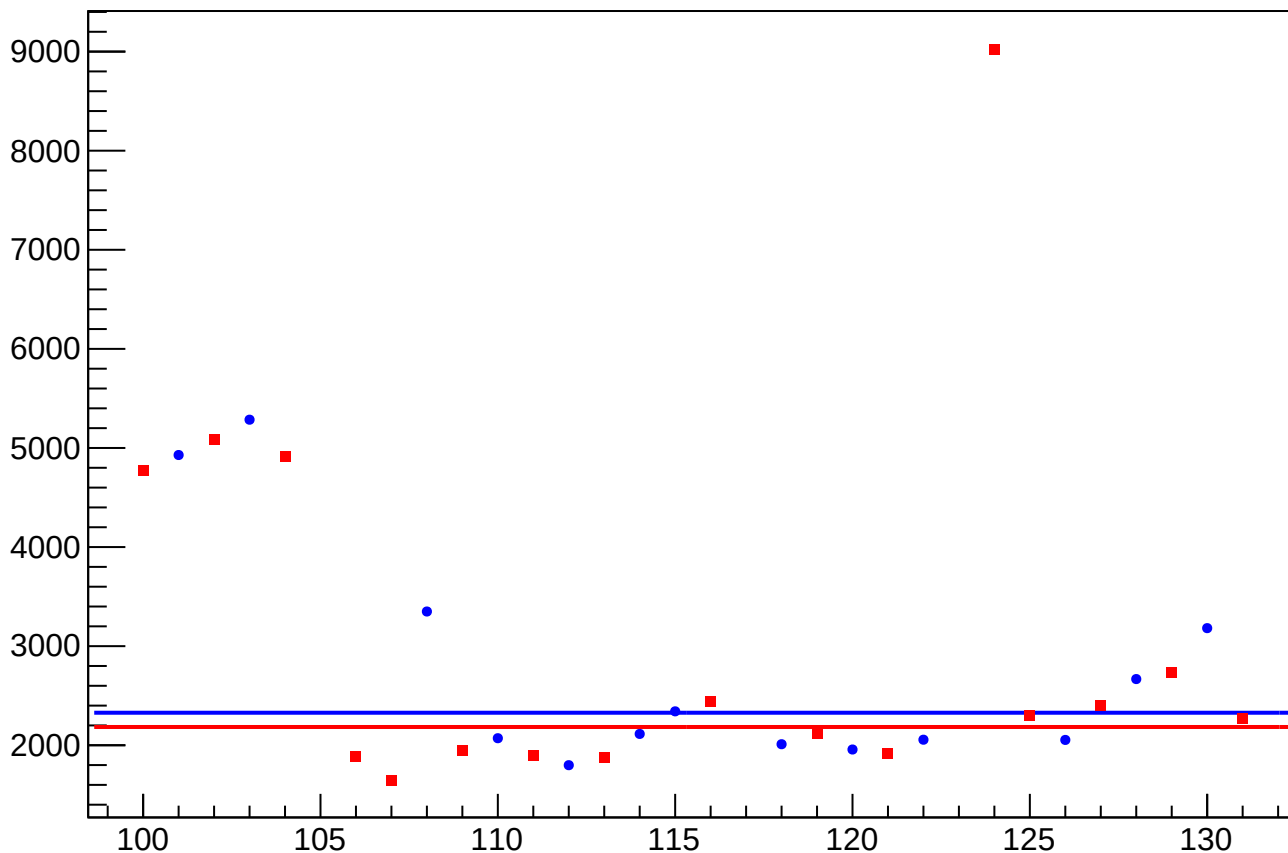
Right: -328.947+/-687.579 χ^2/NDF : 27.6/28

In: -242.761+/-1044.275 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.947+/-687.579 χ^2/NDF : 27.6/28

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2328.145+/-0.738 χ^2/NDF : 1089009.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.278+/-0.646 χ^2/NDF : 1155586.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

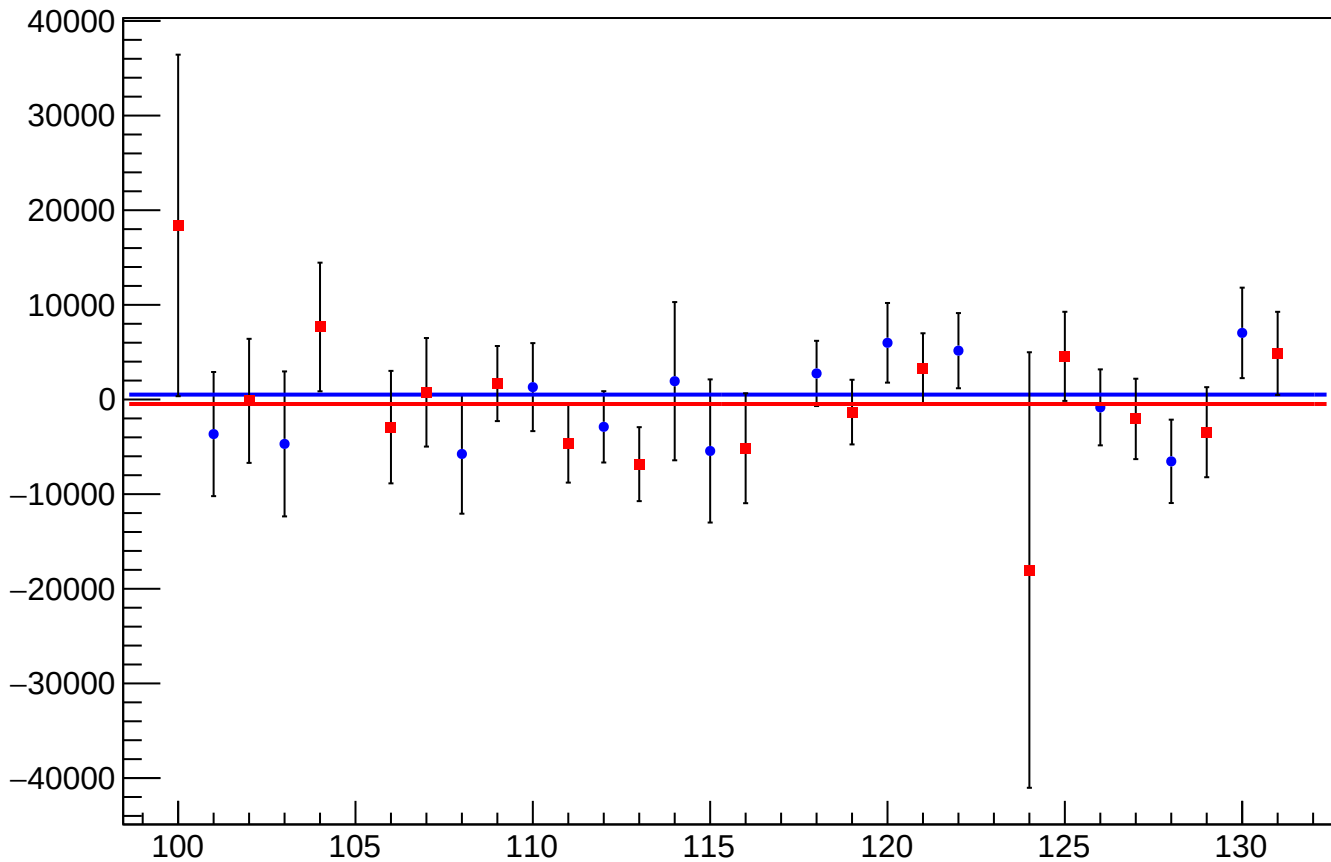
Right: 2246.648+/-0.486 χ^2/NDF : 2266099.2/28

In: 2328.145+/-0.738 χ^2/NDF : 1089009.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2246.648+/-0.486 χ^2/NDF : 2266099.2/28

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 516.476+/-1318.401 χ^2 /NDF: 11.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -476.080+/-1211.163 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

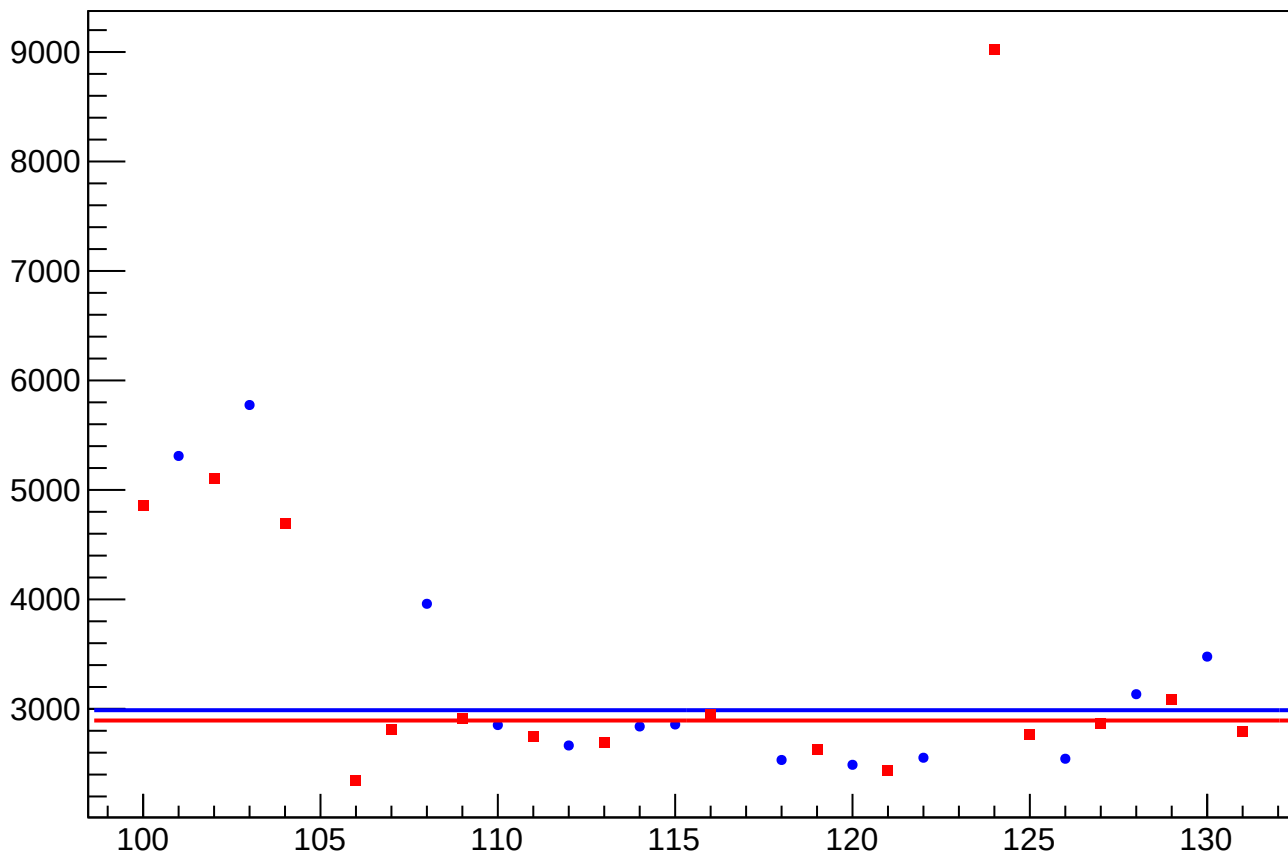
Right: -21.805+/-891.928 χ^2 /NDF: 23.9/28

In: 516.476+/-1318.401 χ^2 /NDF:11.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -21.805+/-891.928 χ^2 /NDF: 23.9/28

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2987.980+/-0.932 χ^2/NDF : 715057.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2893.780+/-0.844 χ^2/NDF : 620053.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

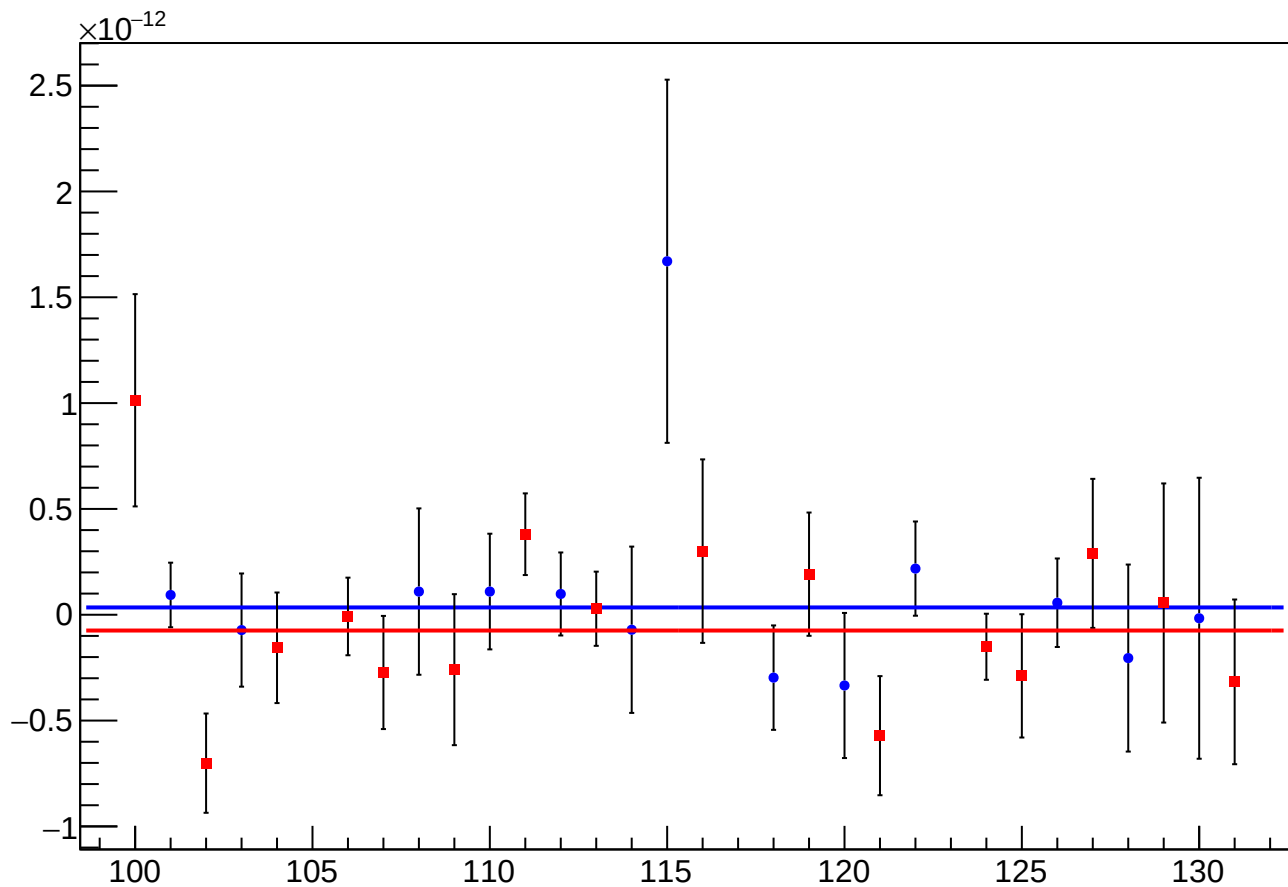
Right: 2936.195+/-0.626 χ^2/NDF : 1340724.2/28

In: 2987.980+/-0.932 χ^2/NDF : 715057.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2936.195+/-0.626 χ^2/NDF : 1340724.2/28

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 25.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

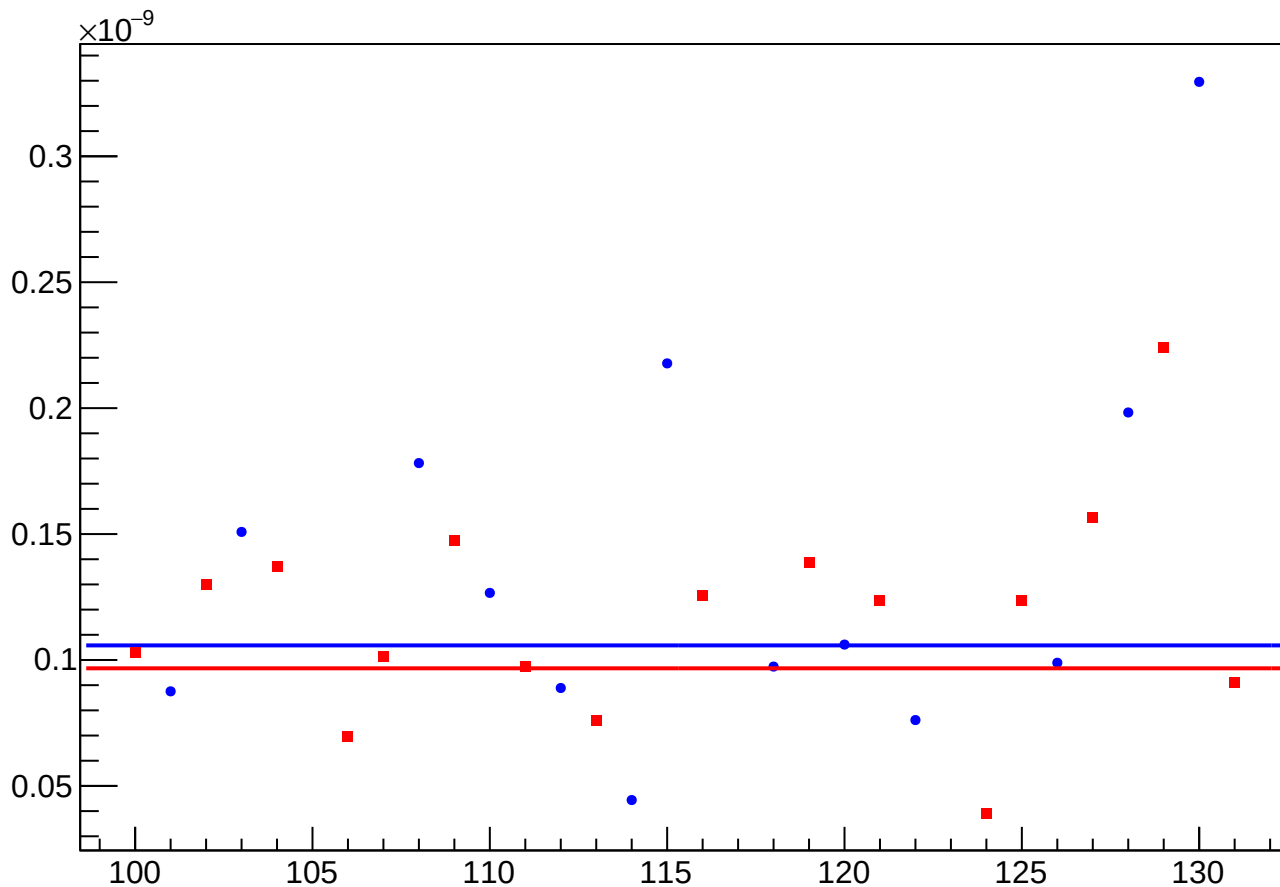
Right: -0.000 ± 0.000 χ^2/NDF : 35.3/28

In: 0.000 ± 0.000 χ^2/NDF : 8.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 35.3/28

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 617504.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 720827.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

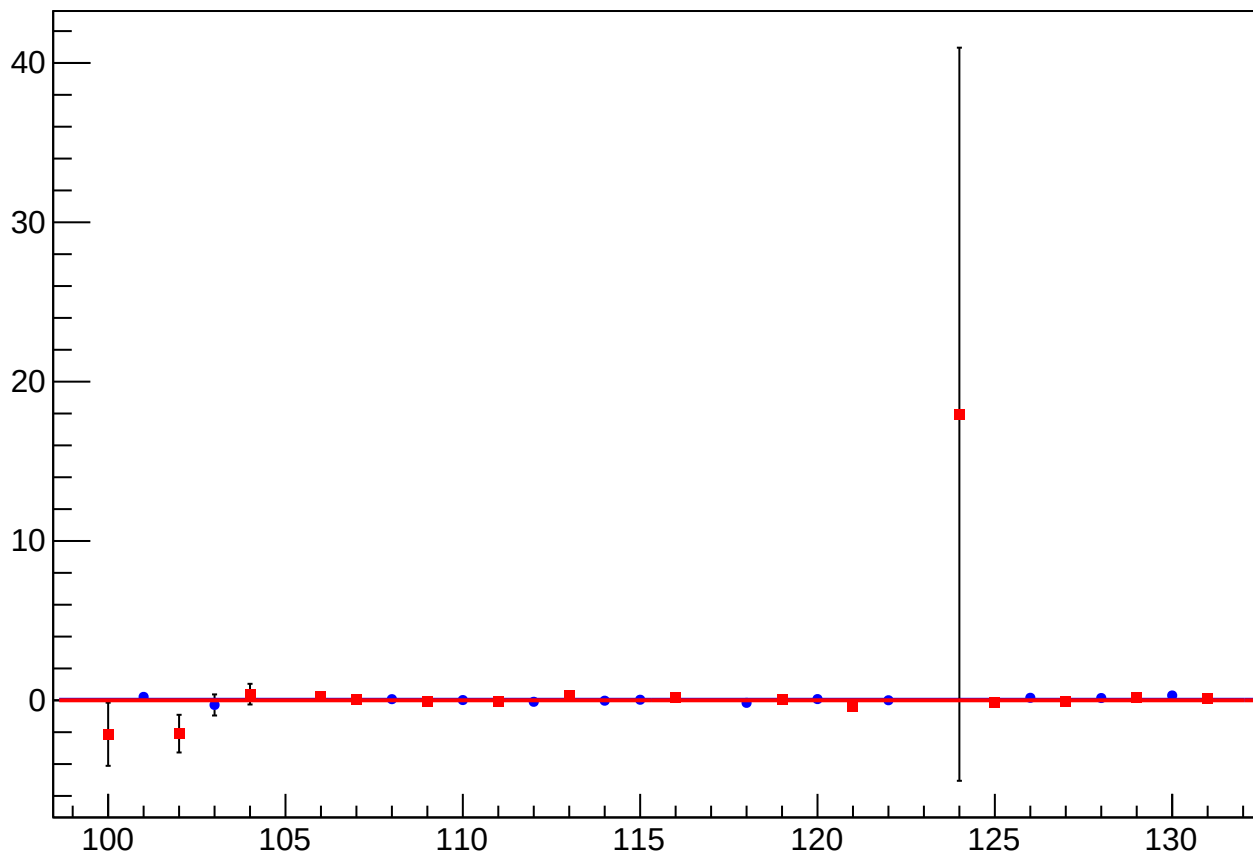
Right: 0.000+/-0.000 χ^2/NDF : 1355953.3/28

In: 0.000+/-0.000 χ^2/NDF : 617504.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1355953.3/28

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

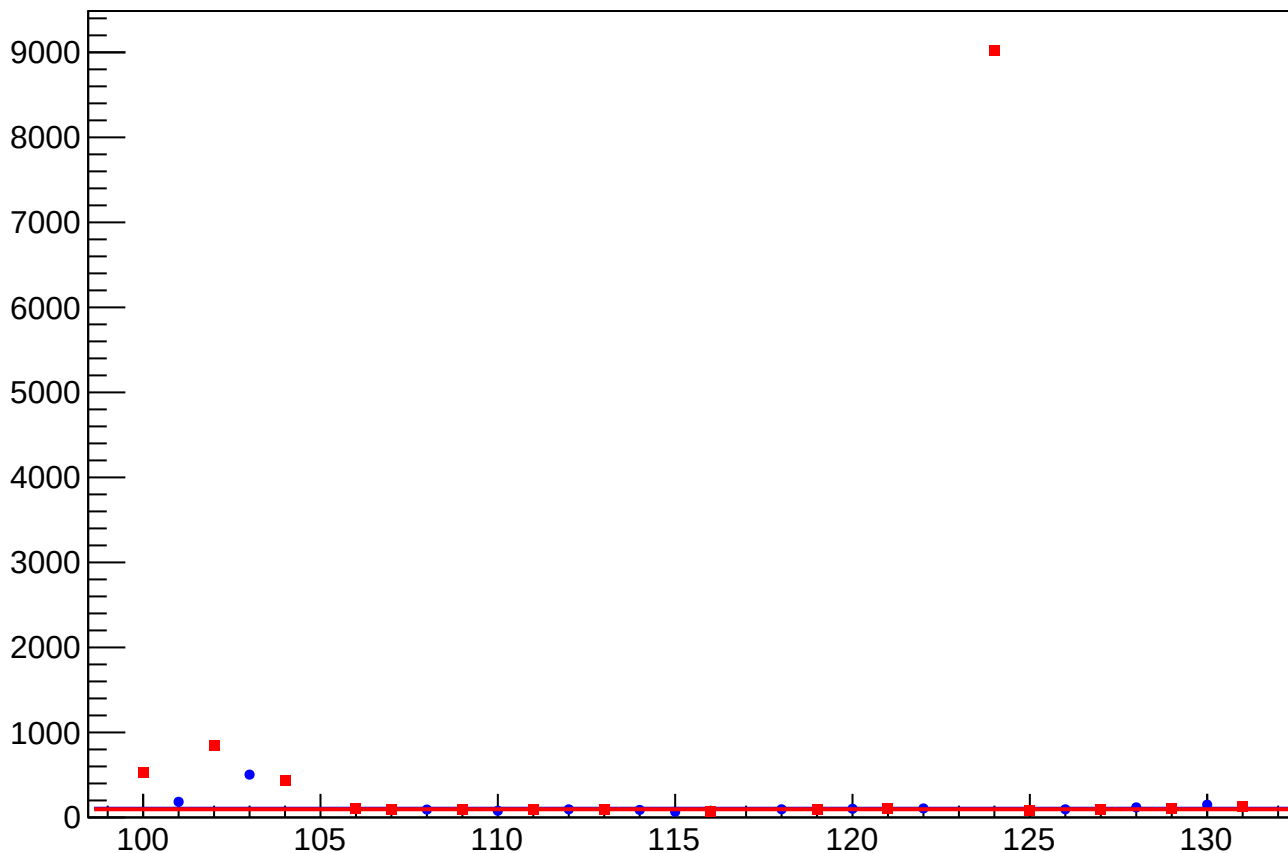
Right: 0.017+/-0.033 χ^2/NDF : 27.5/28

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.033 χ^2/NDF : 27.5/28

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.600 $\pm$ 0.034 χ^2 /NDF: 1253244.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.486 $\pm$ 0.031 χ^2 /NDF: 1864989.8/15

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

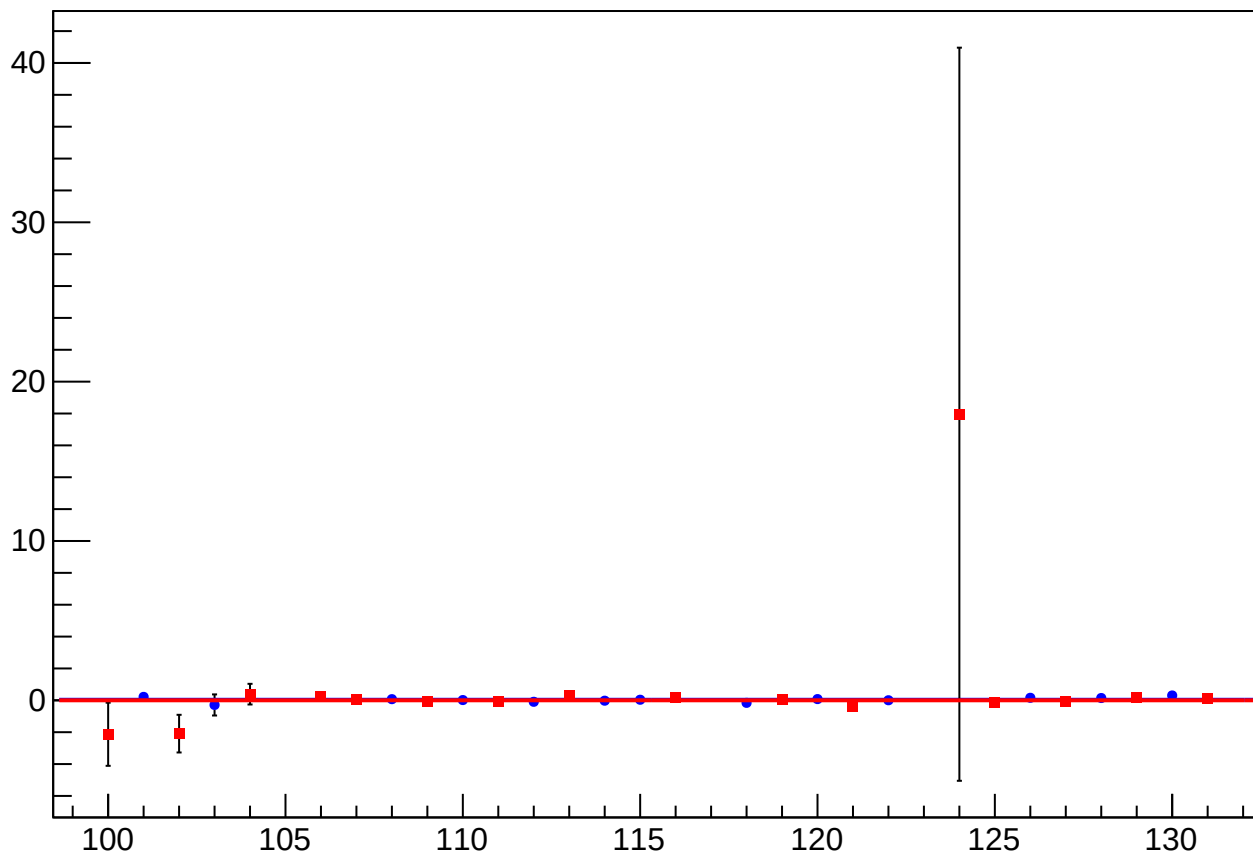
Right: 99.302 $\pm$ 0.023 χ^2 /NDF: 3135761.5/28

In: 102.600 $\pm$ 0.034 χ^2 /NDF:1253244.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.302 $\pm$ 0.023 χ^2 /NDF: 3135761.5/28

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

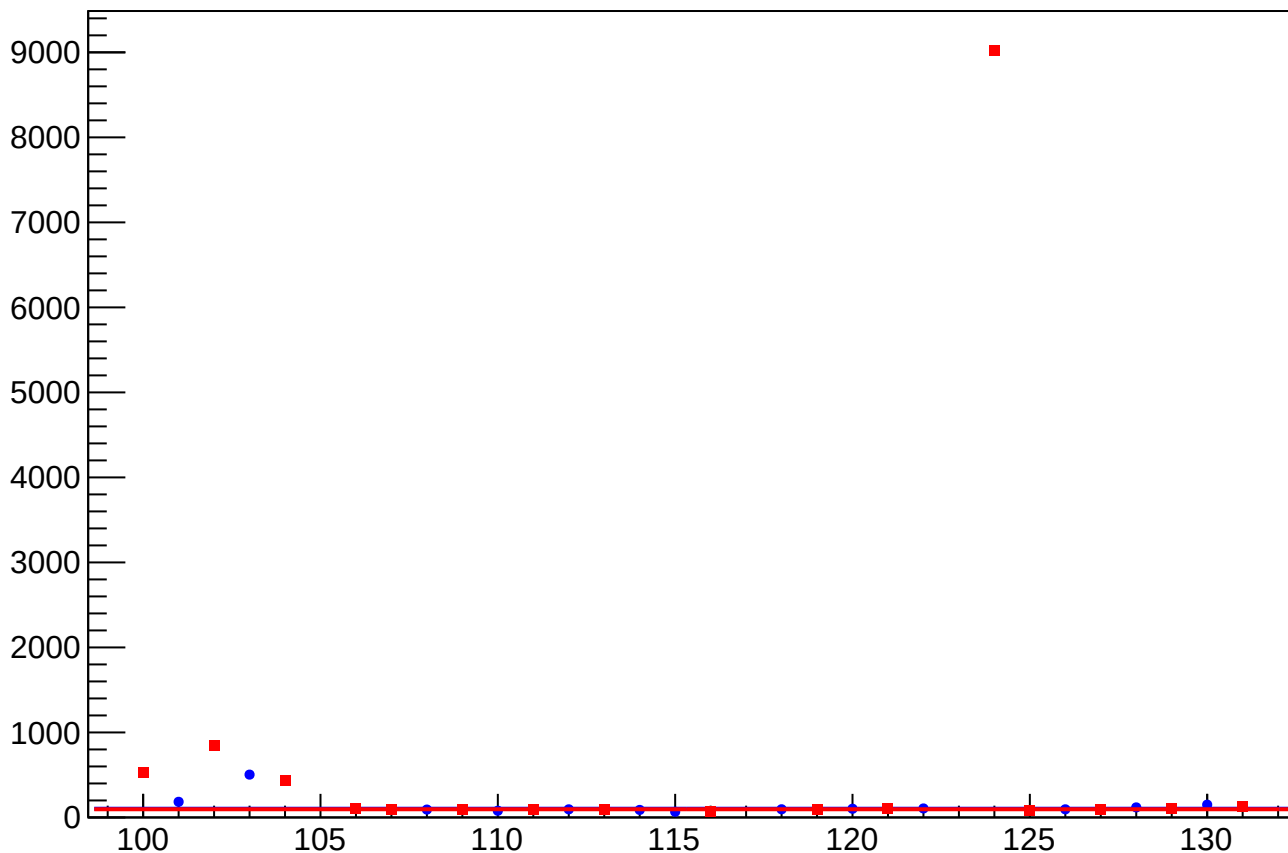
Right: 0.017+/-0.033 χ^2/NDF : 27.5/28

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.033 χ^2/NDF : 27.5/28

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.600 $\pm$ 0.034 χ^2 /NDF: 1253244.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.486 $\pm$ 0.031 χ^2 /NDF: 1864989.8/15

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

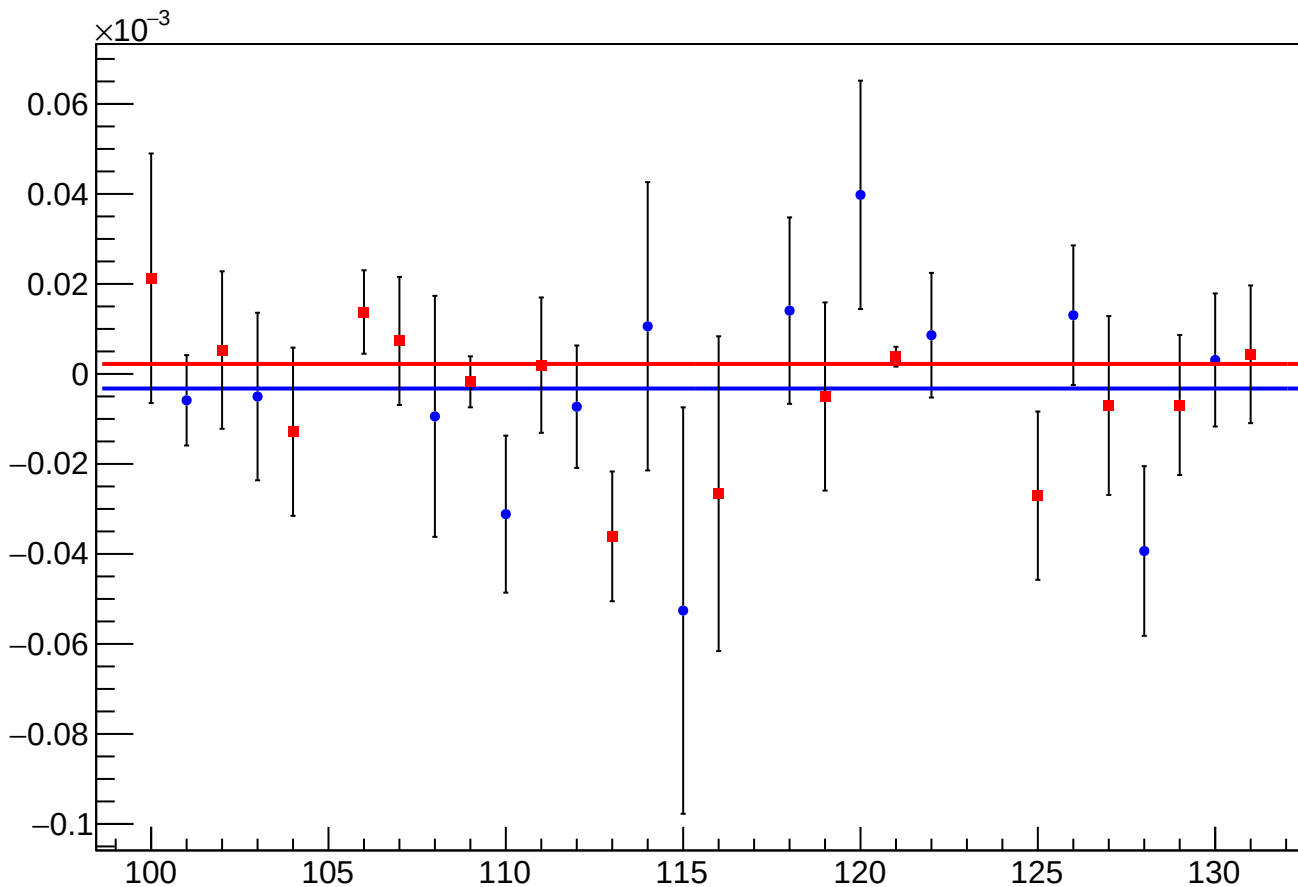
Right: 99.302 $\pm$ 0.023 χ^2 /NDF: 3135761.5/28

In: 102.600 $\pm$ 0.034 χ^2 /NDF:1253244.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.302 $\pm$ 0.023 χ^2 /NDF: 3135761.5/28

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

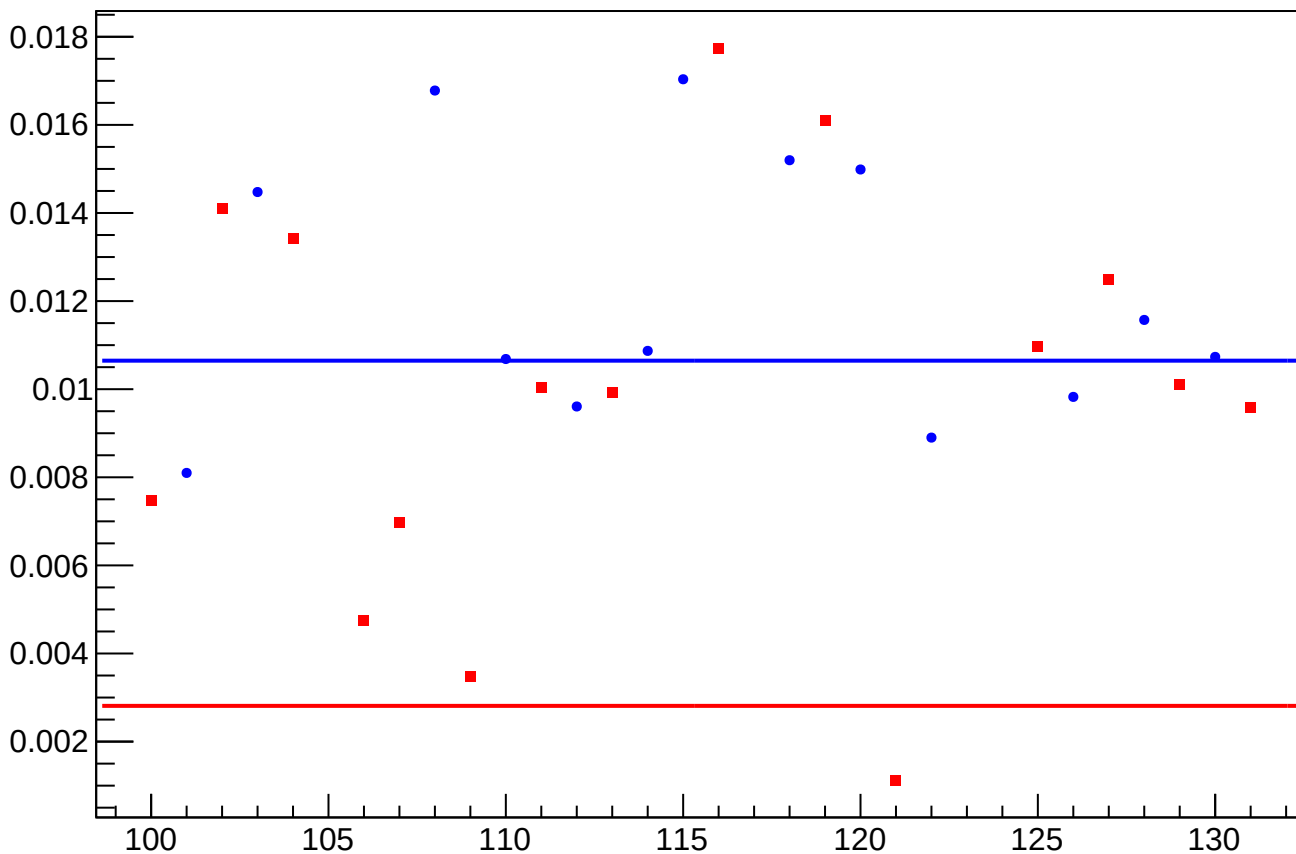
Right: 0.000+/-0.000 χ^2/NDF : 29.3/27

In: -0.000+/-0.000 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/27

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 567450.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6825806.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

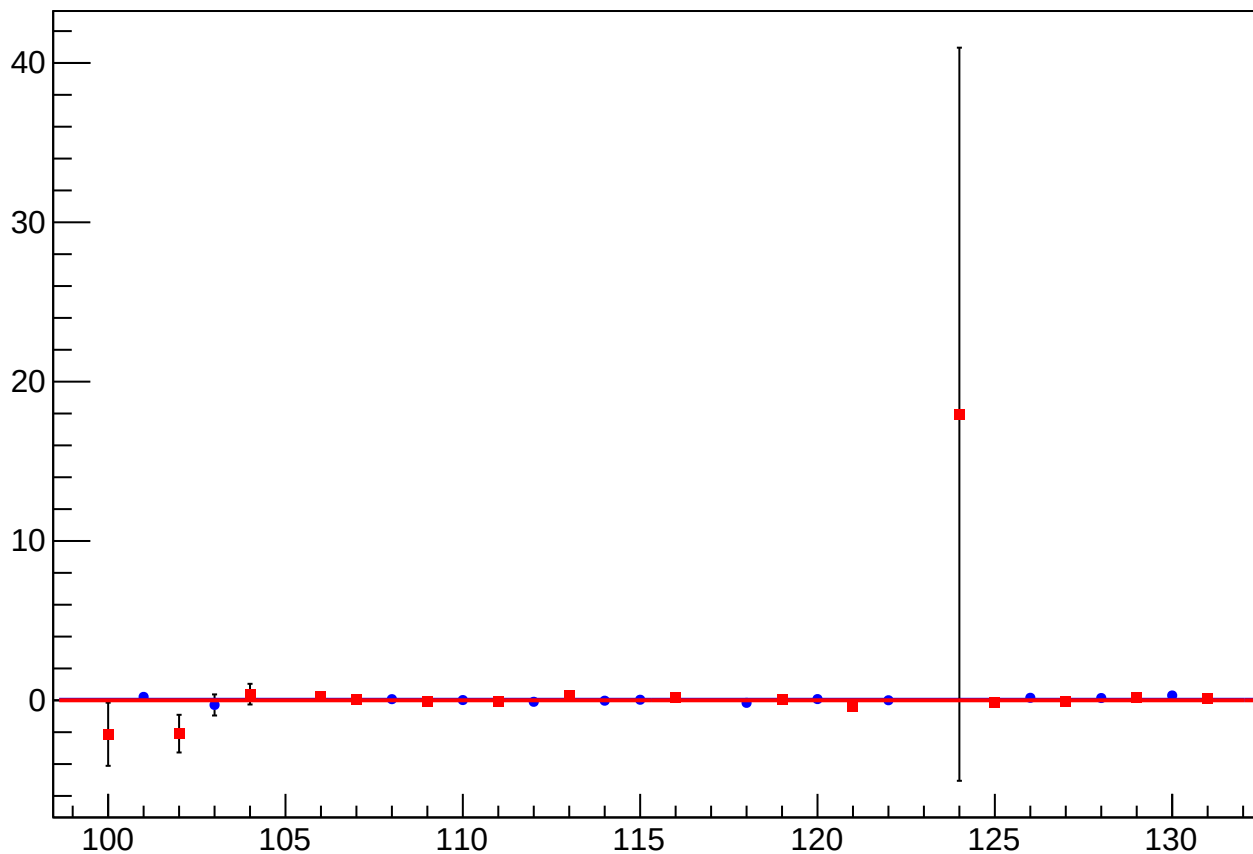
Right: 0.004+/-0.000 χ^2/NDF : 12174471.9/27

In: 0.011+/-0.000 χ^2/NDF :567450.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 12174471.9/27

asym_atl_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

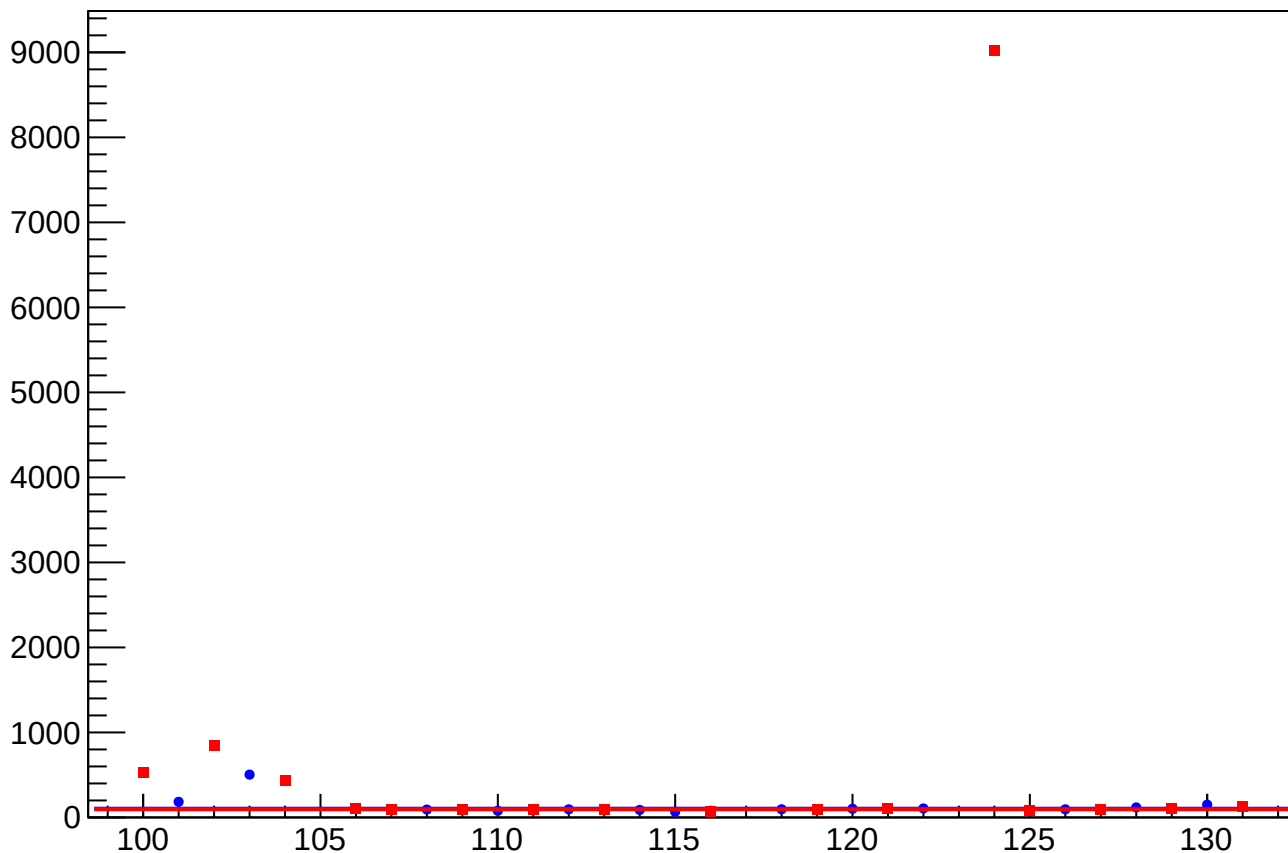
Right: 0.017+/-0.033 χ^2/NDF : 27.5/28

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

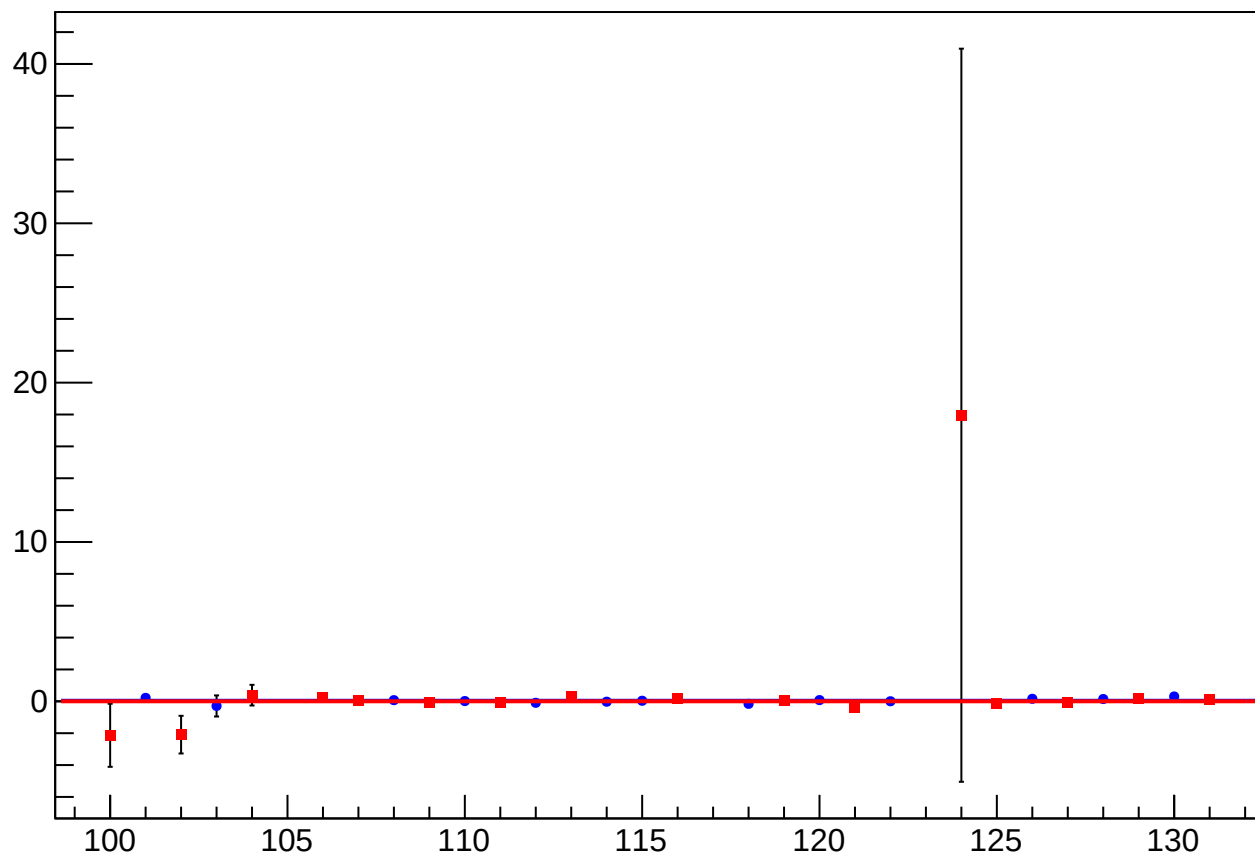
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.033 χ^2/NDF : 27.5/28

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

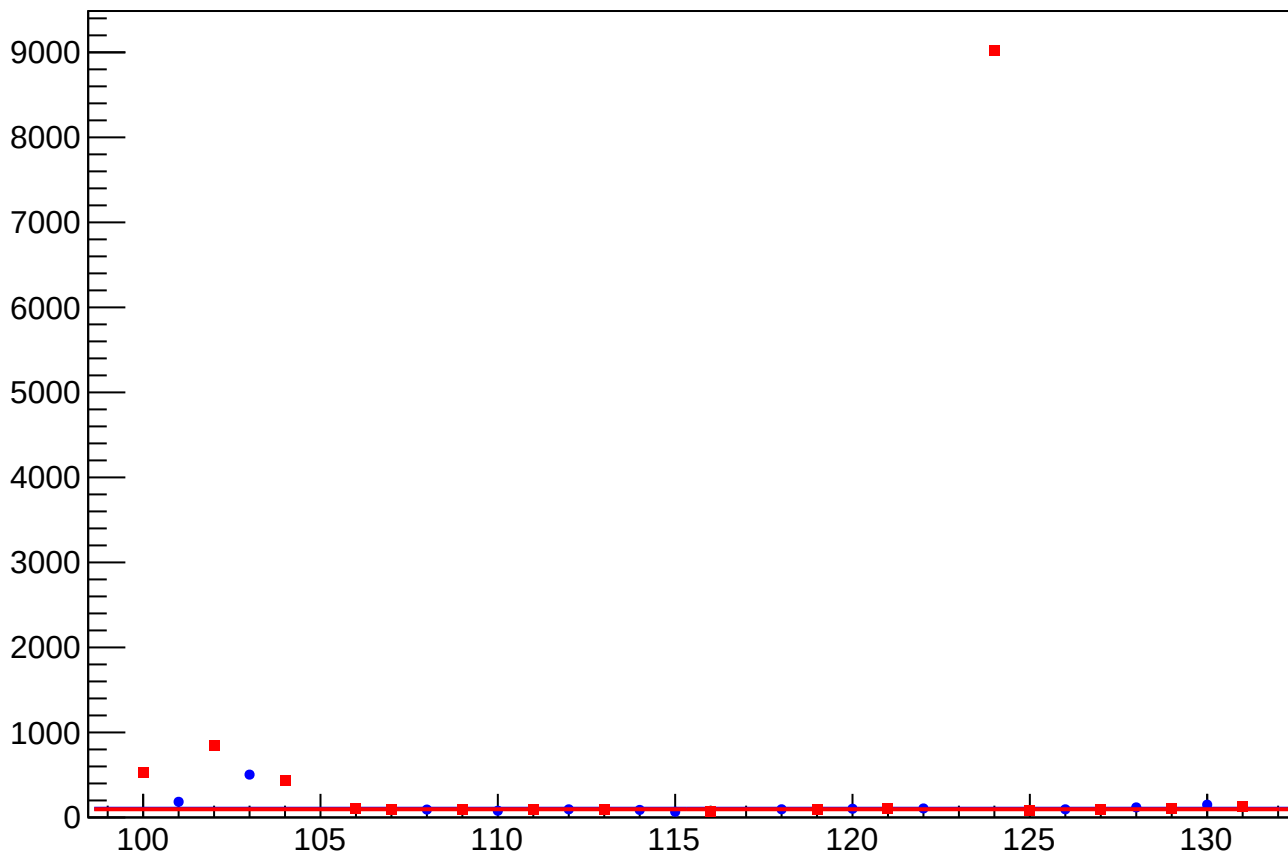
Right: 0.017+/-0.033 χ^2/NDF : 27.5/28

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.033 χ^2/NDF : 27.5/28

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.601 $\pm$ 0.034 χ^2 /NDF: 1253175.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.487 $\pm$ 0.031 χ^2 /NDF: 1864923.5/15

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

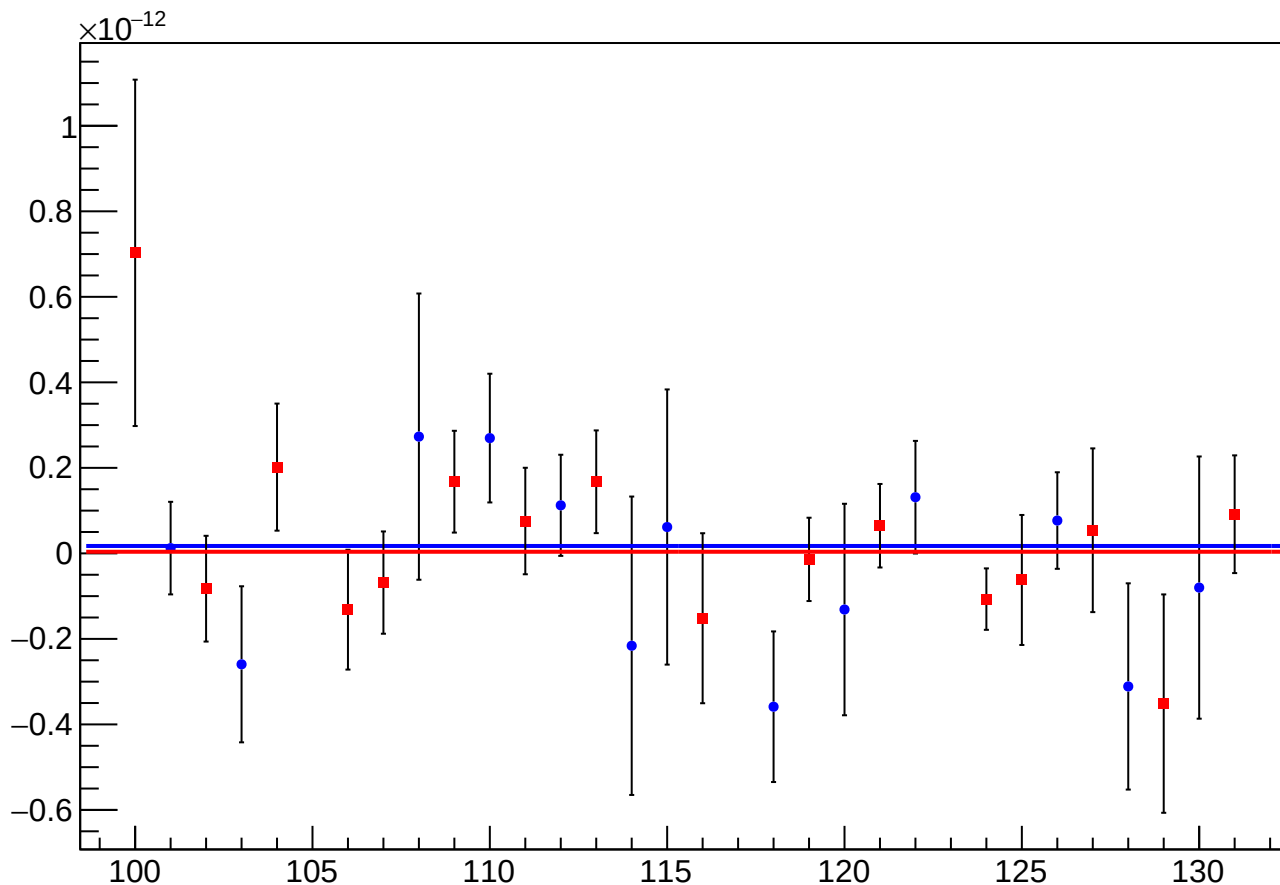
Right: 99.303 $\pm$ 0.023 χ^2 /NDF: 3135623.3/28

In: 102.601 $\pm$ 0.034 χ^2 /NDF:1253175.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.303 $\pm$ 0.023 χ^2 /NDF: 3135623.3/28

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

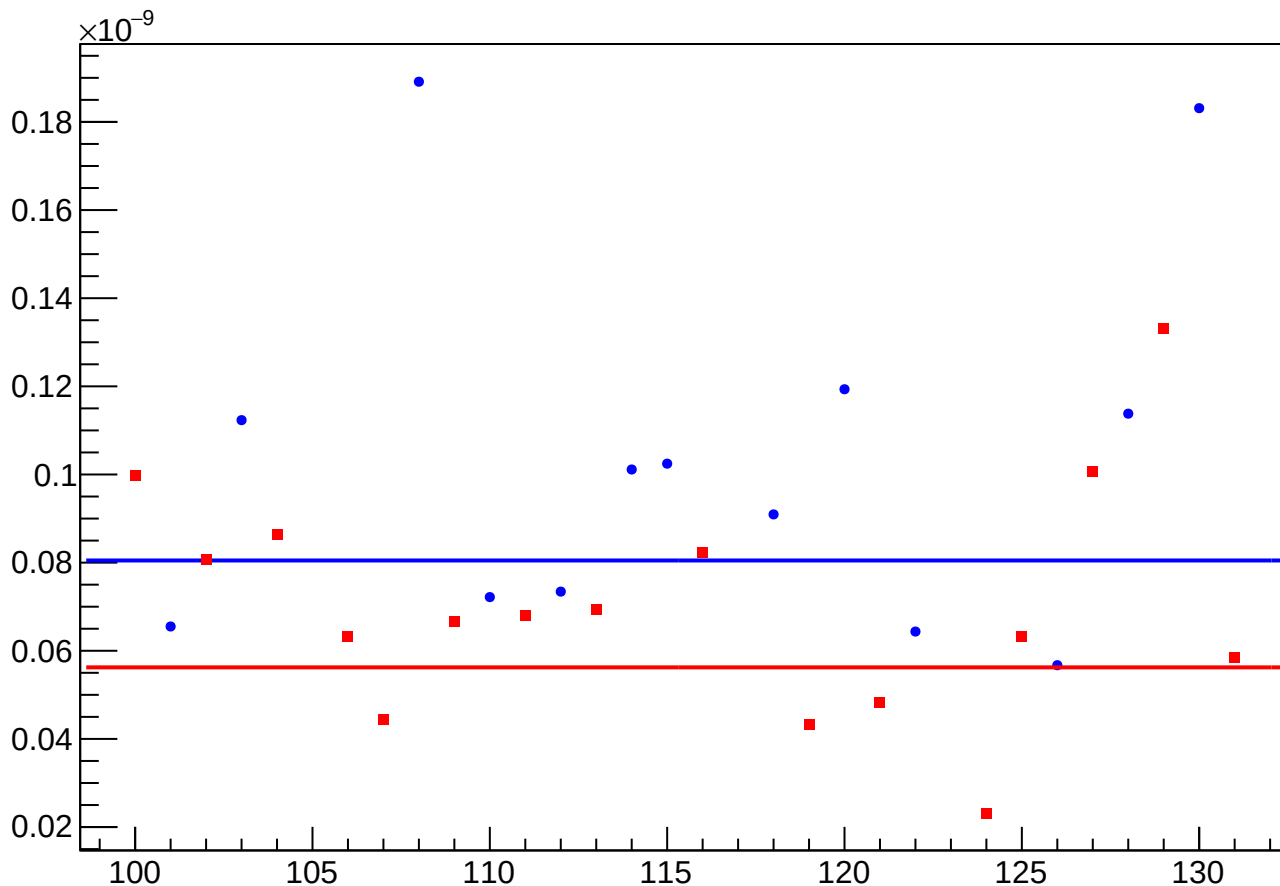
Right: 0.000+/-0.000 χ^2/NDF : 31.4/28

In: 0.000+/-0.000 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.4/28

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 776599.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1070896.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

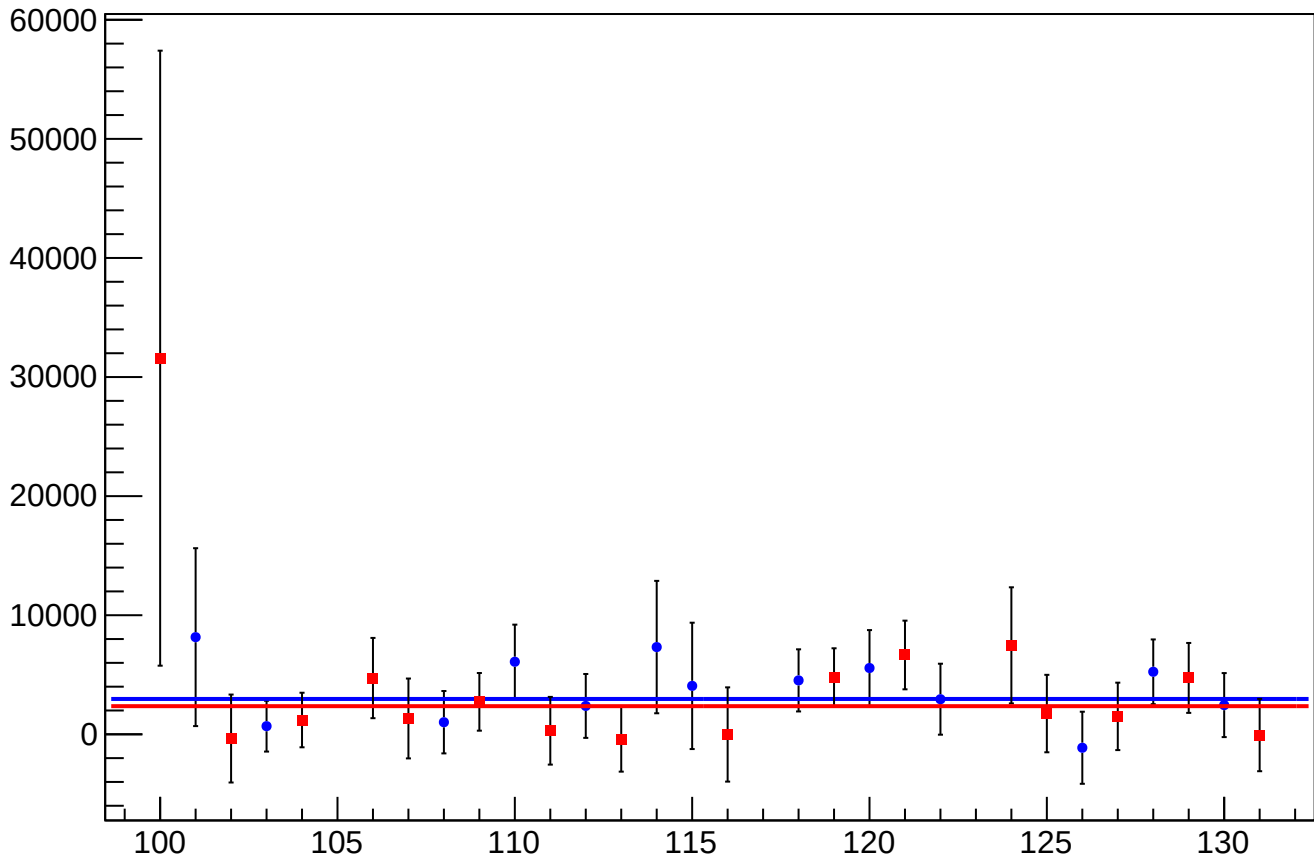
Right: 0.000+/-0.000 χ^2/NDF : 2224957.5/28

In: 0.000+/-0.000 χ^2/NDF : 776599.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2224957.5/28

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2969.039+/-835.004 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.271+/-765.782 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

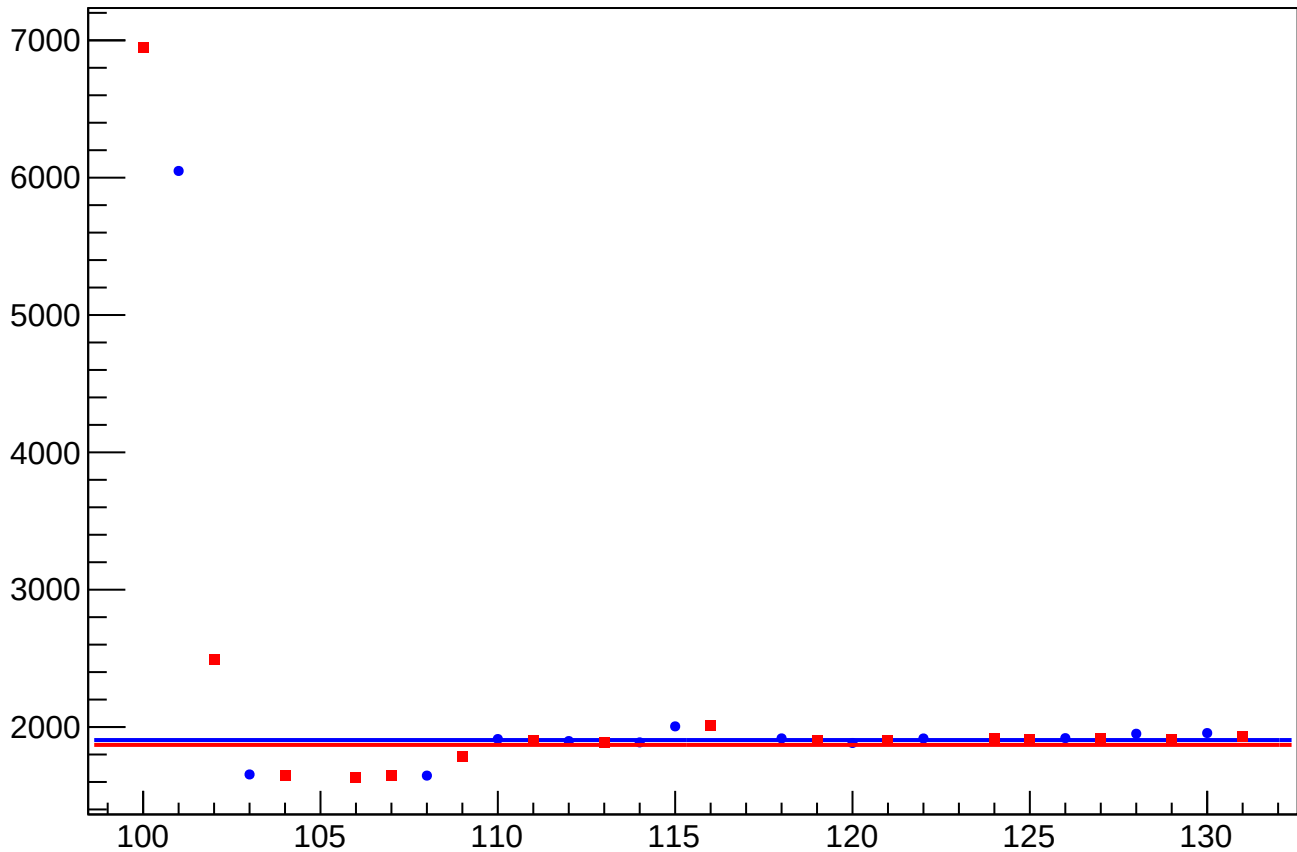
Right: 2640.009+/-564.378 χ^2/NDF : 18.1/28

In: 2969.039+/-835.004 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2640.009+/-564.378 χ^2/NDF : 18.1/28

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.294+/-0.590 χ^2/NDF : 664944.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1869.994+/-0.539 χ^2/NDF : 180622.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

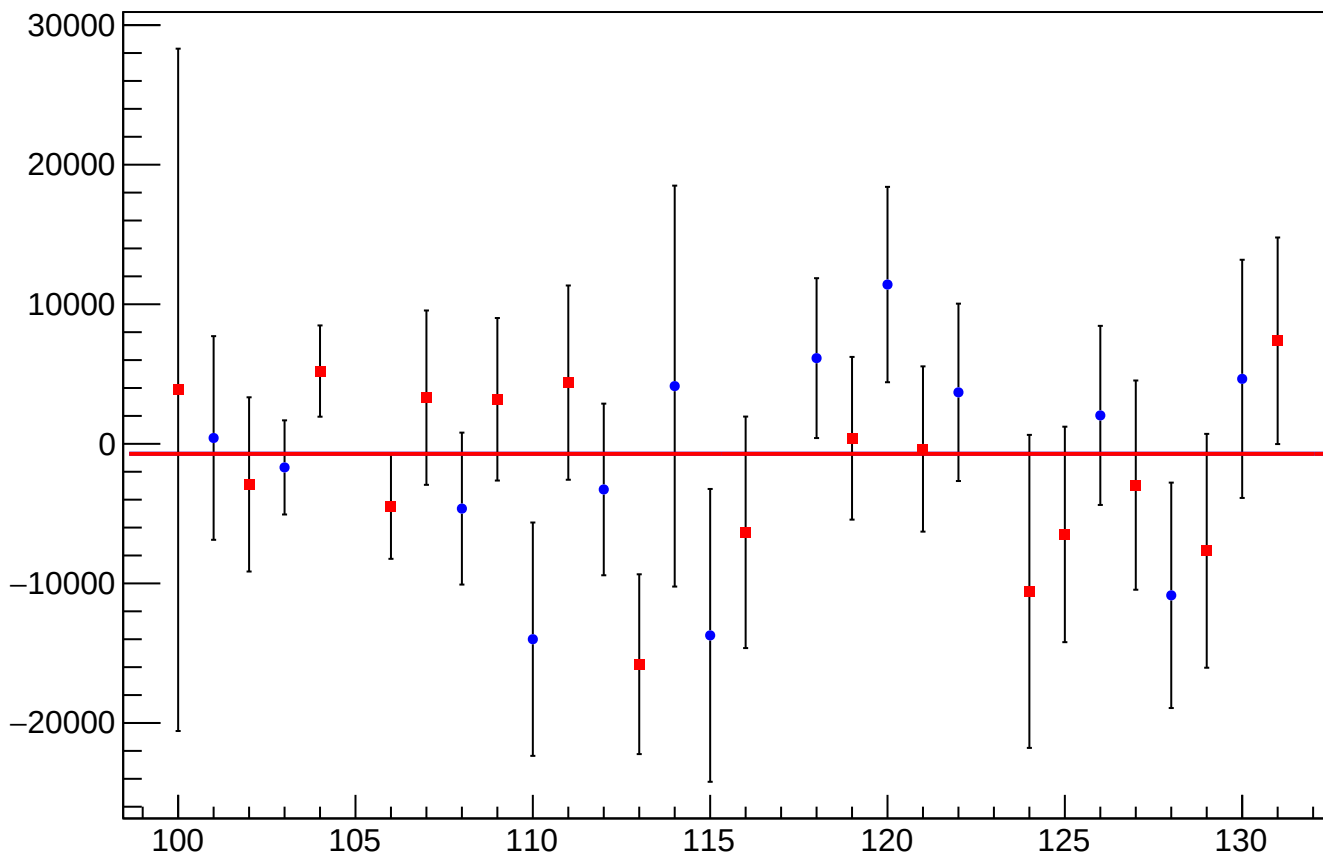
Right: 1886.050+/-0.398 χ^2/NDF : 847515.1/28

In: 1905.294+/-0.590 χ^2/NDF : 664944.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.050+/-0.398 χ^2/NDF : 847515.1/28

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -709.758+/-1756.339 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -717.332+/-1510.558 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

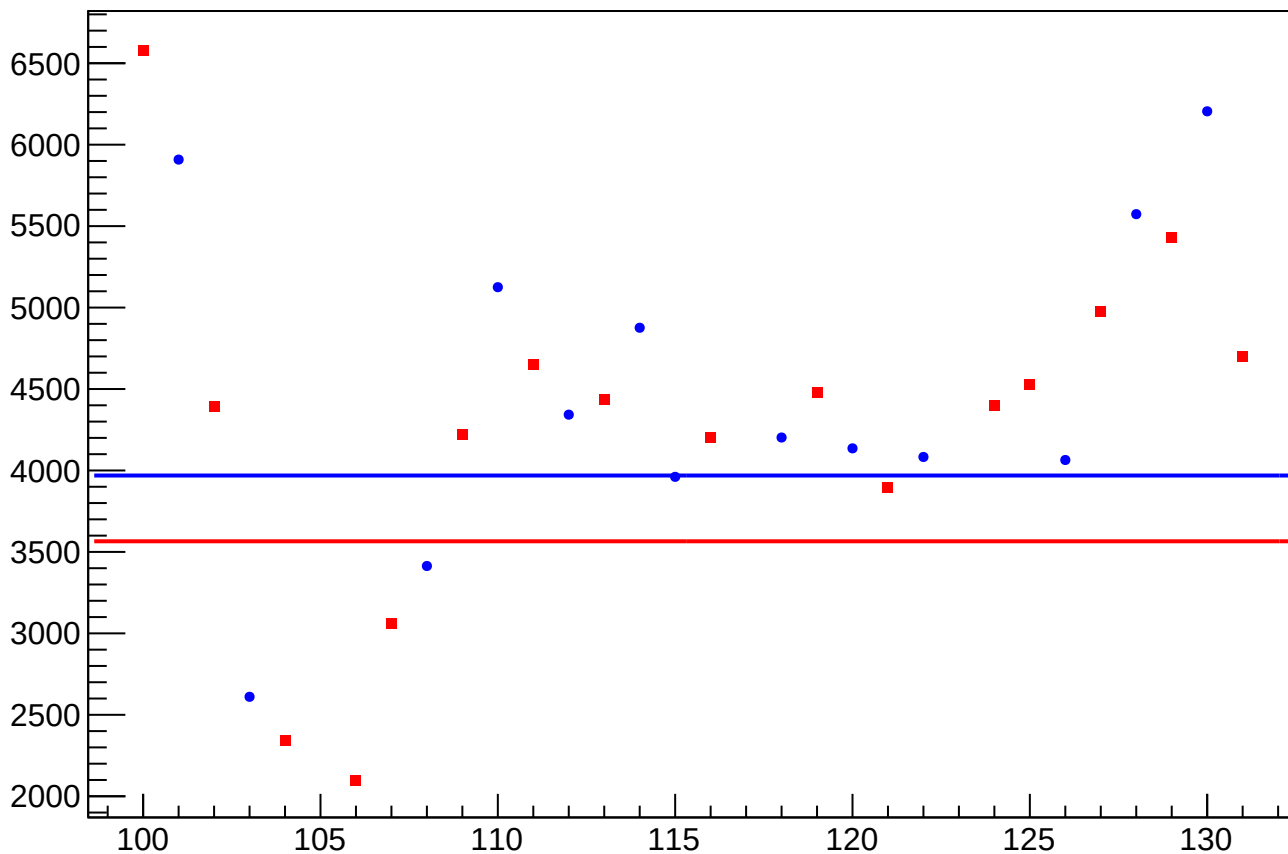
Right: -714.111+/-1145.248 χ^2/NDF : 27.2/28

In: -709.758+/-1756.339 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -714.111+/-1145.248 χ^2/NDF : 27.2/28

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3969.038+/-1.242 χ^2/NDF : 762016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3565.258+/-1.068 χ^2/NDF : 1096985.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

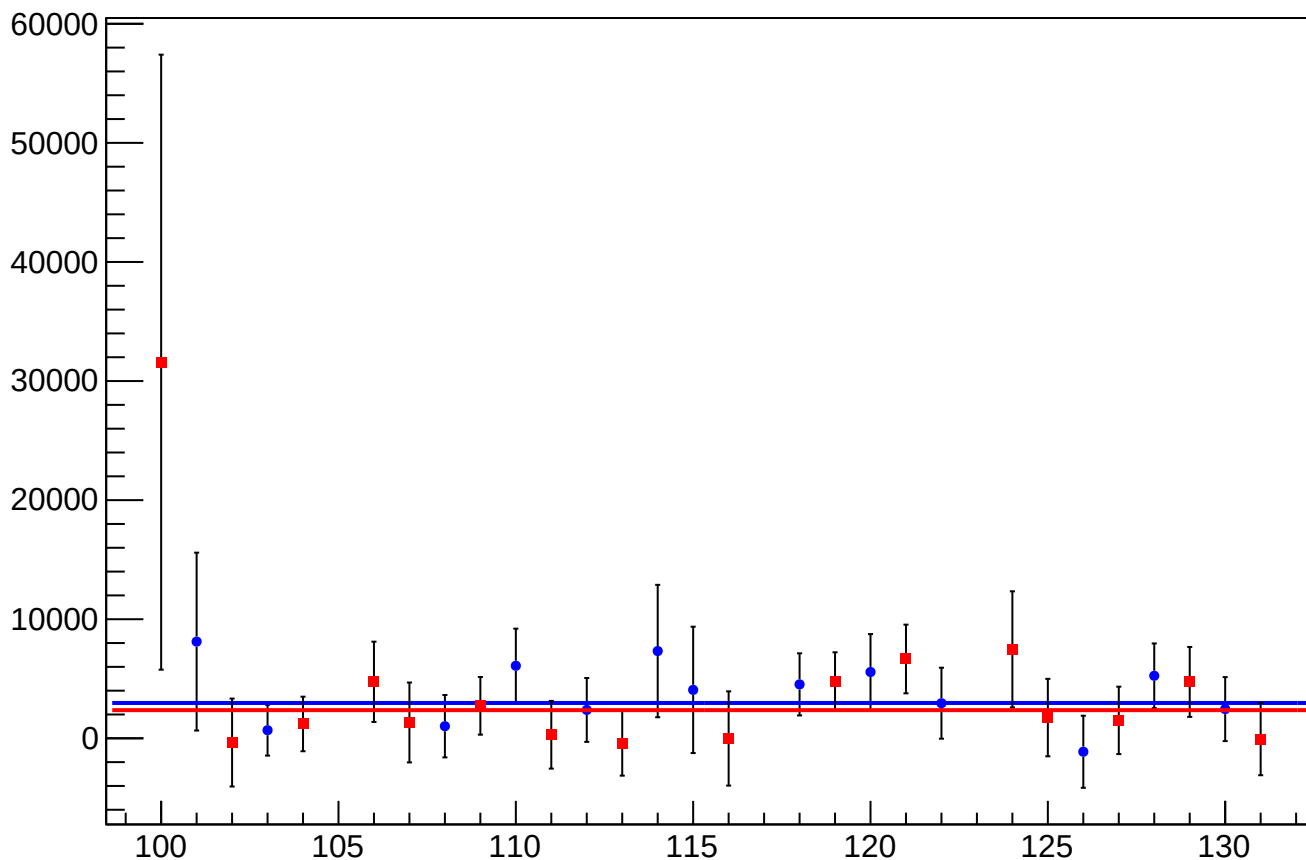
Right: 3736.941+/-0.810 χ^2/NDF : 1919762.7/28

In: 3969.038+/-1.242 χ^2/NDF : 762016.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3736.941+/-0.810 χ^2/NDF : 1919762.7/28

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.678+/-765.787 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

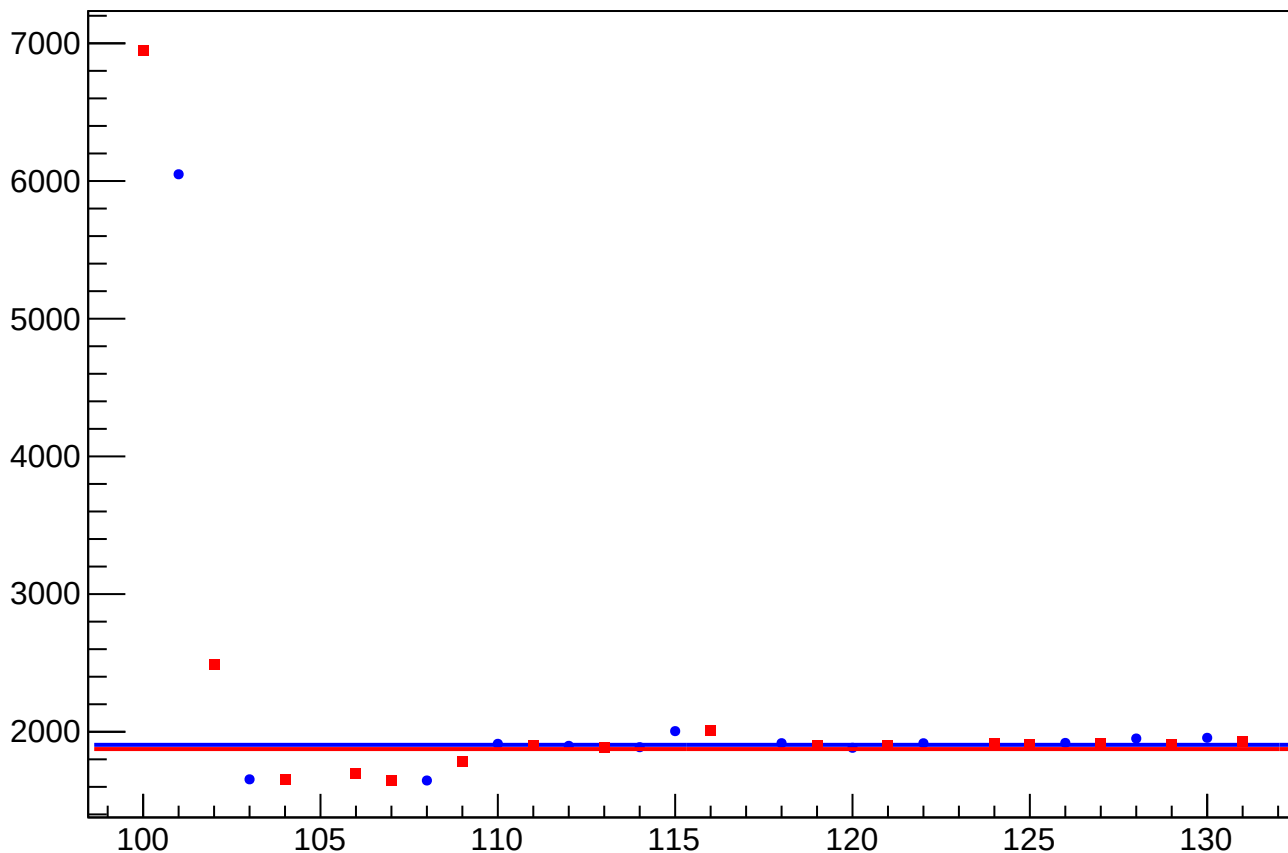
Right: 2640.357+/-564.380 χ^2/NDF : 18.1/28

In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2640.357+/-564.380 χ^2/NDF : 18.1/28

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.524+/-0.541 χ^2/NDF : 174792.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

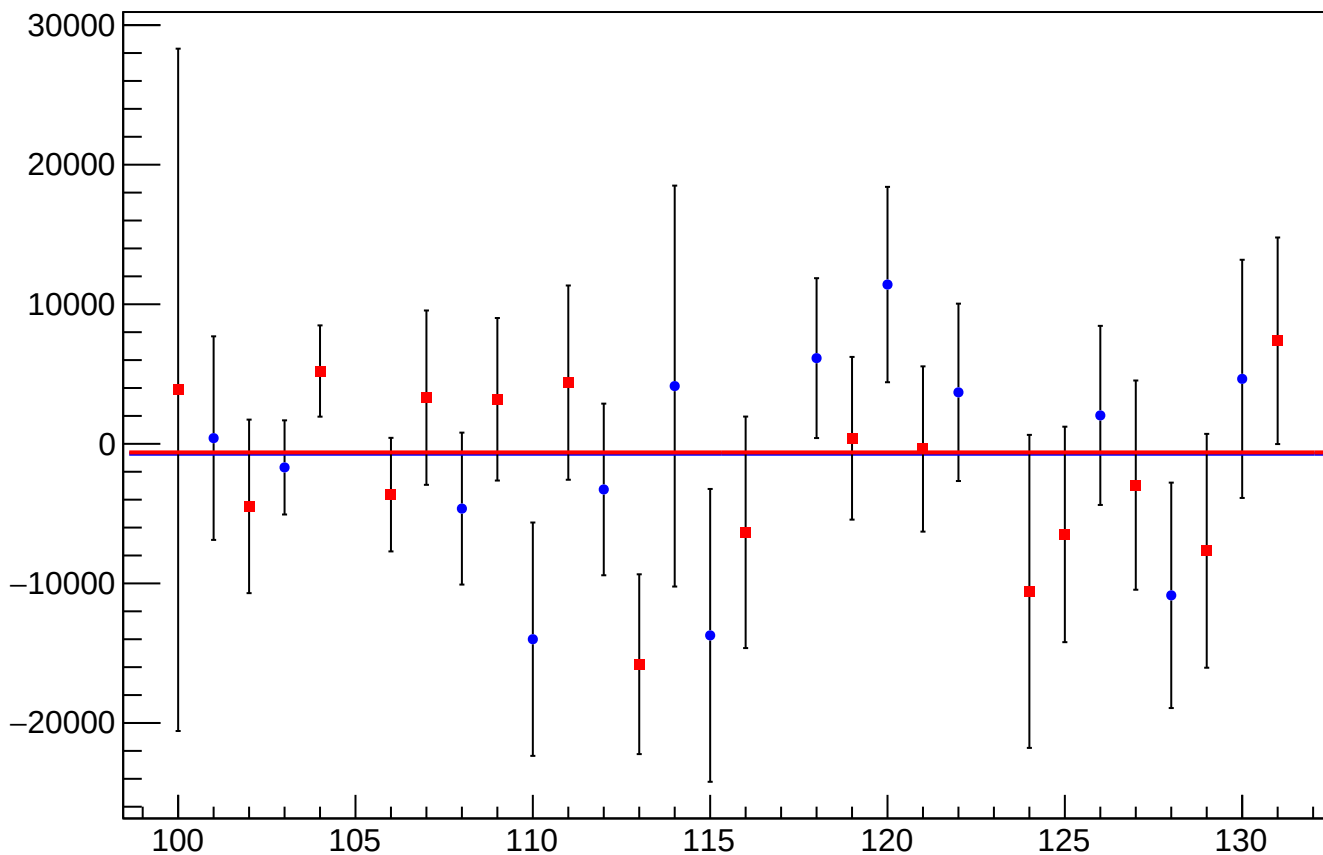
Right: 1888.553+/-0.399 χ^2/NDF : 841213.3/28

In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.553+/-0.399 χ^2/NDF : 841213.3/28

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -614.341+/-1526.905 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

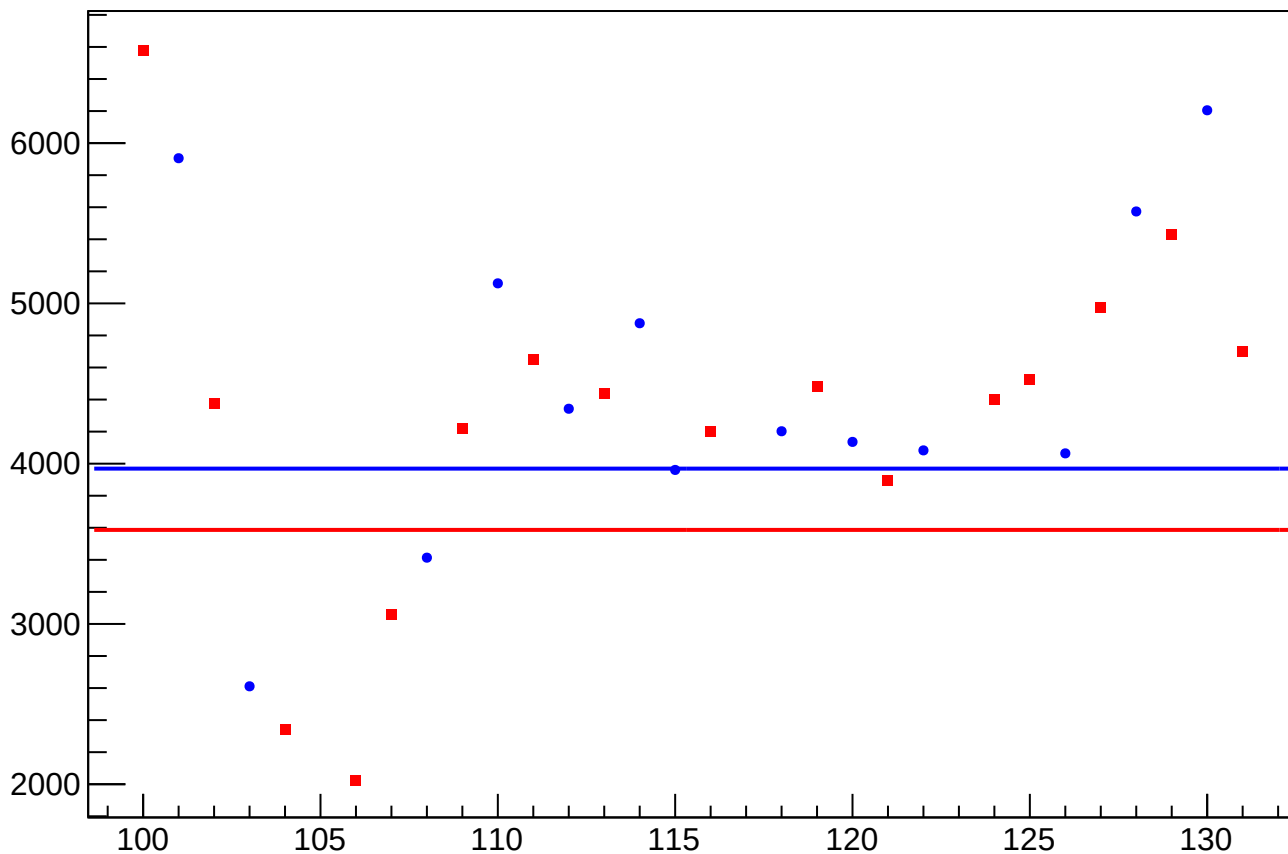
Right: -655.623+/-1152.325 χ^2/NDF : 26.9/28

In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -655.623+/-1152.325 χ^2/NDF : 26.9/28

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3586.745+/-1.080 χ^2/NDF : 1080529.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

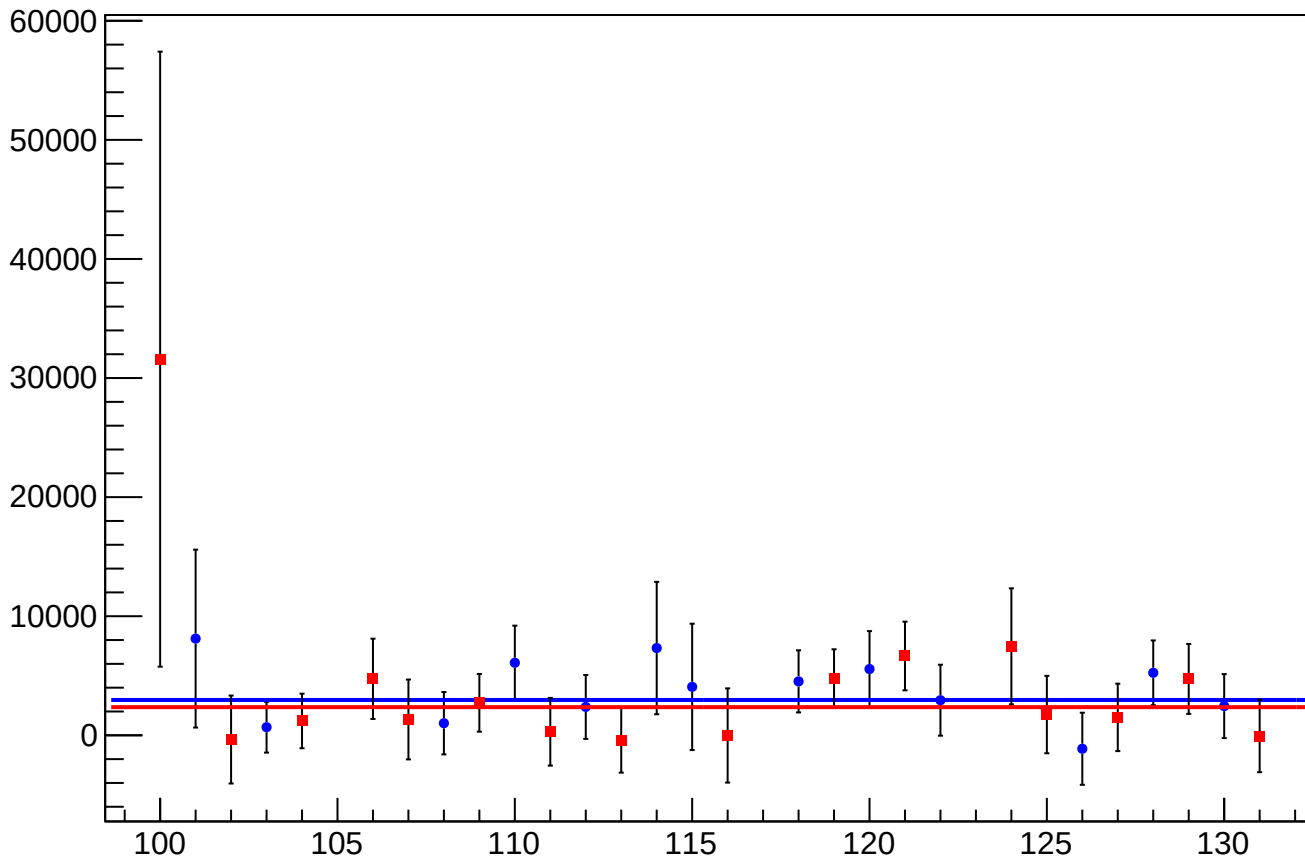
Right: 3751.356+/-0.815 χ^2/NDF : 1896067.4/28

In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3751.356+/-0.815 χ^2/NDF : 1896067.4/28

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.678+/-765.787 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

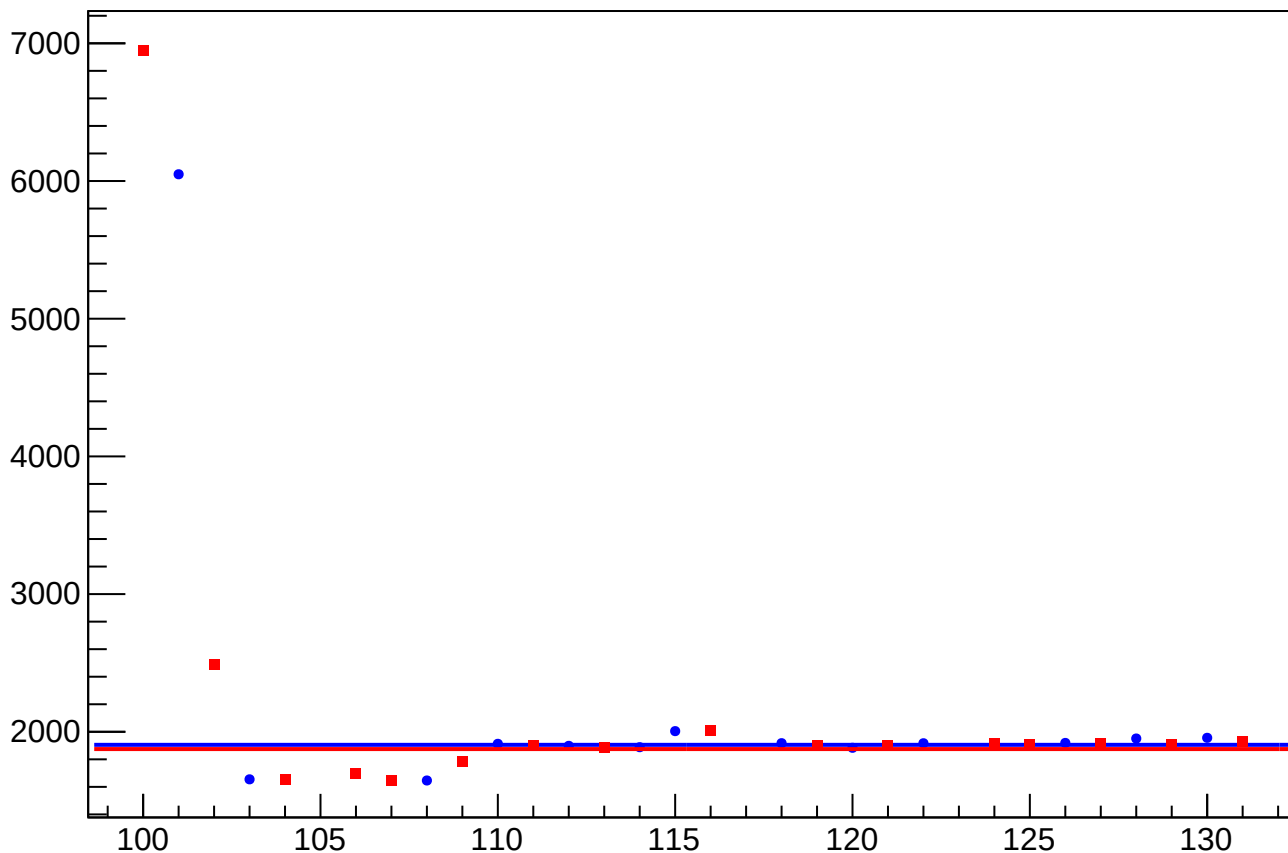
Right: 2640.357+/-564.380 χ^2/NDF : 18.1/28

In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2640.357+/-564.380 χ^2/NDF : 18.1/28

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.524+/-0.541 χ^2/NDF : 174792.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

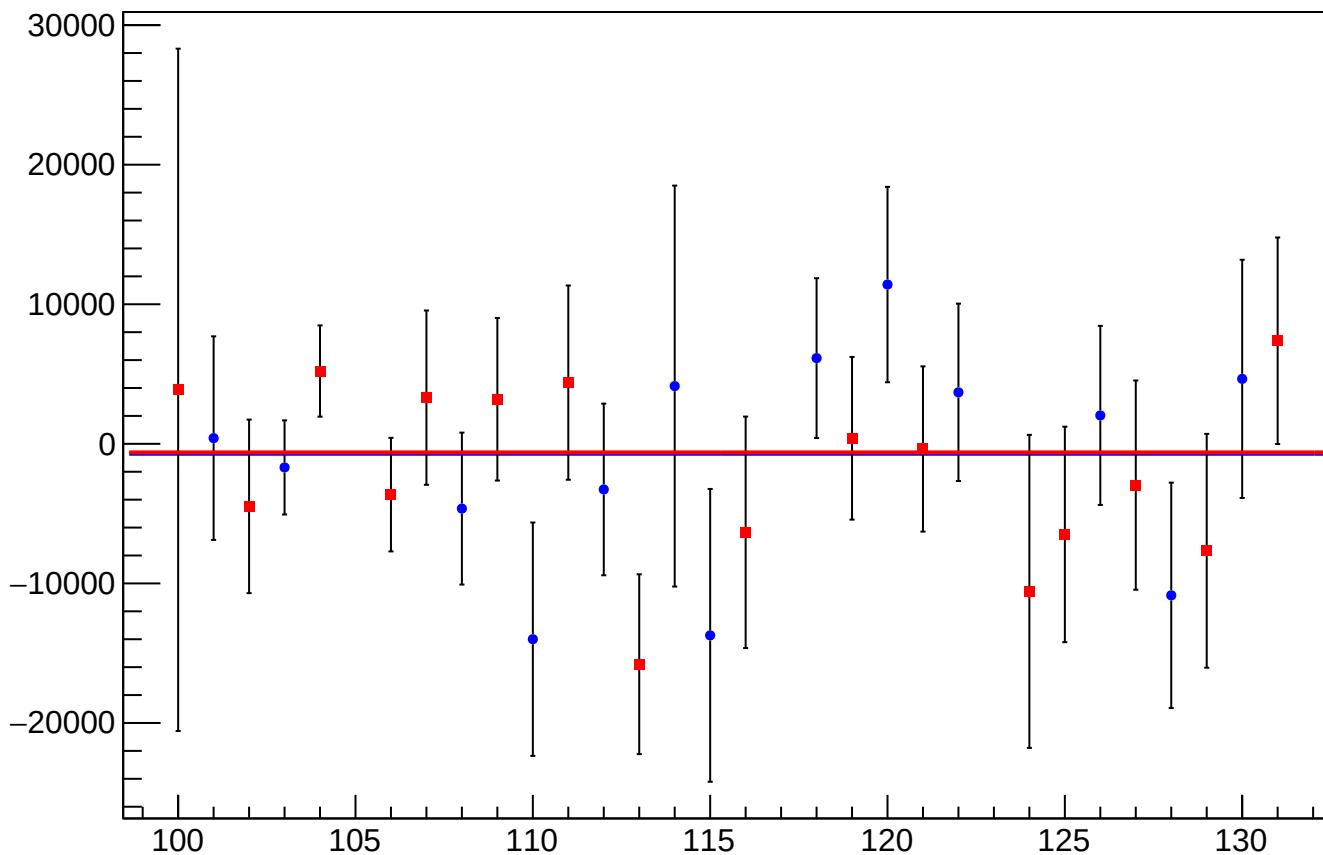
Right: 1888.553+/-0.399 χ^2/NDF : 841213.3/28

In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.553+/-0.399 χ^2/NDF : 841213.3/28

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -614.341+/-1526.905 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

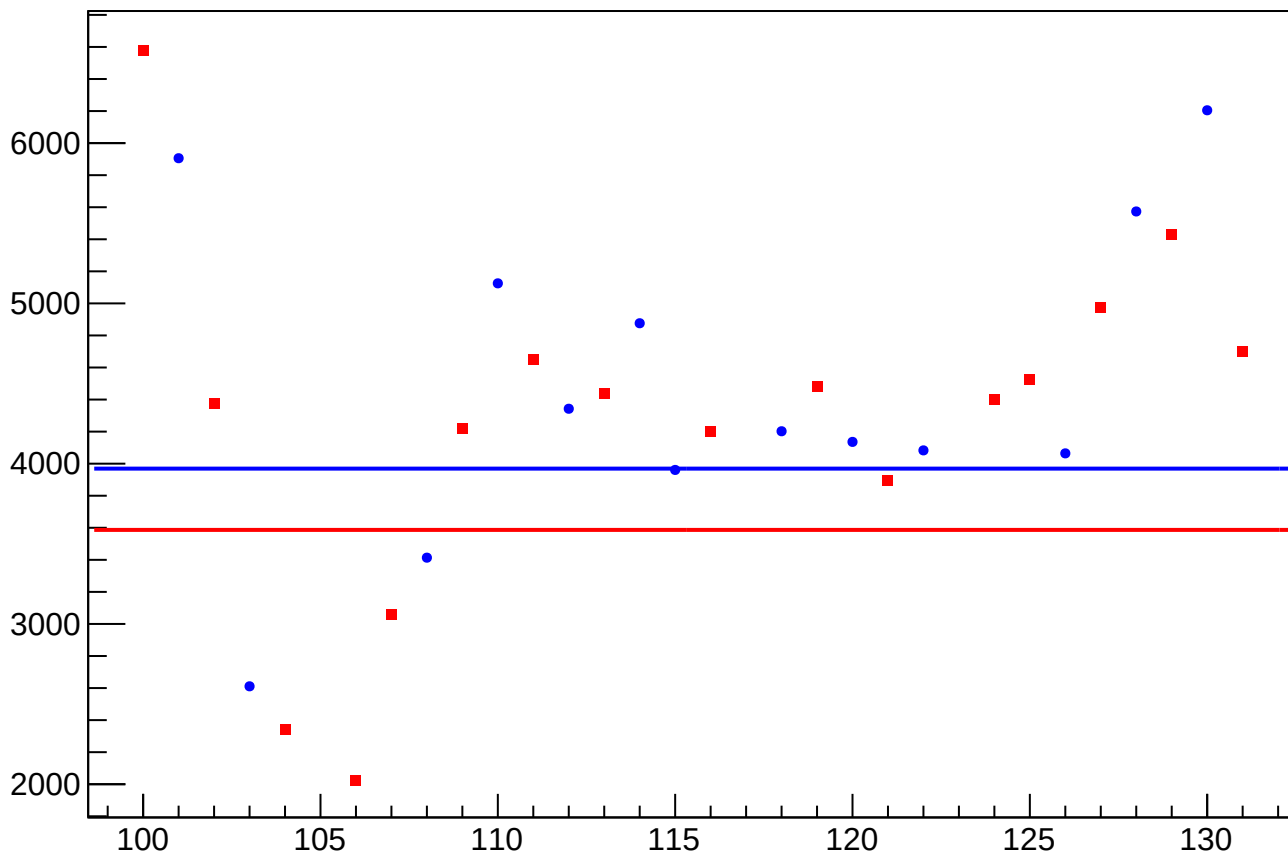
Right: -655.623+/-1152.325 χ^2/NDF : 26.9/28

In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -655.623+/-1152.325 χ^2/NDF : 26.9/28

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3586.745+/-1.080 χ^2/NDF : 1080529.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

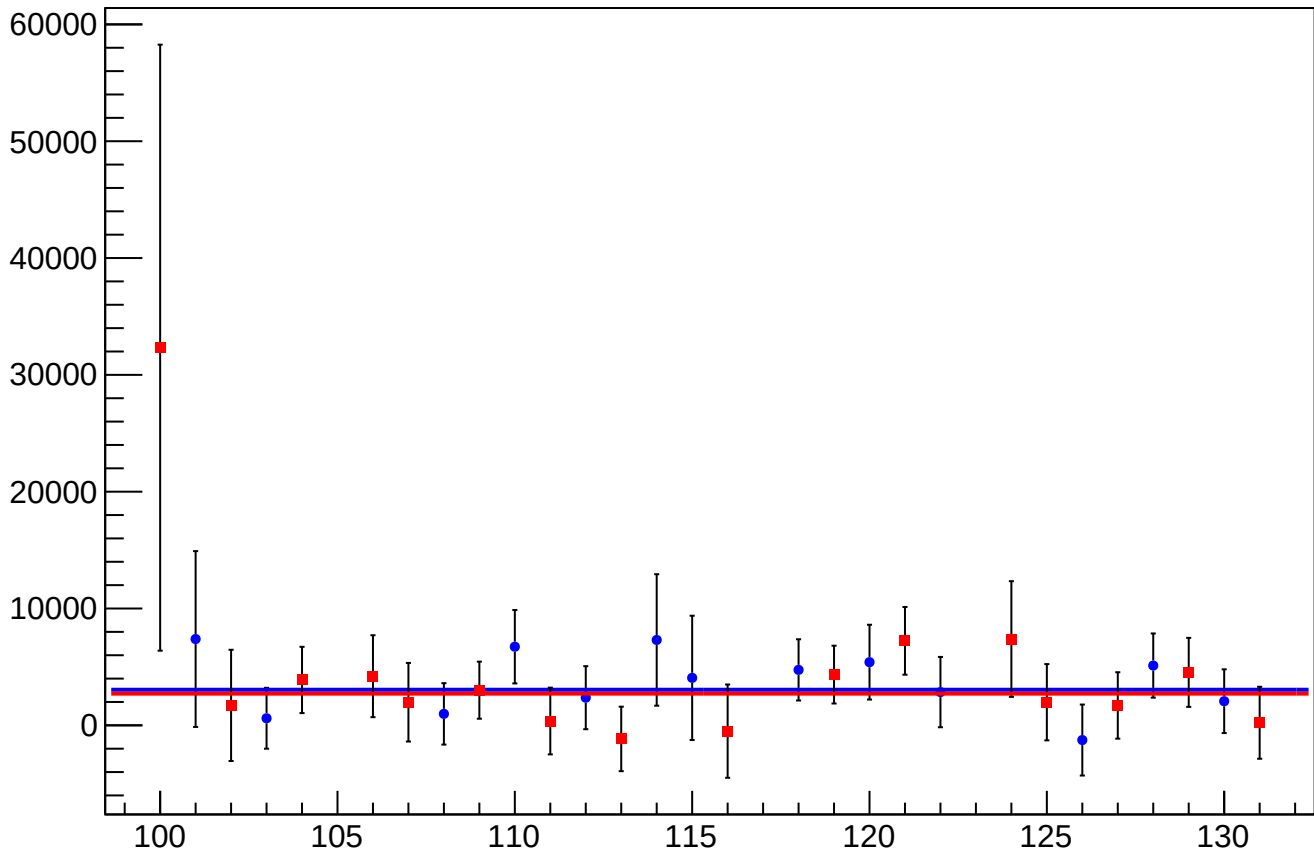
Right: 3751.356+/-0.815 χ^2/NDF : 1896067.4/28

In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3751.356+/-0.815 χ^2/NDF : 1896067.4/28

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3046.882 $\pm$ 862.571 χ^2/NDF : 7.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2713.032 $\pm$ 794.480 χ^2/NDF : 10.0/15

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

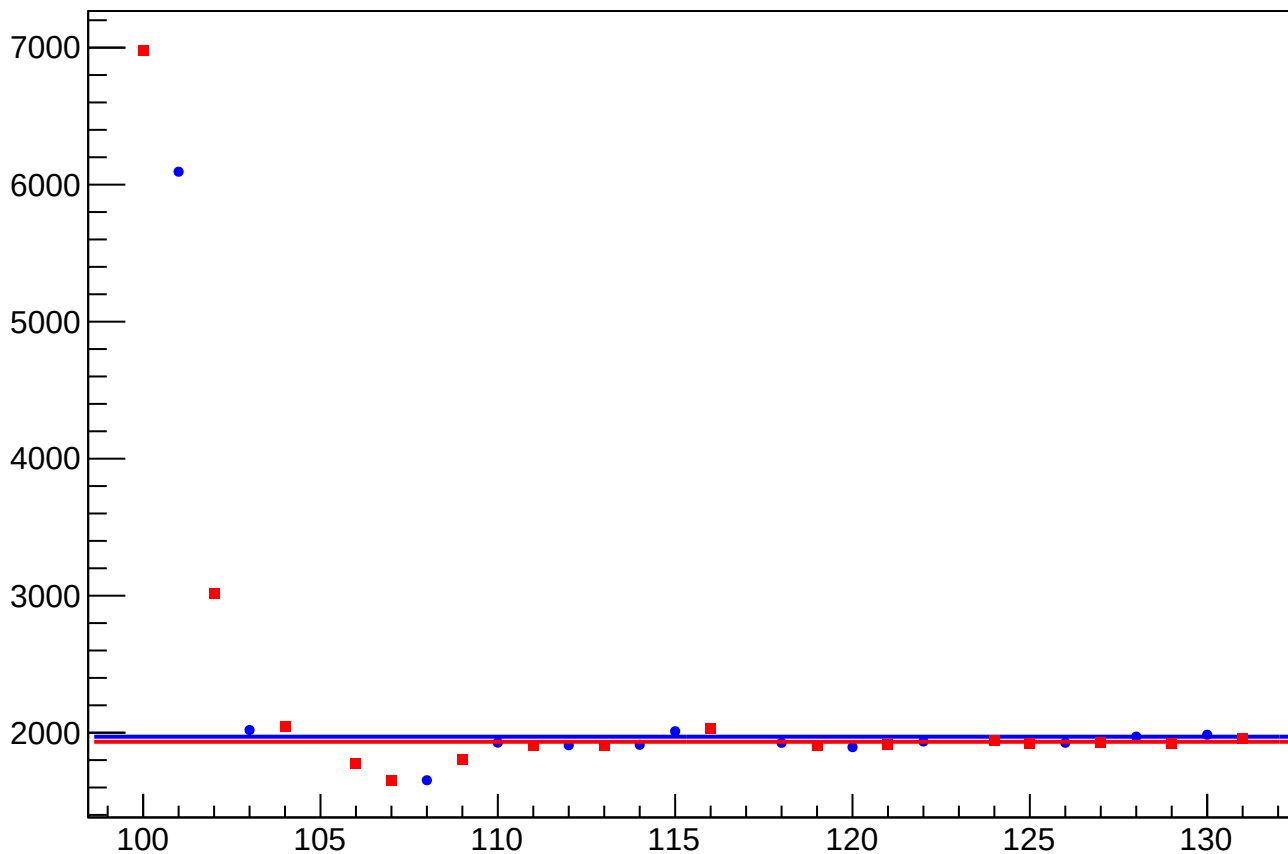
Right: 2866.261 $\pm$ 584.374 χ^2/NDF : 17.7/28

In: 3046.882 $\pm$ 862.571 χ^2/NDF : 7.6/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2866.261 $\pm$ 584.374 χ^2/NDF : 17.7/28

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1970.842+/-0.610 χ^2/NDF : 634322.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.776+/-0.561 χ^2/NDF : 208840.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

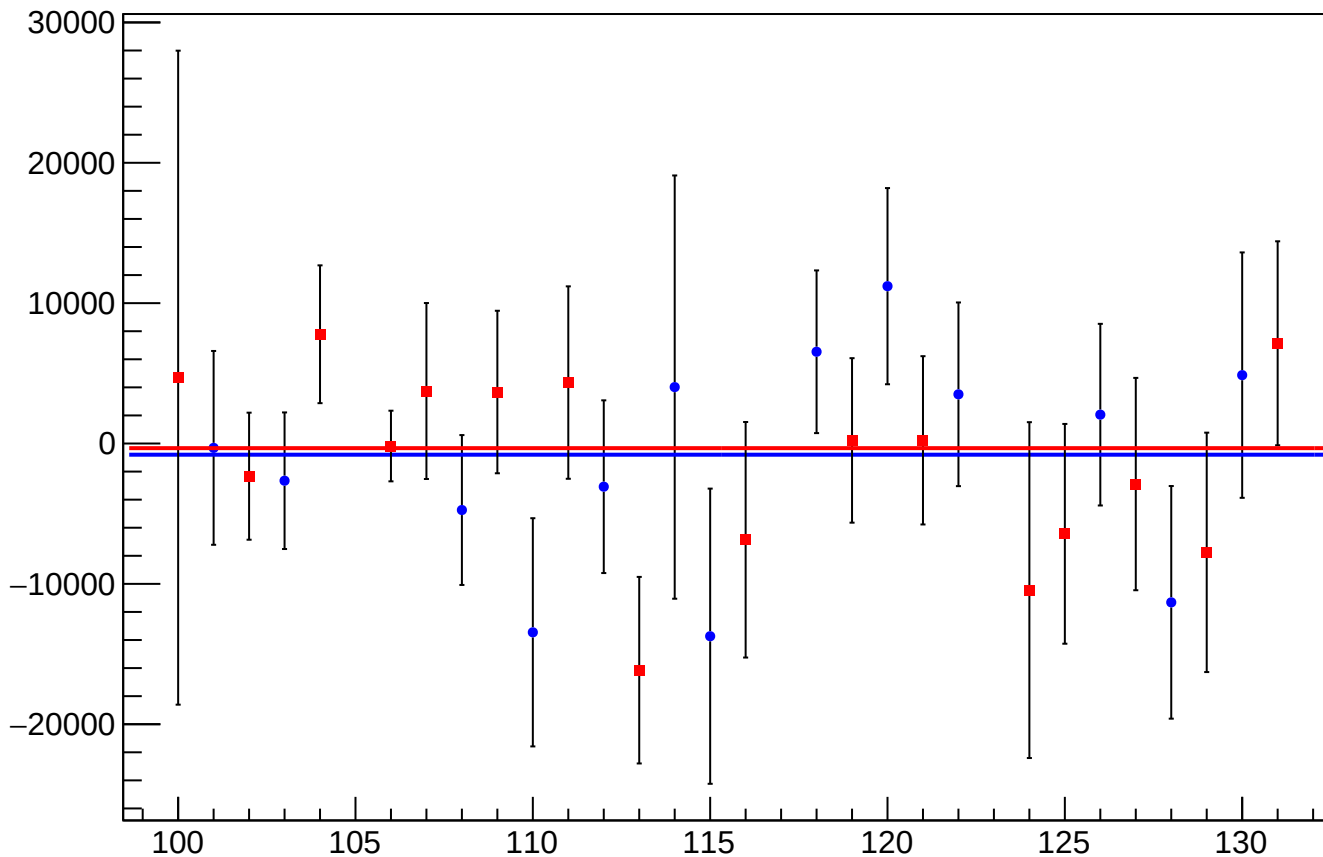
Right: 1950.770+/-0.413 χ^2/NDF : 845162.3/28

In: 1970.842+/-0.610 χ^2/NDF : 634322.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.770+/-0.413 χ^2/NDF : 845162.3/28

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -797.244+/-1895.185 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -330.962+/-1422.896 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

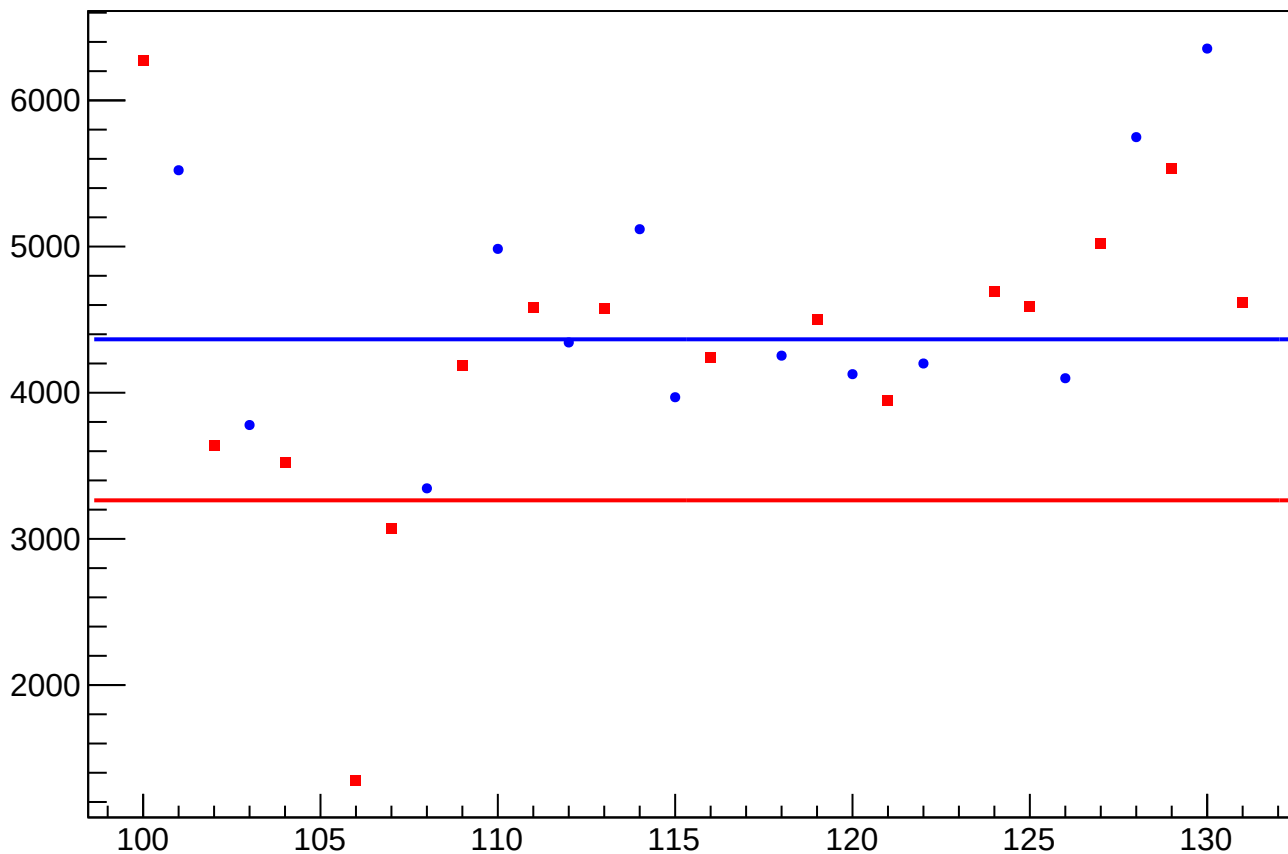
Right: -499.052+/-1137.882 χ^2/NDF : 26.0/28

In: -797.244+/-1895.185 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.052+/-1137.882 χ^2/NDF : 26.0/28

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4365.368+/-1.340 χ^2/NDF : 344544.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3263.763+/-1.006 χ^2/NDF : 1963834.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

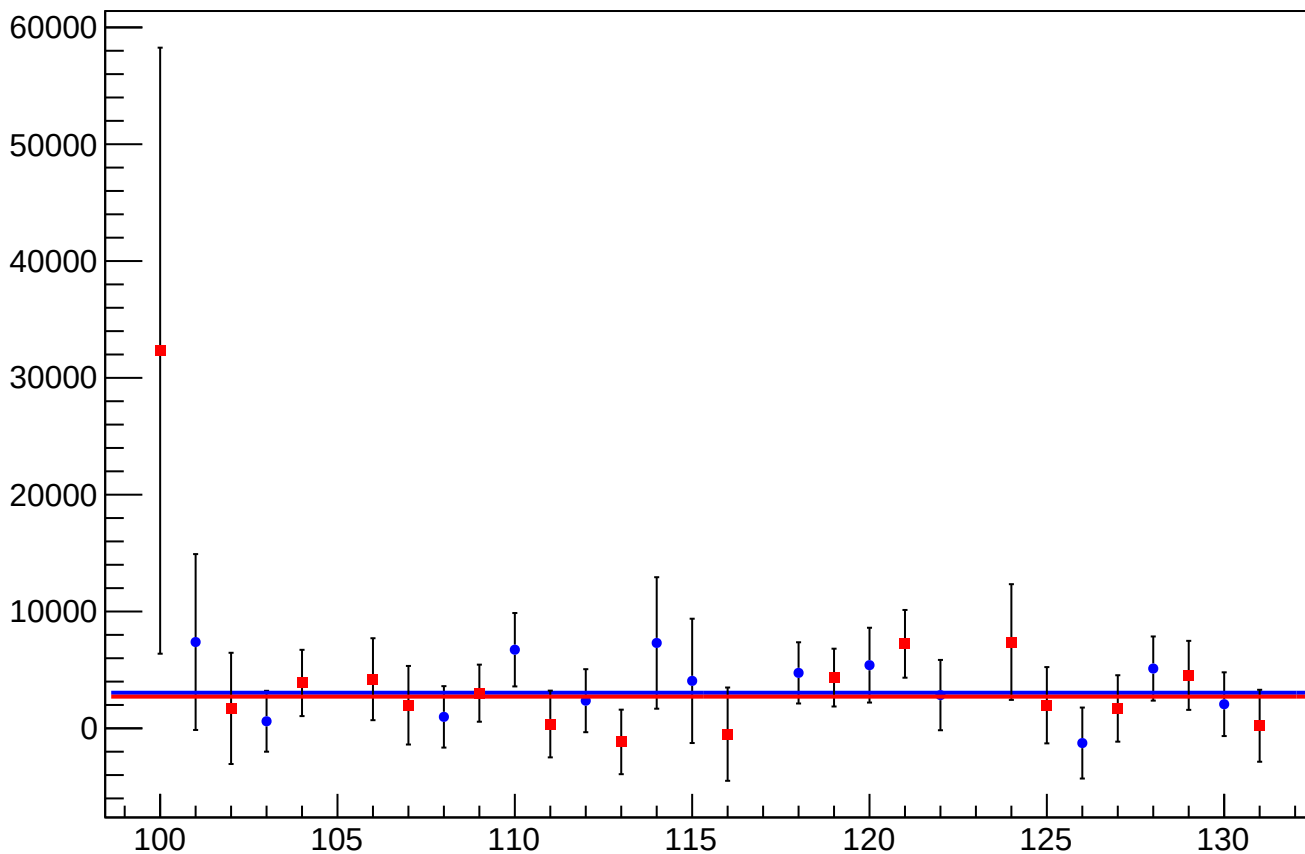
Right: 3660.879+/-0.805 χ^2/NDF : 2740521.9/28

In: 4365.368+/-1.340 χ^2/NDF : 344544.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3660.879+/-0.805 χ^2/NDF : 2740521.9/28

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3046.883+/-862.571 χ^2/NDF : 7.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2713.039+/-794.480 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

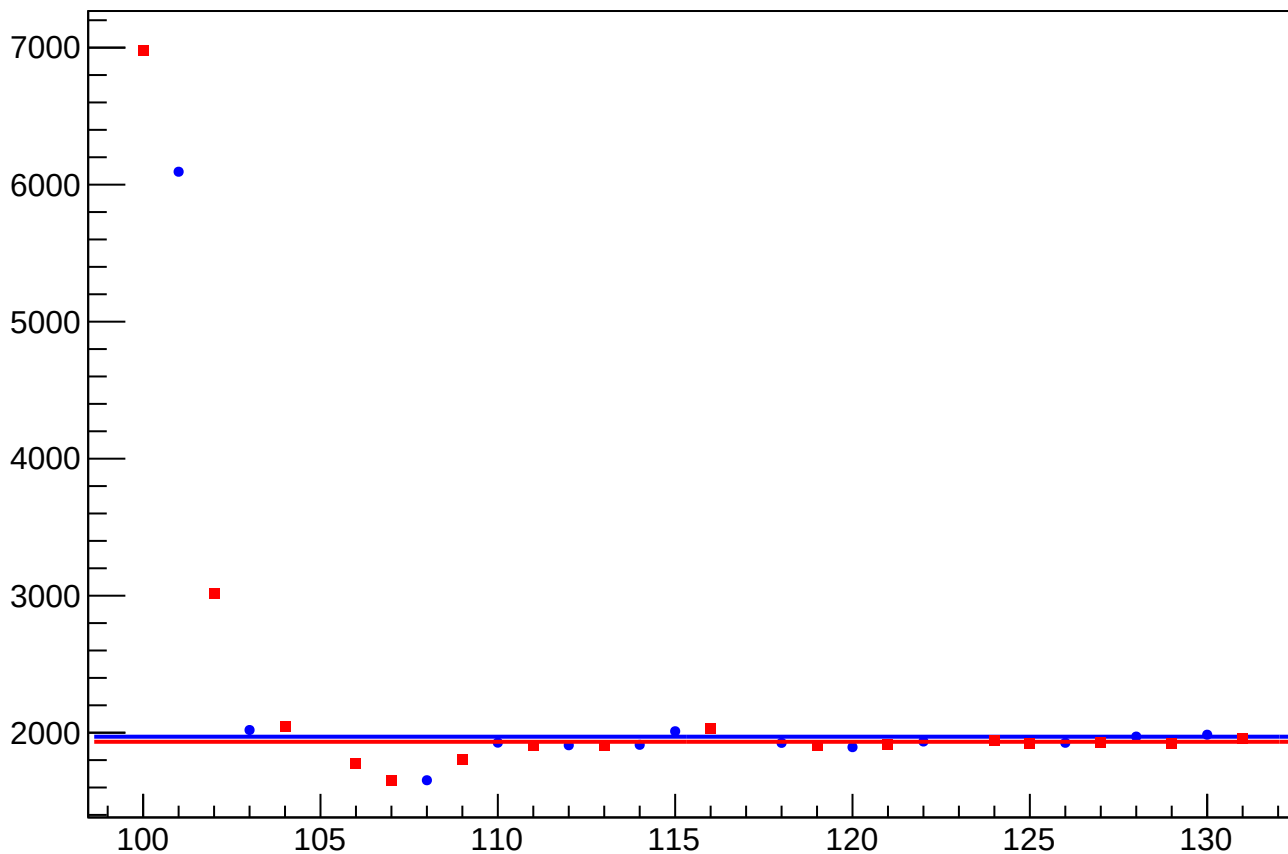
Right: 2866.266+/-584.373 χ^2/NDF : 17.7/28

In: 3046.883+/-862.571 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.266+/-584.373 χ^2/NDF : 17.7/28

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1970.841+/-0.610 χ^2/NDF : 634322.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.776+/-0.561 χ^2/NDF : 208839.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

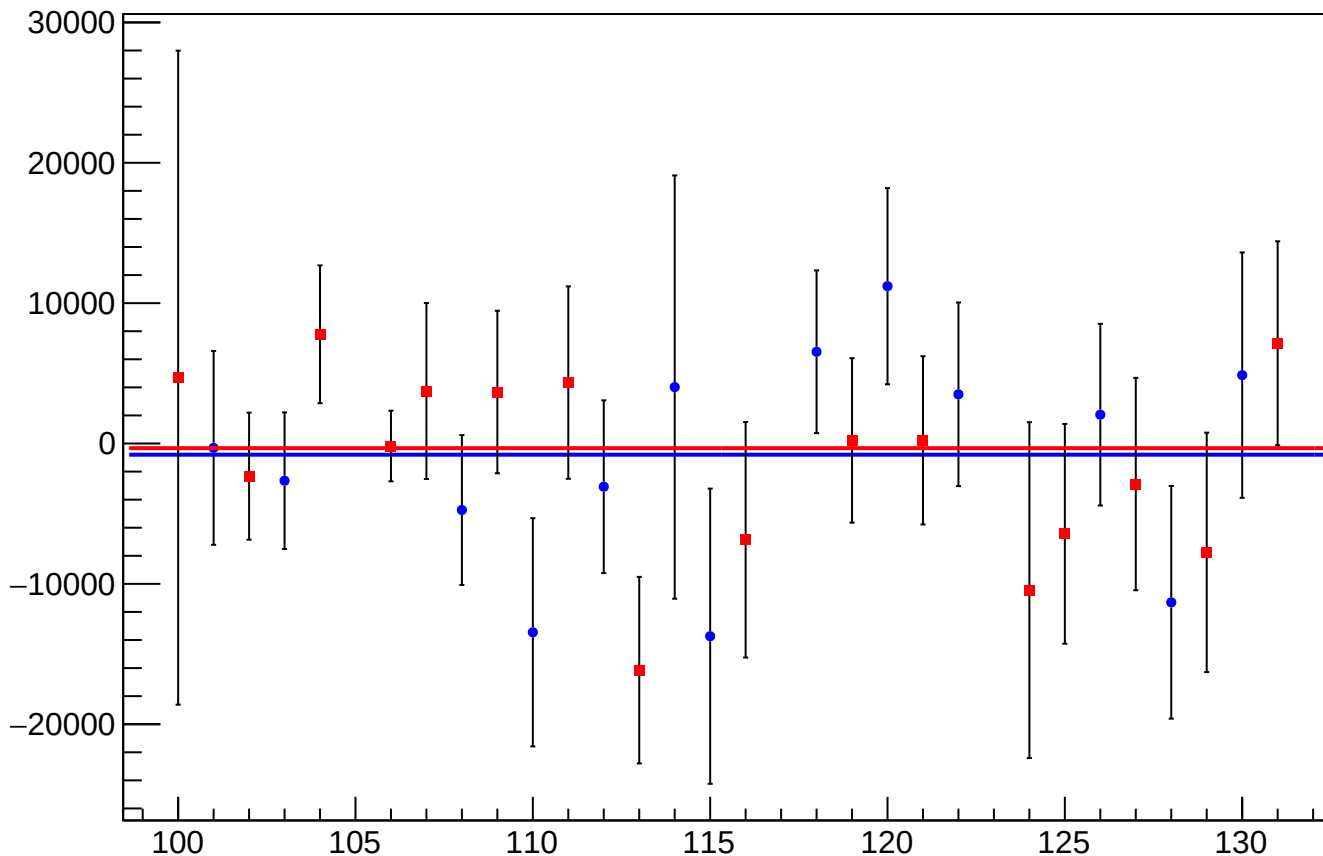
Right: 1950.769+/-0.413 χ^2/NDF : 845161.9/28

In: 1970.841+/-0.610 χ^2/NDF : 634322.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.769+/-0.413 χ^2/NDF : 845161.9/28

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -797.235+/-1895.180 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -330.964+/-1422.892 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

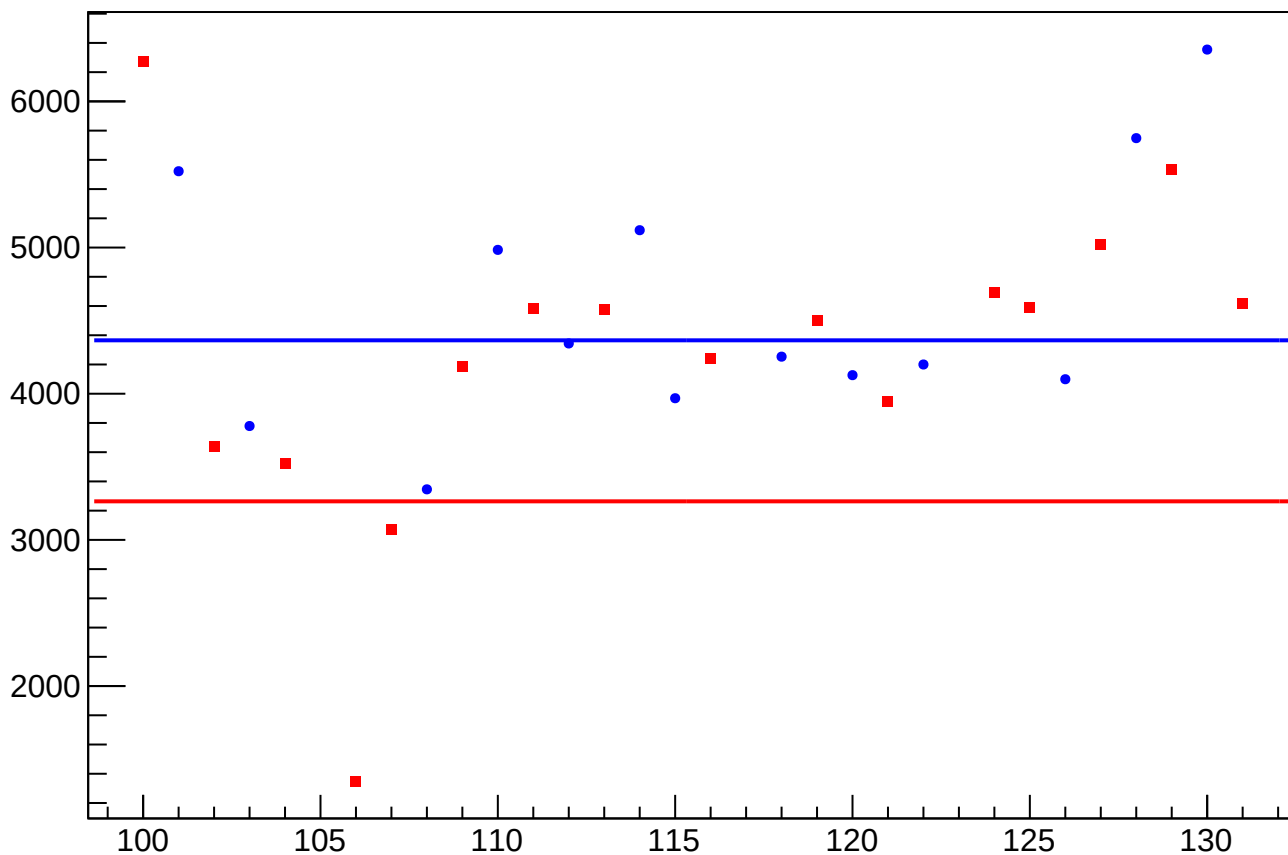
Right: -499.049+/-1137.879 χ^2/NDF : 26.0/28

In: -797.235+/-1895.180 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.049+/-1137.879 χ^2/NDF : 26.0/28

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4365.358+/-1.340 χ^2/NDF : 344541.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3263.754+/-1.006 χ^2/NDF : 1963835.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

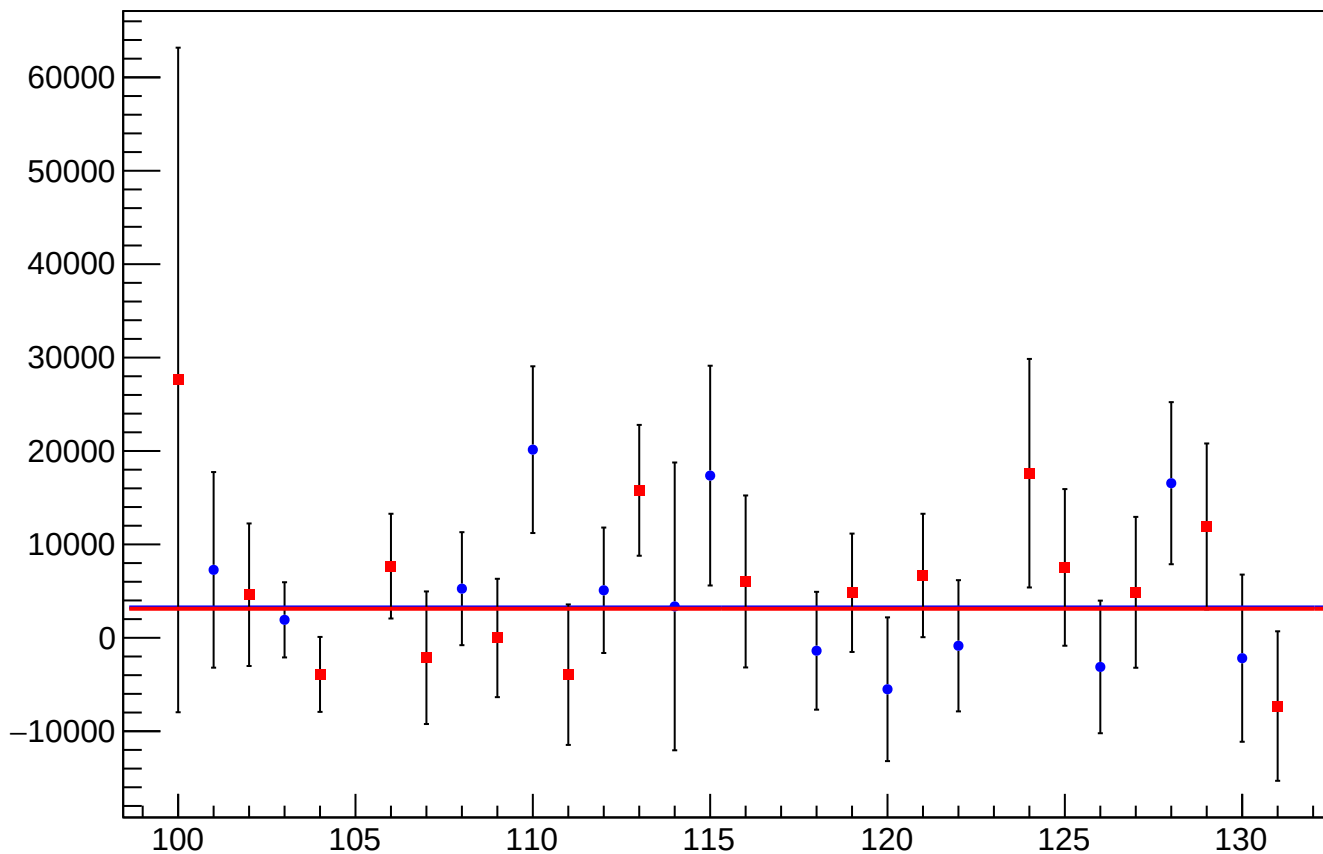
Right: 3660.870+/-0.805 χ^2/NDF : 2740520.4/28

In: 4365.358+/-1.340 χ^2/NDF : 344541.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3660.870+/-0.805 χ^2/NDF : 2740520.4/28

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3250.690+/-1991.017 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3110.989+/-1770.853 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

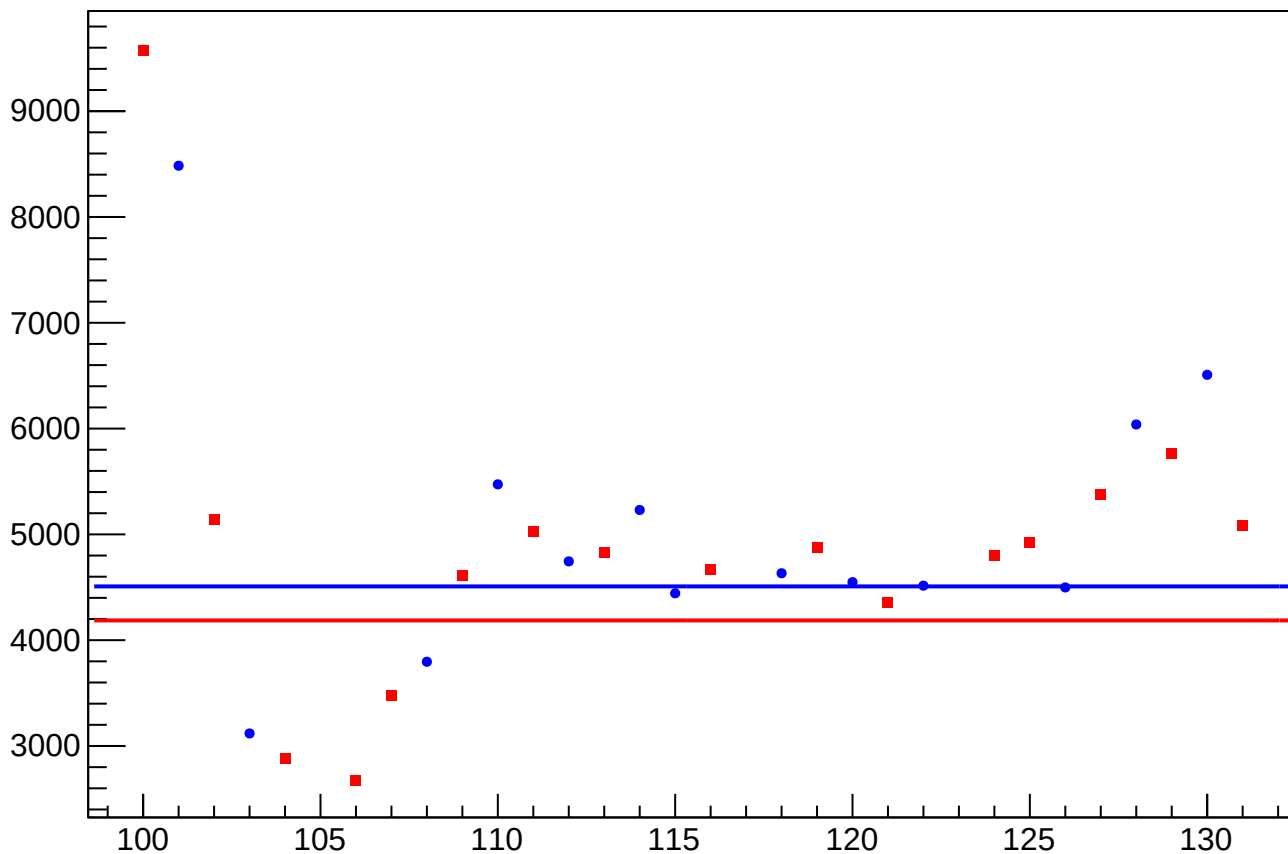
Right: 3172.691+/-1323.202 χ^2/NDF : 25.2/28

In: 3250.690+/-1991.017 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3172.691+/-1323.202 χ^2/NDF : 25.2/28

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4508.317+/-1.408 χ^2/NDF : 747871.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4186.680+/-1.240 χ^2/NDF : 715063.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

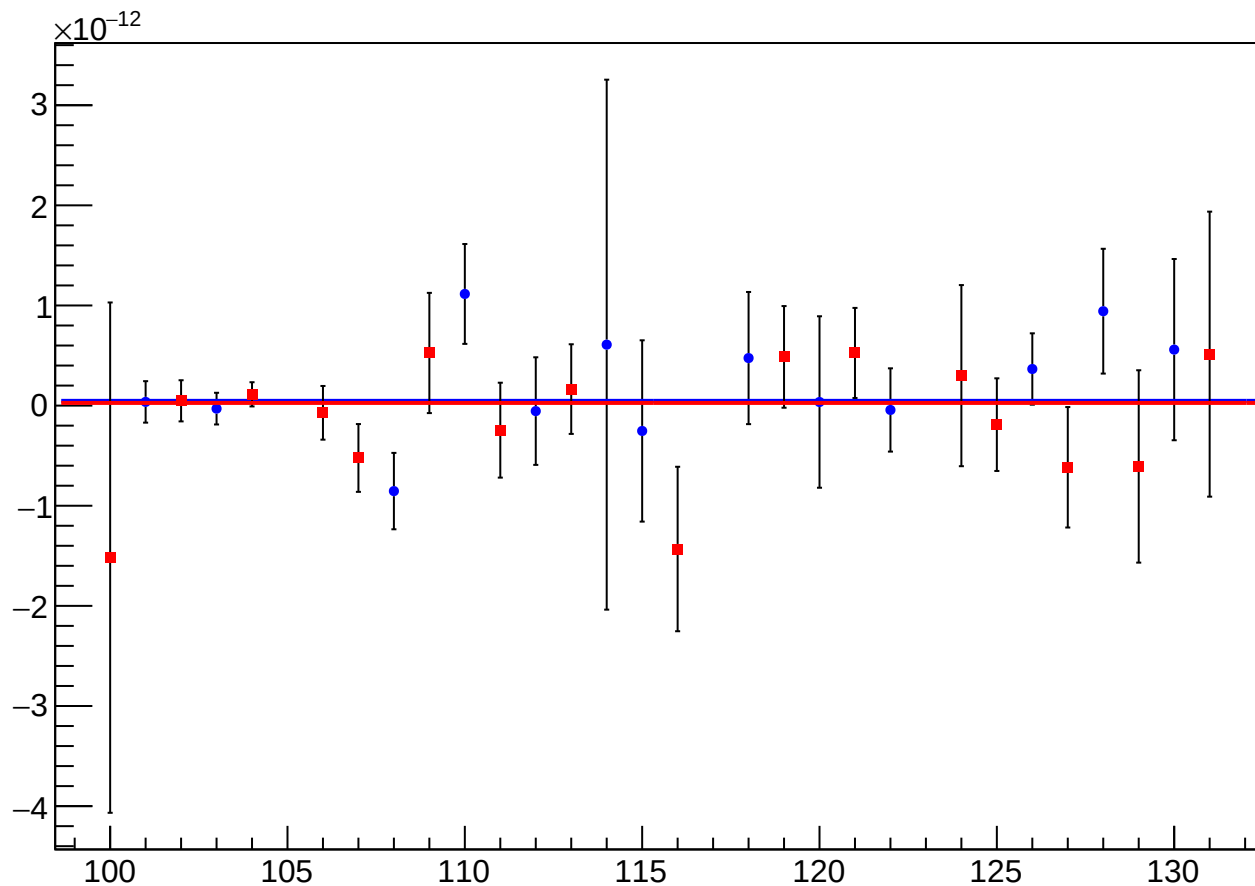
Right: 4327.196+/-0.931 χ^2/NDF : 1492326.1/28

In: 4508.317+/-1.408 χ^2/NDF : 747871.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4327.196+/-0.931 χ^2/NDF : 1492326.1/28

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

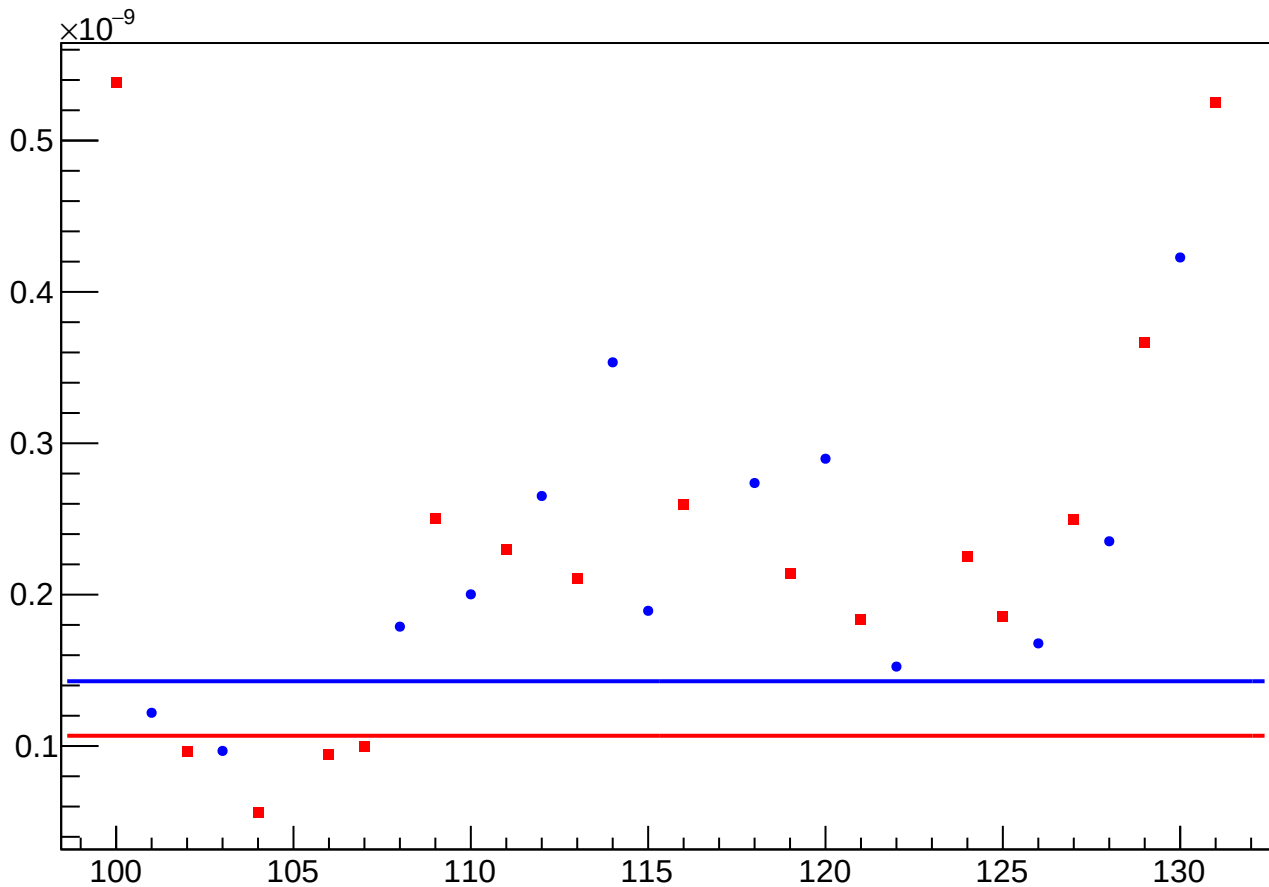
Right: 0.000+/-0.000 χ^2/NDF : 26.3/28

In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/28

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 739607.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1518586.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

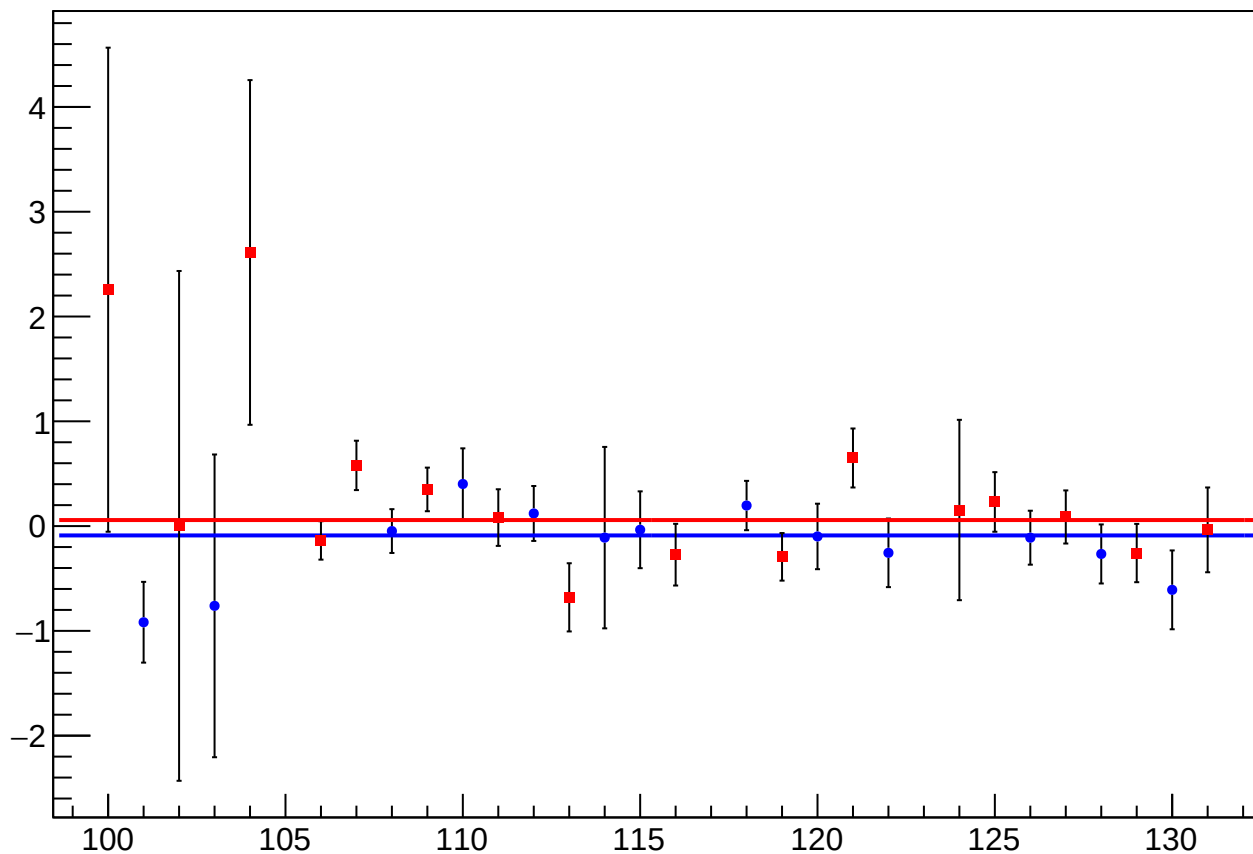
Right: 0.000+/-0.000 χ^2/NDF : 2412907.6/28

In: 0.000+/-0.000 χ^2/NDF : 739607.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2412907.6/28

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.058 ± 0.073 χ^2/NDF : 26.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

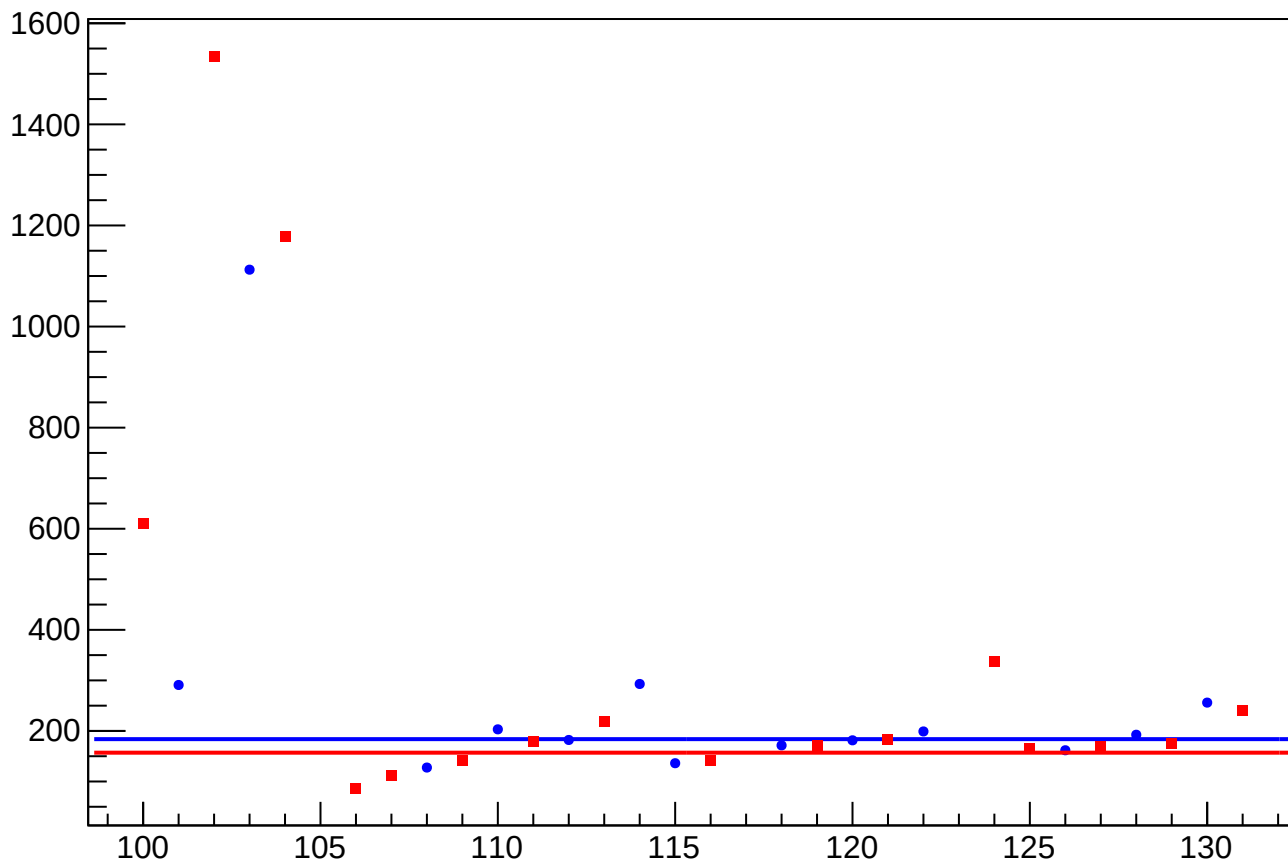
Right: -0.004 ± 0.056 χ^2/NDF : 39.6/28

In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.056 χ^2/NDF : 39.6/28

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.782 $\pm$ 0.061 χ^2 /NDF: 1298129.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.996 $\pm$ 0.052 χ^2 /NDF: 2180473.6/15

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

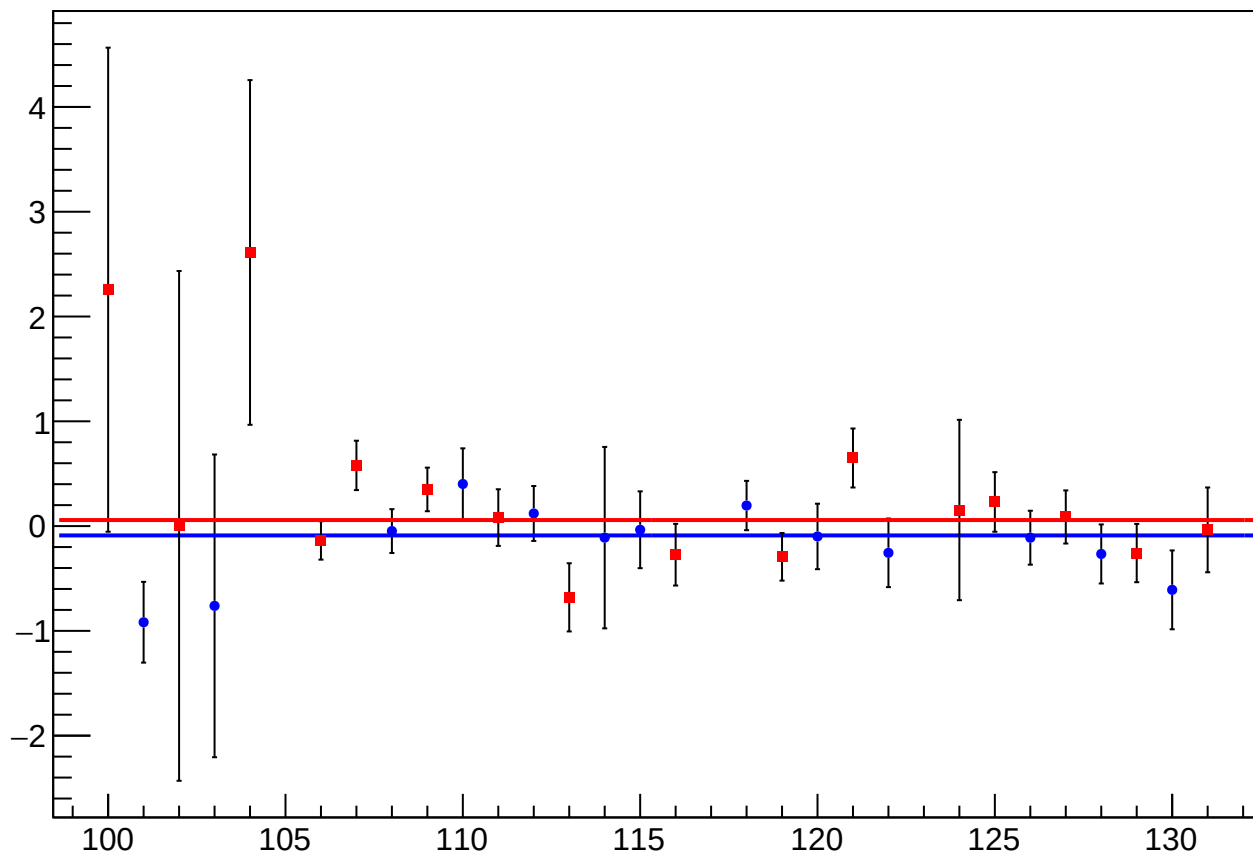
Right: 168.213 $\pm$ 0.039 χ^2 /NDF: 3590755.3/28

In: 183.782 $\pm$ 0.061 χ^2 /NDF:1298129.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.213 $\pm$ 0.039 χ^2 /NDF: 3590755.3/28

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.058 ± 0.073 χ^2/NDF : 26.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

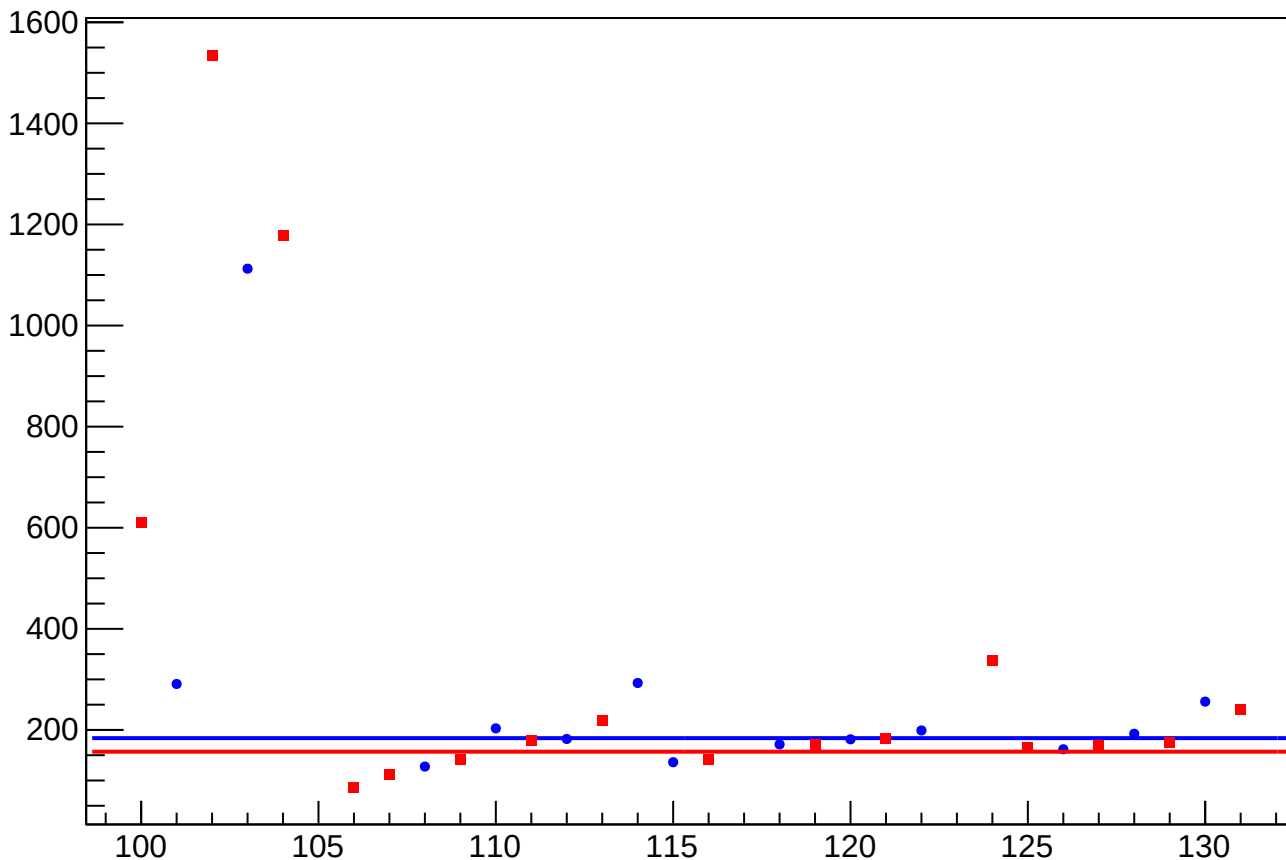
Right: -0.004 ± 0.056 χ^2/NDF : 39.6/28

In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.056 χ^2/NDF : 39.6/28

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.782+/-0.061 χ^2/NDF : 1298129.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.996+/-0.052 χ^2/NDF : 2180473.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

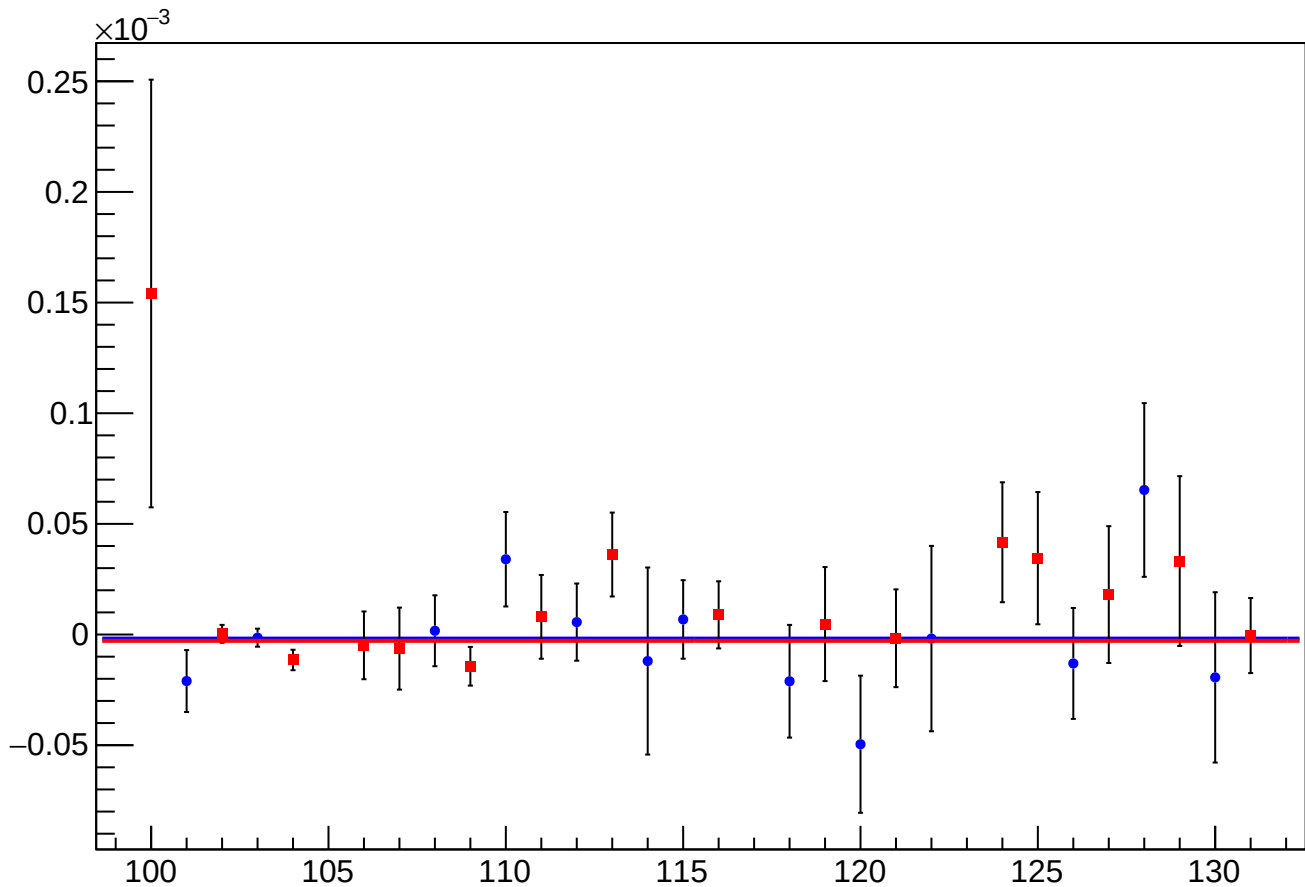
Right: 168.213+/-0.039 χ^2/NDF : 3590755.3/28

In: 183.782+/-0.061 χ^2/NDF : 1298129.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.213+/-0.039 χ^2/NDF : 3590755.3/28

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

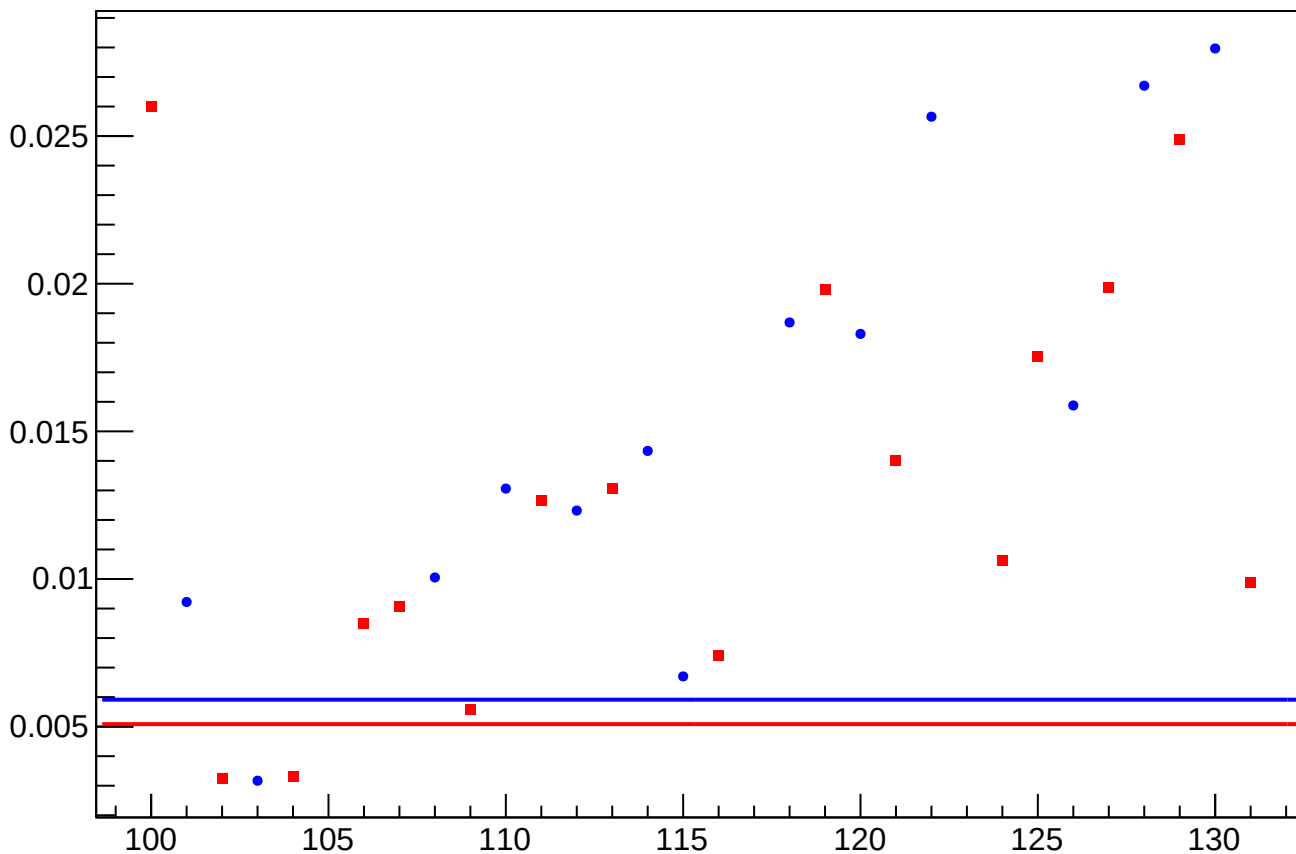
Right: -0.000+/-0.000 χ^2/NDF : 31.0/28

In: -0.000+/-0.000 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.0/28

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4530463.2/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 4280856.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.005+/-0.000

χ^2/NDF : 8885578.9/28

In: 0.006+/-0.000

χ^2/NDF : 4530463.2/12

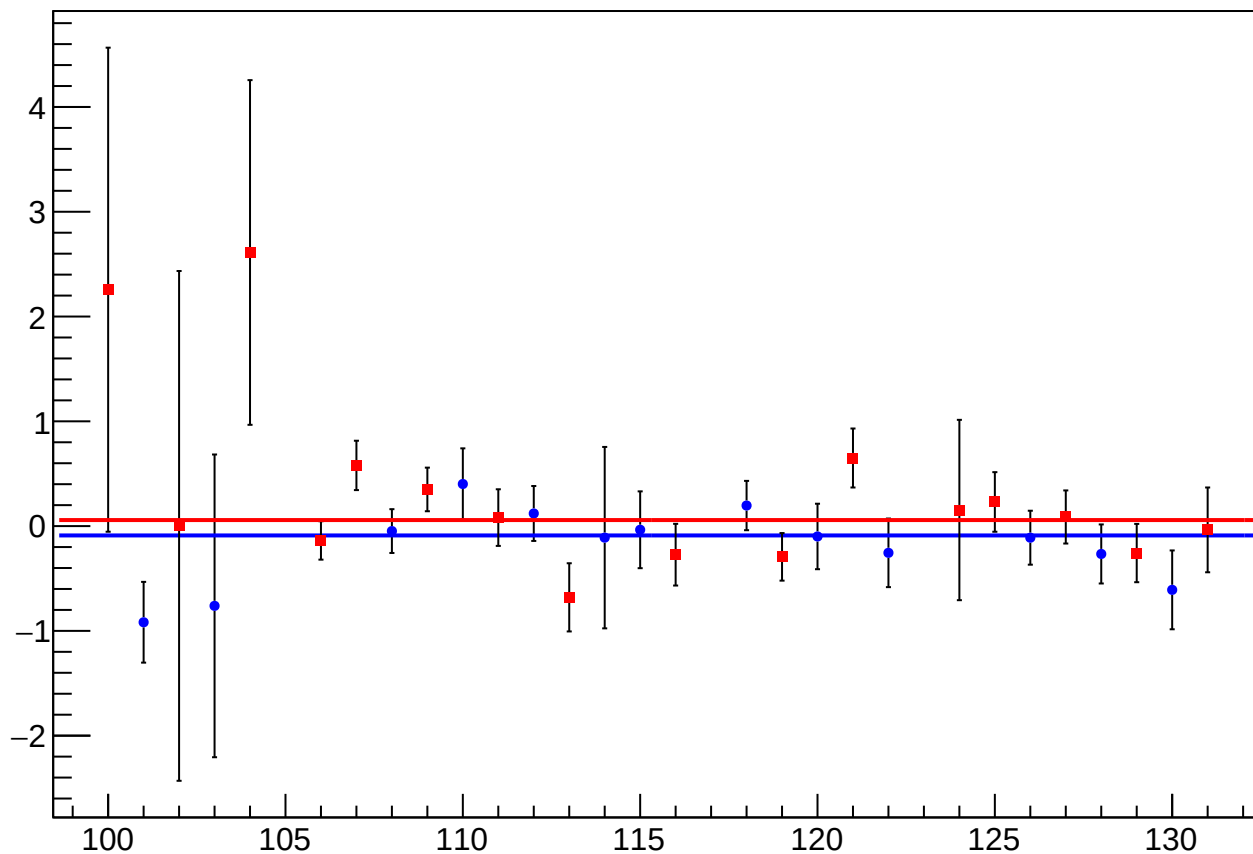
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.005+/-0.000

χ^2/NDF : 8885578.9/28

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.058 ± 0.073 χ^2/NDF : 26.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

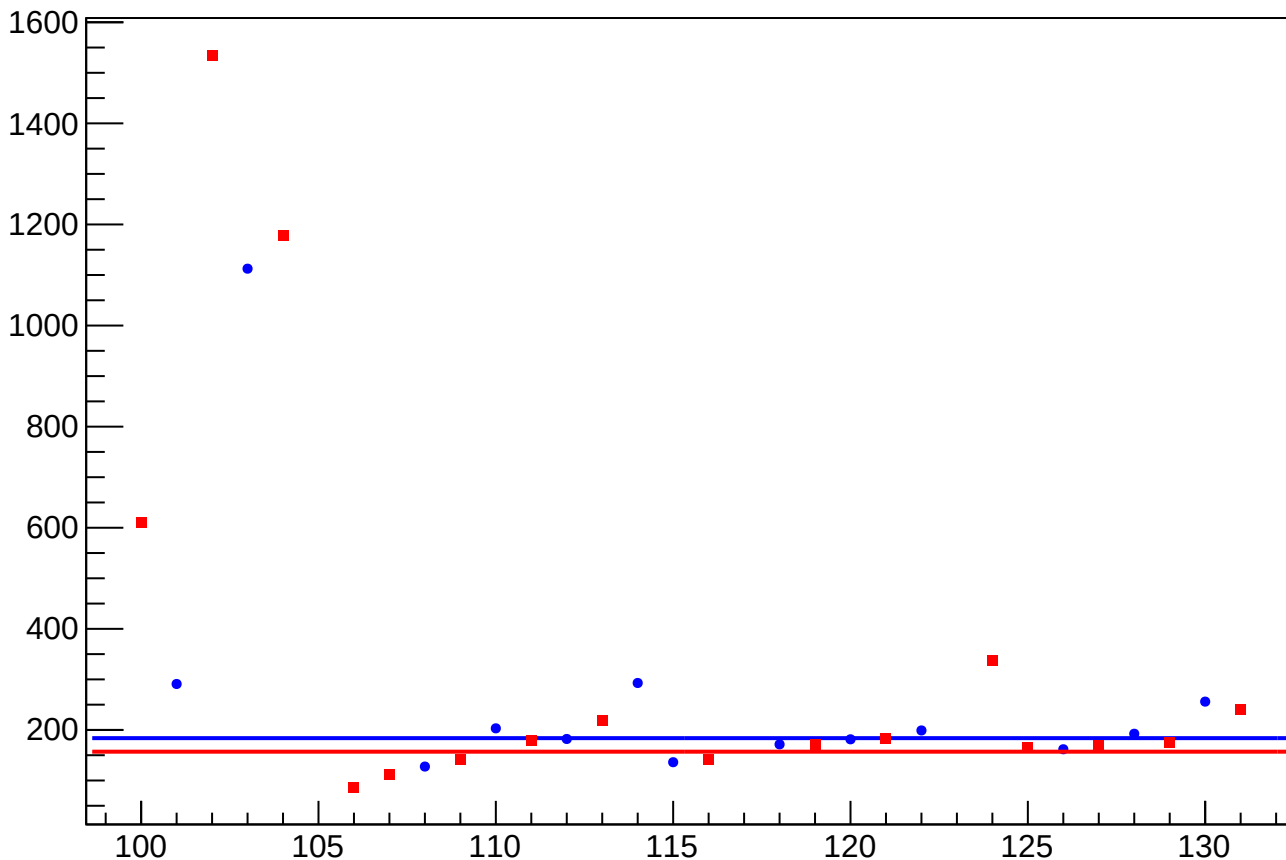
Right: -0.004 ± 0.056 χ^2/NDF : 39.6/28

In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.056 χ^2/NDF : 39.6/28

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.995+/-0.052 χ^2/NDF : 2180444.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

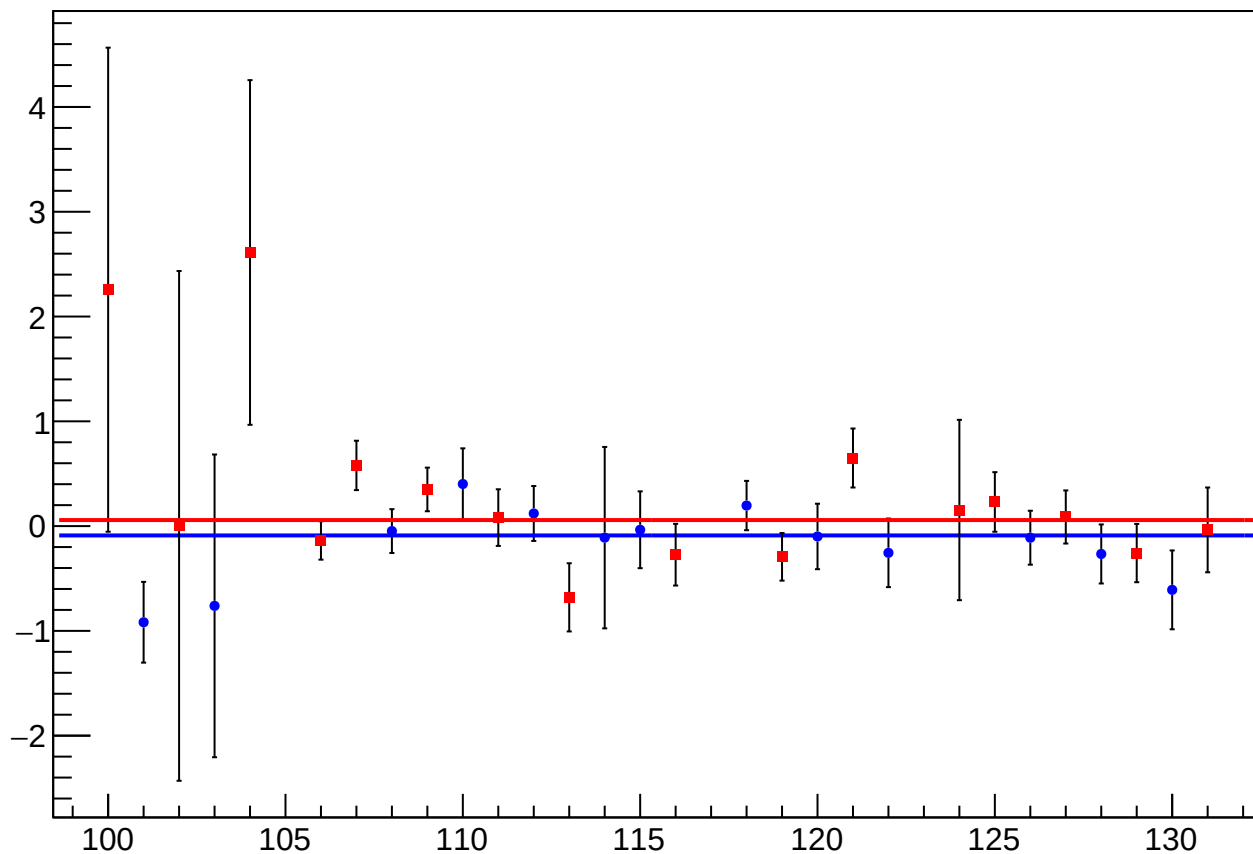
Right: 168.211+/-0.039 χ^2/NDF : 3590701.5/28

In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.211+/-0.039 χ^2/NDF : 3590701.5/28

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.058 ± 0.073 χ^2/NDF : 26.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

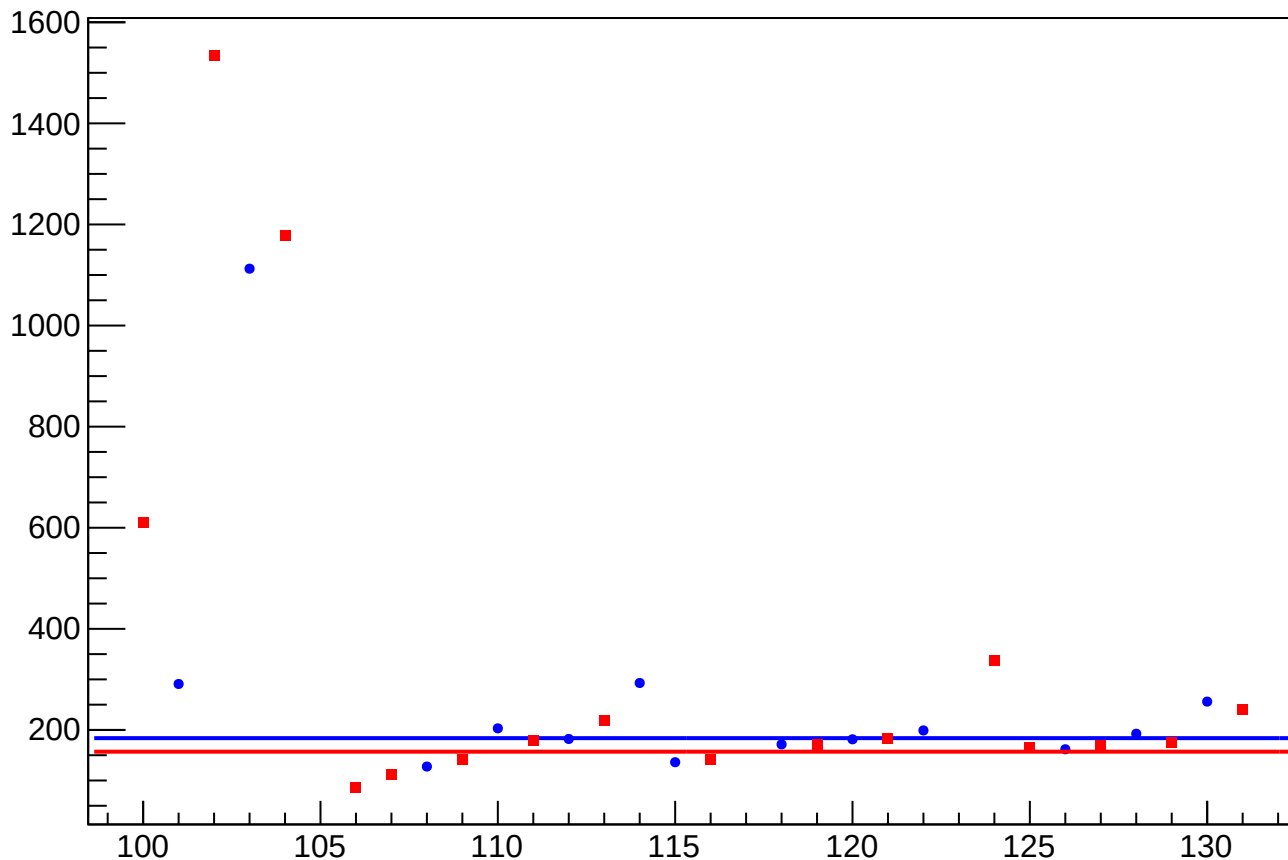
Right: -0.004 ± 0.056 χ^2/NDF : 39.6/28

In: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.056 χ^2/NDF : 39.6/28

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.995+/-0.052 χ^2/NDF : 2180444.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

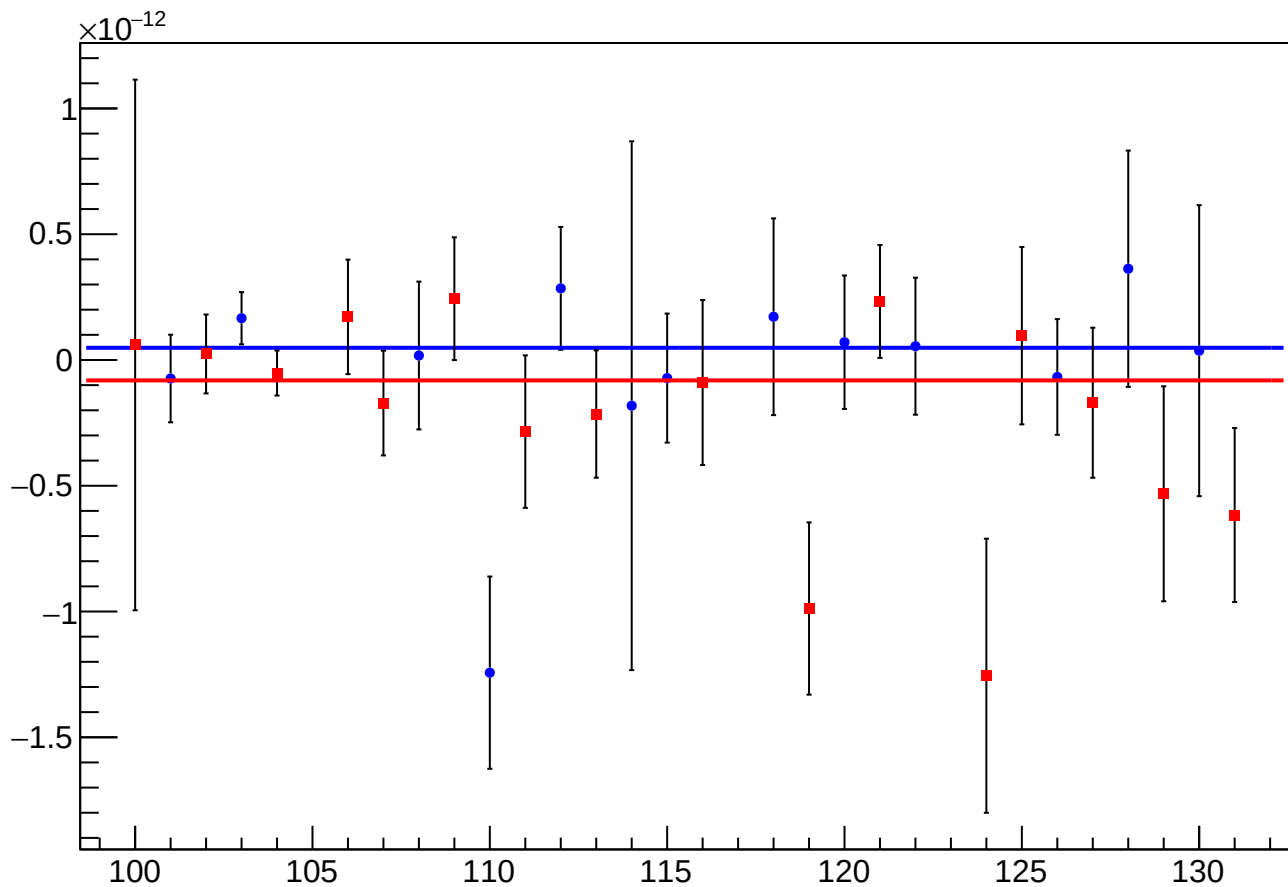
Right: 168.211+/-0.039 χ^2/NDF : 3590701.5/28

In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.211+/-0.039 χ^2/NDF : 3590701.5/28

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

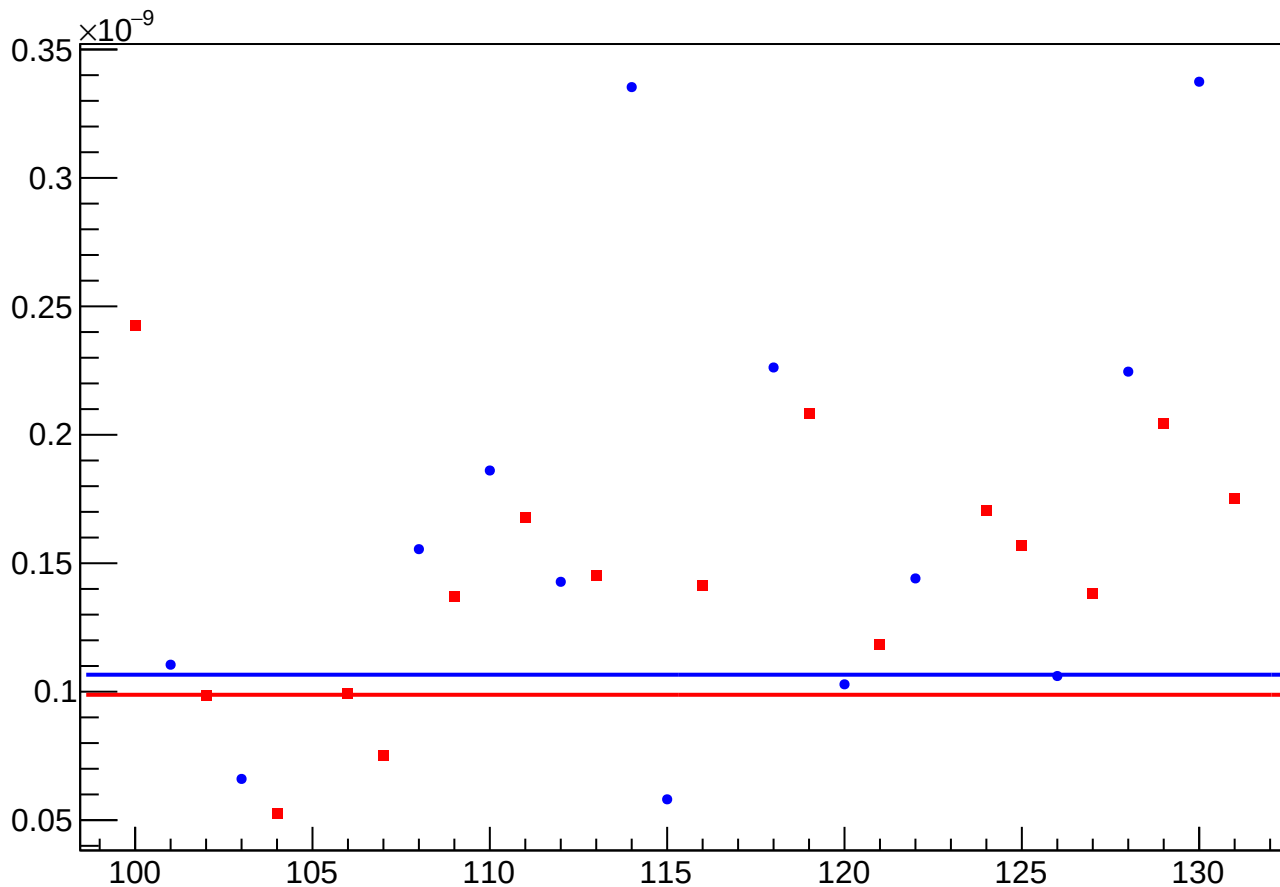
Right: -0.000+/-0.000 χ^2/NDF : 39.5/28

In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.5/28

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1328302.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1413650.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

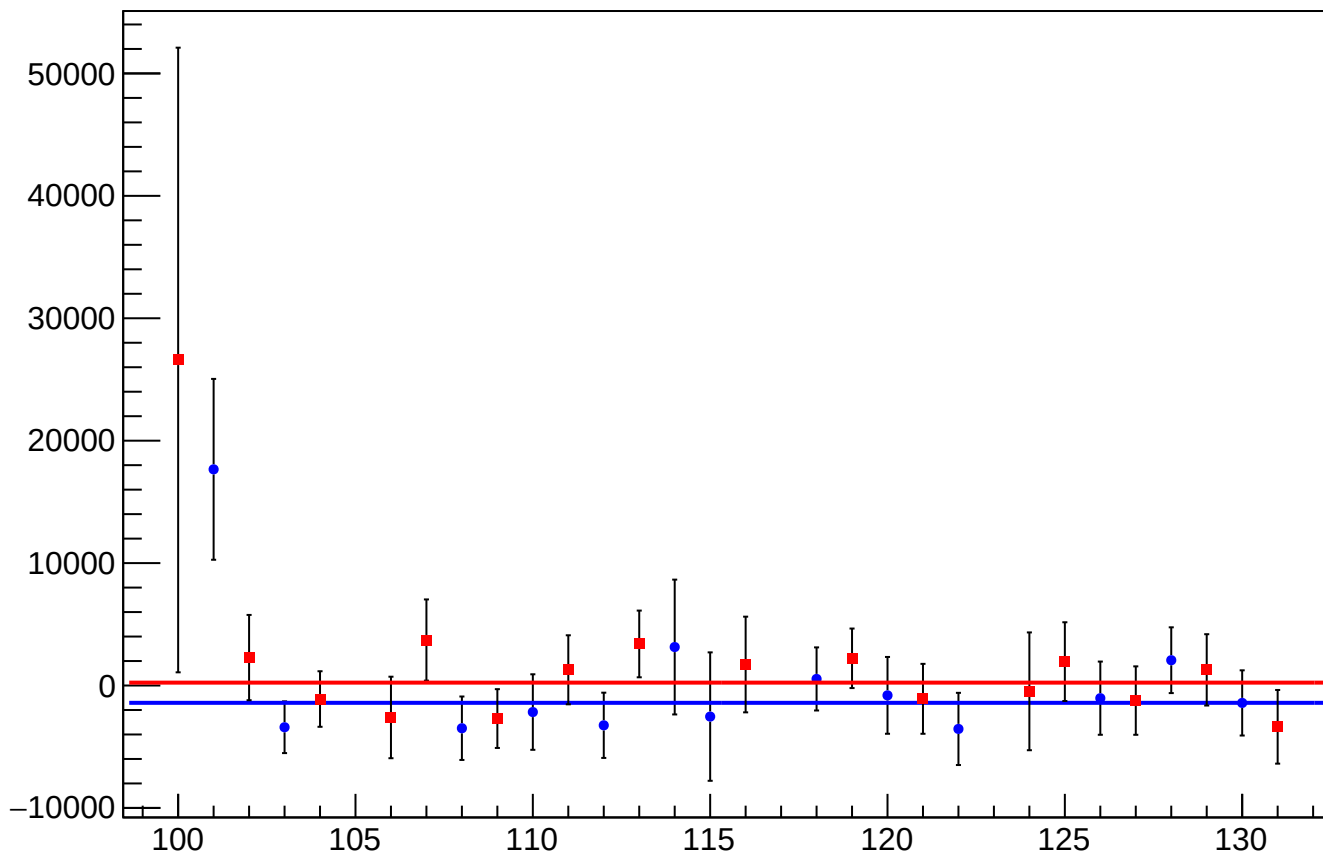
Right: 0.000+/-0.000 χ^2/NDF : 2758746.7/28

In: 0.000+/-0.000 χ^2/NDF : 1328302.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2758746.7/28

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1414.144+/-826.166 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.693+/-756.642 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

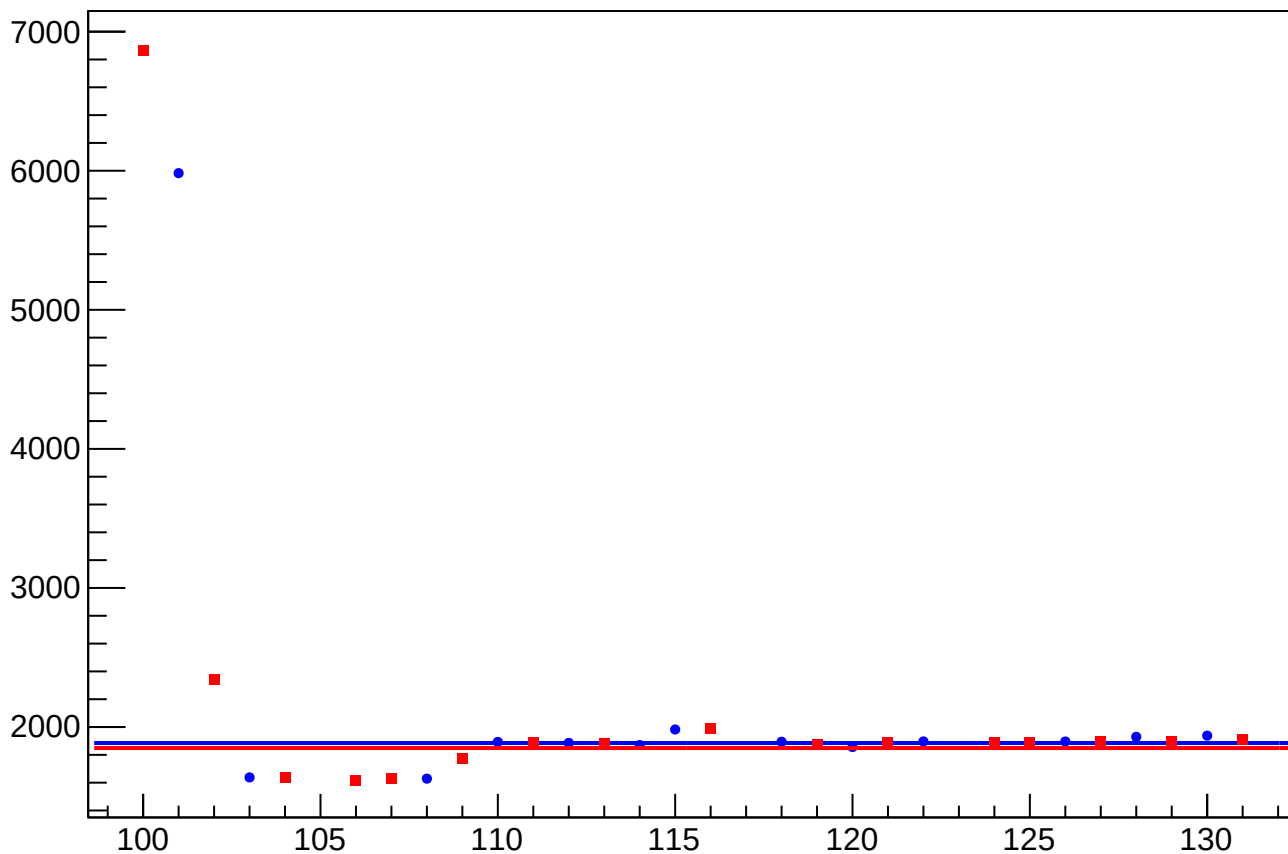
Right: -516.897+/-557.989 χ^2/NDF : 24.2/28

In: -1414.144+/-826.166 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.897+/-557.989 χ^2/NDF : 24.2/28

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.144+/-0.584 χ^2/NDF : 664689.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.907+/-0.533 χ^2/NDF : 164035.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

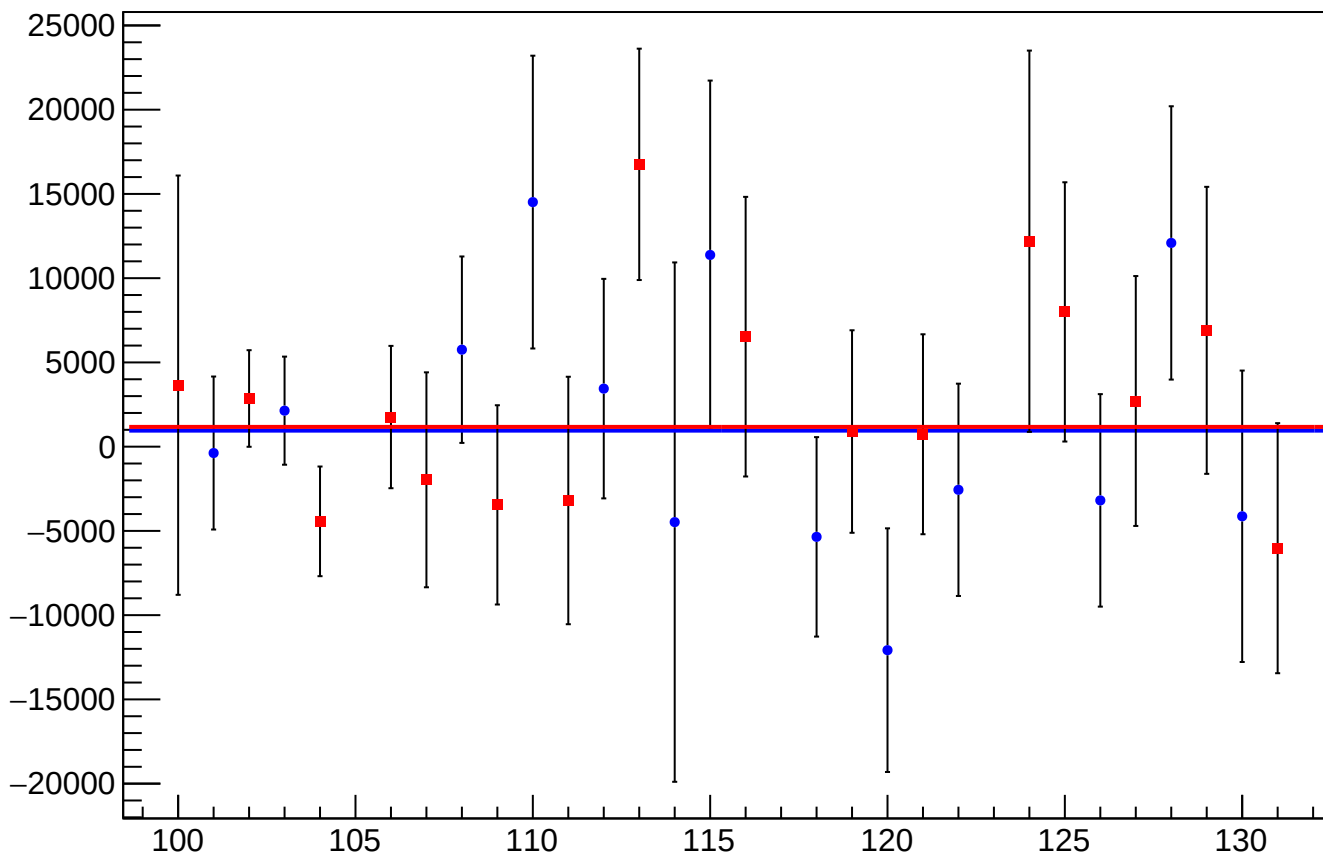
Right: 1865.366+/-0.394 χ^2/NDF : 830824.6/28

In: 1885.144+/-0.584 χ^2/NDF : 664689.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.366+/-0.394 χ^2/NDF : 830824.6/28

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 951.862 $\pm$ 1677.713 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1173.087 $\pm$ 1390.783 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

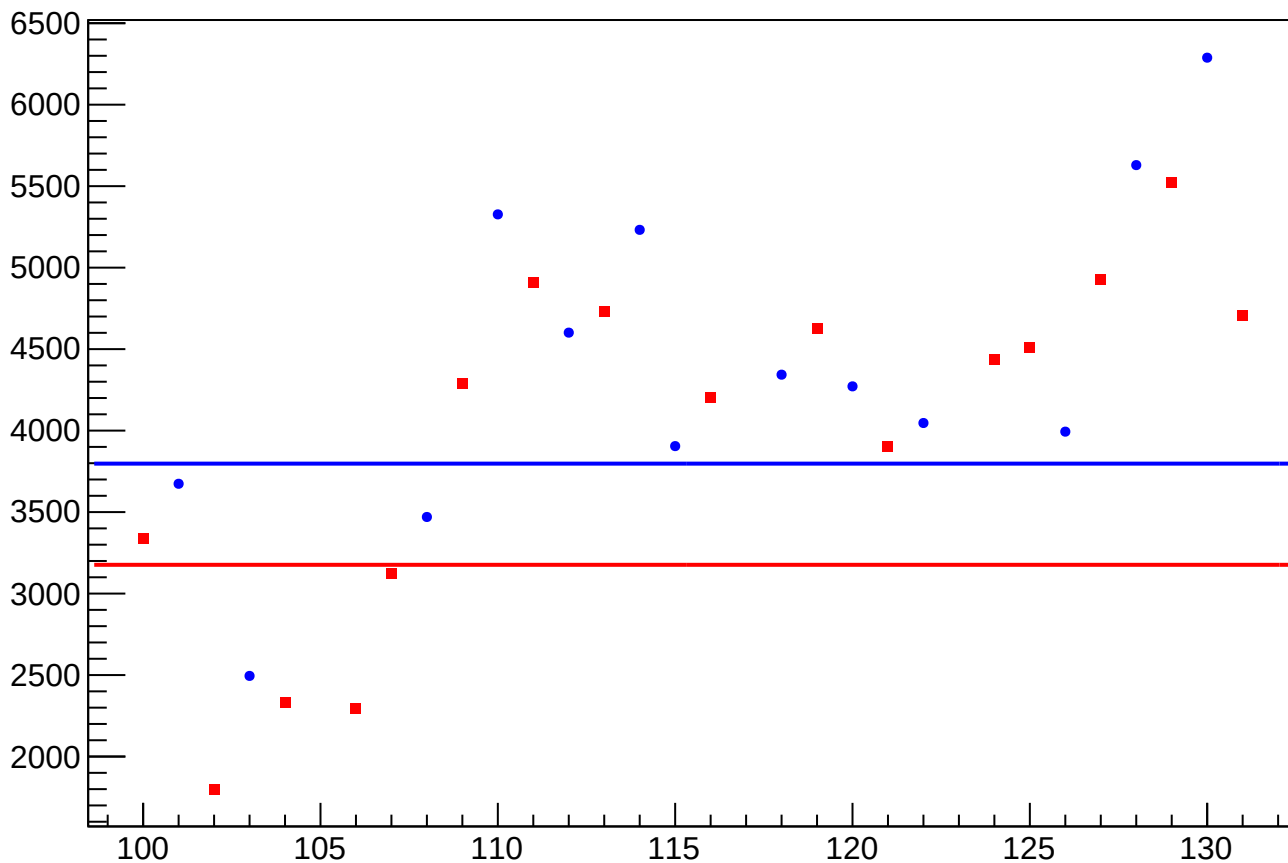
Right: 1082.982 $\pm$ 1070.720 χ^2 /NDF: 25.4/28

In: 951.862 $\pm$ 1677.713 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1082.982 $\pm$ 1070.720 χ^2 /NDF: 25.4/28

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3797.388+/-1.186 χ^2/NDF : 746765.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3176.492+/-0.983 χ^2/NDF : 1577766.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

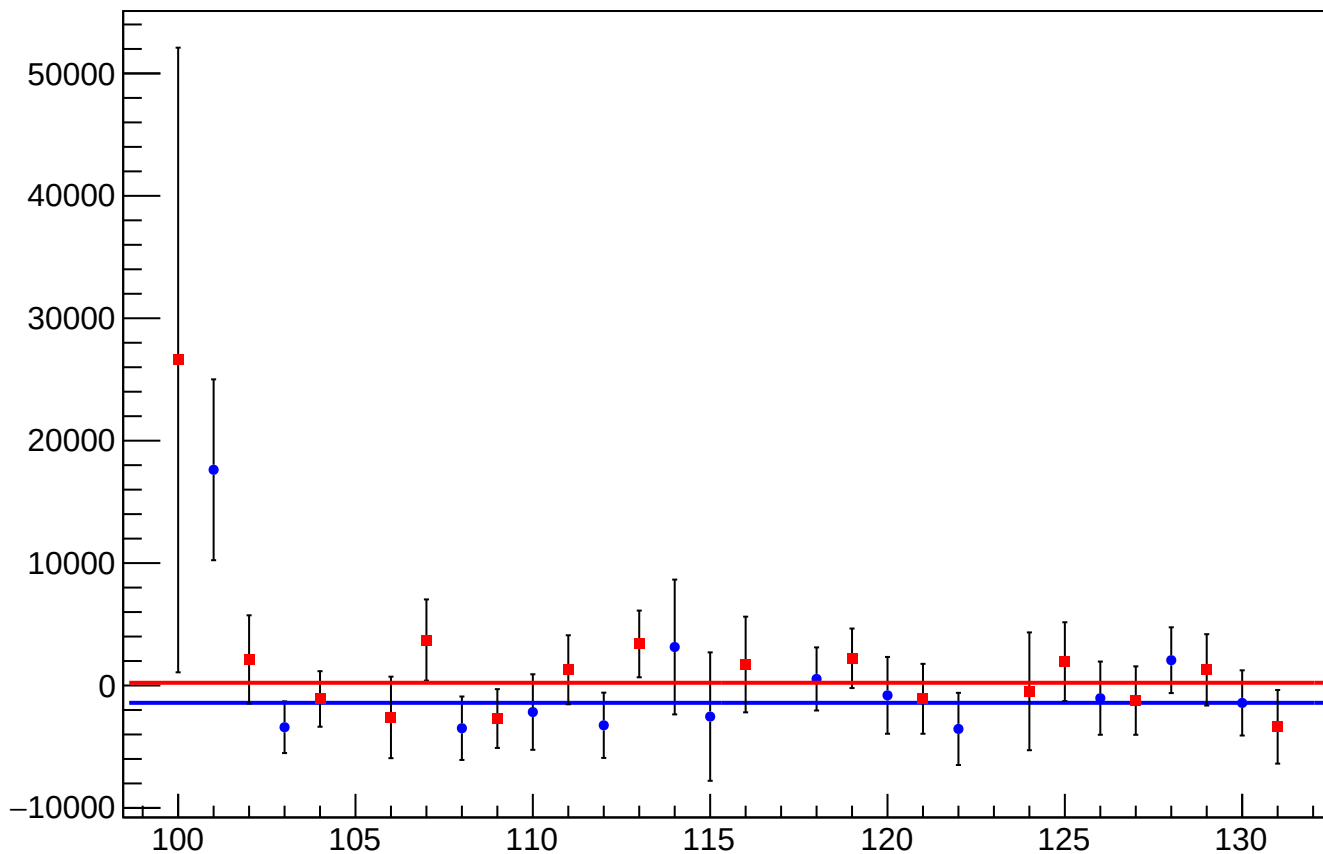
Right: 3429.384+/-0.757 χ^2/NDF : 2486887.2/28

In: 3797.388+/-1.186 χ^2/NDF : 746765.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3429.384+/-0.757 χ^2/NDF : 2486887.2/28

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.246+/-757.826 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

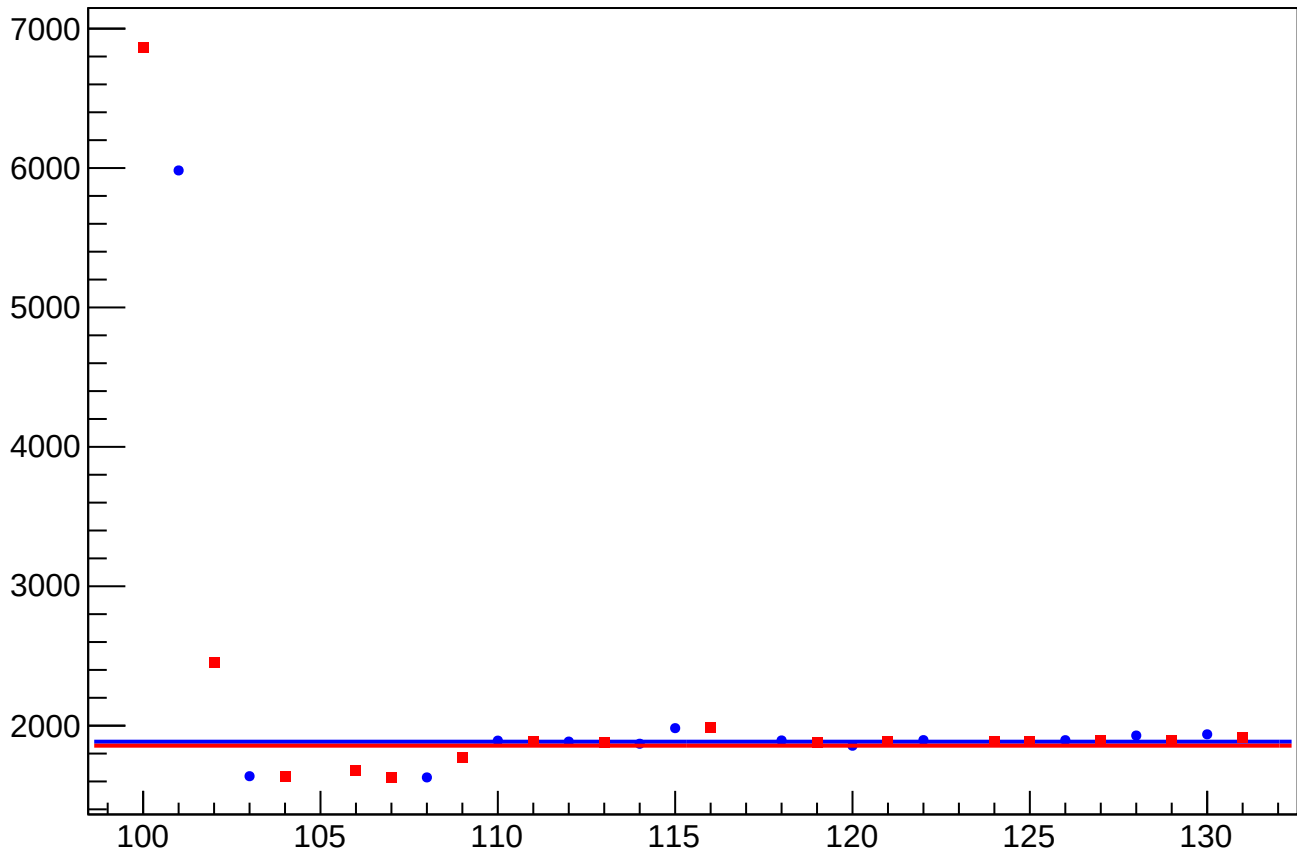
Right: -525.138+/-558.464 χ^2/NDF : 24.1/28

In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.138+/-558.464 χ^2/NDF : 24.1/28

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.552+/-0.535 χ^2/NDF : 174293.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

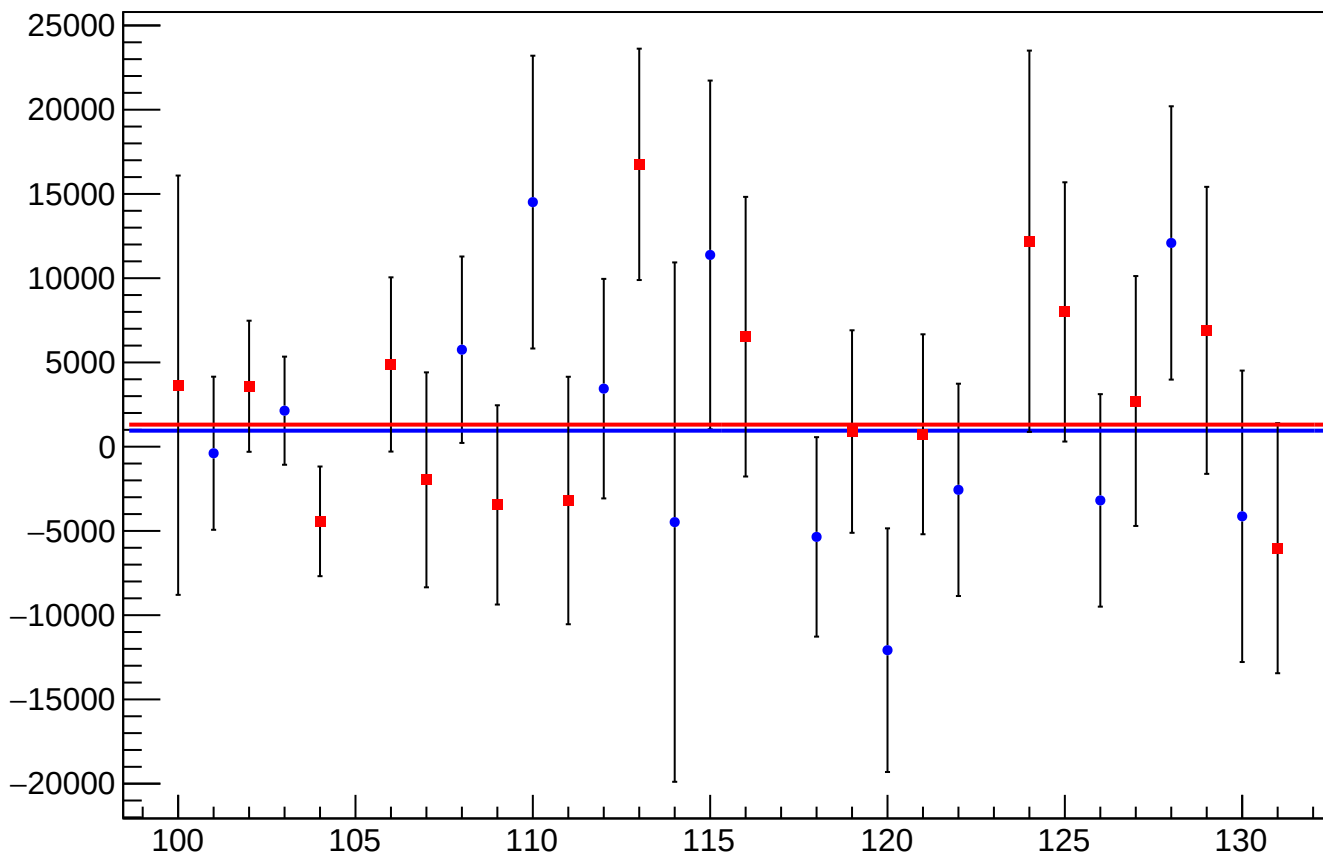
Right: 1869.591+/-0.395 χ^2/NDF : 840286.1/28

In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.591+/-0.395 χ^2/NDF : 840286.1/28

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.416+/-1502.896 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

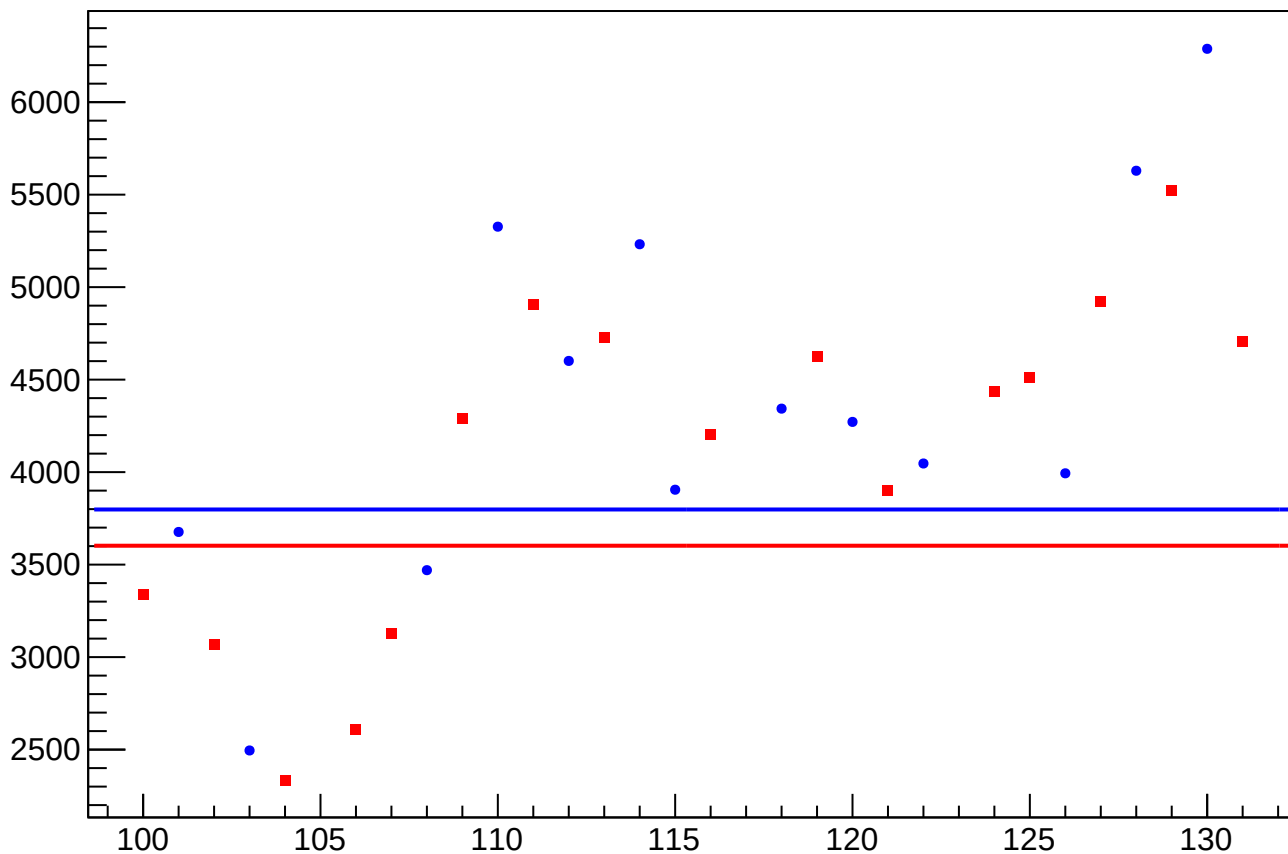
Right: 1149.531+/-1119.503 χ^2/NDF : 25.9/28

In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.531+/-1119.503 χ^2/NDF : 25.9/28

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3602.162+/-1.063 χ^2/NDF : 894042.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

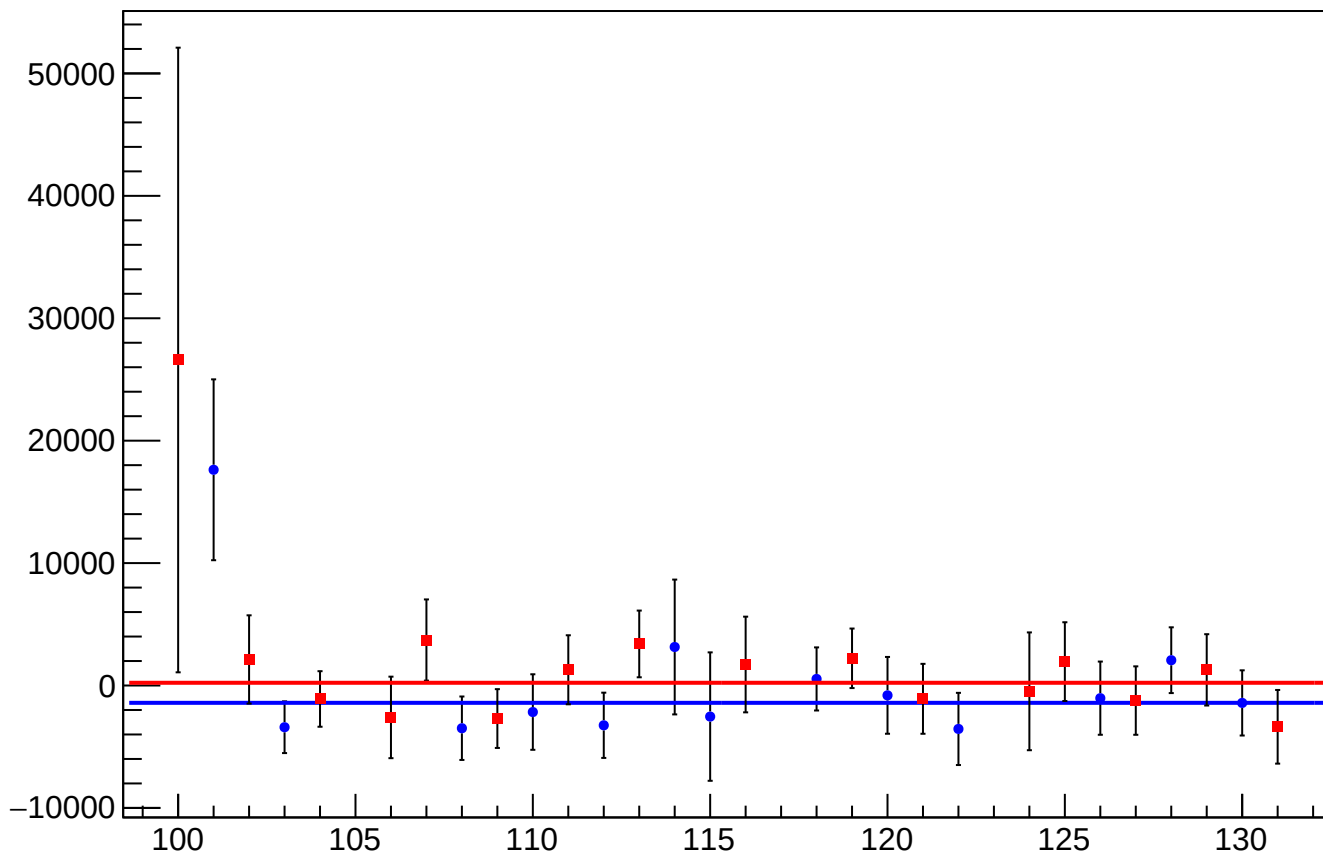
Right: 3689.358+/-0.792 χ^2/NDF : 1655505.3/28

In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3689.358+/-0.792 χ^2/NDF : 1655505.3/28

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.246+/-757.826 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

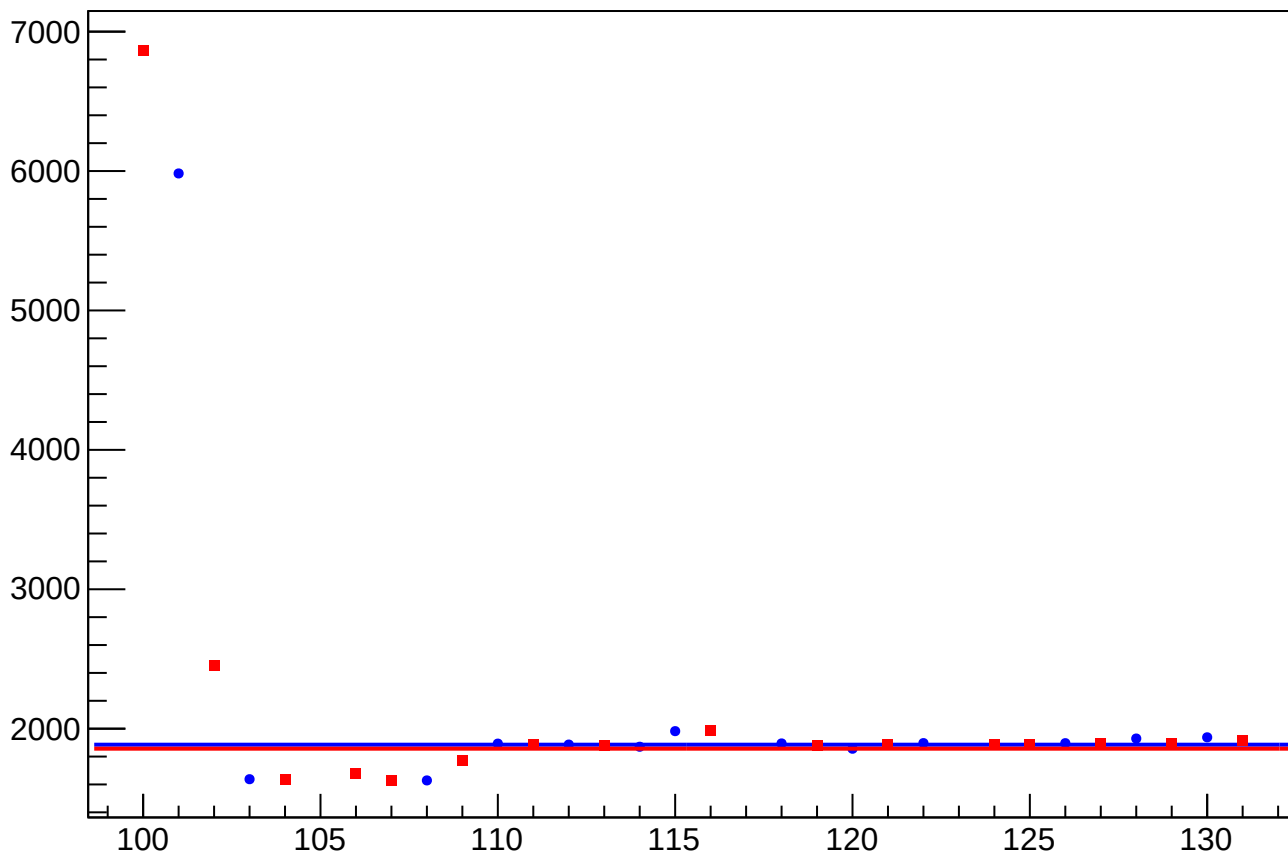
Right: -525.138+/-558.464 χ^2/NDF : 24.1/28

In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.138+/-558.464 χ^2/NDF : 24.1/28

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.552+/-0.535 χ^2/NDF : 174293.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

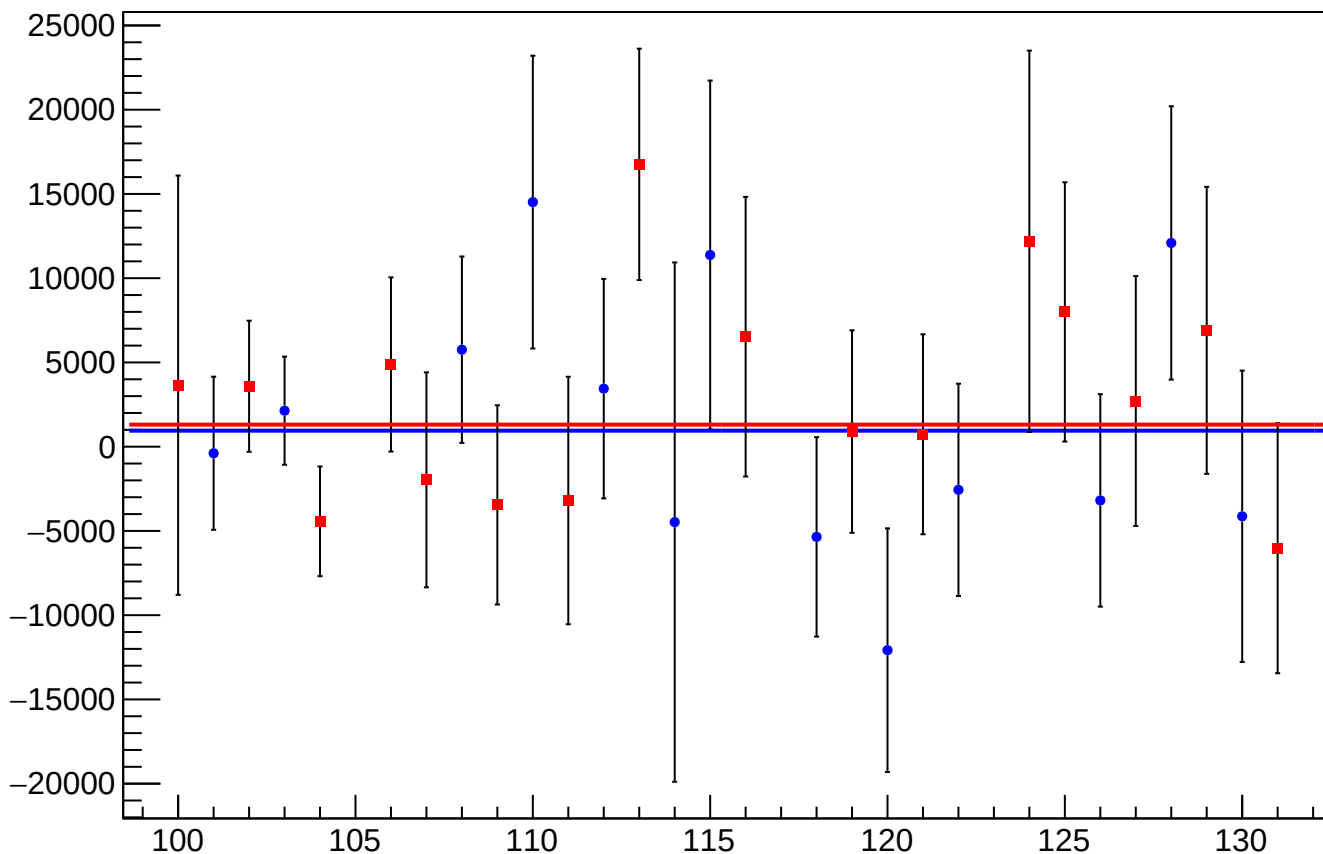
Right: 1869.591+/-0.395 χ^2/NDF : 840286.1/28

In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.591+/-0.395 χ^2/NDF : 840286.1/28

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.416+/-1502.896 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

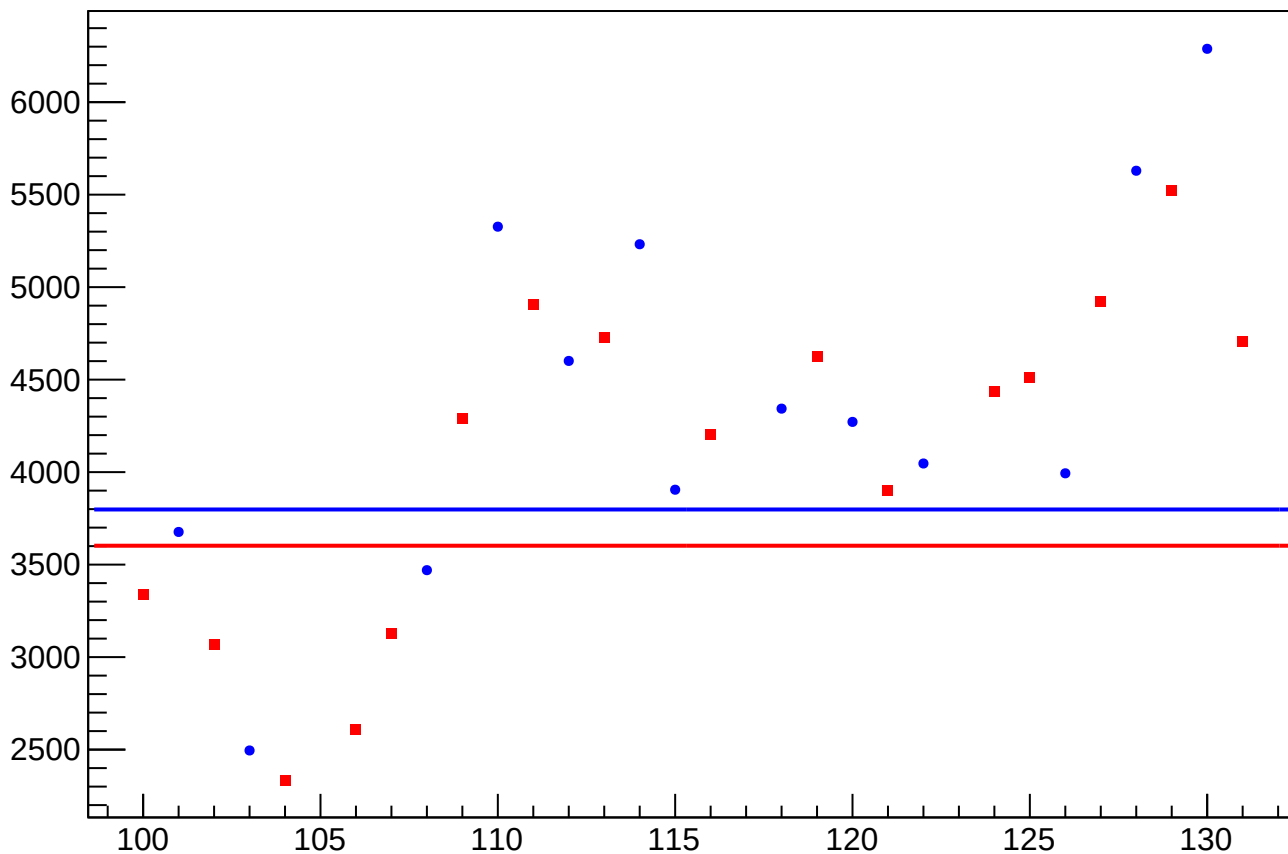
Right: 1149.531+/-1119.503 χ^2/NDF : 25.9/28

In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.531+/-1119.503 χ^2/NDF : 25.9/28

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3602.162+/-1.063 χ^2/NDF : 894042.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

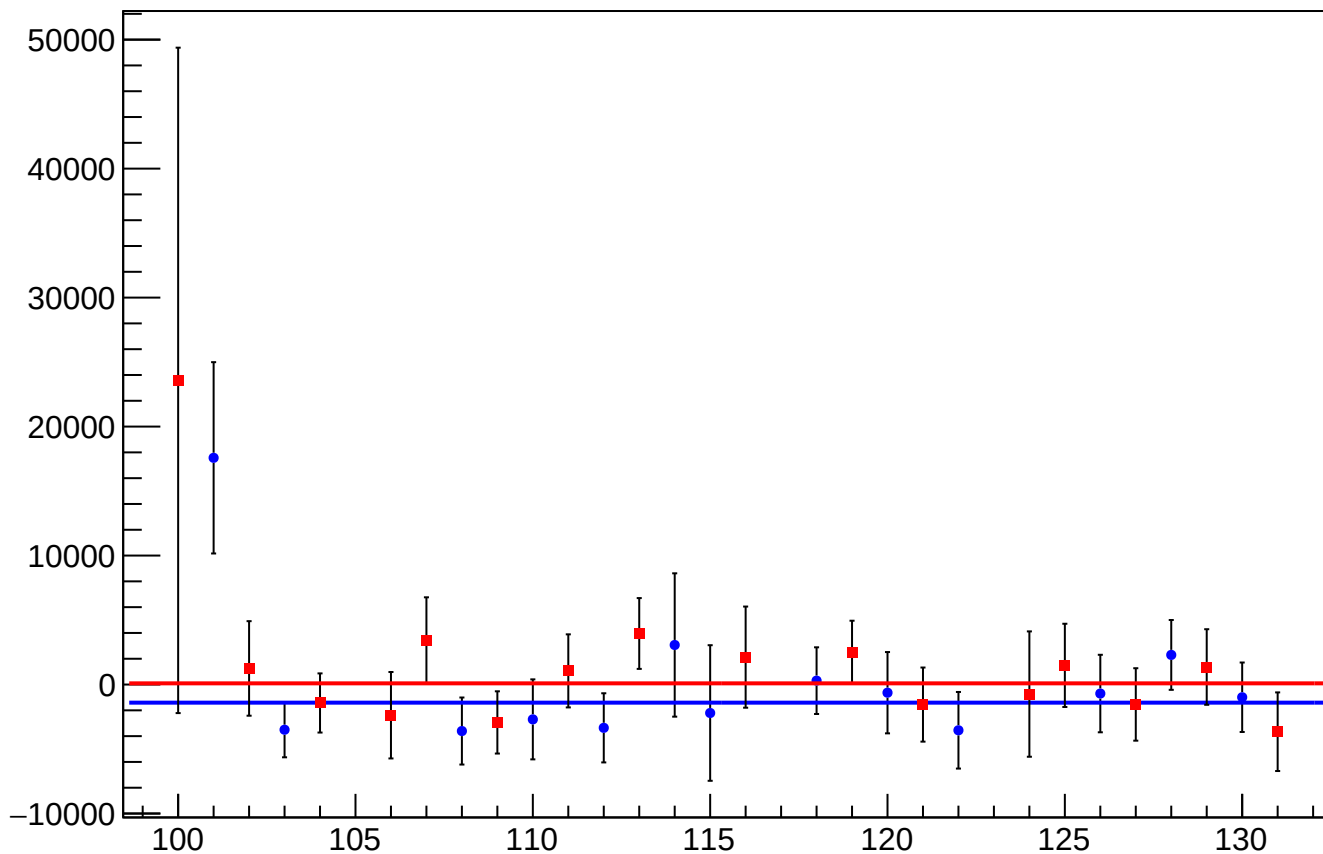
Right: 3689.358+/-0.792 χ^2/NDF : 1655505.3/28

In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3689.358+/-0.792 χ^2/NDF : 1655505.3/28

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1403.891+/-831.683 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.013+/-762.919 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

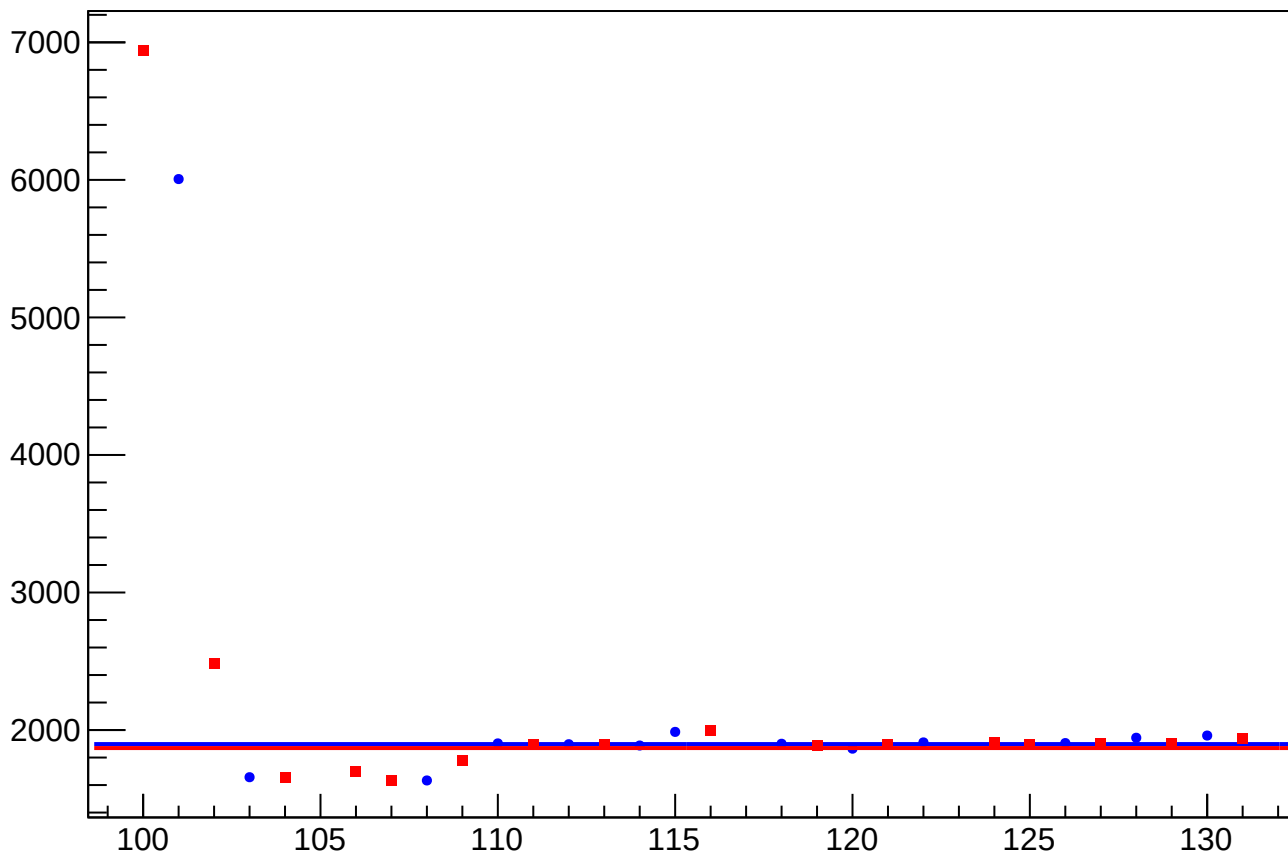
Right: -591.008+/-562.206 χ^2/NDF : 24.8/28

In: -1403.891+/-831.683 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.008+/-562.206 χ^2/NDF : 24.8/28

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1897.934+/-0.588 χ^2/NDF : 662279.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.938+/-0.539 χ^2/NDF : 173996.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

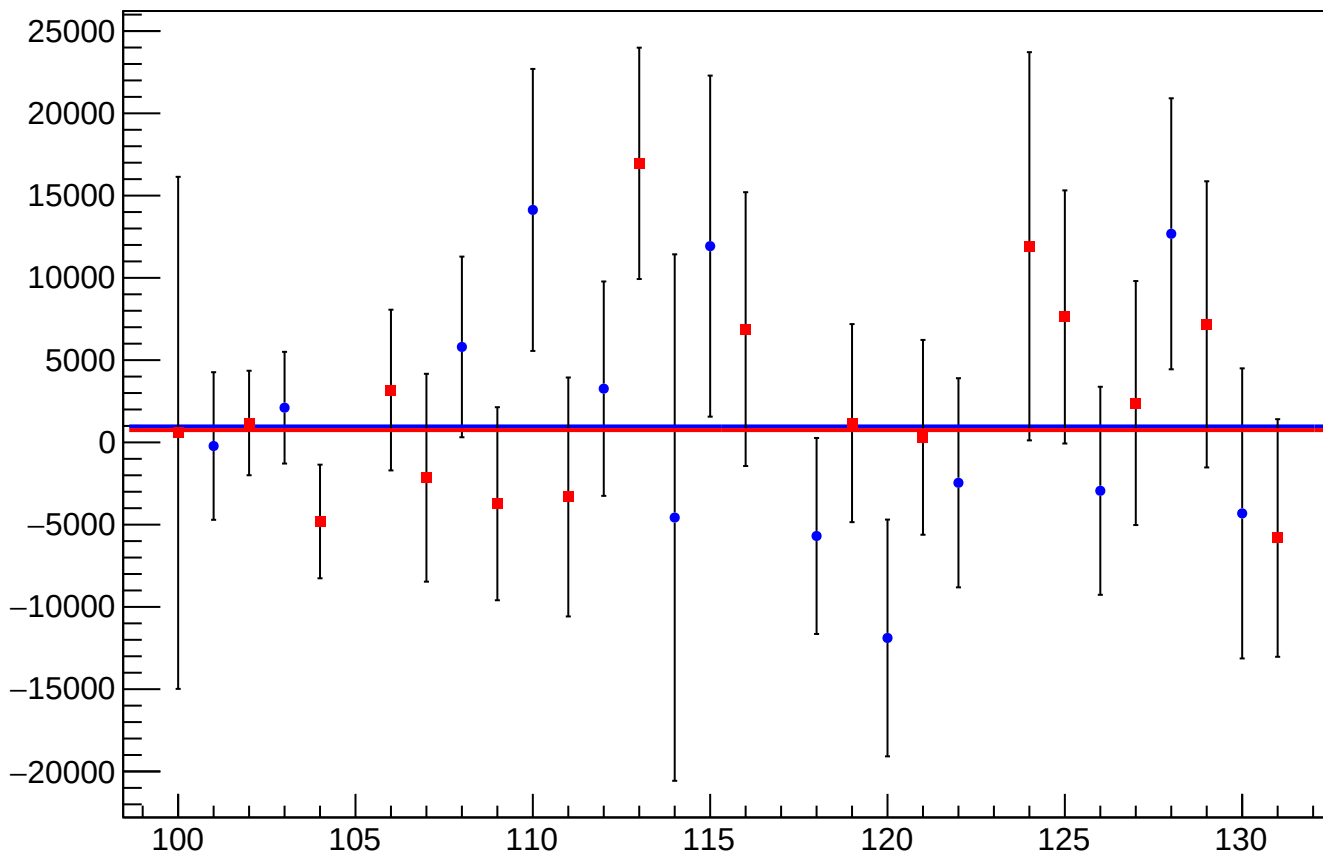
Right: 1882.170+/-0.397 χ^2/NDF : 837597.8/28

In: 1897.934+/-0.588 χ^2/NDF : 662279.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.170+/-0.397 χ^2/NDF : 837597.8/28

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 968.870+/-1702.697 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 746.888+/-1462.330 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

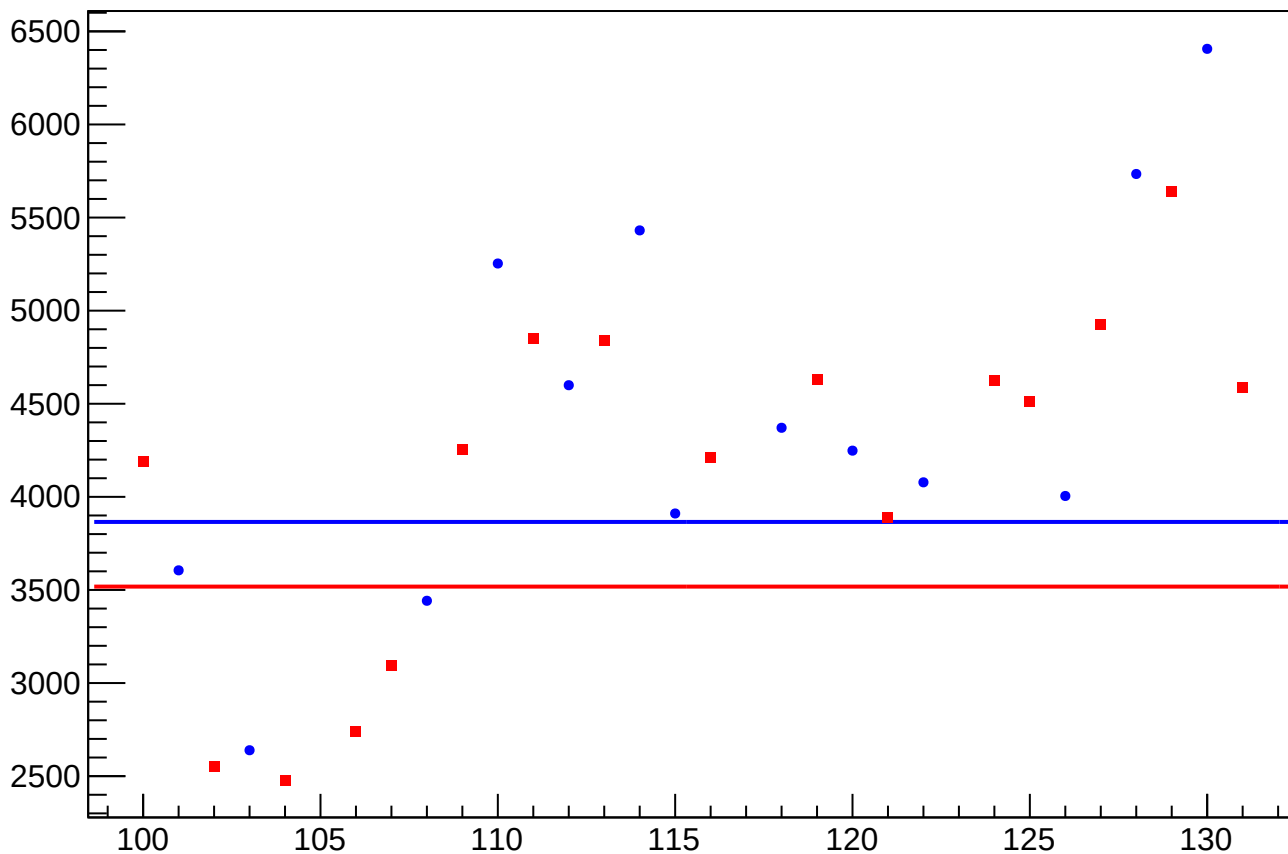
Right: 841.117+/-1109.357 χ^2/NDF : 25.1/28

In: 968.870+/-1702.697 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 841.117+/-1109.357 χ^2/NDF : 25.1/28

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3865.297+/-1.204 χ^2/NDF : 668994.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3517.995+/-1.034 χ^2/NDF : 975625.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

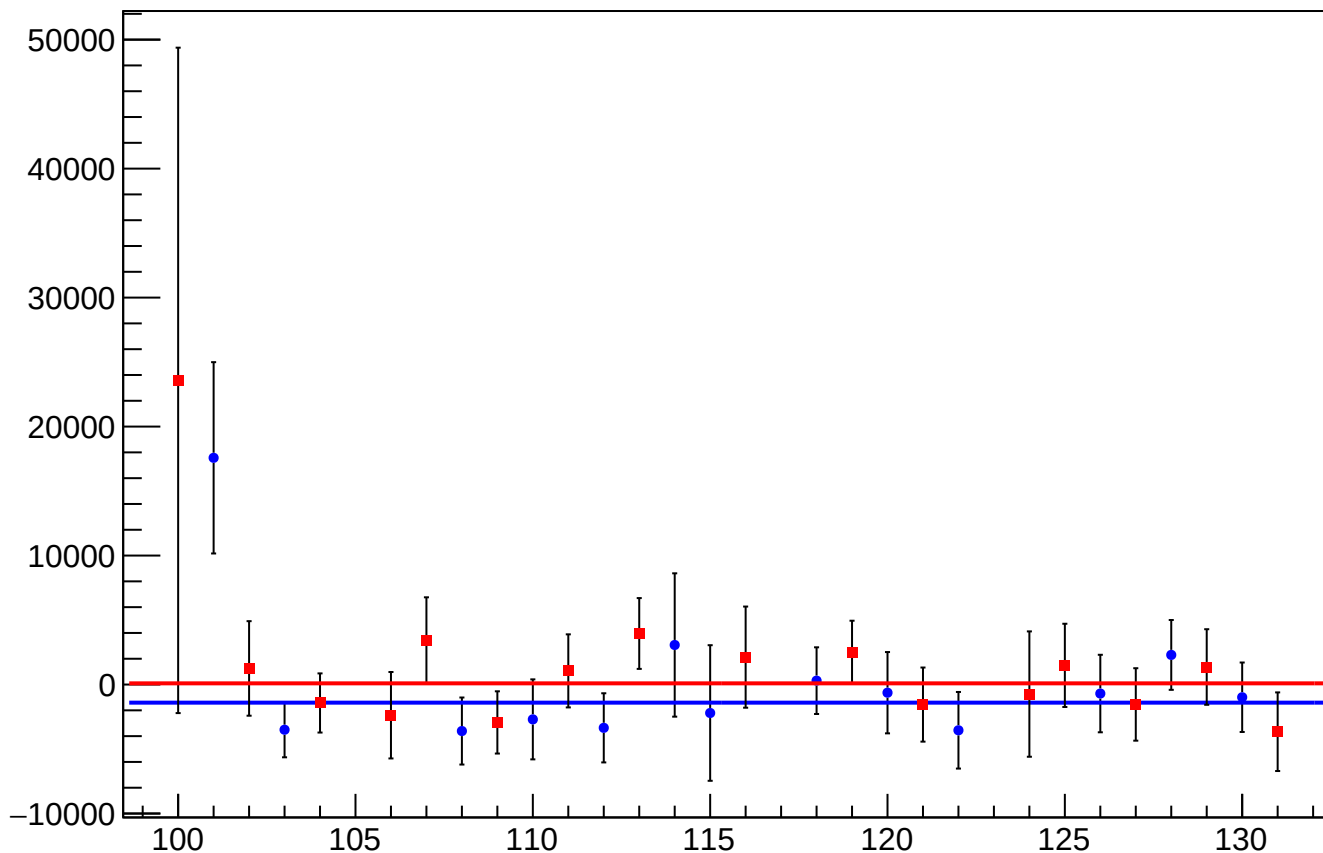
Right: 3665.422+/-0.784 χ^2/NDF : 1692508.0/28

In: 3865.297+/-1.204 χ^2/NDF : 668994.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3665.422+/-0.784 χ^2/NDF : 1692508.0/28

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1403.892+/-831.683 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.006+/-762.919 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

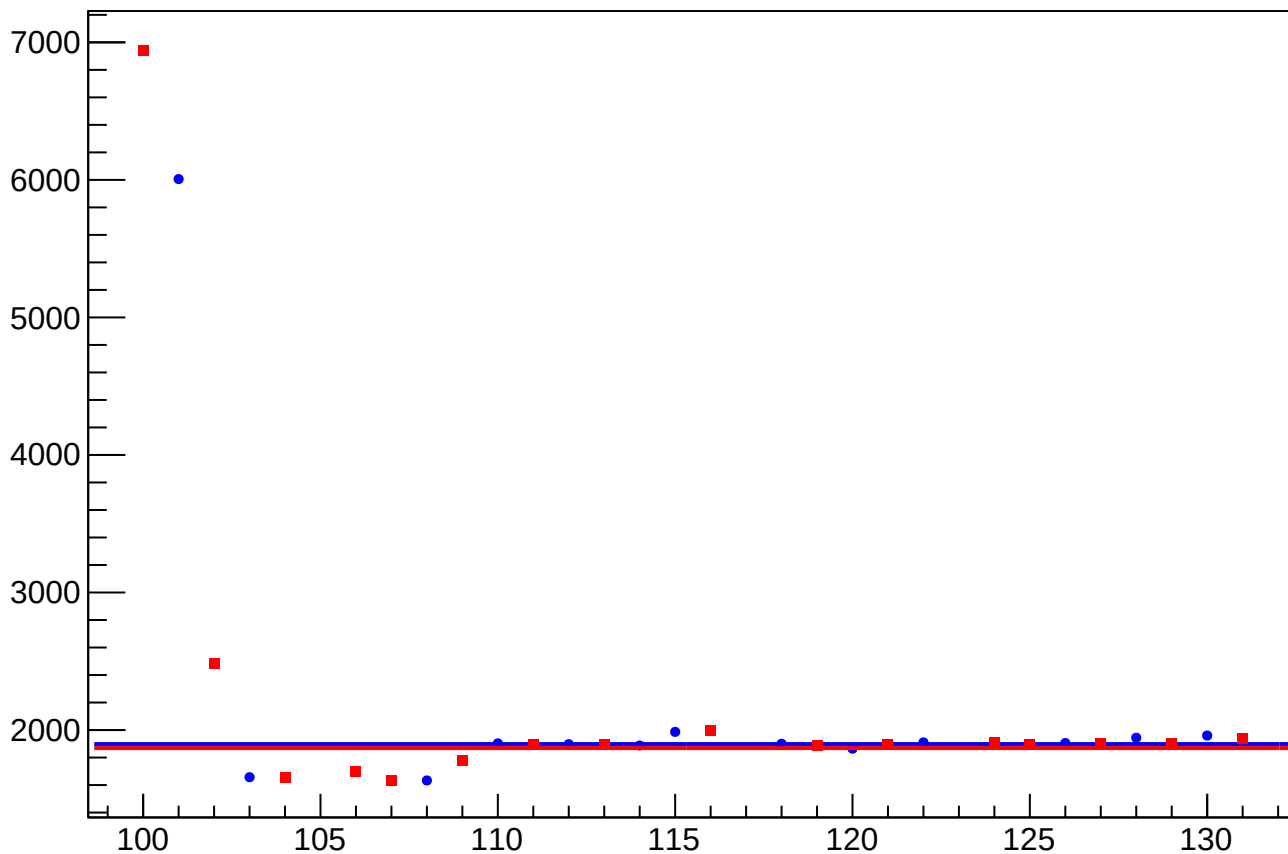
Right: -591.013+/-562.206 χ^2/NDF : 24.8/28

In: -1403.892+/-831.683 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.013+/-562.206 χ^2/NDF : 24.8/28

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1897.933+/-0.588 χ^2/NDF : 662279.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.938+/-0.539 χ^2/NDF : 173996.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

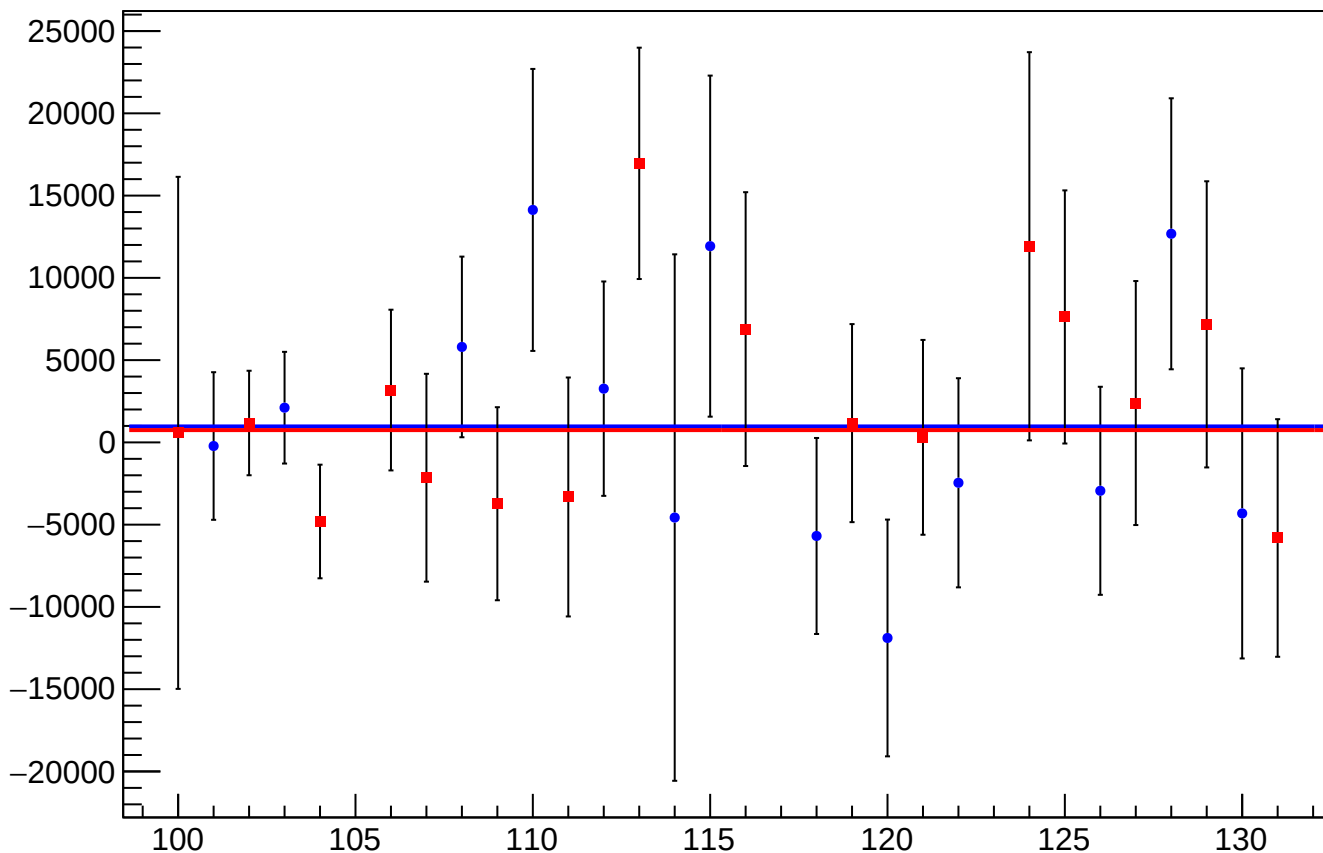
Right: 1882.170+/-0.397 χ^2/NDF : 837597.7/28

In: 1897.933+/-0.588 χ^2/NDF : 662279.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.170+/-0.397 χ^2/NDF : 837597.7/28

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 968.865 $\pm$ 1702.694 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 746.886 $\pm$ 1462.327 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

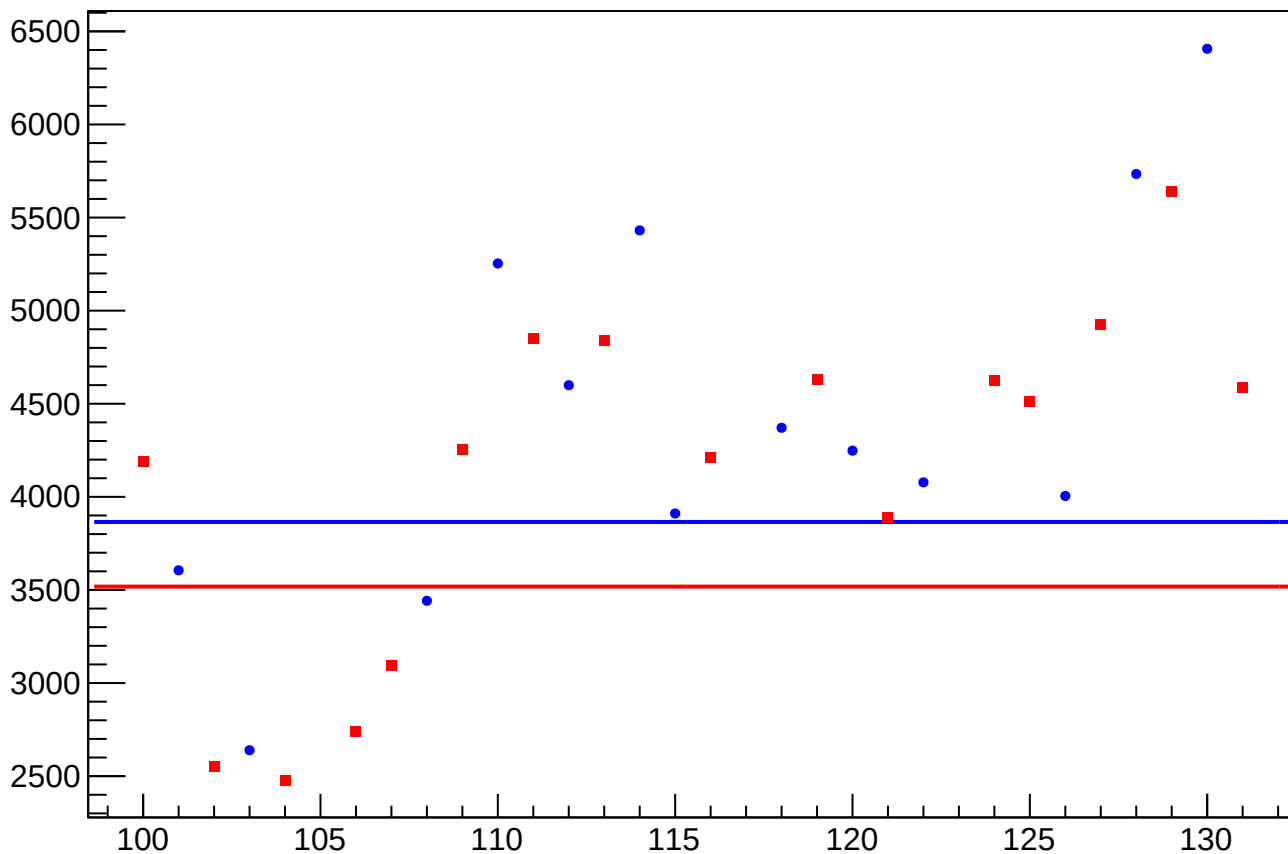
Right: 841.114 $\pm$ 1109.355 χ^2 /NDF: 25.1/28

In: 968.865 $\pm$ 1702.694 χ^2 /NDF:12.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 841.114 $\pm$ 1109.355 χ^2 /NDF: 25.1/28

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3865.291+/-1.204 χ^2/NDF : 668987.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3517.990+/-1.034 χ^2/NDF : 975617.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

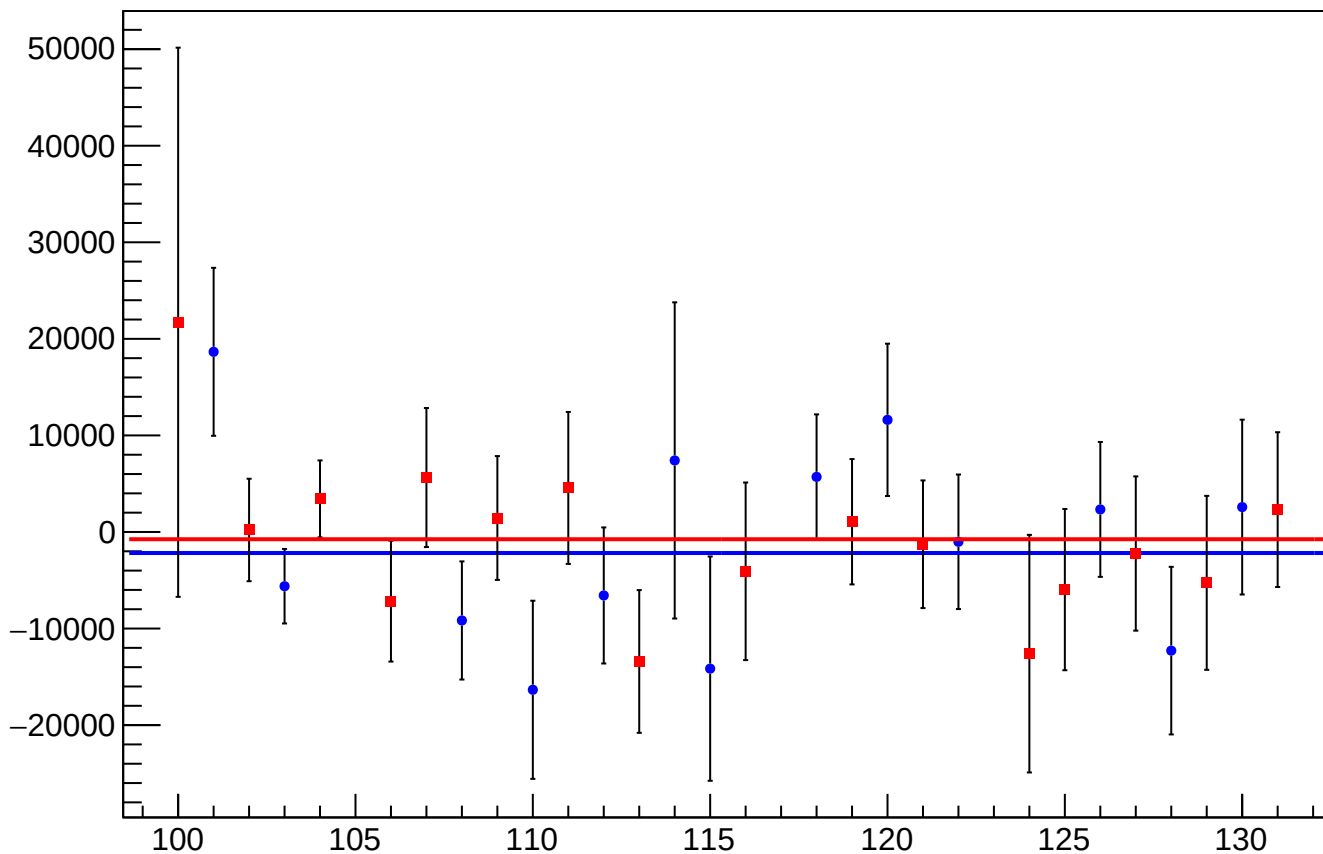
Right: 3665.416+/-0.784 χ^2/NDF : 1692492.3/28

In: 3865.291+/-1.204 χ^2/NDF : 668987.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3665.416+/-0.784 χ^2/NDF : 1692492.3/28

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2178.732 $\pm$ 1973.600 χ^2 /NDF: 18.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -750.519 $\pm$ 1750.589 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

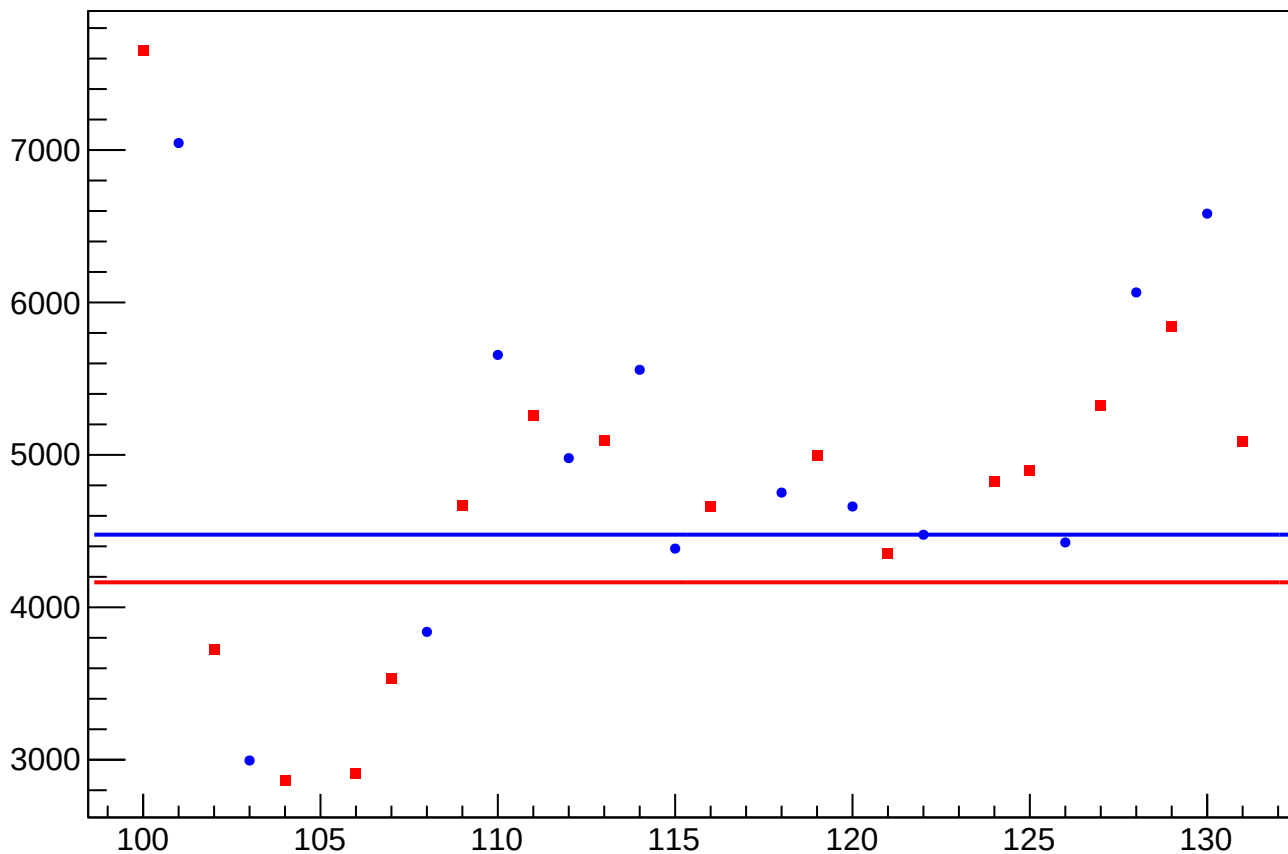
Right: -1379.407 $\pm$ 1309.632 χ^2 /NDF: 28.0/28

In: -2178.732 $\pm$ 1973.600 χ^2 /NDF: 18.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1379.407 $\pm$ 1309.632 χ^2 /NDF: 28.0/28

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4476.682+/-1.396 χ^2/NDF : 723131.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4163.973+/-1.226 χ^2/NDF : 654615.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

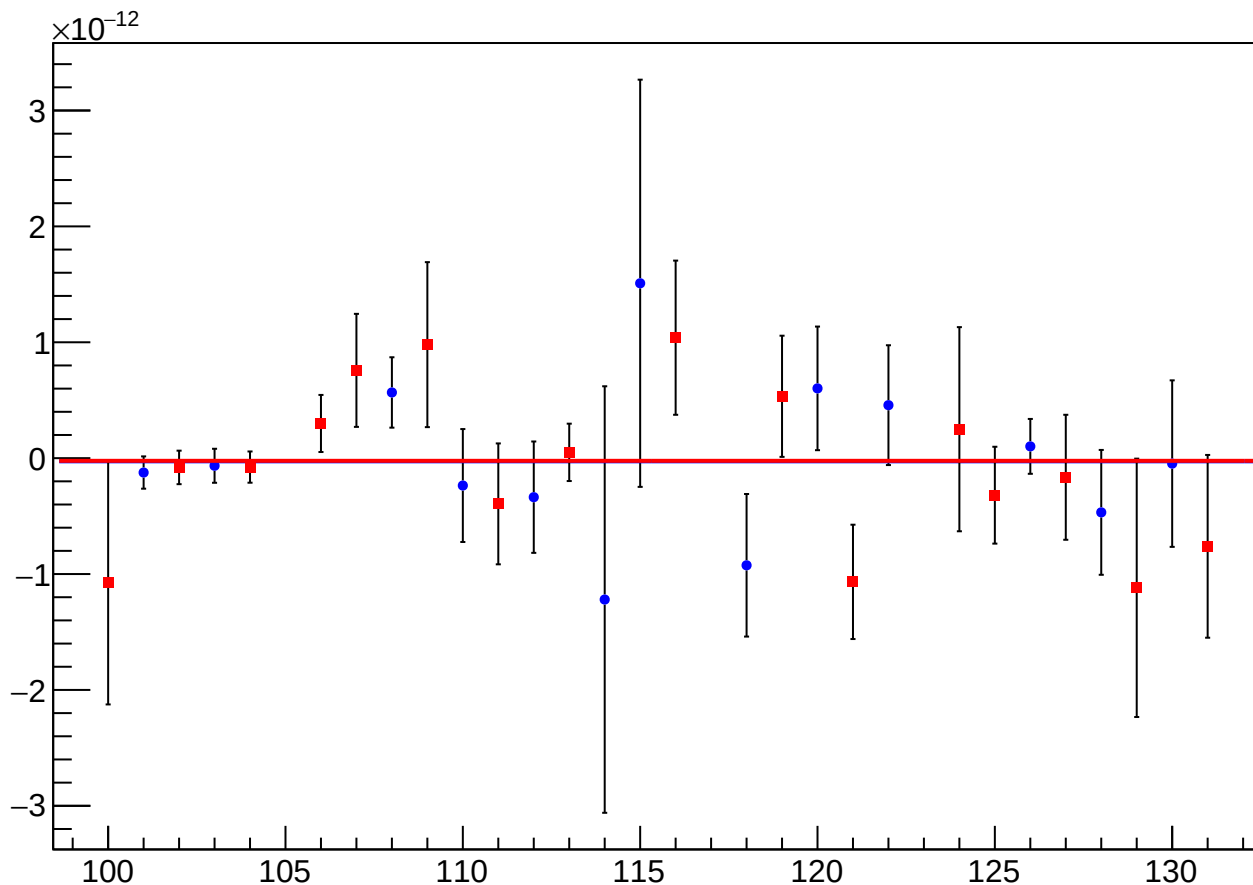
Right: 4300.203+/-0.921 χ^2/NDF : 1406083.2/28

In: 4476.682+/-1.396 χ^2/NDF : 723131.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4300.203+/-0.921 χ^2/NDF : 1406083.2/28

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/12

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

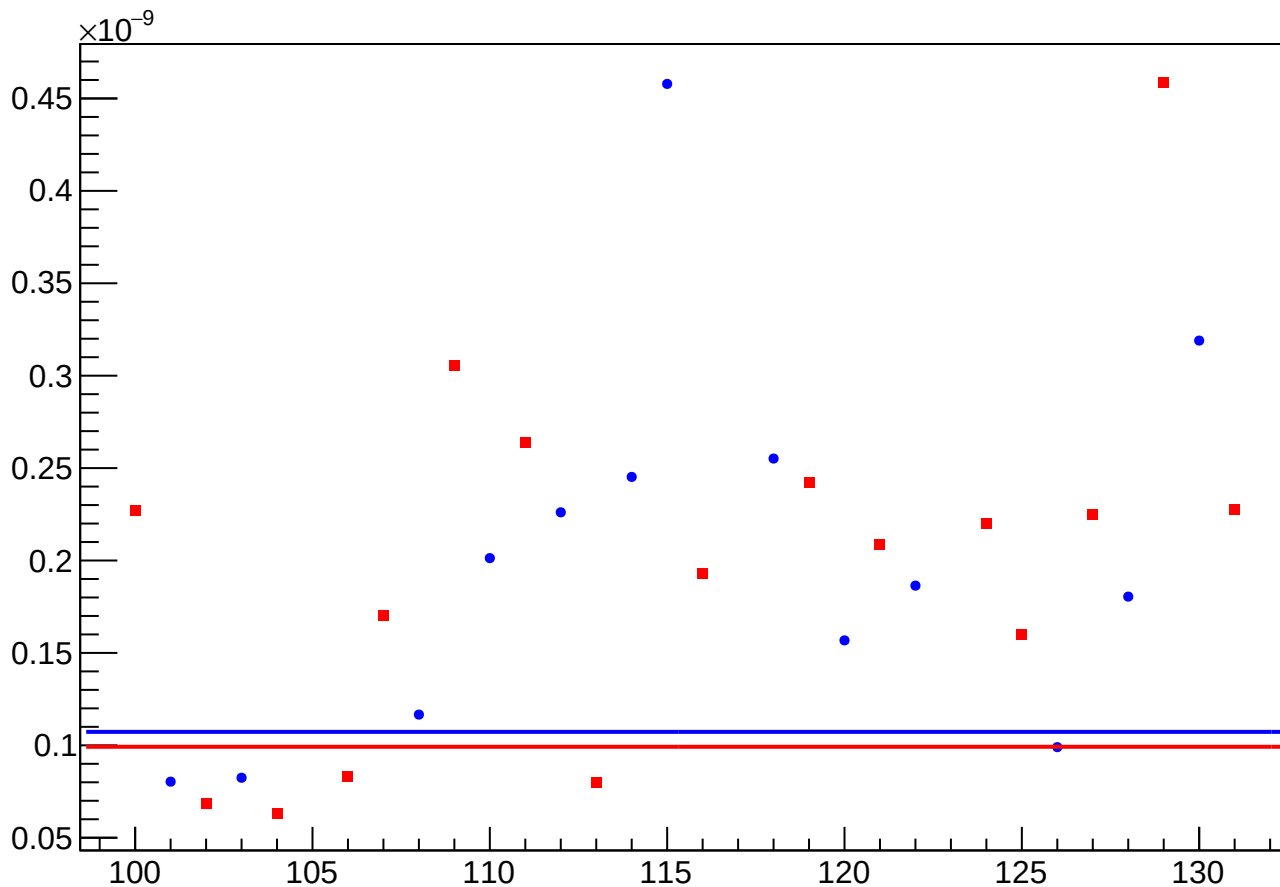
Right: -0.000+/-0.000 χ^2/NDF : 30.4/28

In: -0.000+/-0.000 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.4/28

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 814228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1432320.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

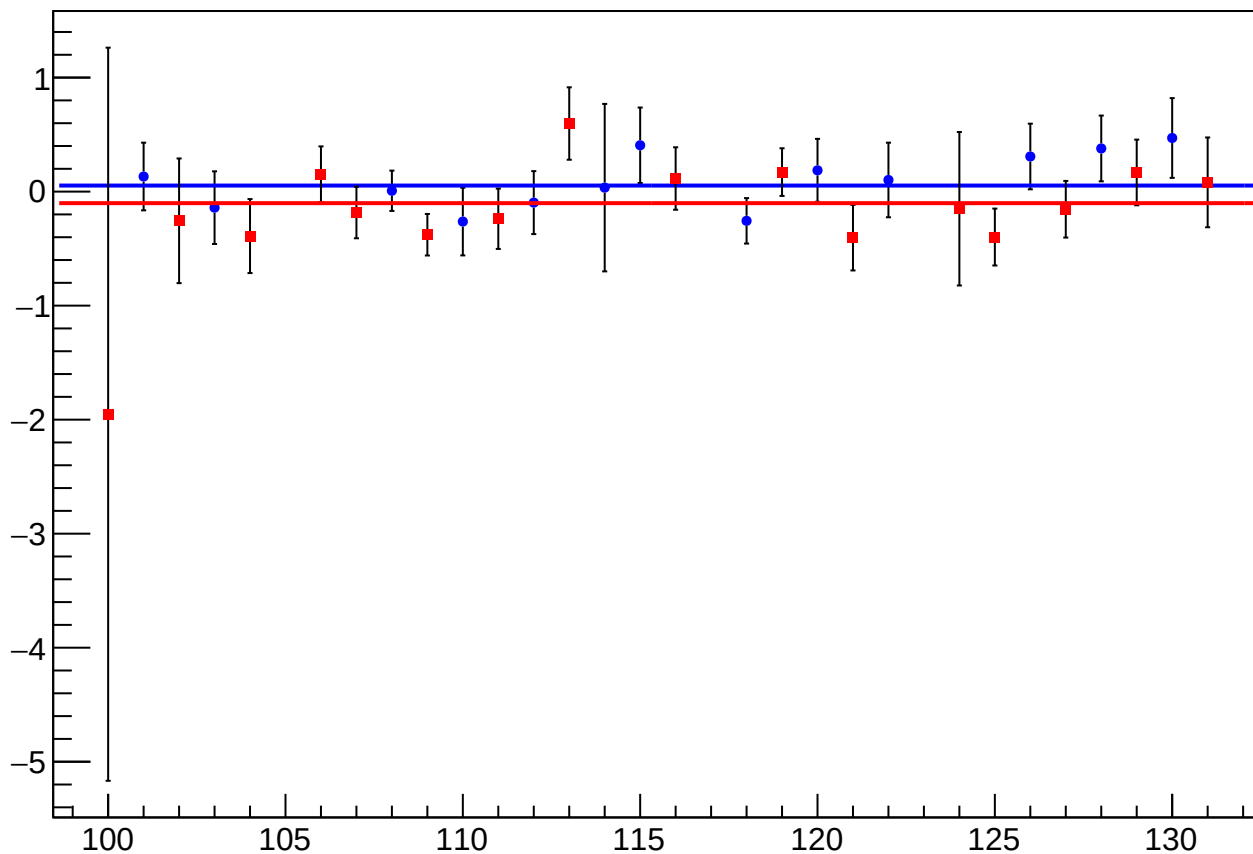
Right: 0.000+/-0.000 χ^2/NDF : 2256961.1/28

In: 0.000+/-0.000 χ^2/NDF : 814228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2256961.1/28

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053 ± 0.077 χ^2/NDF : 9.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.101 ± 0.070 χ^2/NDF : 15.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

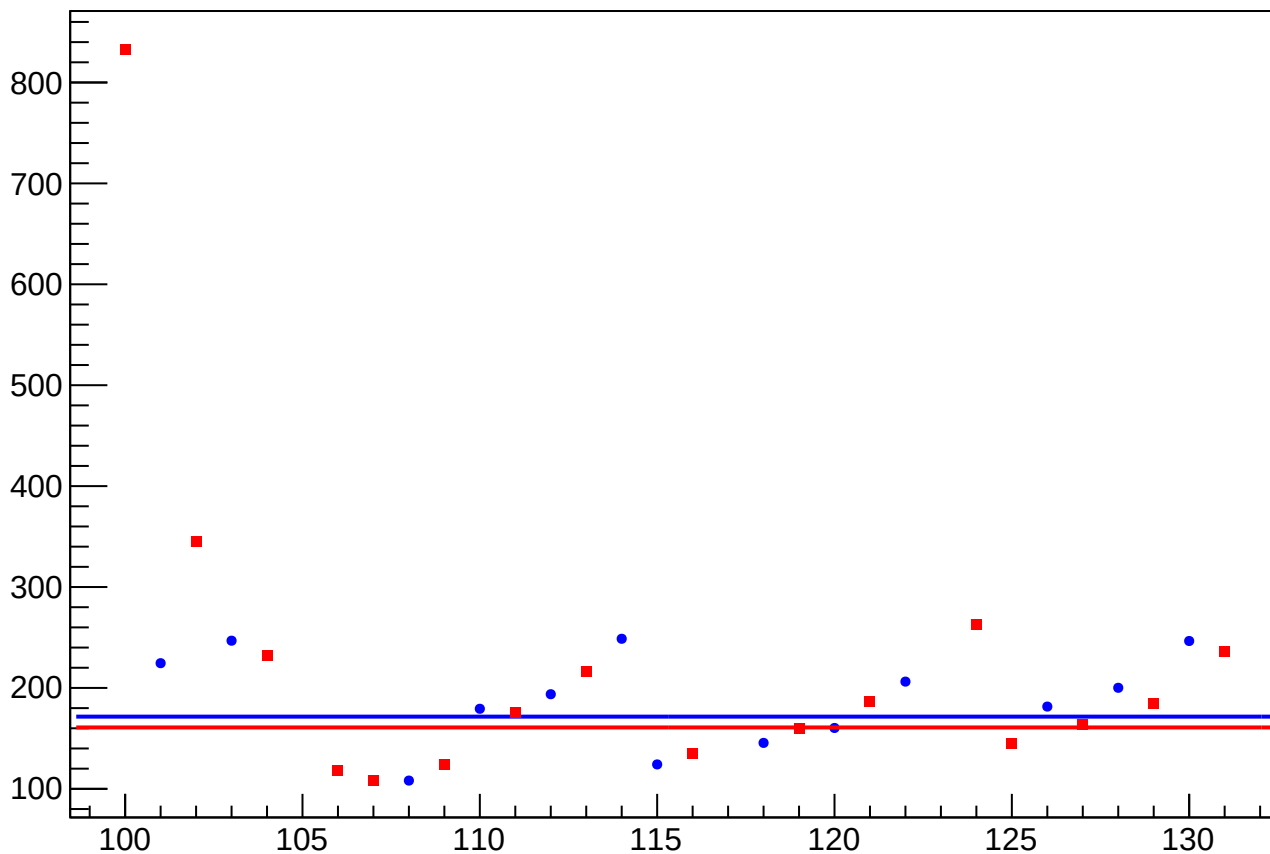
Right: -0.032 ± 0.052 χ^2/NDF : 27.3/28

In: 0.053 ± 0.077 χ^2/NDF : 9.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.052 χ^2/NDF : 27.3/28

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903202.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

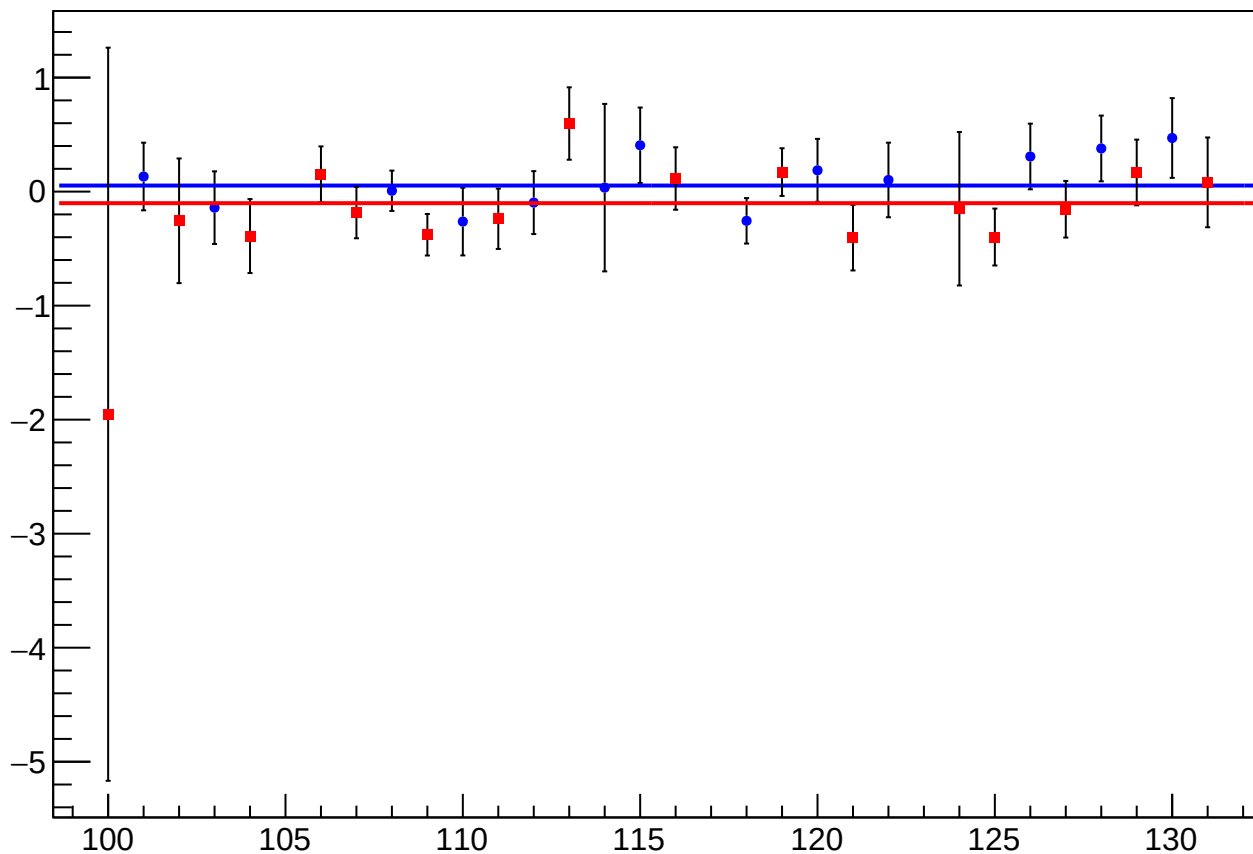
Right: 165.685+/-0.037 χ^2/NDF : 1608322.8/28

In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.685+/-0.037 χ^2/NDF : 1608322.8/28

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.070 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

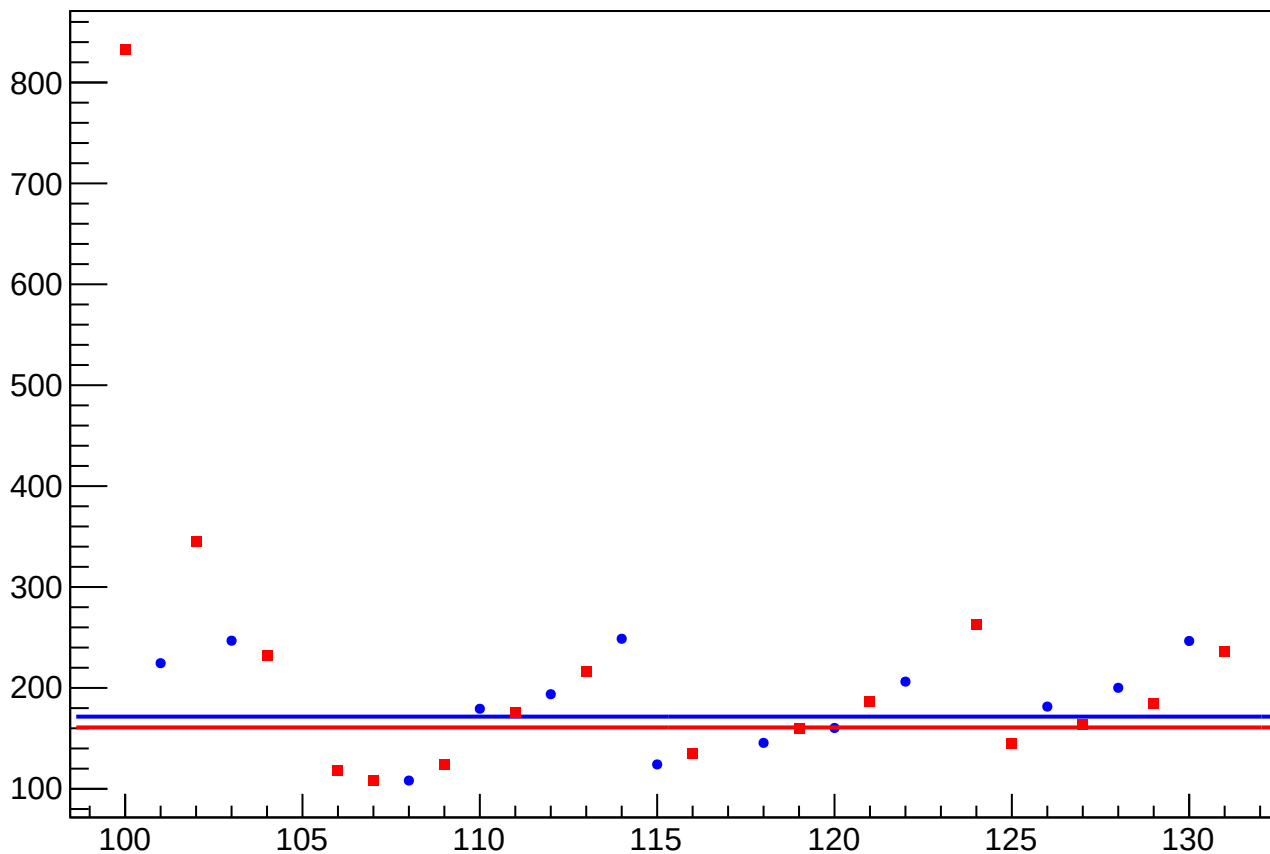
Right: -0.032+/-0.052 χ^2/NDF : 27.3/28

In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.052 χ^2/NDF : 27.3/28

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903202.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

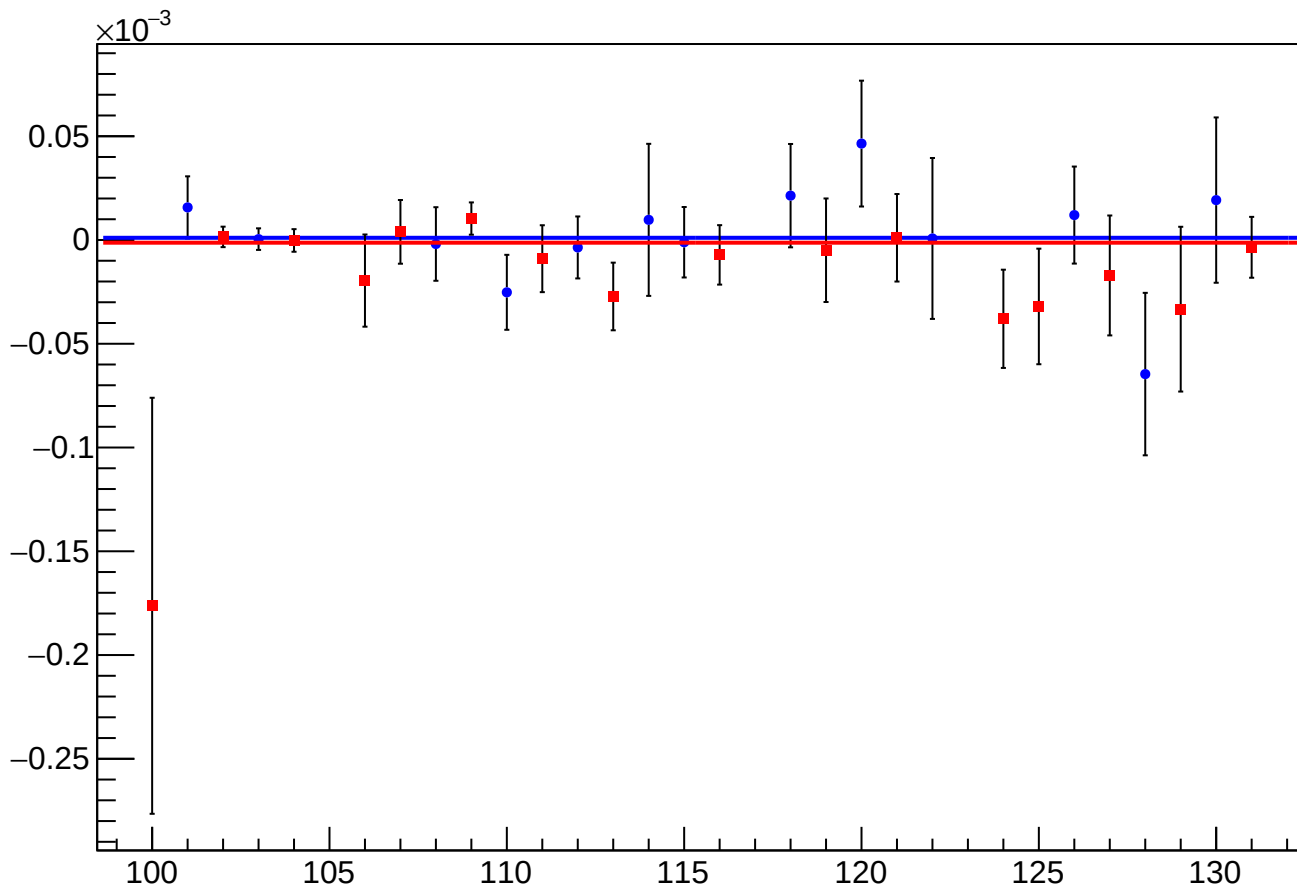
Right: 165.685+/-0.037 χ^2/NDF : 1608322.8/28

In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.685+/-0.037 χ^2/NDF : 1608322.8/28

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/12

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

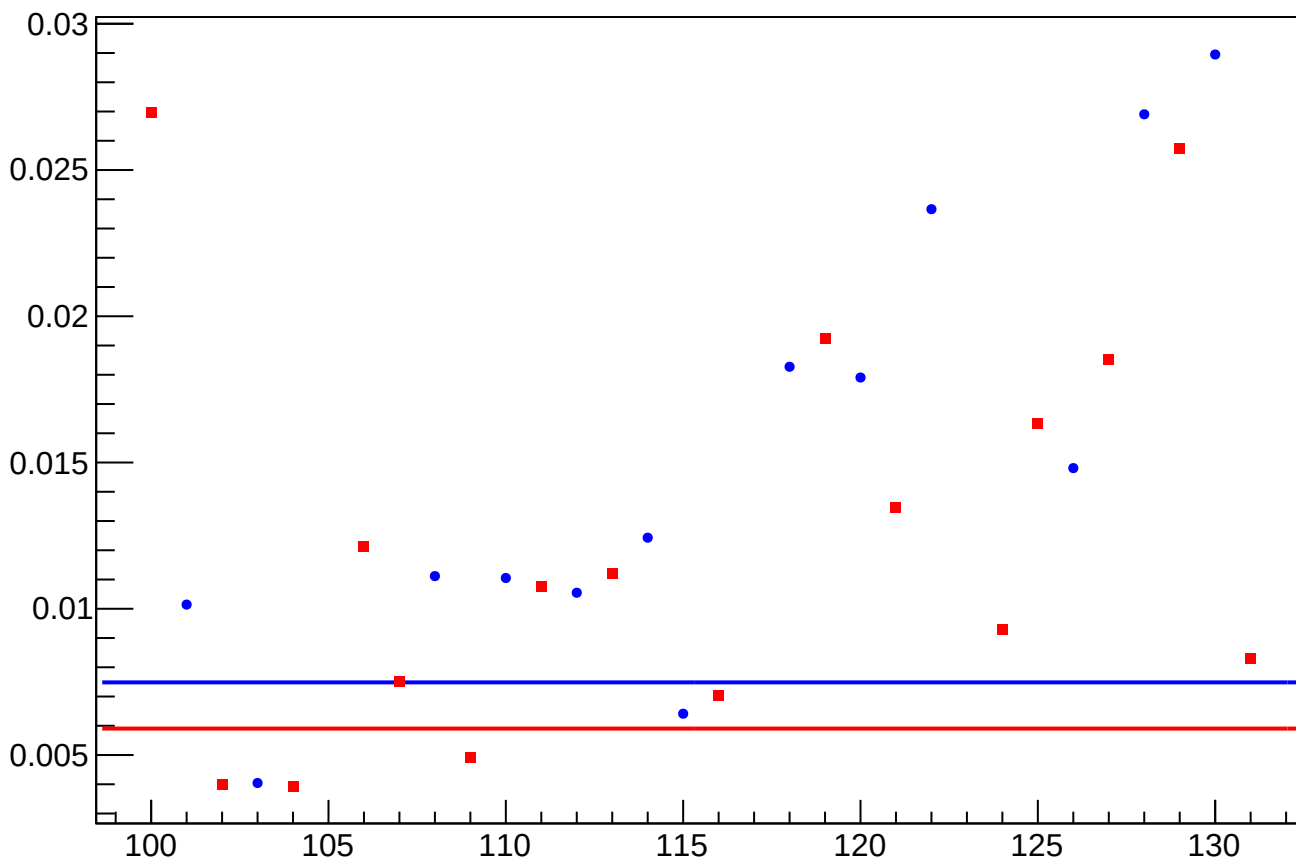
Right: -0.000+/-0.000 χ^2/NDF : 23.7/28

In: 0.000+/-0.000 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/28

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3458679.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3362349.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

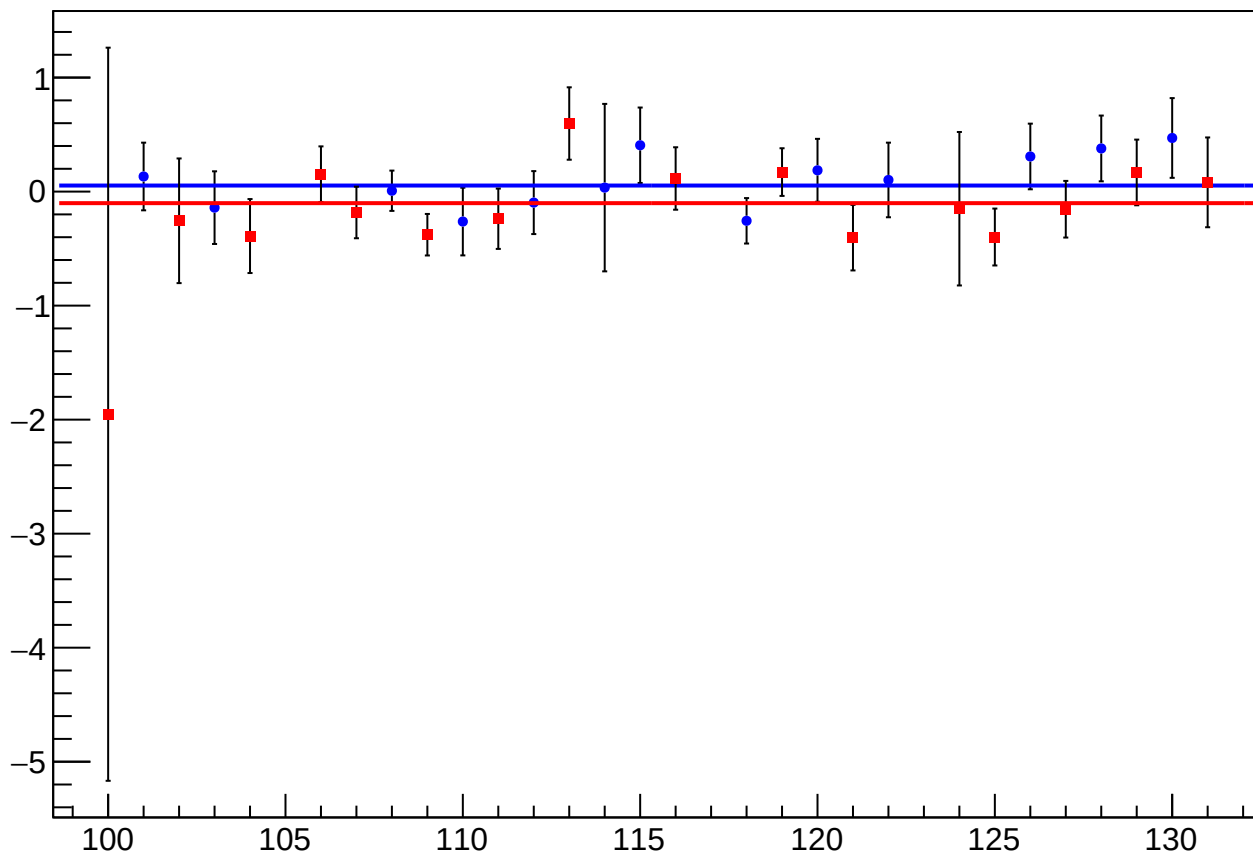
Right: 0.006+/-0.000 χ^2/NDF : 7028872.1/28

In: 0.007+/-0.000 χ^2/NDF :3458679.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7028872.1/28

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.053 $\pm$ 0.077 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.101 $\pm$ 0.070 χ^2 /NDF: 15.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

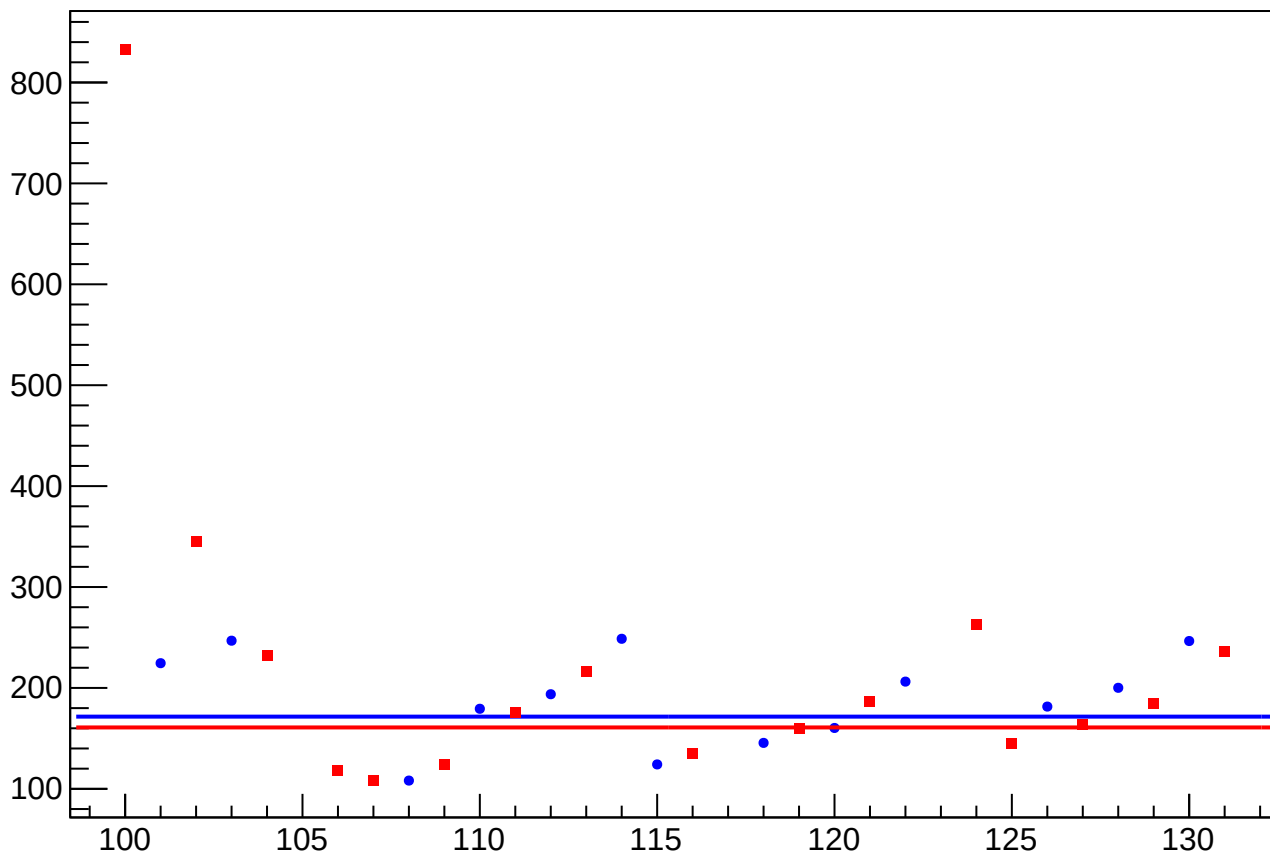
Right: -0.032 $\pm$ 0.052 χ^2 /NDF: 27.3/28

In: 0.053 $\pm$ 0.077 χ^2 /NDF:9.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.052 χ^2 /NDF: 27.3/28

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903186.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

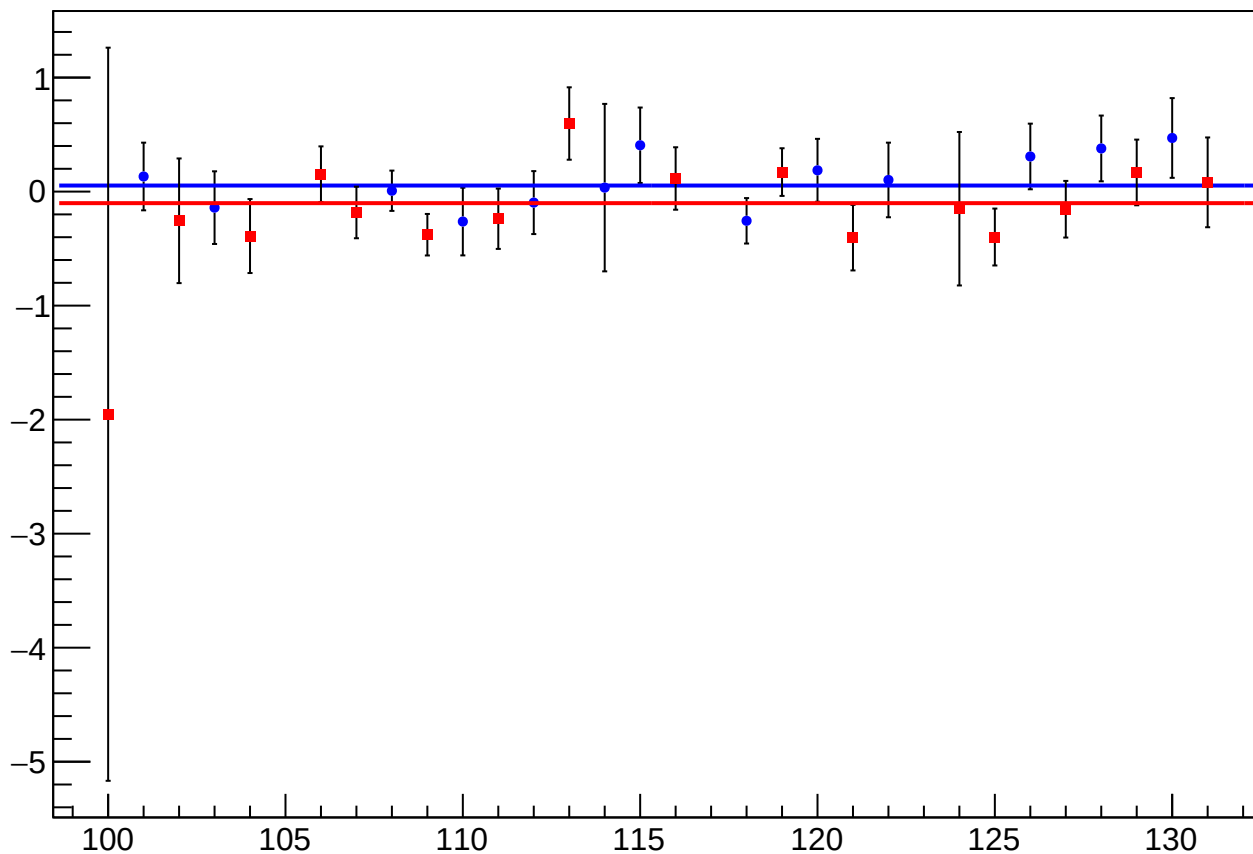
Right: 165.683+/-0.037 χ^2/NDF : 1608309.2/28

In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.683+/-0.037 χ^2/NDF : 1608309.2/28

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.070 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

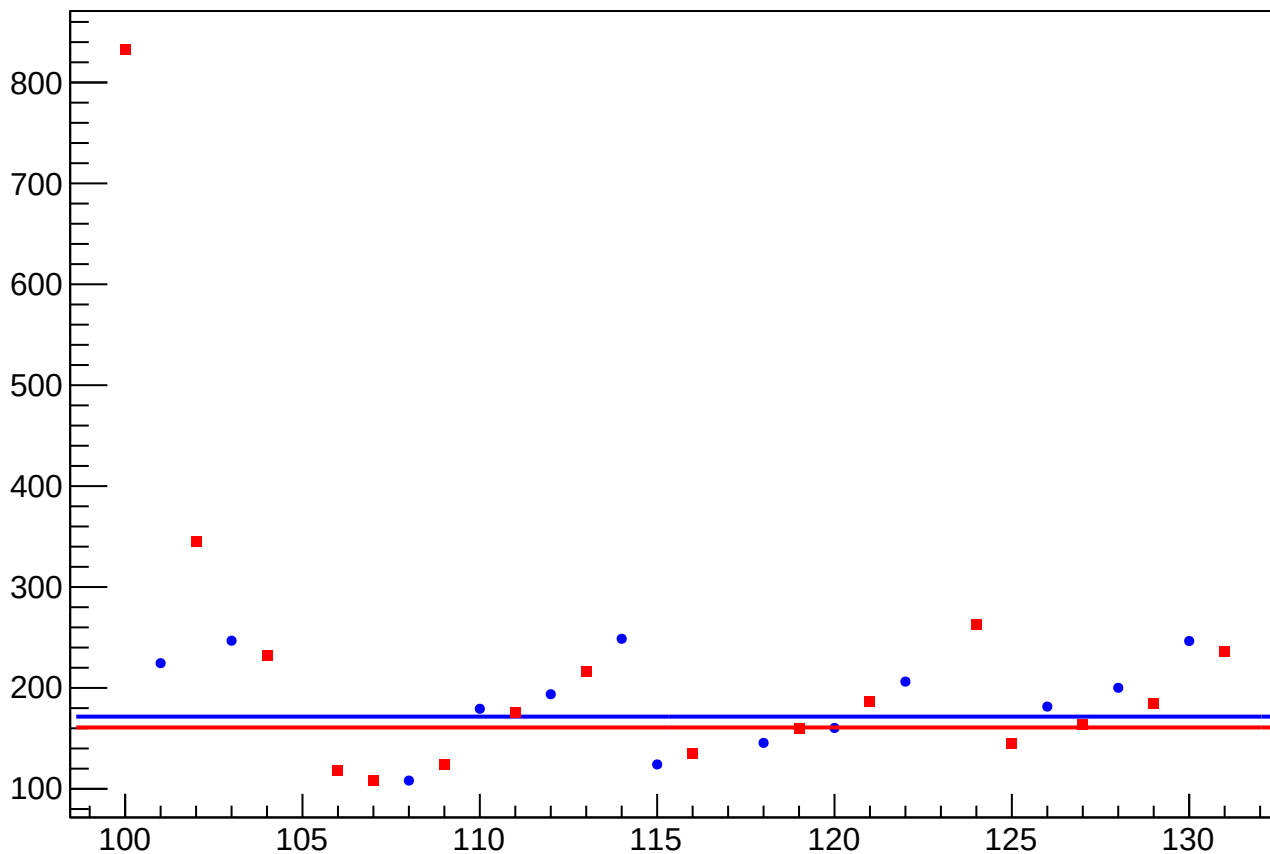
Right: -0.032+/-0.052 χ^2/NDF : 27.3/28

In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.052 χ^2/NDF : 27.3/28

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903186.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

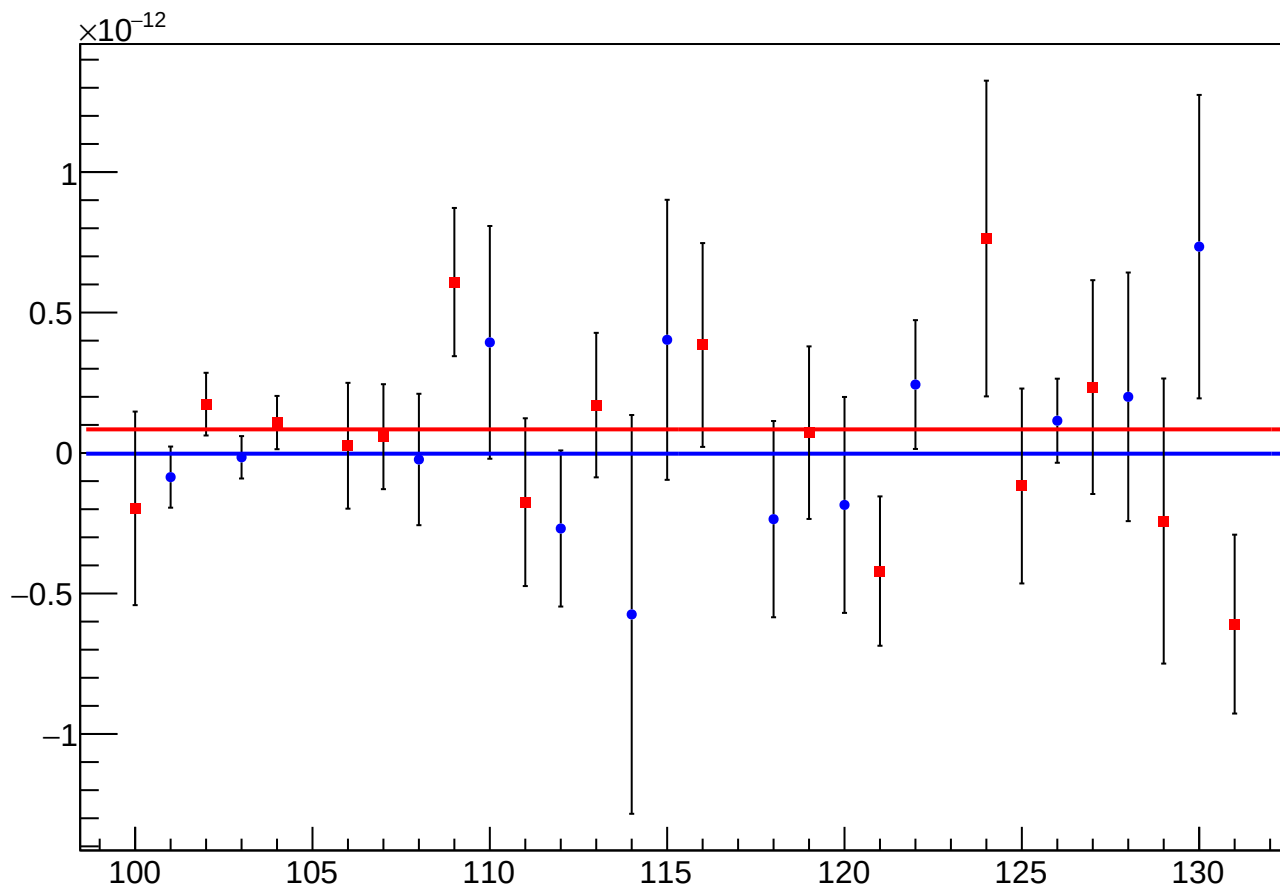
Right: 165.683+/-0.037 χ^2/NDF : 1608309.2/28

In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.683+/-0.037 χ^2/NDF : 1608309.2/28

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

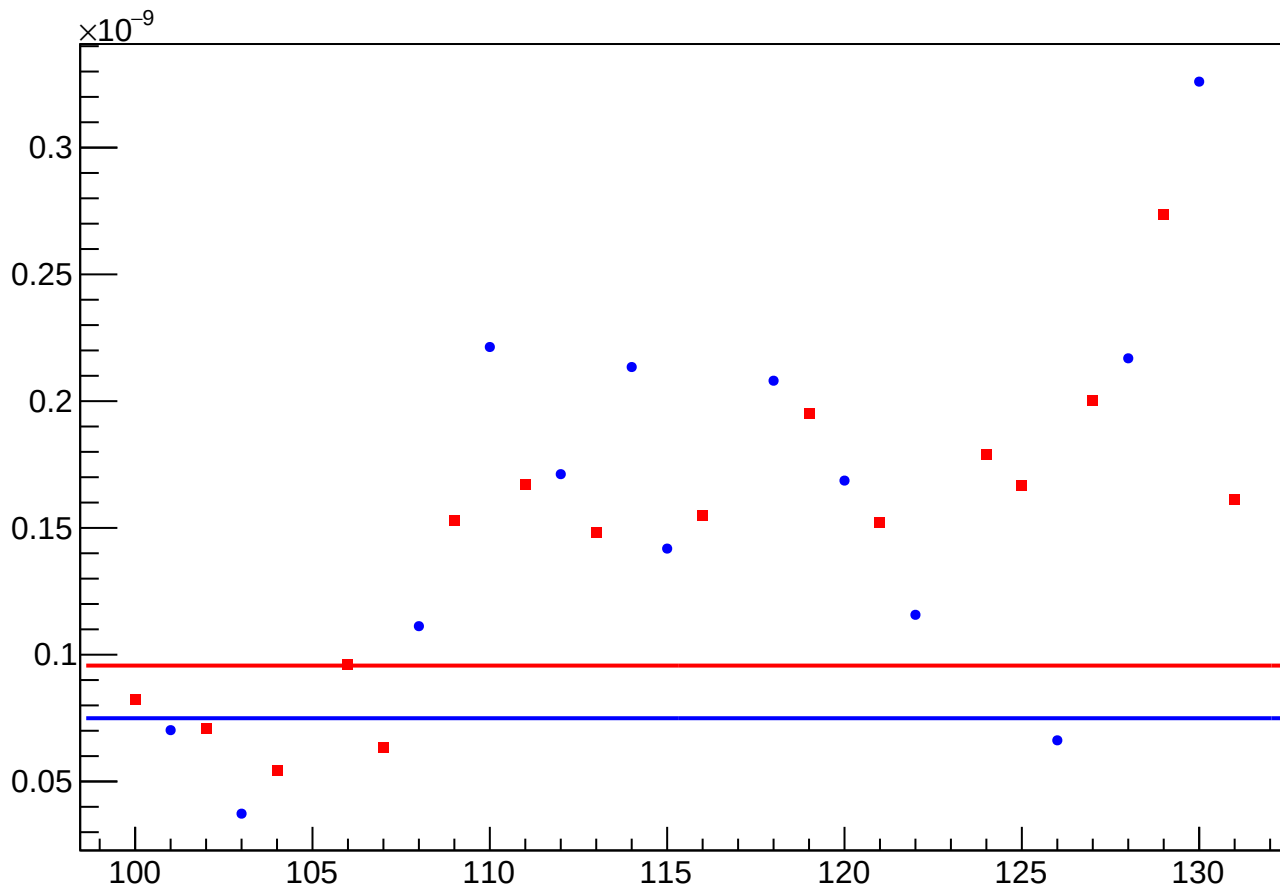
Right: 0.000+/-0.000 χ^2/NDF : 27.3/28

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.3/28

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2269610.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1799359.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

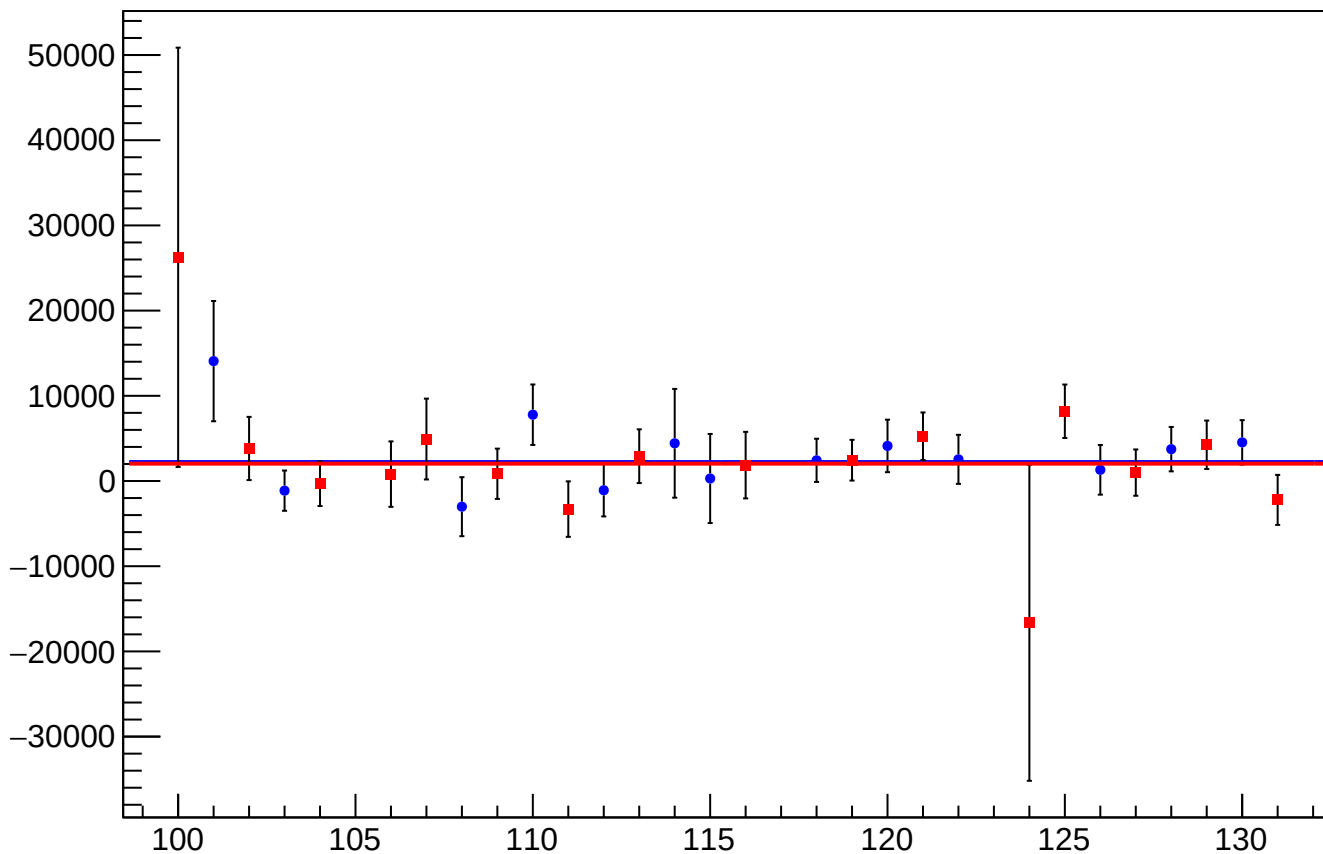
Right: 0.000+/-0.000 χ^2/NDF : 4228945.7/28

In: 0.000+/-0.000 χ^2/NDF : 2269610.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4228945.7/28

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2224.443+/-869.499 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2037.385+/-818.742 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

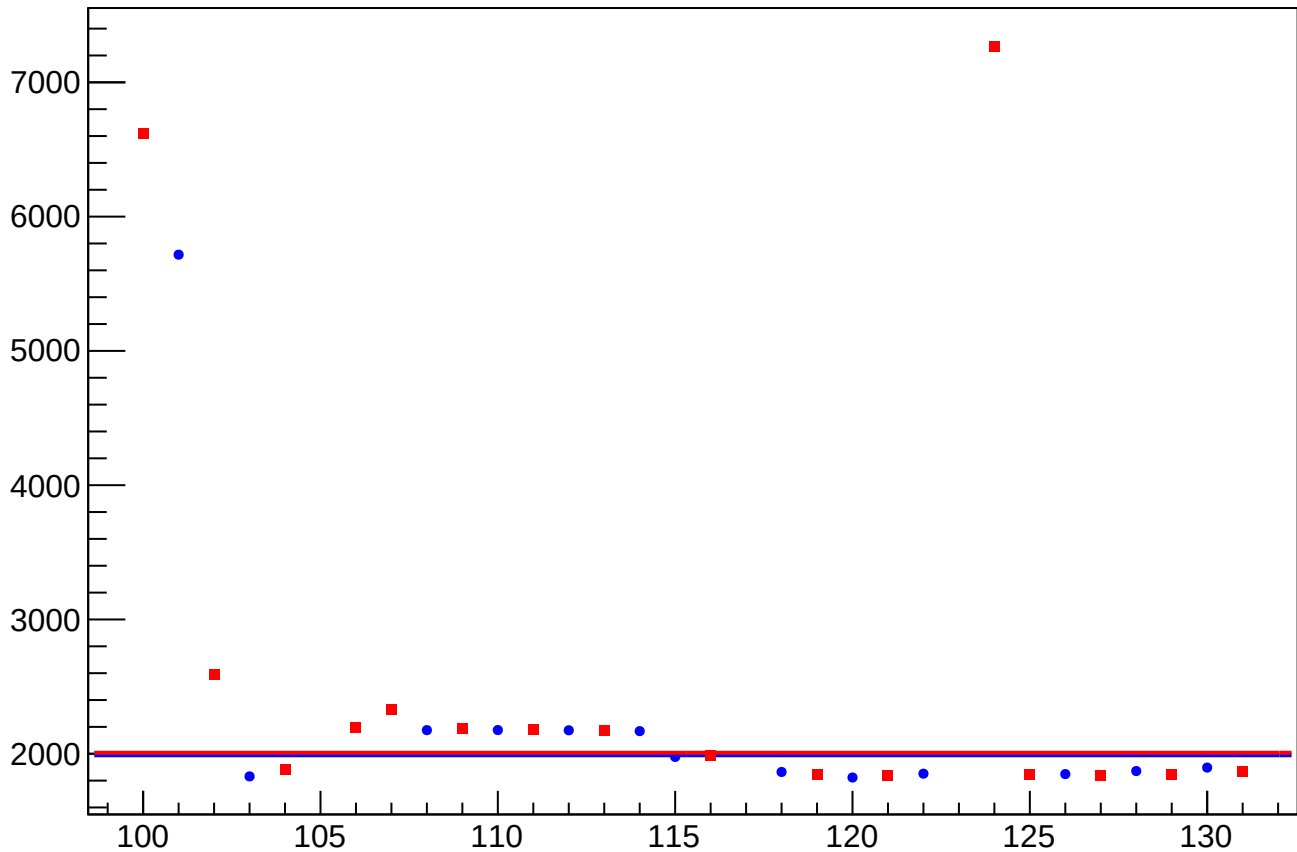
Right: 2125.295+/-596.075 χ^2/NDF : 27.1/28

In: 2224.443+/-869.499 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.295+/-596.075 χ^2/NDF : 27.1/28

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.489+/-0.579 χ^2/NDF : 358403.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

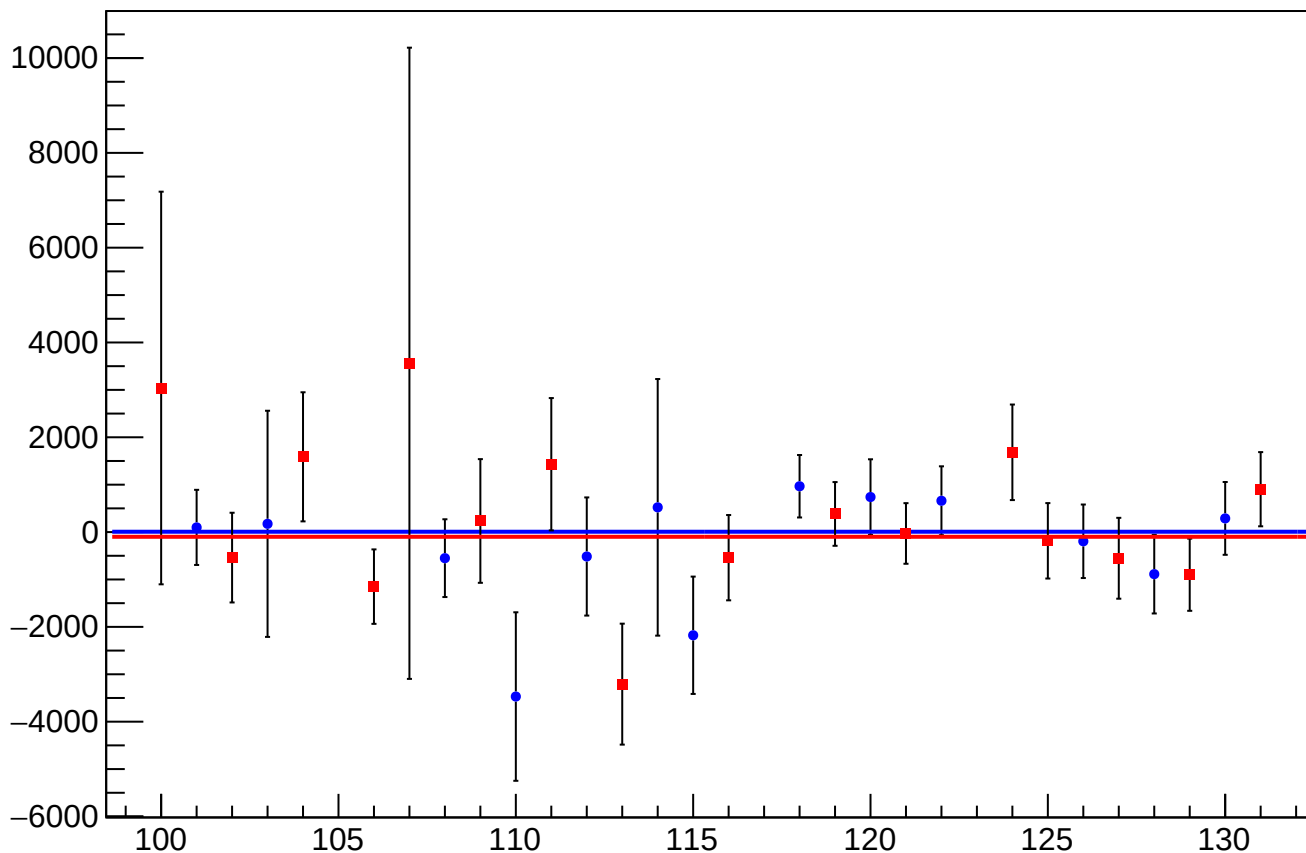
Right: 1998.726+/-0.421 χ^2/NDF : 972098.0/28

In: 1988.843+/-0.615 χ^2/NDF : 613207.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.726+/-0.421 χ^2/NDF : 972098.0/28

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 7.318+/-253.286 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.282+/-233.998 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

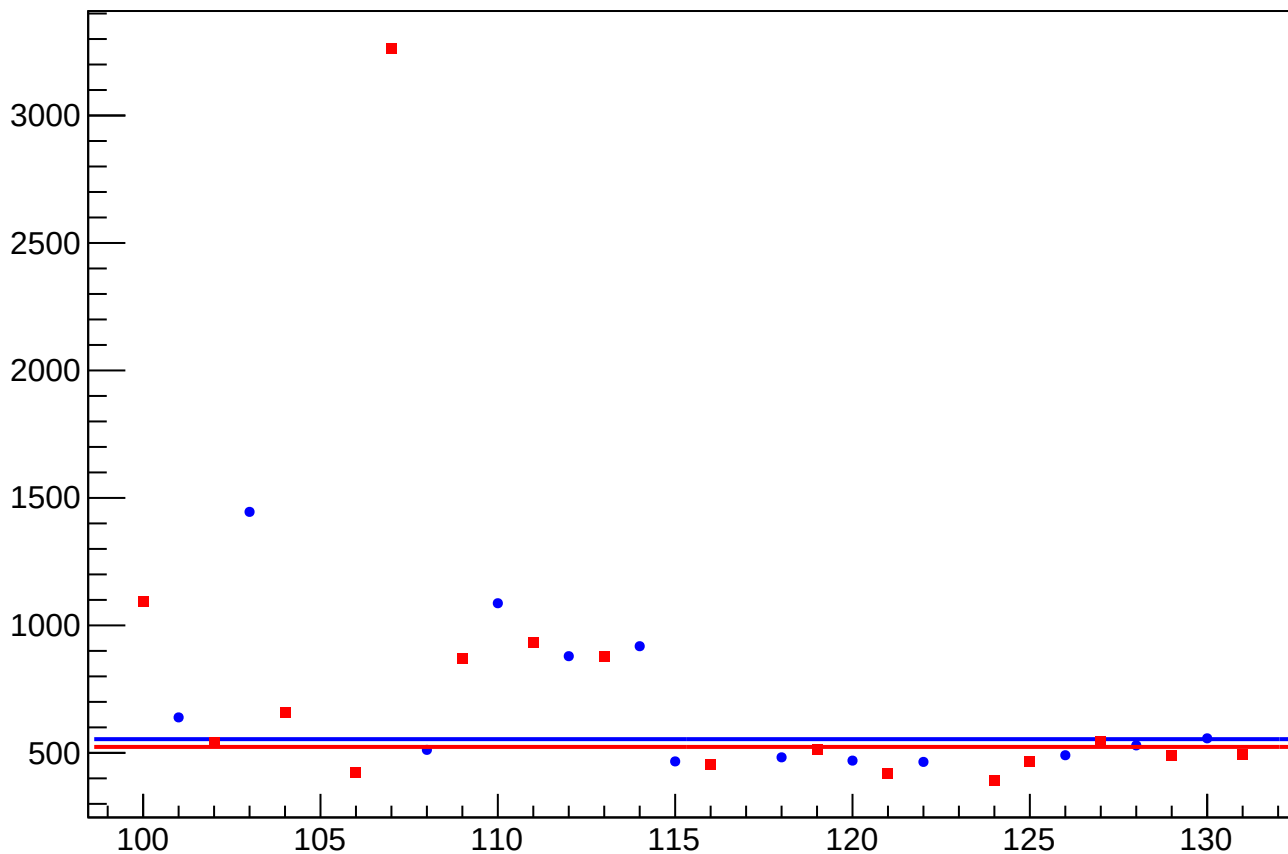
Right: -50.195+/-171.877 χ^2/NDF : 31.4/28

In: 7.318+/-253.286 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.195+/-171.877 χ^2/NDF : 31.4/28

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 553.839+/-0.179 χ^2/NDF : 761120.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.349+/-0.165 χ^2/NDF : 1014917.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

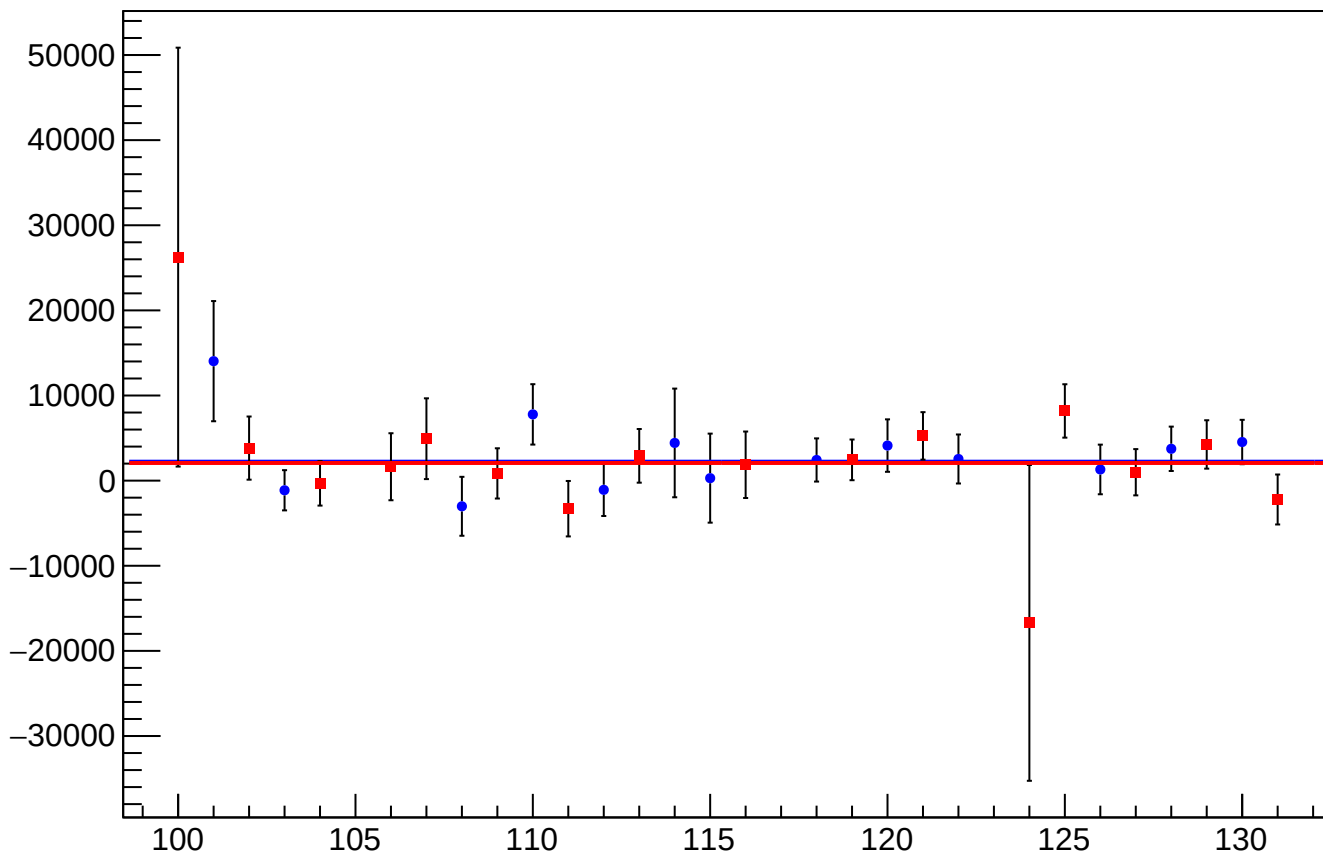
Right: 537.389+/-0.122 χ^2/NDF : 1791673.5/28

In: 553.839+/-0.179 χ^2/NDF : 761120.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.389+/-0.122 χ^2/NDF : 1791673.5/28

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2224.032+/-869.500 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2076.017+/-819.632 χ^2 /NDF: 14.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

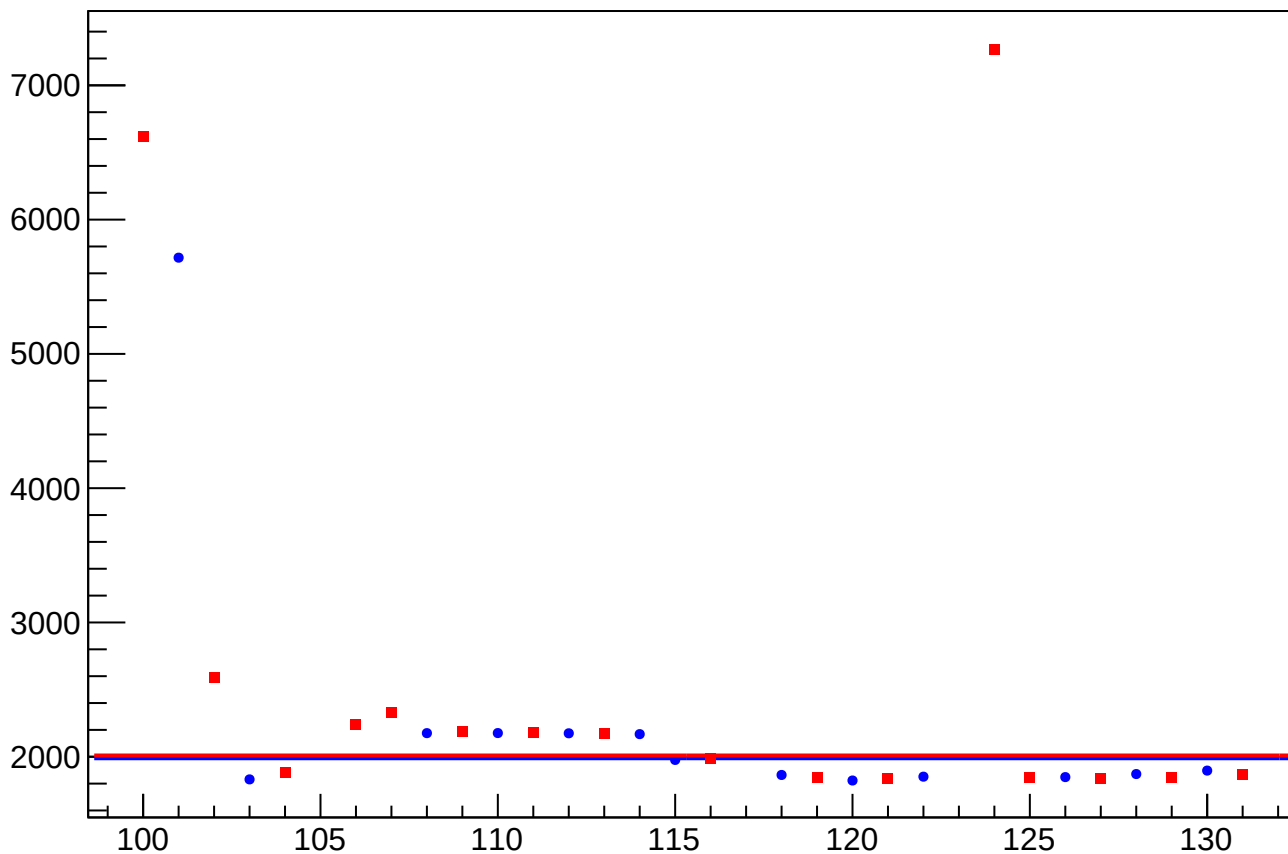
Right: 2145.658+/-596.418 χ^2 /NDF: 27.0/28

In: 2224.032+/-869.500 χ^2 /NDF:12.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2145.658+/-596.418 χ^2 /NDF: 27.0/28

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2009.288+/-0.580 χ^2/NDF : 360930.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

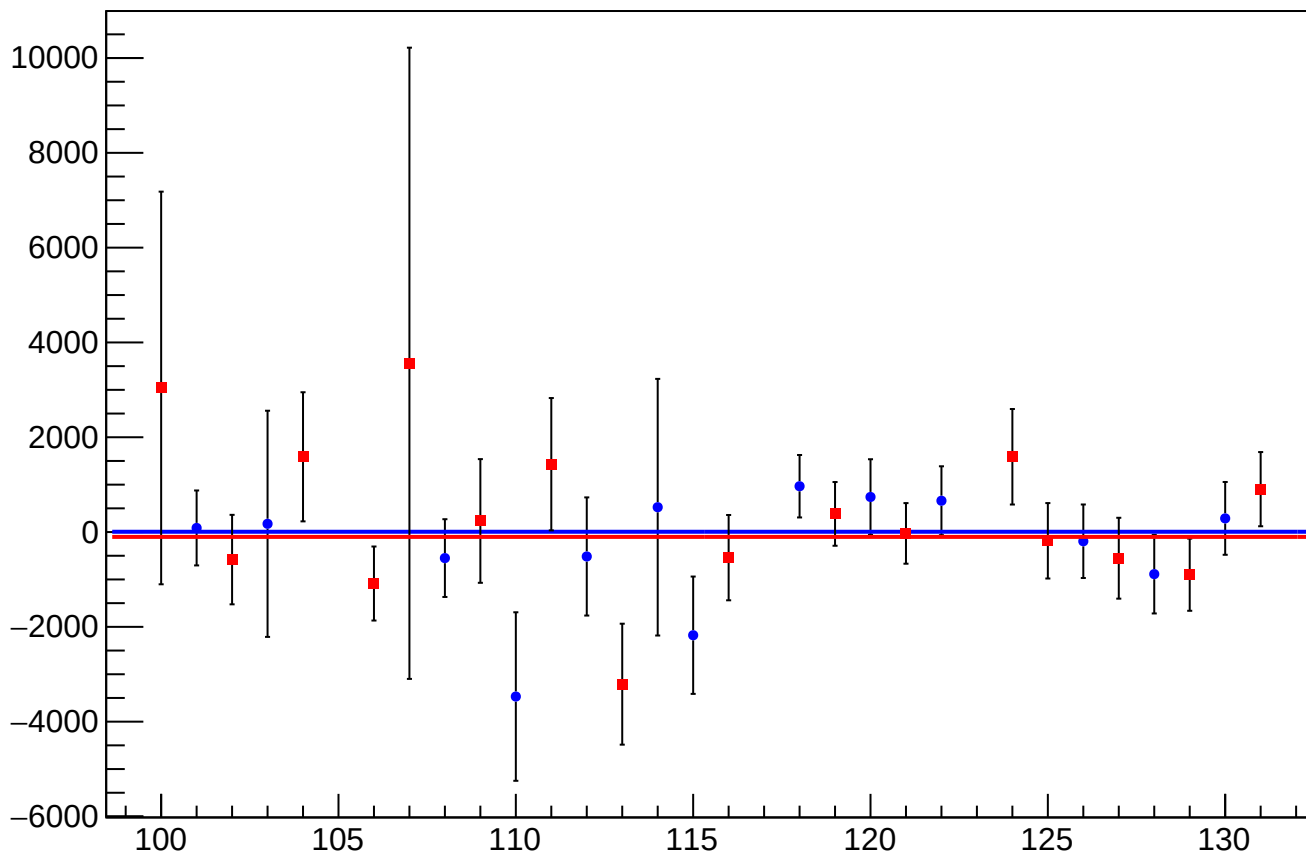
Right: 1999.668+/-0.422 χ^2/NDF : 974723.1/28

In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1999.668+/-0.422 χ^2/NDF : 974723.1/28

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.202+/-233.838 χ^2/NDF : 18.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

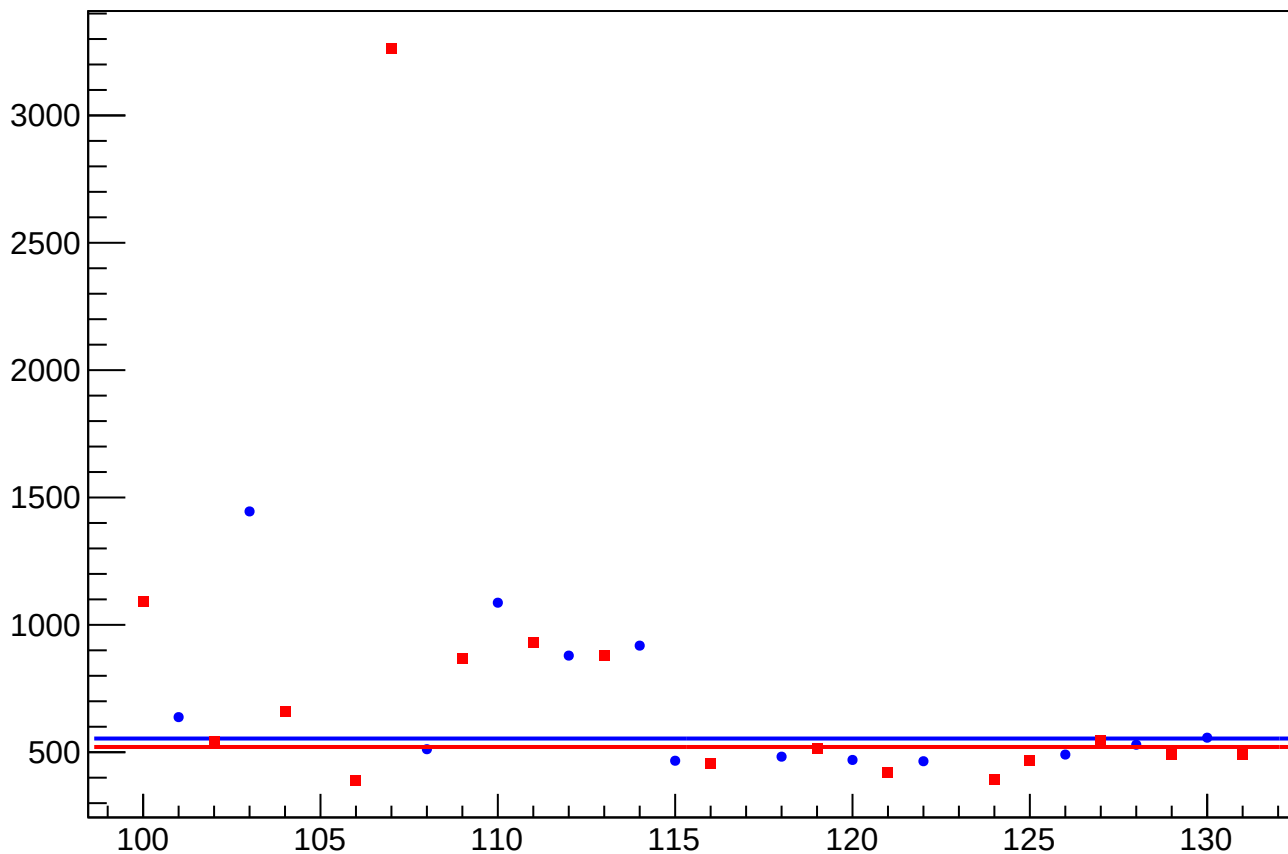
Right: -52.291+/-171.793 χ^2/NDF : 31.0/28

In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.291+/-171.793 χ^2/NDF : 31.0/28

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.501+/-0.165 χ^2/NDF : 1041673.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

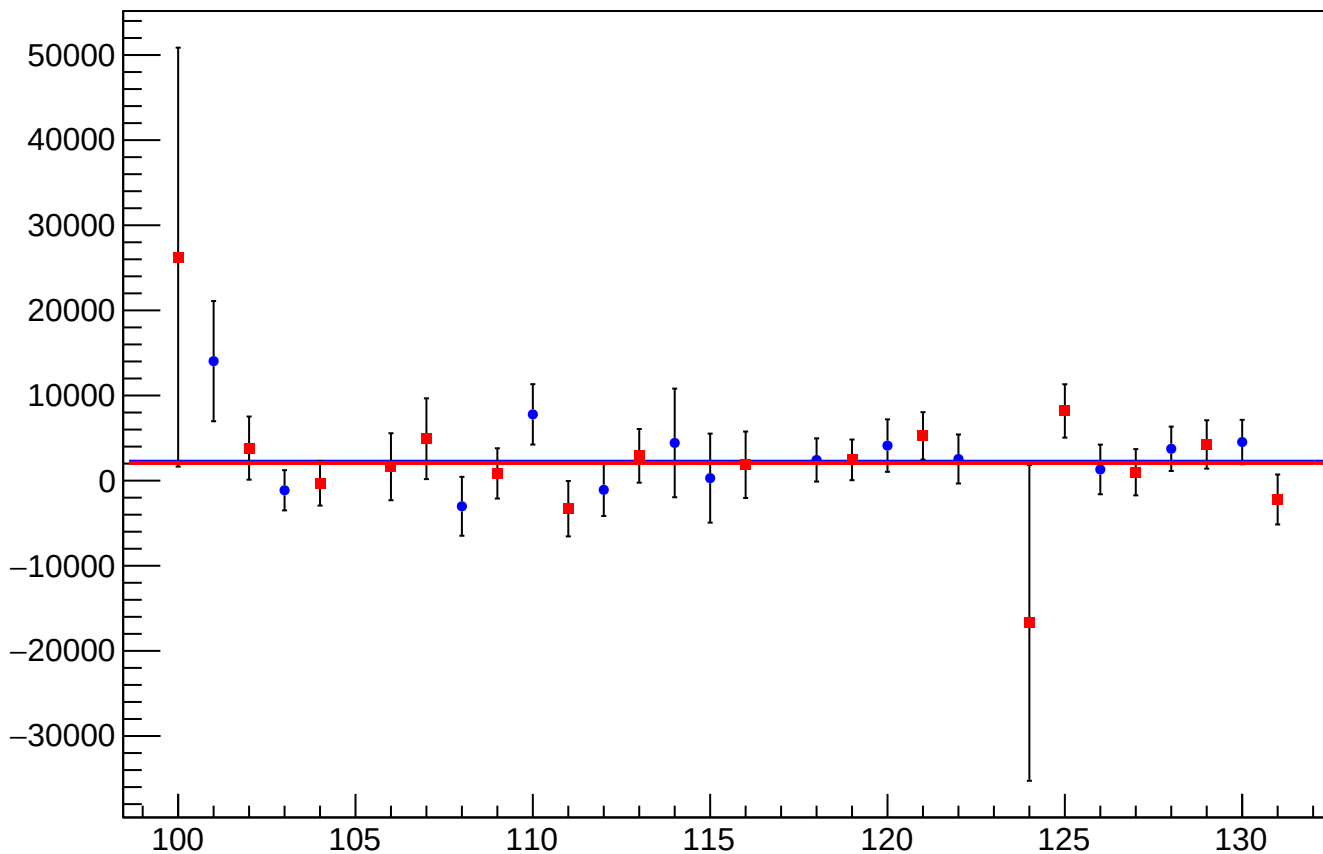
Right: 535.801+/-0.121 χ^2/NDF : 1820733.2/28

In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.801+/-0.121 χ^2/NDF : 1820733.2/28

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2224.032+/-869.500 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.017+/-819.632 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

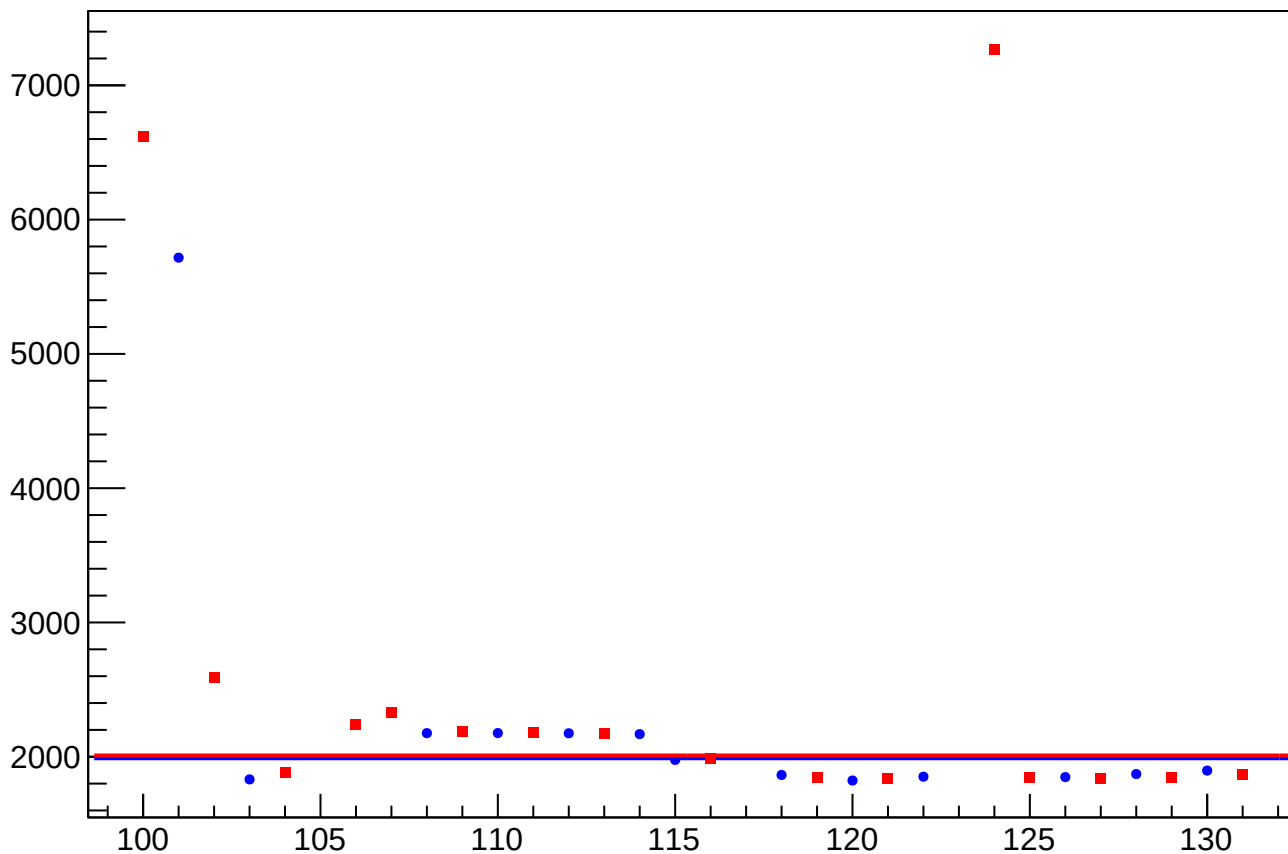
Right: 2145.658+/-596.418 χ^2/NDF : 27.0/28

In: 2224.032+/-869.500 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.658+/-596.418 χ^2/NDF : 27.0/28

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2009.288+/-0.580 χ^2/NDF : 360930.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

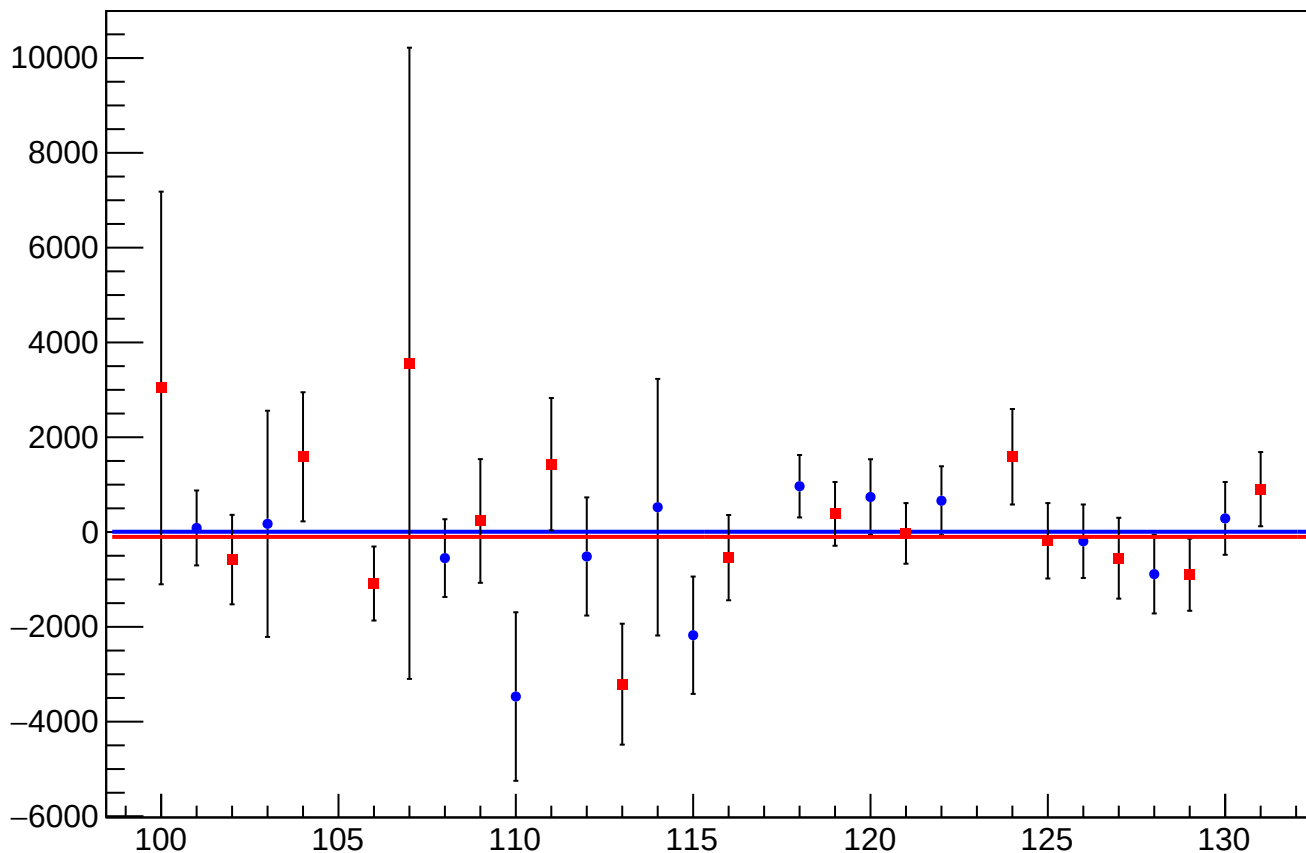
Right: 1999.668+/-0.422 χ^2/NDF : 974723.1/28

In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1999.668+/-0.422 χ^2/NDF : 974723.1/28

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.202+/-233.838 χ^2/NDF : 18.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

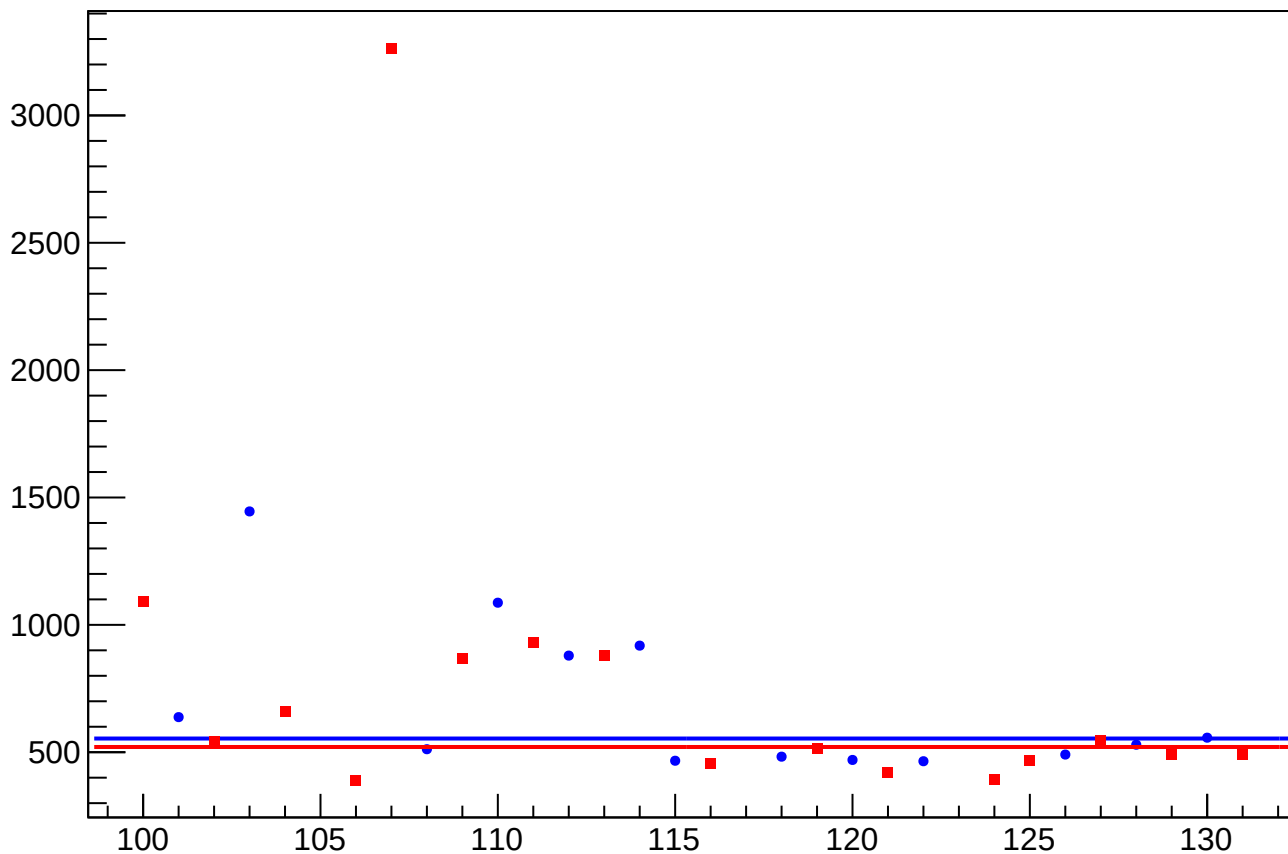
Right: -52.291+/-171.793 χ^2/NDF : 31.0/28

In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.291+/-171.793 χ^2/NDF : 31.0/28

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 553.742 ± 0.179 χ^2/NDF : 760457.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 520.501 ± 0.165 χ^2/NDF : 1041673.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

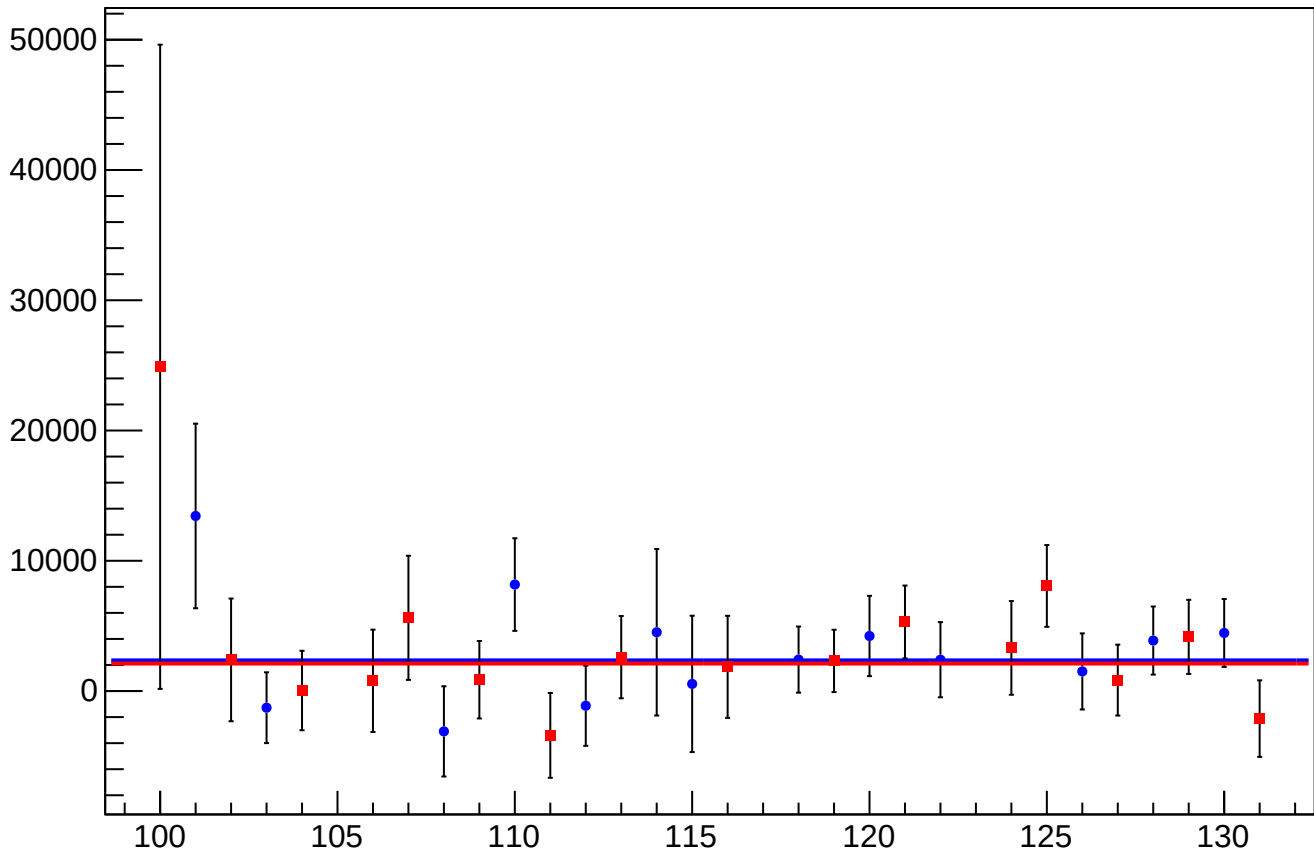
Right: 535.801 ± 0.121 χ^2/NDF : 1820733.2/28

In: 553.742 ± 0.179 χ^2/NDF : 760457.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 535.801 ± 0.121 χ^2/NDF : 1820733.2/28

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2353.403+/-885.411 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2112.504+/-818.600 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

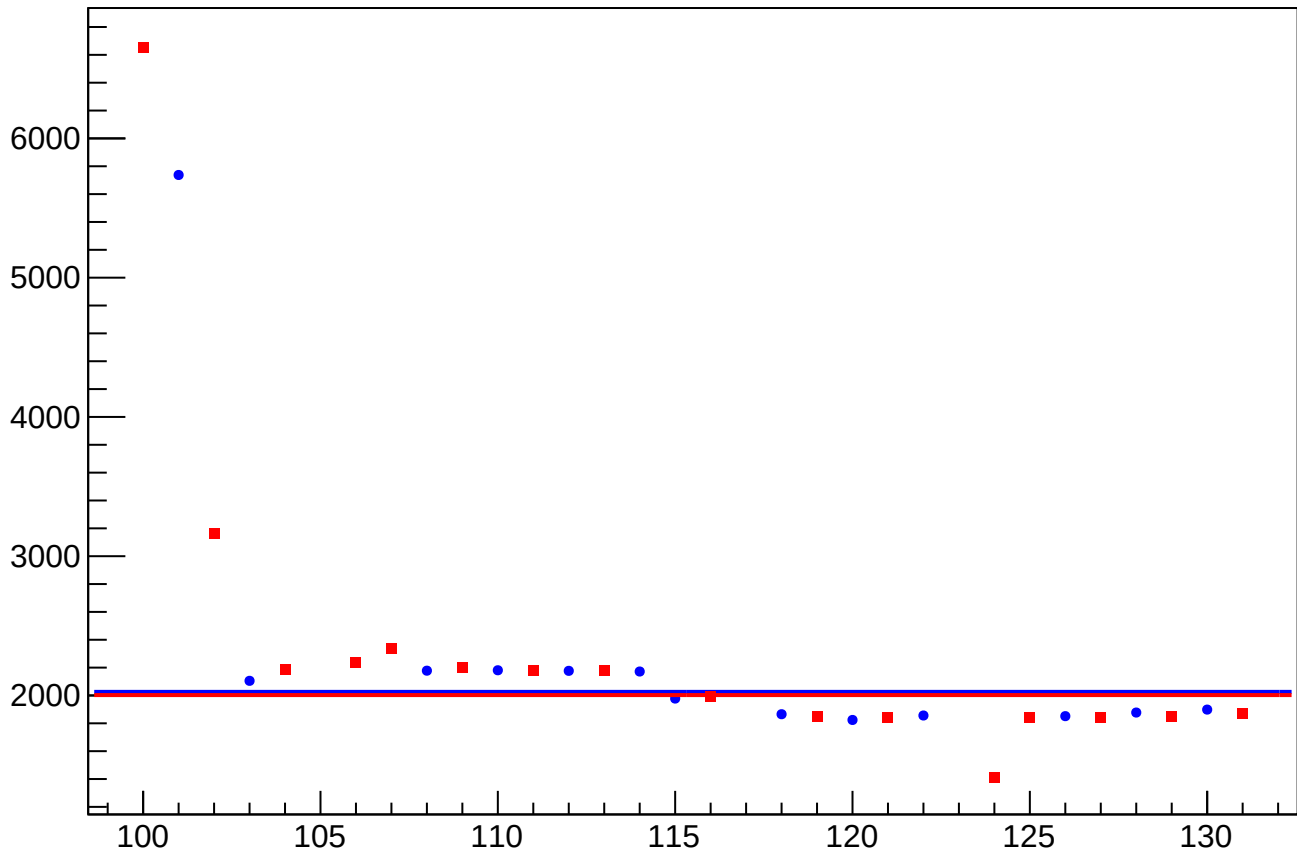
Right: 2223.523+/-601.071 χ^2/NDF : 25.3/28

In: 2353.403+/-885.411 χ^2/NDF :12.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2223.523+/-601.071 χ^2/NDF : 25.3/28

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2025.836+/-0.626 χ^2/NDF : 605929.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2002.734+/-0.579 χ^2/NDF : 328542.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

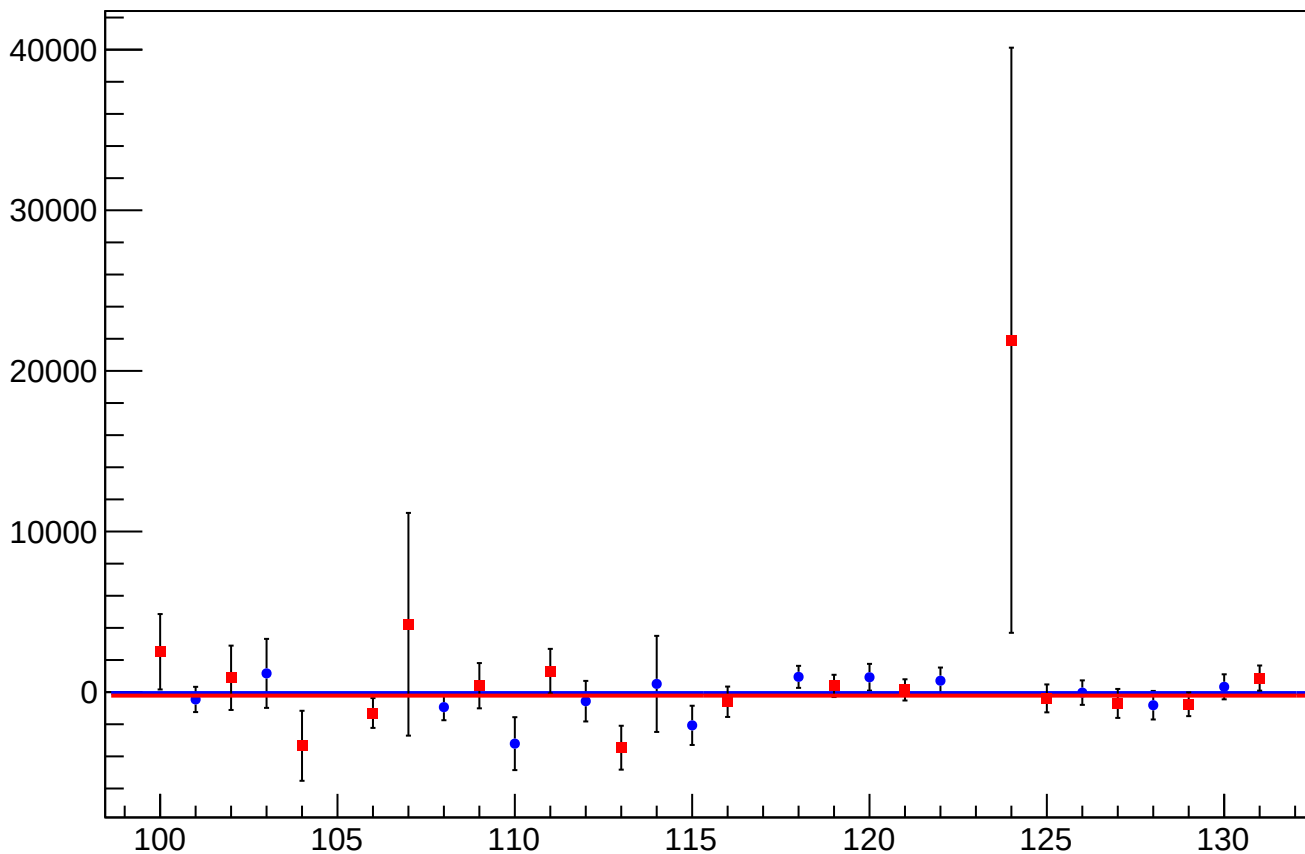
Right: 2013.381+/-0.425 χ^2/NDF : 935206.2/28

In: 2025.836+/-0.626 χ^2/NDF :605929.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2013.381+/-0.425 χ^2/NDF : 935206.2/28

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -58.928+/-259.892 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.225+/-259.049 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

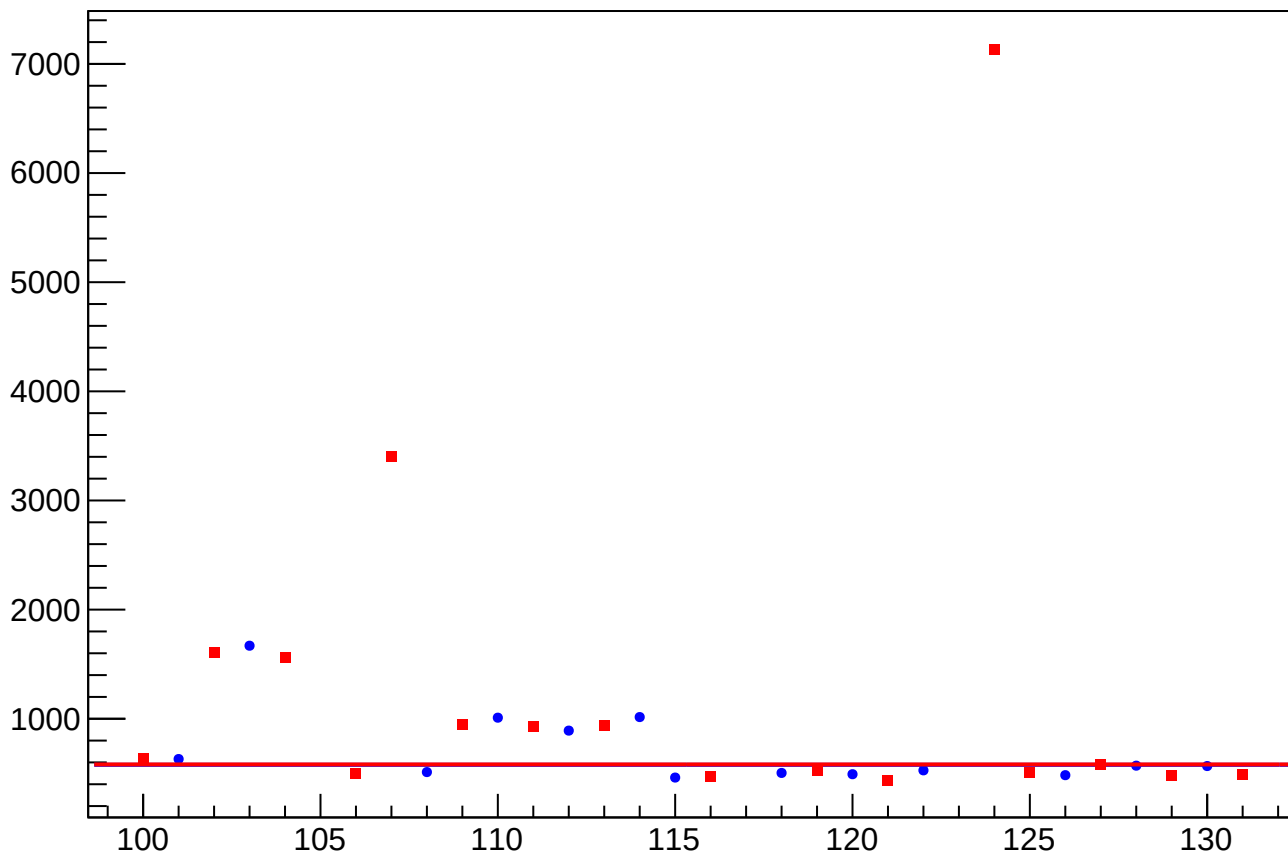
Right: -138.334+/-183.473 χ^2/NDF : 31.9/28

In: -58.928+/-259.892 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.334+/-183.473 χ^2/NDF : 31.9/28

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 577.942 $\pm$ 0.184 χ^2 /NDF: 944283.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 581.343 $\pm$ 0.183 χ^2 /NDF: 2154765.2/15

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

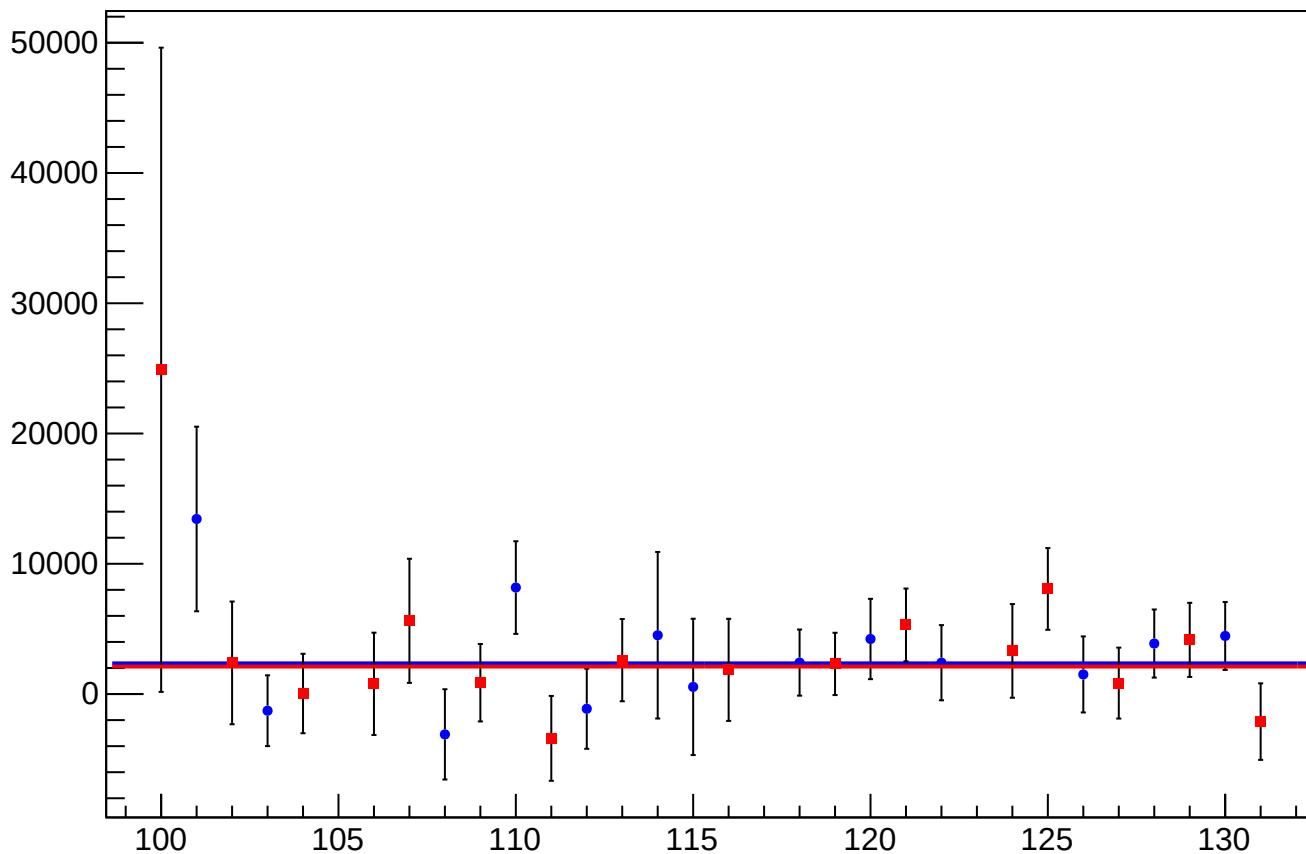
Right: 579.648 $\pm$ 0.130 χ^2 /NDF: 3099220.5/28

In: 577.942 $\pm$ 0.184 χ^2 /NDF:944283.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 579.648 $\pm$ 0.130 χ^2 /NDF: 3099220.5/28

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2353.401+/-885.411 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.502+/-818.600 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

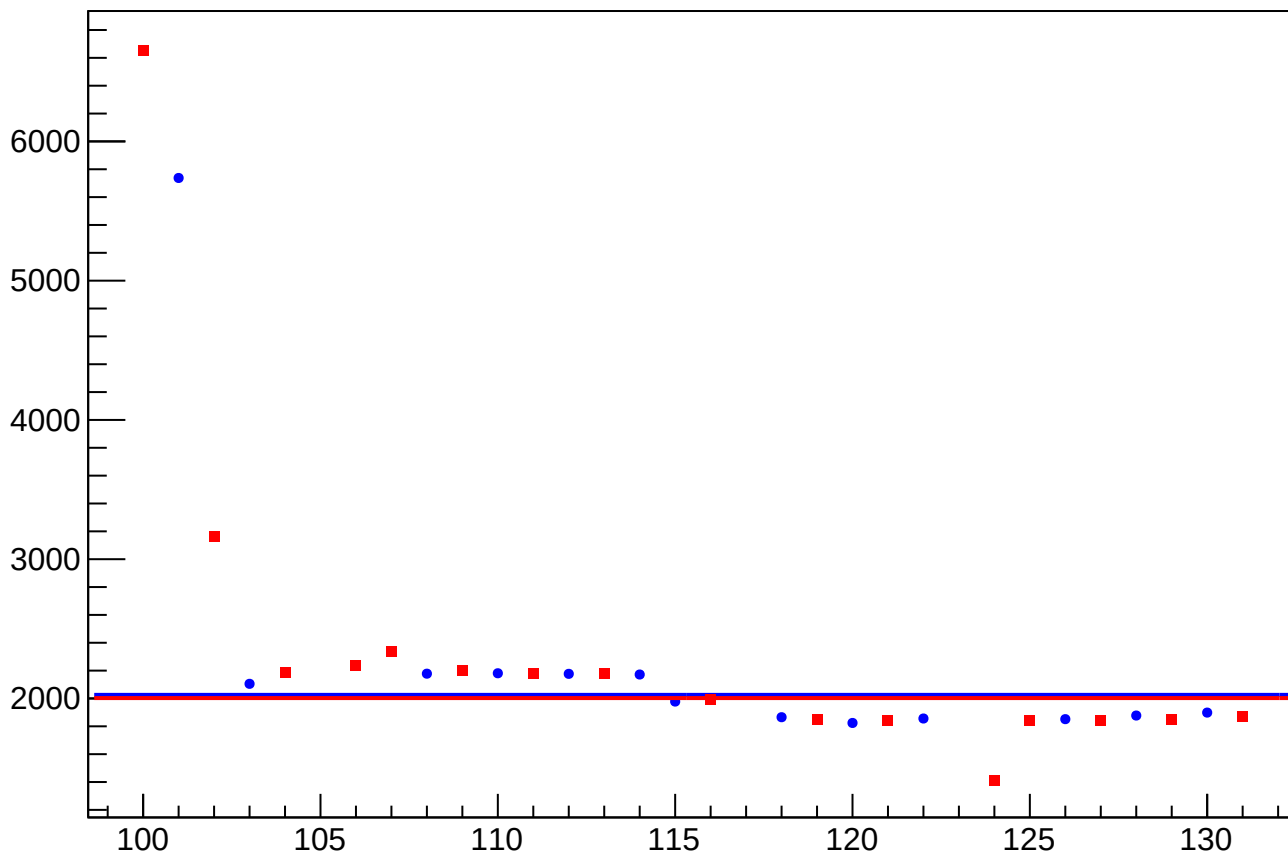
Right: 2223.521+/-601.071 χ^2/NDF : 25.3/28

In: 2353.401+/-885.411 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.521+/-601.071 χ^2/NDF : 25.3/28

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2025.836+/-0.626 χ^2/NDF : 605929.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2002.734+/-0.579 χ^2/NDF : 328541.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

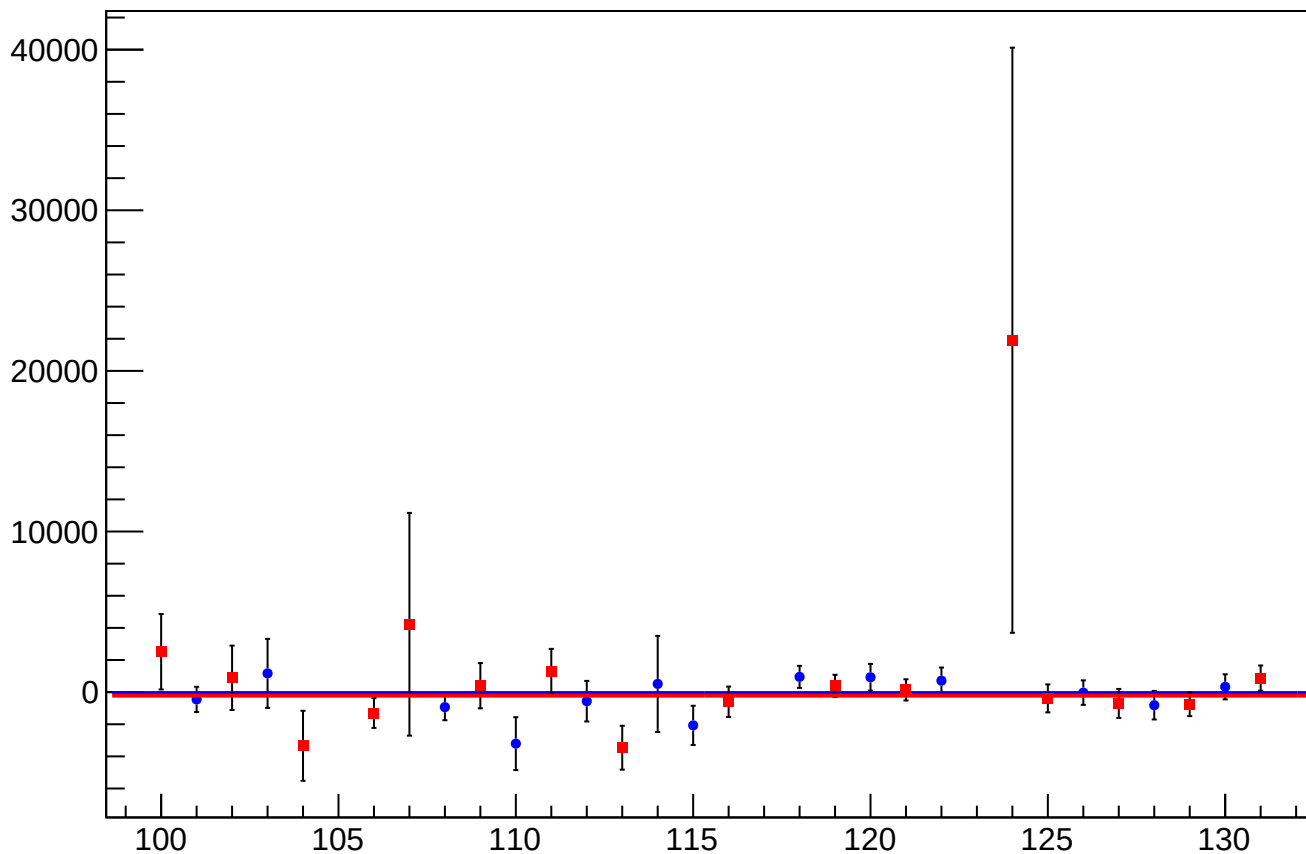
Right: 2013.380+/-0.425 χ^2/NDF : 935204.9/28

In: 2025.836+/-0.626 χ^2/NDF : 605929.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2013.380+/-0.425 χ^2/NDF : 935204.9/28

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -58.928+/-259.892 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.224+/-259.049 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

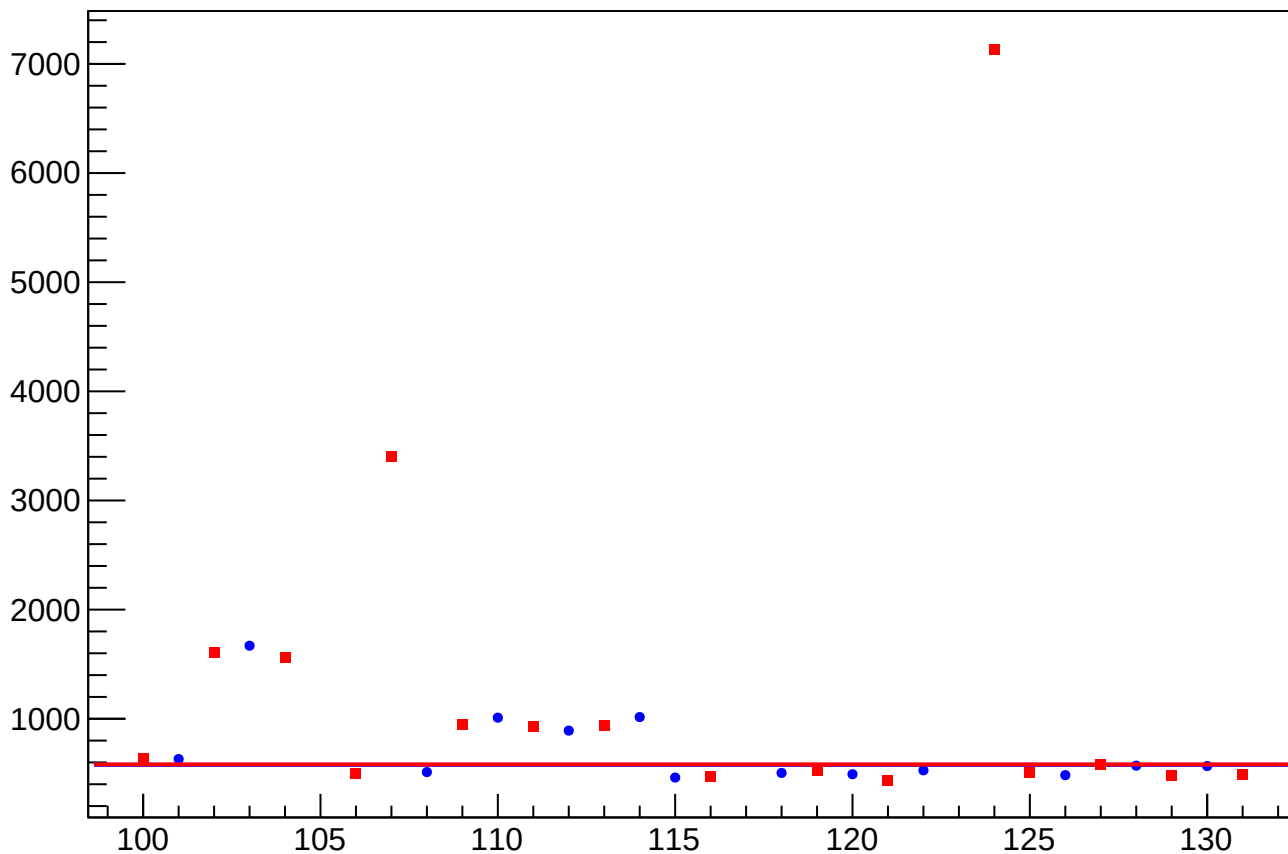
Right: -138.333+/-183.473 χ^2/NDF : 31.9/28

In: -58.928+/-259.892 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.333+/-183.473 χ^2/NDF : 31.9/28

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 577.941+/-0.184 χ^2/NDF : 944287.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 581.342+/-0.183 χ^2/NDF : 2154770.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

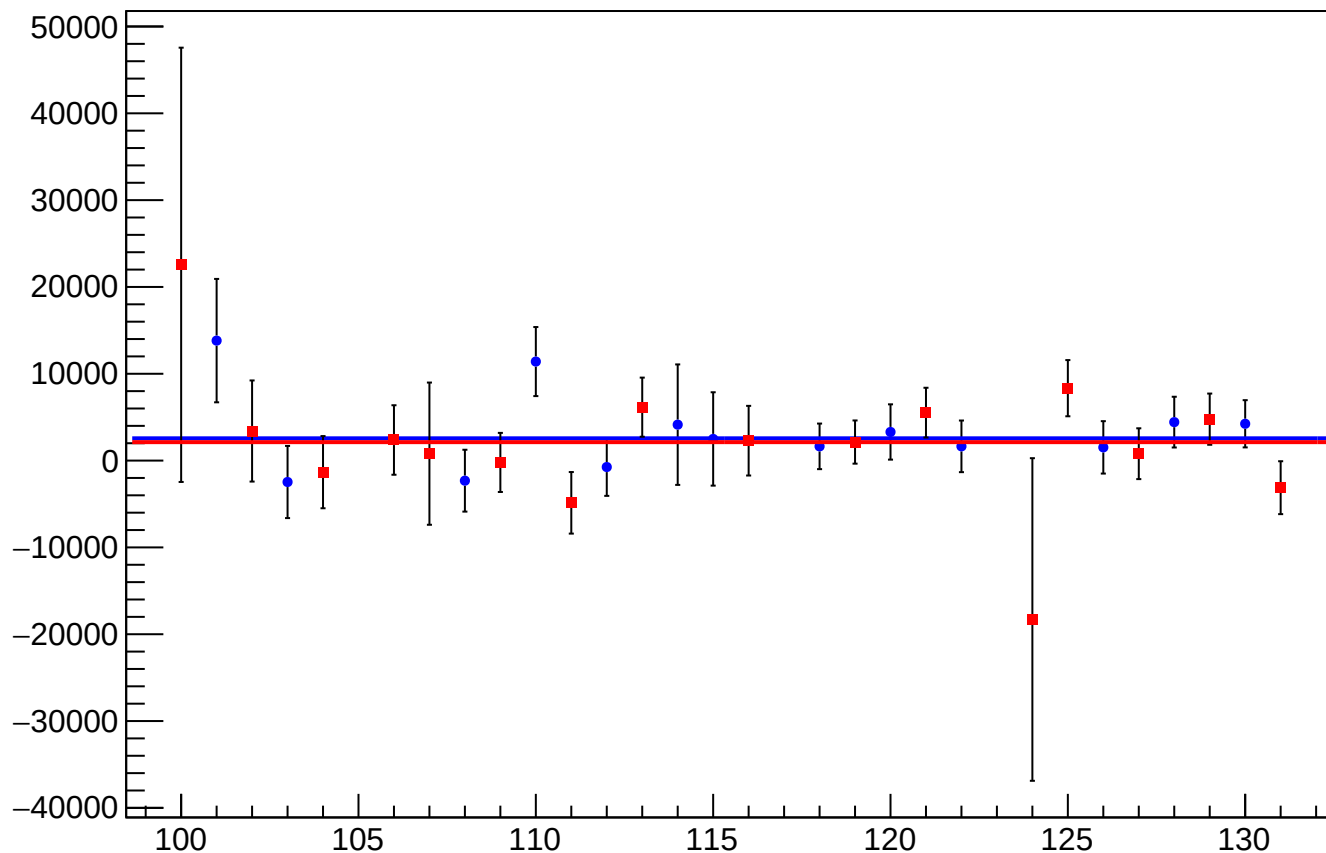
Right: 579.647+/-0.130 χ^2/NDF : 3099229.5/28

In: 577.941+/-0.184 χ^2/NDF :944287.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 579.647+/-0.130 χ^2/NDF : 3099229.5/28

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2565.082+/-960.196 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2124.428+/-912.149 χ^2/NDF : 17.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

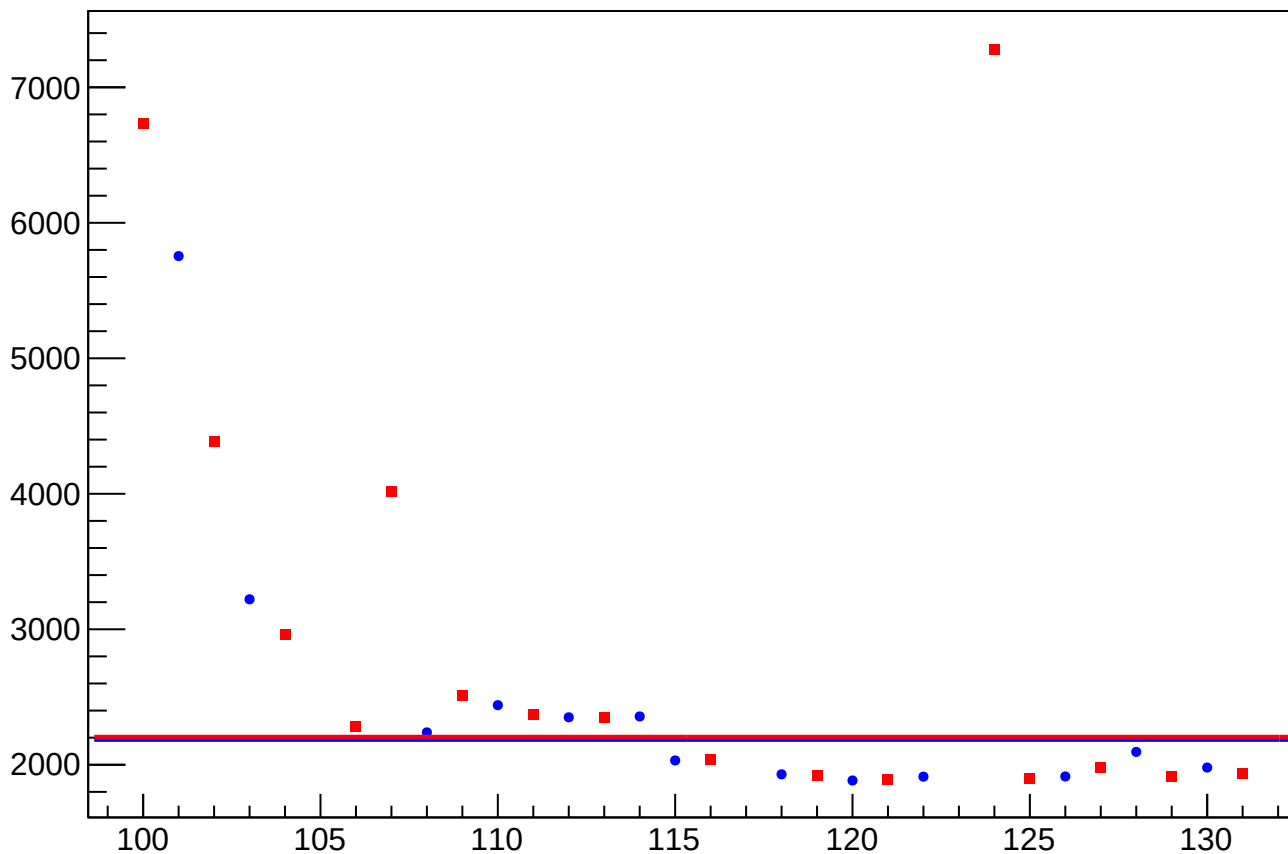
Right: 2333.455+/-661.320 χ^2/NDF : 30.6/28

In: 2565.082+/-960.196 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.455+/-661.320 χ^2/NDF : 30.6/28

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2183.758+/-0.679 χ^2/NDF : 728532.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2206.831+/-0.645 χ^2/NDF : 802225.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

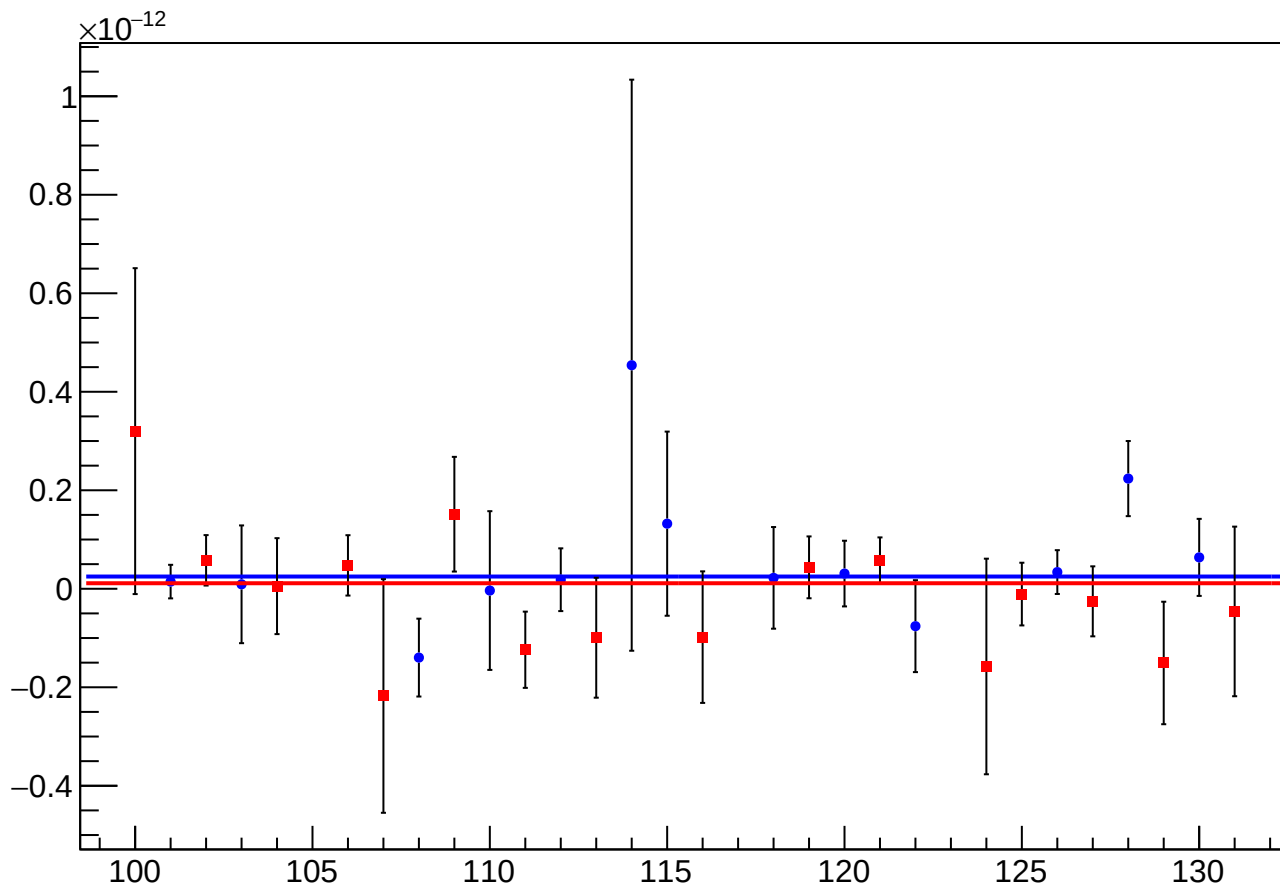
Right: 2195.886+/-0.468 χ^2/NDF : 1531365.7/28

In: 2183.758+/-0.679 χ^2/NDF : 728532.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.886+/-0.468 χ^2/NDF : 1531365.7/28

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

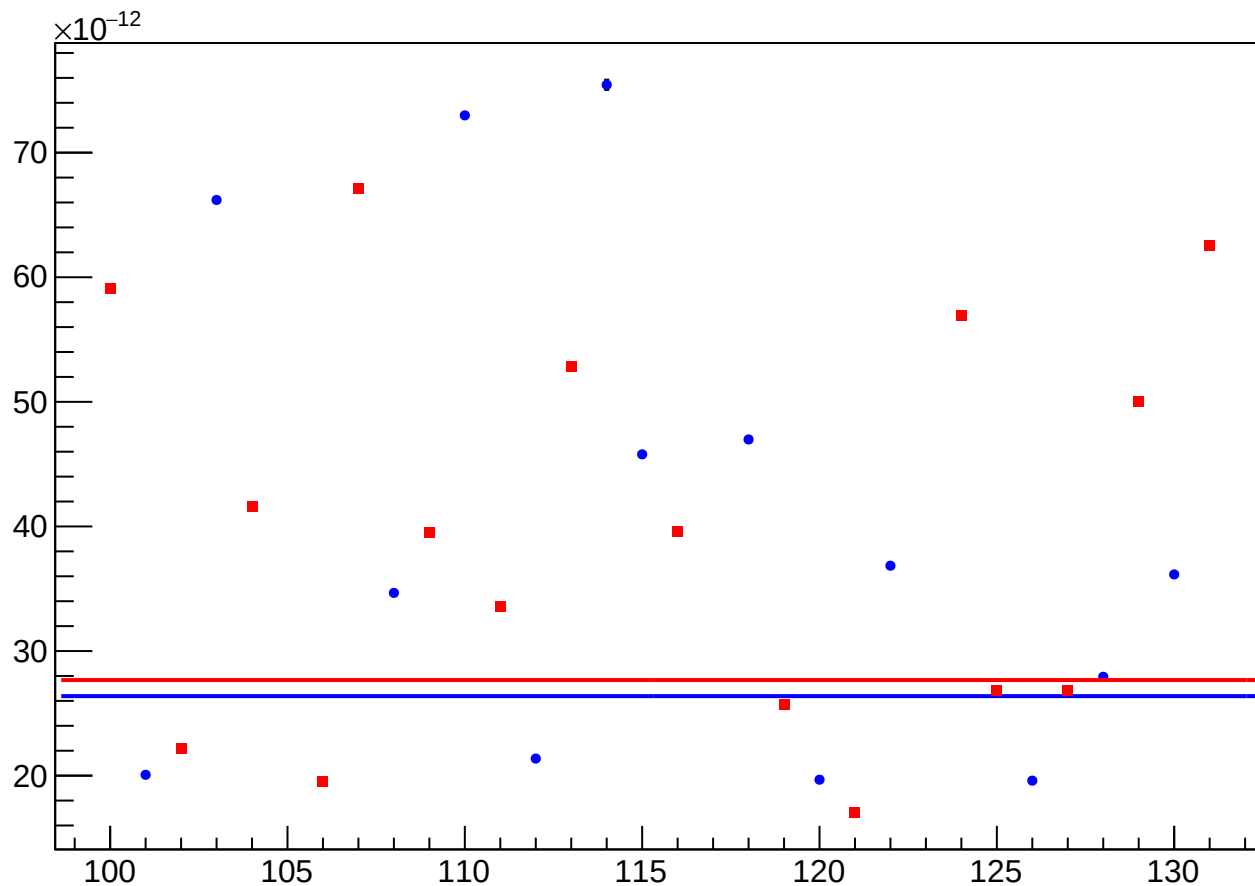
Right: 0.000+/-0.000 χ^2/NDF : 26.8/28

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.8/28

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 731772.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 593698.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

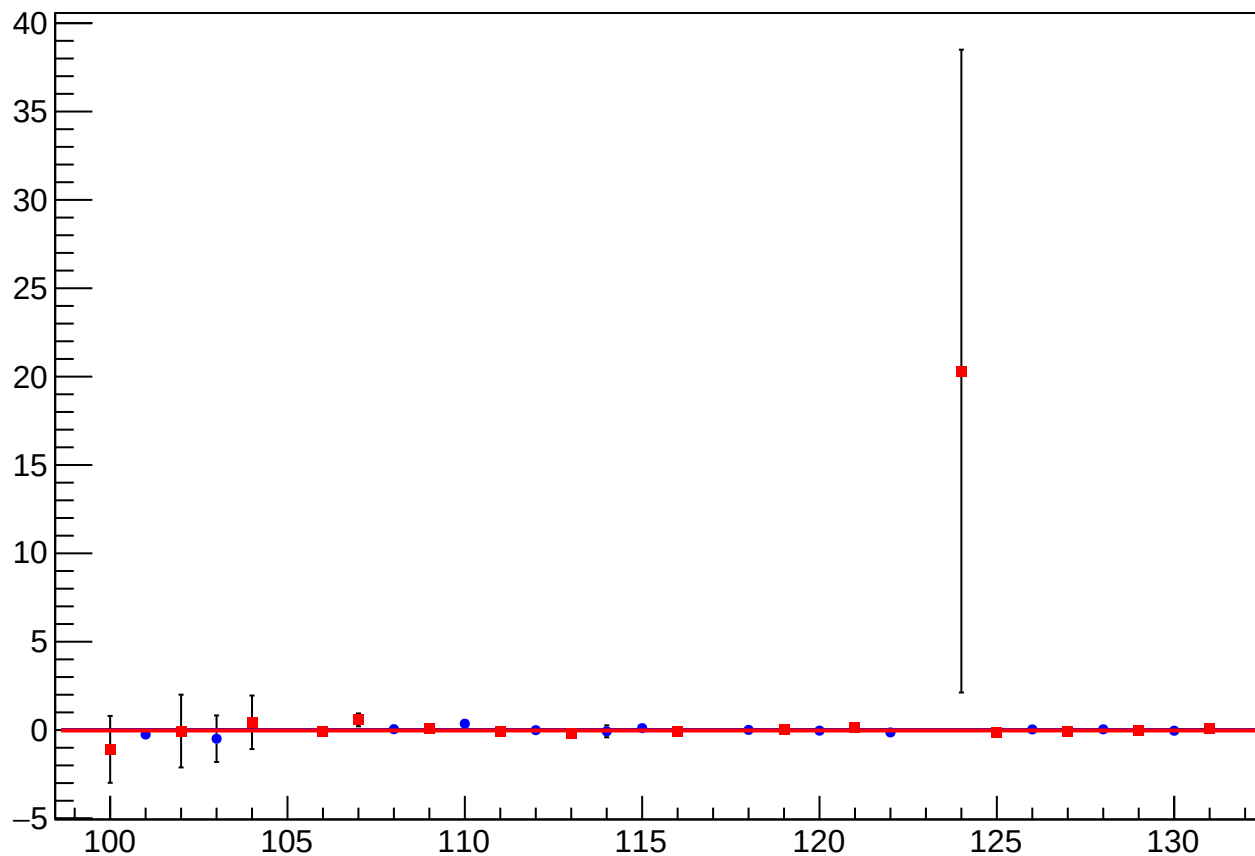
Right: 0.000+/-0.000 χ^2/NDF : 1329706.3/28

In: 0.000+/-0.000 χ^2/NDF : 731772.7/12

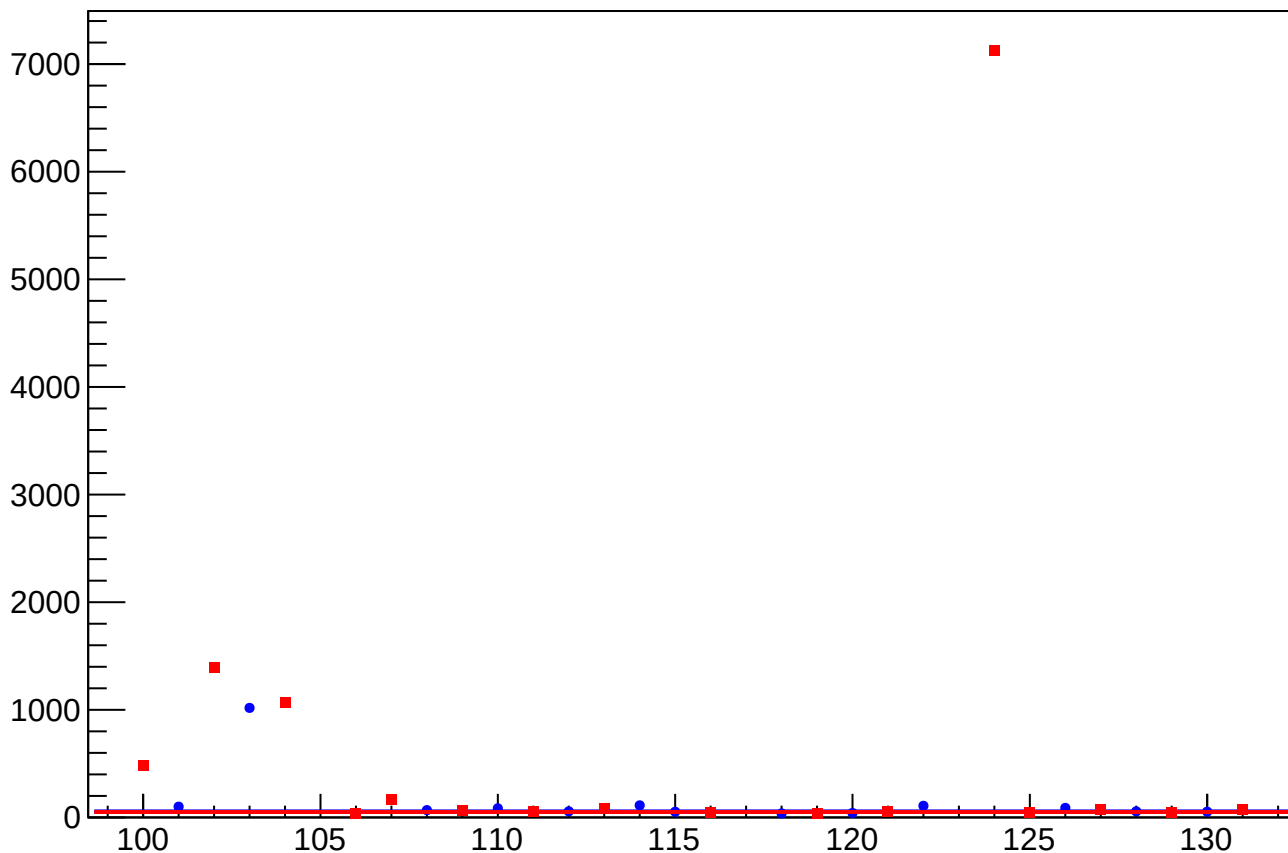
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1329706.3/28

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.915+/-0.019 χ^2/NDF : 2886667.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

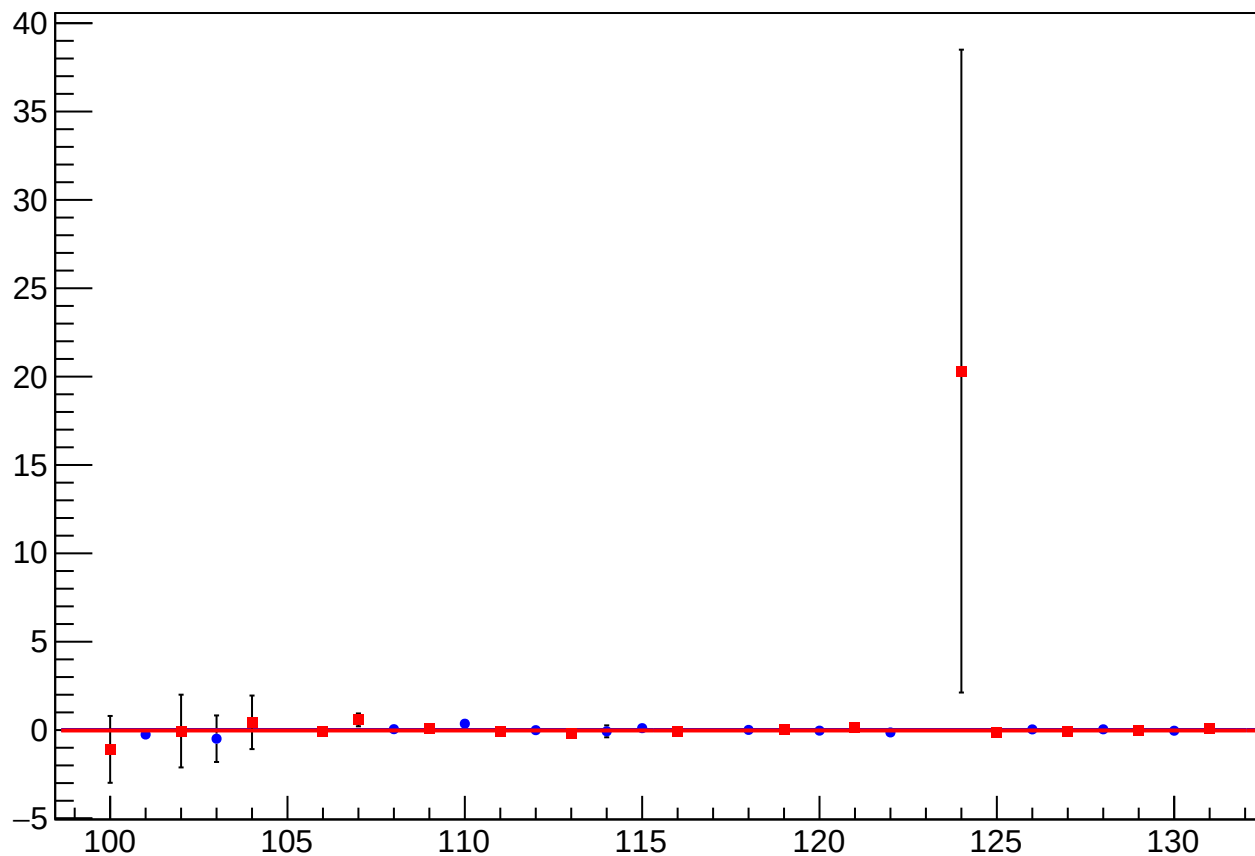
Right: 53.251+/-0.014 χ^2/NDF : 4894573.3/28

In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894573.3/28

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

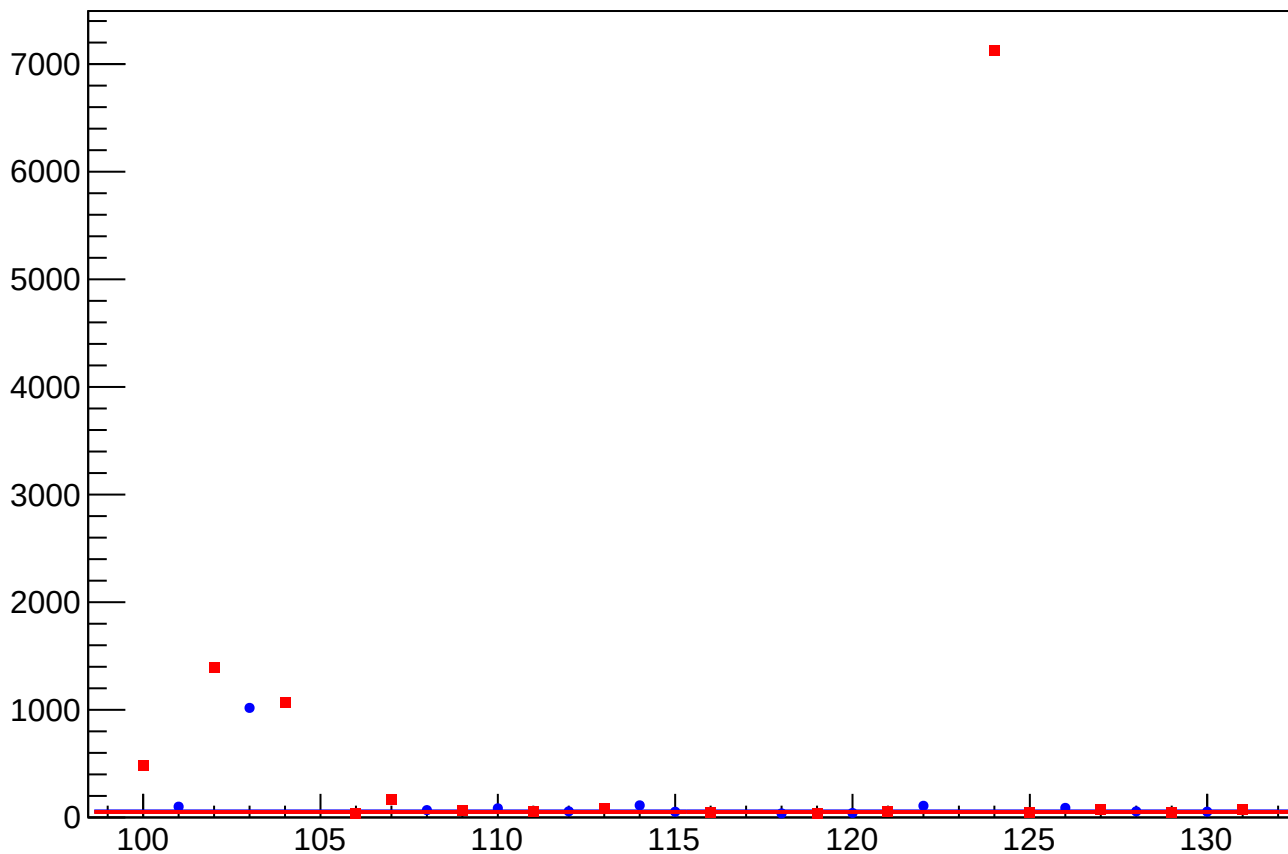
Right: -0.010+/-0.020 χ^2/NDF : 26.3/28

In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.020 χ^2/NDF : 26.3/28

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.915+/-0.019 χ^2/NDF : 2886667.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

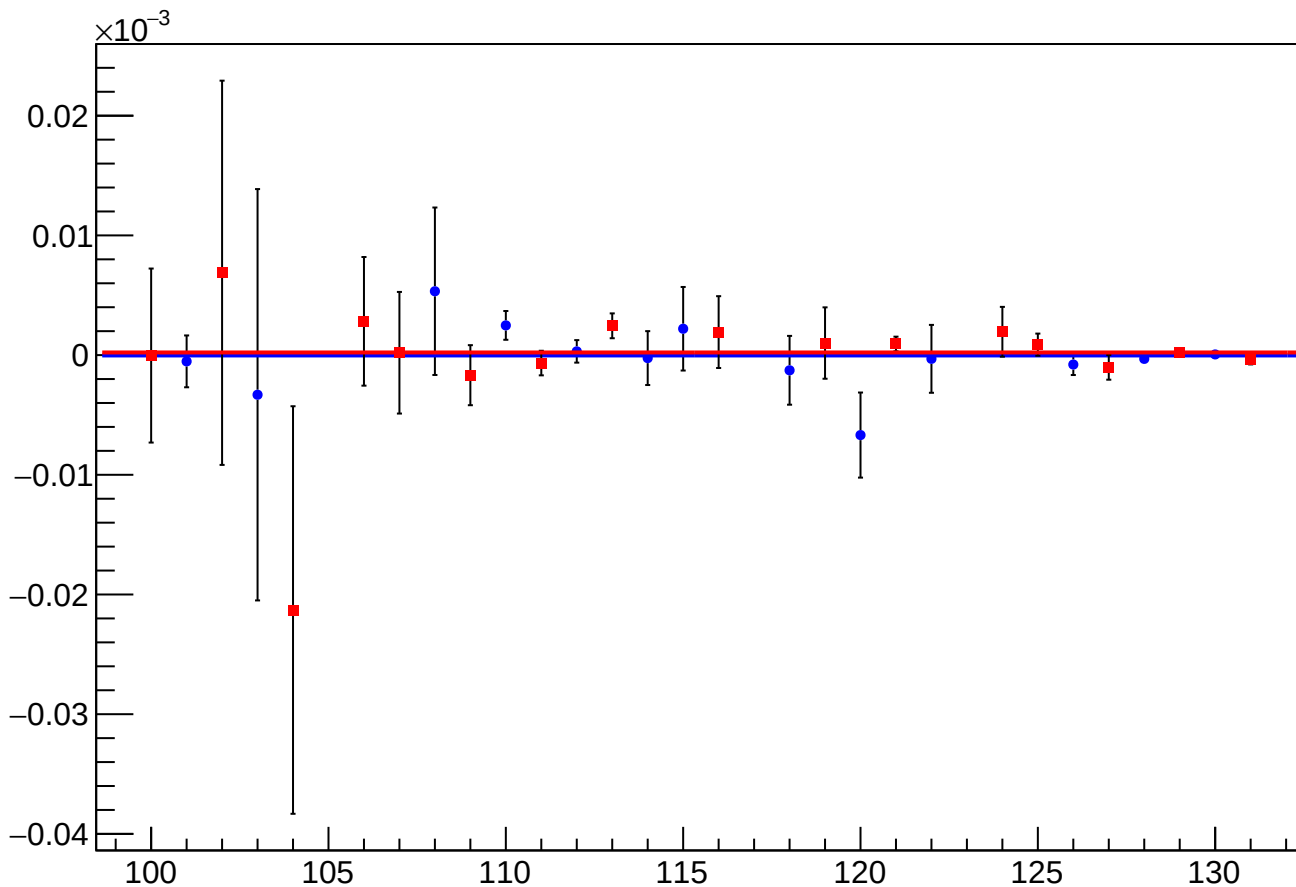
Right: 53.251+/-0.014 χ^2/NDF : 4894573.3/28

In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894573.3/28

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 14.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

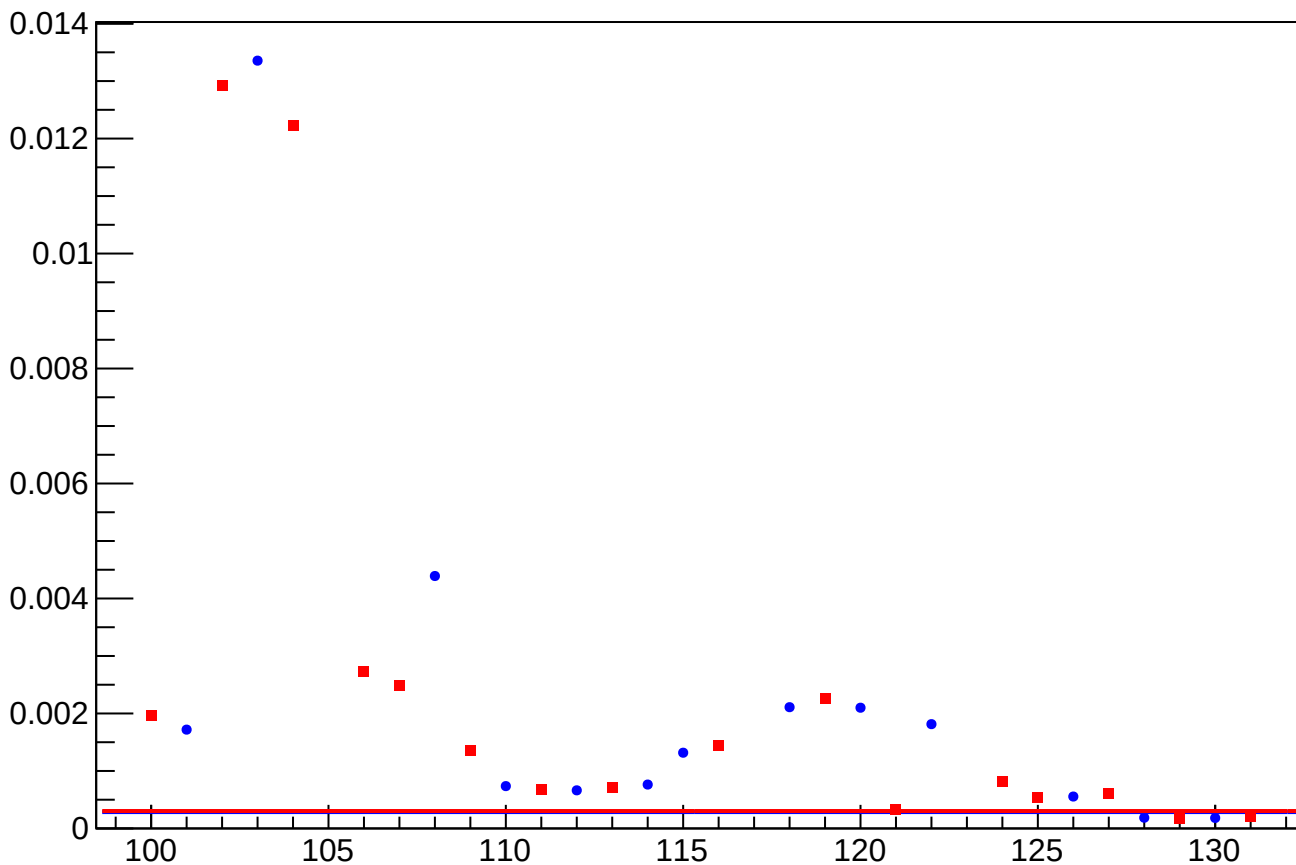
Right: 0.000 ± 0.000 χ^2/NDF : 25.5/28

In: -0.000 ± 0.000 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 25.5/28

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6150345.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6183188.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

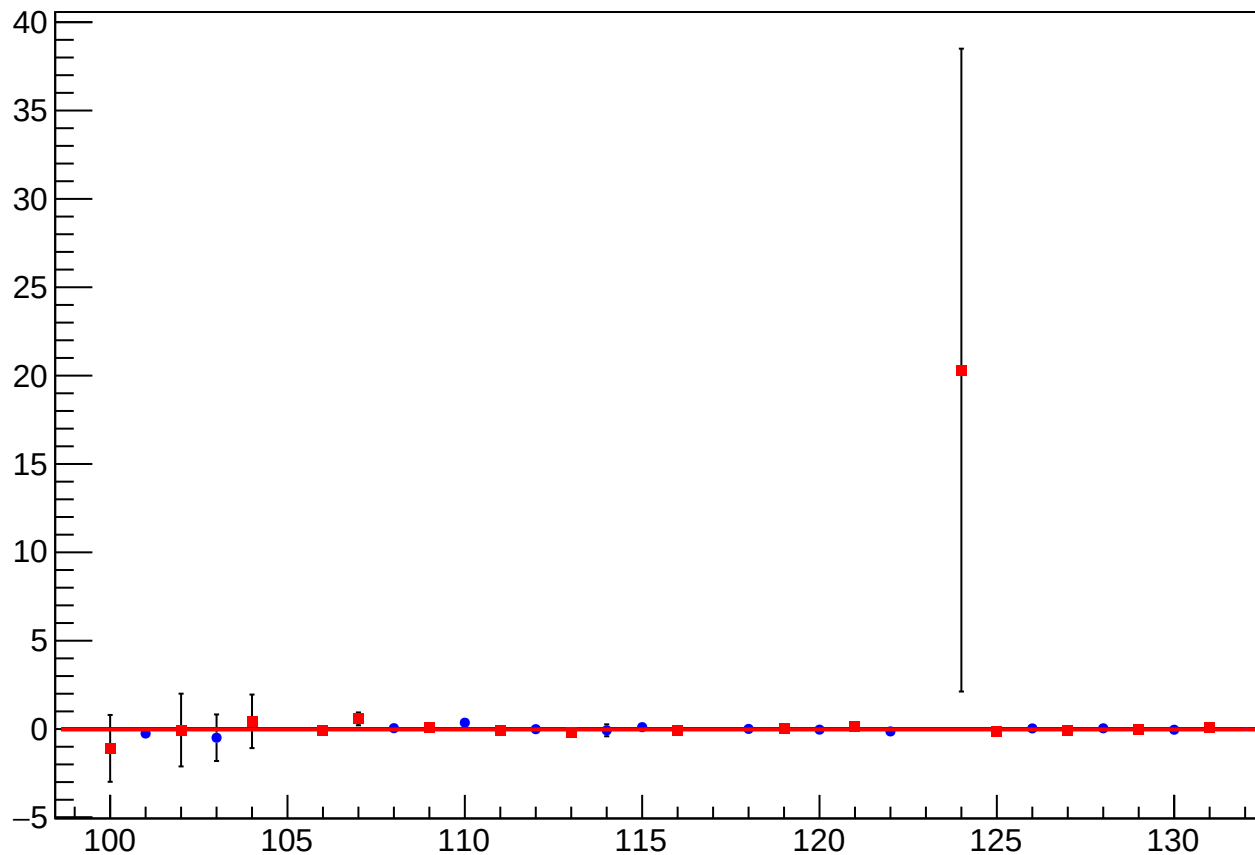
Right: 0.000+/-0.000 χ^2/NDF : 12342511.3/28

In: 0.000+/-0.000 χ^2/NDF :6150345.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12342511.3/28

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

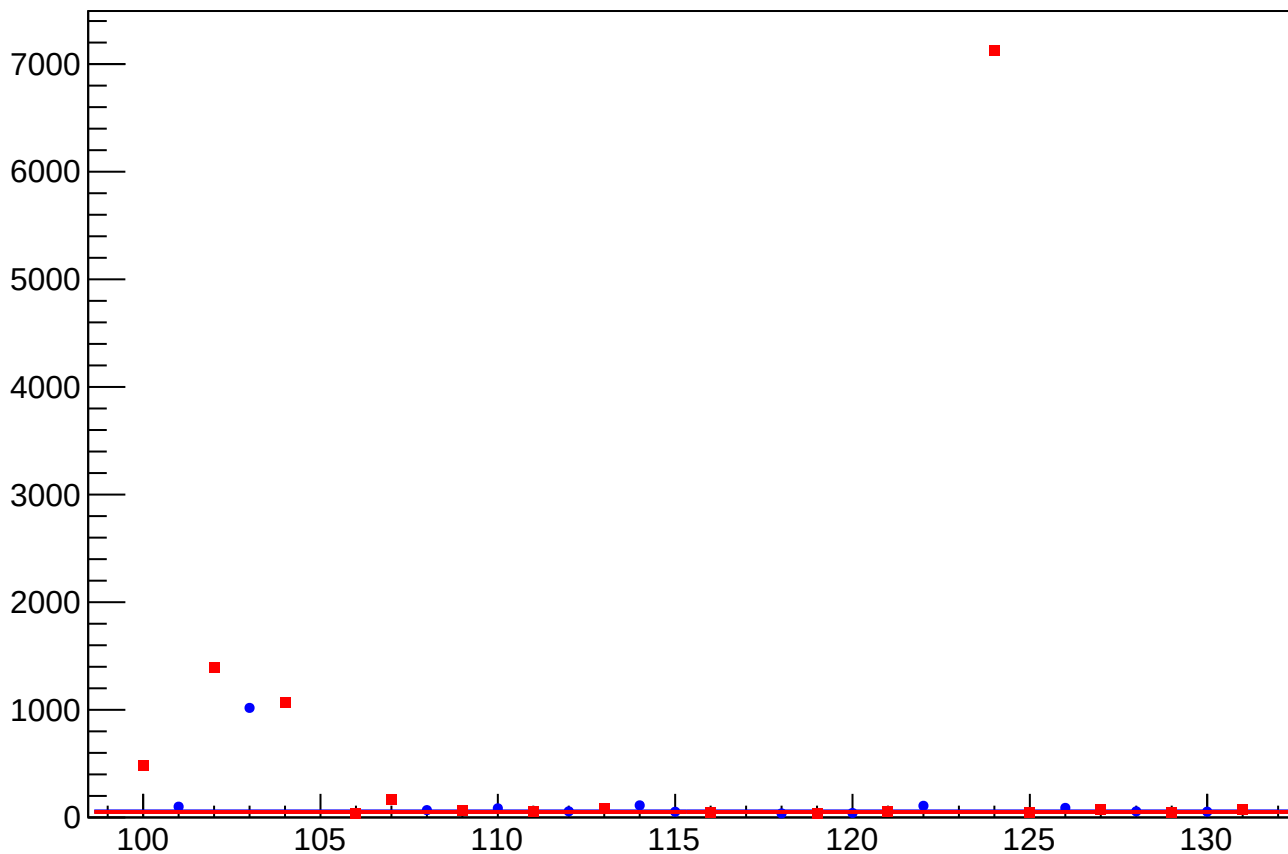
Right: -0.010+/-0.020 χ^2/NDF : 26.3/28

In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.020 χ^2/NDF : 26.3/28

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.914+/-0.019 χ^2/NDF : 2886714.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

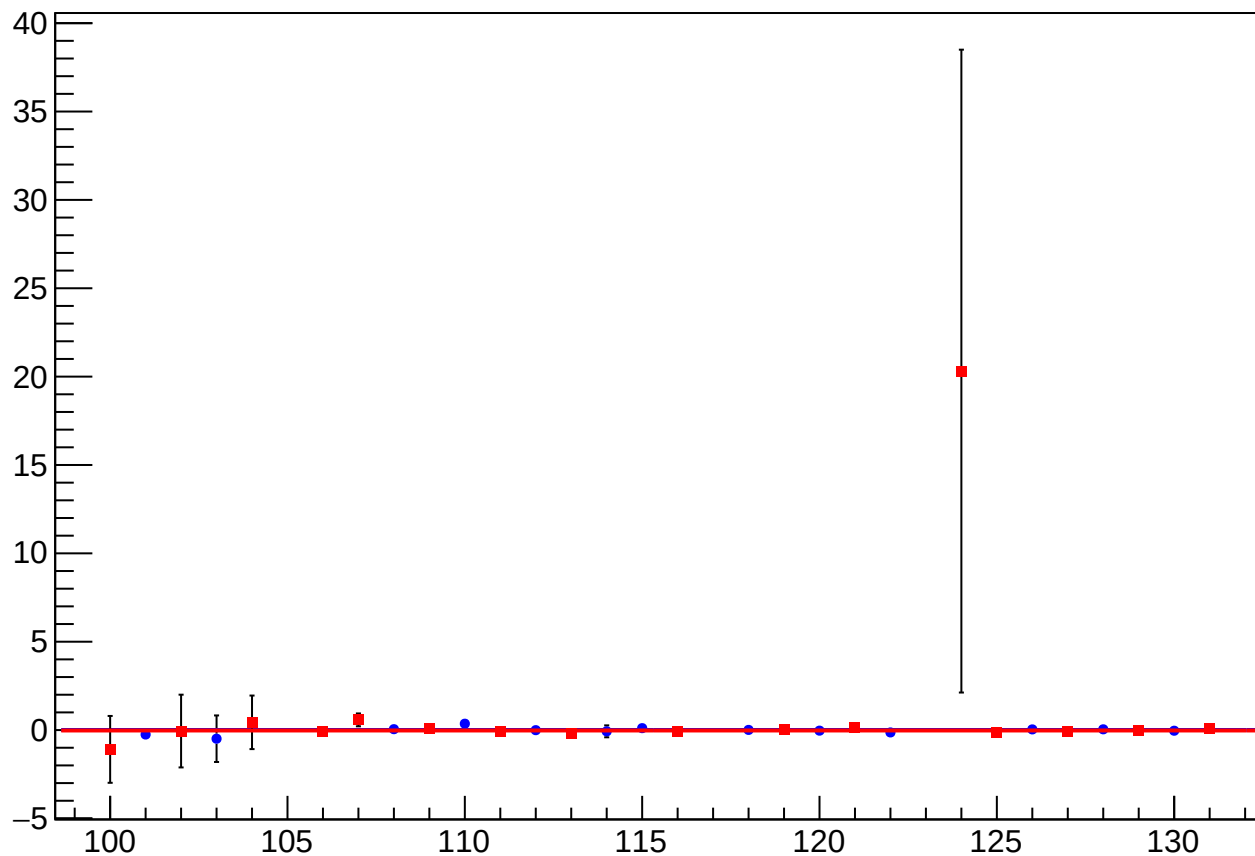
Right: 53.251+/-0.014 χ^2/NDF : 4894643.6/28

In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894643.6/28

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

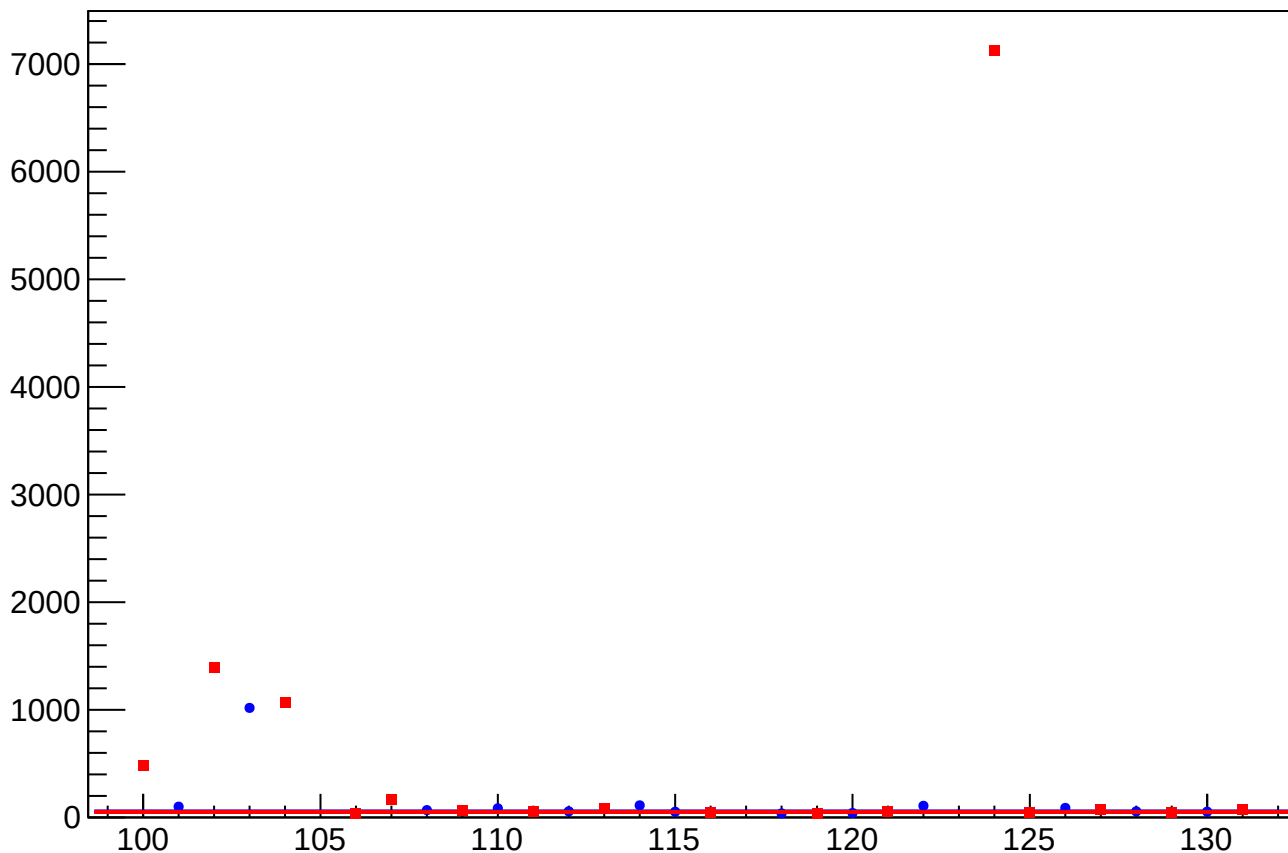
Right: -0.010+/-0.020 χ^2/NDF : 26.3/28

In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.020 χ^2/NDF : 26.3/28

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.914+/-0.019 χ^2/NDF : 2886714.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

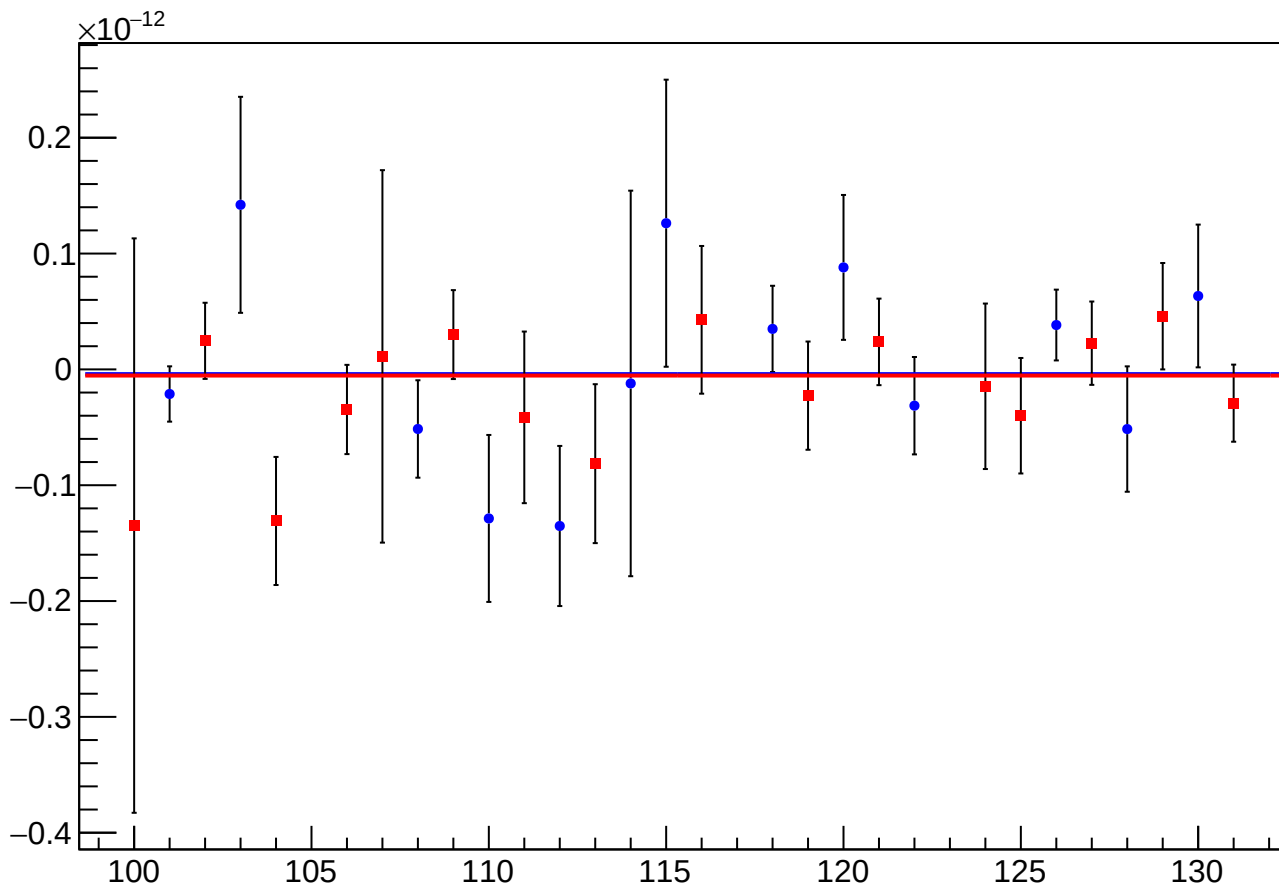
Right: 53.251+/-0.014 χ^2/NDF : 4894643.6/28

In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894643.6/28

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.5/12

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

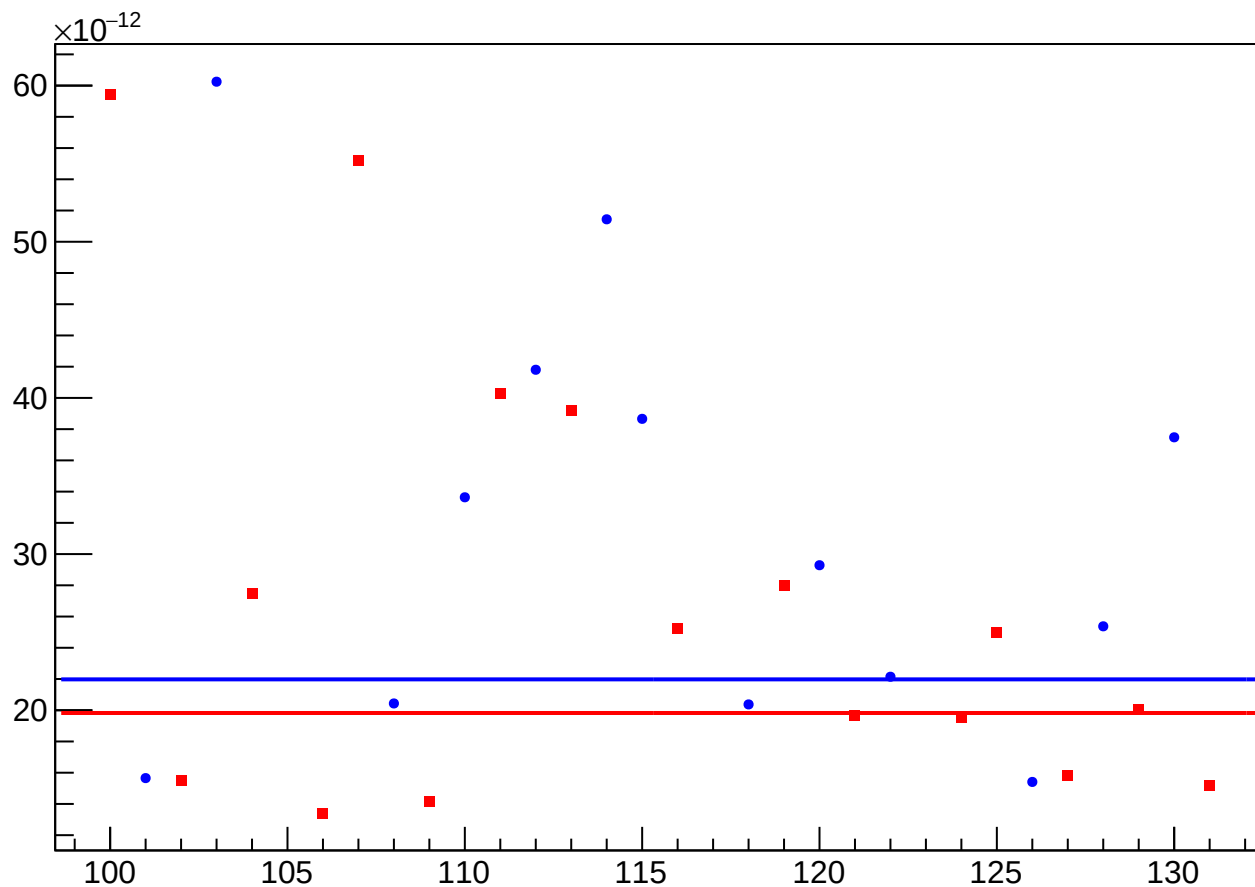
Right: -0.000+/-0.000 χ^2/NDF : 32.9/28

In: -0.000+/-0.000 χ^2/NDF : 19.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.9/28

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1053502.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 792012.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

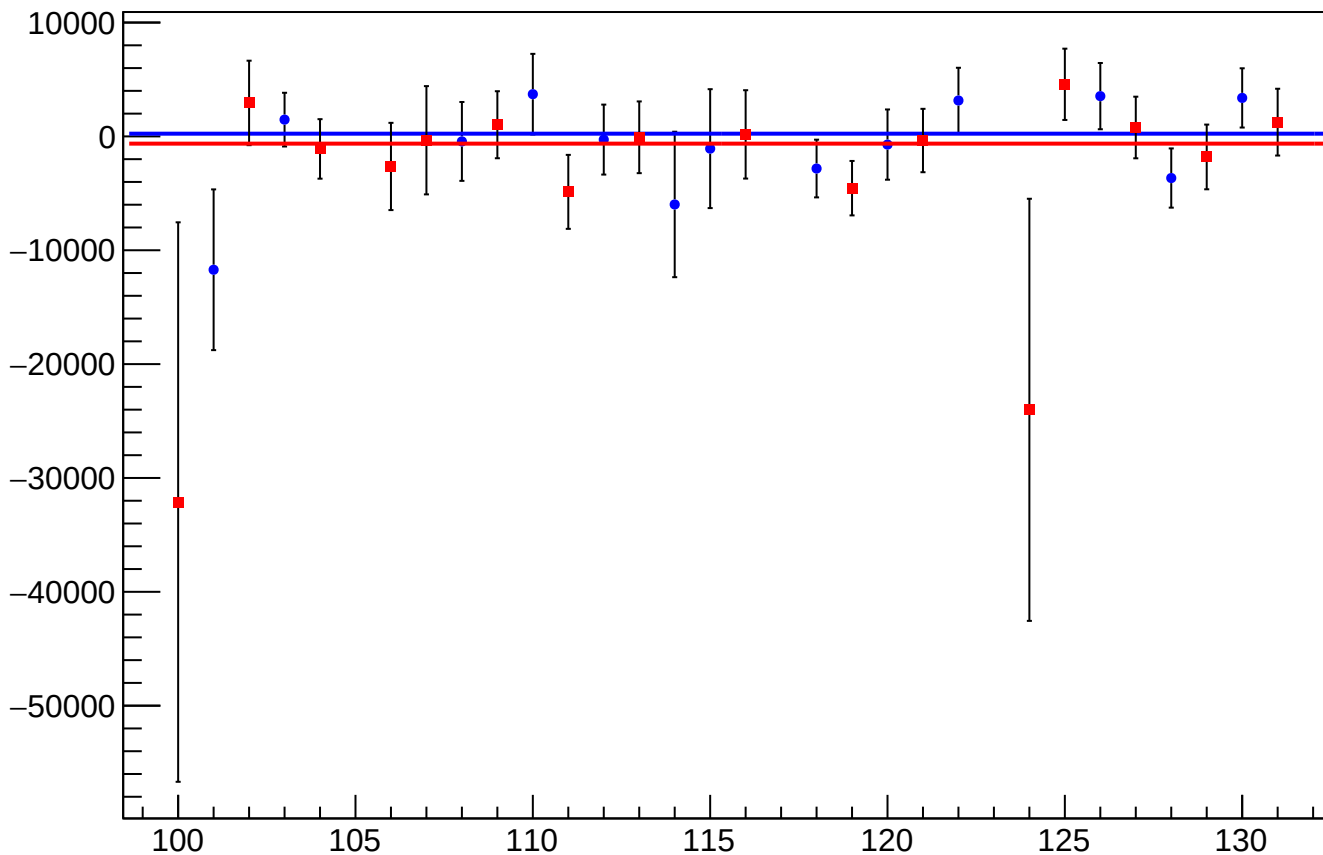
Right: 0.000+/-0.000 χ^2/NDF : 1876326.5/28

In: 0.000+/-0.000 χ^2/NDF : 1053502.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1876326.5/28

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 238.937+/-868.577 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.946+/-817.576 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

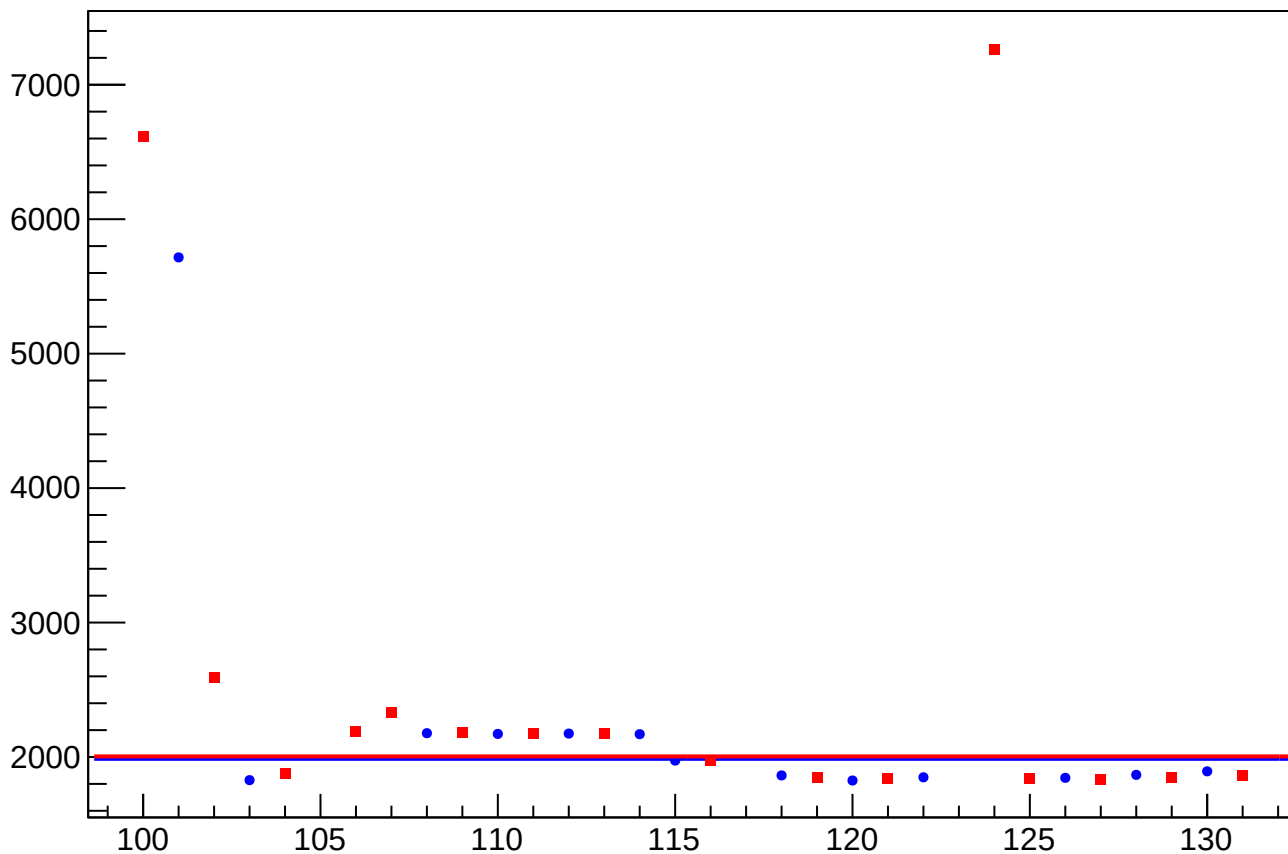
Right: -224.943+/-595.328 χ^2/NDF : 26.2/28

In: 238.937+/-868.577 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -224.943+/-595.328 χ^2/NDF : 26.2/28

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2004.552+/-0.578 χ^2/NDF : 358549.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

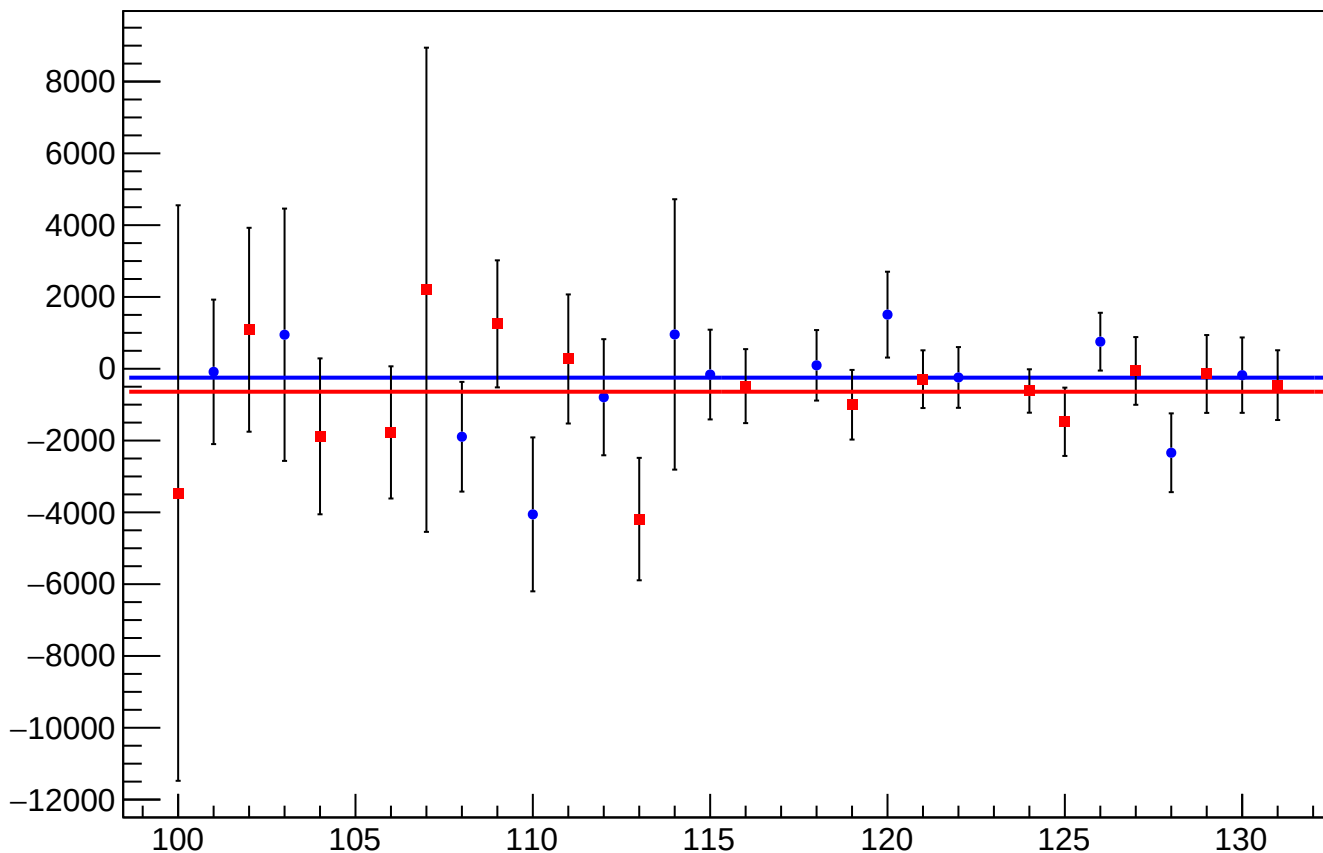
Right: 1996.124+/-0.421 χ^2/NDF : 973250.0/28

In: 1986.613+/-0.614 χ^2/NDF : 614248.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1996.124+/-0.421 χ^2/NDF : 973250.0/28

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -248.056 $\pm$ 343.363 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -639.900 $\pm$ 287.883 χ^2 /NDF: 8.9/15

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

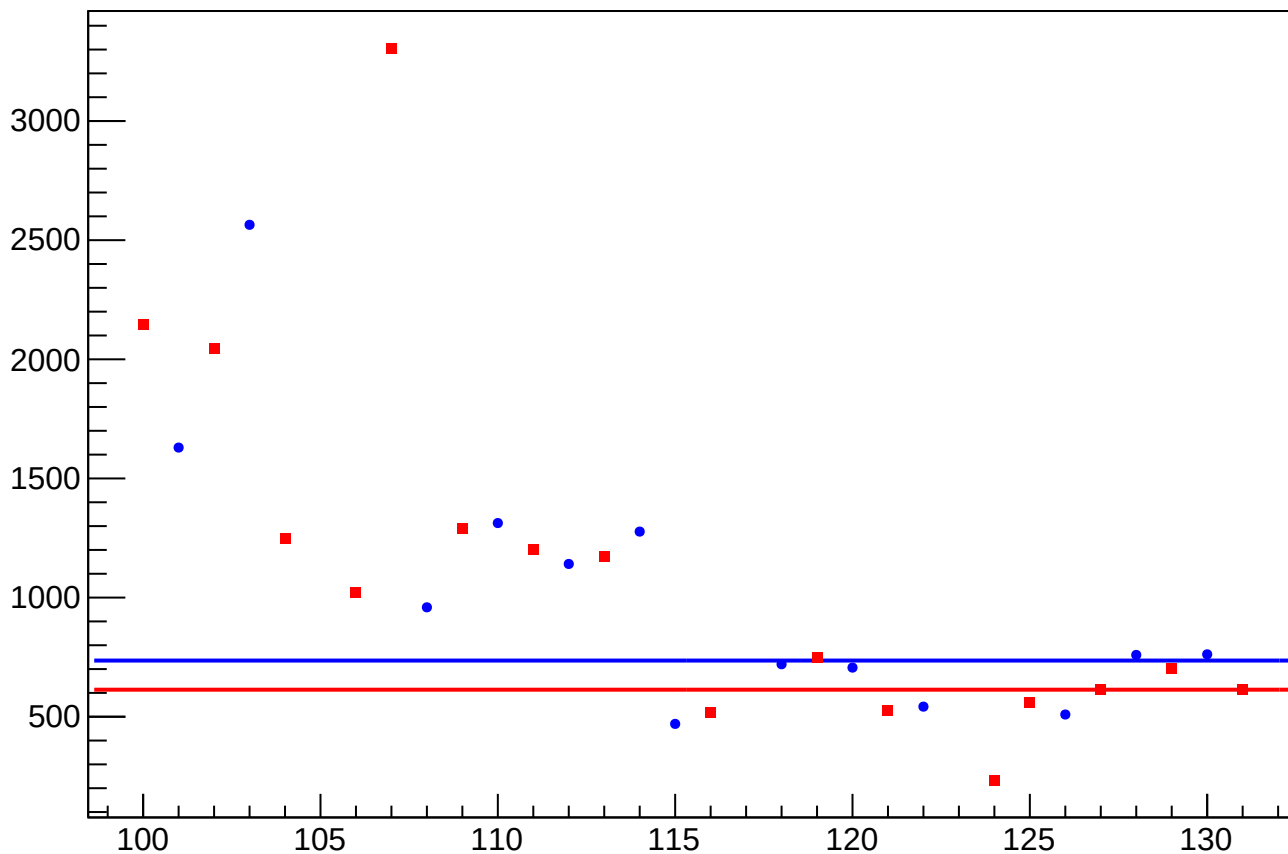
Right: -478.153 $\pm$ 220.605 χ^2 /NDF: 21.7/28

In: -248.056 $\pm$ 343.363 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -478.153 $\pm$ 220.605 χ^2 /NDF: 21.7/28

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 735.734+/-0.243 χ^2/NDF : 1648195.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.465+/-0.204 χ^2/NDF : 2785003.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

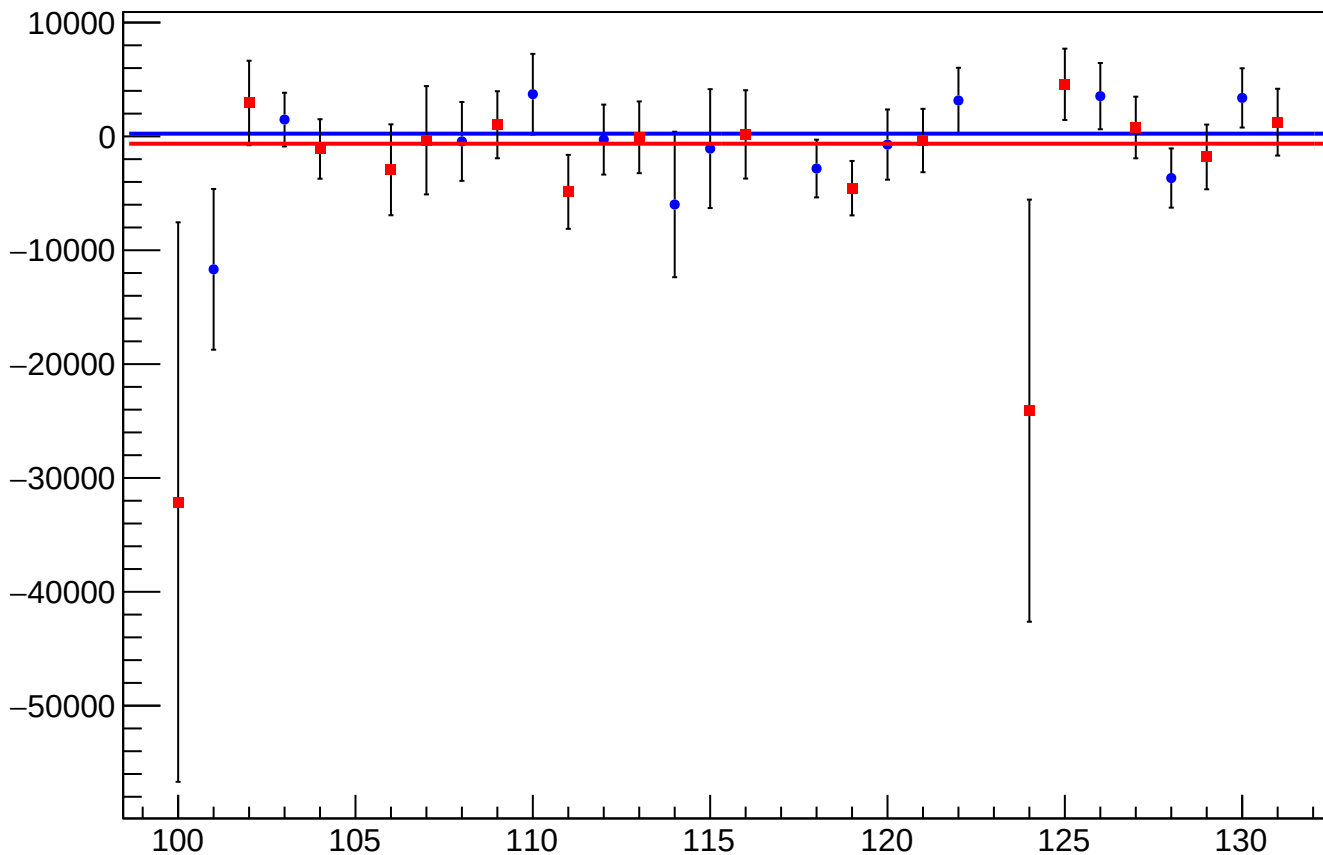
Right: 663.936+/-0.156 χ^2/NDF : 4582119.5/28

In: 735.734+/-0.243 χ^2/NDF : 1648195.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.936+/-0.156 χ^2/NDF : 4582119.5/28

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -641.906+/-819.049 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

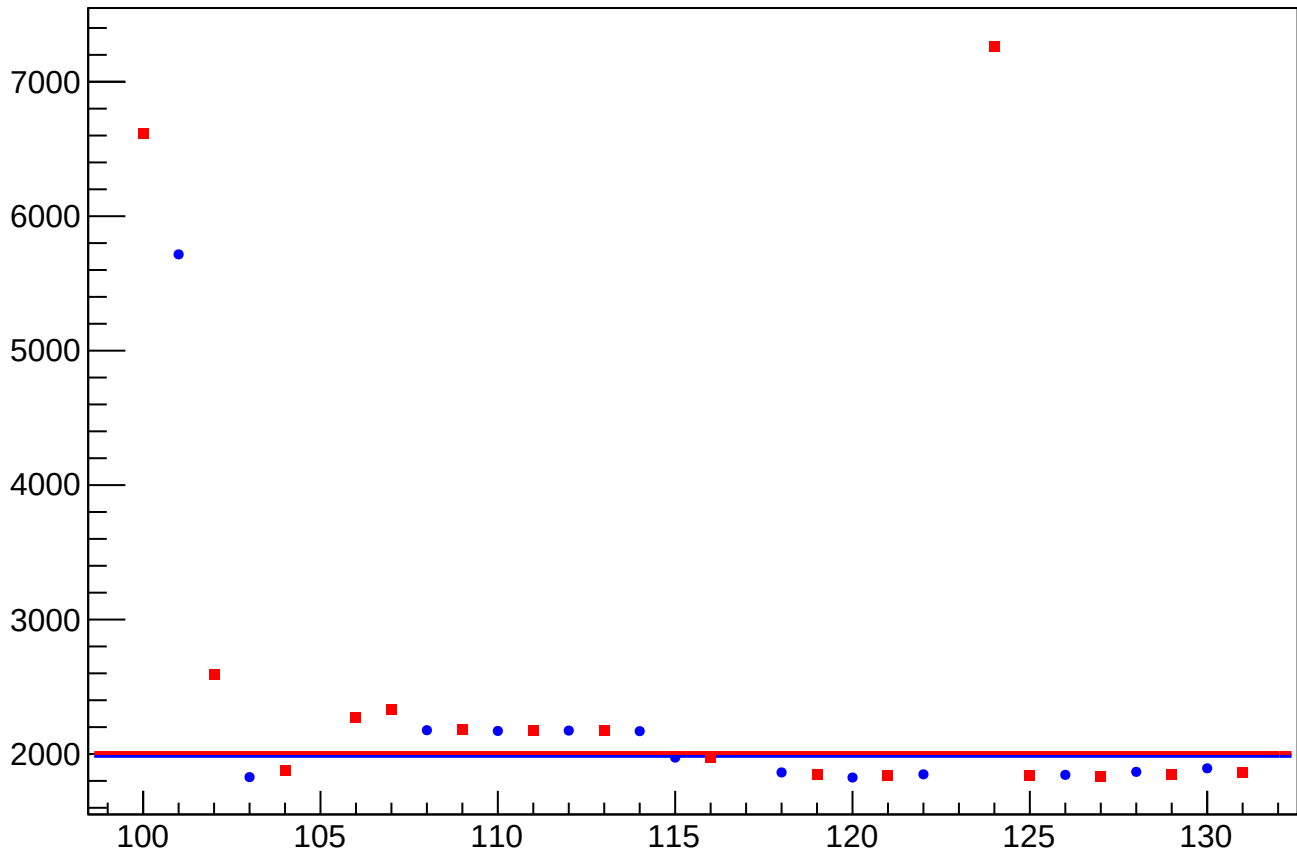
Right: -226.806+/-595.896 χ^2/NDF : 26.2/28

In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.806+/-595.896 χ^2/NDF : 26.2/28

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.341+/-0.579 χ^2/NDF : 362766.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

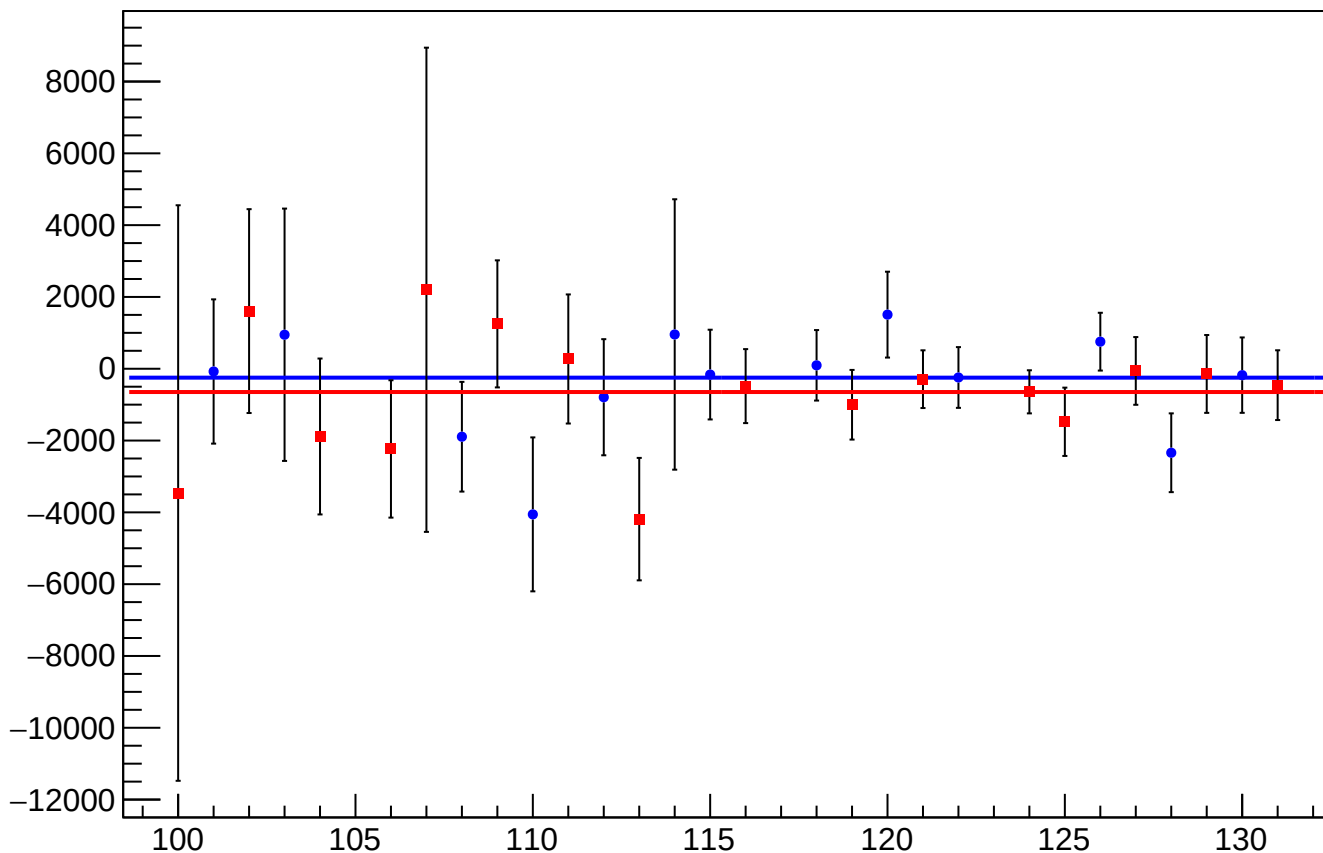
Right: 1997.585+/-0.421 χ^2/NDF : 977617.6/28

In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.585+/-0.421 χ^2/NDF : 977617.6/28

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -247.973+/-343.345 χ^2 /NDF: 12.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -648.382+/-287.665 χ^2 /NDF: 9.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

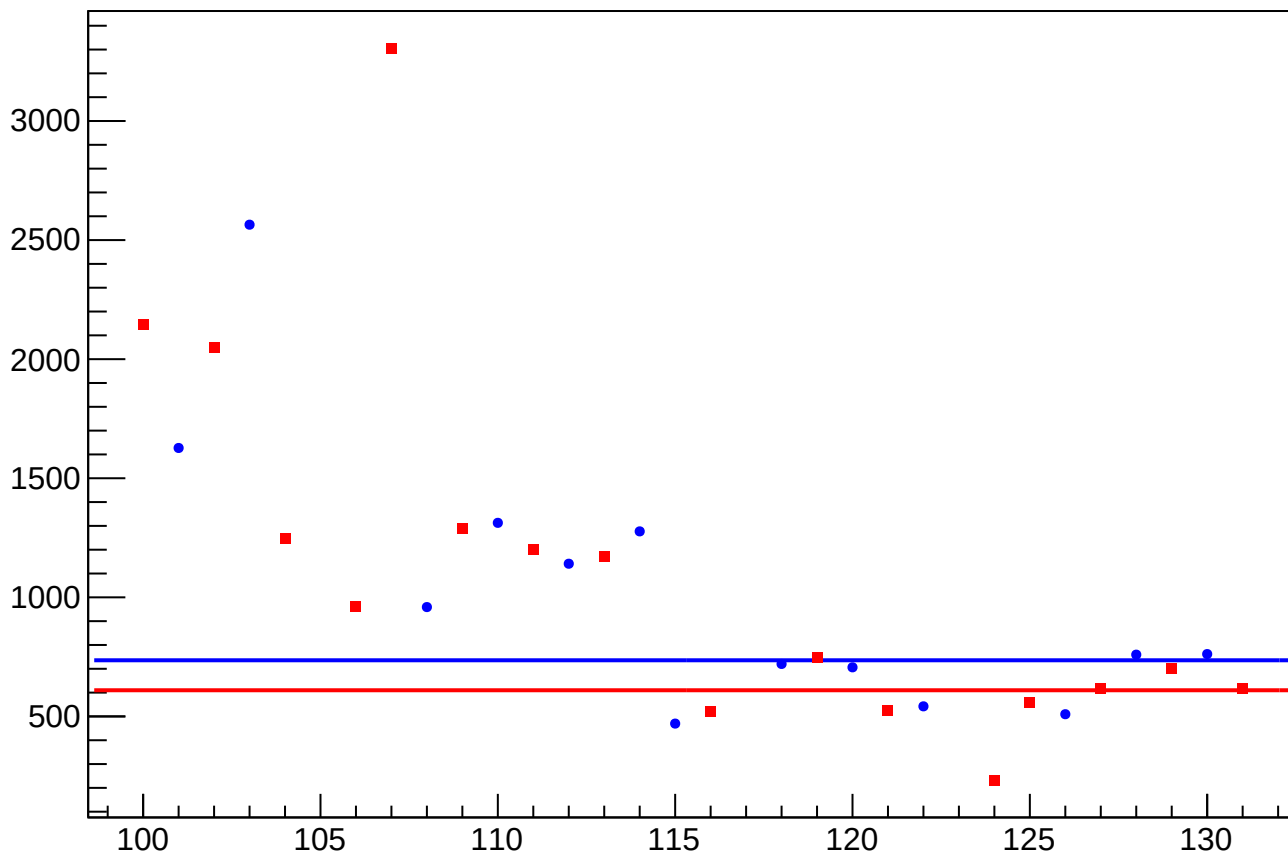
Right: -483.236+/-220.502 χ^2 /NDF: 22.3/28

In: -247.973+/-343.345 χ^2 /NDF:12.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -483.236+/-220.502 χ^2 /NDF: 22.3/28

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 735.732 $\pm$ 0.243 χ^2 /NDF: 1647297.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 609.866 $\pm$ 0.203 χ^2 /NDF: 2773640.7/15

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

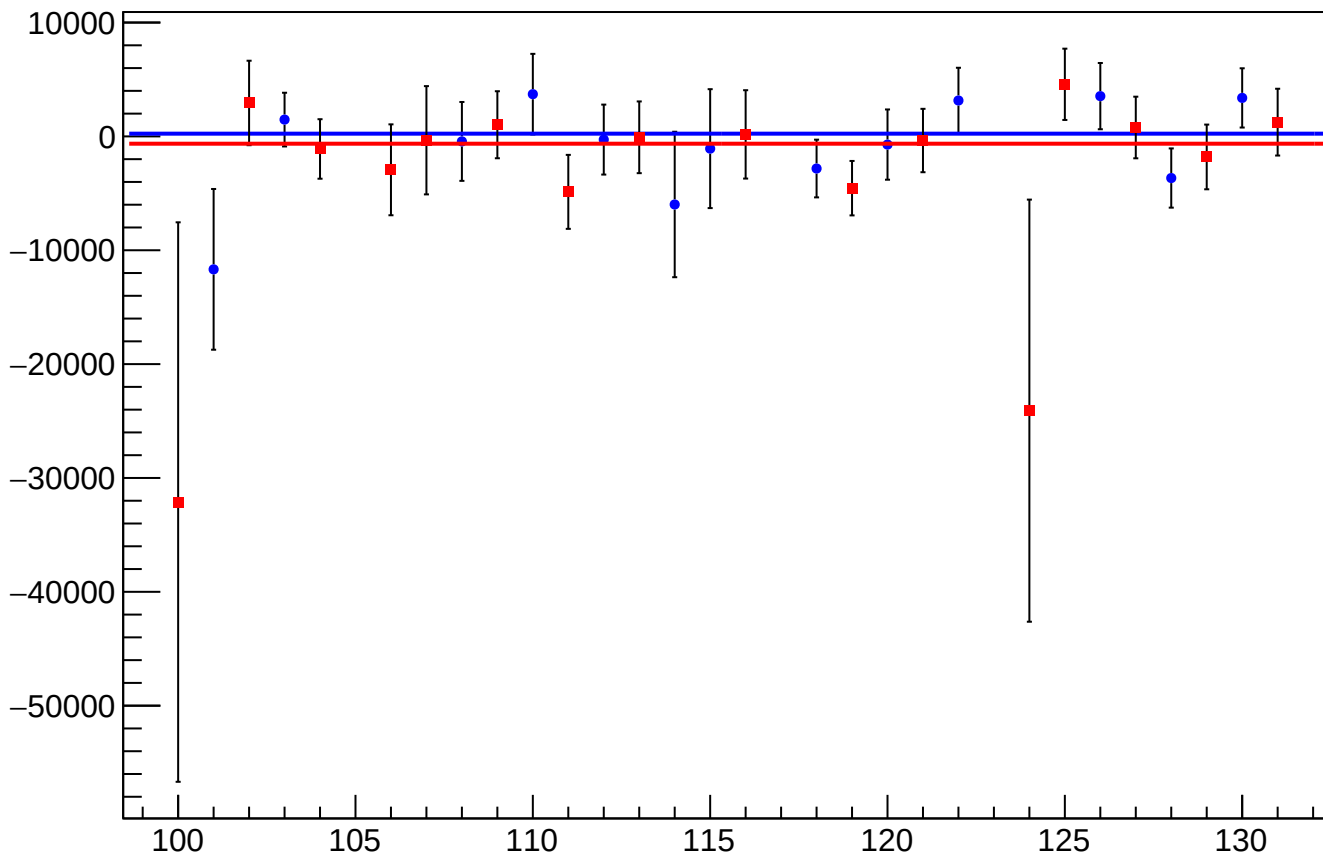
Right: 661.779 $\pm$ 0.156 χ^2 /NDF: 4578858.9/28

In: 735.732 $\pm$ 0.243 χ^2 /NDF:1647297.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 661.779 $\pm$ 0.156 χ^2 /NDF: 4578858.9/28

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -641.906+/-819.049 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

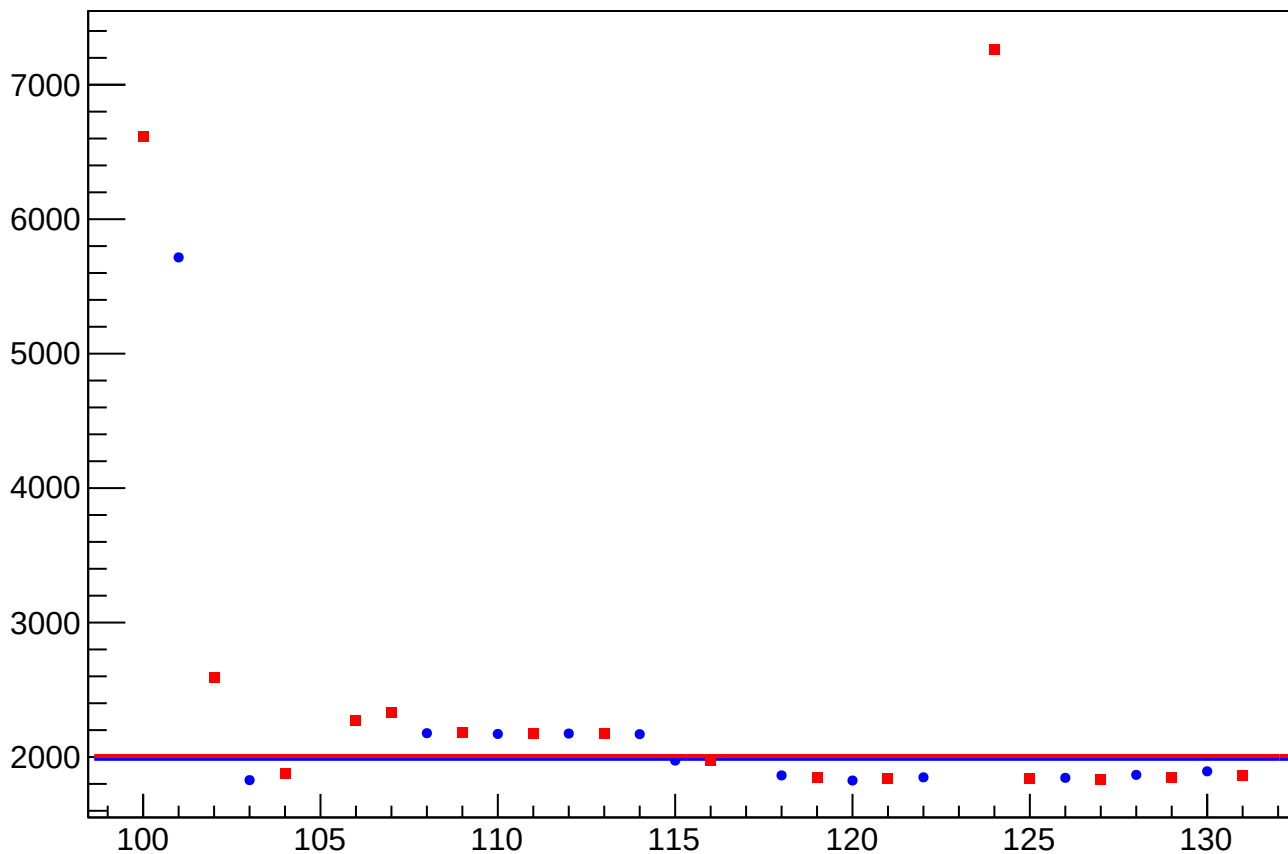
Right: -226.806+/-595.896 χ^2/NDF : 26.2/28

In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.806+/-595.896 χ^2/NDF : 26.2/28

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2007.341+/-0.579 χ^2/NDF : 362766.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

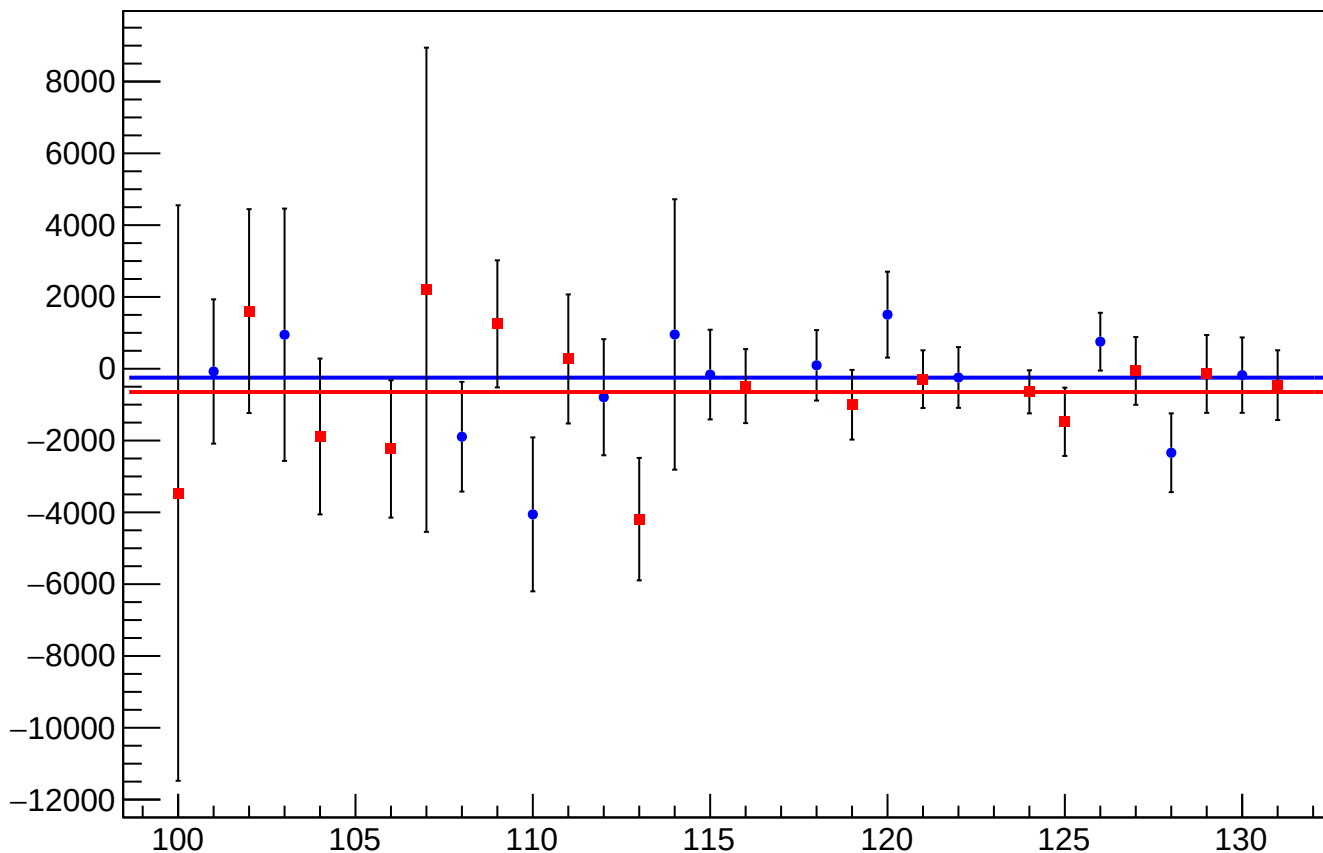
Right: 1997.585+/-0.421 χ^2/NDF : 977617.6/28

In: 1986.613+/-0.614 χ^2/NDF :614248.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1997.585+/-0.421 χ^2/NDF : 977617.6/28

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -247.973+/-343.345 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -648.382+/-287.665 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

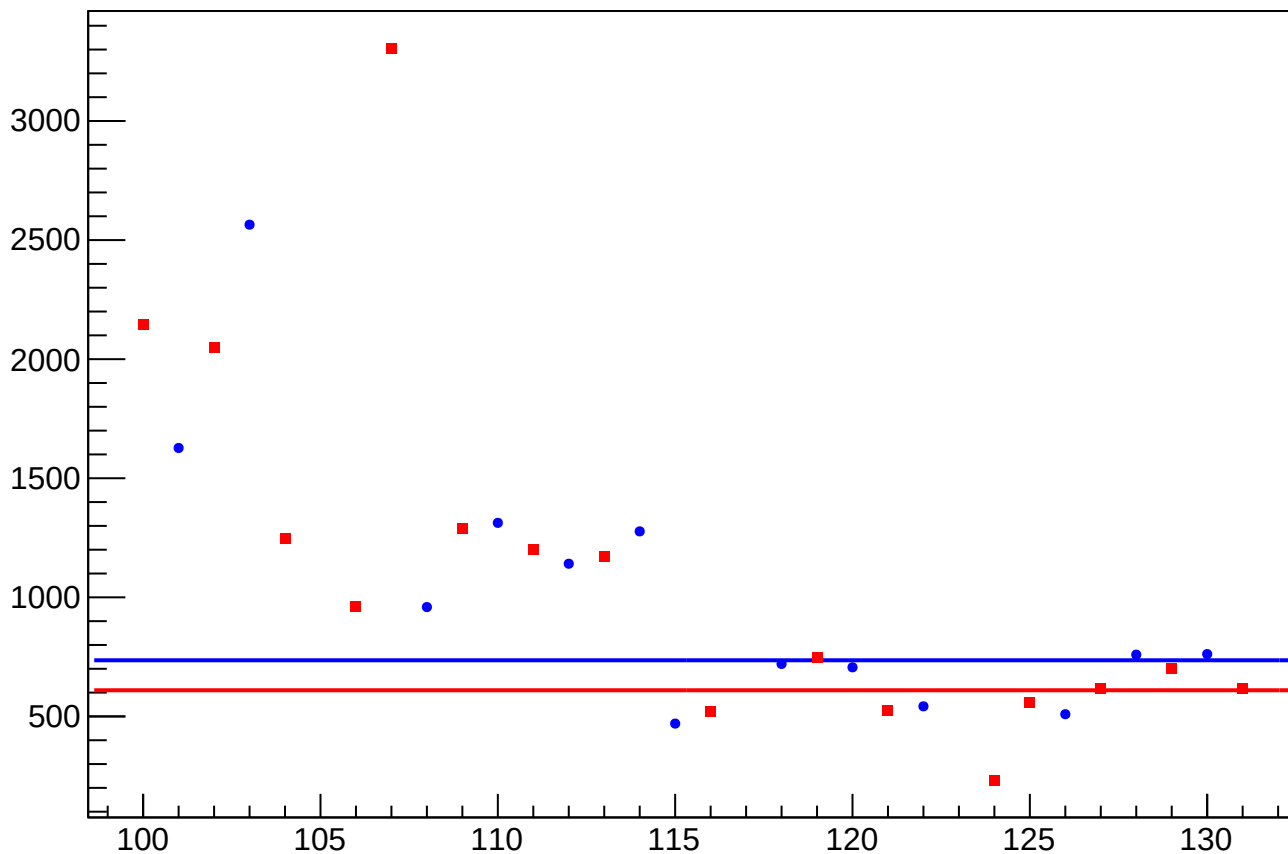
Right: -483.236+/-220.502 χ^2/NDF : 22.3/28

In: -247.973+/-343.345 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.236+/-220.502 χ^2/NDF : 22.3/28

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 735.732 $\pm$ 0.243 χ^2 /NDF: 1647297.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 609.866 $\pm$ 0.203 χ^2 /NDF: 2773640.7/15

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

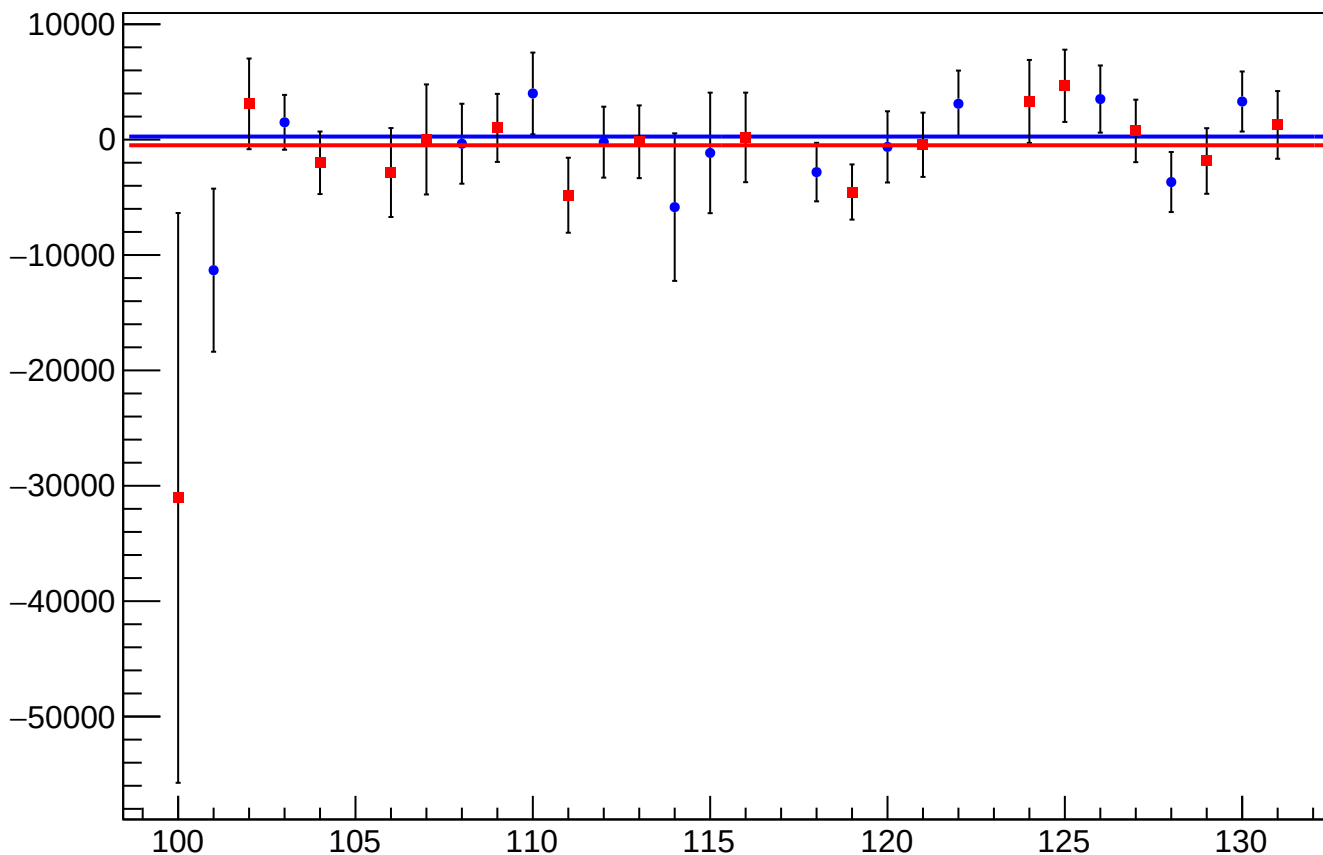
Right: 661.779 $\pm$ 0.156 χ^2 /NDF: 4578858.9/28

In: 735.732 $\pm$ 0.243 χ^2 /NDF:1647297.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 661.779 $\pm$ 0.156 χ^2 /NDF: 4578858.9/28

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 266.862+/-869.746 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.716+/-803.176 χ^2/NDF : 12.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

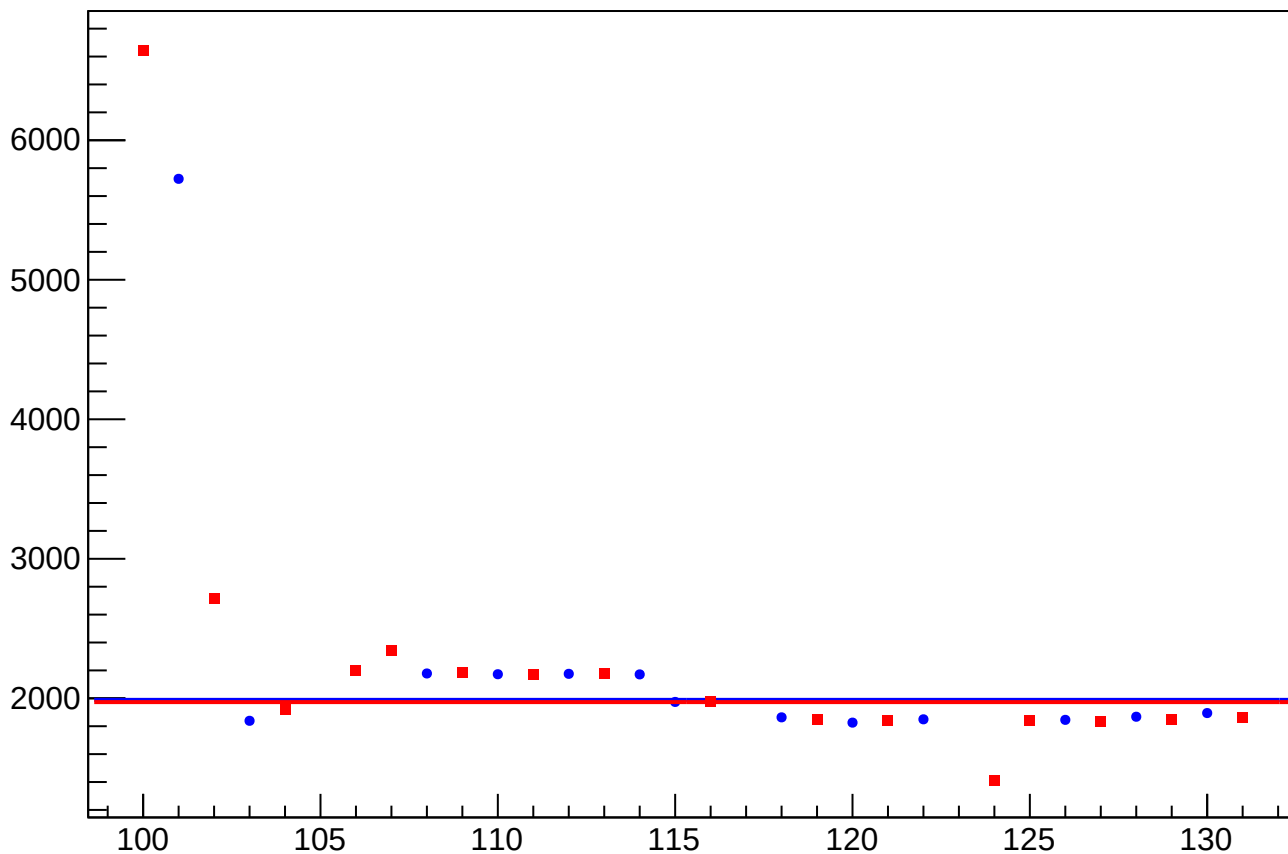
Right: -140.946+/-590.064 χ^2/NDF : 25.6/28

In: 266.862+/-869.746 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.946+/-590.064 χ^2/NDF : 25.6/28

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.852+/-0.568 χ^2/NDF : 262532.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

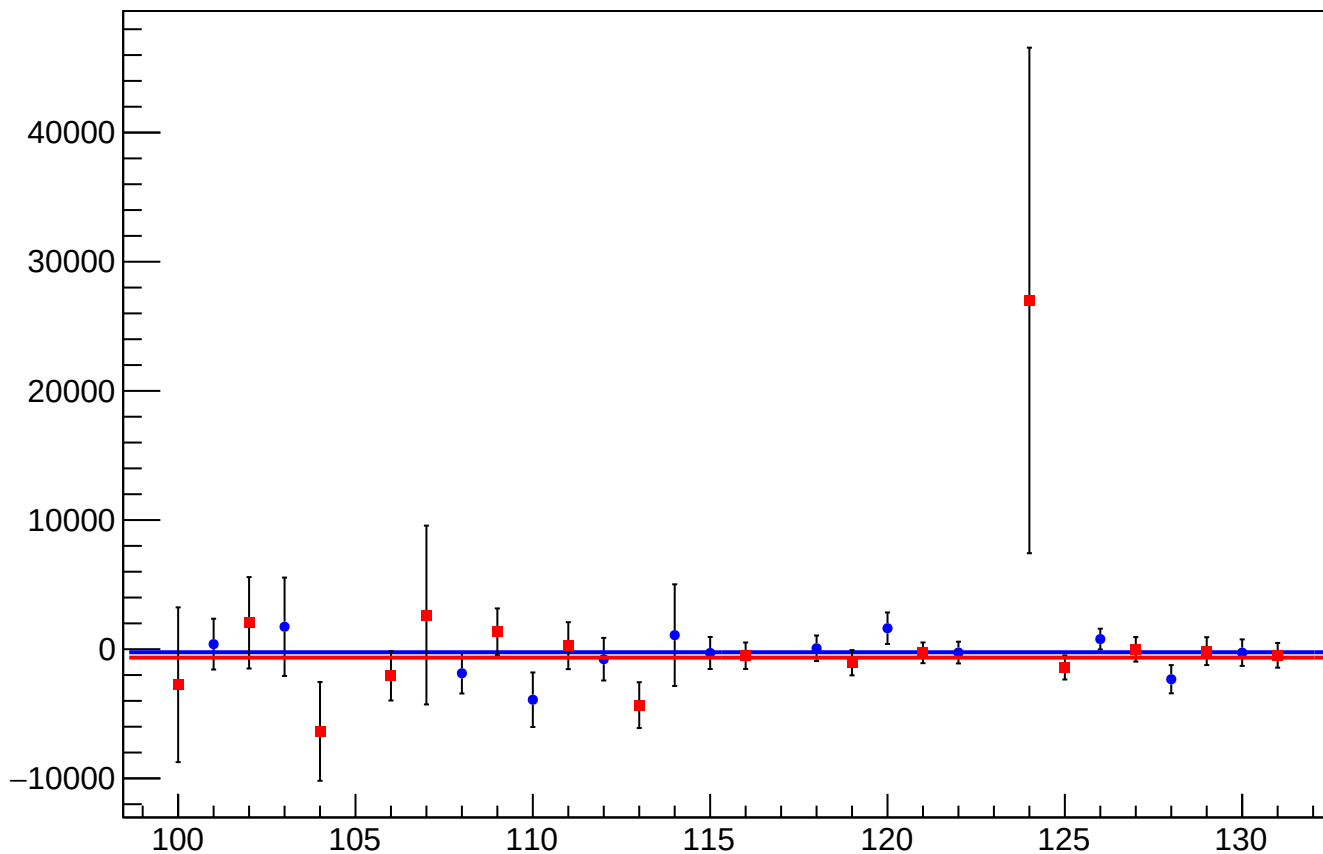
Right: 1980.256+/-0.417 χ^2/NDF : 876587.0/28

In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.256+/-0.417 χ^2/NDF : 876587.0/28

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -235.294+/-343.175 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.719+/-330.119 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

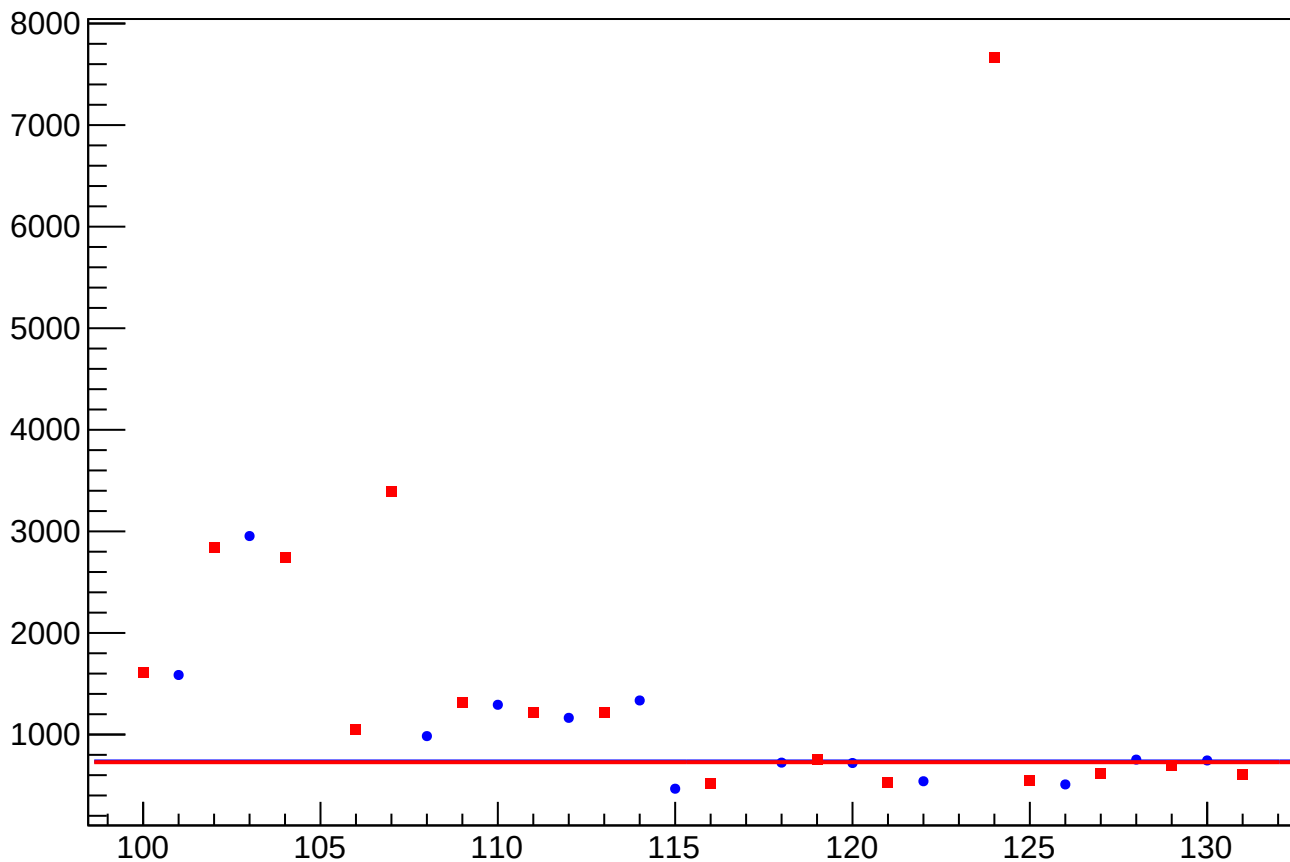
Right: -451.059+/-237.911 χ^2/NDF : 26.4/28

In: -235.294+/-343.175 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.059+/-237.911 χ^2/NDF : 26.4/28

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 734.875+/-0.243 χ^2/NDF : 1787125.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.706+/-0.233 χ^2/NDF : 2779392.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

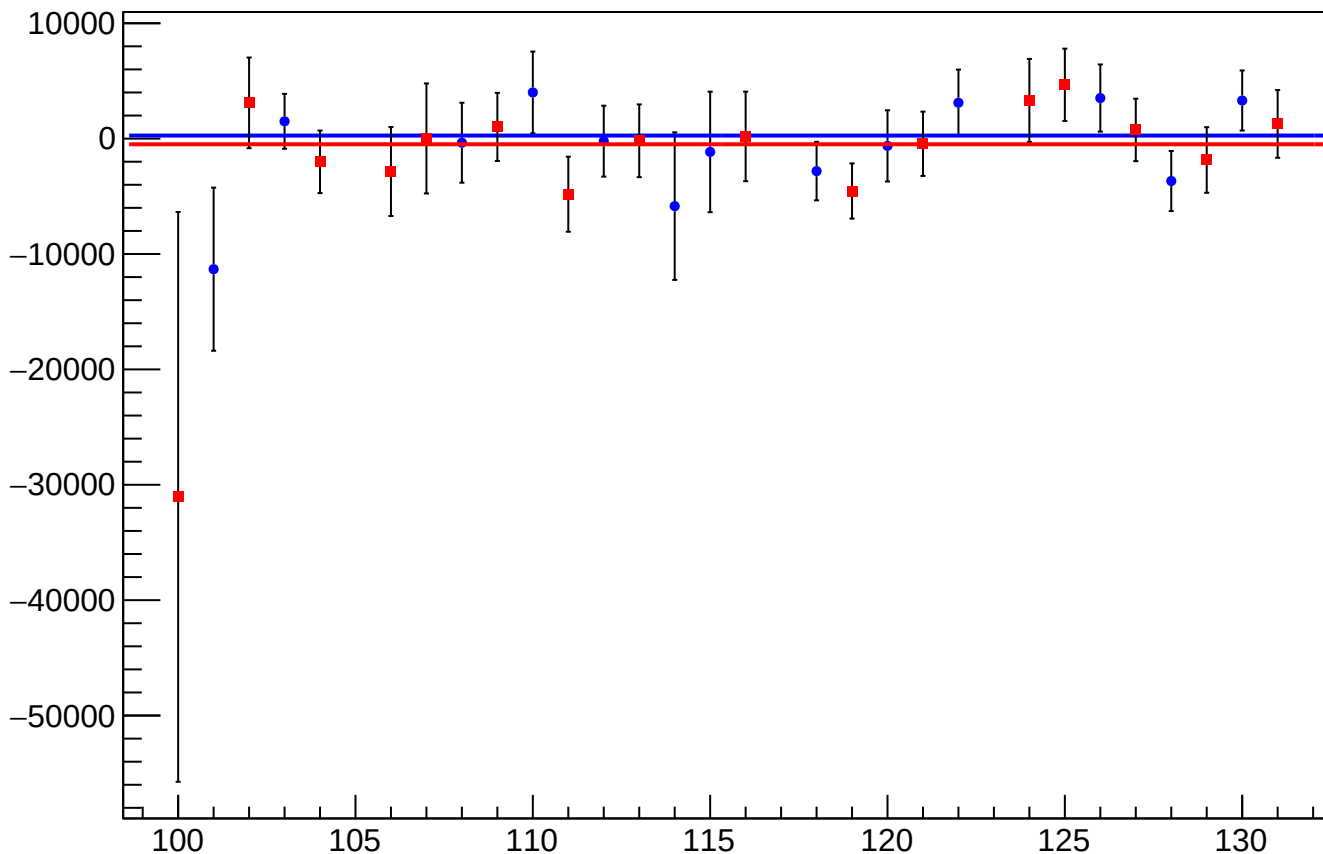
Right: 731.151+/-0.168 χ^2/NDF : 4566972.0/28

In: 734.875+/-0.243 χ^2/NDF : 1787125.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.151+/-0.168 χ^2/NDF : 4566972.0/28

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 266.862+/-869.746 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.717+/-803.176 χ^2/NDF : 12.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

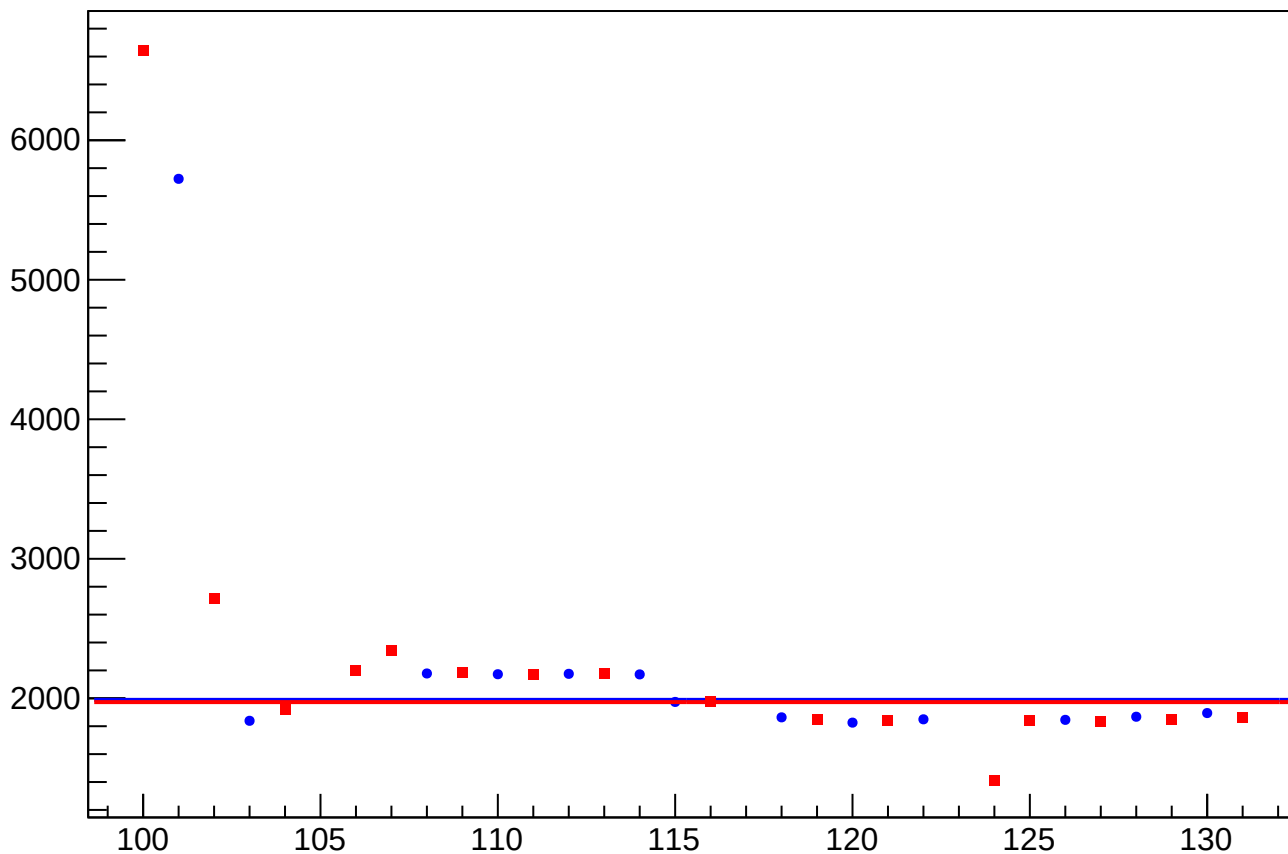
Right: -140.947+/-590.064 χ^2/NDF : 25.6/28

In: 266.862+/-869.746 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.947+/-590.064 χ^2/NDF : 25.6/28

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.852+/-0.568 χ^2/NDF : 262532.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

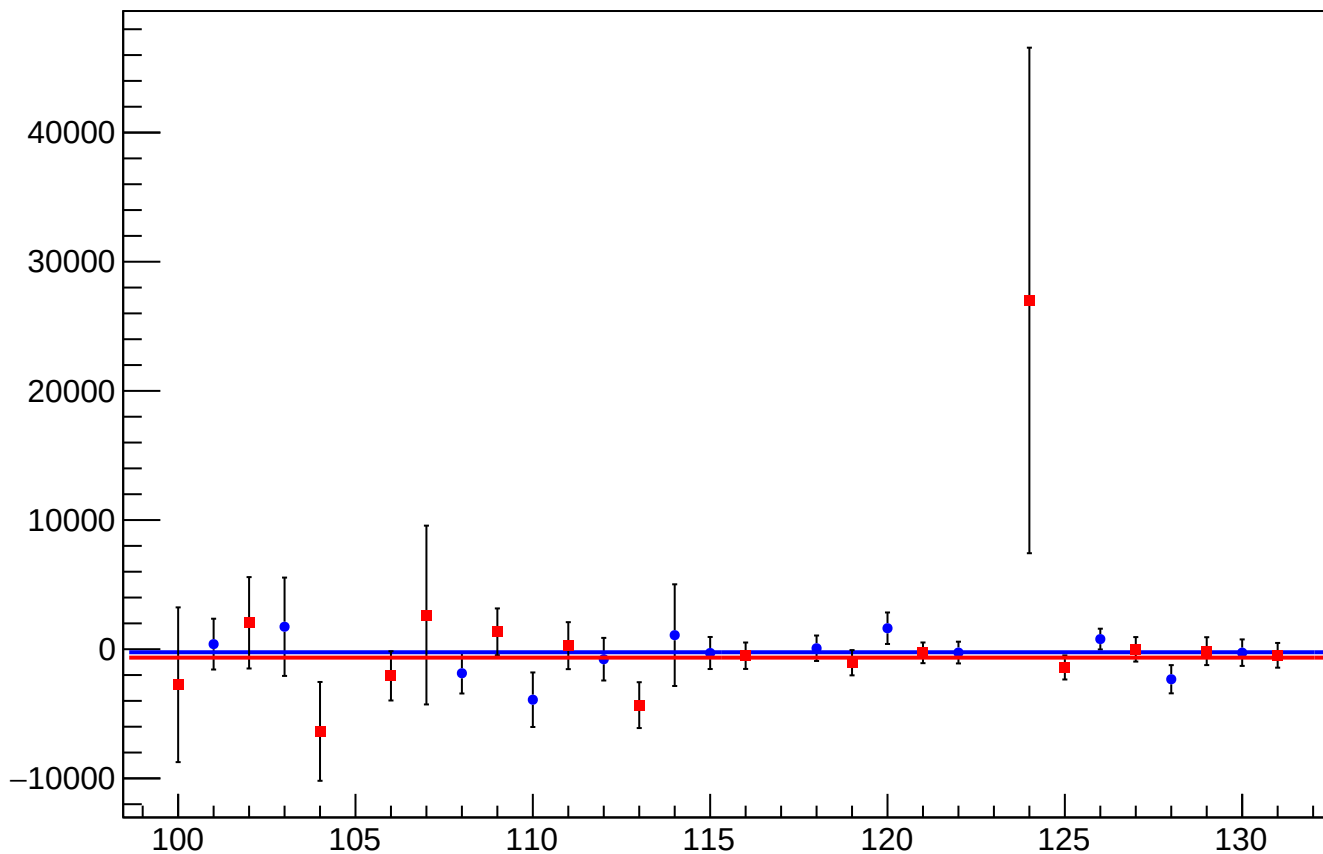
Right: 1980.256+/-0.417 χ^2/NDF : 876586.9/28

In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.256+/-0.417 χ^2/NDF : 876586.9/28

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -235.295+/-343.175 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.719+/-330.119 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

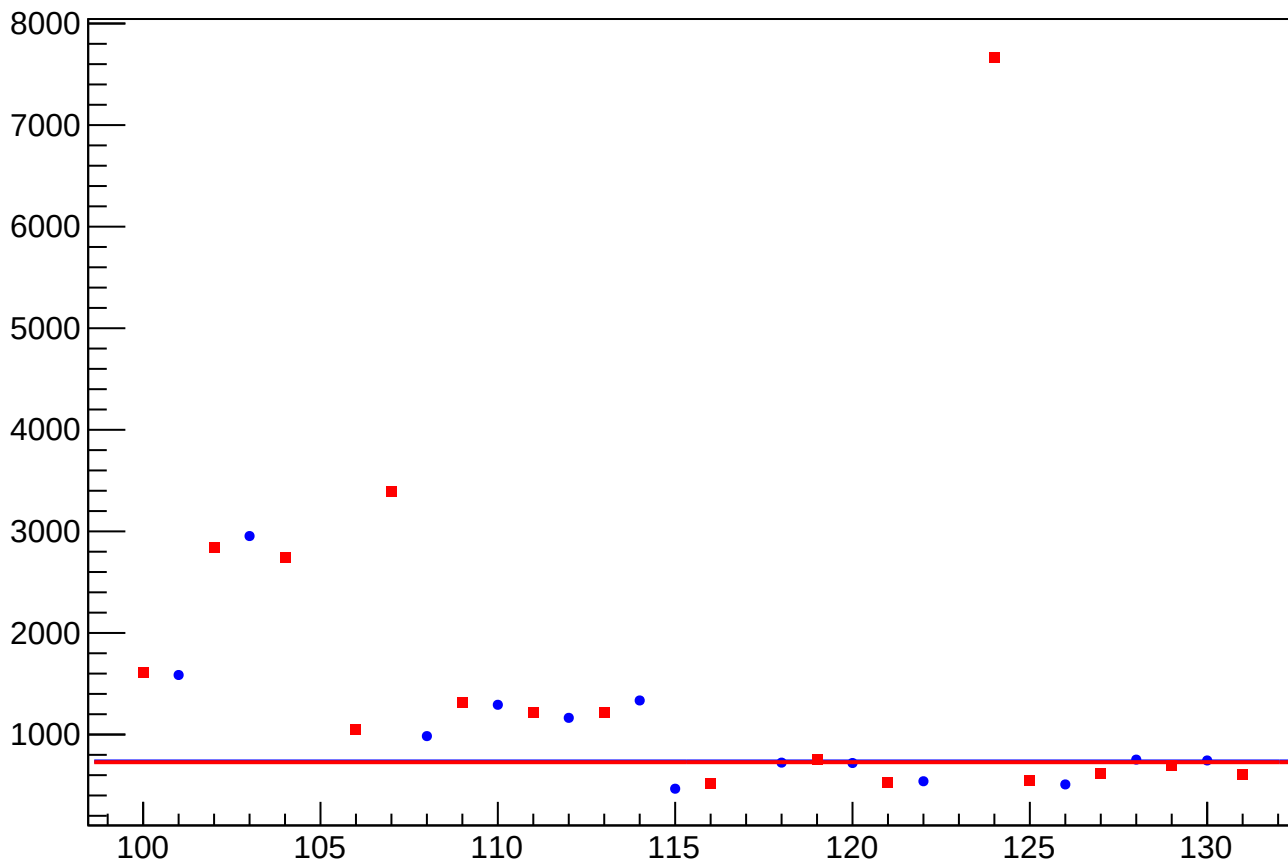
Right: -451.060+/-237.911 χ^2/NDF : 26.4/28

In: -235.295+/-343.175 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.060+/-237.911 χ^2/NDF : 26.4/28

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 734.874+/-0.243 χ^2/NDF : 1787125.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.706+/-0.233 χ^2/NDF : 2779393.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

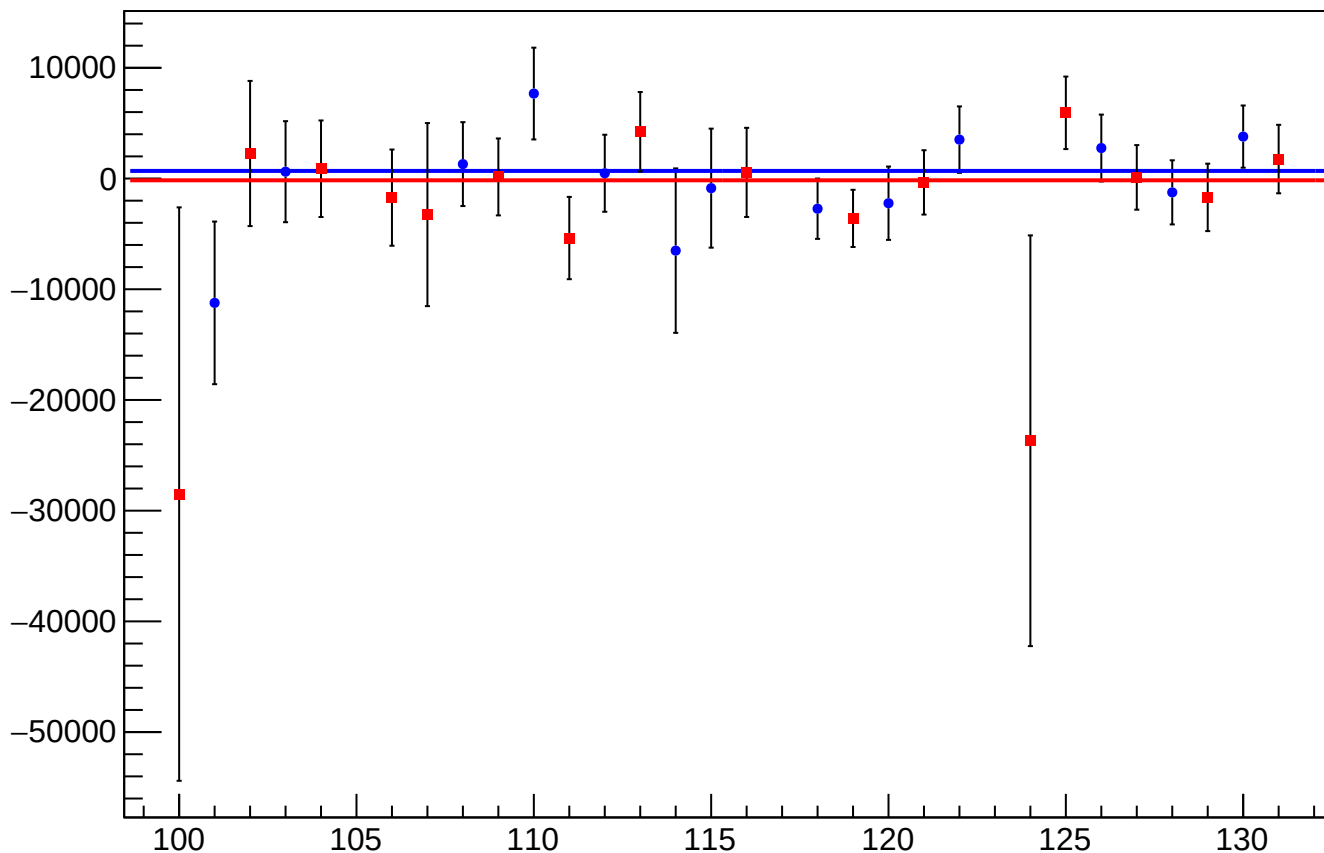
Right: 731.151+/-0.168 χ^2/NDF : 4566971.9/28

In: 734.874+/-0.243 χ^2/NDF : 1787125.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.151+/-0.168 χ^2/NDF : 4566971.9/28

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 687.554+/-989.081 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.734+/-939.101 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

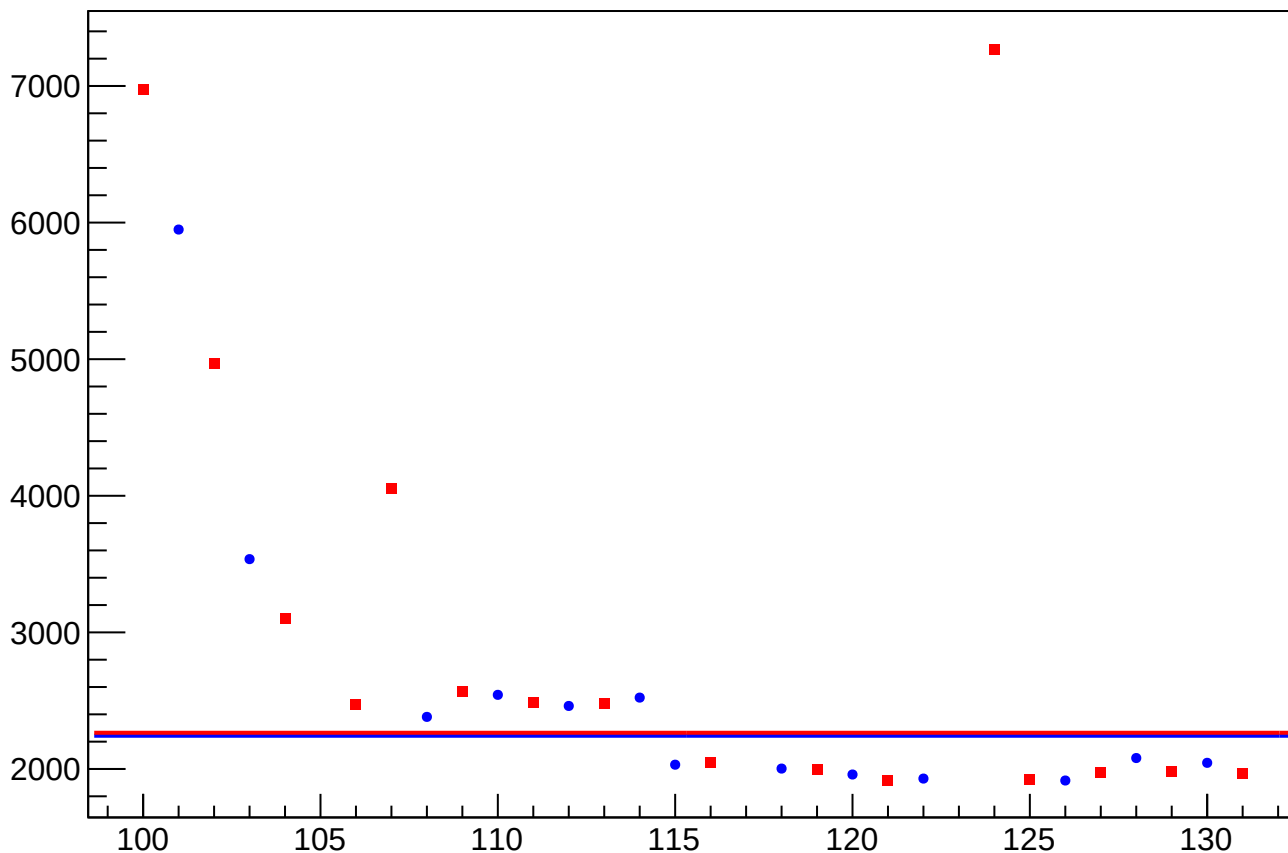
Right: 241.963+/-681.028 χ^2/NDF : 24.9/28

In: 687.554+/-989.081 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.963+/-681.028 χ^2/NDF : 24.9/28

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2243.311+/-0.699 χ^2/NDF : 788403.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2265.221+/-0.664 χ^2/NDF : 886810.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

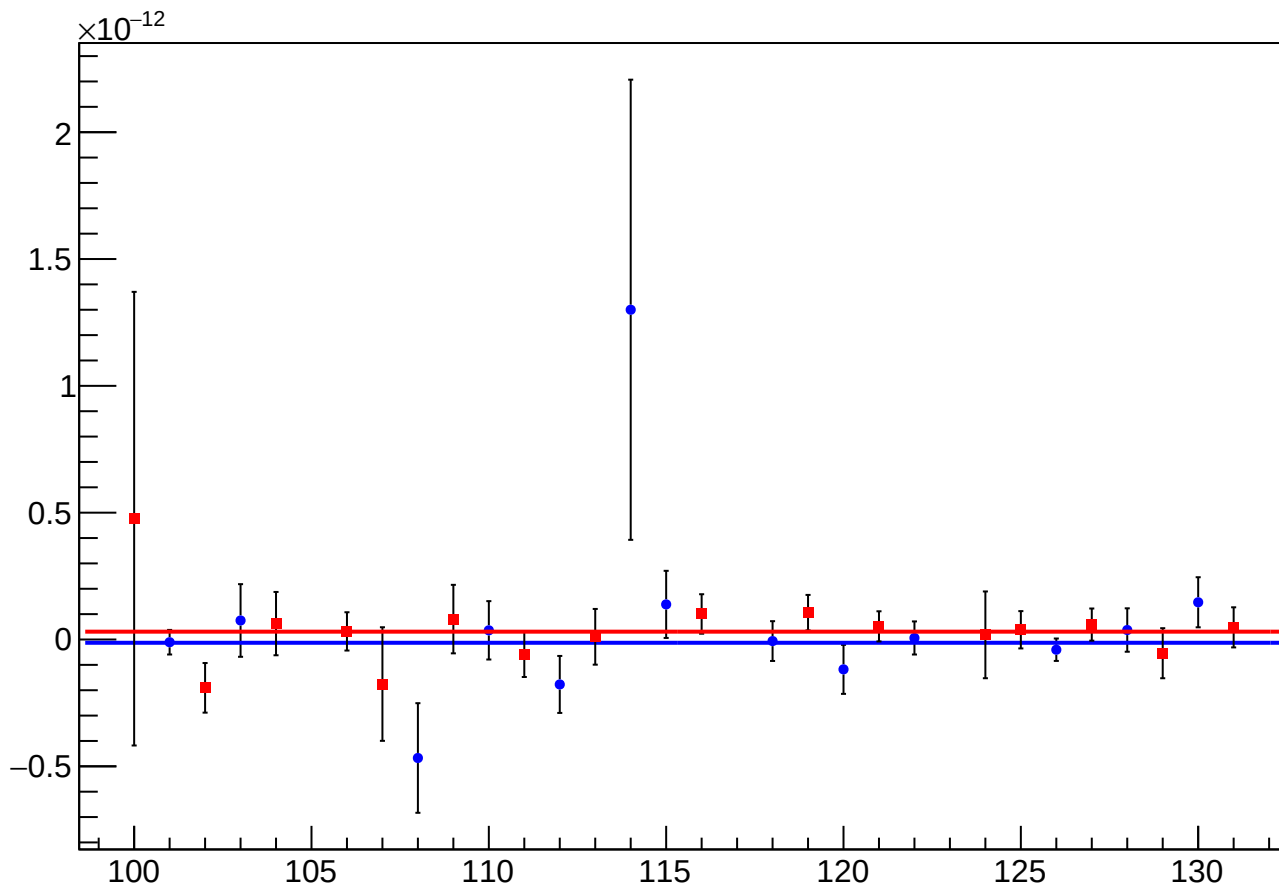
Right: 2254.834+/-0.482 χ^2/NDF : 1675730.1/28

In: 2243.311+/-0.699 χ^2/NDF : 788403.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.834+/-0.482 χ^2/NDF : 1675730.1/28

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

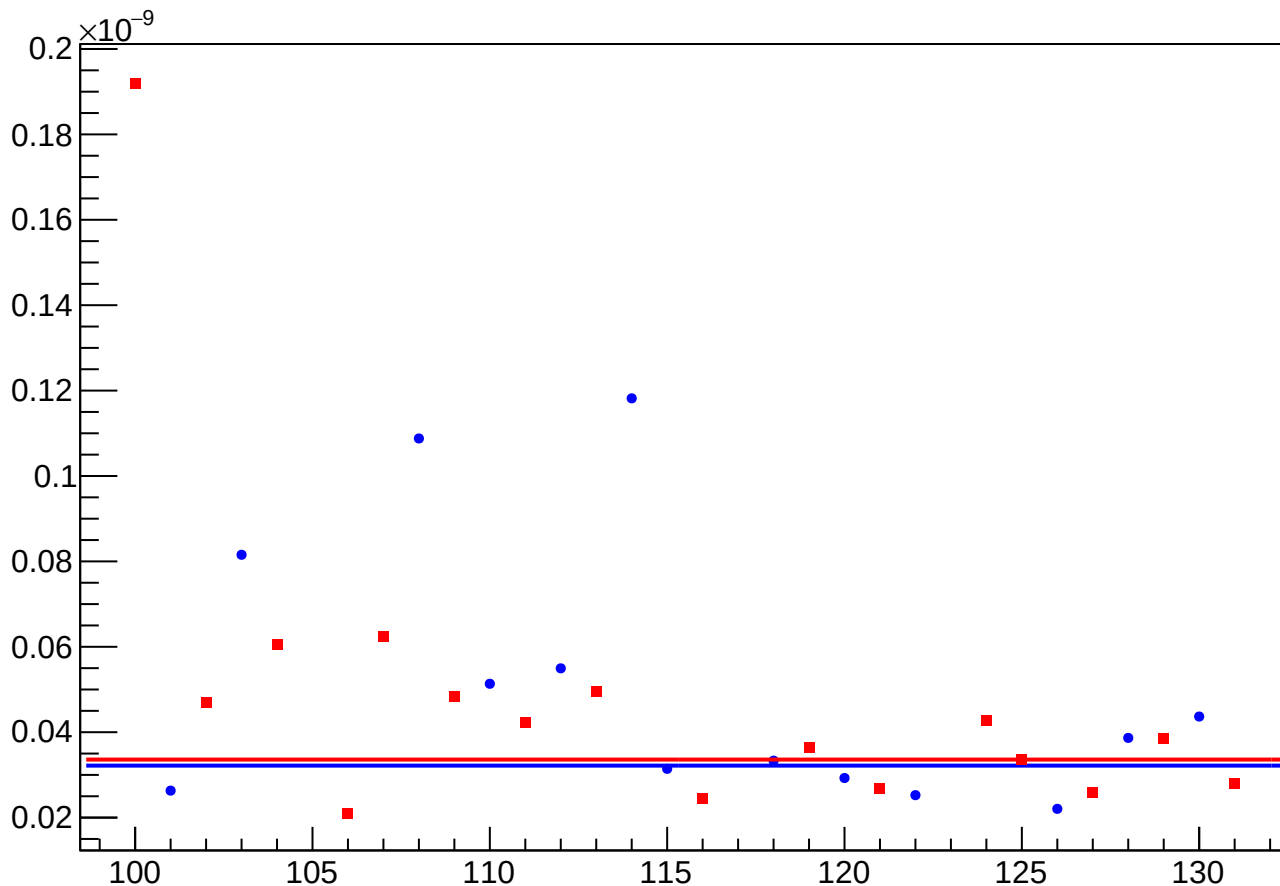
Right: 0.000+/-0.000 χ^2 /NDF: 27.6/28

In: -0.000+/-0.000 χ^2 /NDF:15.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 27.6/28

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 842520.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 476774.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

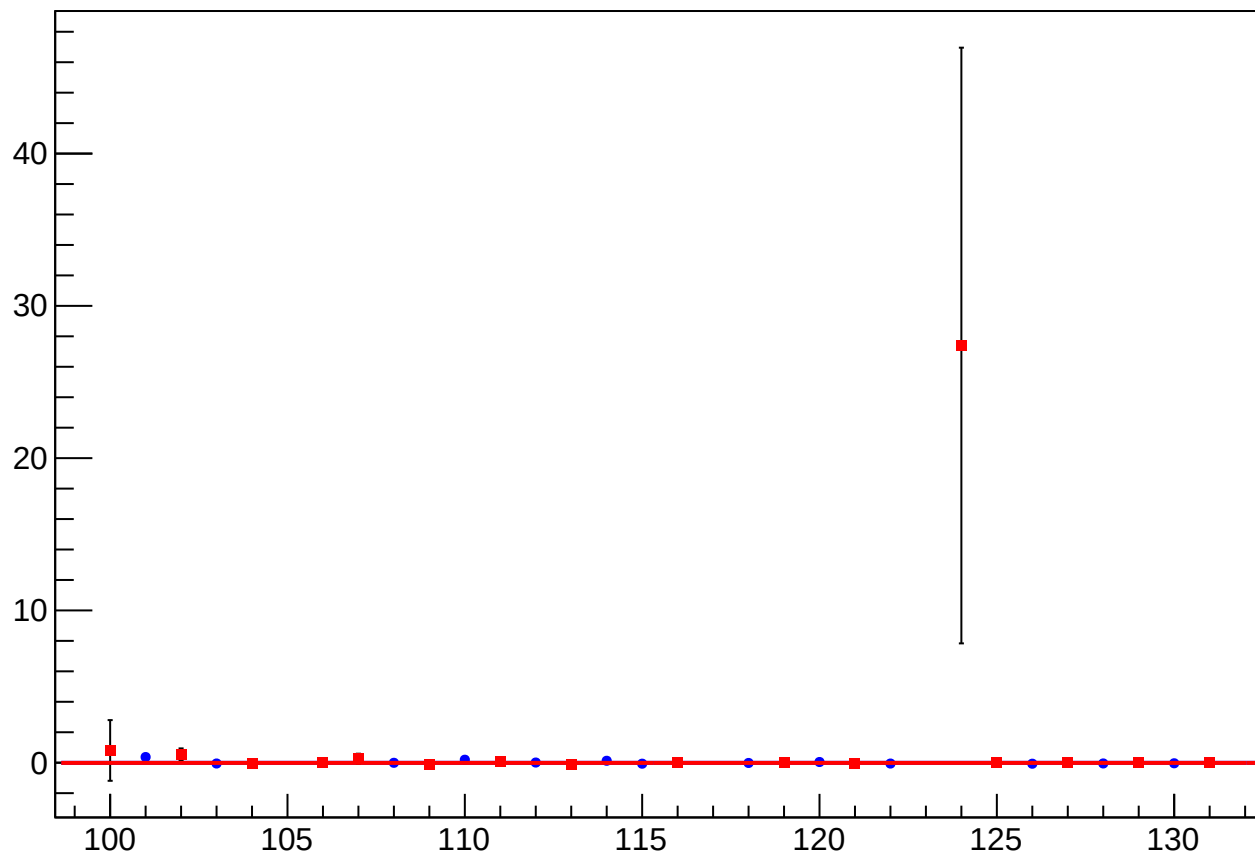
Right: 0.000+/-0.000 χ^2/NDF : 1323281.1/28

In: 0.000+/-0.000 χ^2/NDF : 842520.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1323281.1/28

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.018 χ^2/NDF : 17.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.017 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

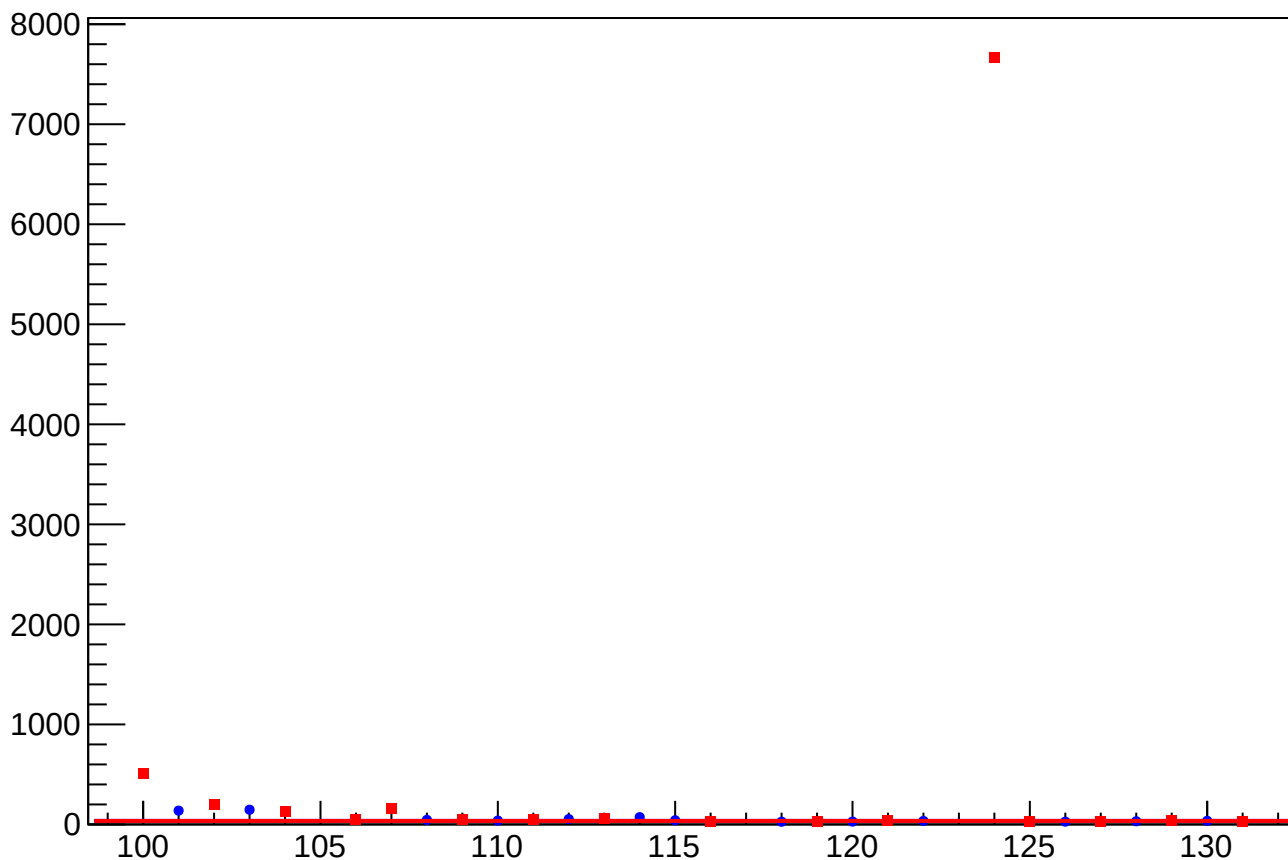
Right: -0.011 ± 0.012 χ^2/NDF : 29.0/28

In: -0.008 ± 0.018 χ^2/NDF : 17.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.012 χ^2/NDF : 29.0/28

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.012 χ^2/NDF : 1953348.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

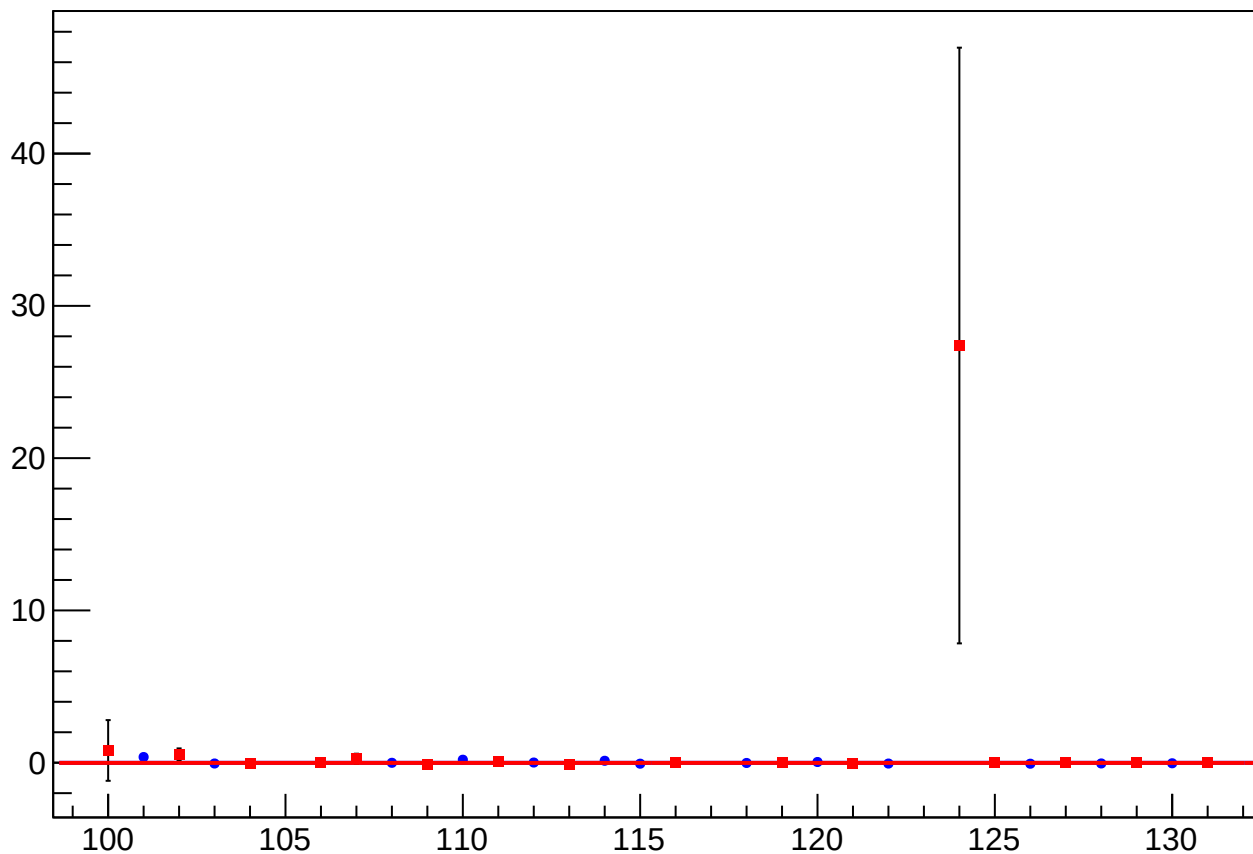
Right: 35.373+/-0.009 χ^2/NDF : 3603549.0/28

In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.373+/-0.009 χ^2/NDF : 3603549.0/28

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.017 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

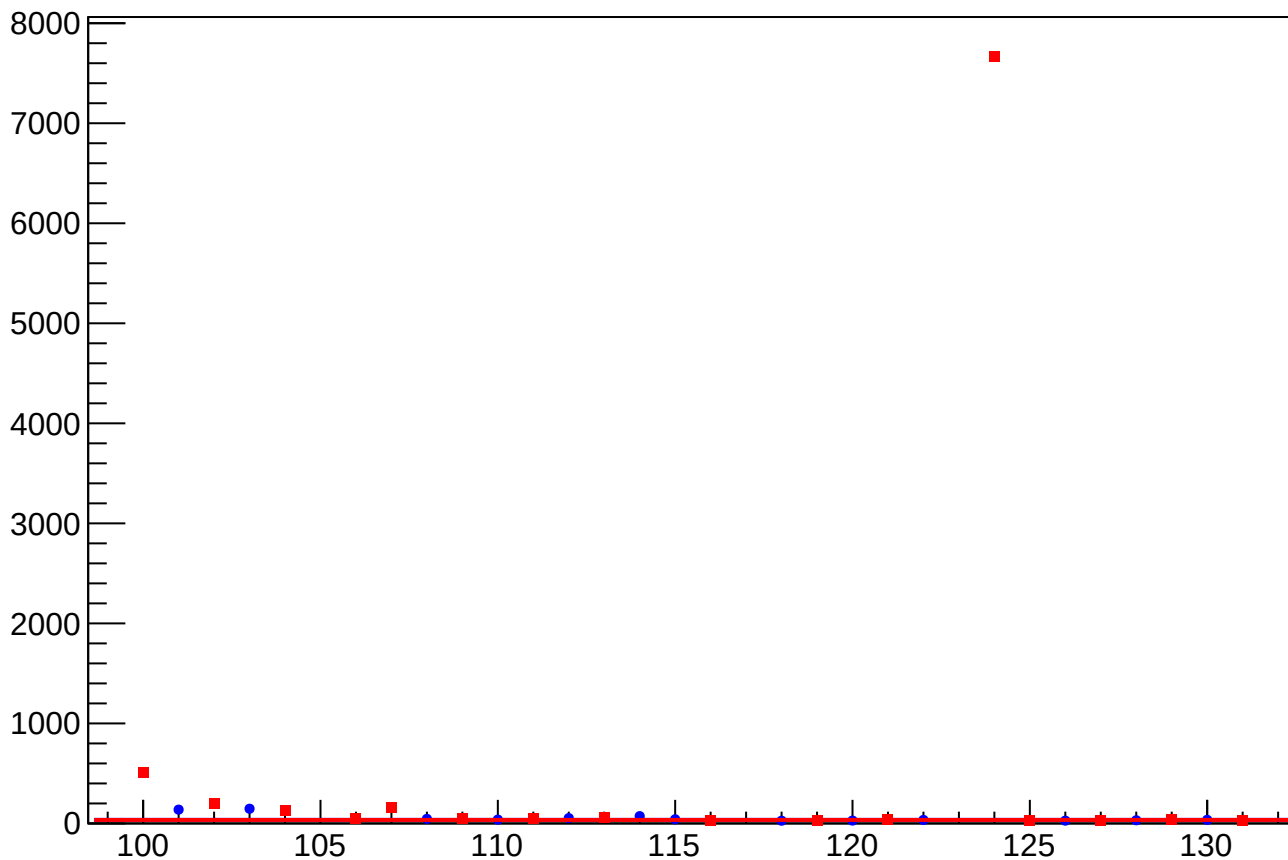
Right: -0.011+/-0.012 χ^2/NDF : 29.0/28

In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.012 χ^2/NDF : 29.0/28

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.012 χ^2/NDF : 1953348.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

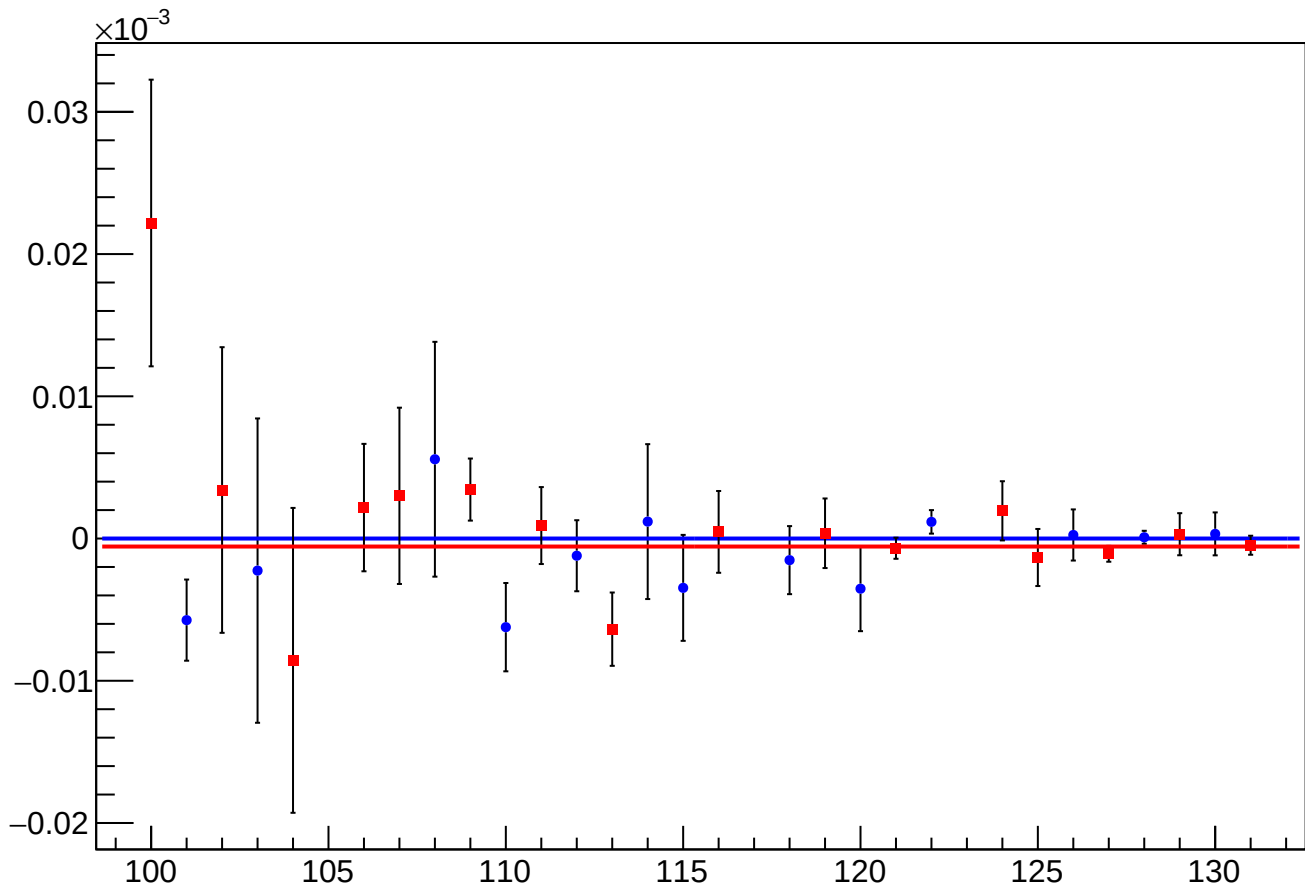
Right: 35.373+/-0.009 χ^2/NDF : 3603549.0/28

In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.373+/-0.009 χ^2/NDF : 3603549.0/28

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

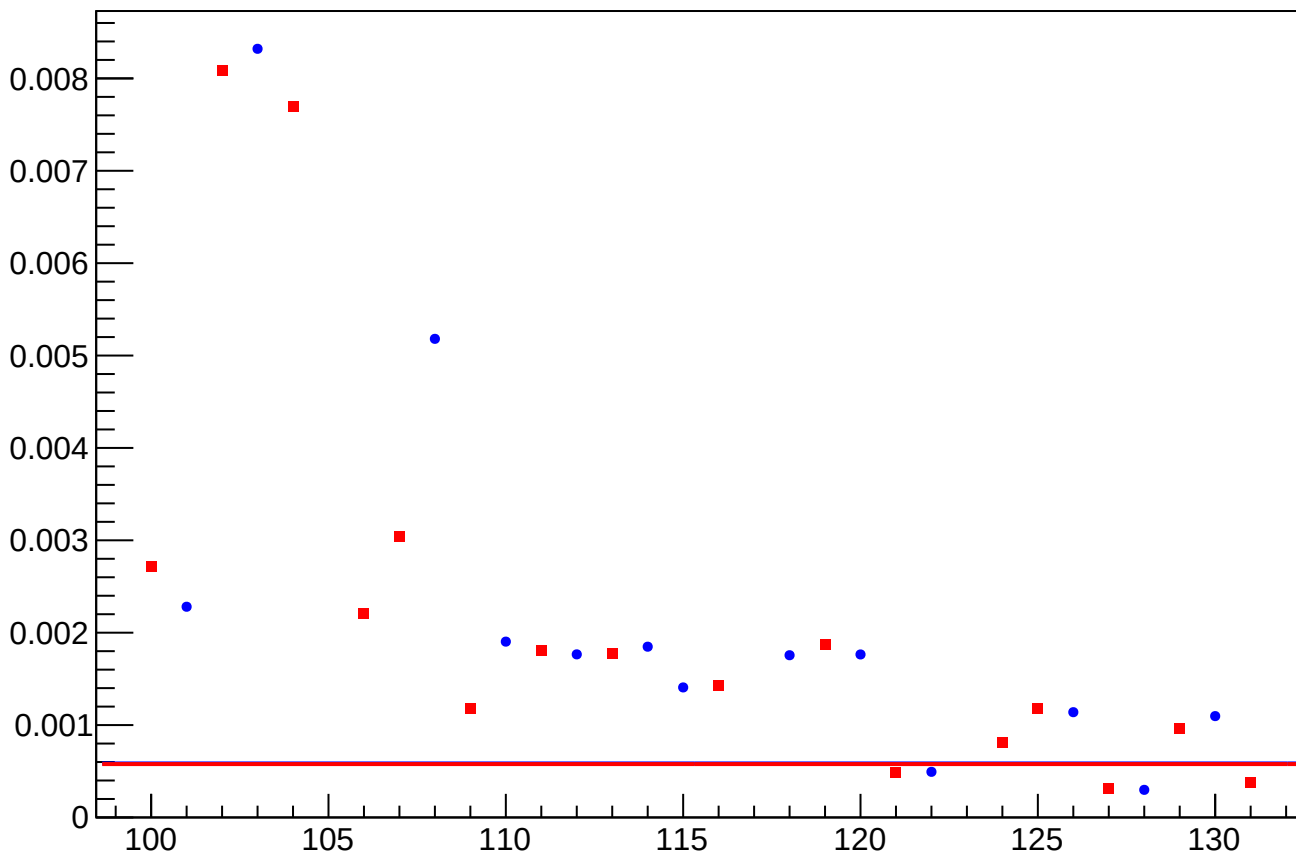
Right: -0.000+/-0.000 χ^2/NDF : 33.3/28

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/28

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5407709.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5413428.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

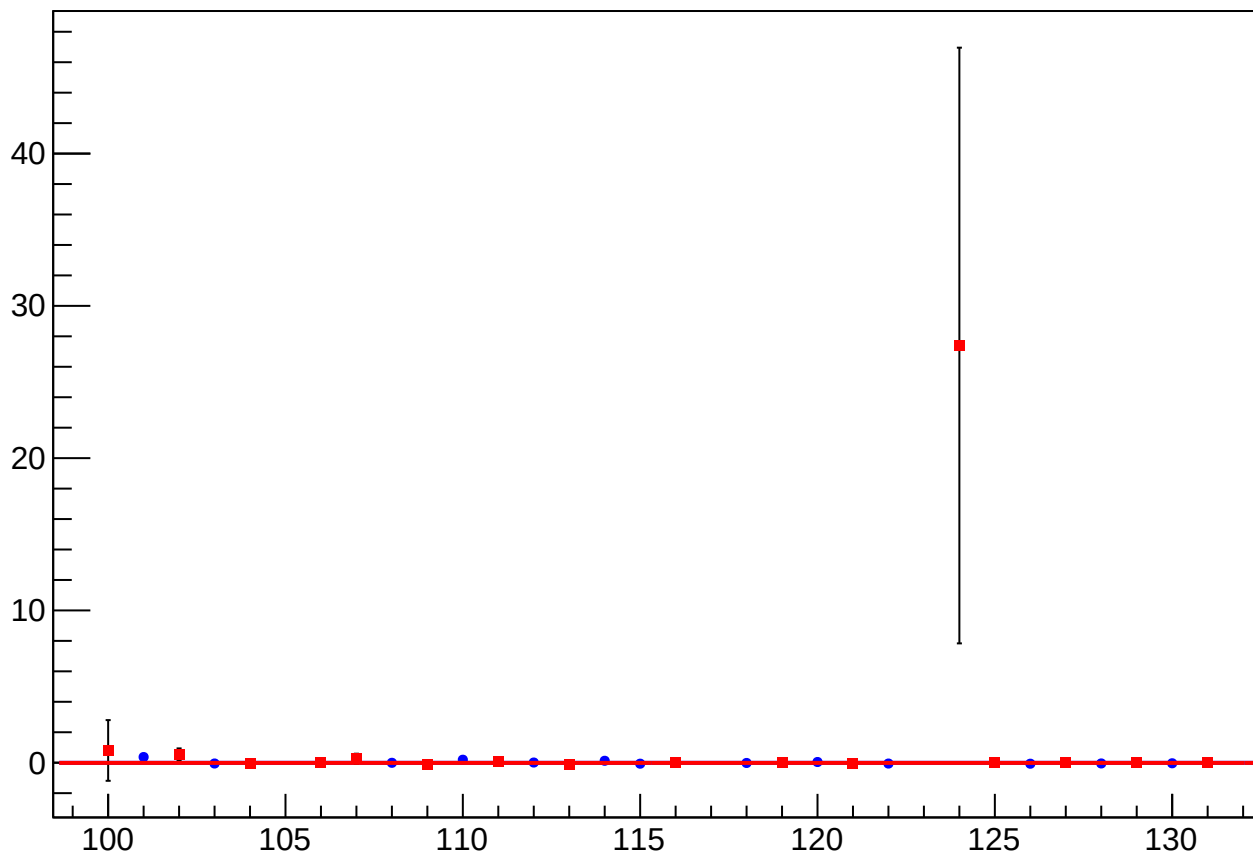
Right: 0.001+/-0.000 χ^2/NDF : 10821527.4/28

In: 0.001+/-0.000 χ^2/NDF :5407709.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10821527.4/28

asym_at1_dd_eigen_dit_vs_slug, Sign Corrected



Right In: -0.008 $\pm$ 0.018 χ^2 /NDF: 17.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

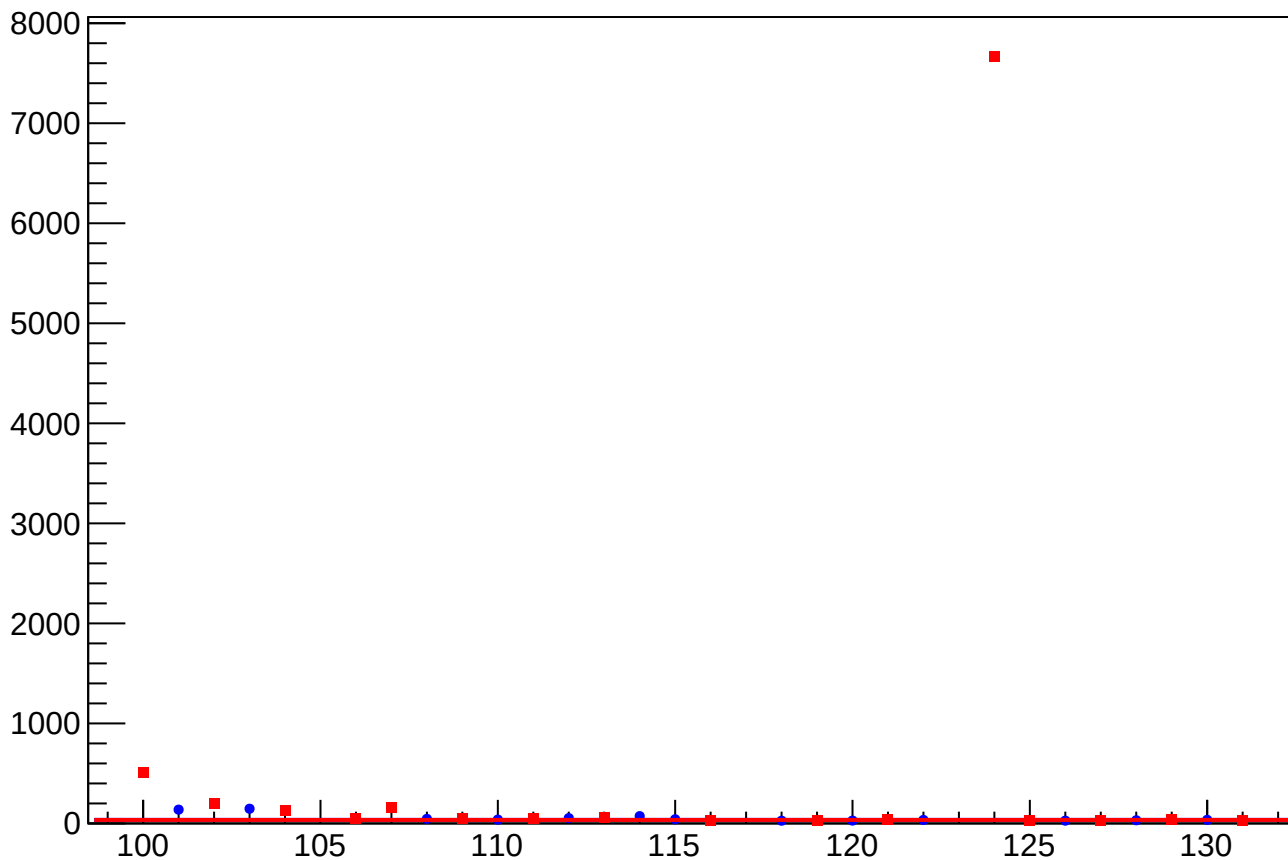
Right: -0.011 $\pm$ 0.012 χ^2 /NDF: 29.0/28

In: -0.008 $\pm$ 0.018 χ^2 /NDF:17.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.012 χ^2 /NDF: 29.0/28

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.136+/-0.012 χ^2/NDF : 1953338.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

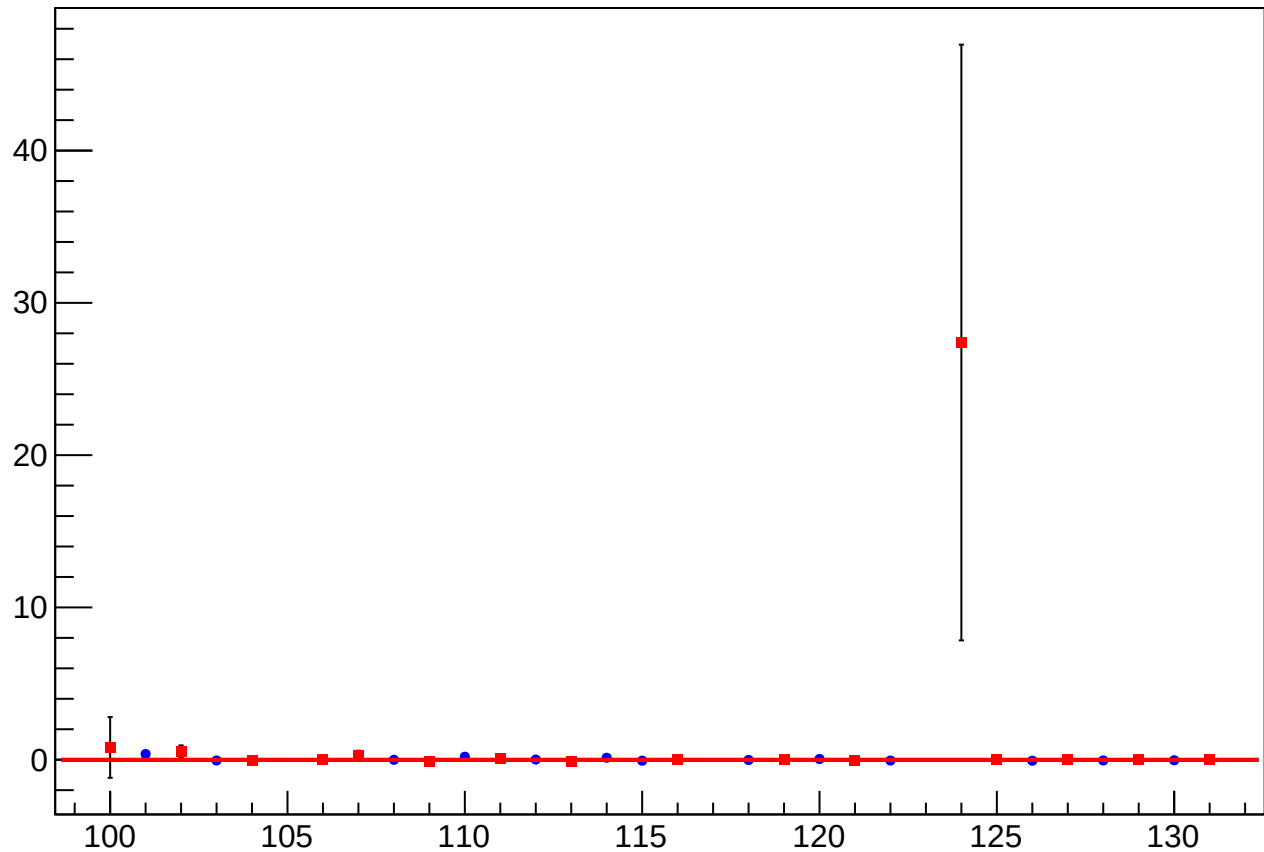
Right: 35.373+/-0.009 χ^2/NDF : 3603516.2/28

In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.373+/-0.009 χ^2/NDF : 3603516.2/28

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.017 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

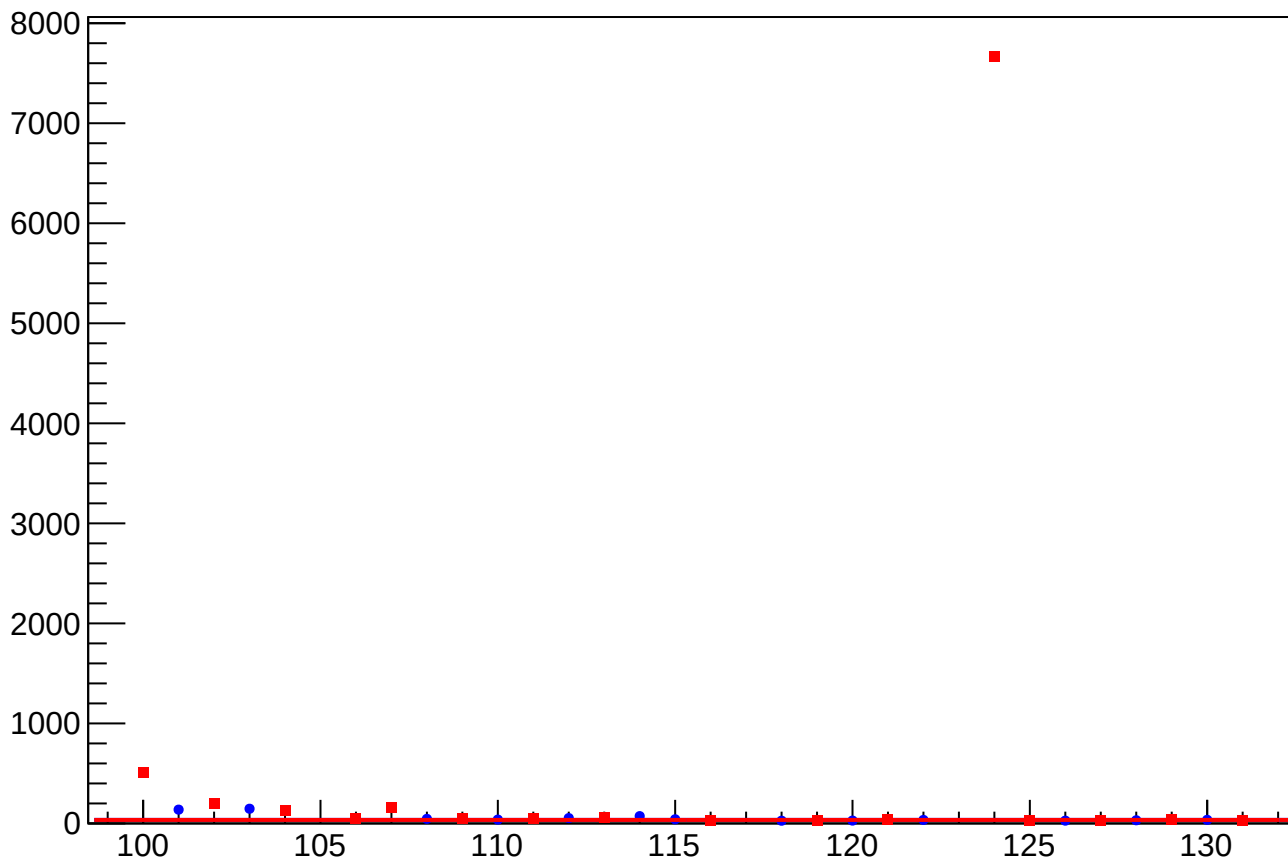
Right: -0.011+/-0.012 χ^2/NDF : 29.0/28

In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.012 χ^2/NDF : 29.0/28

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.136+/-0.012 χ^2/NDF : 1953338.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

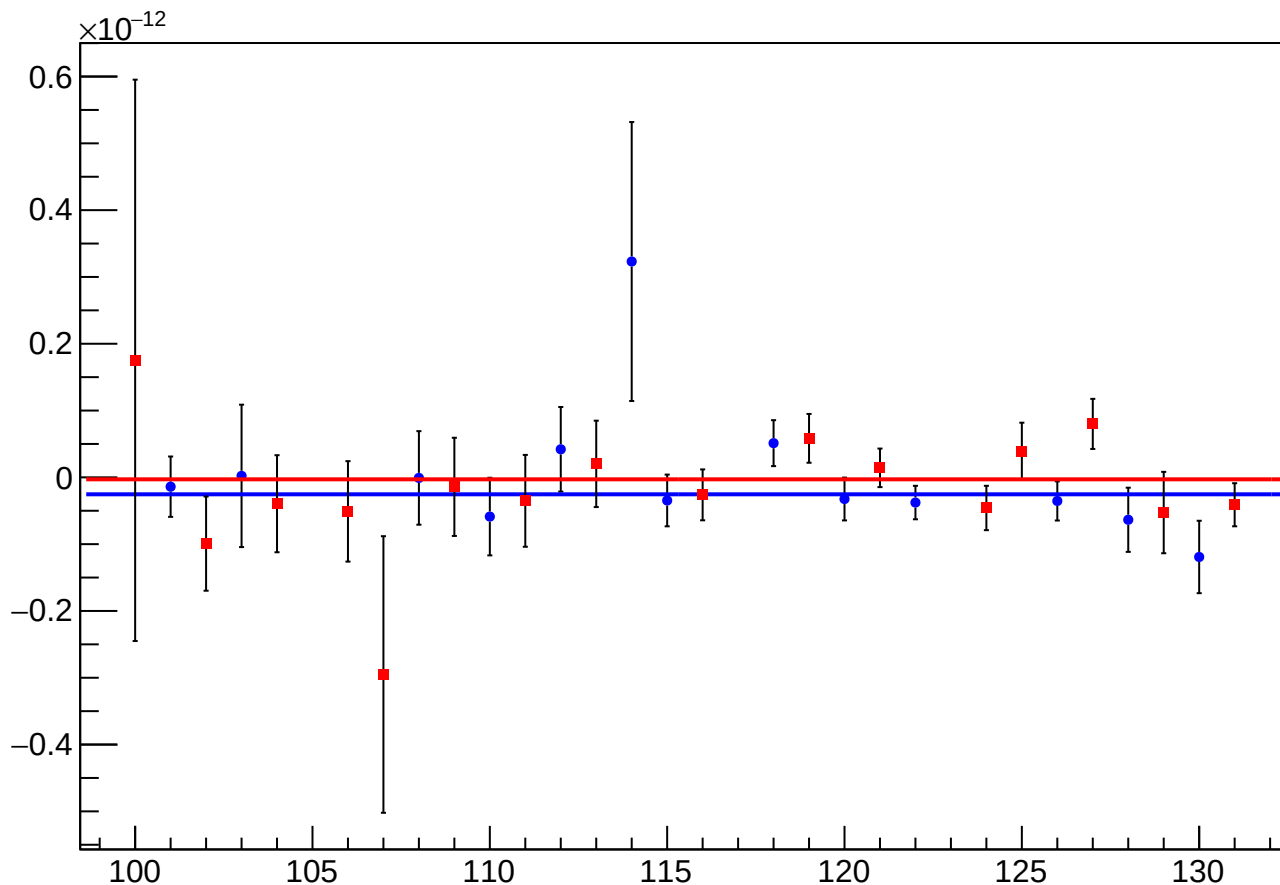
Right: 35.373+/-0.009 χ^2/NDF : 3603516.2/28

In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.373+/-0.009 χ^2/NDF : 3603516.2/28

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 18.2/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

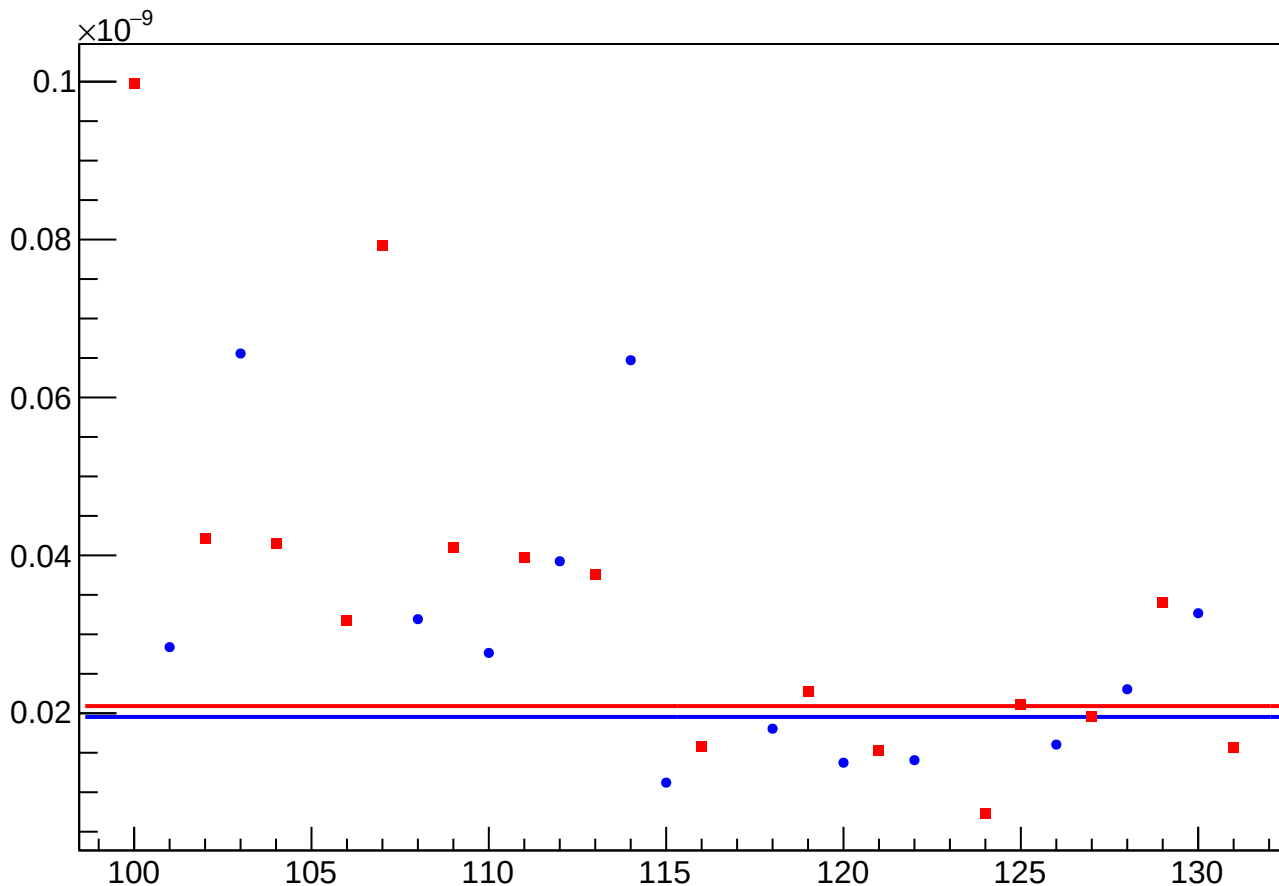
Right: -0.000+/-0.000 χ^2 /NDF: 33.6/28

In: -0.000+/-0.000 χ^2 /NDF:13.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.6/28

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1252432.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1645852.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

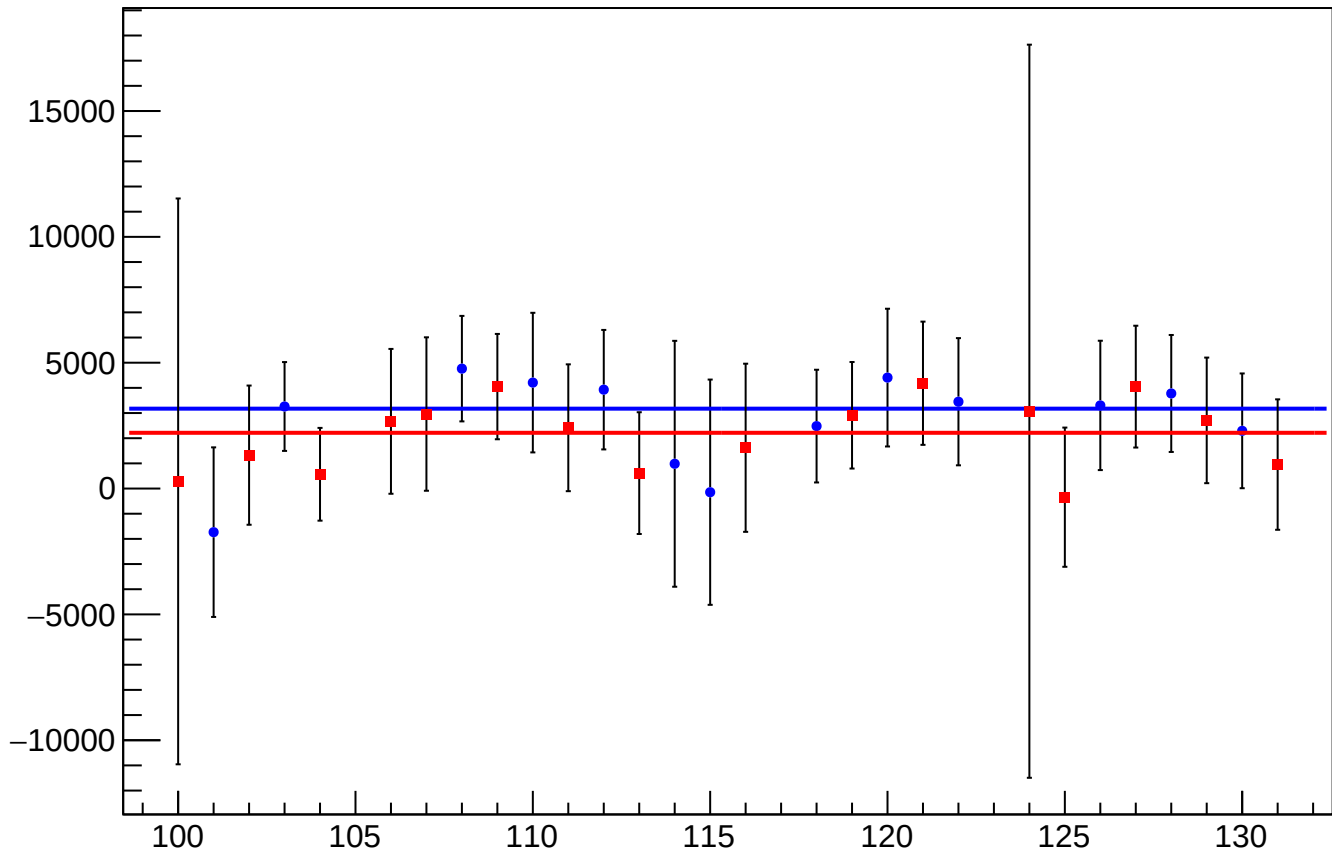
Right: 0.000+/-0.000 χ^2/NDF : 2912108.9/28

In: 0.000+/-0.000 χ^2/NDF : 1252432.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2912108.9/28

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3174.001 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2215.039 $\pm$ 657.389 χ^2 /NDF: 4.7/15

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

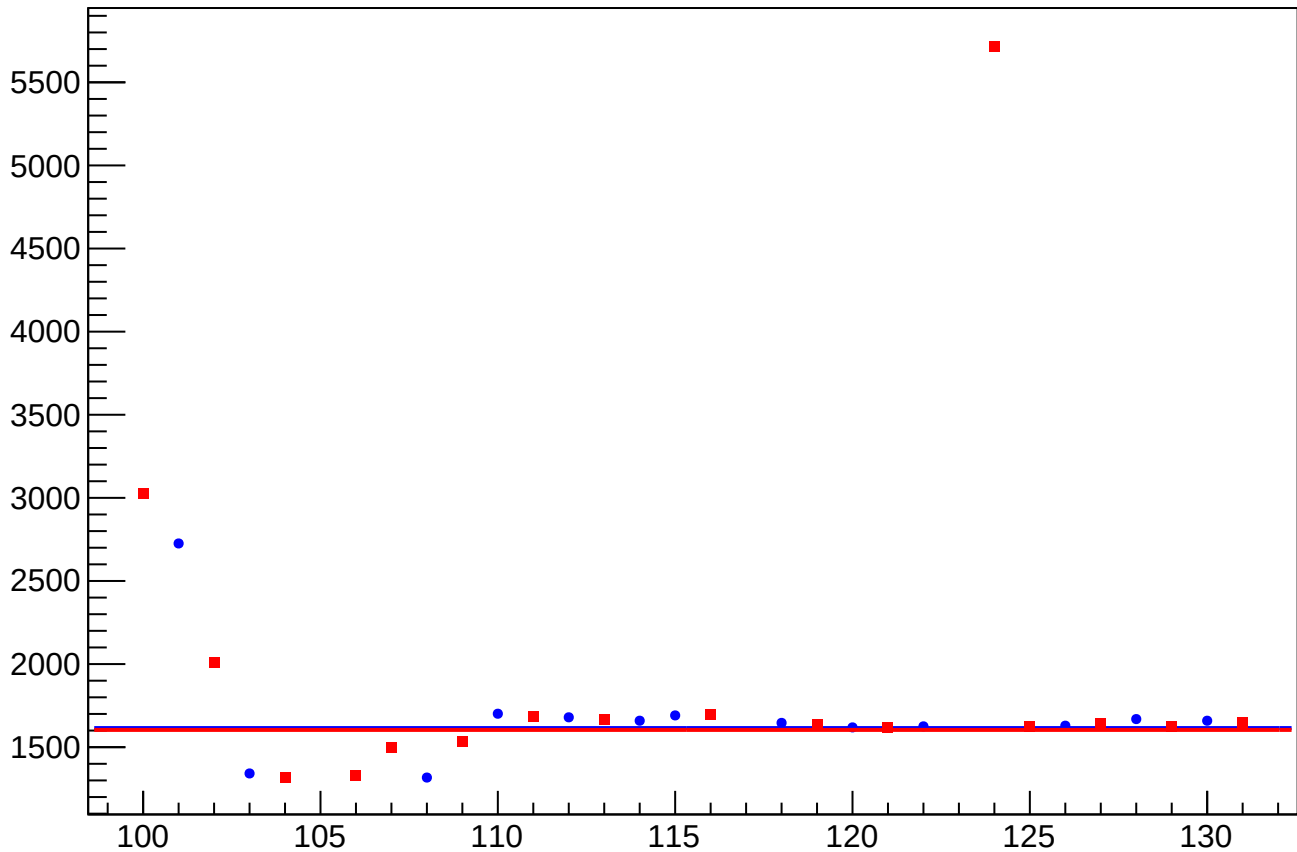
Right: 2666.082 $\pm$ 478.431 χ^2 /NDF: 10.0/28

In: 3174.001 $\pm$ 697.608 χ^2 /NDF:4.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2666.082 $\pm$ 478.431 χ^2 /NDF: 10.0/28

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

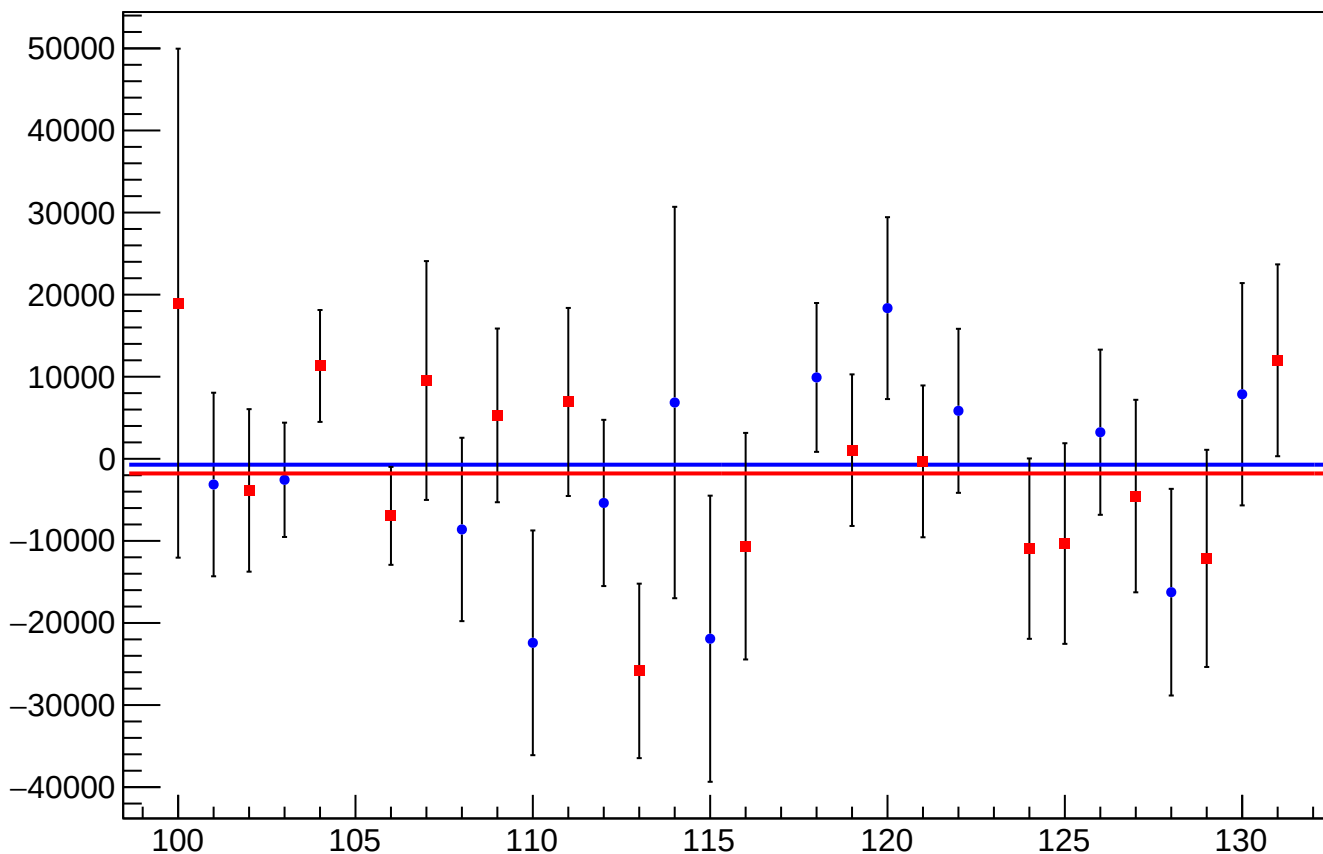
Right: 1609.101+/-0.338 χ^2/NDF : 623778.1/28

In: 1614.919+/-0.493 χ^2/NDF : 312084.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.101+/-0.338 χ^2/NDF : 623778.1/28

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -717.283+/-3032.562 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1784.852+/-2540.363 χ^2/NDF : 15.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

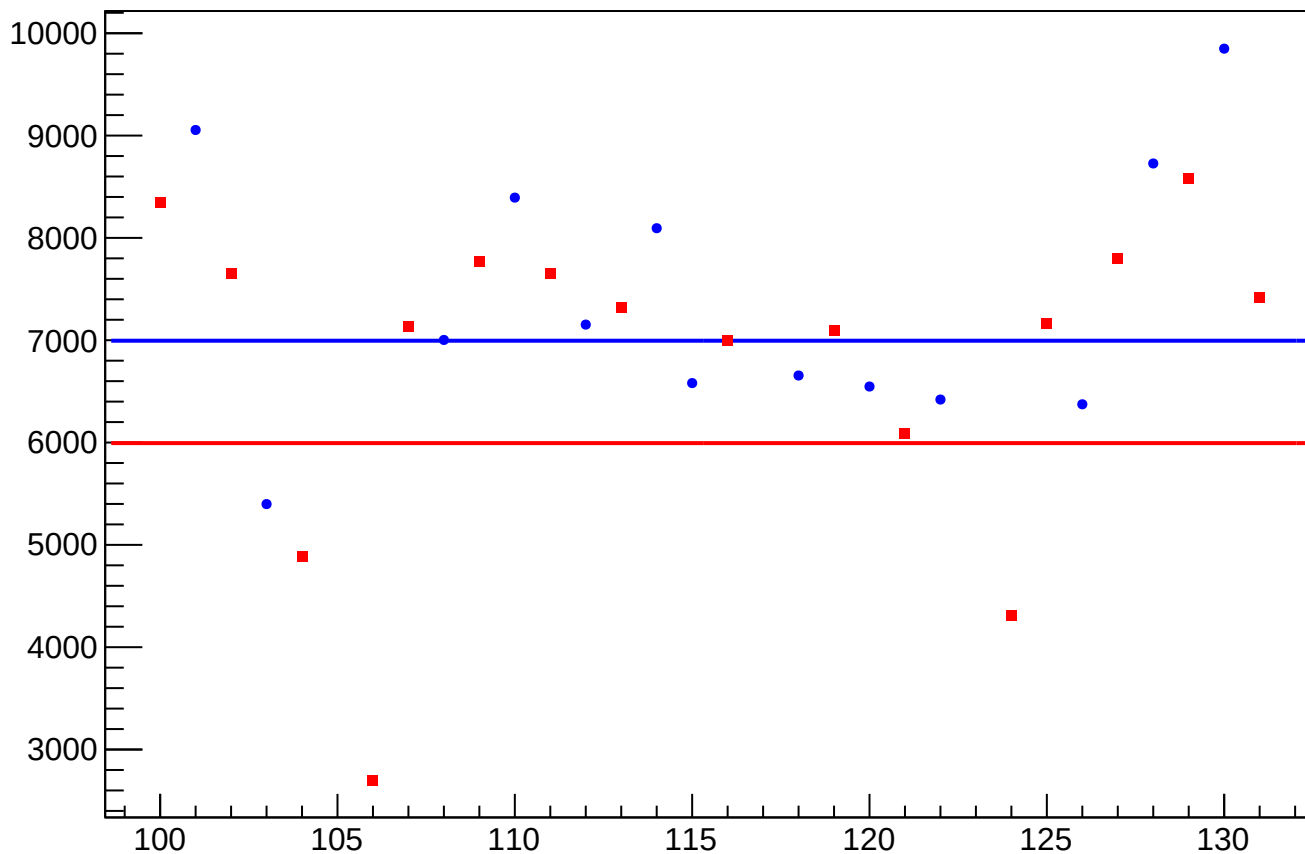
Right: -1344.625+/-1947.377 χ^2/NDF : 27.3/28

In: -717.283+/-3032.562 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1344.625+/-1947.377 χ^2/NDF : 27.3/28

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6995.110+/-2.144 χ^2/NDF : 346739.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5994.496+/-1.796 χ^2/NDF : 1131249.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

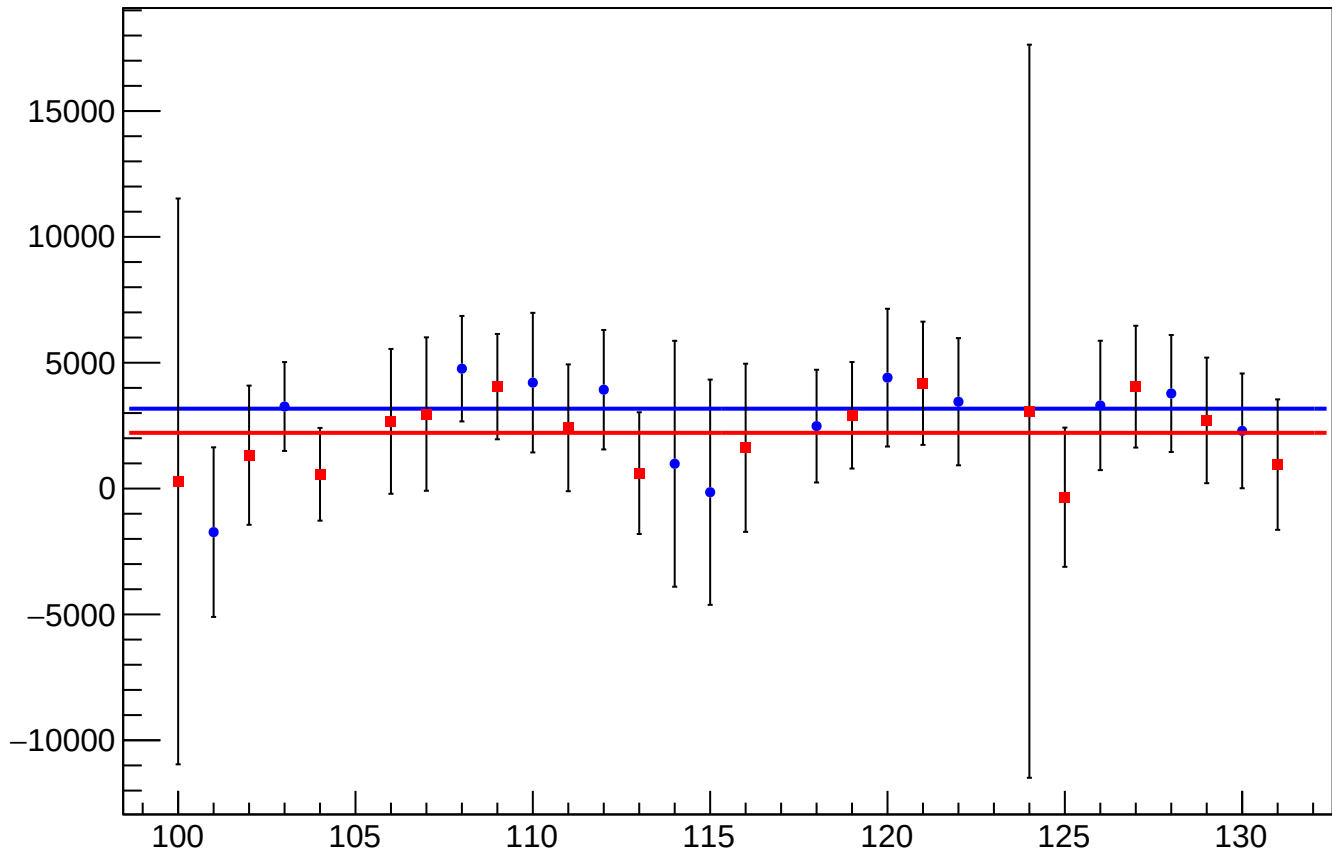
Right: 6407.113+/-1.377 χ^2/NDF : 1605942.9/28

In: 6995.110+/-2.144 χ^2/NDF : 346739.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6407.113+/-1.377 χ^2/NDF : 1605942.9/28

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3174.142 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2214.812 $\pm$ 657.389 χ^2 /NDF: 4.7/15

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

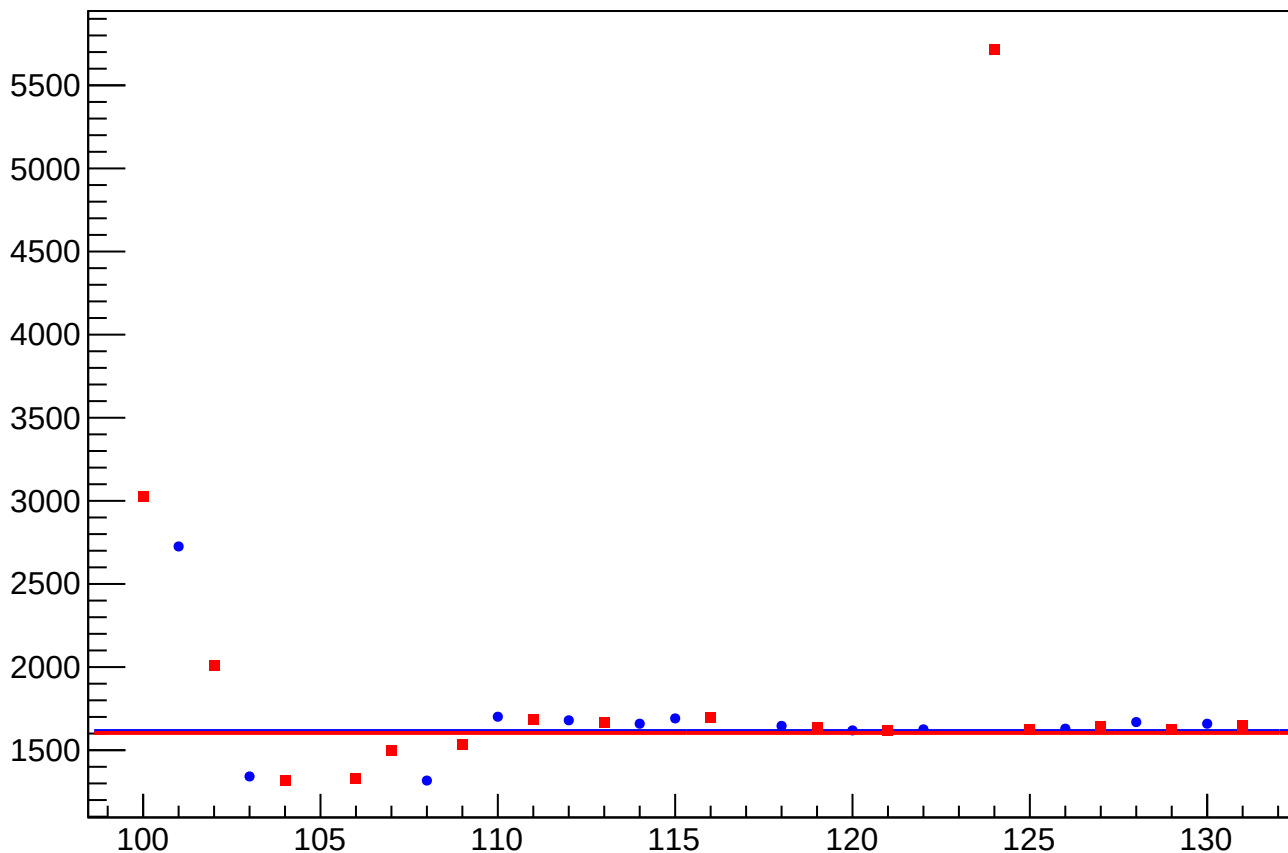
Right: 2666.028 $\pm$ 478.431 χ^2 /NDF: 9.9/28

In: 3174.142 $\pm$ 697.608 χ^2 /NDF:4.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2666.028 $\pm$ 478.431 χ^2 /NDF: 9.9/28

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

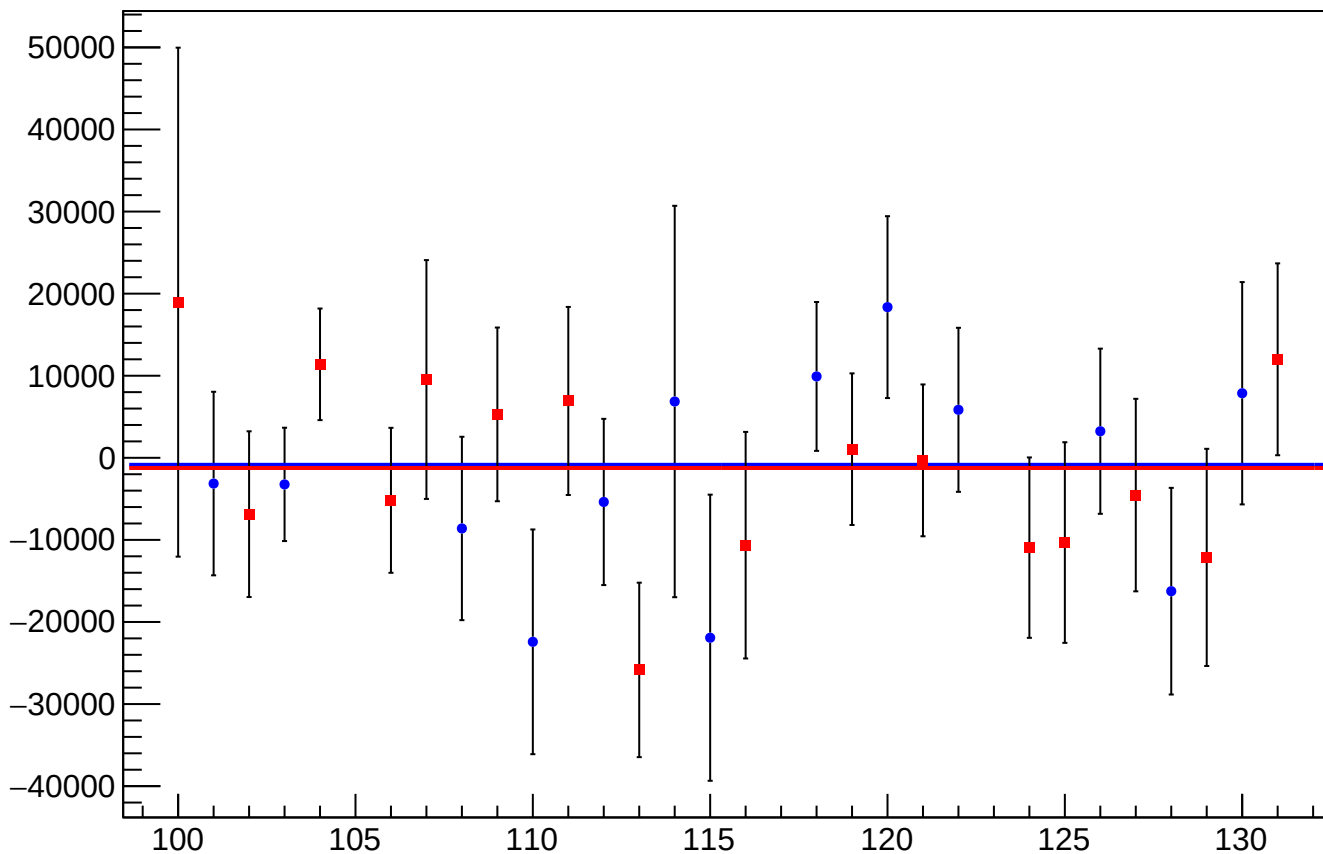
Right: 1609.101+/-0.338 χ^2/NDF : 623778.3/28

In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.101+/-0.338 χ^2/NDF : 623778.3/28

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.321+/-2678.282 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

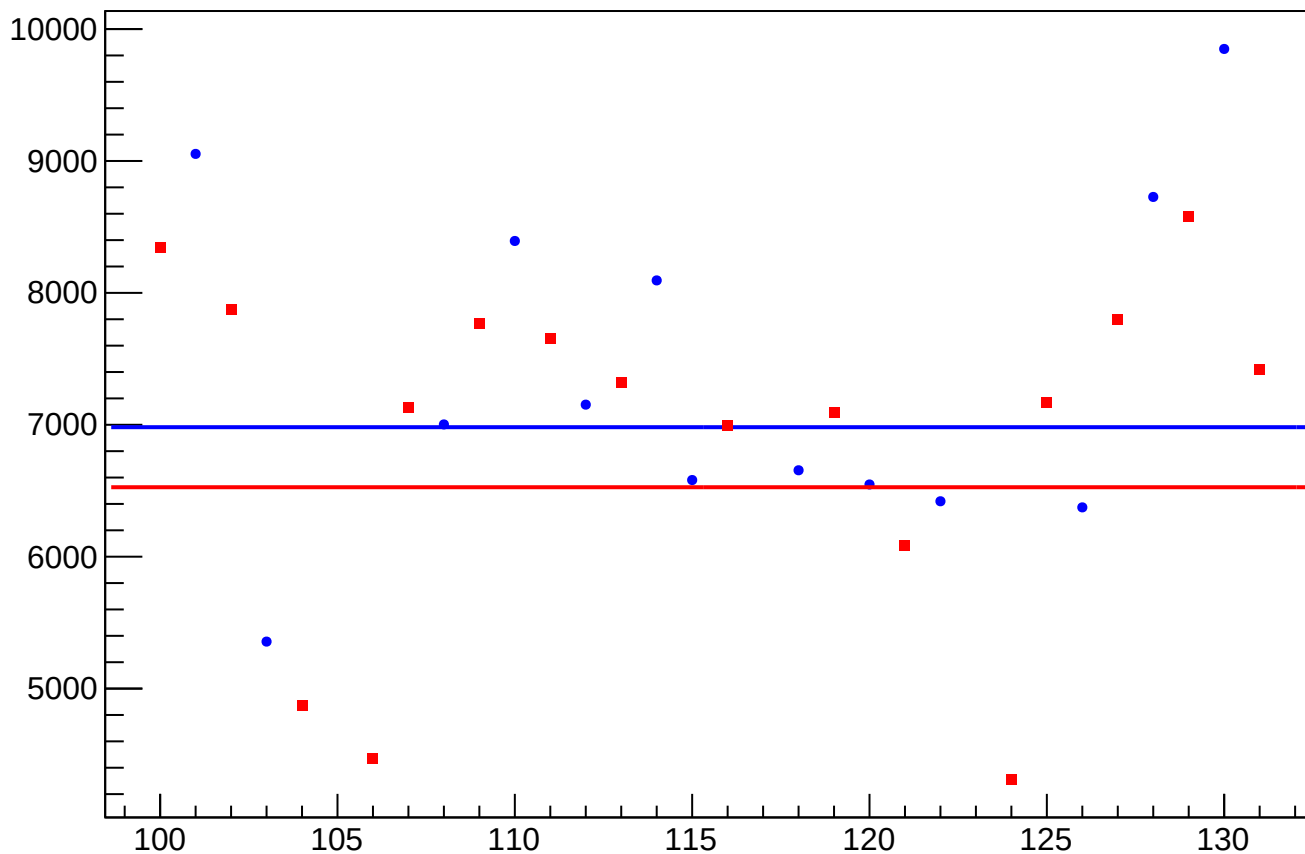
Right: -1069.565+/-2006.022 χ^2/NDF : 26.9/28

In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1069.565+/-2006.022 χ^2/NDF : 26.9/28

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6526.569+/-1.894 χ^2/NDF : 516042.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

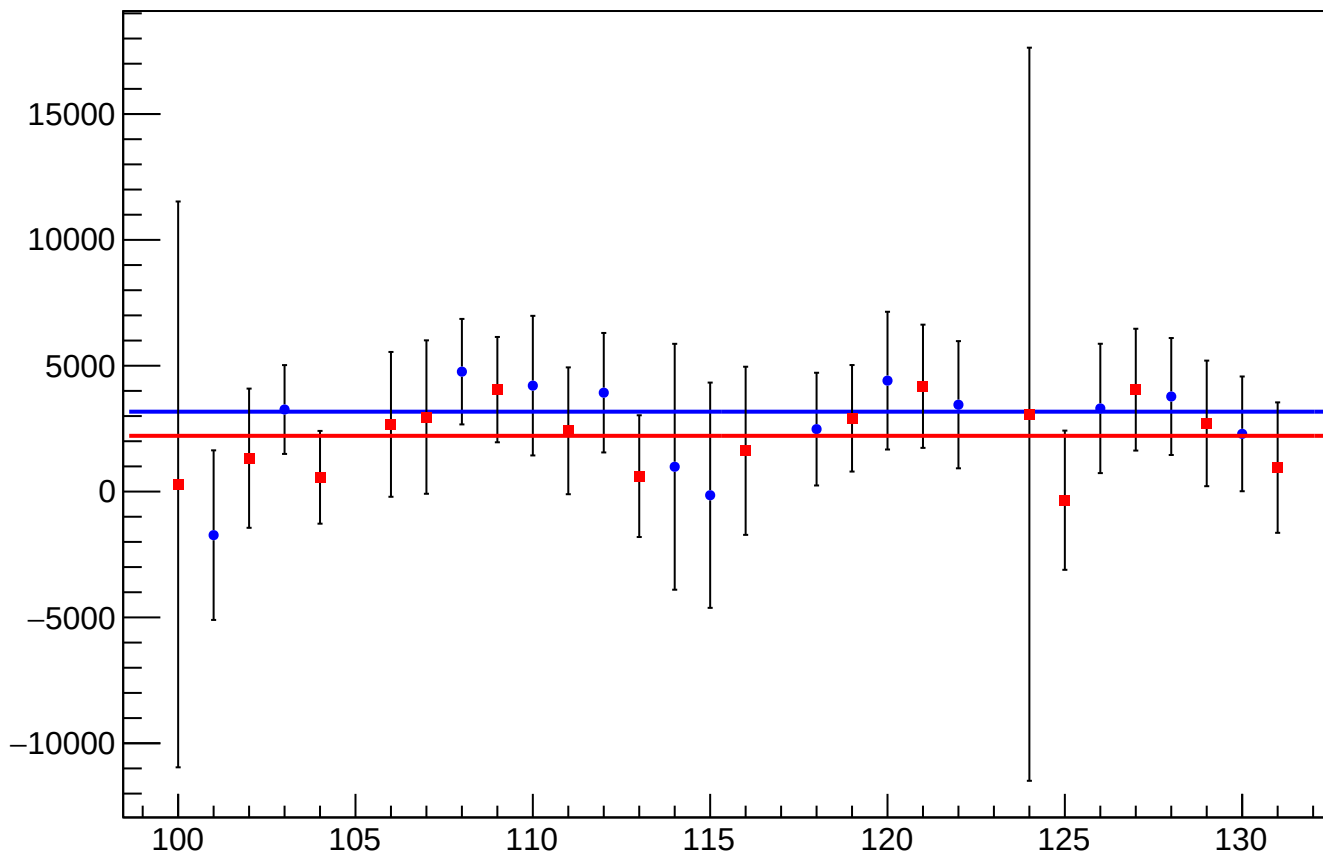
Right: 6726.396+/-1.418 χ^2/NDF : 895611.0/28

In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6726.396+/-1.418 χ^2/NDF : 895611.0/28

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3174.142 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2214.812 $\pm$ 657.389 χ^2 /NDF: 4.7/15

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

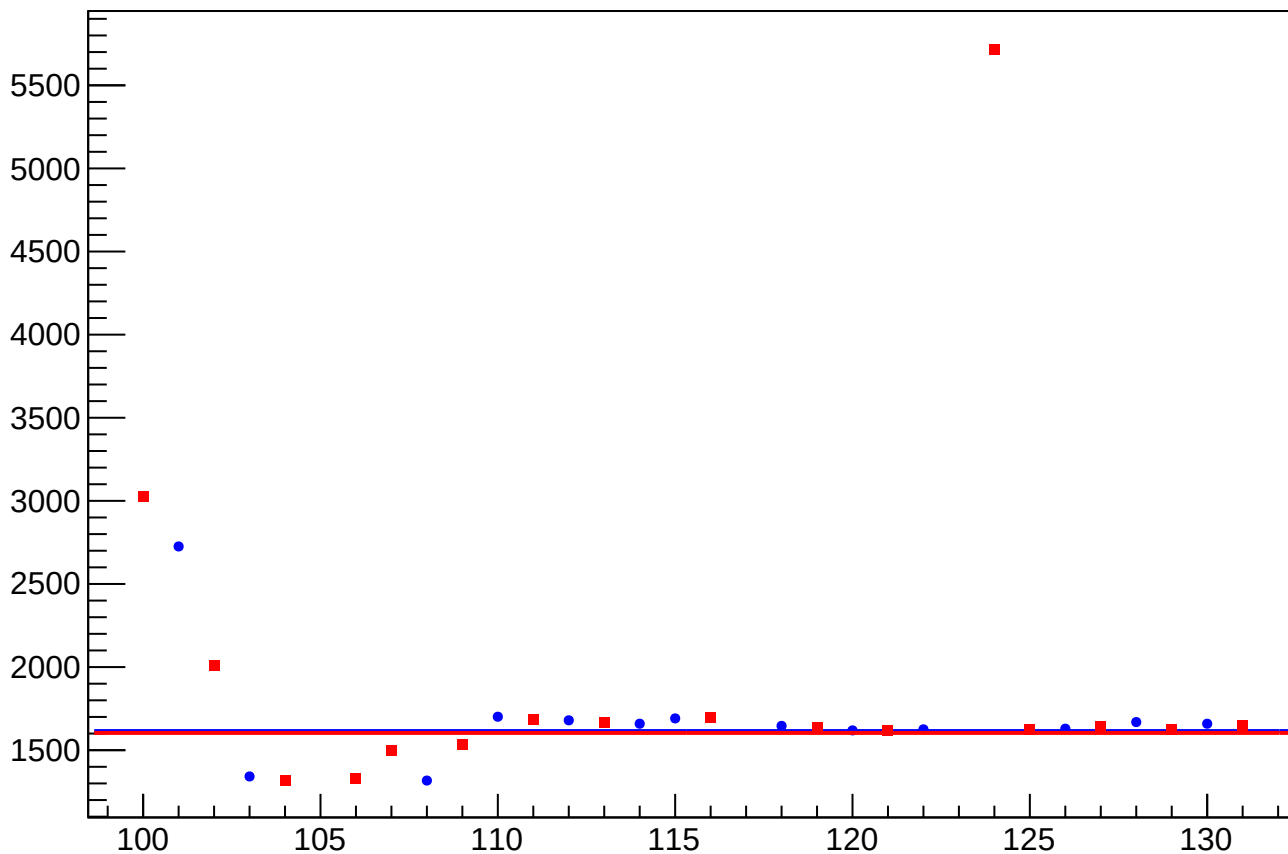
Right: 2666.028 $\pm$ 478.431 χ^2 /NDF: 9.9/28

In: 3174.142 $\pm$ 697.608 χ^2 /NDF:4.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2666.028 $\pm$ 478.431 χ^2 /NDF: 9.9/28

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

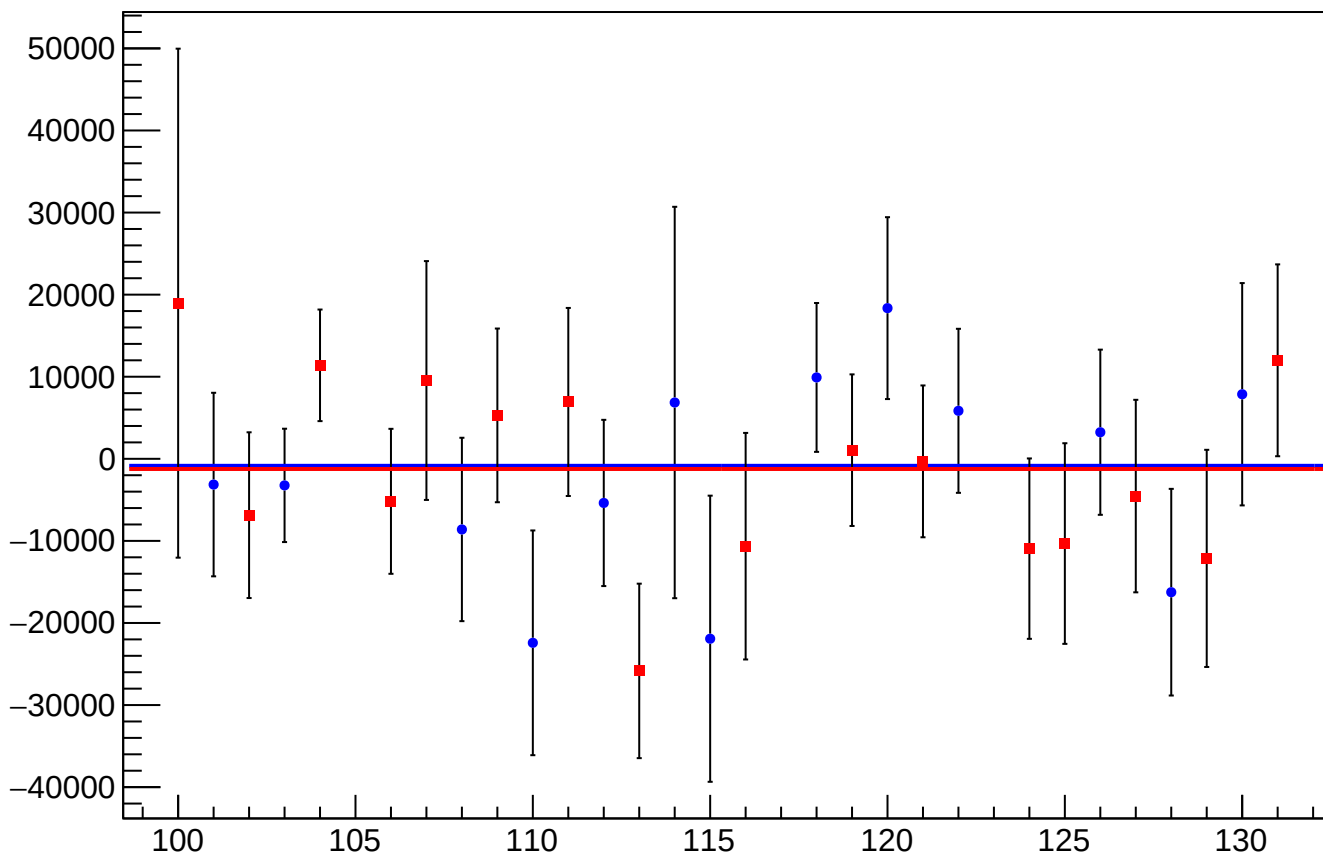
Right: 1609.101+/-0.338 χ^2/NDF : 623778.3/28

In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.101+/-0.338 χ^2/NDF : 623778.3/28

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.321+/-2678.282 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

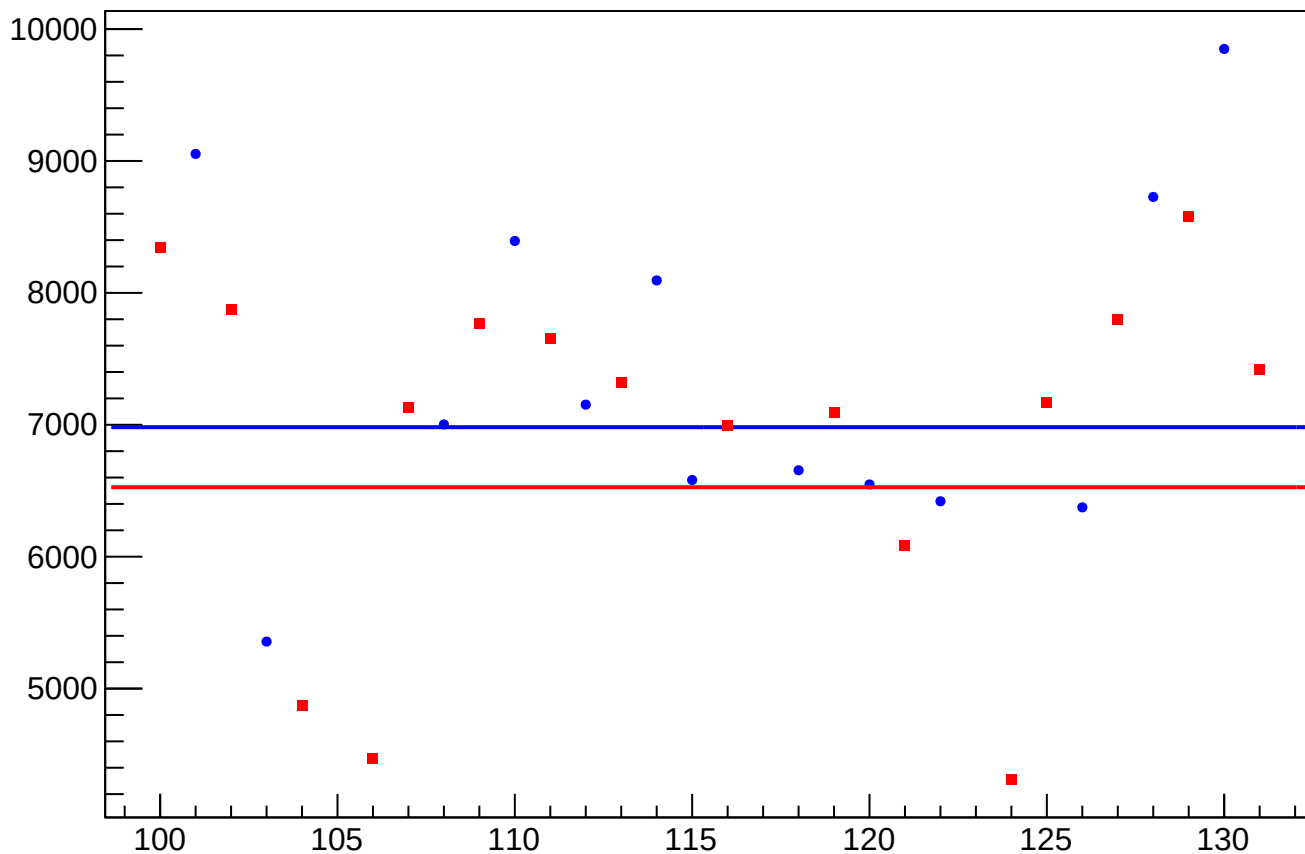
Right: -1069.565+/-2006.022 χ^2/NDF : 26.9/28

In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1069.565+/-2006.022 χ^2/NDF : 26.9/28

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6526.569+/-1.894 χ^2/NDF : 516042.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

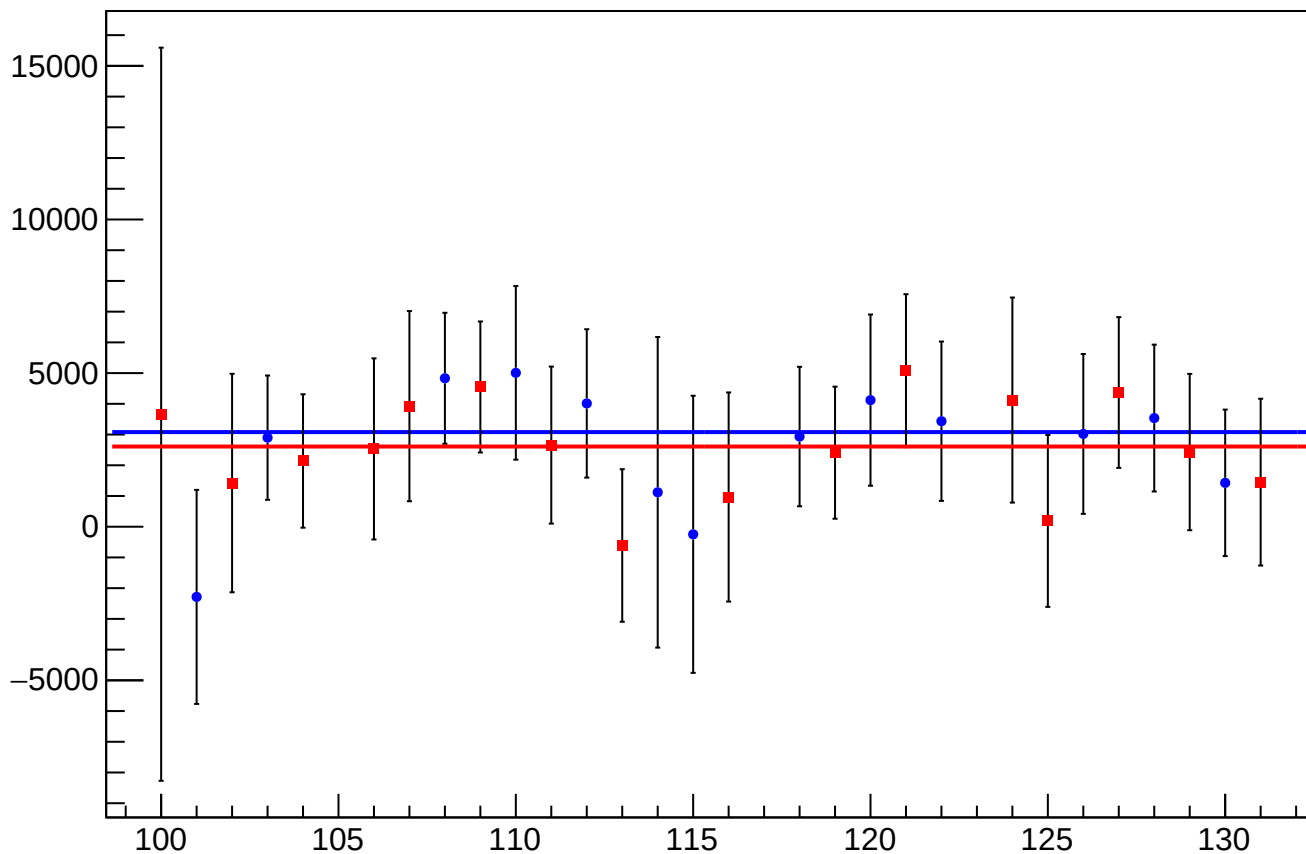
Right: 6726.396+/-1.418 χ^2/NDF : 895611.0/28

In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6726.396+/-1.418 χ^2/NDF : 895611.0/28

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3079.686+/-725.035 χ^2/NDF : 5.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2609.960+/-675.527 χ^2/NDF : 5.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

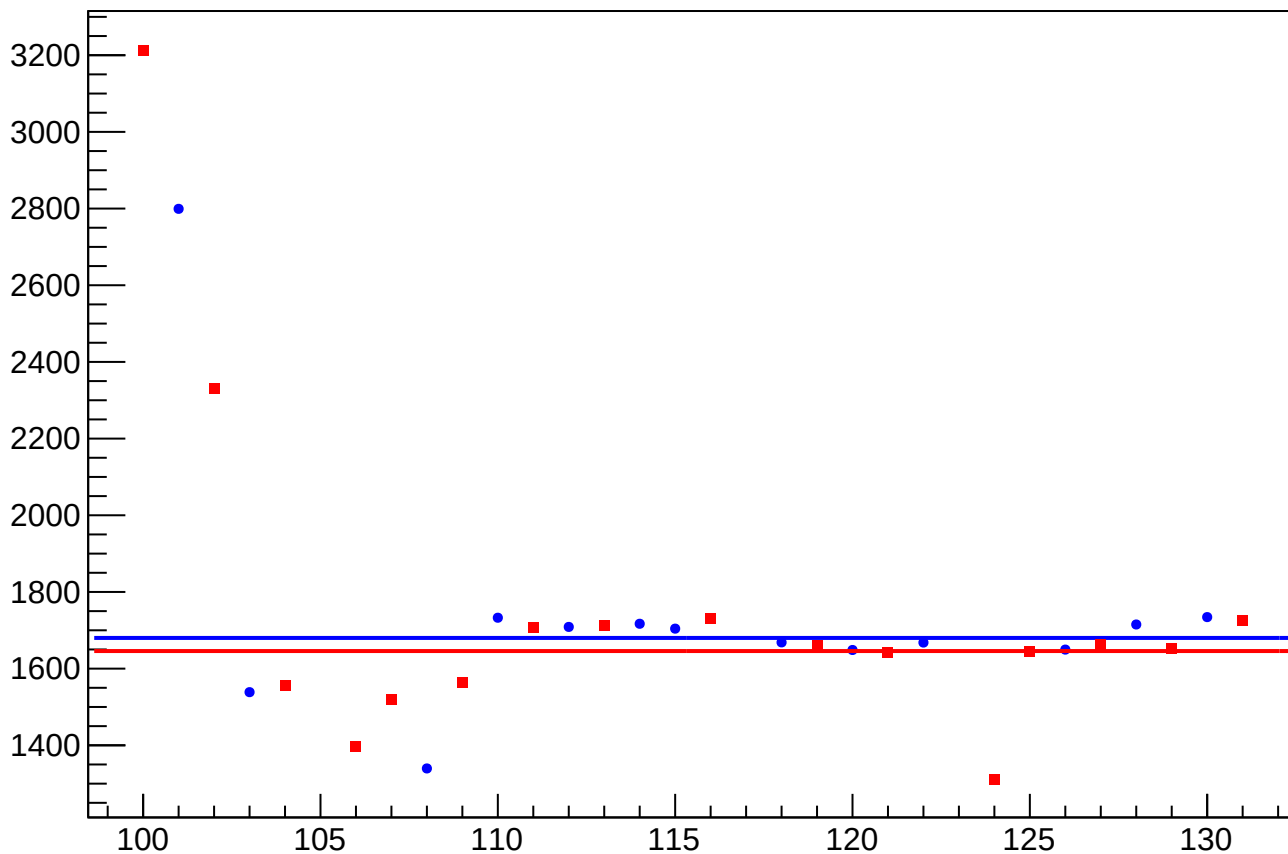
Right: 2828.239+/-494.246 χ^2/NDF : 11.0/28

In: 3079.686+/-725.035 χ^2/NDF : 5.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2828.239+/-494.246 χ^2/NDF : 11.0/28

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1680.081+/-0.513 χ^2/NDF : 270483.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.866+/-0.477 χ^2/NDF : 158907.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

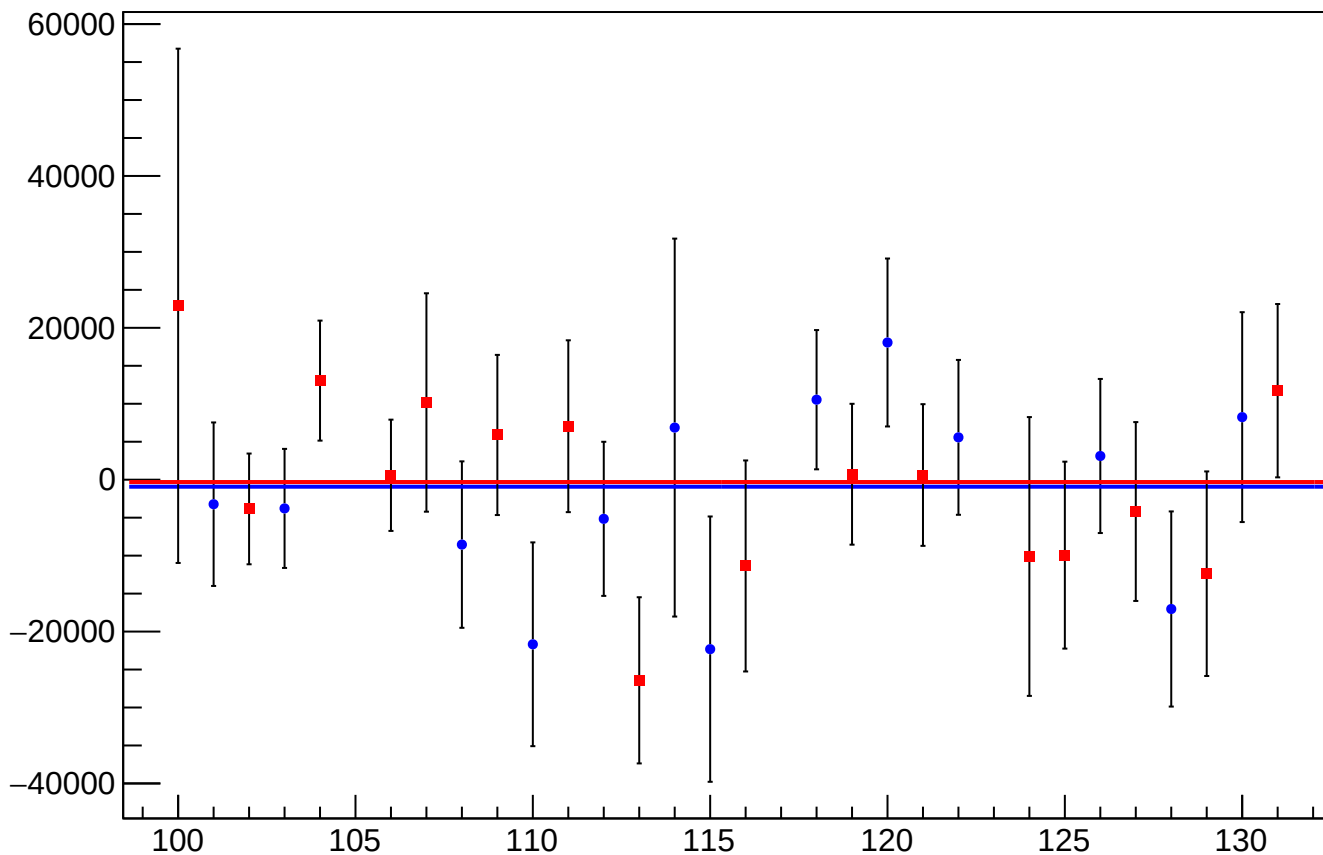
Right: 1661.758+/-0.349 χ^2/NDF : 431776.8/28

In: 1680.081+/-0.513 χ^2/NDF : 270483.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.758+/-0.349 χ^2/NDF : 431776.8/28

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -922.411+/-3099.741 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -306.356+/-2648.411 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

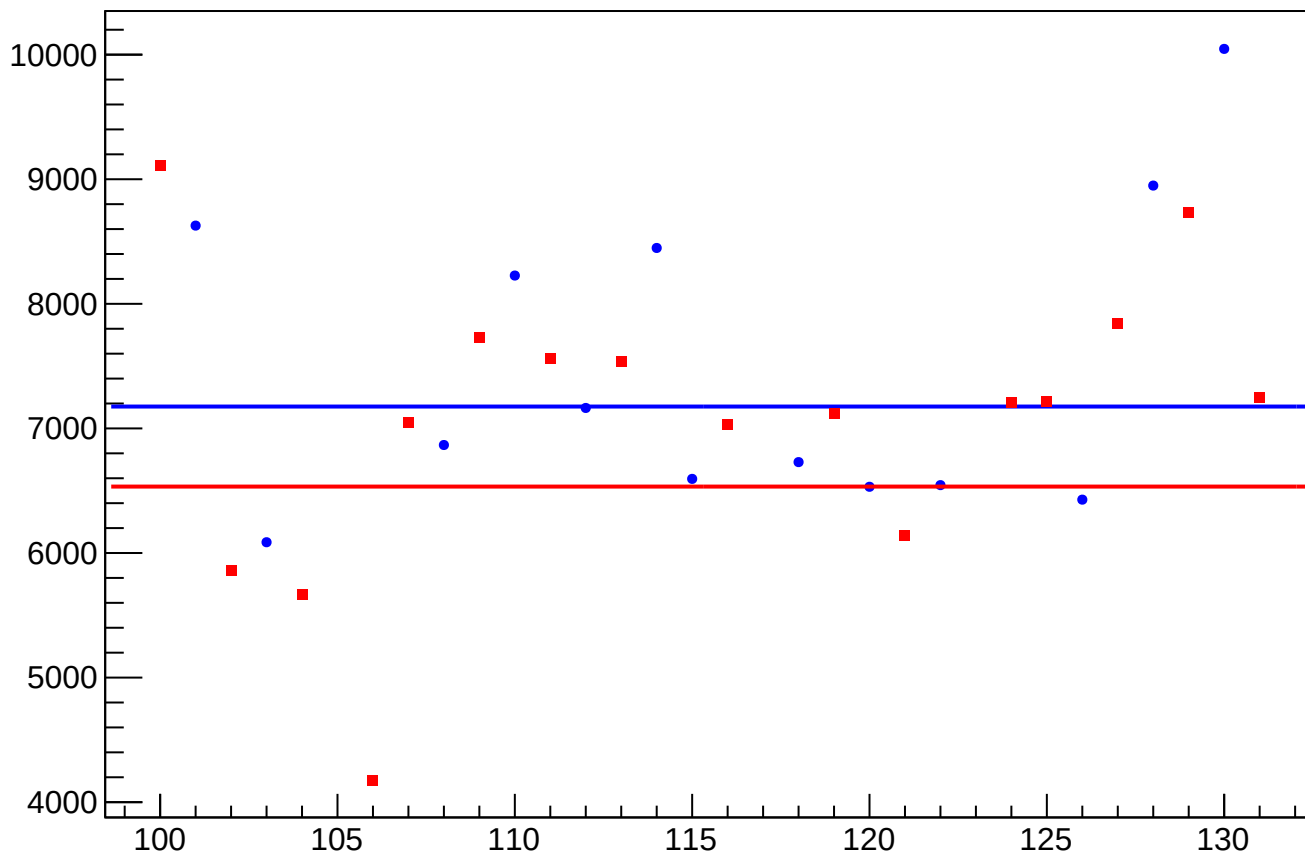
Right: -566.309+/-2013.553 χ^2/NDF : 26.1/28

In: -922.411+/-3099.741 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.309+/-2013.553 χ^2/NDF : 26.1/28

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7175.581+/-2.192 χ^2/NDF : 250724.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6533.206+/-1.873 χ^2/NDF : 430136.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

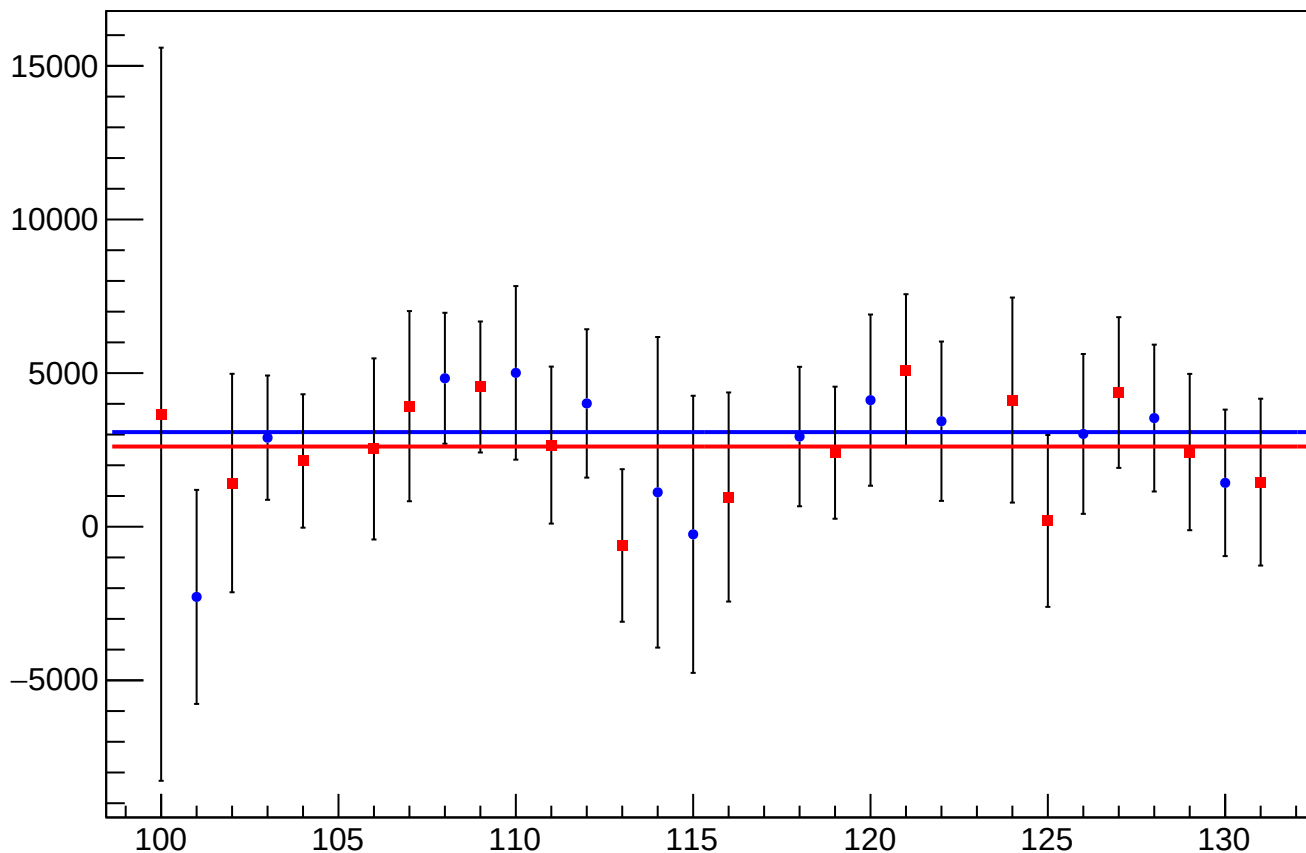
Right: 6804.265+/-1.424 χ^2/NDF : 730510.9/28

In: 7175.581+/-2.192 χ^2/NDF : 250724.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6804.265+/-1.424 χ^2/NDF : 730510.9/28

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3079.689+/-725.034 χ^2/NDF : 5.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2609.971+/-675.527 χ^2/NDF : 5.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

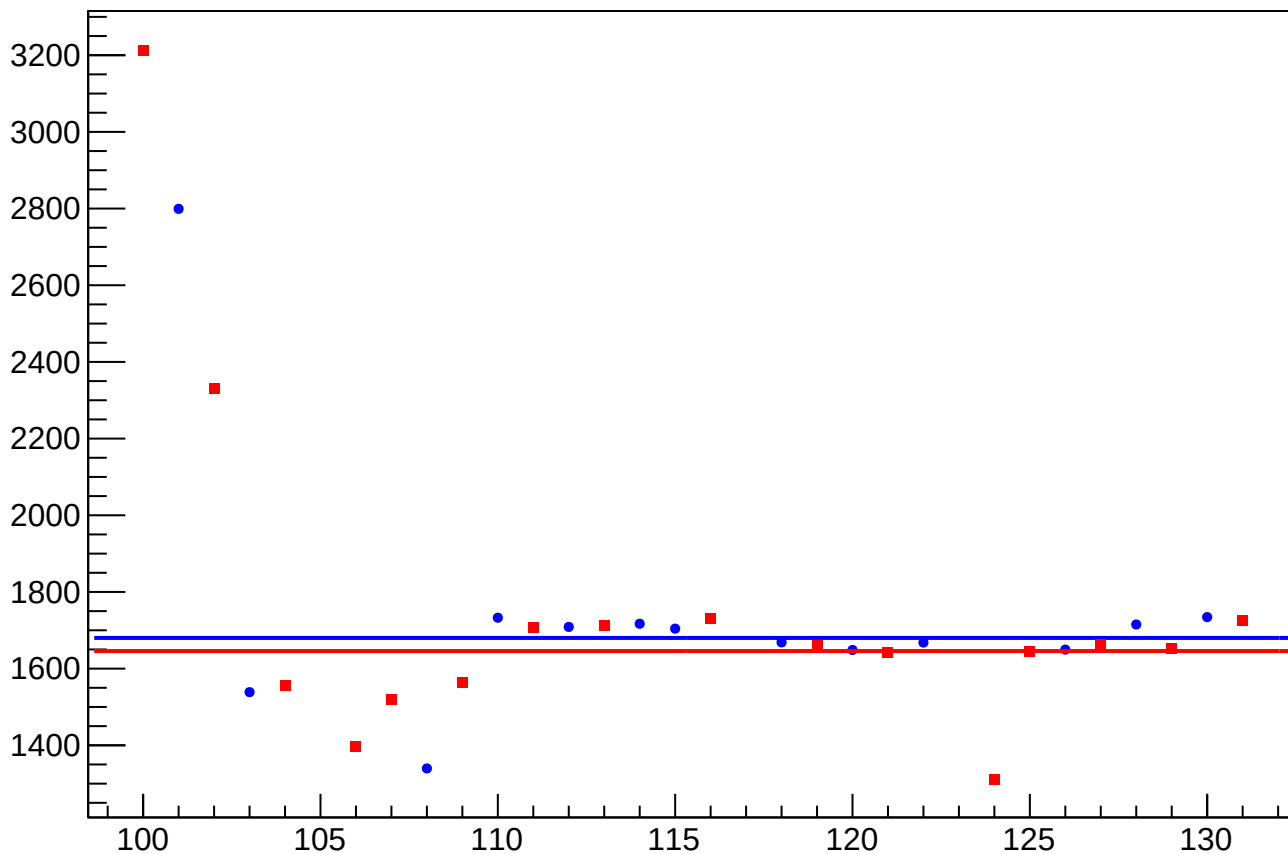
Right: 2828.247+/-494.246 χ^2/NDF : 11.0/28

In: 3079.689+/-725.034 χ^2/NDF : 5.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2828.247+/-494.246 χ^2/NDF : 11.0/28

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1680.080+/-0.513 χ^2/NDF : 270483.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.866+/-0.477 χ^2/NDF : 158908.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

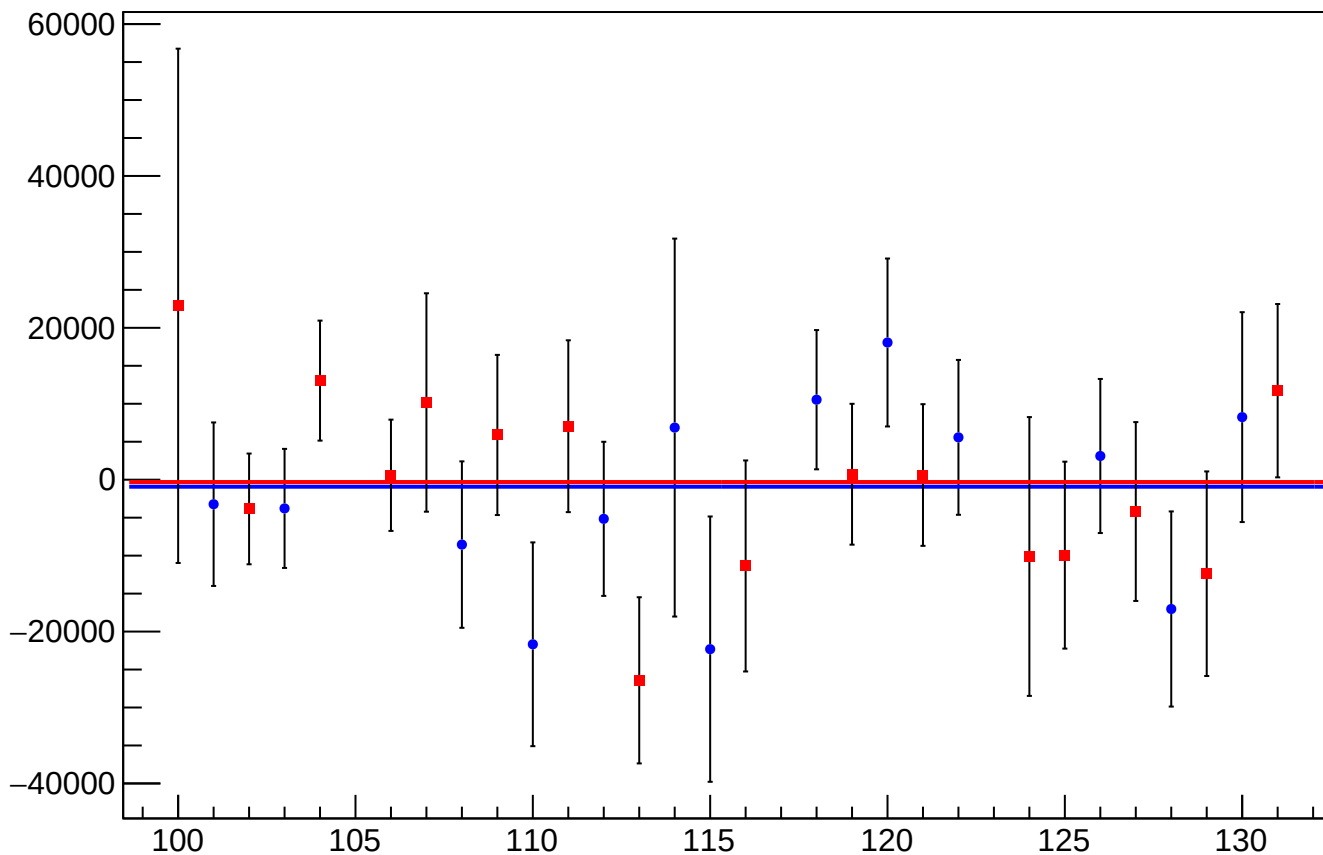
Right: 1661.758+/-0.349 χ^2/NDF : 431776.4/28

In: 1680.080+/-0.513 χ^2/NDF : 270483.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.758+/-0.349 χ^2/NDF : 431776.4/28

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -922.397+/-3099.732 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -306.348+/-2648.405 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

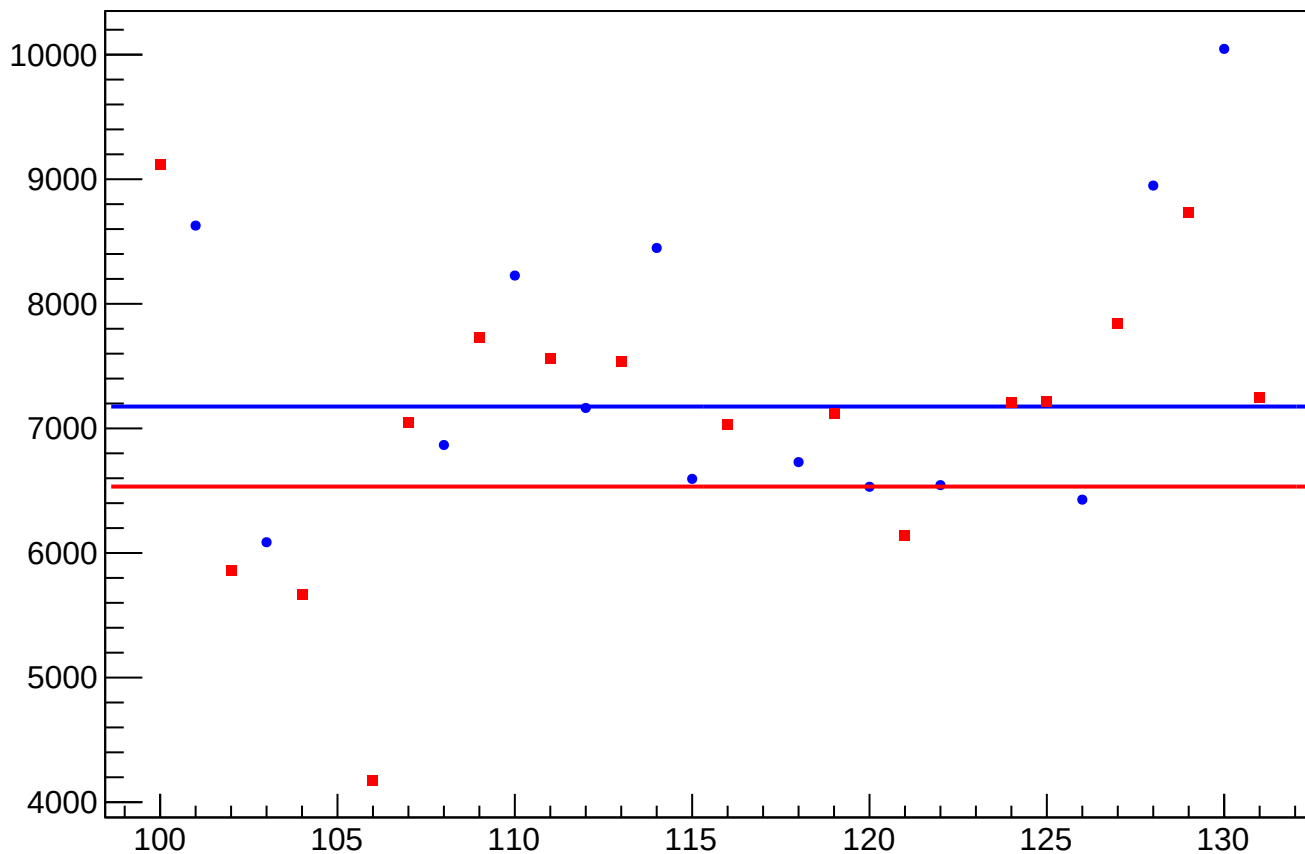
Right: -566.298+/-2013.547 χ^2/NDF : 26.1/28

In: -922.397+/-3099.732 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.298+/-2013.547 χ^2/NDF : 26.1/28

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7175.560+/-2.192 χ^2/NDF : 250724.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6533.91+/-1.873 χ^2/NDF : 430134.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

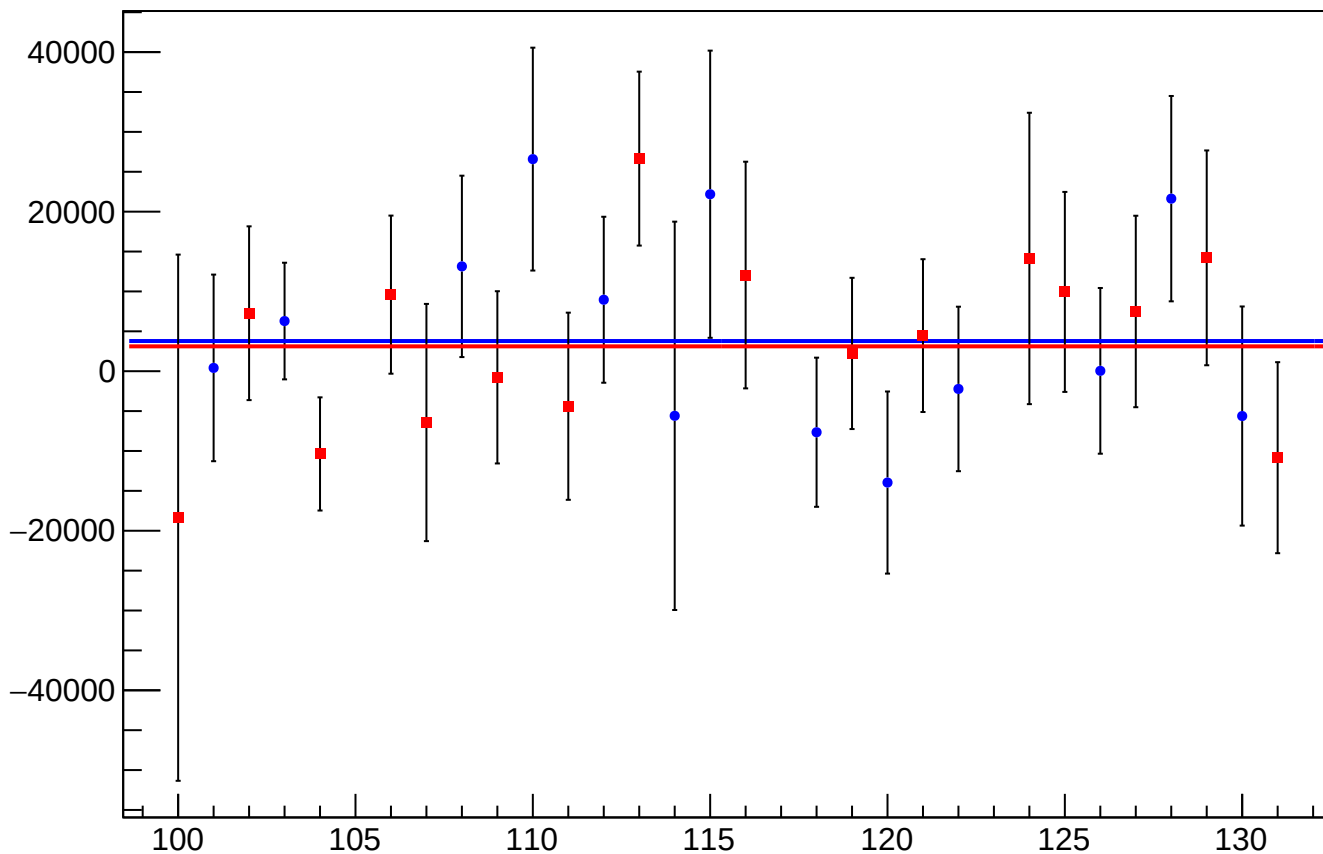
Right: 6804.247+/-1.424 χ^2/NDF : 730507.4/28

In: 7175.560+/-2.192 χ^2/NDF : 250724.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6804.247+/-1.424 χ^2/NDF : 730507.4/28

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3782.673+/-3130.767 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3114.773+/-2840.142 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

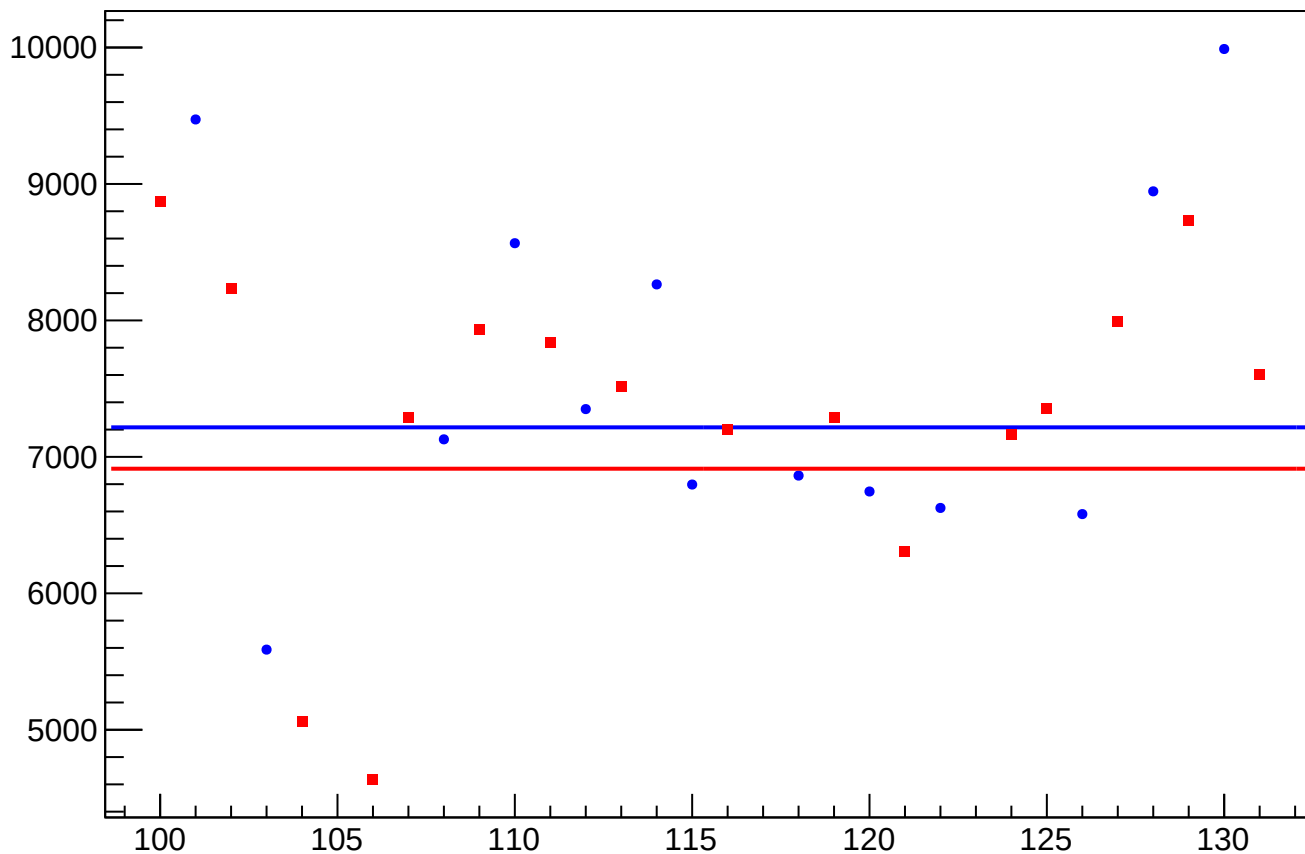
Right: 3416.291+/-2103.543 χ^2/NDF : 25.3/28

In: 3782.673+/-3130.767 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3416.291+/-2103.543 χ^2/NDF : 25.3/28

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7216.399+/-2.214 χ^2/NDF : 335559.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6913.295+/-2.008 χ^2/NDF : 390467.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

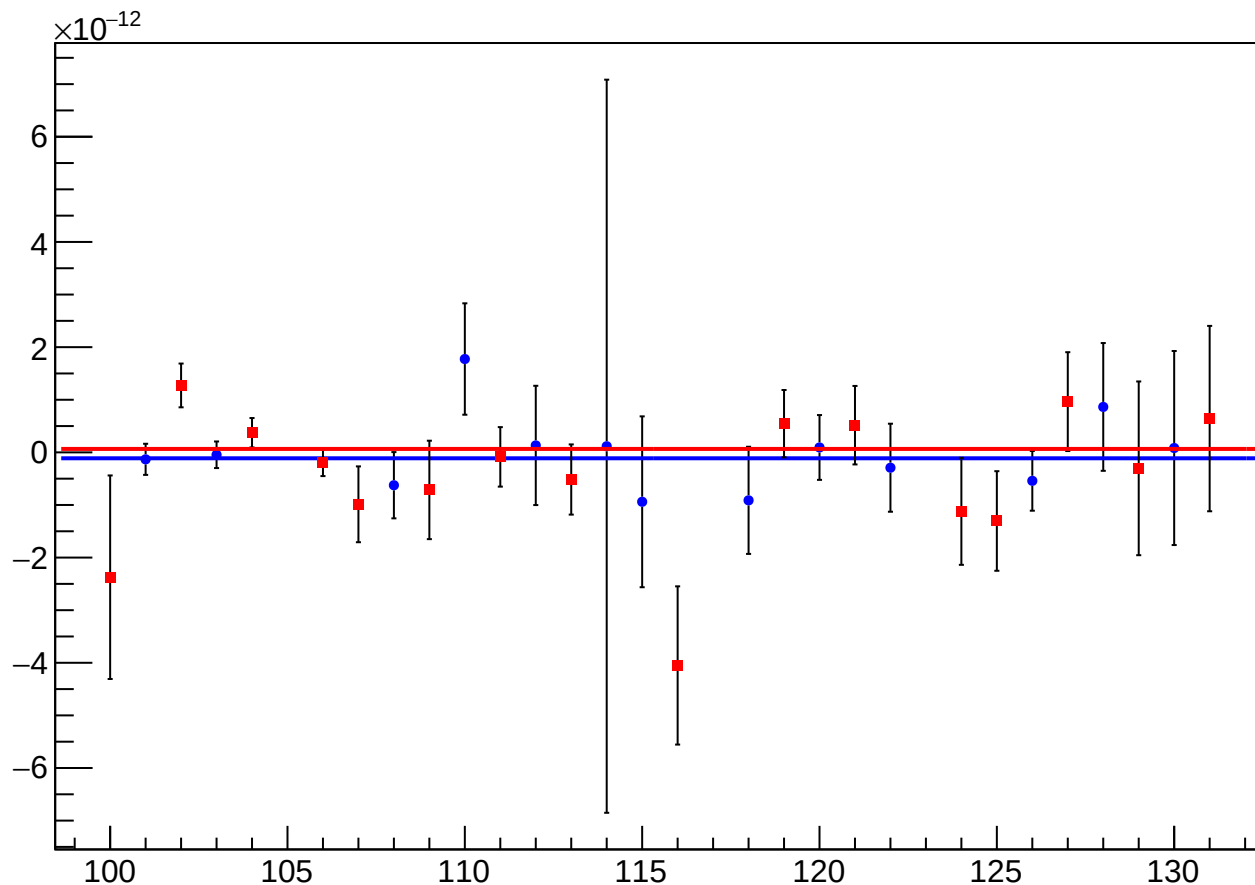
Right: 7050.118+/-1.487 χ^2/NDF : 736310.7/28

In: 7216.399+/-2.214 χ^2/NDF : 335559.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7050.118+/-1.487 χ^2/NDF : 736310.7/28

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

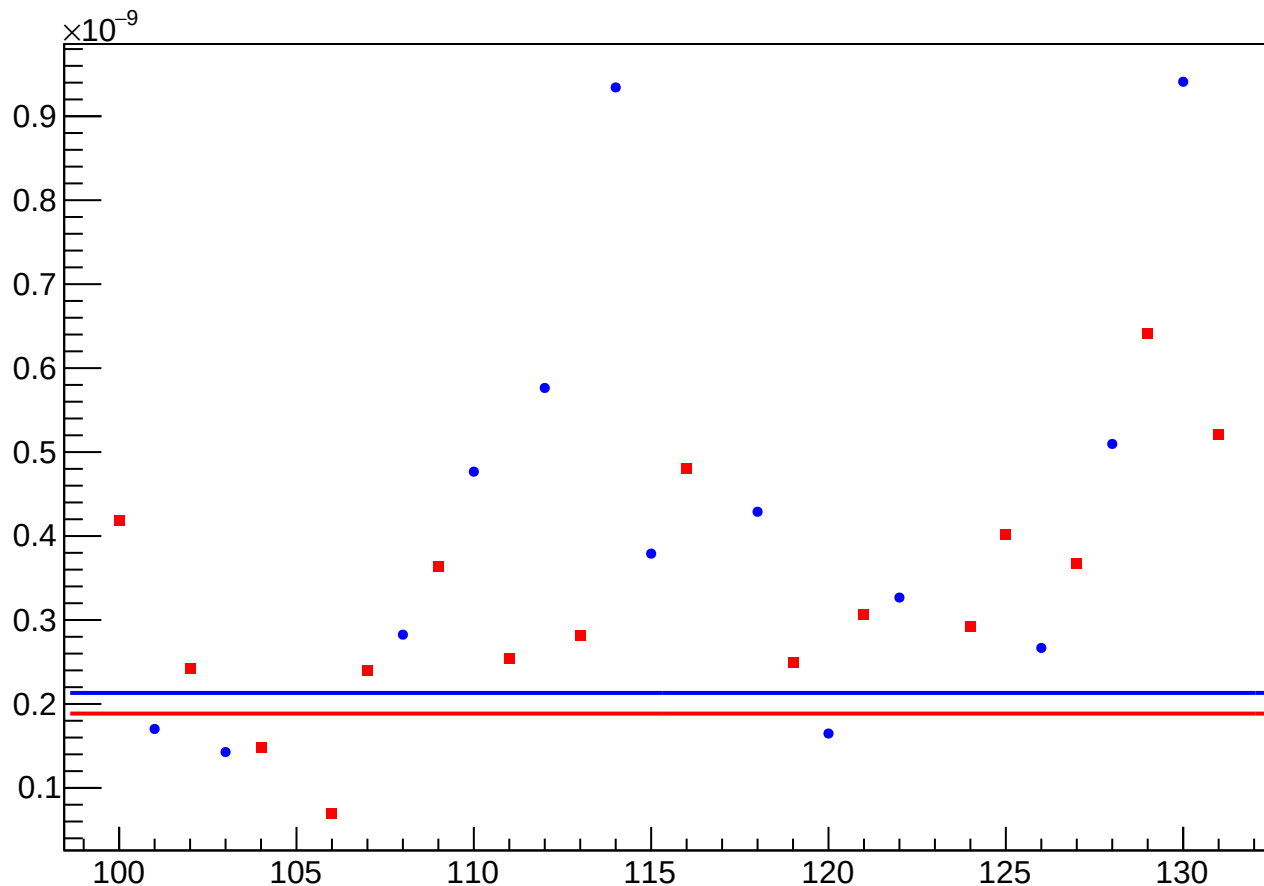
Right: -0.000+/-0.000 χ^2/NDF : 35.9/28

In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.9/28

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1180880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1253426.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

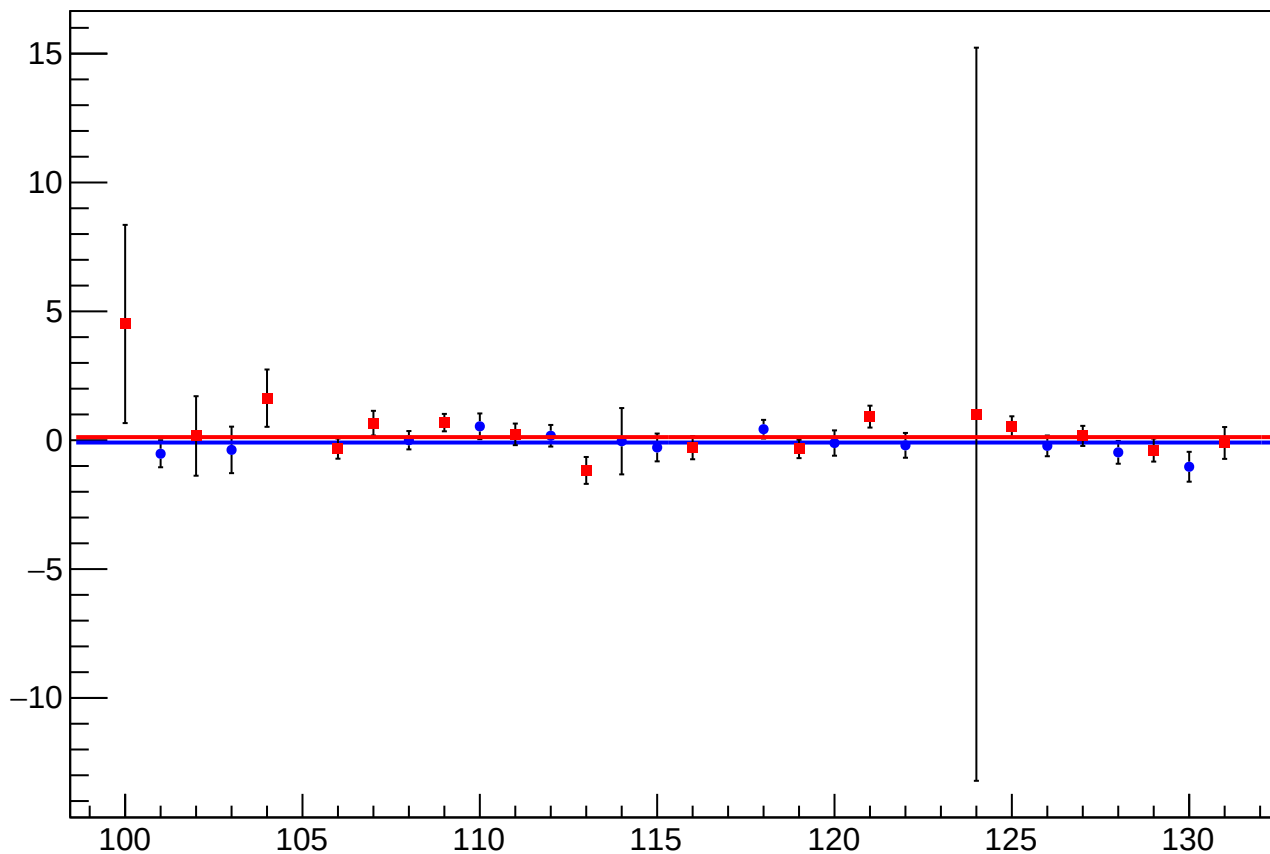
Right: 0.000+/-0.000 χ^2/NDF : 2461844.3/28

In: 0.000+/-0.000 χ^2/NDF : 1180880.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2461844.3/28

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.121 ± 0.121 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

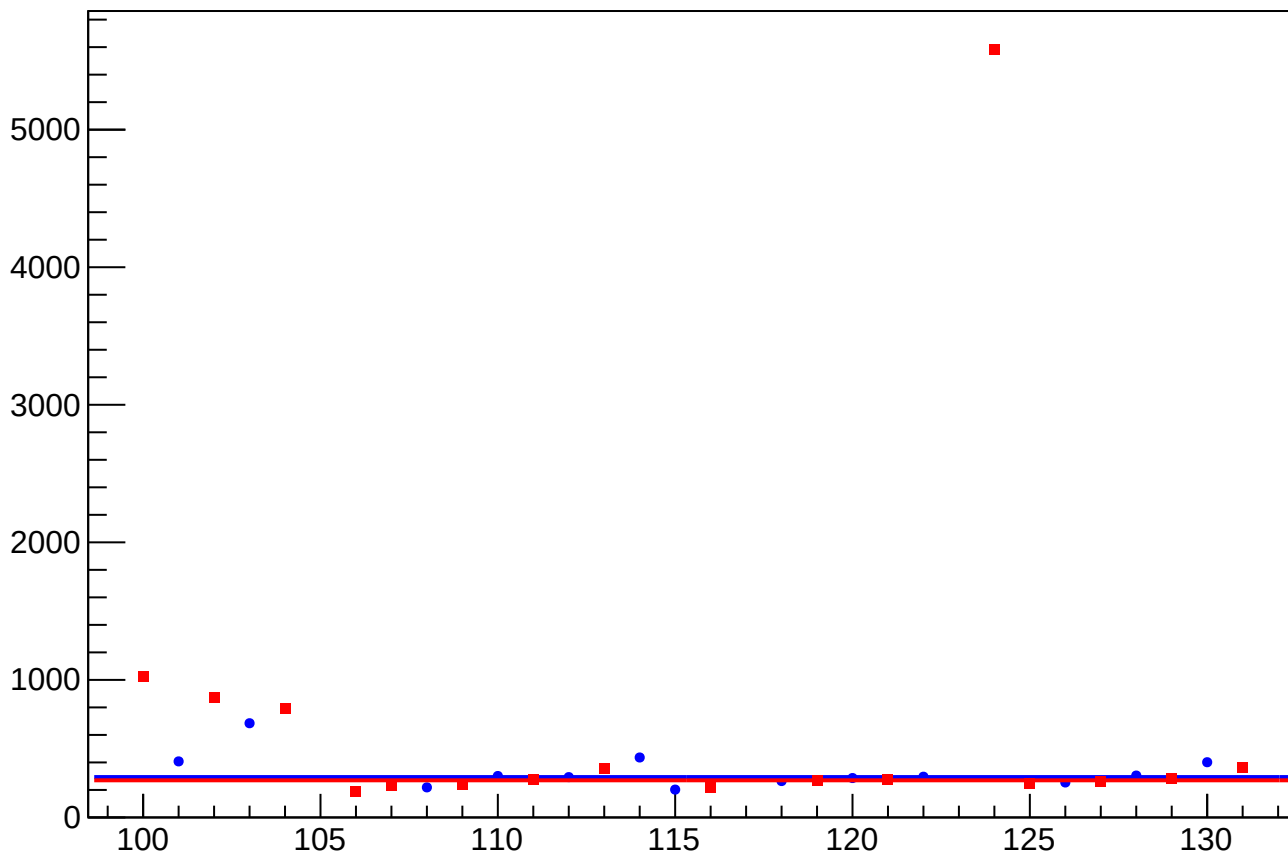
Right: 0.026 ± 0.089 χ^2/NDF : 32.9/28

In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.089 χ^2/NDF : 32.9/28

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.090+/-0.085 χ^2/NDF : 1363723.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

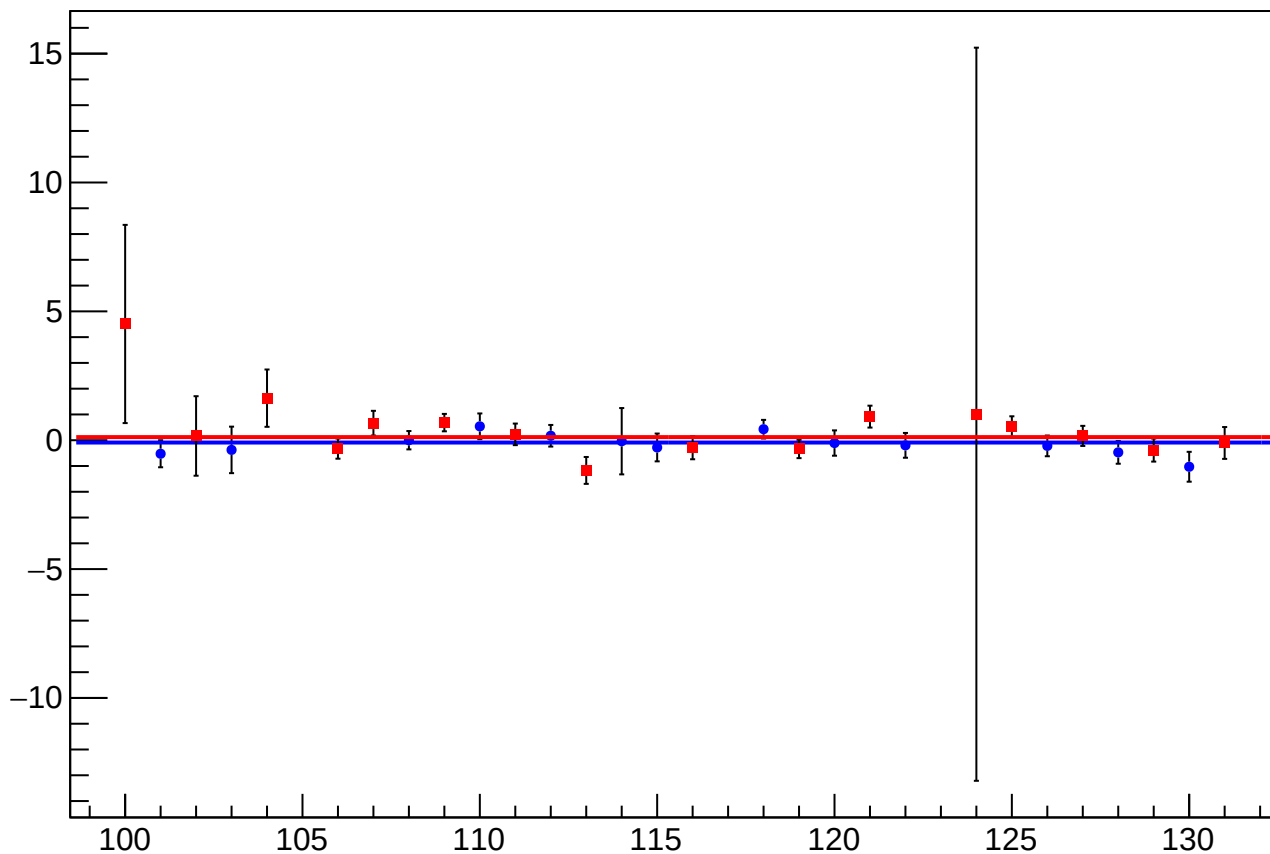
Right: 280.741+/-0.063 χ^2/NDF : 2142884.6/28

In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.741+/-0.063 χ^2/NDF : 2142884.6/28

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.121 ± 0.121 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

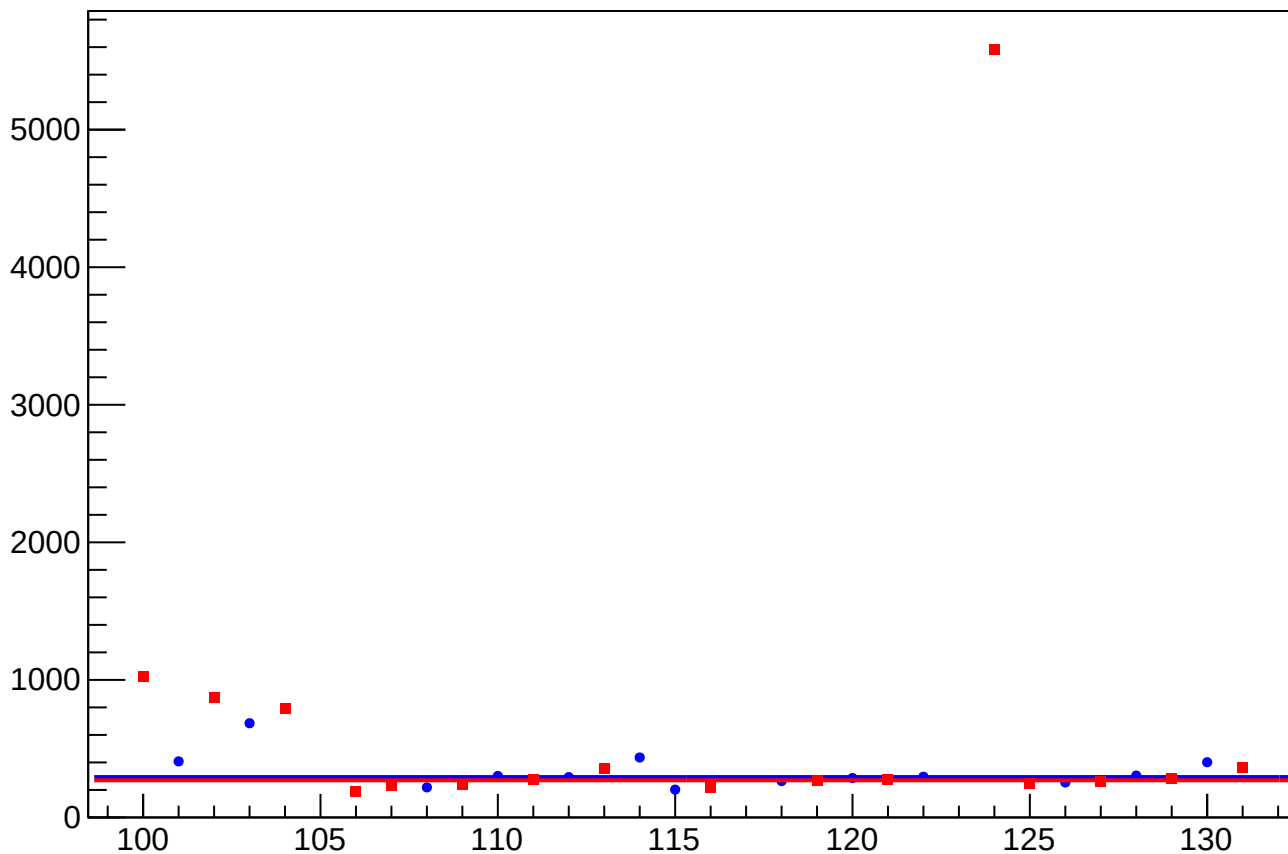
Right: 0.026 ± 0.089 χ^2/NDF : 32.9/28

In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.089 χ^2/NDF : 32.9/28

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.090+/-0.085 χ^2/NDF : 1363723.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

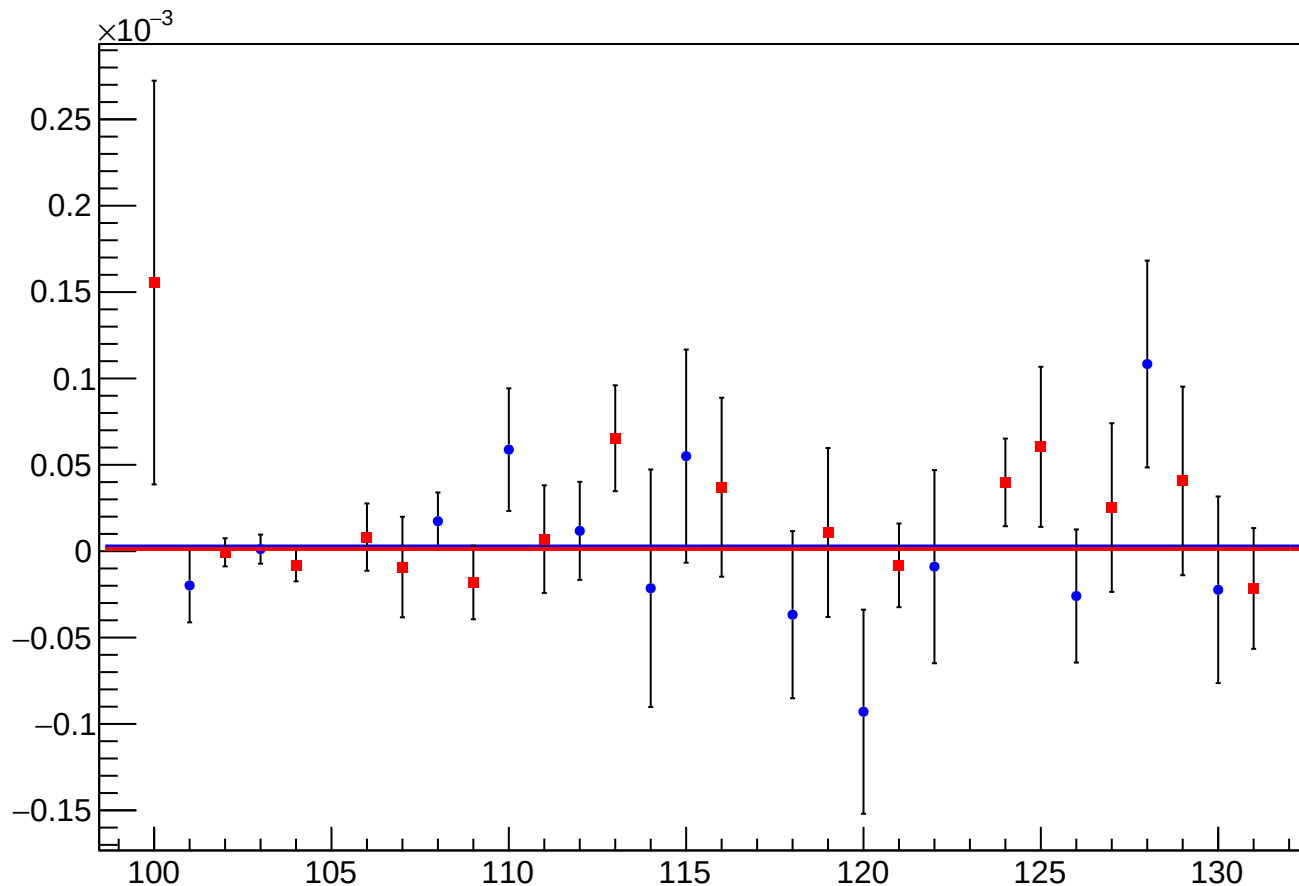
Right: 280.741+/-0.063 χ^2/NDF : 2142884.6/28

In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.741+/-0.063 χ^2/NDF : 2142884.6/28

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

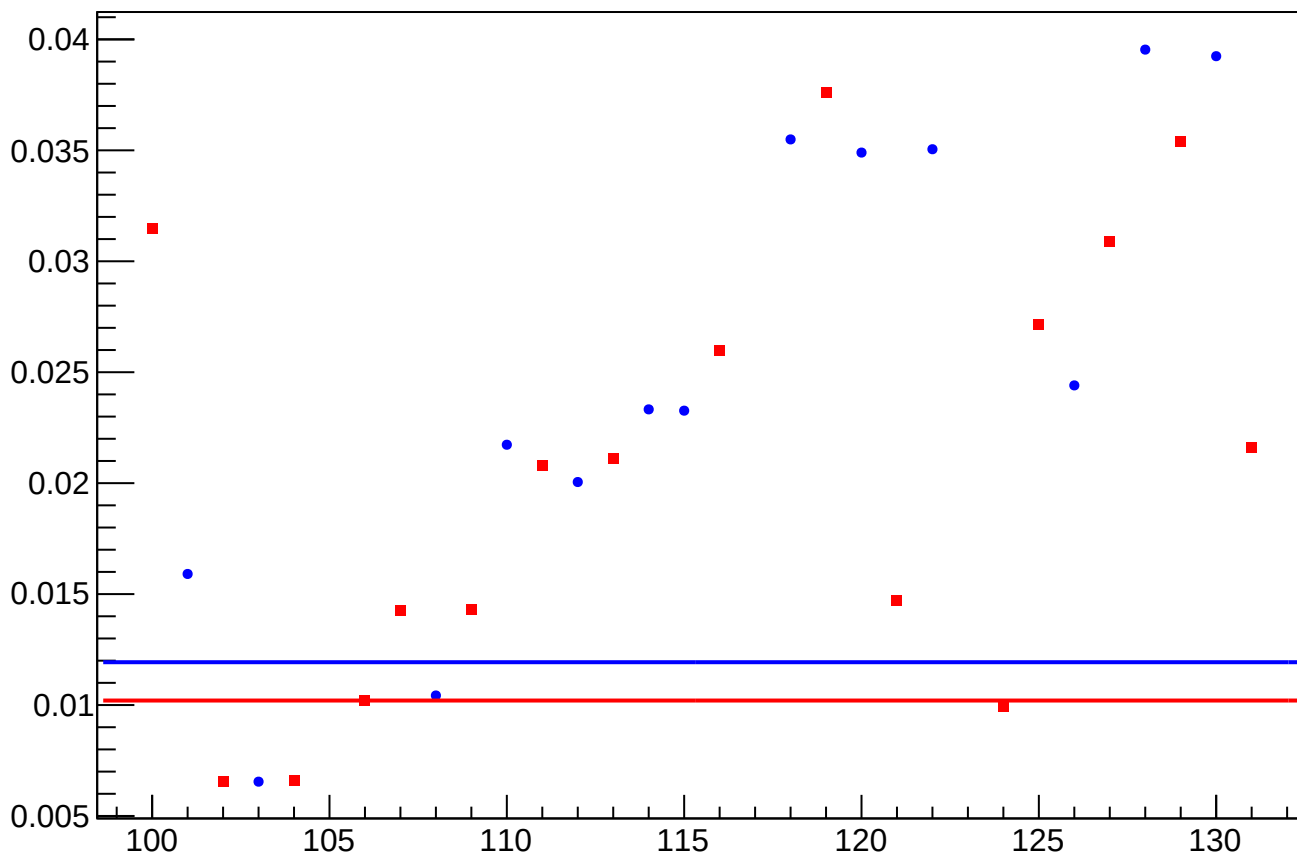
Right: 0.000+/-0.000 χ^2/NDF : 26.8/28

In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.8/28

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 3607216.5/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 3512776.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 7212206.9/28

In: 0.012+/-0.000

χ^2/NDF : 3607216.5/12

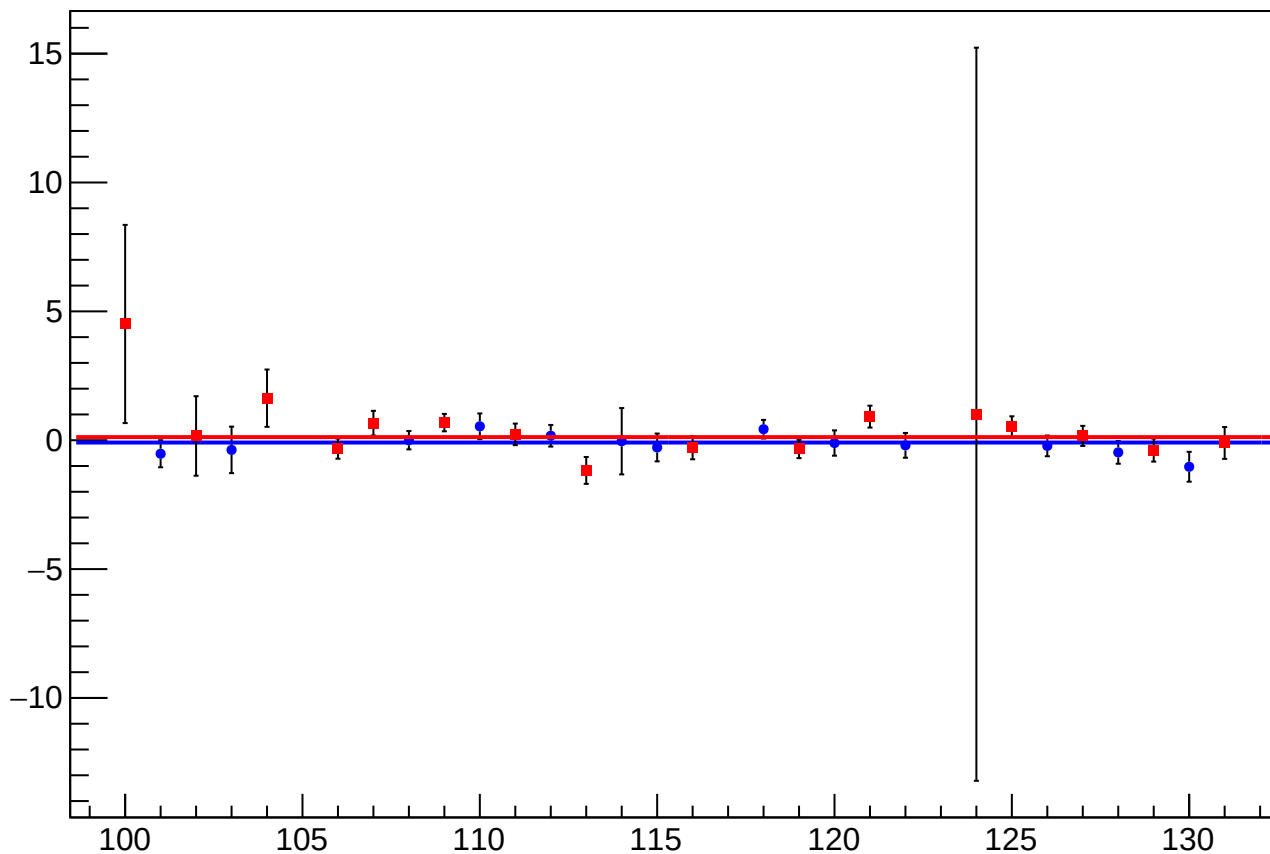
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 7212206.9/28

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.121 ± 0.121 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

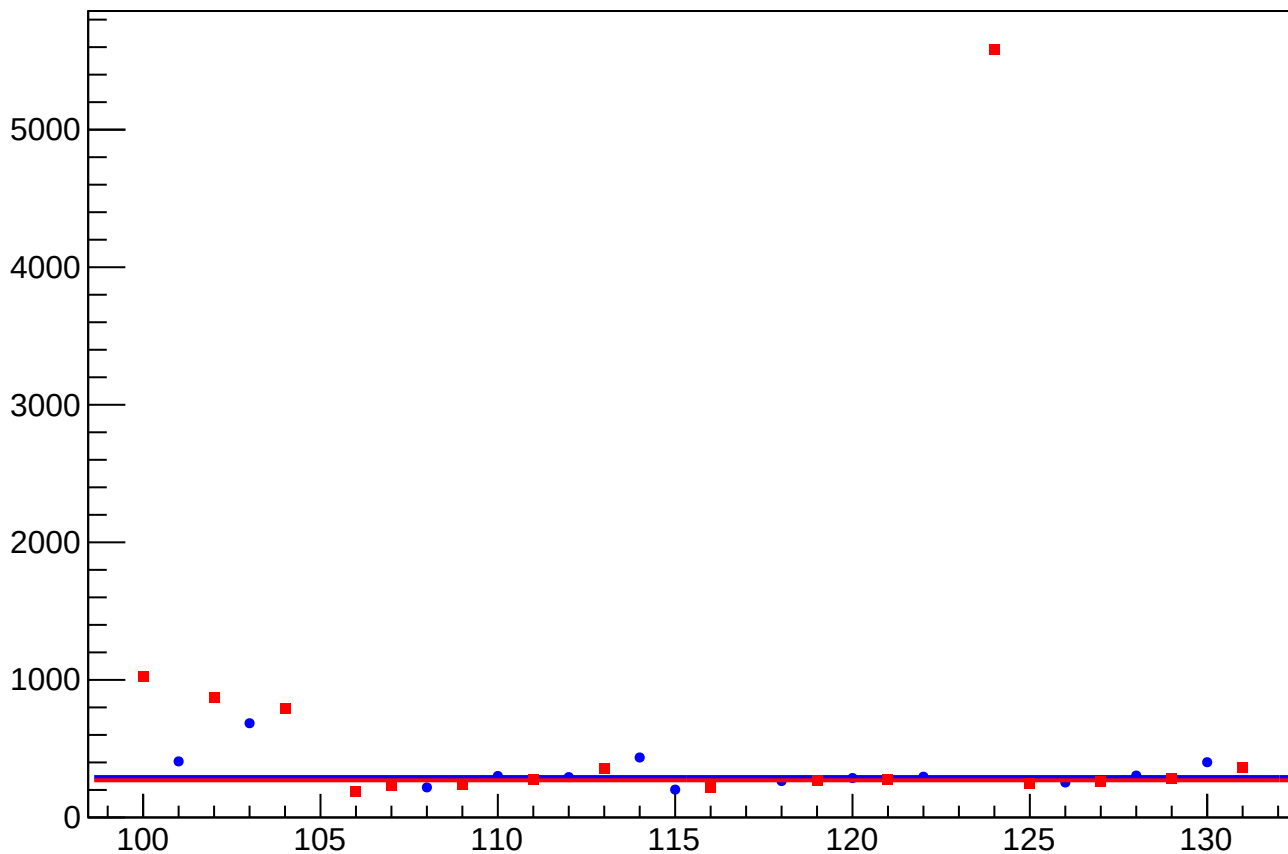
Right: 0.026 ± 0.089 χ^2/NDF : 32.9/28

In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.089 χ^2/NDF : 32.9/28

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.089+/-0.085 χ^2/NDF : 1363703.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

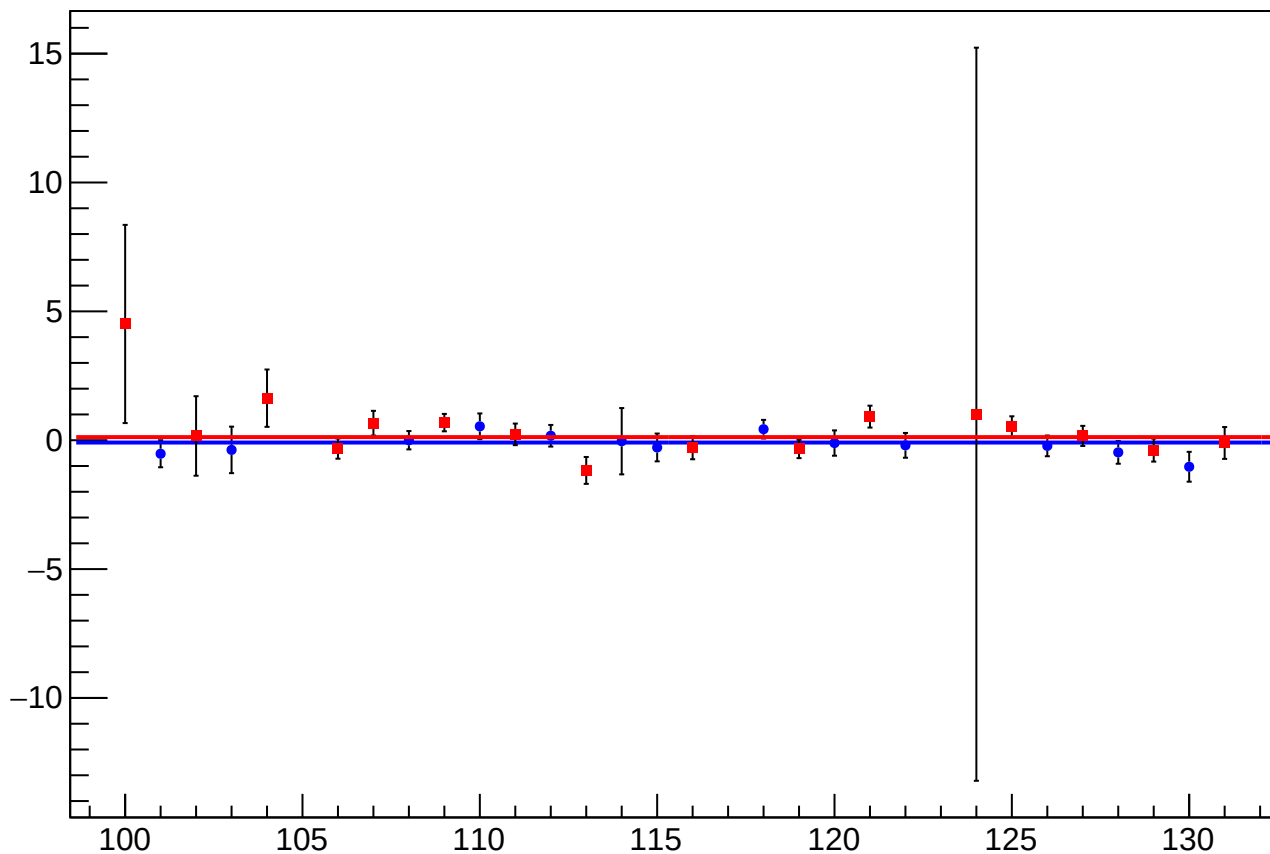
Right: 280.740+/-0.063 χ^2/NDF : 2142812.0/28

In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.740+/-0.063 χ^2/NDF : 2142812.0/28

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.121 ± 0.121 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

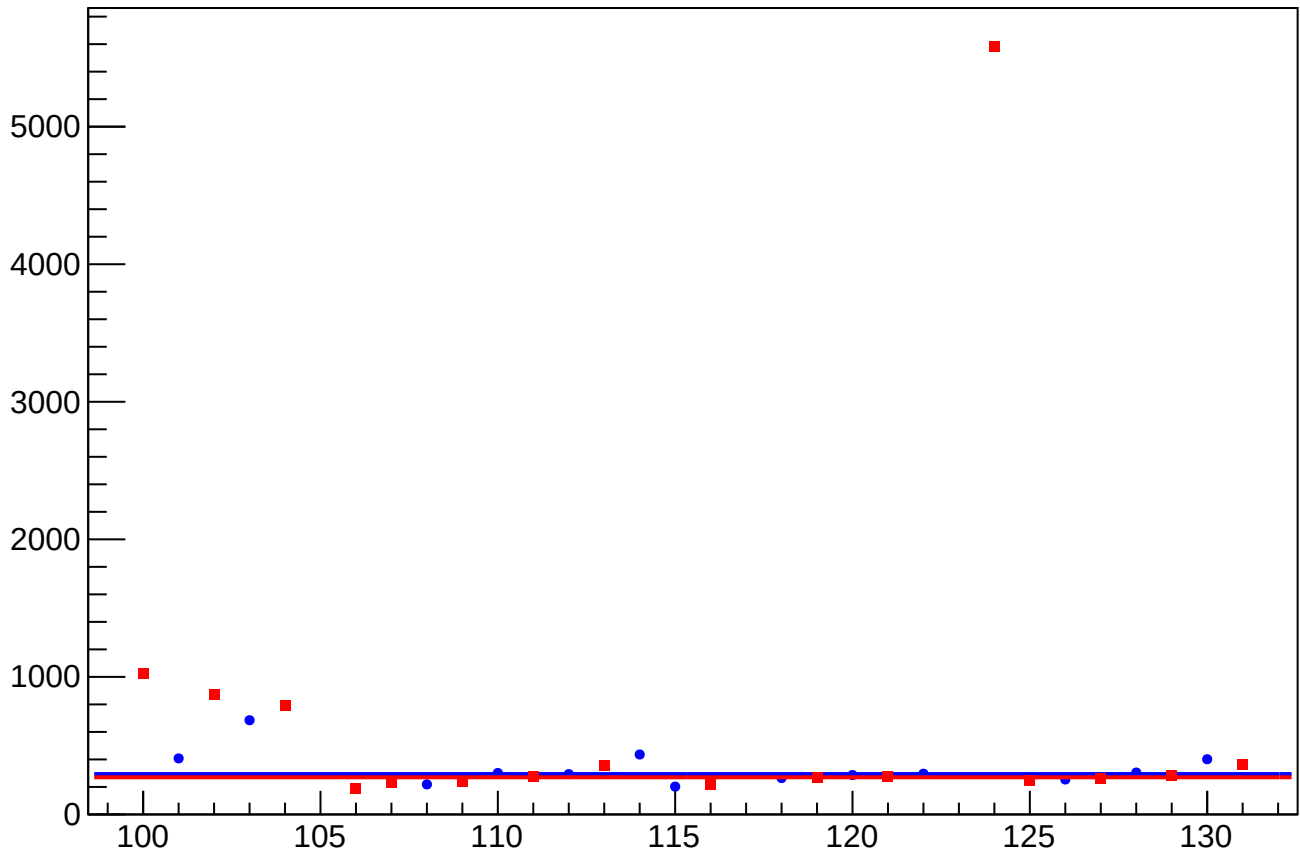
Right: 0.026 ± 0.089 χ^2/NDF : 32.9/28

In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.089 χ^2/NDF : 32.9/28

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.089+/-0.085 χ^2/NDF : 1363703.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

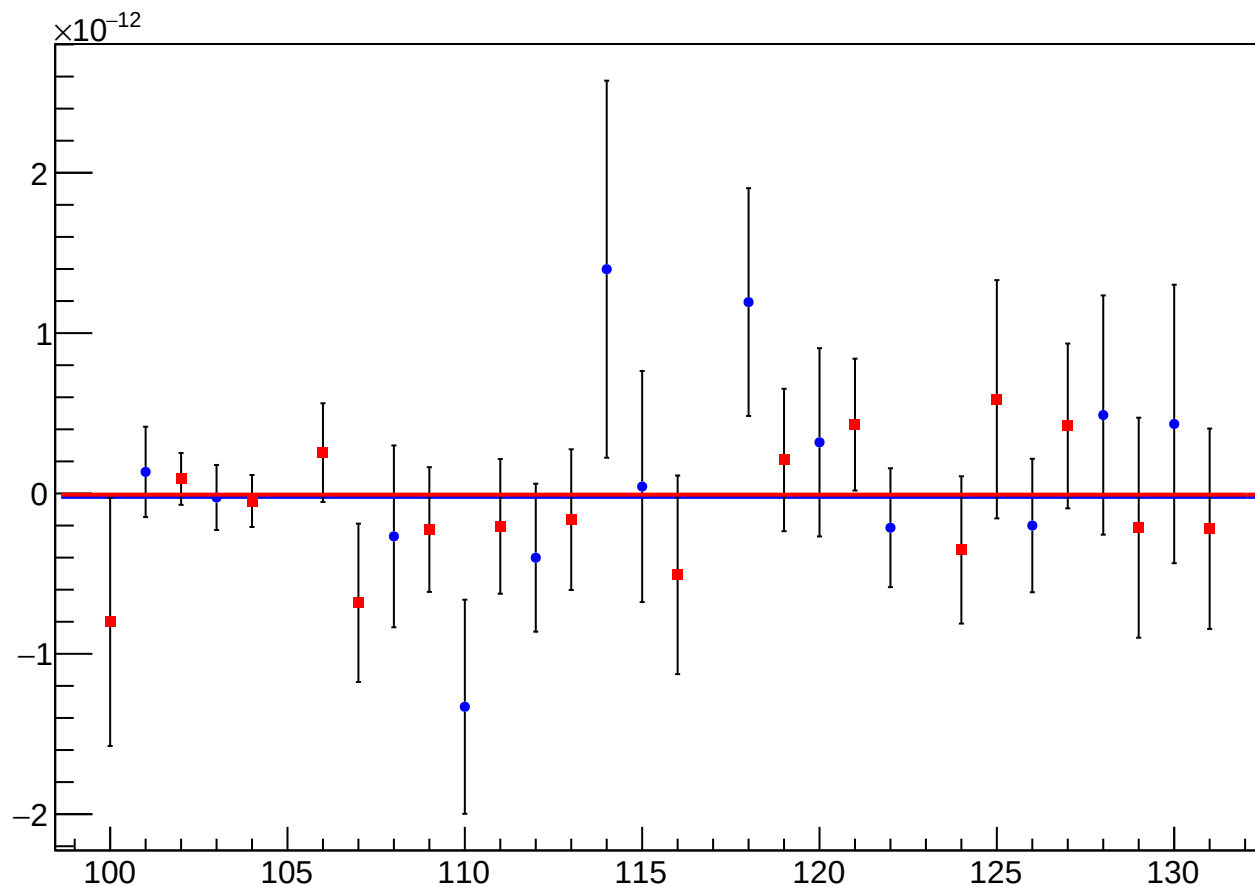
Right: 280.740+/-0.063 χ^2/NDF : 2142812.0/28

In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.740+/-0.063 χ^2/NDF : 2142812.0/28

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

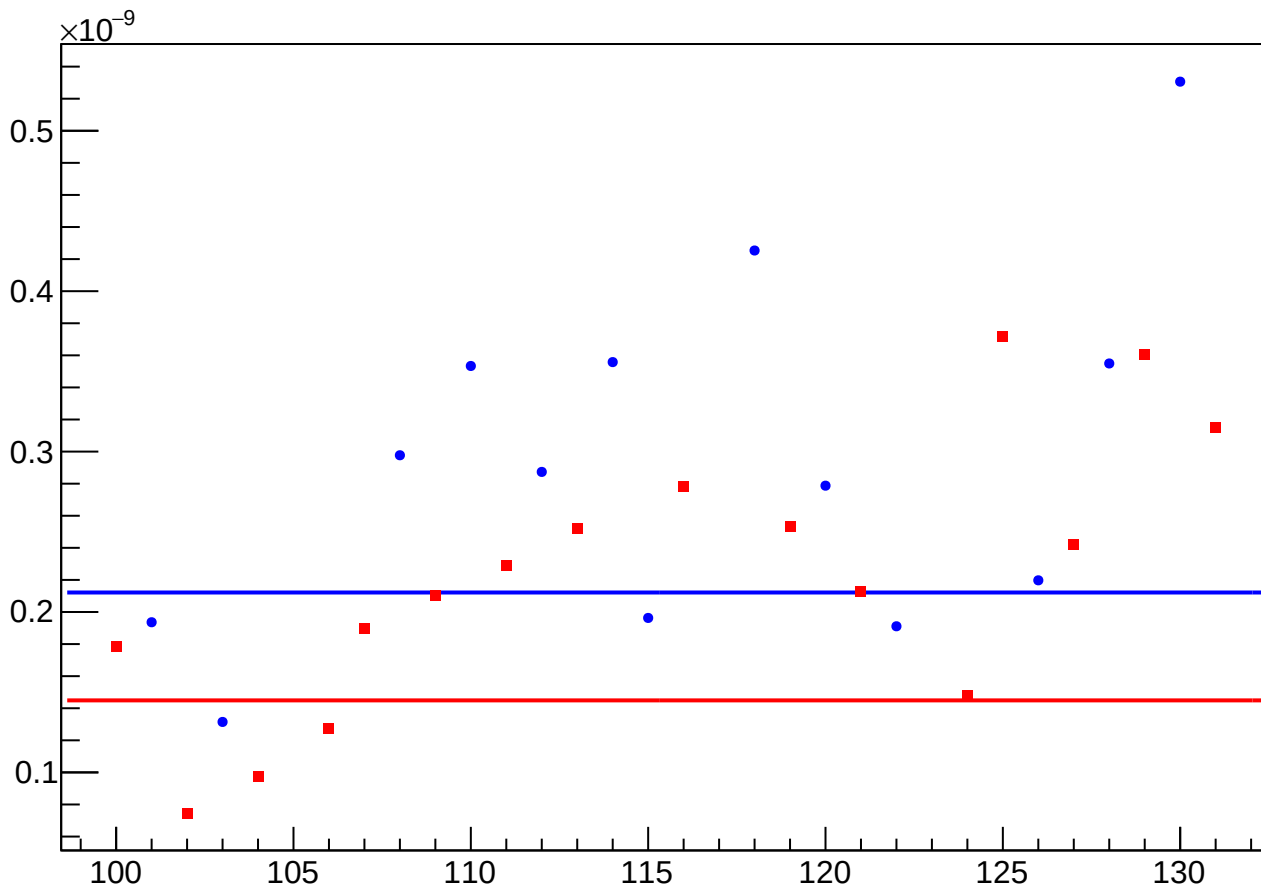
Right: -0.000+/-0.000 χ^2/NDF : 19.8/28

In: -0.000+/-0.000 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/28

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1099216.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1706289.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

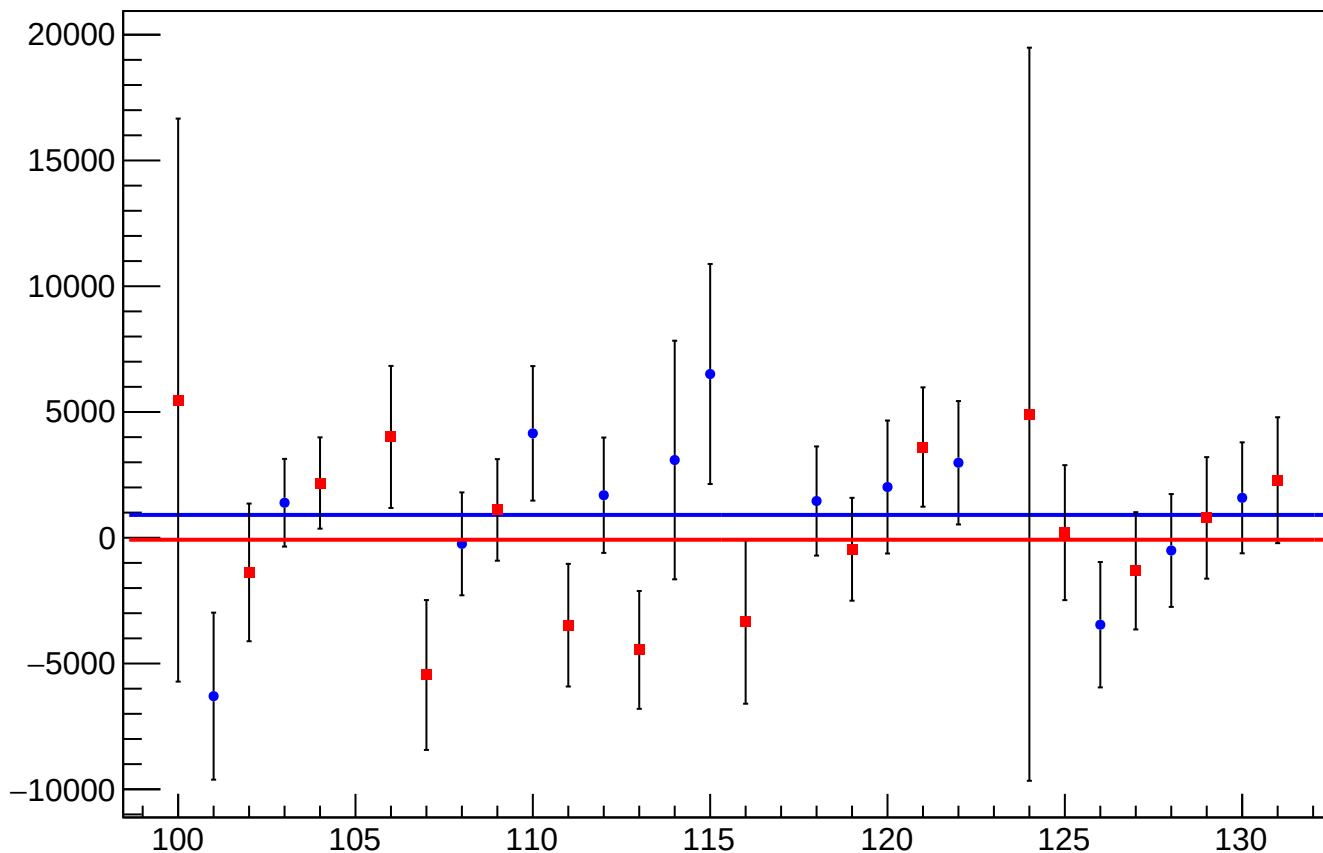
Right: 0.000+/-0.000 χ^2/NDF : 3229002.1/28

In: 0.000+/-0.000 χ^2/NDF : 1099216.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3229002.1/28

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 907.879+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.669+/-639.021 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

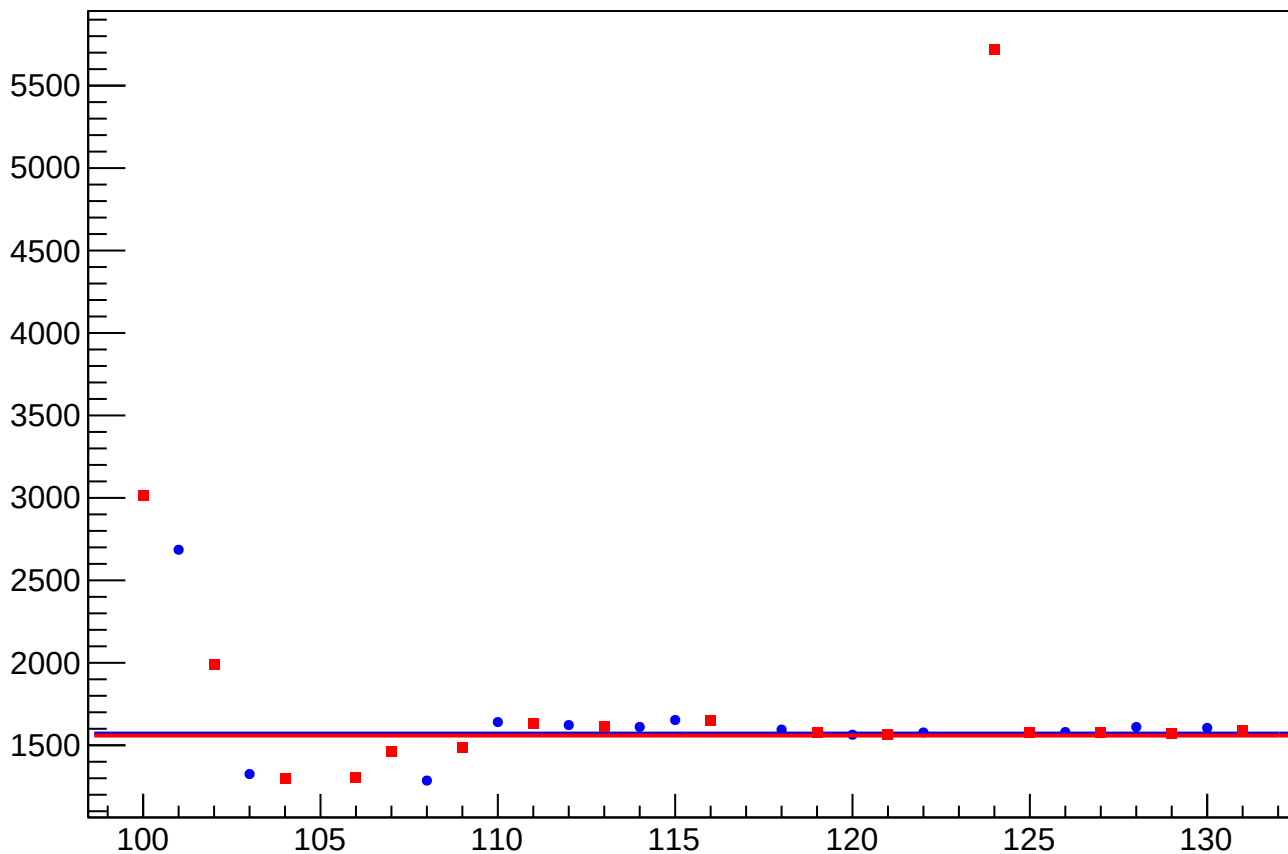
Right: 385.093+/-465.176 χ^2/NDF : 32.2/28

In: 907.879+/-678.467 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.093+/-465.176 χ^2/NDF : 32.2/28

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

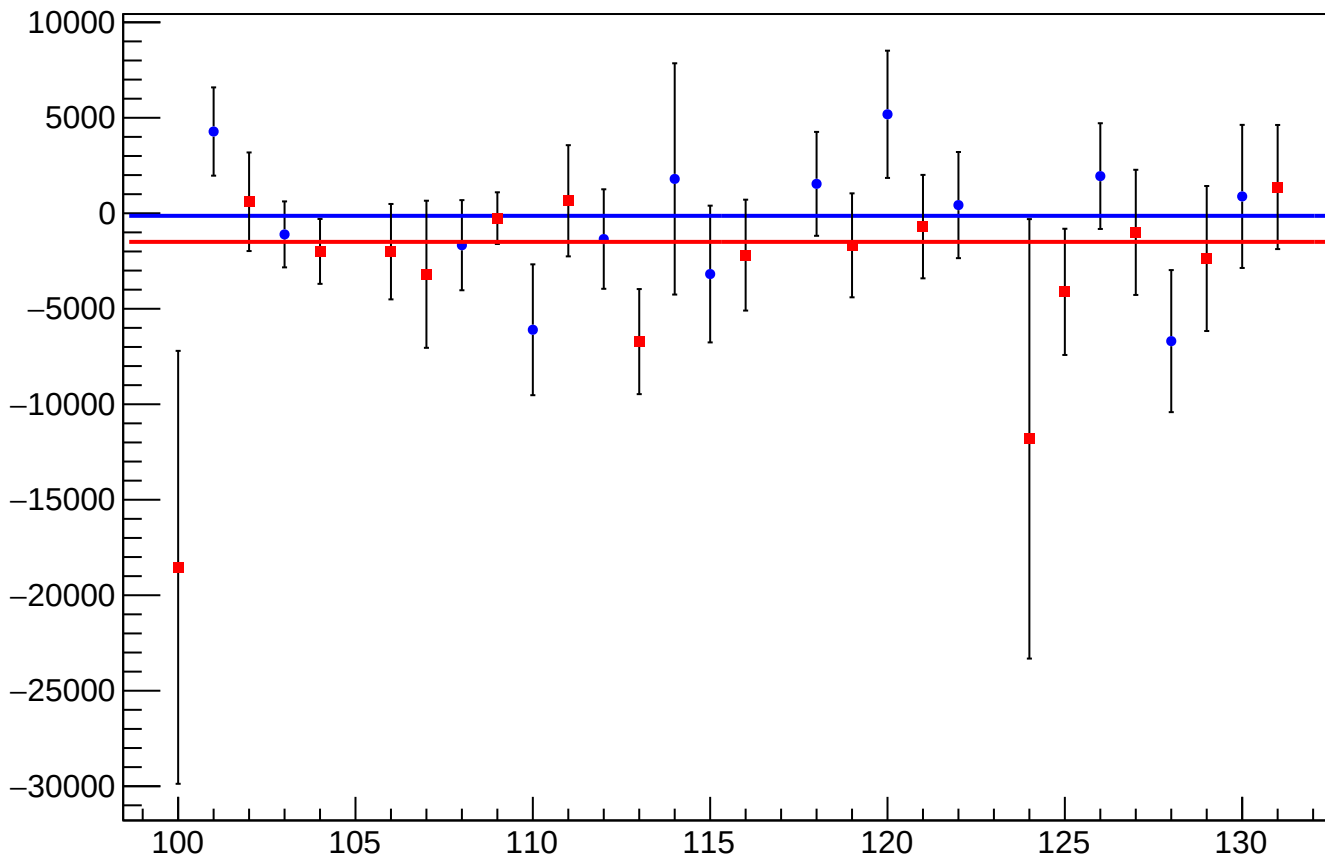
Right: 1564.550+/-0.329 χ^2/NDF : 621901.5/28

In: 1570.823+/-0.480 χ^2/NDF : 308597.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.550+/-0.329 χ^2/NDF : 621901.5/28

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -133.461+/-774.211 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1497.318+/-662.910 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

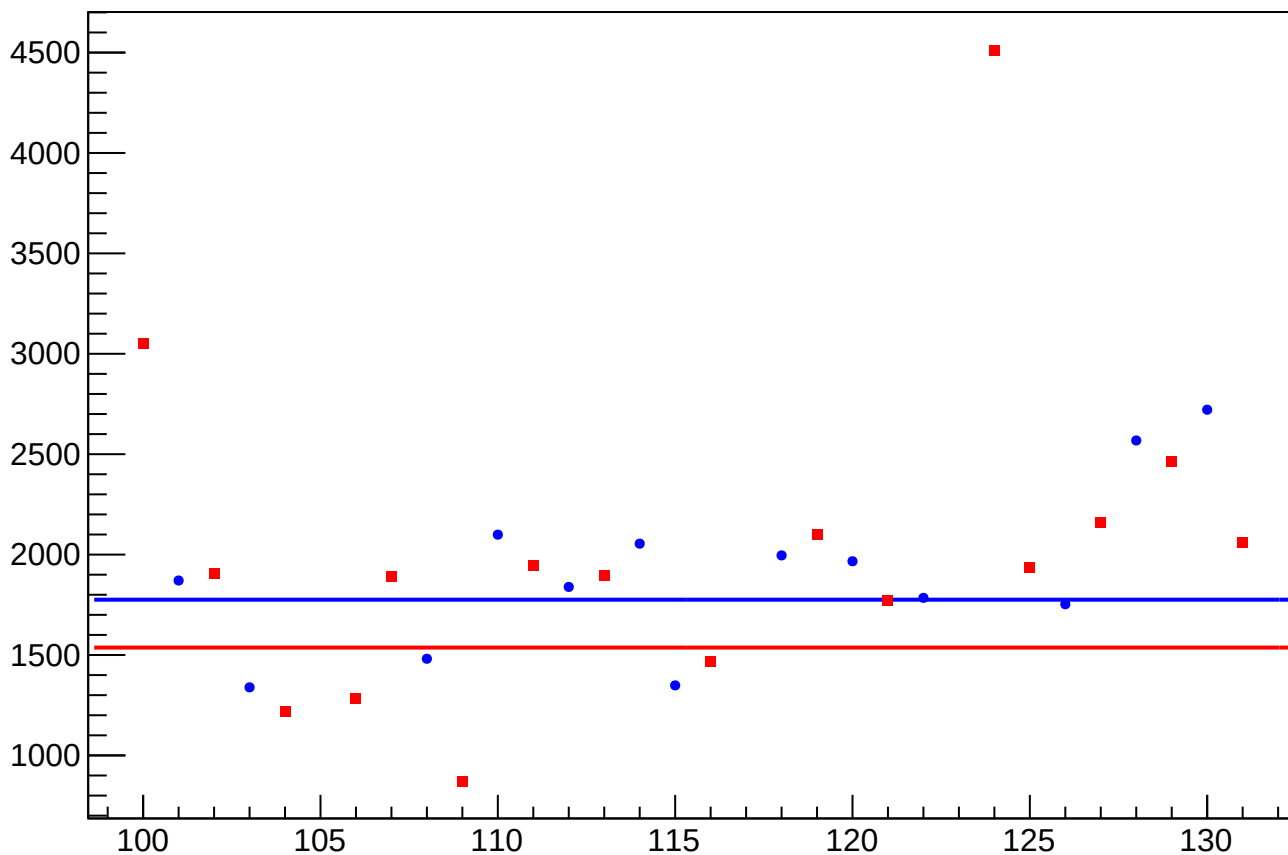
Right: -920.387+/-503.543 χ^2/NDF : 27.6/28

In: -133.461+/-774.211 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -920.387+/-503.543 χ^2/NDF : 27.6/28

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1775.524+/-0.547 χ^2/NDF : 452176.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1536.992+/-0.469 χ^2/NDF : 1251573.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

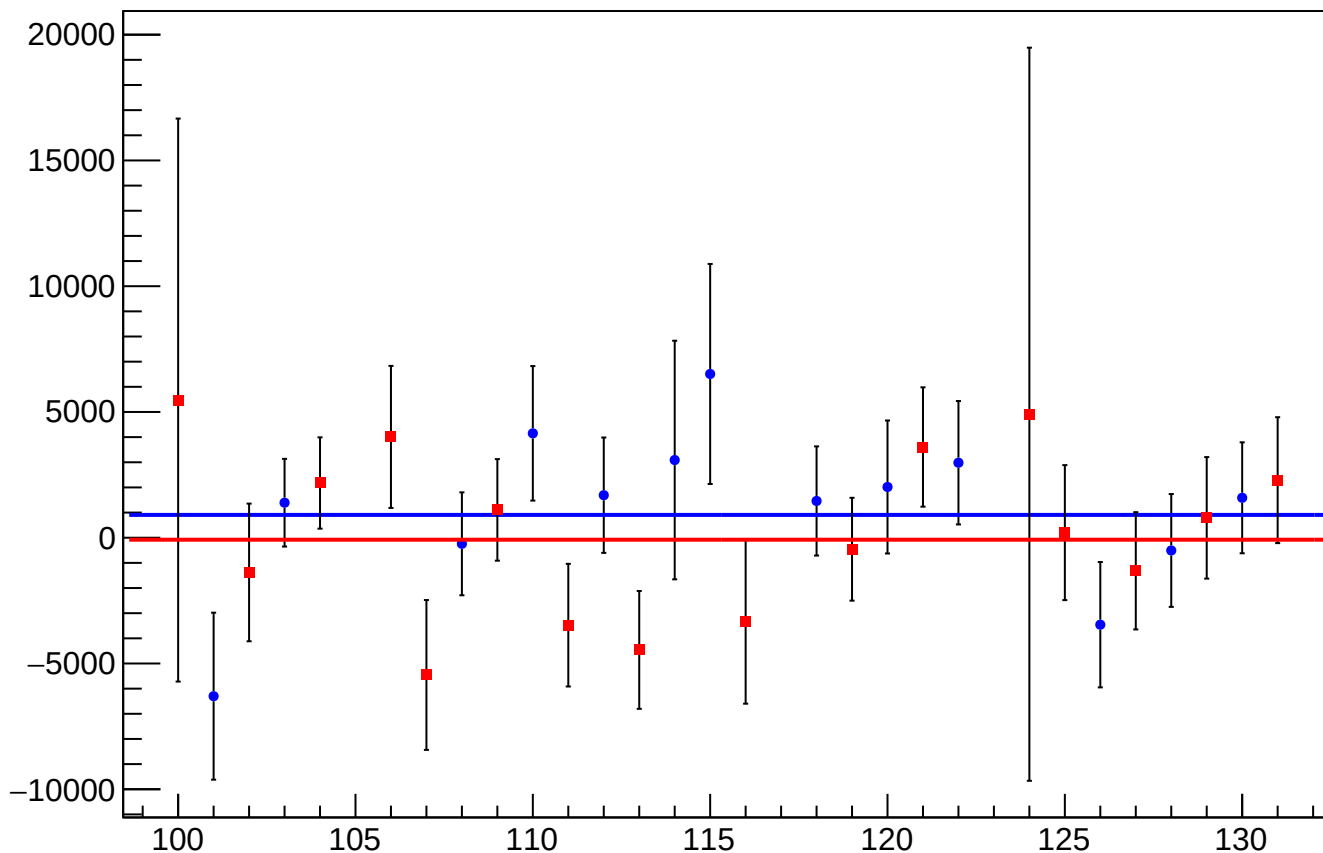
Right: 1637.894+/-0.356 χ^2/NDF : 1813288.4/28

In: 1775.524+/-0.547 χ^2/NDF :452176.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1637.894+/-0.356 χ^2/NDF : 1813288.4/28

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.916+/-639.021 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

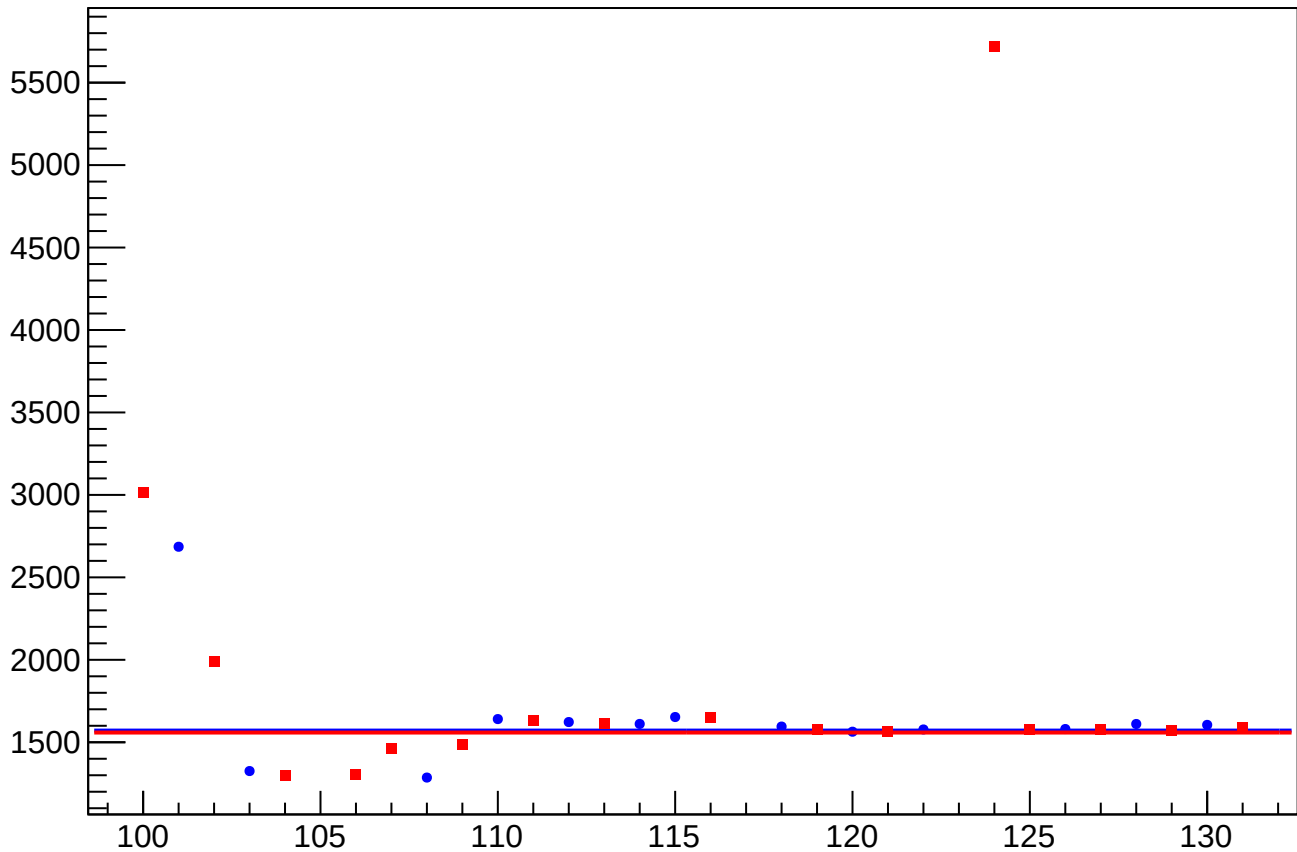
Right: 384.889+/-465.176 χ^2/NDF : 32.2/28

In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.889+/-465.176 χ^2/NDF : 32.2/28

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

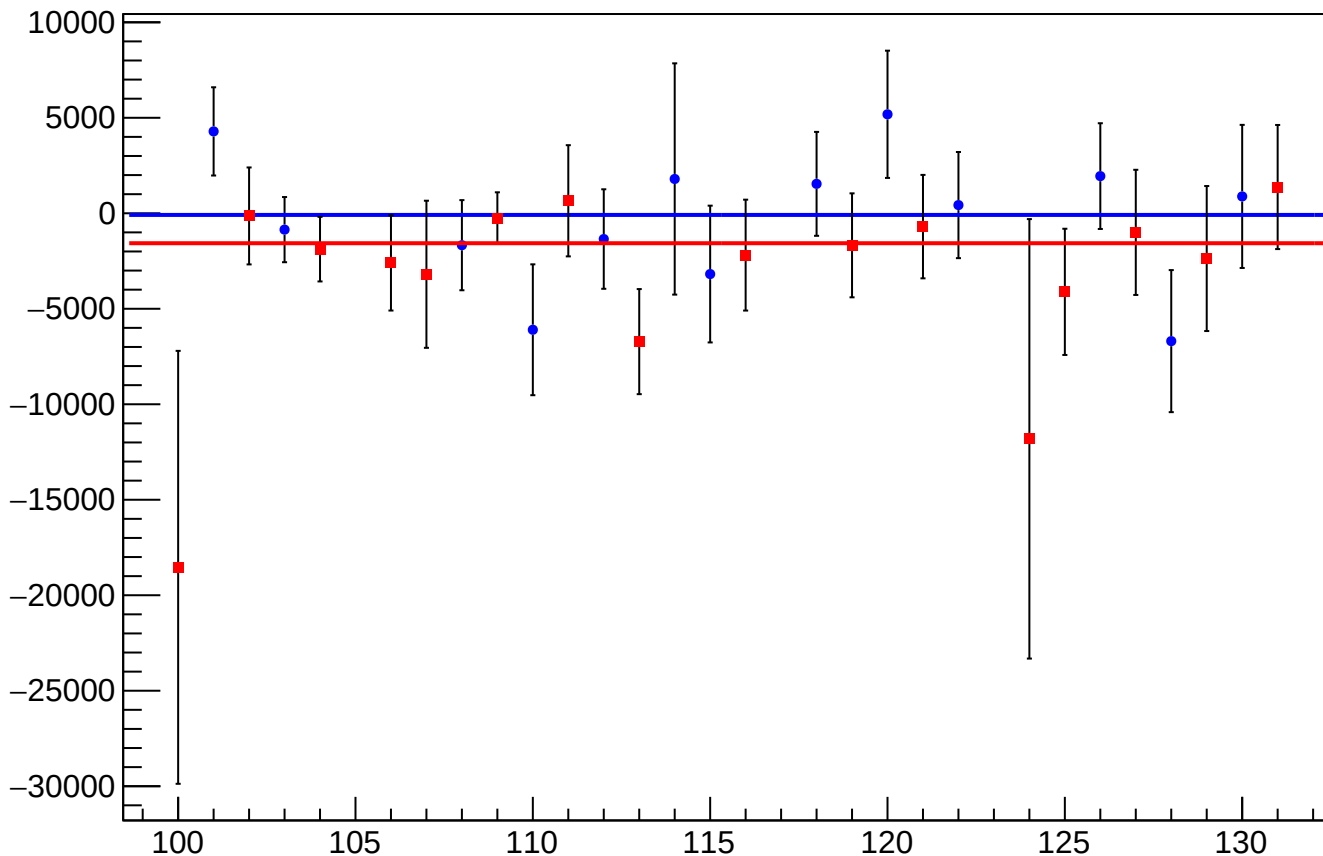
Right: 1564.549+/-0.329 χ^2/NDF : 621901.5/28

In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.549+/-0.329 χ^2/NDF : 621901.5/28

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -86.145 ± 772.244 χ^2/NDF : 15.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1567.653 ± 661.614 χ^2/NDF : 10.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

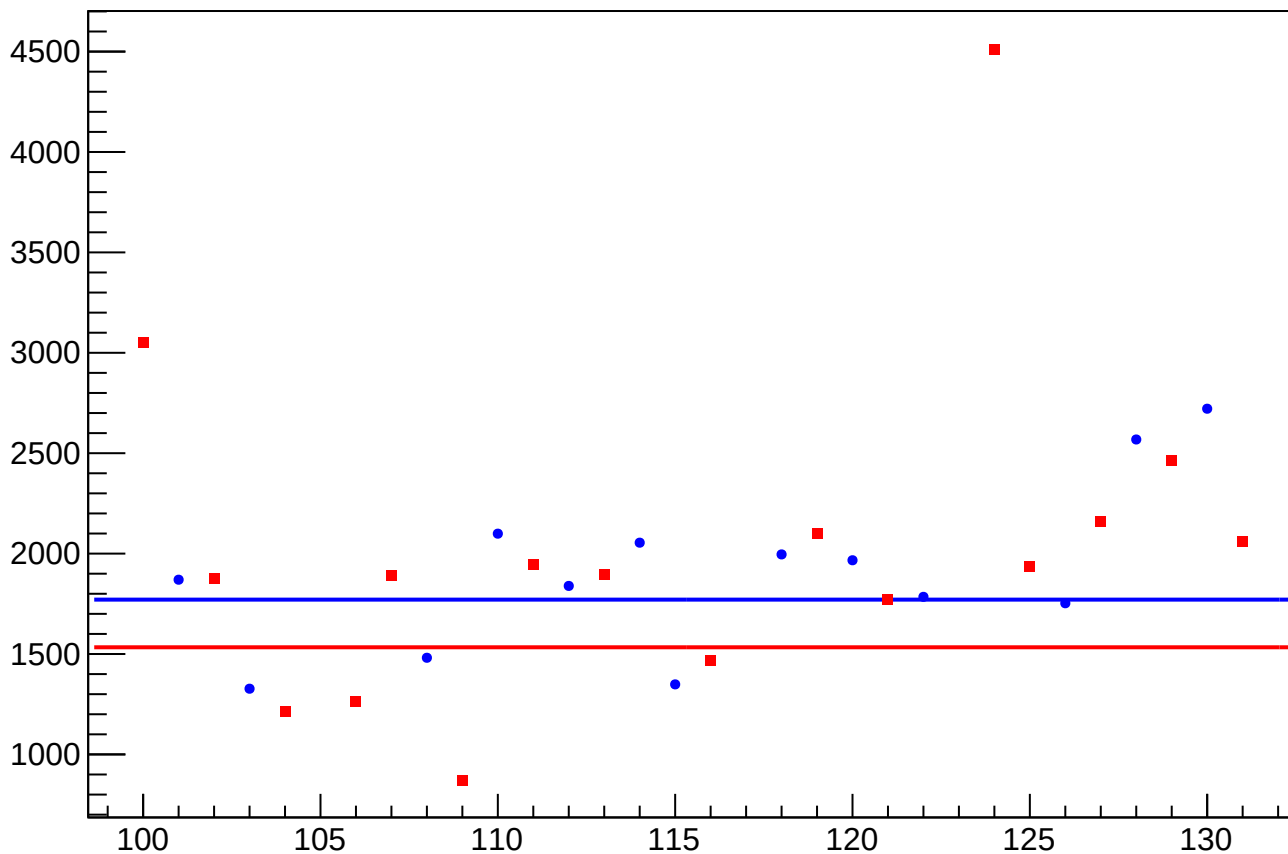
Right: -940.529 ± 502.434 χ^2/NDF : 27.6/28

In: -86.145 ± 772.244 χ^2/NDF : 15.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -940.529 ± 502.434 χ^2/NDF : 27.6/28

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.498+/-0.468 χ^2/NDF : 1251844.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

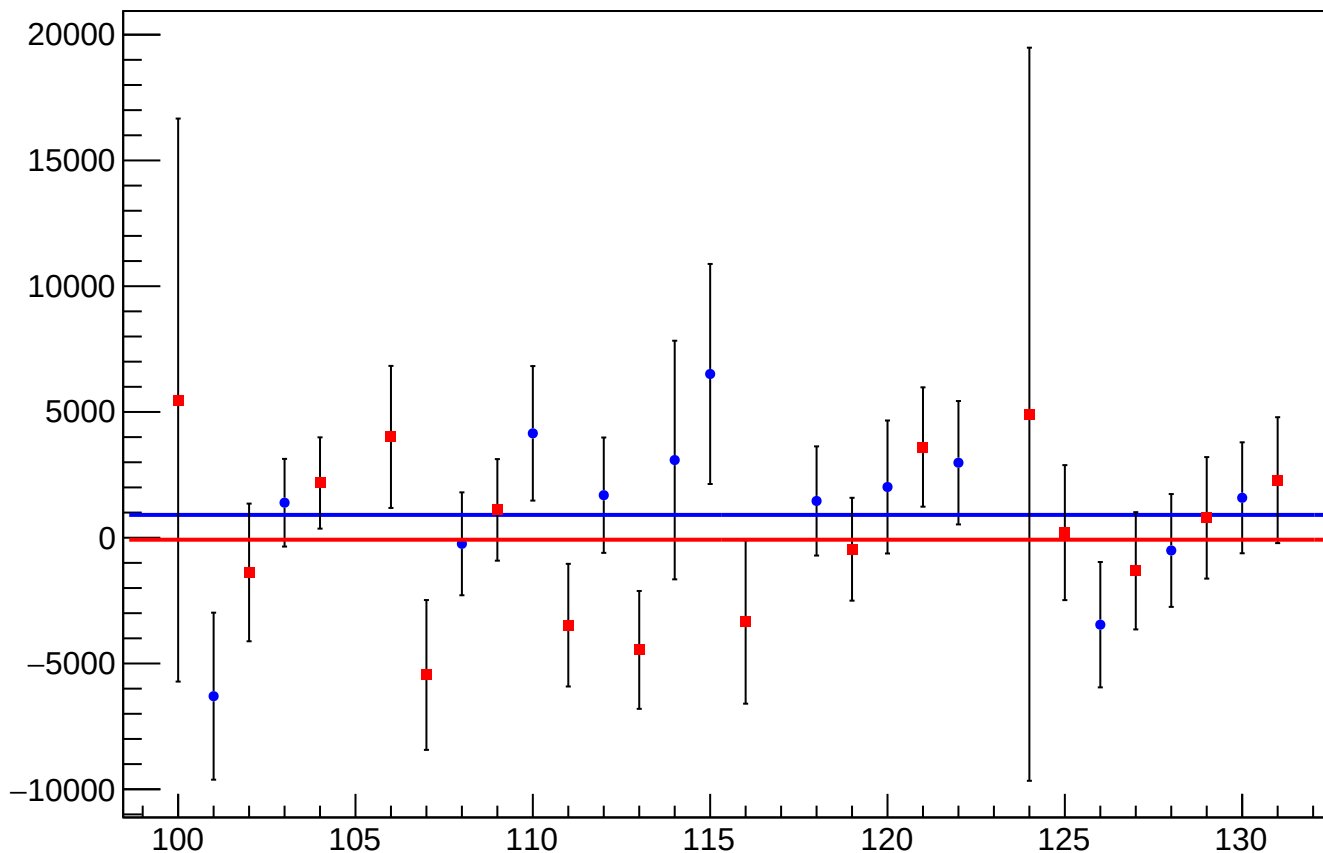
Right: 1633.968+/-0.355 χ^2/NDF : 1823172.5/28

In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.968+/-0.355 χ^2/NDF : 1823172.5/28

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.916+/-639.021 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

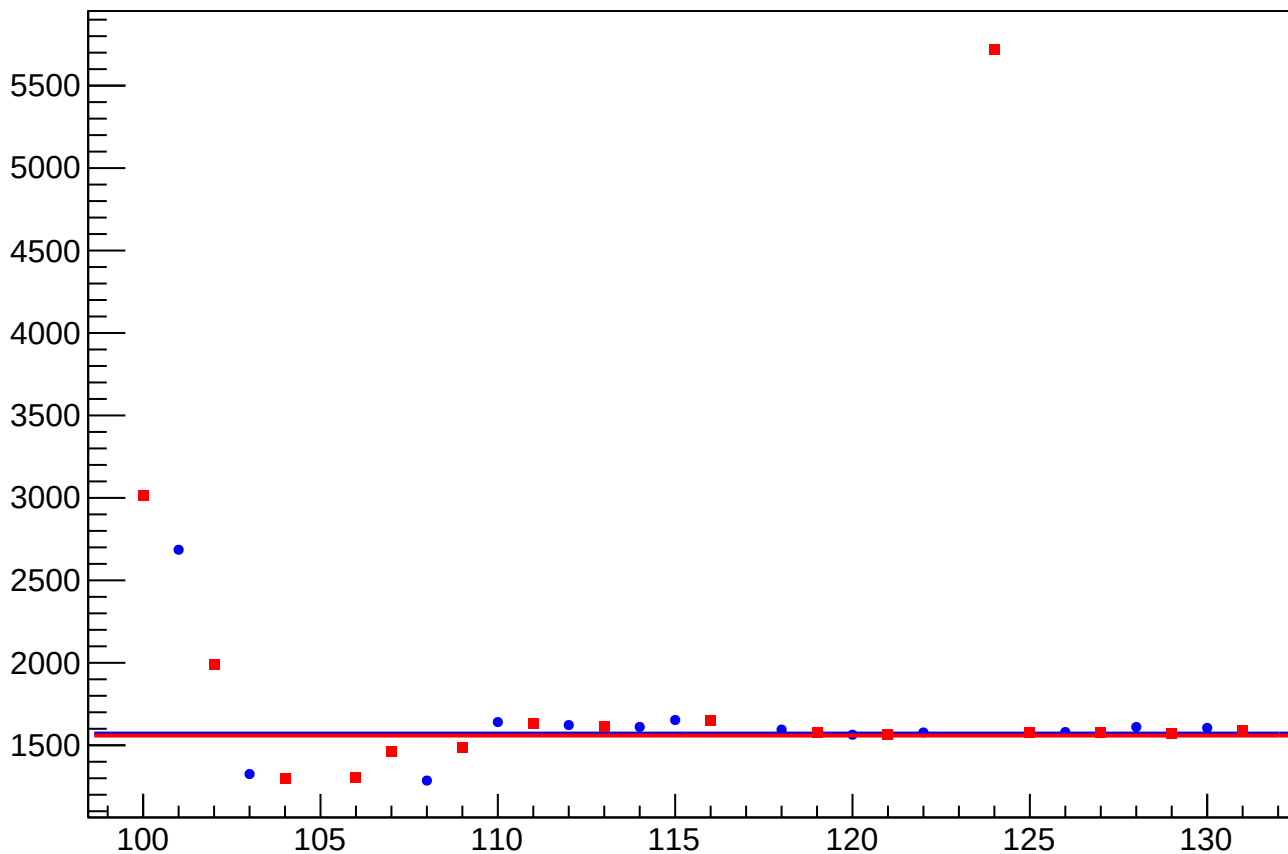
Right: 384.889+/-465.176 χ^2/NDF : 32.2/28

In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.889+/-465.176 χ^2/NDF : 32.2/28

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

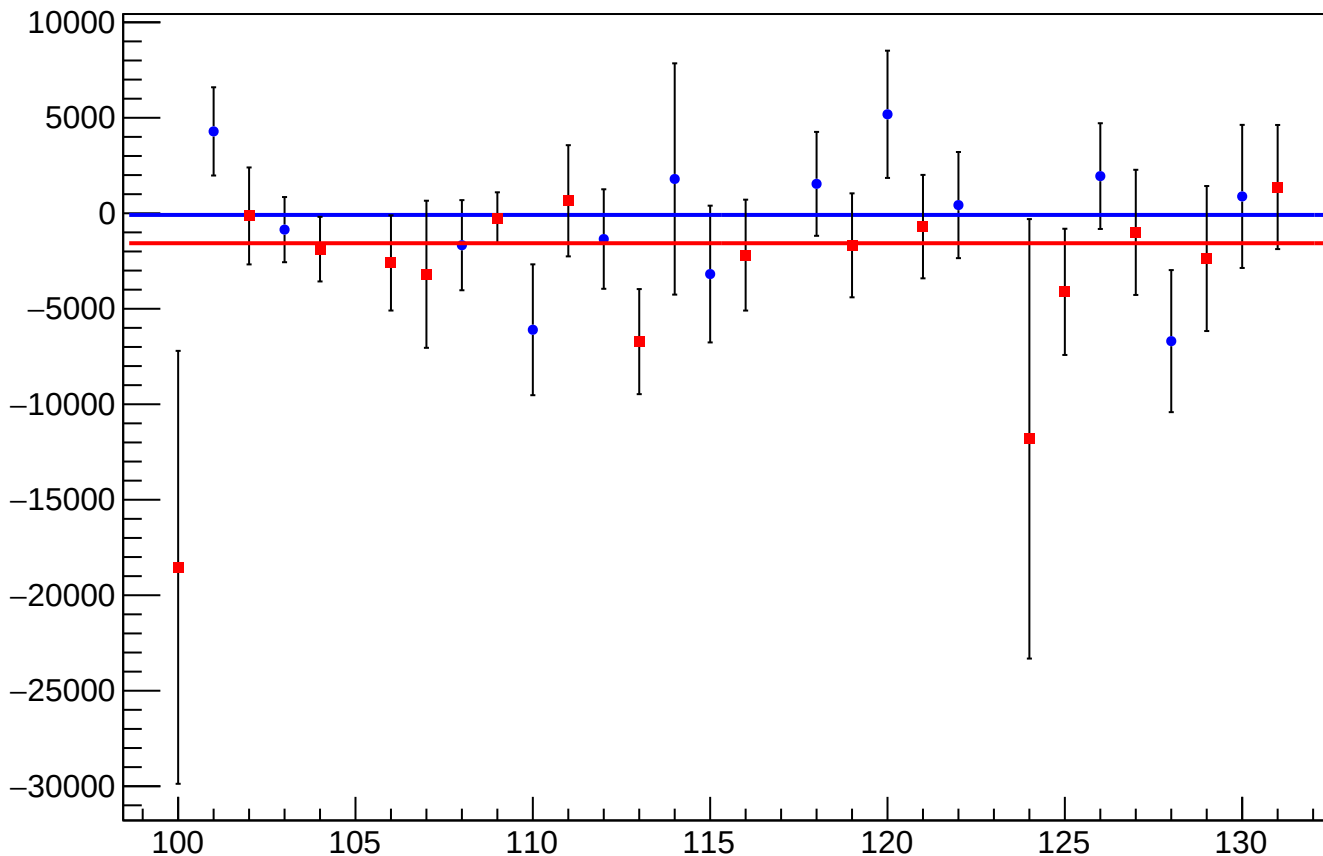
Right: 1564.549+/-0.329 χ^2/NDF : 621901.5/28

In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.549+/-0.329 χ^2/NDF : 621901.5/28

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1567.653+/-661.614 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

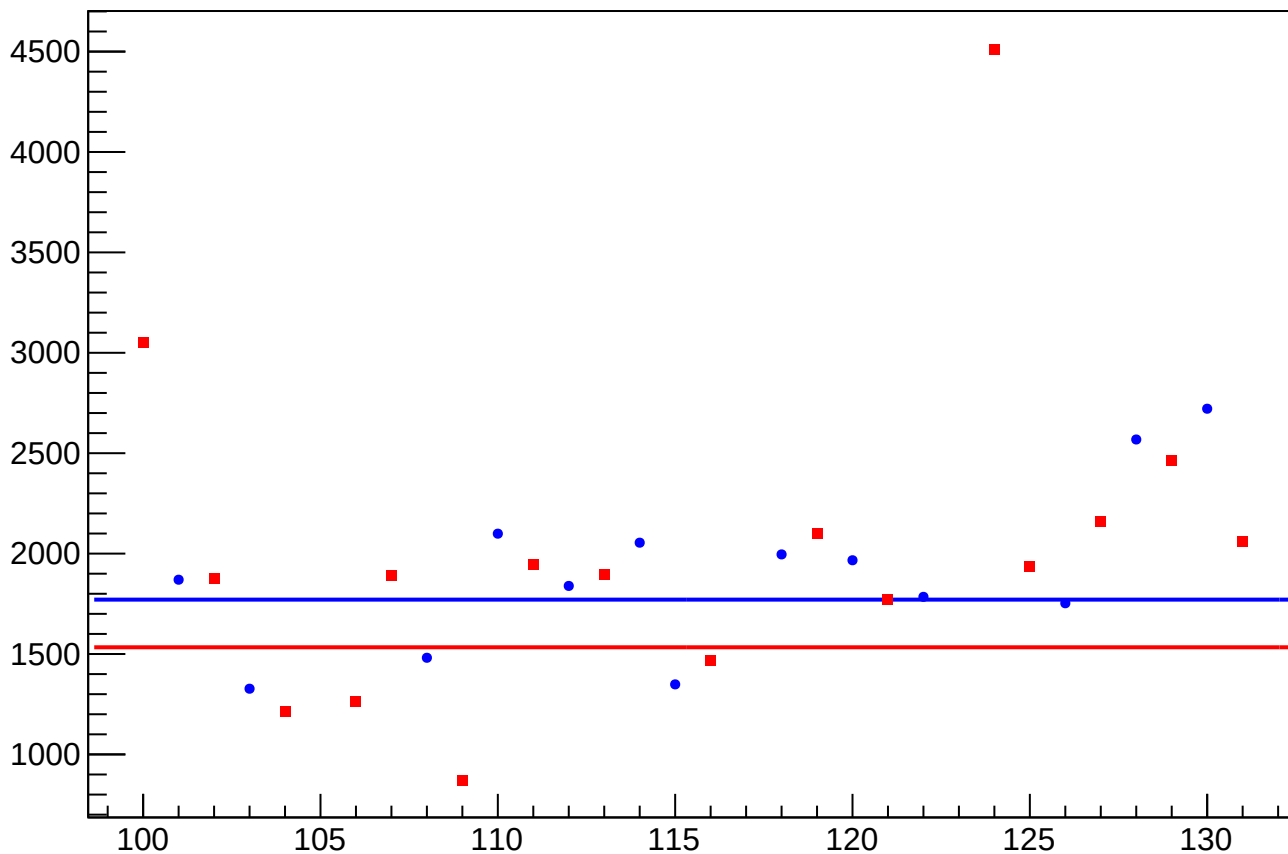
Right: -940.529+/-502.434 χ^2/NDF : 27.6/28

In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -940.529+/-502.434 χ^2/NDF : 27.6/28

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.498+/-0.468 χ^2/NDF : 1251844.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

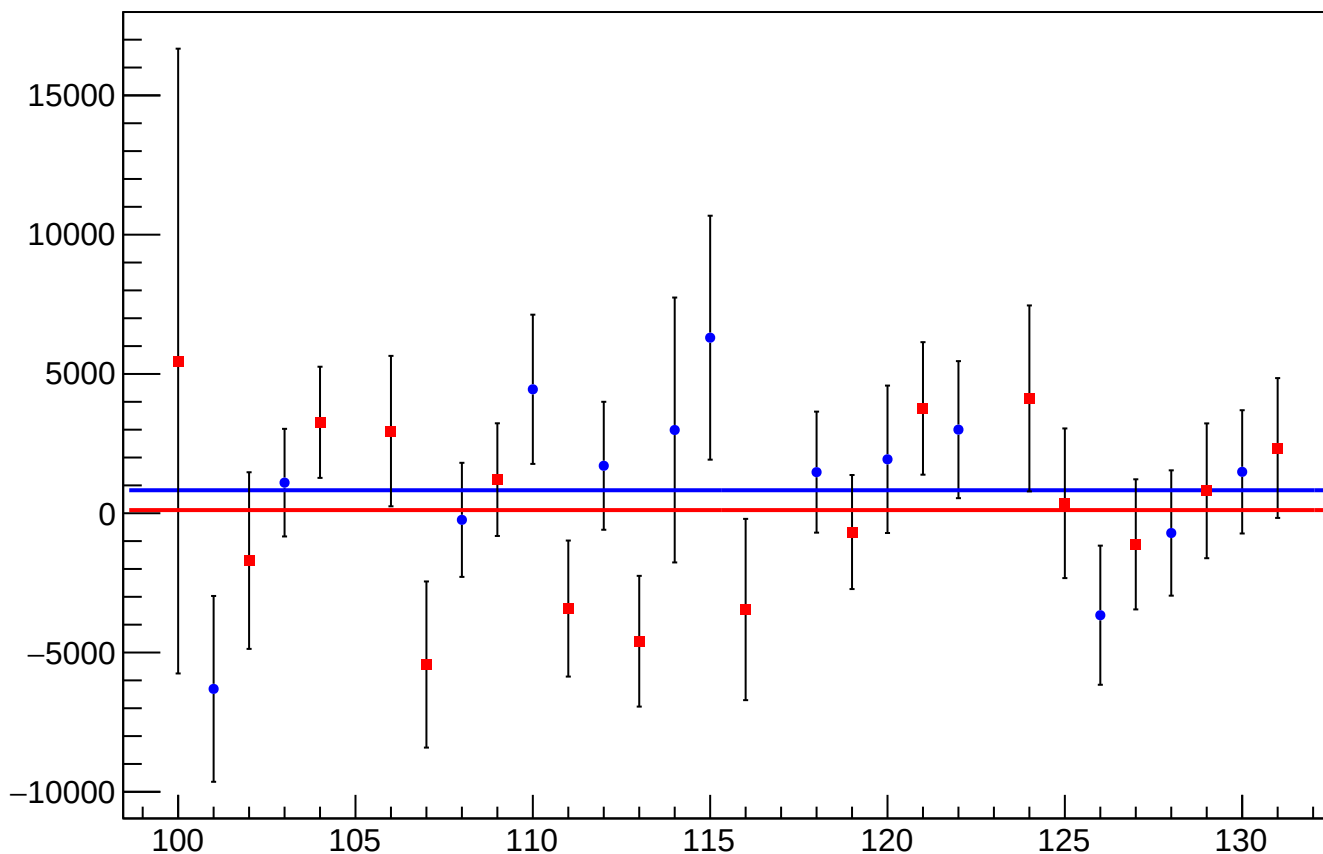
Right: 1633.968+/-0.355 χ^2/NDF : 1823172.5/28

In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.968+/-0.355 χ^2/NDF : 1823172.5/28

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 825.508 $\pm$ 689.391 χ^2 /NDF: 13.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.954 $\pm$ 638.486 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

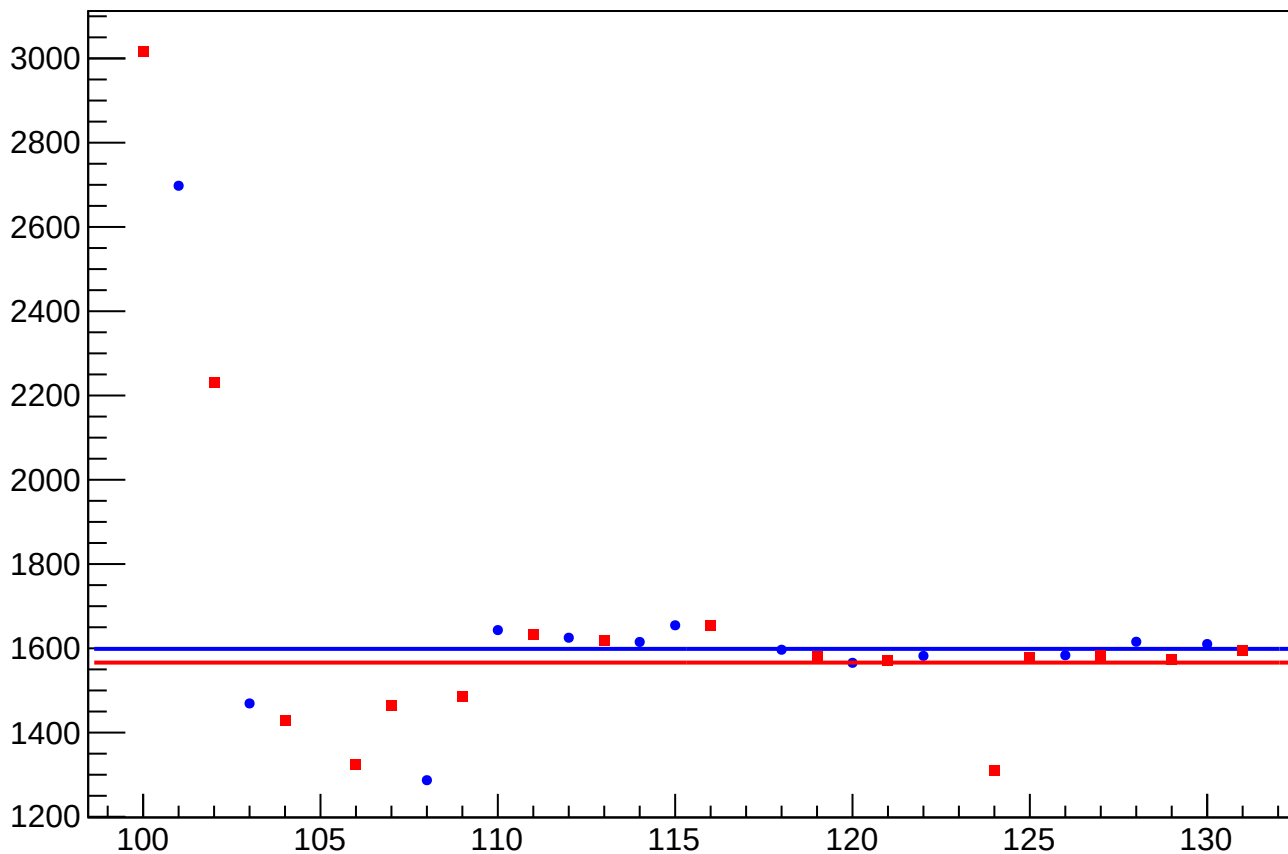
Right: 441.955 $\pm$ 468.441 χ^2 /NDF: 34.3/28

In: 825.508 $\pm$ 689.391 χ^2 /NDF:13.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 441.955 $\pm$ 468.441 χ^2 /NDF: 34.3/28

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.688 $\pm$ 0.487 χ^2/NDF : 274308.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1566.137 $\pm$ 0.451 χ^2/NDF : 168180.3/15

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

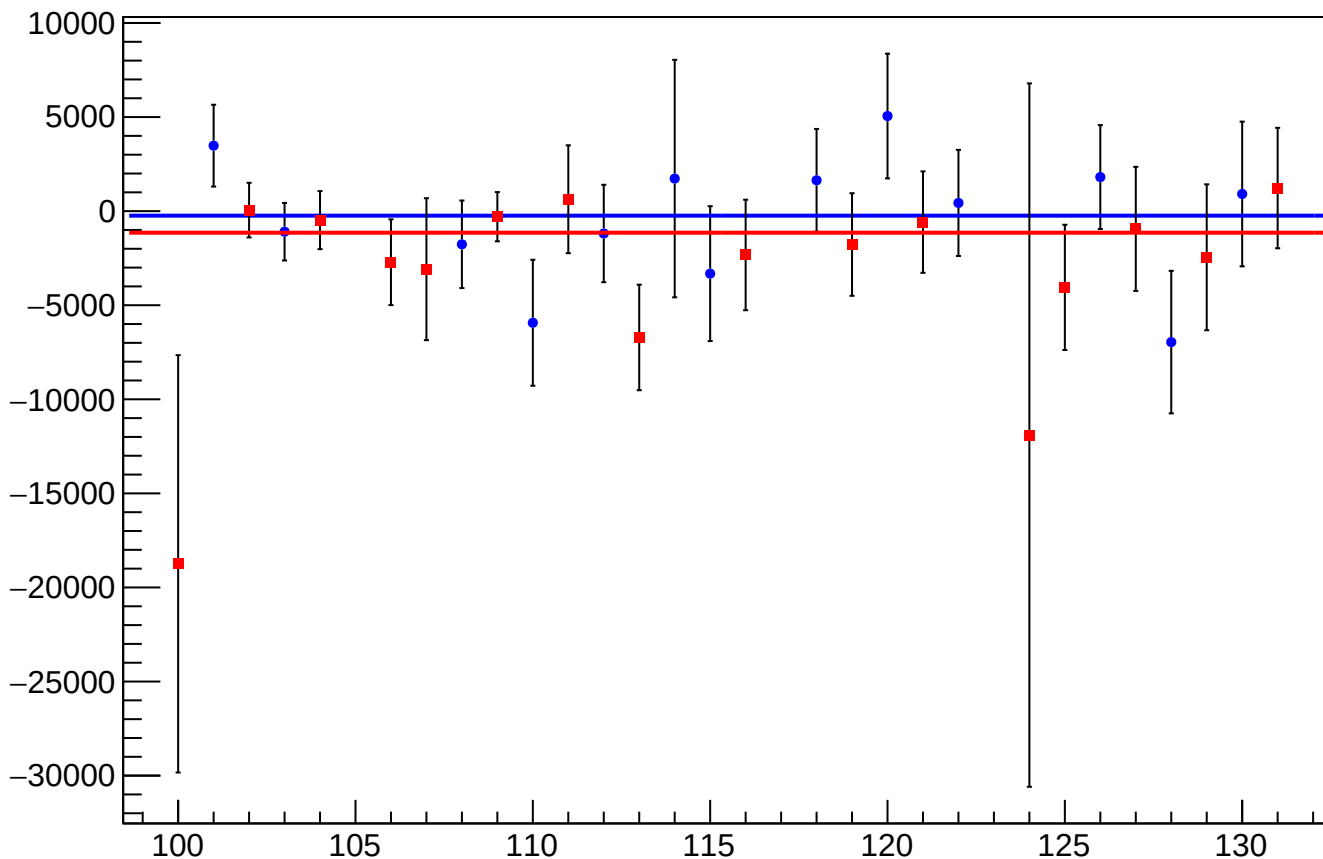
Right: 1581.166 $\pm$ 0.331 χ^2/NDF : 444888.7/28

In: 1598.688 $\pm$ 0.487 χ^2/NDF : 274308.3/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1581.166 $\pm$ 0.331 χ^2/NDF : 444888.7/28

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -240.759 ± 748.604 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1145.936 ± 604.593 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

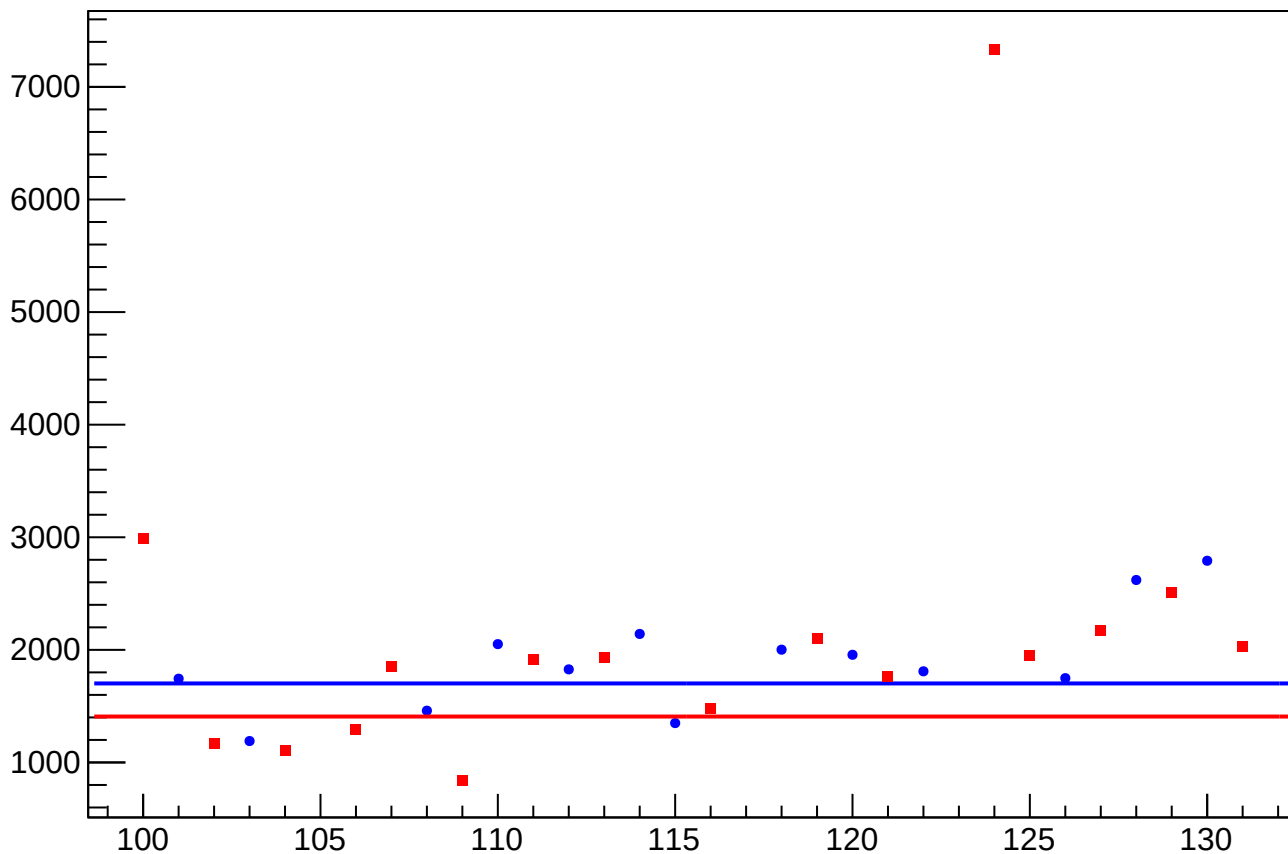
Right: -788.600 ± 470.353 χ^2/NDF : 26.2/28

In: -240.759 ± 748.604 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -788.600 ± 470.353 χ^2/NDF : 26.2/28

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1701.714+/-0.529 χ^2/NDF : 619208.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.793+/-0.428 χ^2/NDF : 1479110.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

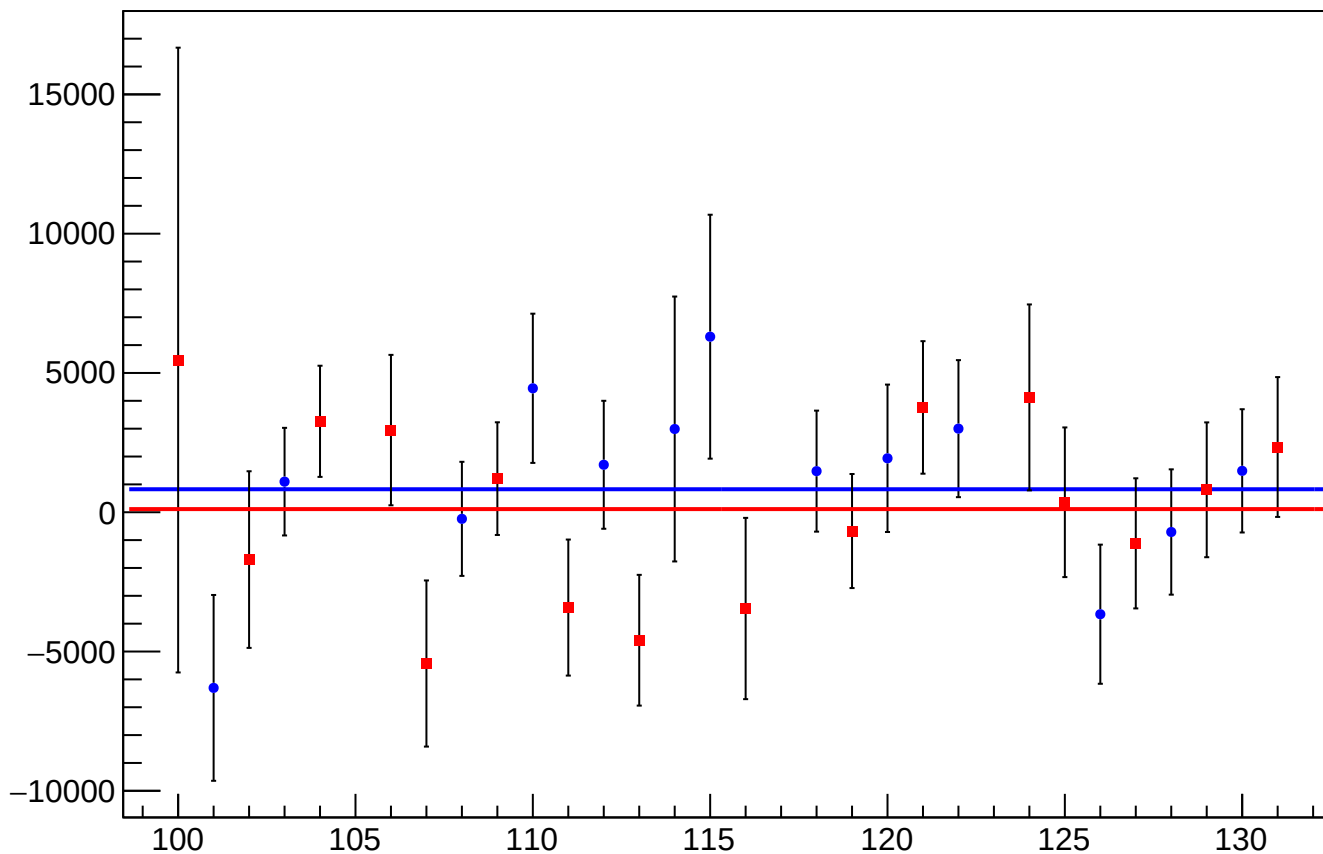
Right: 1523.824+/-0.333 χ^2/NDF : 2284918.5/28

In: 1701.714+/-0.529 χ^2/NDF : 619208.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.824+/-0.333 χ^2/NDF : 2284918.5/28

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 825.505 $\pm$ 689.391 χ^2 /NDF: 13.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.958 $\pm$ 638.486 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

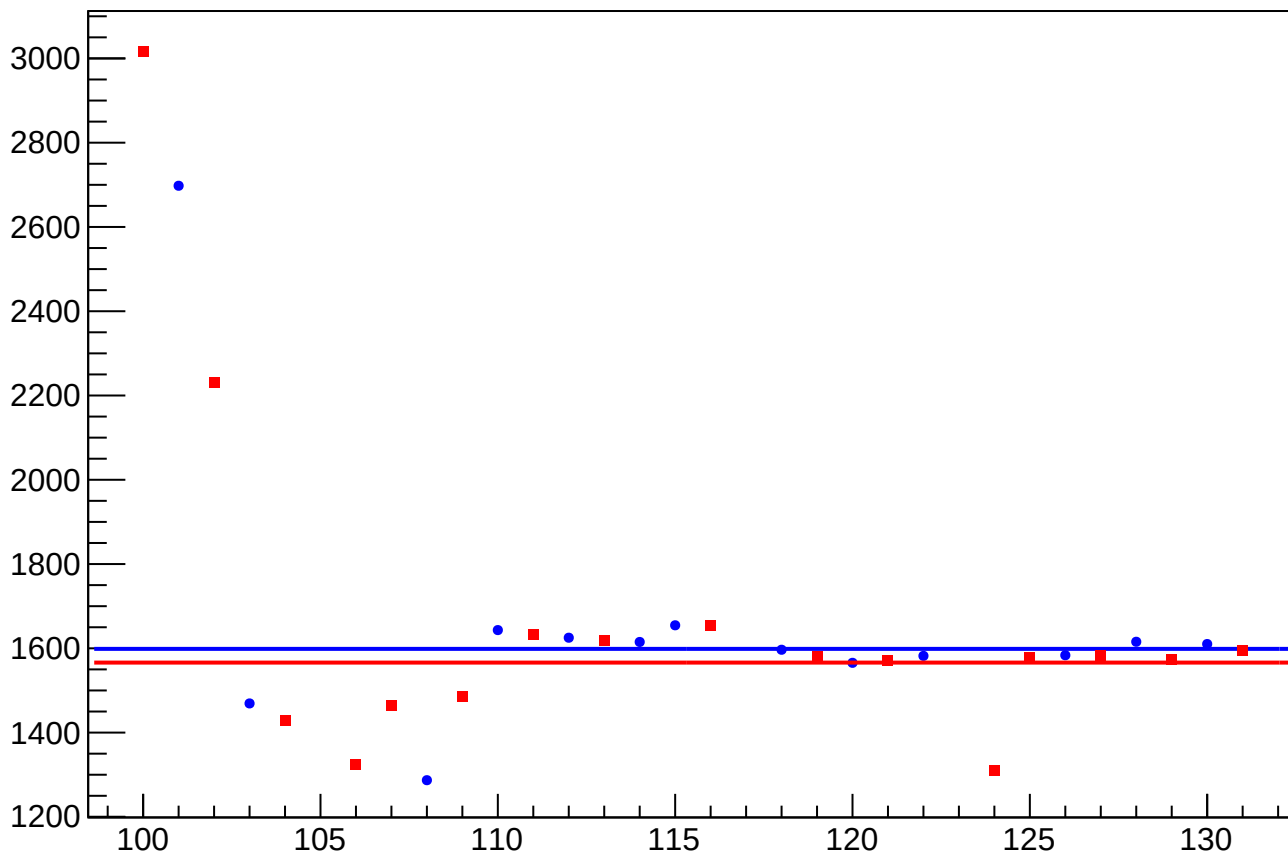
Right: 441.955 $\pm$ 468.441 χ^2 /NDF: 34.3/28

In: 825.505 $\pm$ 689.391 χ^2 /NDF:13.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 441.955 $\pm$ 468.441 χ^2 /NDF: 34.3/28

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.688 $\pm$ 0.487 χ^2 /NDF: 274308.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1566.137 $\pm$ 0.451 χ^2 /NDF: 168180.4/15

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

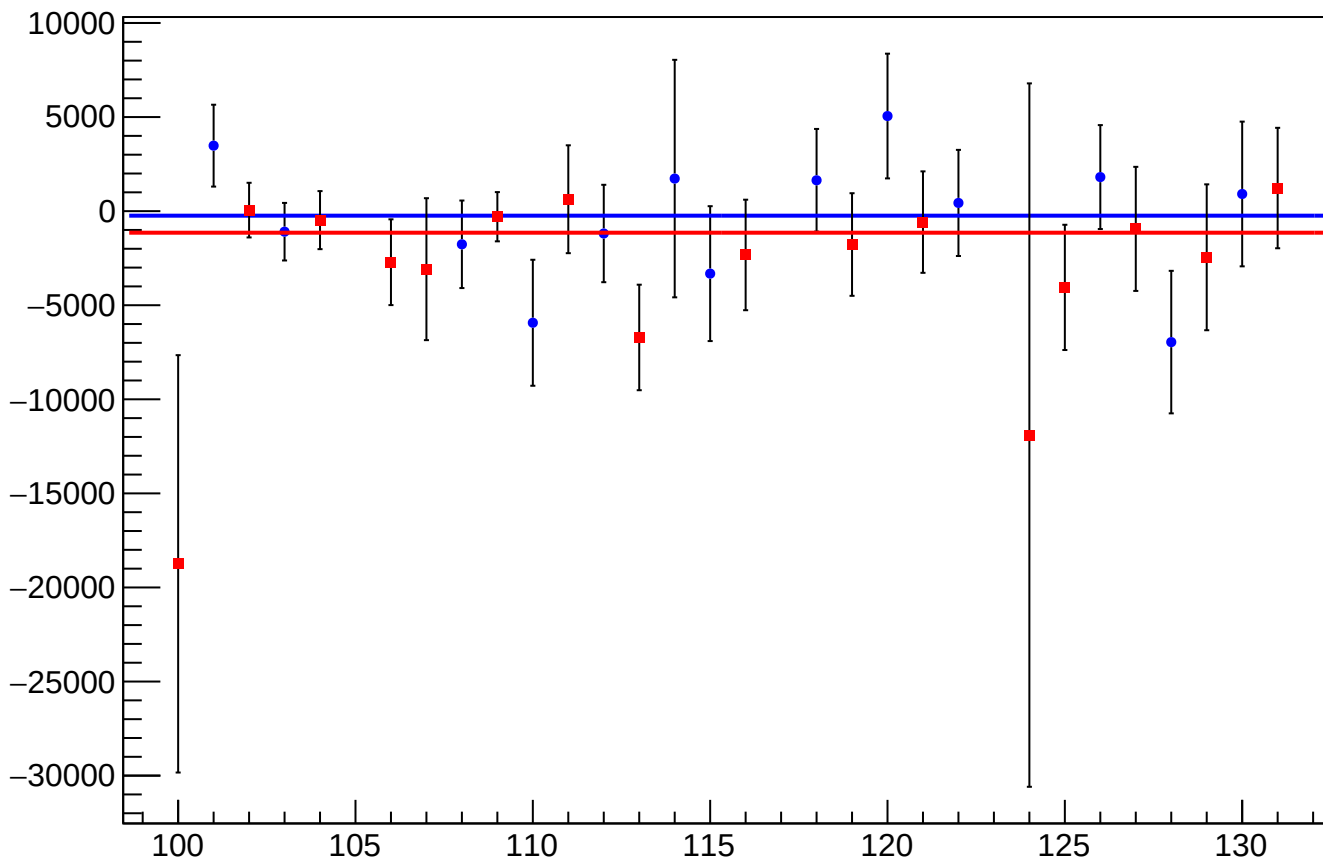
Right: 1581.166 $\pm$ 0.331 χ^2 /NDF: 444888.7/28

In: 1598.688 $\pm$ 0.487 χ^2 /NDF:274308.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1581.166 $\pm$ 0.331 χ^2 /NDF: 444888.7/28

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -240.759 ± 748.602 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1145.939 ± 604.594 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

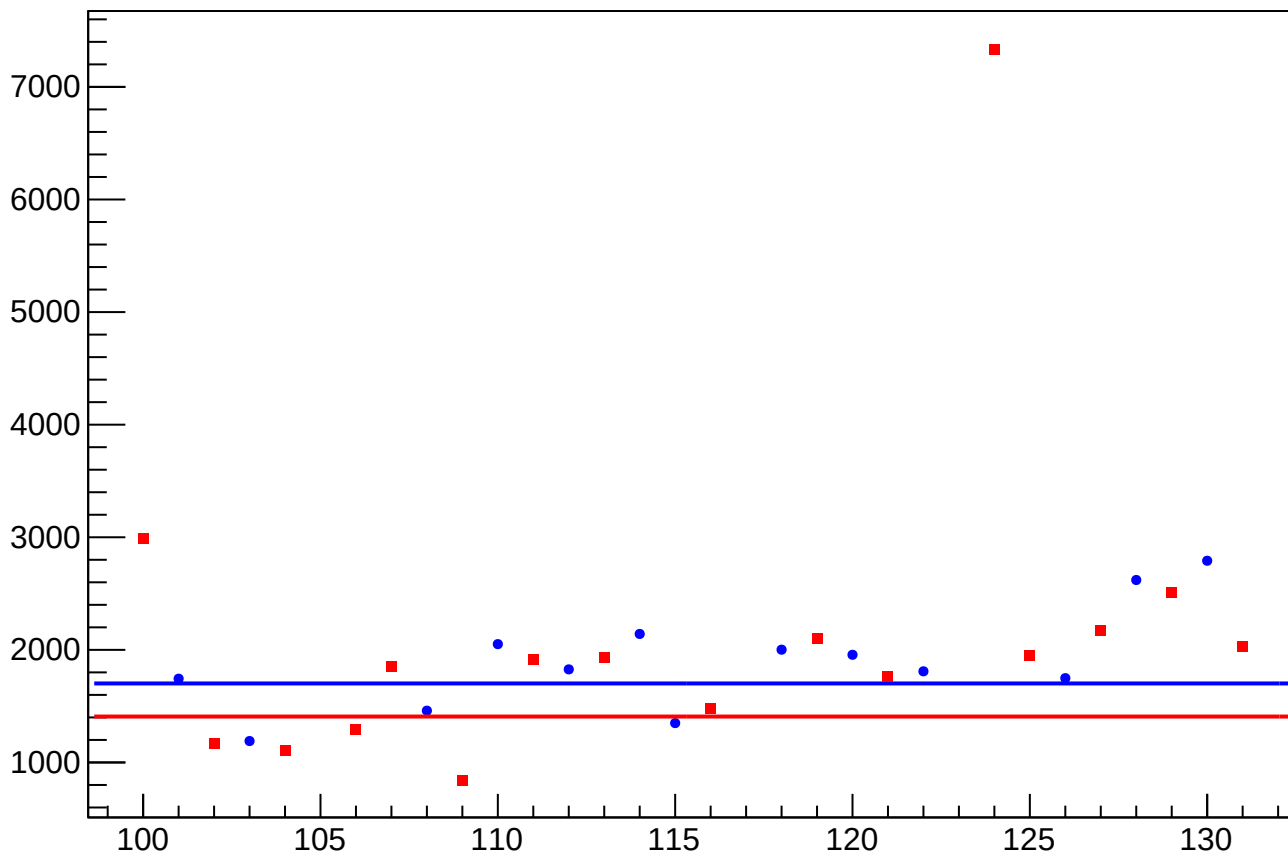
Right: -788.600 ± 470.353 χ^2/NDF : 26.2/28

In: -240.759 ± 748.602 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -788.600 ± 470.353 χ^2/NDF : 26.2/28

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1701.711+/-0.529 χ^2/NDF : 619199.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.798+/-0.428 χ^2/NDF : 1479077.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

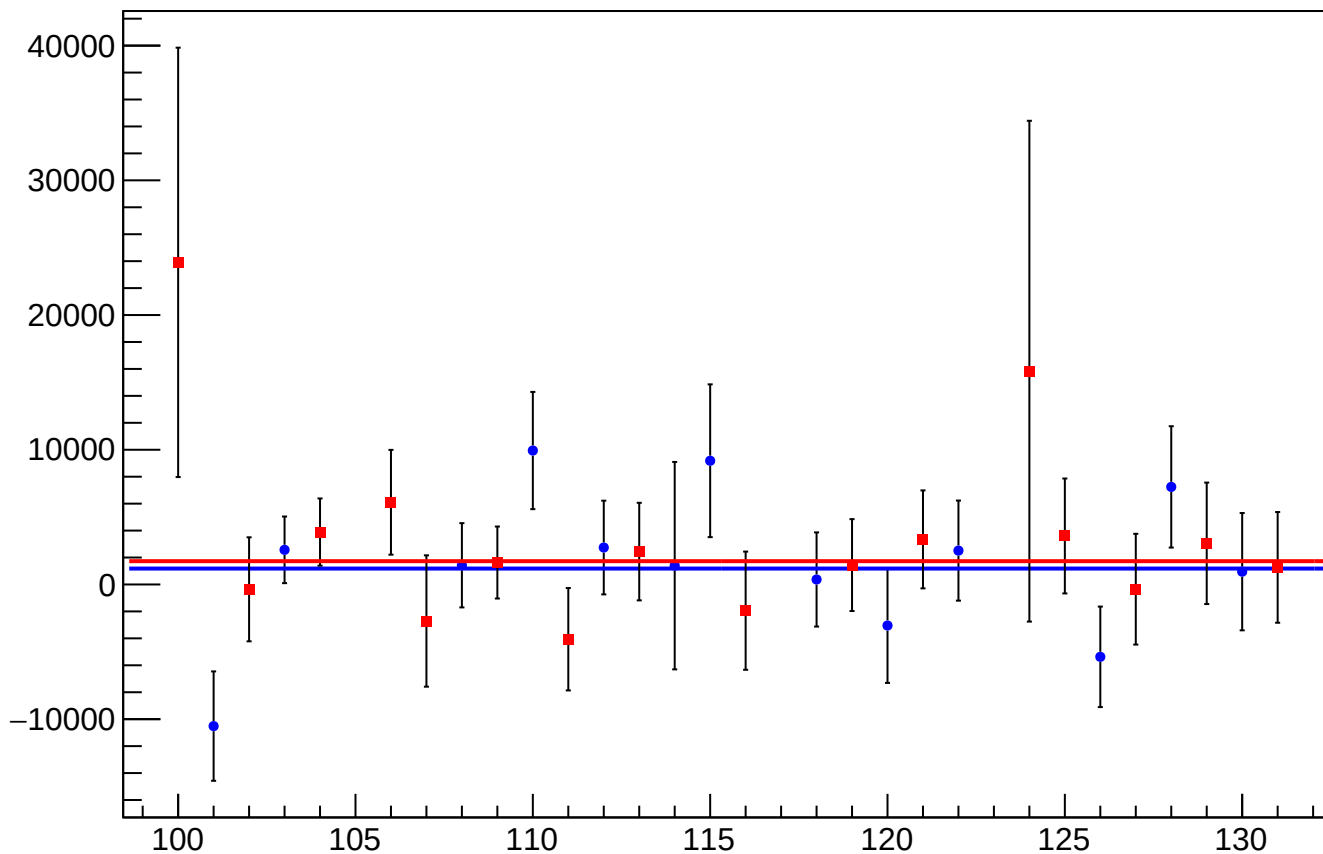
Right: 1523.826+/-0.333 χ^2/NDF : 2284866.3/28

In: 1701.711+/-0.529 χ^2/NDF : 619199.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.826+/-0.333 χ^2/NDF : 2284866.3/28

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1180.771+/-1058.155 χ^2/NDF : 20.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.569+/-969.312 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

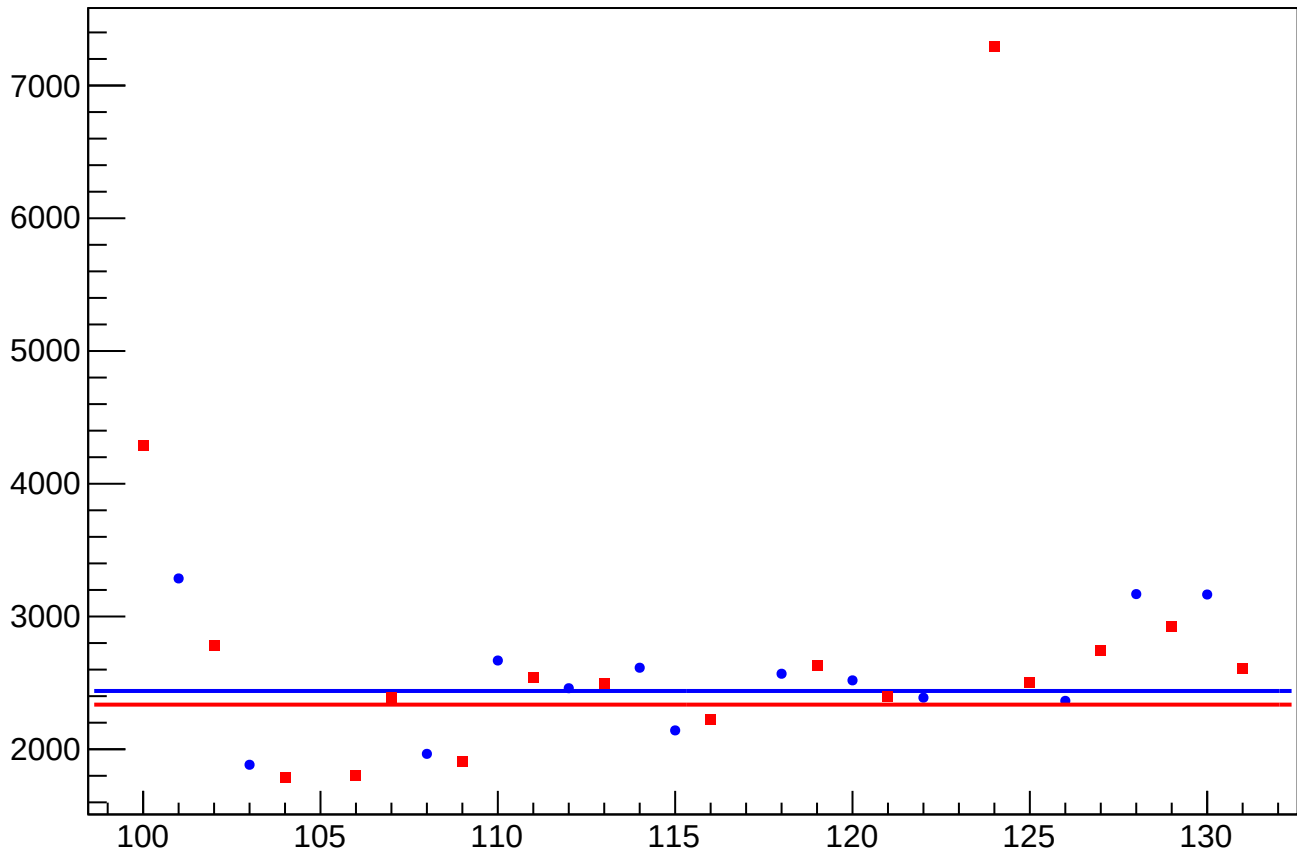
Right: 1479.172+/-714.755 χ^2/NDF : 30.5/28

In: 1180.771+/-1058.155 χ^2/NDF : 20.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.172+/-714.755 χ^2/NDF : 30.5/28

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.995 $\pm$ 0.748 χ^2 /NDF: 359141.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2336.111 $\pm$ 0.685 χ^2 /NDF: 478532.3/15

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

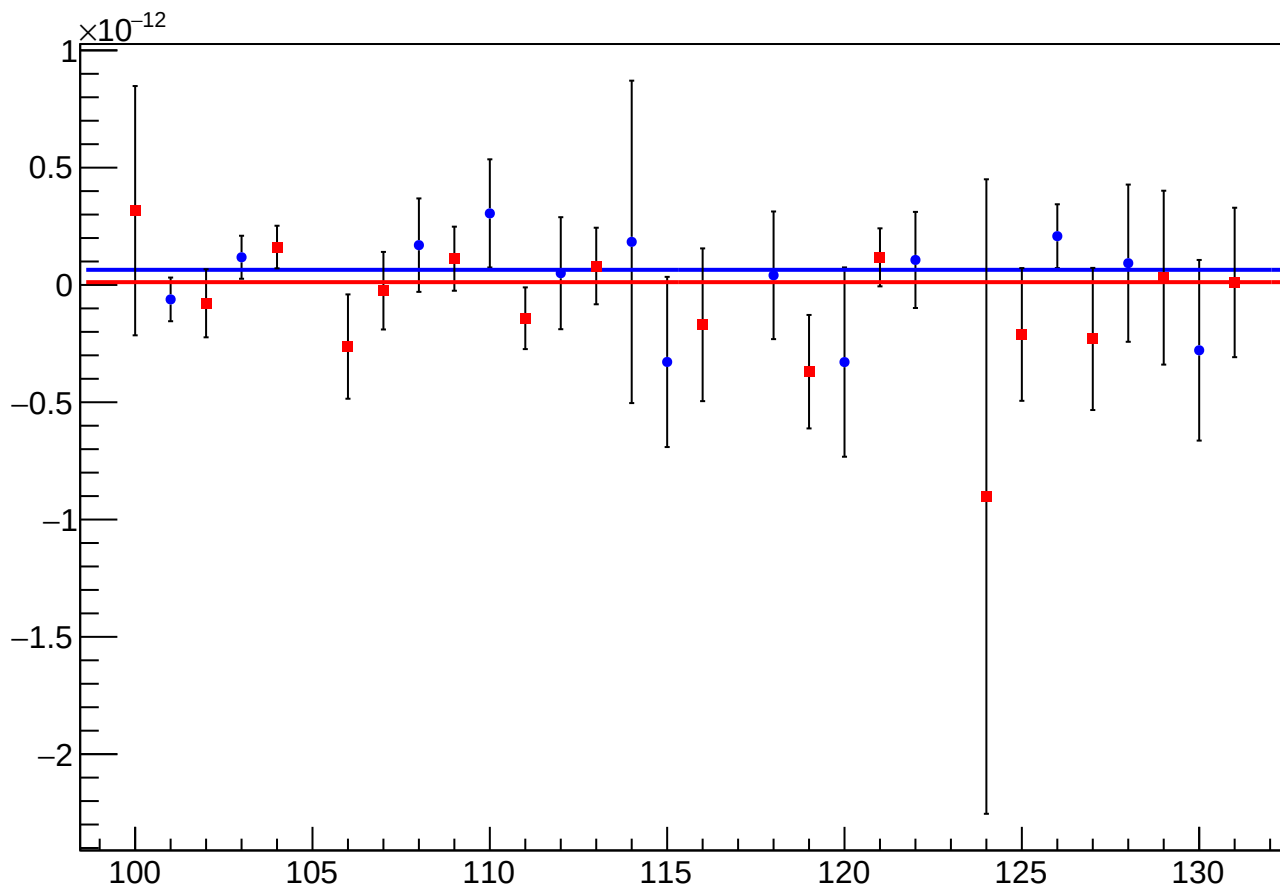
Right: 2383.053 $\pm$ 0.505 χ^2 /NDF: 847954.5/28

In: 2438.995 $\pm$ 0.748 χ^2 /NDF:359141.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2383.053 $\pm$ 0.505 χ^2 /NDF: 847954.5/28

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/12

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

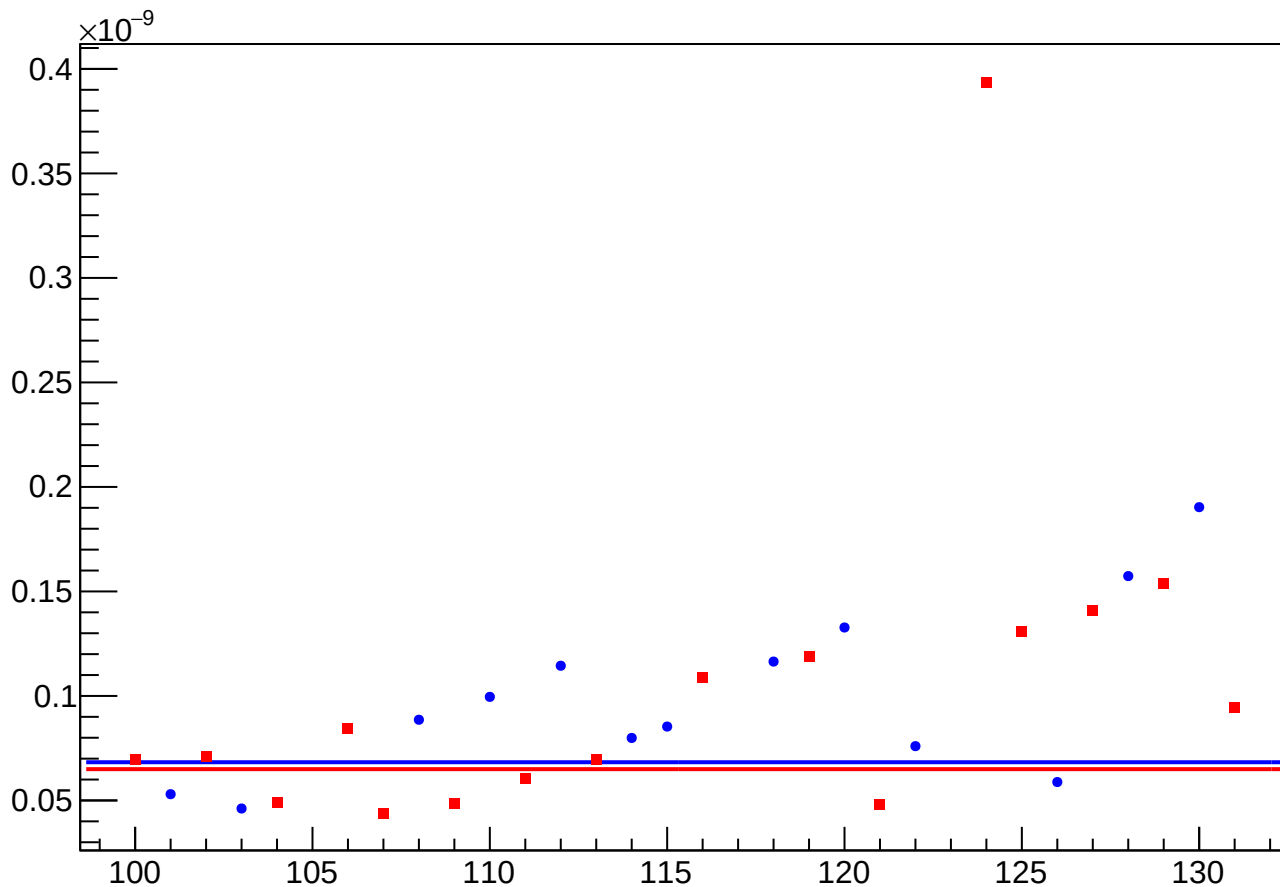
Right: 0.000+/-0.000 χ^2/NDF : 20.6/28

In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/28

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 776553.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 803787.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

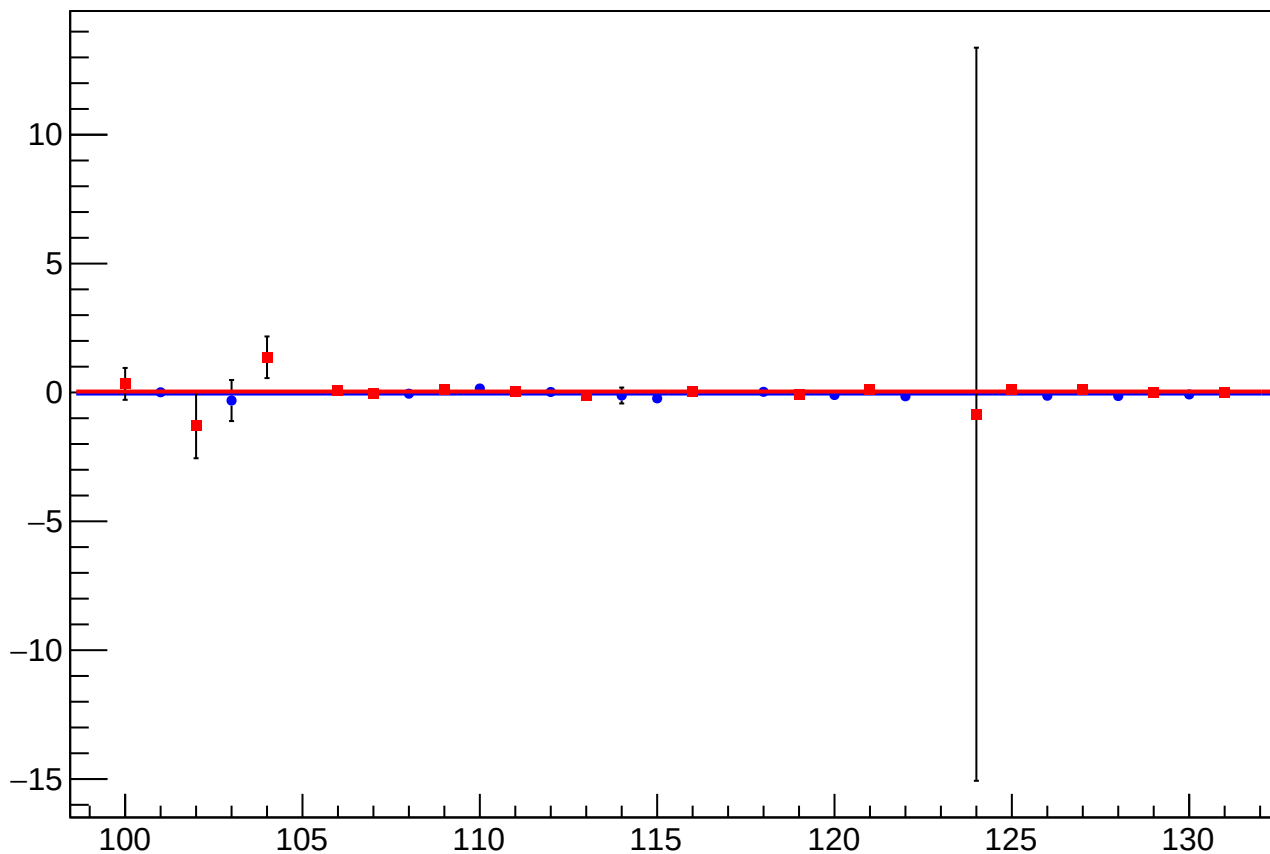
Right: 0.000+/-0.000 χ^2/NDF : 1585382.8/28

In: 0.000+/-0.000 χ^2/NDF : 776553.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1585382.8/28

asym_at2_dd_dit_vs_Slug, Sign Corrected



Right In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.029 χ^2/NDF : 10.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

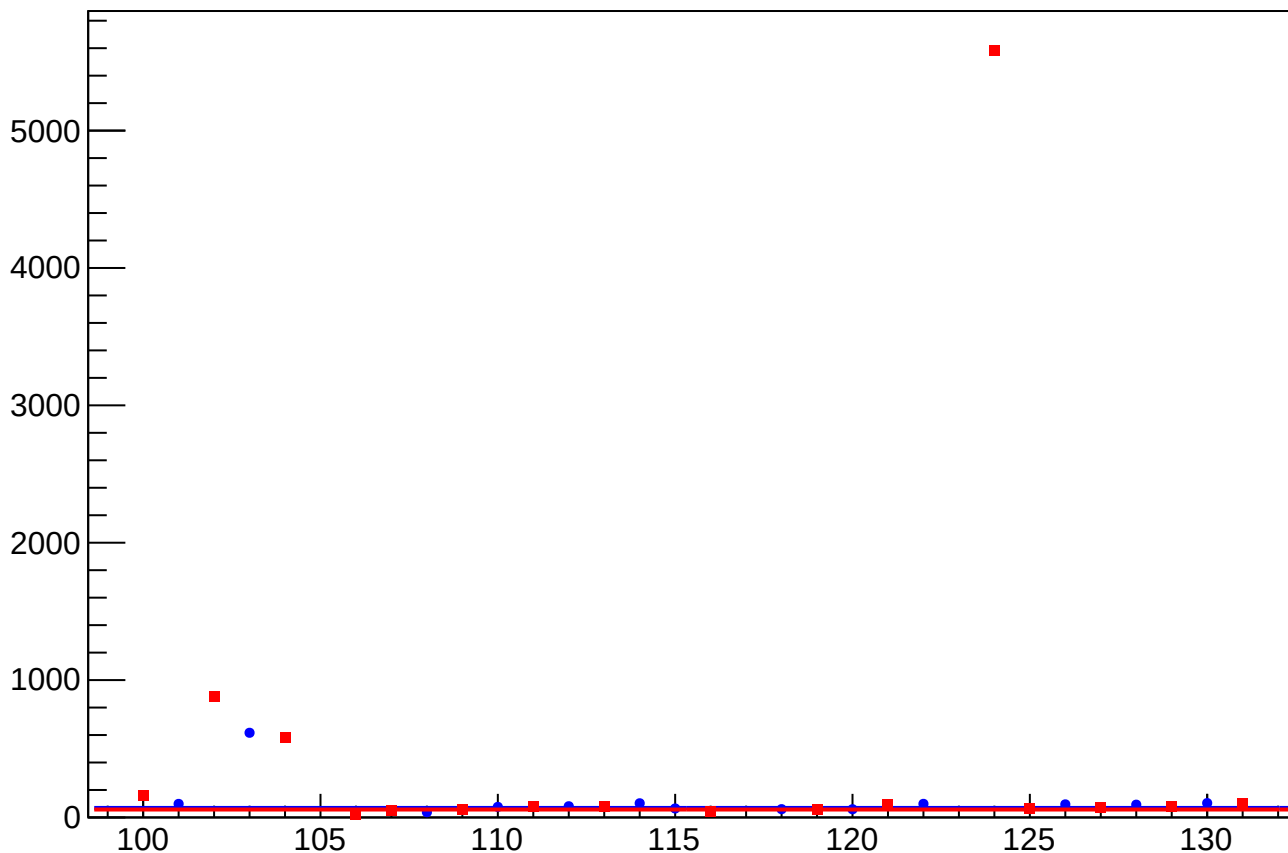
Right: 0.002 ± 0.022 χ^2/NDF : 19.9/28

In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.022 χ^2/NDF : 19.9/28

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.273+/-0.024 χ^2 /NDF: 1874409.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 57.744+/-0.020 χ^2 /NDF: 3134330.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

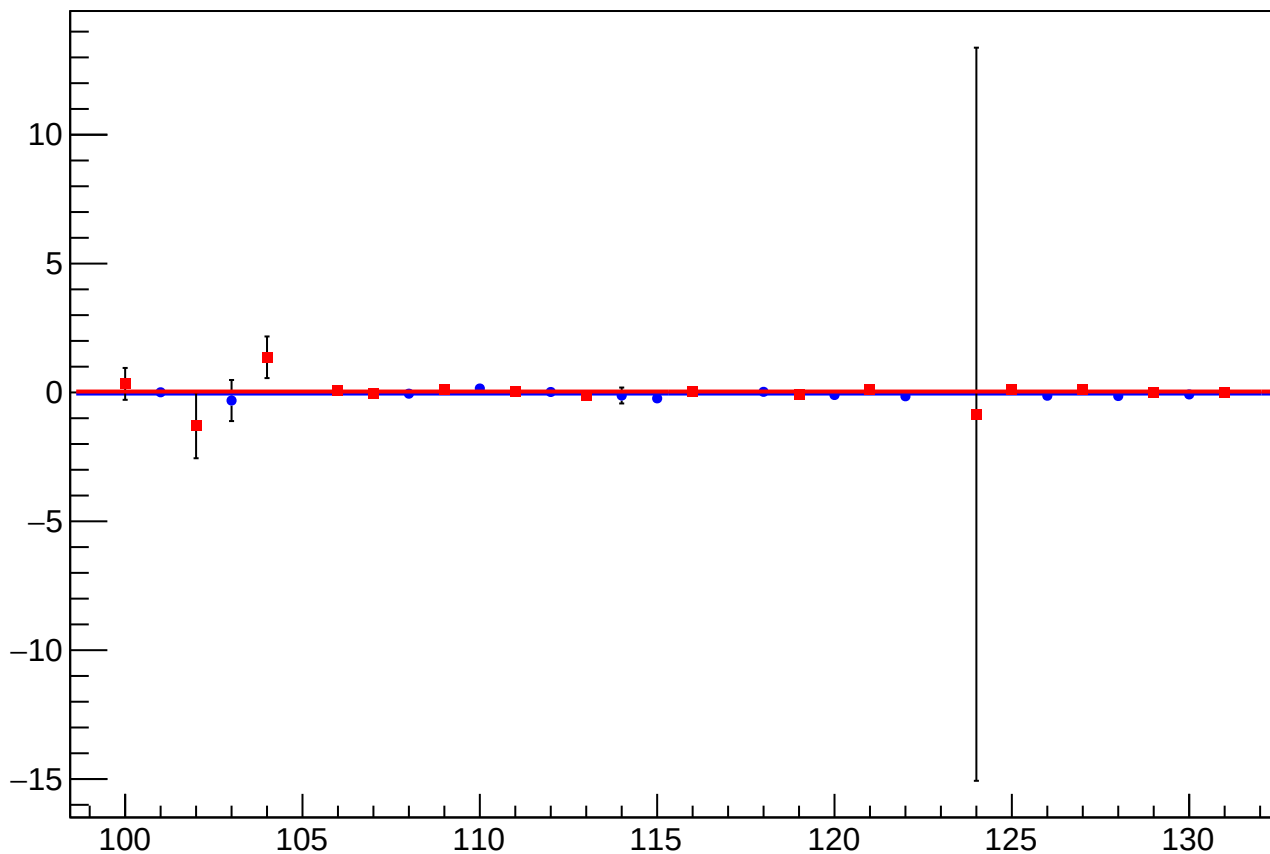
Right: 62.634+/-0.016 χ^2 /NDF: 5143075.2/28

In: 69.273+/-0.024 χ^2 /NDF:1874409.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 62.634+/-0.016 χ^2 /NDF: 5143075.2/28

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.034 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.029 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

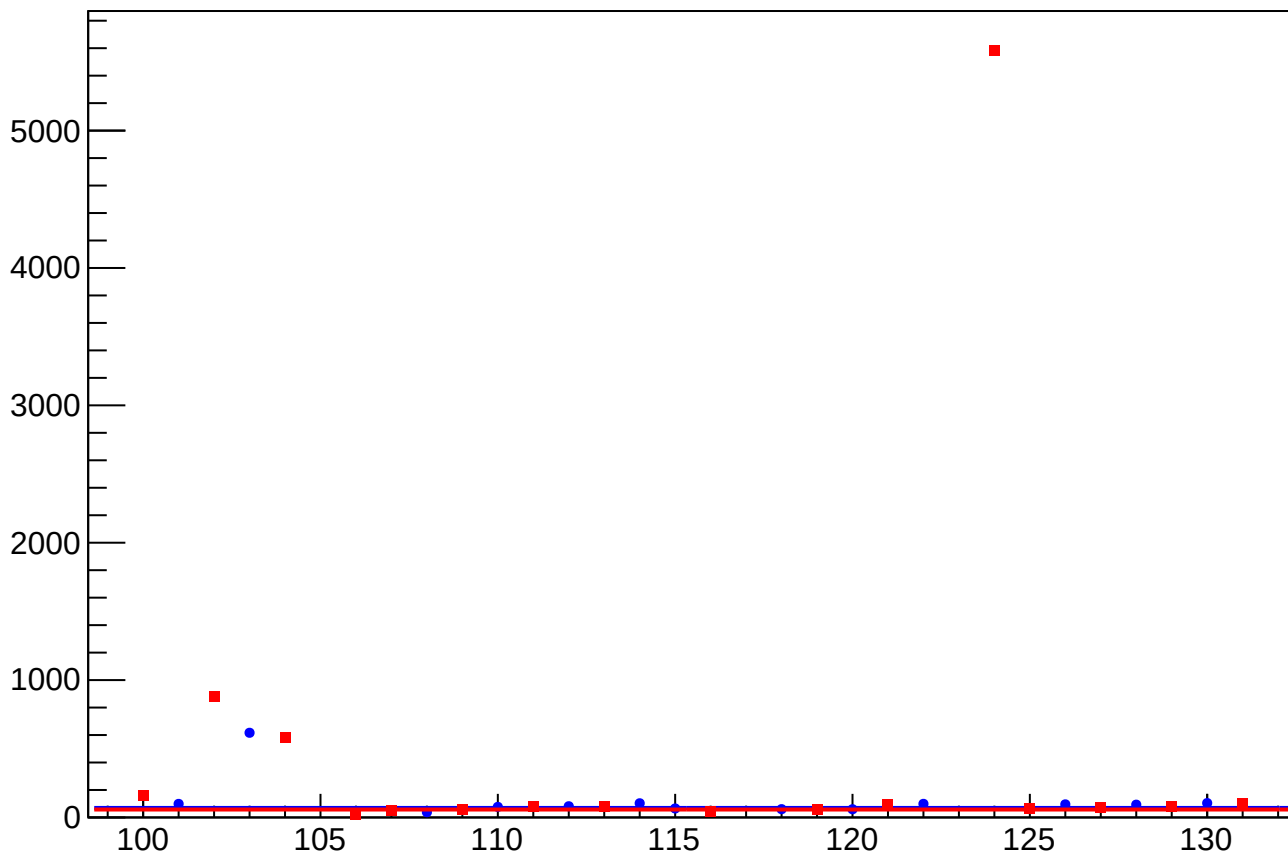
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/28

In: -0.042 $\pm$ 0.034 χ^2 /NDF:6.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/28

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.273+/-0.024 χ^2 /NDF: 1874409.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 57.744+/-0.020 χ^2 /NDF: 3134330.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

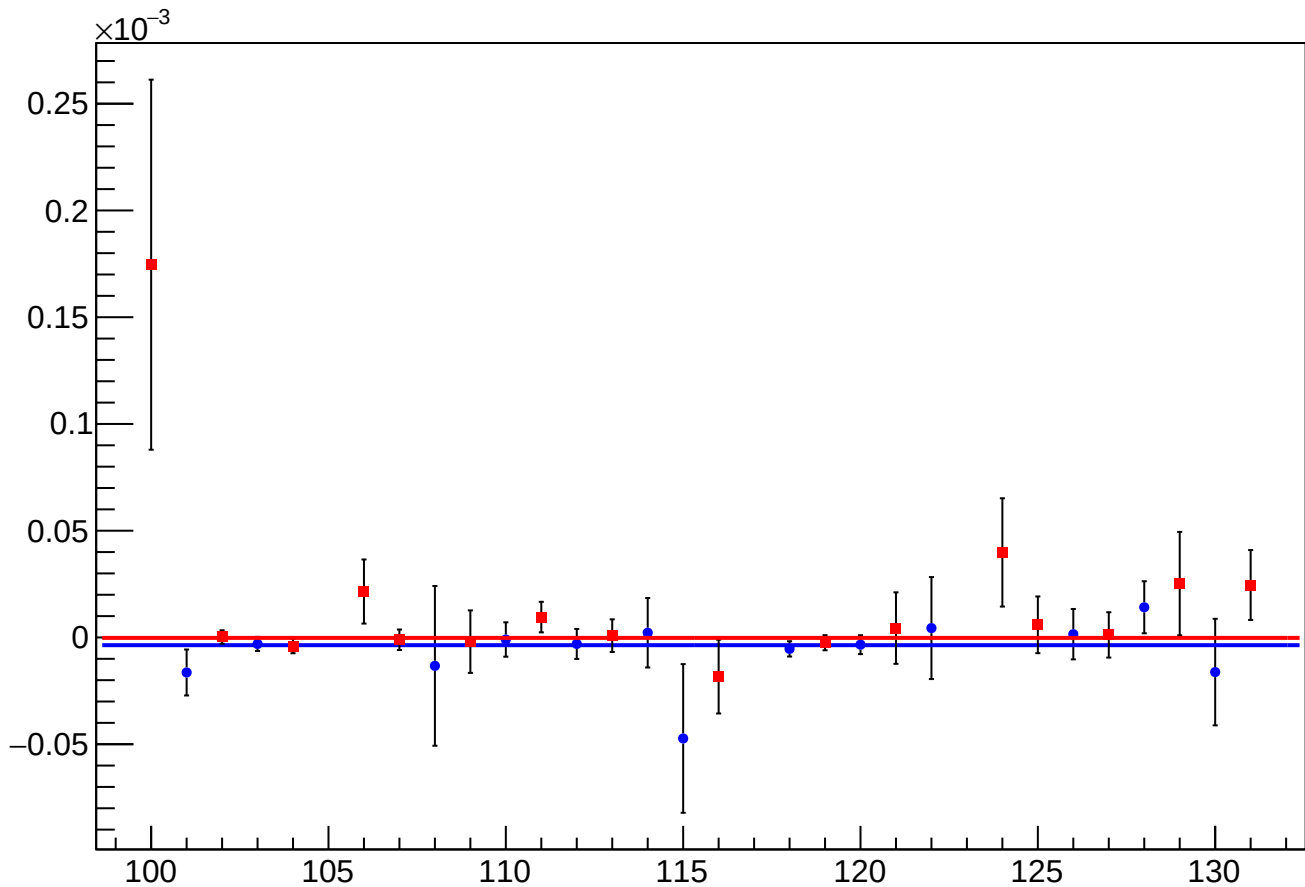
Right: 62.634+/-0.016 χ^2 /NDF: 5143075.2/28

In: 69.273+/-0.024 χ^2 /NDF:1874409.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 62.634+/-0.016 χ^2 /NDF: 5143075.2/28

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

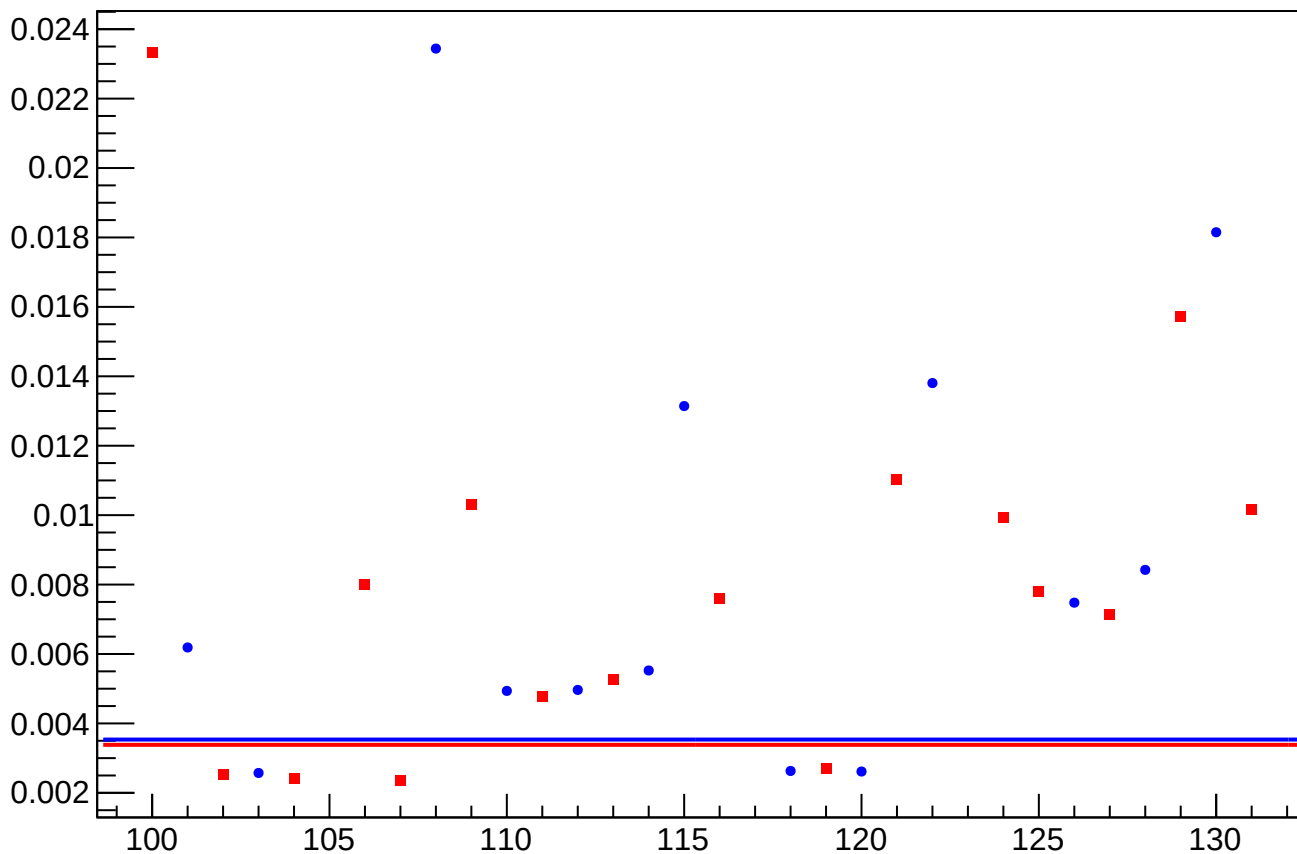
Right: -0.000+/-0.000 χ^2/NDF : 25.3/28

In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.3/28

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2998483.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3422431.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

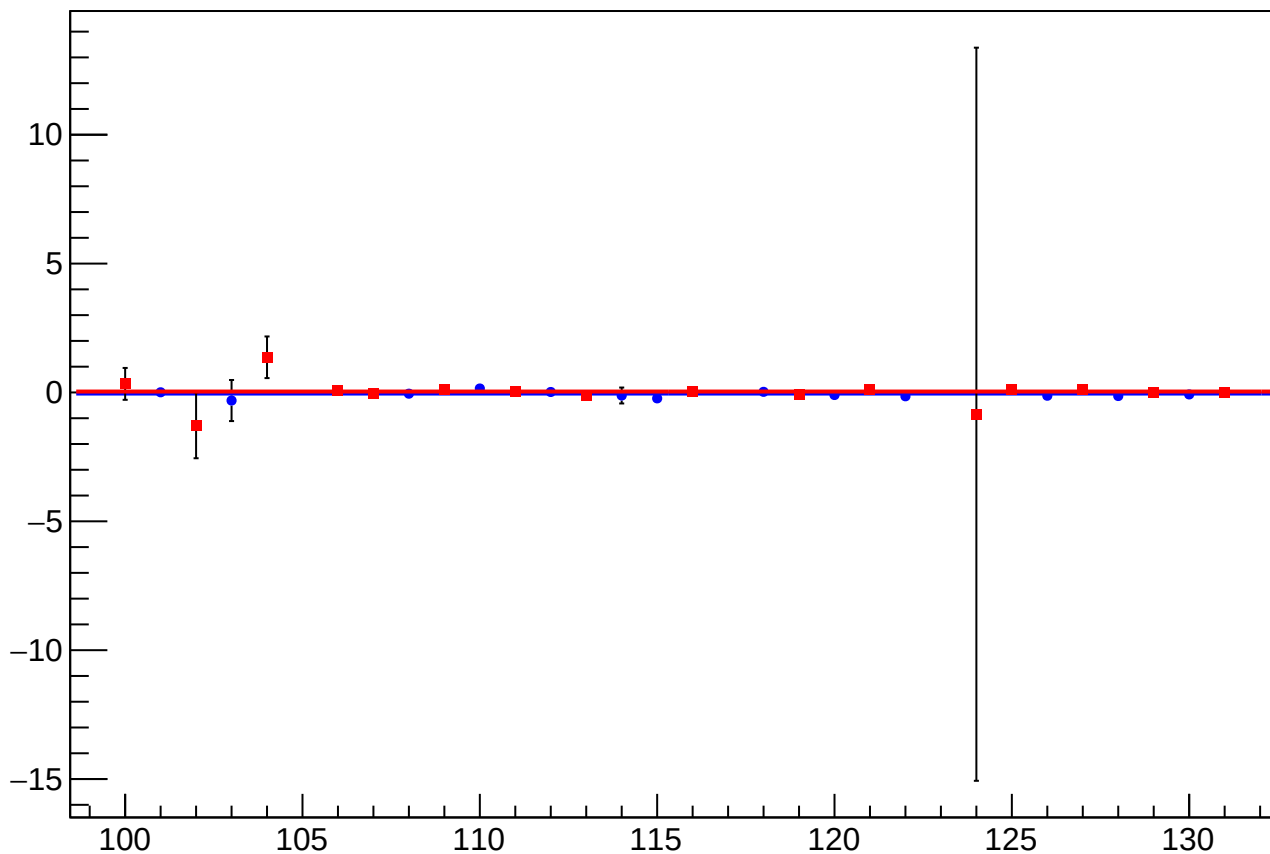
Right: 0.003+/-0.000 χ^2/NDF : 6428497.7/28

In: 0.004+/-0.000 χ^2/NDF :2998483.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6428497.7/28

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.034 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.029 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

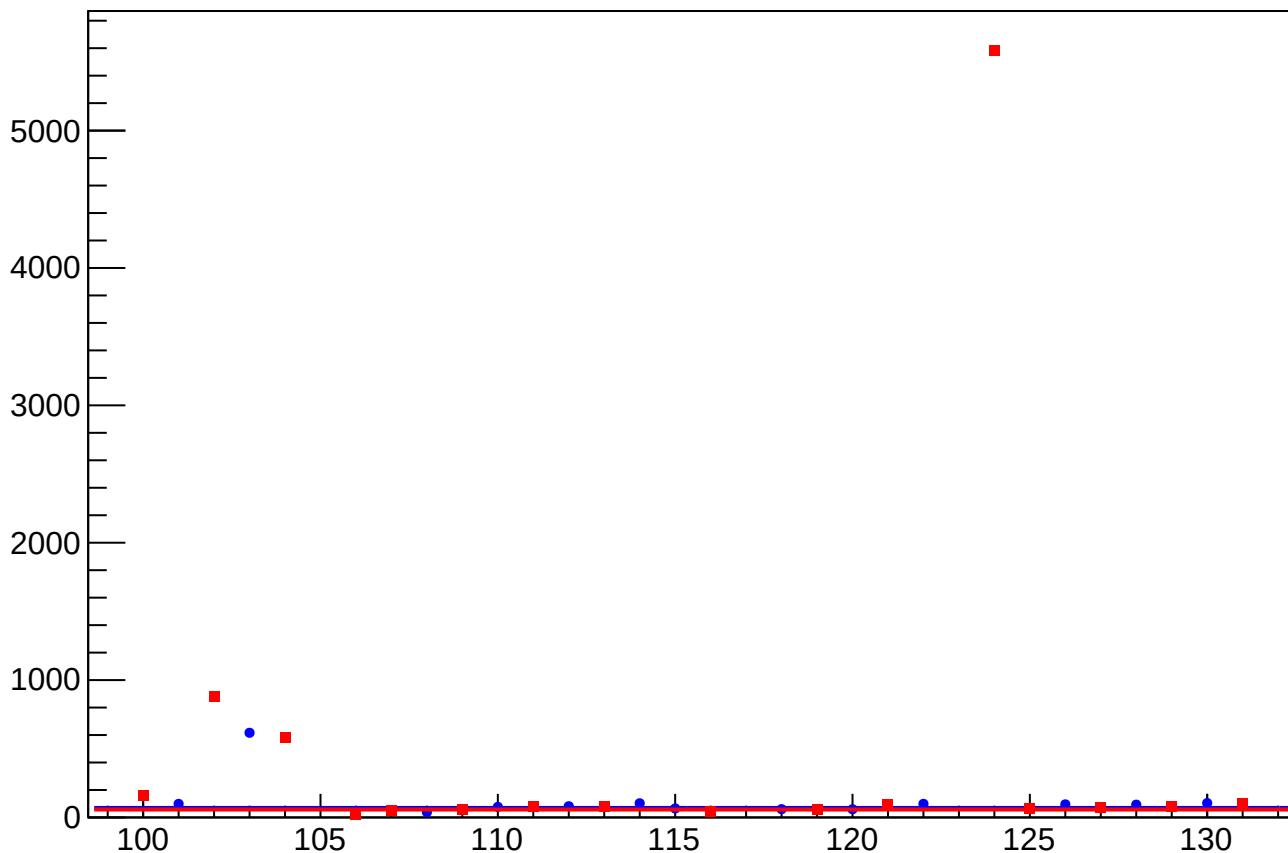
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/28

In: -0.042 $\pm$ 0.034 χ^2 /NDF:6.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/28

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.738+/-0.020 χ^2/NDF : 3134885.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

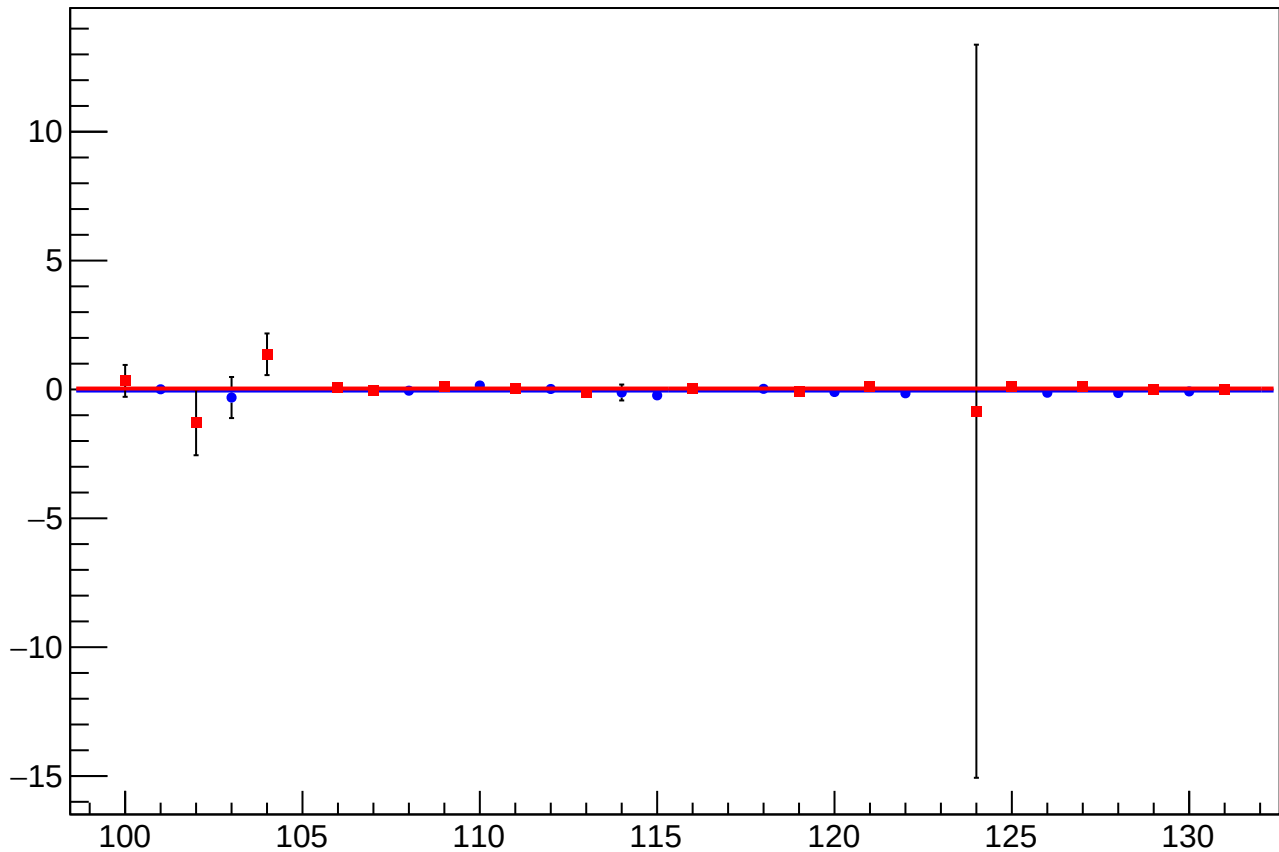
Right: 62.634+/-0.016 χ^2/NDF : 5143110.4/28

In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.634+/-0.016 χ^2/NDF : 5143110.4/28

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.034 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.029 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

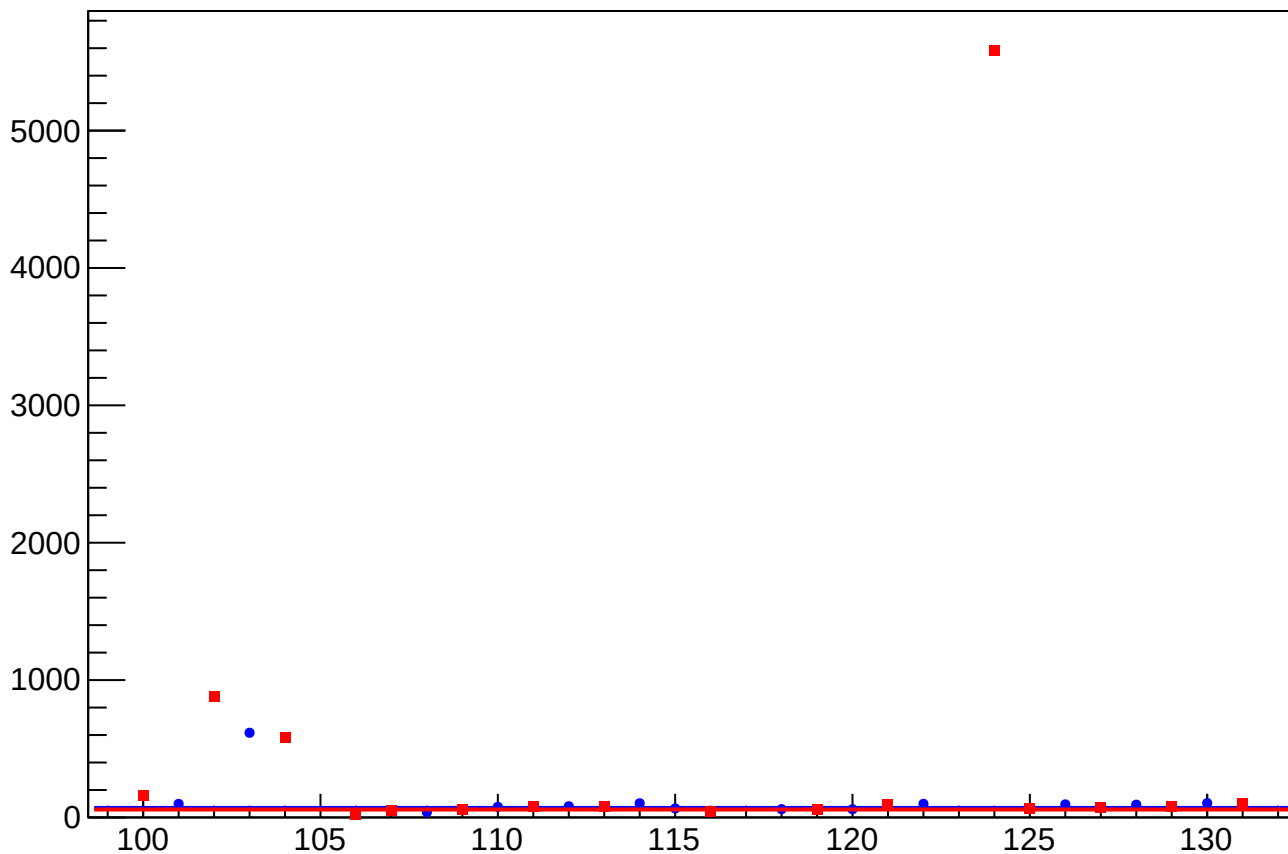
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/28

In: -0.042 $\pm$ 0.034 χ^2 /NDF:6.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/28

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.284 ± 0.024 χ^2/NDF : 1873491.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.738 ± 0.020 χ^2/NDF : 3134885.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

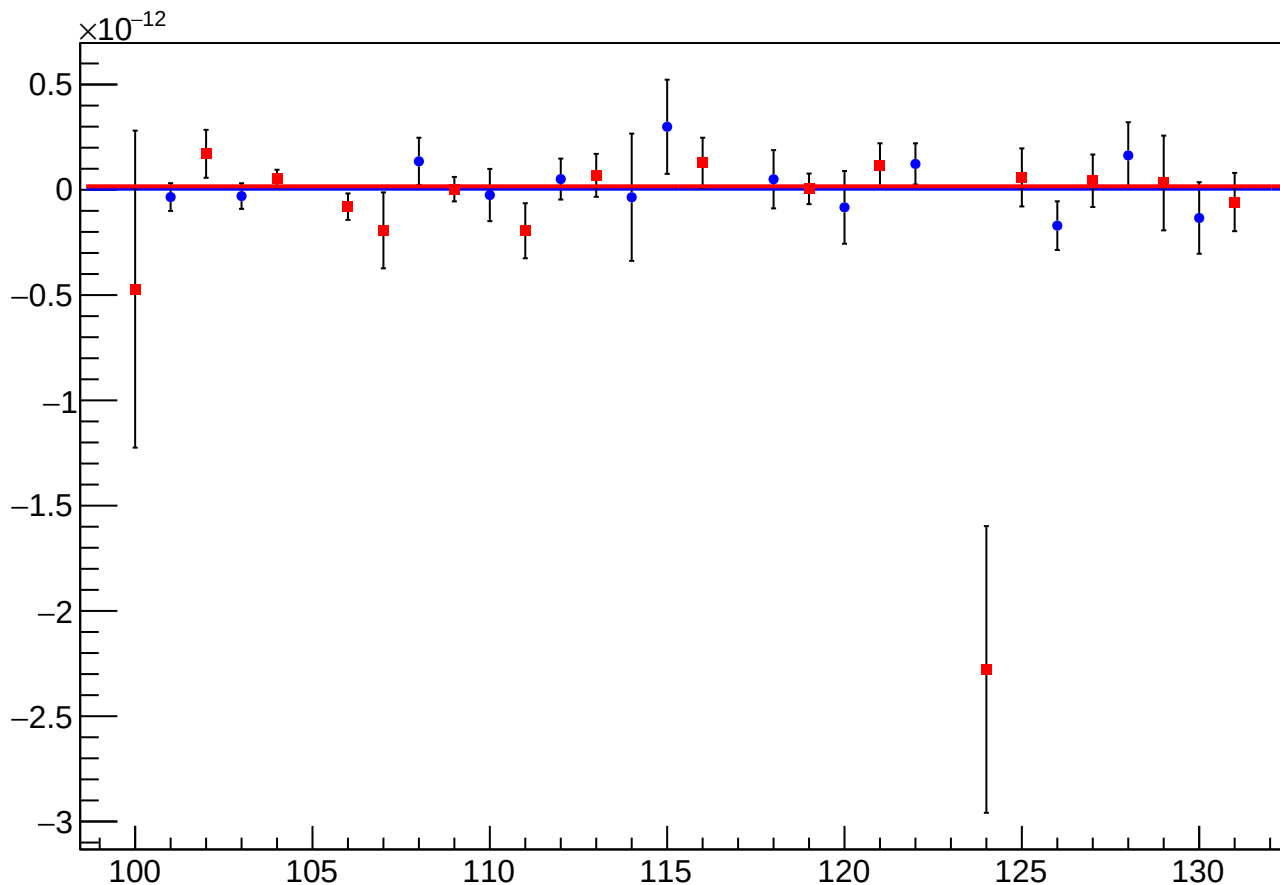
Right: 62.634 ± 0.016 χ^2/NDF : 5143110.4/28

In: 69.284 ± 0.024 χ^2/NDF : 1873491.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.634 ± 0.016 χ^2/NDF : 5143110.4/28

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

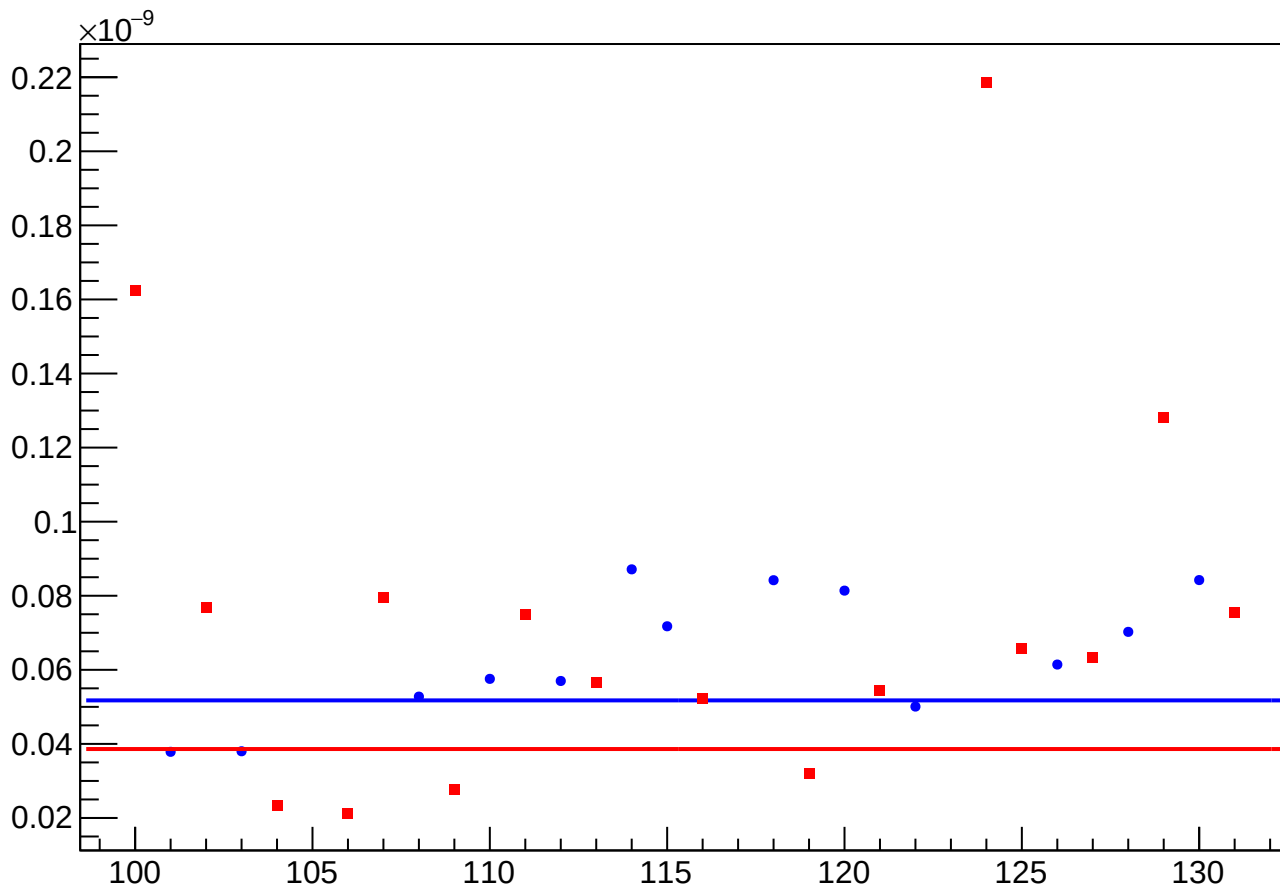
Right: 0.000+/-0.000 χ^2/NDF : 33.2/28

In: 0.000+/-0.000 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.2/28

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 528725.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1939344.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

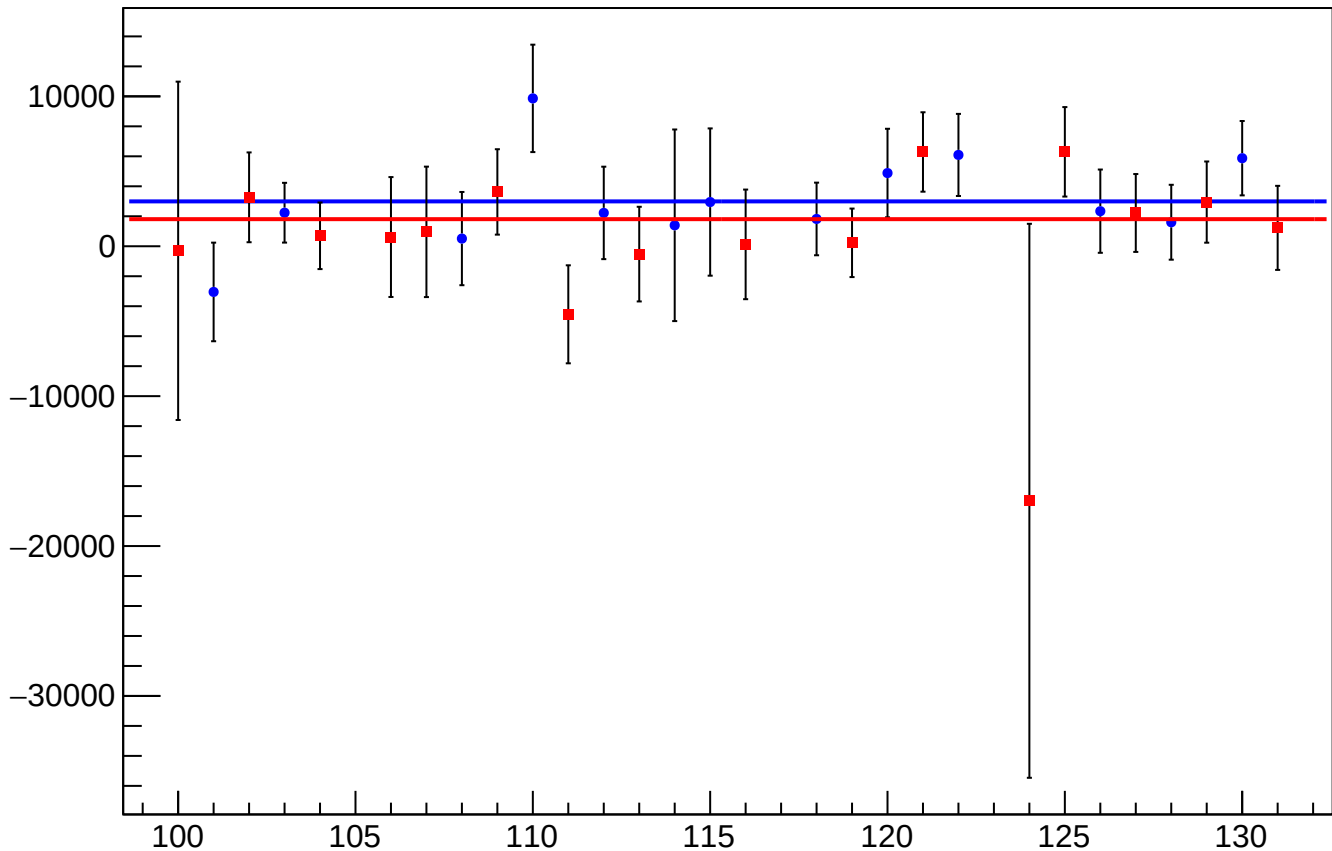
Right: 0.000+/-0.000 χ^2/NDF : 2712904.7/28

In: 0.000+/-0.000 χ^2/NDF : 528725.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2712904.7/28

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2992.754+/-798.795 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1807.234+/-769.212 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

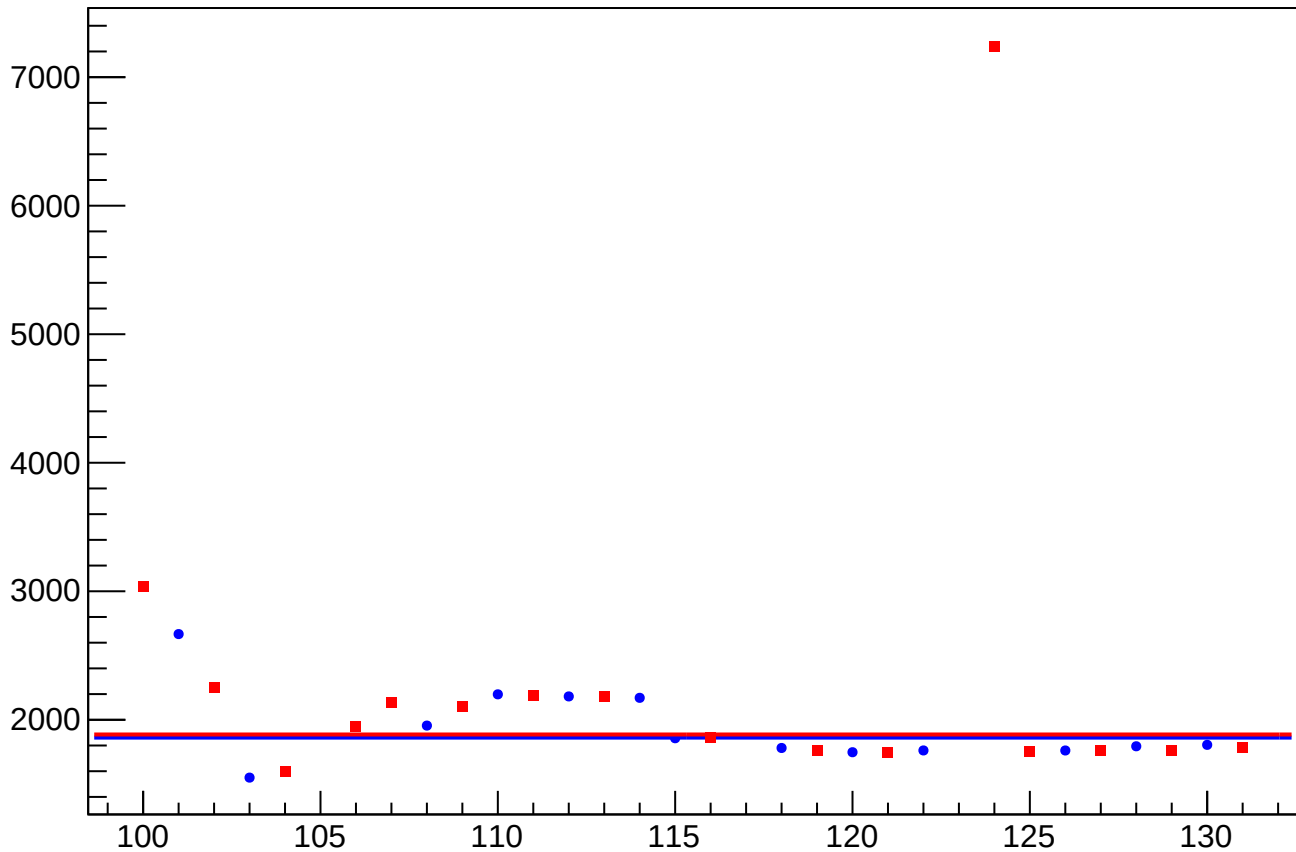
Right: 2377.636+/-554.078 χ^2/NDF : 25.2/28

In: 2992.754+/-798.795 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.636+/-554.078 χ^2/NDF : 25.2/28

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.711+/-0.542 χ^2/NDF : 331791.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

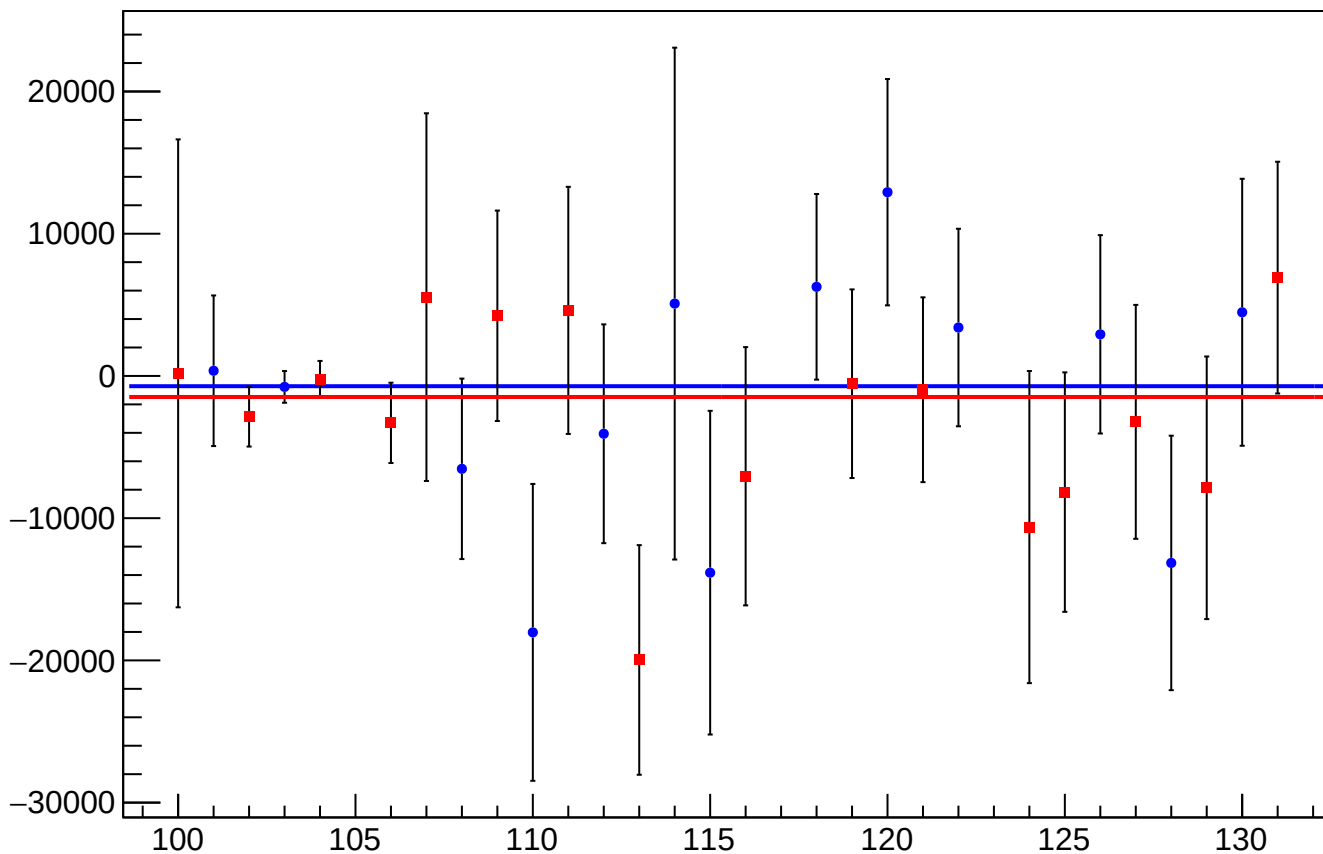
Right: 1874.094+/-0.391 χ^2/NDF : 560177.1/28

In: 1861.497+/-0.565 χ^2/NDF : 227429.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.094+/-0.391 χ^2/NDF : 560177.1/28

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -721.472+/-996.486 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1479.359+/-933.825 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

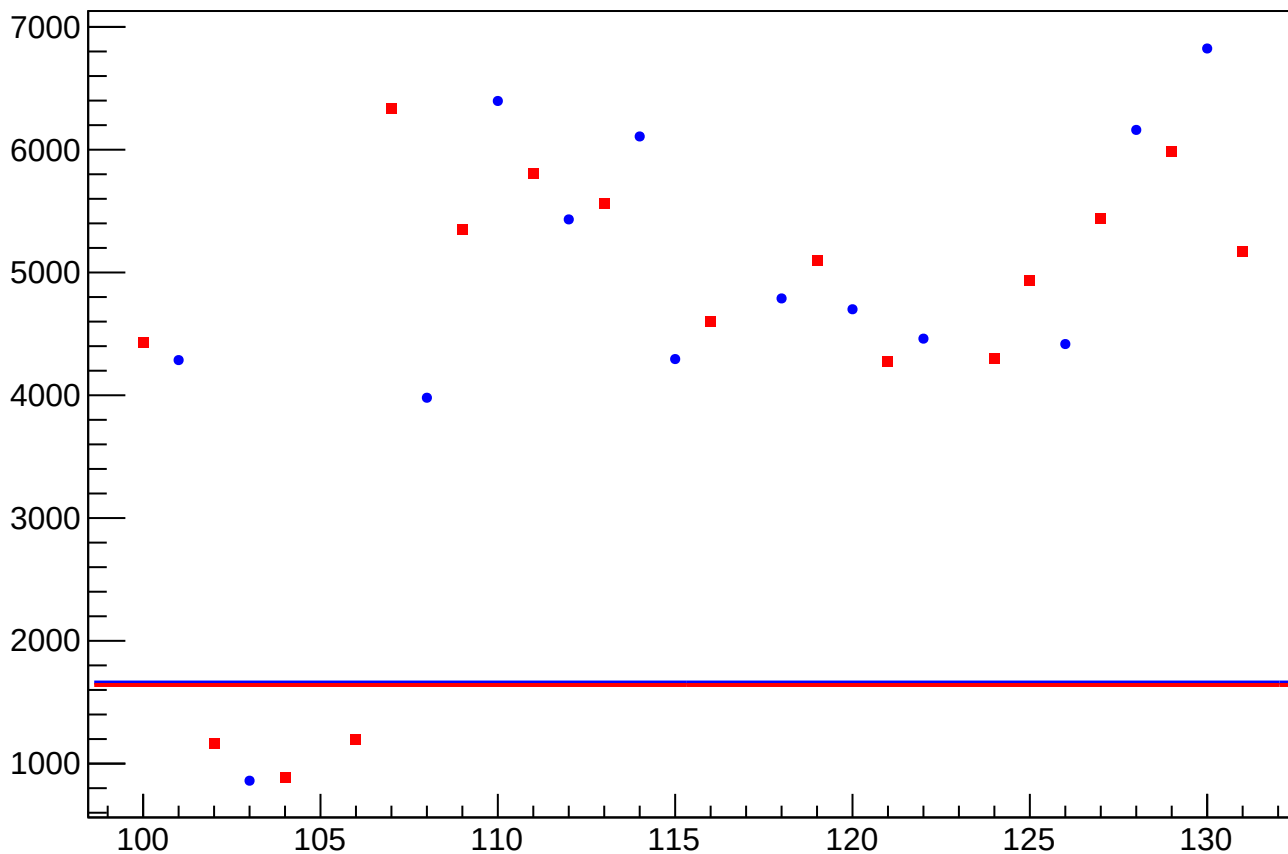
Right: -1124.991+/-681.390 χ^2/NDF : 24.3/28

In: -721.472+/-996.486 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1124.991+/-681.390 χ^2/NDF : 24.3/28

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1660.305+/-0.705 χ^2/NDF : 5412176.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1640.543+/-0.660 χ^2/NDF : 5361382.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

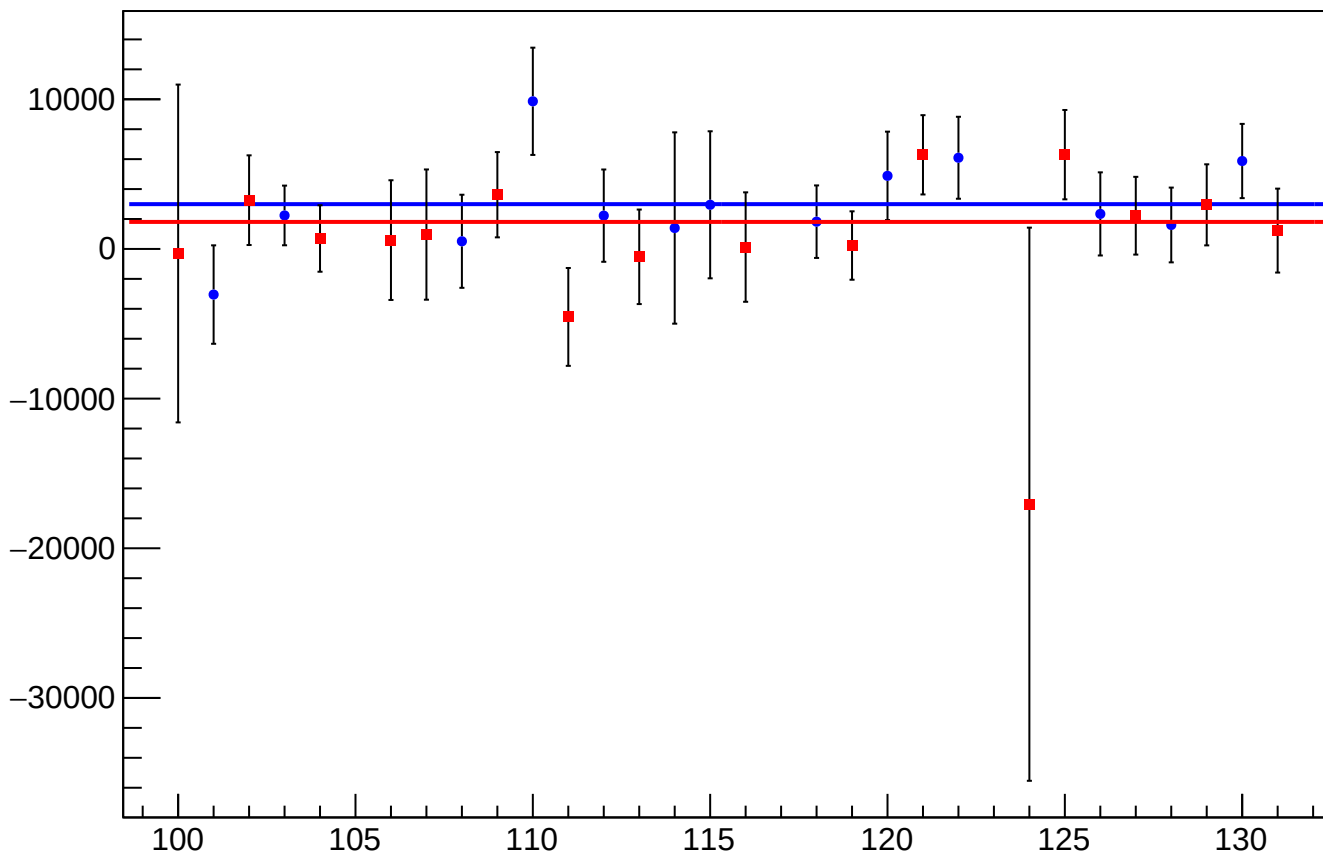
Right: 1649.783+/-0.482 χ^2/NDF : 10773977.9/28

In: 1660.305+/-0.705 χ^2/NDF : 5412176.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.783+/-0.482 χ^2/NDF : 10773977.9/28

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2992.897 $\pm$ 798.795 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1805.643 $\pm$ 769.213 χ^2 /NDF: 12.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

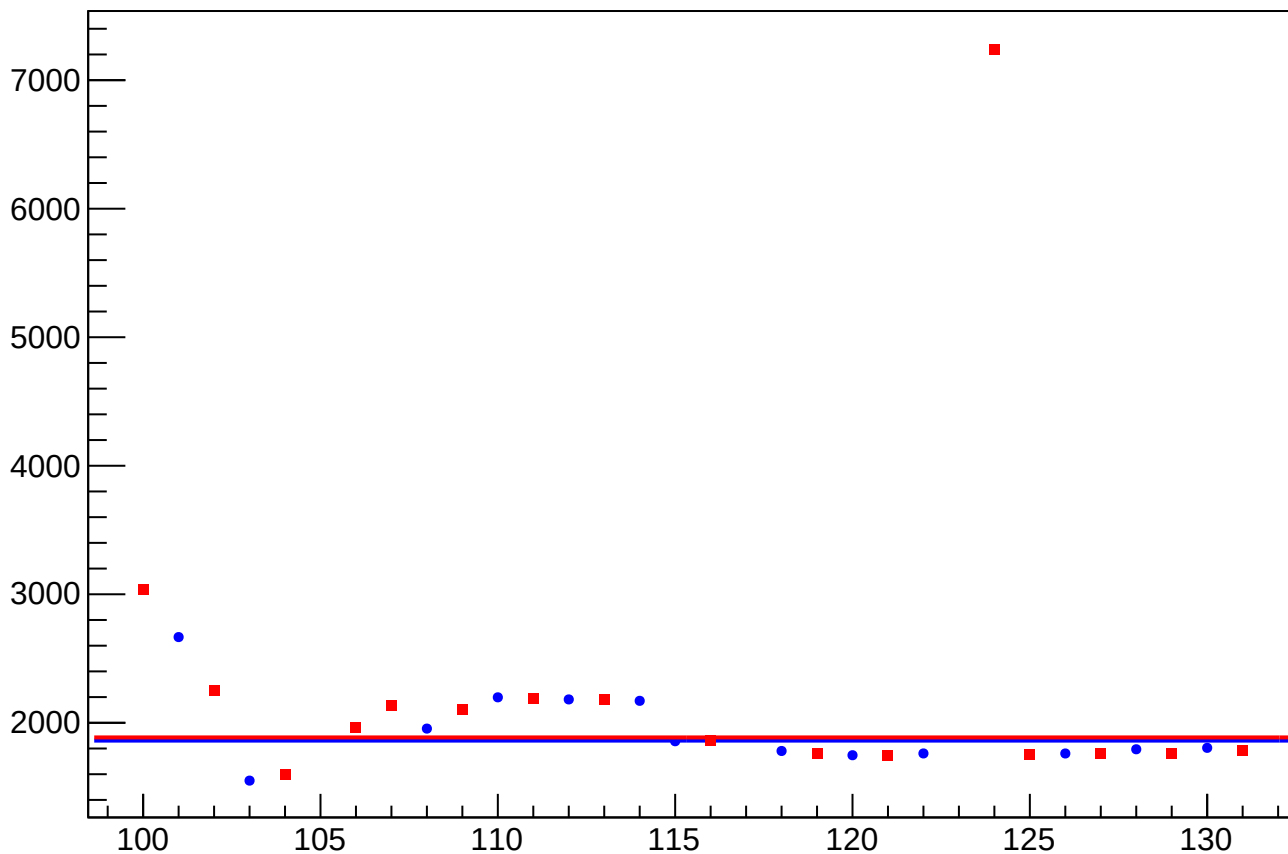
Right: 2376.879 $\pm$ 554.079 χ^2 /NDF: 25.2/28

In: 2992.897 $\pm$ 798.795 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2376.879 $\pm$ 554.079 χ^2 /NDF: 25.2/28

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.250+/-0.543 χ^2/NDF : 332054.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

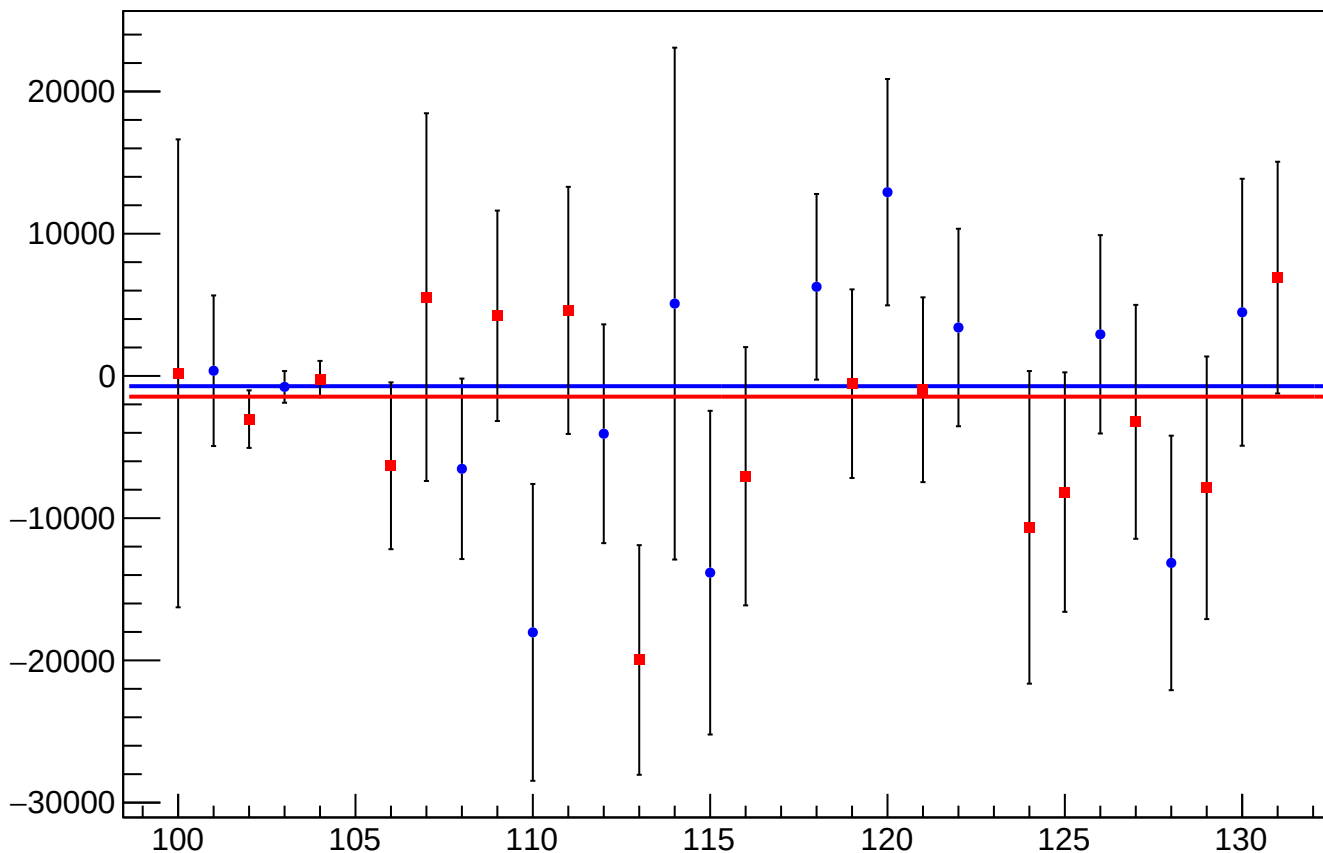
Right: 1874.371+/-0.391 χ^2/NDF : 560482.4/28

In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.371+/-0.391 χ^2/NDF : 560482.4/28

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1456.724+/-968.063 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

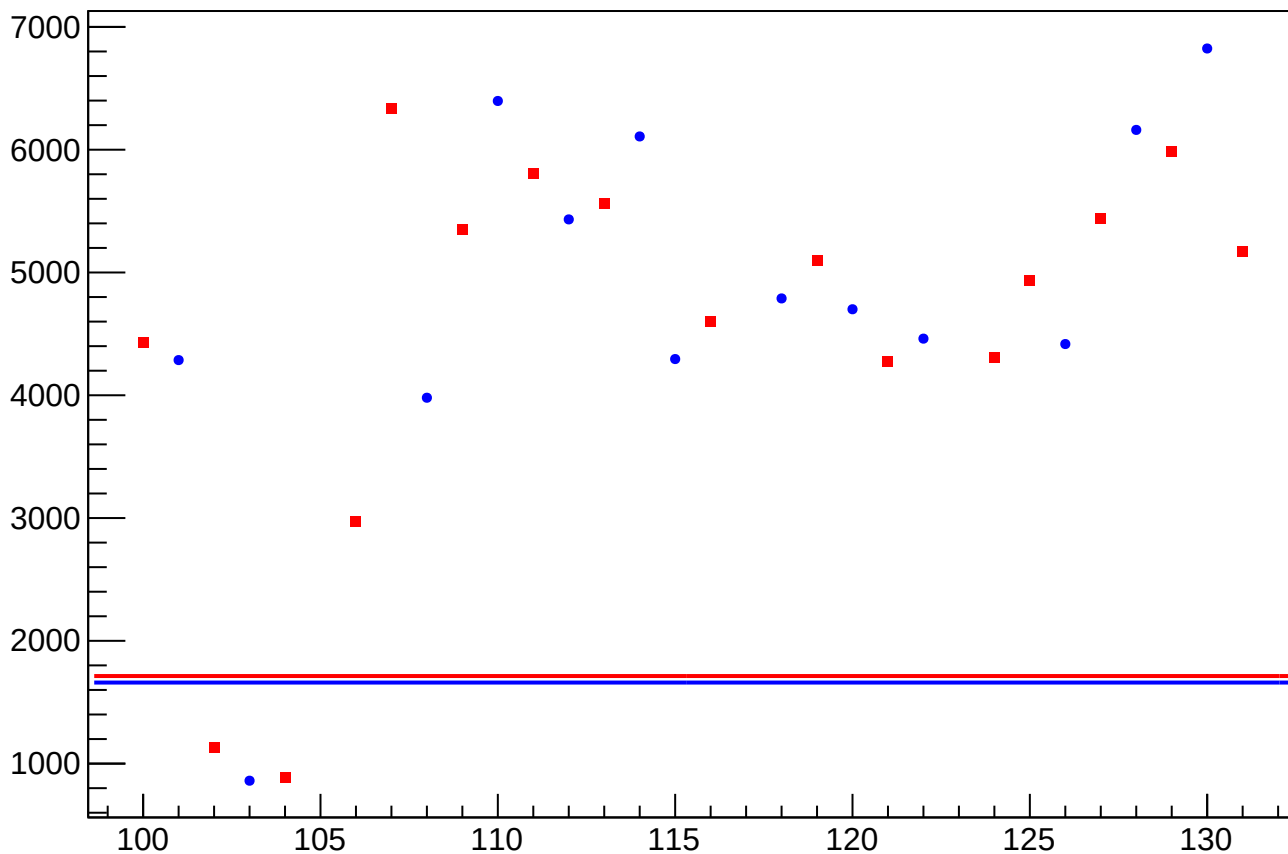
Right: -1099.467+/-694.335 χ^2/NDF : 24.7/28

In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1099.467+/-694.335 χ^2/NDF : 24.7/28

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1713.238+/-0.685 χ^2/NDF : 5428334.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

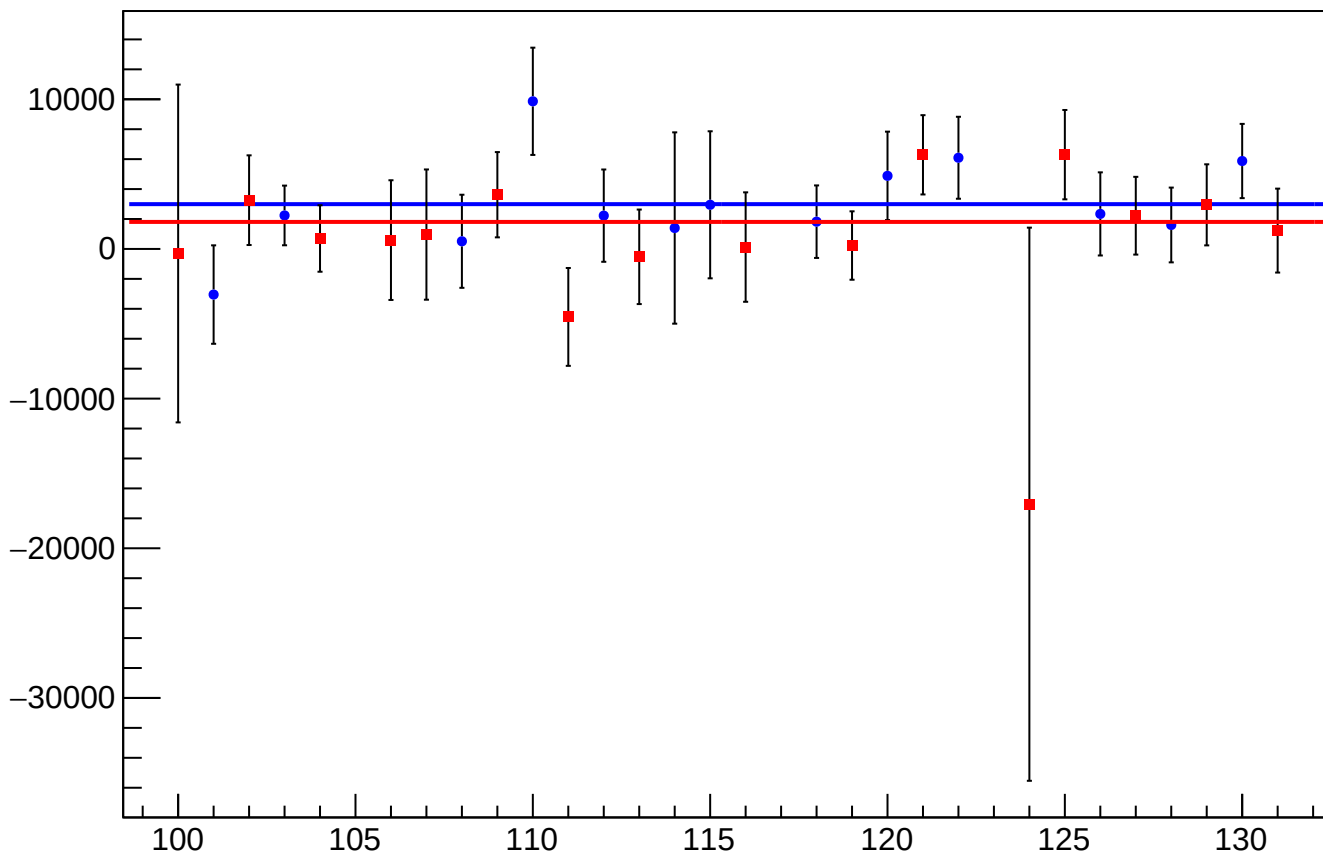
Right: 1687.468+/-0.491 χ^2/NDF : 10843729.6/28

In: 1660.165+/-0.705 χ^2/NDF :5412476.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1687.468+/-0.491 χ^2/NDF : 10843729.6/28

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2992.897 $\pm$ 798.795 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1805.643 $\pm$ 769.213 χ^2 /NDF: 12.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

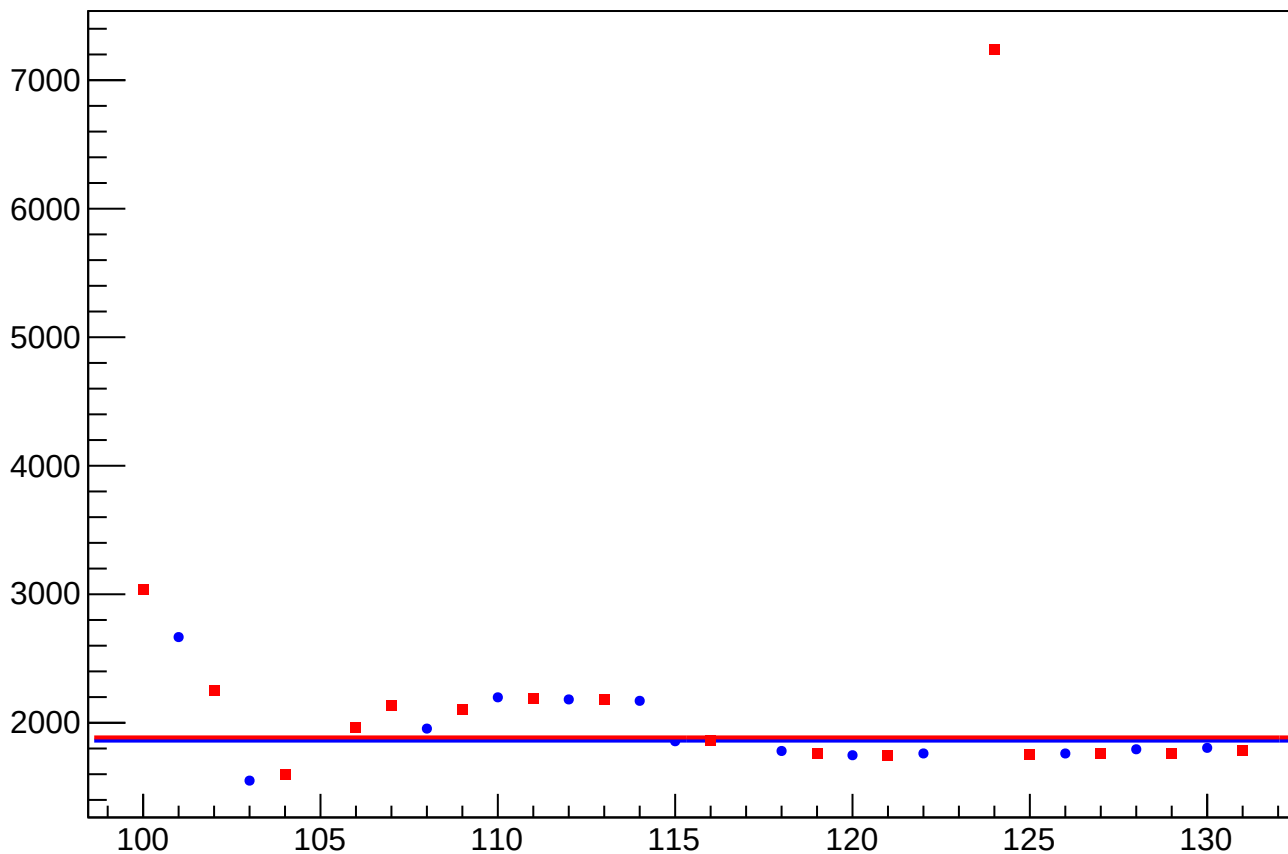
Right: 2376.879 $\pm$ 554.079 χ^2 /NDF: 25.2/28

In: 2992.897 $\pm$ 798.795 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2376.879 $\pm$ 554.079 χ^2 /NDF: 25.2/28

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.250+/-0.543 χ^2/NDF : 332054.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

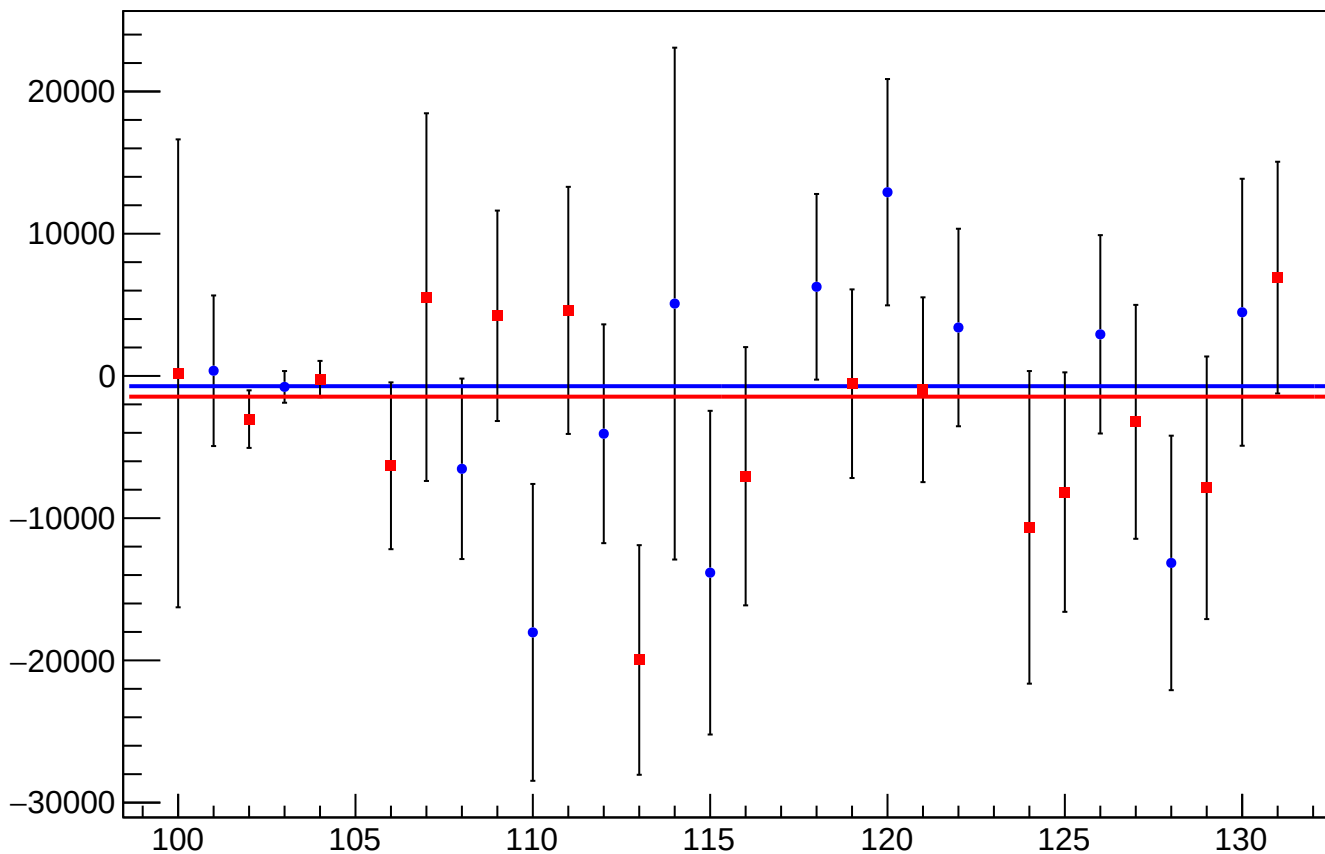
Right: 1874.371+/-0.391 χ^2/NDF : 560482.4/28

In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.371+/-0.391 χ^2/NDF : 560482.4/28

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1456.724+/-968.063 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

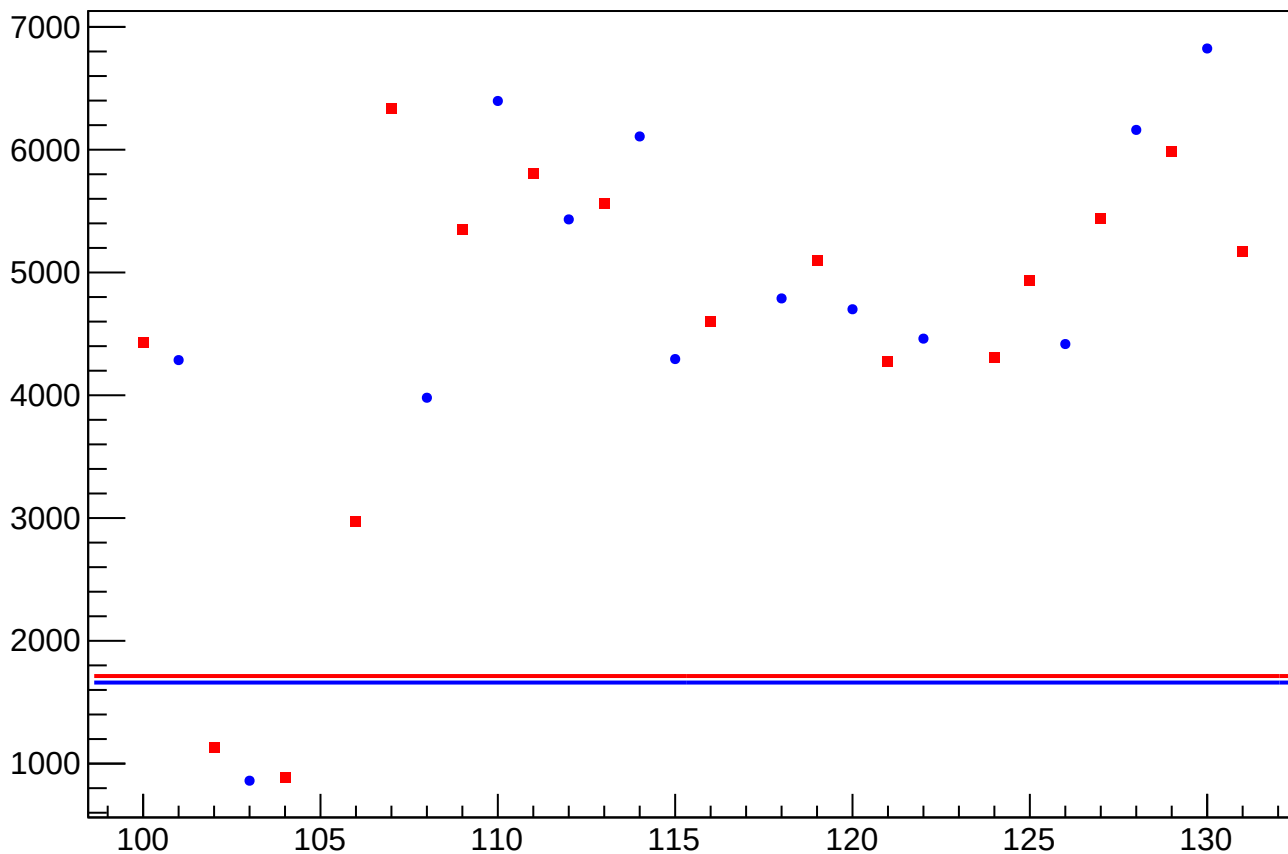
Right: -1099.467+/-694.335 χ^2/NDF : 24.7/28

In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1099.467+/-694.335 χ^2/NDF : 24.7/28

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1713.238+/-0.685 χ^2/NDF : 5428334.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

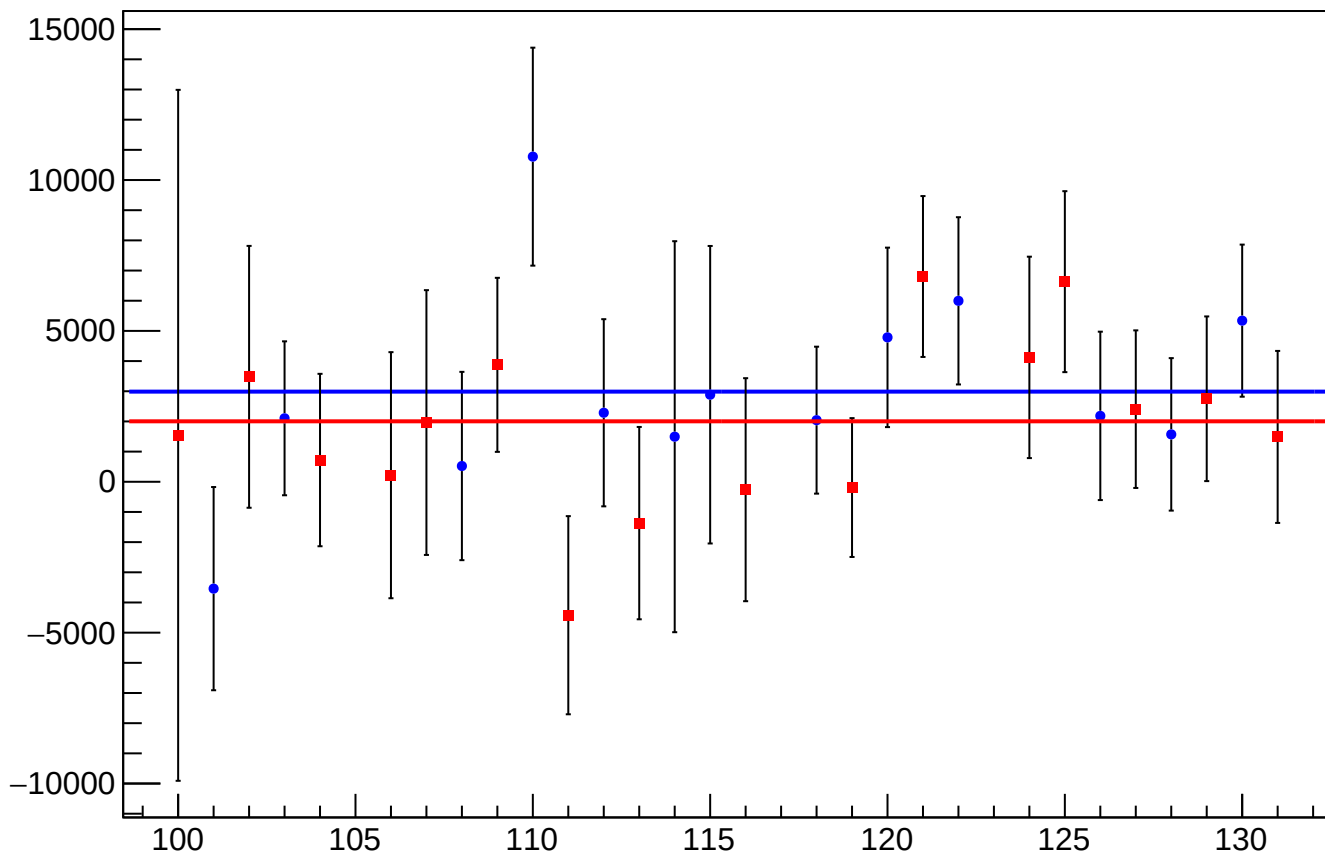
Right: 1687.468+/-0.491 χ^2/NDF : 10843729.6/28

In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.468+/-0.491 χ^2/NDF : 10843729.6/28

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2987.775+/-831.979 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2003.850+/-786.945 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

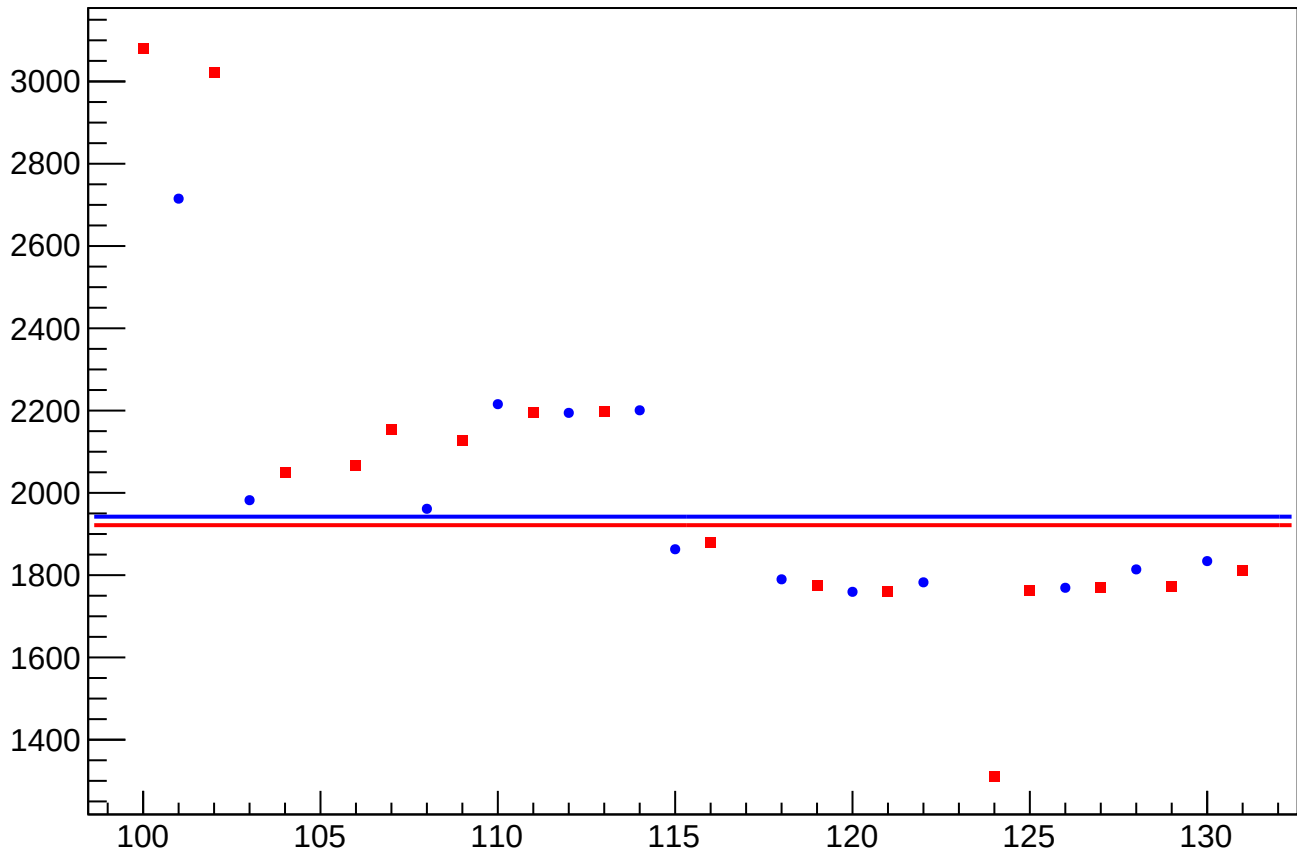
Right: 2468.464+/-571.712 χ^2/NDF : 26.3/28

In: 2987.775+/-831.979 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2468.464+/-571.712 χ^2/NDF : 26.3/28

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1942.162+/-0.588 χ^2/NDF : 172867.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.472+/-0.556 χ^2/NDF : 304591.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

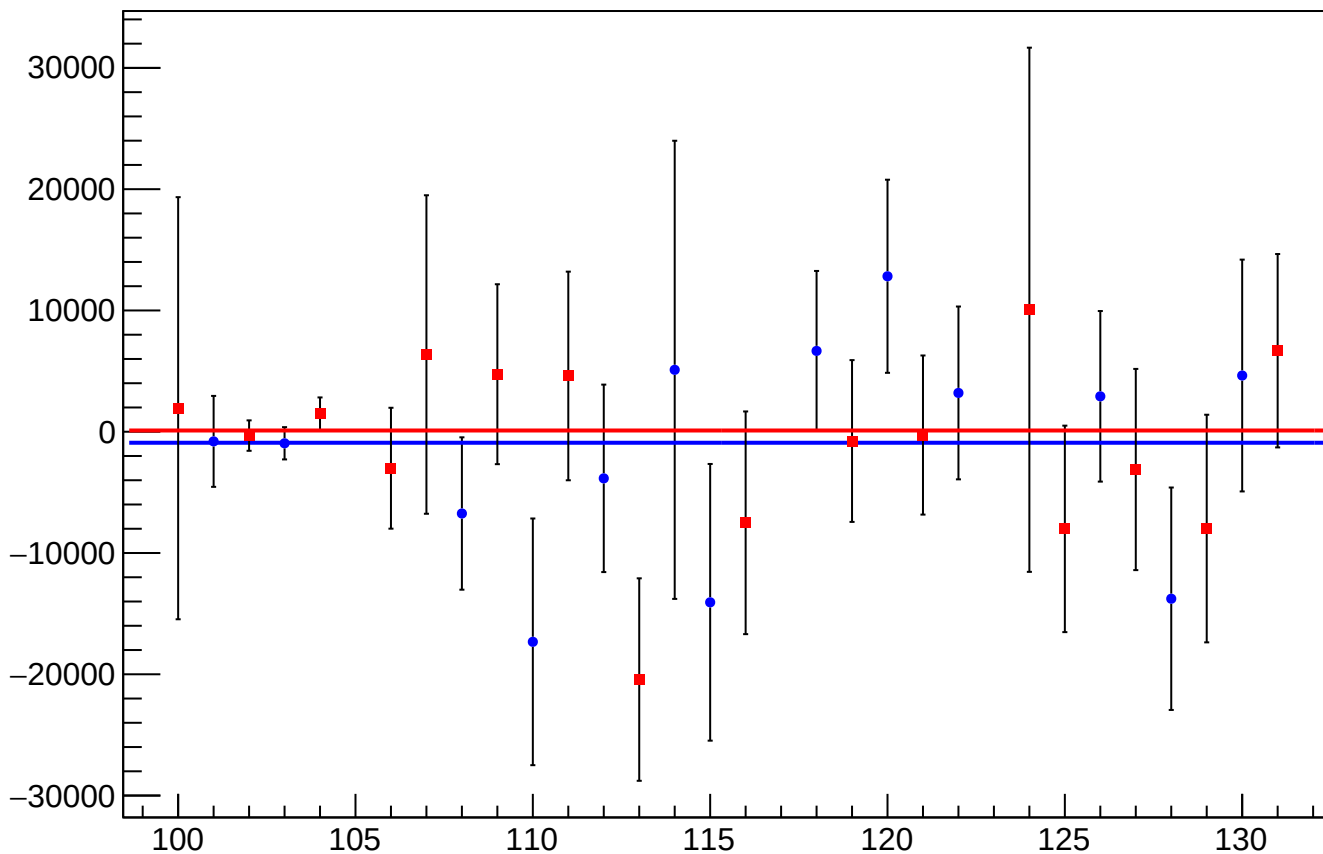
Right: 1931.232+/-0.404 χ^2/NDF : 478112.2/28

In: 1942.162+/-0.588 χ^2/NDF : 172867.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.232+/-0.404 χ^2/NDF : 478112.2/28

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -908.593+/-1118.117 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.194+/-848.617 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

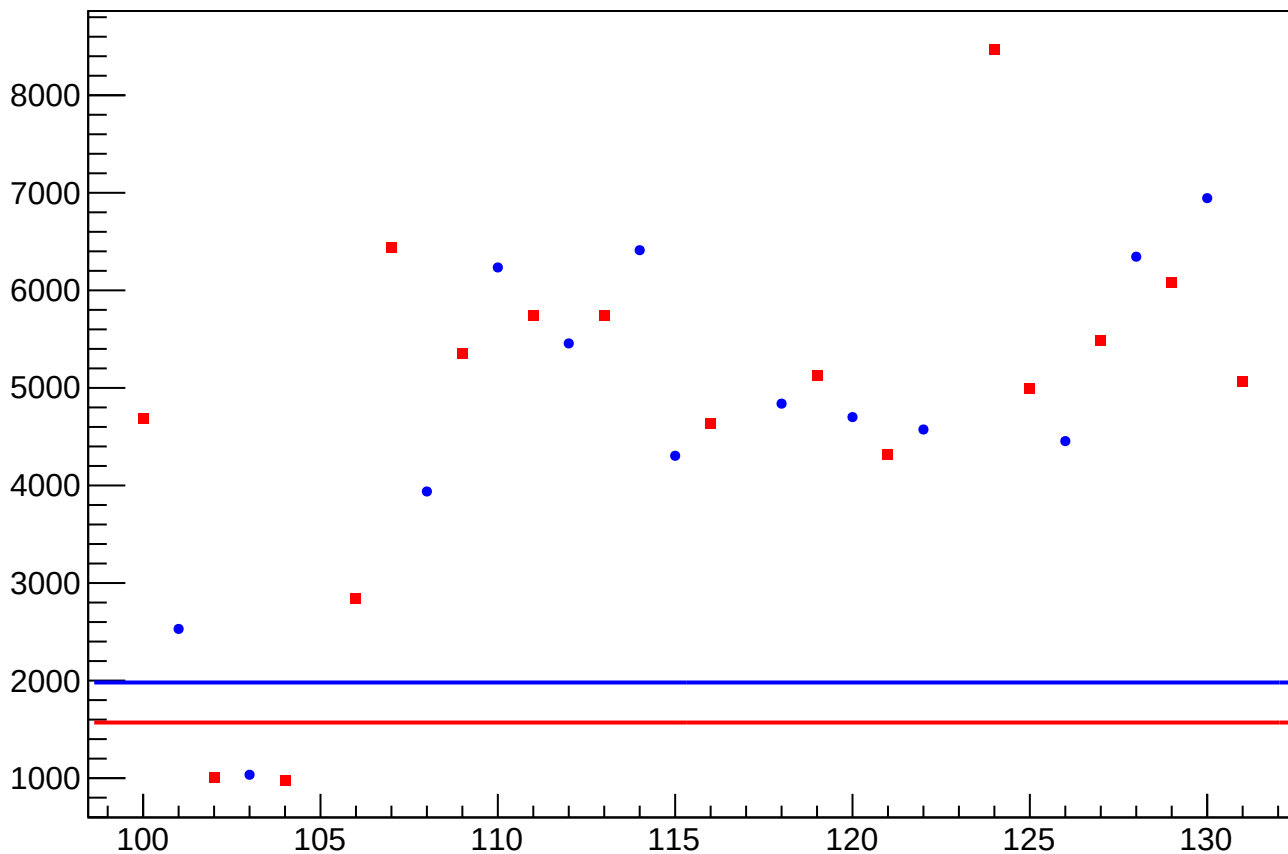
Right: -267.245+/-675.972 χ^2/NDF : 24.7/28

In: -908.593+/-1118.117 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.245+/-675.972 χ^2/NDF : 24.7/28

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1980.438+/-0.791 χ^2/NDF : 4309632.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.083+/-0.600 χ^2/NDF : 5708963.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

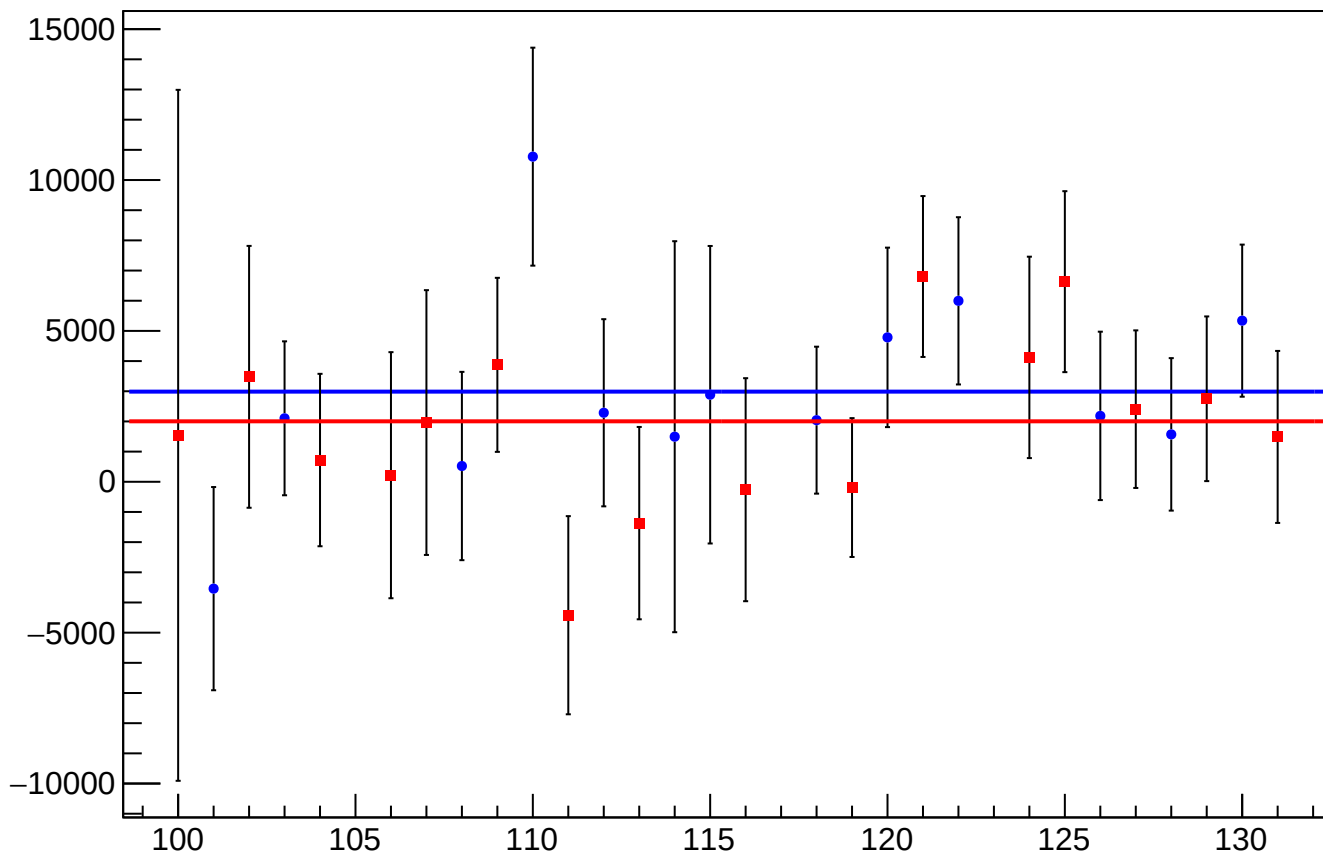
Right: 1720.066+/-0.478 χ^2/NDF : 10189522.4/28

In: 1980.438+/-0.791 χ^2/NDF : 4309632.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.066+/-0.478 χ^2/NDF : 10189522.4/28

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2987.773+/-831.978 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2003.856+/-786.945 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

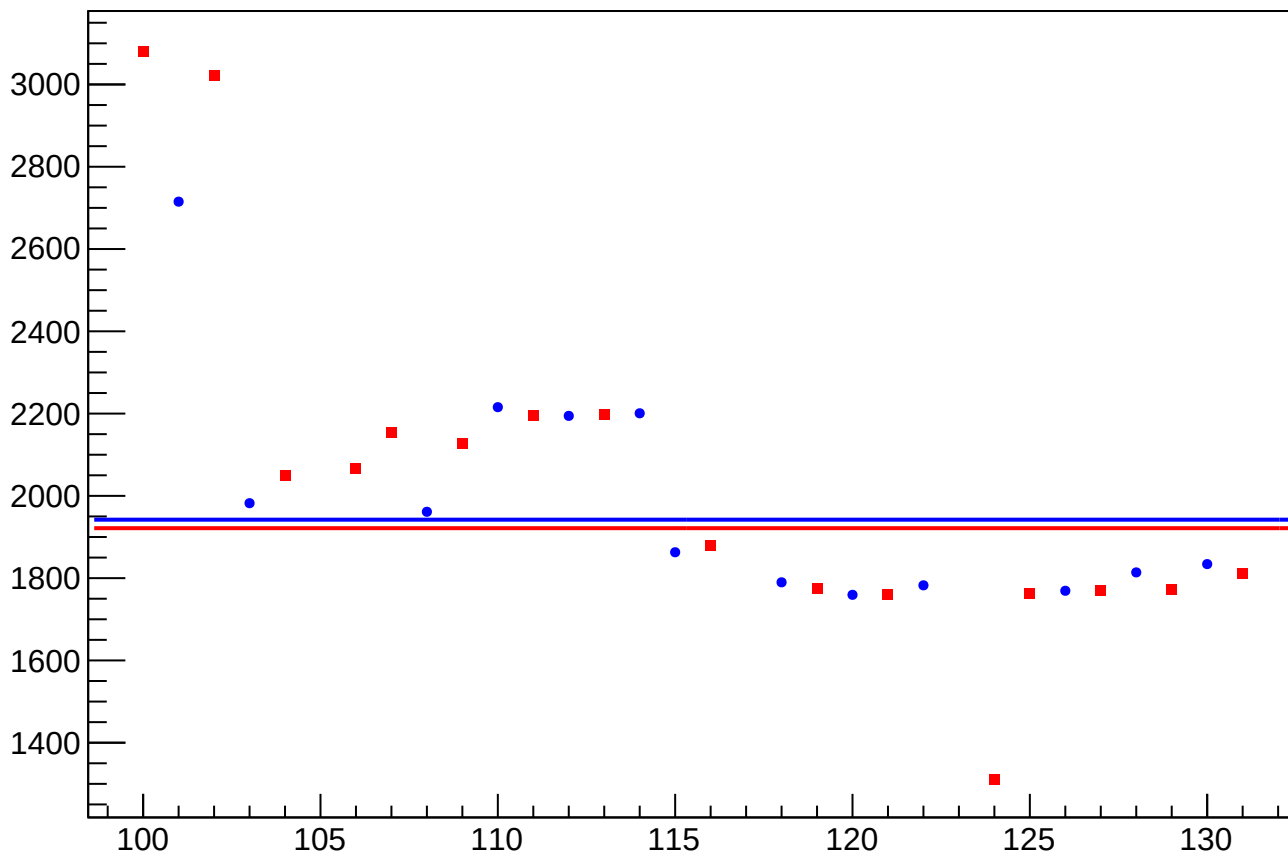
Right: 2468.466+/-571.712 χ^2/NDF : 26.3/28

In: 2987.773+/-831.978 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2468.466+/-571.712 χ^2/NDF : 26.3/28

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1942.161+/-0.588 χ^2/NDF : 172867.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.471+/-0.556 χ^2/NDF : 304590.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

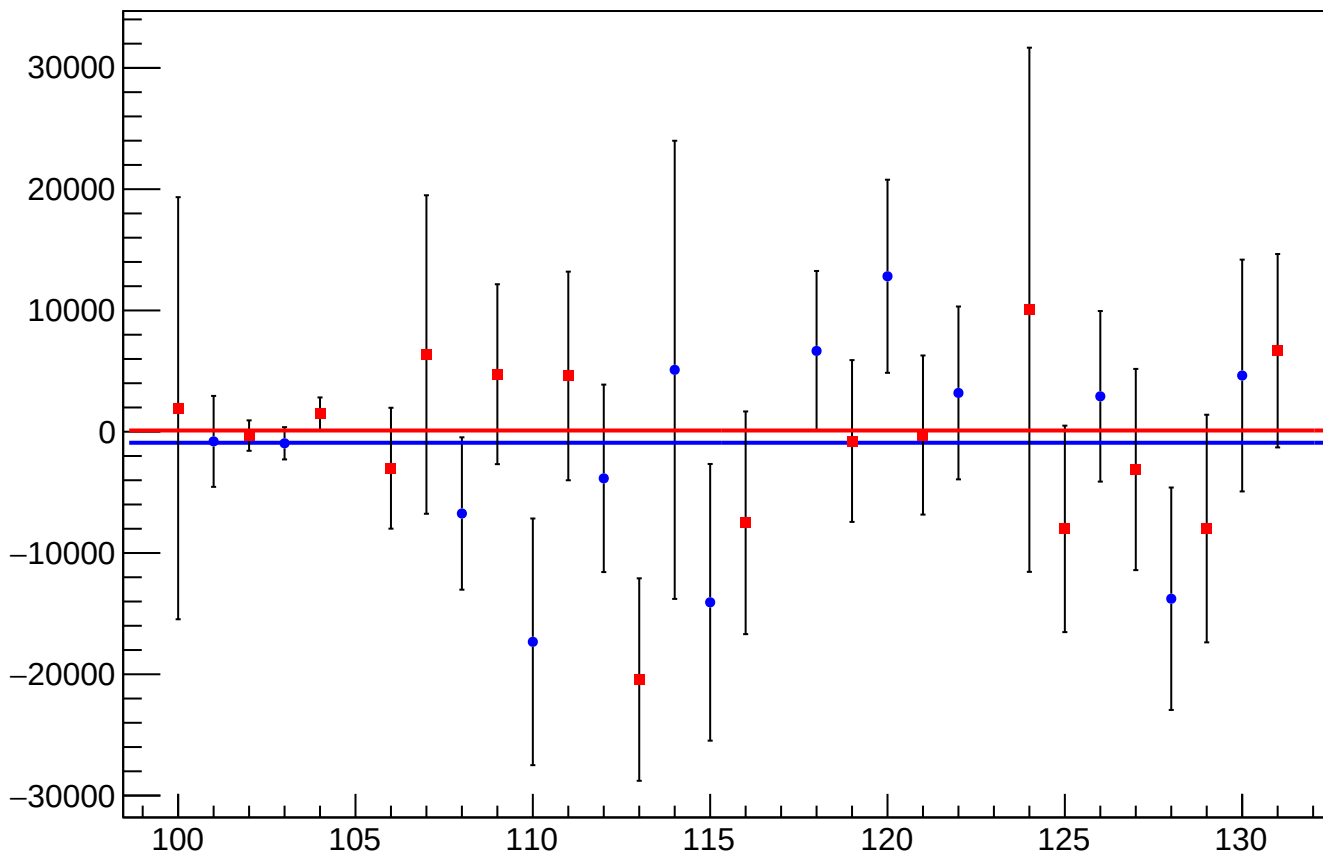
Right: 1931.231+/-0.404 χ^2/NDF : 478111.7/28

In: 1942.161+/-0.588 χ^2/NDF : 172867.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.231+/-0.404 χ^2/NDF : 478111.7/28

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -908.594 ± 1118.115 χ^2/NDF : 12.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 102.188 ± 848.617 χ^2/NDF : 11.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

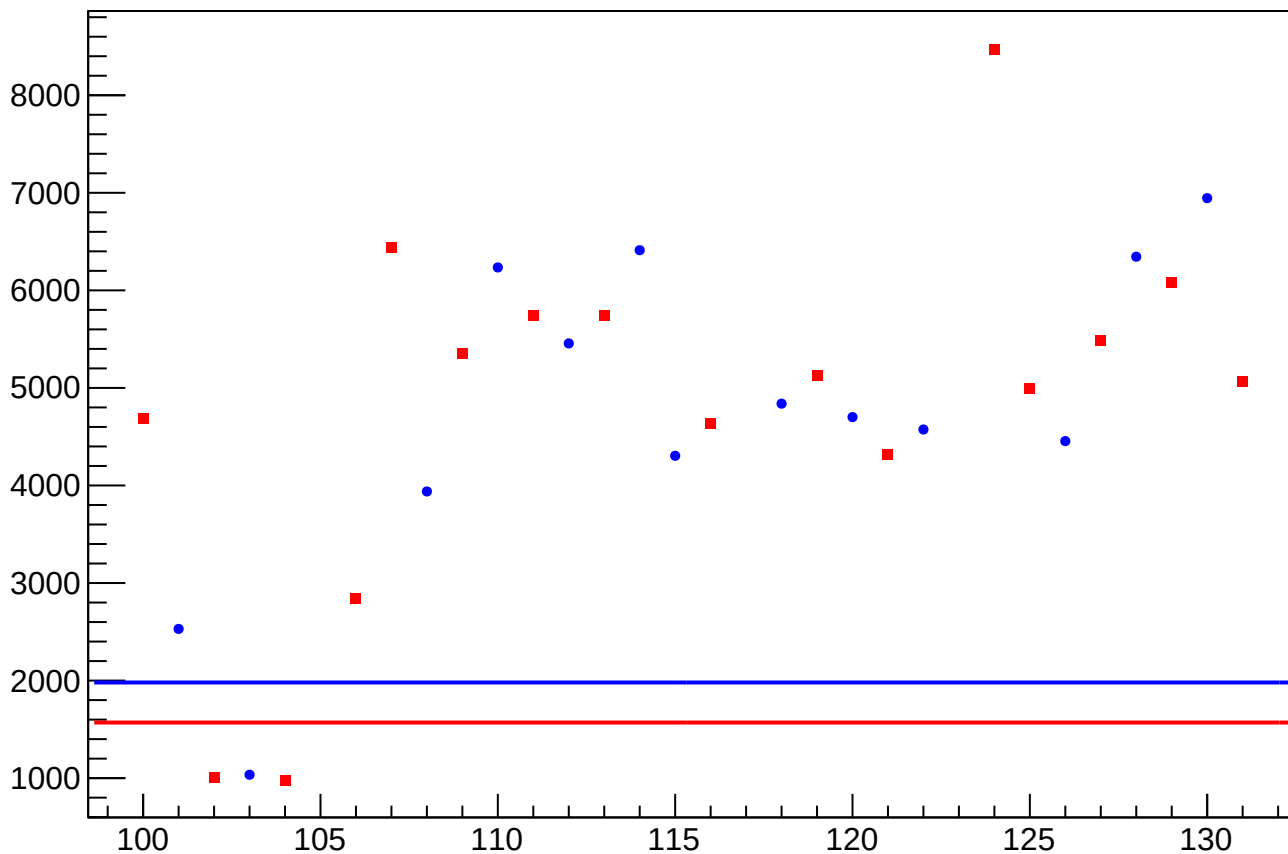
Right: -267.249 ± 675.972 χ^2/NDF : 24.7/28

In: -908.594 ± 1118.115 χ^2/NDF : 12.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -267.249 ± 675.972 χ^2/NDF : 24.7/28

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1980.437+/-0.791 χ^2/NDF : 4309622.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.083+/-0.600 χ^2/NDF : 5708954.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

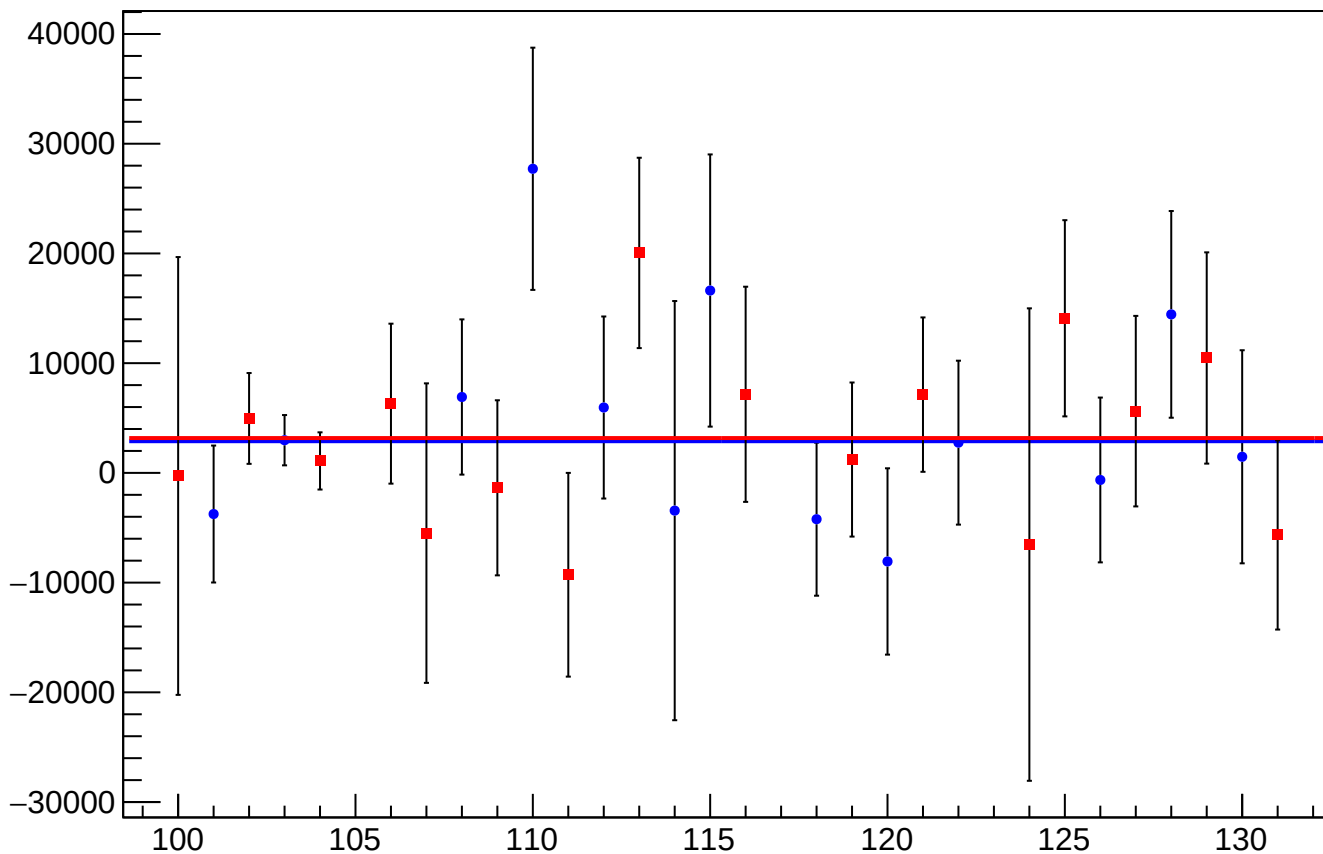
Right: 1720.066+/-0.478 χ^2/NDF : 10189503.0/28

In: 1980.437+/-0.791 χ^2/NDF : 4309622.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.066+/-0.478 χ^2/NDF : 10189503.0/28

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2887.920+/-1666.754 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3173.316+/-1630.981 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

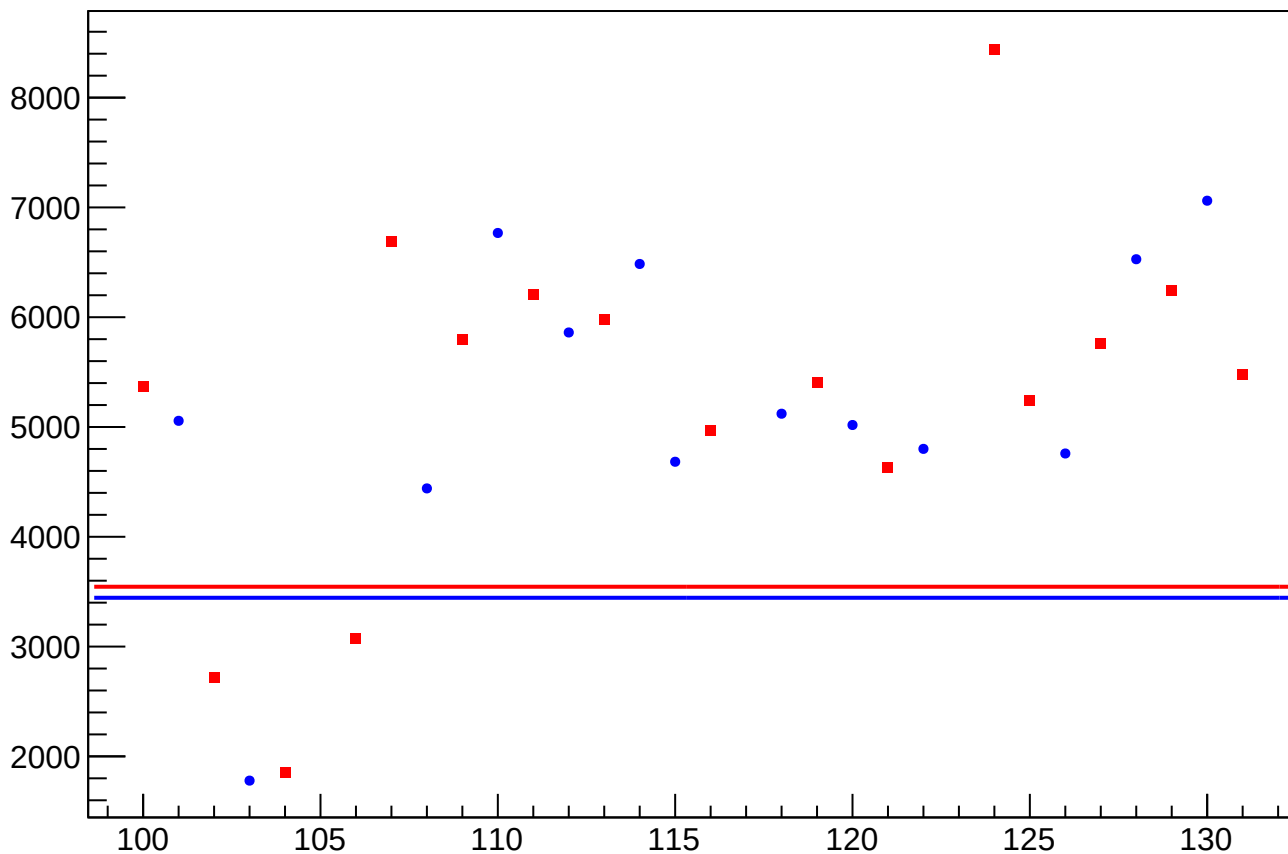
Right: 3033.714+/-1165.720 χ^2/NDF : 23.8/28

In: 2887.920+/-1666.754 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3033.714+/-1165.720 χ^2/NDF : 23.8/28

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3444.548+/-1.179 χ^2/NDF : 2453900.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.001+/-1.141 χ^2/NDF : 2335193.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

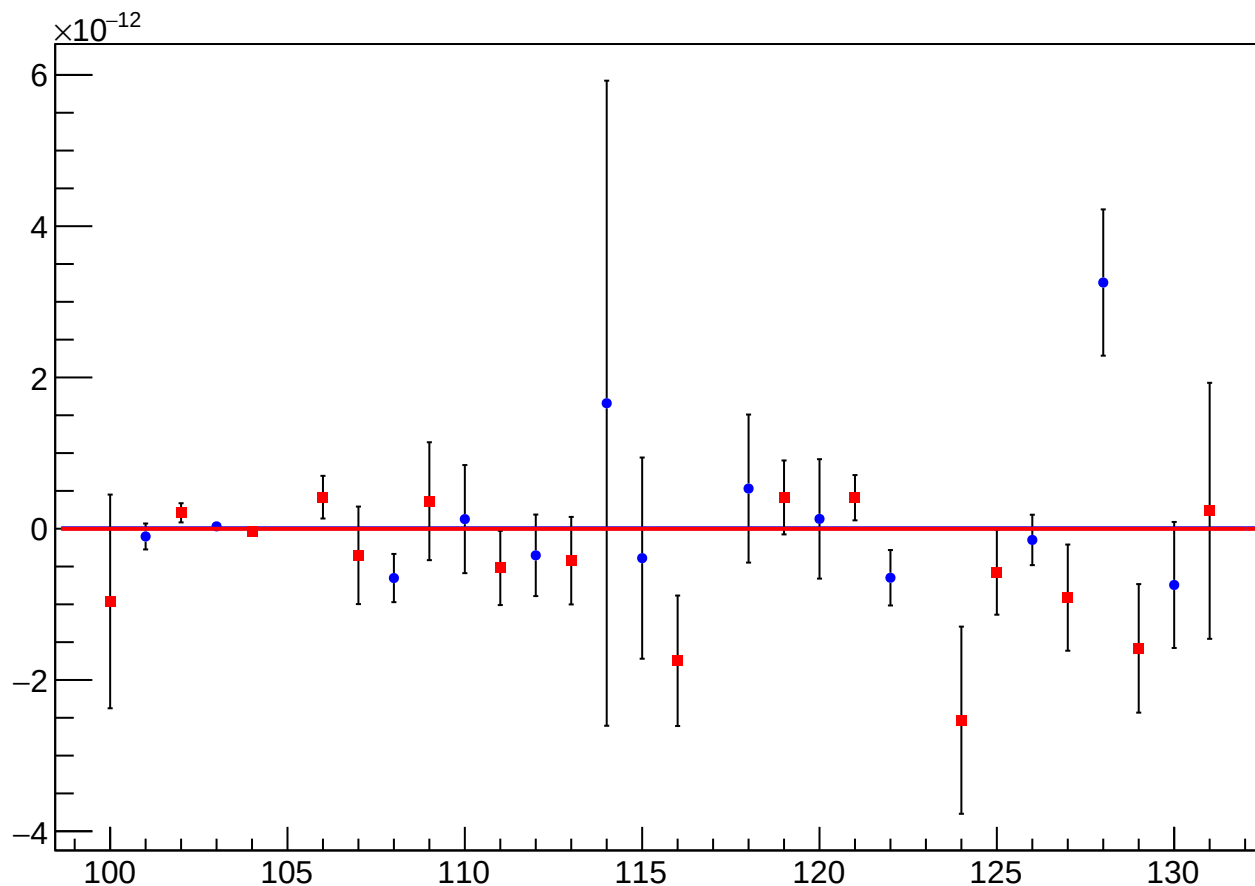
Right: 3496.419+/-0.820 χ^2/NDF : 4792845.4/28

In: 3444.548+/-1.179 χ^2/NDF : 2453900.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3496.419+/-0.820 χ^2/NDF : 4792845.4/28

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

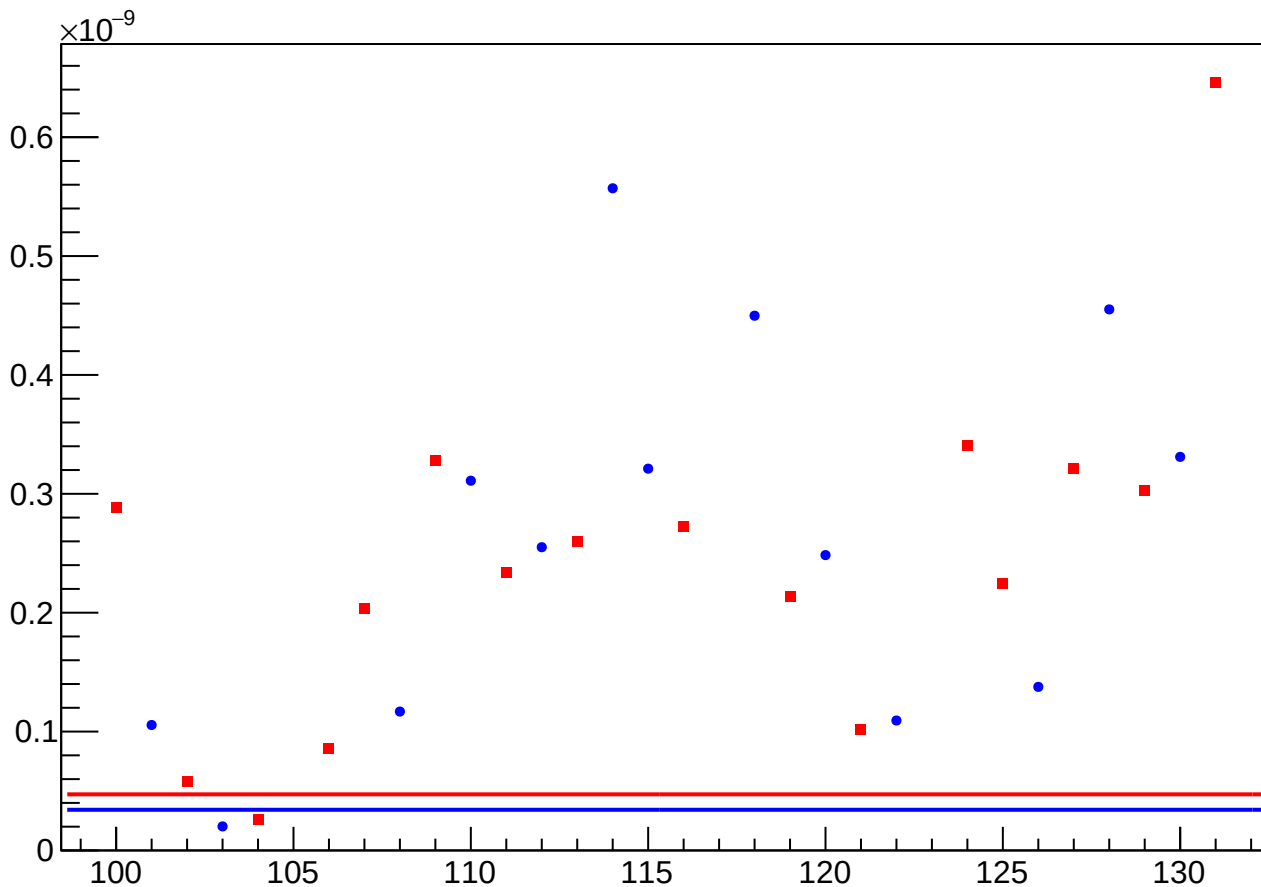
Right: 0.000+/-0.000 χ^2/NDF : 46.6/28

In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46.6/28

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2876455.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2828709.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

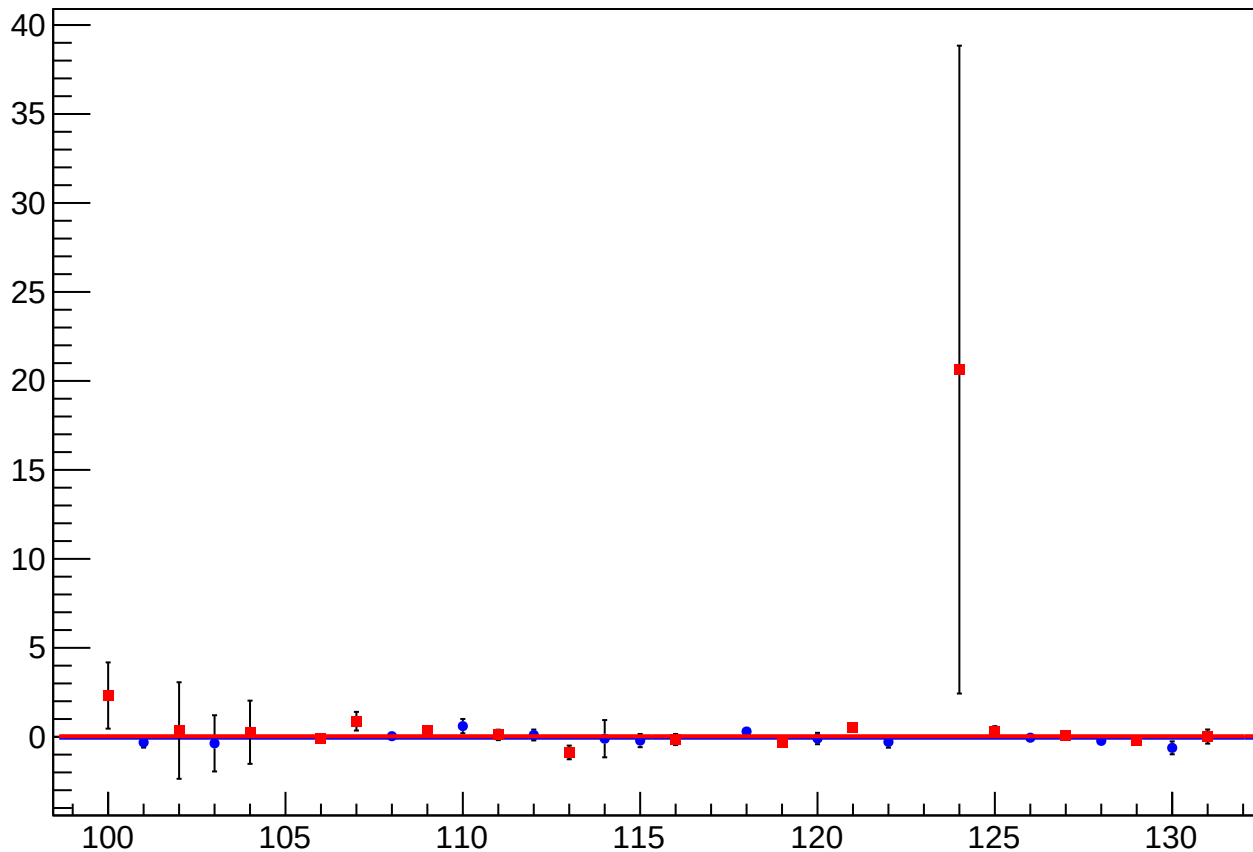
Right: 0.000+/-0.000 χ^2/NDF : 5792421.3/28

In: 0.000+/-0.000 χ^2/NDF : 2876455.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5792421.3/28

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049 $\pm$ 0.087 χ^2 /NDF: 9.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.034 $\pm$ 0.083 χ^2 /NDF: 20.2/15

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

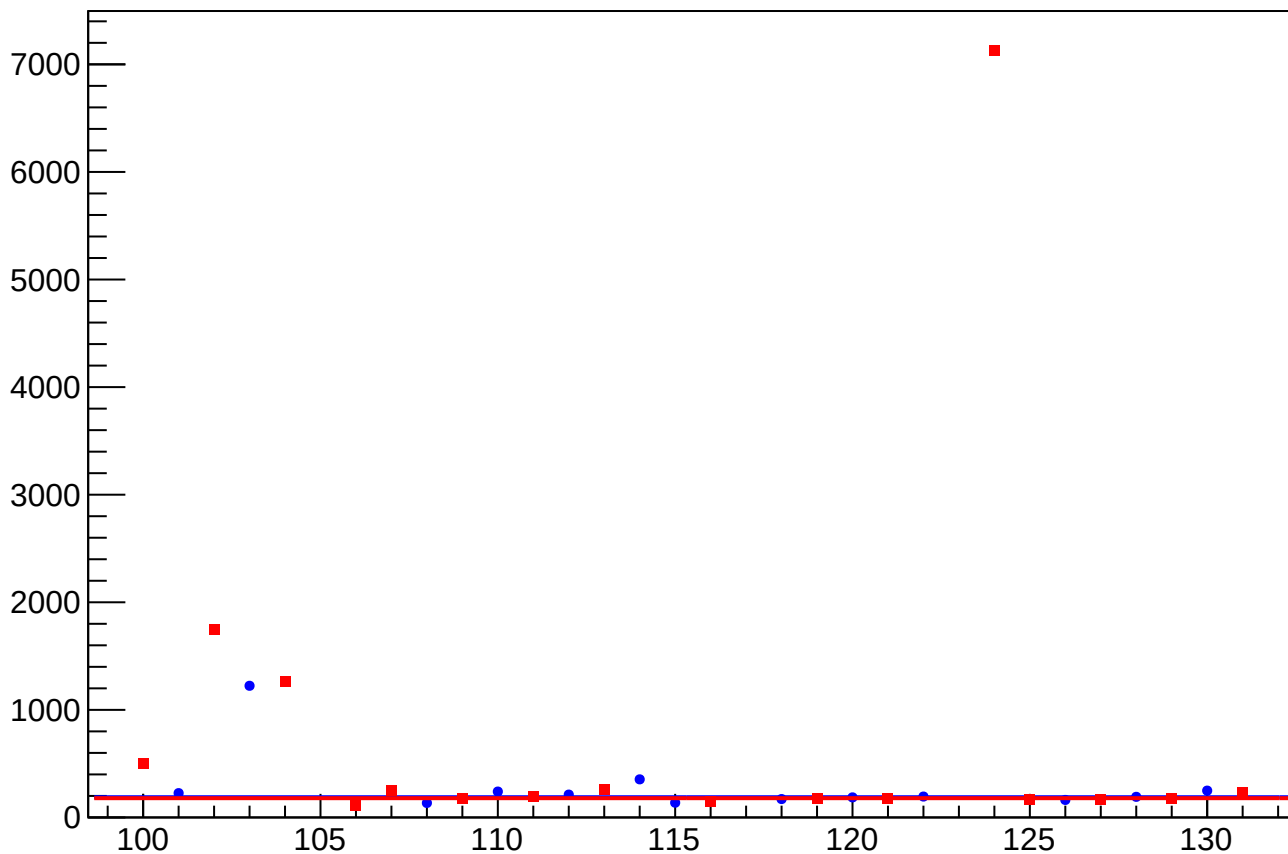
Right: -0.006 $\pm$ 0.060 χ^2 /NDF: 30.4/28

In: -0.049 $\pm$ 0.087 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.060 χ^2 /NDF: 30.4/28

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.141+/-0.059 χ^2/NDF : 2129953.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

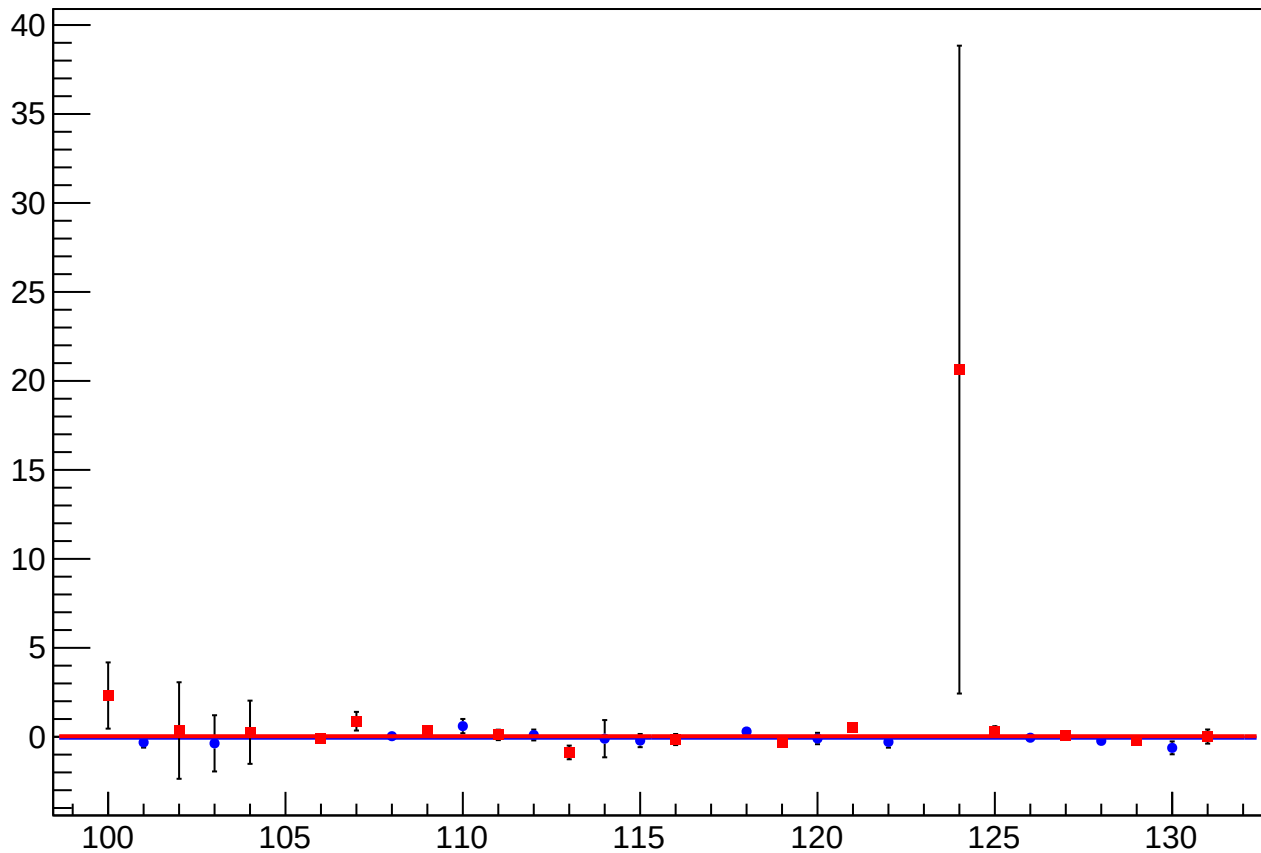
Right: 183.391+/-0.043 χ^2/NDF : 3374694.3/28

In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.391+/-0.043 χ^2/NDF : 3374694.3/28

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049 ± 0.087 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.034 ± 0.083 χ^2/NDF : 20.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

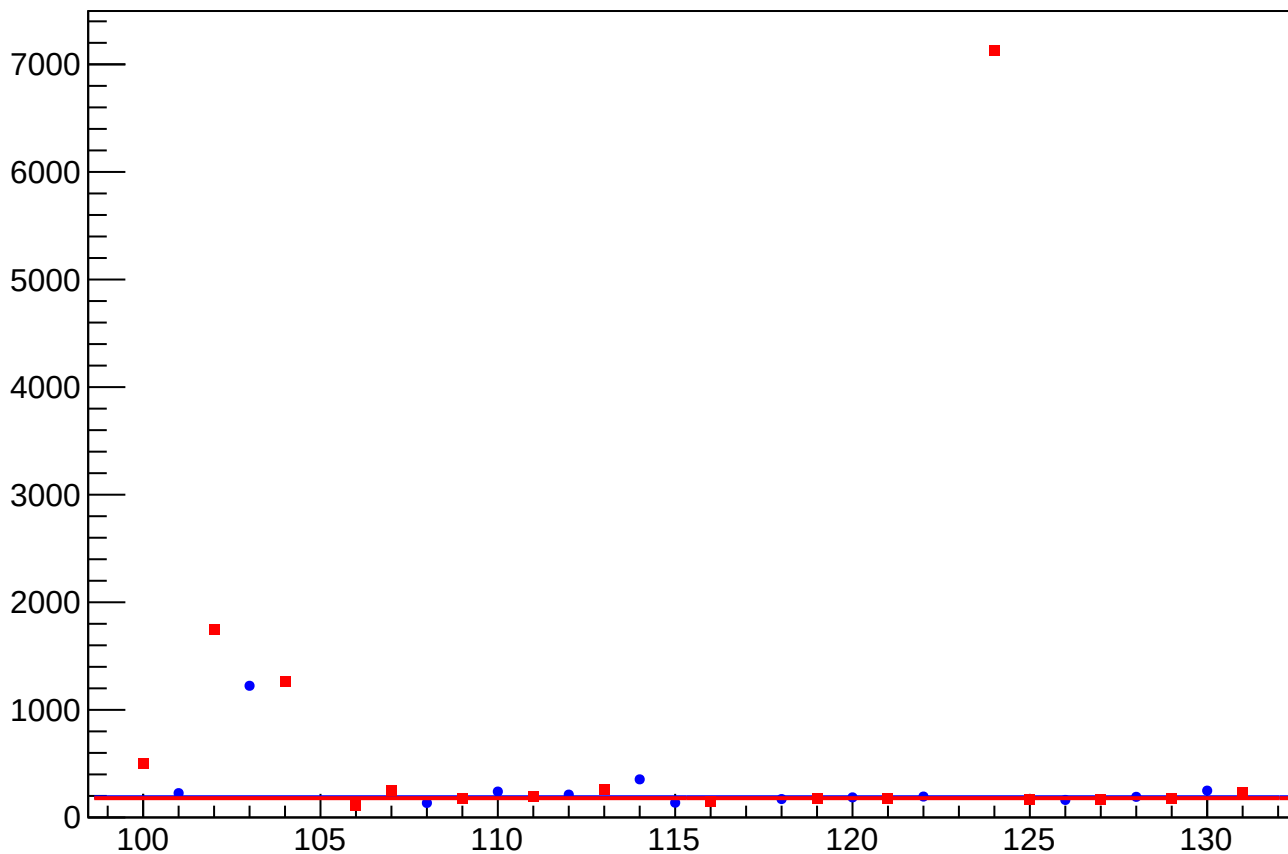
Right: -0.006 ± 0.060 χ^2/NDF : 30.4/28

In: -0.049 ± 0.087 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.060 χ^2/NDF : 30.4/28

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.141+/-0.059 χ^2/NDF : 2129953.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

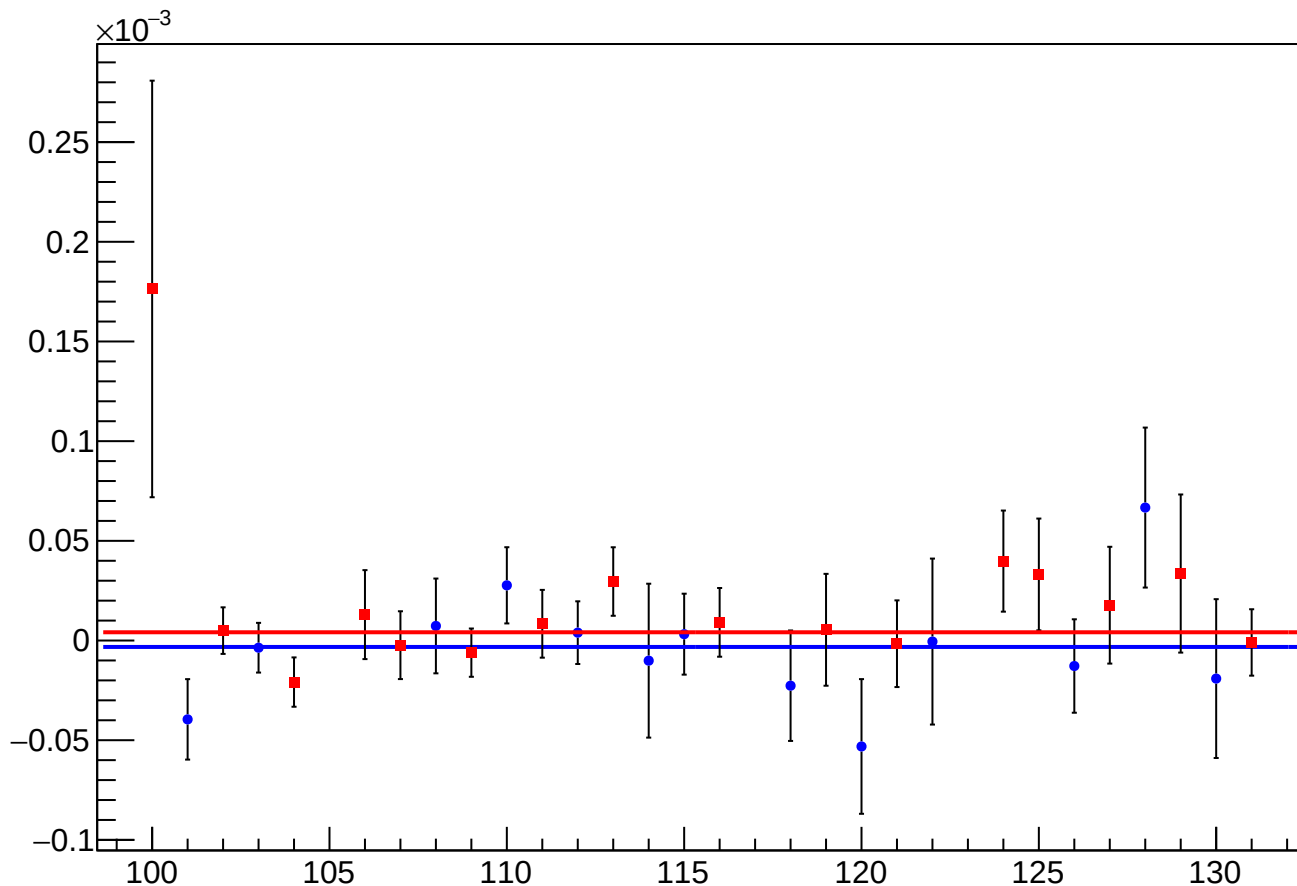
Right: 183.391+/-0.043 χ^2/NDF : 3374694.3/28

In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.391+/-0.043 χ^2/NDF : 3374694.3/28

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/12

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

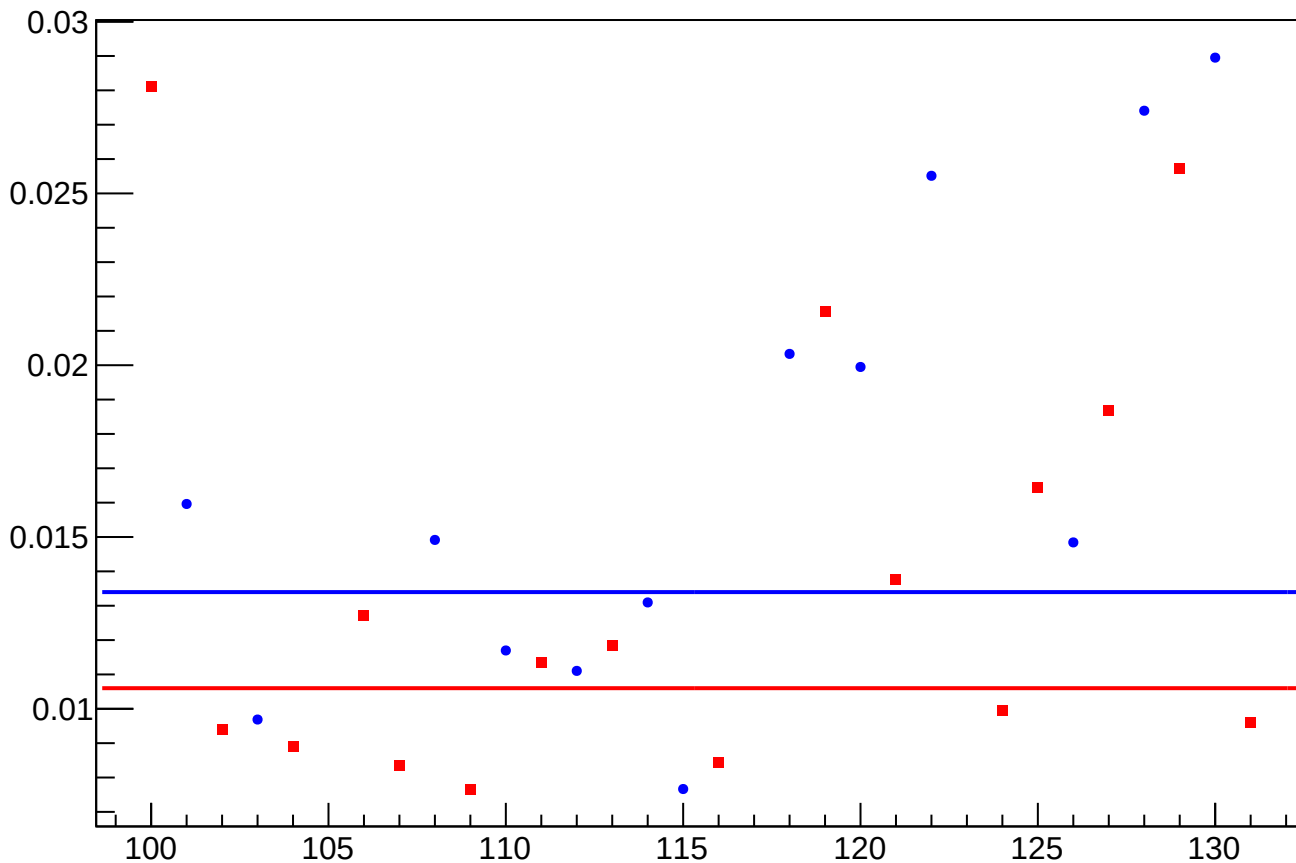
Right: 0.000+/-0.000 χ^2/NDF : 27.5/28

In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/28

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1361756.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1219660.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

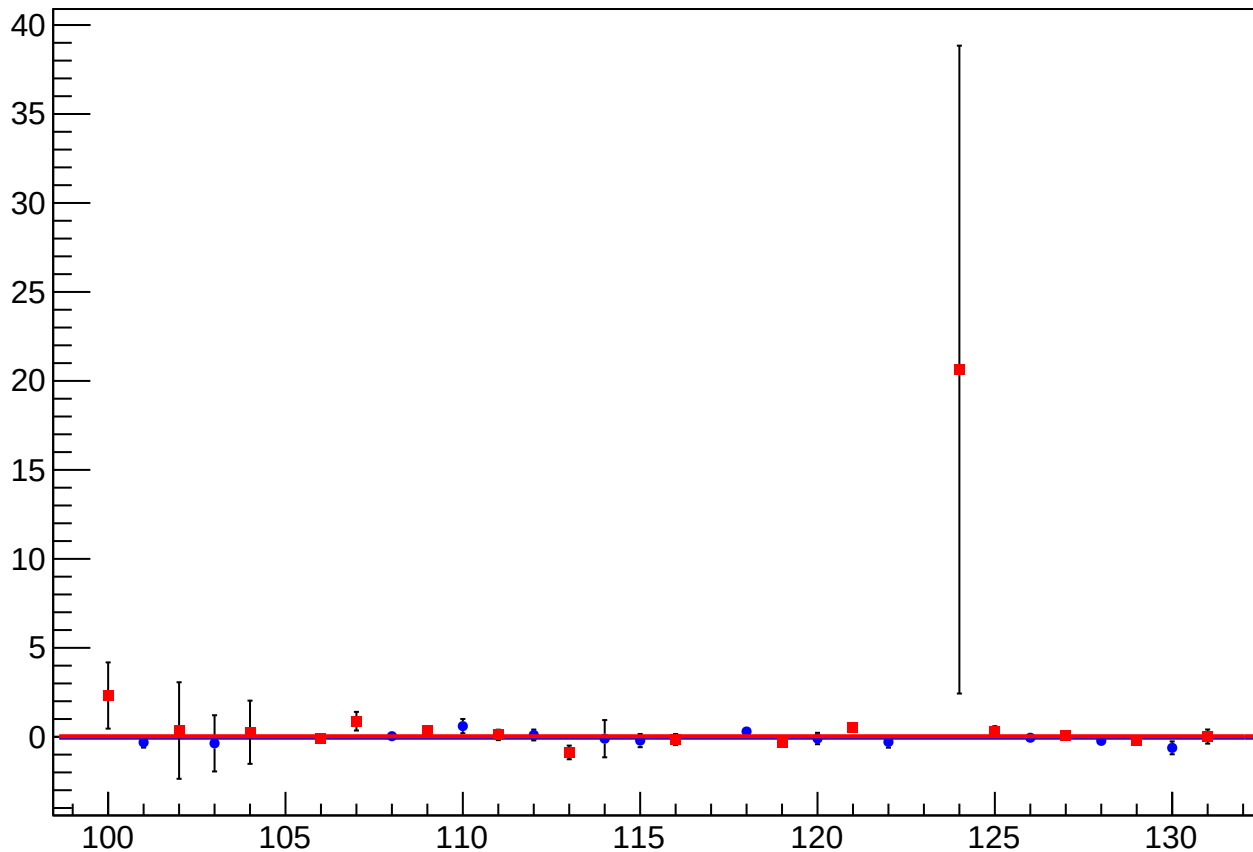
Right: 0.012+/-0.000 χ^2/NDF : 2847788.0/28

In: 0.013+/-0.000 χ^2/NDF :1361756.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 2847788.0/28

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.087 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.034 ± 0.083 χ^2/NDF : 20.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

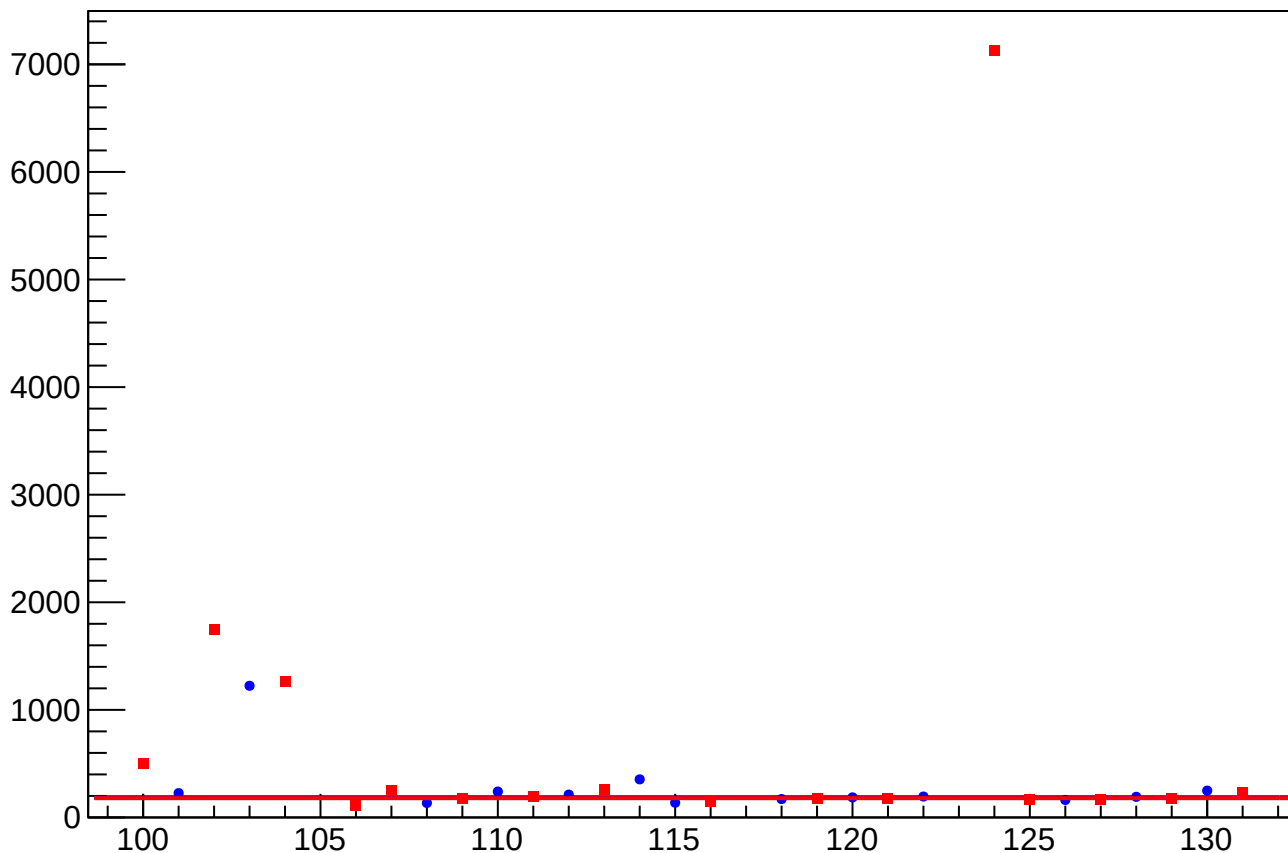
Right: -0.006 ± 0.060 χ^2/NDF : 30.4/28

In: -0.050 ± 0.087 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.060 χ^2/NDF : 30.4/28

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.138+/-0.059 χ^2/NDF : 2129978.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

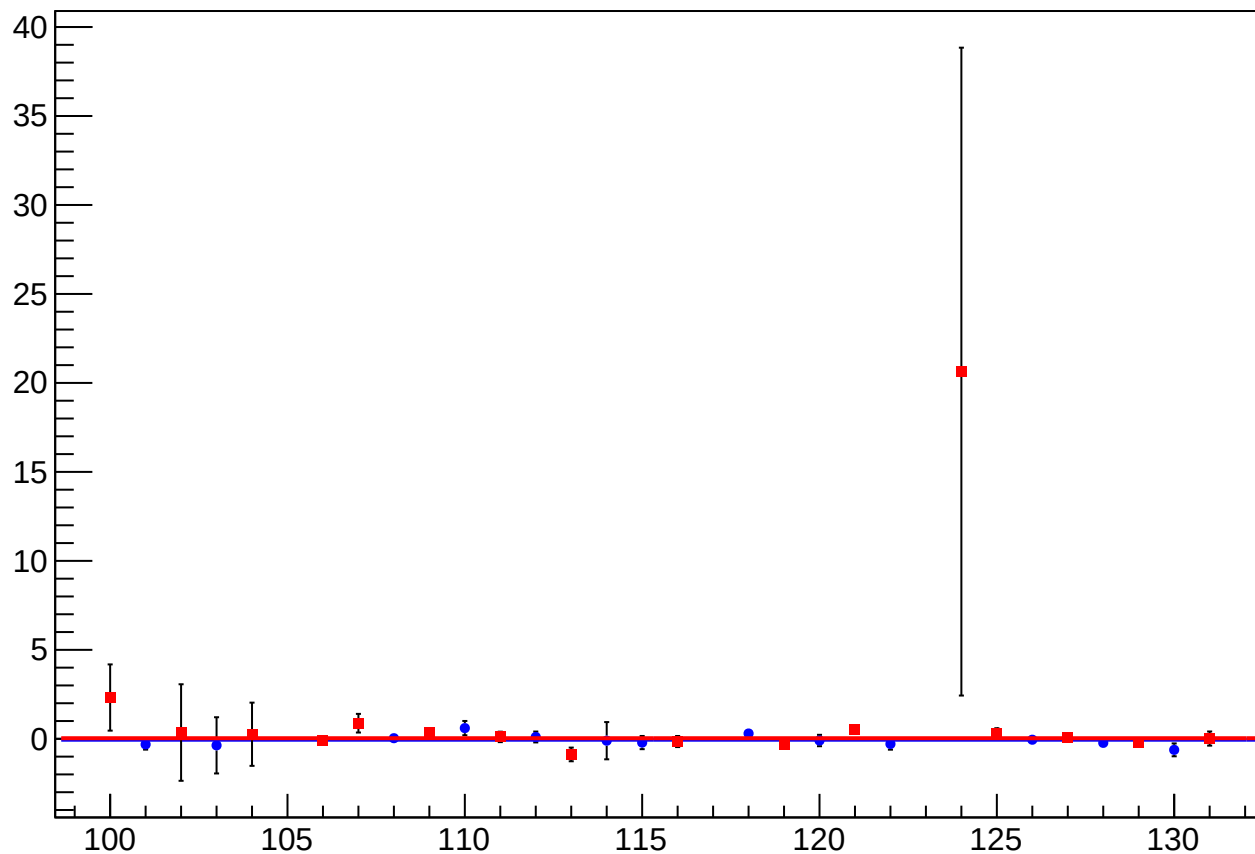
Right: 183.388+/-0.043 χ^2/NDF : 3374704.2/28

In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.388+/-0.043 χ^2/NDF : 3374704.2/28

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.087 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.034+/-0.083 χ^2/NDF : 20.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

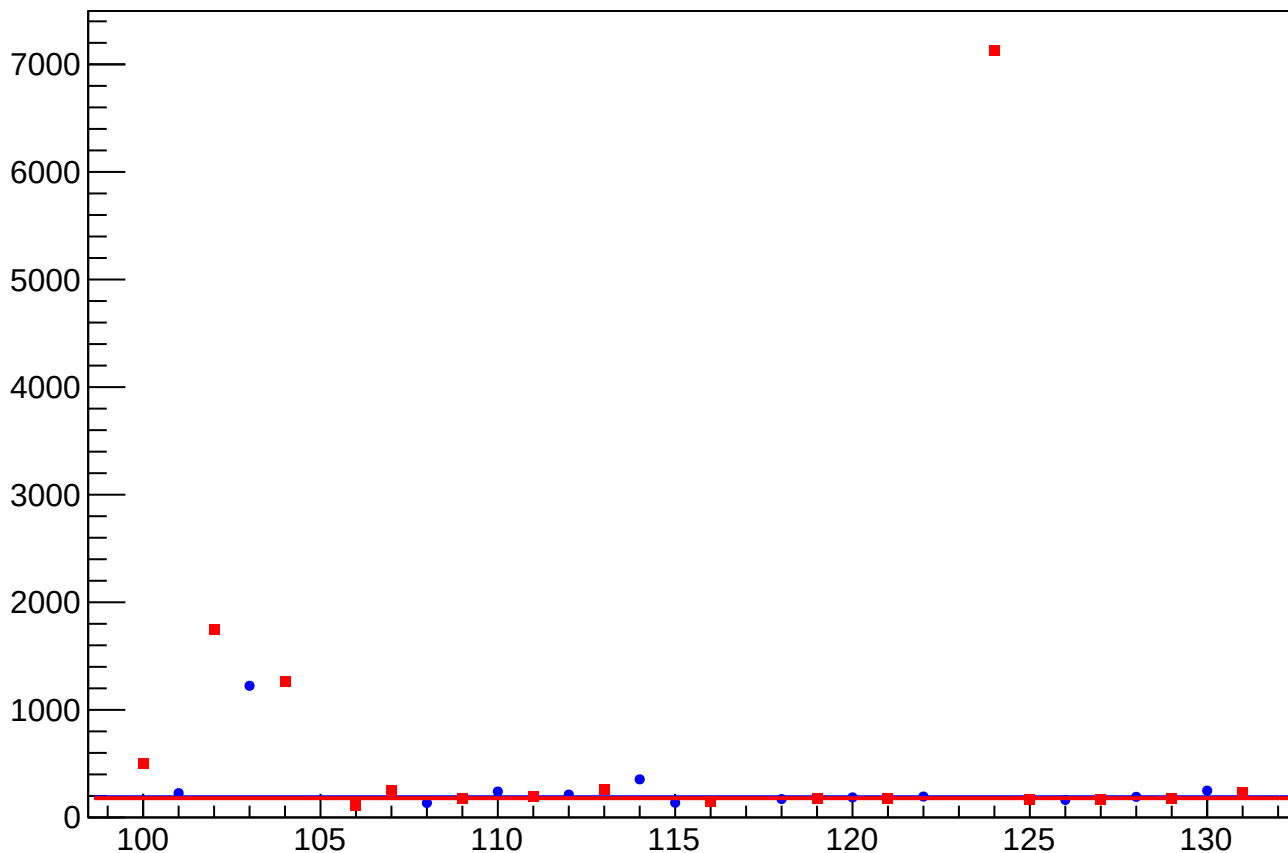
Right: -0.006+/-0.060 χ^2/NDF : 30.4/28

In: -0.050+/-0.087 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.060 χ^2/NDF : 30.4/28

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.138+/-0.059 χ^2/NDF : 2129978.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

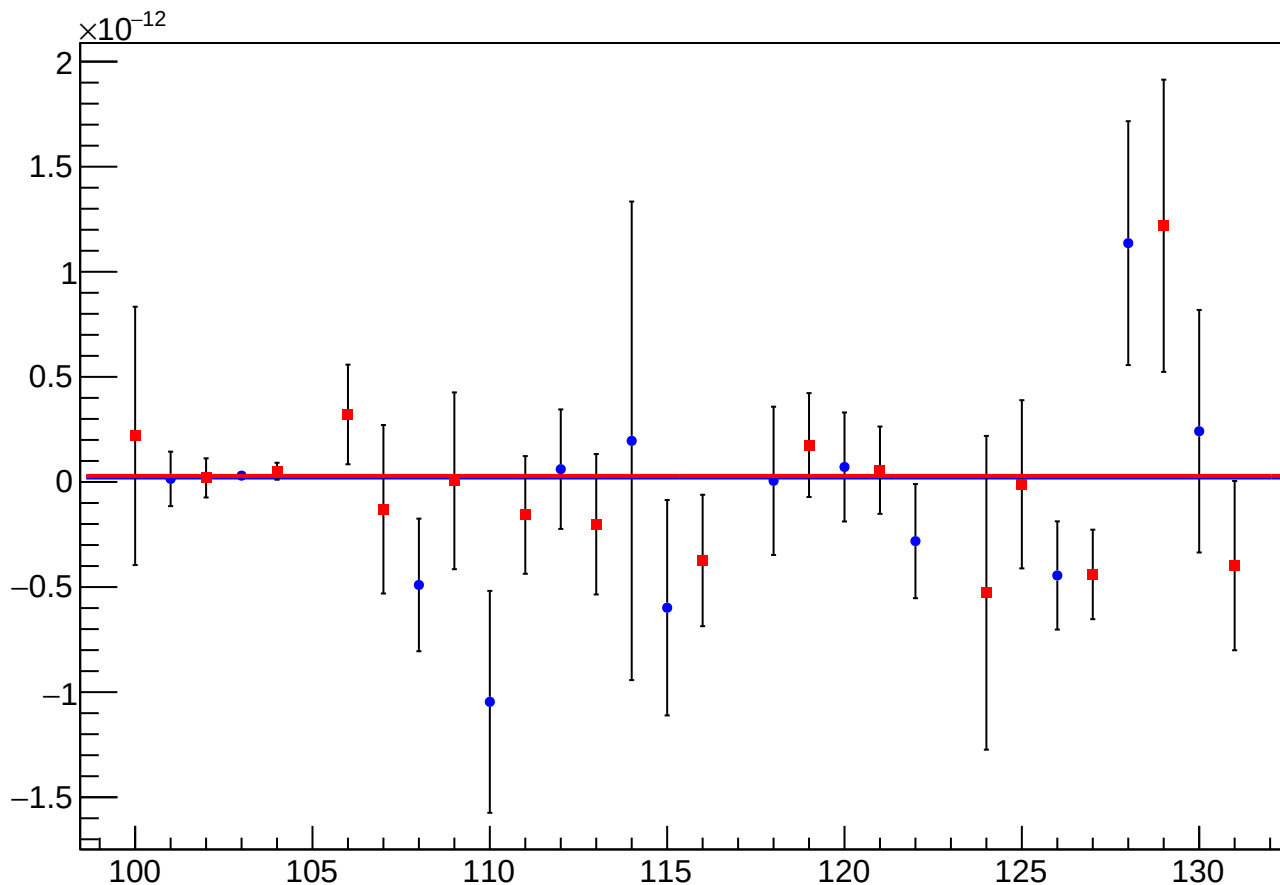
Right: 183.388+/-0.043 χ^2/NDF : 3374704.2/28

In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.388+/-0.043 χ^2/NDF : 3374704.2/28

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

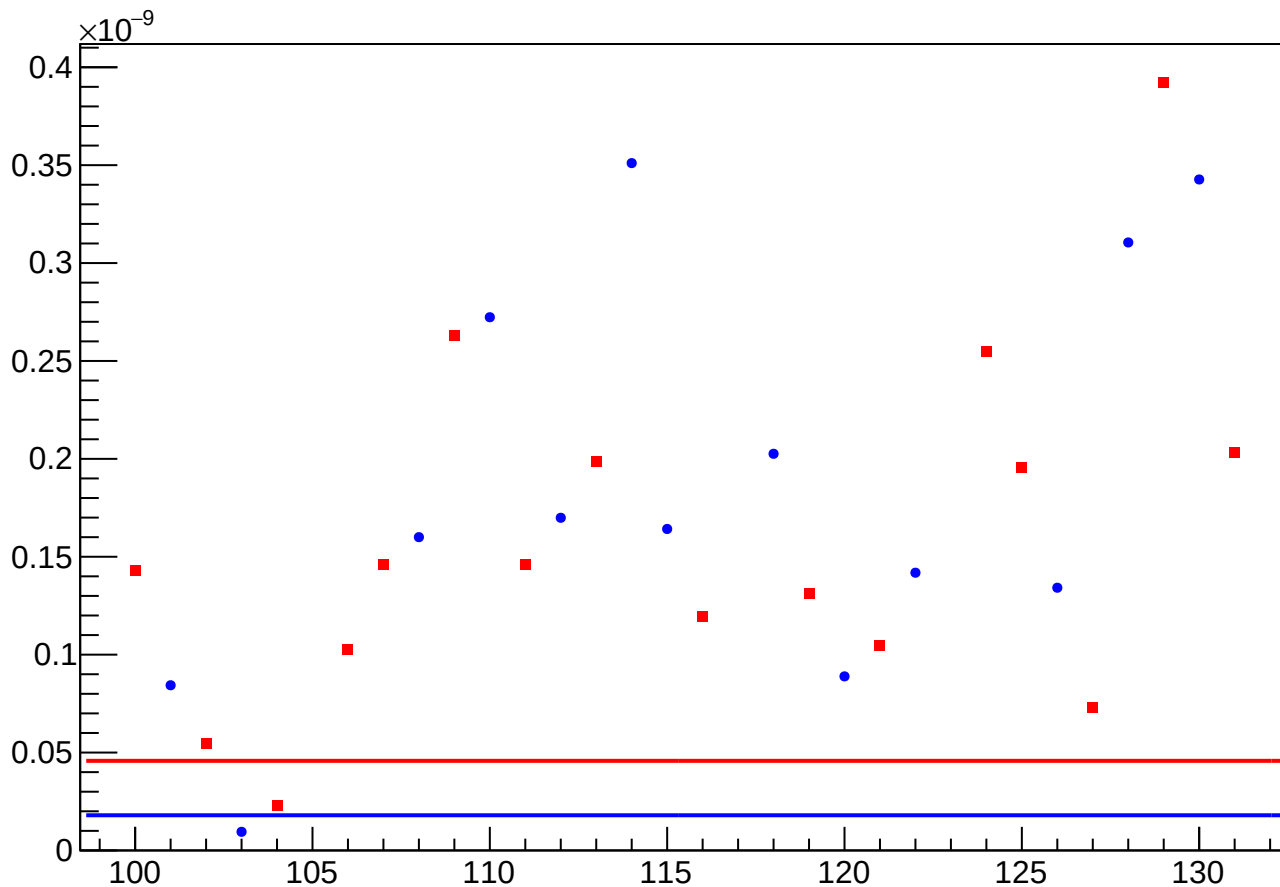
Right: 0.000+/-0.000 χ^2/NDF : 31.3/28

In: 0.000+/-0.000 χ^2/NDF : 16.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.3/28

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5247838.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3928274.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

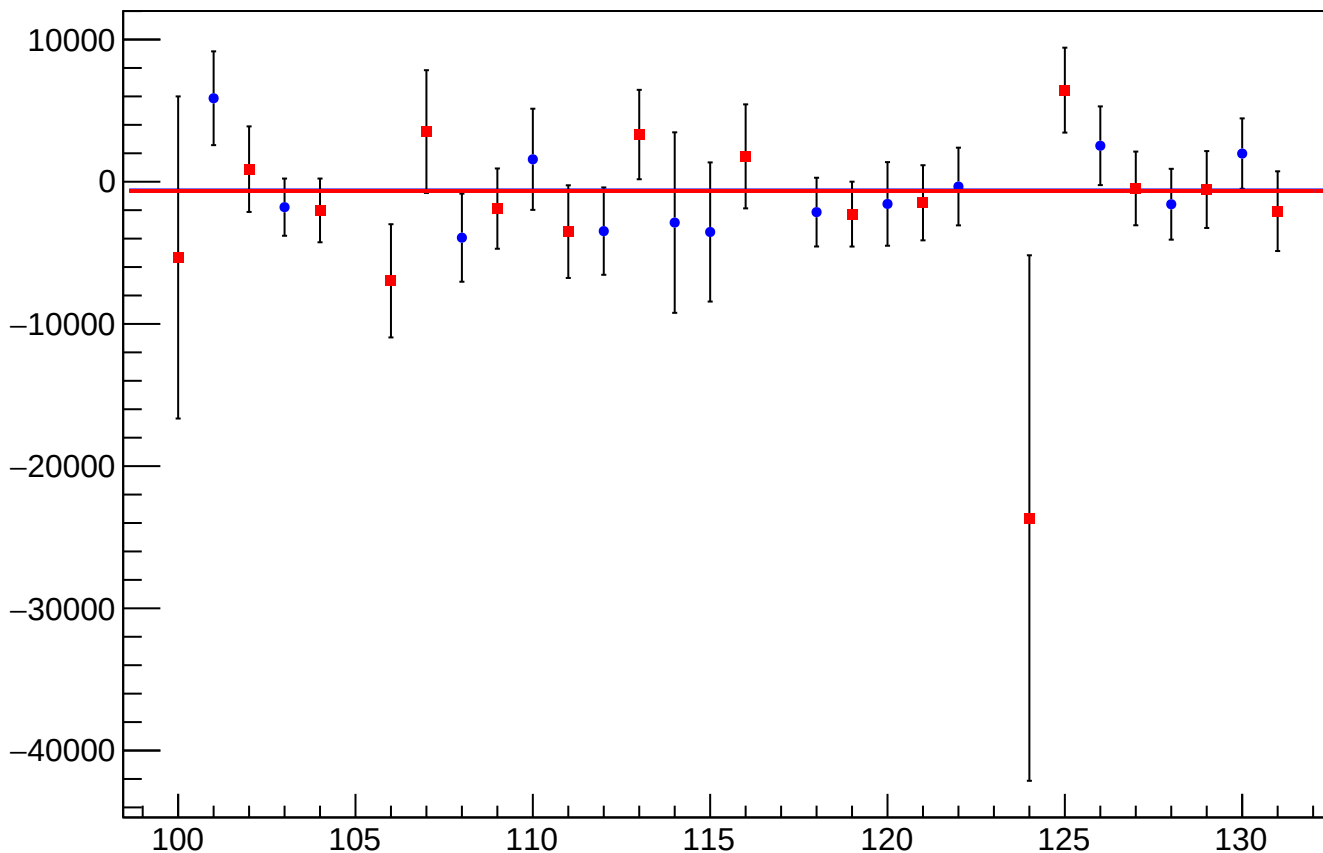
Right: 0.000+/-0.000 χ^2/NDF : 10134215.1/28

In: 0.000+/-0.000 χ^2/NDF : 5247838.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10134215.1/28

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -615.962+/-797.938 χ^2 /NDF: 10.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -649.634+/-768.443 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

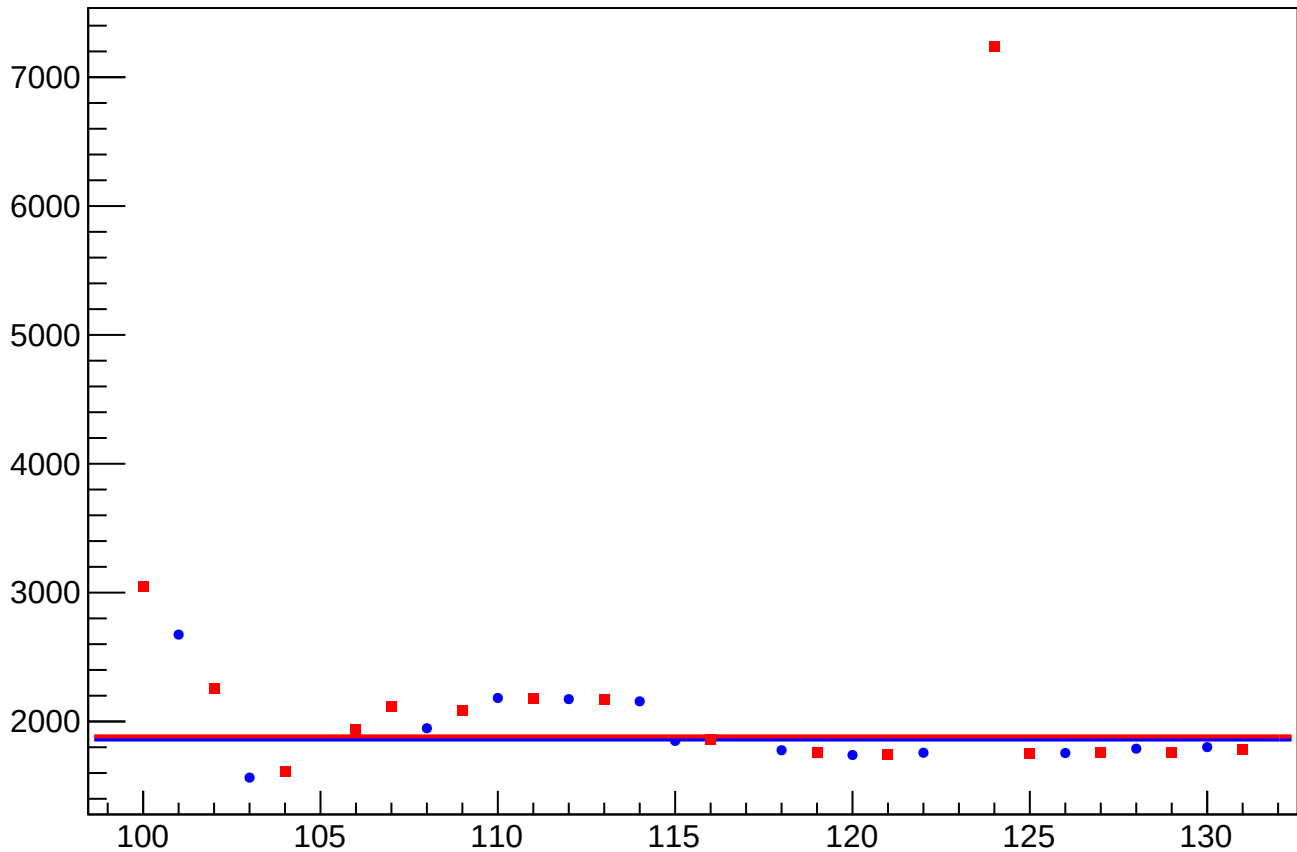
Right: -633.432+/-553.505 χ^2 /NDF: 25.5/28

In: -615.962+/-797.938 χ^2 /NDF:10.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -633.432+/-553.505 χ^2 /NDF: 25.5/28

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1859.940+/-0.564 χ^2/NDF : 222479.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.440+/-0.542 χ^2/NDF : 326607.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

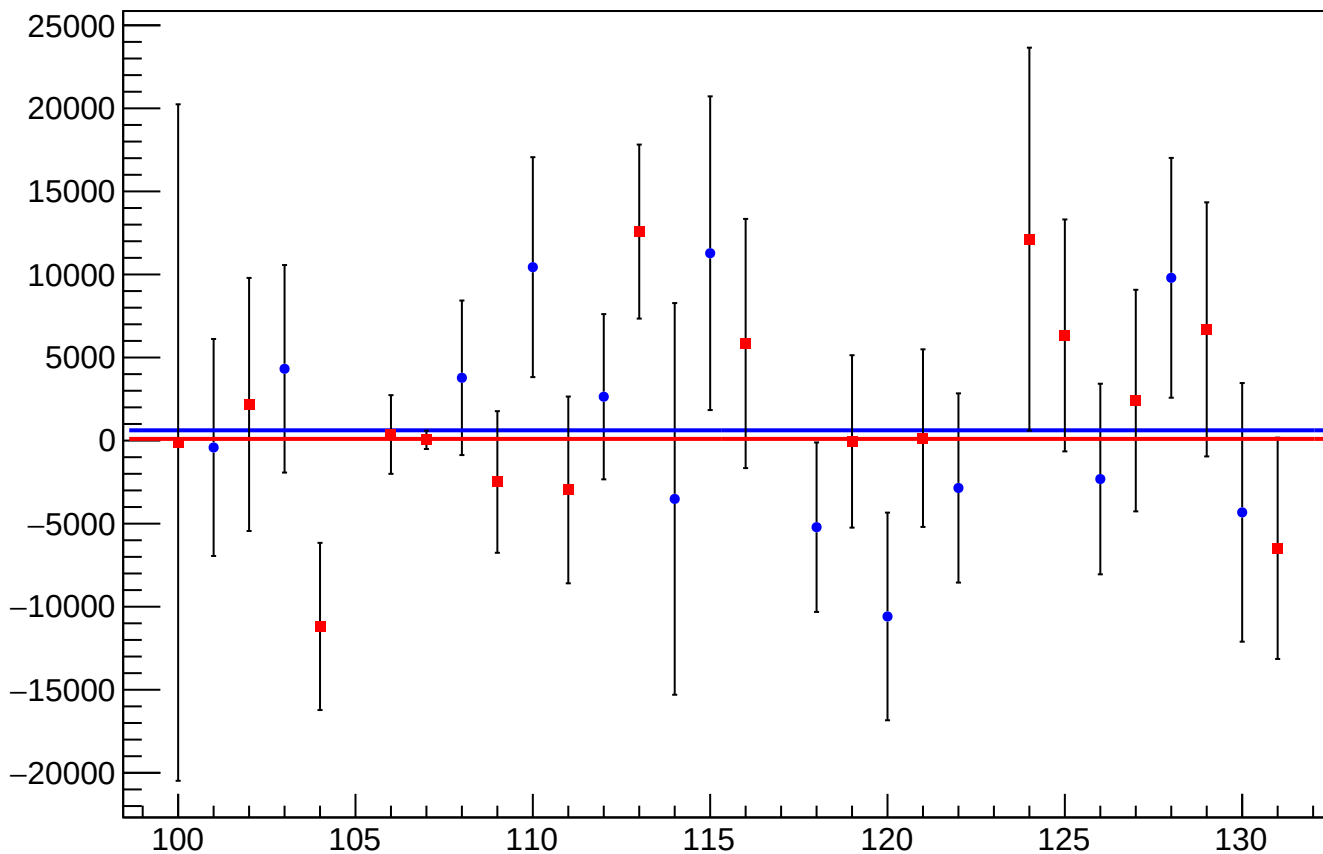
Right: 1872.685+/-0.391 χ^2/NDF : 550068.1/28

In: 1859.940+/-0.564 χ^2/NDF : 222479.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.685+/-0.391 χ^2/NDF : 550068.1/28

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 619.000 $\pm$ 1720.343 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.683 $\pm$ 510.207 χ^2 /NDF: 15.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

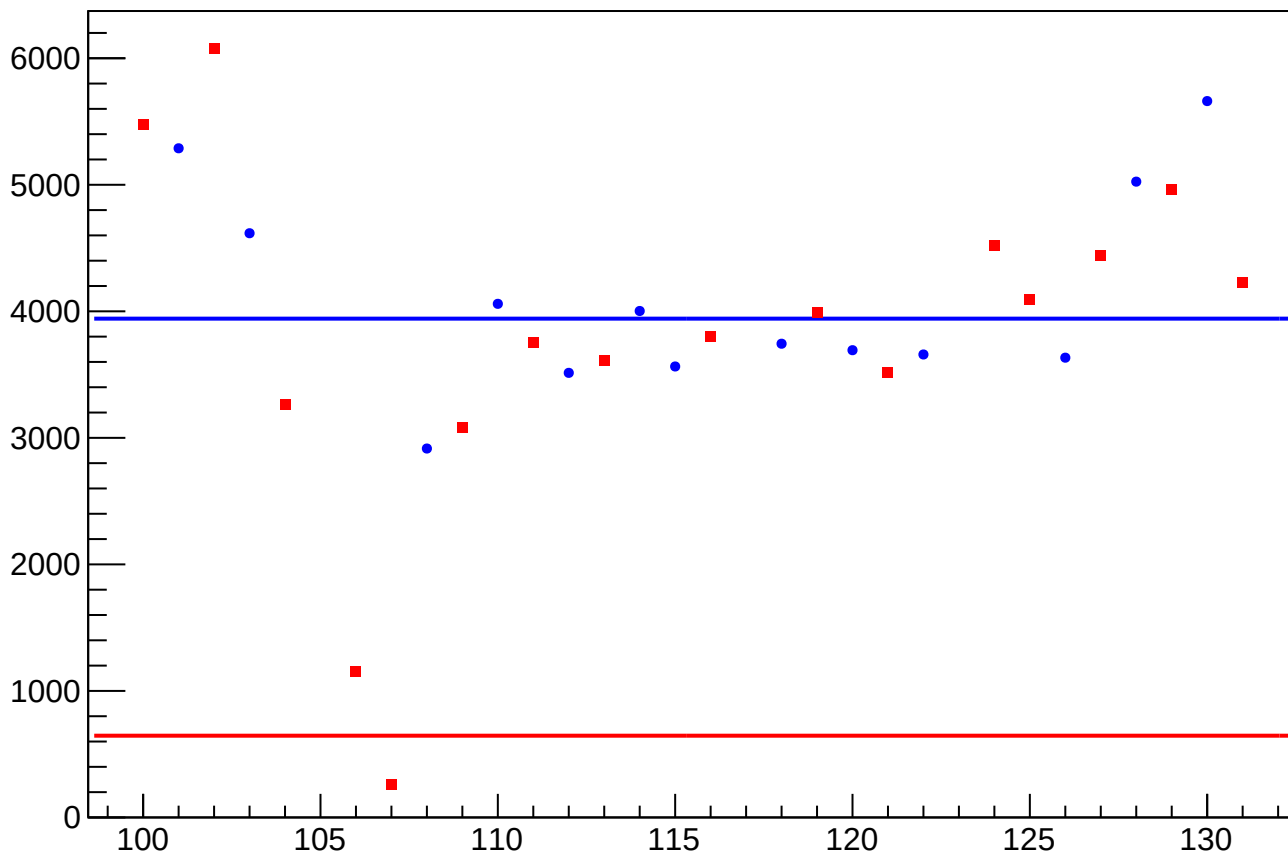
Right: 142.586 $\pm$ 489.148 χ^2 /NDF: 27.6/28

In: 619.000 $\pm$ 1720.343 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.586 $\pm$ 489.148 χ^2 /NDF: 27.6/28

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3942.111+/-1.216 χ^2/NDF : 383986.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.151+/-0.361 χ^2/NDF : 8968478.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

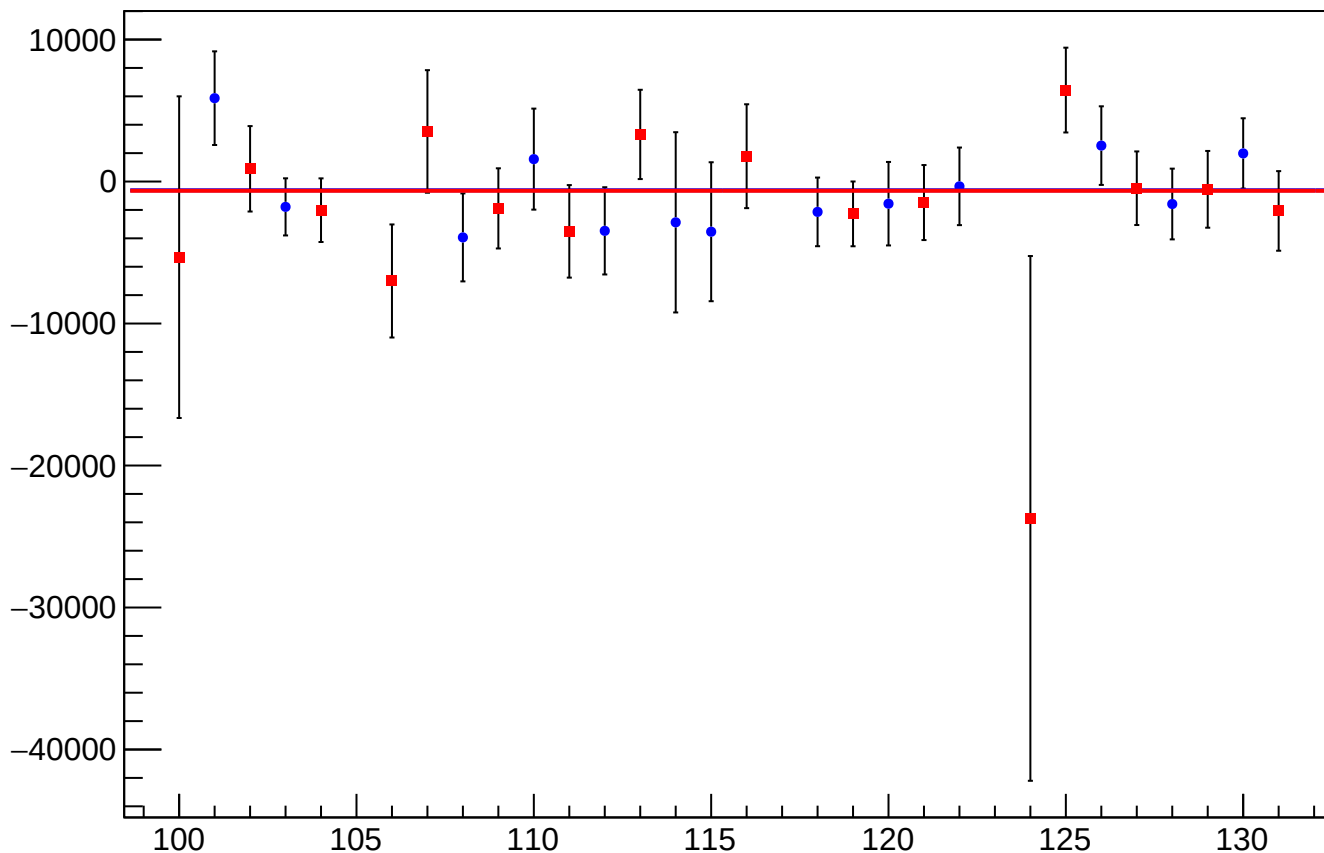
Right: 912.612+/-0.346 χ^2/NDF : 16100120.5/28

In: 3942.111+/-1.216 χ^2/NDF : 383986.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.612+/-0.346 χ^2/NDF : 16100120.5/28

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -615.363+/-797.939 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.197+/-768.445 χ^2/NDF : 15.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

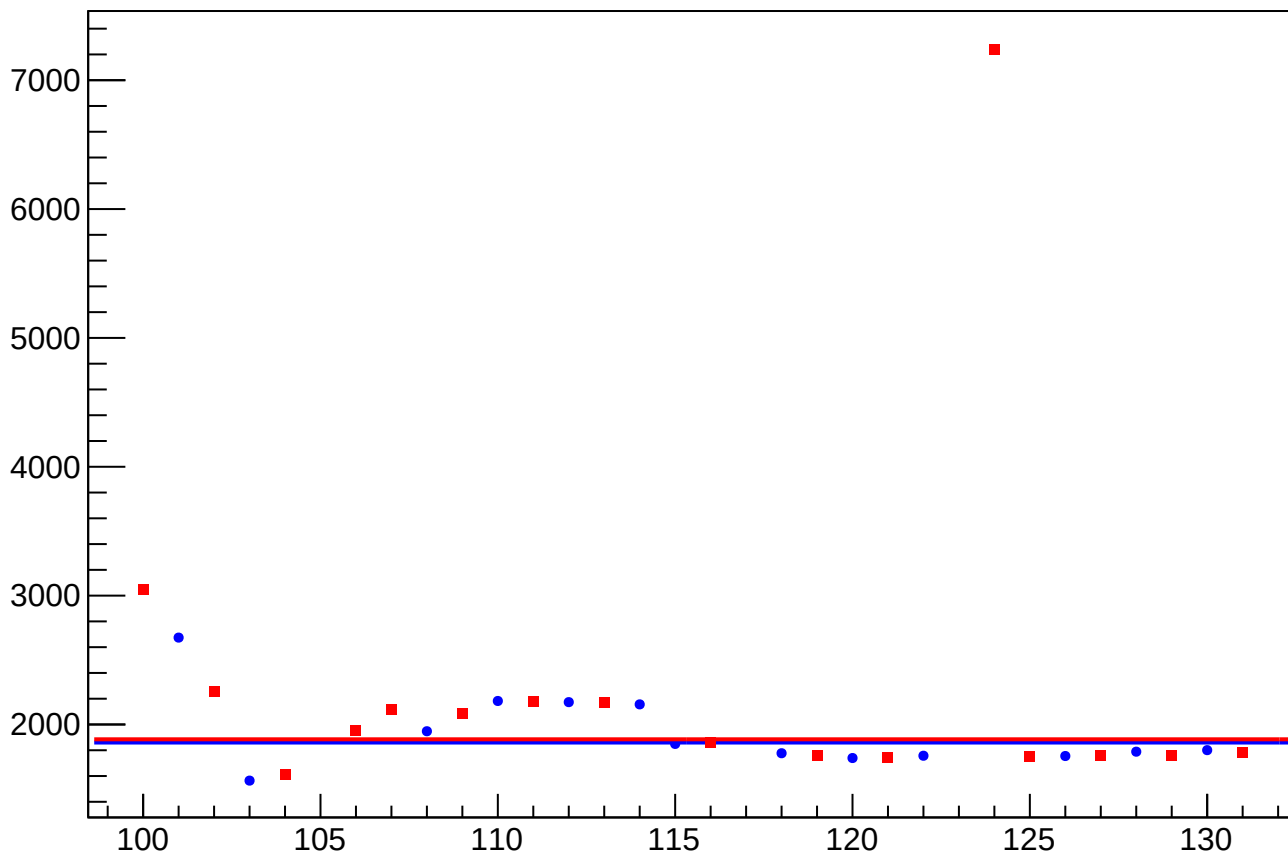
Right: -633.436+/-553.506 χ^2/NDF : 25.5/28

In: -615.363+/-797.939 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.436+/-553.506 χ^2/NDF : 25.5/28

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.980+/-0.542 χ^2/NDF : 326845.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

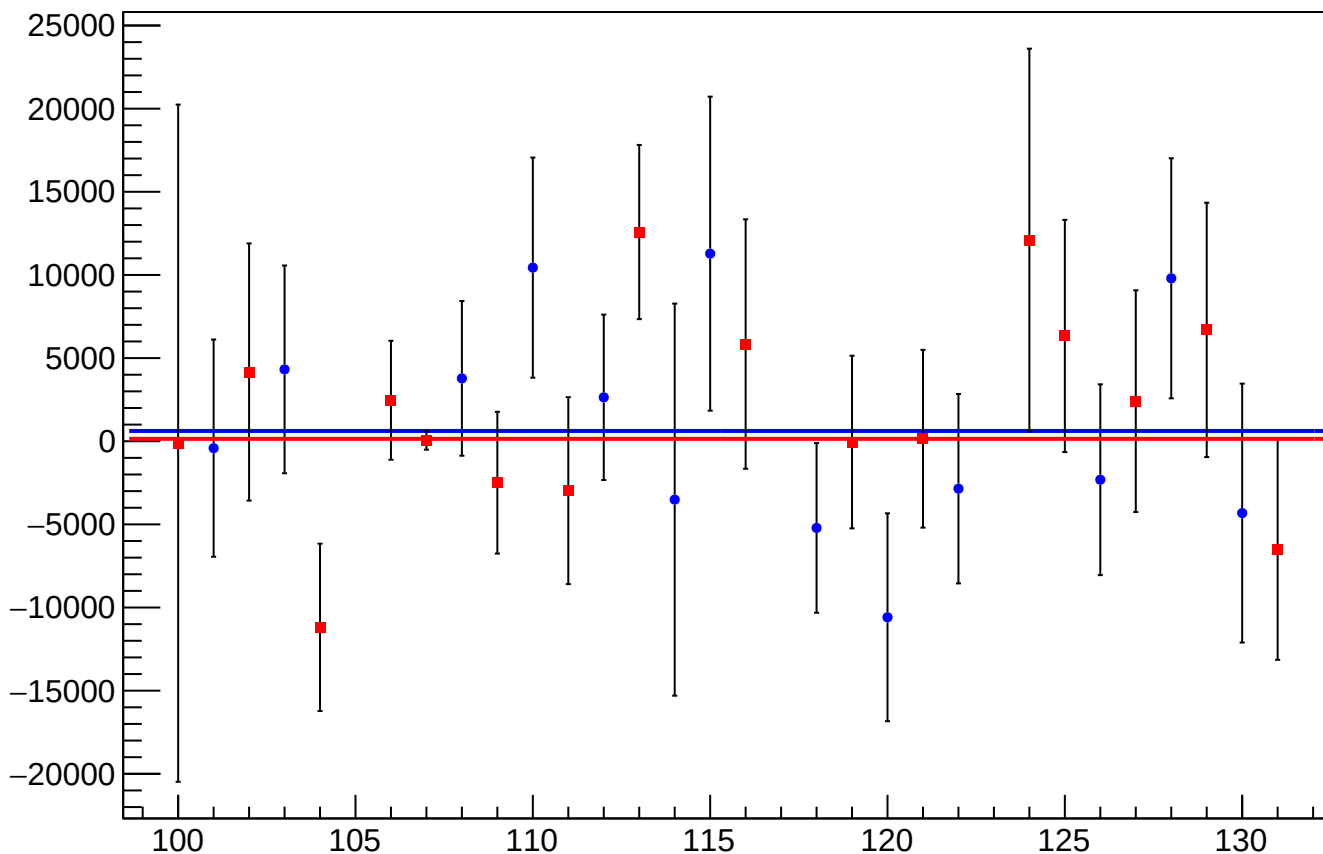
Right: 1872.963+/-0.391 χ^2/NDF : 550348.9/28

In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.963+/-0.391 χ^2/NDF : 550348.9/28

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.986 $\pm$ 1720.352 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.443 $\pm$ 516.983 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

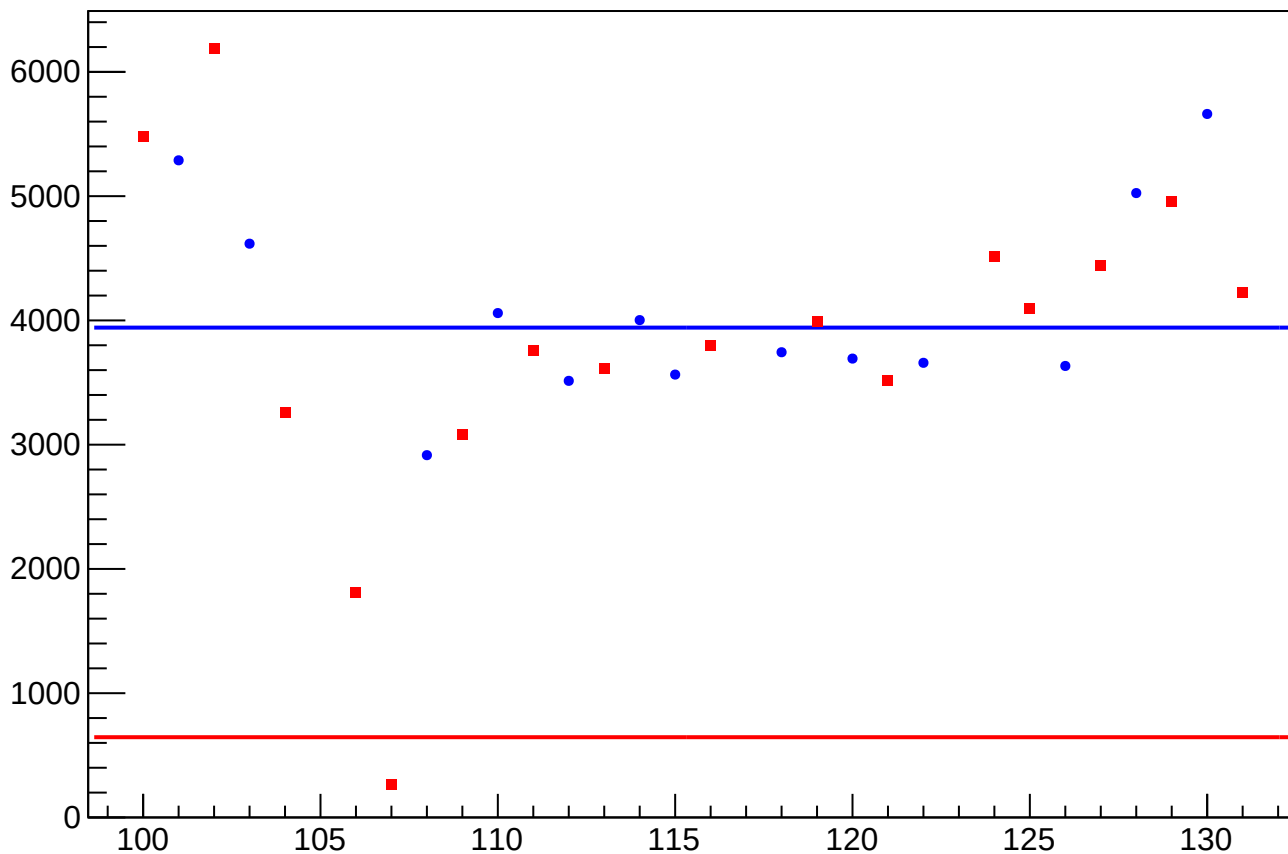
Right: 184.665 $\pm$ 495.110 χ^2 /NDF: 28.3/28

In: 618.986 $\pm$ 1720.352 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.665 $\pm$ 495.110 χ^2 /NDF: 28.3/28

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 645.851+/-0.366 χ^2/NDF : 9097469.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

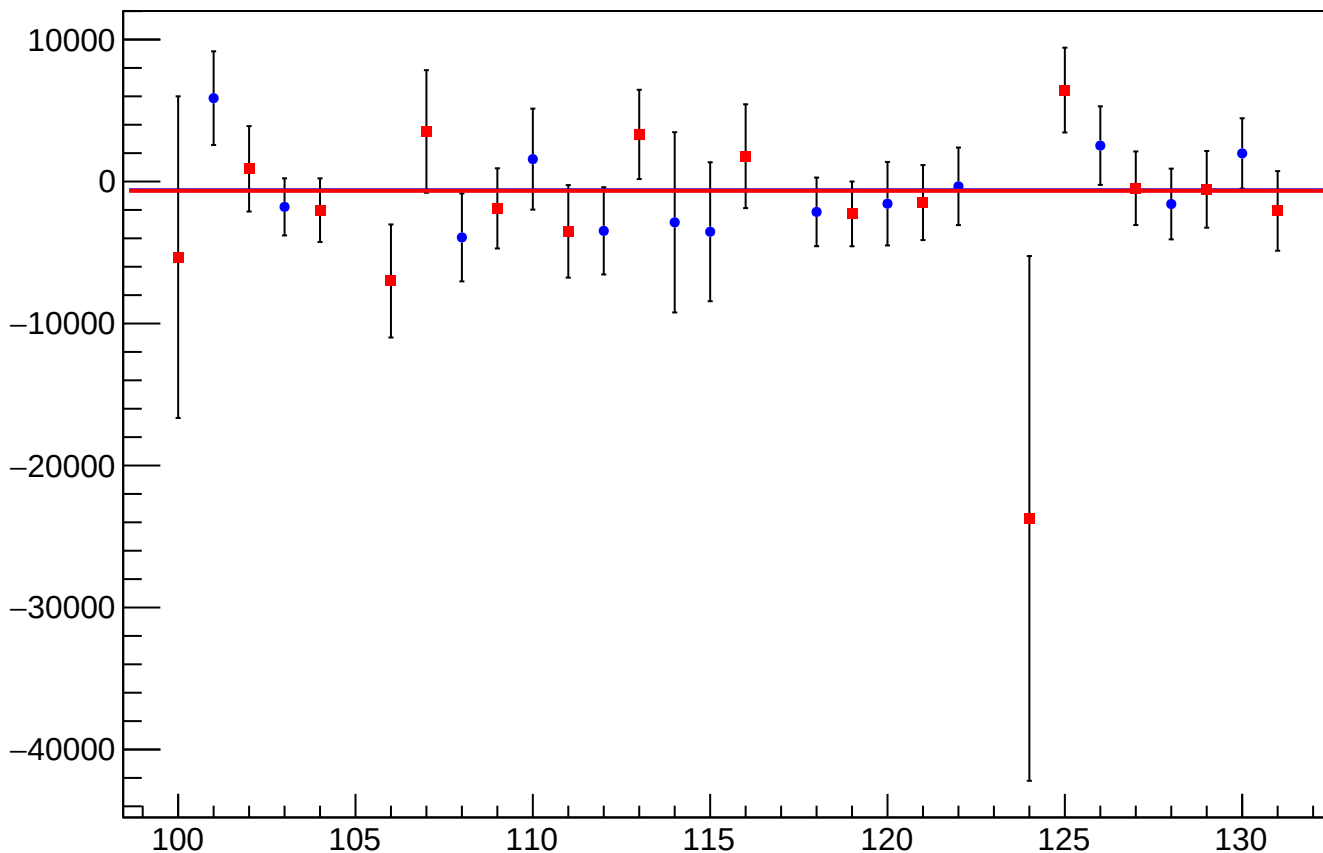
Right: 918.870+/-0.350 χ^2/NDF : 16215789.8/28

In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.870+/-0.350 χ^2/NDF : 16215789.8/28

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -615.363+/-797.939 χ^2 /NDF: 10.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -650.197+/-768.445 χ^2 /NDF: 15.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

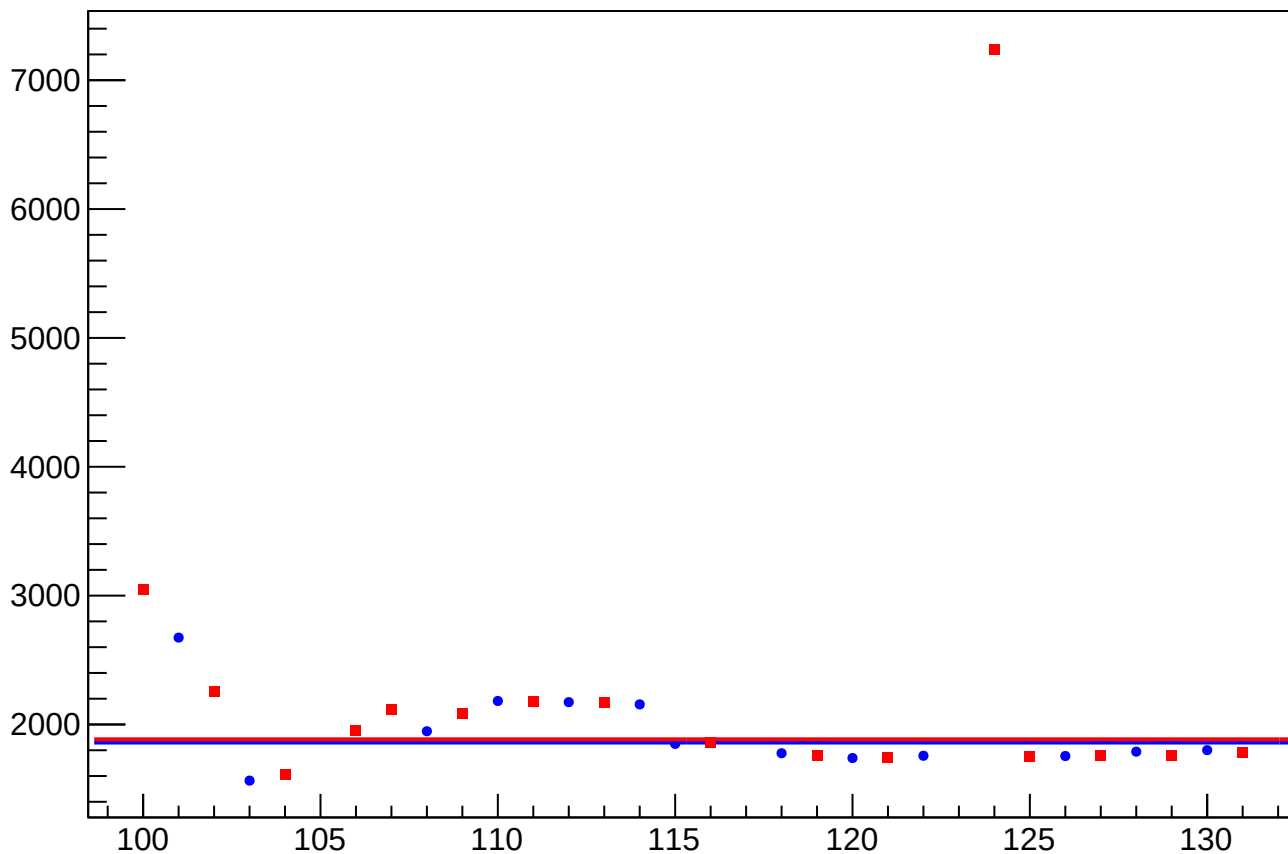
Right: -633.436+/-553.506 χ^2 /NDF: 25.5/28

In: -615.363+/-797.939 χ^2 /NDF:10.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -633.436+/-553.506 χ^2 /NDF: 25.5/28

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.980+/-0.542 χ^2/NDF : 326845.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

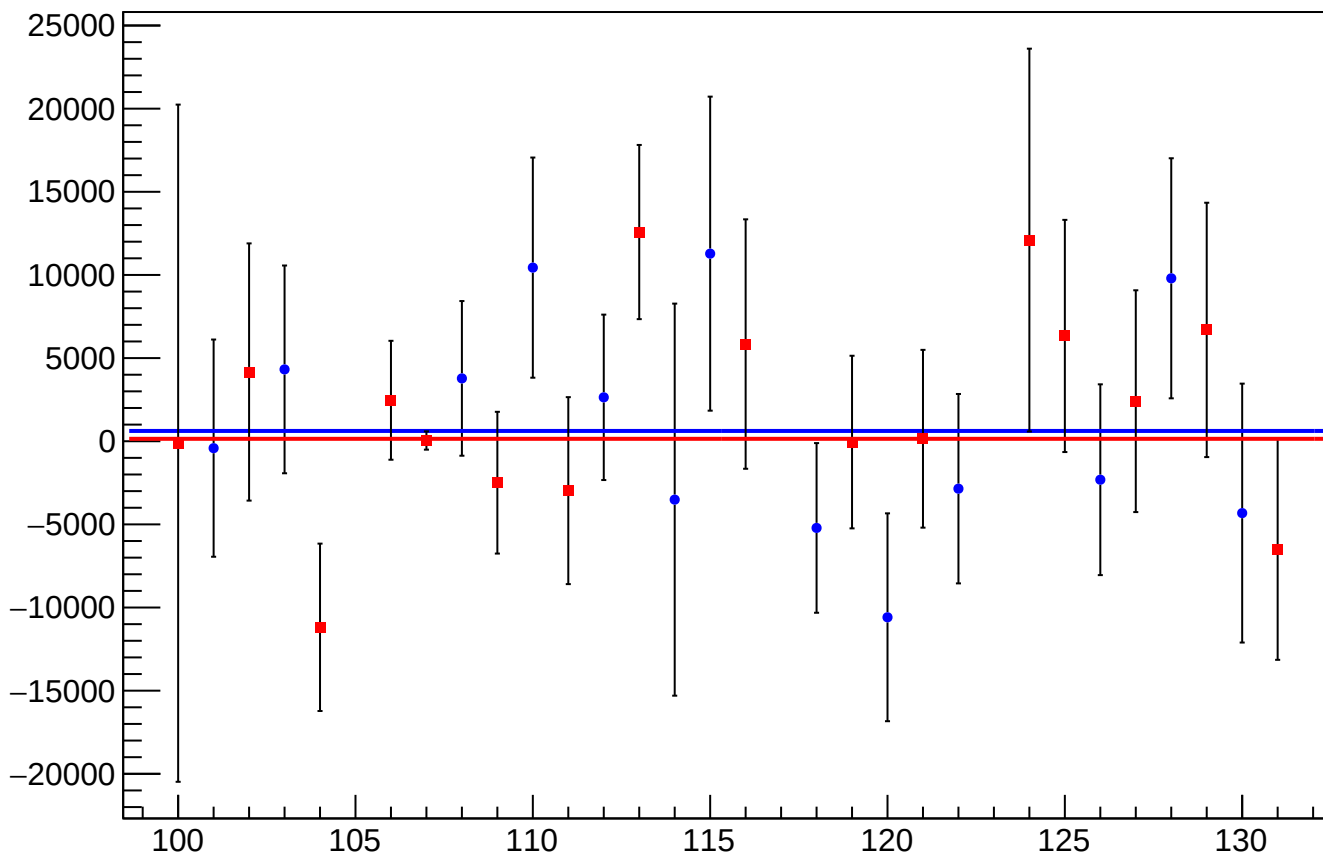
Right: 1872.963+/-0.391 χ^2/NDF : 550348.9/28

In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.963+/-0.391 χ^2/NDF : 550348.9/28

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.986+/-1720.352 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.443+/-516.983 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

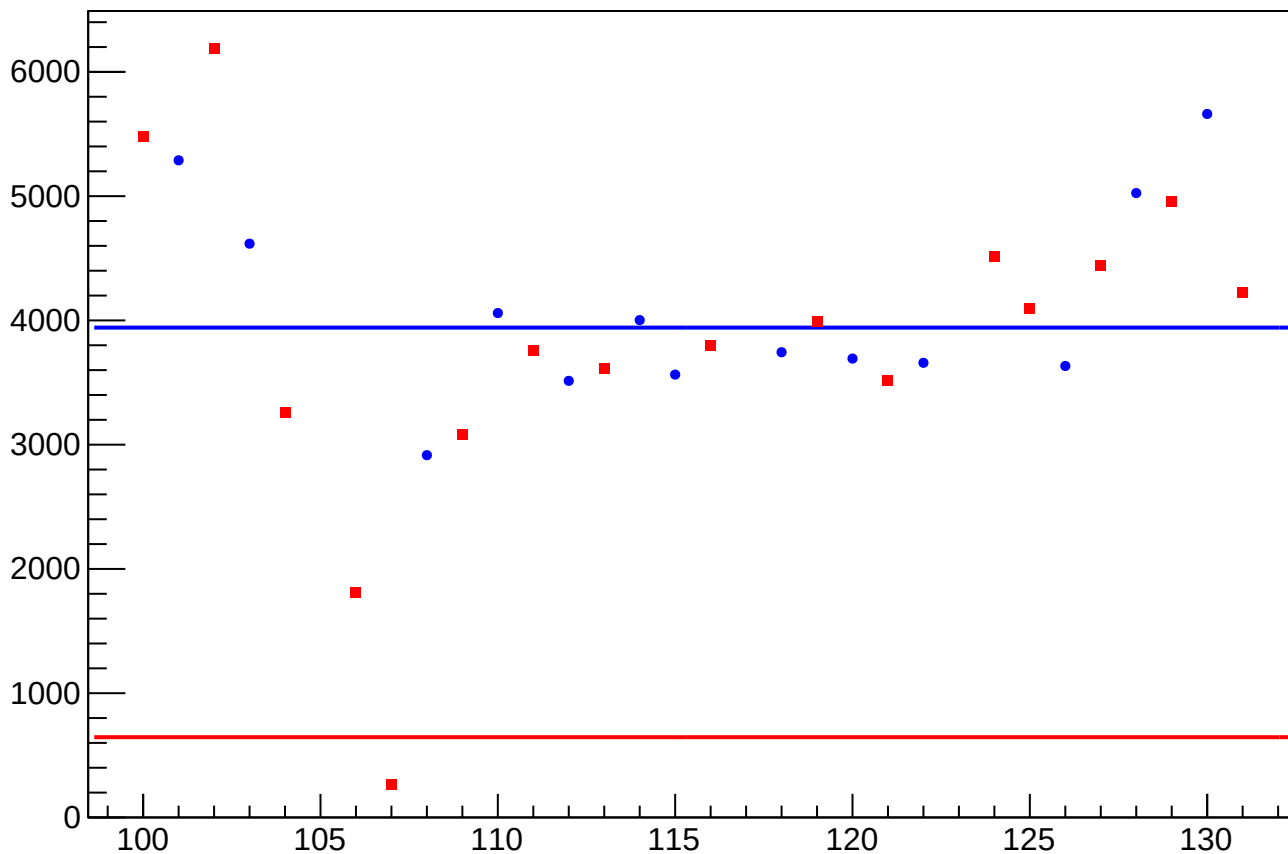
Right: 184.665+/-495.110 χ^2/NDF : 28.3/28

In: 618.986+/-1720.352 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.665+/-495.110 χ^2/NDF : 28.3/28

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 645.851+/-0.366 χ^2/NDF : 9097469.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

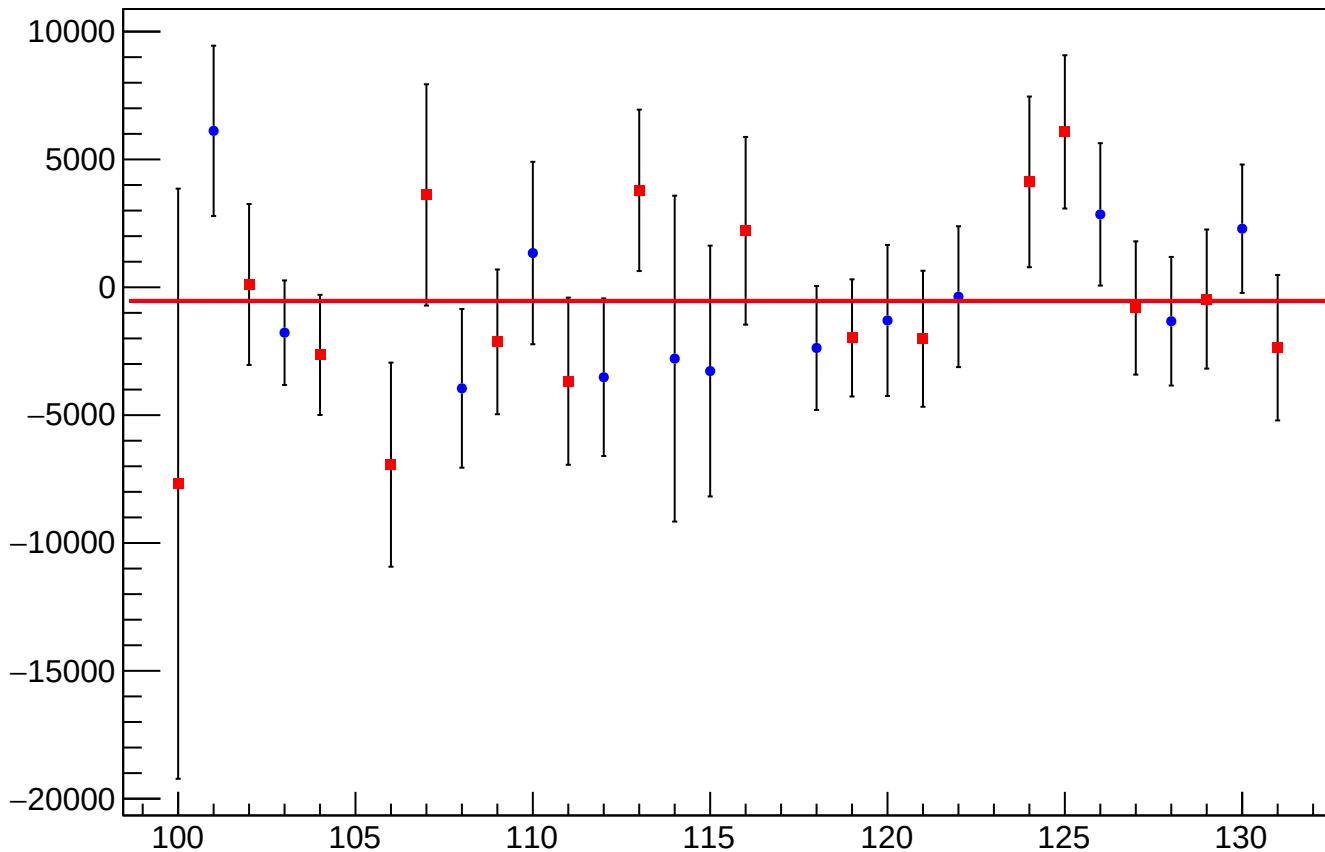
Right: 918.870+/-0.350 χ^2/NDF : 16215789.8/28

In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.870+/-0.350 χ^2/NDF : 16215789.8/28

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -538.147+/-804.446 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.191+/-758.606 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

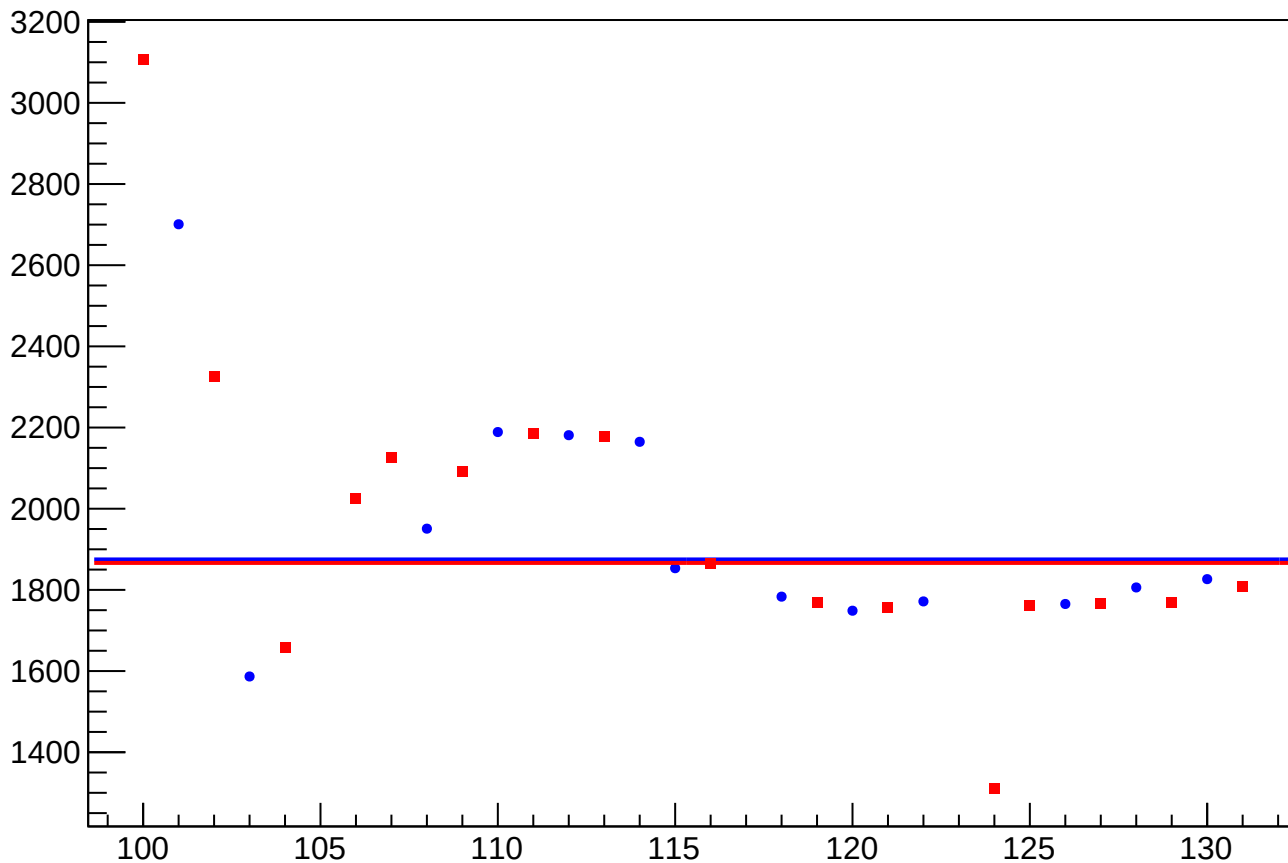
Right: -533.936+/-551.910 χ^2/NDF : 27.1/28

In: -538.147+/-804.446 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.936+/-551.910 χ^2/NDF : 27.1/28

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.464+/-0.536 χ^2/NDF : 214811.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

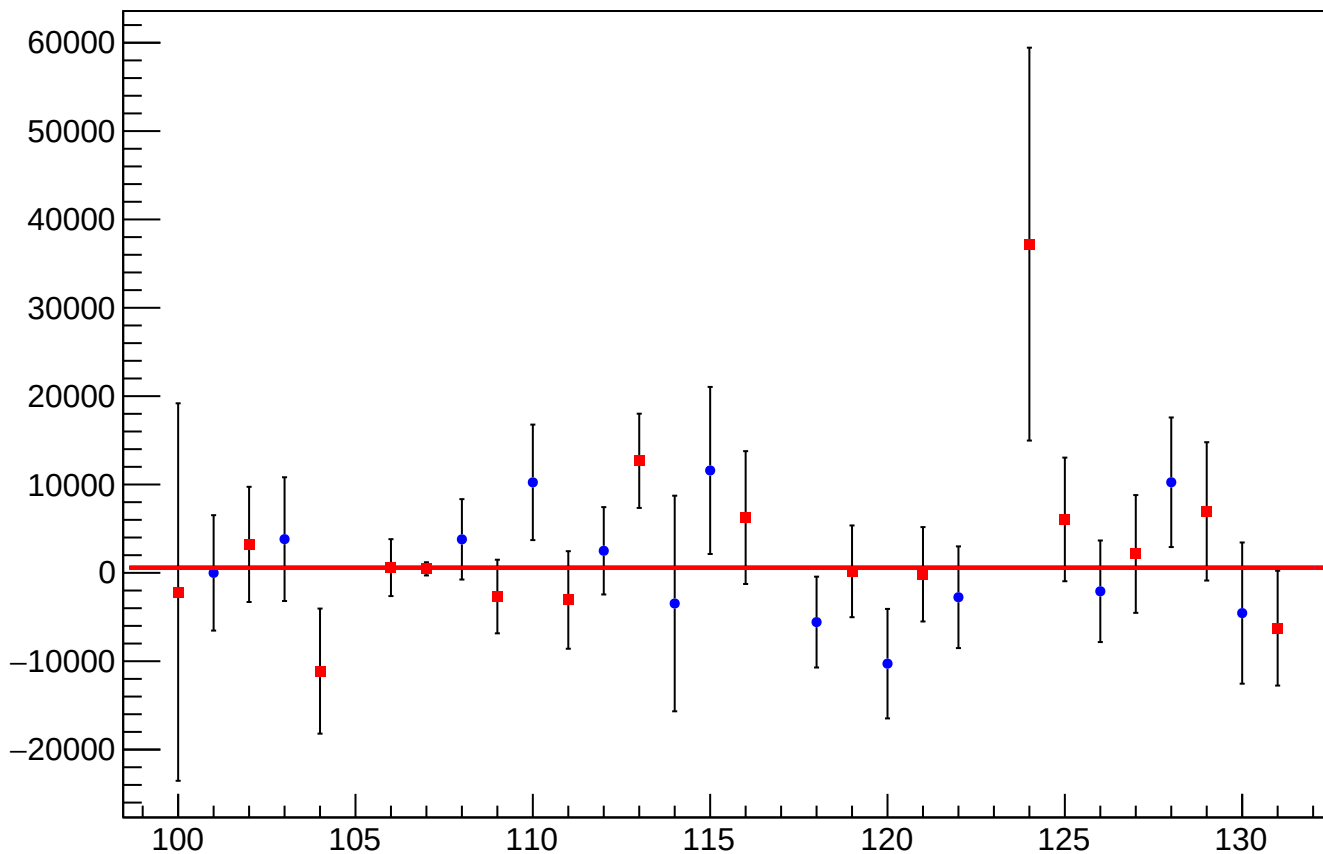
Right: 1870.475+/-0.390 χ^2/NDF : 432883.2/28

In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.475+/-0.390 χ^2/NDF : 432883.2/28

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 612.936+/-1733.038 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.174+/-668.032 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

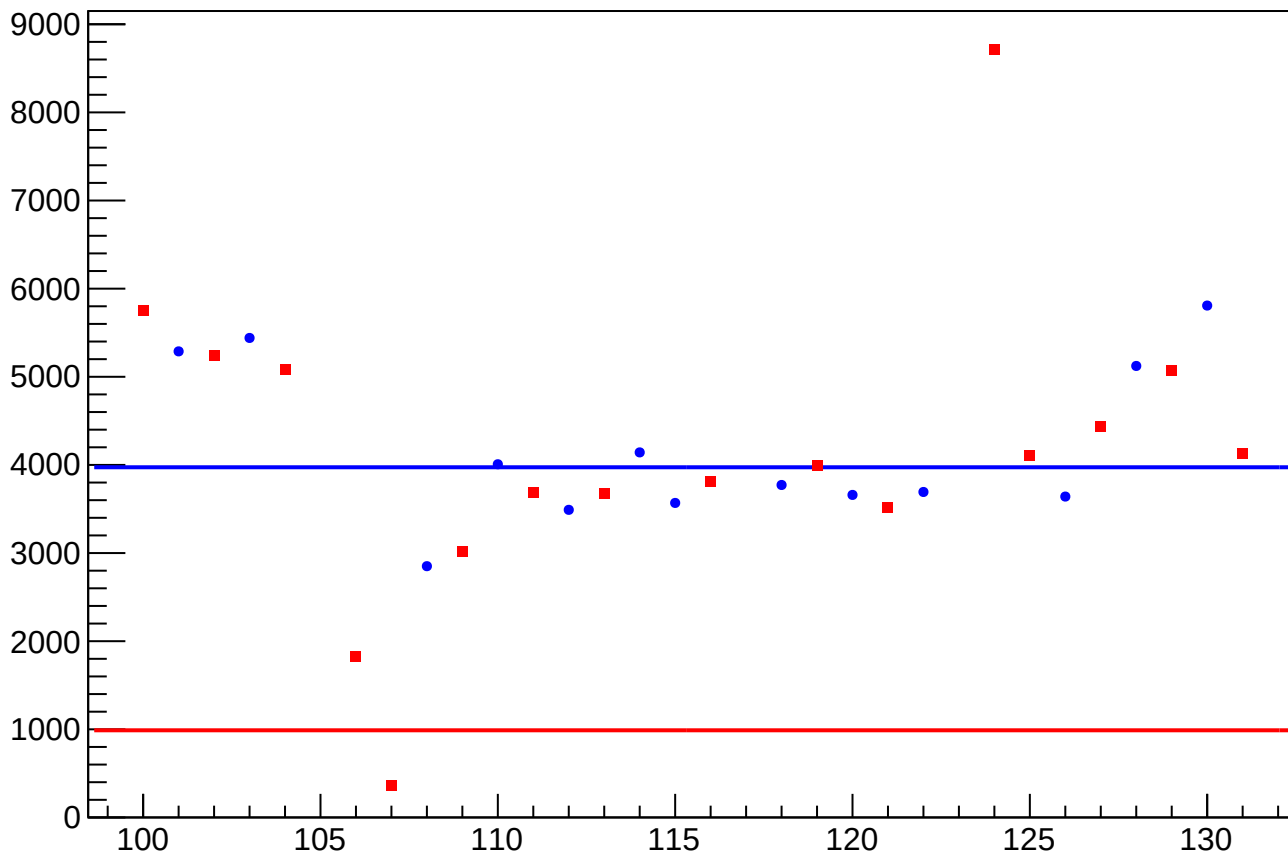
Right: 560.035+/-623.327 χ^2/NDF : 26.6/28

In: 612.936+/-1733.038 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.035+/-623.327 χ^2/NDF : 26.6/28

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3973.402+/-1.225 χ^2/NDF : 487964.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.970+/-0.472 χ^2/NDF : 8189503.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

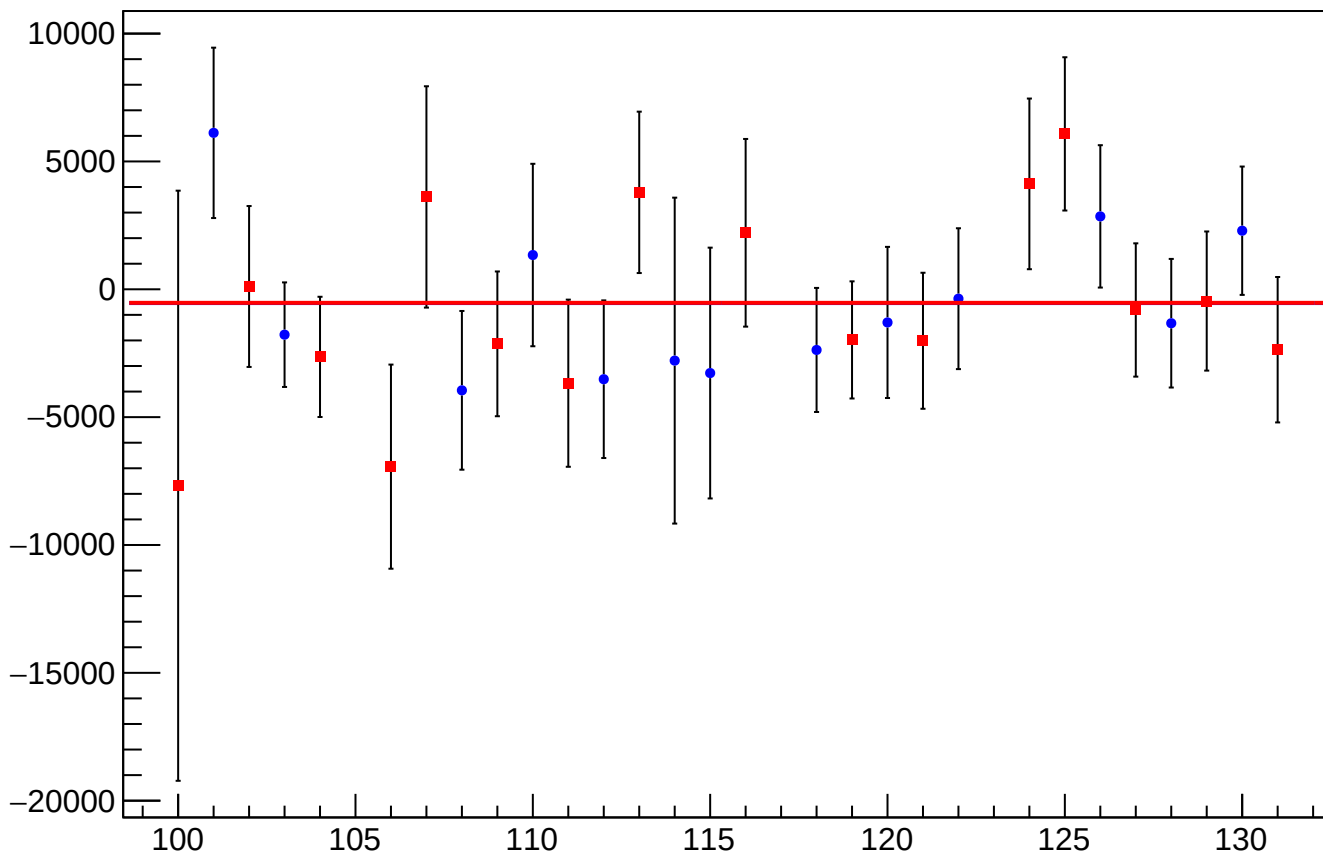
Right: 1375.050+/-0.441 χ^2/NDF : 13841311.8/28

In: 3973.402+/-1.225 χ^2/NDF : 487964.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.050+/-0.441 χ^2/NDF : 13841311.8/28

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -538.148+/-804.446 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.197+/-758.606 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

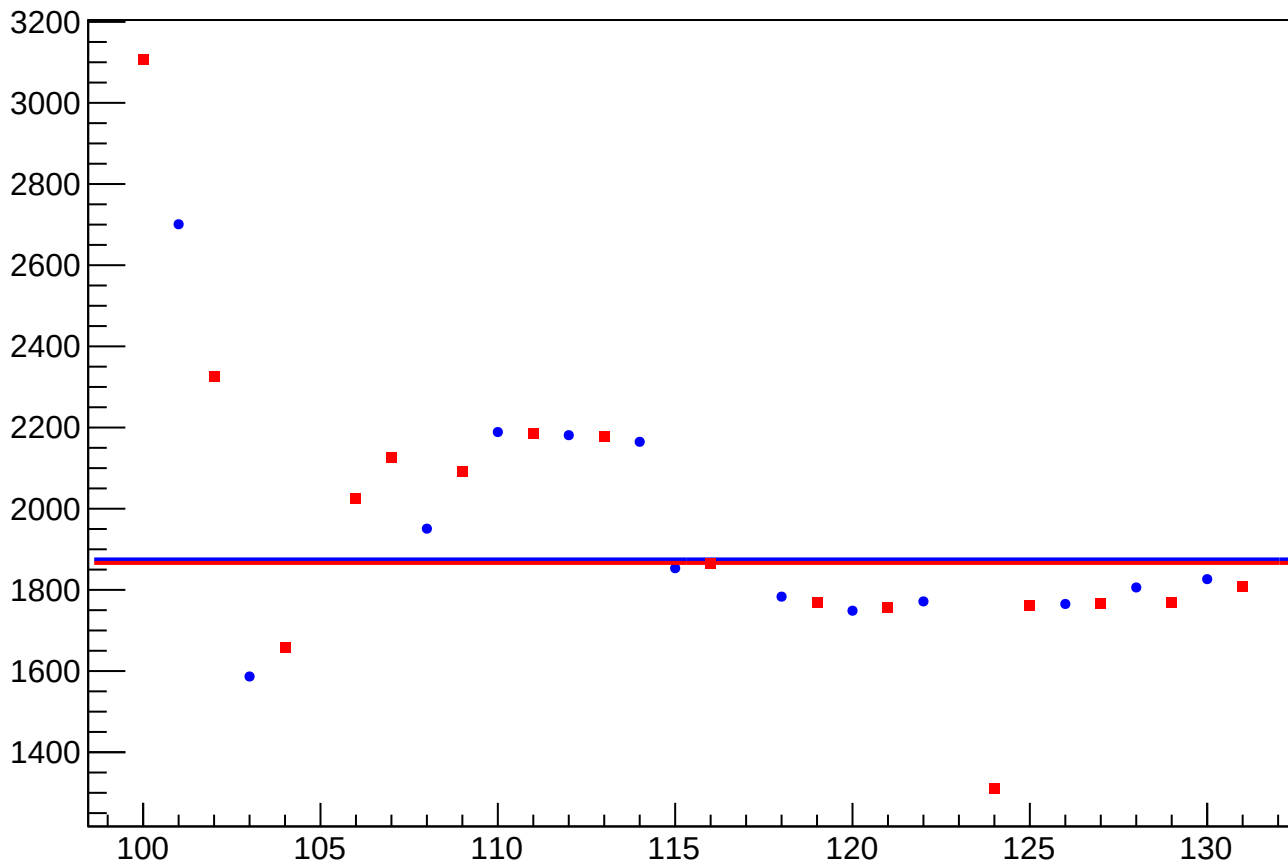
Right: -533.939+/-551.910 χ^2/NDF : 27.1/28

In: -538.148+/-804.446 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.939+/-551.910 χ^2/NDF : 27.1/28

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.464+/-0.536 χ^2/NDF : 214812.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

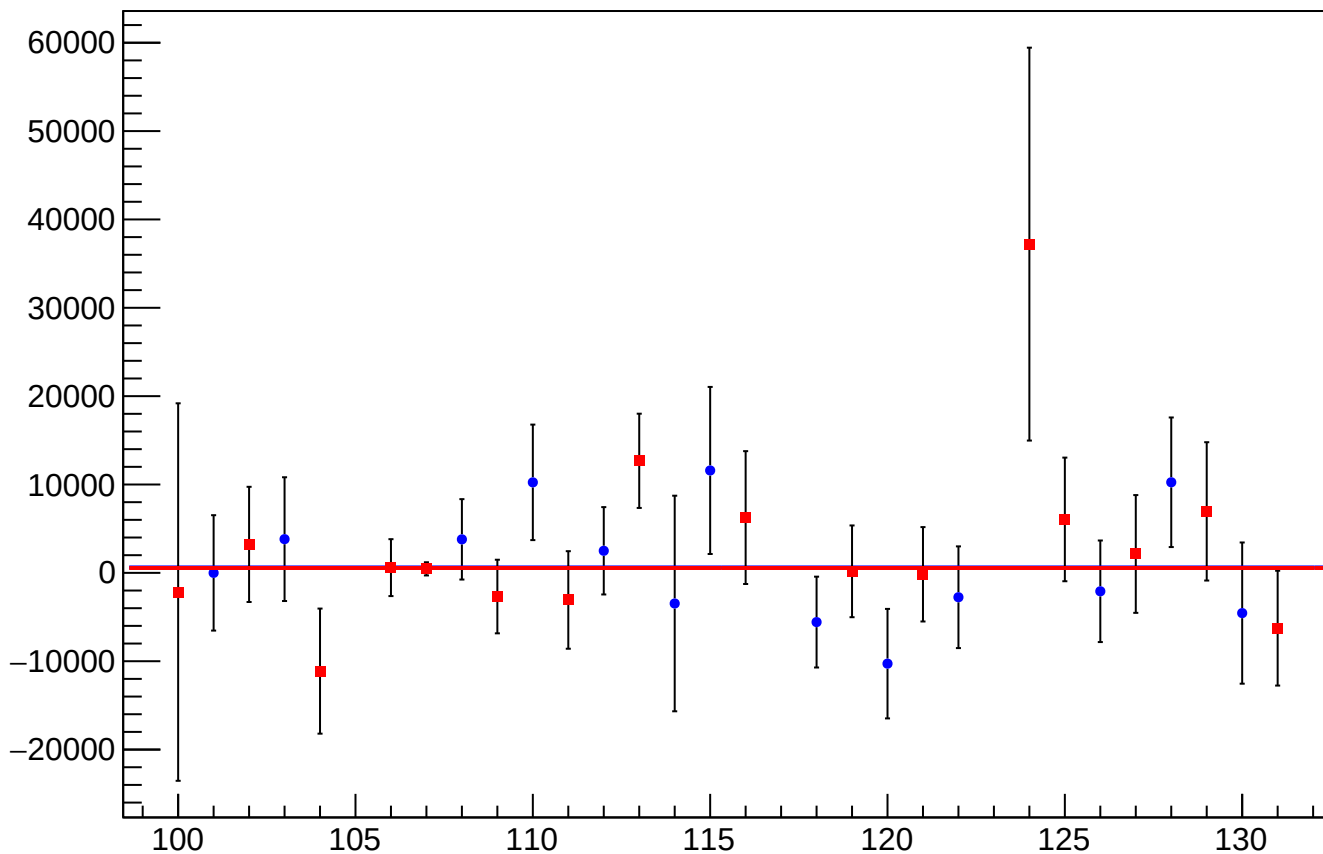
Right: 1870.475+/-0.390 χ^2/NDF : 432883.6/28

In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.475+/-0.390 χ^2/NDF : 432883.6/28

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 612.927+/-1733.034 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.184+/-668.044 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

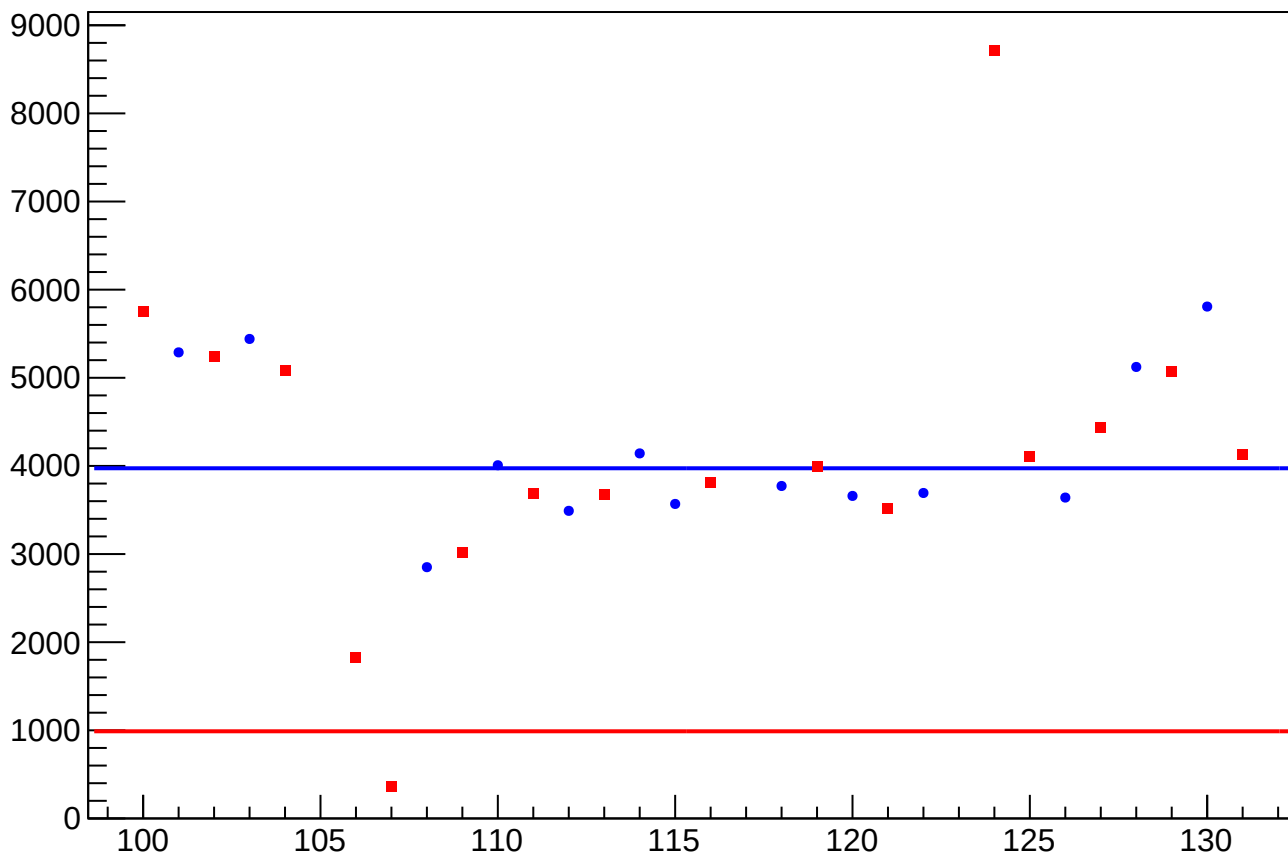
Right: 560.042+/-623.336 χ^2/NDF : 26.6/28

In: 612.927+/-1733.034 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.042+/-623.336 χ^2/NDF : 26.6/28

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3973.391+/-1.225 χ^2/NDF : 487961.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.999+/-0.472 χ^2/NDF : 8189396.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

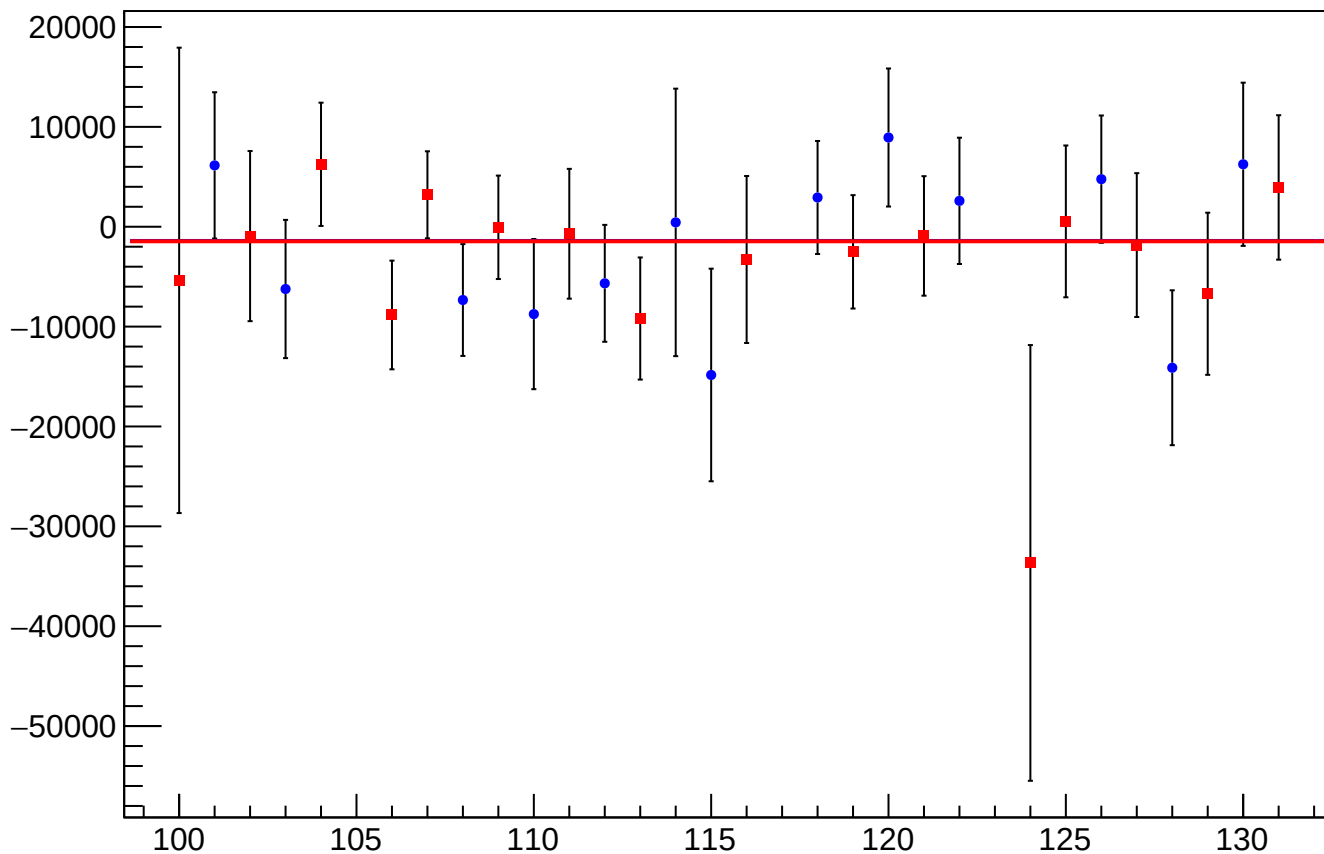
Right: 1375.087+/-0.441 χ^2/NDF : 13841069.3/28

In: 3973.391+/-1.225 χ^2/NDF : 487961.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.087+/-0.441 χ^2/NDF : 13841069.3/28

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1423.957+/-1938.672 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1455.448+/-1661.465 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

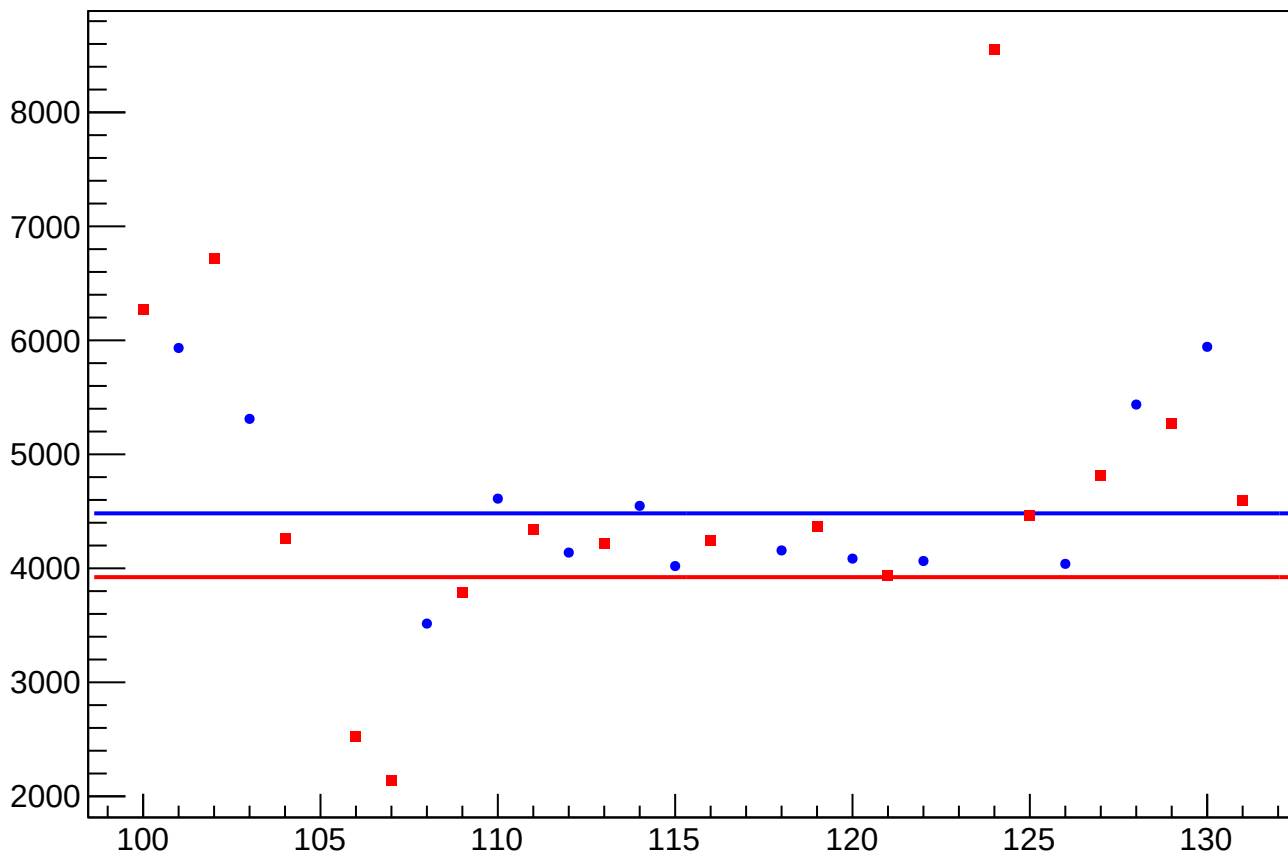
Right: -1442.113+/-1261.560 χ^2/NDF : 23.1/28

In: -1423.957+/-1938.672 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1442.113+/-1261.560 χ^2/NDF : 23.1/28

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4482.229+/-1.371 χ^2/NDF : 303961.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3922.777+/-1.161 χ^2/NDF : 973366.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

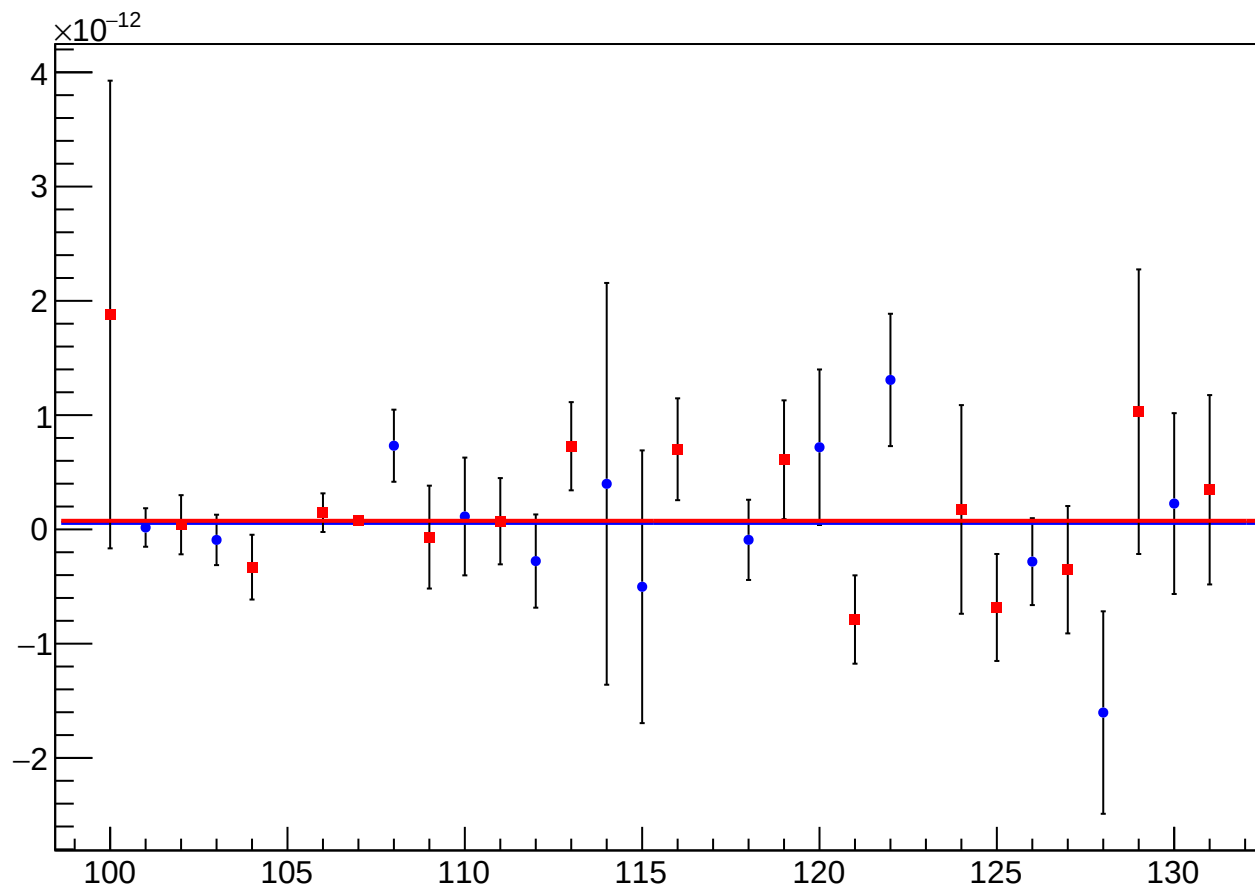
Right: 4156.550+/-0.886 χ^2/NDF : 1374284.6/28

In: 4482.229+/-1.371 χ^2/NDF : 303961.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4156.550+/-0.886 χ^2/NDF : 1374284.6/28

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

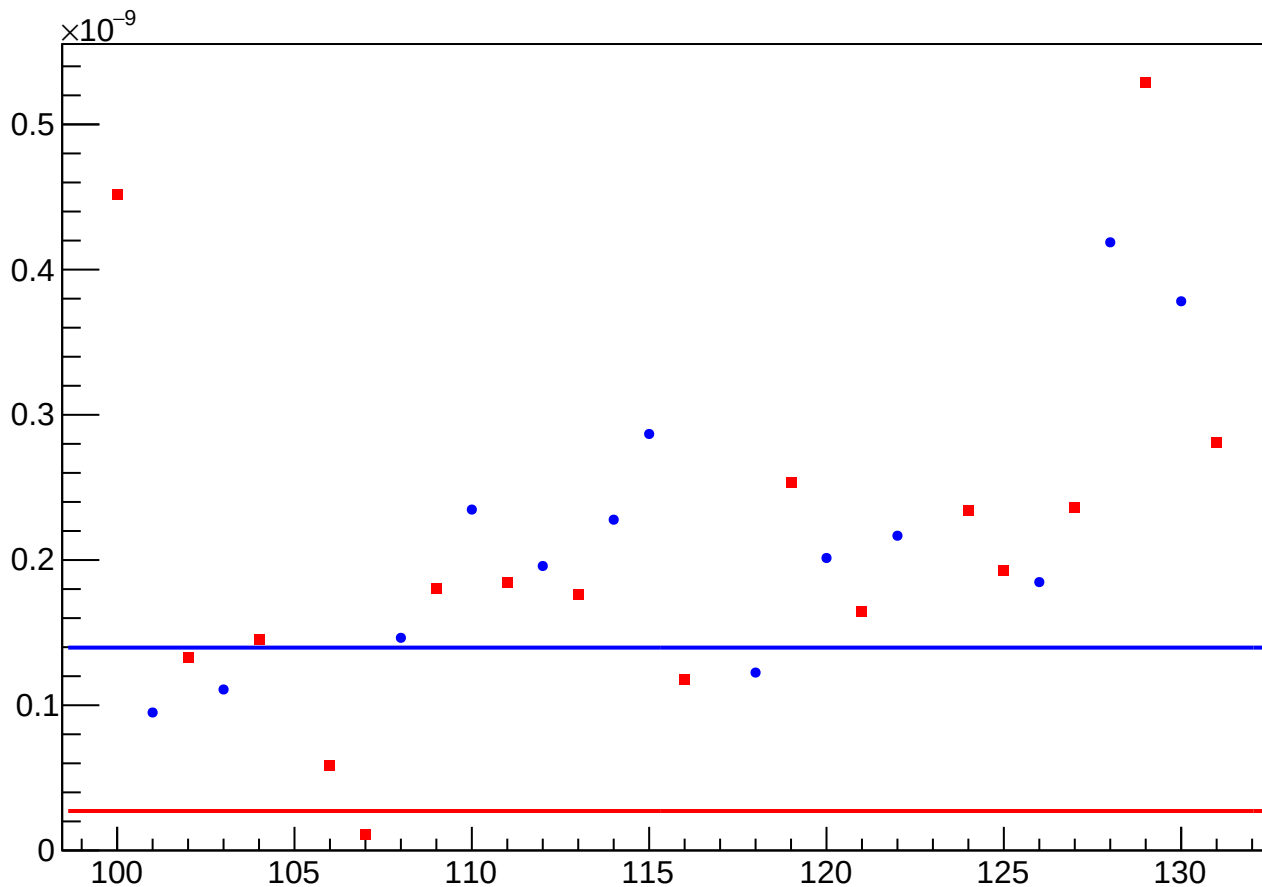
Right: 0.000+/-0.000 χ^2/NDF : 34.2/28

In: 0.000+/-0.000 χ^2/NDF : 16.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/28

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 782328.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3945731.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

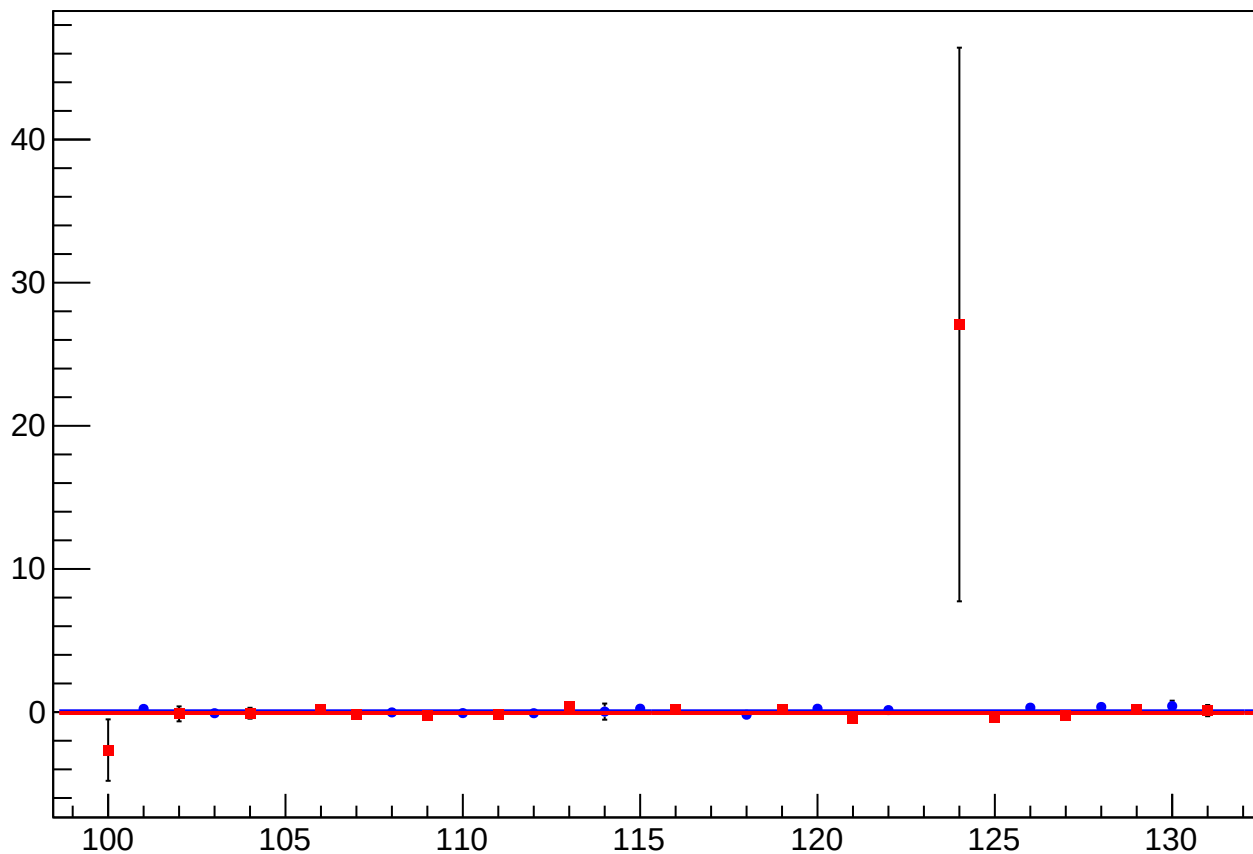
Right: 0.000+/-0.000 χ^2/NDF : 6985355.6/28

In: 0.000+/-0.000 χ^2/NDF : 782328.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6985355.6/28

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.061+/-0.066 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

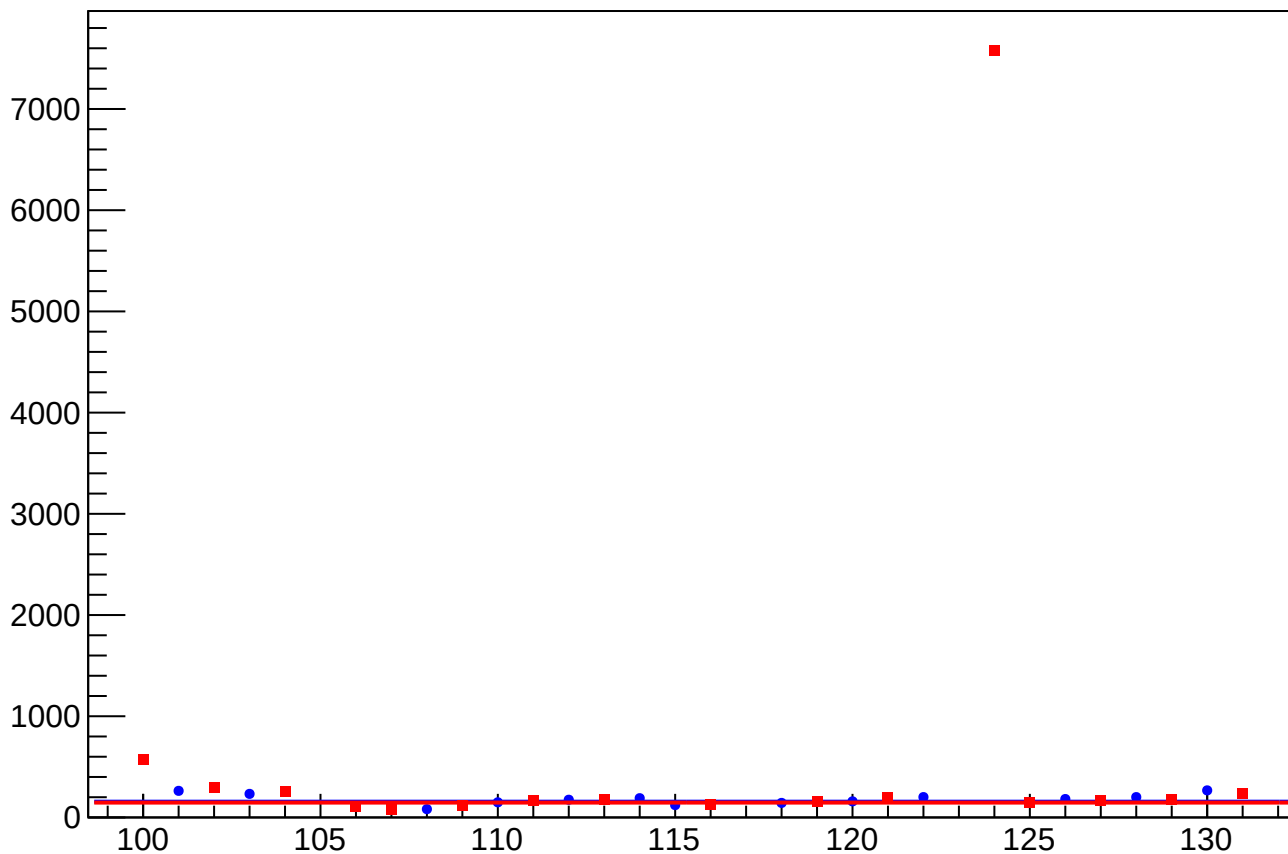
Right: -0.007+/-0.049 χ^2/NDF : 24.5/28

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.049 χ^2/NDF : 24.5/28

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886 $\pm$ 0.051 χ^2 /NDF: 1182452.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.905 $\pm$ 0.047 χ^2 /NDF: 1333342.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

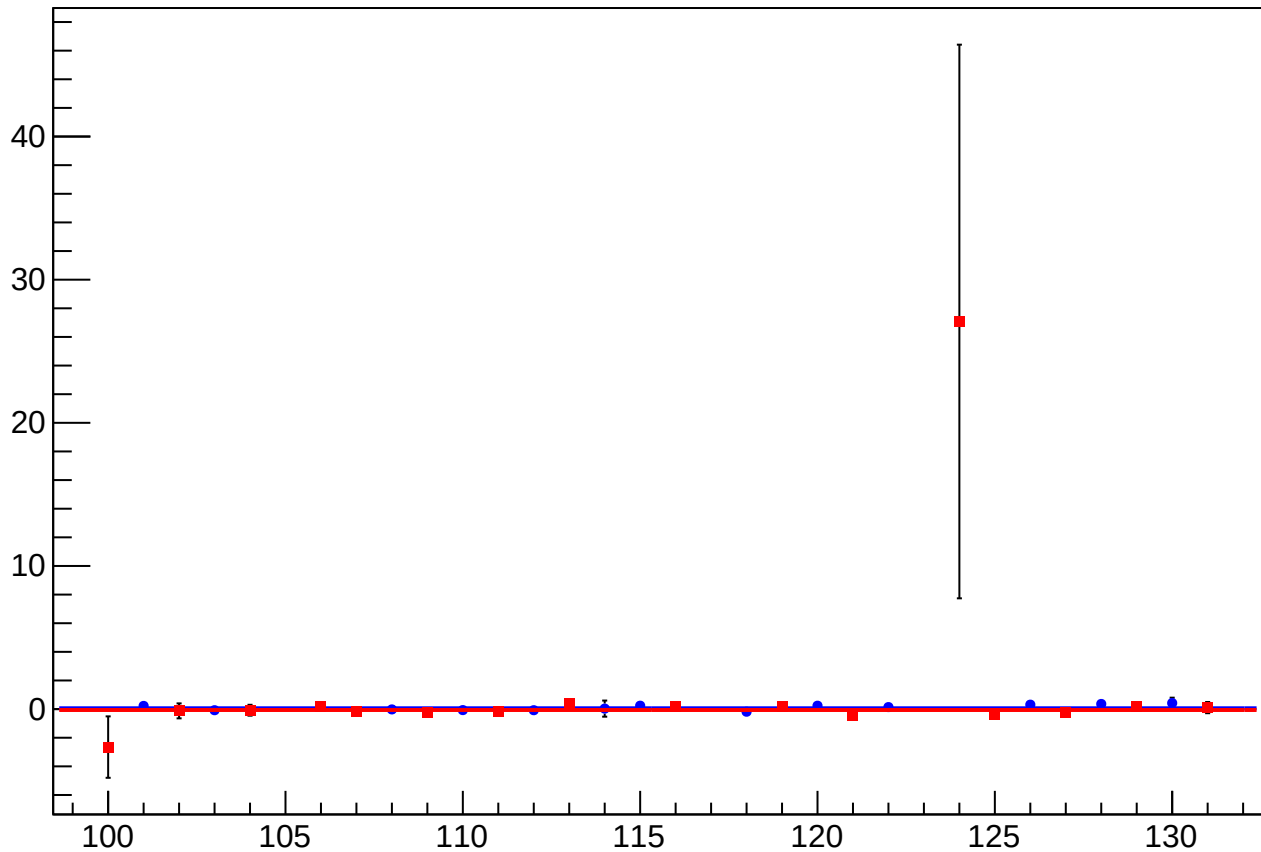
Right: 151.024 $\pm$ 0.035 χ^2 /NDF: 2532583.6/28

In: 155.886 $\pm$ 0.051 χ^2 /NDF:1182452.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.024 $\pm$ 0.035 χ^2 /NDF: 2532583.6/28

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.061+/-0.066 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

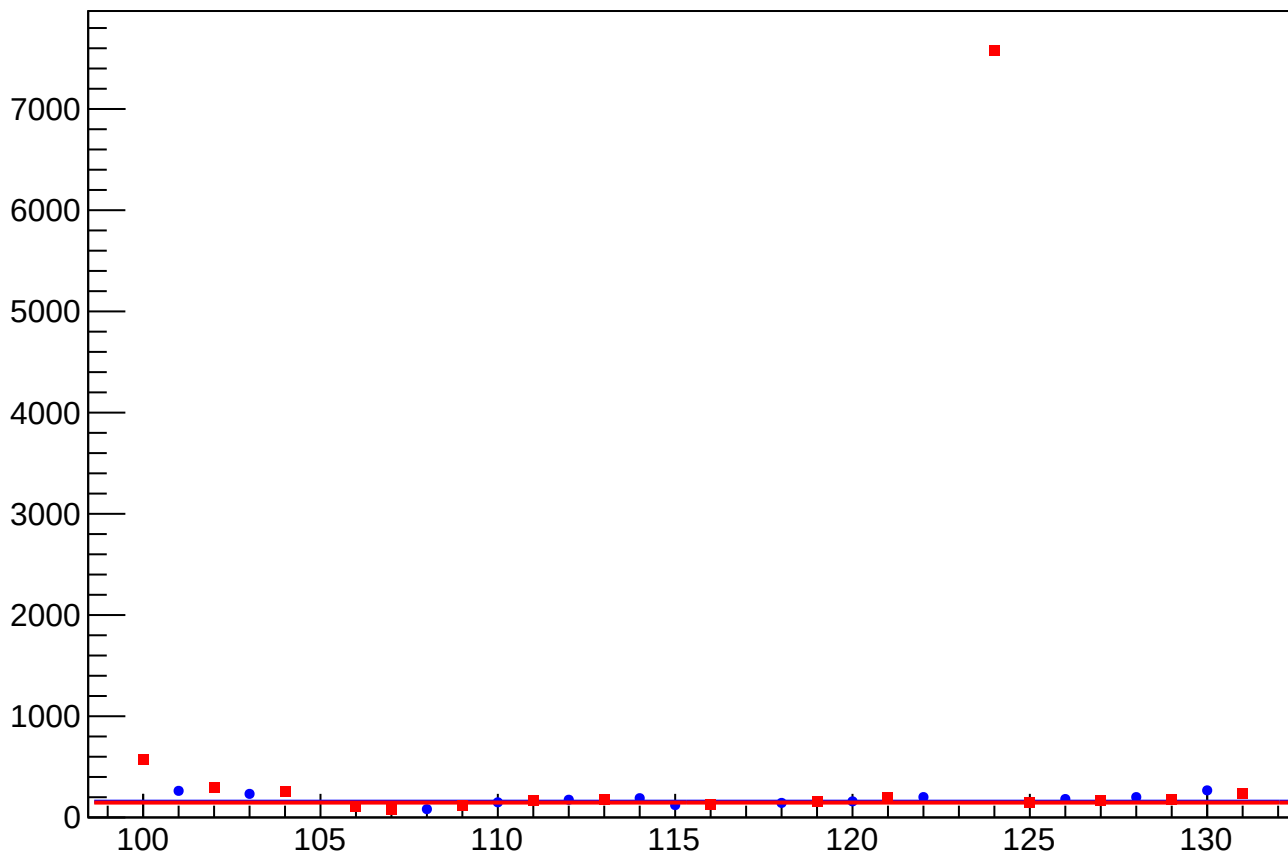
Right: -0.007+/-0.049 χ^2/NDF : 24.5/28

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.049 χ^2/NDF : 24.5/28

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182452.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 146.905+/-0.047 χ^2/NDF : 1333342.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

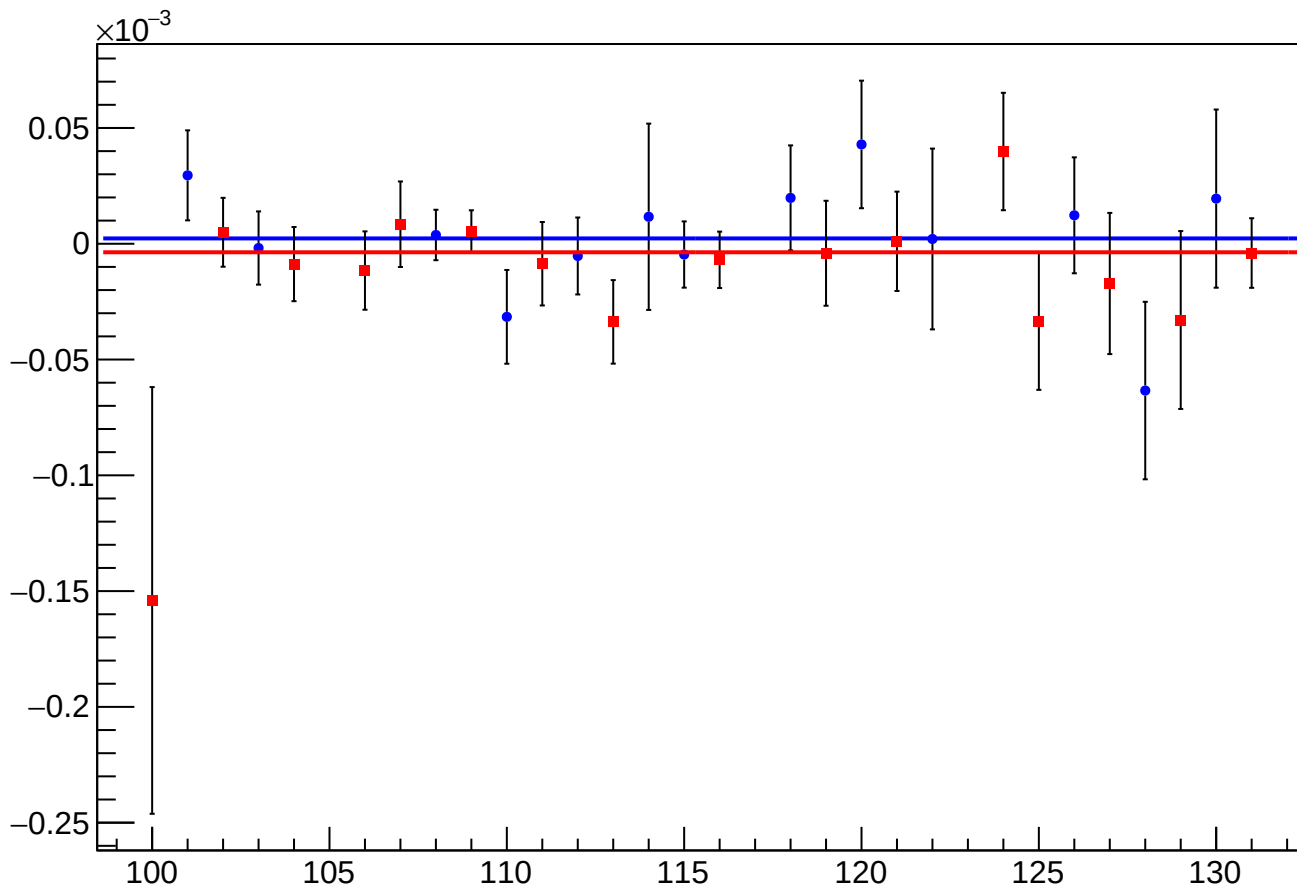
Right: 151.024+/-0.035 χ^2/NDF : 2532583.6/28

In: 155.886+/-0.051 χ^2/NDF :1182452.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.024+/-0.035 χ^2/NDF : 2532583.6/28

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

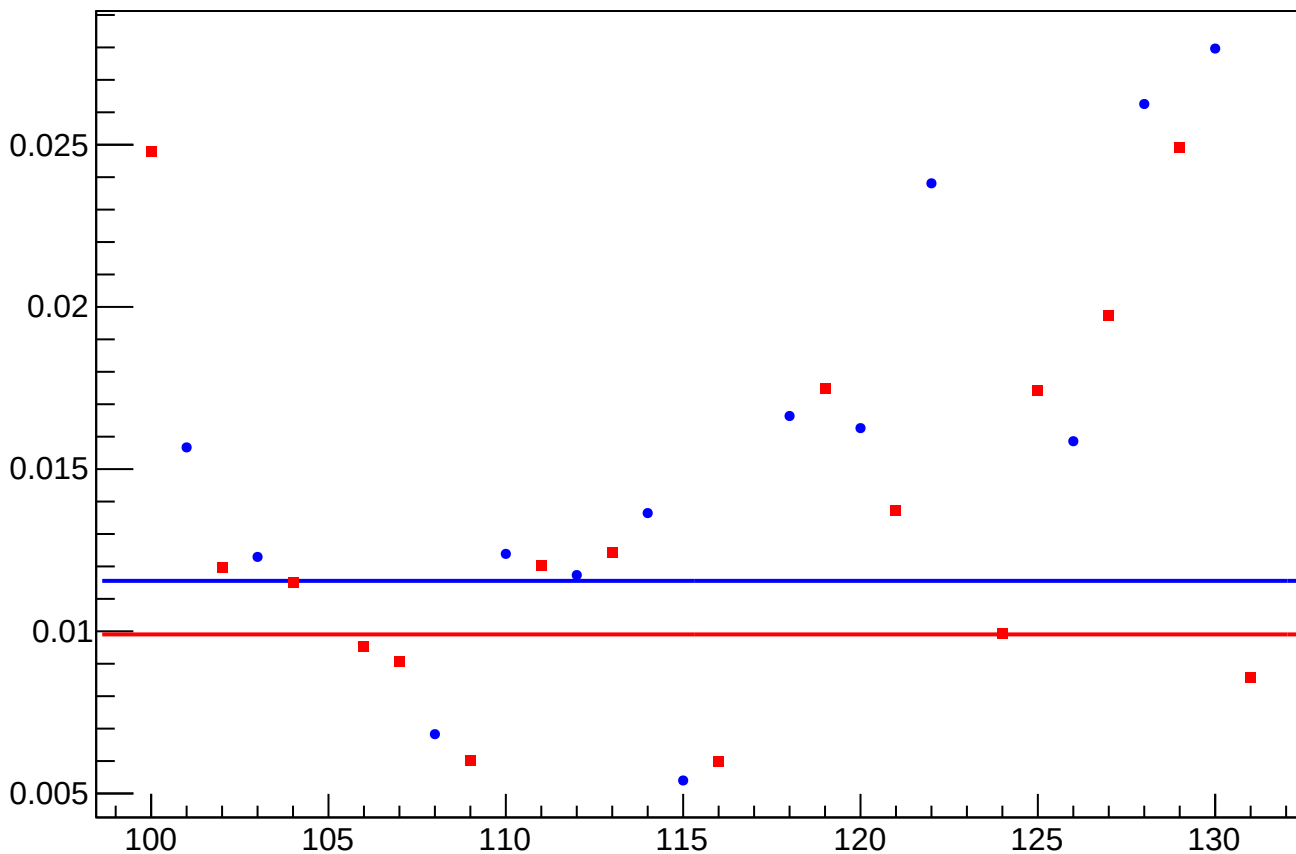
Right: -0.000+/-0.000 χ^2/NDF : 24.6/28

In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/28

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1923138.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1706597.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

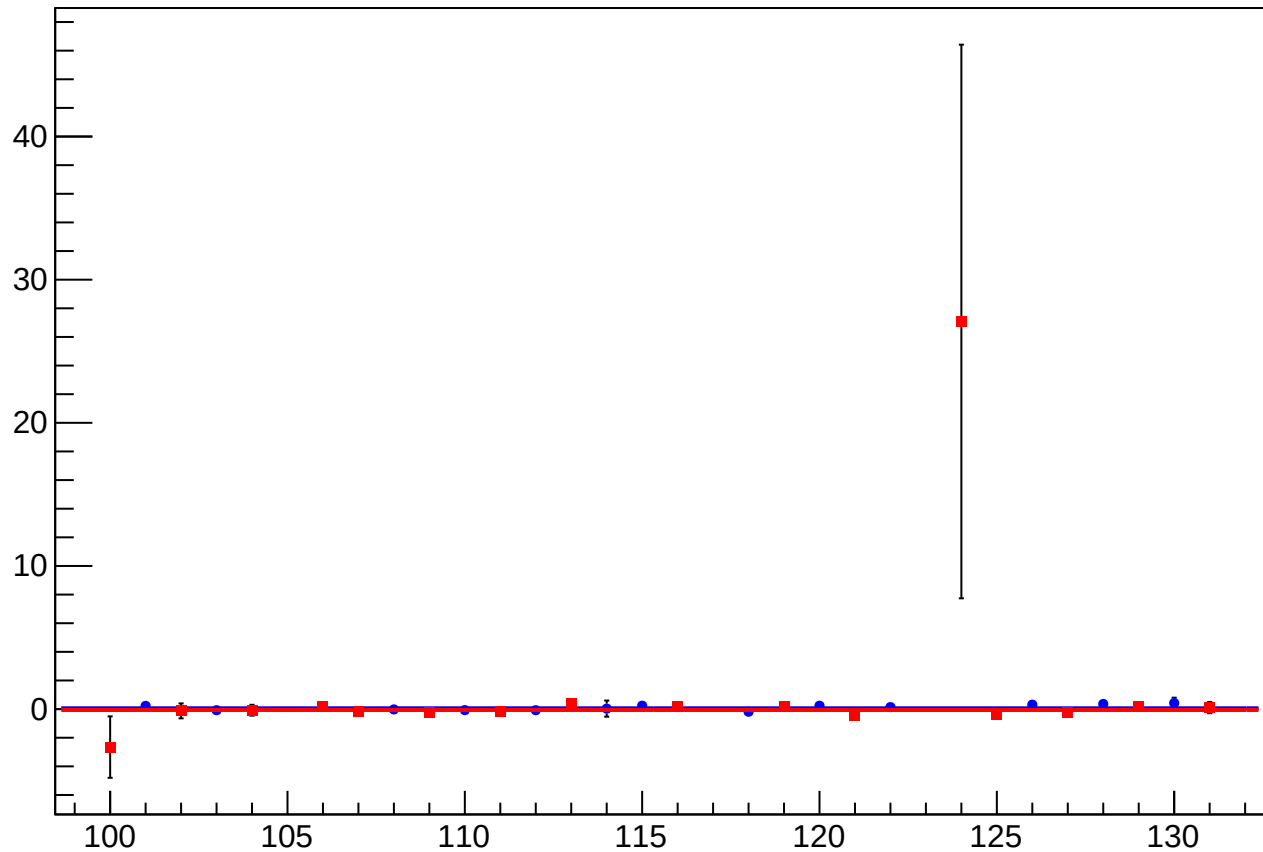
Right: 0.011+/-0.000 χ^2/NDF : 3741803.2/28

In: 0.012+/-0.000 χ^2/NDF : 1923138.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3741803.2/28

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.061+/-0.066 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

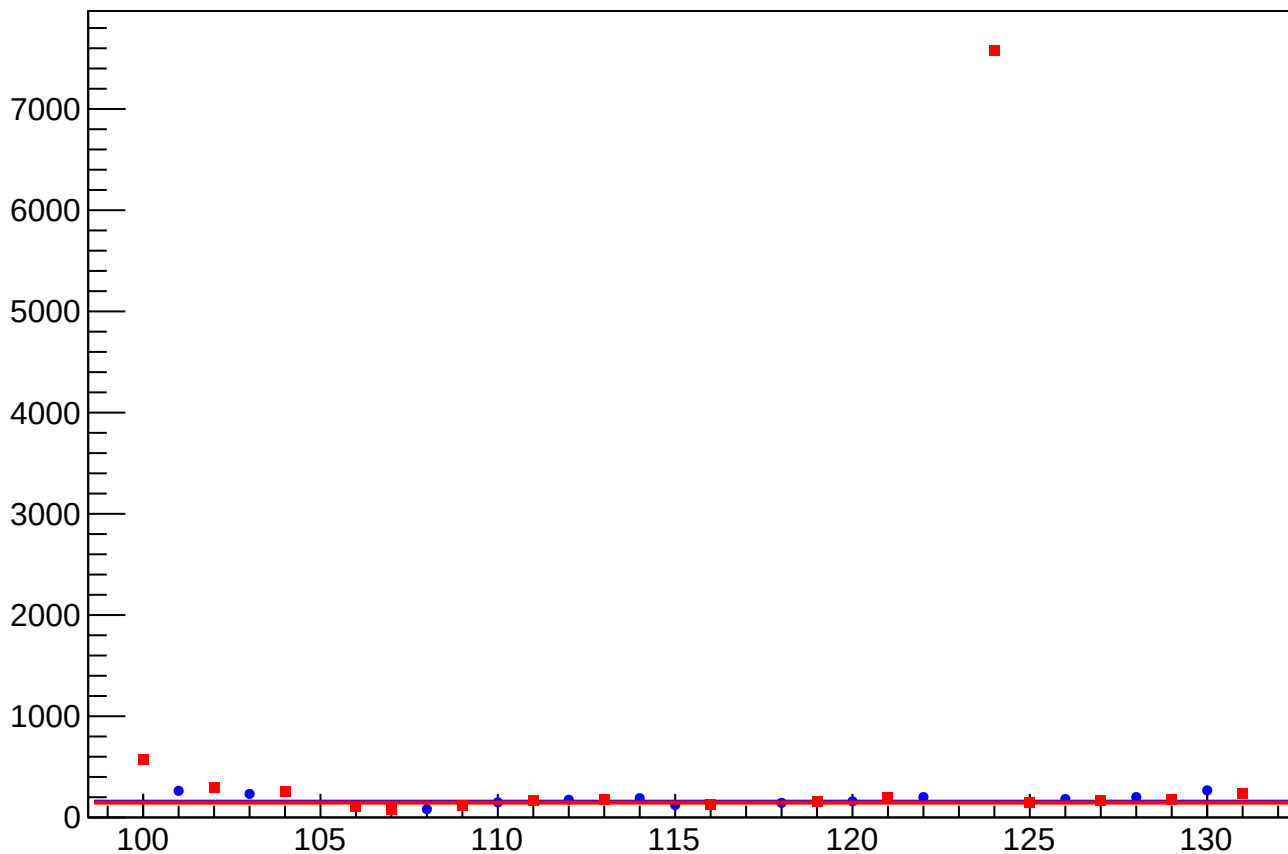
Right: -0.007+/-0.049 χ^2/NDF : 24.5/28

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.049 χ^2/NDF : 24.5/28

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.904+/-0.047 χ^2/NDF : 1333347.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

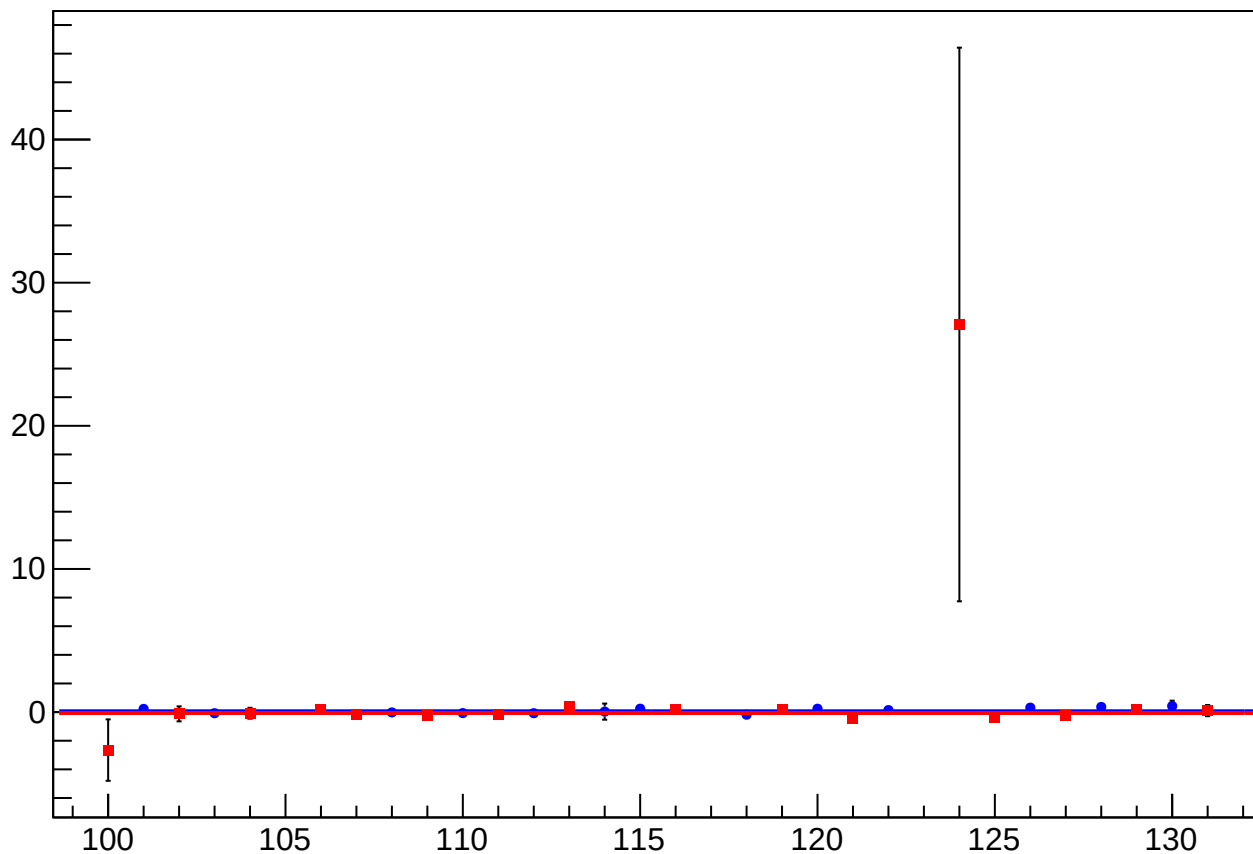
Right: 151.023+/-0.035 χ^2/NDF : 2532540.5/28

In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.023+/-0.035 χ^2/NDF : 2532540.5/28

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.061+/-0.066 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

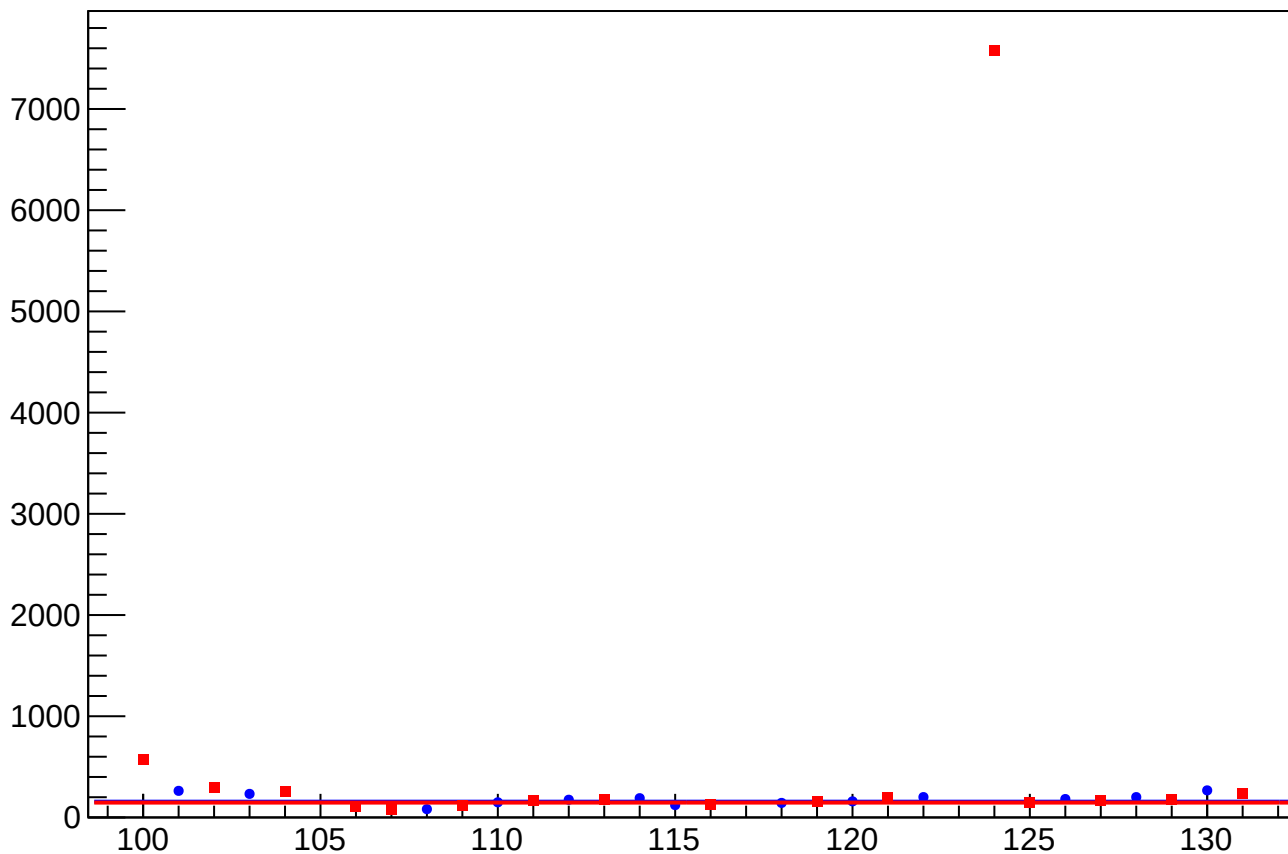
Right: -0.007+/-0.049 χ^2/NDF : 24.5/28

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.049 χ^2/NDF : 24.5/28

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.904+/-0.047 χ^2/NDF : 1333347.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

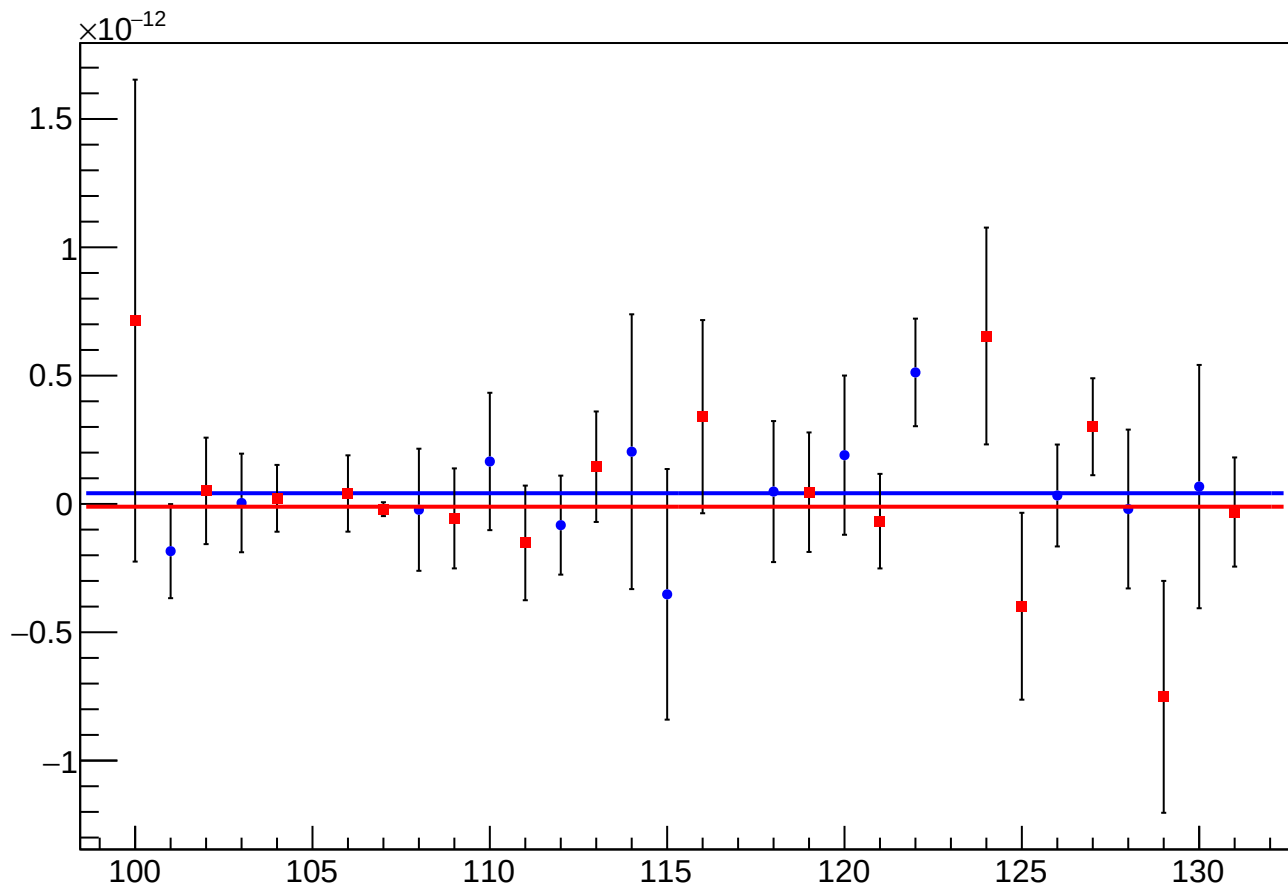
Right: 151.023+/-0.035 χ^2/NDF : 2532540.5/28

In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.023+/-0.035 χ^2/NDF : 2532540.5/28

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

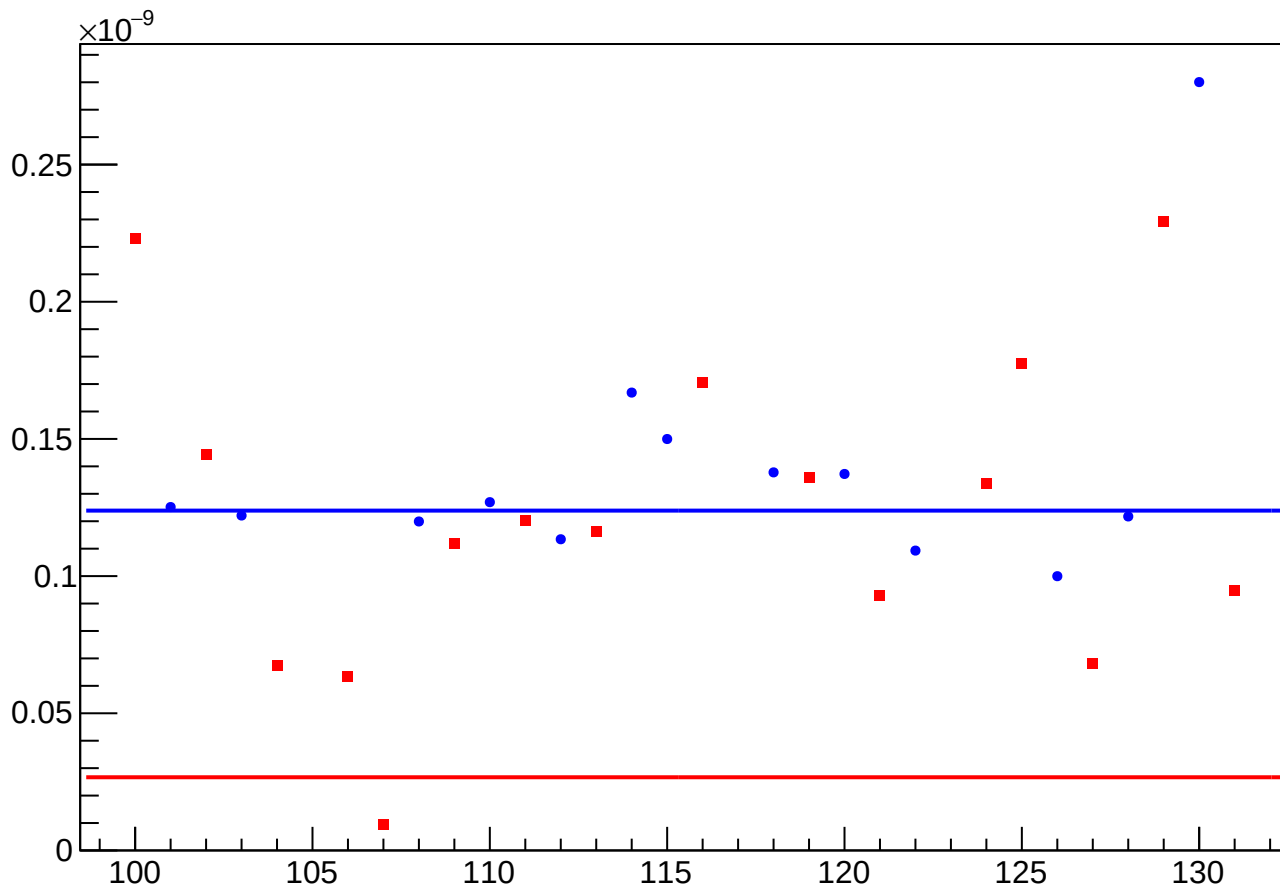
Right: -0.000+/-0.000 χ^2/NDF : 20.9/28

In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/28

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290306.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5099556.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

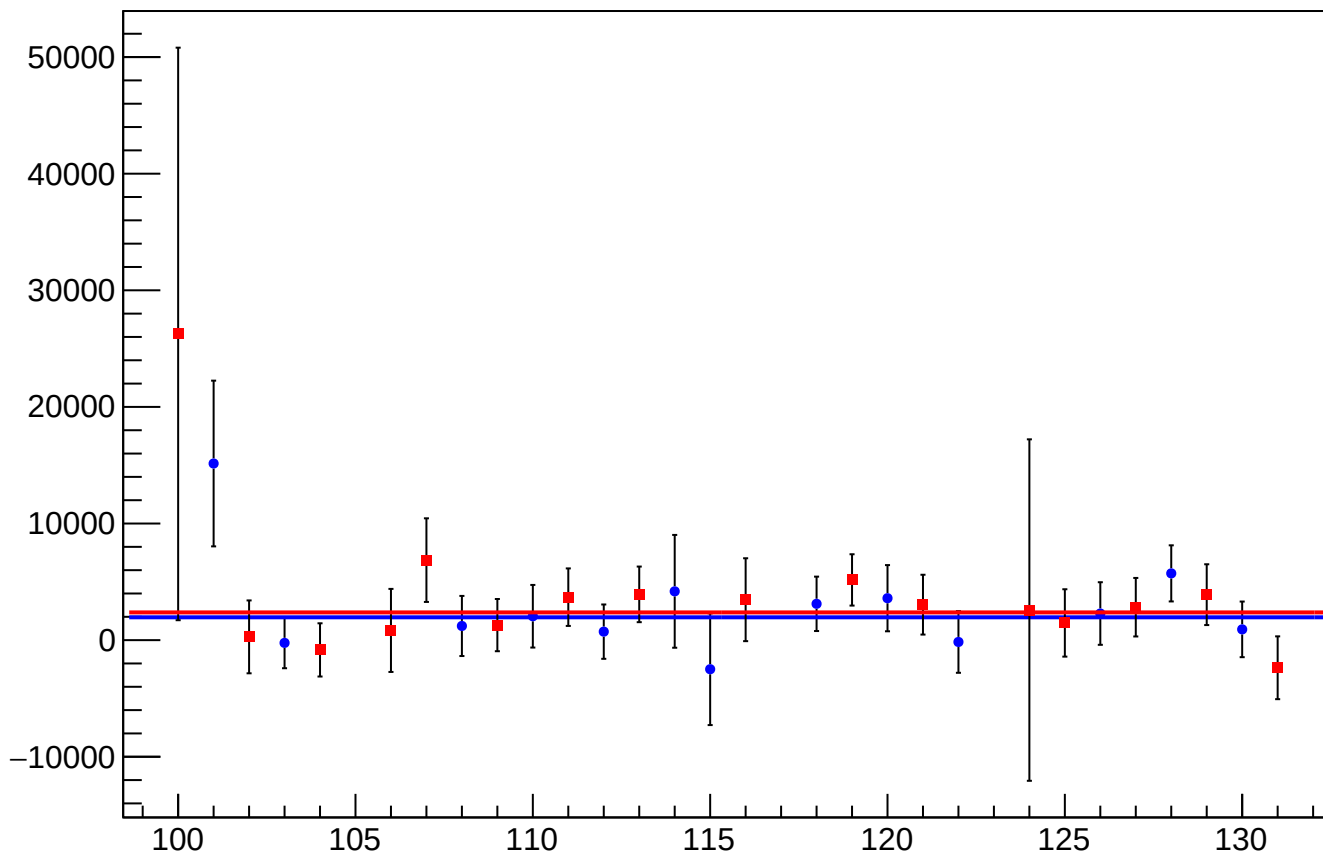
Right: 0.000+/-0.000 χ^2/NDF : 8914807.0/28

In: 0.000+/-0.000 χ^2/NDF : 290306.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8914807.0/28

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1957.811+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2377.979+/-707.369 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

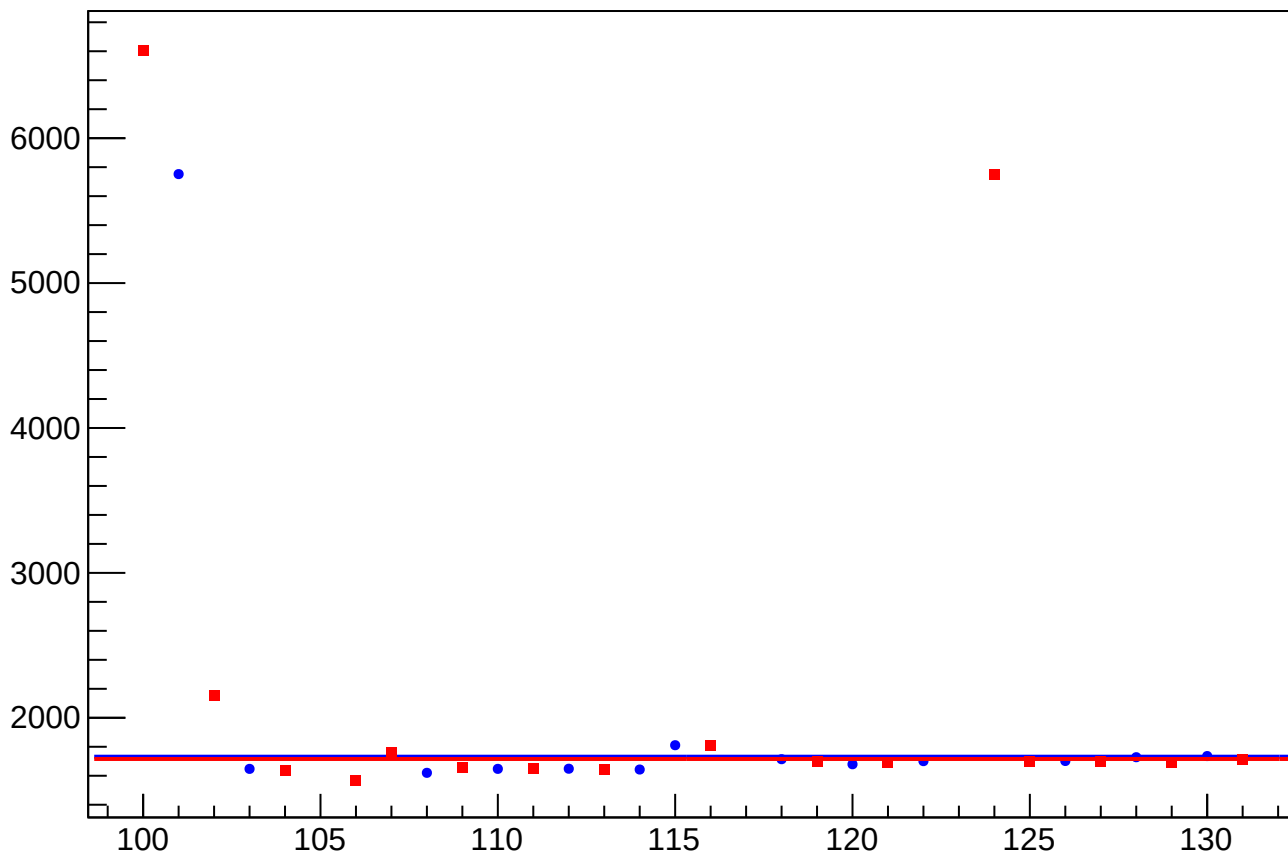
Right: 2183.041+/-517.901 χ^2/NDF : 21.4/28

In: 1957.811+/-760.343 χ^2/NDF :9.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2183.041+/-517.901 χ^2/NDF : 21.4/28

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1731.407+/-0.538 χ^2/NDF : 654085.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.799+/-0.496 χ^2/NDF : 284733.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

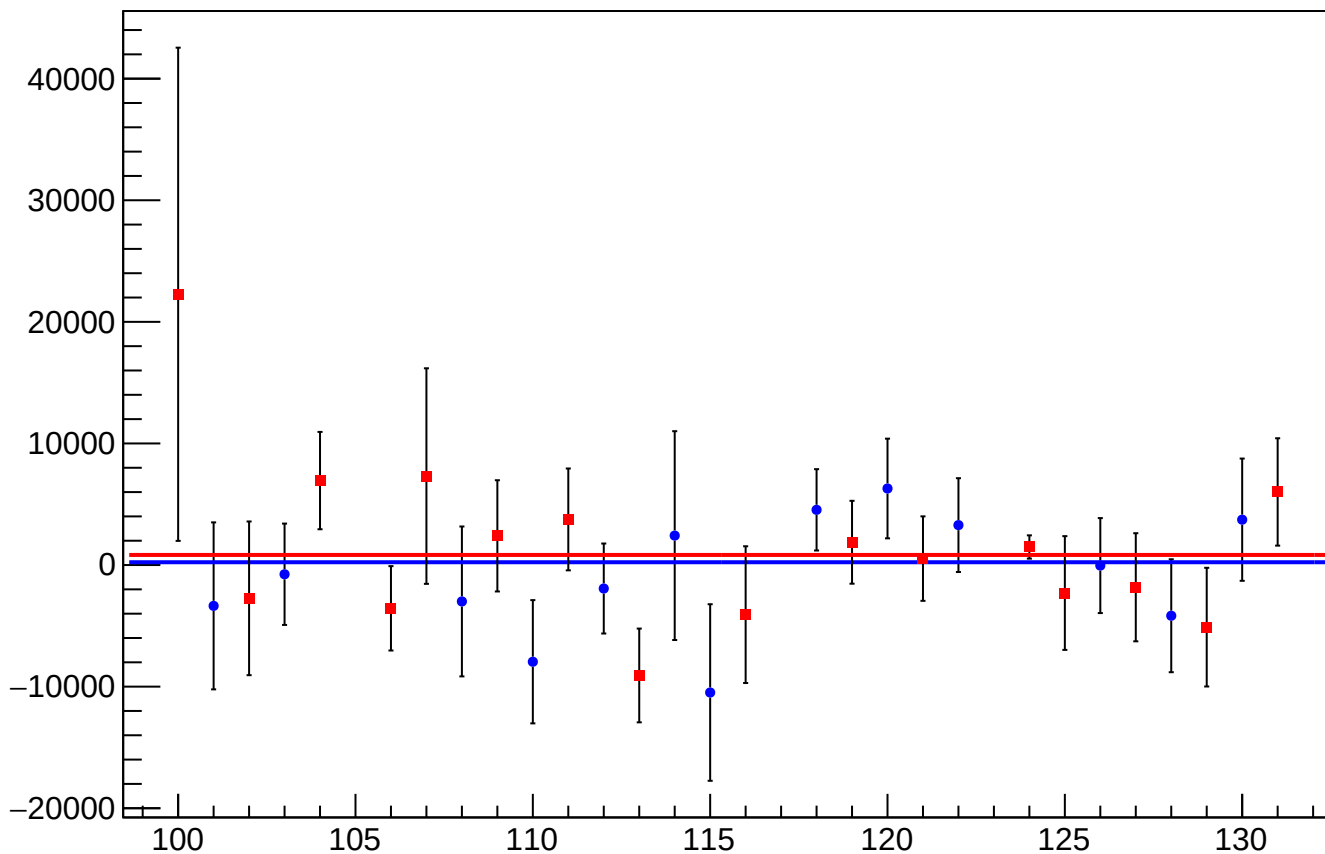
Right: 1722.974+/-0.365 χ^2/NDF : 939274.0/28

In: 1731.407+/-0.538 χ^2/NDF : 654085.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.974+/-0.365 χ^2/NDF : 939274.0/28

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 230.218 $\pm$ 1272.942 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 830.319 $\pm$ 737.311 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

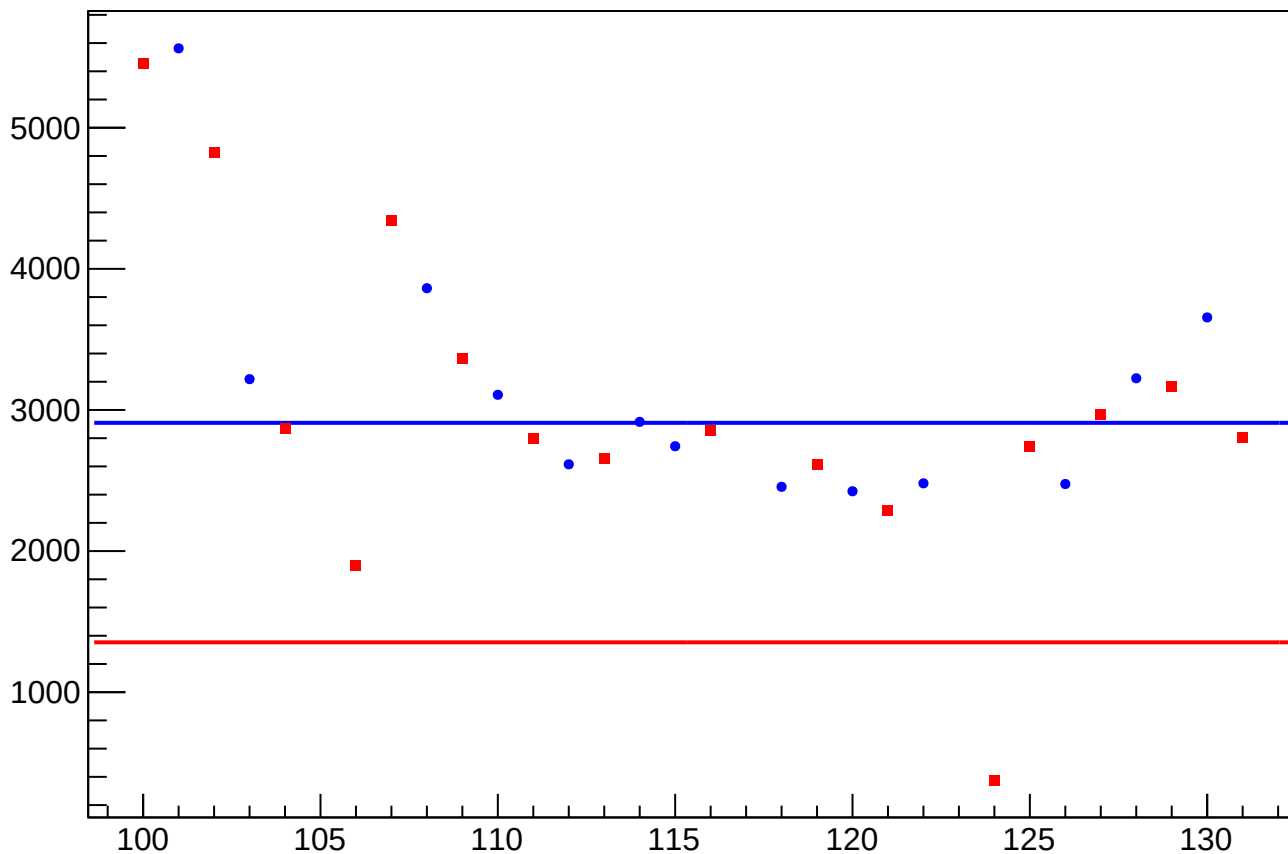
Right: 679.565 $\pm$ 638.014 χ^2 /NDF: 29.9/28

In: 230.218 $\pm$ 1272.942 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 679.565 $\pm$ 638.014 χ^2 /NDF: 29.9/28

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2908.888+/-0.900 χ^2/NDF : 541827.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.394+/-0.521 χ^2/NDF : 5696930.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

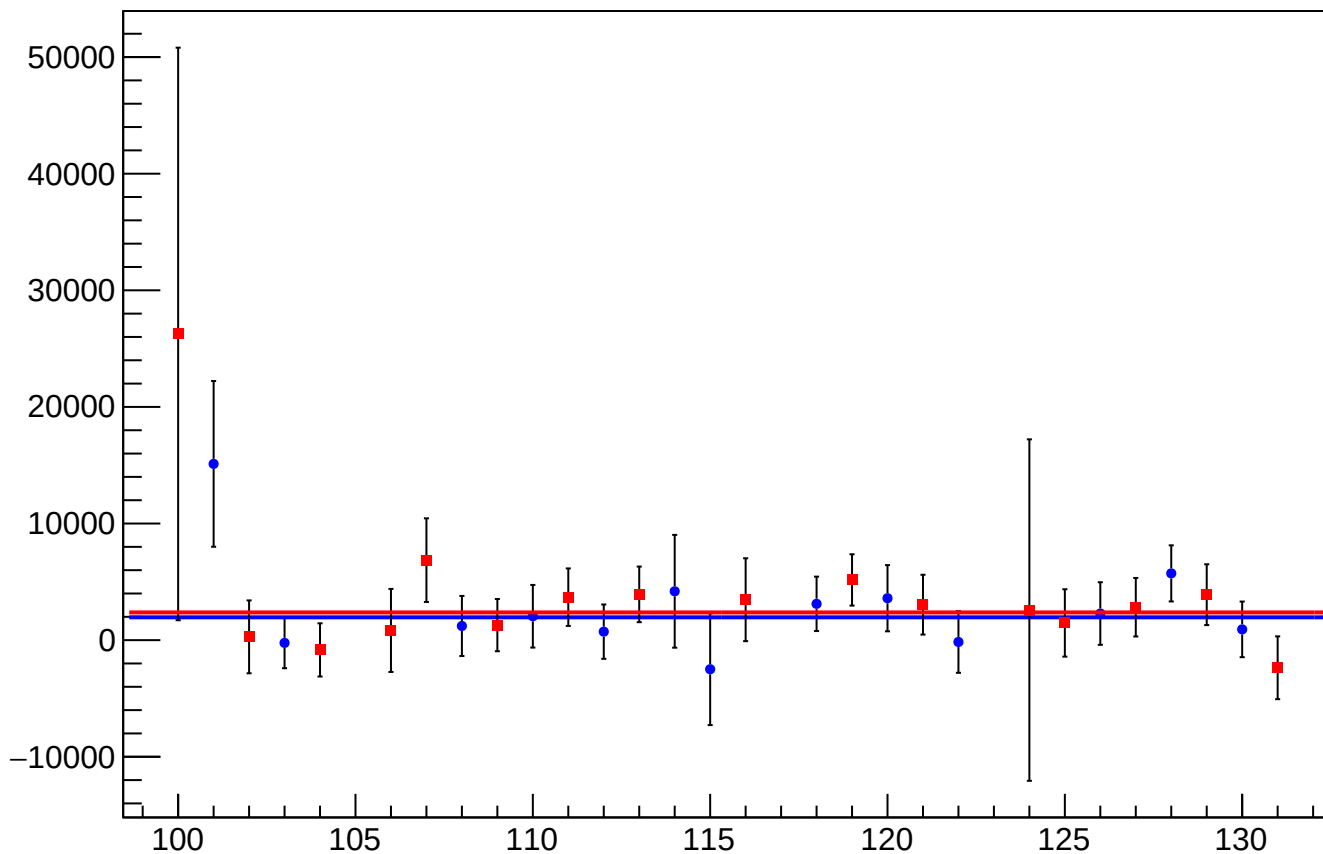
Right: 1744.155+/-0.451 χ^2/NDF : 8474942.3/28

In: 2908.888+/-0.900 χ^2/NDF : 541827.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.155+/-0.451 χ^2/NDF : 8474942.3/28

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2378.047+/-707.369 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

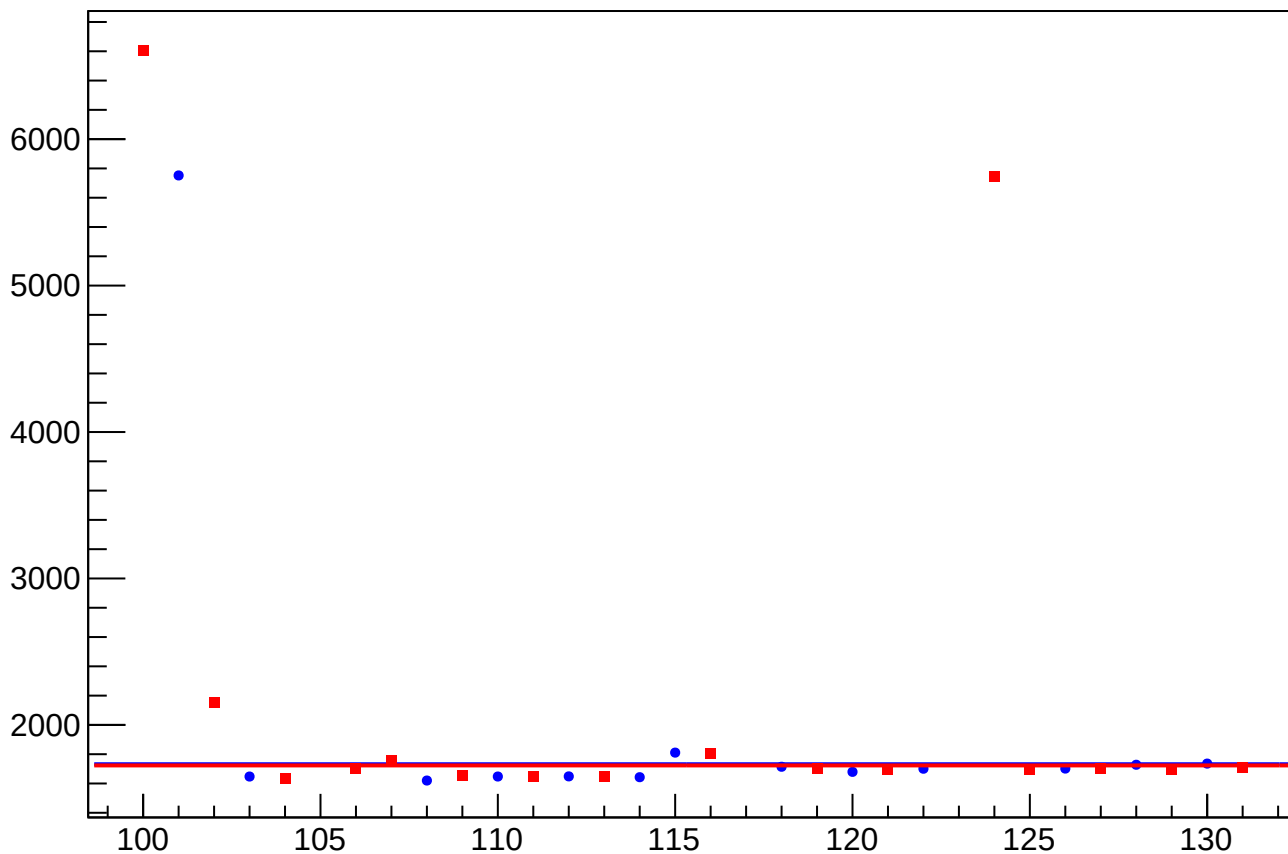
Right: 2182.918+/-517.901 χ^2/NDF : 21.3/28

In: 1957.468+/-760.343 χ^2/NDF :9.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2182.918+/-517.901 χ^2/NDF : 21.3/28

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.399+/-0.498 χ^2/NDF : 279545.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

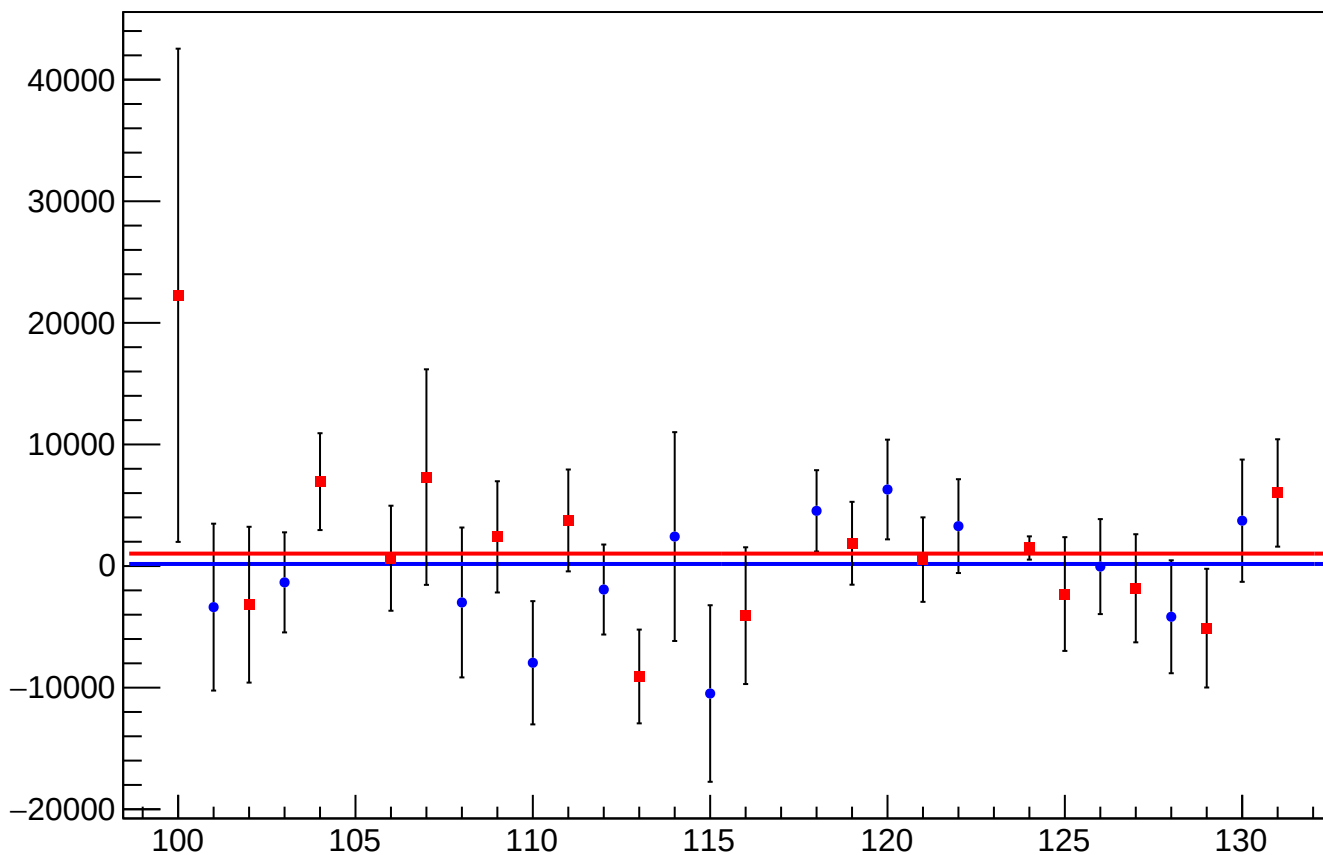
Right: 1727.097+/-0.365 χ^2/NDF : 933749.5/28

In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.097+/-0.365 χ^2/NDF : 933749.5/28

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.471 $\pm$ 1271.403 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1024.149 $\pm$ 743.313 χ^2 /NDF: 16.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

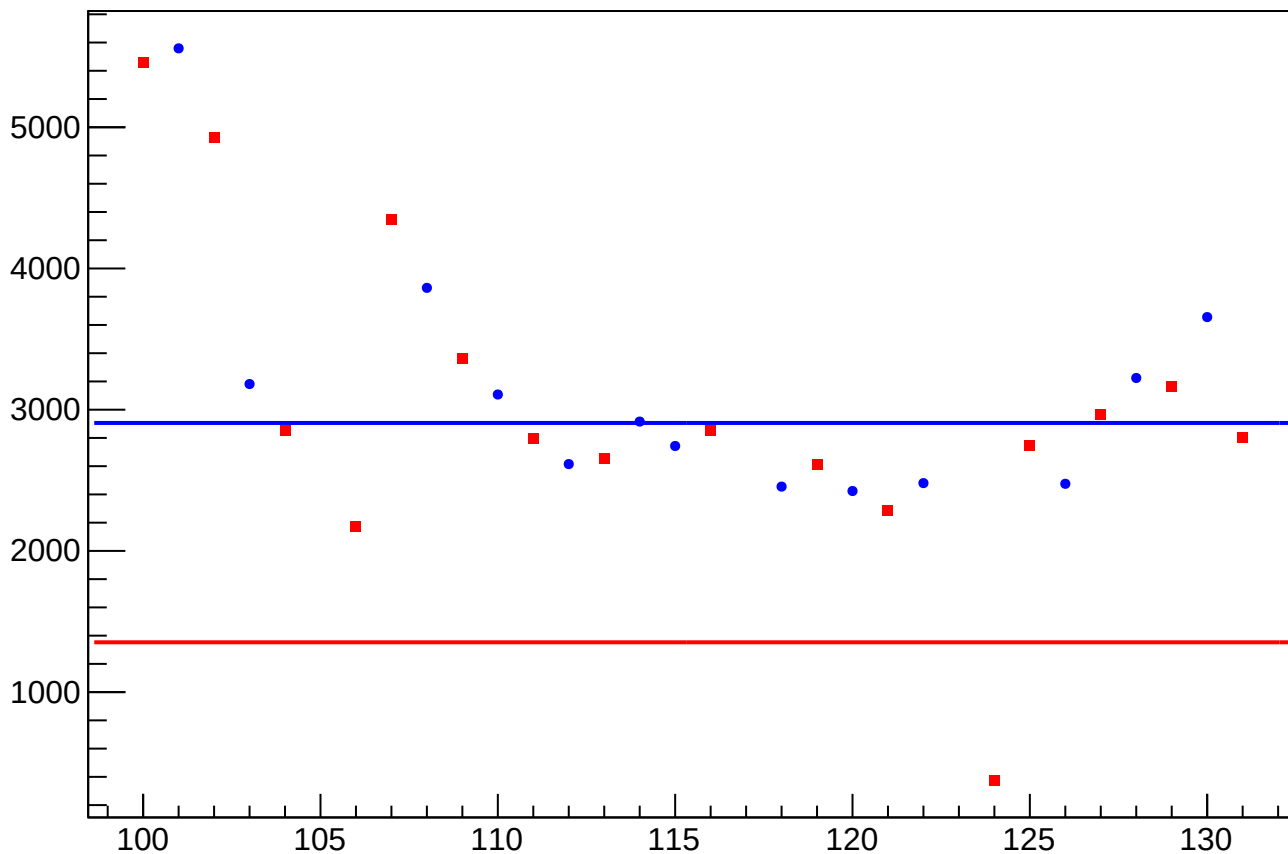
Right: 806.942 $\pm$ 641.693 χ^2 /NDF: 28.6/28

In: 171.471 $\pm$ 1271.403 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 806.942 $\pm$ 641.693 χ^2 /NDF: 28.6/28

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.868+/-0.526 χ^2/NDF : 5735897.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

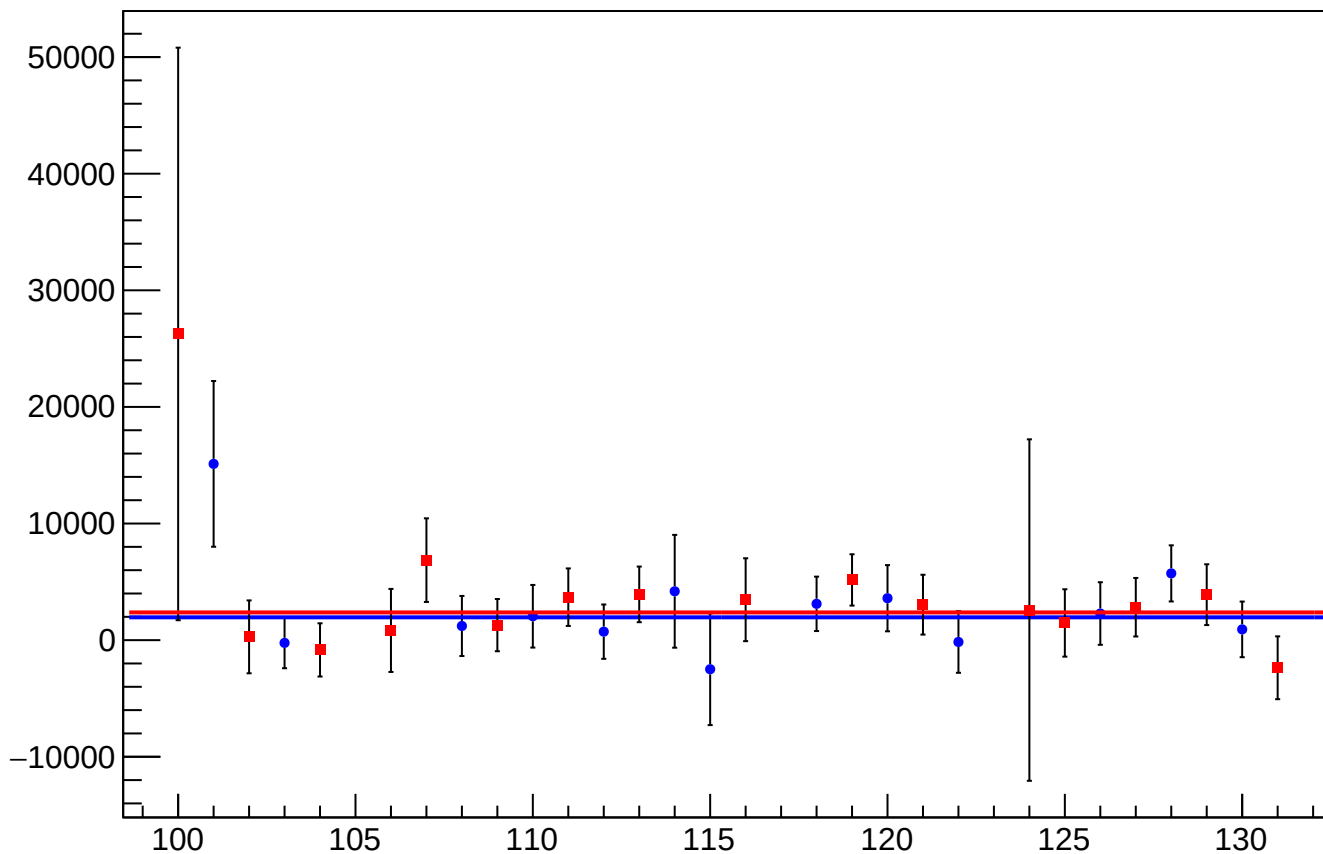
Right: 1748.532+/-0.454 χ^2/NDF : 8499604.5/28

In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.532+/-0.454 χ^2/NDF : 8499604.5/28

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2378.047+/-707.369 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

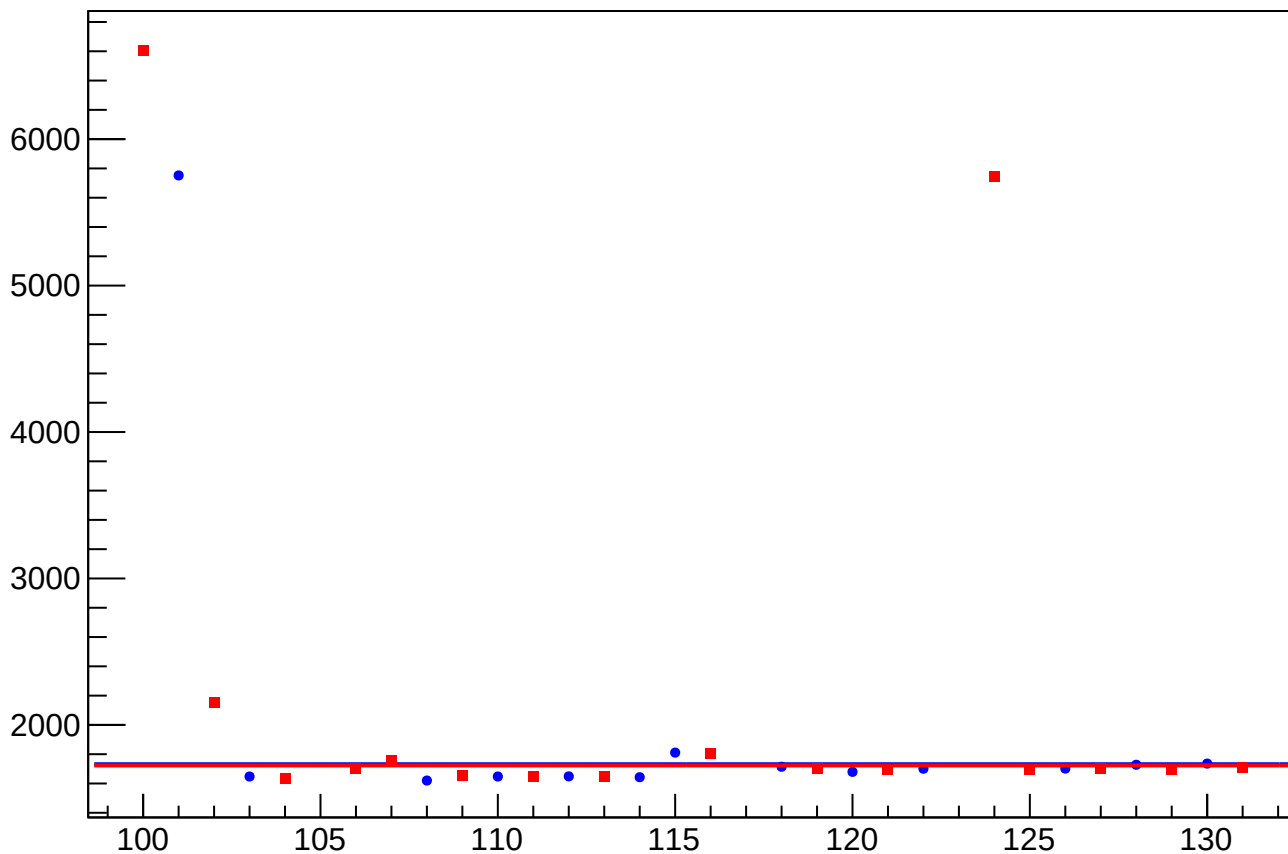
Right: 2182.918+/-517.901 χ^2/NDF : 21.3/28

In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.918+/-517.901 χ^2/NDF : 21.3/28

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.399+/-0.498 χ^2/NDF : 279545.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

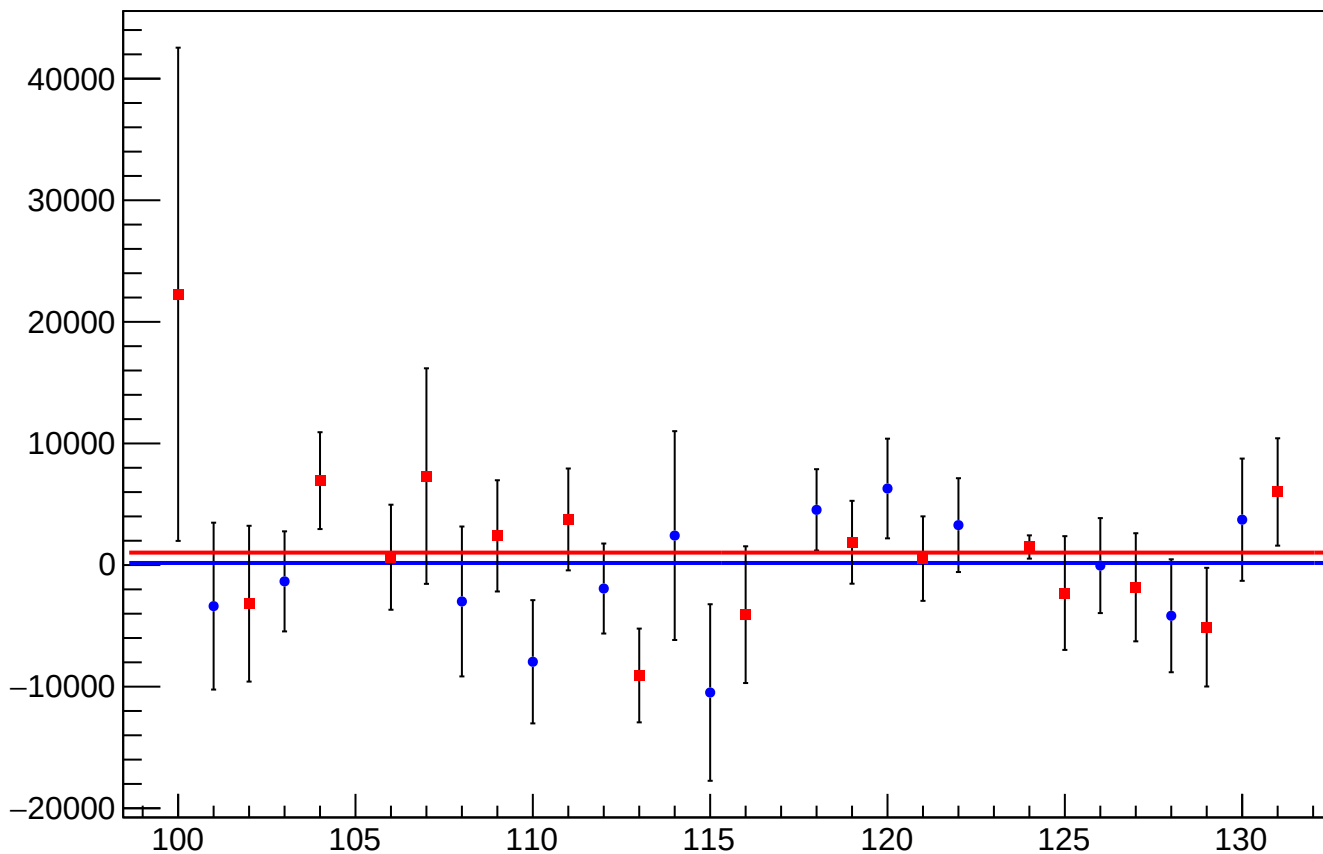
Right: 1727.097+/-0.365 χ^2/NDF : 933749.5/28

In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.097+/-0.365 χ^2/NDF : 933749.5/28

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.471+/-1271.403 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.149+/-743.313 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

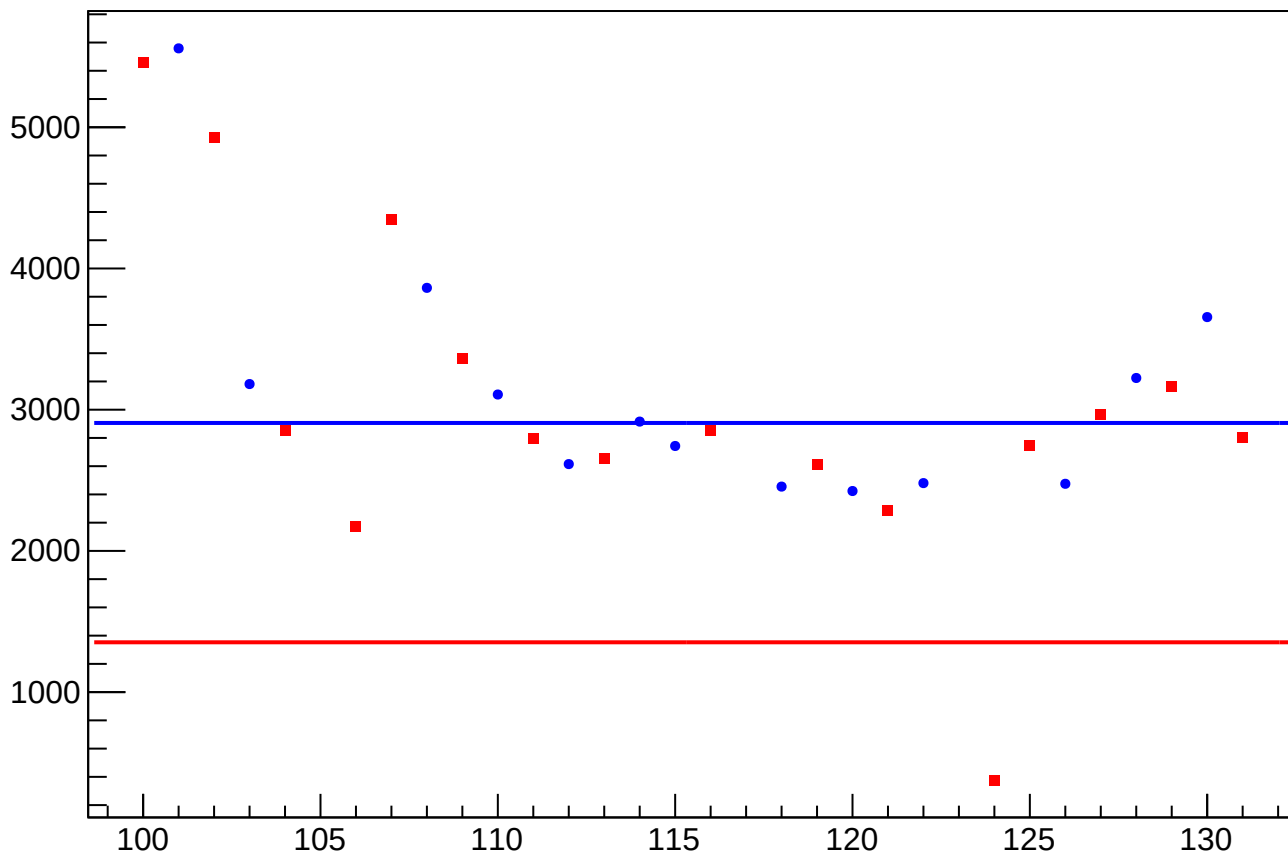
Right: 806.942+/-641.693 χ^2/NDF : 28.6/28

In: 171.471+/-1271.403 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.942+/-641.693 χ^2/NDF : 28.6/28

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.868+/-0.526 χ^2/NDF : 5735897.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

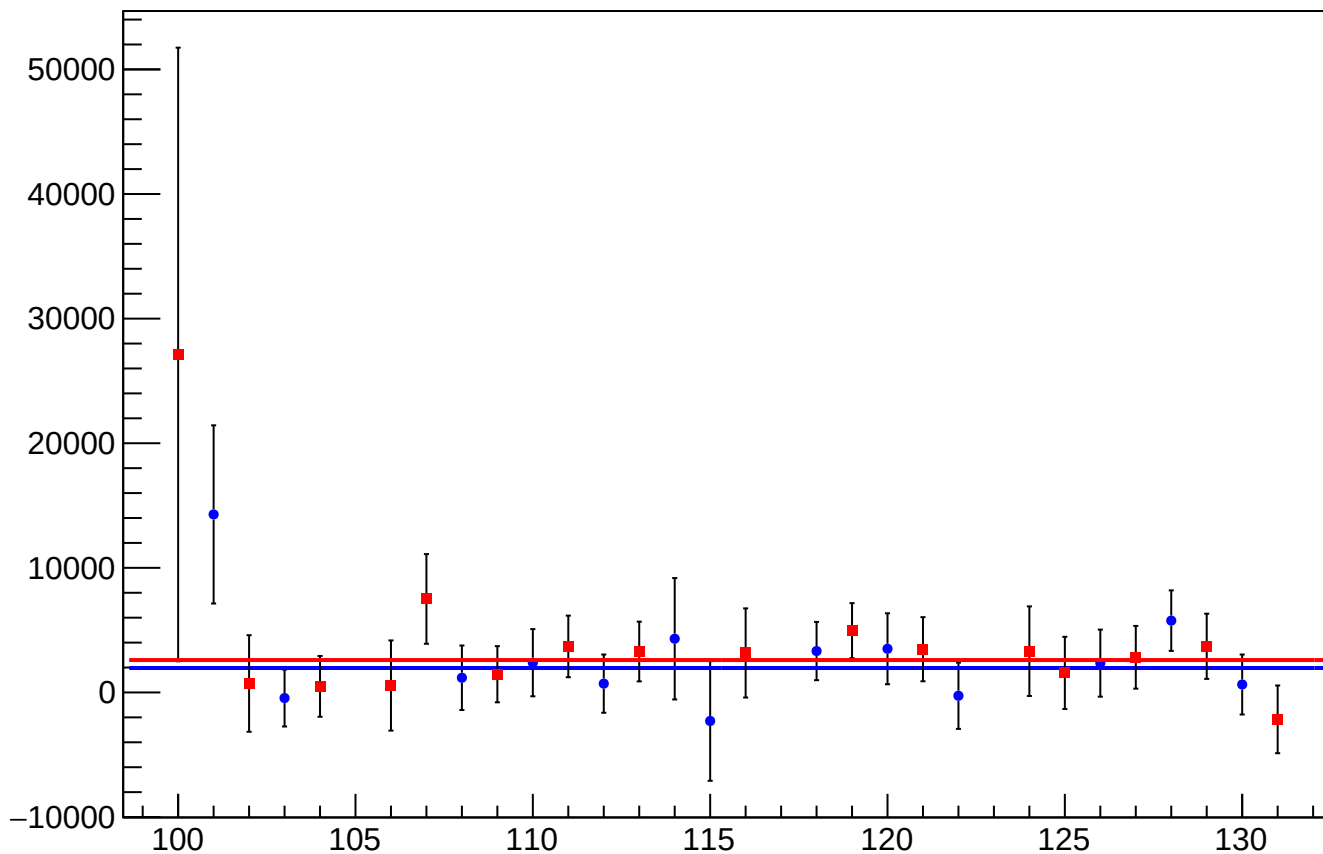
Right: 1748.532+/-0.454 χ^2/NDF : 8499604.5/28

In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.532+/-0.454 χ^2/NDF : 8499604.5/28

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1961.953+/-768.295 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2600.302+/-708.026 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

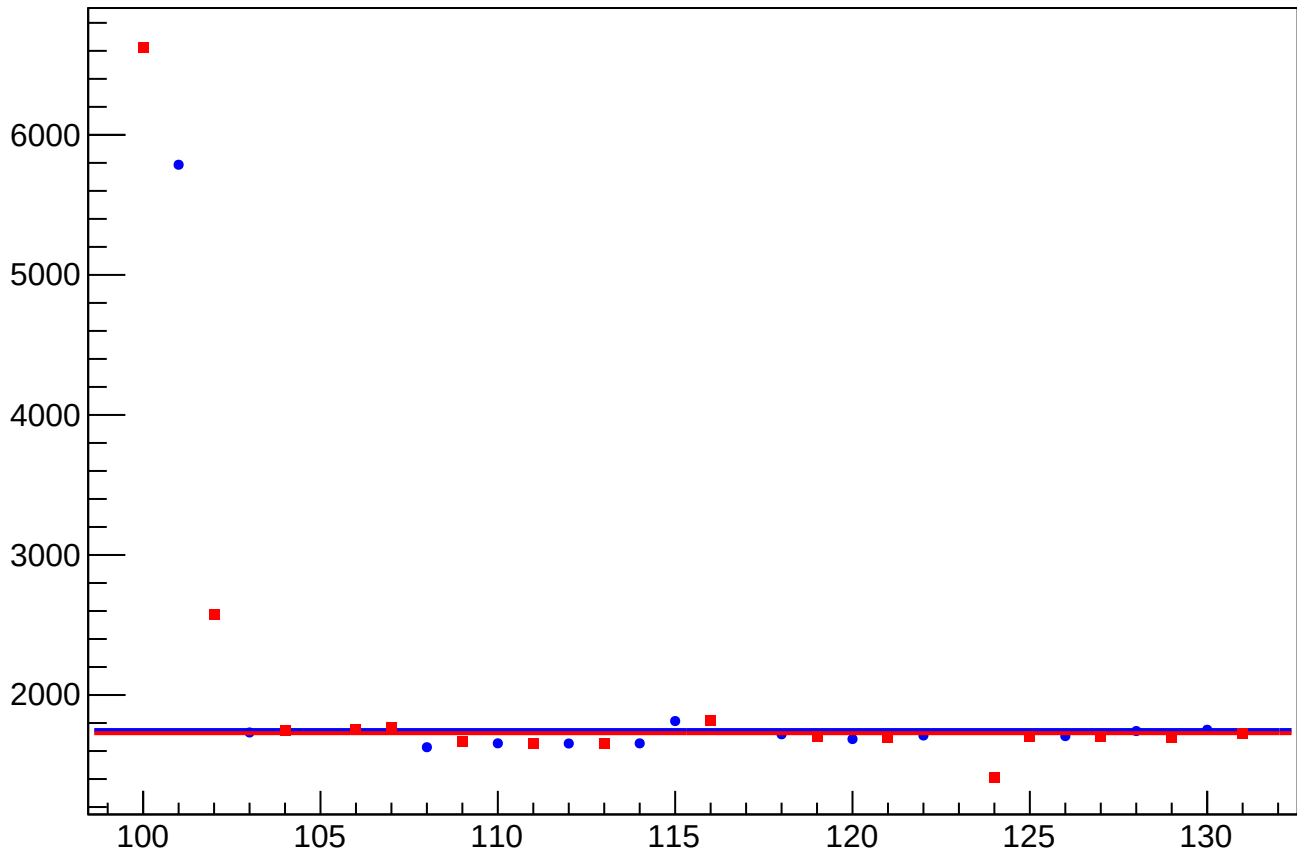
Right: 2307.144+/-520.655 χ^2/NDF : 19.4/28

In: 1961.953+/-768.295 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2307.144+/-520.655 χ^2/NDF : 19.4/28

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.364+/-0.499 χ^2/NDF : 198081.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

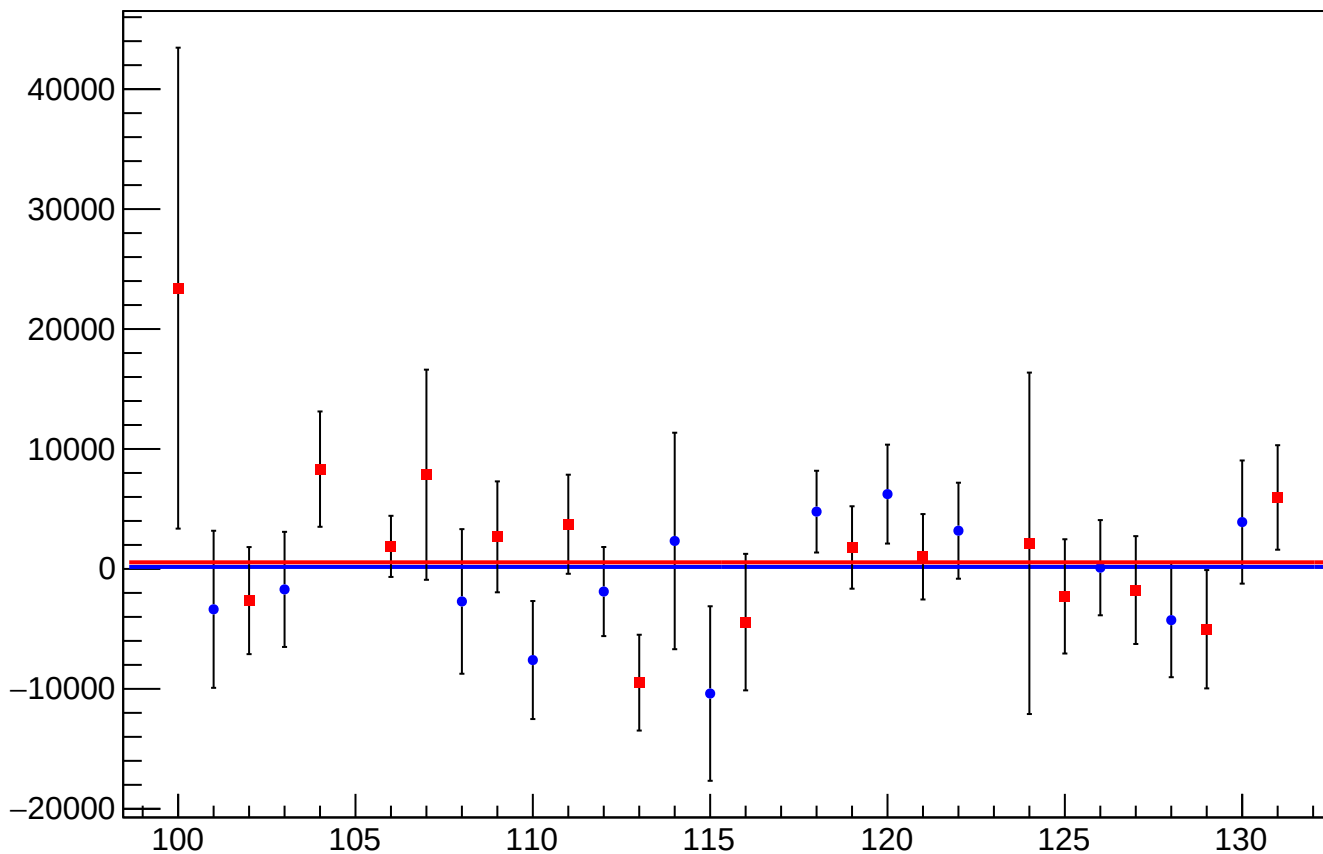
Right: 1737.568+/-0.368 χ^2/NDF : 850446.5/28

In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.568+/-0.368 χ^2/NDF : 850446.5/28

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 165.378+/-1299.518 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.235+/-1105.798 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

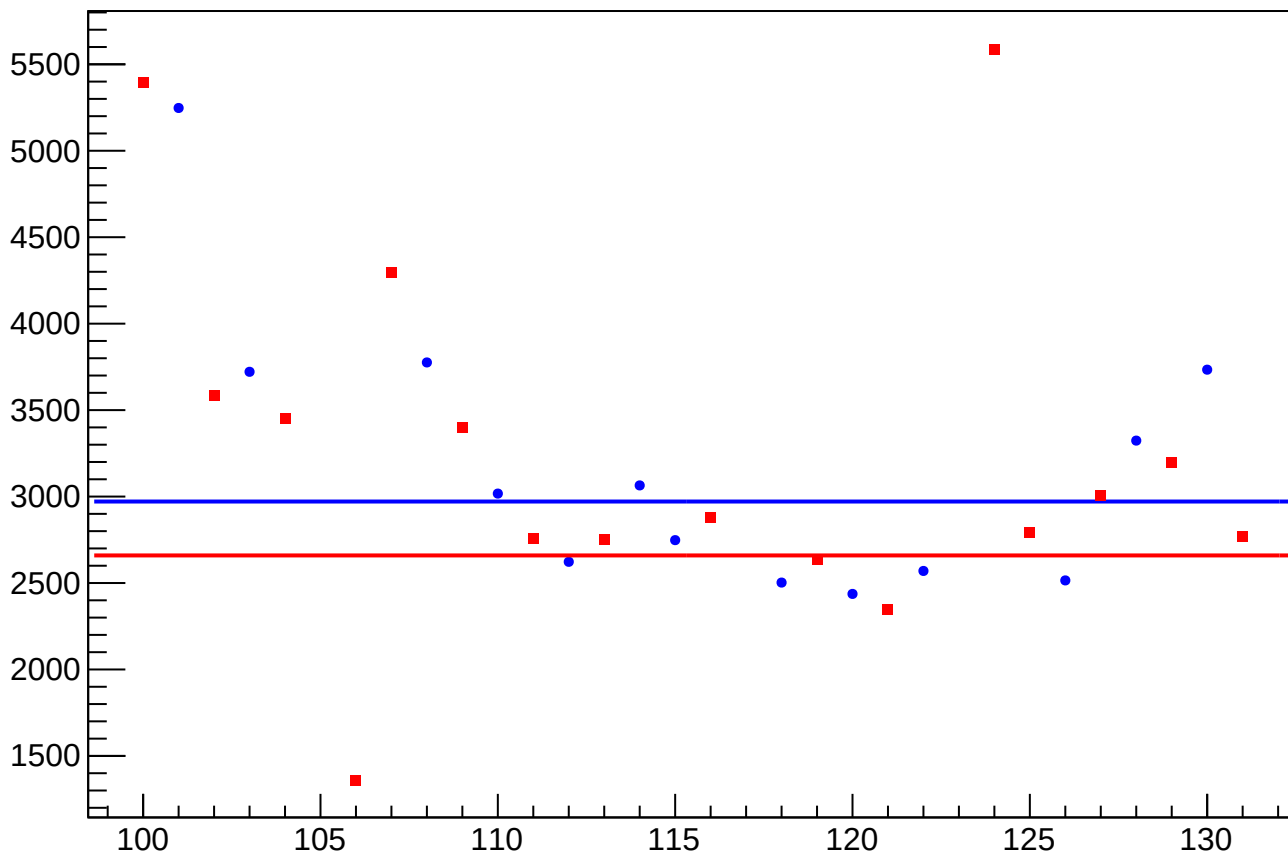
Right: 389.182+/-842.165 χ^2/NDF : 28.5/28

In: 165.378+/-1299.518 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.182+/-842.165 χ^2/NDF : 28.5/28

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2971.352+/-0.919 χ^2/NDF : 519112.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2659.556+/-0.782 χ^2/NDF : 964536.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

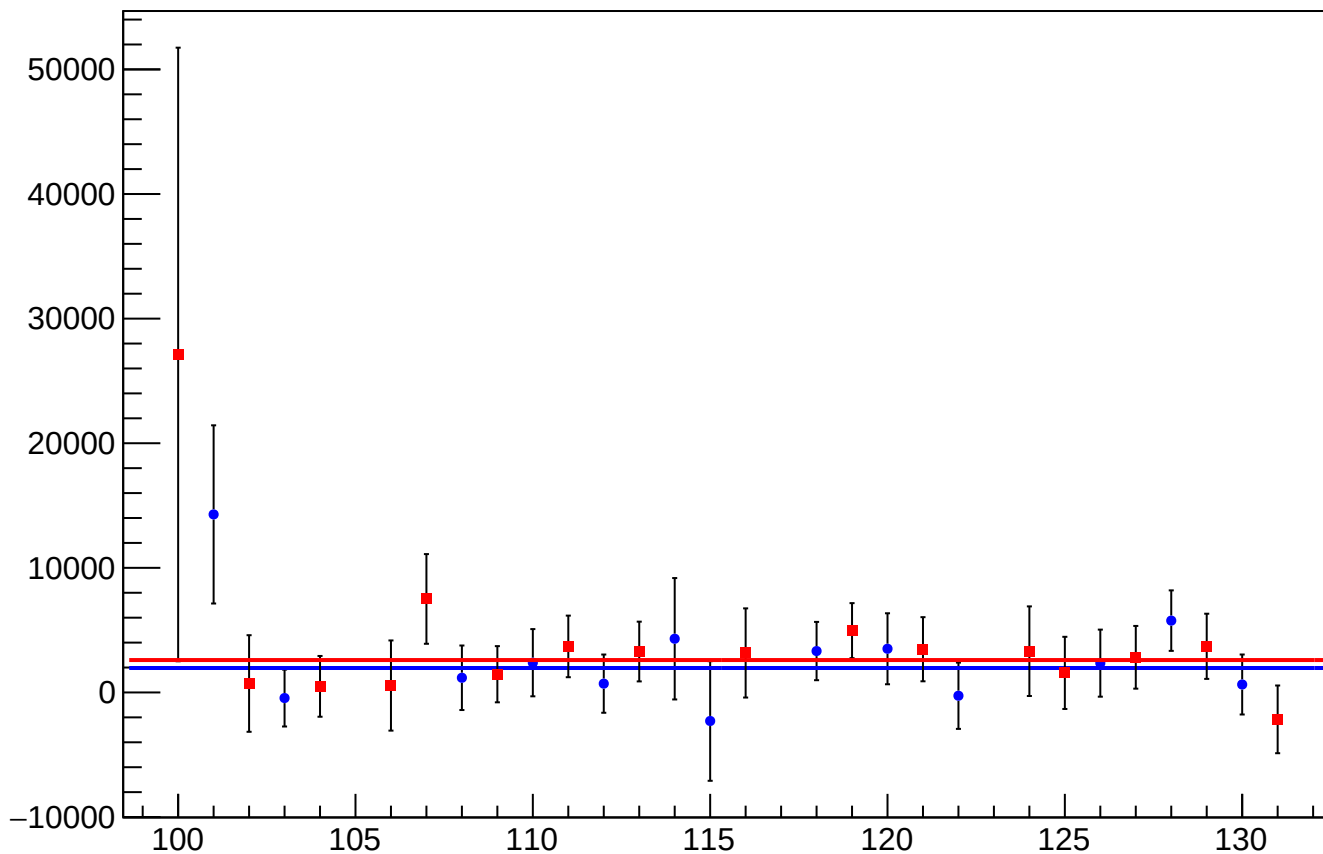
Right: 2790.504+/-0.596 χ^2/NDF : 1550429.6/28

In: 2971.352+/-0.919 χ^2/NDF :519112.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2790.504+/-0.596 χ^2/NDF : 1550429.6/28

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1961.957+/-768.295 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2600.306+/-708.026 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

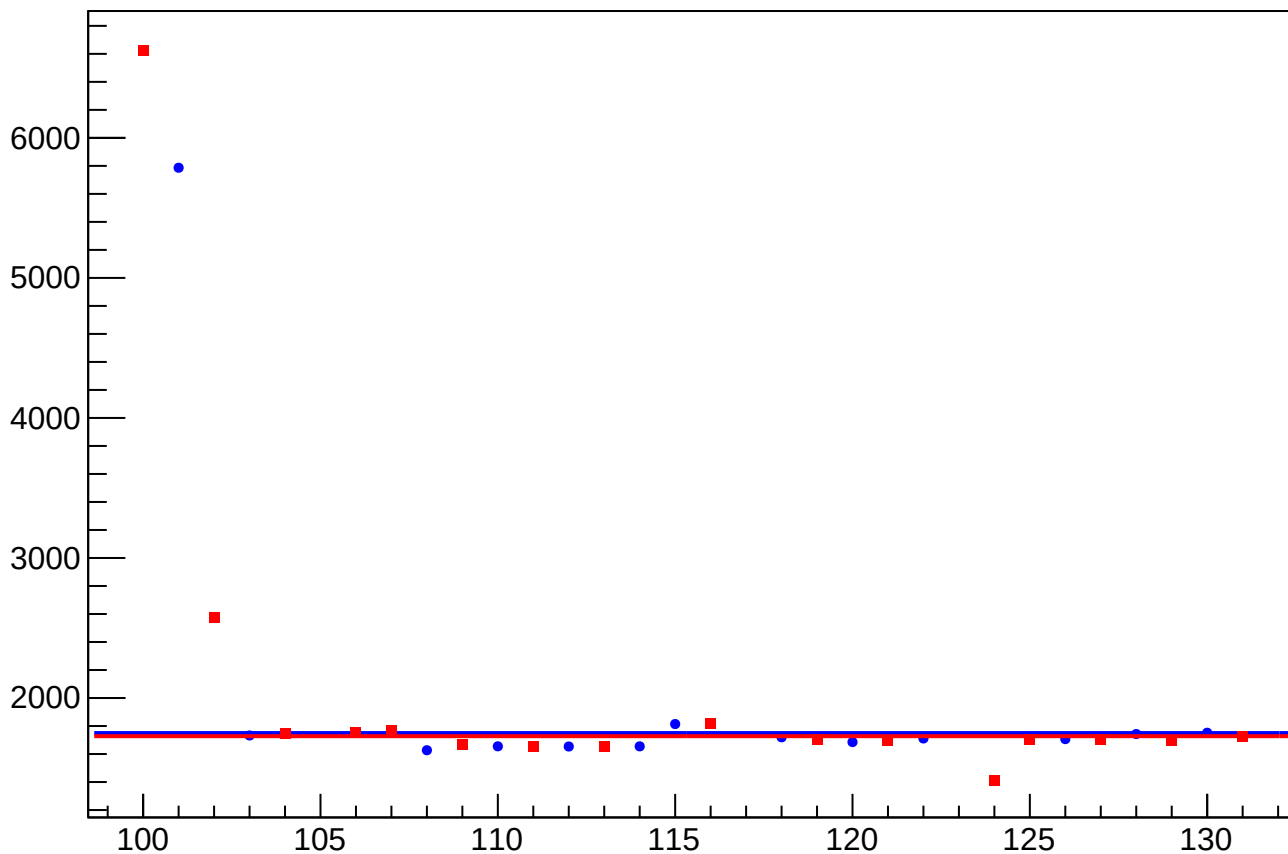
Right: 2307.148+/-520.655 χ^2/NDF : 19.4/28

In: 1961.957+/-768.295 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2307.148+/-520.655 χ^2/NDF : 19.4/28

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.364+/-0.499 χ^2/NDF : 198081.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

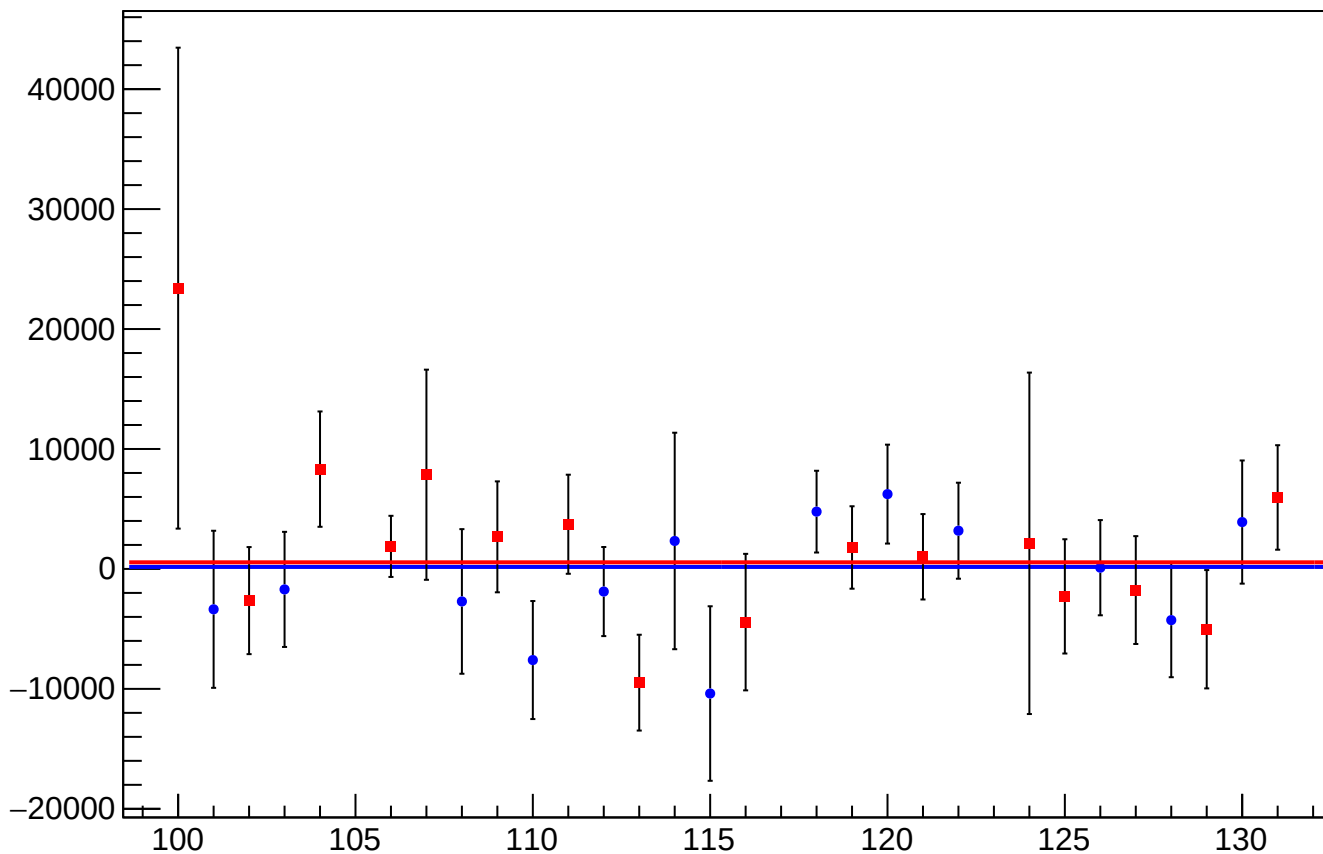
Right: 1737.568+/-0.368 χ^2/NDF : 850446.3/28

In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.568+/-0.368 χ^2/NDF : 850446.3/28

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 165.381+/-1299.513 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.237+/-1105.793 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

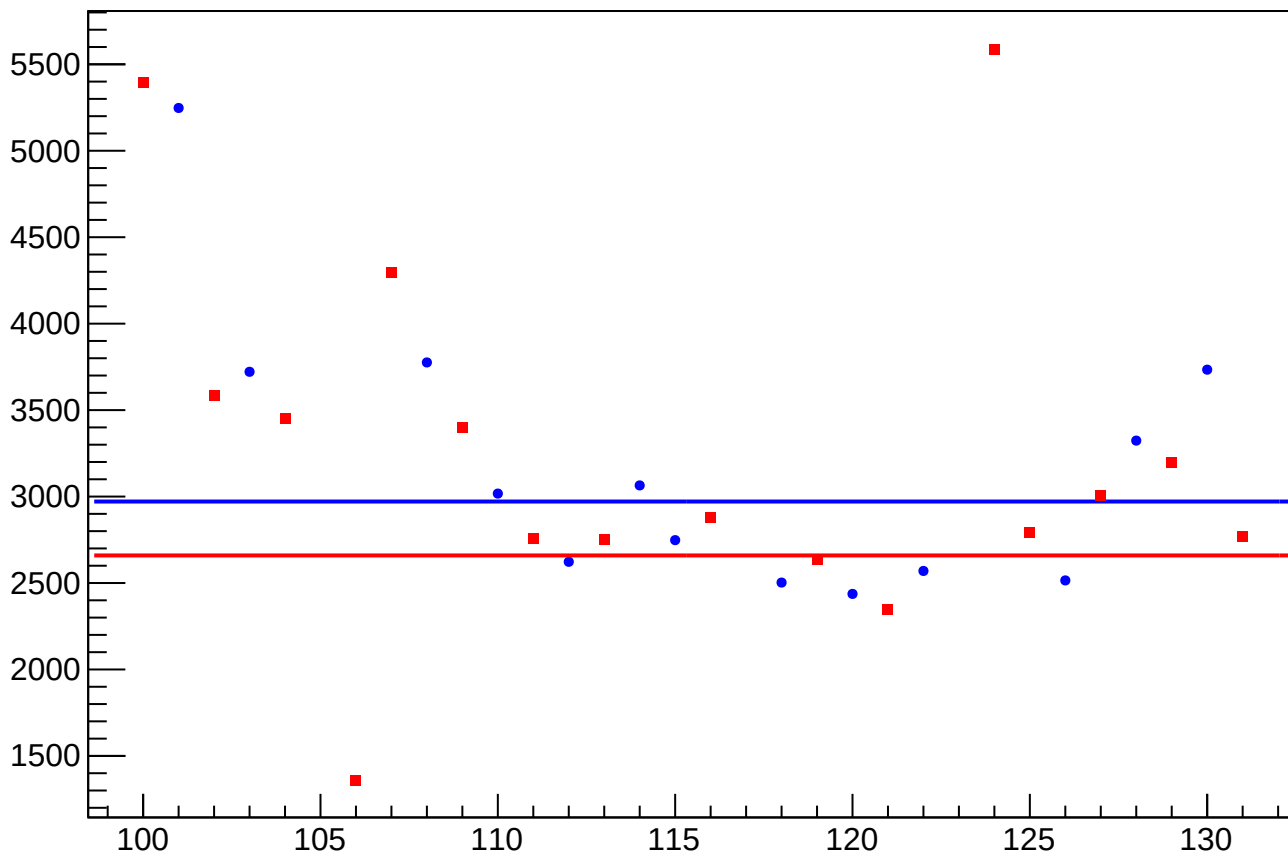
Right: 389.185+/-842.161 χ^2/NDF : 28.5/28

In: 165.381+/-1299.513 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.185+/-842.161 χ^2/NDF : 28.5/28

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2971.340+/-0.919 χ^2/NDF : 519116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.543+/-0.782 χ^2/NDF : 964551.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

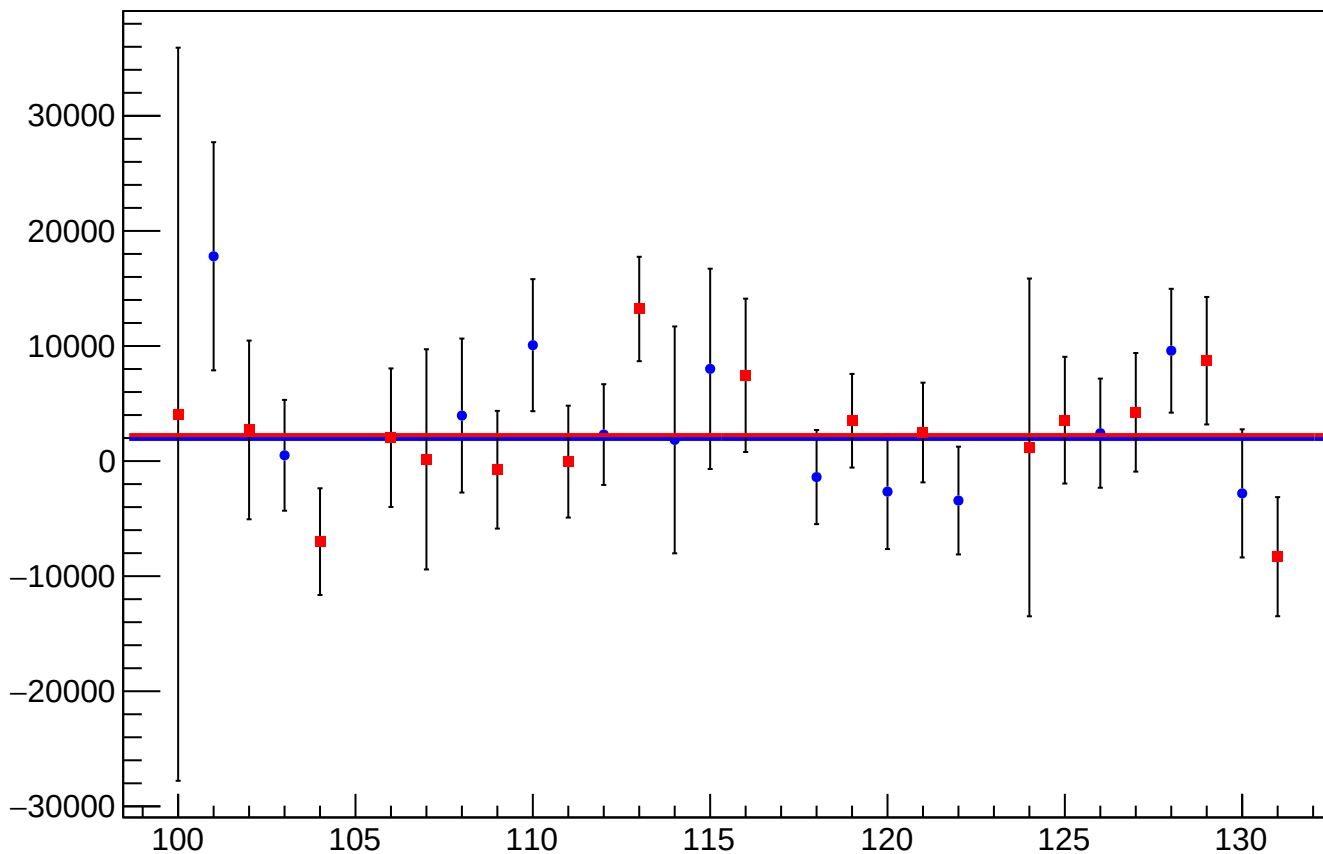
Right: 2790.492+/-0.595 χ^2/NDF : 1550449.5/28

In: 2971.340+/-0.919 χ^2/NDF : 519116.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2790.492+/-0.595 χ^2/NDF : 1550449.5/28

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1925.189+/-1510.032 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2261.037+/-1396.021 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

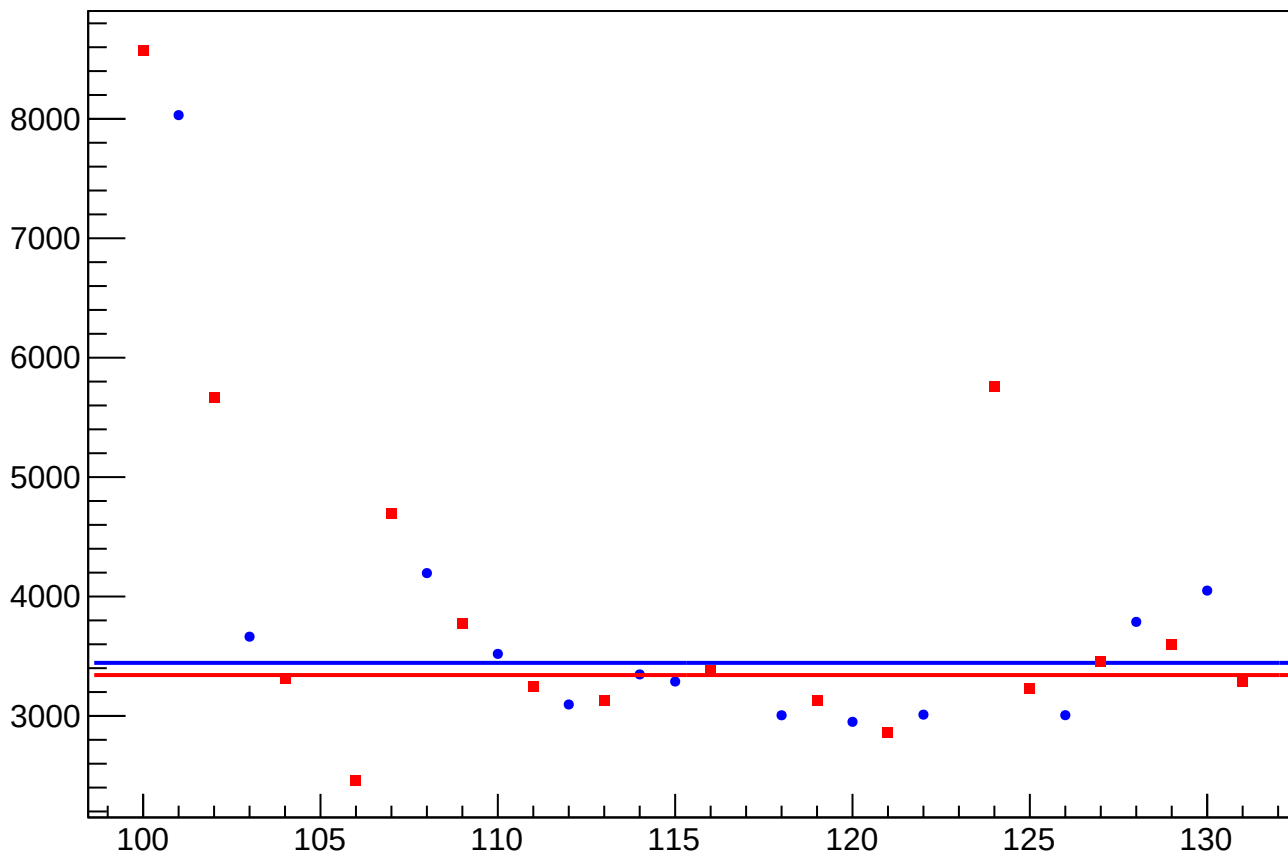
Right: 2106.269+/-1025.075 χ^2/NDF : 27.7/28

In: 1925.189+/-1510.032 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.269+/-1025.075 χ^2/NDF : 27.7/28

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3444.480+/-1.068 χ^2/NDF : 580157.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3342.264+/-0.971 χ^2/NDF : 452949.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

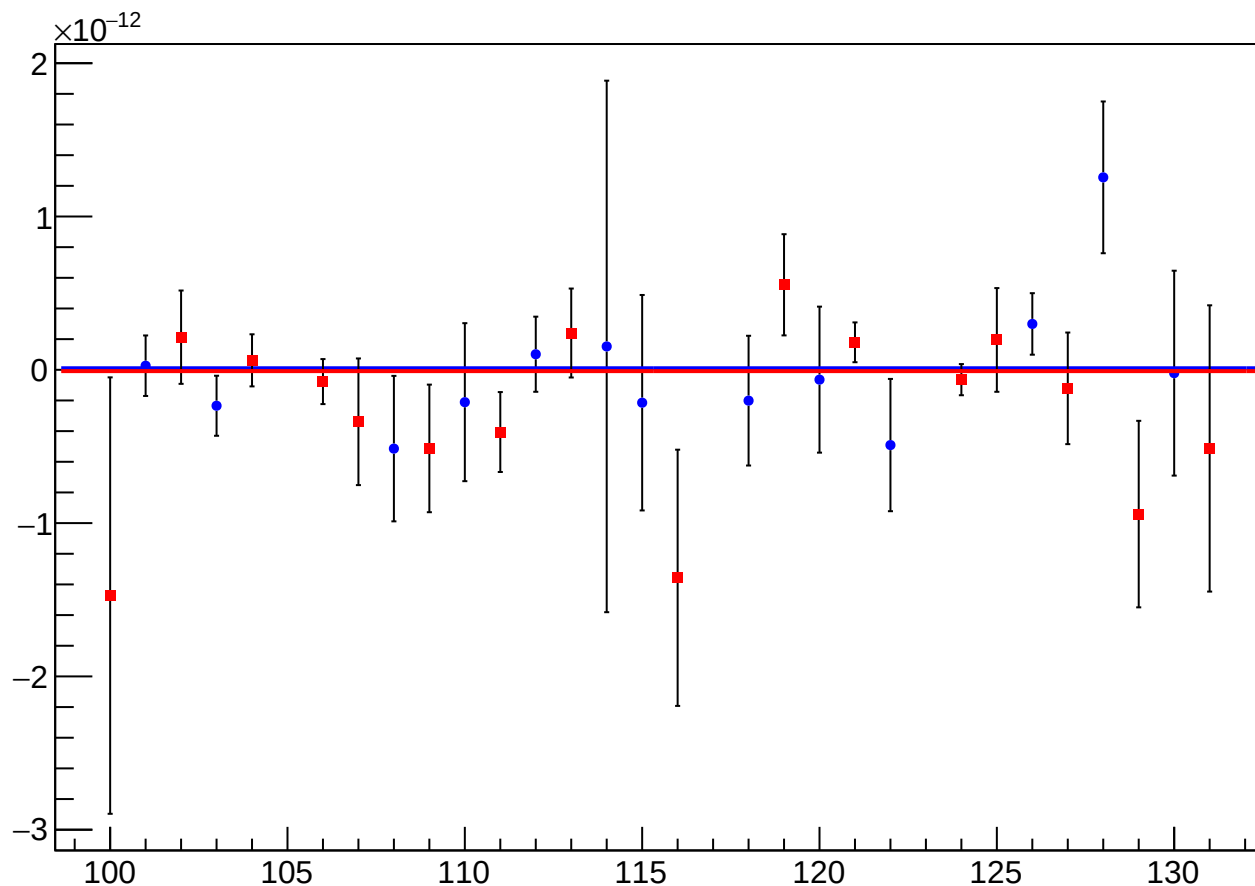
Right: 3388.518+/-0.718 χ^2/NDF : 1038124.7/28

In: 3444.480+/-1.068 χ^2/NDF : 580157.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3388.518+/-0.718 χ^2/NDF : 1038124.7/28

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

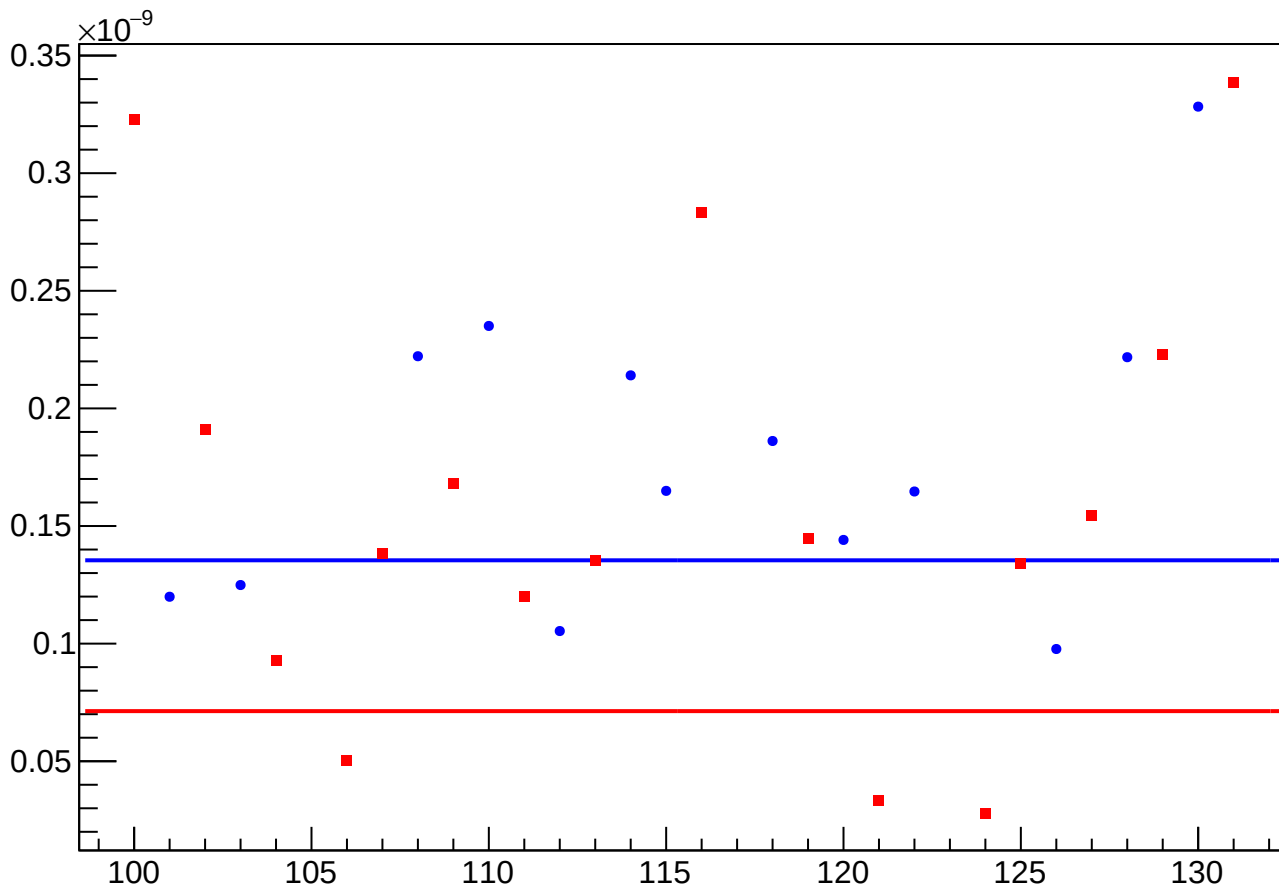
Right: -0.000+/-0.000 χ^2/NDF : 31.4/28

In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/28

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 534191.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2004074.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

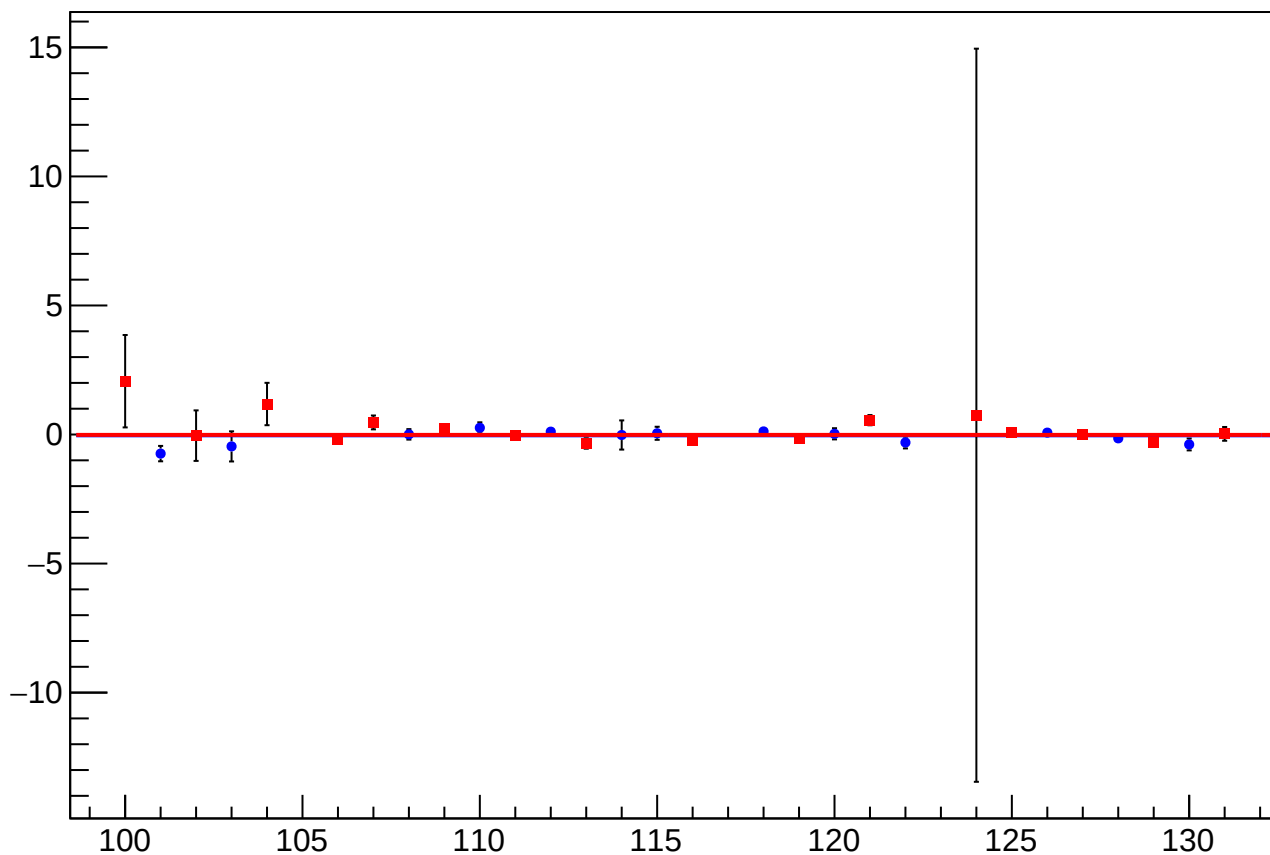
Right: 0.000+/-0.000 χ^2/NDF : 3277766.3/28

In: 0.000+/-0.000 χ^2/NDF : 534191.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3277766.3/28

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.053 $\chi^2/\text{NDF}: 26.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

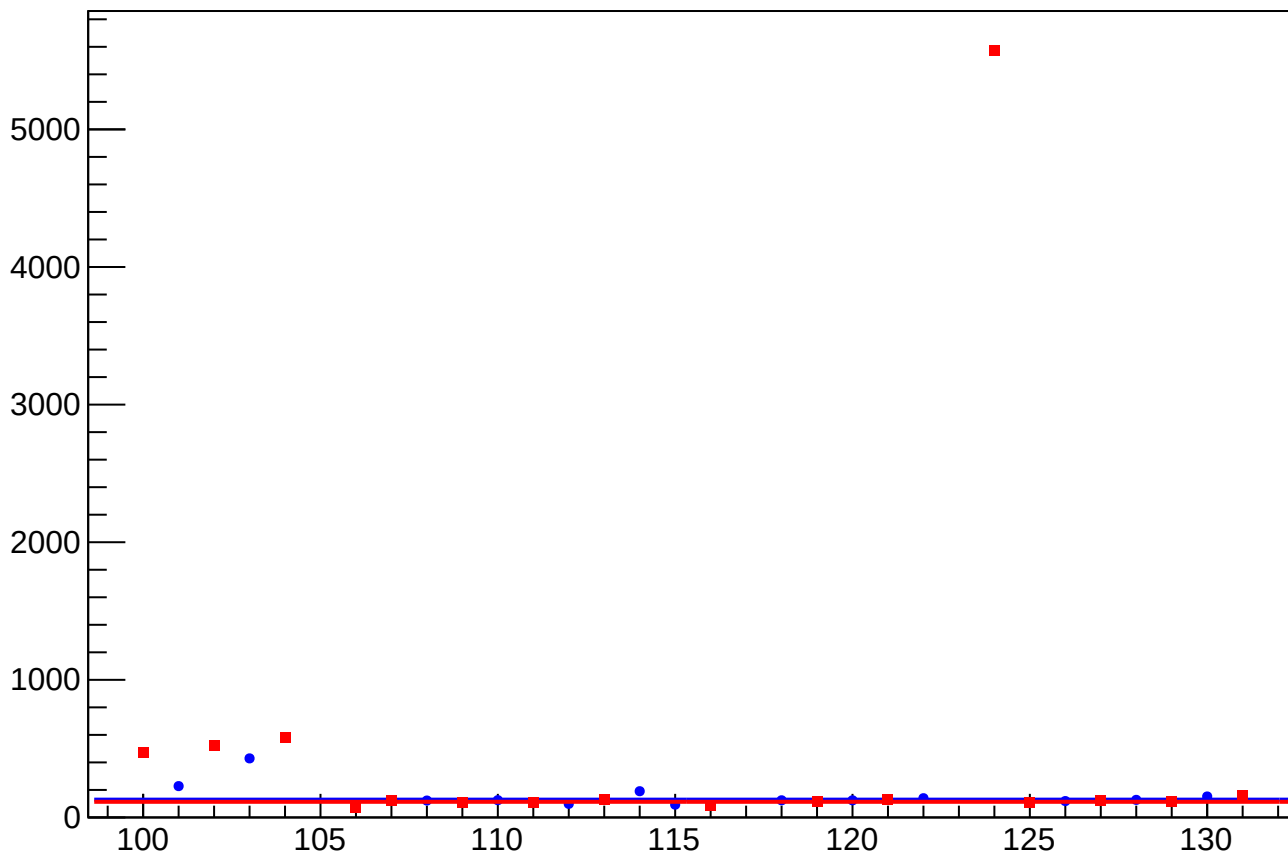
Right: -0.022 ± 0.040 $\chi^2/\text{NDF}: 41.0/28$

In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.022 ± 0.040 $\chi^2/\text{NDF}: 41.0/28$

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1671048.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

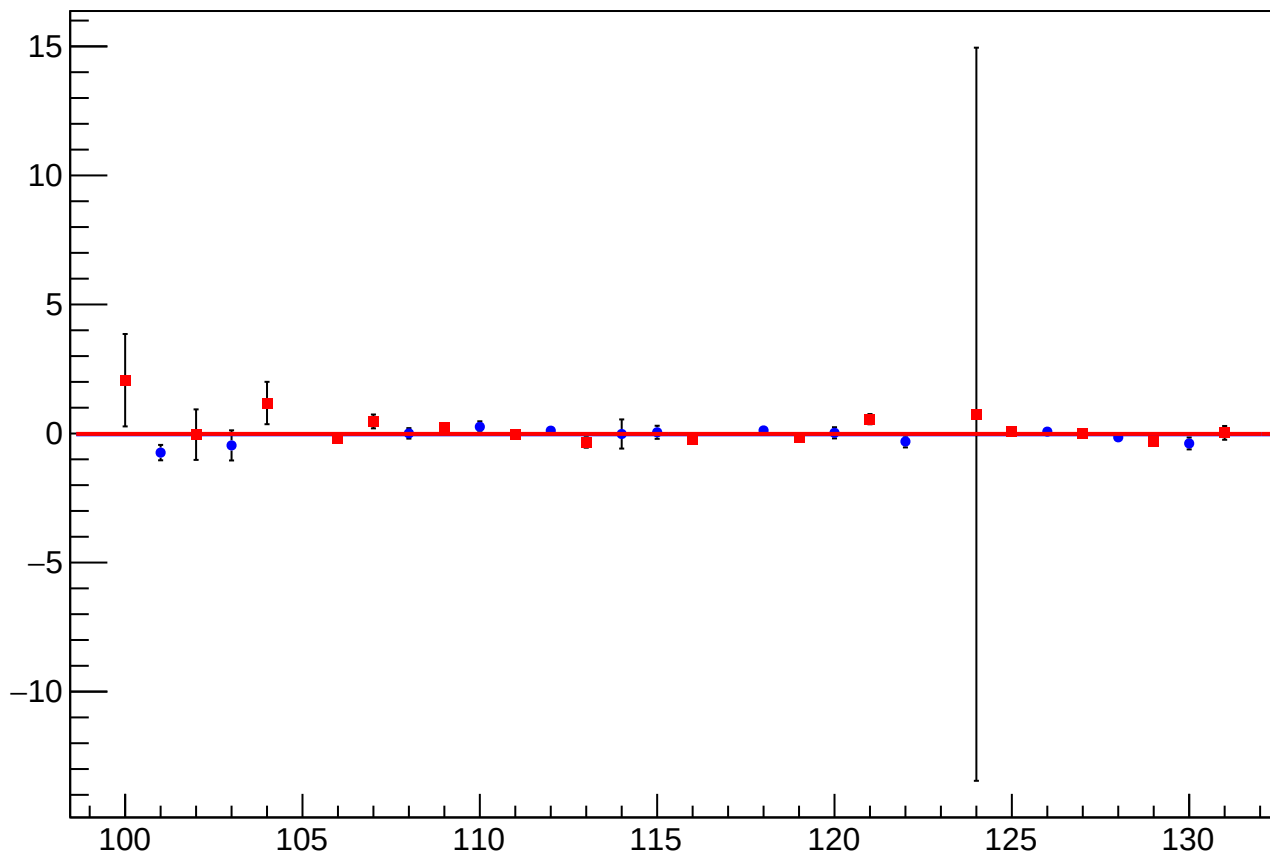
Right: 120.499+/-0.028 χ^2/NDF : 2678941.9/28

In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.499+/-0.028 χ^2/NDF : 2678941.9/28

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.053 $\chi^2/\text{NDF}: 26.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

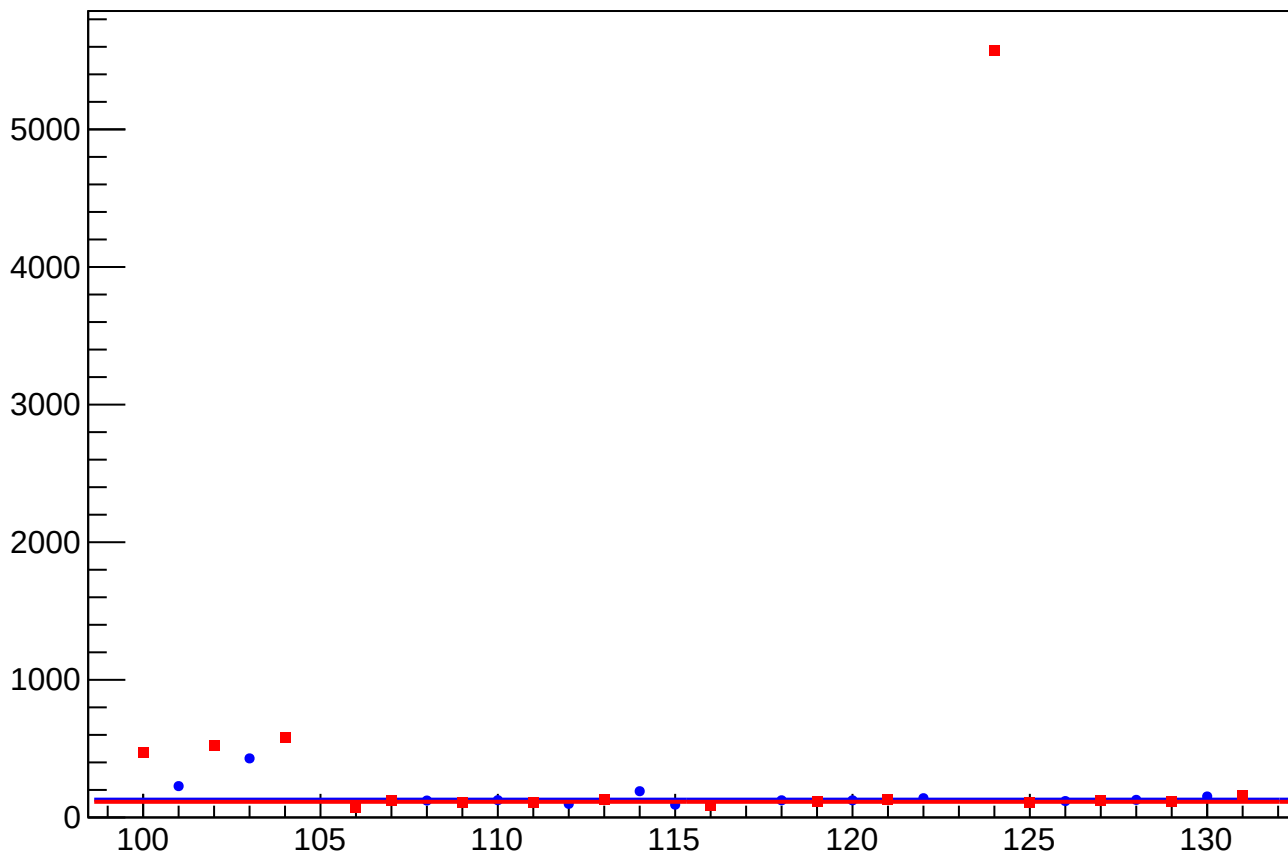
Right: -0.022 ± 0.040 $\chi^2/\text{NDF}: 41.0/28$

In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.022 ± 0.040 $\chi^2/\text{NDF}: 41.0/28$

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1671048.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

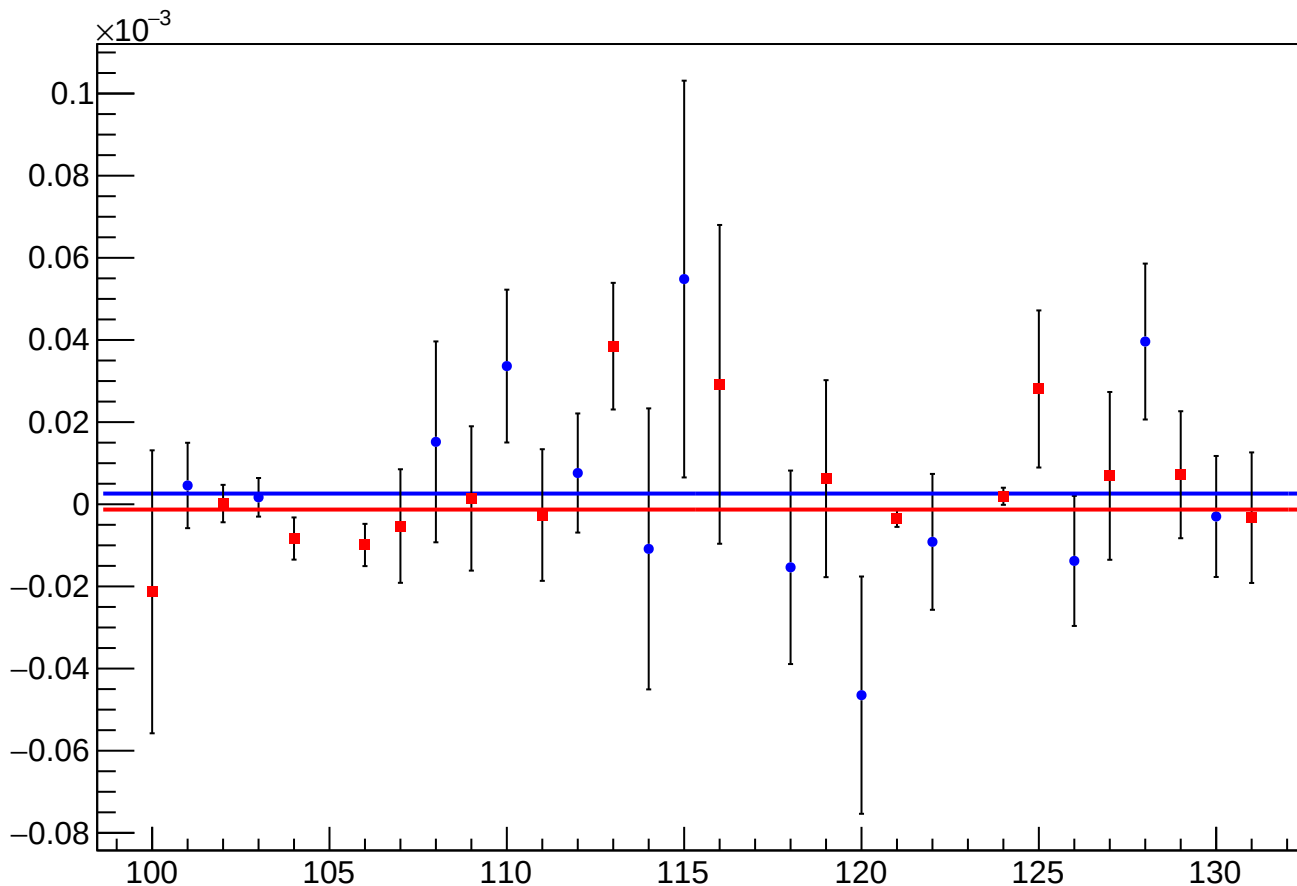
Right: 120.499+/-0.028 χ^2/NDF : 2678941.9/28

In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.499+/-0.028 χ^2/NDF : 2678941.9/28

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

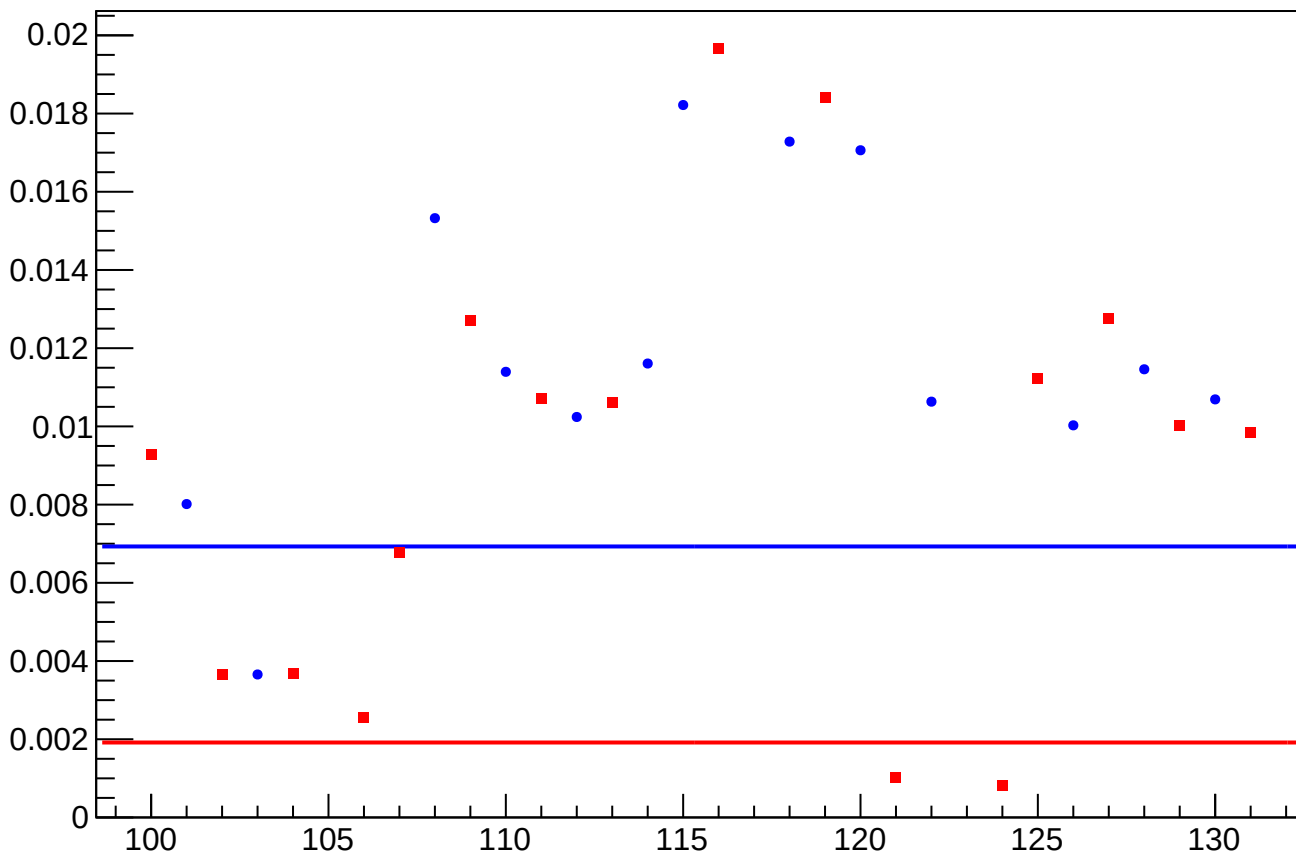
Right: -0.000+/-0.000 χ^2/NDF : 33.7/28

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.7/28

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2647182.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7293250.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

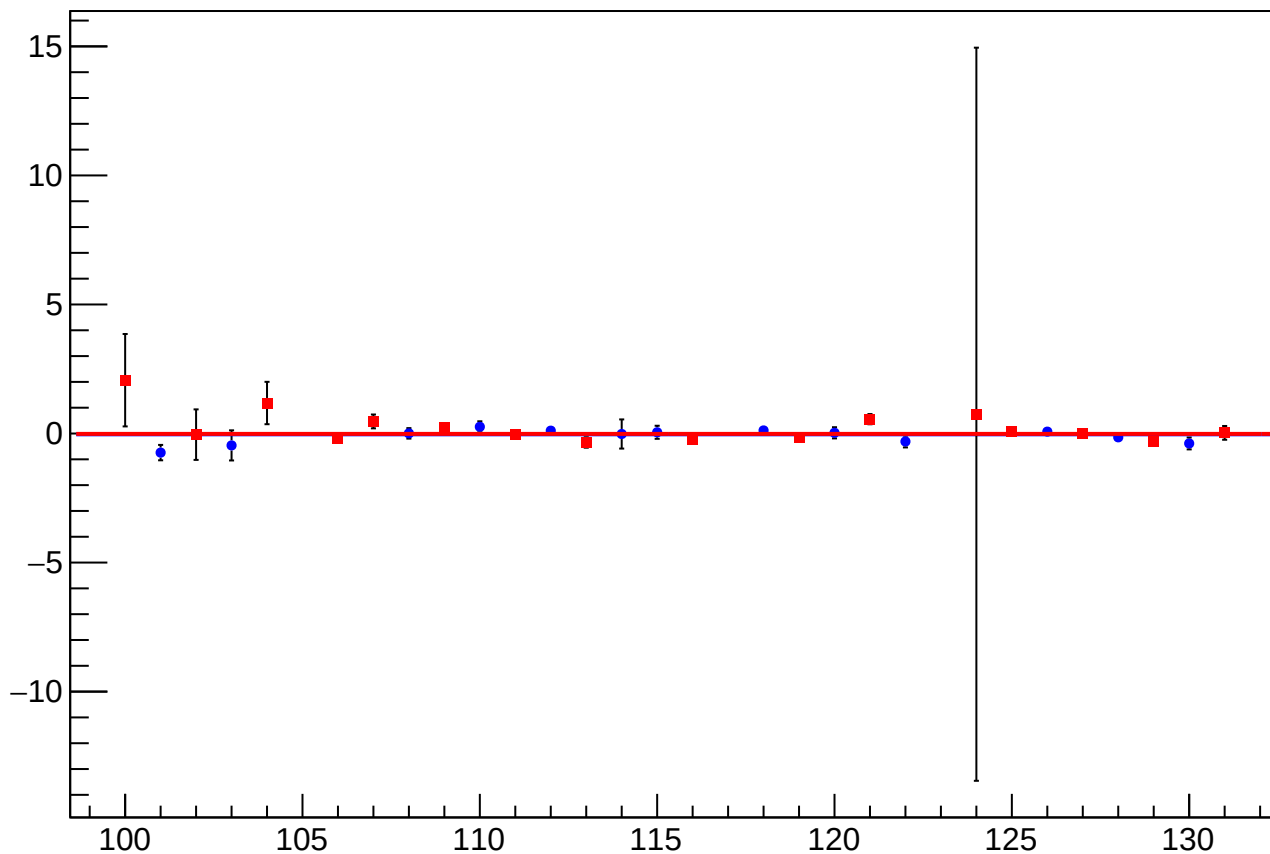
Right: 0.003+/-0.000 χ^2/NDF : 13630197.0/28

In: 0.007+/-0.000 χ^2/NDF :2647182.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13630197.0/28

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.053 χ^2/NDF : 26.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

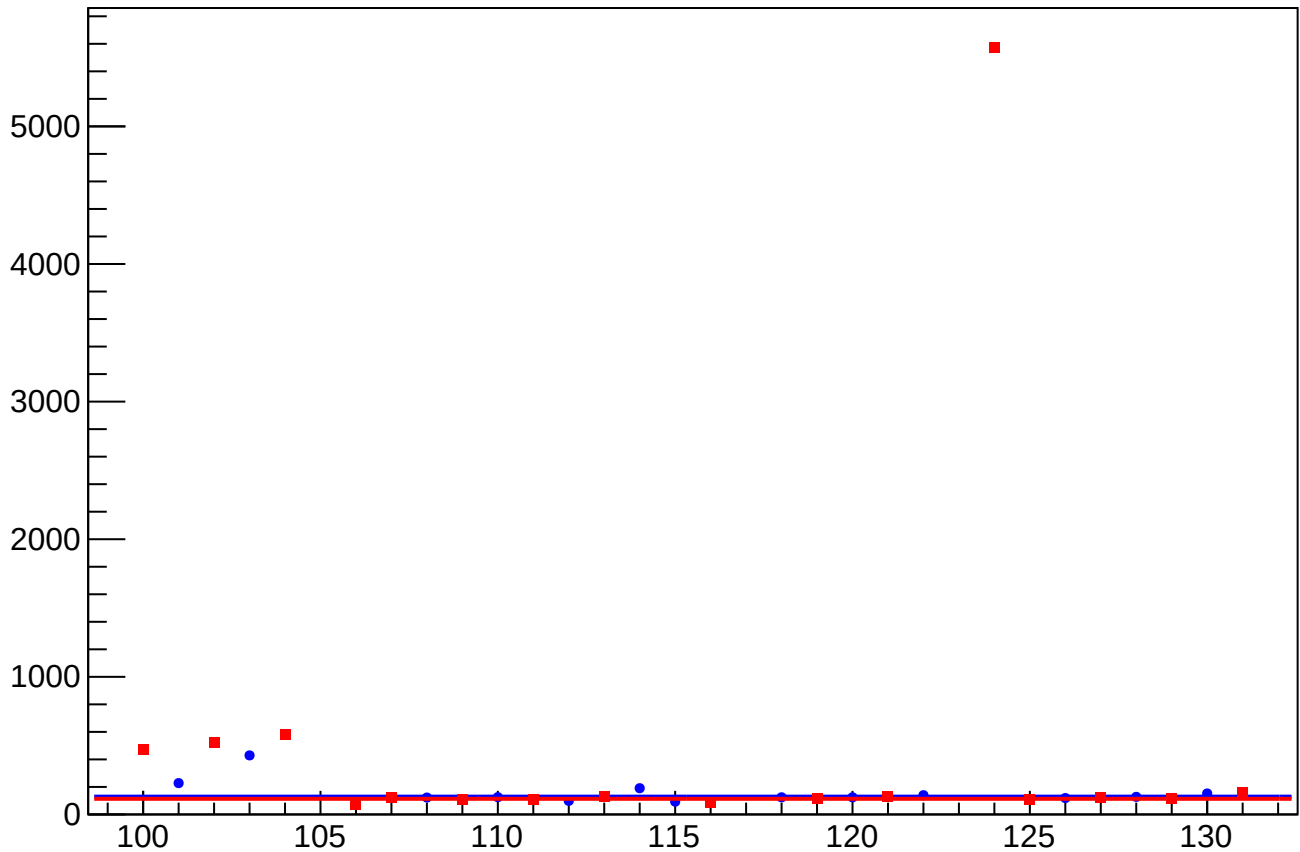
Right: -0.021 ± 0.040 χ^2/NDF : 41.0/28

In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.040 χ^2/NDF : 41.0/28

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1670994.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

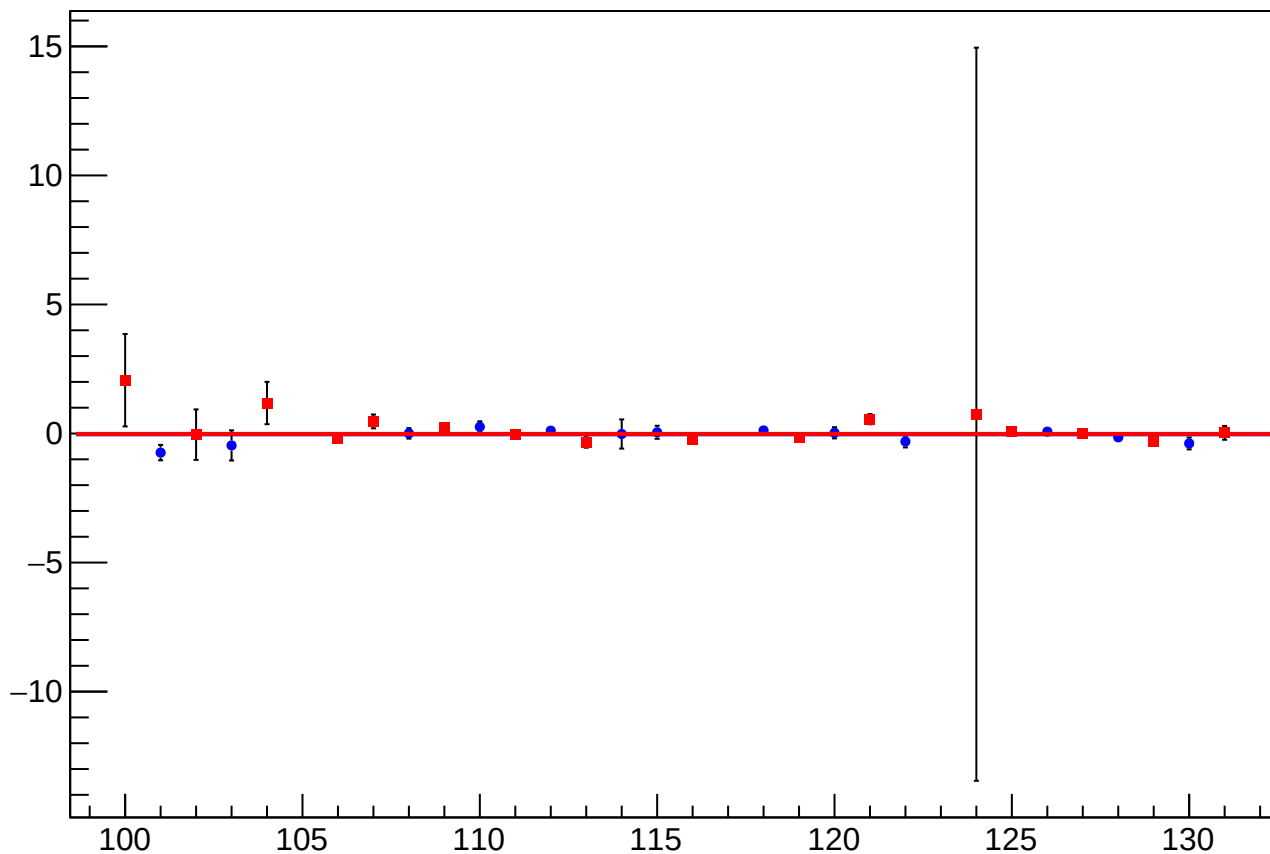
Right: 120.499+/-0.028 χ^2/NDF : 2678836.8/28

In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.499+/-0.028 χ^2/NDF : 2678836.8/28

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.053 χ^2/NDF : 26.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

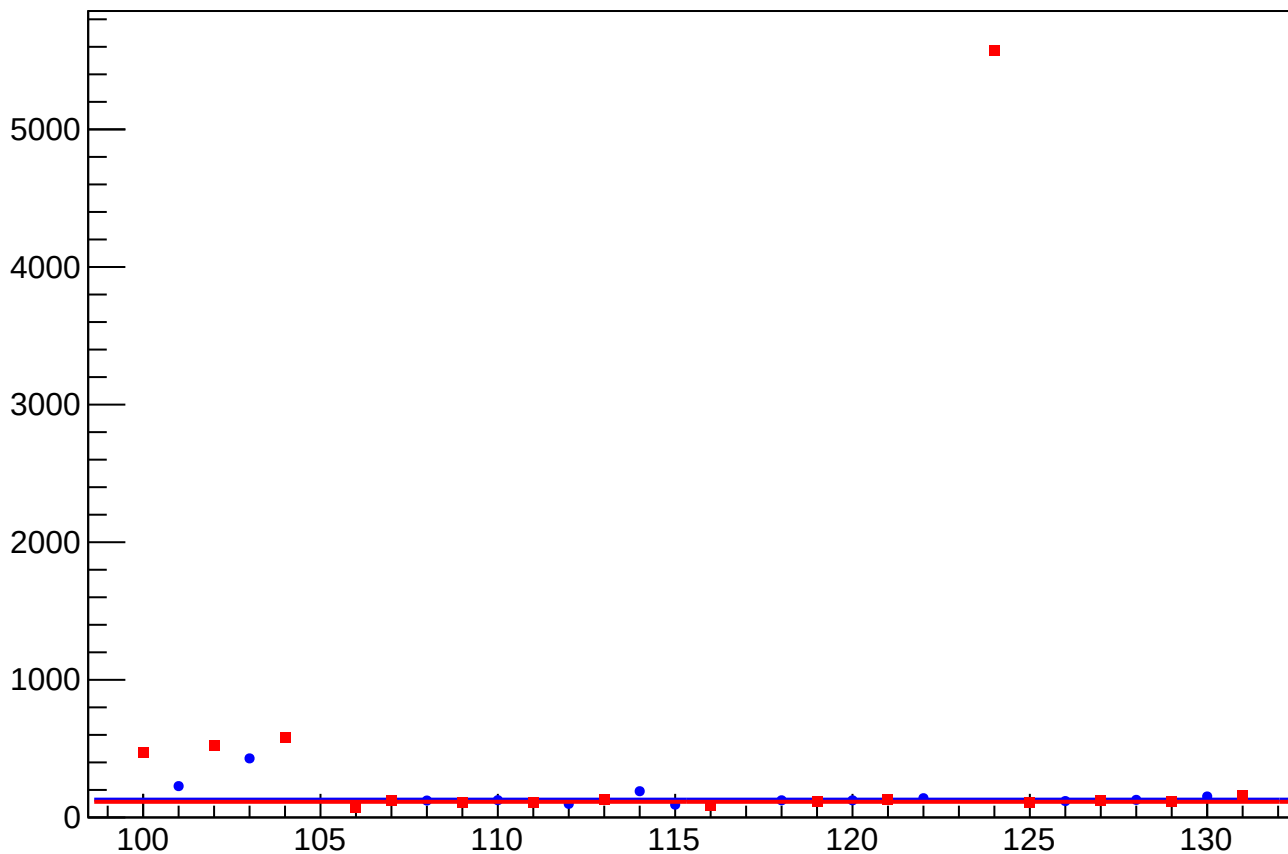
Right: -0.021 ± 0.040 χ^2/NDF : 41.0/28

In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.040 χ^2/NDF : 41.0/28

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1670994.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

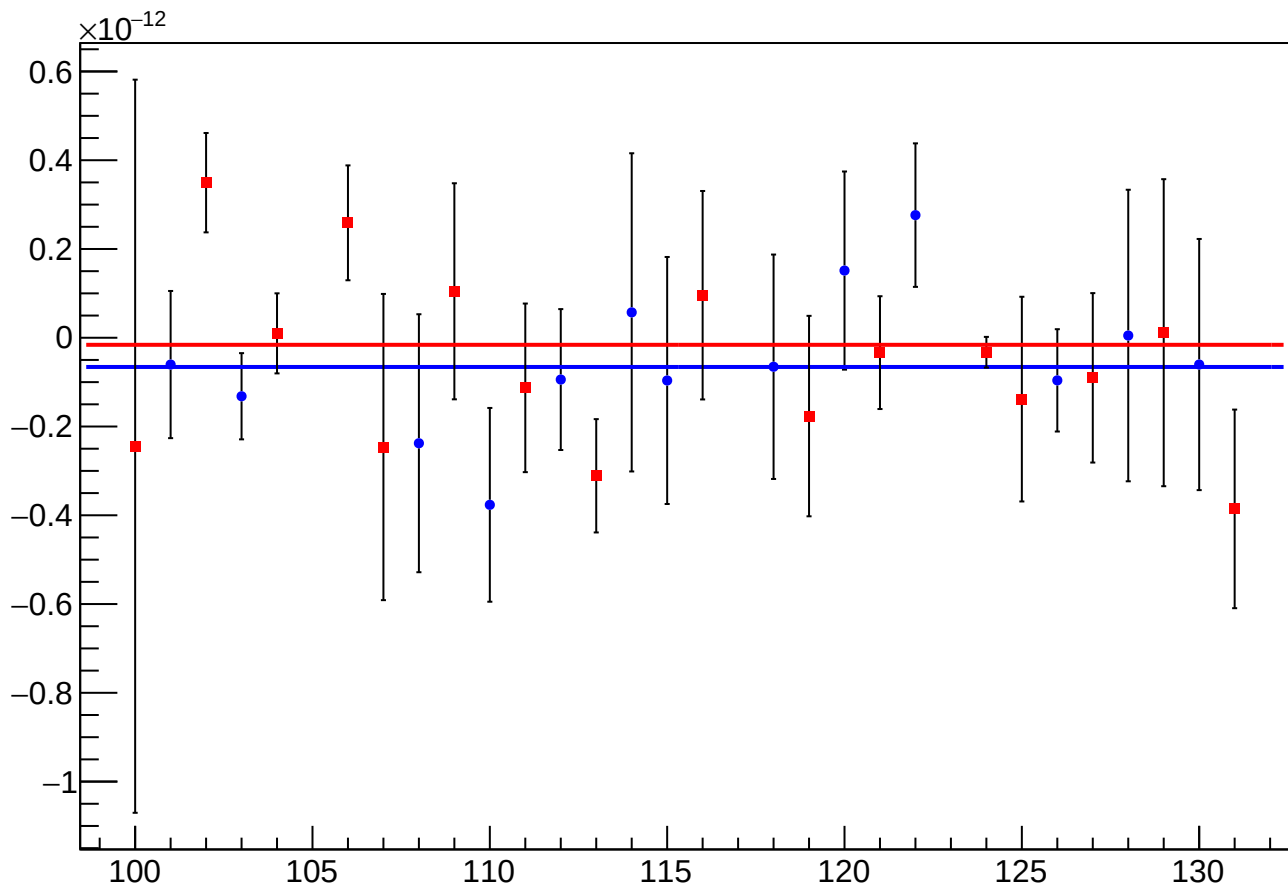
Right: 120.499+/-0.028 χ^2/NDF : 2678836.8/28

In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.499+/-0.028 χ^2/NDF : 2678836.8/28

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

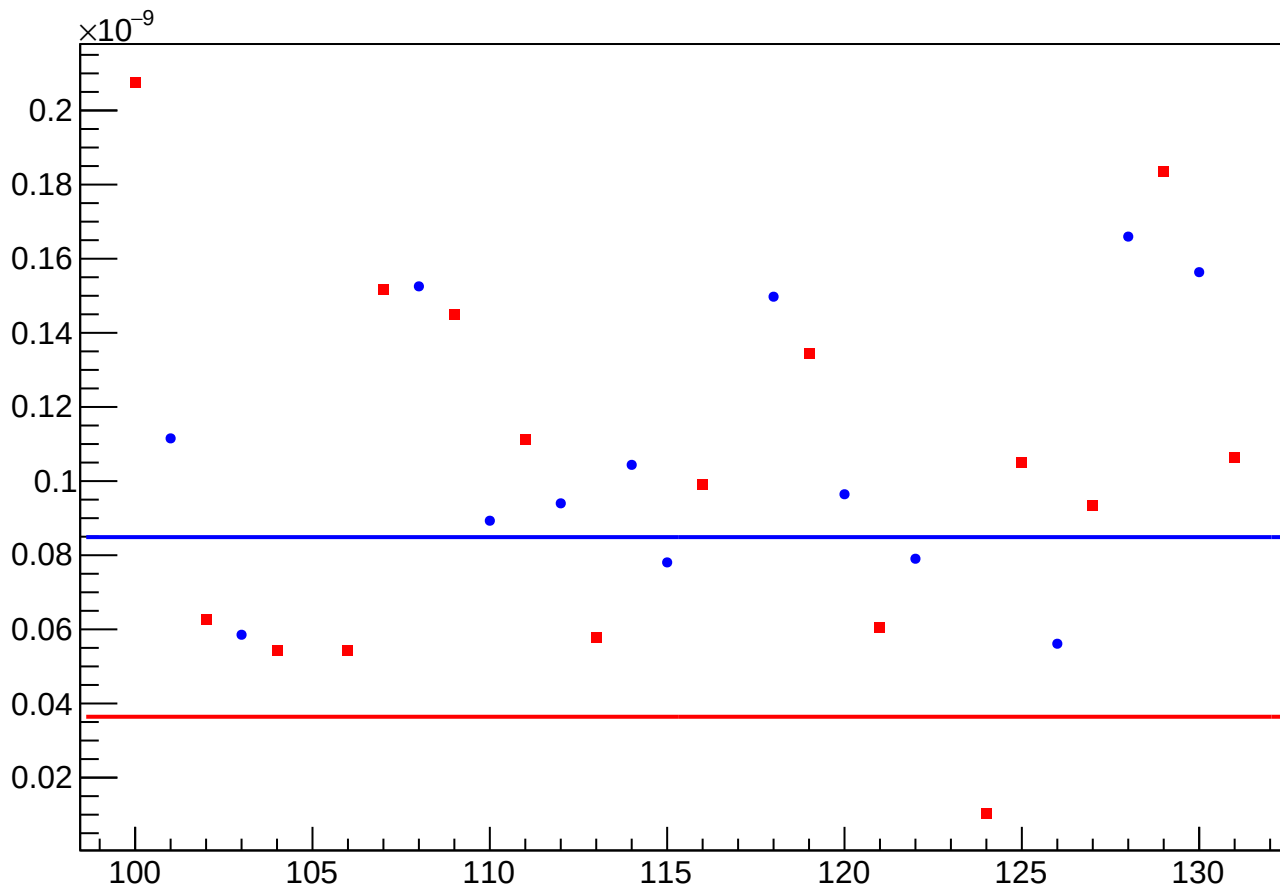
Right: -0.000+/-0.000 χ^2/NDF : 35.1/28

In: -0.000+/-0.000 χ^2/NDF : 8.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.1/28

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 835352.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3951234.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

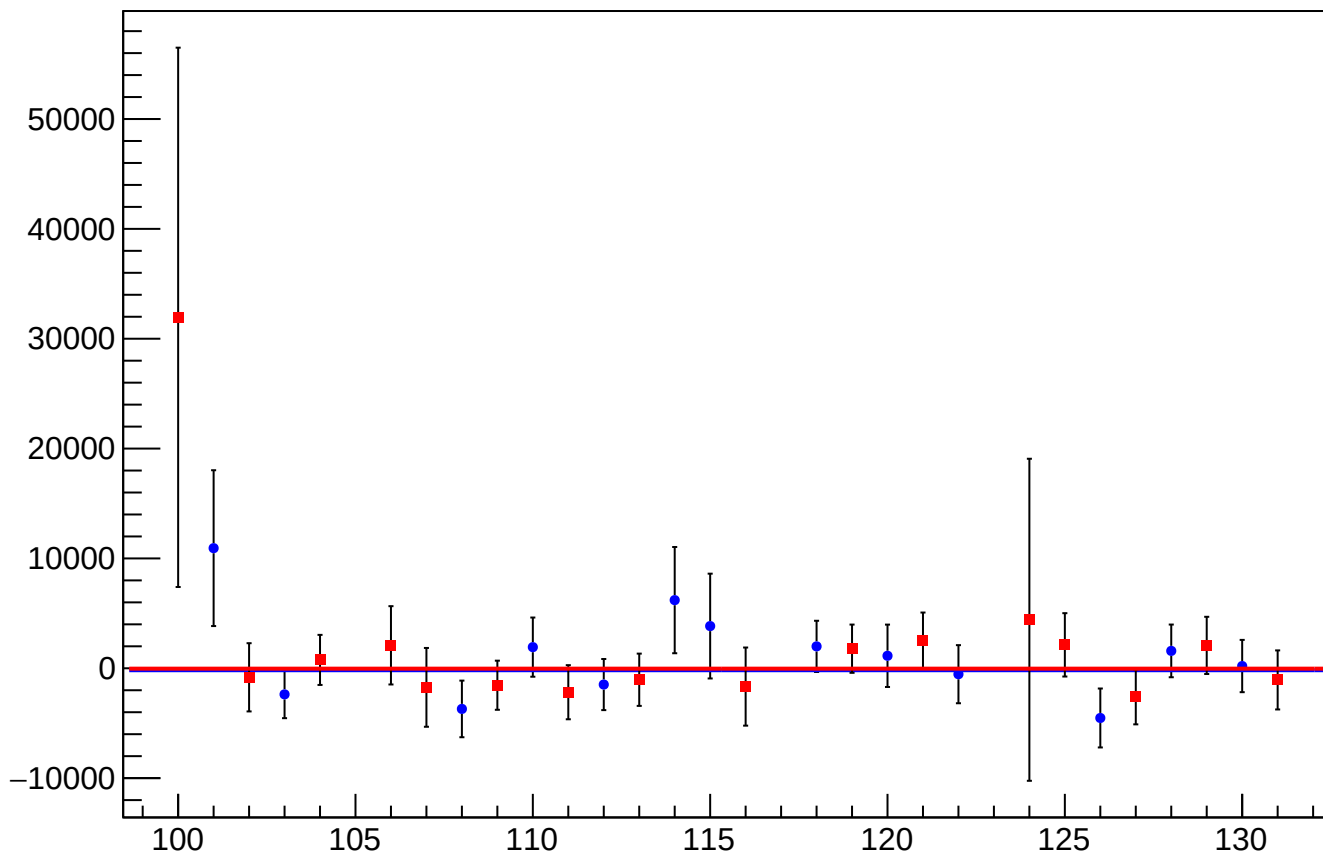
Right: 0.000+/-0.000 χ^2/NDF : 6263824.0/28

In: 0.000+/-0.000 χ^2/NDF :835352.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6263824.0/28

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -176.497+/-759.671 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.796+/-706.108 χ^2/NDF : 8.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

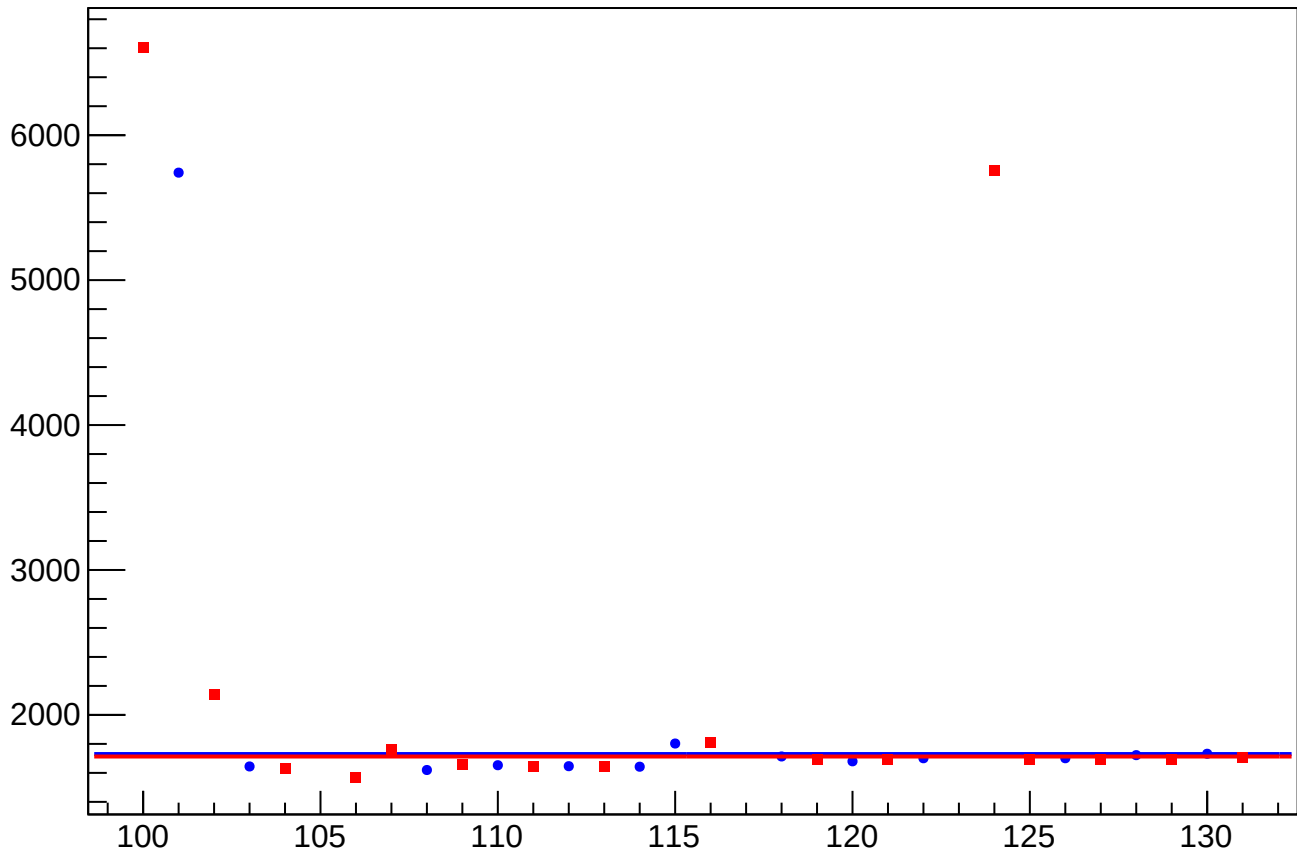
Right: -100.476+/-517.194 χ^2/NDF : 21.3/28

In: -176.497+/-759.671 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.476+/-517.194 χ^2/NDF : 21.3/28

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.925+/-0.537 χ^2/NDF : 653109.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.955+/-0.495 χ^2/NDF : 284061.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

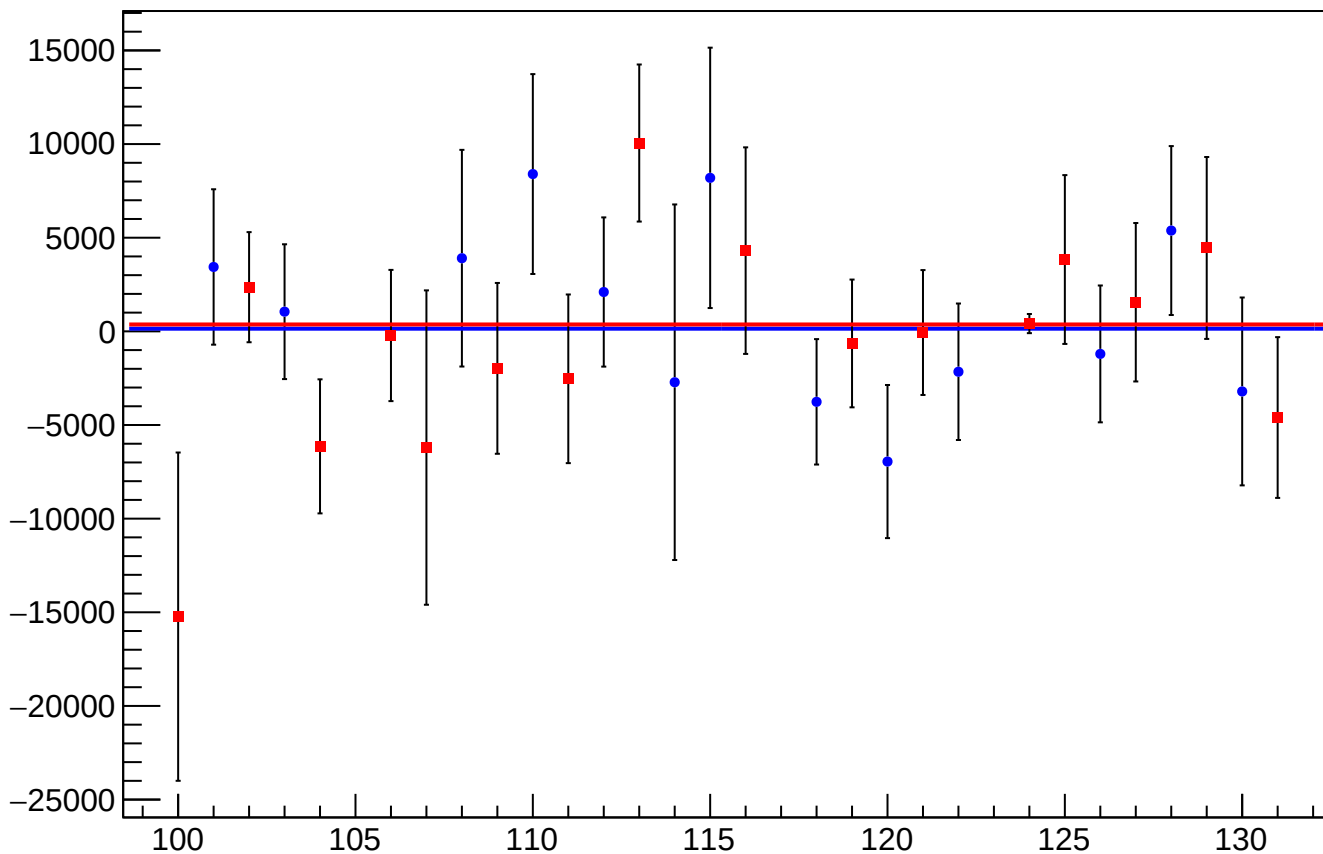
Right: 1720.749+/-0.364 χ^2/NDF : 937710.8/28

In: 1729.925+/-0.537 χ^2/NDF : 653109.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.749+/-0.364 χ^2/NDF : 937710.8/28

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 142.296+/-1209.722 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.623+/-461.802 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

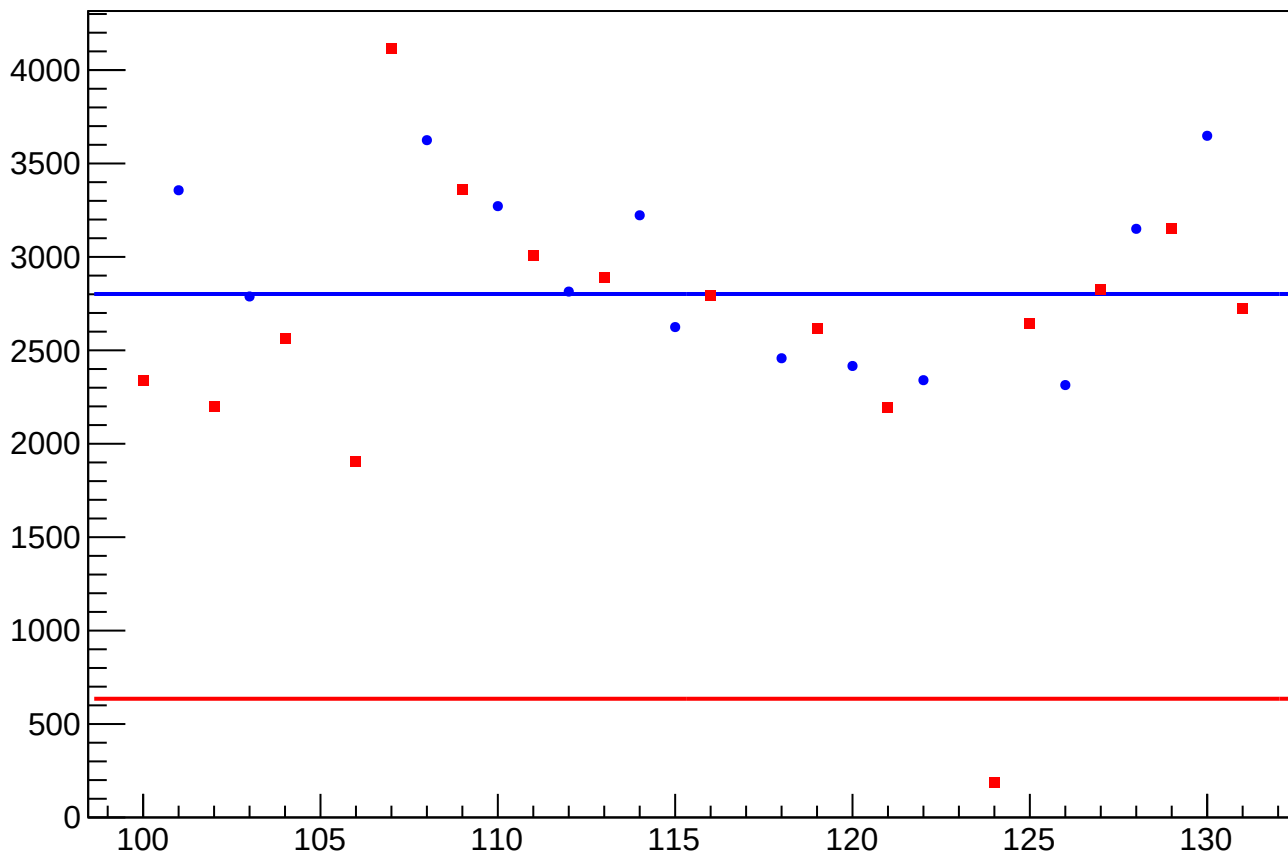
Right: 338.963+/-431.435 χ^2/NDF : 28.9/28

In: 142.296+/-1209.722 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.963+/-431.435 χ^2/NDF : 28.9/28

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2801.539+/-0.855 χ^2/NDF : 272599.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.282+/-0.327 χ^2/NDF : 8560582.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

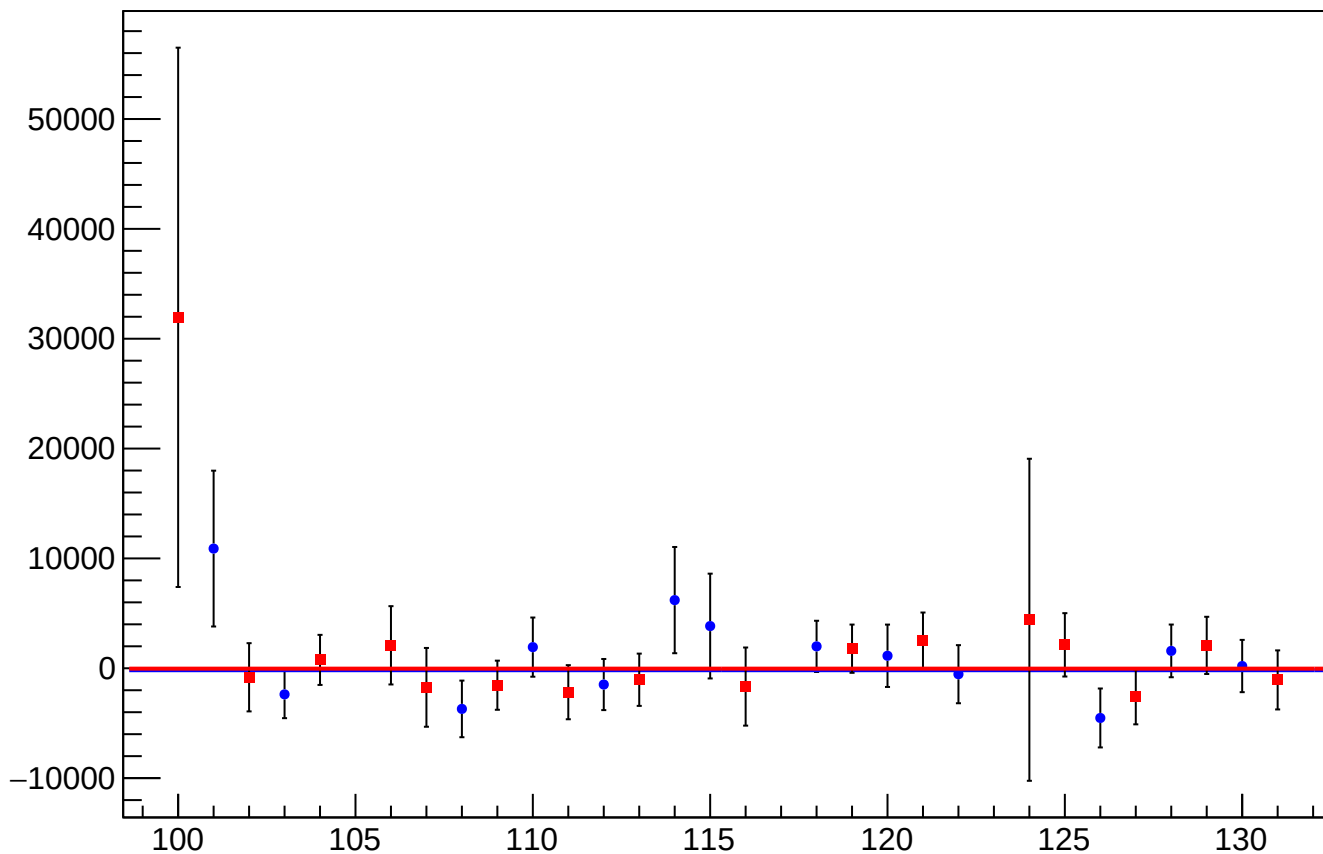
Right: 910.812+/-0.305 χ^2/NDF : 14430721.7/28

In: 2801.539+/-0.855 χ^2/NDF : 272599.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 910.812+/-0.305 χ^2/NDF : 14430721.7/28

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -177.095+/-759.672 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.663+/-706.108 χ^2/NDF : 8.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

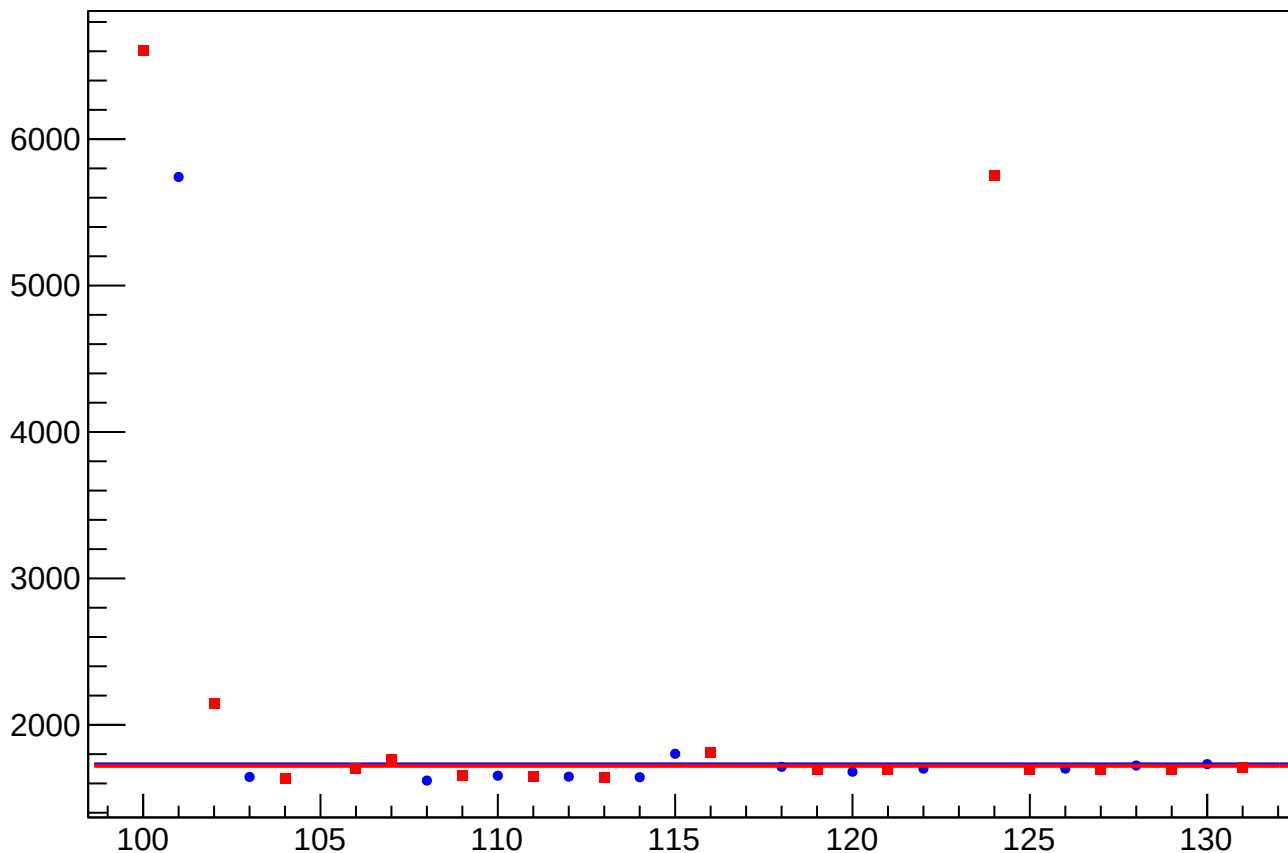
Right: -100.681+/-517.194 χ^2/NDF : 21.3/28

In: -177.095+/-759.672 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.681+/-517.194 χ^2/NDF : 21.3/28

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.505+/-0.497 χ^2/NDF : 279109.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

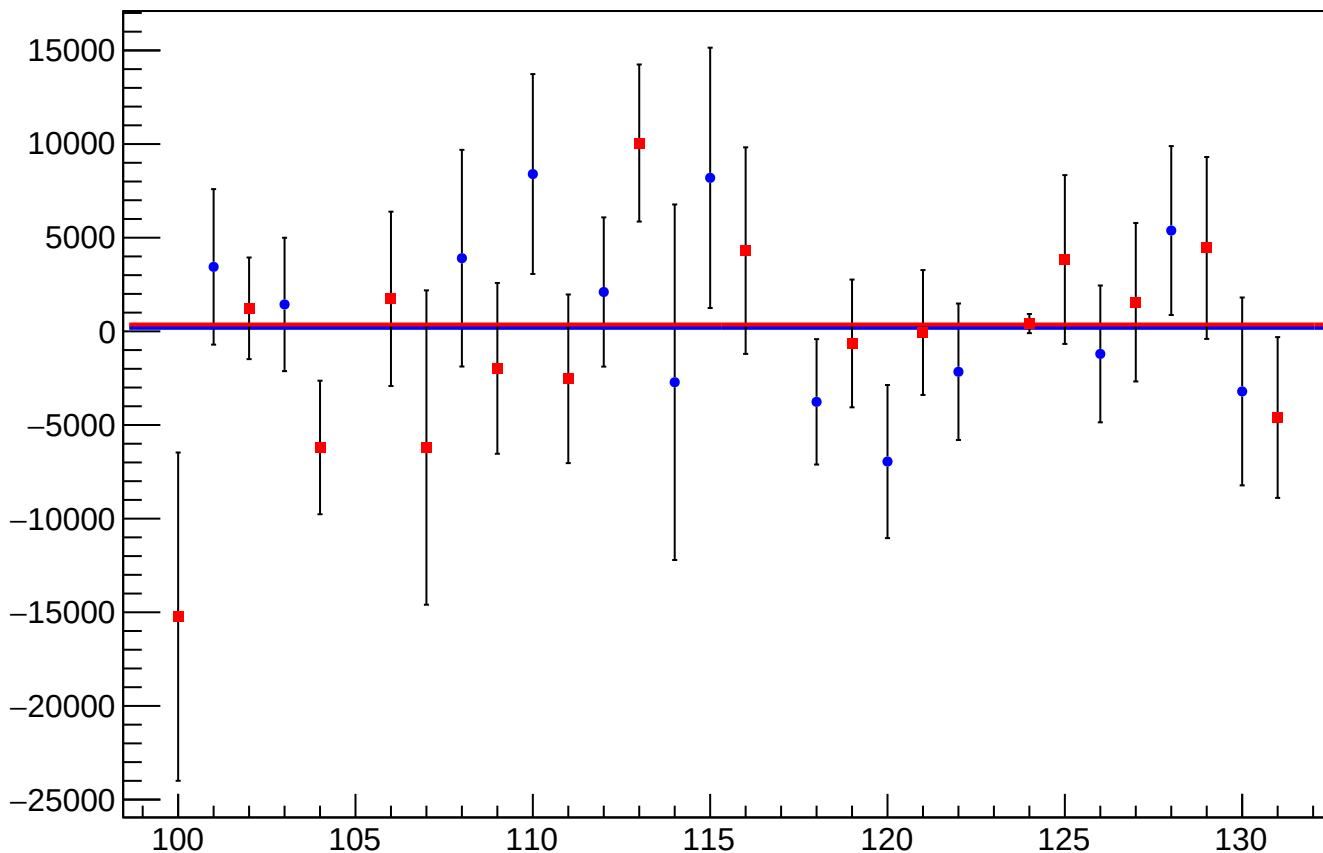
Right: 1724.851+/-0.365 χ^2/NDF : 932384.7/28

In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.851+/-0.365 χ^2/NDF : 932384.7/28

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.846 $\pm$ 1208.346 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 365.359 $\pm$ 462.740 χ^2 /NDF: 16.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

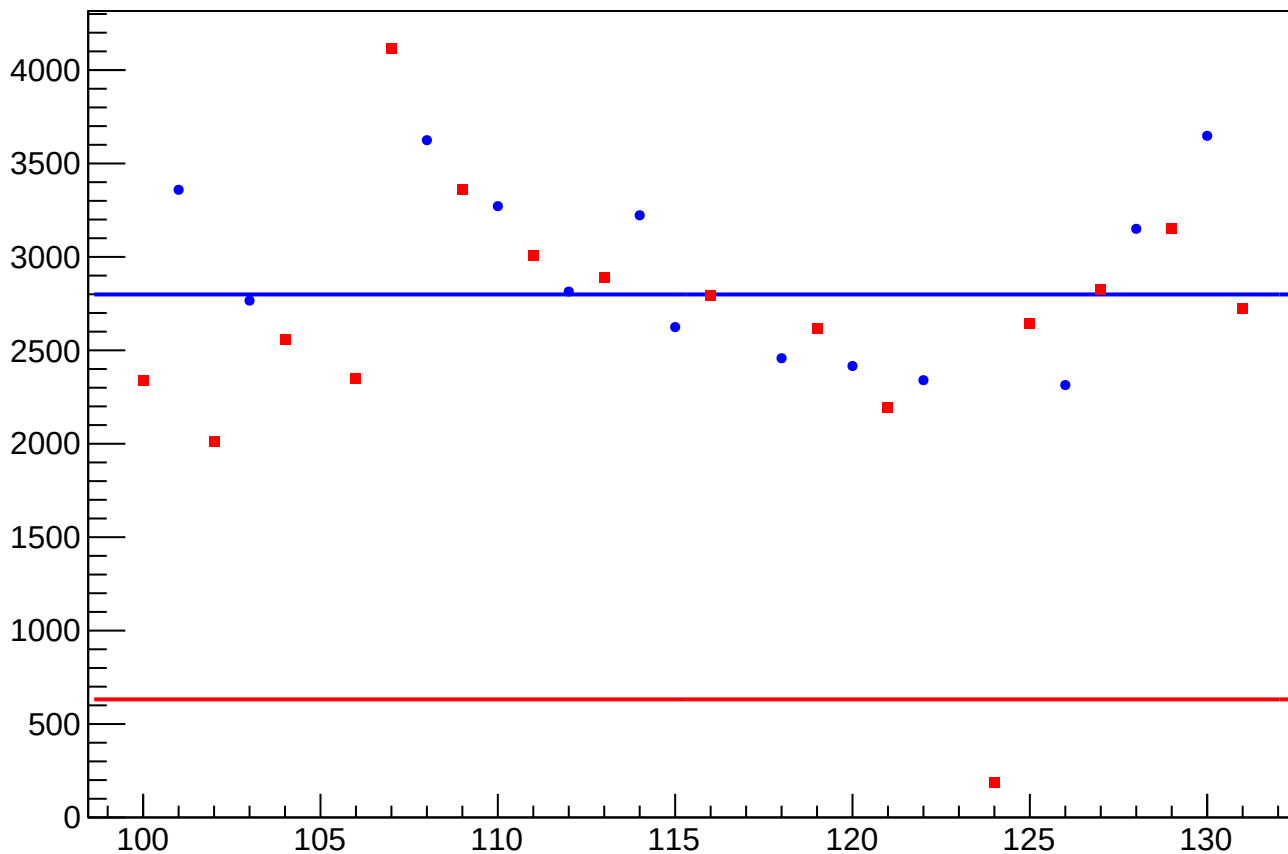
Right: 342.783 $\pm$ 432.136 χ^2 /NDF: 28.7/28

In: 188.846 $\pm$ 1208.346 χ^2 /NDF:12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 342.783 $\pm$ 432.136 χ^2 /NDF: 28.7/28

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 631.952+/-0.327 χ^2/NDF : 8514258.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

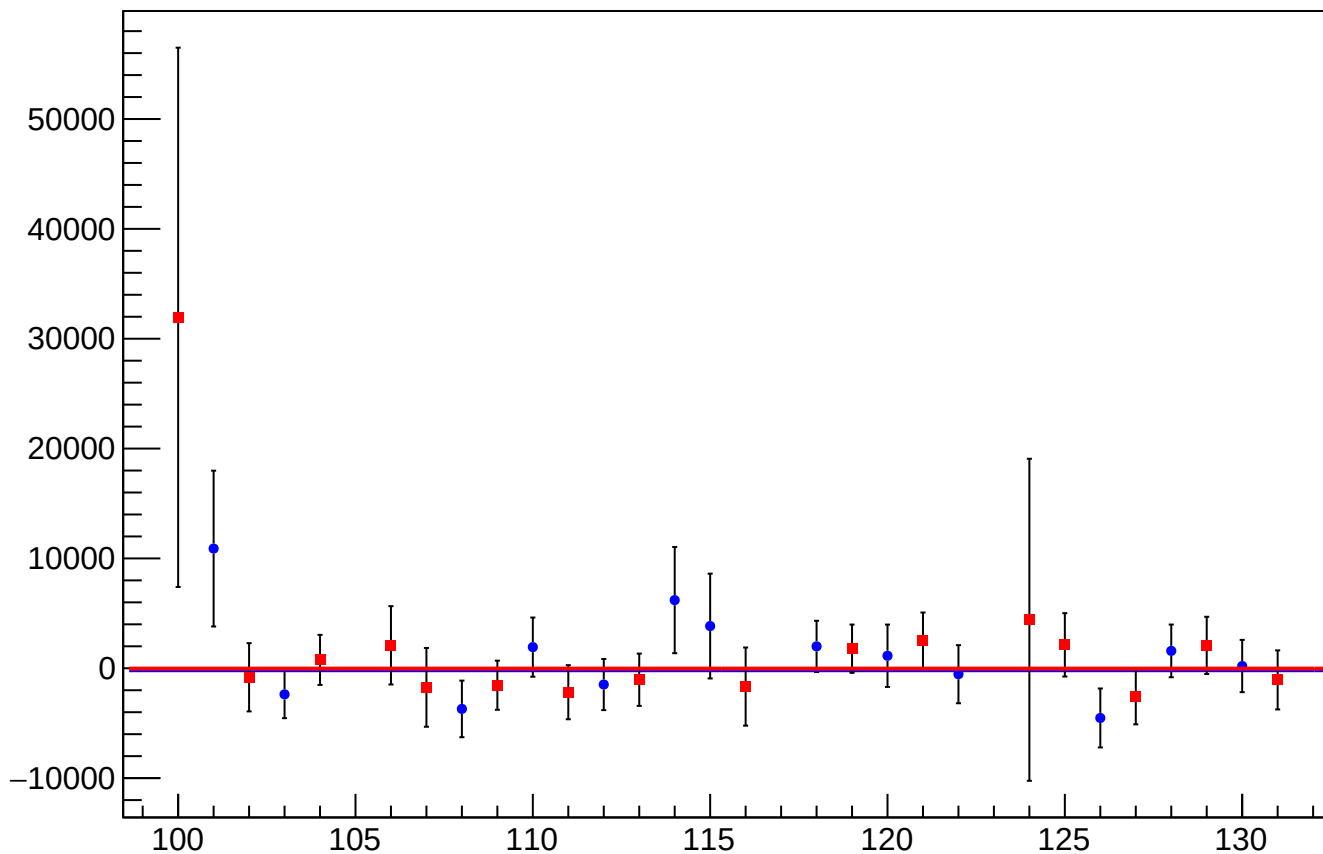
Right: 909.125+/-0.306 χ^2/NDF : 14397770.6/28

In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.125+/-0.306 χ^2/NDF : 14397770.6/28

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -177.095+/-759.672 χ^2 /NDF: 13.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -34.663+/-706.108 χ^2 /NDF: 8.3/15

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

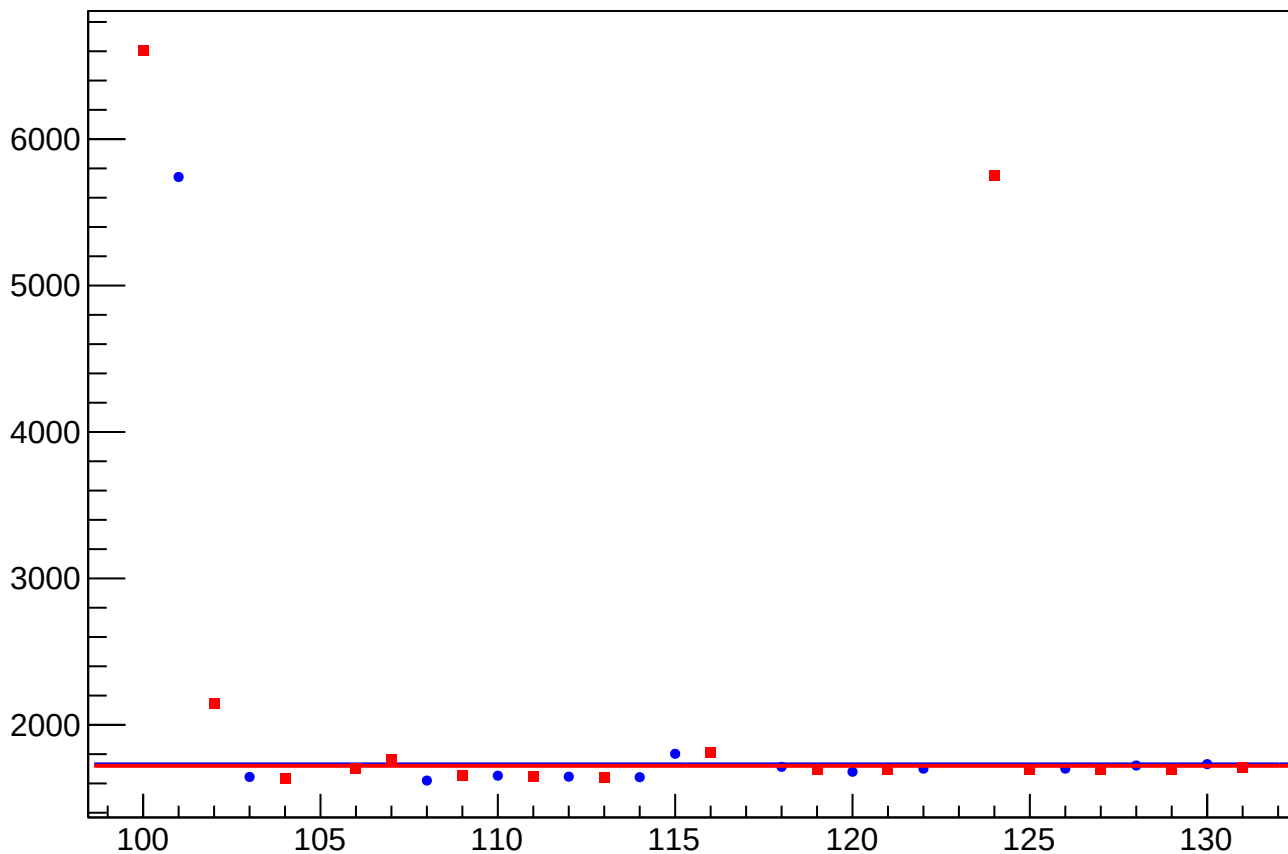
Right: -100.681+/-517.194 χ^2 /NDF: 21.3/28

In: -177.095+/-759.672 χ^2 /NDF: 13.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -100.681+/-517.194 χ^2 /NDF: 21.3/28

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.505+/-0.497 χ^2/NDF : 279109.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

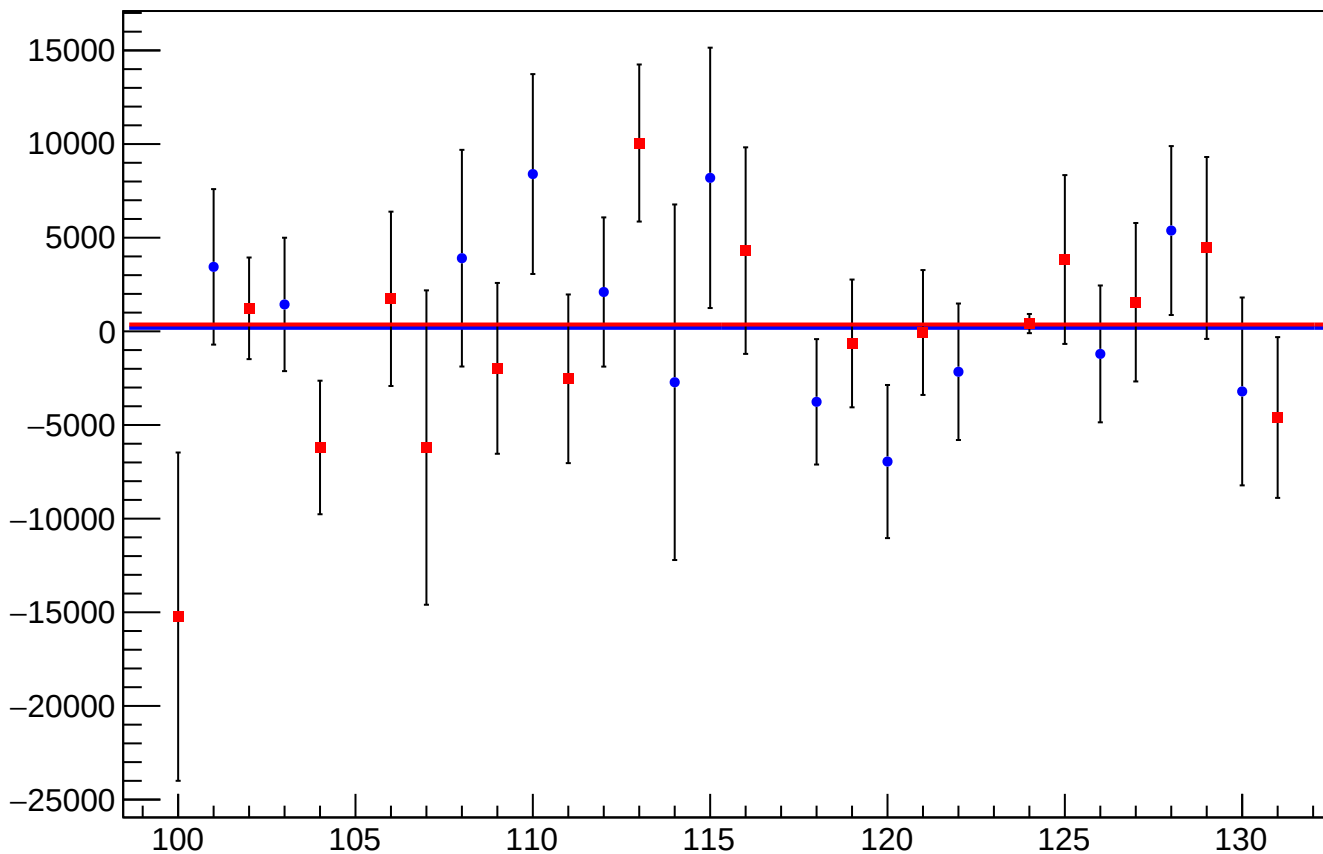
Right: 1724.851+/-0.365 χ^2/NDF : 932384.7/28

In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.851+/-0.365 χ^2/NDF : 932384.7/28

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.846 $\pm$ 1208.346 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 365.359 $\pm$ 462.740 χ^2 /NDF: 16.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

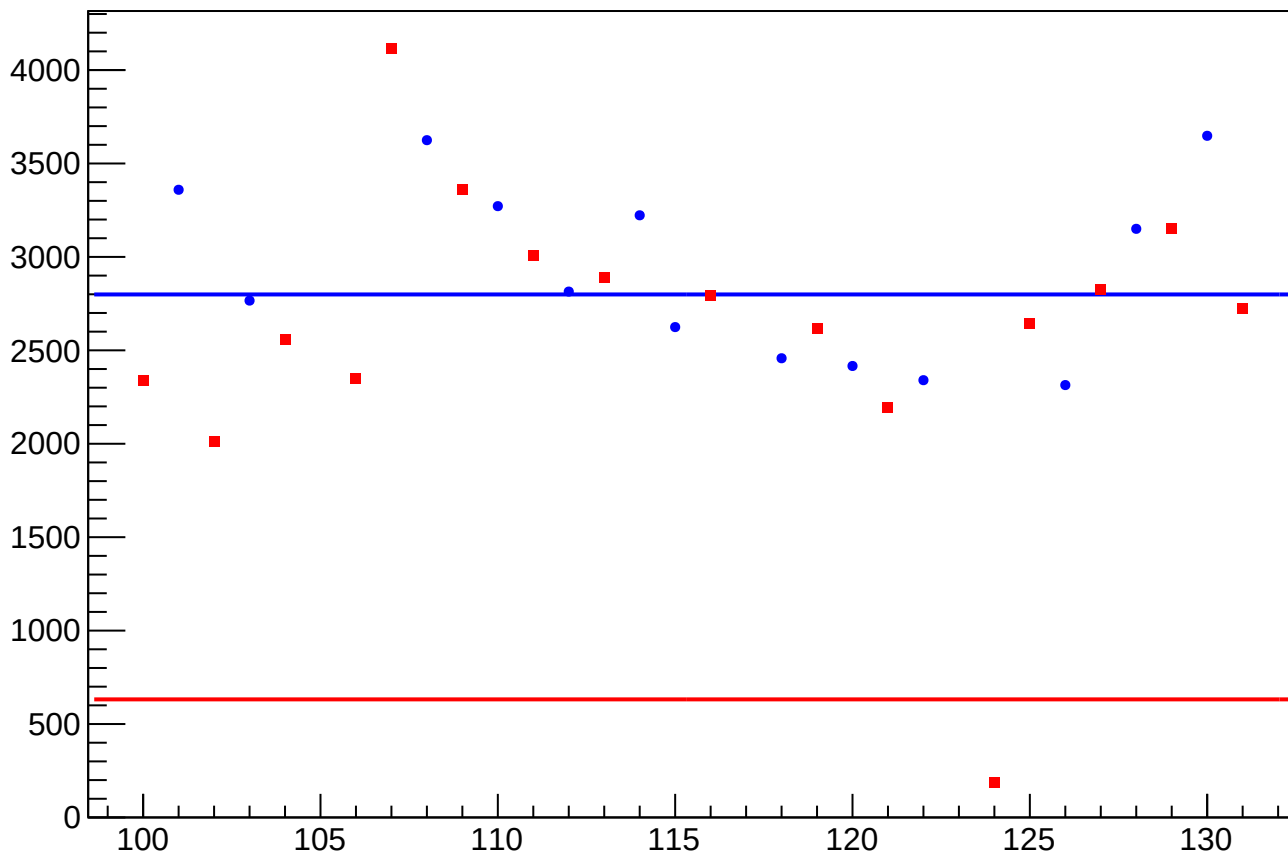
Right: 342.783 $\pm$ 432.136 χ^2 /NDF: 28.7/28

In: 188.846 $\pm$ 1208.346 χ^2 /NDF:12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 342.783 $\pm$ 432.136 χ^2 /NDF: 28.7/28

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 631.952+/-0.327 χ^2/NDF : 8514258.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

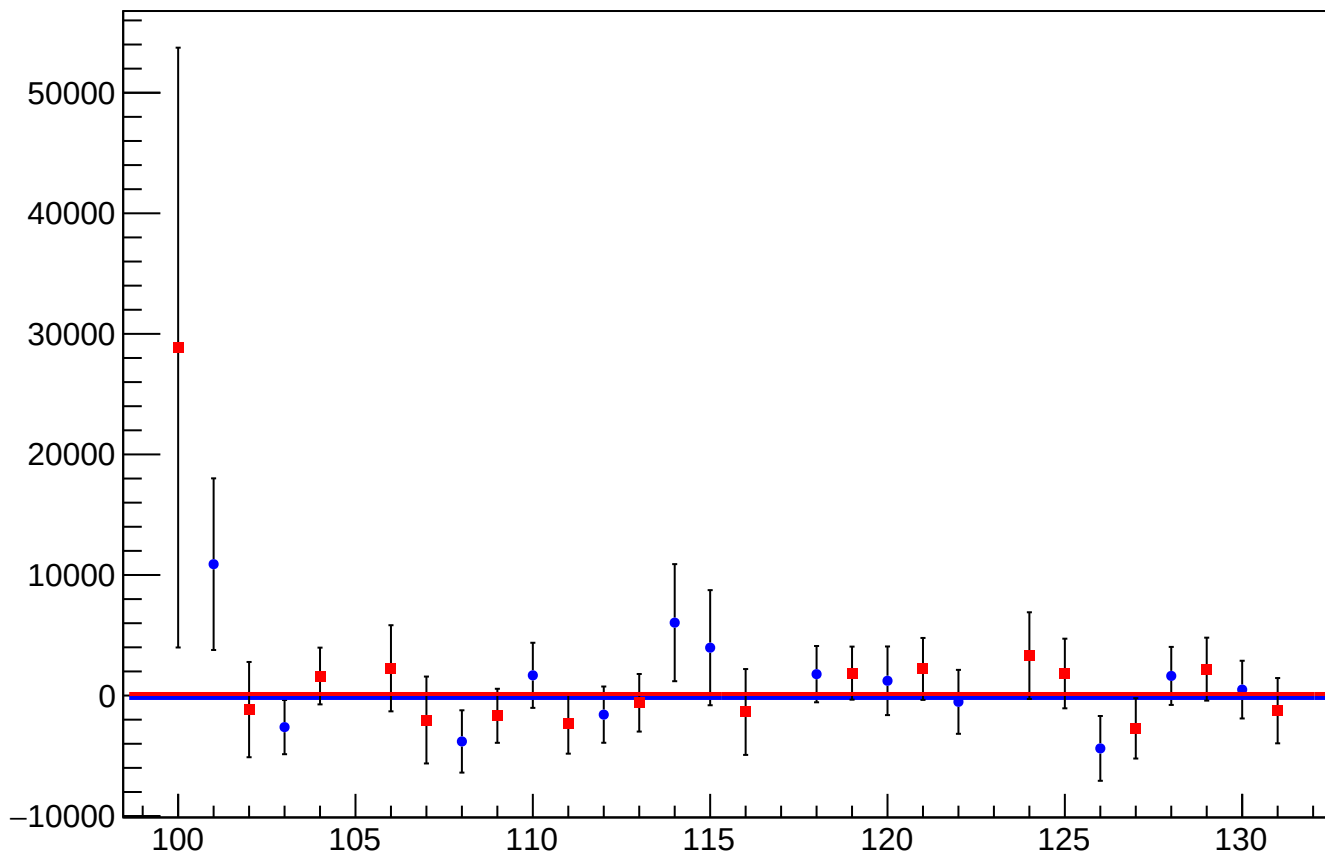
Right: 909.125+/-0.306 χ^2/NDF : 14397770.6/28

In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.125+/-0.306 χ^2/NDF : 14397770.6/28

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -199.669+/-764.886 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.692+/-704.114 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

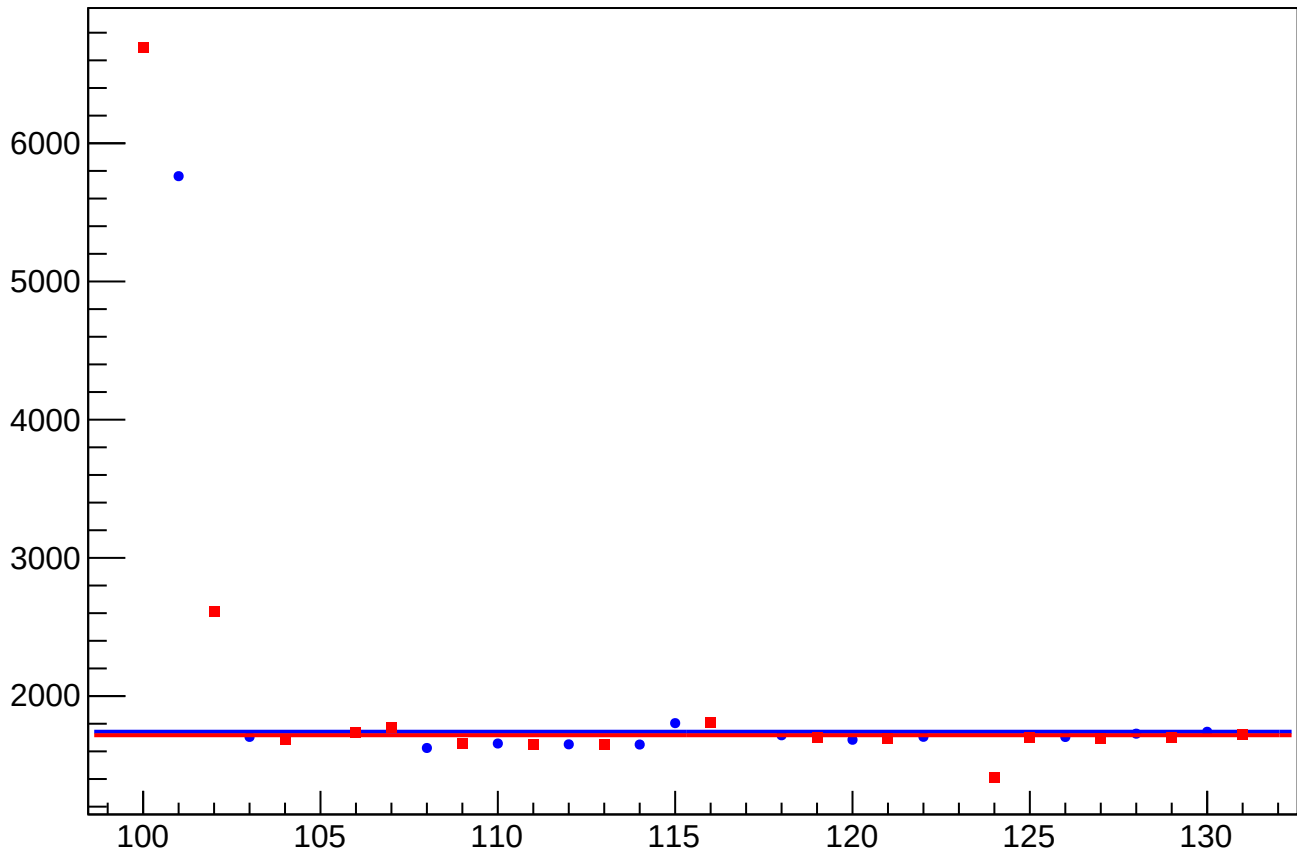
Right: -21.386+/-518.038 χ^2/NDF : 22.0/28

In: -199.669+/-764.886 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.386+/-518.038 χ^2/NDF : 22.0/28

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.048+/-0.541 χ^2/NDF : 650536.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.758+/-0.496 χ^2/NDF : 204872.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

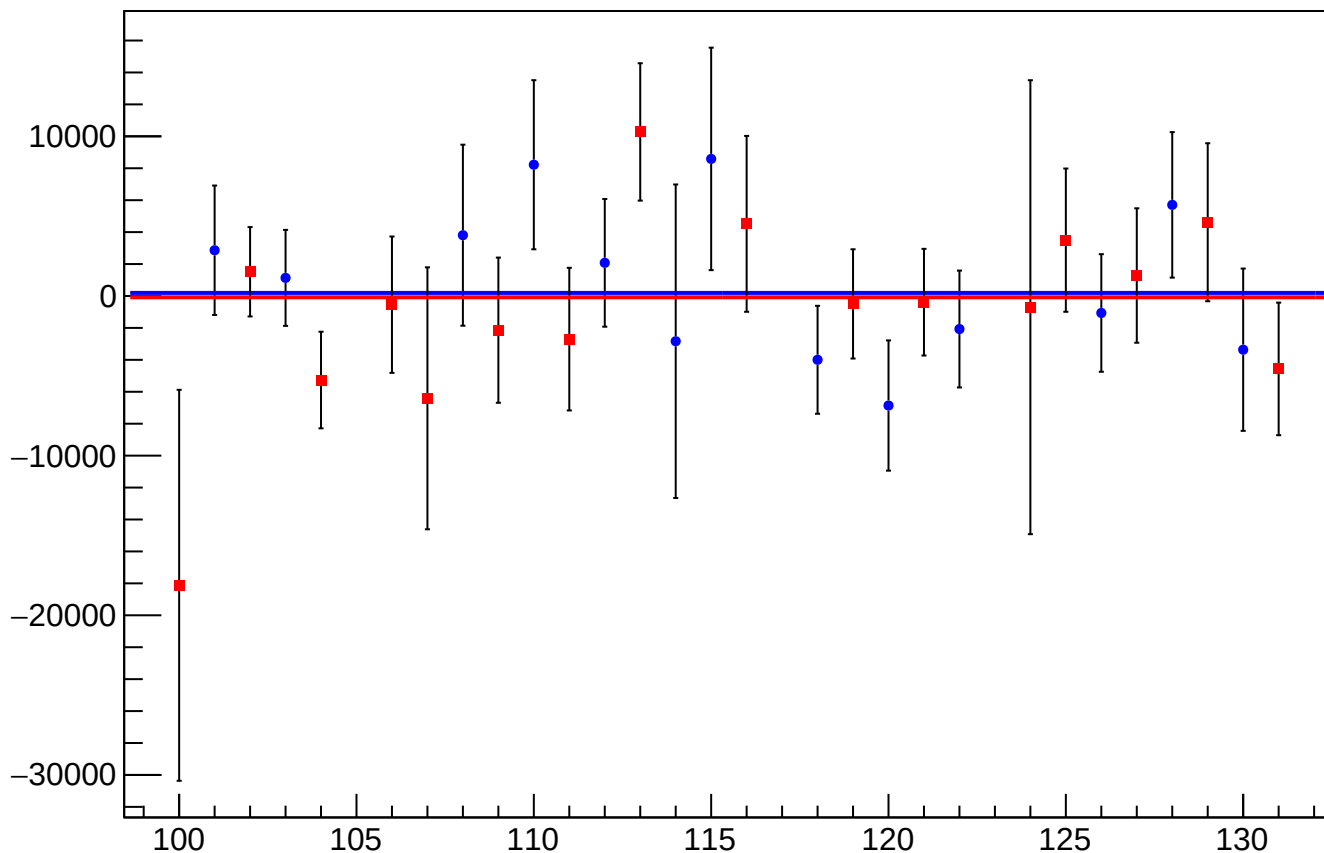
Right: 1728.317+/-0.366 χ^2/NDF : 856596.3/28

In: 1742.048+/-0.541 χ^2/NDF : 650536.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.317+/-0.366 χ^2/NDF : 856596.3/28

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.089+/-1182.928 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.013+/-1063.786 χ^2/NDF : 15.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

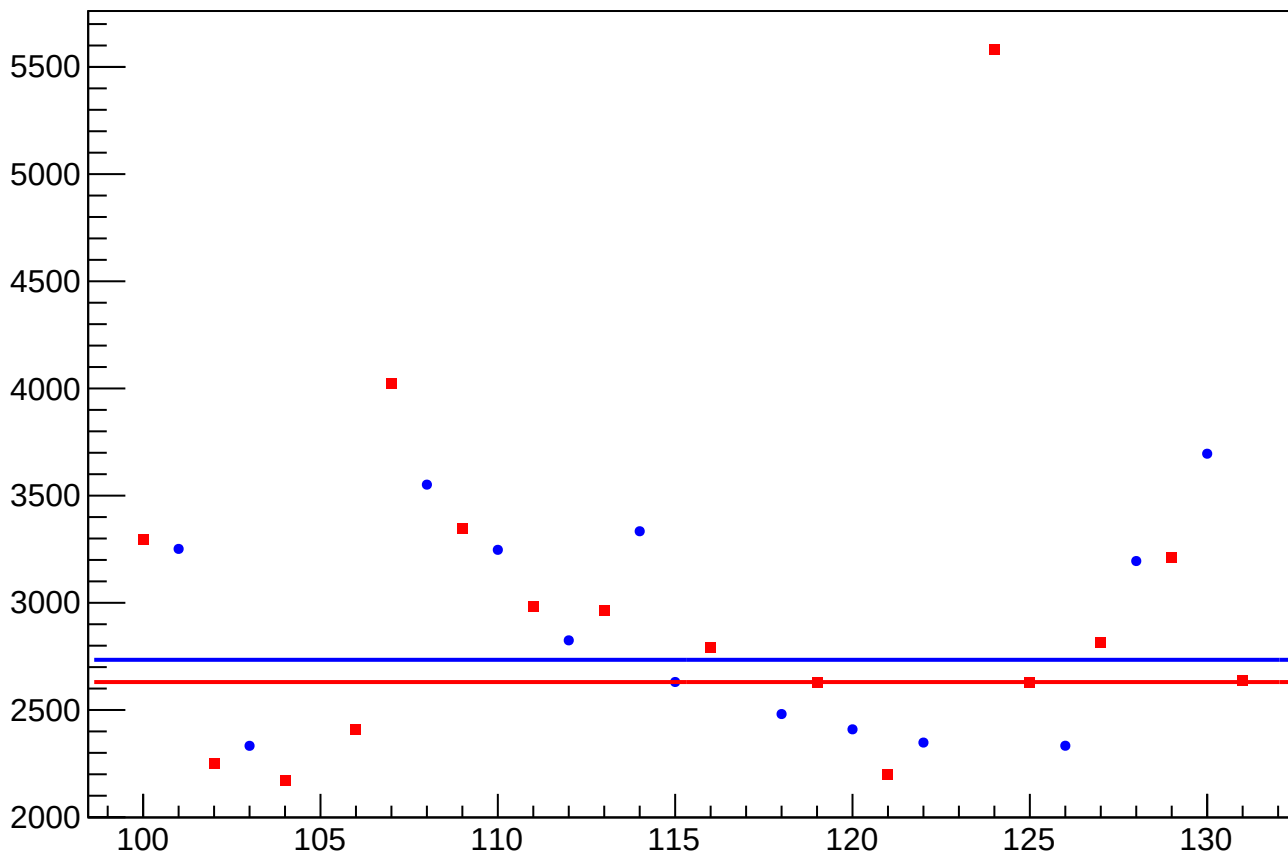
Right: 40.438+/-790.988 χ^2/NDF : 27.9/28

In: 193.089+/-1182.928 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.438+/-790.988 χ^2/NDF : 27.9/28

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2734.066+/-0.836 χ^2/NDF : 299336.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2630.297+/-0.752 χ^2/NDF : 378728.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

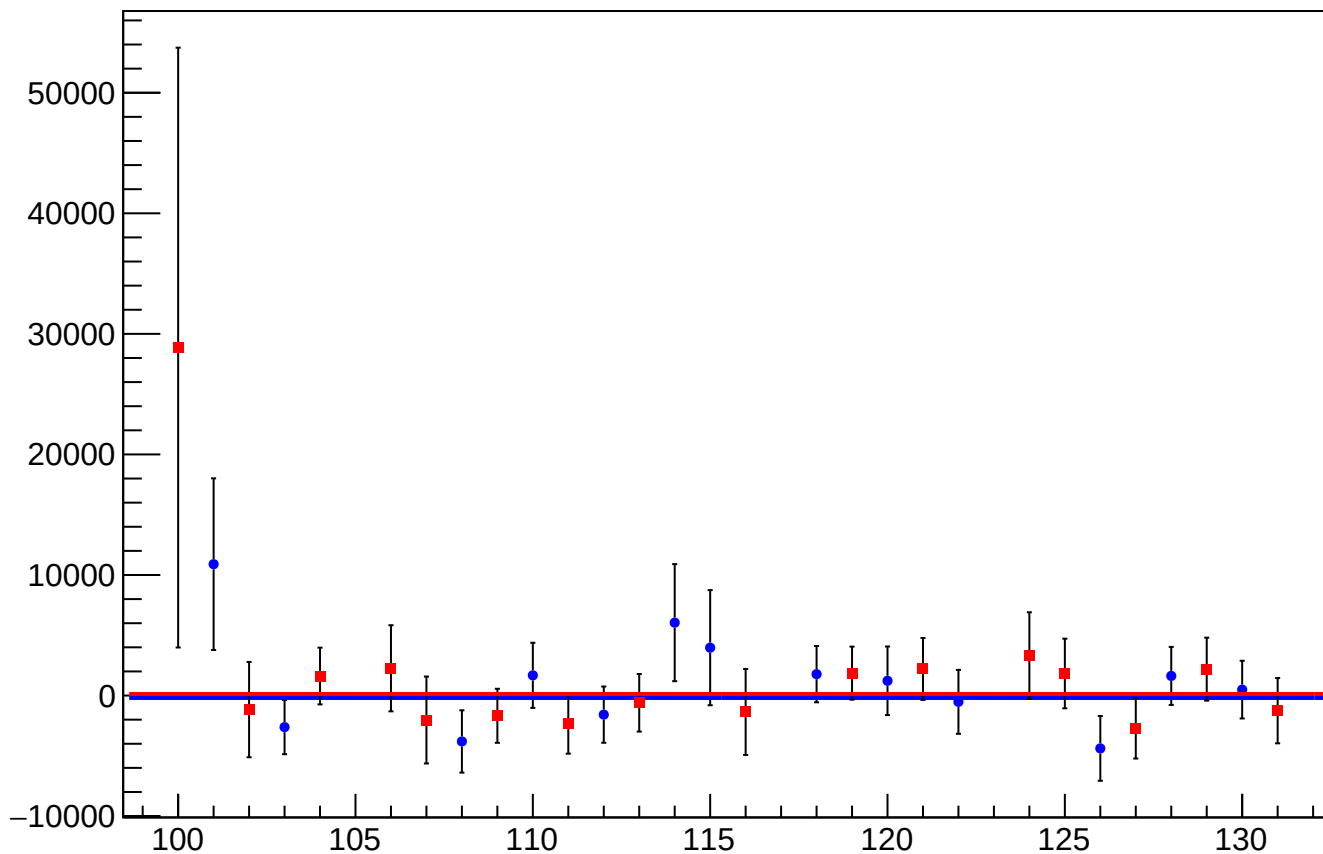
Right: 2676.694+/-0.559 χ^2/NDF : 686573.3/28

In: 2734.066+/-0.836 χ^2/NDF : 299336.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.694+/-0.559 χ^2/NDF : 686573.3/28

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -199.674+/-764.886 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.688+/-704.114 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

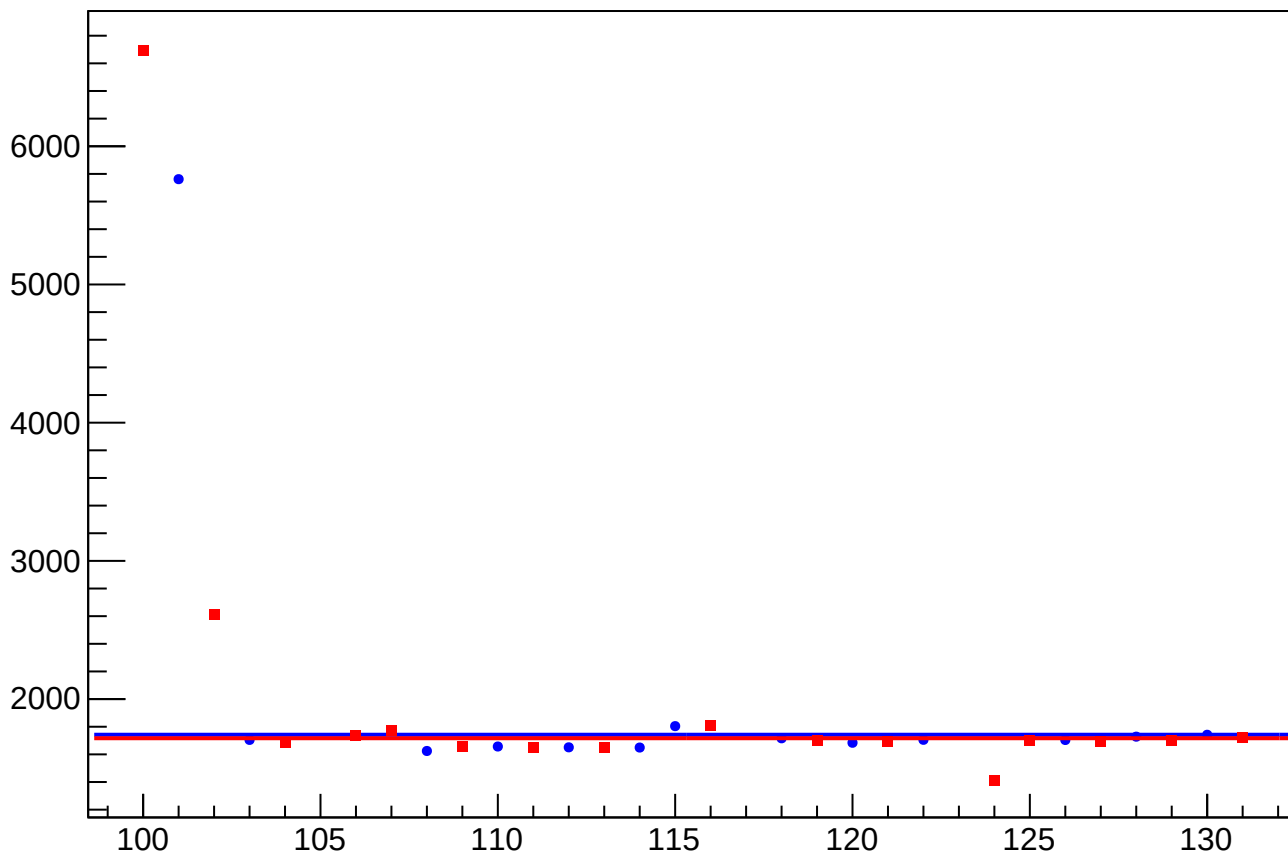
Right: -21.391+/-518.038 χ^2/NDF : 22.0/28

In: -199.674+/-764.886 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.391+/-518.038 χ^2/NDF : 22.0/28

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.048+/-0.541 χ^2/NDF : 650536.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.758+/-0.496 χ^2/NDF : 204872.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

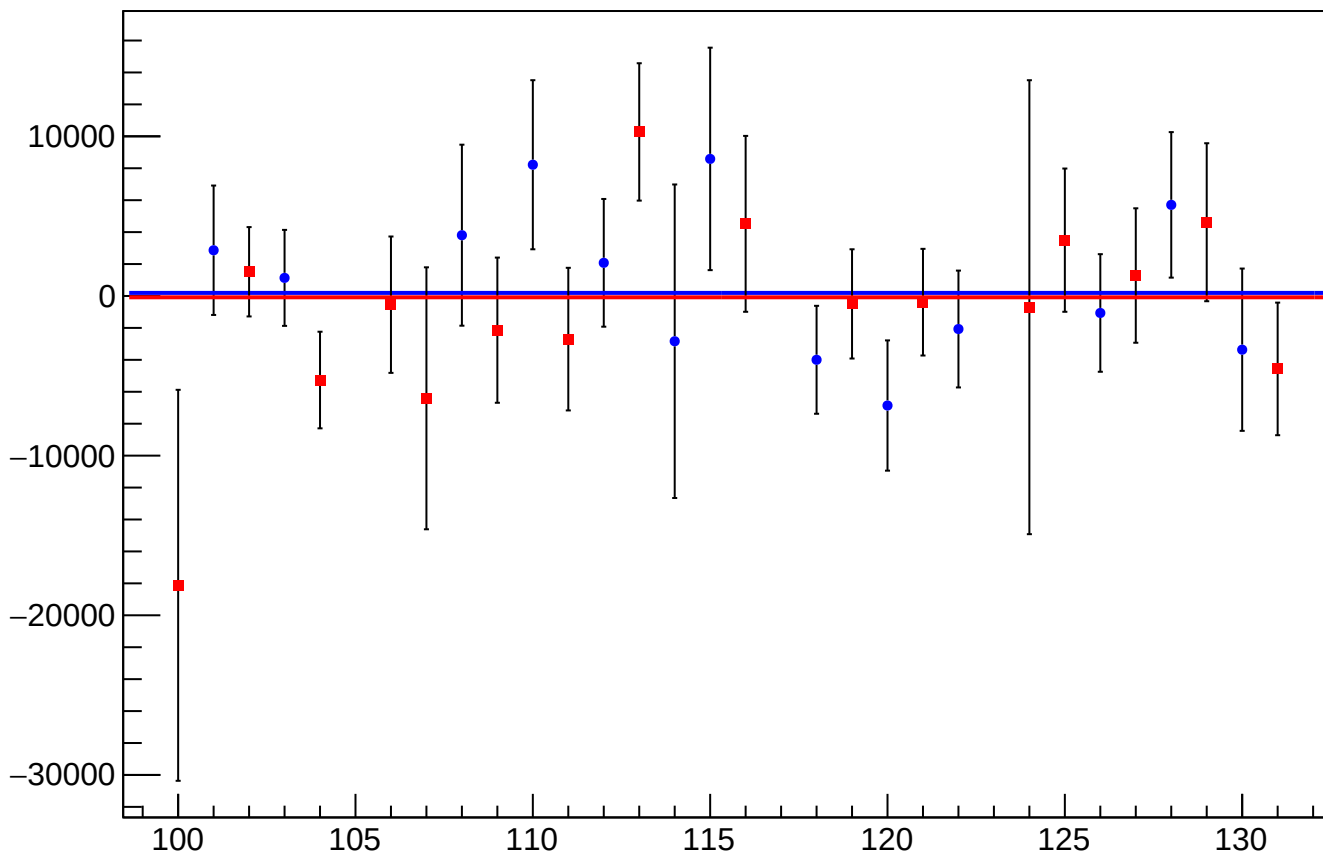
Right: 1728.317+/-0.366 χ^2/NDF : 856596.2/28

In: 1742.048+/-0.541 χ^2/NDF : 650536.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.317+/-0.366 χ^2/NDF : 856596.2/28

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.084+/-1182.925 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.014+/-1063.784 χ^2/NDF : 15.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

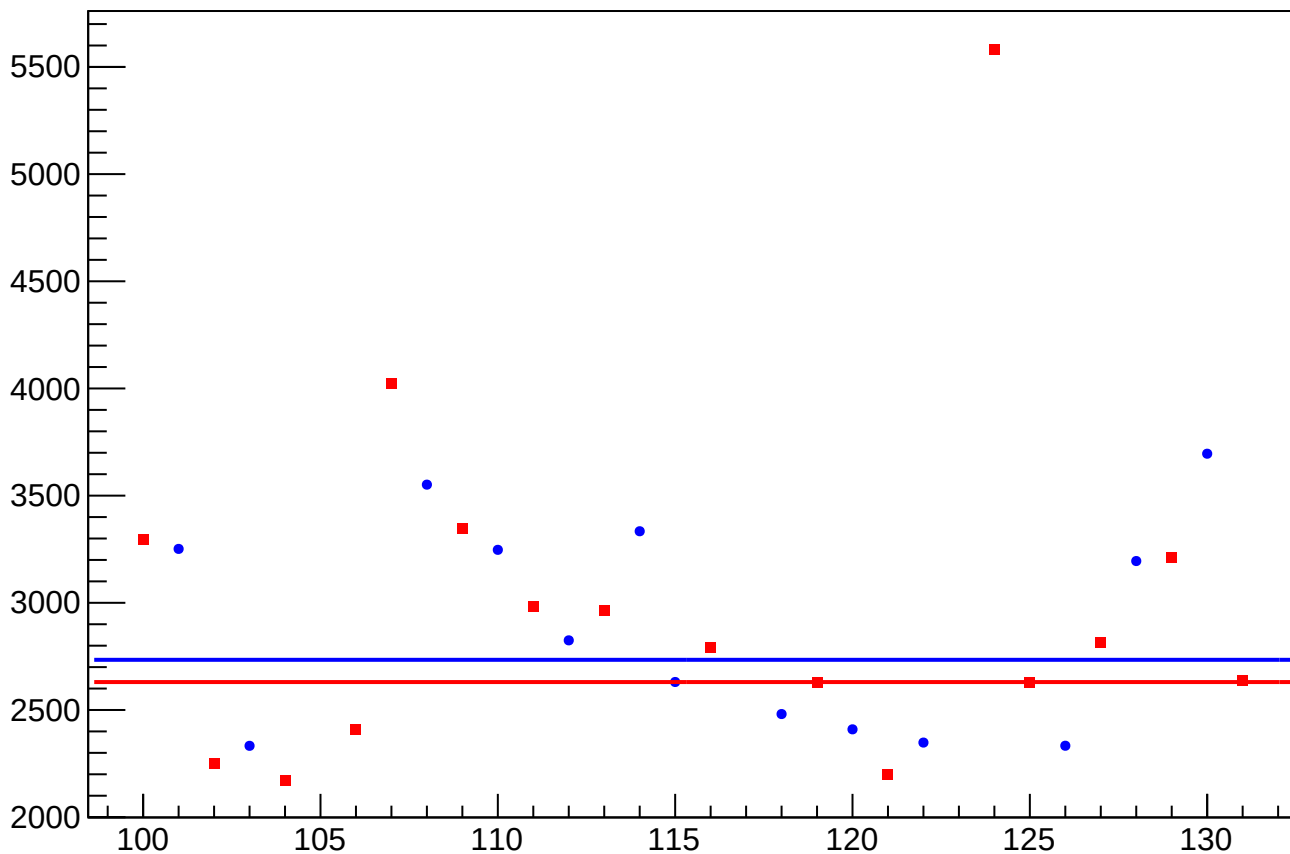
Right: 40.435+/-790.986 χ^2/NDF : 27.9/28

In: 193.084+/-1182.925 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.435+/-790.986 χ^2/NDF : 27.9/28

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2734.057+/-0.836 χ^2/NDF : 299336.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2630.292+/-0.752 χ^2/NDF : 378724.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

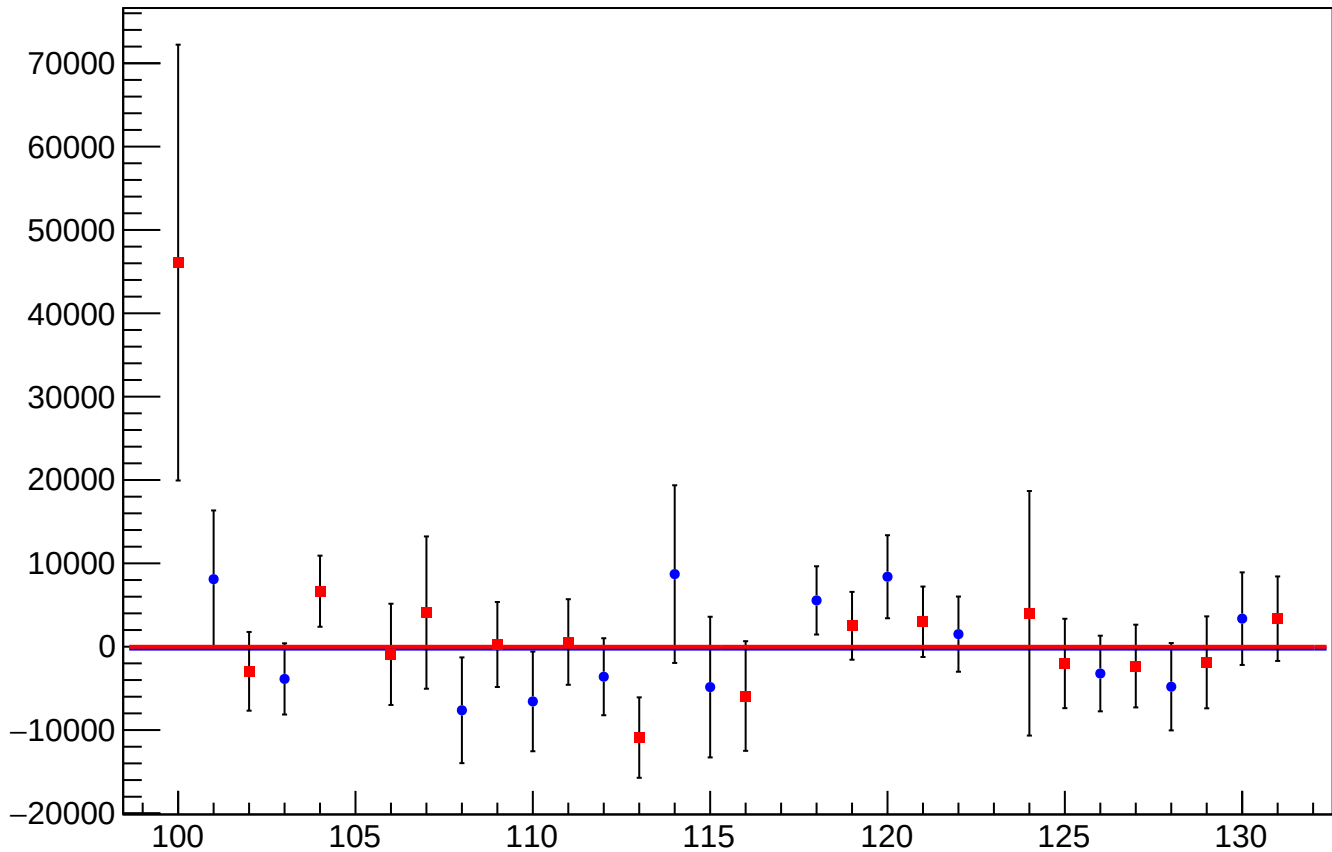
Right: 2676.687+/-0.559 χ^2/NDF : 686569.0/28

In: 2734.057+/-0.836 χ^2/NDF : 299336.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.687+/-0.559 χ^2/NDF : 686569.0/28

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -228.170 ± 1476.688 $\chi^2/\text{NDF}: 12.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.900 ± 1347.126 $\chi^2/\text{NDF}: 14.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

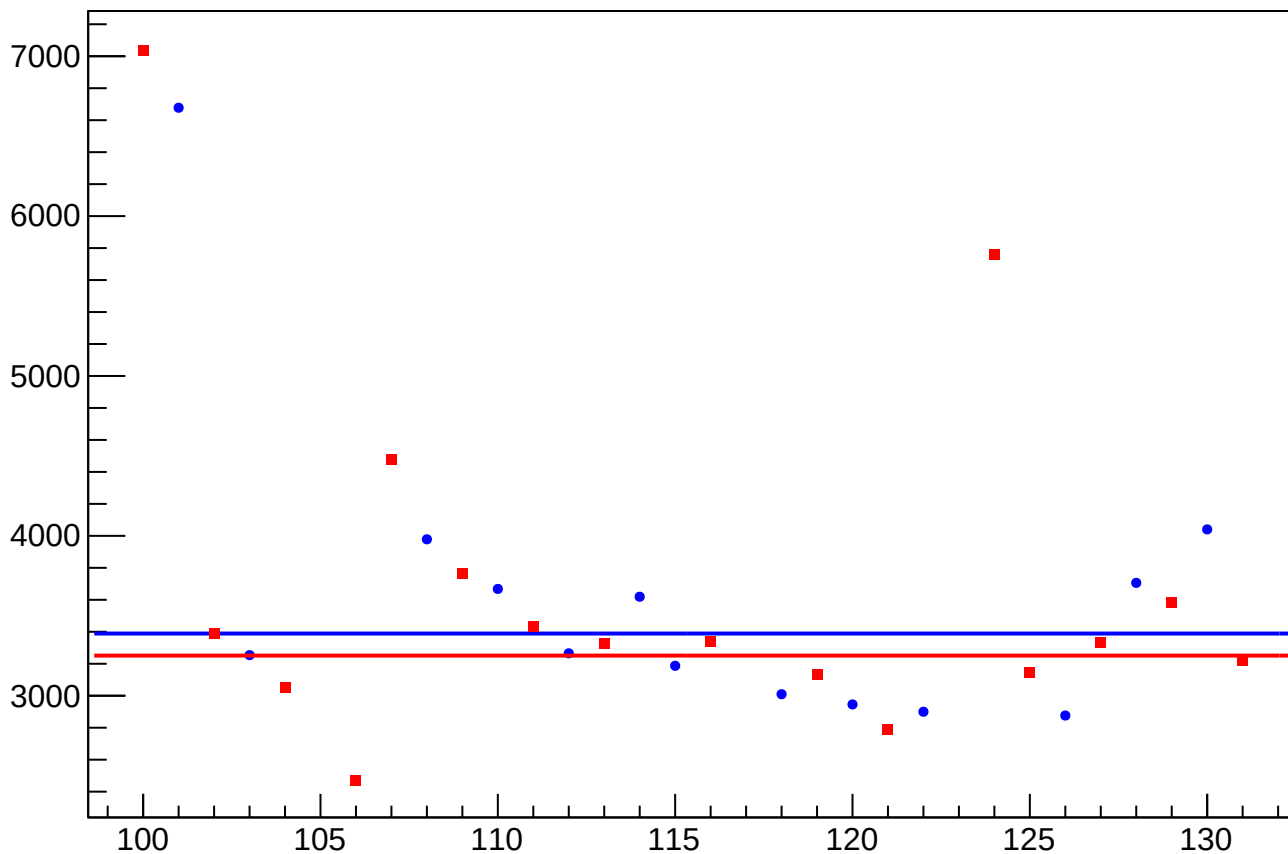
Right: -109.587 ± 995.220 $\chi^2/\text{NDF}: 26.5/28$

In: -228.170 ± 1476.688 $\chi^2/\text{NDF}: 12.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -109.587 ± 995.220 $\chi^2/\text{NDF}: 26.5/28$

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3389.083+/-1.044 χ^2/NDF : 462248.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3251.078+/-0.938 χ^2/NDF : 254713.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

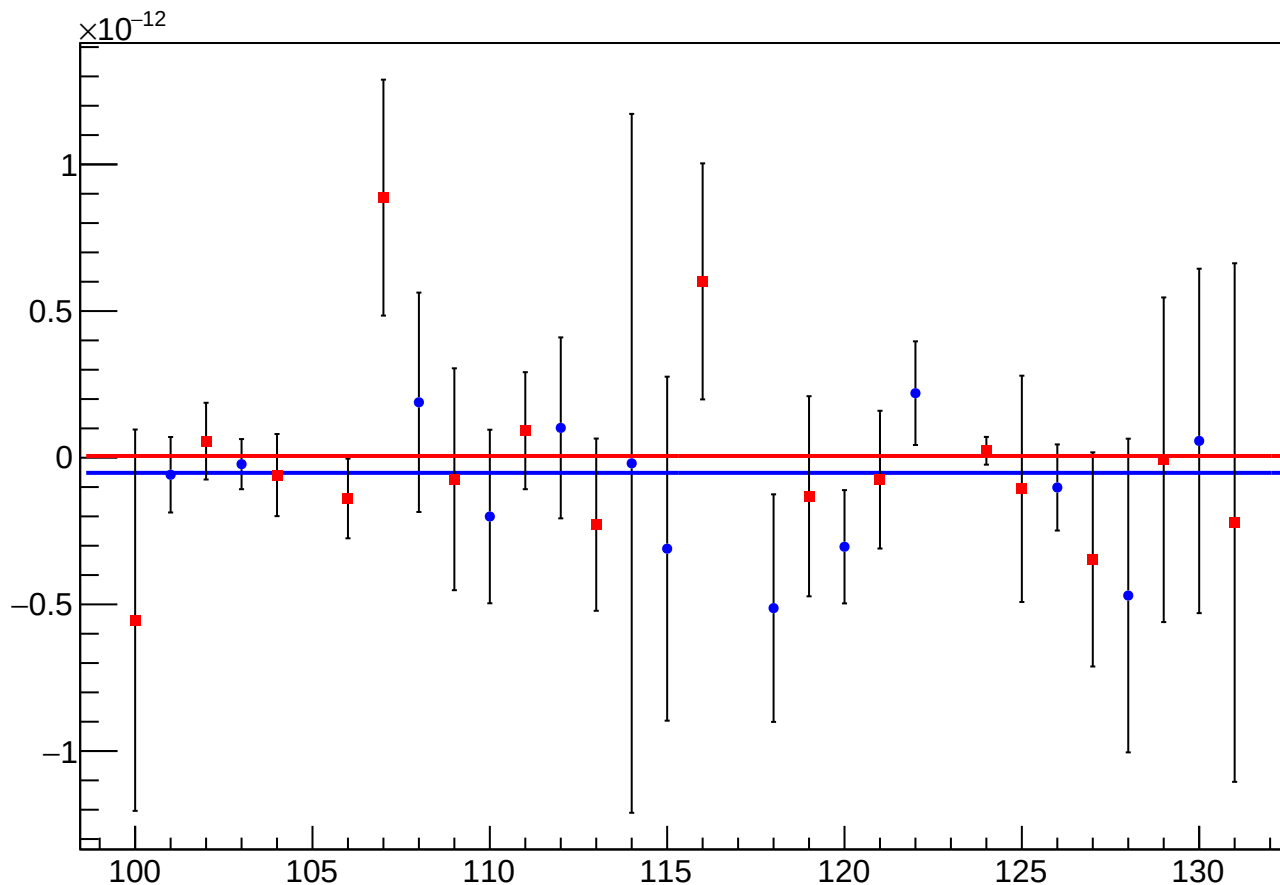
Right: 3312.694+/-0.698 χ^2/NDF : 726631.0/28

In: 3389.083+/-1.044 χ^2/NDF : 462248.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3312.694+/-0.698 χ^2/NDF : 726631.0/28

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

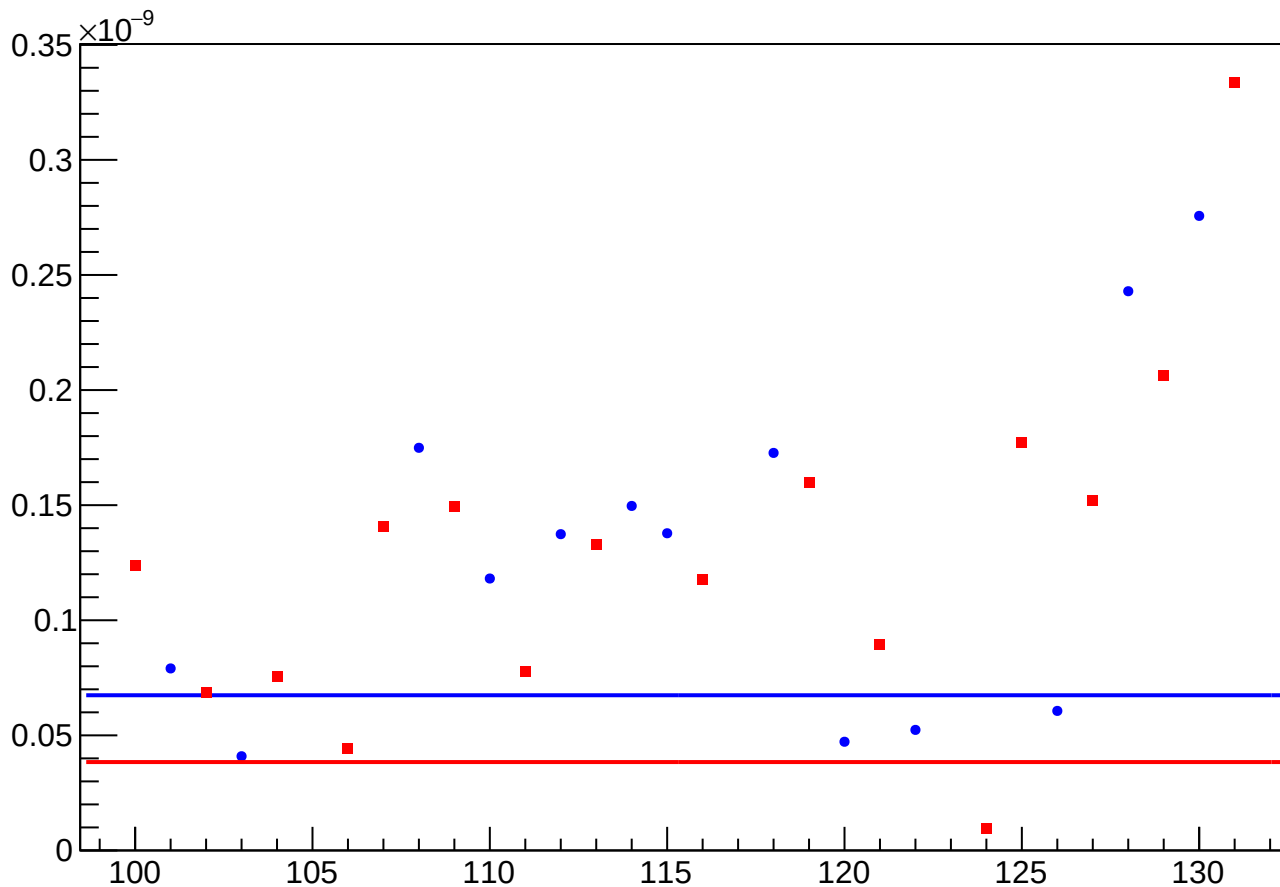
Right: -0.000+/-0.000 χ^2/NDF : 19.9/28

In: -0.000+/-0.000 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/28

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1228962.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2895794.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

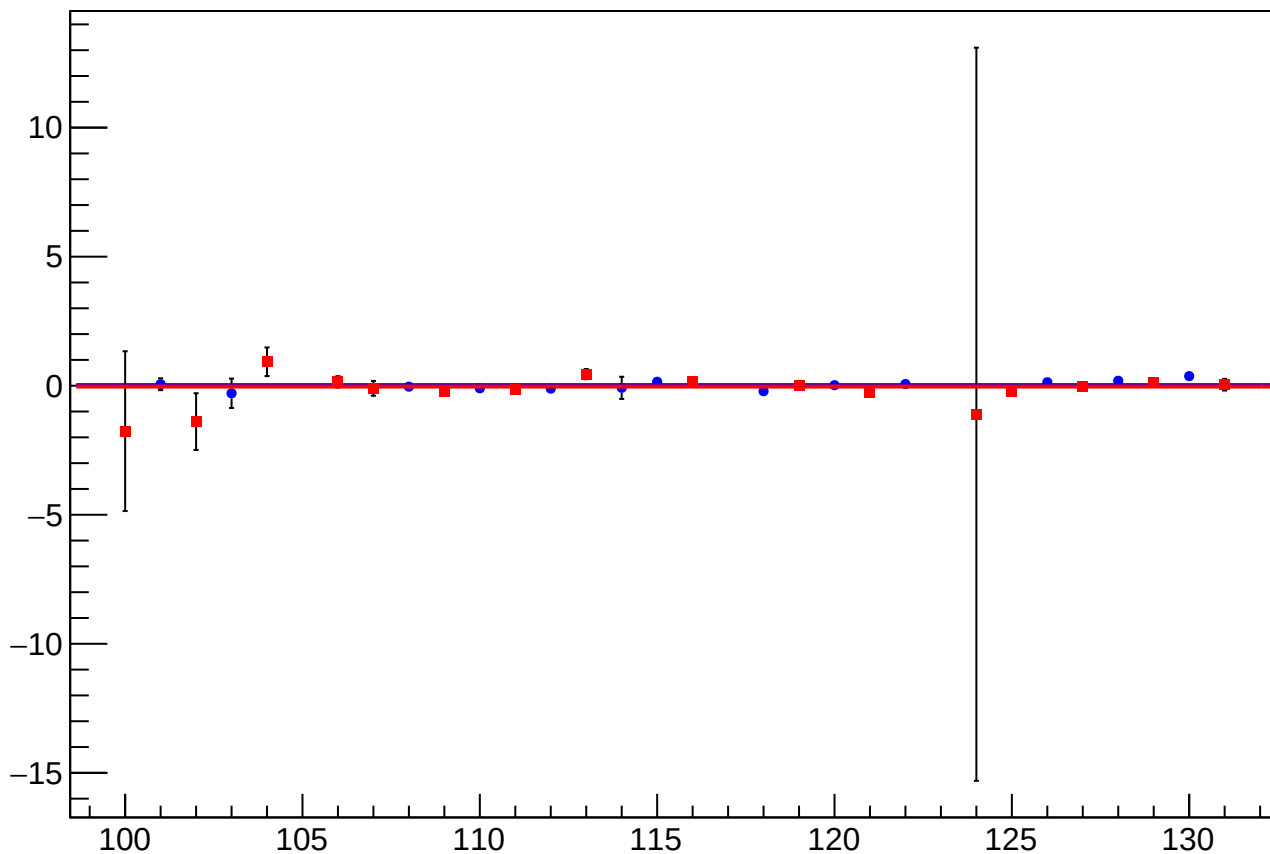
Right: 0.000+/-0.000 χ^2/NDF : 4519278.8/28

In: 0.000+/-0.000 χ^2/NDF : 1228962.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4519278.8/28

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

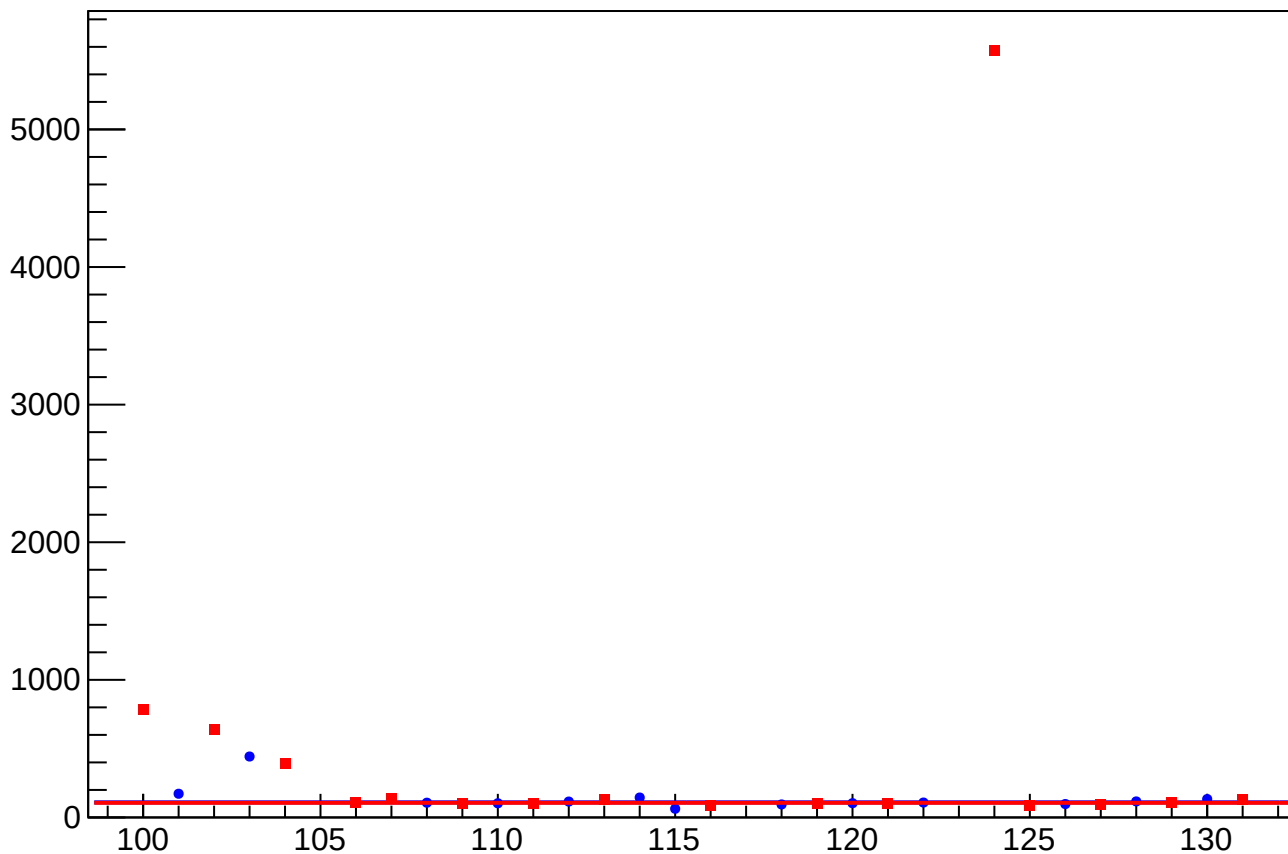
Right: -0.006+/-0.035 χ^2/NDF : 31.1/28

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.035 χ^2/NDF : 31.1/28

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.423+/-0.034 χ^2/NDF : 1577353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

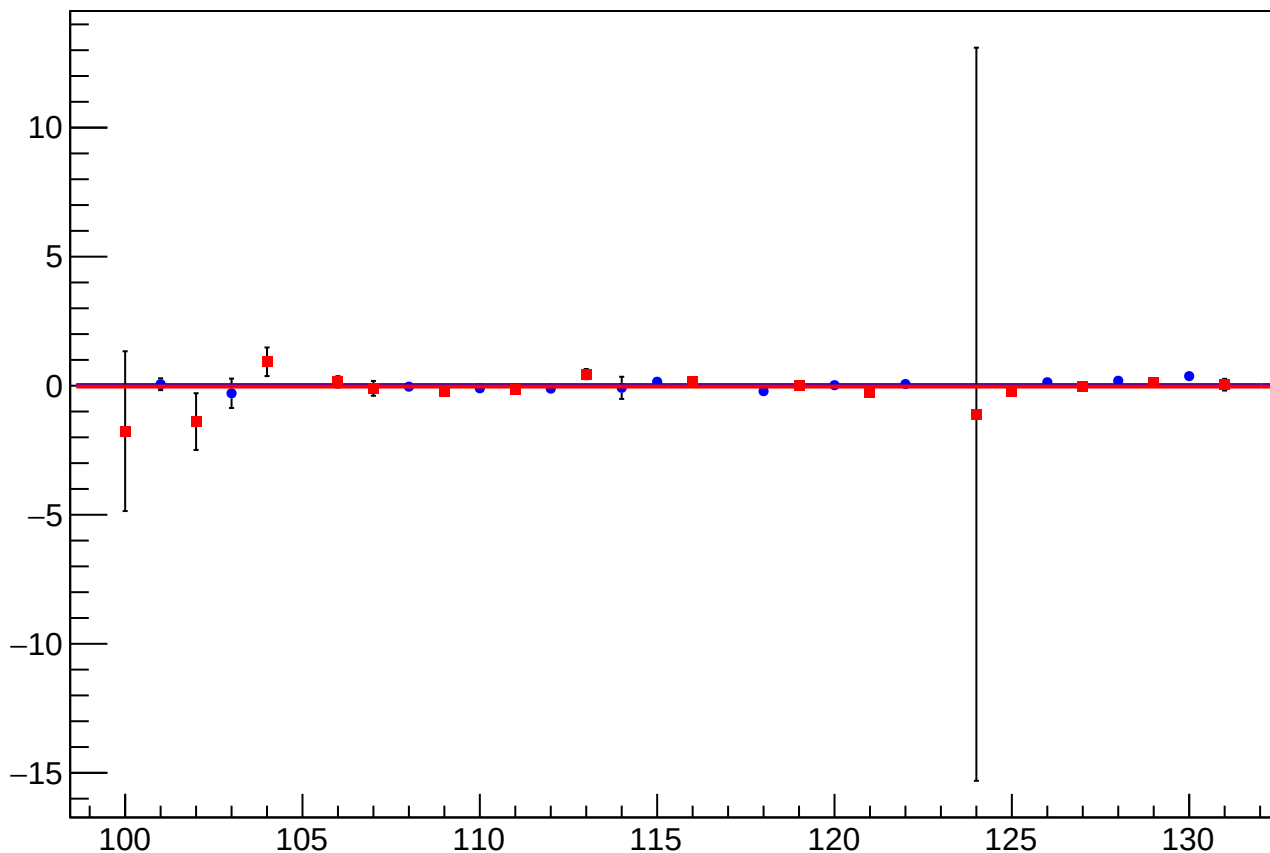
Right: 108.043+/-0.025 χ^2/NDF : 2650499.5/28

In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.043+/-0.025 χ^2/NDF : 2650499.5/28

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

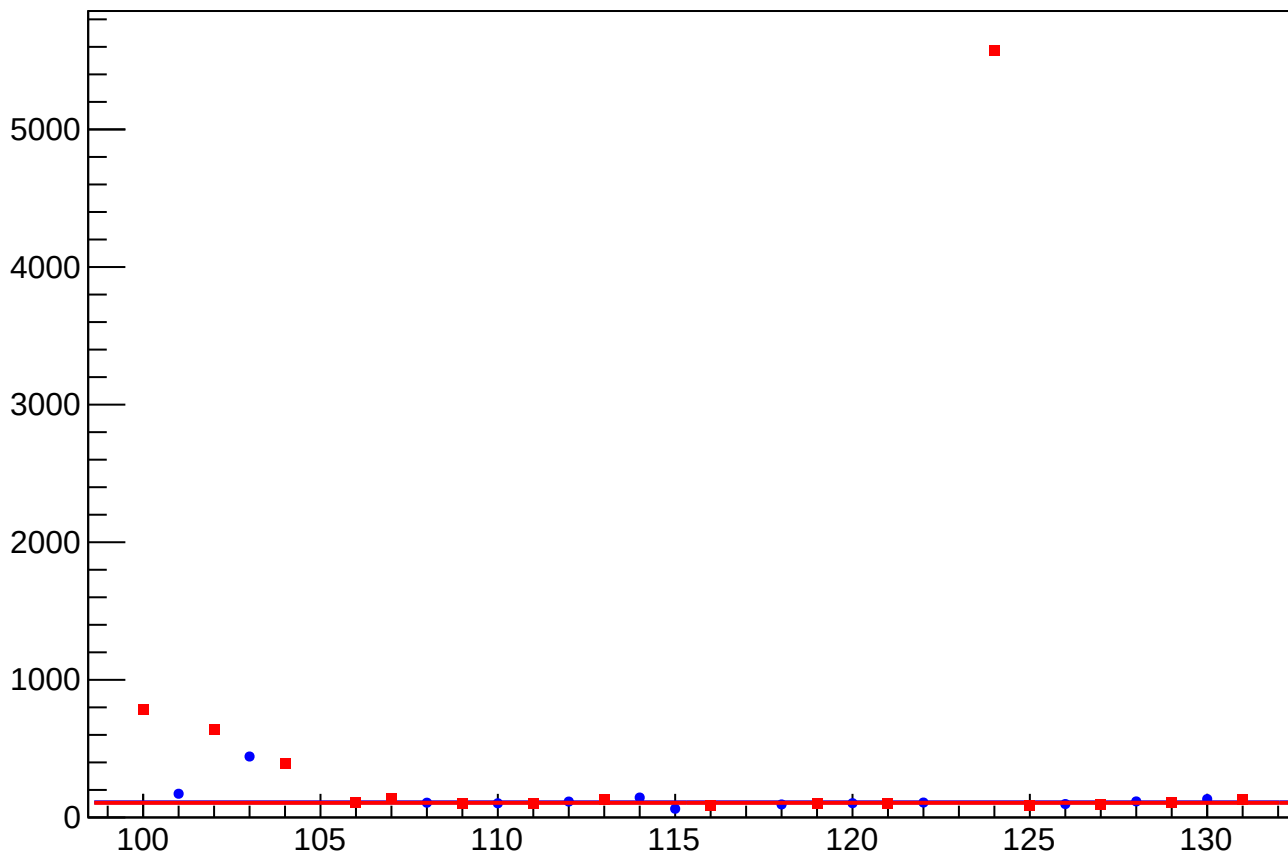
Right: -0.006+/-0.035 χ^2/NDF : 31.1/28

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.035 χ^2/NDF : 31.1/28

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.423+/-0.034 χ^2/NDF : 1577353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

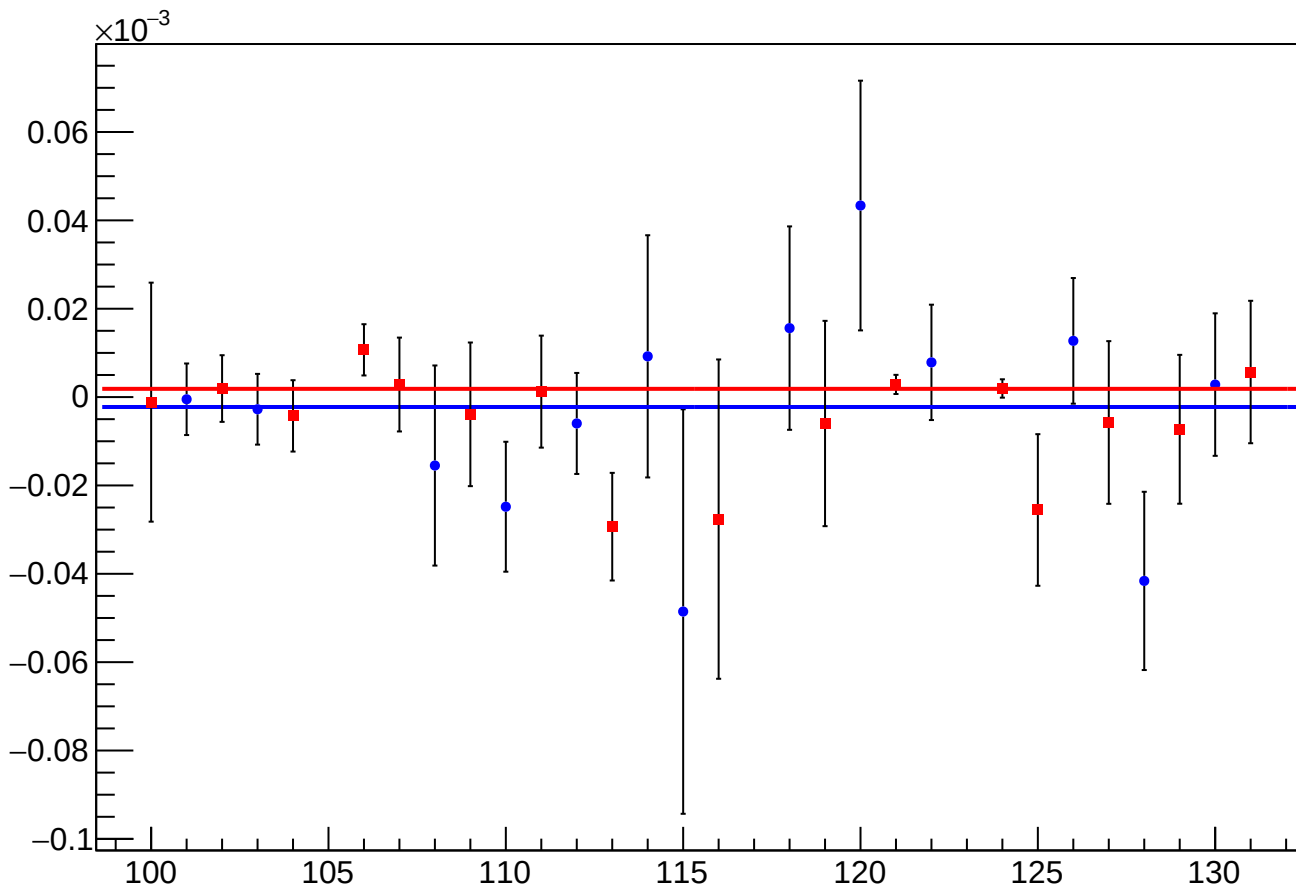
Right: 108.043+/-0.025 χ^2/NDF : 2650499.5/28

In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.043+/-0.025 χ^2/NDF : 2650499.5/28

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

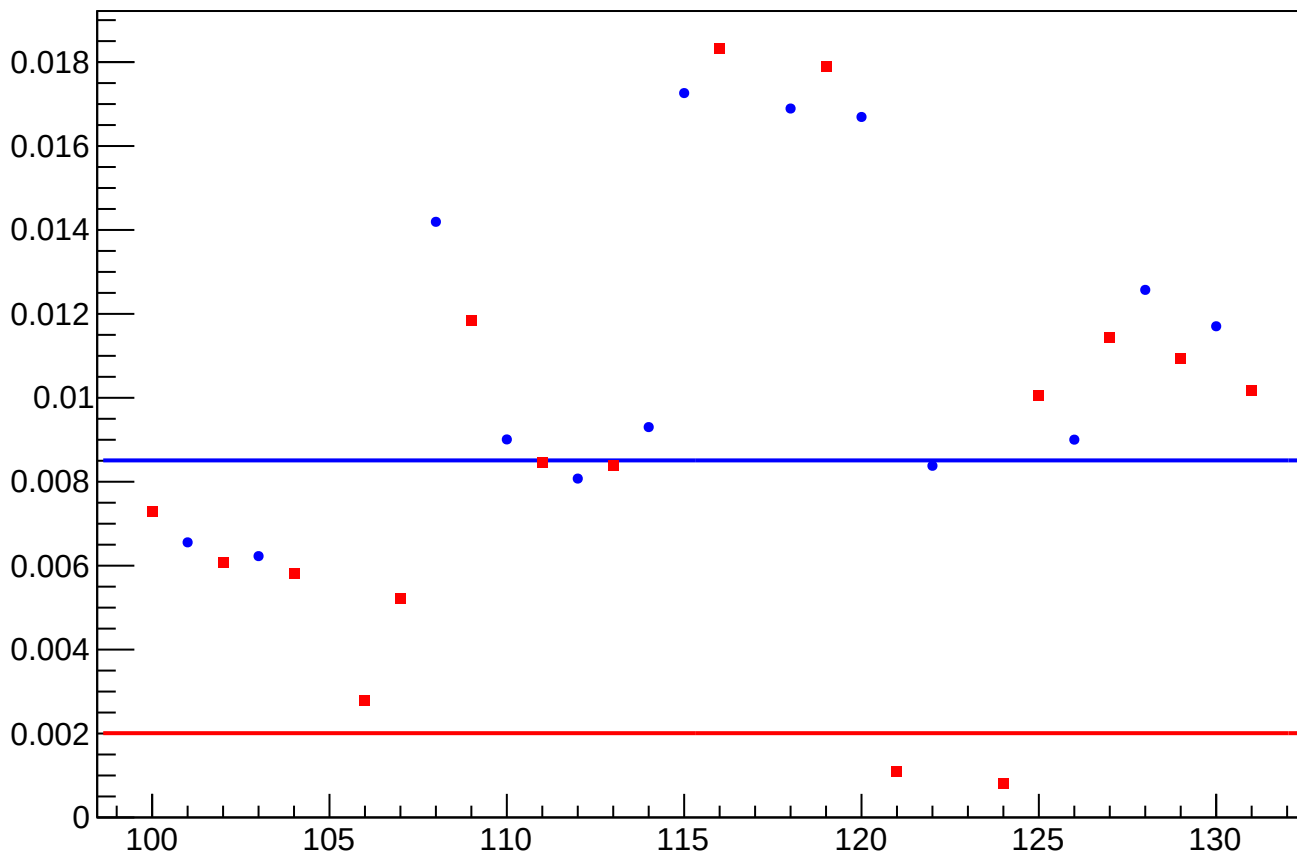
Right: 0.000+/-0.000 χ^2 /NDF: 27.6/28

In: -0.000+/-0.000 χ^2 /NDF:12.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 27.6/28

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 1080011.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7501647.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

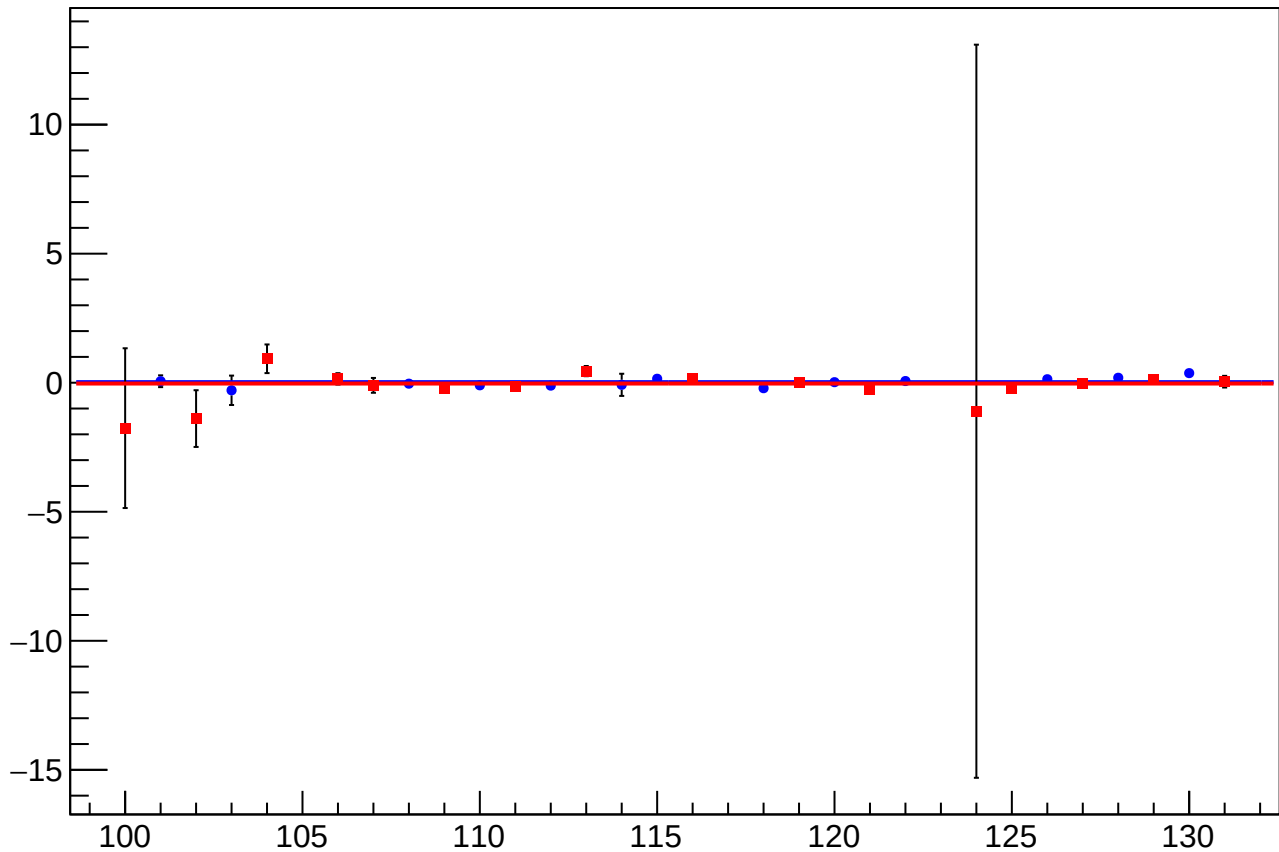
Right: 0.003+/-0.000 χ^2/NDF : 13637226.9/28

In: 0.009+/-0.000 χ^2/NDF : 1080011.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13637226.9/28

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

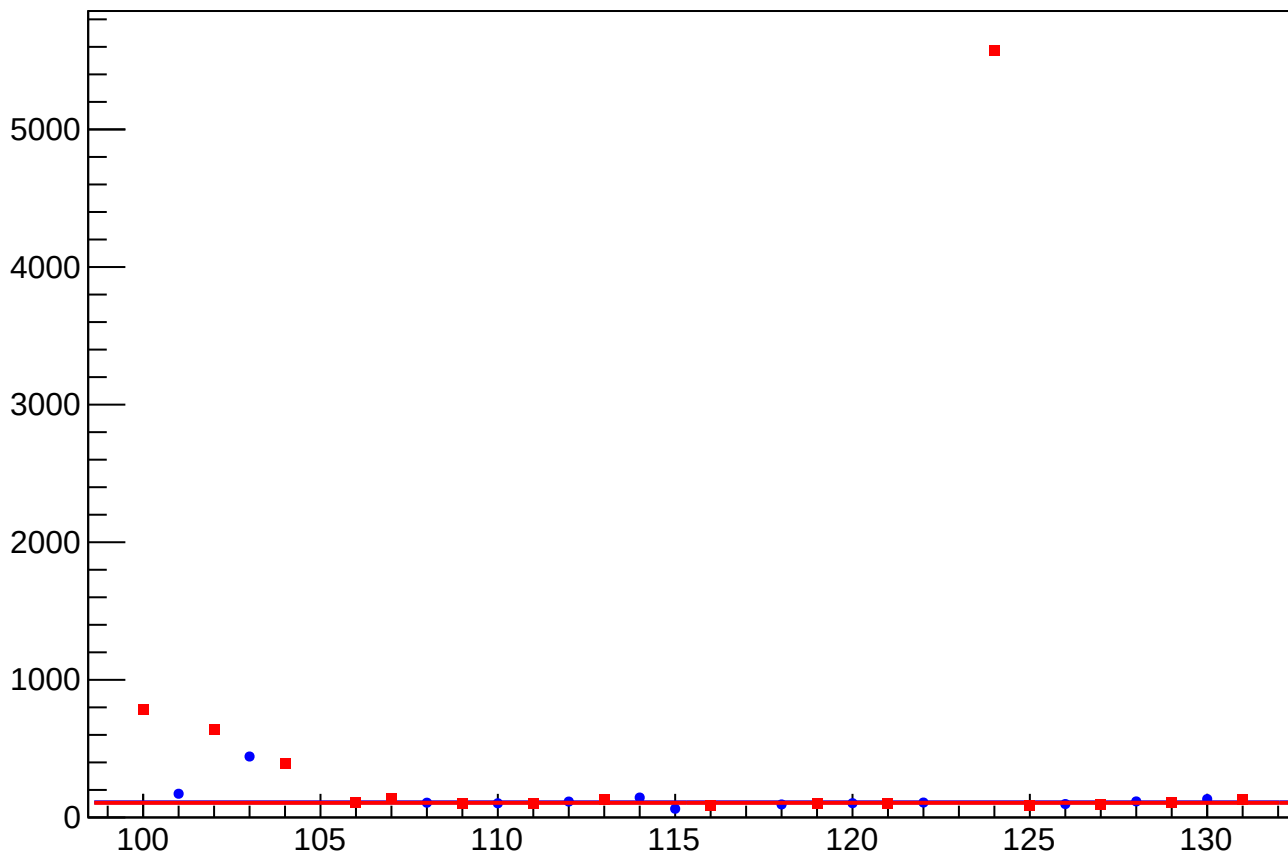
Right: -0.006+/-0.035 χ^2/NDF : 31.1/28

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.035 χ^2/NDF : 31.1/28

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.844+/-0.036 χ^2/NDF : 1068308.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.425+/-0.034 χ^2/NDF : 1577301.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

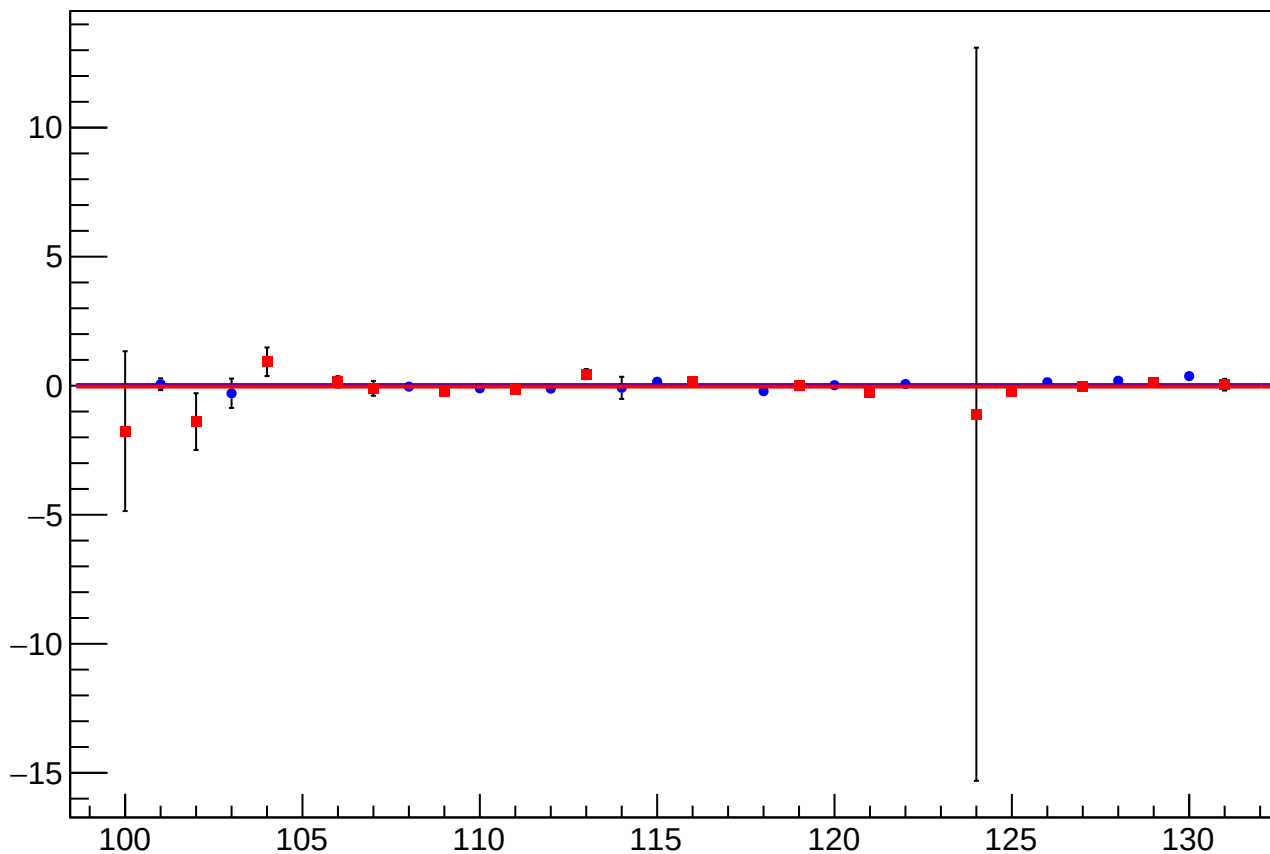
Right: 108.044+/-0.025 χ^2/NDF : 2650399.2/28

In: 109.844+/-0.036 χ^2/NDF : 1068308.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.044+/-0.025 χ^2/NDF : 2650399.2/28

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

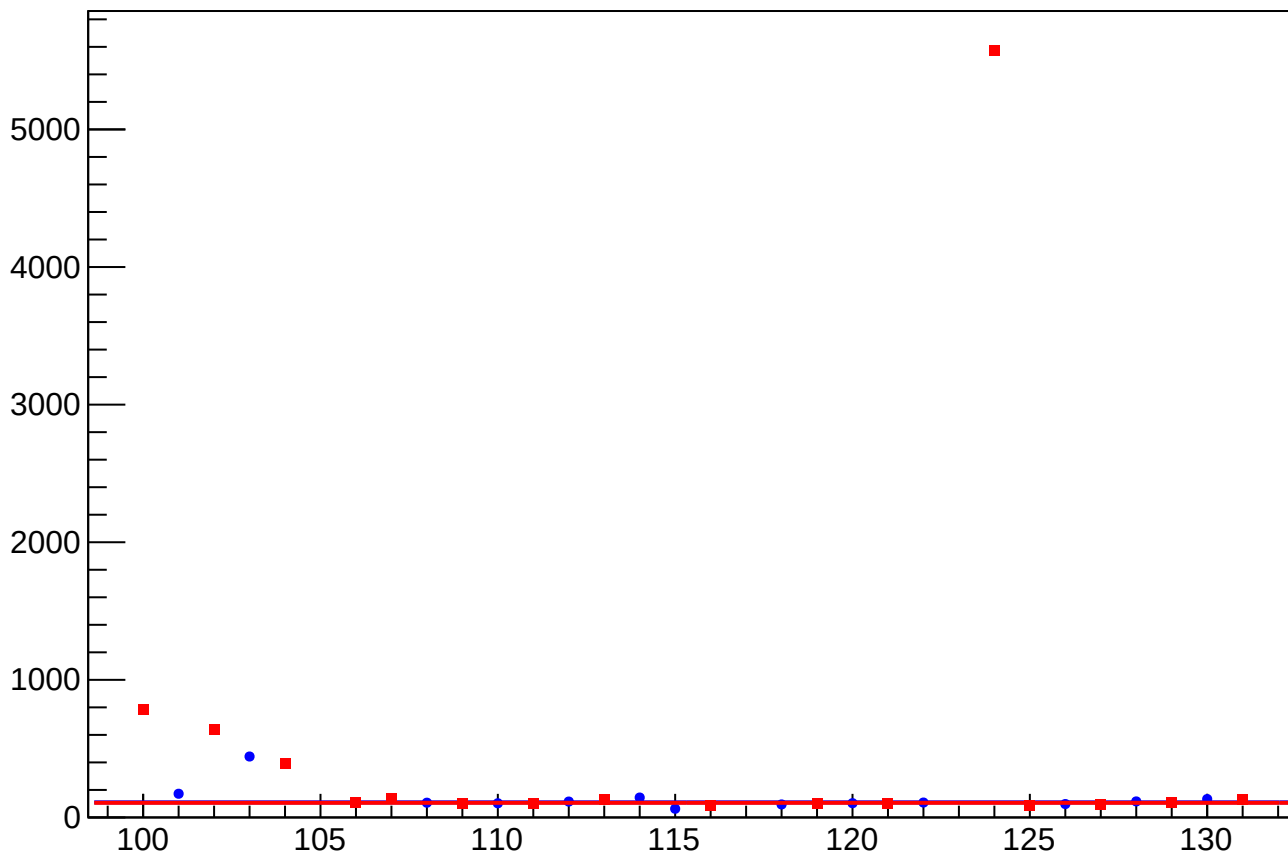
Right: -0.006+/-0.035 χ^2/NDF : 31.1/28

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.035 χ^2/NDF : 31.1/28

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.844+/-0.036 χ^2/NDF : 1068308.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.425+/-0.034 χ^2/NDF : 1577301.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

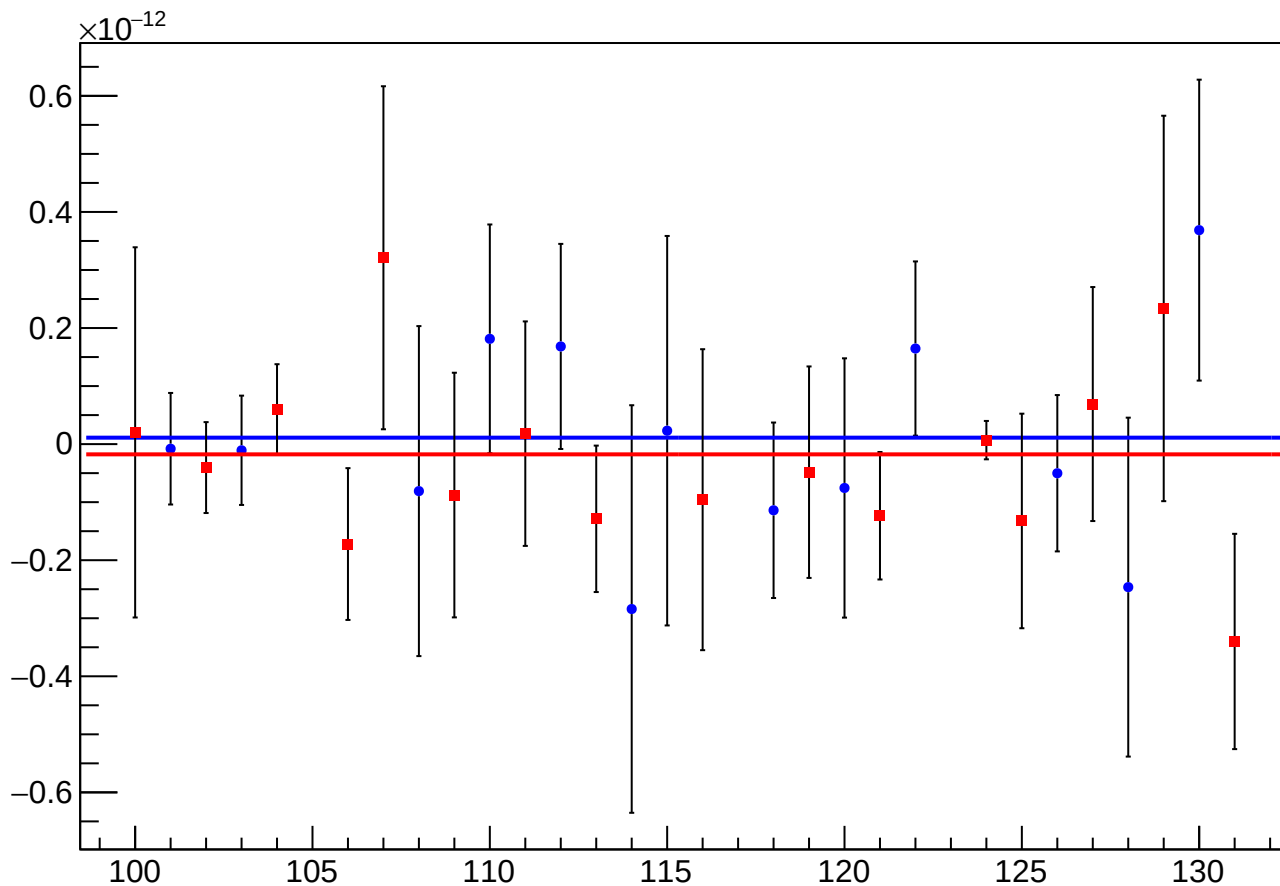
Right: 108.044+/-0.025 χ^2/NDF : 2650399.2/28

In: 109.844+/-0.036 χ^2/NDF : 1068308.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.044+/-0.025 χ^2/NDF : 2650399.2/28

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/12

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

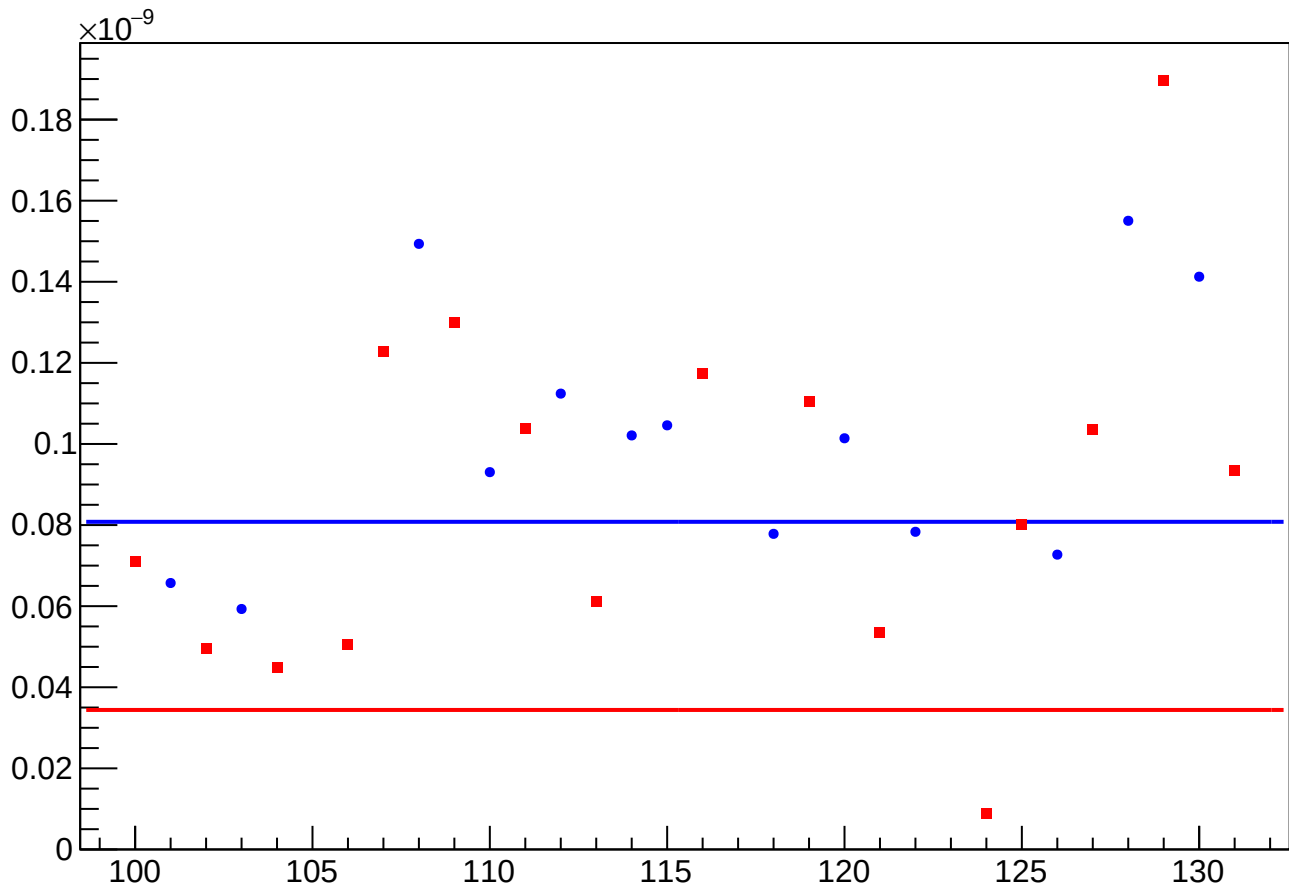
Right: -0.000+/-0.000 χ^2/NDF : 18.0/28

In: 0.000+/-0.000 χ^2/NDF : 7.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/28

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 622661.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3920549.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

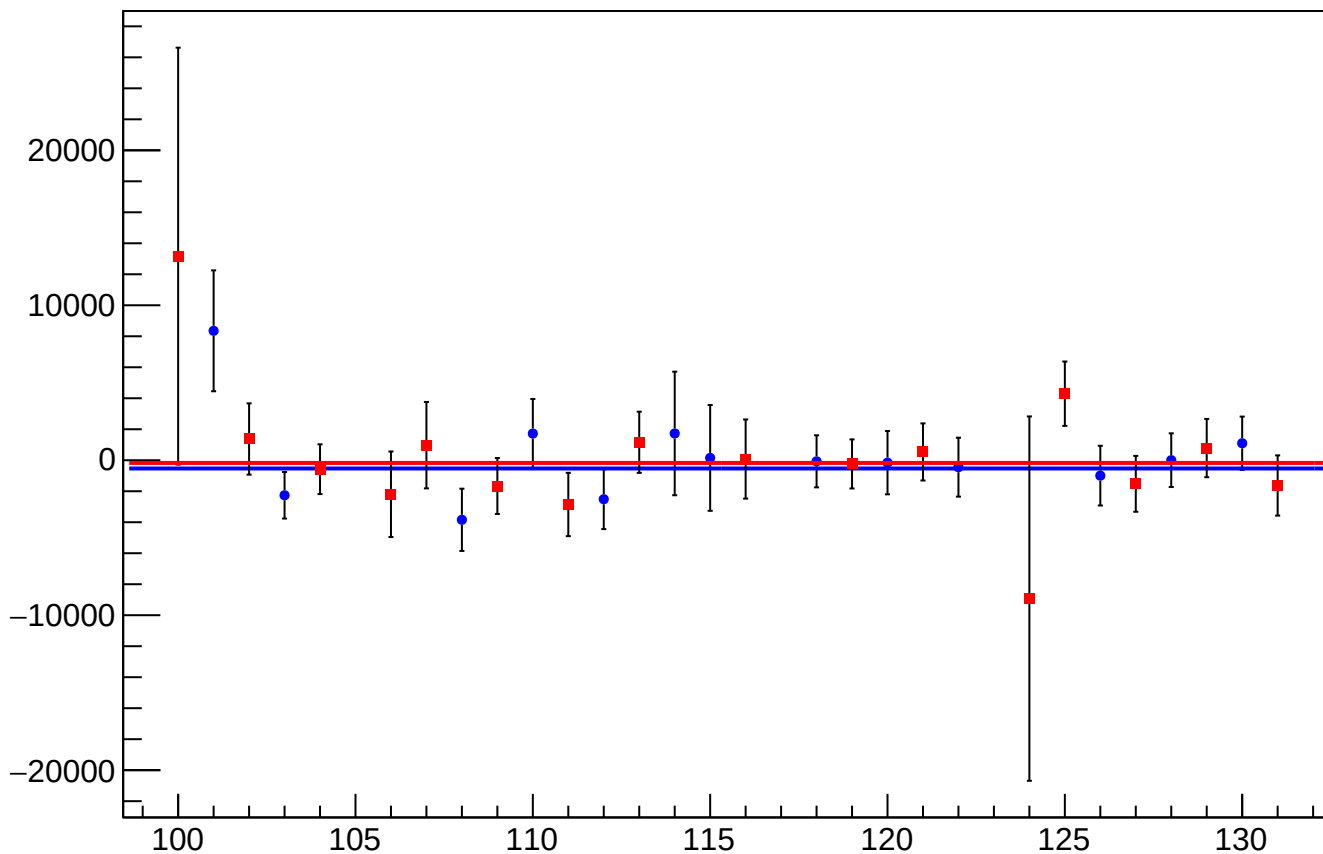
Right: 0.000+/-0.000 χ^2/NDF : 6192183.0/28

In: 0.000+/-0.000 χ^2/NDF : 622661.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6192183.0/28

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.251+/-528.071 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

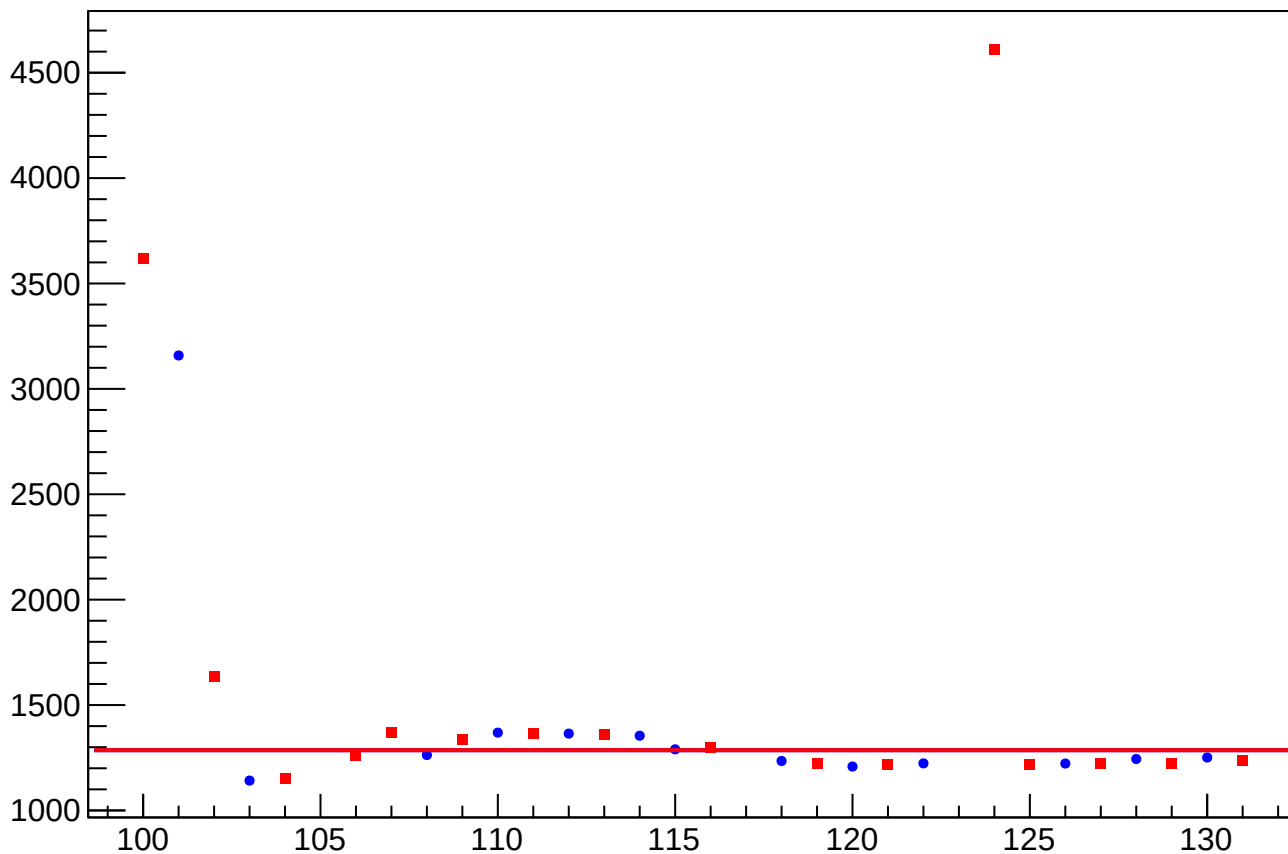
Right: -342.047+/-384.253 χ^2/NDF : 24.8/28

In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.047+/-384.253 χ^2/NDF : 24.8/28

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

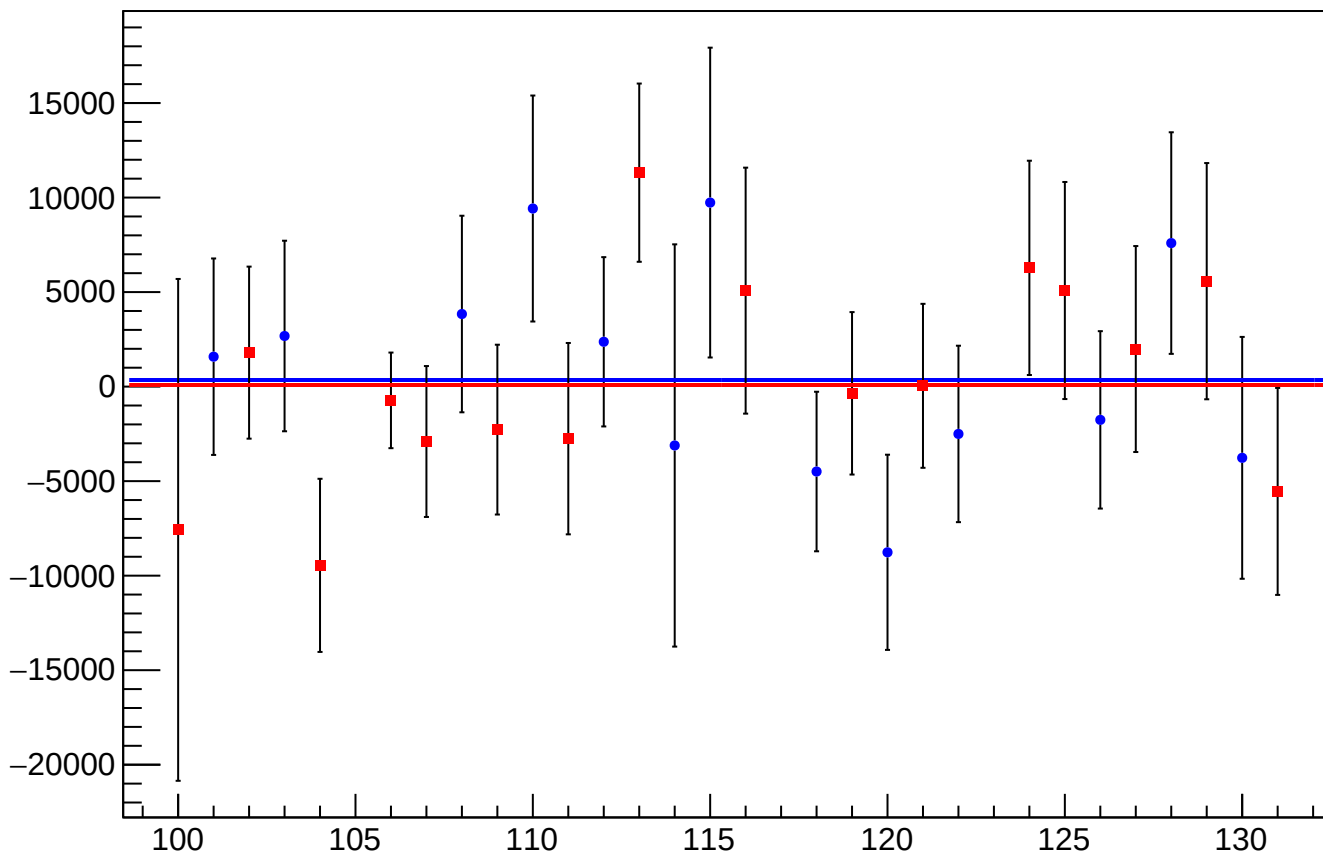
Right: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.586 $\pm$ 1484.807 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 85.501 $\pm$ 1162.841 χ^2 /NDF: 16.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

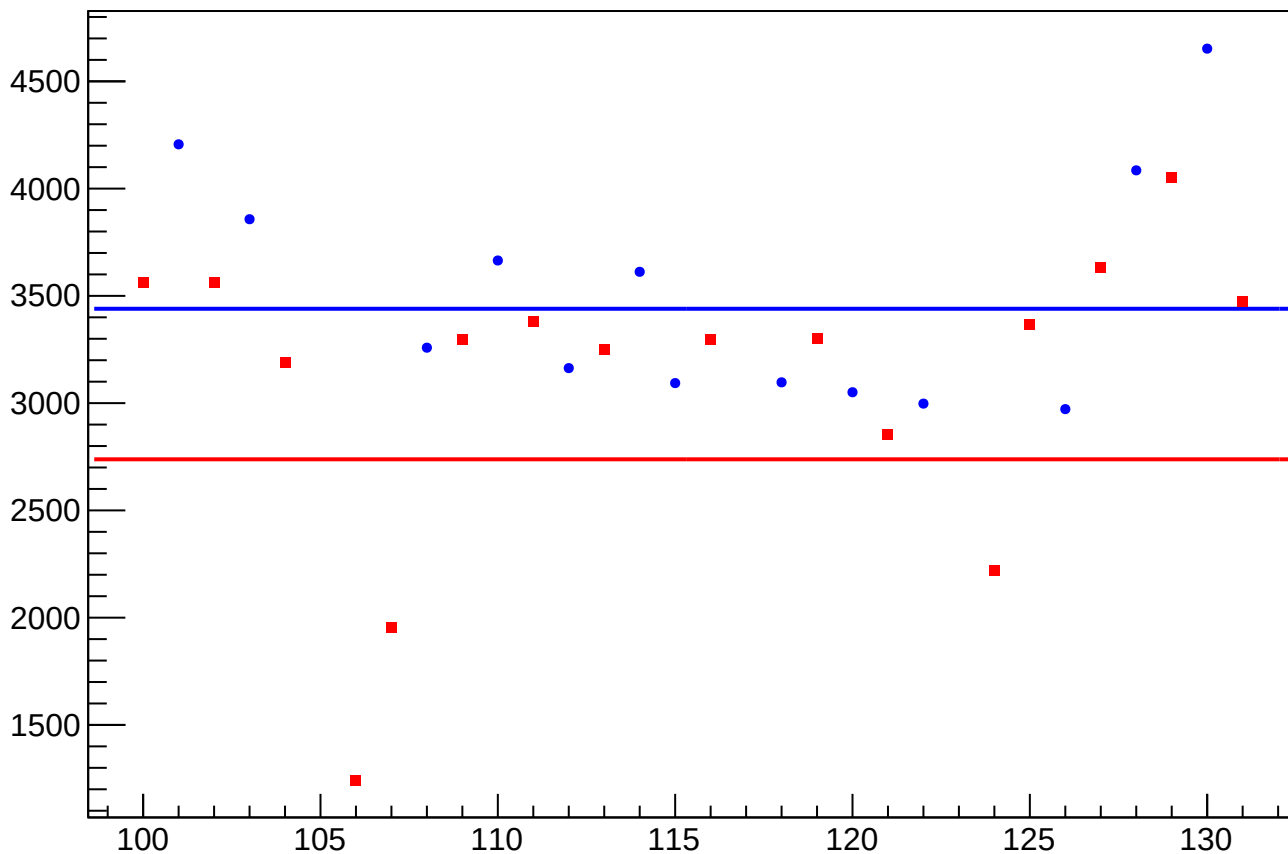
Right: 185.898 $\pm$ 915.498 χ^2 /NDF: 27.9/28

In: 349.586 $\pm$ 1484.807 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.898 $\pm$ 915.498 χ^2 /NDF: 27.9/28

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

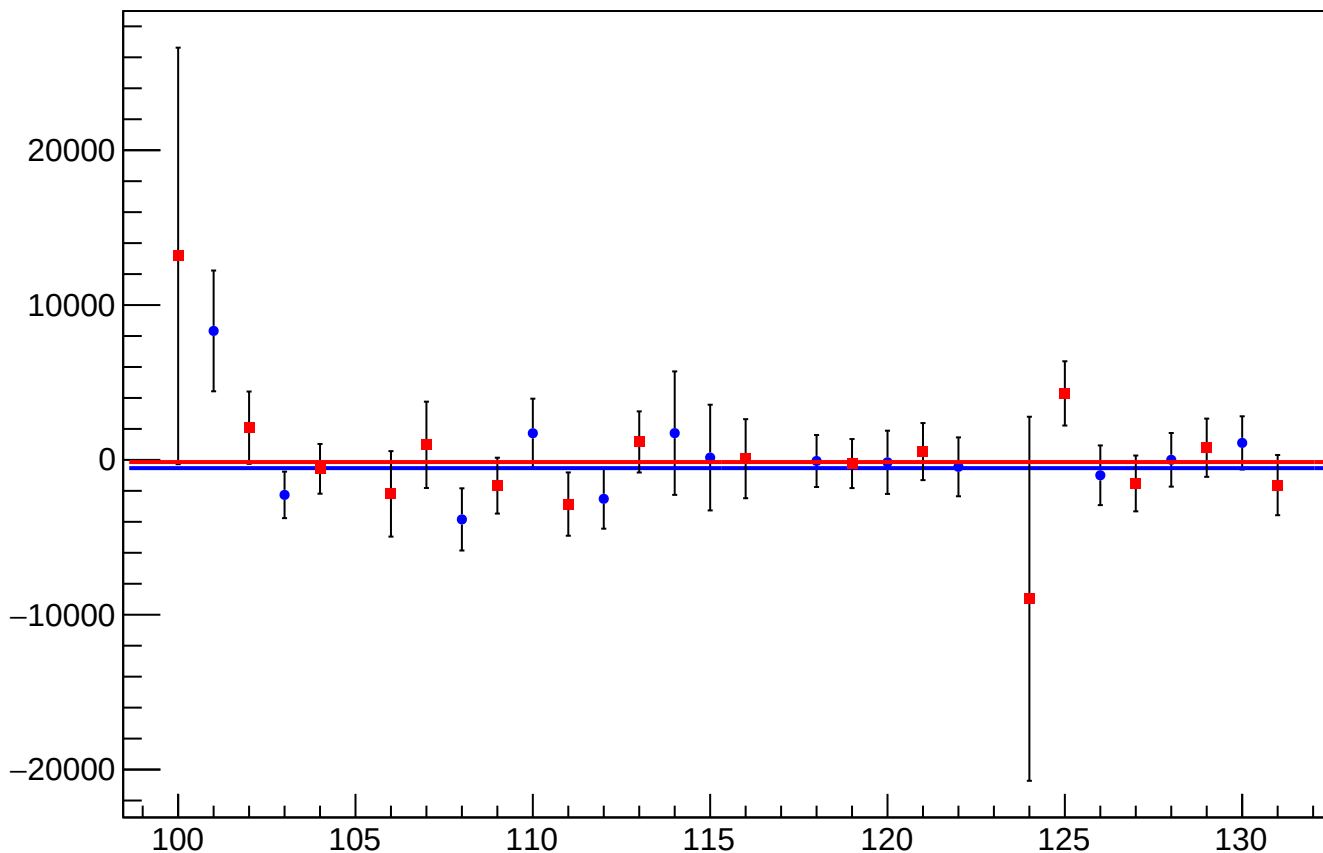
Right: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

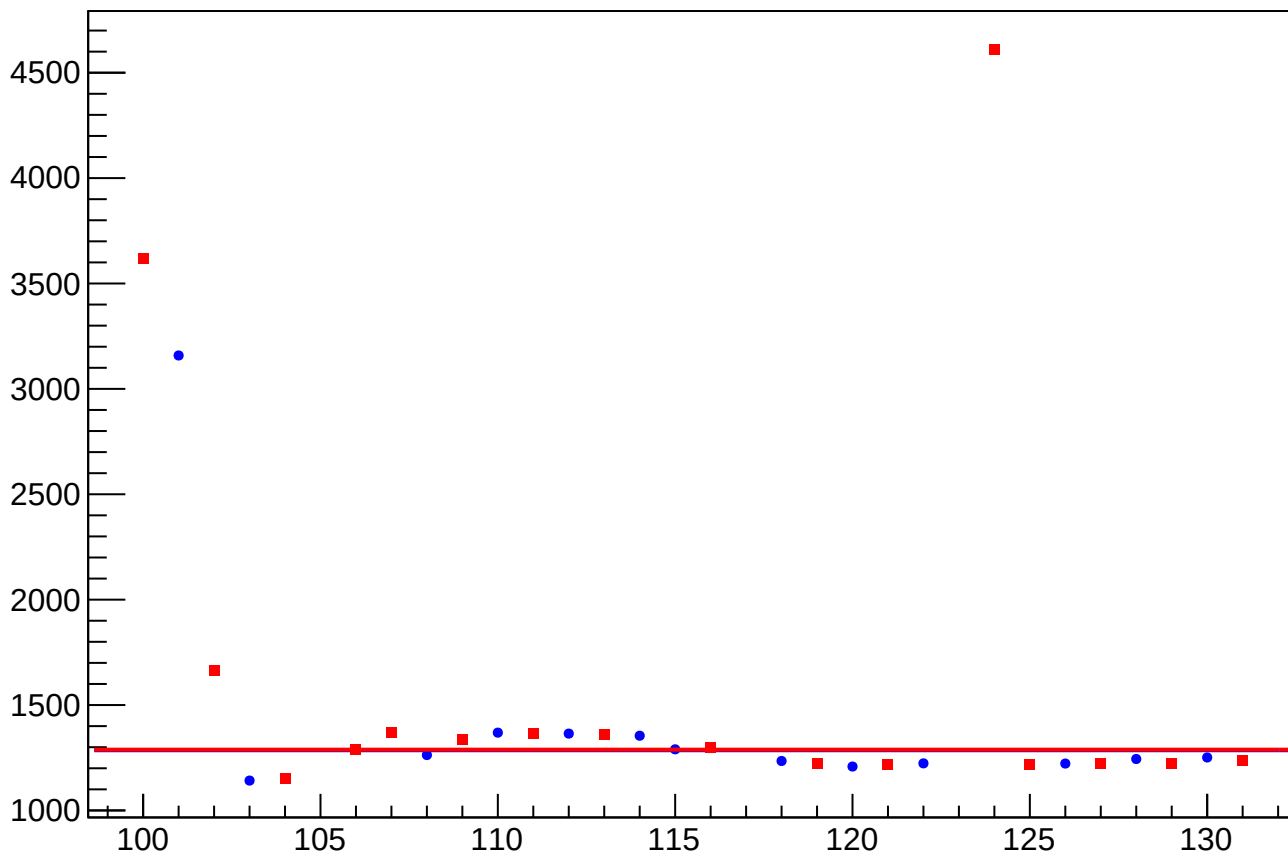
Right: -324.502+/-384.411 χ^2/NDF : 25.3/28

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.502+/-384.411 χ^2/NDF : 25.3/28

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

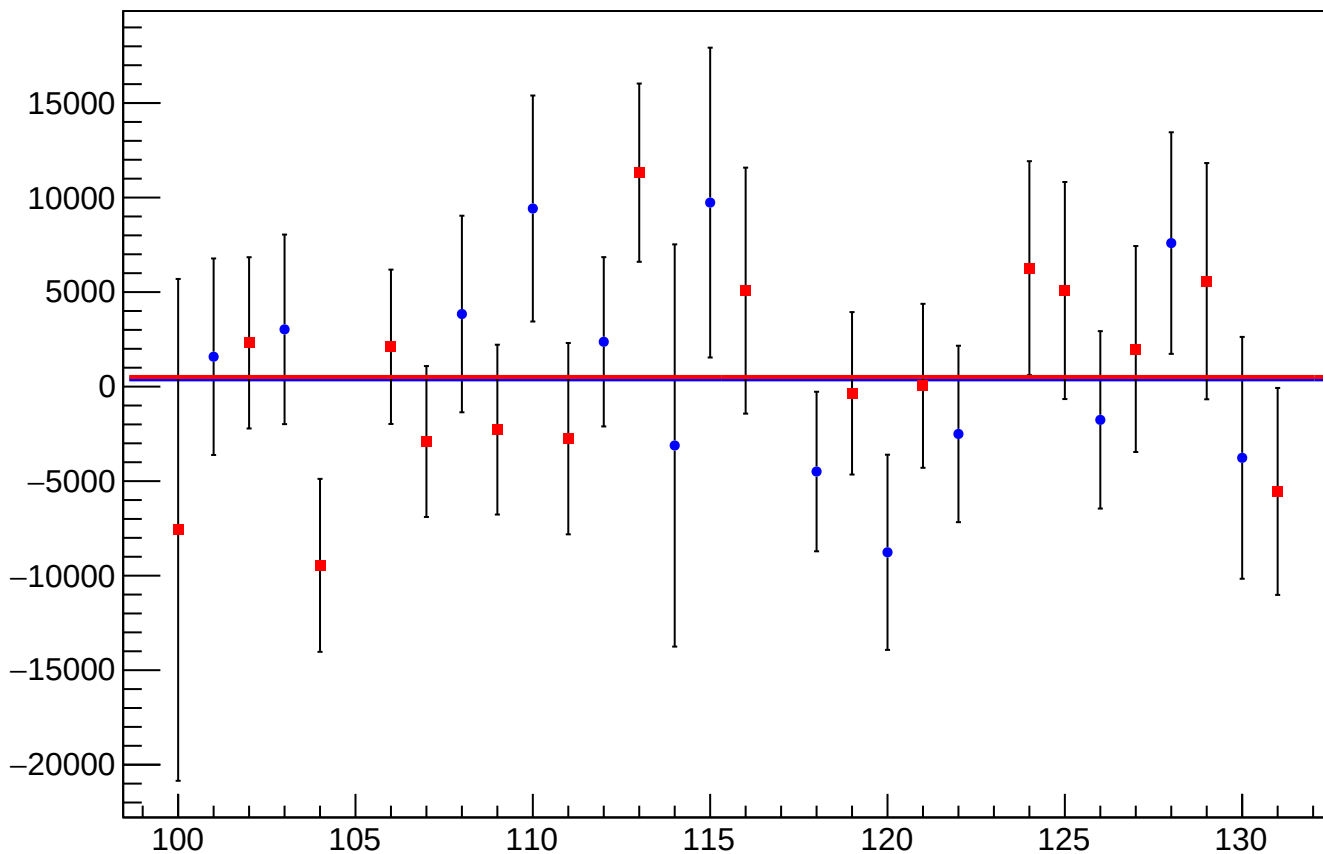
Right: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

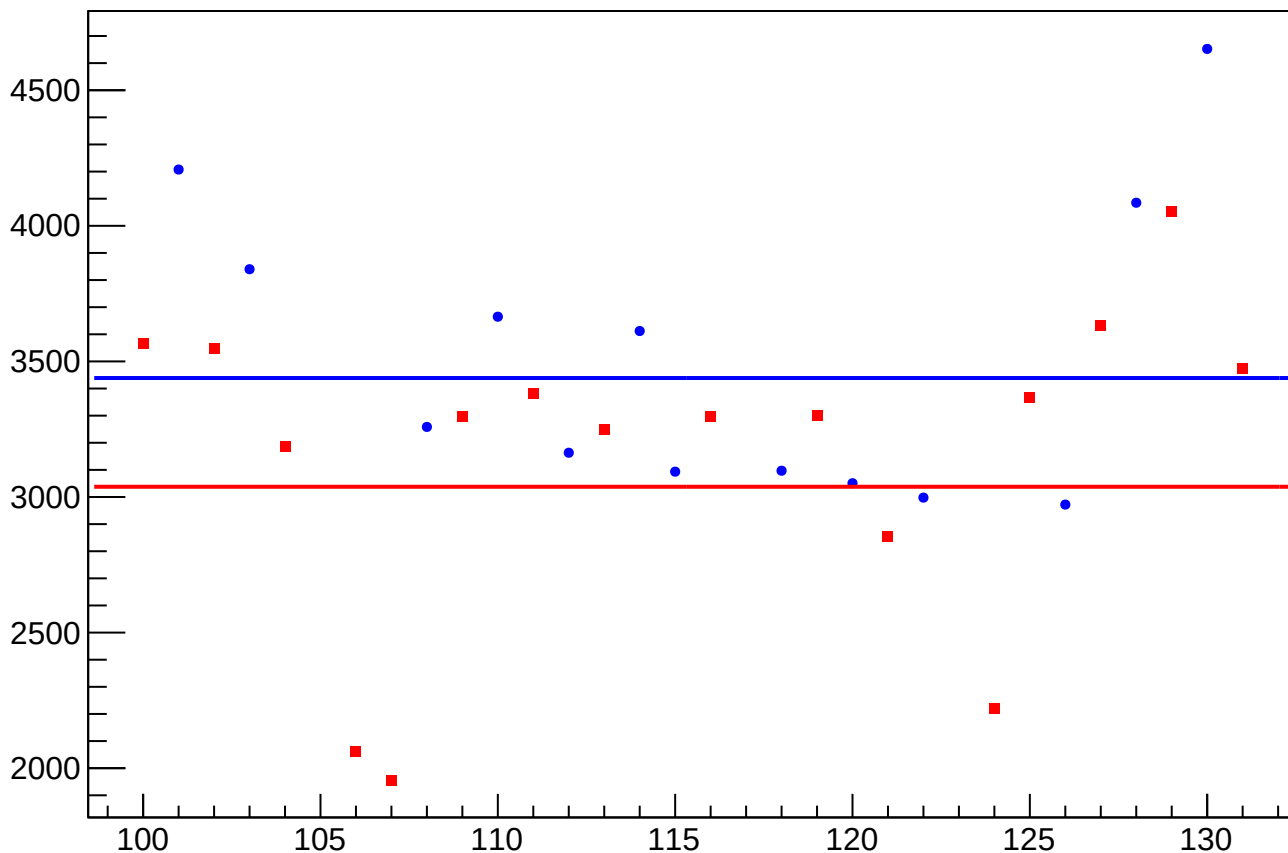
Right: 457.498+/-954.417 χ^2/NDF : 28.1/28

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.498+/-954.417 χ^2/NDF : 28.1/28

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

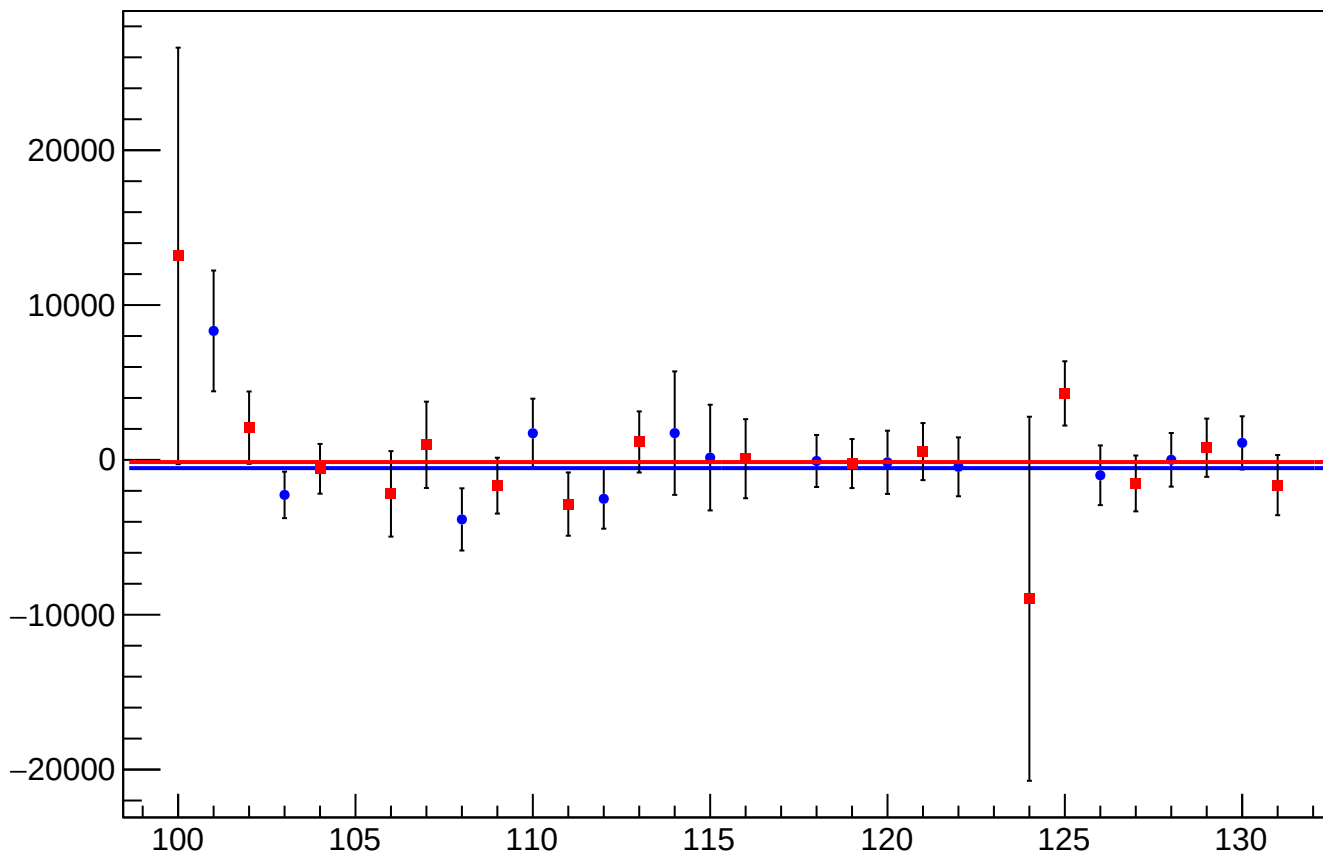
Right: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

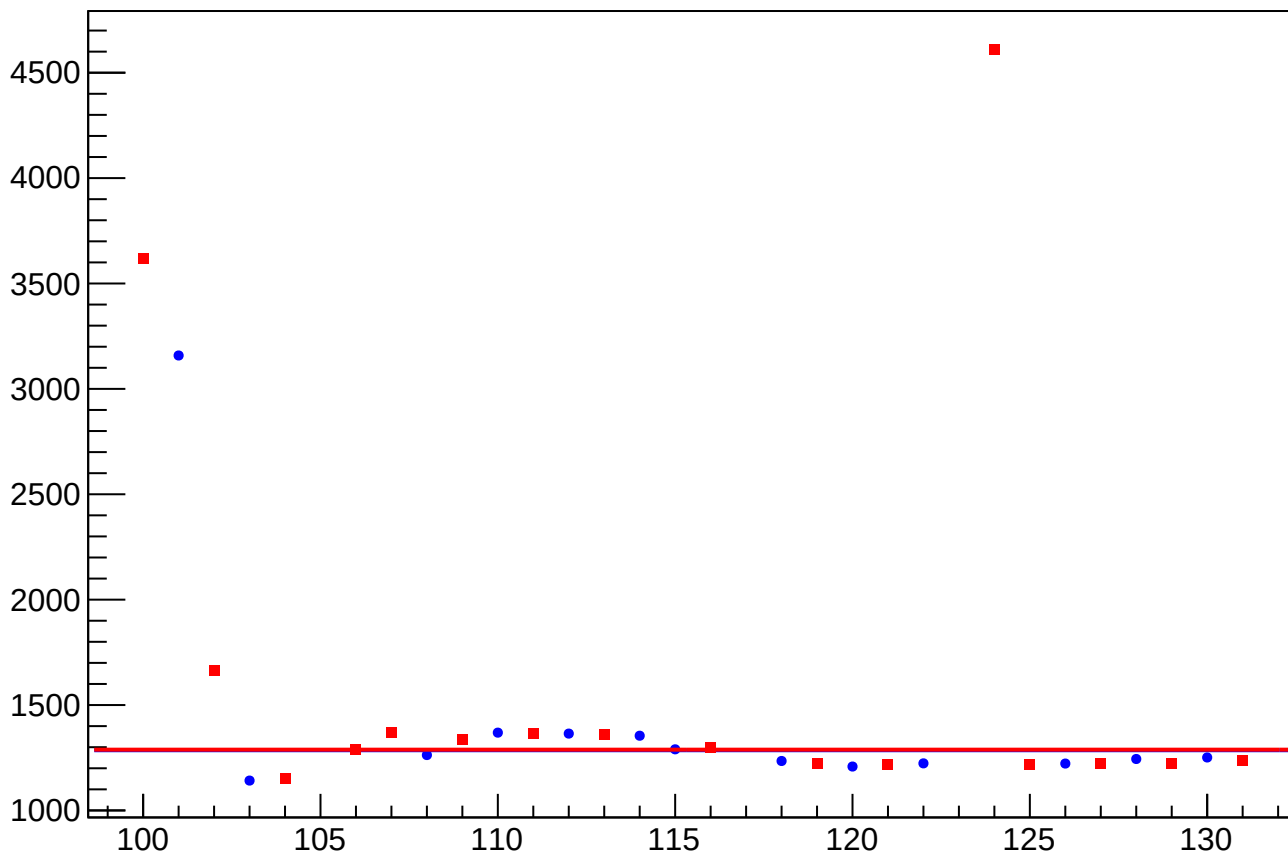
Right: -324.502+/-384.411 χ^2/NDF : 25.3/28

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.502+/-384.411 χ^2/NDF : 25.3/28

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

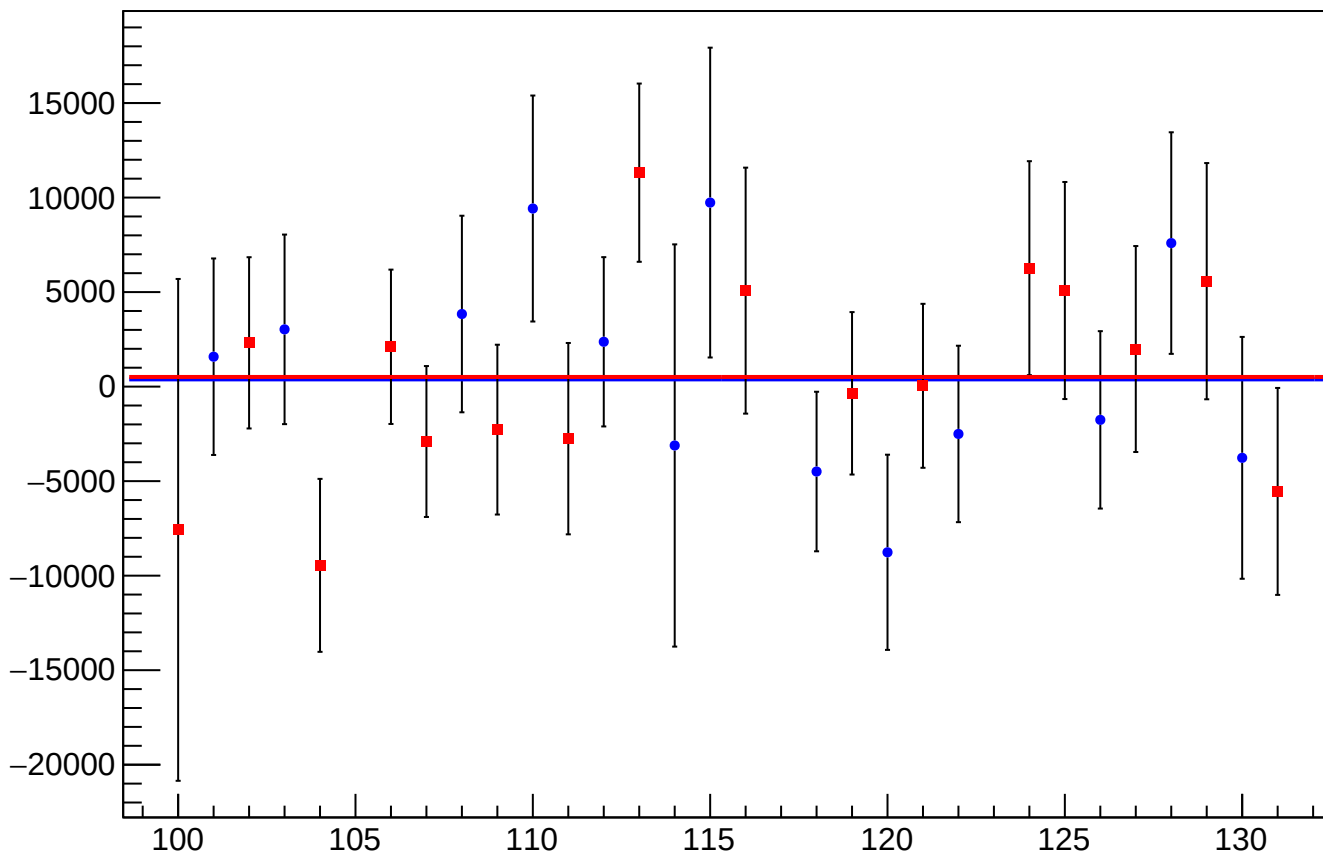
Right: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

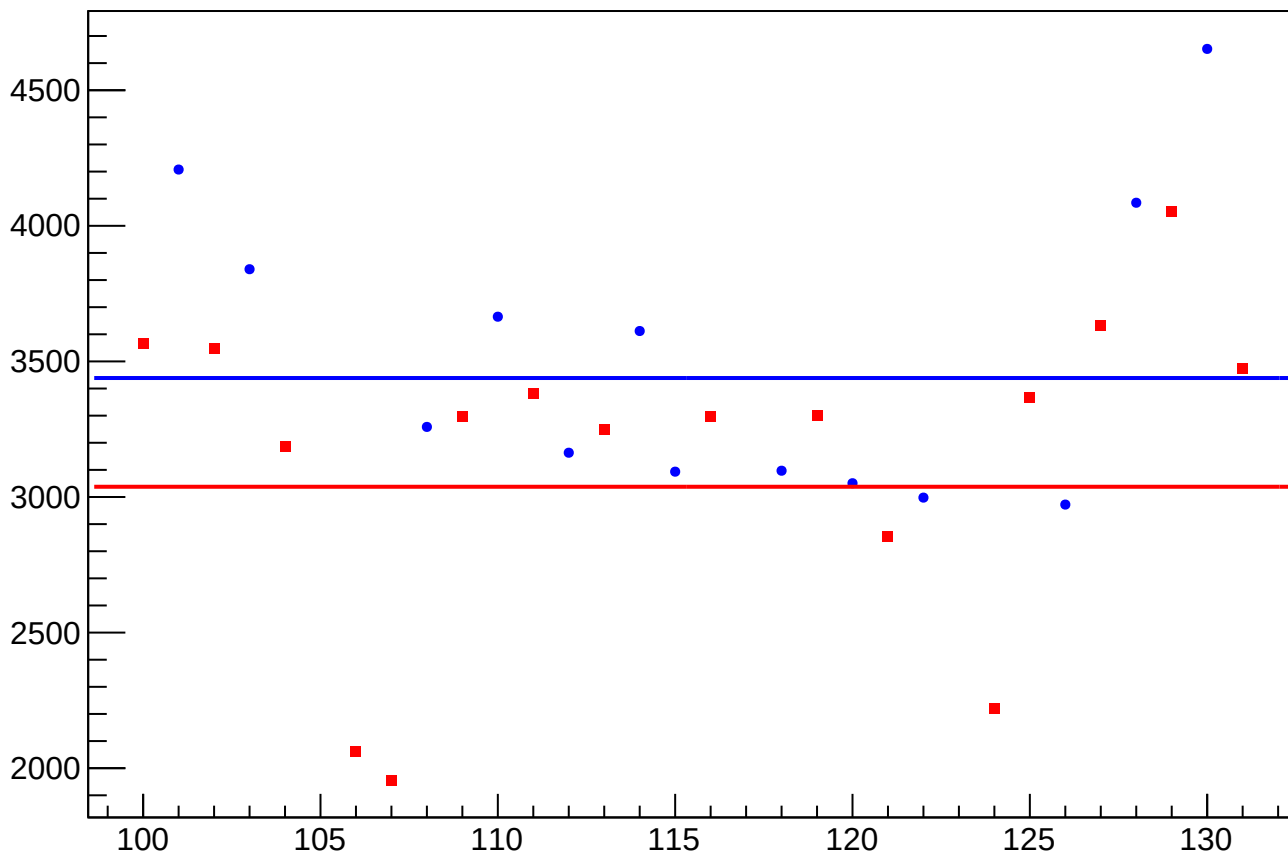
Right: 457.498+/-954.417 χ^2/NDF : 28.1/28

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.498+/-954.417 χ^2/NDF : 28.1/28

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

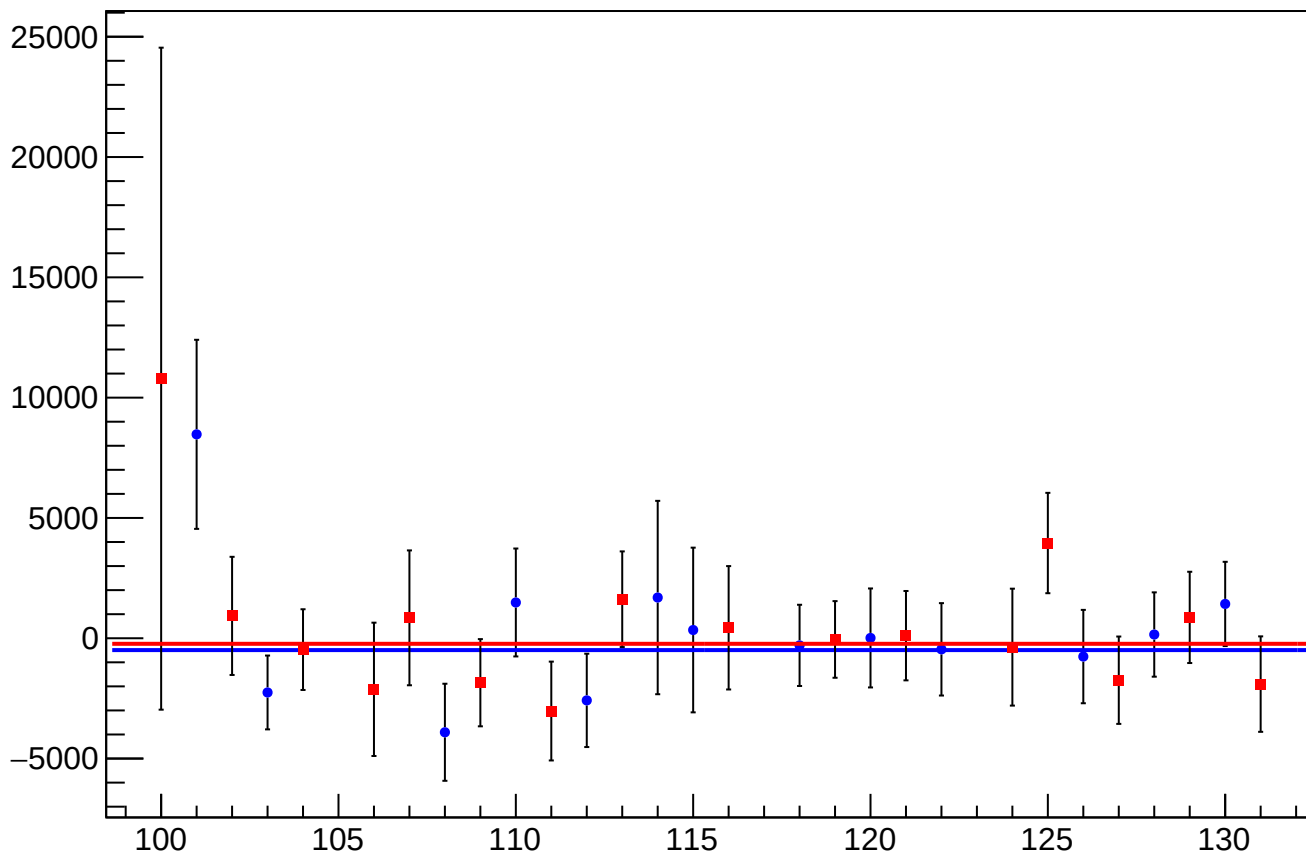
Right: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

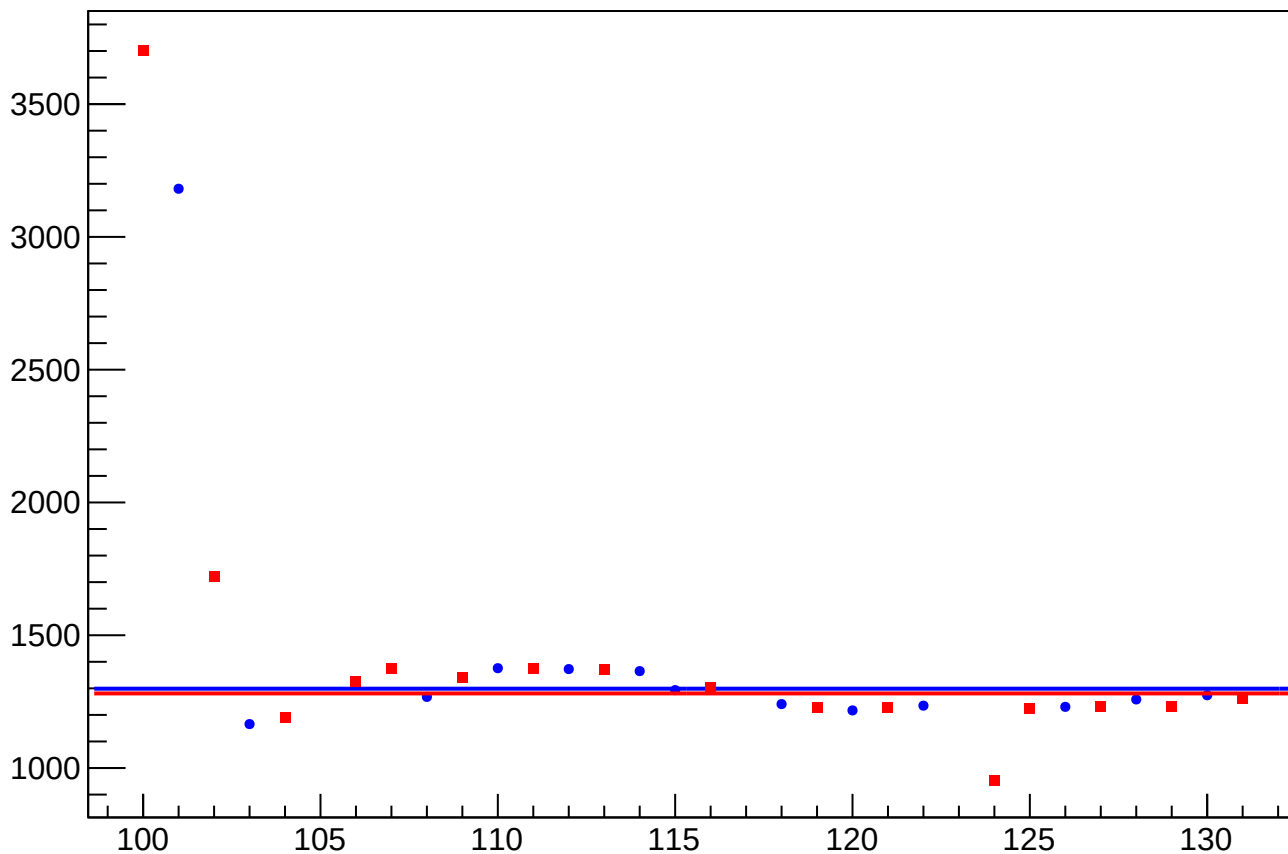
Right: -351.365+/-384.234 χ^2/NDF : 24.1/28

In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.365+/-384.234 χ^2/NDF : 24.1/28

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

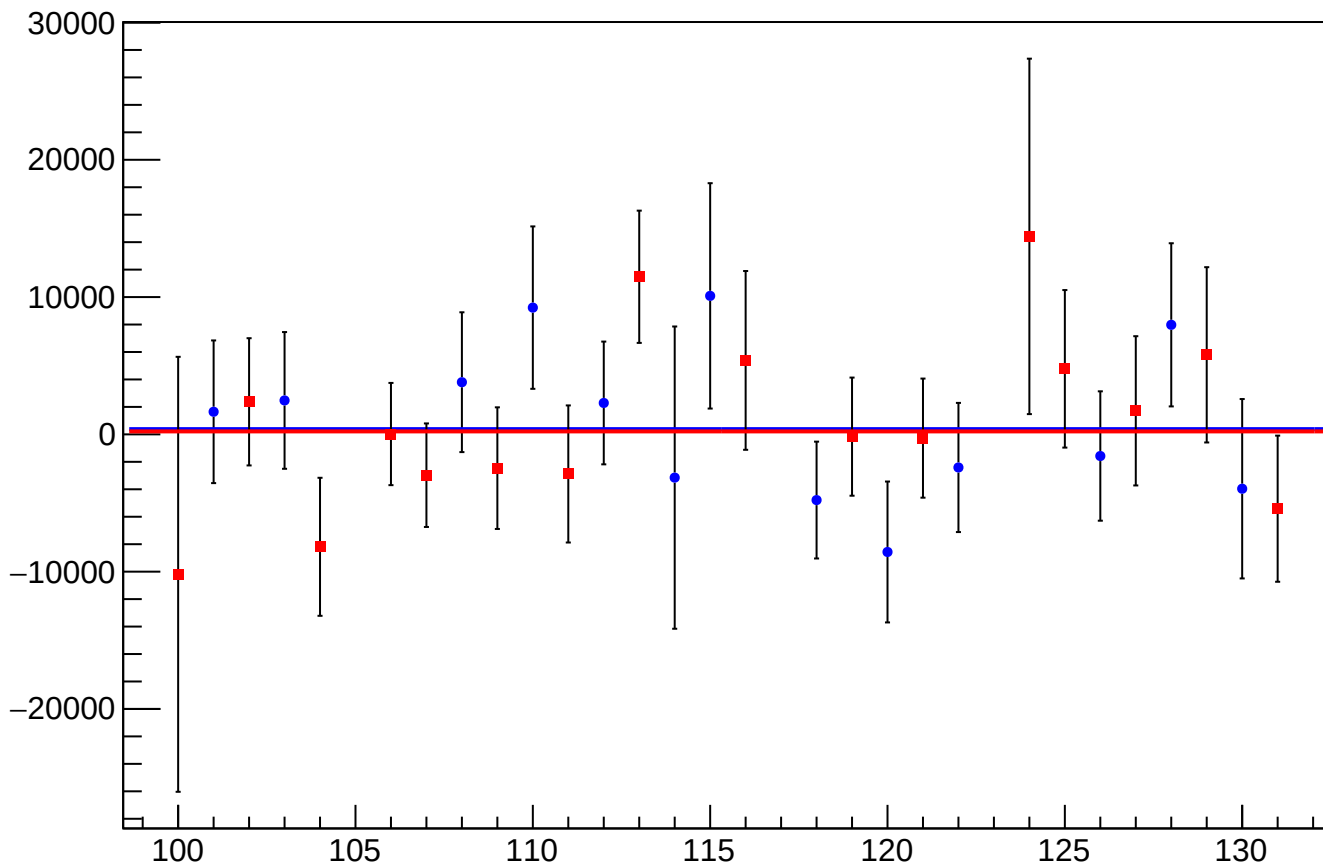
Right: 1289.129+/-0.272 χ^2/NDF : 683415.5/28

In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.5/28

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

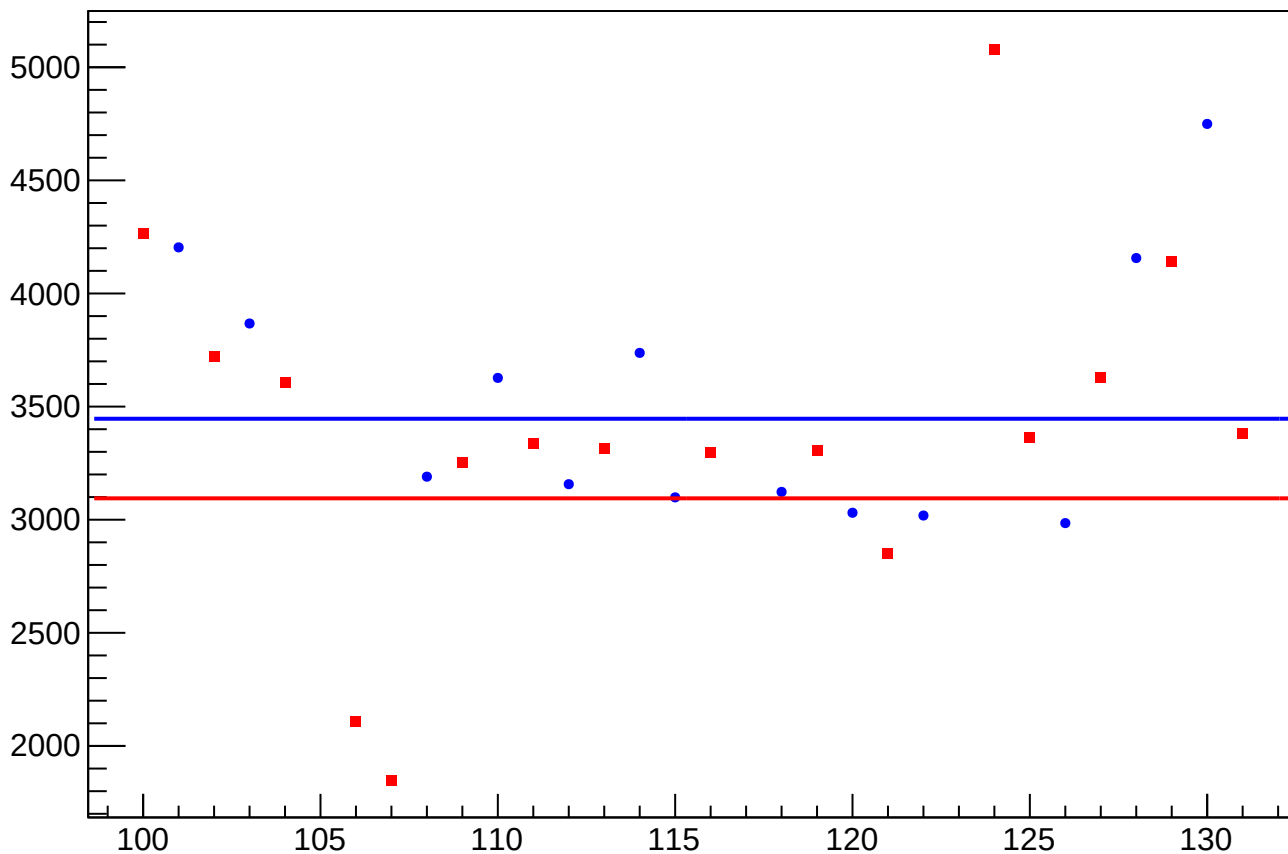
Right: 285.466 $\pm$ 962.095 χ^2 /NDF: 26.6/28

In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 285.466 $\pm$ 962.095 χ^2 /NDF: 26.6/28

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.286+/-1.051 χ^2/NDF : 245591.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3094.468+/-0.893 χ^2/NDF : 581713.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

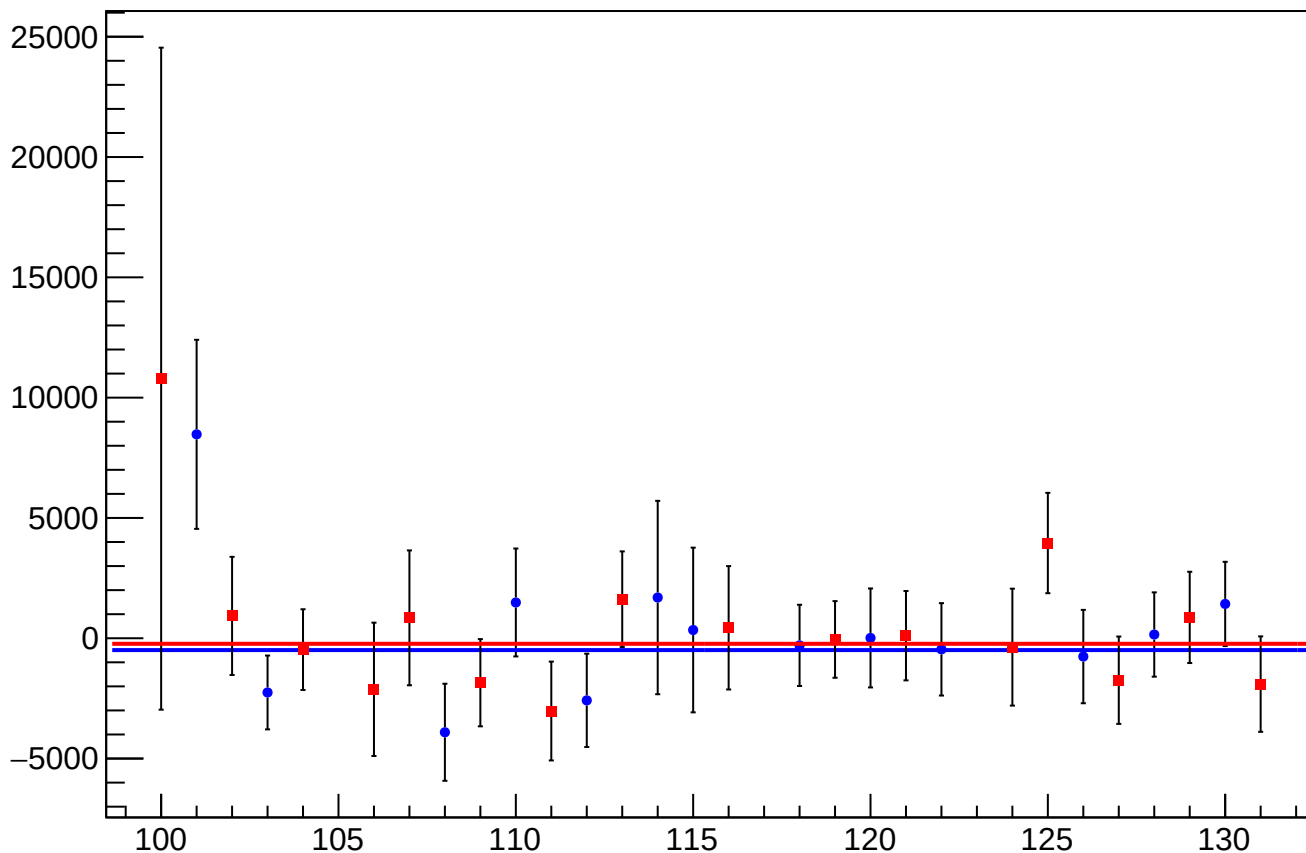
Right: 3241.921+/-0.680 χ^2/NDF : 892416.5/28

In: 3446.286+/-1.051 χ^2/NDF :245591.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3241.921+/-0.680 χ^2/NDF : 892416.5/28

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.778+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

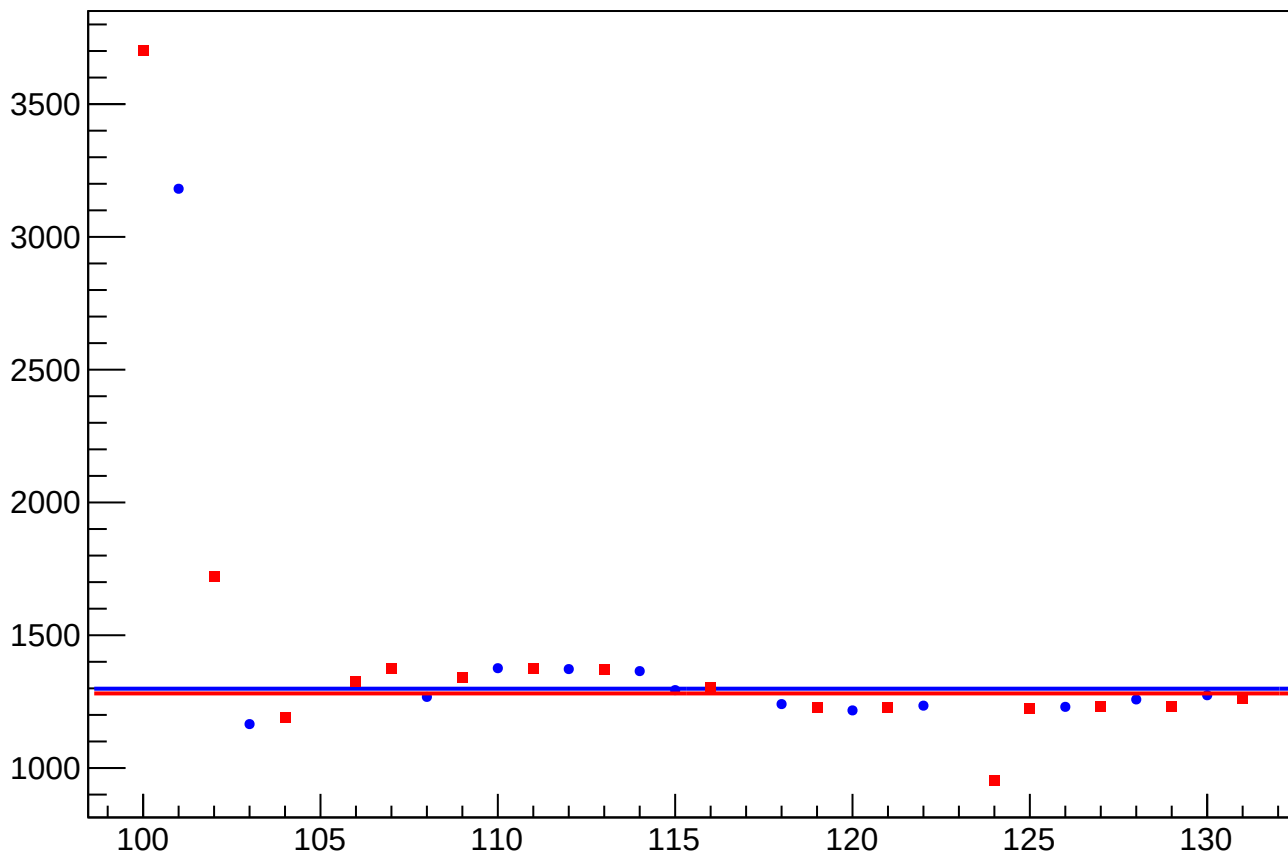
Right: -351.370+/-384.234 χ^2/NDF : 24.1/28

In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.370+/-384.234 χ^2/NDF : 24.1/28

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

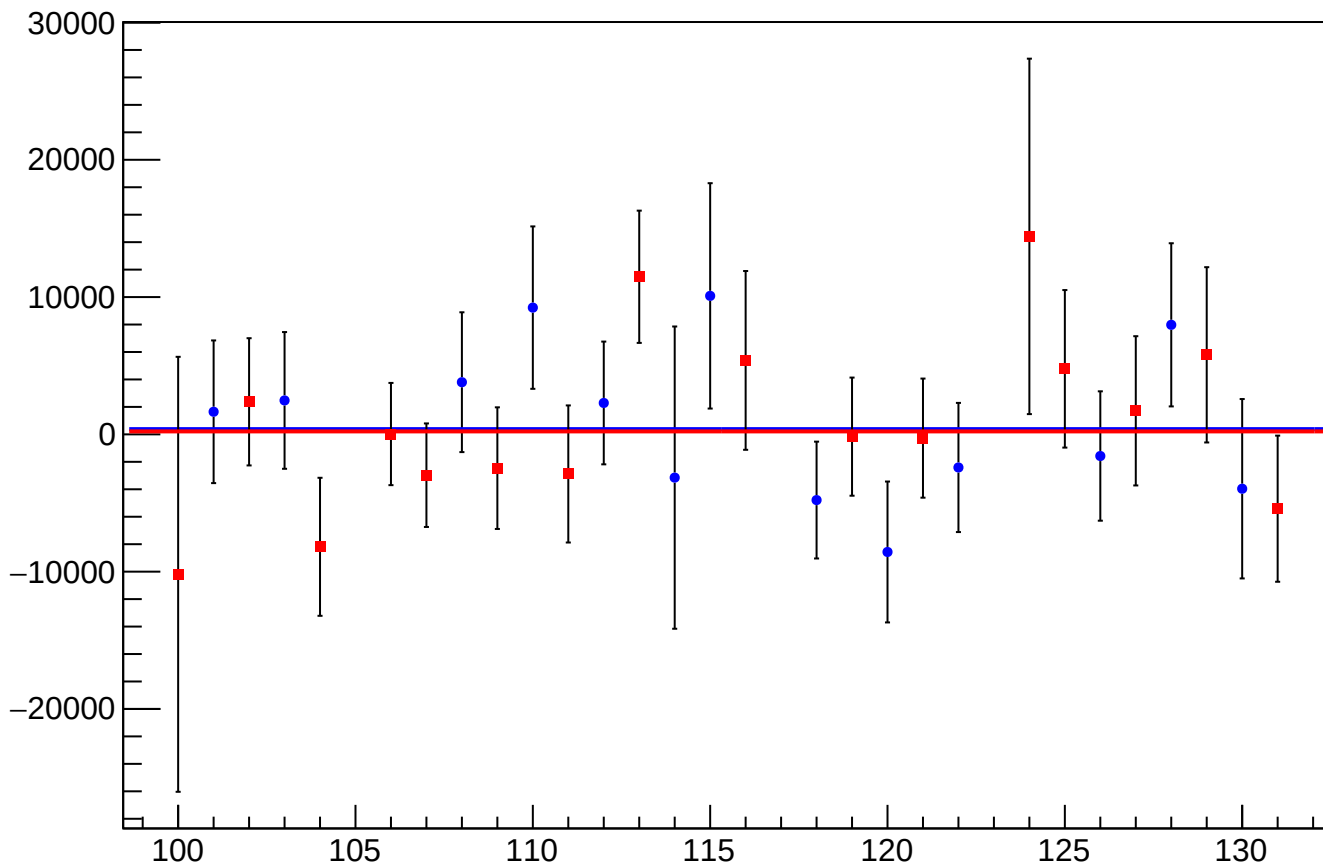
Right: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.030+/-1262.329 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

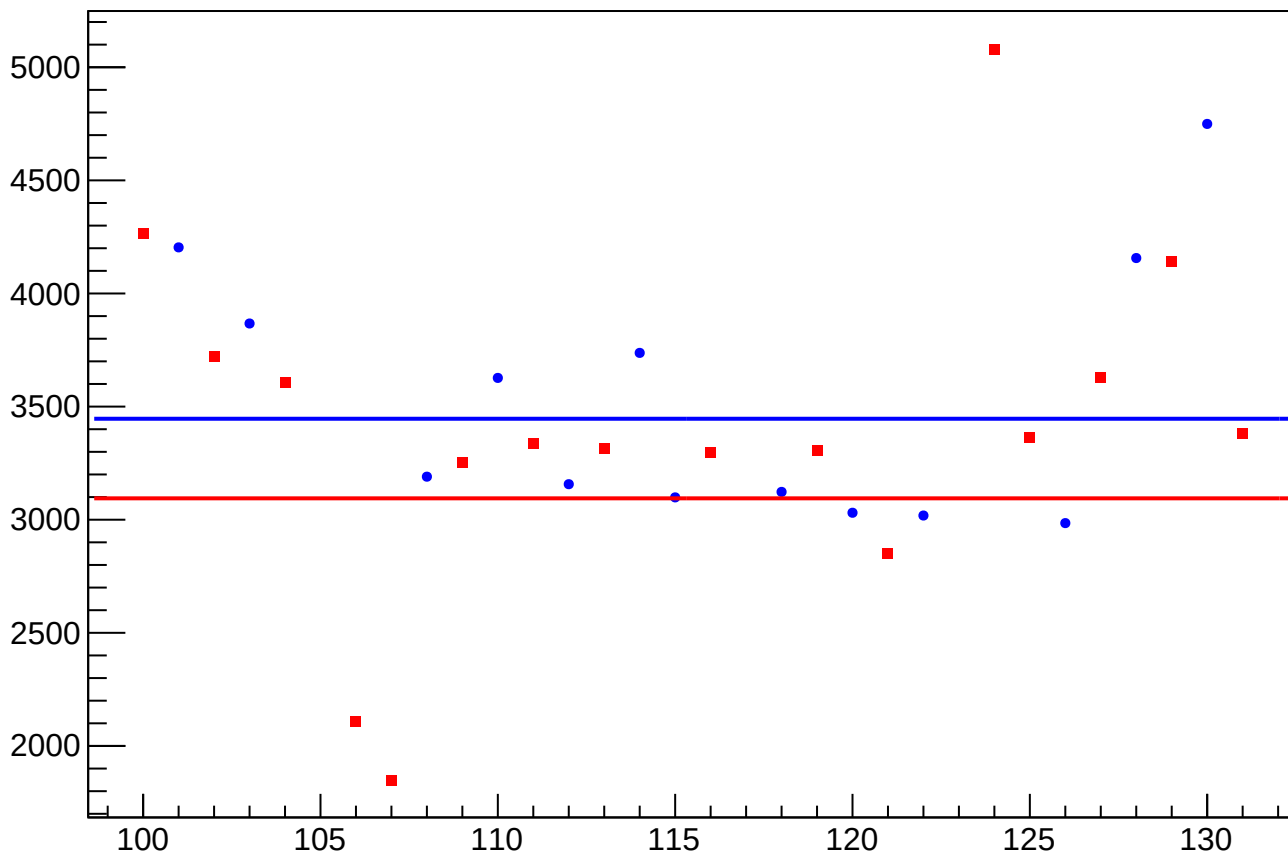
Right: 285.461+/-962.092 χ^2/NDF : 26.6/28

In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.461+/-962.092 χ^2/NDF : 26.6/28

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

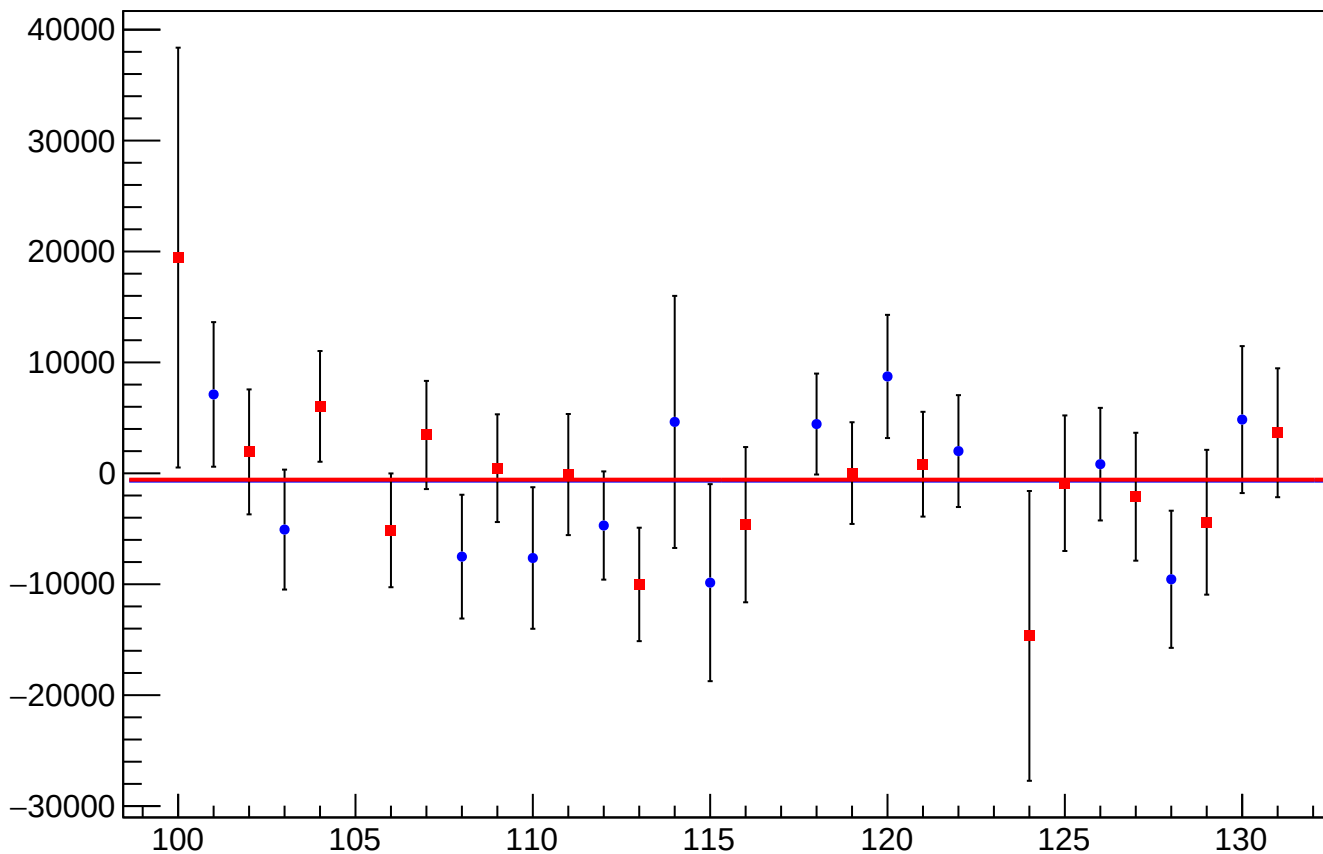
Right: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.204+/-1418.084 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

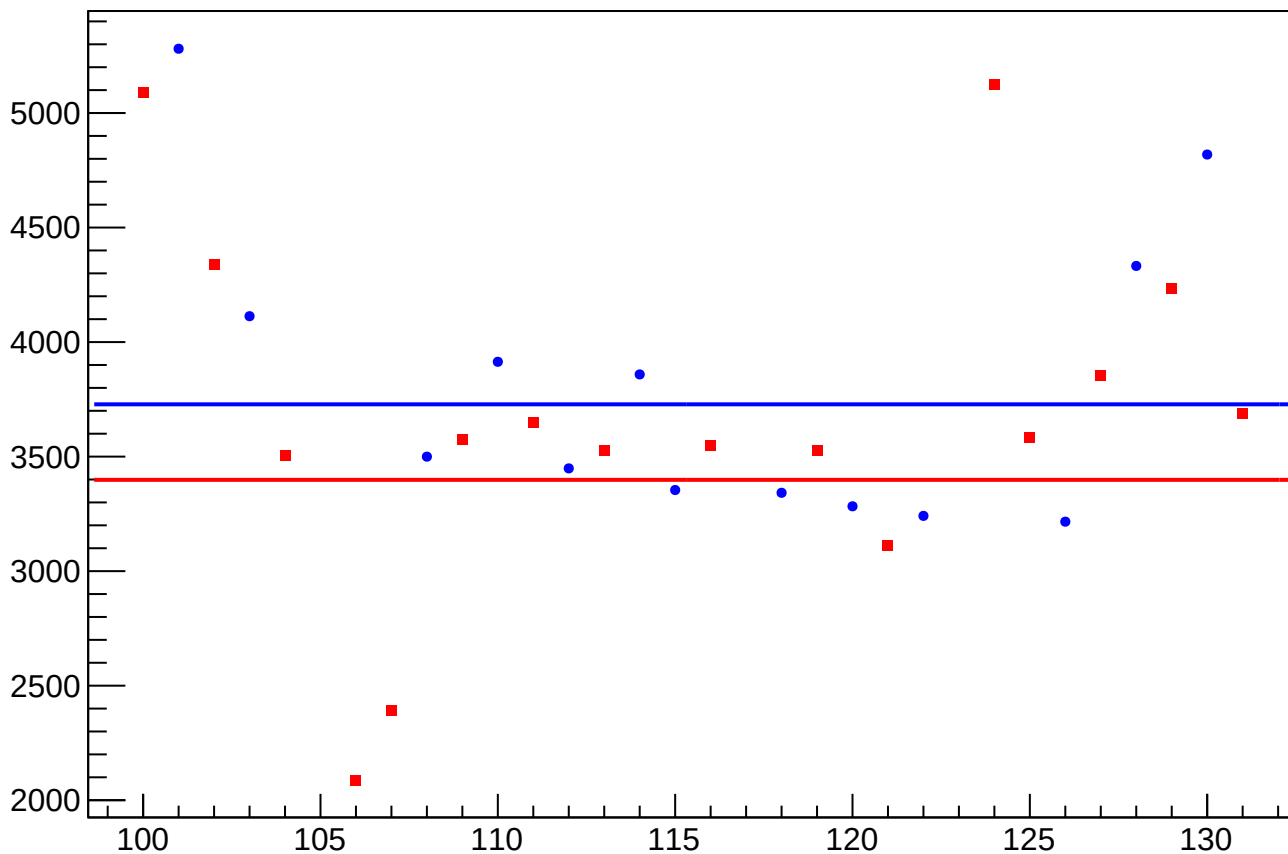
Right: -608.956+/-1064.855 χ^2/NDF : 24.6/28

In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.956+/-1064.855 χ^2/NDF : 24.6/28

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

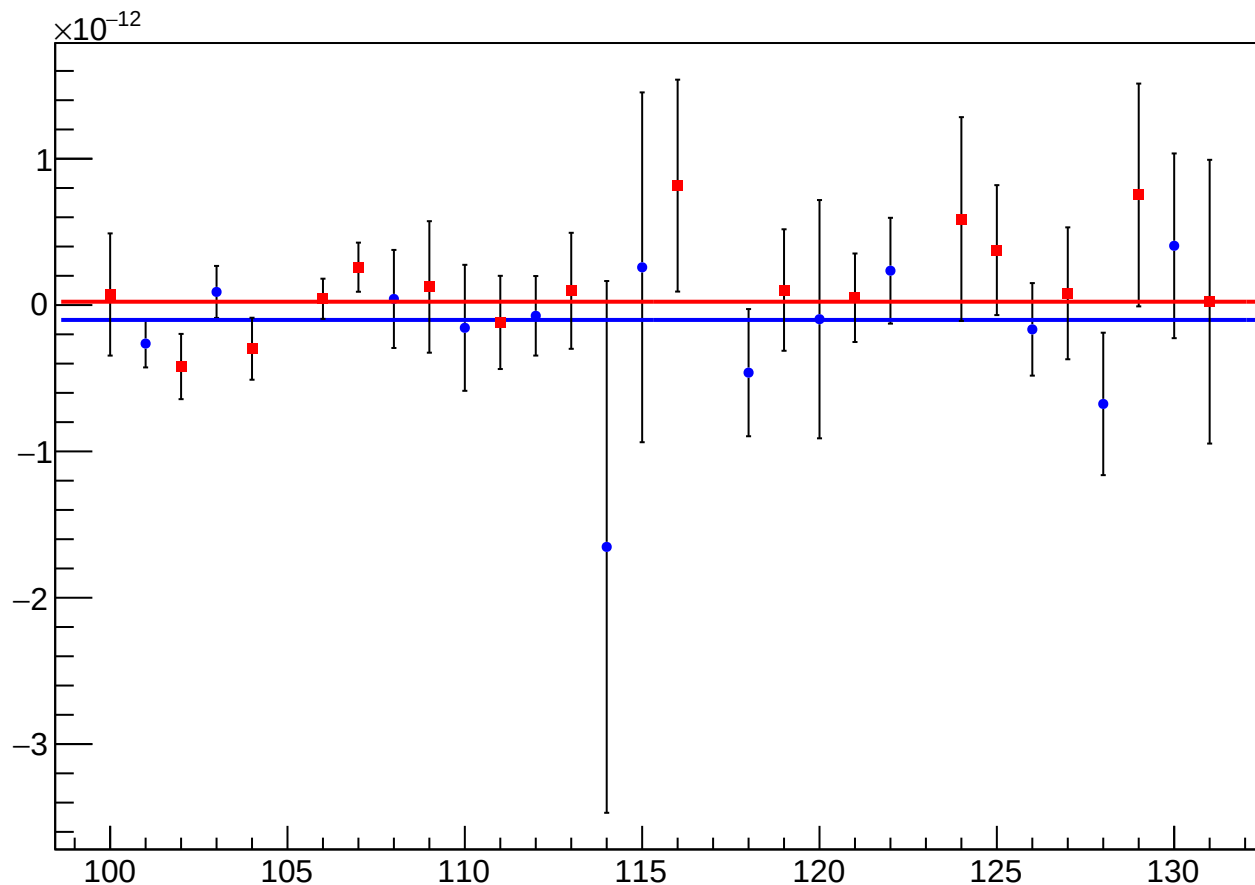
Right: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

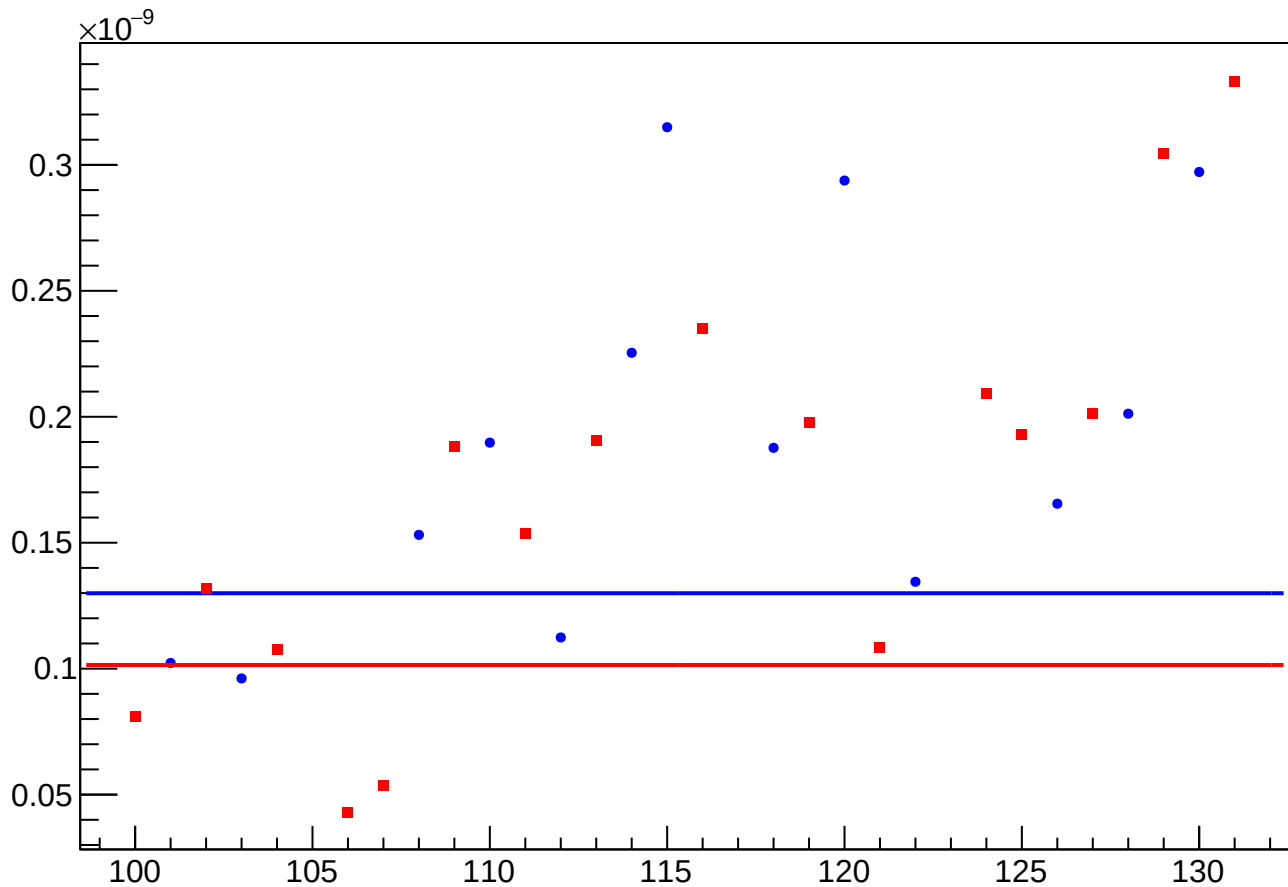
Right: -0.000+/-0.000 χ^2 /NDF: 20.0/28

In: -0.000+/-0.000 χ^2 /NDF:6.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/28

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

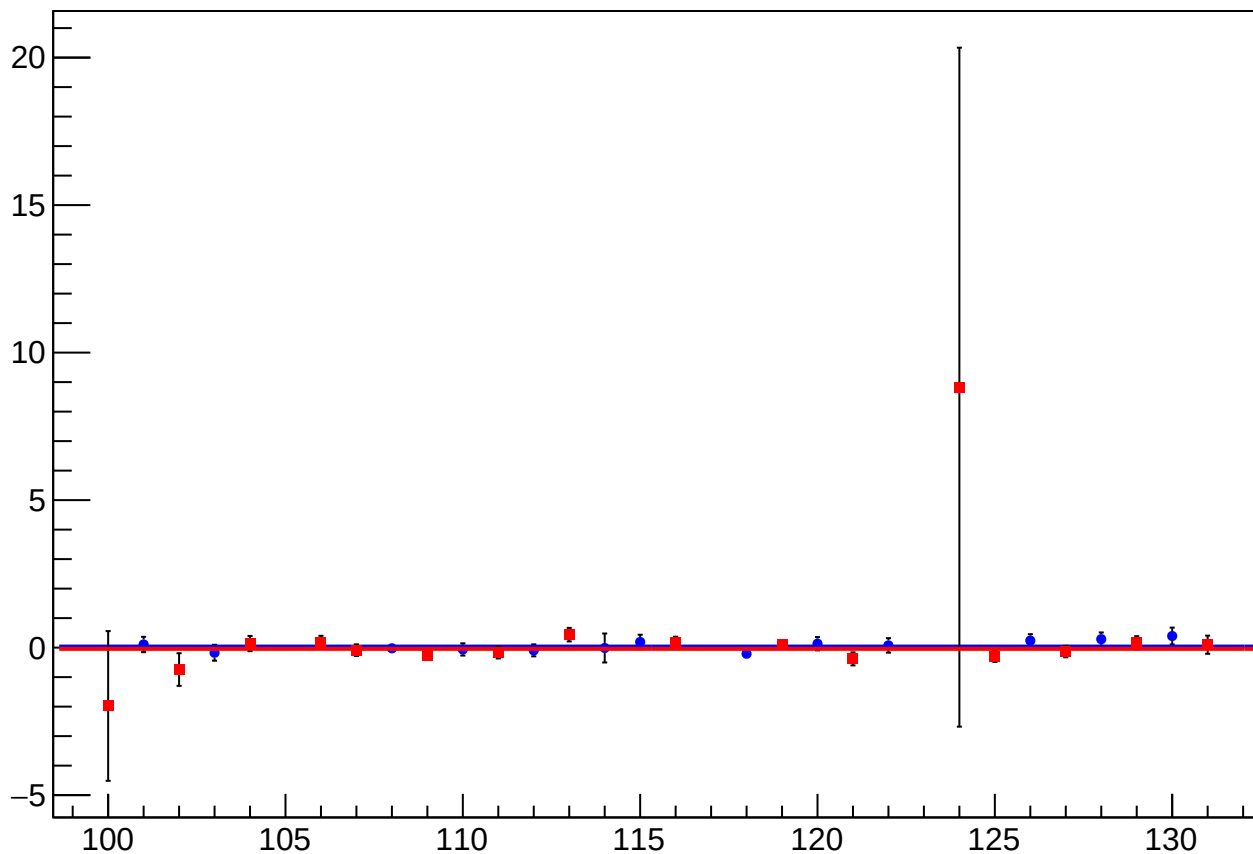
Right: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

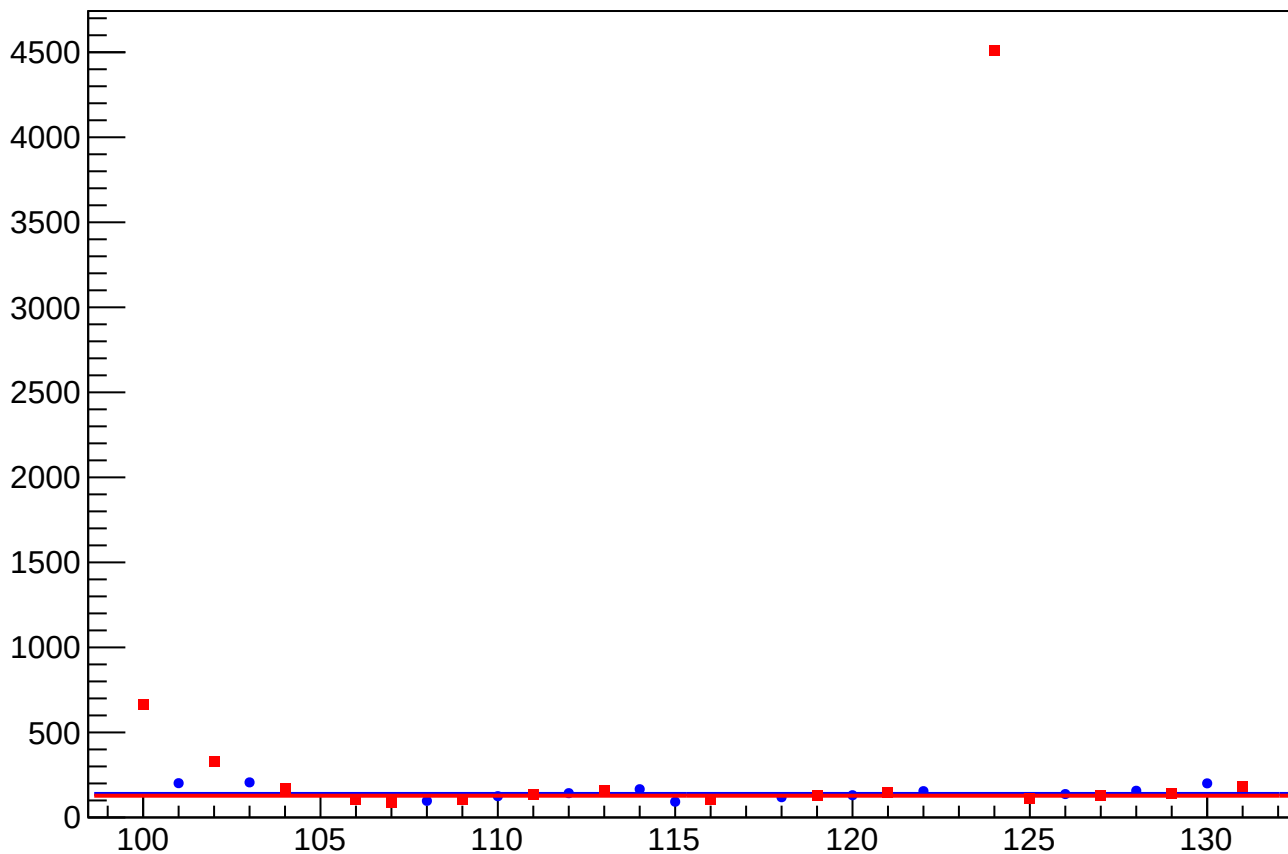
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

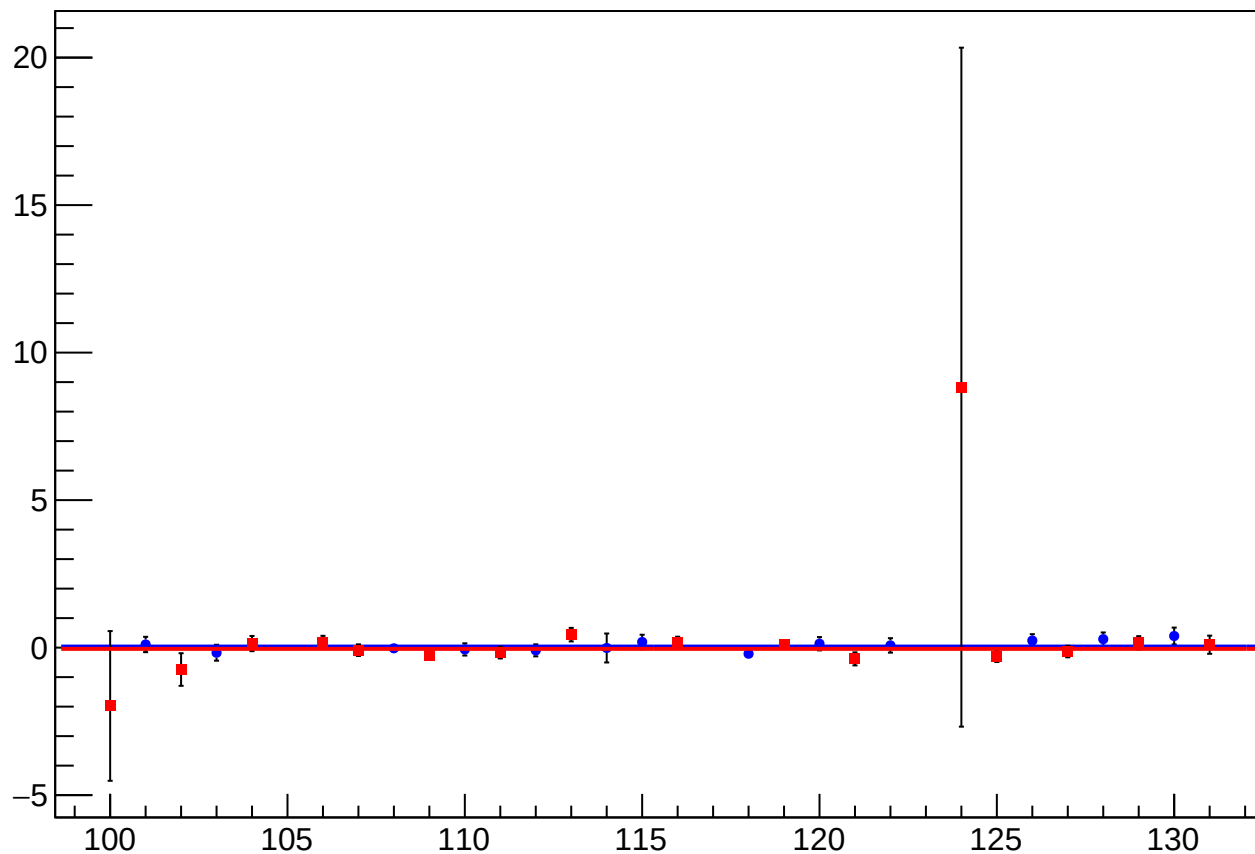
Right: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

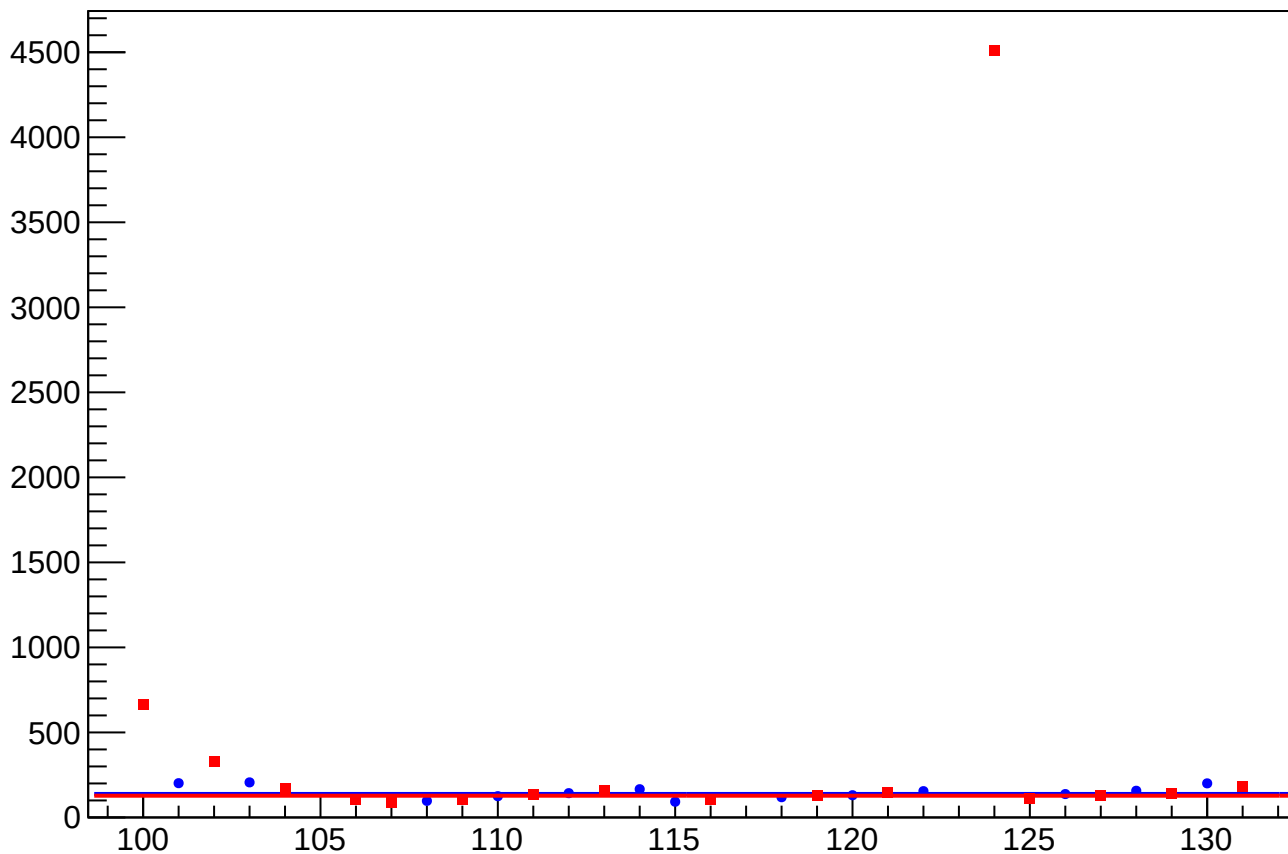
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

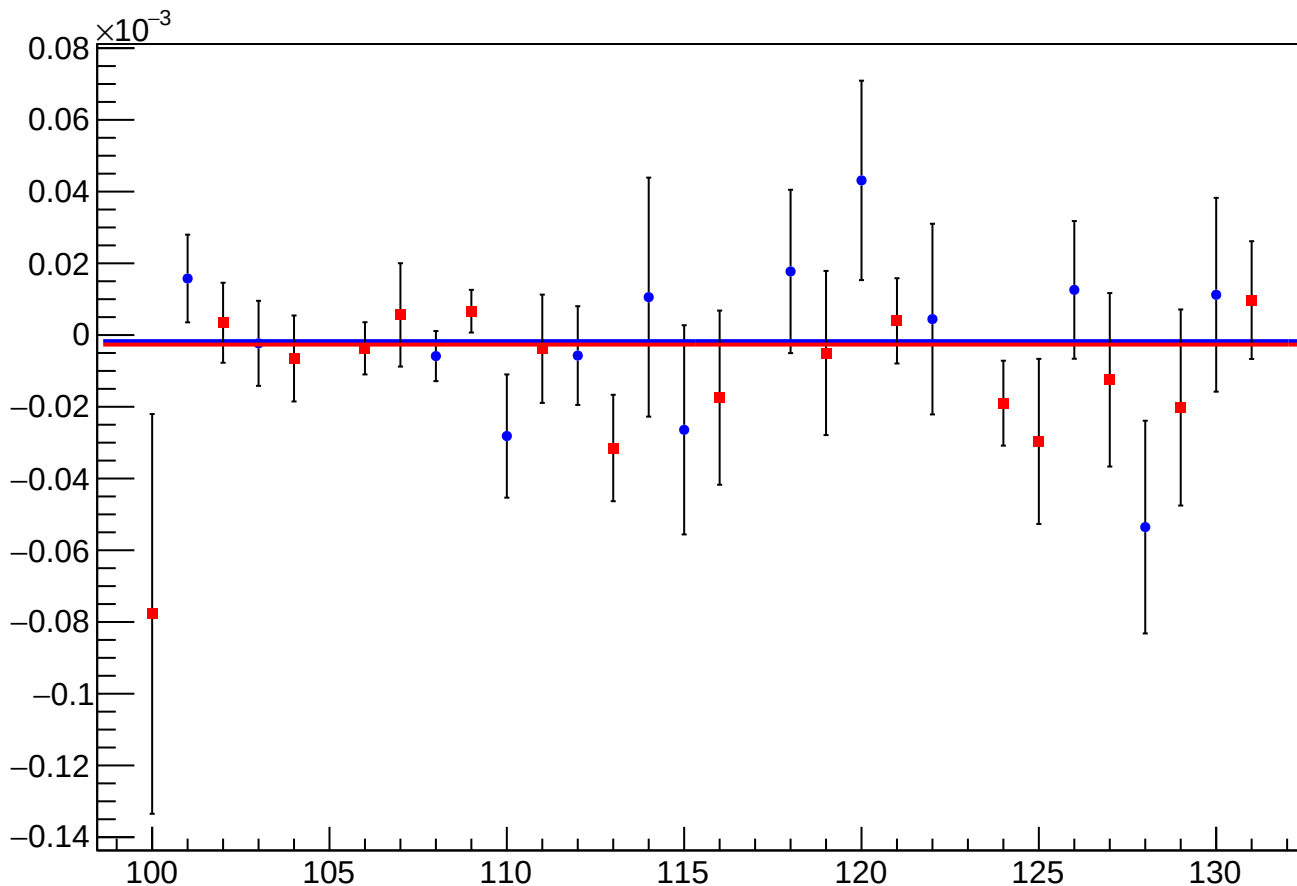
Right: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

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 : 12.9/12

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

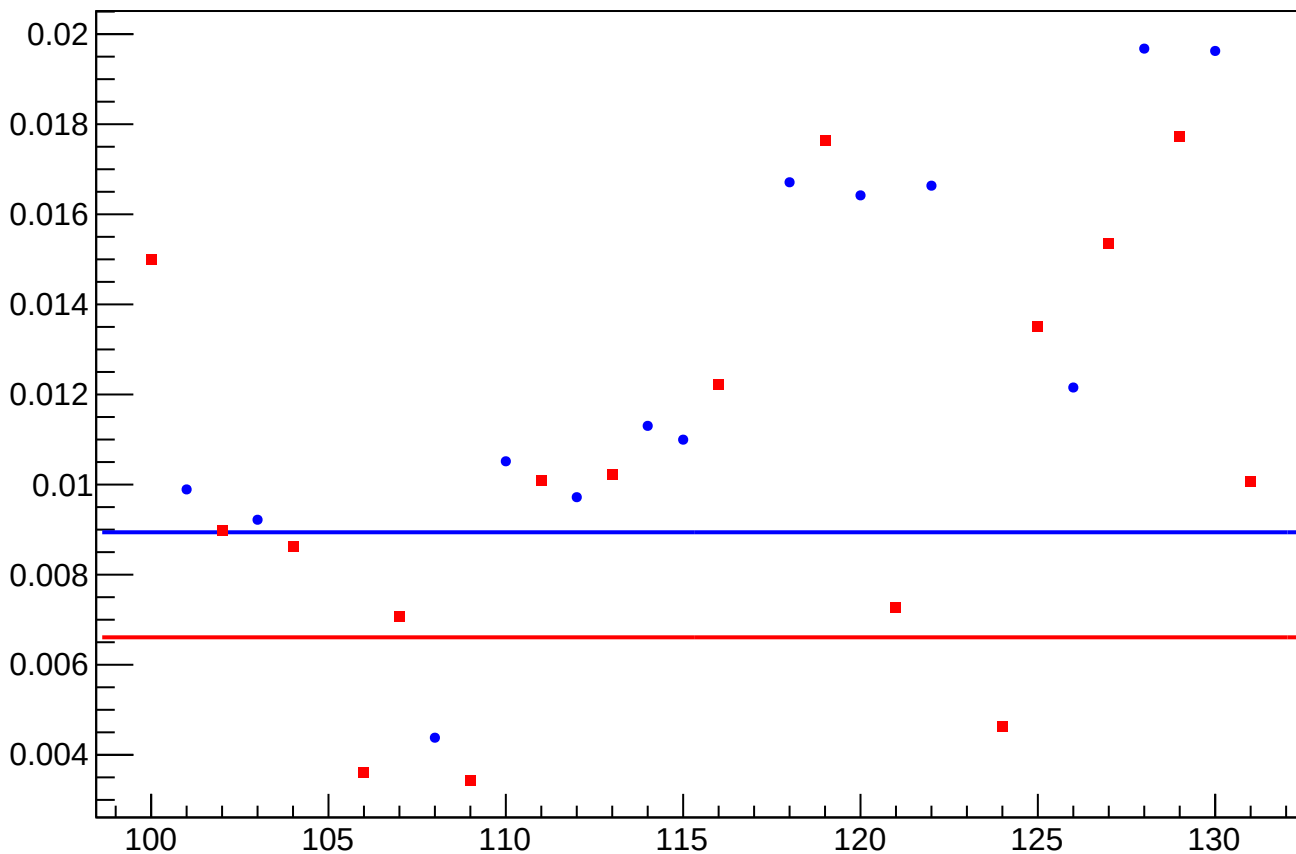
Right: -0.000+/-0.000 χ^2/NDF : 26.9/28

In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.9/28

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

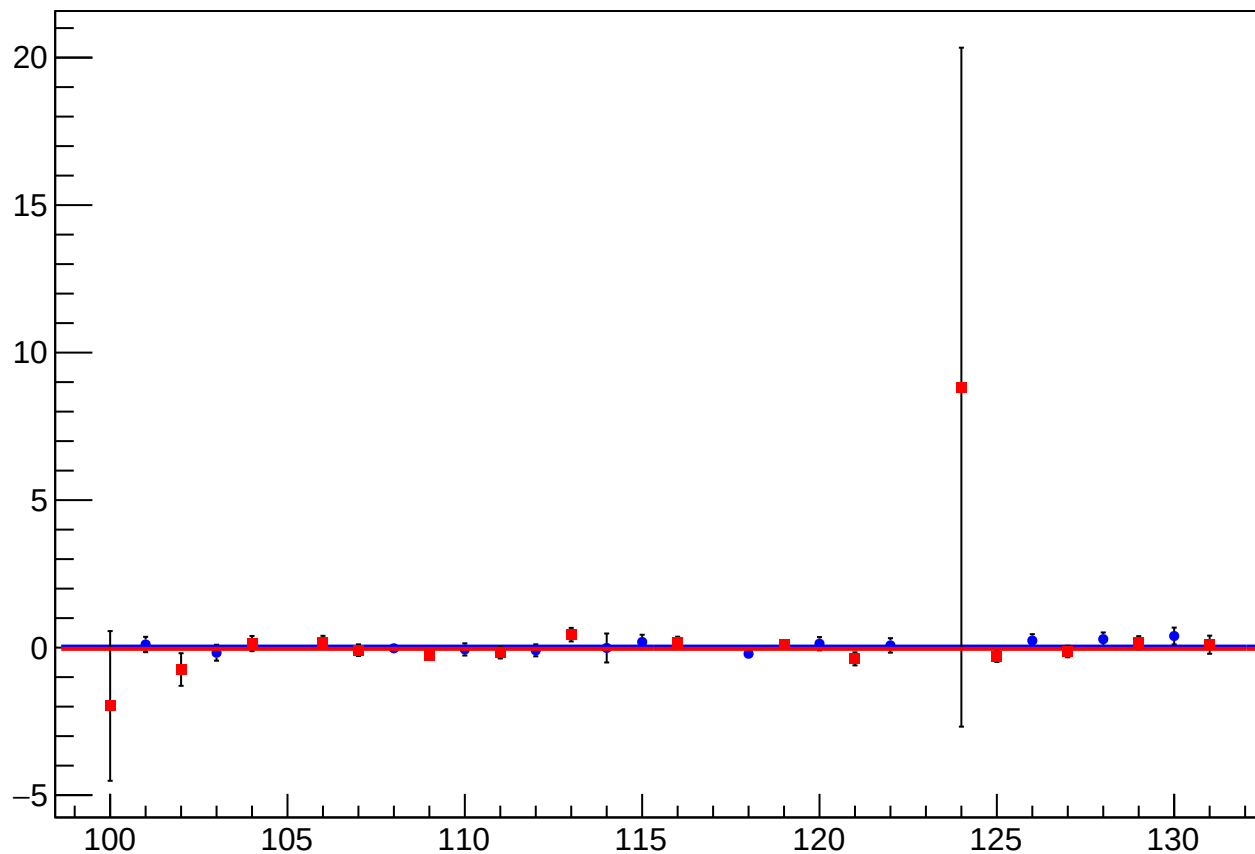
Right: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

In: 0.009+/-0.000 χ^2/NDF :2085354.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 ± 0.062 χ^2/NDF : 7.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 ± 0.056 χ^2/NDF : 18.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

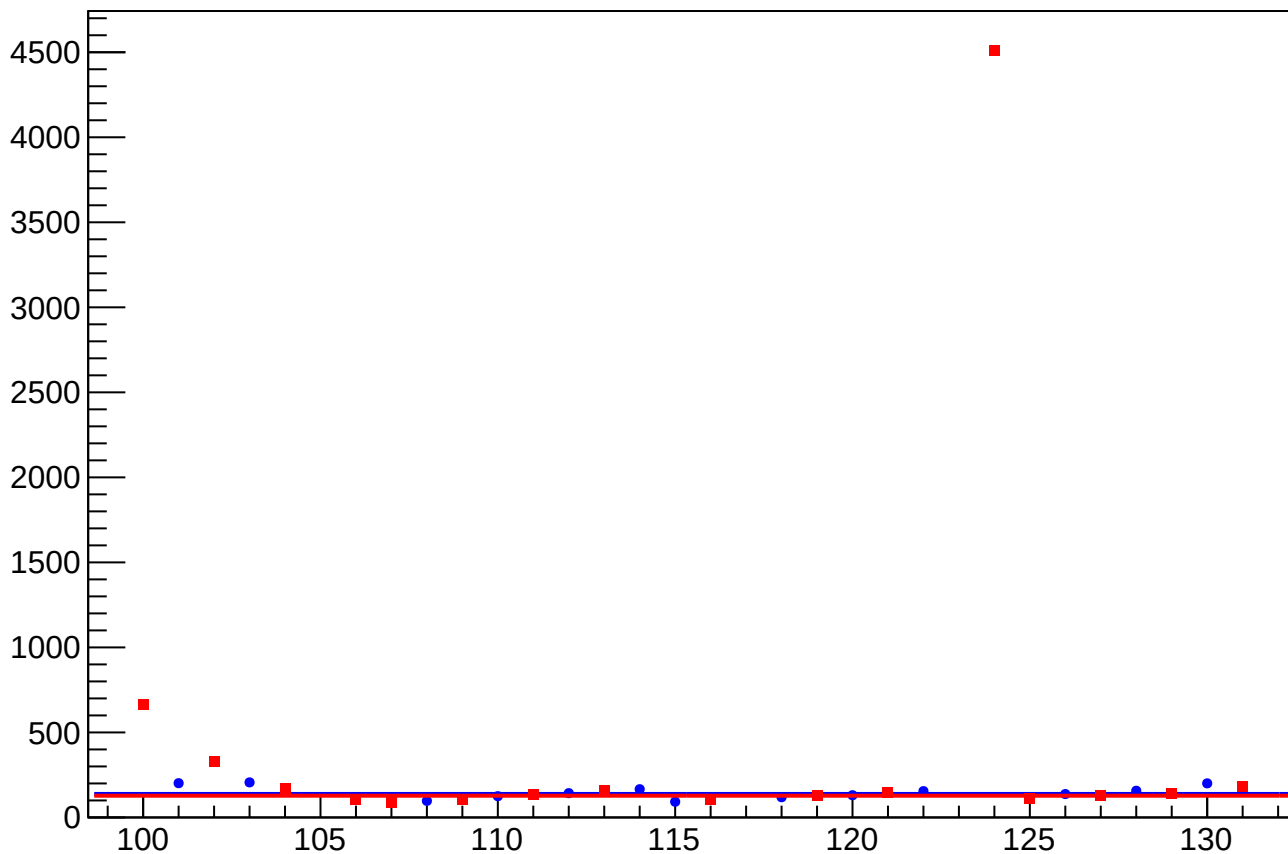
Right: -0.007 ± 0.042 χ^2/NDF : 27.0/28

In: 0.035 ± 0.062 χ^2/NDF : 7.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.042 χ^2/NDF : 27.0/28

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

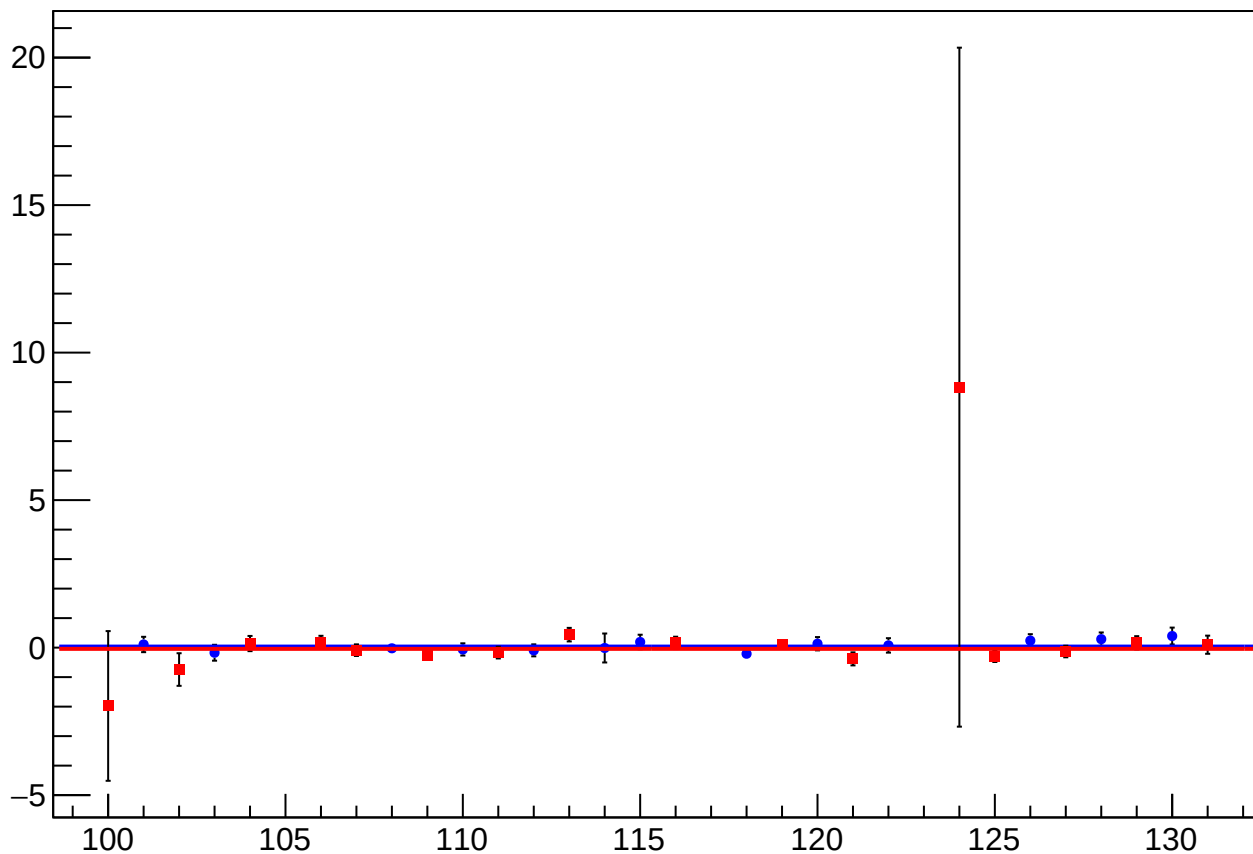
Right: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

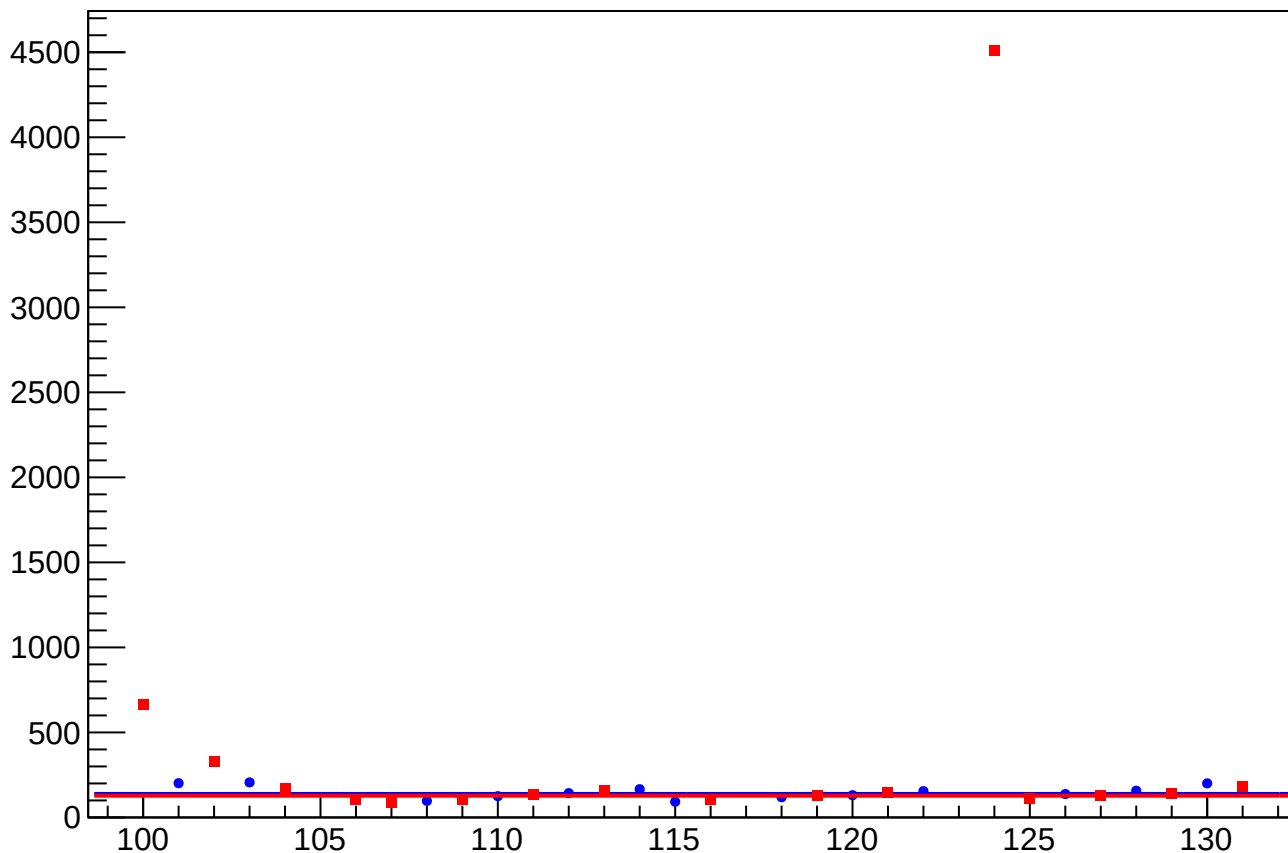
Right: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

In: 0.035 $\pm$ 0.062 χ^2 /NDF:7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

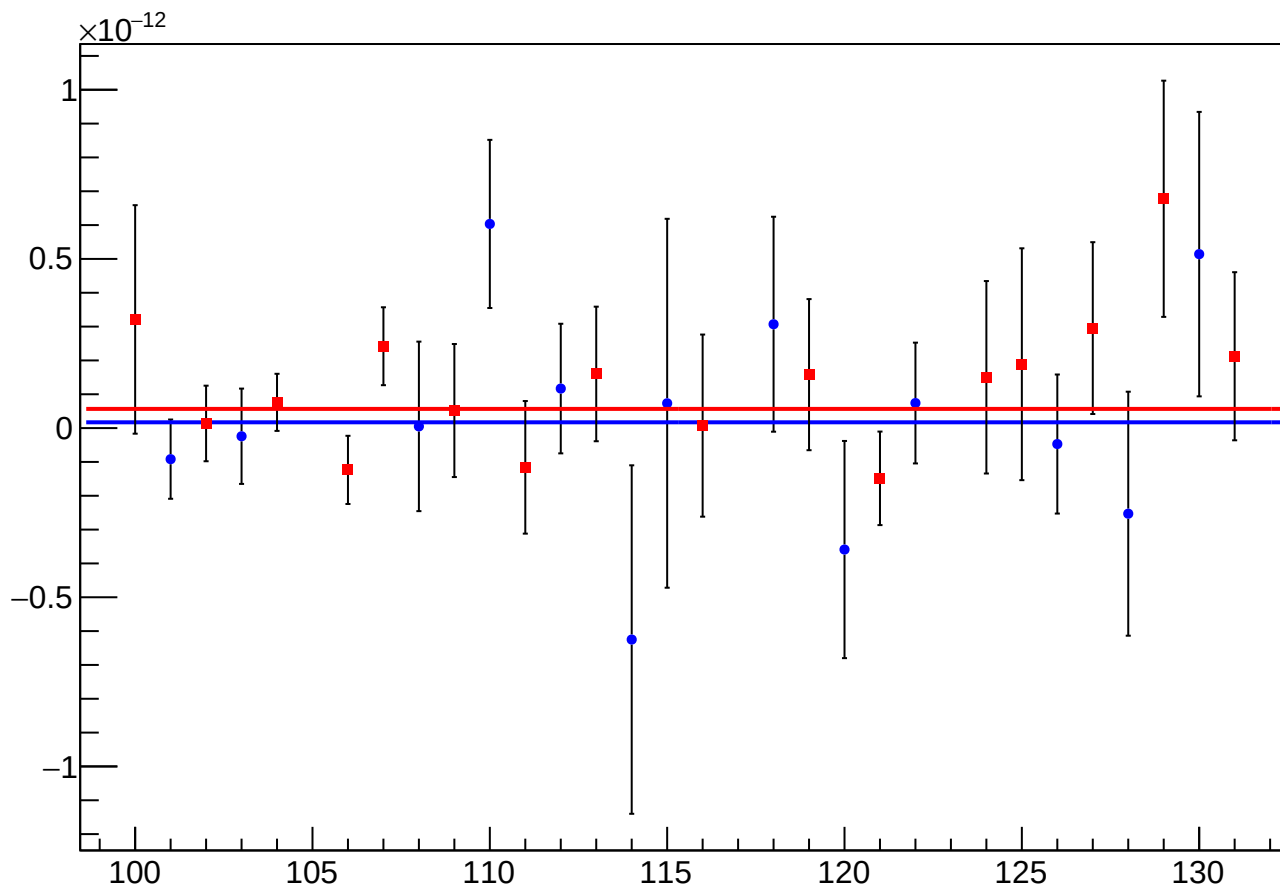
Right: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

In: 138.180+/-0.044 χ^2/NDF :607359.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

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 : 12.7/12

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

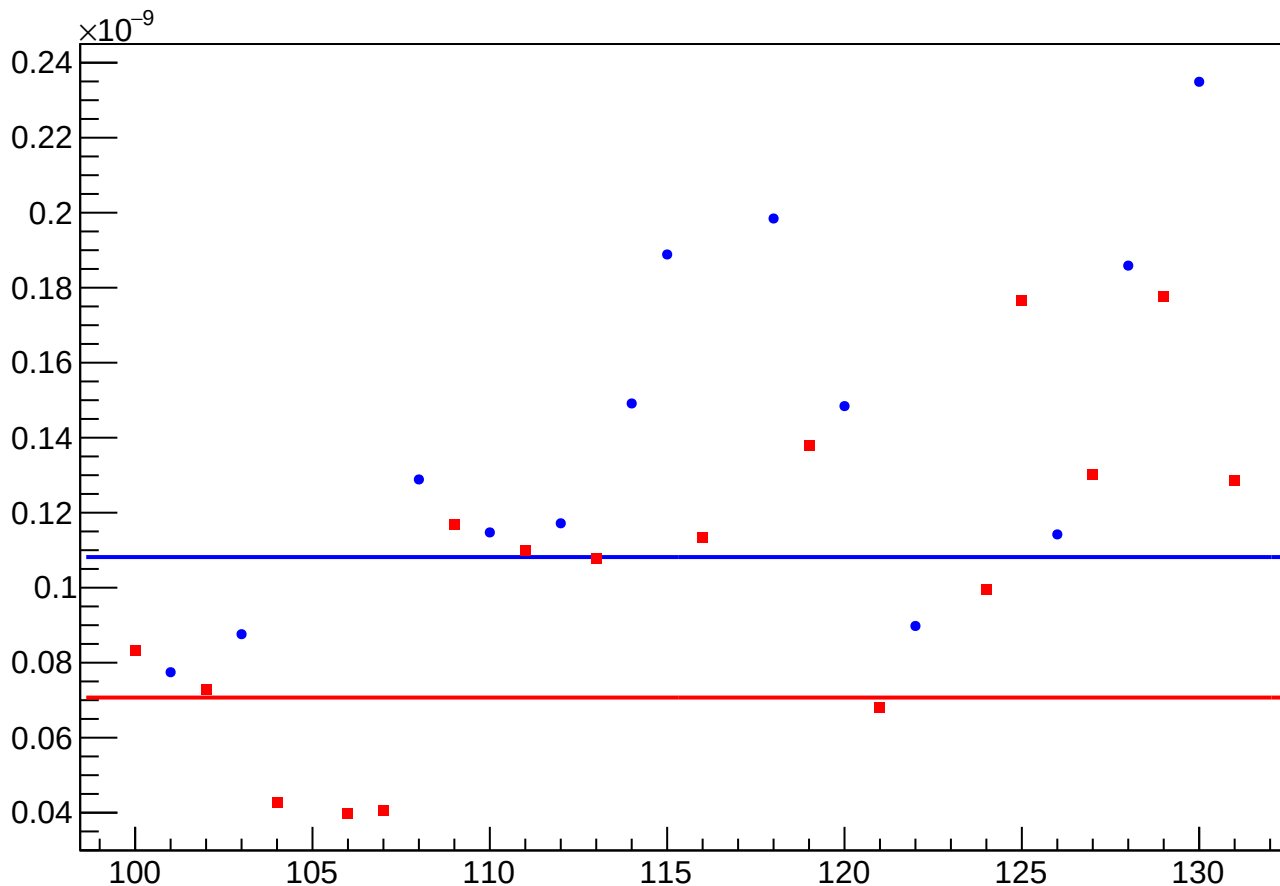
Right: 0.000+/-0.000 χ^2/NDF : 27.8/28

In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/28

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 : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

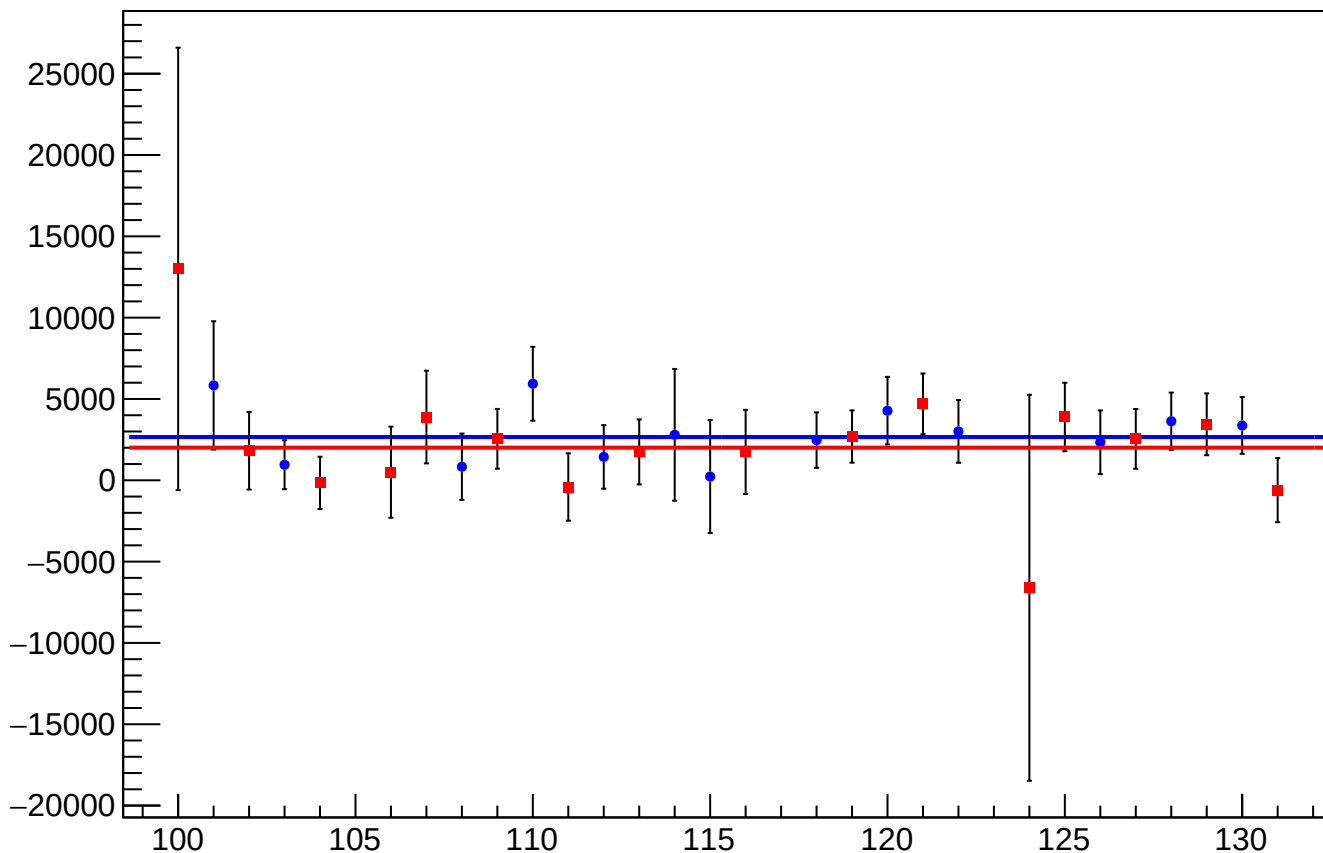
Right: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2659.850 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2008.189 $\pm$ 535.768 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

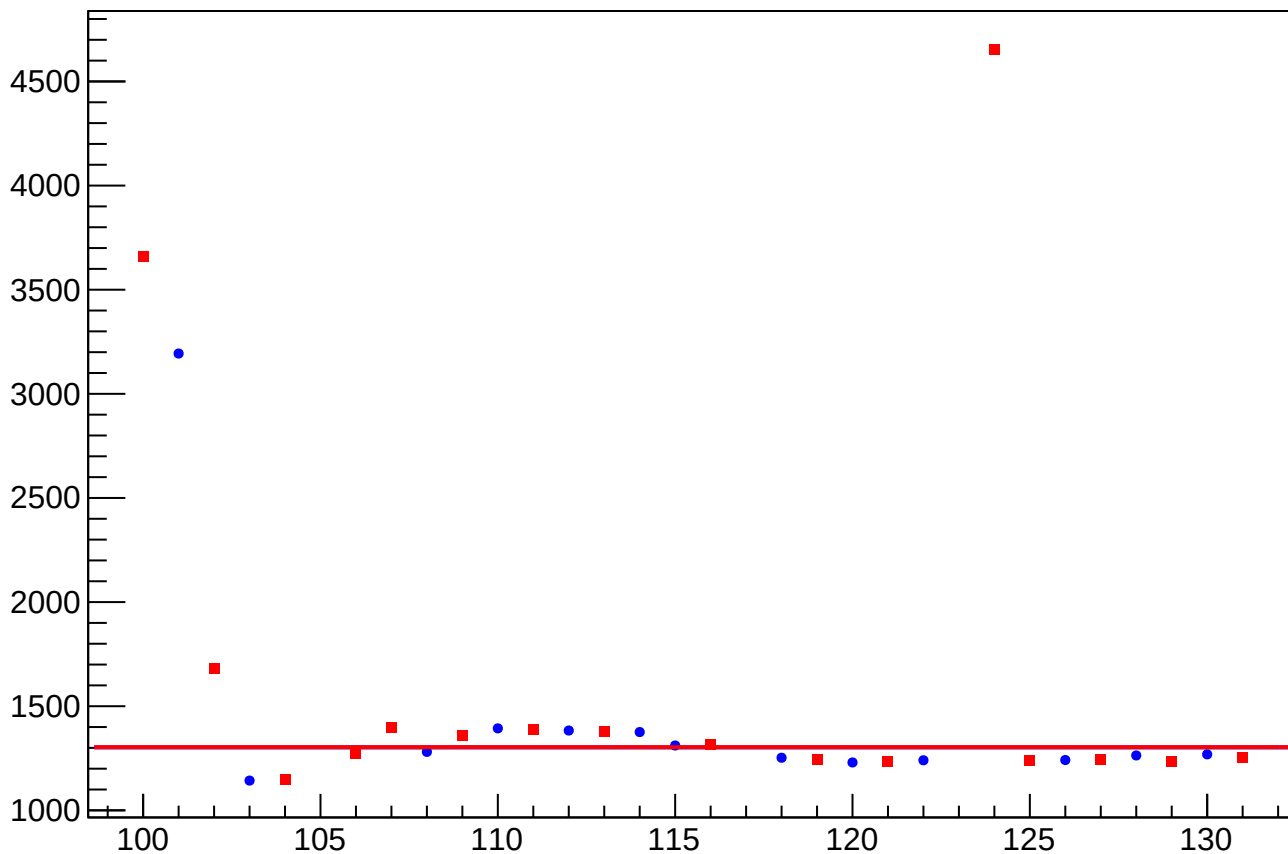
Right: 2315.269 $\pm$ 389.594 χ^2 /NDF: 18.2/28

In: 2659.850 $\pm$ 567.541 χ^2 /NDF:6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2315.269 $\pm$ 389.594 χ^2 /NDF: 18.2/28

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1302.352+/-0.401 χ^2/NDF : 499875.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.251+/-0.378 χ^2/NDF : 311742.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

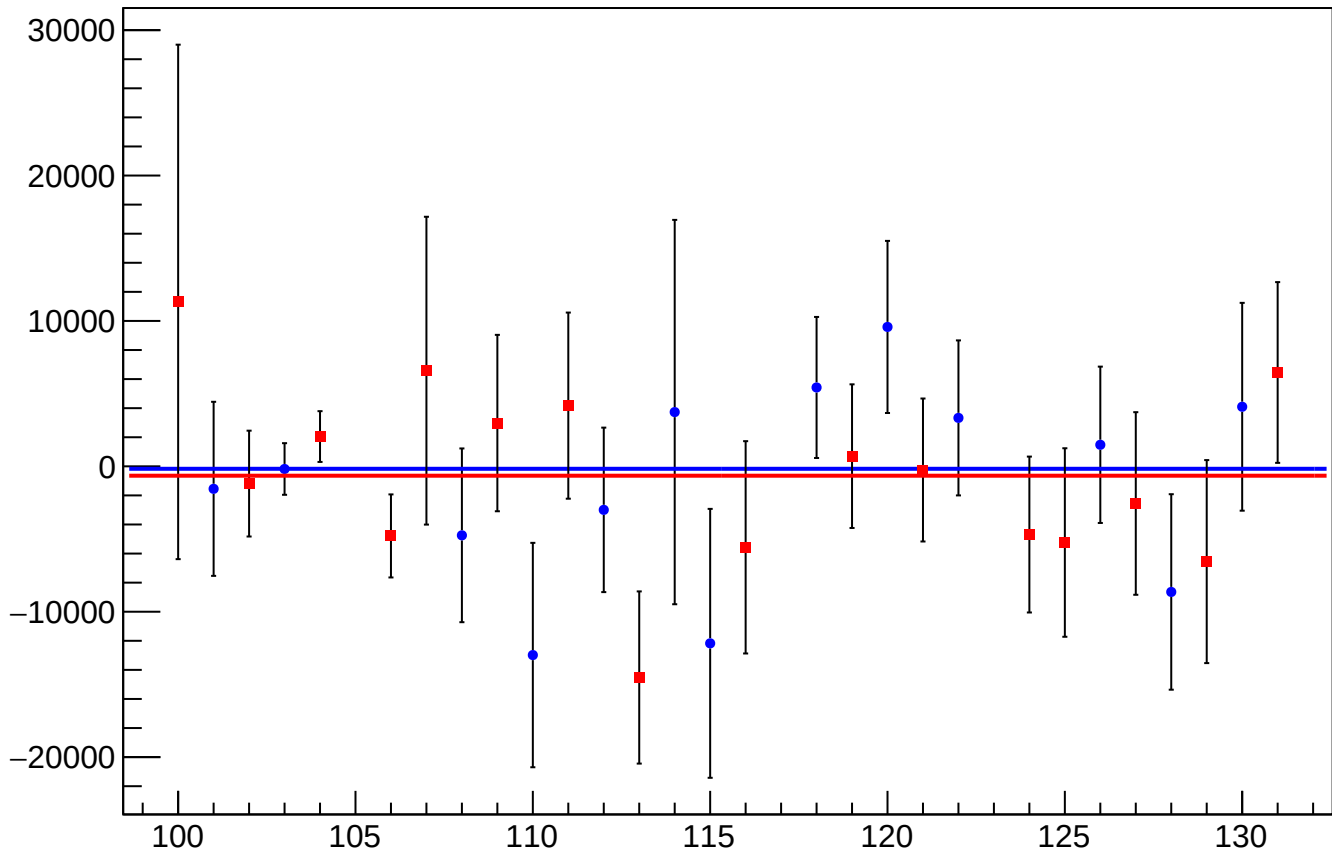
Right: 1302.829+/-0.275 χ^2/NDF : 811620.2/28

In: 1302.352+/-0.401 χ^2/NDF : 499875.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.829+/-0.275 χ^2/NDF : 811620.2/28

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -169.069+/-1268.776 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -644.665+/-1084.819 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

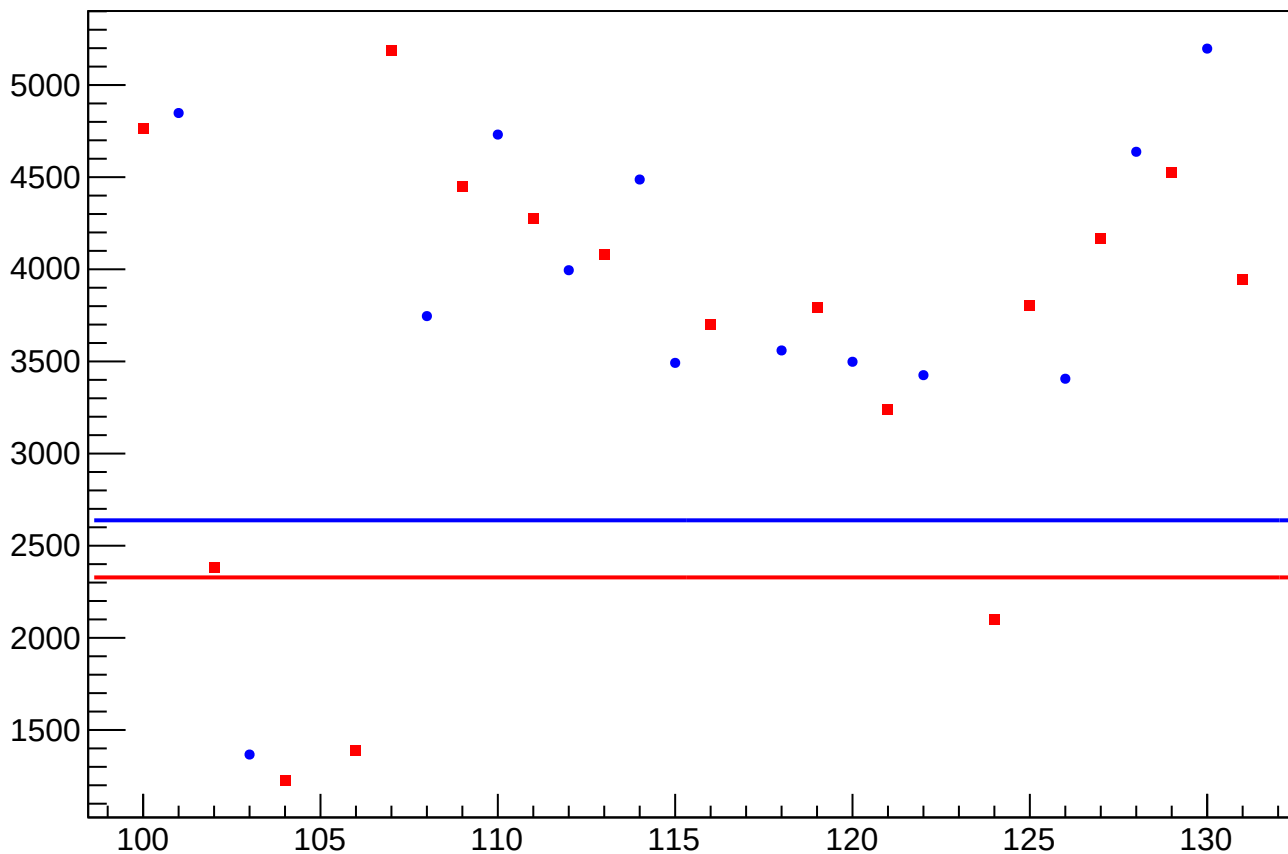
Right: -443.814+/-824.523 χ^2/NDF : 27.6/28

In: -169.069+/-1268.776 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.814+/-824.523 χ^2/NDF : 27.6/28

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2637.800+/-0.897 χ^2/NDF : 2317766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2327.998+/-0.767 χ^2/NDF : 2731045.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

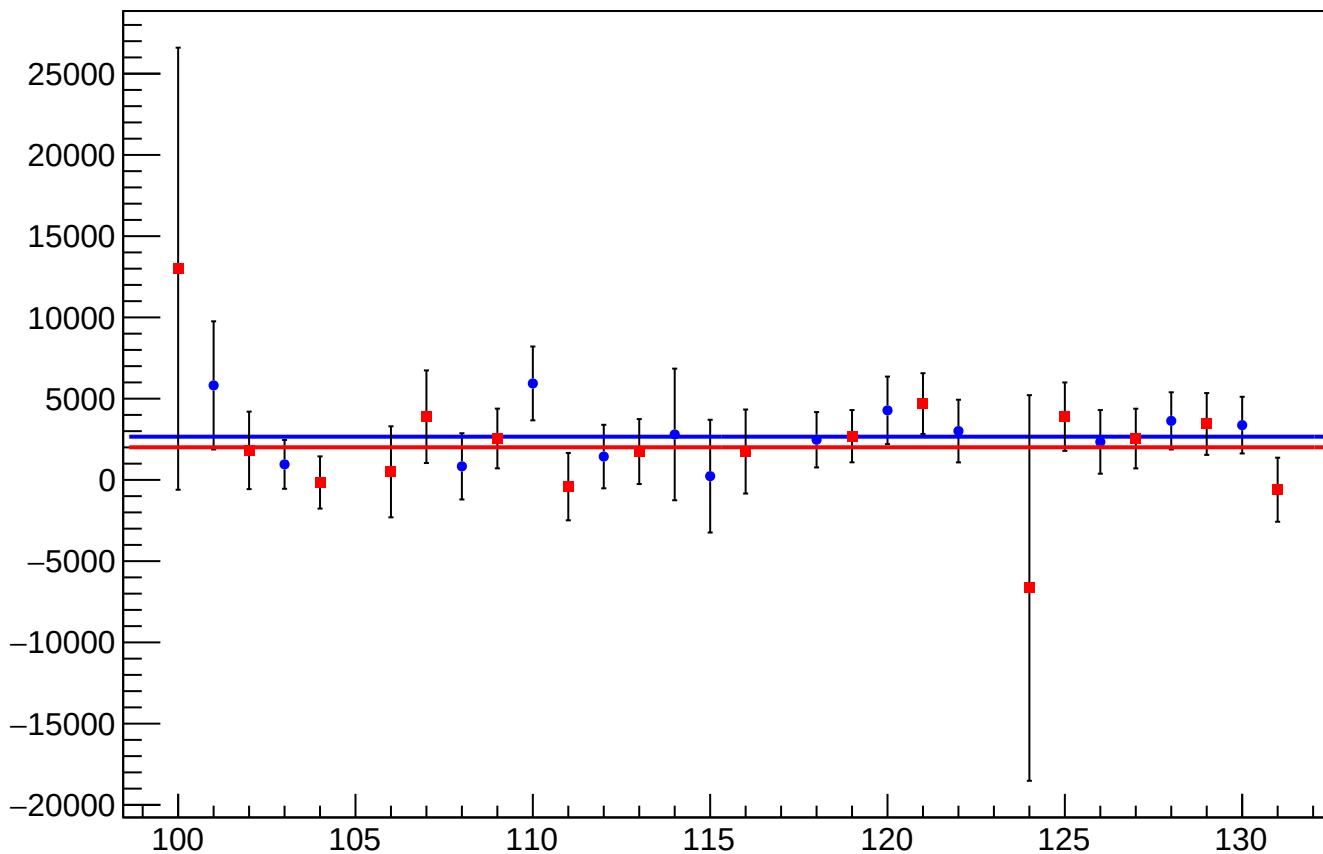
Right: 2458.832+/-0.583 χ^2/NDF : 5117696.1/28

In: 2637.800+/-0.897 χ^2/NDF : 2317766.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2458.832+/-0.583 χ^2/NDF : 5117696.1/28

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2007.881 $\pm$ 535.768 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

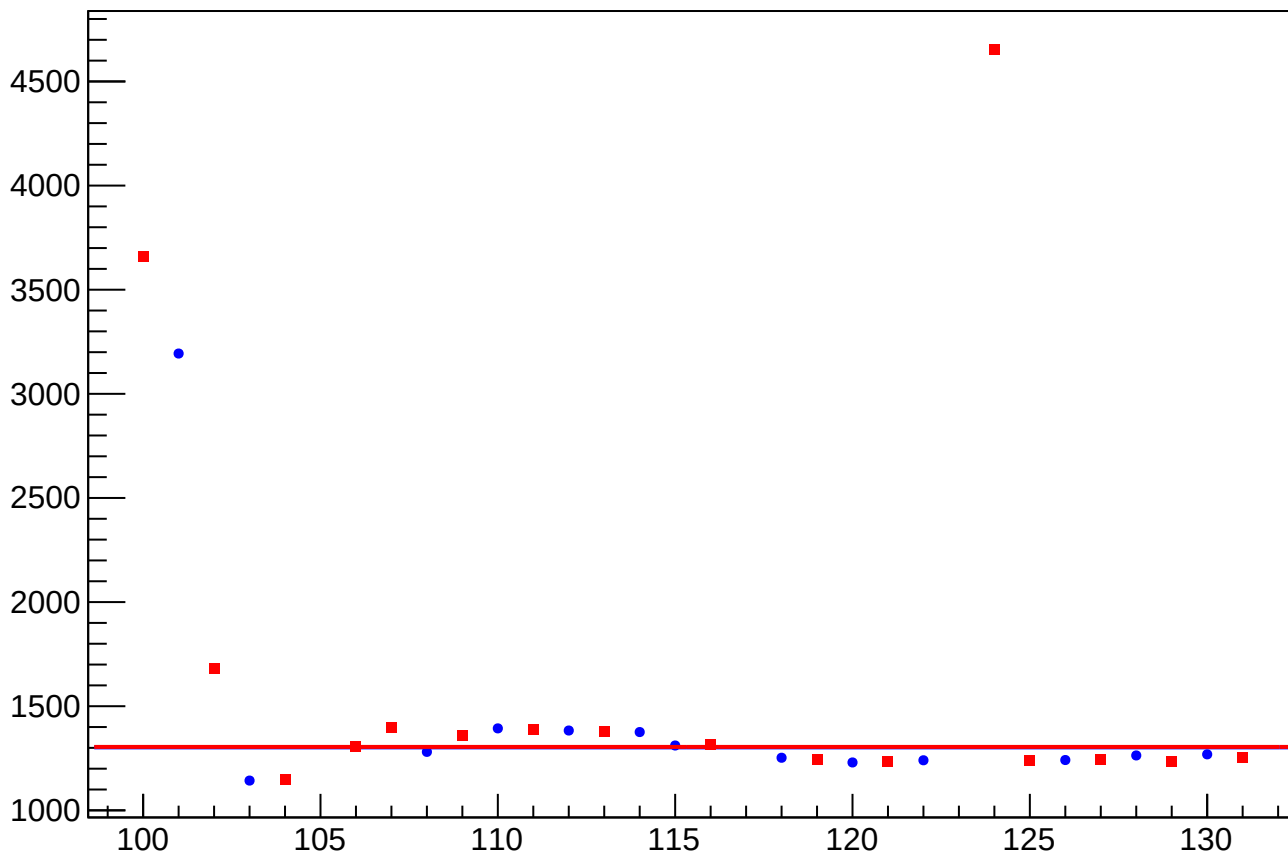
Right: 2314.962 $\pm$ 389.594 χ^2 /NDF: 18.2/28

In: 2659.545 $\pm$ 567.541 χ^2 /NDF:6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2314.962 $\pm$ 389.594 χ^2 /NDF: 18.2/28

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.550+/-0.378 χ^2/NDF : 311481.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

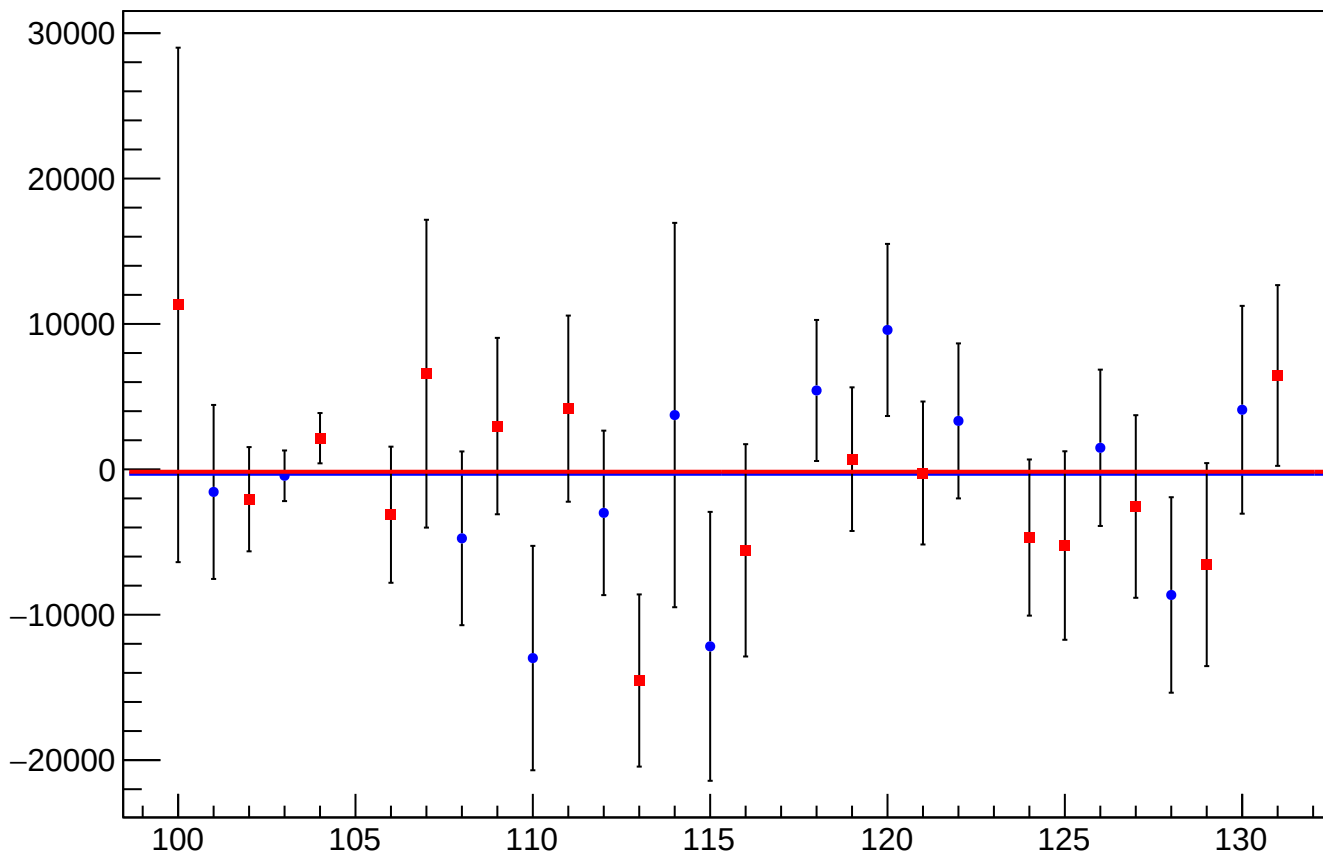
Right: 1303.517+/-0.275 χ^2/NDF : 811374.4/28

In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.517+/-0.275 χ^2/NDF : 811374.4/28

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.892+/-1131.427 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

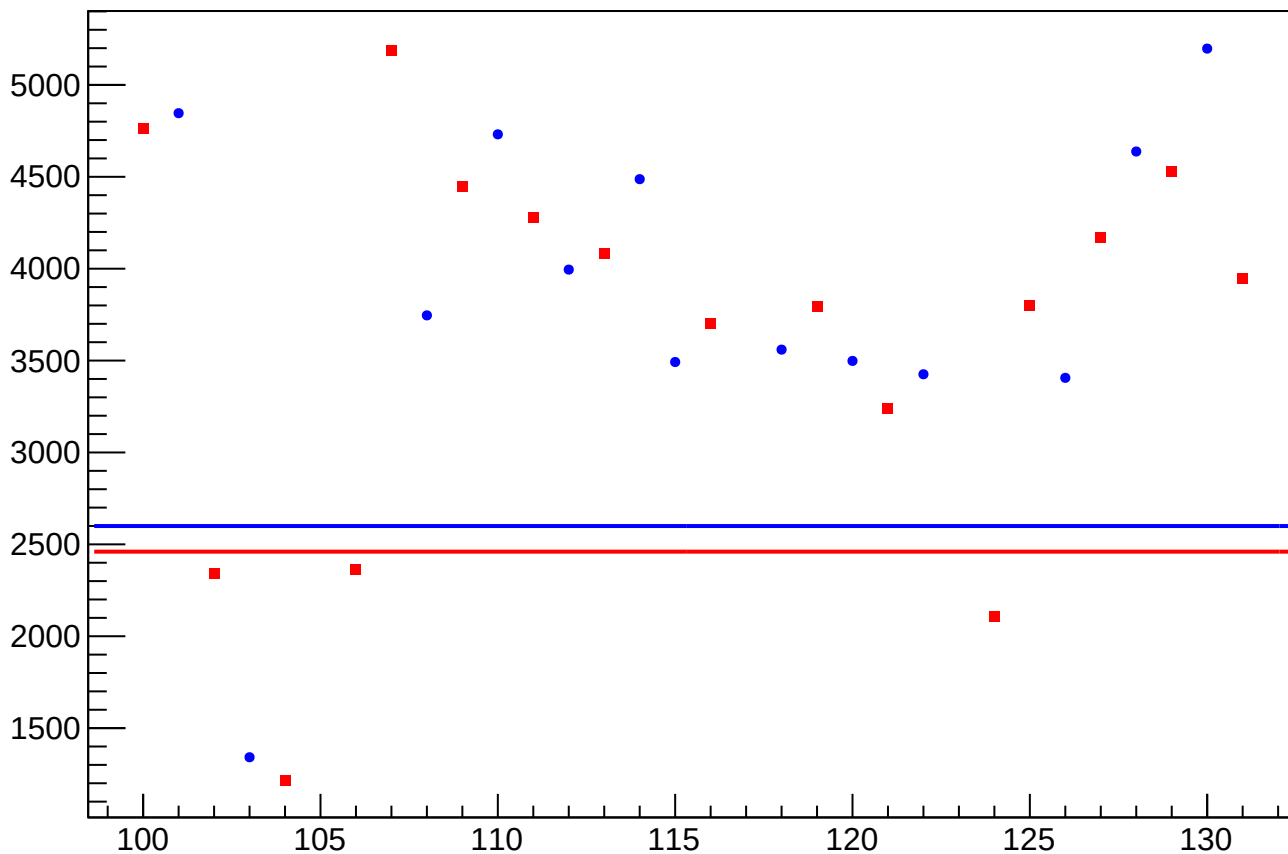
Right: -227.744+/-840.715 χ^2/NDF : 25.9/28

In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.744+/-840.715 χ^2/NDF : 25.9/28

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2599.709 $\pm$ 0.888 χ^2/NDF : 2398619.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2460.288 $\pm$ 0.800 χ^2/NDF : 2518193.0/15

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

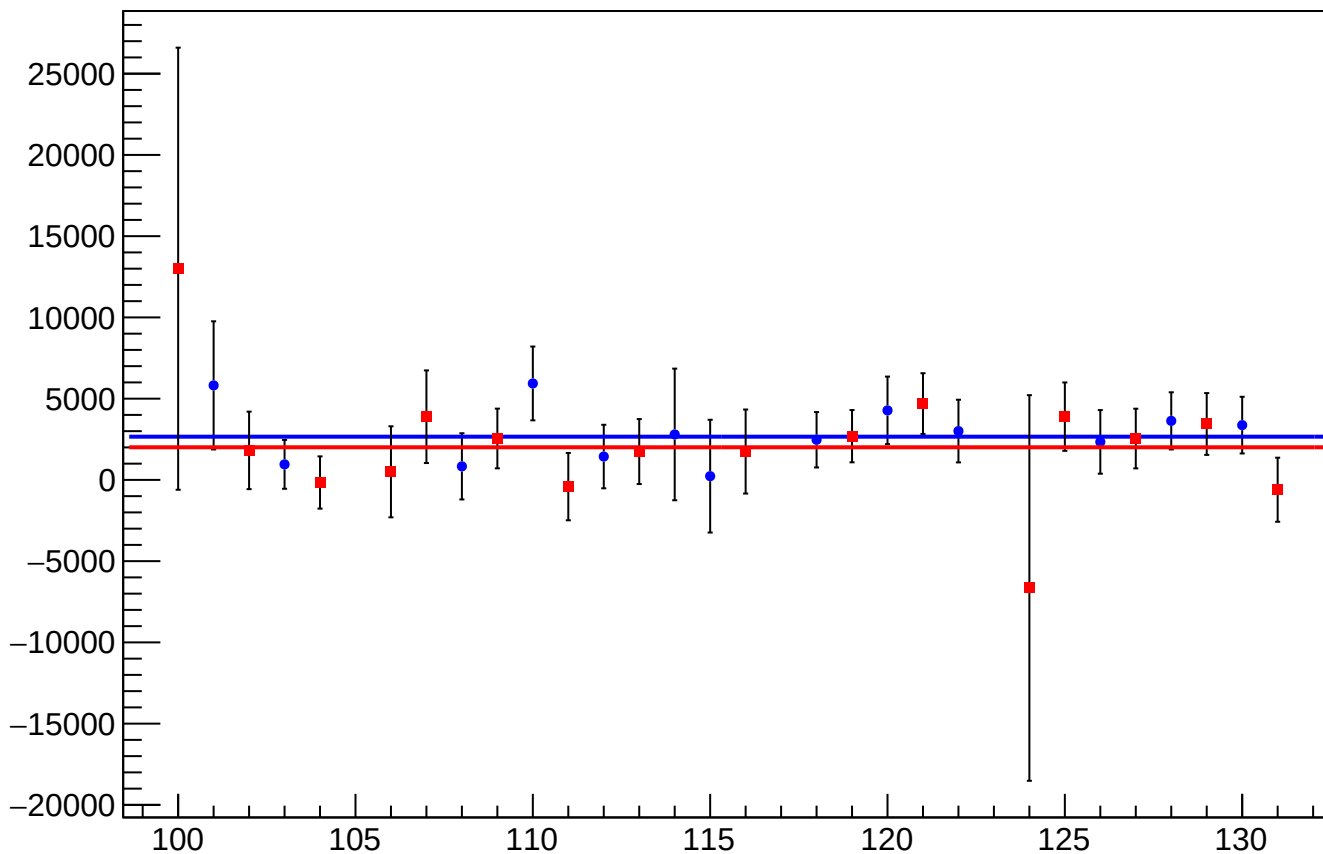
Right: 2522.730 $\pm$ 0.594 χ^2/NDF : 4930413.7/28

In: 2599.709 $\pm$ 0.888 χ^2/NDF : 2398619.6/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2522.730 $\pm$ 0.594 χ^2/NDF : 4930413.7/28

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2007.881 $\pm$ 535.768 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

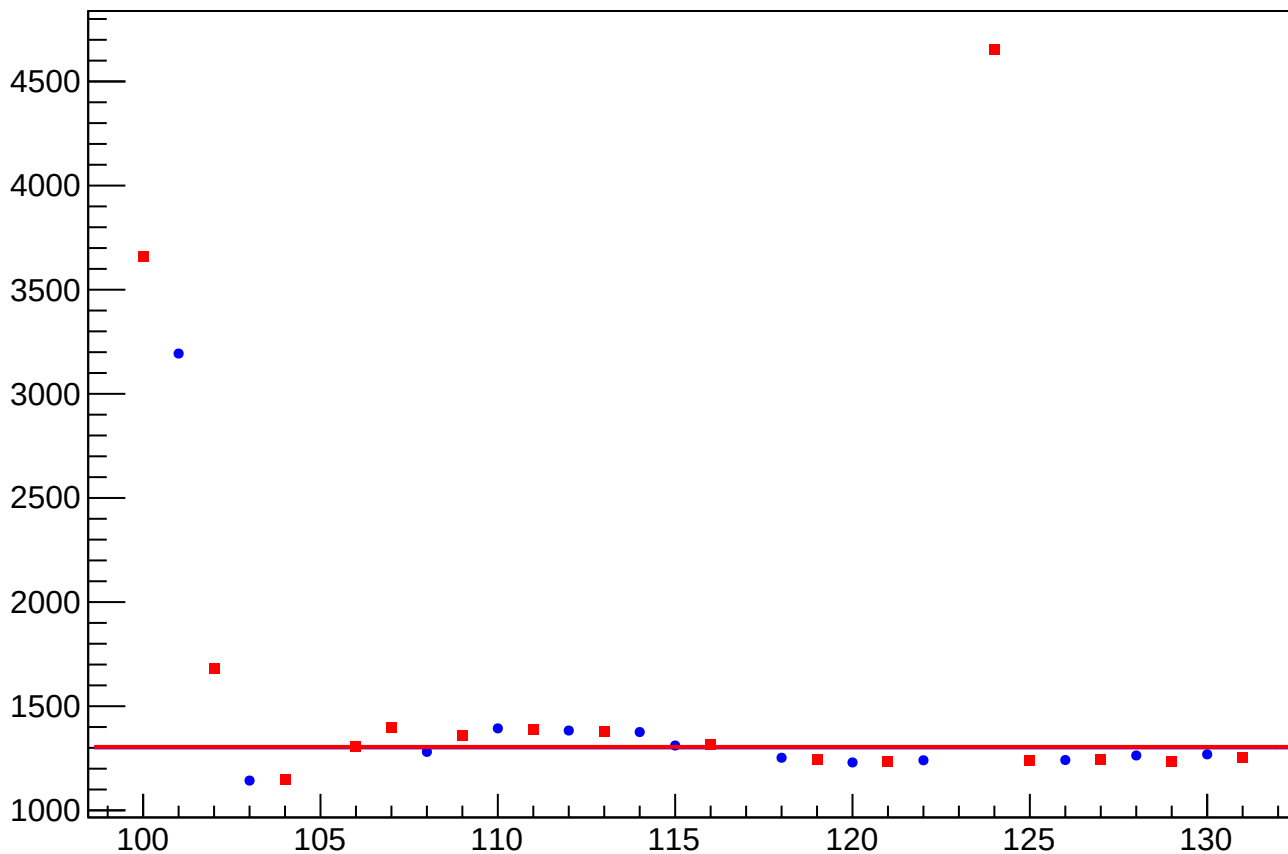
Right: 2314.962 $\pm$ 389.594 χ^2 /NDF: 18.2/28

In: 2659.545 $\pm$ 567.541 χ^2 /NDF:6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2314.962 $\pm$ 389.594 χ^2 /NDF: 18.2/28

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.550+/-0.378 χ^2/NDF : 311481.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

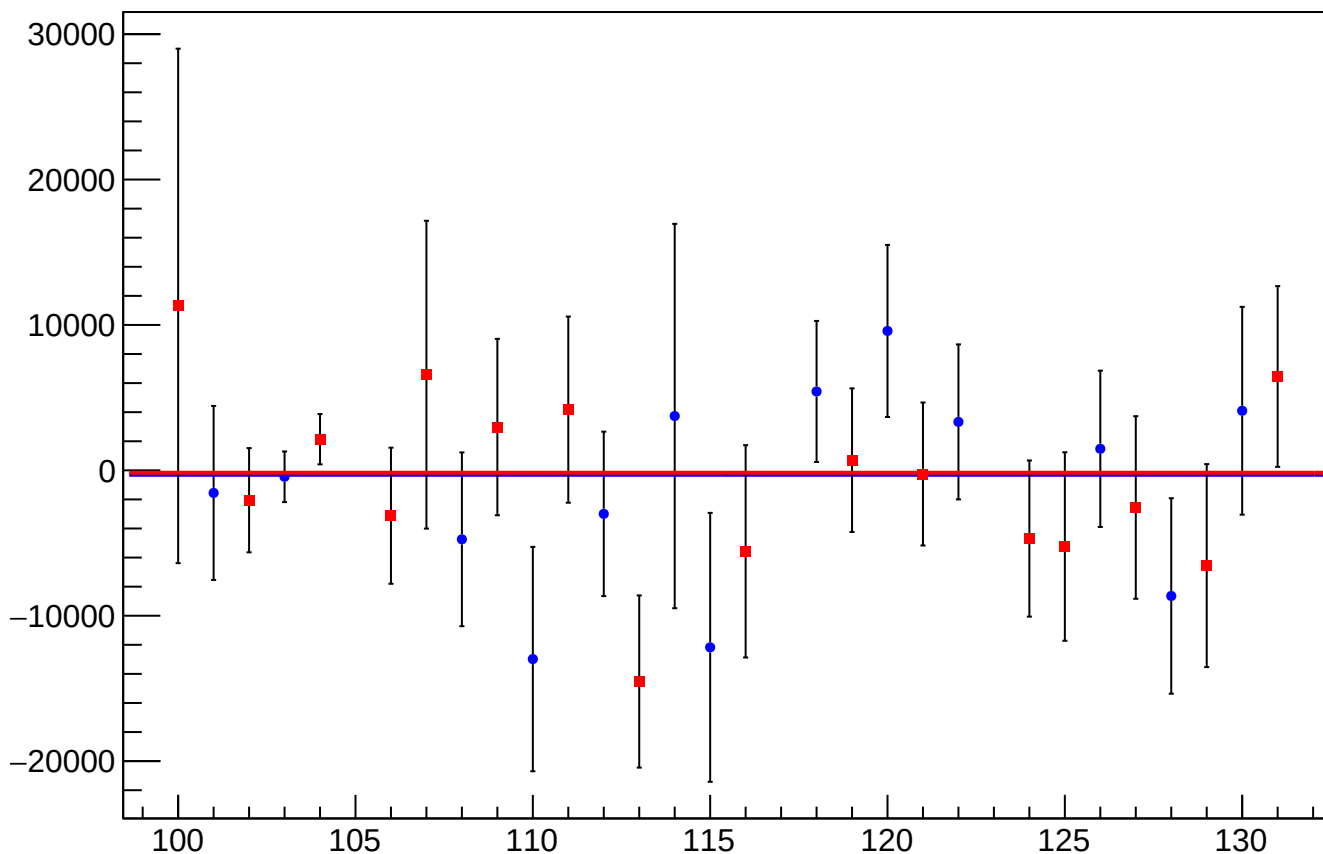
Right: 1303.517+/-0.275 χ^2/NDF : 811374.4/28

In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.517+/-0.275 χ^2/NDF : 811374.4/28

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.892+/-1131.427 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

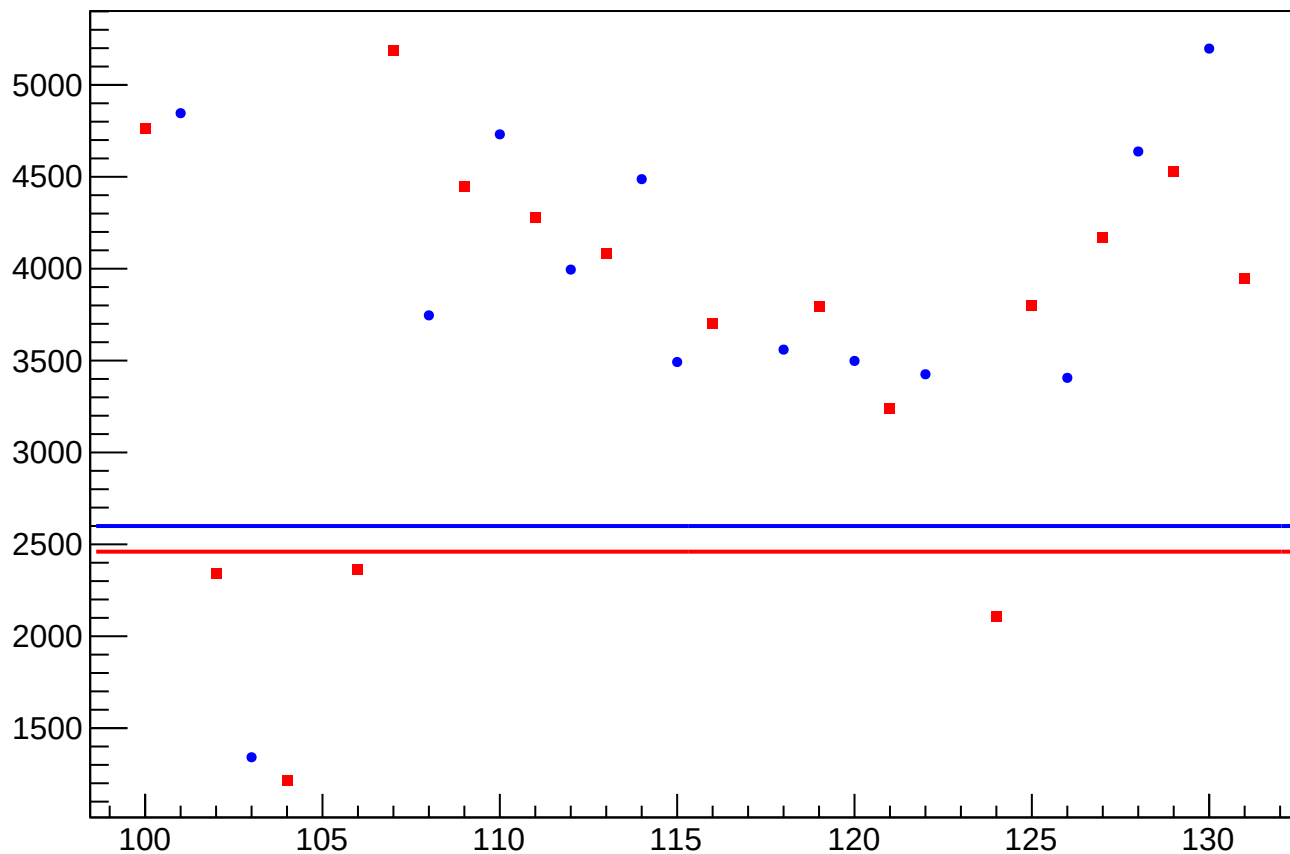
Right: -227.744+/-840.715 χ^2/NDF : 25.9/28

In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.744+/-840.715 χ^2/NDF : 25.9/28

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.288+/-0.800 χ^2/NDF : 2518193.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

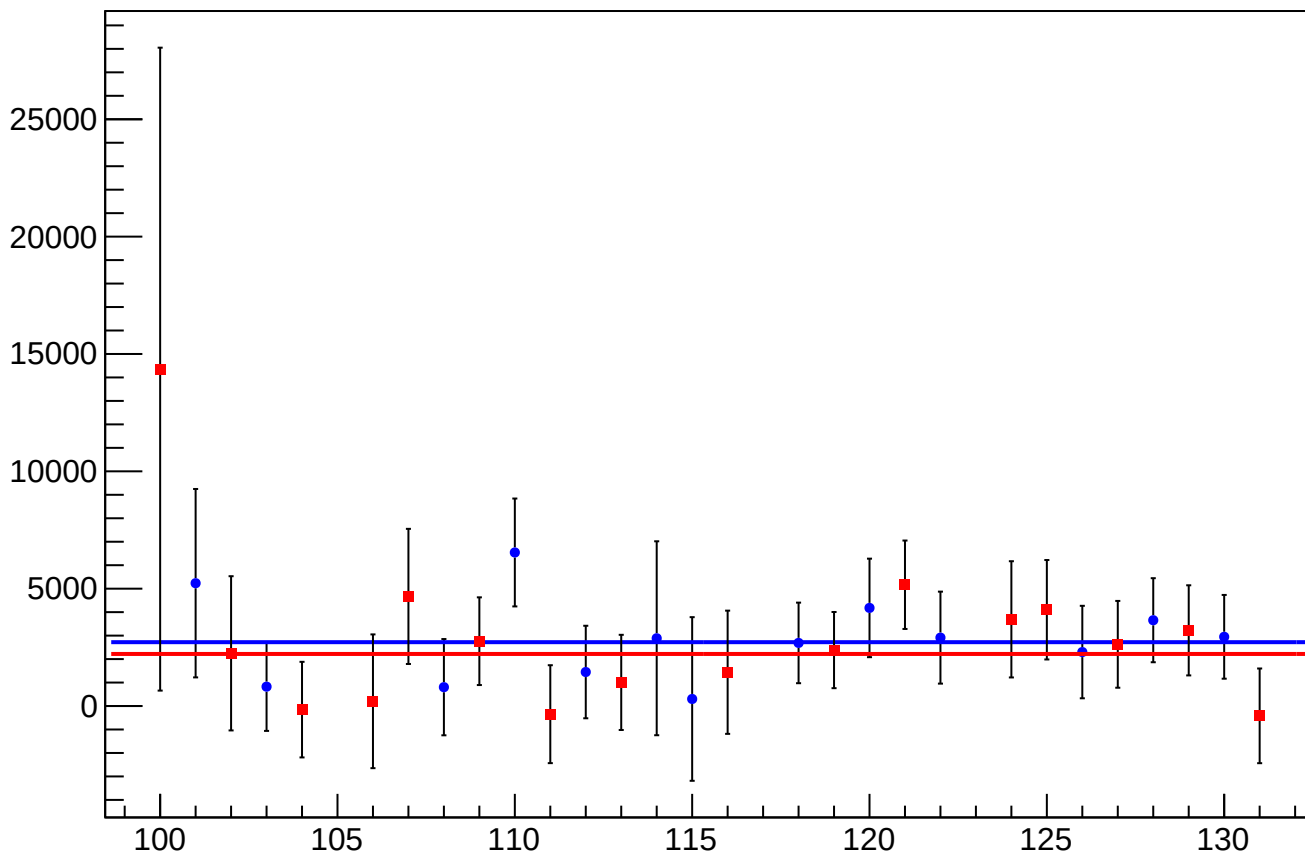
Right: 2522.730+/-0.594 χ^2/NDF : 4930413.7/28

In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.730+/-0.594 χ^2/NDF : 4930413.7/28

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2218.515+/-546.816 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

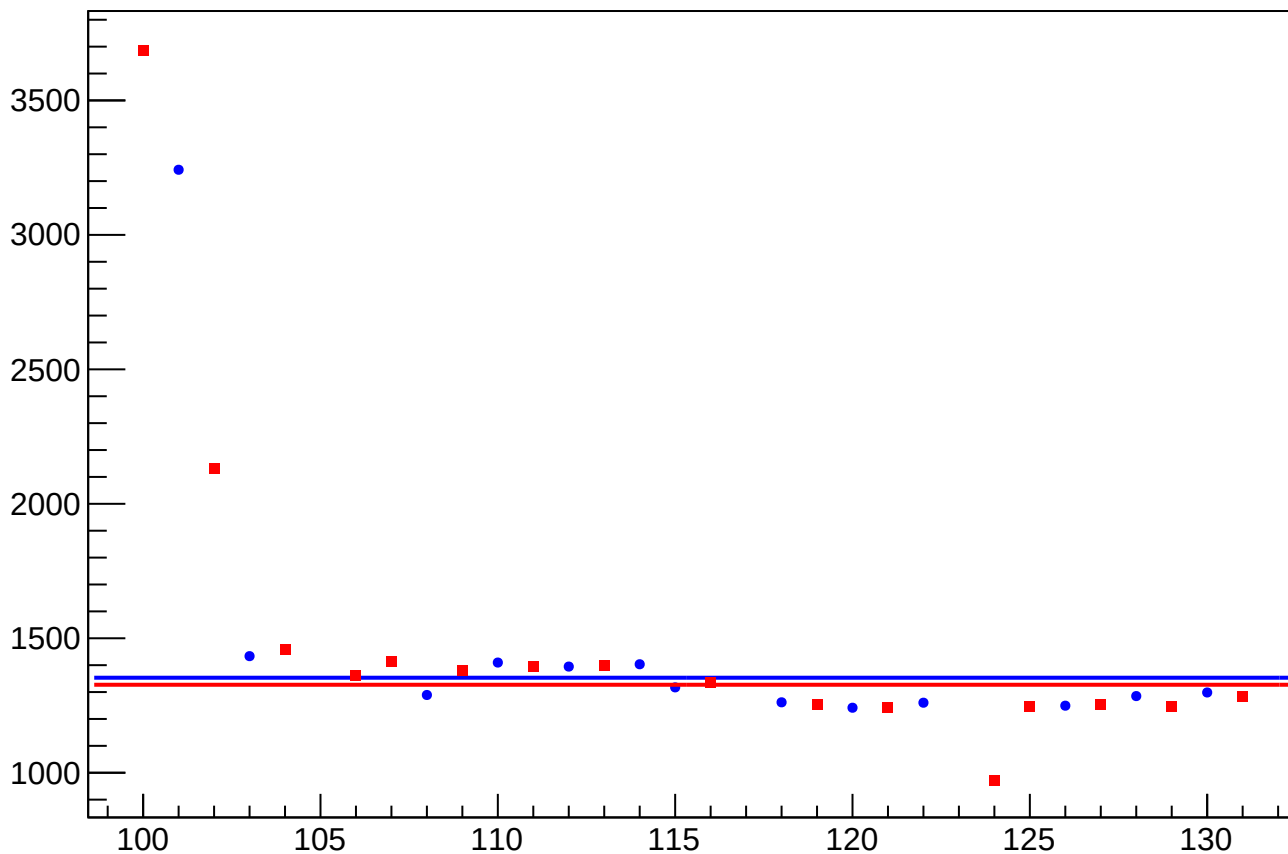
Right: 2450.696+/-400.847 χ^2/NDF : 18.2/28

In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.696+/-400.847 χ^2/NDF : 18.2/28

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1353.342+/-0.417 χ^2/NDF : 477253.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.166+/-0.386 χ^2/NDF : 255657.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

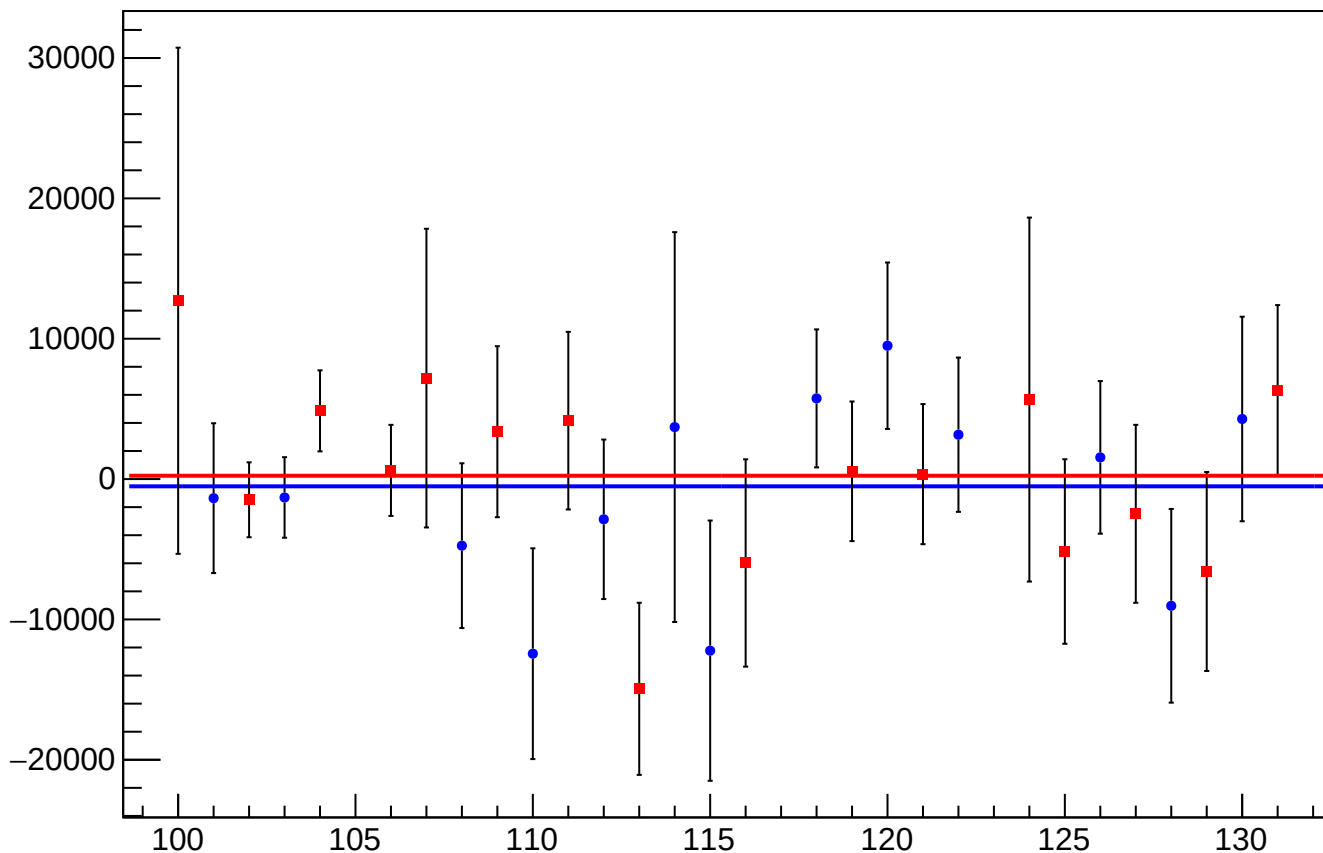
Right: 1339.266+/-0.283 χ^2/NDF : 735032.5/28

In: 1353.342+/-0.417 χ^2/NDF : 477253.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.266+/-0.283 χ^2/NDF : 735032.5/28

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -516.643+/-1529.094 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.177+/-1244.554 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

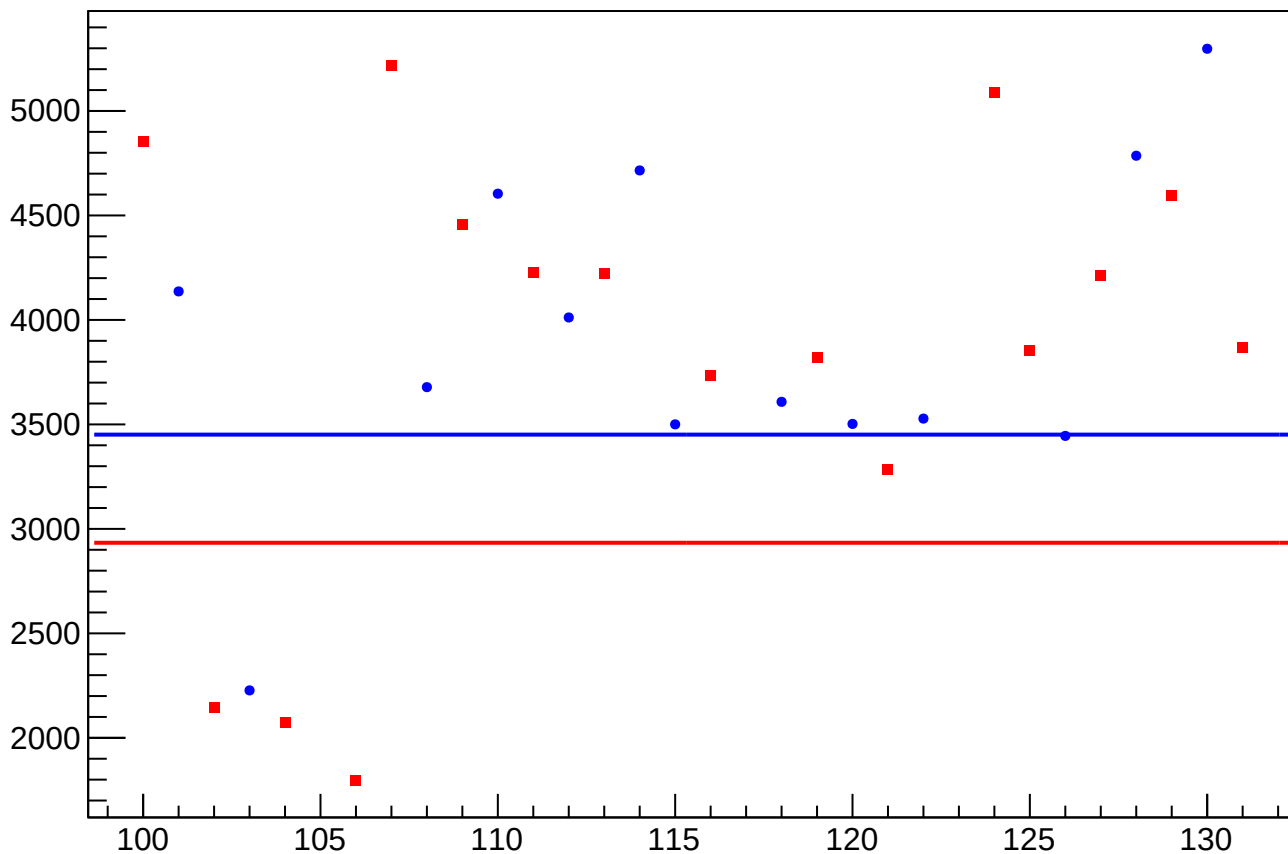
Right: -63.206+/-965.246 χ^2/NDF : 26.5/28

In: -516.643+/-1529.094 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.206+/-965.246 χ^2/NDF : 26.5/28

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3451.144+/-1.081 χ^2/NDF : 688992.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2933.617+/-0.880 χ^2/NDF : 1440662.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

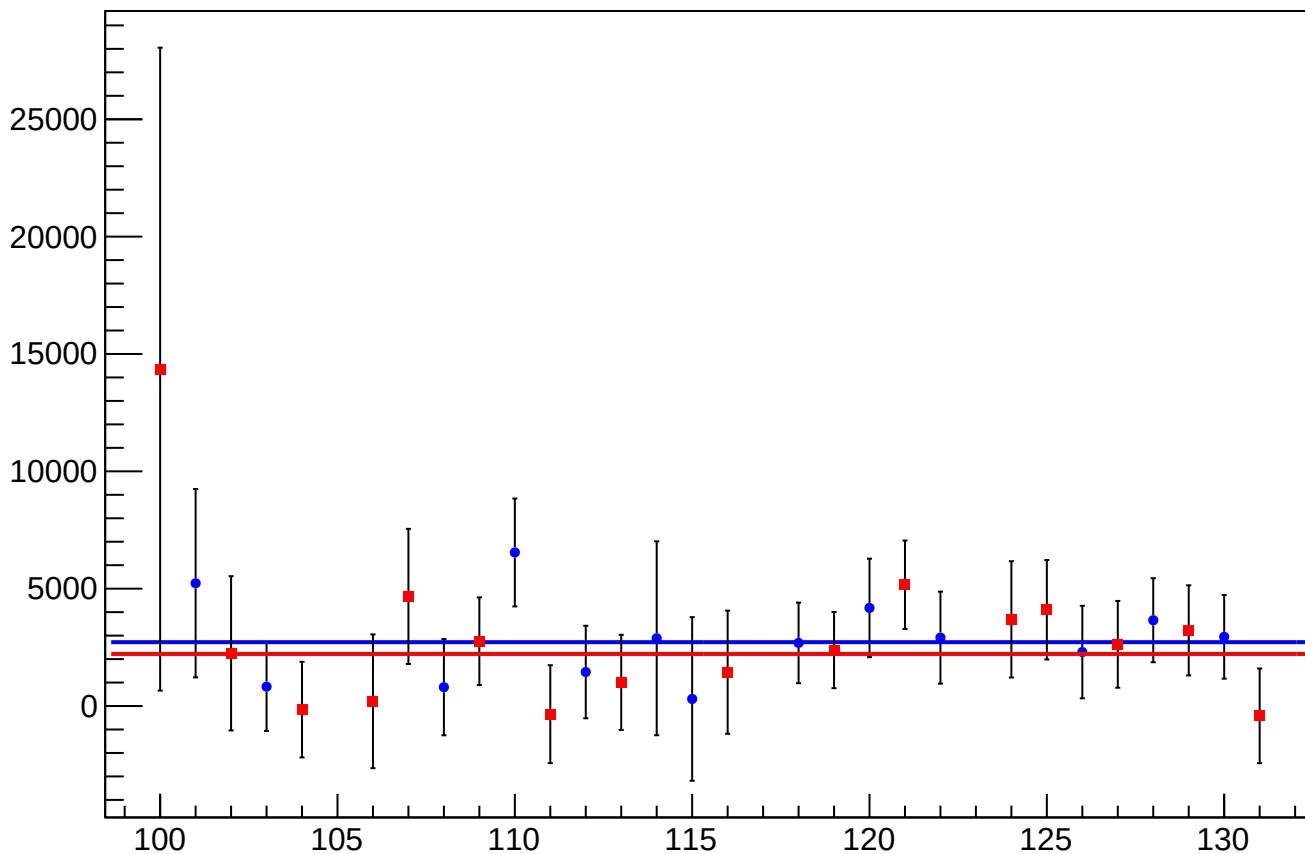
Right: 3139.842+/-0.683 χ^2/NDF : 2267463.8/28

In: 3451.144+/-1.081 χ^2/NDF : 688992.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.842+/-0.683 χ^2/NDF : 2267463.8/28

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2218.519+/-546.815 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

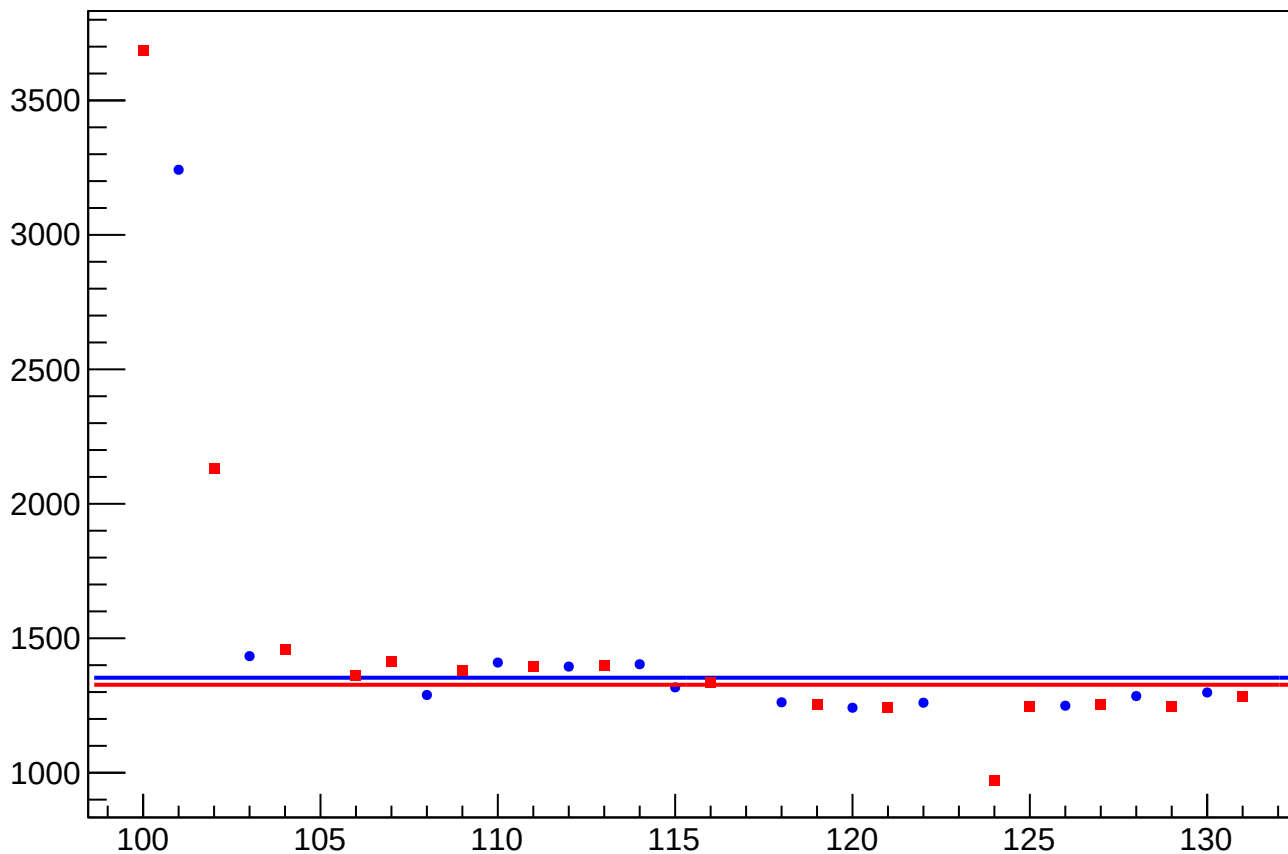
Right: 2450.698+/-400.847 χ^2/NDF : 18.2/28

In: 2720.389+/-589.336 χ^2/NDF :6.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2450.698+/-400.847 χ^2/NDF : 18.2/28

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1353.341+/-0.417 χ^2/NDF : 477253.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.166+/-0.386 χ^2/NDF : 255656.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

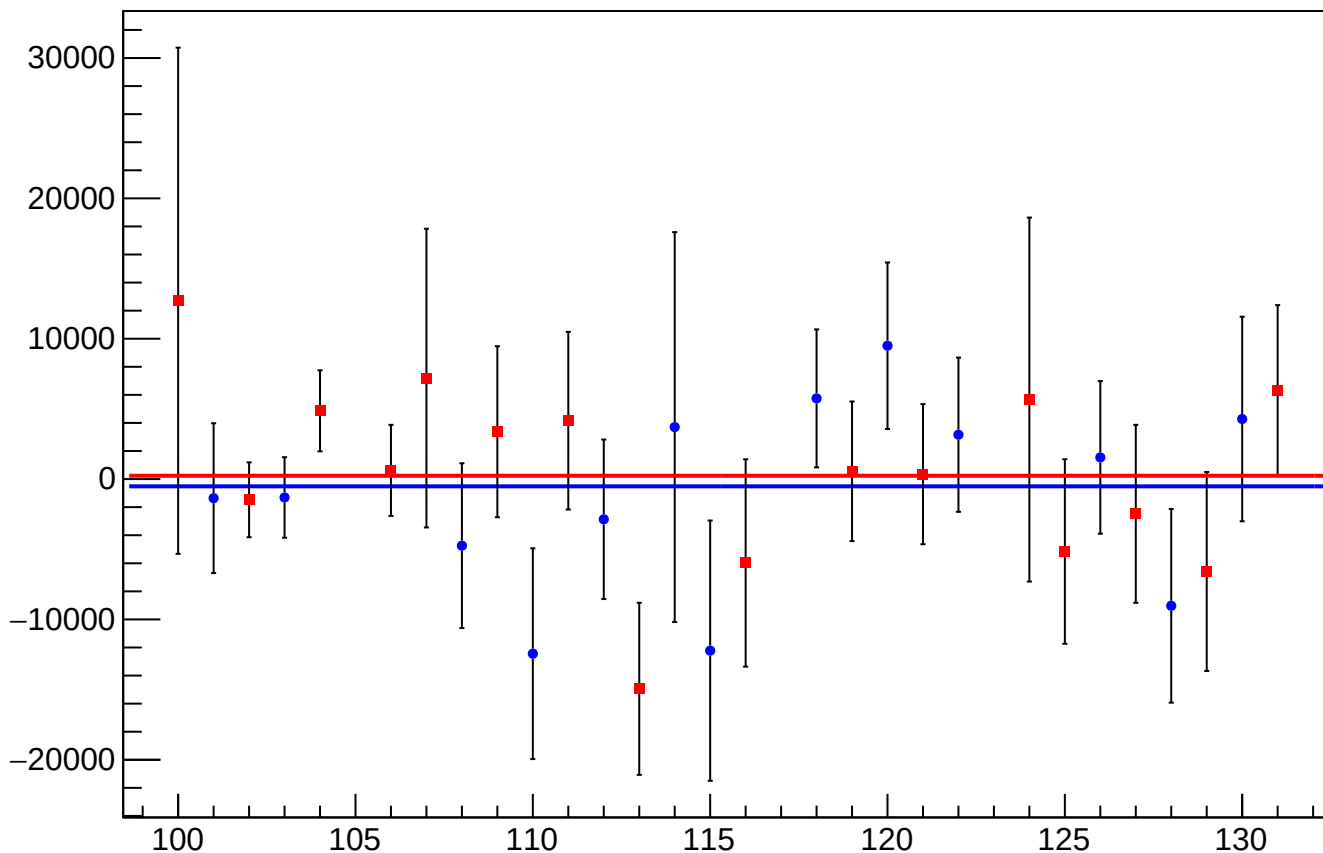
Right: 1339.266+/-0.283 χ^2/NDF : 735031.7/28

In: 1353.341+/-0.417 χ^2/NDF : 477253.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.266+/-0.283 χ^2/NDF : 735031.7/28

asym_atl_avg_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -516.638+/-1529.089 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.179+/-1244.550 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

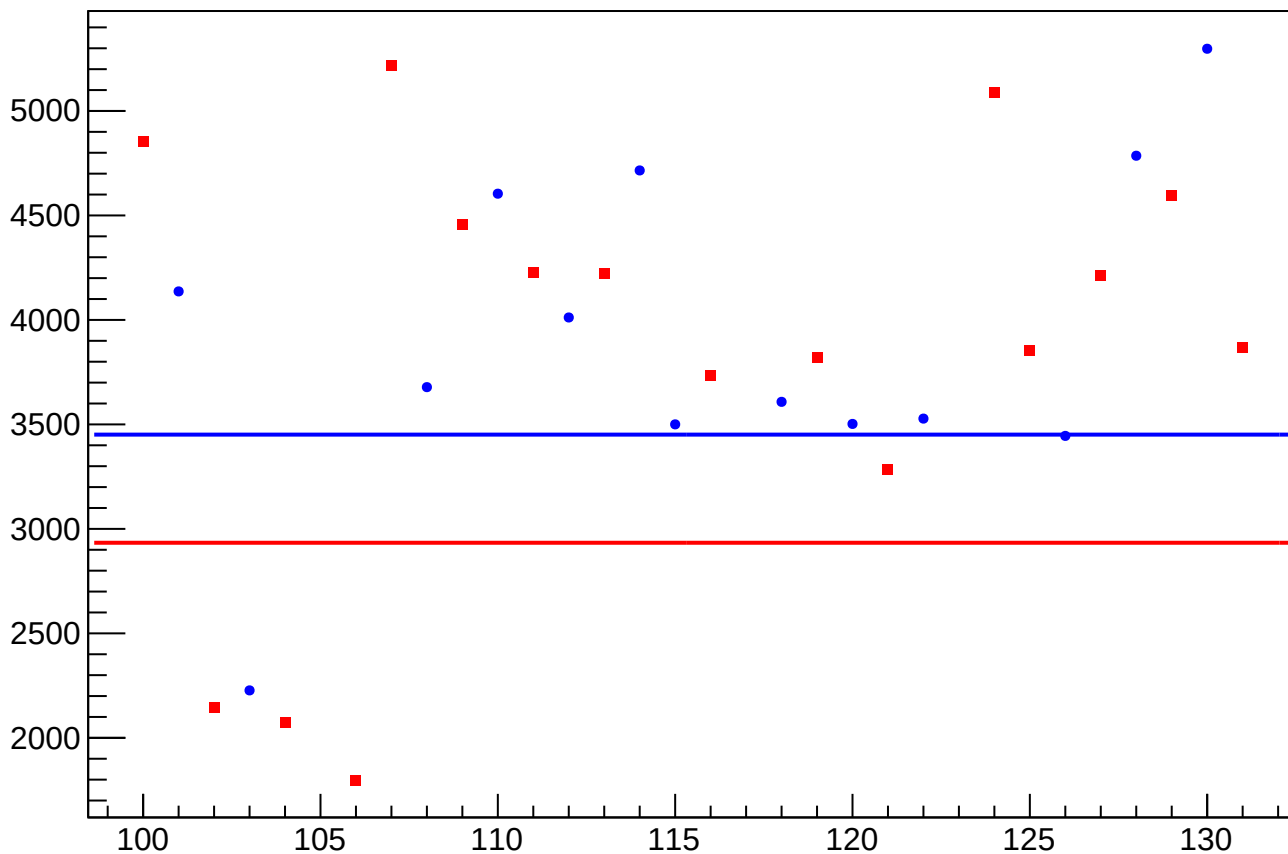
Right: -63.203+/-965.243 χ^2/NDF : 26.5/28

In: -516.638+/-1529.089 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.203+/-965.243 χ^2/NDF : 26.5/28

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3451.134+/-1.081 χ^2/NDF : 688990.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2933.608+/-0.880 χ^2/NDF : 1440662.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

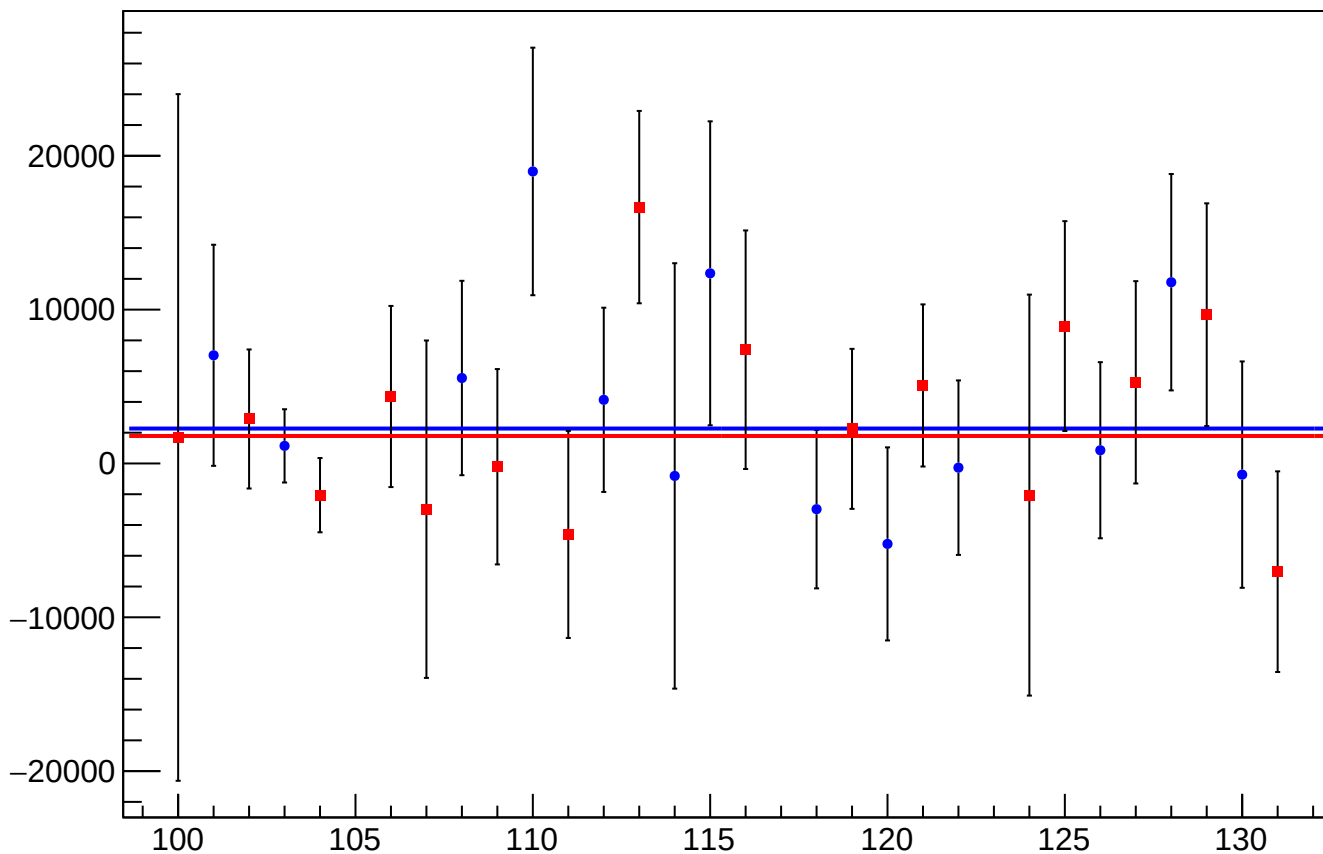
Right: 3139.833+/-0.683 χ^2/NDF : 2267461.8/28

In: 3451.134+/-1.081 χ^2/NDF : 688990.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.833+/-0.683 χ^2/NDF : 2267461.8/28

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2269.792 $\pm$ 1502.506 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1787.005 $\pm$ 1393.386 χ^2 /NDF: 15.0/15

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

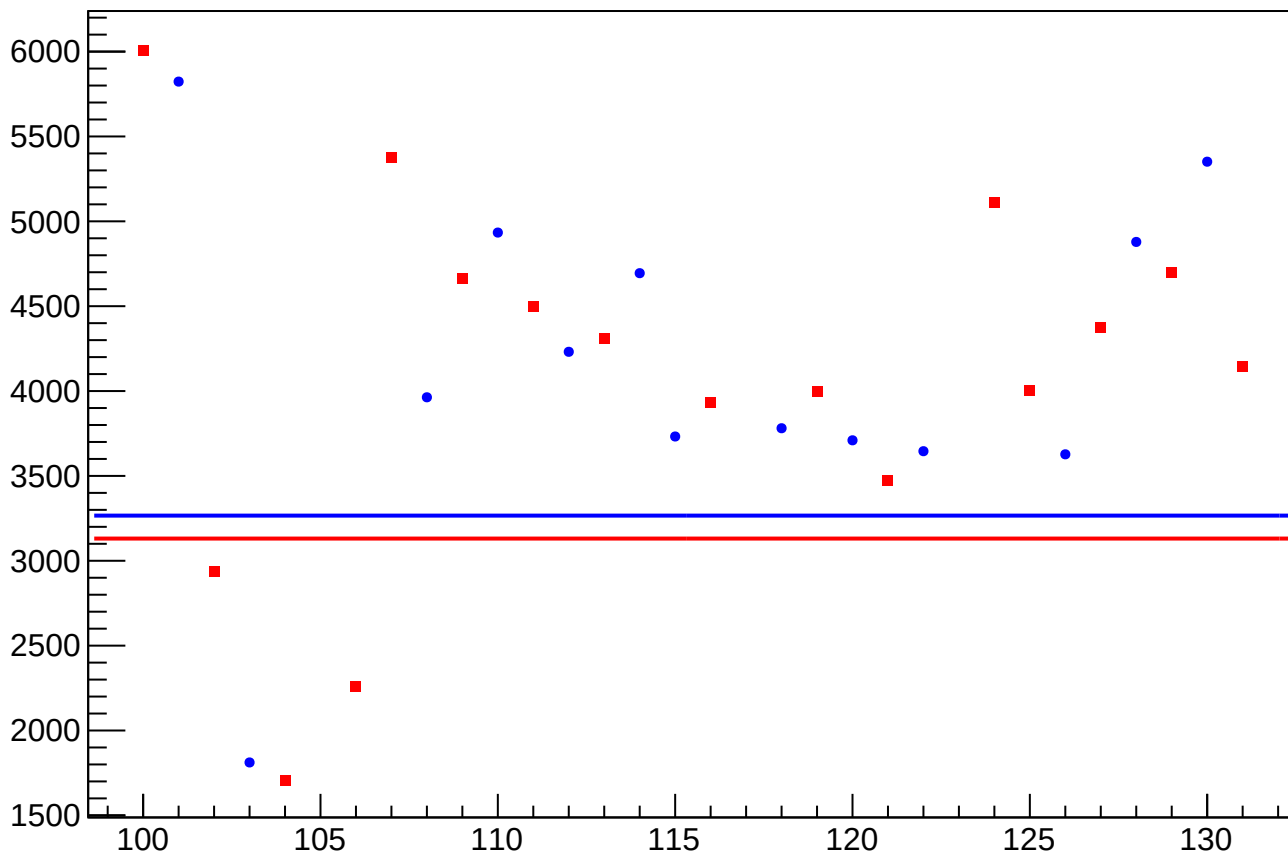
Right: 2010.233 $\pm$ 1021.674 χ^2 /NDF: 26.3/28

In: 2269.792 $\pm$ 1502.506 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2010.233 $\pm$ 1021.674 χ^2 /NDF: 26.3/28

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3266.117+/-1.062 χ^2/NDF : 1499965.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3130.879+/-0.971 χ^2/NDF : 1533889.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

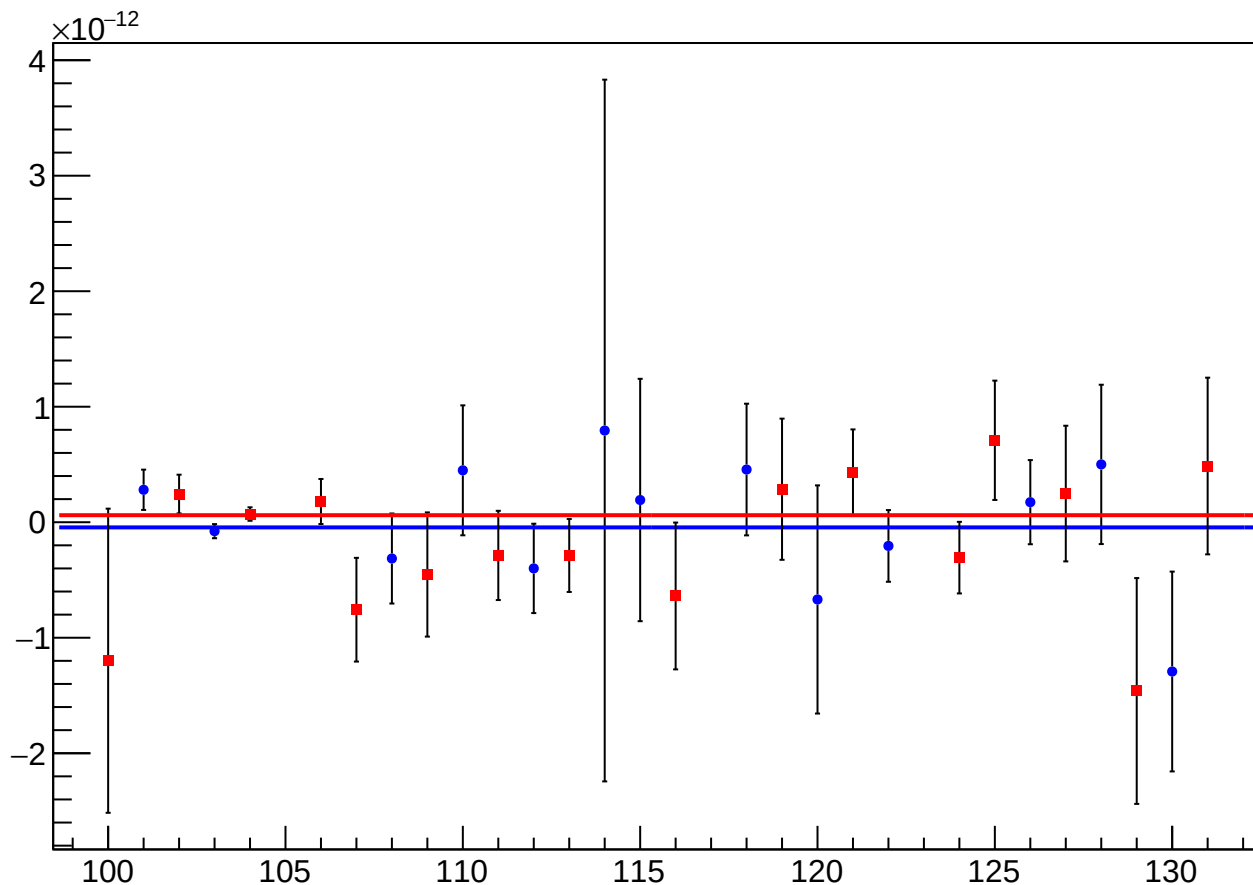
Right: 3192.408+/-0.717 χ^2/NDF : 3042686.8/28

In: 3266.117+/-1.062 χ^2/NDF : 1499965.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3192.408+/-0.717 χ^2/NDF : 3042686.8/28

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/12

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

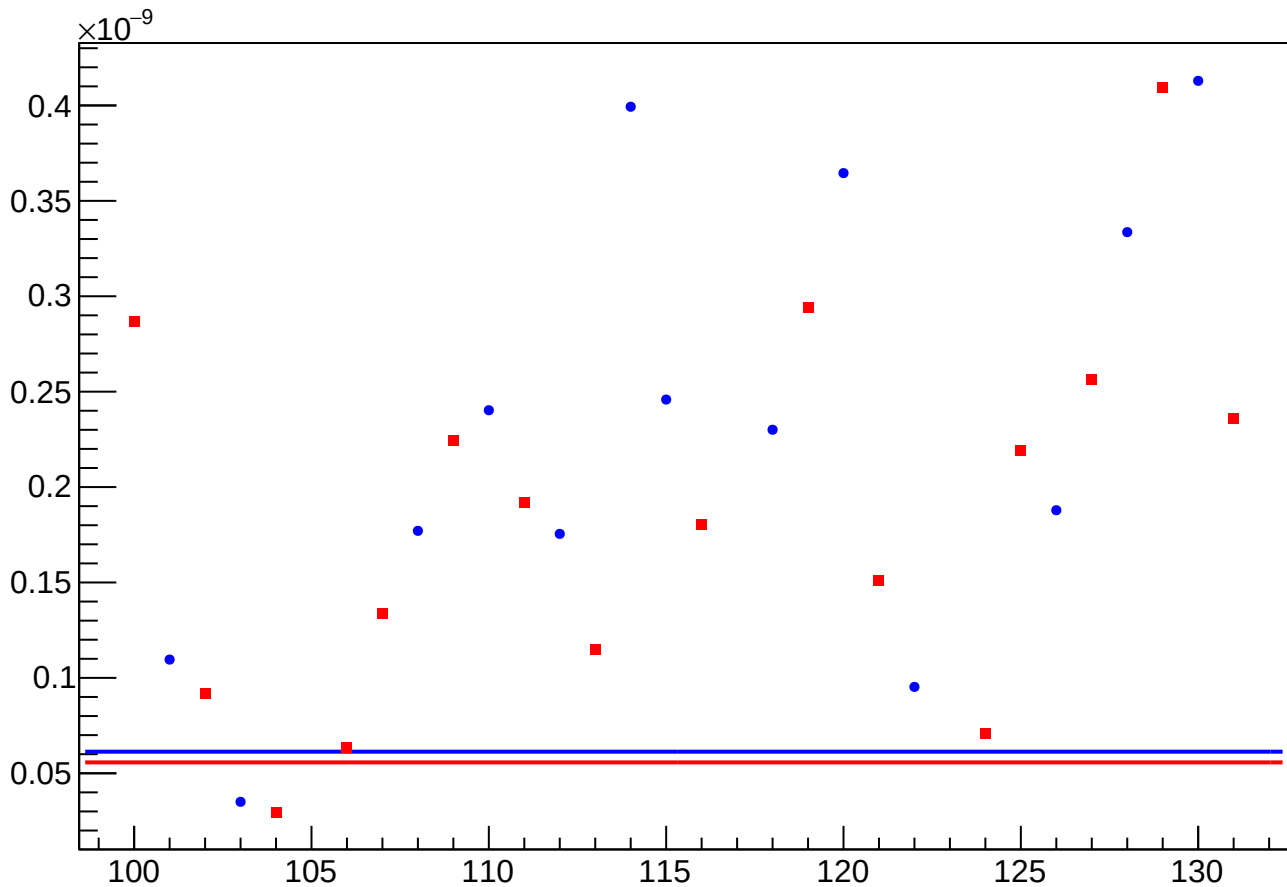
Right: 0.000+/-0.000 χ^2/NDF : 29.5/28

In: -0.000+/-0.000 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.5/28

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2435021.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2465909.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

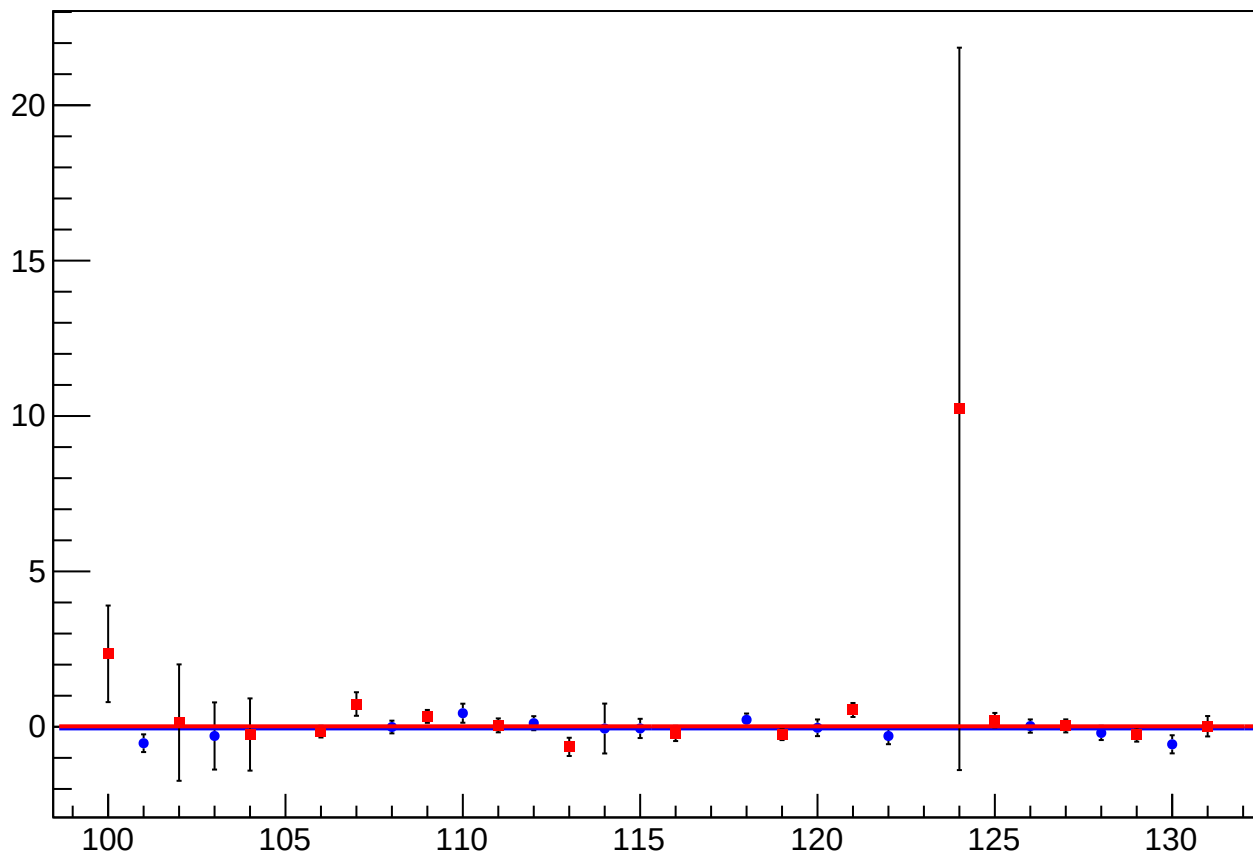
Right: 0.000+/-0.000 χ^2/NDF : 4912740.0/28

In: 0.000+/-0.000 χ^2/NDF : 2435021.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4912740.0/28

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.067 χ^2/NDF : 25.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

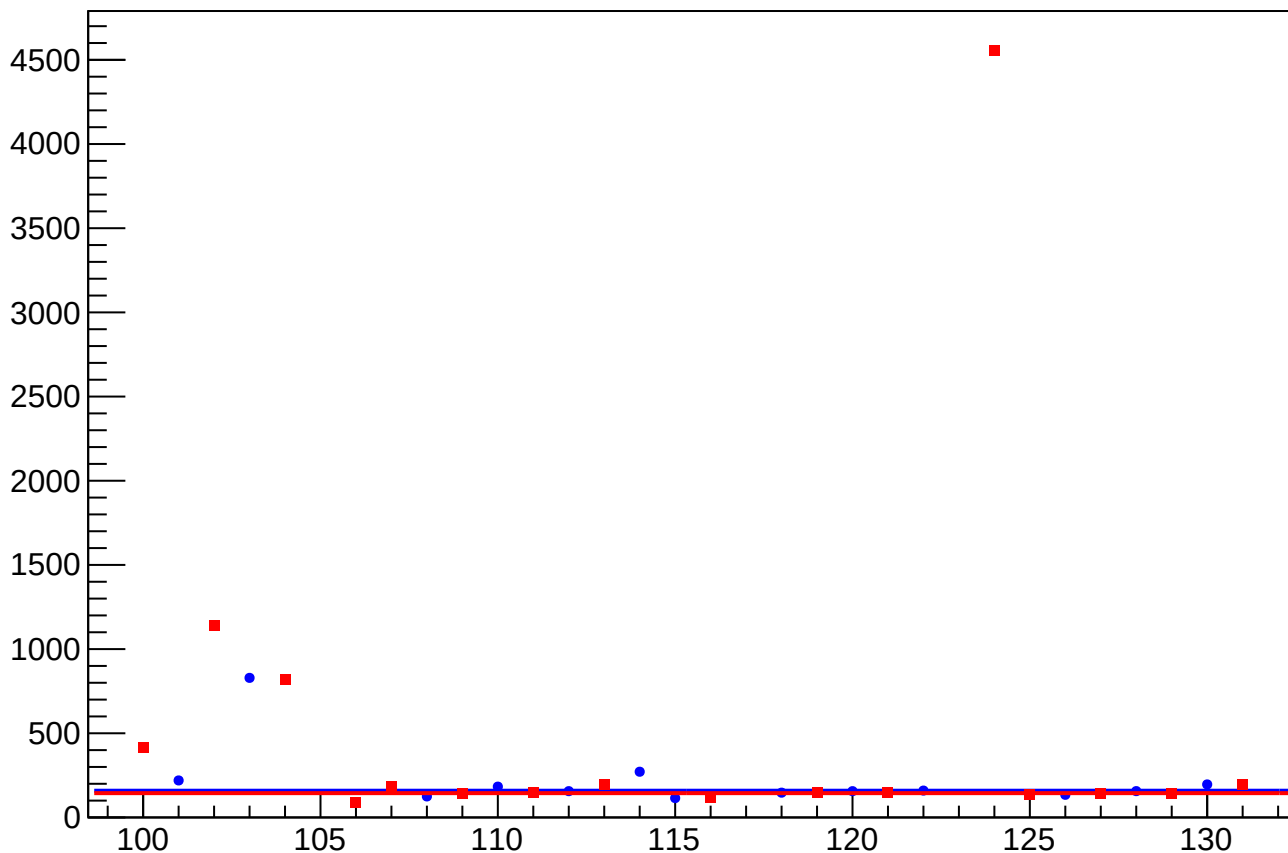
Right: -0.015 ± 0.049 χ^2/NDF : 37.9/28

In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.049 χ^2/NDF : 37.9/28

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.391+/-0.047 χ^2/NDF : 1920972.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

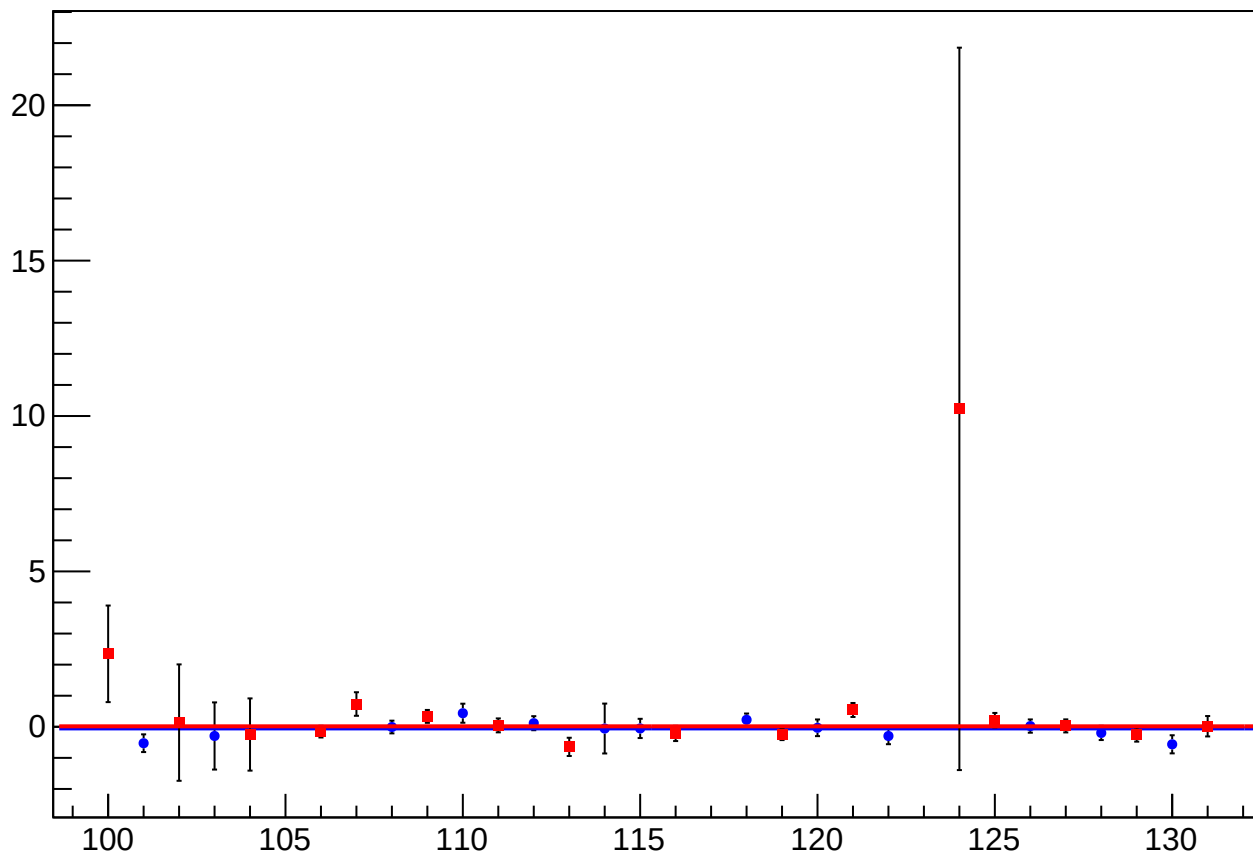
Right: 150.891+/-0.035 χ^2/NDF : 3037192.7/28

In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.891+/-0.035 χ^2/NDF : 3037192.7/28

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.067 χ^2/NDF : 25.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

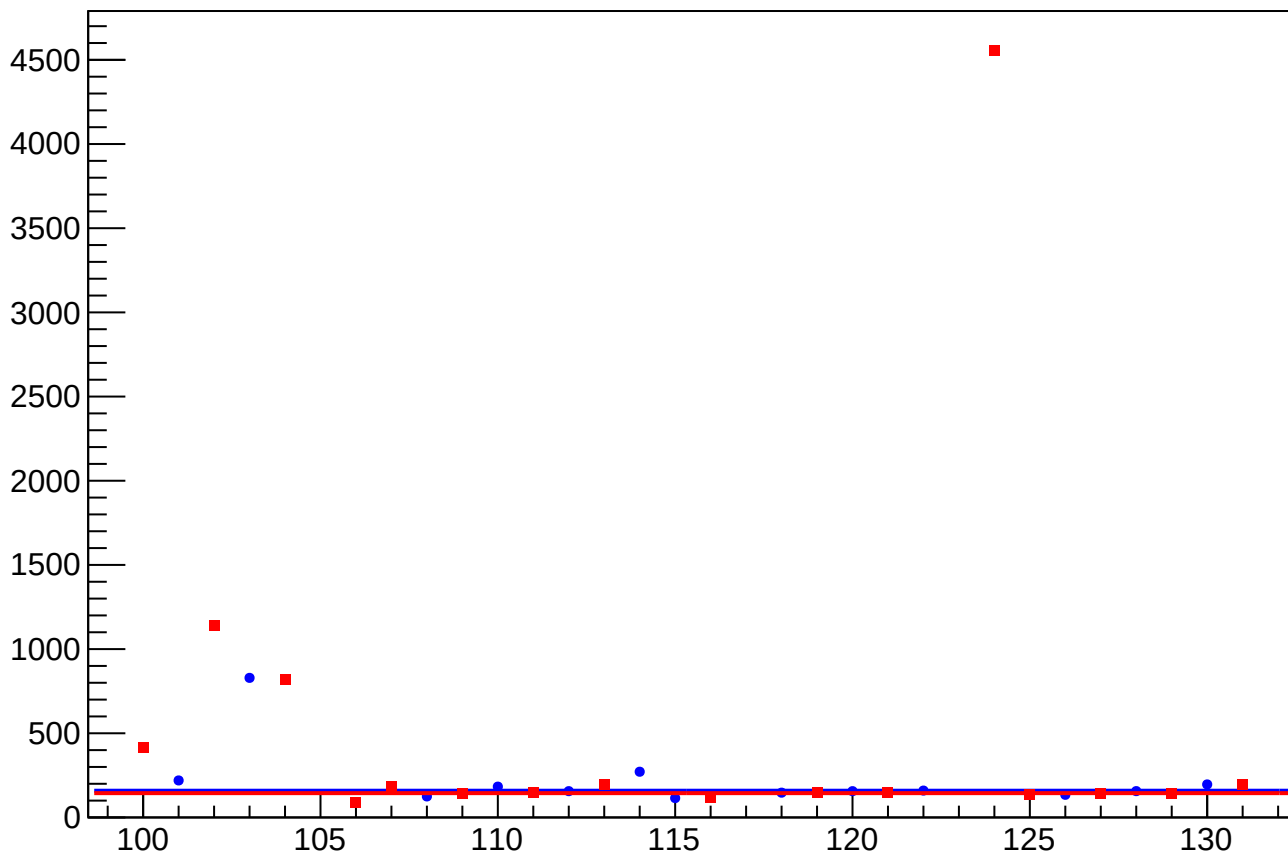
Right: -0.015 ± 0.049 χ^2/NDF : 37.9/28

In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.049 χ^2/NDF : 37.9/28

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.391+/-0.047 χ^2/NDF : 1920972.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

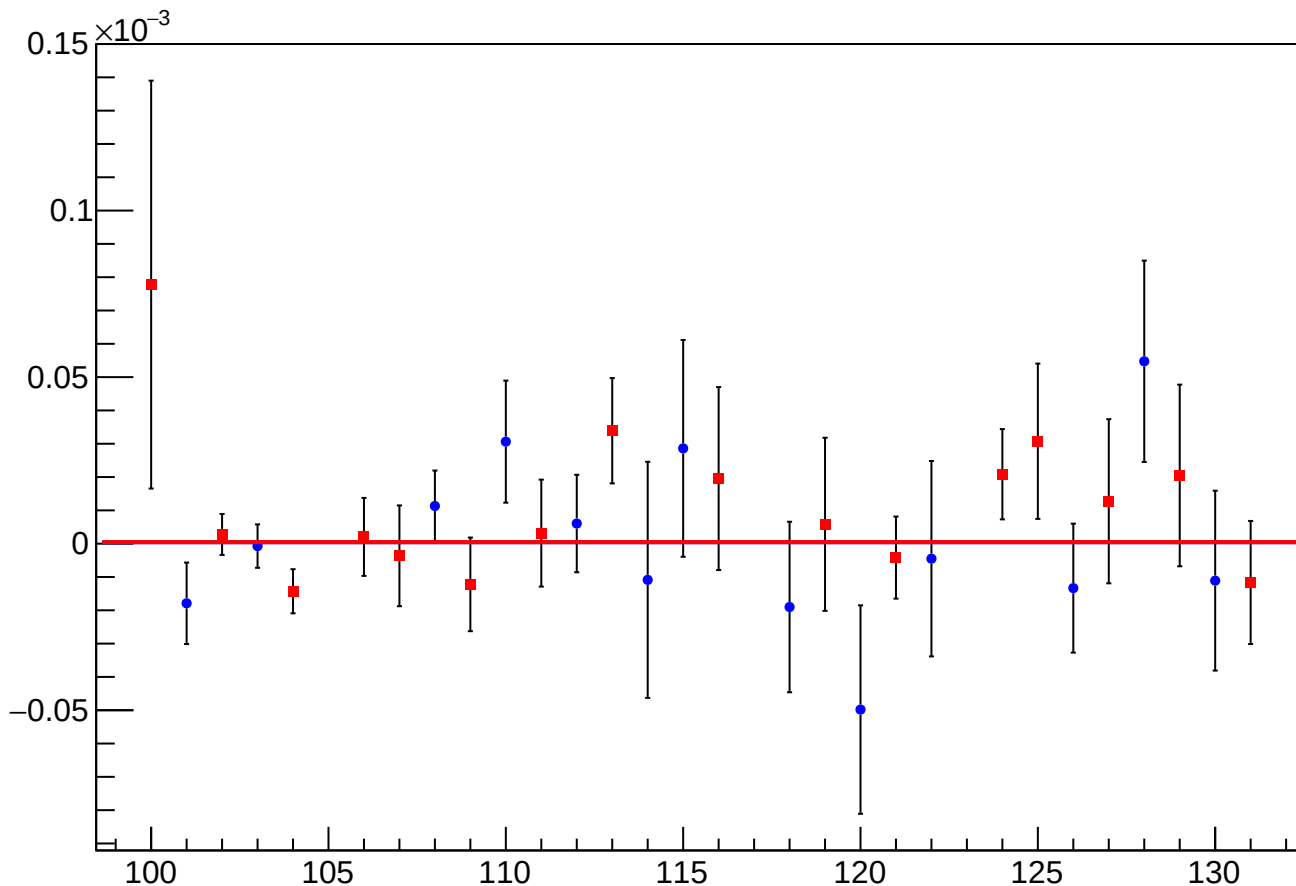
Right: 150.891+/-0.035 χ^2/NDF : 3037192.7/28

In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.891+/-0.035 χ^2/NDF : 3037192.7/28

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 : 14.1/12

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

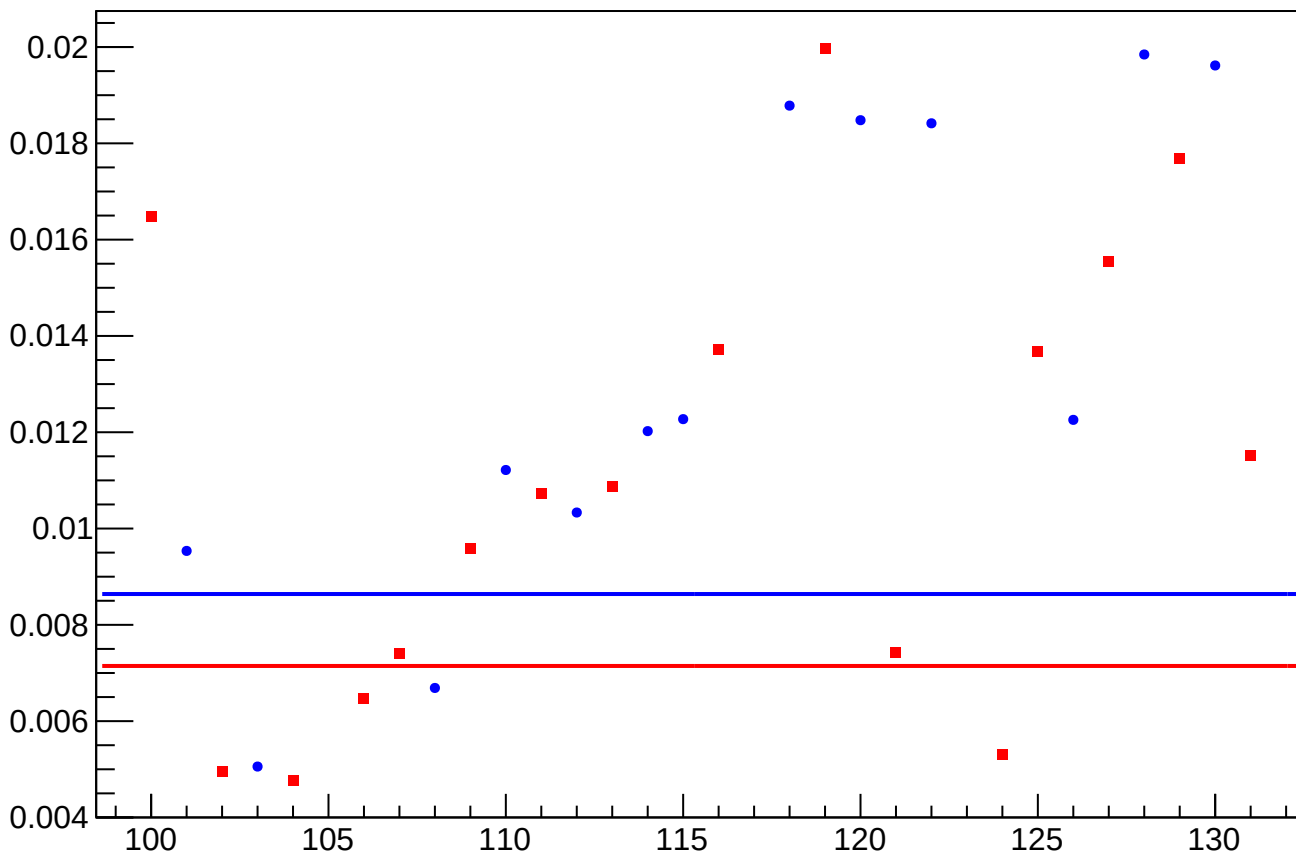
Right: 0.000+/-0.000 χ^2/NDF : 32.1/28

In: 0.000+/-0.000 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.1/28

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2201081.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2277899.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

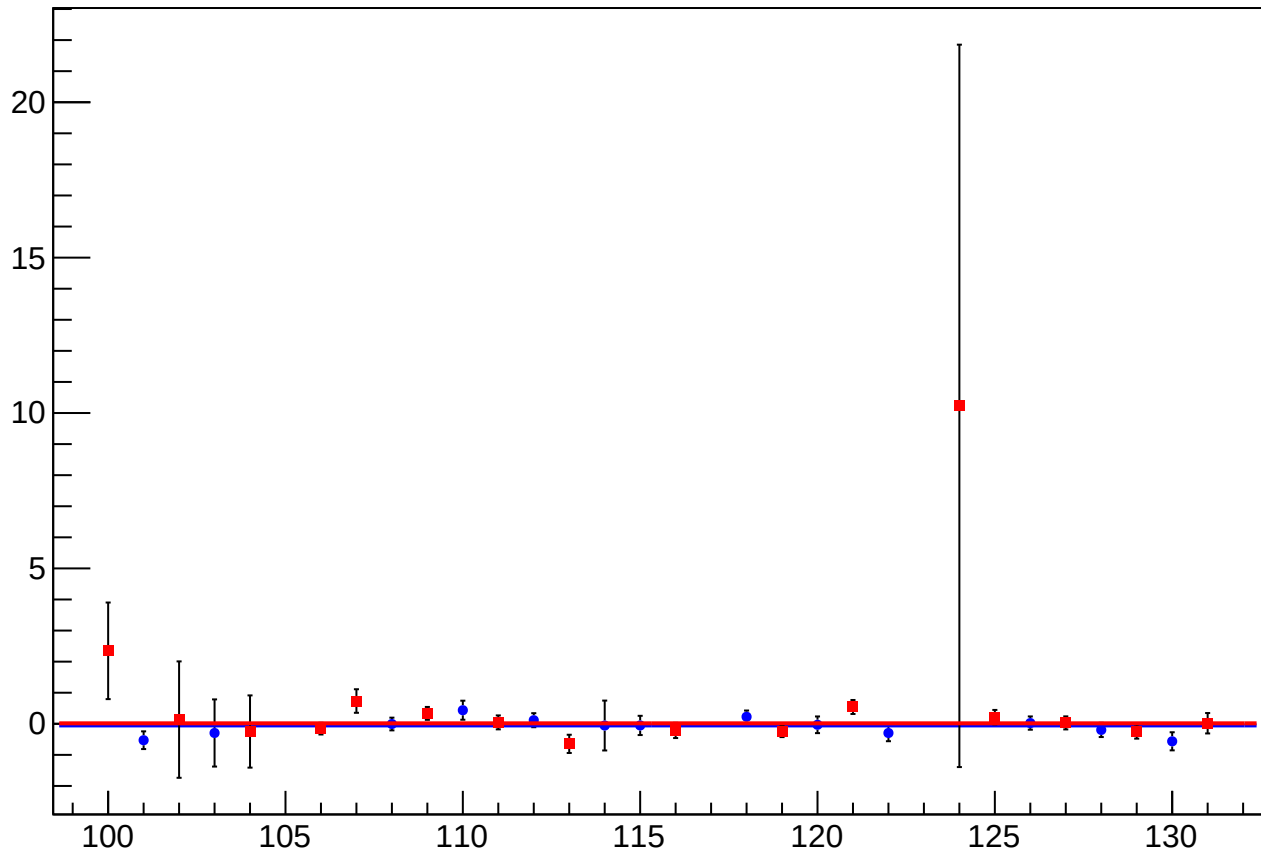
Right: 0.008+/-0.000 χ^2/NDF : 4639533.5/28

In: 0.009+/-0.000 χ^2/NDF :2201081.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 4639533.5/28

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.067 χ^2/NDF : 25.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

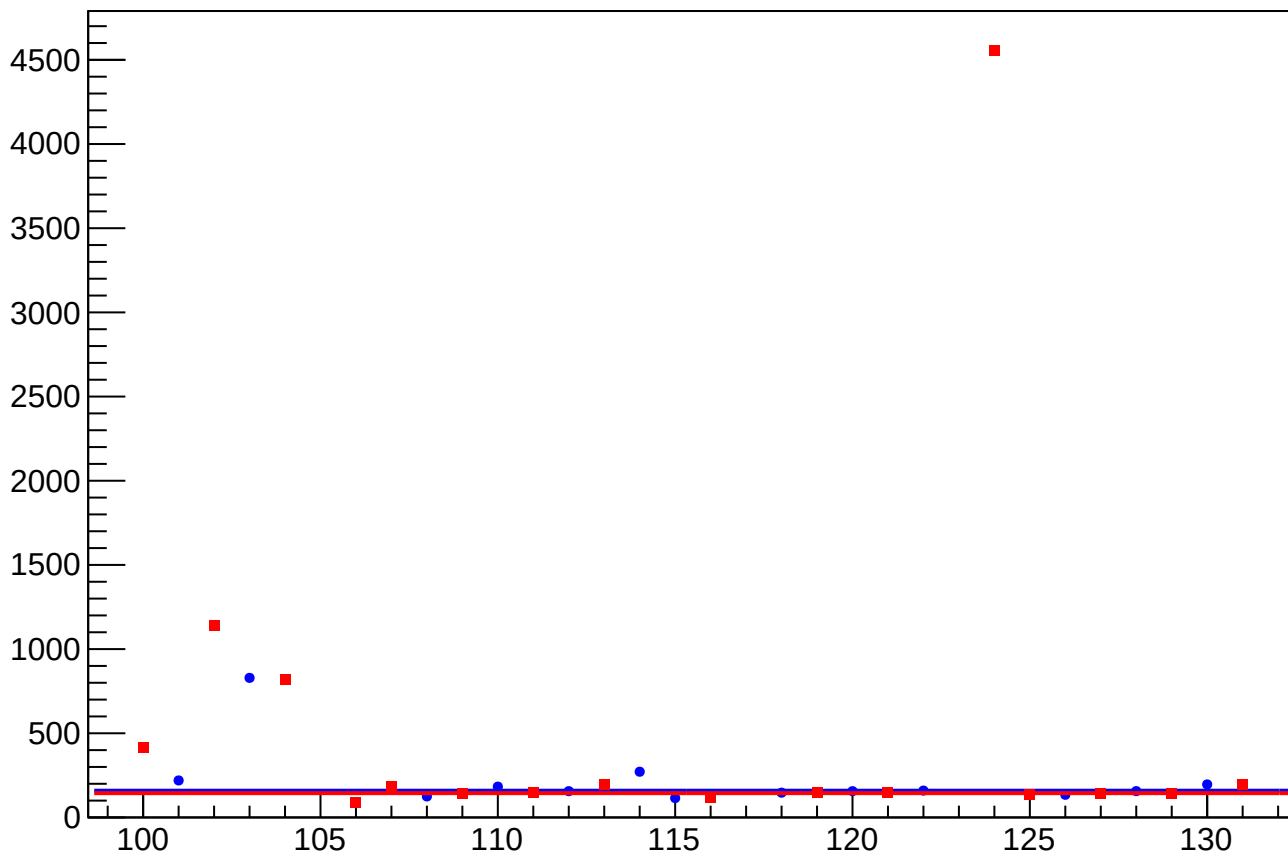
Right: -0.015 ± 0.049 χ^2/NDF : 37.9/28

In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.049 χ^2/NDF : 37.9/28

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.390+/-0.047 χ^2/NDF : 1920974.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

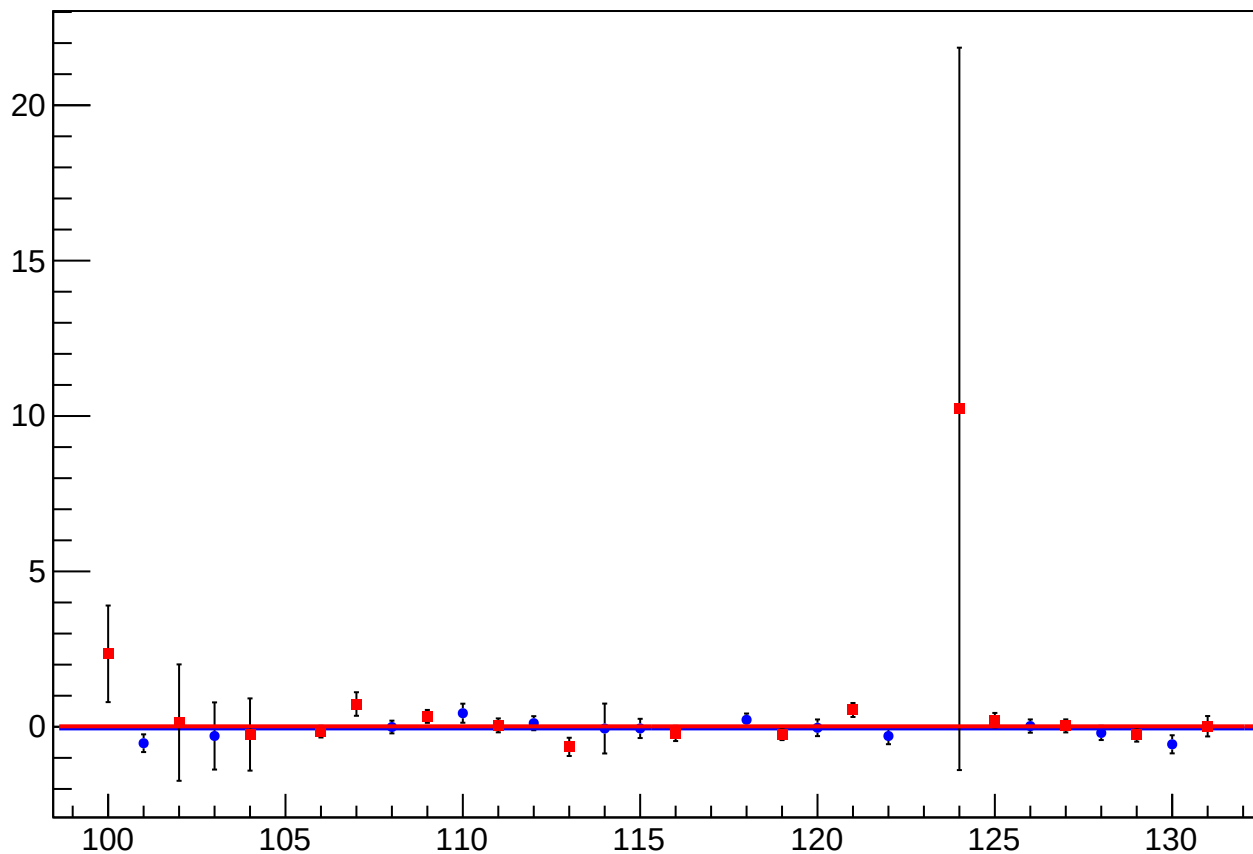
Right: 150.890+/-0.035 χ^2/NDF : 3037174.7/28

In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.890+/-0.035 χ^2/NDF : 3037174.7/28

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.074 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.067 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

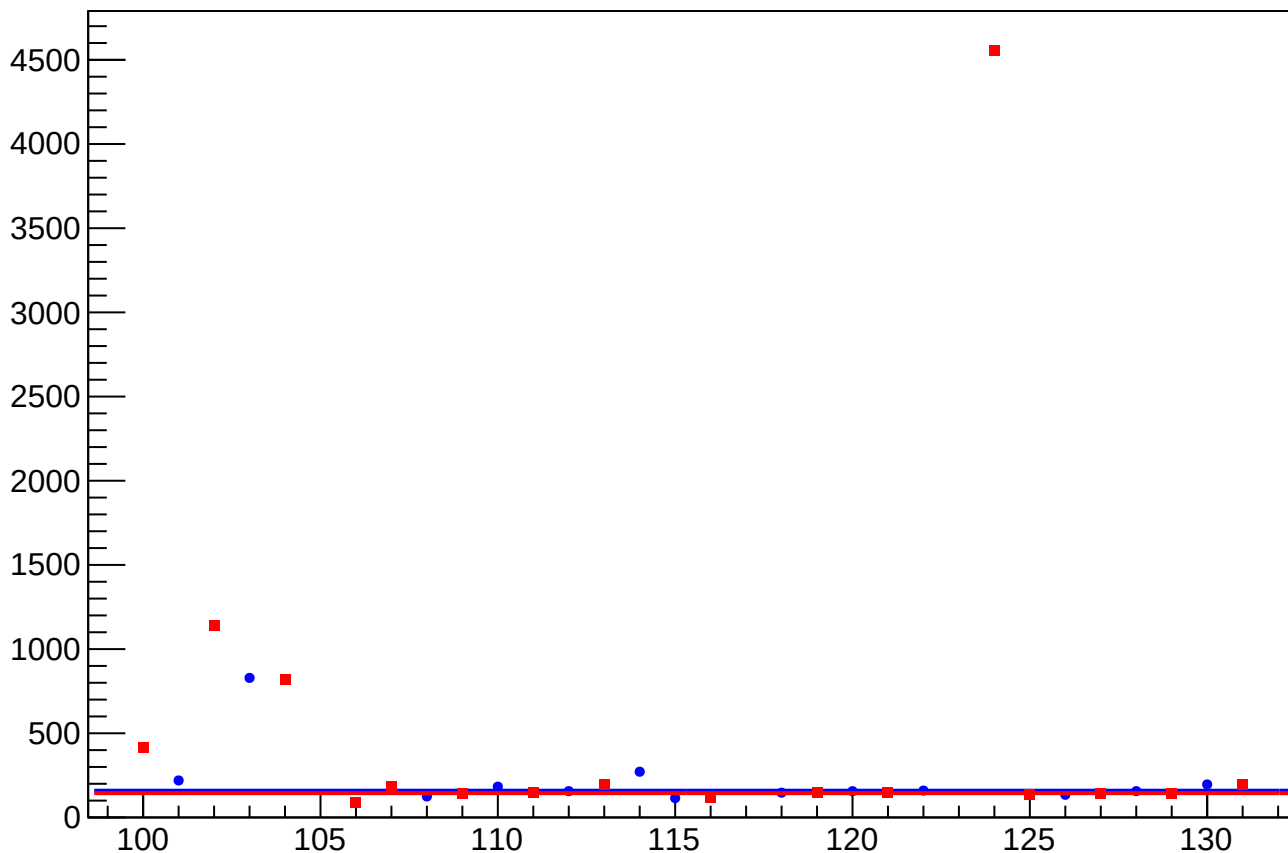
Right: -0.015+/-0.049 χ^2/NDF : 37.9/28

In: -0.052+/-0.074 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.049 χ^2/NDF : 37.9/28

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.390+/-0.047 χ^2/NDF : 1920974.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

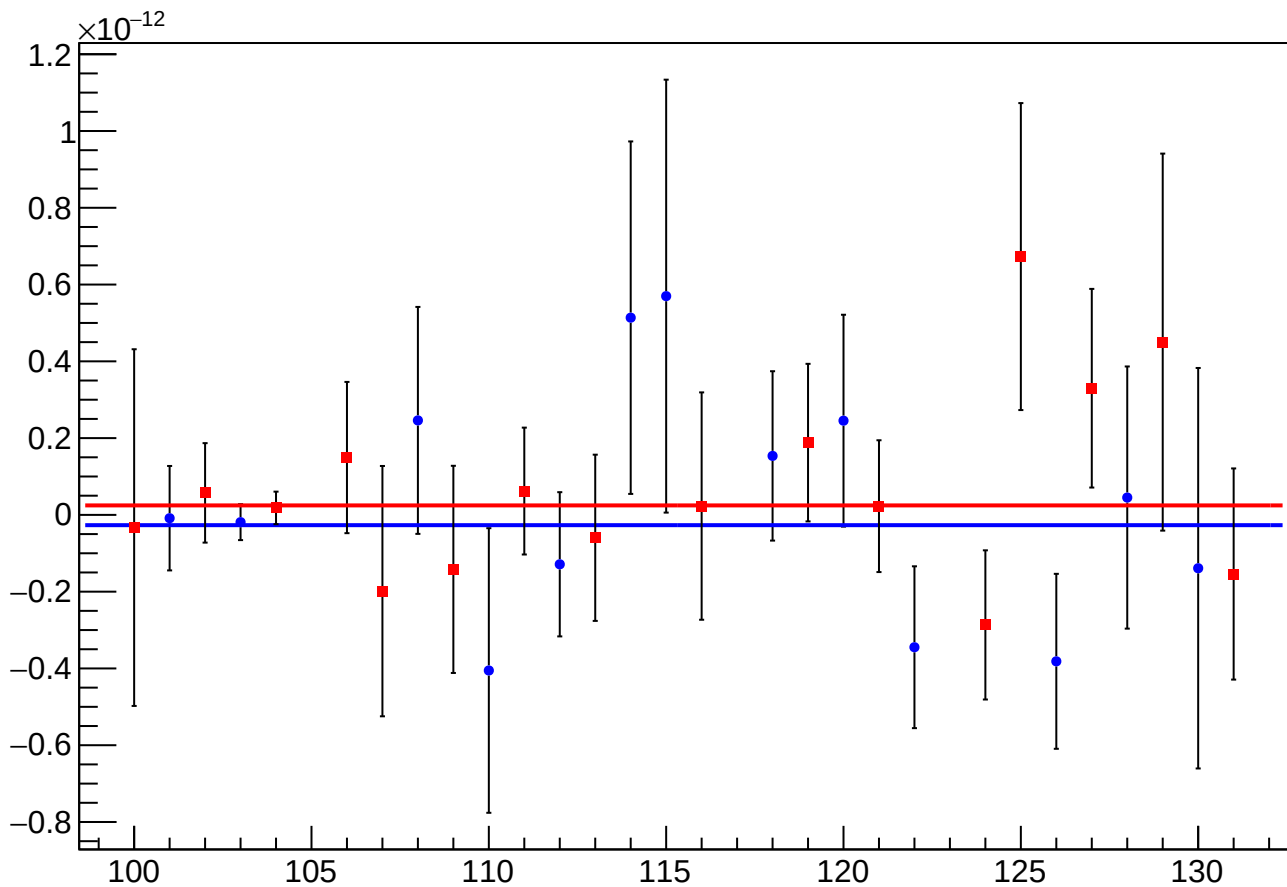
Right: 150.890+/-0.035 χ^2/NDF : 3037174.7/28

In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.890+/-0.035 χ^2/NDF : 3037174.7/28

asym_atl_avg_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

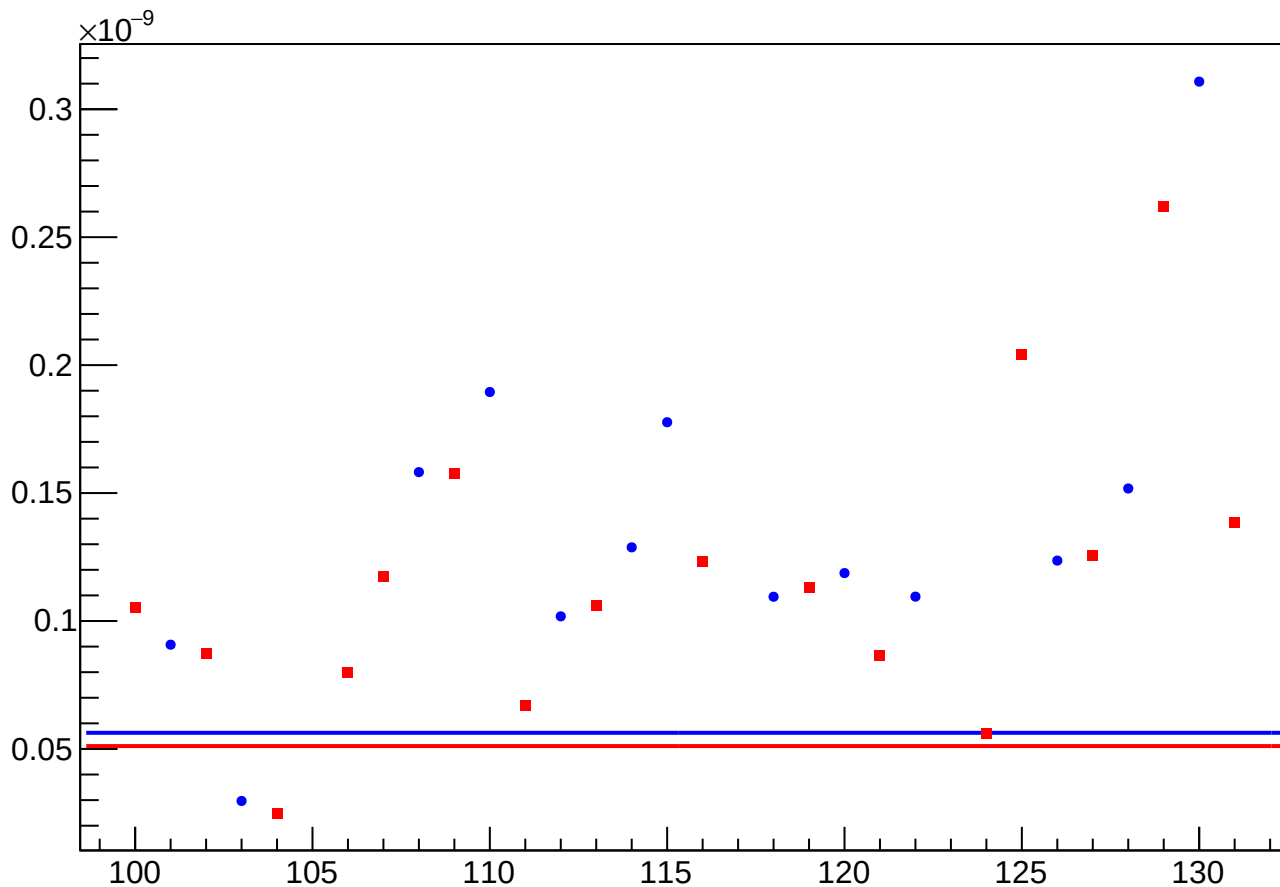
Right: 0.000+/-0.000 χ^2/NDF : 22.1/28

In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.1/28

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 : 2685176.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2962359.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

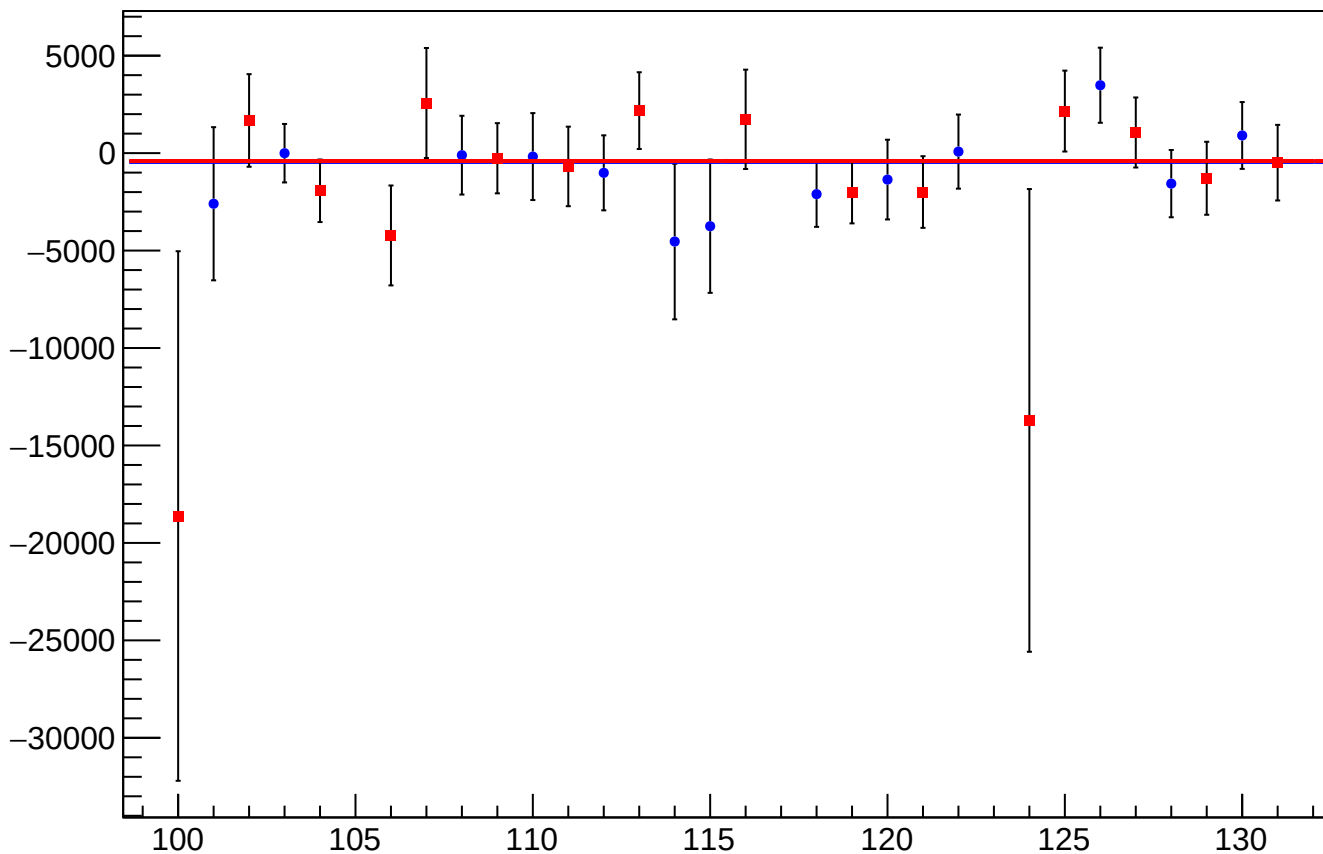
Right: 0.000+/-0.000 χ^2/NDF : 5667534.0/28

In: 0.000+/-0.000 χ^2/NDF : 2685176.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5667534.0/28

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.382+/-526.730 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

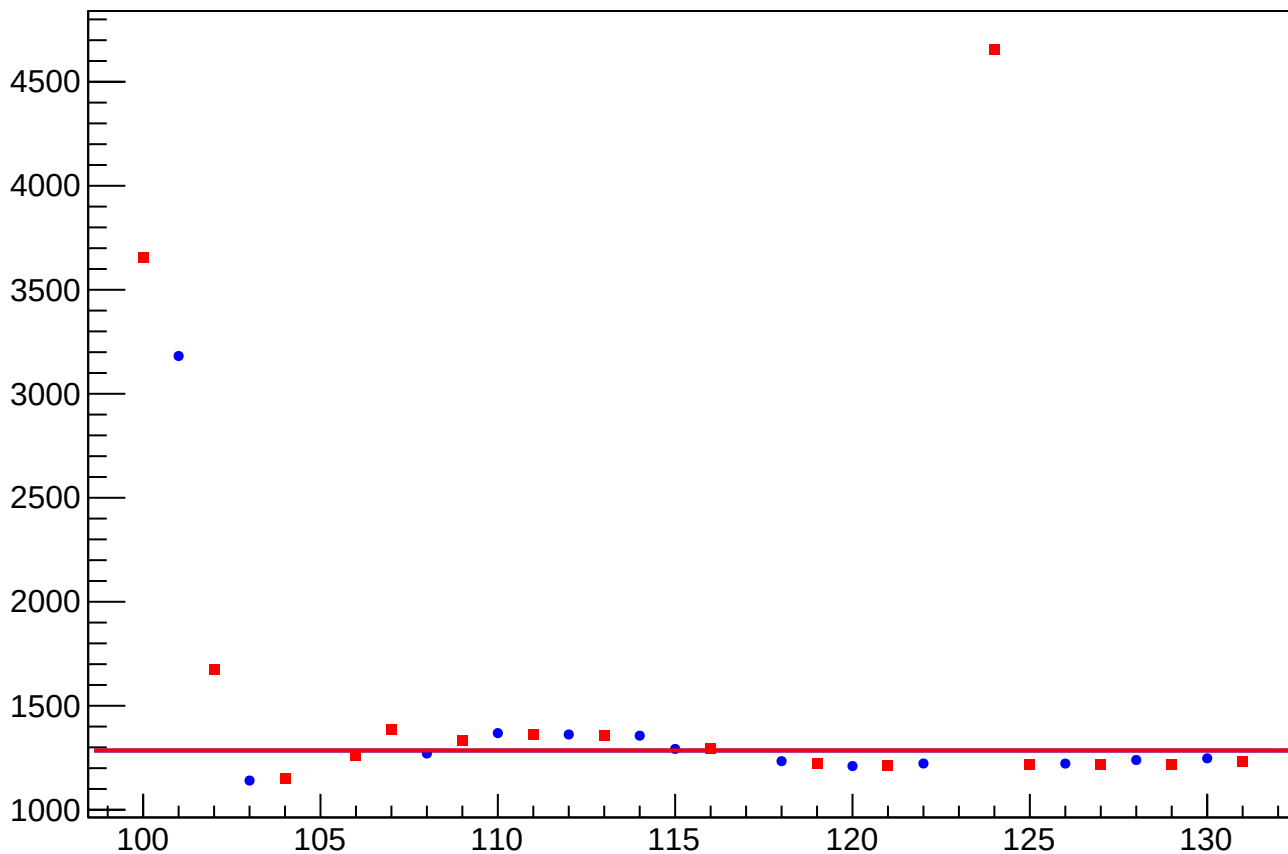
Right: -425.878+/-383.662 χ^2/NDF : 23.7/28

In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.878+/-383.662 χ^2/NDF : 23.7/28

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.314+/-0.372 χ^2/NDF : 315906.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

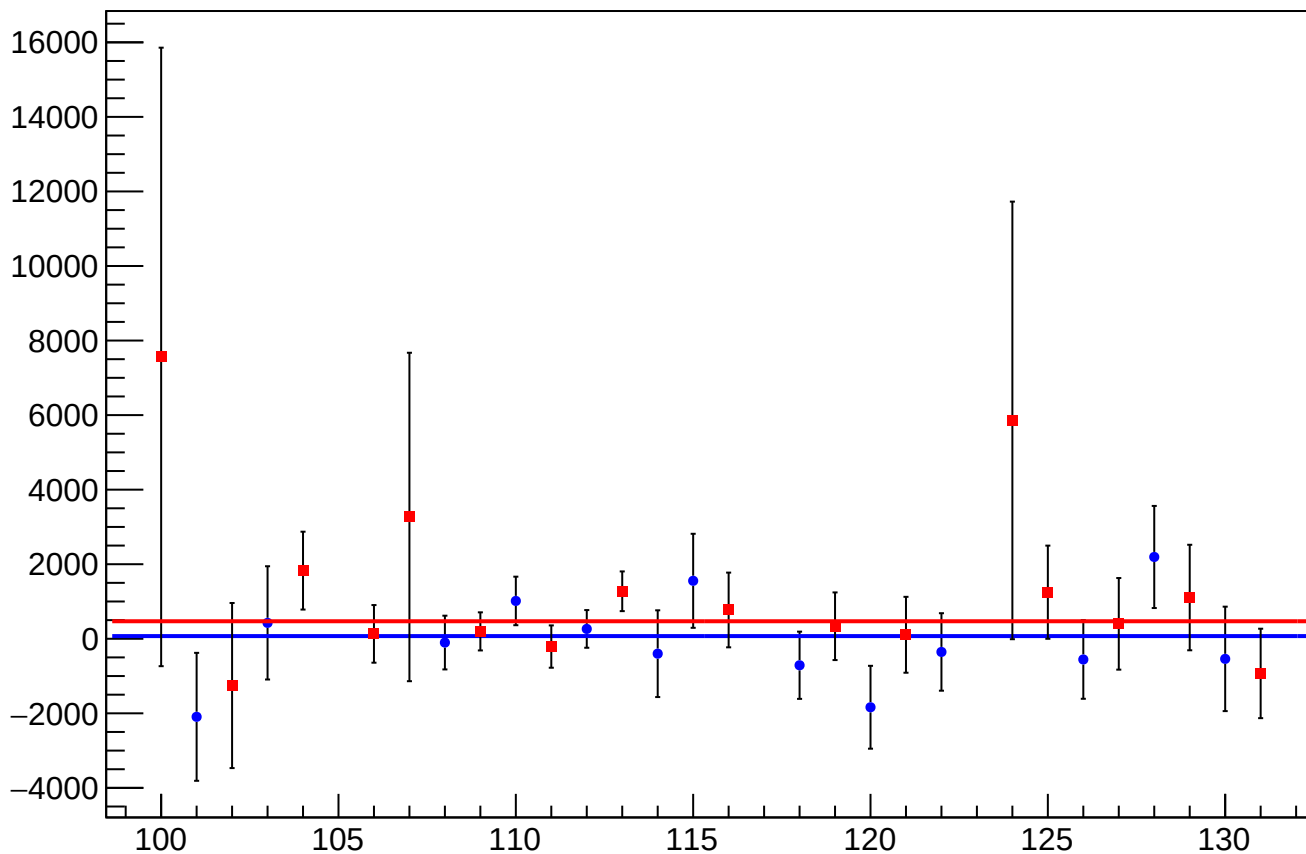
Right: 1285.049+/-0.271 χ^2/NDF : 818579.3/28

In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.049+/-0.271 χ^2/NDF : 818579.3/28

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.896+/-229.301 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

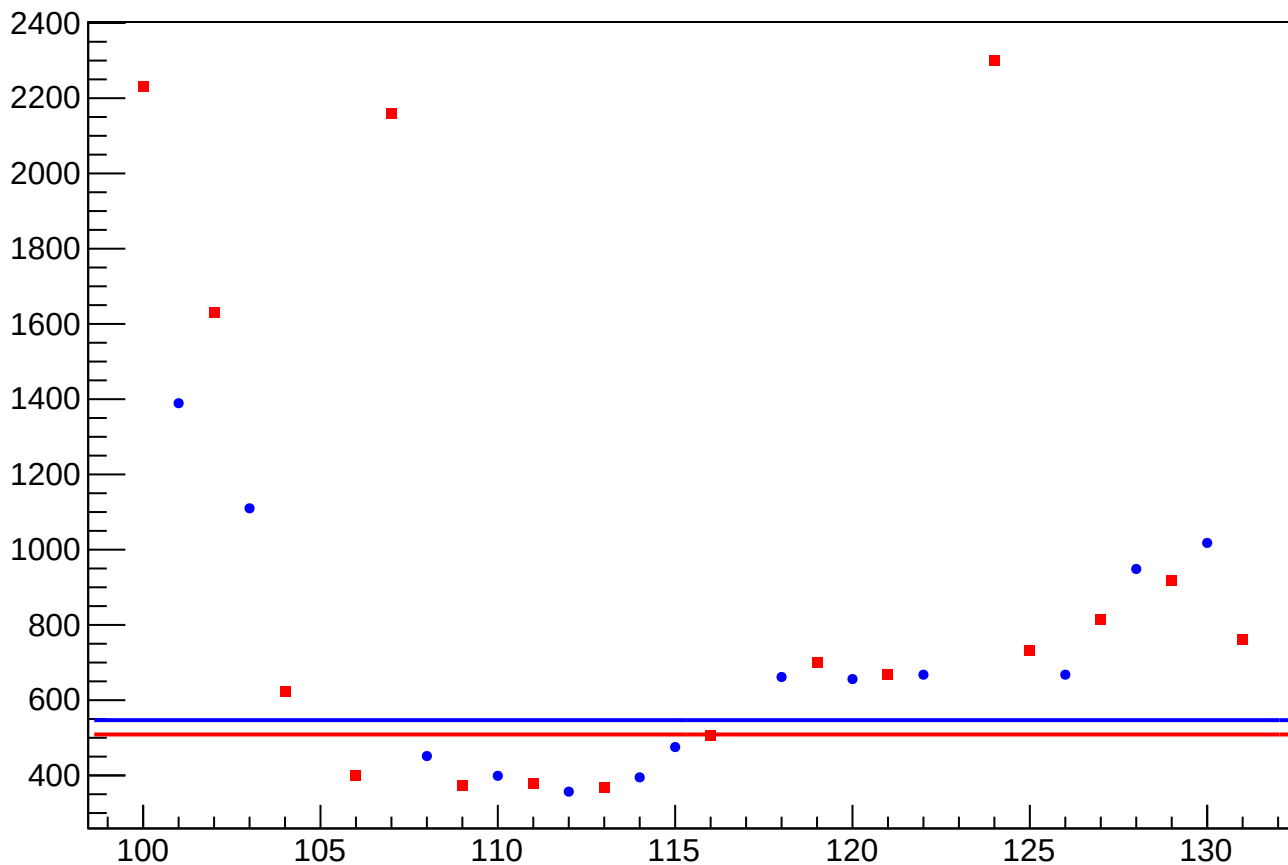
Right: 292.785+/-170.836 χ^2/NDF : 24.3/28

In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.785+/-170.836 χ^2/NDF : 24.3/28

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 508.830+/-0.162 χ^2/NDF : 2097413.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

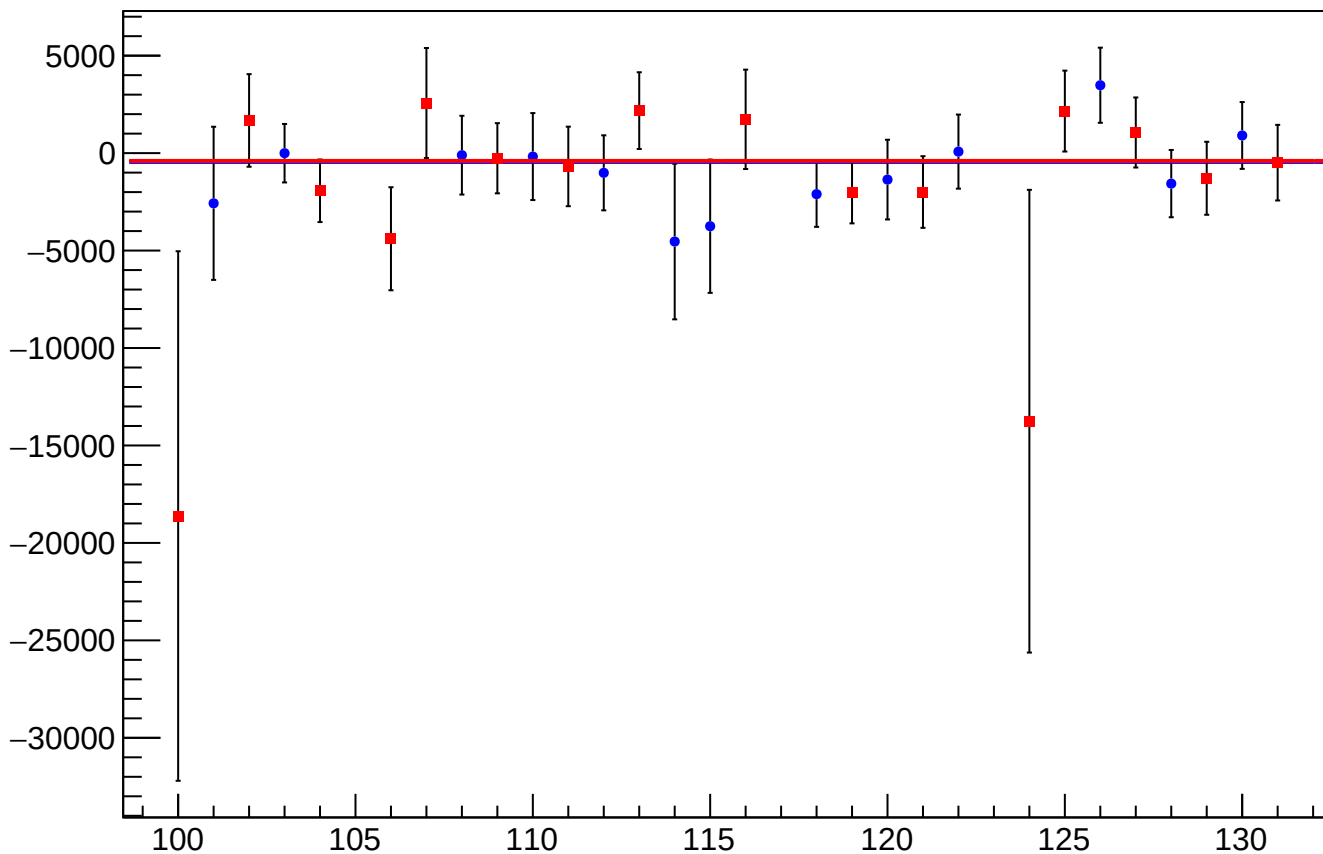
Right: 525.778+/-0.121 χ^2/NDF : 3843646.5/28

In: 546.921+/-0.181 χ^2/NDF :1721677.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 525.778+/-0.121 χ^2/NDF : 3843646.5/28

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

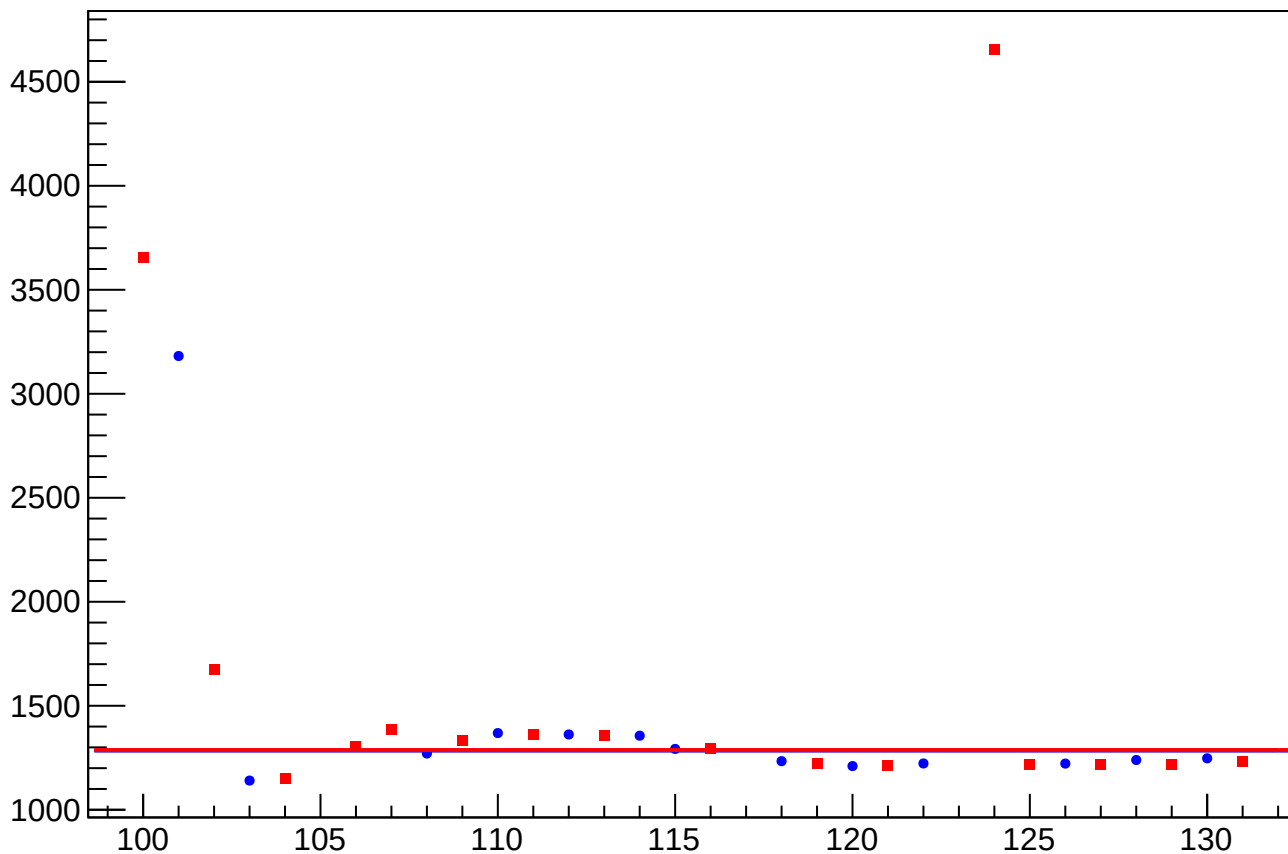
Right: -424.168+/-383.920 χ^2/NDF : 23.7/28

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.168+/-383.920 χ^2/NDF : 23.7/28

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

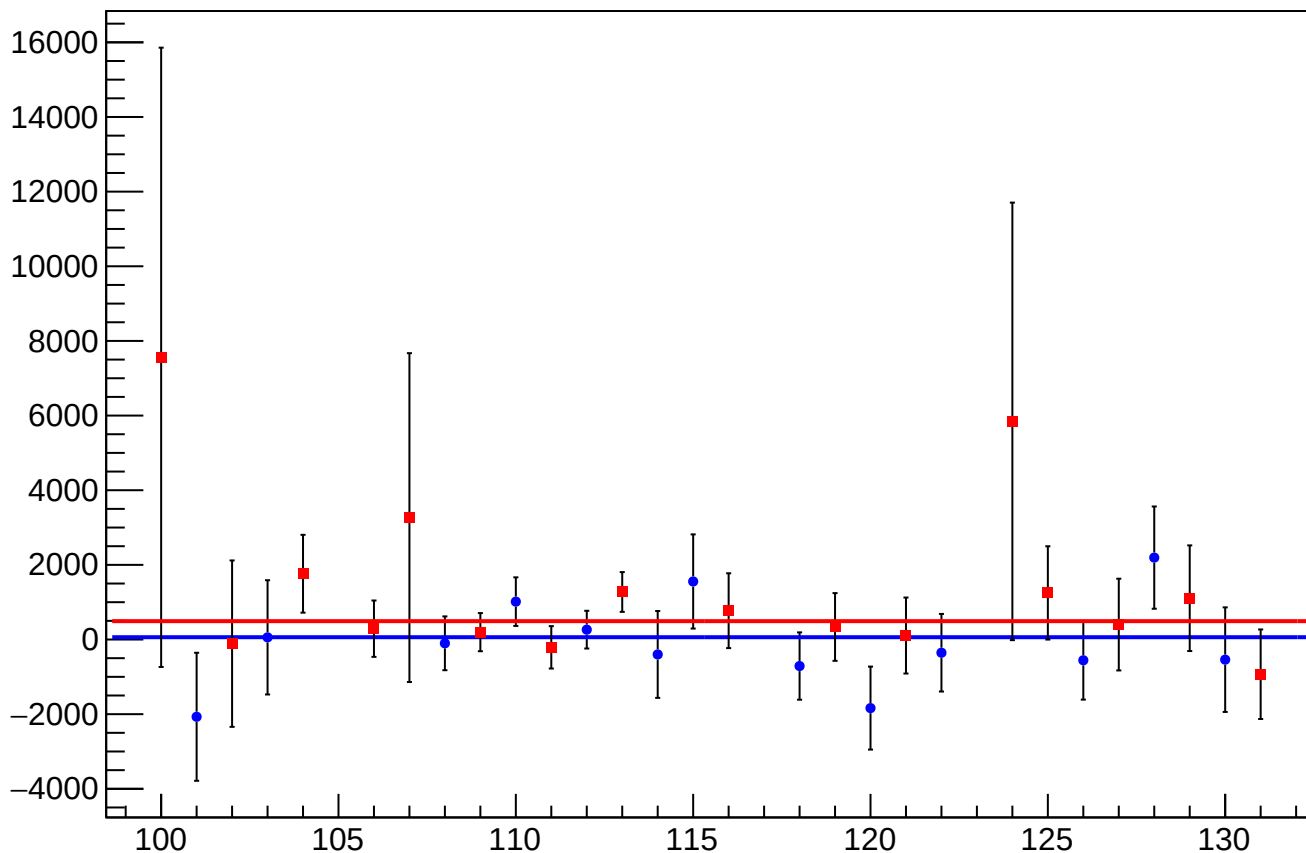
Right: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

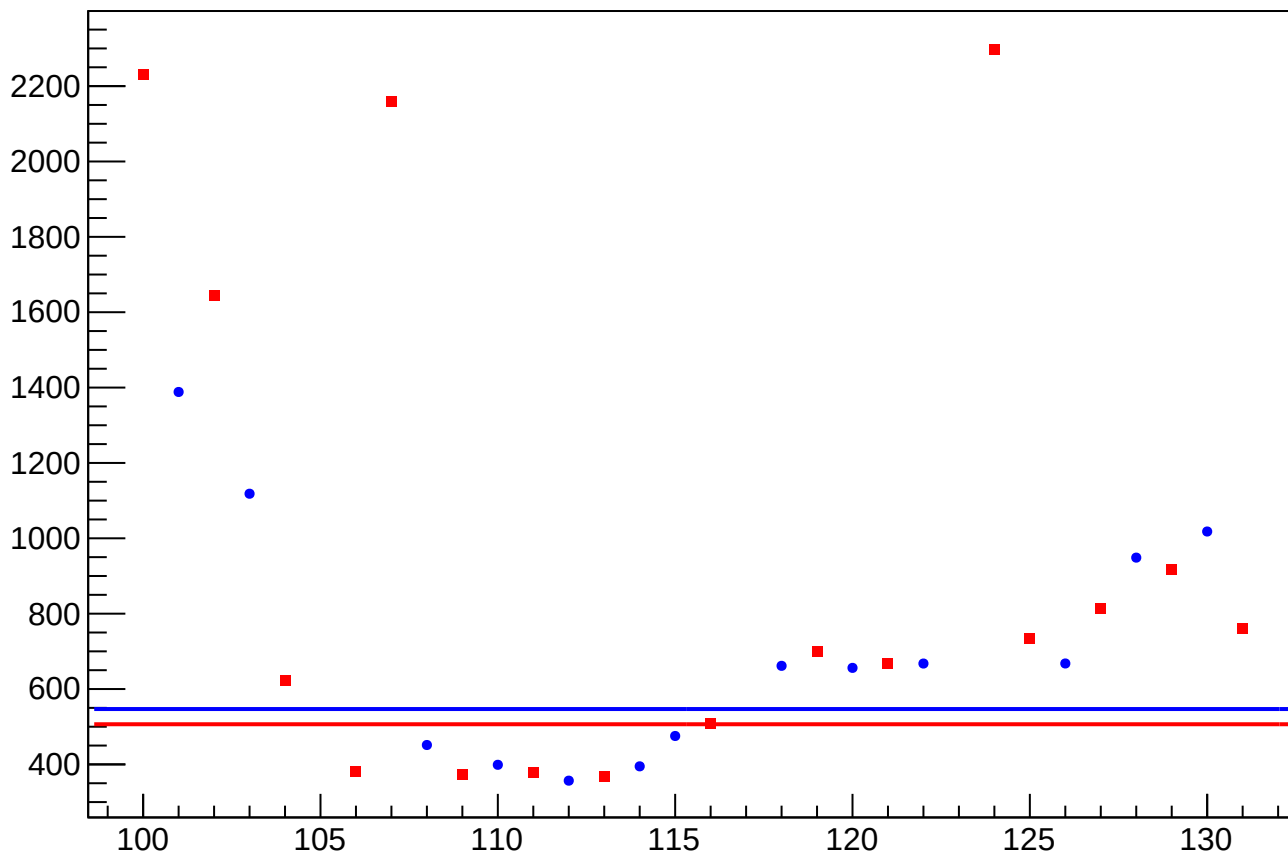
Right: 301.248+/-170.646 χ^2/NDF : 23.6/28

In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.248+/-170.646 χ^2/NDF : 23.6/28

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

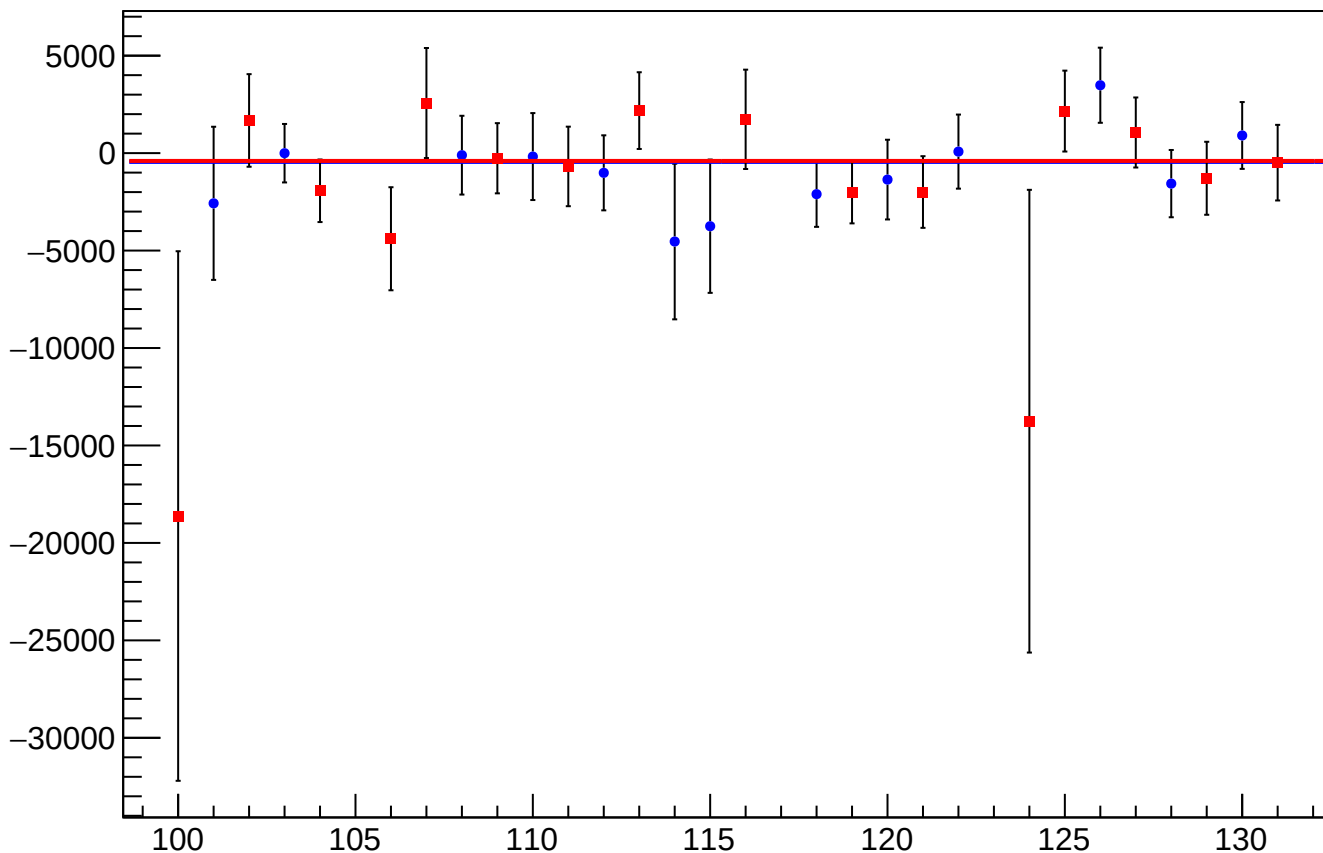
Right: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

In: 546.929+/-0.181 χ^2/NDF :1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

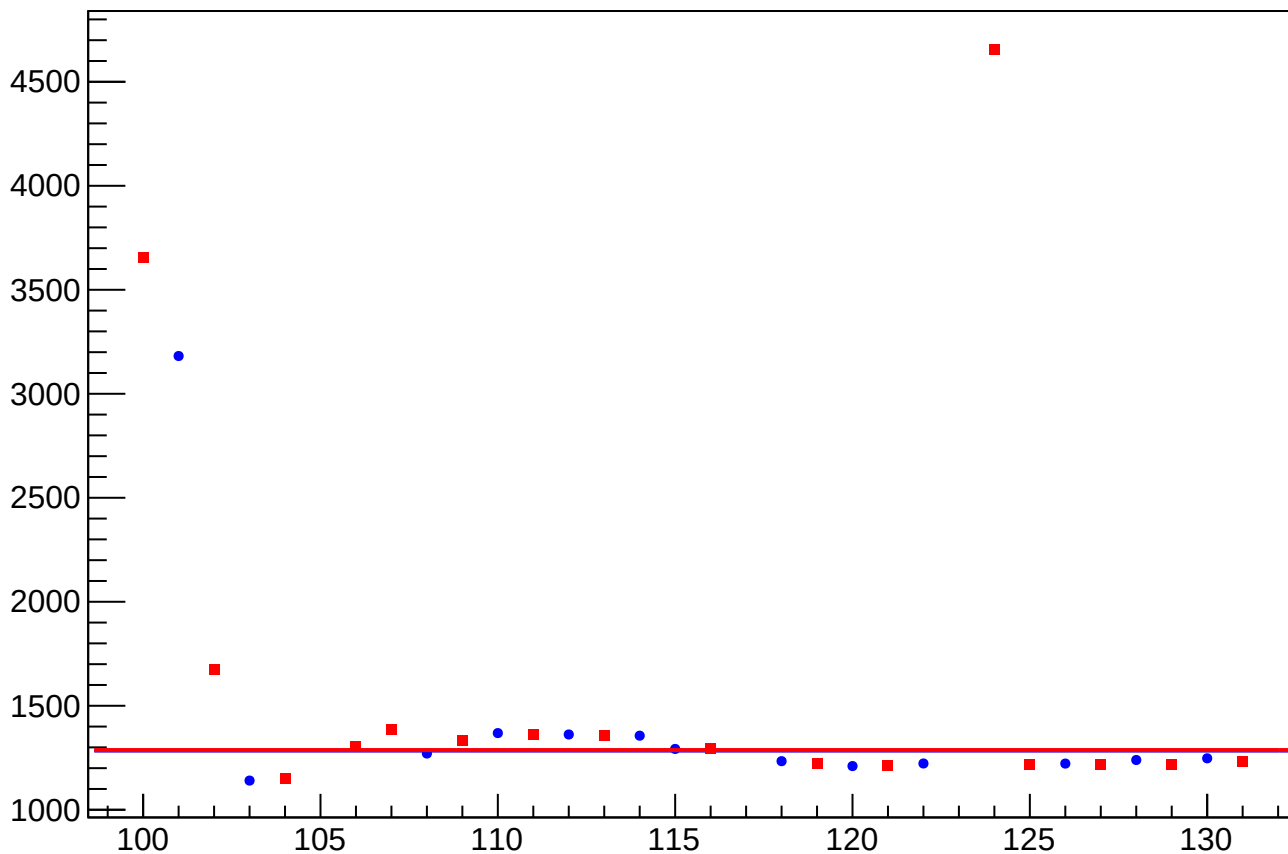
Right: -424.168+/-383.920 χ^2/NDF : 23.7/28

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.168+/-383.920 χ^2/NDF : 23.7/28

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

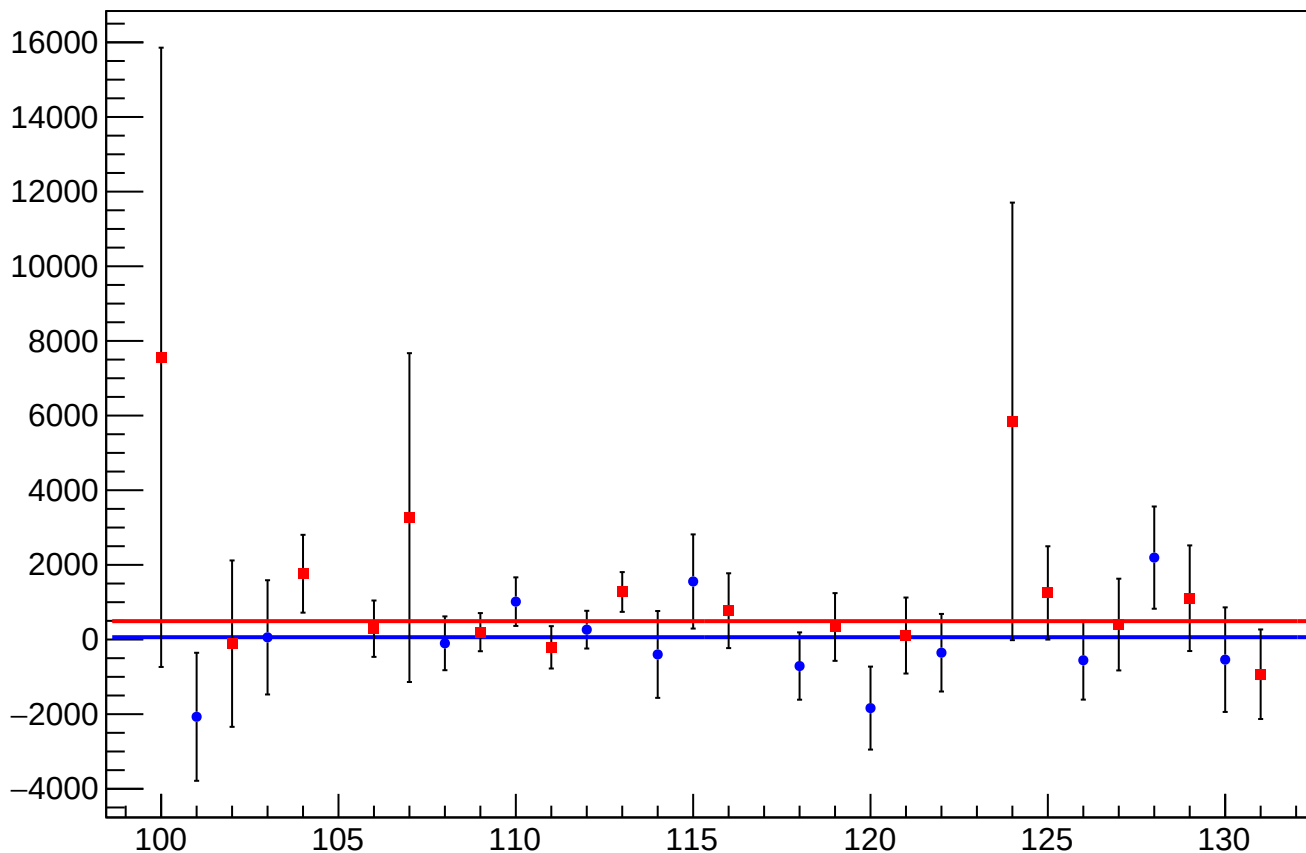
Right: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

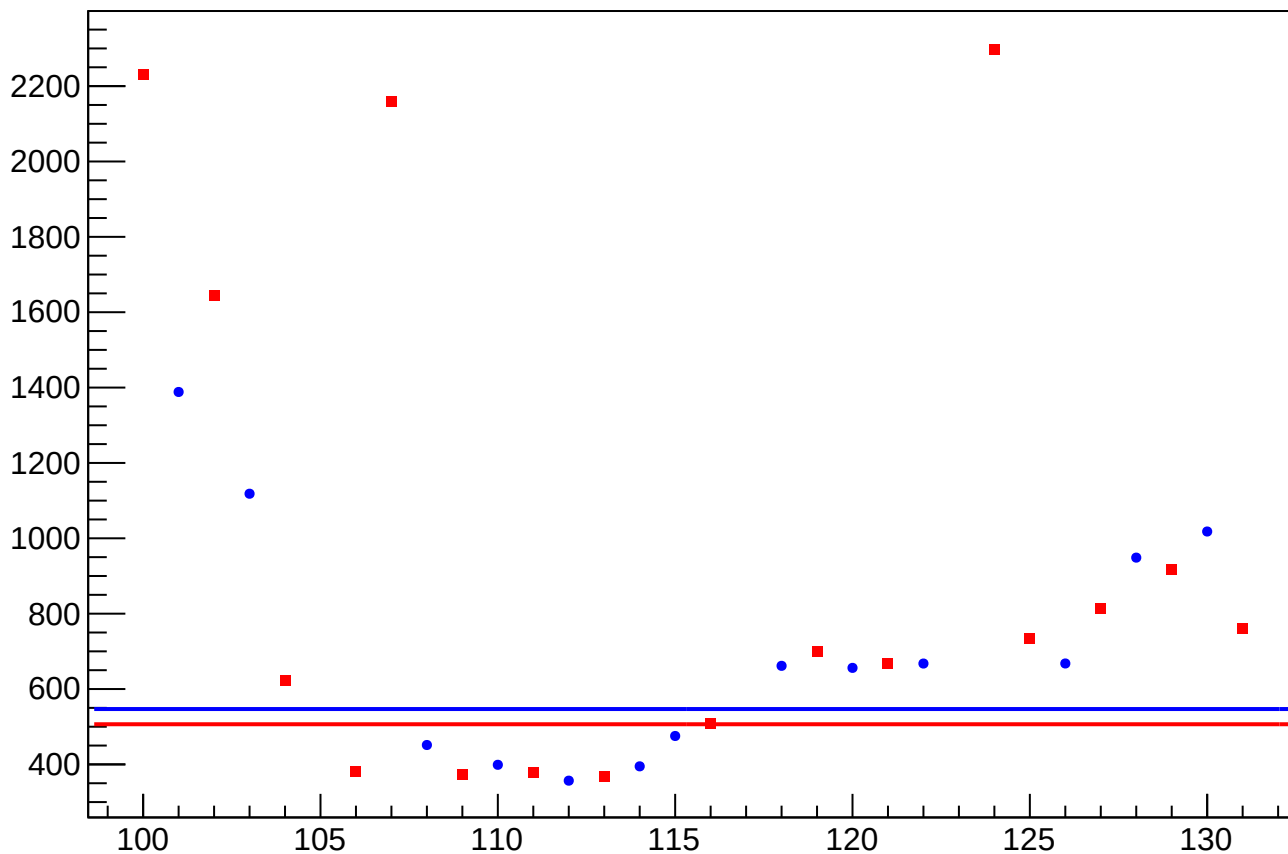
Right: 301.248+/-170.646 χ^2/NDF : 23.6/28

In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.248+/-170.646 χ^2/NDF : 23.6/28

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

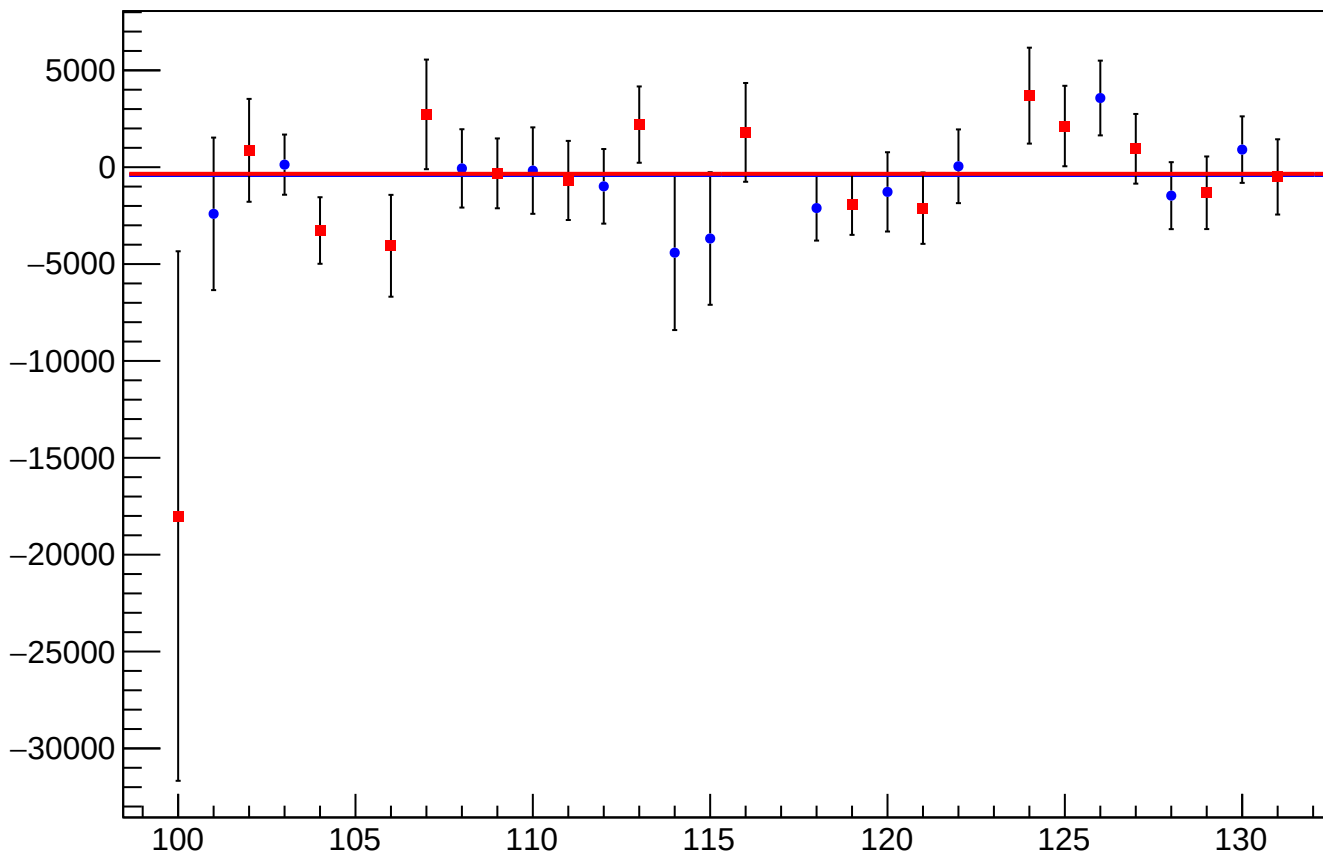
Right: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -341.558+/-522.512 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

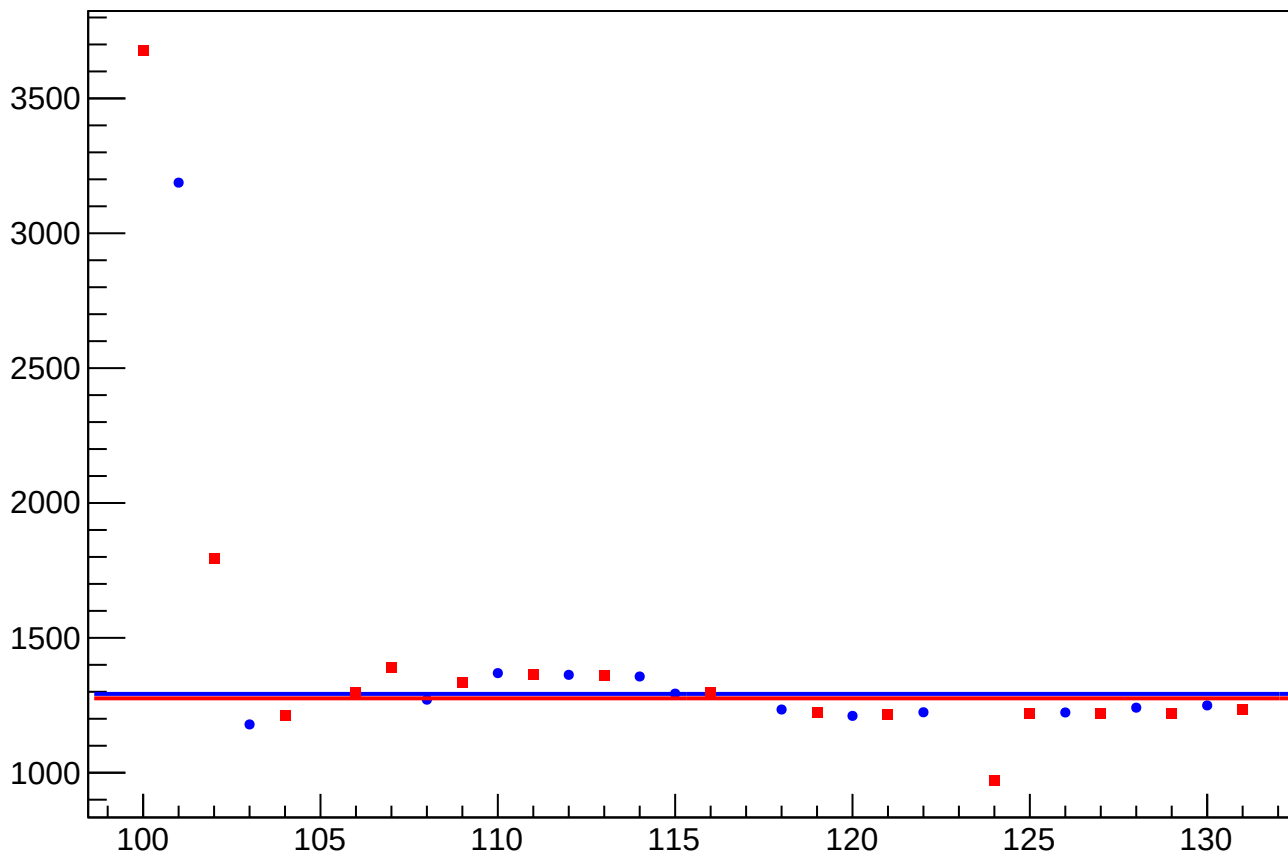
Right: -370.007+/-383.002 χ^2/NDF : 26.0/28

In: -403.040+/-563.051 χ^2/NDF :8.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -370.007+/-383.002 χ^2/NDF : 26.0/28

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

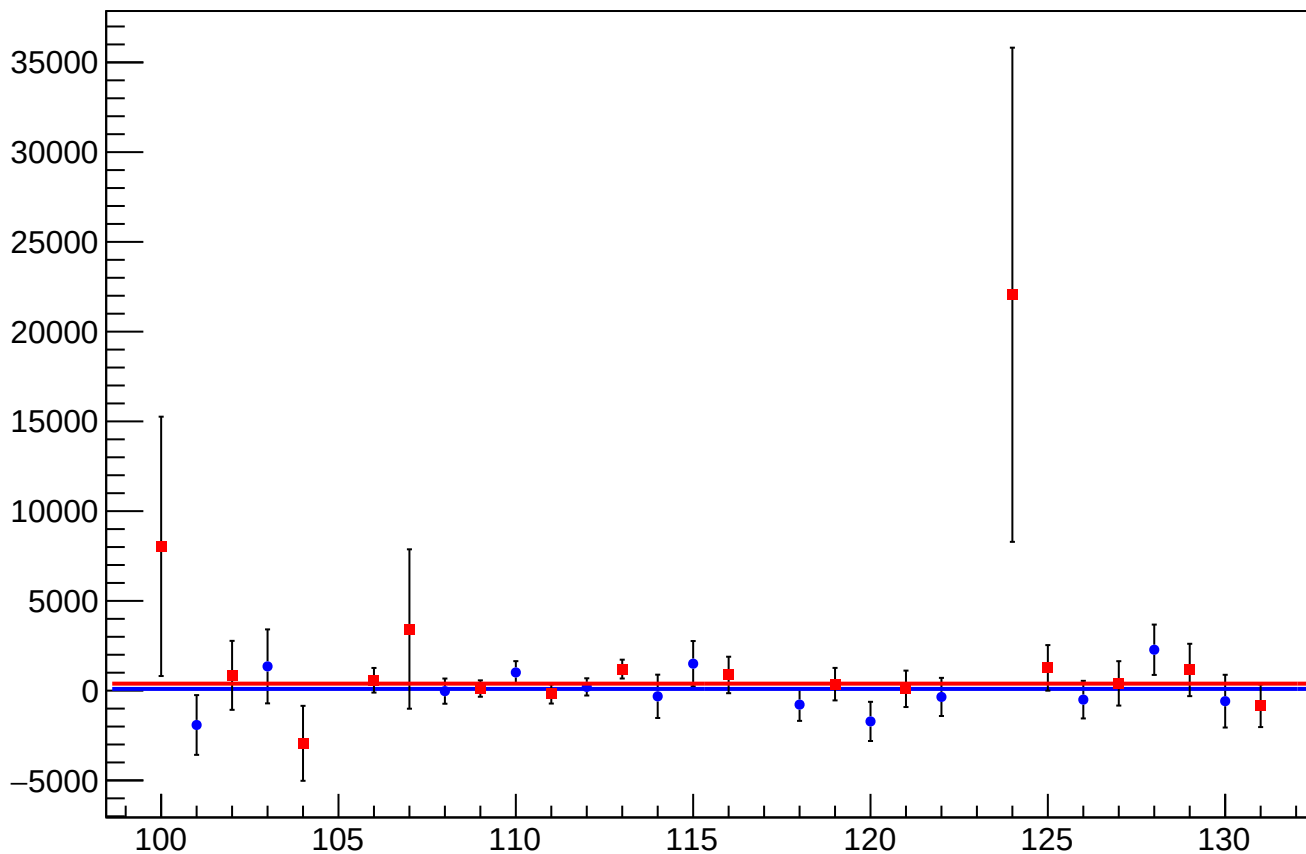
Right: 1283.391+/-0.271 χ^2/NDF : 689299.3/28

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.3/28

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.926+/-222.217 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

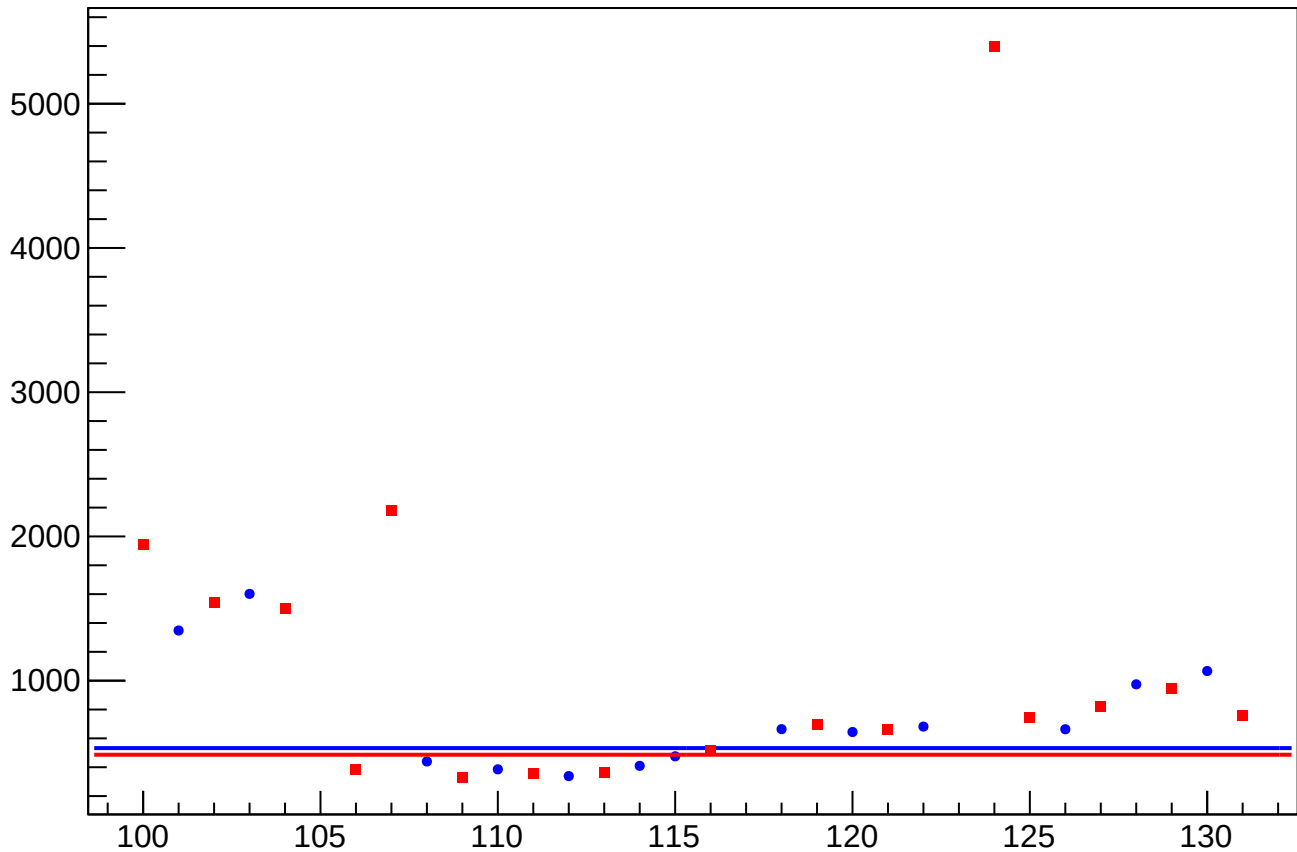
Right: 261.731+/-166.910 χ^2/NDF : 25.8/28

In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.731+/-166.910 χ^2/NDF : 25.8/28

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.634+/-0.157 χ^2/NDF : 2922315.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

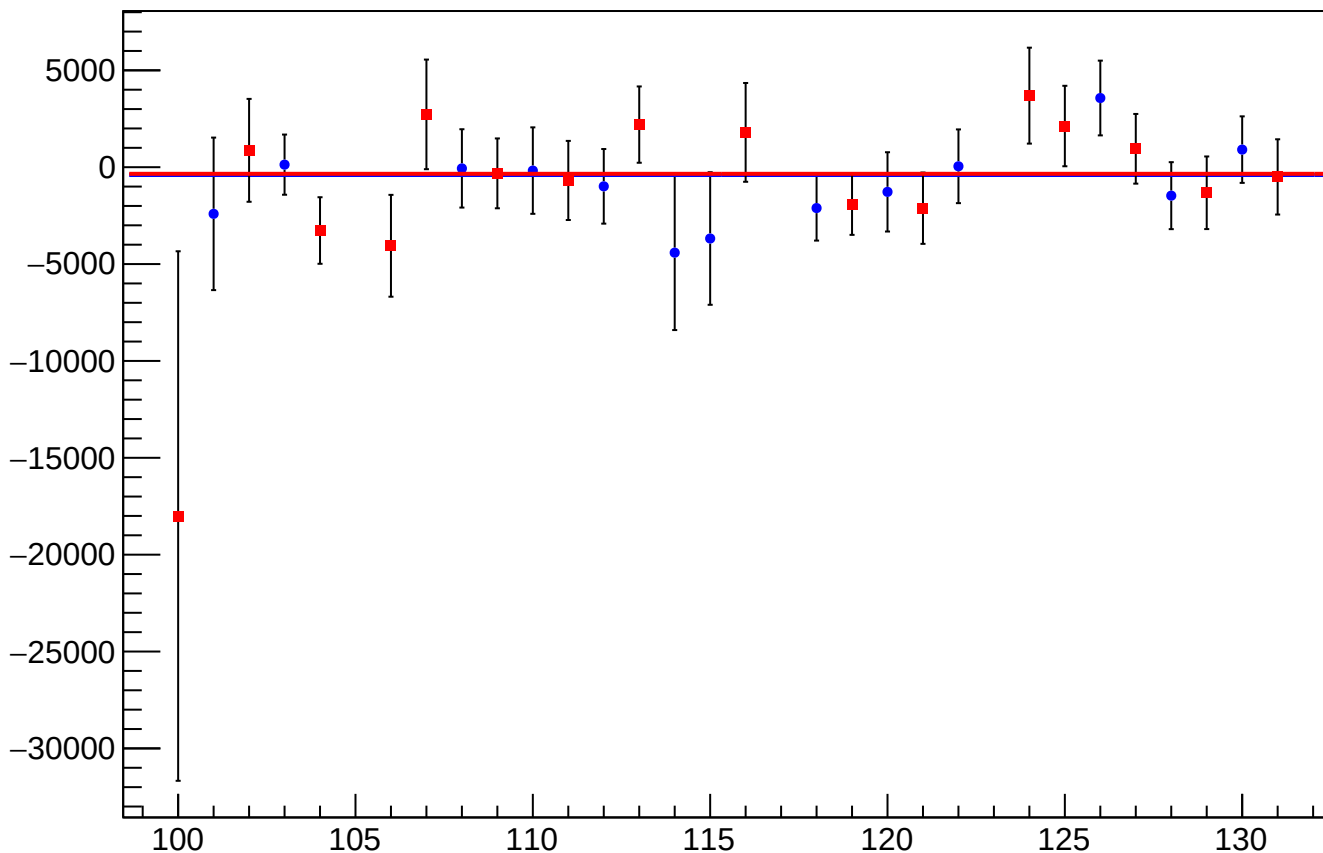
Right: 506.661+/-0.118 χ^2/NDF : 5071364.0/28

In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.661+/-0.118 χ^2/NDF : 5071364.0/28

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2 /NDF: 8.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -341.559+/-522.512 χ^2 /NDF: 17.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

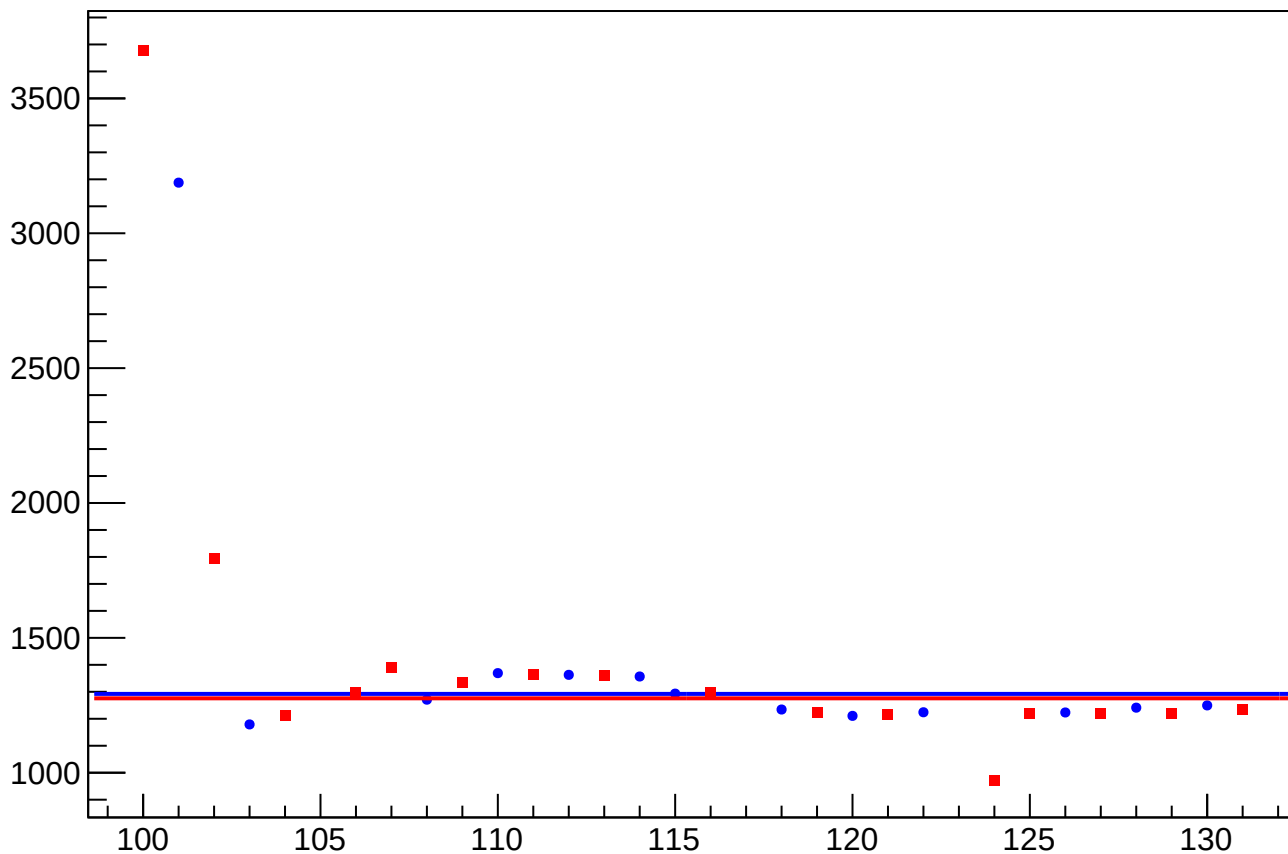
Right: -370.007+/-383.002 χ^2 /NDF: 26.0/28

In: -403.040+/-563.051 χ^2 /NDF:8.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -370.007+/-383.002 χ^2 /NDF: 26.0/28

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

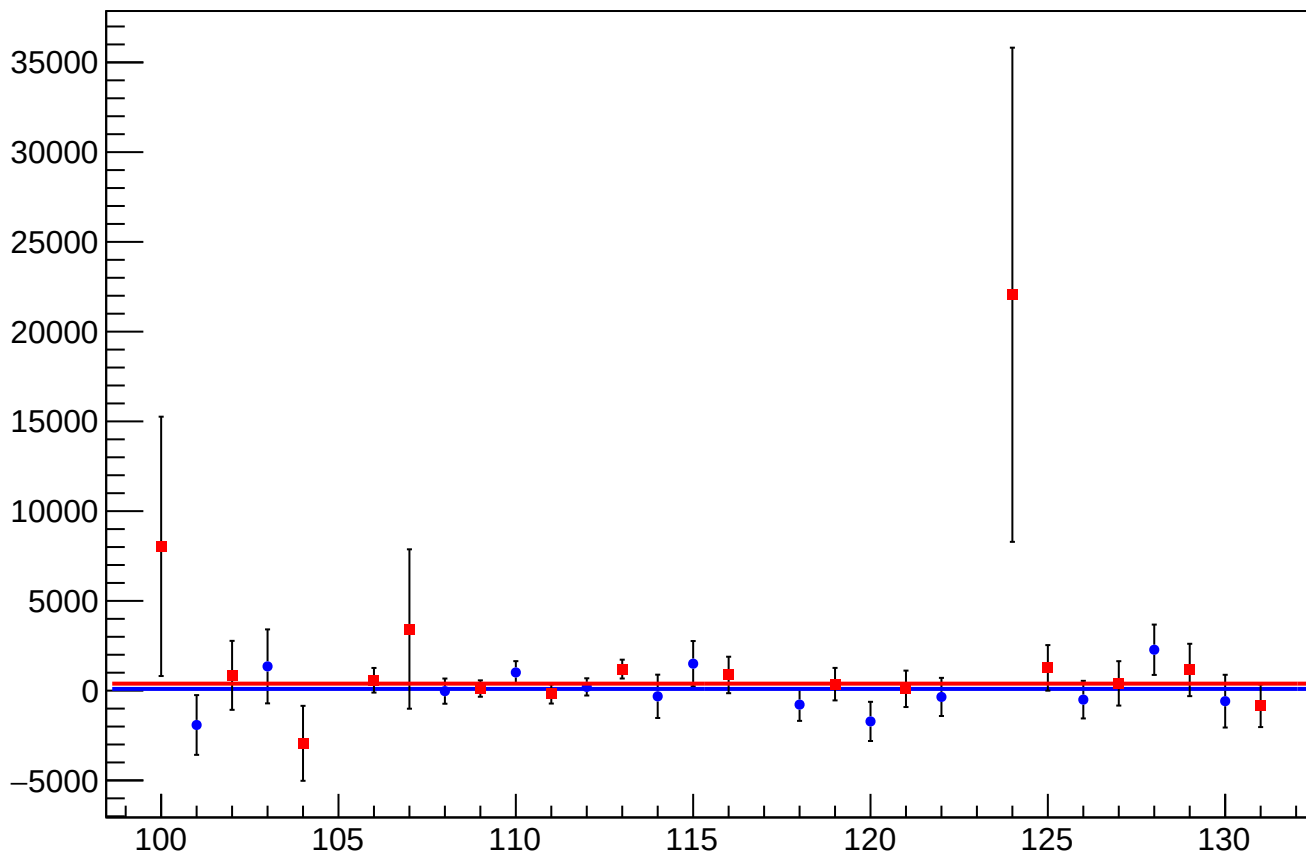
Right: 1283.391+/-0.271 χ^2/NDF : 689299.6/28

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.6/28

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.925+/-222.216 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

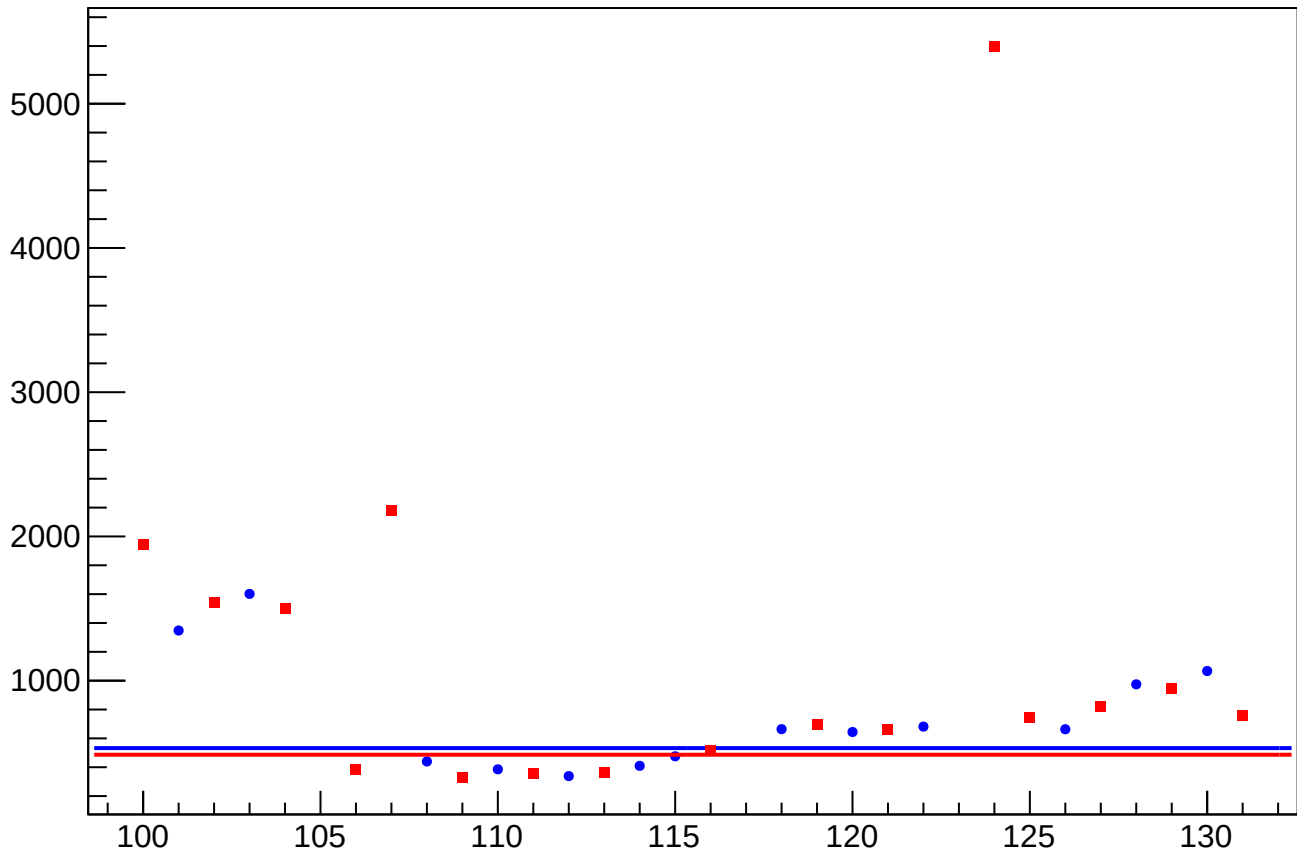
Right: 261.730+/-166.909 χ^2/NDF : 25.8/28

In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.730+/-166.909 χ^2/NDF : 25.8/28

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.633+/-0.157 χ^2/NDF : 2922321.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

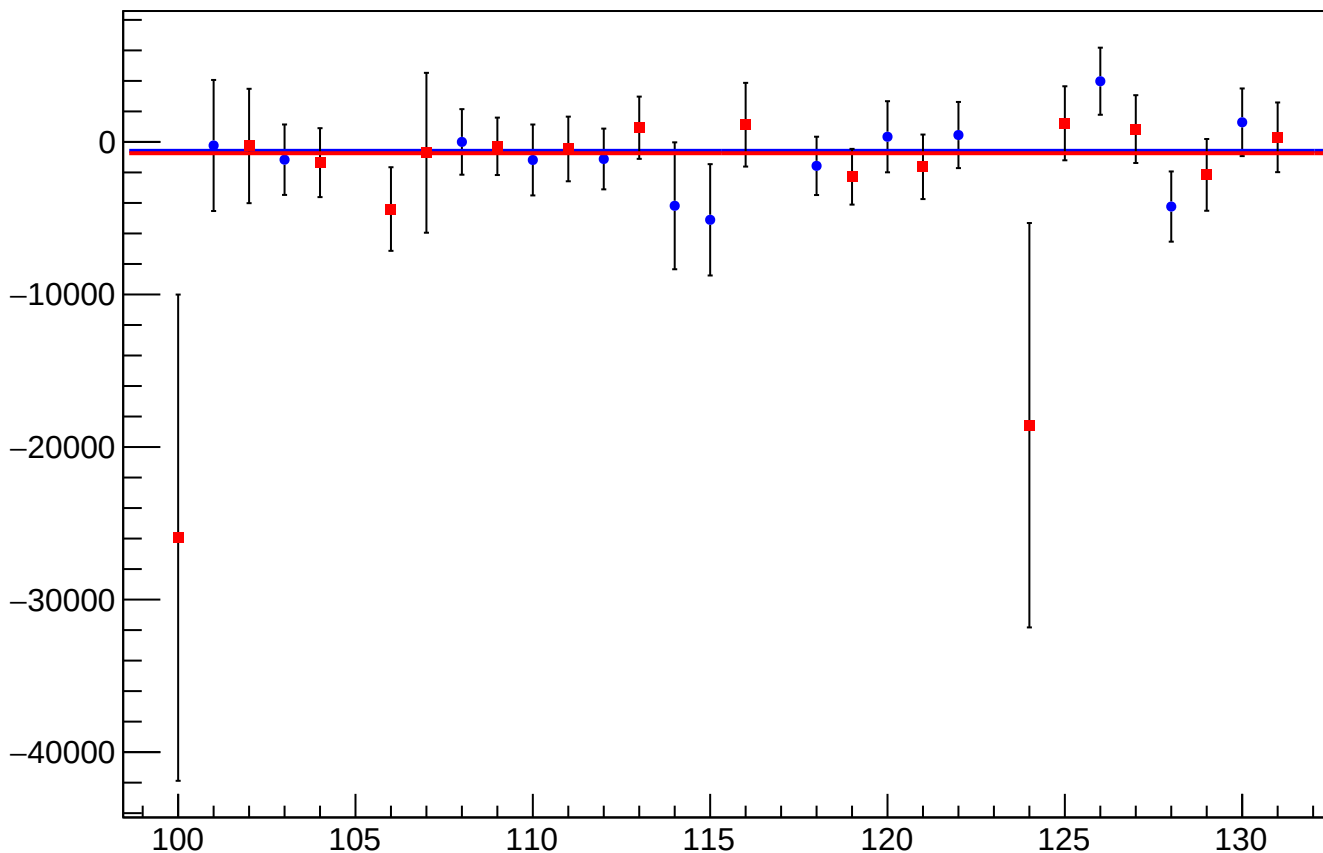
Right: 506.659+/-0.118 χ^2/NDF : 5071372.8/28

In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.659+/-0.118 χ^2/NDF : 5071372.8/28

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -739.642+/-621.070 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

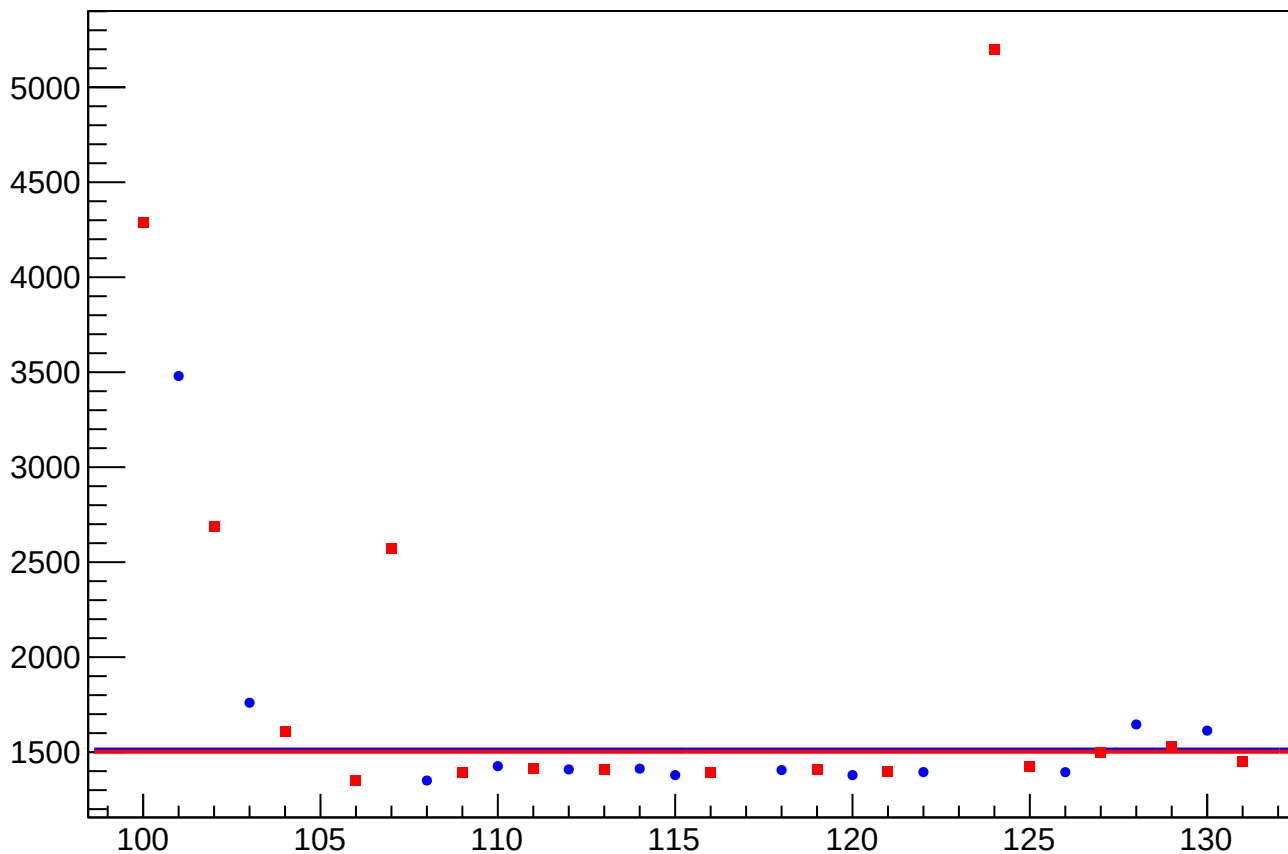
Right: -666.672+/-452.203 χ^2/NDF : 20.8/28

In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -666.672+/-452.203 χ^2/NDF : 20.8/28

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.206+/-0.439 χ^2/NDF : 540886.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

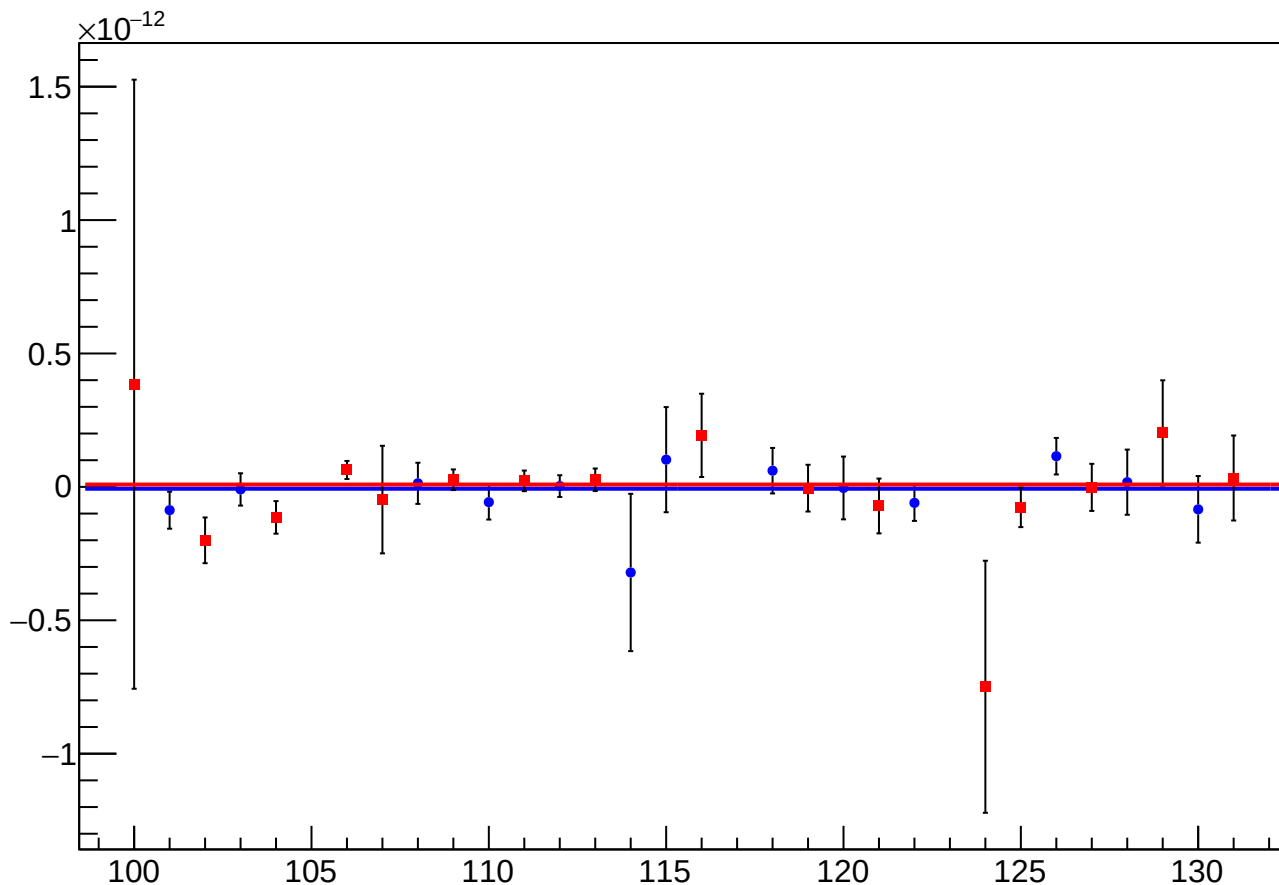
Right: 1507.577+/-0.320 χ^2/NDF : 1042323.2/28

In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.577+/-0.320 χ^2/NDF : 1042323.2/28

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

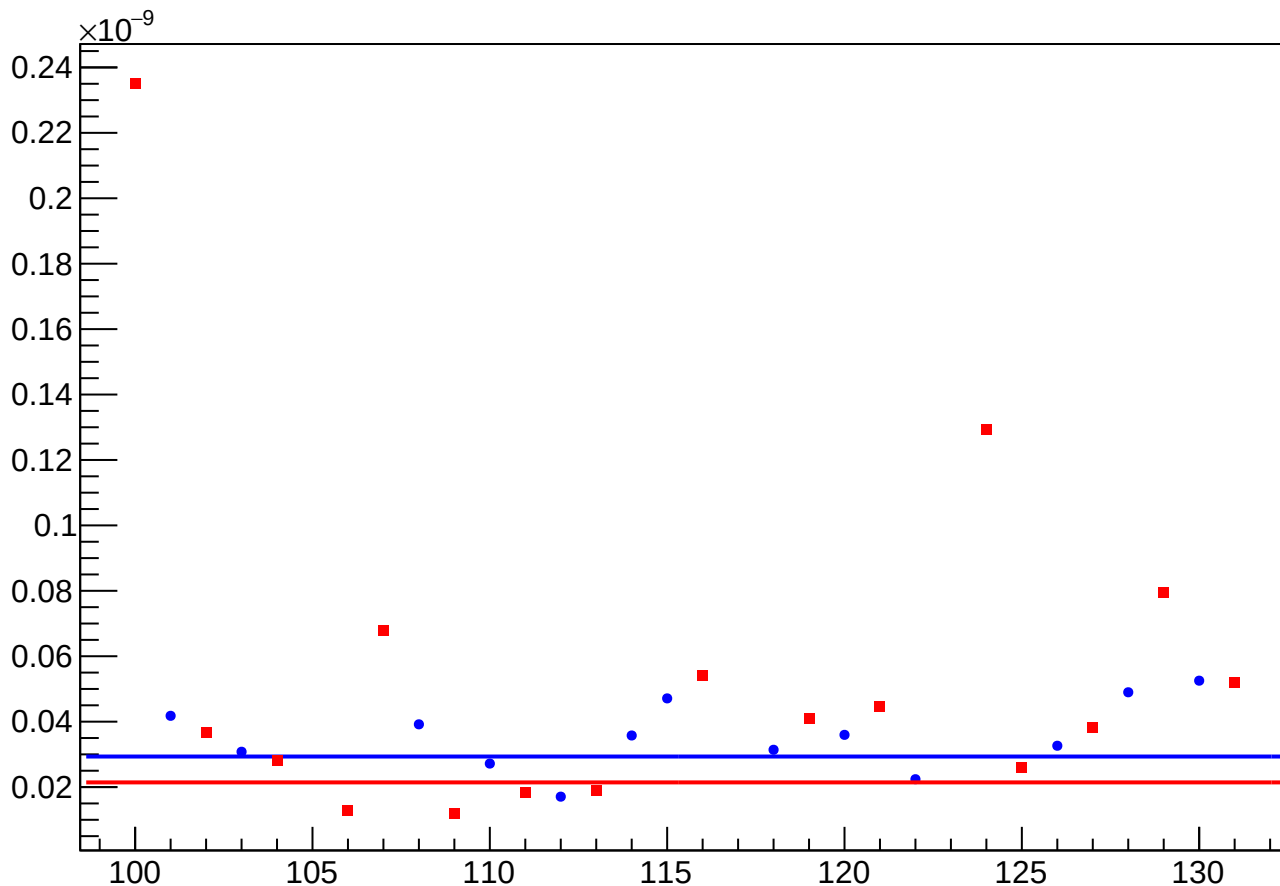
Right: 0.000+/-0.000 χ^2/NDF : 29.0/28

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/28

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

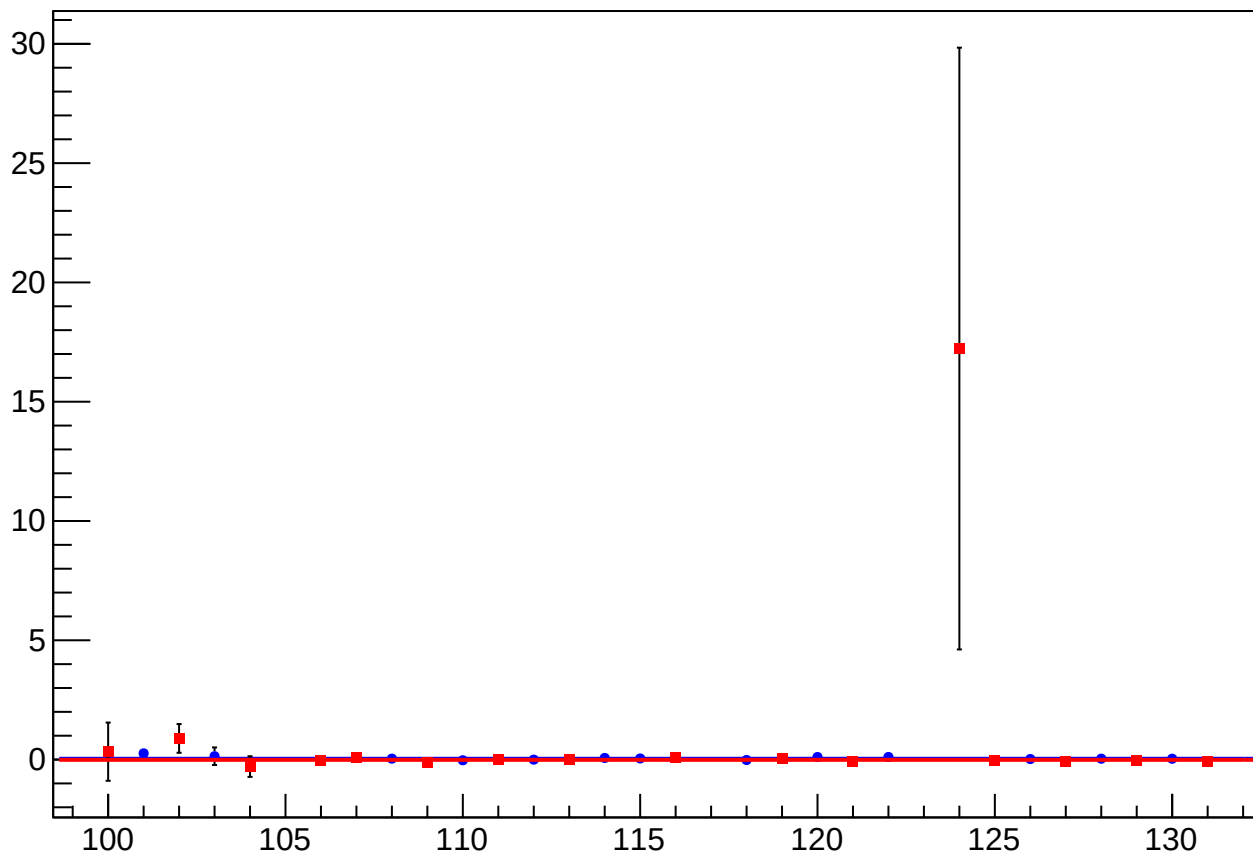
Right: 0.000+/-0.000 χ^2/NDF : 1890602.7/28

In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1890602.7/28

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

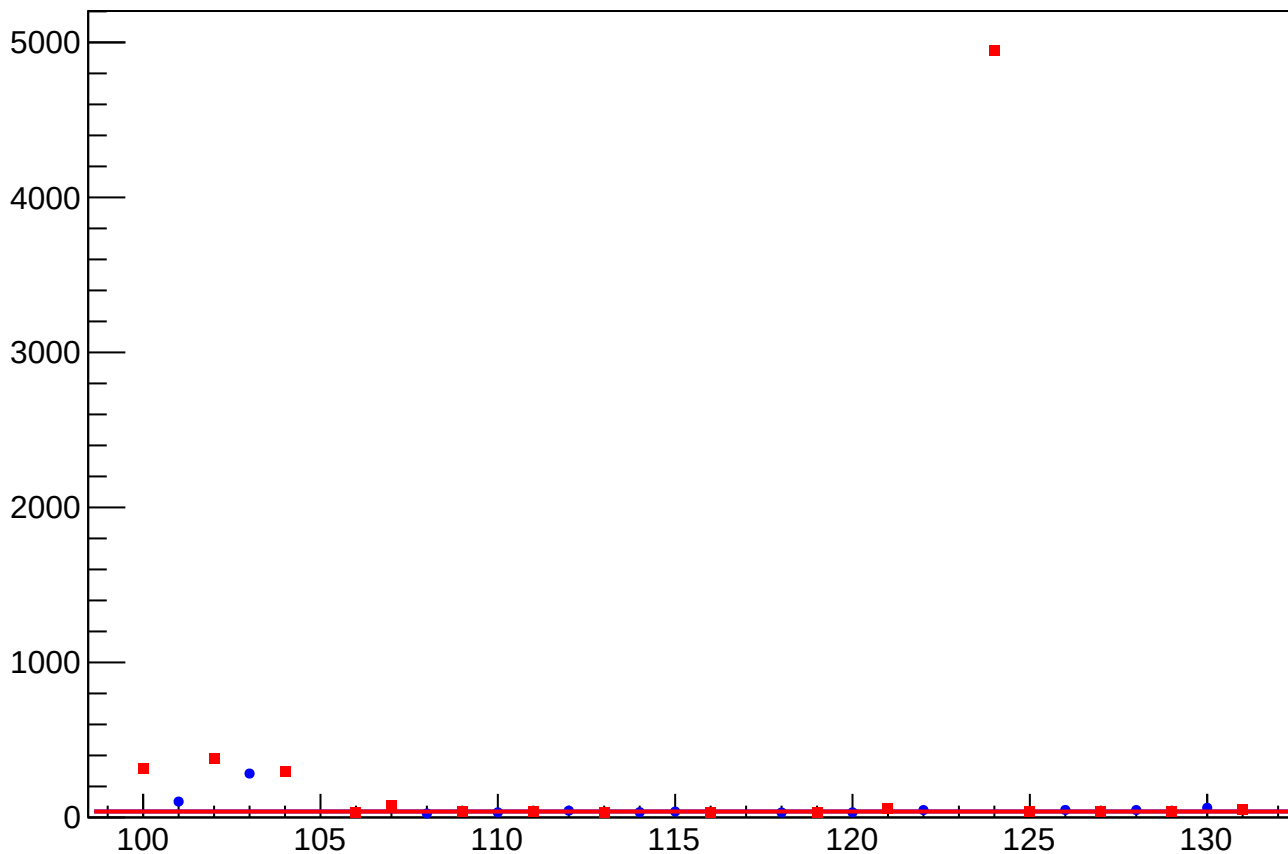
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100236.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

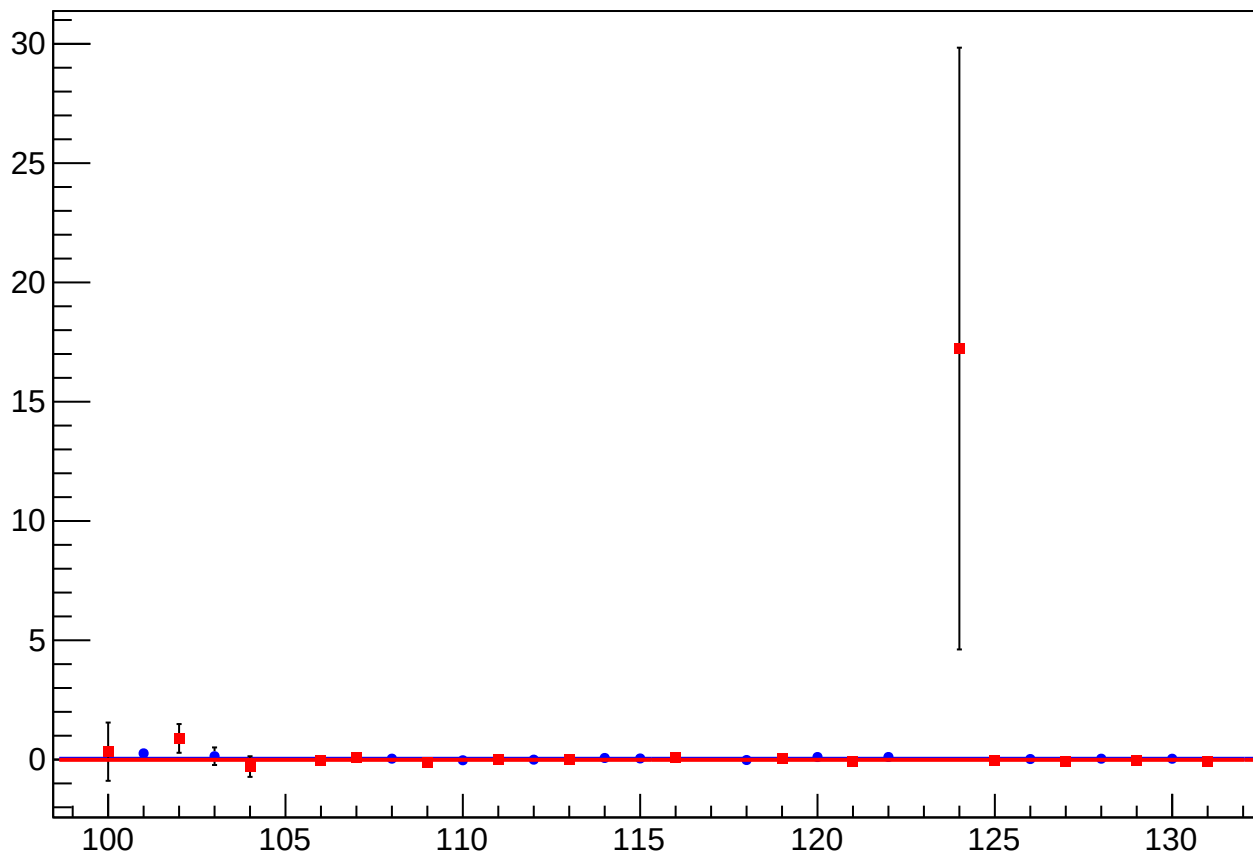
Right: 38.432+/-0.009 χ^2/NDF : 3926854.2/28

In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.432+/-0.009 χ^2/NDF : 3926854.2/28

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

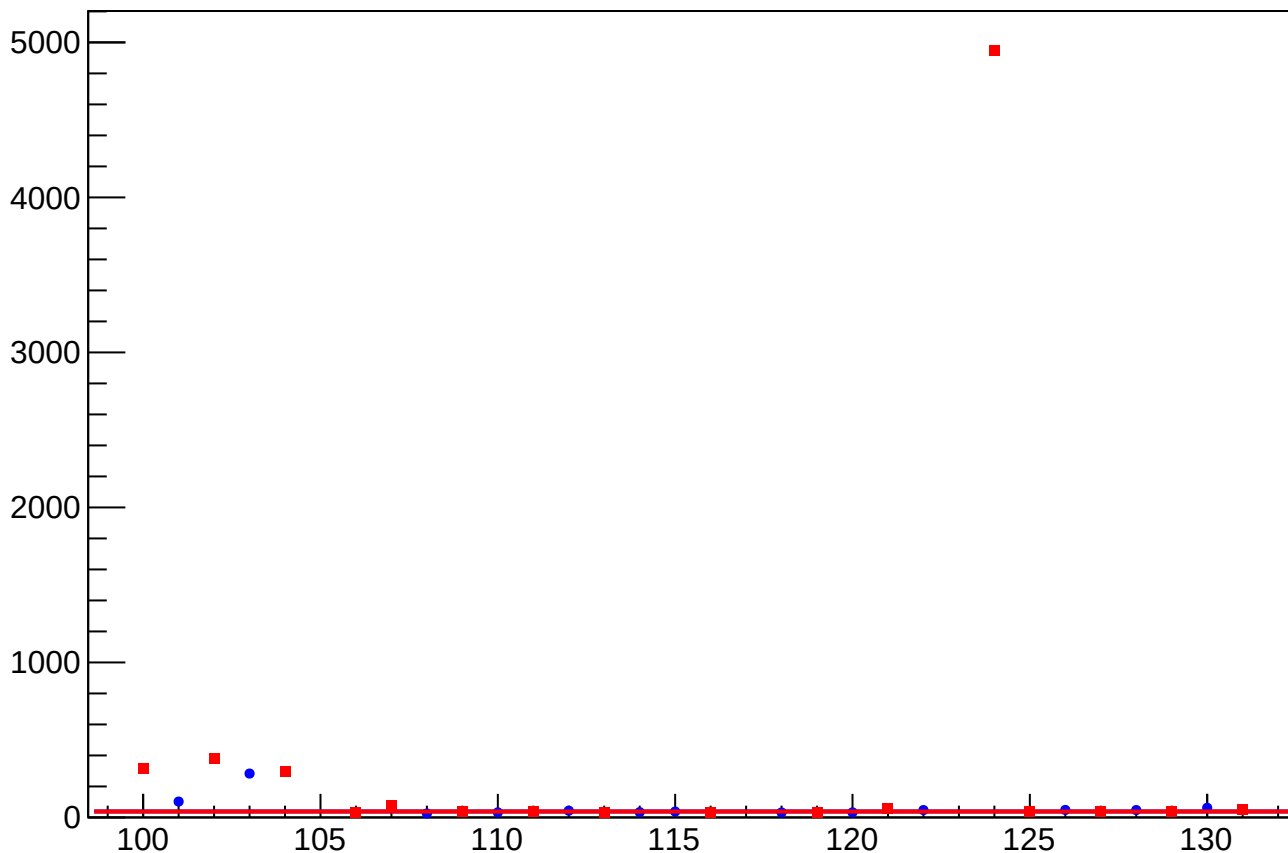
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

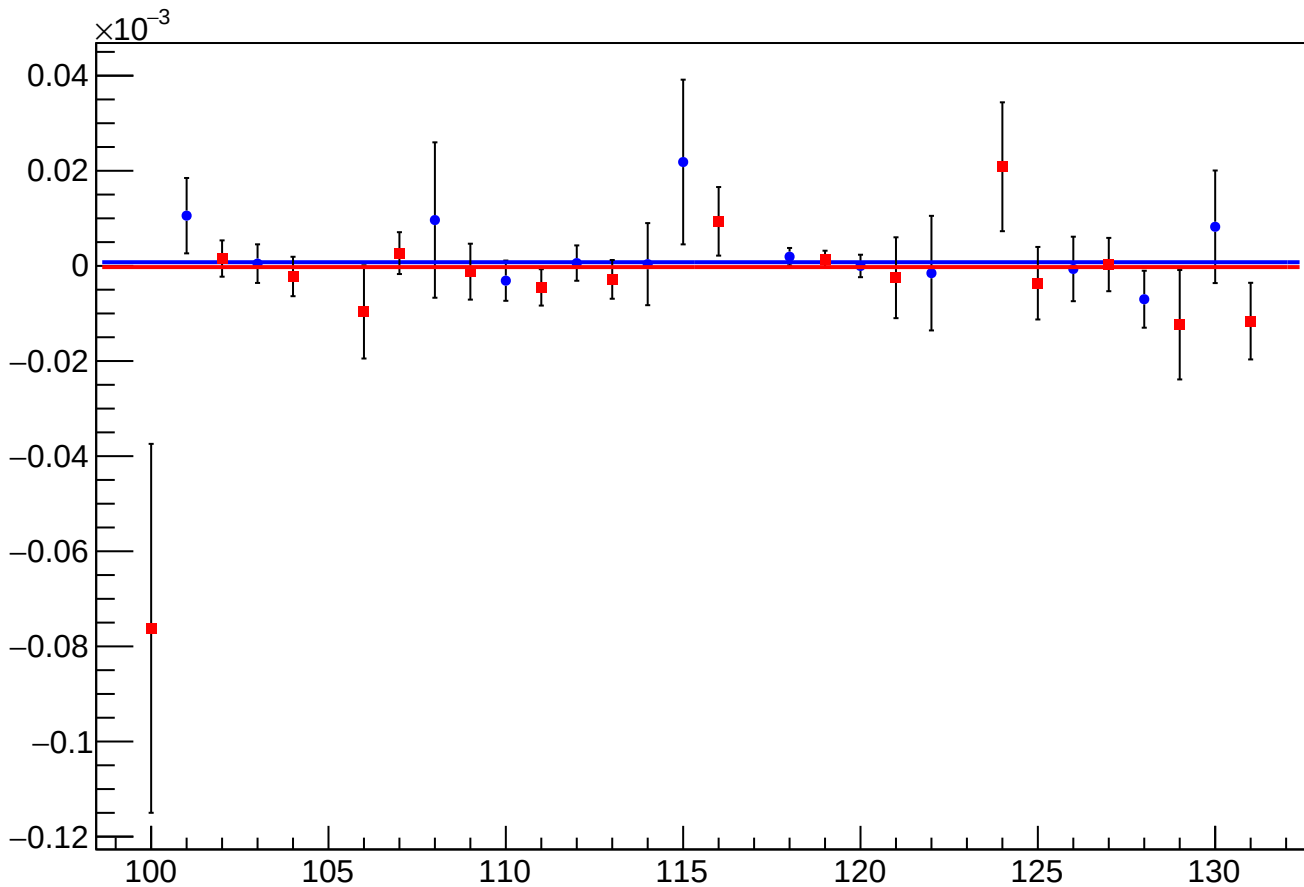
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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 : 6.8/12

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

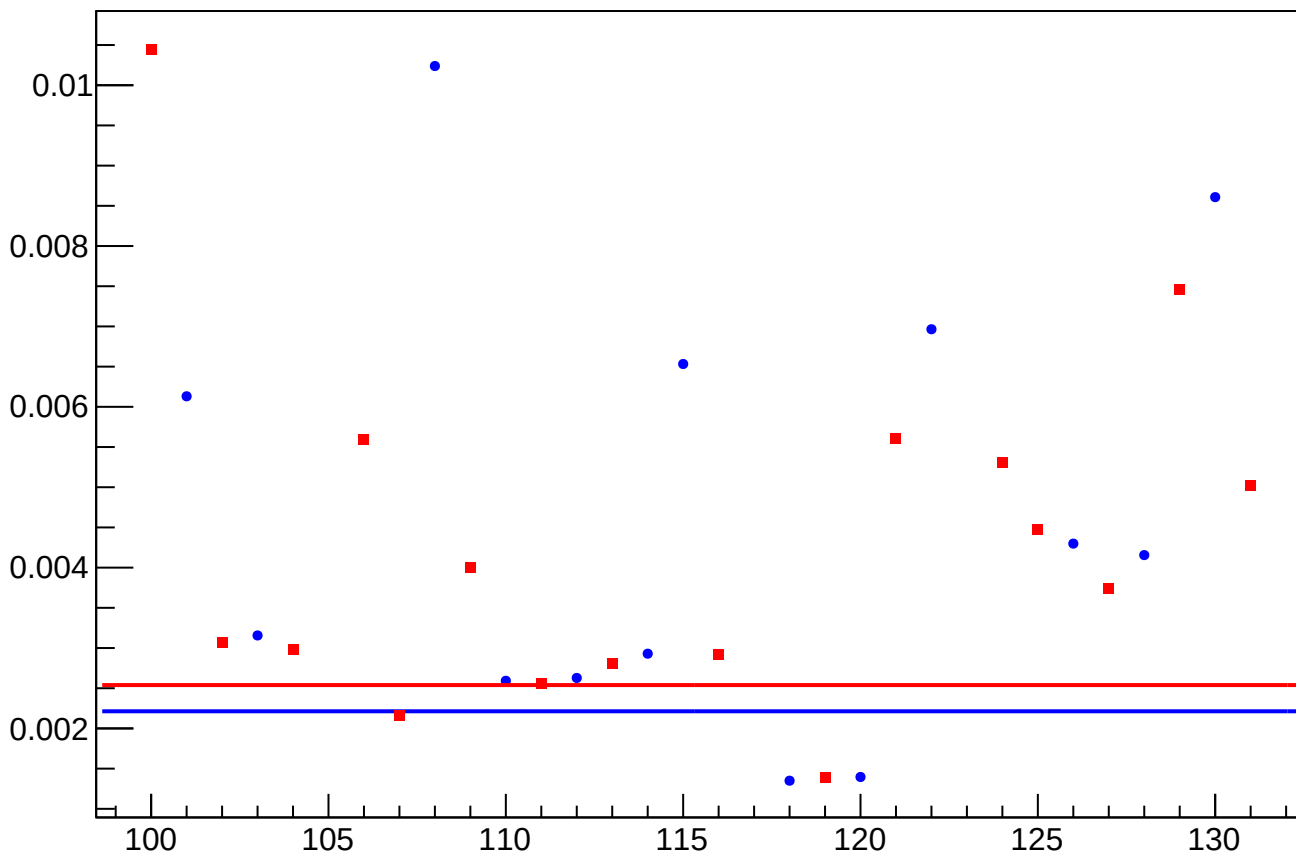
Right: 0.000+/-0.000 χ^2/NDF : 23.0/28

In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/28

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 : 3235633.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2418354.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

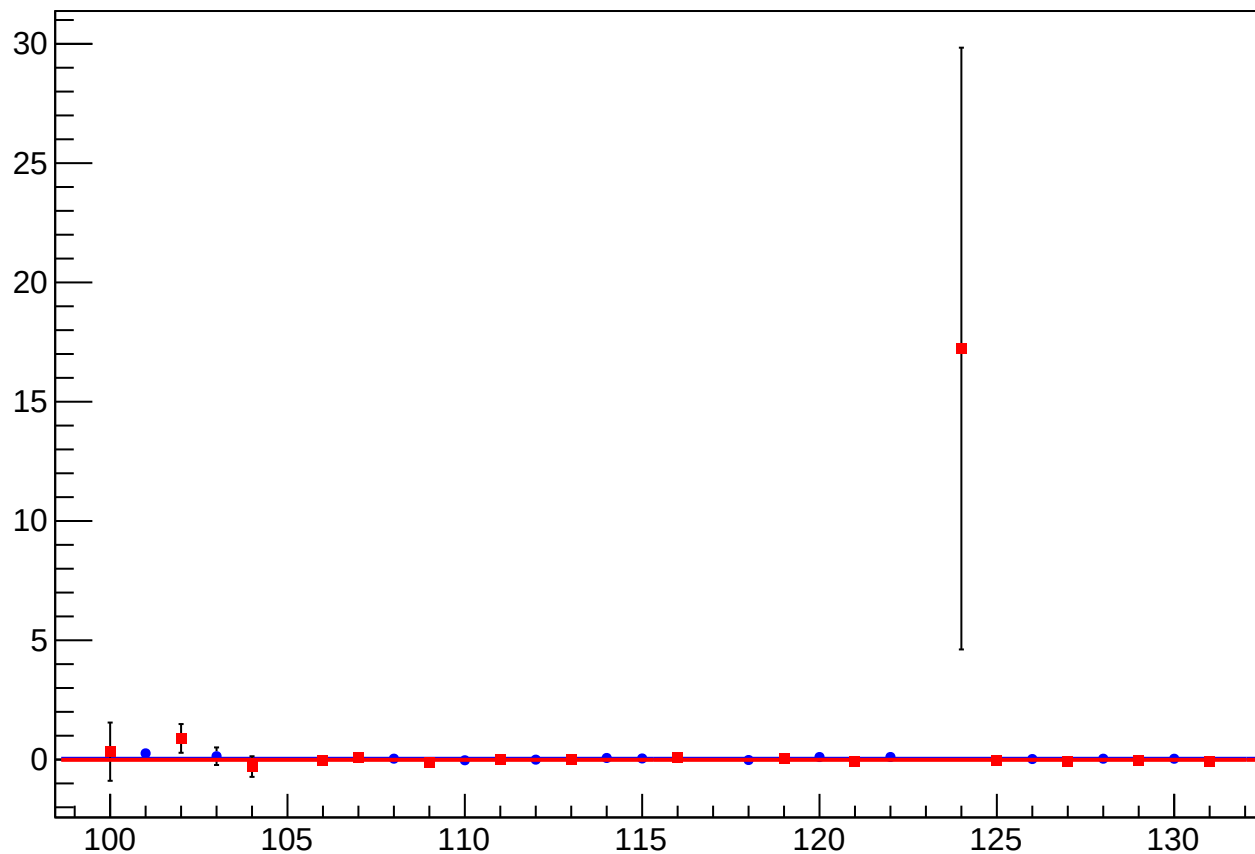
Right: 0.002+/-0.000 χ^2/NDF : 5735224.8/28

In: 0.002+/-0.000 χ^2/NDF :3235633.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5735224.8/28

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

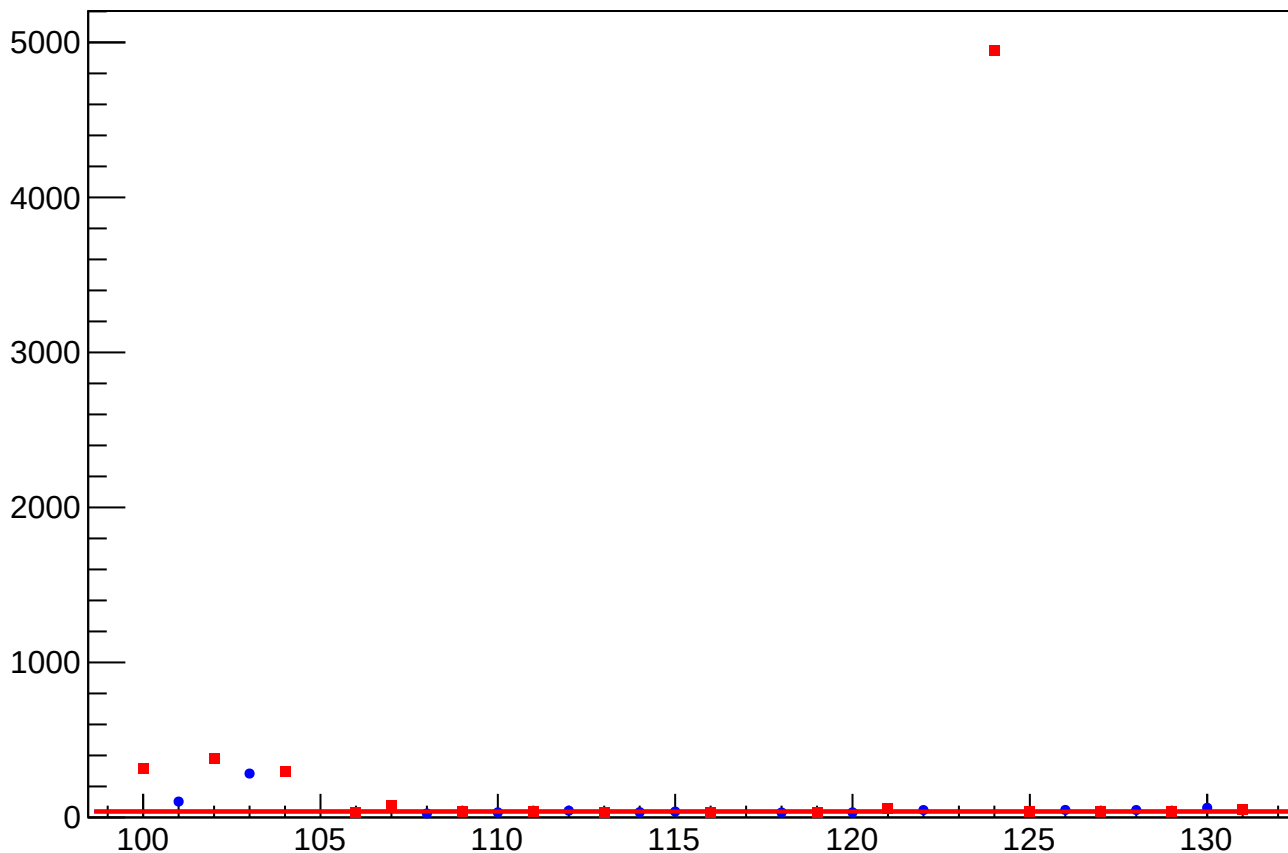
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

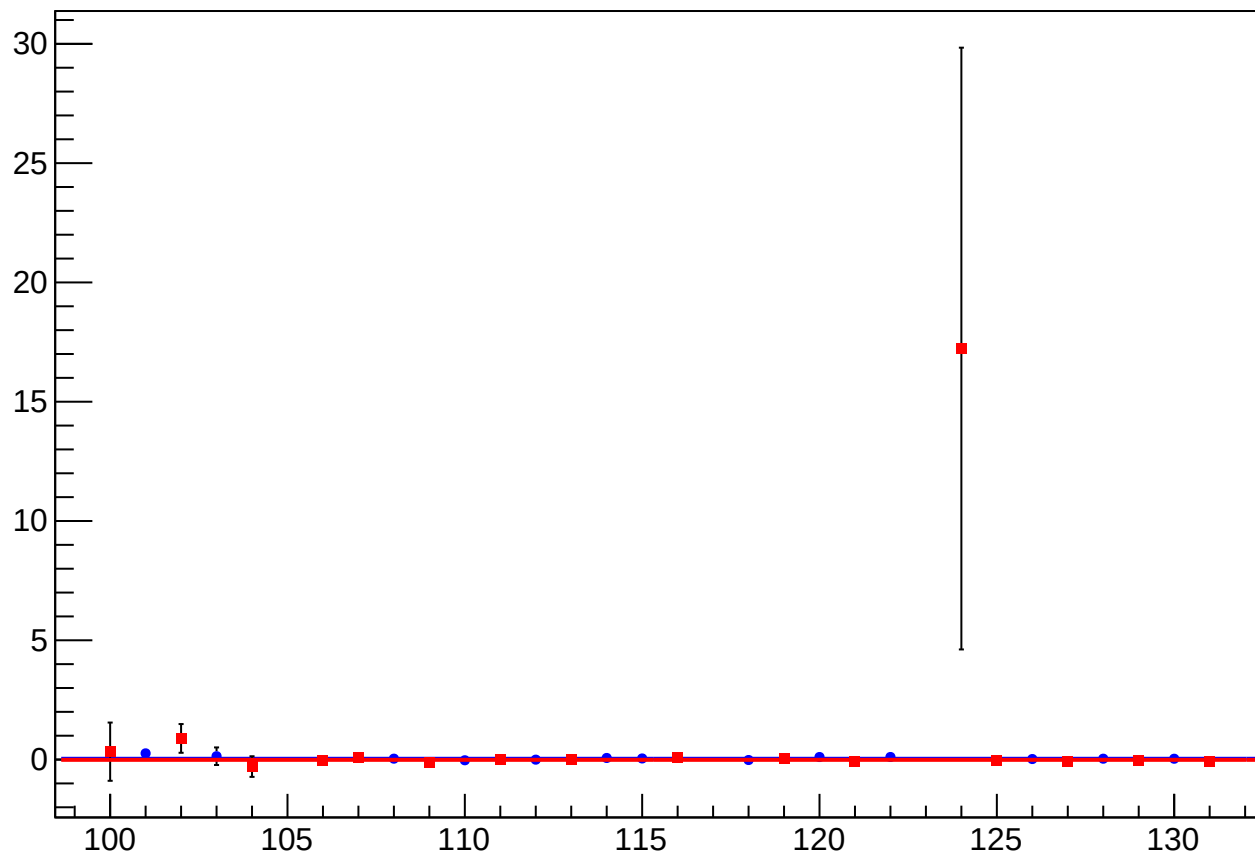
Right: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

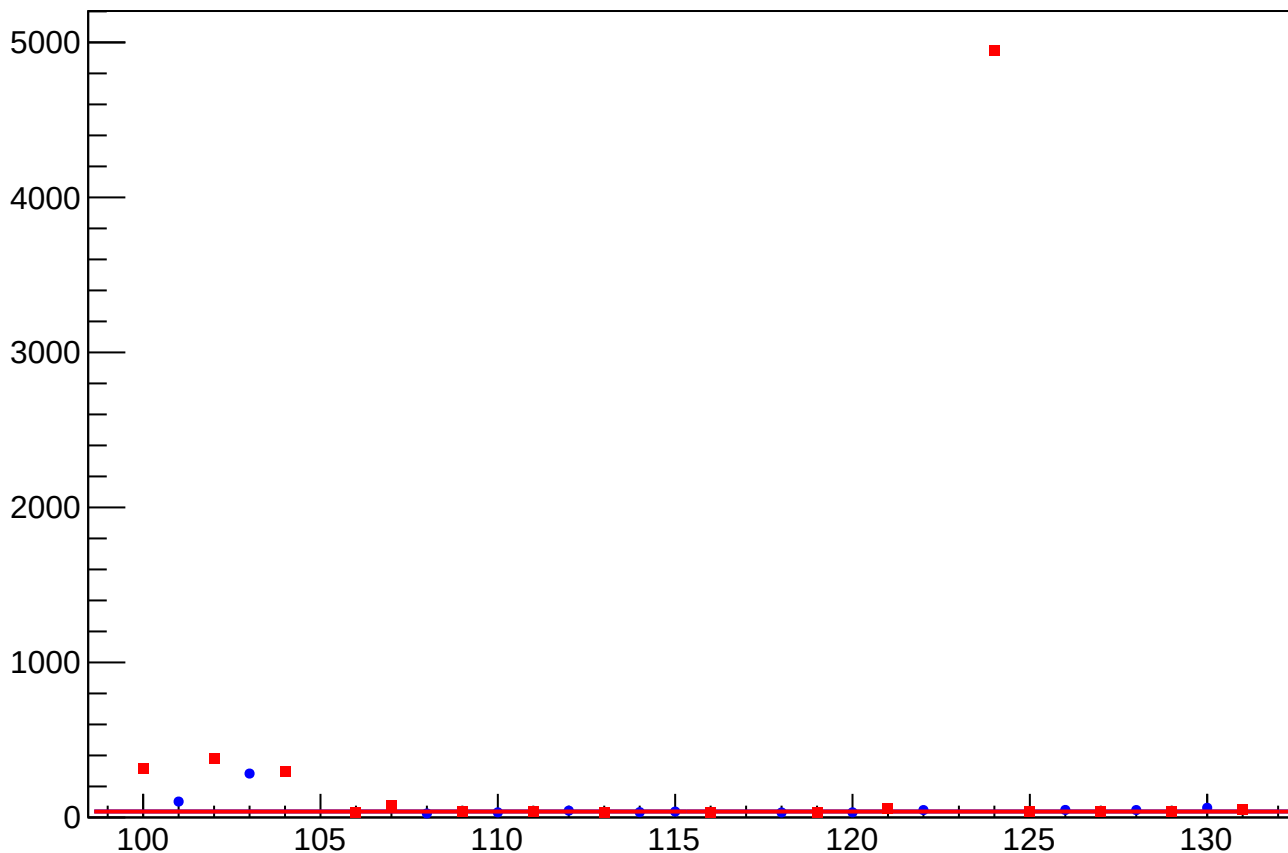
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

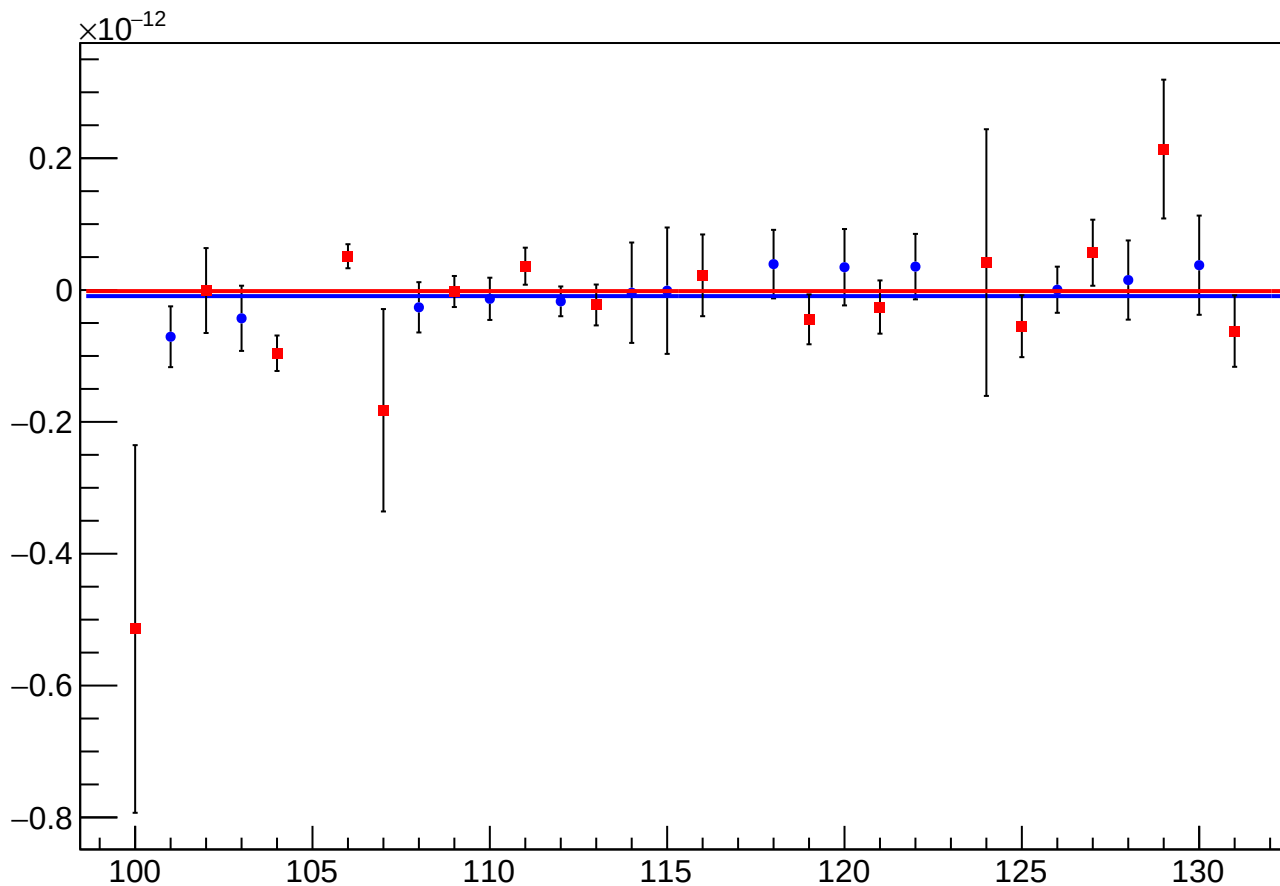
Right: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

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 : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 37.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

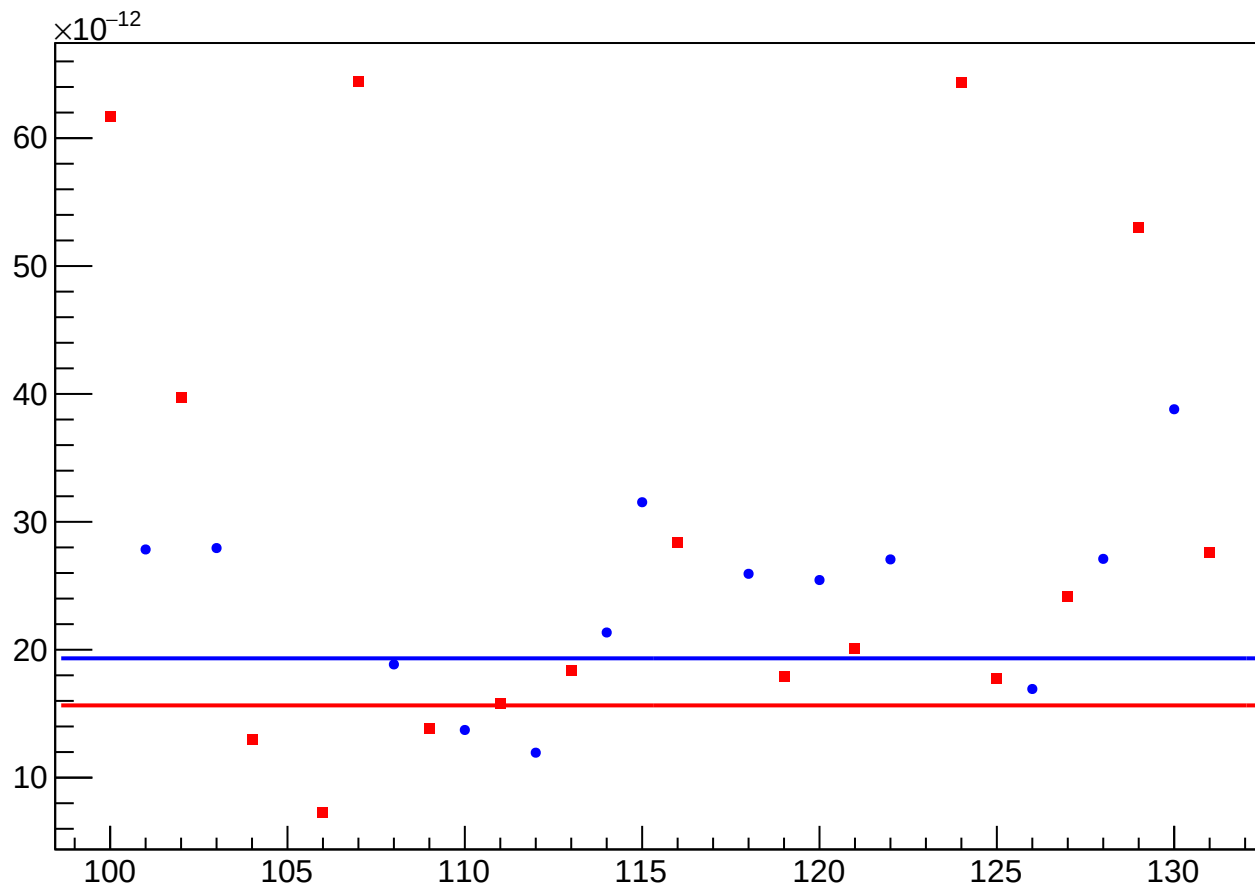
Right: -0.000+/-0.000 χ^2/NDF : 43.4/28

In: -0.000+/-0.000 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.4/28

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 : 717687.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1650807.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

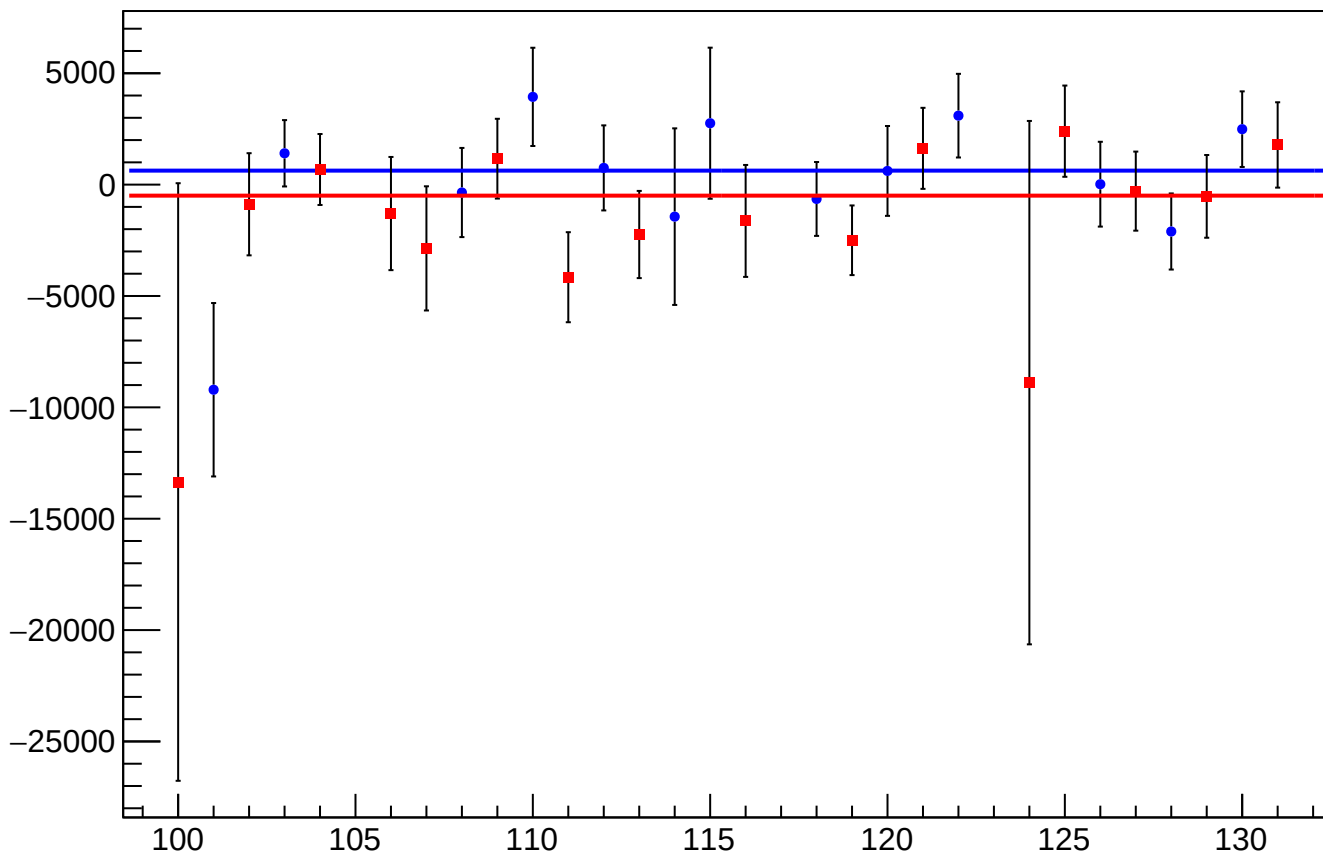
Right: 0.000+/-0.000 χ^2/NDF : 2488375.3/28

In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2488375.3/28

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -494.663+/-520.869 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

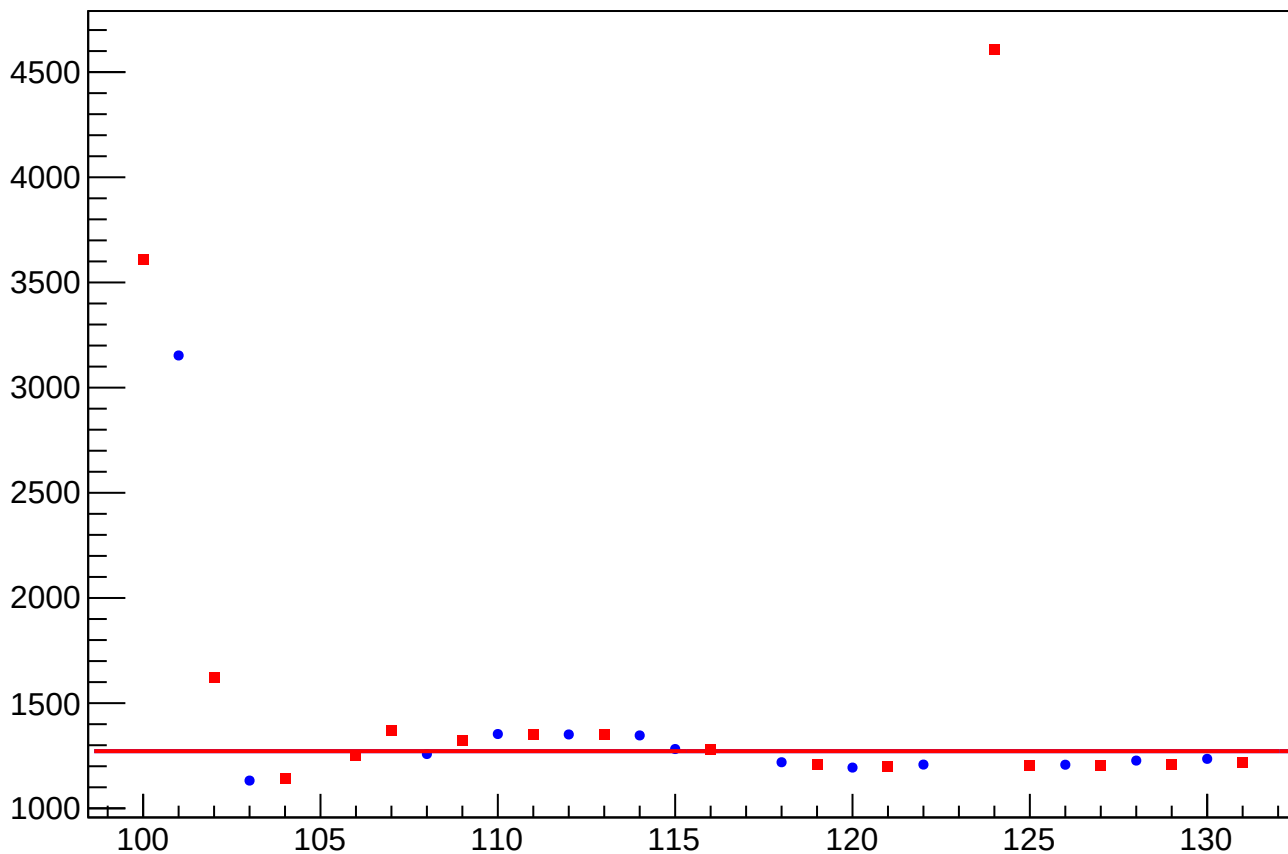
Right: 32.059+/-379.569 χ^2/NDF : 32.6/28

In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.059+/-379.569 χ^2/NDF : 32.6/28

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.745+/-0.368 χ^2/NDF : 309253.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

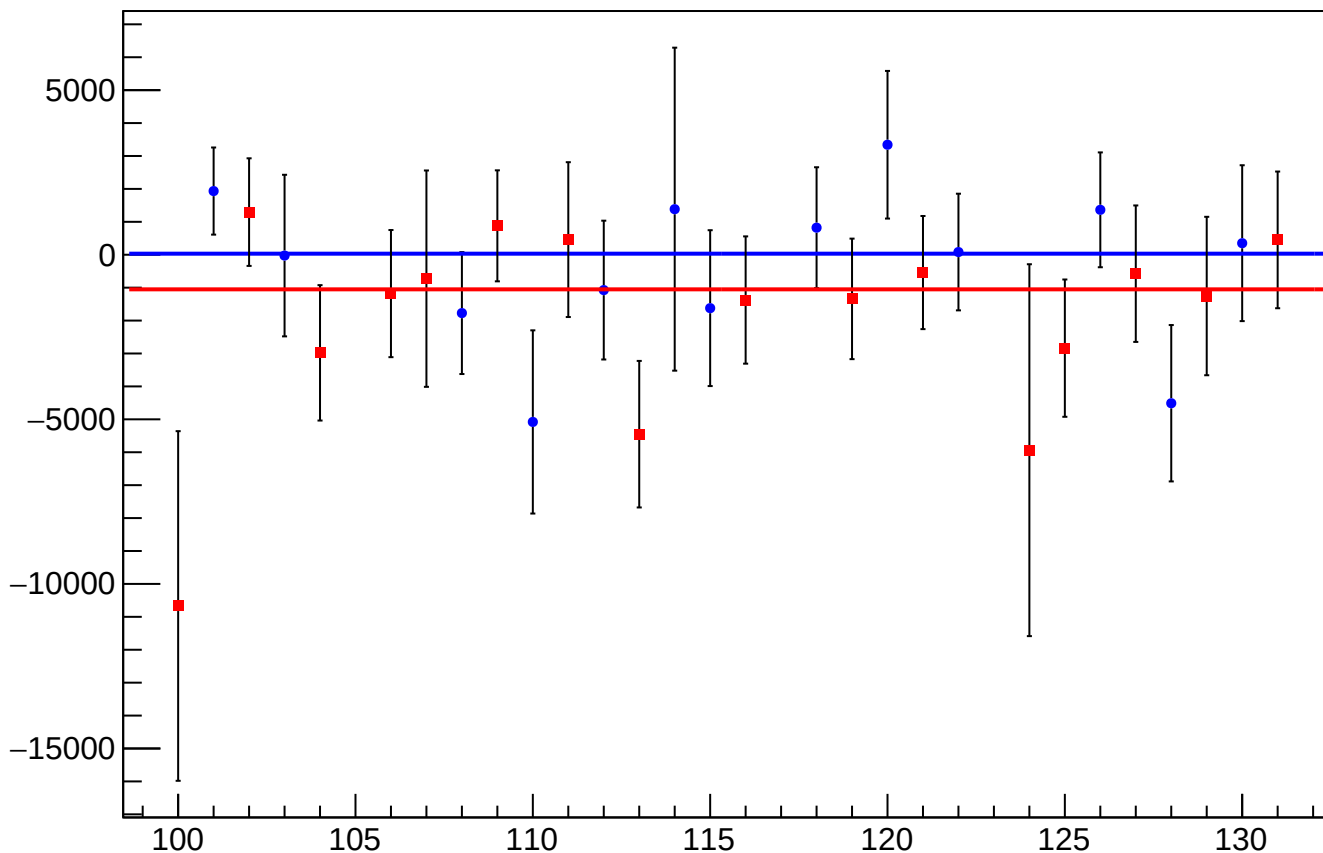
Right: 1271.708+/-0.268 χ^2/NDF : 812748.9/28

In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.708+/-0.268 χ^2/NDF : 812748.9/28

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1051.244+/-531.156 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

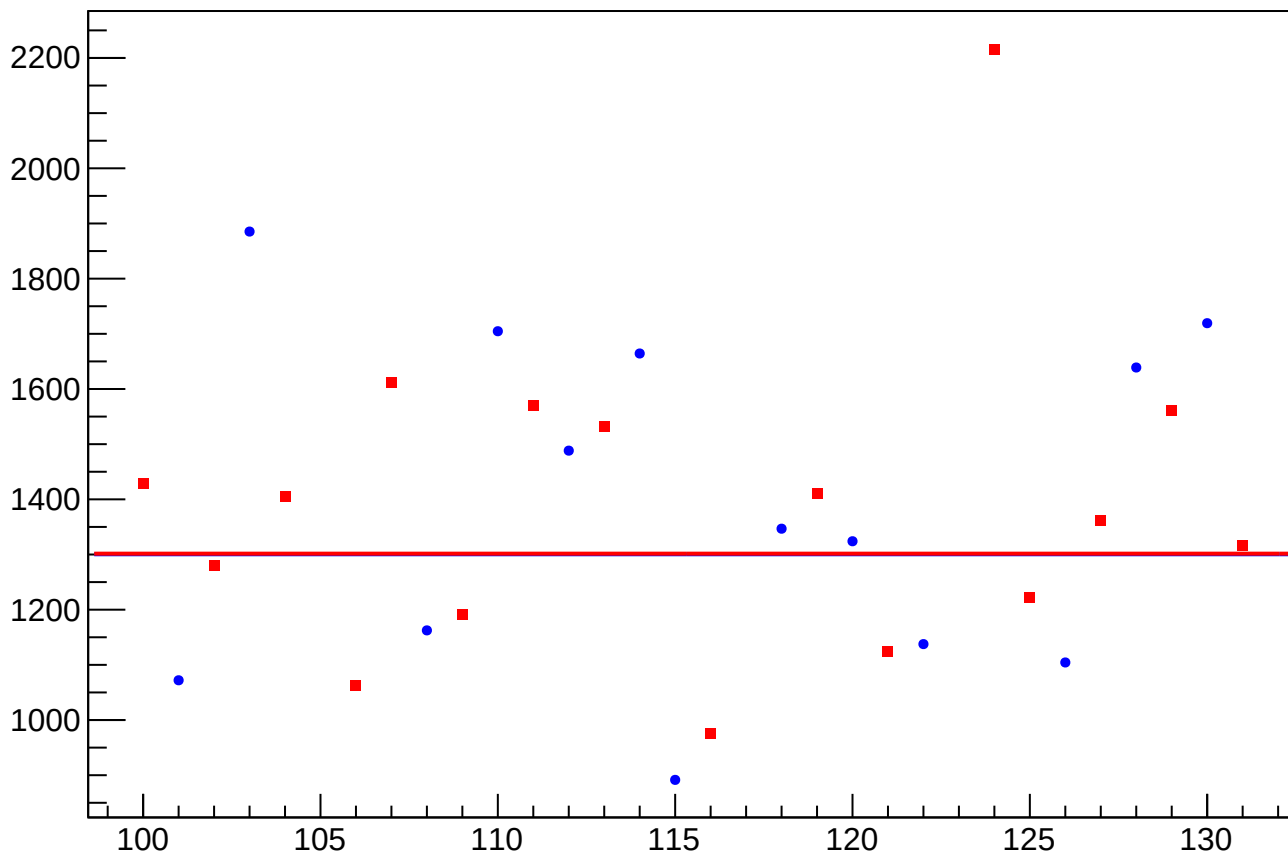
Right: -545.714+/-387.919 χ^2/NDF : 29.9/28

In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -545.714+/-387.919 χ^2/NDF : 29.9/28

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1300.436+/-0.402 χ^2/NDF : 459847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.555+/-0.376 χ^2/NDF : 276472.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

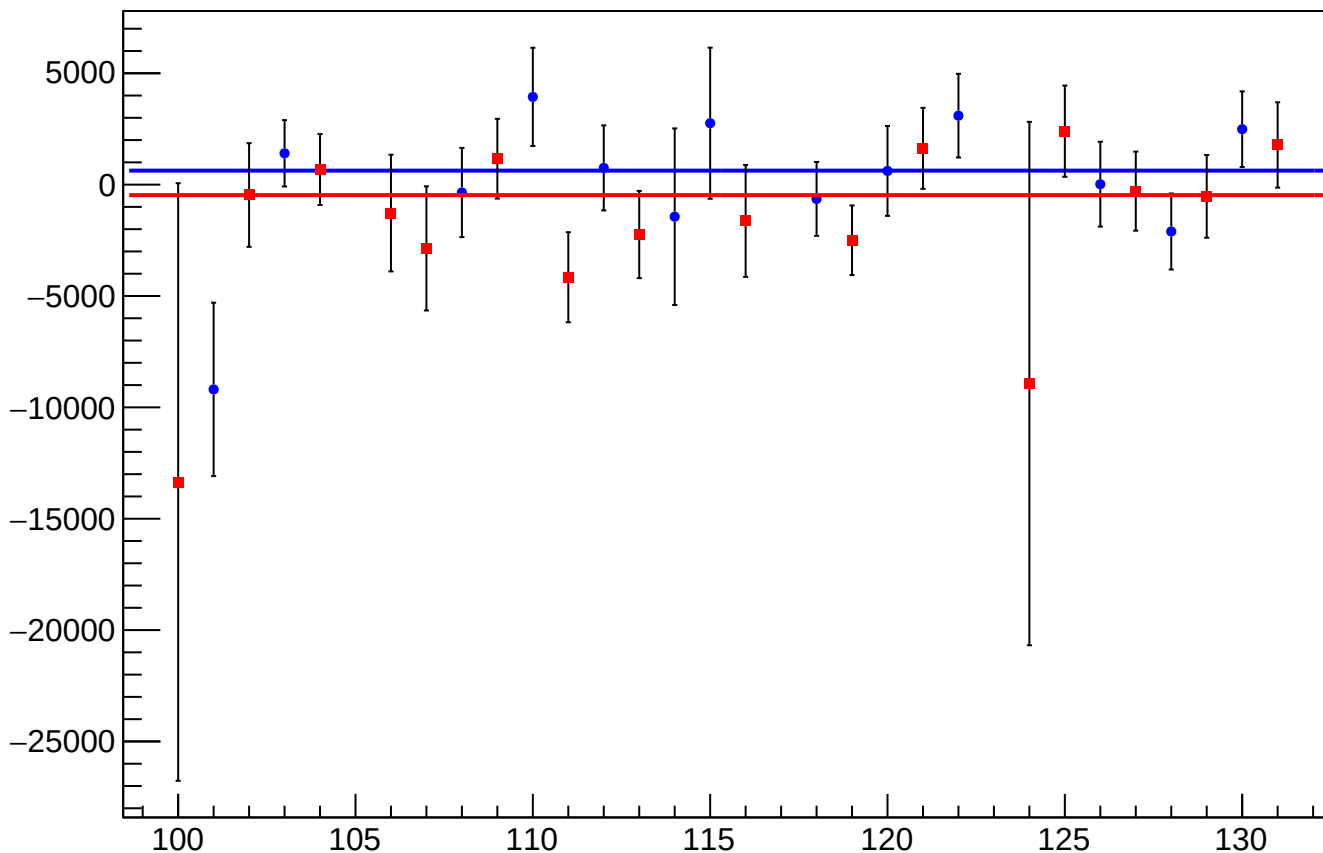
Right: 1301.033+/-0.274 χ^2/NDF : 736324.3/28

In: 1300.436+/-0.402 χ^2/NDF : 459847.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.033+/-0.274 χ^2/NDF : 736324.3/28

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 628.870 $\pm$ 554.270 χ^2 /NDF: 16.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -470.494 $\pm$ 521.911 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

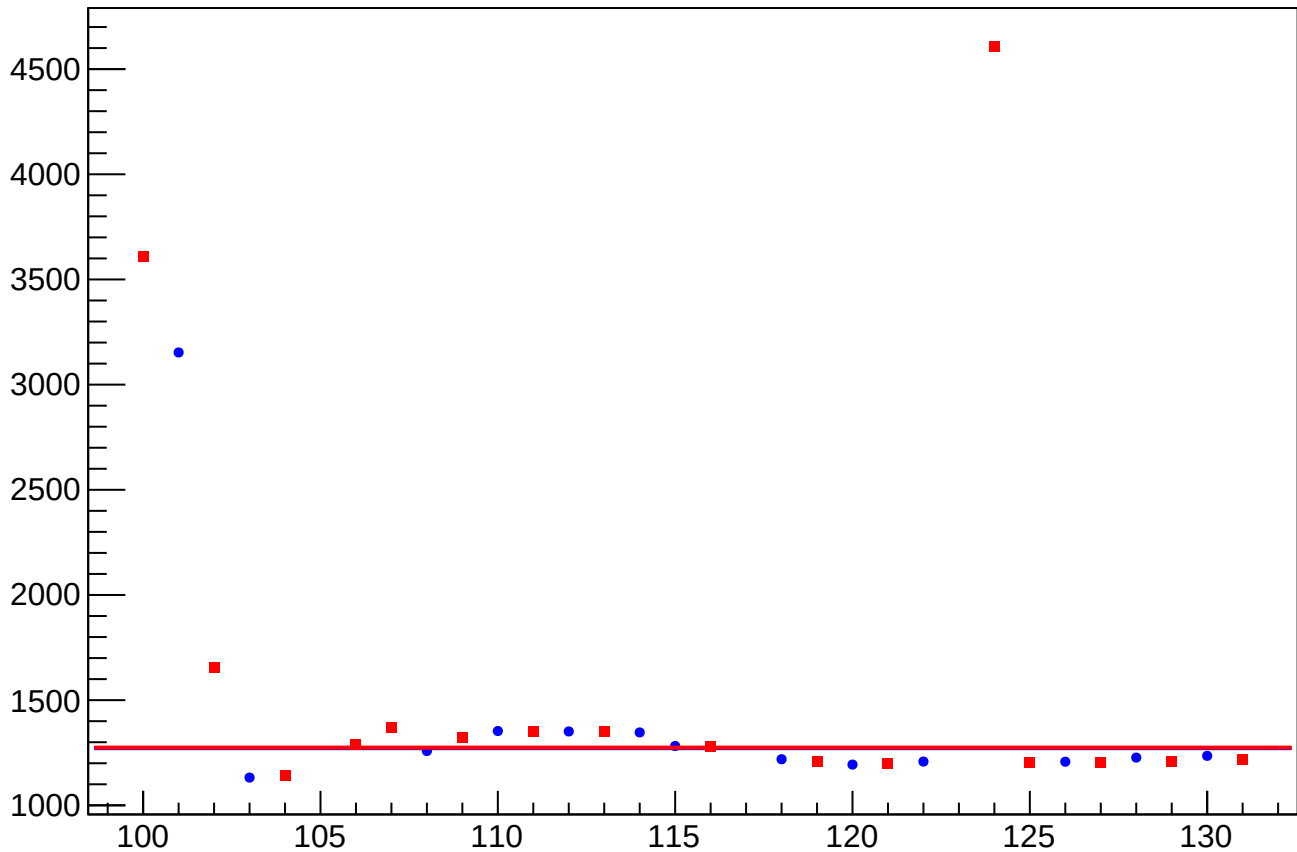
Right: 46.161 $\pm$ 379.972 χ^2 /NDF: 32.4/28

In: 628.870 $\pm$ 554.270 χ^2 /NDF:16.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.161 $\pm$ 379.972 χ^2 /NDF: 32.4/28

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

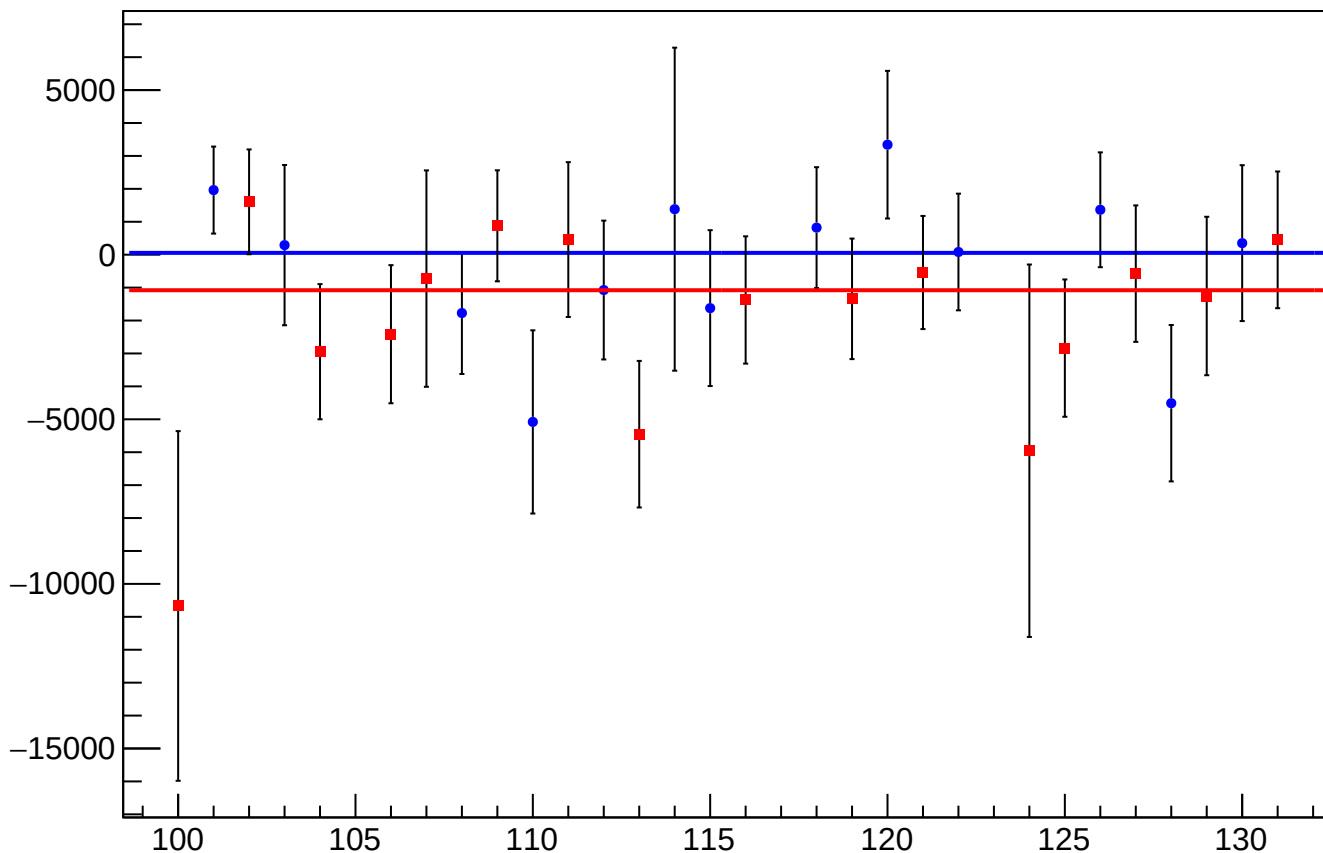
Right: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

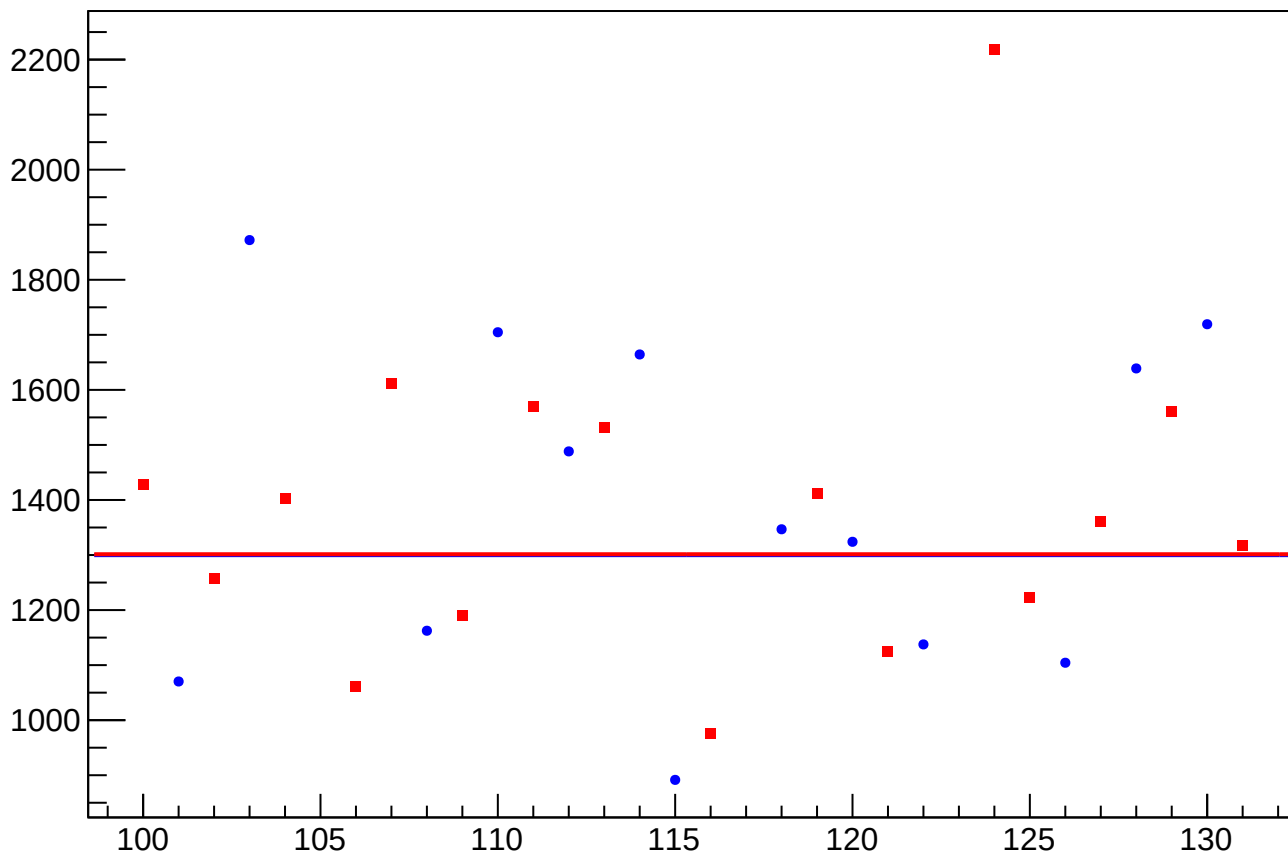
Right: -547.975+/-388.371 χ^2/NDF : 31.2/28

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.975+/-388.371 χ^2/NDF : 31.2/28

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

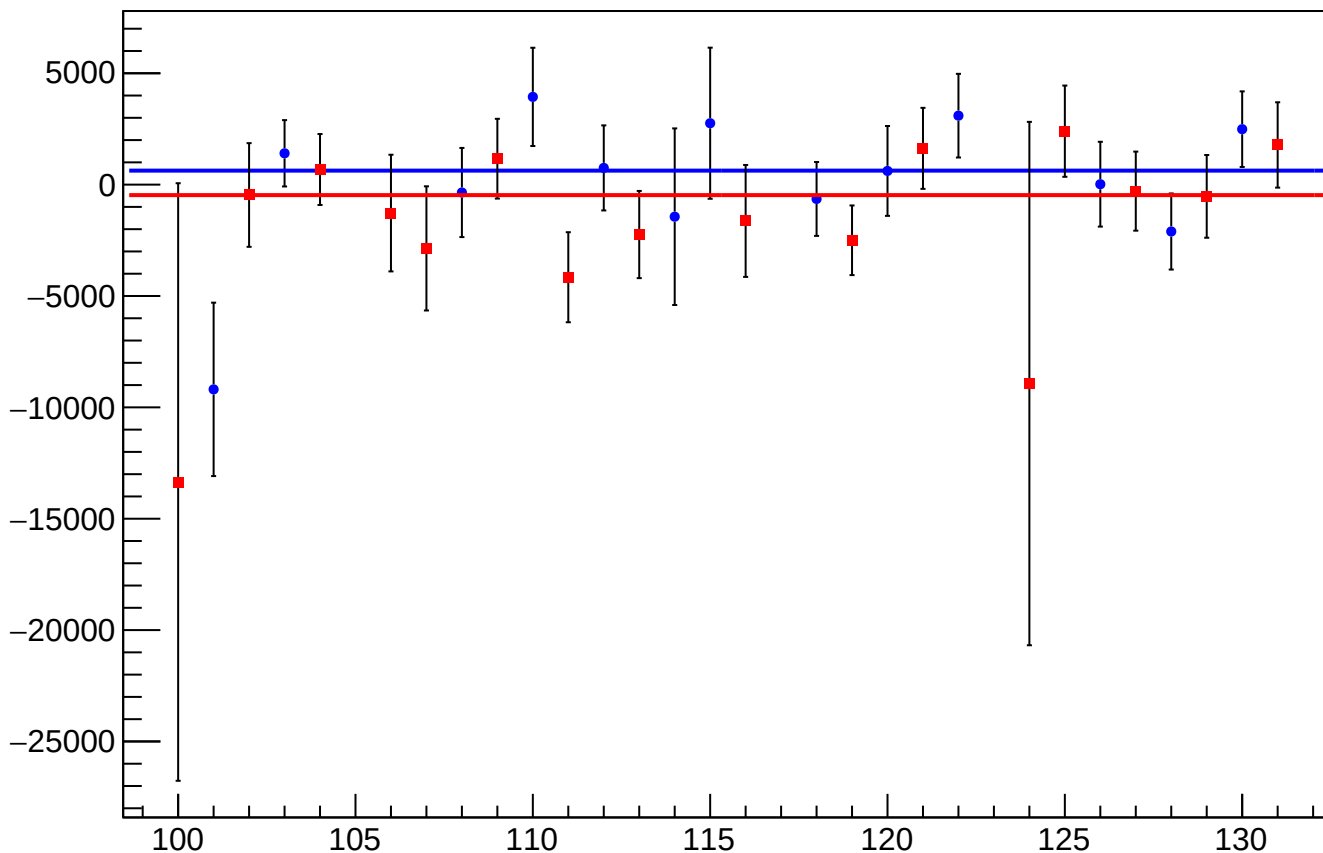
Right: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.494+/-521.911 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

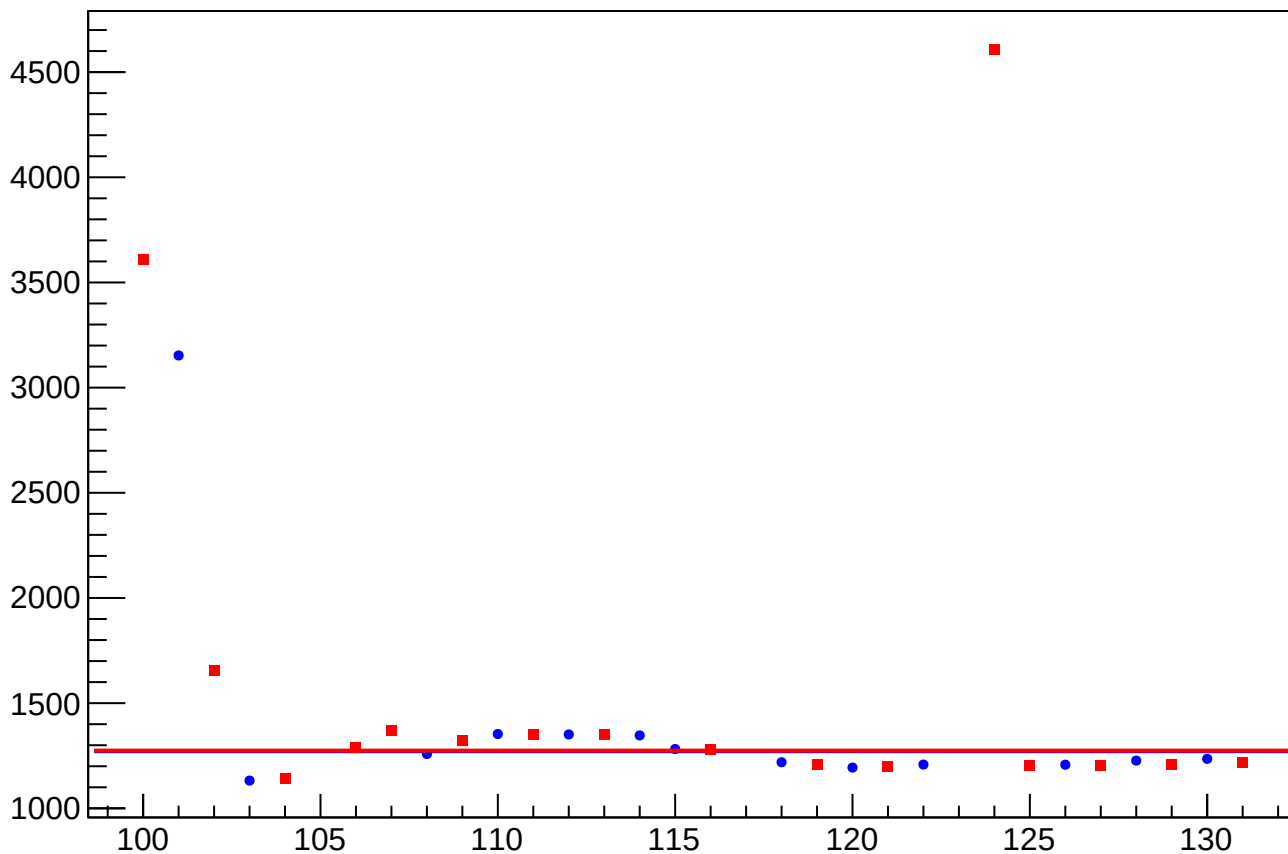
Right: 46.161+/-379.972 χ^2/NDF : 32.4/28

In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.161+/-379.972 χ^2/NDF : 32.4/28

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

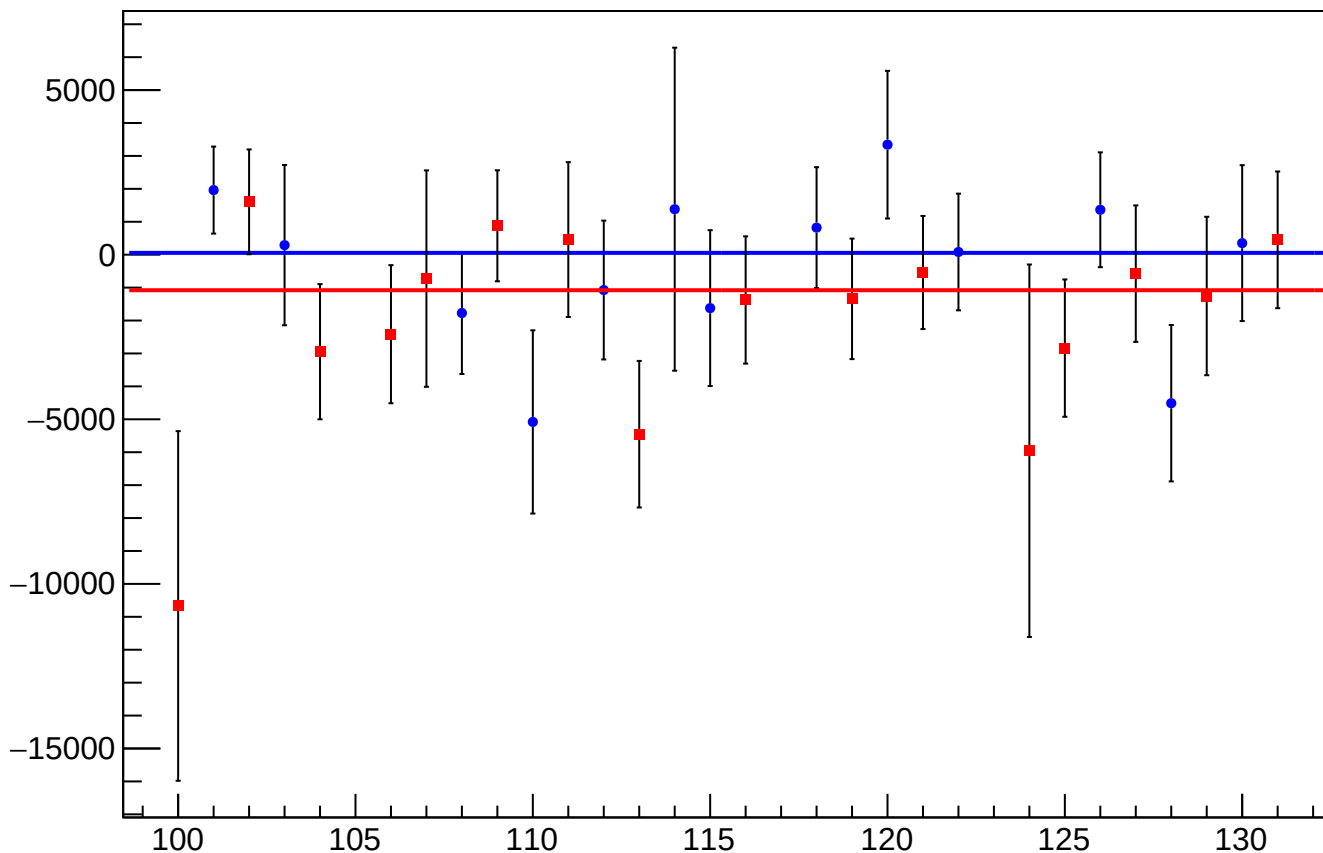
Right: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

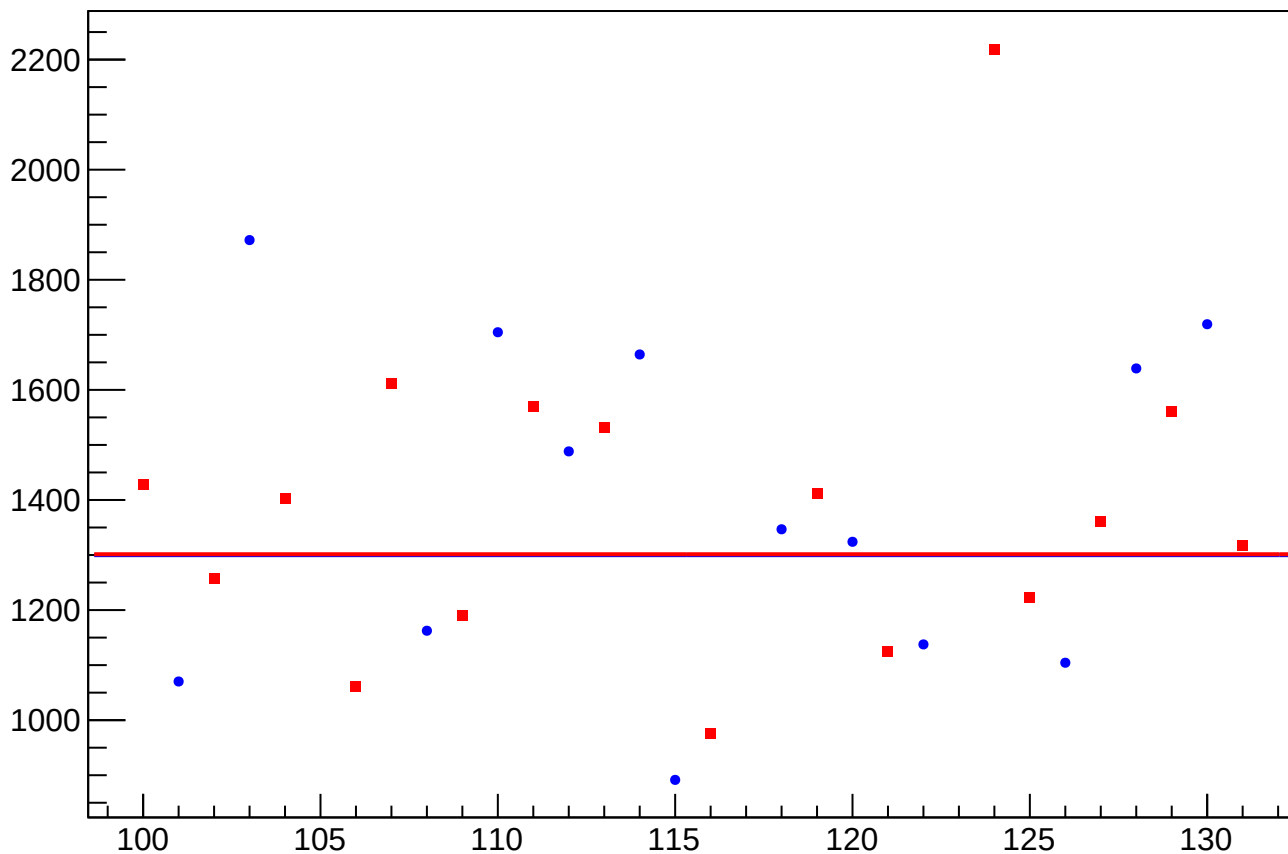
Right: -547.975+/-388.371 χ^2/NDF : 31.2/28

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.975+/-388.371 χ^2/NDF : 31.2/28

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

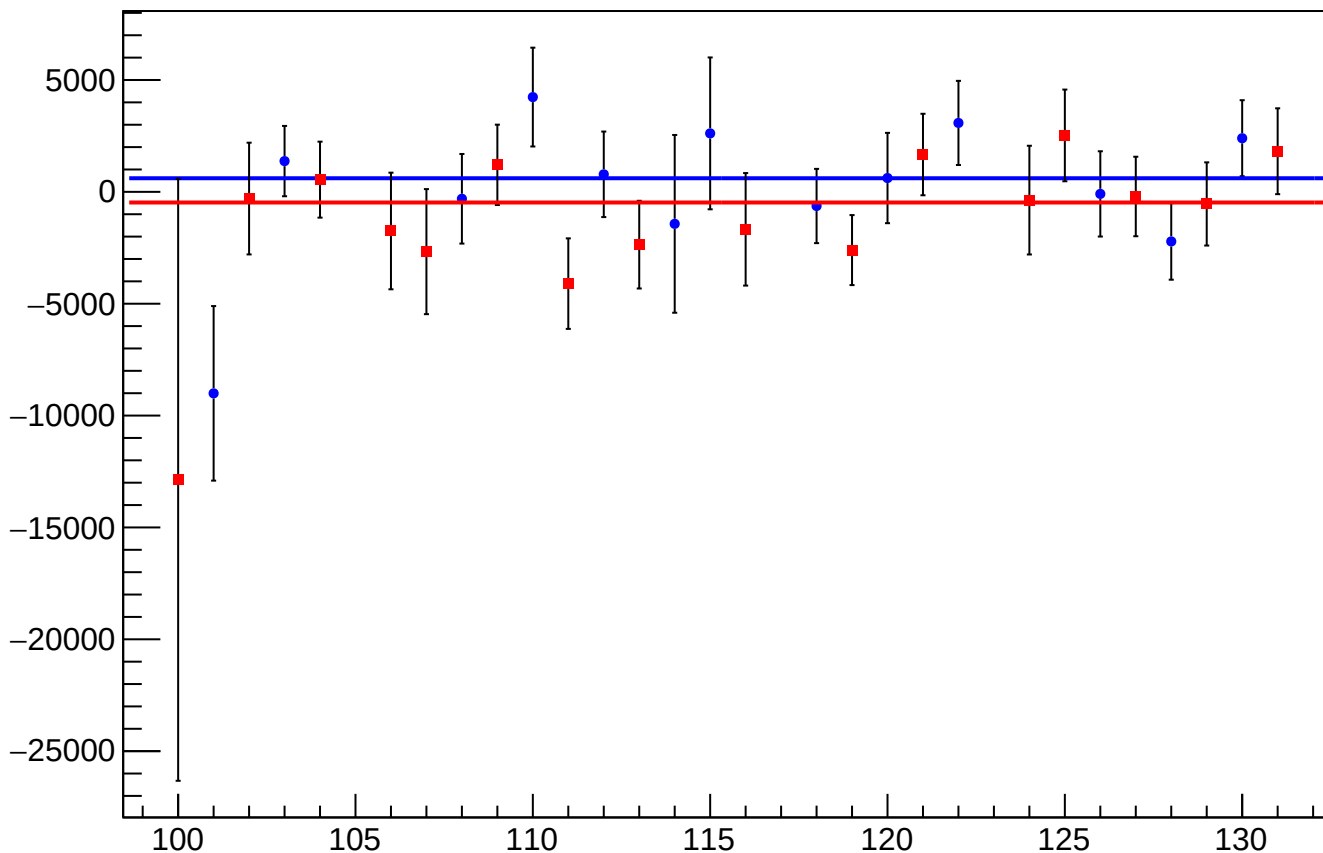
Right: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.744+/-515.990 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

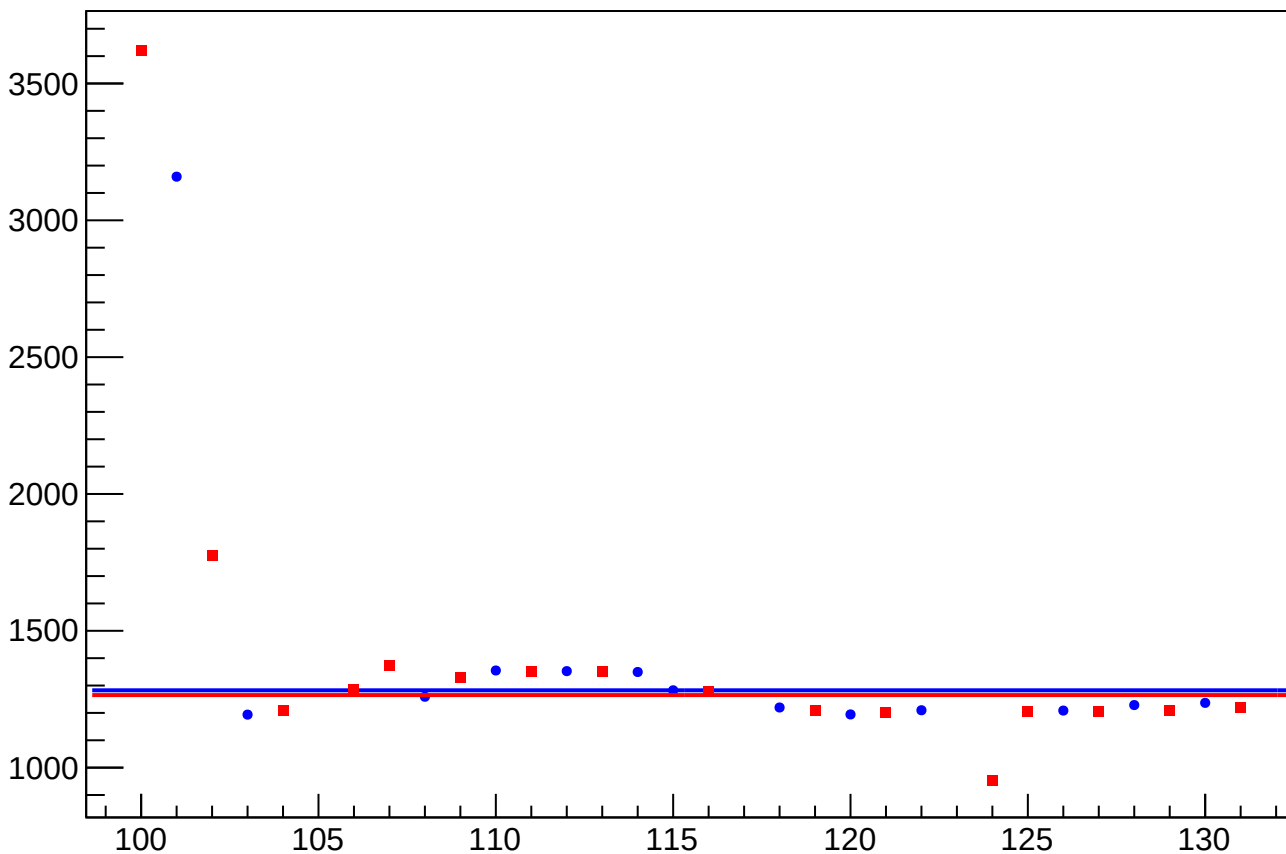
Right: 23.234+/-379.069 χ^2/NDF : 32.3/28

In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.234+/-379.069 χ^2/NDF : 32.3/28

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

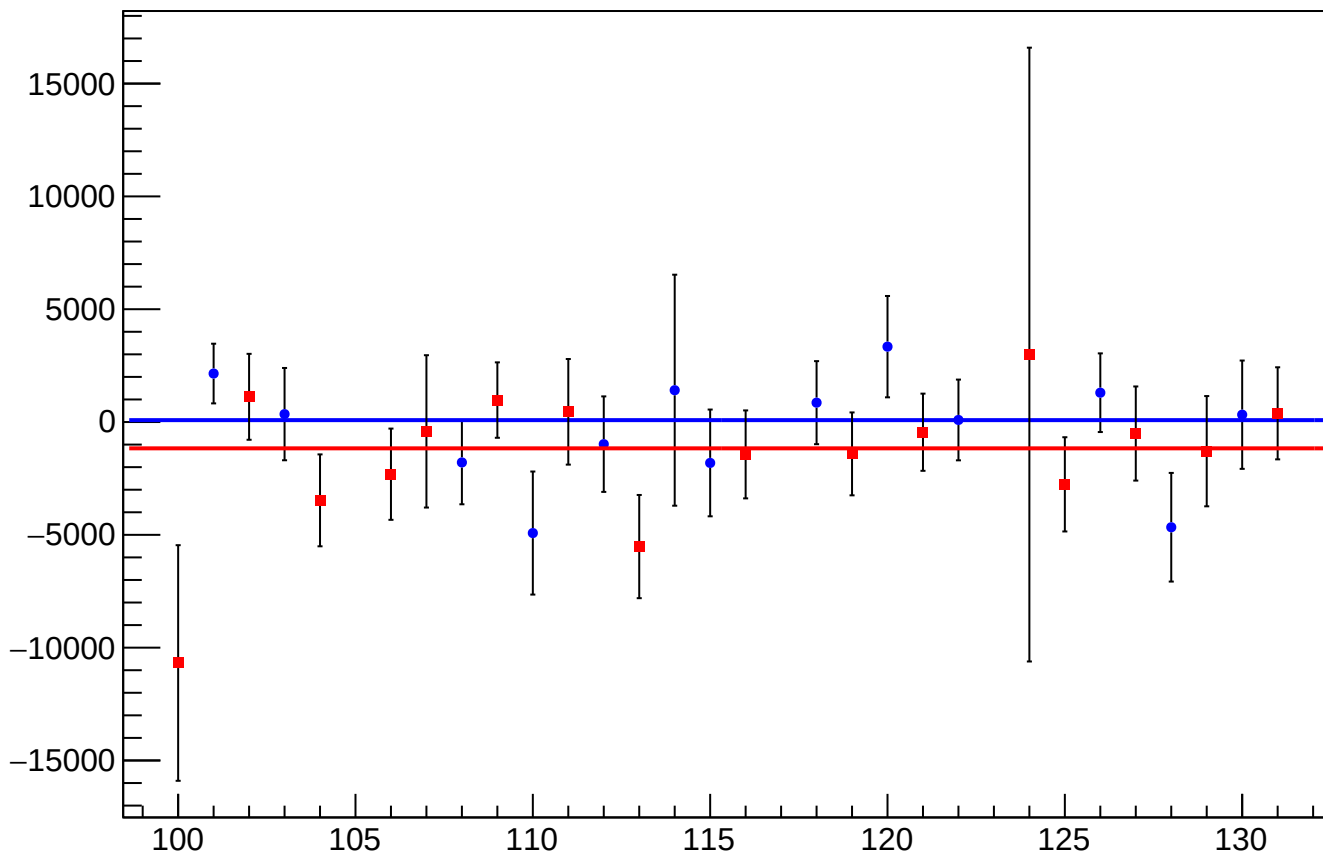
Right: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1166.315+/-543.024 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

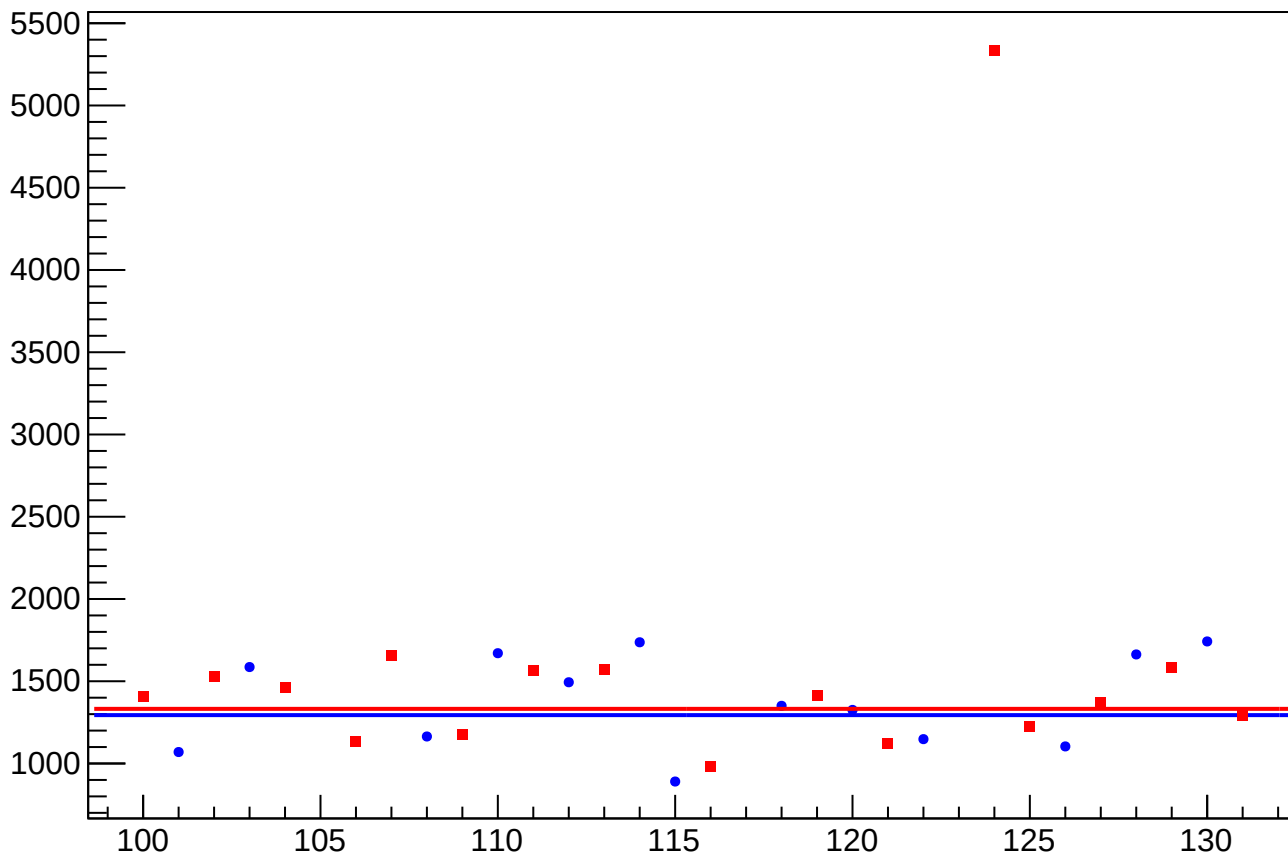
Right: -563.657+/-390.793 χ^2/NDF : 30.7/28

In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.657+/-390.793 χ^2/NDF : 30.7/28

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.194+/-0.384 χ^2/NDF : 427727.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

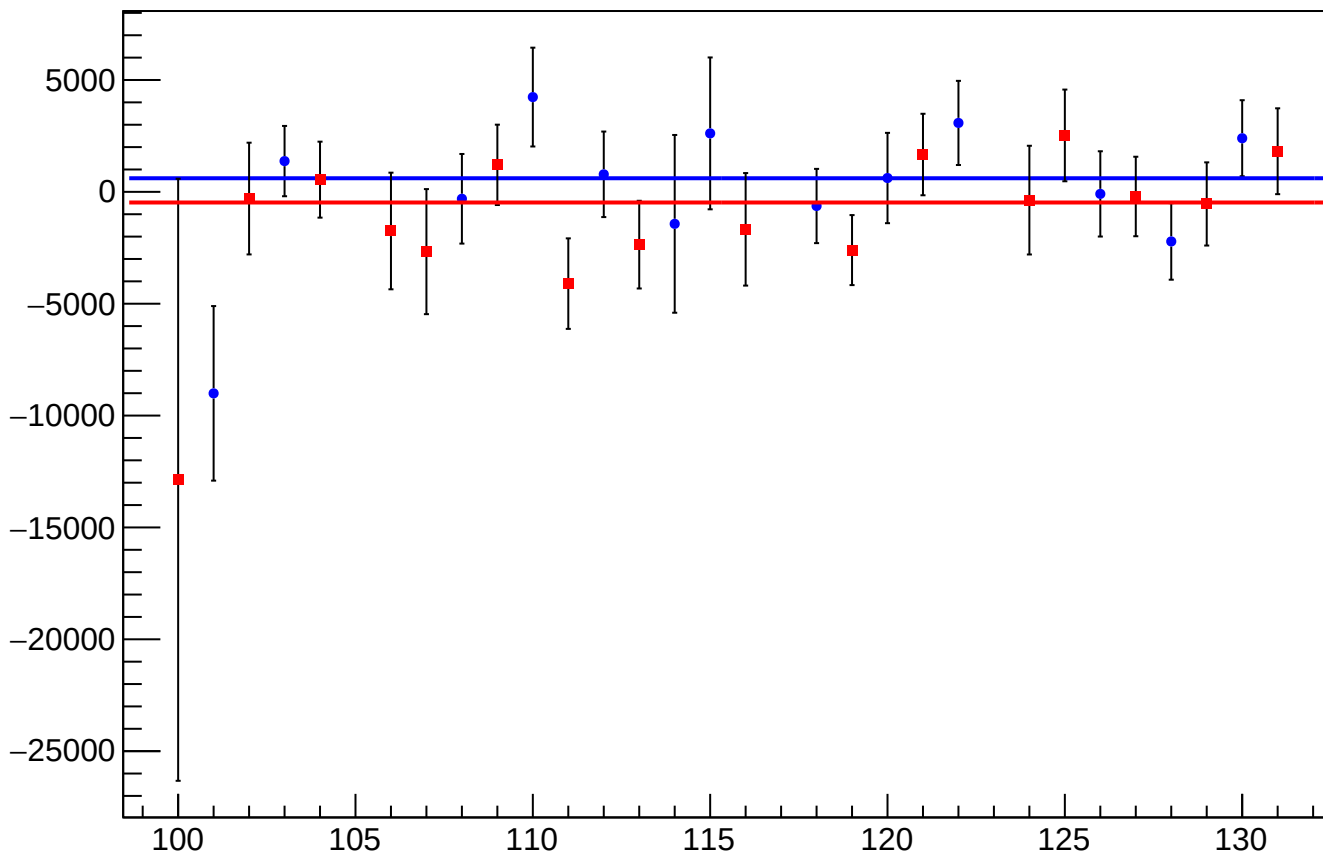
Right: 1313.806+/-0.276 χ^2/NDF : 825780.1/28

In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.806+/-0.276 χ^2/NDF : 825780.1/28

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.744+/-515.990 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

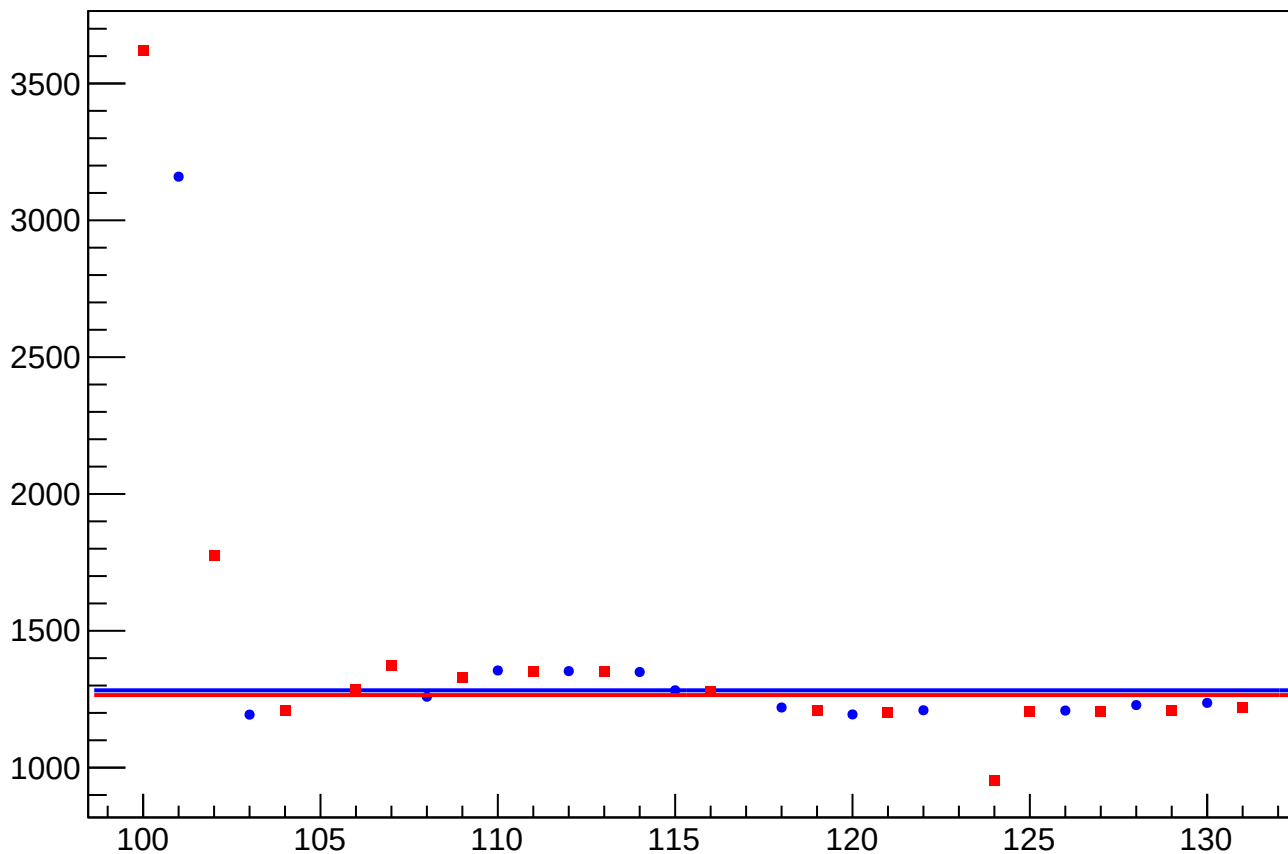
Right: 23.233+/-379.069 χ^2/NDF : 32.3/28

In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.233+/-379.069 χ^2/NDF : 32.3/28

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

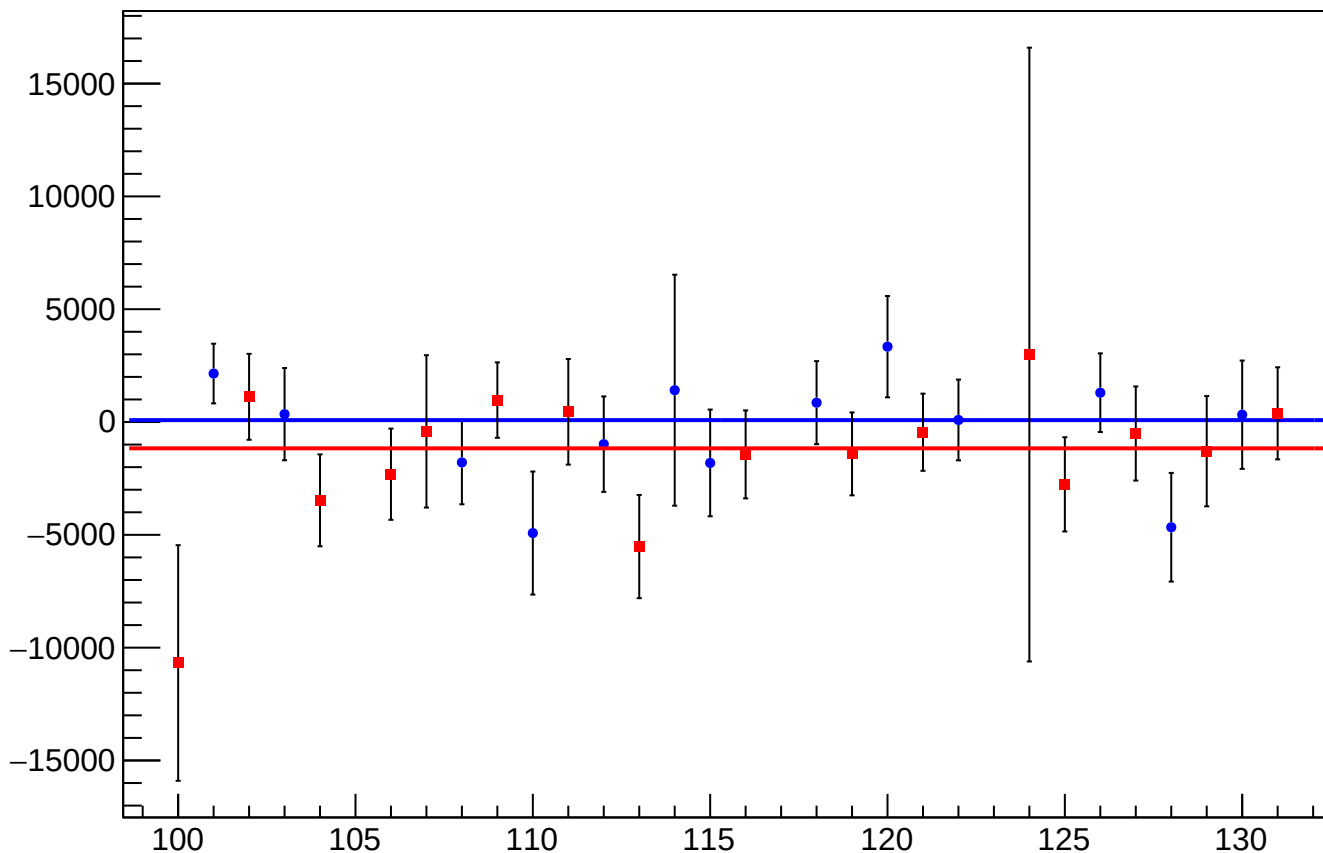
Right: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1166.315+/-543.023 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

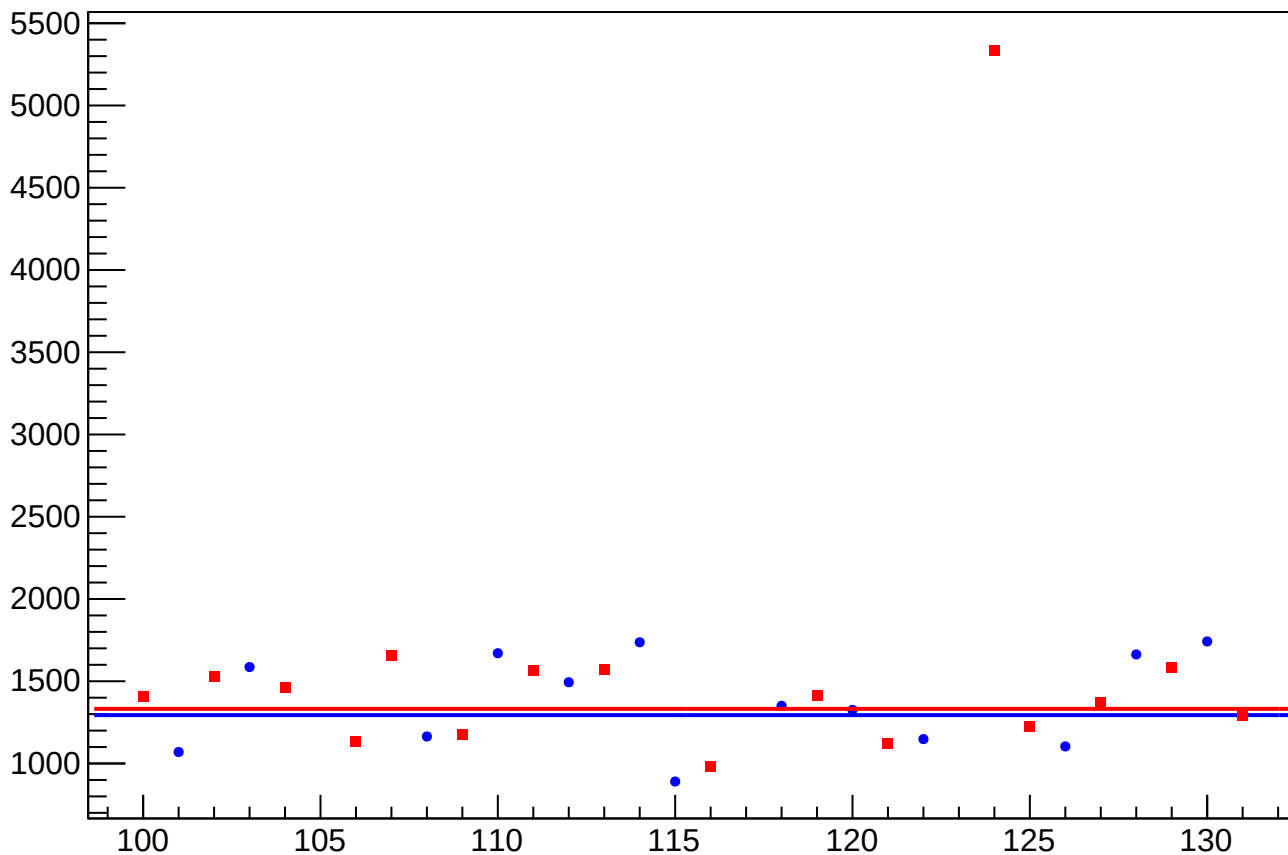
Right: -563.657+/-390.793 χ^2/NDF : 30.7/28

In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.657+/-390.793 χ^2/NDF : 30.7/28

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.193+/-0.384 χ^2/NDF : 427727.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

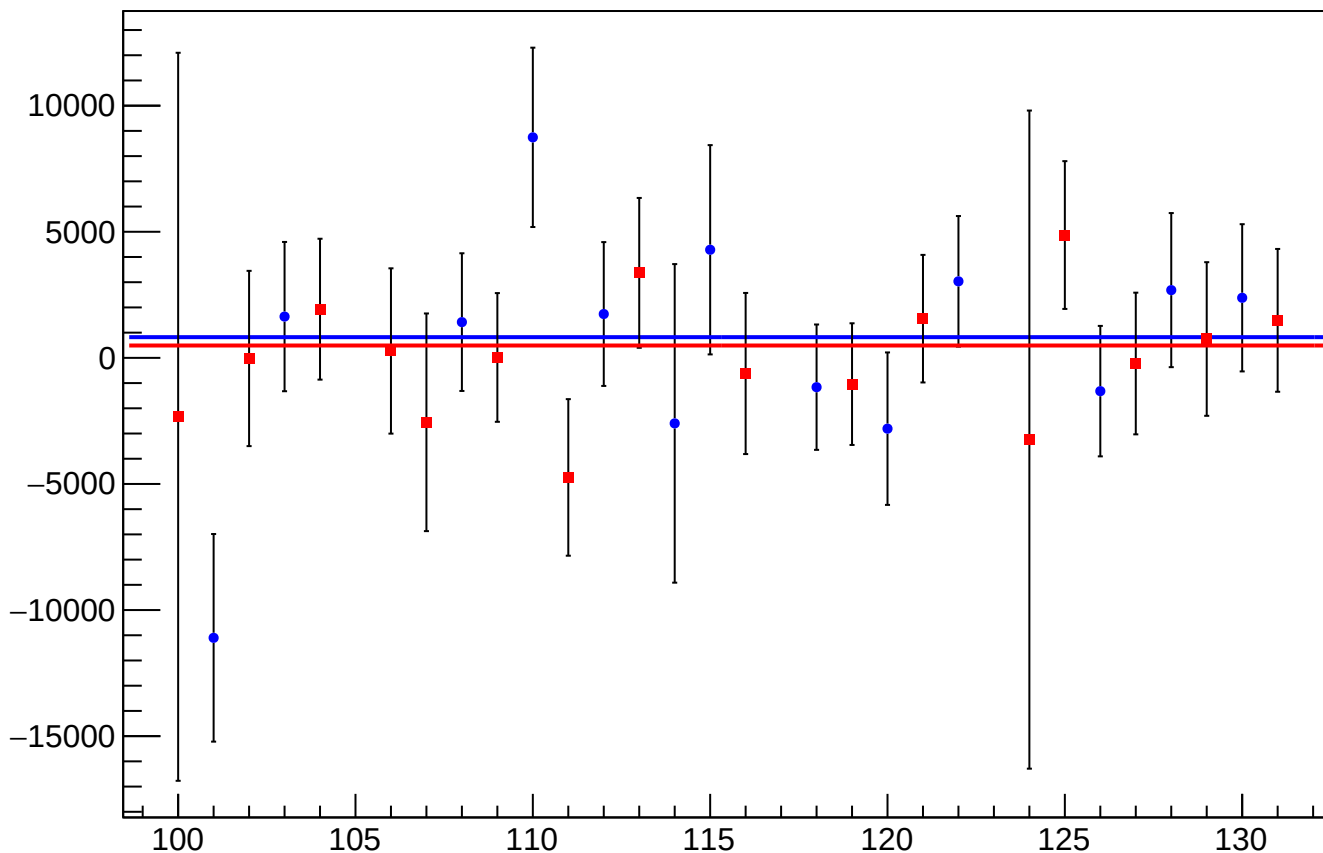
Right: 1313.804+/-0.276 χ^2/NDF : 825785.7/28

In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.804+/-0.276 χ^2/NDF : 825785.7/28

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 821.030+/-849.097 χ^2/NDF : 18.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.136+/-780.642 χ^2/NDF : 7.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

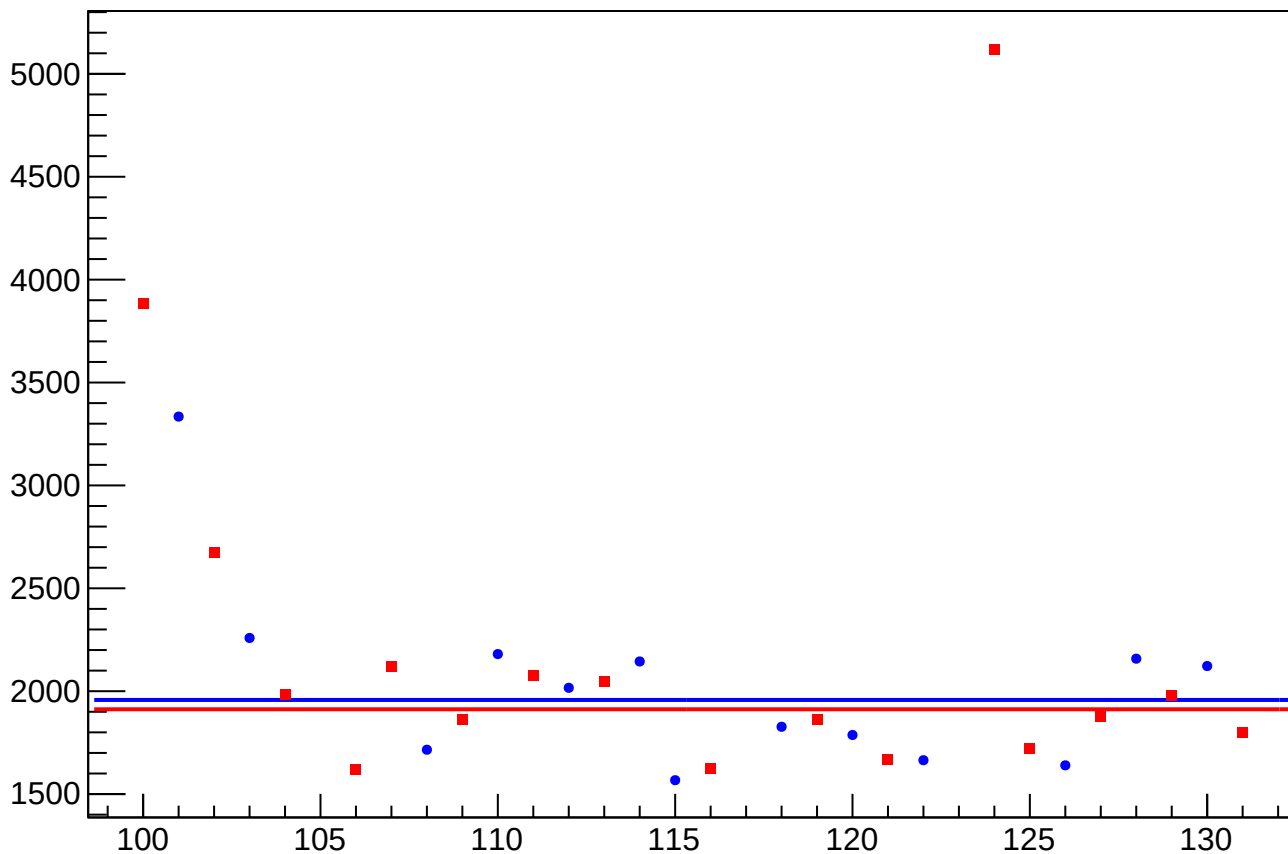
Right: 641.708+/-574.676 χ^2/NDF : 26.7/28

In: 821.030+/-849.097 χ^2/NDF : 18.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.708+/-574.676 χ^2/NDF : 26.7/28

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.089+/-0.552 χ^2/NDF : 335714.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

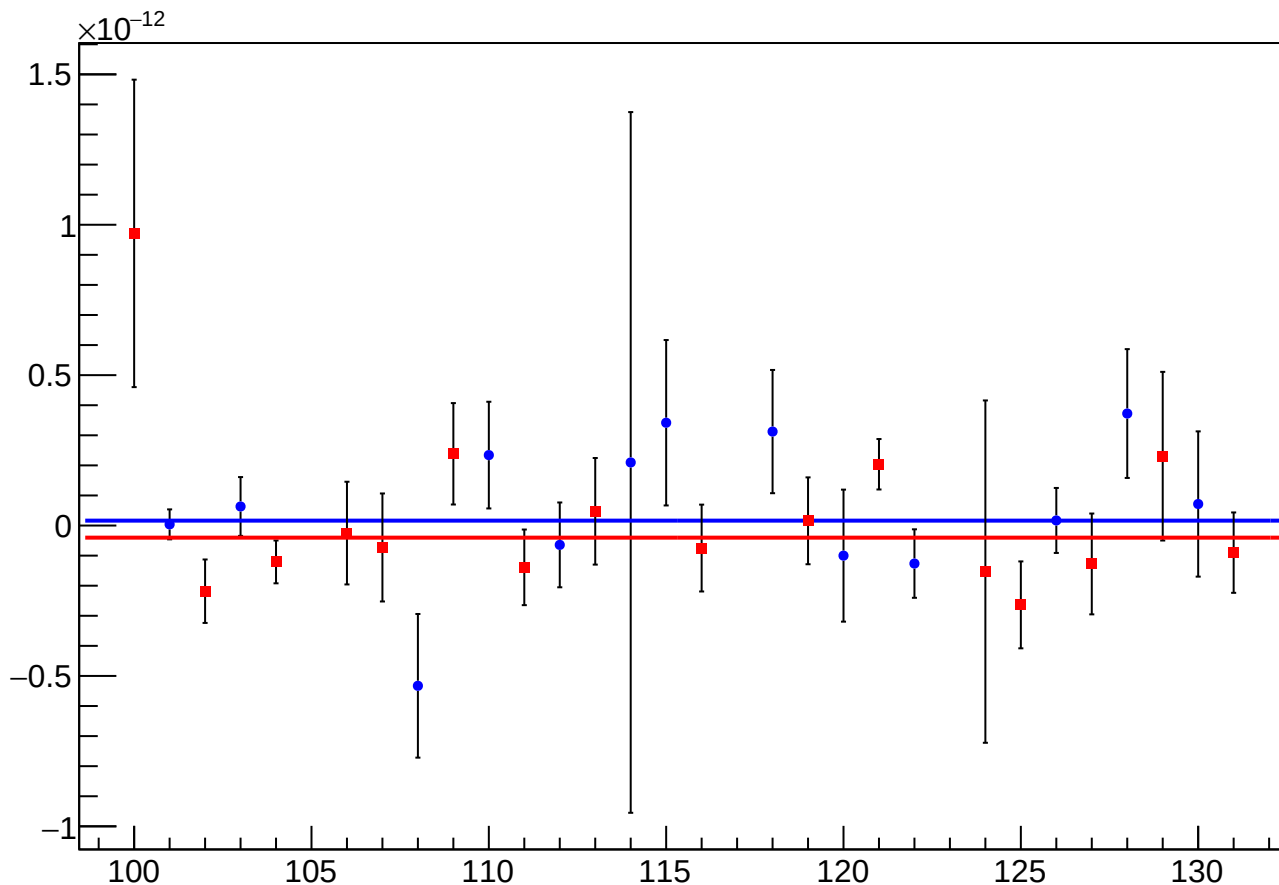
Right: 1932.884+/-0.406 χ^2/NDF : 709820.4/28

In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.884+/-0.406 χ^2/NDF : 709820.4/28

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

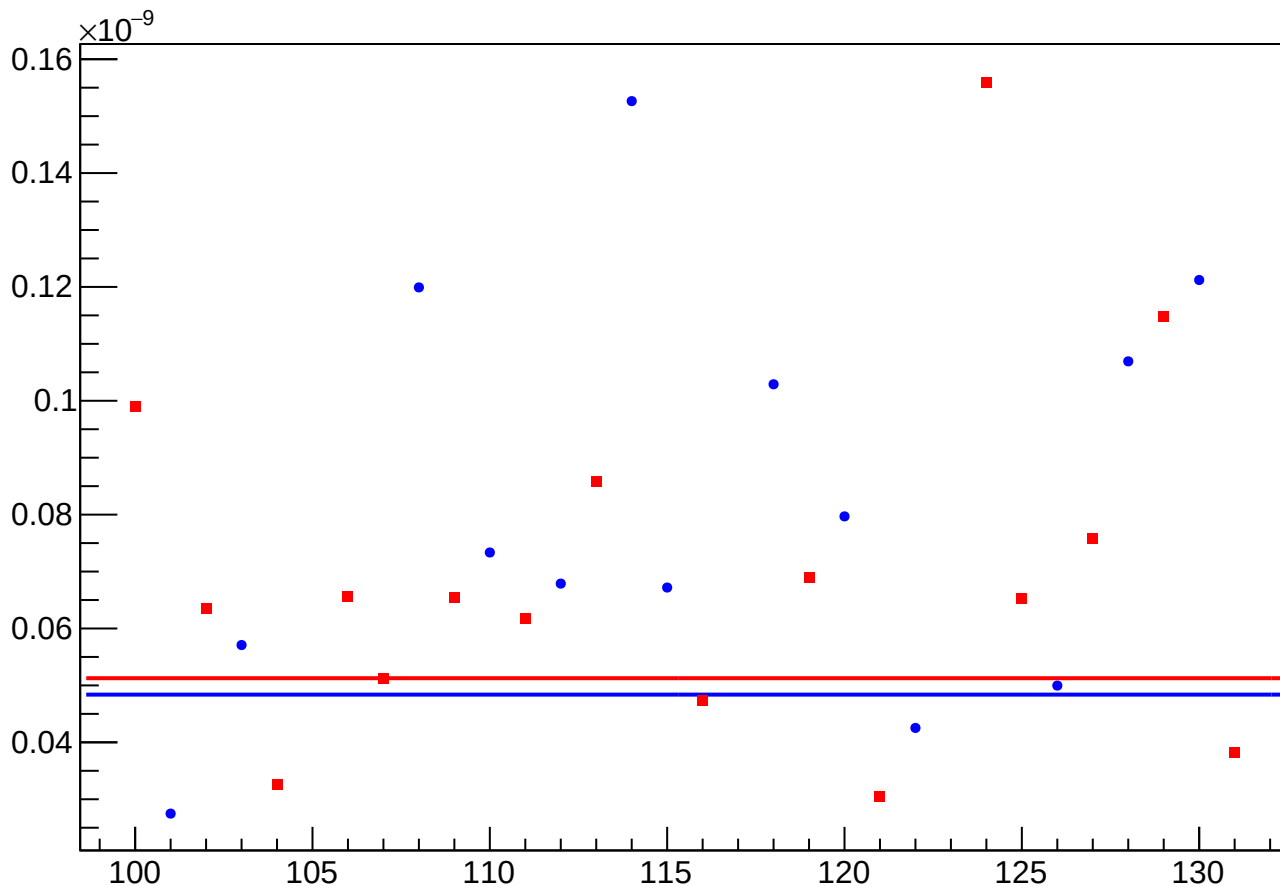
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.1/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:15.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.1/28

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704491.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

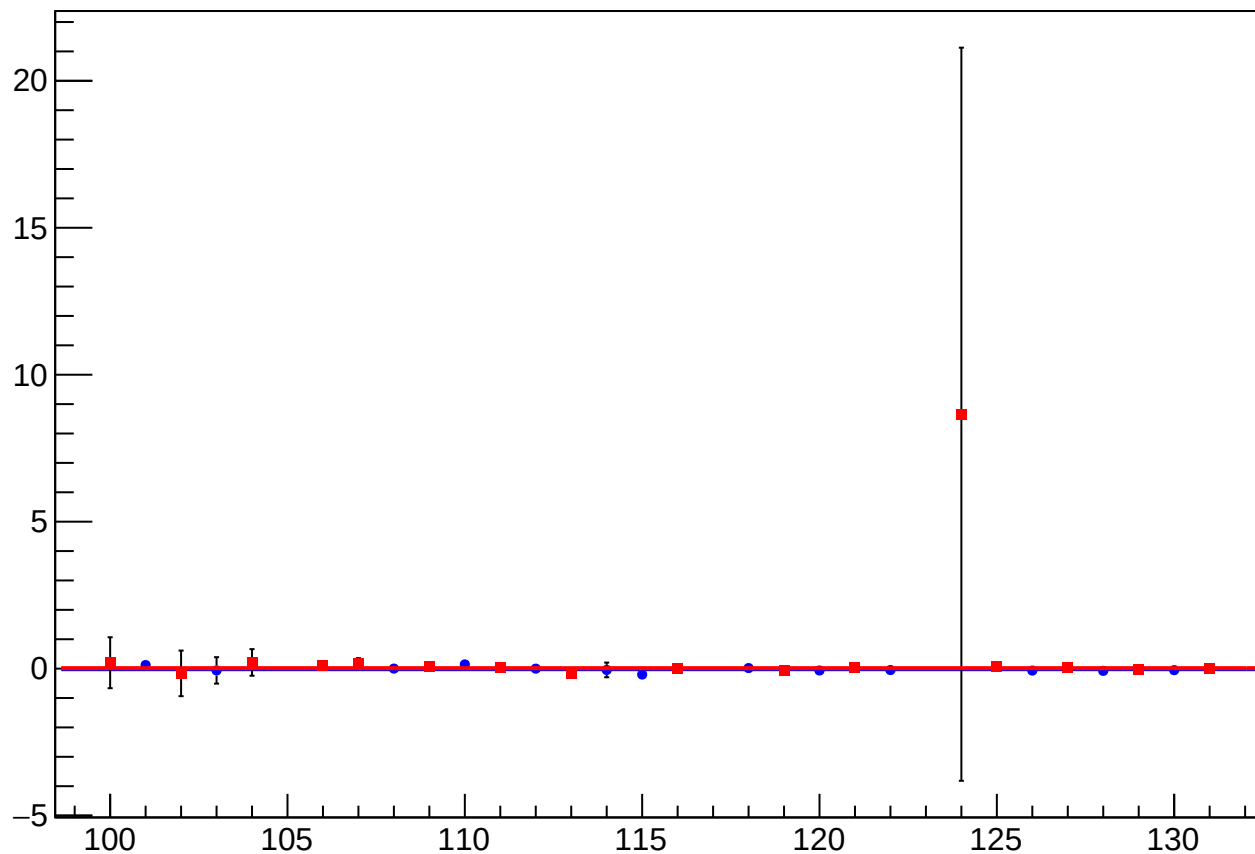
Right: 0.000+/-0.000 χ^2/NDF : 1882023.0/28

In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1882023.0/28

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

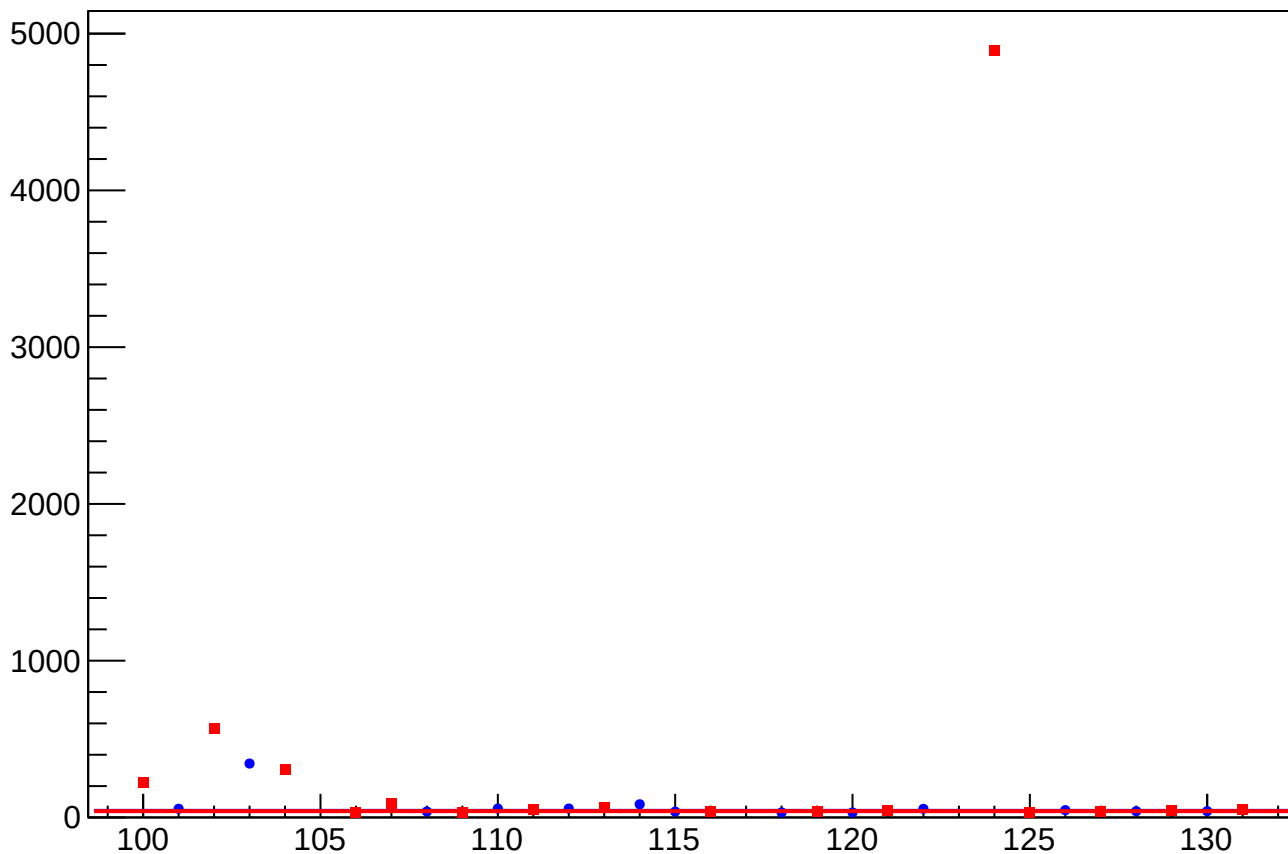
Right: -0.000+/-0.014 χ^2/NDF : 25.2/28

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.2/28

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

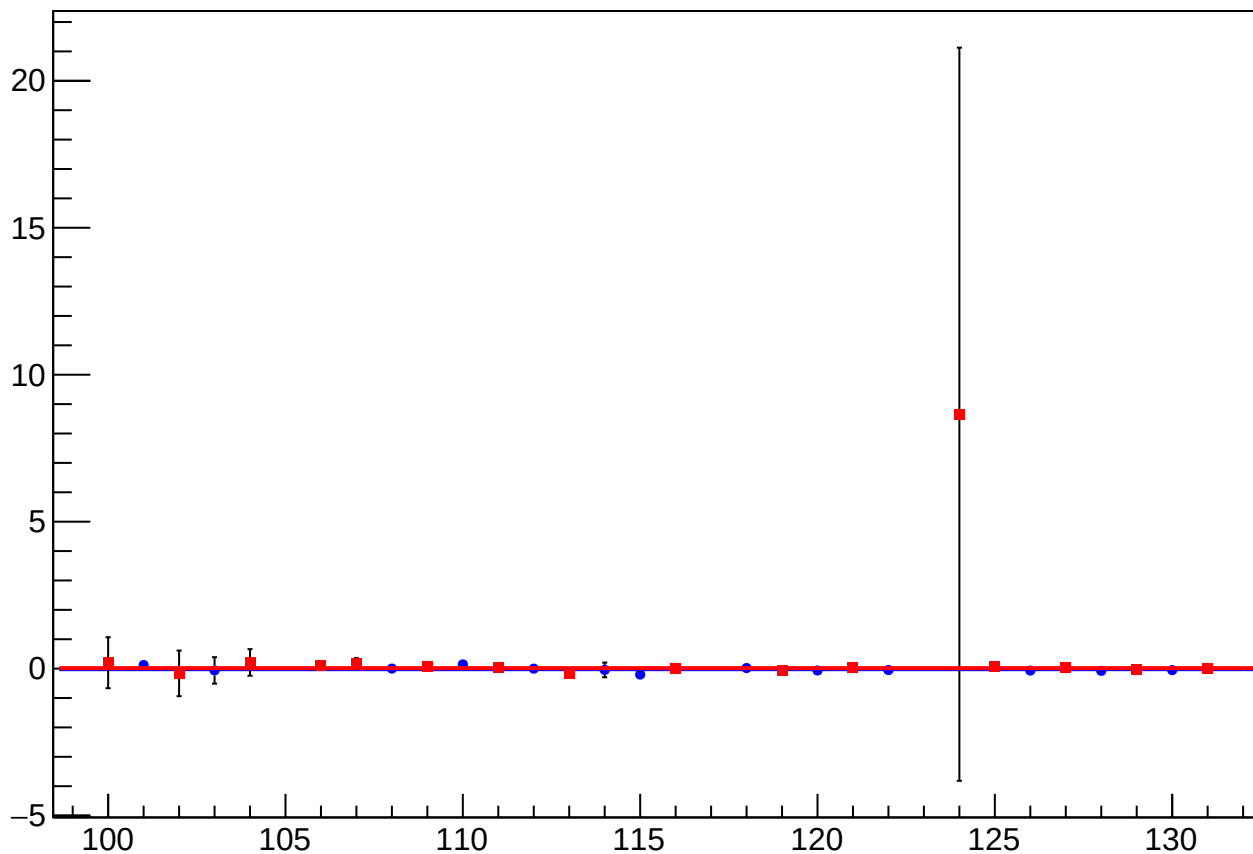
Right: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

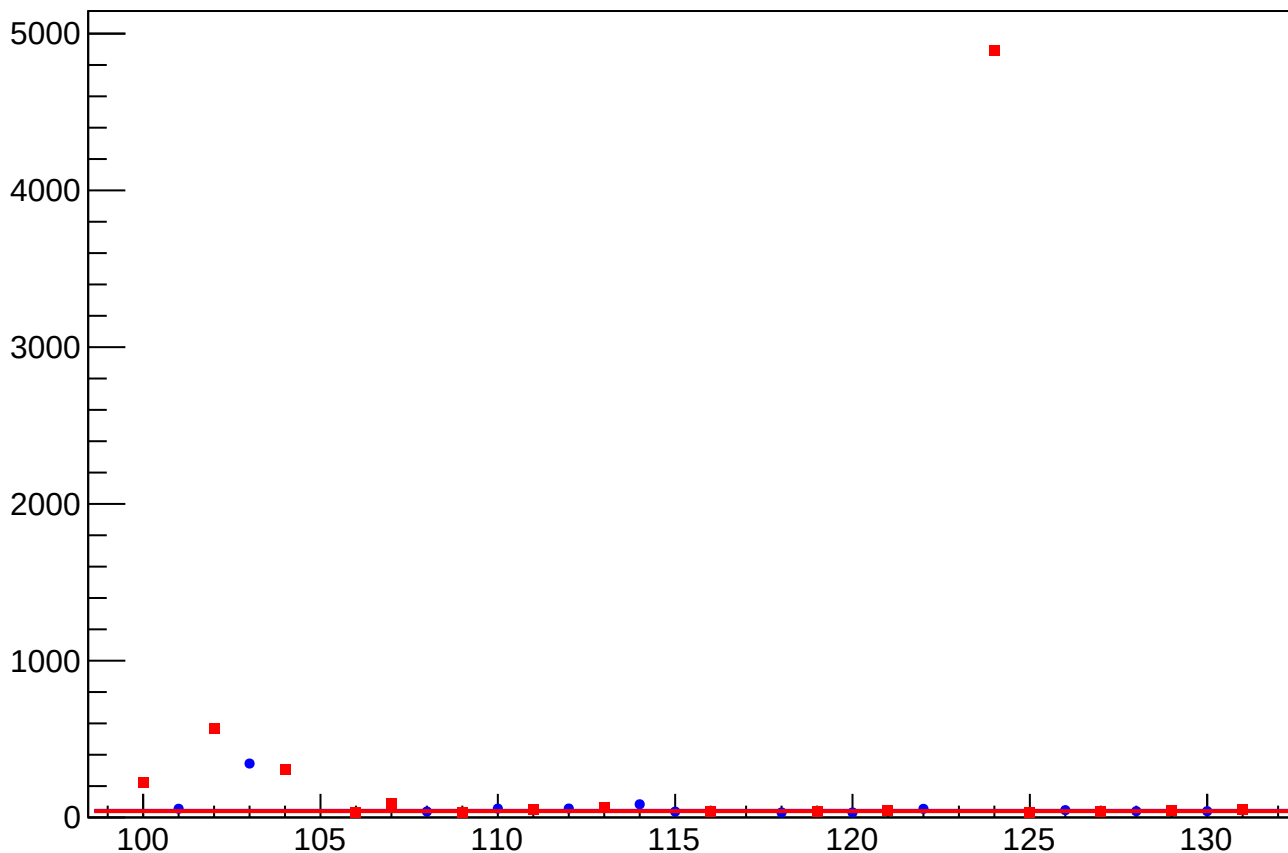
Right: -0.000+/-0.014 χ^2/NDF : 25.2/28

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.2/28

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354145.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.336 $\pm$ 0.014 χ^2 /NDF: 2449069.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

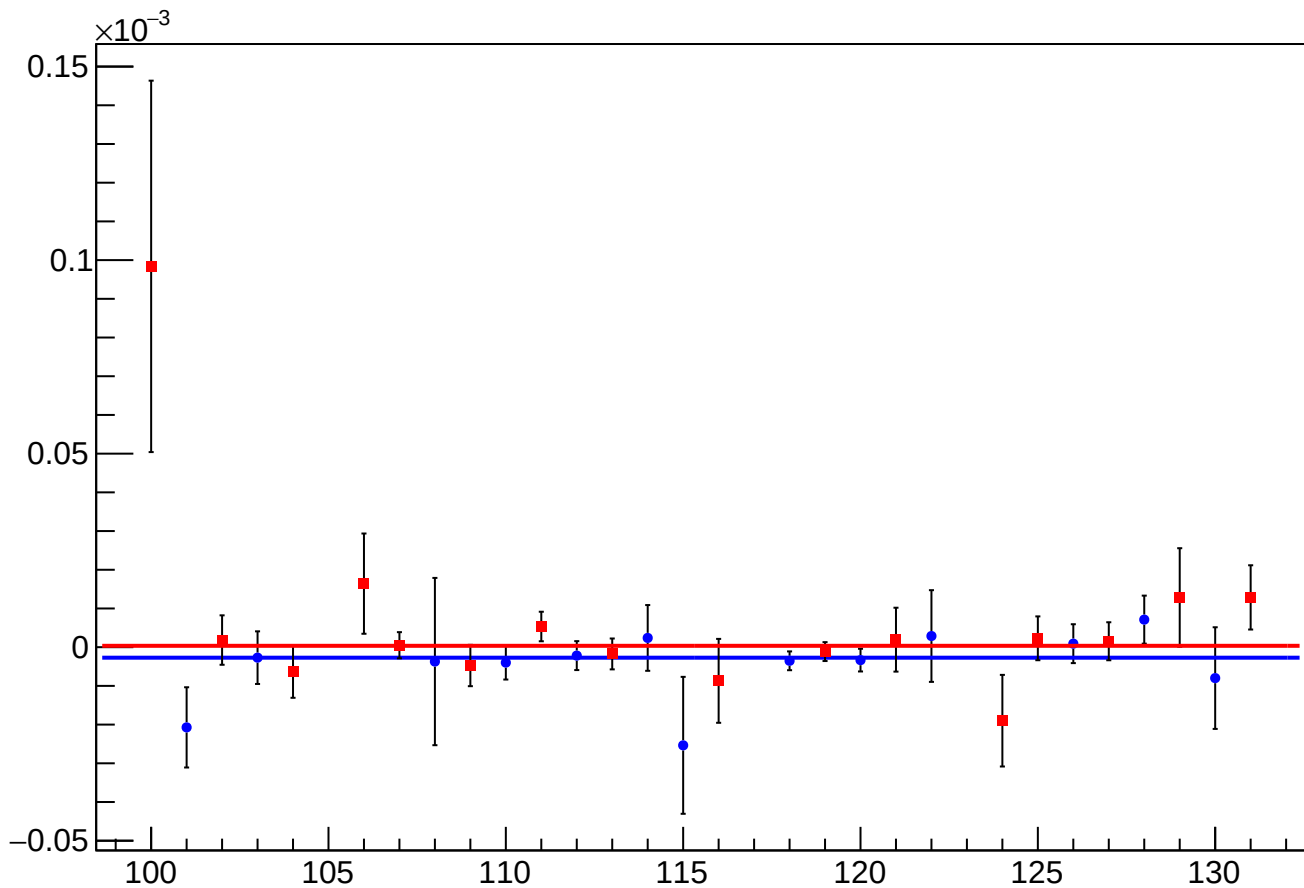
Right: 41.184 $\pm$ 0.010 χ^2 /NDF: 3811009.5/28

In: 42.102 $\pm$ 0.014 χ^2 /NDF:1354145.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.184 $\pm$ 0.010 χ^2 /NDF: 3811009.5/28

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 : 8.7/12

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

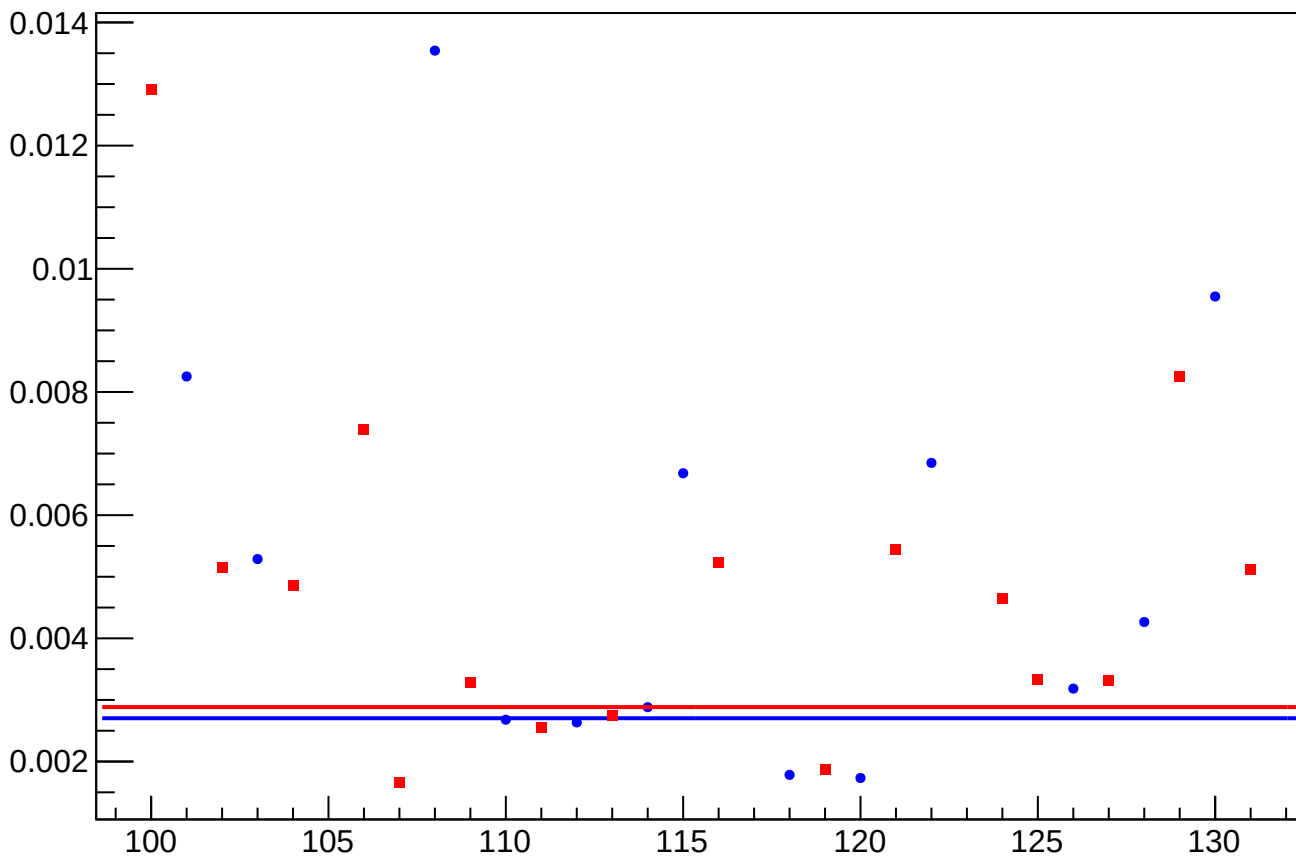
Right: -0.000+/-0.000 χ^2/NDF : 28.2/28

In: -0.000+/-0.000 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/28

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 : 2907921.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2249298.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

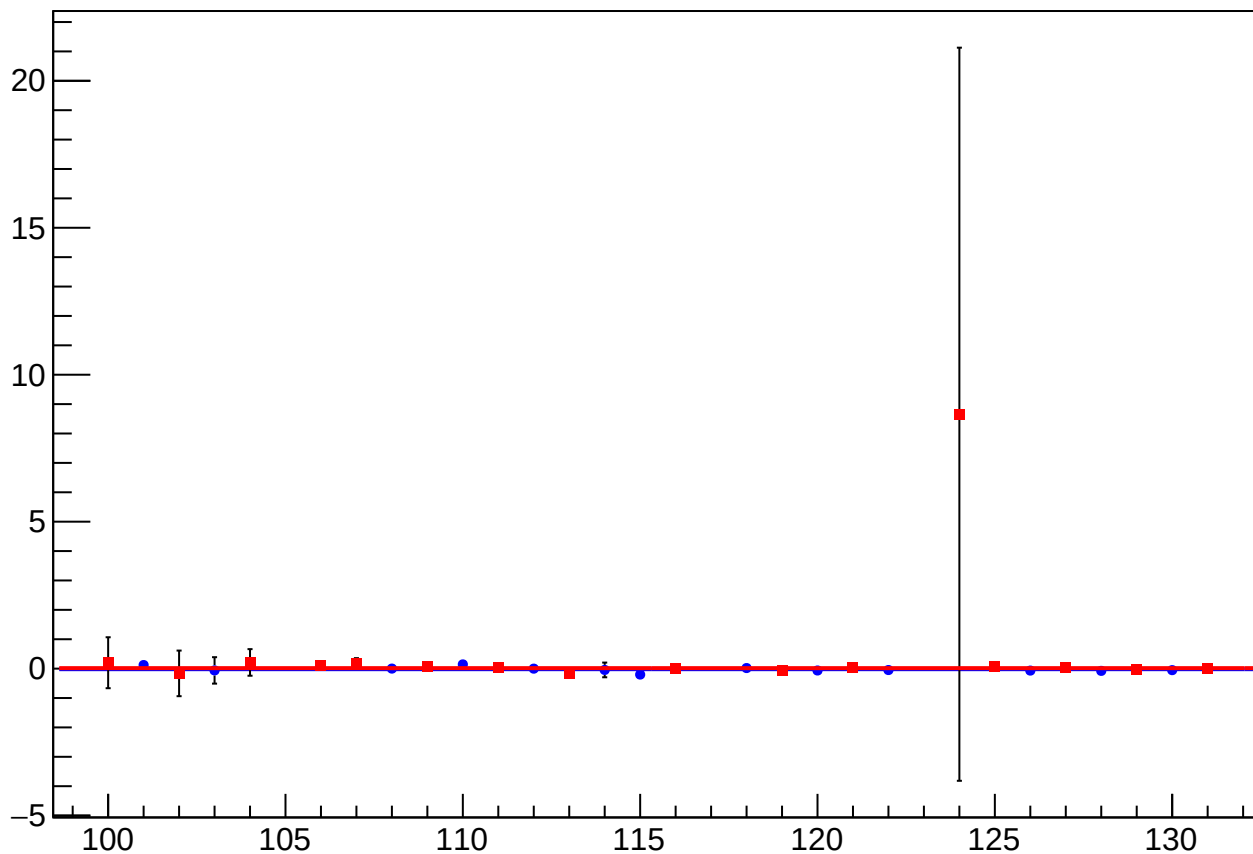
Right: 0.003+/-0.000 χ^2/NDF : 5175813.4/28

In: 0.003+/-0.000 χ^2/NDF :2907921.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5175813.4/28

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 ± 0.020 χ^2/NDF : 12.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.020 χ^2/NDF : 11.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

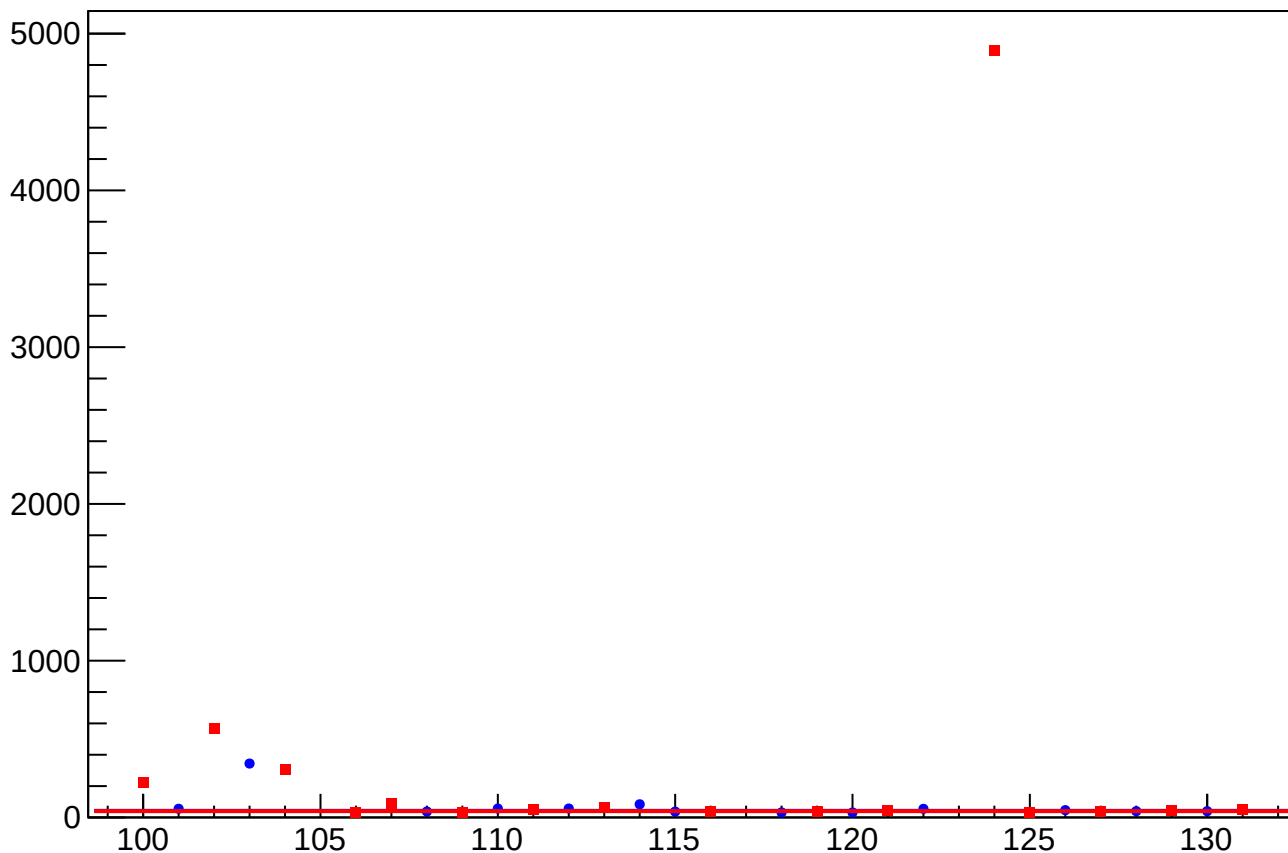
Right: -0.000 ± 0.014 χ^2/NDF : 25.2/28

In: -0.019 ± 0.020 χ^2/NDF : 12.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.014 χ^2/NDF : 25.2/28

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.335 $\pm$ 0.014 χ^2 /NDF: 2449119.4/15

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

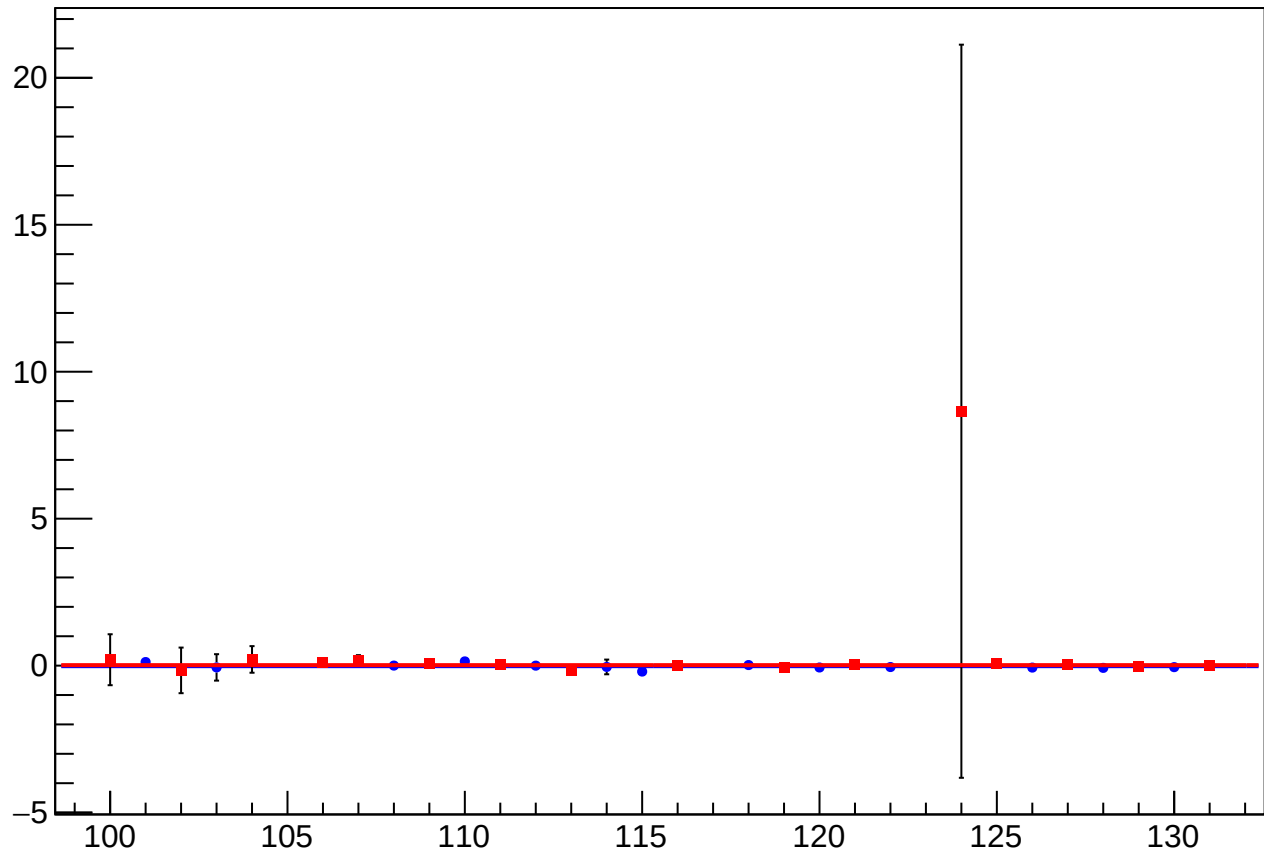
Right: 41.183 $\pm$ 0.010 χ^2 /NDF: 3811081.8/28

In: 42.102 $\pm$ 0.014 χ^2 /NDF:1354160.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.183 $\pm$ 0.010 χ^2 /NDF: 3811081.8/28

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.020 χ^2 /NDF: 11.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

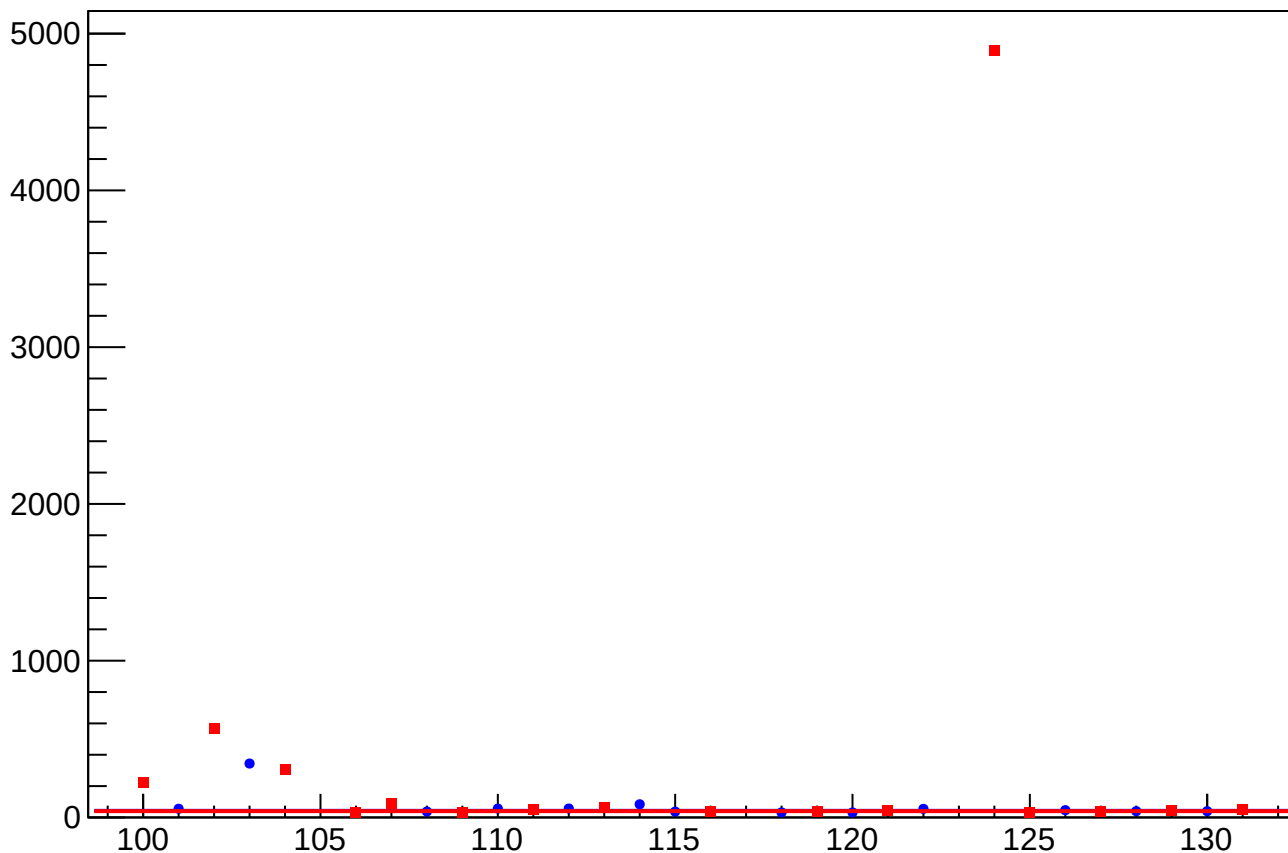
Right: -0.000+/-0.014 χ^2 /NDF: 25.2/28

In: -0.019+/-0.020 χ^2 /NDF:12.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.014 χ^2 /NDF: 25.2/28

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

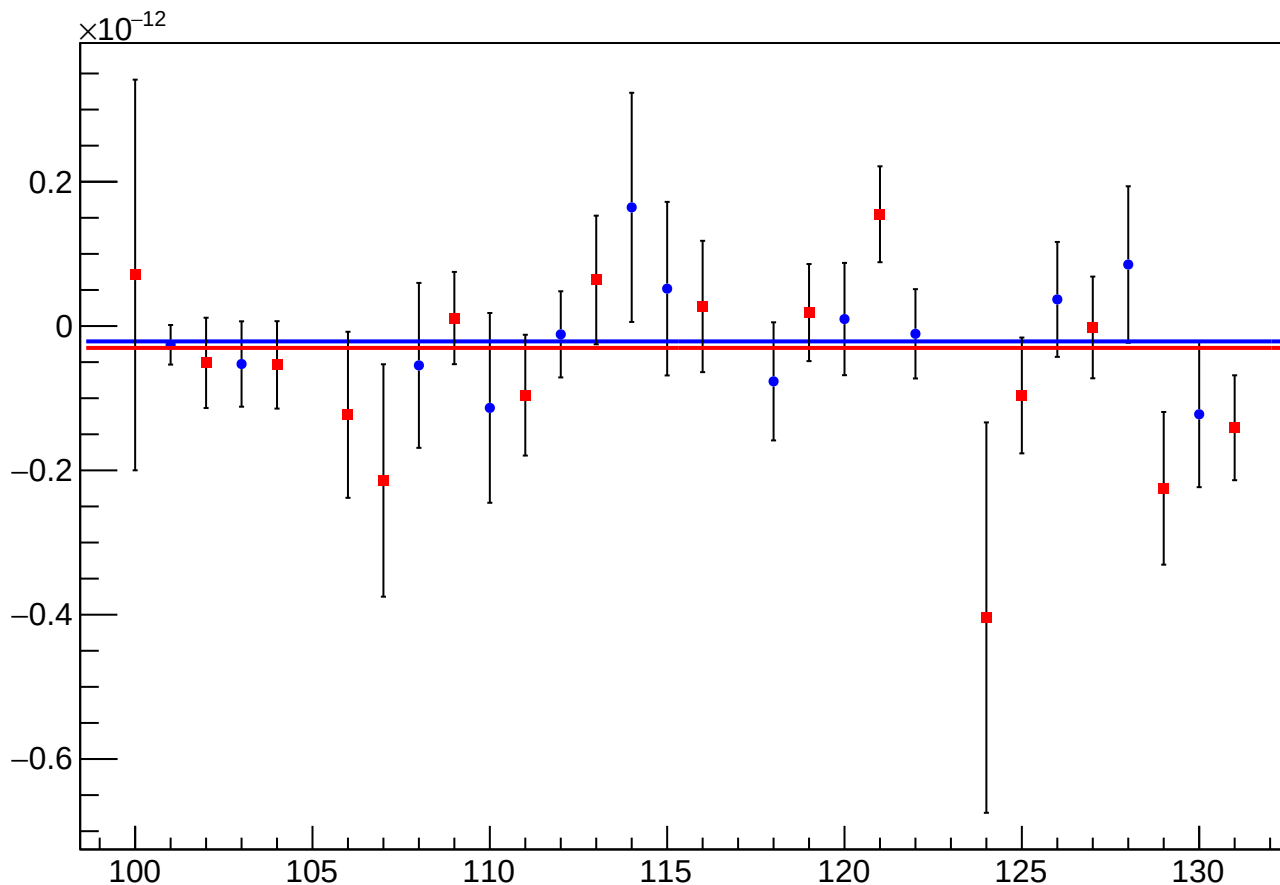
Right: 41.183+/-0.010 χ^2/NDF : 3811081.8/28

In: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.183+/-0.010 χ^2/NDF : 3811081.8/28

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 : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

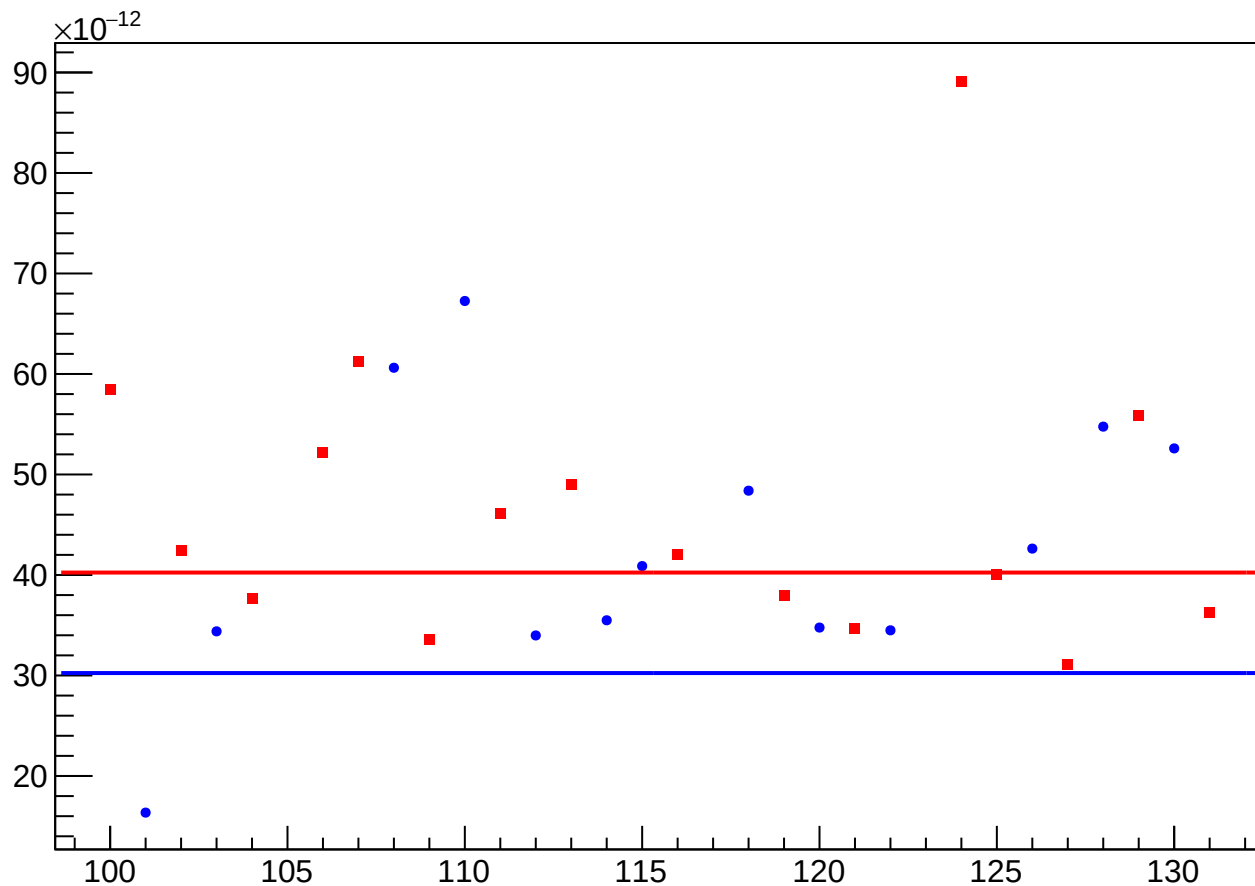
Right: -0.000+/-0.000 χ^2/NDF : 27.5/28

In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.5/28

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 : 1210689.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287415.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

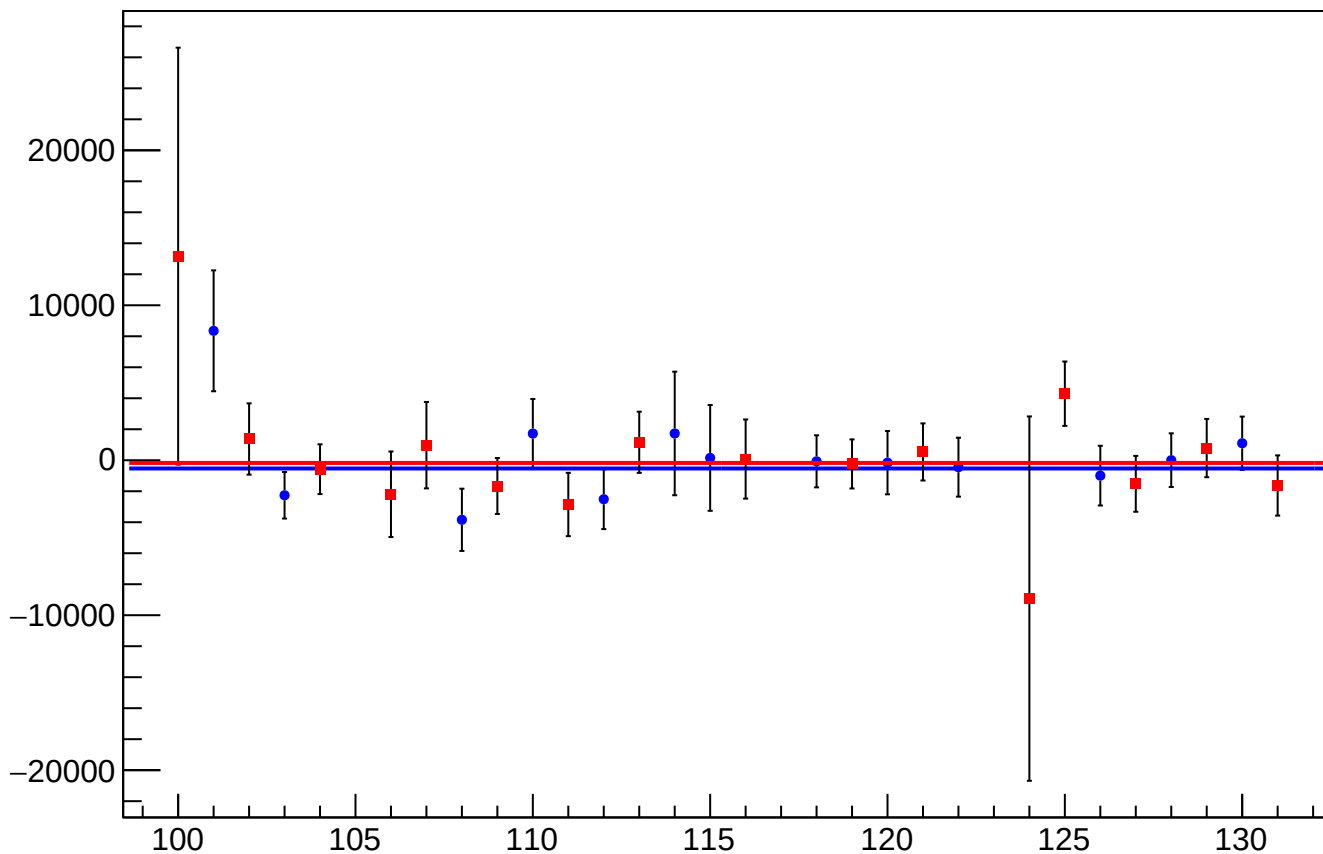
Right: 0.000+/-0.000 χ^2/NDF : 1766085.1/28

In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1766085.1/28

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.251+/-528.071 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

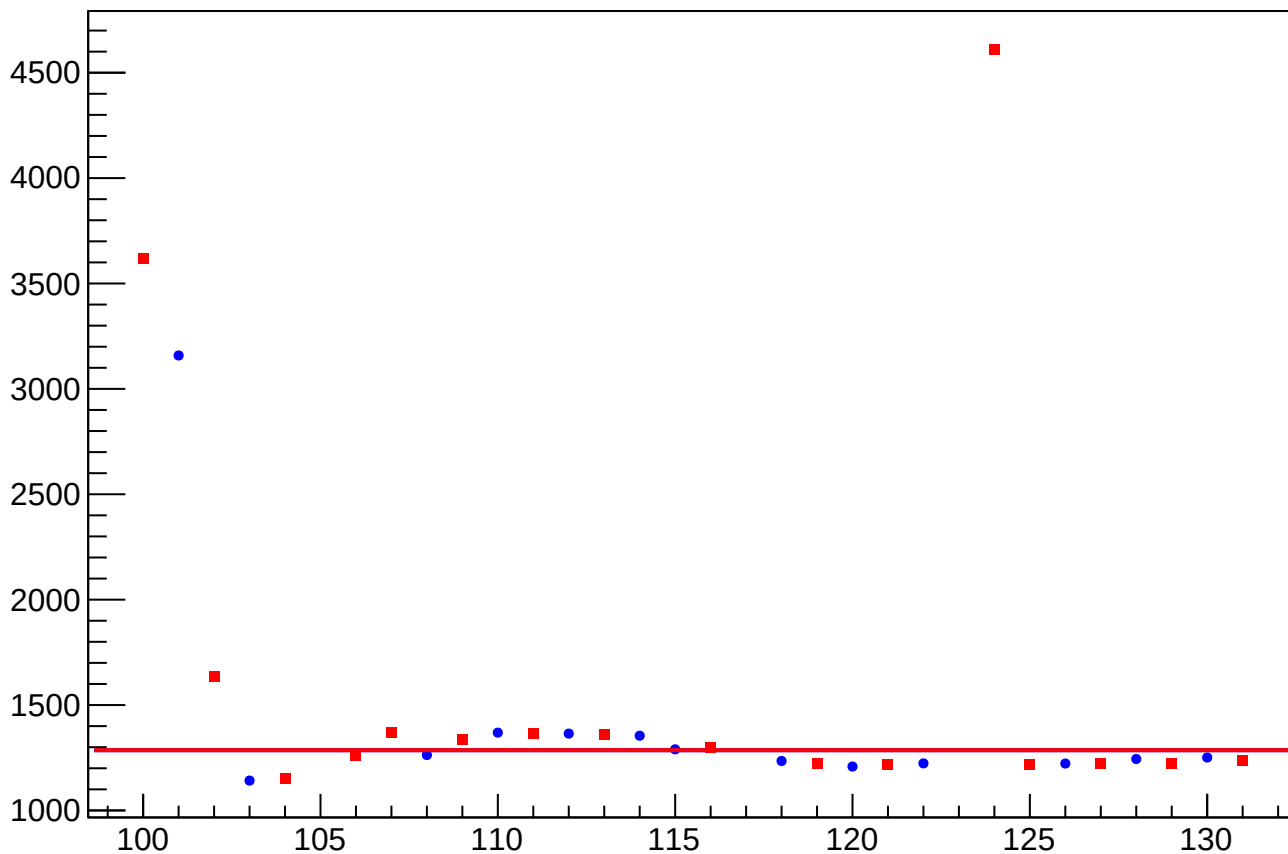
Right: -342.047+/-384.253 χ^2/NDF : 24.8/28

In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.047+/-384.253 χ^2/NDF : 24.8/28

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

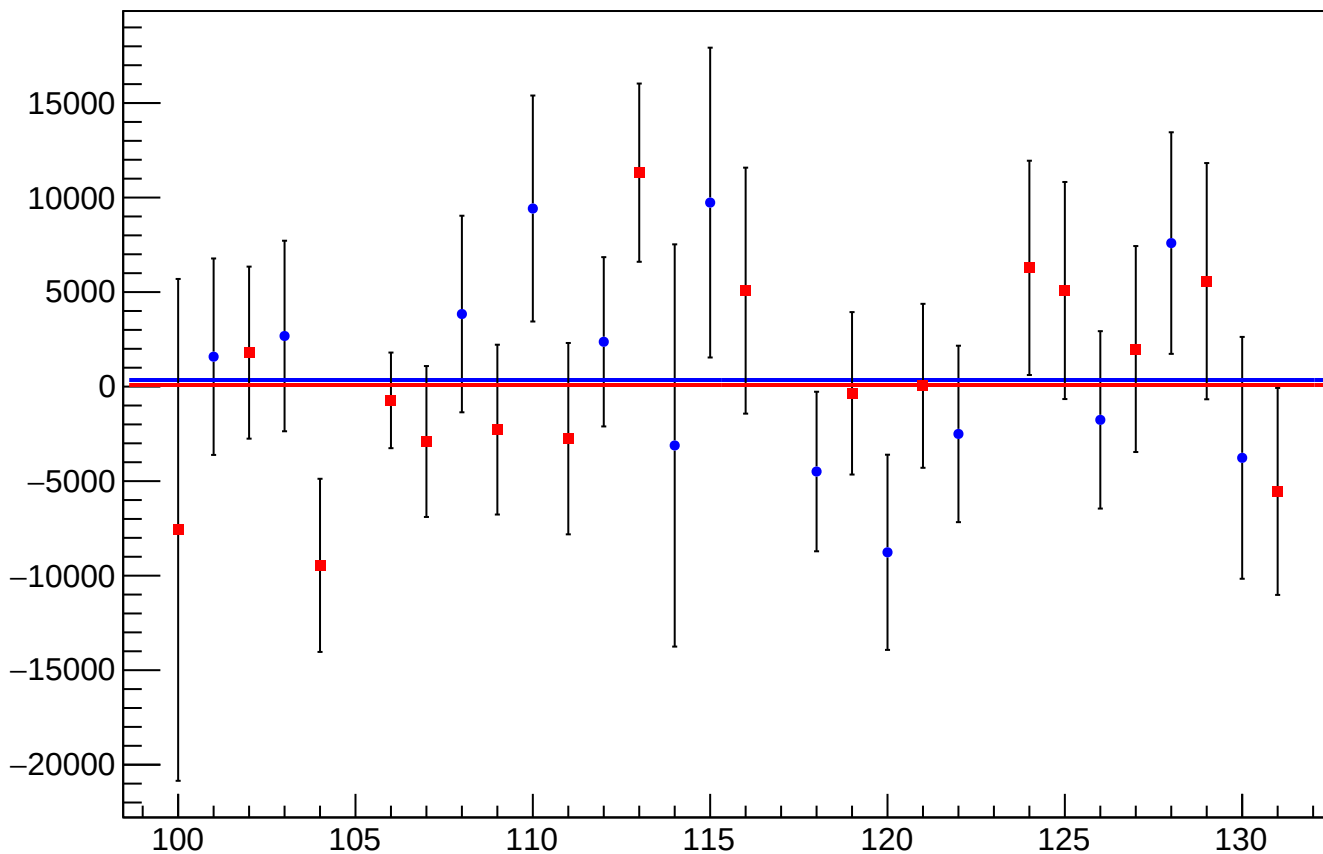
Right: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.586 $\pm$ 1484.807 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 85.501 $\pm$ 1162.841 χ^2 /NDF: 16.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

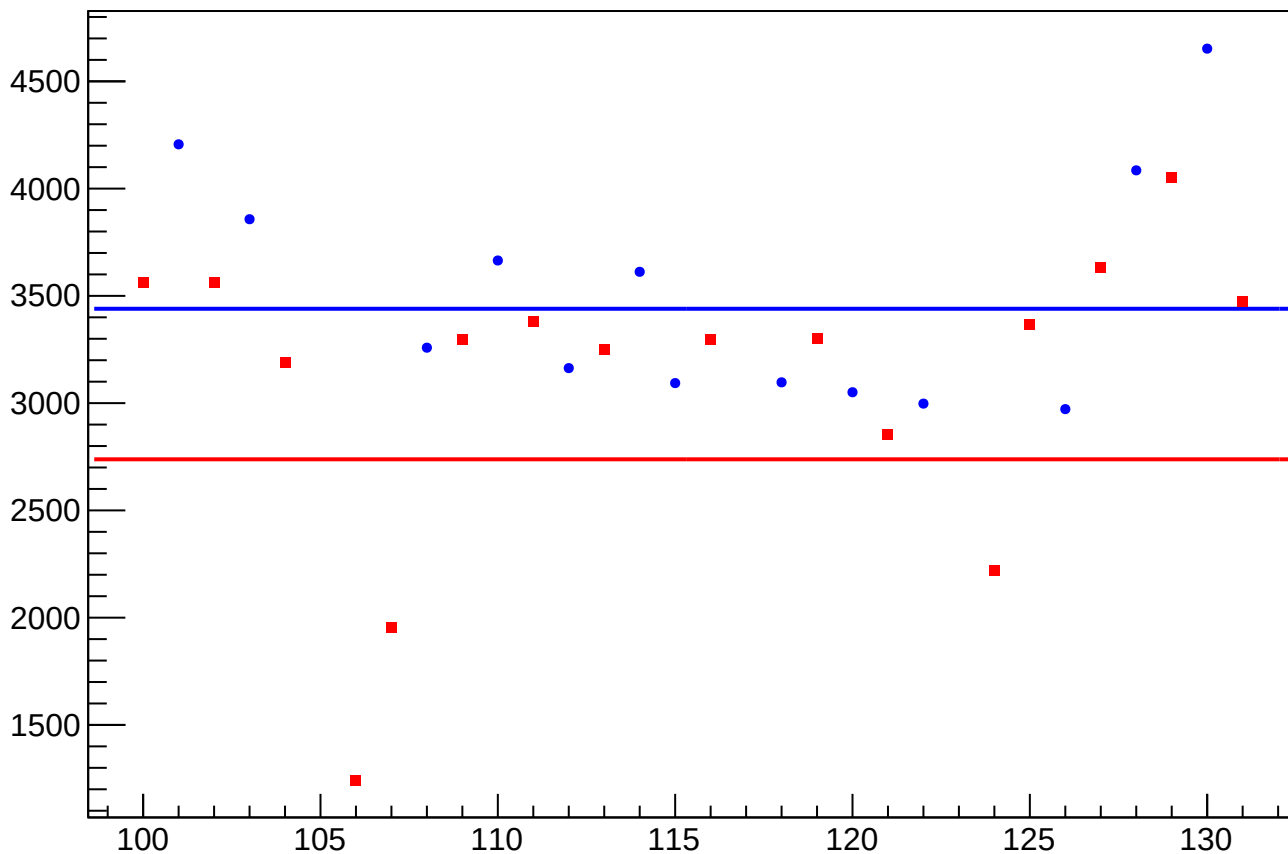
Right: 185.898 $\pm$ 915.498 χ^2 /NDF: 27.9/28

In: 349.586 $\pm$ 1484.807 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.898 $\pm$ 915.498 χ^2 /NDF: 27.9/28

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

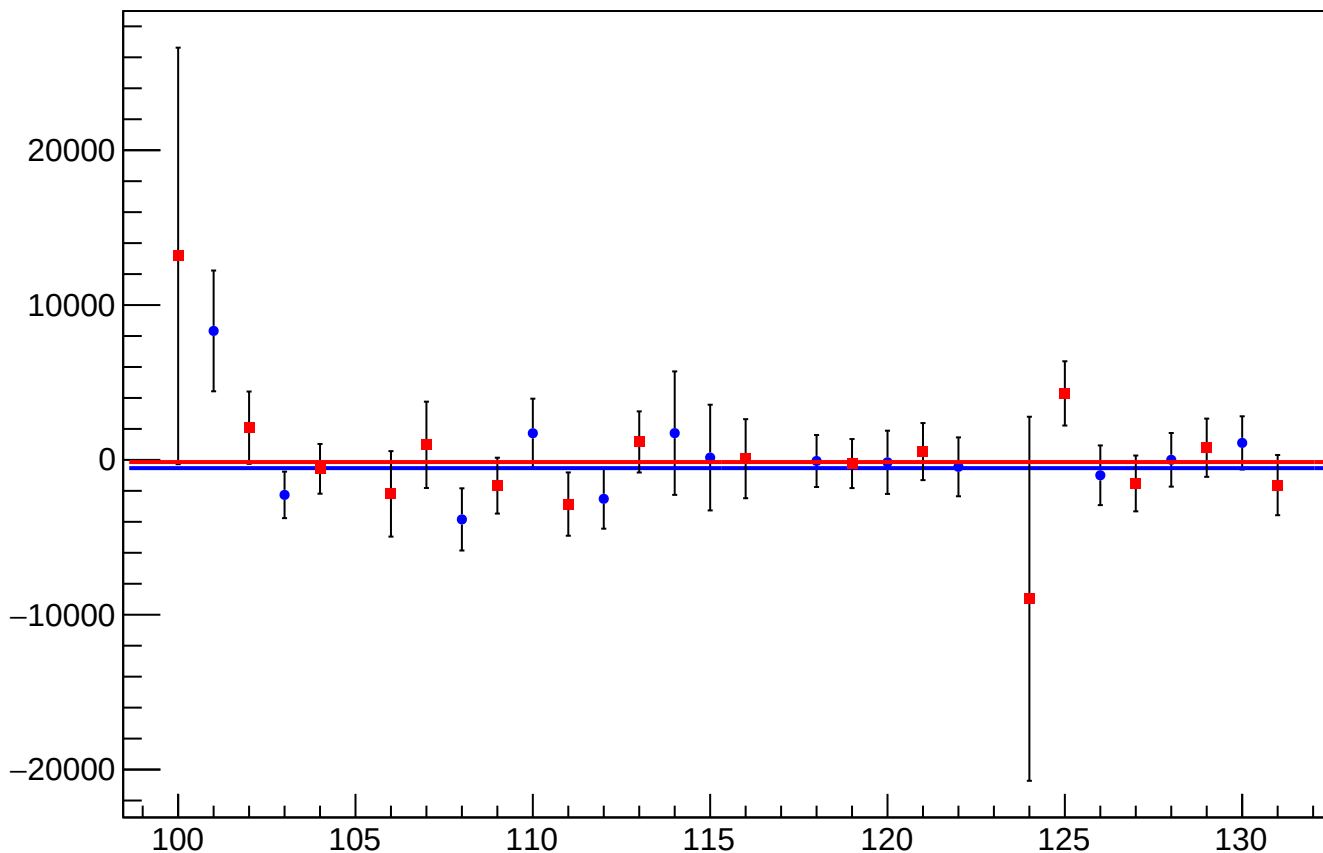
Right: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

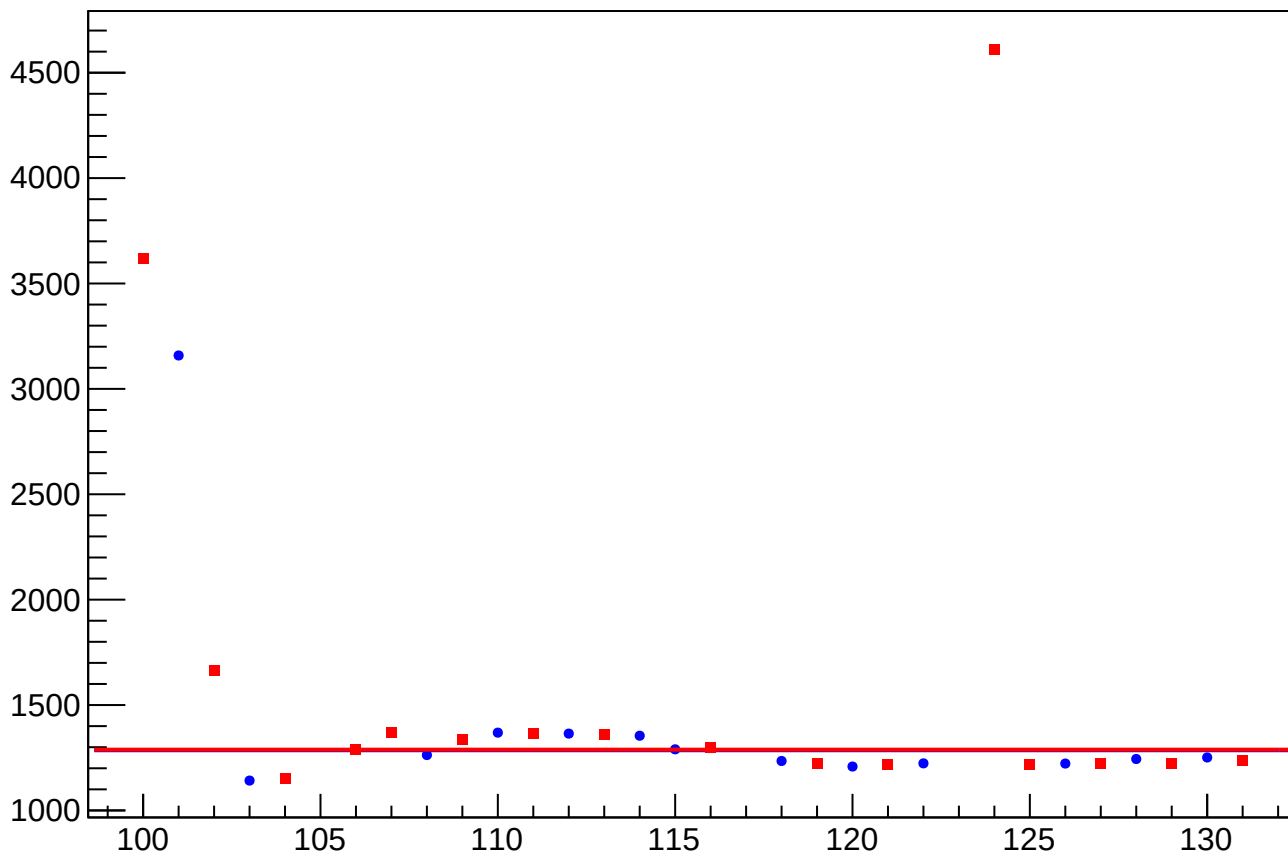
Right: -324.502+/-384.411 χ^2/NDF : 25.3/28

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.502+/-384.411 χ^2/NDF : 25.3/28

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

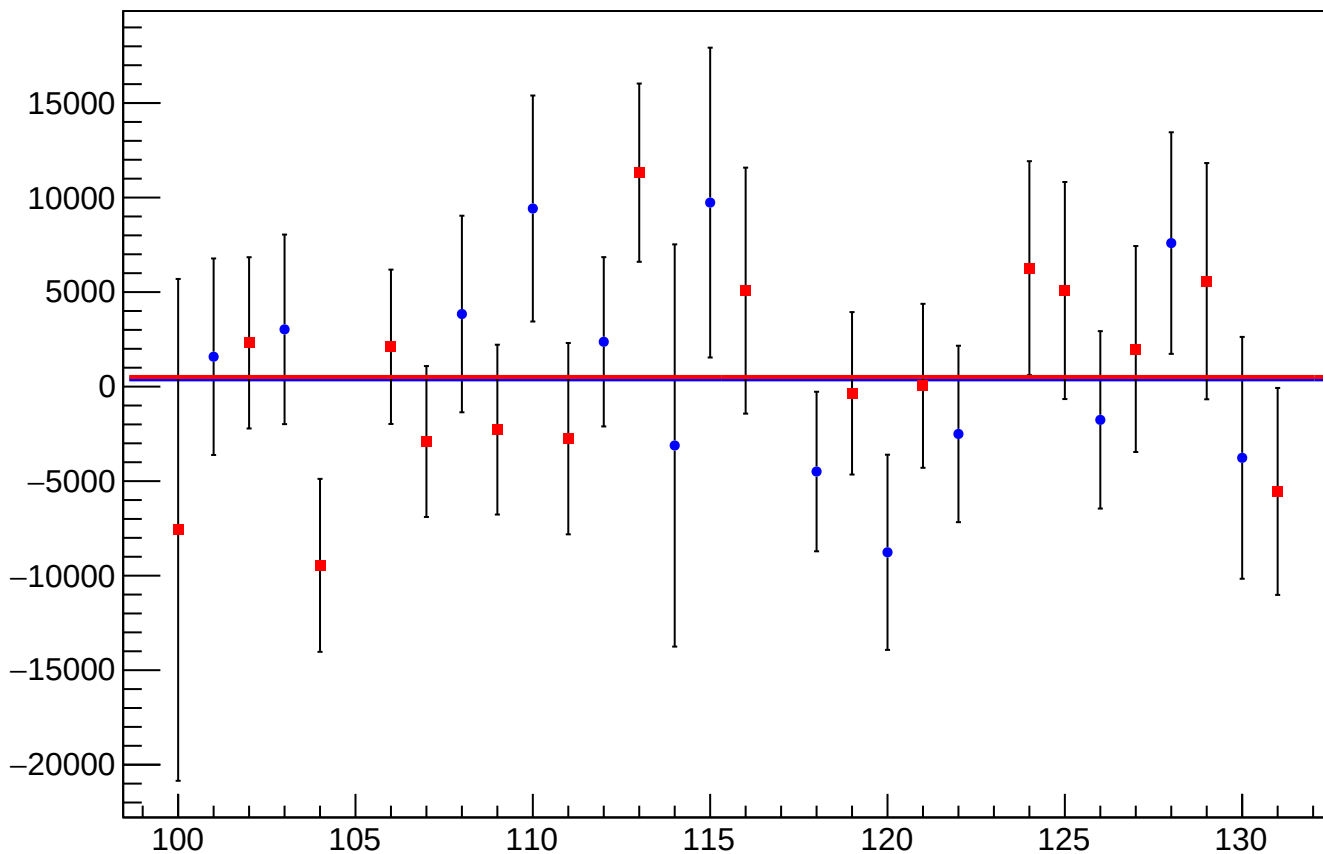
Right: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

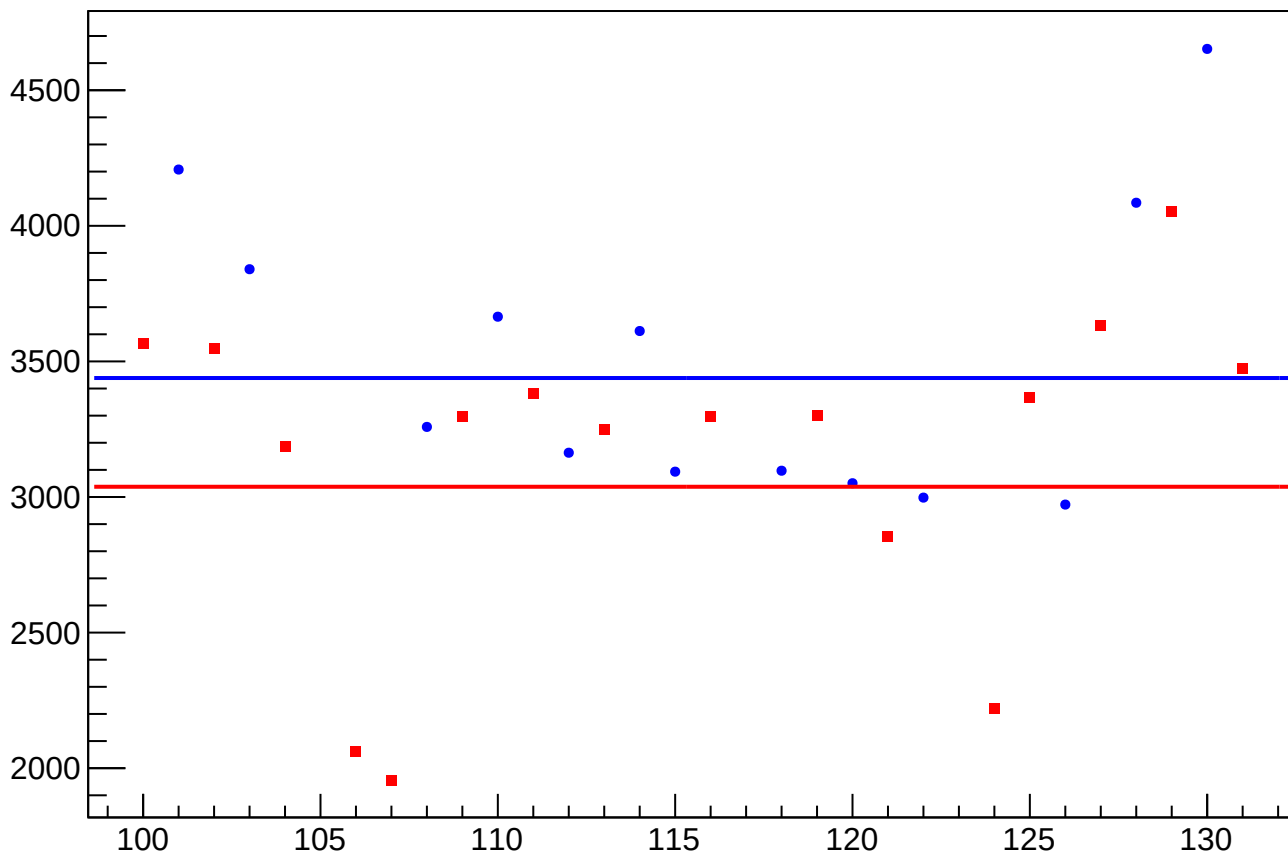
Right: 457.498+/-954.417 χ^2/NDF : 28.1/28

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.498+/-954.417 χ^2/NDF : 28.1/28

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

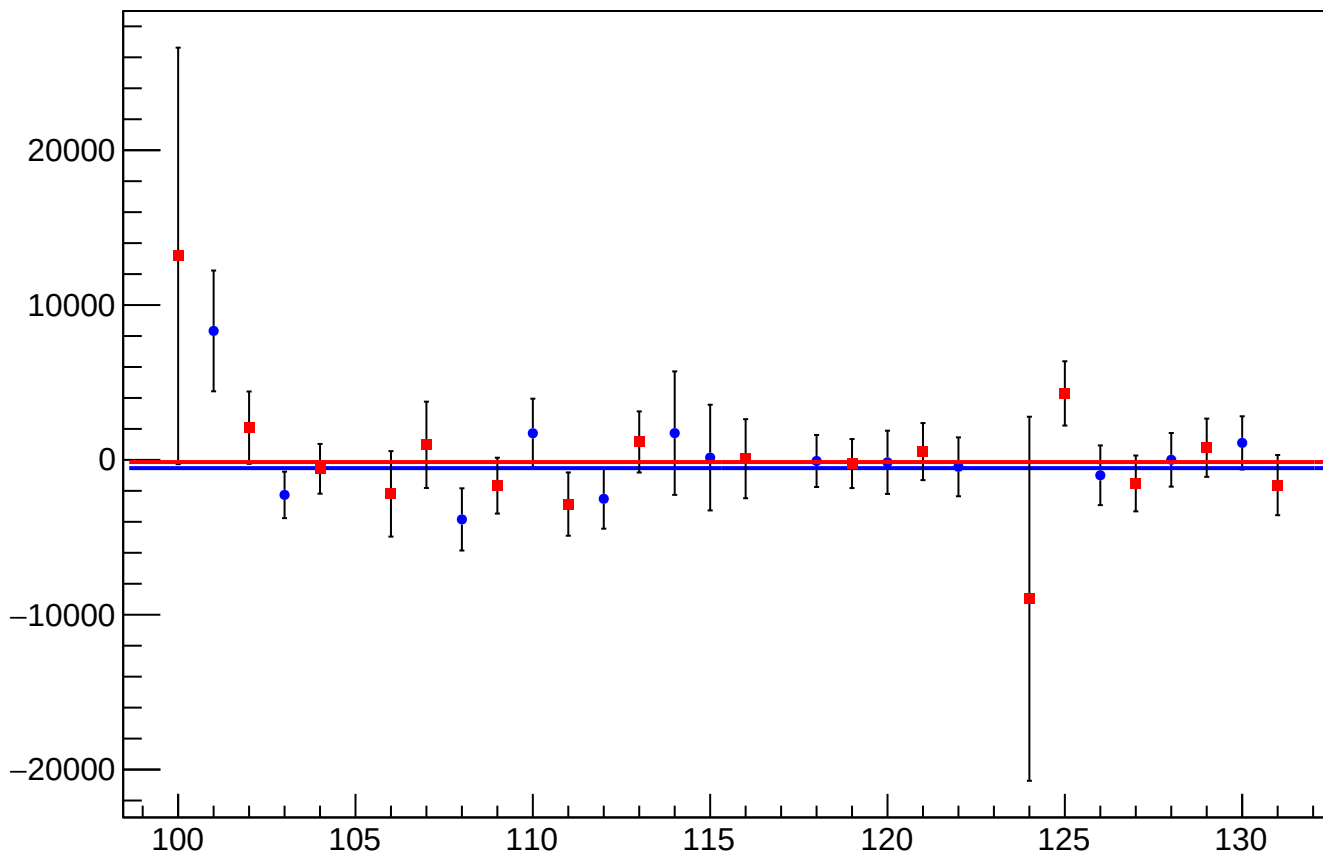
Right: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

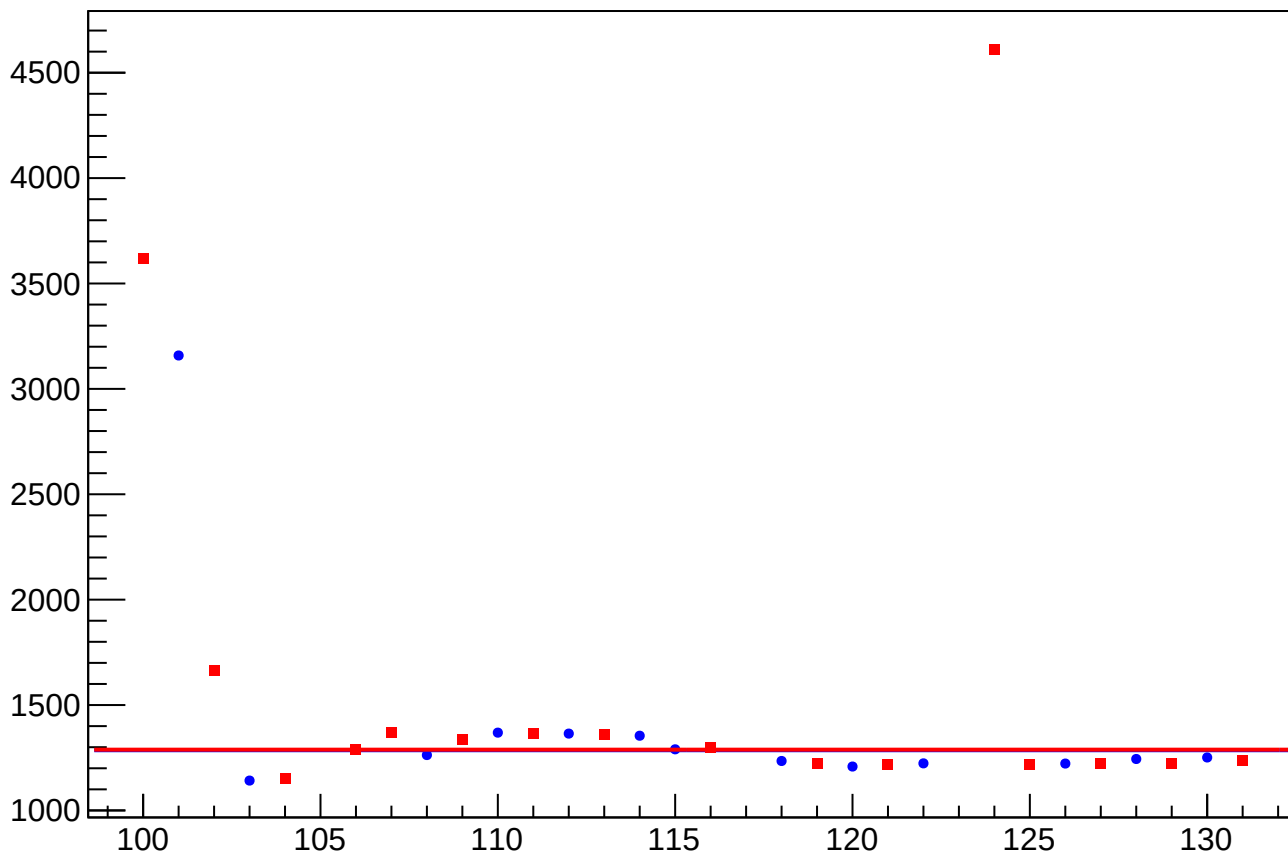
Right: -324.502+/-384.411 χ^2/NDF : 25.3/28

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.502+/-384.411 χ^2/NDF : 25.3/28

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

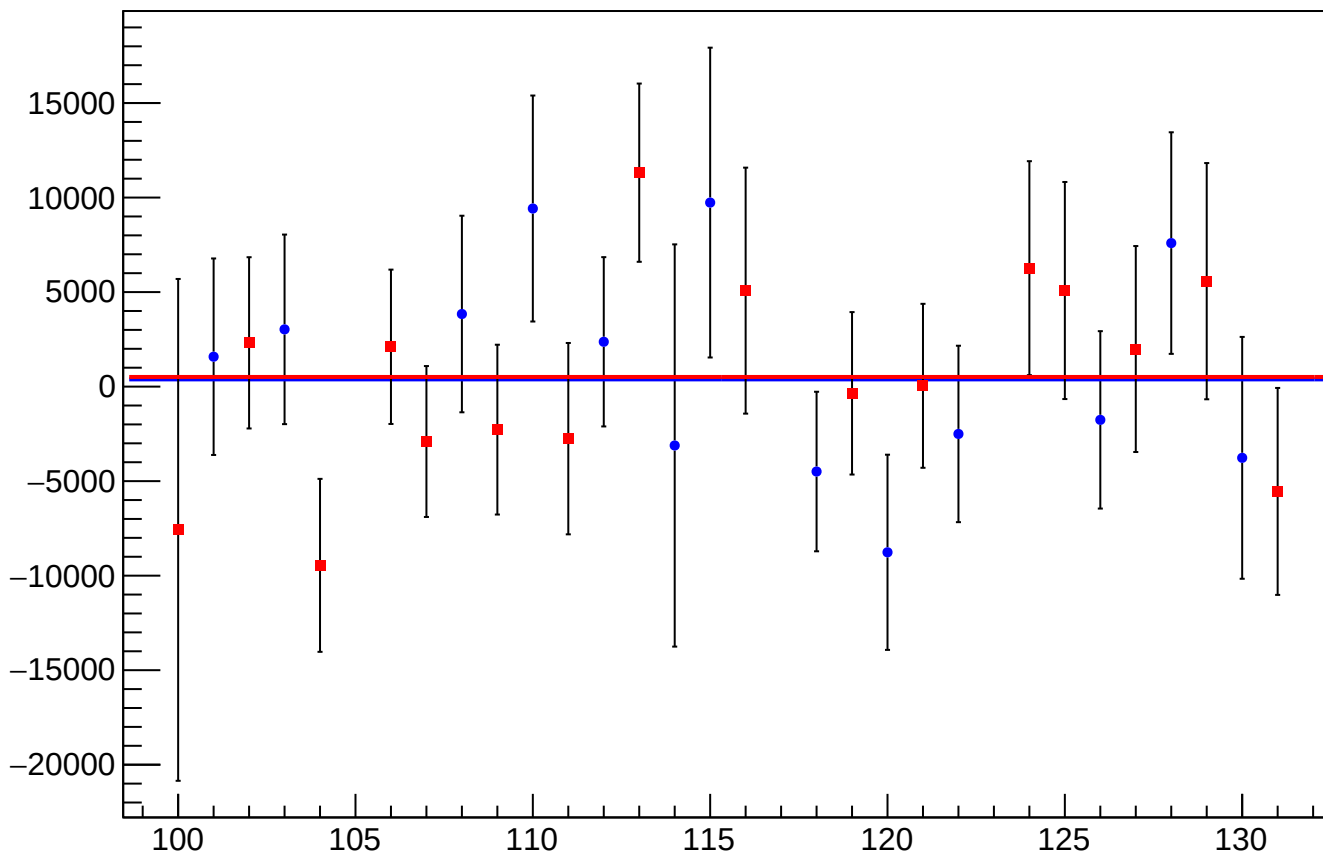
Right: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

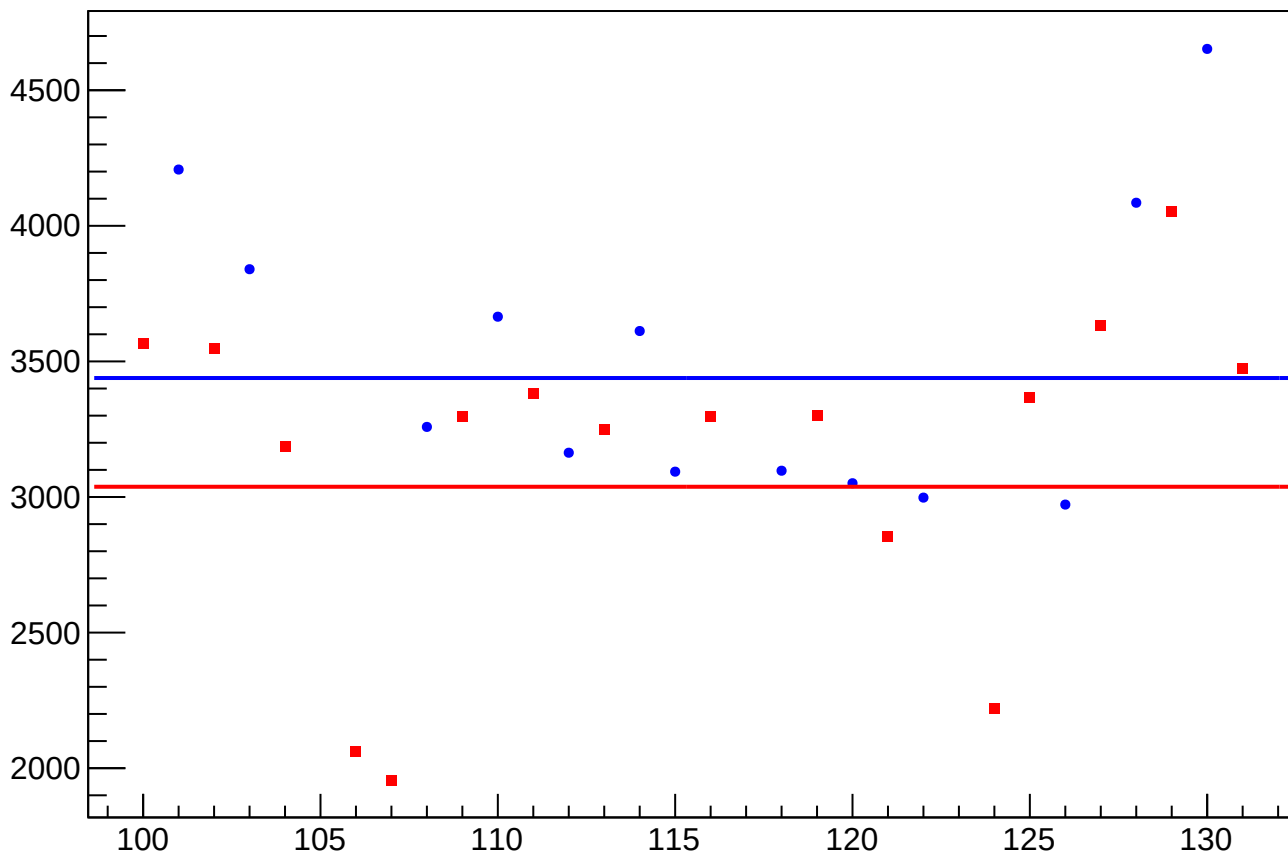
Right: 457.498+/-954.417 χ^2/NDF : 28.1/28

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.498+/-954.417 χ^2/NDF : 28.1/28

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

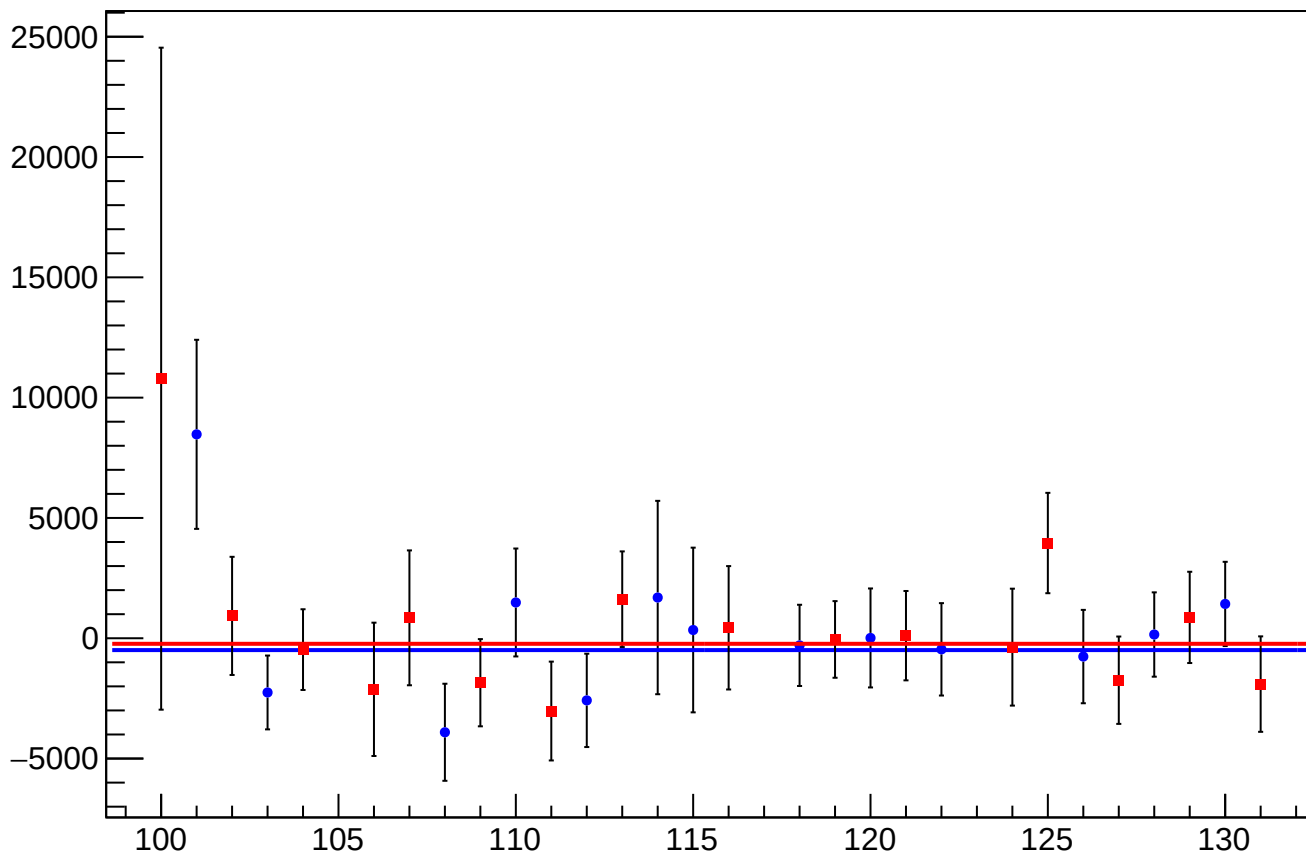
Right: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

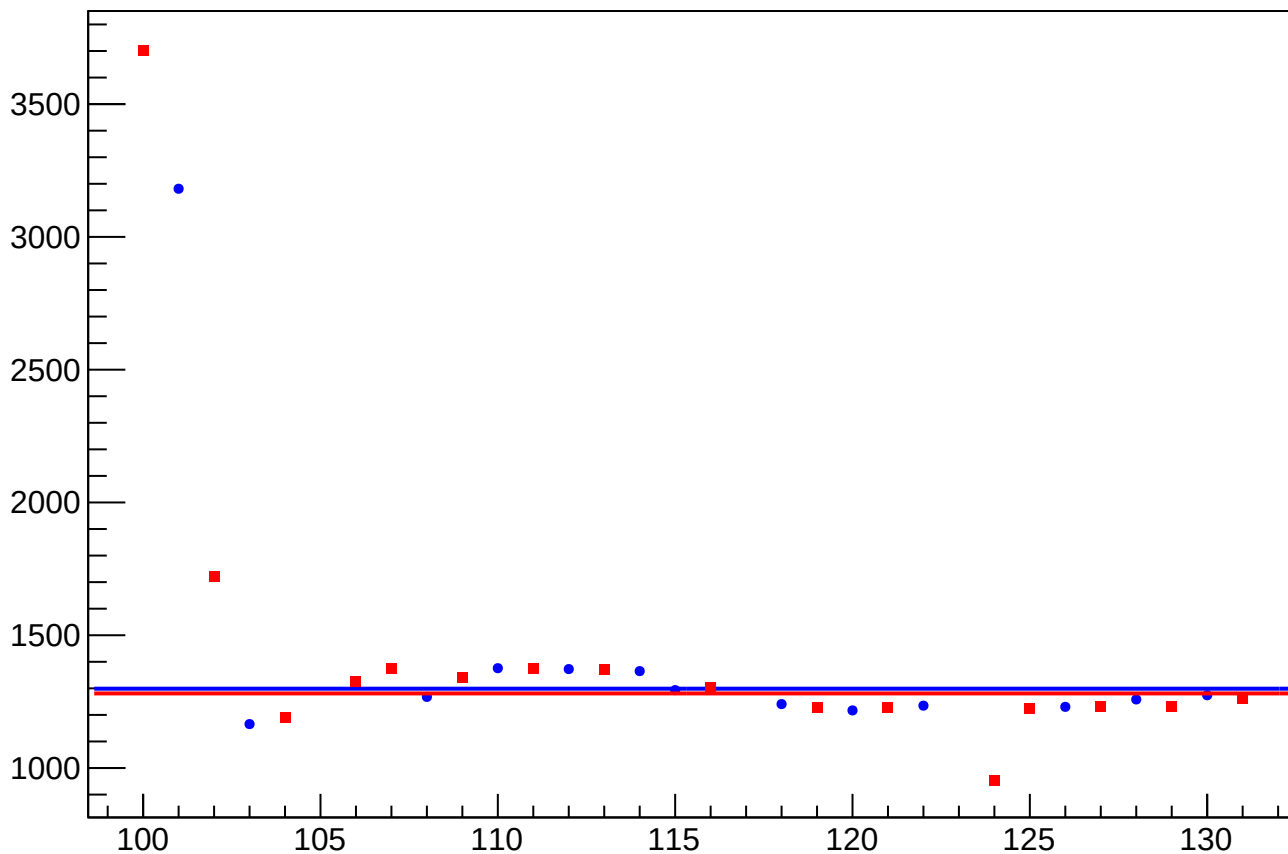
Right: -351.365+/-384.234 χ^2/NDF : 24.1/28

In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.365+/-384.234 χ^2/NDF : 24.1/28

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

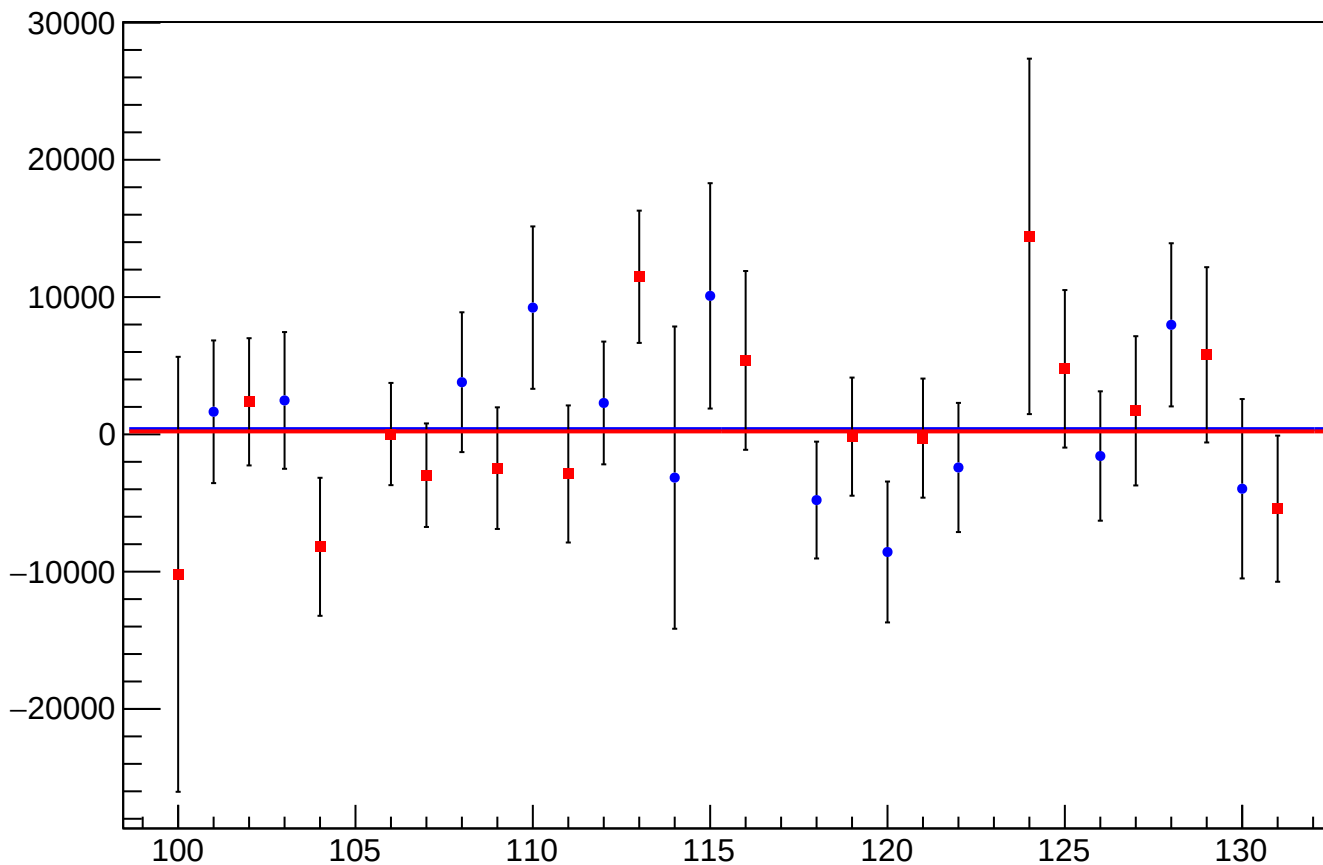
Right: 1289.129+/-0.272 χ^2/NDF : 683415.5/28

In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.5/28

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

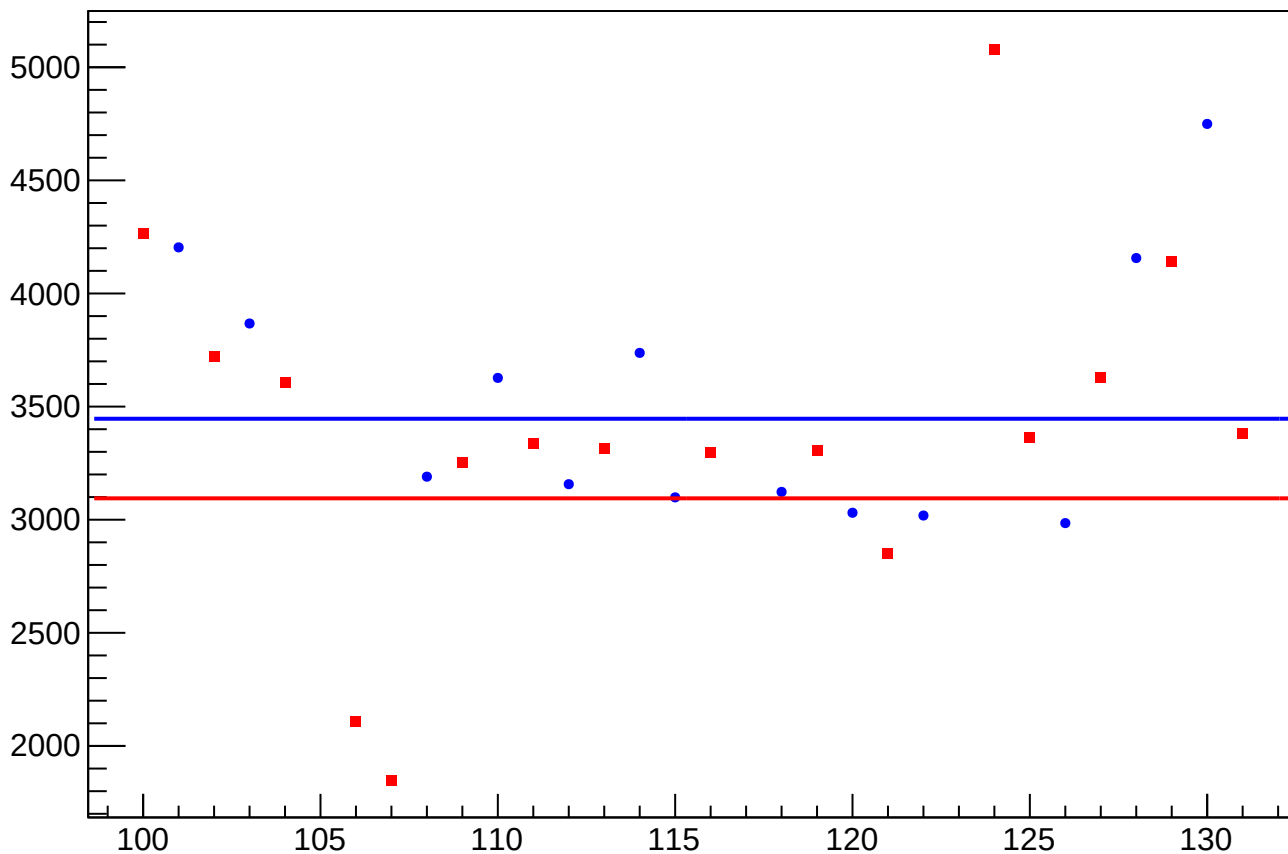
Right: 285.466 $\pm$ 962.095 χ^2 /NDF: 26.6/28

In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 285.466 $\pm$ 962.095 χ^2 /NDF: 26.6/28

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.286+/-1.051 χ^2 /NDF: 245591.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3094.468+/-0.893 χ^2 /NDF: 581713.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

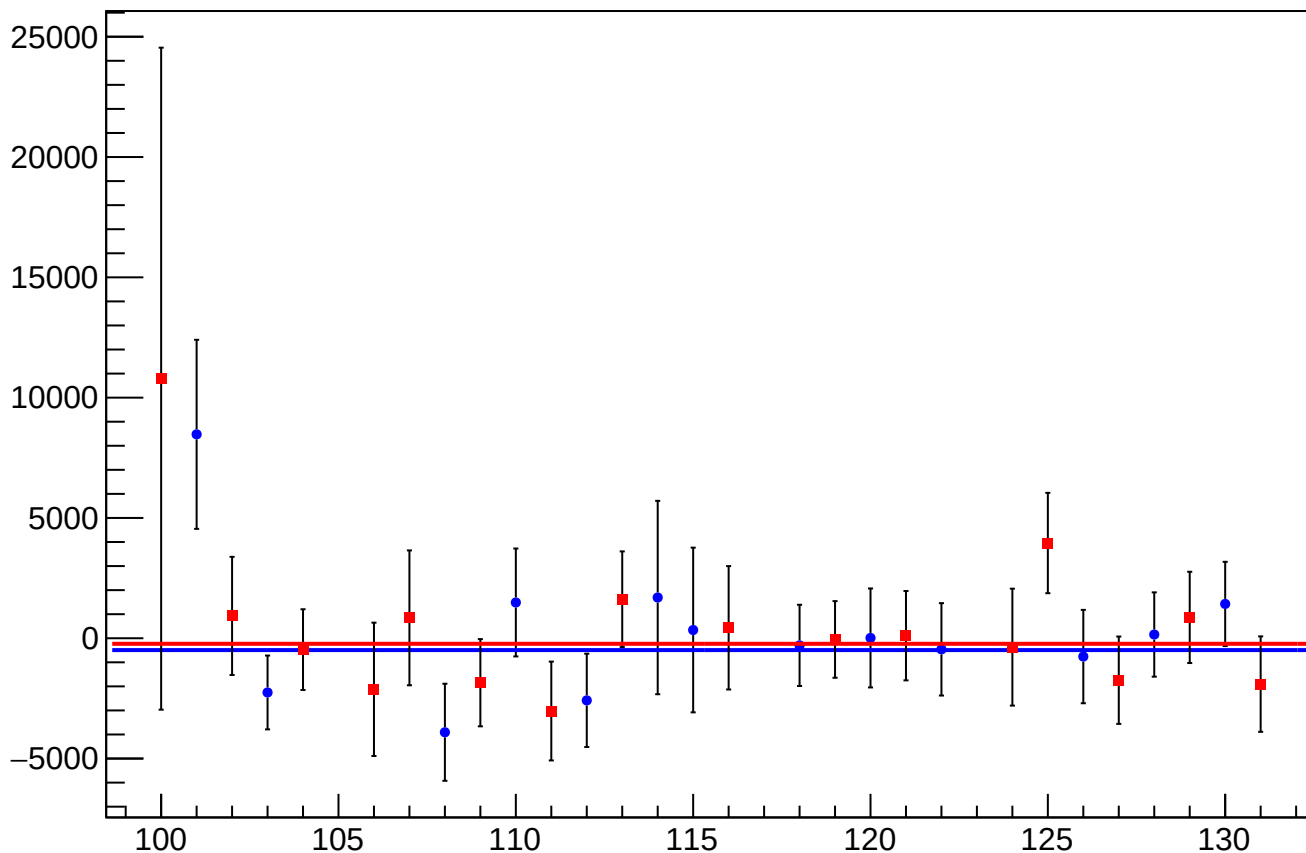
Right: 3241.921+/-0.680 χ^2 /NDF: 892416.5/28

In: 3446.286+/-1.051 χ^2 /NDF:245591.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3241.921+/-0.680 χ^2 /NDF: 892416.5/28

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.778+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

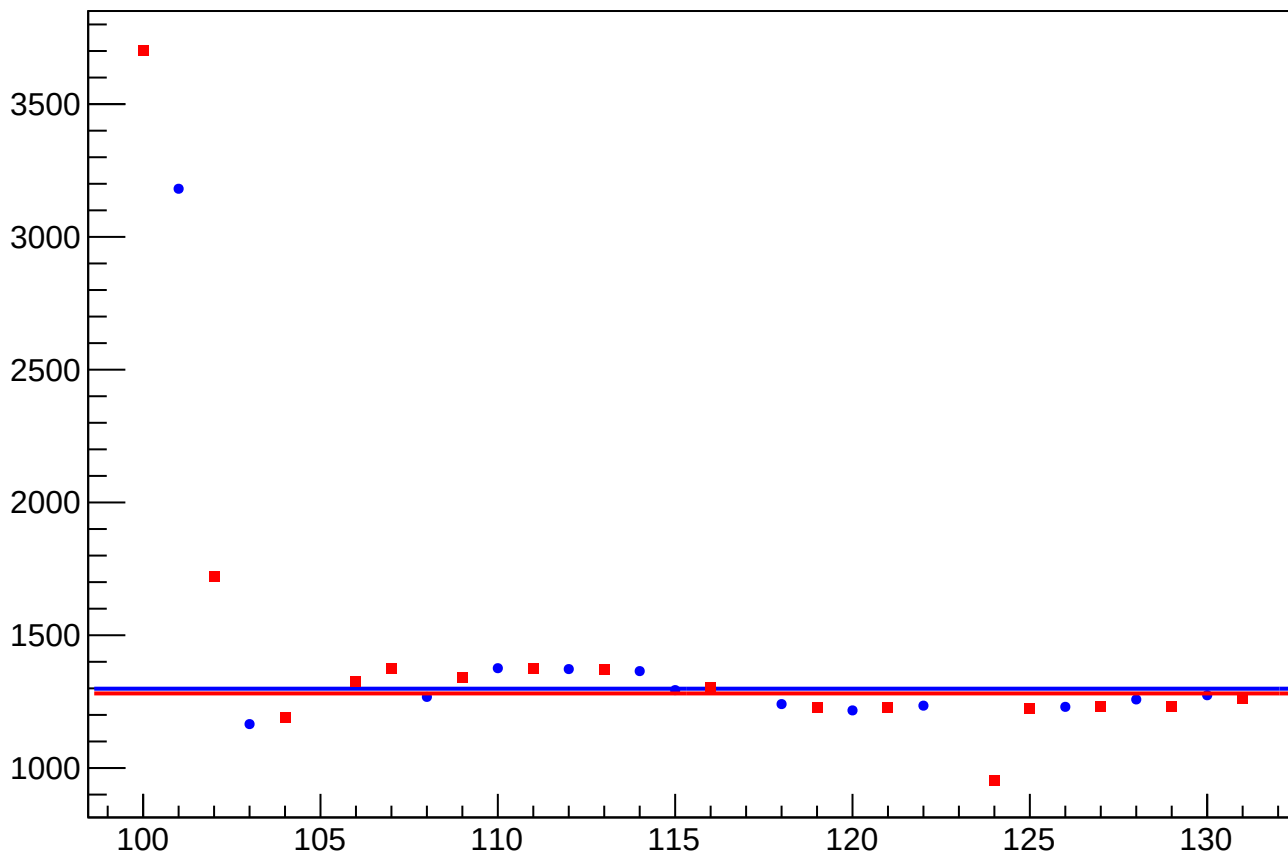
Right: -351.370+/-384.234 χ^2/NDF : 24.1/28

In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.370+/-384.234 χ^2/NDF : 24.1/28

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

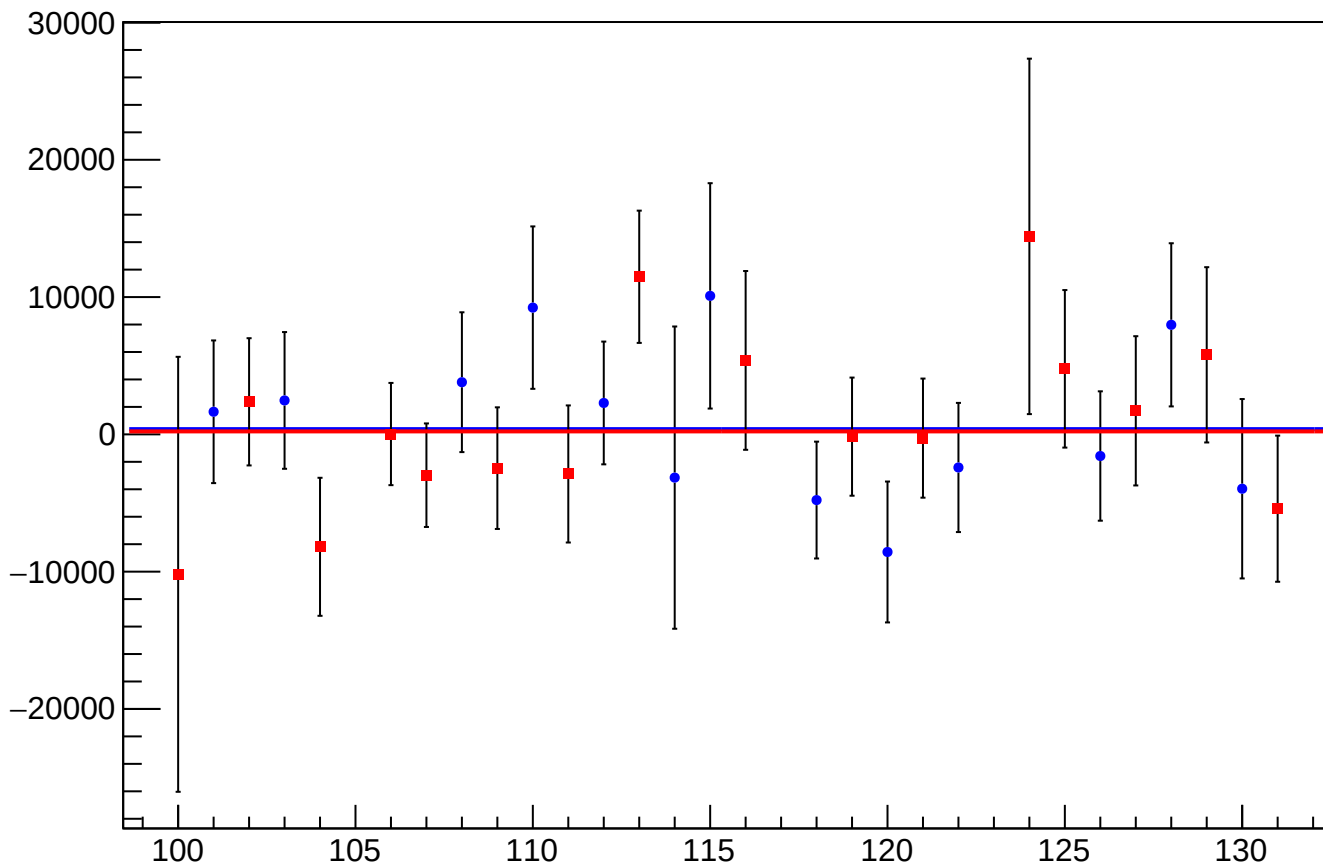
Right: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.030+/-1262.329 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

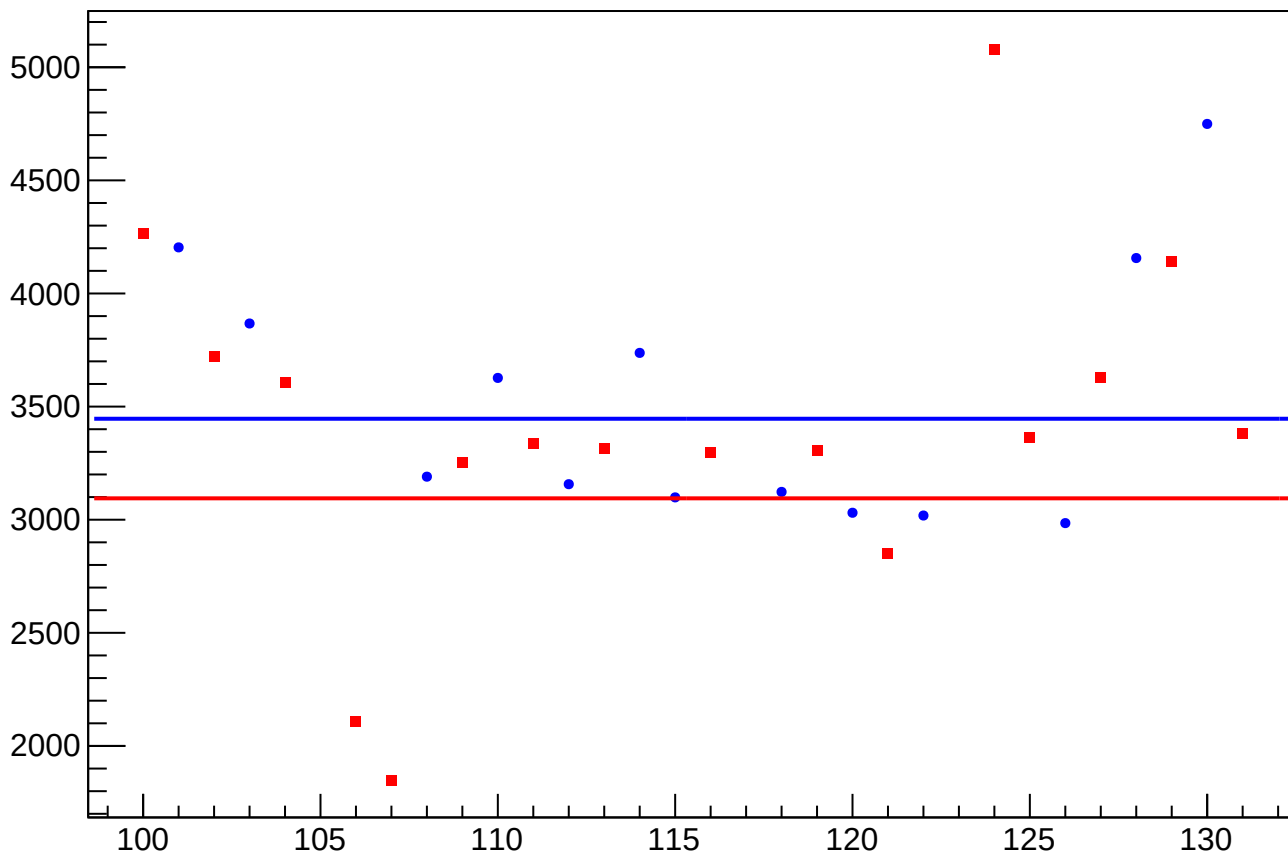
Right: 285.461+/-962.092 χ^2/NDF : 26.6/28

In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.461+/-962.092 χ^2/NDF : 26.6/28

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

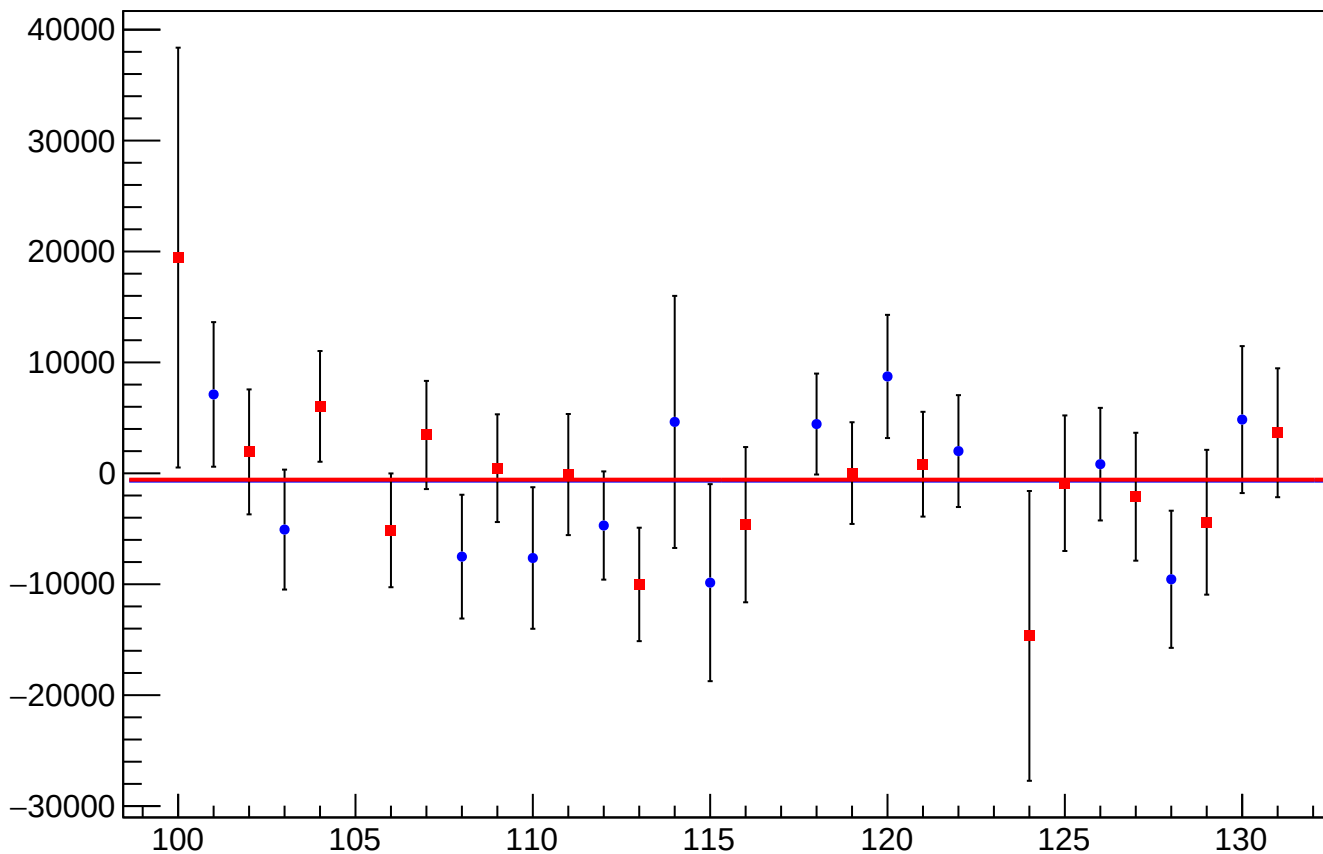
Right: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.204+/-1418.084 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

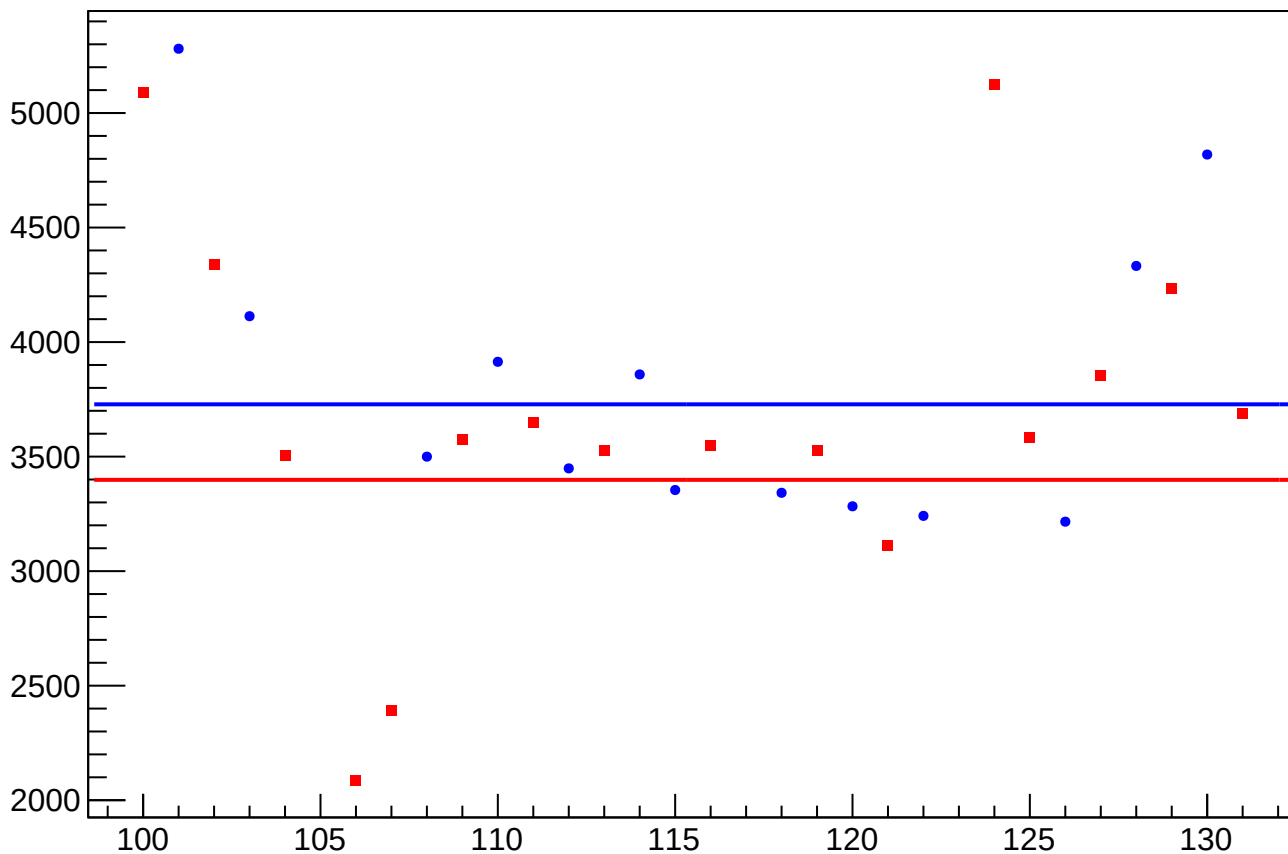
Right: -608.956+/-1064.855 χ^2/NDF : 24.6/28

In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.956+/-1064.855 χ^2/NDF : 24.6/28

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

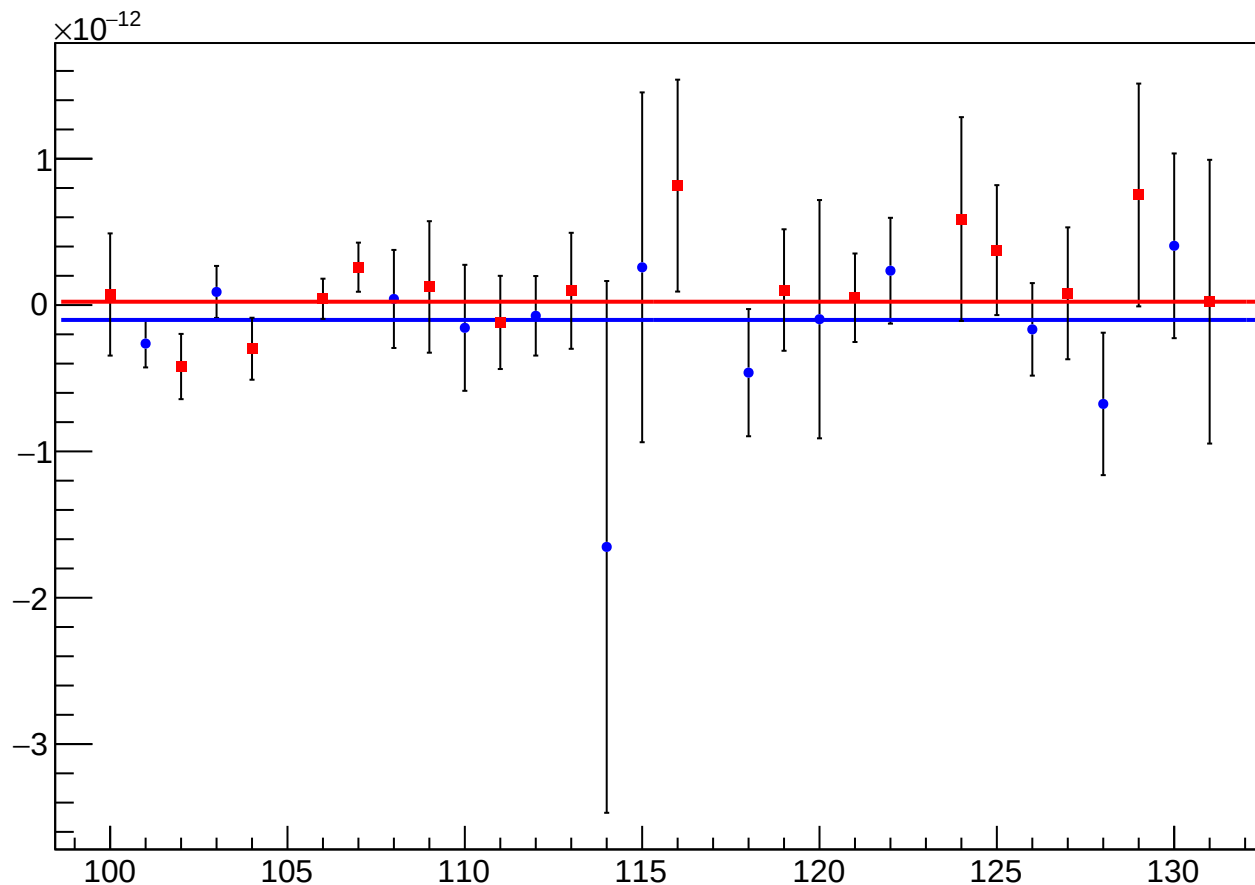
Right: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

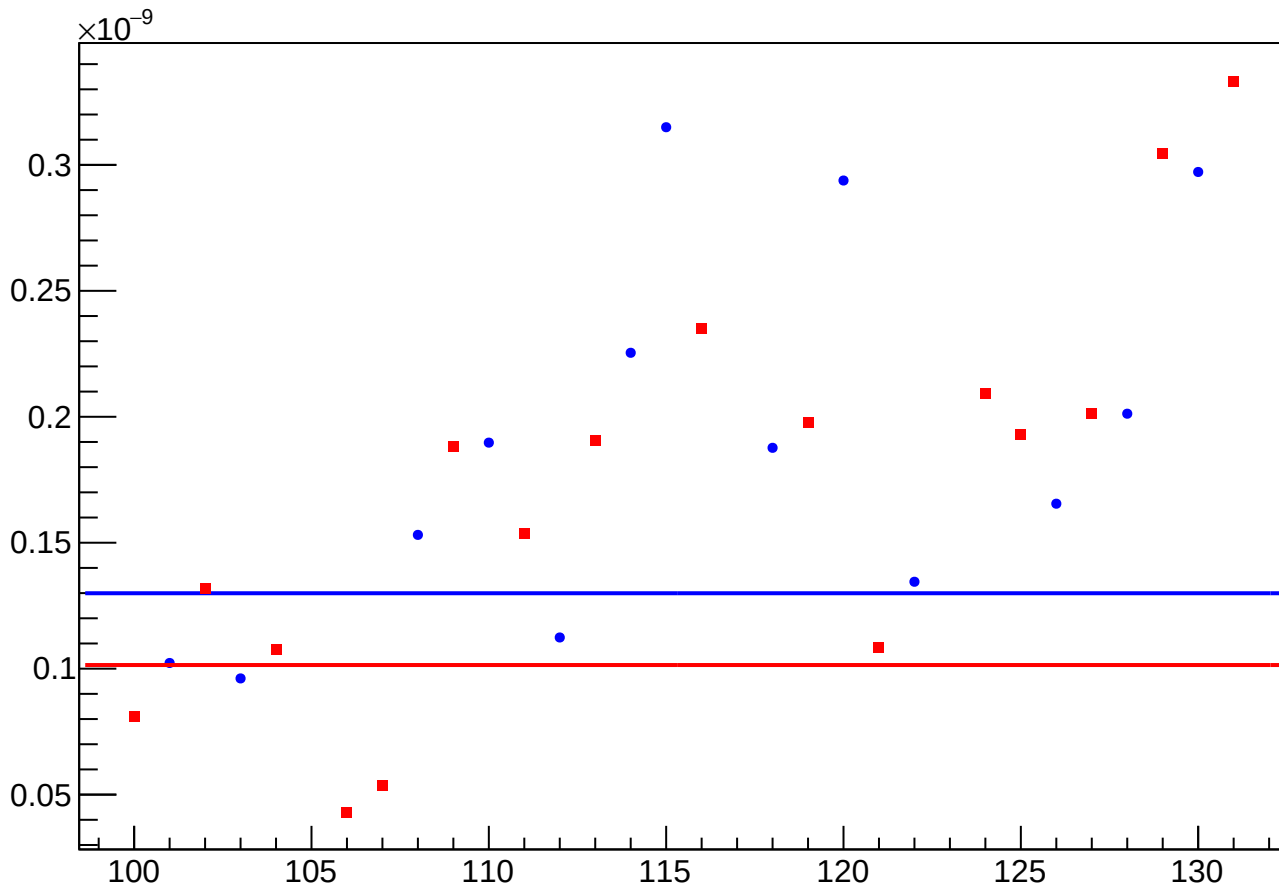
Right: -0.000+/-0.000 χ^2/NDF : 20.0/28

In: -0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/28

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

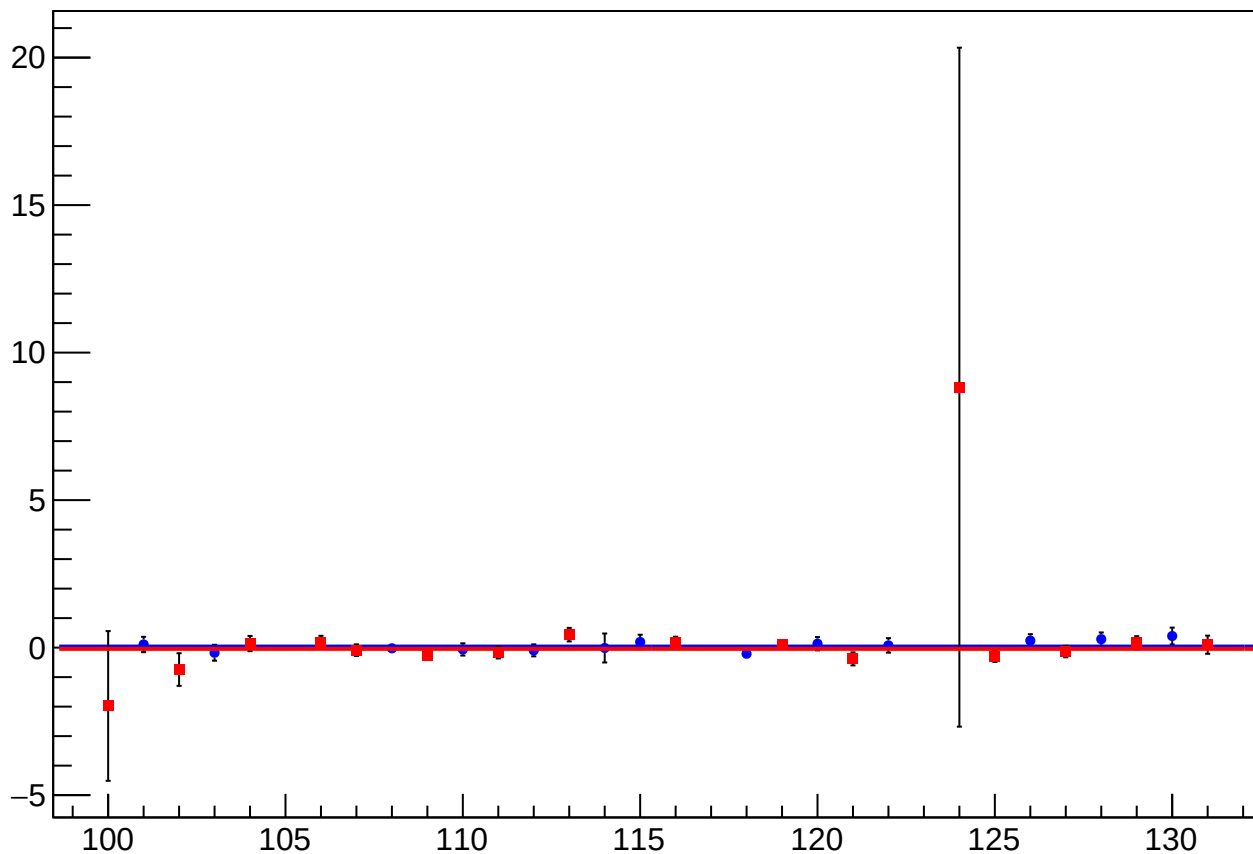
Right: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

asym_at1_avg_at2_avg_dd_dit_vs_Slug_Sign_Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

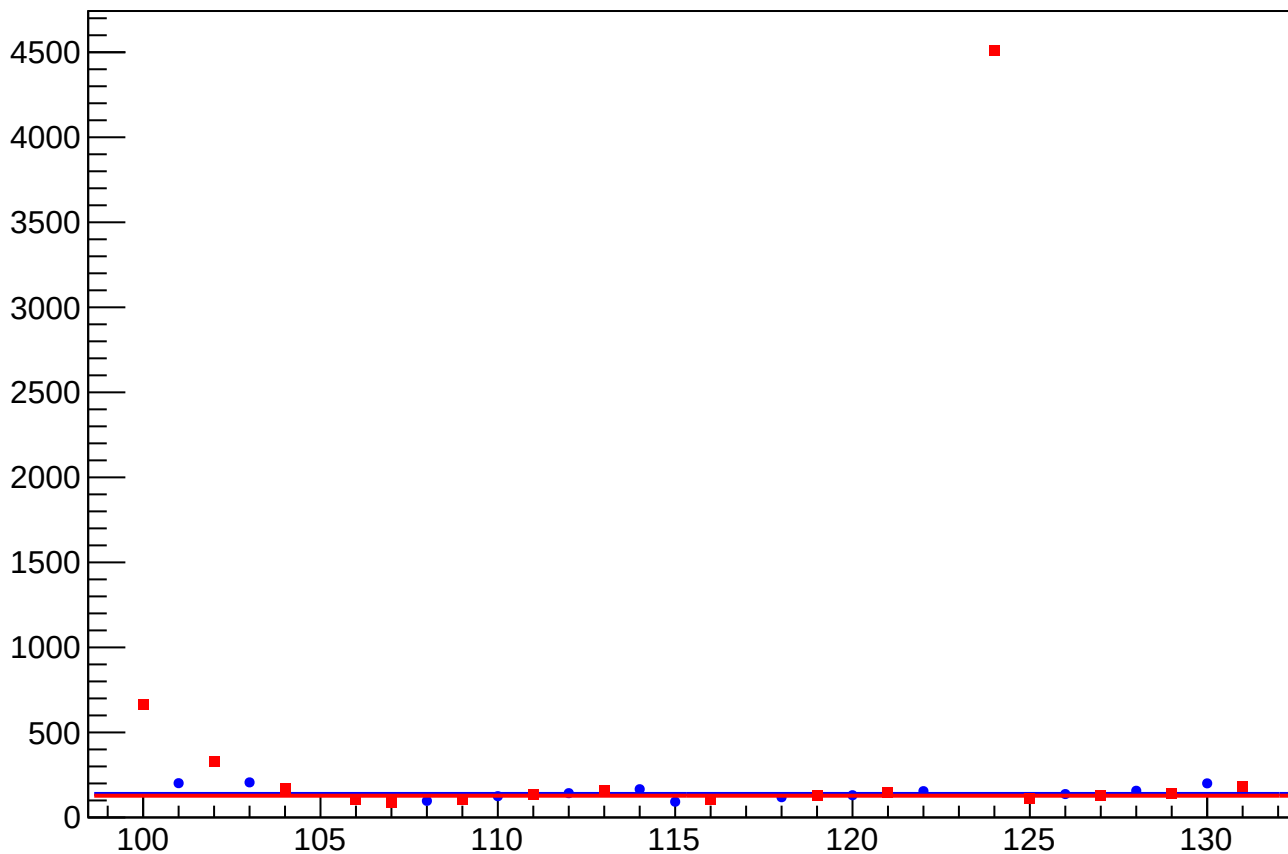
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

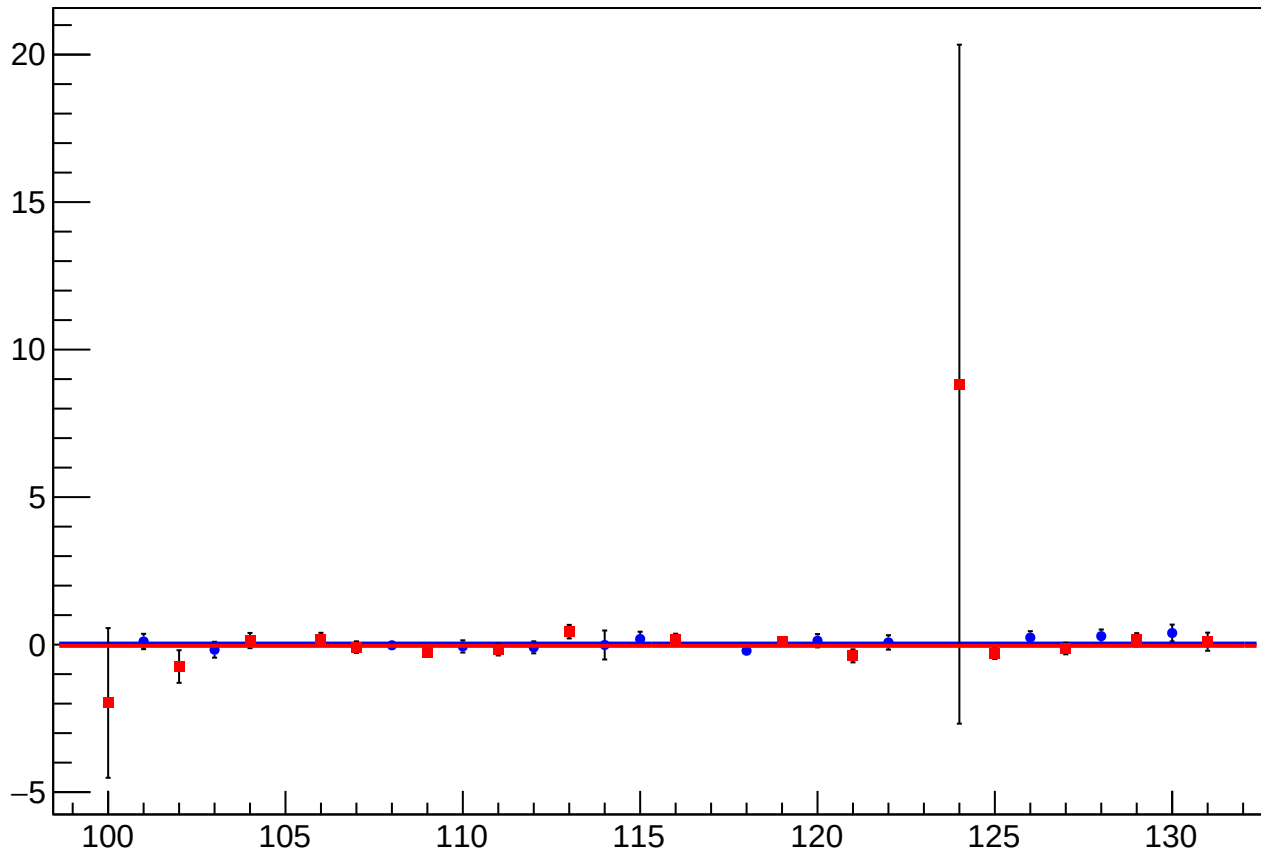
Right: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

In: 138.180+/-0.044 χ^2/NDF :607435.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

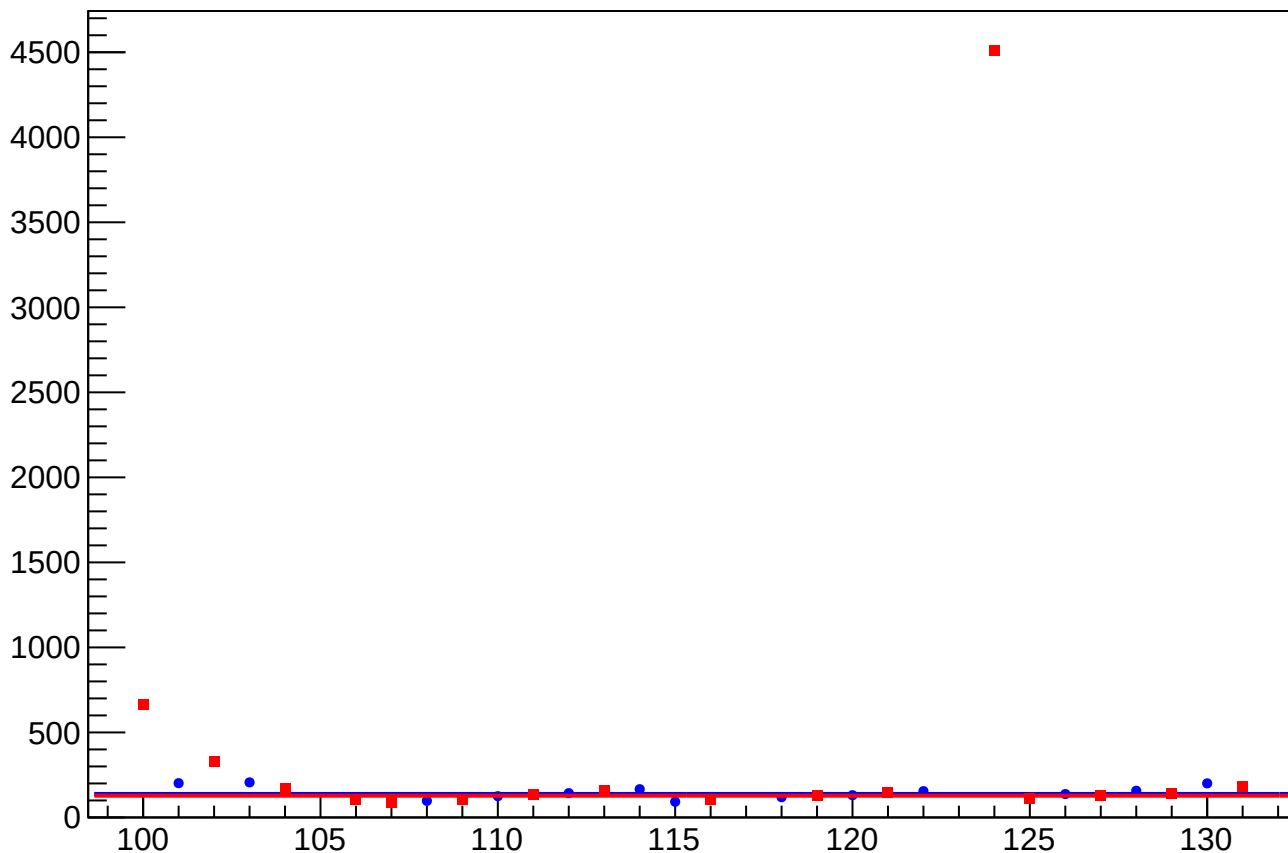
Right: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

In: 0.035 $\pm$ 0.062 χ^2 /NDF:7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

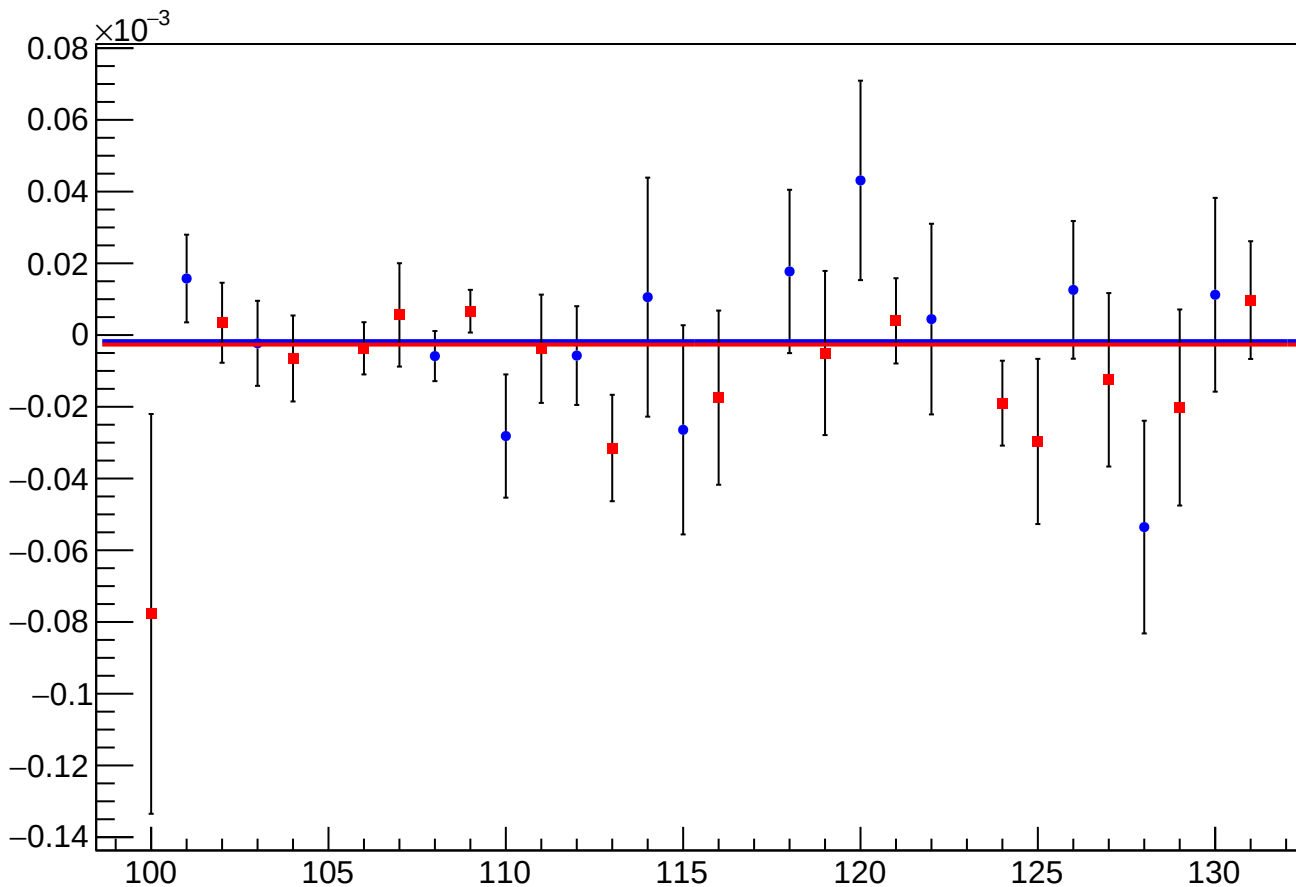
Right: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

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: 12.9/12

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

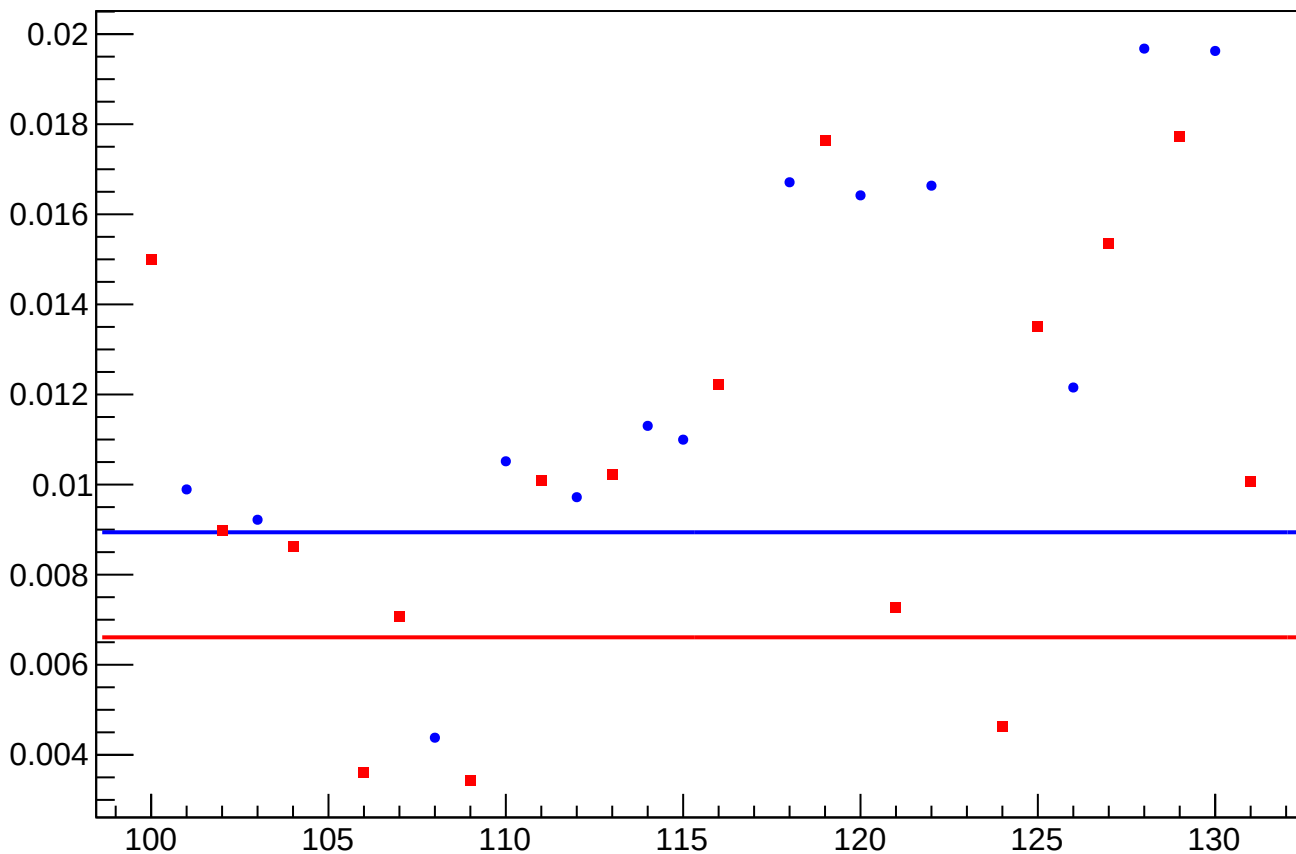
Right: -0.000+/-0.000 χ^2 /NDF: 26.9/28

In: -0.000+/-0.000 χ^2 /NDF:12.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.9/28

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

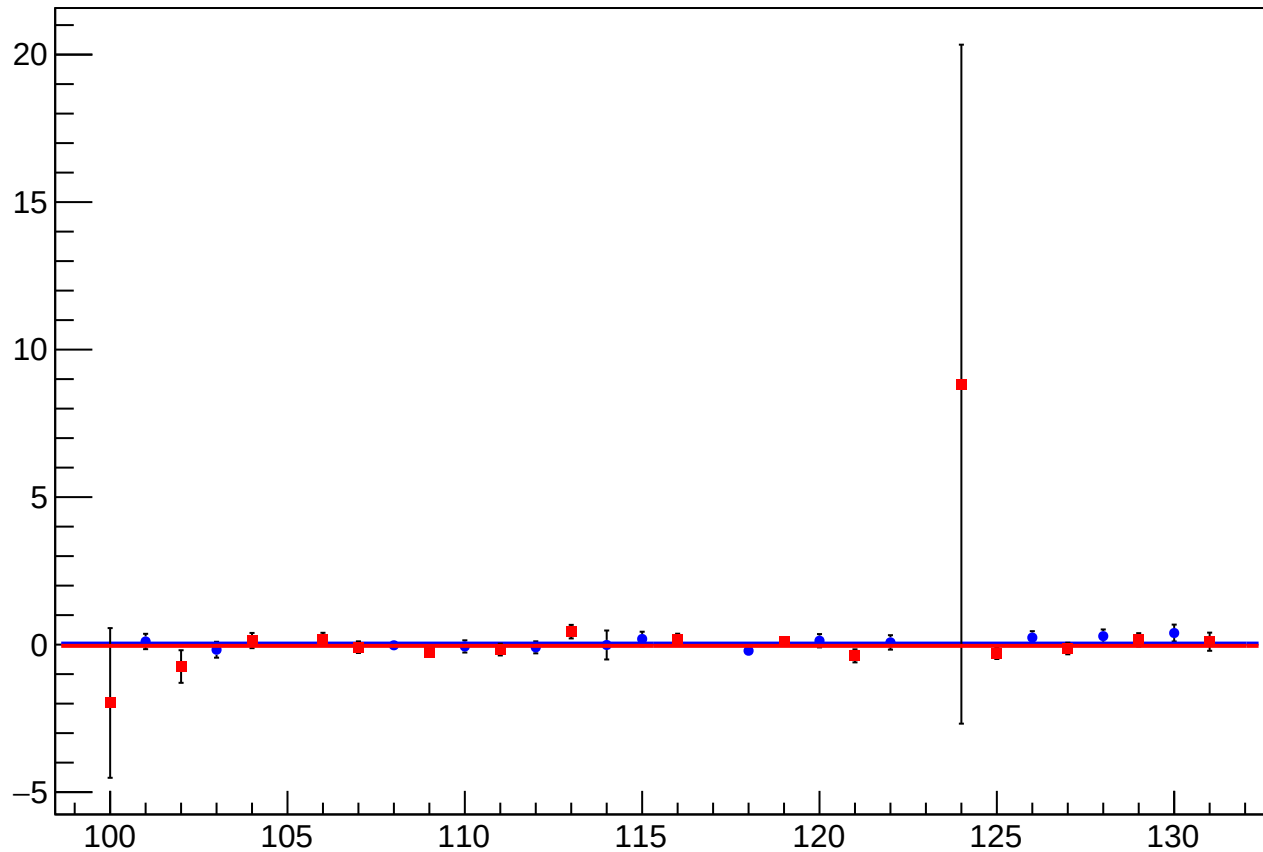
Right: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

In: 0.009+/-0.000 χ^2/NDF :2085354.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

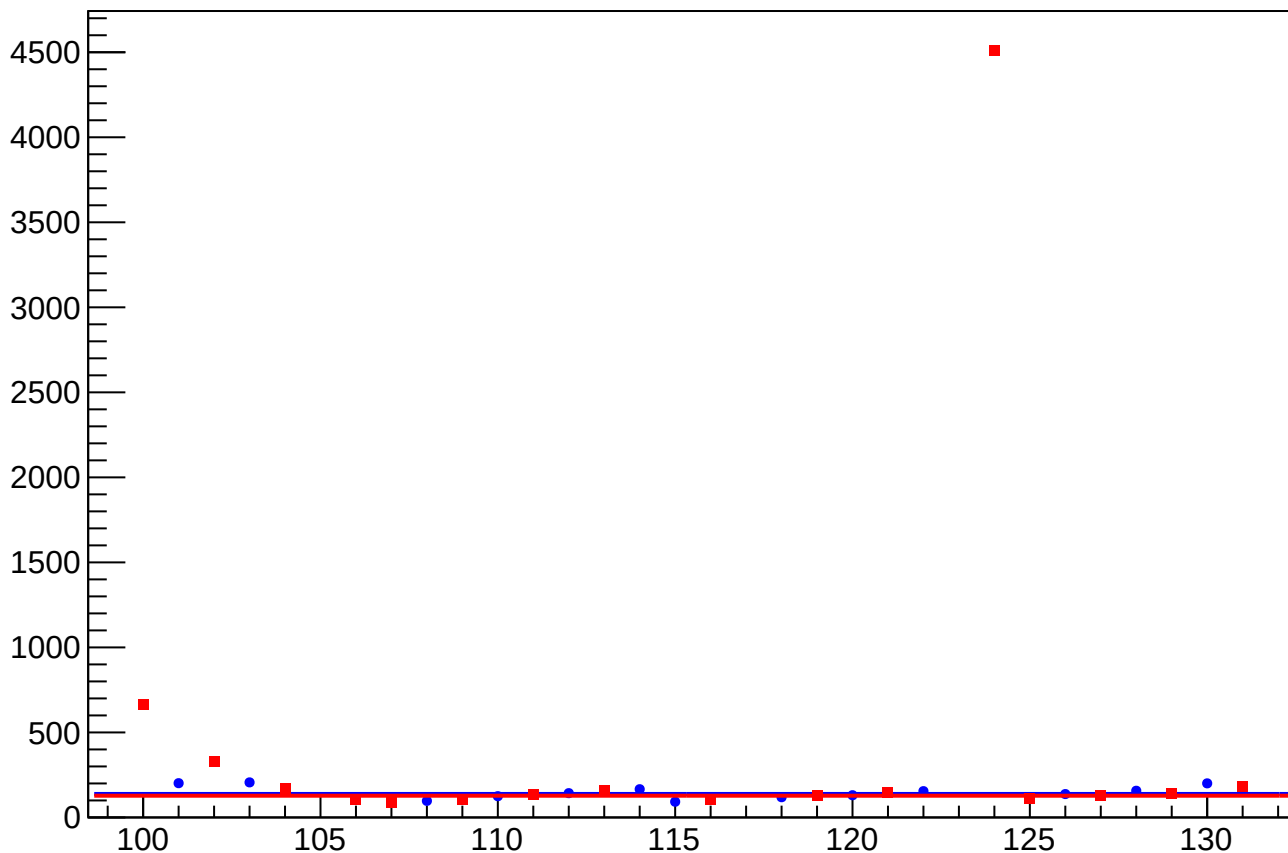
Right: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

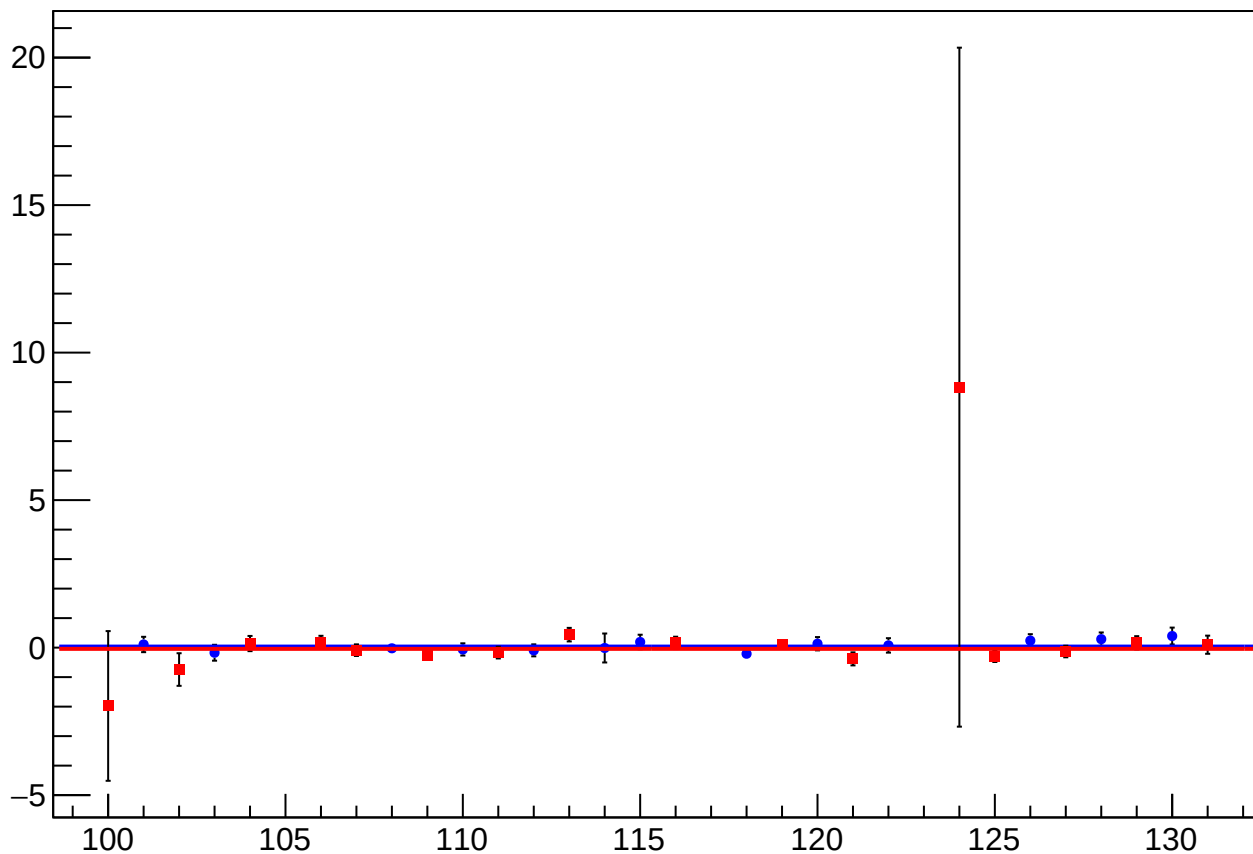
Right: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

In: 138.180+/-0.044 χ^2/NDF :607359.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

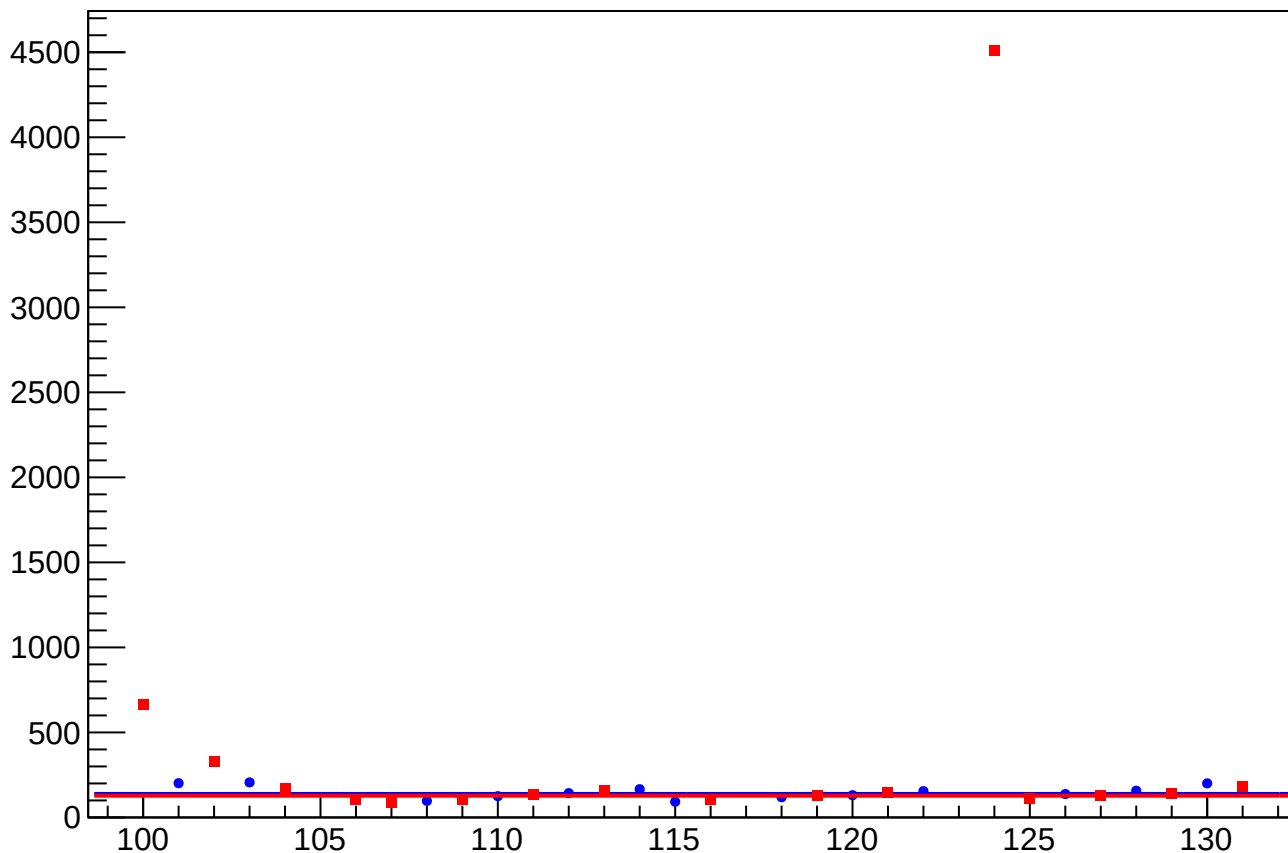
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

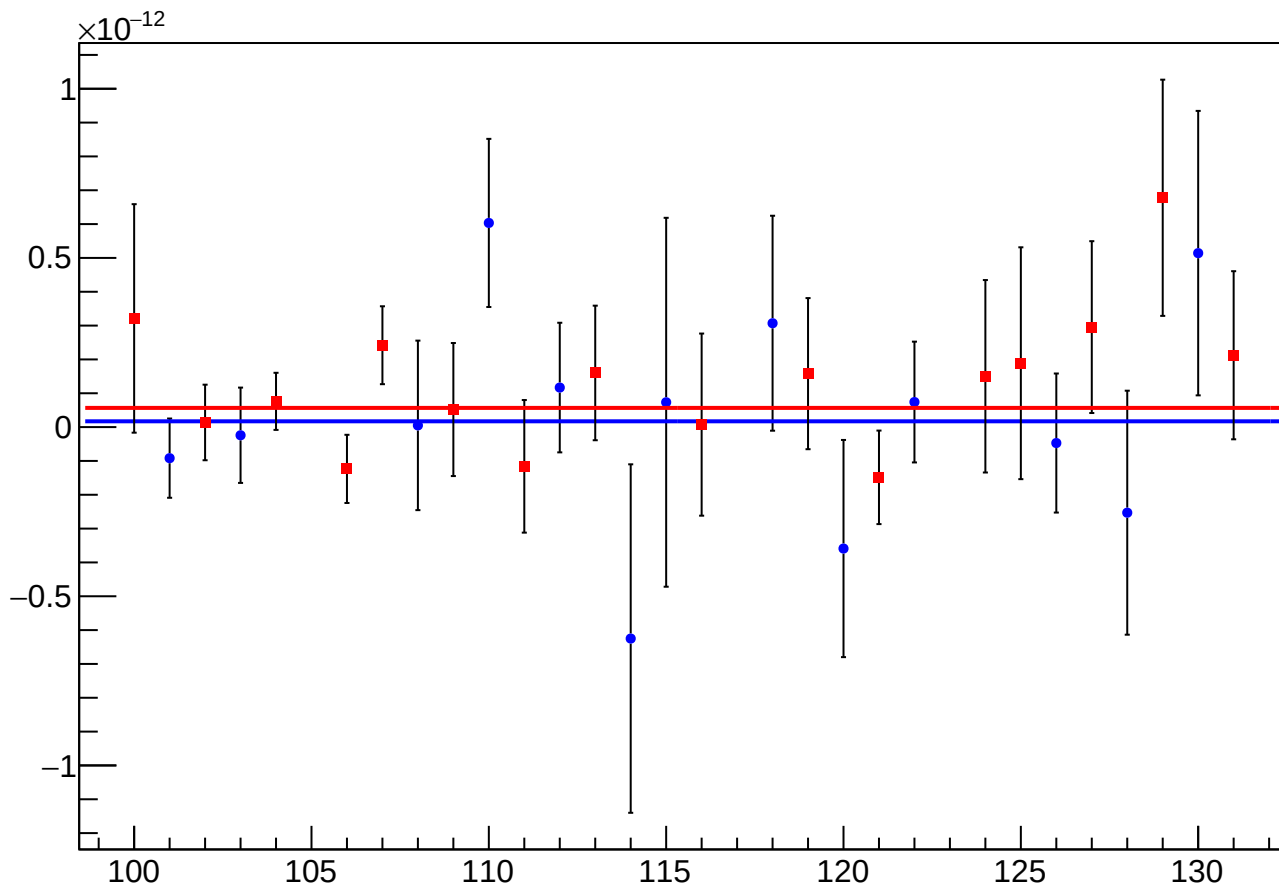
Right: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

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 : 12.7/12

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

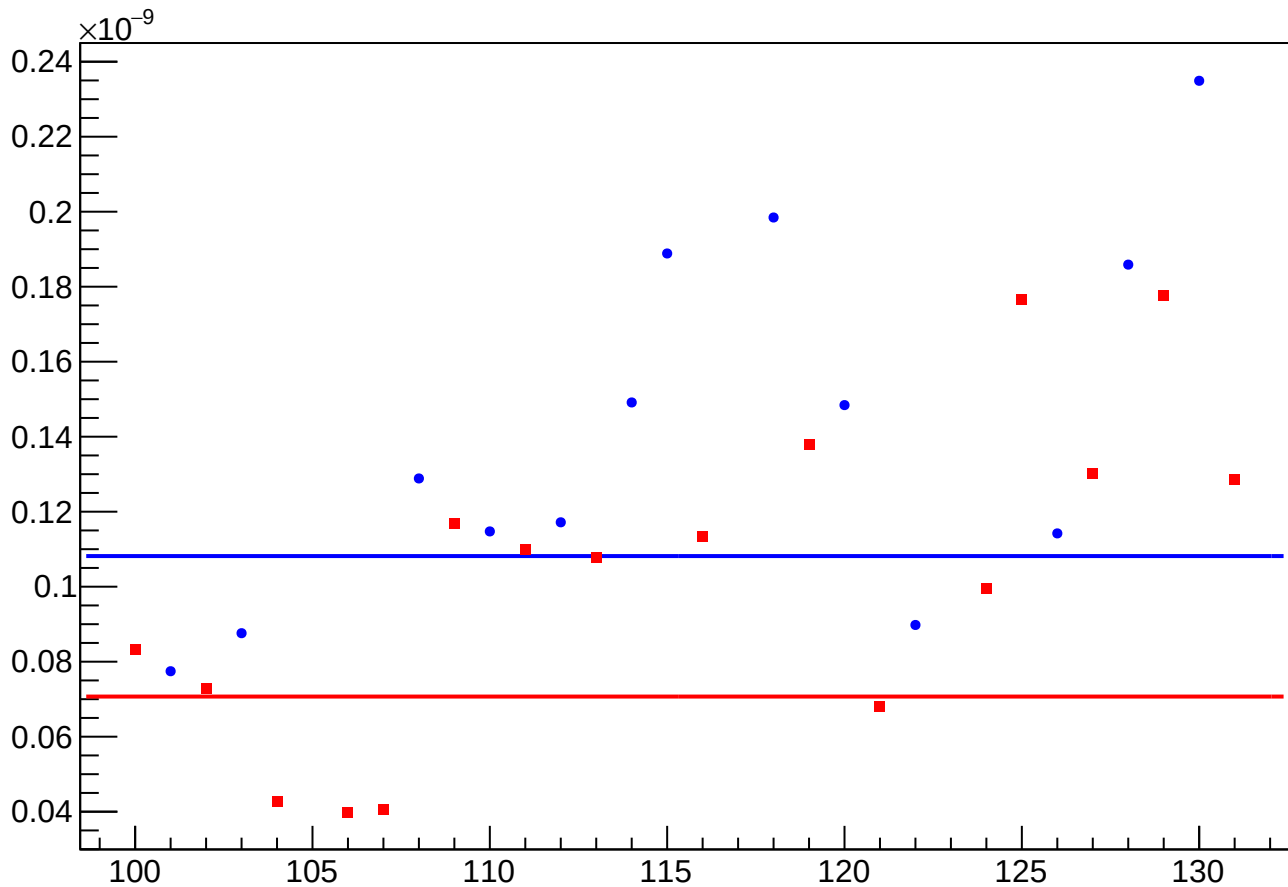
Right: 0.000+/-0.000 χ^2/NDF : 27.8/28

In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/28

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 : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

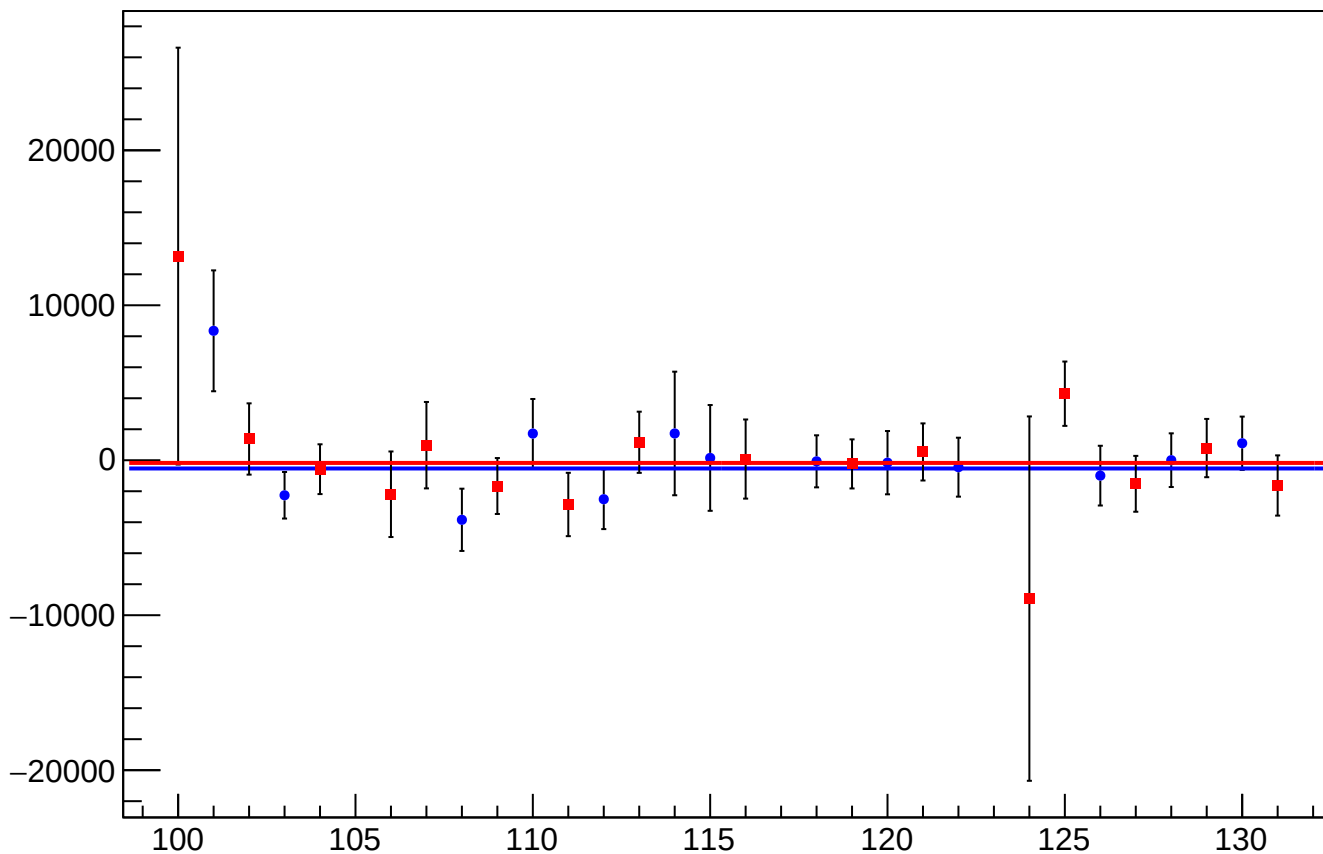
Right: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.251+/-528.071 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

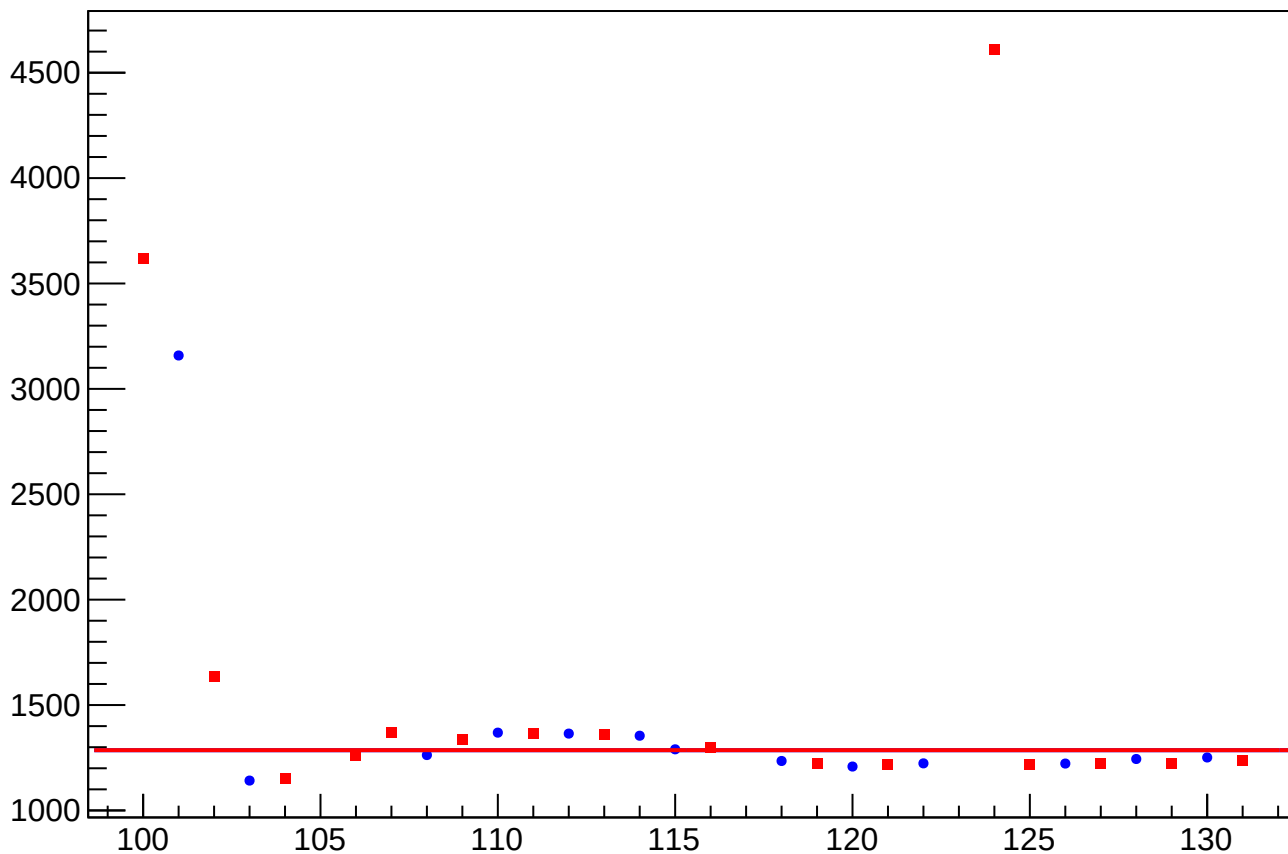
Right: -342.047+/-384.253 χ^2/NDF : 24.8/28

In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.047+/-384.253 χ^2/NDF : 24.8/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

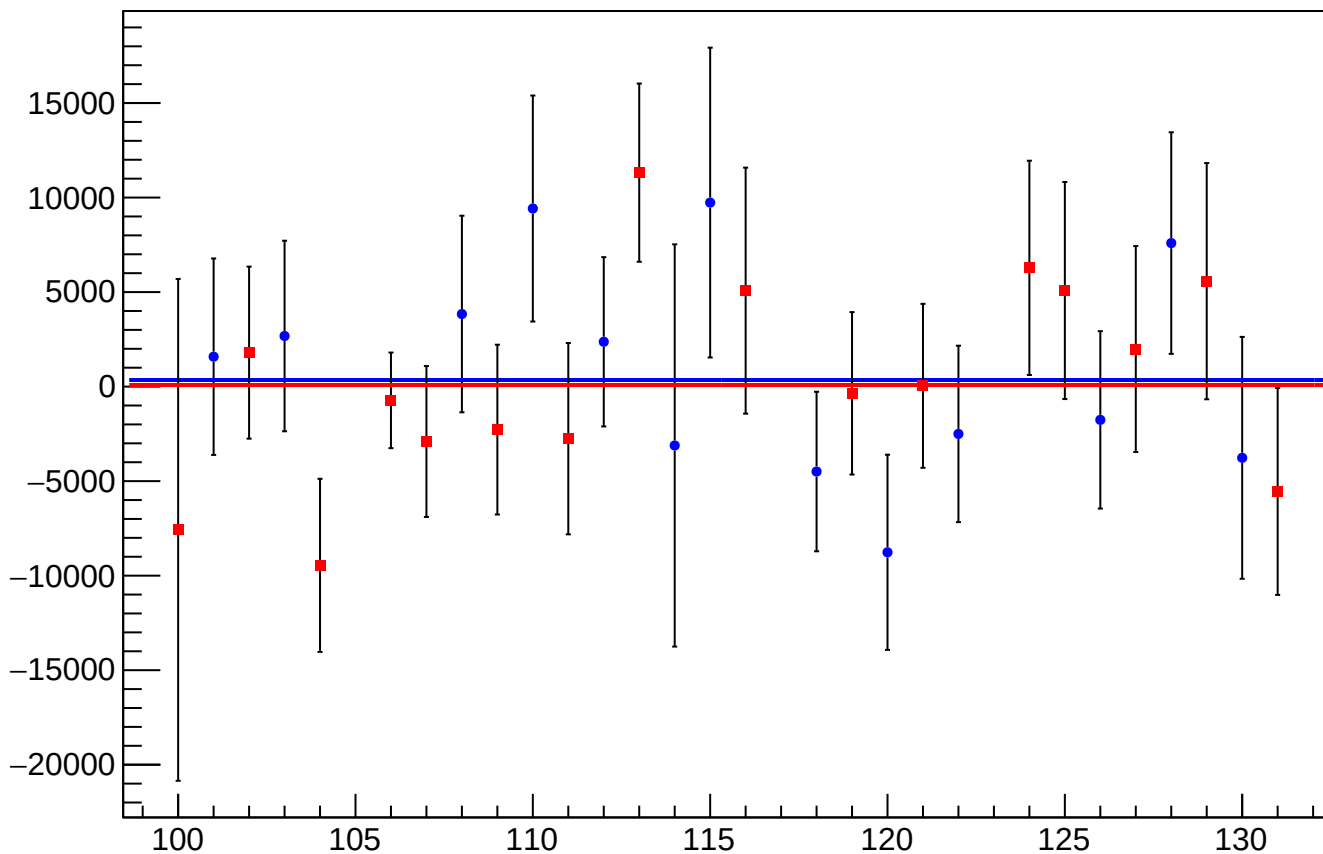
Right: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.586 $\pm$ 1484.807 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 85.501 $\pm$ 1162.841 χ^2 /NDF: 16.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

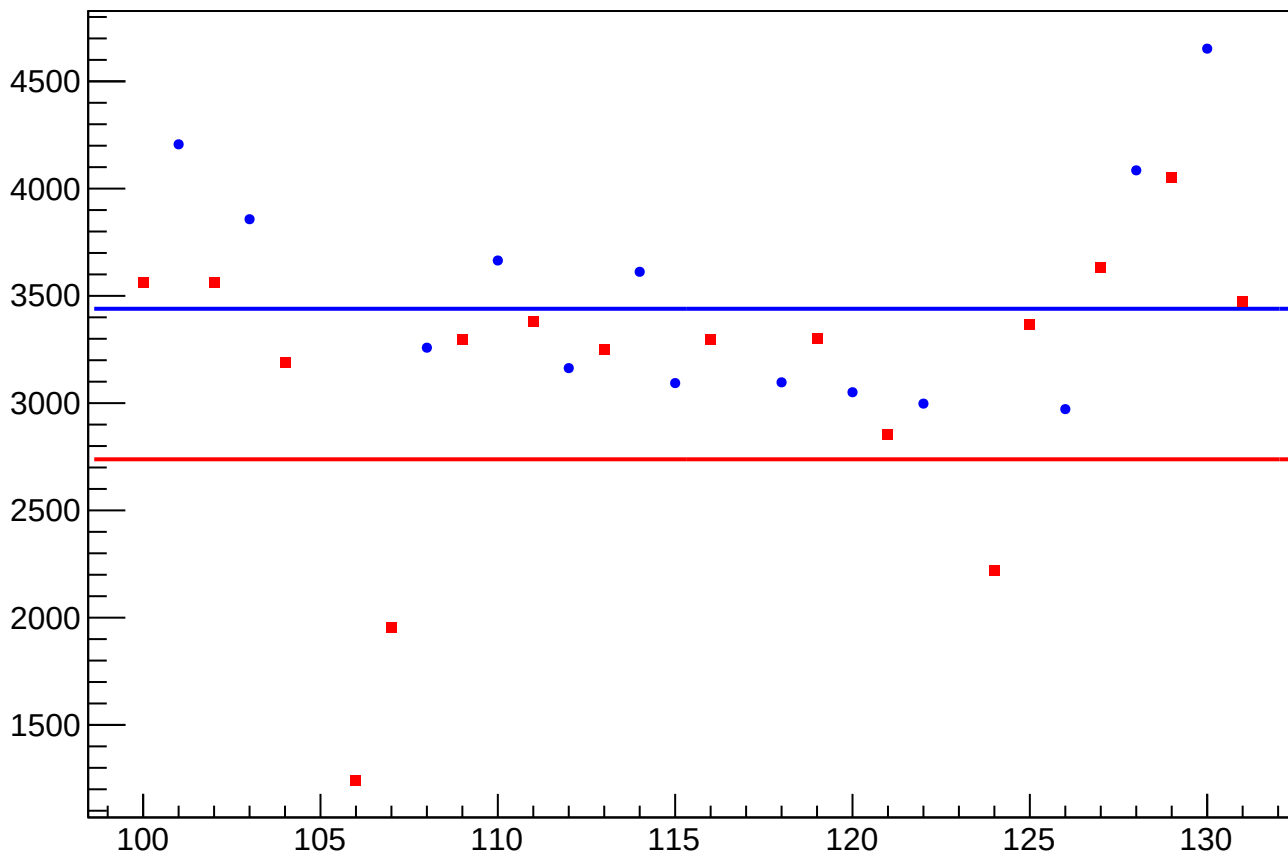
Right: 185.898 $\pm$ 915.498 χ^2 /NDF: 27.9/28

In: 349.586 $\pm$ 1484.807 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.898 $\pm$ 915.498 χ^2 /NDF: 27.9/28

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

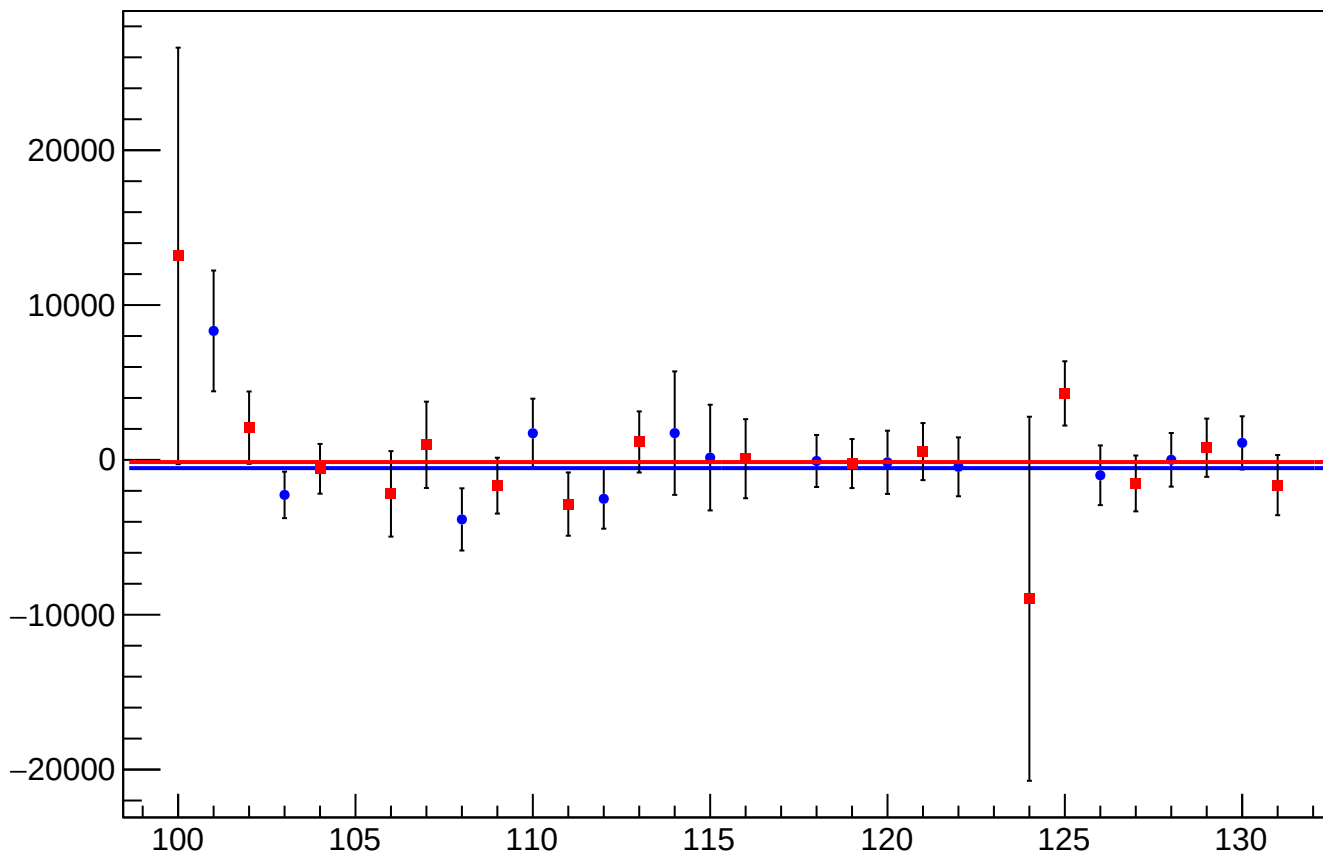
Right: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

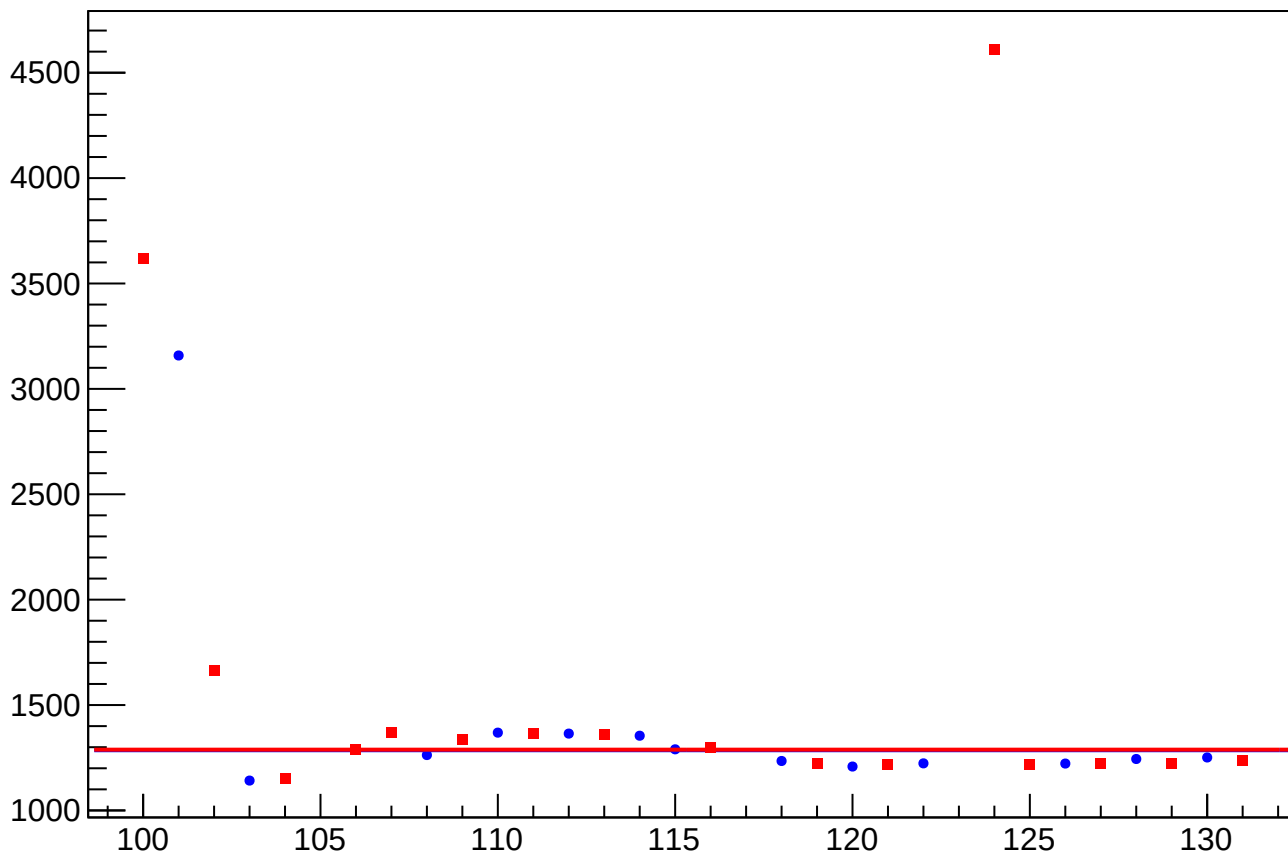
Right: -324.502+/-384.411 χ^2/NDF : 25.3/28

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.502+/-384.411 χ^2/NDF : 25.3/28

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

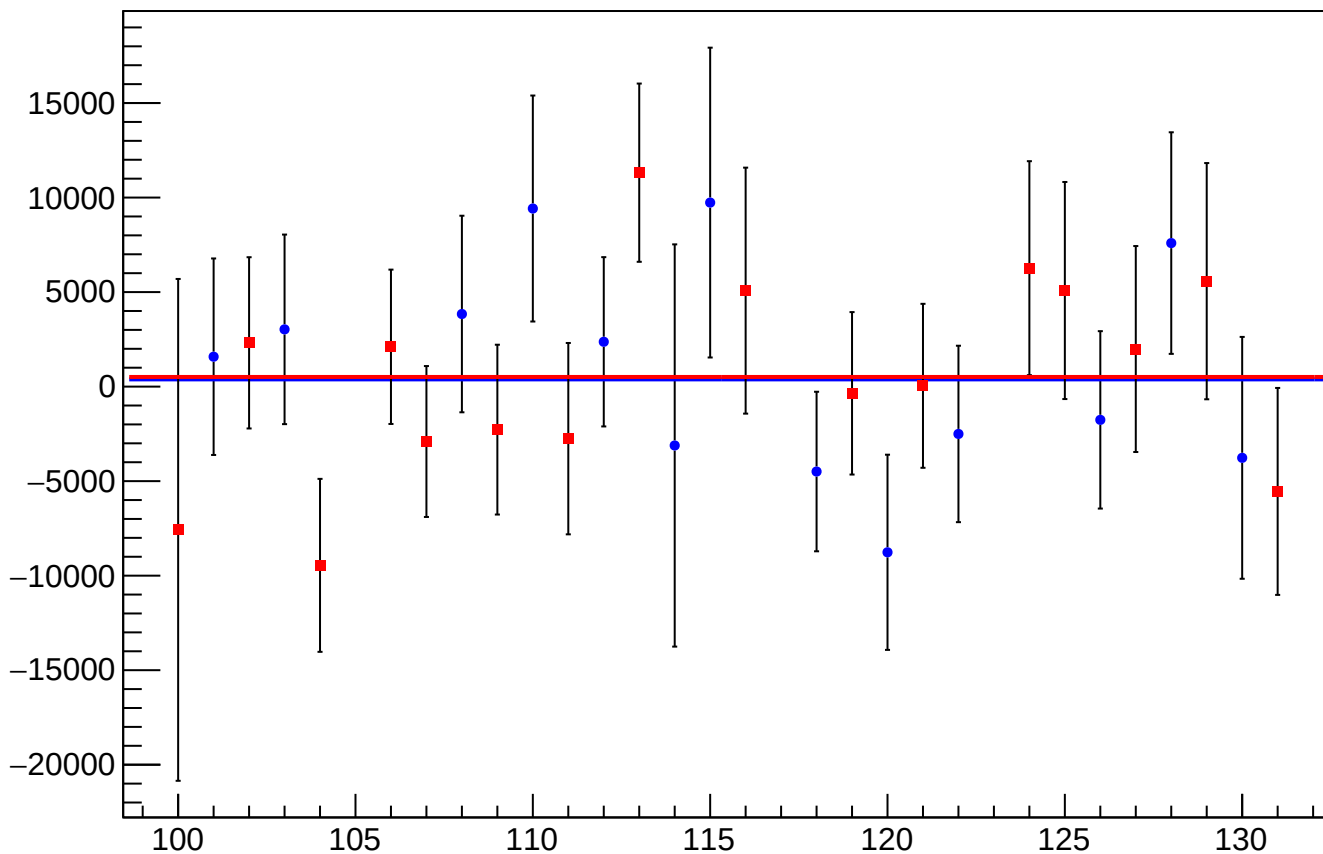
Right: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

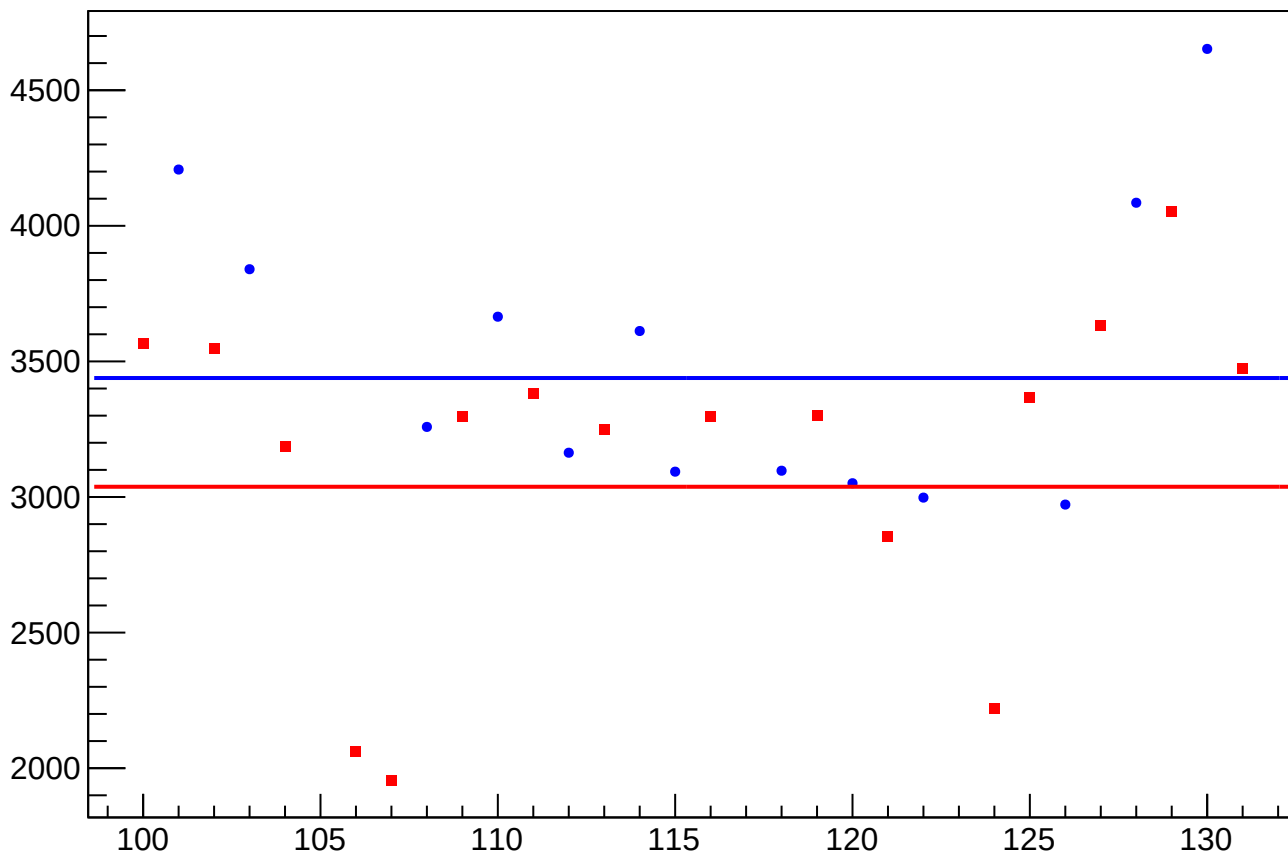
Right: 457.498+/-954.417 χ^2/NDF : 28.1/28

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.498+/-954.417 χ^2/NDF : 28.1/28

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

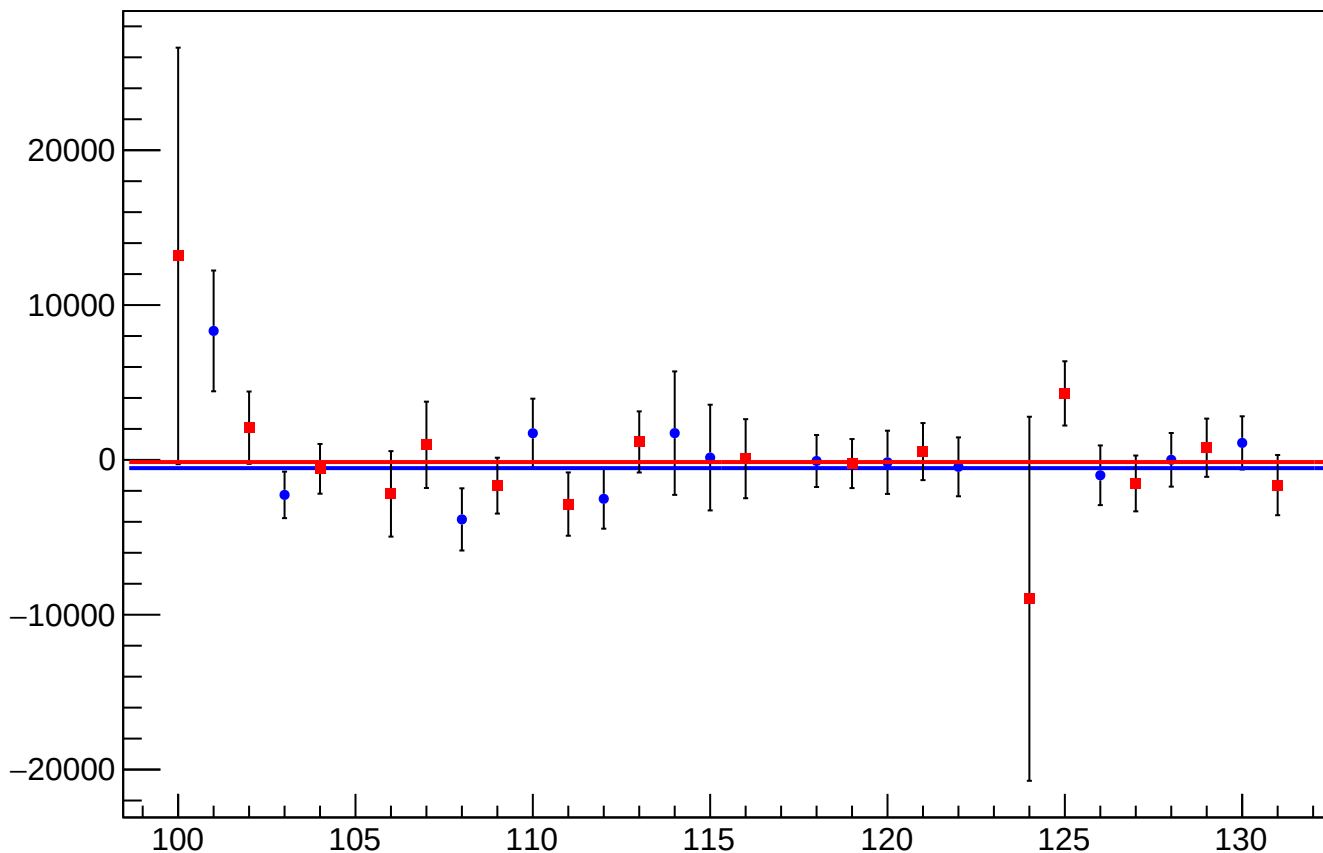
Right: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

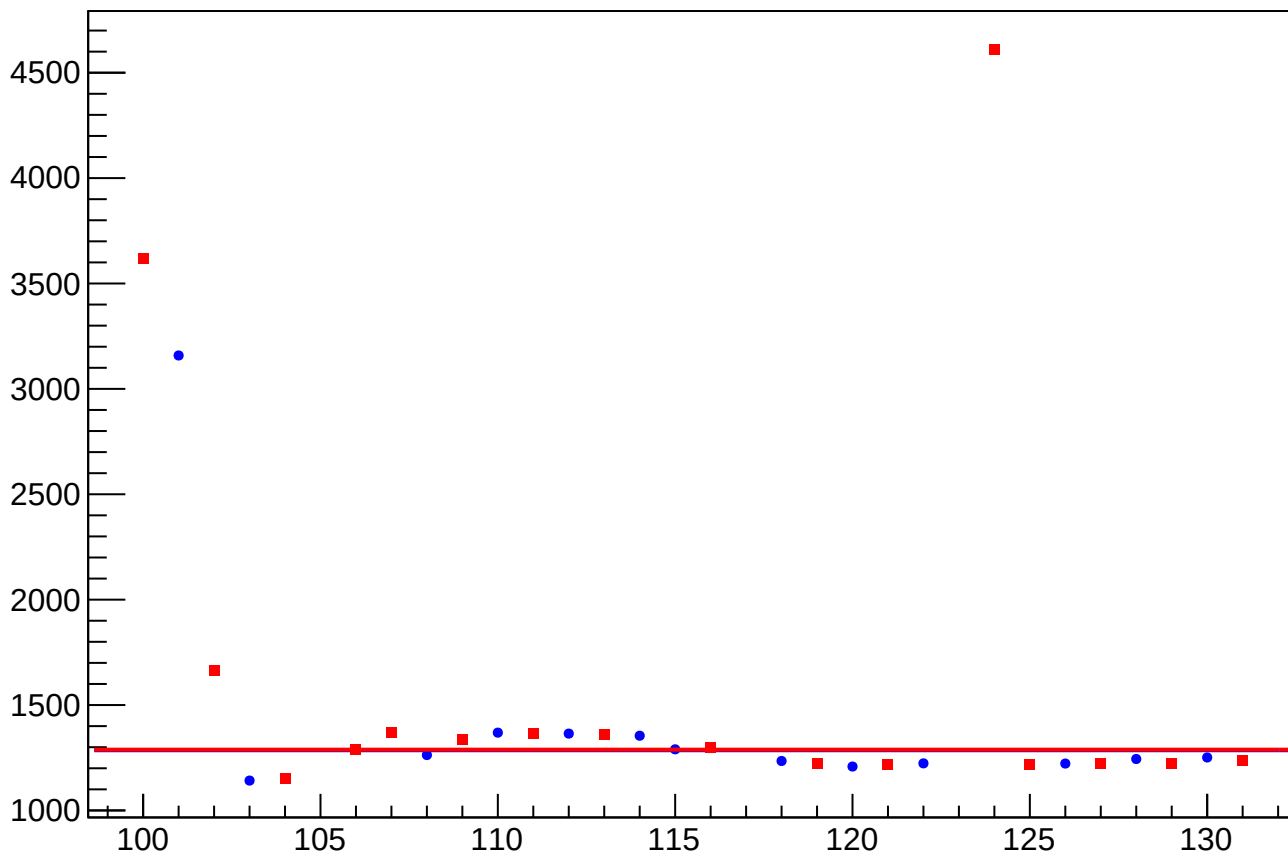
Right: -324.502+/-384.411 χ^2/NDF : 25.3/28

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.502+/-384.411 χ^2/NDF : 25.3/28

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

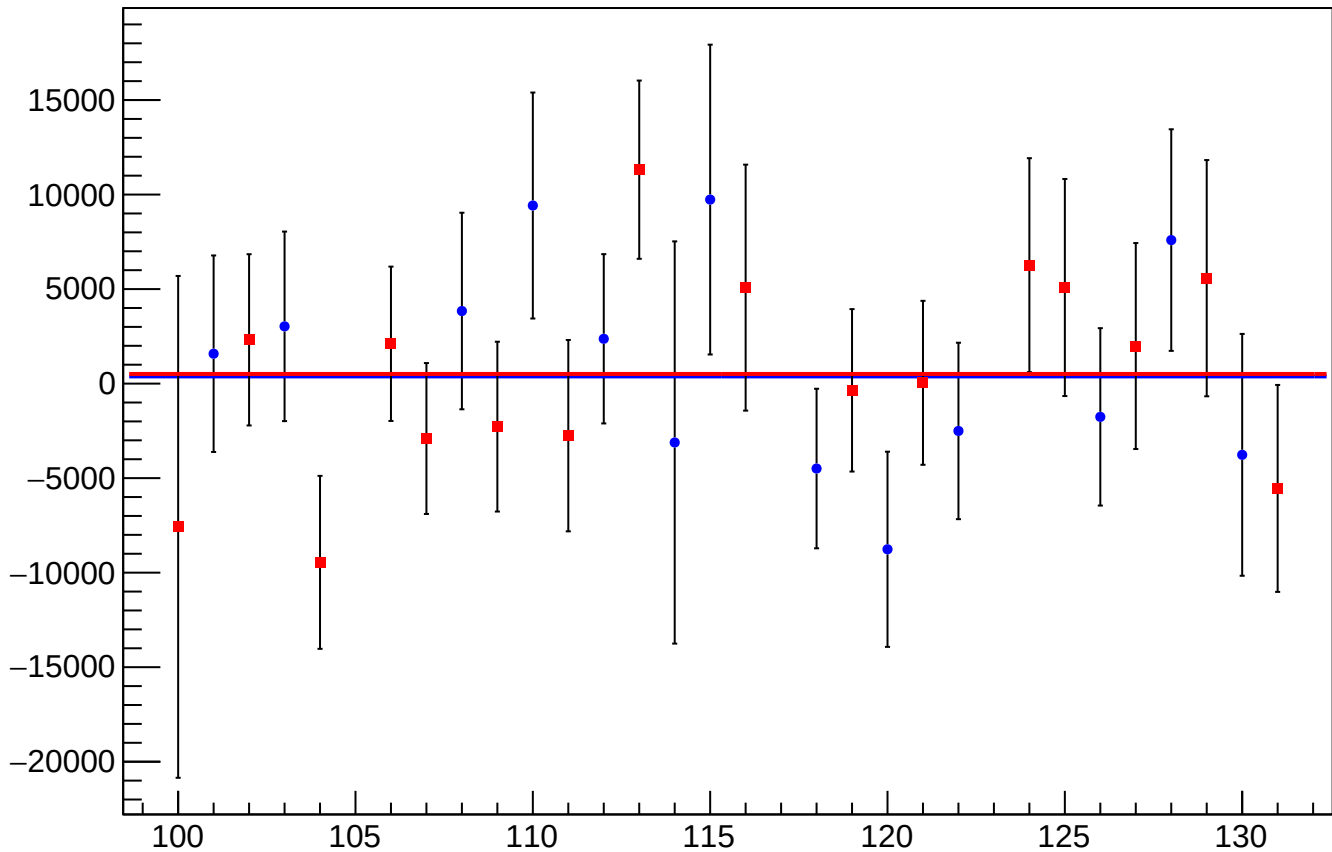
Right: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

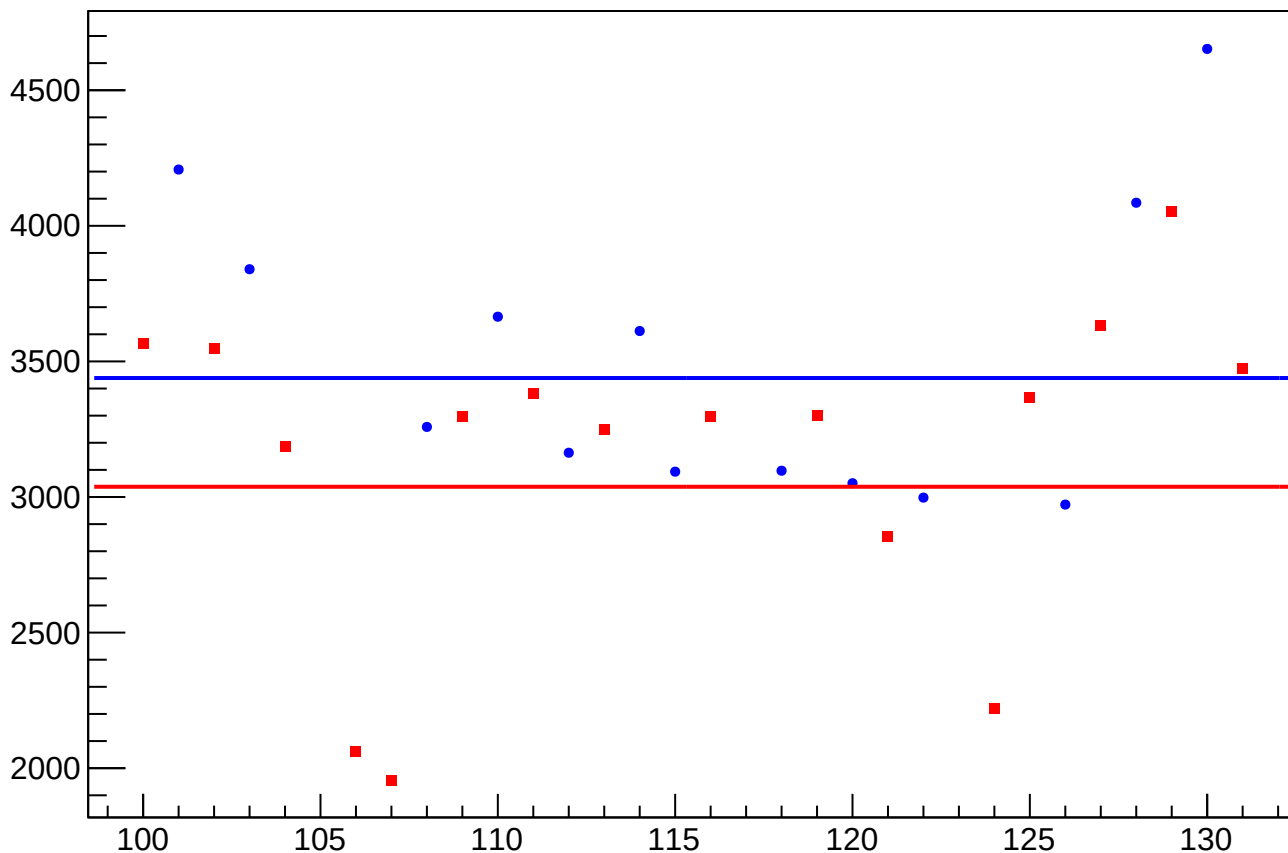
Right: 457.498+/-954.417 χ^2/NDF : 28.1/28

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.498+/-954.417 χ^2/NDF : 28.1/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

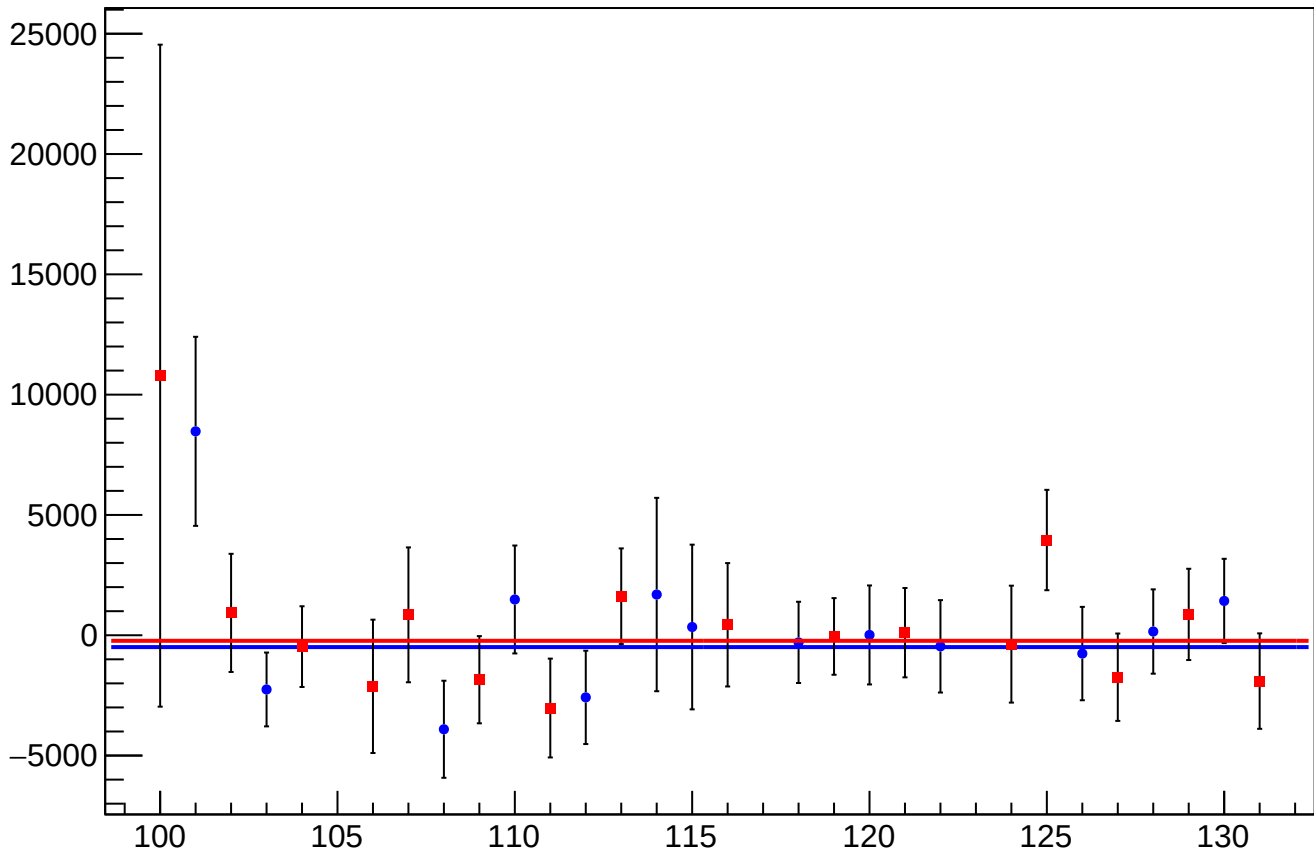
Right: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

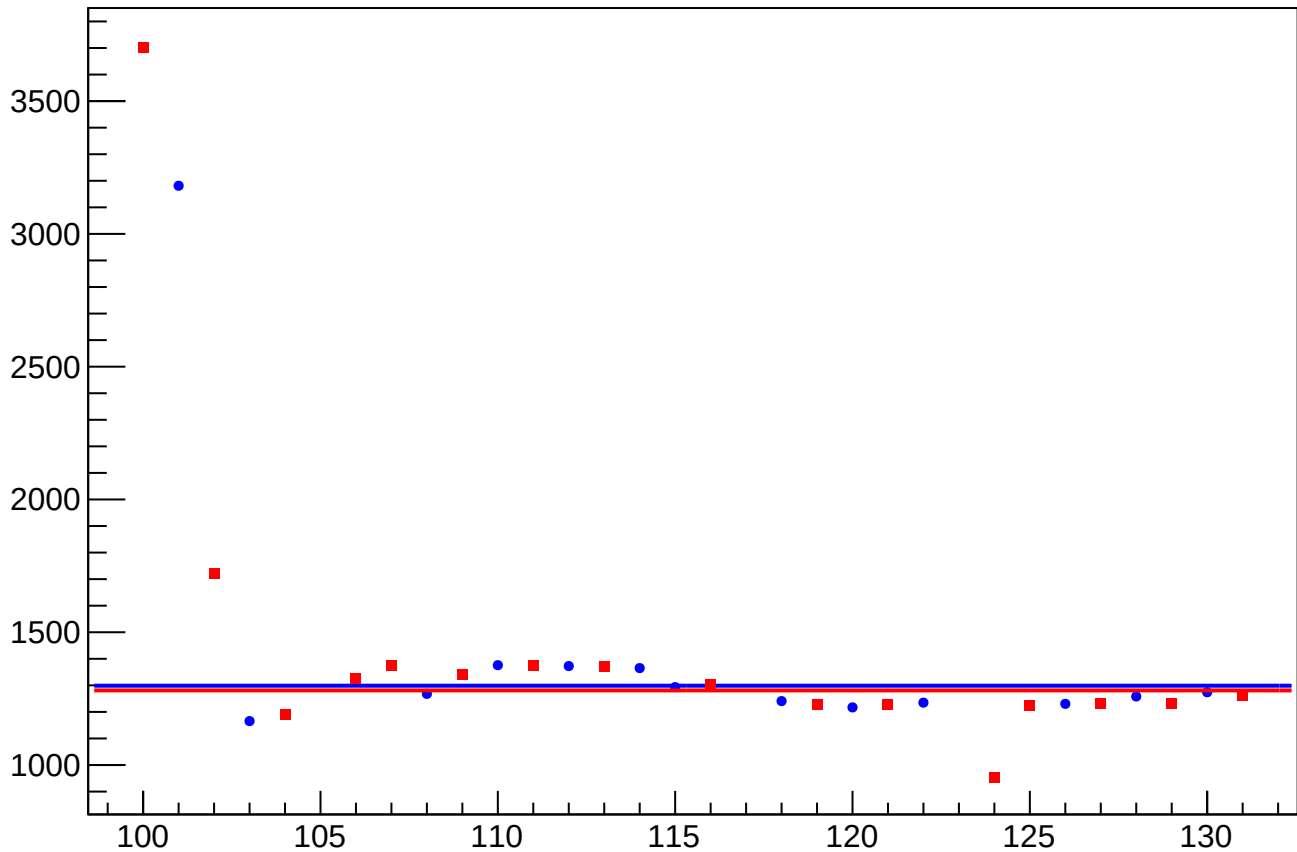
Right: -351.365+/-384.234 χ^2/NDF : 24.1/28

In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.365+/-384.234 χ^2/NDF : 24.1/28

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

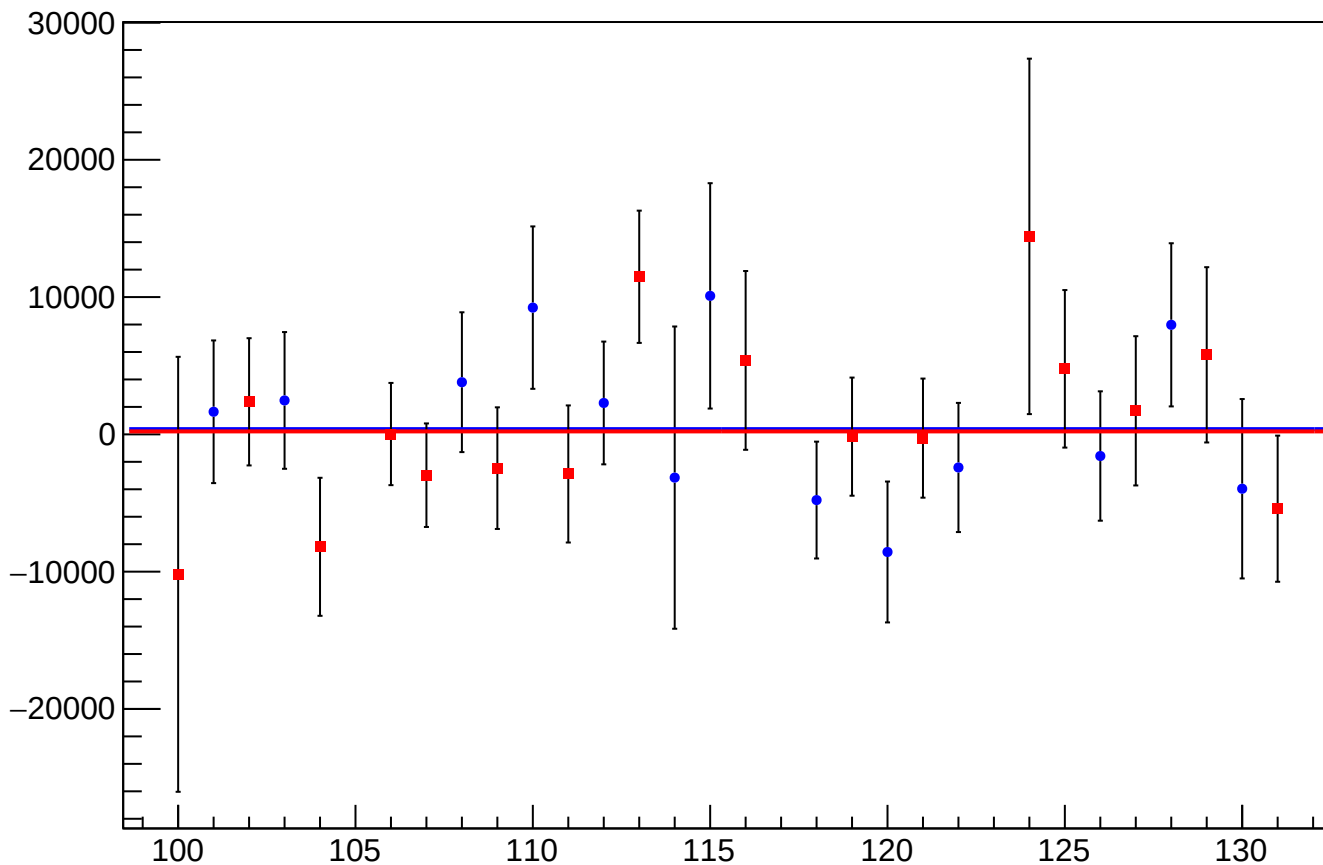
Right: 1289.129+/-0.272 χ^2/NDF : 683415.5/28

In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.5/28

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

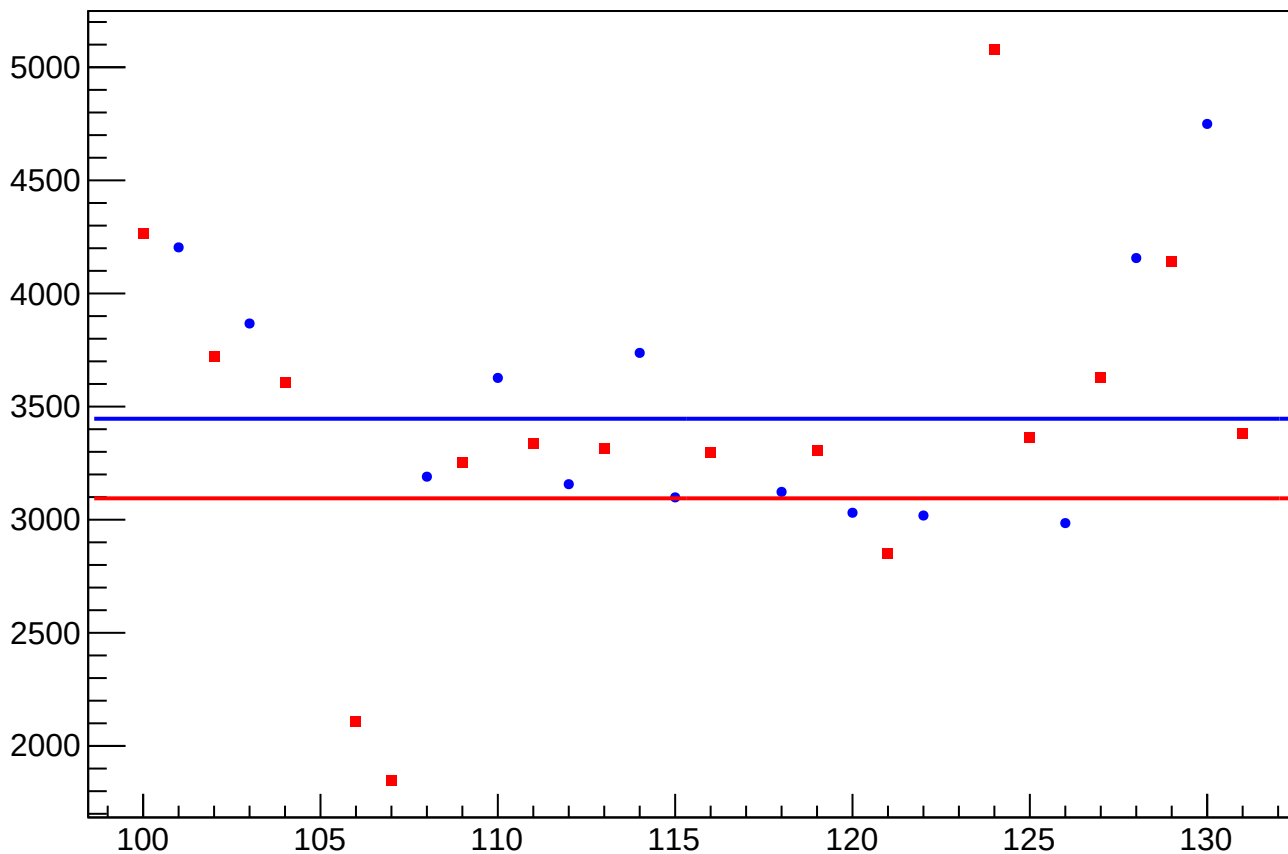
Right: 285.466 $\pm$ 962.095 χ^2 /NDF: 26.6/28

In: 381.695 $\pm$ 1486.105 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.466 $\pm$ 962.095 χ^2 /NDF: 26.6/28

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.286+/-1.051 χ^2 /NDF: 245591.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3094.468+/-0.893 χ^2 /NDF: 581713.9/15

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

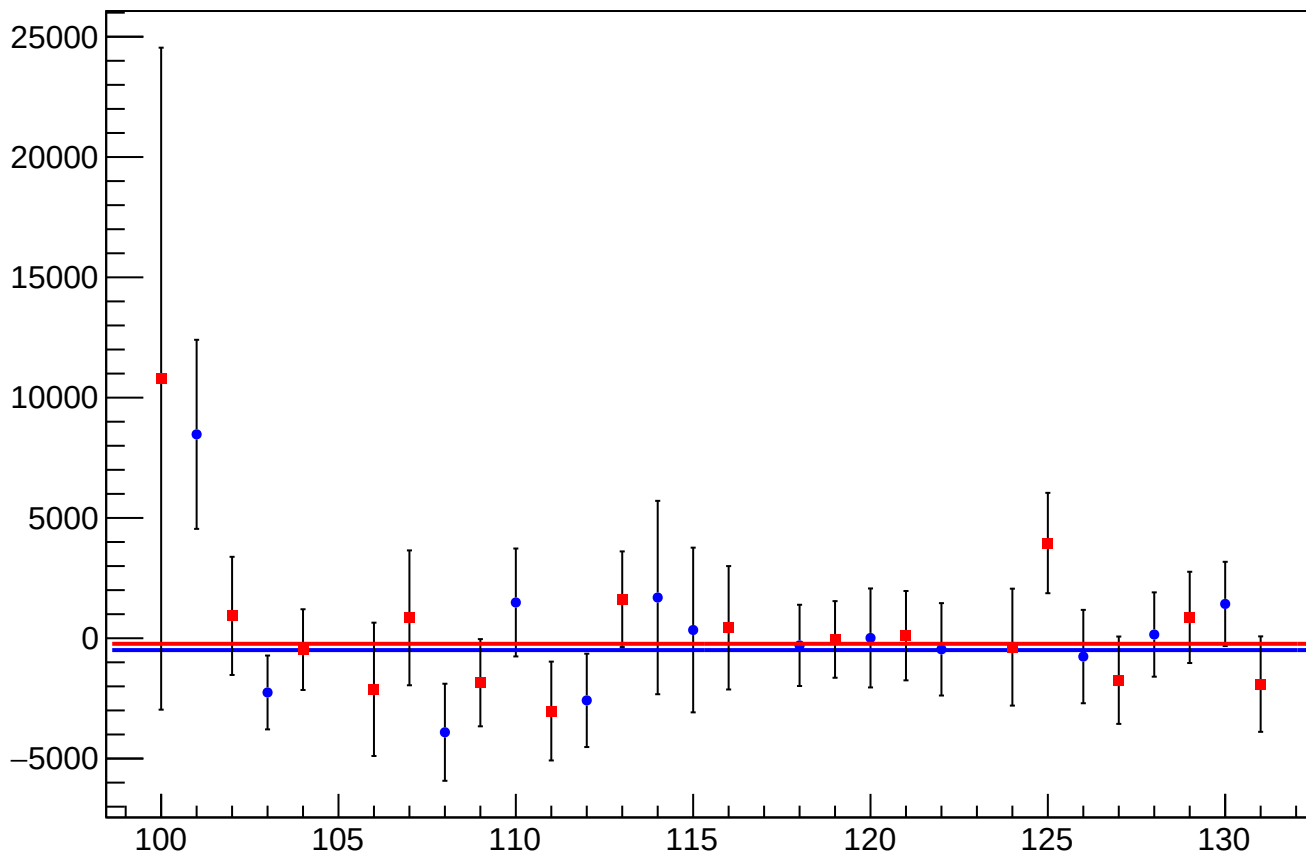
Right: 3241.921+/-0.680 χ^2 /NDF: 892416.5/28

In: 3446.286+/-1.051 χ^2 /NDF: 245591.6/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3241.921+/-0.680 χ^2 /NDF: 892416.5/28

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.778+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

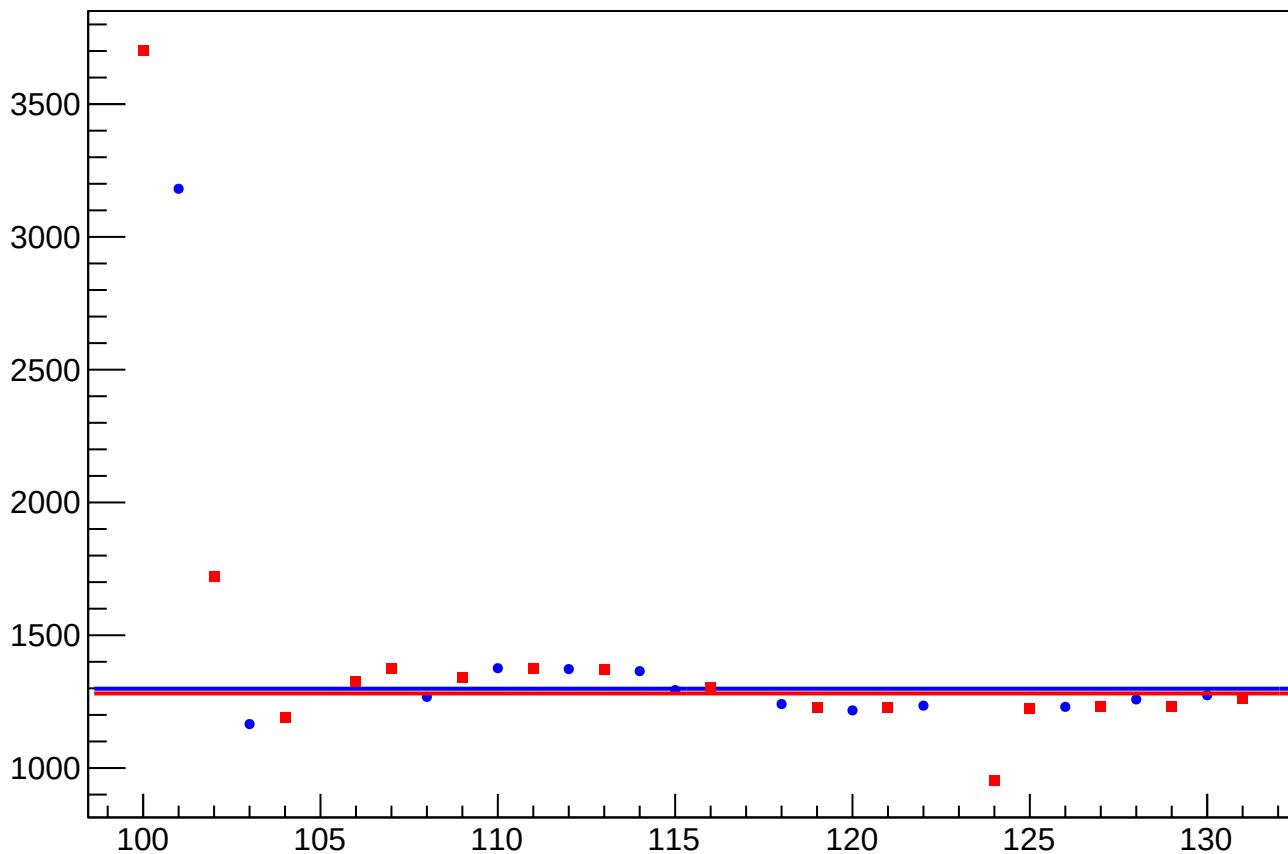
Right: -351.370+/-384.234 χ^2/NDF : 24.1/28

In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.370+/-384.234 χ^2/NDF : 24.1/28

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

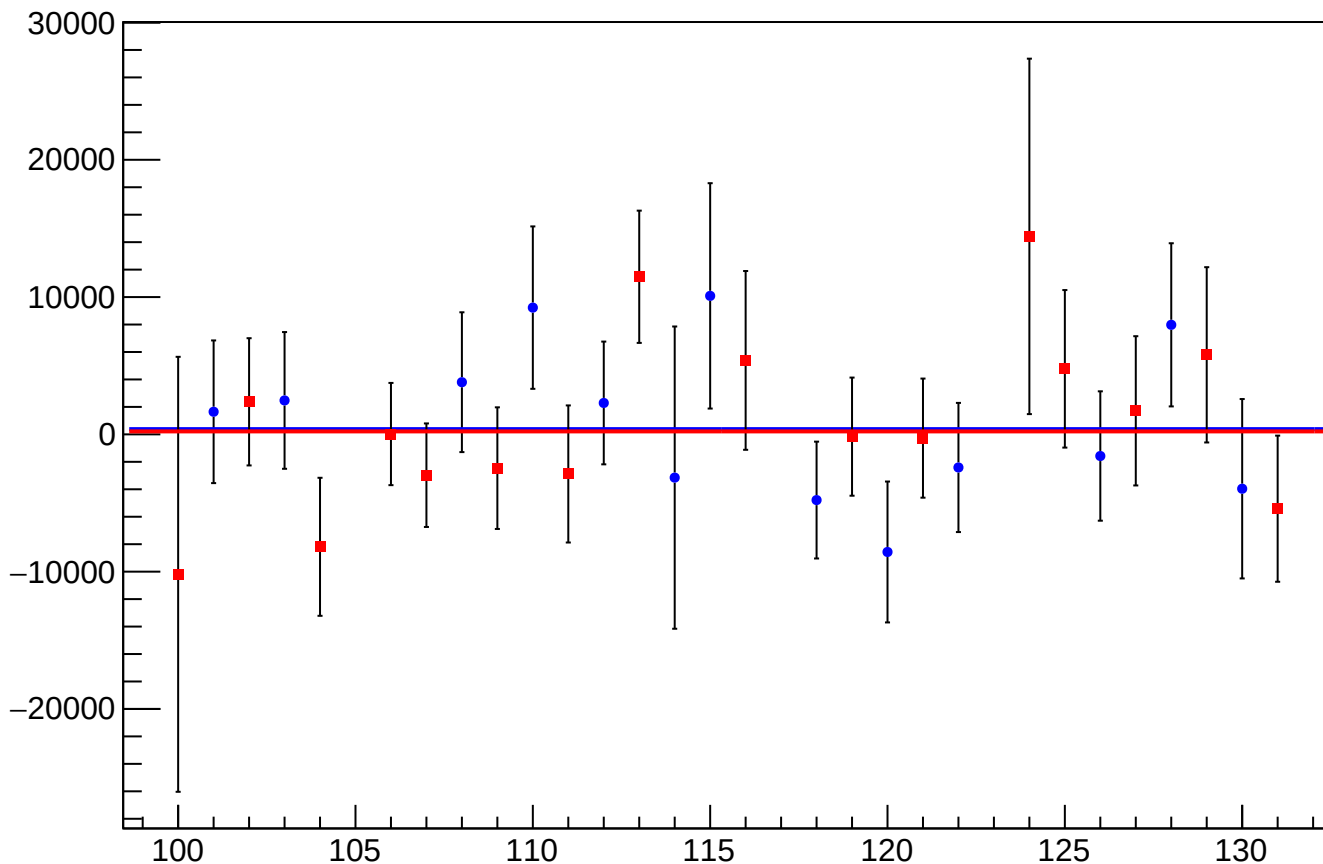
Right: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.688 $\pm$ 1486.101 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 216.030 $\pm$ 1262.329 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

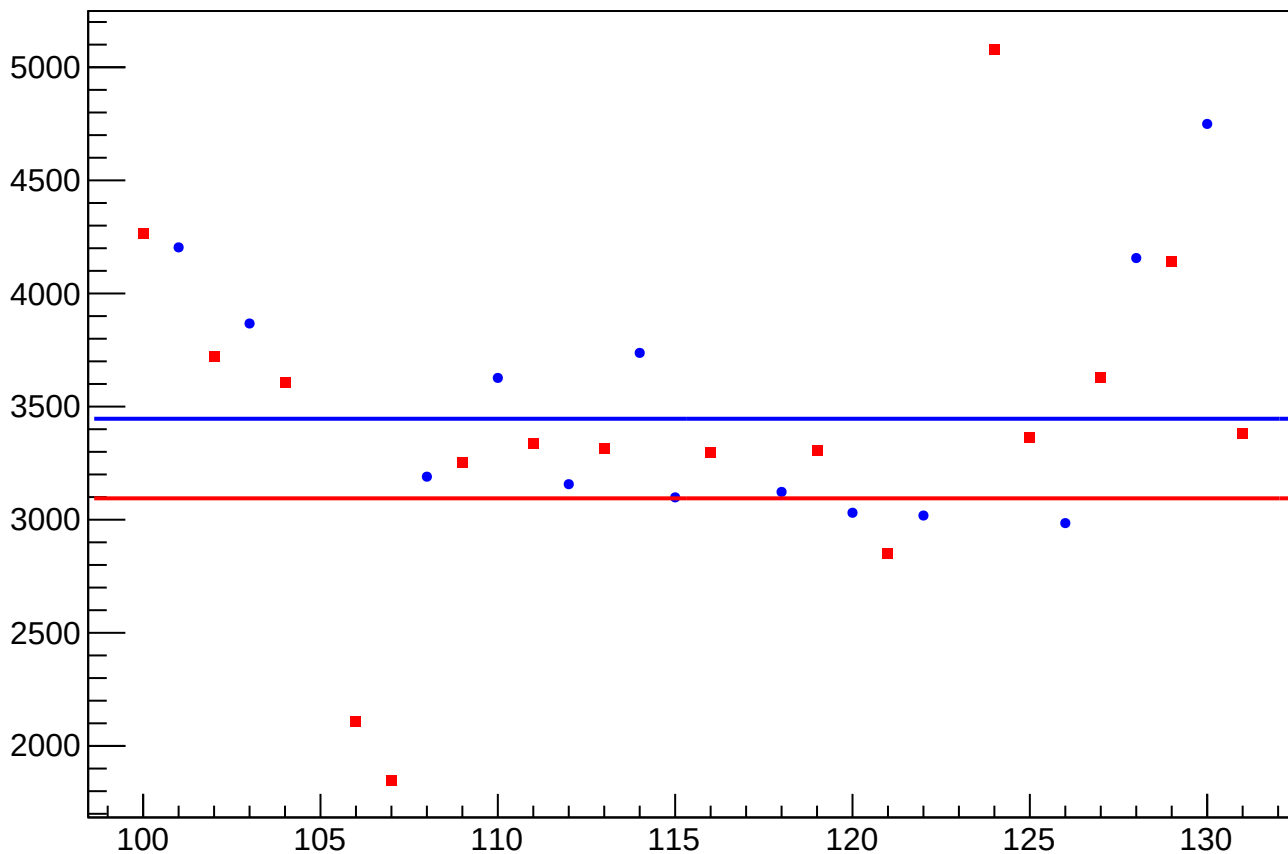
Right: 285.461 $\pm$ 962.092 χ^2 /NDF: 26.6/28

In: 381.688 $\pm$ 1486.101 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.461 $\pm$ 962.092 χ^2 /NDF: 26.6/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

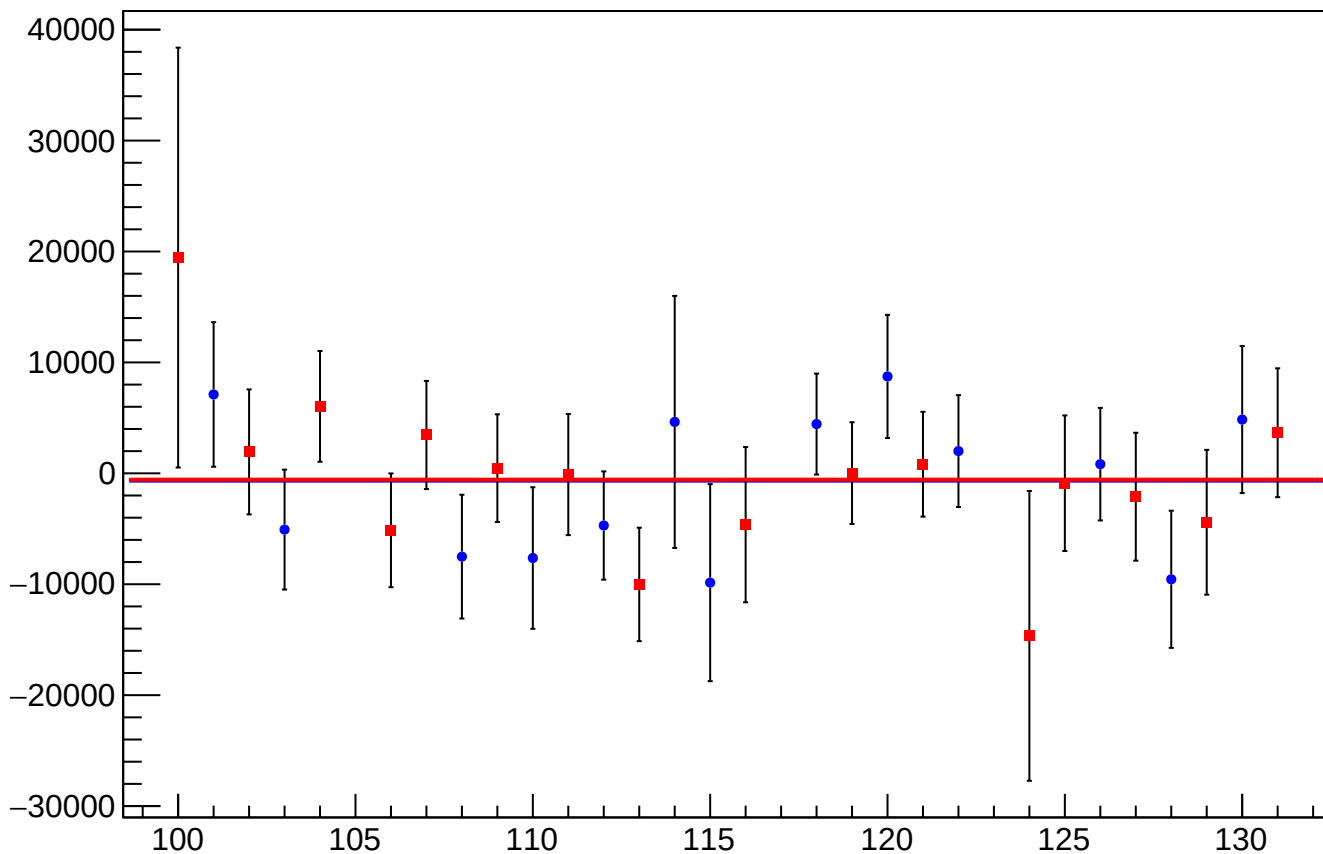
Right: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.204+/-1418.084 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

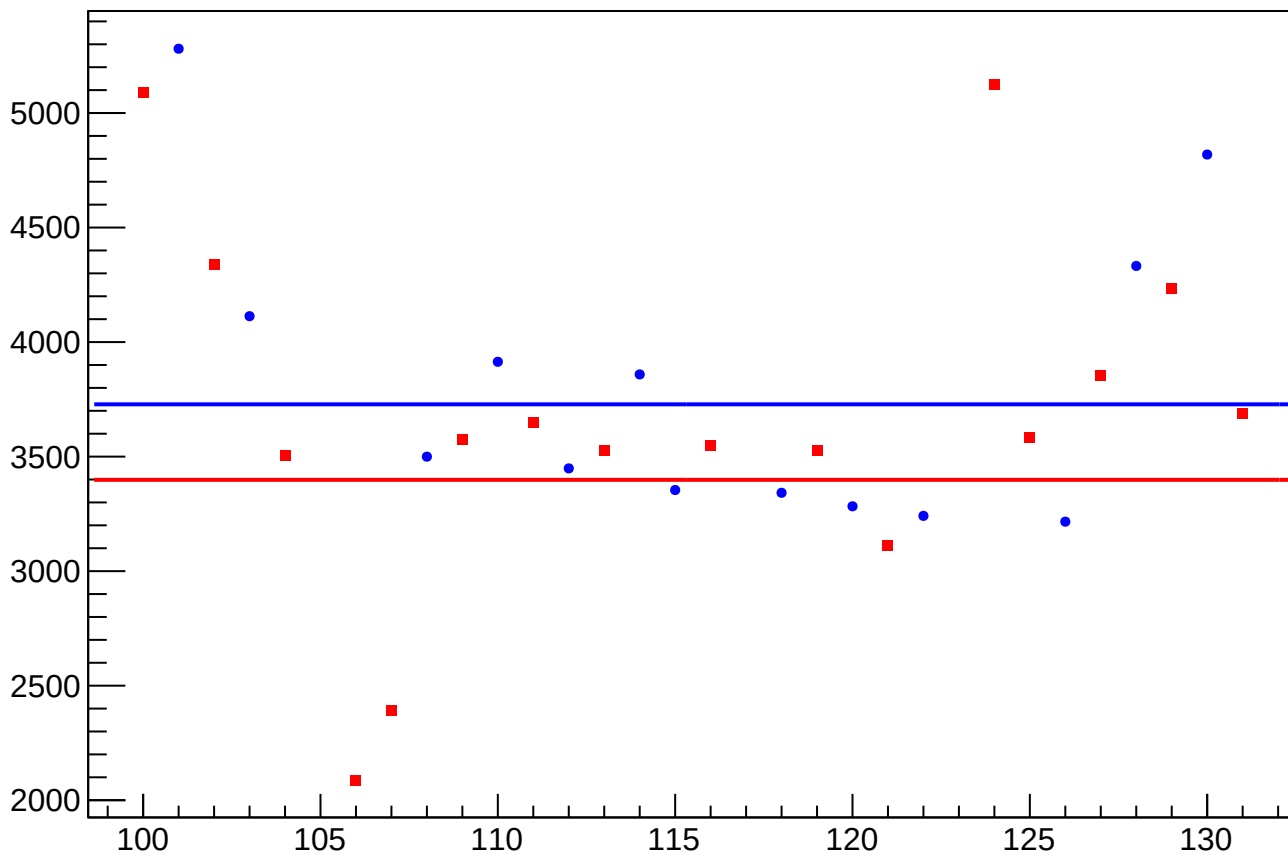
Right: -608.956+/-1064.855 χ^2/NDF : 24.6/28

In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.956+/-1064.855 χ^2/NDF : 24.6/28

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

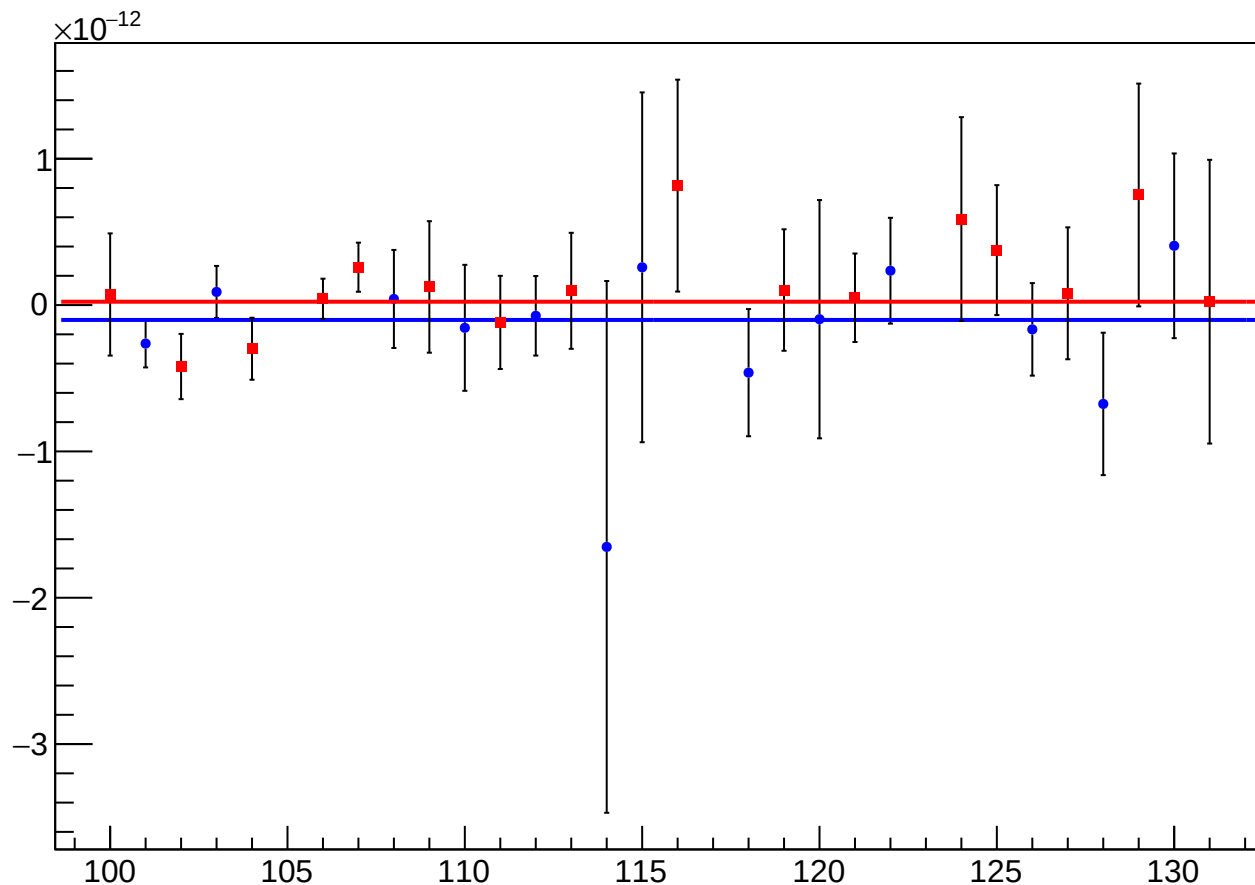
Right: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

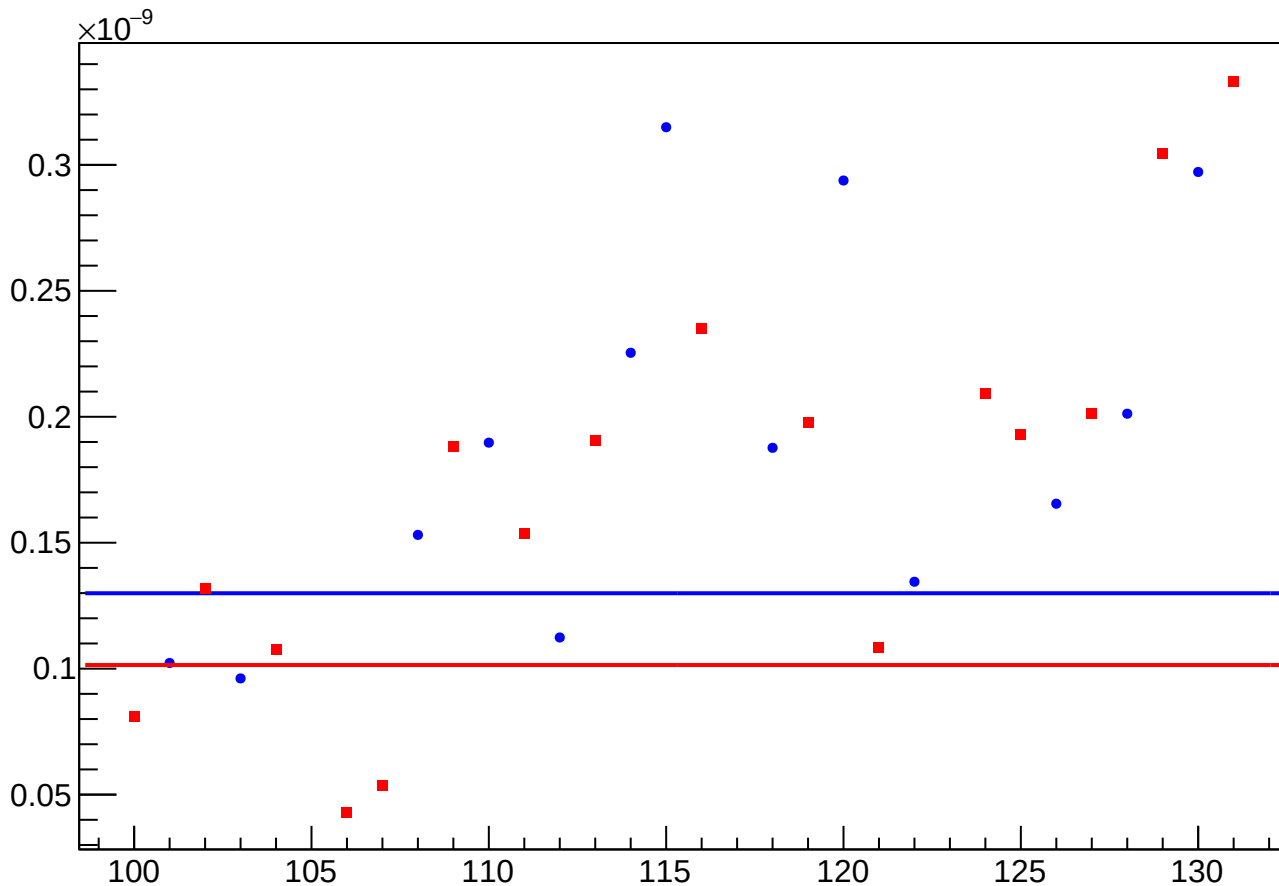
Right: -0.000+/-0.000 χ^2/NDF : 20.0/28

In: -0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/28

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

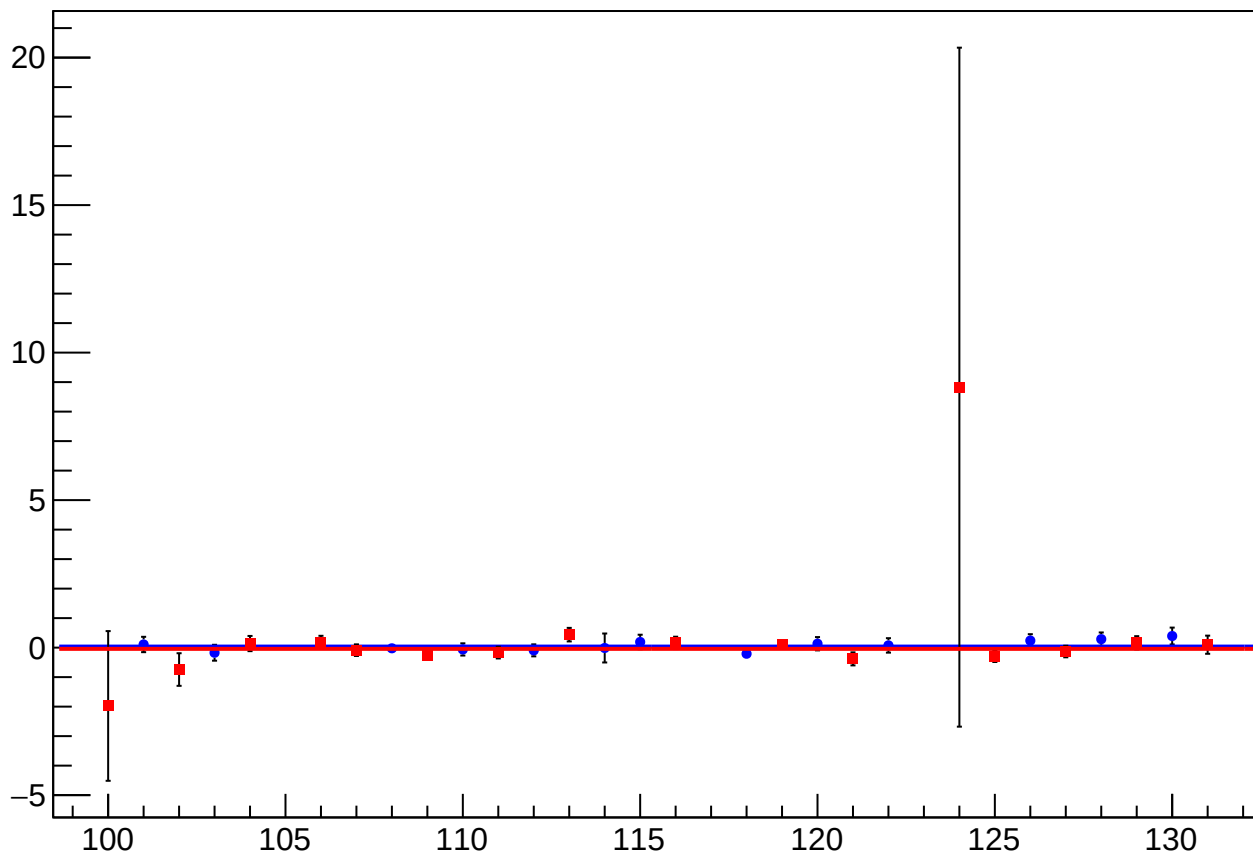
Right: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

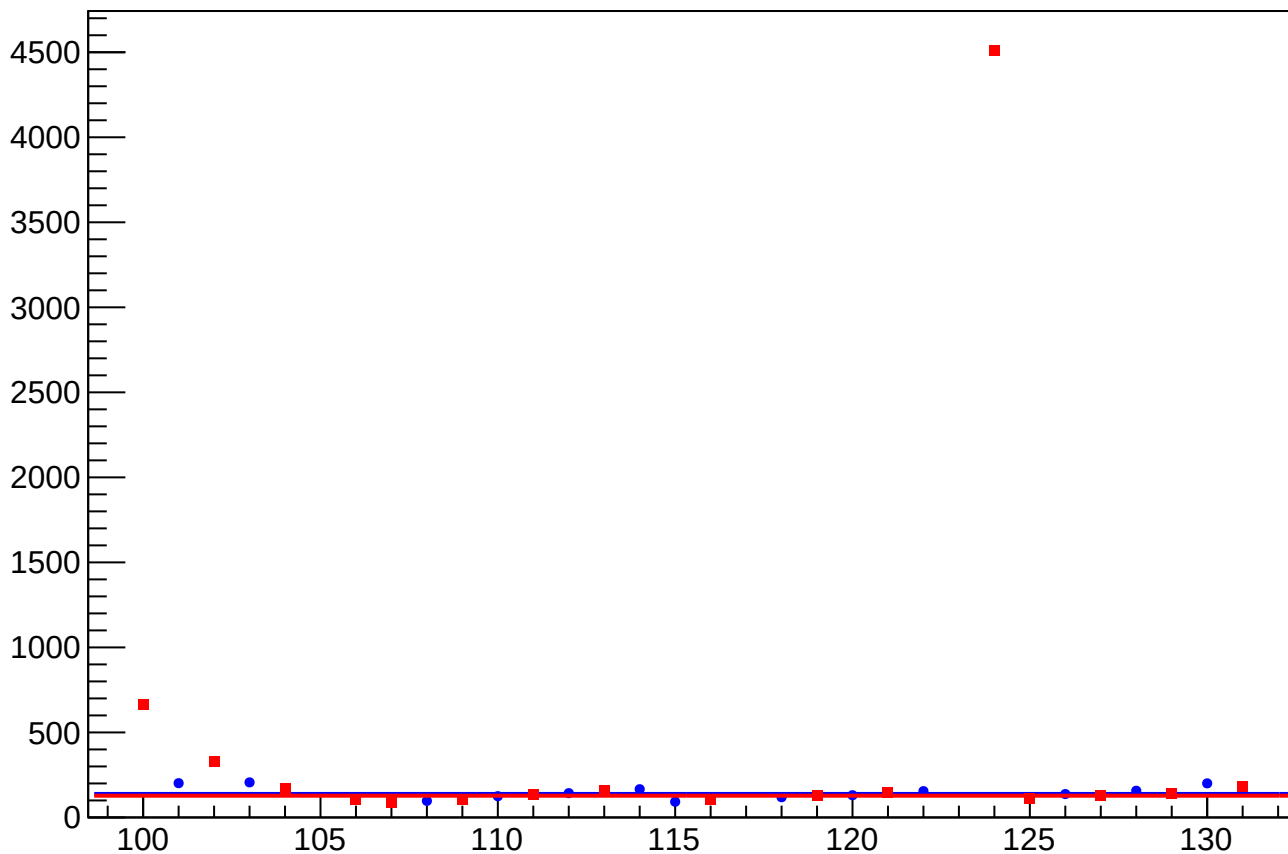
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

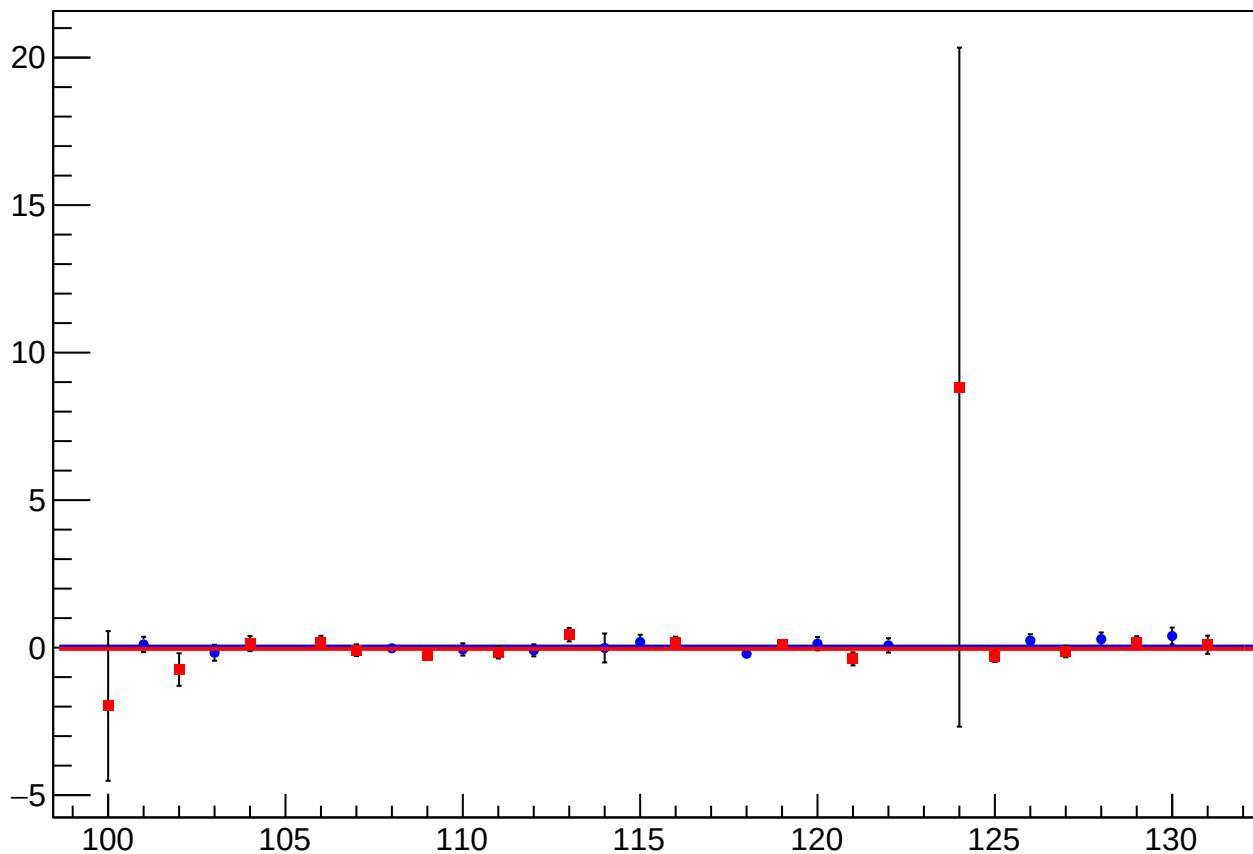
Right: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

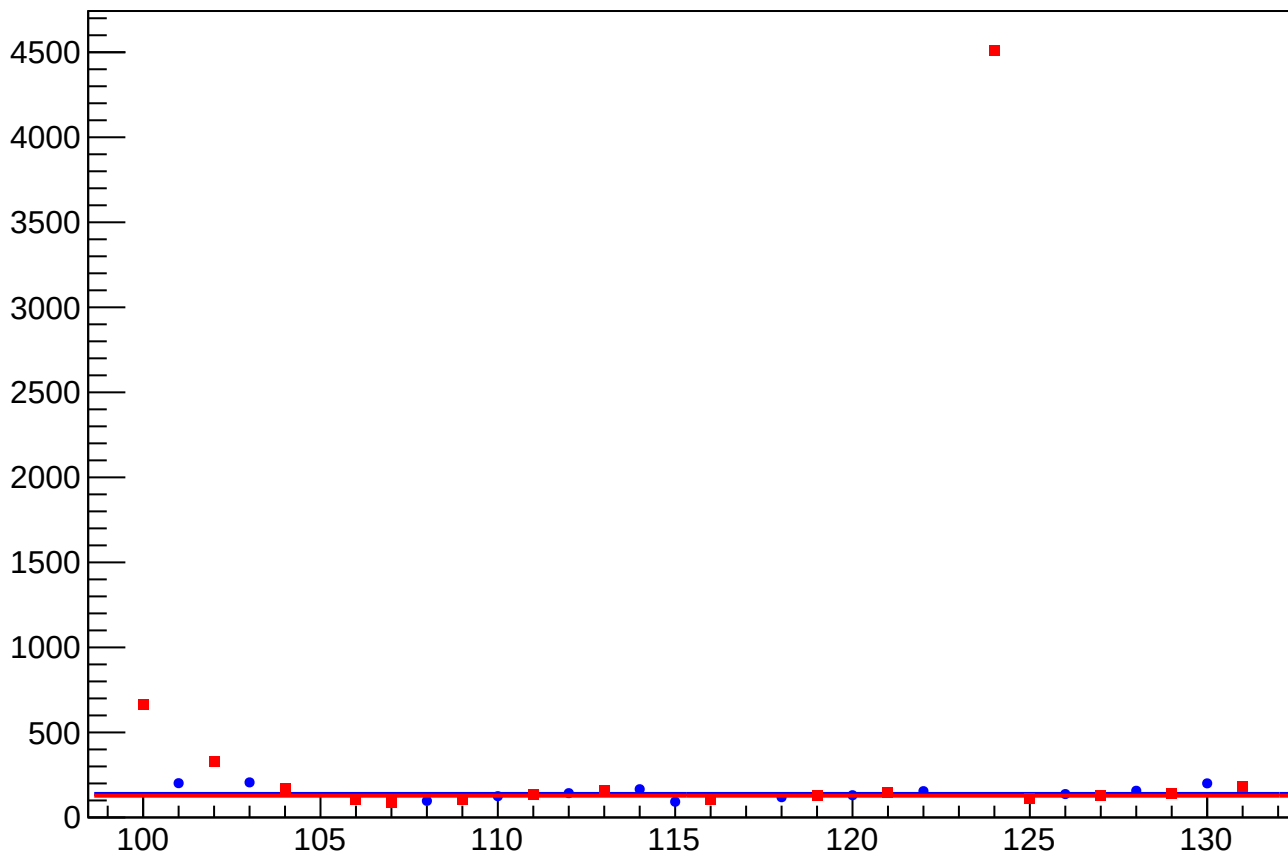
Right: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

In: 0.035 $\pm$ 0.062 χ^2 /NDF:7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.042 χ^2 /NDF: 27.0/28

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

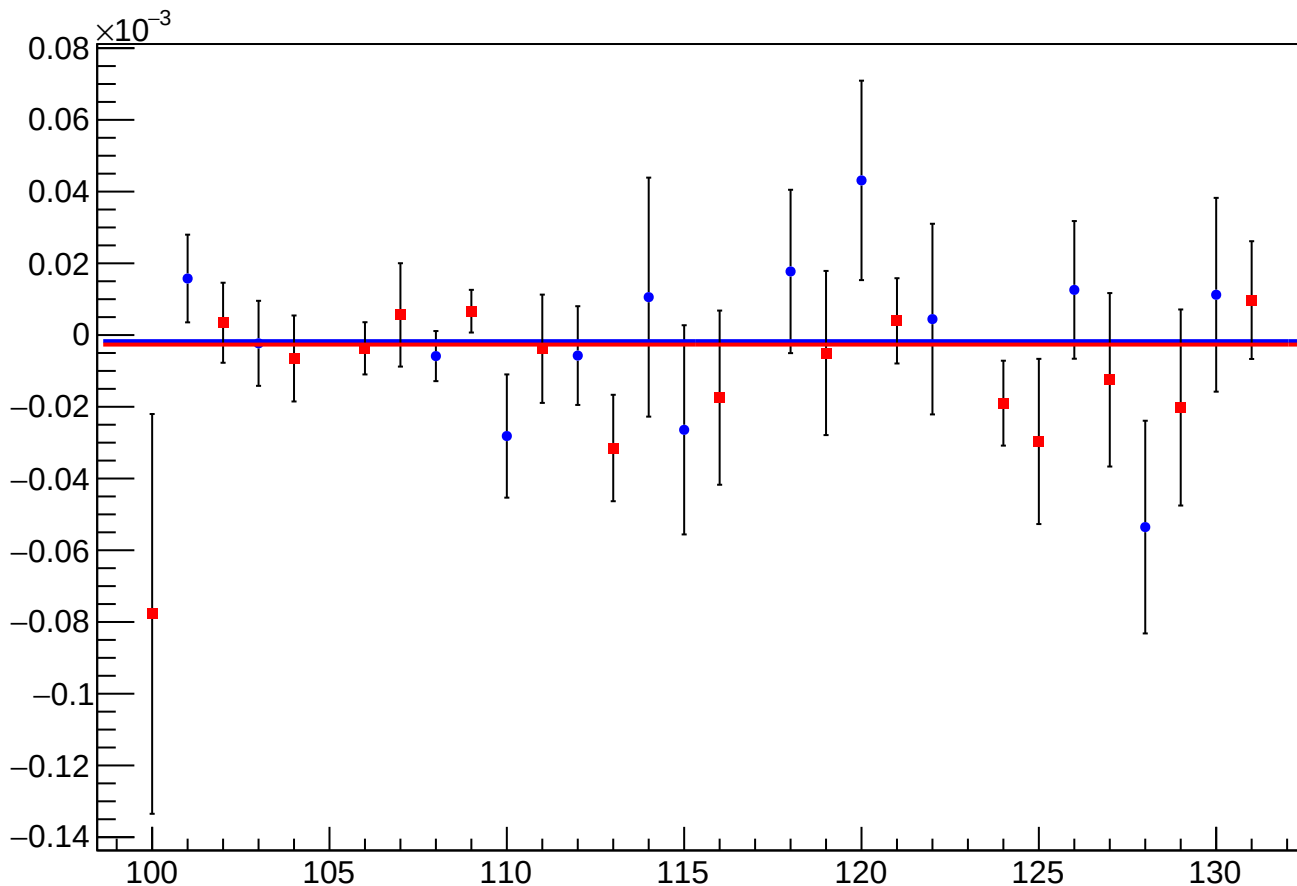
Right: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

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: 12.9/12

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

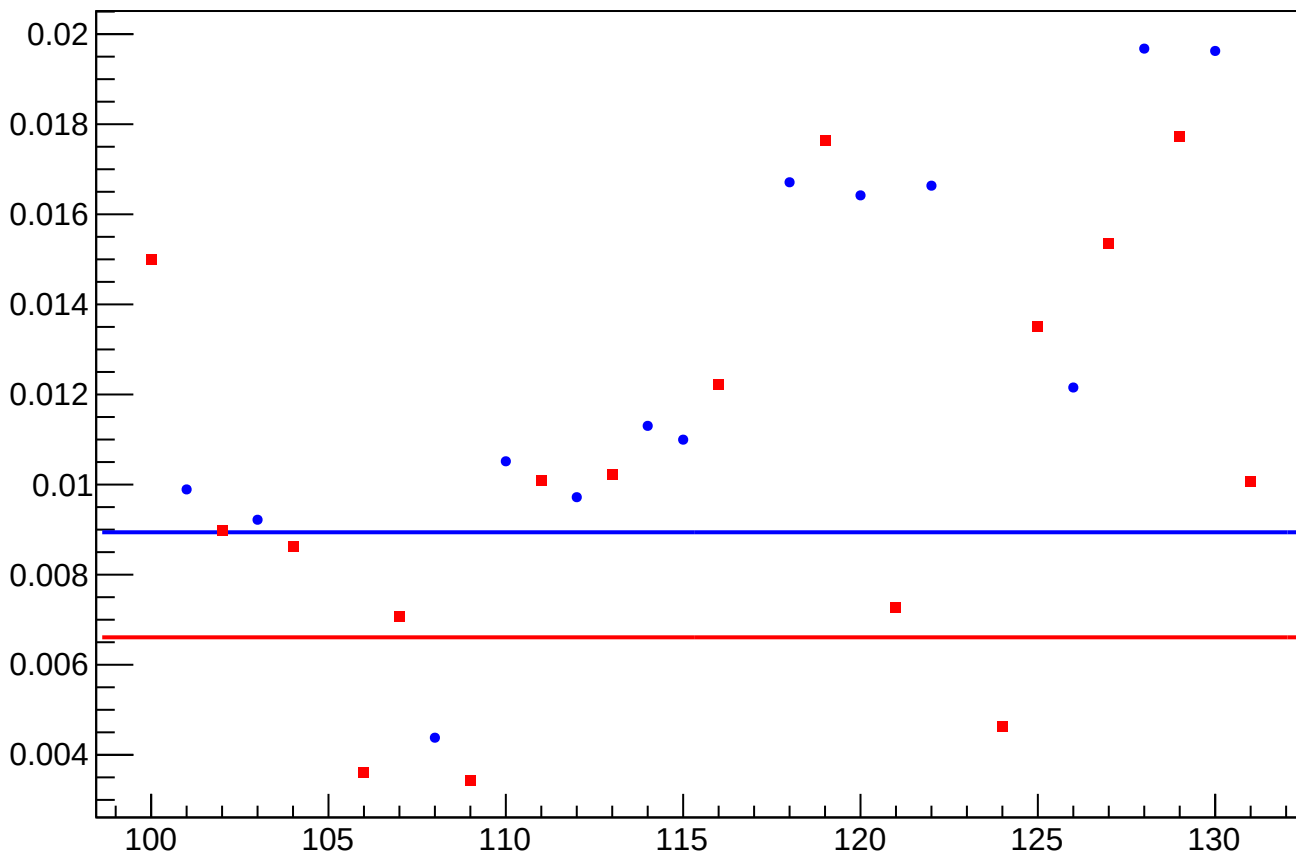
Right: -0.000+/-0.000 χ^2 /NDF: 26.9/28

In: -0.000+/-0.000 χ^2 /NDF:12.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.9/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000

χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 2821437.5/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 5295802.5/28

In: 0.009+/-0.000

χ^2/NDF : 2085354.6/12

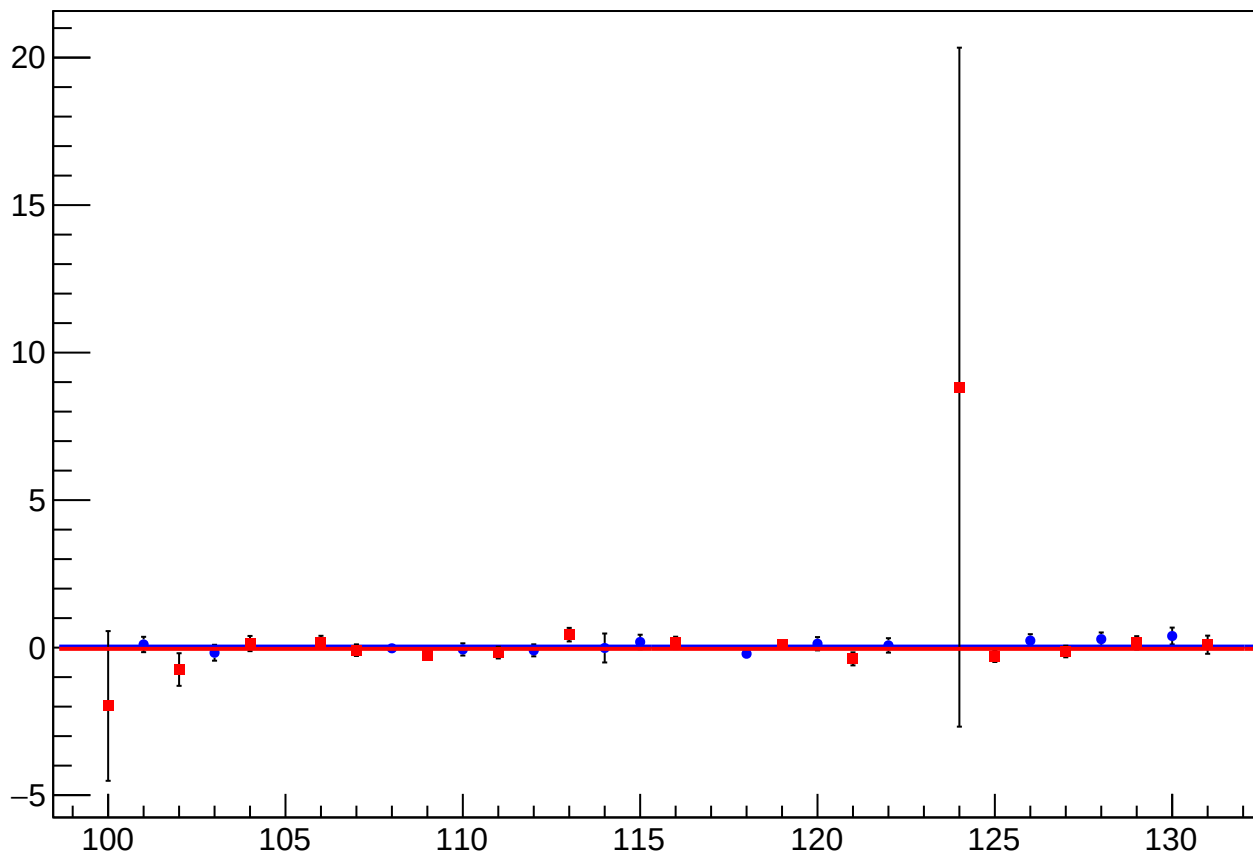
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 5295802.5/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

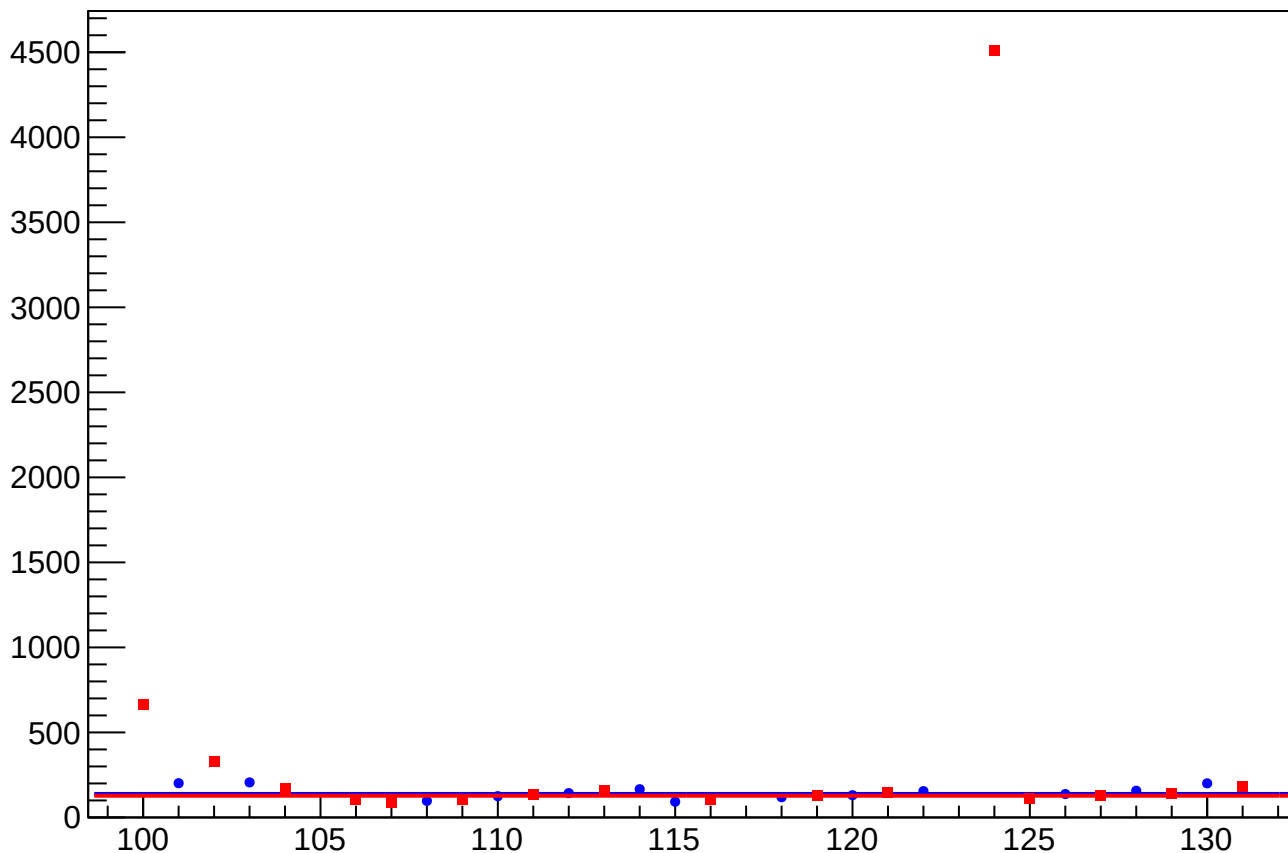
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

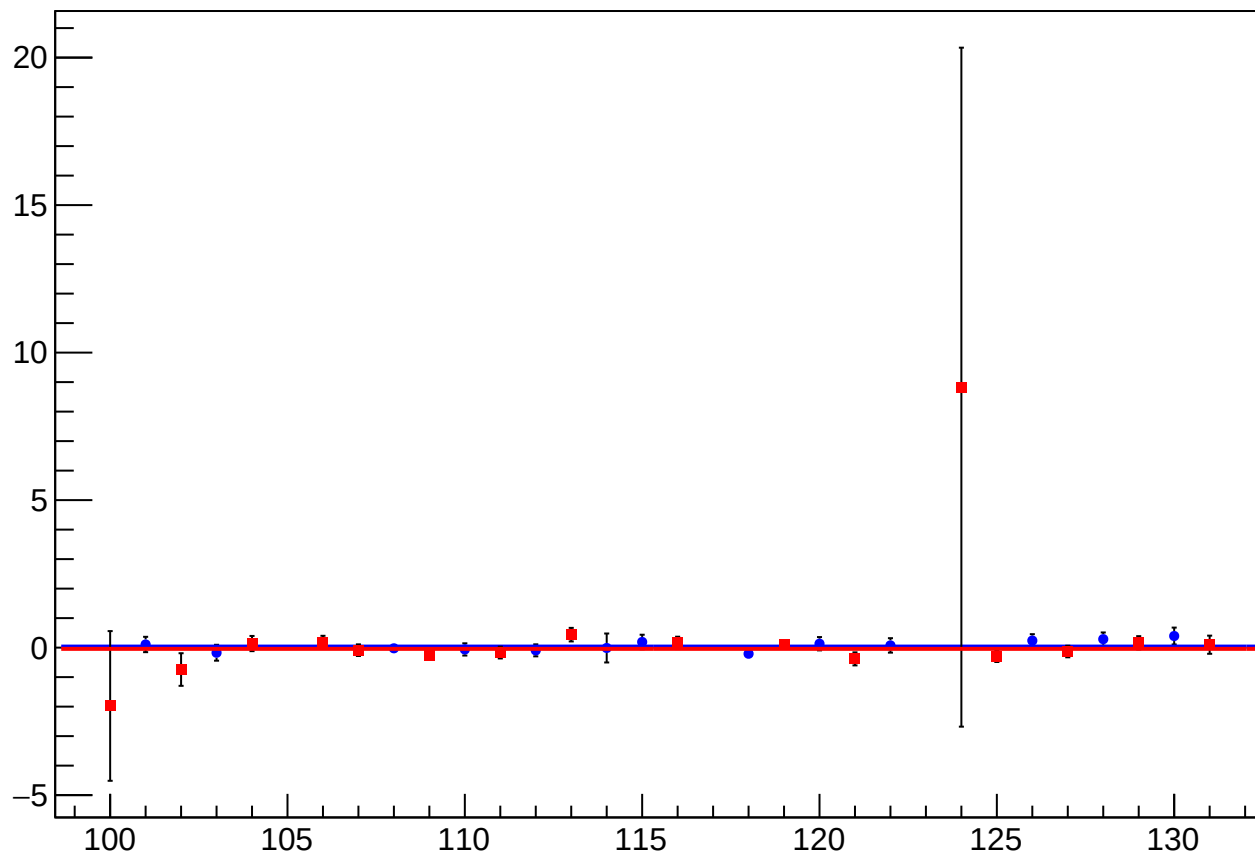
Right: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

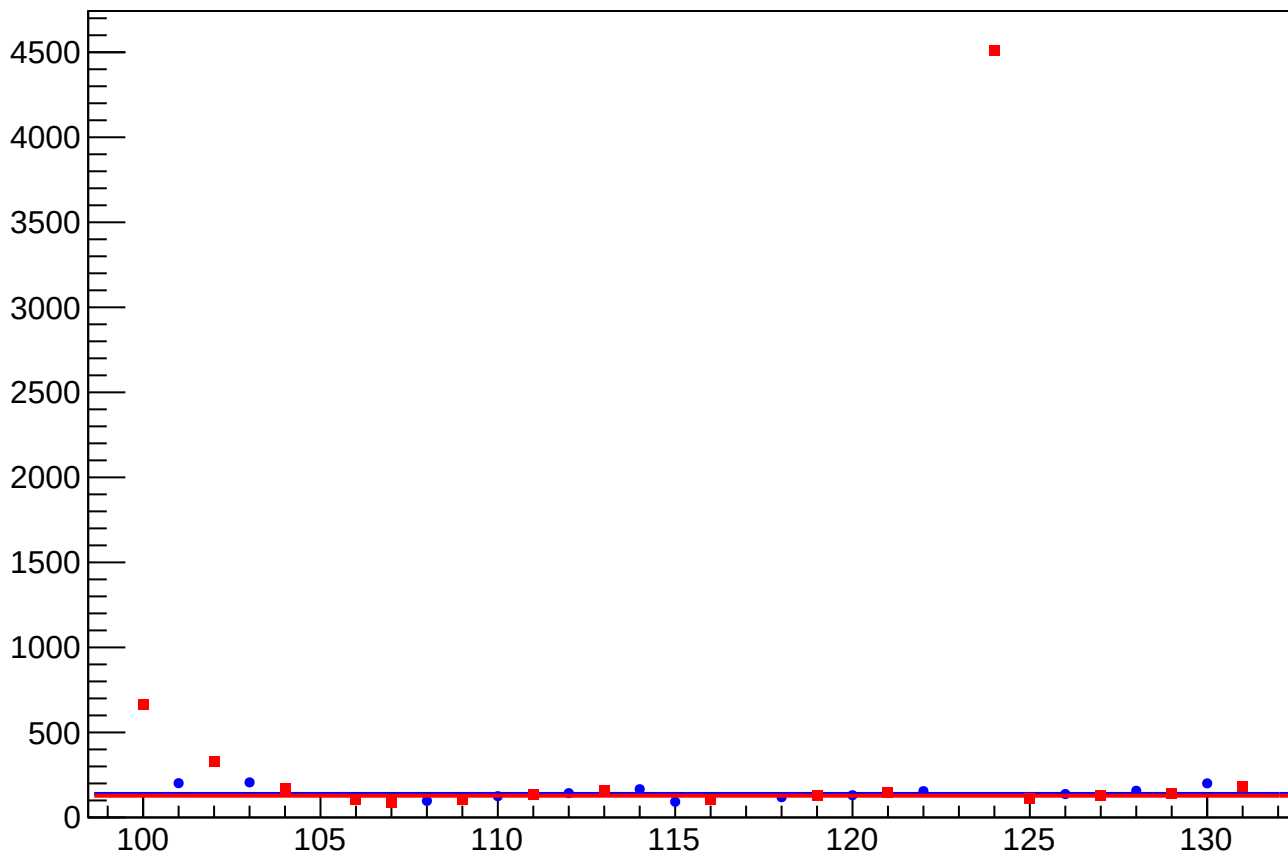
Right: -0.007+/-0.042 χ^2/NDF : 27.0/28

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.042 χ^2/NDF : 27.0/28

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

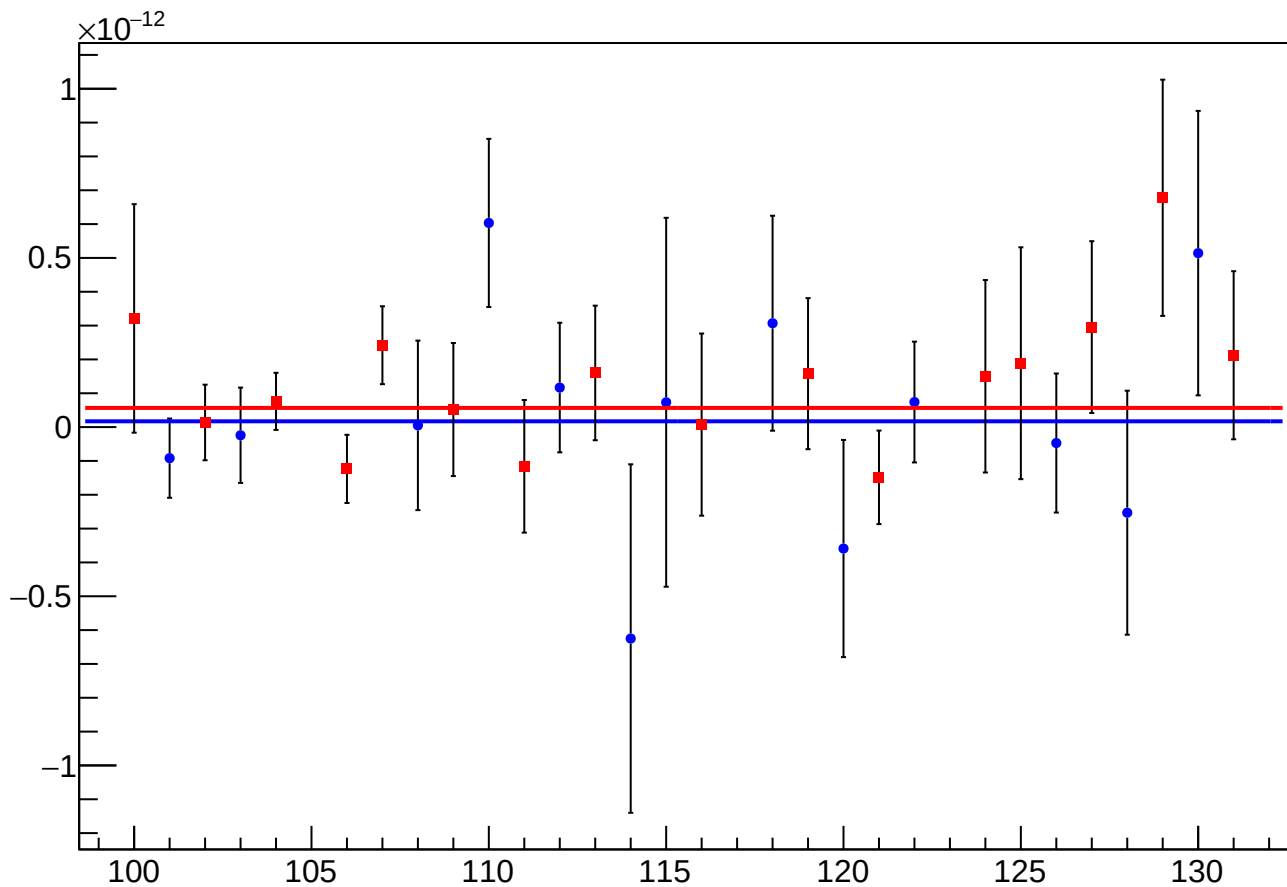
Right: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

In: 138.180+/-0.044 χ^2/NDF :607359.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

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 : 12.7/12

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

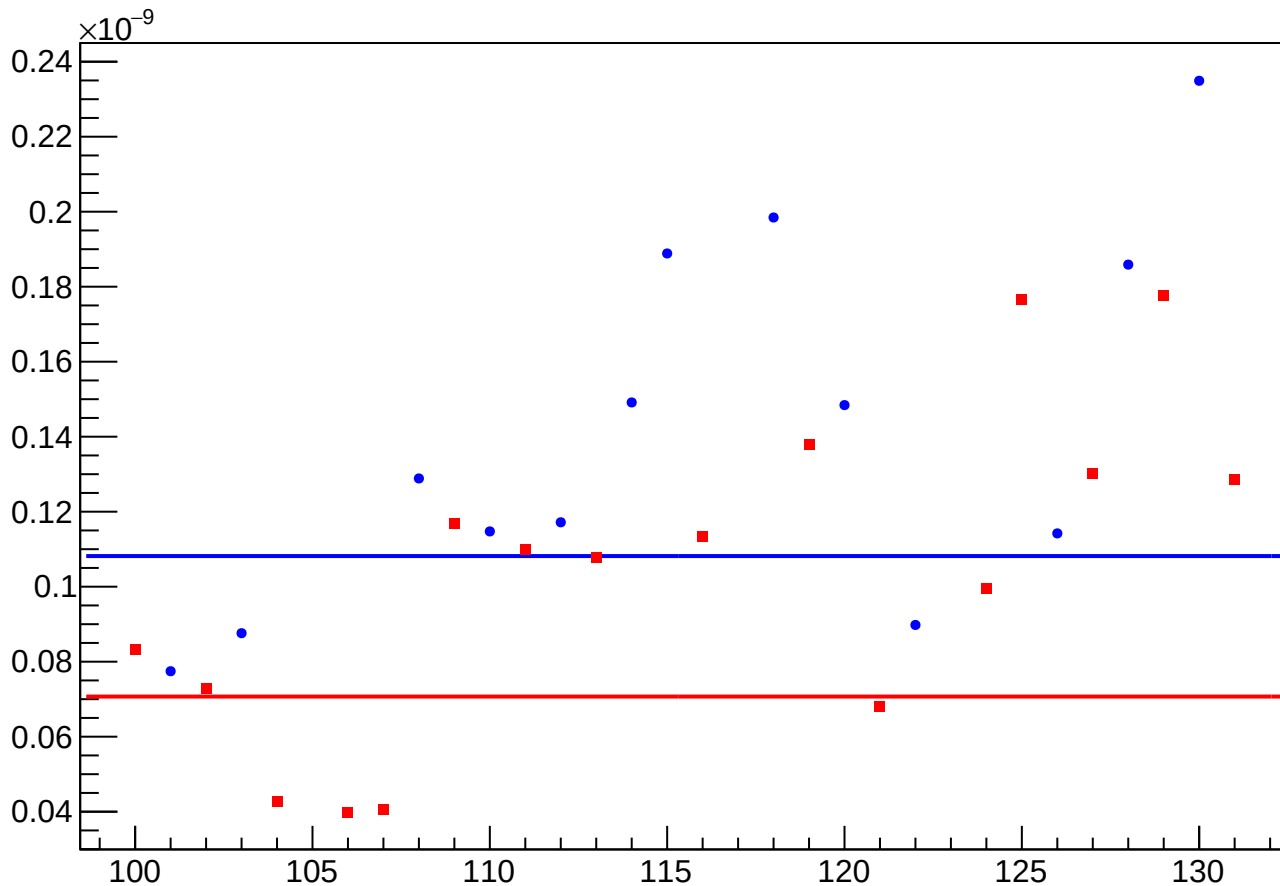
Right: 0.000+/-0.000 χ^2/NDF : 27.8/28

In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/28

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 : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

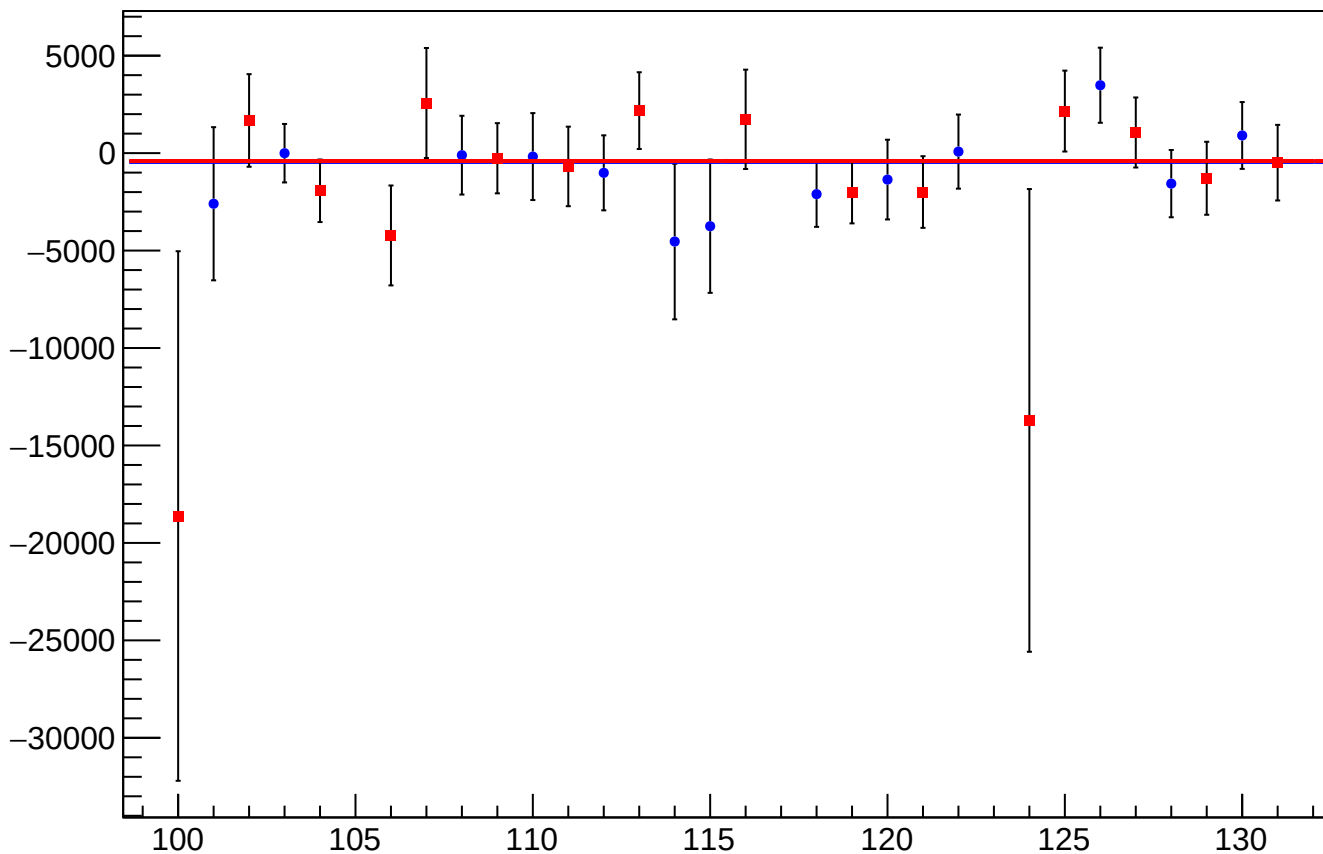
Right: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.382+/-526.730 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

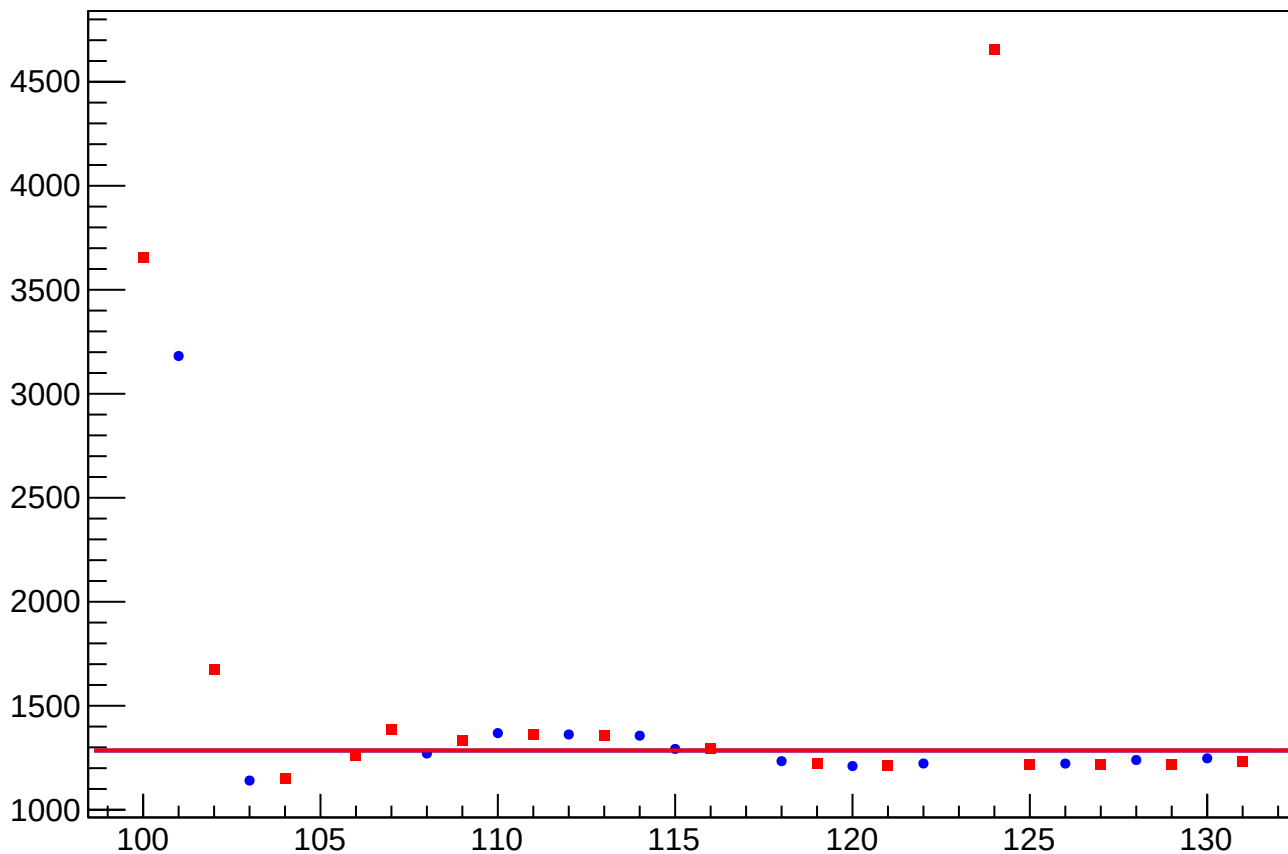
Right: -425.878+/-383.662 χ^2/NDF : 23.7/28

In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.878+/-383.662 χ^2/NDF : 23.7/28

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.314+/-0.372 χ^2/NDF : 315906.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

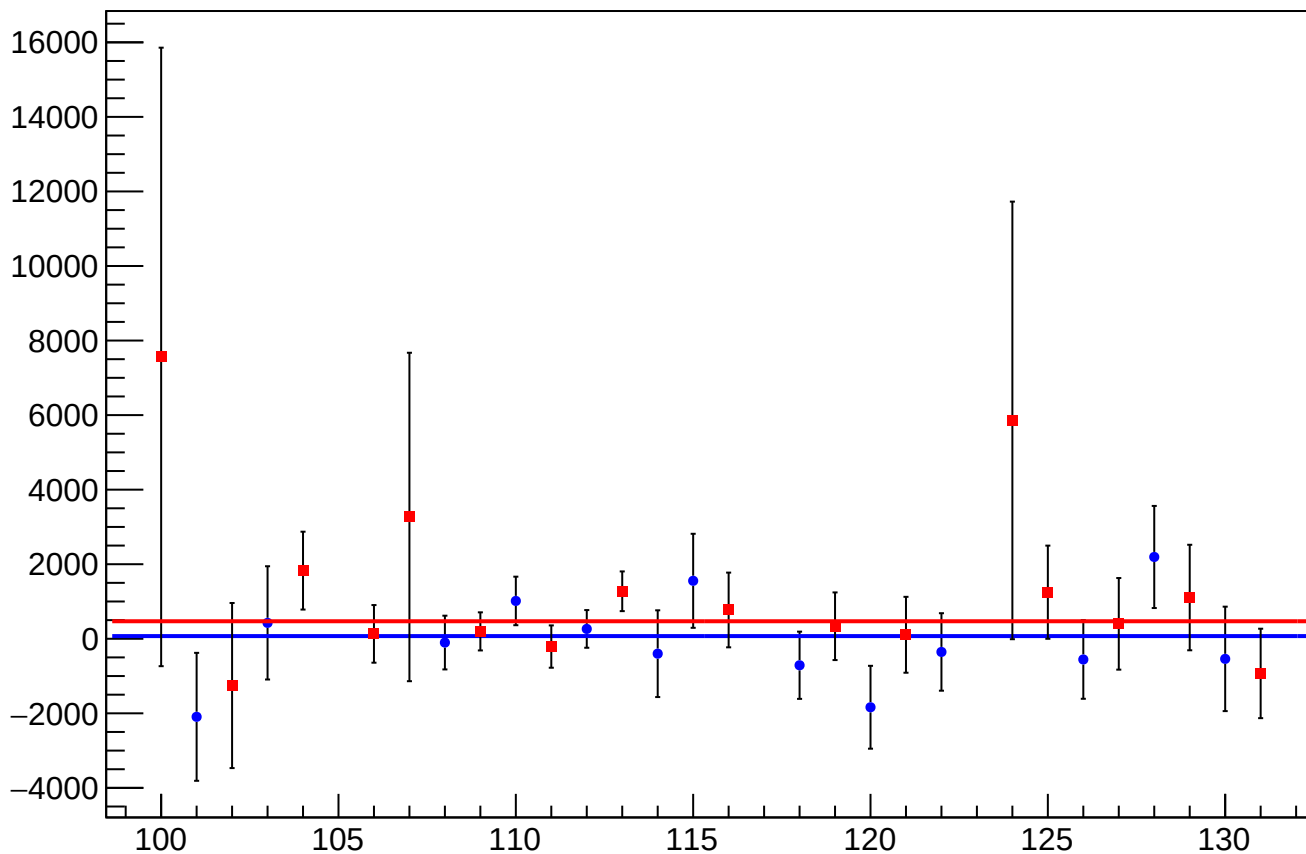
Right: 1285.049+/-0.271 χ^2/NDF : 818579.3/28

In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.049+/-0.271 χ^2/NDF : 818579.3/28

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.896+/-229.301 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

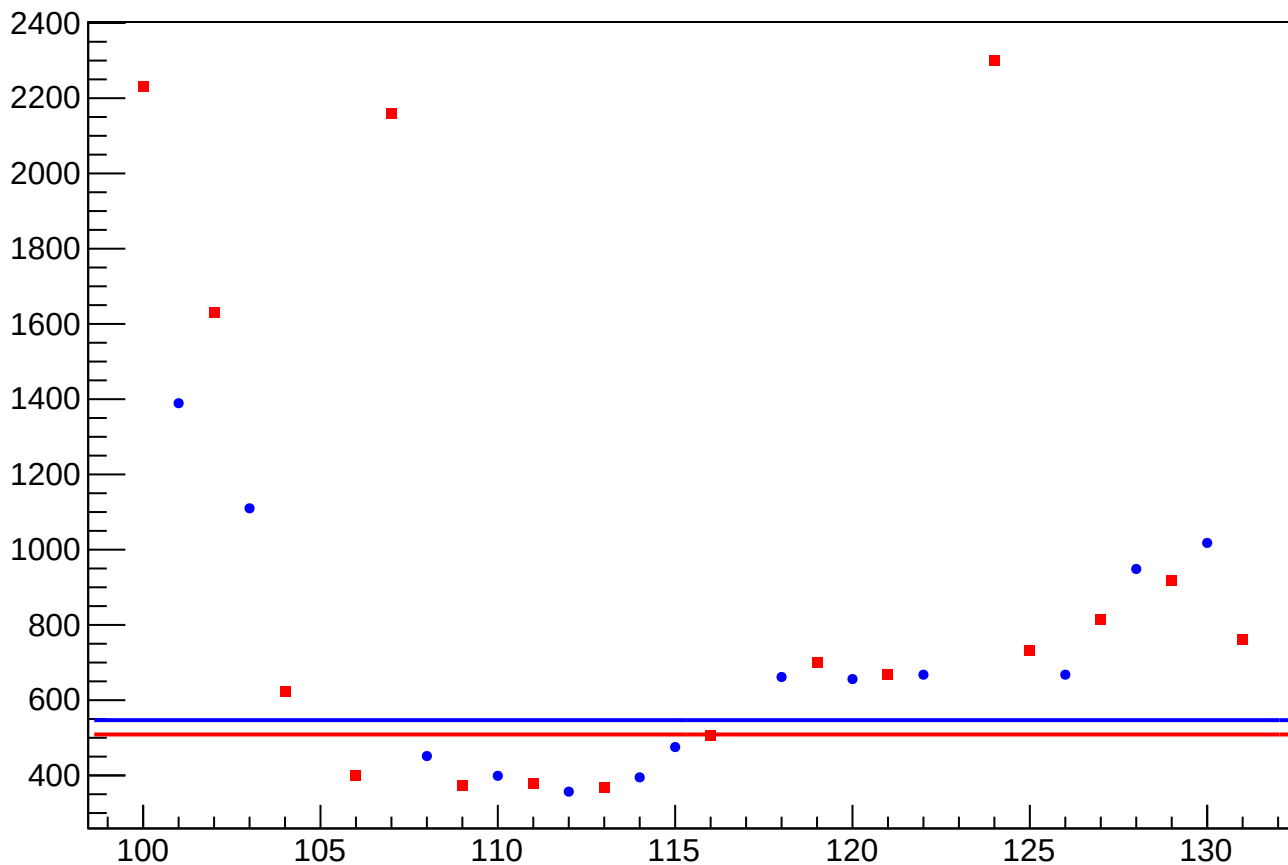
Right: 292.785+/-170.836 χ^2/NDF : 24.3/28

In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.785+/-170.836 χ^2/NDF : 24.3/28

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.830+/-0.162 χ^2/NDF : 2097413.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

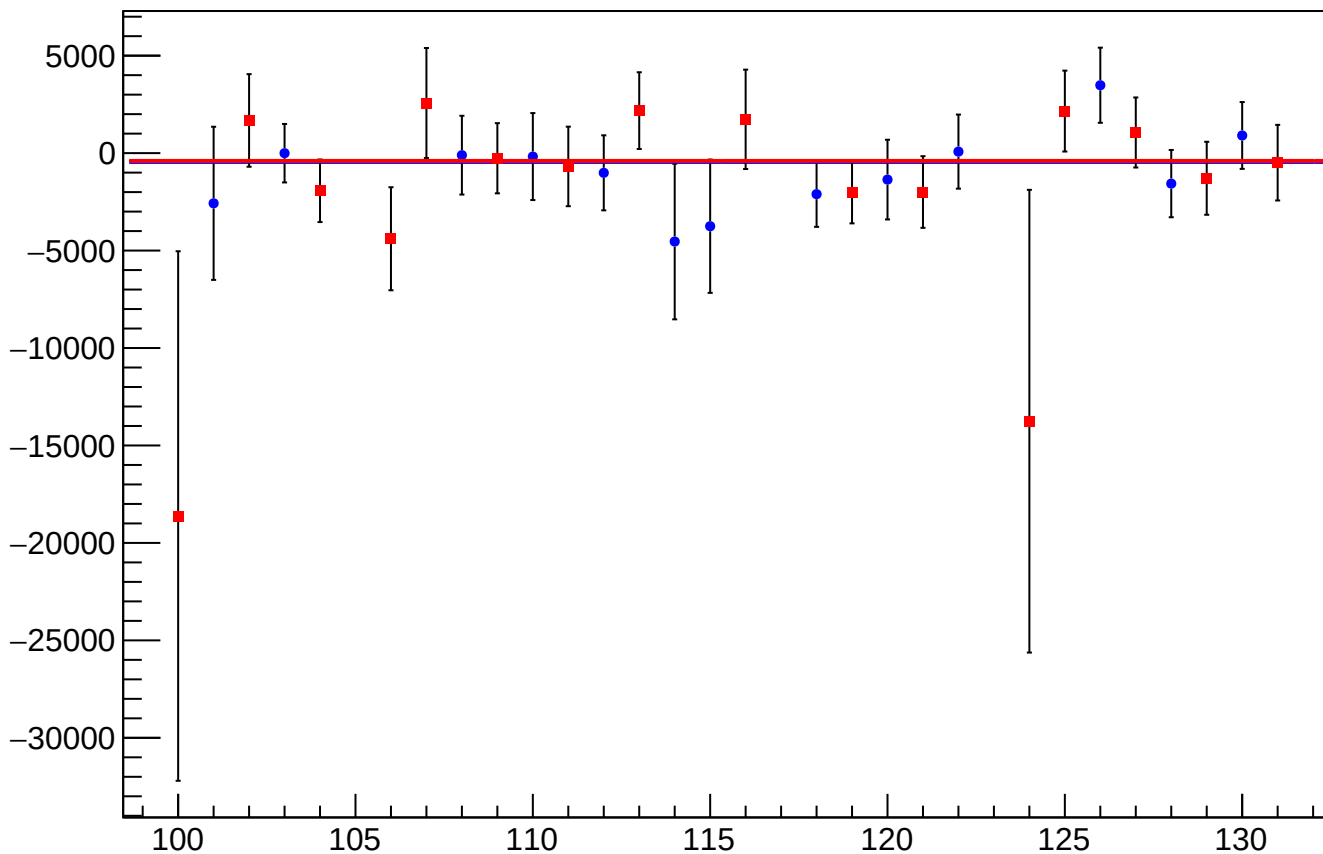
Right: 525.778+/-0.121 χ^2/NDF : 3843646.5/28

In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.778+/-0.121 χ^2/NDF : 3843646.5/28

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

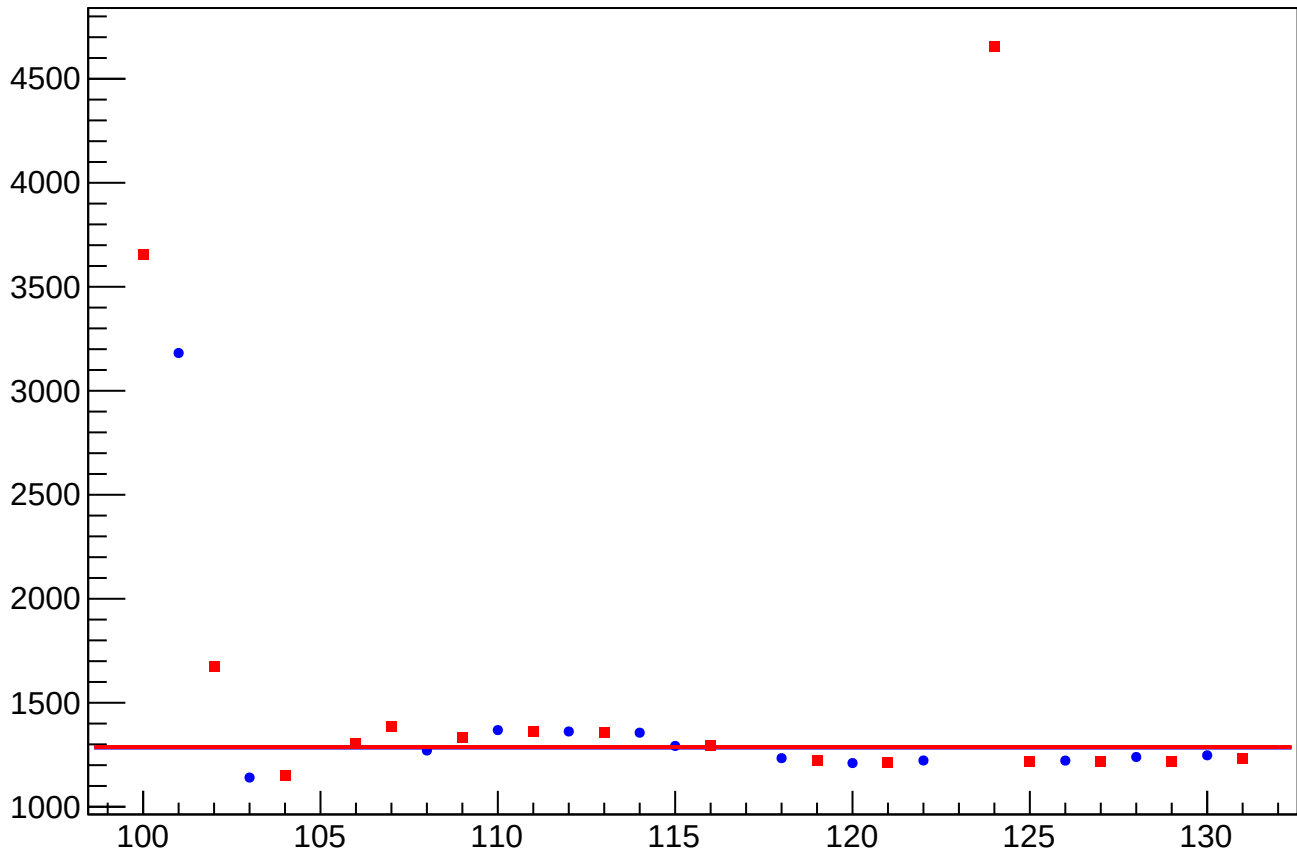
Right: -424.168+/-383.920 χ^2/NDF : 23.7/28

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.168+/-383.920 χ^2/NDF : 23.7/28

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.749 $\pm$ 0.396 χ^2 /NDF: 502673.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1286.993 $\pm$ 0.373 χ^2 /NDF: 315834.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

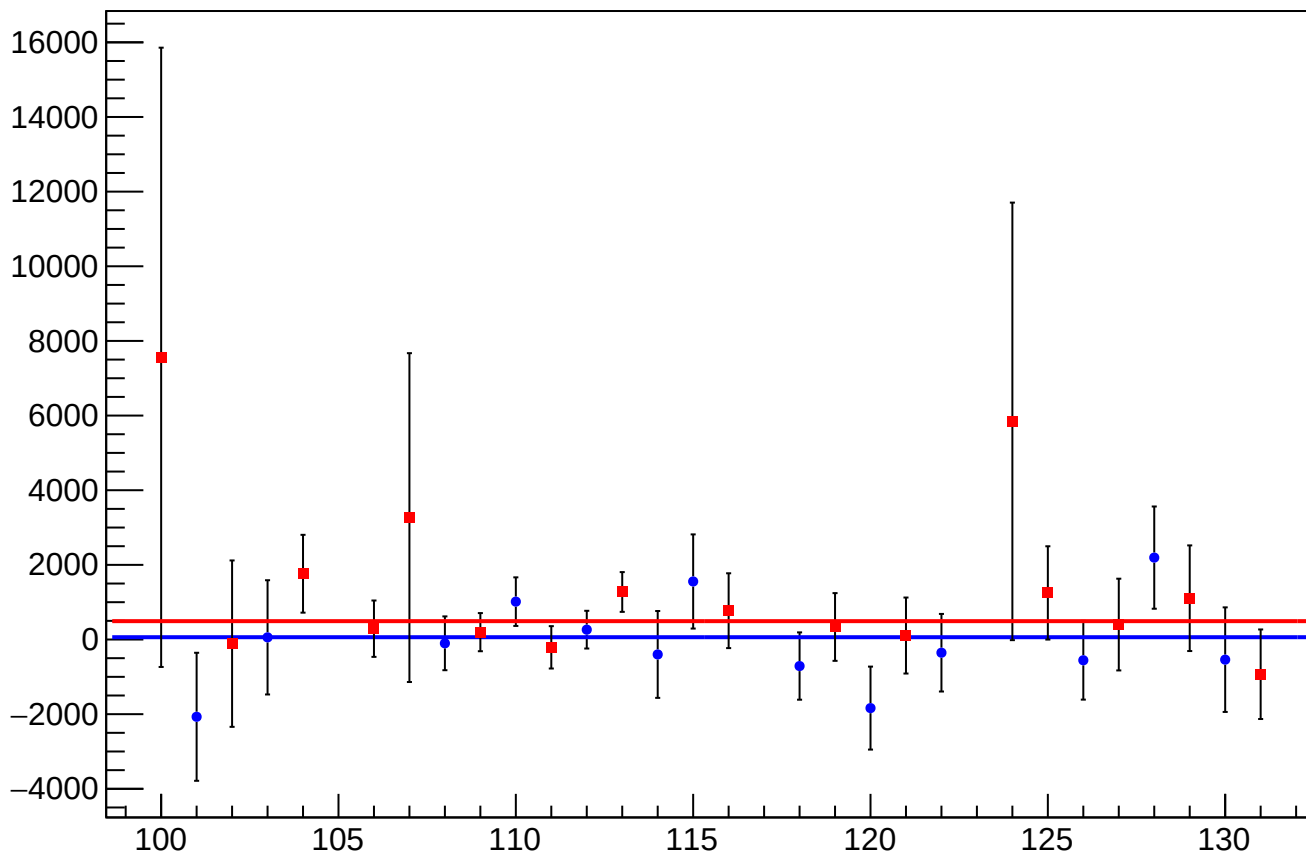
Right: 1285.938 $\pm$ 0.271 χ^2 /NDF: 818524.7/28

In: 1284.749 $\pm$ 0.396 χ^2 /NDF:502673.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1285.938 $\pm$ 0.271 χ^2 /NDF: 818524.7/28

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

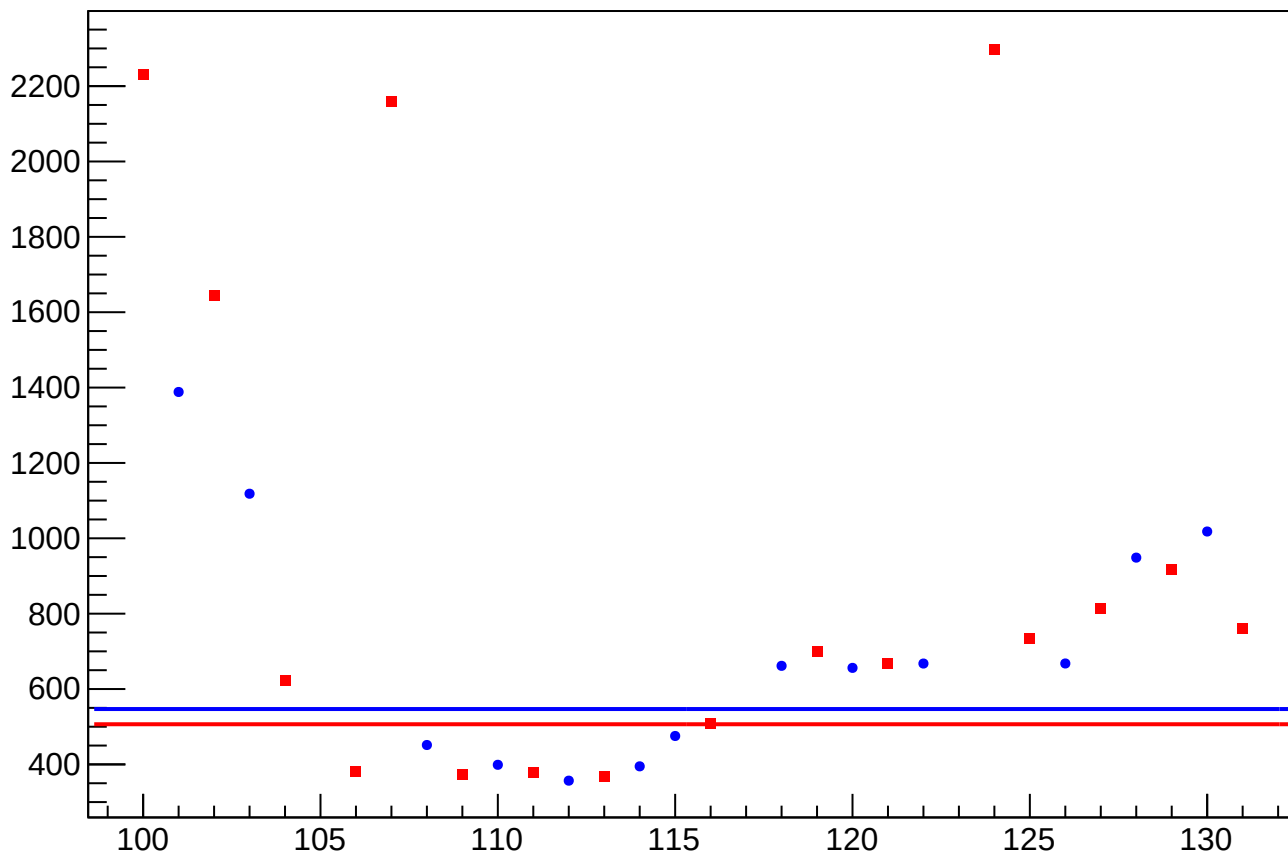
Right: 301.248+/-170.646 χ^2/NDF : 23.6/28

In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.248+/-170.646 χ^2/NDF : 23.6/28

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

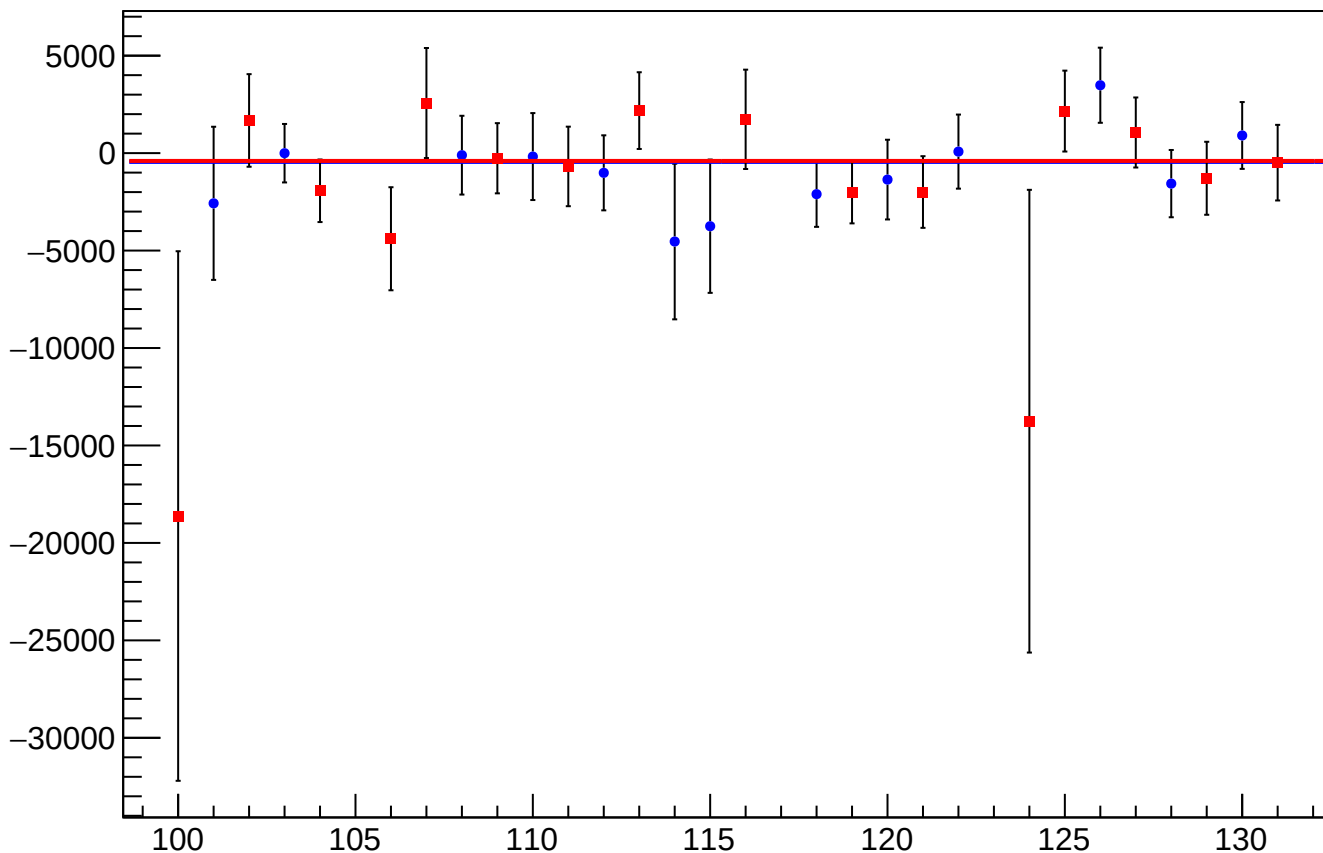
Right: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

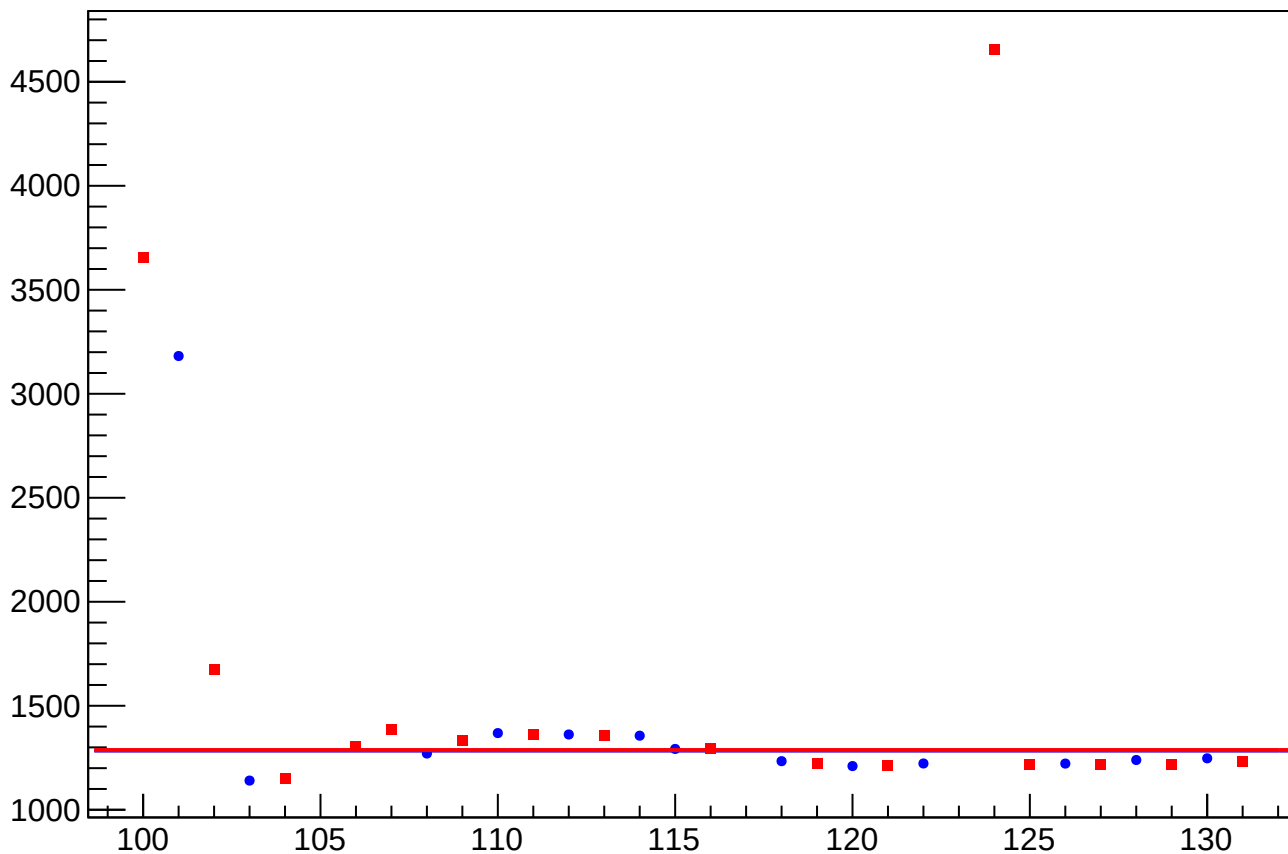
Right: -424.168+/-383.920 χ^2/NDF : 23.7/28

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.168+/-383.920 χ^2/NDF : 23.7/28

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

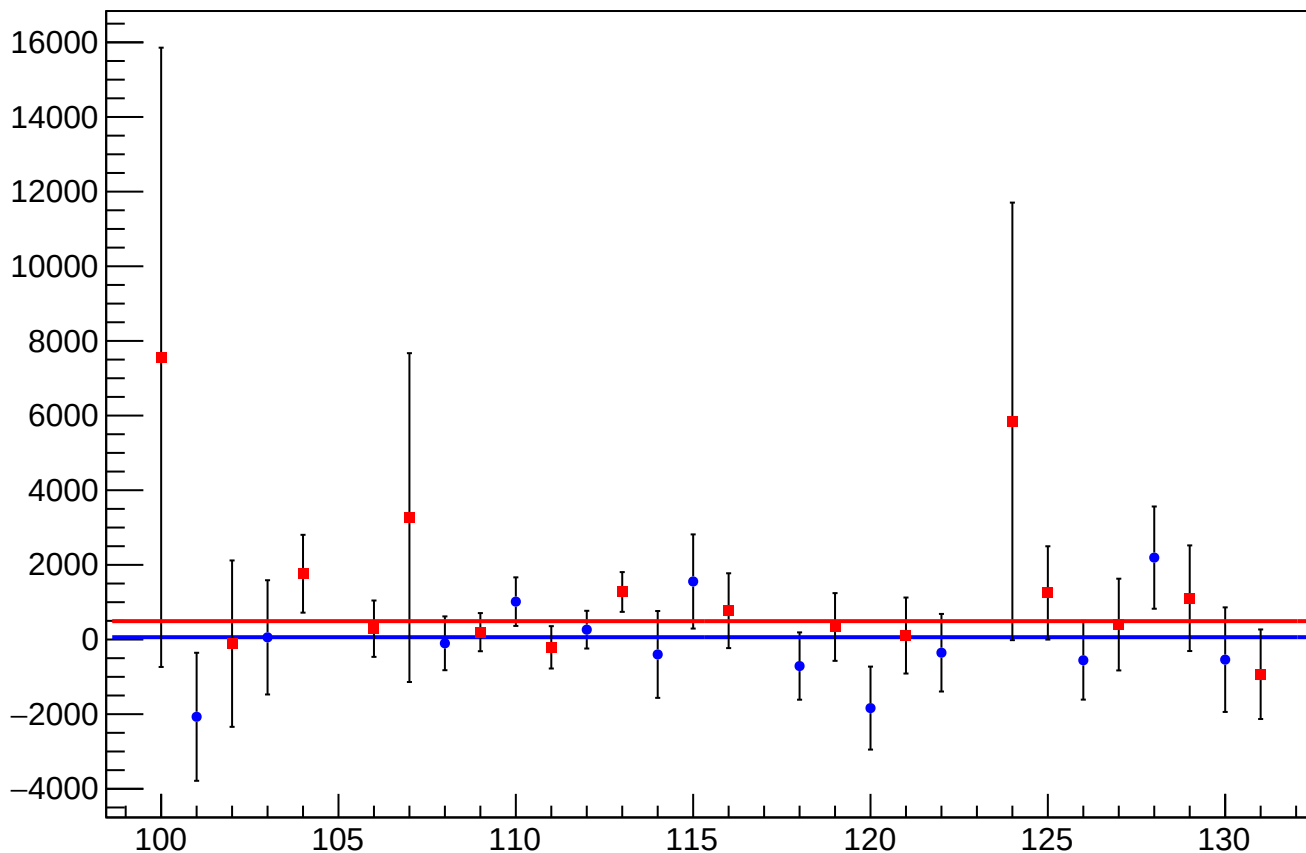
Right: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908 $\pm$ 256.164 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 492.197 $\pm$ 228.807 χ^2 /NDF: 9.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

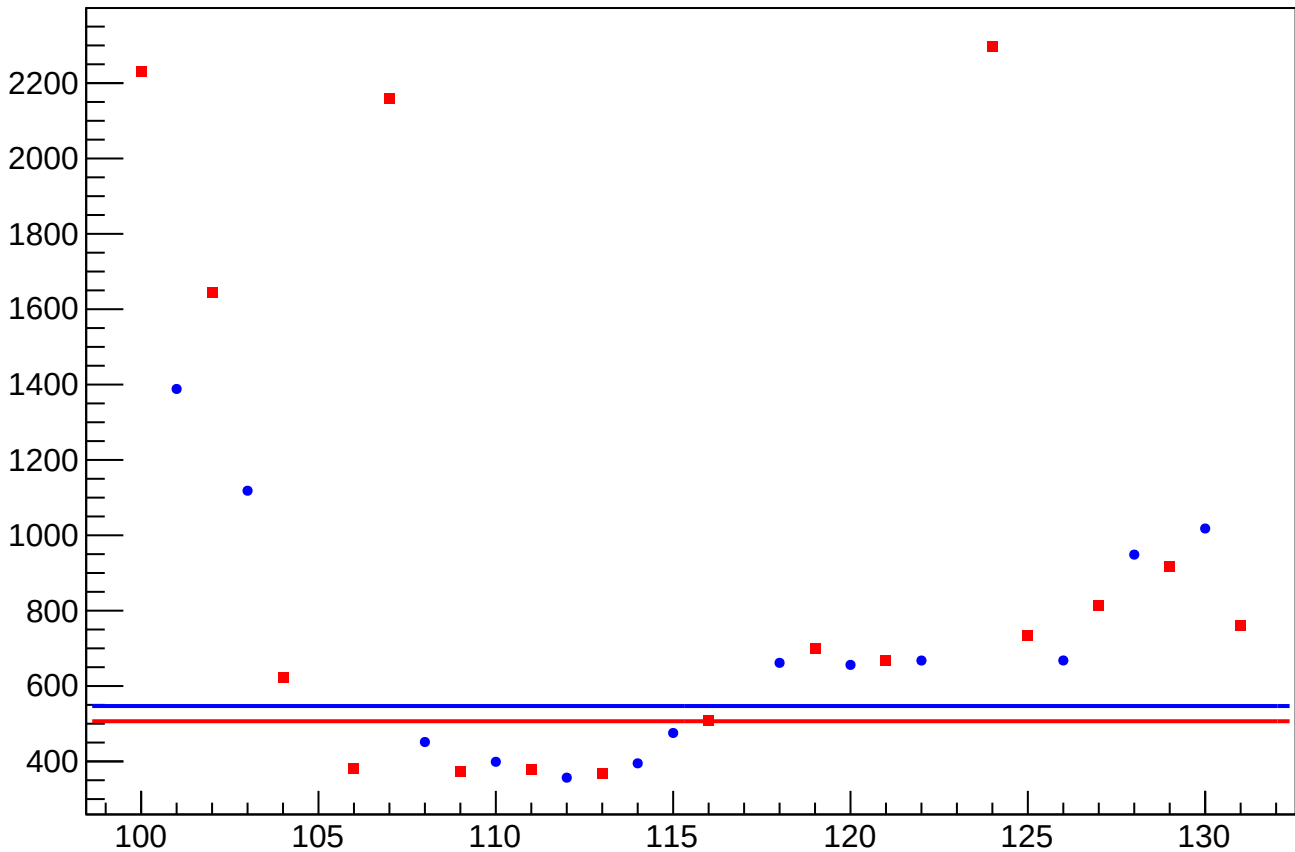
Right: 301.248 $\pm$ 170.646 χ^2 /NDF: 23.6/28

In: 61.908 $\pm$ 256.164 χ^2 /NDF:12.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 301.248 $\pm$ 170.646 χ^2 /NDF: 23.6/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

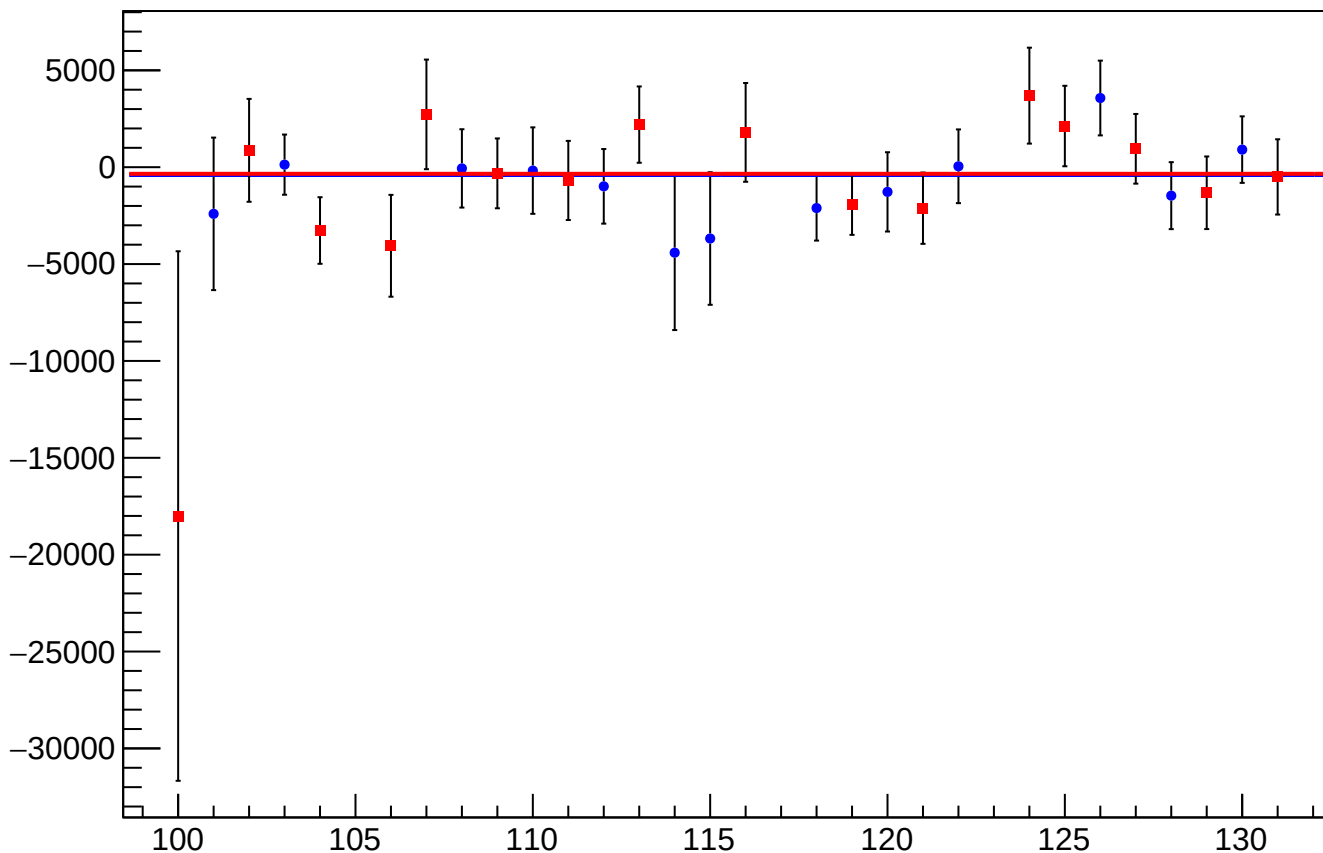
Right: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

In: 546.929+/-0.181 χ^2/NDF :1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -403.040 ± 563.051 χ^2/NDF : 8.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -341.558 ± 522.512 χ^2/NDF : 17.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

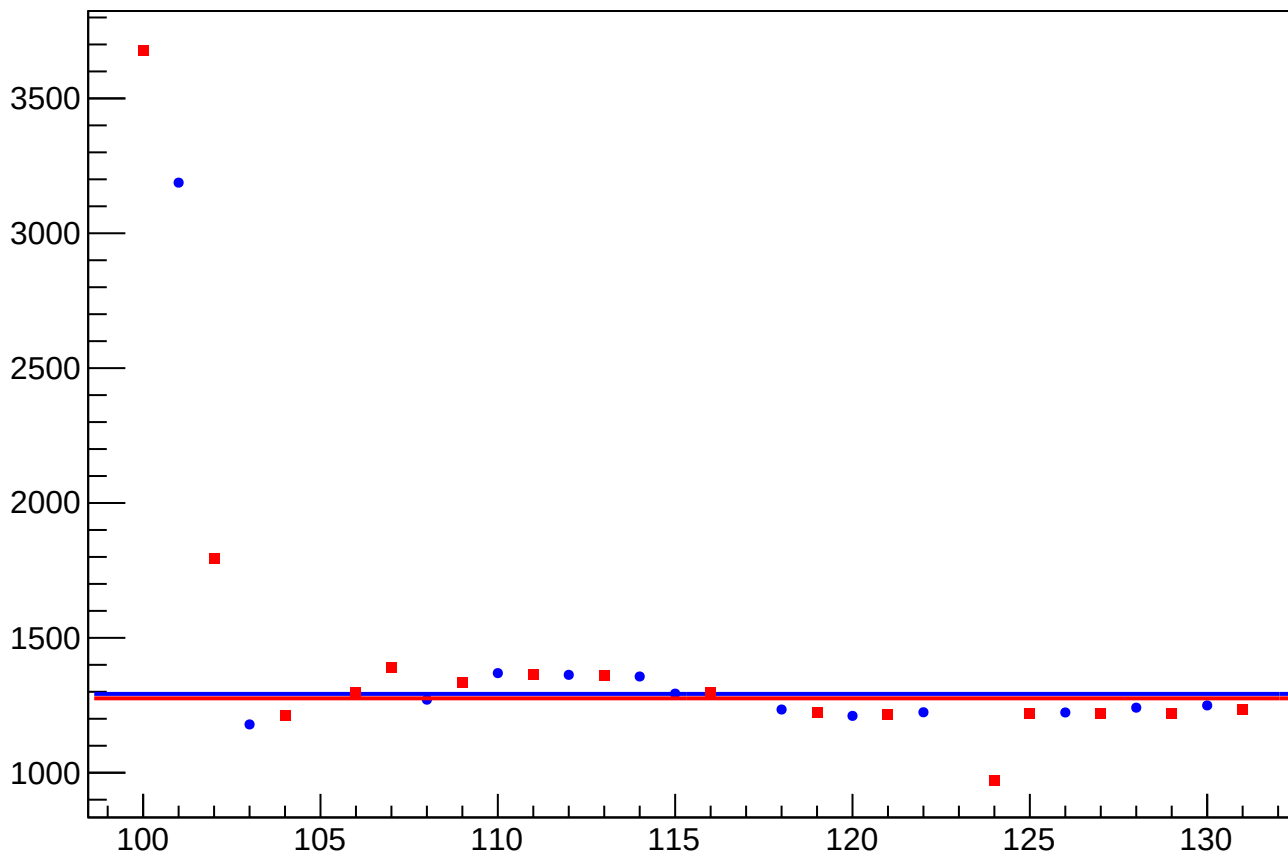
Right: -370.007 ± 383.002 χ^2/NDF : 26.0/28

In: -403.040 ± 563.051 χ^2/NDF : 8.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -370.007 ± 383.002 χ^2/NDF : 26.0/28

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

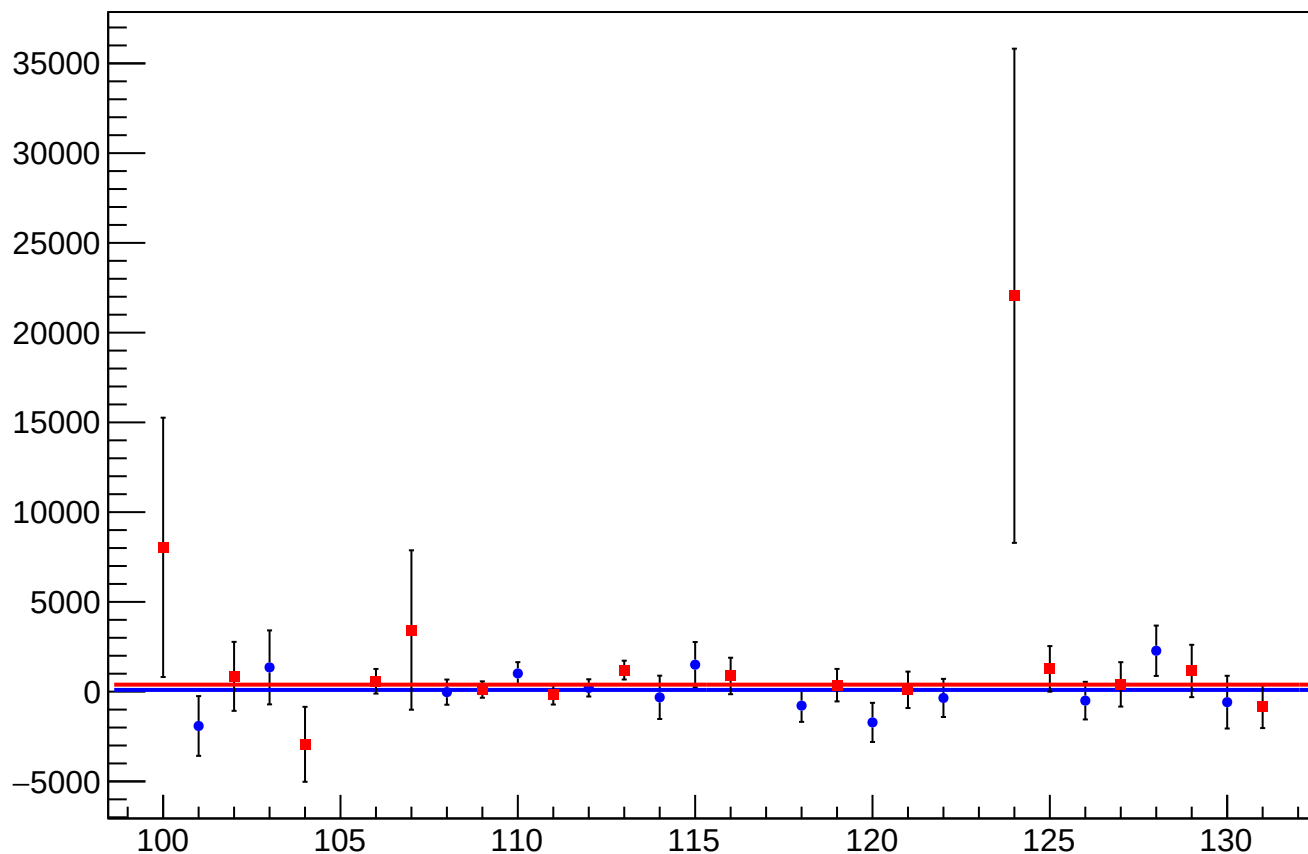
Right: 1283.391+/-0.271 χ^2/NDF : 689299.3/28

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.3/28

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.926+/-222.217 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

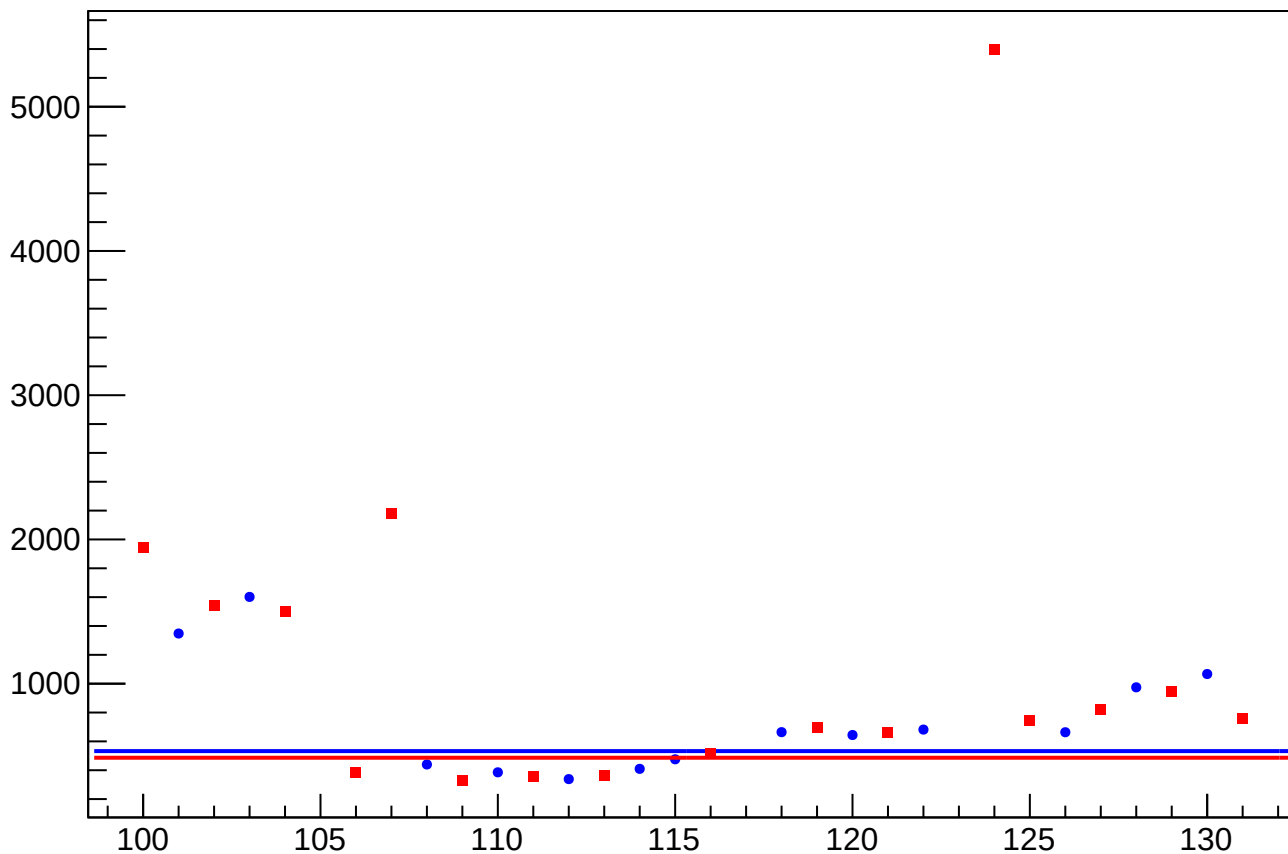
Right: 261.731+/-166.910 χ^2/NDF : 25.8/28

In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.731+/-166.910 χ^2/NDF : 25.8/28

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.634+/-0.157 χ^2/NDF : 2922315.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

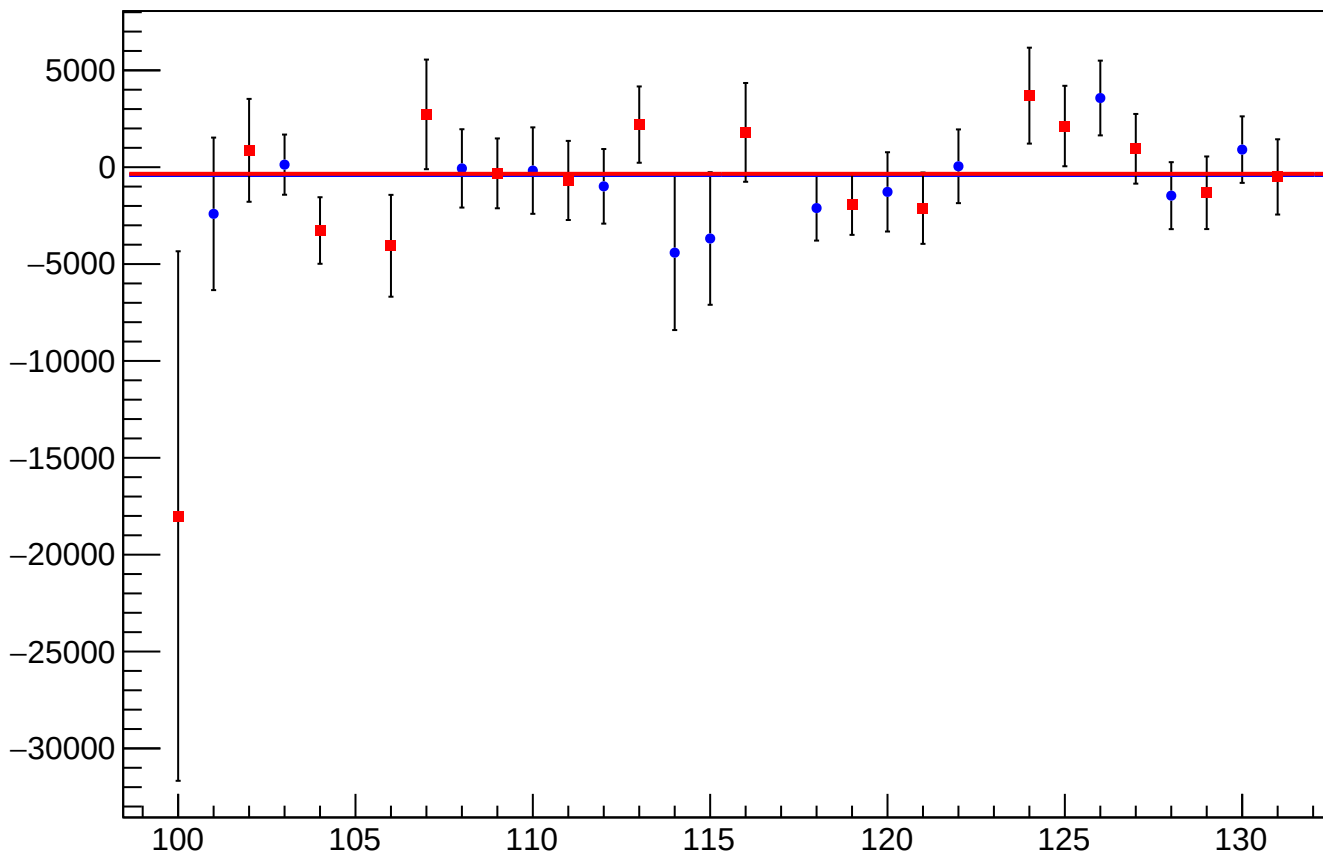
Right: 506.661+/-0.118 χ^2/NDF : 5071364.0/28

In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.661+/-0.118 χ^2/NDF : 5071364.0/28

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.559+/-522.512 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

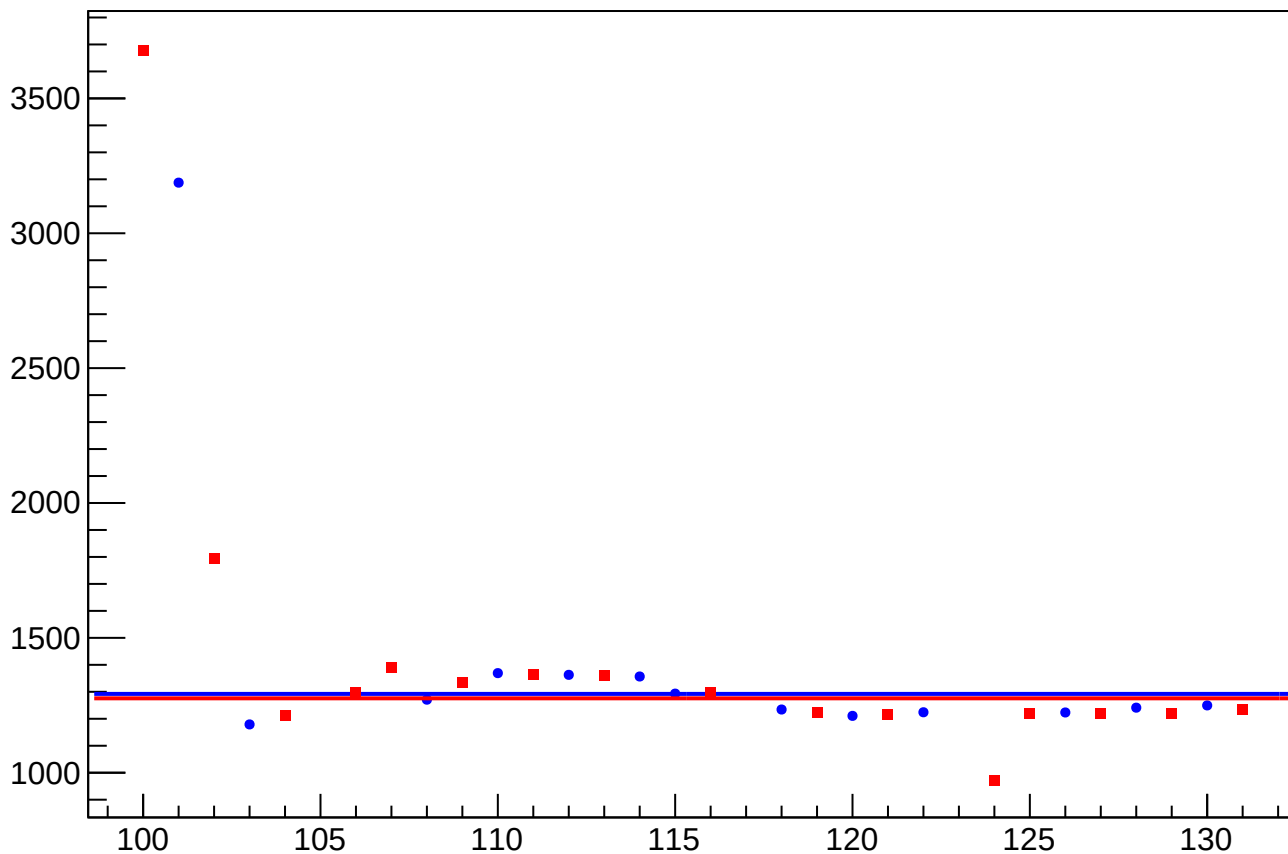
Right: -370.007+/-383.002 χ^2/NDF : 26.0/28

In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.007+/-383.002 χ^2/NDF : 26.0/28

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

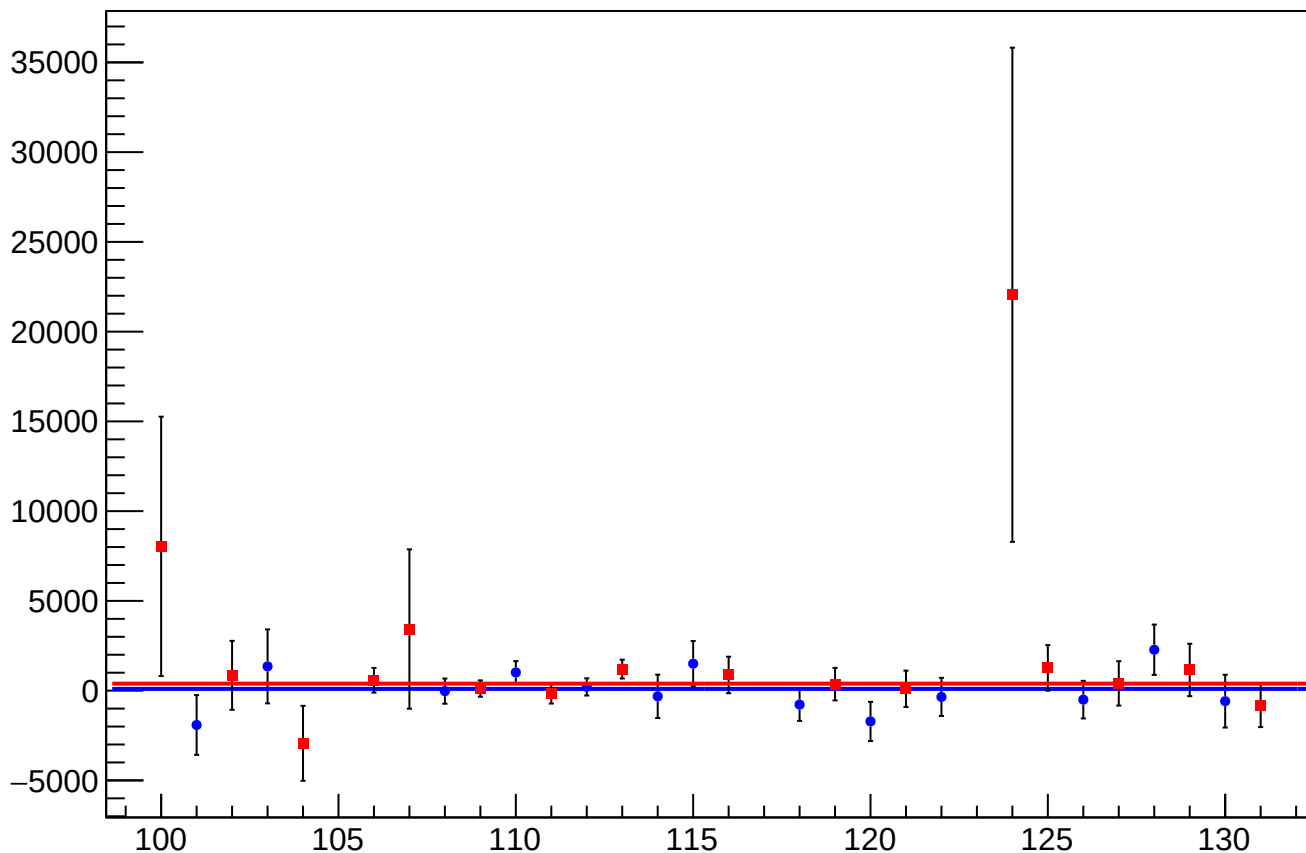
Right: 1283.391+/-0.271 χ^2/NDF : 689299.6/28

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.6/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.925+/-222.216 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

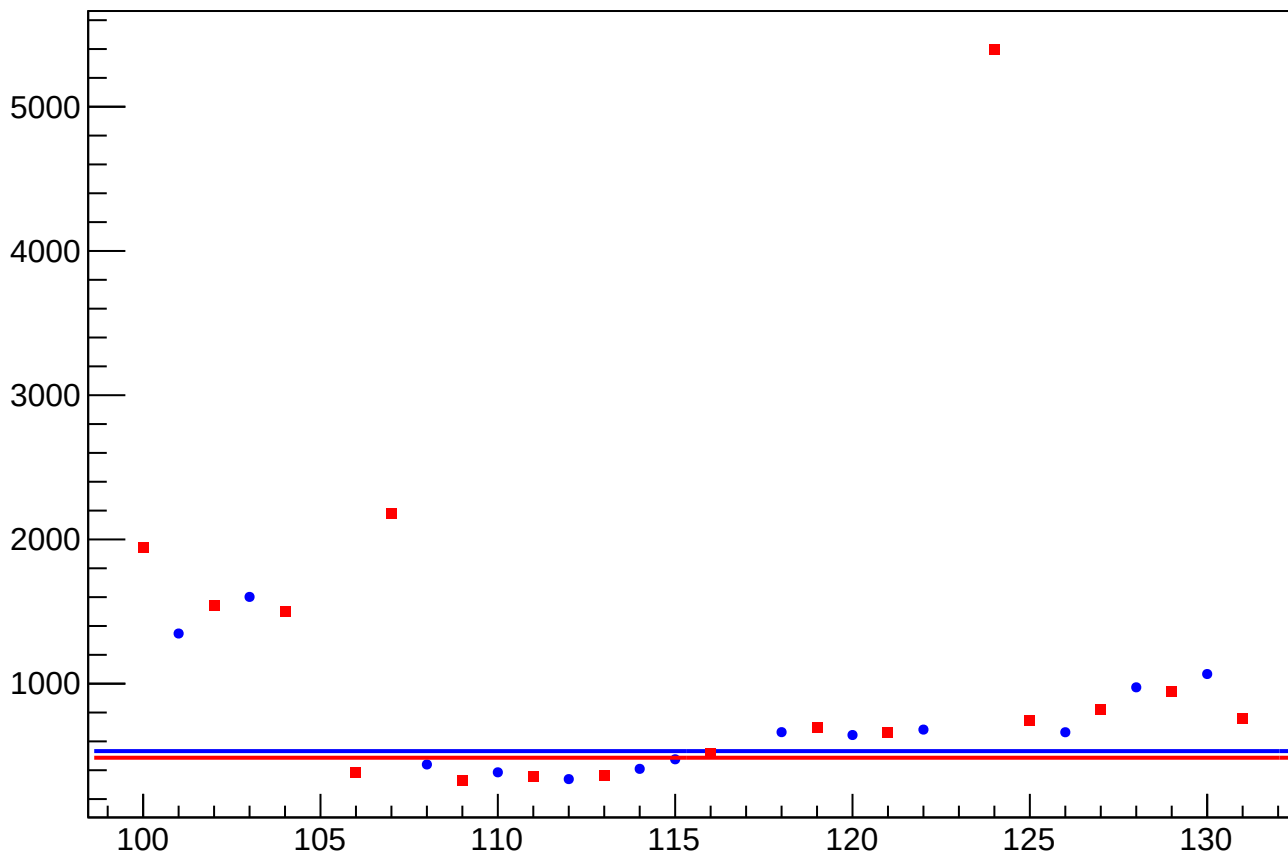
Right: 261.730+/-166.909 χ^2/NDF : 25.8/28

In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.730+/-166.909 χ^2/NDF : 25.8/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.633+/-0.157 χ^2/NDF : 2922321.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

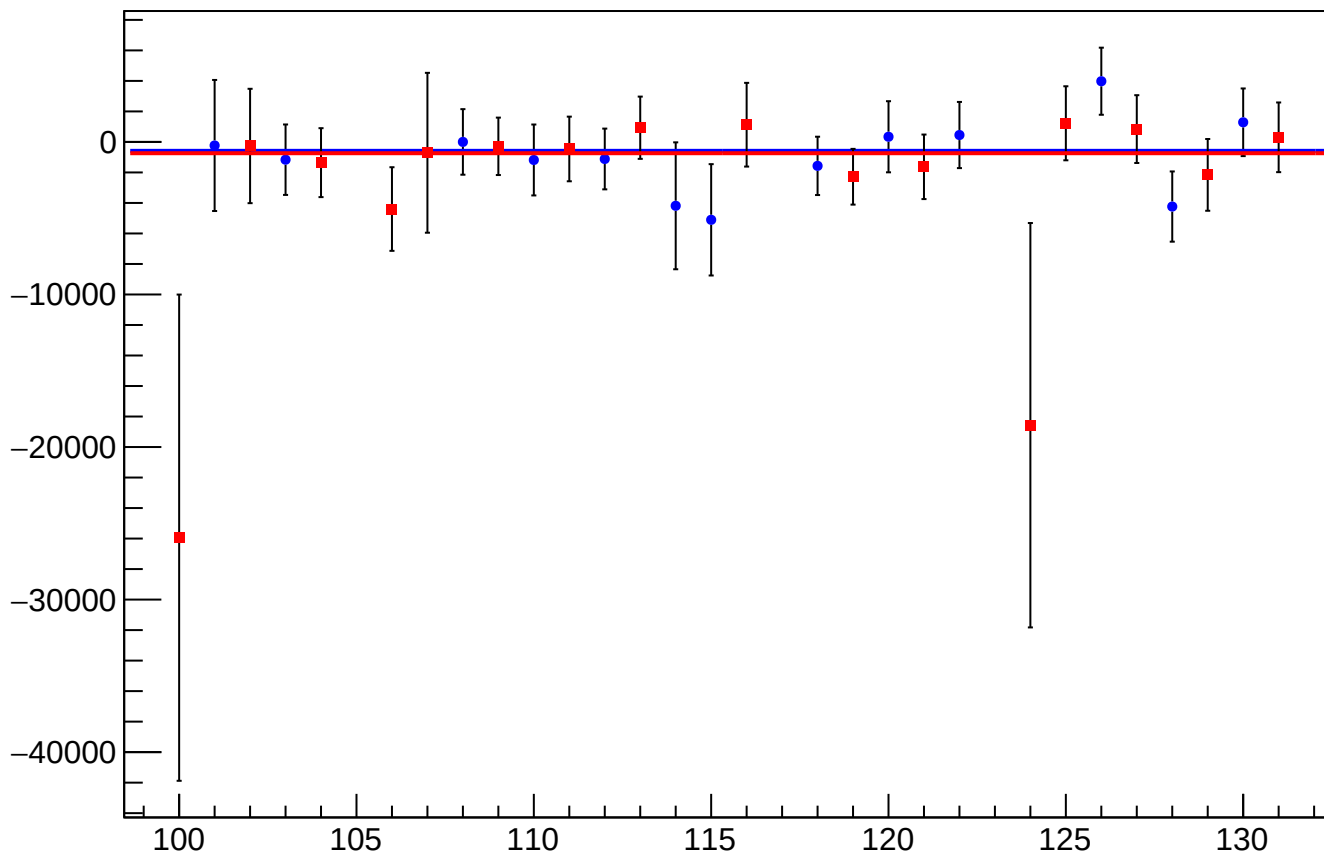
Right: 506.659+/-0.118 χ^2/NDF : 5071372.8/28

In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.659+/-0.118 χ^2/NDF : 5071372.8/28

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -739.642+/-621.070 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

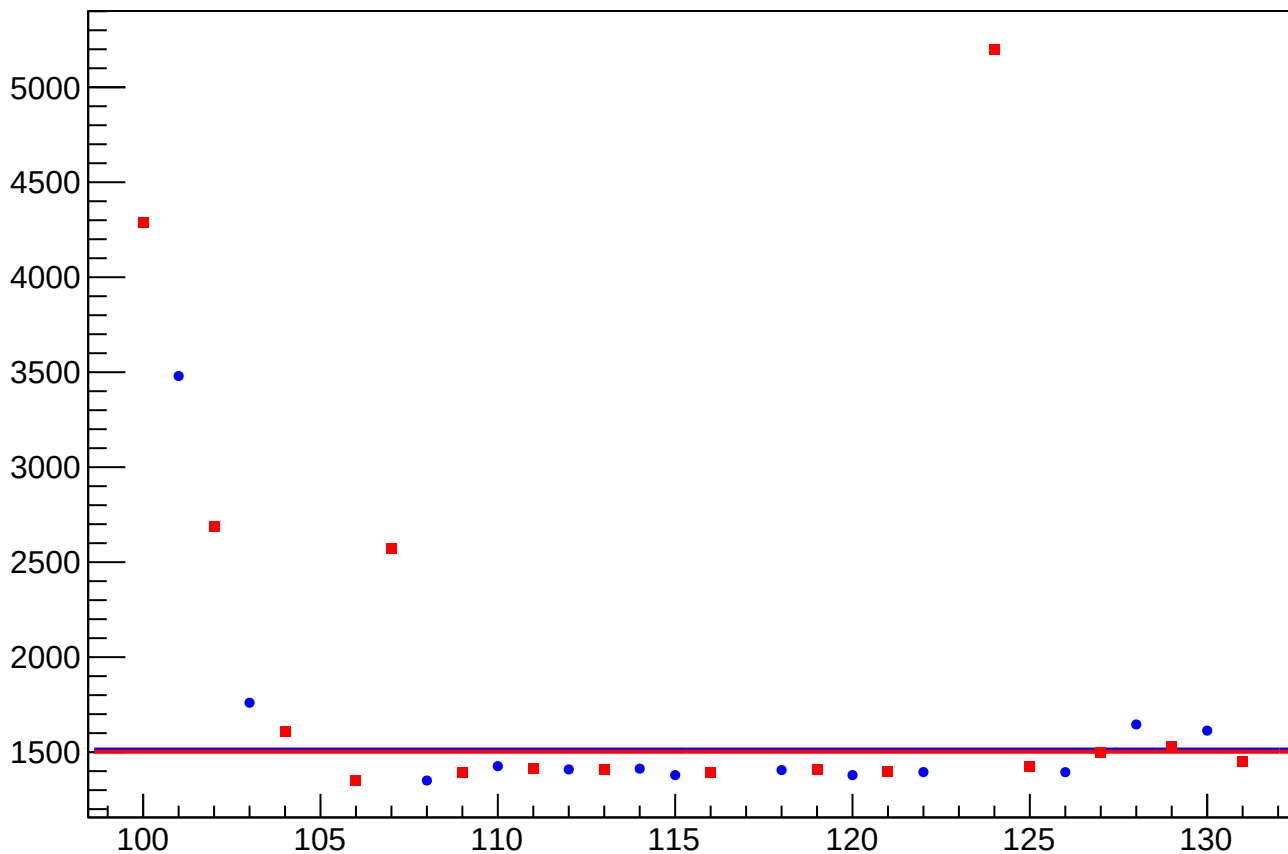
Right: -666.672+/-452.203 χ^2/NDF : 20.8/28

In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -666.672+/-452.203 χ^2/NDF : 20.8/28

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.206+/-0.439 χ^2/NDF : 540886.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

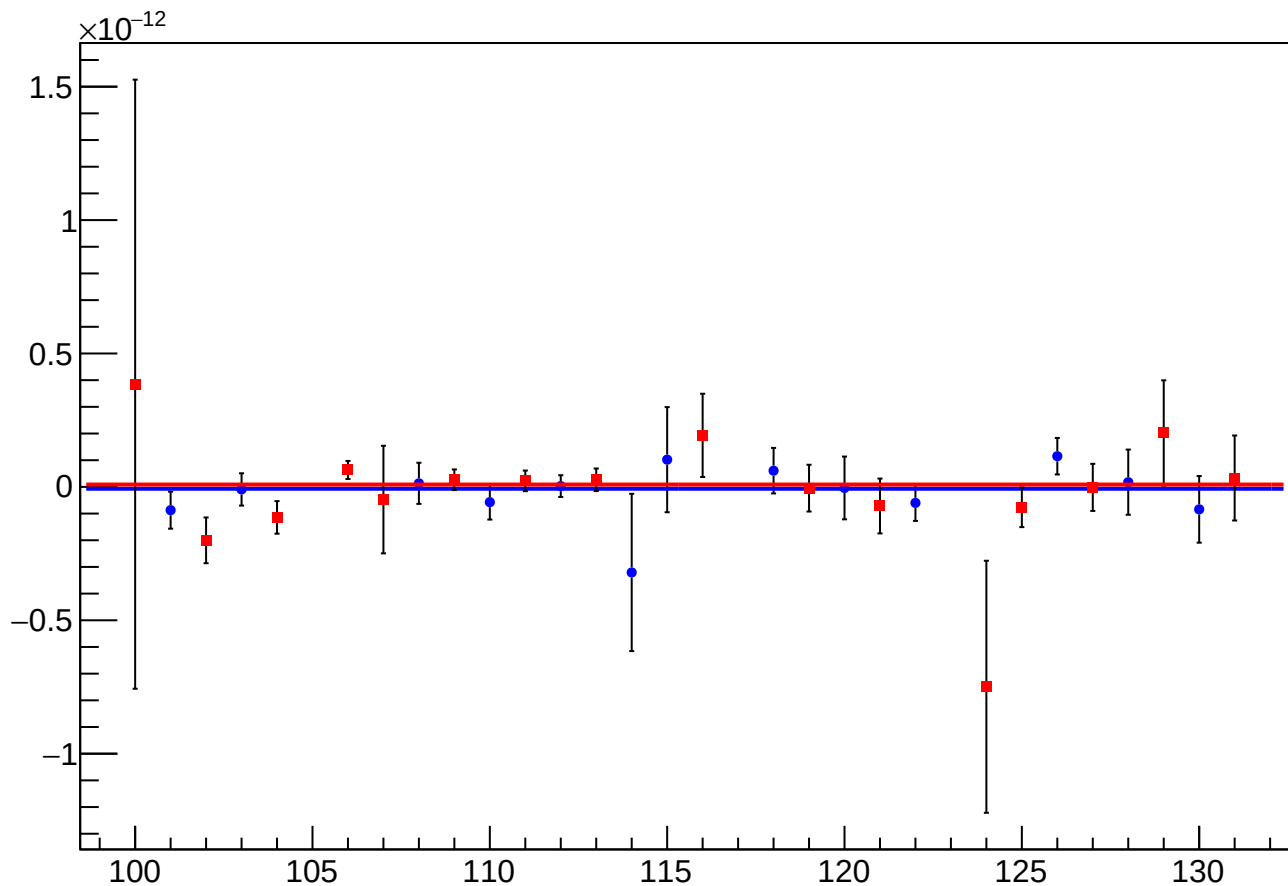
Right: 1507.577+/-0.320 χ^2/NDF : 1042323.2/28

In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.577+/-0.320 χ^2/NDF : 1042323.2/28

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 20.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

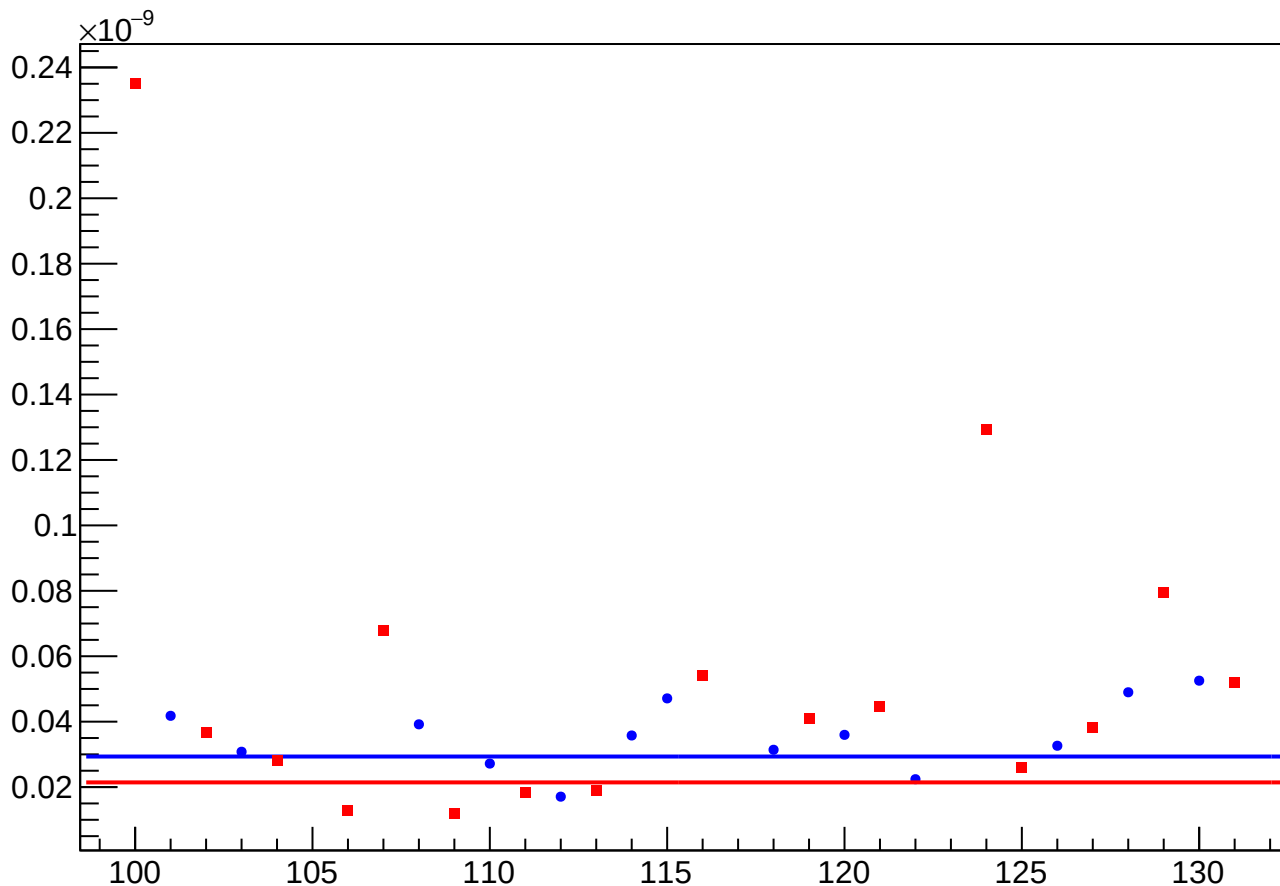
Right: 0.000 ± 0.000 χ^2/NDF : 29.0/28

In: -0.000 ± 0.000 χ^2/NDF : 8.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 29.0/28

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

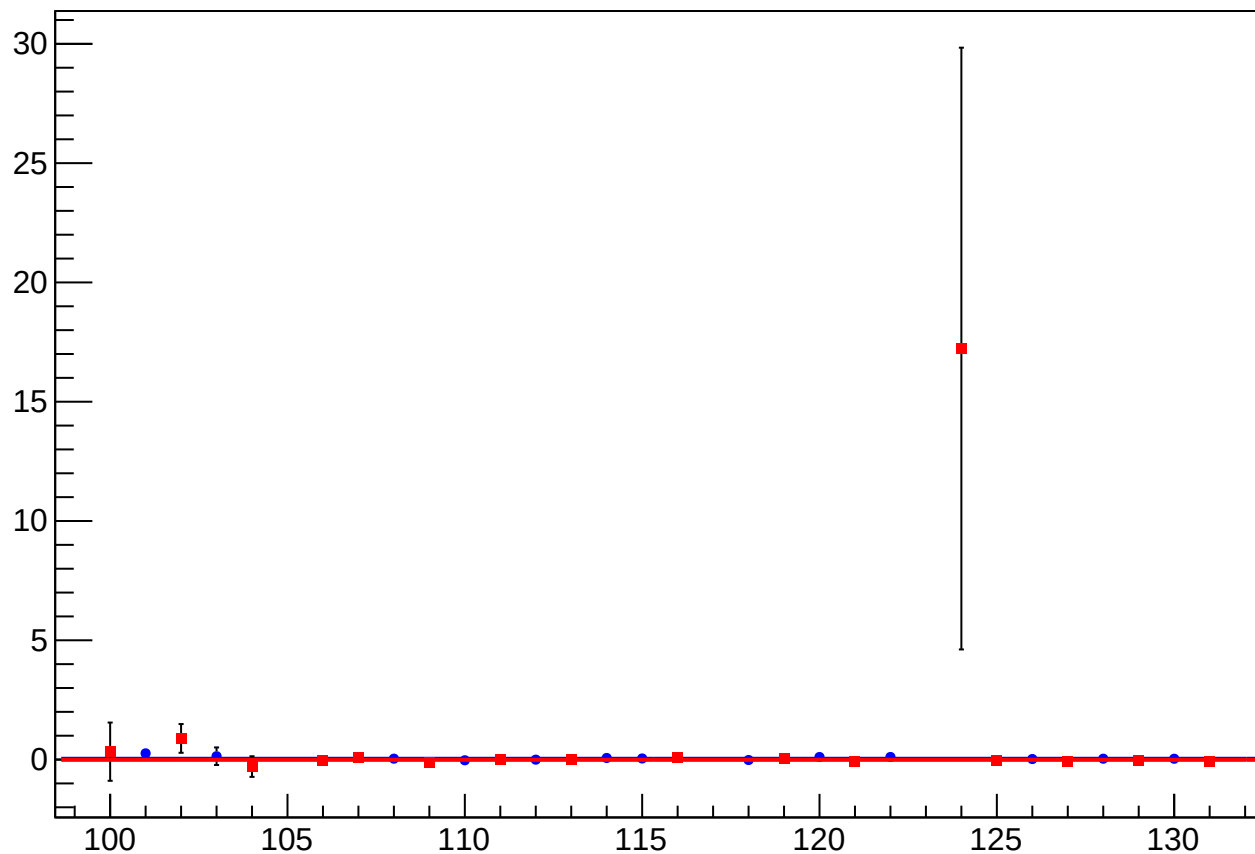
Right: 0.000+/-0.000 χ^2/NDF : 1890602.7/28

In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1890602.7/28

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

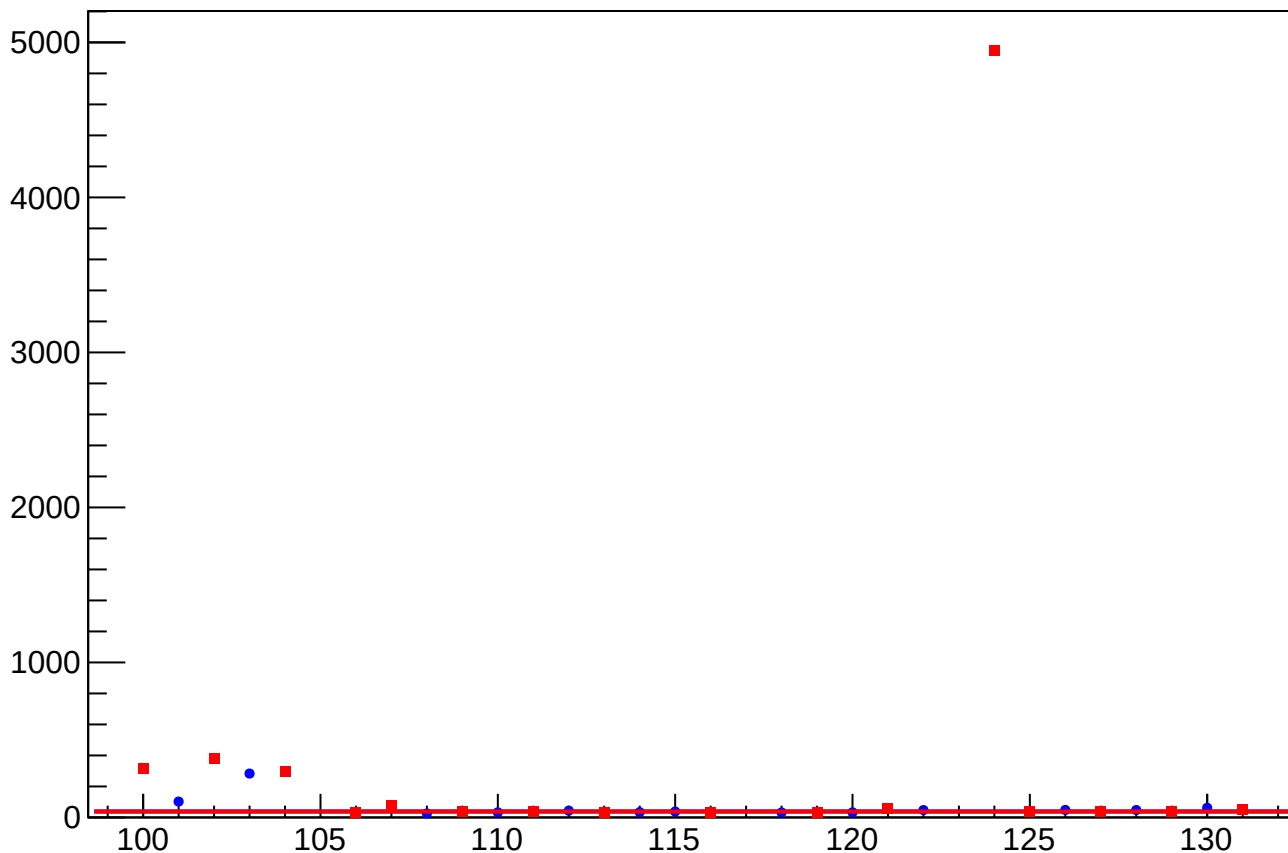
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100236.1/15

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

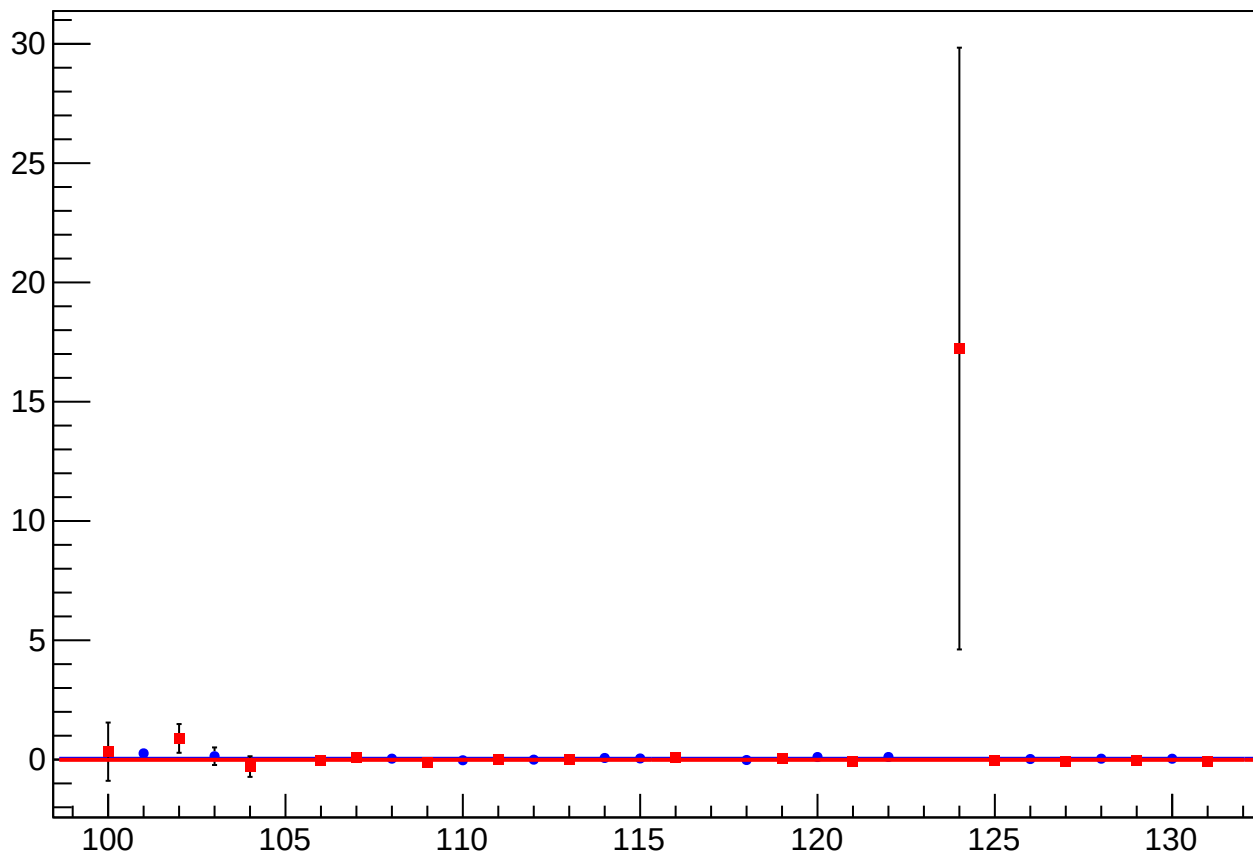
Right: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

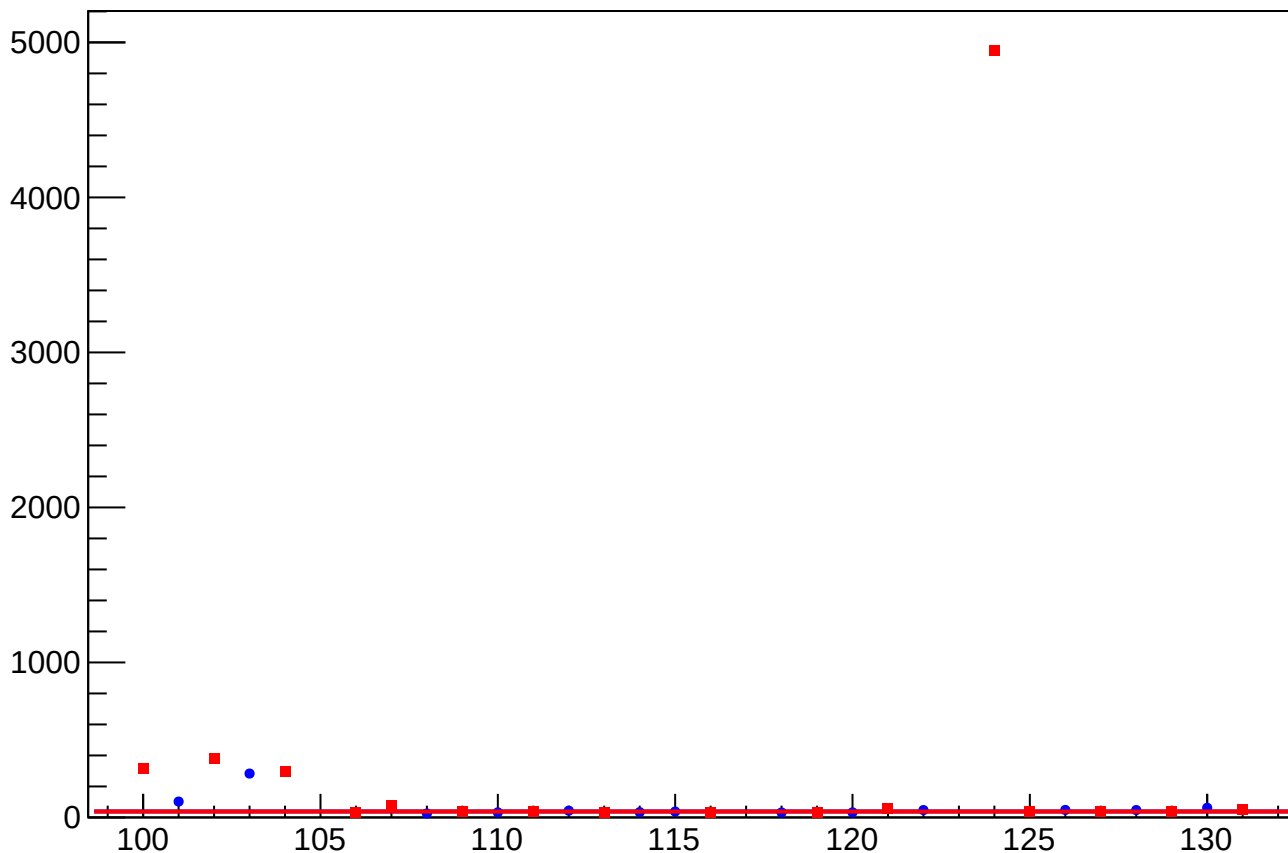
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100236.1/15

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

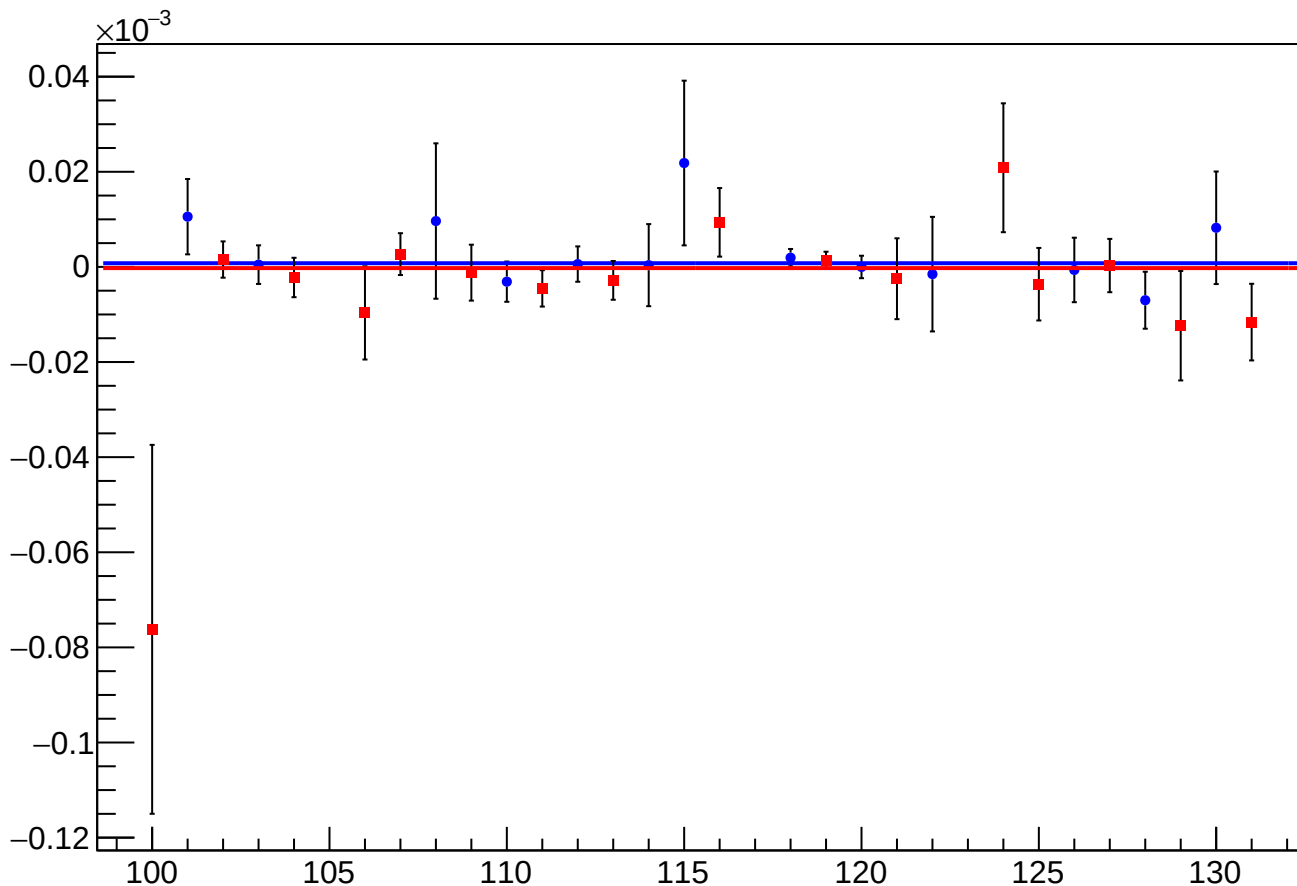
Right: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

In: 38.749 $\pm$ 0.013 χ^2 /NDF:1825561.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

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 : 6.8/12

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

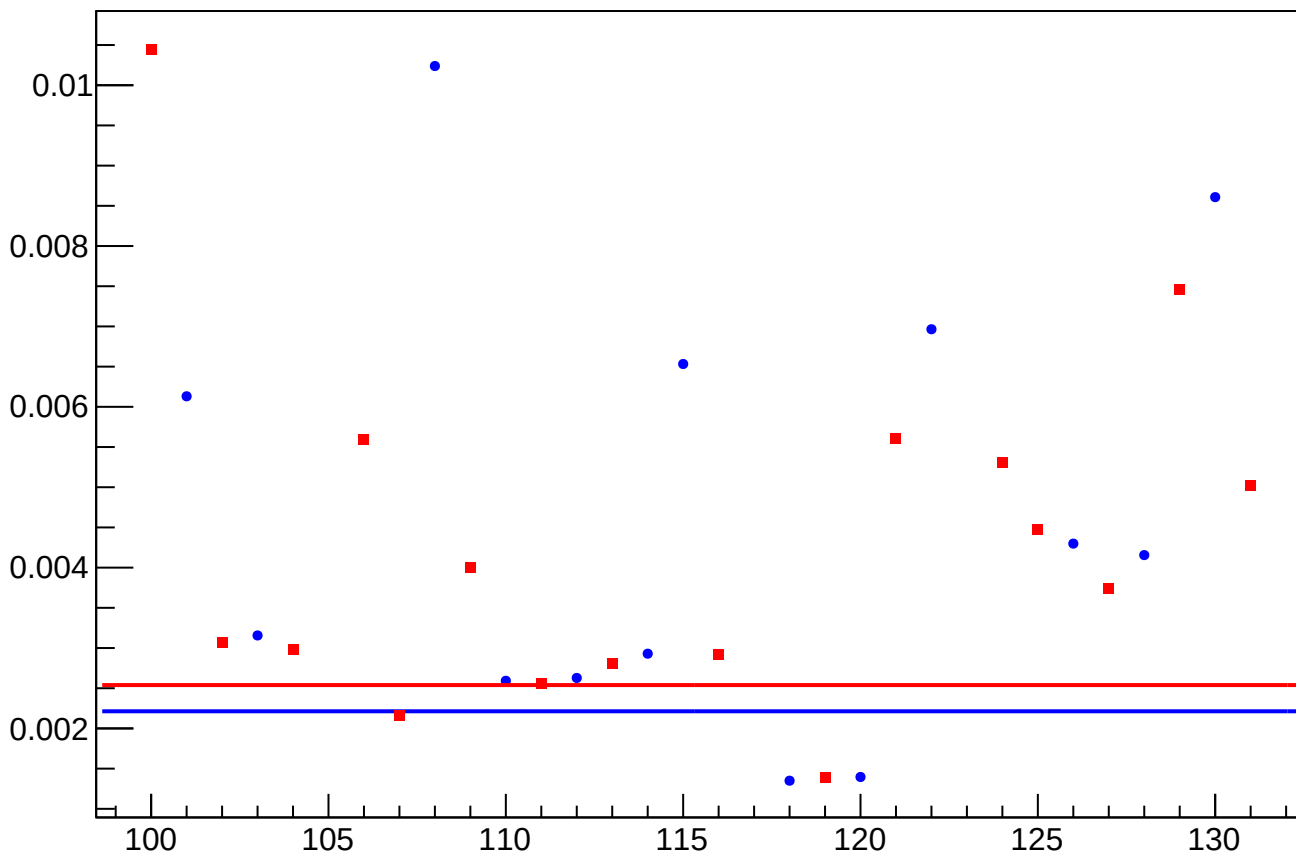
Right: 0.000+/-0.000 χ^2/NDF : 23.0/28

In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/28

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 : 3235633.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2418354.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

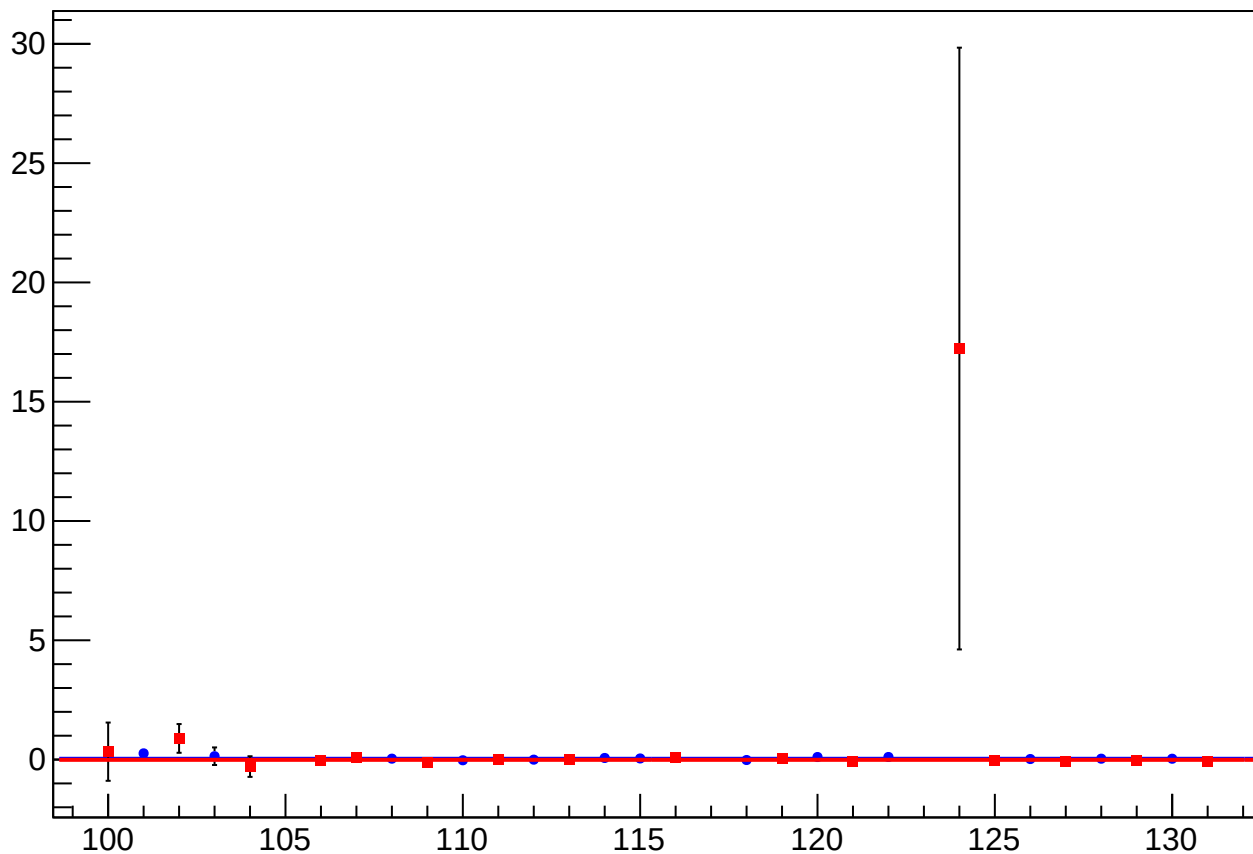
Right: 0.002+/-0.000 χ^2/NDF : 5735224.8/28

In: 0.002+/-0.000 χ^2/NDF :3235633.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5735224.8/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

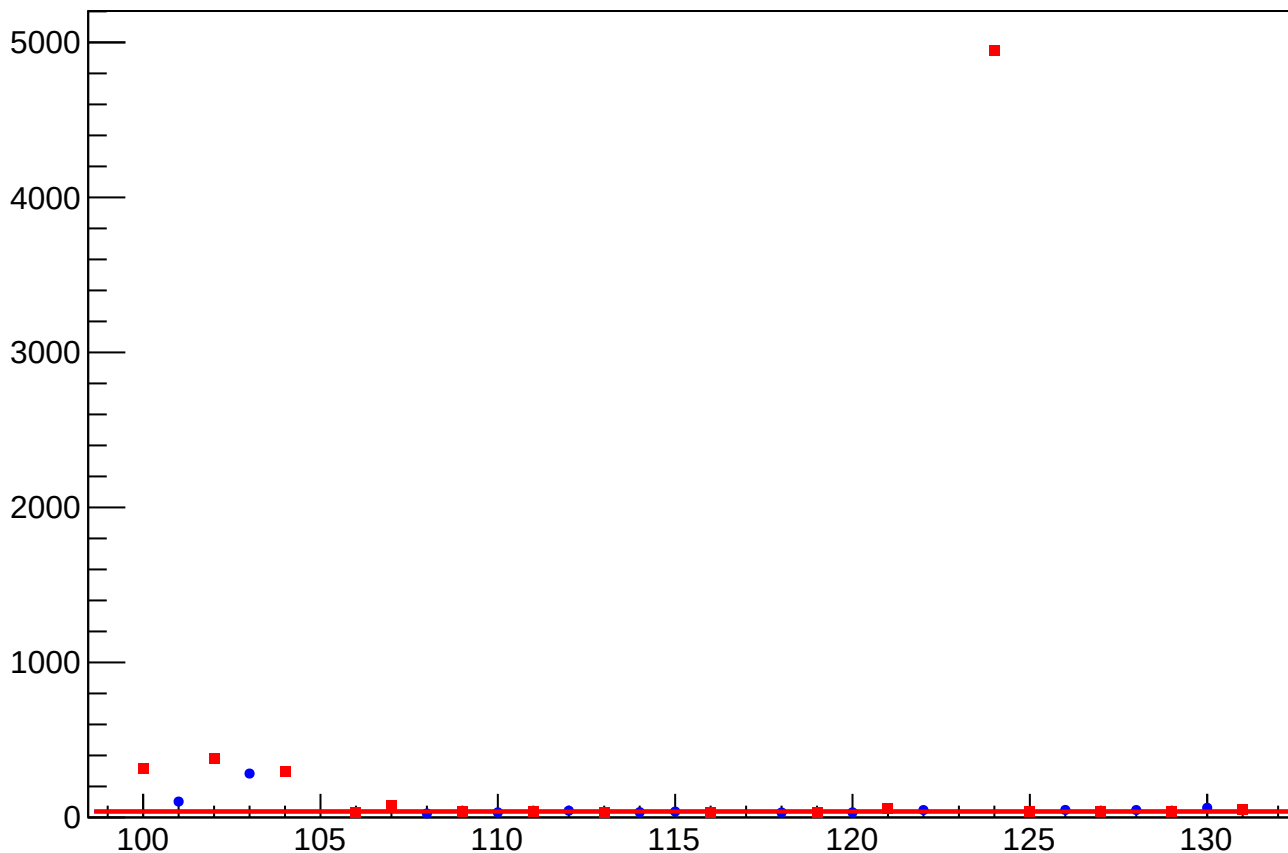
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

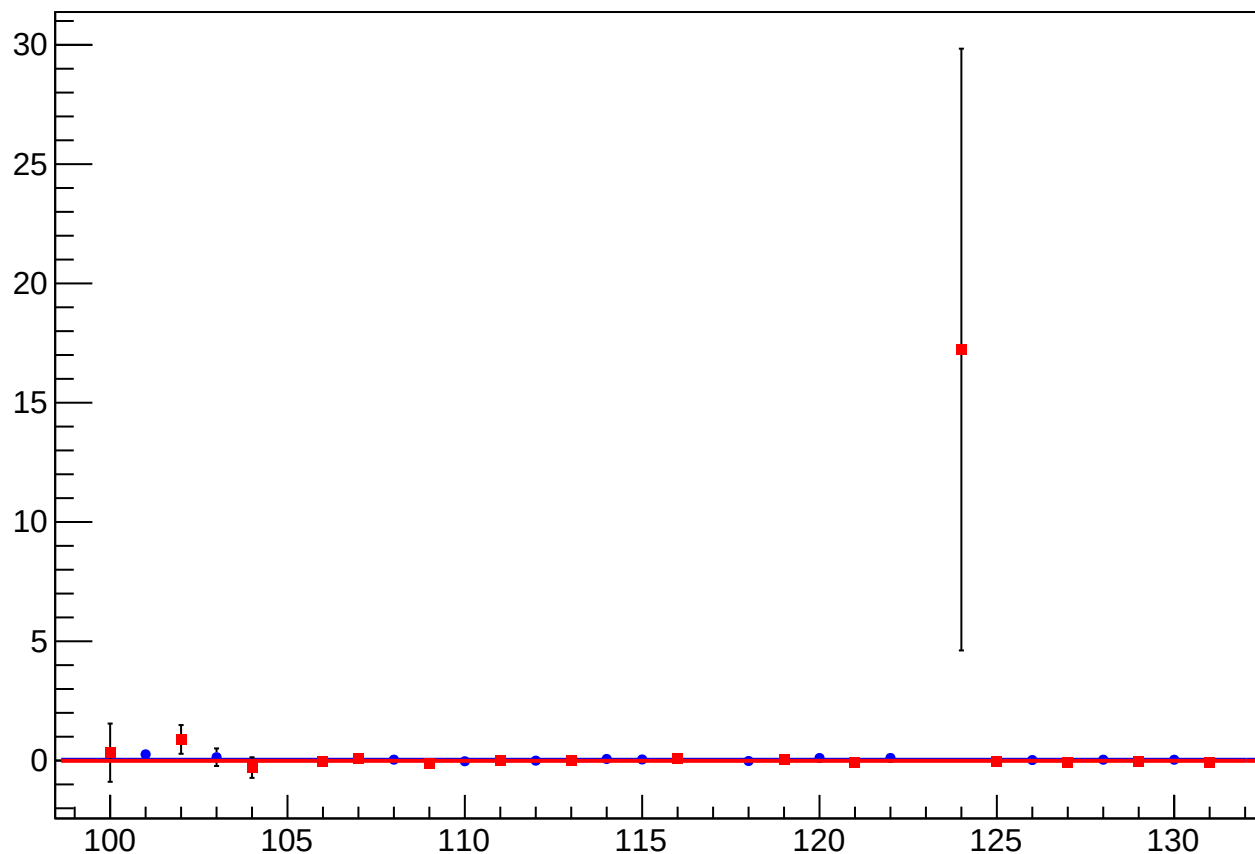
Right: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

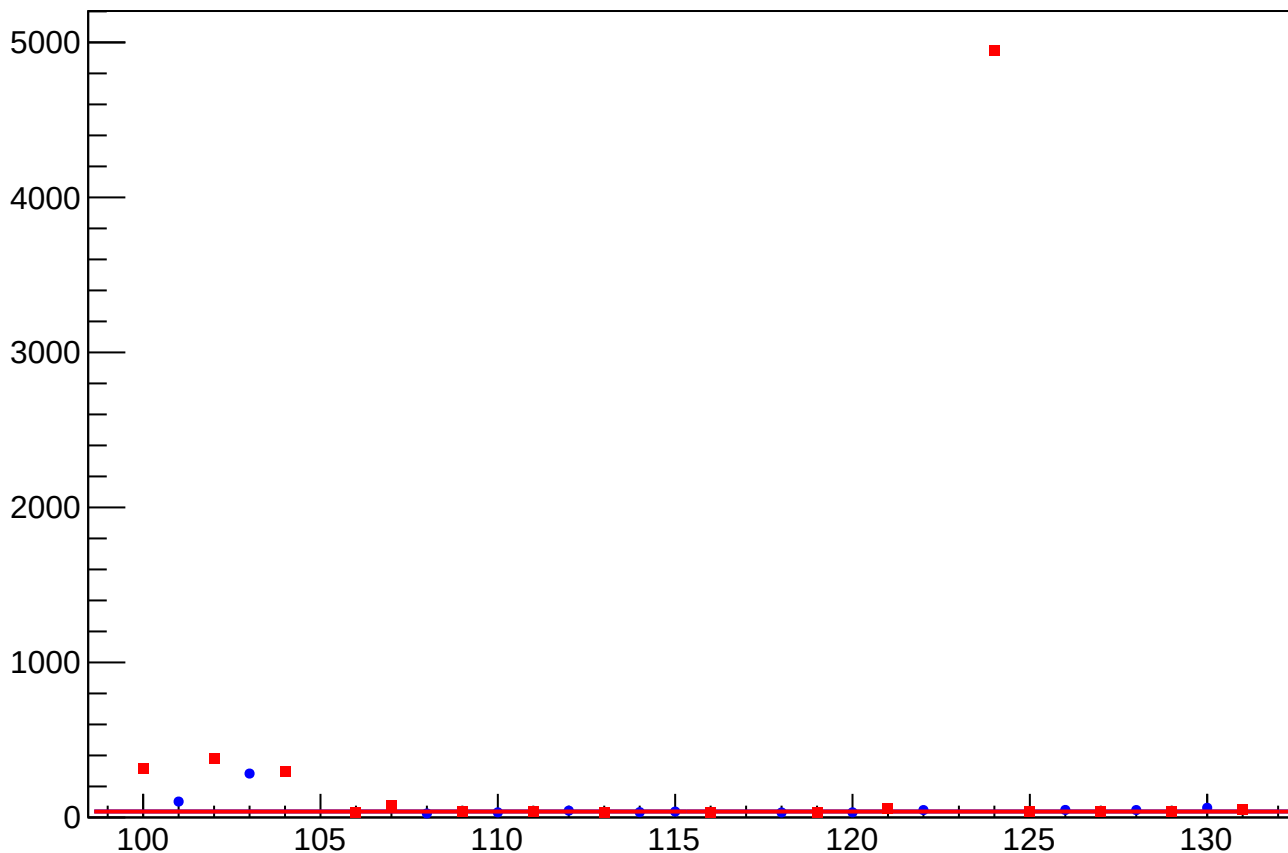
Right: 0.010+/-0.013 χ^2/NDF : 26.3/28

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 26.3/28

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

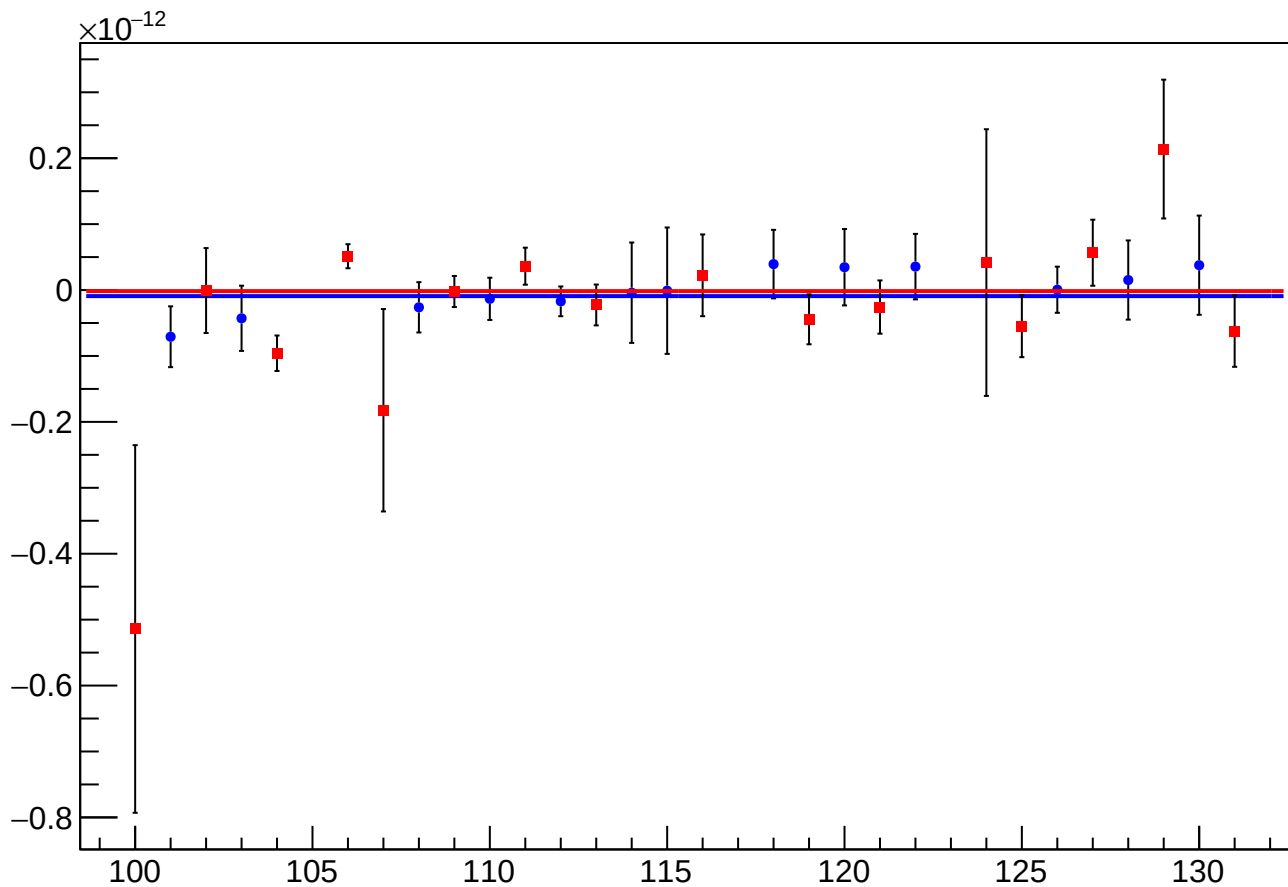
Right: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.433+/-0.009 χ^2/NDF : 3926721.8/28

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 : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 37.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

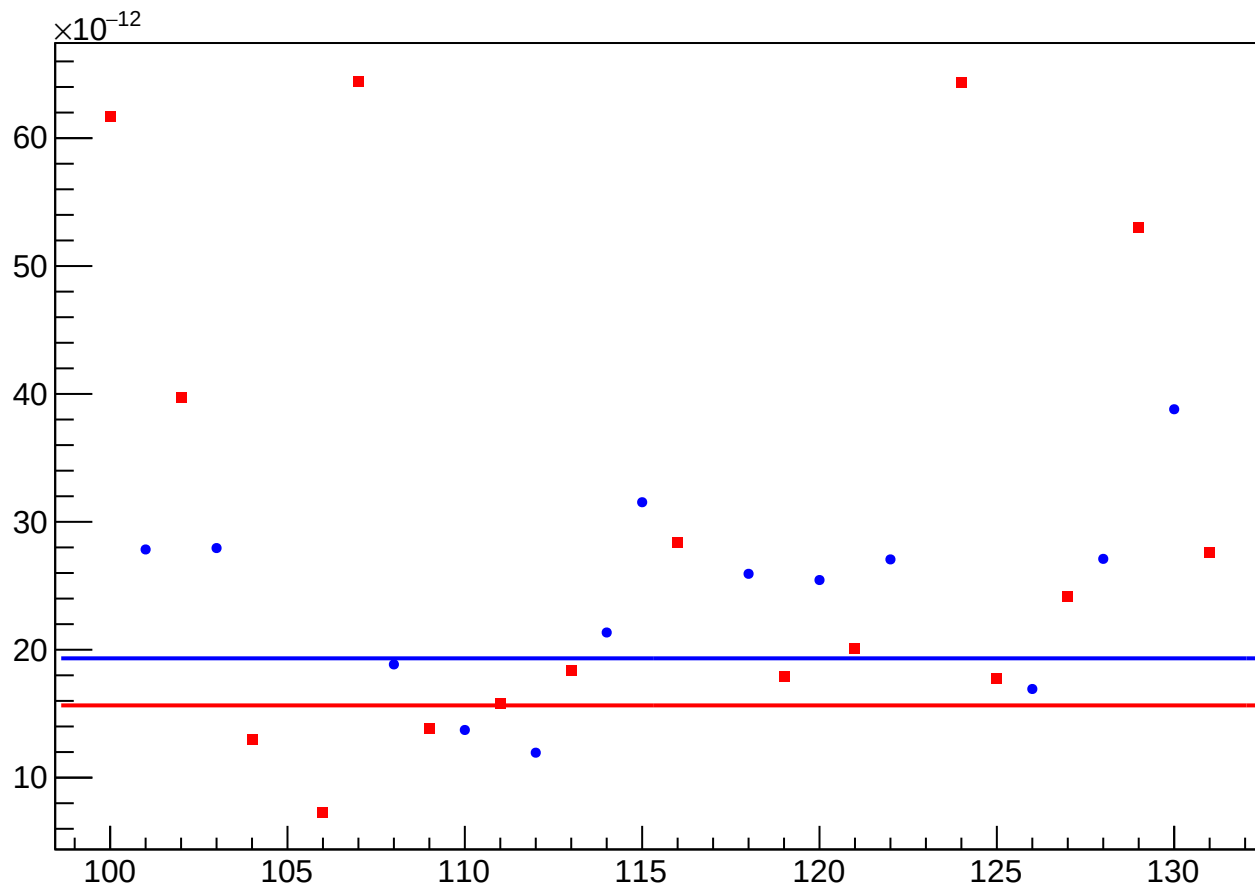
Right: -0.000+/-0.000 χ^2/NDF : 43.4/28

In: -0.000+/-0.000 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.4/28

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 : 717687.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1650807.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

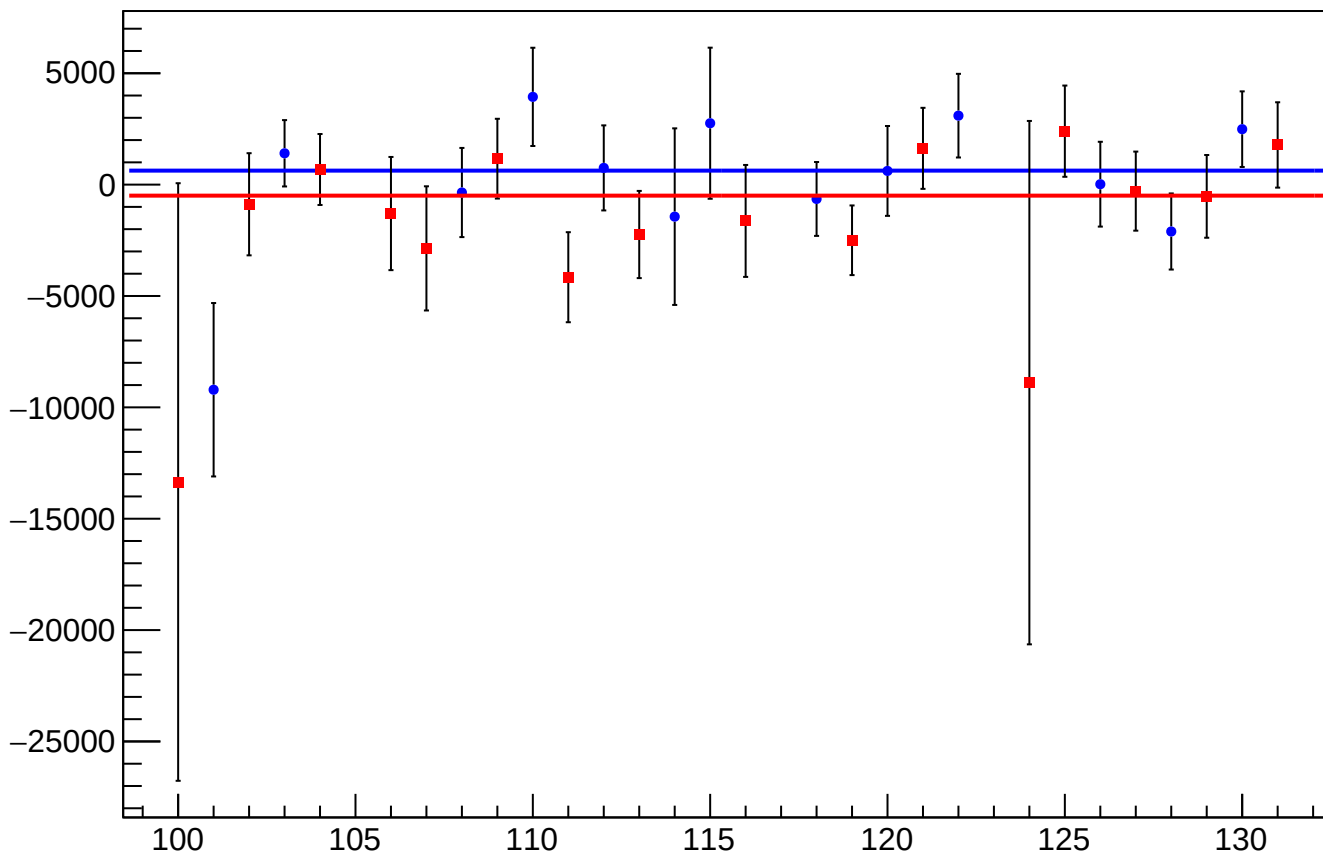
Right: 0.000+/-0.000 χ^2/NDF : 2488375.3/28

In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2488375.3/28

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -494.663+/-520.869 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

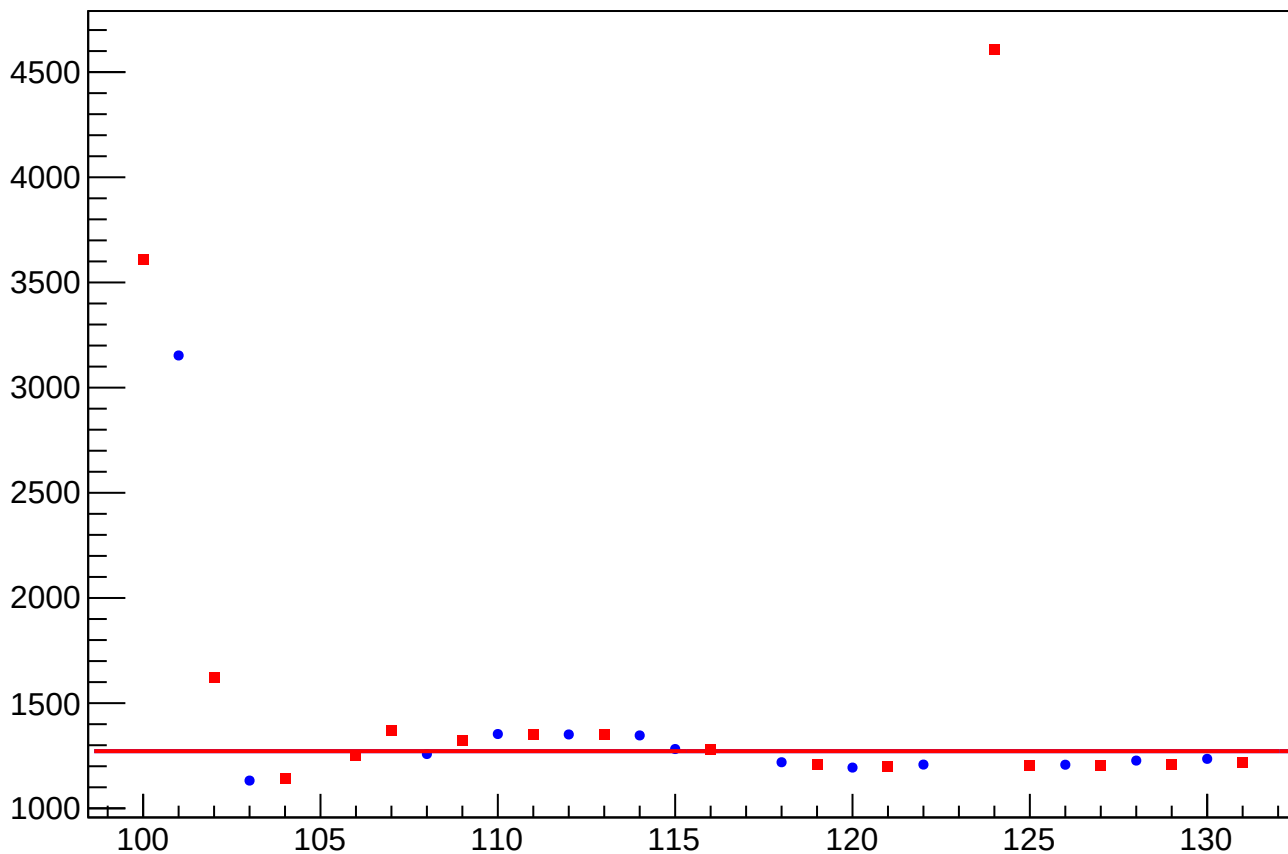
Right: 32.059+/-379.569 χ^2/NDF : 32.6/28

In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.059+/-379.569 χ^2/NDF : 32.6/28

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.745+/-0.368 χ^2/NDF : 309253.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

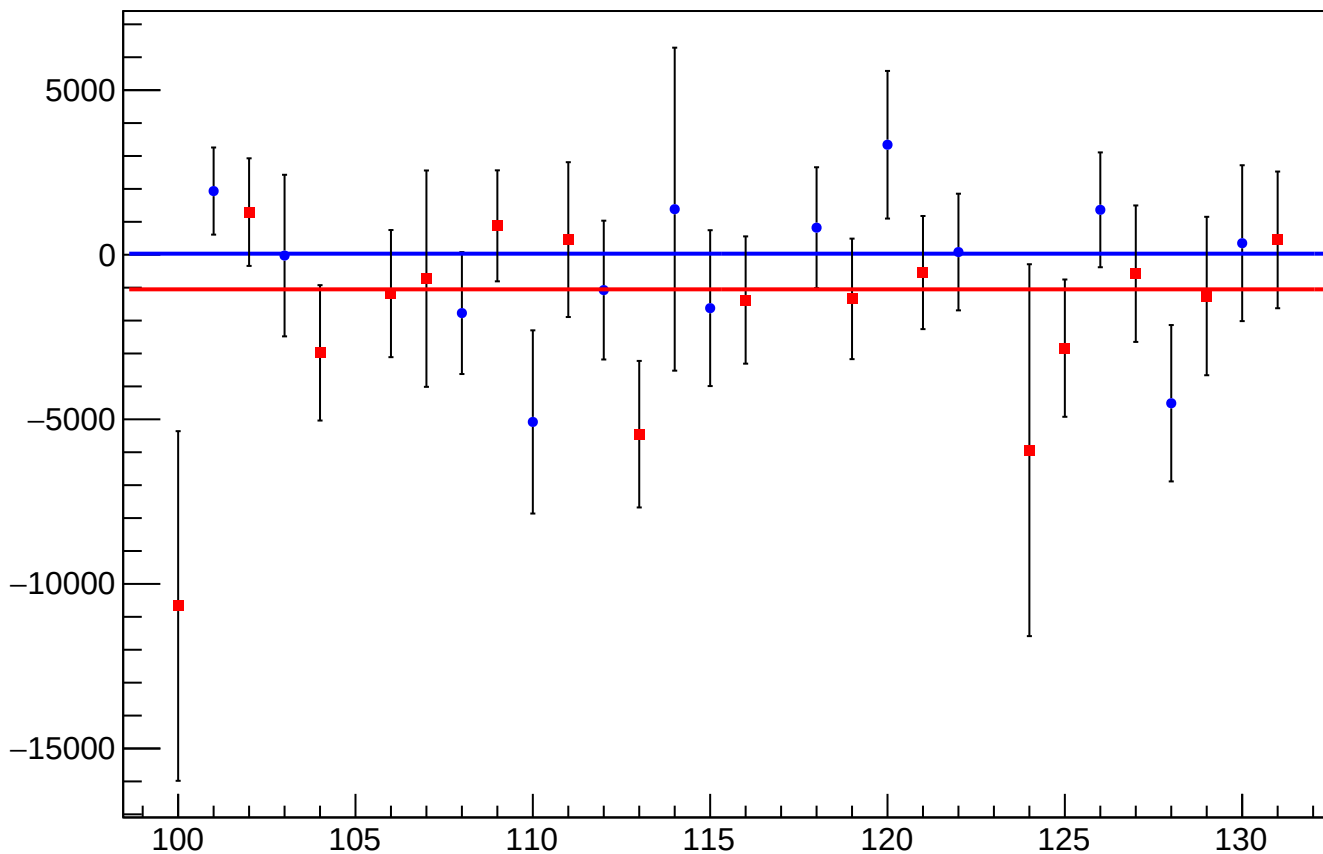
Right: 1271.708+/-0.268 χ^2/NDF : 812748.9/28

In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.708+/-0.268 χ^2/NDF : 812748.9/28

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1051.244+/-531.156 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

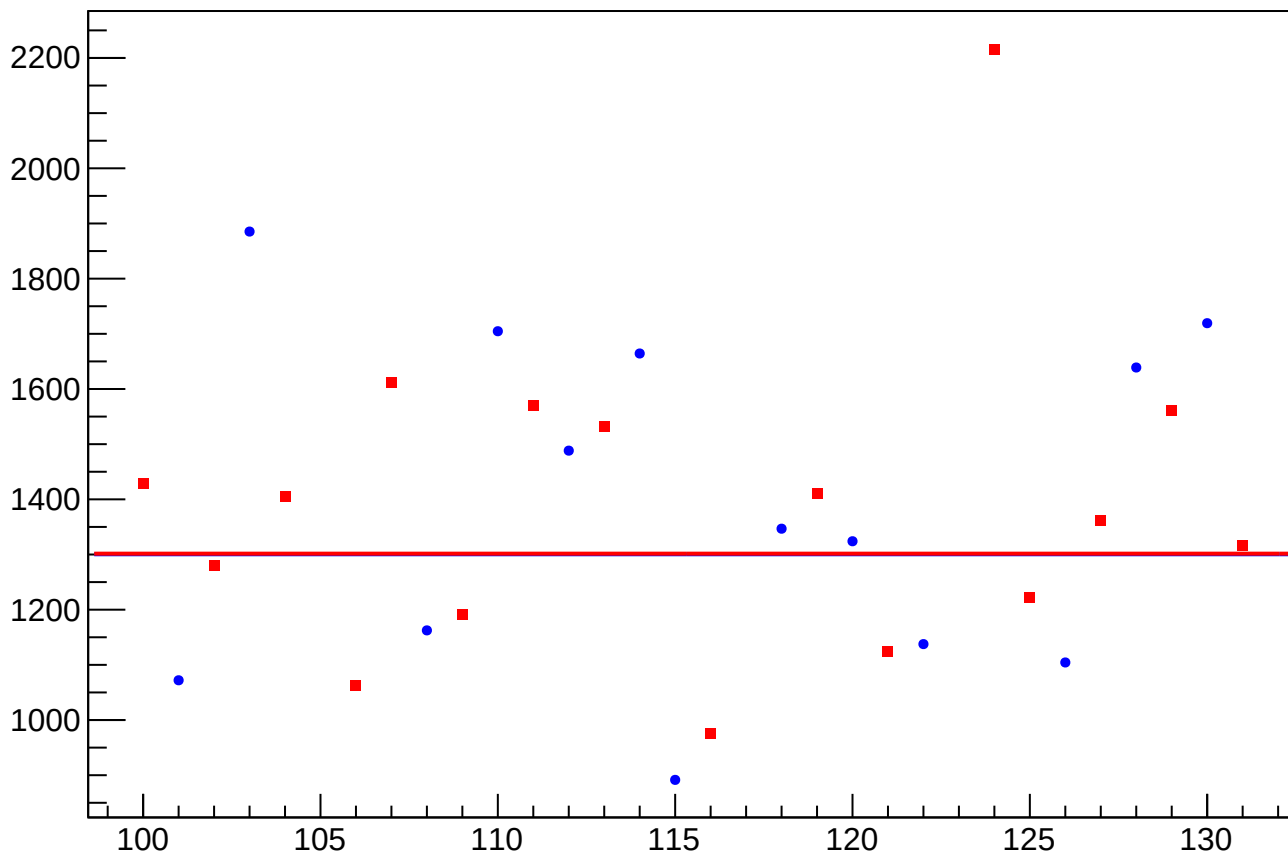
Right: -545.714+/-387.919 χ^2/NDF : 29.9/28

In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -545.714+/-387.919 χ^2/NDF : 29.9/28

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1300.436+/-0.402 χ^2/NDF : 459847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1301.555+/-0.376 χ^2/NDF : 276472.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

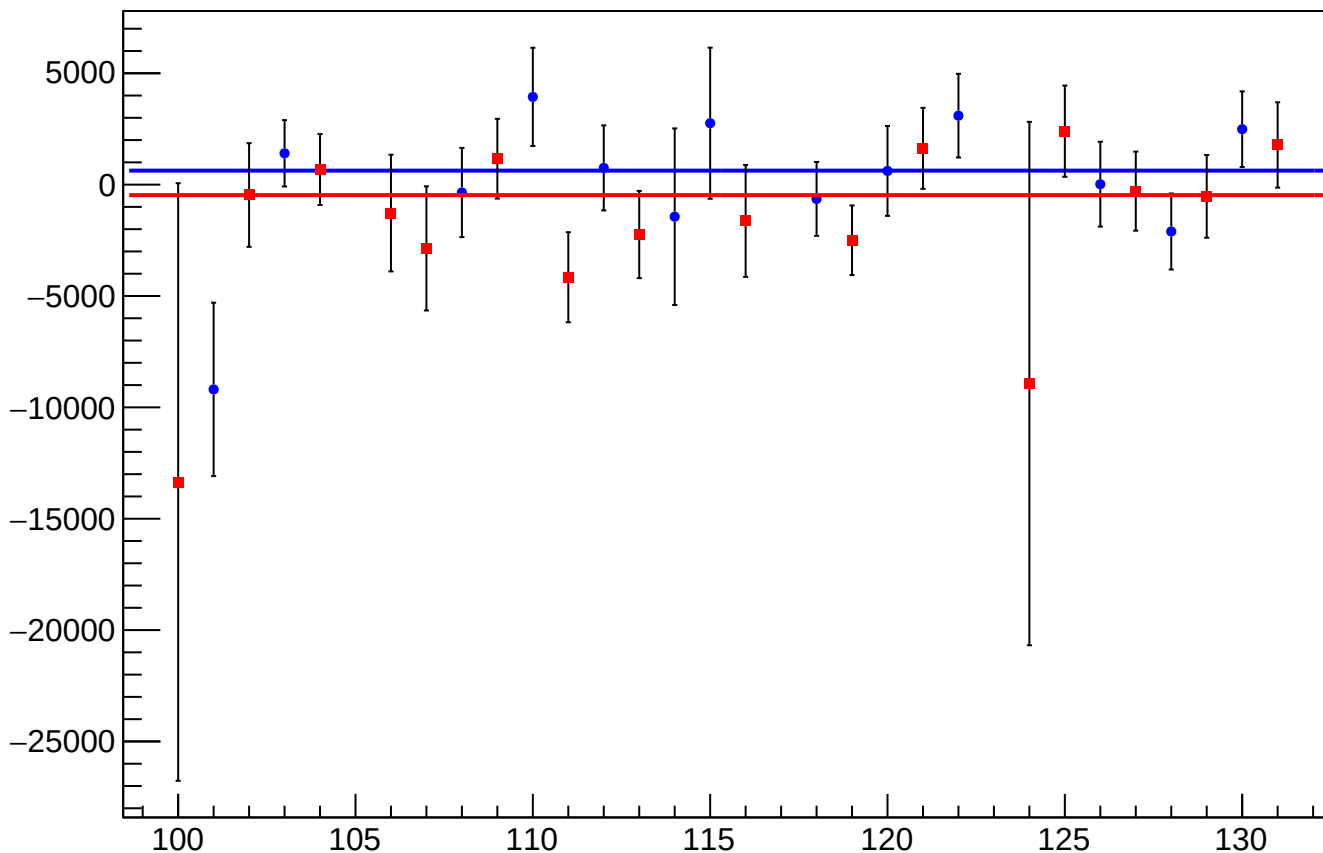
Right: 1301.033+/-0.274 χ^2/NDF : 736324.3/28

In: 1300.436+/-0.402 χ^2/NDF :459847.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1301.033+/-0.274 χ^2/NDF : 736324.3/28

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.494+/-521.911 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

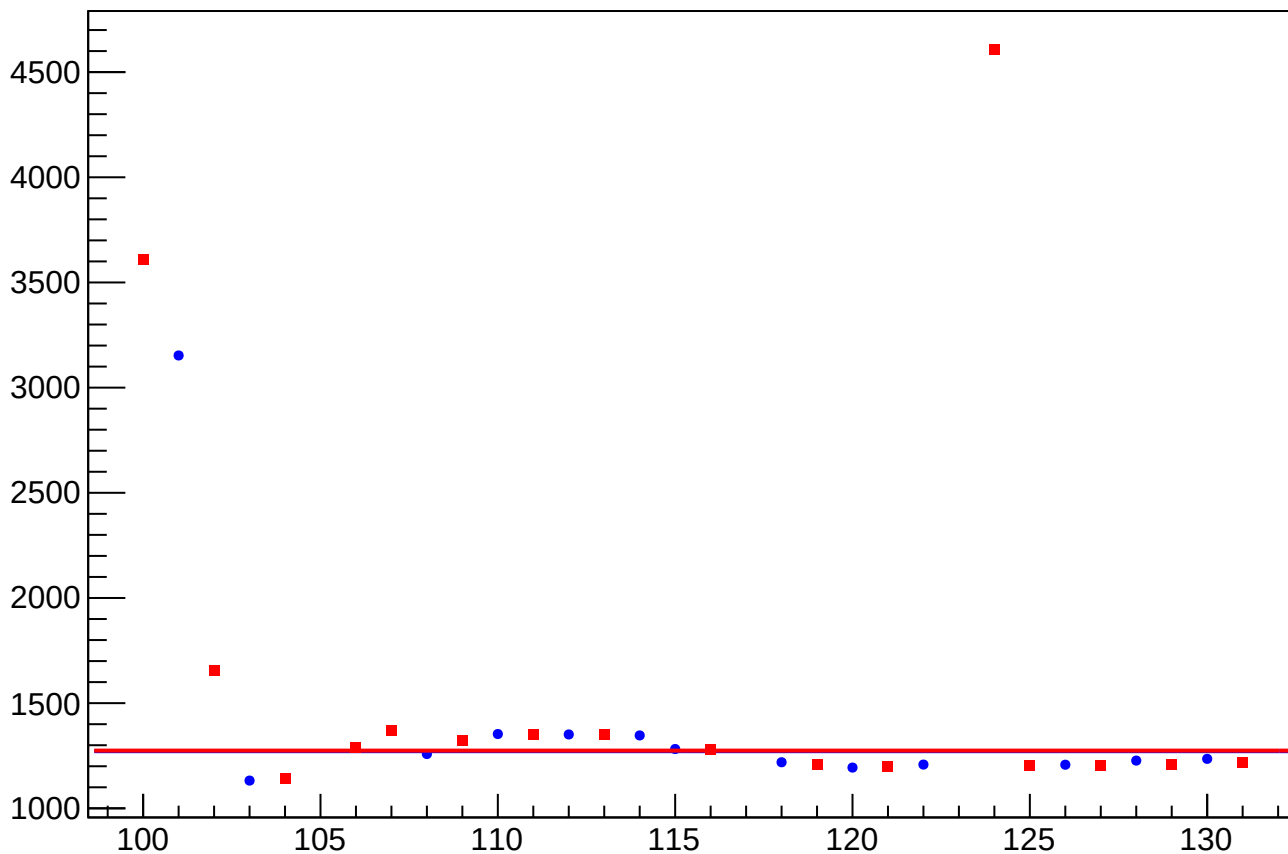
Right: 46.161+/-379.972 χ^2/NDF : 32.4/28

In: 628.870+/-554.270 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.161+/-379.972 χ^2/NDF : 32.4/28

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

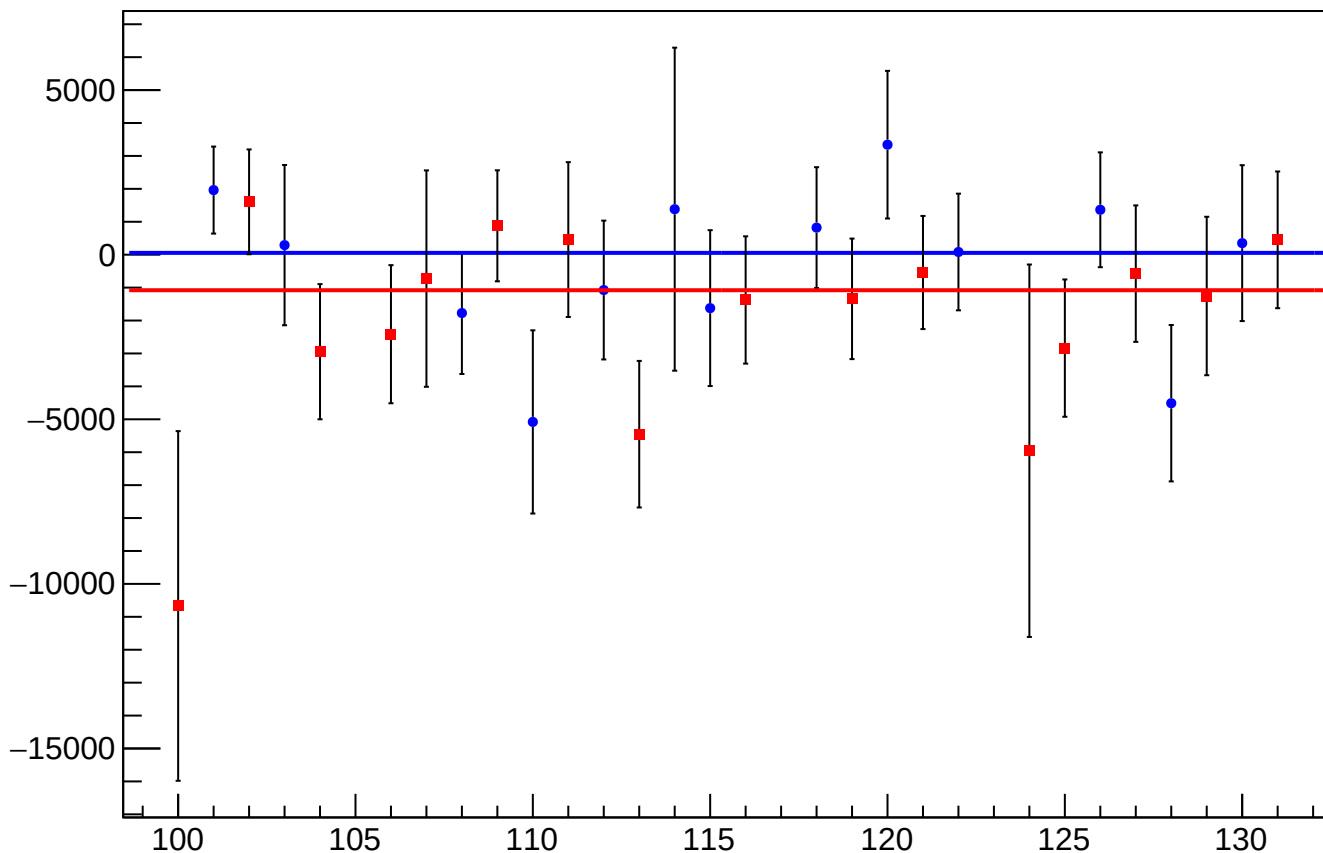
Right: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

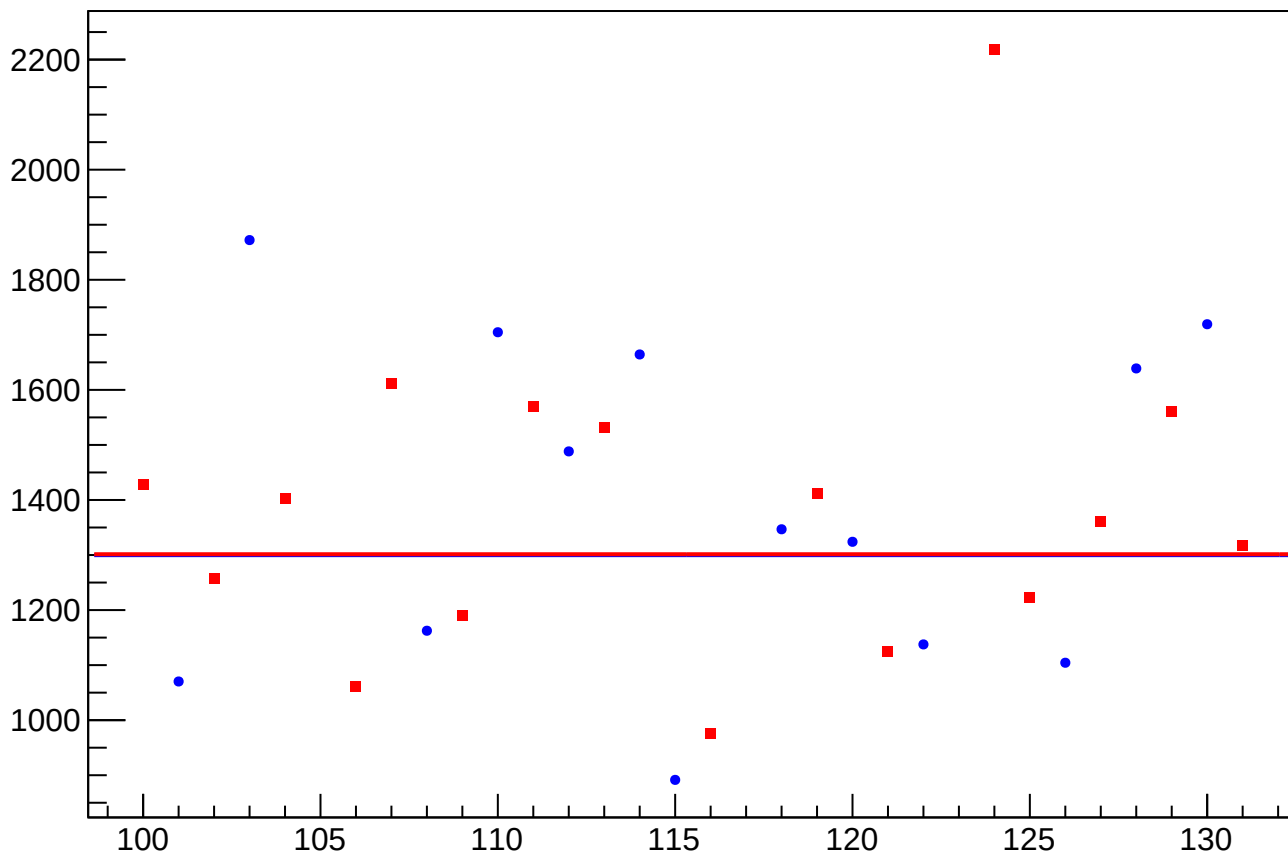
Right: -547.975+/-388.371 χ^2/NDF : 31.2/28

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.975+/-388.371 χ^2/NDF : 31.2/28

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

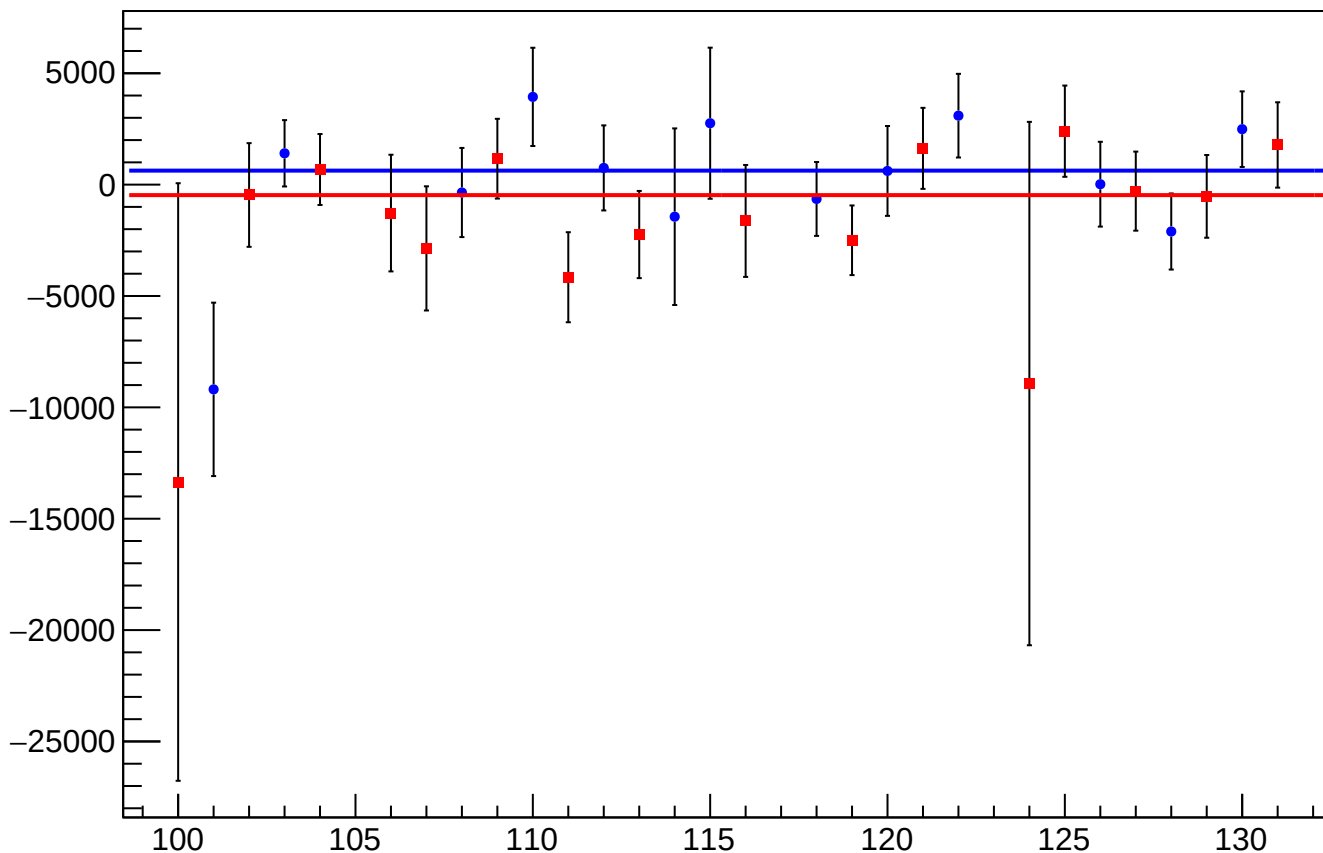
Right: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.494+/-521.911 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

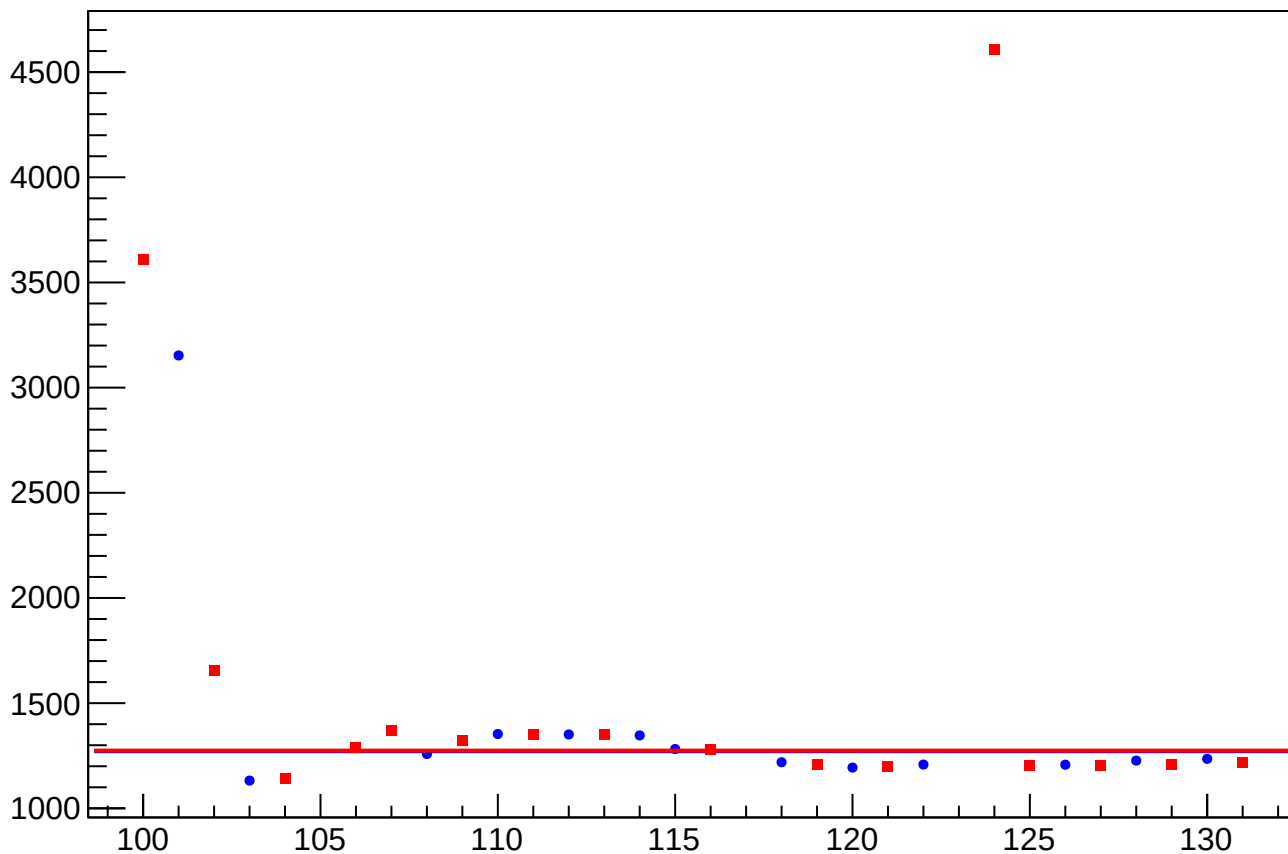
Right: 46.161+/-379.972 χ^2/NDF : 32.4/28

In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.161+/-379.972 χ^2/NDF : 32.4/28

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

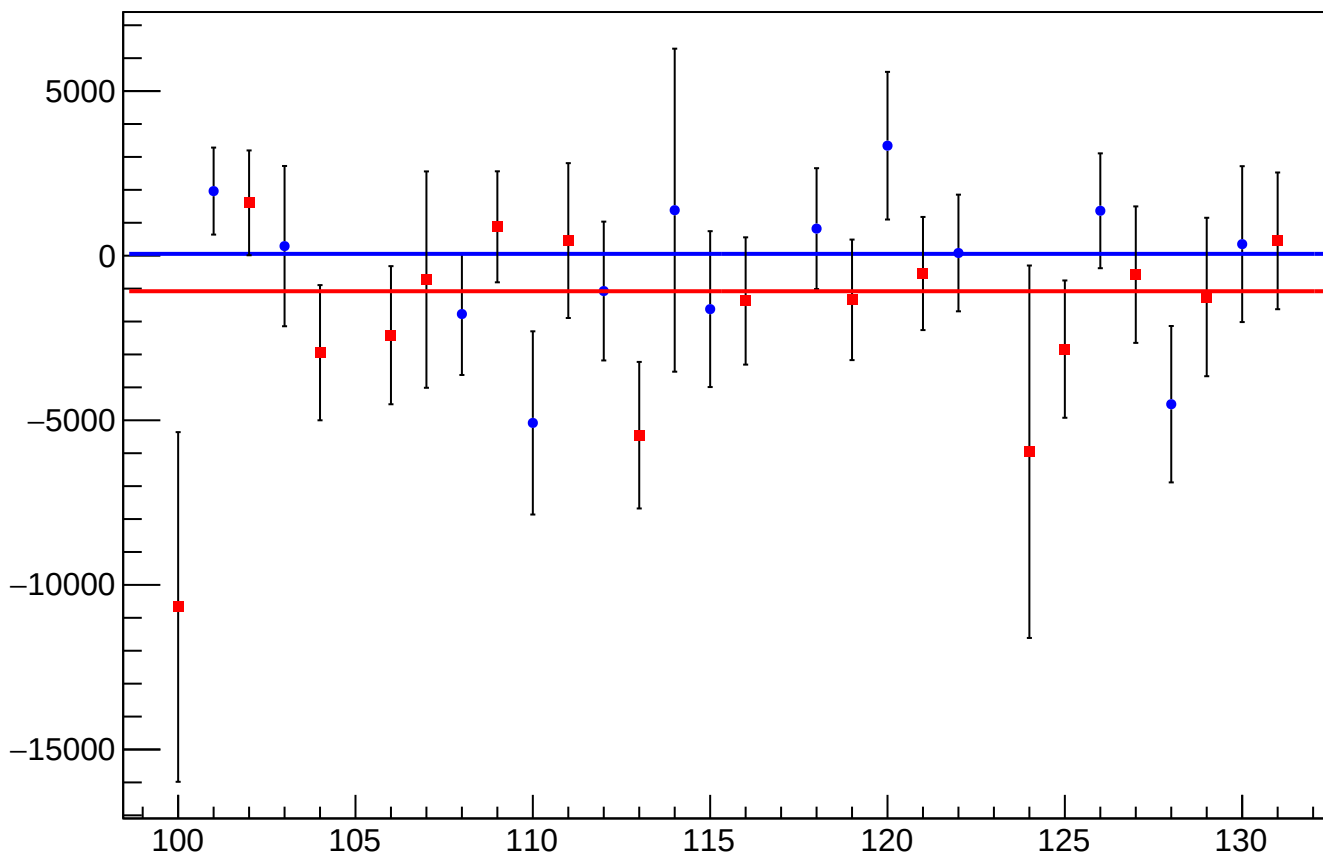
Right: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

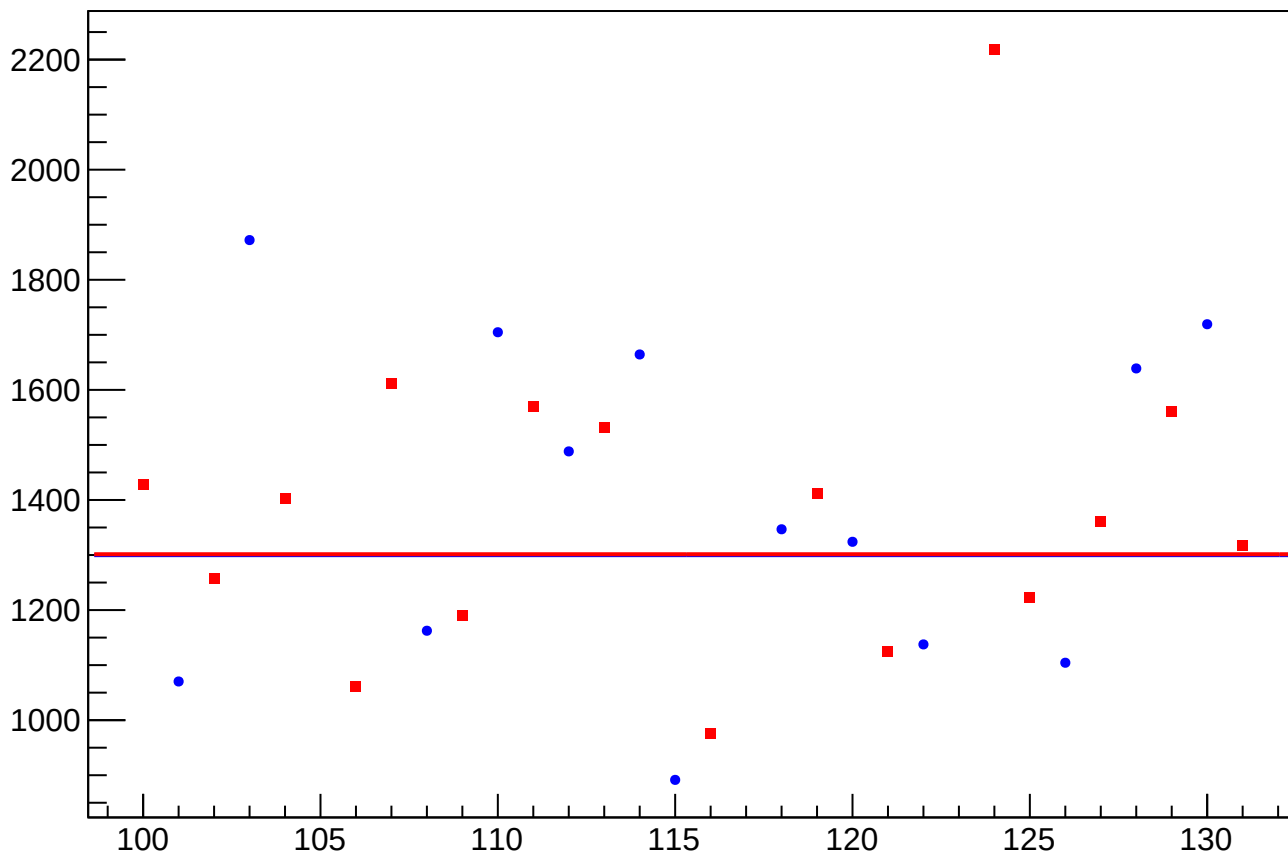
Right: -547.975+/-388.371 χ^2/NDF : 31.2/28

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.975+/-388.371 χ^2/NDF : 31.2/28

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

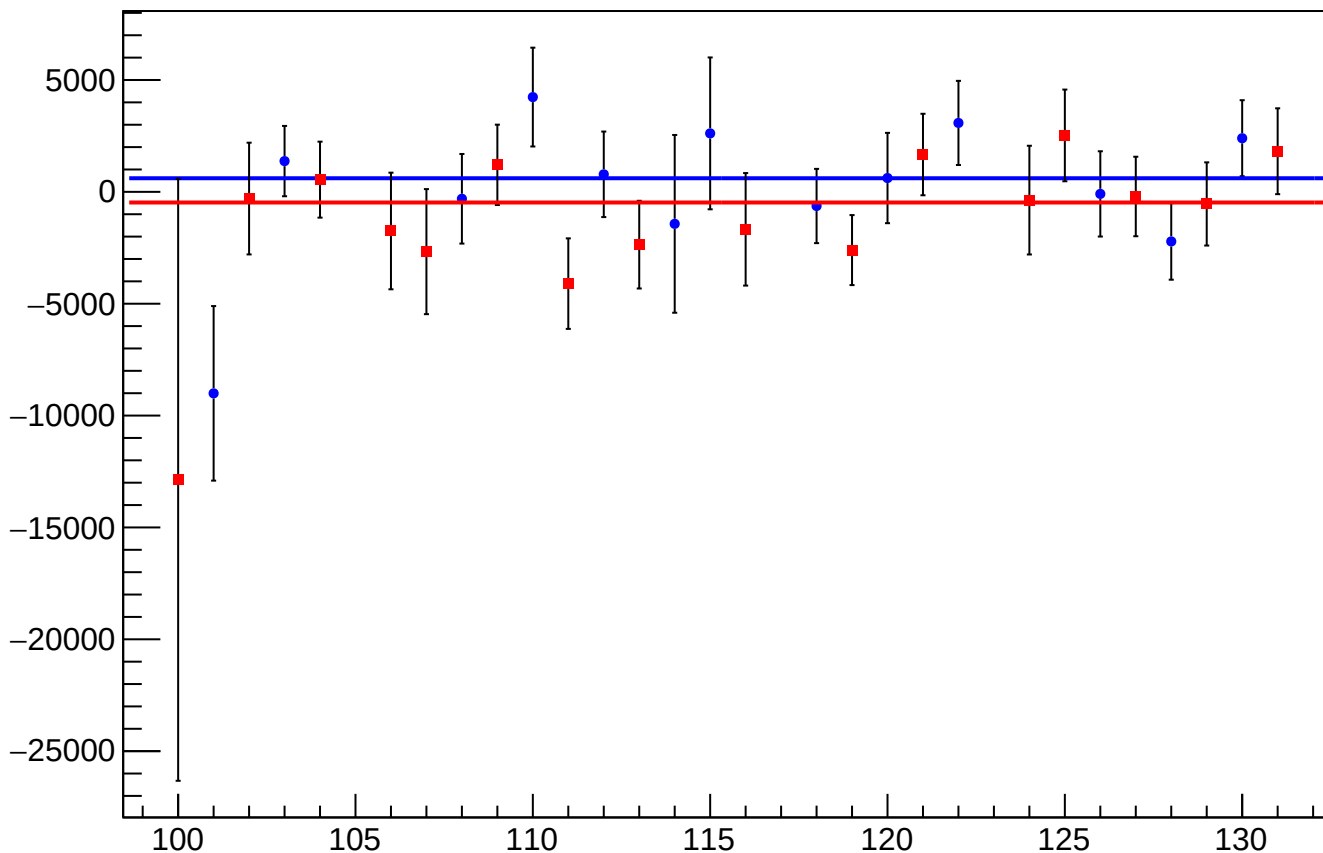
Right: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.664+/-0.275 χ^2/NDF : 731305.6/28

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.744+/-515.990 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

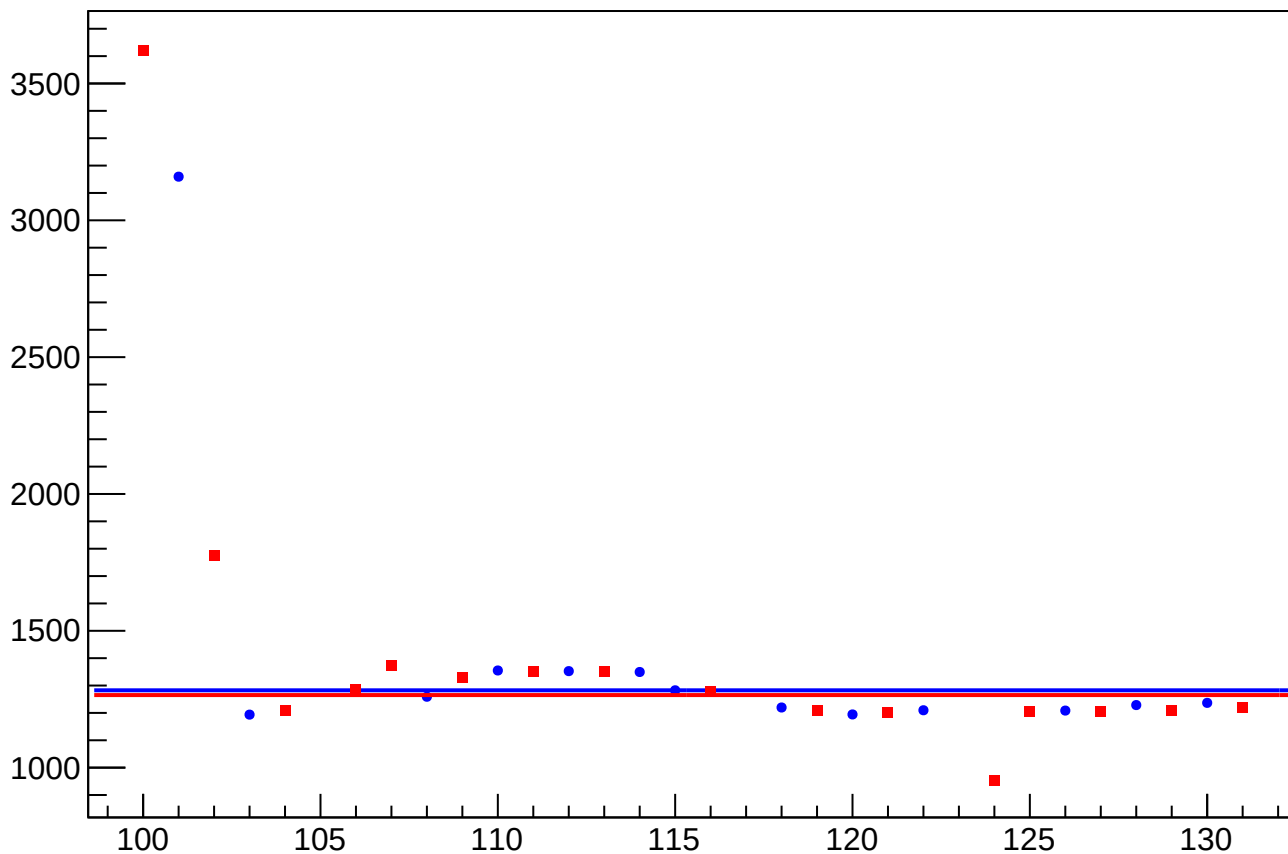
Right: 23.234+/-379.069 χ^2/NDF : 32.3/28

In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.234+/-379.069 χ^2/NDF : 32.3/28

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

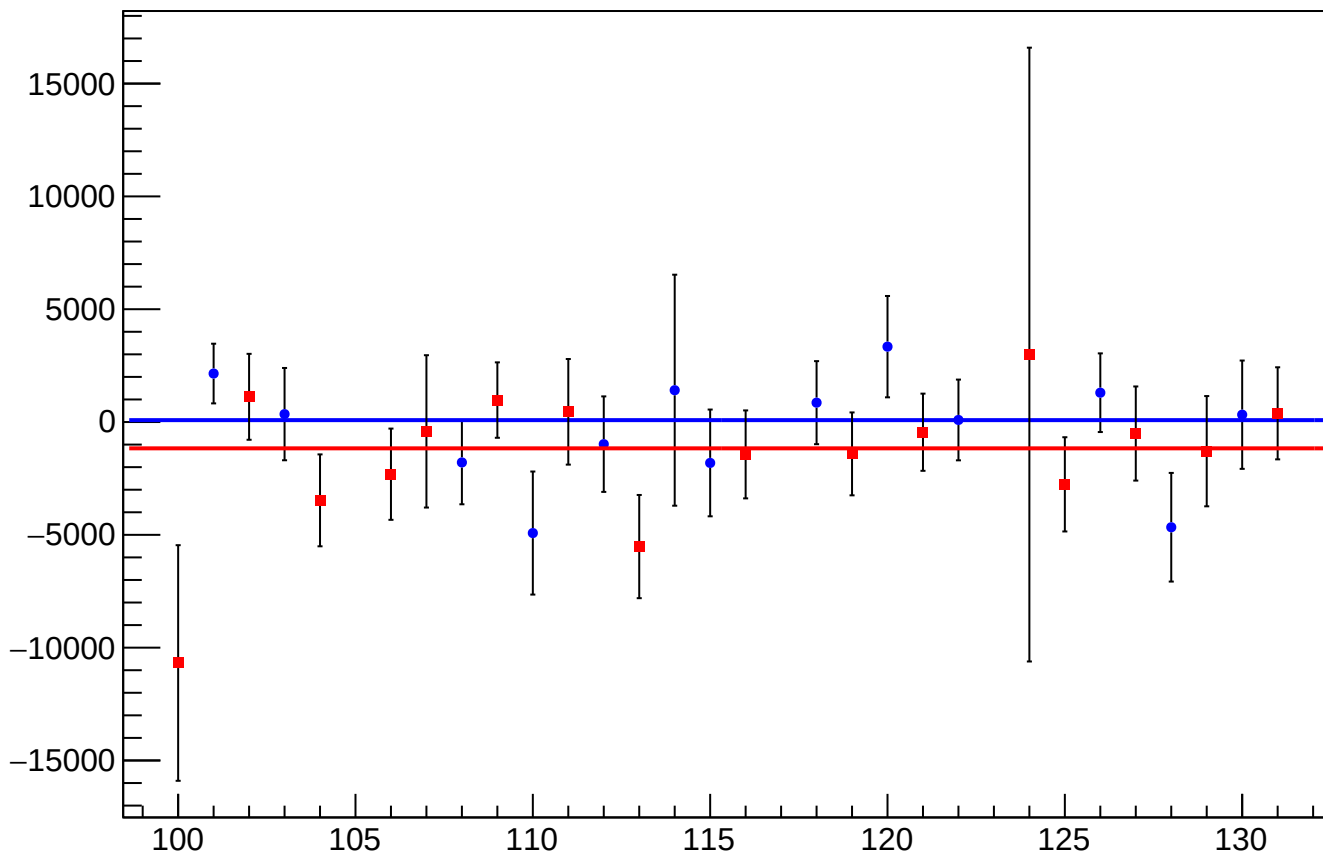
Right: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1166.315+/-543.024 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

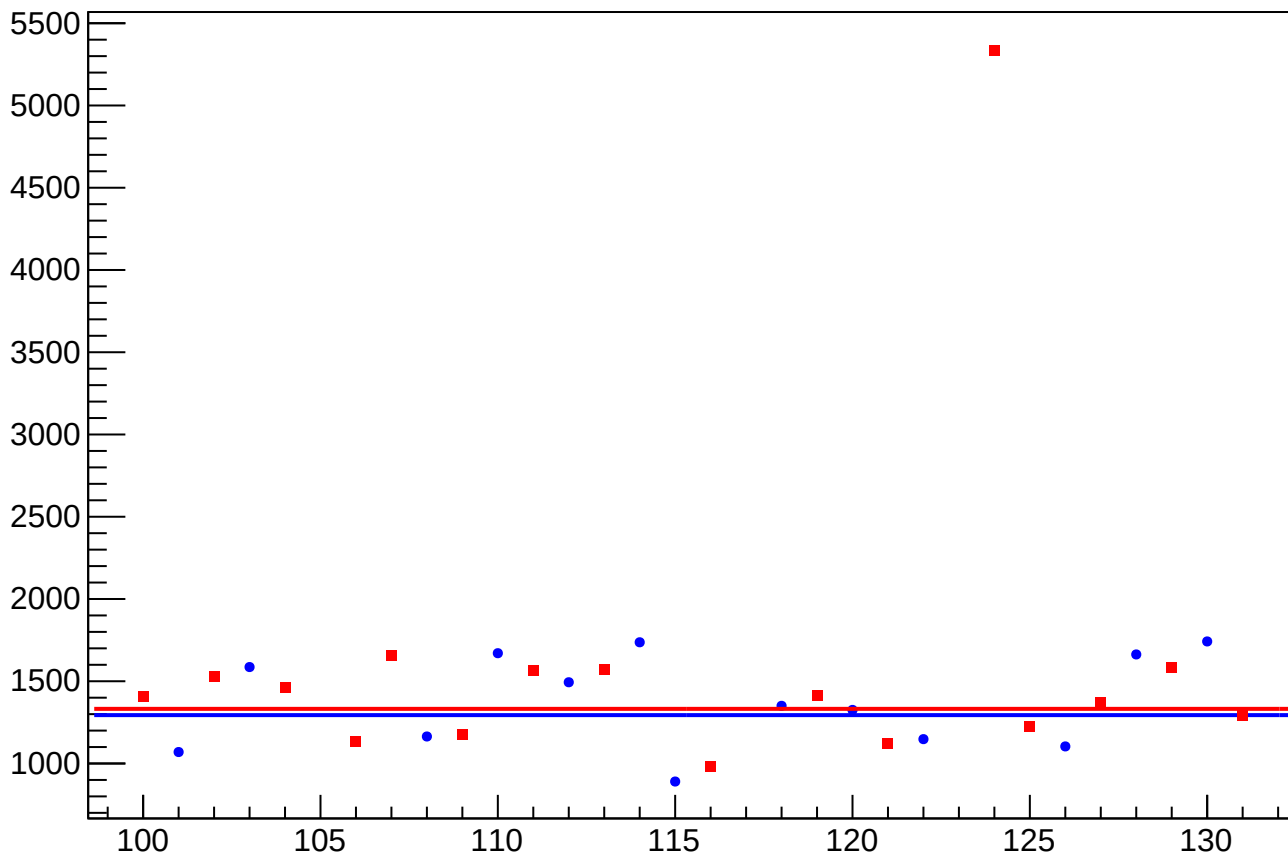
Right: -563.657+/-390.793 χ^2/NDF : 30.7/28

In: 83.785+/-562.839 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -563.657+/-390.793 χ^2/NDF : 30.7/28

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.194+/-0.384 χ^2/NDF : 427727.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

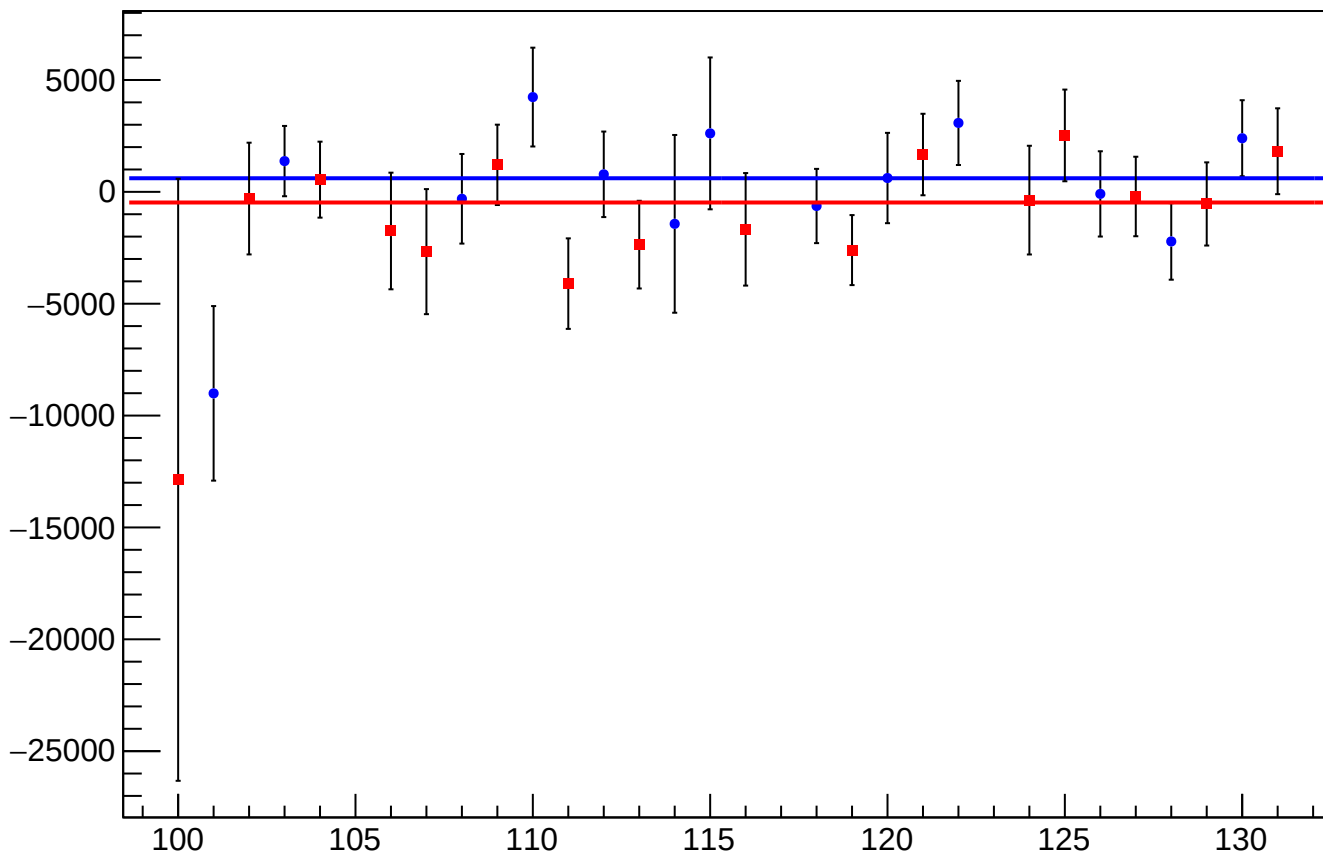
Right: 1313.806+/-0.276 χ^2/NDF : 825780.1/28

In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.806+/-0.276 χ^2/NDF : 825780.1/28

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 608.284 $\pm$ 558.725 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -475.744 $\pm$ 515.990 χ^2 /NDF: 14.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

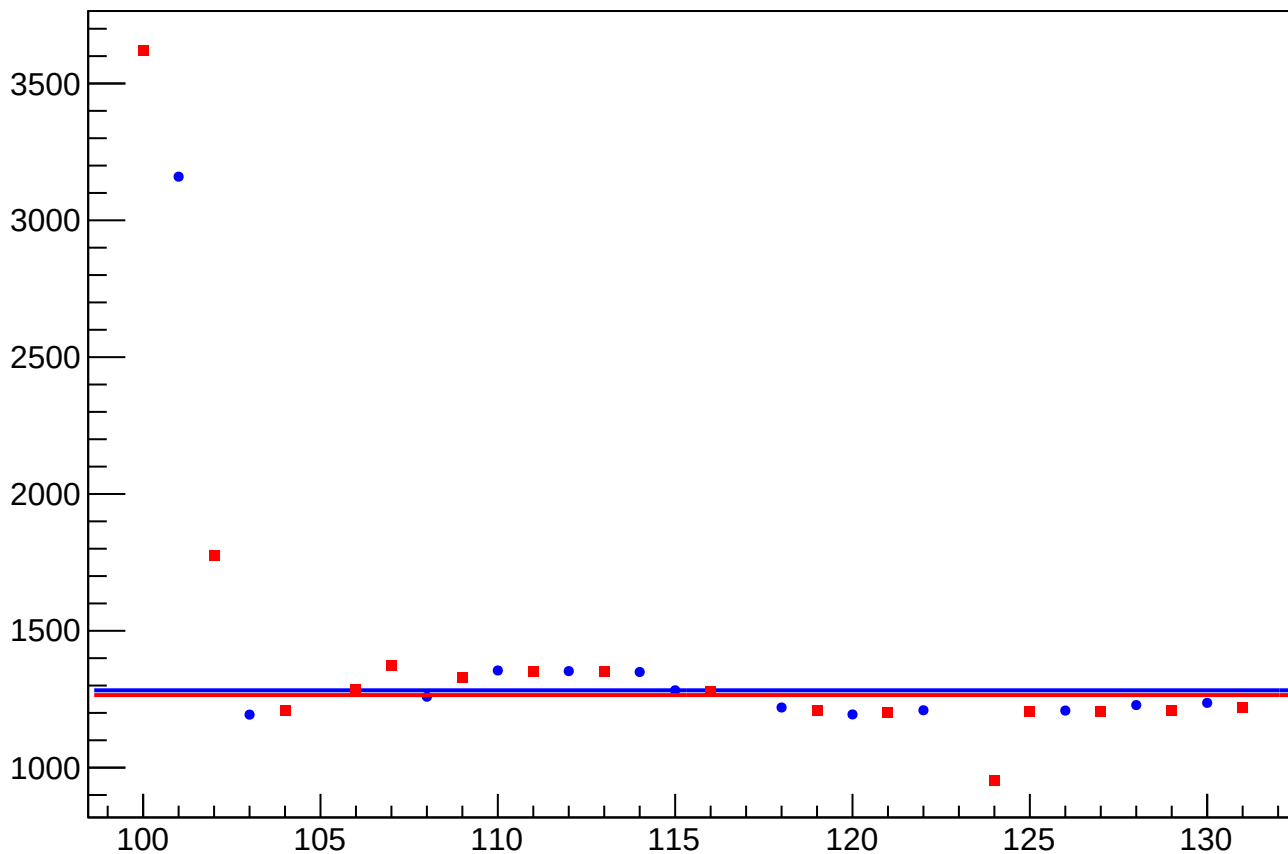
Right: 23.233 $\pm$ 379.069 χ^2 /NDF: 32.3/28

In: 608.284 $\pm$ 558.725 χ^2 /NDF:16.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.233 $\pm$ 379.069 χ^2 /NDF: 32.3/28

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

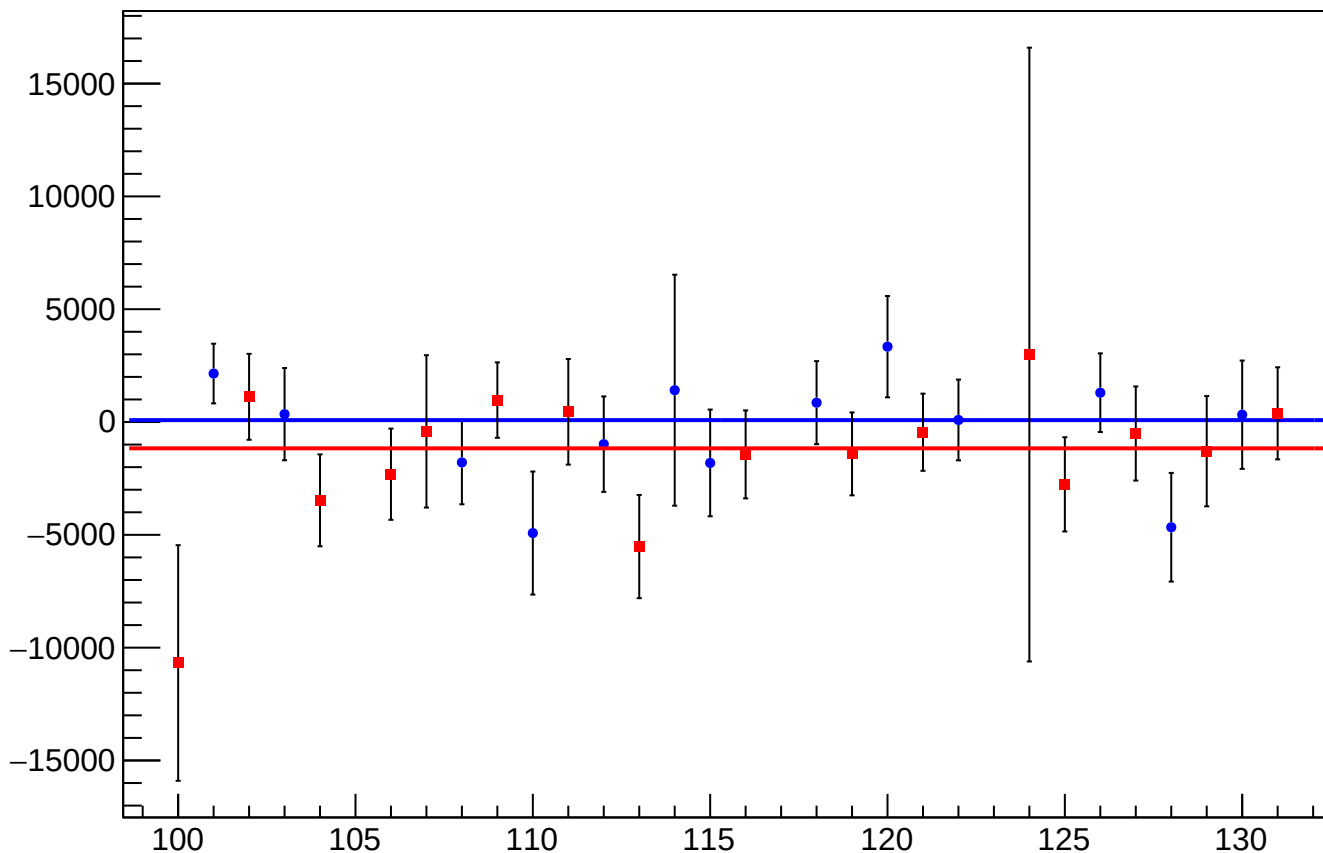
Right: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1166.315+/-543.023 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

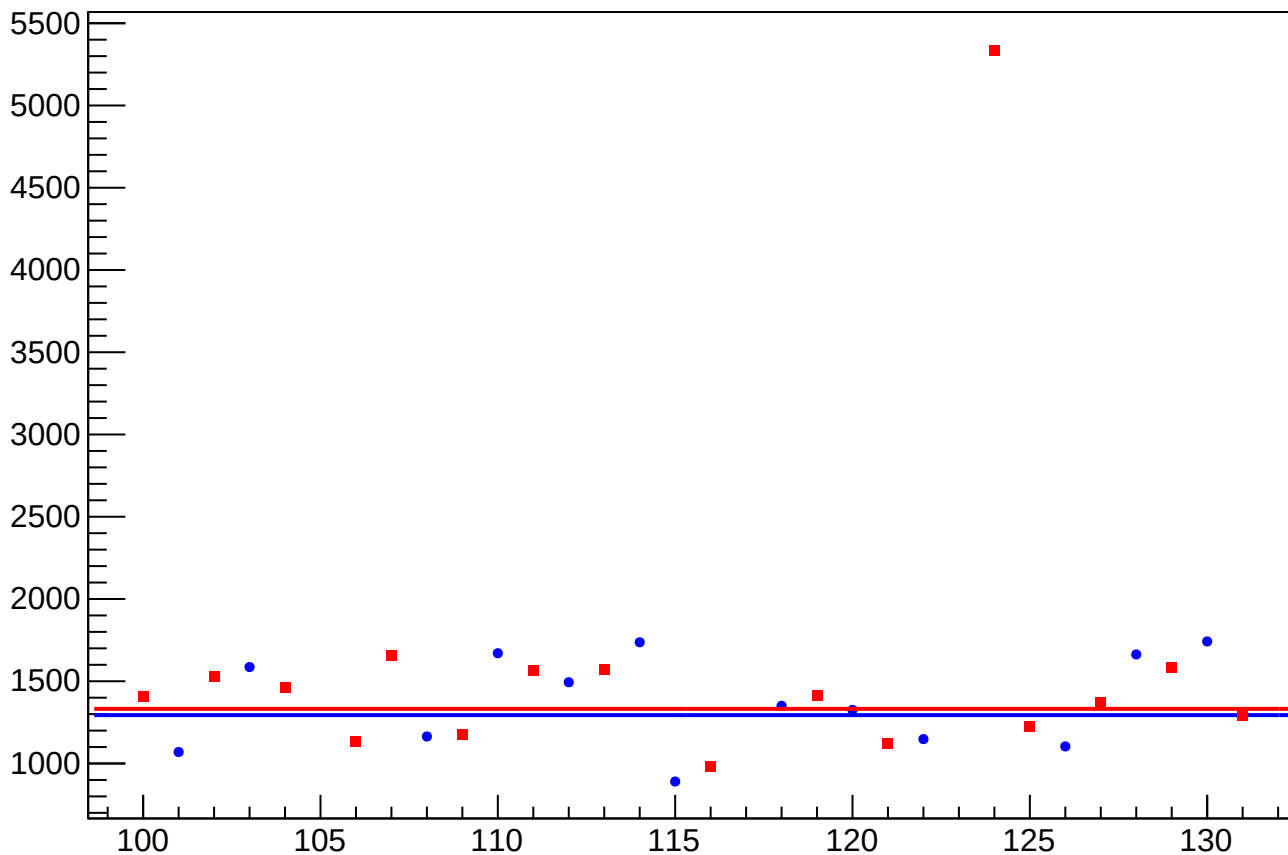
Right: -563.657+/-390.793 χ^2/NDF : 30.7/28

In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.657+/-390.793 χ^2/NDF : 30.7/28

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.193+/-0.384 χ^2/NDF : 427727.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

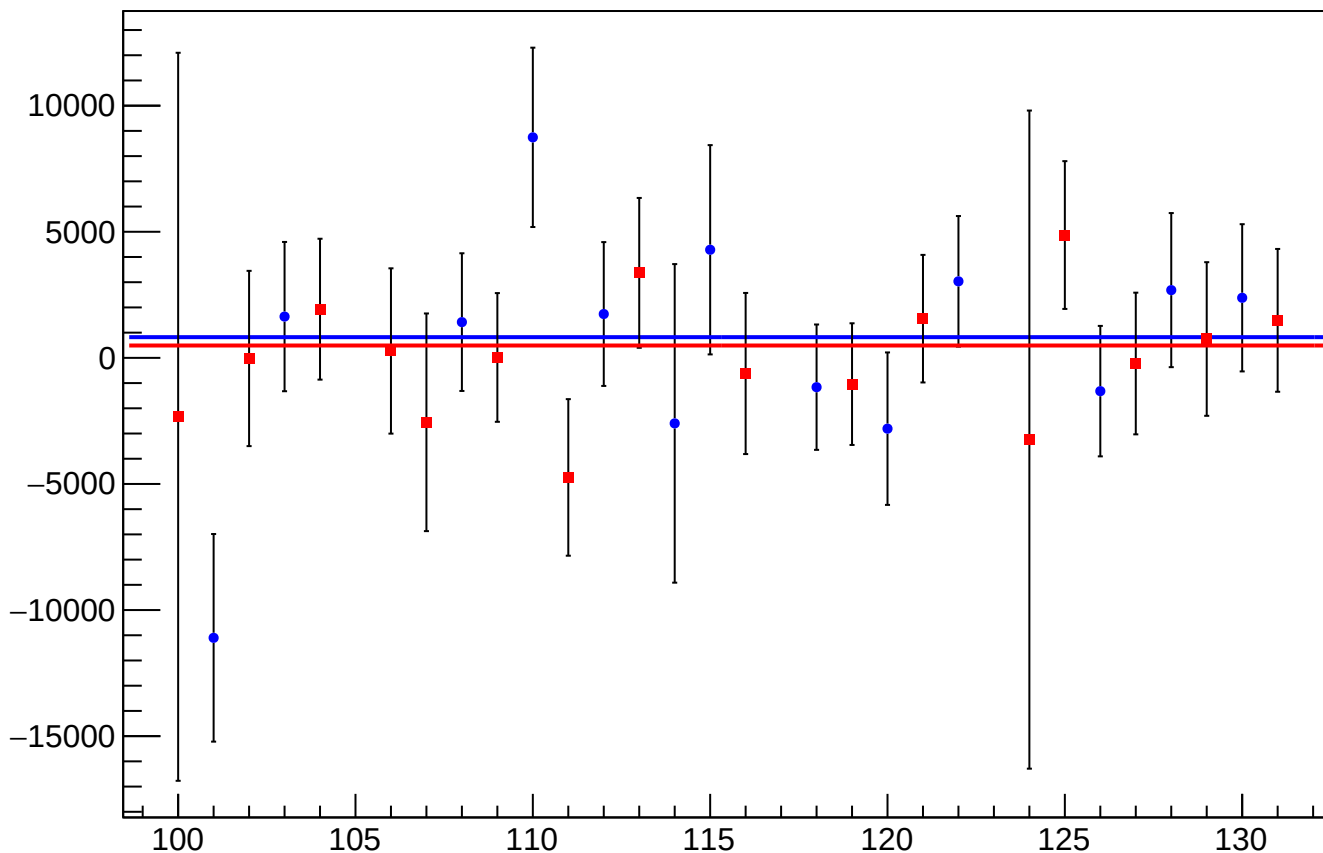
Right: 1313.804+/-0.276 χ^2/NDF : 825785.7/28

In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.804+/-0.276 χ^2/NDF : 825785.7/28

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 821.030+/-849.097 χ^2/NDF : 18.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.136+/-780.642 χ^2/NDF : 7.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

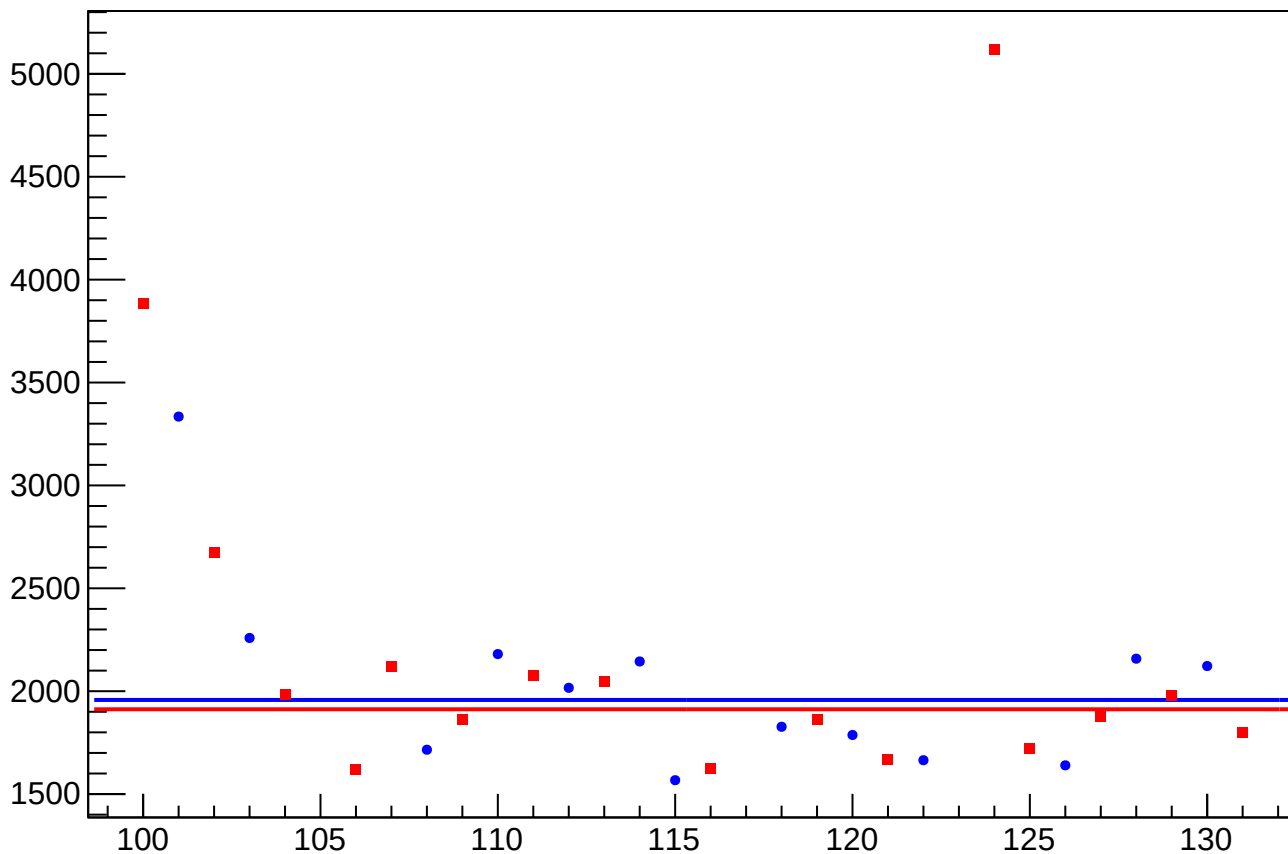
Right: 641.708+/-574.676 χ^2/NDF : 26.7/28

In: 821.030+/-849.097 χ^2/NDF : 18.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.708+/-574.676 χ^2/NDF : 26.7/28

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.089+/-0.552 χ^2/NDF : 335714.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

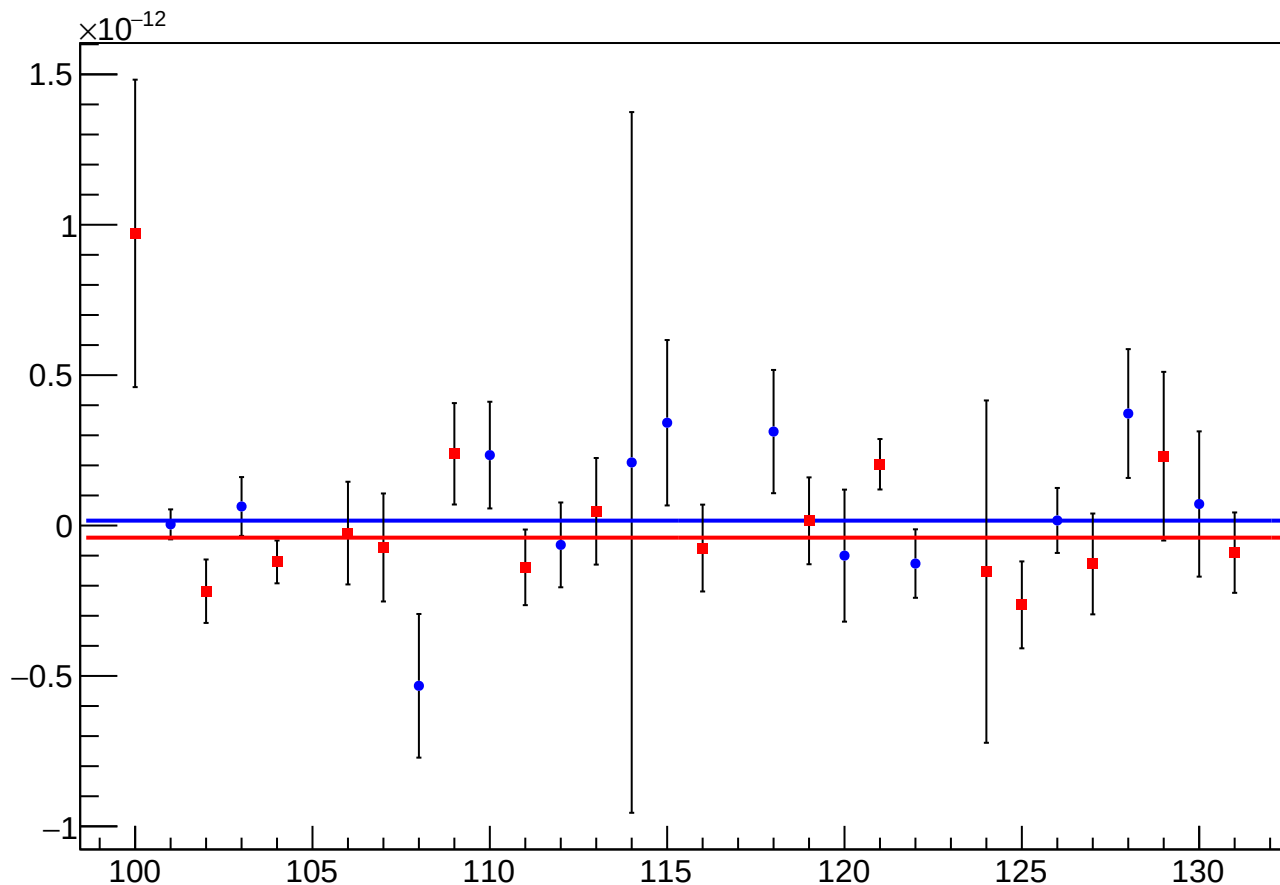
Right: 1932.884+/-0.406 χ^2/NDF : 709820.4/28

In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.884+/-0.406 χ^2/NDF : 709820.4/28

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 24.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

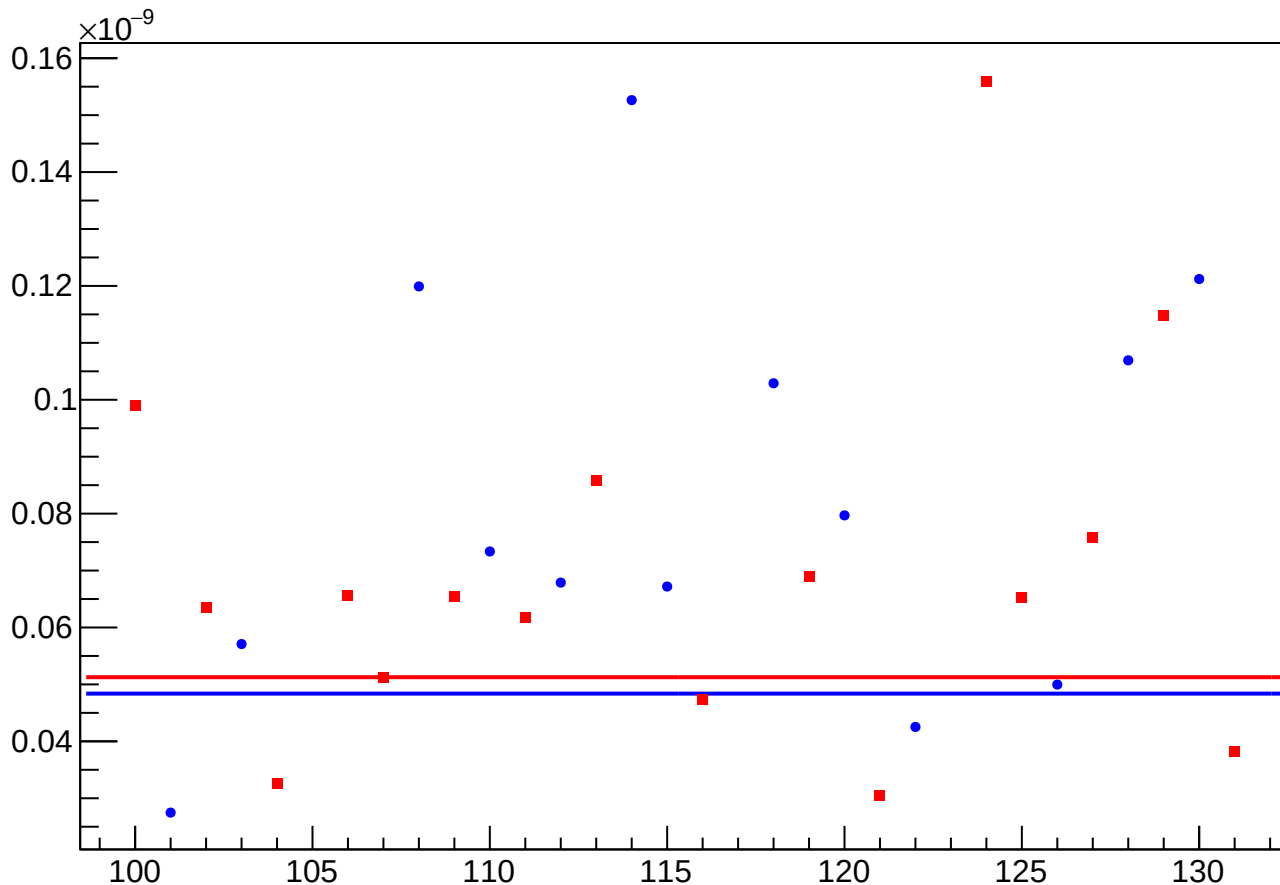
Right: -0.000+/-0.000 χ^2/NDF : 41.1/28

In: 0.000+/-0.000 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.1/28

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704491.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

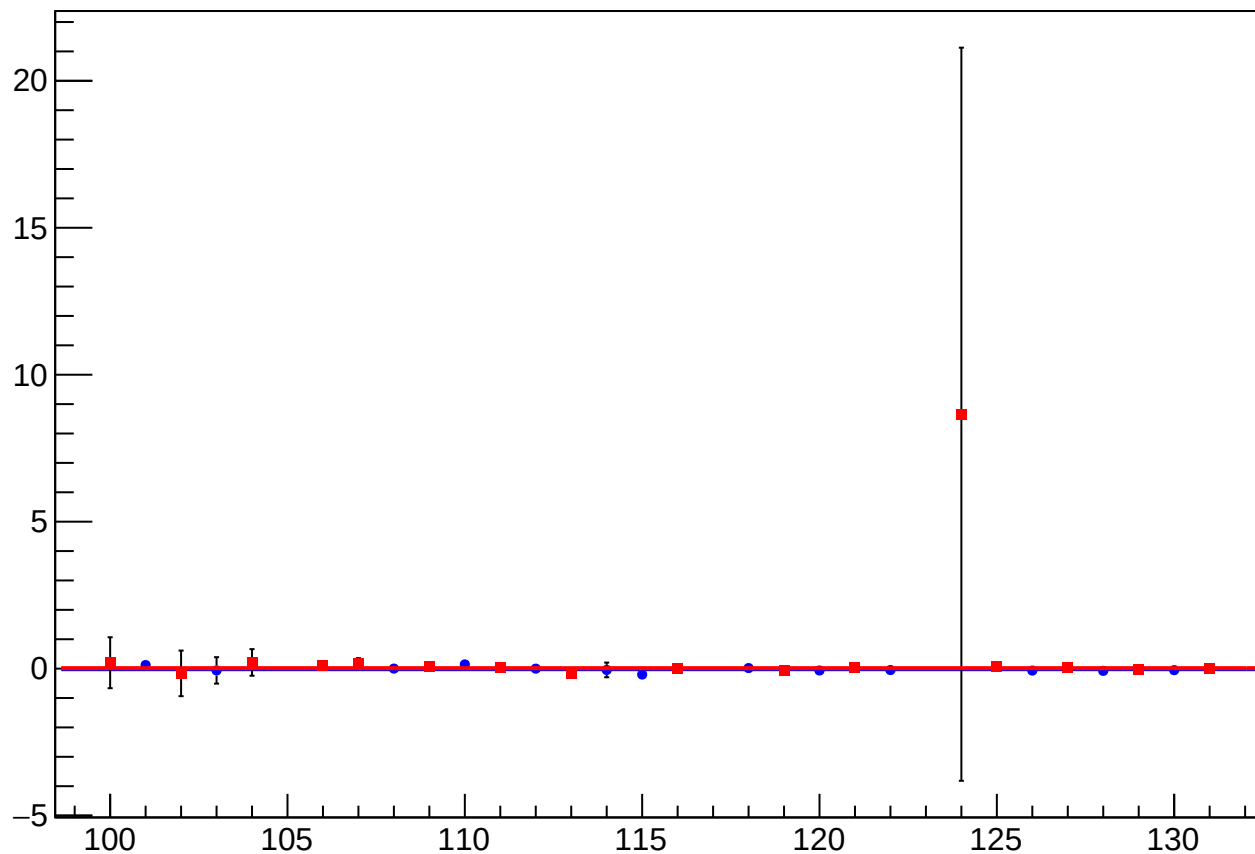
Right: 0.000+/-0.000 χ^2/NDF : 1882023.0/28

In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1882023.0/28

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.020 χ^2 /NDF: 11.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

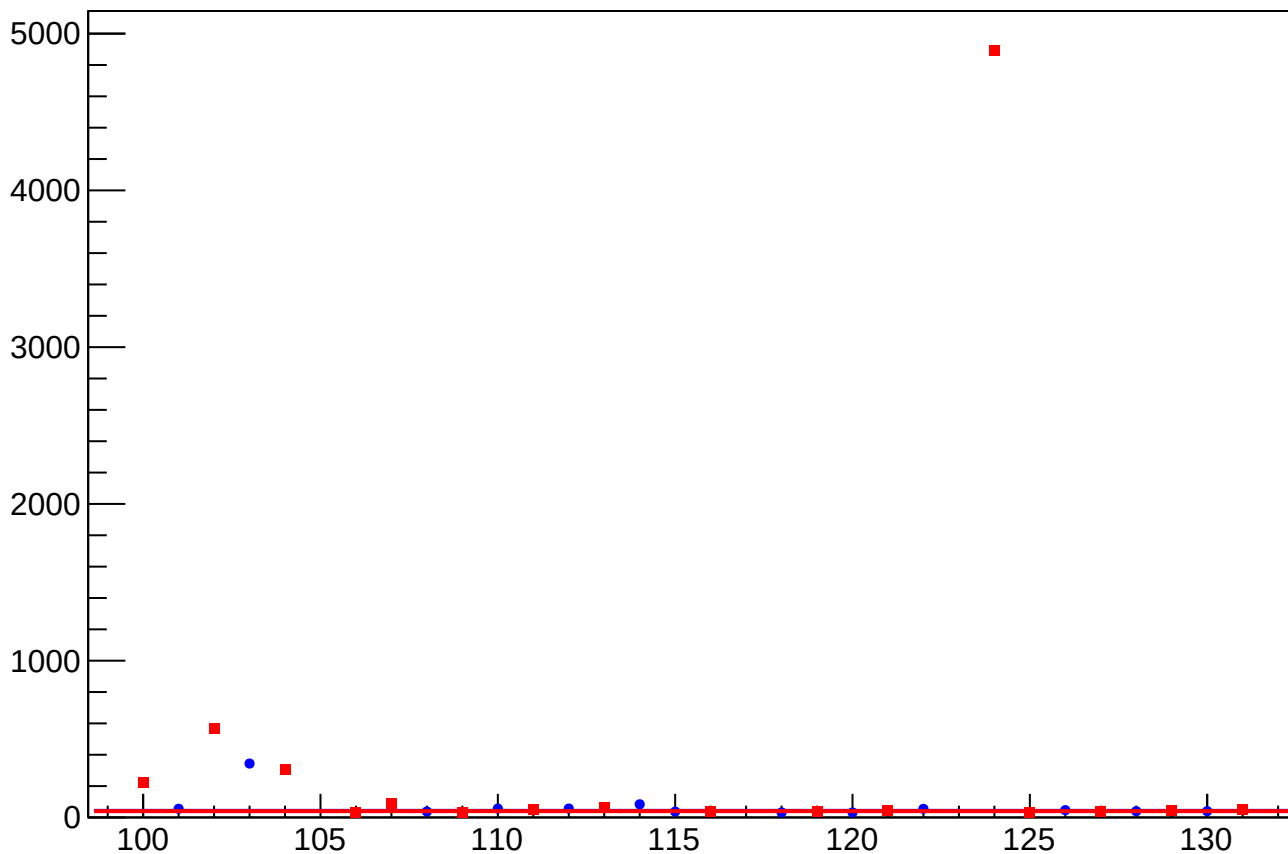
Right: -0.000 $\pm$ 0.014 χ^2 /NDF: 25.2/28

In: -0.019 $\pm$ 0.020 χ^2 /NDF: 12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.014 χ^2 /NDF: 25.2/28

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

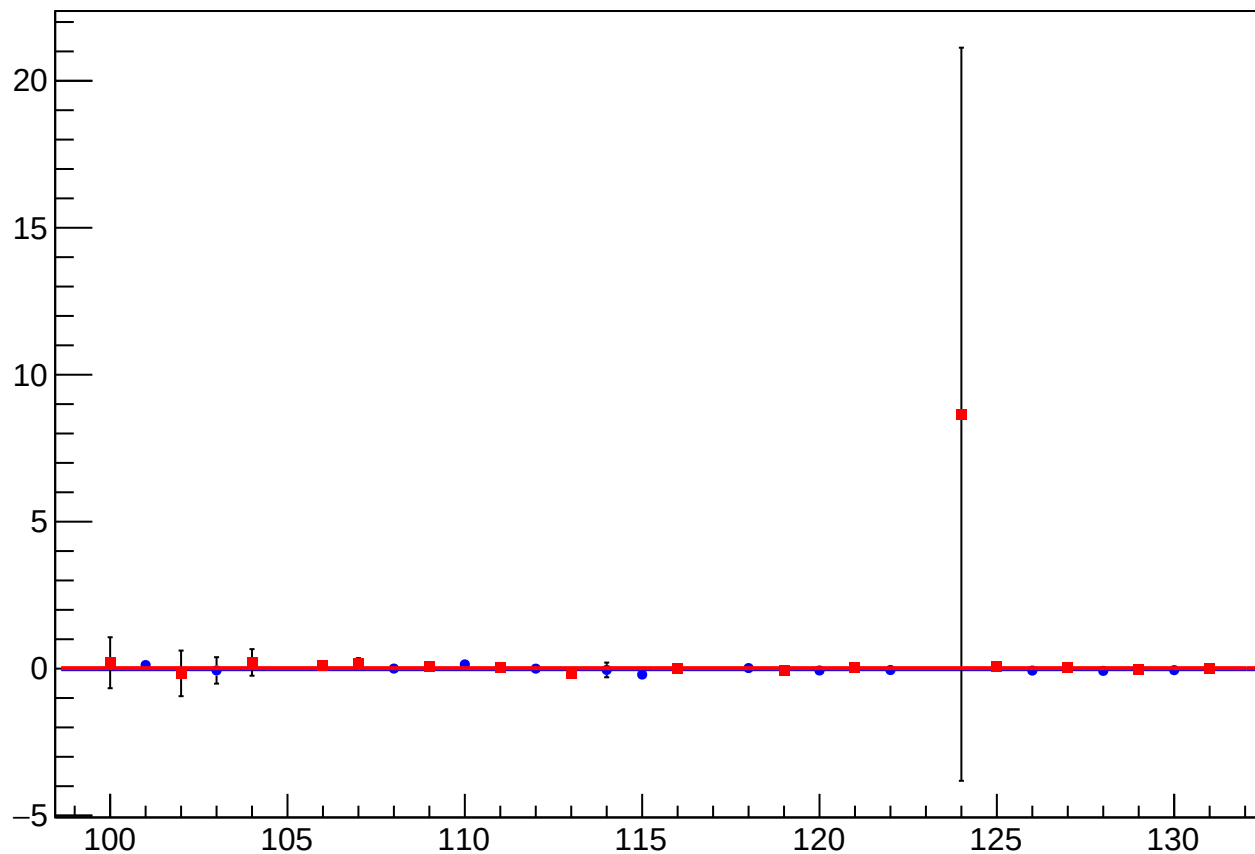
Right: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.020 χ^2 /NDF: 11.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

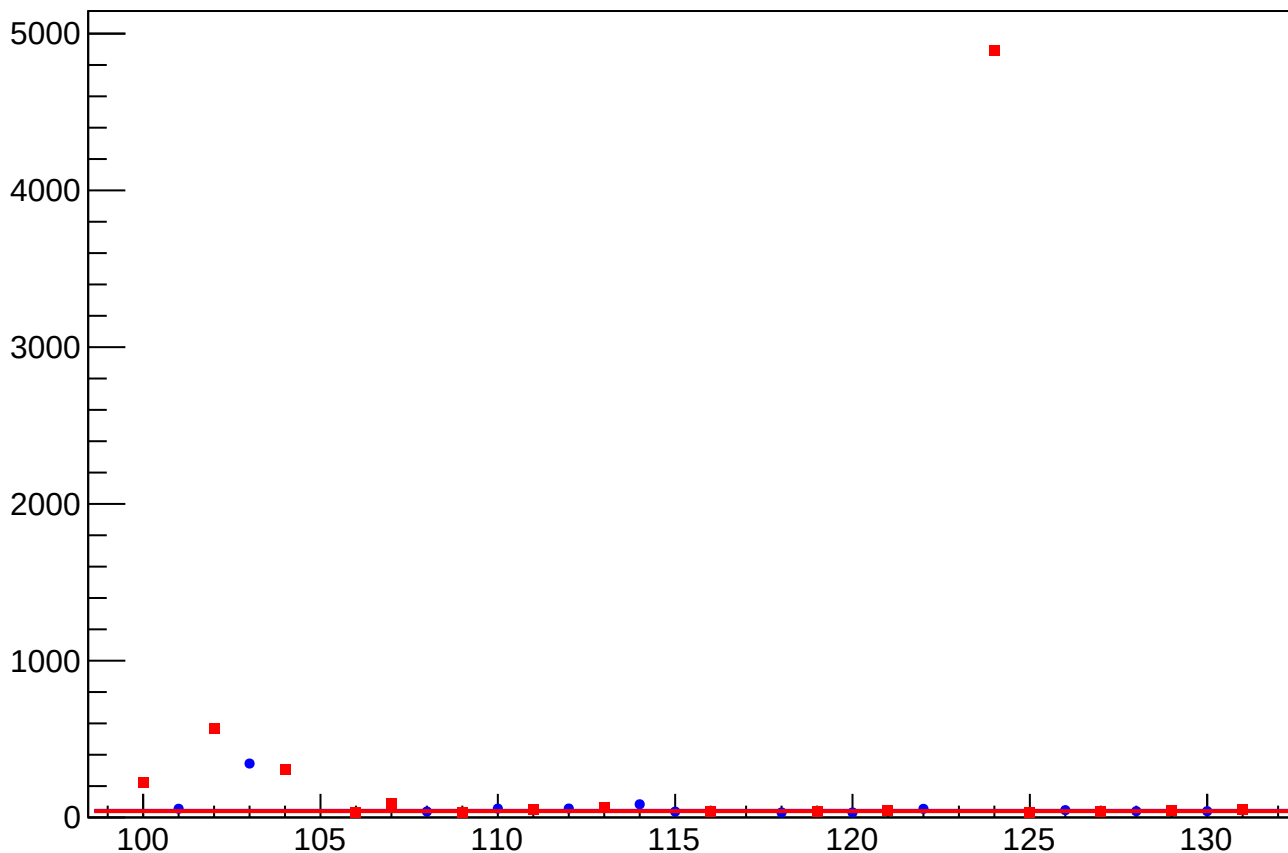
Right: -0.000 $\pm$ 0.014 χ^2 /NDF: 25.2/28

In: -0.019 $\pm$ 0.020 χ^2 /NDF:12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.014 χ^2 /NDF: 25.2/28

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

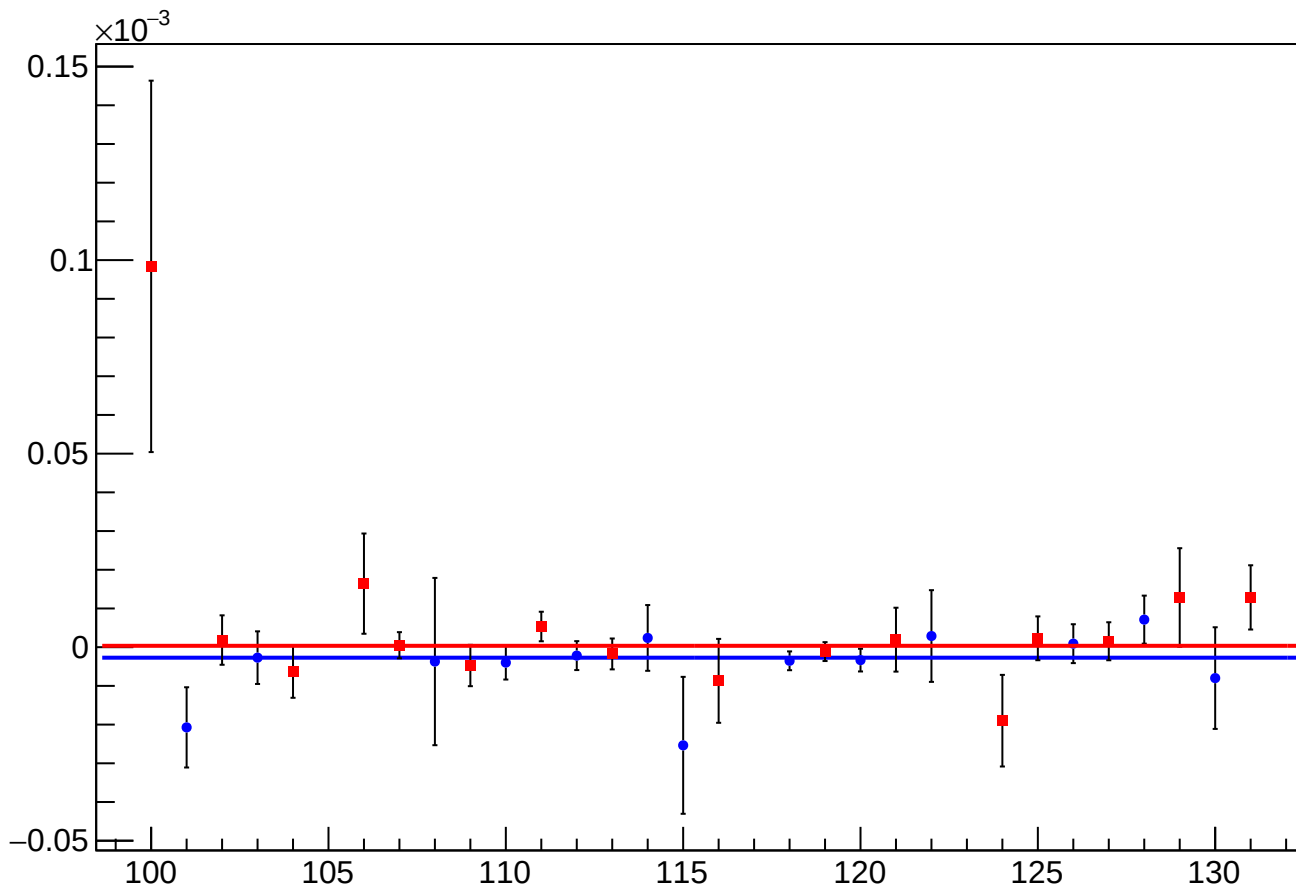
Right: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

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 : 8.7/12

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

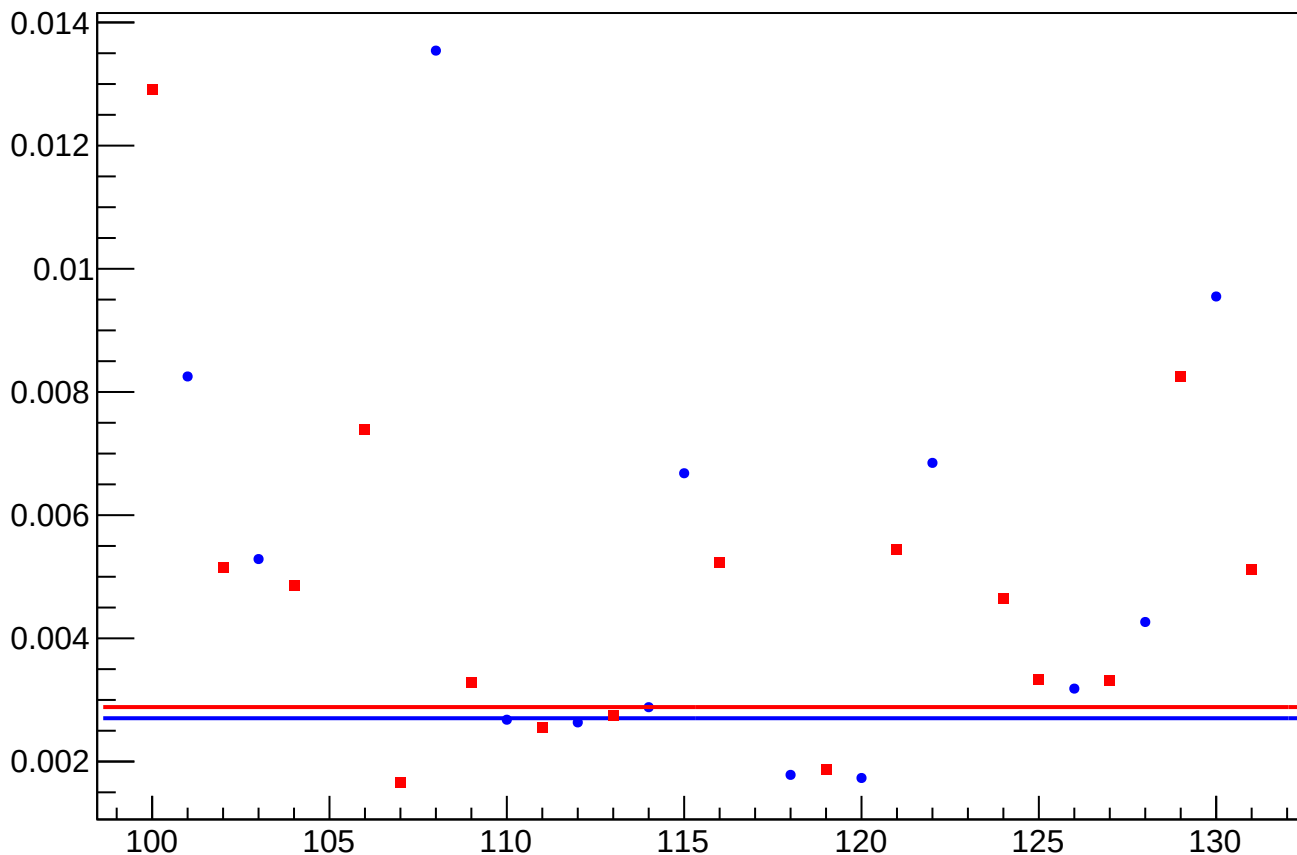
Right: -0.000+/-0.000 χ^2/NDF : 28.2/28

In: -0.000+/-0.000 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/28

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 : 2907921.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2249298.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

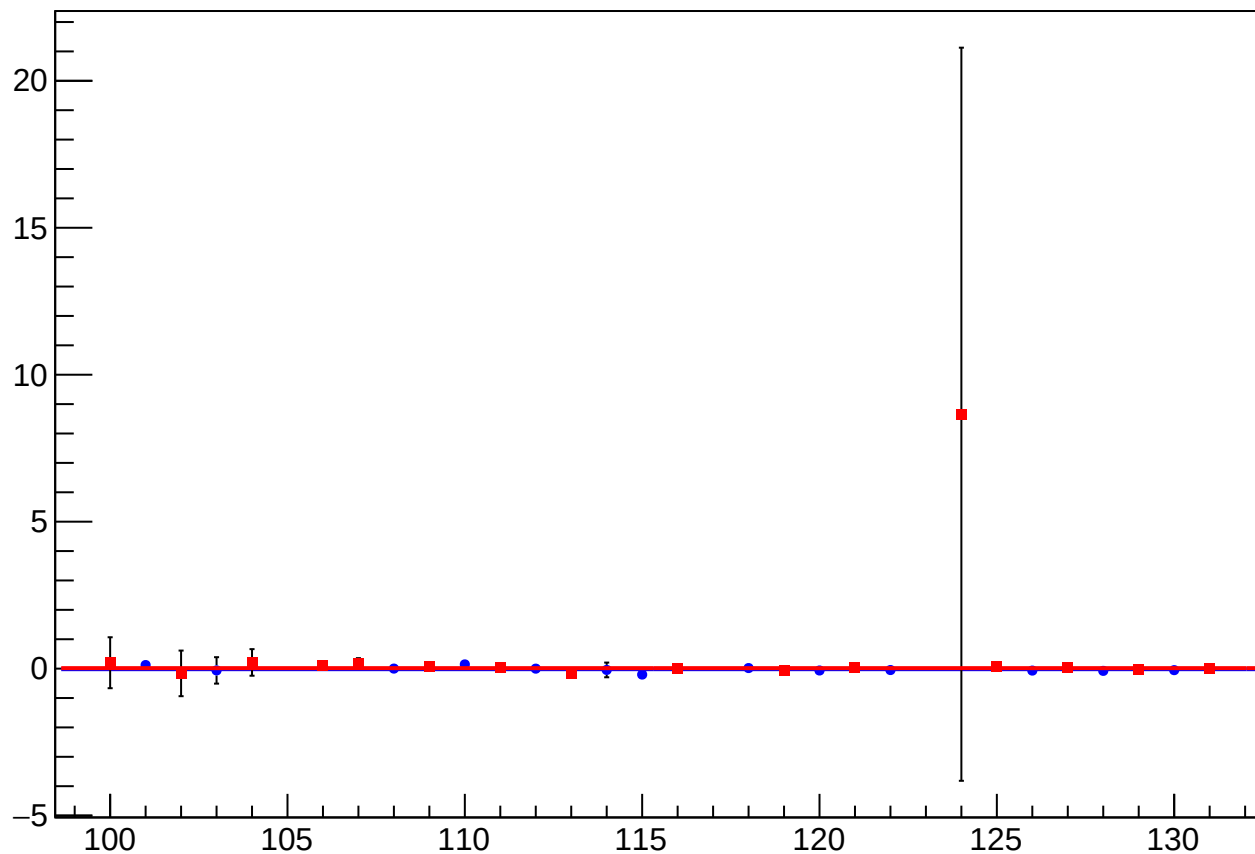
Right: 0.003+/-0.000 χ^2/NDF : 5175813.4/28

In: 0.003+/-0.000 χ^2/NDF : 2907921.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5175813.4/28

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

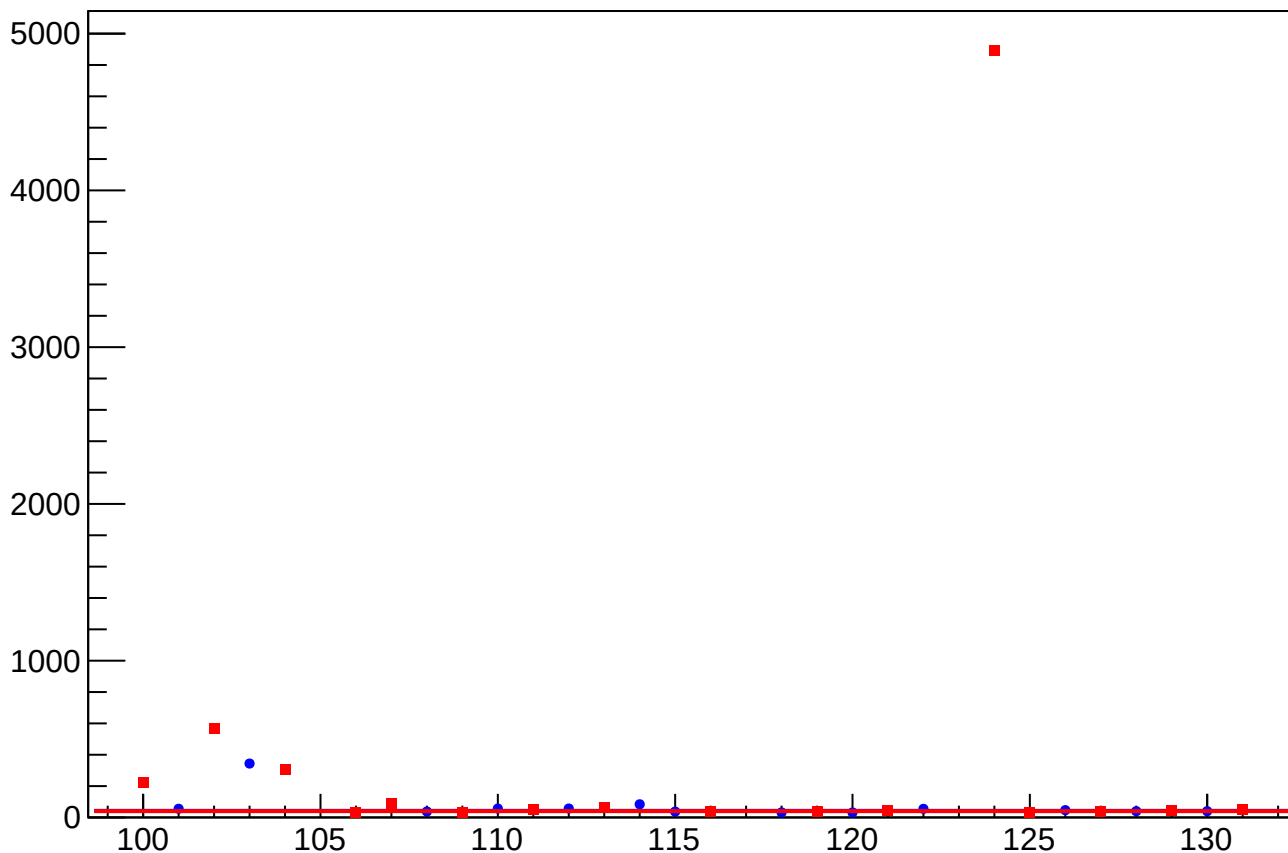
Right: -0.000+/-0.014 χ^2/NDF : 25.2/28

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.2/28

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.335 $\pm$ 0.014 χ^2 /NDF: 2449119.4/15

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

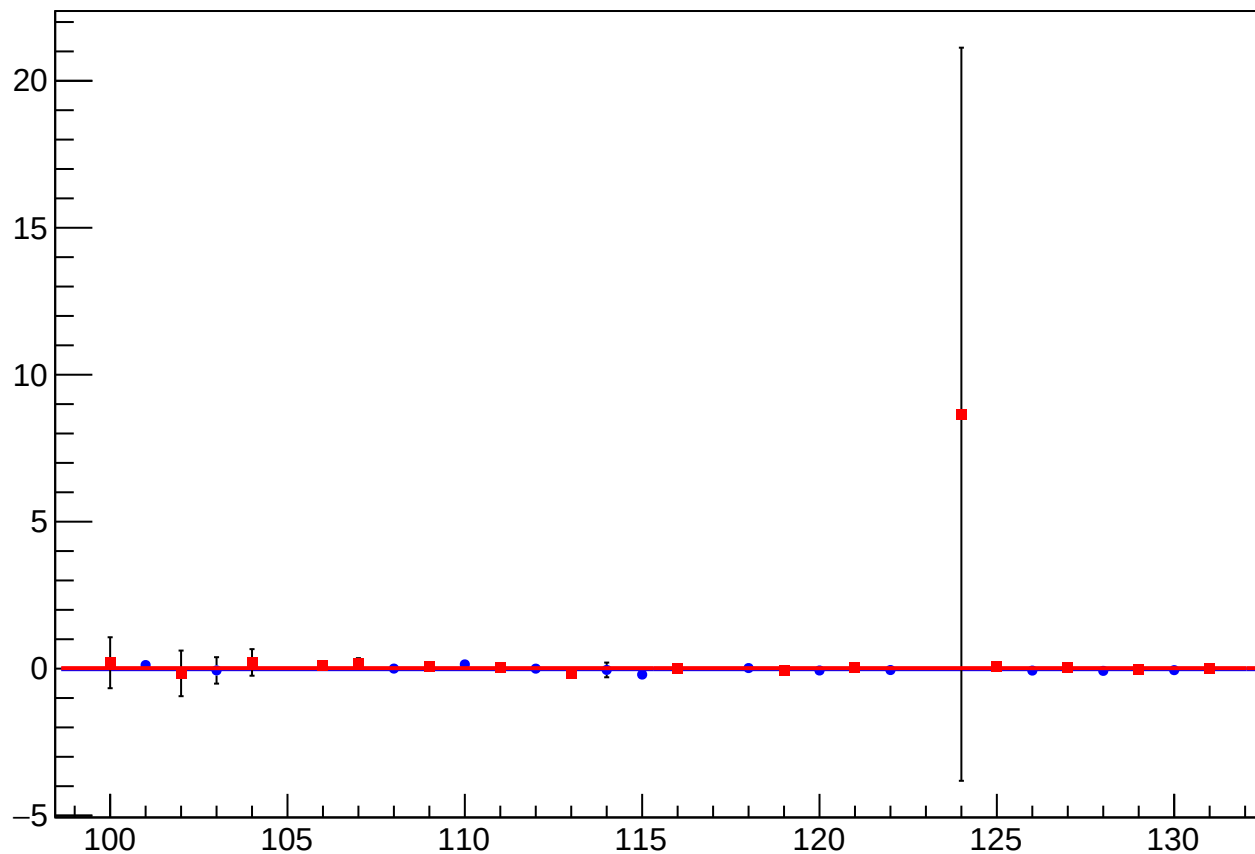
Right: 41.183 $\pm$ 0.010 χ^2 /NDF: 3811081.8/28

In: 42.102 $\pm$ 0.014 χ^2 /NDF:1354160.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.183 $\pm$ 0.010 χ^2 /NDF: 3811081.8/28

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

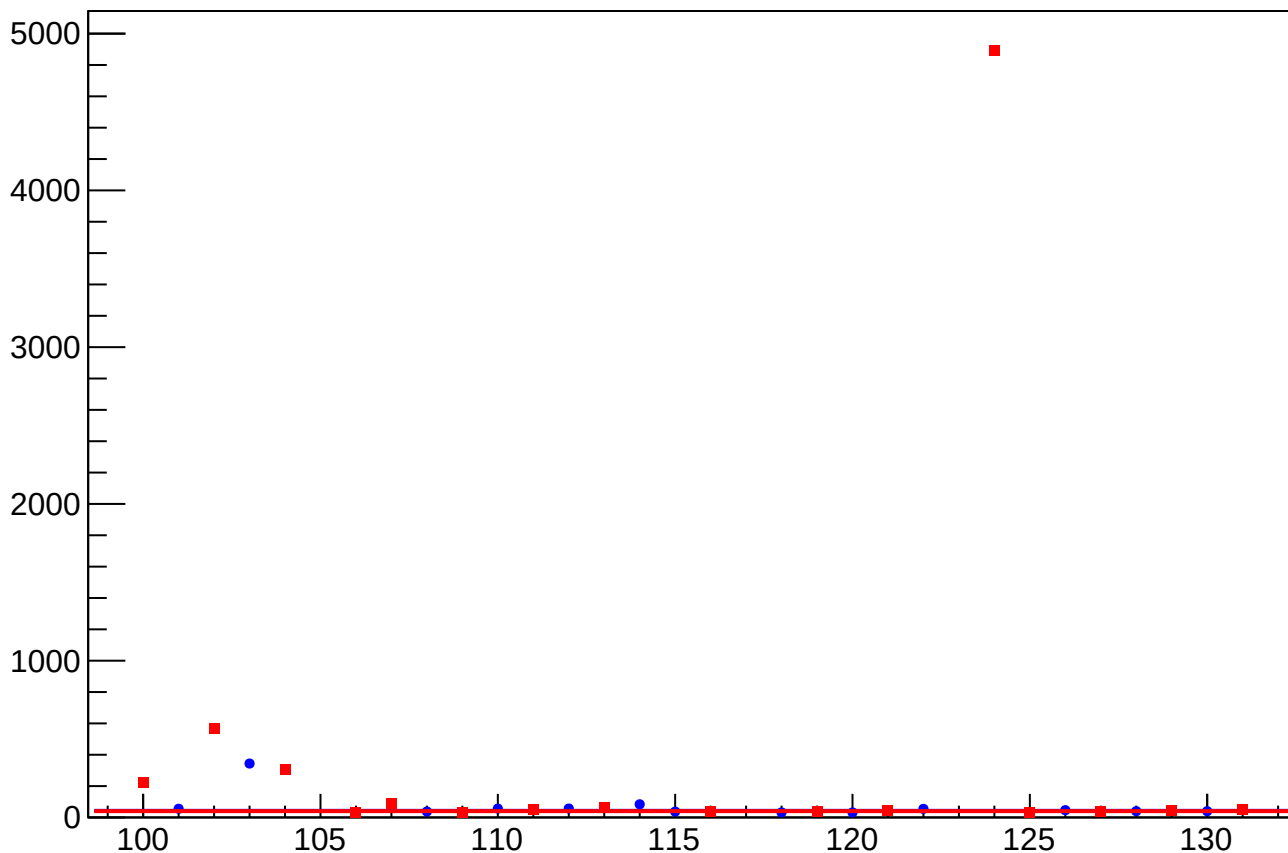
Right: -0.000+/-0.014 χ^2/NDF : 25.2/28

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.2/28

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

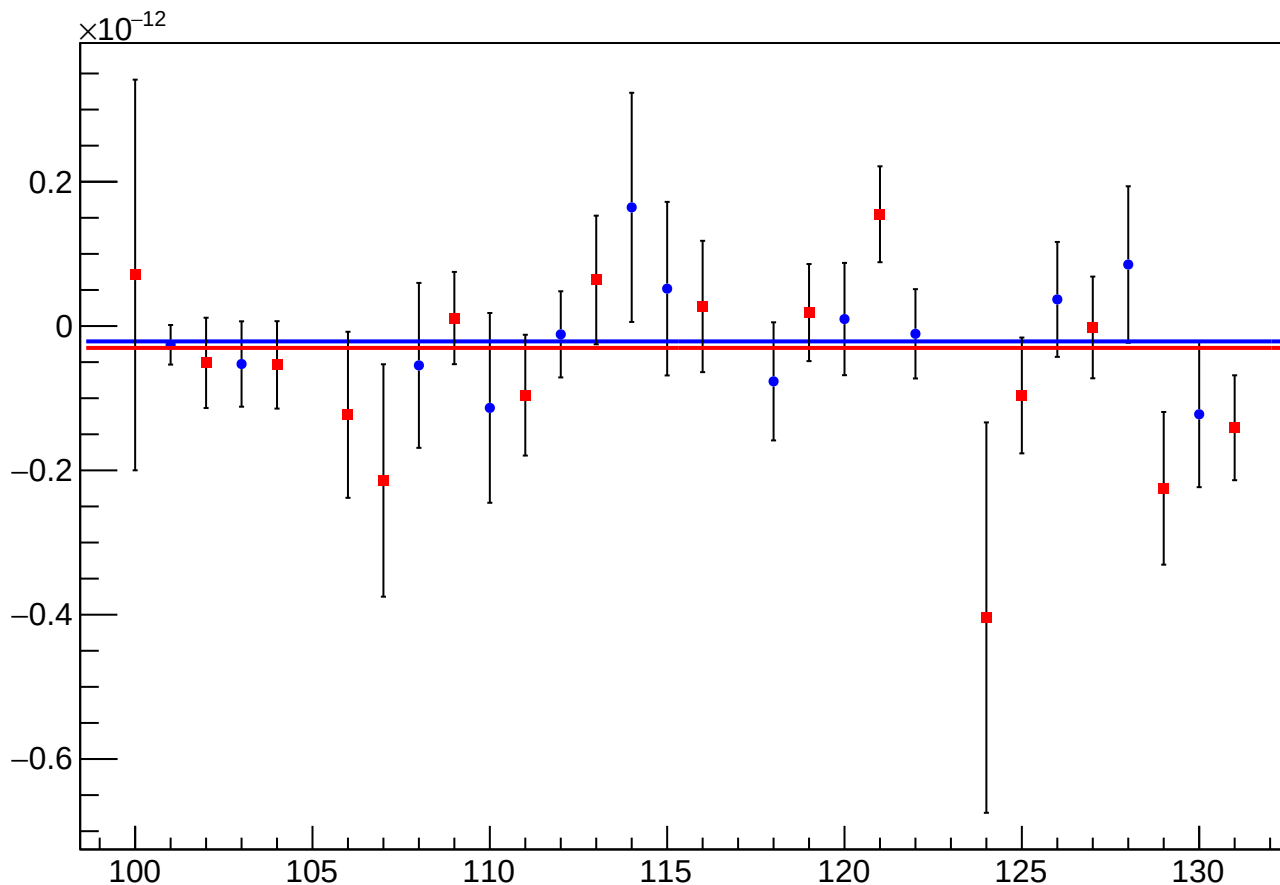
Right: 41.183+/-0.010 χ^2/NDF : 3811081.8/28

In: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.183+/-0.010 χ^2/NDF : 3811081.8/28

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: 5.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

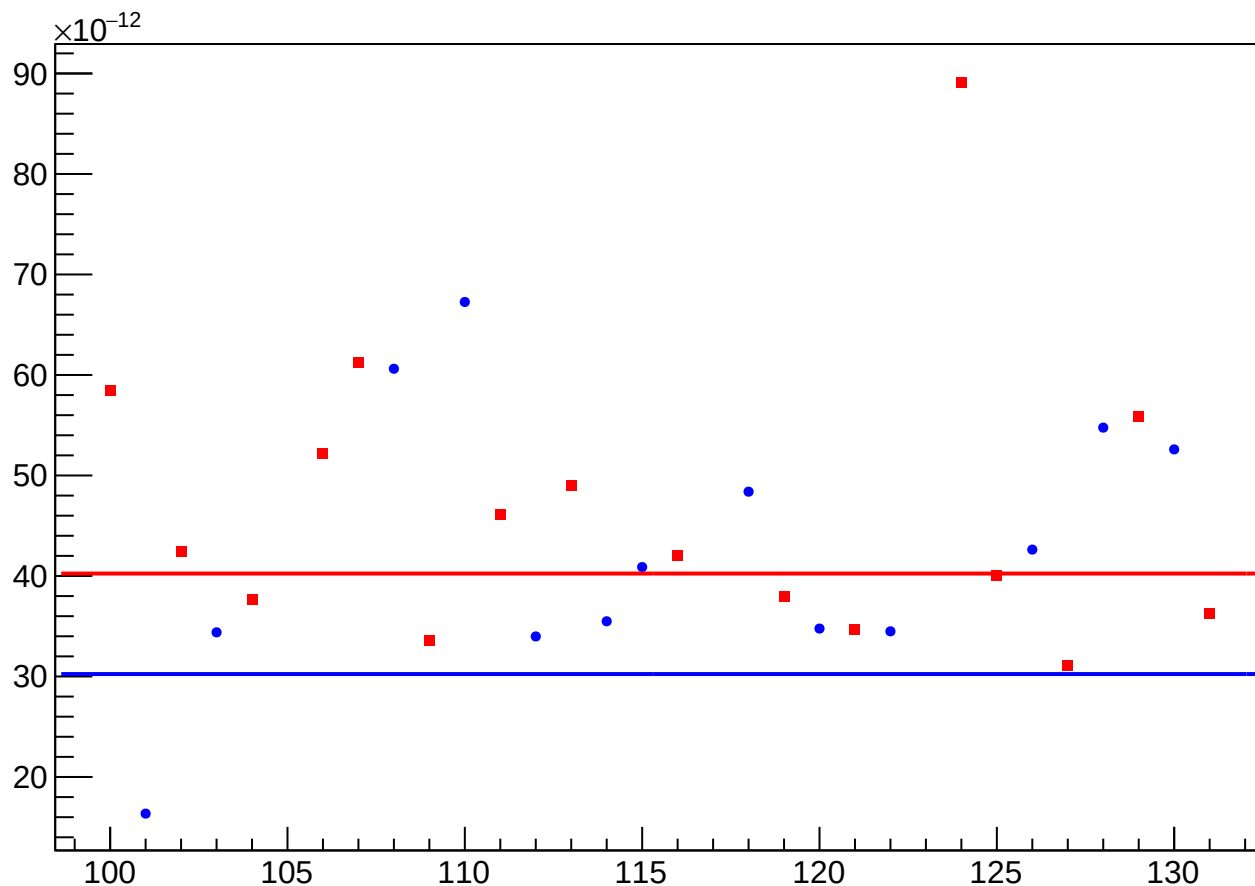
Right: -0.000+/-0.000 χ^2 /NDF: 27.5/28

In: -0.000+/-0.000 χ^2 /NDF:5.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.5/28

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 : 1210689.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287415.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

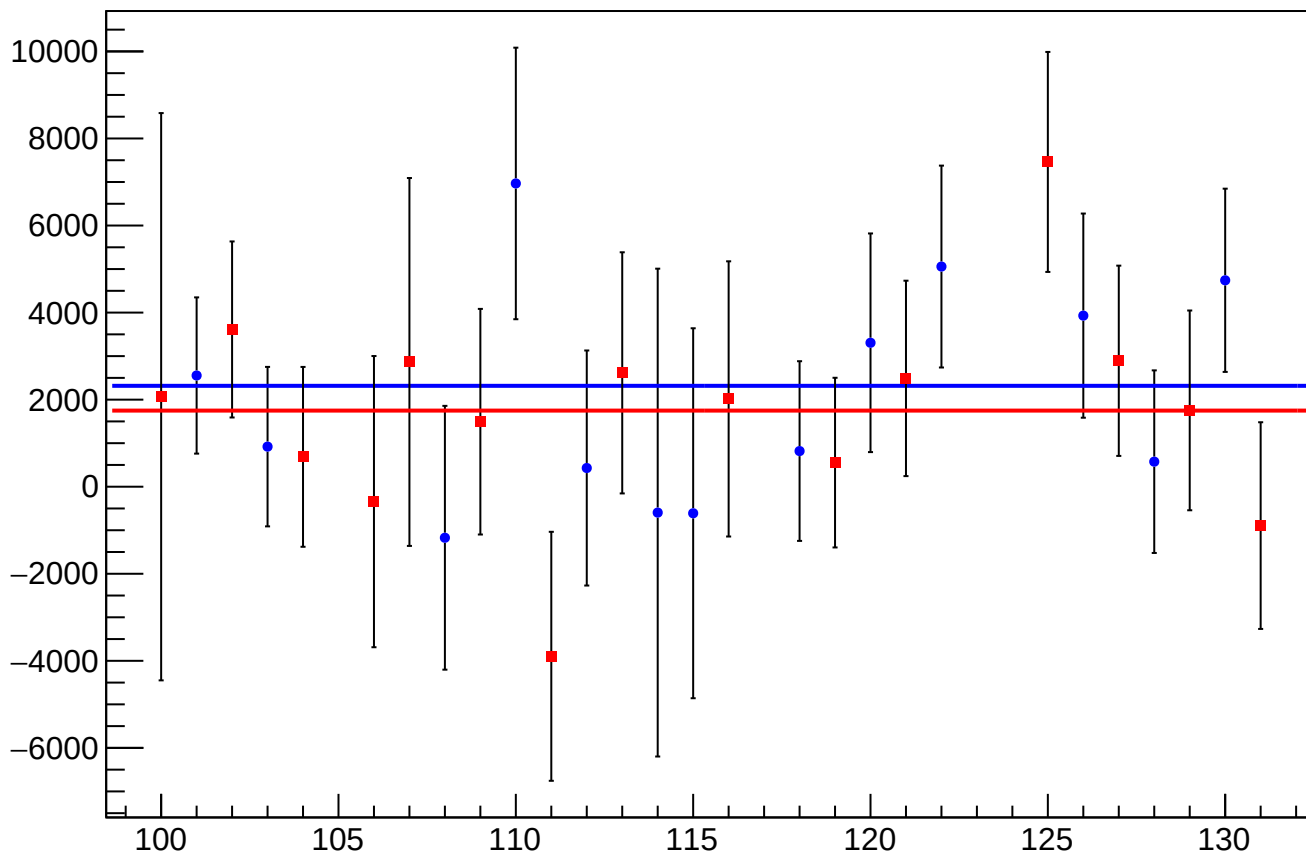
Right: 0.000+/-0.000 χ^2/NDF : 1766085.1/28

In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1766085.1/28

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.615+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1748.654+/-653.097 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

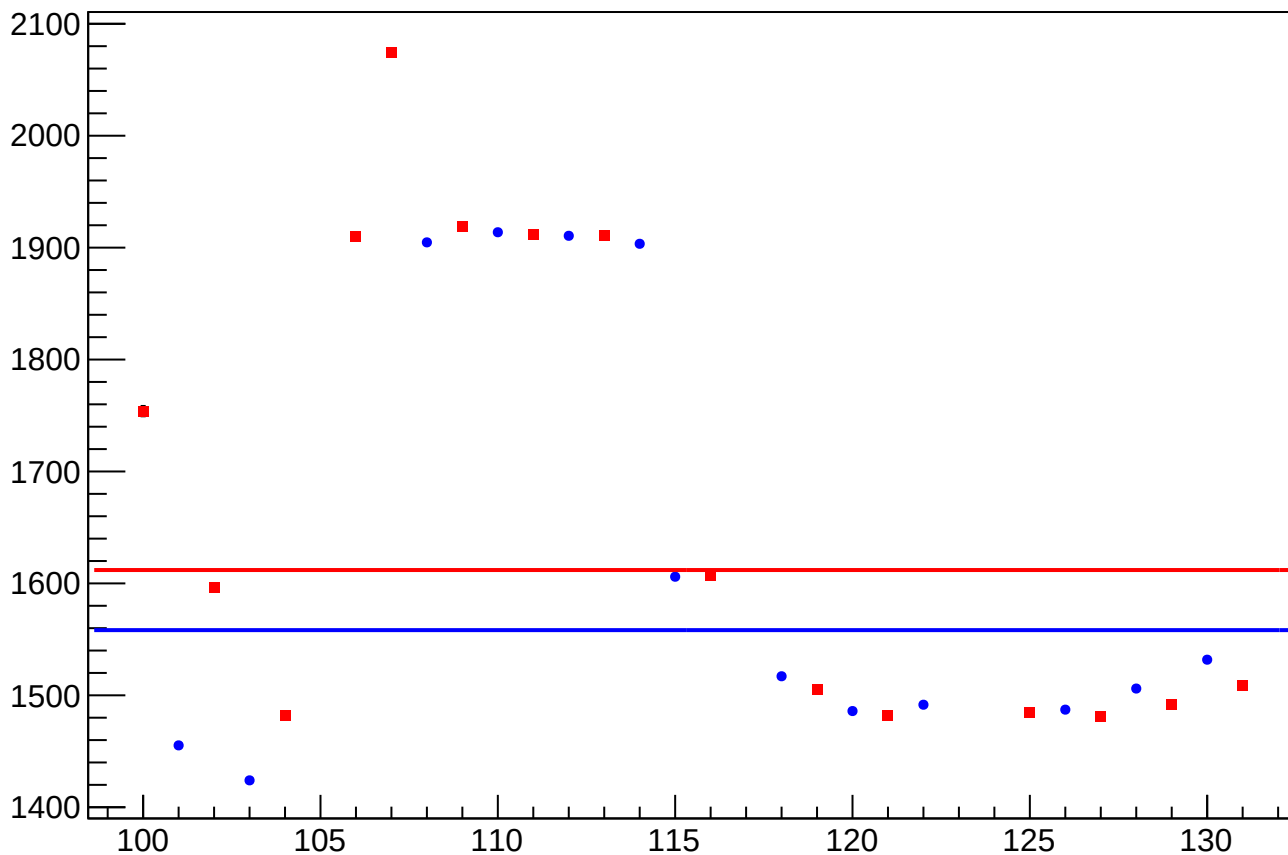
Right: 2027.833+/-466.092 χ^2/NDF : 23.0/27

In: 2317.615+/-665.383 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.833+/-466.092 χ^2/NDF : 23.0/27

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.940+/-0.462 χ^2/NDF : 156468.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

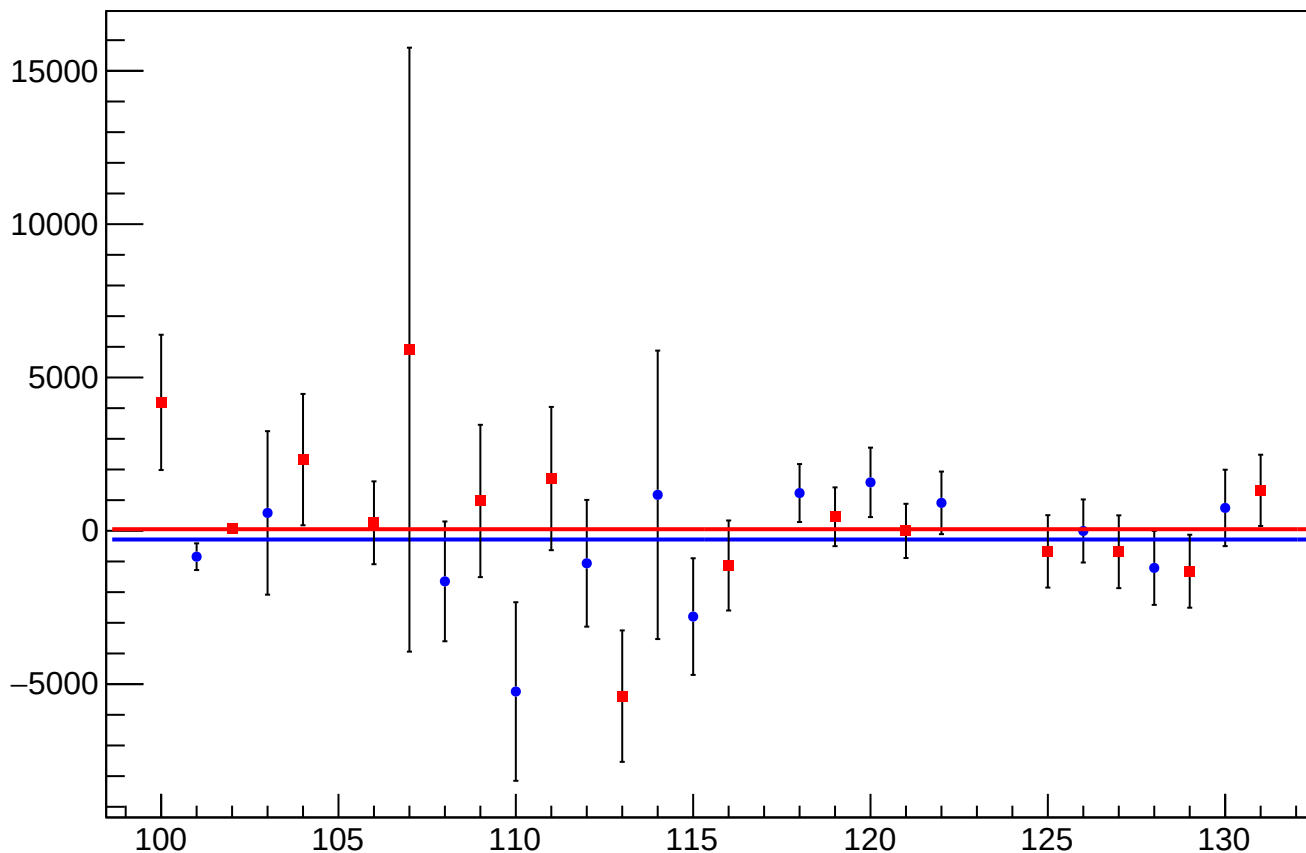
Right: 1585.593+/-0.330 χ^2/NDF : 281947.7/27

In: 1558.246+/-0.470 χ^2/NDF : 118846.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.593+/-0.330 χ^2/NDF : 281947.7/27

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -283.356+/-295.031 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.376+/-129.141 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

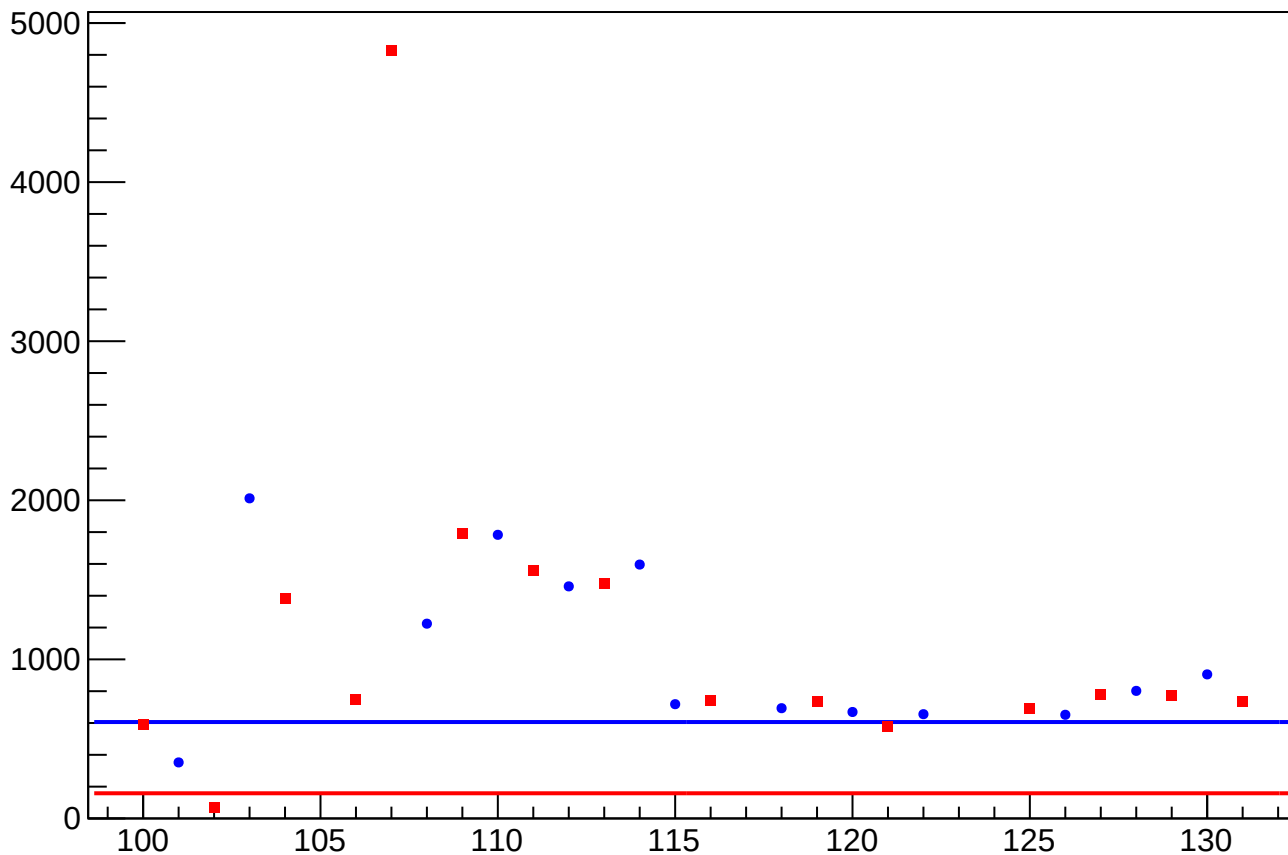
Right: -1.607+/-118.304 χ^2/NDF : 32.4/27

In: -283.356+/-295.031 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.607+/-118.304 χ^2/NDF : 32.4/27

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 606.086+/-0.209 χ^2/NDF : 2399875.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.276+/-0.091 χ^2/NDF : 8201226.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

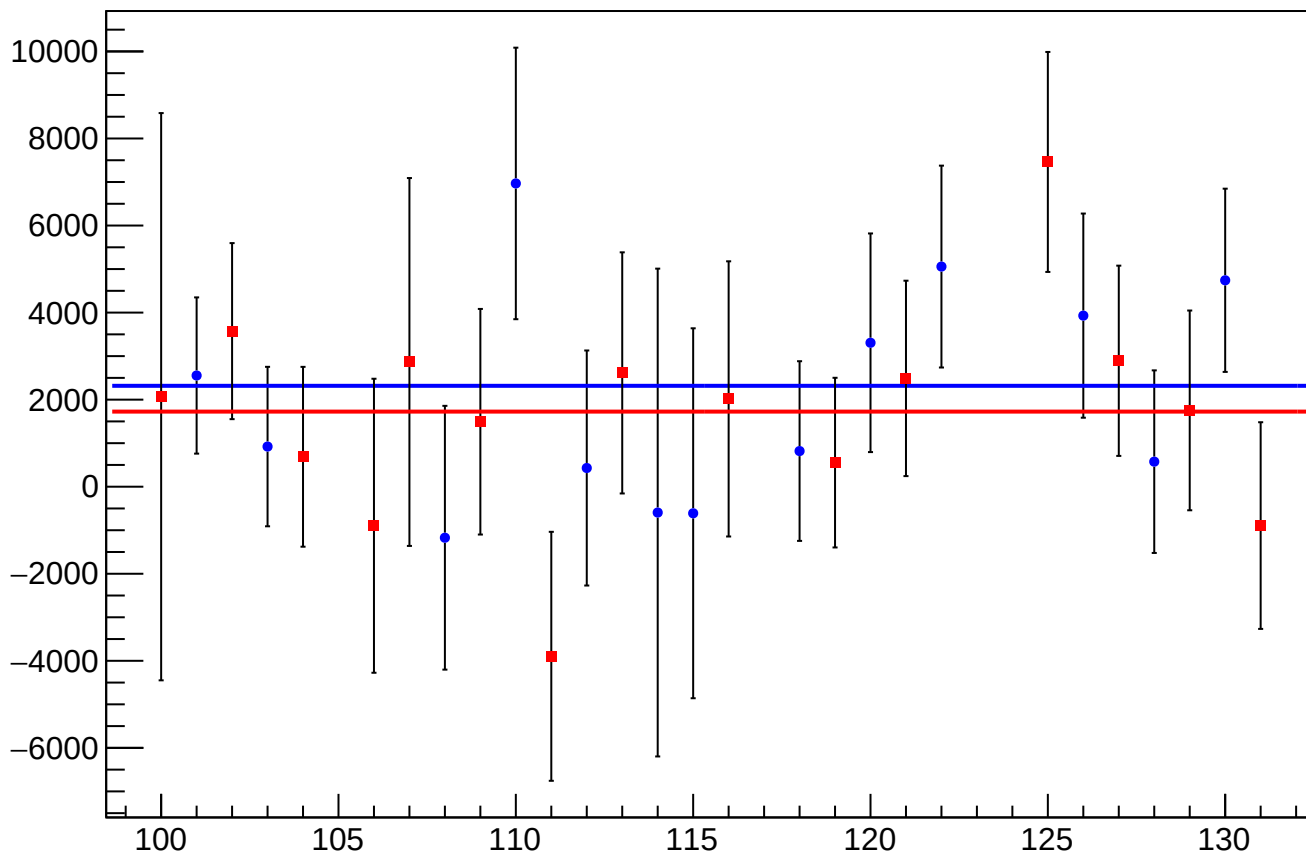
Right: 230.280+/-0.084 χ^2/NDF : 14467901.1/27

In: 606.086+/-0.209 χ^2/NDF : 2399875.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.280+/-0.084 χ^2/NDF : 14467901.1/27

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.395+/-653.344 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

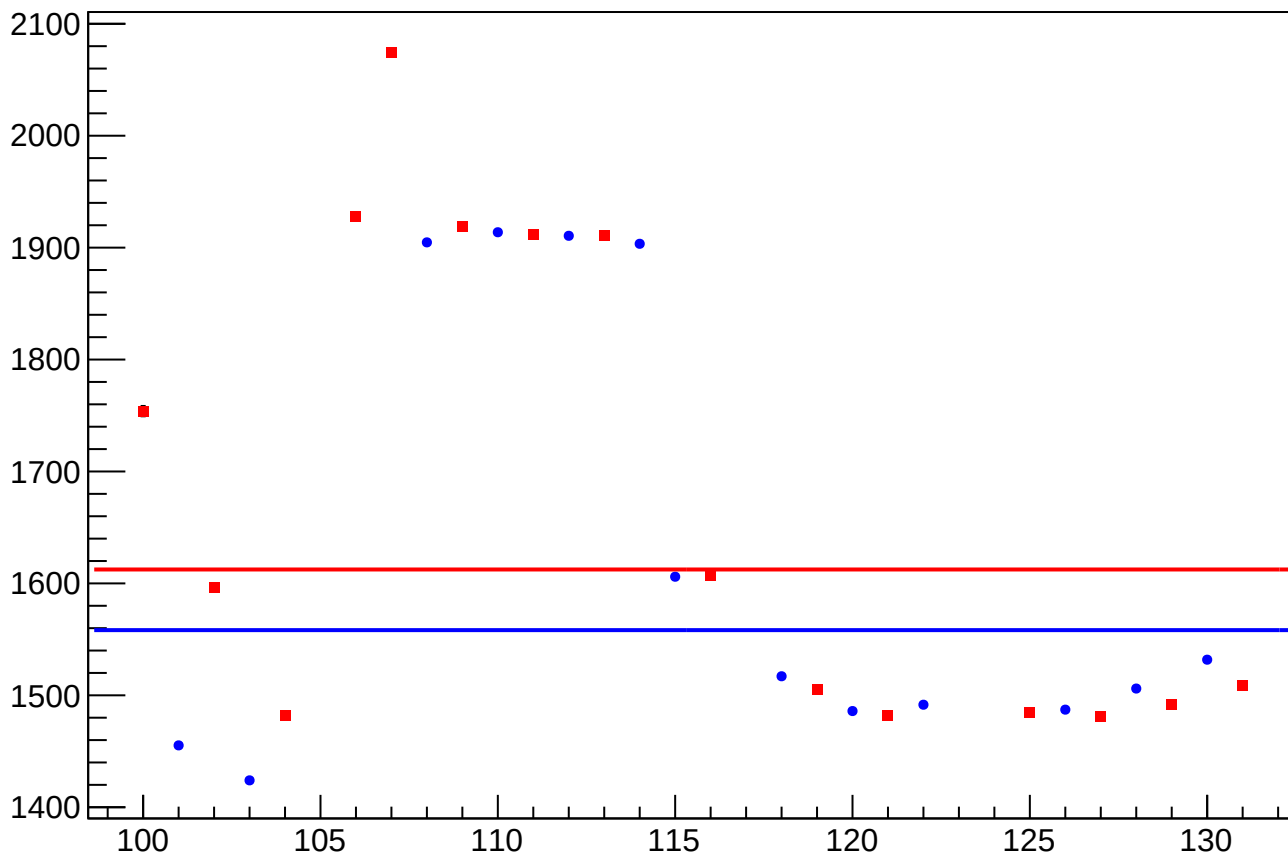
Right: 2016.204+/-466.182 χ^2/NDF : 23.2/27

In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2016.204+/-466.182 χ^2/NDF : 23.2/27

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.431+/-0.462 χ^2/NDF : 158135.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

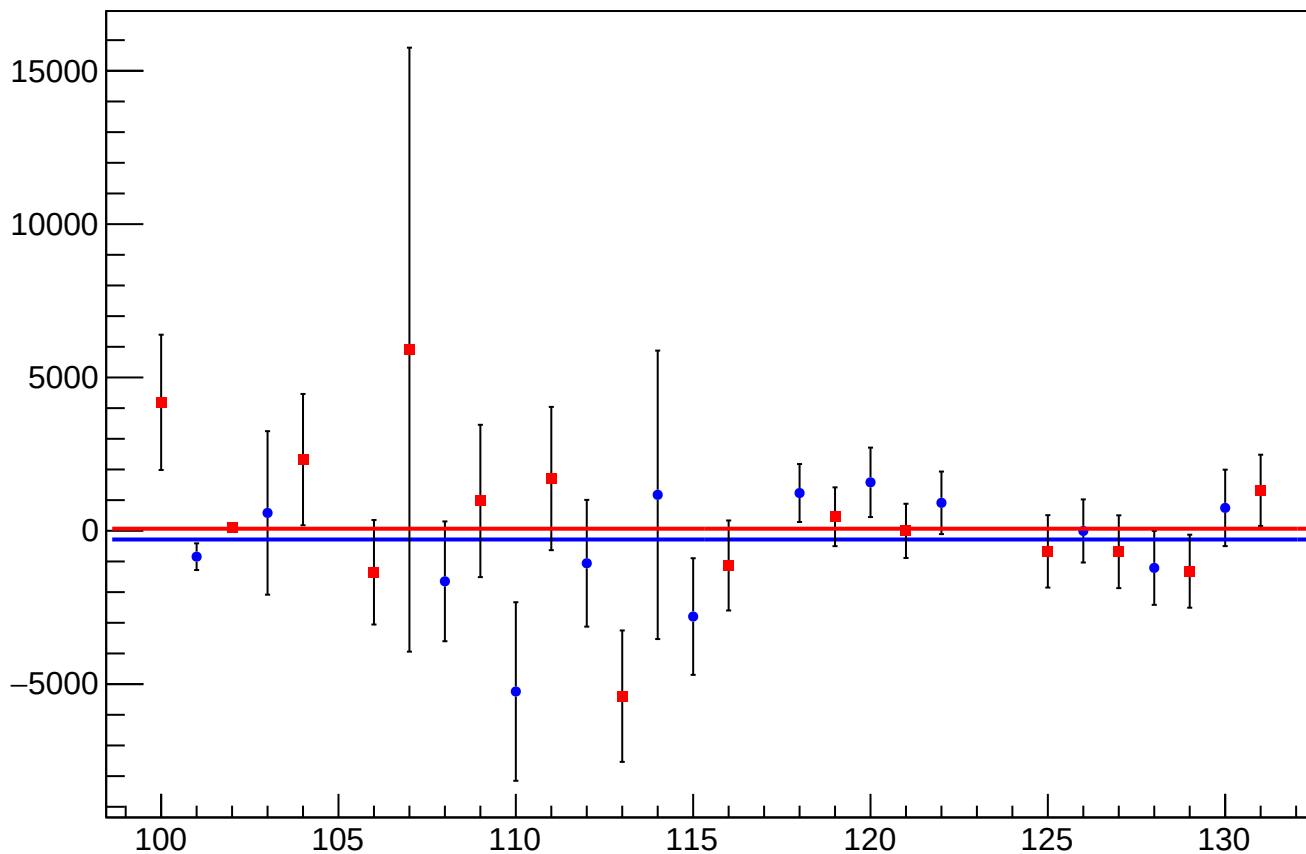
Right: 1585.833+/-0.330 χ^2/NDF : 283734.9/27

In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.833+/-0.330 χ^2/NDF : 283734.9/27

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.273+/-139.966 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

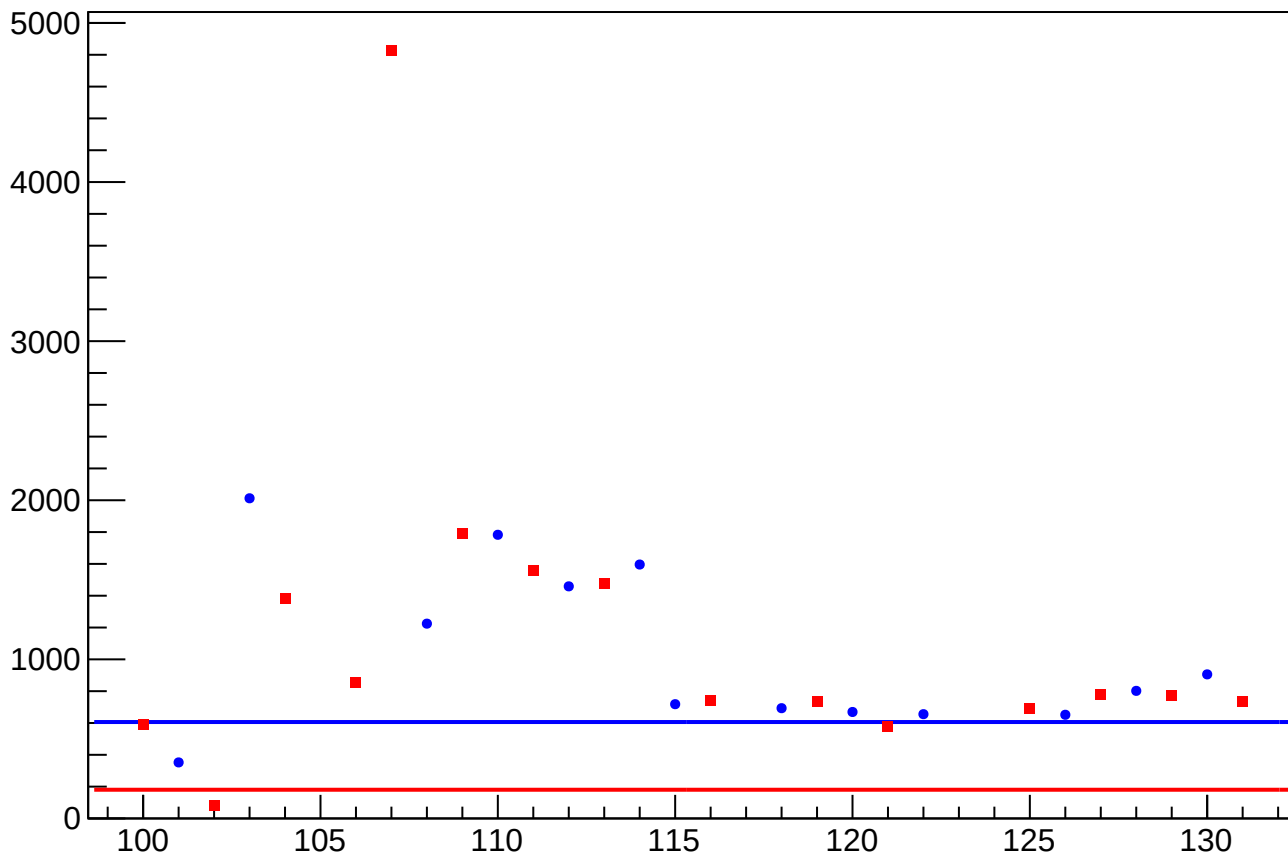
Right: 3.687+/-126.457 χ^2/NDF : 33.2/27

In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.687+/-126.457 χ^2/NDF : 33.2/27

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.470+/-0.099 χ^2/NDF : 7817394.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

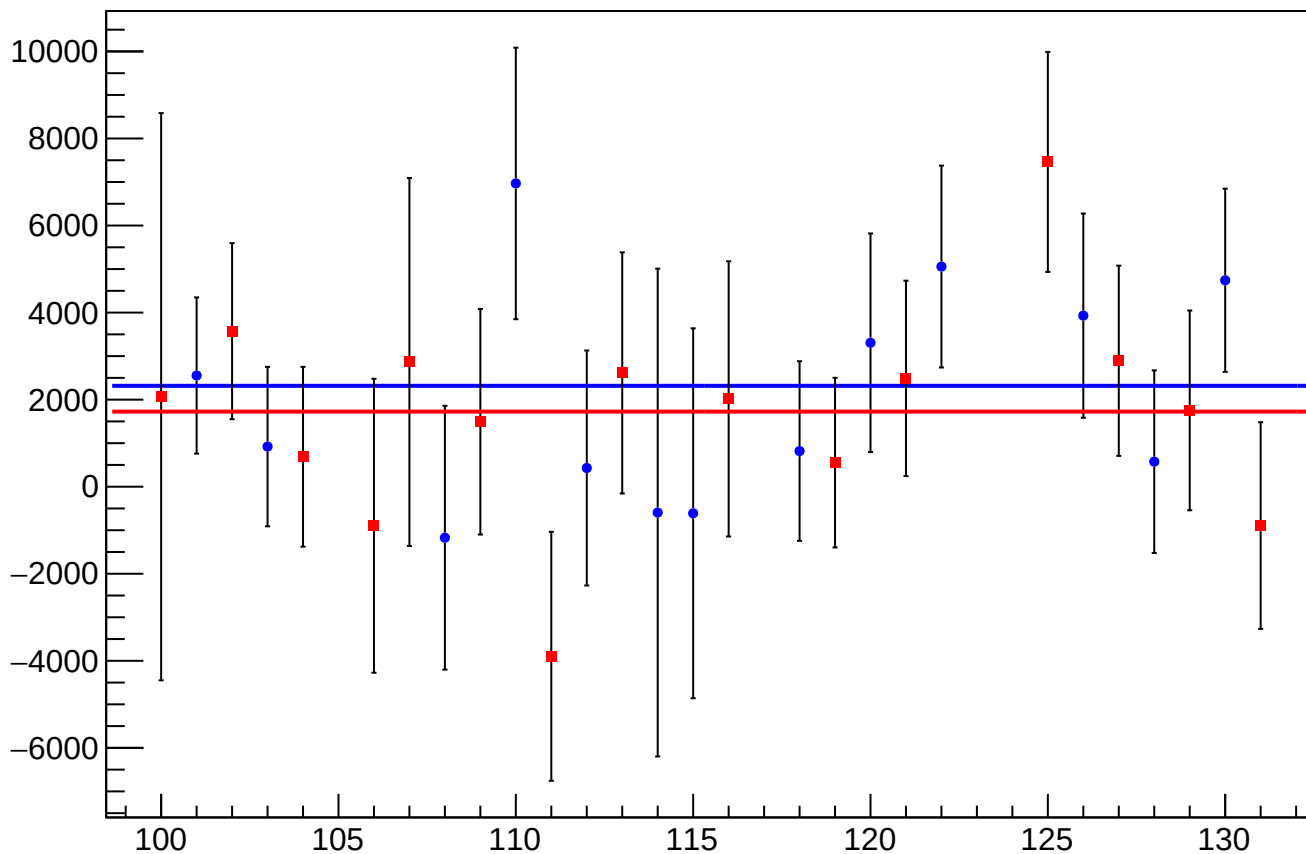
Right: 258.662+/-0.089 χ^2/NDF : 13614859.4/27

In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.662+/-0.089 χ^2/NDF : 13614859.4/27

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.395+/-653.344 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

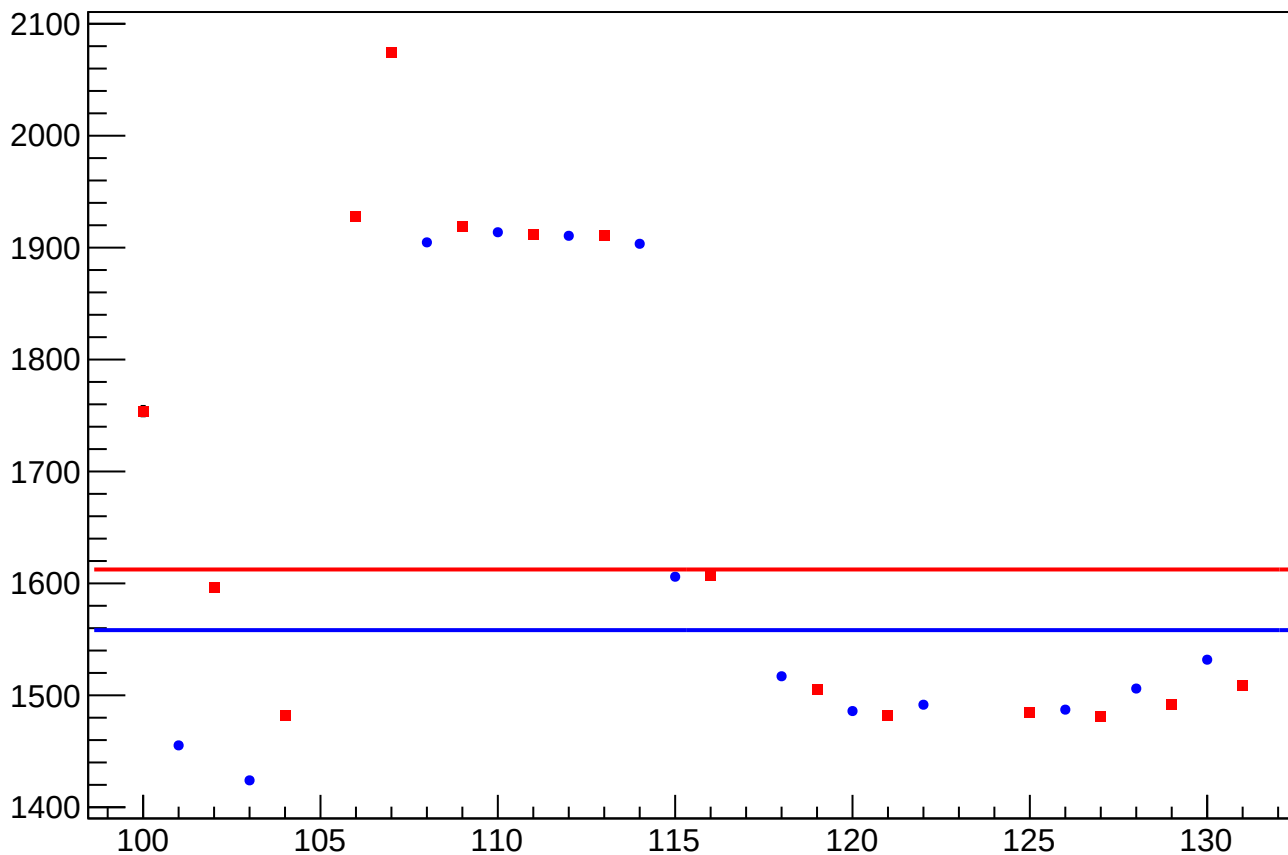
Right: 2016.204+/-466.182 χ^2/NDF : 23.2/27

In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2016.204+/-466.182 χ^2/NDF : 23.2/27

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.431+/-0.462 χ^2/NDF : 158135.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

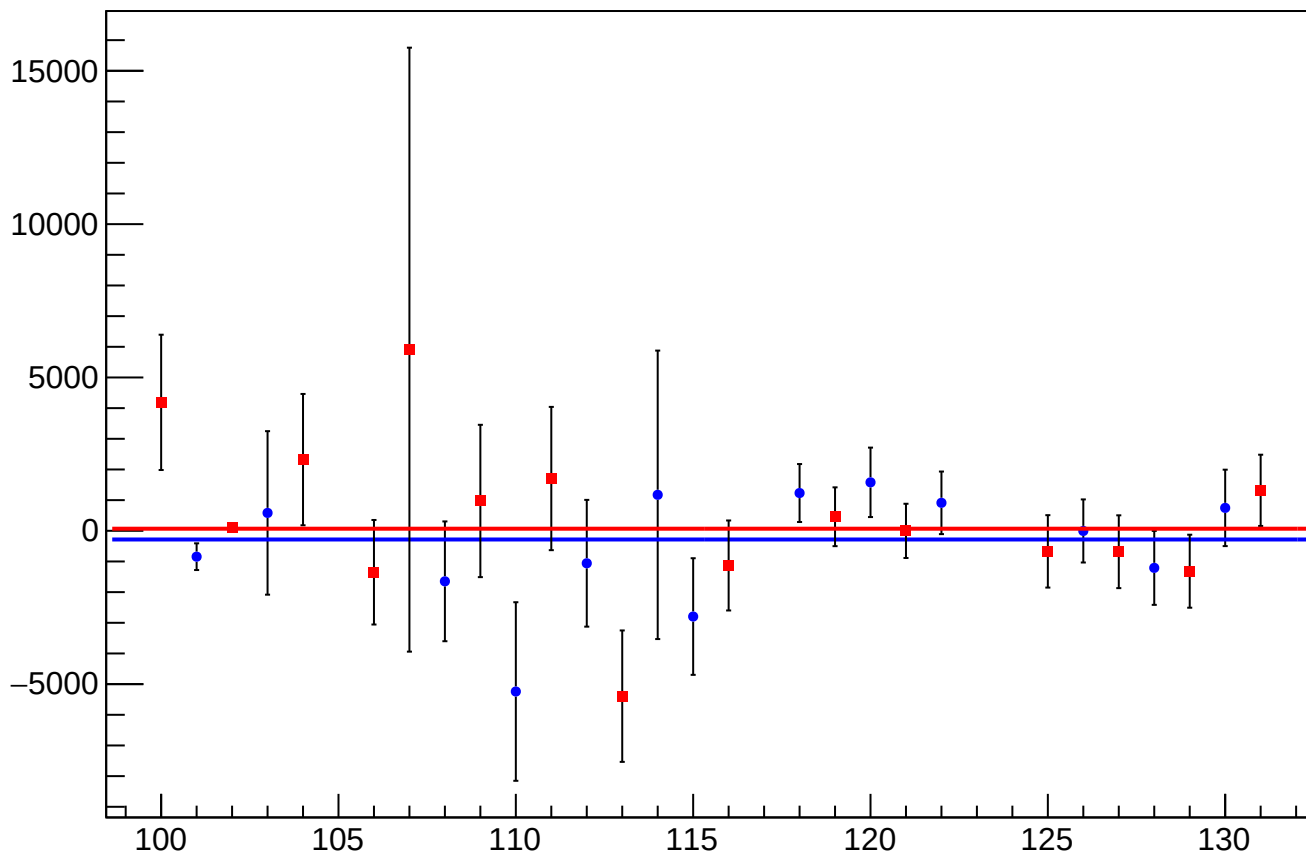
Right: 1585.833+/-0.330 χ^2/NDF : 283734.9/27

In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.833+/-0.330 χ^2/NDF : 283734.9/27

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.273+/-139.966 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

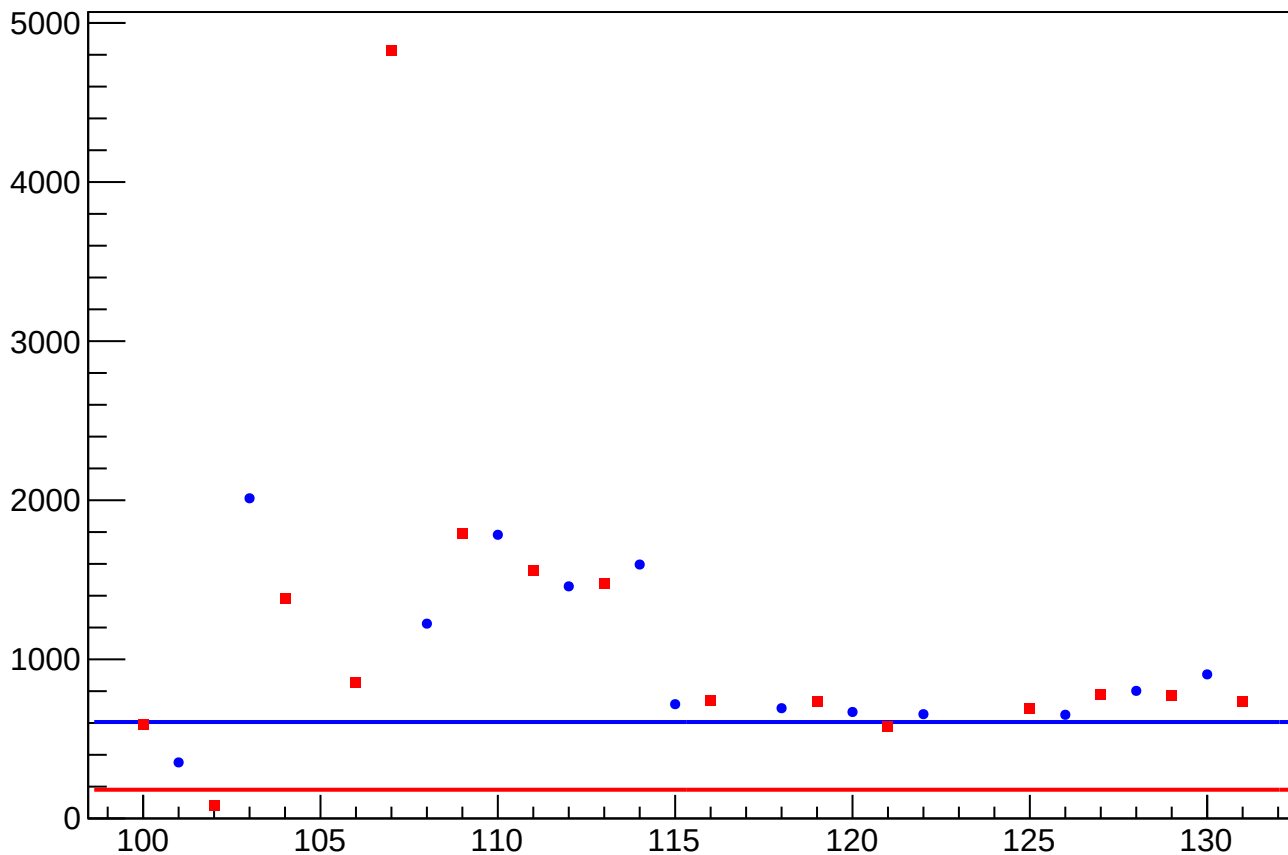
Right: 3.687+/-126.457 χ^2/NDF : 33.2/27

In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.687+/-126.457 χ^2/NDF : 33.2/27

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.470+/-0.099 χ^2/NDF : 7817394.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

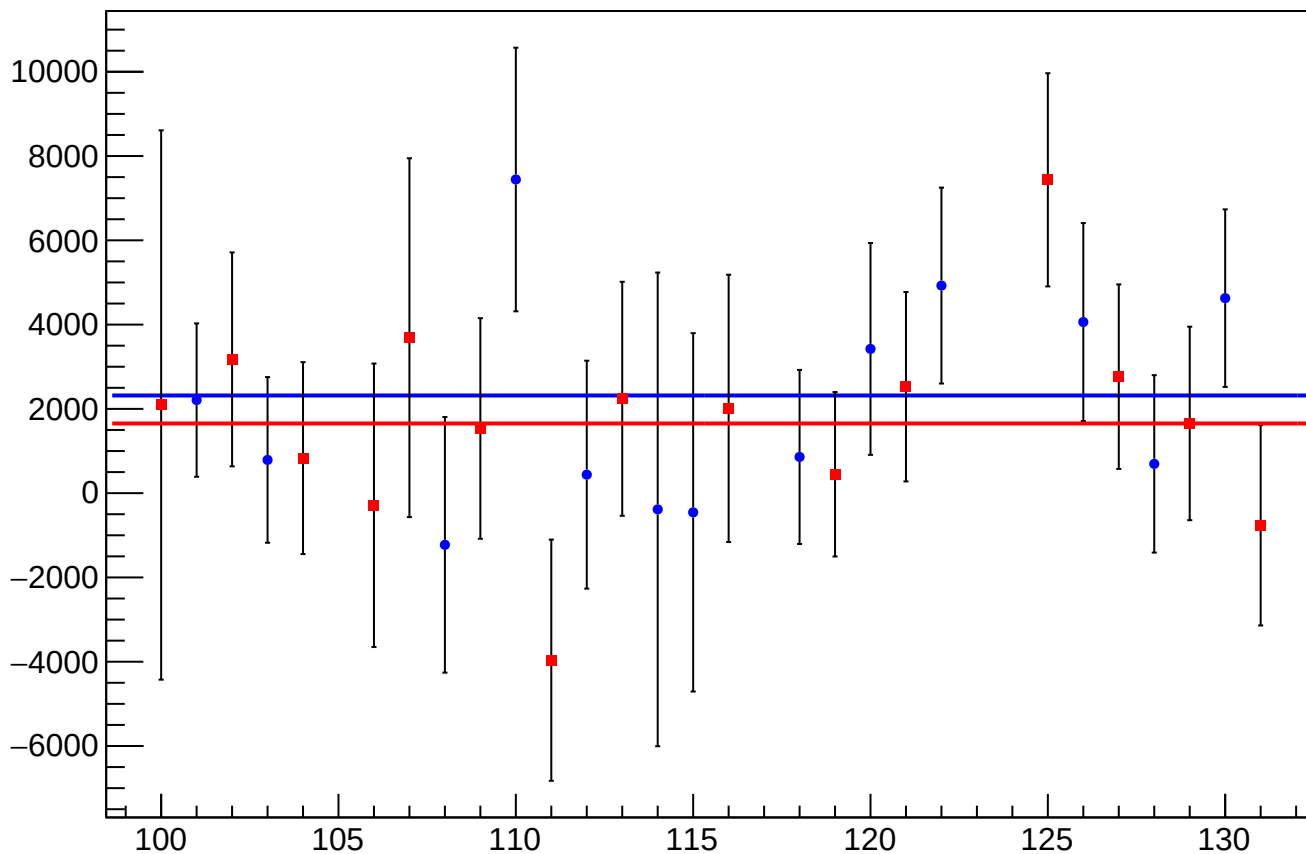
Right: 258.662+/-0.089 χ^2/NDF : 13614859.4/27

In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.662+/-0.089 χ^2/NDF : 13614859.4/27

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.879+/-673.364 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.099+/-673.490 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

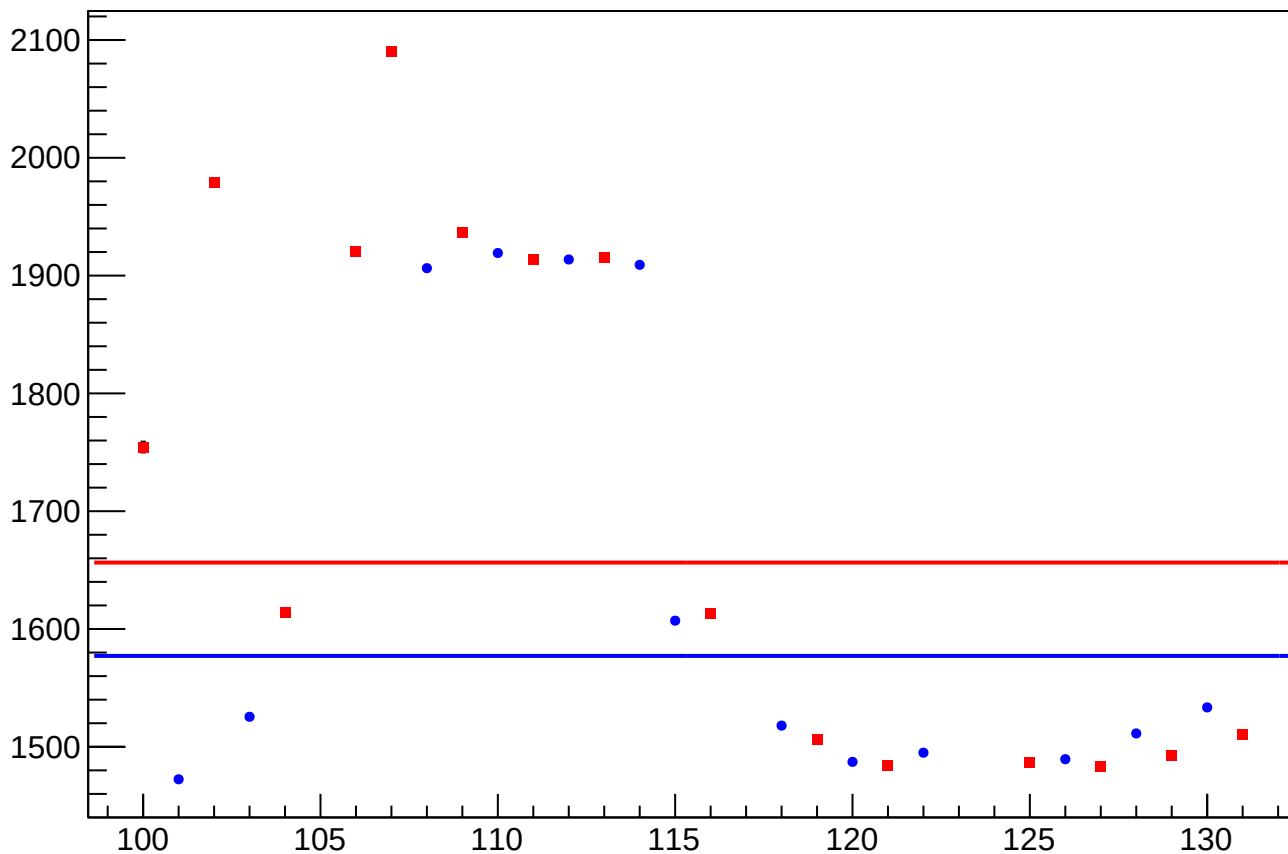
Right: 1986.051+/-476.185 χ^2/NDF : 22.6/27

In: 2317.879+/-673.364 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.051+/-476.185 χ^2/NDF : 22.6/27

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.156+/-0.476 χ^2/NDF : 105830.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.392+/-0.476 χ^2/NDF : 186354.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

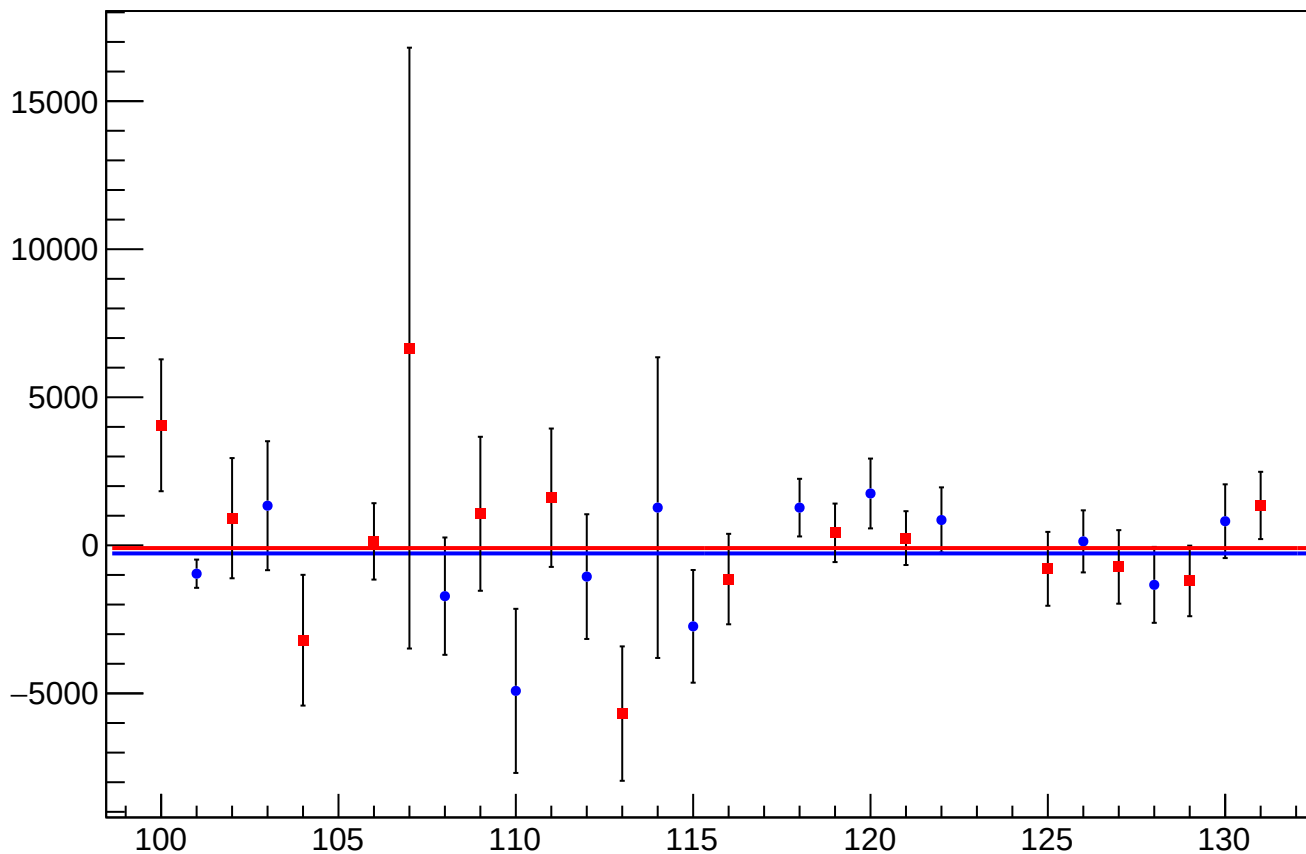
Right: 1616.767+/-0.337 χ^2/NDF : 306028.5/27

In: 1577.156+/-0.476 χ^2/NDF : 105830.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.767+/-0.337 χ^2/NDF : 306028.5/27

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -273.183+/-311.669 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.556+/-372.181 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

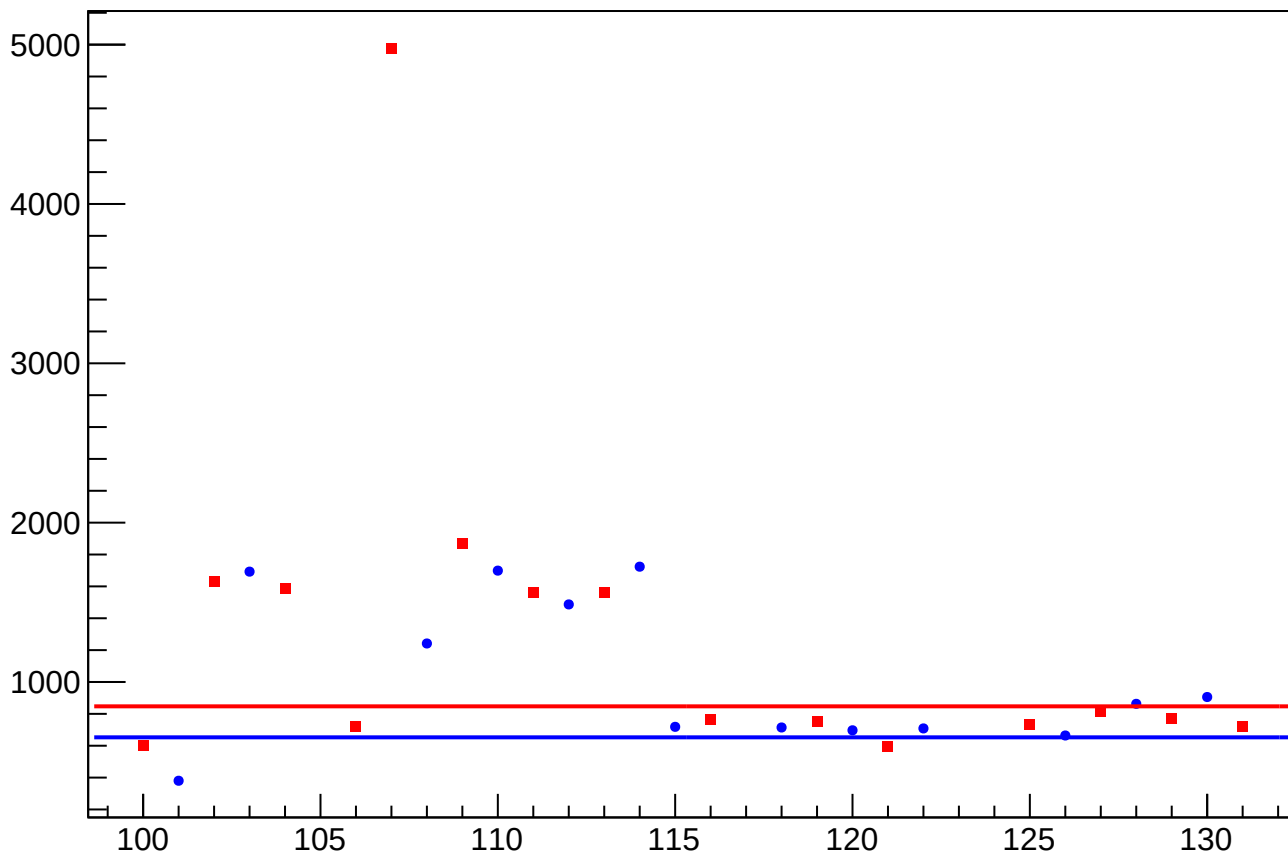
Right: -198.728+/-238.951 χ^2/NDF : 33.0/27

In: -273.183+/-311.669 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.728+/-238.951 χ^2/NDF : 33.0/27

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 652.657+/-0.220 χ^2/NDF : 2128473.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.174+/-0.263 χ^2/NDF : 1816283.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

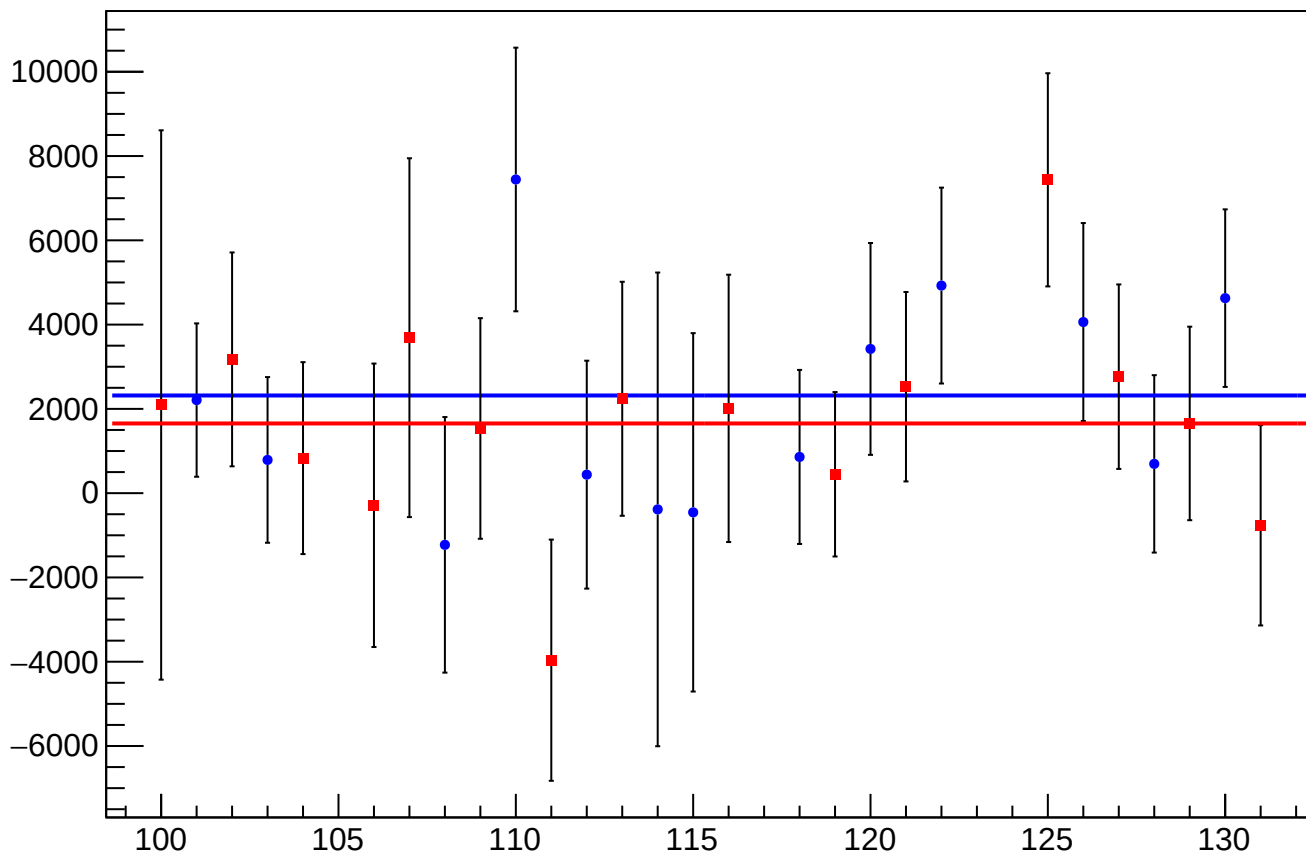
Right: 732.837+/-0.169 χ^2/NDF : 4265875.1/27

In: 652.657+/-0.220 χ^2/NDF : 2128473.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.837+/-0.169 χ^2/NDF : 4265875.1/27

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.877+/-673.364 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.097+/-673.490 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

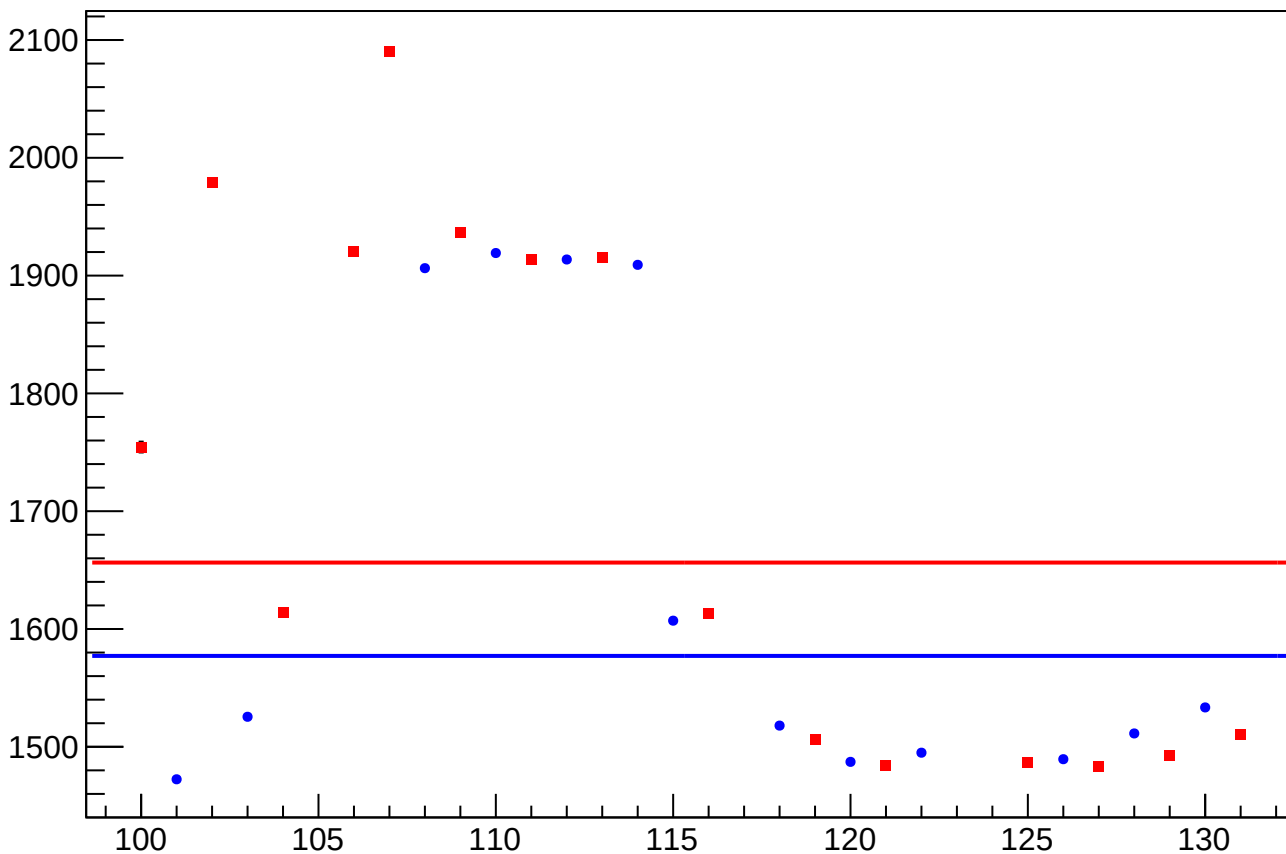
Right: 1986.049+/-476.185 χ^2/NDF : 22.6/27

In: 2317.877+/-673.364 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.049+/-476.185 χ^2/NDF : 22.6/27

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.155+/-0.476 χ^2/NDF : 105830.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.392+/-0.476 χ^2/NDF : 186354.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

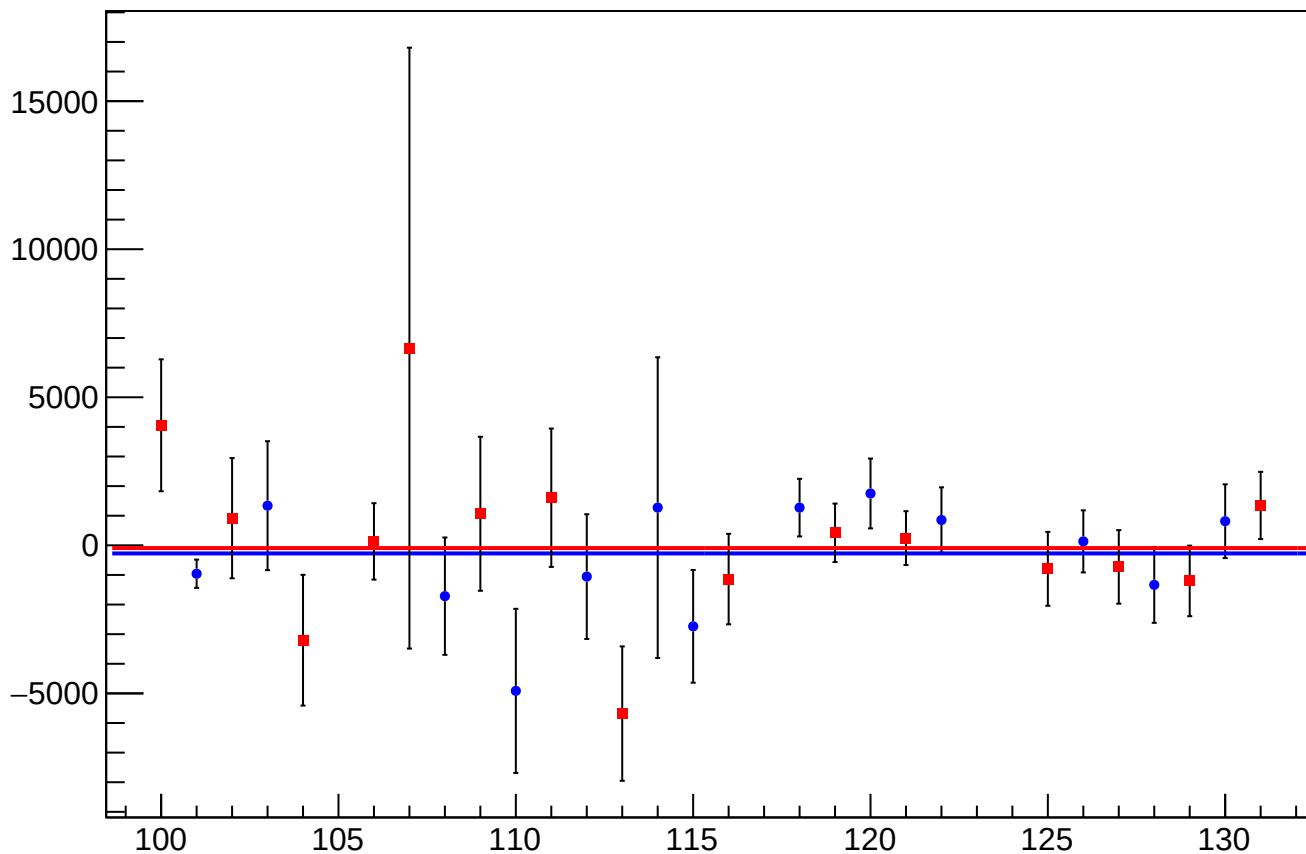
Right: 1616.766+/-0.337 χ^2/NDF : 306028.6/27

In: 1577.155+/-0.476 χ^2/NDF : 105830.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.766+/-0.337 χ^2/NDF : 306028.6/27

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -273.181+/-311.669 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.555+/-372.180 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

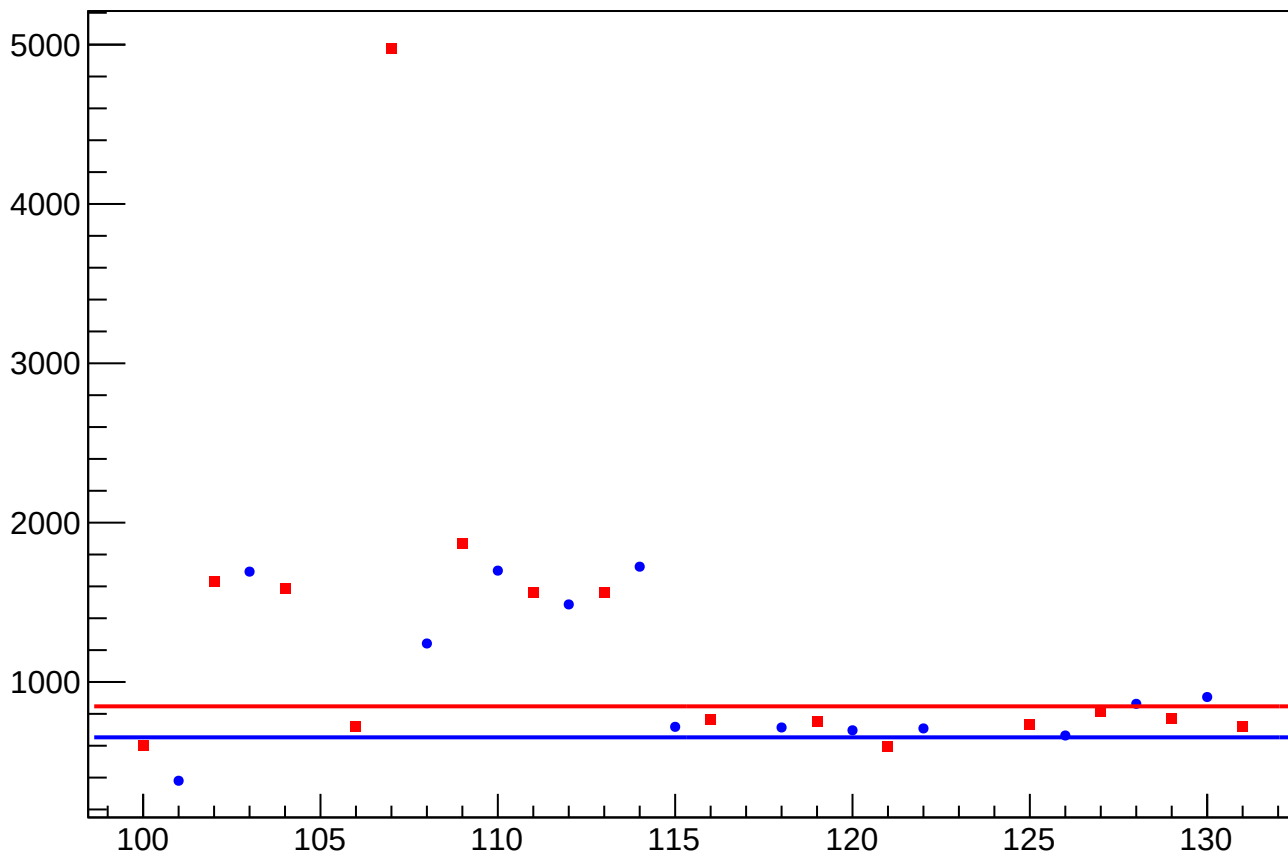
Right: -198.727+/-238.951 χ^2/NDF : 33.0/27

In: -273.181+/-311.669 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.727+/-238.951 χ^2/NDF : 33.0/27

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 652.657+/-0.220 χ^2/NDF : 2128465.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 847.173+/-0.263 χ^2/NDF : 1816291.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

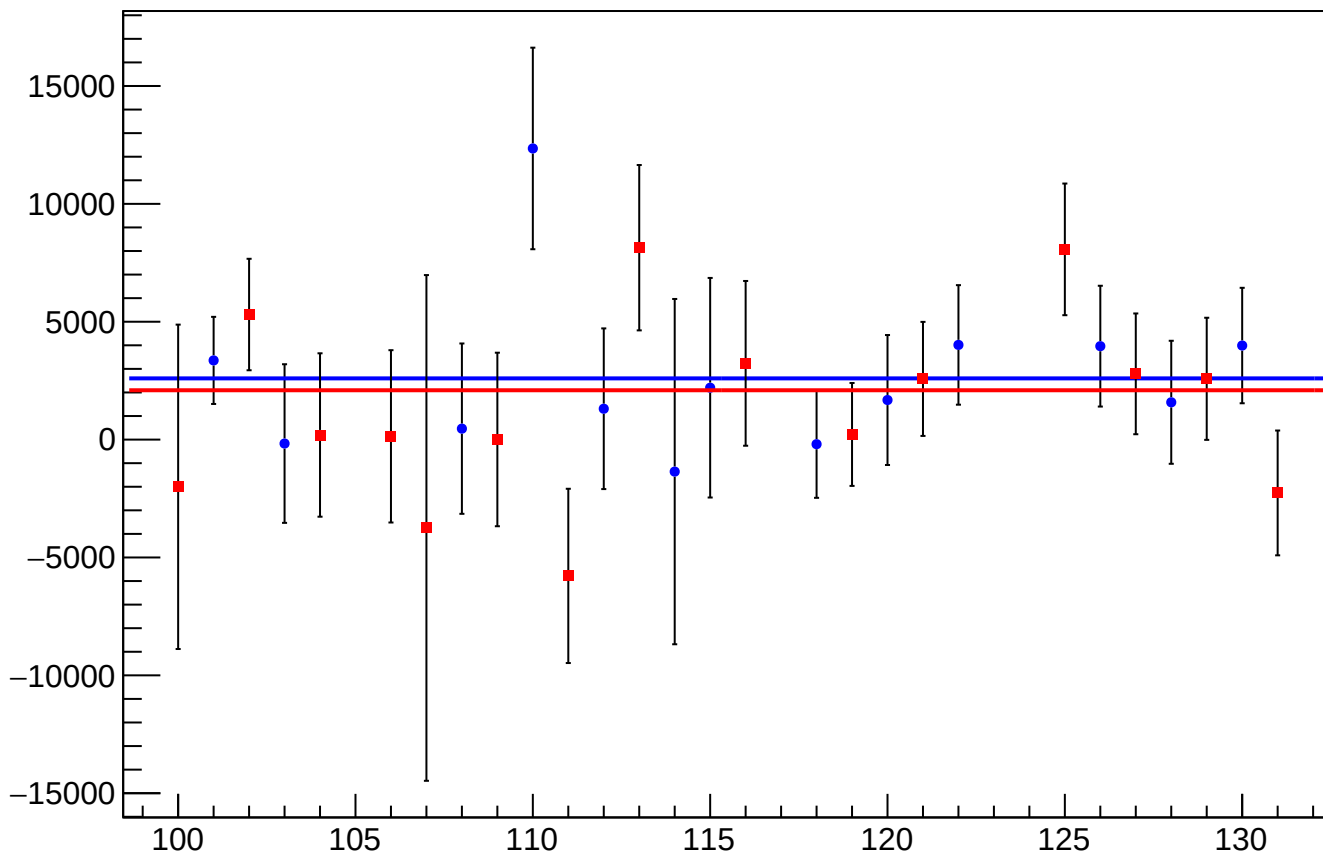
Right: 732.837+/-0.169 χ^2/NDF : 4265869.8/27

In: 652.657+/-0.220 χ^2/NDF :2128465.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 732.837+/-0.169 χ^2/NDF : 4265869.8/27

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2596.831+/-788.226 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.258+/-783.188 χ^2/NDF : 19.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

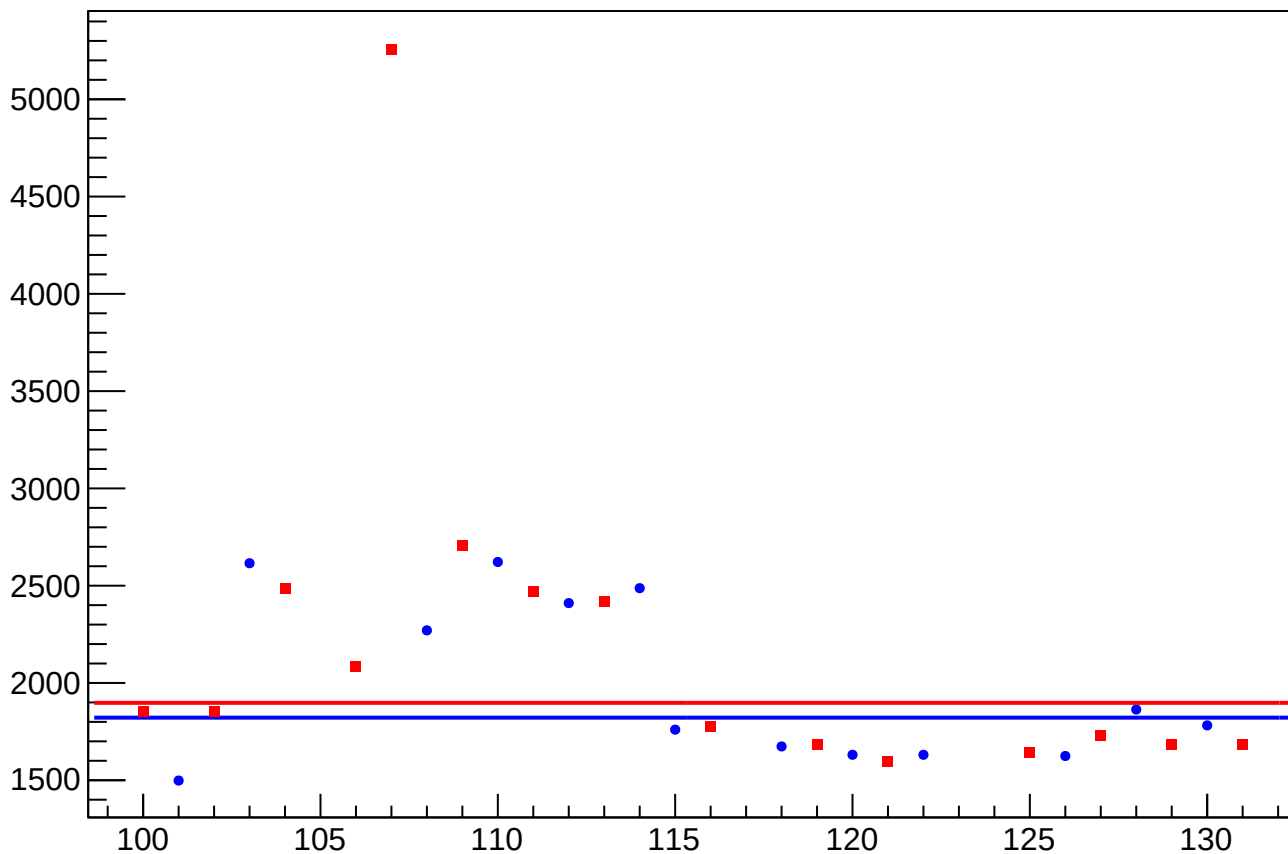
Right: 2343.430+/-555.570 χ^2/NDF : 28.9/27

In: 2596.831+/-788.226 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2343.430+/-555.570 χ^2/NDF : 28.9/27

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1821.698+/-0.557 χ^2/NDF : 392251.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.836+/-0.554 χ^2/NDF : 553986.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

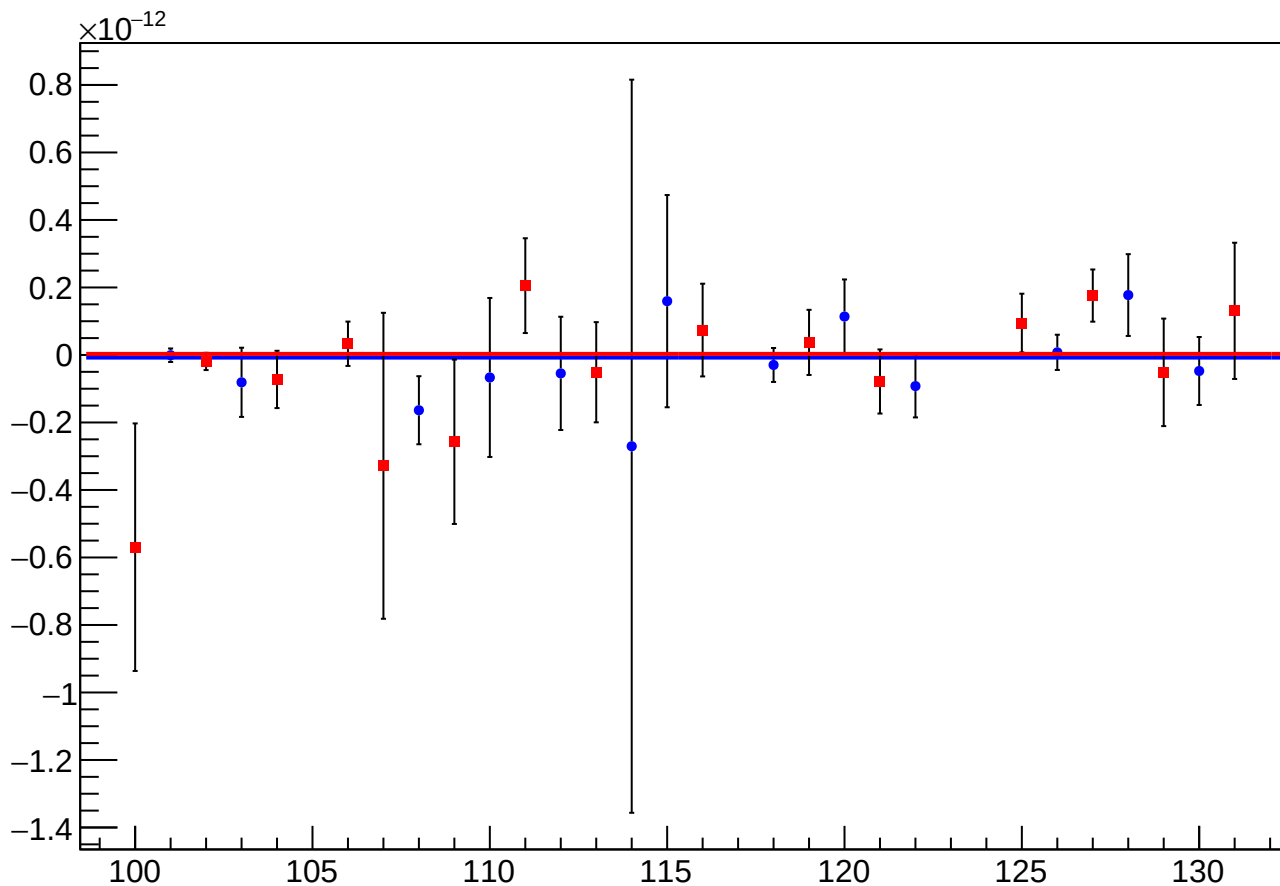
Right: 1860.011+/-0.393 χ^2/NDF : 955628.5/27

In: 1821.698+/-0.557 χ^2/NDF : 392251.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.011+/-0.393 χ^2/NDF : 955628.5/27

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

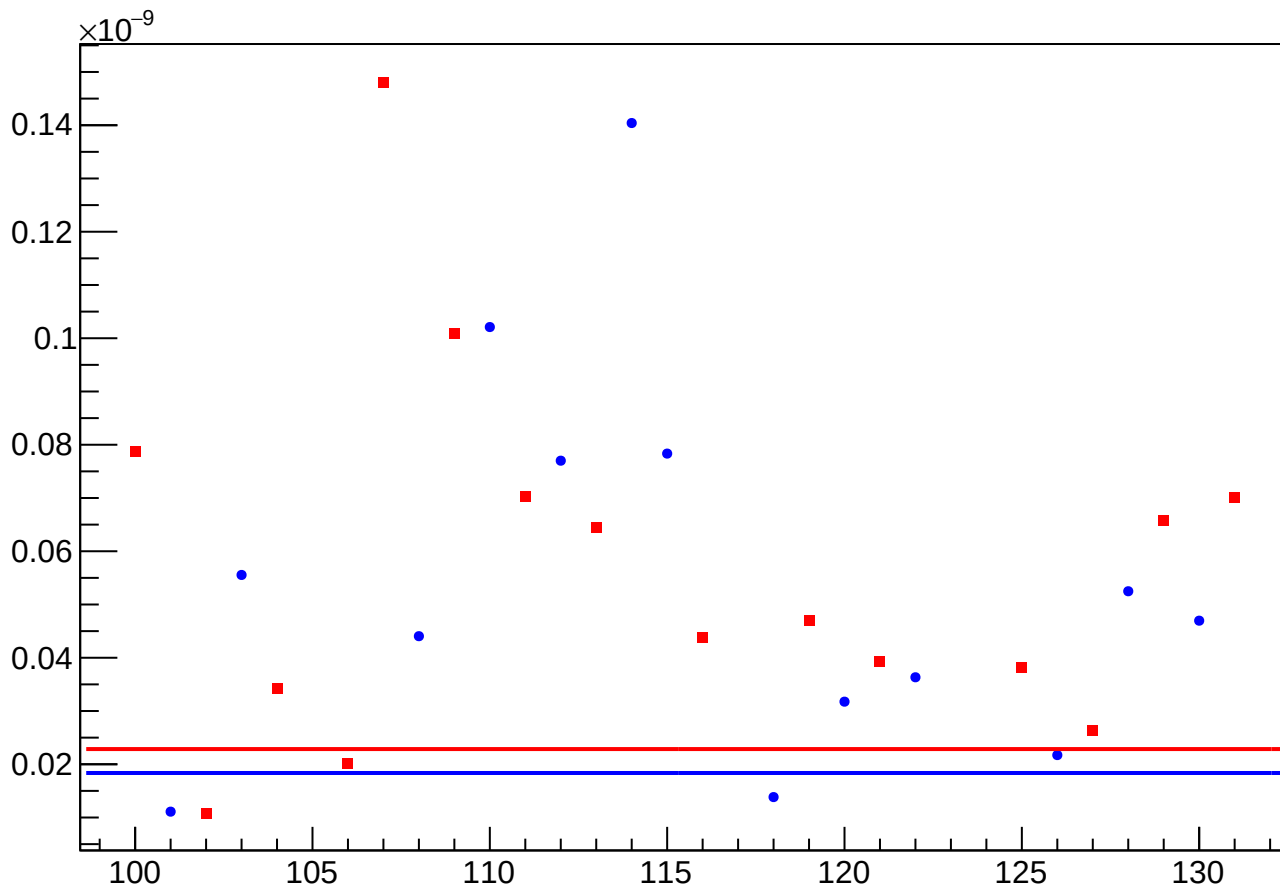
Right: -0.000+/-0.000 χ^2/NDF : 24.4/27

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/27

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1701170.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1832945.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

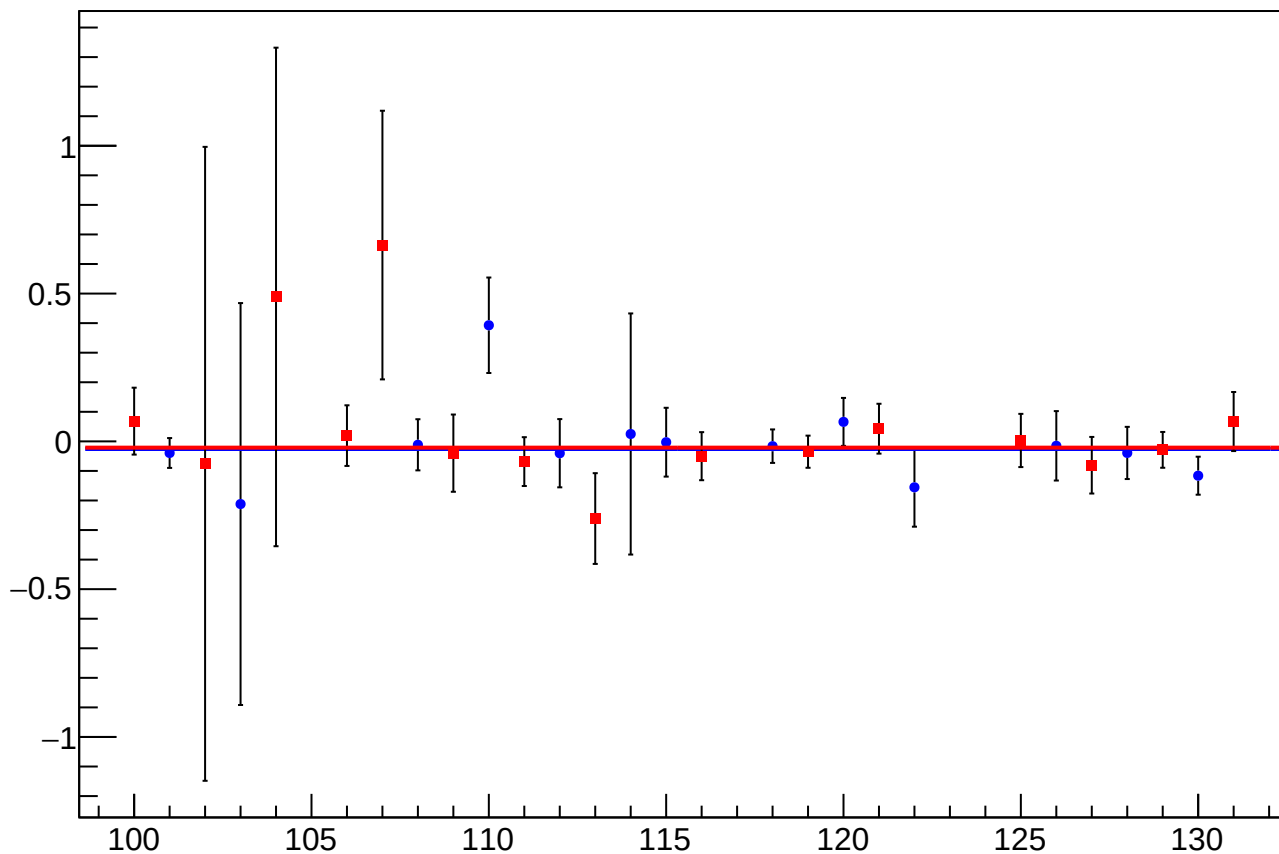
Right: 0.000+/-0.000 χ^2/NDF : 3597873.6/27

In: 0.000+/-0.000 χ^2/NDF : 1701170.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3597873.6/27

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.025 χ^2 /NDF: 8.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

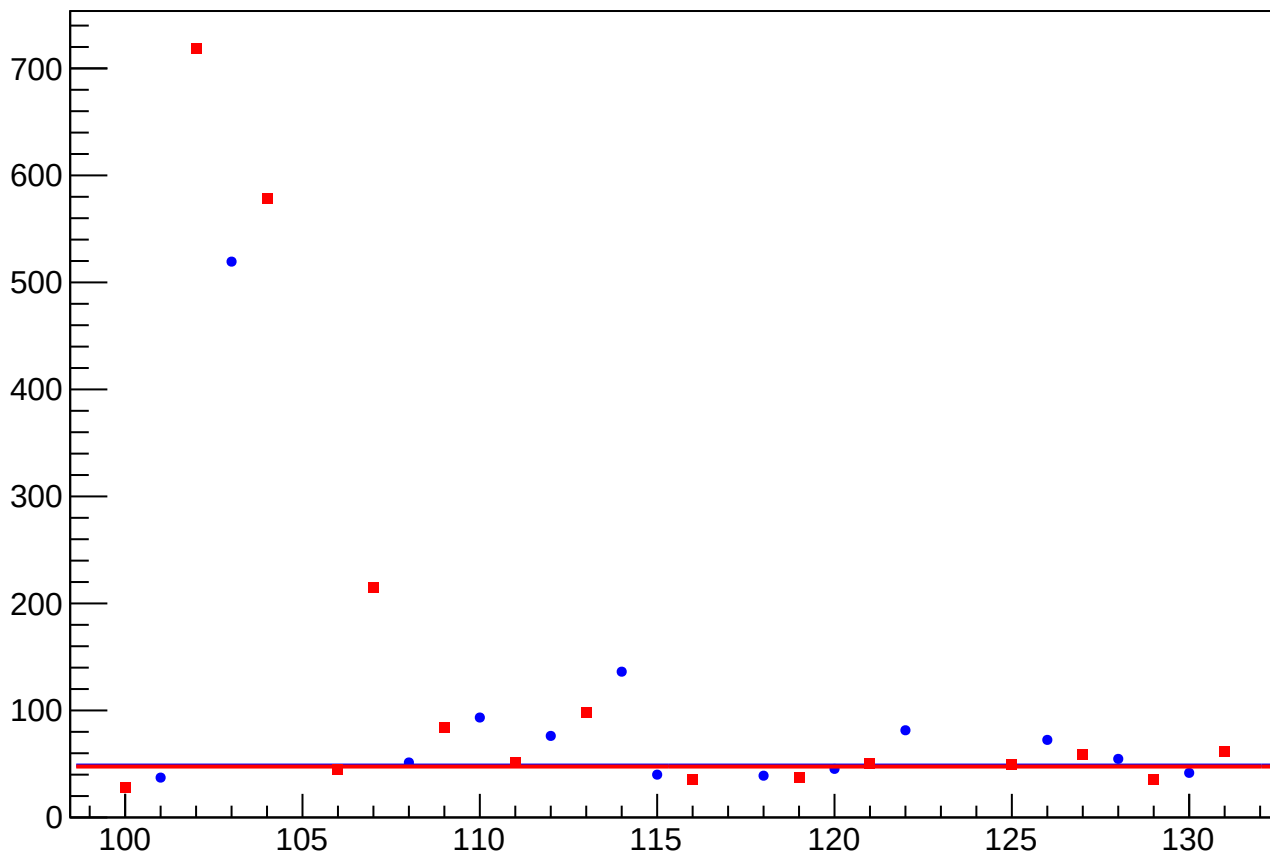
Right: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

In: -0.026 $\pm$ 0.024 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544252.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

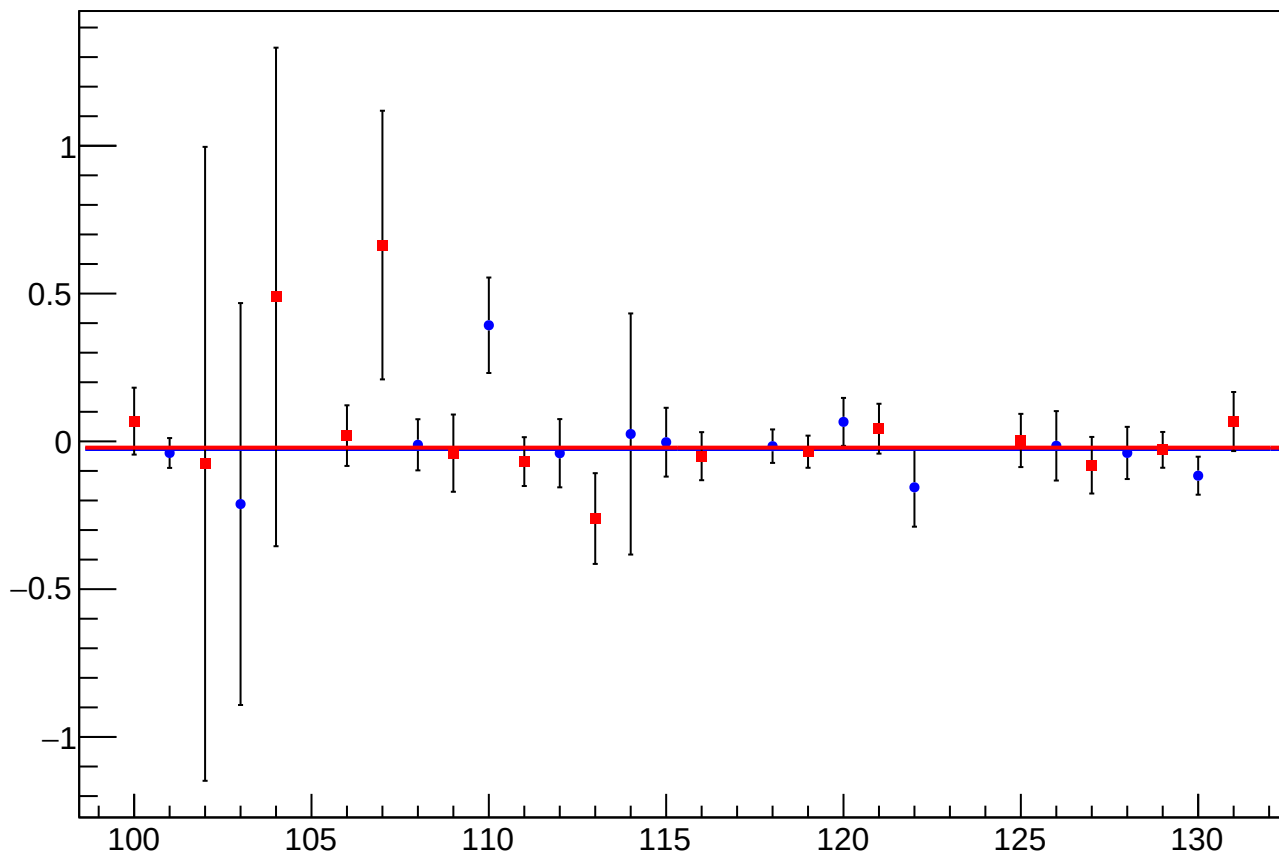
Right: 48.039+/-0.012 χ^2/NDF : 4277359.8/27

In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277359.8/27

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.025 χ^2 /NDF: 8.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

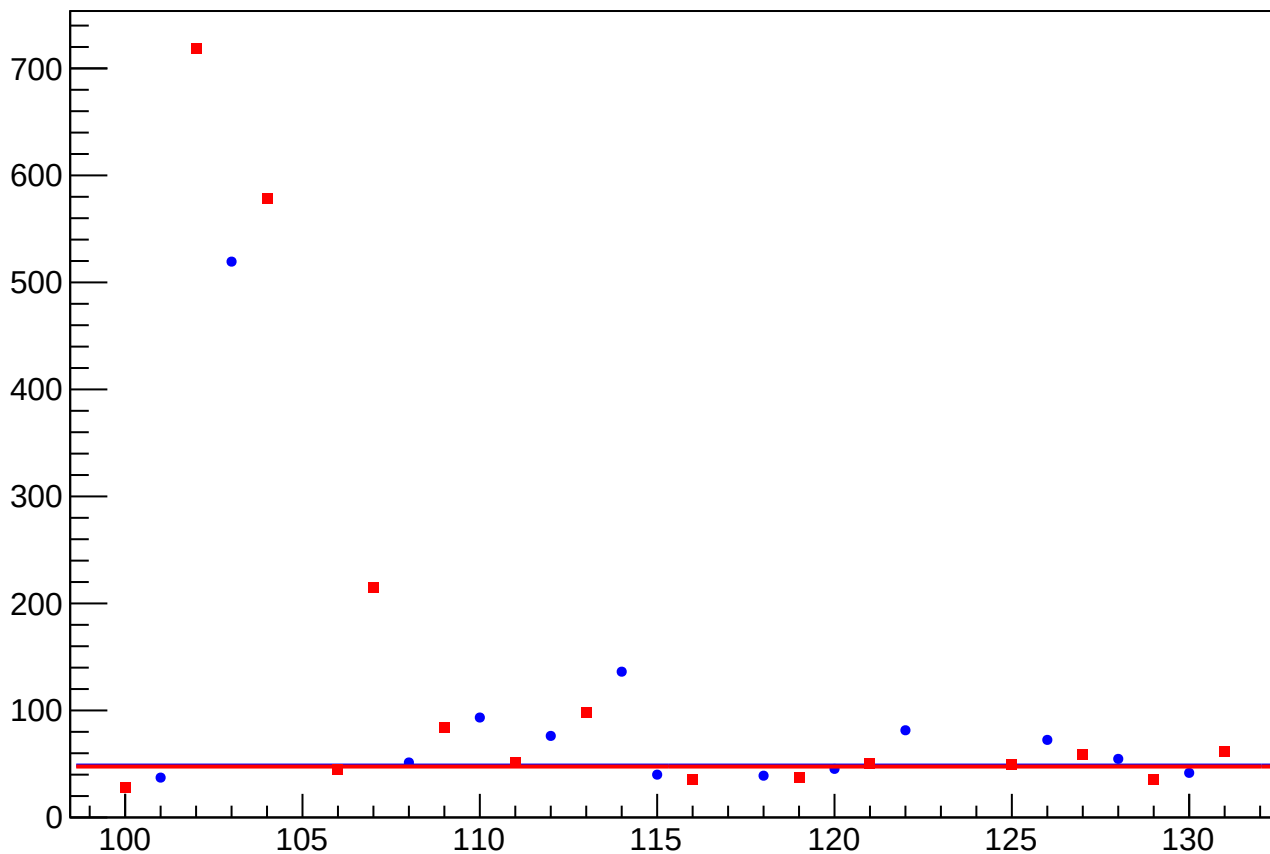
Right: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

In: -0.026 $\pm$ 0.024 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544252.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

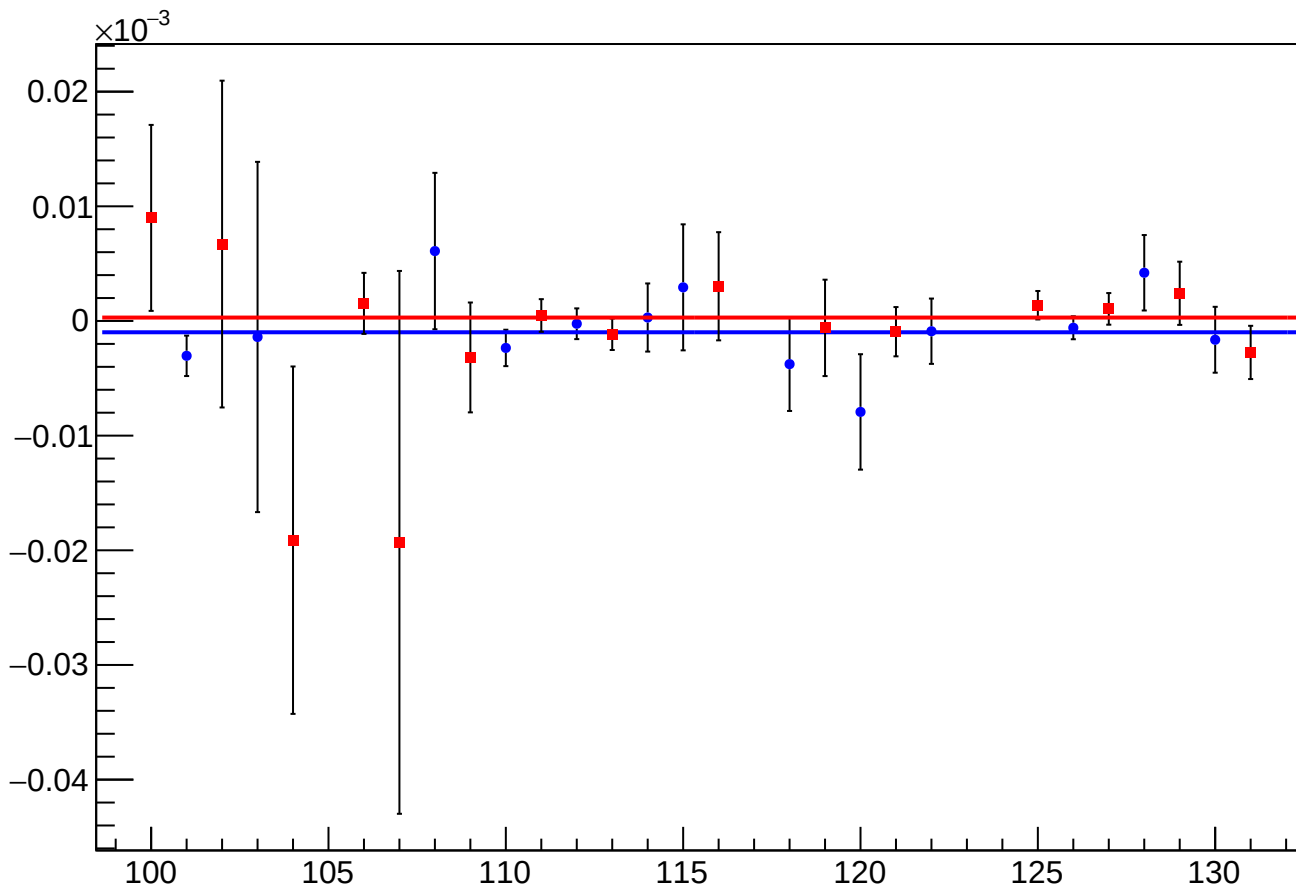
Right: 48.039+/-0.012 χ^2/NDF : 4277359.8/27

In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277359.8/27

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

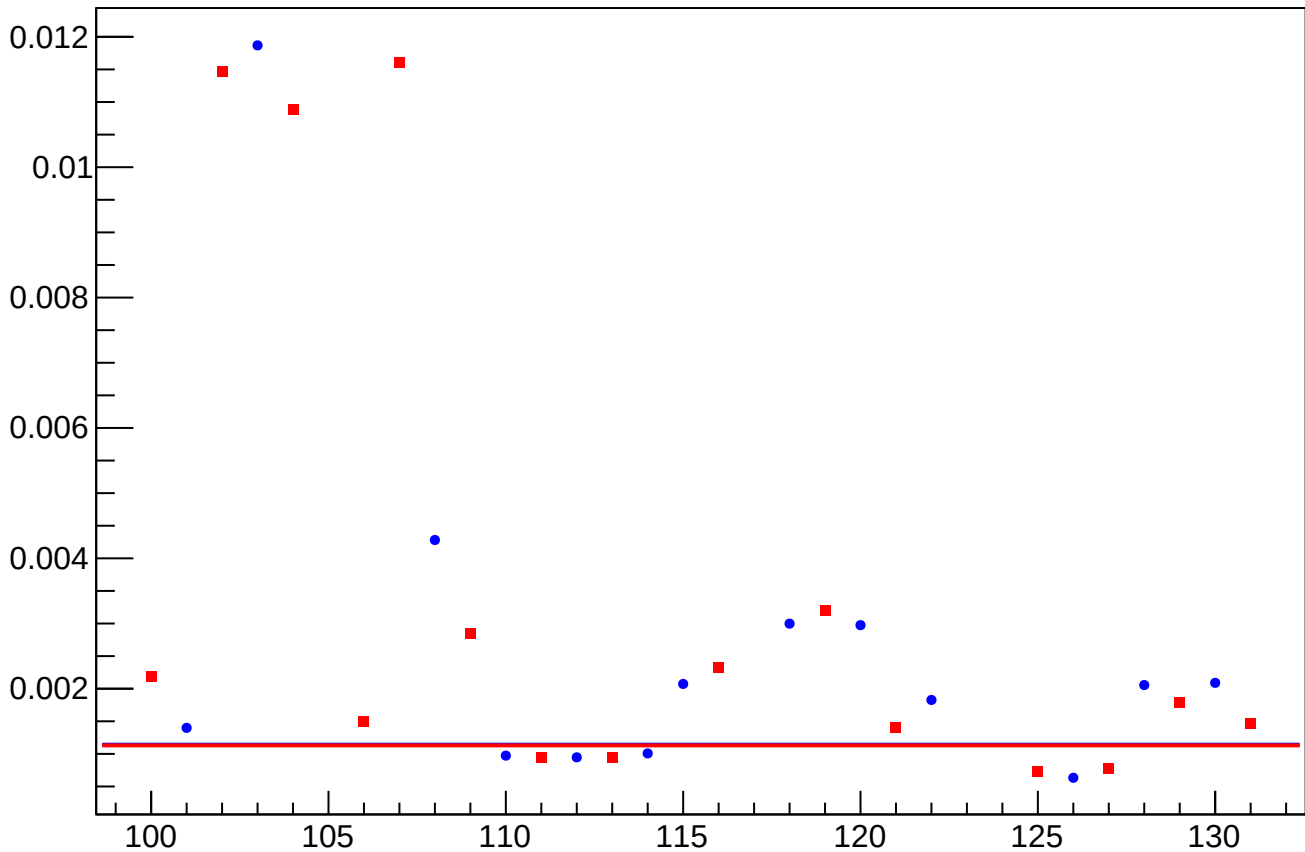
Right: -0.000+/-0.000 χ^2/NDF : 21.3/27

In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/27

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3259983.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3807978.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

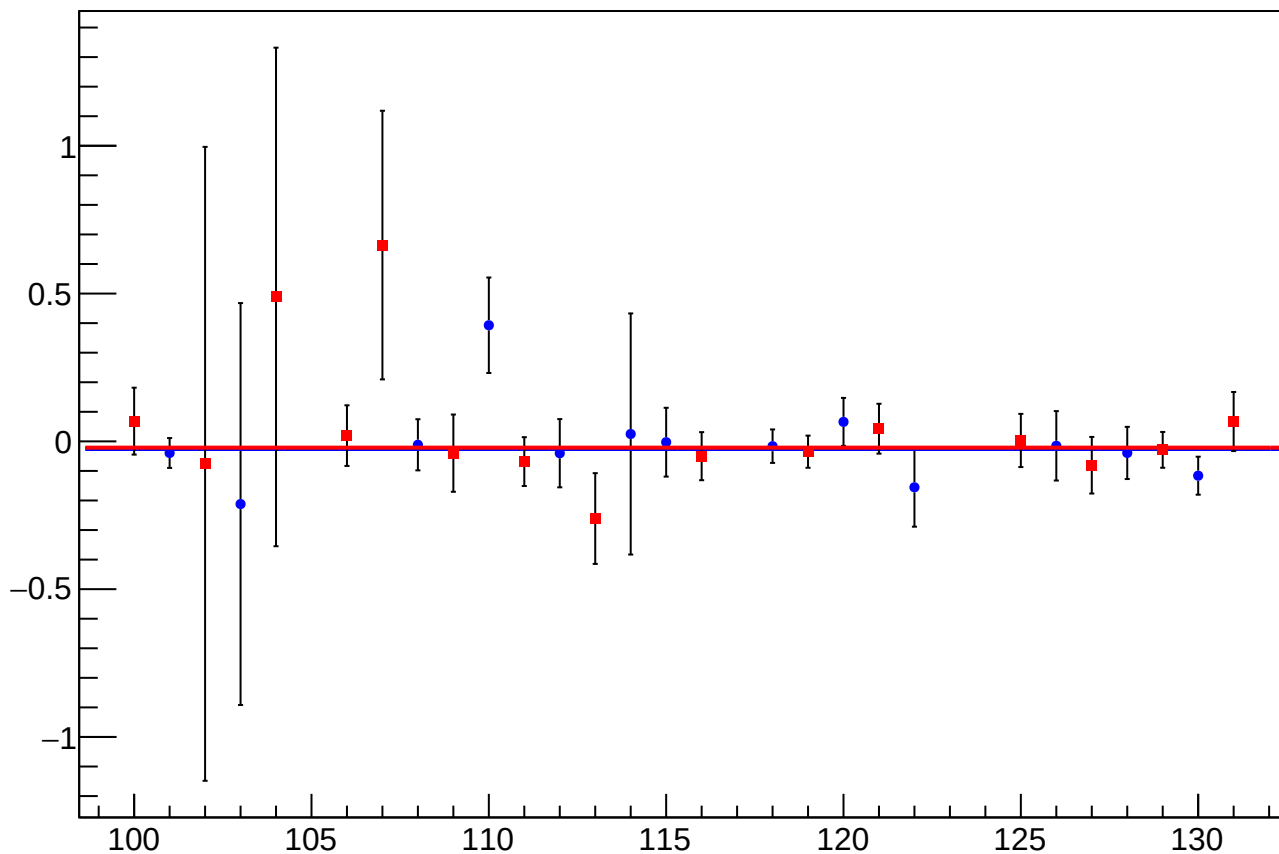
Right: 0.001+/-0.000 χ^2/NDF : 7068267.3/27

In: 0.001+/-0.000 χ^2/NDF :3259983.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7068267.3/27

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.025 χ^2 /NDF: 8.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

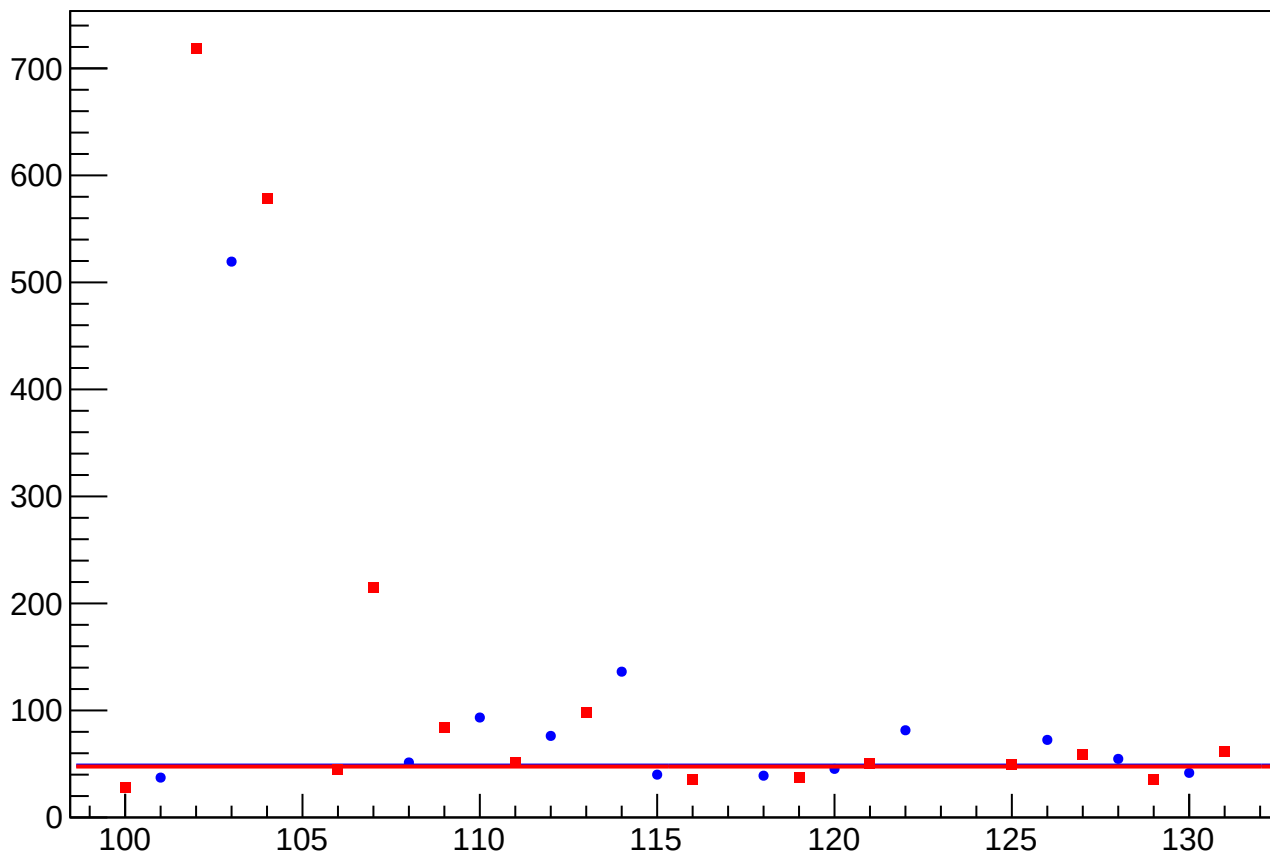
Right: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

In: -0.026 $\pm$ 0.024 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544241.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

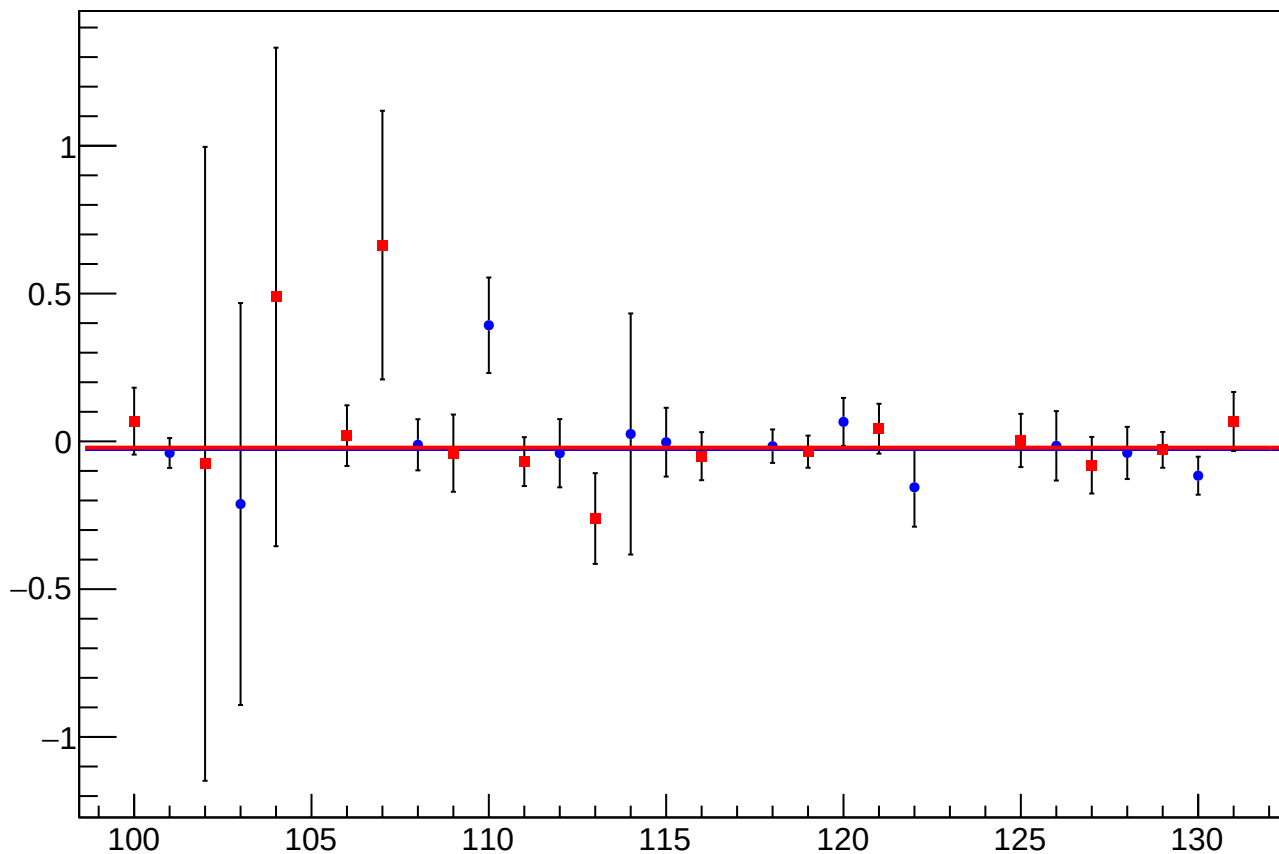
Right: 48.039+/-0.012 χ^2/NDF : 4277343.4/27

In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277343.4/27

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.025 χ^2 /NDF: 8.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

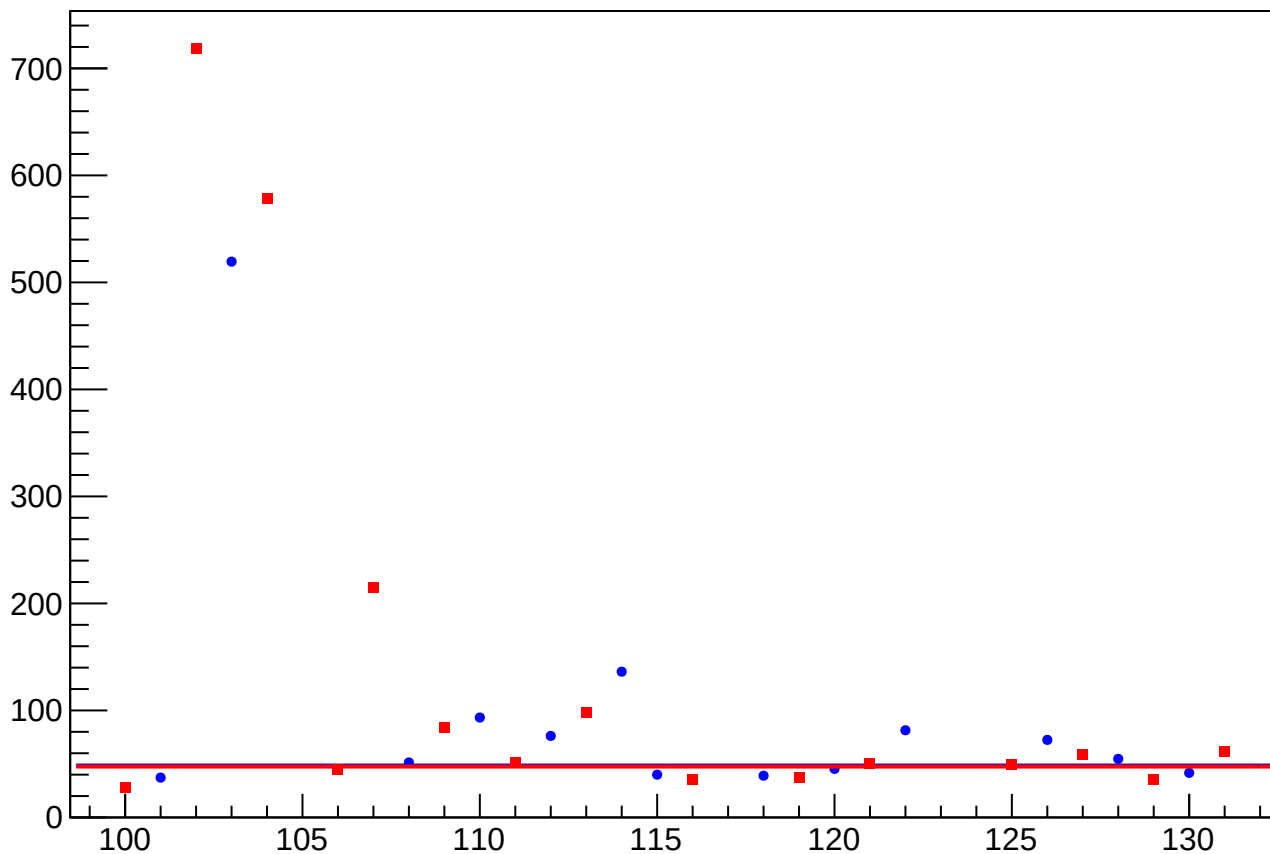
Right: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

In: -0.026 $\pm$ 0.024 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.017 χ^2 /NDF: 19.5/27

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544241.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

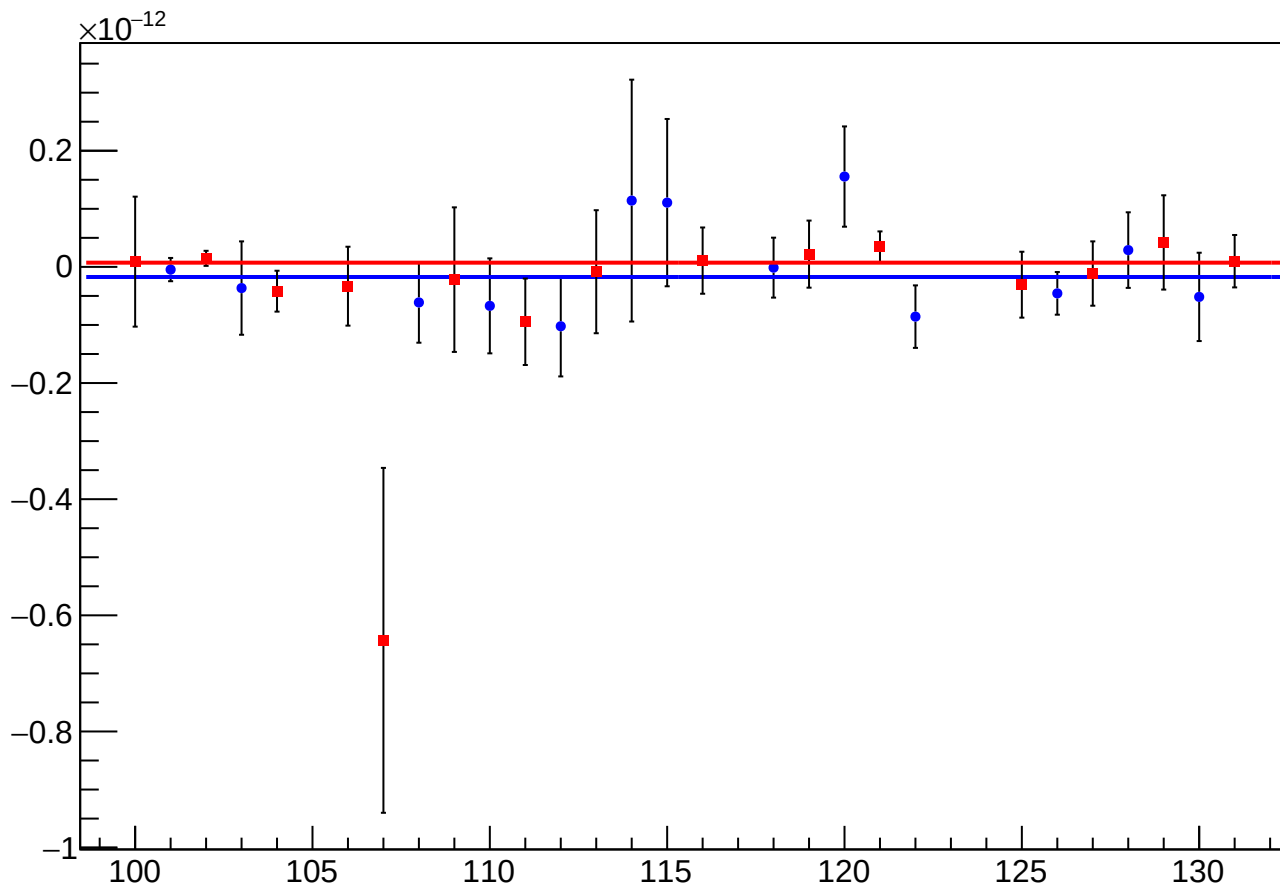
Right: 48.039+/-0.012 χ^2/NDF : 4277343.4/27

In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277343.4/27

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

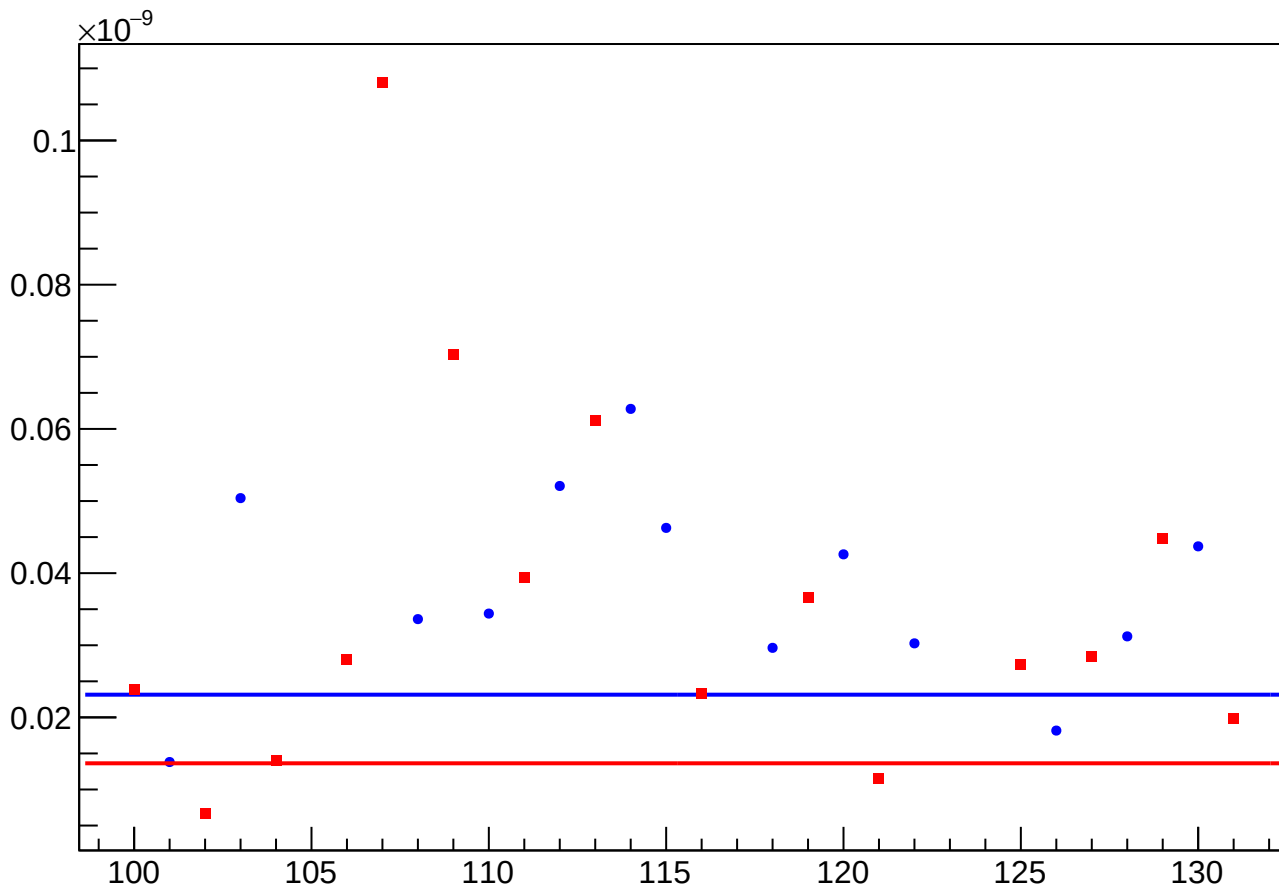
Right: -0.000+/-0.000 χ^2/NDF : 23.8/27

In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/27

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1478248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2927781.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

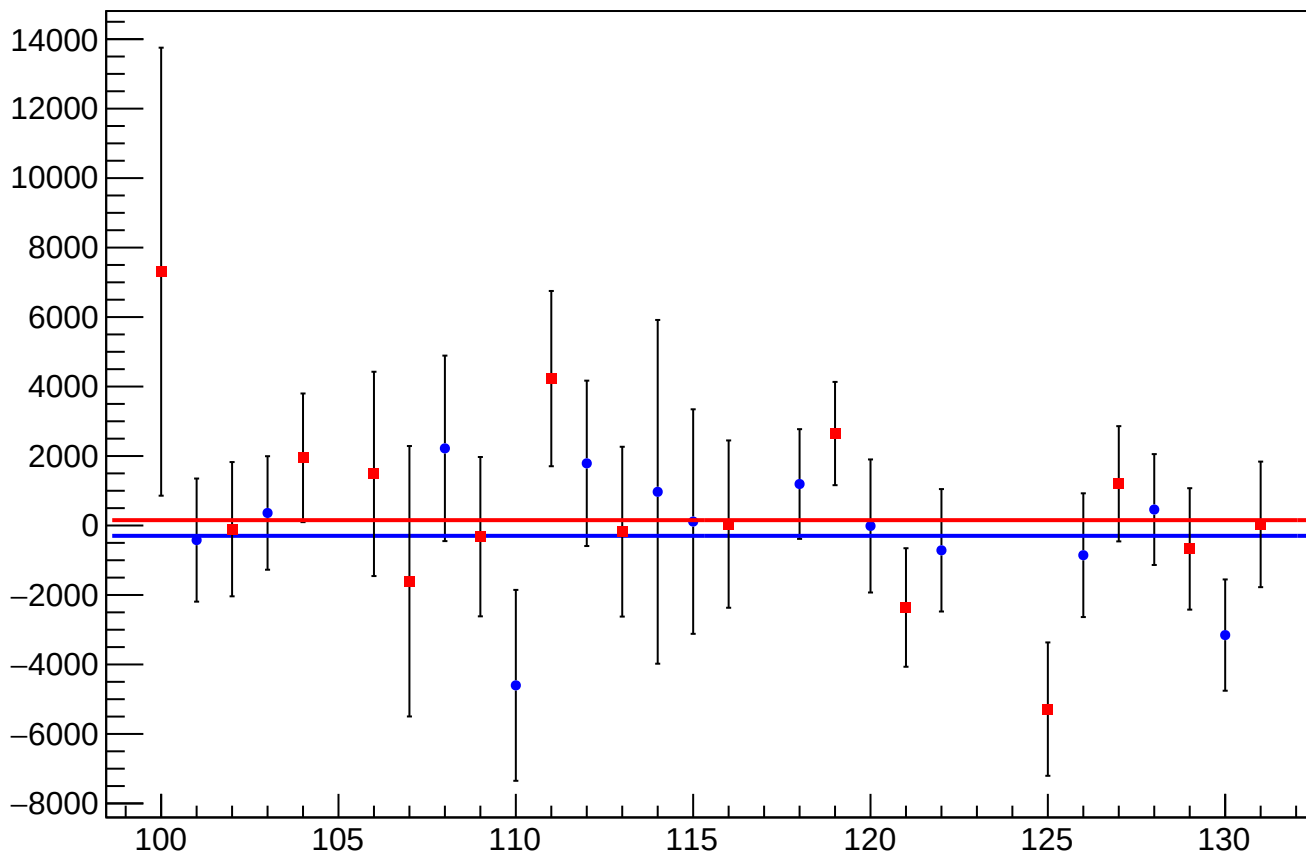
Right: 0.000+/-0.000 χ^2/NDF : 5040771.1/27

In: 0.000+/-0.000 χ^2/NDF : 1478248.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5040771.1/27

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -297.393 ± 544.547 χ^2/NDF : 8.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 154.057 ± 533.225 χ^2/NDF : 18.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

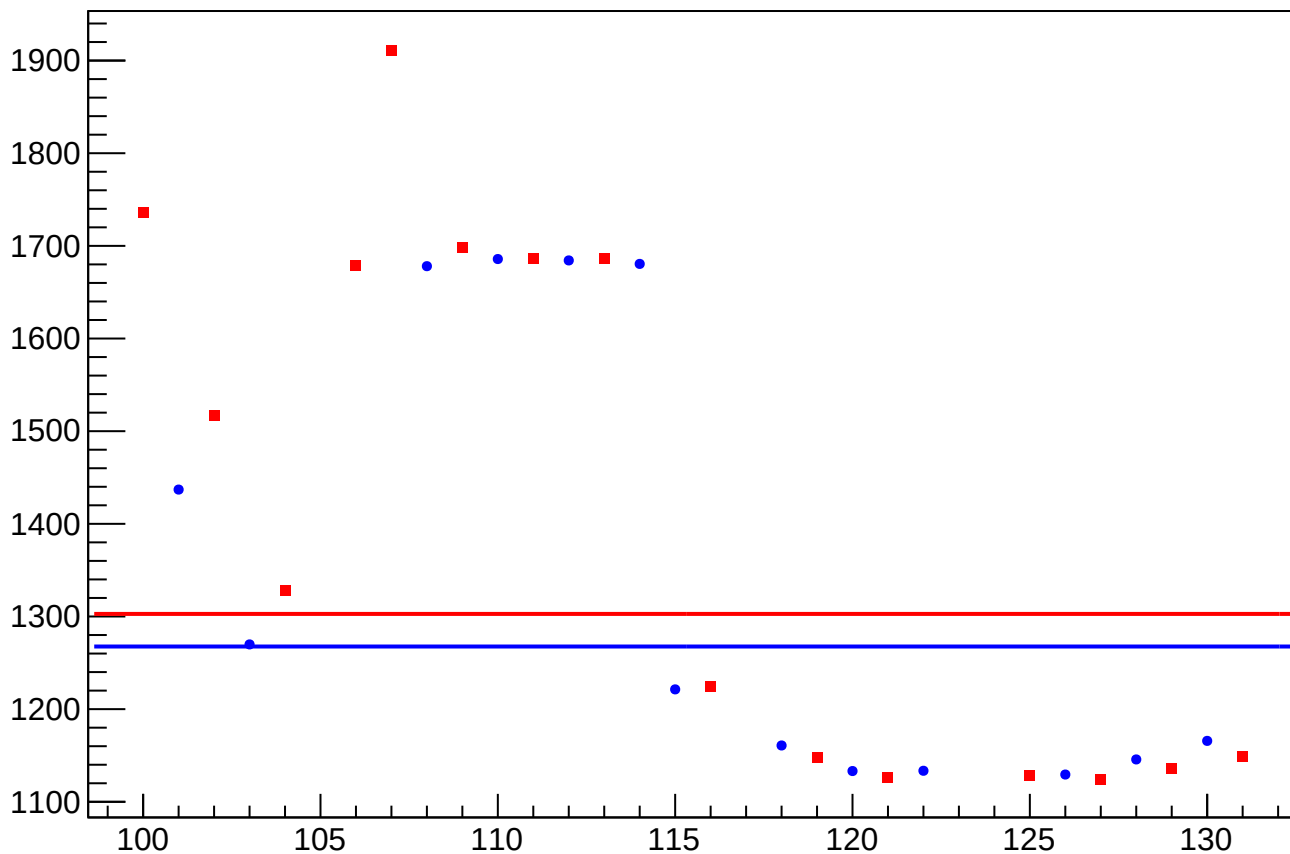
Right: -66.926 ± 380.987 χ^2/NDF : 28.1/27

In: -297.393 ± 544.547 χ^2/NDF : 8.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.926 ± 380.987 χ^2/NDF : 28.1/27

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.774+/-0.377 χ^2/NDF : 388308.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

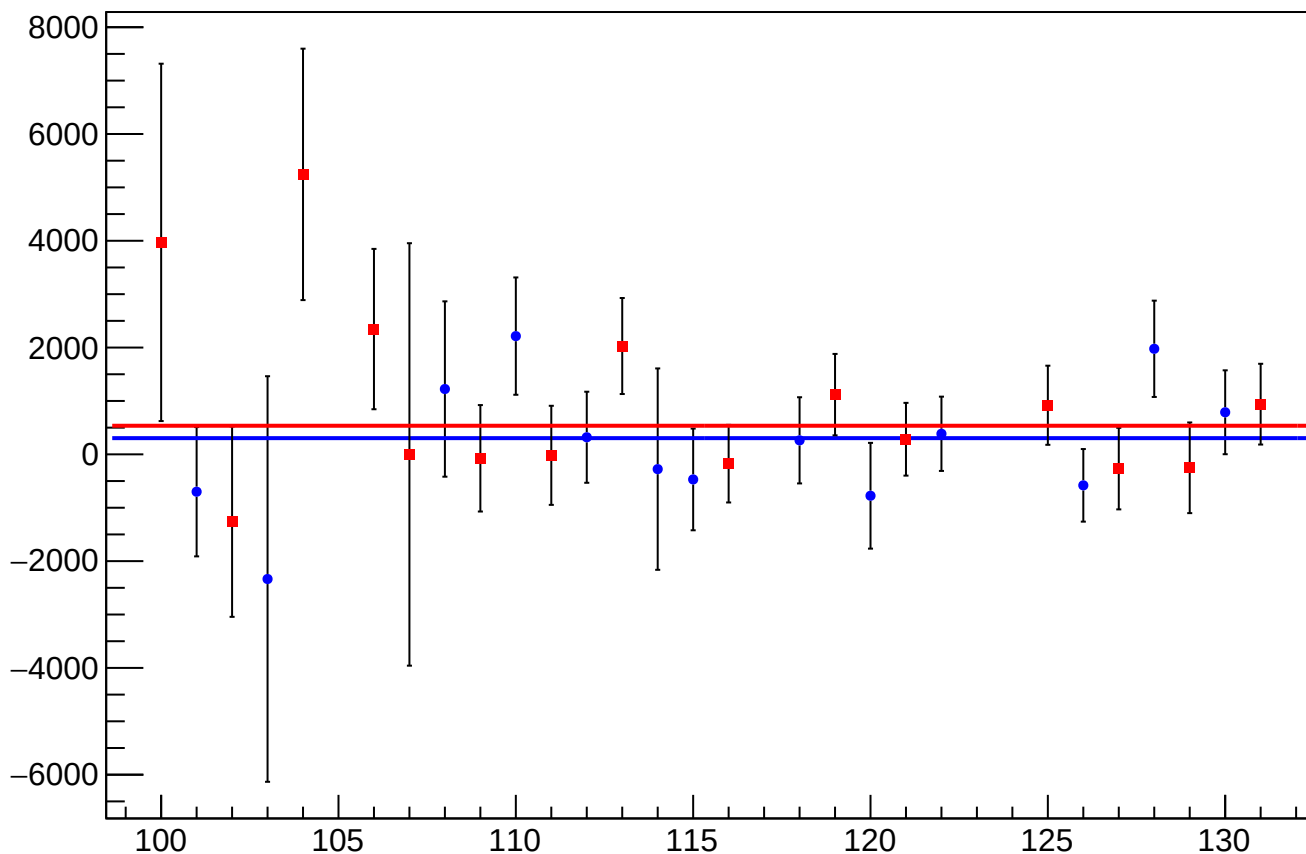
Right: 1285.556+/-0.269 χ^2/NDF : 642476.9/27

In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.556+/-0.269 χ^2/NDF : 642476.9/27

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 303.500+/-264.051 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.647+/-243.004 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

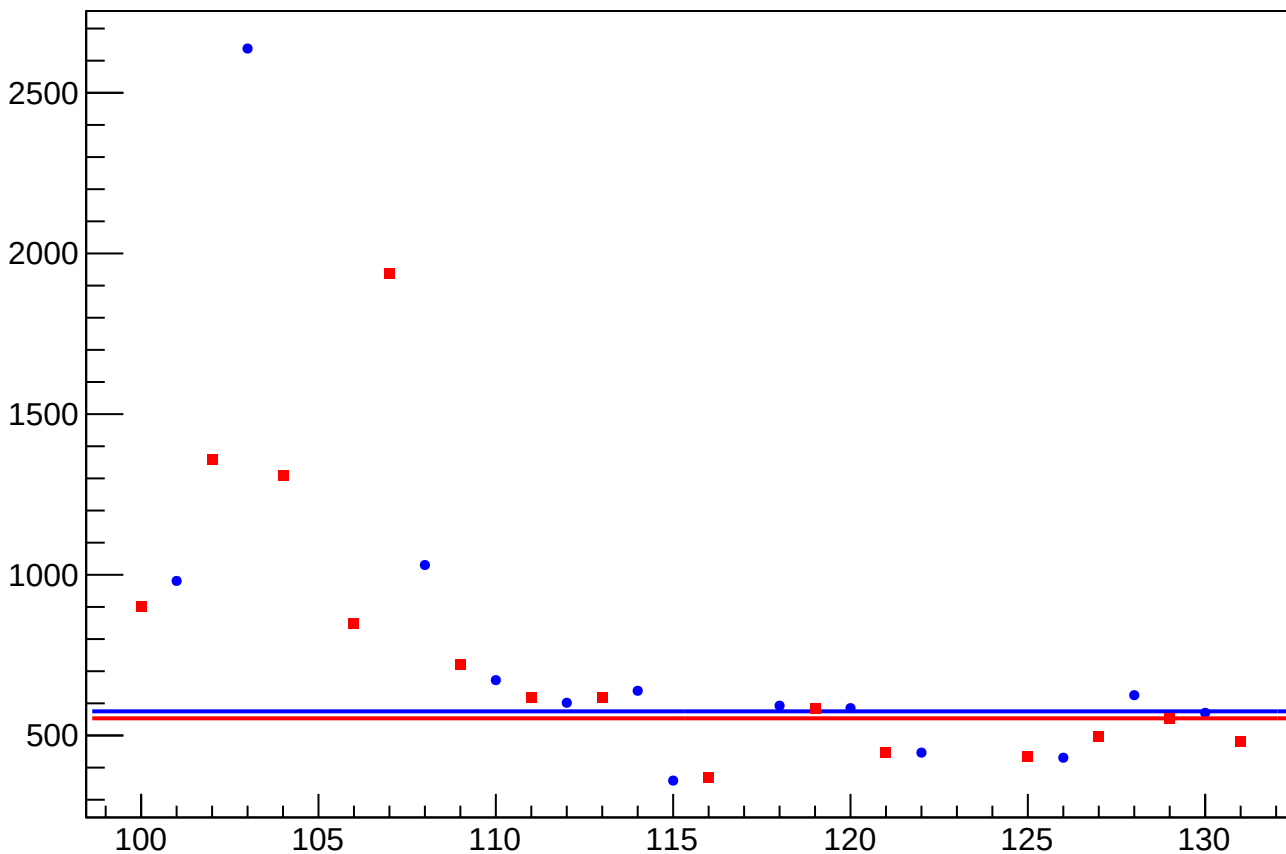
Right: 429.193+/-178.808 χ^2/NDF : 27.6/27

In: 303.500+/-264.051 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.193+/-178.808 χ^2/NDF : 27.6/27

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 575.100+/-0.187 χ^2/NDF : 1256345.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.352+/-0.172 χ^2/NDF : 1298603.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

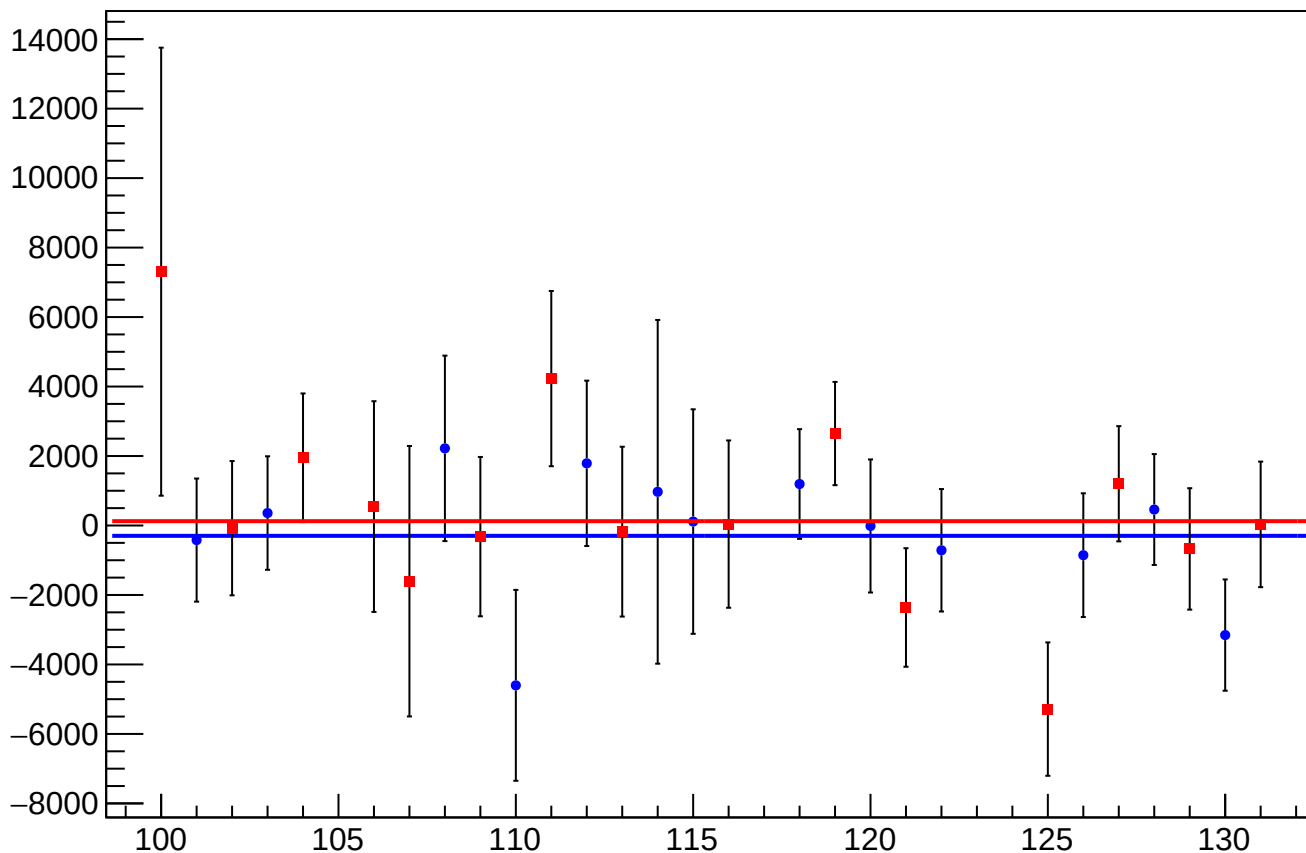
Right: 563.325+/-0.126 χ^2/NDF : 2562295.8/27

In: 575.100+/-0.187 χ^2/NDF : 1256345.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.325+/-0.126 χ^2/NDF : 2562295.8/27

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -297.704+/-544.547 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.634+/-533.757 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

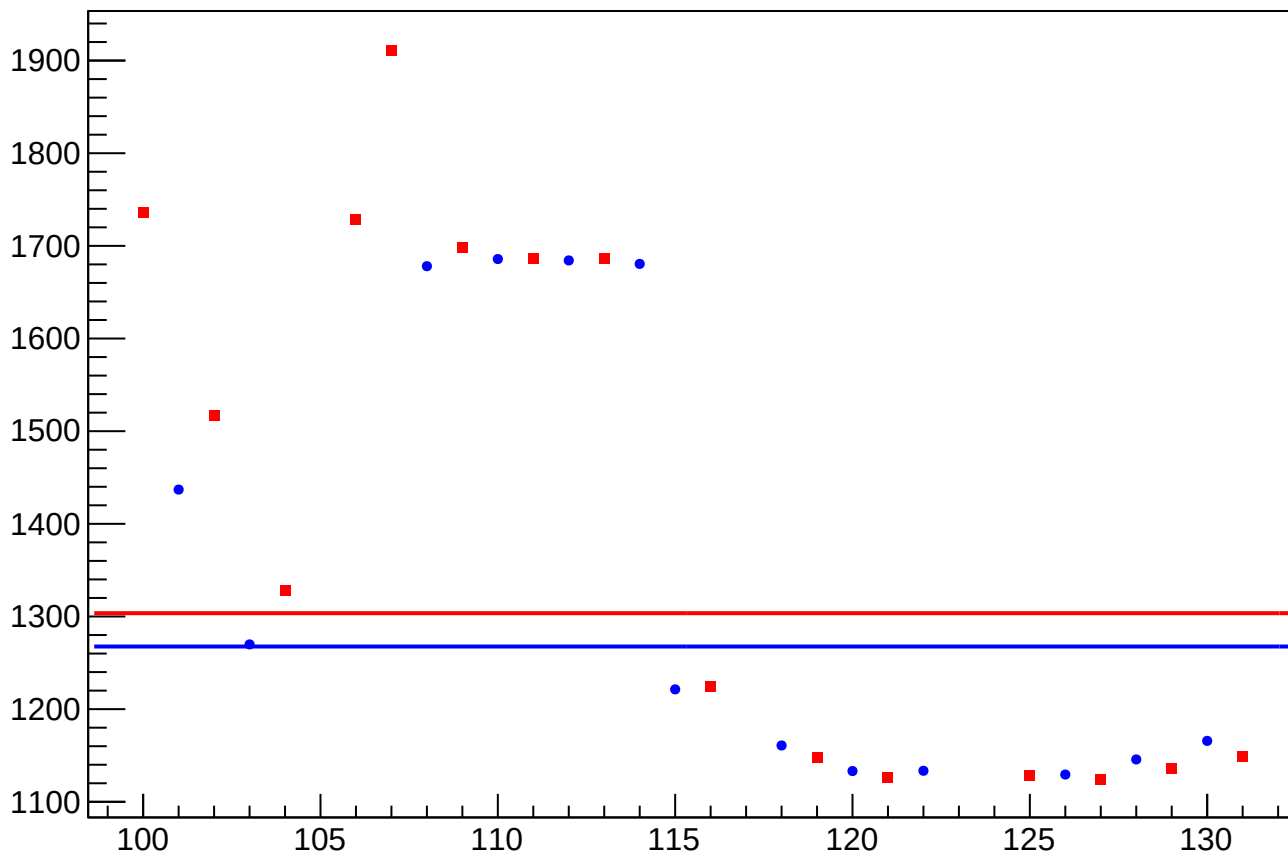
Right: -82.309+/-381.181 χ^2/NDF : 27.9/27

In: -297.704+/-544.547 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.309+/-381.181 χ^2/NDF : 27.9/27

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.582+/-0.377 χ^2/NDF : 395053.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

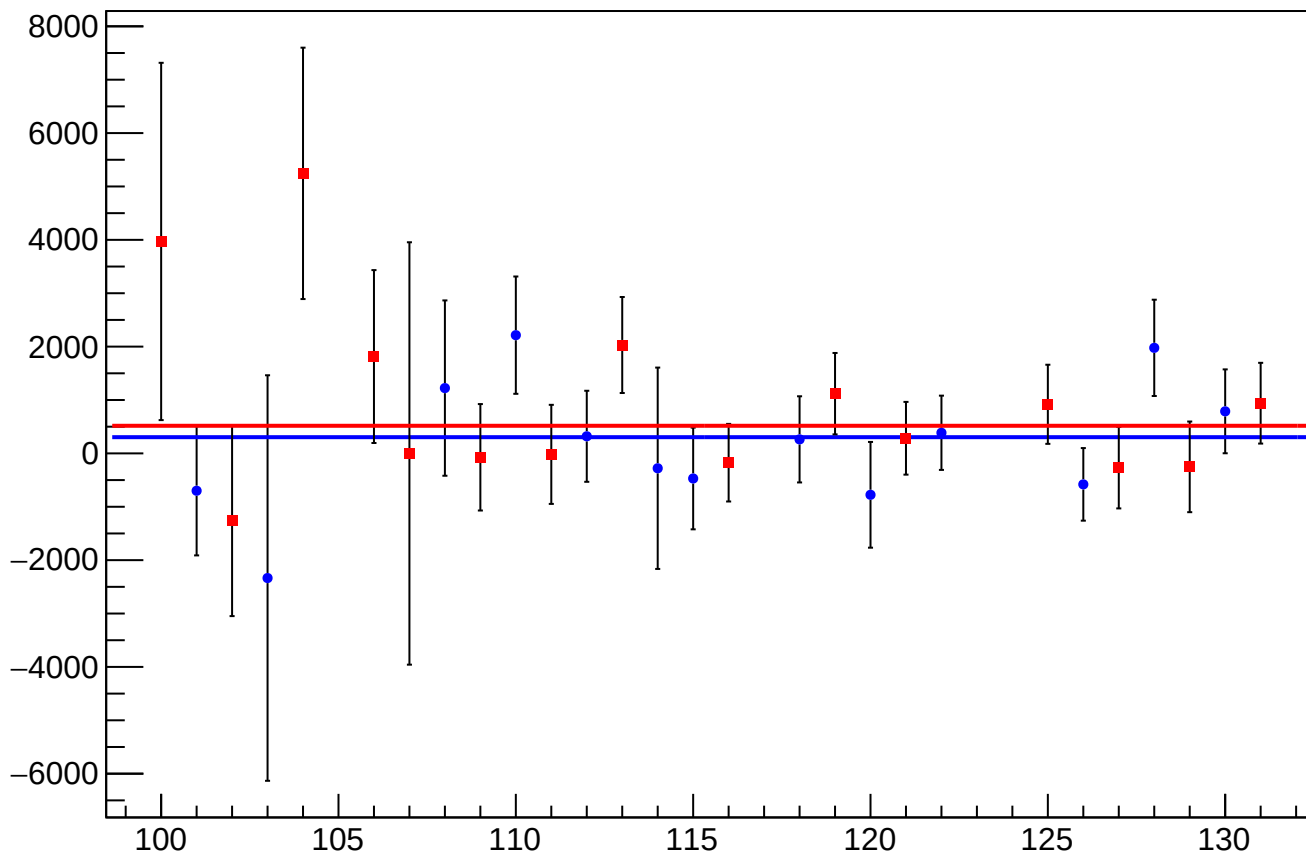
Right: 1285.951+/-0.270 χ^2/NDF : 649415.9/27

In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.951+/-0.270 χ^2/NDF : 649415.9/27

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.070+/-243.450 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

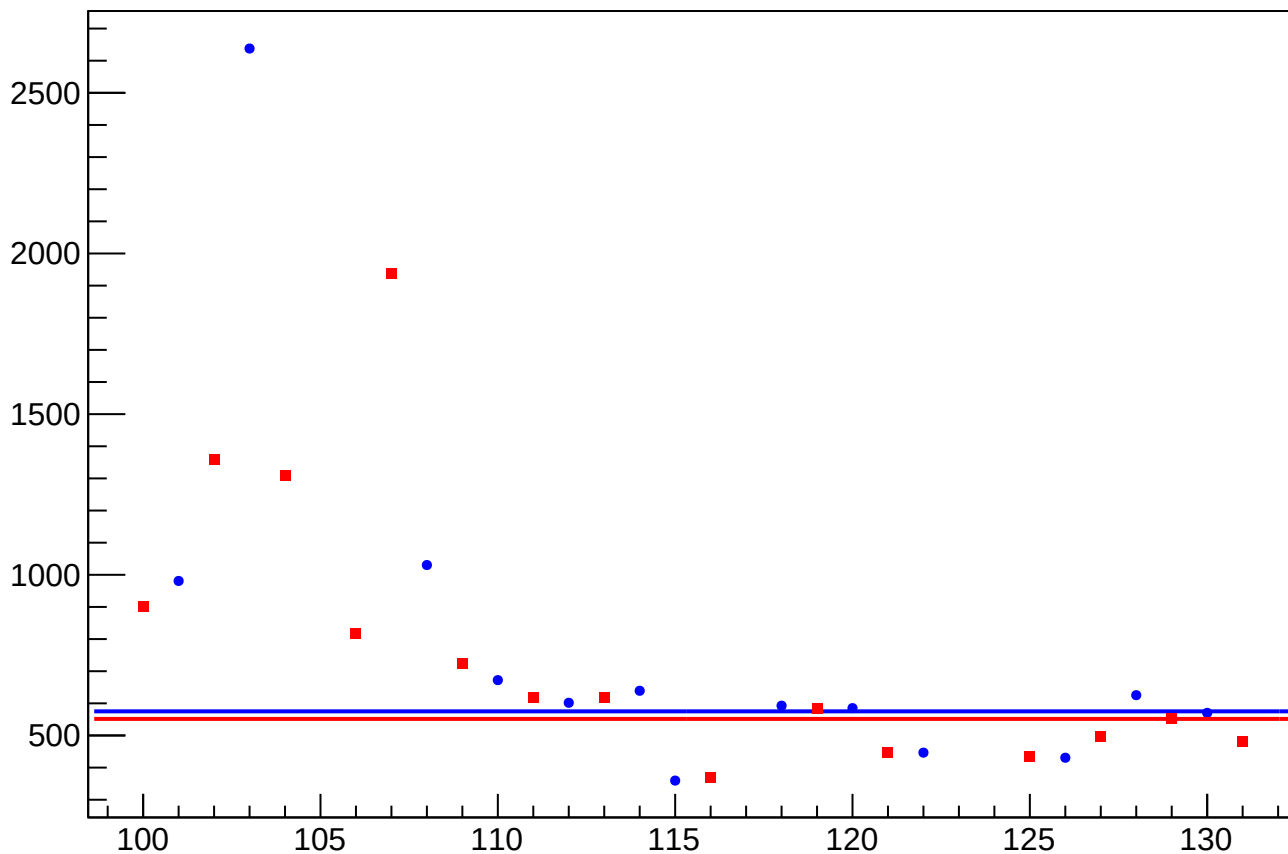
Right: 418.953+/-178.985 χ^2/NDF : 26.7/27

In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.953+/-178.985 χ^2/NDF : 26.7/27

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.562+/-0.172 χ^2/NDF : 1274765.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

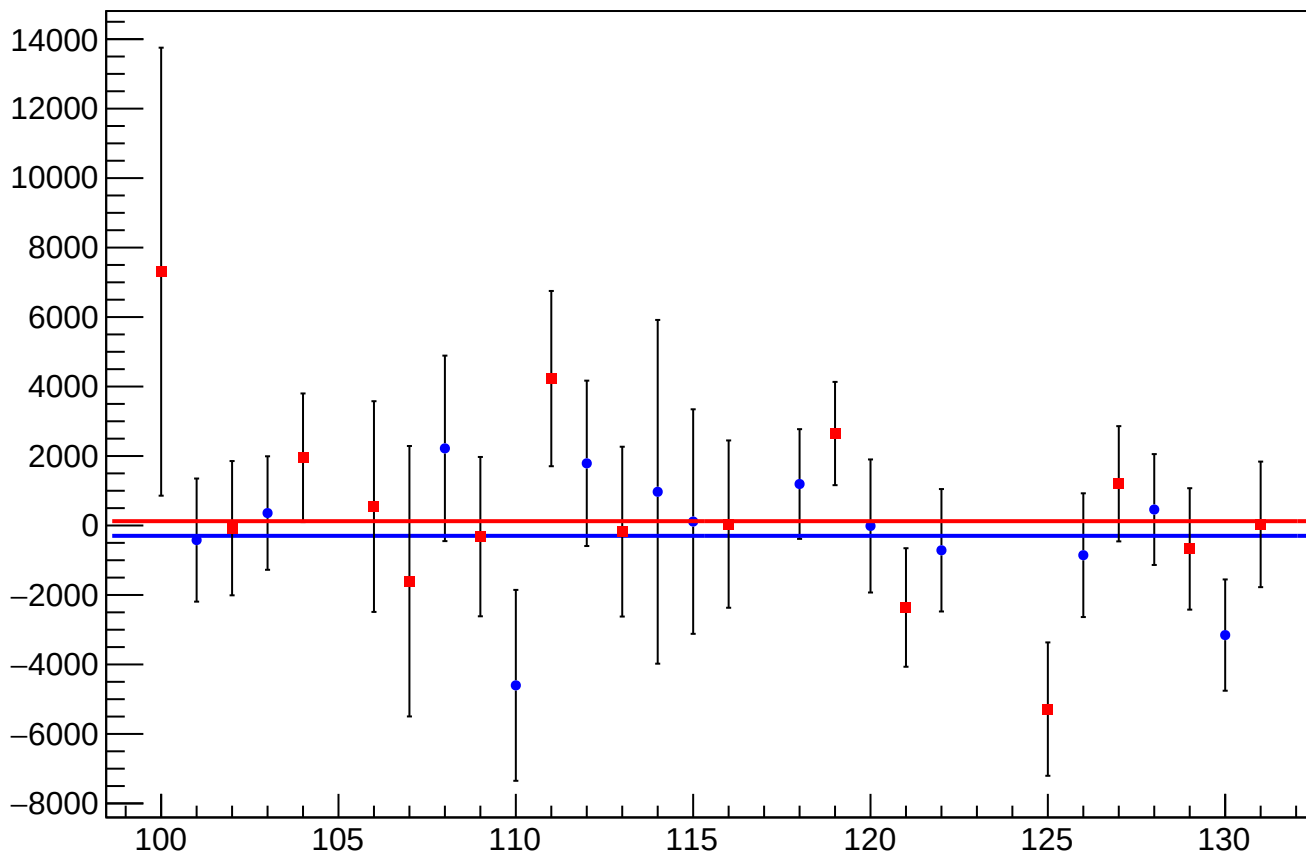
Right: 562.377+/-0.127 χ^2/NDF : 2539662.5/27

In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.377+/-0.127 χ^2/NDF : 2539662.5/27

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -297.704+/-544.547 χ^2 /NDF: 8.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 124.634+/-533.757 χ^2 /NDF: 18.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

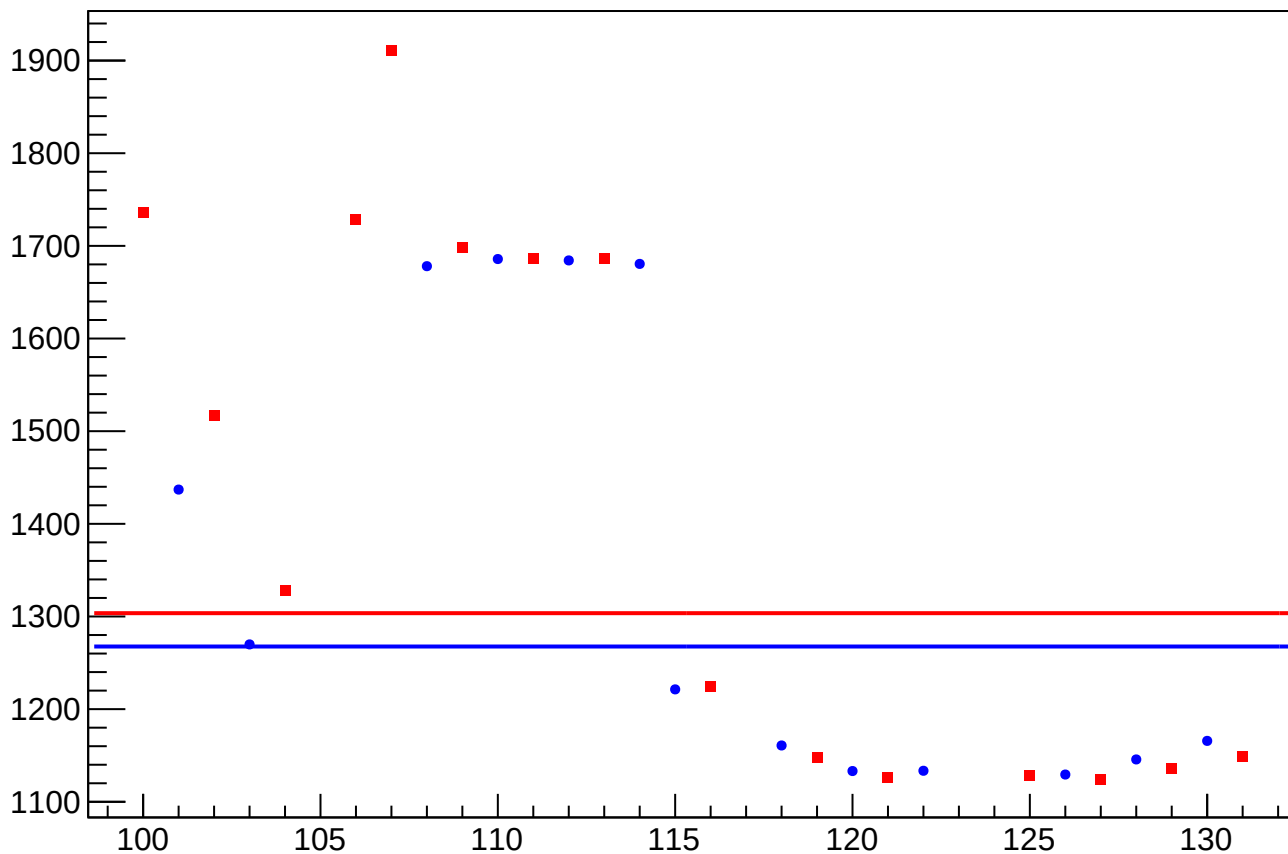
Right: -82.309+/-381.181 χ^2 /NDF: 27.9/27

In: -297.704+/-544.547 χ^2 /NDF:8.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -82.309+/-381.181 χ^2 /NDF: 27.9/27

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.582+/-0.377 χ^2/NDF : 395053.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

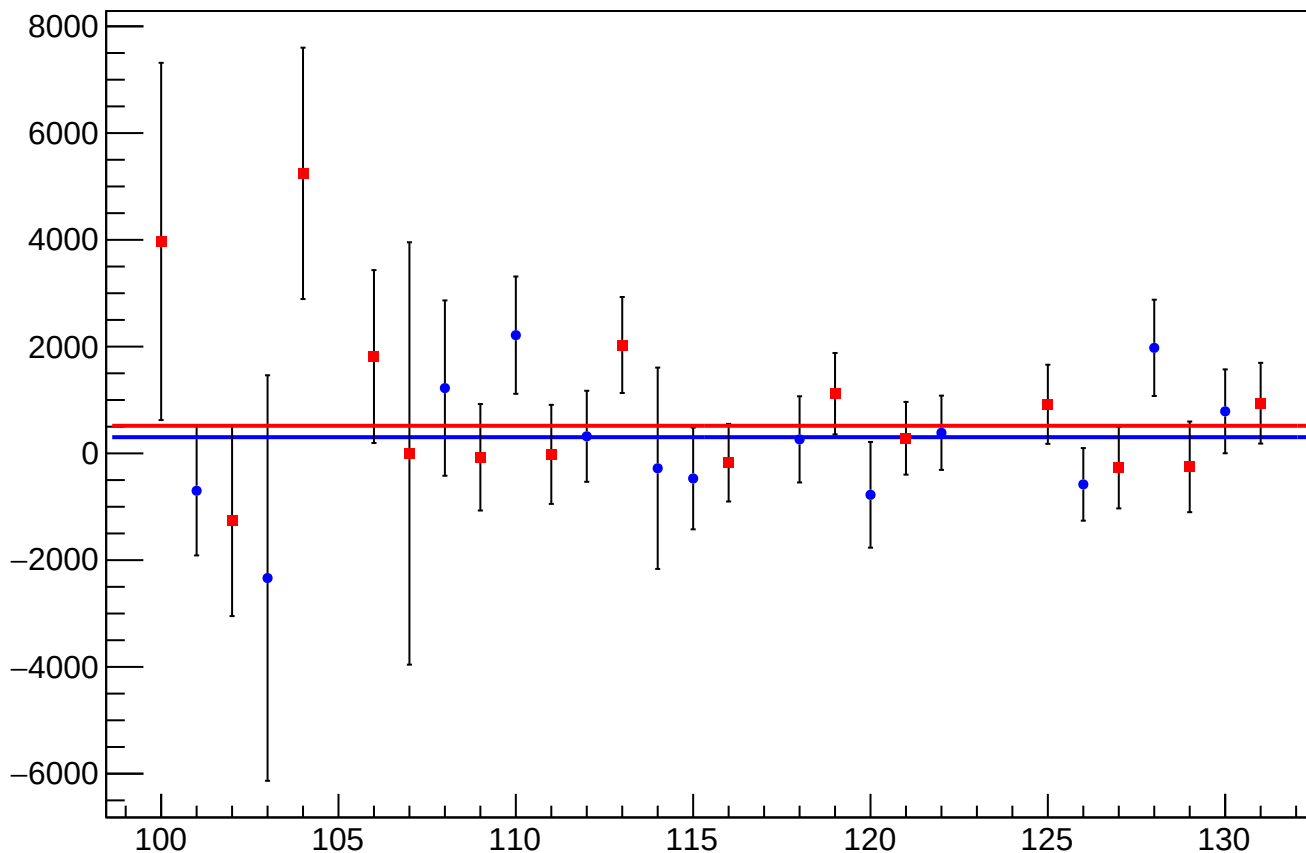
Right: 1285.951+/-0.270 χ^2/NDF : 649415.9/27

In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.951+/-0.270 χ^2/NDF : 649415.9/27

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.528 $\pm$ 264.050 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 517.070 $\pm$ 243.450 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

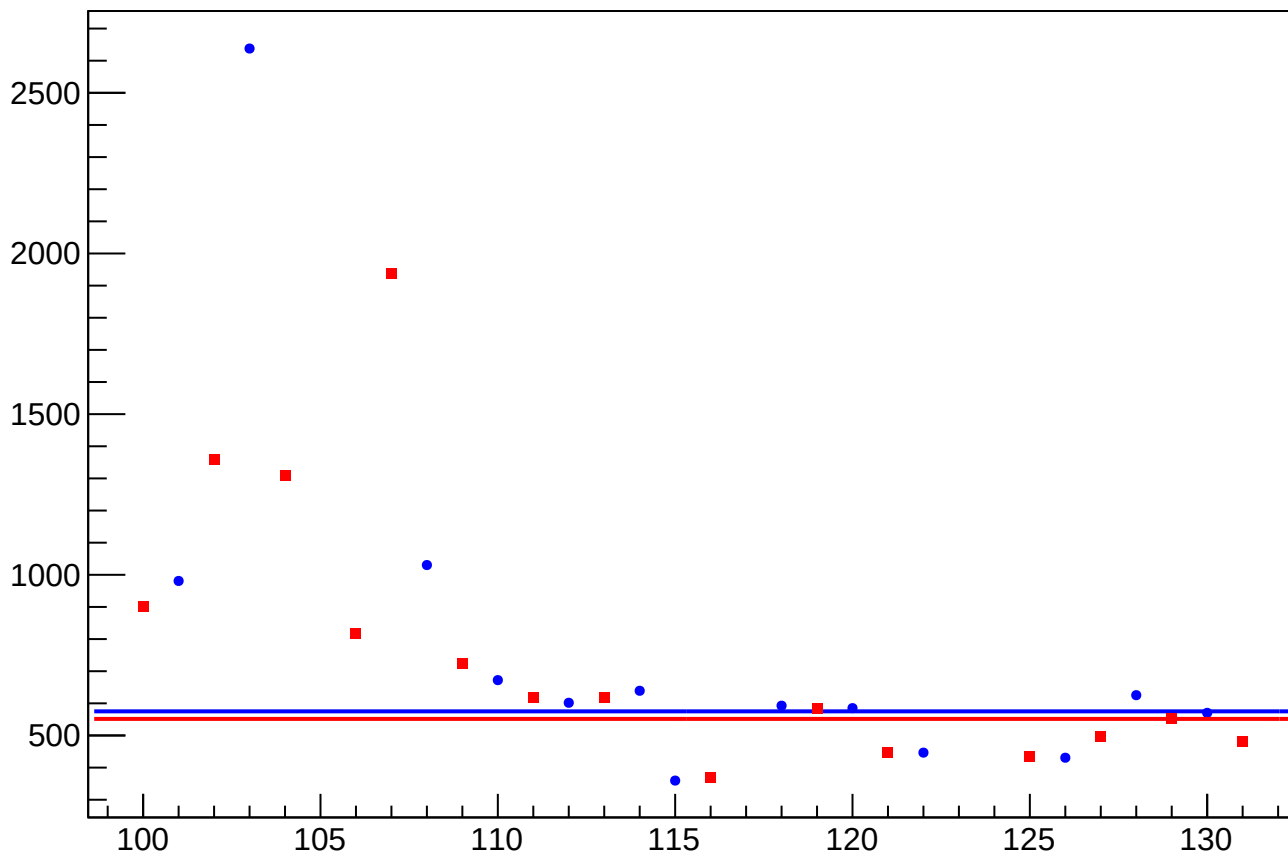
Right: 418.953 $\pm$ 178.985 χ^2 /NDF: 26.7/27

In: 303.528 $\pm$ 264.050 χ^2 /NDF:12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 418.953 $\pm$ 178.985 χ^2 /NDF: 26.7/27

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 551.562+/-0.172 χ^2/NDF : 1274765.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

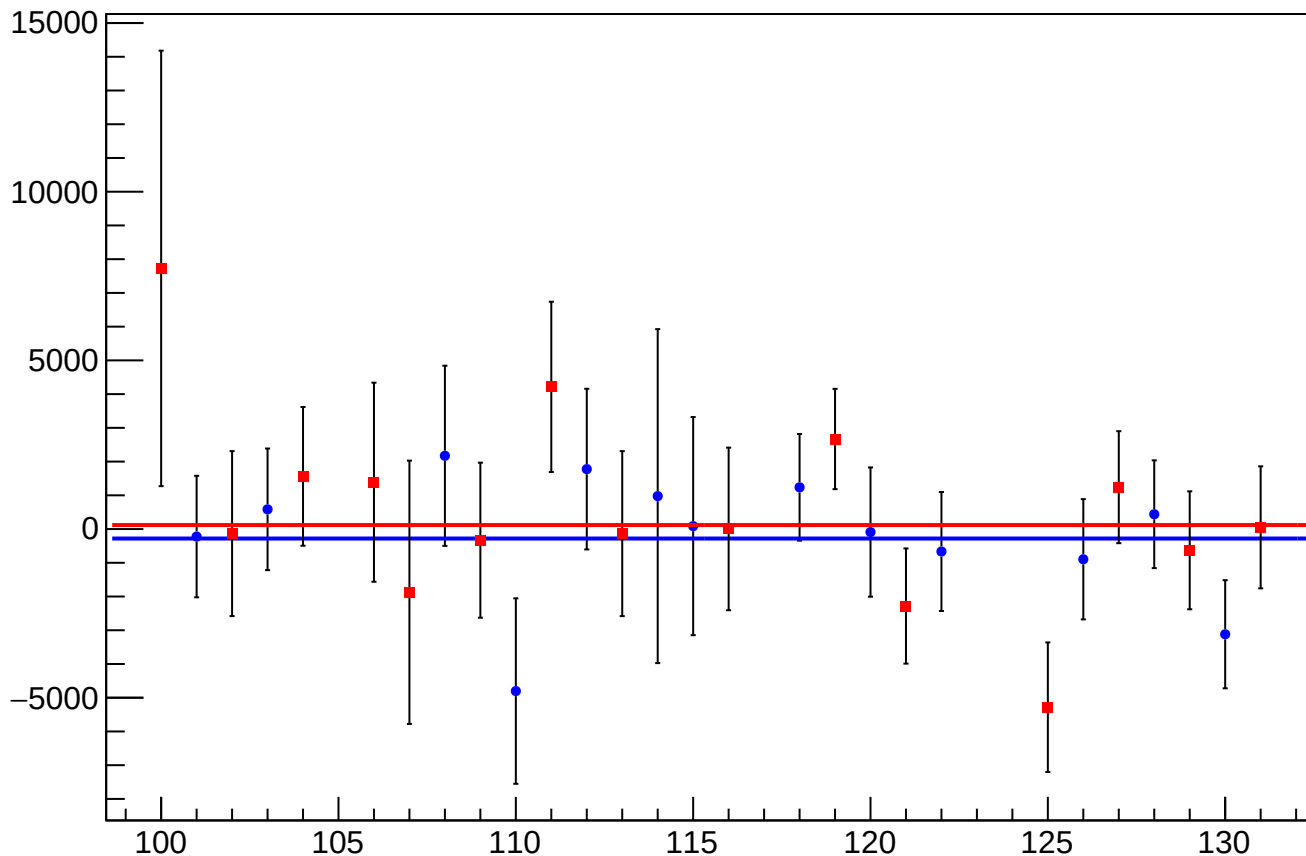
Right: 562.377+/-0.127 χ^2/NDF : 2539662.5/27

In: 575.099+/-0.187 χ^2/NDF :1256307.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 562.377+/-0.127 χ^2/NDF : 2539662.5/27

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -280.868+/-551.139 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.702+/-545.824 χ^2/NDF : 18.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

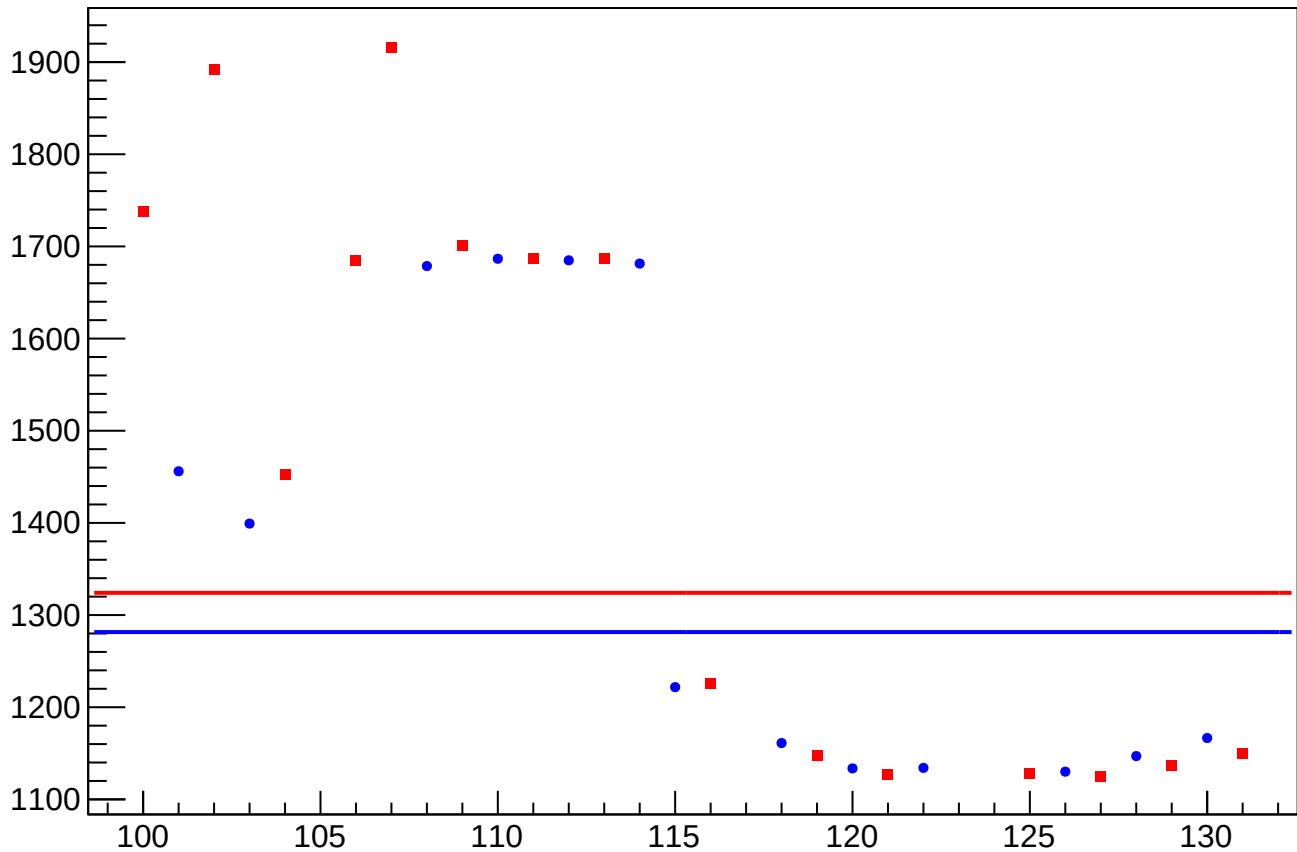
Right: -79.147+/-387.821 χ^2/NDF : 27.8/27

In: -280.868+/-551.139 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.147+/-387.821 χ^2/NDF : 27.8/27

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1281.527+/-0.390 χ^2/NDF : 262523.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.157+/-0.386 χ^2/NDF : 488354.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

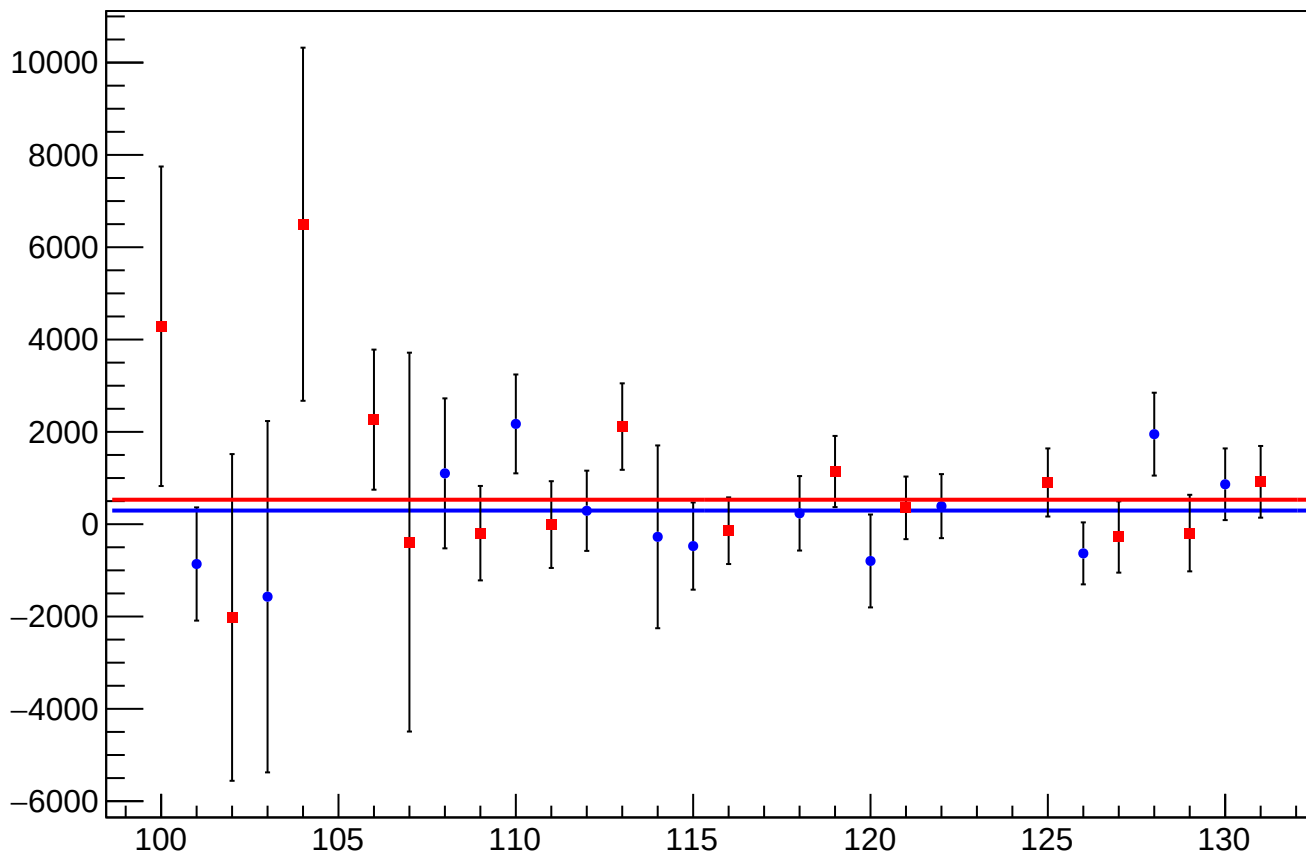
Right: 1303.048+/-0.274 χ^2/NDF : 756918.7/27

In: 1281.527+/-0.390 χ^2/NDF : 262523.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.048+/-0.274 χ^2/NDF : 756918.7/27

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.334+/-247.261 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

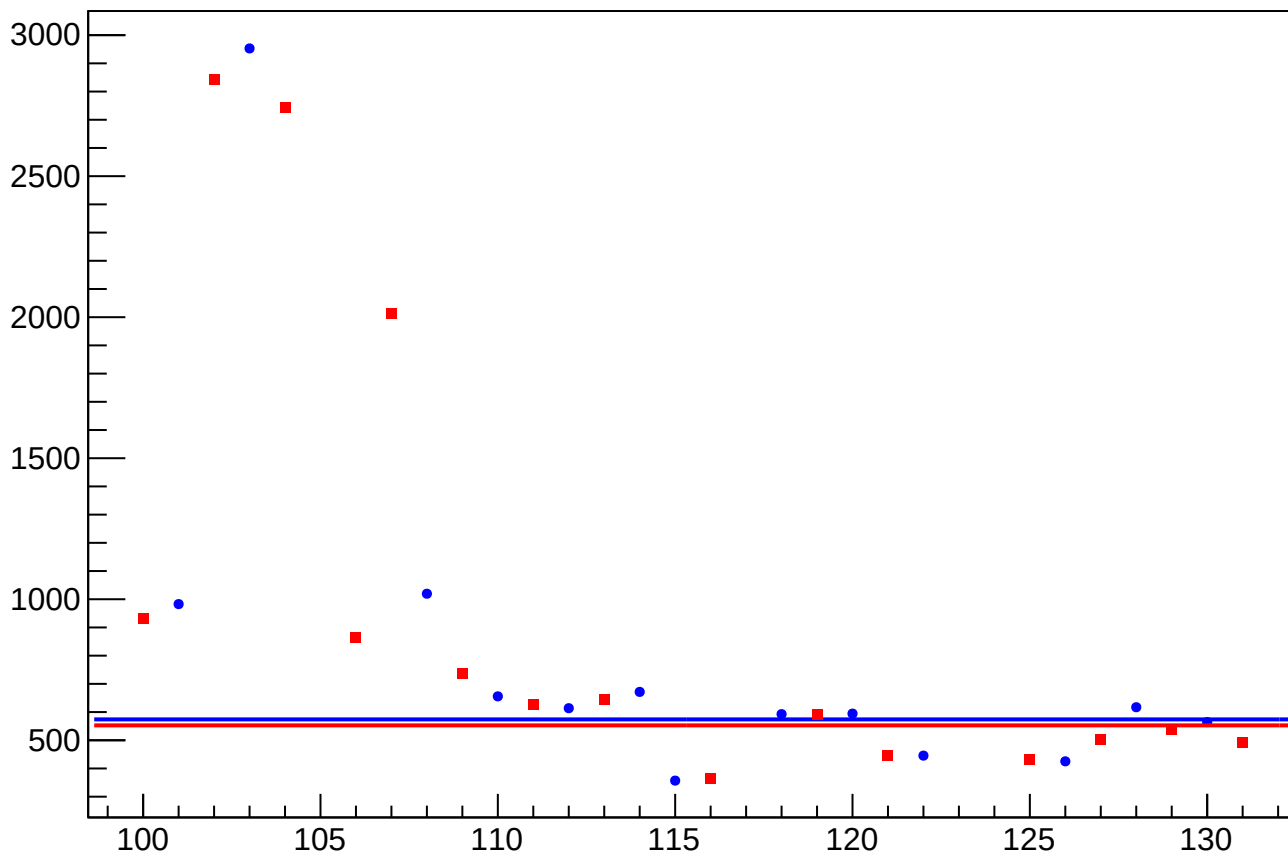
Right: 420.352+/-180.299 χ^2/NDF : 25.8/27

In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.352+/-180.299 χ^2/NDF : 25.8/27

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 574.036+/-0.186 χ^2/NDF : 1453747.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.840+/-0.175 χ^2/NDF : 2216243.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

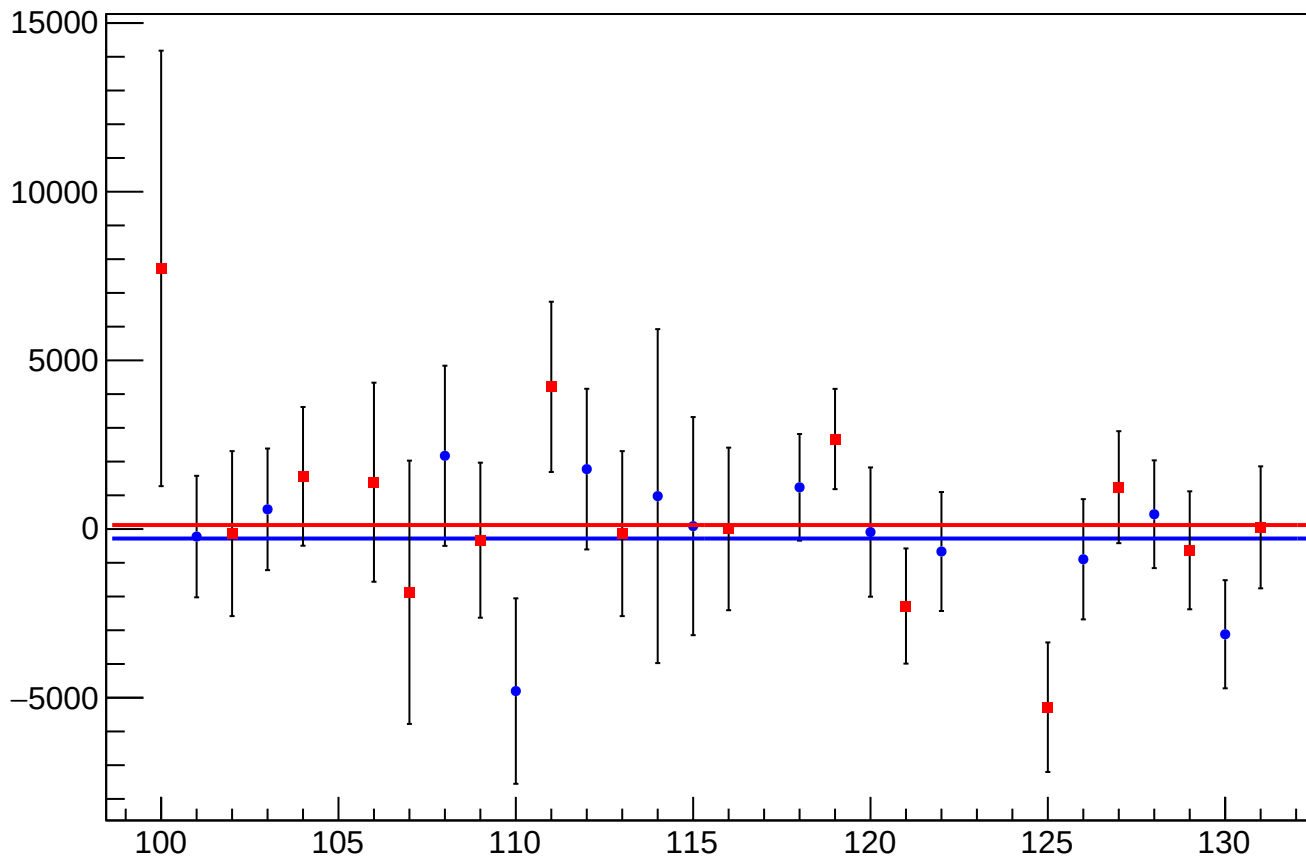
Right: 562.766+/-0.127 χ^2/NDF : 3676873.7/27

In: 574.036+/-0.186 χ^2/NDF : 1453747.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.766+/-0.127 χ^2/NDF : 3676873.7/27

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -280.866 ± 551.139 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 118.702 ± 545.824 χ^2/NDF : 18.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

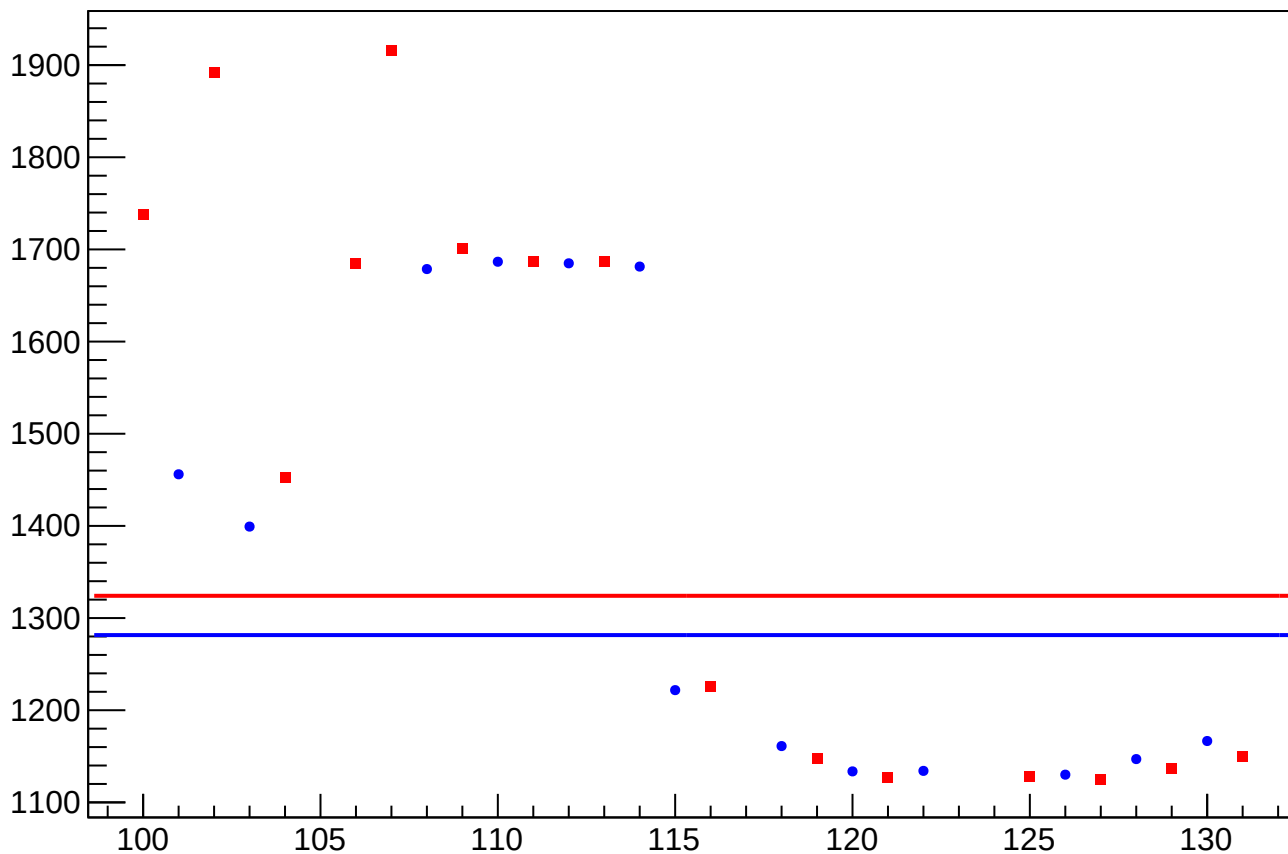
Right: -79.146 ± 387.821 χ^2/NDF : 27.8/27

In: -280.866 ± 551.139 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.146 ± 387.821 χ^2/NDF : 27.8/27

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1281.526+/-0.390 χ^2/NDF : 262523.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.157+/-0.386 χ^2/NDF : 488353.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

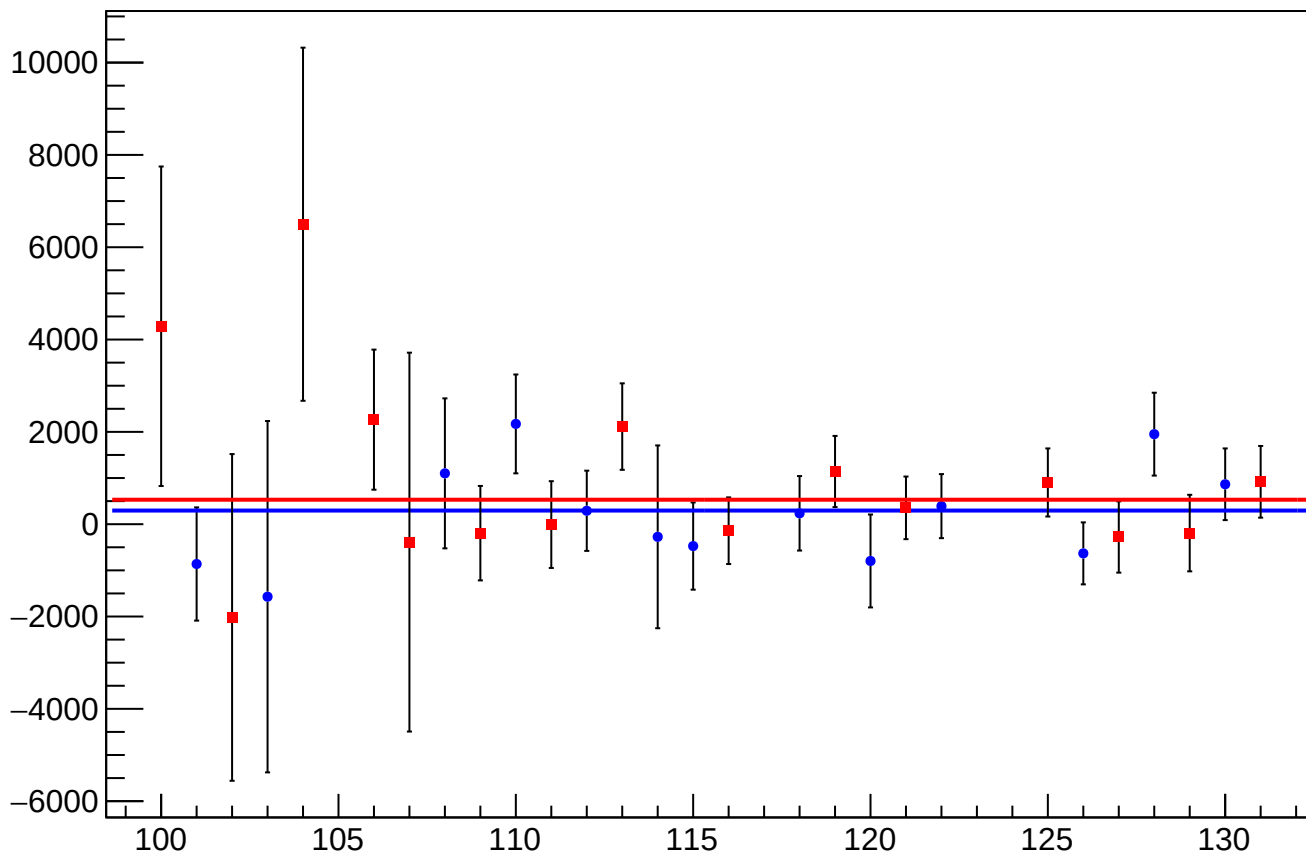
Right: 1303.048+/-0.274 χ^2/NDF : 756918.0/27

In: 1281.526+/-0.390 χ^2/NDF : 262523.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.048+/-0.274 χ^2/NDF : 756918.0/27

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.334+/-247.261 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

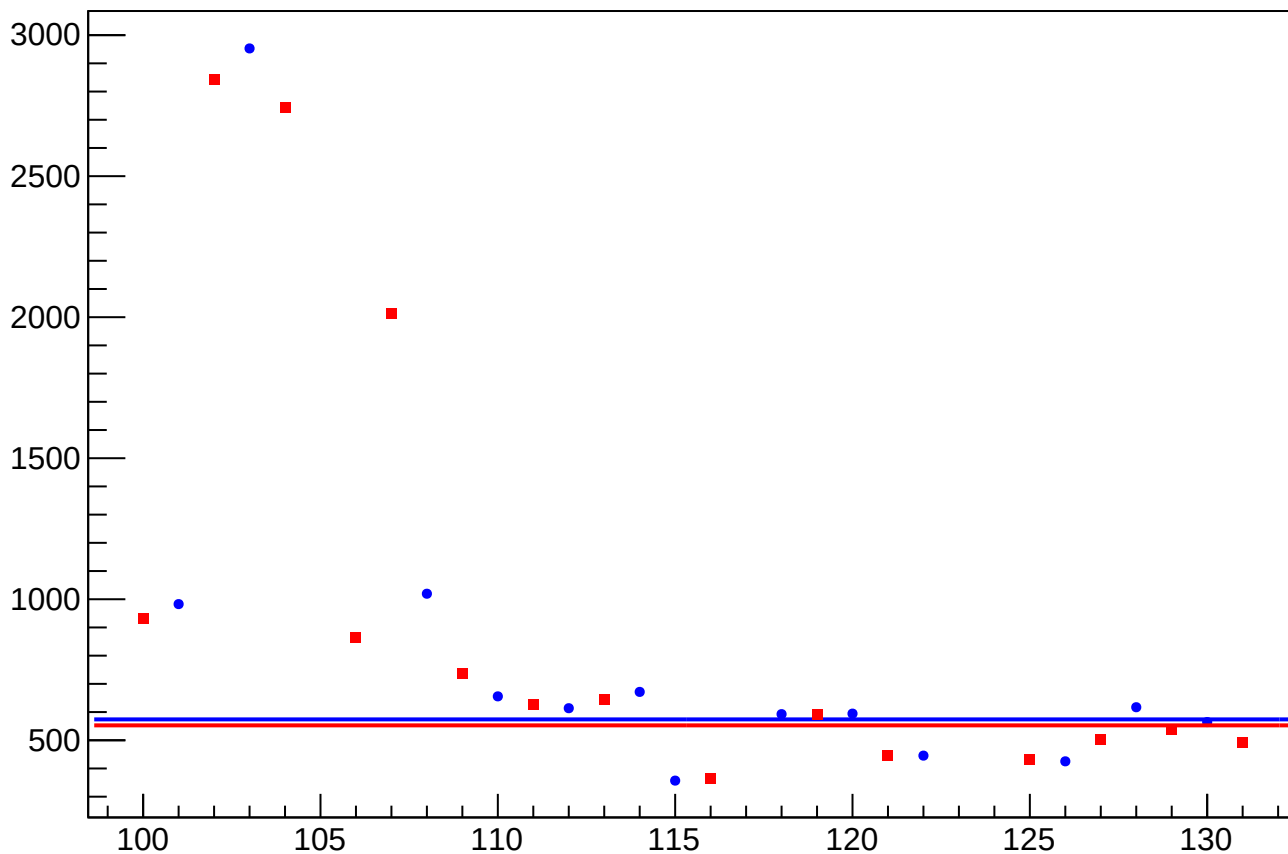
Right: 420.353+/-180.299 χ^2/NDF : 25.8/27

In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.353+/-180.299 χ^2/NDF : 25.8/27

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 574.036+/-0.186 χ^2/NDF : 1453745.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.840+/-0.175 χ^2/NDF : 2216244.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

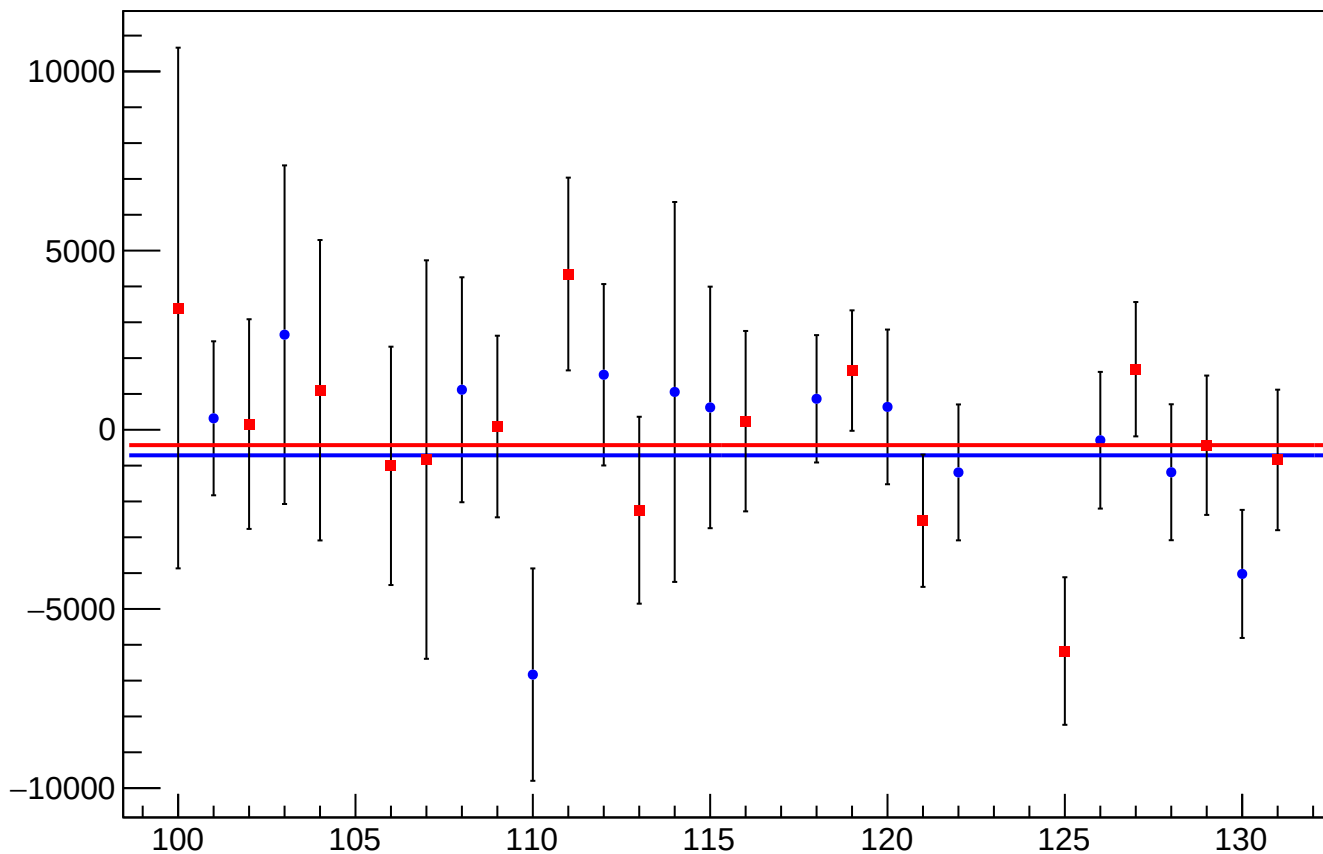
Right: 562.766+/-0.127 χ^2/NDF : 3676871.9/27

In: 574.036+/-0.186 χ^2/NDF : 1453745.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.766+/-0.127 χ^2/NDF : 3676871.9/27

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -712.973+/-641.277 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -428.572+/-619.335 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

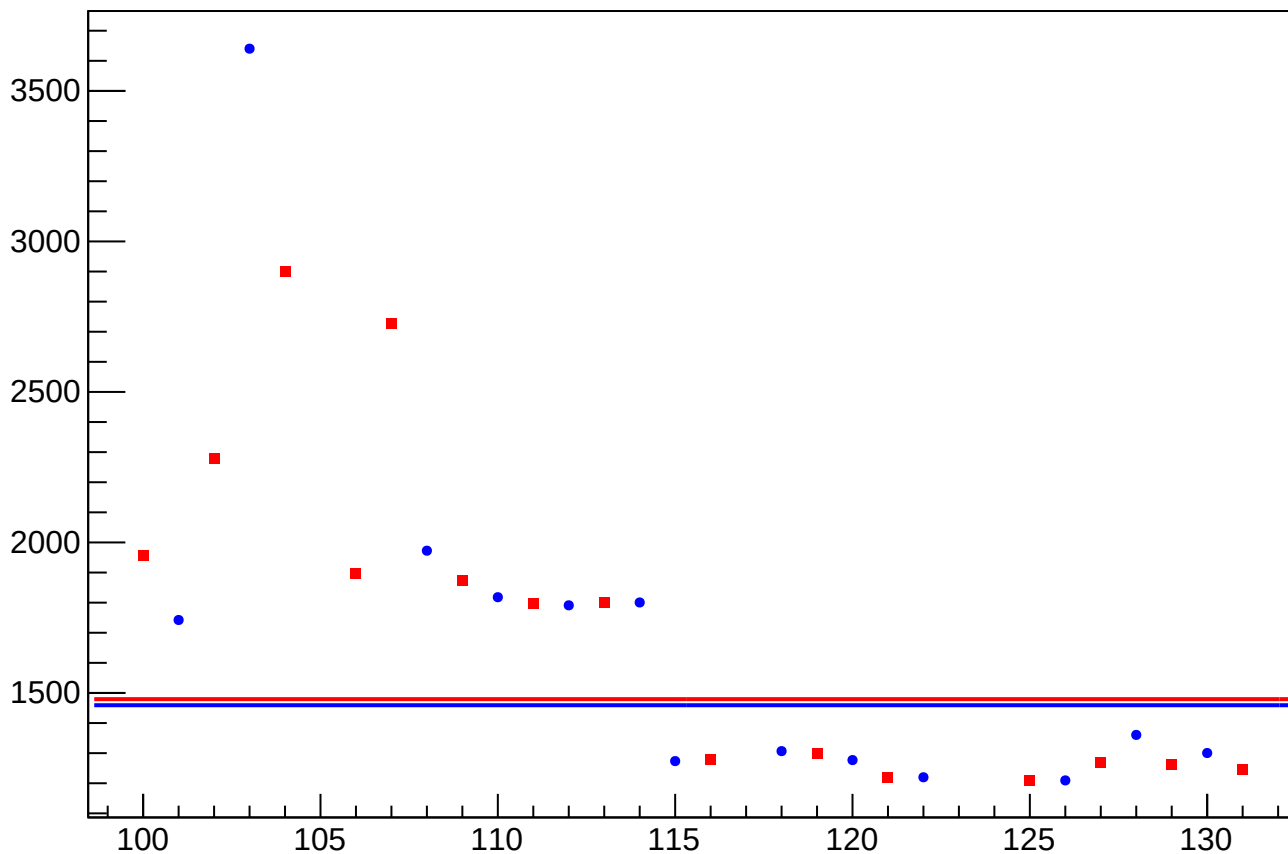
Right: -565.824+/-445.491 χ^2/NDF : 27.5/27

In: -712.973+/-641.277 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.824+/-445.491 χ^2/NDF : 27.5/27

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1459.195+/-0.453 χ^2/NDF : 708835.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.416+/-0.438 χ^2/NDF : 815229.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

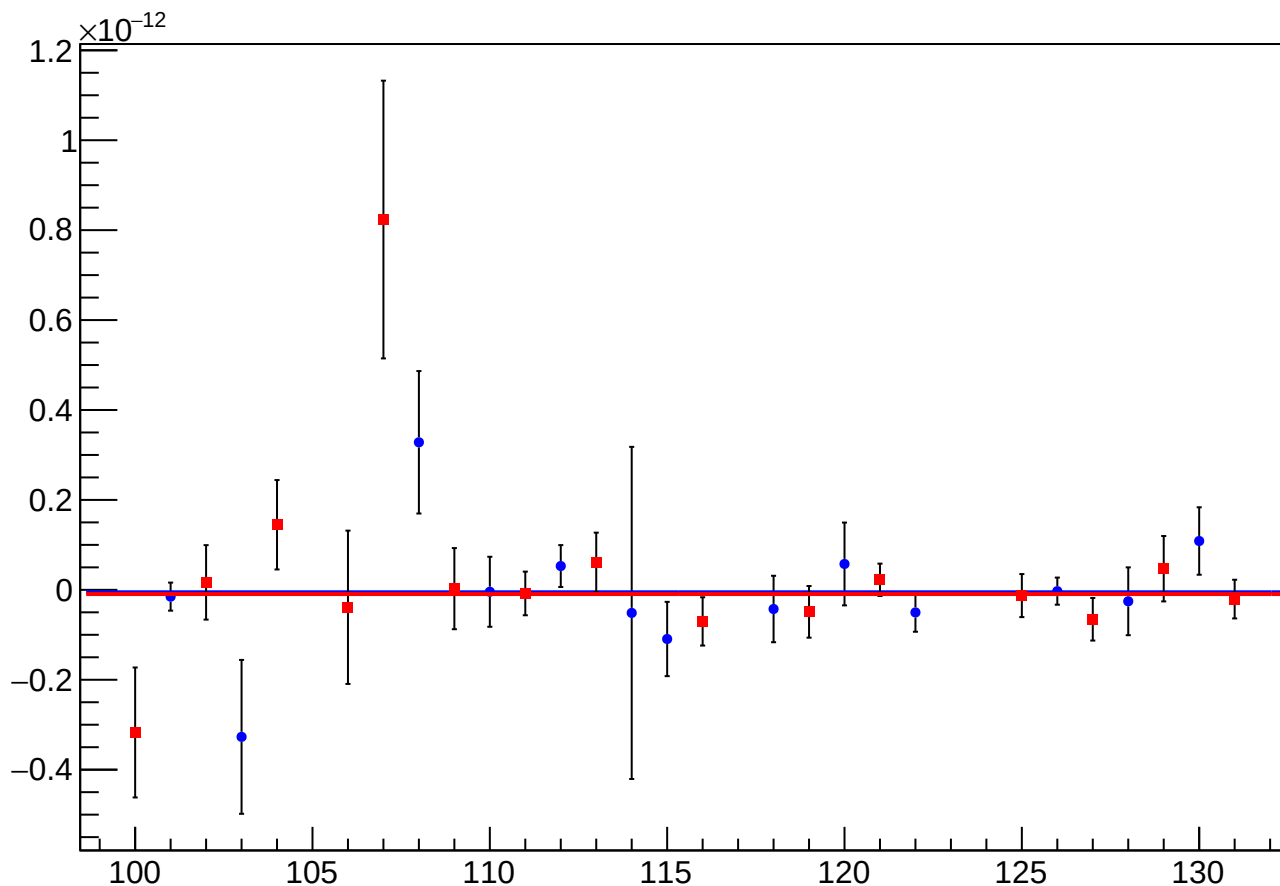
Right: 1469.657+/-0.315 χ^2/NDF : 1525093.5/27

In: 1459.195+/-0.453 χ^2/NDF : 708835.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.657+/-0.315 χ^2/NDF : 1525093.5/27

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

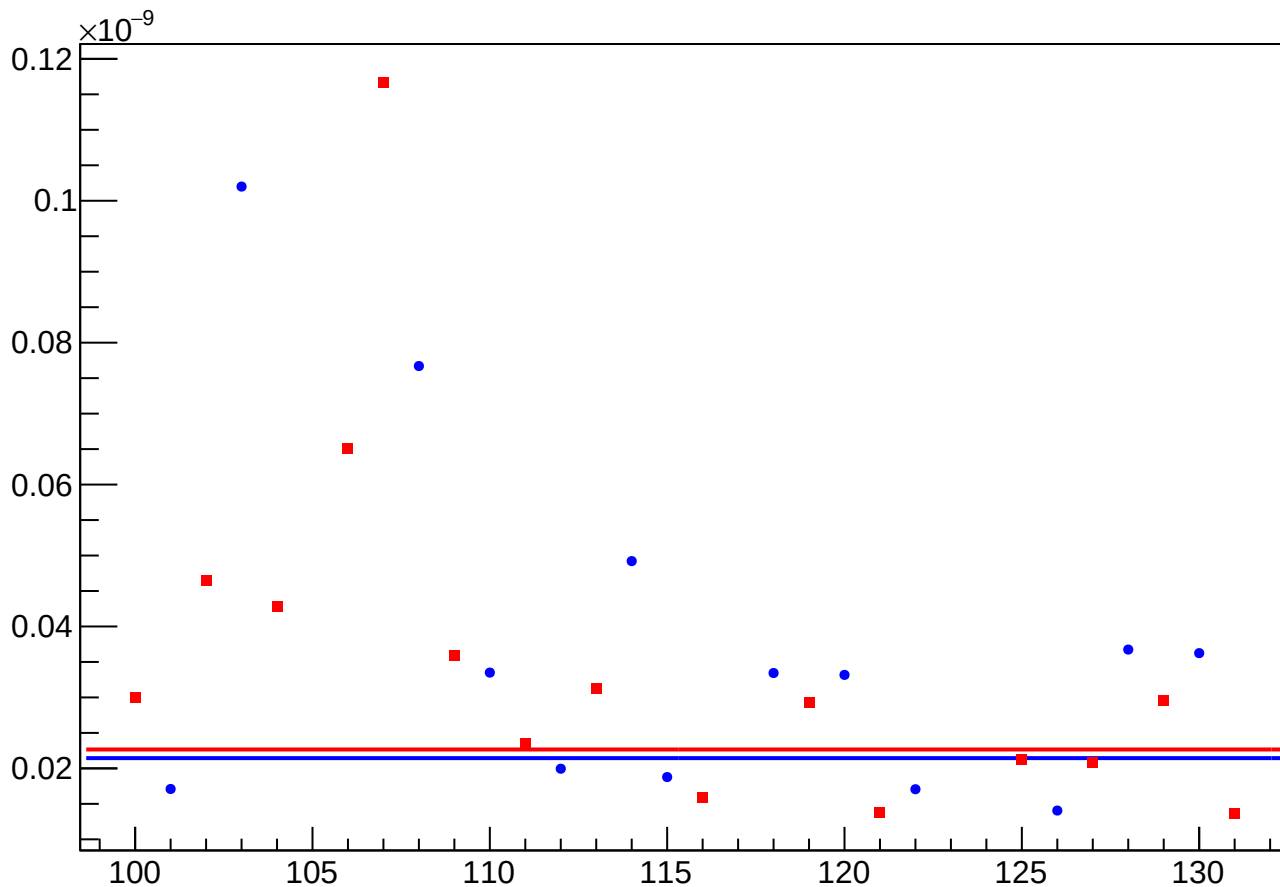
Right: -0.000+/-0.000 χ^2/NDF : 35.6/27

In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.6/27

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1174943.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 929342.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

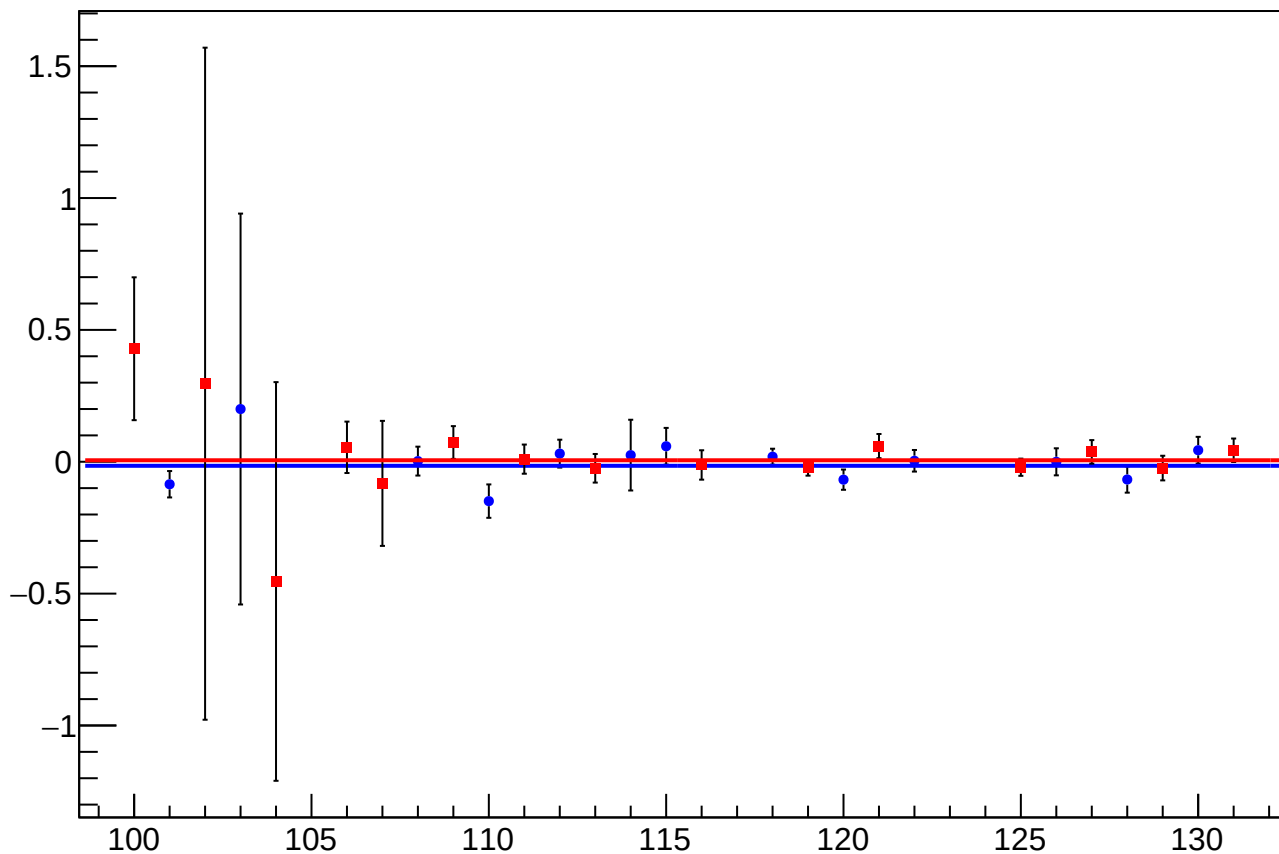
Right: 0.000+/-0.000 χ^2/NDF : 2110474.6/27

In: 0.000+/-0.000 χ^2/NDF : 1174943.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2110474.6/27

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.014 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

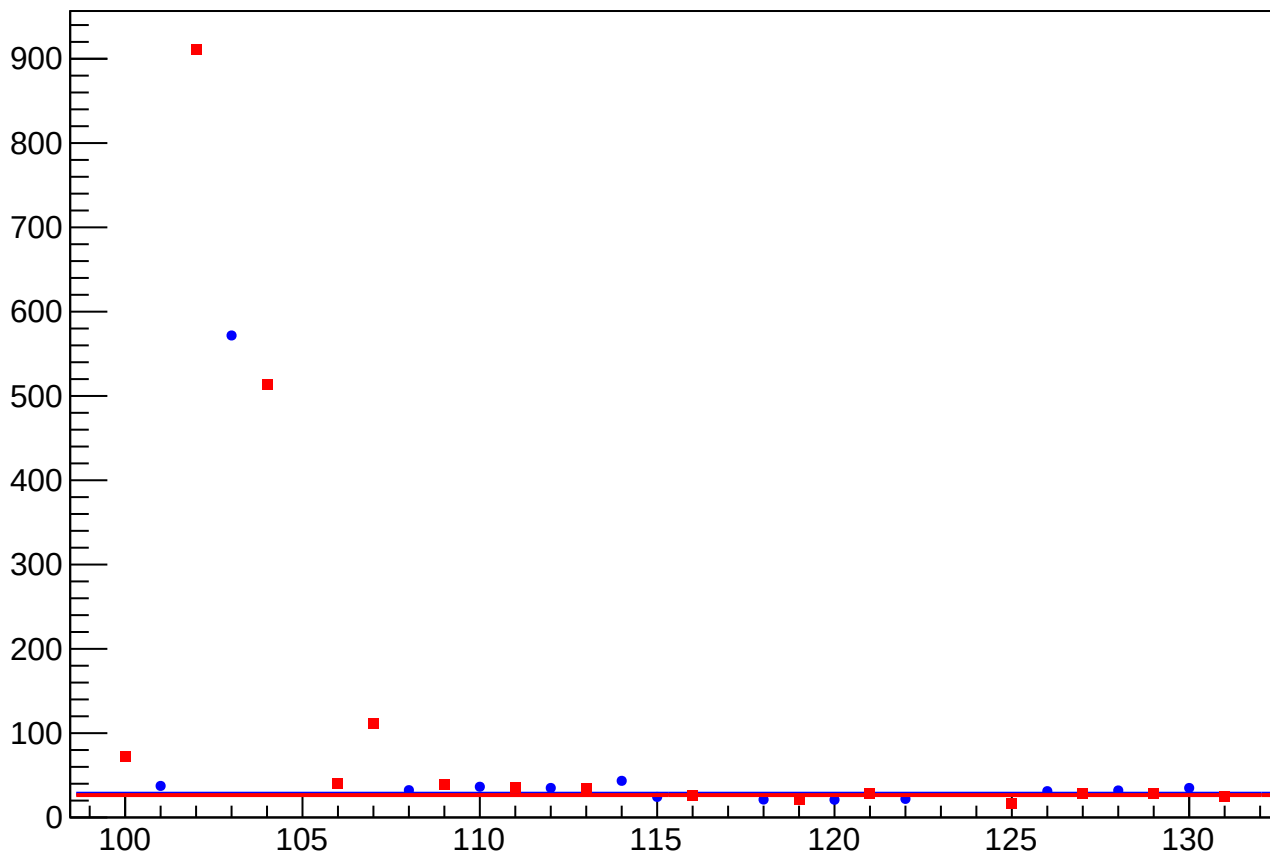
Right: -0.005+/-0.010 χ^2/NDF : 25.2/27

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.010 χ^2/NDF : 25.2/27

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580121.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

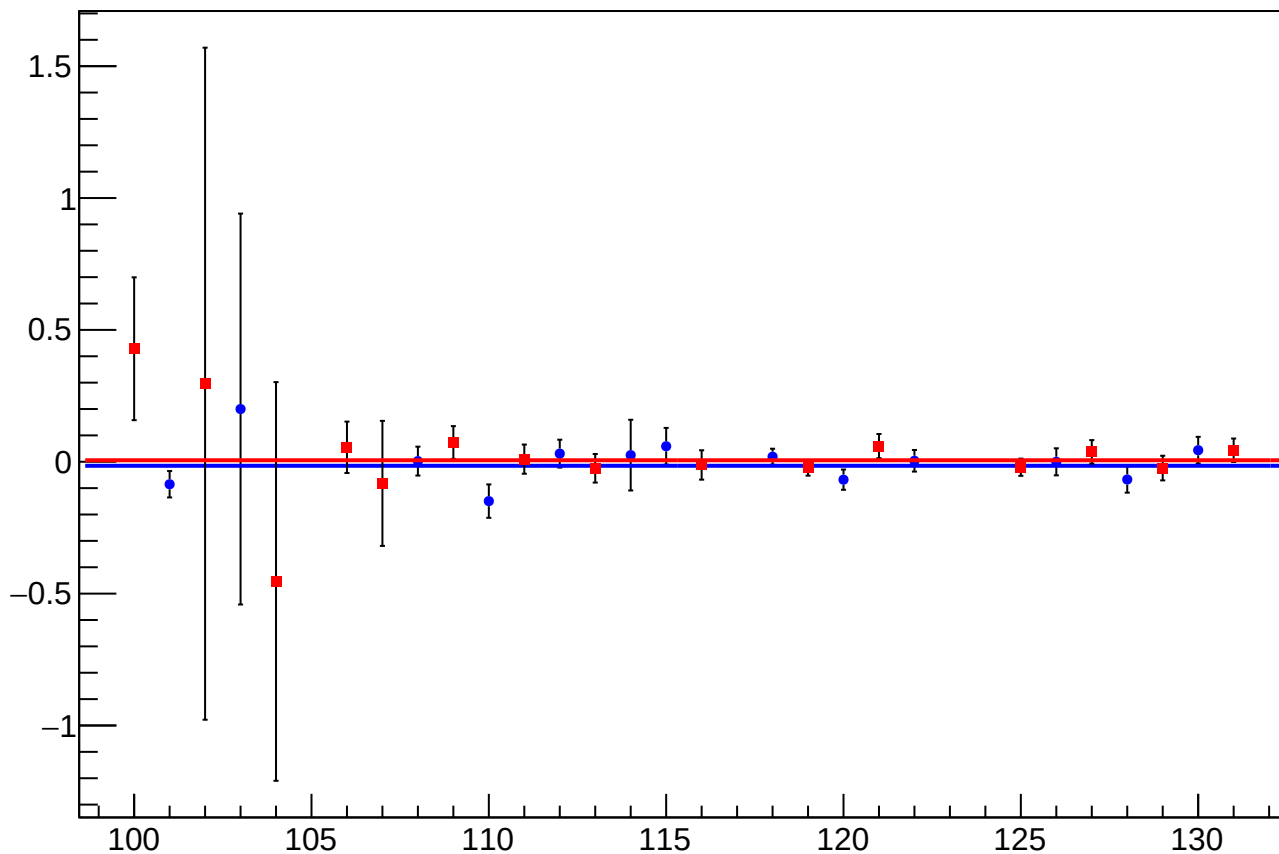
Right: 27.330+/-0.007 χ^2/NDF : 4123140.3/27

In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123140.3/27

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.014 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

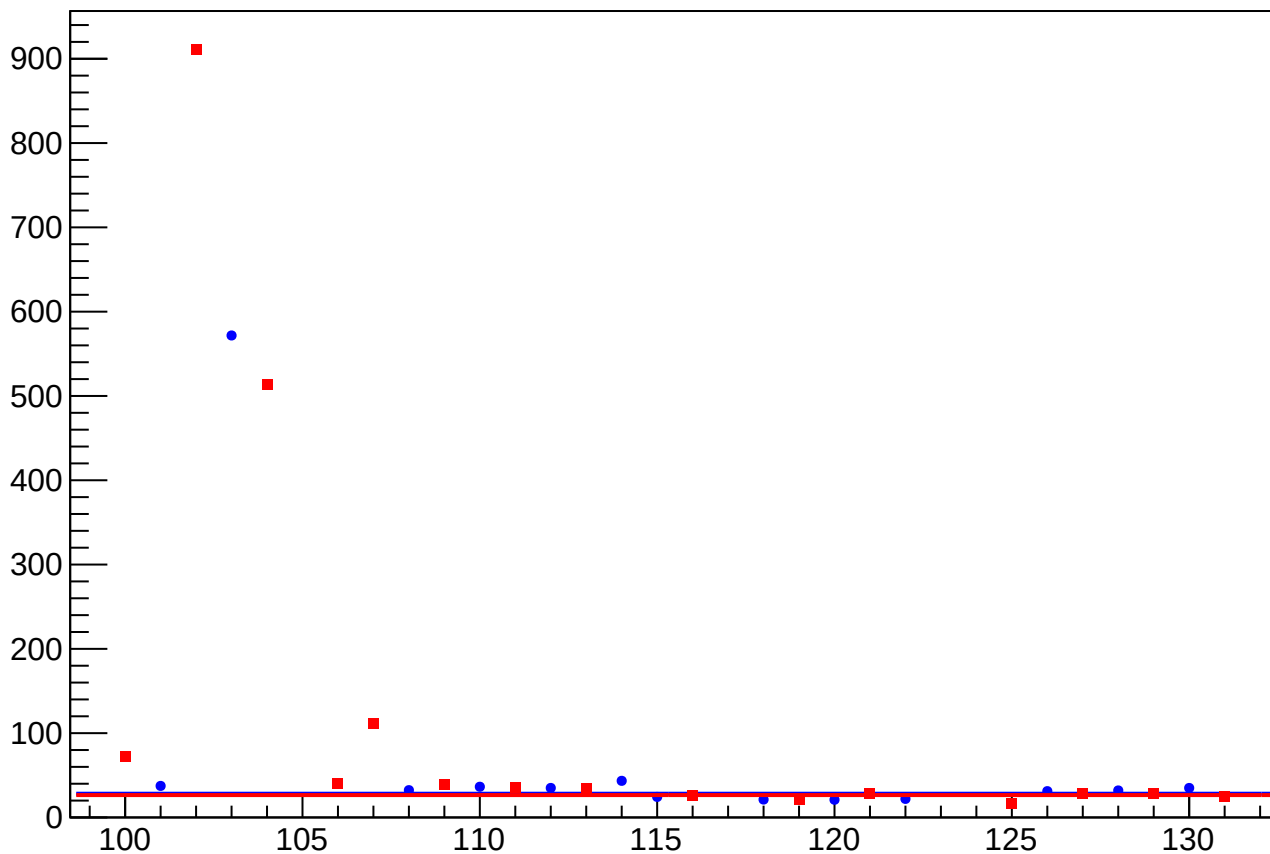
Right: -0.005+/-0.010 χ^2/NDF : 25.2/27

In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.010 χ^2/NDF : 25.2/27

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580121.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

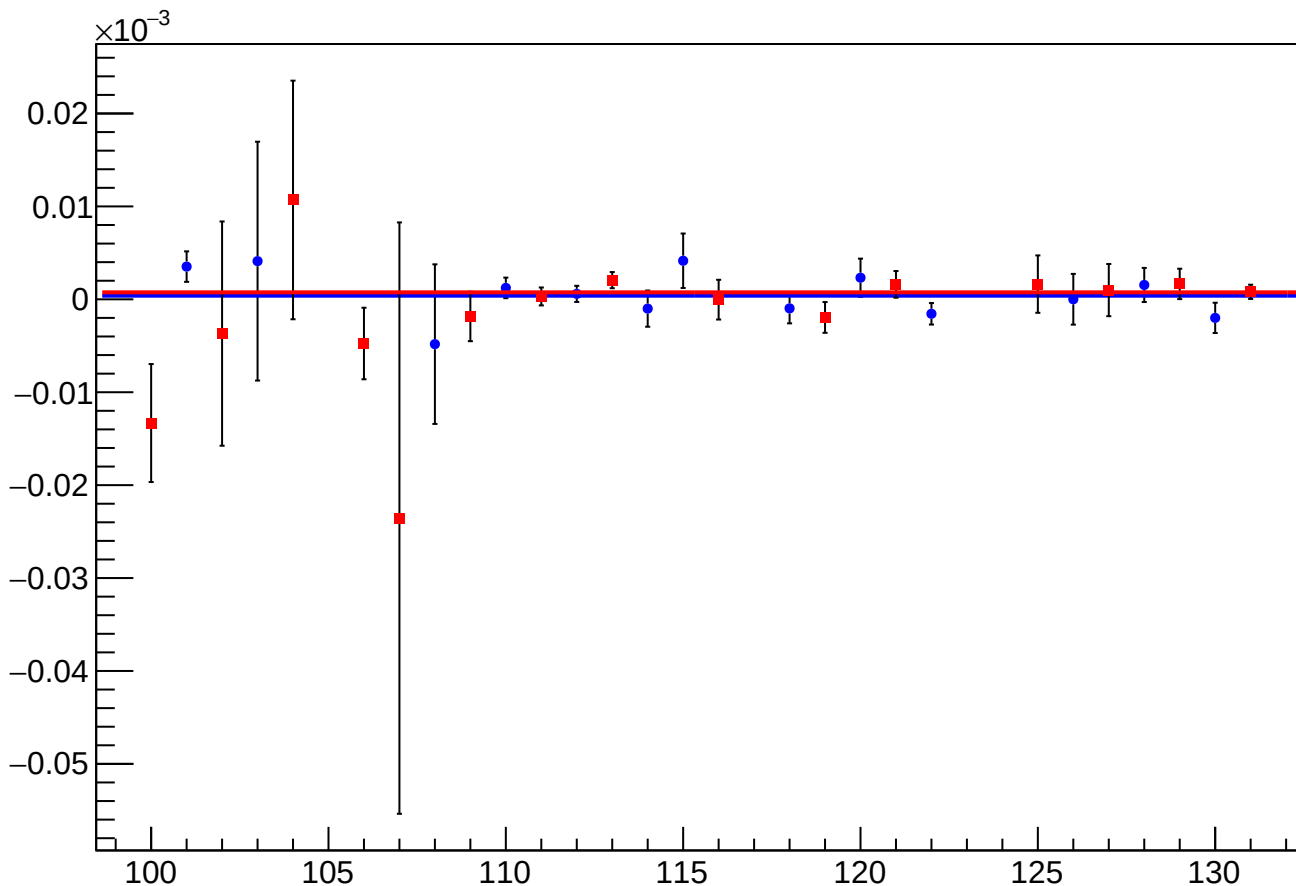
Right: 27.330+/-0.007 χ^2/NDF : 4123140.3/27

In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123140.3/27

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

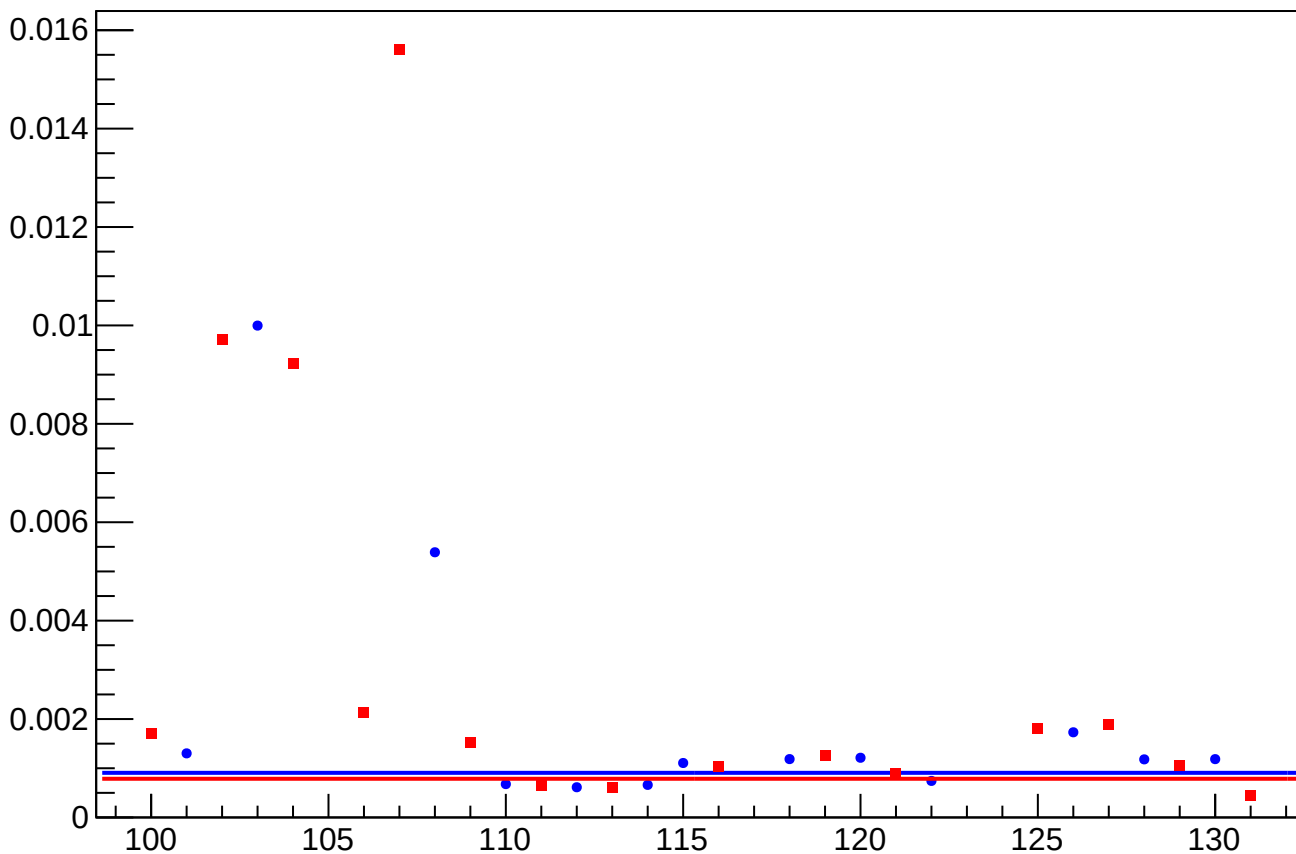
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:13.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/27

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2444856.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4147192.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

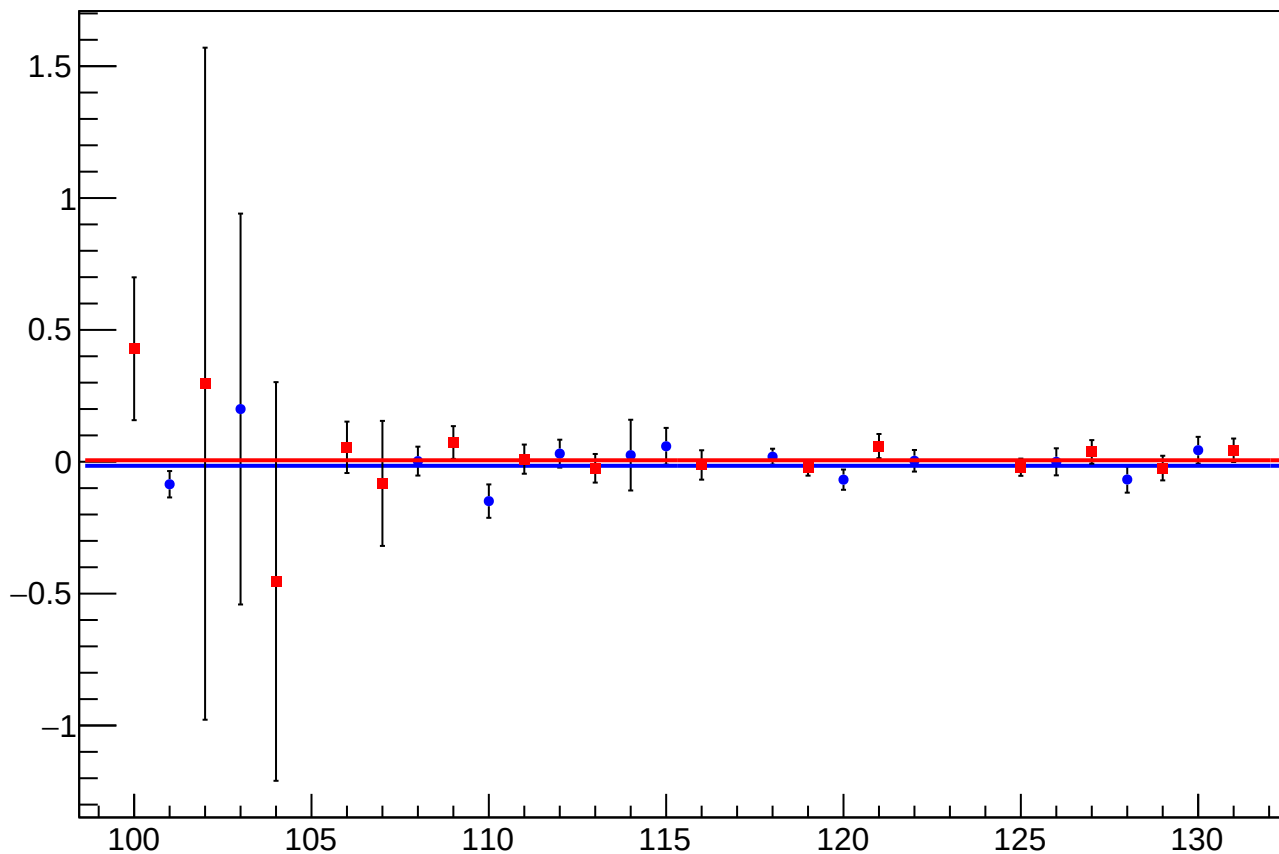
Right: 0.001+/-0.000 χ^2/NDF : 6672410.7/27

In: 0.001+/-0.000 χ^2/NDF :2444856.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6672410.7/27

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.014 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

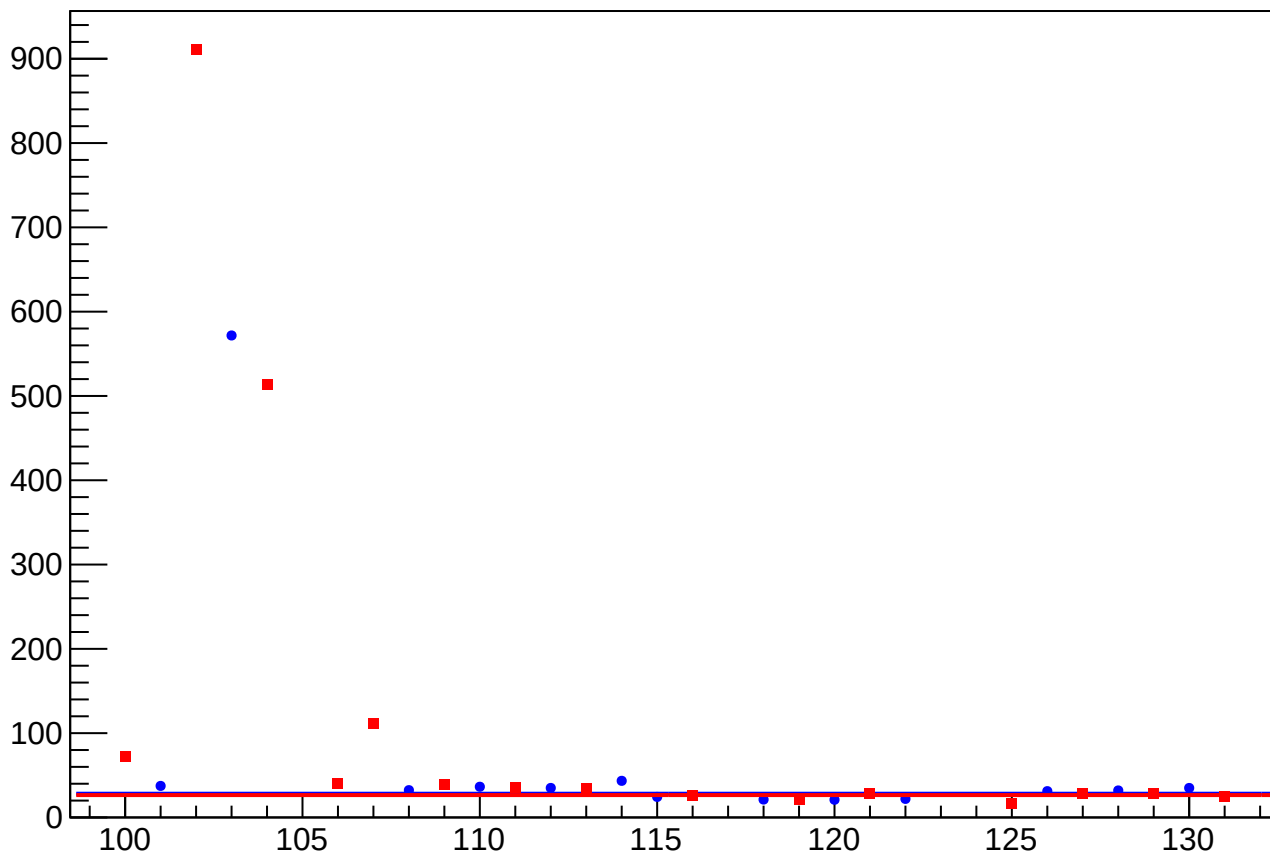
Right: -0.005+/-0.010 χ^2/NDF : 25.2/27

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.010 χ^2/NDF : 25.2/27

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580143.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

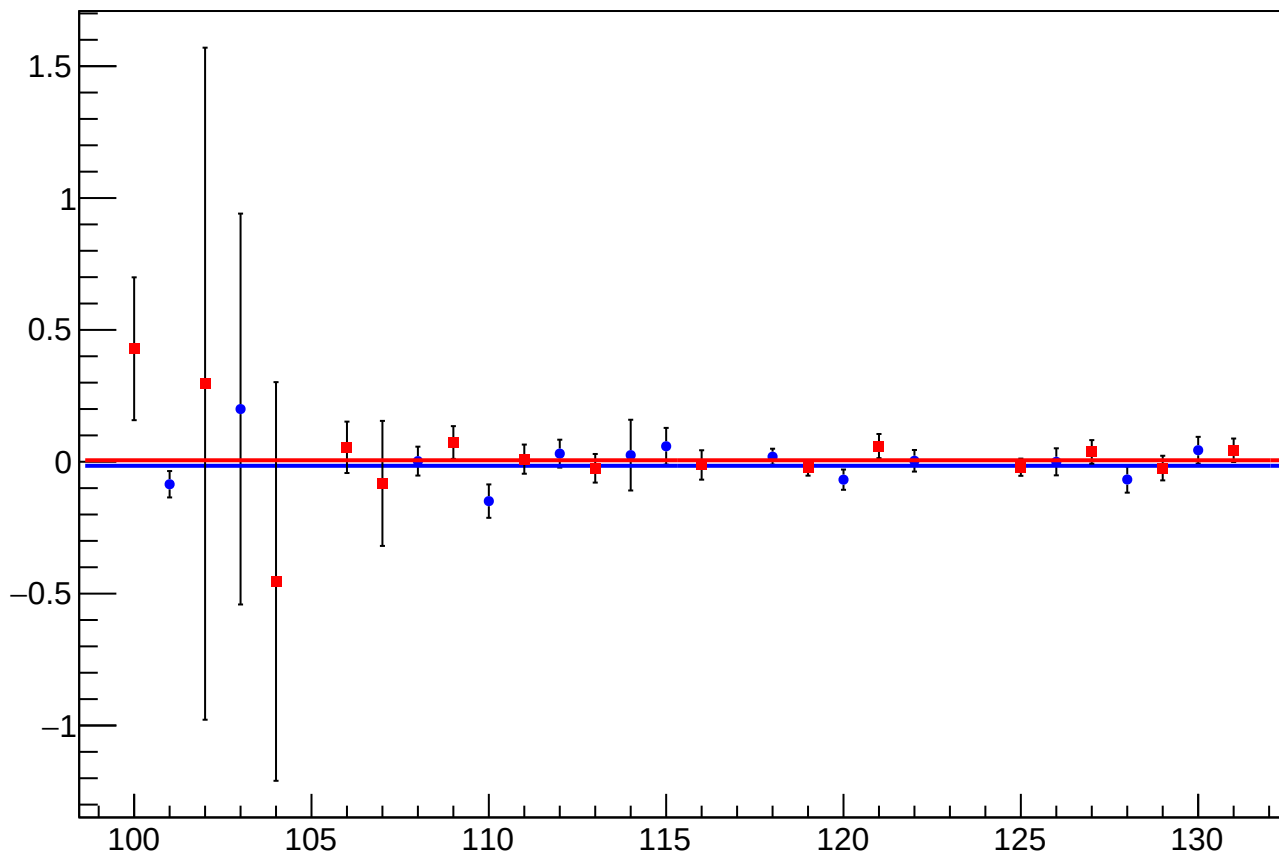
Right: 27.330+/-0.007 χ^2/NDF : 4123155.9/27

In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123155.9/27

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.014 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

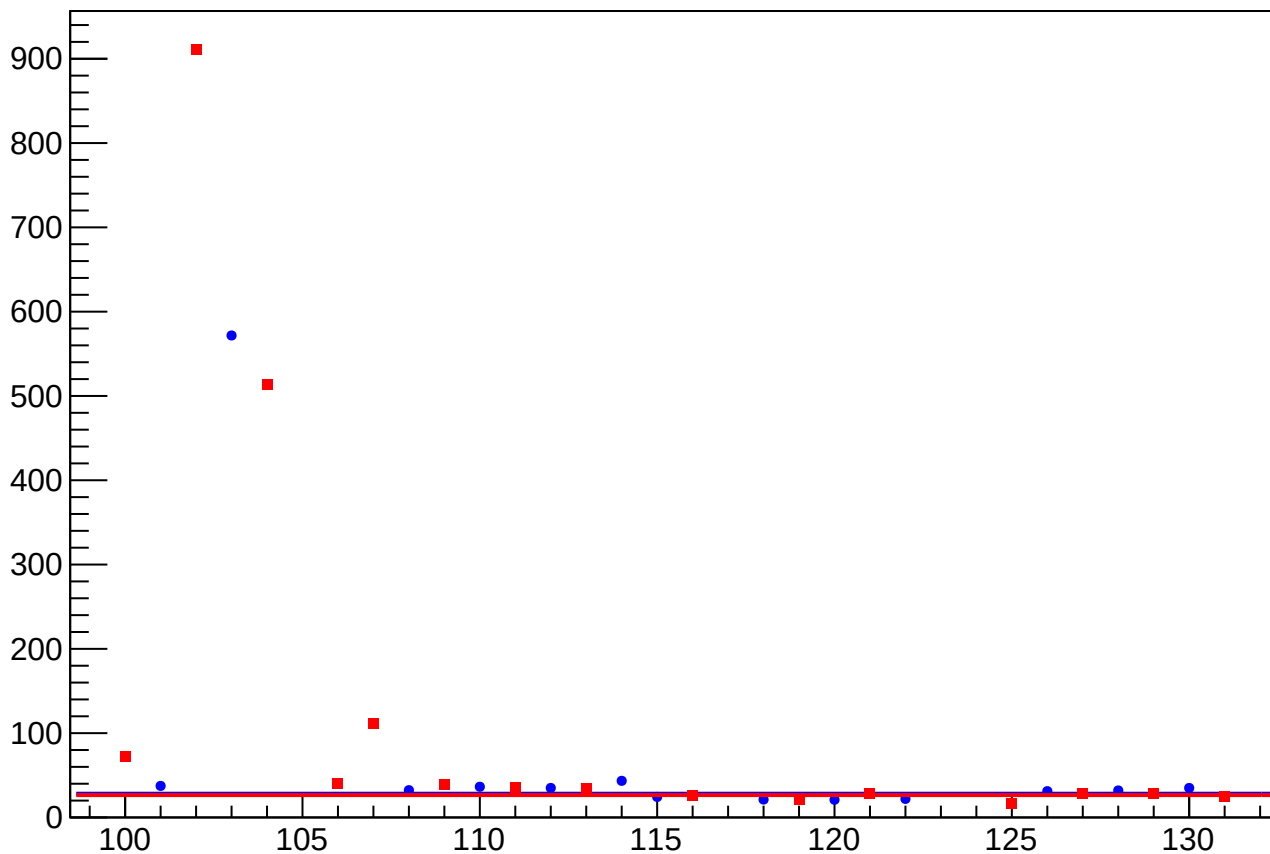
Right: -0.005+/-0.010 χ^2/NDF : 25.2/27

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.010 χ^2/NDF : 25.2/27

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580143.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

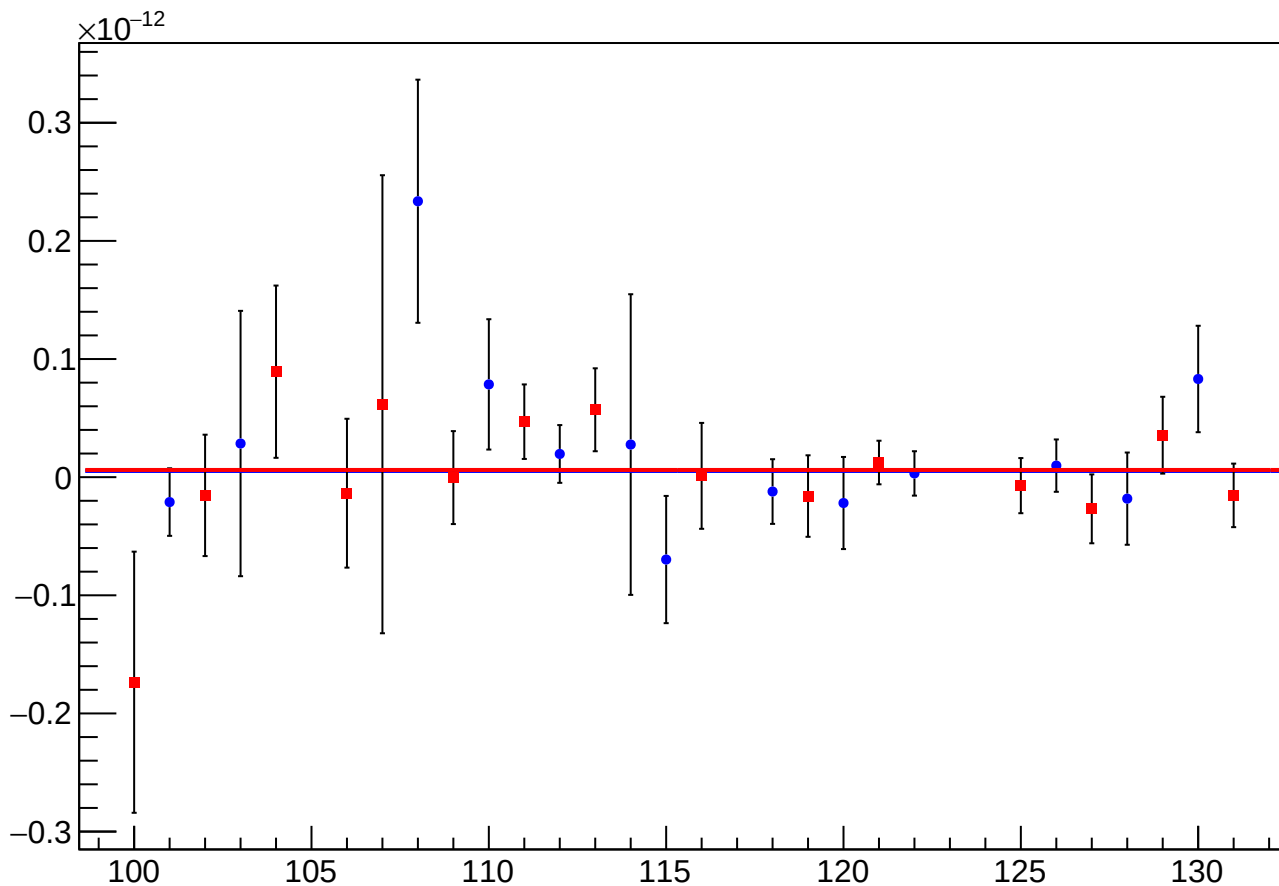
Right: 27.330+/-0.007 χ^2/NDF : 4123155.9/27

In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123155.9/27

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

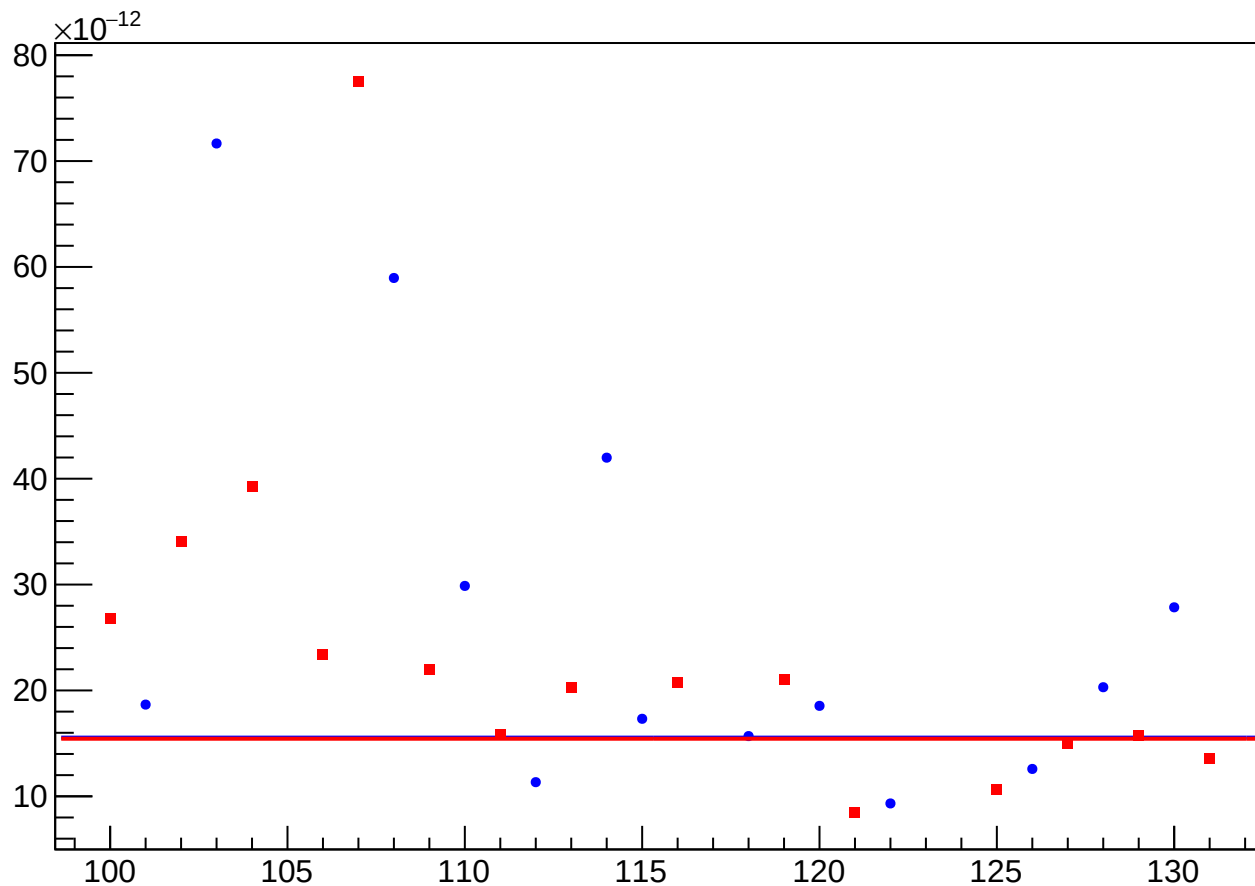
Right: 0.000+/-0.000 χ^2/NDF : 25.9/27

In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.9/27

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1607423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1290476.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

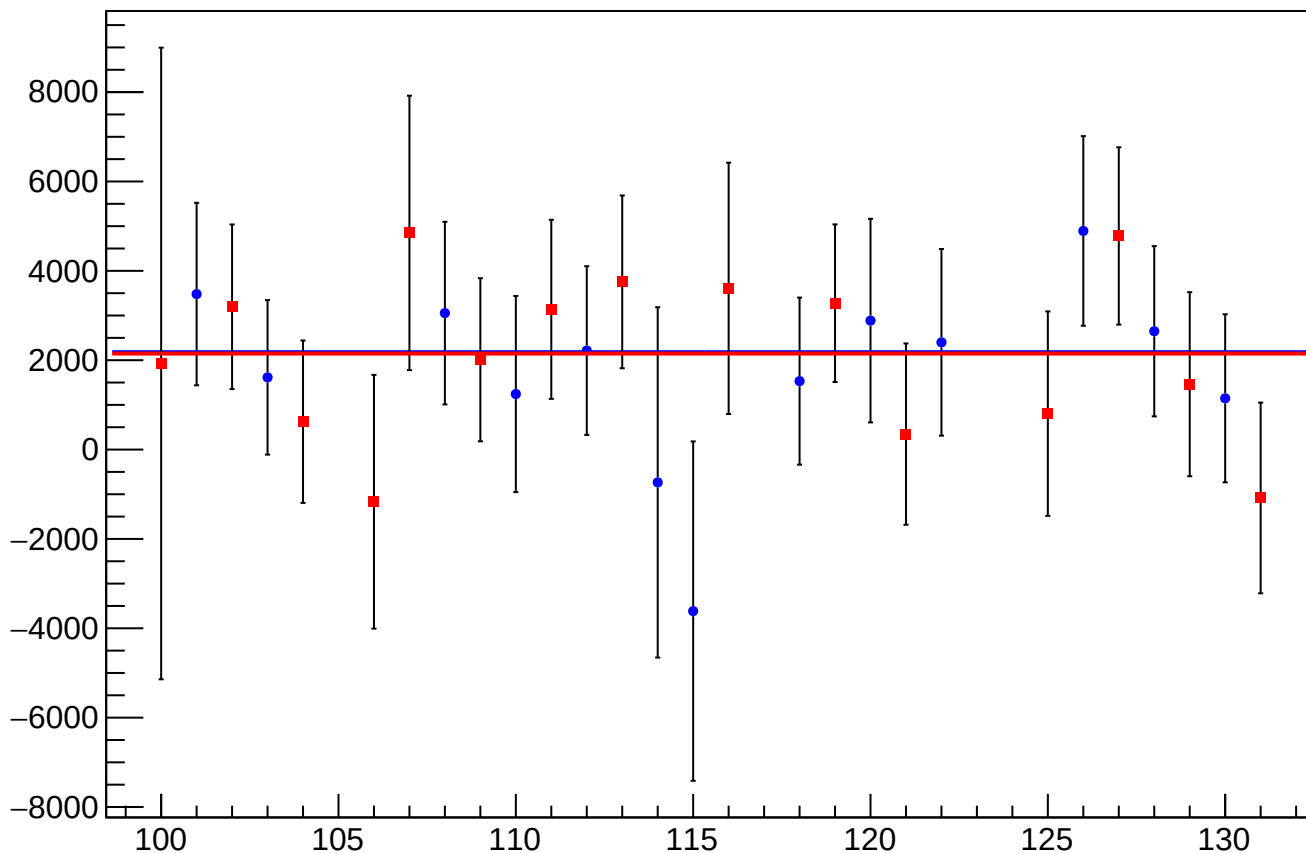
Right: 0.000+/-0.000 χ^2/NDF : 2898034.1/27

In: 0.000+/-0.000 χ^2/NDF :1607423.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2898034.1/27

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2179.095+/-584.772 χ^2/NDF : 6.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2148.686+/-554.277 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

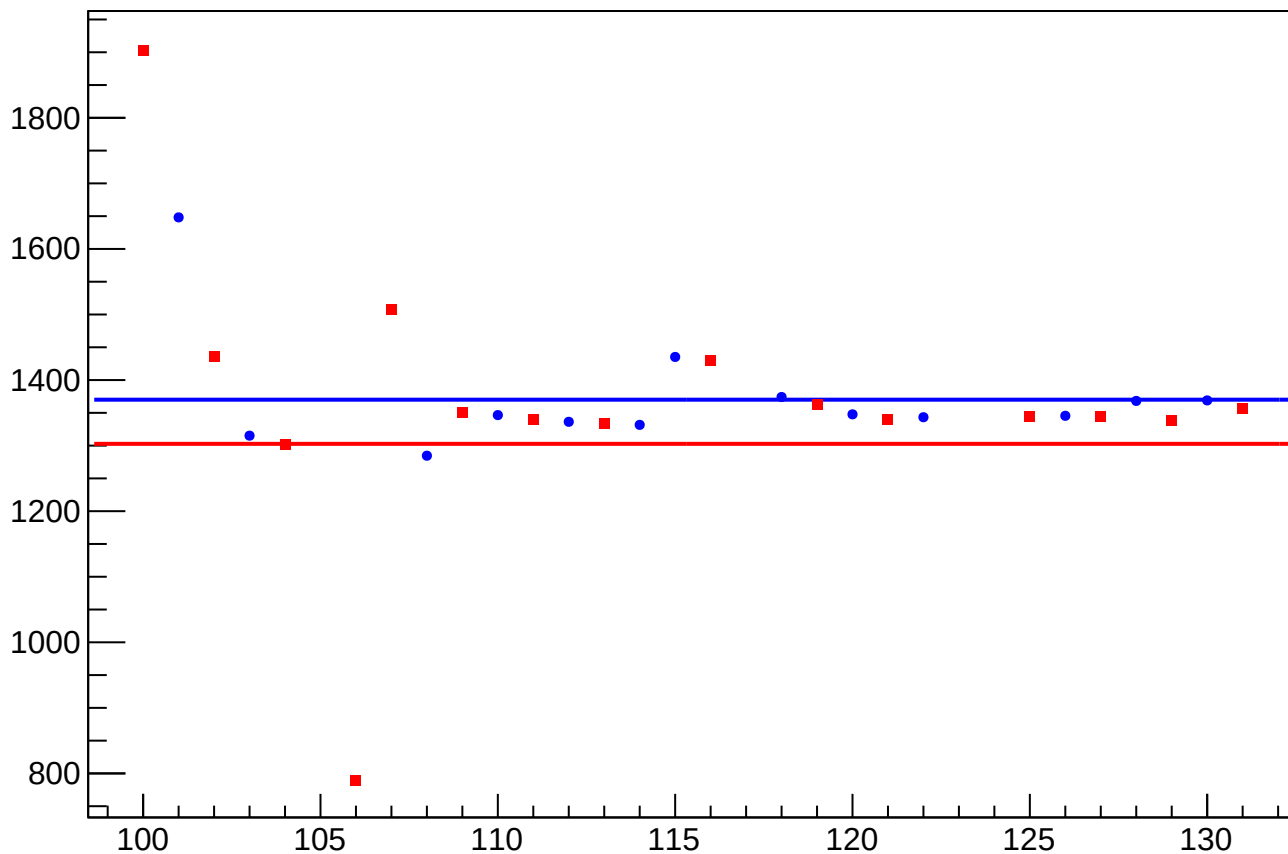
Right: 2163.077+/-402.282 χ^2/NDF : 16.1/27

In: 2179.095+/-584.772 χ^2/NDF : 6.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.077+/-402.282 χ^2/NDF : 16.1/27

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.705+/-0.378 χ^2/NDF : 240009.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

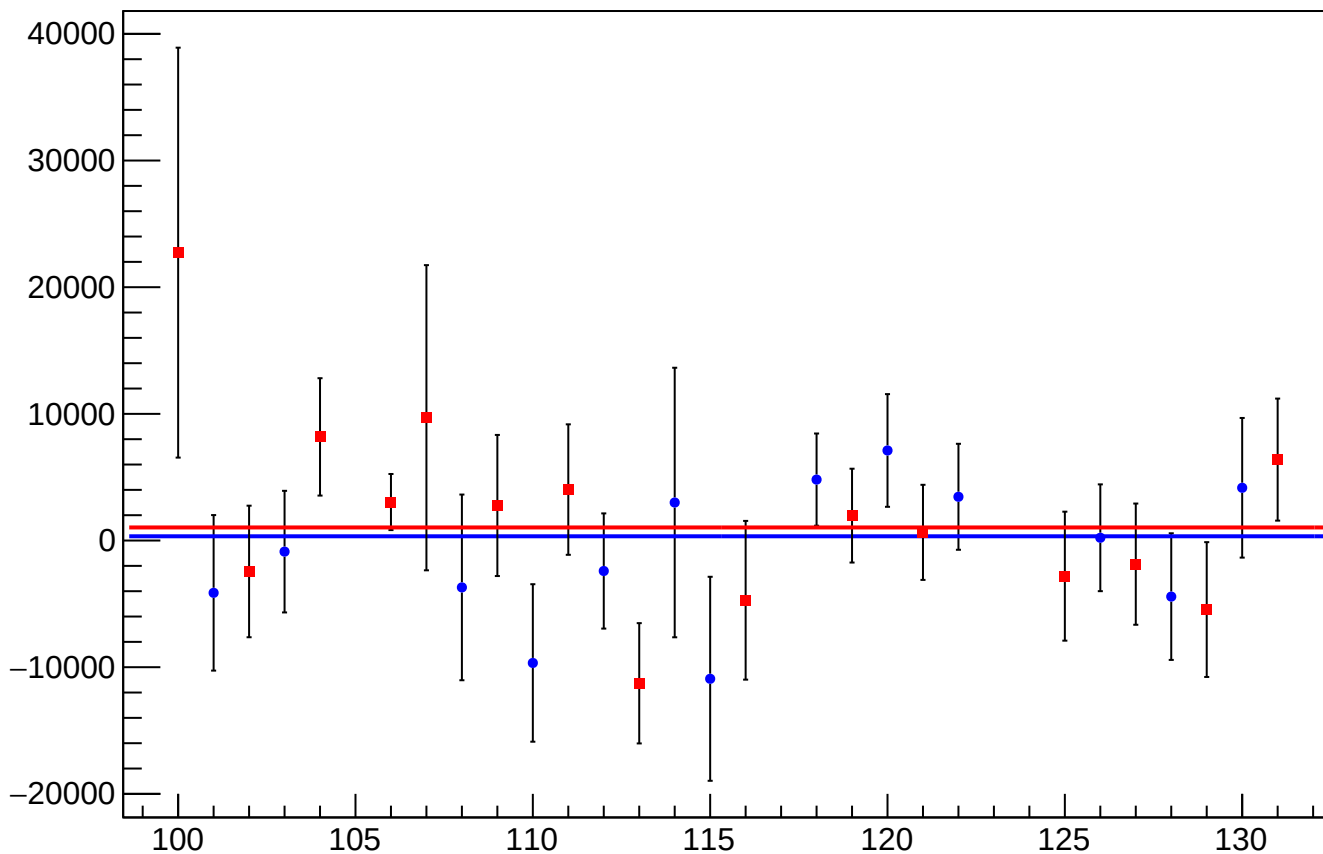
Right: 1333.376+/-0.279 χ^2/NDF : 299505.0/27

In: 1370.065+/-0.413 χ^2/NDF : 45041.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.376+/-0.279 χ^2/NDF : 299505.0/27

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 335.673+/-1415.051 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1033.330+/-1160.419 χ^2/NDF : 17.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

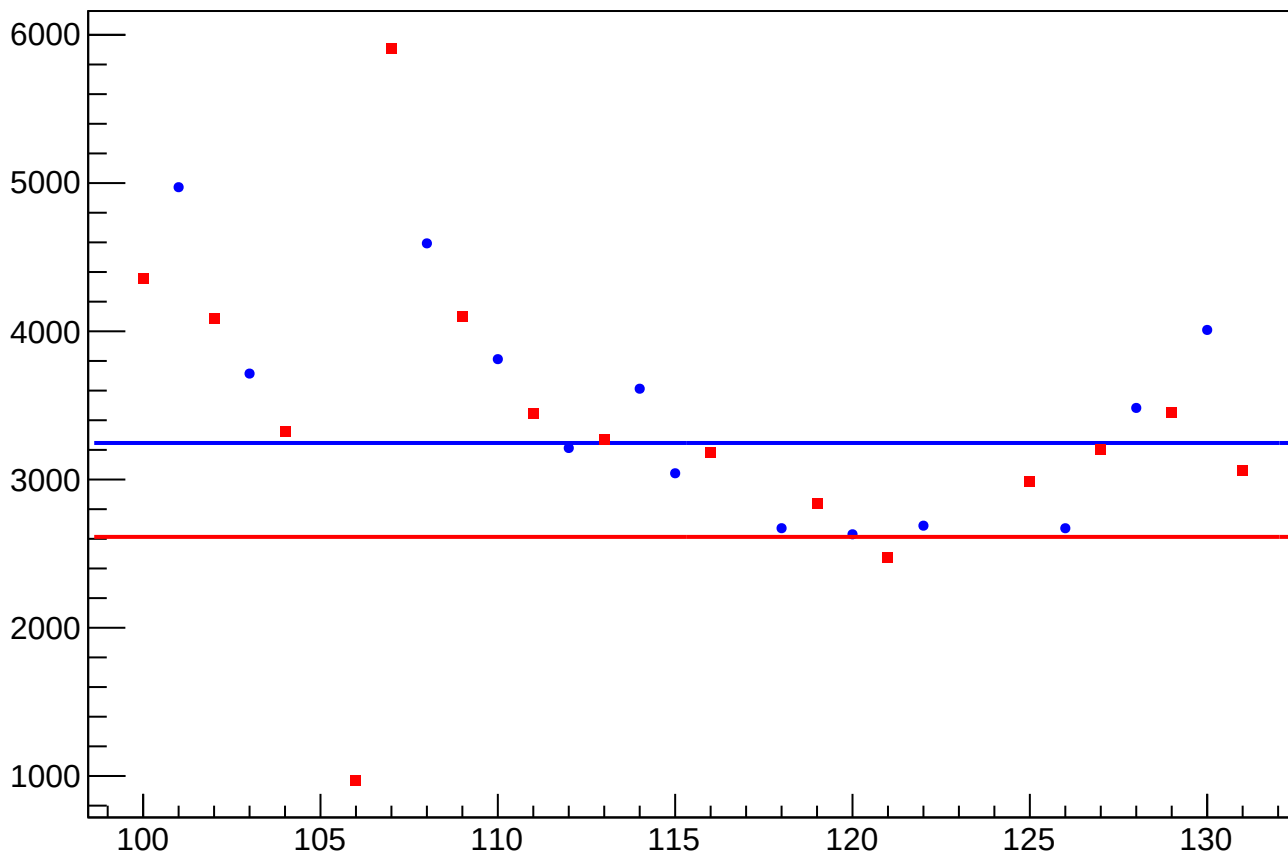
Right: 752.810+/-897.291 χ^2/NDF : 29.5/27

In: 335.673+/-1415.051 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.810+/-897.291 χ^2/NDF : 29.5/27

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3246.666+/-1.001 χ^2 /NDF: 468659.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2613.022+/-0.821 χ^2 /NDF: 1849820.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

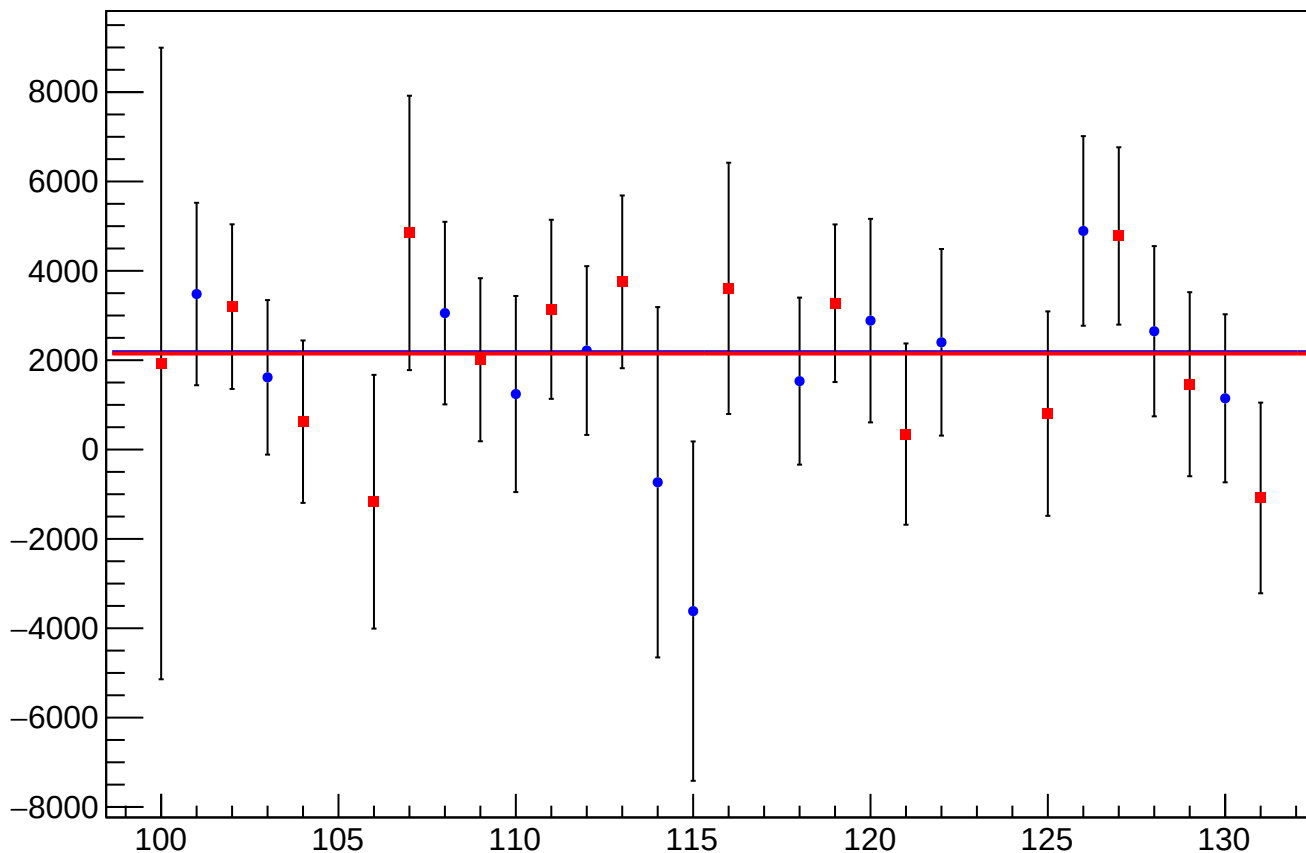
Right: 2867.804+/-0.634 χ^2 /NDF: 2558260.4/27

In: 3246.666+/-1.001 χ^2 /NDF:468659.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2867.804+/-0.634 χ^2 /NDF: 2558260.4/27

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2179.238+/-584.772 χ^2/NDF : 6.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2148.862+/-554.281 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

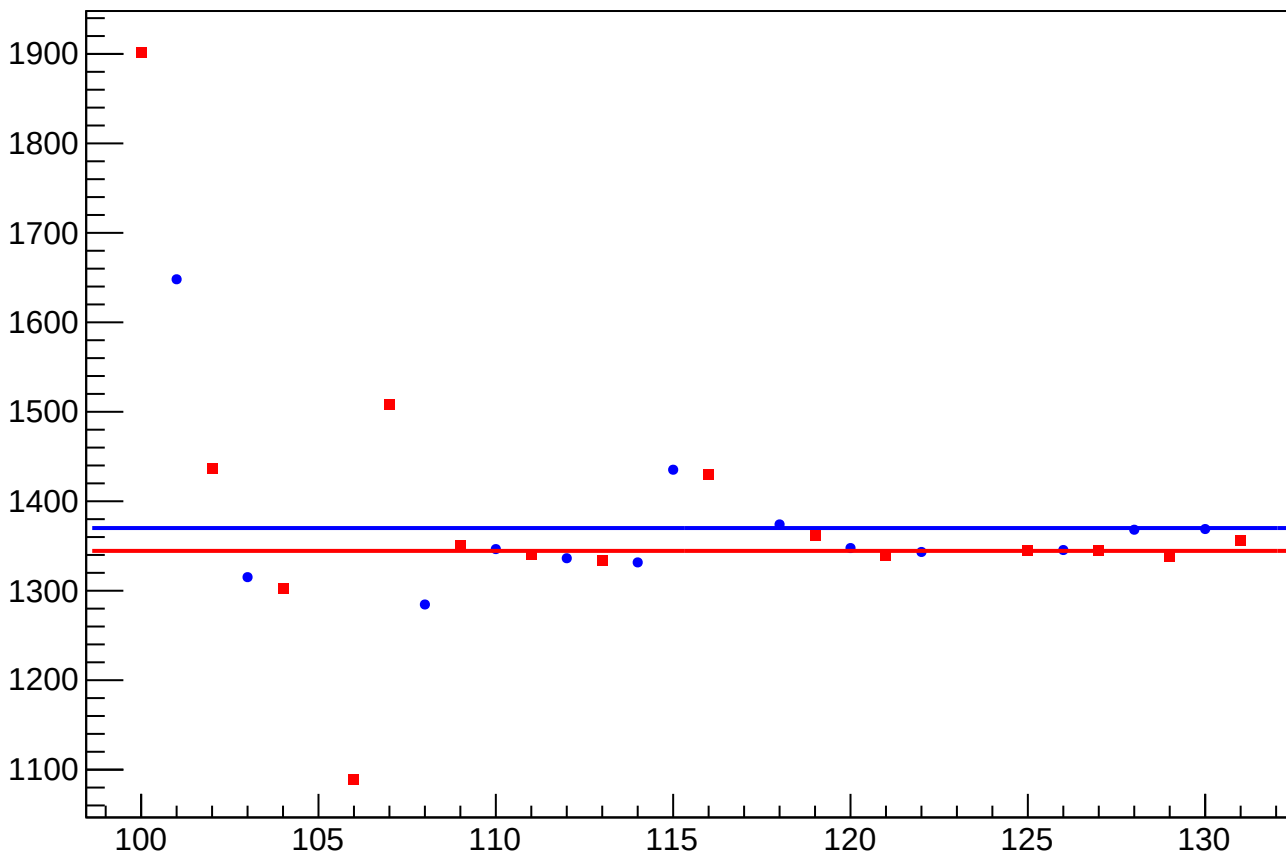
Right: 2163.238+/-402.283 χ^2/NDF : 16.1/27

In: 2179.238+/-584.772 χ^2/NDF : 6.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.238+/-402.283 χ^2/NDF : 16.1/27

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1344.528+/-0.386 χ^2/NDF : 55708.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

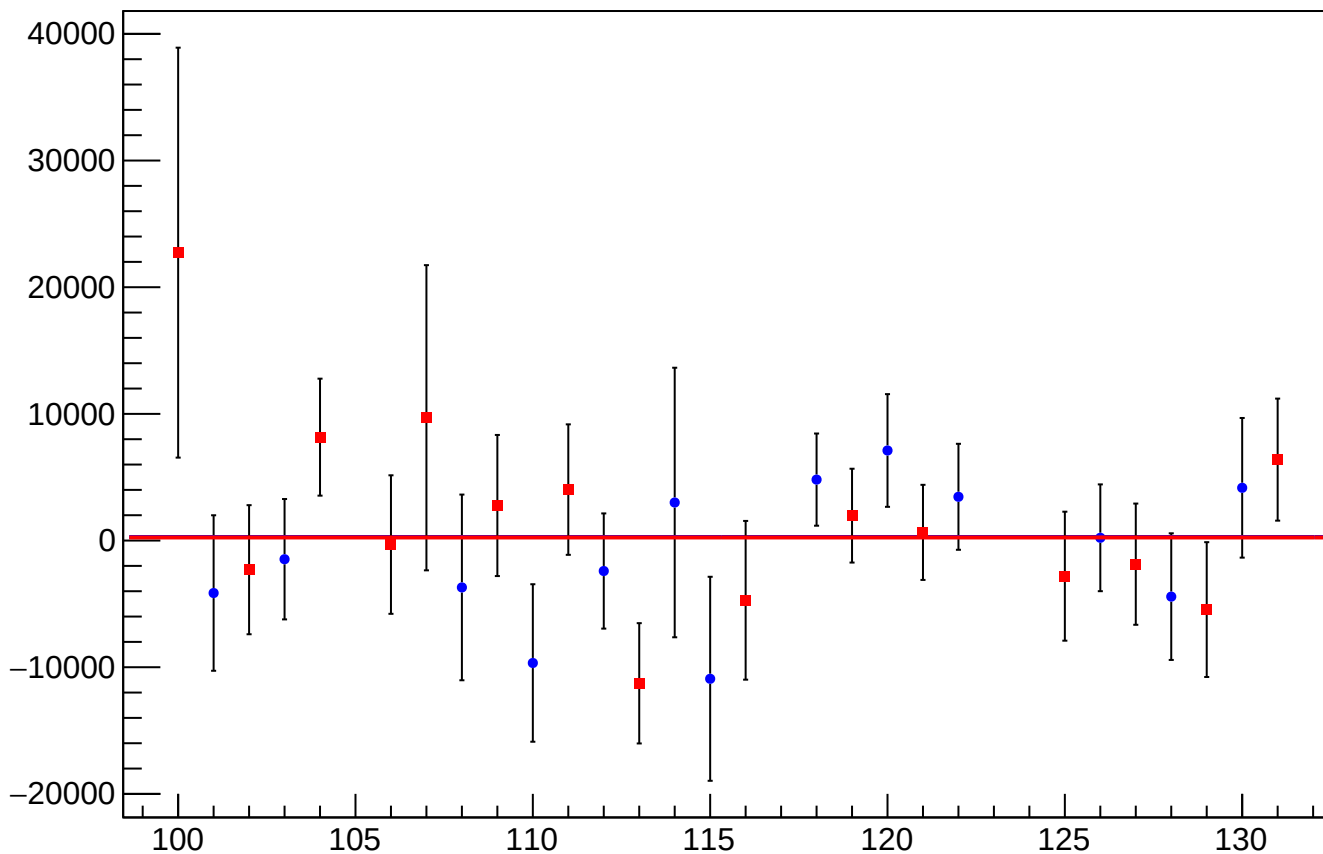
Right: 1356.420+/-0.282 χ^2/NDF : 102787.9/27

In: 1370.065+/-0.413 χ^2/NDF :45041.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1356.420+/-0.282 χ^2/NDF : 102787.9/27

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.547+/-1320.089 χ^2/NDF : 16.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

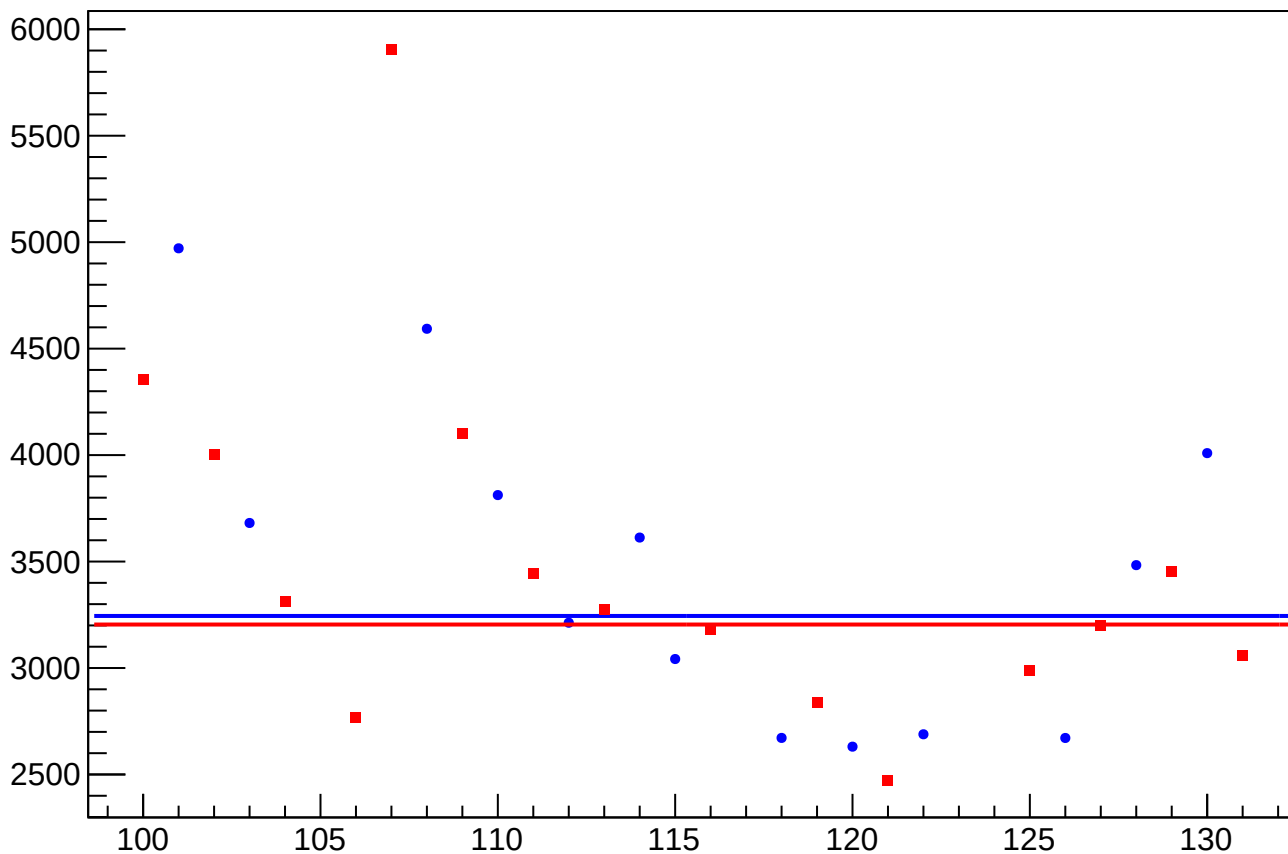
Right: 261.150+/-964.863 χ^2/NDF : 28.3/27

In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.150+/-964.863 χ^2/NDF : 28.3/27

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3204.228+/-0.933 χ^2/NDF : 334983.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

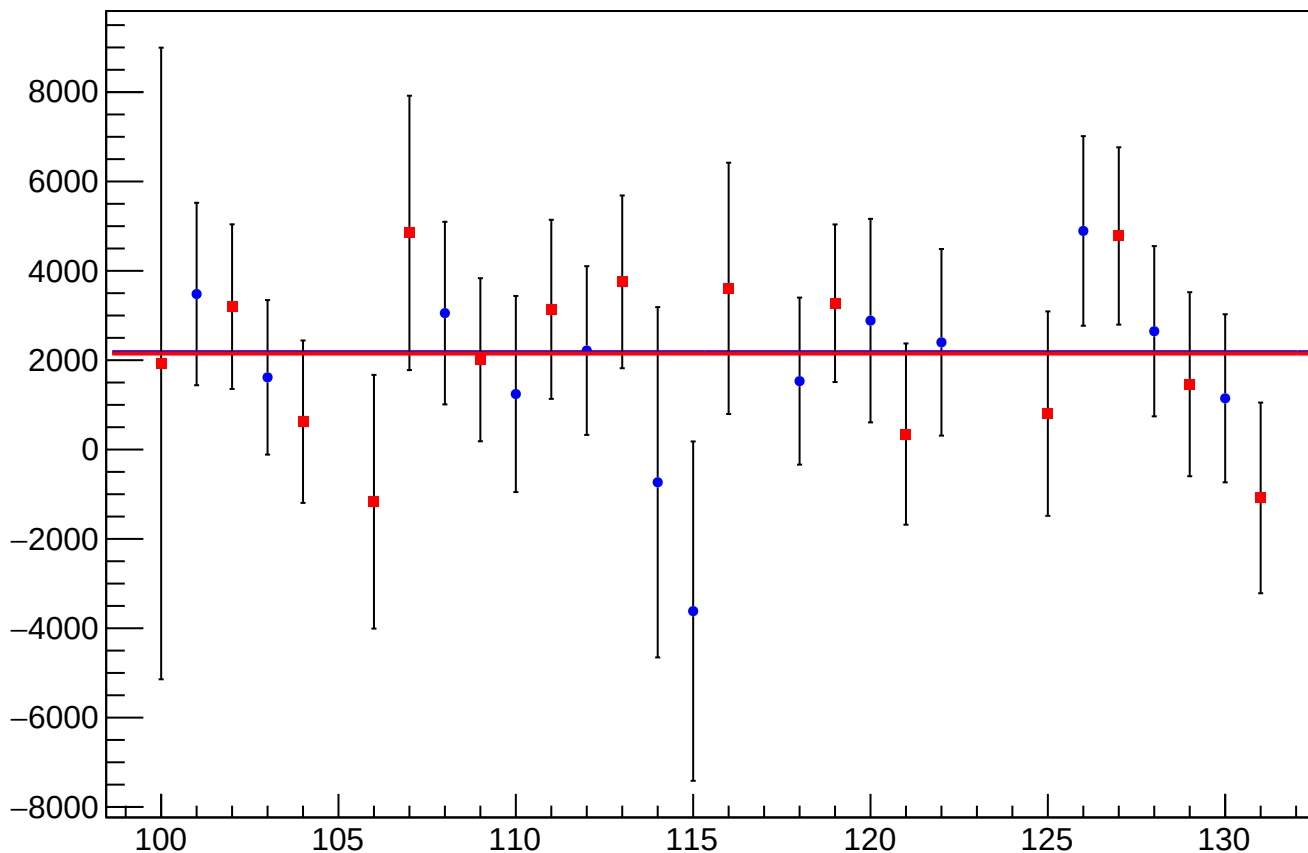
Right: 3222.992+/-0.682 χ^2/NDF : 802091.7/27

In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3222.992+/-0.682 χ^2/NDF : 802091.7/27

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2179.238+/-584.772 χ^2/NDF : 6.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2148.862+/-554.281 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

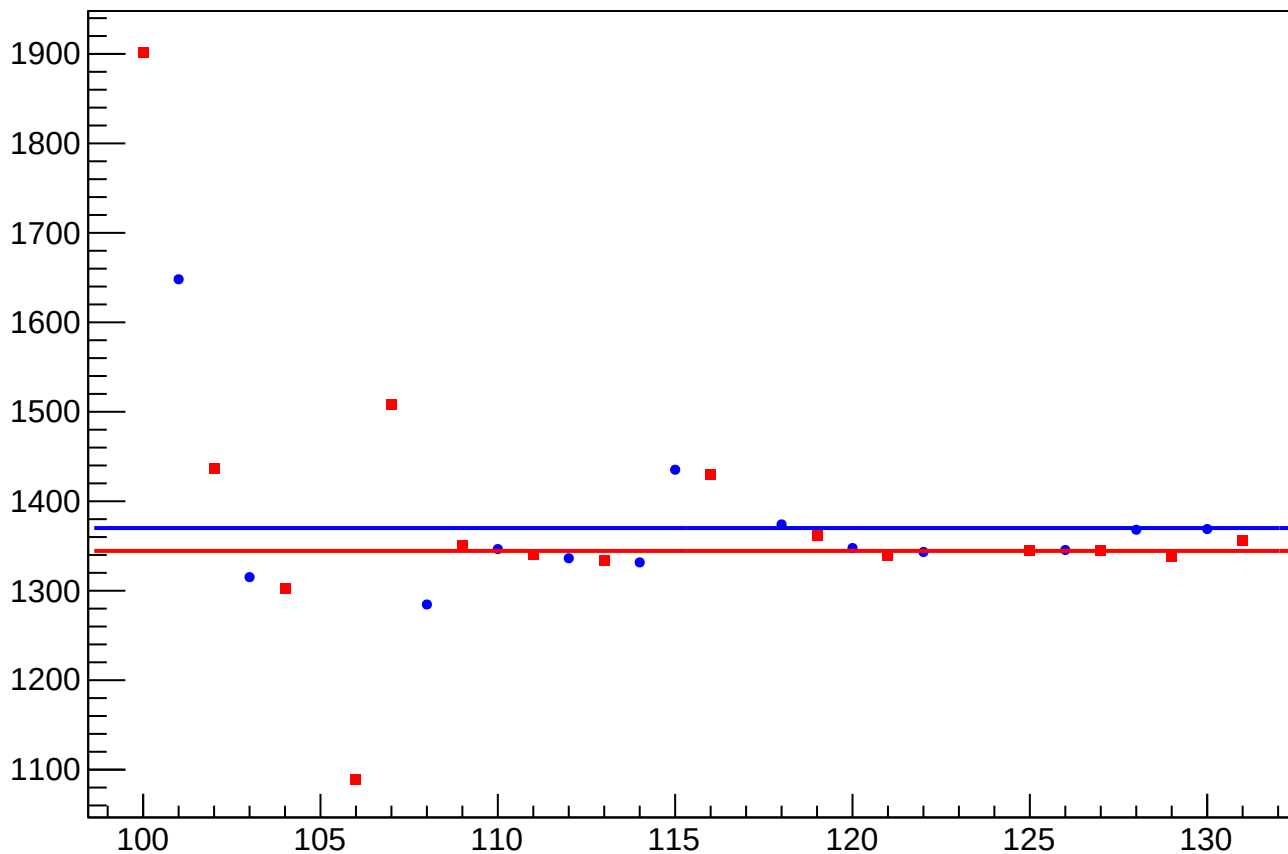
Right: 2163.238+/-402.283 χ^2/NDF : 16.1/27

In: 2179.238+/-584.772 χ^2/NDF : 6.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.238+/-402.283 χ^2/NDF : 16.1/27

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.528+/-0.386 χ^2/NDF : 55708.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

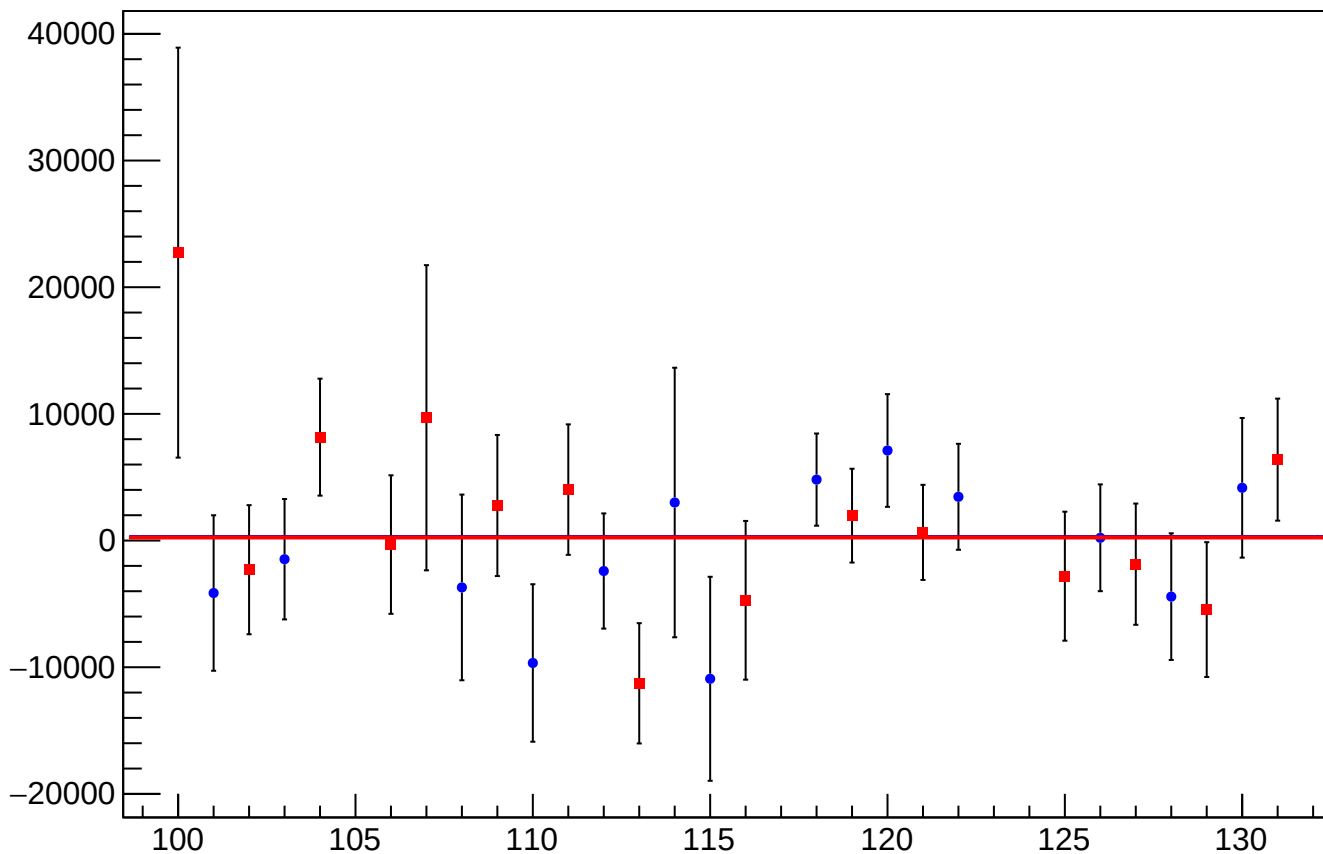
Right: 1356.420+/-0.282 χ^2/NDF : 102787.9/27

In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.420+/-0.282 χ^2/NDF : 102787.9/27

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.547+/-1320.089 χ^2/NDF : 16.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

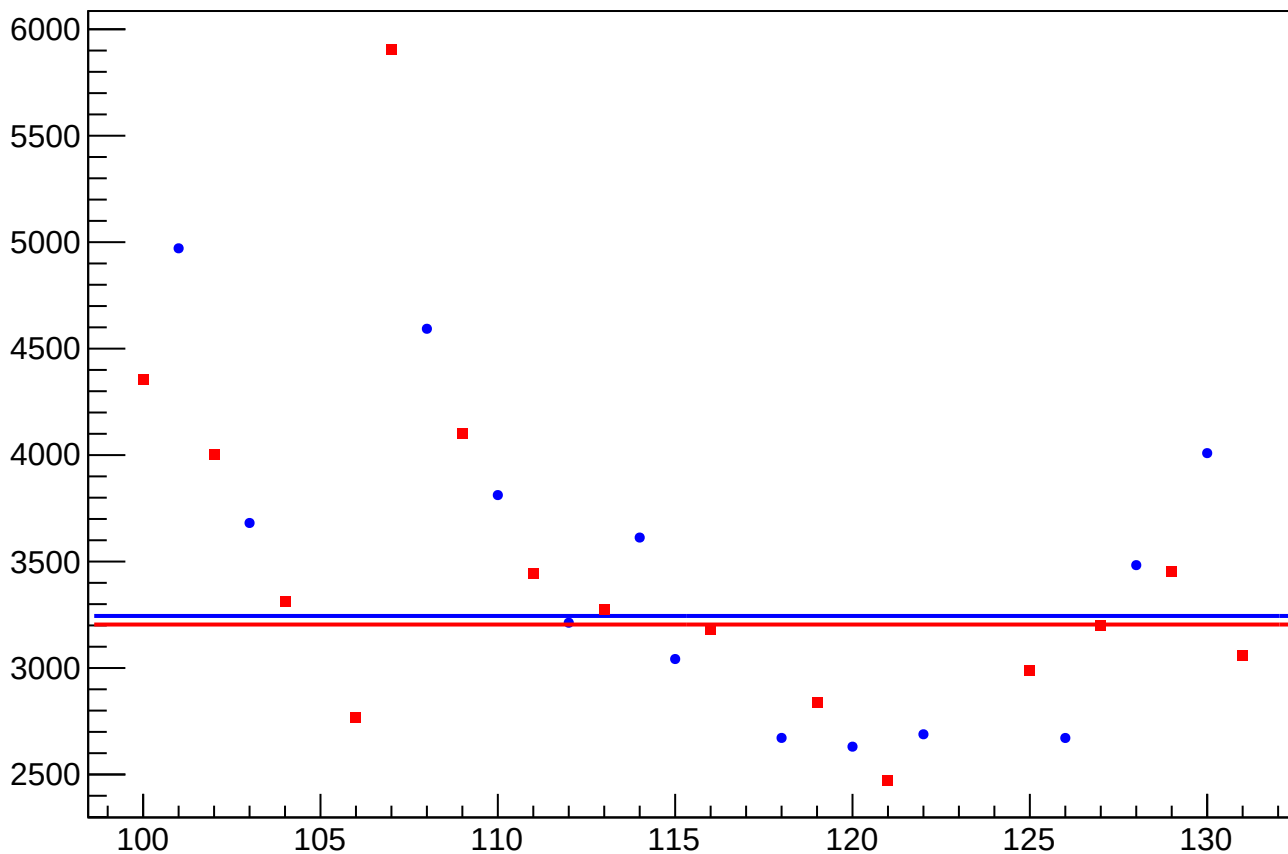
Right: 261.150+/-964.863 χ^2/NDF : 28.3/27

In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.150+/-964.863 χ^2/NDF : 28.3/27

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3204.228+/-0.933 χ^2/NDF : 334983.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

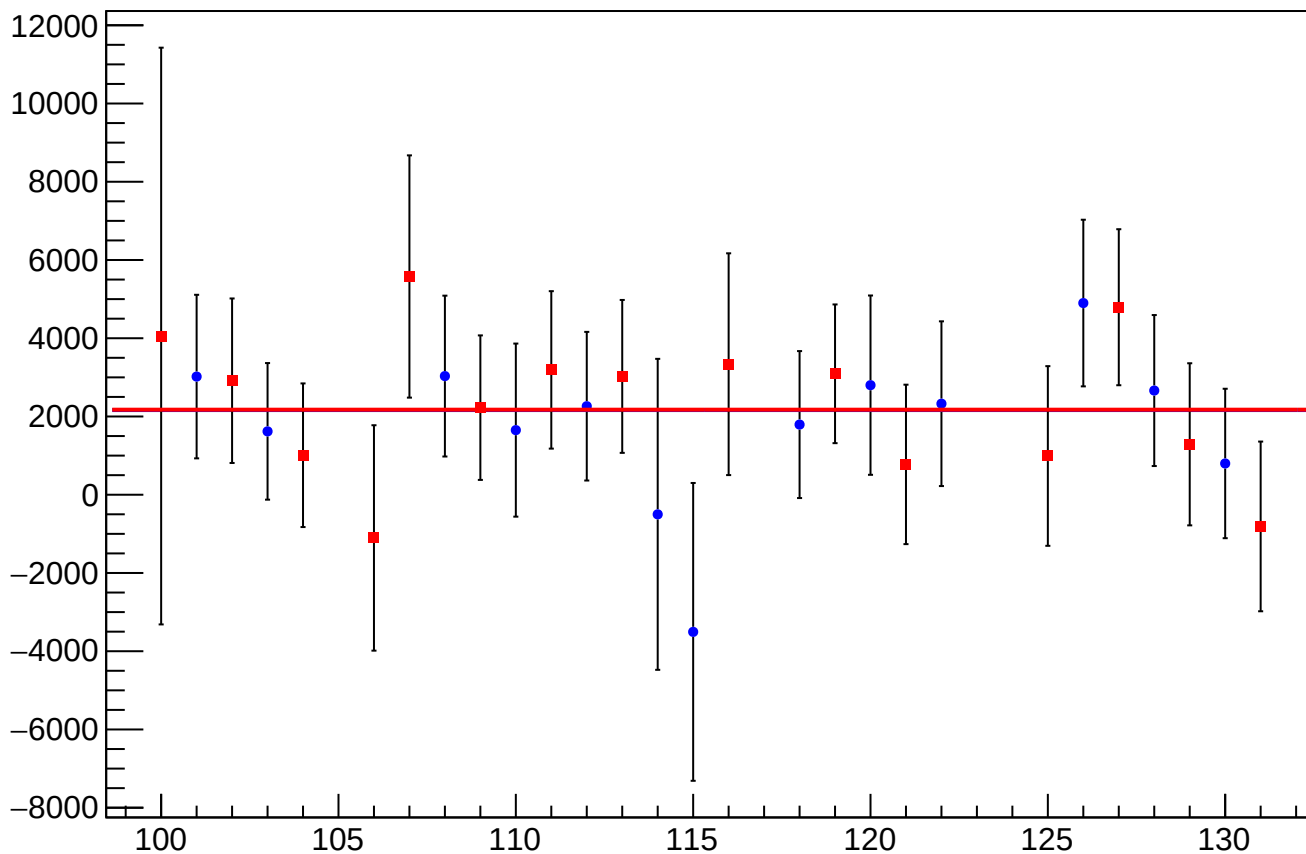
Right: 3222.992+/-0.682 χ^2/NDF : 802091.7/27

In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3222.992+/-0.682 χ^2/NDF : 802091.7/27

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2164.475+/-590.280 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.586+/-564.481 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

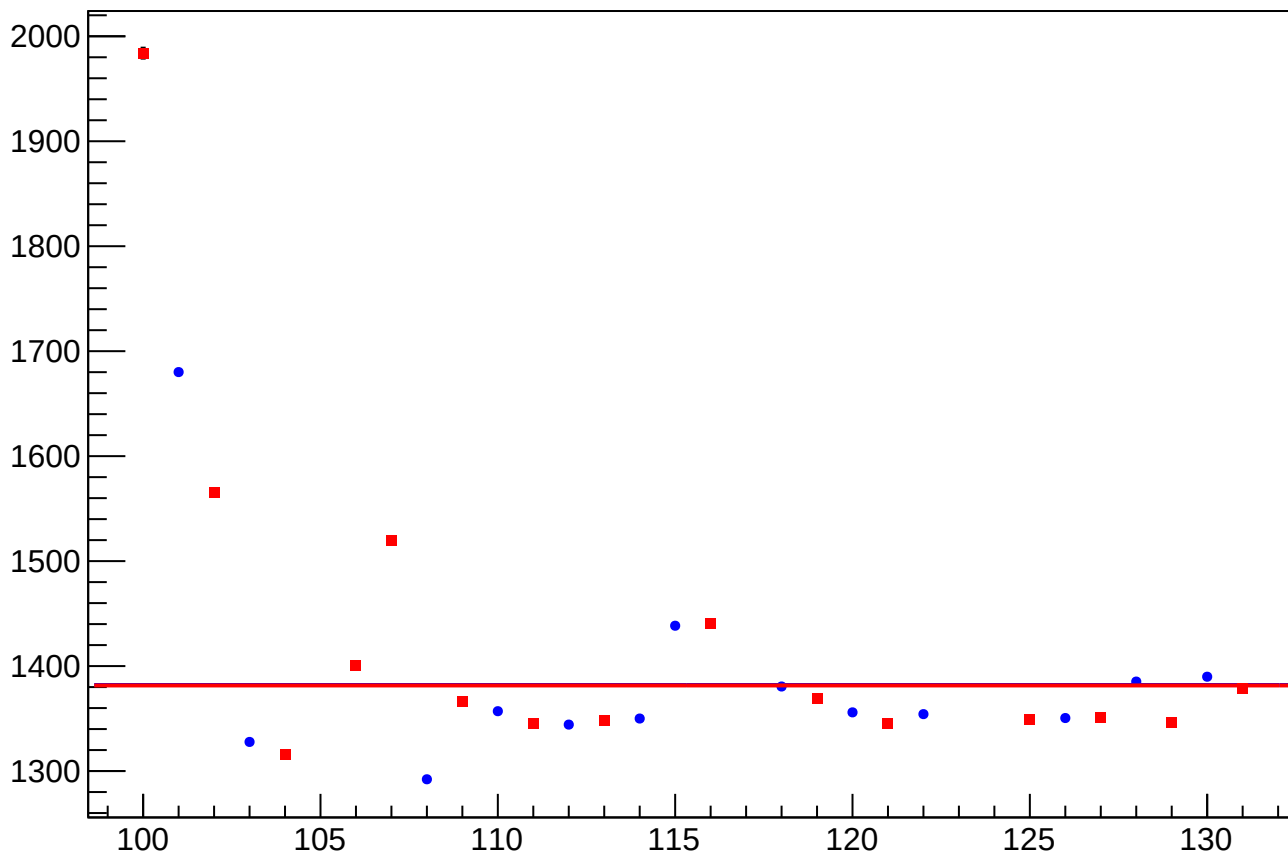
Right: 2169.234+/-407.964 χ^2/NDF : 14.0/27

In: 2164.475+/-590.280 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.234+/-407.964 χ^2/NDF : 14.0/27

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1381.966+/-0.417 χ^2/NDF : 49114.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.554+/-0.398 χ^2/NDF : 39708.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

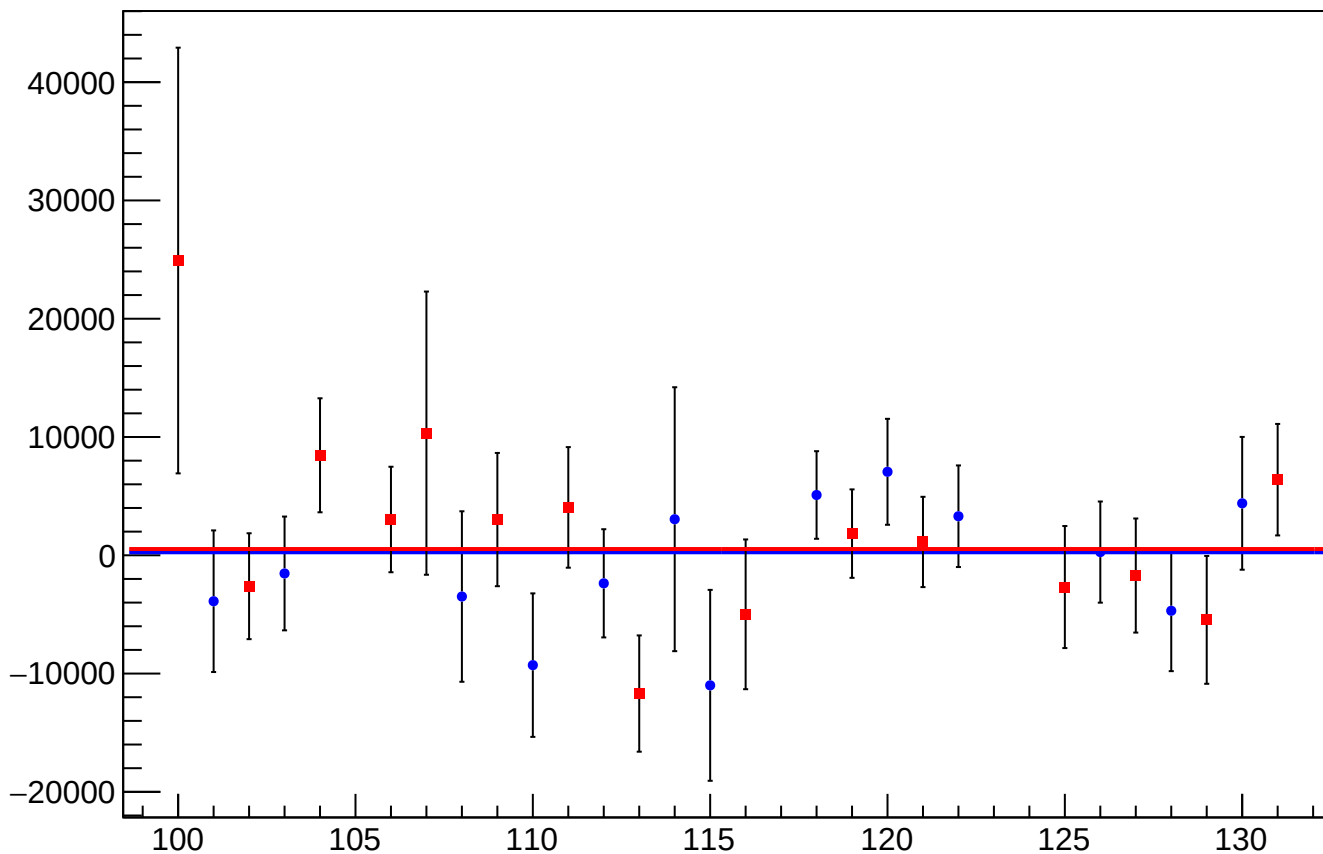
Right: 1381.750+/-0.288 χ^2/NDF : 88823.7/27

In: 1381.966+/-0.417 χ^2/NDF : 49114.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.750+/-0.288 χ^2/NDF : 88823.7/27

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.667 $\pm$ 1427.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 529.064 $\pm$ 1302.245 χ^2 /NDF: 17.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

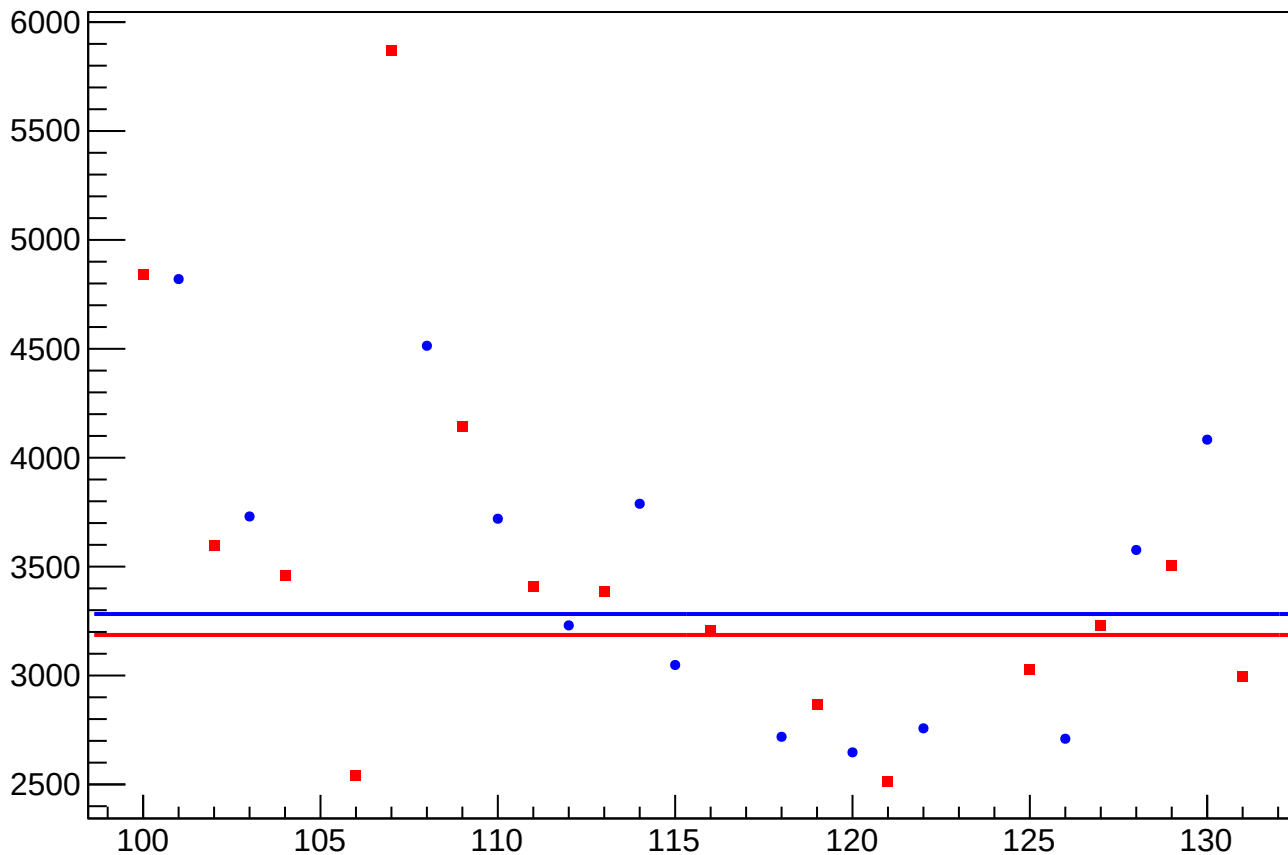
Right: 404.458 $\pm$ 962.158 χ^2 /NDF: 28.9/27

In: 254.667 $\pm$ 1427.801 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 404.458 $\pm$ 962.158 χ^2 /NDF: 28.9/27

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3282.379+/-1.010 χ^2/NDF : 423793.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3186.250+/-0.921 χ^2/NDF : 336705.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

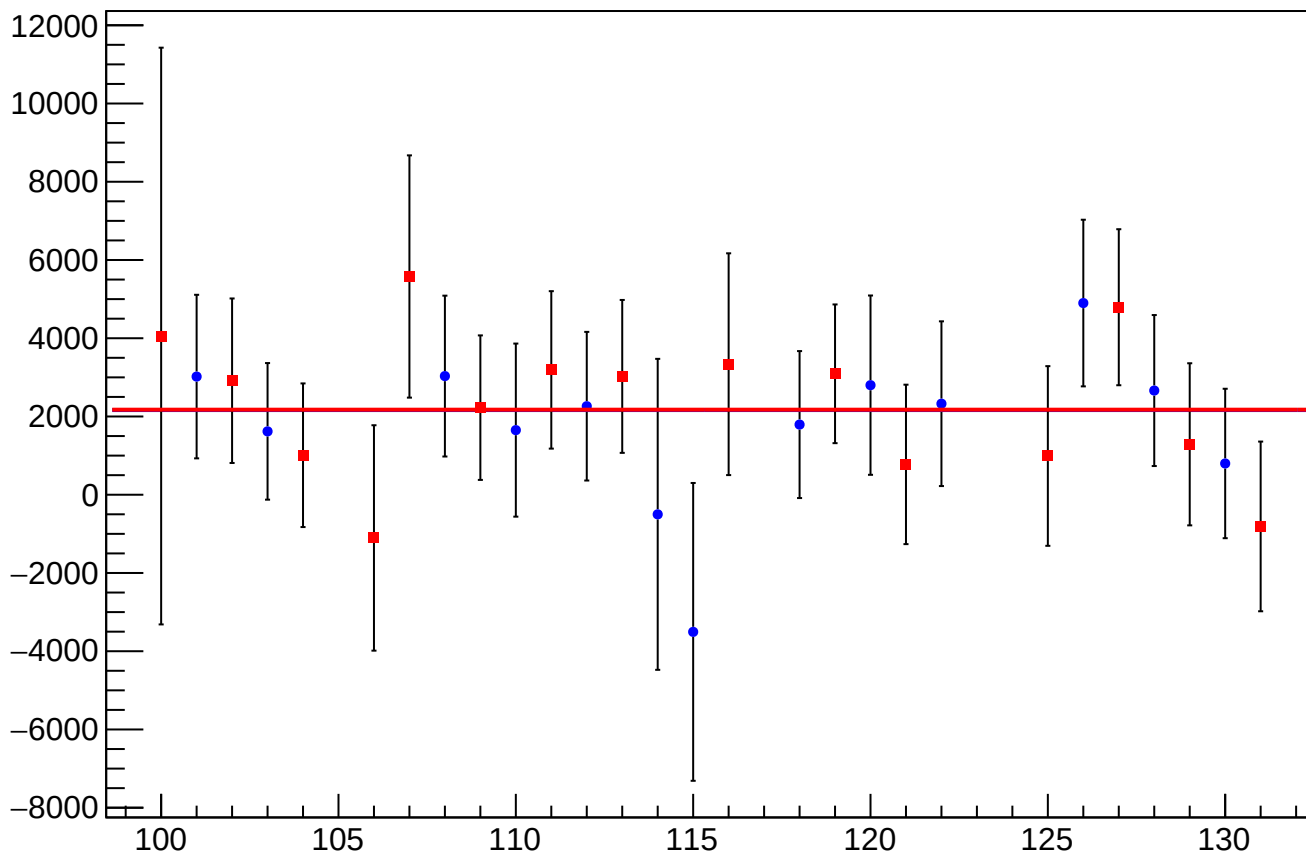
Right: 3229.903+/-0.680 χ^2/NDF : 765447.8/27

In: 3282.379+/-1.010 χ^2/NDF : 423793.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3229.903+/-0.680 χ^2/NDF : 765447.8/27

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2164.480+/-590.280 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.589+/-564.481 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

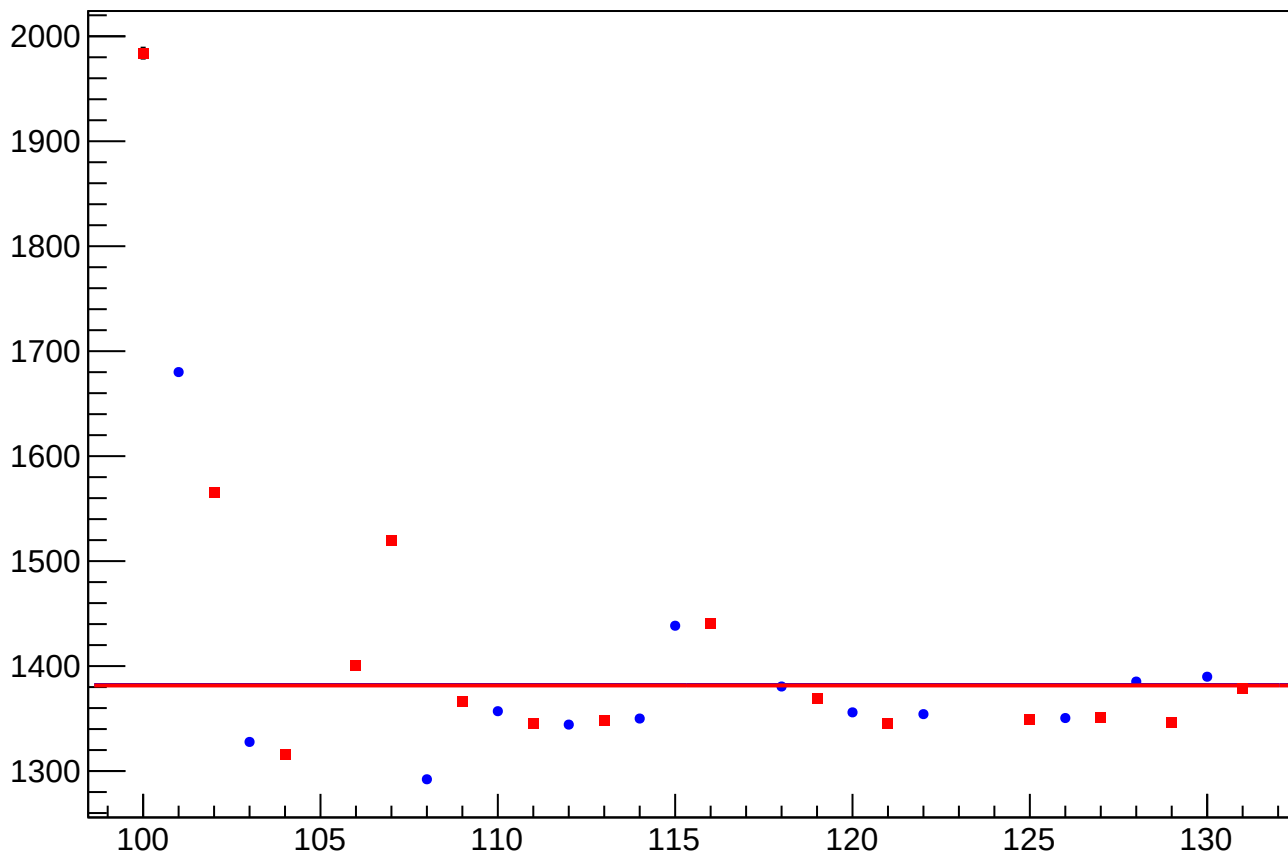
Right: 2169.238+/-407.964 χ^2/NDF : 14.0/27

In: 2164.480+/-590.280 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.238+/-407.964 χ^2/NDF : 14.0/27

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1381.966+/-0.417 χ^2/NDF : 49114.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.554+/-0.398 χ^2/NDF : 39708.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

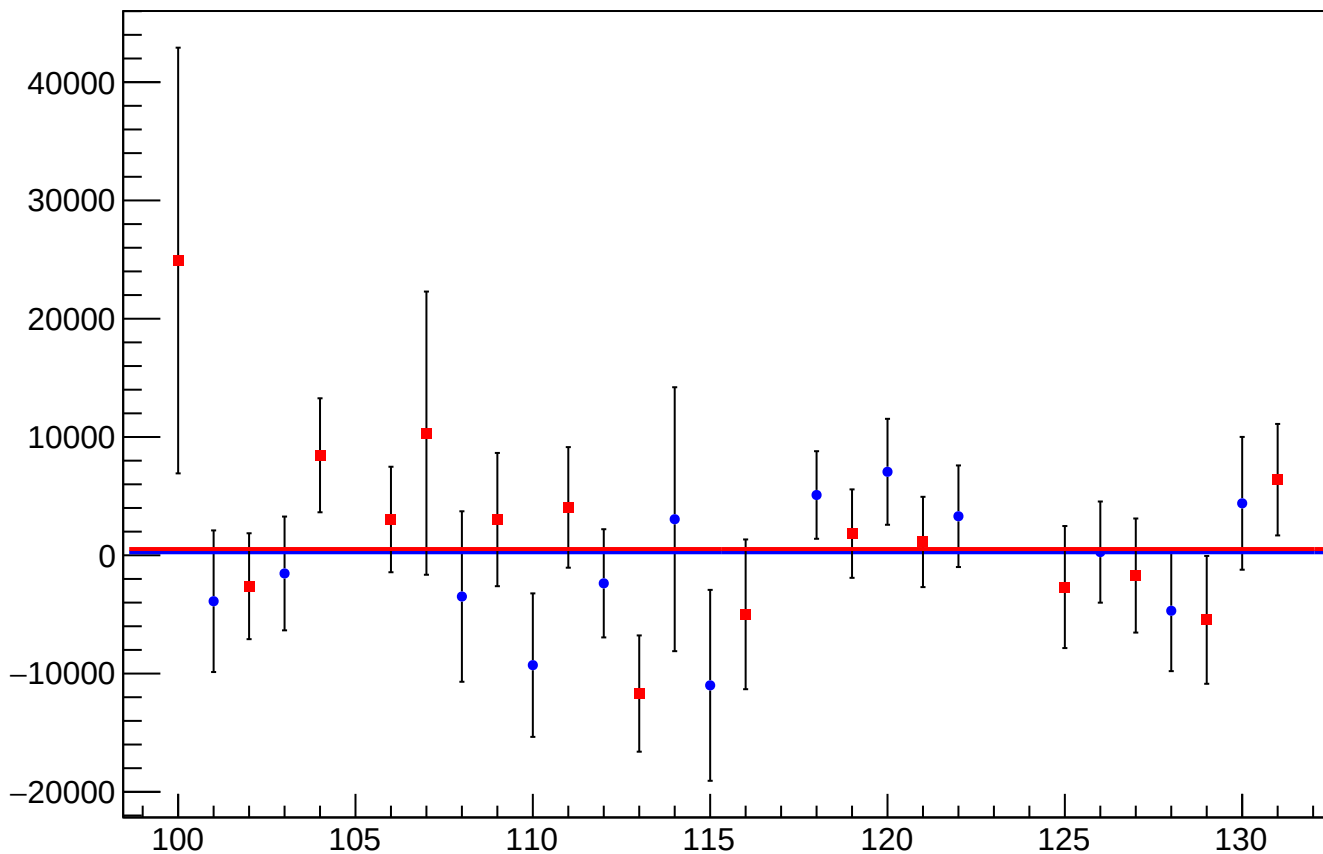
Right: 1381.750+/-0.288 χ^2/NDF : 88823.6/27

In: 1381.966+/-0.417 χ^2/NDF : 49114.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.750+/-0.288 χ^2/NDF : 88823.6/27

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.671 $\pm$ 1427.796 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 529.067 $\pm$ 1302.241 χ^2 /NDF: 17.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

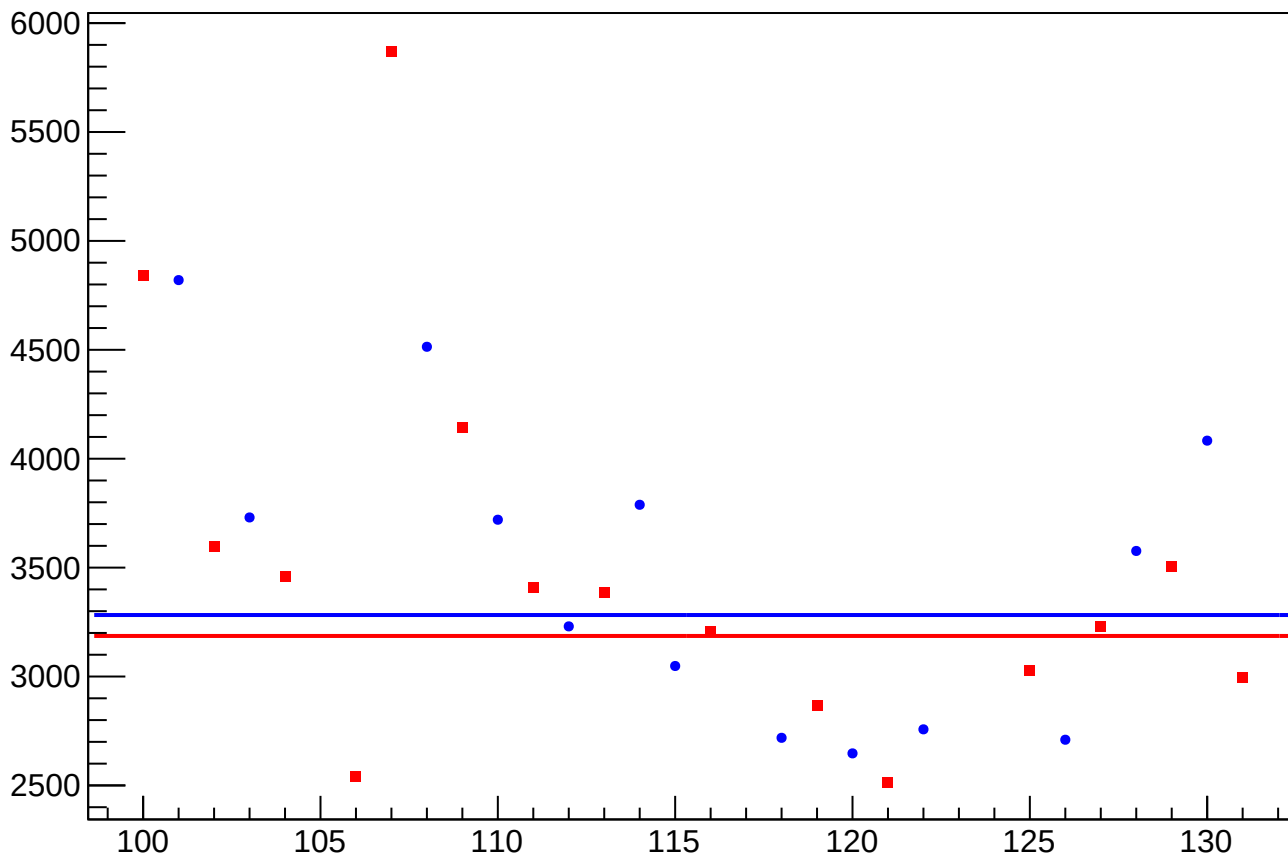
Right: 404.462 $\pm$ 962.155 χ^2 /NDF: 28.9/27

In: 254.671 $\pm$ 1427.796 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 404.462 $\pm$ 962.155 χ^2 /NDF: 28.9/27

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3282.366+/-1.010 χ^2/NDF : 423798.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3186.240+/-0.921 χ^2/NDF : 336706.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

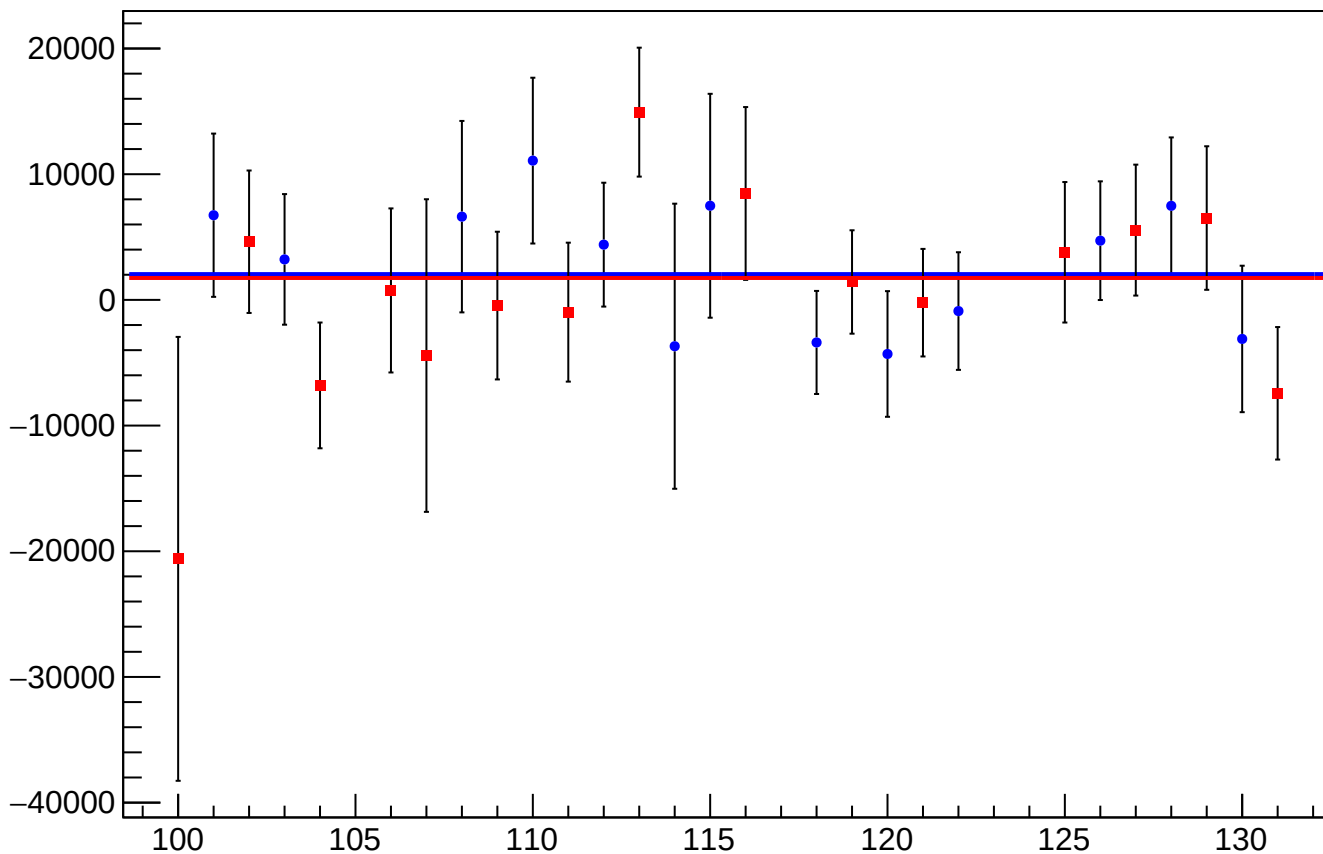
Right: 3229.892+/-0.680 χ^2/NDF : 765453.5/27

In: 3282.366+/-1.010 χ^2/NDF : 423798.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3229.892+/-0.680 χ^2/NDF : 765453.5/27

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2051.206+/-1550.851 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.754+/-1451.938 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

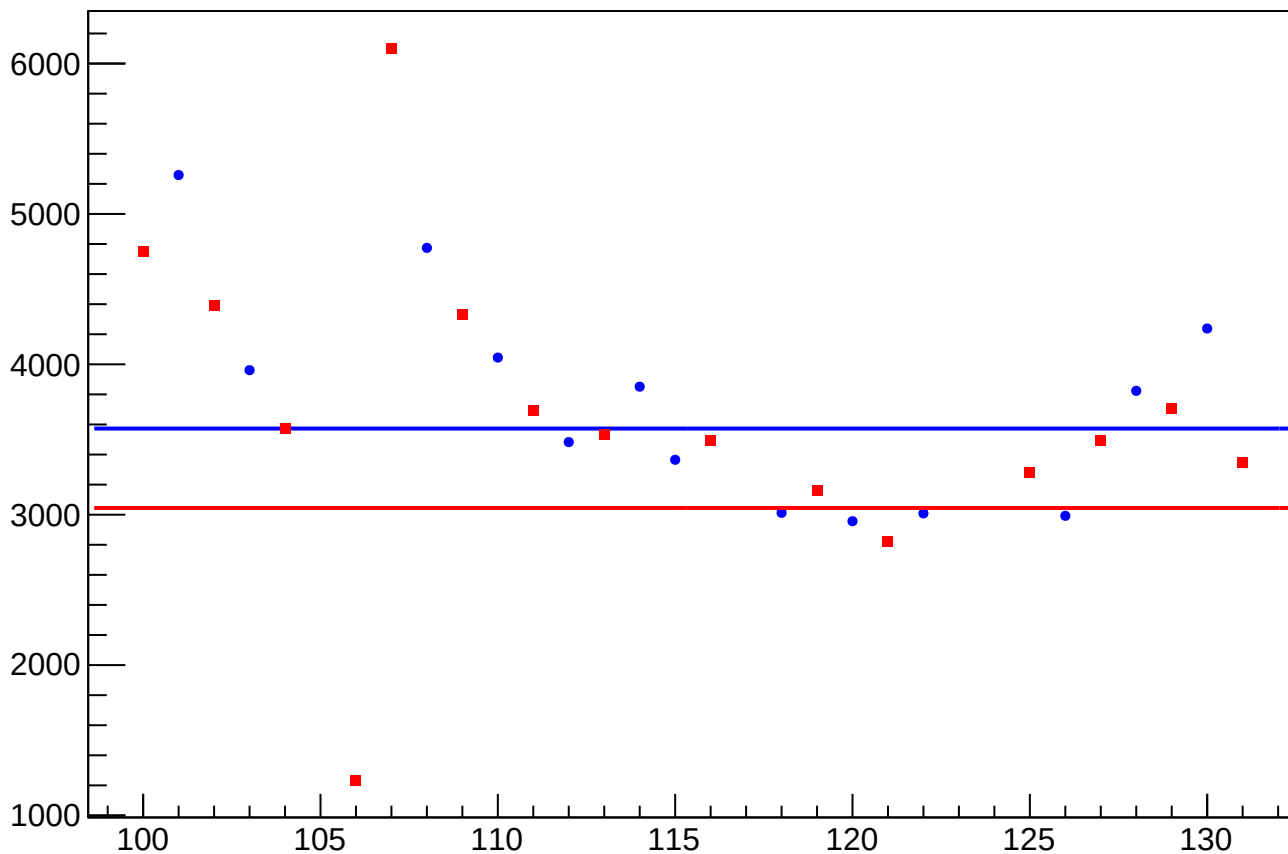
Right: 1887.364+/-1059.919 χ^2/NDF : 27.2/27

In: 2051.206+/-1550.851 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.364+/-1059.919 χ^2/NDF : 27.2/27

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3572.976+/-1.097 χ^2/NDF : 366182.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3044.824+/-0.933 χ^2/NDF : 1296706.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

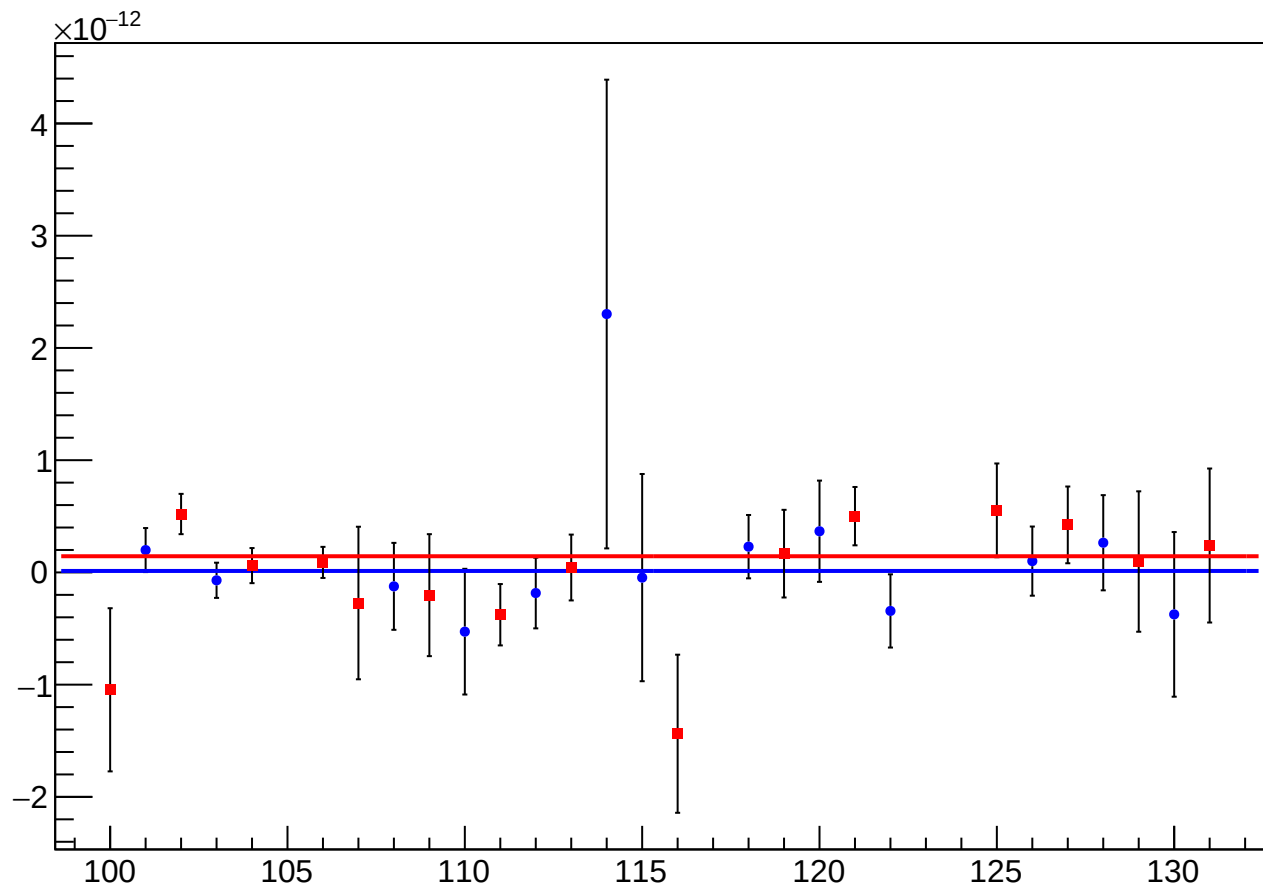
Right: 3266.506+/-0.710 χ^2/NDF : 1797486.9/27

In: 3572.976+/-1.097 χ^2/NDF :366182.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3266.506+/-0.710 χ^2/NDF : 1797486.9/27

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

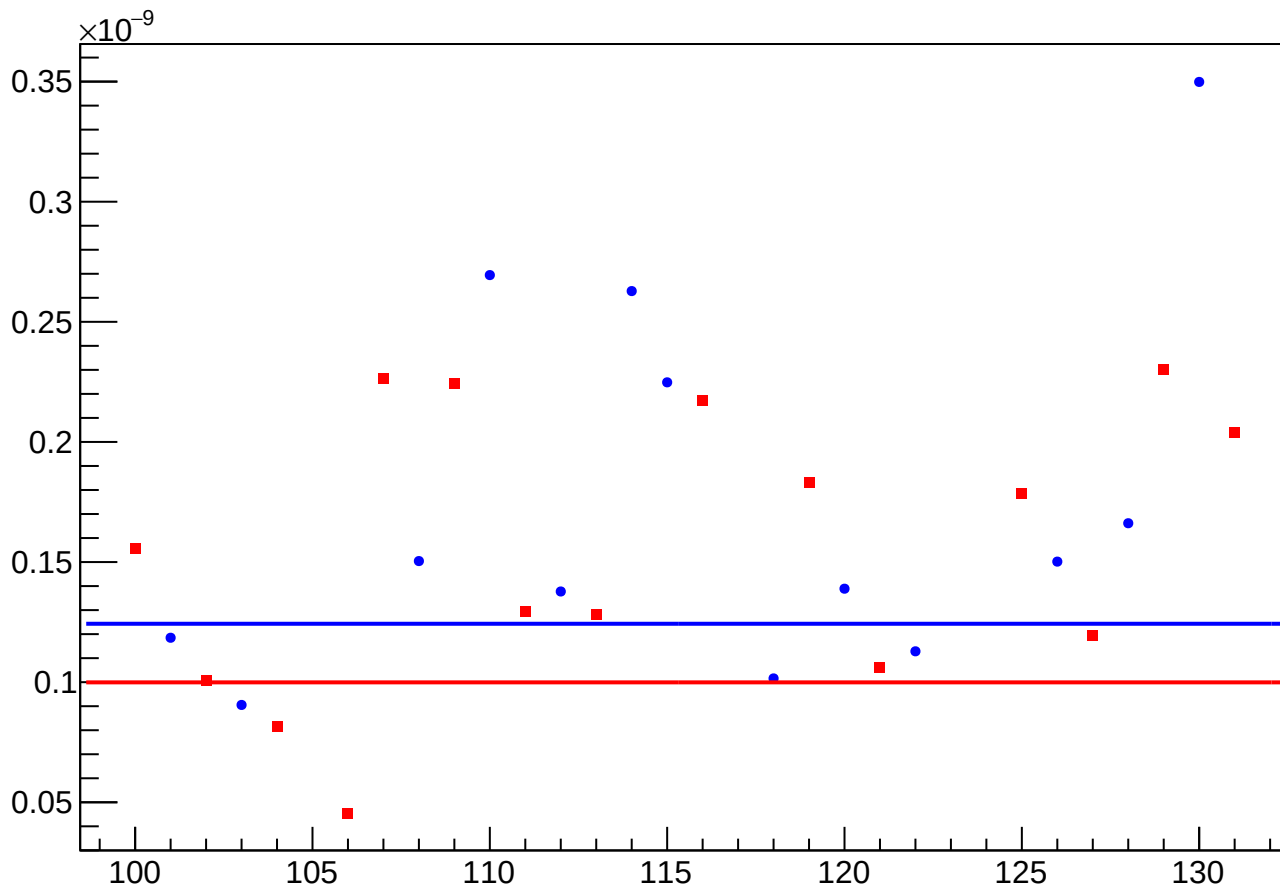
Right: 0.000+/-0.000 χ^2/NDF : 28.9/27

In: 0.000+/-0.000 χ^2/NDF : 6.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/27

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 514363.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 923385.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

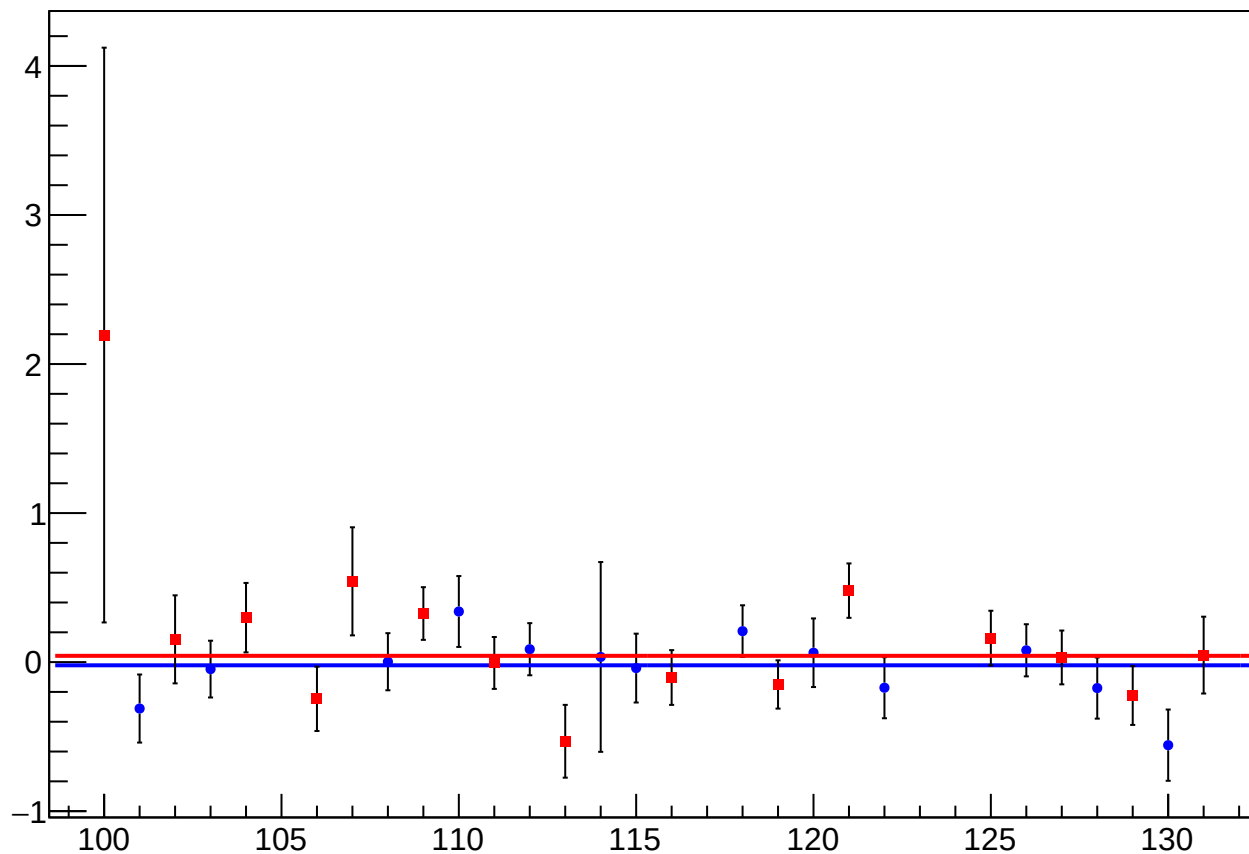
Right: 0.000+/-0.000 χ^2/NDF : 1532508.2/27

In: 0.000+/-0.000 χ^2/NDF : 514363.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1532508.2/27

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.058 χ^2/NDF : 12.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.042 ± 0.054 χ^2/NDF : 24.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

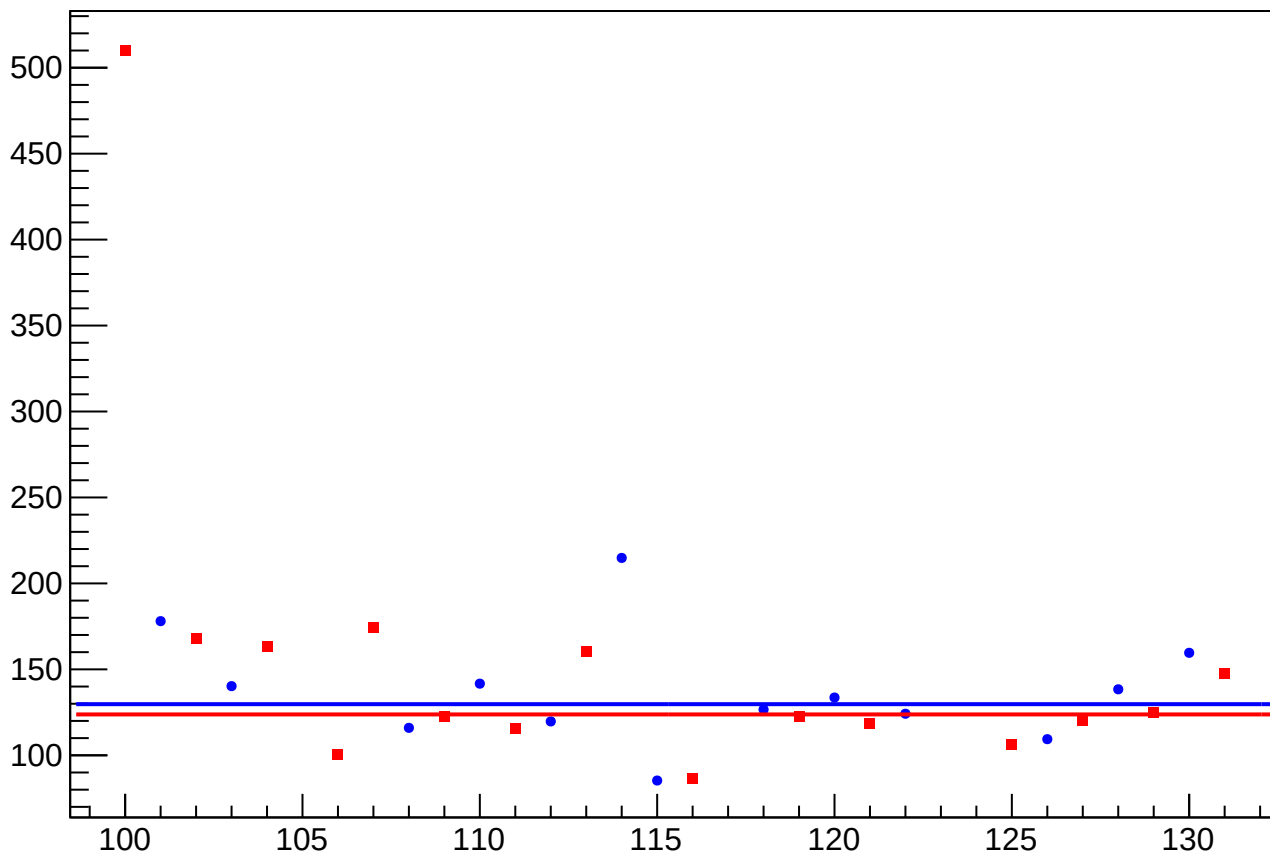
Right: 0.013 ± 0.040 χ^2/NDF : 37.8/27

In: -0.021 ± 0.058 χ^2/NDF : 12.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.013 ± 0.040 χ^2/NDF : 37.8/27

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412824.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

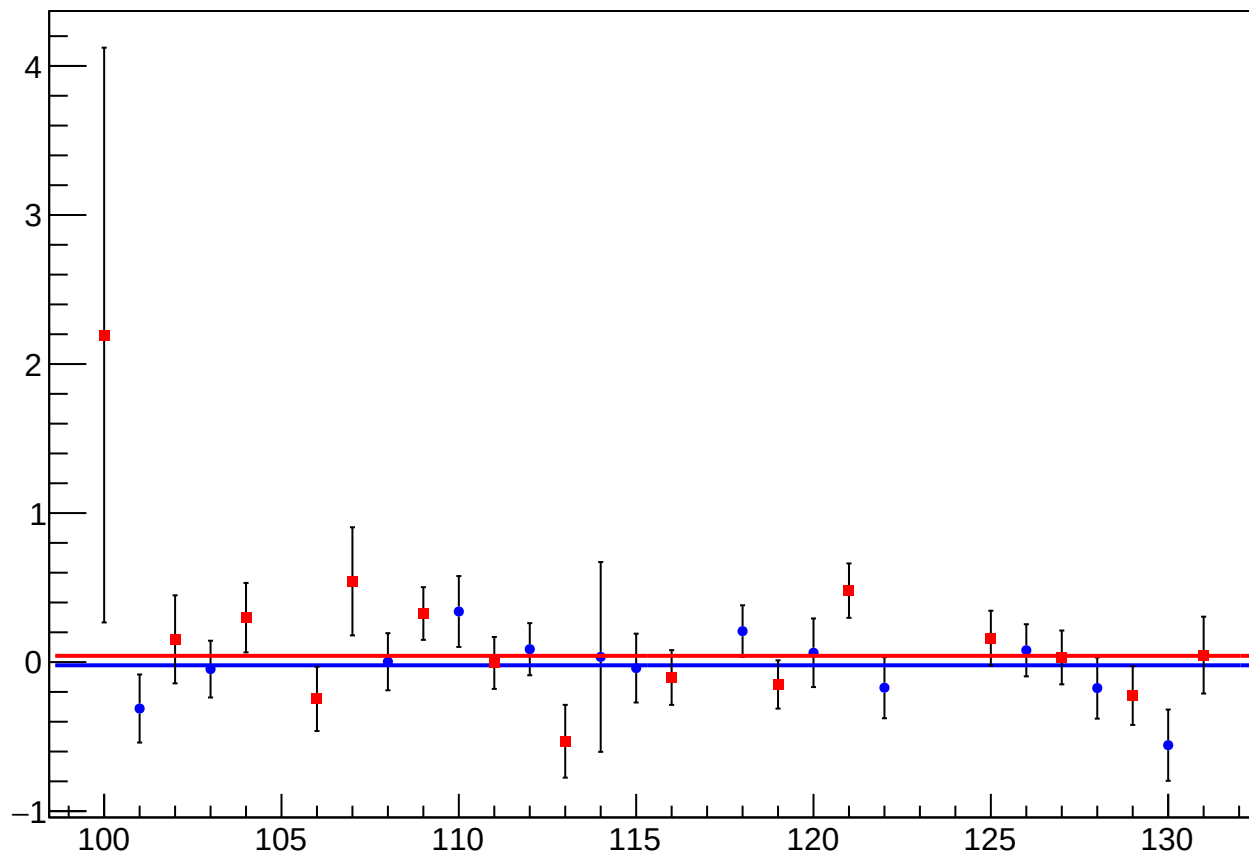
Right: 126.553+/-0.028 χ^2/NDF : 715827.3/27

In: 129.745+/-0.041 χ^2/NDF :291755.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715827.3/27

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.042+/-0.054 χ^2/NDF : 24.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

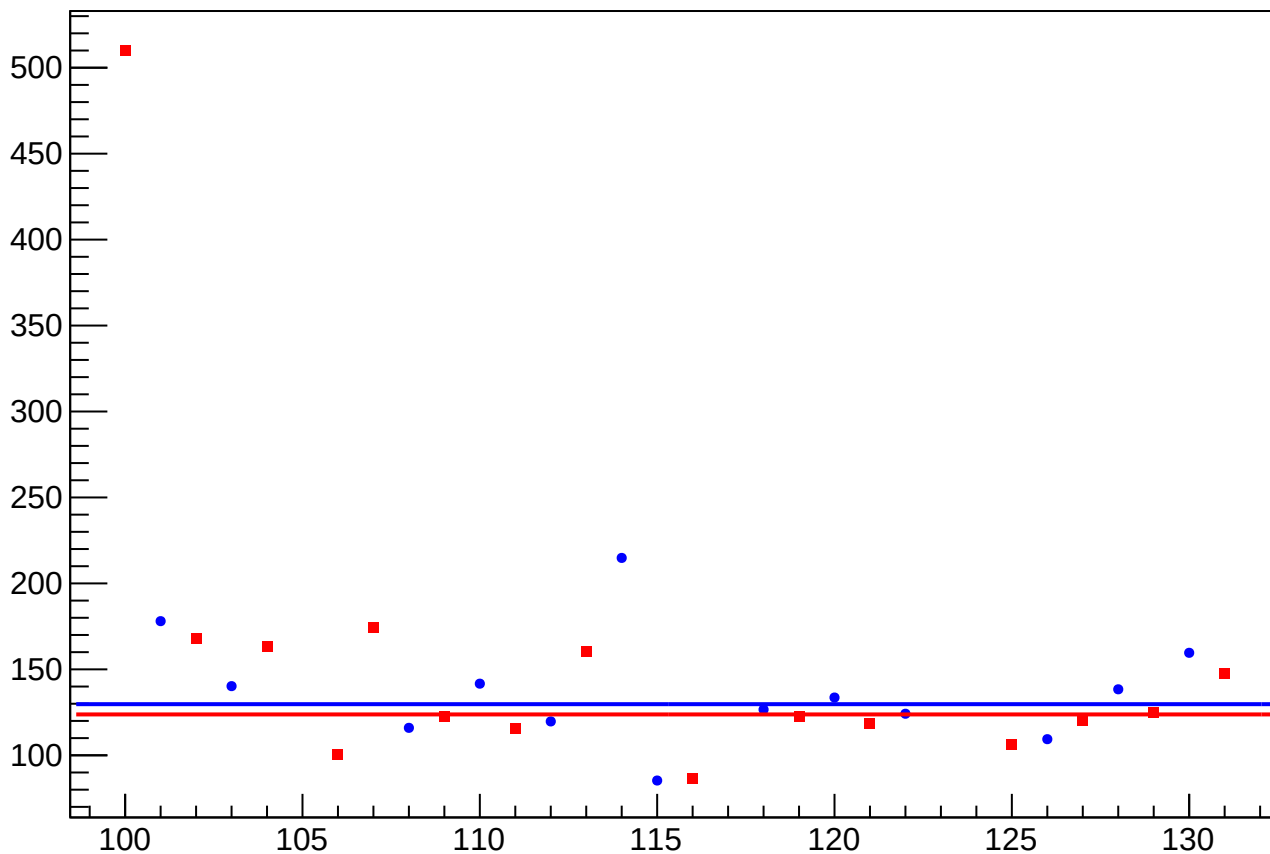
Right: 0.013+/-0.040 χ^2/NDF : 37.8/27

In: -0.021+/-0.058 χ^2/NDF :12.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.040 χ^2/NDF : 37.8/27

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412824.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

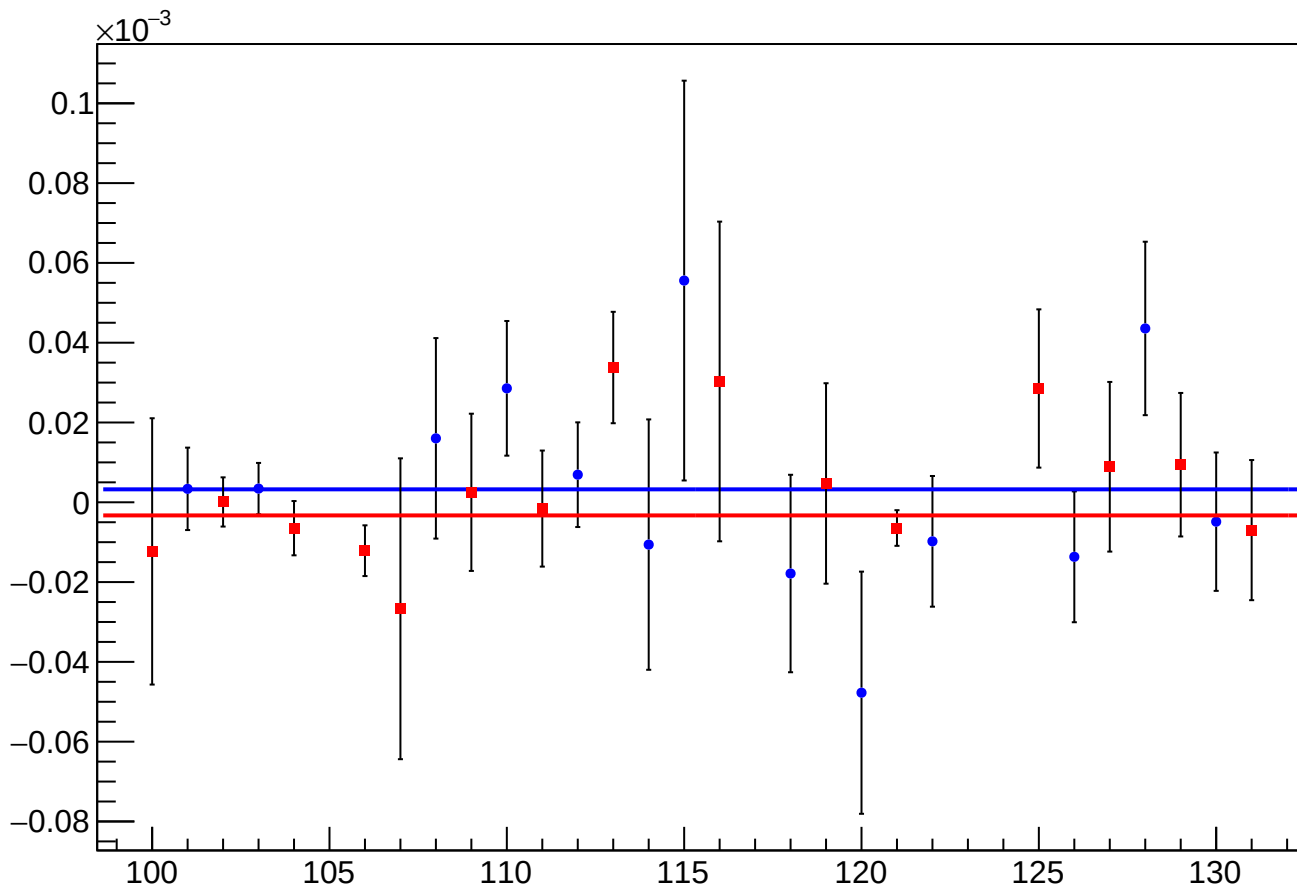
Right: 126.553+/-0.028 χ^2/NDF : 715827.3/27

In: 129.745+/-0.041 χ^2/NDF :291755.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715827.3/27

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

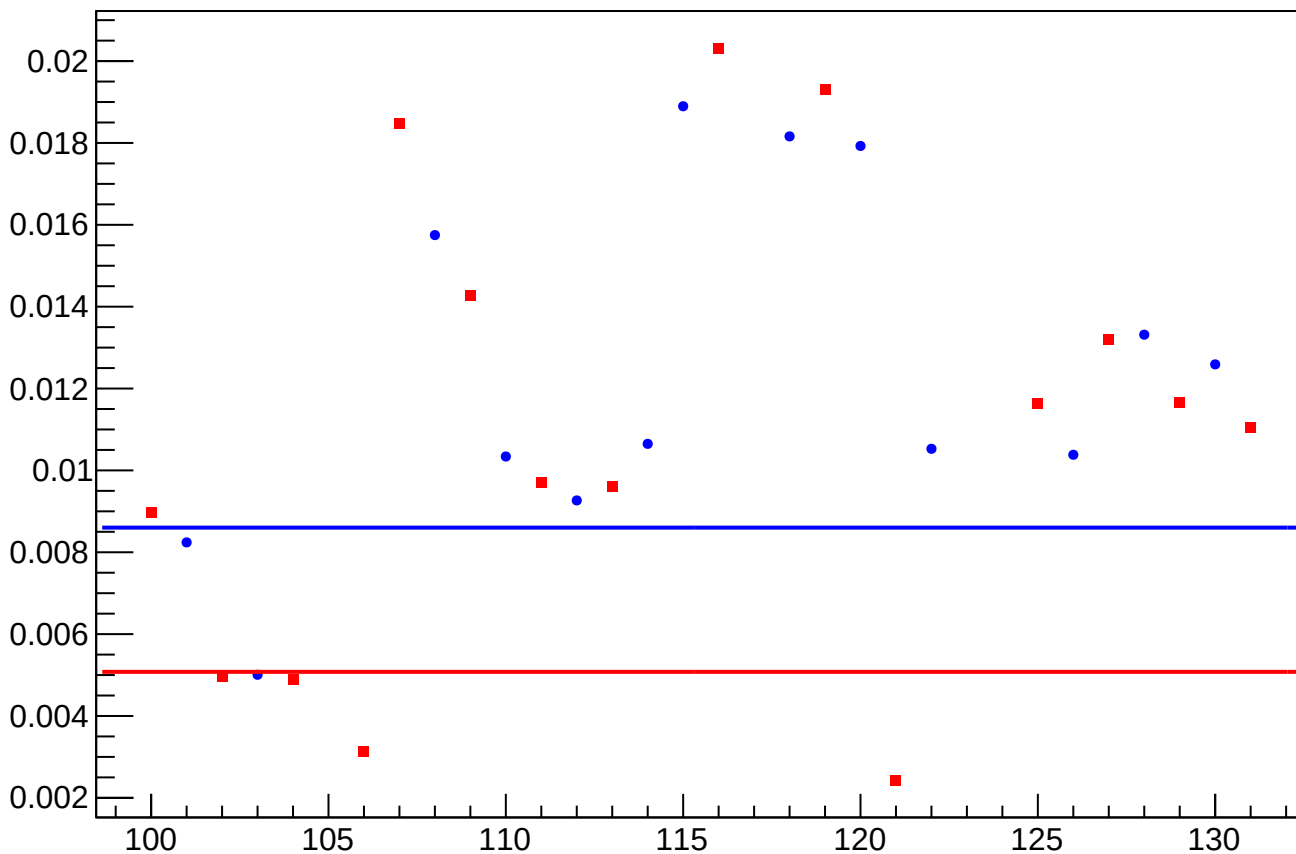
Right: -0.000+/-0.000 χ^2/NDF : 29.5/27

In: 0.000+/-0.000 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/27

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 1645963.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3966072.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

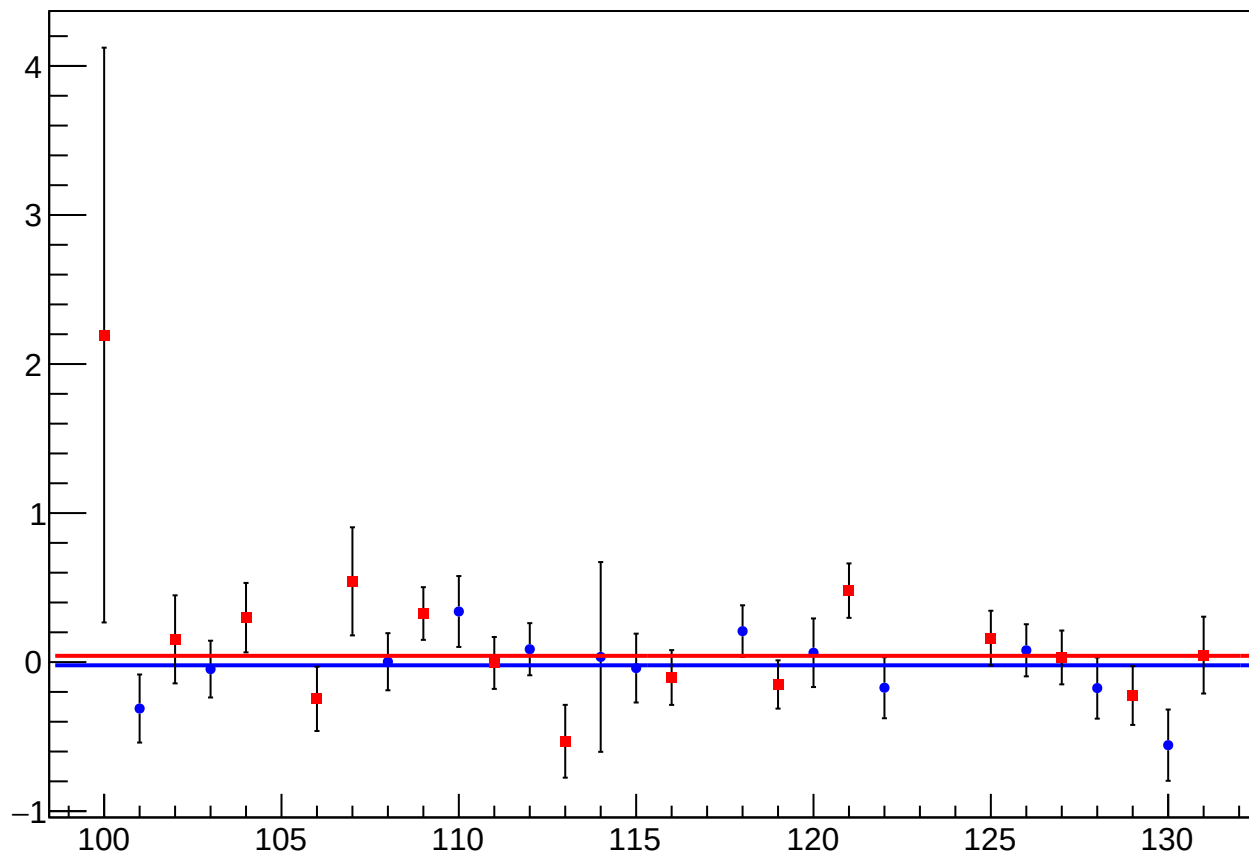
Right: 0.006+/-0.000 χ^2/NDF : 6694643.6/27

In: 0.009+/-0.000 χ^2/NDF : 1645963.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6694643.6/27

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.042+/-0.054 χ^2/NDF : 24.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

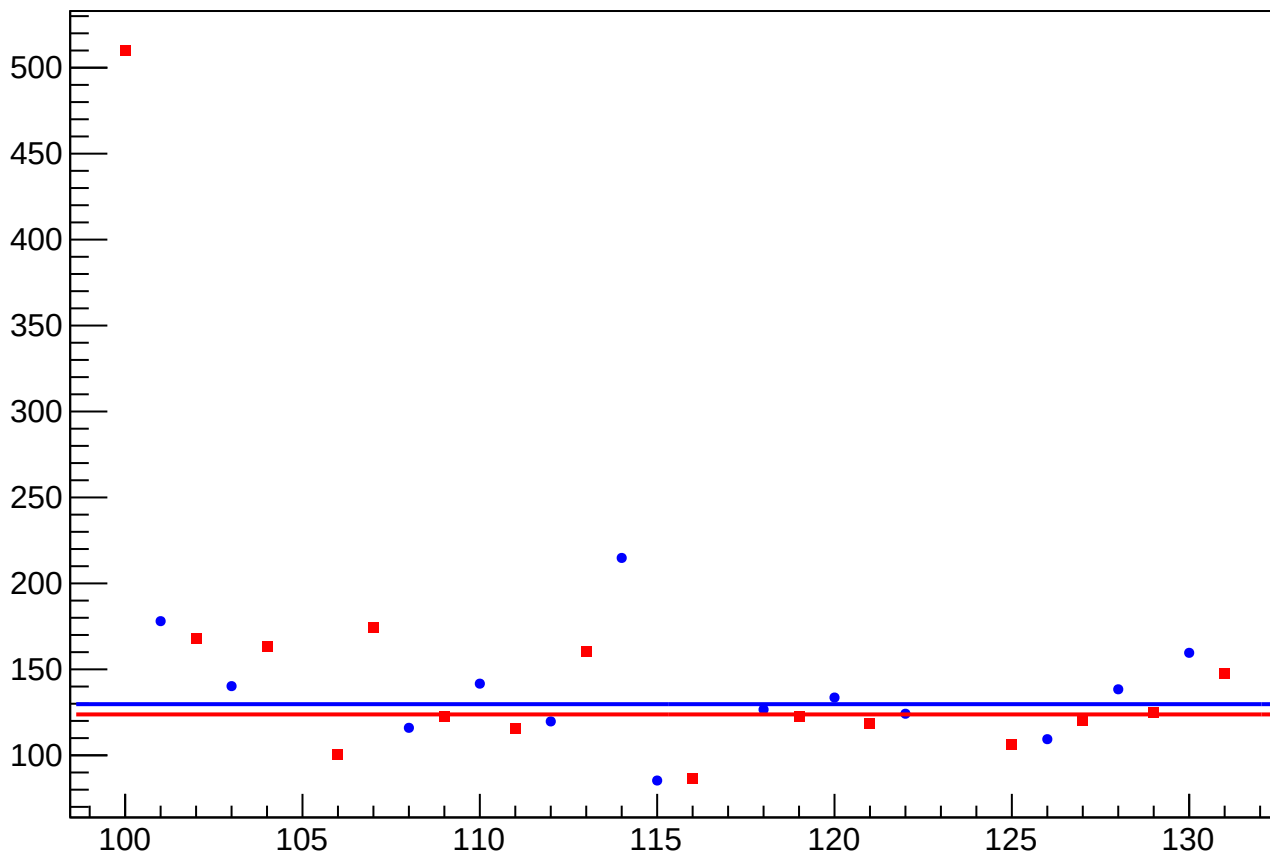
Right: 0.013+/-0.040 χ^2/NDF : 37.8/27

In: -0.021+/-0.058 χ^2/NDF :12.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.040 χ^2/NDF : 37.8/27

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412795.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

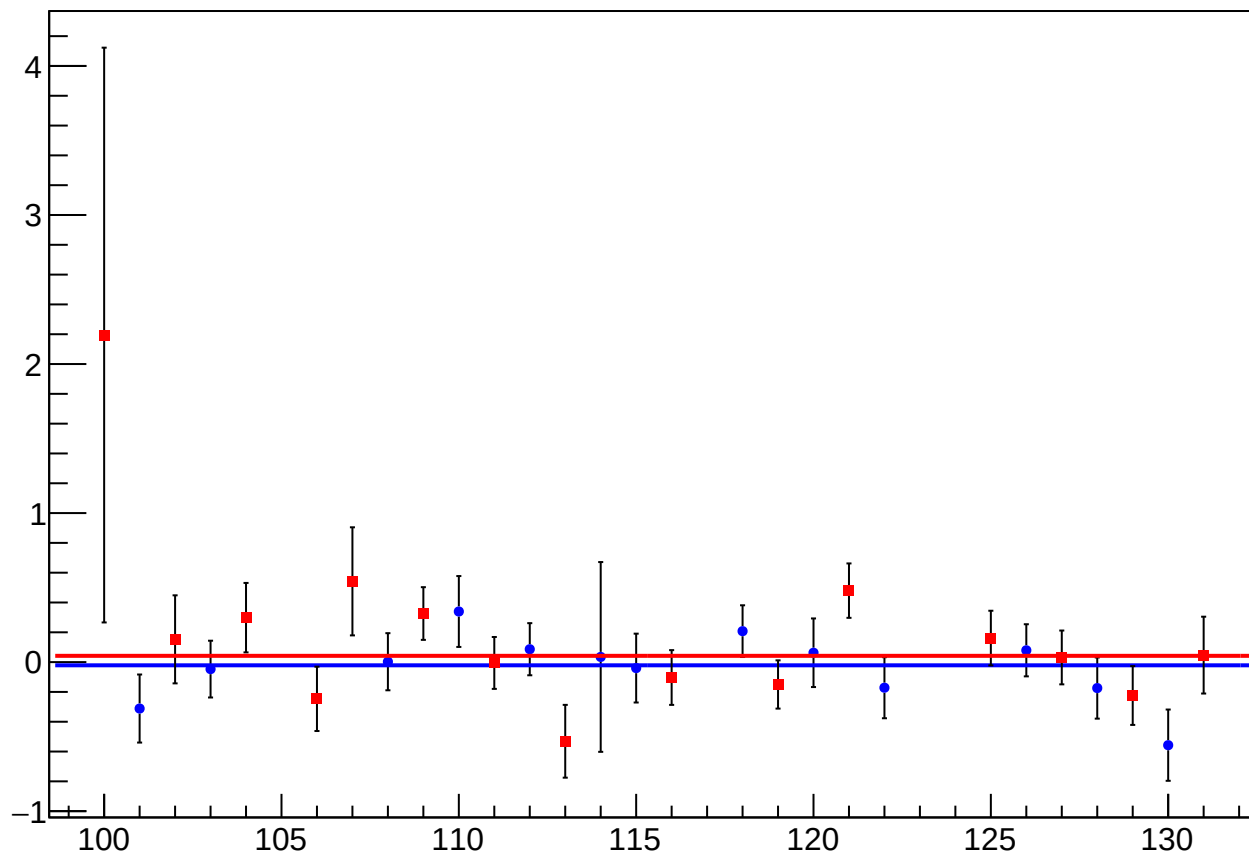
Right: 126.553+/-0.028 χ^2/NDF : 715762.3/27

In: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715762.3/27

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.042+/-0.054 χ^2/NDF : 24.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

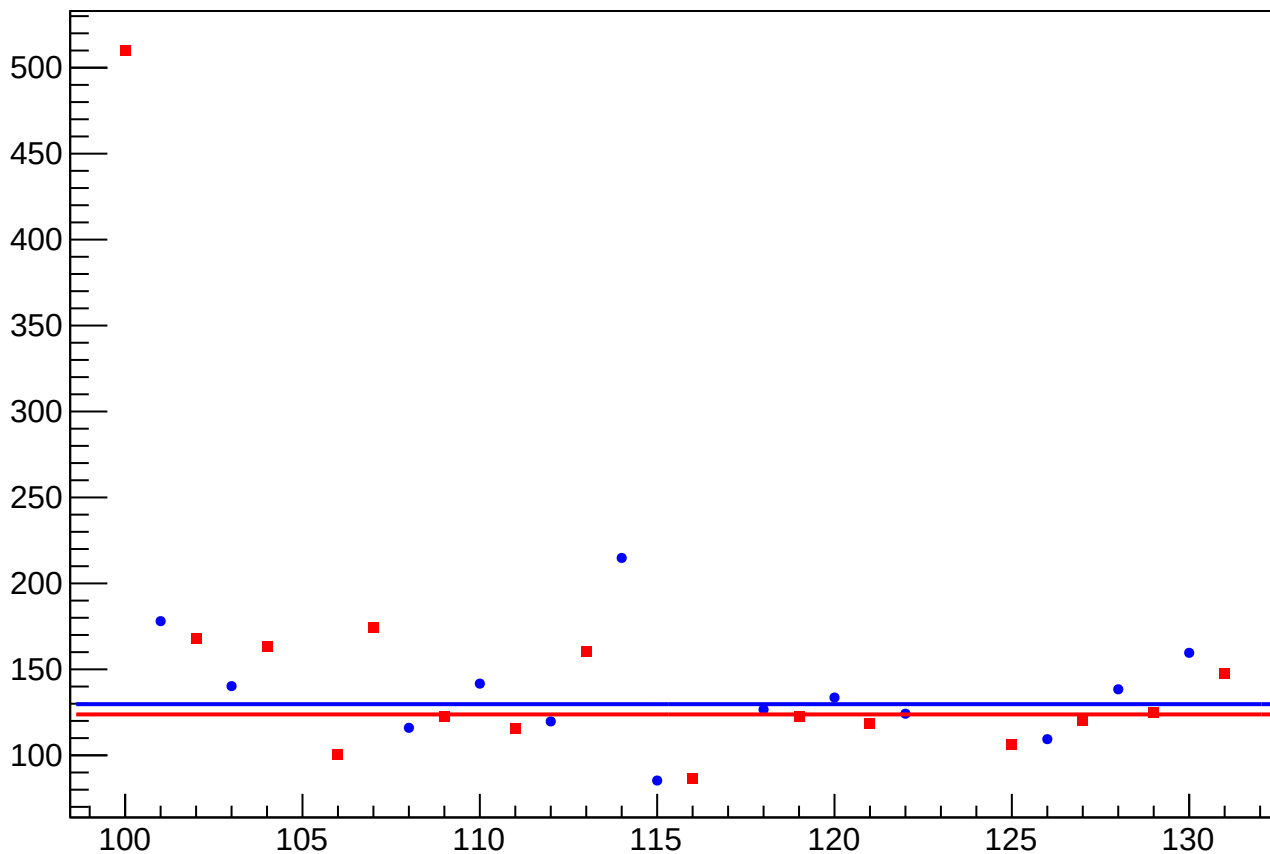
Right: 0.013+/-0.040 χ^2/NDF : 37.8/27

In: -0.021+/-0.058 χ^2/NDF :12.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.040 χ^2/NDF : 37.8/27

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.744 $\pm$ 0.041 χ^2 /NDF: 291720.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.780 $\pm$ 0.038 χ^2 /NDF: 412795.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

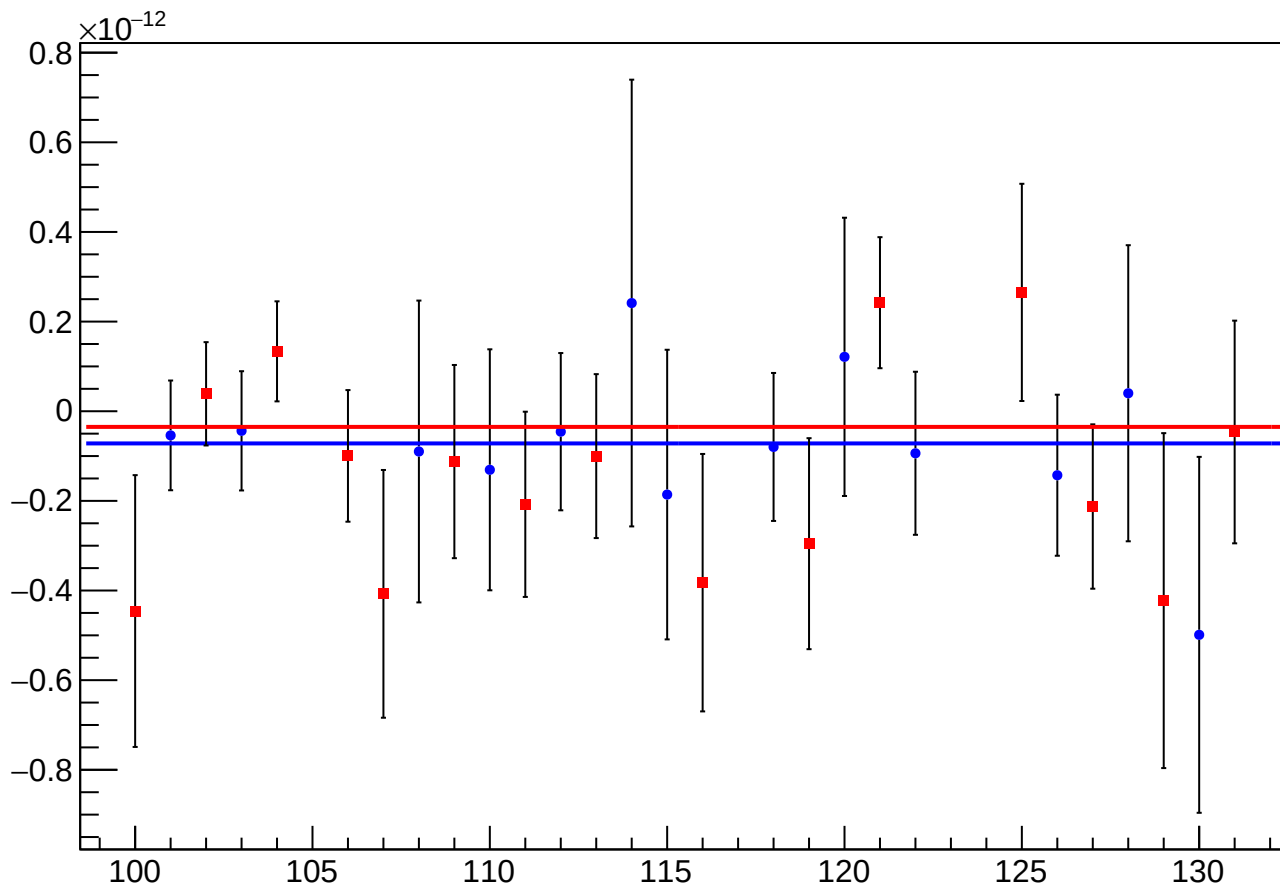
Right: 126.553 $\pm$ 0.028 χ^2 /NDF: 715762.3/27

In: 129.744 $\pm$ 0.041 χ^2 /NDF:291720.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.553 $\pm$ 0.028 χ^2 /NDF: 715762.3/27

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 2.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 17.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

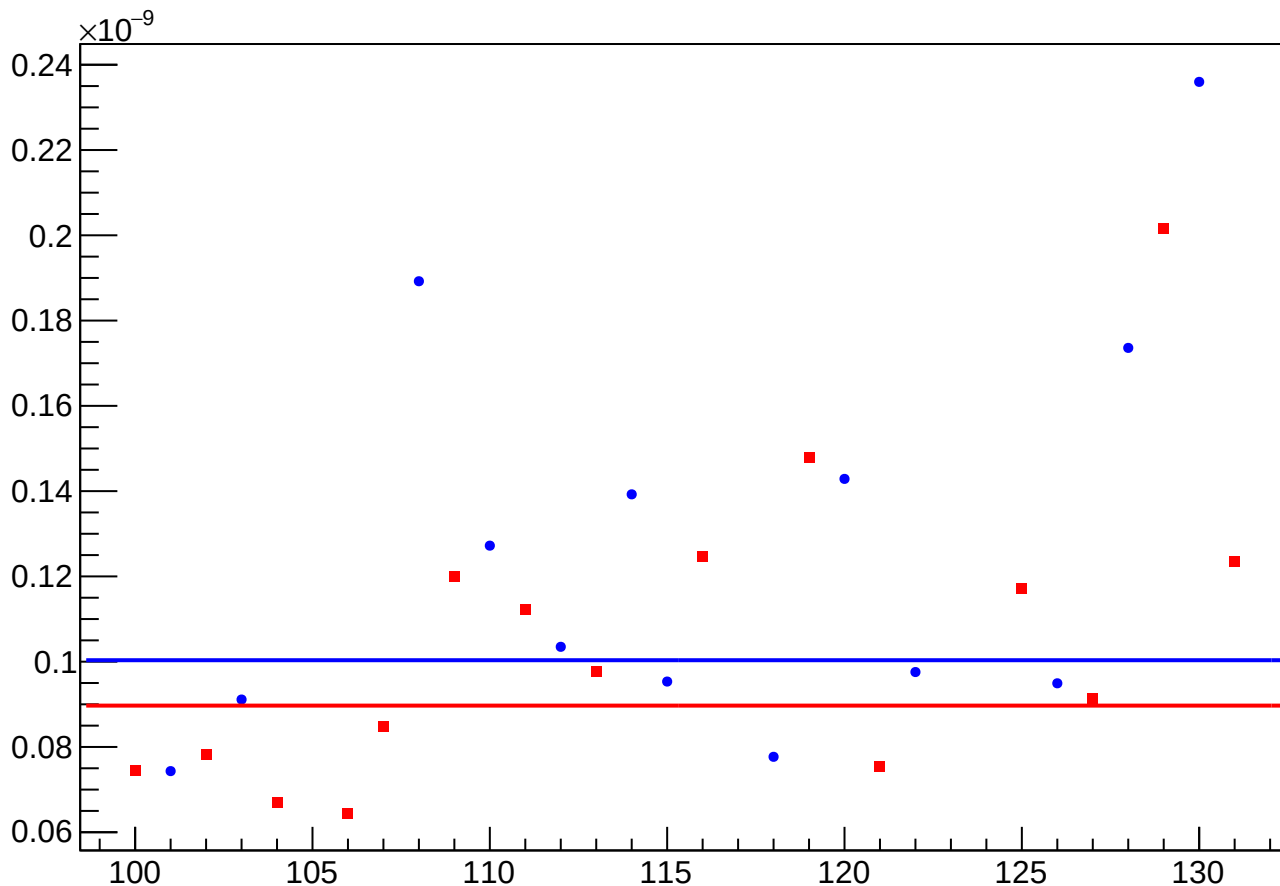
Right: -0.000 ± 0.000 χ^2/NDF : 20.1/27

In: -0.000 ± 0.000 χ^2/NDF : 2.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.1/27

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 681811.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 647418.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

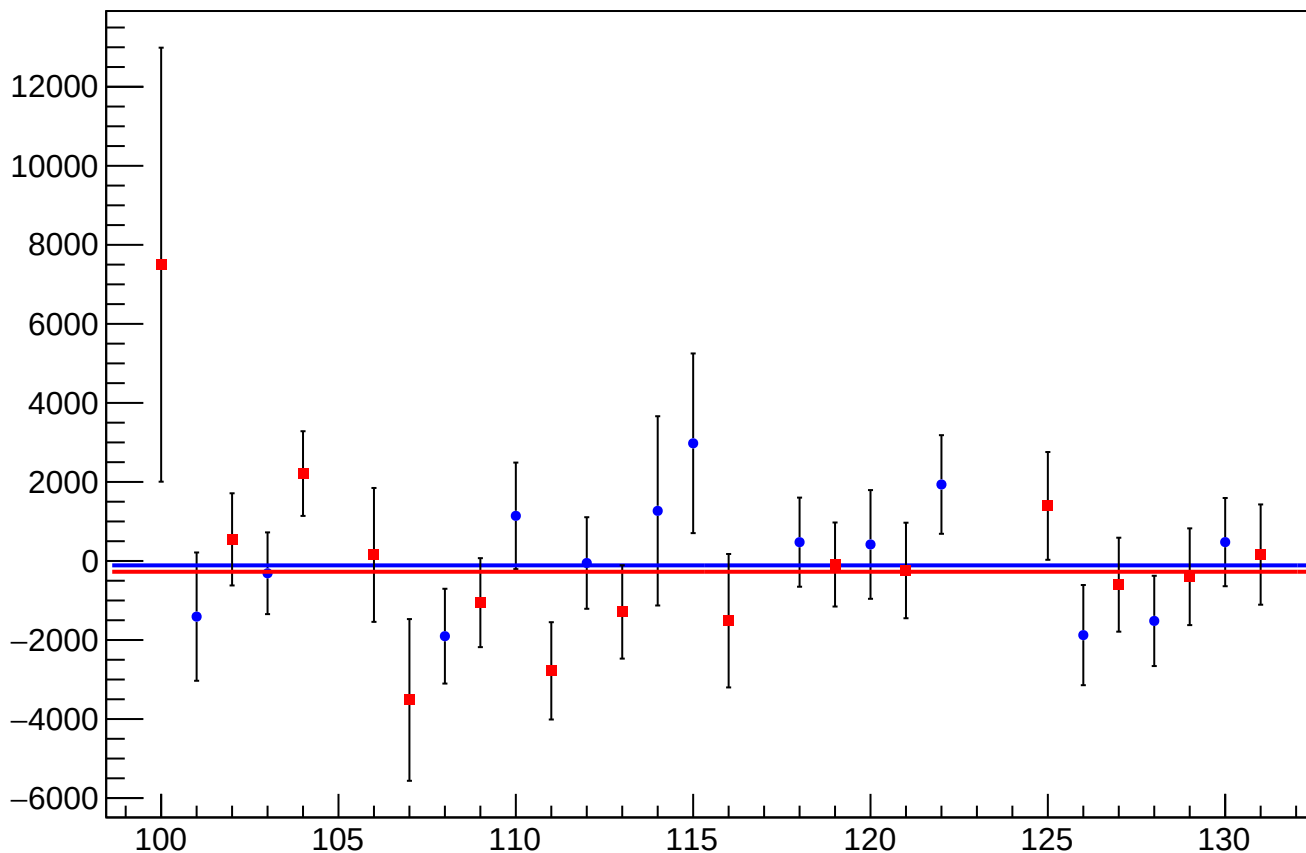
Right: 0.000+/-0.000 χ^2/NDF : 1371204.8/27

In: 0.000+/-0.000 χ^2/NDF : 681811.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1371204.8/27

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -111.280+/-357.573 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -272.946+/-336.262 χ^2/NDF : 18.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

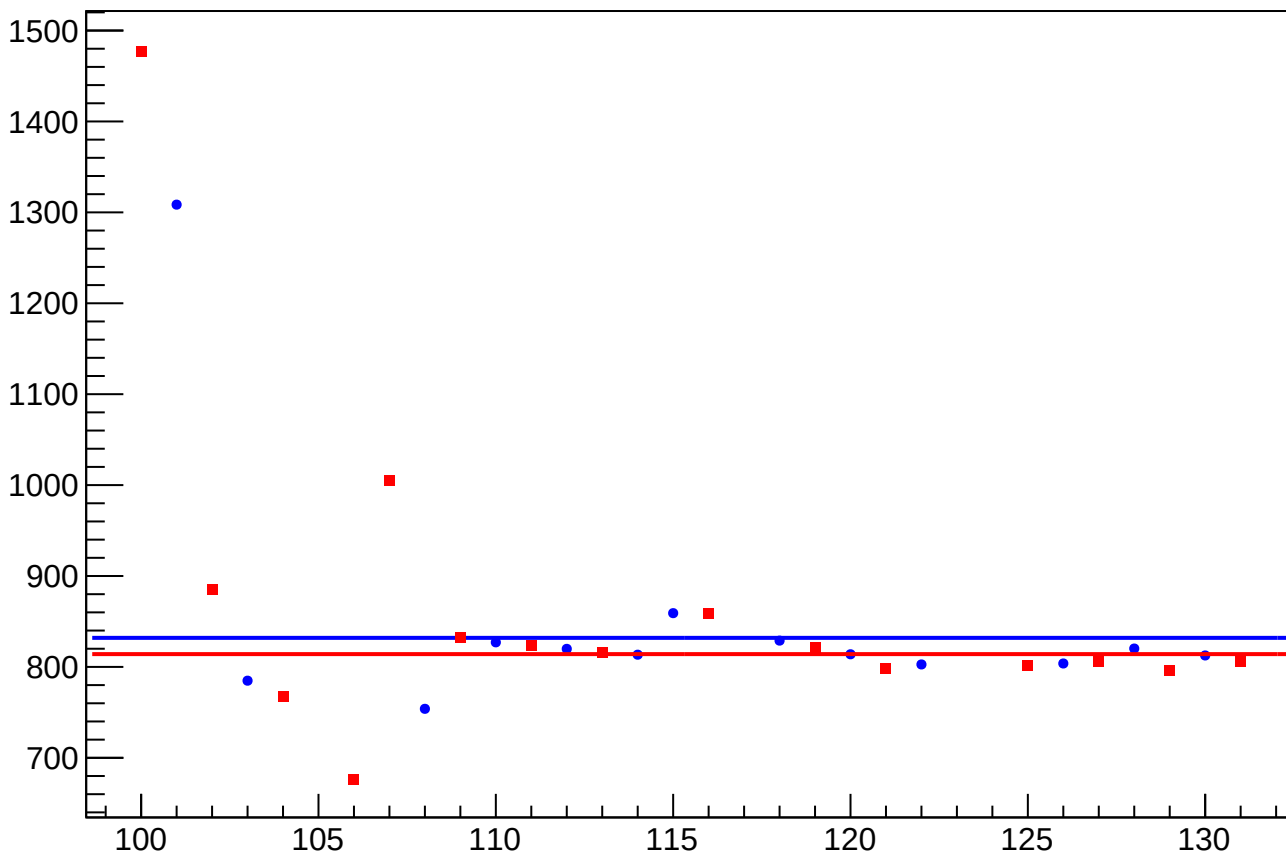
Right: -197.074+/-244.961 χ^2/NDF : 31.0/27

In: -111.280+/-357.573 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.074+/-244.961 χ^2/NDF : 31.0/27

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 831.969+/-0.253 χ^2/NDF : 188892.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 814.082+/-0.235 χ^2/NDF : 83626.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

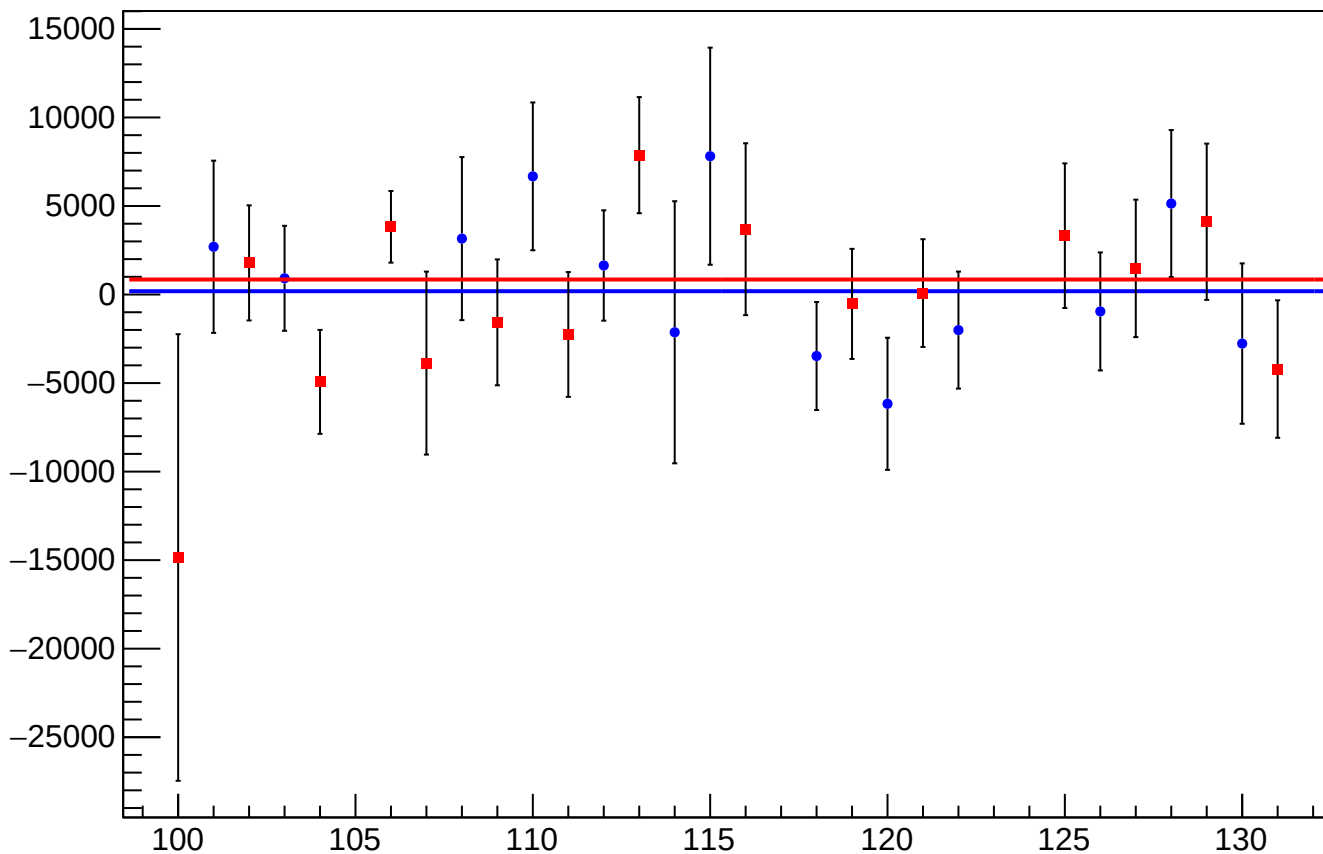
Right: 822.356+/-0.172 χ^2/NDF : 275208.8/27

In: 831.969+/-0.253 χ^2/NDF :188892.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 822.356+/-0.172 χ^2/NDF : 275208.8/27

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 187.830+/-1068.355 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.313+/-894.549 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

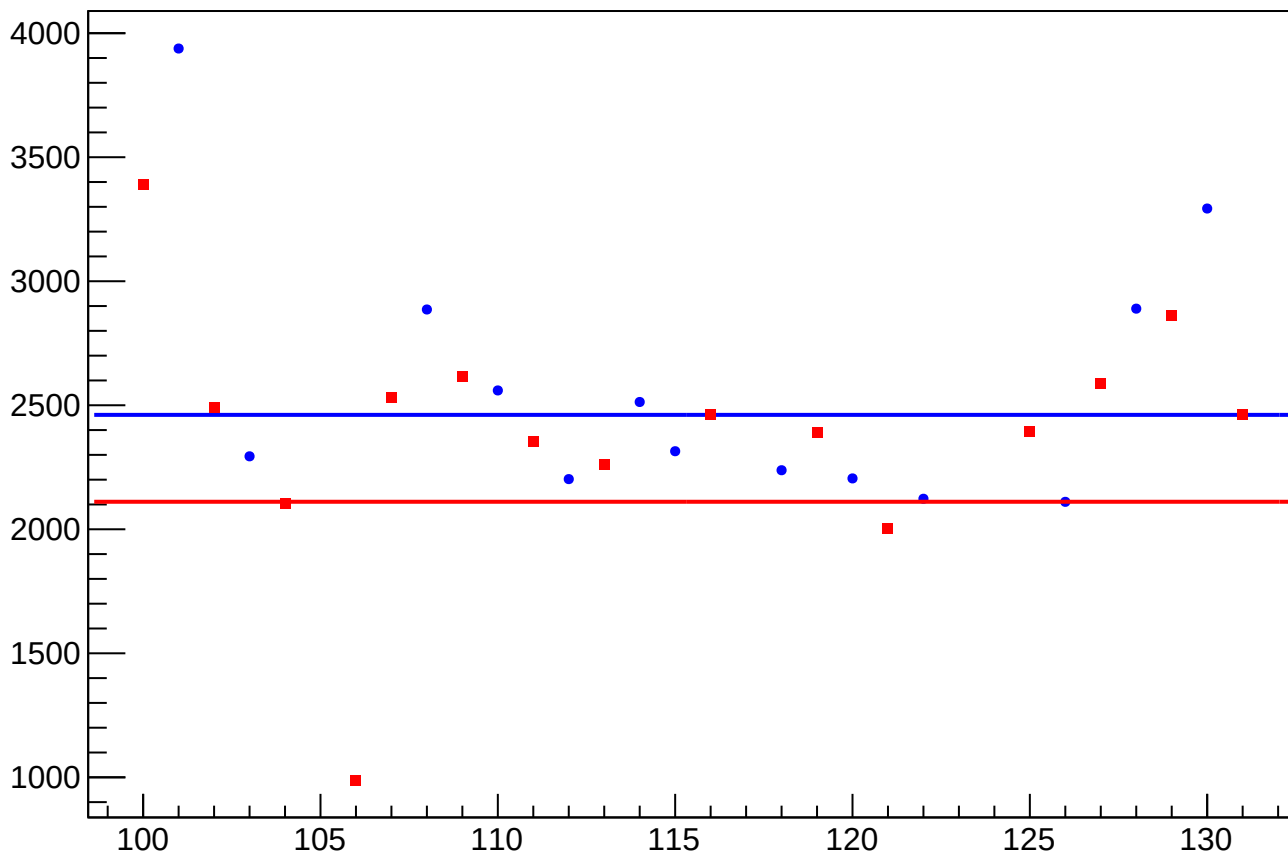
Right: 576.099+/-685.867 χ^2/NDF : 29.6/27

In: 187.830+/-1068.355 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.099+/-685.867 χ^2/NDF : 29.6/27

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2461.260+/-0.755 χ^2/NDF : 376000.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.954+/-0.633 χ^2/NDF : 876427.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

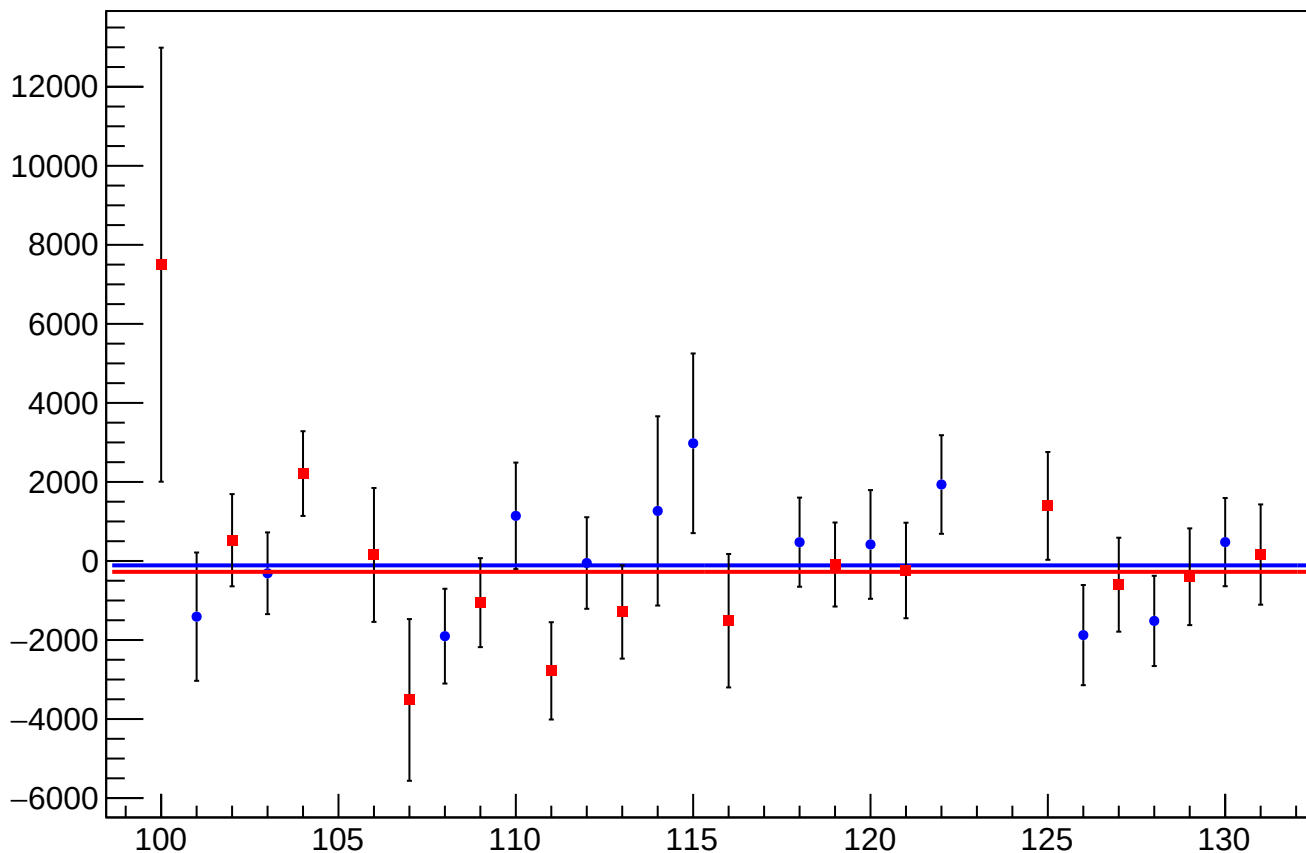
Right: 2255.331+/-0.485 χ^2/NDF : 1378832.8/27

In: 2461.260+/-0.755 χ^2/NDF : 376000.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2255.331+/-0.485 χ^2/NDF : 1378832.8/27

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -111.373 ± 357.573 χ^2/NDF : 12.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -274.718 ± 336.268 χ^2/NDF : 18.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

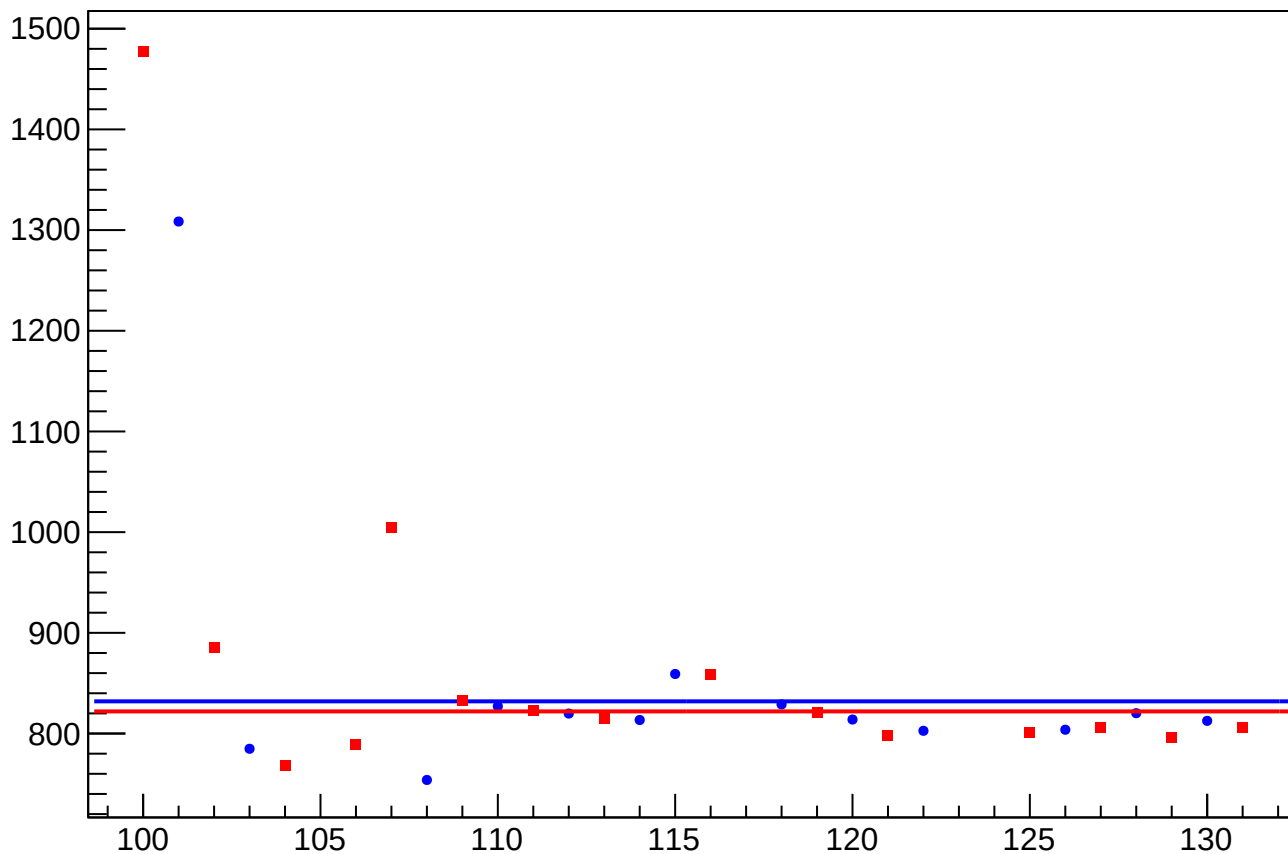
Right: -198.057 ± 244.963 χ^2/NDF : 31.0/27

In: -111.373 ± 357.573 χ^2/NDF : 12.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -198.057 ± 244.963 χ^2/NDF : 31.0/27

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.988+/-0.236 χ^2/NDF : 60443.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

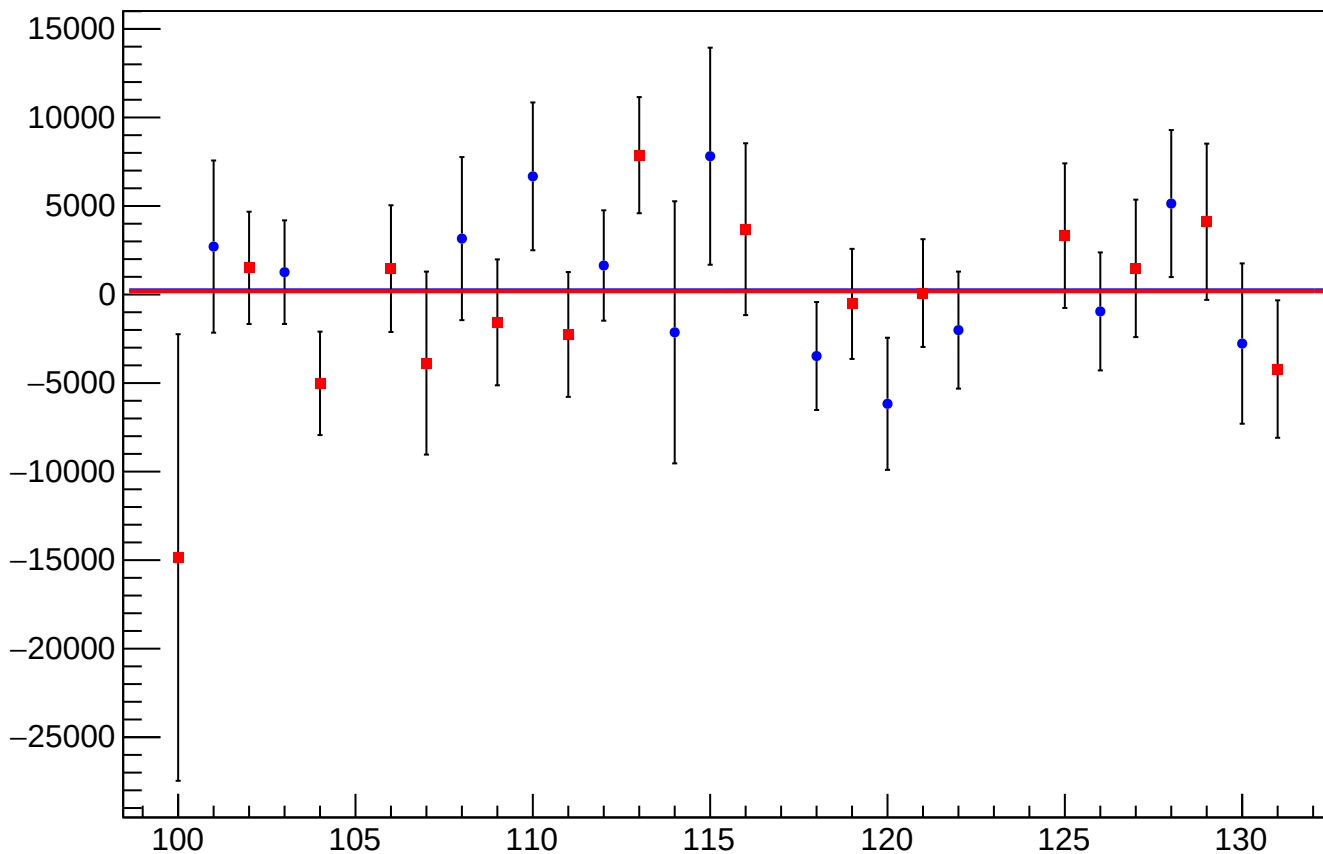
Right: 826.644+/-0.173 χ^2/NDF : 250167.2/27

In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.644+/-0.173 χ^2/NDF : 250167.2/27

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 236.935+/-1066.504 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.090+/-958.208 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

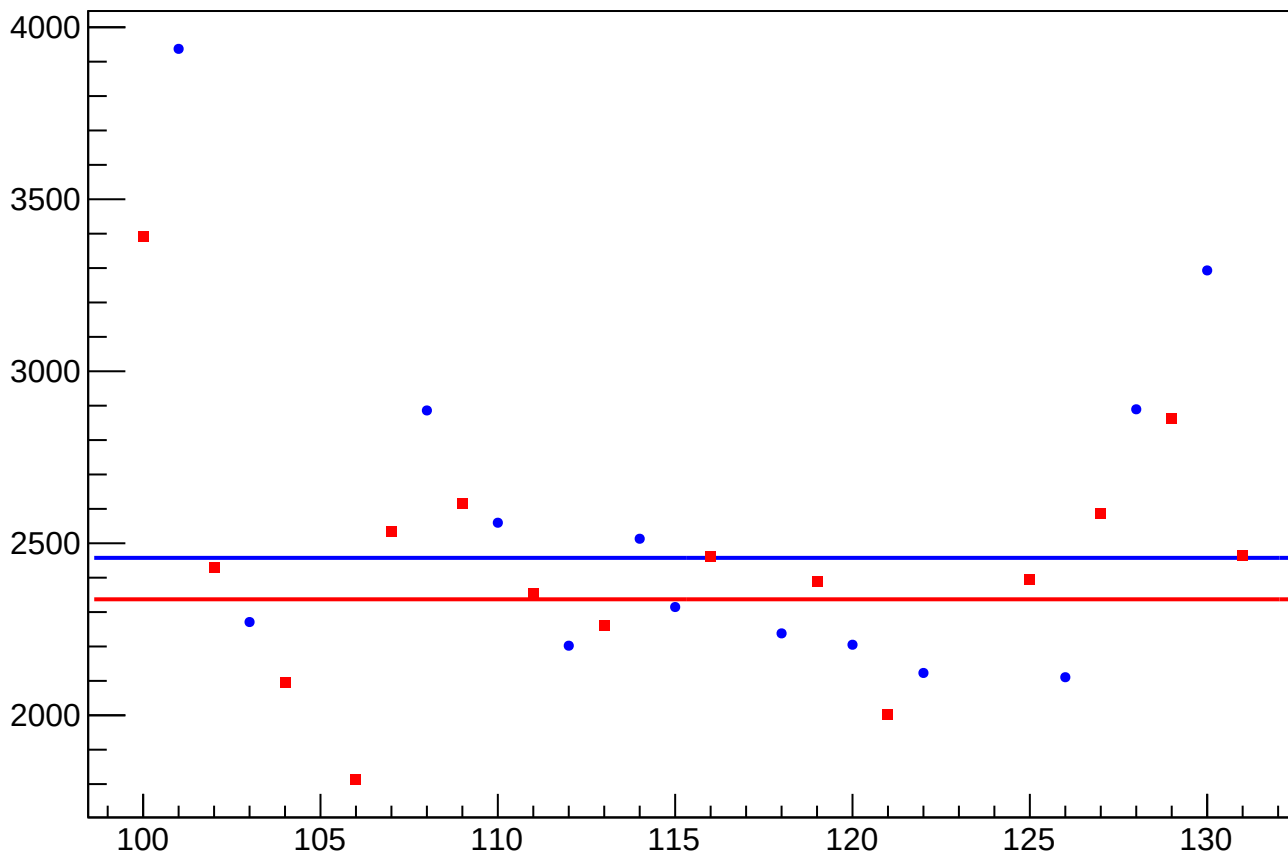
Right: 209.354+/-712.777 χ^2/NDF : 26.9/27

In: 236.935+/-1066.504 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.354+/-712.777 χ^2/NDF : 26.9/27

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.141+/-0.678 χ^2/NDF : 154194.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

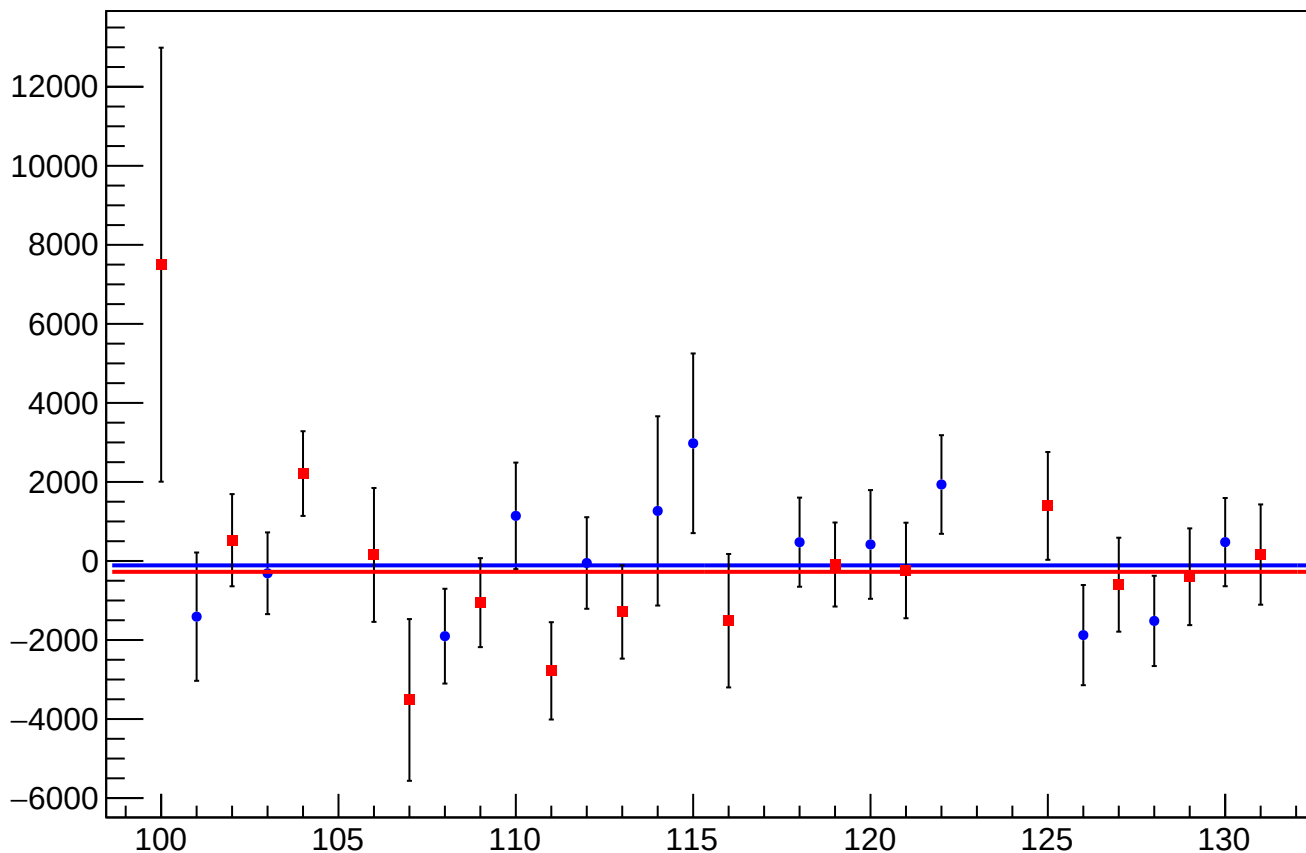
Right: 2390.948+/-0.504 χ^2/NDF : 546235.3/27

In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2390.948+/-0.504 χ^2/NDF : 546235.3/27

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -111.373+/-357.573 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -274.718+/-336.268 χ^2/NDF : 18.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

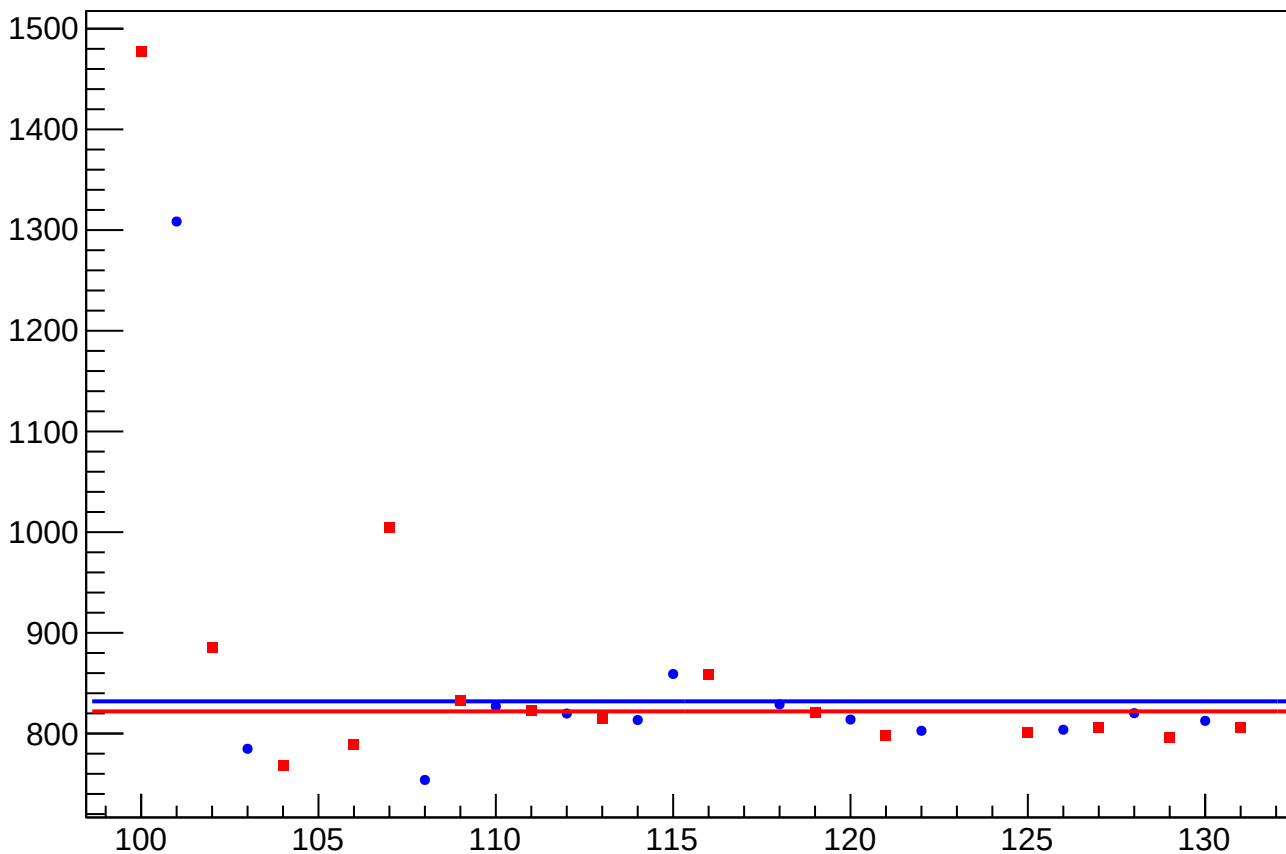
Right: -198.057+/-244.963 χ^2/NDF : 31.0/27

In: -111.373+/-357.573 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.057+/-244.963 χ^2/NDF : 31.0/27

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.988+/-0.236 χ^2/NDF : 60443.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

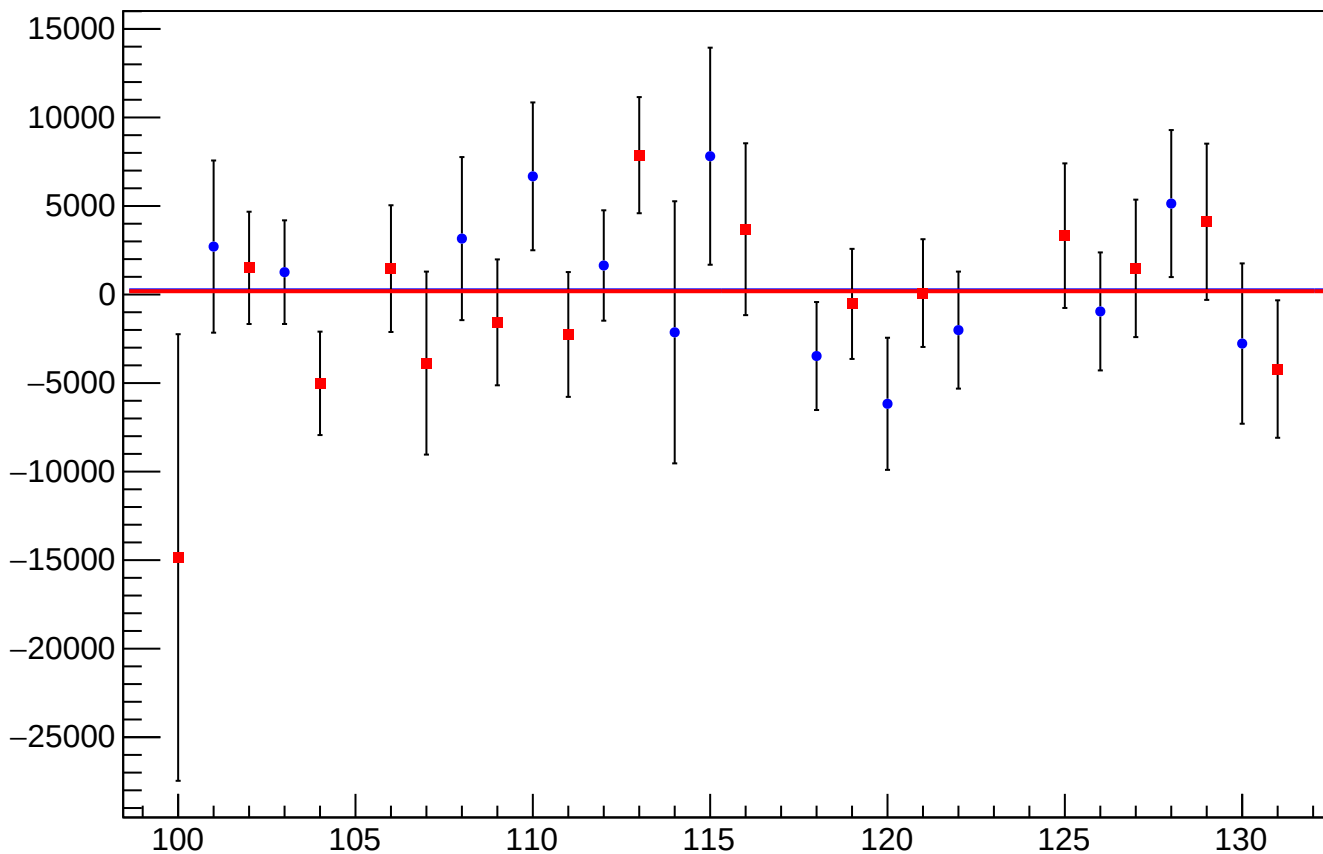
Right: 826.644+/-0.173 χ^2/NDF : 250167.2/27

In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.644+/-0.173 χ^2/NDF : 250167.2/27

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 236.935 $\pm$ 1066.504 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 187.090 $\pm$ 958.208 χ^2 /NDF: 15.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

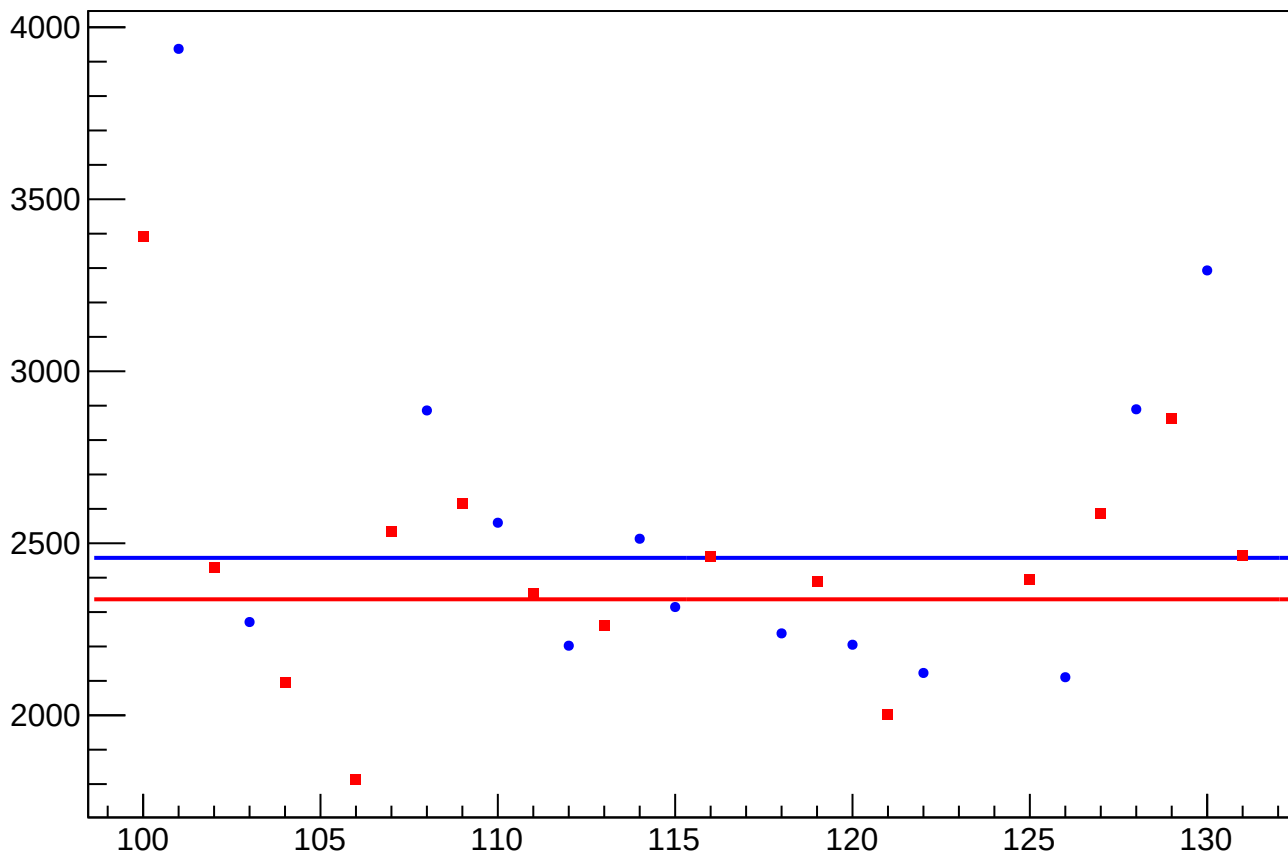
Right: 209.354 $\pm$ 712.777 χ^2 /NDF: 26.9/27

In: 236.935 $\pm$ 1066.504 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 209.354 $\pm$ 712.777 χ^2 /NDF: 26.9/27

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.141+/-0.678 χ^2/NDF : 154194.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

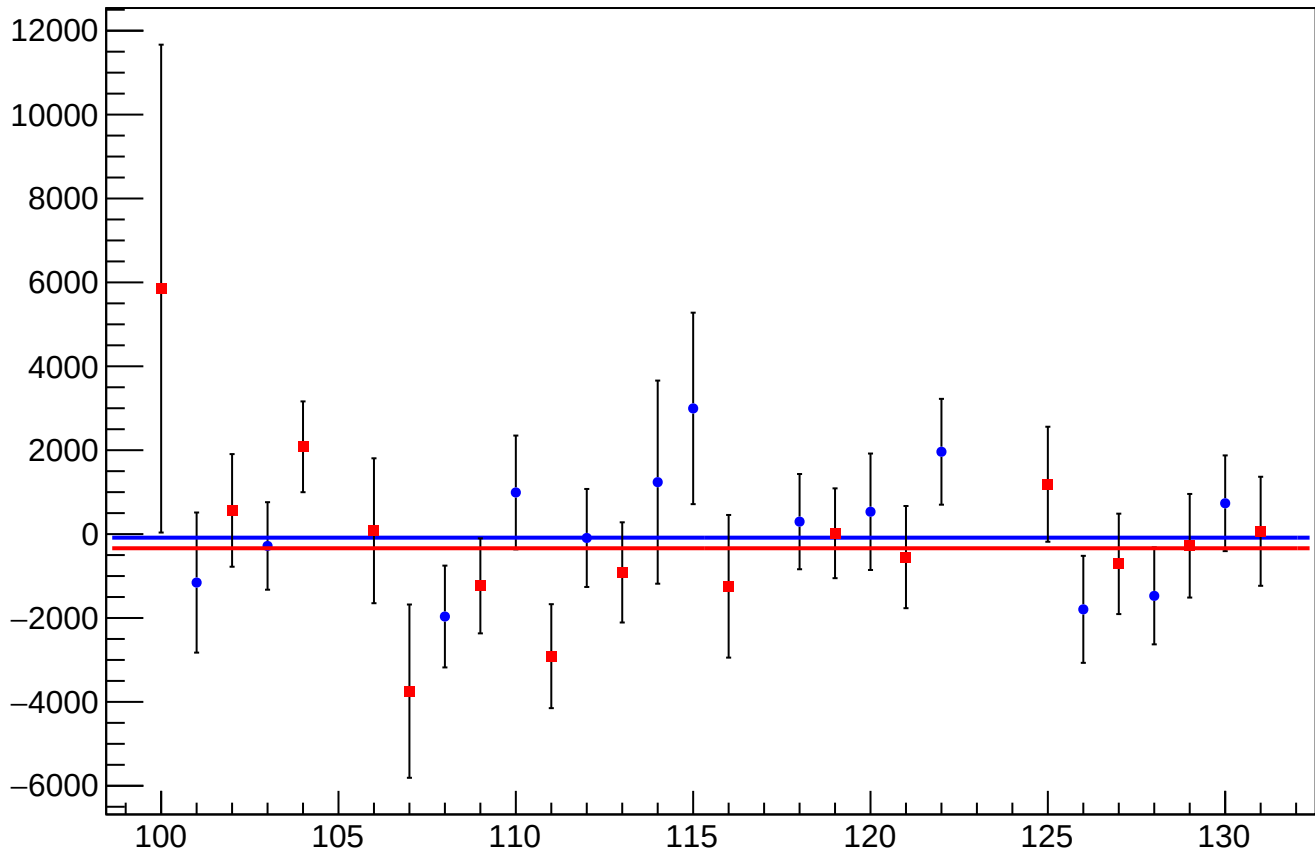
Right: 2390.948+/-0.504 χ^2/NDF : 546235.3/27

In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2390.948+/-0.504 χ^2/NDF : 546235.3/27

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -85.134 ± 361.520 $\chi^2/\text{NDF}: 12.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -337.709 ± 342.807 $\chi^2/\text{NDF}: 16.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

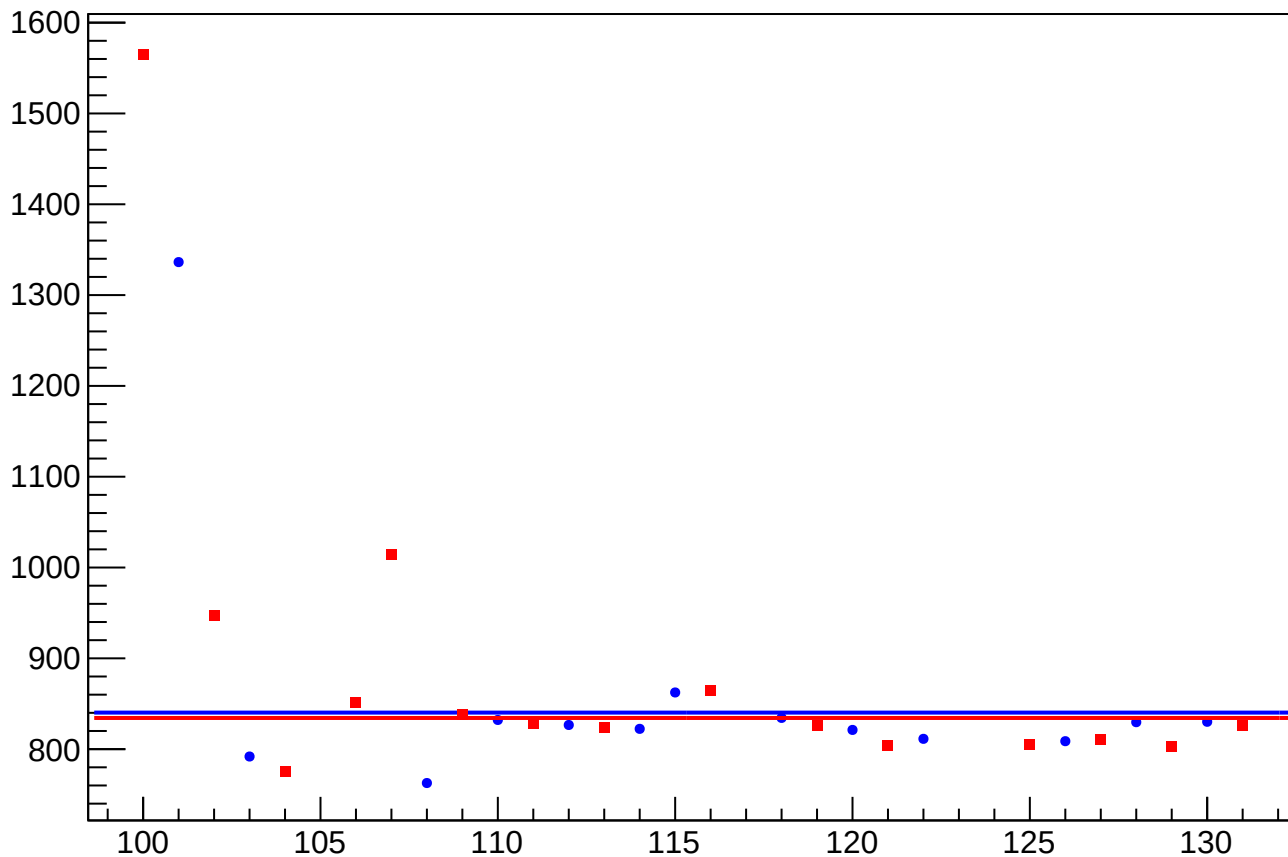
Right: -218.127 ± 248.754 $\chi^2/\text{NDF}: 28.9/27$

In: -85.134 ± 361.520 $\chi^2/\text{NDF}: 12.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -218.127 ± 248.754 $\chi^2/\text{NDF}: 28.9/27$

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 840.255+/-0.256 χ^2/NDF : 192615.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.338+/-0.242 χ^2/NDF : 72347.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

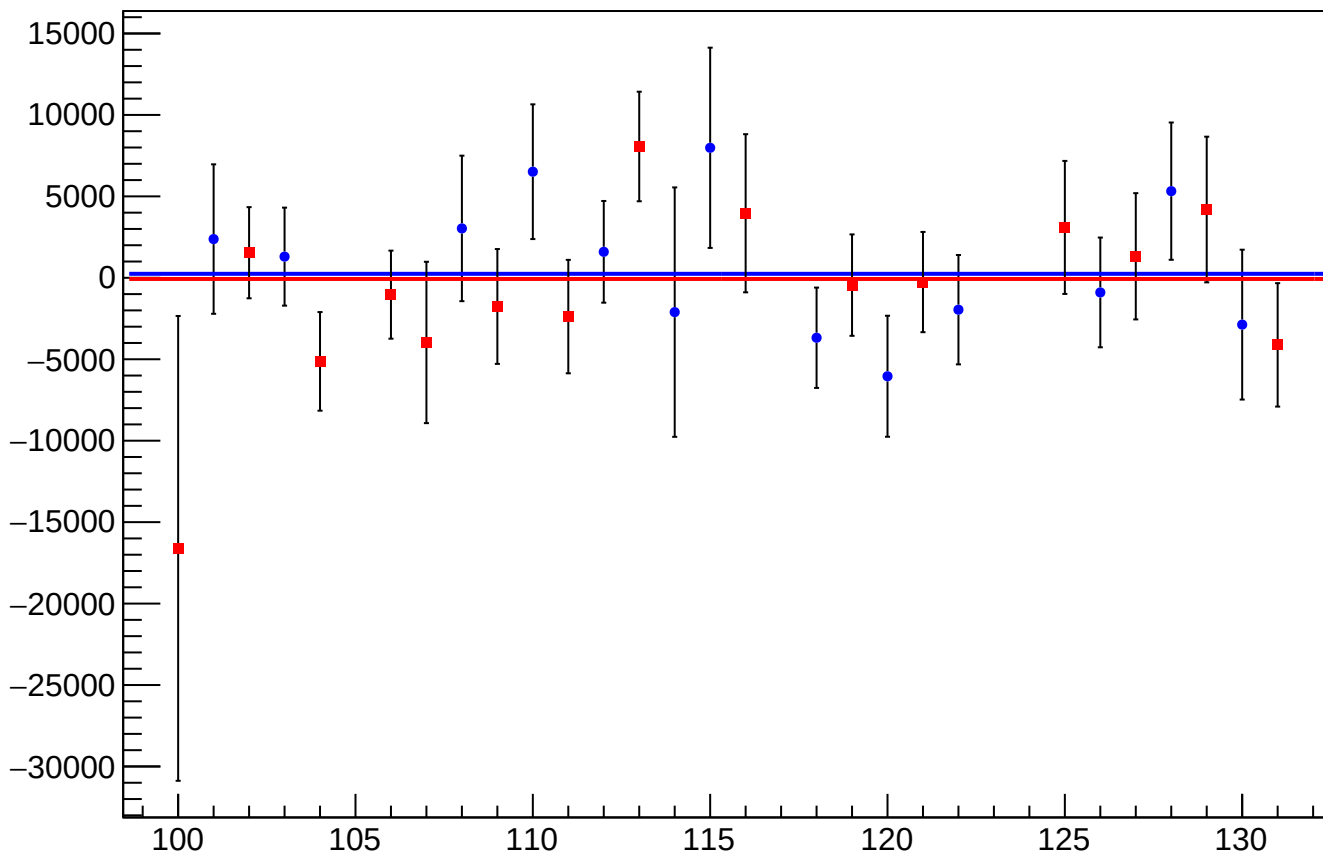
Right: 837.136+/-0.176 χ^2/NDF : 265245.5/27

In: 840.255+/-0.256 χ^2/NDF : 192615.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.136+/-0.176 χ^2/NDF : 265245.5/27

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 245.625+/-1071.504 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.360+/-925.231 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

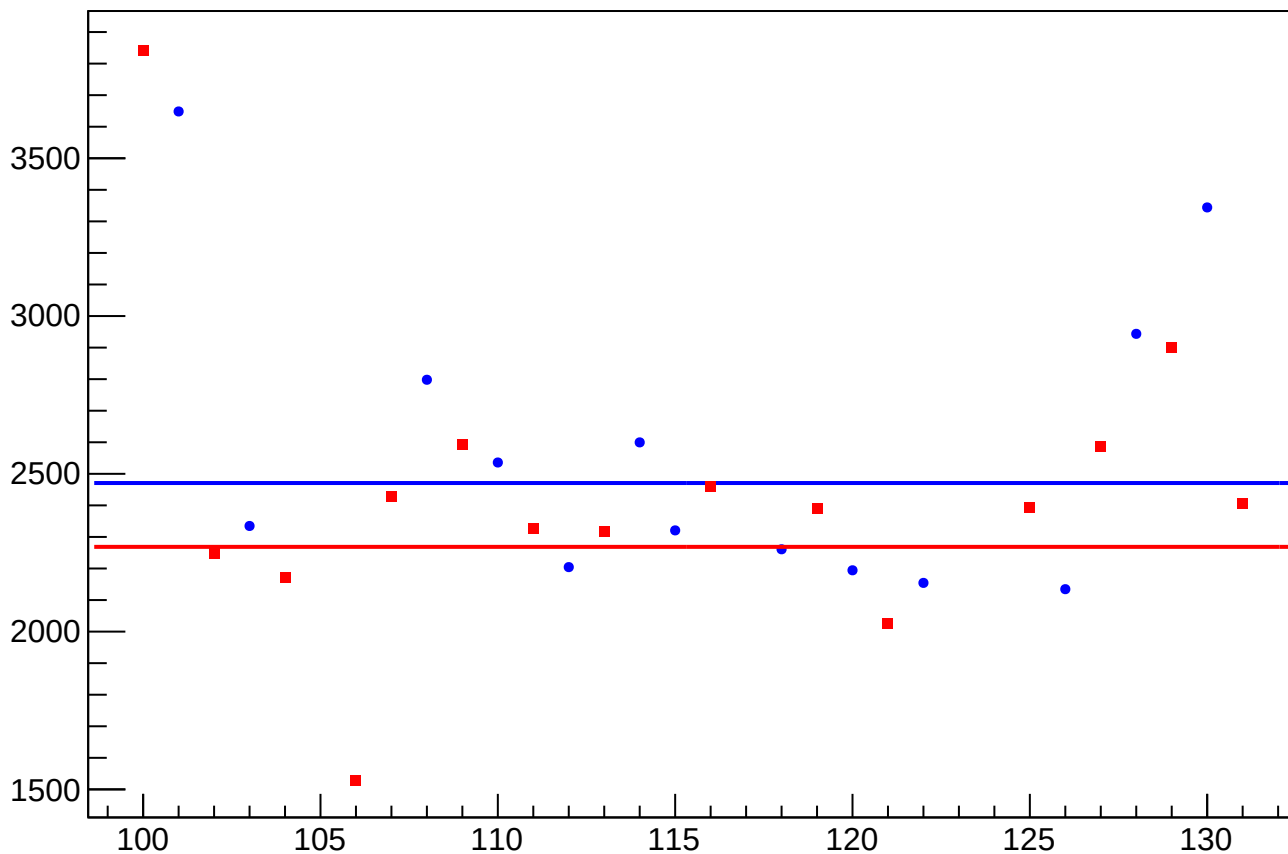
Right: 64.608+/-700.287 χ^2/NDF : 27.1/27

In: 245.625+/-1071.504 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.608+/-700.287 χ^2/NDF : 27.1/27

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2470.860+/-0.758 χ^2/NDF : 318734.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2268.558+/-0.654 χ^2/NDF : 272691.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

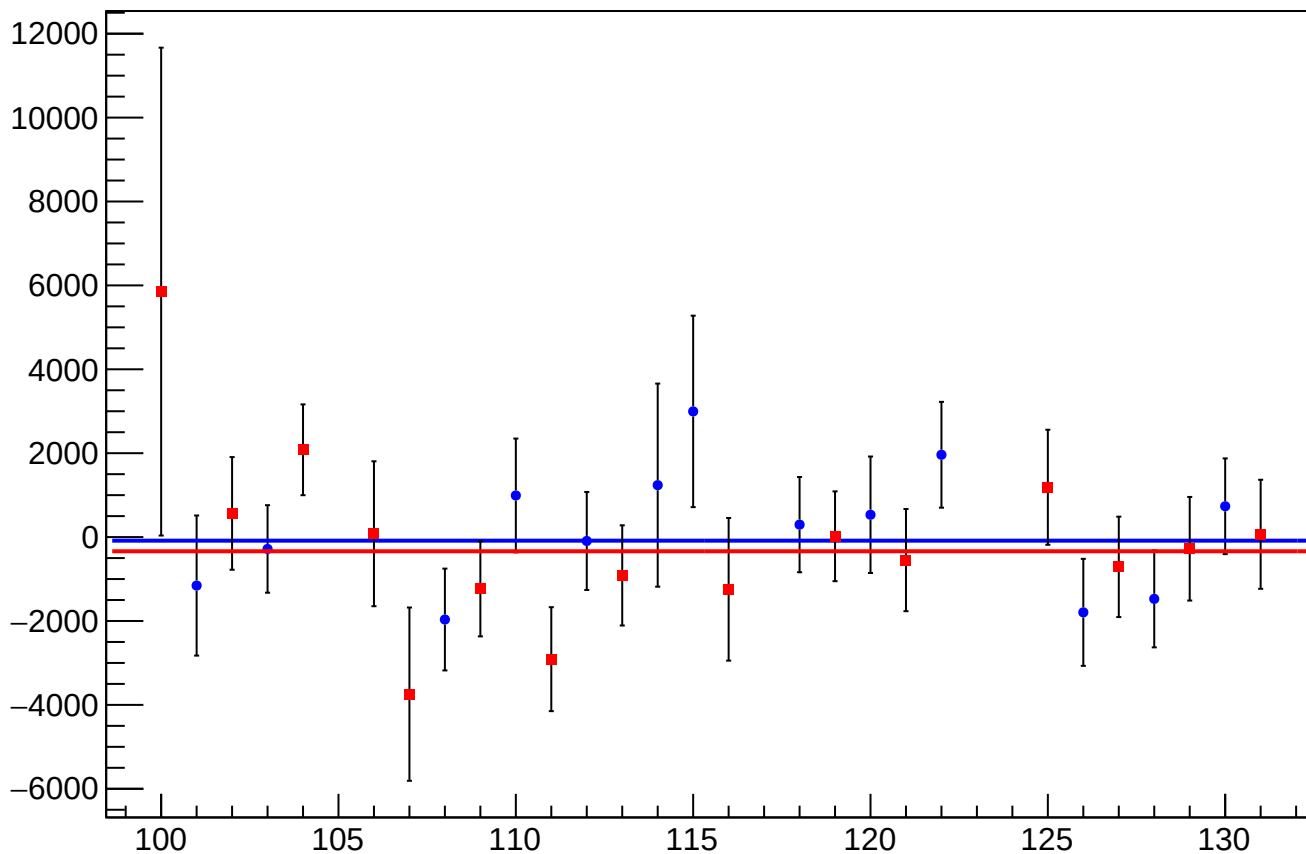
Right: 2354.968+/-0.495 χ^2/NDF : 632266.4/27

In: 2470.860+/-0.758 χ^2/NDF : 318734.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.968+/-0.495 χ^2/NDF : 632266.4/27

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -85.138+/-361.520 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -337.714+/-342.807 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

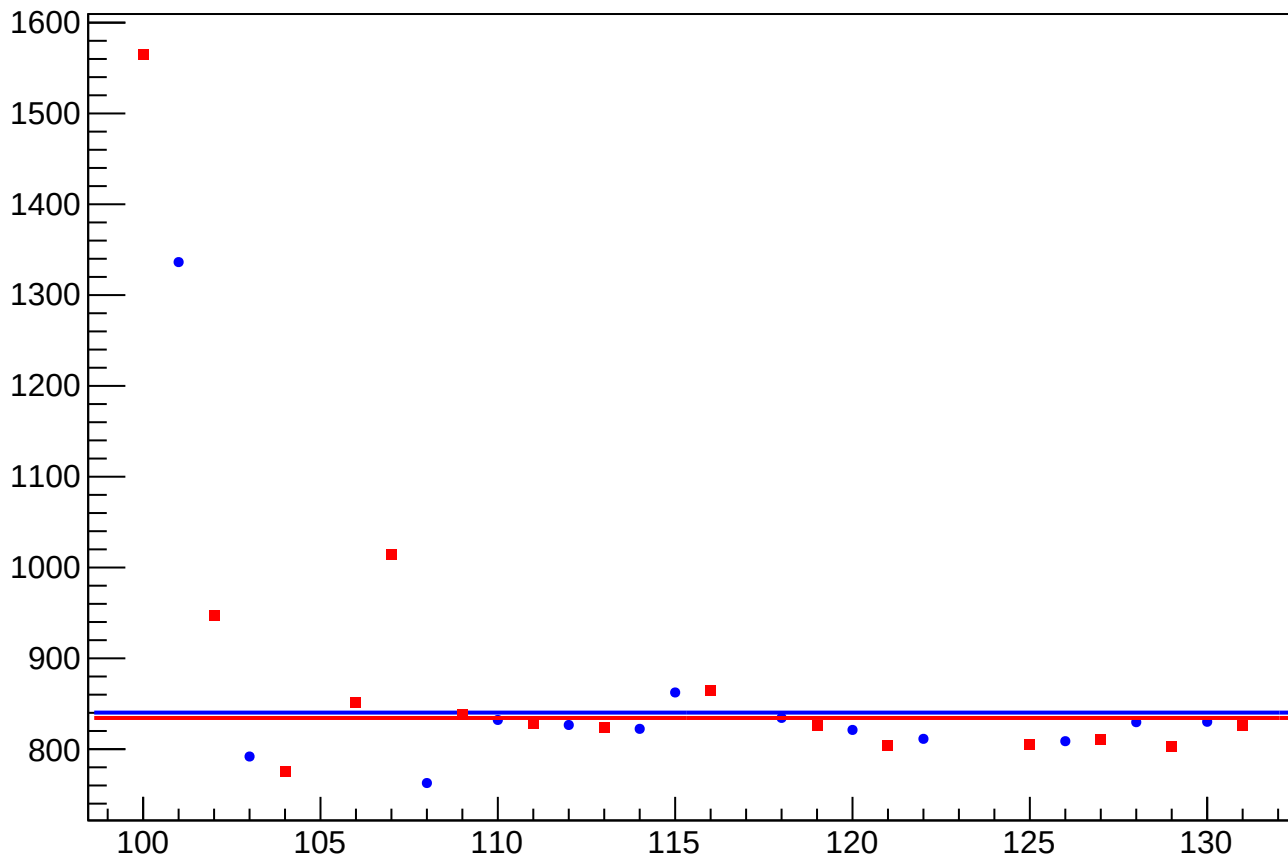
Right: -218.132+/-248.754 χ^2/NDF : 28.9/27

In: -85.138+/-361.520 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.132+/-248.754 χ^2/NDF : 28.9/27

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 840.255+/-0.256 χ^2/NDF : 192614.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.338+/-0.242 χ^2/NDF : 72347.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

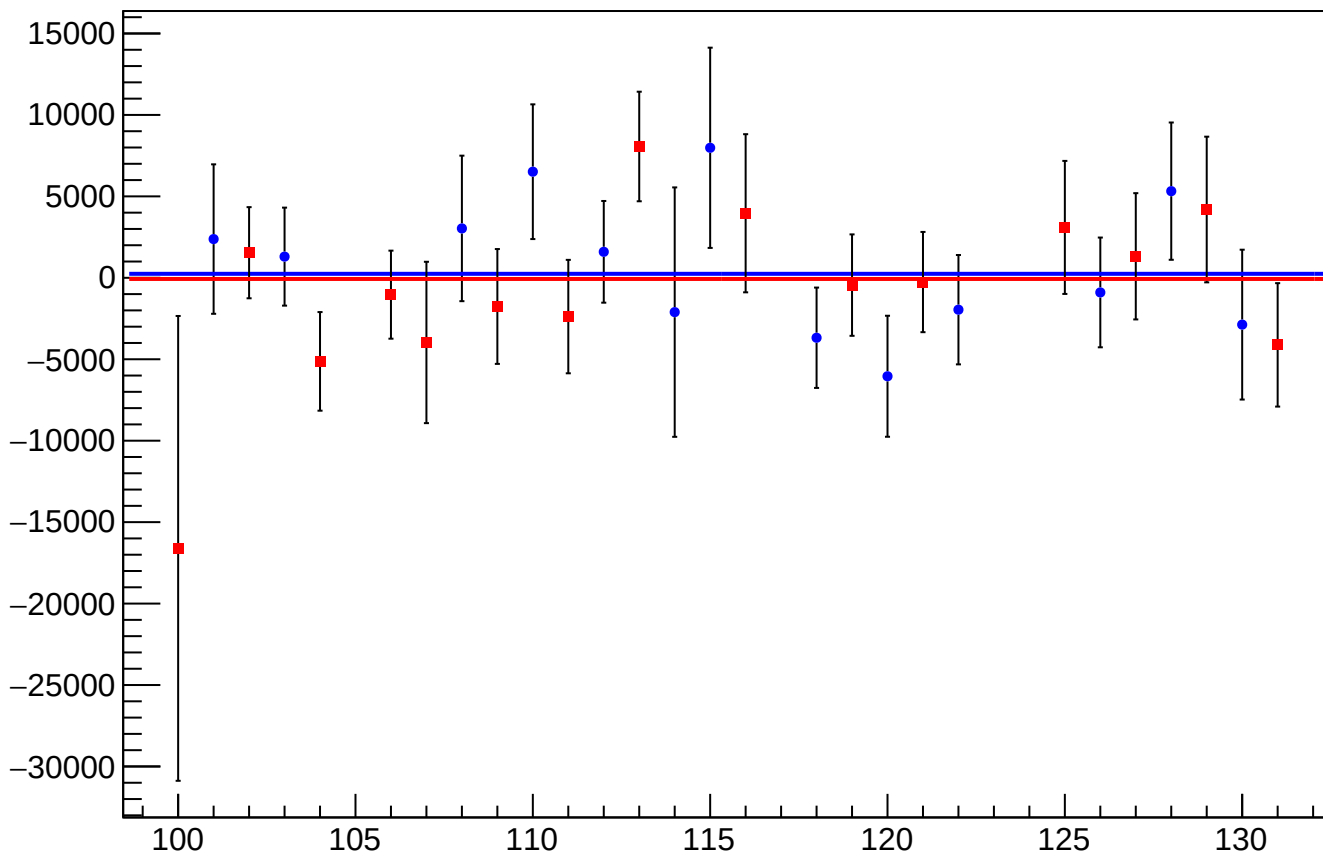
Right: 837.136+/-0.176 χ^2/NDF : 265245.0/27

In: 840.255+/-0.256 χ^2/NDF : 192614.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.136+/-0.176 χ^2/NDF : 265245.0/27

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 245.620+/-1071.500 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.362+/-925.229 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

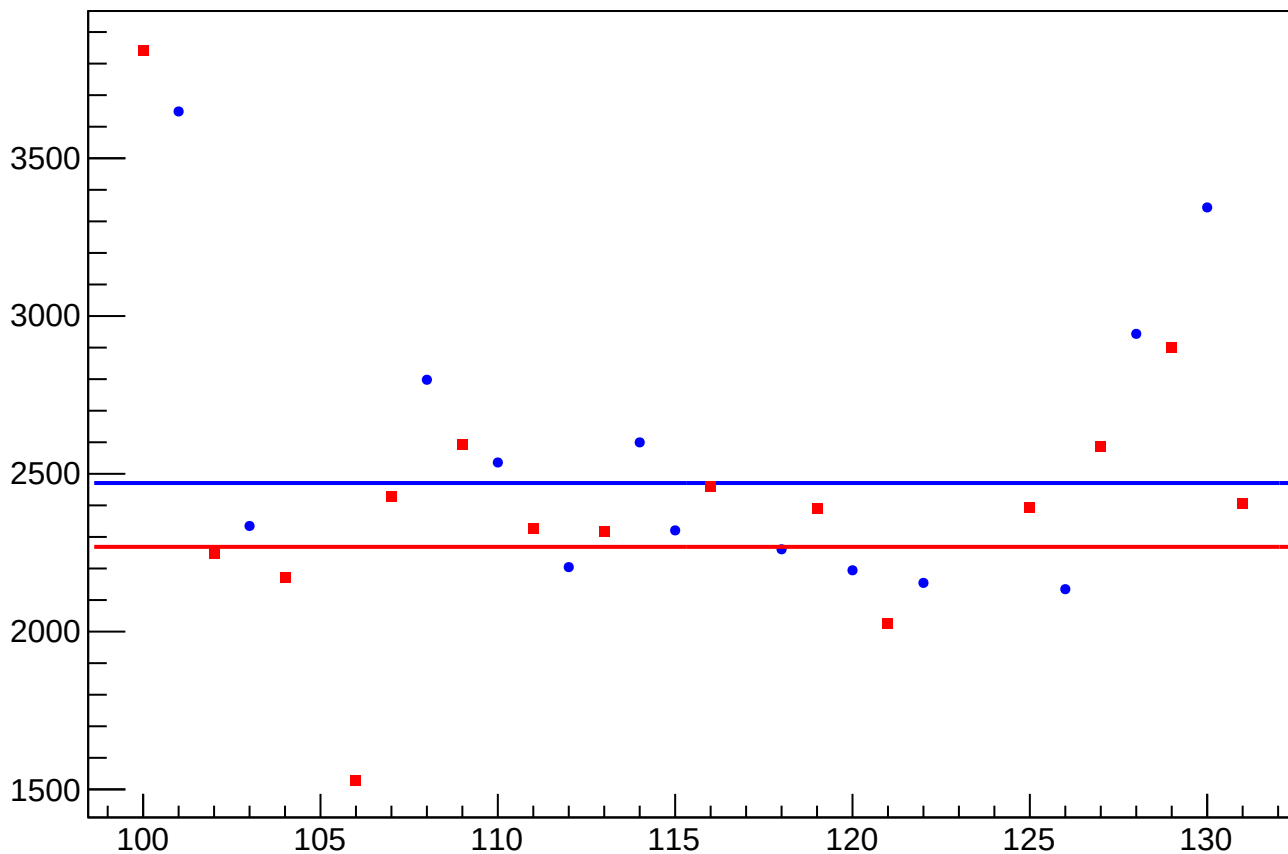
Right: 64.605+/-700.285 χ^2/NDF : 27.1/27

In: 245.620+/-1071.500 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.605+/-700.285 χ^2/NDF : 27.1/27

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2470.851+/-0.758 χ^2/NDF : 318736.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2268.552+/-0.654 χ^2/NDF : 272692.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

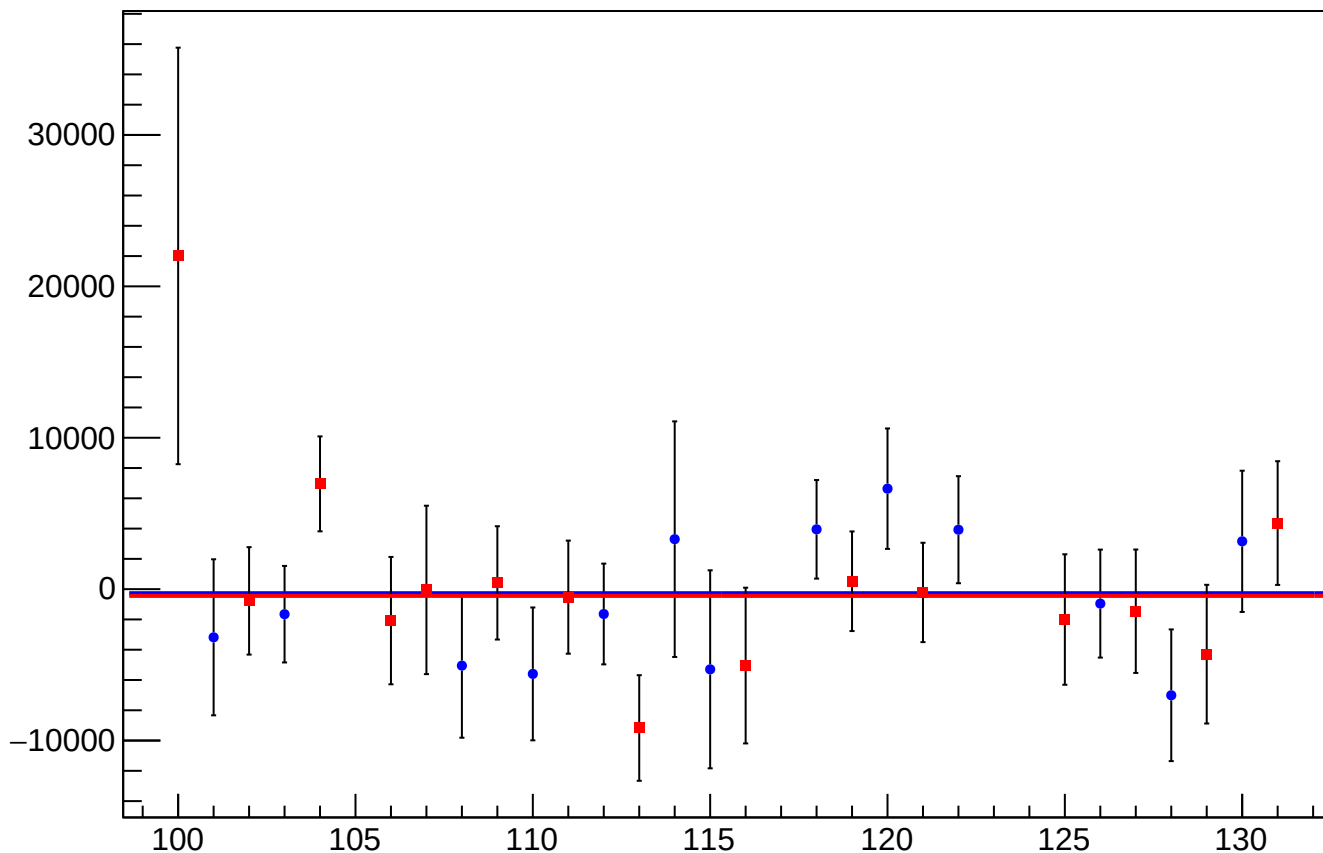
Right: 2354.961+/-0.495 χ^2/NDF : 632268.9/27

In: 2470.851+/-0.758 χ^2/NDF : 318736.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.961+/-0.495 χ^2/NDF : 632268.9/27

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -266.752+/-1134.278 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.794+/-1028.518 χ^2/NDF : 17.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

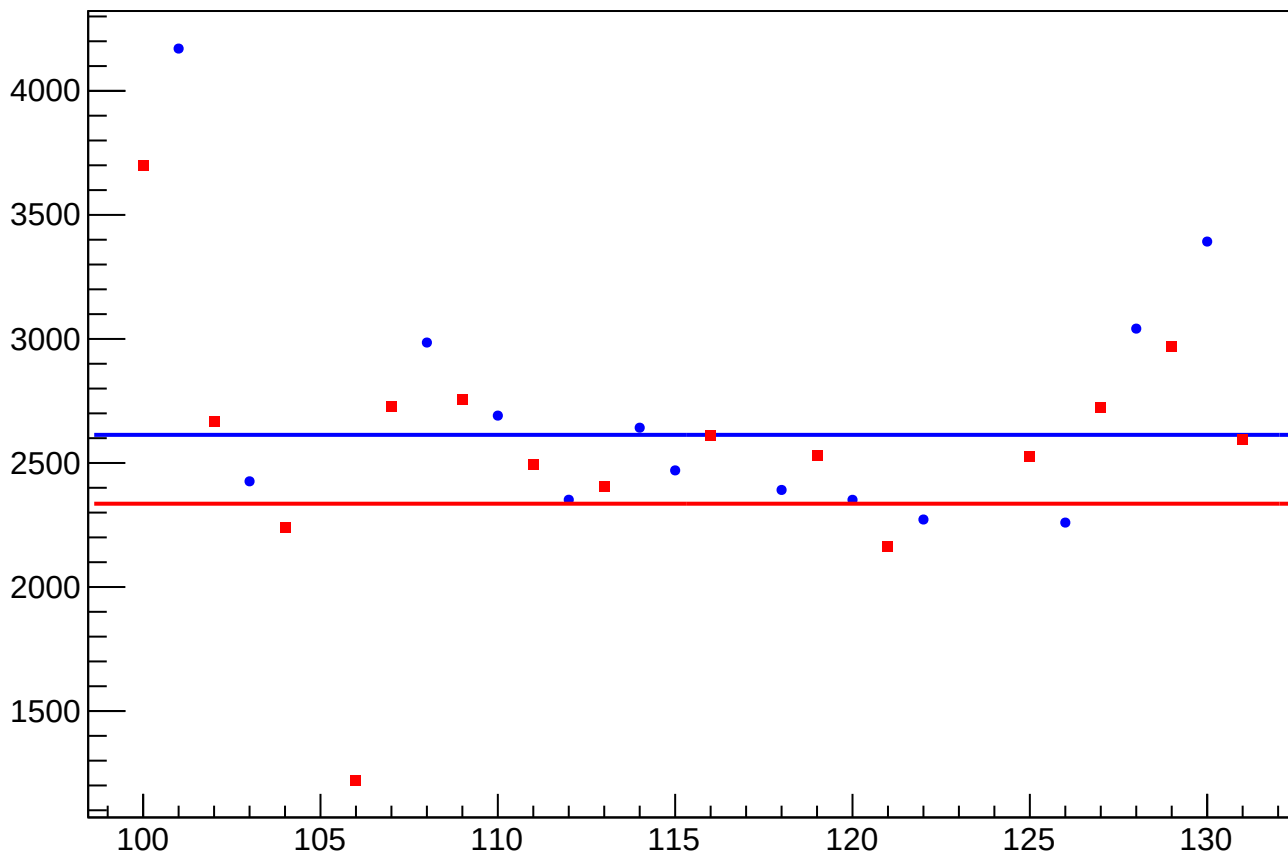
Right: -364.458+/-761.925 χ^2/NDF : 30.9/27

In: -266.752+/-1134.278 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.458+/-761.925 χ^2/NDF : 30.9/27

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2613.372+/-0.802 χ^2/NDF : 347137.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2335.823+/-0.691 χ^2/NDF : 556174.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

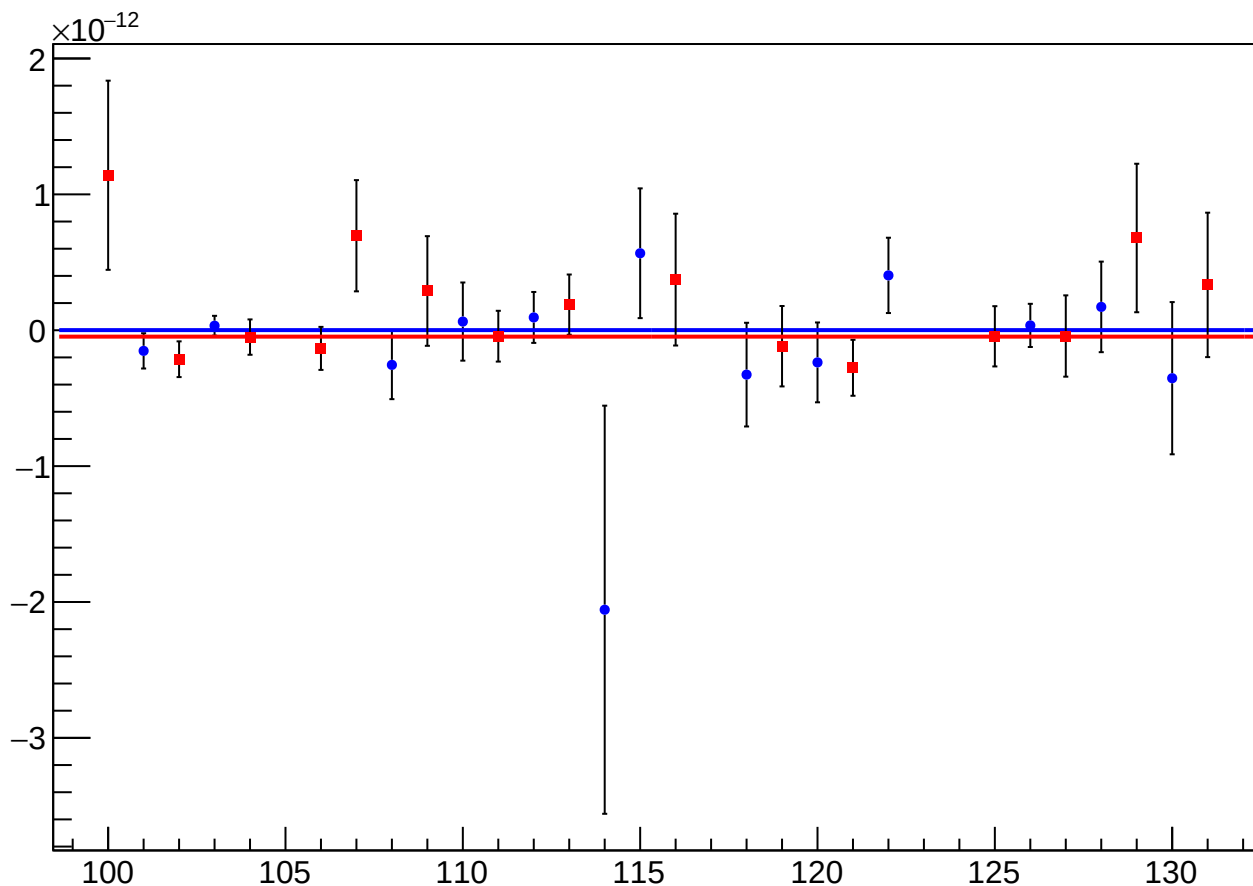
Right: 2454.157+/-0.524 χ^2/NDF : 972005.3/27

In: 2613.372+/-0.802 χ^2/NDF : 347137.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2454.157+/-0.524 χ^2/NDF : 972005.3/27

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

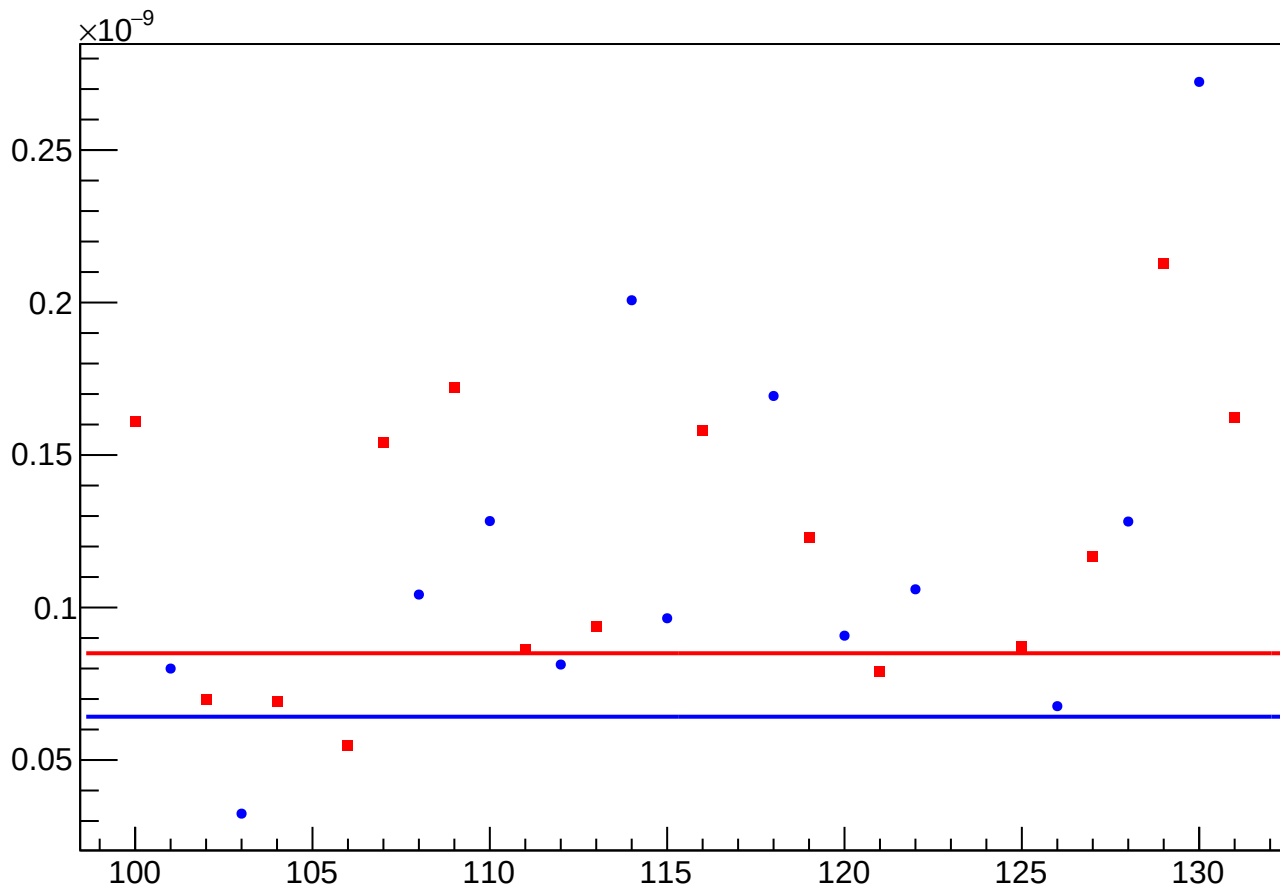
Right: -0.000+/-0.000 χ^2/NDF : 25.0/27

In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.0/27

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1166650.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 560528.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

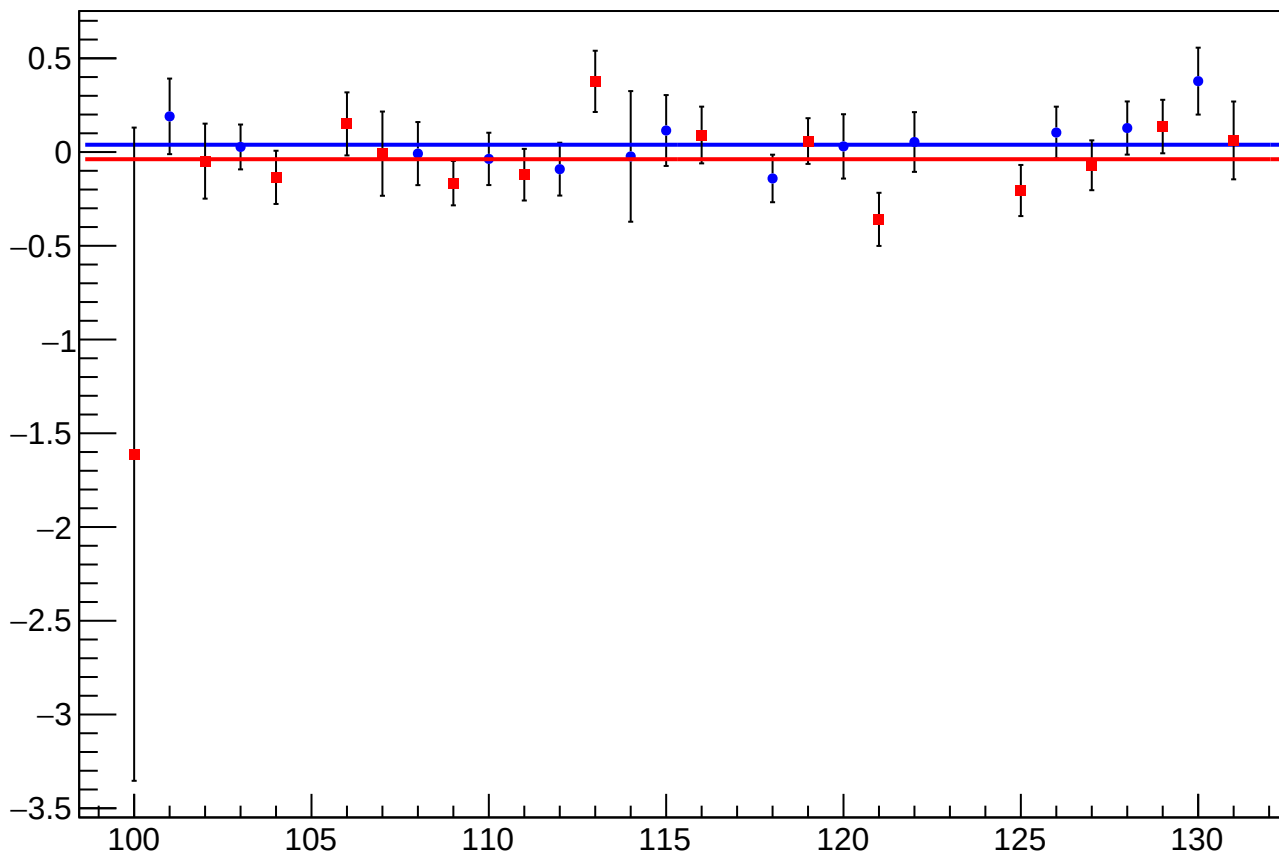
Right: 0.000+/-0.000 χ^2/NDF : 1873617.1/27

In: 0.000+/-0.000 χ^2/NDF : 1166650.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1873617.1/27

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.043 χ^2 /NDF: 8.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.038+/-0.040 χ^2 /NDF: 20.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

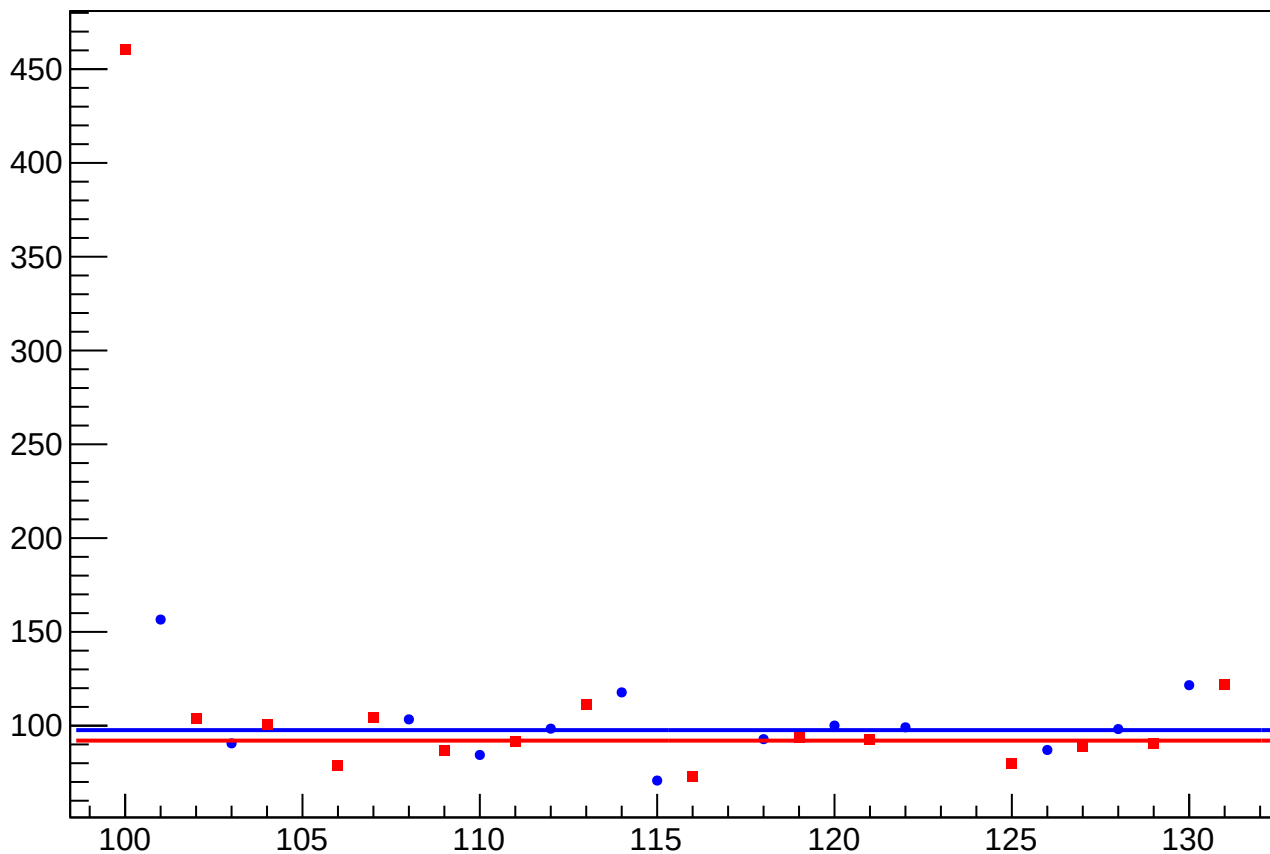
Right: -0.003+/-0.029 χ^2 /NDF: 30.3/27

In: 0.039+/-0.043 χ^2 /NDF:8.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.003+/-0.029 χ^2 /NDF: 30.3/27

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.044+/-0.028 χ^2/NDF : 243723.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

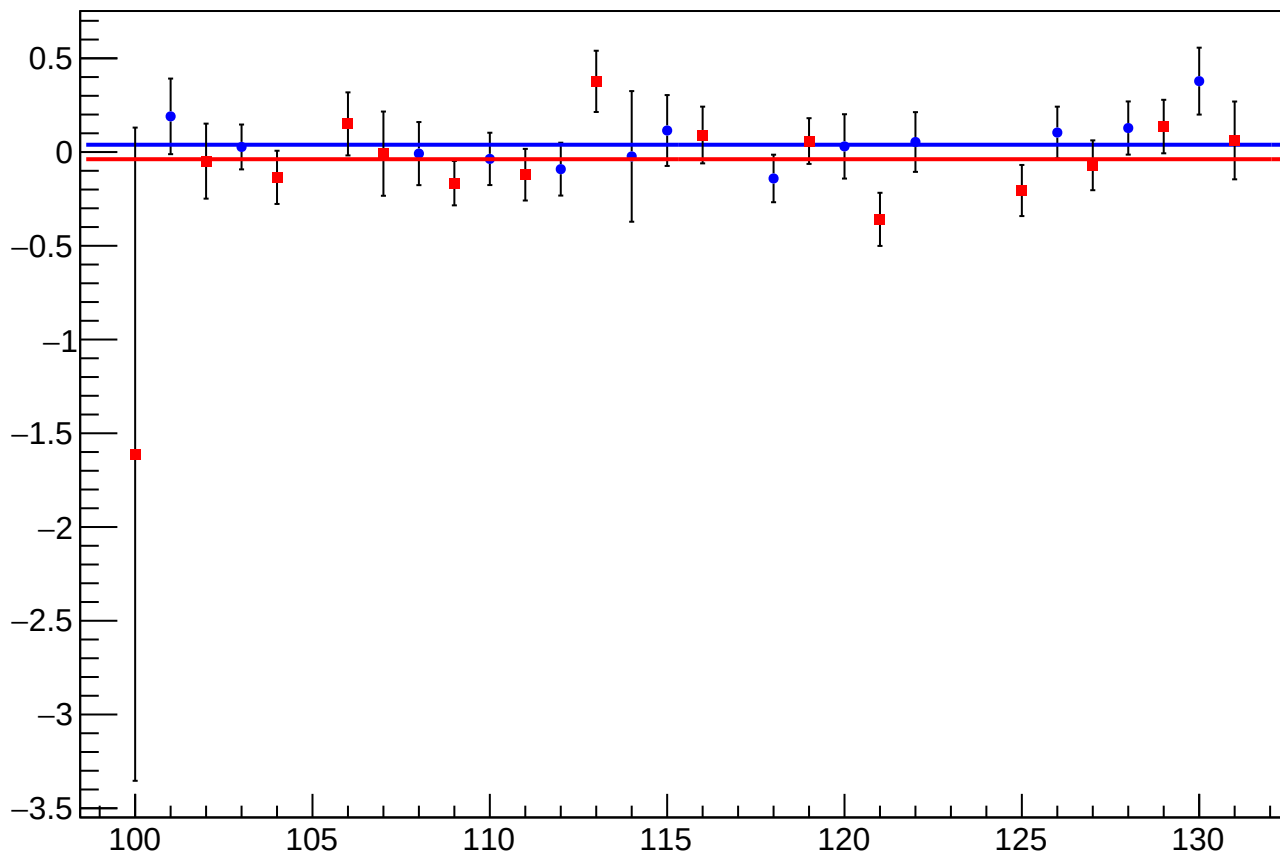
Right: 94.605+/-0.021 χ^2/NDF : 558620.6/27

In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.605+/-0.021 χ^2/NDF : 558620.6/27

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.043 χ^2 /NDF: 8.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.038+/-0.040 χ^2 /NDF: 20.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

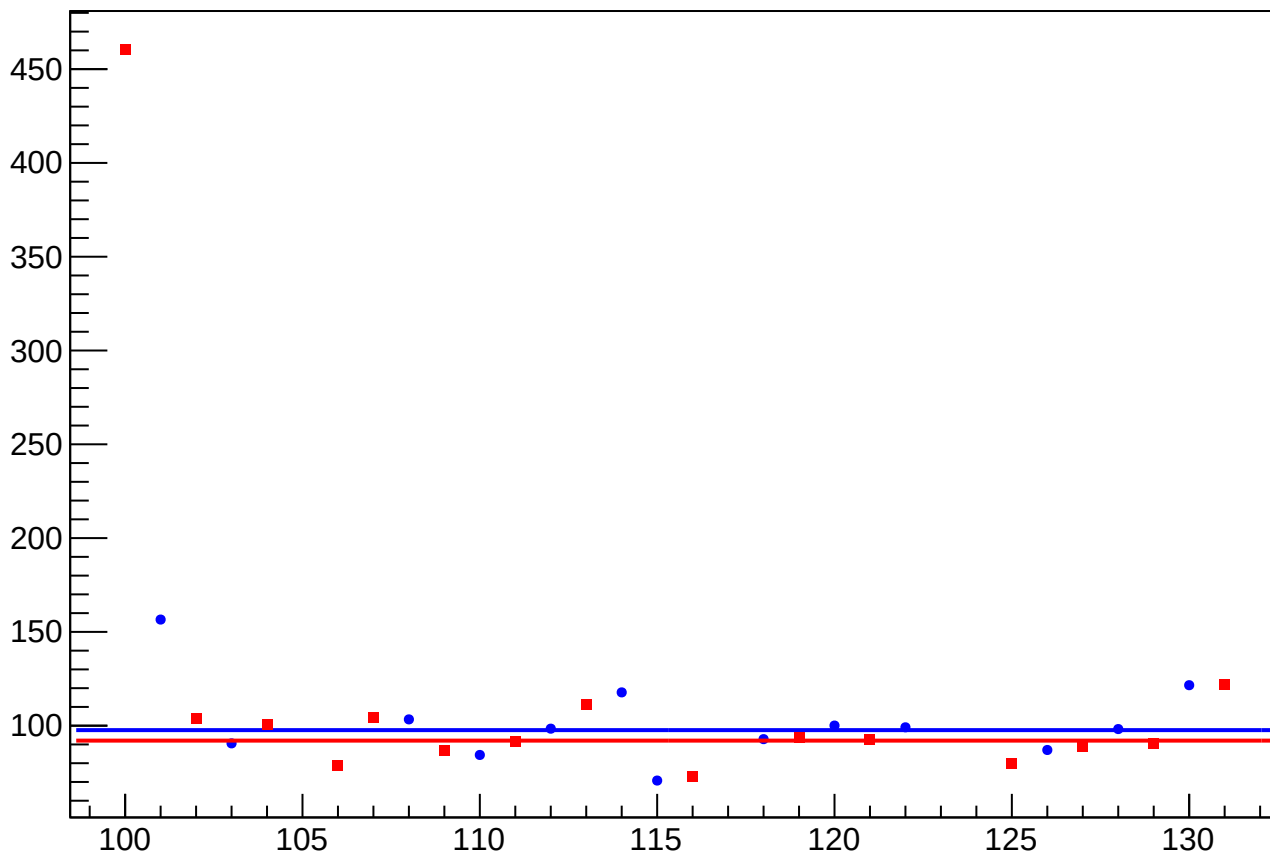
Right: -0.003+/-0.029 χ^2 /NDF: 30.3/27

In: 0.039+/-0.043 χ^2 /NDF:8.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.003+/-0.029 χ^2 /NDF: 30.3/27

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.044+/-0.028 χ^2/NDF : 243723.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

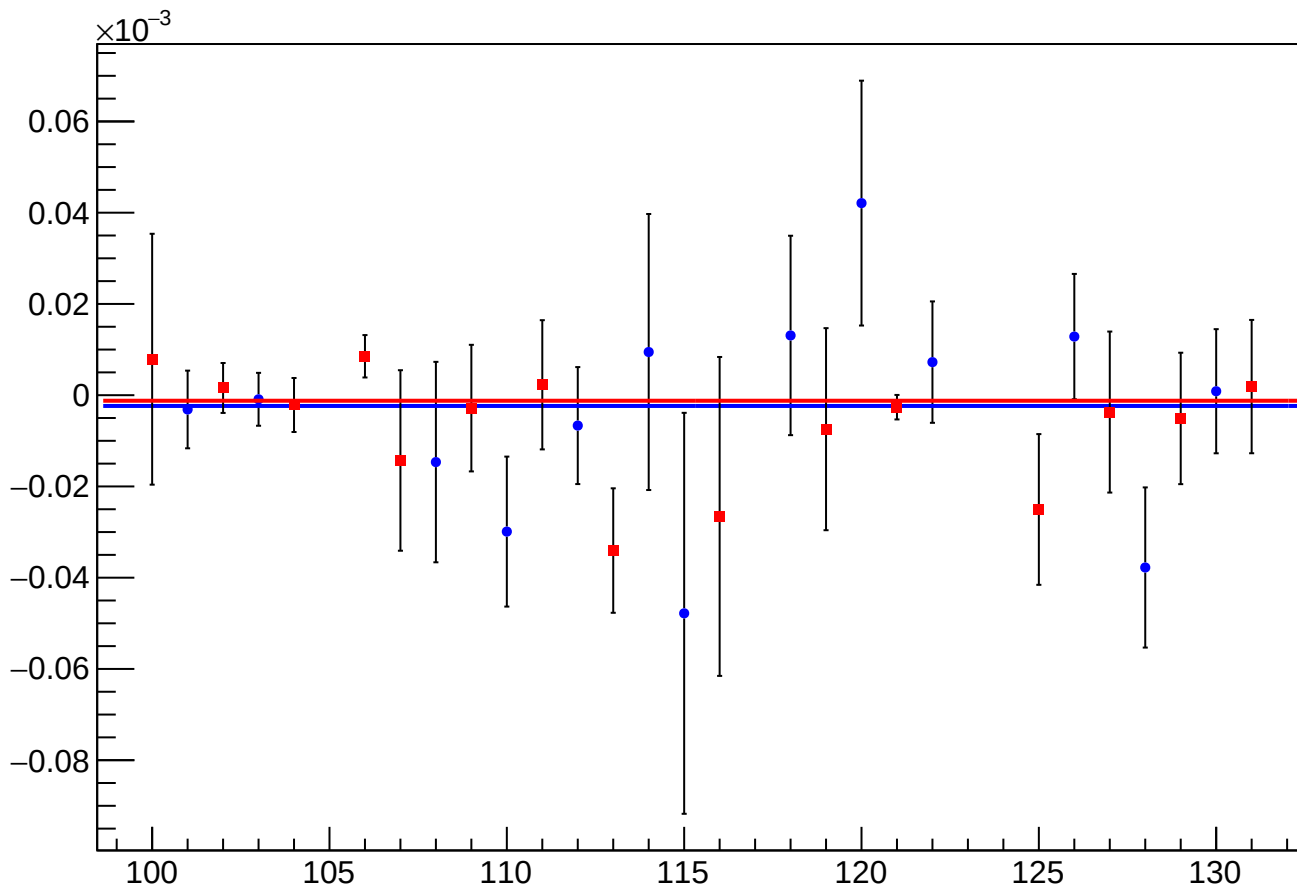
Right: 94.605+/-0.021 χ^2/NDF : 558620.6/27

In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.605+/-0.021 χ^2/NDF : 558620.6/27

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

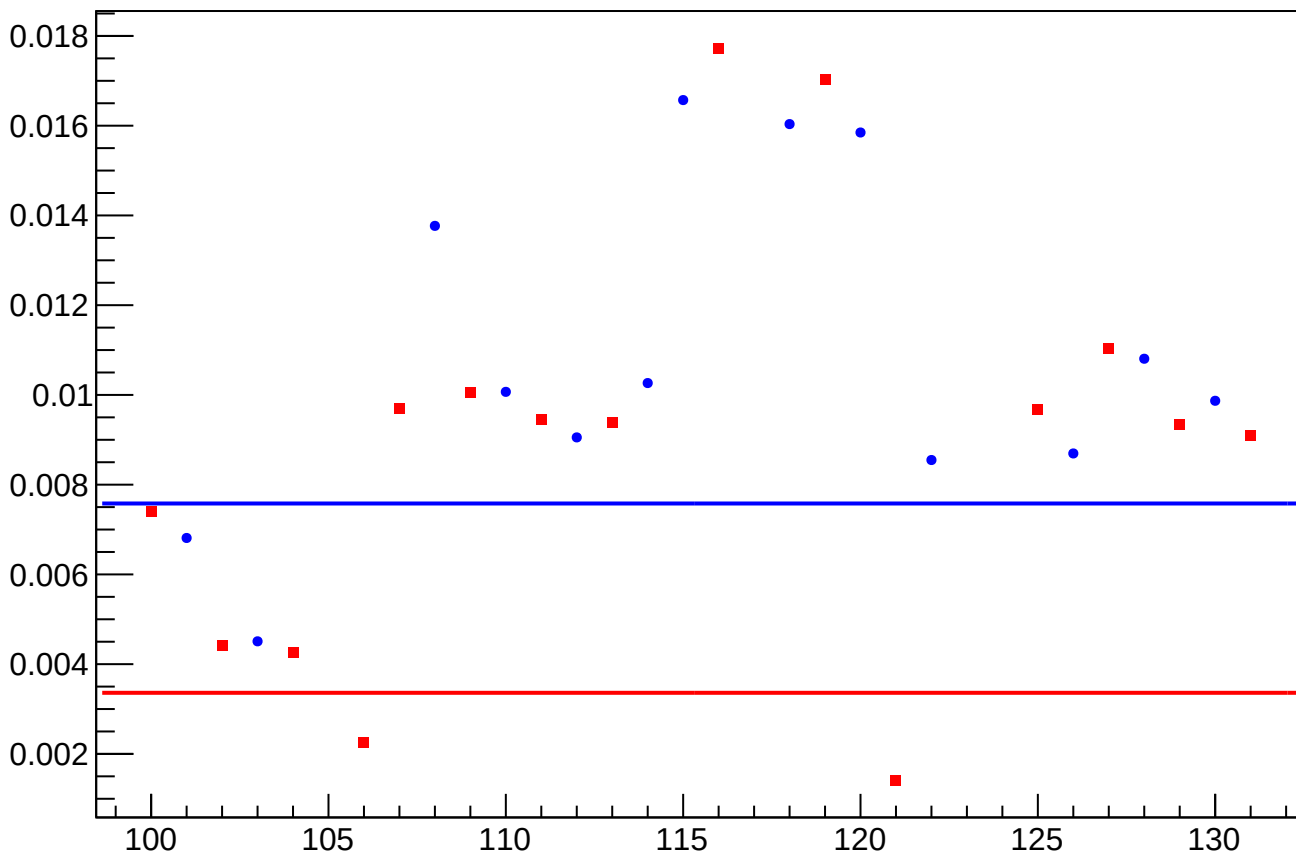
Right: -0.000+/-0.000 χ^2/NDF : 27.9/27

In: -0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.9/27

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 1545334.4/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5195054.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 8967393.1/27

In: 0.008+/-0.000

χ^2/NDF : 1545334.4/12

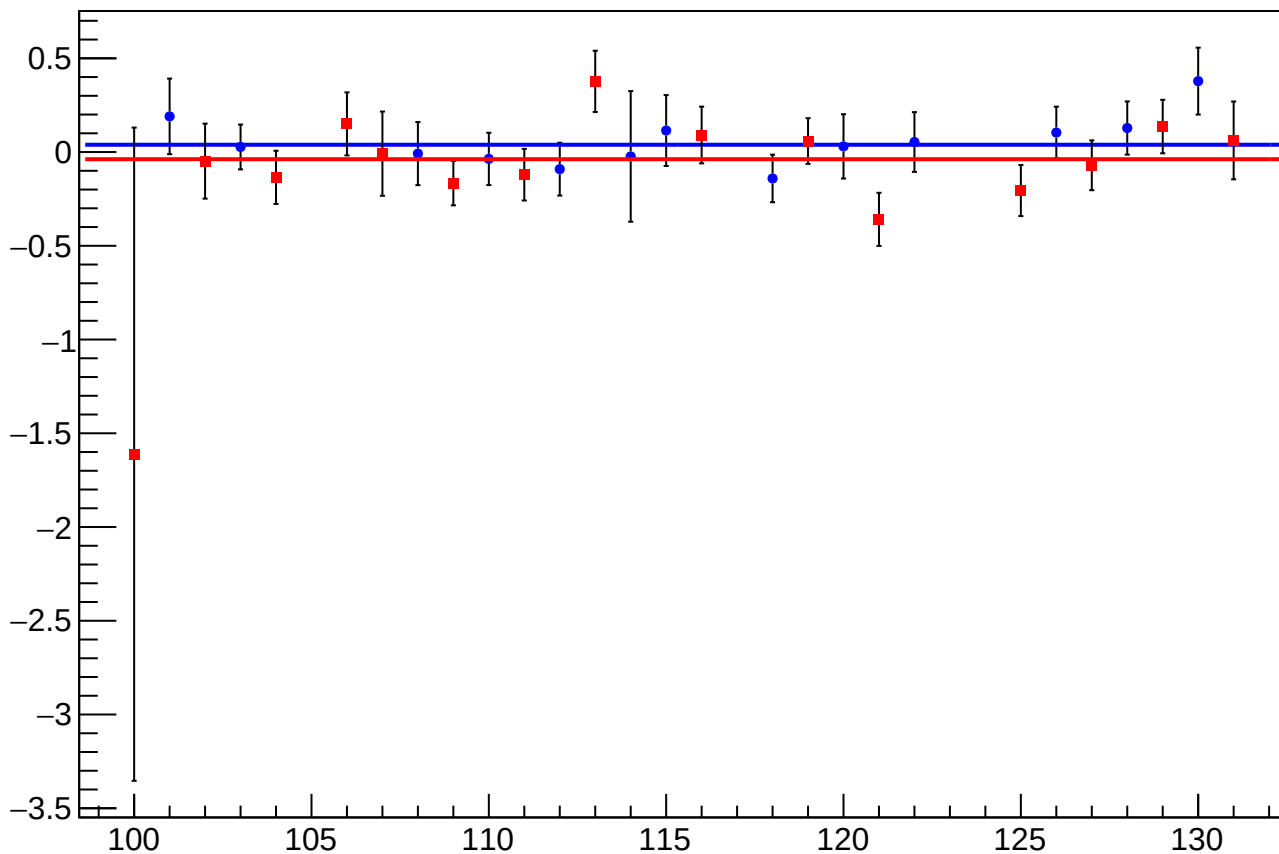
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 8967393.1/27

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.043 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.040 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

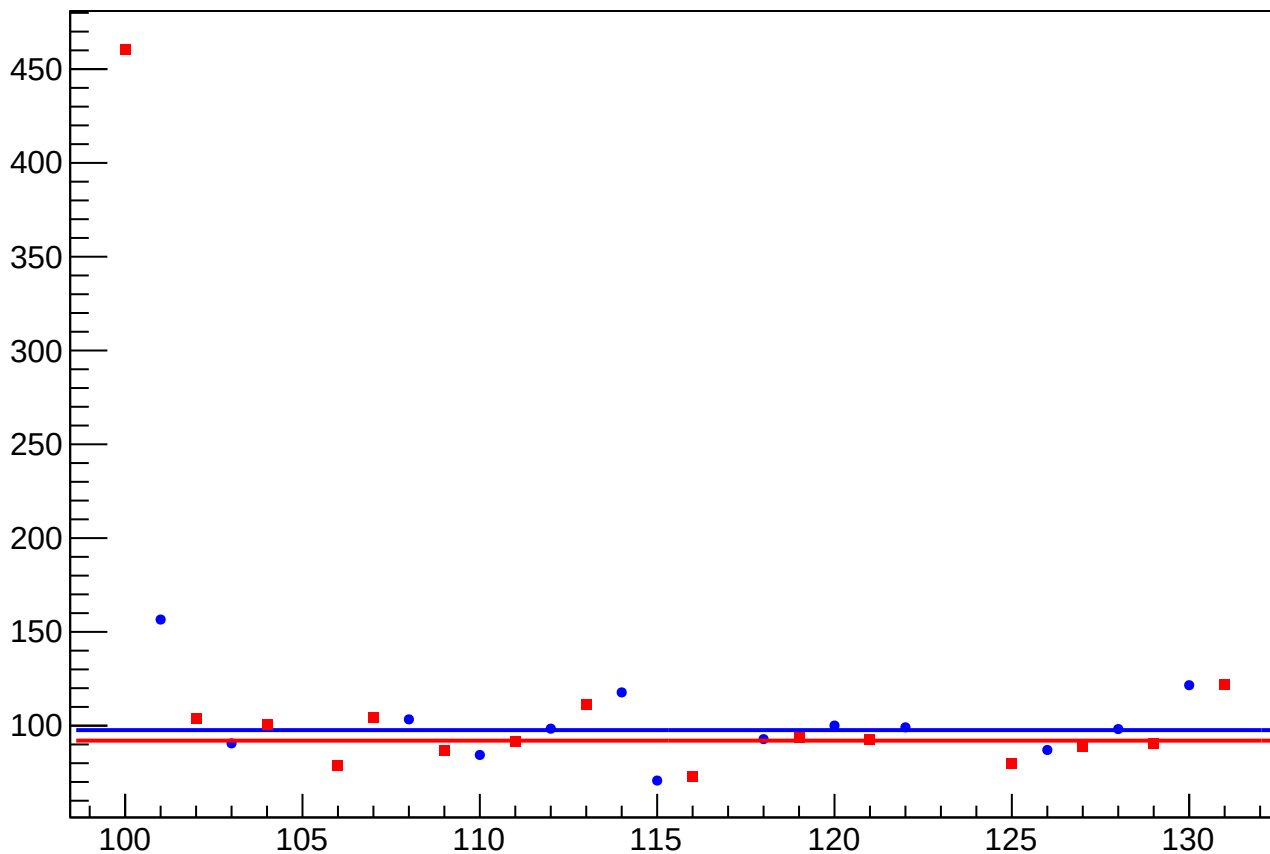
Right: -0.003+/-0.029 χ^2/NDF : 30.3/27

In: 0.039+/-0.043 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.029 χ^2/NDF : 30.3/27

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.045+/-0.028 χ^2/NDF : 243673.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

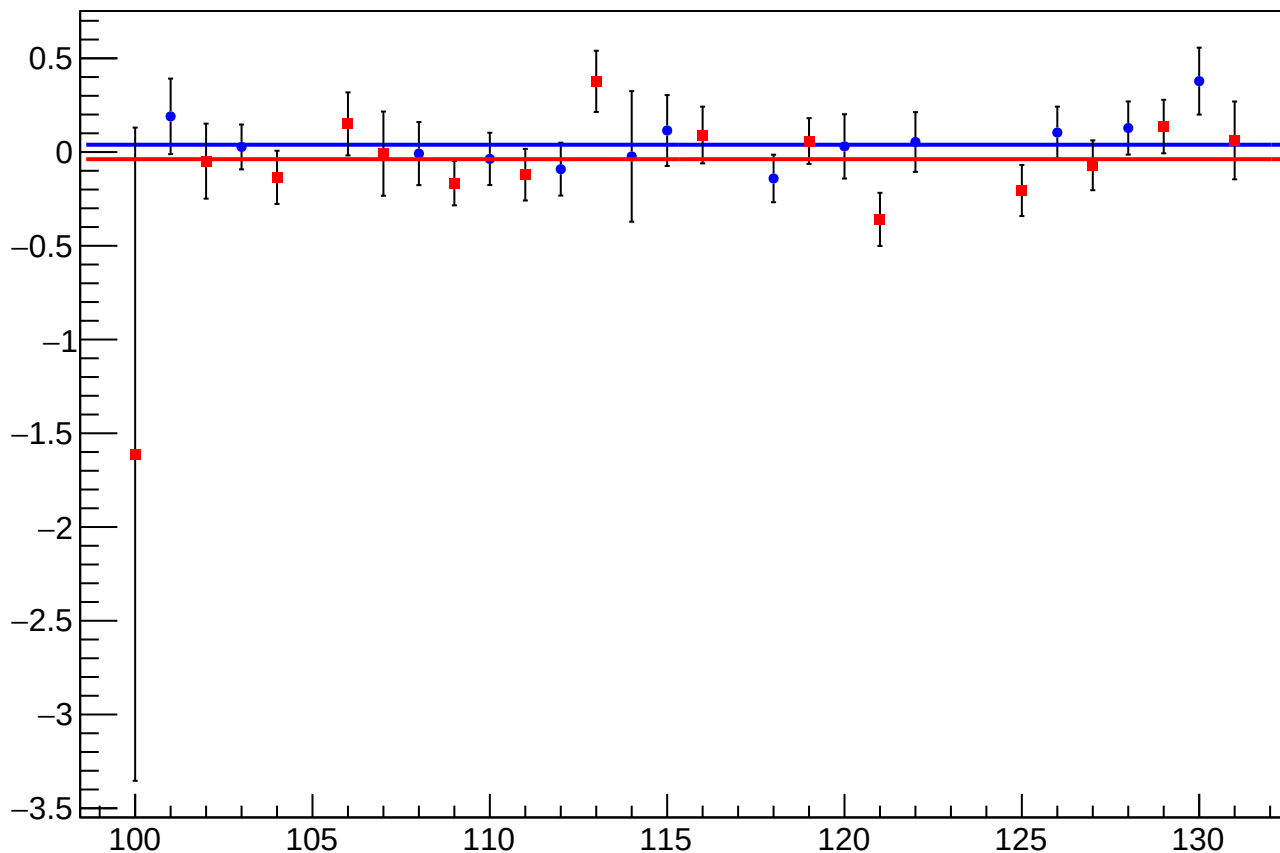
Right: 94.606+/-0.021 χ^2/NDF : 558520.0/27

In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.606+/-0.021 χ^2/NDF : 558520.0/27

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.043 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.040 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

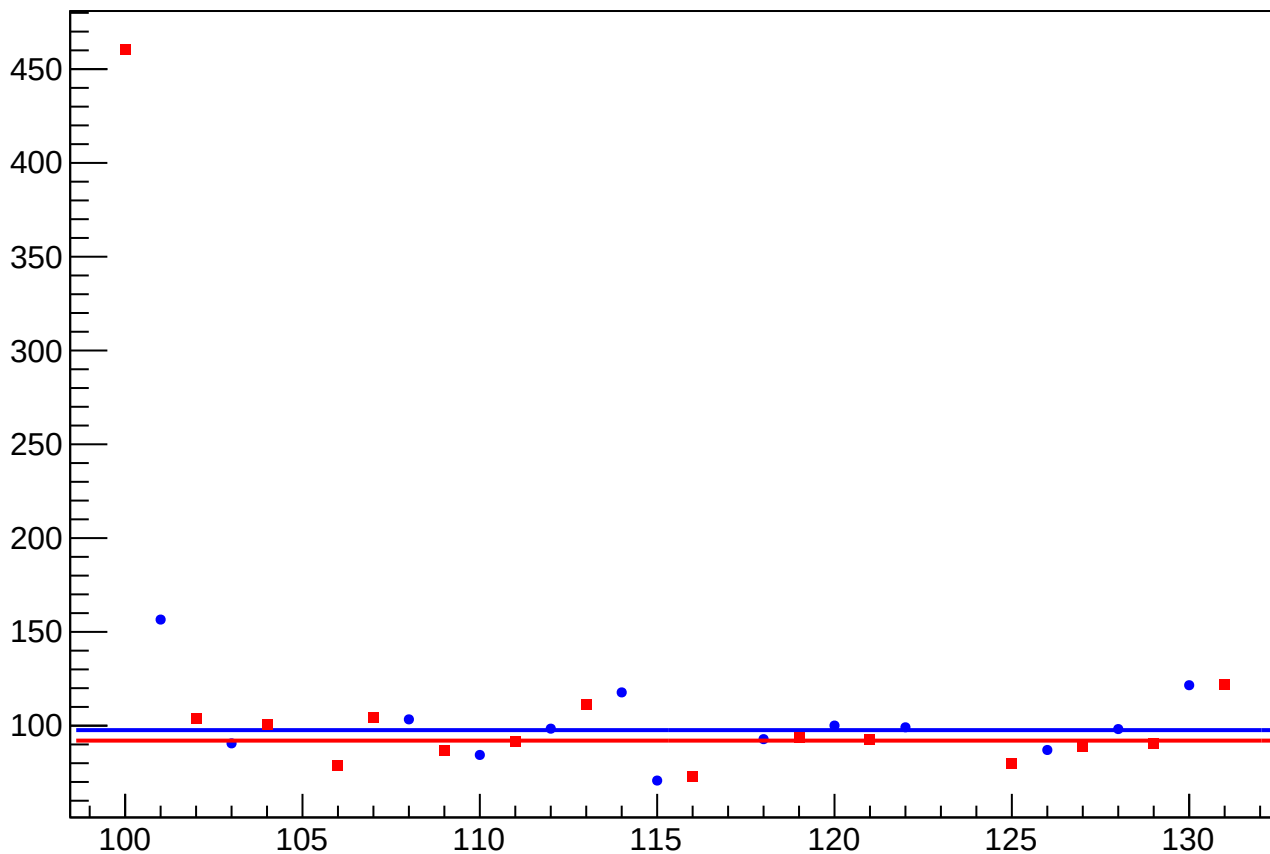
Right: -0.003+/-0.029 χ^2/NDF : 30.3/27

In: 0.039+/-0.043 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.029 χ^2/NDF : 30.3/27

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.045+/-0.028 χ^2/NDF : 243673.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

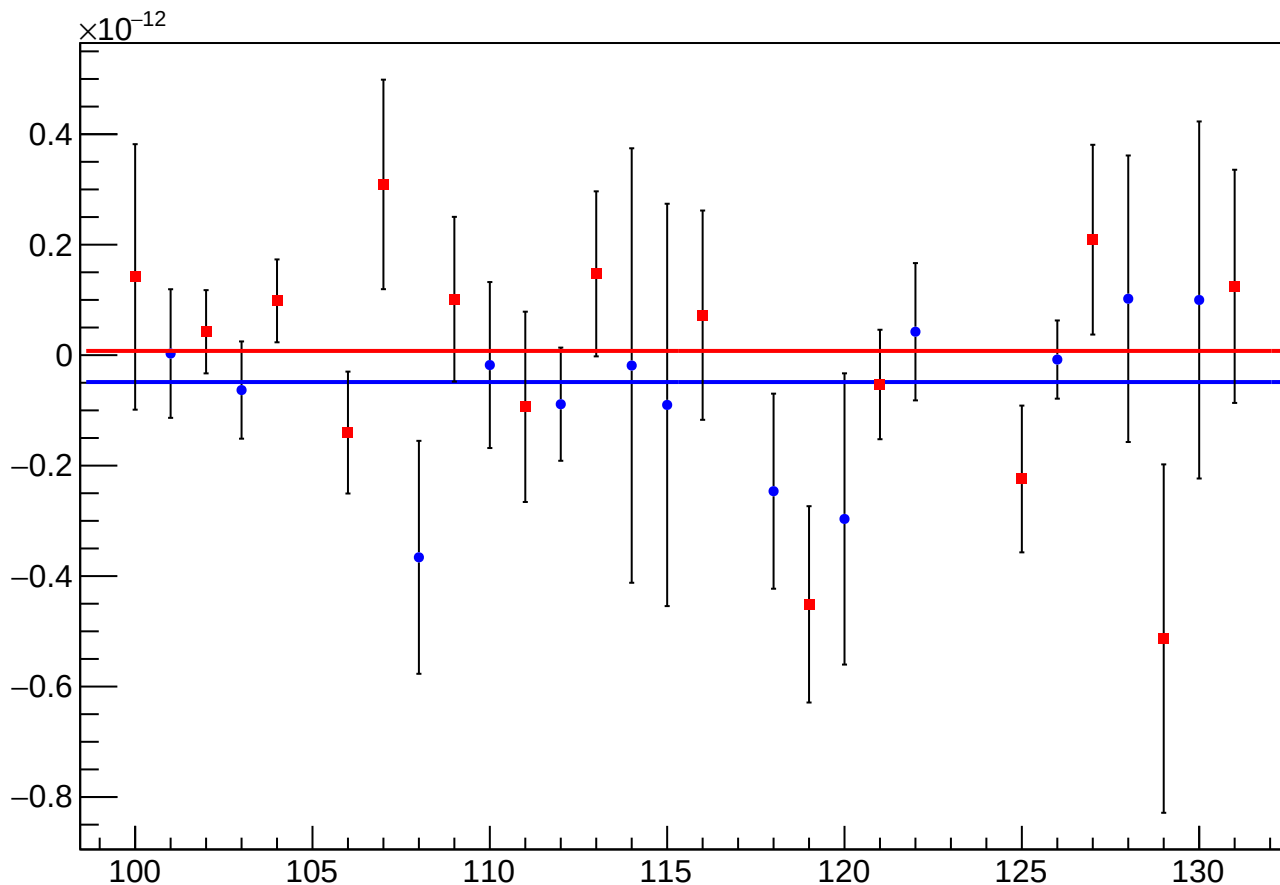
Right: 94.606+/-0.021 χ^2/NDF : 558520.0/27

In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.606+/-0.021 χ^2/NDF : 558520.0/27

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

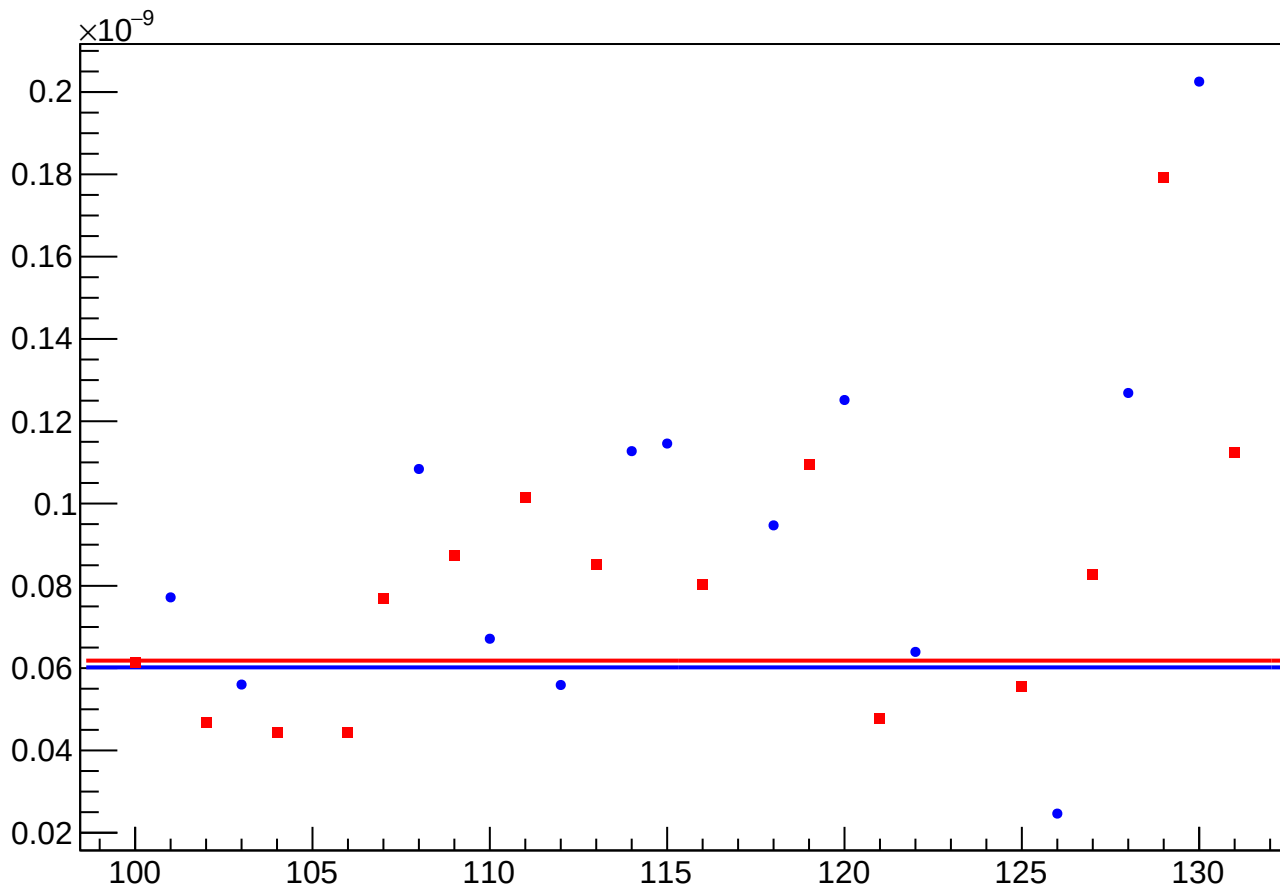
Right: -0.000+/-0.000 χ^2/NDF : 30.0/27

In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.0/27

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1463635.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1096162.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

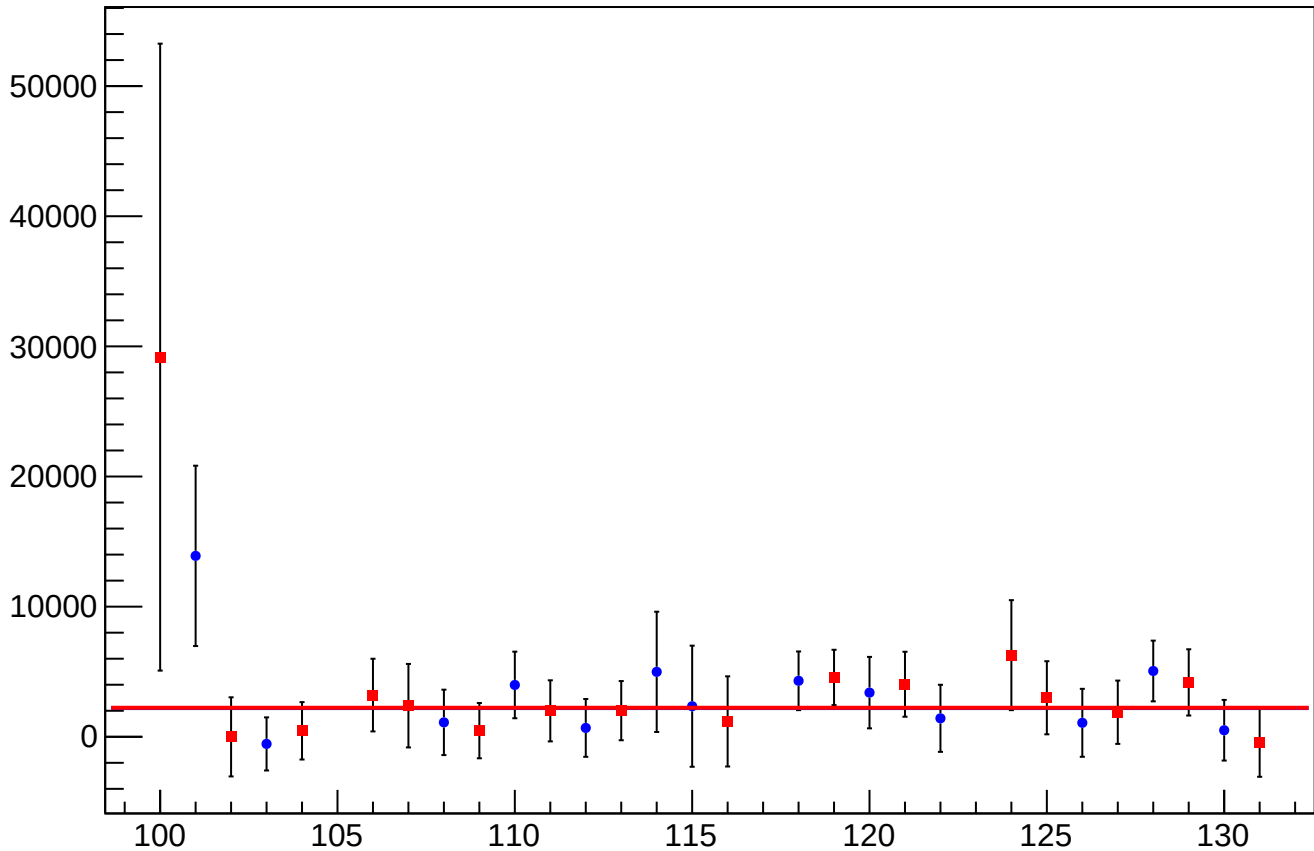
Right: 0.000+/-0.000 χ^2/NDF : 2561932.3/27

In: 0.000+/-0.000 χ^2/NDF : 1463635.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2561932.3/27

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2207.938+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2230.645+/-666.048 χ^2/NDF : 7.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

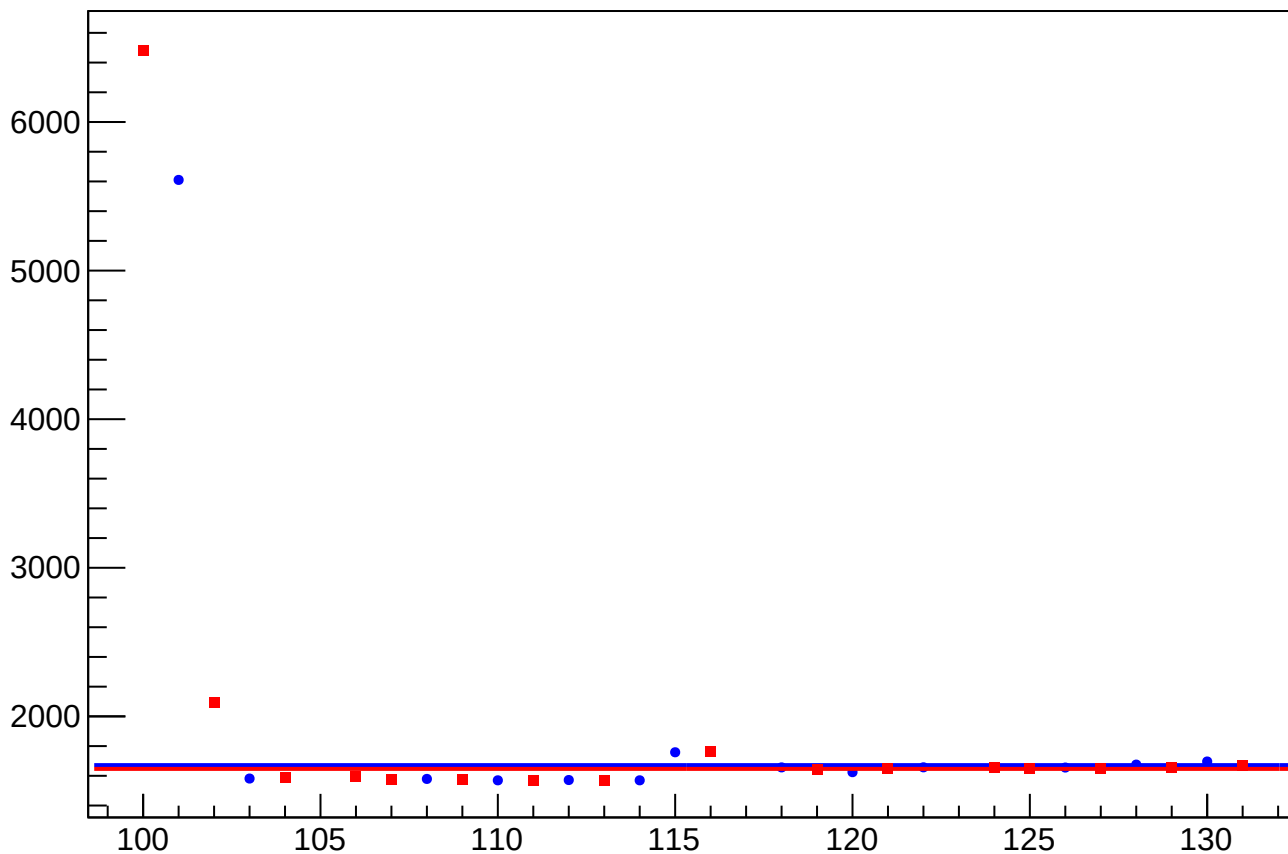
Right: 2220.372+/-492.858 χ^2/NDF : 17.3/28

In: 2207.938+/-732.728 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.372+/-492.858 χ^2/NDF : 17.3/28

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.997+/-0.518 χ^2/NDF : 662810.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.573+/-0.471 χ^2/NDF : 136543.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

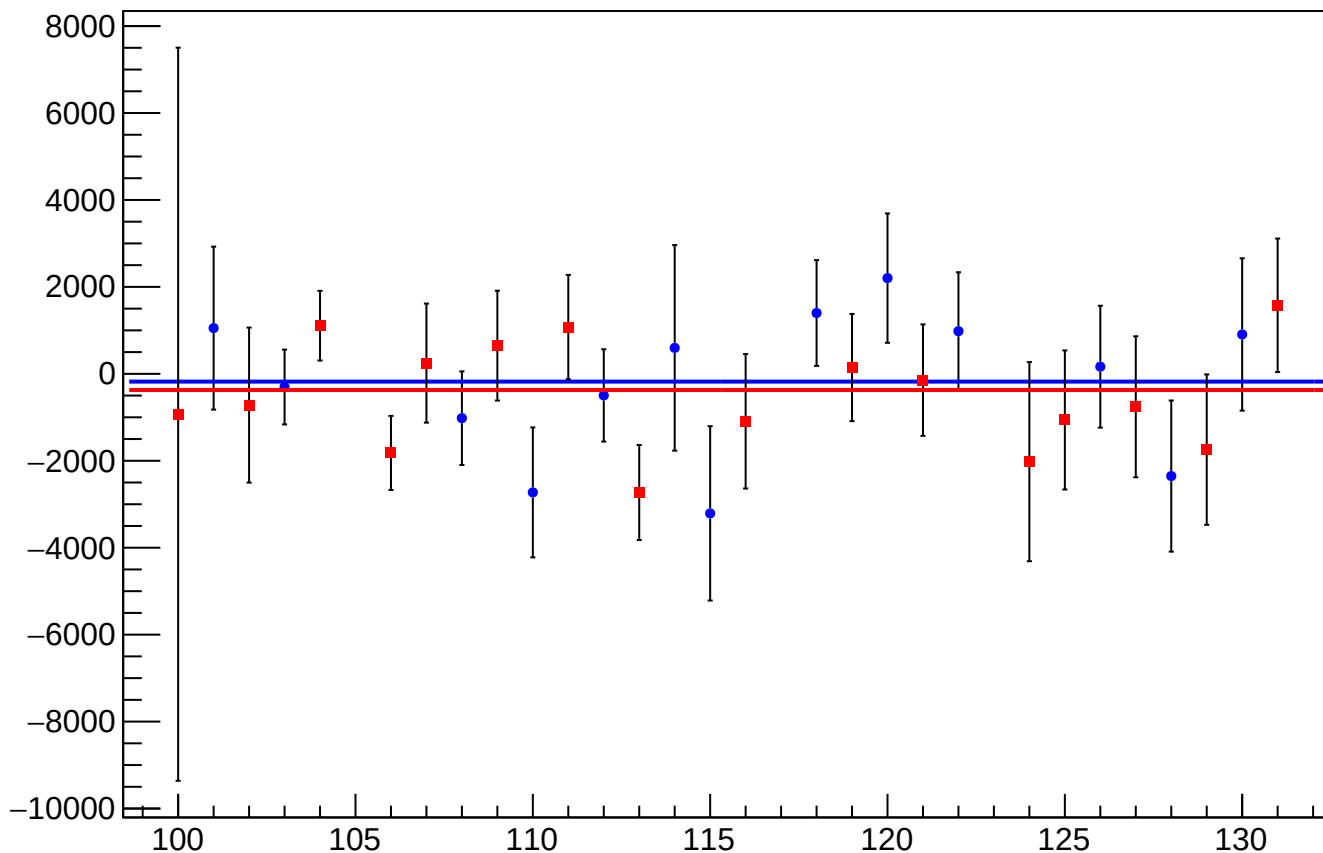
Right: 1658.076+/-0.349 χ^2/NDF : 800673.1/28

In: 1671.997+/-0.518 χ^2/NDF : 662810.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.076+/-0.349 χ^2/NDF : 800673.1/28

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -178.557+/-375.411 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -371.396+/-326.868 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

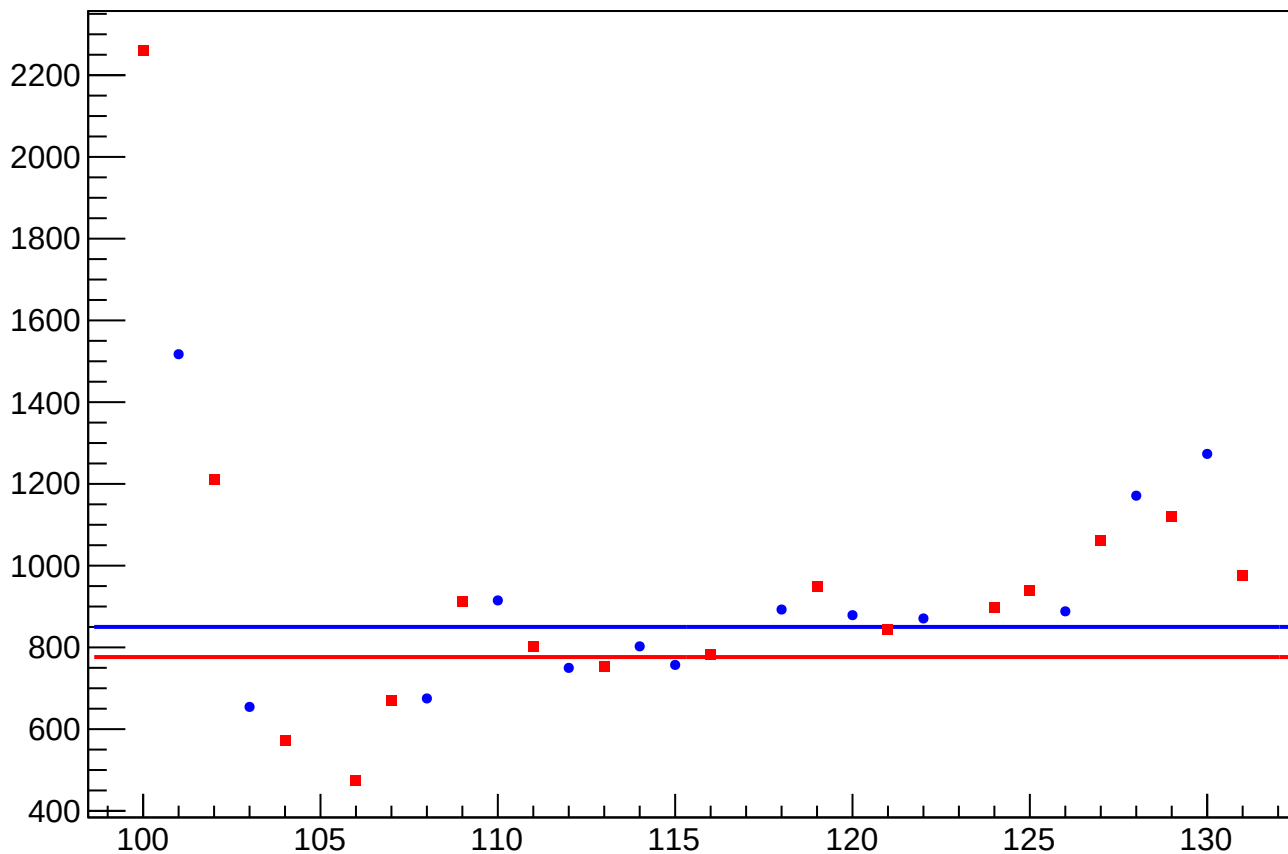
Right: -288.242+/-246.519 χ^2/NDF : 30.3/28

In: -178.557+/-375.411 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.242+/-246.519 χ^2/NDF : 30.3/28

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 850.086+/-0.265 χ^2/NDF : 626432.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 776.388+/-0.231 χ^2/NDF : 845194.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

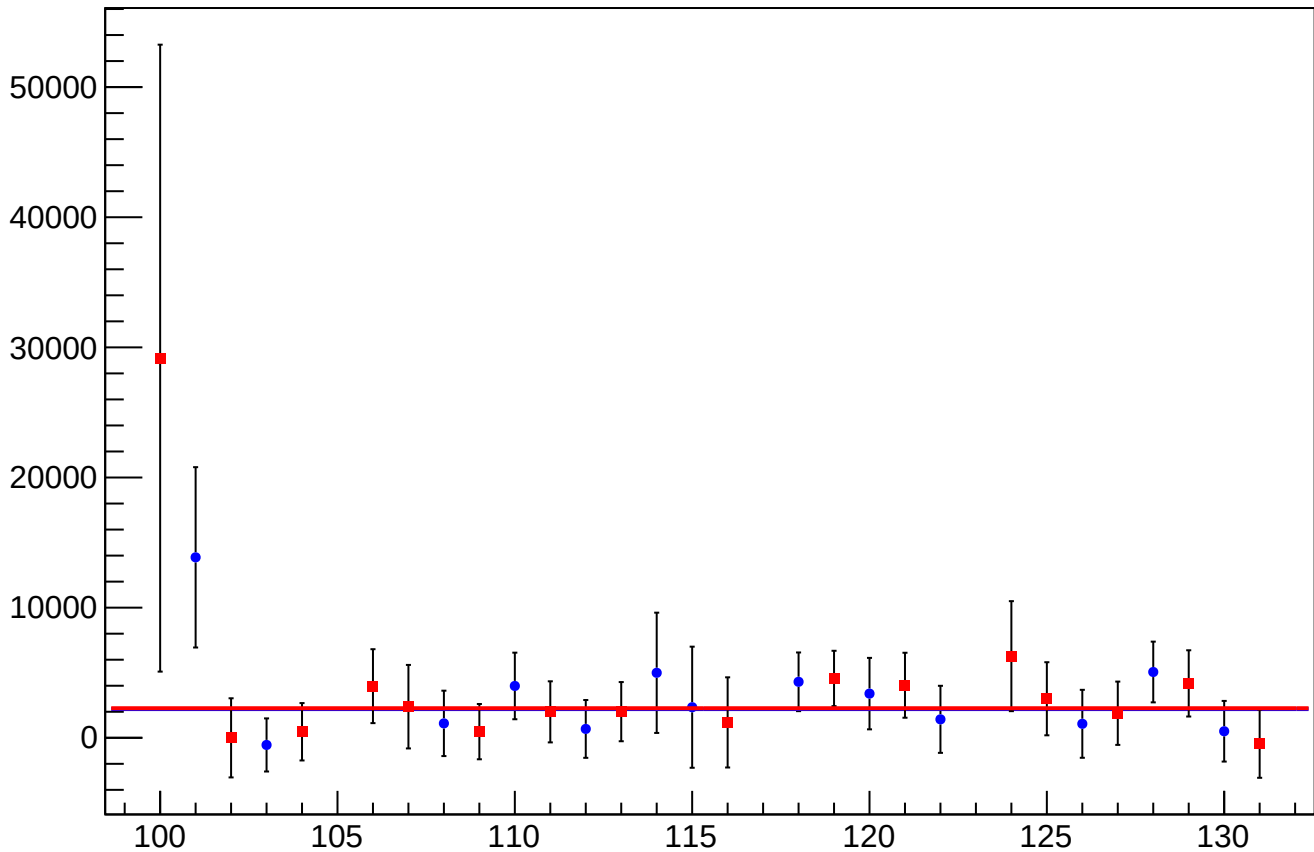
Right: 808.167+/-0.174 χ^2/NDF : 1515467.7/28

In: 850.086+/-0.265 χ^2/NDF : 626432.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 808.167+/-0.174 χ^2/NDF : 1515467.7/28

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.247+/-666.702 χ^2/NDF : 8.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

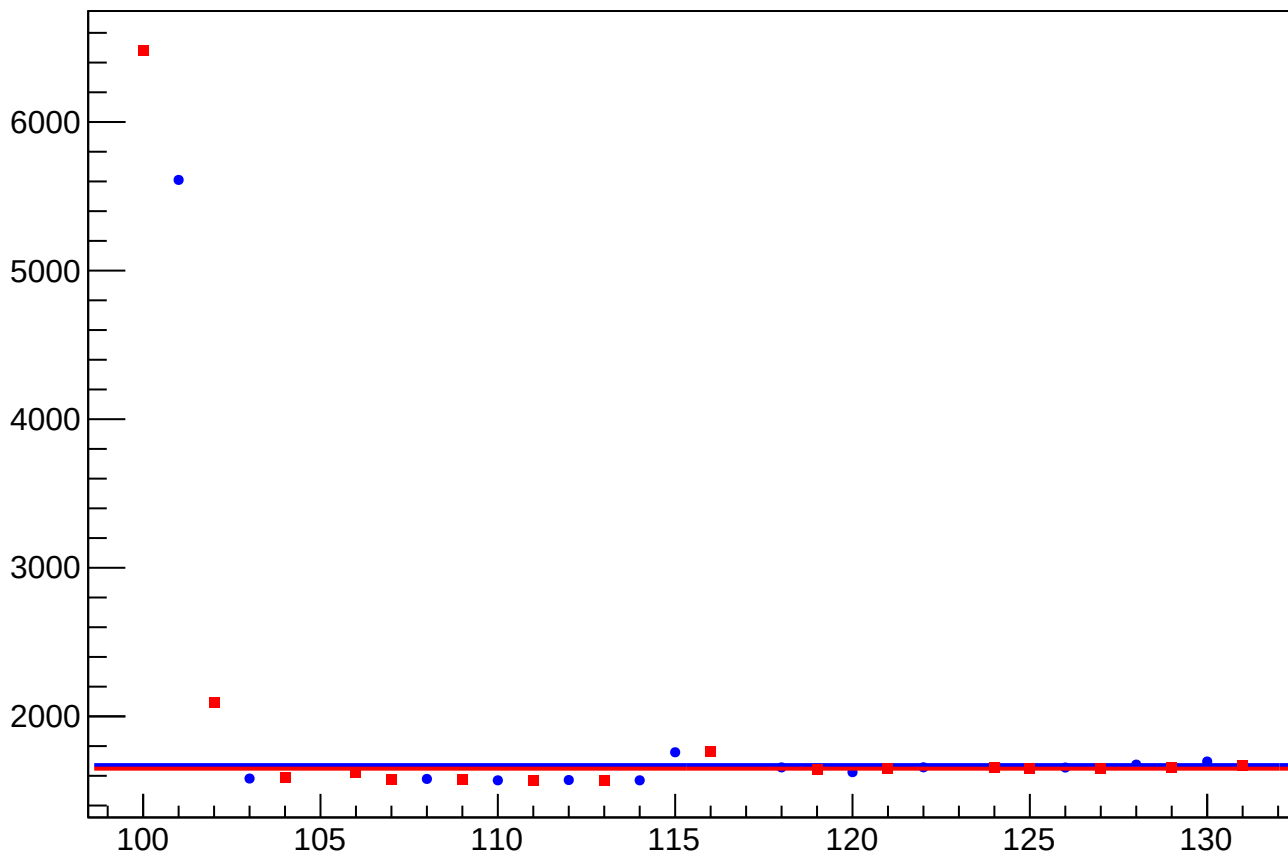
Right: 2242.260+/-493.123 χ^2/NDF : 17.5/28

In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2242.260+/-493.123 χ^2/NDF : 17.5/28

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1648.137+/-0.471 χ^2/NDF : 135983.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

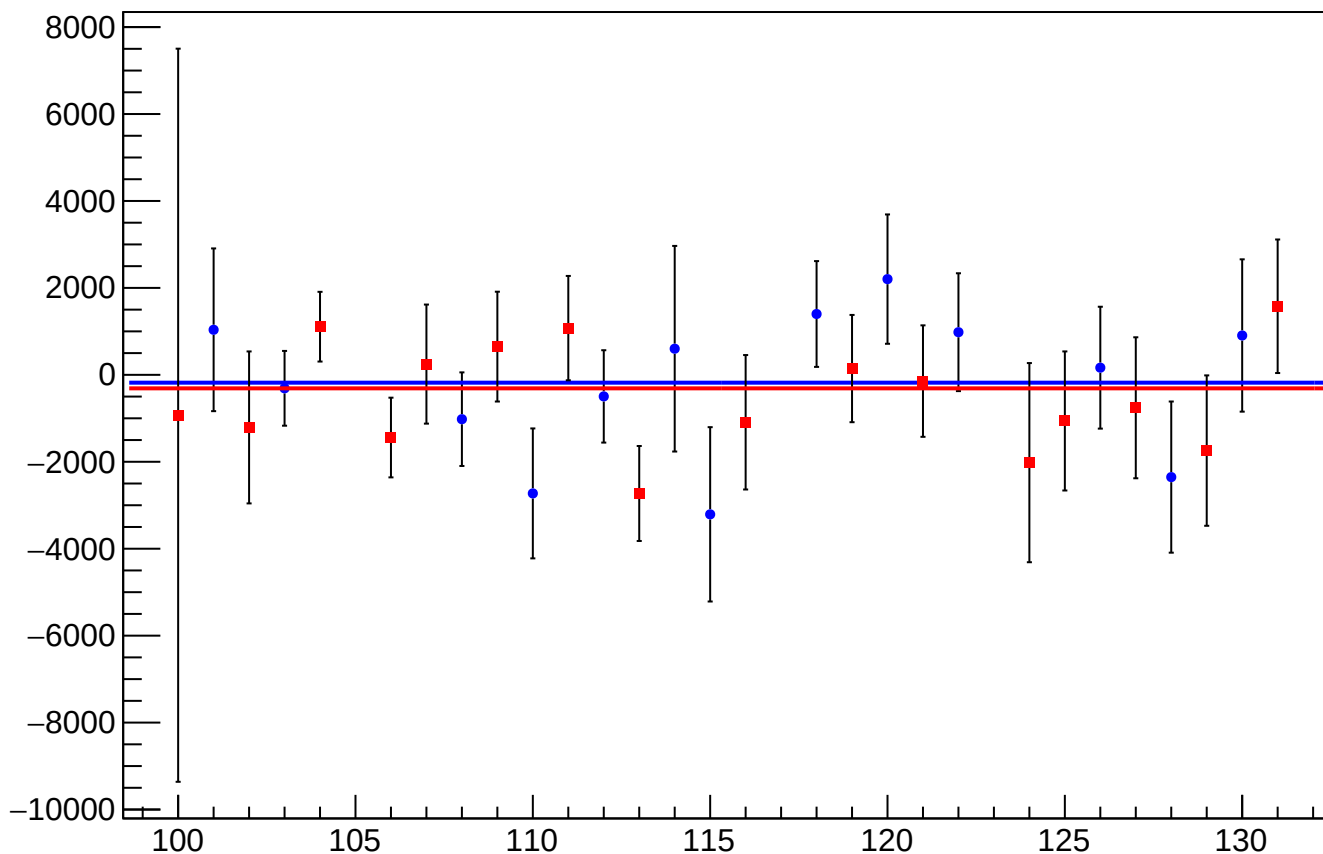
Right: 1658.943+/-0.349 χ^2/NDF : 799953.6/28

In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.943+/-0.349 χ^2/NDF : 799953.6/28

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -180.238+/-375.352 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -310.960+/-330.031 χ^2/NDF : 15.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

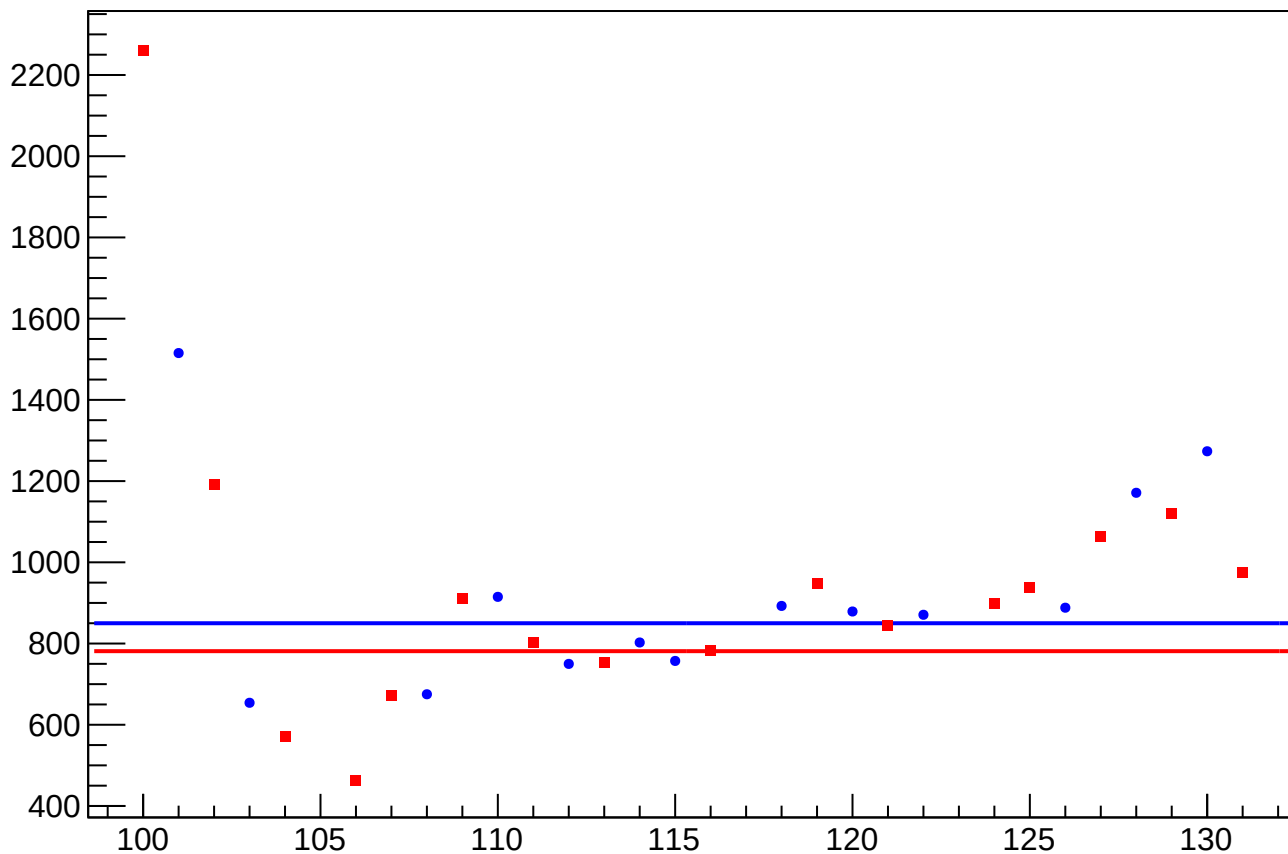
Right: -253.964+/-247.850 χ^2/NDF : 28.9/28

In: -180.238+/-375.352 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.964+/-247.850 χ^2/NDF : 28.9/28

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.218+/-0.233 χ^2/NDF : 820540.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

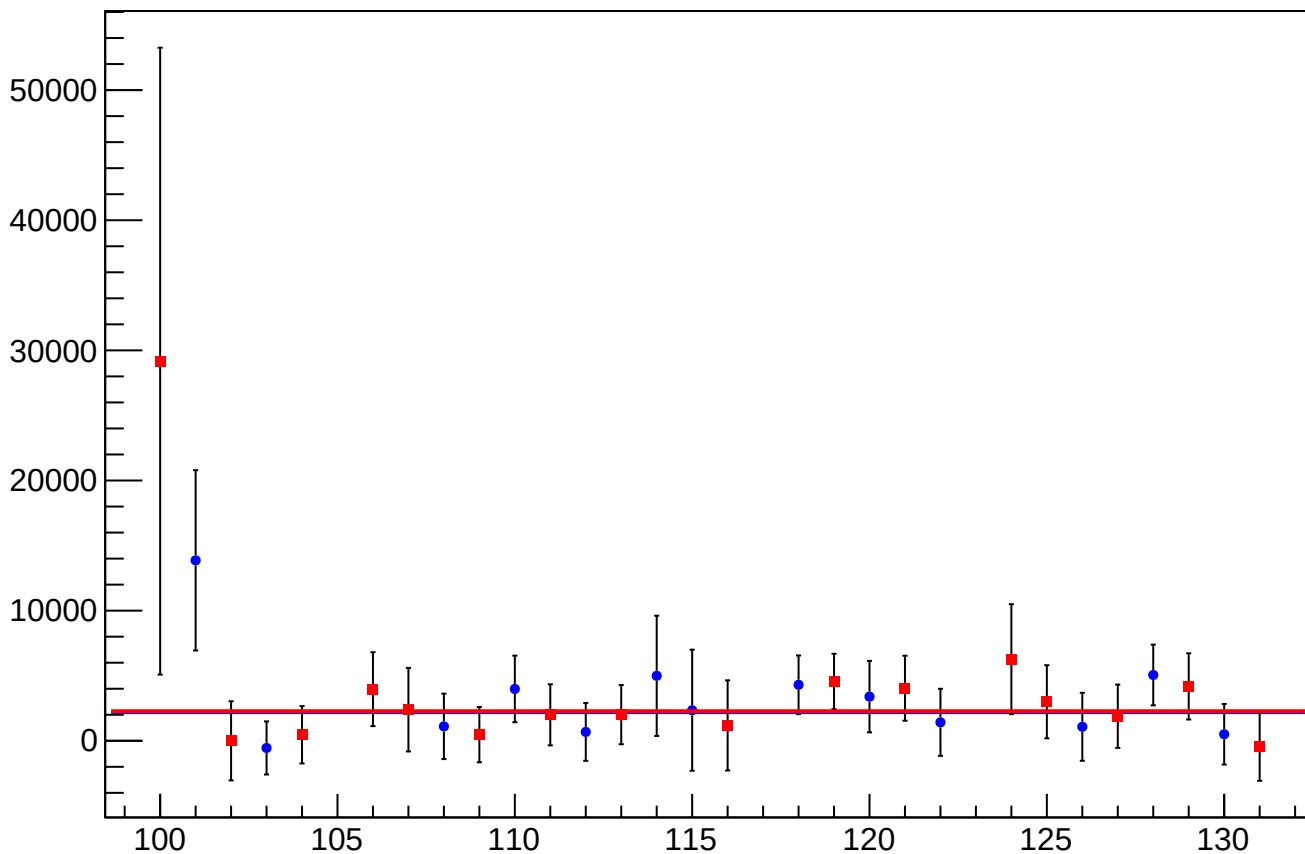
Right: 811.199+/-0.175 χ^2/NDF : 1484466.7/28

In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.199+/-0.175 χ^2/NDF : 1484466.7/28

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2271.247+/-666.702 χ^2/NDF : 8.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

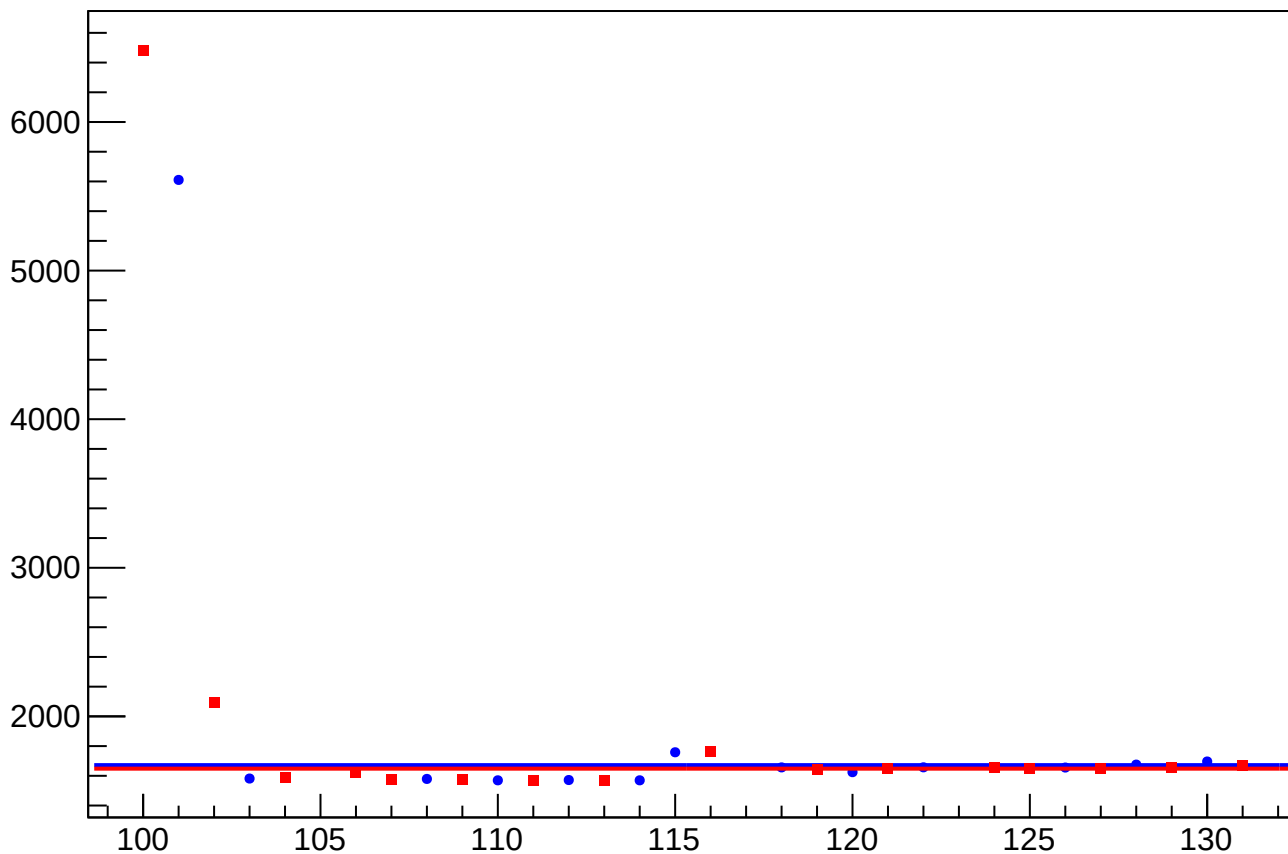
Right: 2242.260+/-493.123 χ^2/NDF : 17.5/28

In: 2207.247+/-732.728 χ^2/NDF :9.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2242.260+/-493.123 χ^2/NDF : 17.5/28

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1648.137+/-0.471 χ^2/NDF : 135983.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

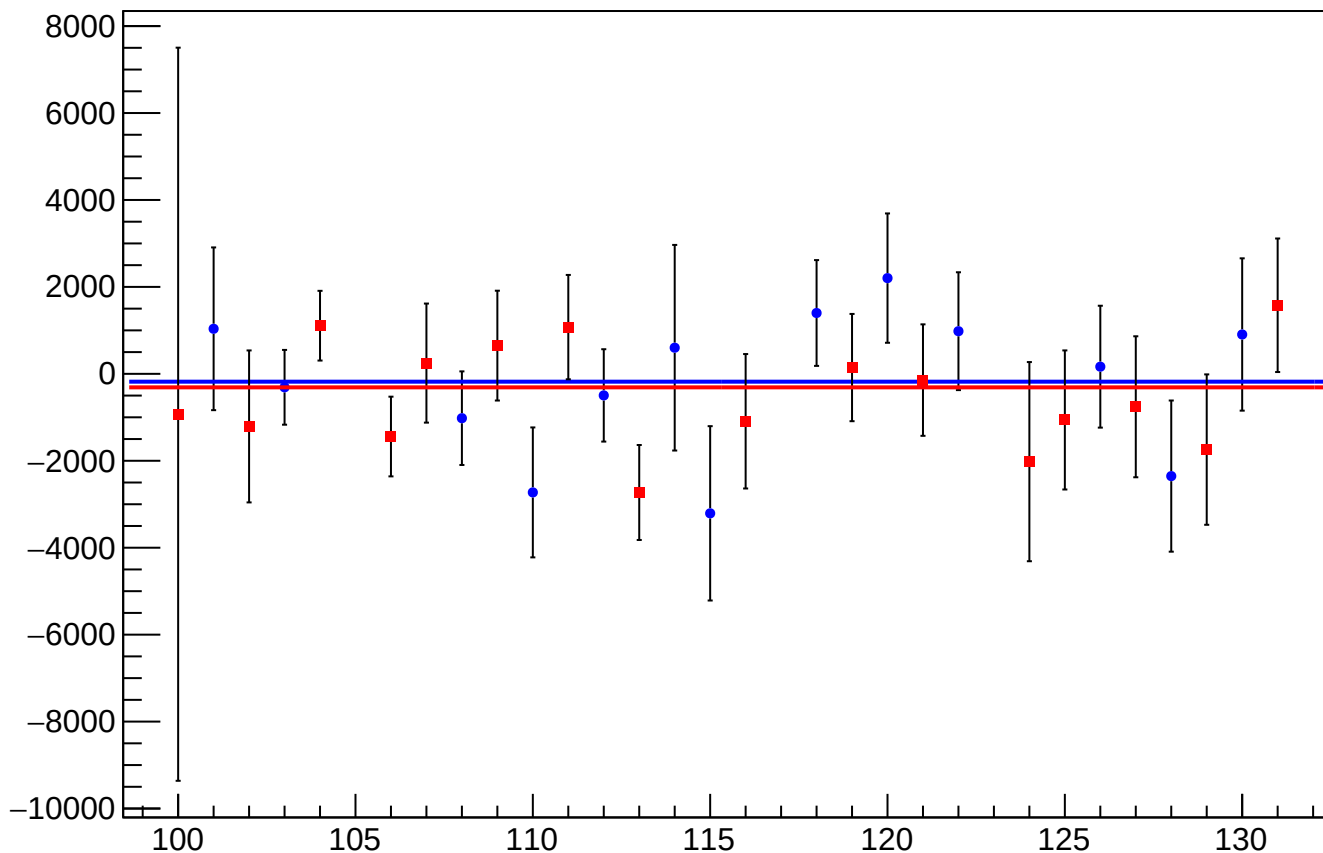
Right: 1658.943+/-0.349 χ^2/NDF : 799953.6/28

In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.943+/-0.349 χ^2/NDF : 799953.6/28

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -180.238 ± 375.352 χ^2/NDF : 13.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -310.960 ± 330.031 χ^2/NDF : 15.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

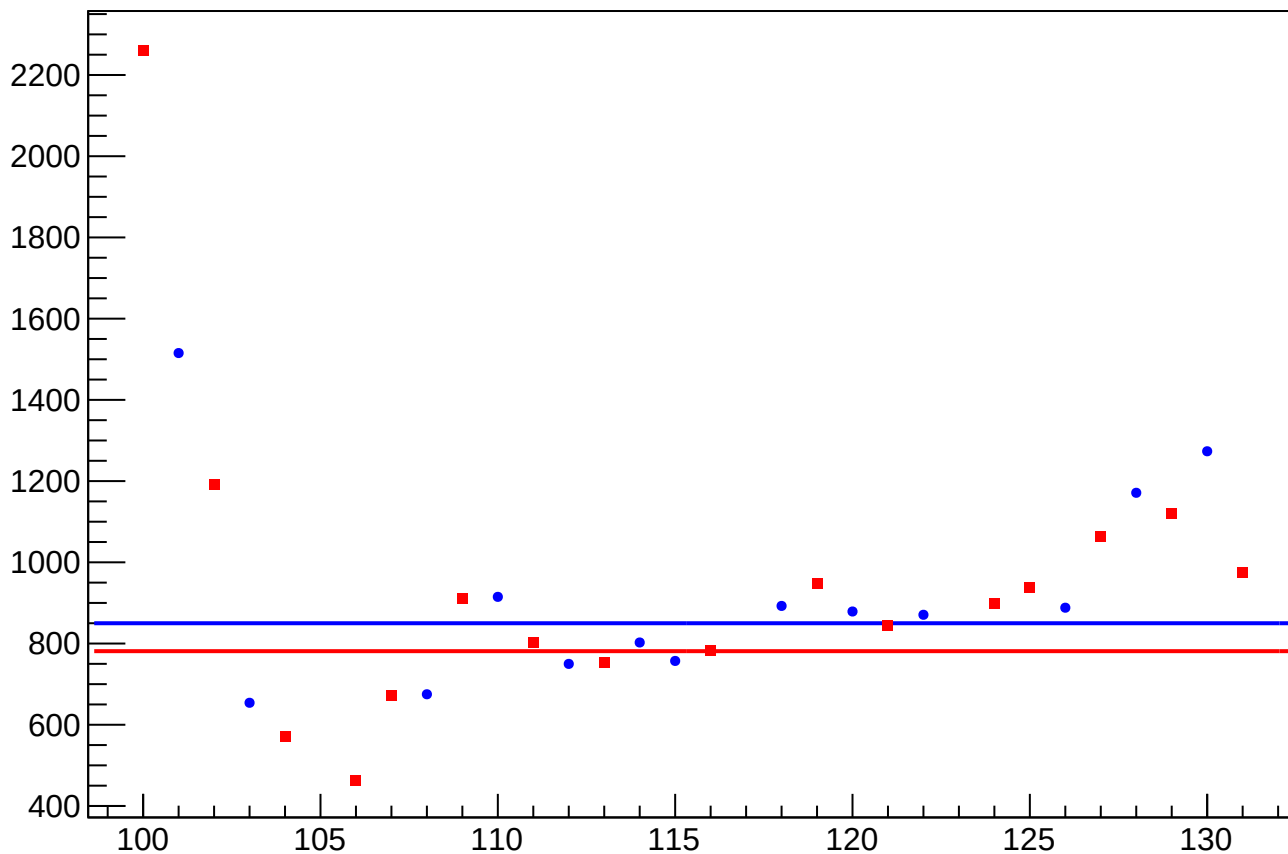
Right: -253.964 ± 247.850 χ^2/NDF : 28.9/28

In: -180.238 ± 375.352 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -253.964 ± 247.850 χ^2/NDF : 28.9/28

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.218+/-0.233 χ^2/NDF : 820540.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

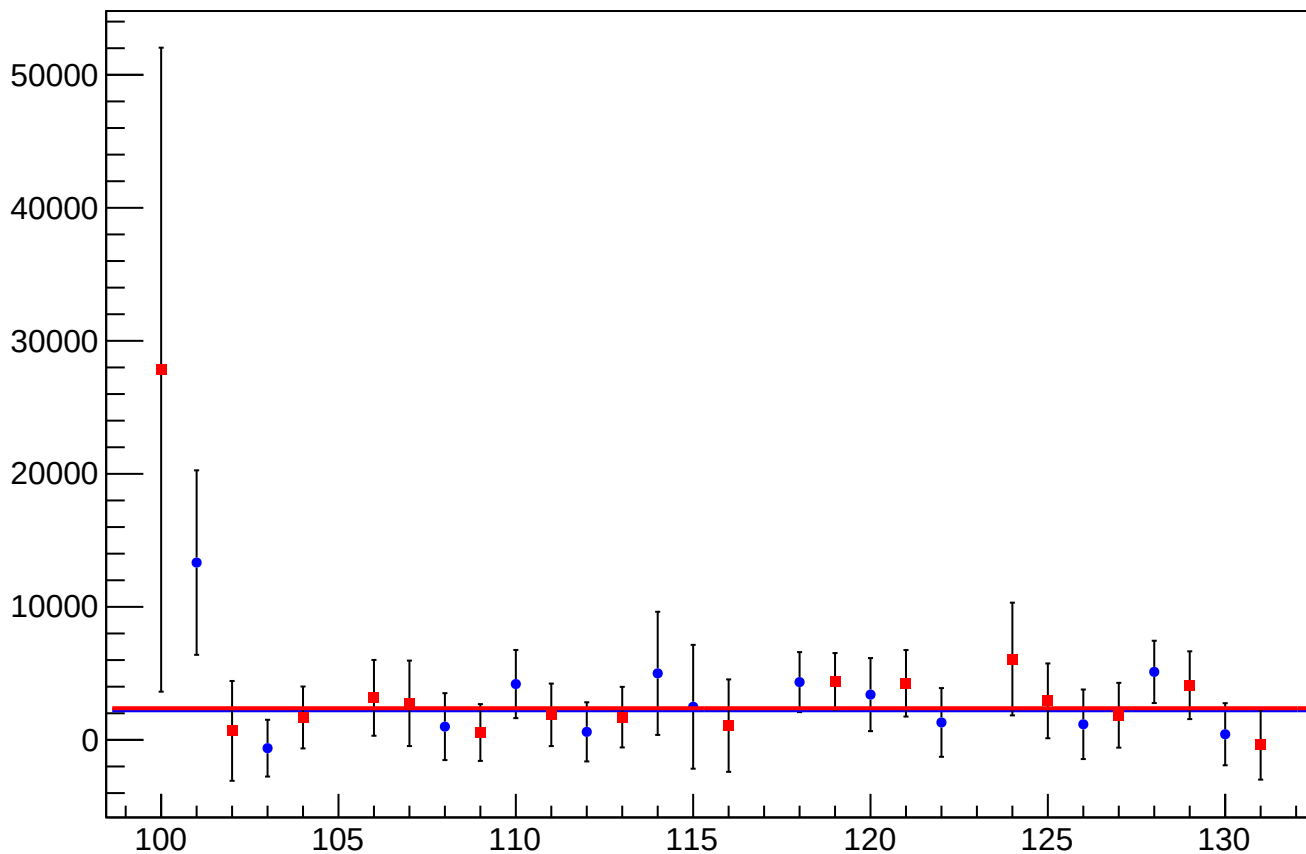
Right: 811.199+/-0.175 χ^2/NDF : 1484466.7/28

In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.199+/-0.175 χ^2/NDF : 1484466.7/28

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2226.447+/-737.871 χ^2 /NDF: 9.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2380.042+/-676.578 χ^2 /NDF: 6.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

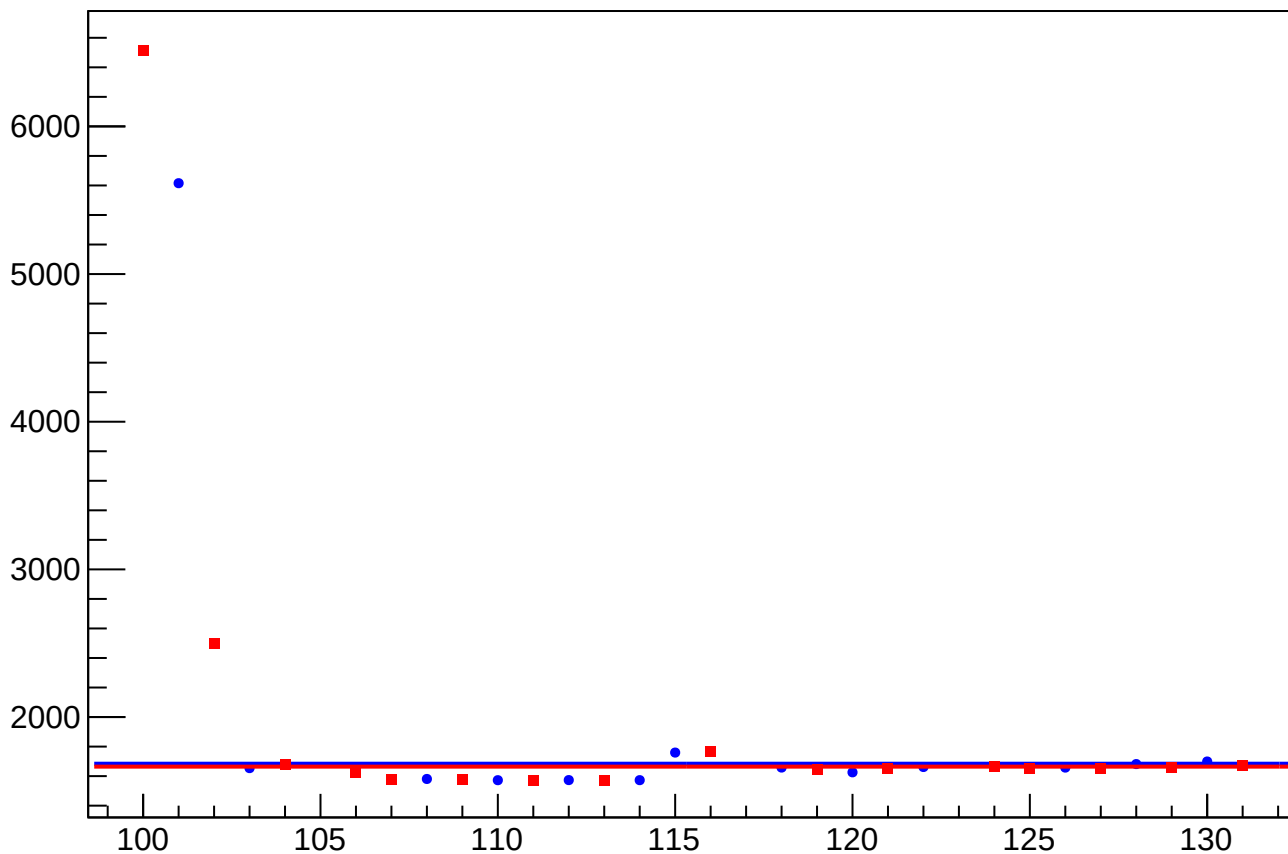
Right: 2309.888+/-498.676 χ^2 /NDF: 15.9/28

In: 2226.447+/-737.871 χ^2 /NDF:9.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2309.888+/-498.676 χ^2 /NDF: 15.9/28

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.042+/-0.522 χ^2/NDF : 658508.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.235+/-0.478 χ^2/NDF : 192382.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

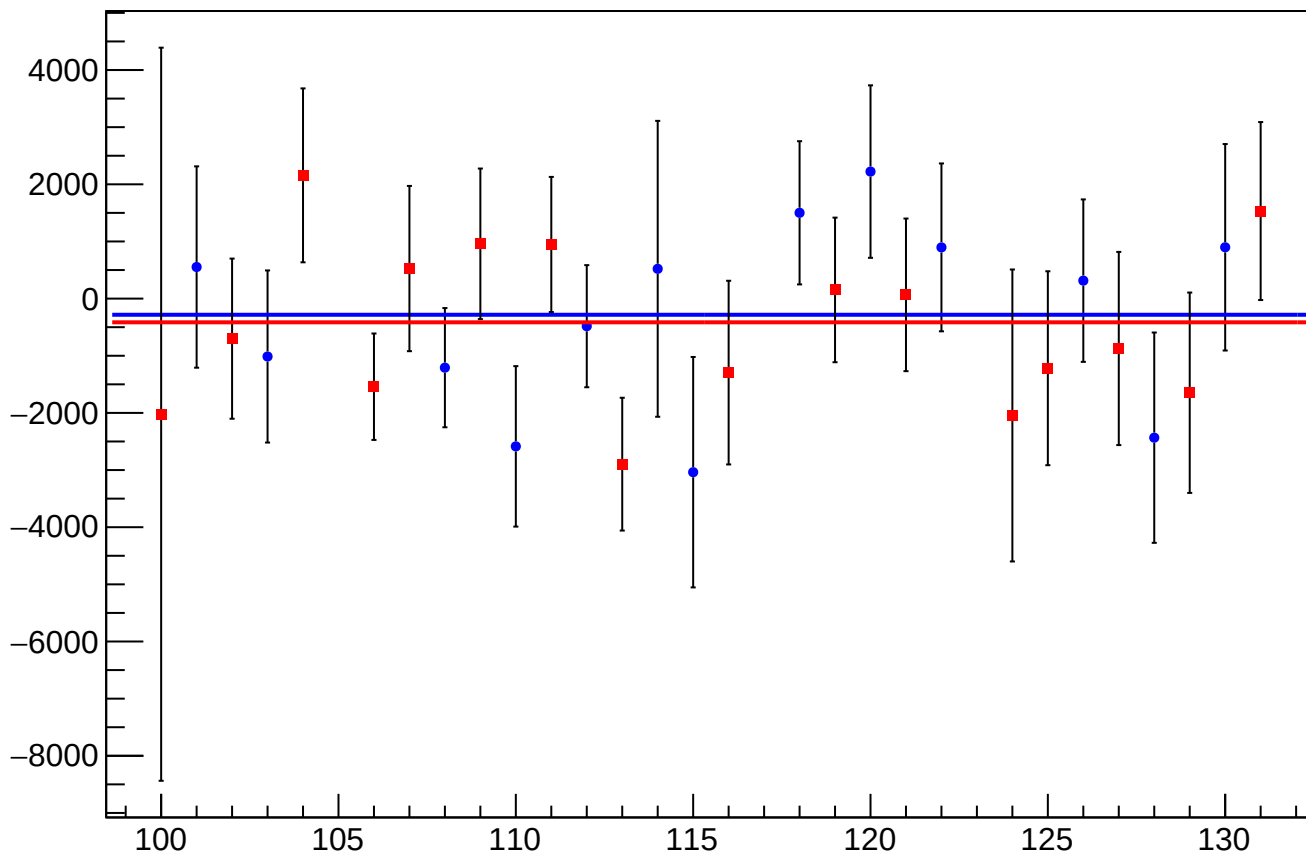
Right: 1673.282+/-0.353 χ^2/NDF : 851674.1/28

In: 1684.042+/-0.522 χ^2/NDF : 658508.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.282+/-0.353 χ^2/NDF : 851674.1/28

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.642 $\pm$ 404.985 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -414.884 $\pm$ 358.263 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

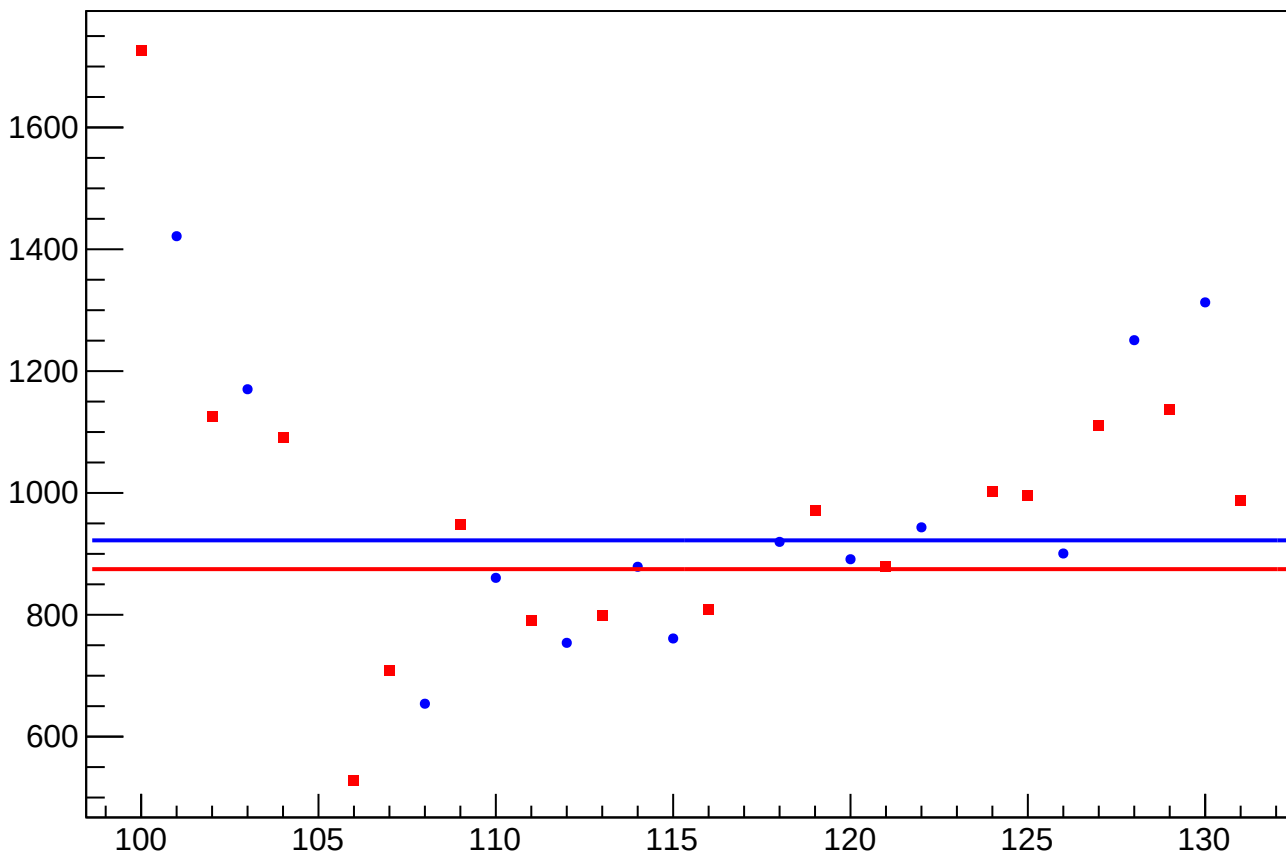
Right: -356.828 $\pm$ 268.335 χ^2 /NDF: 28.6/28

In: -282.642 $\pm$ 404.985 χ^2 /NDF:13.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -356.828 $\pm$ 268.335 χ^2 /NDF: 28.6/28

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 922.187+/-0.286 χ^2/NDF : 572896.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.931+/-0.253 χ^2/NDF : 592365.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

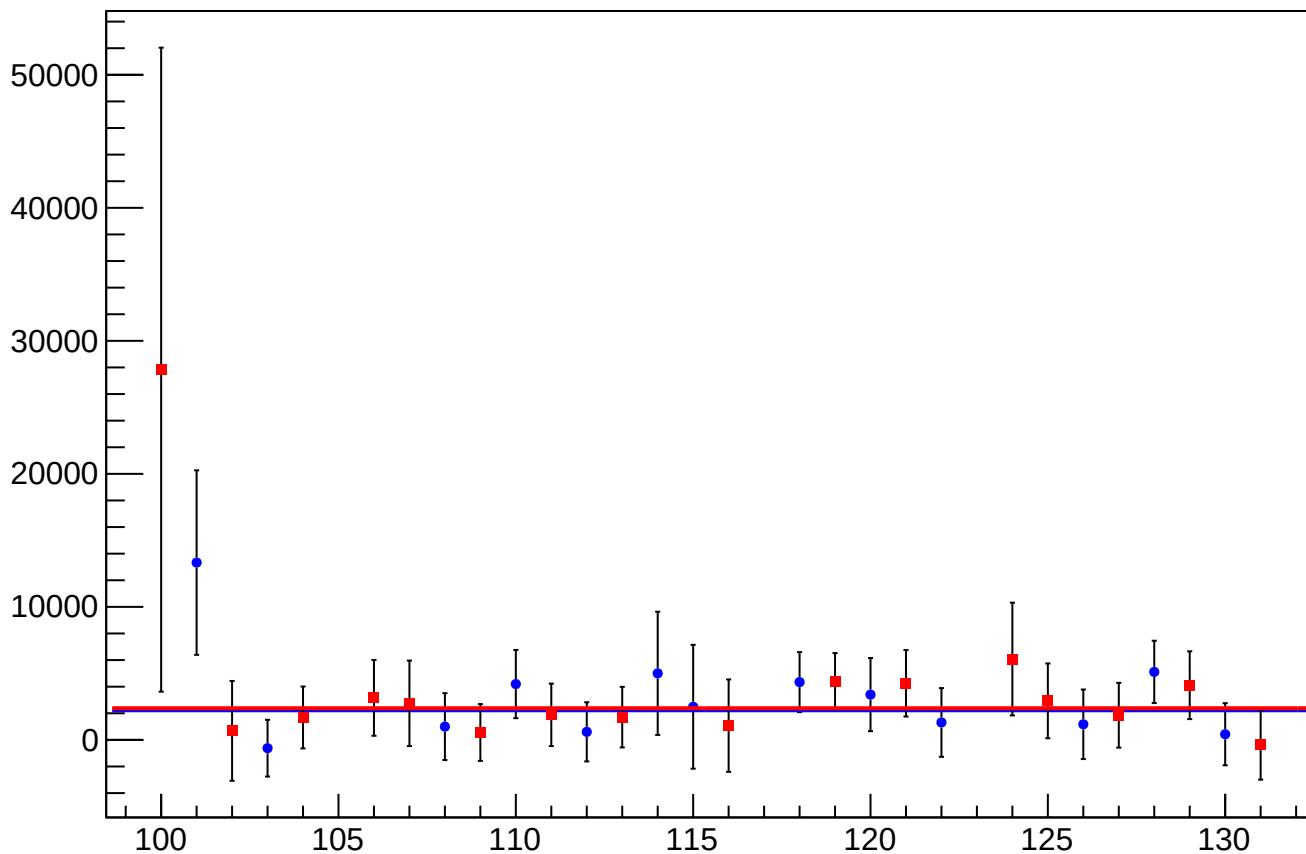
Right: 895.677+/-0.190 χ^2/NDF : 1180537.6/28

In: 922.187+/-0.286 χ^2/NDF : 572896.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.677+/-0.190 χ^2/NDF : 1180537.6/28

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2226.449+/-737.871 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2380.043+/-676.578 χ^2/NDF : 6.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

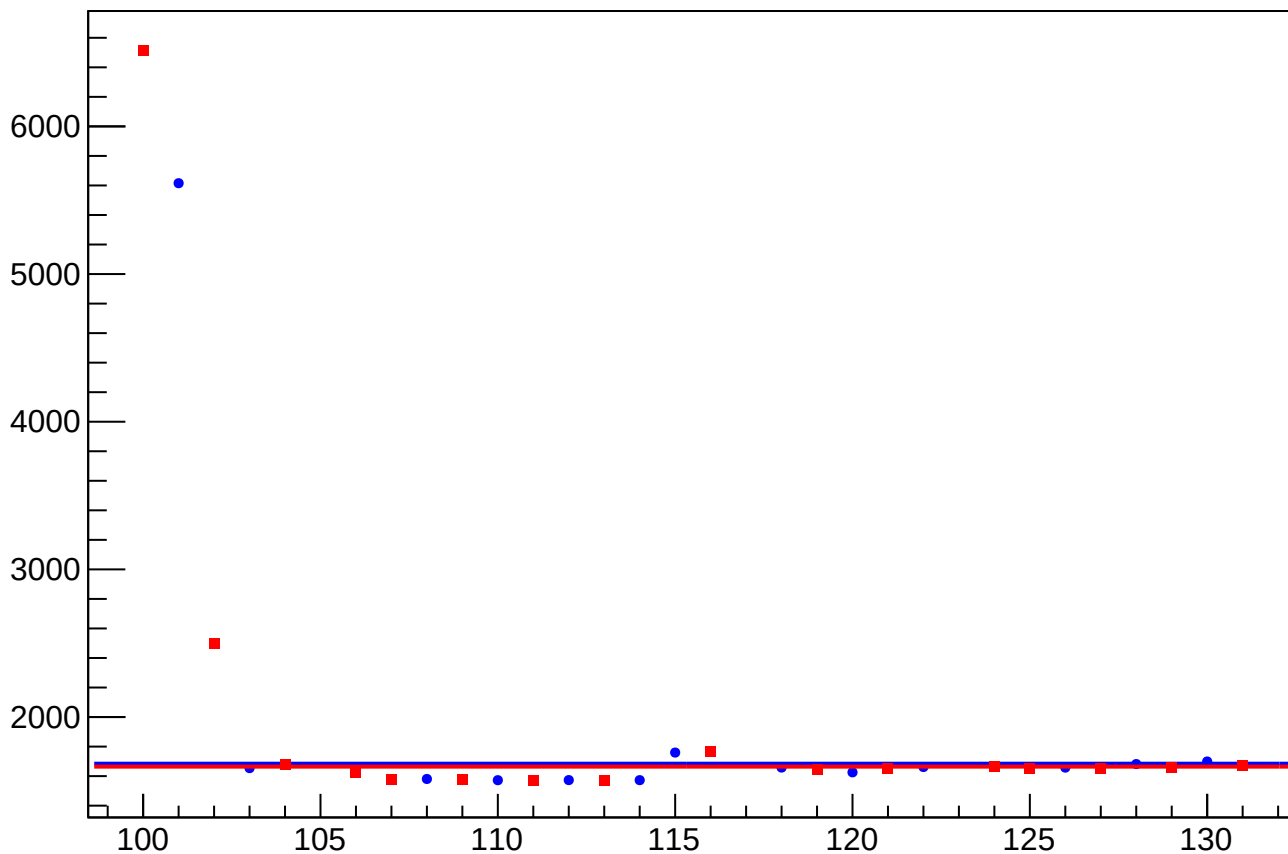
Right: 2309.889+/-498.676 χ^2/NDF : 15.9/28

In: 2226.449+/-737.871 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.889+/-498.676 χ^2/NDF : 15.9/28

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.042+/-0.522 χ^2/NDF : 658509.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.235+/-0.478 χ^2/NDF : 192382.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

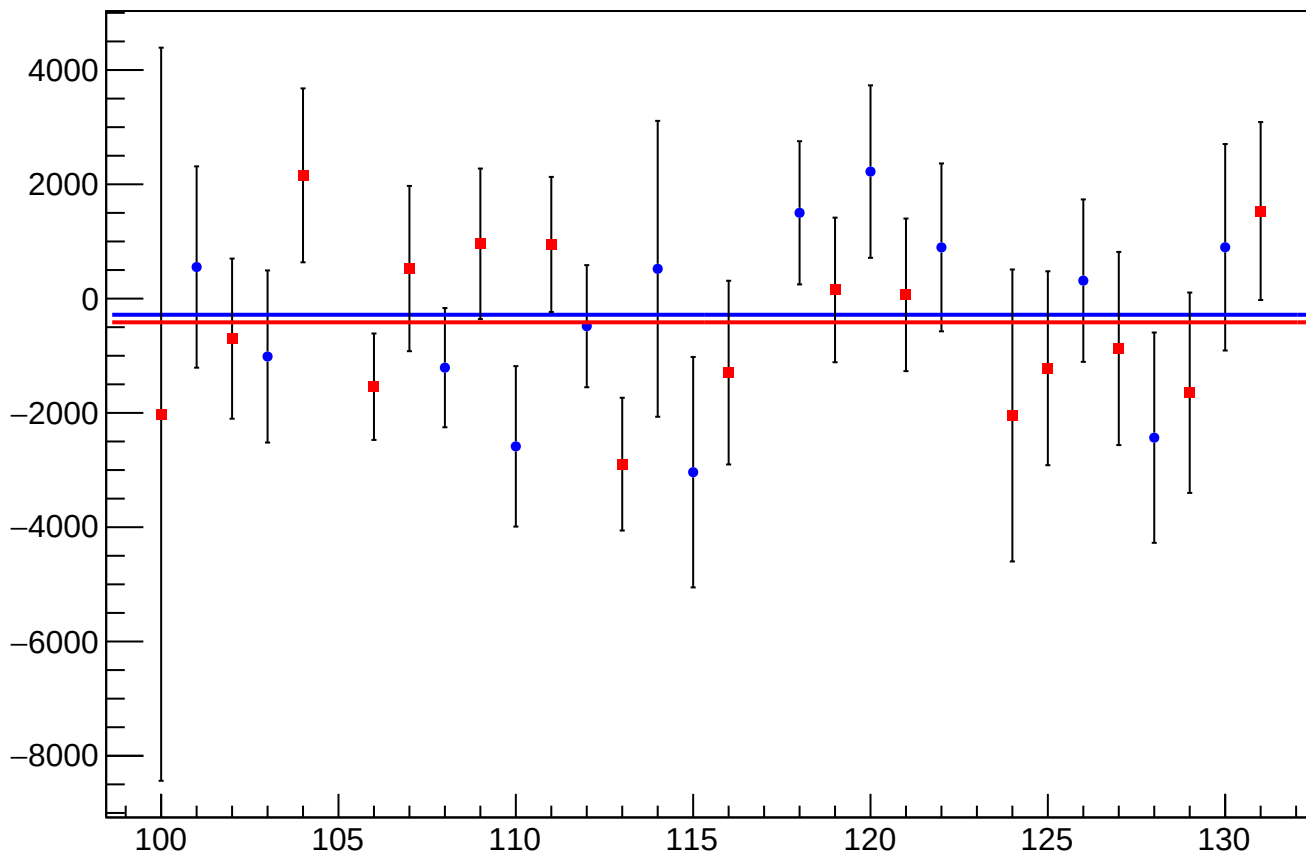
Right: 1673.282+/-0.353 χ^2/NDF : 851673.9/28

In: 1684.042+/-0.522 χ^2/NDF : 658509.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.282+/-0.353 χ^2/NDF : 851673.9/28

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.640 ± 404.984 χ^2/NDF : 13.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -414.882 ± 358.261 χ^2/NDF : 15.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

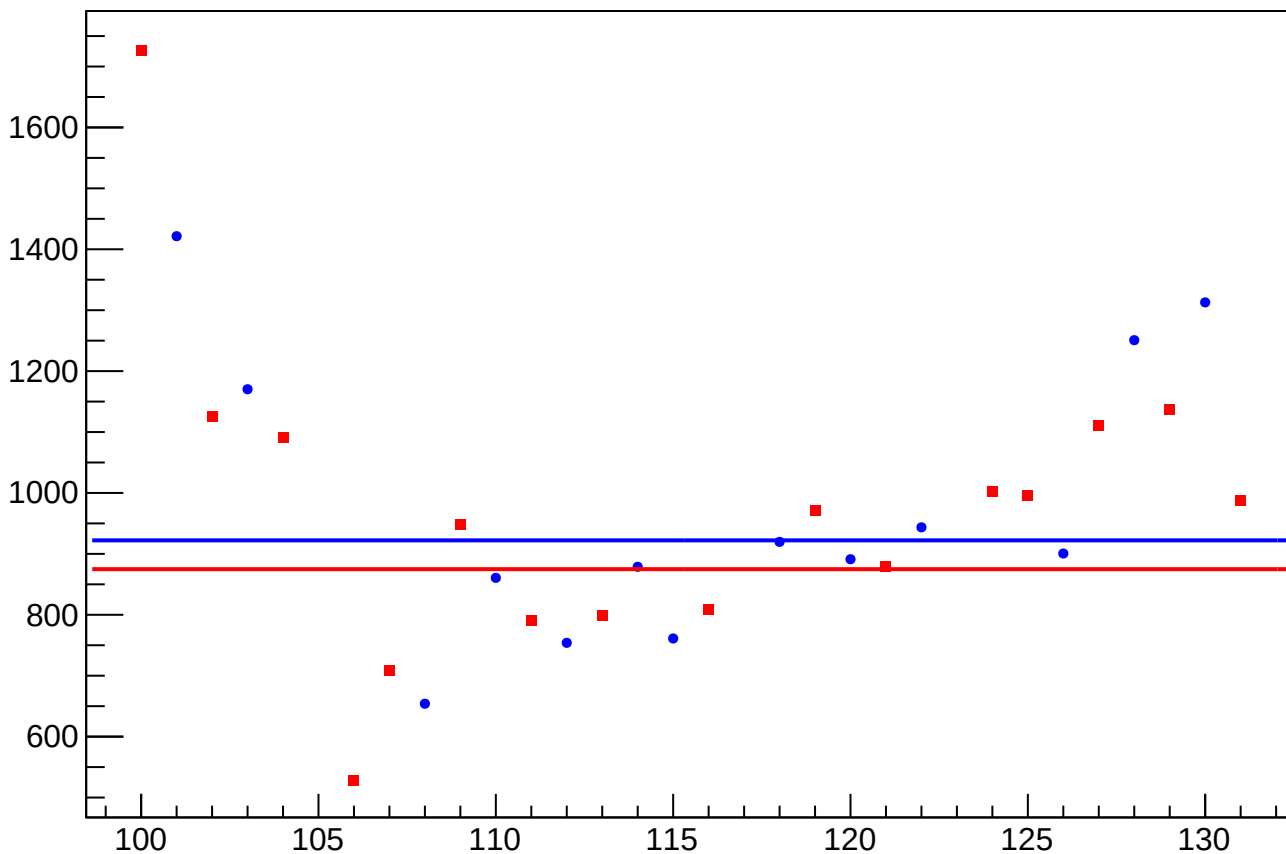
Right: -356.826 ± 268.334 χ^2/NDF : 28.6/28

In: -282.640 ± 404.984 χ^2/NDF : 13.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -356.826 ± 268.334 χ^2/NDF : 28.6/28

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 922.183+/-0.286 χ^2/NDF : 572899.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.929+/-0.253 χ^2/NDF : 592359.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

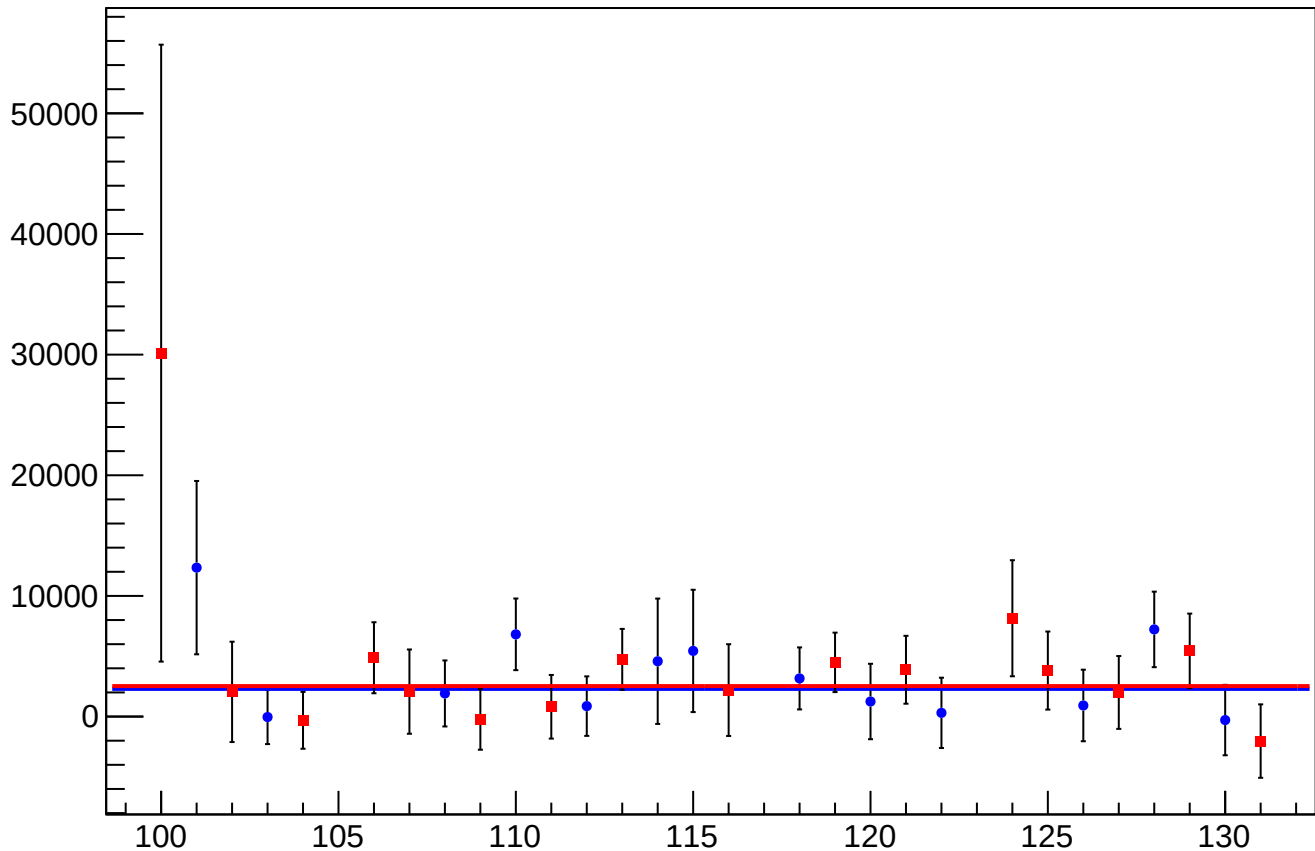
Right: 895.674+/-0.190 χ^2/NDF : 1180533.9/28

In: 922.183+/-0.286 χ^2/NDF : 572899.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.674+/-0.190 χ^2/NDF : 1180533.9/28

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2294.468+/-842.106 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2525.623+/-763.277 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

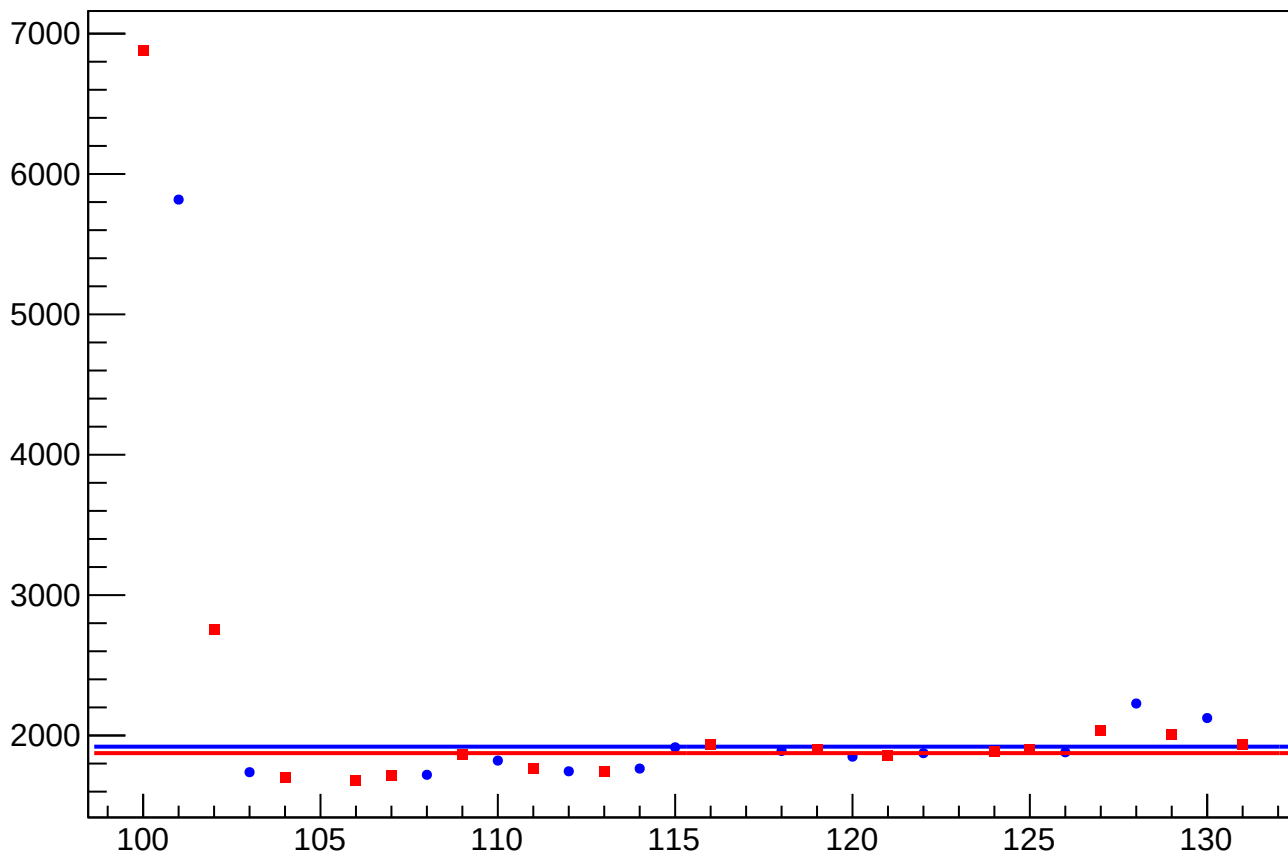
Right: 2421.368+/-565.539 χ^2/NDF : 21.7/28

In: 2294.468+/-842.106 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2421.368+/-565.539 χ^2/NDF : 21.7/28

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1920.340+/-0.595 χ^2/NDF : 657912.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.353+/-0.540 χ^2/NDF : 210773.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

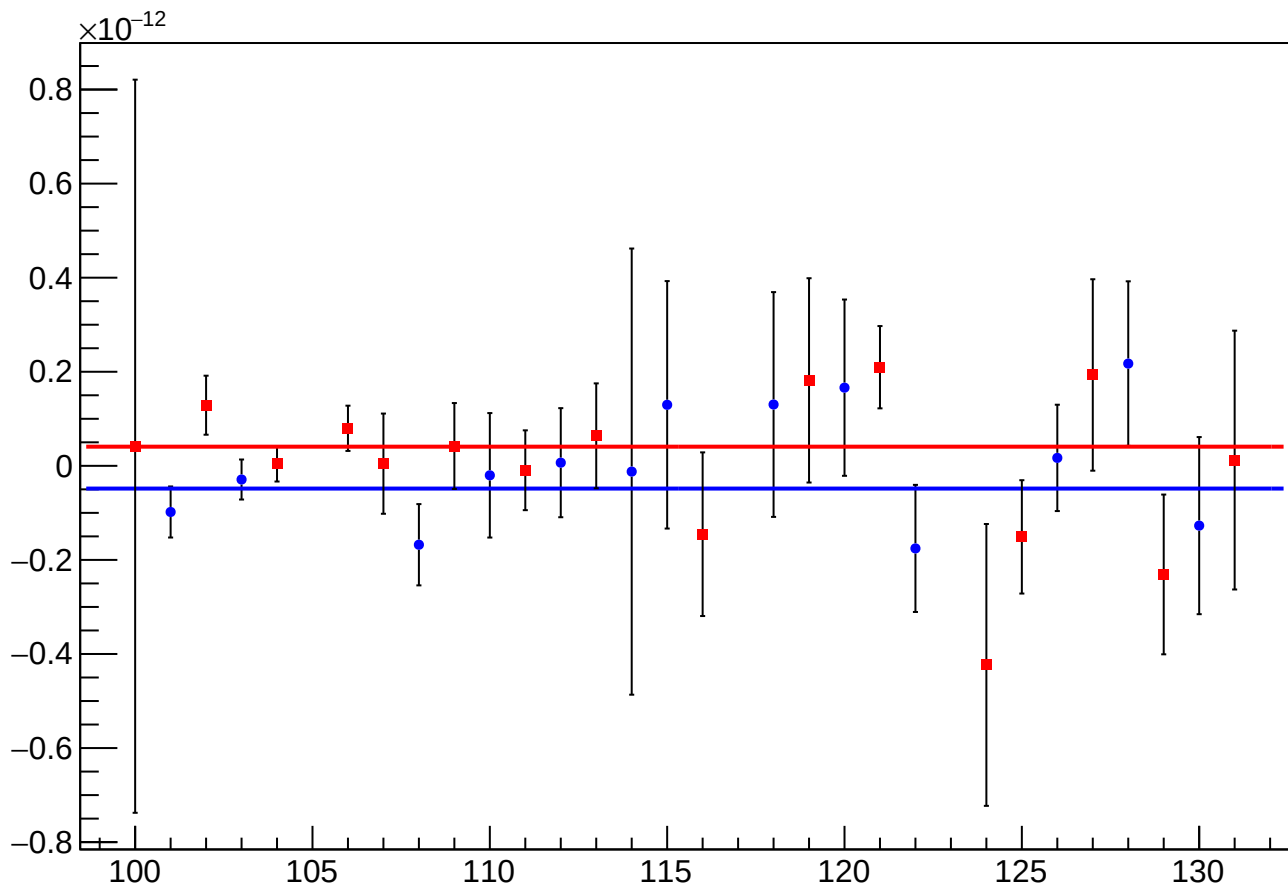
Right: 1895.094+/-0.400 χ^2/NDF : 871960.9/28

In: 1920.340+/-0.595 χ^2/NDF : 657912.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.094+/-0.400 χ^2/NDF : 871960.9/28

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

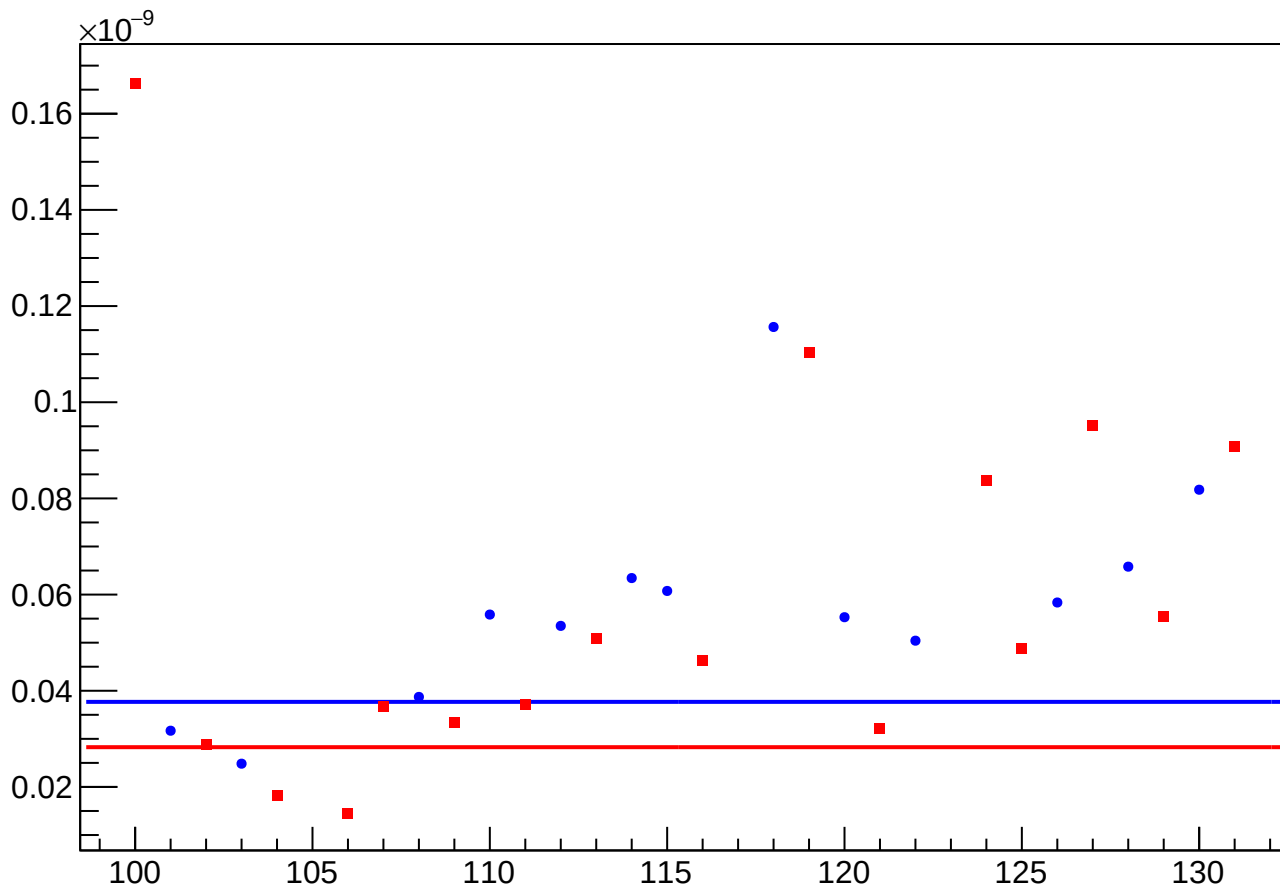
Right: 0.000+/-0.000 χ^2/NDF : 33.5/28

In: -0.000+/-0.000 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.5/28

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 780061.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1302057.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

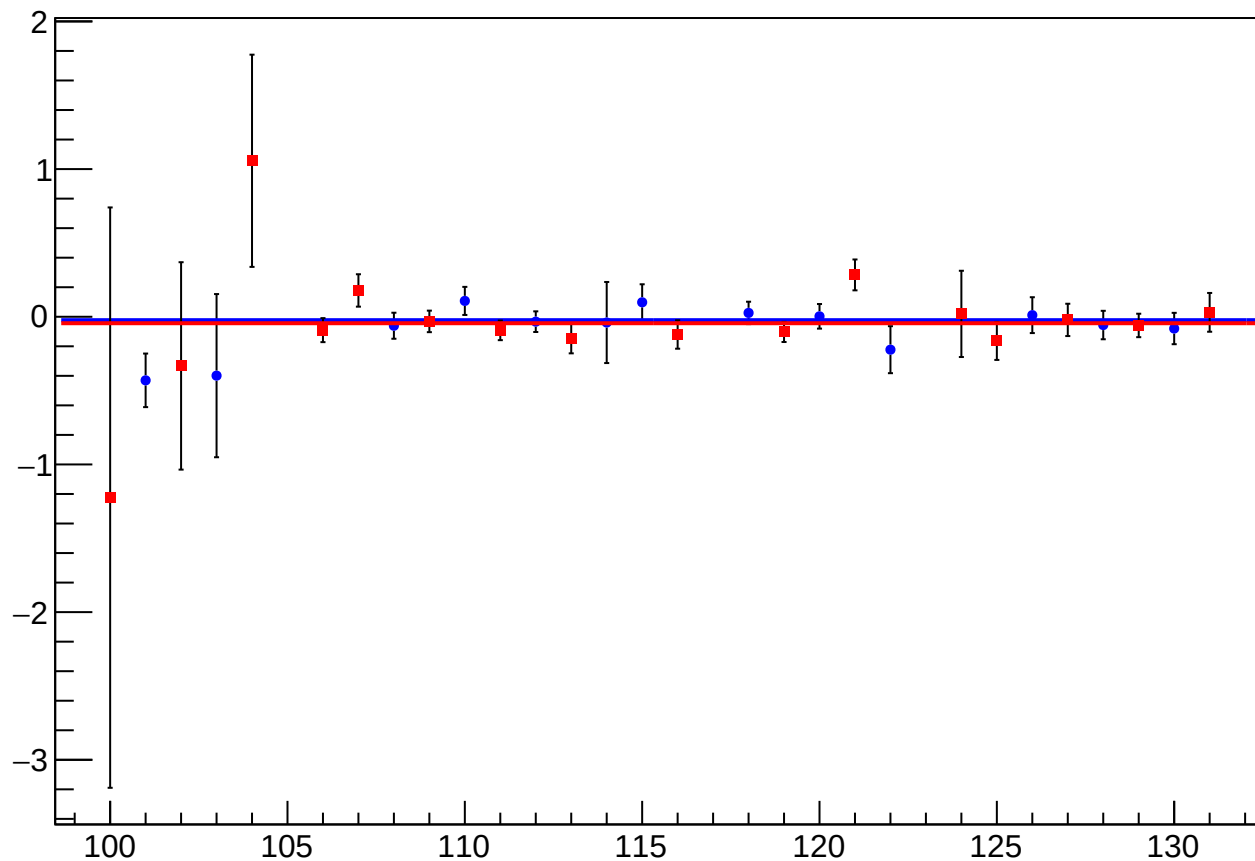
Right: 0.000+/-0.000 χ^2/NDF : 2233922.4/28

In: 0.000+/-0.000 χ^2/NDF : 780061.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2233922.4/28

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.023 ± 0.029 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.044 ± 0.025 χ^2/NDF : 21.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

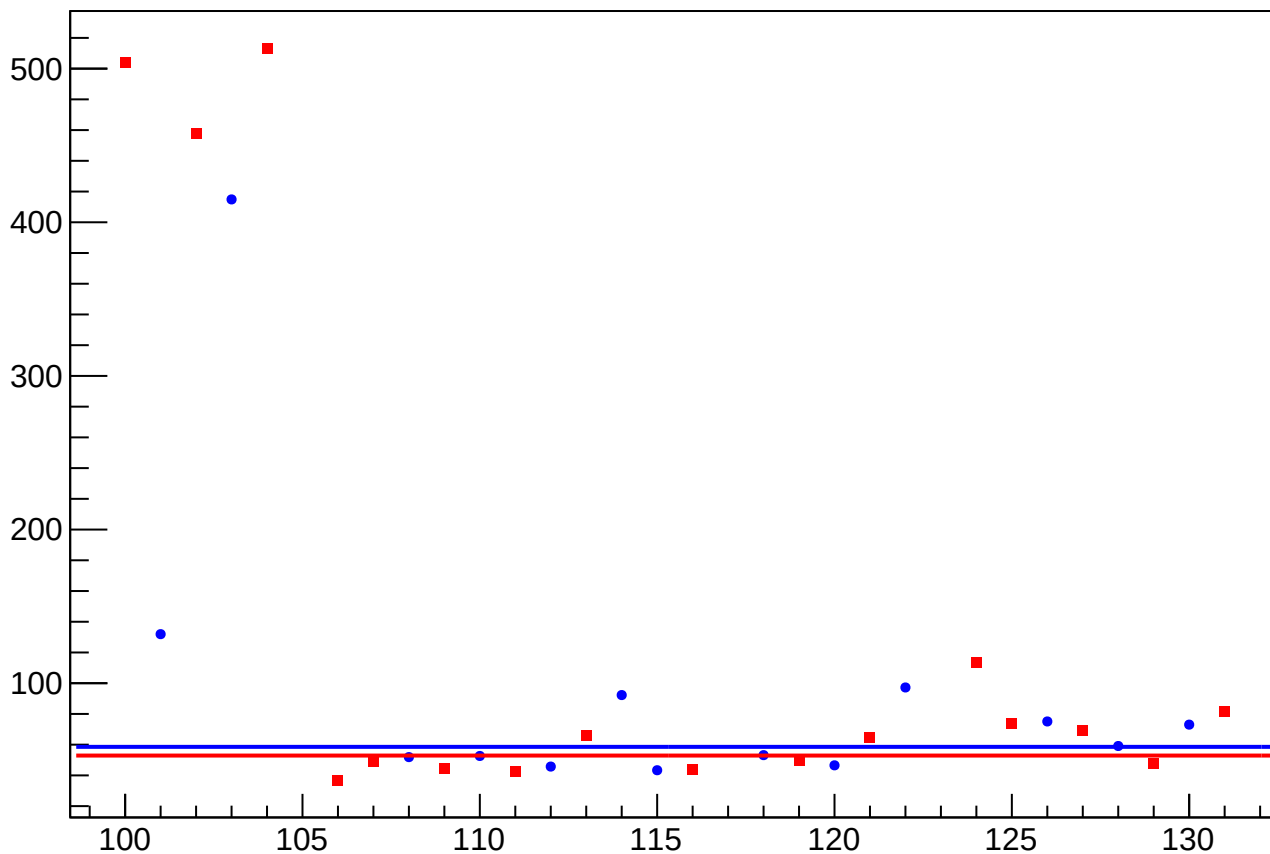
Right: -0.035 ± 0.019 χ^2/NDF : 32.8/28

In: -0.023 ± 0.029 χ^2/NDF : 11.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.019 χ^2/NDF : 32.8/28

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.576+/-0.021 χ^2/NDF : 1550896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.910+/-0.018 χ^2/NDF : 2120055.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

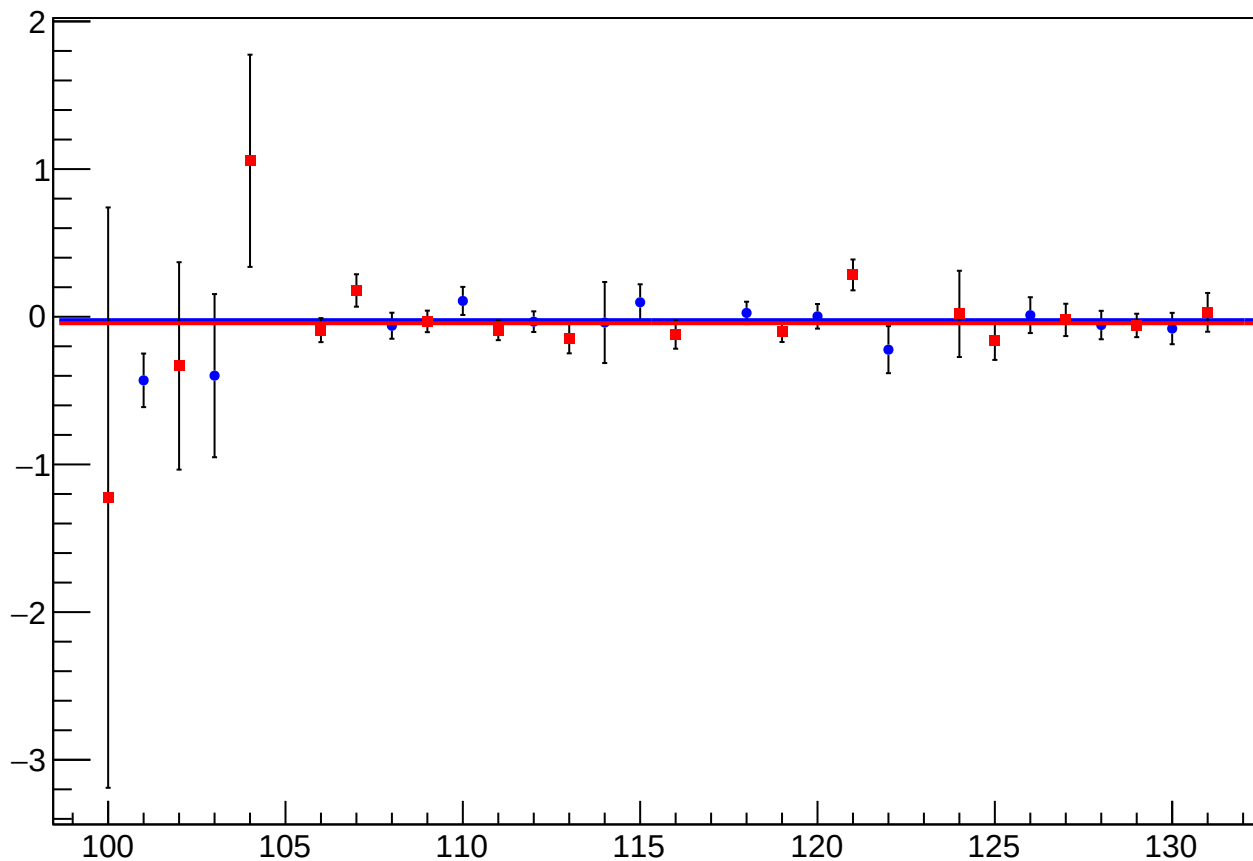
Right: 55.369+/-0.014 χ^2/NDF : 3713839.0/28

In: 58.576+/-0.021 χ^2/NDF :1550896.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.369+/-0.014 χ^2/NDF : 3713839.0/28

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

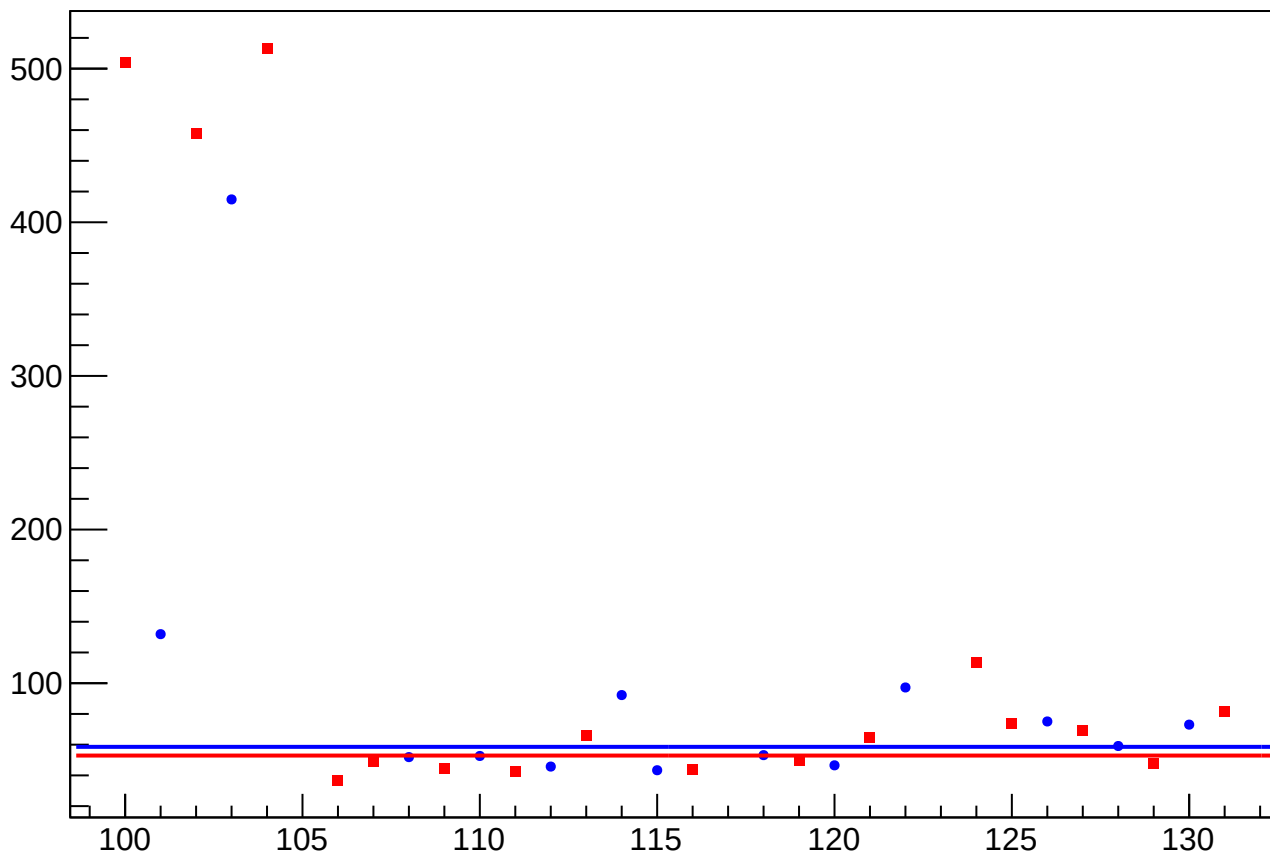
Right: -0.035+/-0.019 χ^2/NDF : 32.8/28

In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.035+/-0.019 χ^2/NDF : 32.8/28

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.576+/-0.021 χ^2/NDF : 1550896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.910+/-0.018 χ^2/NDF : 2120055.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

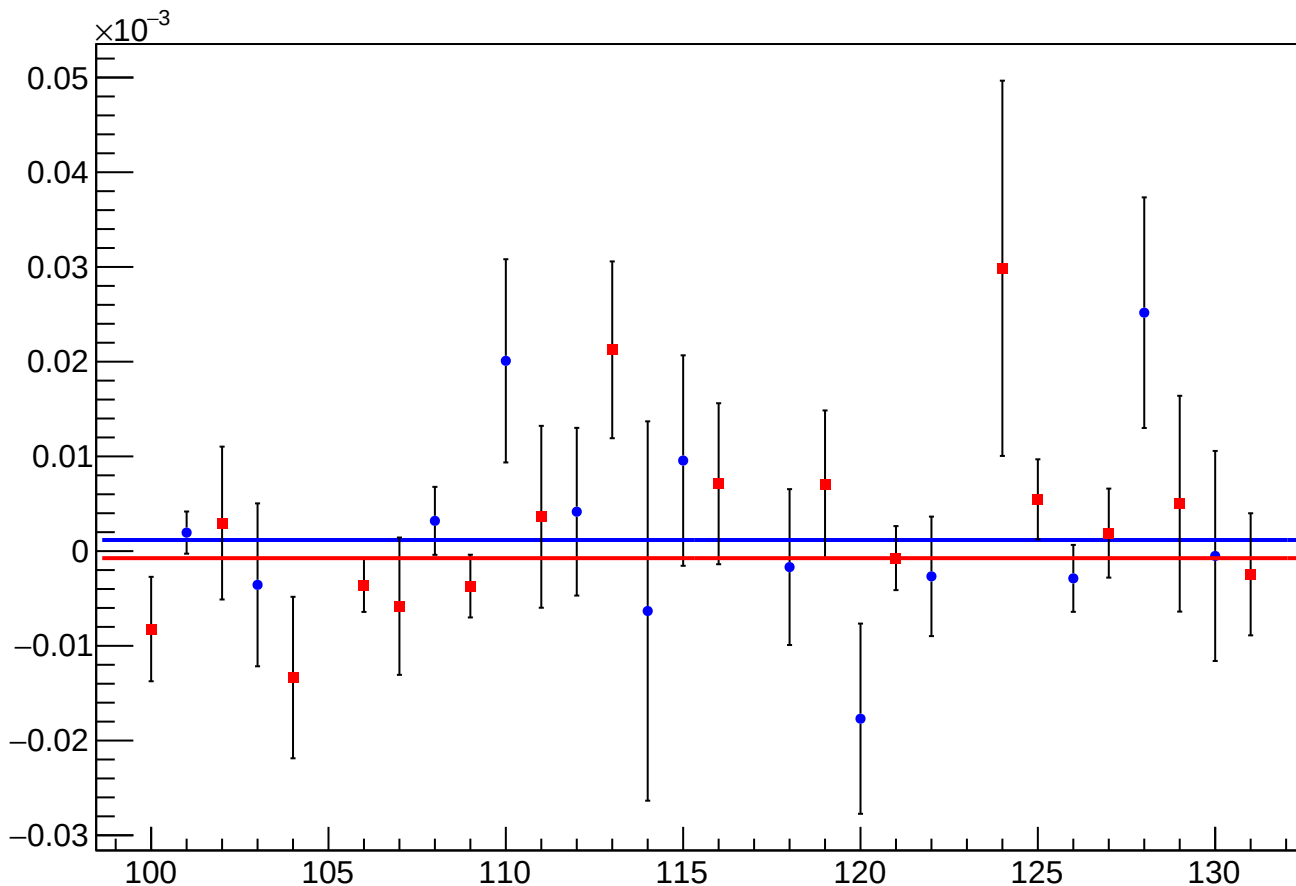
Right: 55.369+/-0.014 χ^2/NDF : 3713839.0/28

In: 58.576+/-0.021 χ^2/NDF :1550896.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.369+/-0.014 χ^2/NDF : 3713839.0/28

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

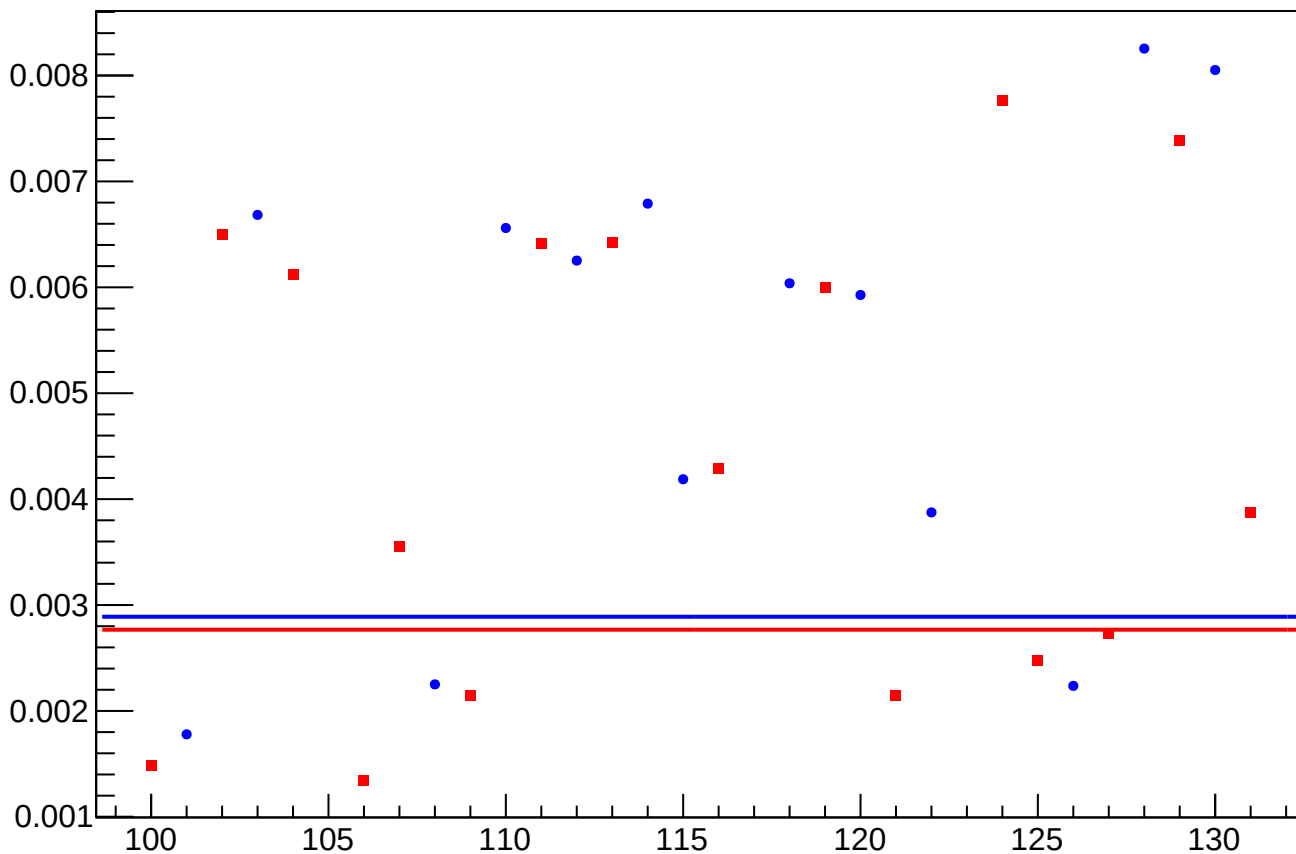
Right: 0.000+/-0.000 χ^2/NDF : 34.2/28

In: 0.000+/-0.000 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/28

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 2991353.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 3038779.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 6037863.9/28

In: 0.003+/-0.000

χ^2/NDF : 2991353.3/12

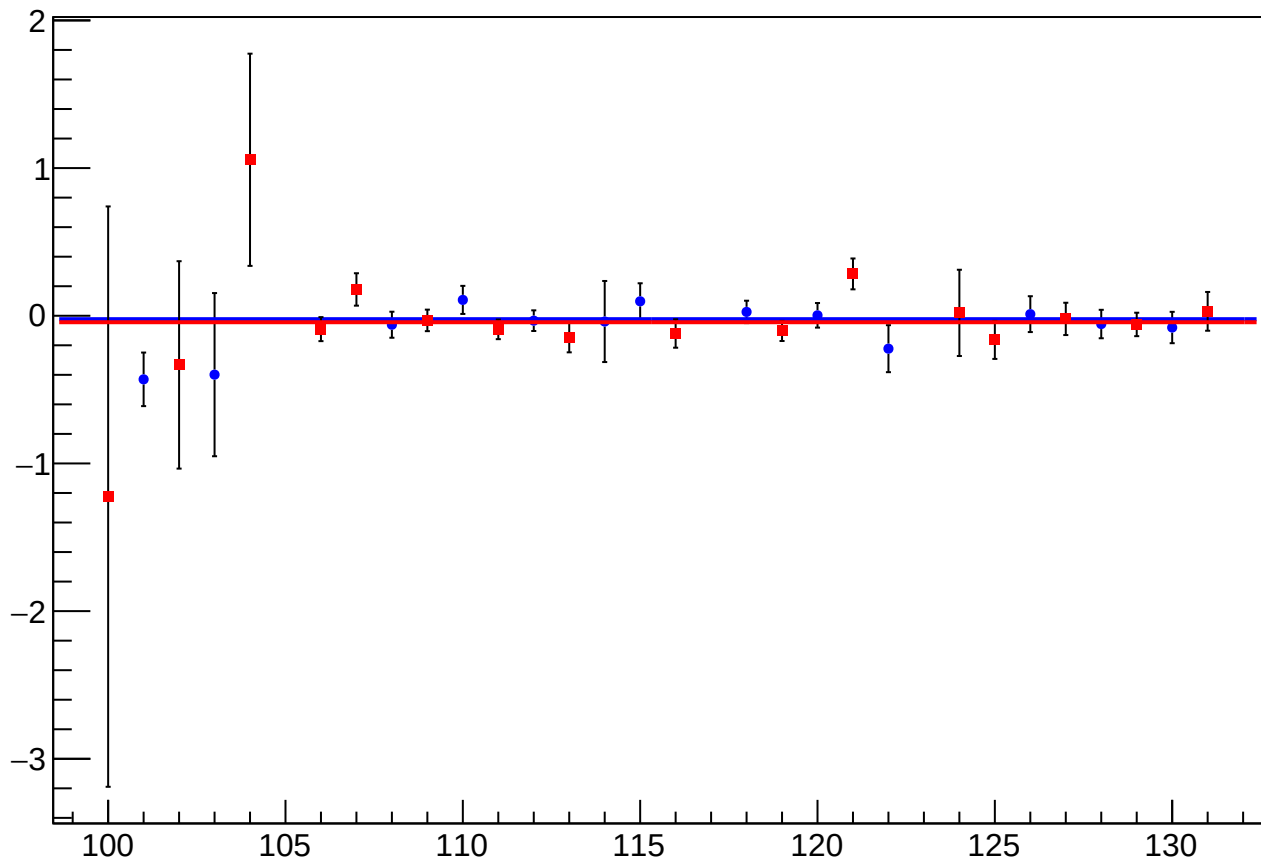
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 6037863.9/28

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.029 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.044 ± 0.025 χ^2/NDF : 21.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

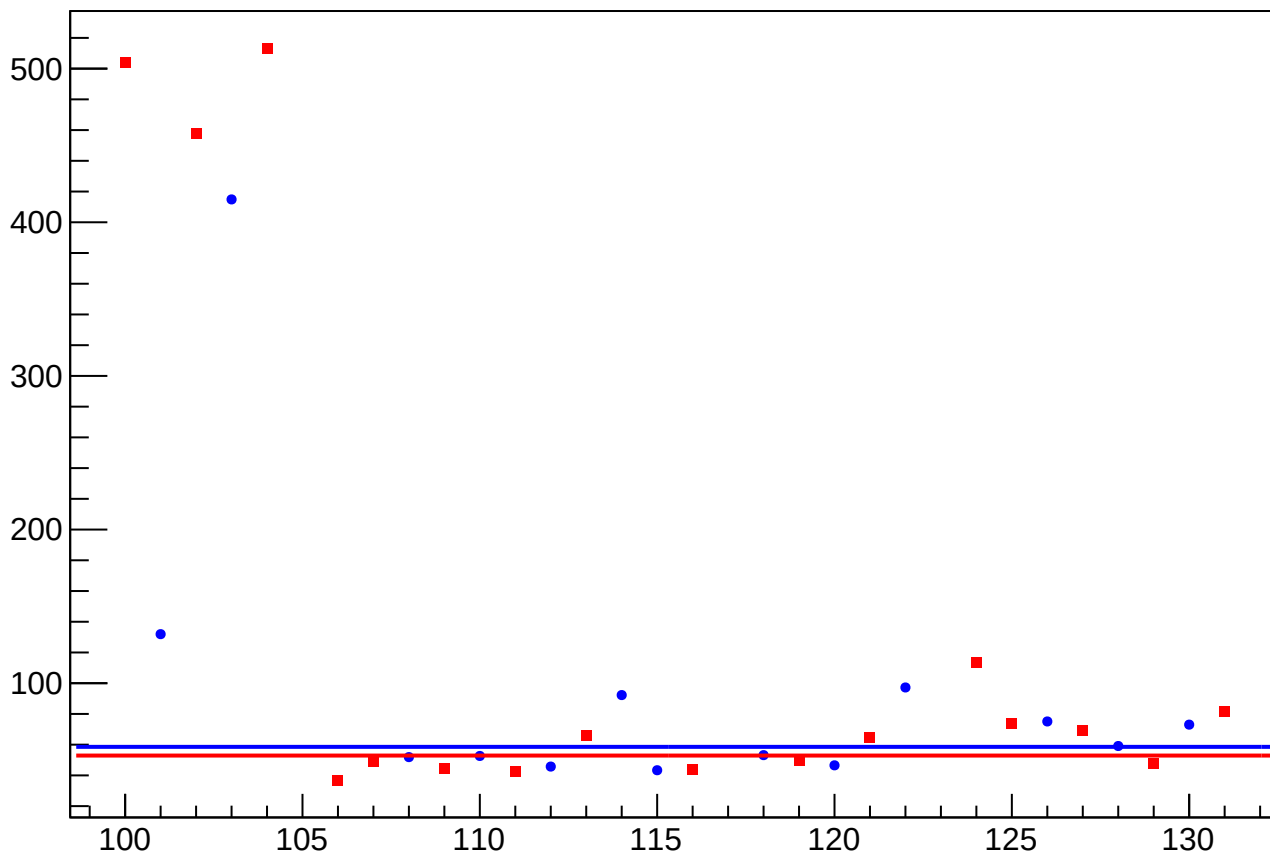
Right: -0.035 ± 0.019 χ^2/NDF : 32.8/28

In: -0.023 ± 0.029 χ^2/NDF : 11.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.019 χ^2/NDF : 32.8/28

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.909+/-0.018 χ^2/NDF : 2120017.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

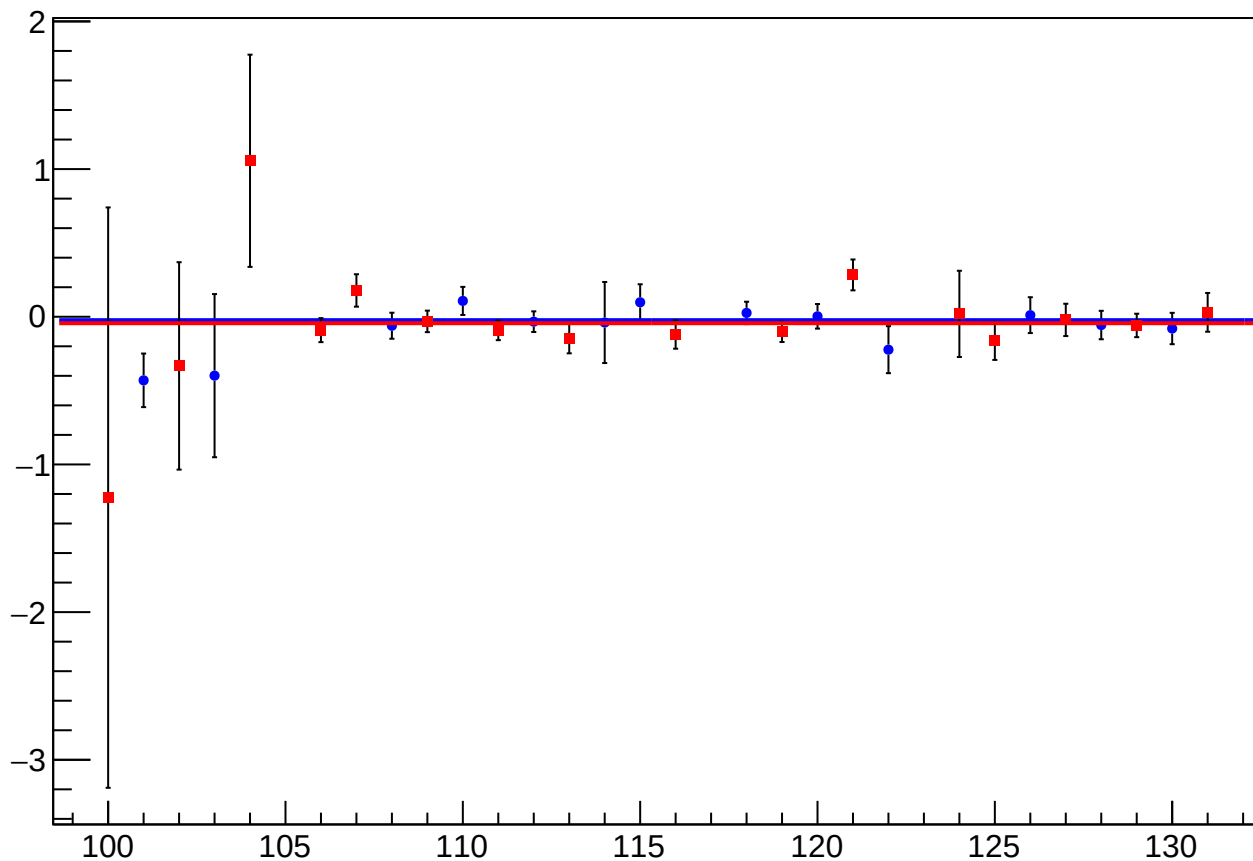
Right: 55.368+/-0.014 χ^2/NDF : 3713759.6/28

In: 58.575+/-0.021 χ^2/NDF :1550847.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.368+/-0.014 χ^2/NDF : 3713759.6/28

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

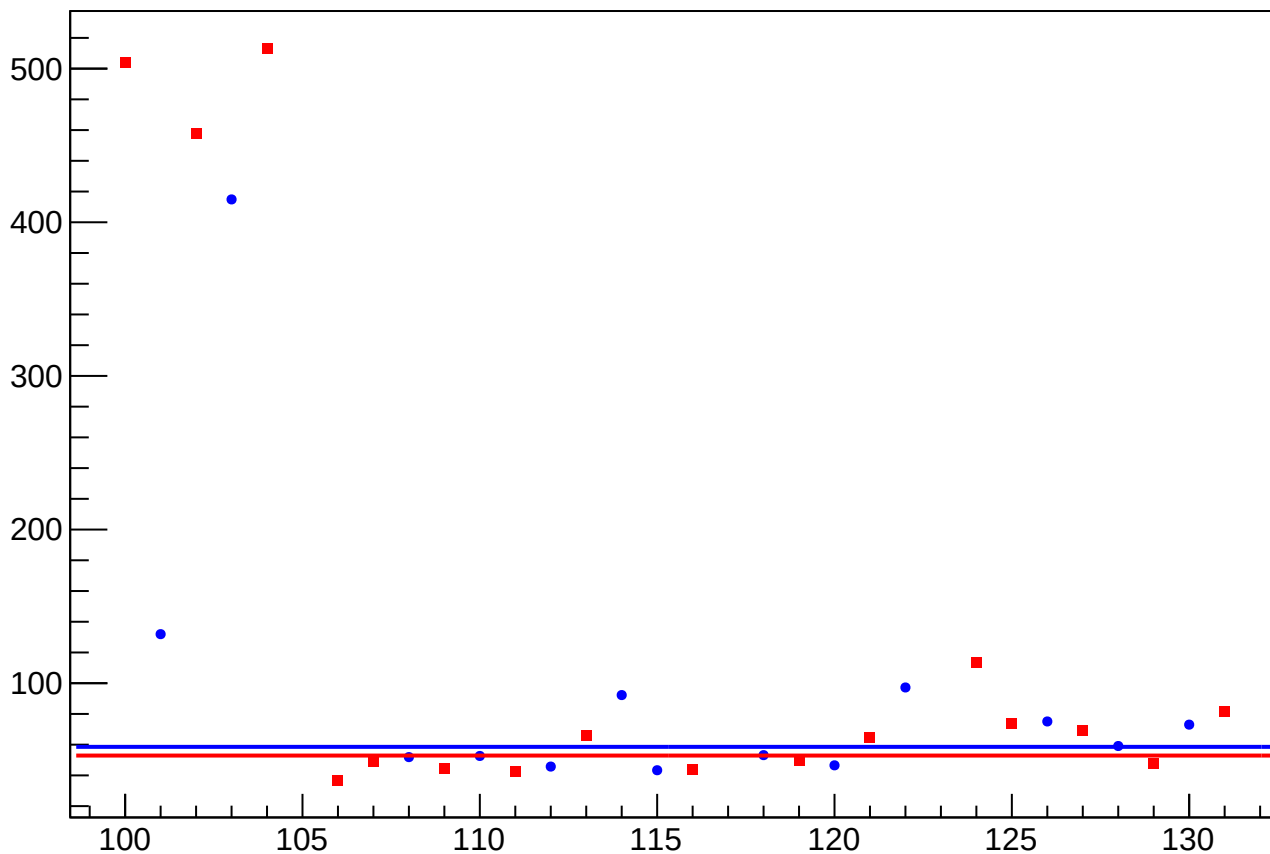
Right: -0.035+/-0.019 χ^2/NDF : 32.8/28

In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.035+/-0.019 χ^2/NDF : 32.8/28

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.909+/-0.018 χ^2/NDF : 2120017.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

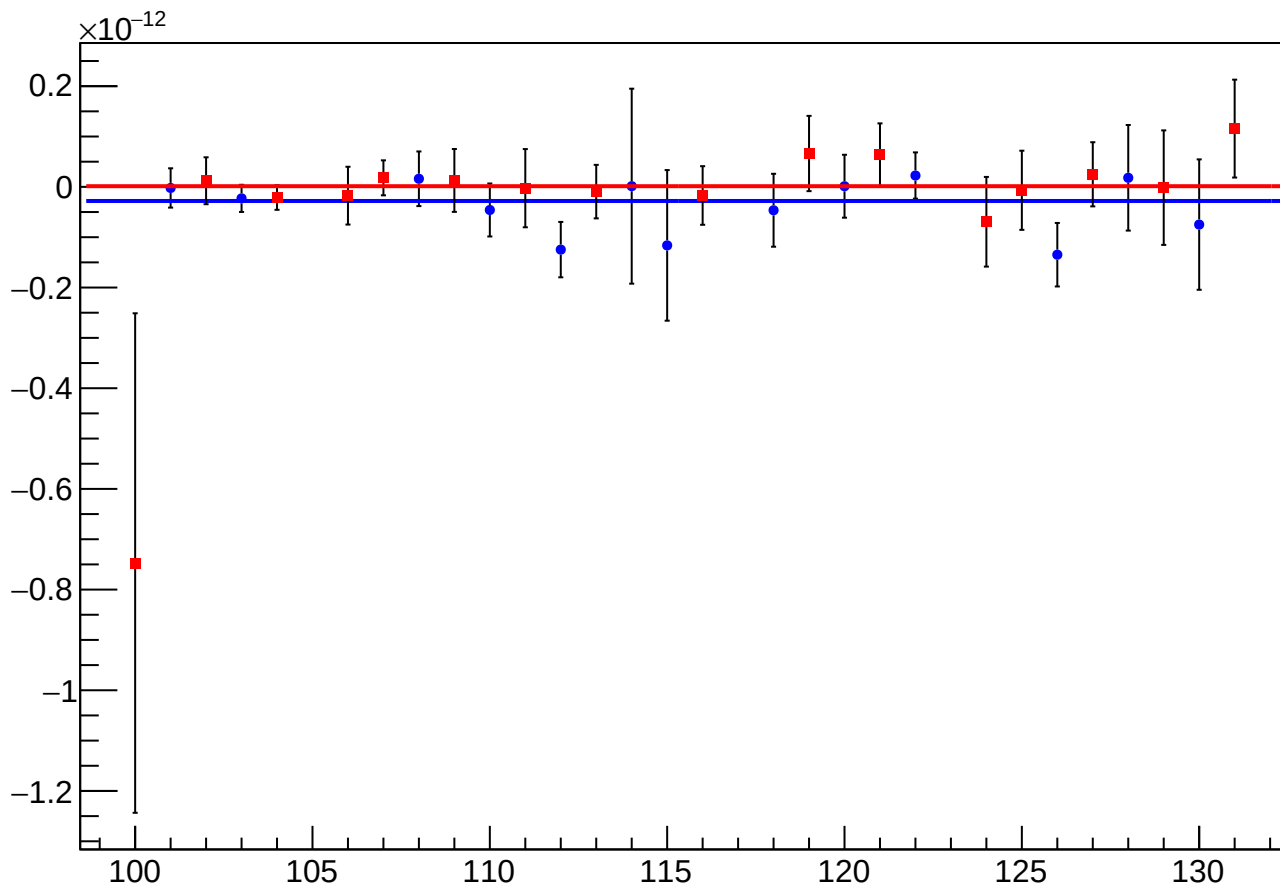
Right: 55.368+/-0.014 χ^2/NDF : 3713759.6/28

In: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.368+/-0.014 χ^2/NDF : 3713759.6/28

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

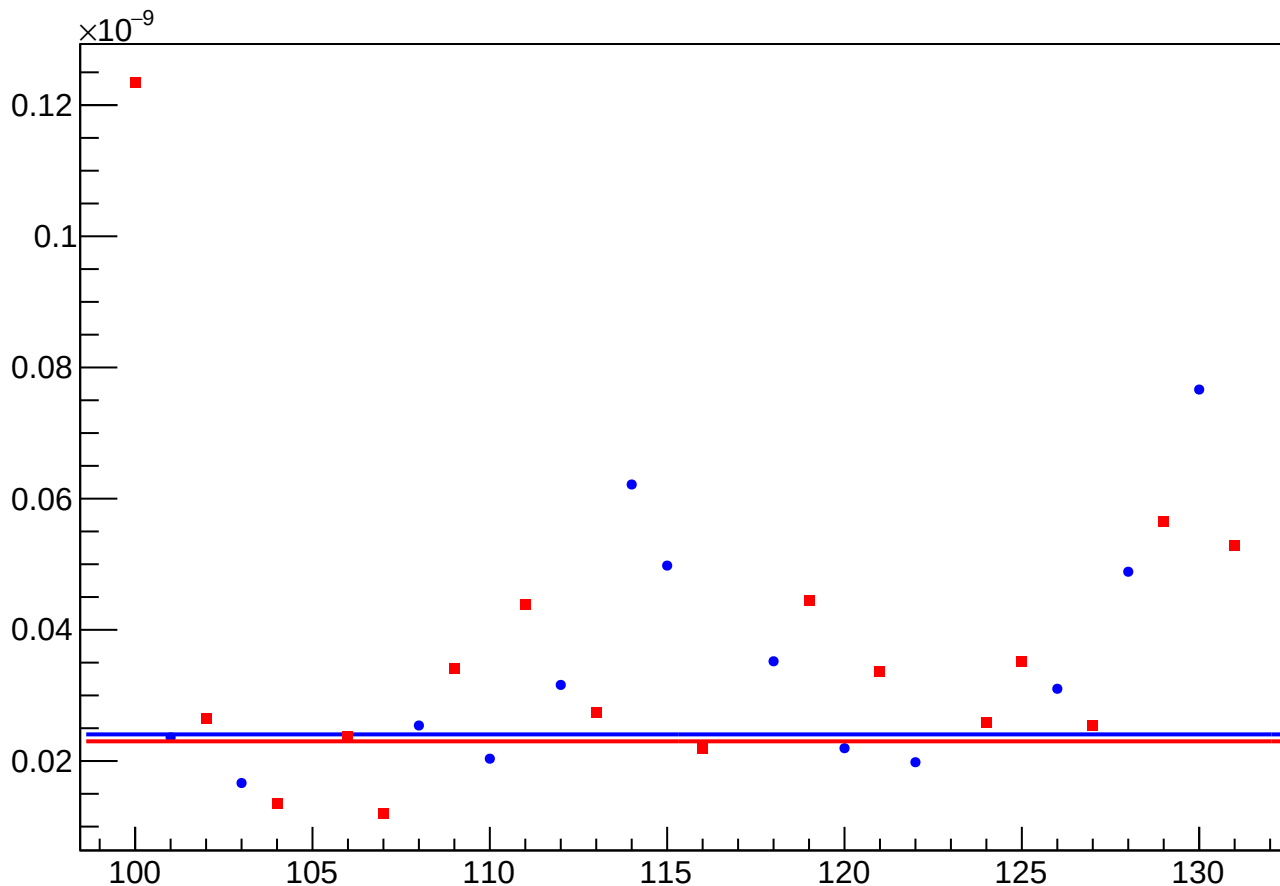
Right: -0.000+/-0.000 χ^2/NDF : 19.1/28

In: -0.000+/-0.000 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/28

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 869014.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1454526.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

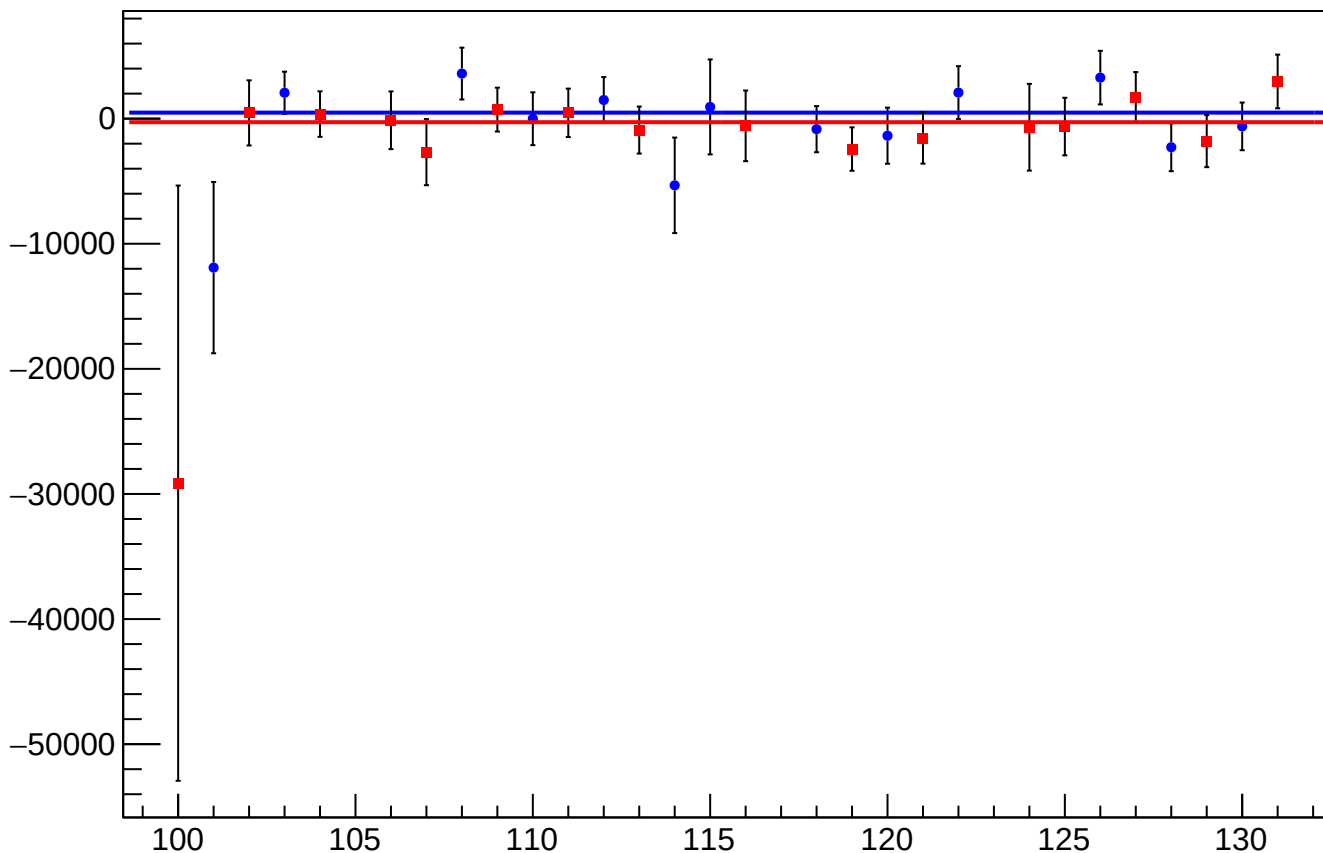
Right: 0.000+/-0.000 χ^2/NDF : 2329059.3/28

In: 0.000+/-0.000 χ^2/NDF :869014.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2329059.3/28

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 481.821 $\pm$ 603.187 χ^2 /NDF: 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -282.509 $\pm$ 548.443 χ^2 /NDF: 8.9/15

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

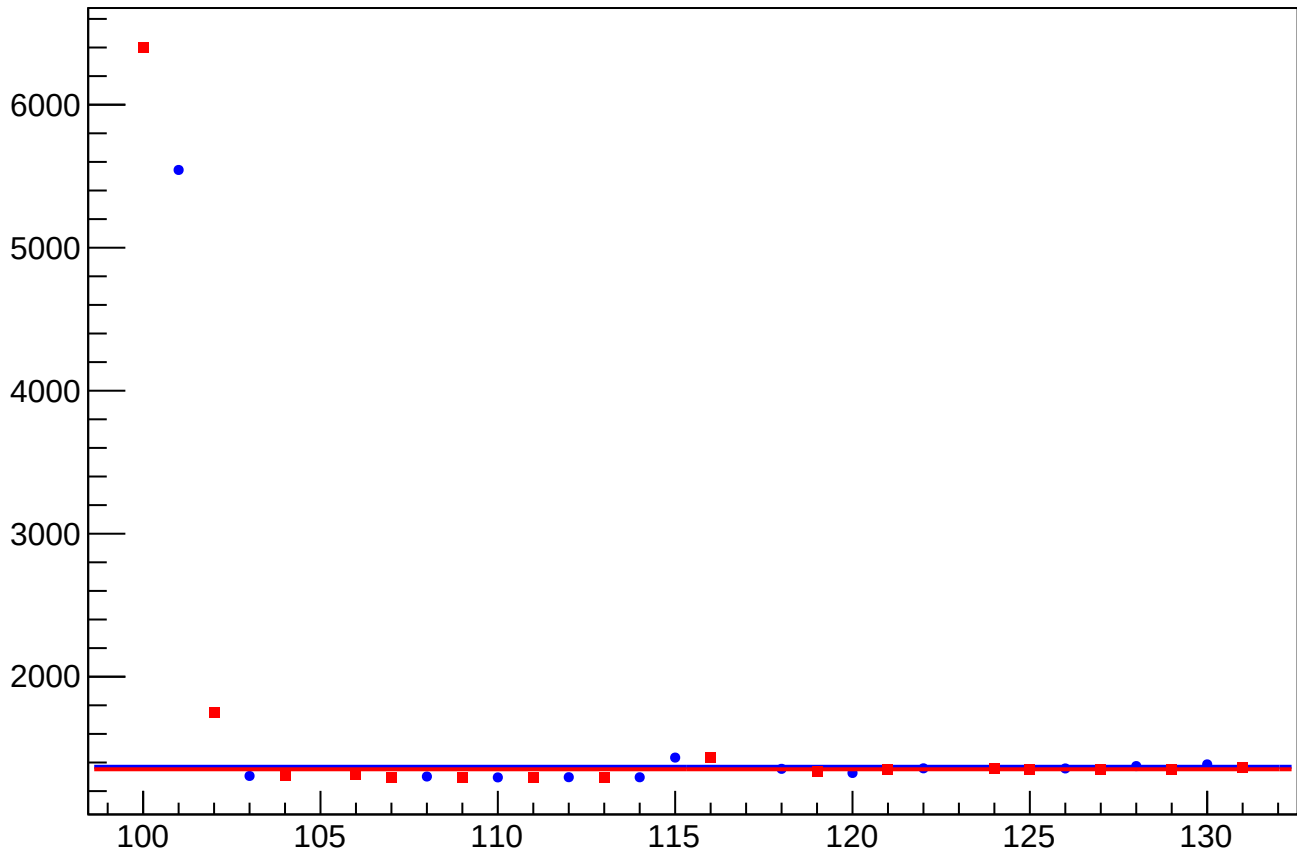
Right: 63.404 $\pm$ 405.784 χ^2 /NDF: 24.8/28

In: 481.821 $\pm$ 603.187 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.404 $\pm$ 405.784 χ^2 /NDF: 24.8/28

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1370.123+/-0.427 χ^2/NDF : 756245.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.707+/-0.388 χ^2/NDF : 146550.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

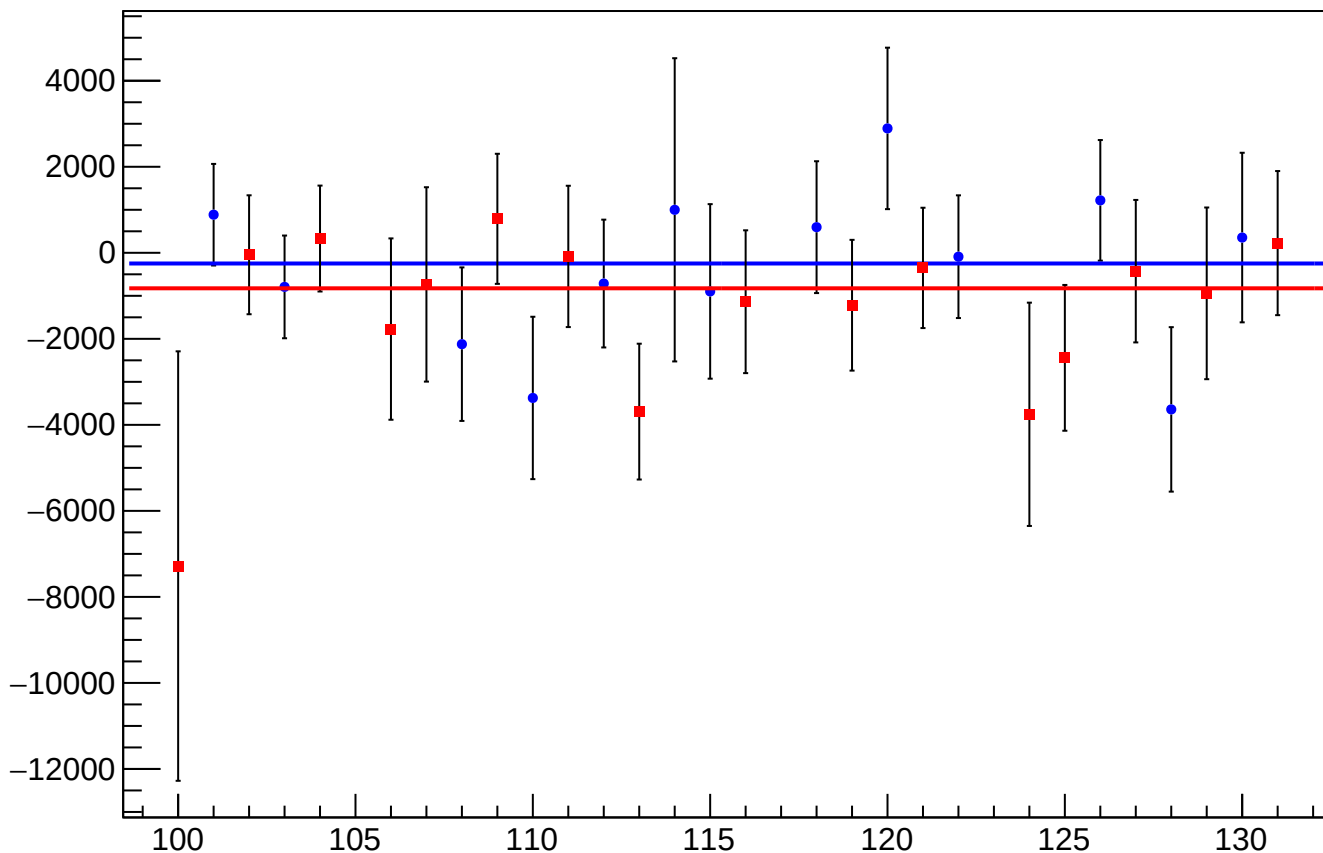
Right: 1360.589+/-0.287 χ^2/NDF : 903708.5/28

In: 1370.123+/-0.427 χ^2/NDF : 756245.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.589+/-0.287 χ^2/NDF : 903708.5/28

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -248.606+/-445.870 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -825.529+/-421.517 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

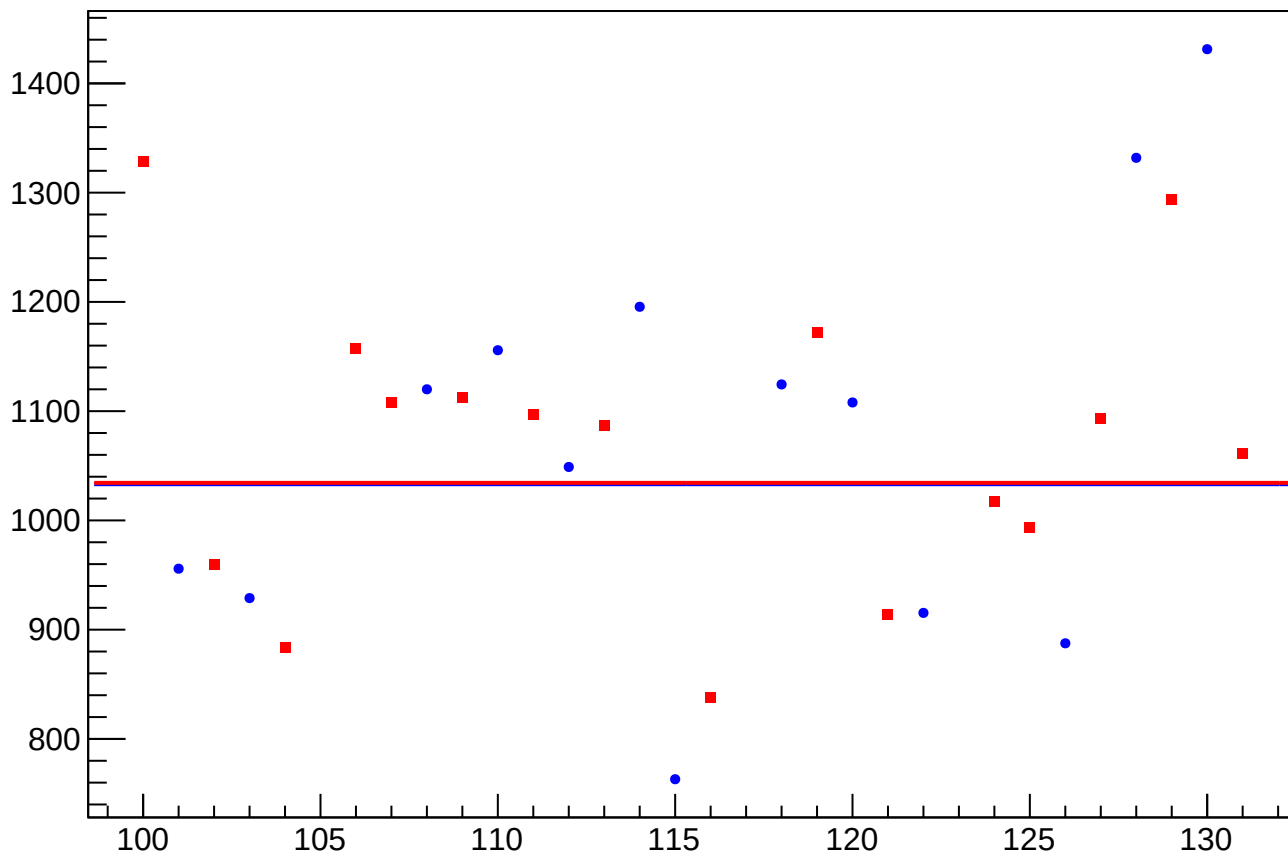
Right: -553.252+/-306.305 χ^2/NDF : 24.2/28

In: -248.606+/-445.870 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.252+/-306.305 χ^2/NDF : 24.2/28

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1033.168+/-0.315 χ^2/NDF : 252809.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.363+/-0.298 χ^2/NDF : 159429.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

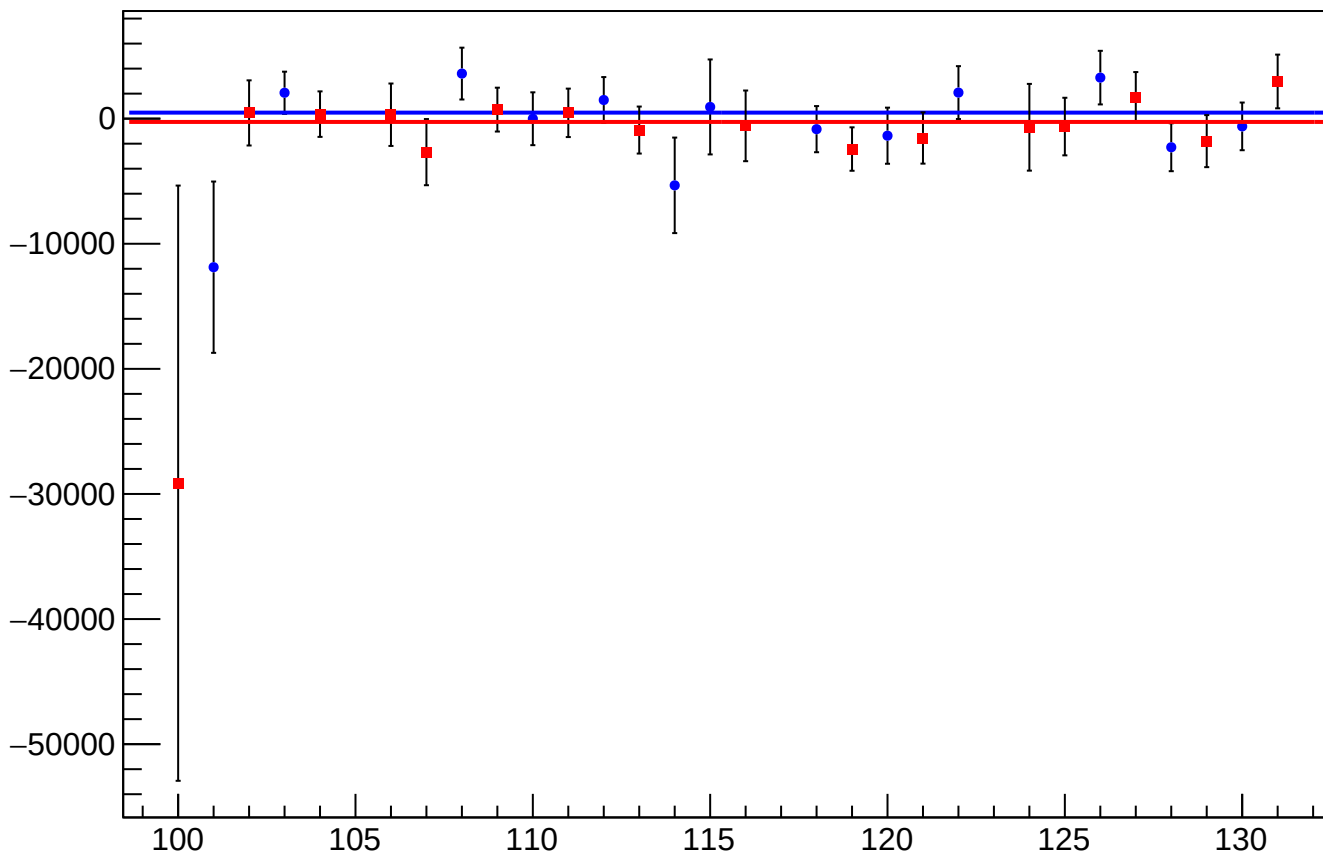
Right: 1033.799+/-0.217 χ^2/NDF : 412246.3/28

In: 1033.168+/-0.315 χ^2/NDF : 252809.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.799+/-0.217 χ^2/NDF : 412246.3/28

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.586+/-550.688 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

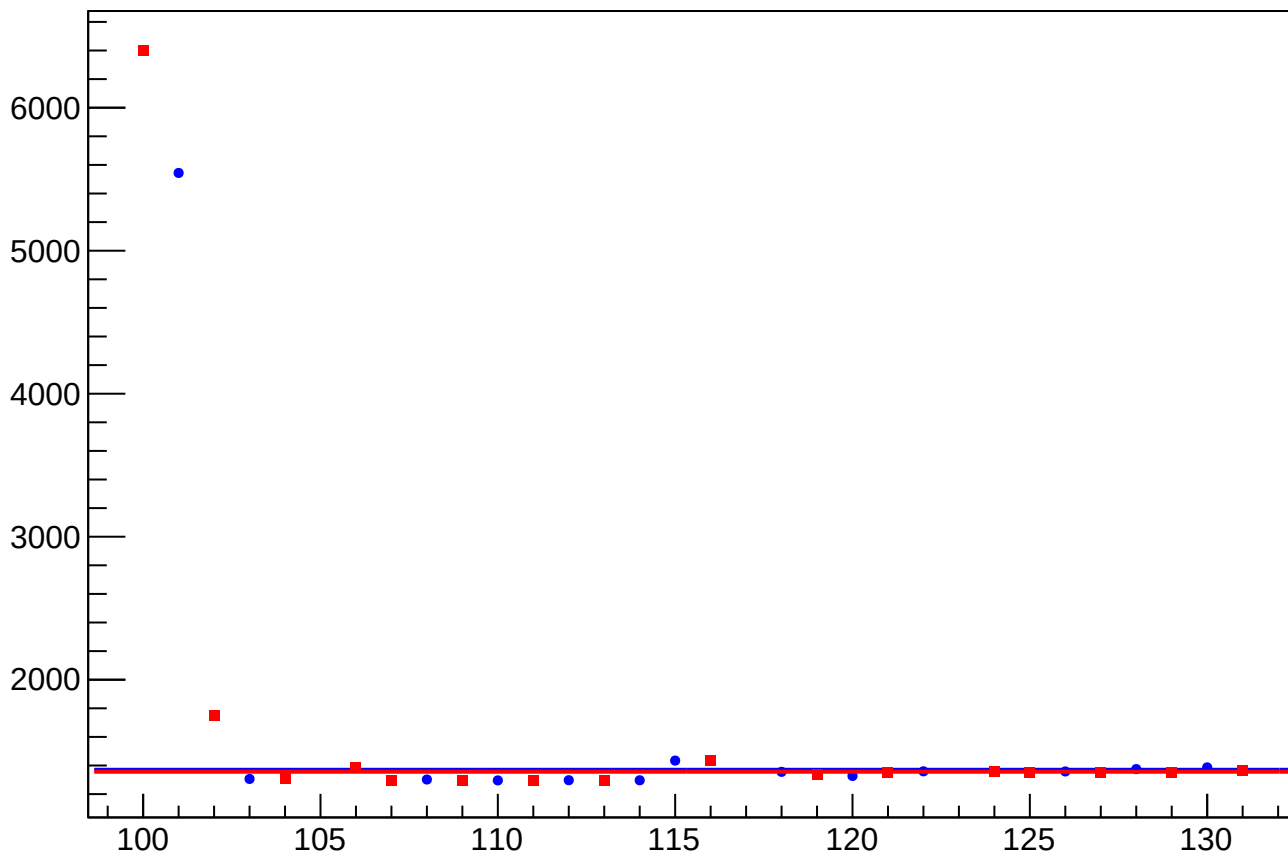
Right: 75.977+/-406.691 χ^2/NDF : 24.8/28

In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.977+/-406.691 χ^2/NDF : 24.8/28

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.468+/-0.389 χ^2/NDF : 146410.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

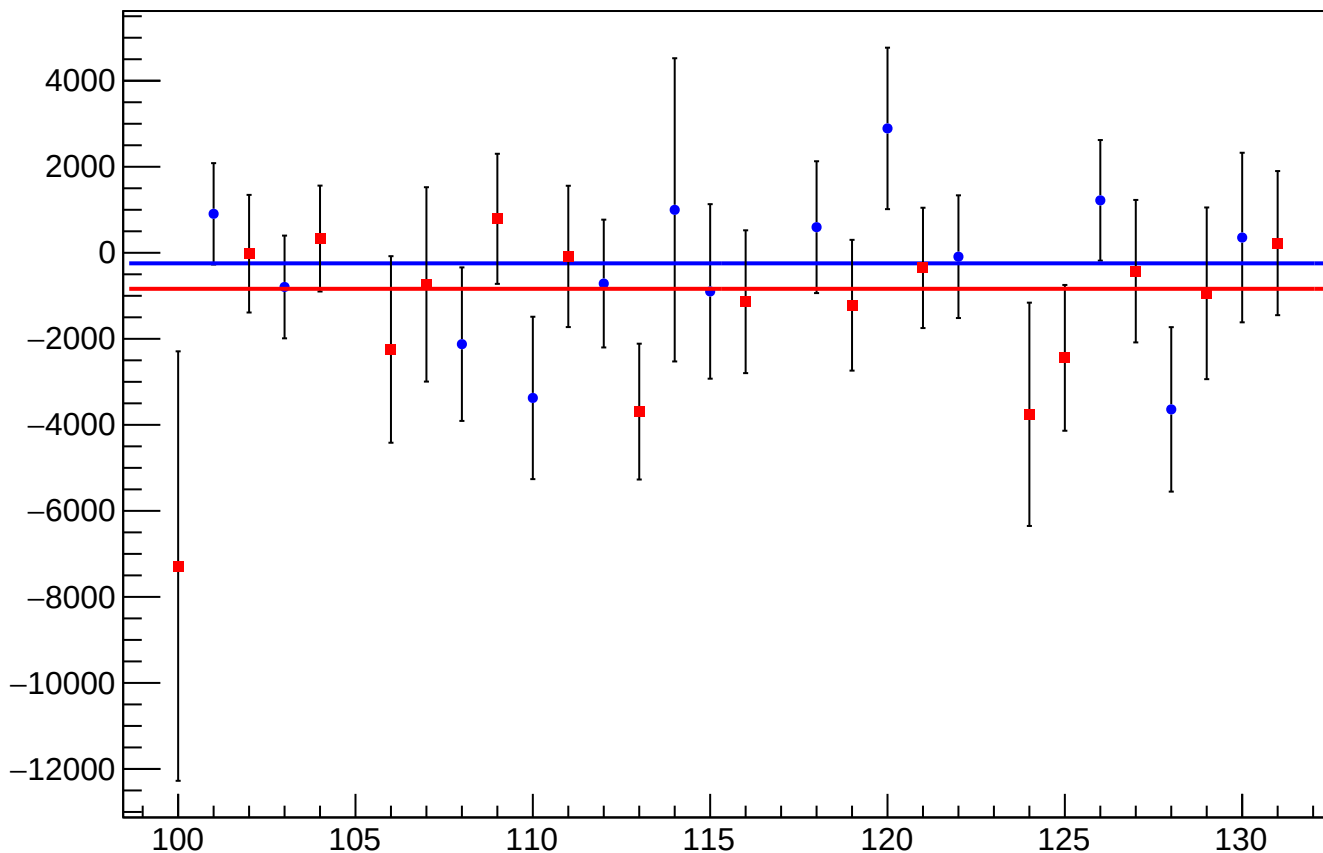
Right: 1362.676+/-0.288 χ^2/NDF : 903213.5/28

In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.676+/-0.288 χ^2/NDF : 903213.5/28

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.383+/-421.531 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

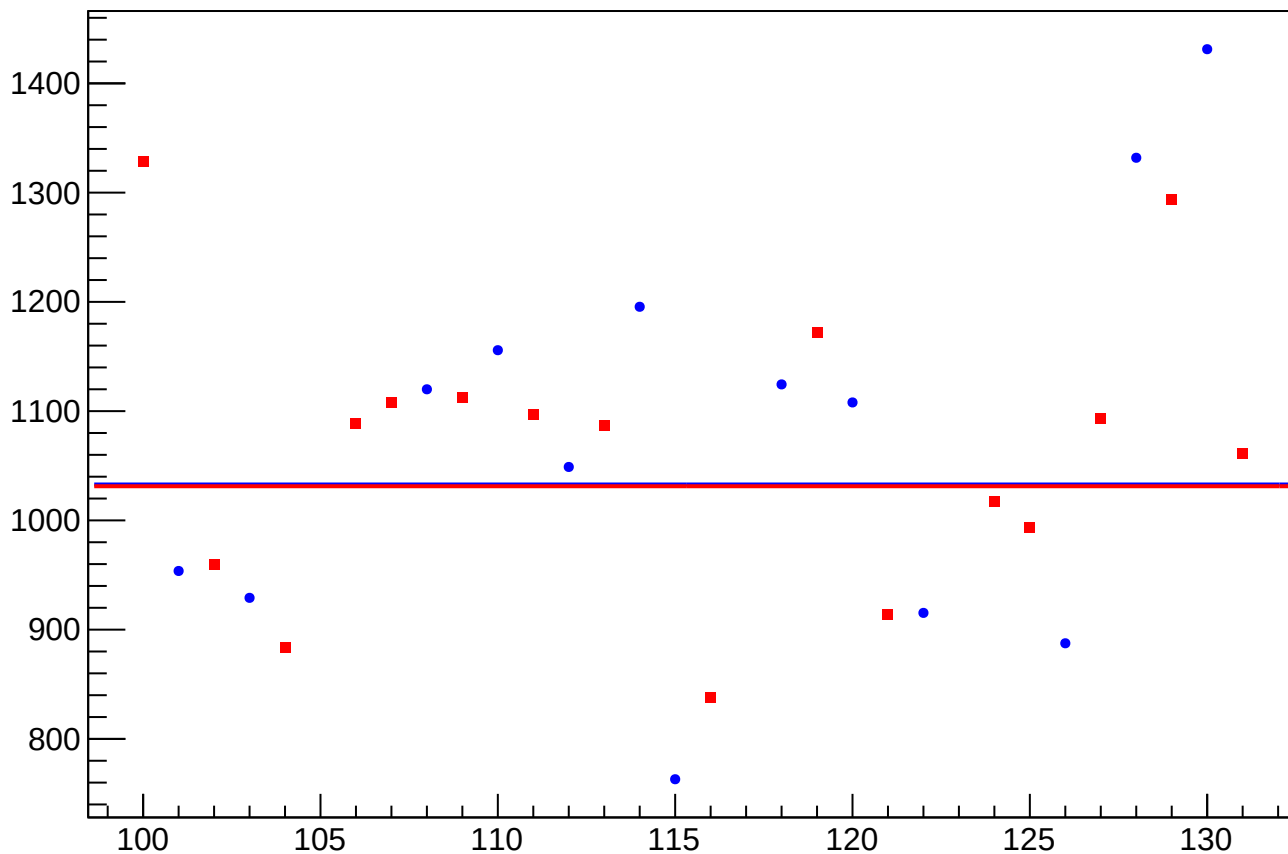
Right: -557.790+/-306.268 χ^2/NDF : 24.6/28

In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -557.790+/-306.268 χ^2/NDF : 24.6/28

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1031.253+/-0.298 χ^2/NDF : 154090.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

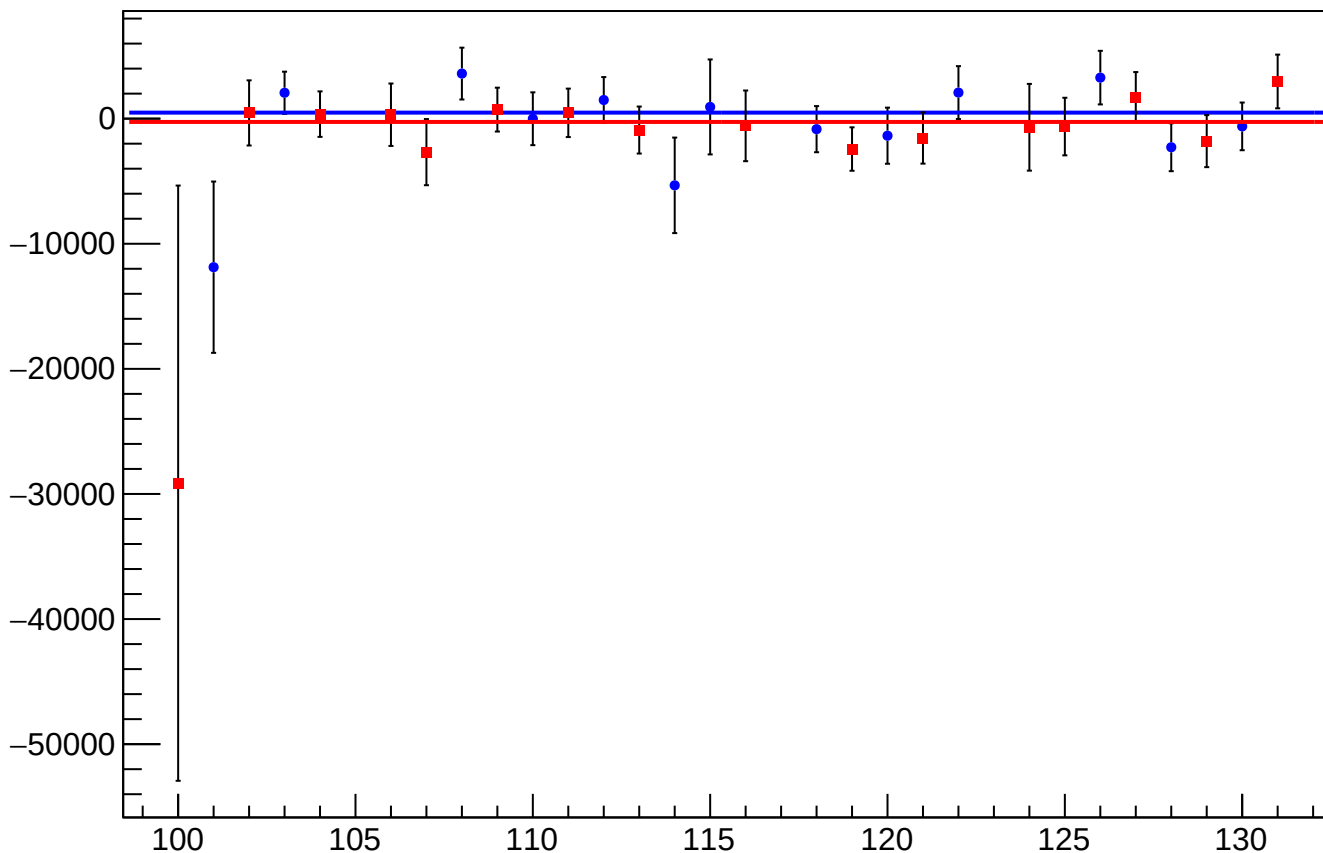
Right: 1032.007+/-0.217 χ^2/NDF : 407367.4/28

In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.007+/-0.217 χ^2/NDF : 407367.4/28

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.586+/-550.688 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

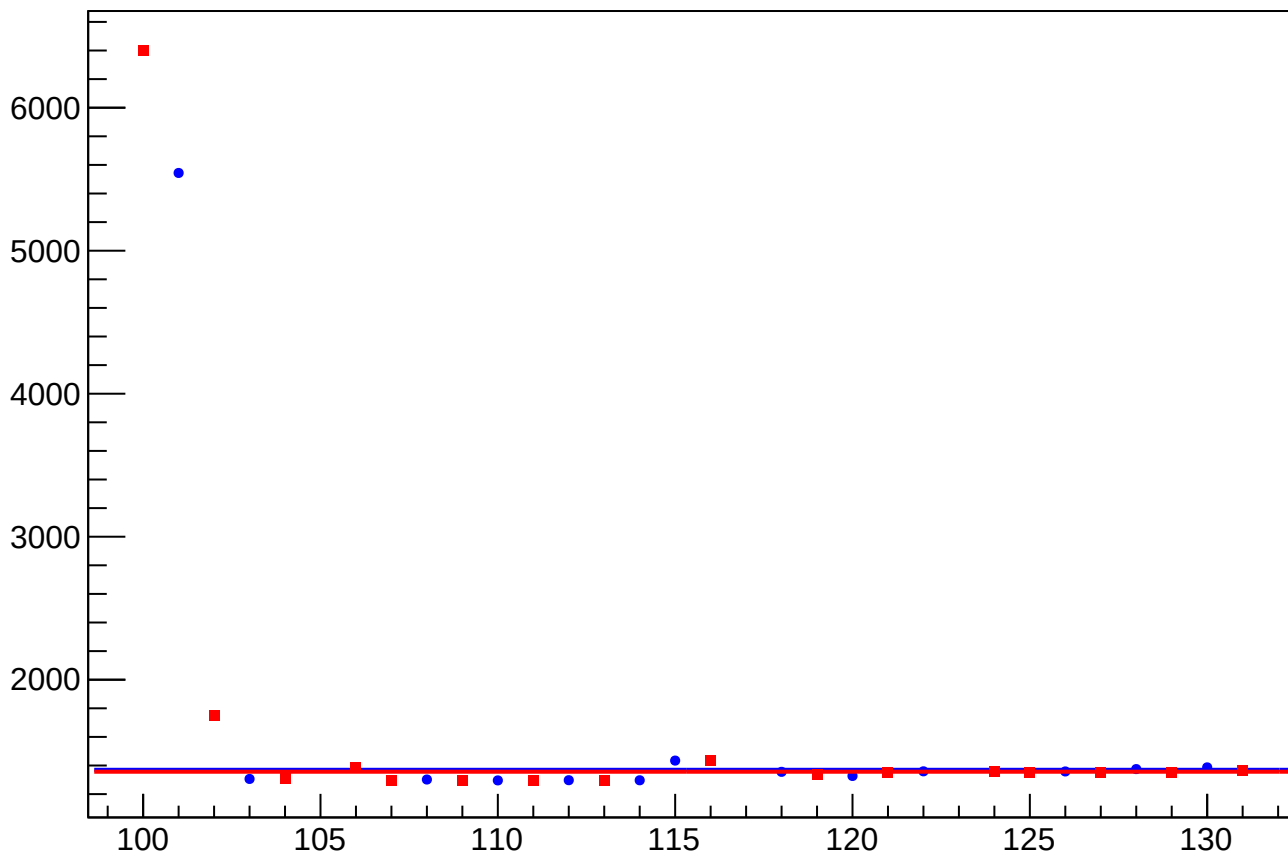
Right: 75.977+/-406.691 χ^2/NDF : 24.8/28

In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.977+/-406.691 χ^2/NDF : 24.8/28

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.468+/-0.389 χ^2/NDF : 146410.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

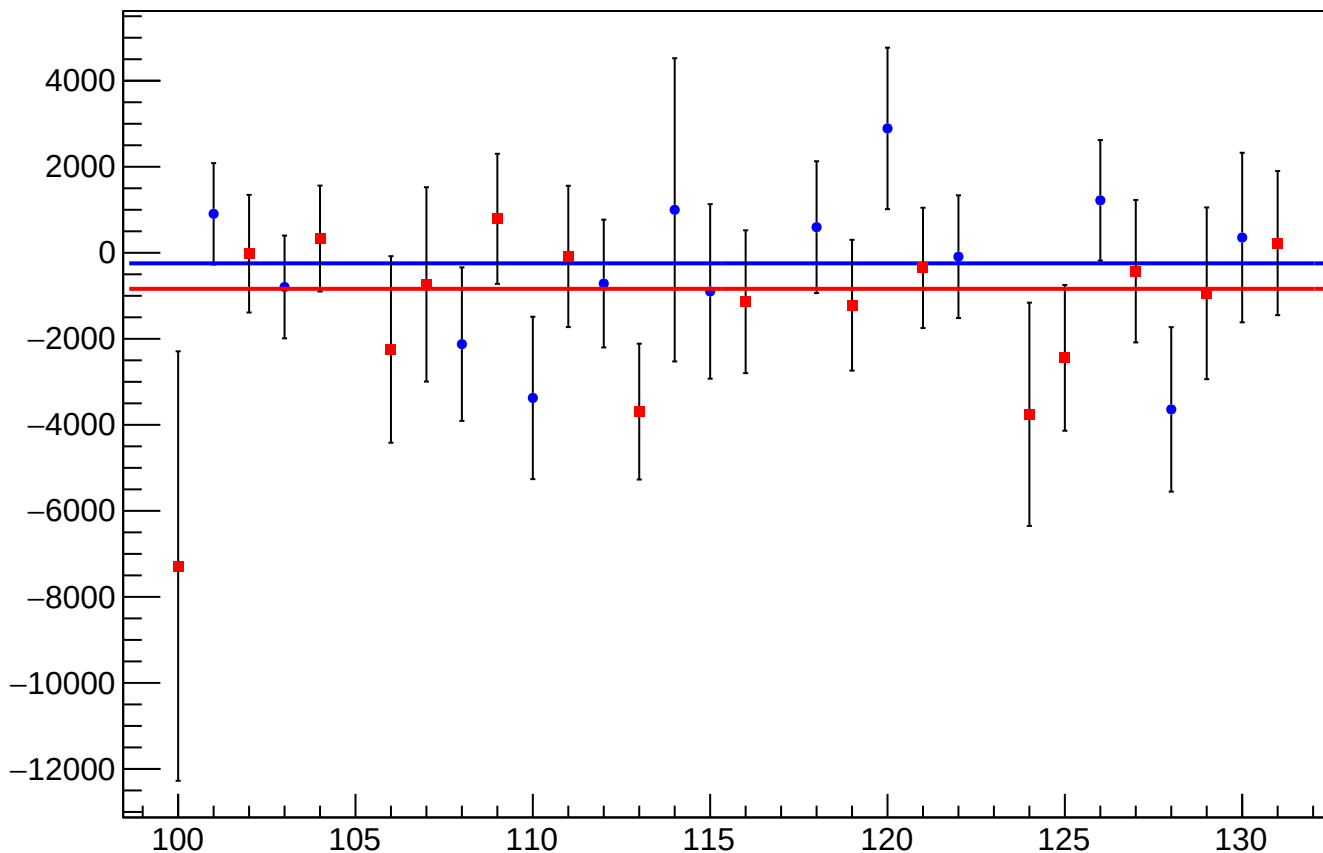
Right: 1362.676+/-0.288 χ^2/NDF : 903213.5/28

In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.676+/-0.288 χ^2/NDF : 903213.5/28

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.383+/-421.531 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

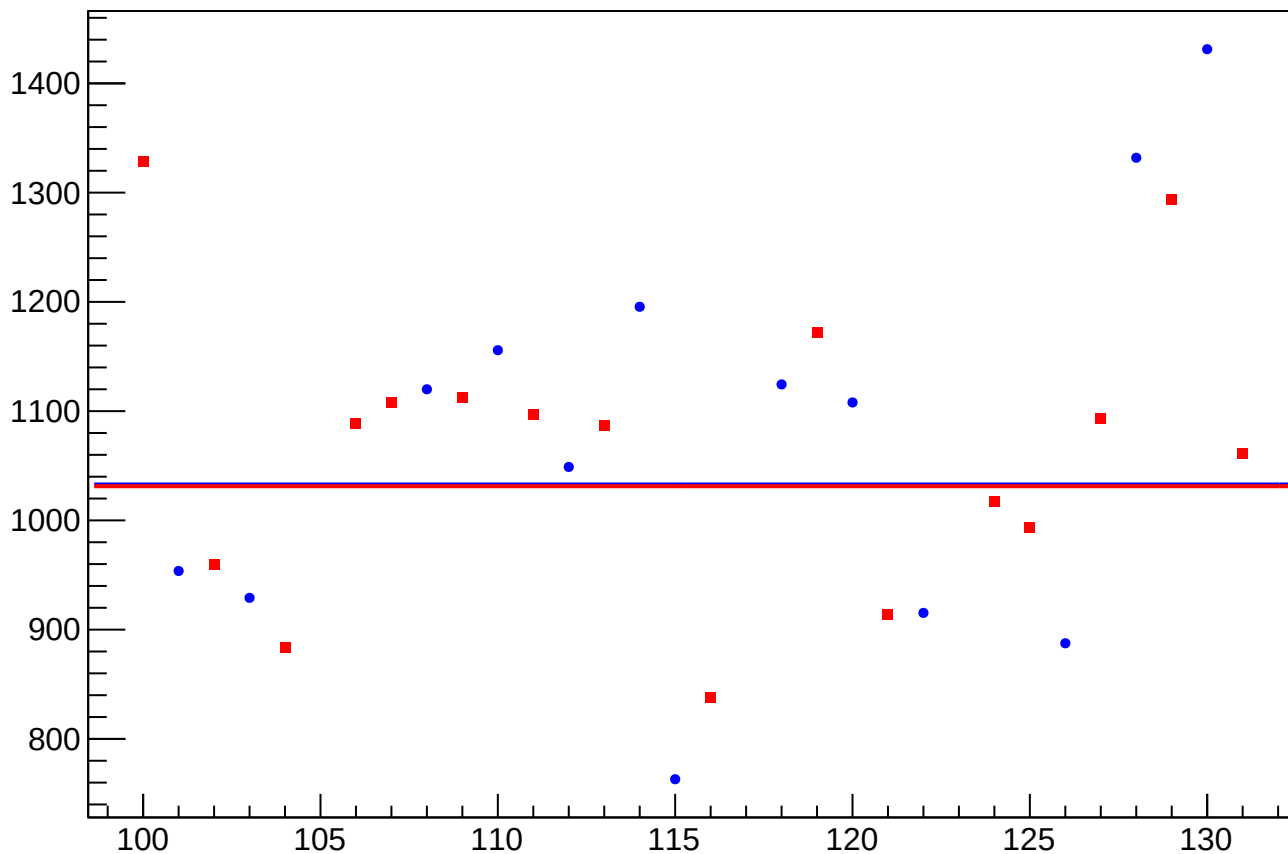
Right: -557.790+/-306.268 χ^2/NDF : 24.6/28

In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -557.790+/-306.268 χ^2/NDF : 24.6/28

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1031.253+/-0.298 χ^2/NDF : 154090.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

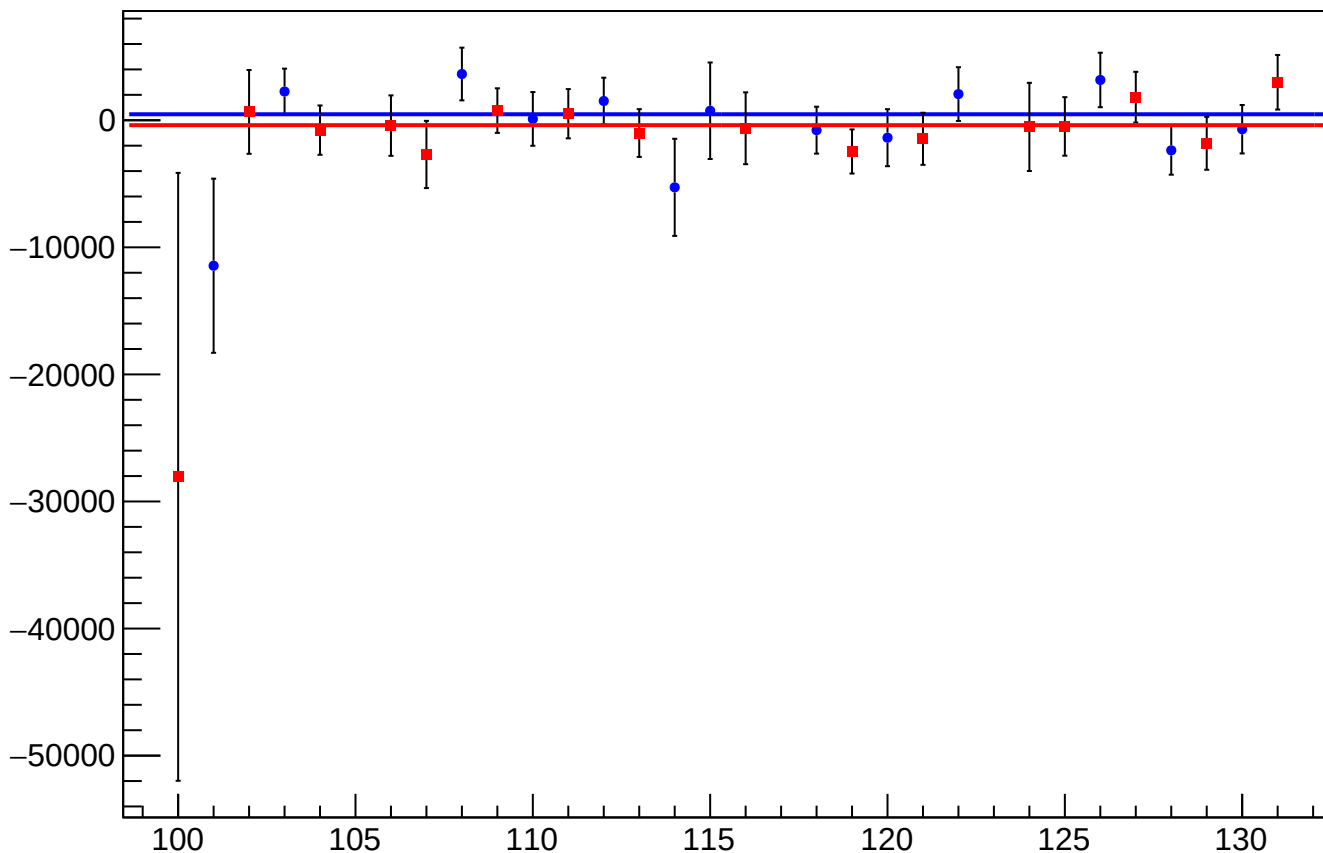
Right: 1032.007+/-0.217 χ^2/NDF : 407367.4/28

In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.007+/-0.217 χ^2/NDF : 407367.4/28

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 470.941 $\pm$ 608.365 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -387.337 $\pm$ 557.470 χ^2 /NDF: 8.9/15

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

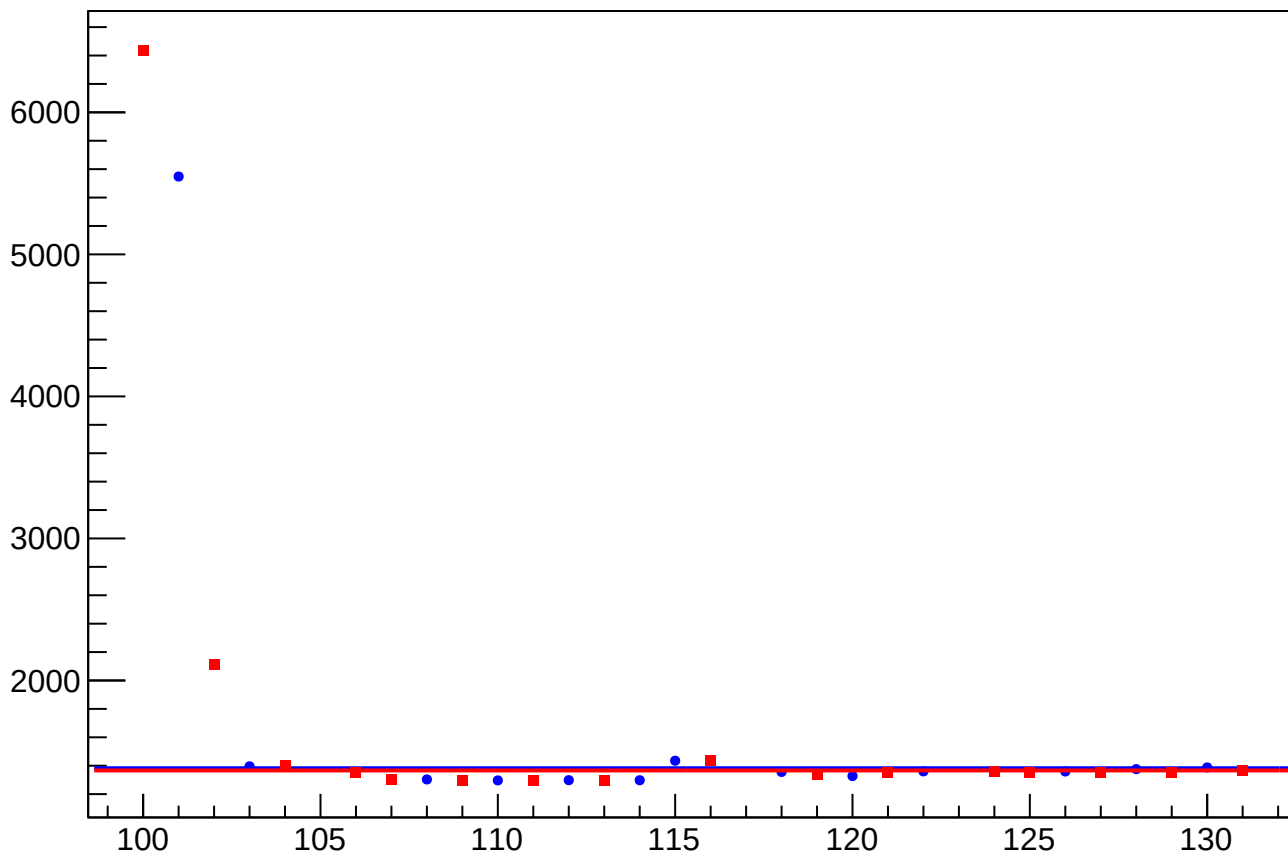
Right: 4.404 $\pm$ 411.008 χ^2 /NDF: 24.8/28

In: 470.941 $\pm$ 608.365 χ^2 /NDF:14.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.404 $\pm$ 411.008 χ^2 /NDF: 24.8/28

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.759+/-0.394 χ^2/NDF : 203807.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

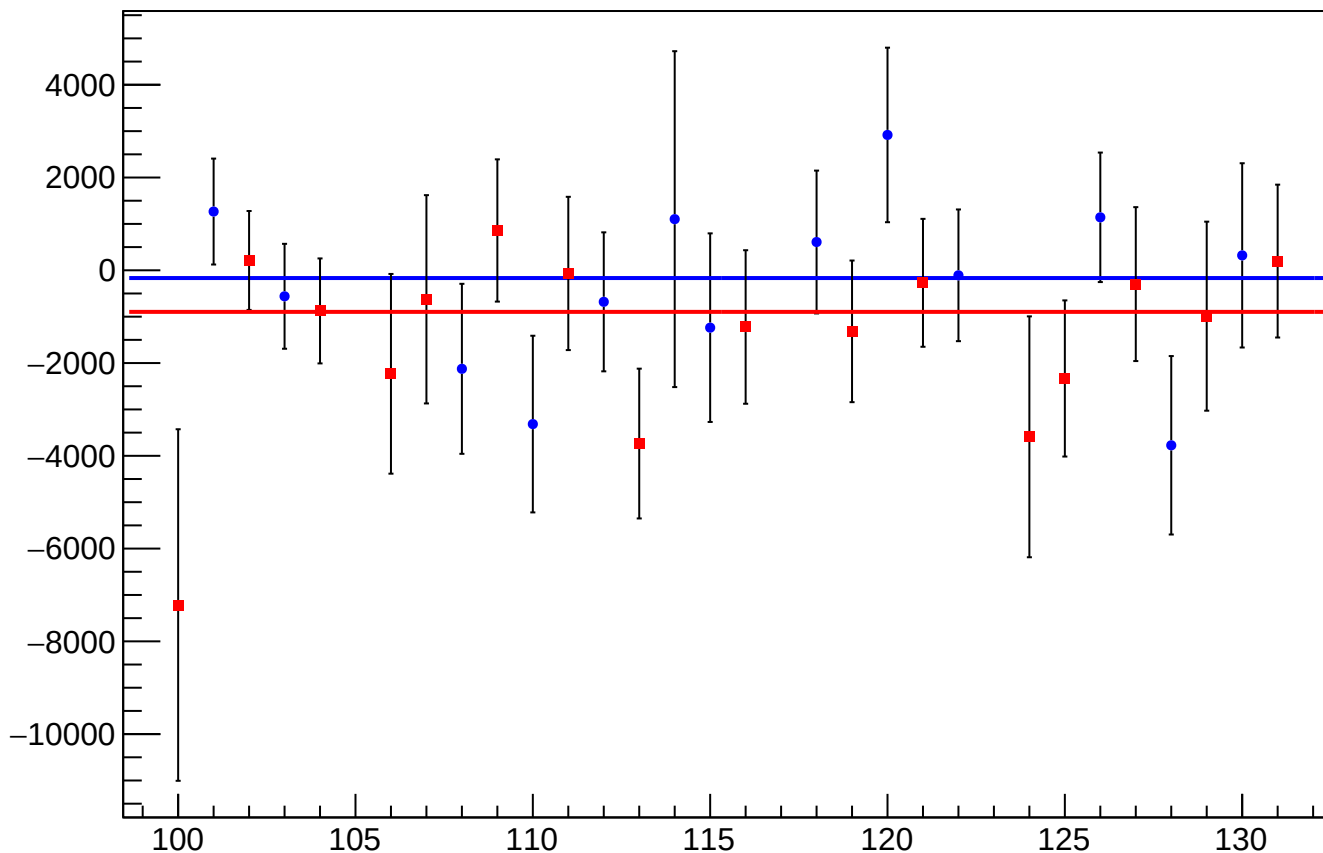
Right: 1373.765+/-0.291 χ^2/NDF : 957623.6/28

In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.765+/-0.291 χ^2/NDF : 957623.6/28

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -167.097 $\pm$ 441.827 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -896.482 $\pm$ 404.471 χ^2 /NDF: 11.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

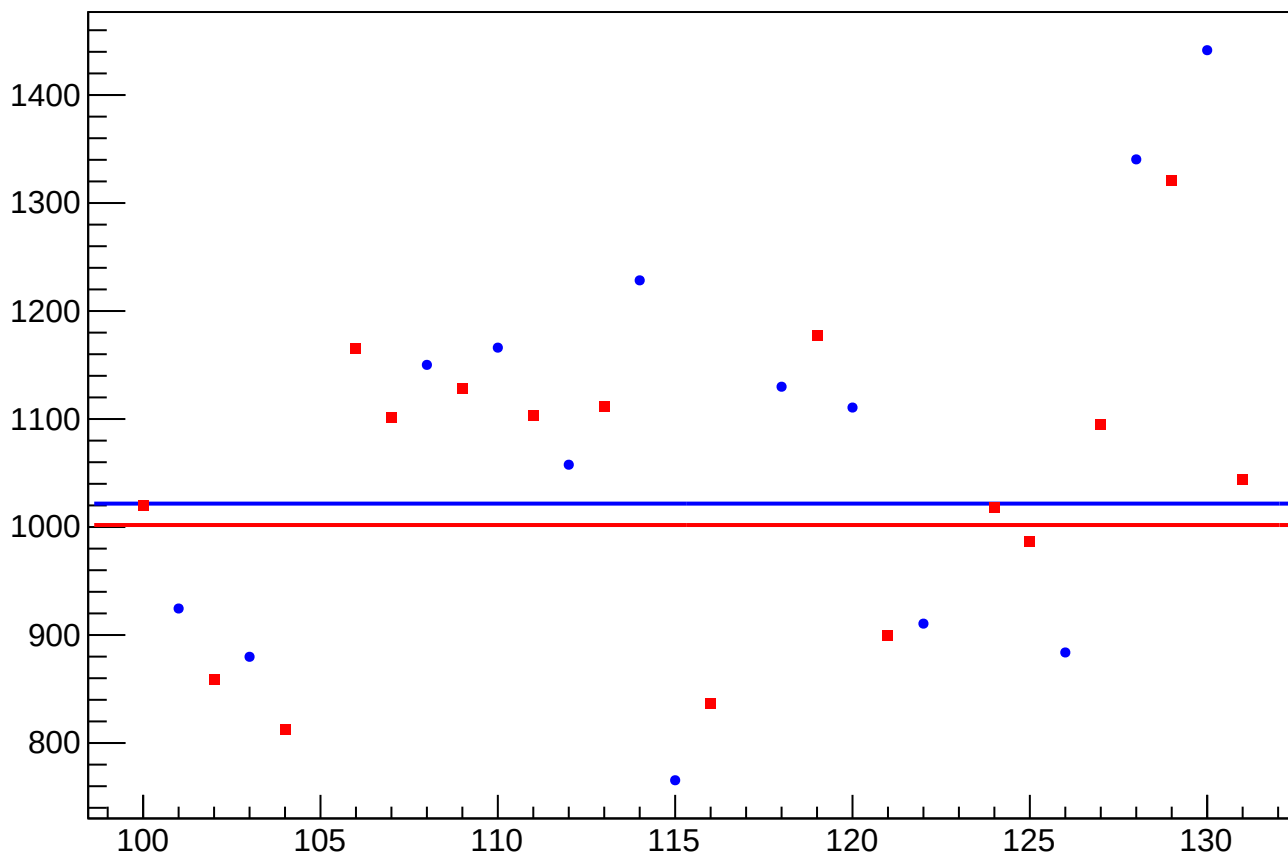
Right: -563.922 $\pm$ 298.338 χ^2 /NDF: 26.6/28

In: -167.097 $\pm$ 441.827 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -563.922 $\pm$ 298.338 χ^2 /NDF: 26.6/28

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.676+/-0.312 χ^2/NDF : 297028.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.847+/-0.286 χ^2/NDF : 251859.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

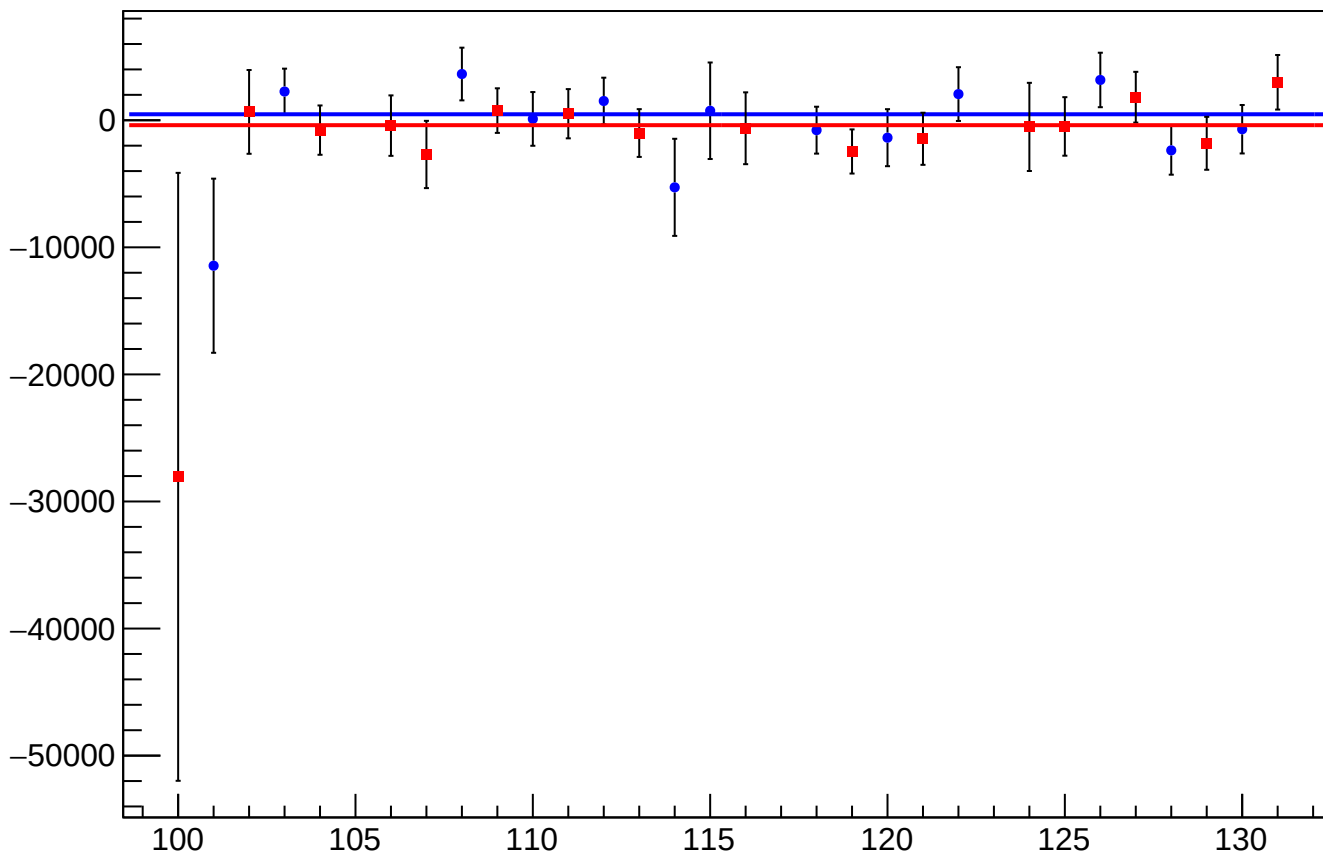
Right: 1010.888+/-0.211 χ^2/NDF : 551078.8/28

In: 1021.676+/-0.312 χ^2/NDF : 297028.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.888+/-0.211 χ^2/NDF : 551078.8/28

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 470.943+/-608.365 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.335+/-557.470 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

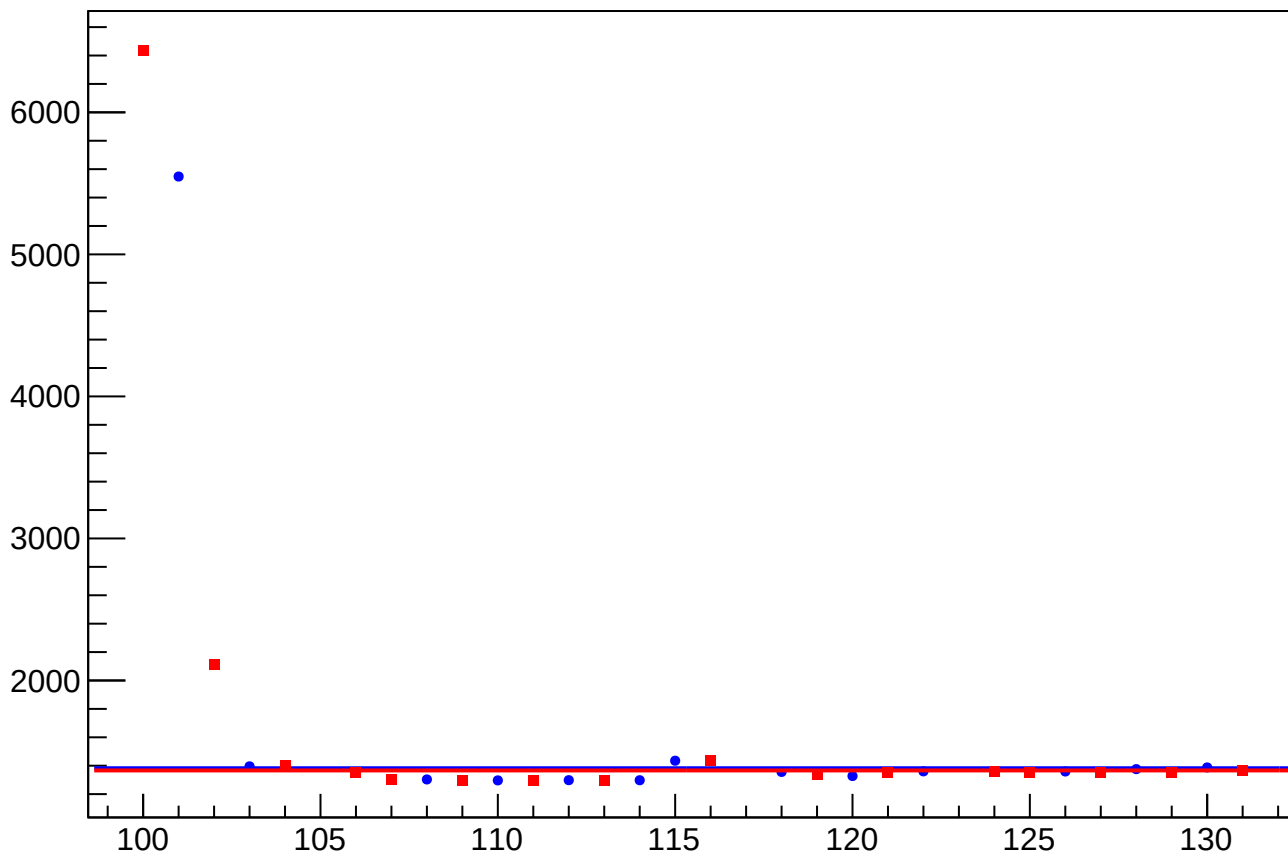
Right: 4.406+/-411.008 χ^2/NDF : 24.8/28

In: 470.943+/-608.365 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.406+/-411.008 χ^2/NDF : 24.8/28

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.759+/-0.394 χ^2/NDF : 203807.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

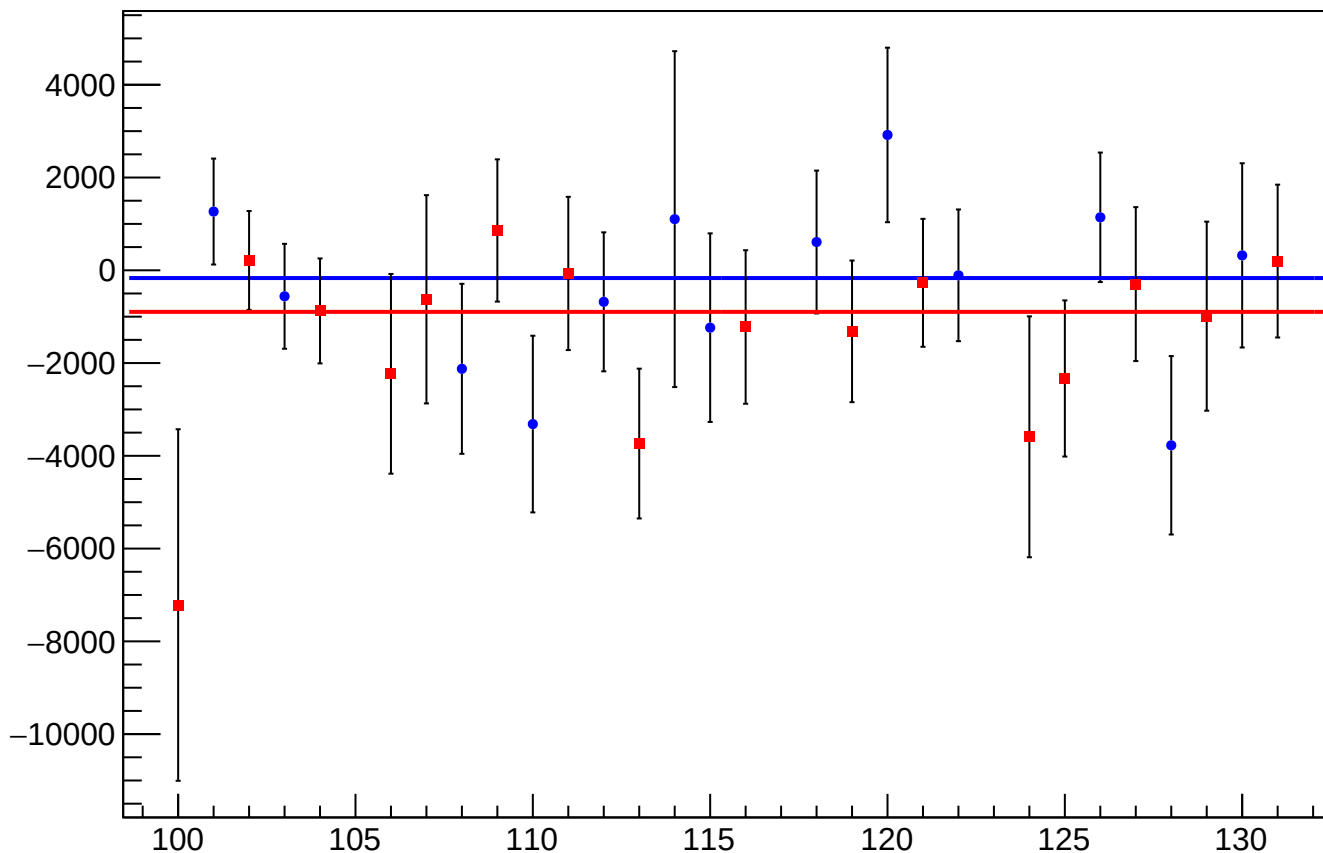
Right: 1373.765+/-0.291 χ^2/NDF : 957623.5/28

In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.765+/-0.291 χ^2/NDF : 957623.5/28

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -167.097+/-441.826 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -896.481+/-404.471 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

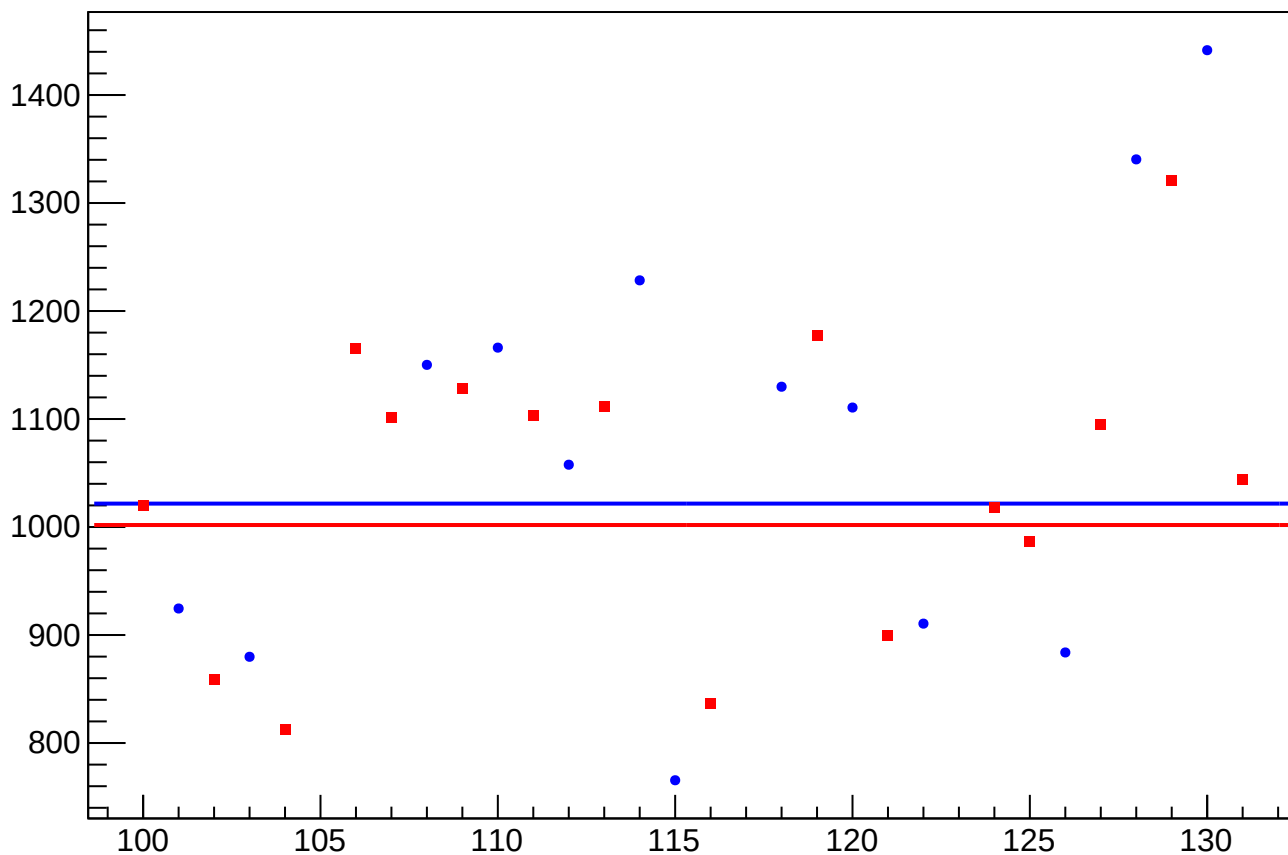
Right: -563.921+/-298.338 χ^2/NDF : 26.6/28

In: -167.097+/-441.826 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.921+/-298.338 χ^2/NDF : 26.6/28

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.674+/-0.312 χ^2/NDF : 297022.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.846+/-0.286 χ^2/NDF : 251852.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

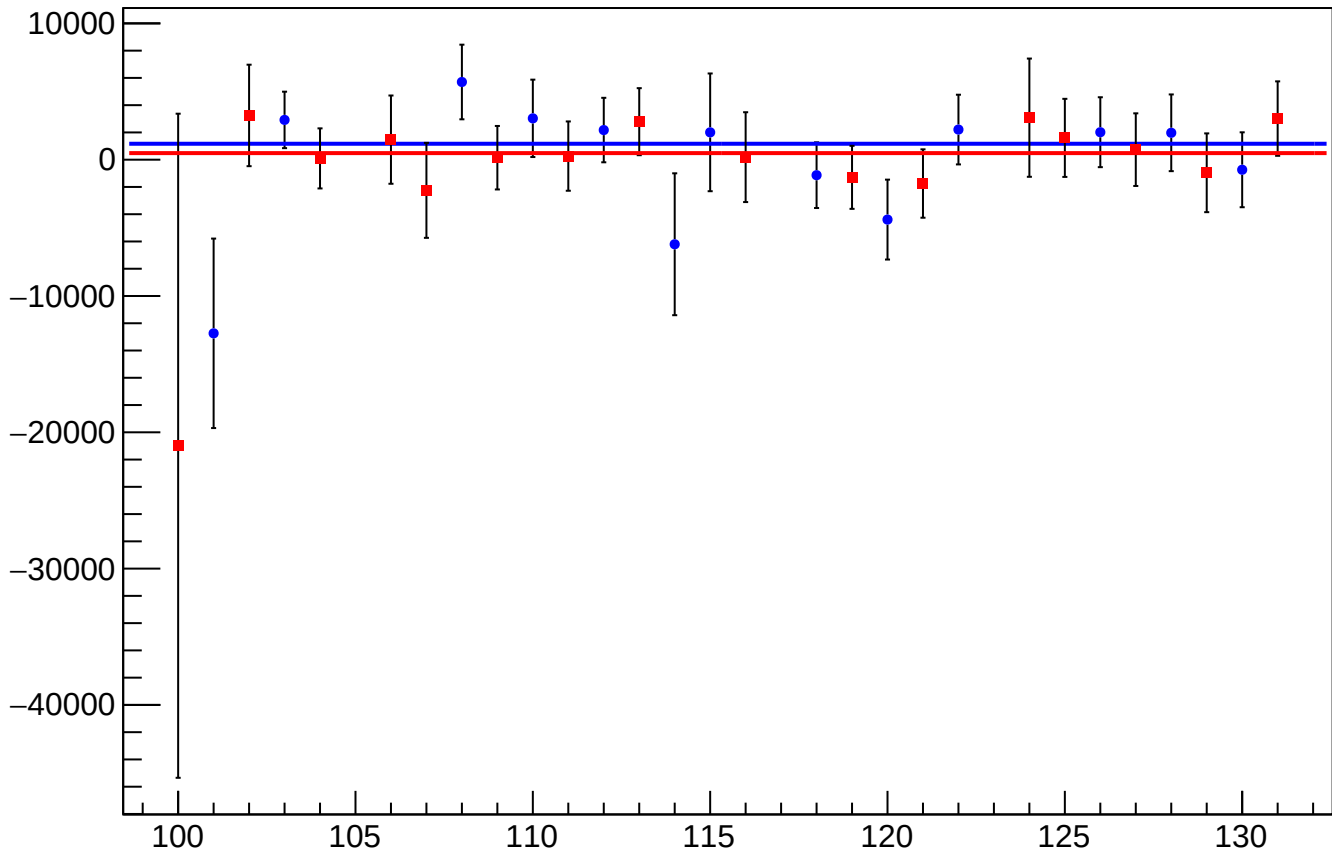
Right: 1010.887+/-0.211 χ^2/NDF : 551066.2/28

In: 1021.674+/-0.312 χ^2/NDF : 297022.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.887+/-0.211 χ^2/NDF : 551066.2/28

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1169.285 $\pm$ 782.516 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.931 $\pm$ 712.491 χ^2 /NDF: 6.0/15

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

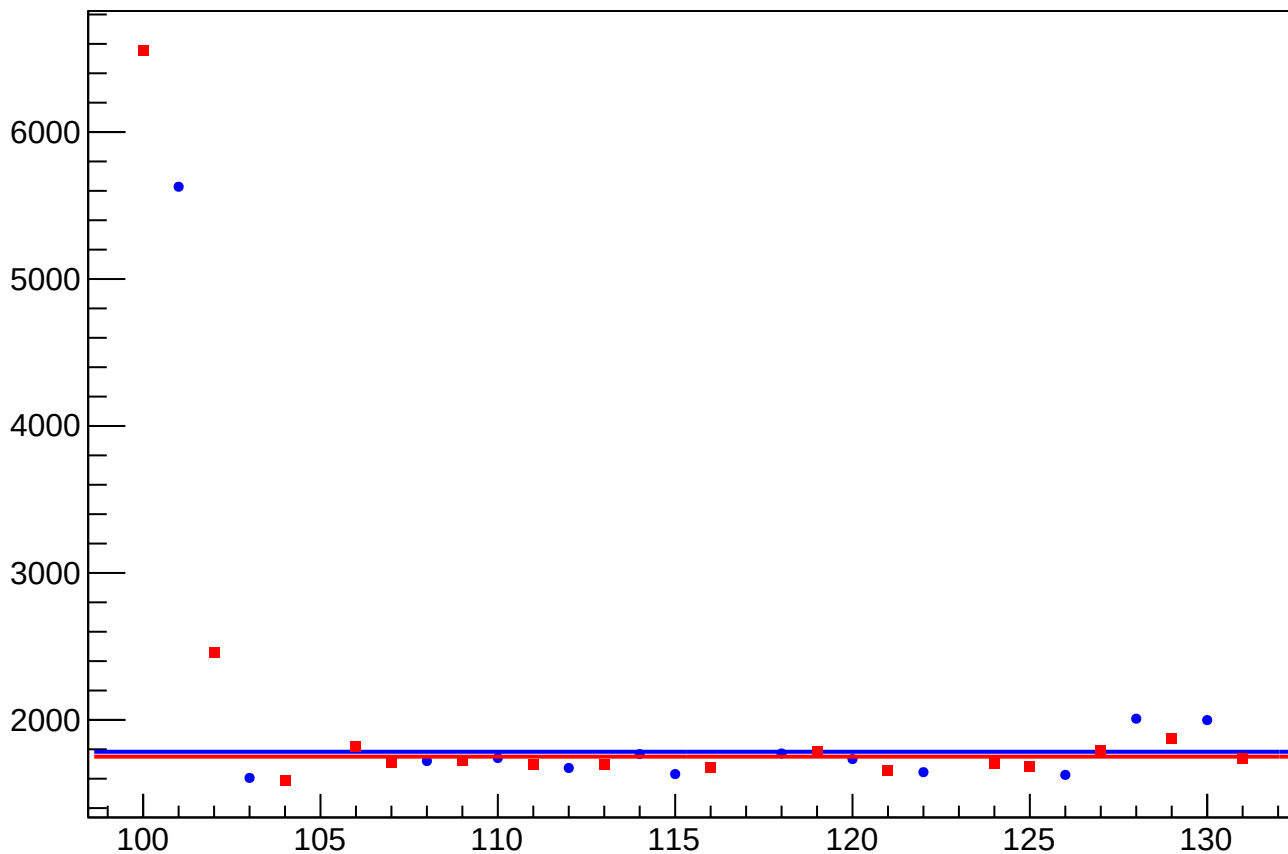
Right: 794.030 $\pm$ 526.827 χ^2 /NDF: 21.9/28

In: 1169.285 $\pm$ 782.516 χ^2 /NDF: 15.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 794.030 $\pm$ 526.827 χ^2 /NDF: 21.9/28

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1783.269+/-0.553 χ^2/NDF : 674194.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.107+/-0.504 χ^2/NDF : 174368.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

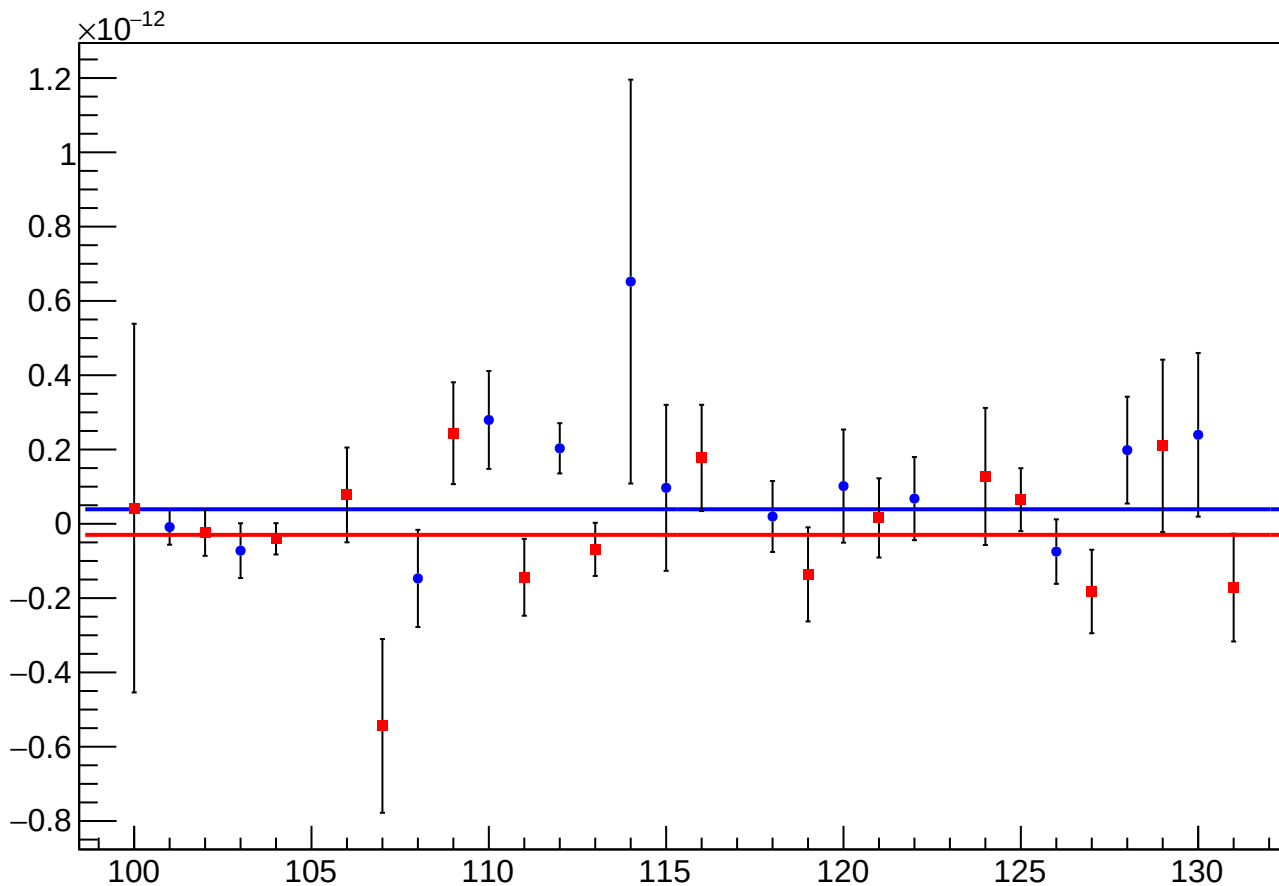
Right: 1765.138+/-0.373 χ^2/NDF : 850526.9/28

In: 1783.269+/-0.553 χ^2/NDF : 674194.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1765.138+/-0.373 χ^2/NDF : 850526.9/28

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

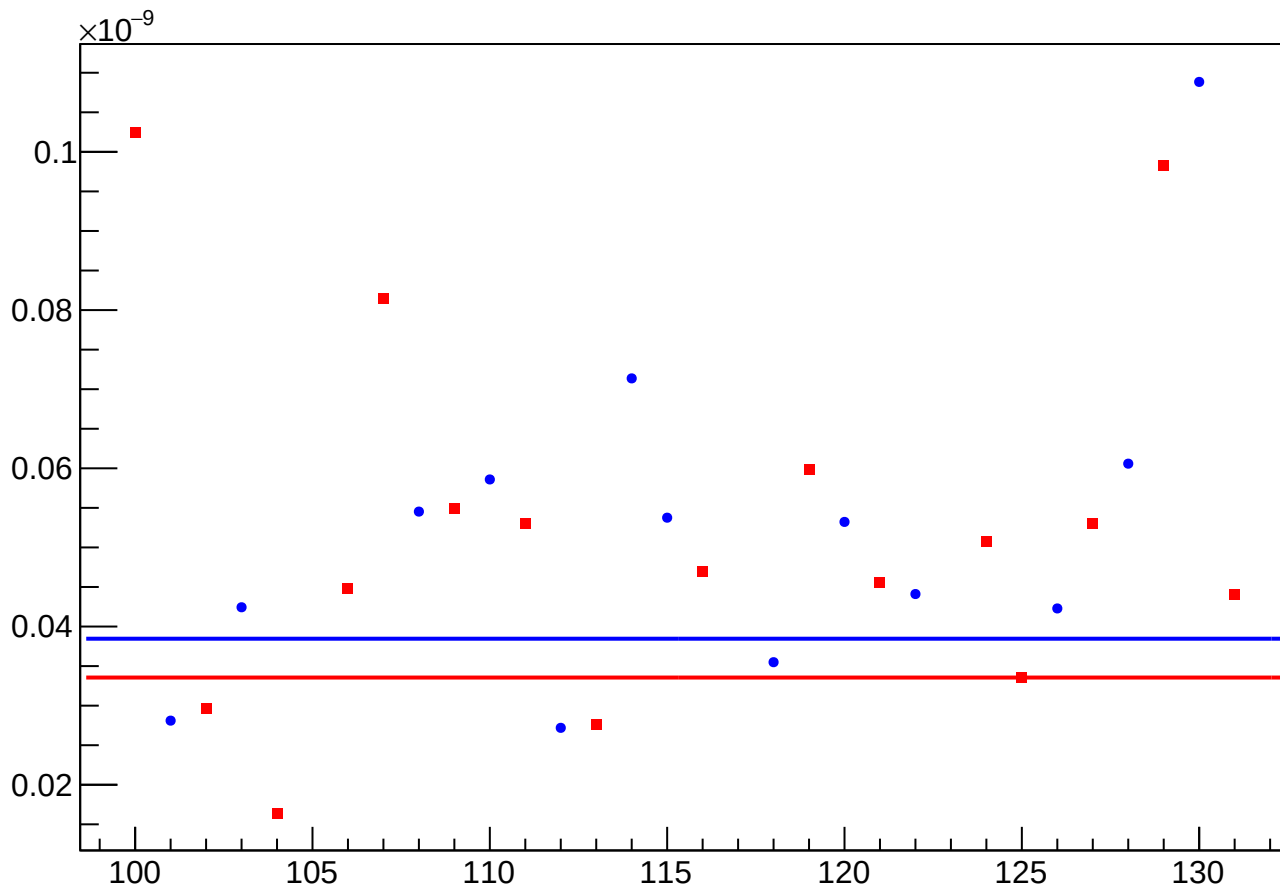
Right: 0.000+/-0.000 χ^2/NDF : 43.6/28

In: 0.000+/-0.000 χ^2/NDF : 19.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.6/28

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 530917.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 985532.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

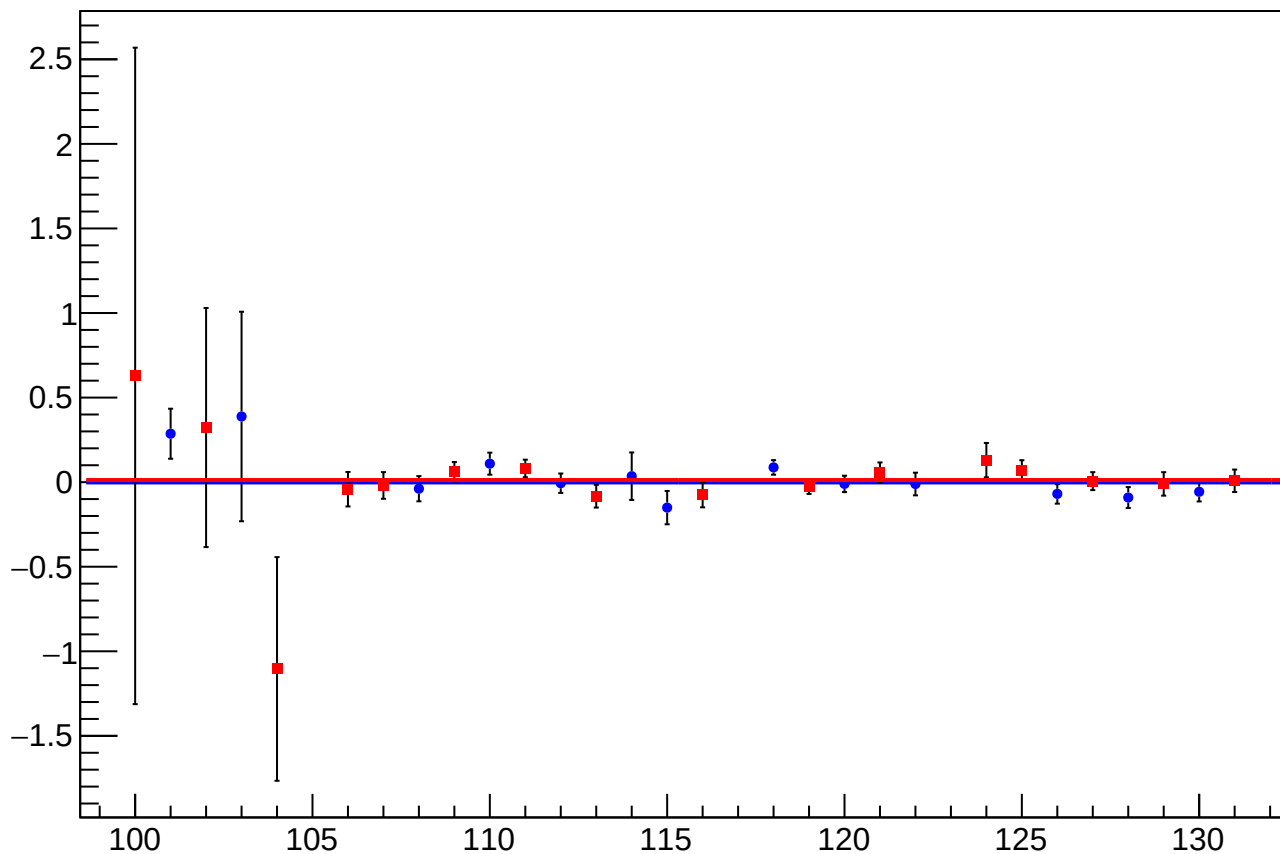
Right: 0.000+/-0.000 χ^2/NDF : 1554348.8/28

In: 0.000+/-0.000 χ^2/NDF : 530917.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1554348.8/28

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.018 χ^2/NDF : 18.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

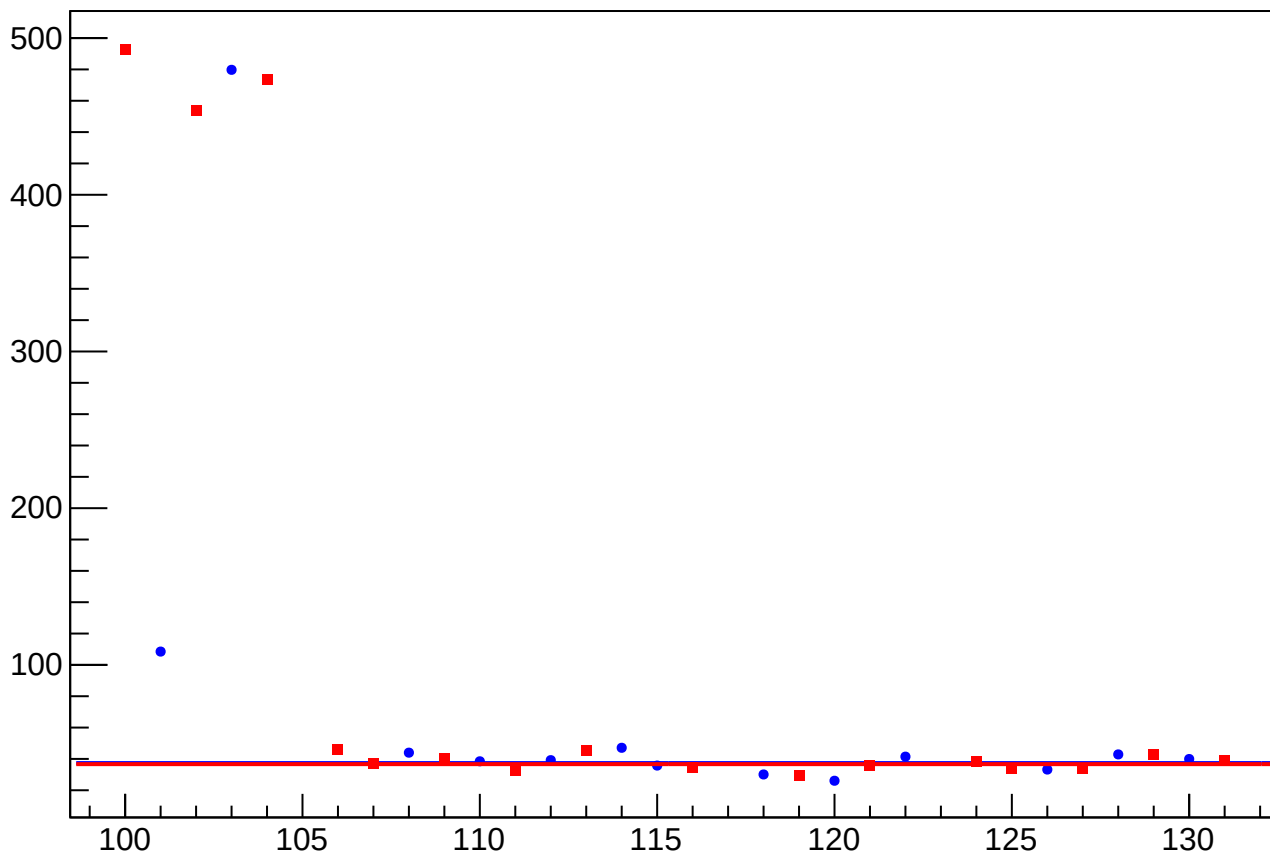
Right: 0.006+/-0.013 χ^2/NDF : 32.0/28

In: -0.002+/-0.018 χ^2/NDF :18.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 32.0/28

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.661+/-0.012 χ^2/NDF : 1833618.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

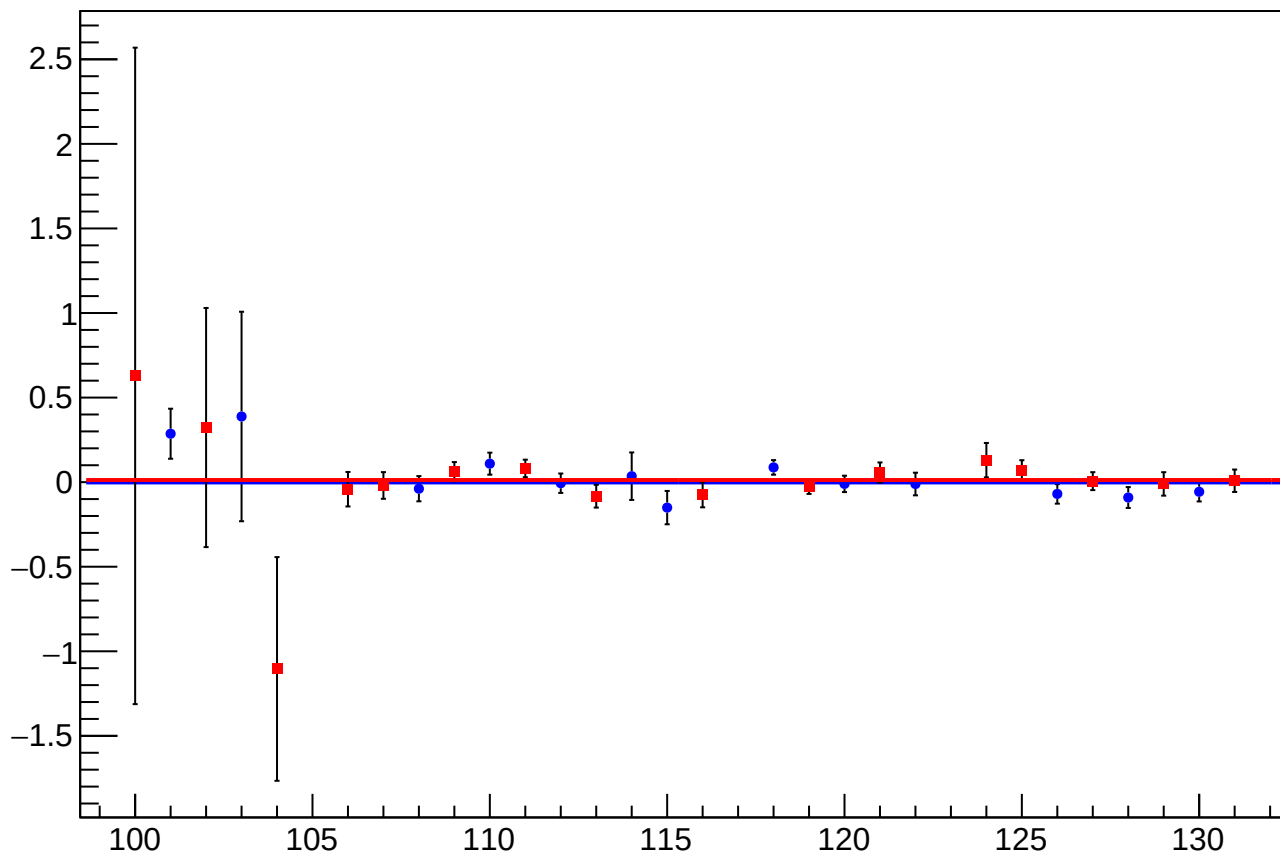
Right: 36.976+/-0.009 χ^2/NDF : 3549851.6/28

In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.976+/-0.009 χ^2/NDF : 3549851.6/28

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.018 χ^2/NDF : 18.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.017 χ^2/NDF : 13.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

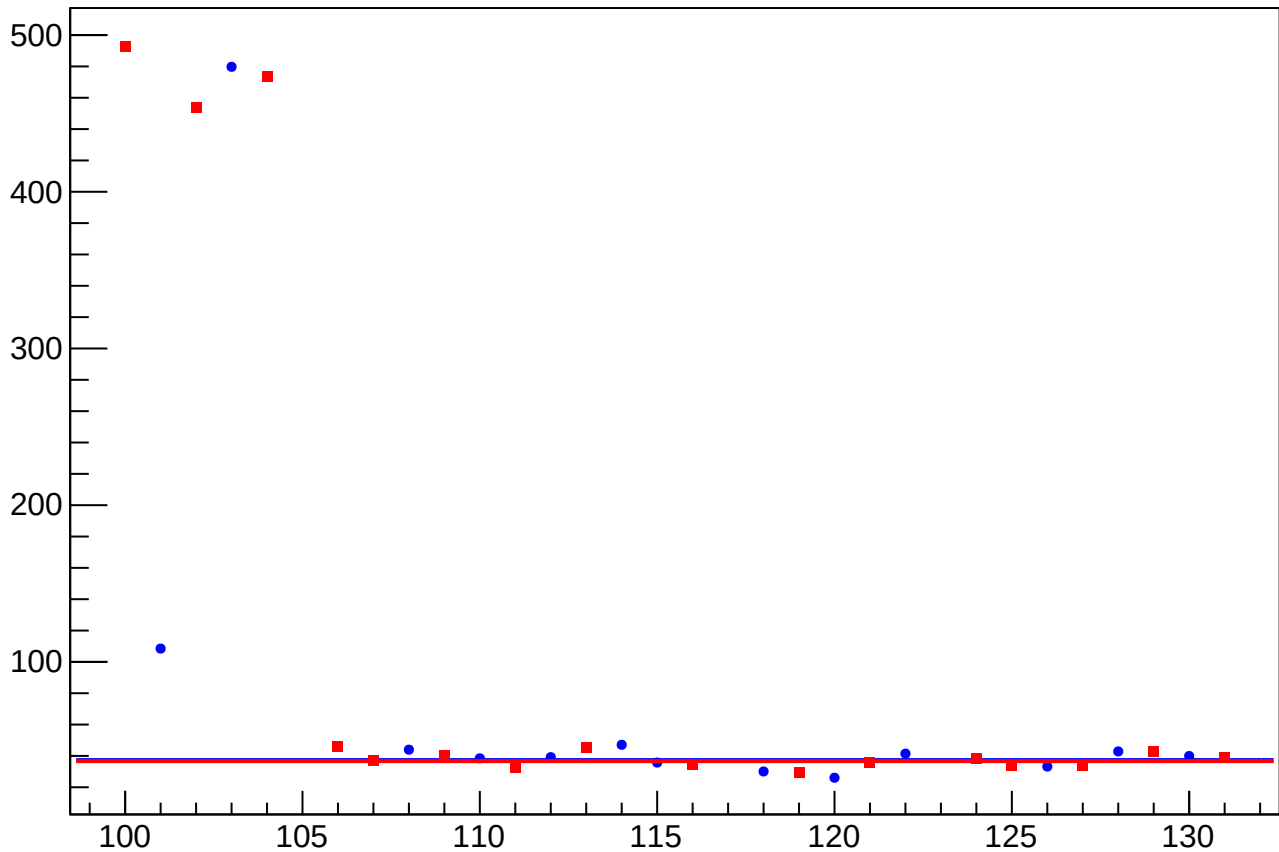
Right: 0.006 ± 0.013 χ^2/NDF : 32.0/28

In: -0.002 ± 0.018 χ^2/NDF : 18.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.013 χ^2/NDF : 32.0/28

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.661+/-0.012 χ^2/NDF : 1833618.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

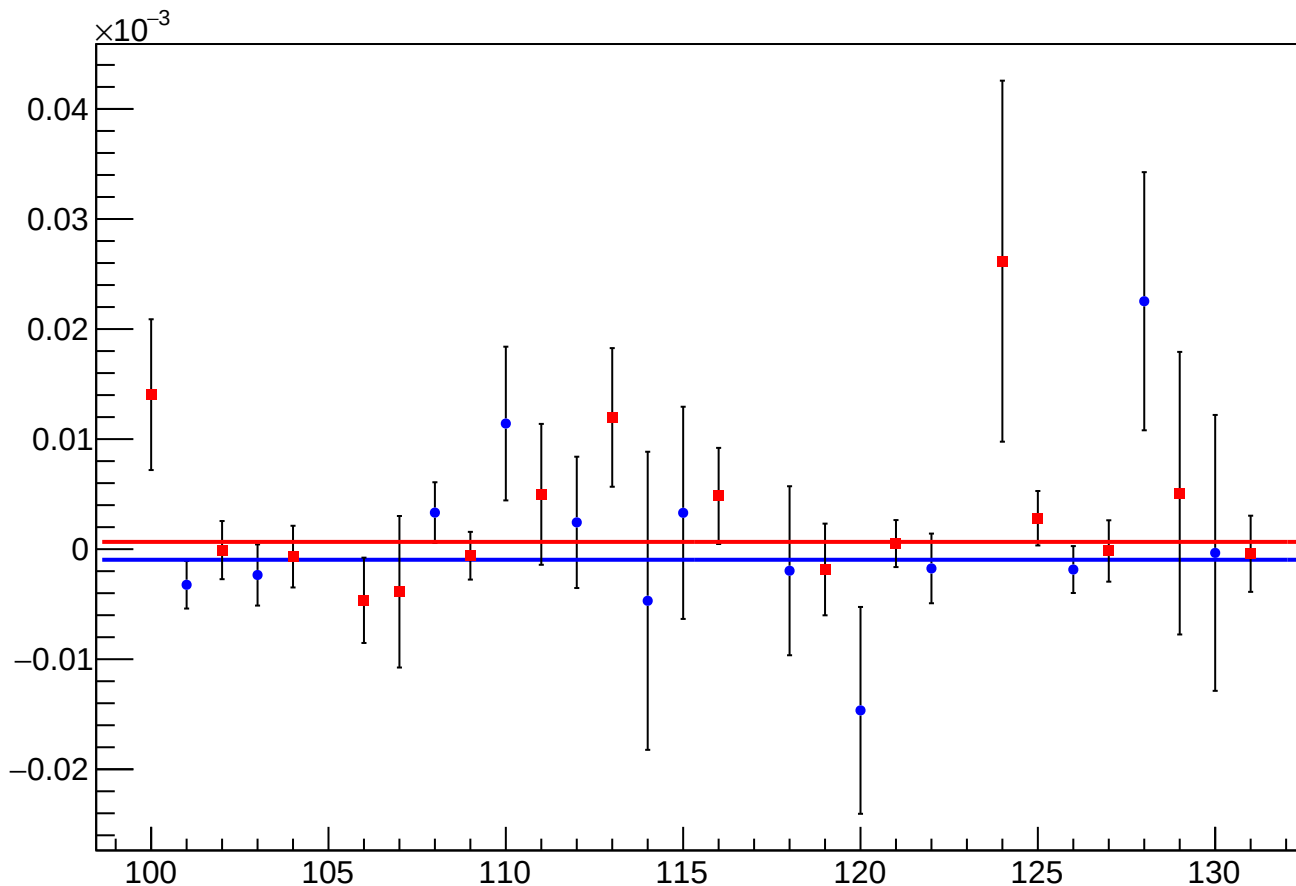
Right: 36.976+/-0.009 χ^2/NDF : 3549851.6/28

In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.976+/-0.009 χ^2/NDF : 3549851.6/28

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

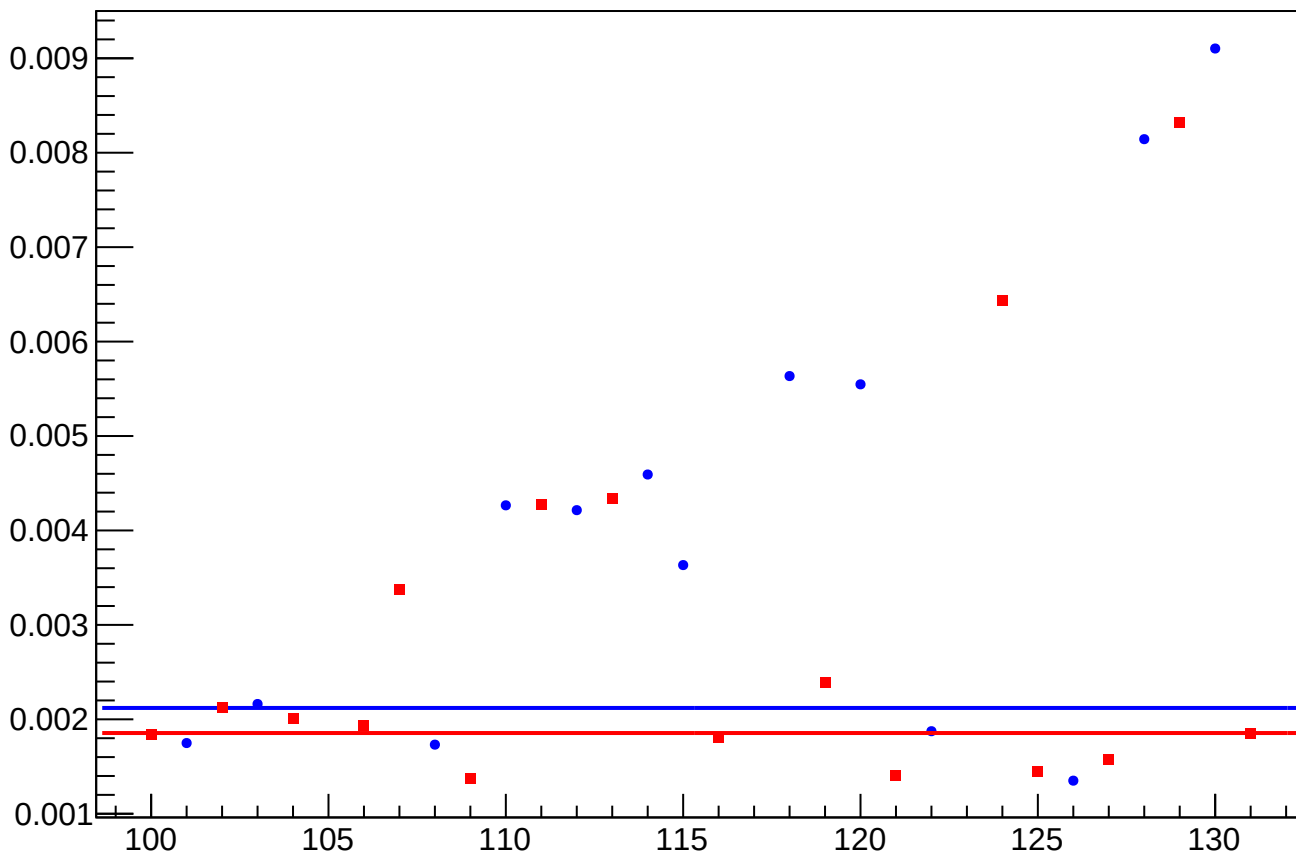
Right: 0.000+/-0.000 χ^2/NDF : 30.5/28

In: -0.000+/-0.000 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/28

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2756552.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1680952.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

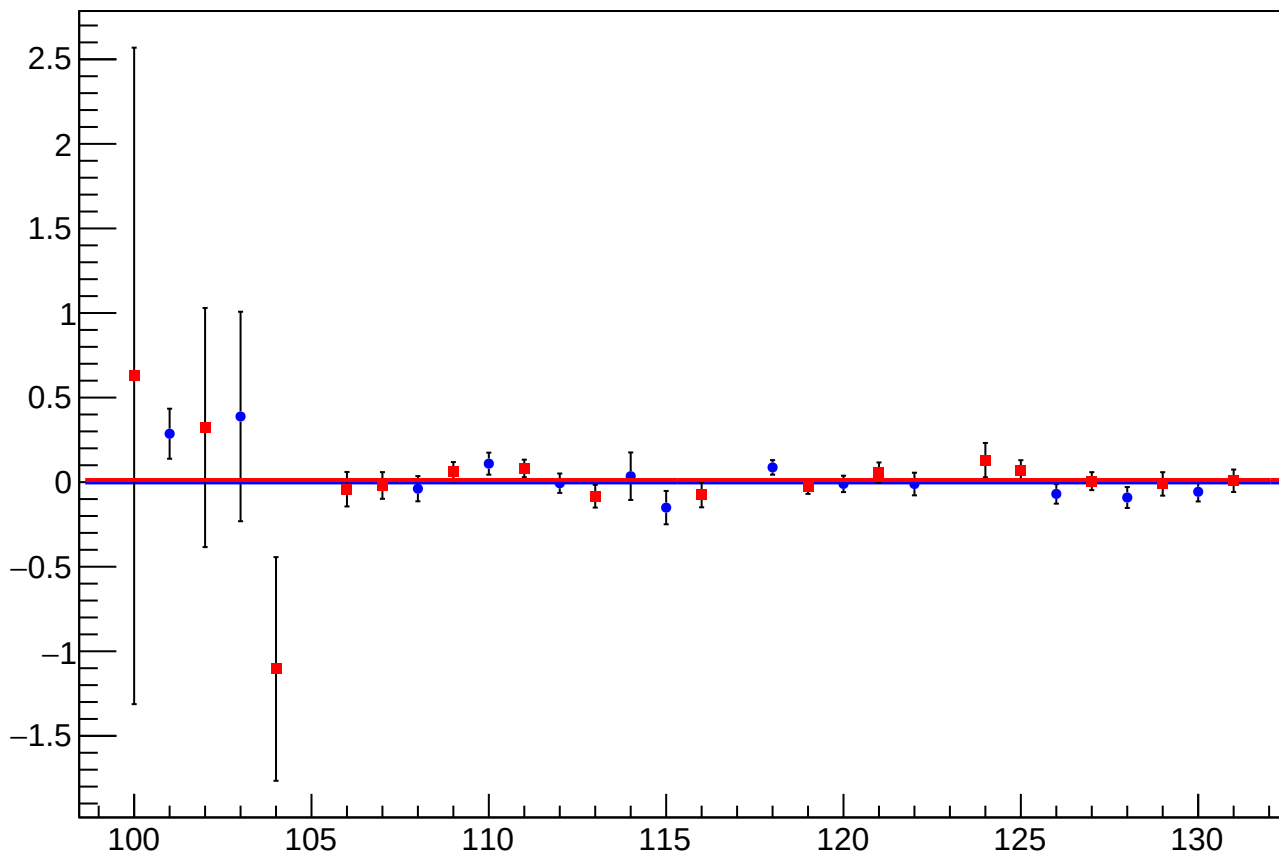
Right: 0.002+/-0.000 χ^2/NDF : 4513903.4/28

In: 0.002+/-0.000 χ^2/NDF :2756552.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4513903.4/28

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.017 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

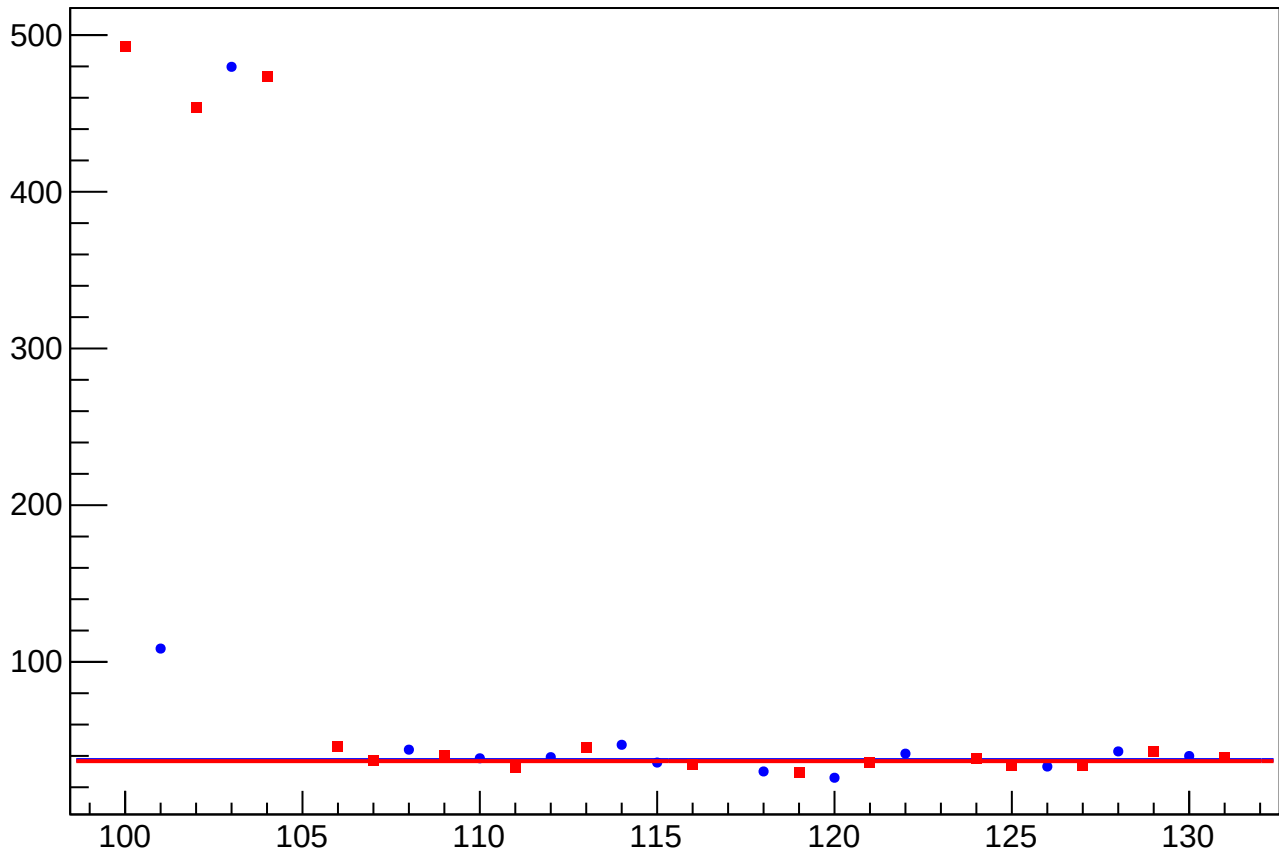
Right: 0.006 $\pm$ 0.013 χ^2 /NDF: 32.0/28

In: -0.002 $\pm$ 0.018 χ^2 /NDF:18.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.013 χ^2 /NDF: 32.0/28

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.660+/-0.012 χ^2/NDF : 1833672.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

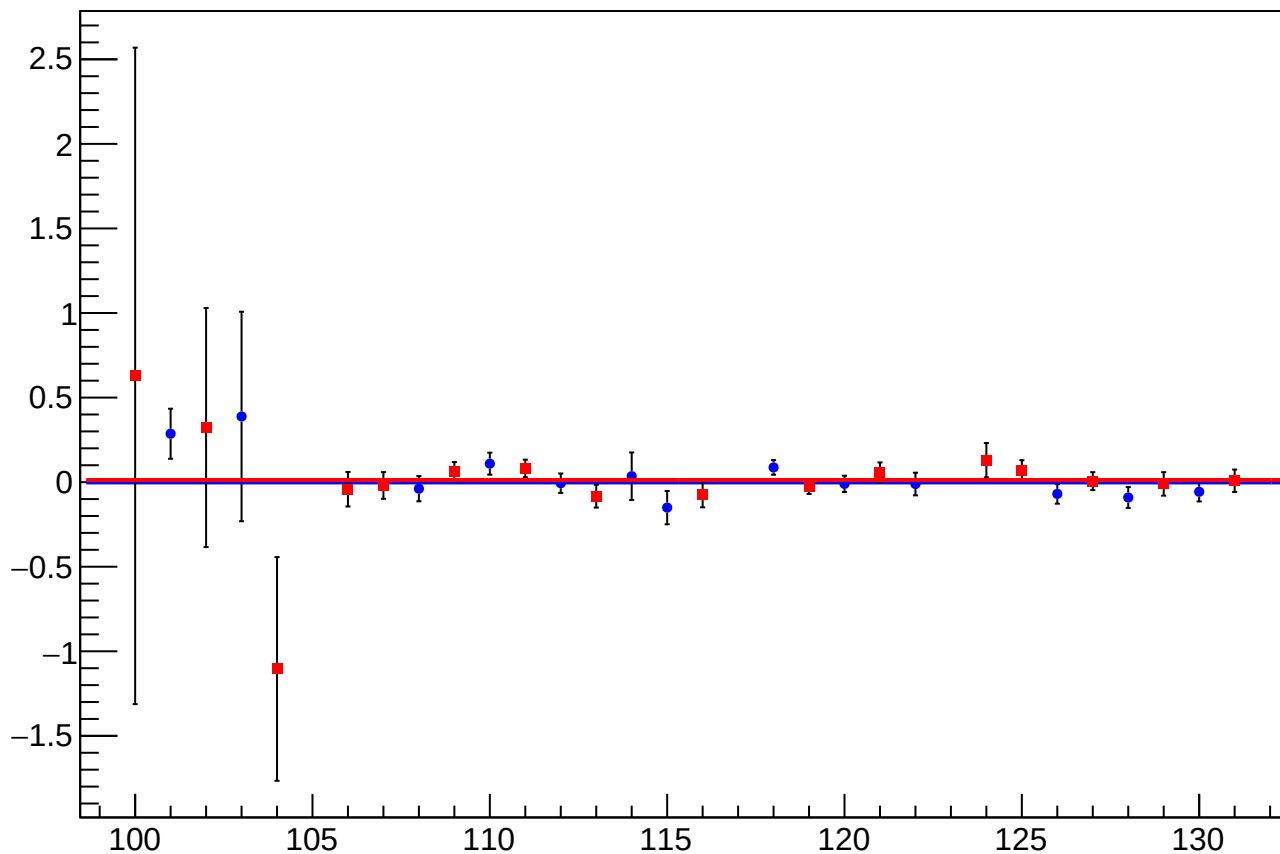
Right: 36.975+/-0.009 χ^2/NDF : 3549913.1/28

In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.975+/-0.009 χ^2/NDF : 3549913.1/28

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.017 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

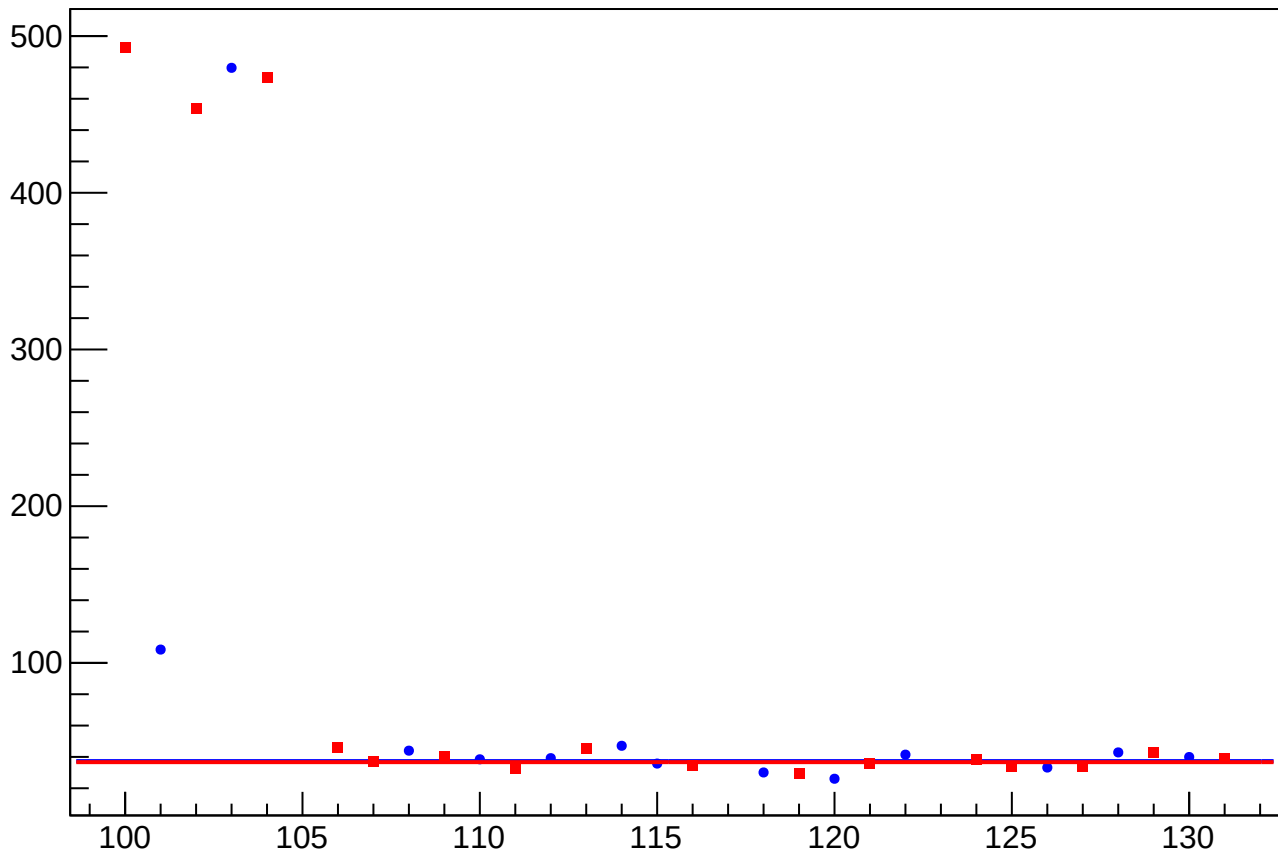
Right: 0.006 $\pm$ 0.013 χ^2 /NDF: 32.0/28

In: -0.002 $\pm$ 0.018 χ^2 /NDF:18.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.013 χ^2 /NDF: 32.0/28

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.660+/-0.012 χ^2/NDF : 1833672.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

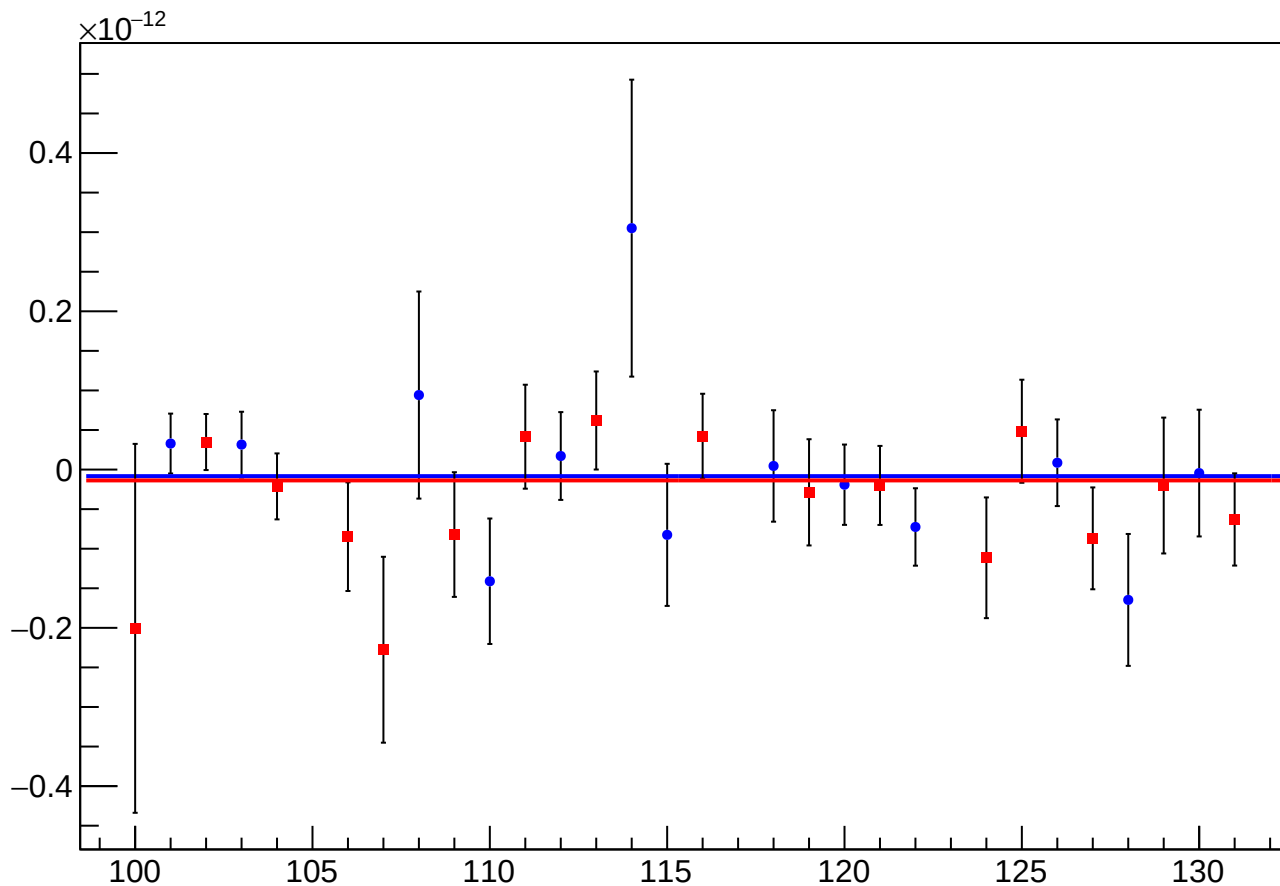
Right: 36.975+/-0.009 χ^2/NDF : 3549913.1/28

In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.975+/-0.009 χ^2/NDF : 3549913.1/28

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

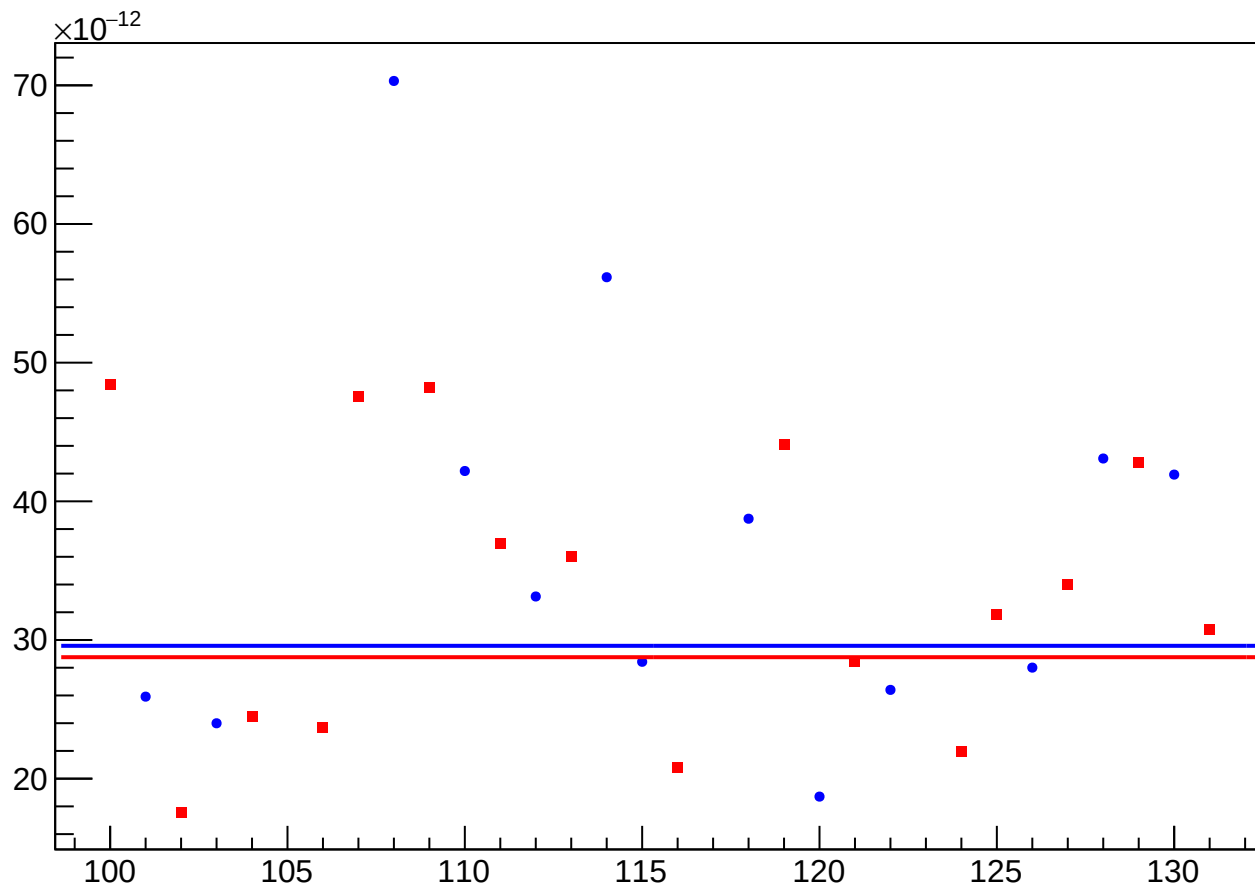
Right: -0.000+/-0.000 χ^2 /NDF: 30.3/28

In: -0.000+/-0.000 χ^2 /NDF:14.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.3/28

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 583992.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 716745.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

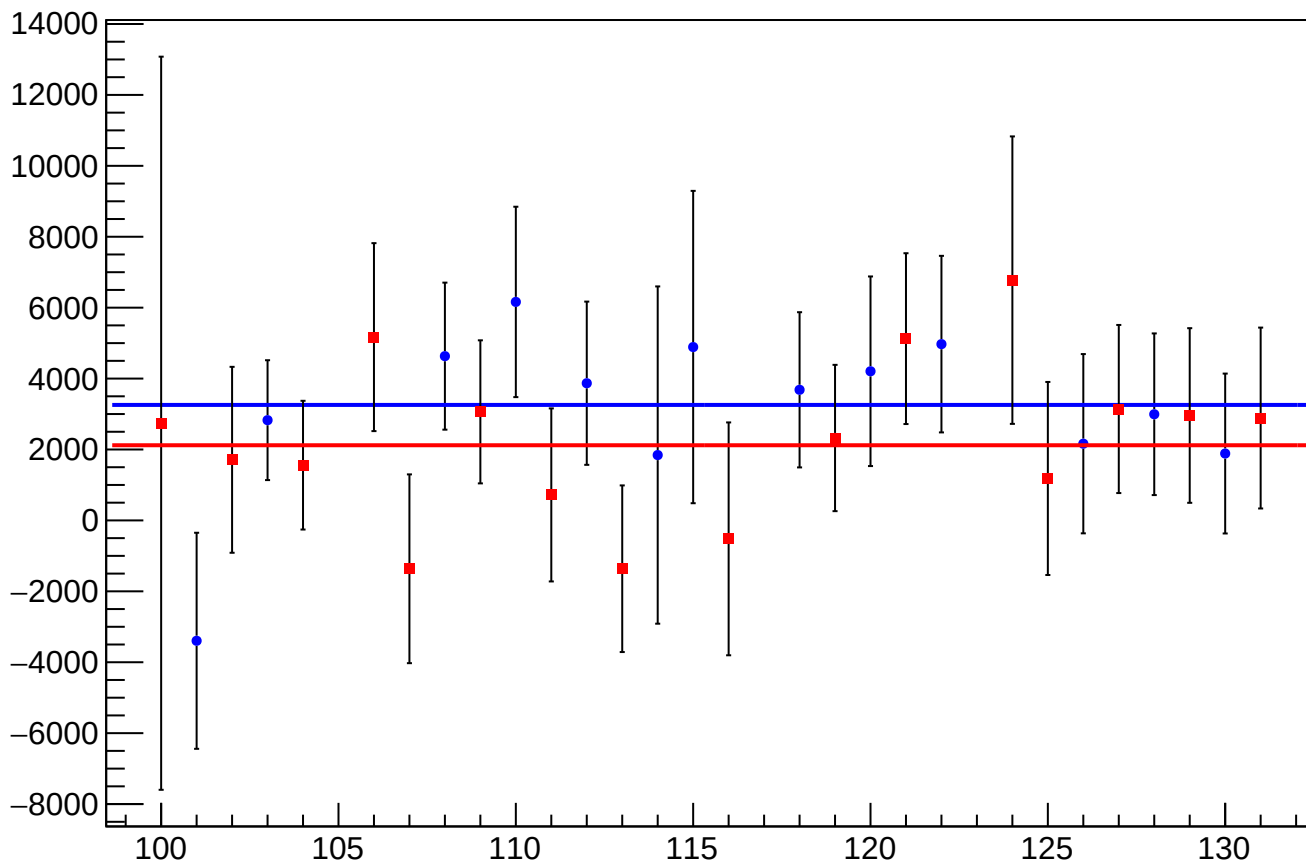
Right: 0.000+/-0.000 χ^2/NDF : 1303403.6/28

In: 0.000+/-0.000 χ^2/NDF : 583992.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1303403.6/28

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3257.071+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2119.726+/-628.821 χ^2/NDF : 9.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

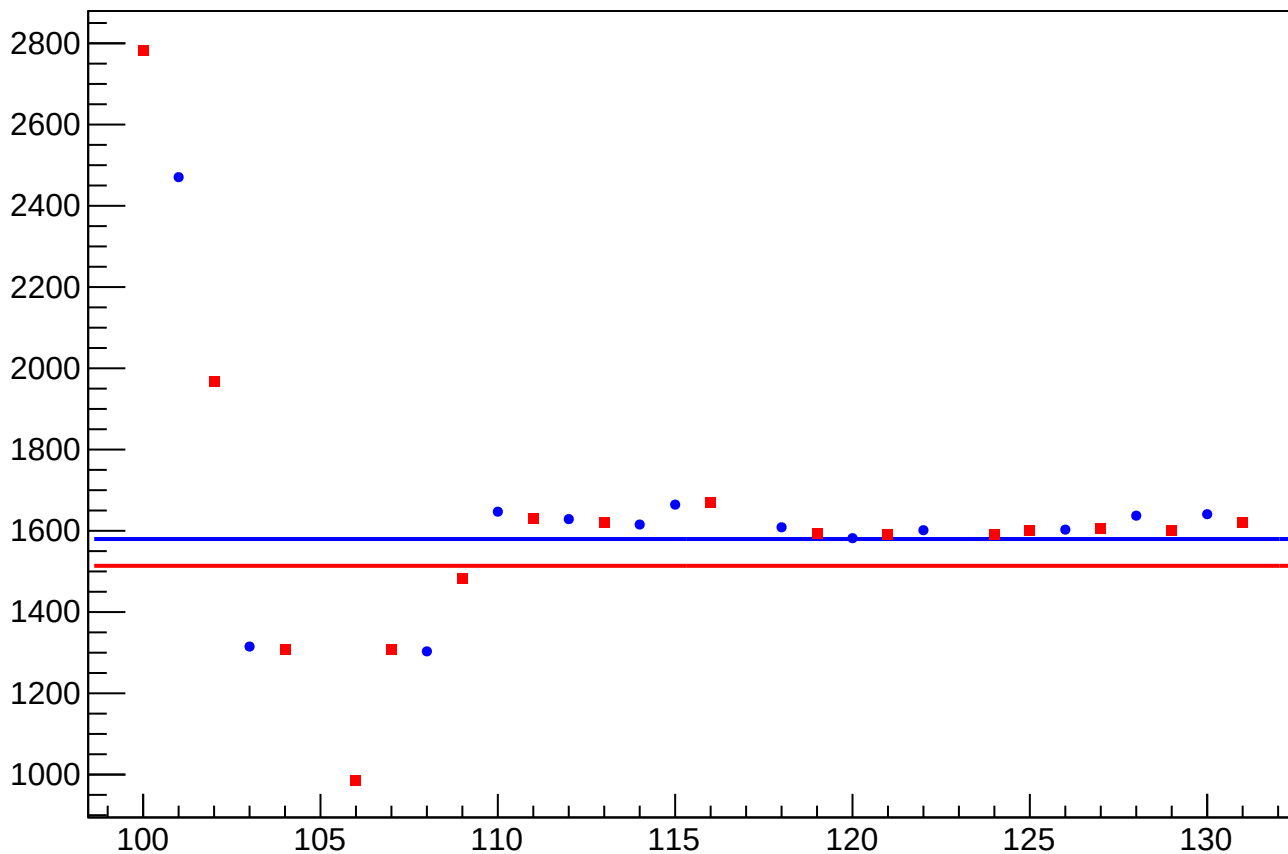
Right: 2644.851+/-461.355 χ^2/NDF : 19.4/28

In: 3257.071+/-678.968 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2644.851+/-461.355 χ^2/NDF : 19.4/28

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1513.804+/-0.436 χ^2/NDF : 292521.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

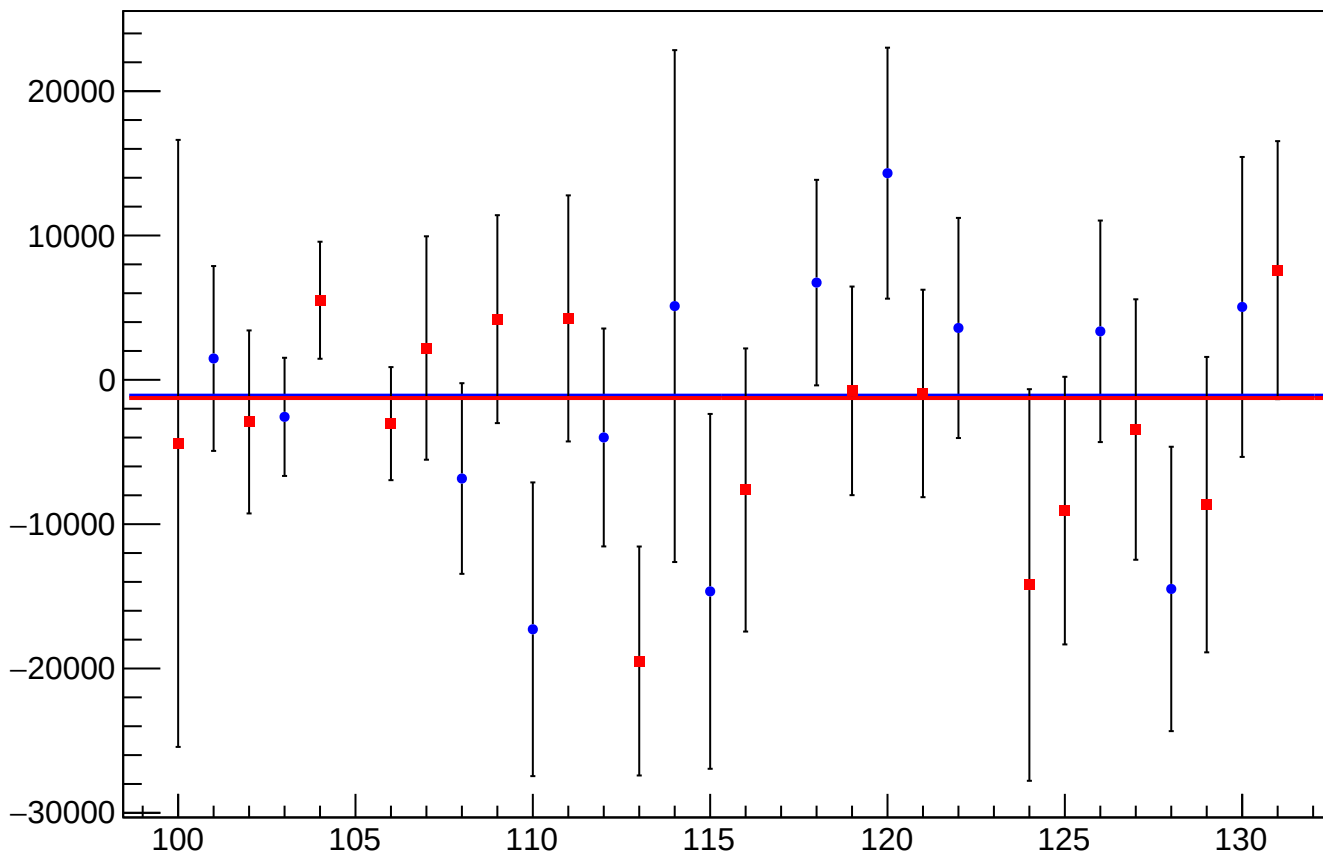
Right: 1543.654+/-0.323 χ^2/NDF : 564866.2/28

In: 1579.819+/-0.480 χ^2/NDF : 261986.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.654+/-0.323 χ^2/NDF : 564866.2/28

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1096.397+/-2081.997 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1262.318+/-1770.246 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

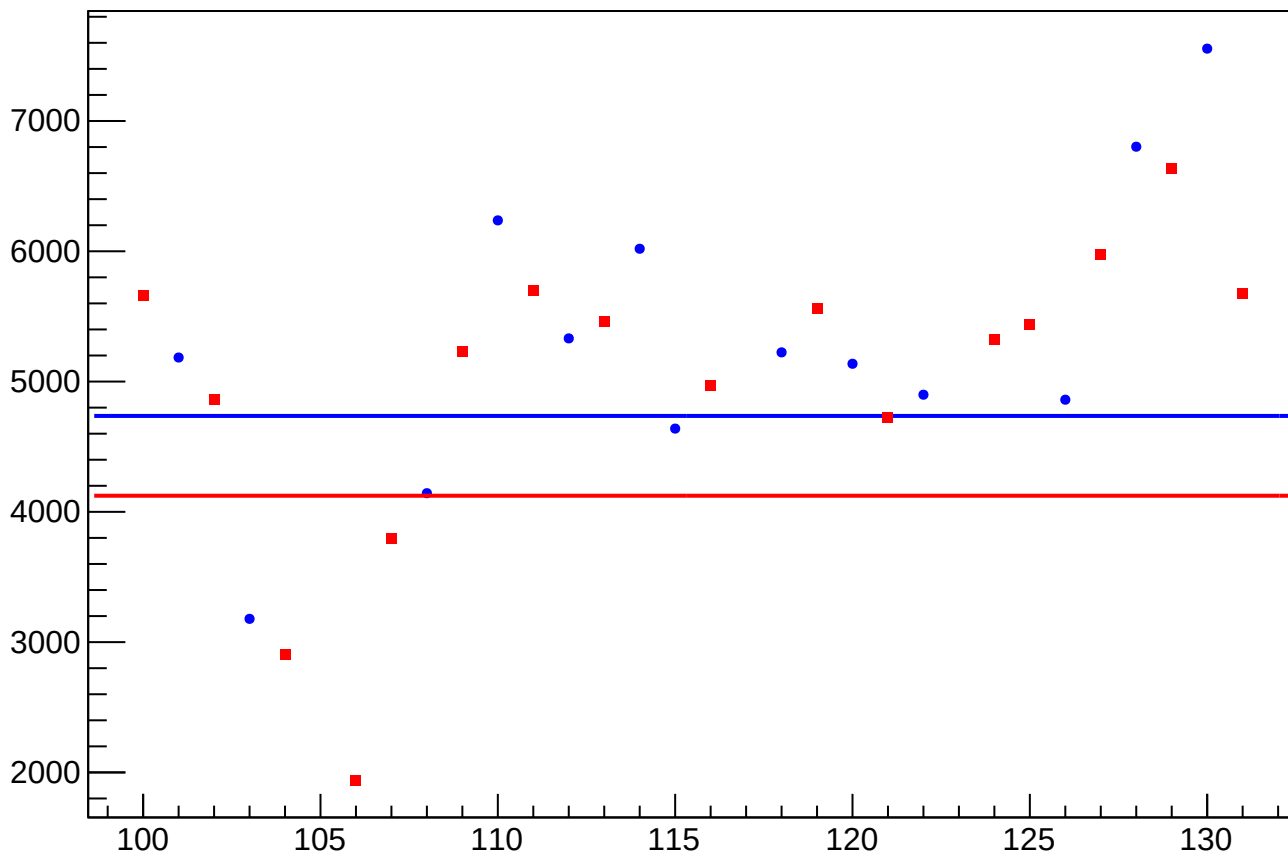
Right: -1192.698+/-1348.645 χ^2/NDF : 25.5/28

In: -1096.397+/-2081.997 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1192.698+/-1348.645 χ^2/NDF : 25.5/28

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4736.270+/-1.472 χ^2/NDF : 632309.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4123.755+/-1.252 χ^2/NDF : 1445287.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

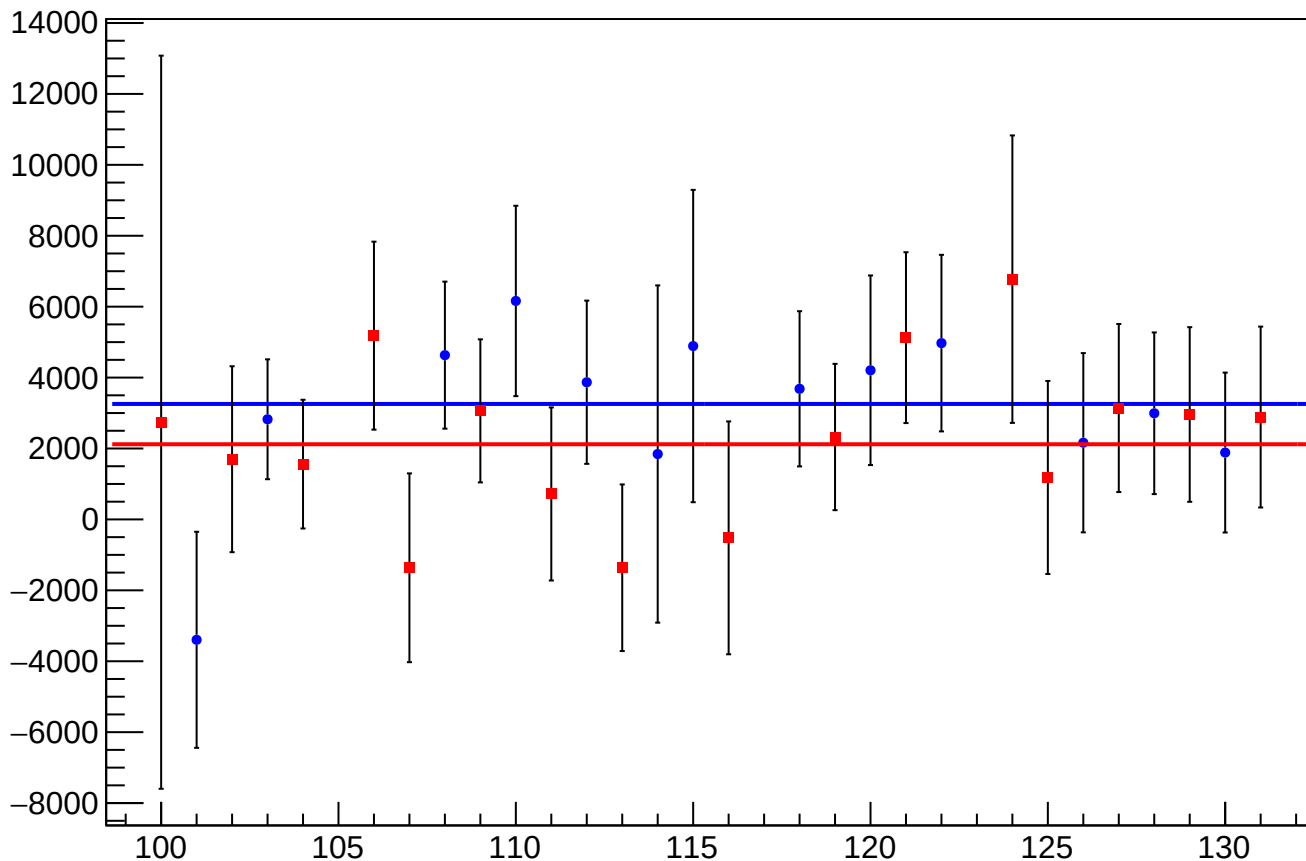
Right: 4380.766+/-0.954 χ^2/NDF : 2178066.0/28

In: 4736.270+/-1.472 χ^2/NDF : 632309.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4380.766+/-0.954 χ^2/NDF : 2178066.0/28

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2119.807+/-628.825 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

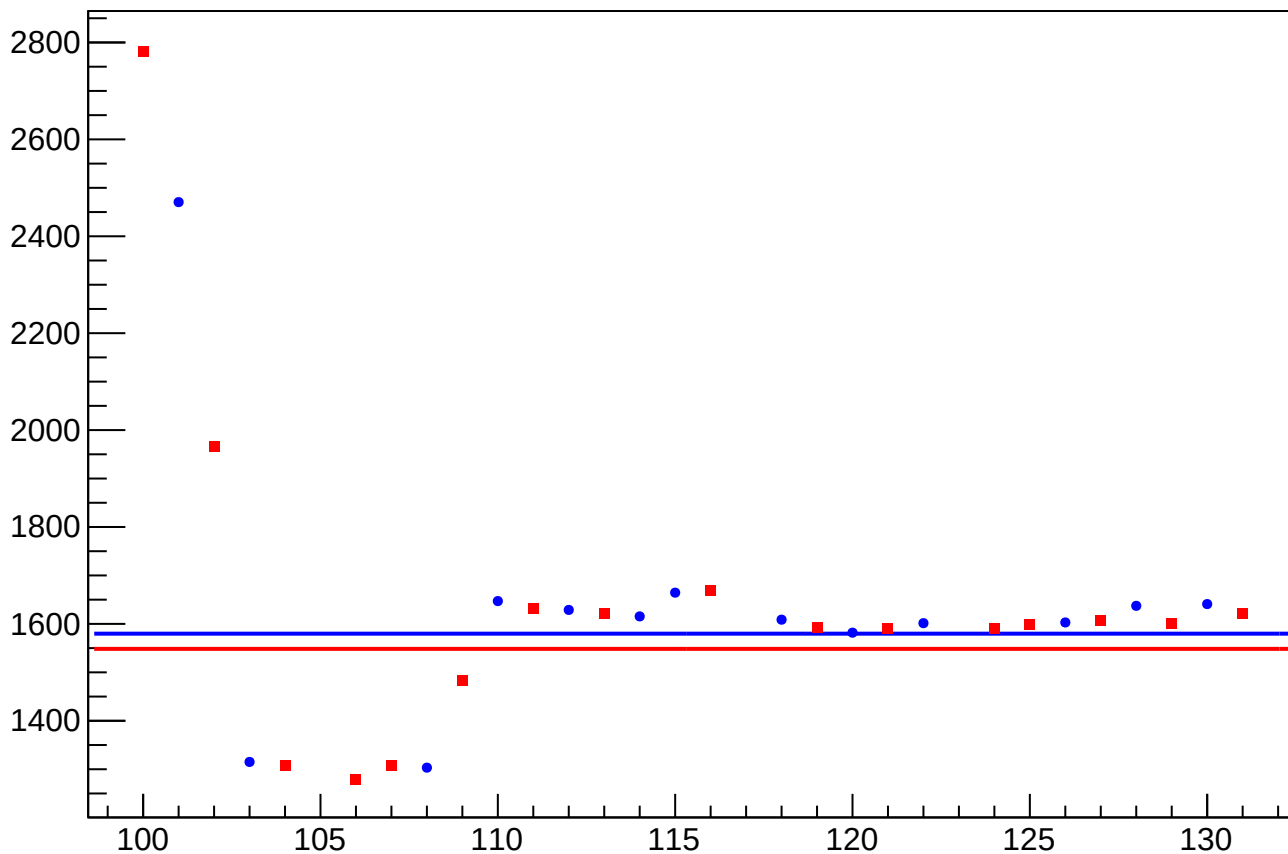
Right: 2644.697+/-461.356 χ^2/NDF : 19.4/28

In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2644.697+/-461.356 χ^2/NDF : 19.4/28

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1548.443+/-0.443 χ^2/NDF : 170355.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

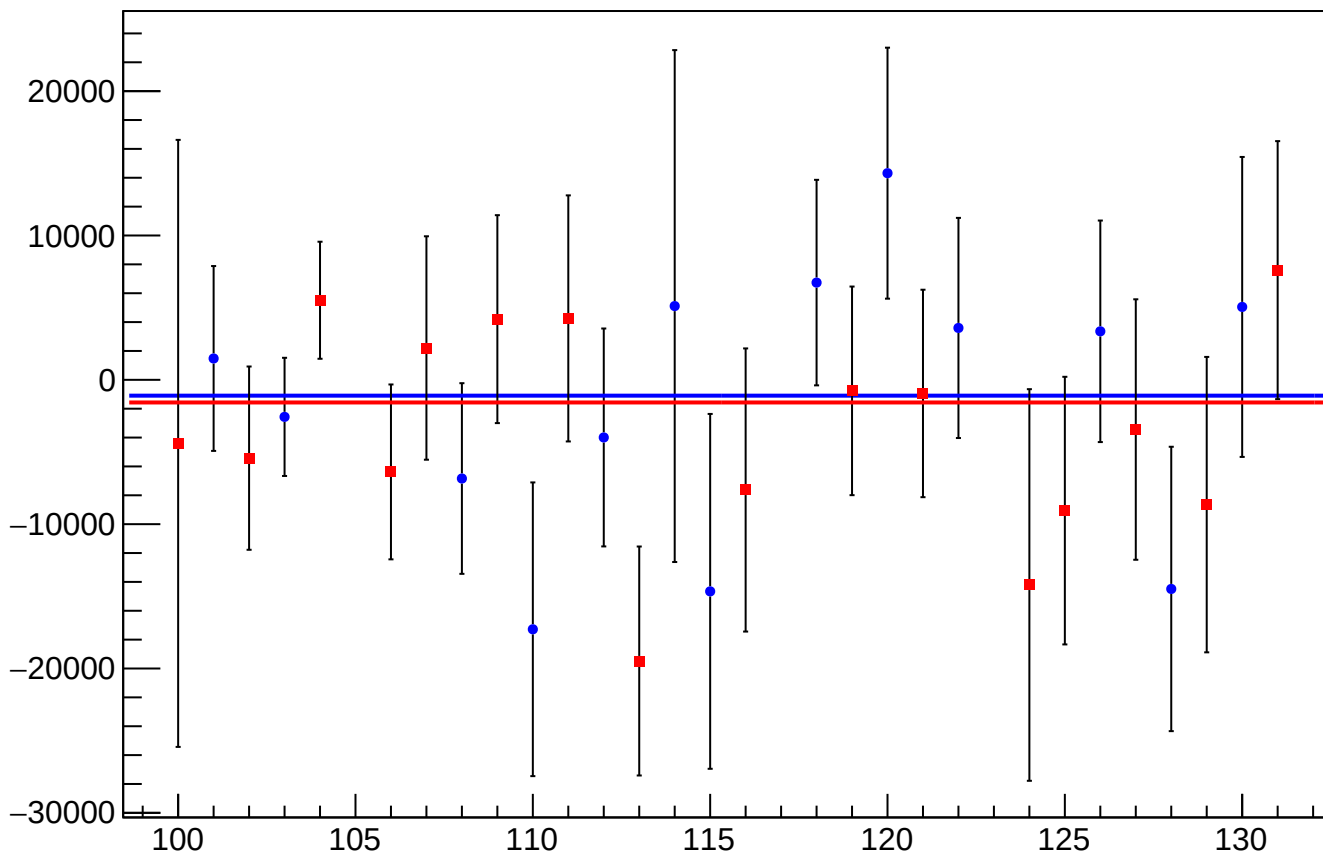
Right: 1562.859+/-0.325 χ^2/NDF : 434649.9/28

In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.859+/-0.325 χ^2/NDF : 434649.9/28

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1096.694+/-2082.052 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1568.592+/-1886.140 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

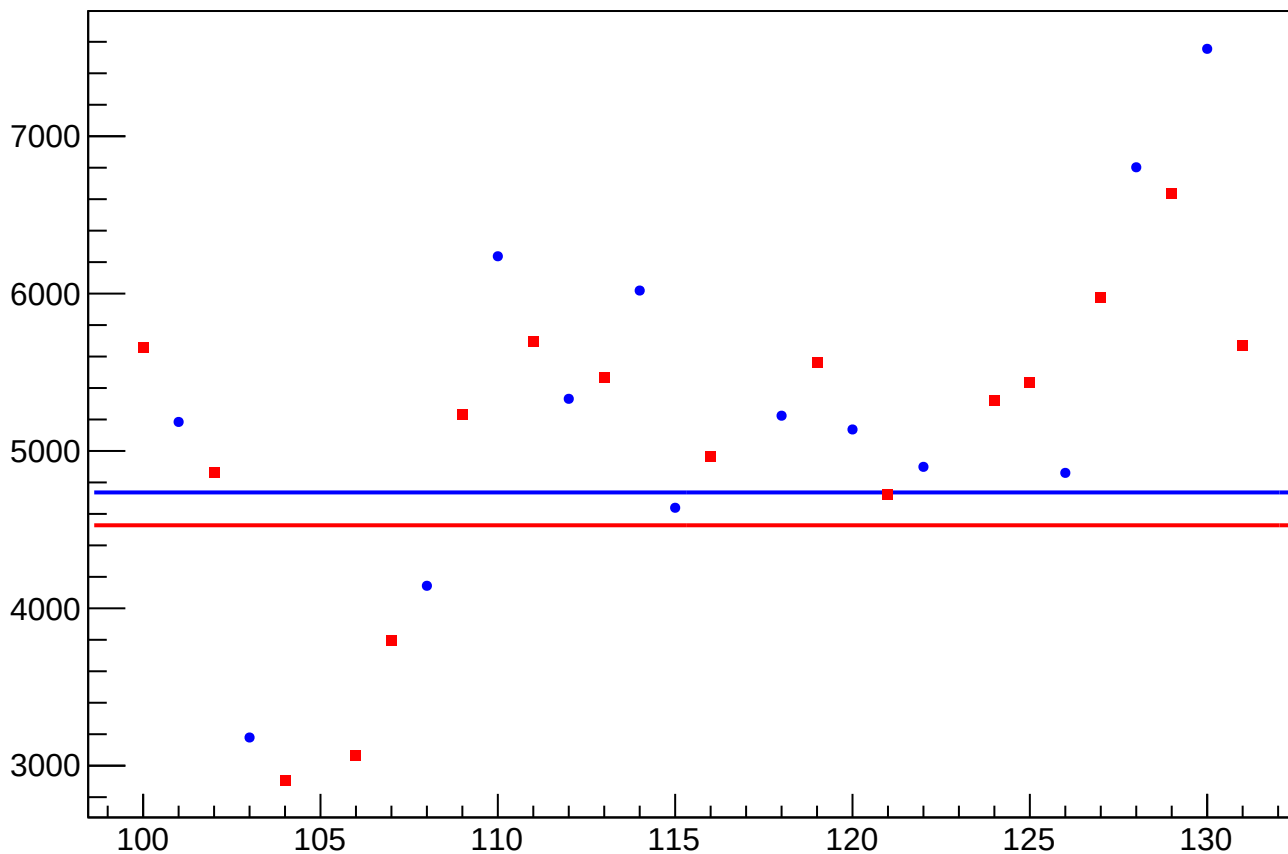
Right: -1355.884+/-1397.845 χ^2/NDF : 26.4/28

In: -1096.694+/-2082.052 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1355.884+/-1397.845 χ^2/NDF : 26.4/28

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4527.715+/-1.334 χ^2/NDF : 791841.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

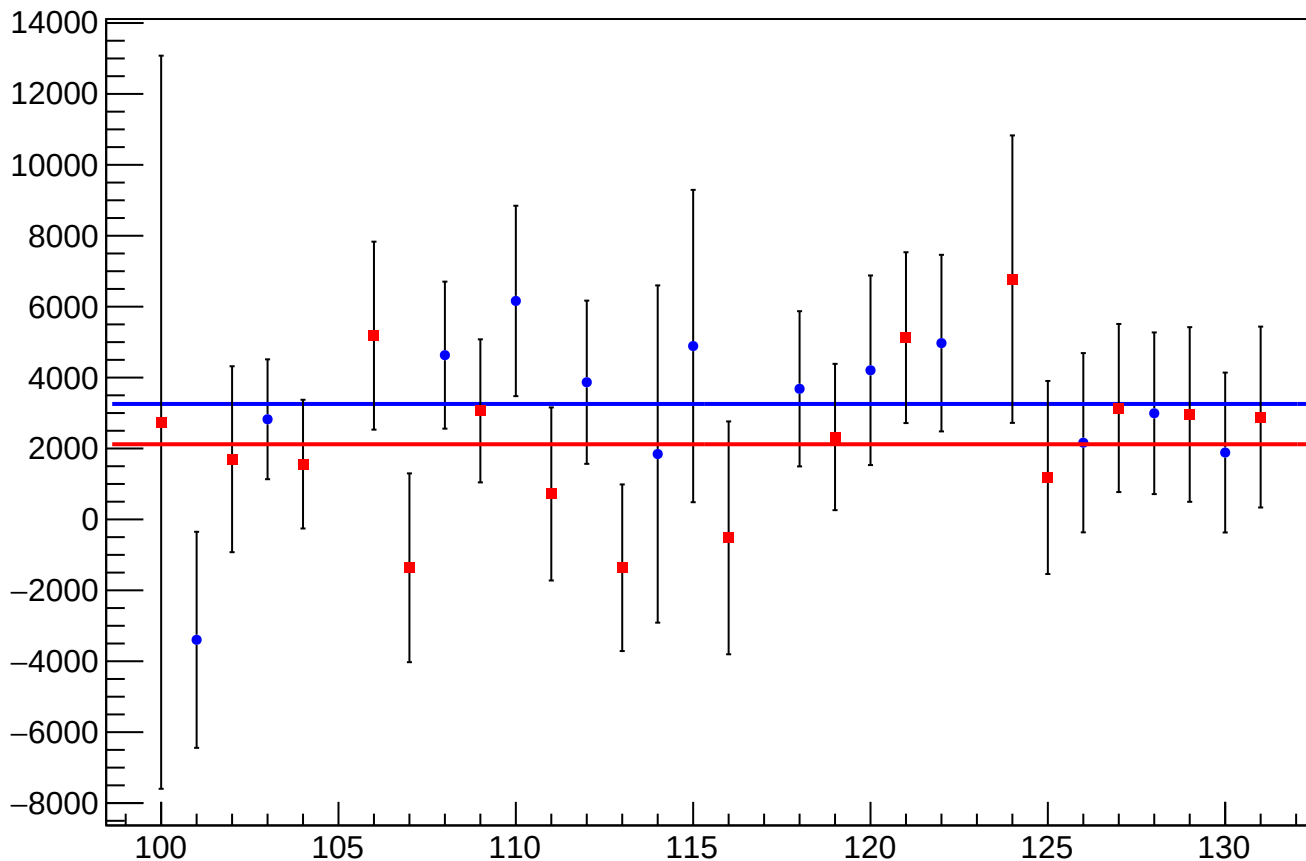
Right: 4621.798+/-0.988 χ^2/NDF : 1435005.6/28

In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4621.798+/-0.988 χ^2/NDF : 1435005.6/28

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2119.807+/-628.825 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

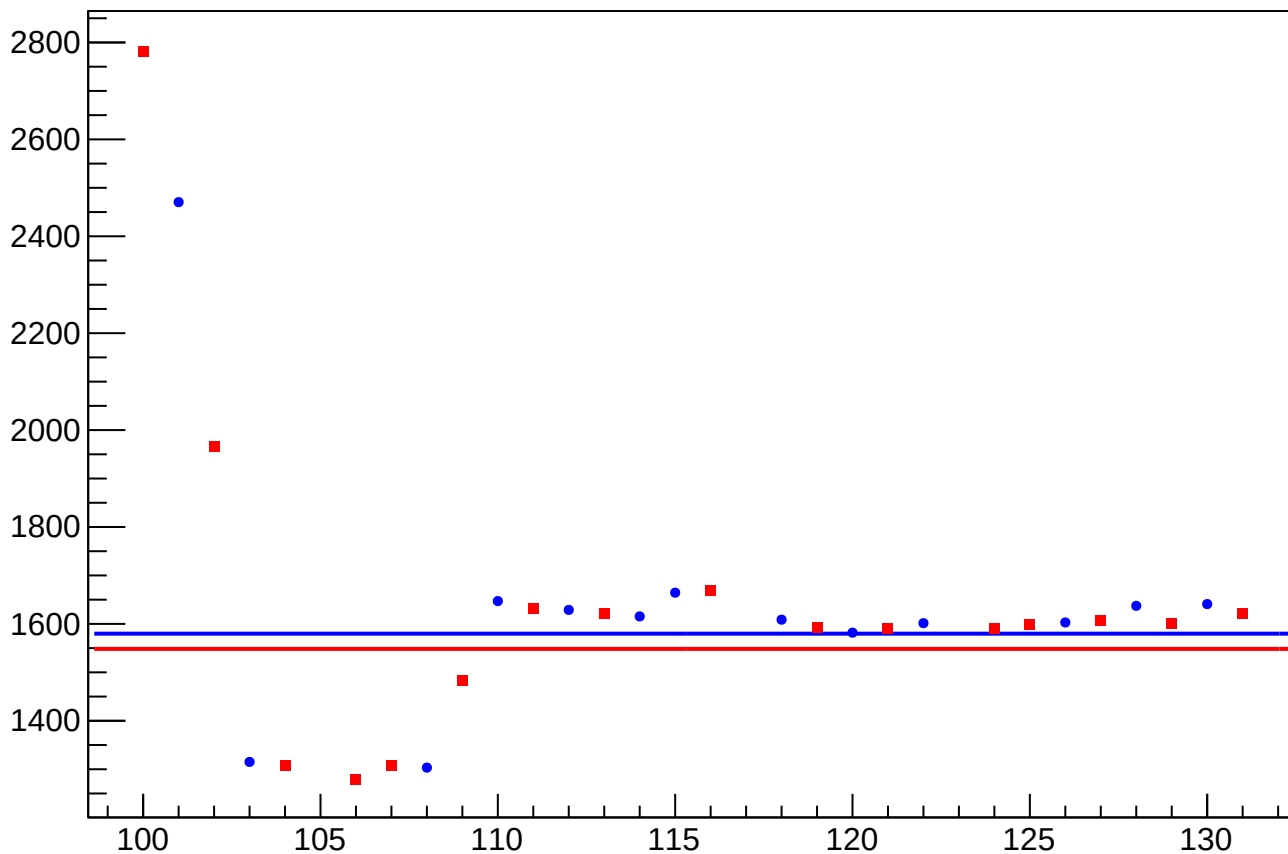
Right: 2644.697+/-461.356 χ^2/NDF : 19.4/28

In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2644.697+/-461.356 χ^2/NDF : 19.4/28

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1548.443+/-0.443 χ^2/NDF : 170355.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

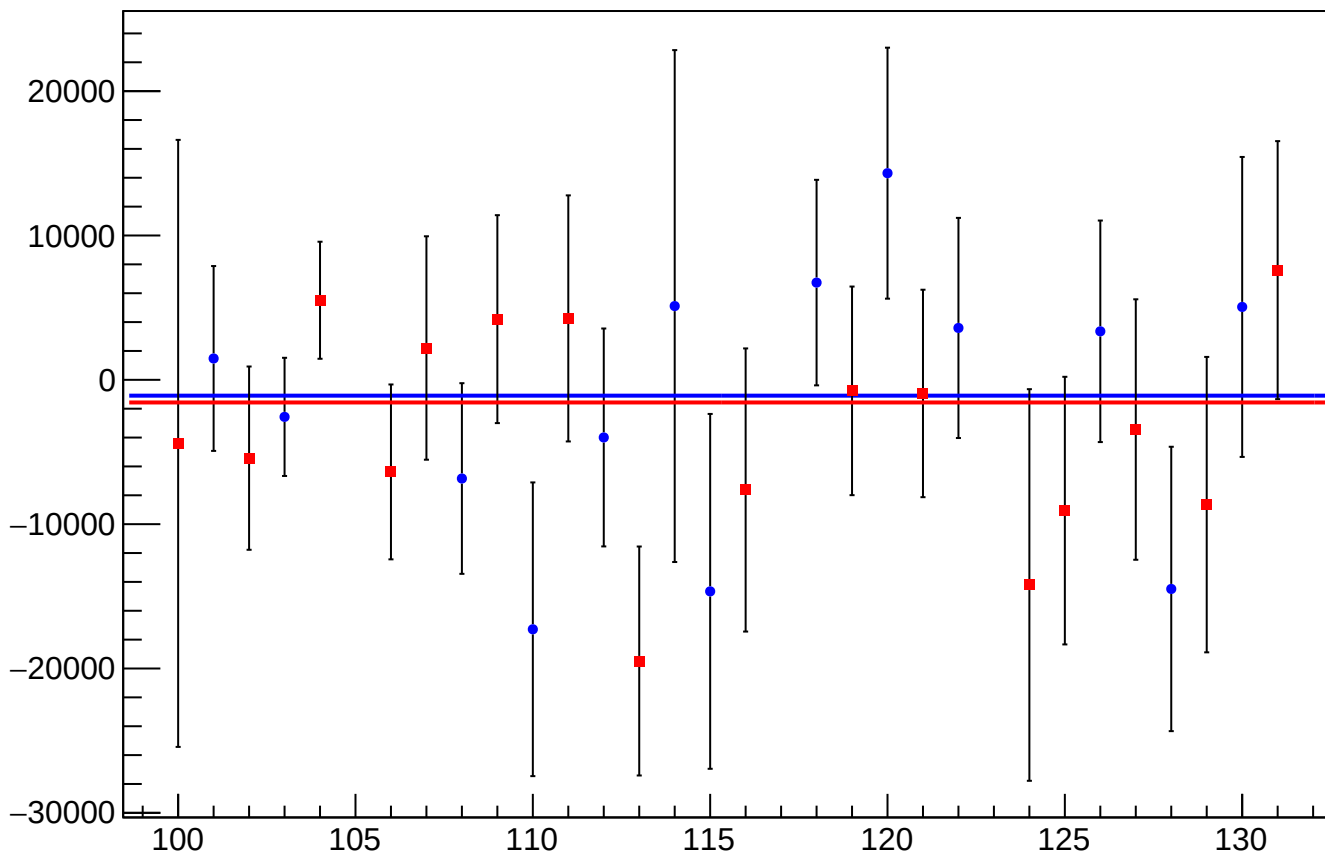
Right: 1562.859+/-0.325 χ^2/NDF : 434649.9/28

In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.859+/-0.325 χ^2/NDF : 434649.9/28

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1096.694+/-2082.052 χ^2 /NDF: 12.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1568.592+/-1886.140 χ^2 /NDF: 14.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

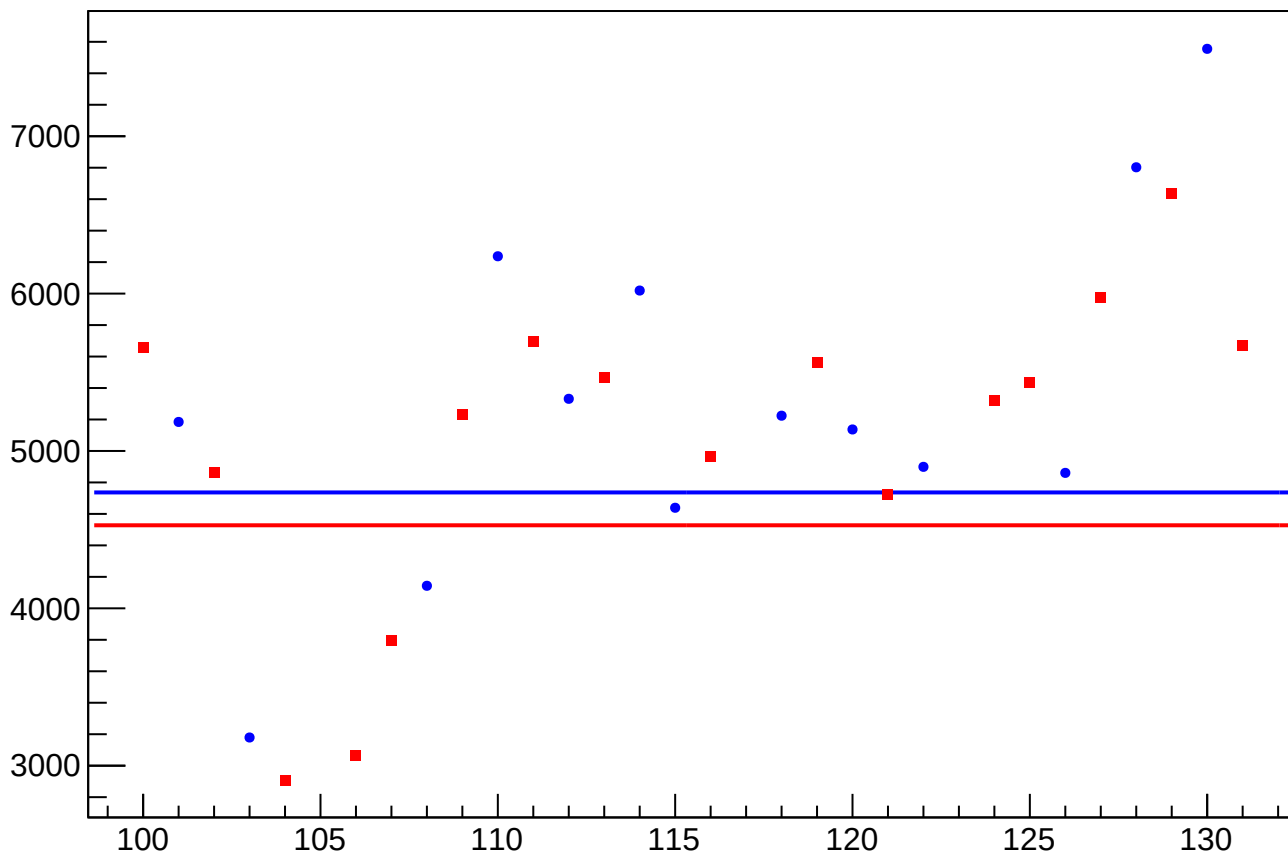
Right: -1355.884+/-1397.845 χ^2 /NDF: 26.4/28

In: -1096.694+/-2082.052 χ^2 /NDF:12.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1355.884+/-1397.845 χ^2 /NDF: 26.4/28

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4527.715+/-1.334 χ^2/NDF : 791841.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

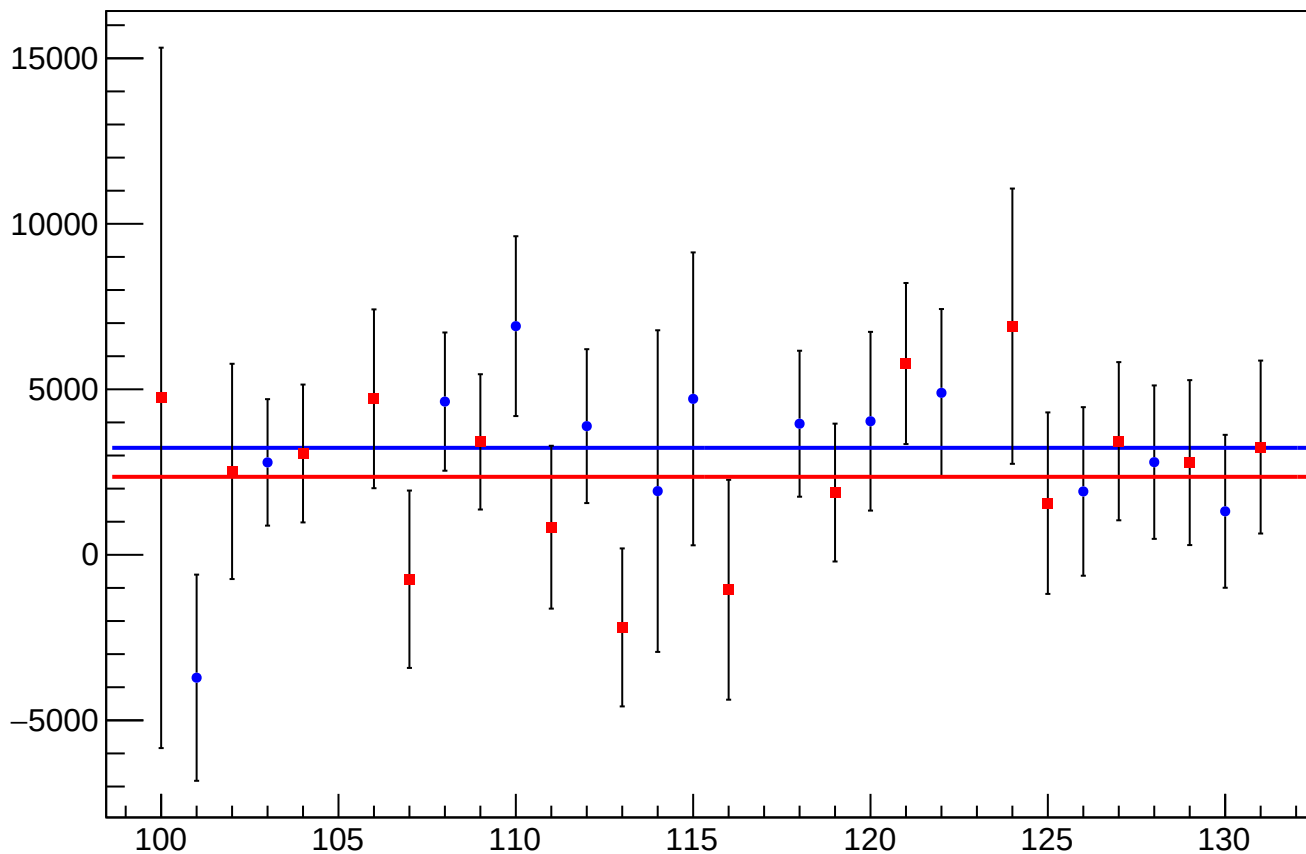
Right: 4621.798+/-0.988 χ^2/NDF : 1435005.6/28

In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4621.798+/-0.988 χ^2/NDF : 1435005.6/28

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3232.176+/-698.907 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.405+/-651.684 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

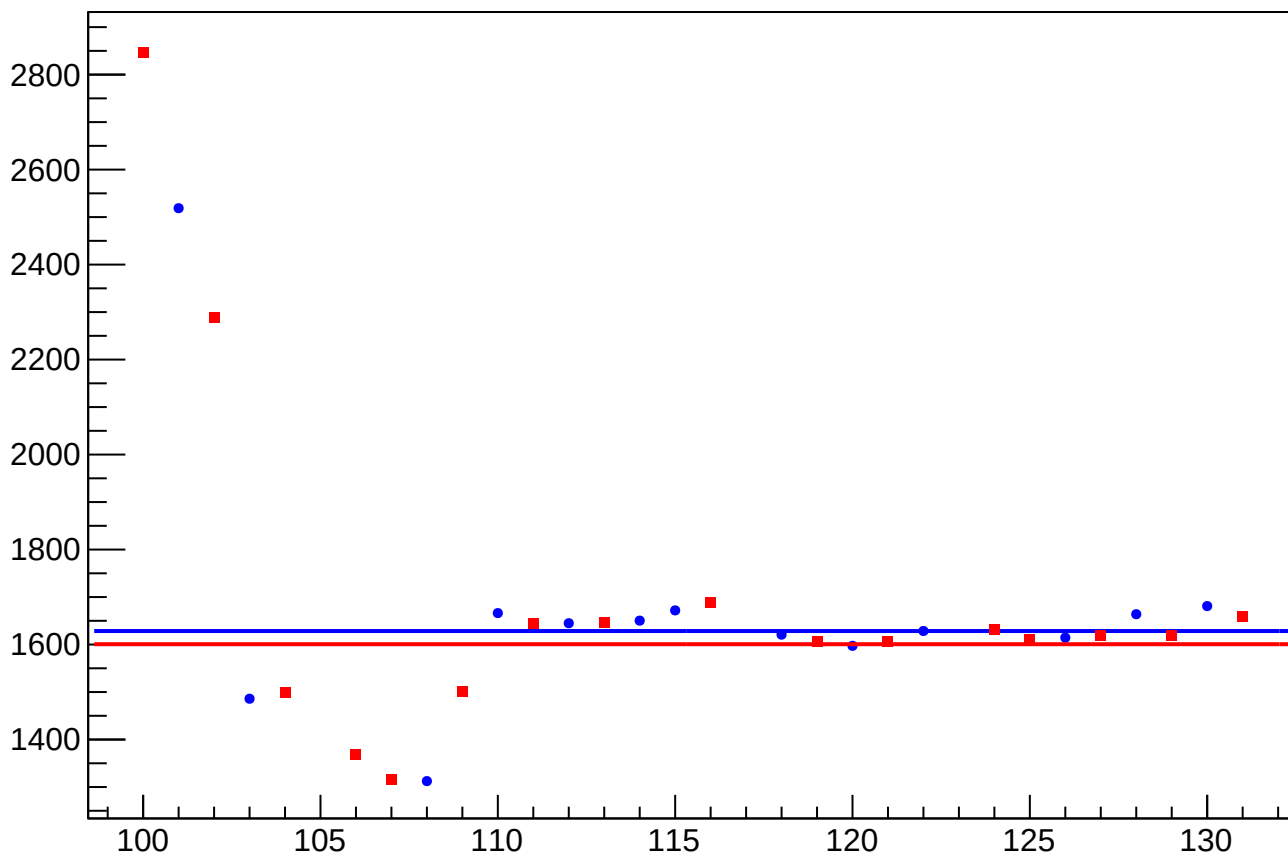
Right: 2763.706+/-476.631 χ^2/NDF : 21.3/28

In: 3232.176+/-698.907 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2763.706+/-476.631 χ^2/NDF : 21.3/28

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1628.486+/-0.494 χ^2/NDF : 222941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.715+/-0.460 χ^2/NDF : 168718.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

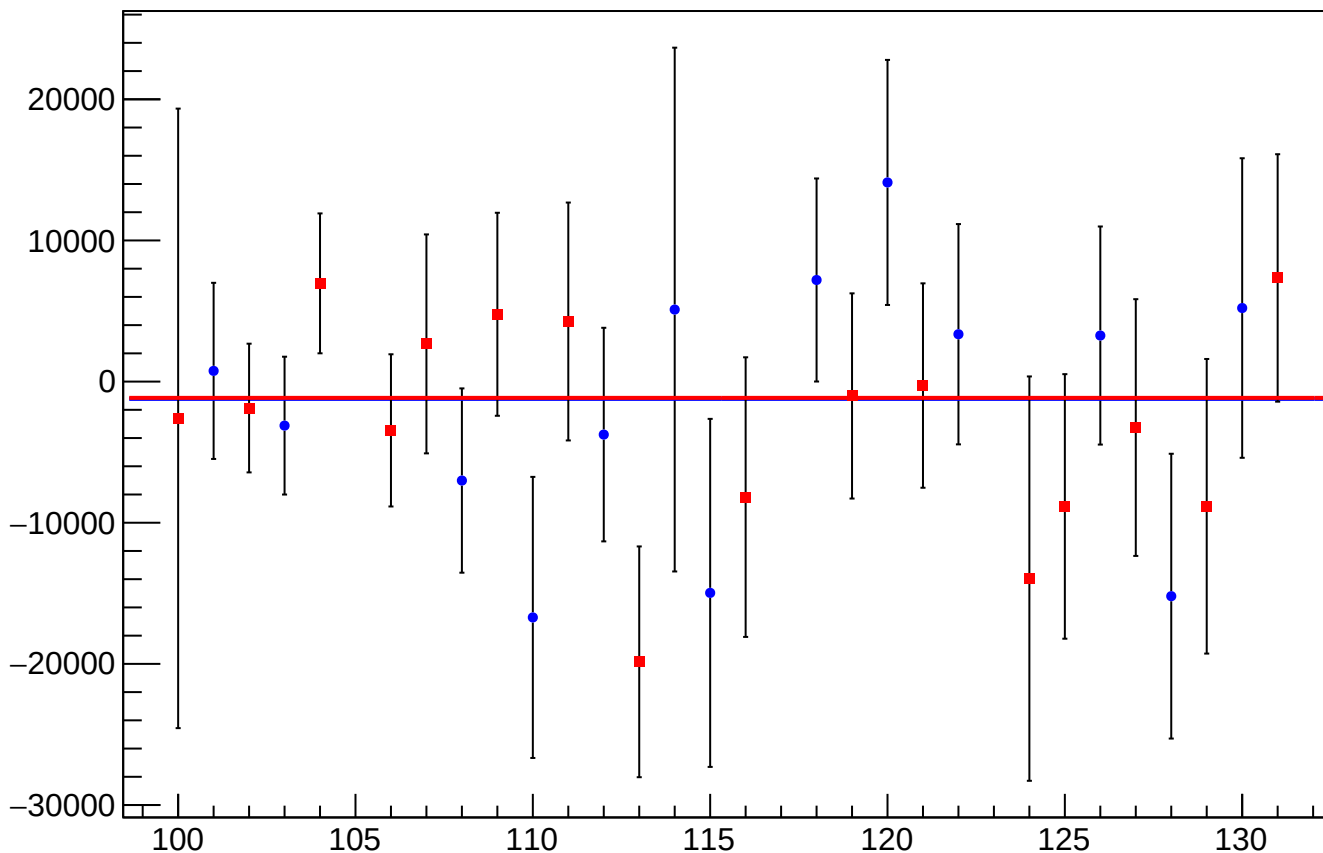
Right: 1613.617+/-0.337 χ^2/NDF : 393350.1/28

In: 1628.486+/-0.494 χ^2/NDF : 222941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.617+/-0.337 χ^2/NDF : 393350.1/28

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1225.525+/-2168.789 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1153.034+/-1860.072 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

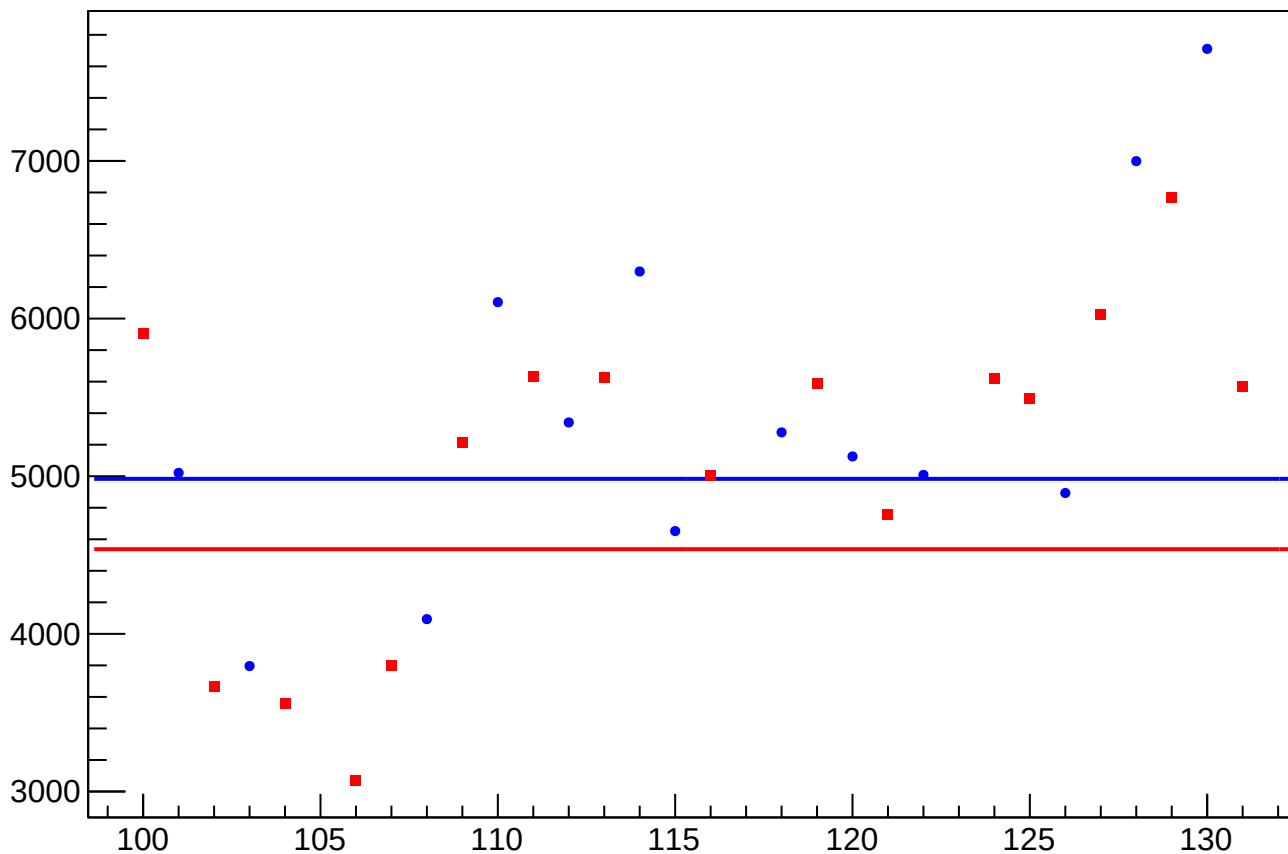
Right: -1183.757+/-1411.915 χ^2/NDF : 25.4/28

In: -1225.525+/-2168.789 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1183.757+/-1411.915 χ^2/NDF : 25.4/28

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4983.352+/-1.534 χ^2/NDF : 412964.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4537.369+/-1.315 χ^2/NDF : 665390.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

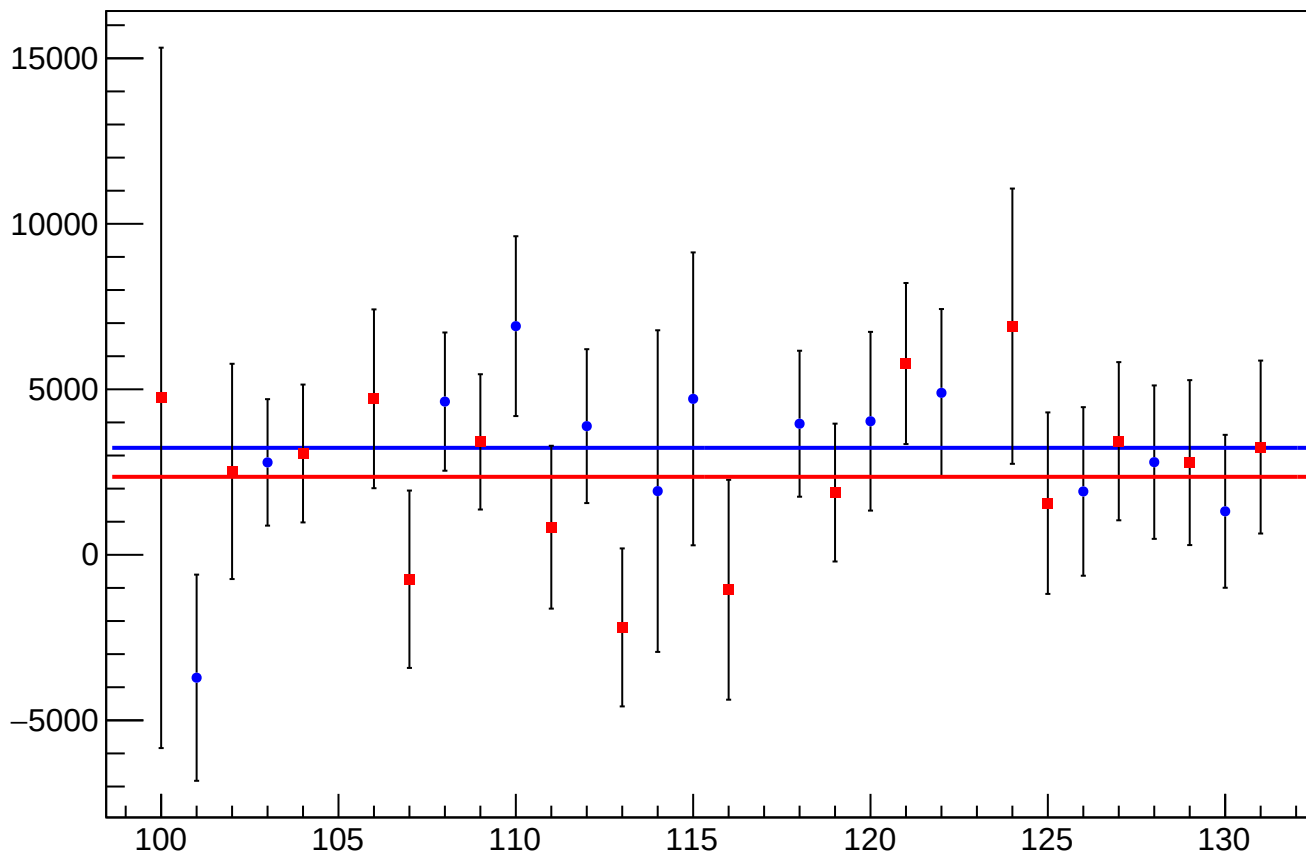
Right: 4726.386+/-0.998 χ^2/NDF : 1127083.8/28

In: 4983.352+/-1.534 χ^2/NDF : 412964.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4726.386+/-0.998 χ^2/NDF : 1127083.8/28

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3232.177+/-698.907 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.412+/-651.684 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

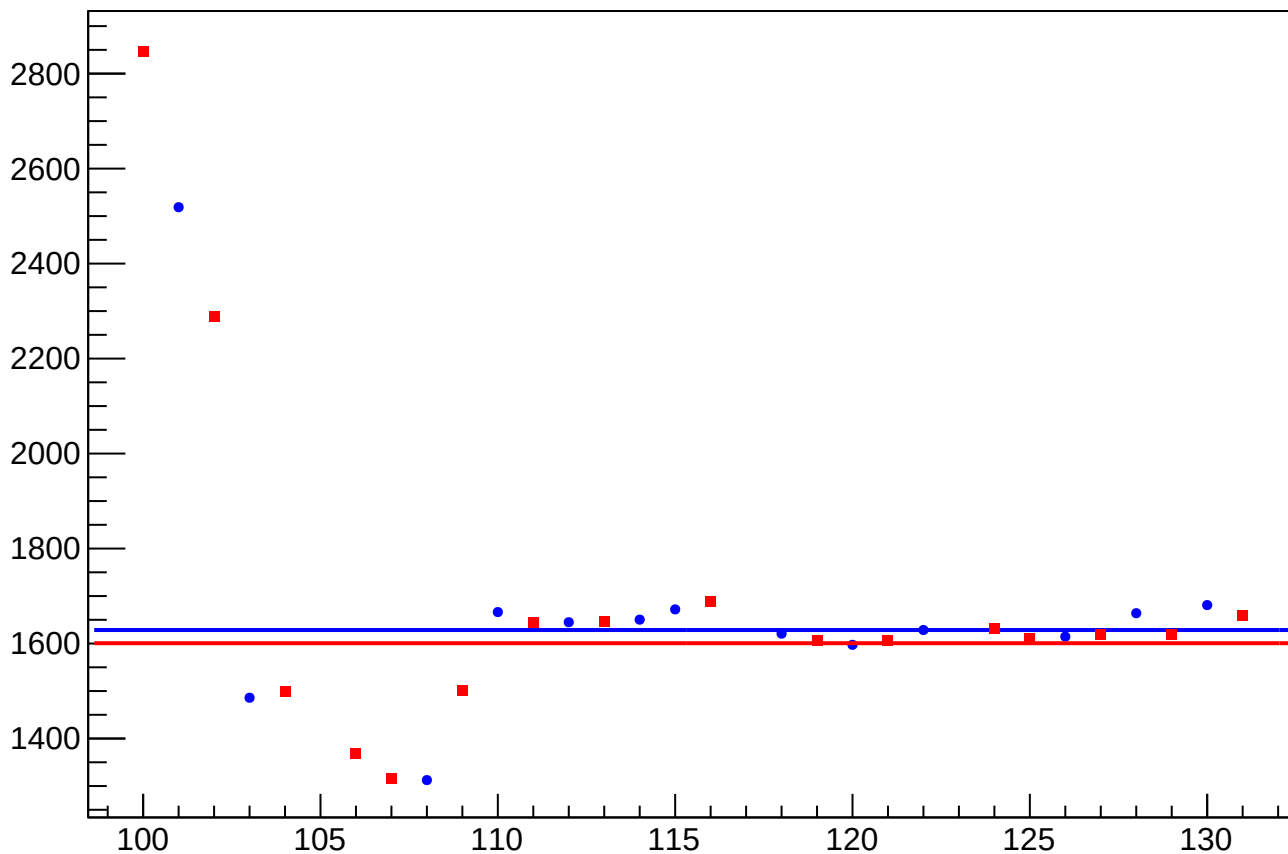
Right: 2763.711+/-476.631 χ^2/NDF : 21.3/28

In: 3232.177+/-698.907 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2763.711+/-476.631 χ^2/NDF : 21.3/28

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1628.485+/-0.494 χ^2/NDF : 222941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.715+/-0.460 χ^2/NDF : 168718.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

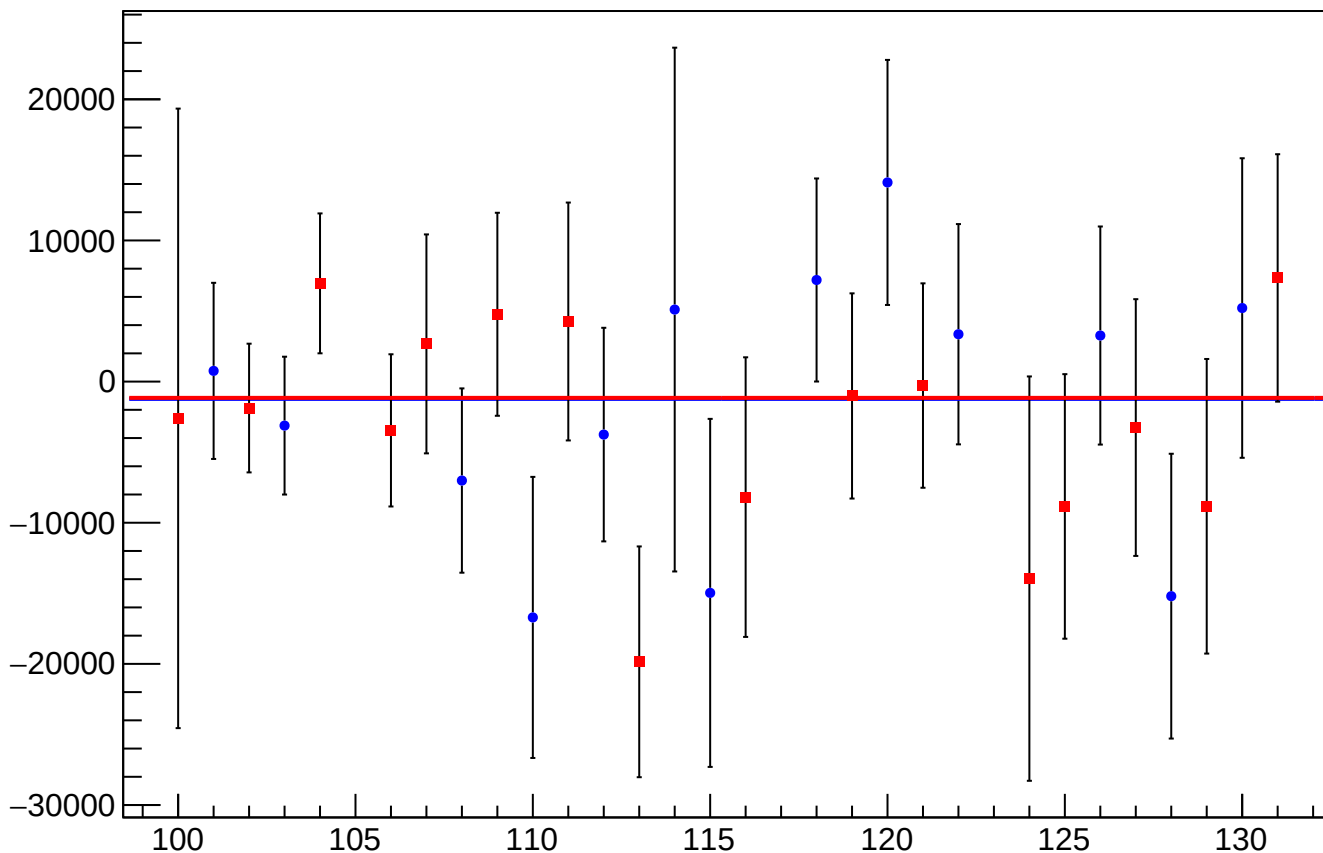
Right: 1613.616+/-0.337 χ^2/NDF : 393349.9/28

In: 1628.485+/-0.494 χ^2/NDF : 222941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.616+/-0.337 χ^2/NDF : 393349.9/28

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1225.518+/-2168.784 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1153.033+/-1860.069 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

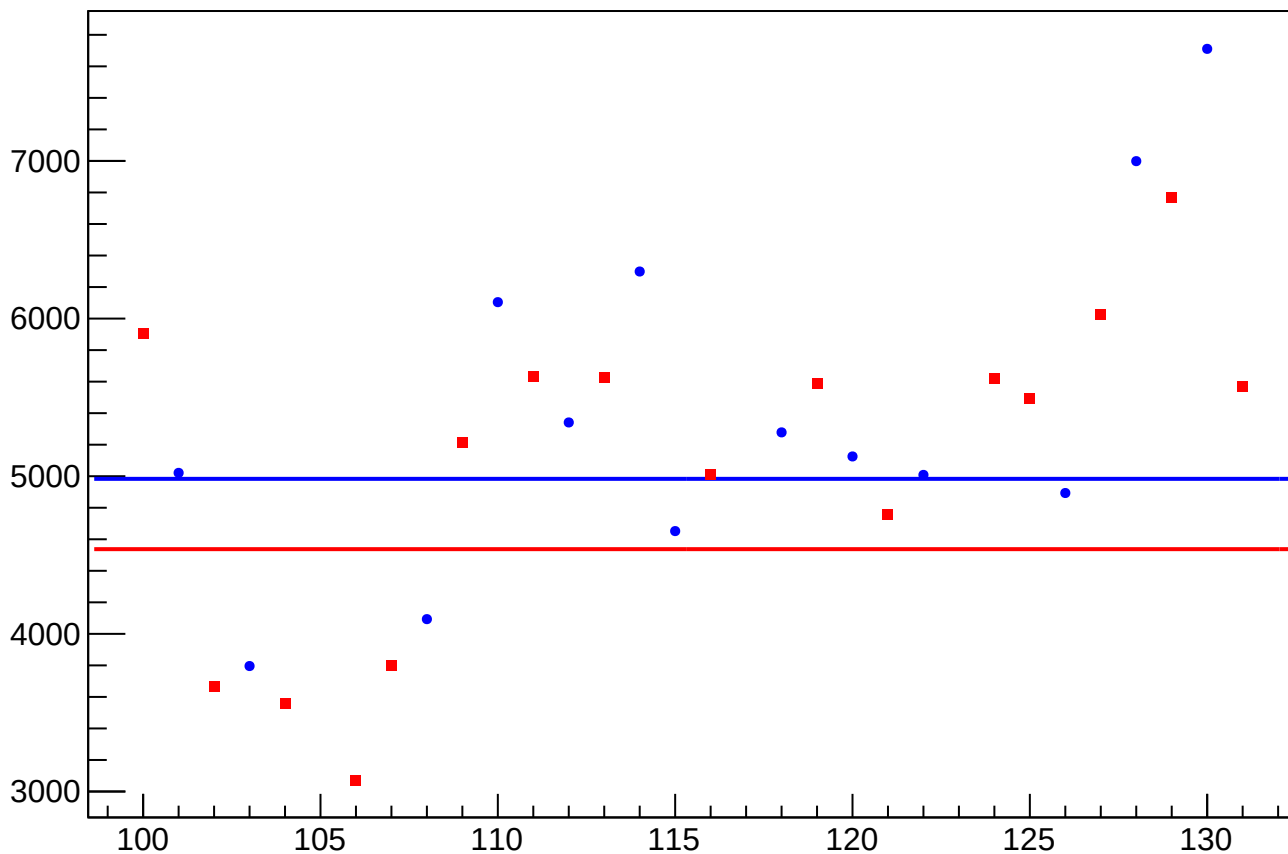
Right: -1183.754+/-1411.912 χ^2/NDF : 25.4/28

In: -1225.518+/-2168.784 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1183.754+/-1411.912 χ^2/NDF : 25.4/28

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4983.341+/-1.534 χ^2/NDF : 412958.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4537.361+/-1.315 χ^2/NDF : 665384.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

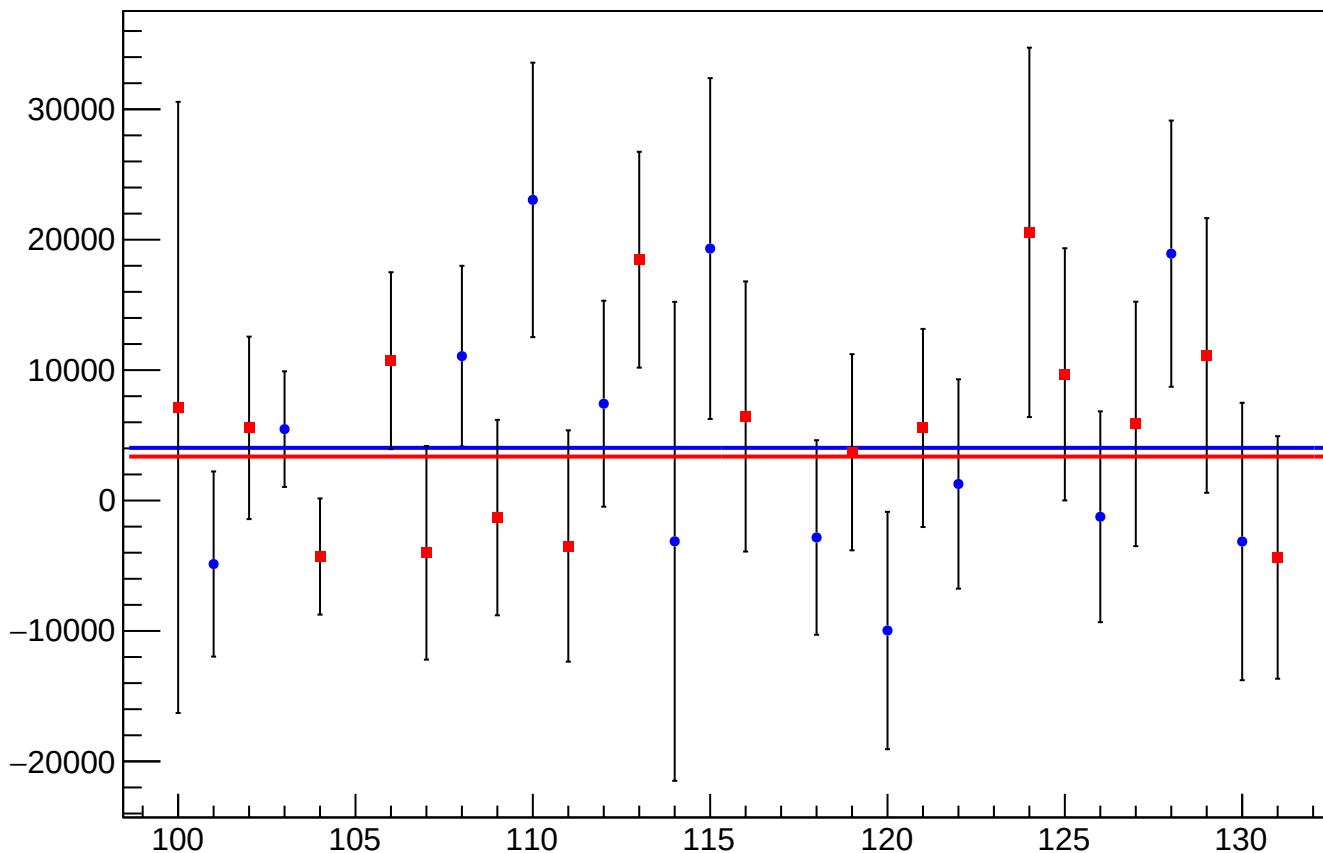
Right: 4726.377+/-0.998 χ^2/NDF : 1127072.1/28

In: 4983.341+/-1.534 χ^2/NDF : 412958.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4726.377+/-0.998 χ^2/NDF : 1127072.1/28

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4039.580+/-2209.671 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3370.321+/-2014.527 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

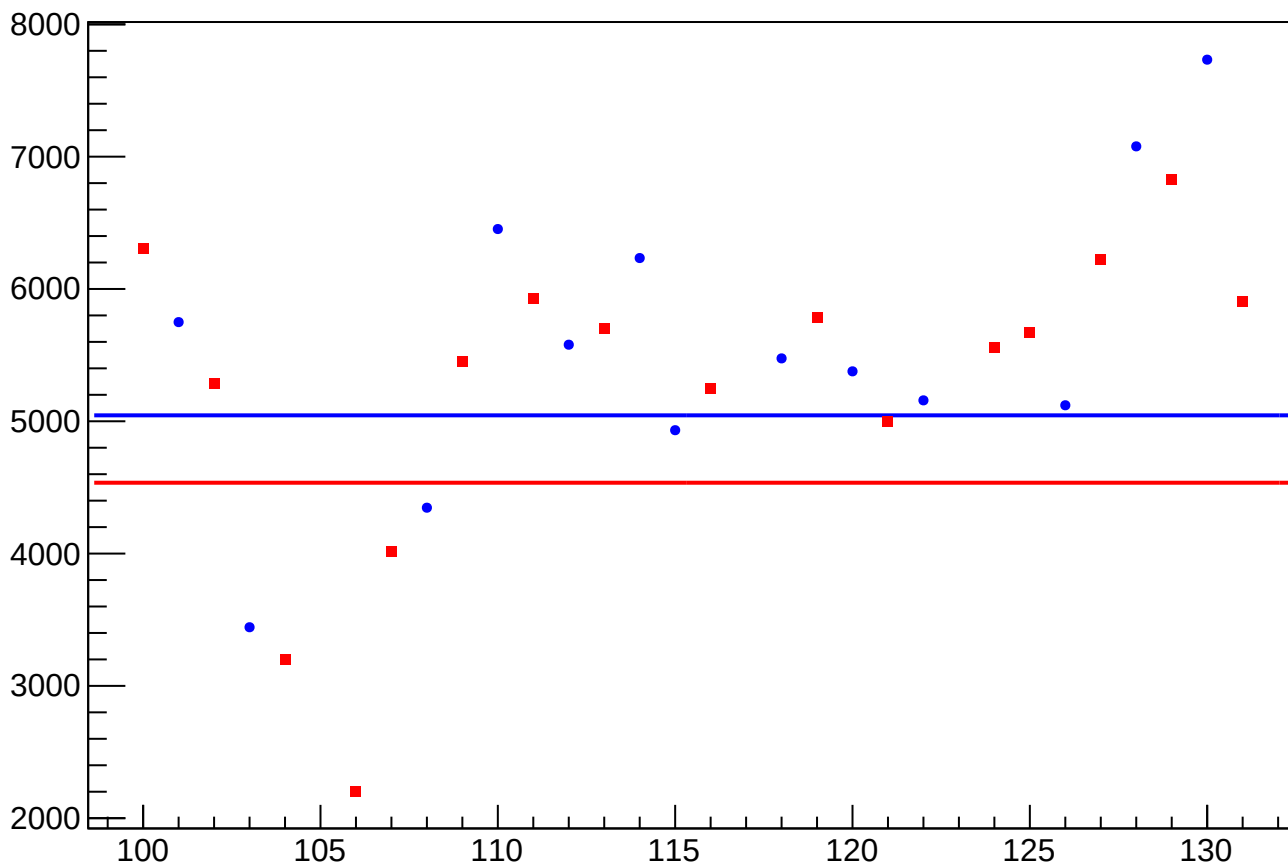
Right: 3674.099+/-1488.705 χ^2/NDF : 26.8/28

In: 4039.580+/-2209.671 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3674.099+/-1488.705 χ^2/NDF : 26.8/28

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 5044.871+/-1.562 χ^2/NDF : 571756.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4535.517+/-1.363 χ^2/NDF : 1140734.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

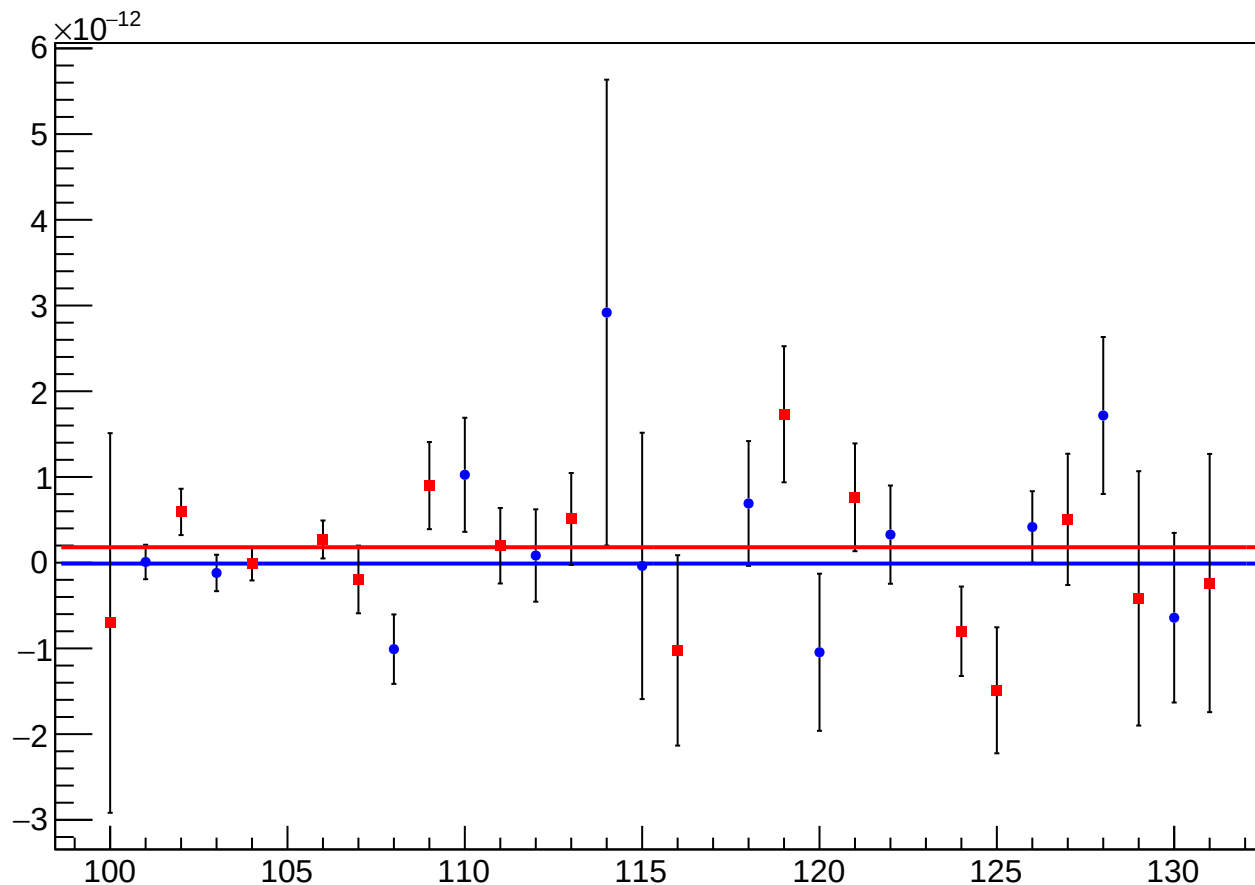
Right: 4755.537+/-1.027 χ^2/NDF : 1772857.8/28

In: 5044.871+/-1.562 χ^2/NDF : 571756.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4755.537+/-1.027 χ^2/NDF : 1772857.8/28

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/12

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

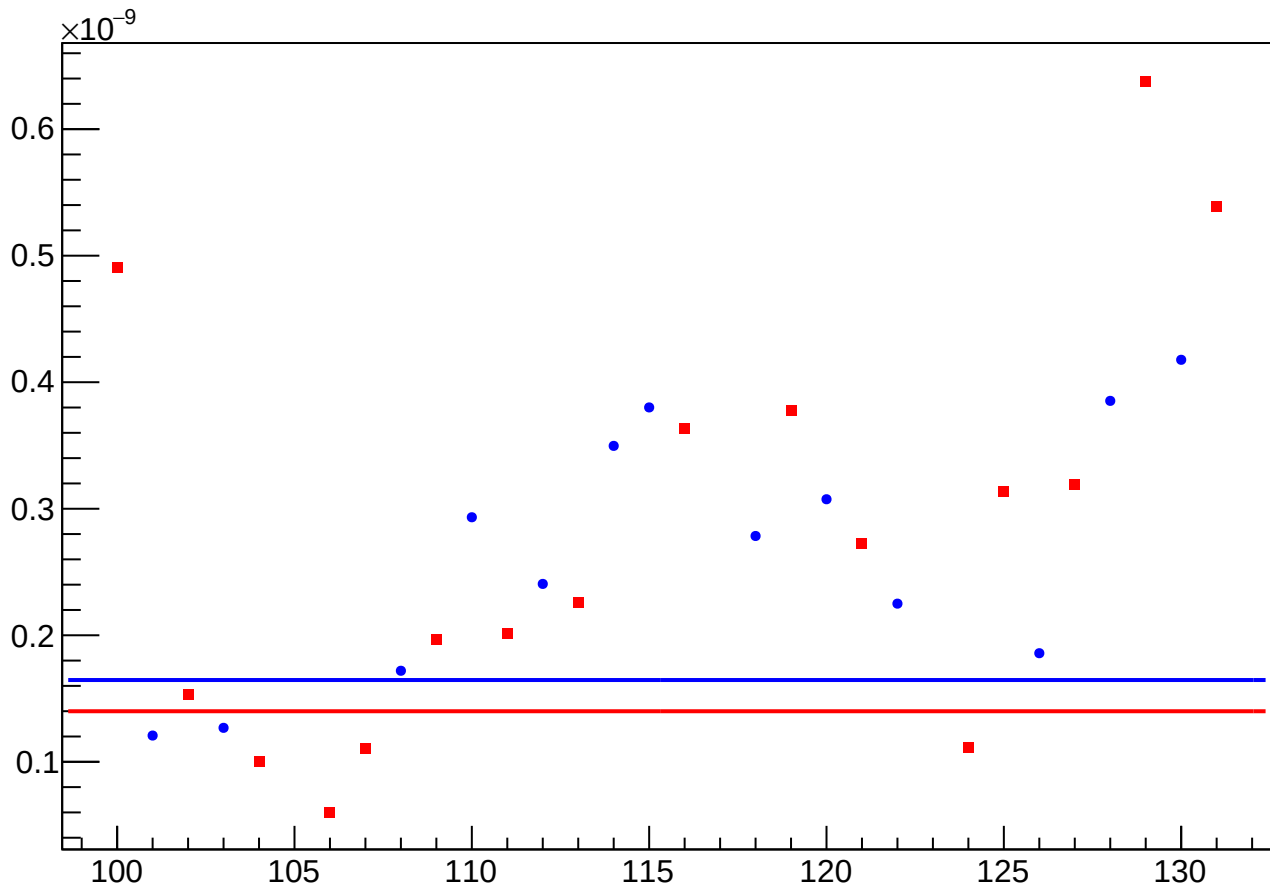
Right: 0.000+/-0.000 χ^2/NDF : 40.9/28

In: -0.000+/-0.000 χ^2/NDF : 17.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.9/28

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 693363.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1472715.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

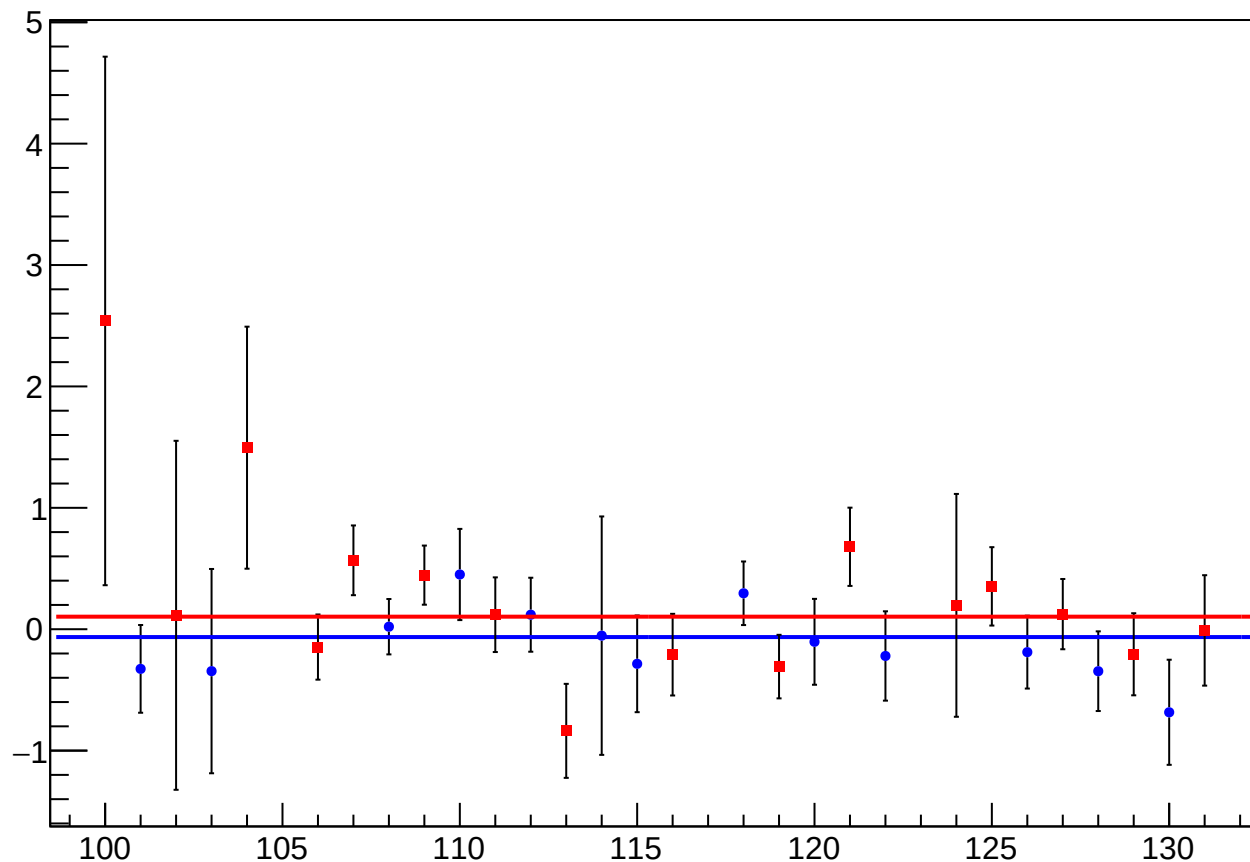
Right: 0.000+/-0.000 χ^2/NDF : 2216095.3/28

In: 0.000+/-0.000 χ^2/NDF : 693363.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2216095.3/28

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.103+/-0.087 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

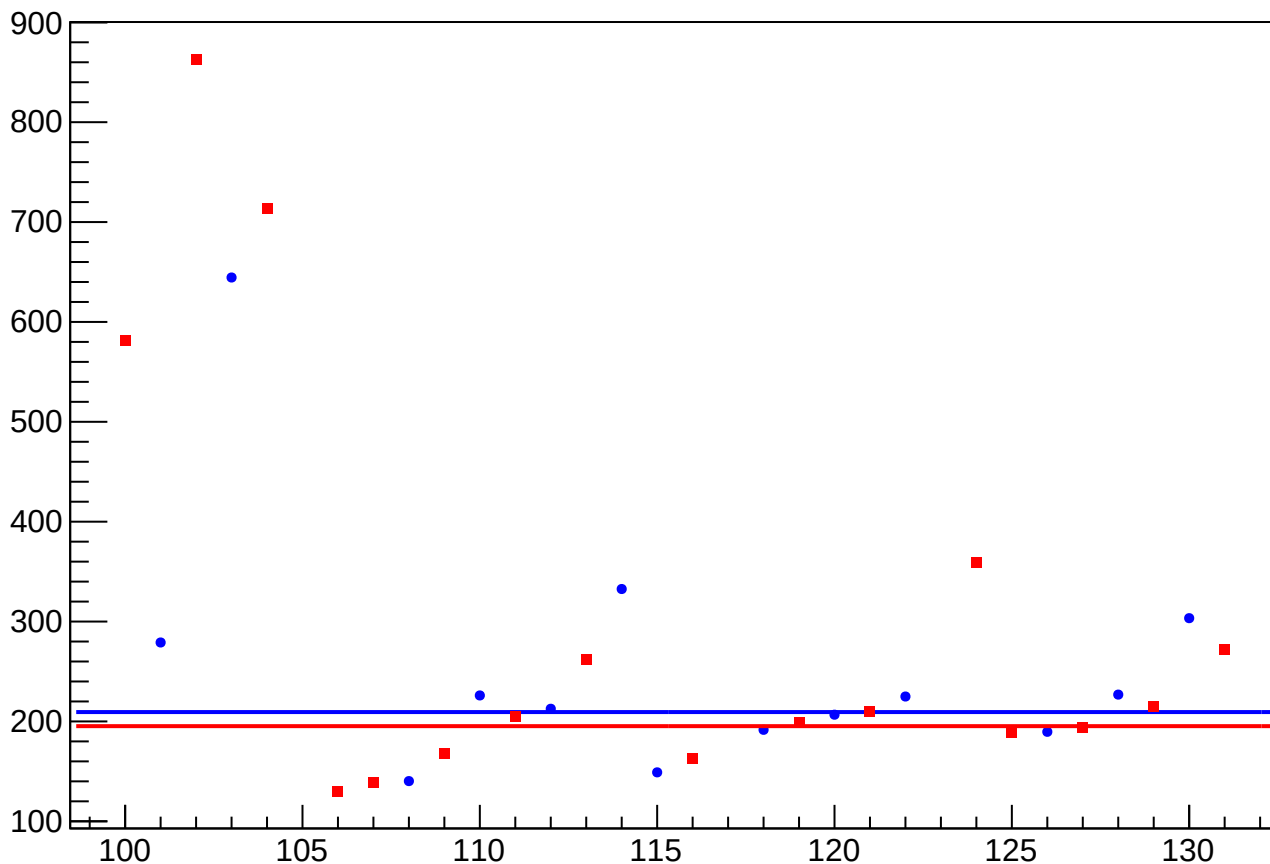
Right: 0.027+/-0.065 χ^2/NDF : 32.7/28

In: -0.065+/-0.096 χ^2/NDF :8.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.027+/-0.065 χ^2/NDF : 32.7/28

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.272+/-0.062 χ^2/NDF : 1467165.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

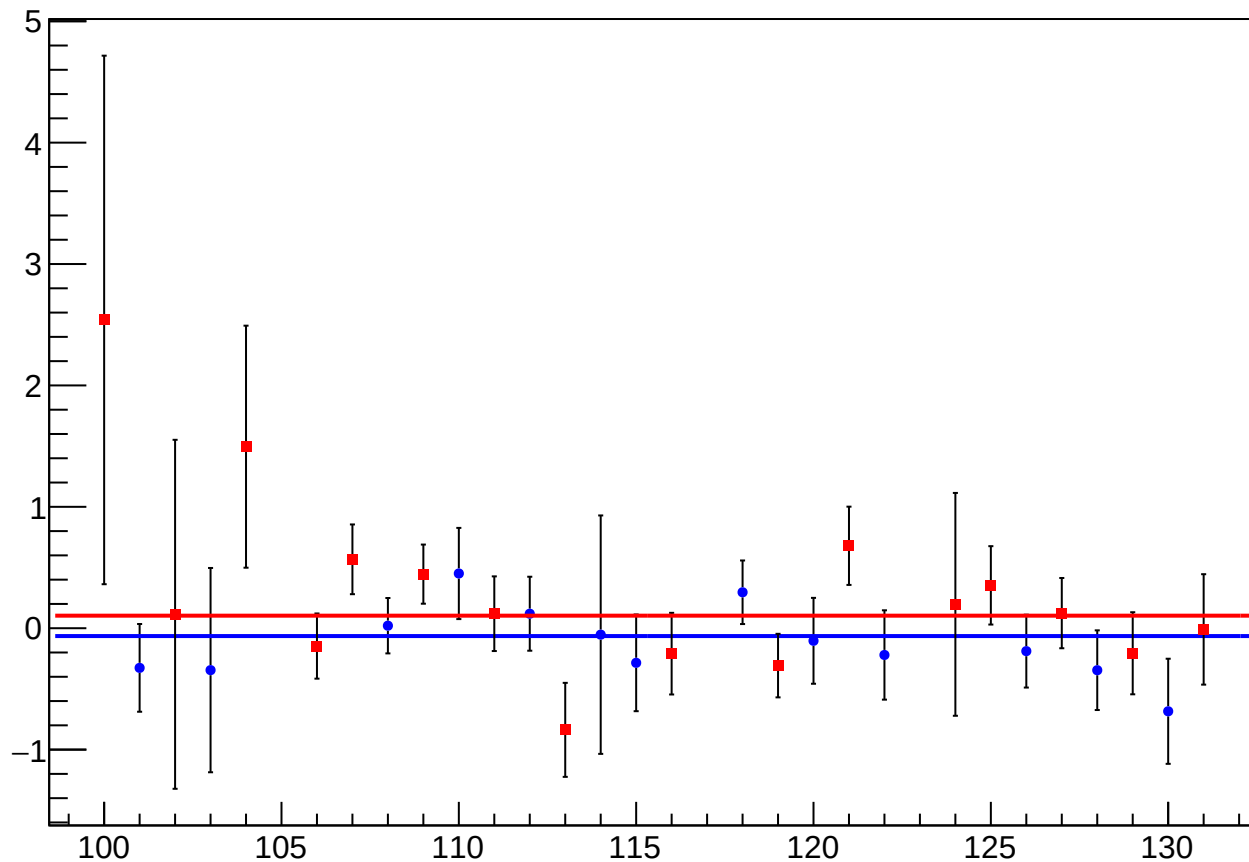
Right: 201.678+/-0.046 χ^2/NDF : 2486700.4/28

In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.678+/-0.046 χ^2/NDF : 2486700.4/28

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.103+/-0.087 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

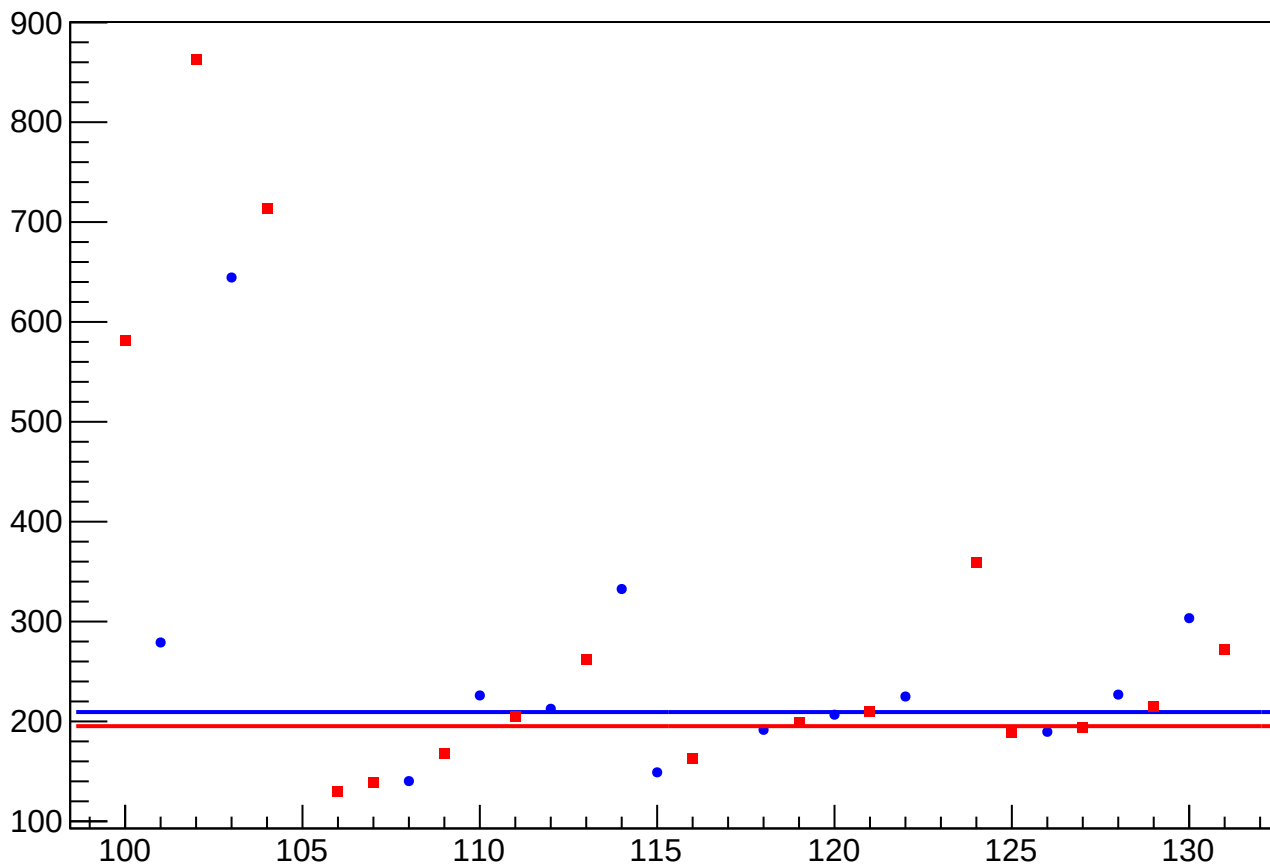
Right: 0.027+/-0.065 χ^2/NDF : 32.7/28

In: -0.065+/-0.096 χ^2/NDF :8.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.027+/-0.065 χ^2/NDF : 32.7/28

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.272+/-0.062 χ^2/NDF : 1467165.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

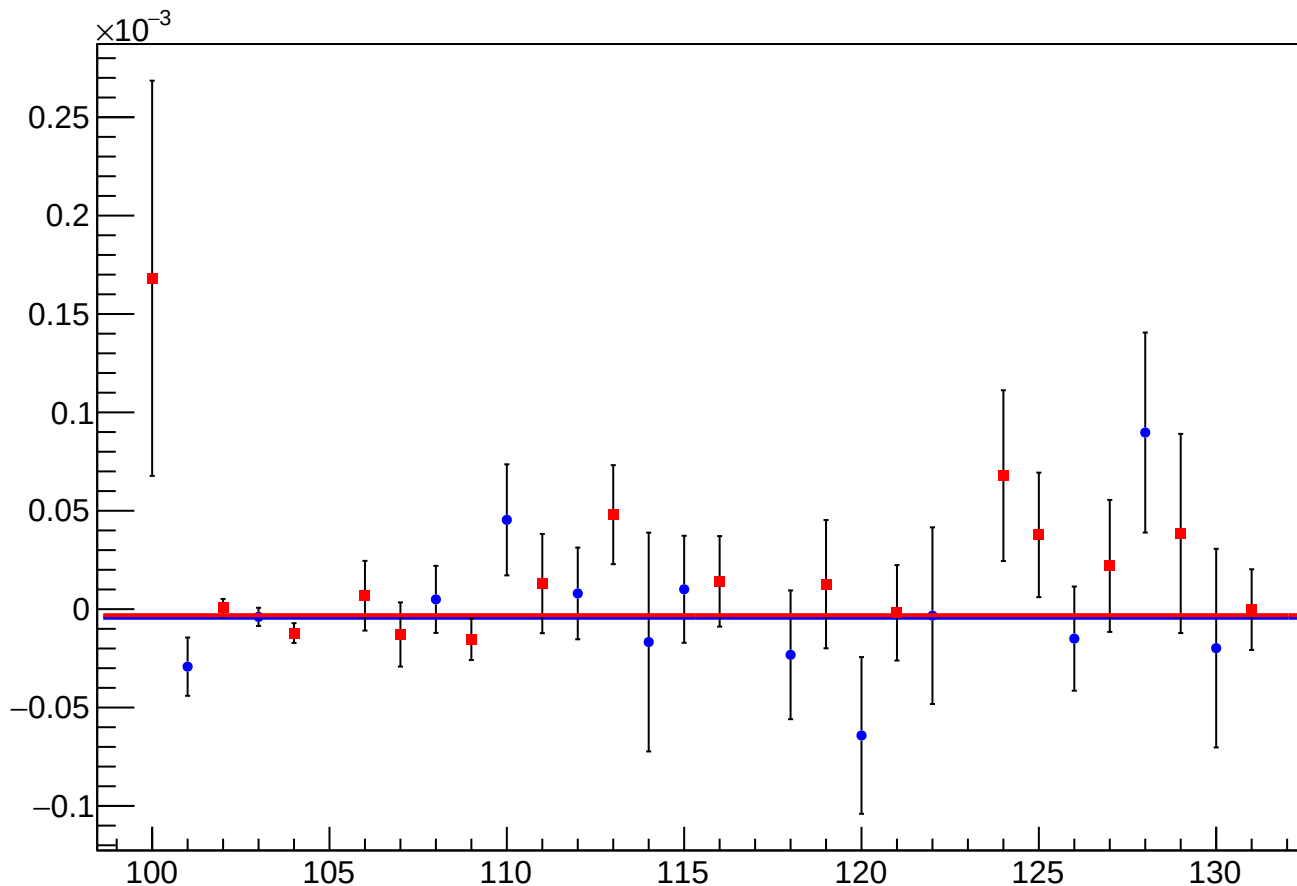
Right: 201.678+/-0.046 χ^2/NDF : 2486700.4/28

In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.678+/-0.046 χ^2/NDF : 2486700.4/28

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

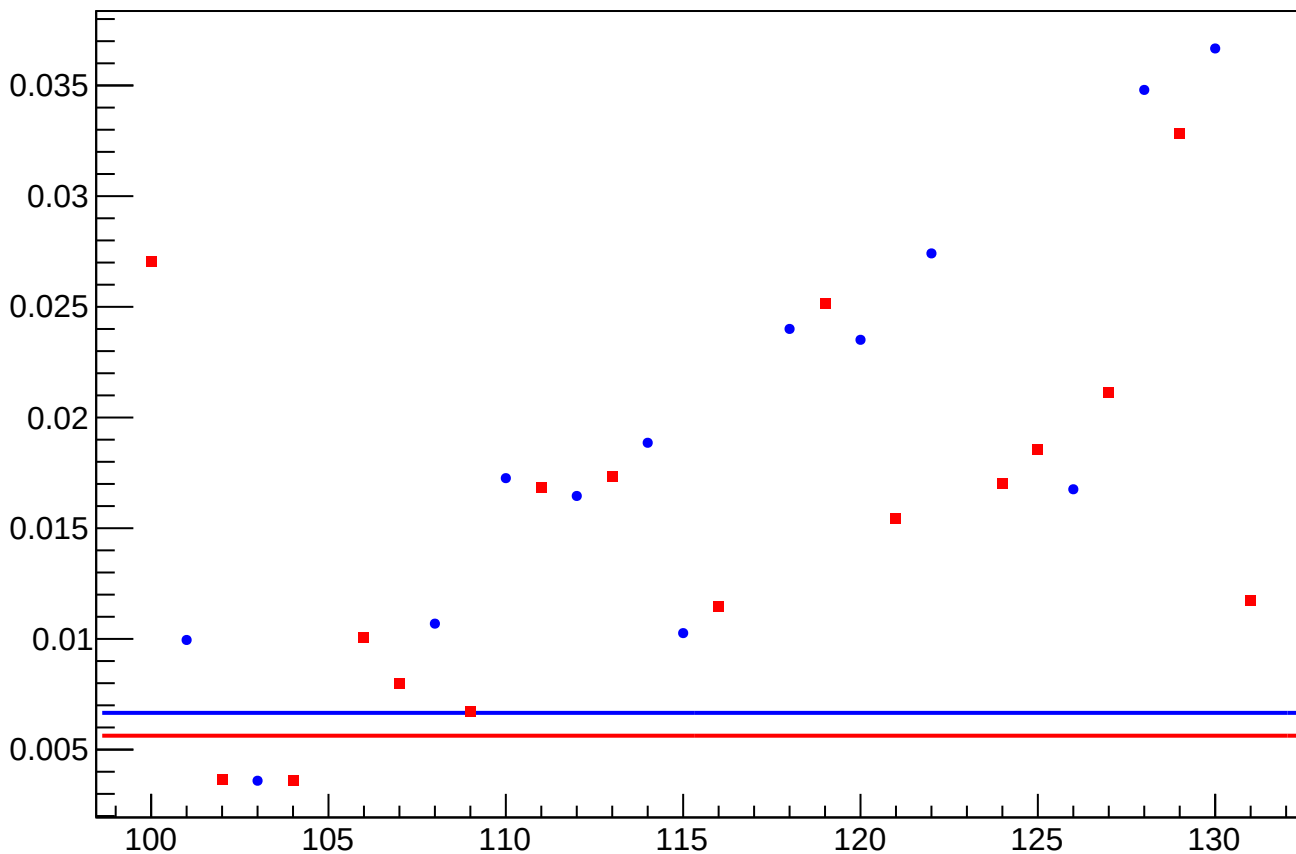
Right: -0.000+/-0.000 χ^2/NDF : 33.0/28

In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.0/28

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4816297.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4630841.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

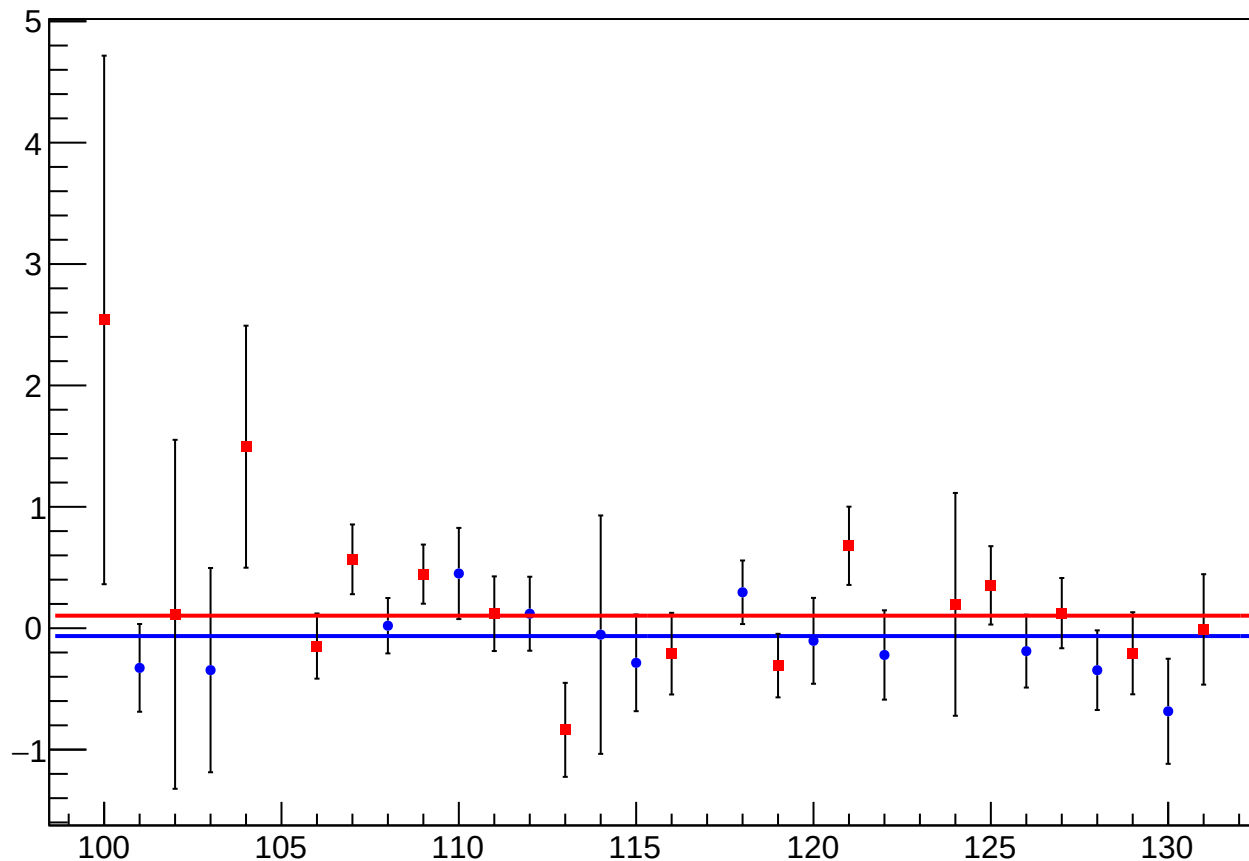
Right: 0.006+/-0.000 χ^2/NDF : 9535044.8/28

In: 0.007+/-0.000 χ^2/NDF : 4816297.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 9535044.8/28

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.103+/-0.087 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

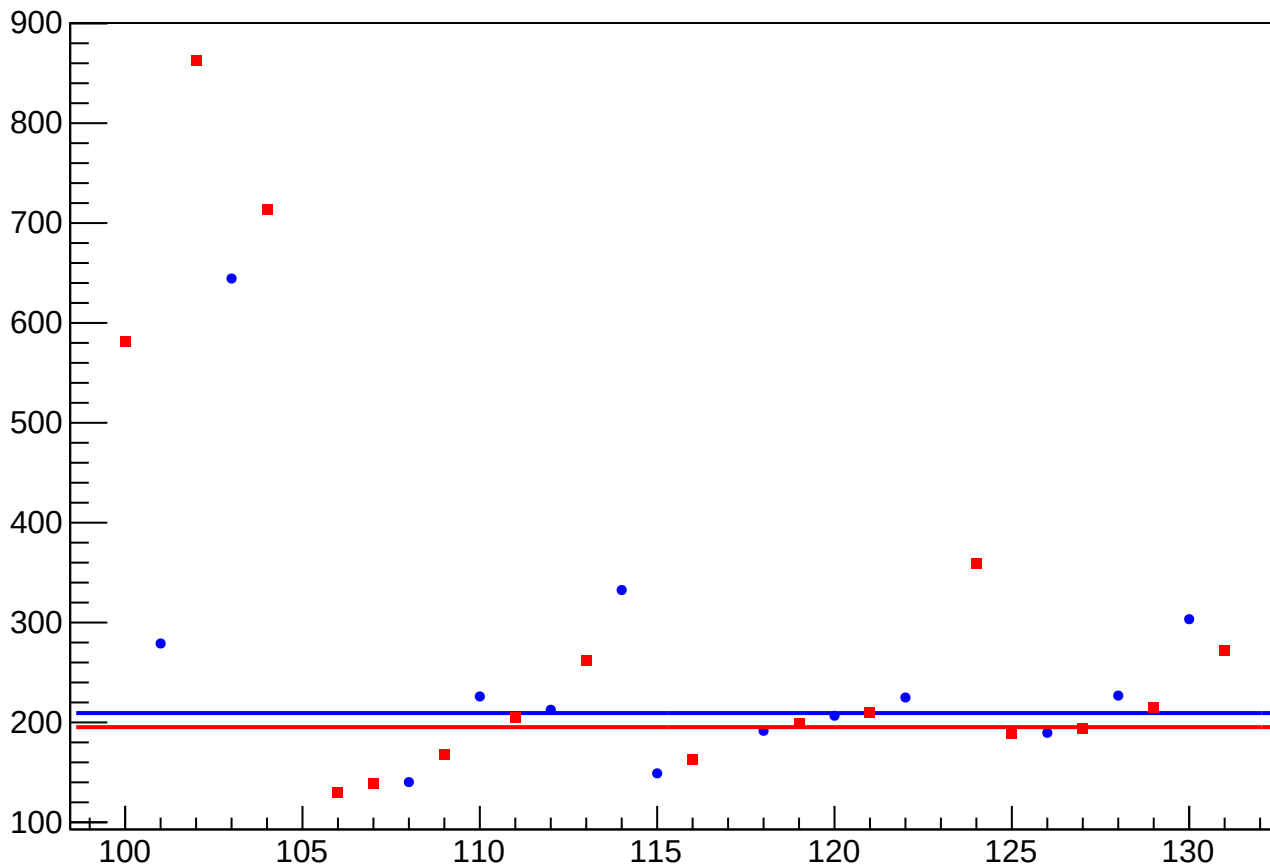
Right: 0.027+/-0.065 χ^2/NDF : 32.7/28

In: -0.065+/-0.096 χ^2/NDF :8.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.027+/-0.065 χ^2/NDF : 32.7/28

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.270+/-0.062 χ^2/NDF : 1467141.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

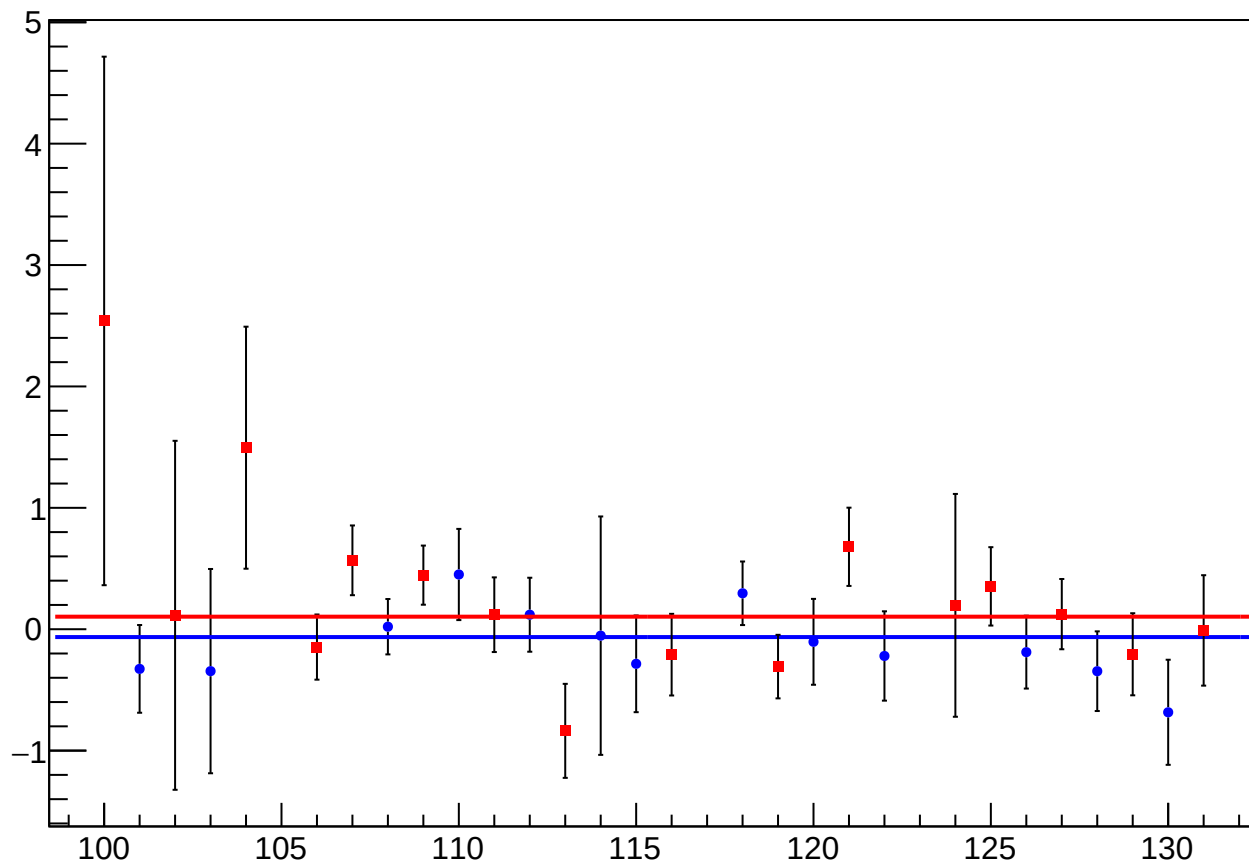
Right: 201.676+/-0.046 χ^2/NDF : 2486639.8/28

In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.676+/-0.046 χ^2/NDF : 2486639.8/28

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065 ± 0.096 χ^2/NDF : 8.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.103 ± 0.087 χ^2/NDF : 22.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

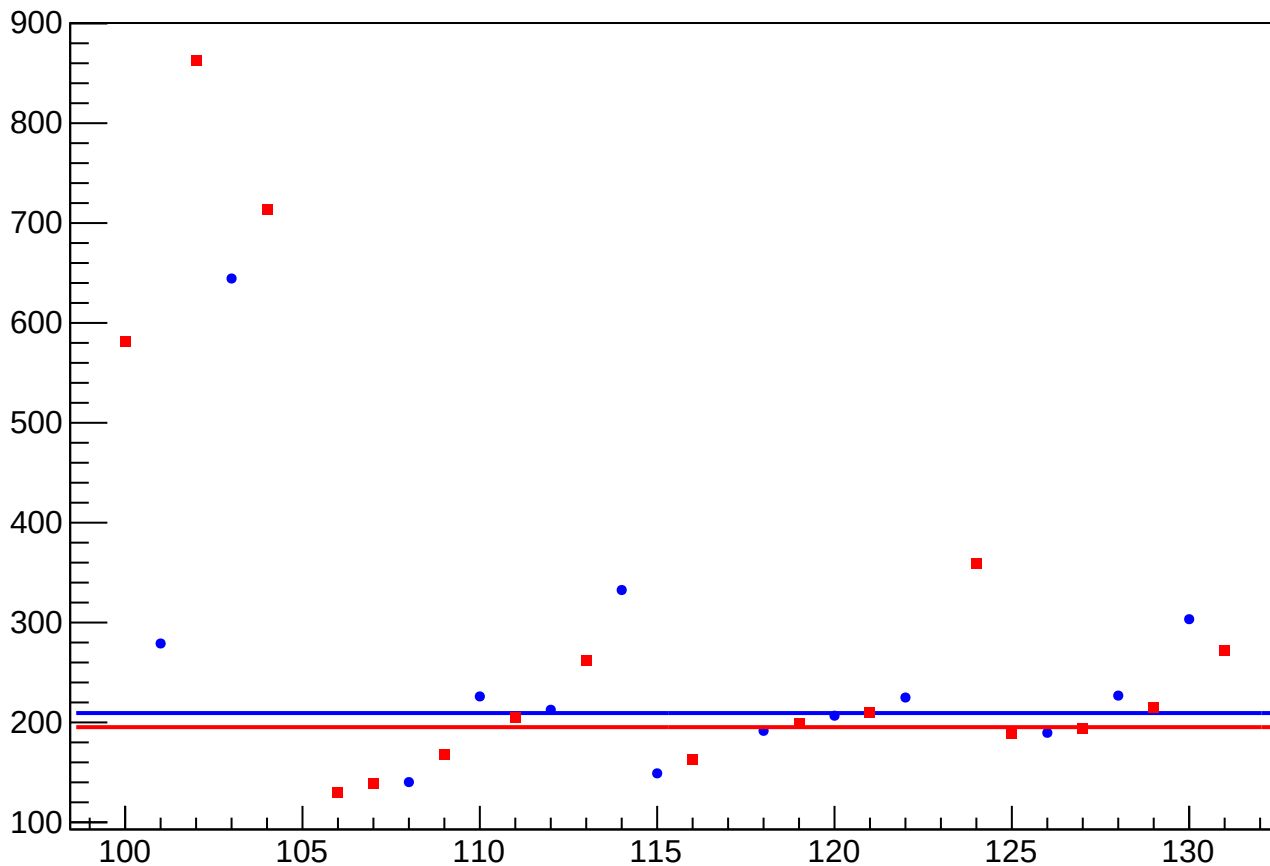
Right: 0.027 ± 0.065 χ^2/NDF : 32.7/28

In: -0.065 ± 0.096 χ^2/NDF : 8.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.065 χ^2/NDF : 32.7/28

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 195.270+/-0.062 χ^2/NDF : 1467141.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

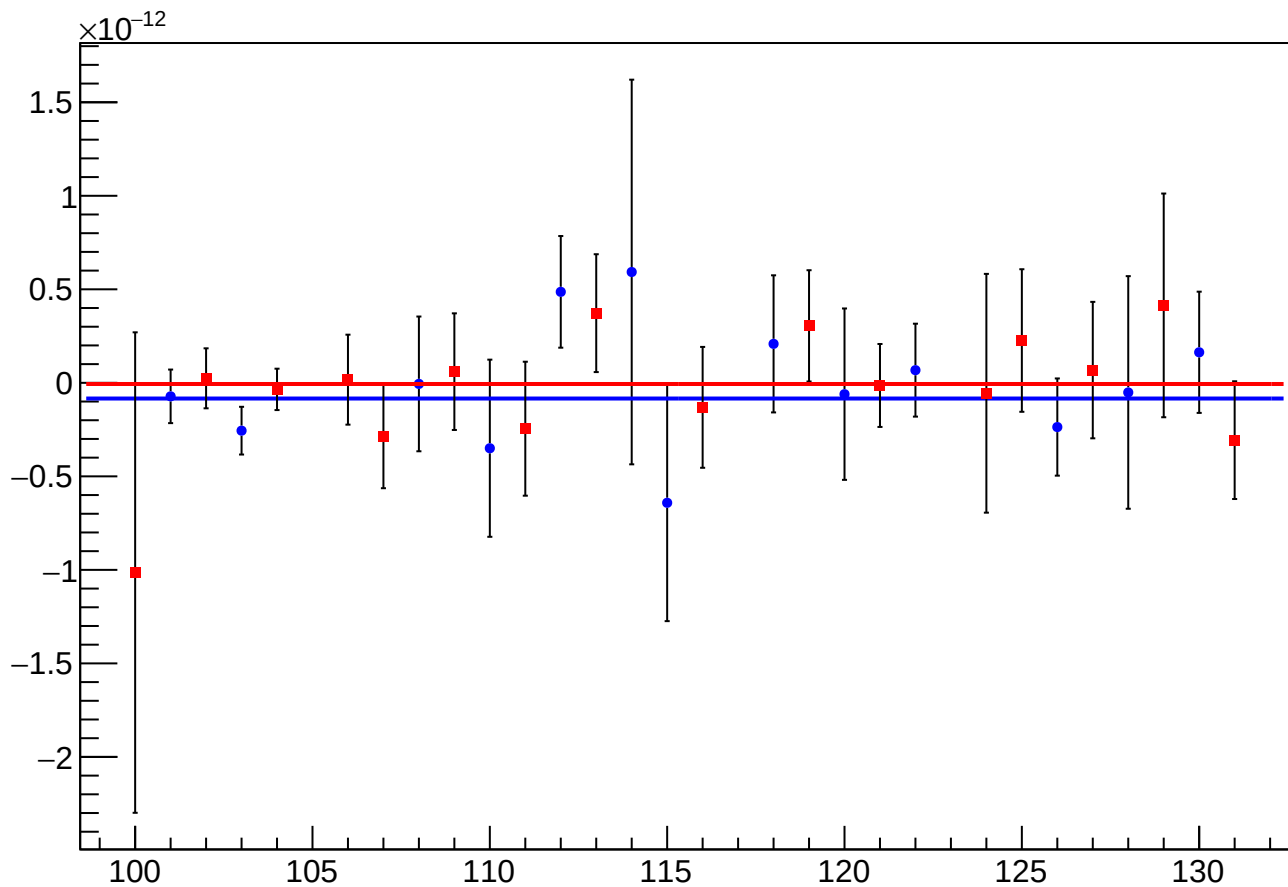
Right: 201.676+/-0.046 χ^2/NDF : 2486639.8/28

In: 209.373+/-0.068 χ^2/NDF :995797.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 201.676+/-0.046 χ^2/NDF : 2486639.8/28

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

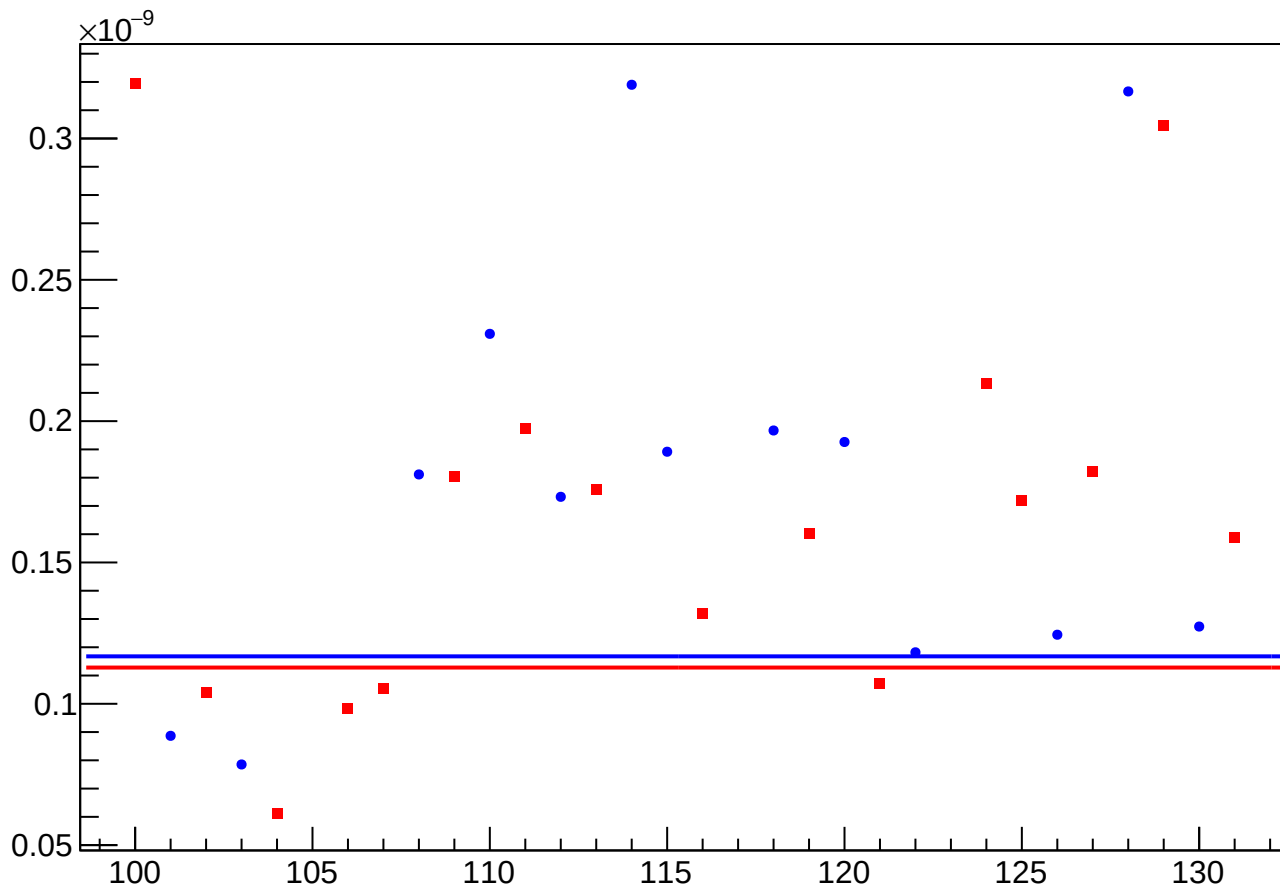
Right: -0.000+/-0.000 χ^2 /NDF: 16.4/28

In: -0.000+/-0.000 χ^2 /NDF:9.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.4/28

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 972286.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1267550.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

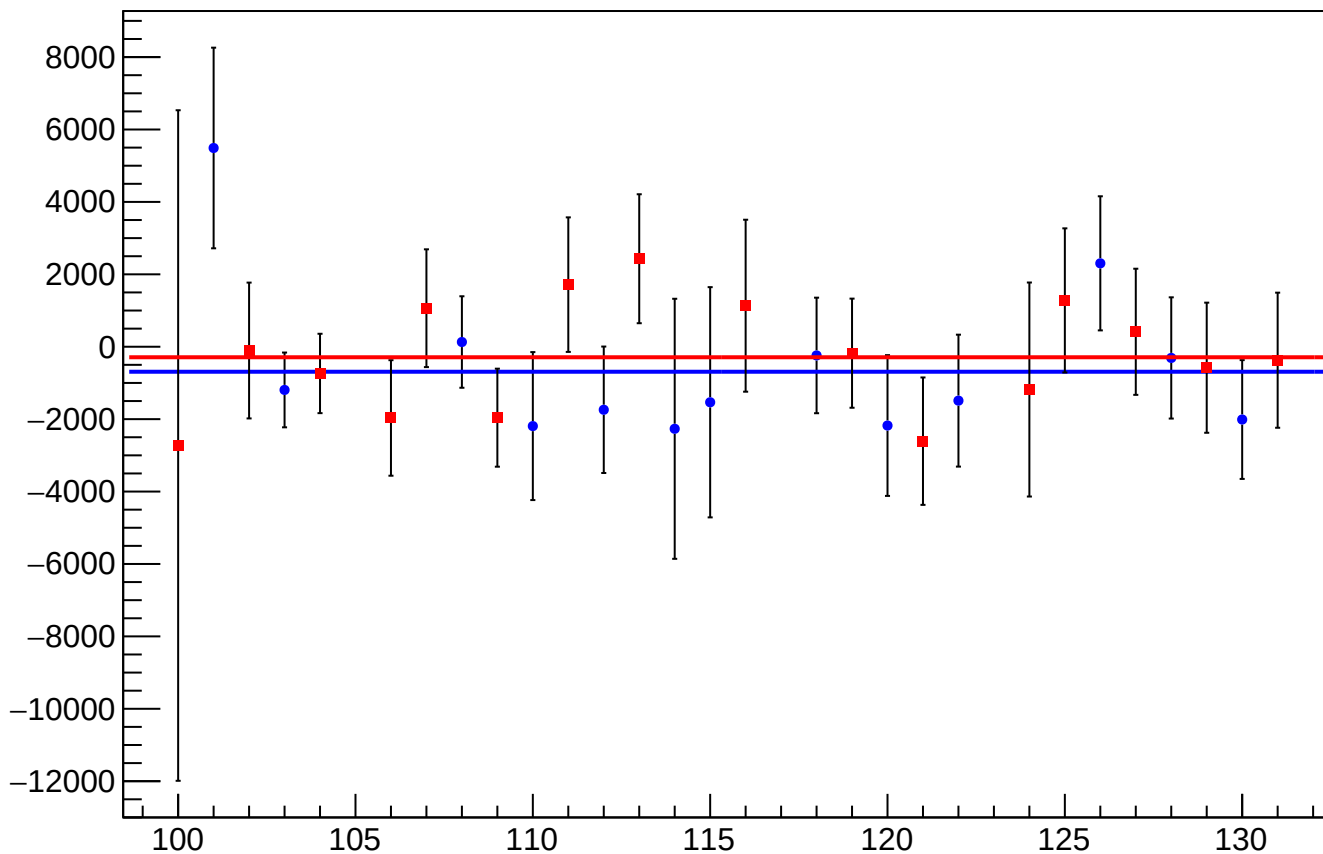
Right: 0.000+/-0.000 χ^2/NDF : 2243253.2/28

In: 0.000+/-0.000 χ^2/NDF : 972286.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2243253.2/28

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -690.565+/-475.850 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.587+/-435.043 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

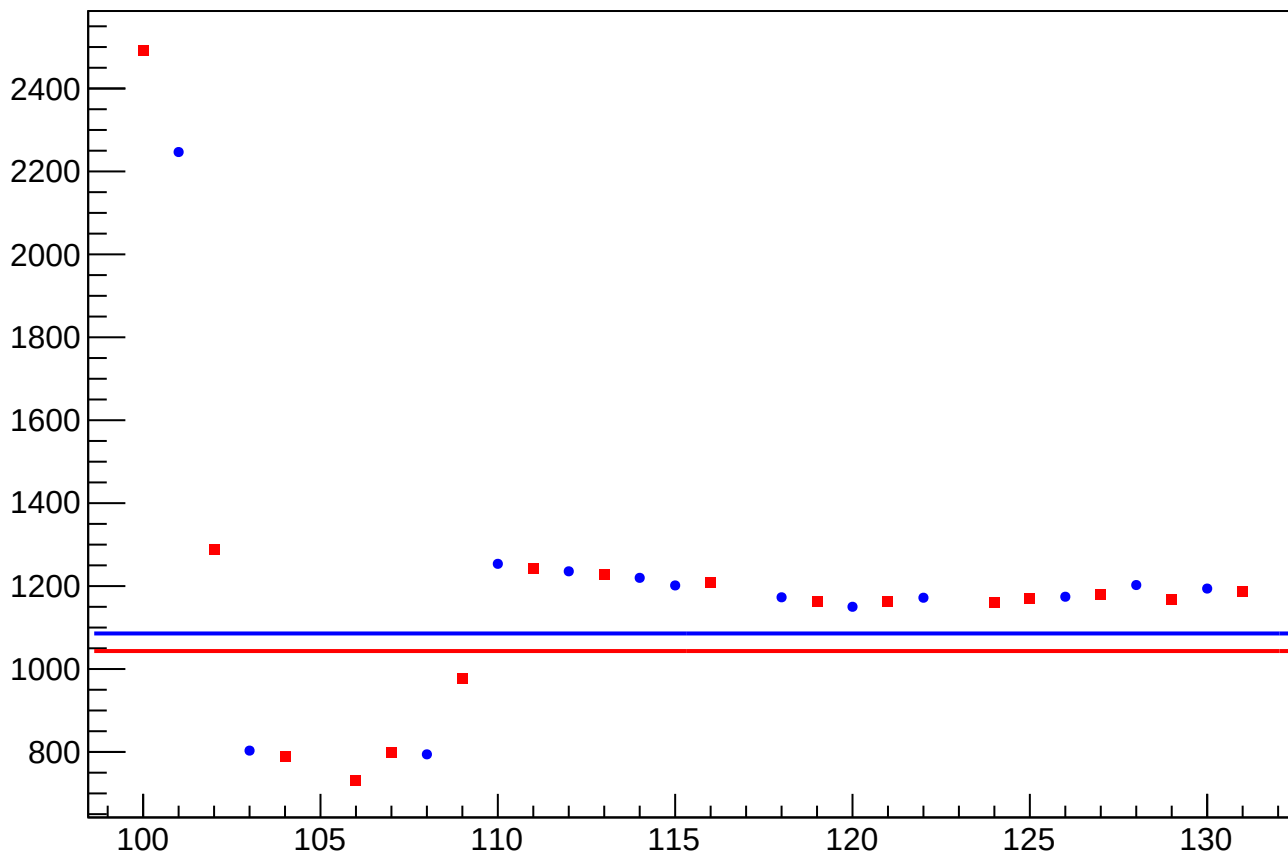
Right: -472.693+/-321.081 χ^2/NDF : 21.4/28

In: -690.565+/-475.850 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.693+/-321.081 χ^2/NDF : 21.4/28

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1085.745+/-0.336 χ^2/NDF : 676593.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.350+/-0.305 χ^2/NDF : 456694.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

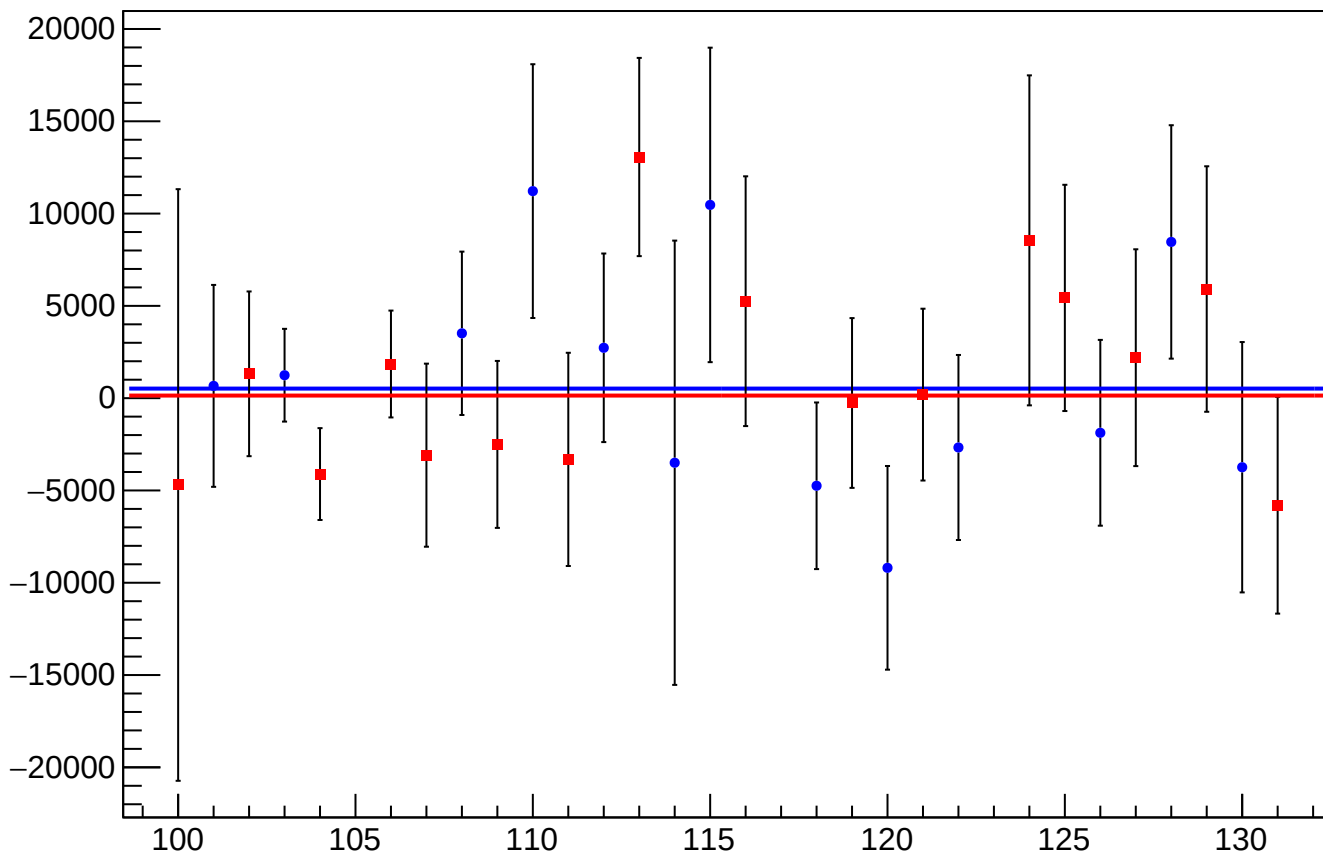
Right: 1062.457+/-0.226 χ^2/NDF : 1142007.9/28

In: 1085.745+/-0.336 χ^2/NDF : 676593.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1062.457+/-0.226 χ^2/NDF : 1142007.9/28

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 518.880 $\pm$ 1372.199 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.818 $\pm$ 1175.018 χ^2 /NDF: 14.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

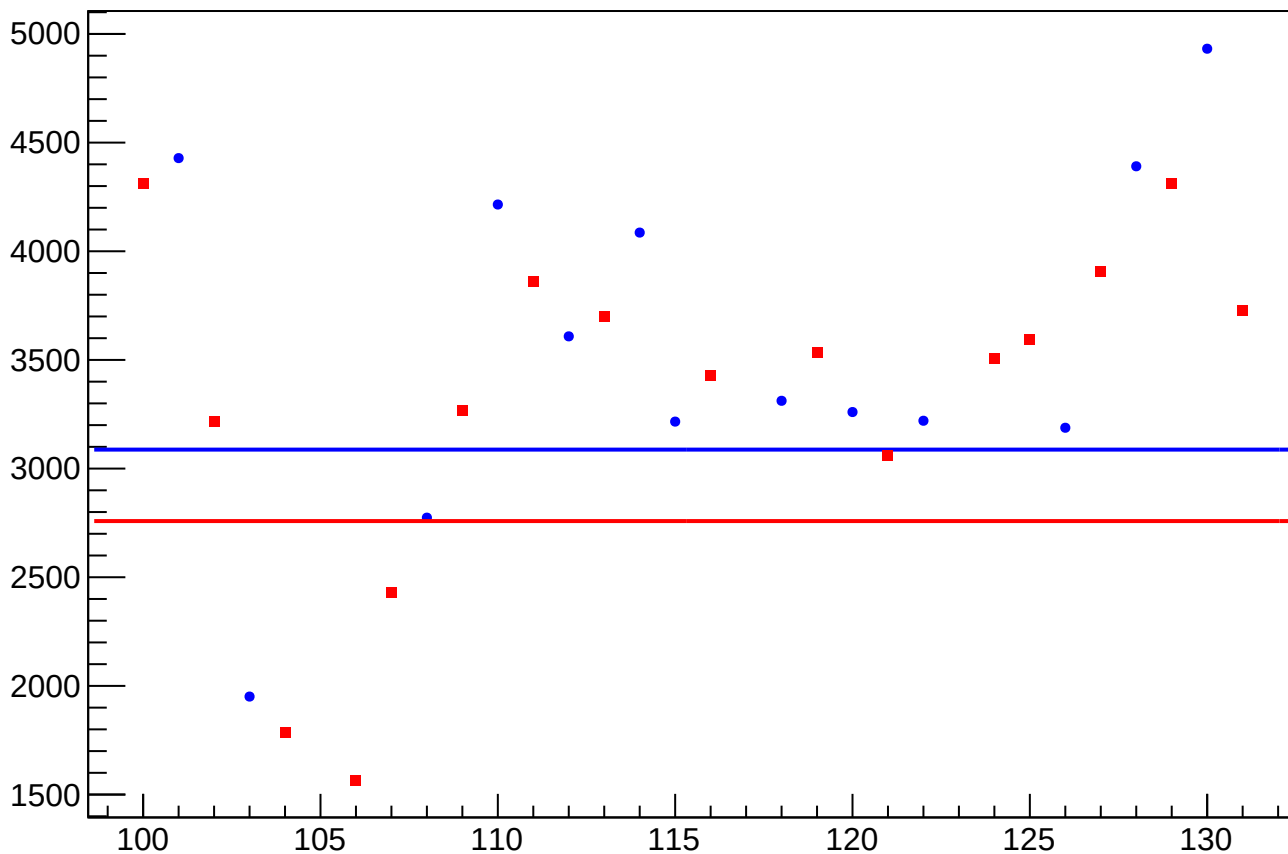
Right: 300.757 $\pm$ 892.511 χ^2 /NDF: 26.2/28

In: 518.880 $\pm$ 1372.199 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 300.757 $\pm$ 892.511 χ^2 /NDF: 26.2/28

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3087.306+/-0.970 χ^2/NDF : 870537.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2758.486+/-0.831 χ^2/NDF : 1231692.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

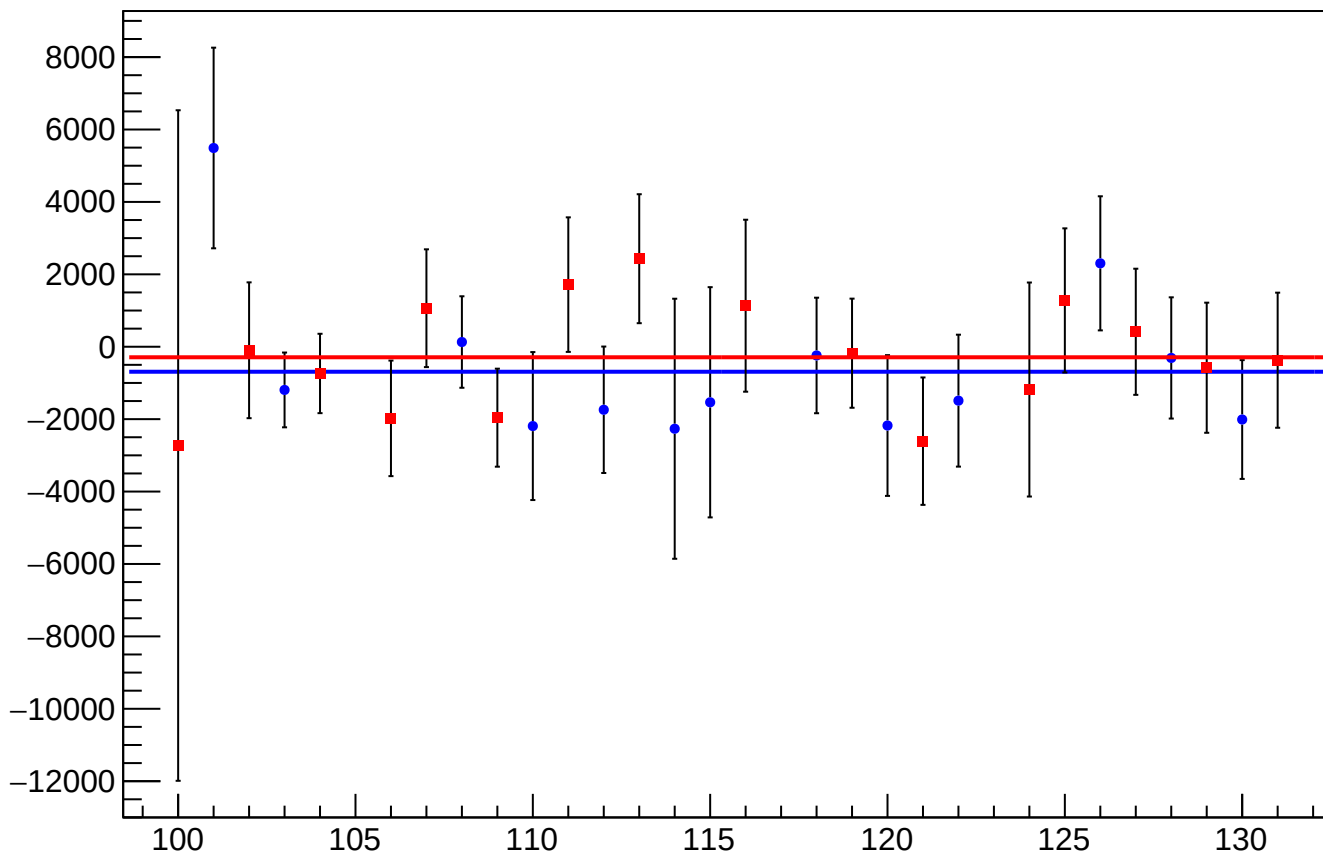
Right: 2897.594+/-0.631 χ^2/NDF : 2168490.1/28

In: 3087.306+/-0.970 χ^2/NDF : 870537.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2897.594+/-0.631 χ^2/NDF : 2168490.1/28

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.916+/-435.048 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

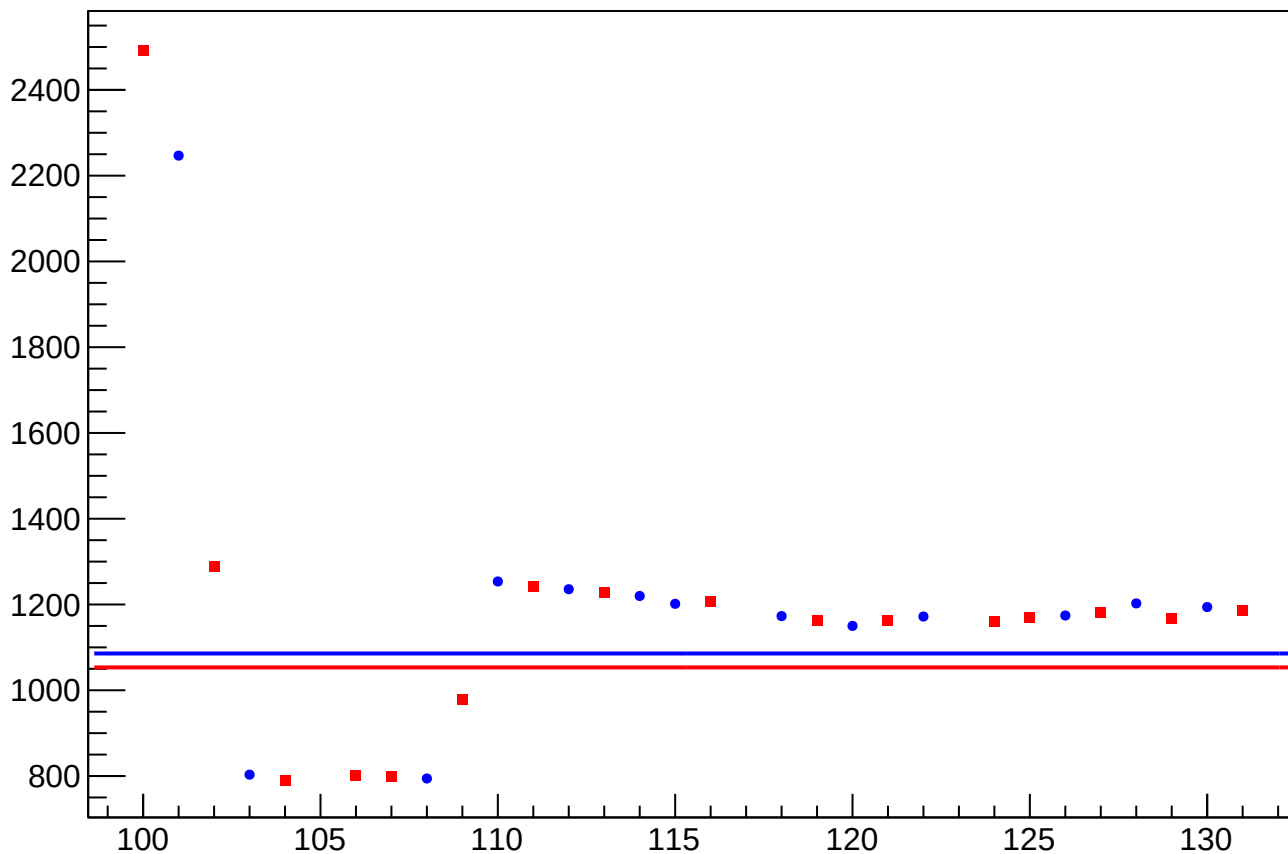
Right: -472.835+/-321.083 χ^2/NDF : 21.4/28

In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.835+/-321.083 χ^2/NDF : 21.4/28

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.271+/-0.307 χ^2/NDF : 408808.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

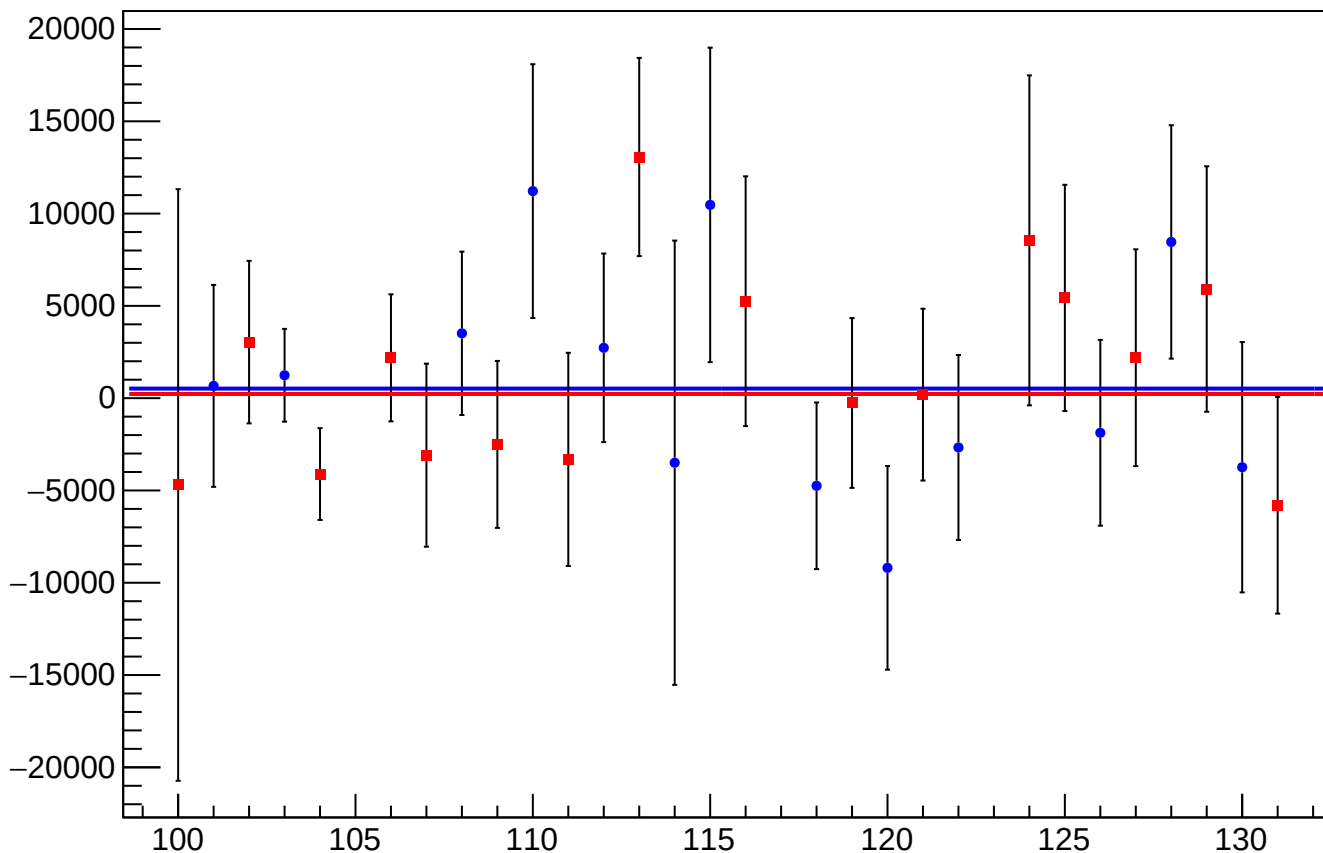
Right: 1068.022+/-0.227 χ^2/NDF : 1090482.3/28

In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.022+/-0.227 χ^2/NDF : 1090482.3/28

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 518.190+/-1372.268 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.052+/-1203.288 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

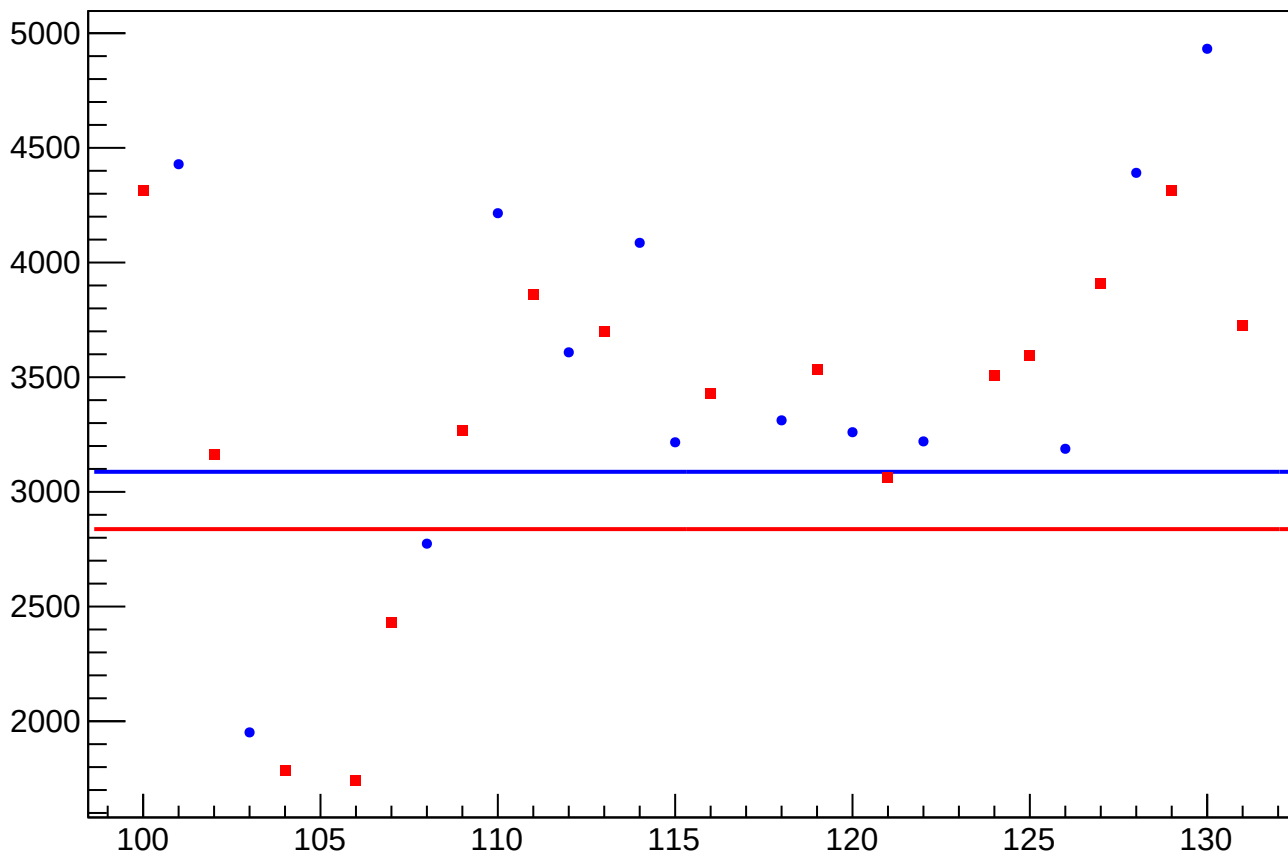
Right: 353.036+/-904.732 χ^2/NDF : 26.5/28

In: 518.190+/-1372.268 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.036+/-904.732 χ^2/NDF : 26.5/28

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2837.624+/-0.851 χ^2/NDF : 1053256.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

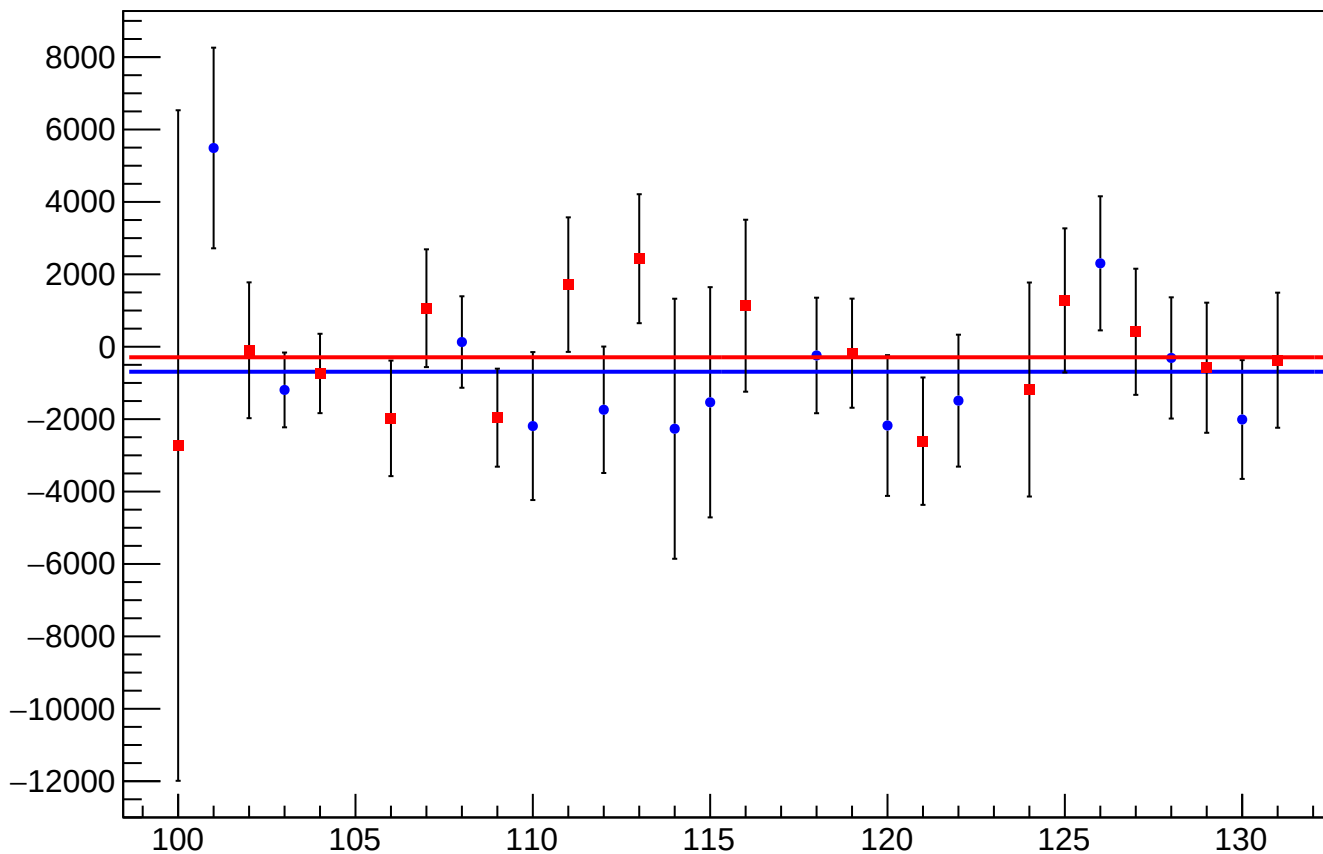
Right: 2946.249+/-0.640 χ^2/NDF : 1960894.3/28

In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2946.249+/-0.640 χ^2/NDF : 1960894.3/28

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.916+/-435.048 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

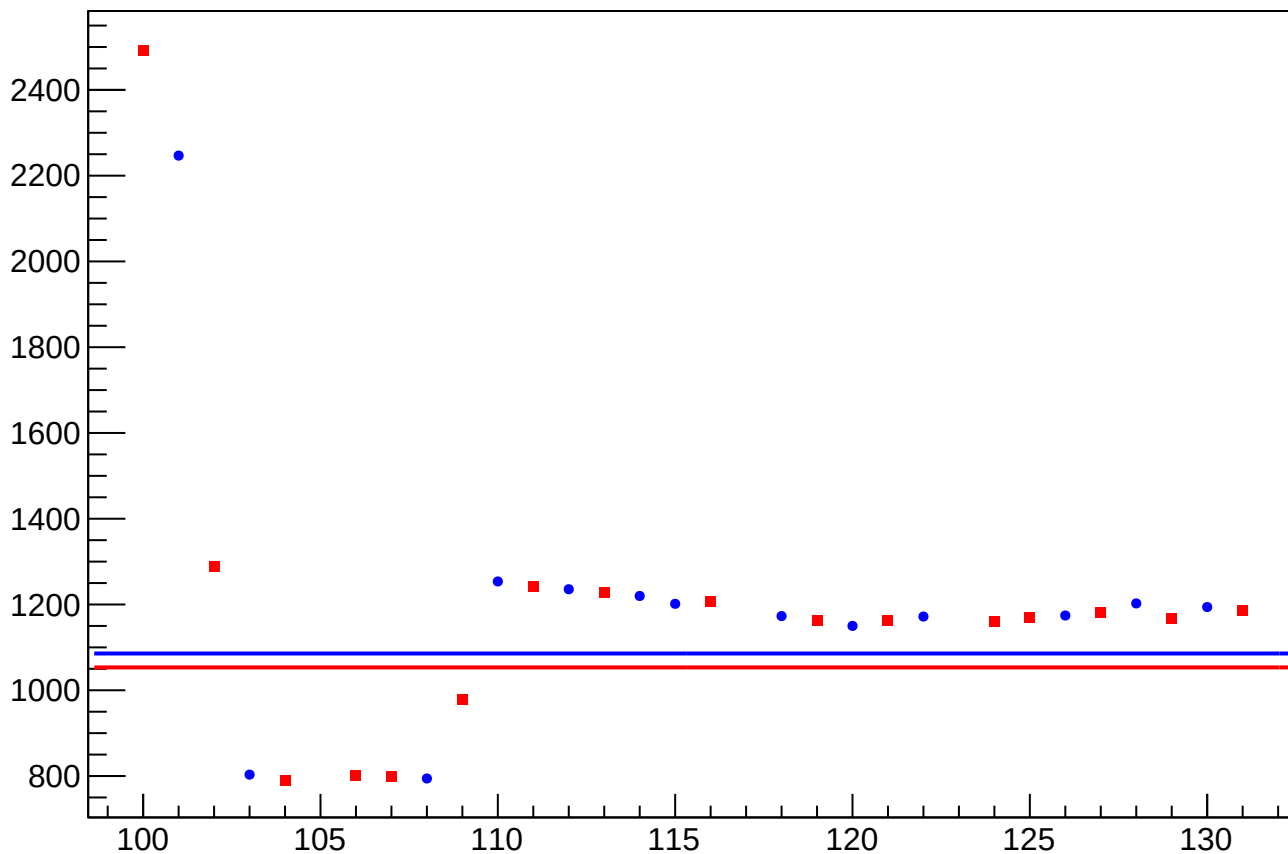
Right: -472.835+/-321.083 χ^2/NDF : 21.4/28

In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.835+/-321.083 χ^2/NDF : 21.4/28

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.271+/-0.307 χ^2/NDF : 408808.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

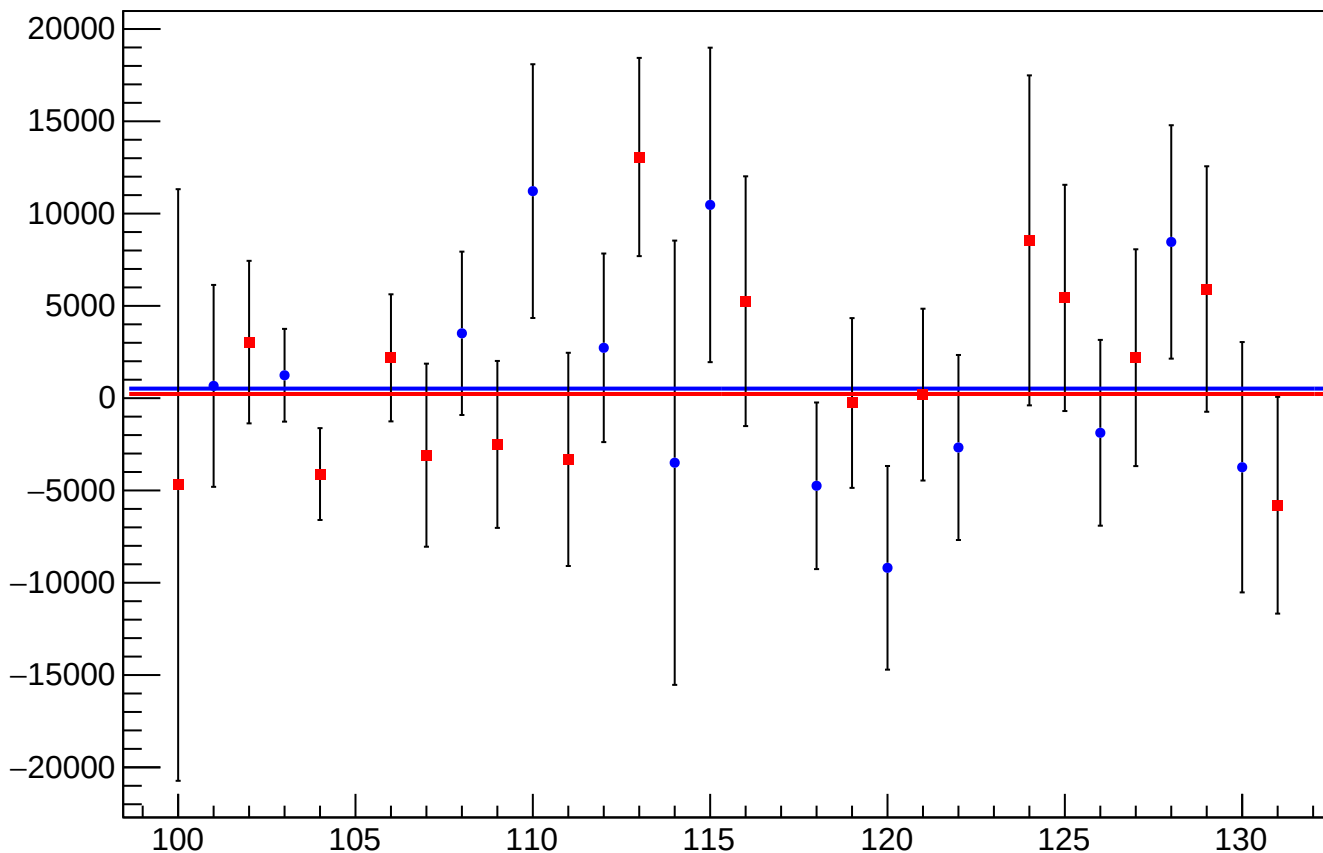
Right: 1068.022+/-0.227 χ^2/NDF : 1090482.3/28

In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.022+/-0.227 χ^2/NDF : 1090482.3/28

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 518.190 $\pm$ 1372.268 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 226.052 $\pm$ 1203.288 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

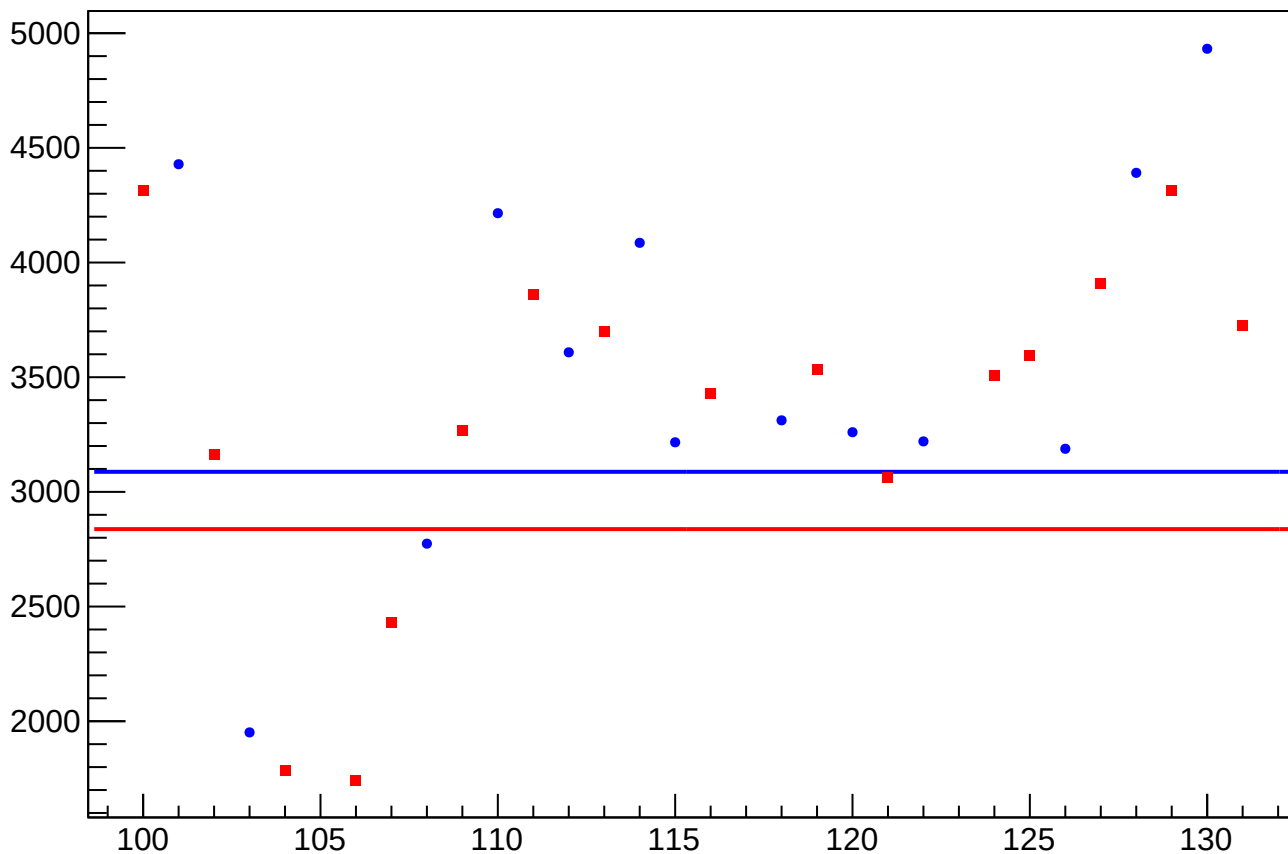
Right: 353.036 $\pm$ 904.732 χ^2 /NDF: 26.5/28

In: 518.190 $\pm$ 1372.268 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 353.036 $\pm$ 904.732 χ^2 /NDF: 26.5/28

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2837.624+/-0.851 χ^2/NDF : 1053256.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

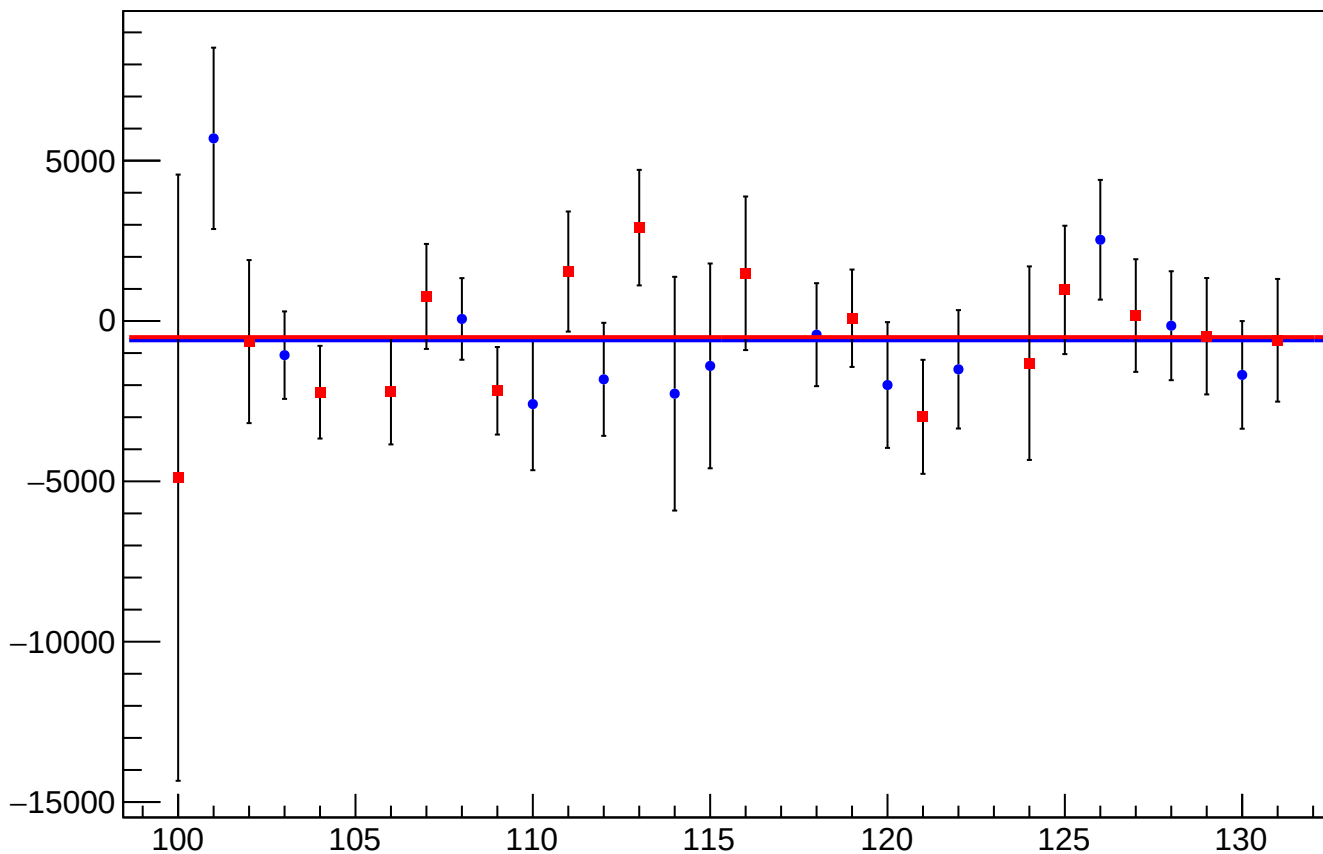
Right: 2946.249+/-0.640 χ^2/NDF : 1960894.3/28

In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2946.249+/-0.640 χ^2/NDF : 1960894.3/28

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -601.626+/-503.748 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -503.126+/-461.409 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

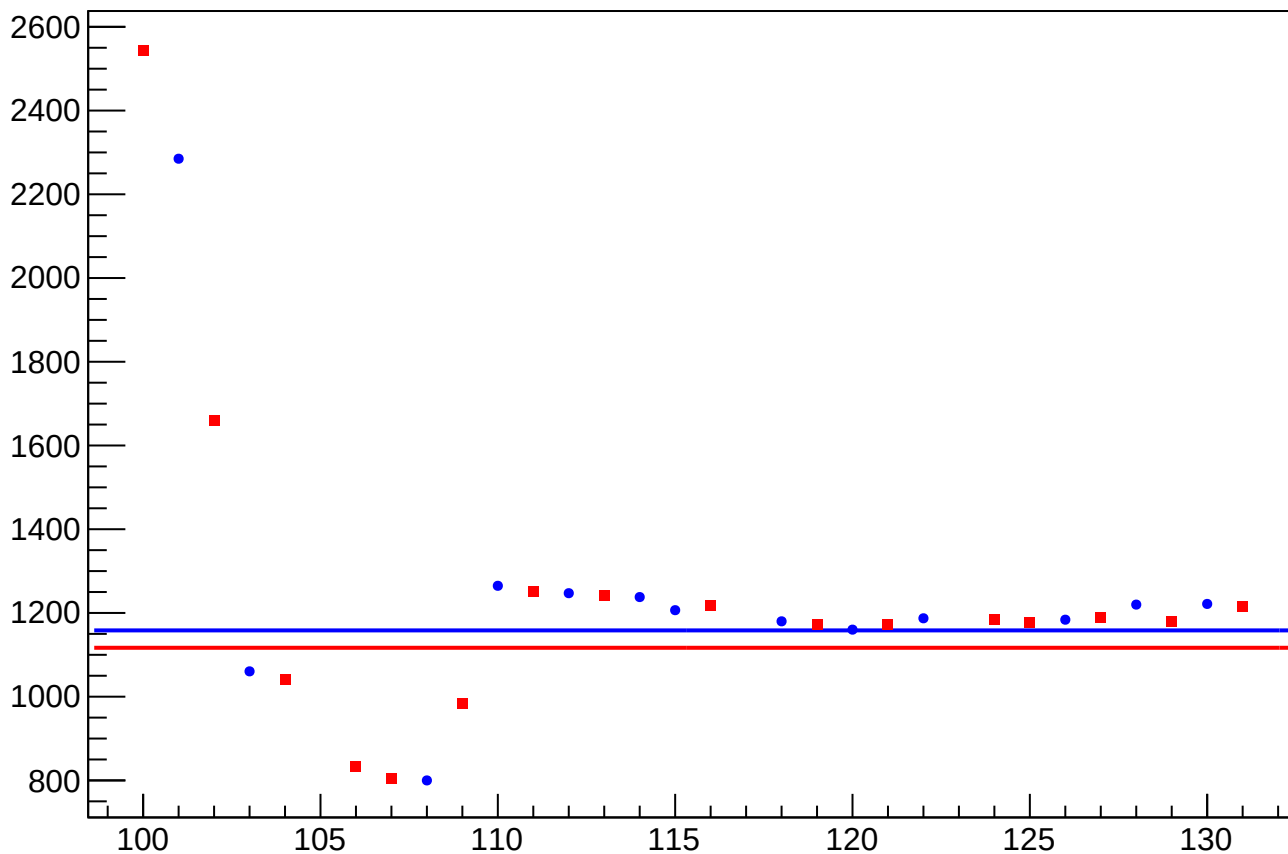
Right: -548.063+/-340.250 χ^2/NDF : 24.2/28

In: -601.626+/-503.748 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.063+/-340.250 χ^2/NDF : 24.2/28

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1158.321+/-0.356 χ^2/NDF : 504945.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.815+/-0.326 χ^2/NDF : 335366.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

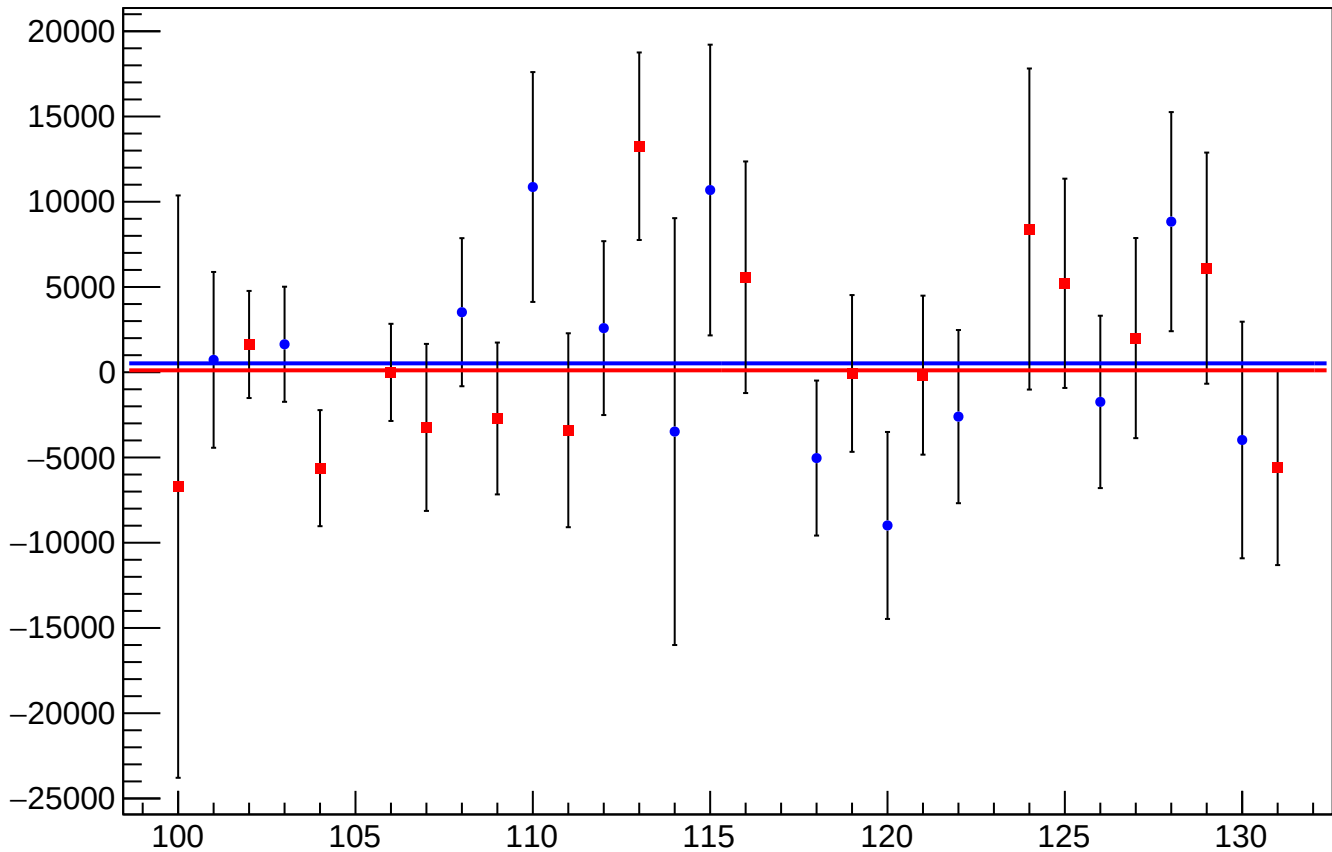
Right: 1135.740+/-0.241 χ^2/NDF : 847699.0/28

In: 1158.321+/-0.356 χ^2/NDF : 504945.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.740+/-0.241 χ^2/NDF : 847699.0/28

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 520.803 $\pm$ 1468.831 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.935 $\pm$ 1191.334 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

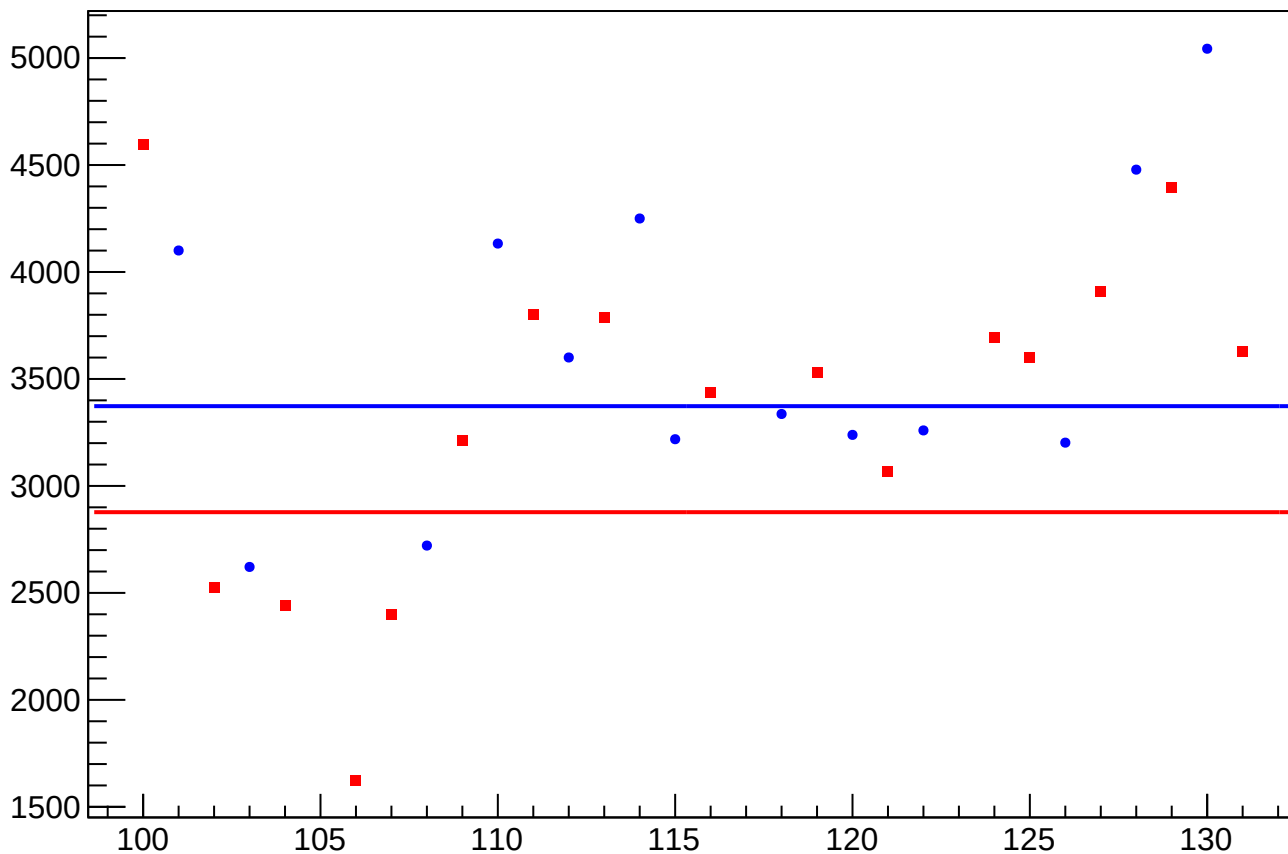
Right: 274.177 $\pm$ 925.255 χ^2 /NDF: 26.1/28

In: 520.803 $\pm$ 1468.831 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 274.177 $\pm$ 925.255 χ^2 /NDF: 26.1/28

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3372.873+/-1.039 χ^2/NDF : 403595.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2877.328+/-0.842 χ^2/NDF : 899567.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

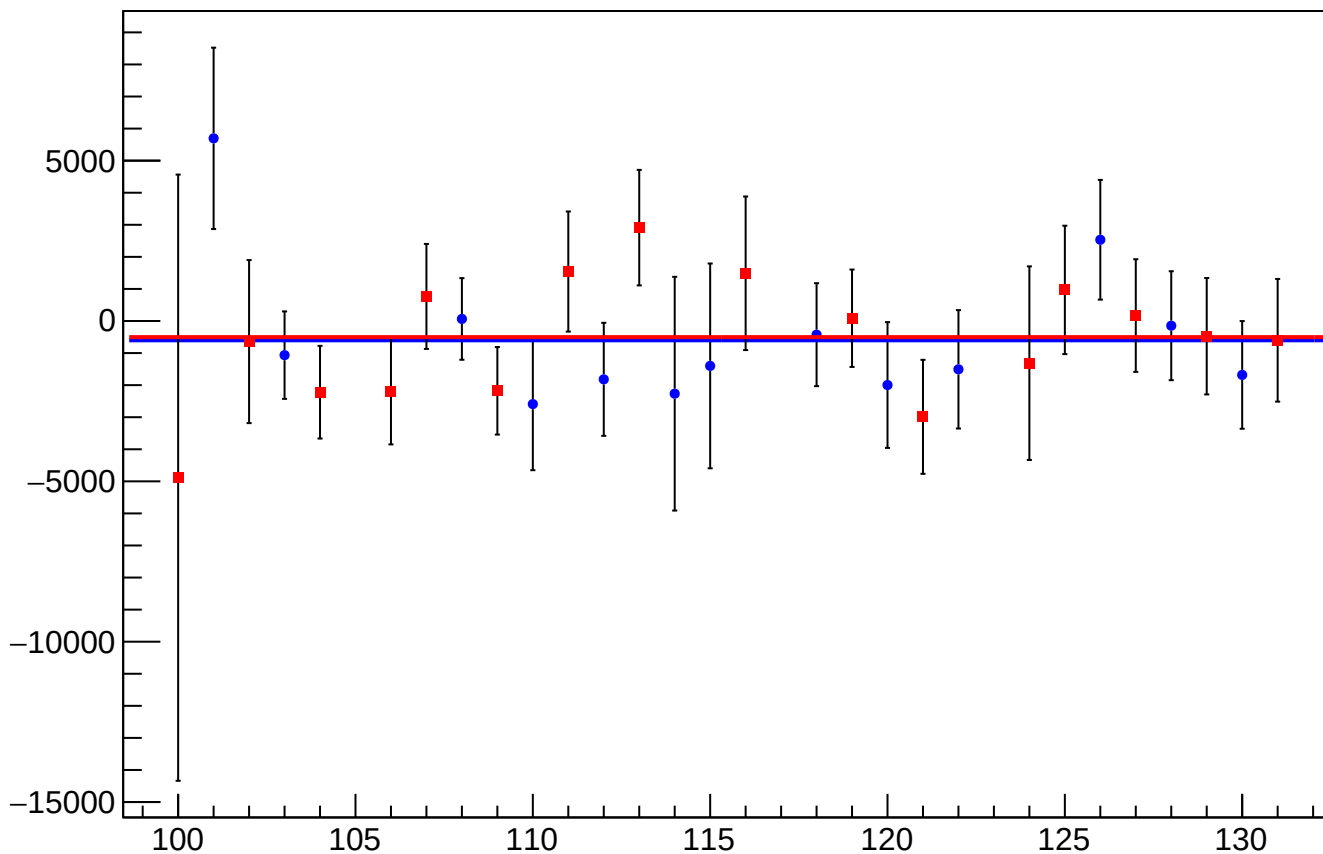
Right: 3073.964+/-0.654 χ^2/NDF : 1440475.1/28

In: 3372.873+/-1.039 χ^2/NDF : 403595.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3073.964+/-0.654 χ^2/NDF : 1440475.1/28

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -601.625+/-503.748 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -503.131+/-461.409 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

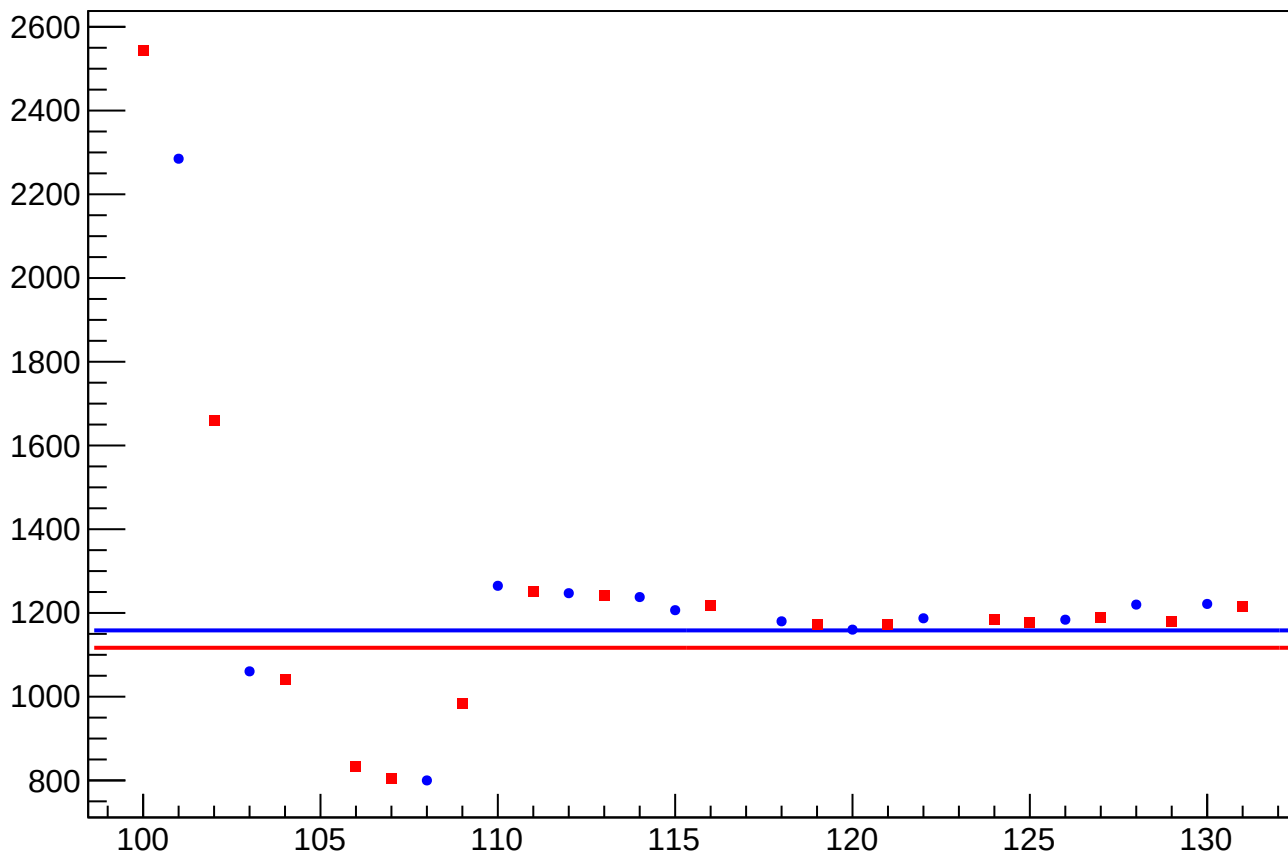
Right: -548.066+/-340.250 χ^2/NDF : 24.2/28

In: -601.625+/-503.748 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.066+/-340.250 χ^2/NDF : 24.2/28

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1158.320+/-0.356 χ^2/NDF : 504946.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.815+/-0.326 χ^2/NDF : 335366.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

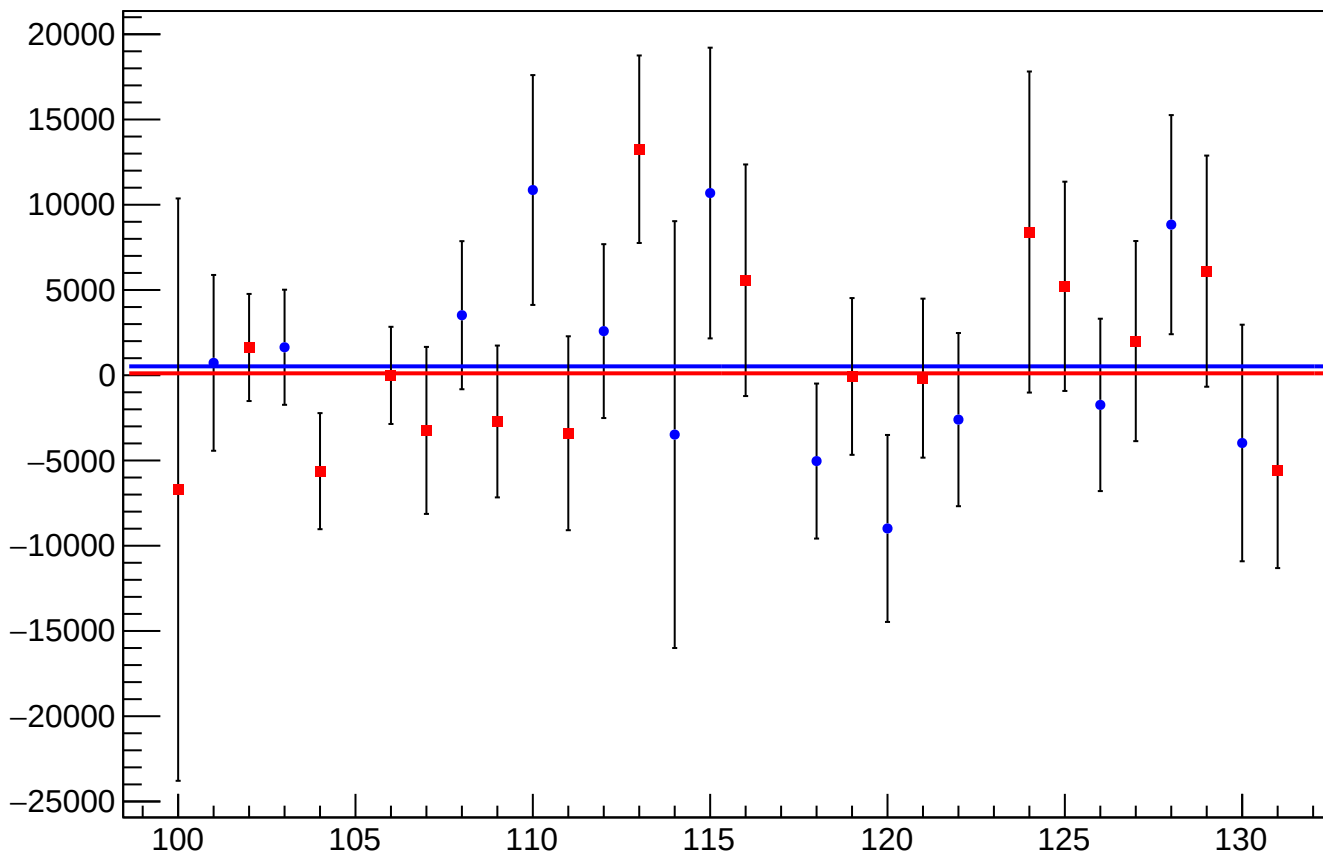
Right: 1135.740+/-0.241 χ^2/NDF : 847698.8/28

In: 1158.320+/-0.356 χ^2/NDF : 504946.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.740+/-0.241 χ^2/NDF : 847698.8/28

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 520.796 $\pm$ 1468.829 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.929 $\pm$ 1191.331 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

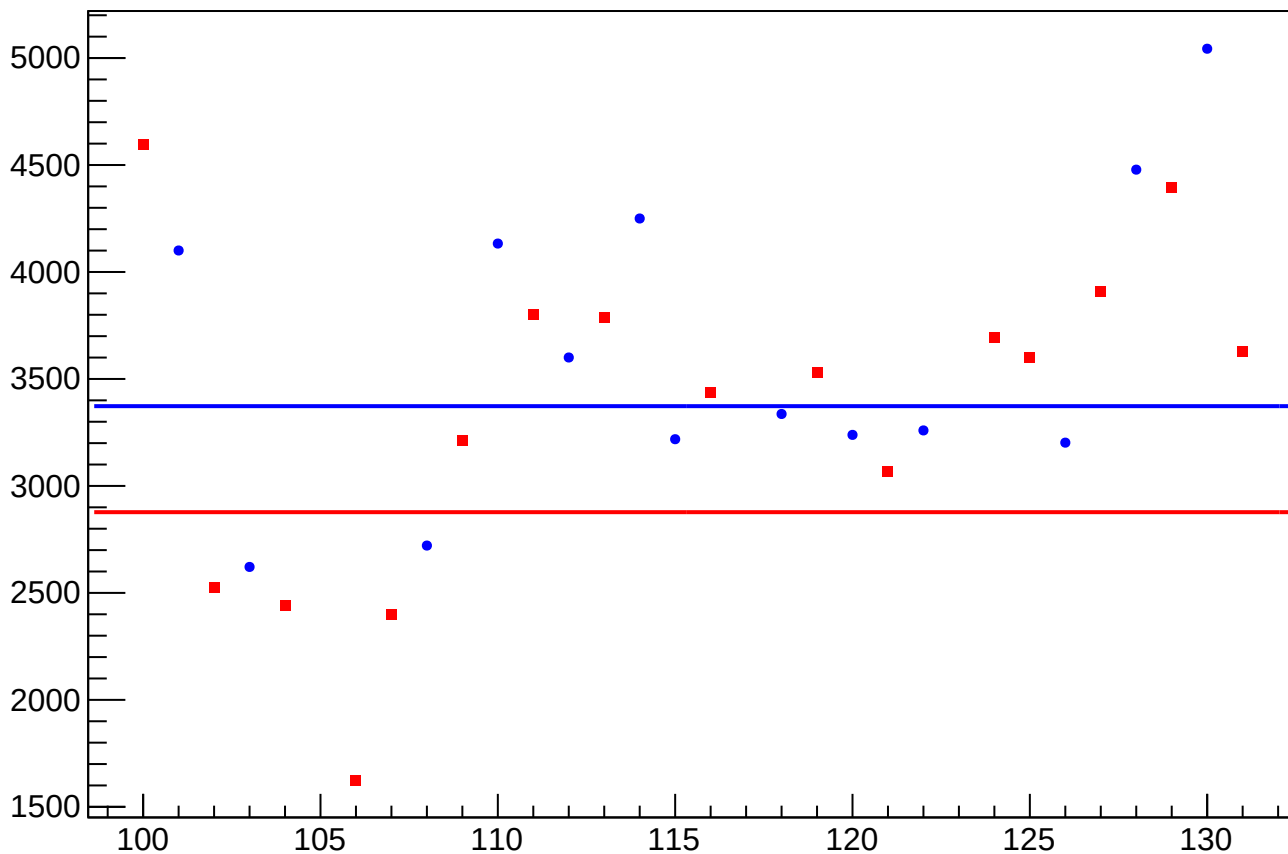
Right: 274.170 $\pm$ 925.253 χ^2 /NDF: 26.1/28

In: 520.796 $\pm$ 1468.829 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 274.170 $\pm$ 925.253 χ^2 /NDF: 26.1/28

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3372.867+/-1.039 χ^2/NDF : 403591.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2877.322+/-0.842 χ^2/NDF : 899566.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

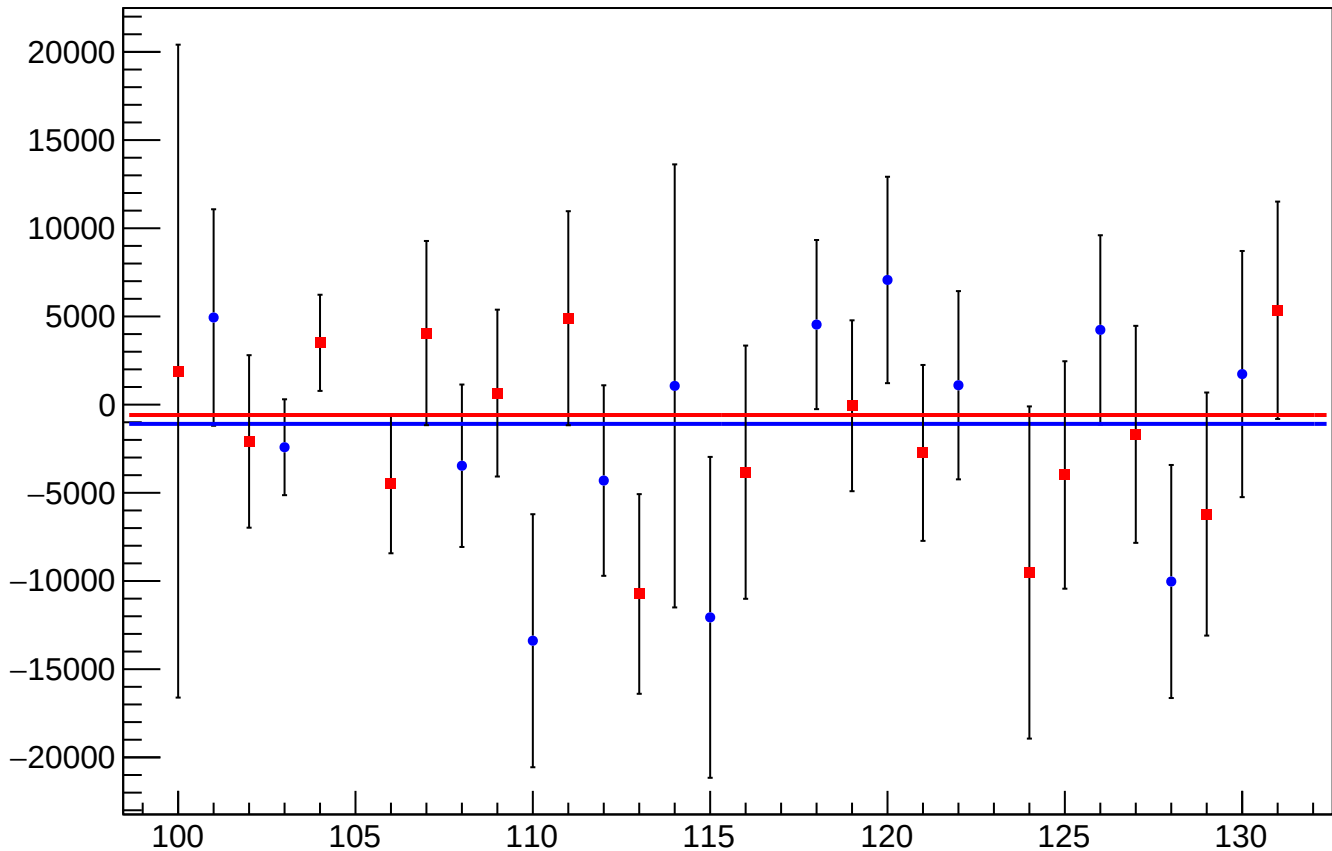
Right: 3073.958+/-0.654 χ^2/NDF : 1440469.9/28

In: 3372.867+/-1.039 χ^2/NDF : 403591.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3073.958+/-0.654 χ^2/NDF : 1440469.9/28

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1091.957+/-1463.081 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -588.204+/-1296.278 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

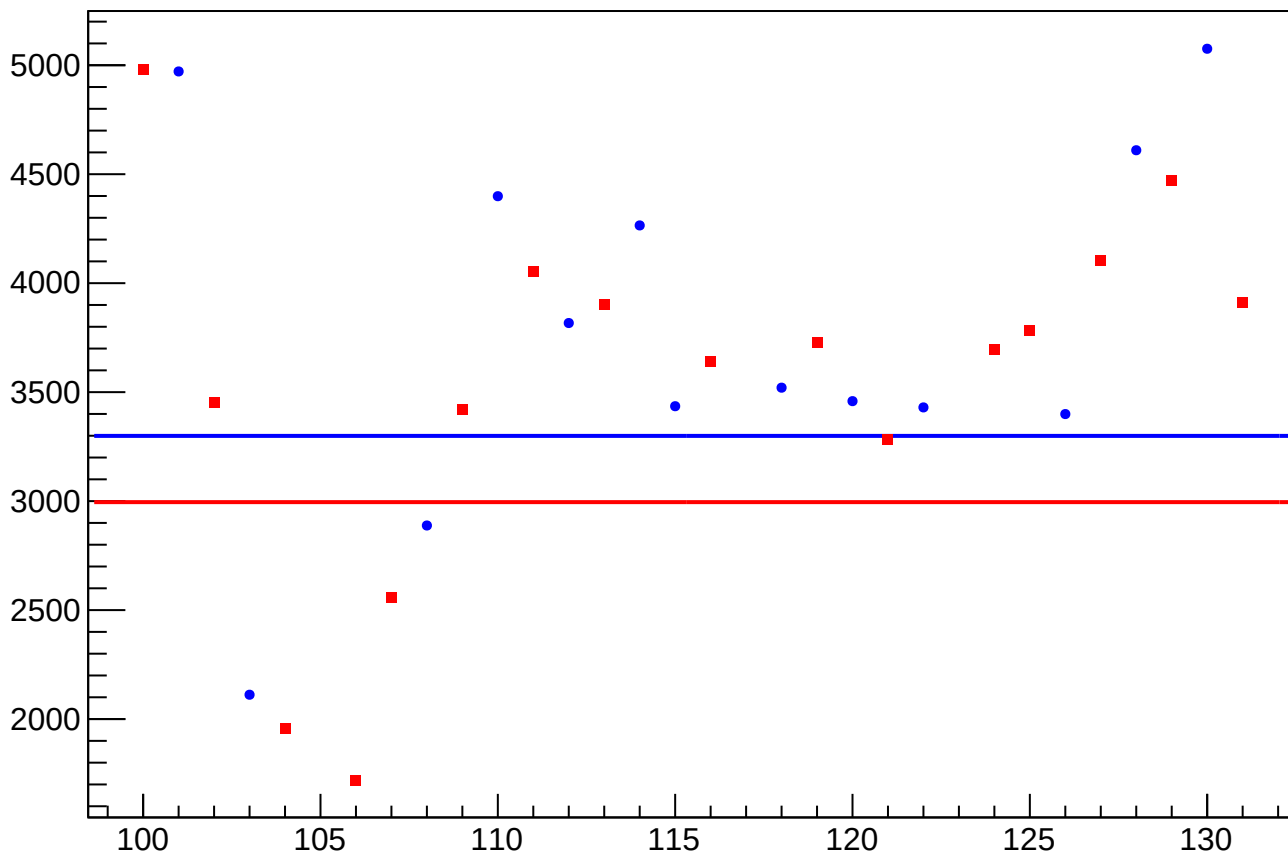
Right: -809.740+/-970.245 χ^2/NDF : 24.2/28

In: -1091.957+/-1463.081 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -809.740+/-970.245 χ^2/NDF : 24.2/28

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3299.310+/-1.035 χ^2/NDF : 839784.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2995.376+/-0.899 χ^2/NDF : 1068544.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

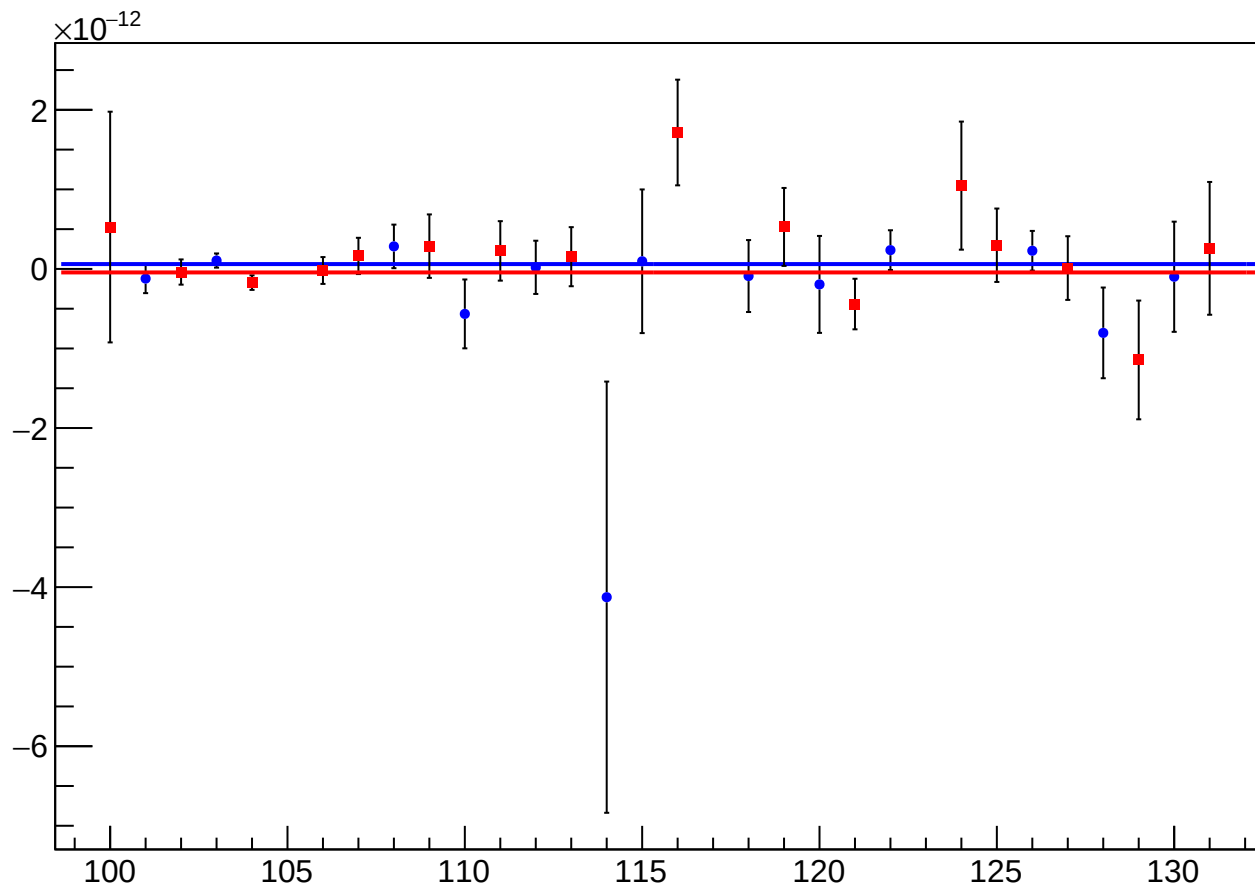
Right: 3126.214+/-0.679 χ^2/NDF : 1957483.9/28

In: 3299.310+/-1.035 χ^2/NDF : 839784.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3126.214+/-0.679 χ^2/NDF : 1957483.9/28

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

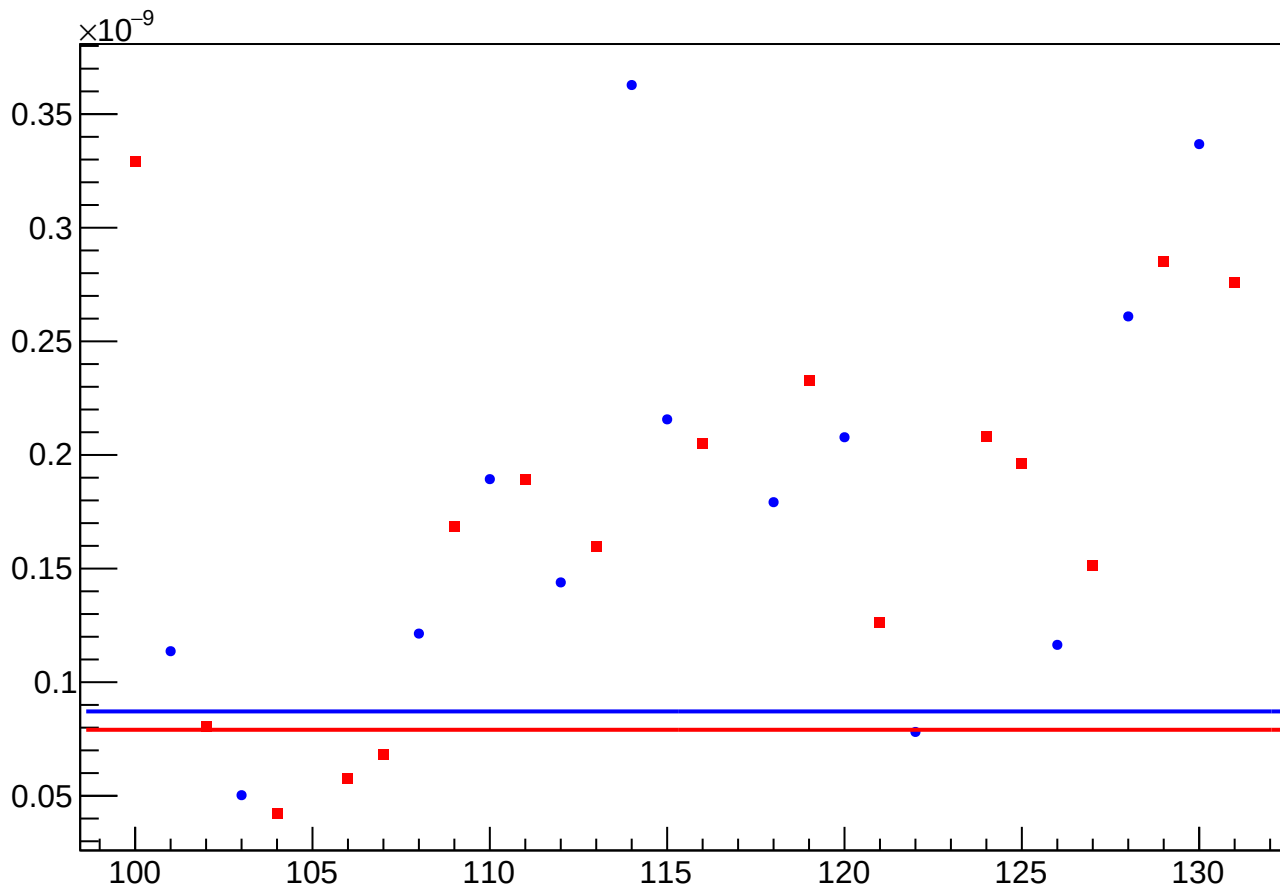
Right: 0.000+/-0.000 χ^2/NDF : 30.5/28

In: 0.000+/-0.000 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/28

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1284053.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1612920.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

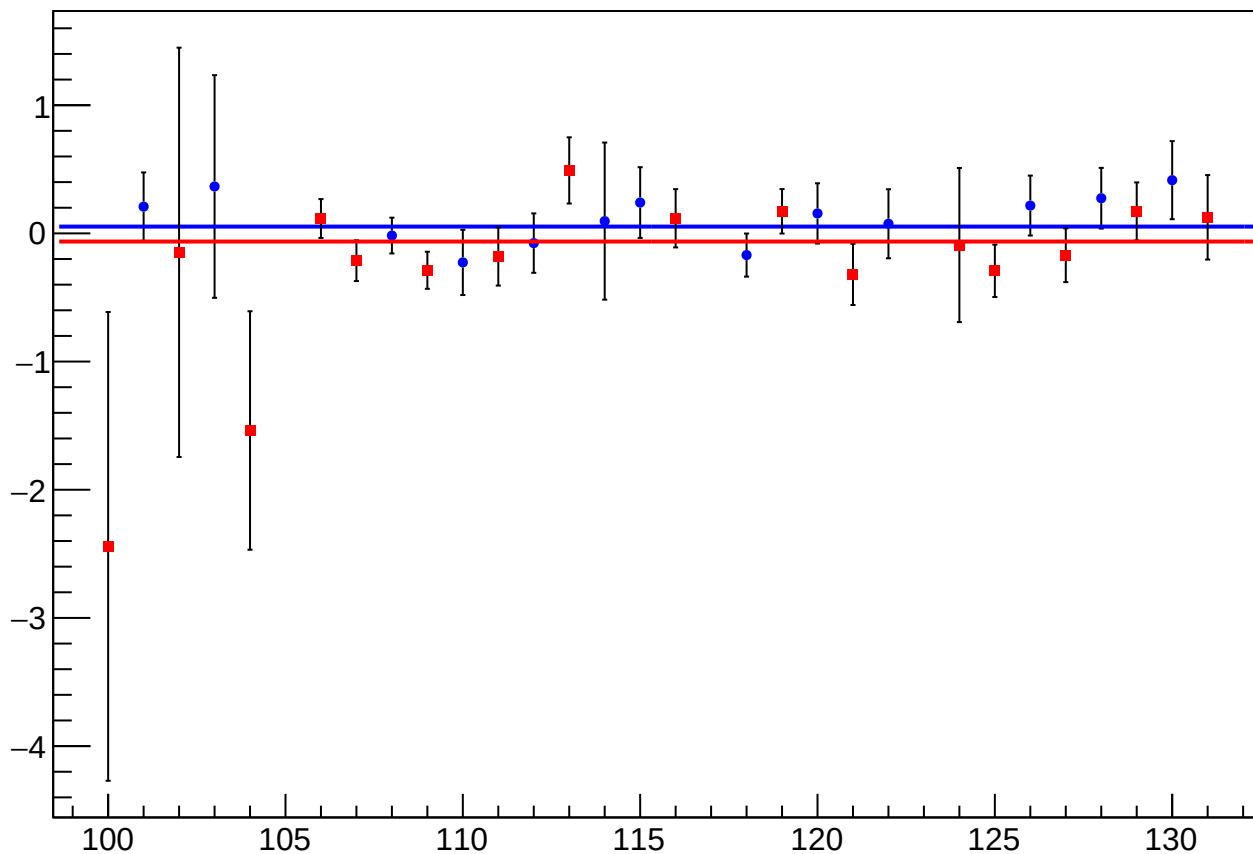
Right: 0.000+/-0.000 χ^2/NDF : 2913105.7/28

In: 0.000+/-0.000 χ^2/NDF : 1284053.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2913105.7/28

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.056 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

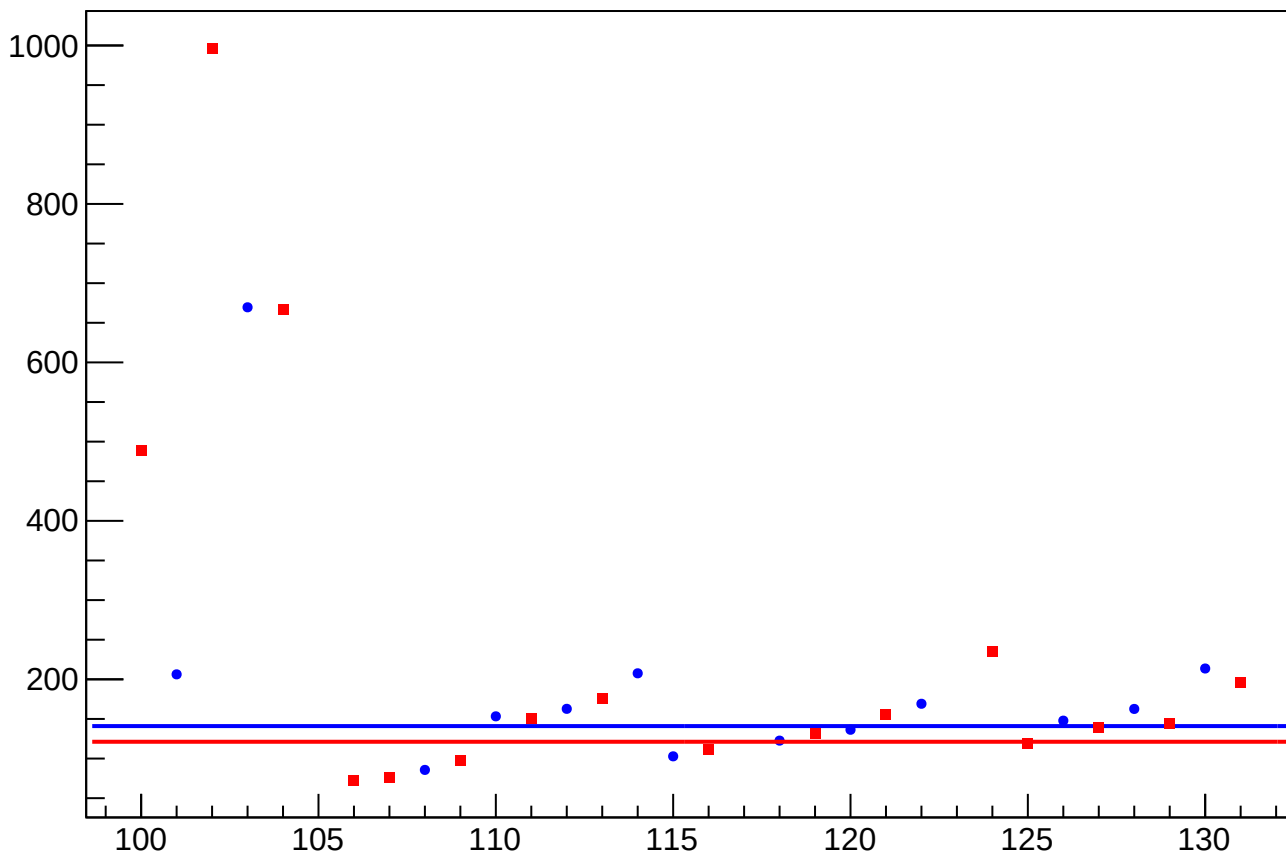
Right: -0.014+/-0.043 χ^2/NDF : 29.6/28

In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.043 χ^2/NDF : 29.6/28

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 140.983+/-0.047 χ^2/NDF : 1437812.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189043.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

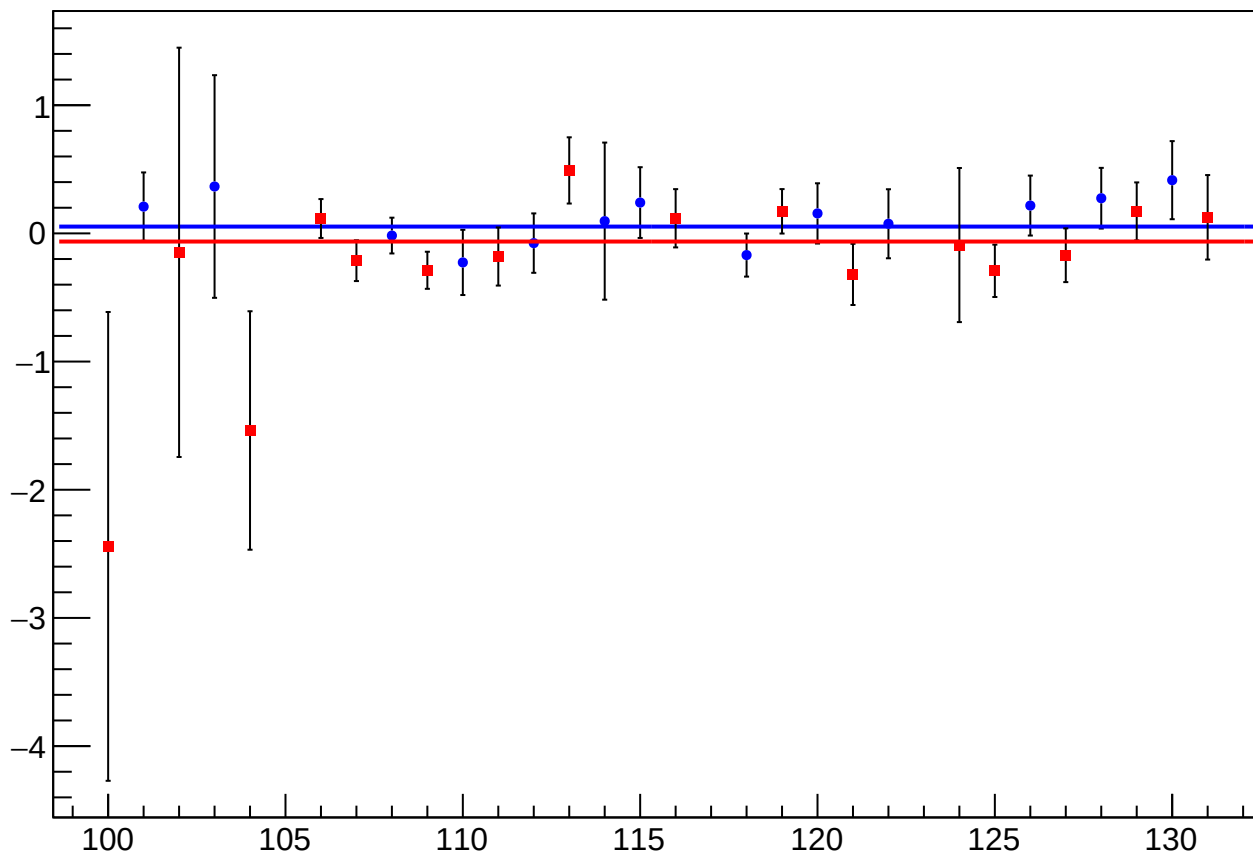
Right: 129.558+/-0.030 χ^2/NDF : 3731181.4/28

In: 140.983+/-0.047 χ^2/NDF :1437812.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.558+/-0.030 χ^2/NDF : 3731181.4/28

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053 $\pm$ 0.066 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

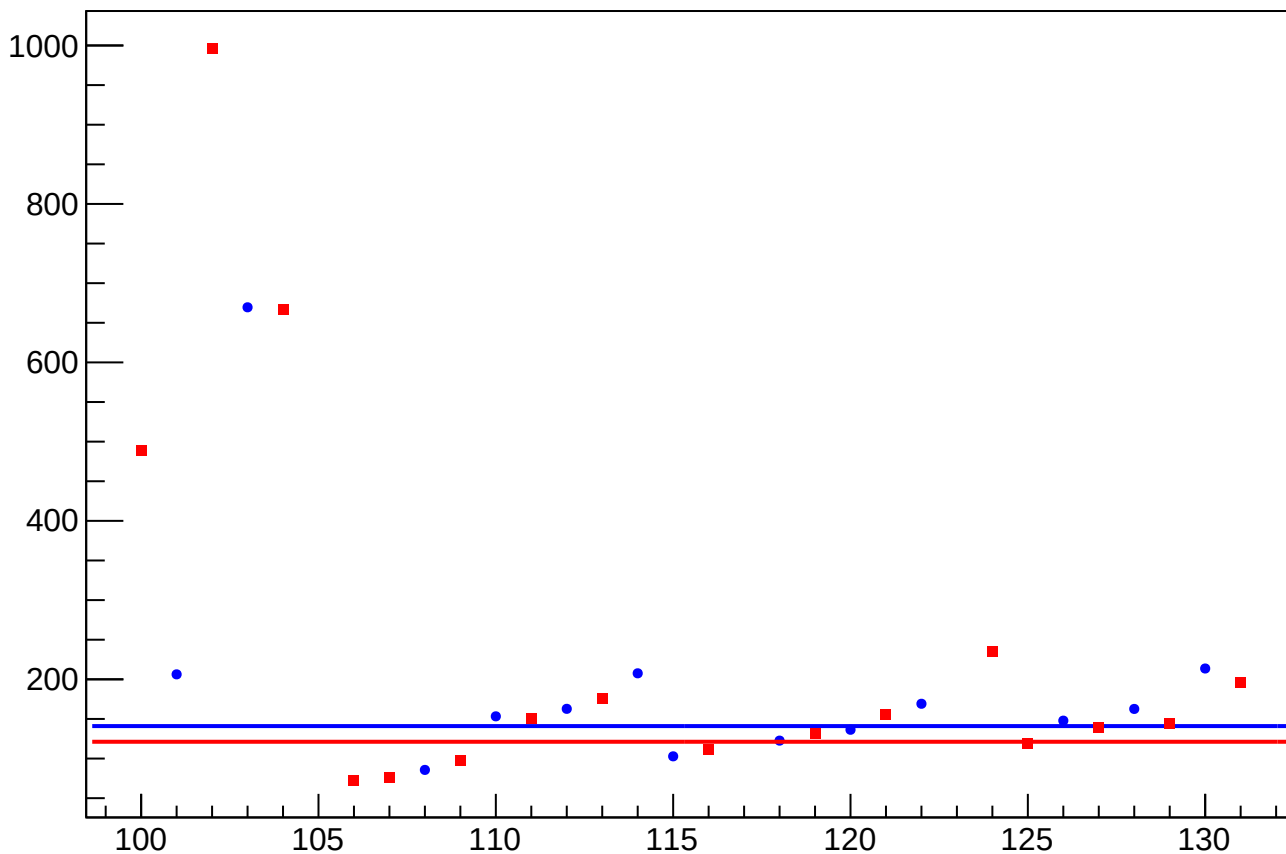
Right: -0.014 $\pm$ 0.043 χ^2 /NDF: 29.6/28

In: 0.053 $\pm$ 0.066 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.043 χ^2 /NDF: 29.6/28

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.983+/-0.047 χ^2/NDF : 1437812.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189043.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

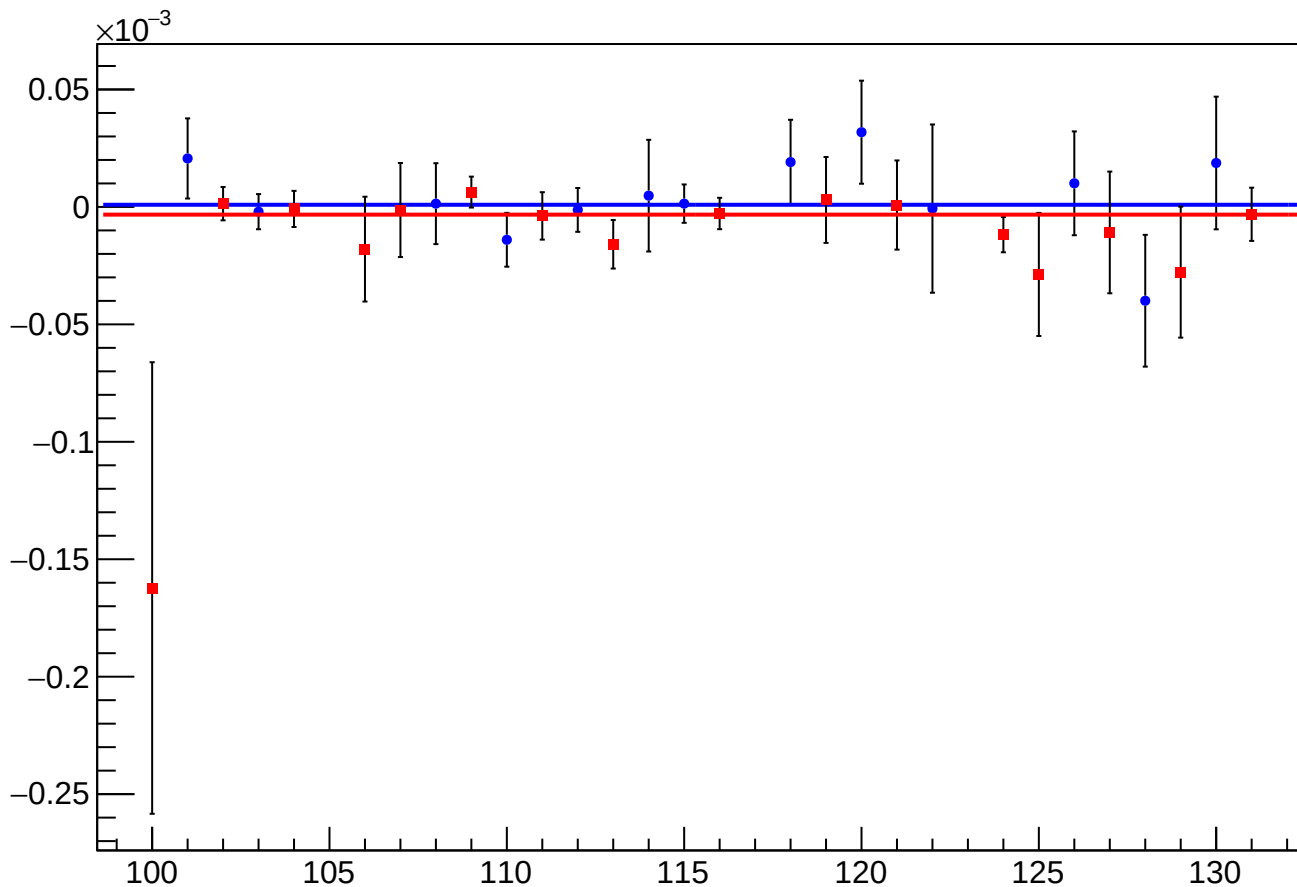
Right: 129.558+/-0.030 χ^2/NDF : 3731181.4/28

In: 140.983+/-0.047 χ^2/NDF :1437812.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.558+/-0.030 χ^2/NDF : 3731181.4/28

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

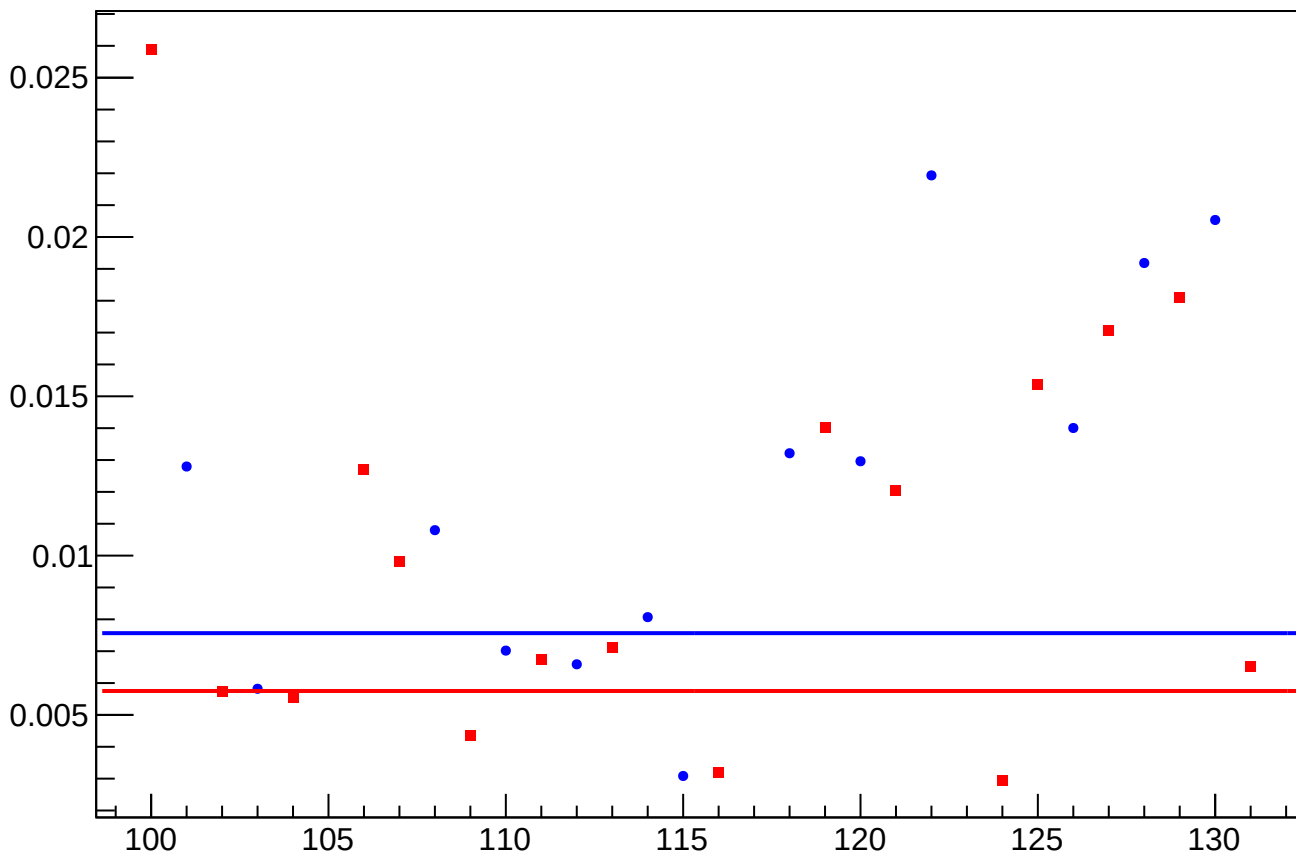
Right: -0.000+/-0.000 χ^2/NDF : 20.4/28

In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.4/28

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2571357.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2765779.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

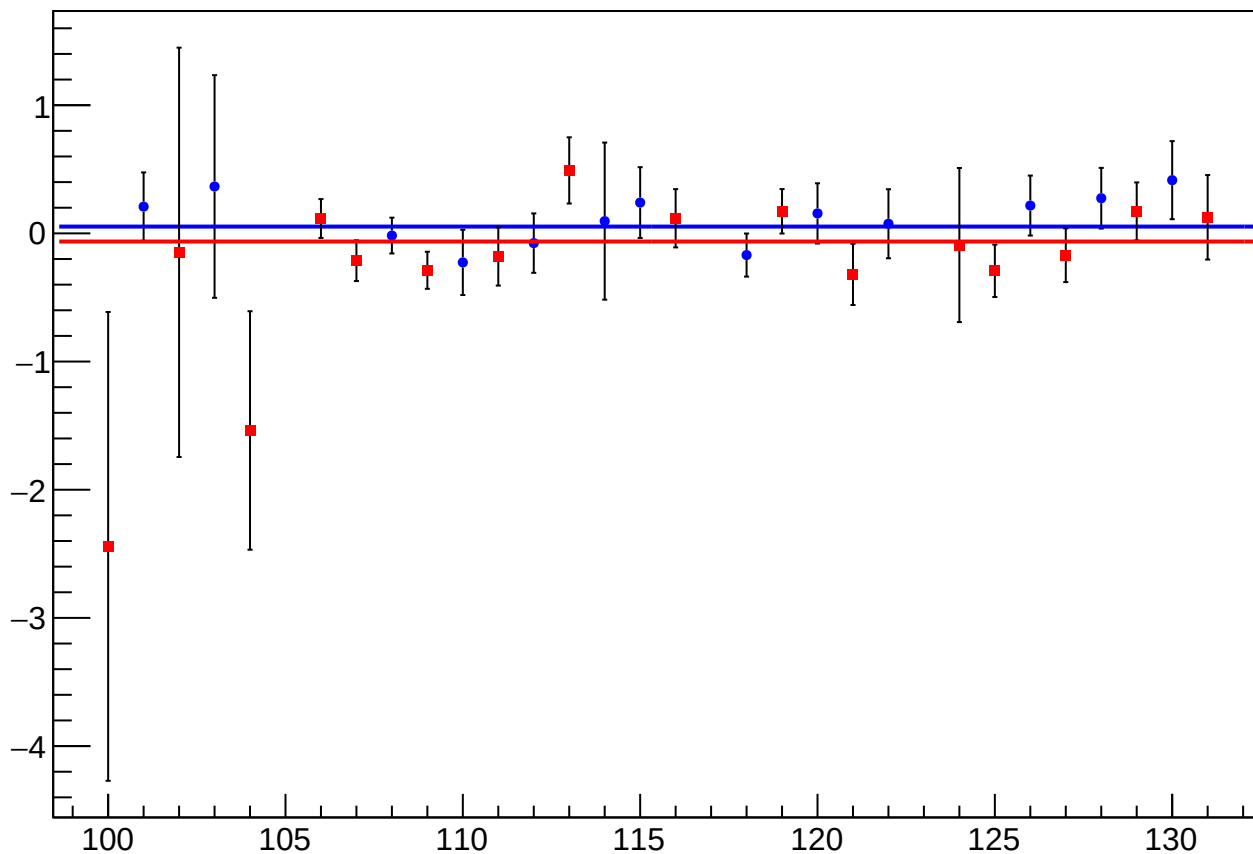
Right: 0.006+/-0.000 χ^2/NDF : 5648990.4/28

In: 0.008+/-0.000 χ^2/NDF :2571357.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5648990.4/28

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.056 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

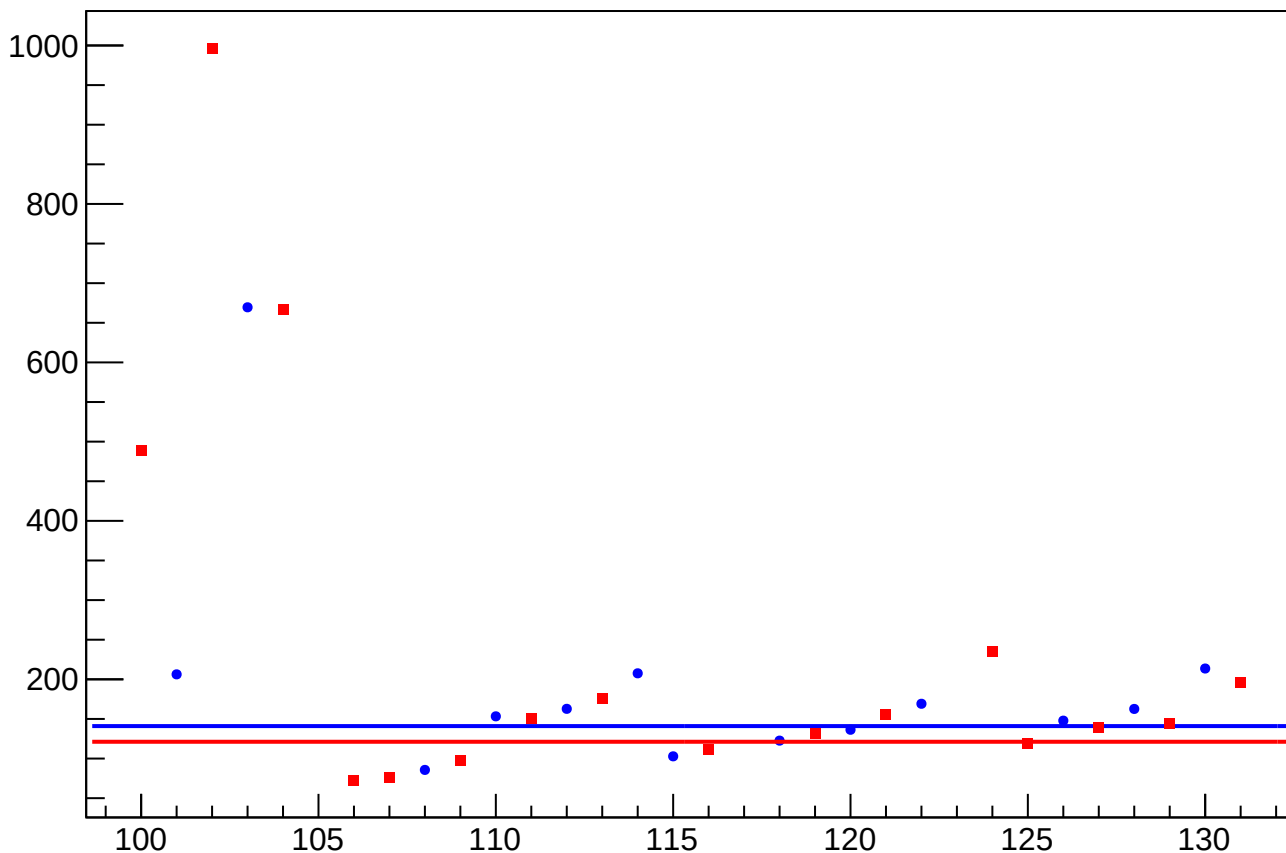
Right: -0.014+/-0.043 χ^2/NDF : 29.6/28

In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.043 χ^2/NDF : 29.6/28

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.980+/-0.047 χ^2/NDF : 1437854.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189023.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

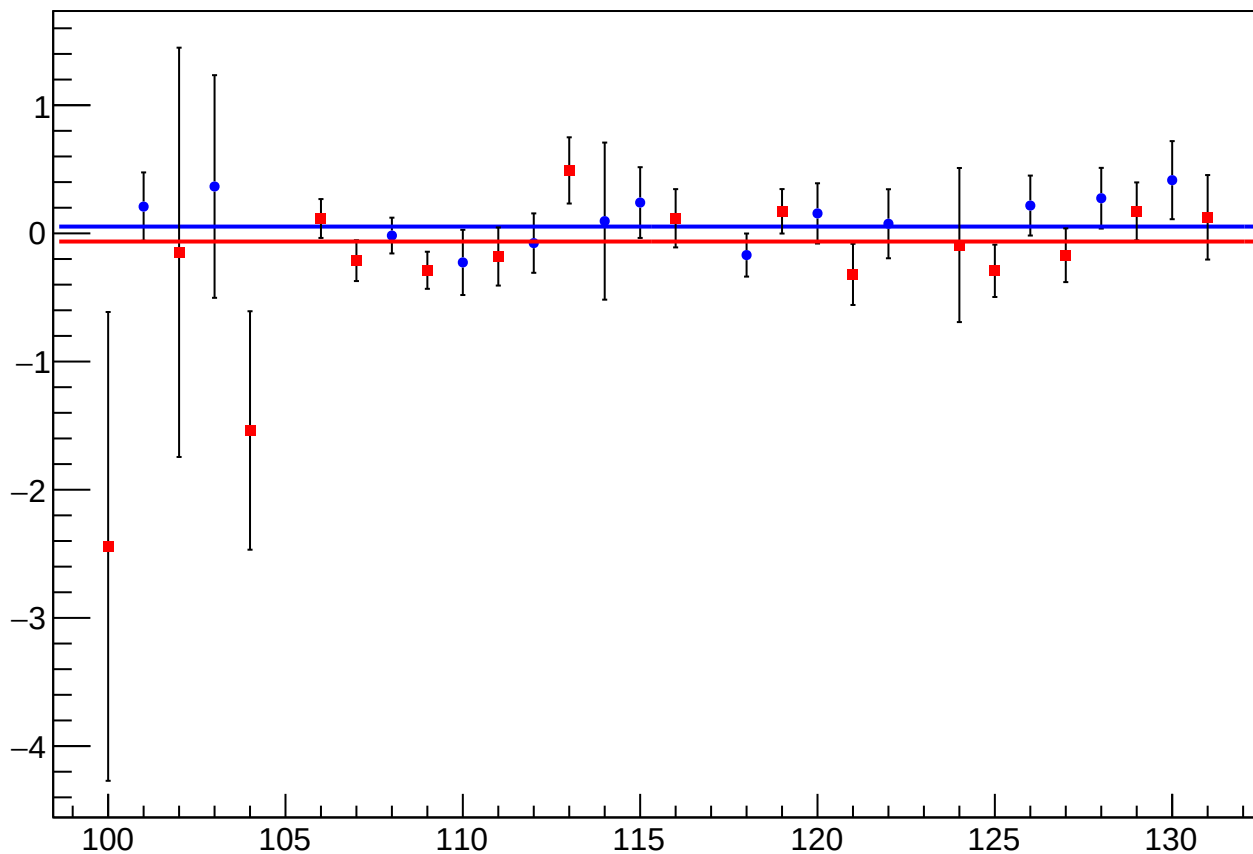
Right: 129.557+/-0.030 χ^2/NDF : 3731174.2/28

In: 140.980+/-0.047 χ^2/NDF :1437854.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.557+/-0.030 χ^2/NDF : 3731174.2/28

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053 ± 0.066 $\chi^2/\text{NDF}: 7.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.064 ± 0.056 $\chi^2/\text{NDF}: 20.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

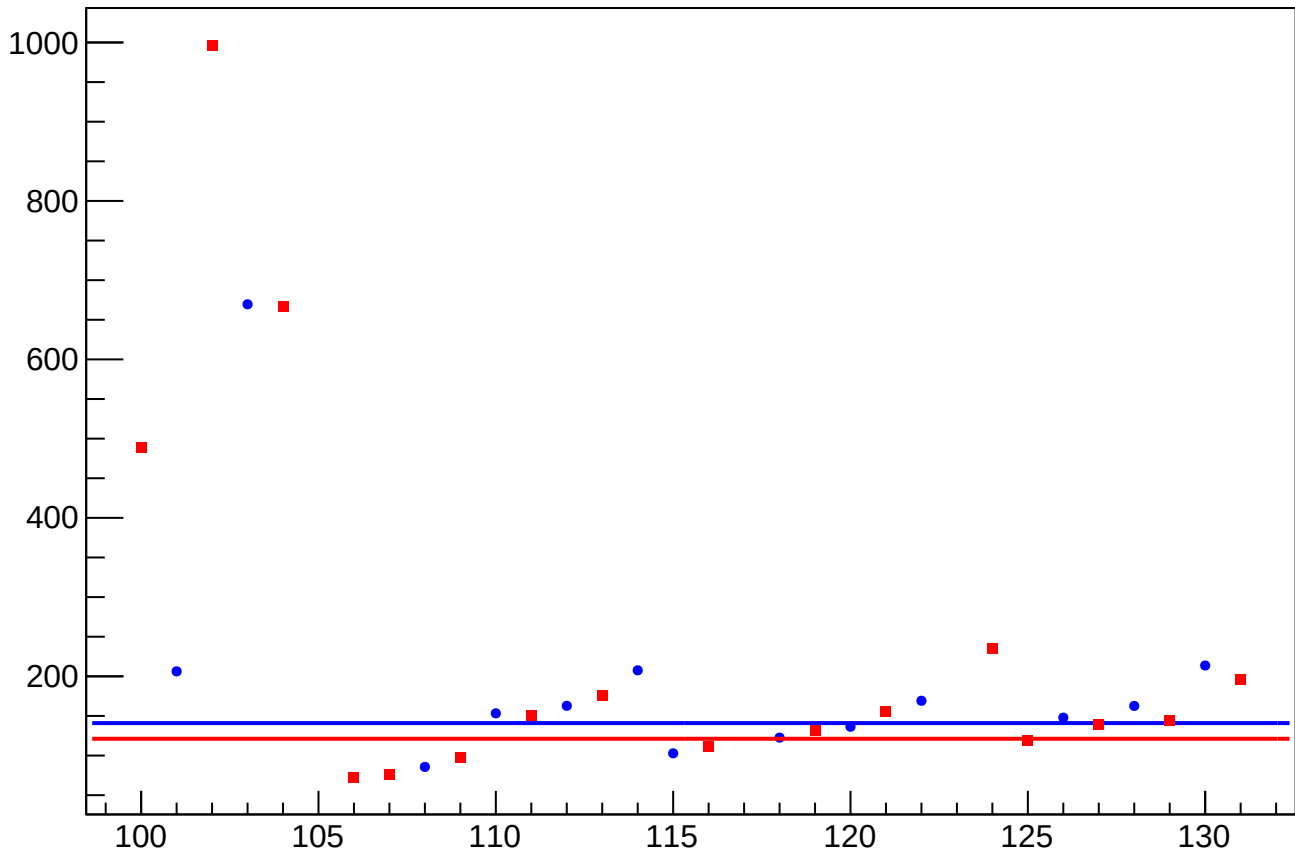
Right: -0.014 ± 0.043 $\chi^2/\text{NDF}: 29.6/28$

In: 0.053 ± 0.066 $\chi^2/\text{NDF}: 7.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.014 ± 0.043 $\chi^2/\text{NDF}: 29.6/28$

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.980+/-0.047 χ^2/NDF : 1437854.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189023.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

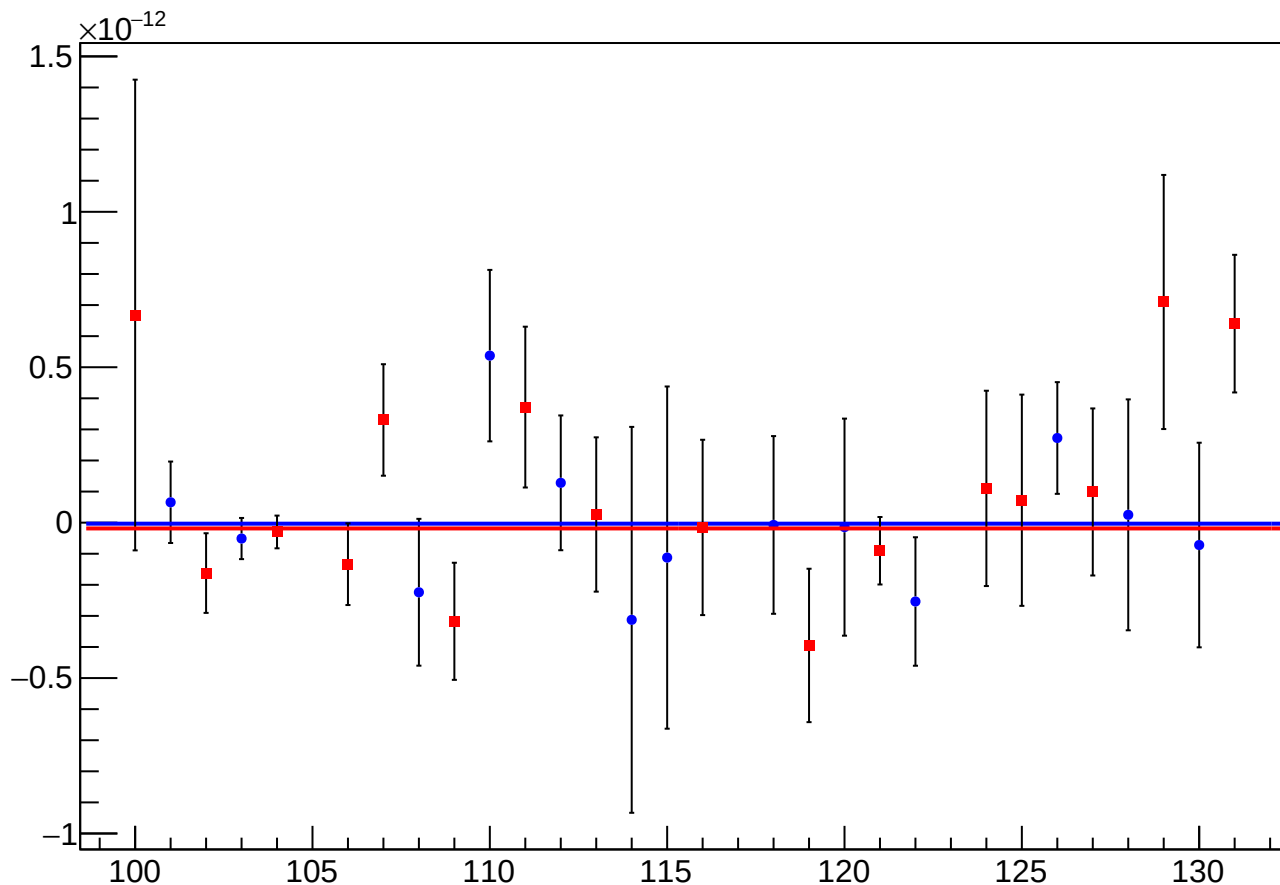
Right: 129.557+/-0.030 χ^2/NDF : 3731174.2/28

In: 140.980+/-0.047 χ^2/NDF :1437854.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.557+/-0.030 χ^2/NDF : 3731174.2/28

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 26.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

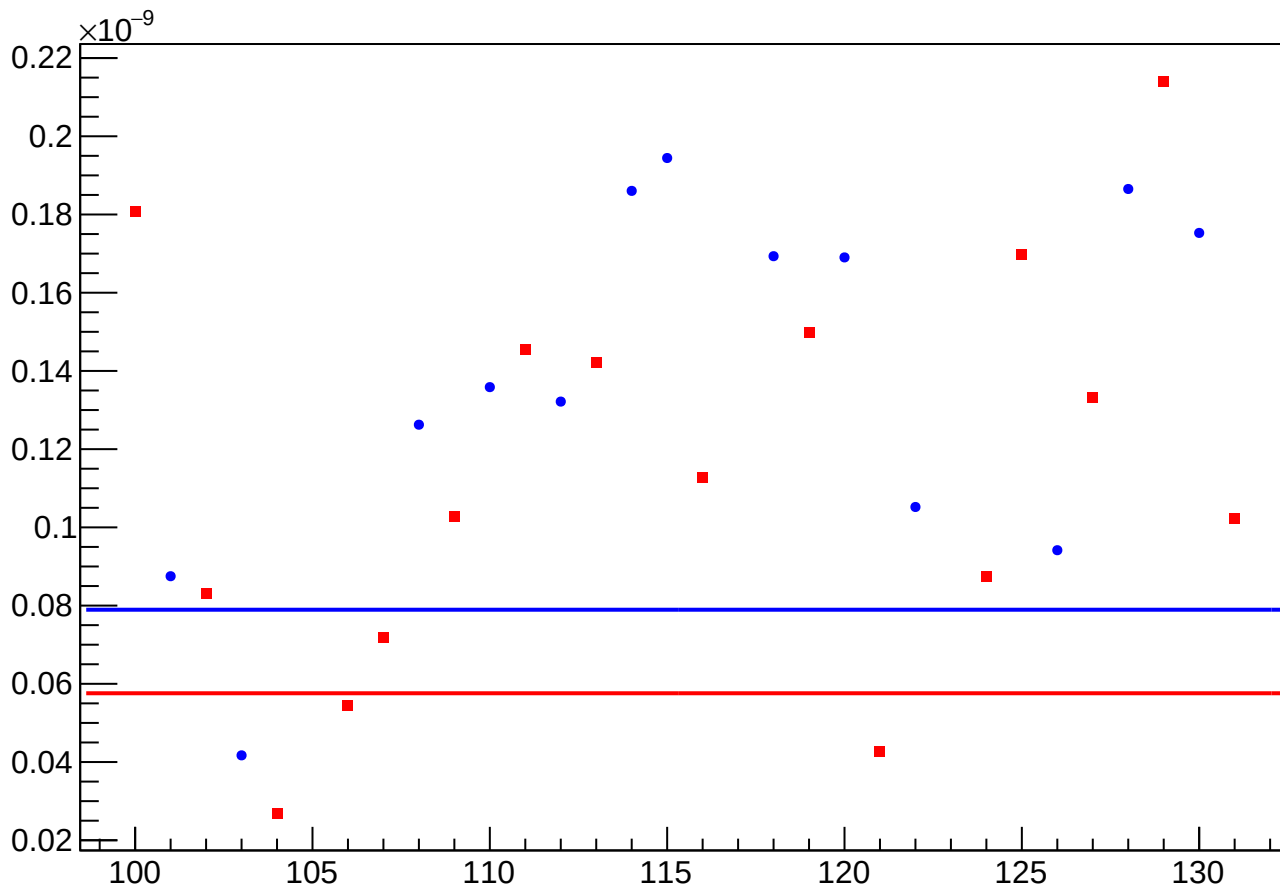
Right: -0.000+/-0.000 χ^2/NDF : 36.8/28

In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.8/28

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1793054.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2568131.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

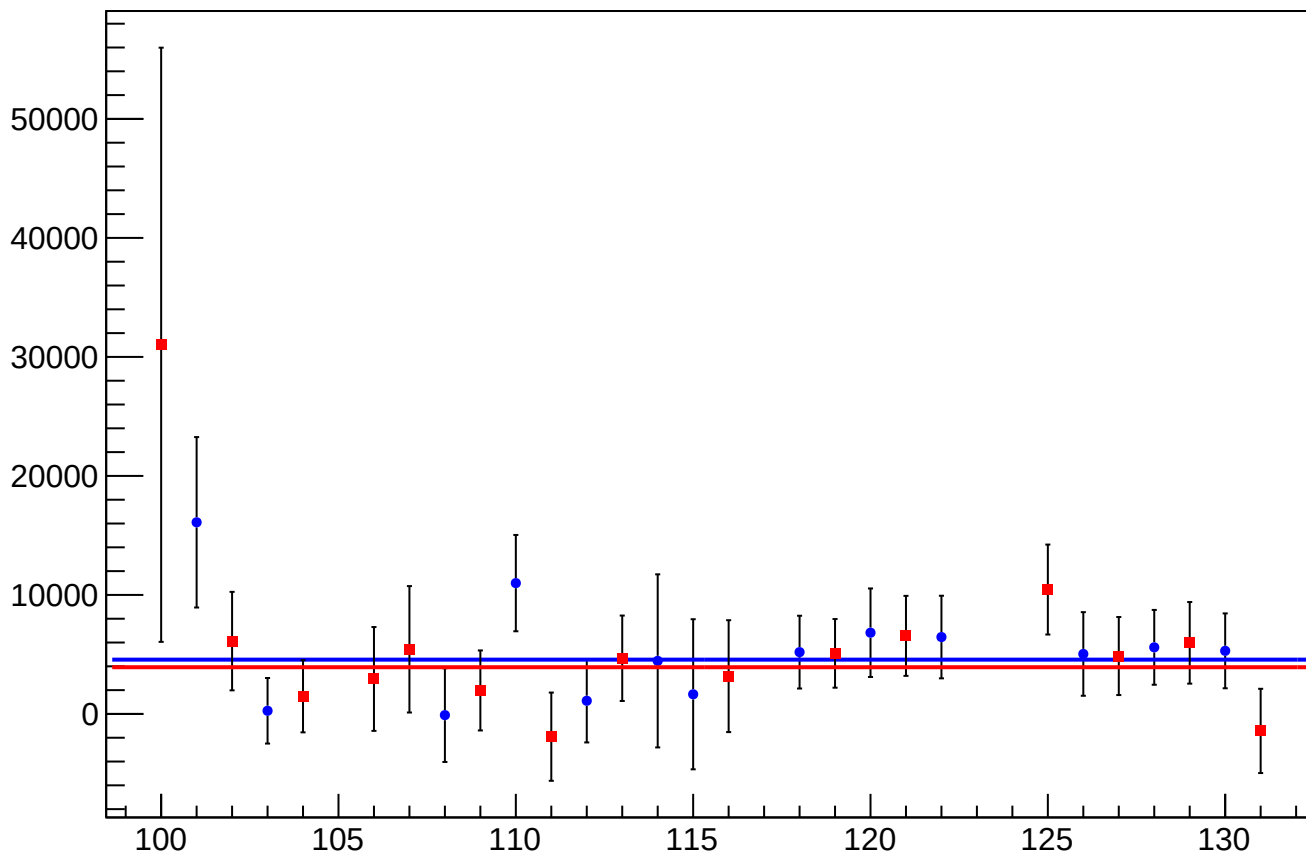
Right: 0.000+/-0.000 χ^2/NDF : 4611986.8/28

In: 0.000+/-0.000 χ^2/NDF : 1793054.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4611986.8/28

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4562.253+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3924.646+/-963.369 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

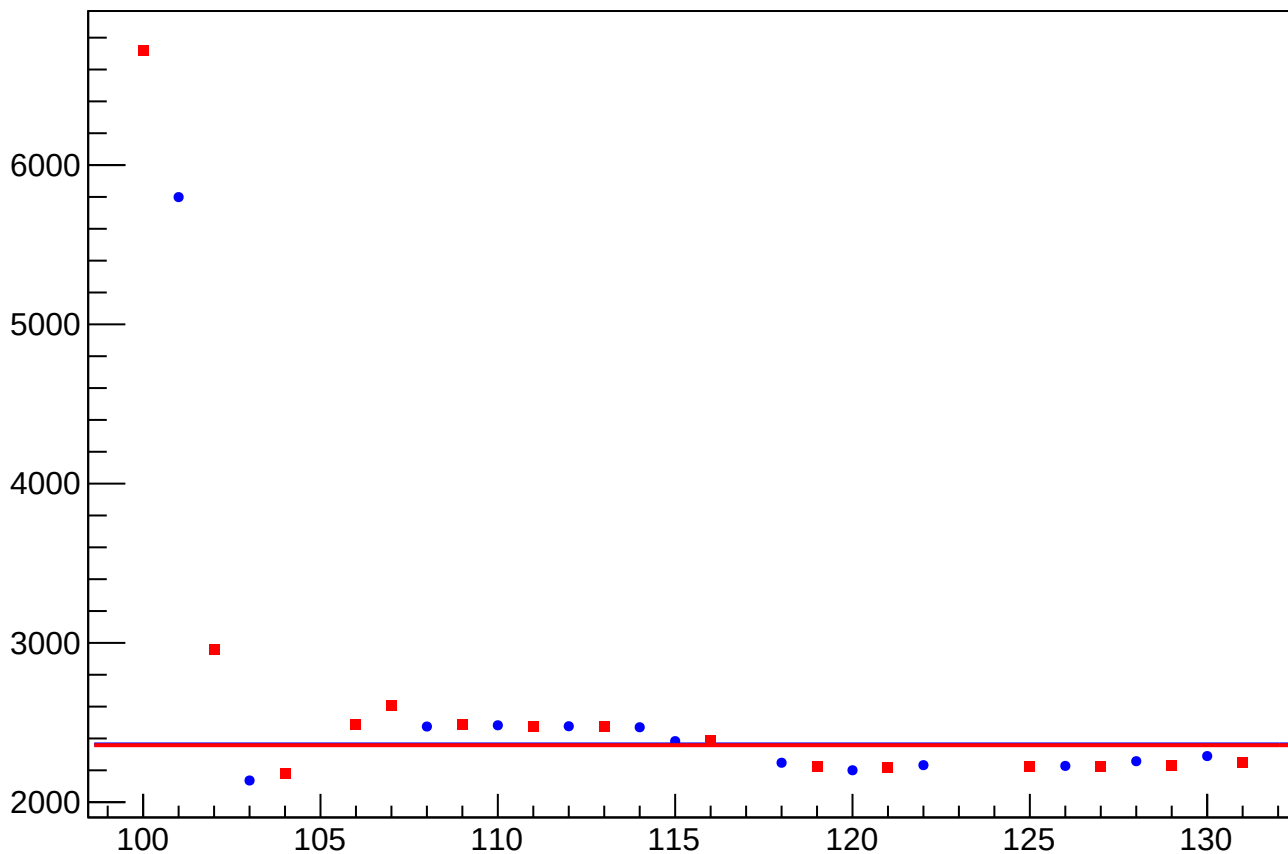
Right: 4223.090+/-702.619 χ^2/NDF : 22.9/27

In: 4562.253+/-1026.986 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4223.090+/-702.619 χ^2/NDF : 22.9/27

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2362.375+/-0.726 χ^2/NDF : 495767.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2357.731+/-0.681 χ^2/NDF : 142003.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

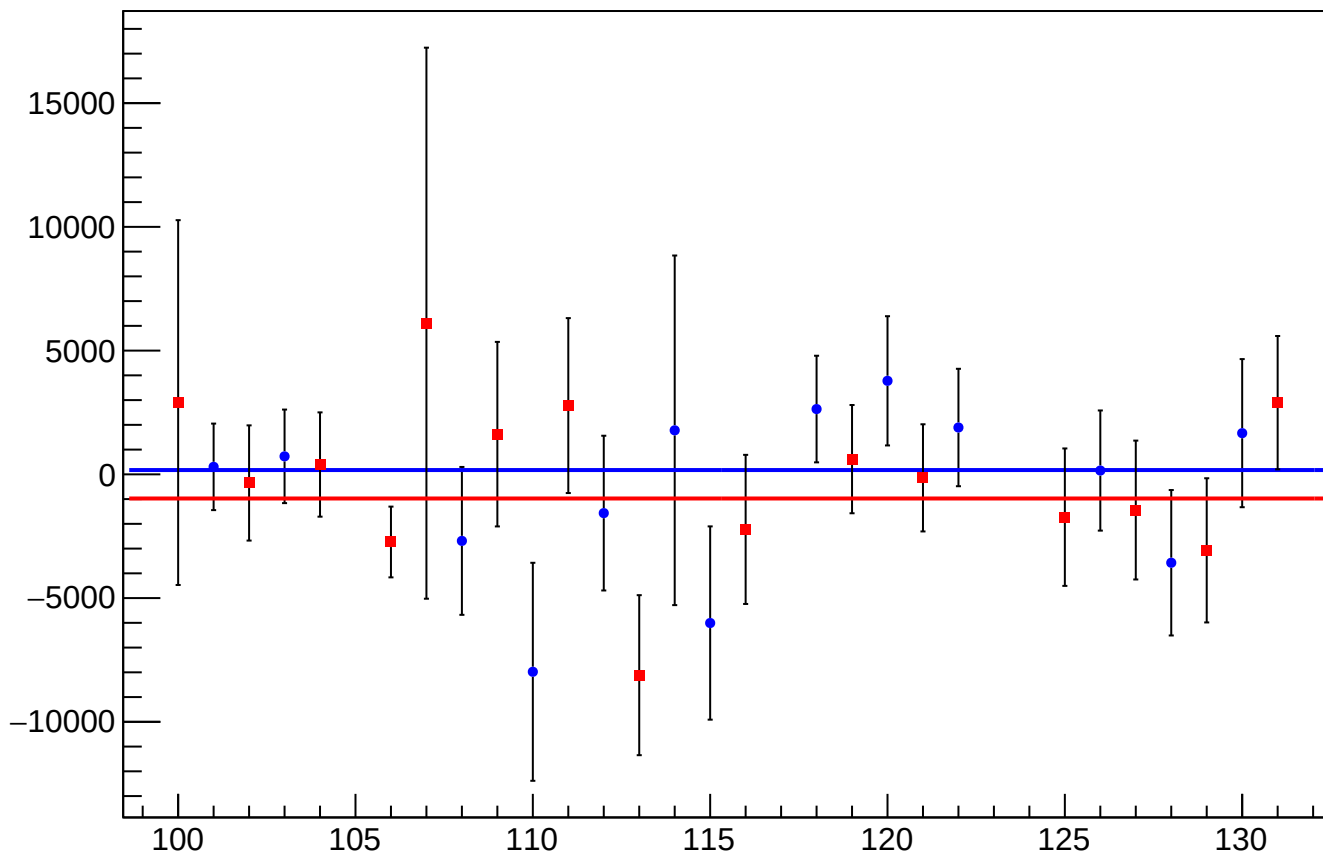
Right: 2359.905+/-0.497 χ^2/NDF : 637792.5/27

In: 2362.375+/-0.726 χ^2/NDF : 495767.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.905+/-0.497 χ^2/NDF : 637792.5/27

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 173.644+/-726.294 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -975.779+/-671.427 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

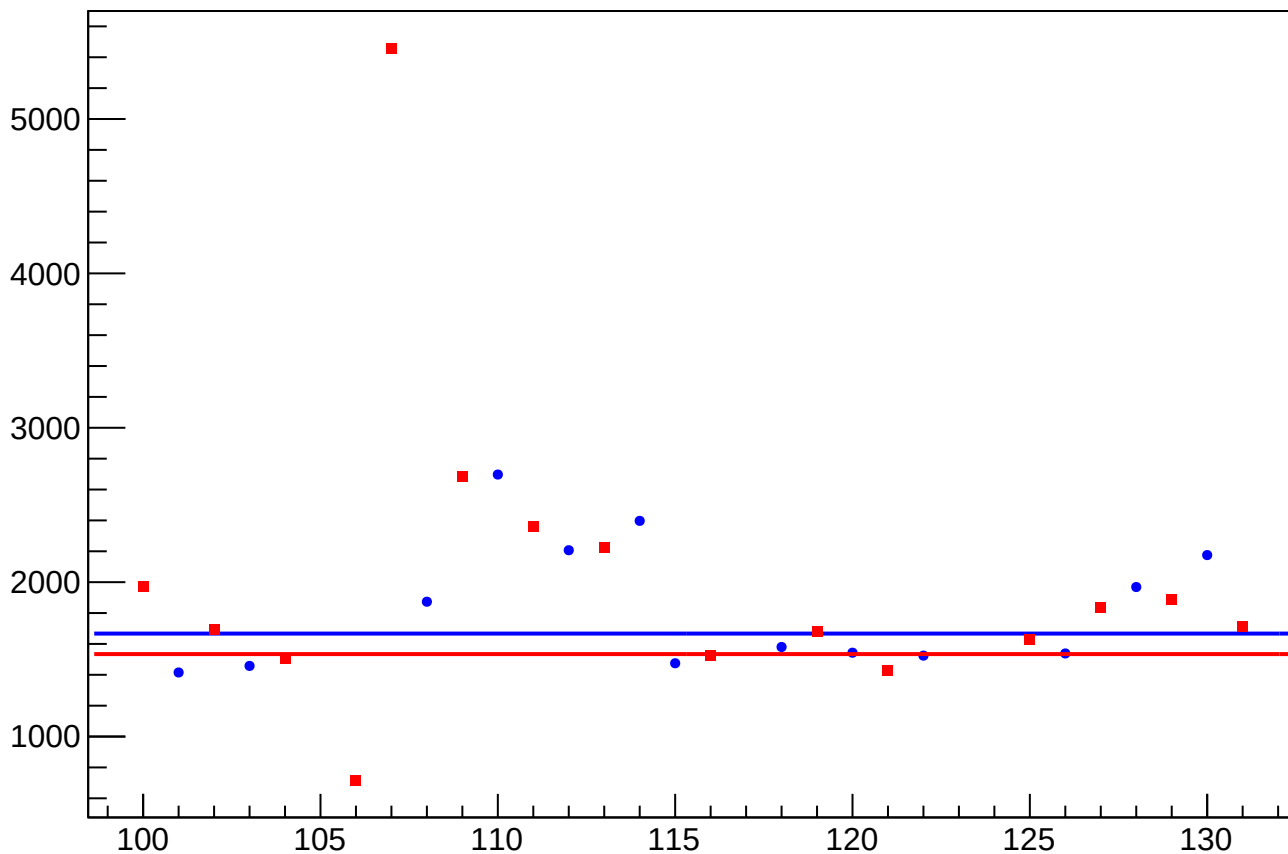
Right: -446.119+/-493.028 χ^2/NDF : 27.0/27

In: 173.644+/-726.294 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.119+/-493.028 χ^2/NDF : 27.0/27

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1666.994+/-0.514 χ^2/NDF : 370307.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1534.173+/-0.475 χ^2/NDF : 1392044.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

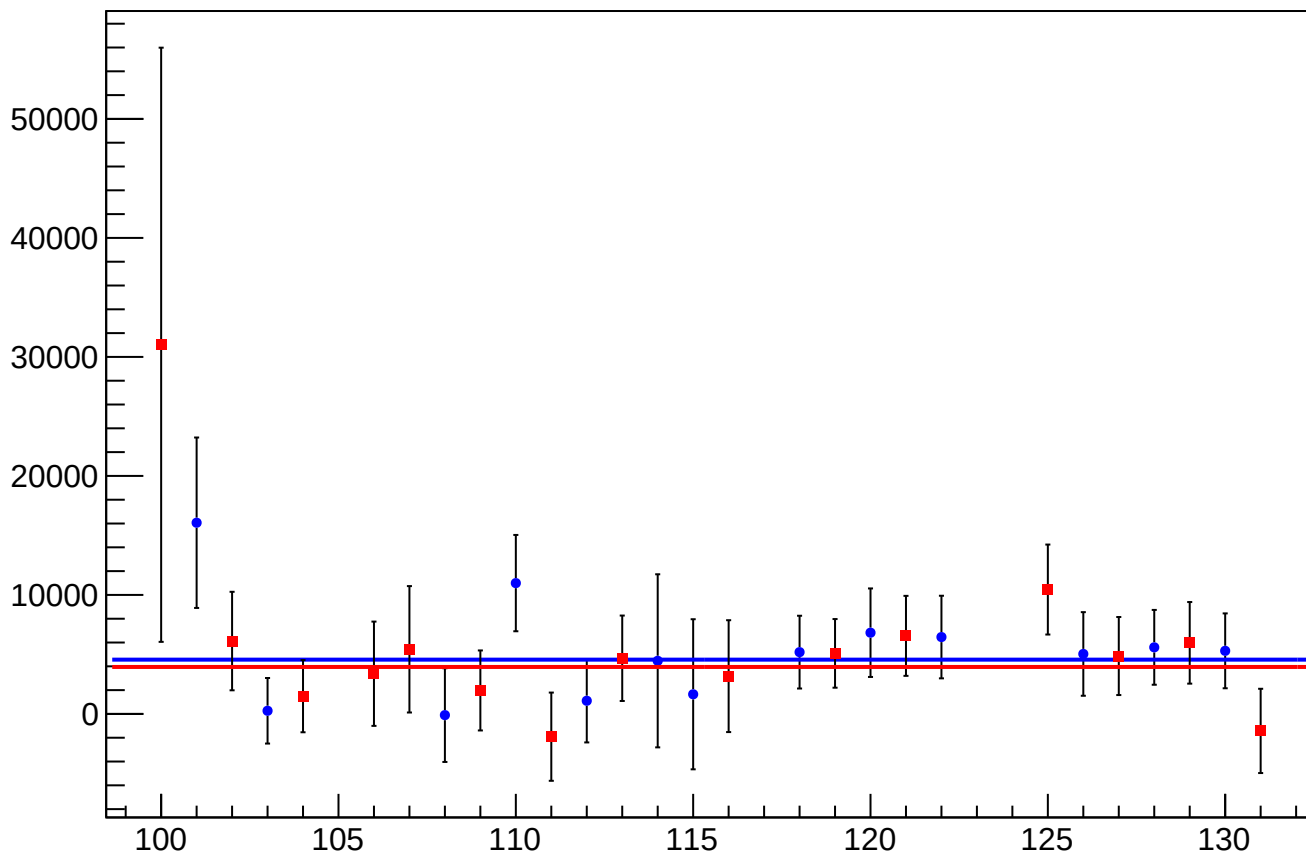
Right: 1595.378+/-0.349 χ^2/NDF : 1798417.1/27

In: 1666.994+/-0.514 χ^2/NDF : 370307.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.378+/-0.349 χ^2/NDF : 1798417.1/27

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3946.881+/-963.572 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

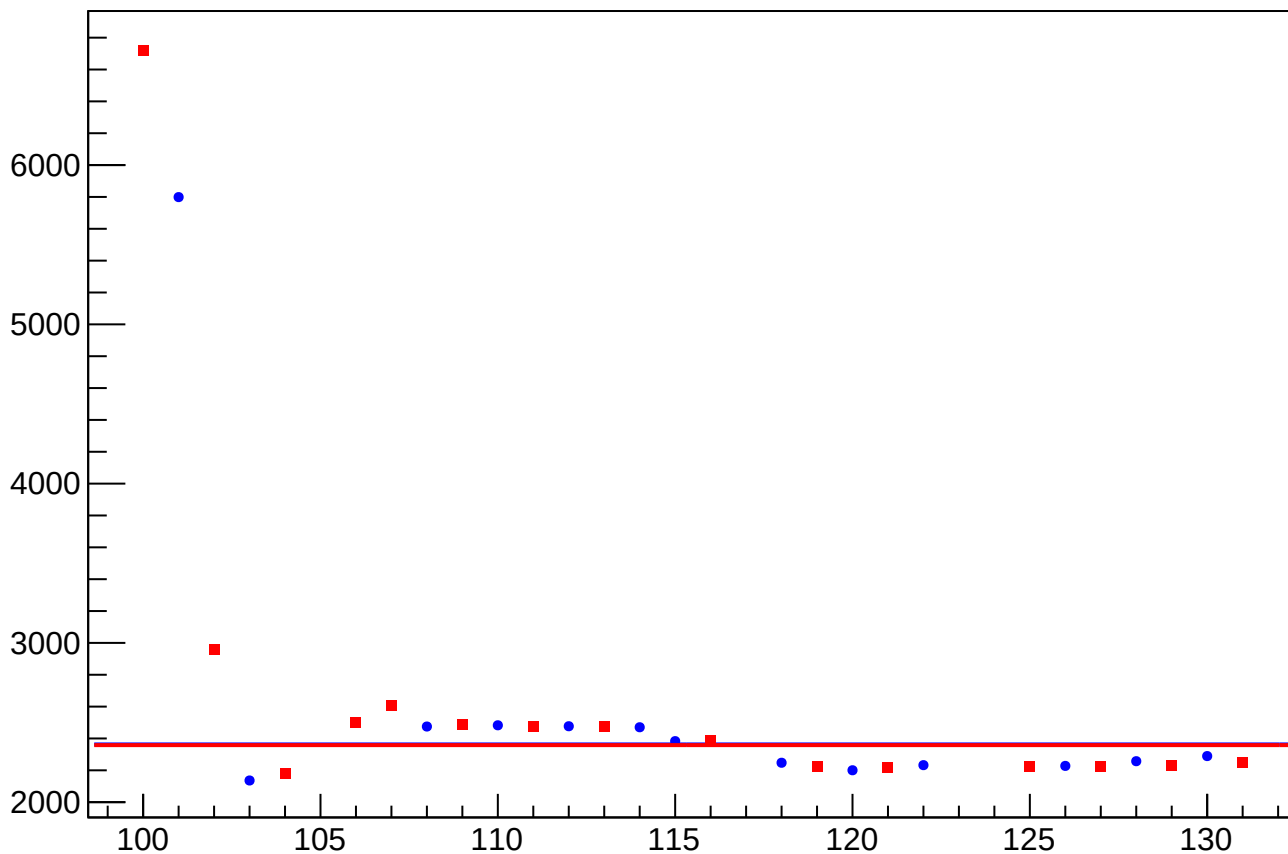
Right: 4234.613+/-702.698 χ^2/NDF : 22.8/27

In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4234.613+/-702.698 χ^2/NDF : 22.8/27

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.195+/-0.681 χ^2/NDF : 142294.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

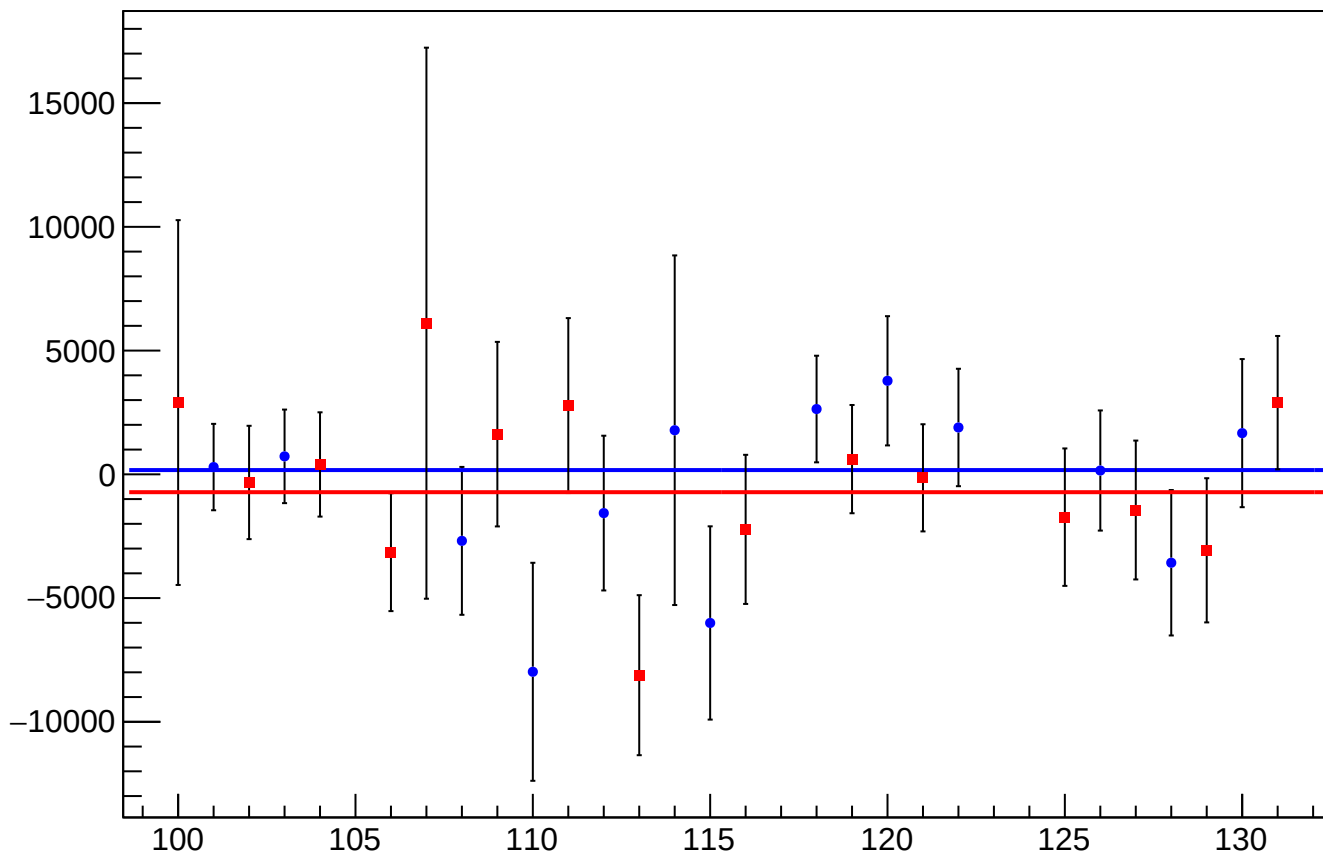
Right: 2360.152+/-0.497 χ^2/NDF : 638080.6/27

In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.152+/-0.497 χ^2/NDF : 638080.6/27

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.619+/-723.300 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

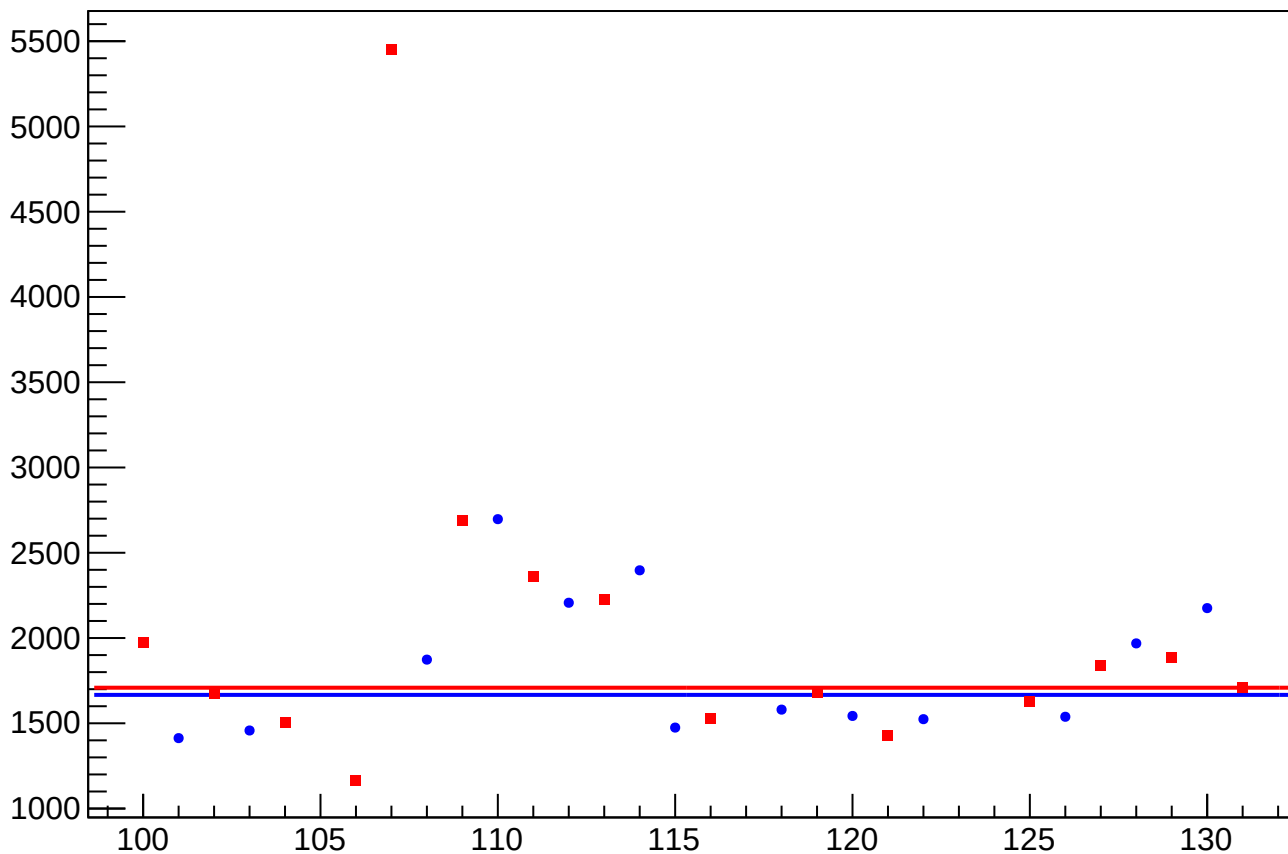
Right: -276.477+/-512.445 χ^2/NDF : 25.6/27

In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.477+/-512.445 χ^2/NDF : 25.6/27

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.677+/-0.511 χ^2/NDF : 664493.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

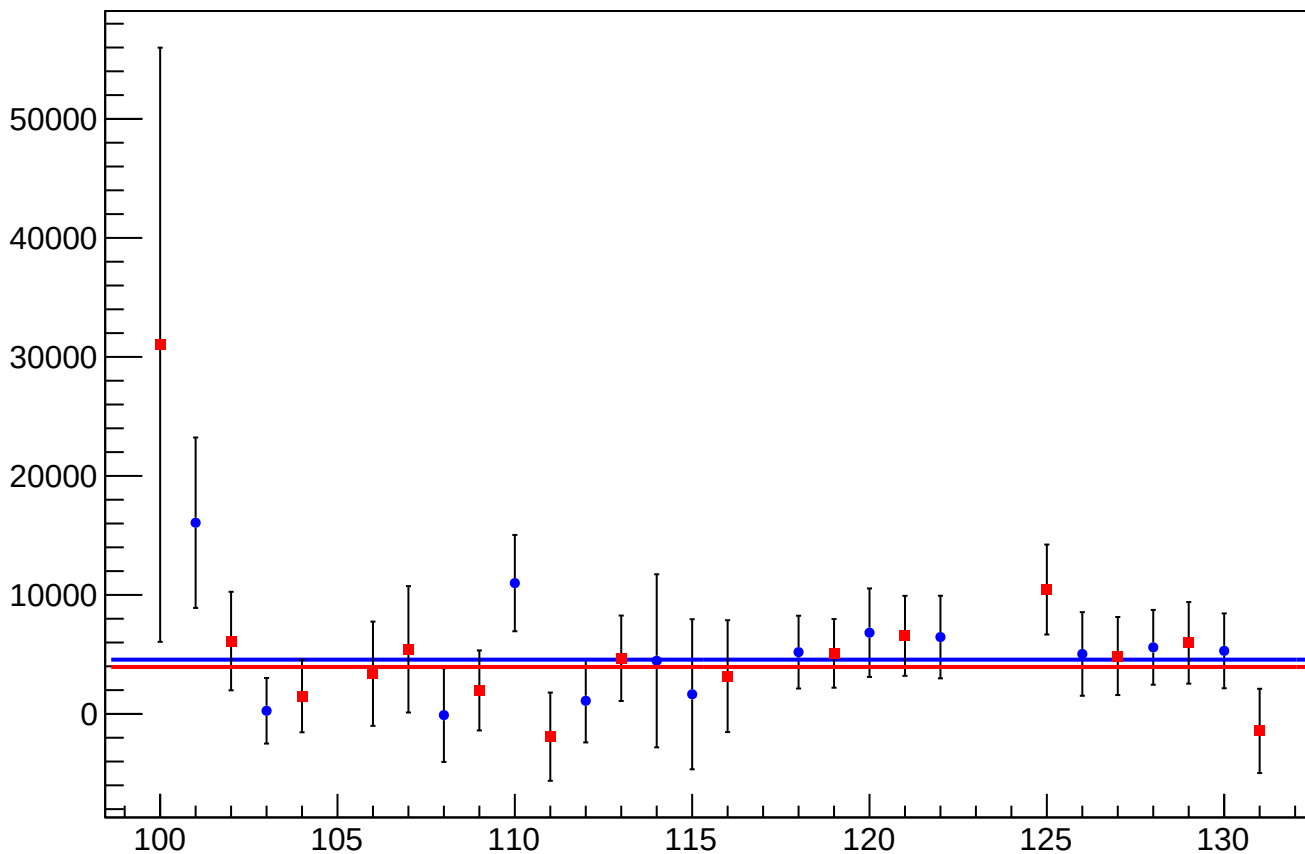
Right: 1687.696+/-0.362 χ^2/NDF : 1038930.9/27

In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.696+/-0.362 χ^2/NDF : 1038930.9/27

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3946.881+/-963.572 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

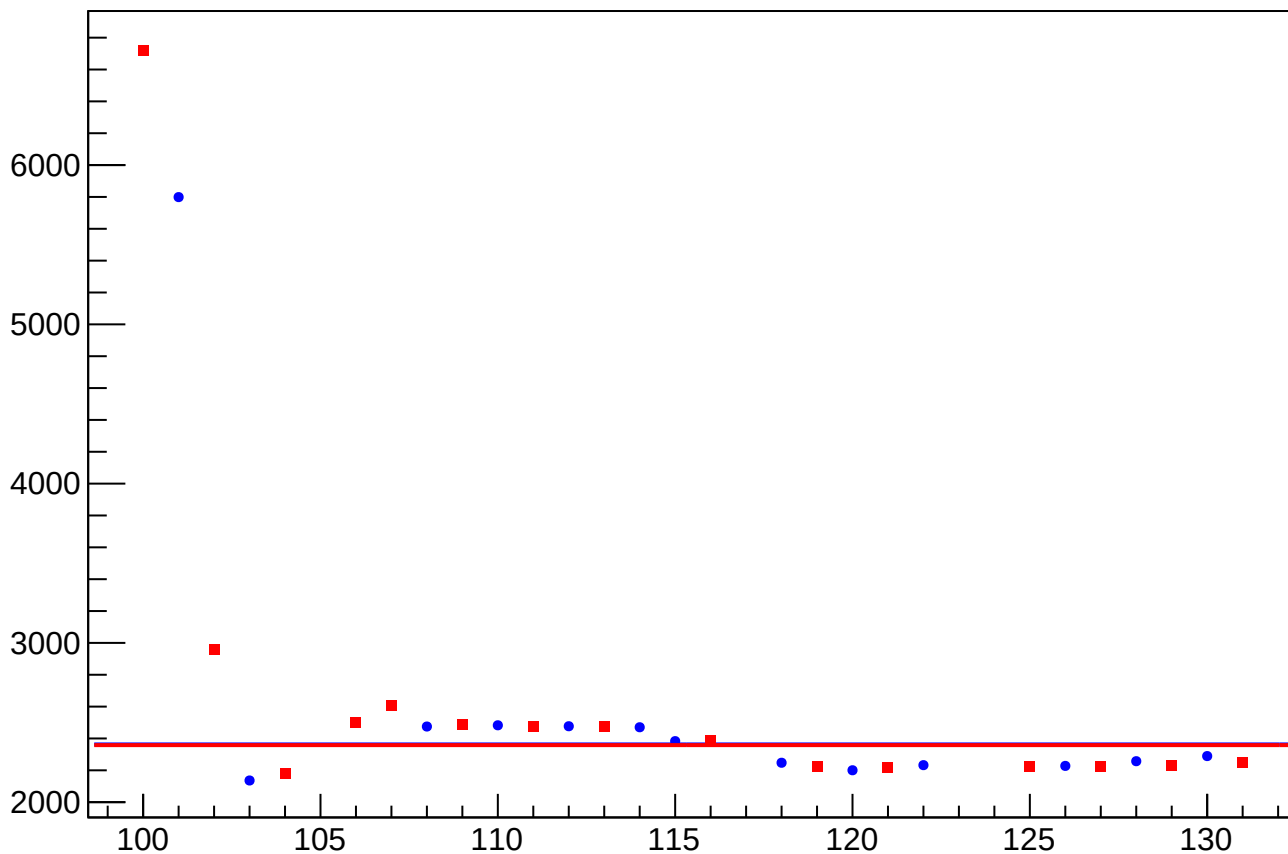
Right: 4234.613+/-702.698 χ^2/NDF : 22.8/27

In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4234.613+/-702.698 χ^2/NDF : 22.8/27

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.195+/-0.681 χ^2/NDF : 142294.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

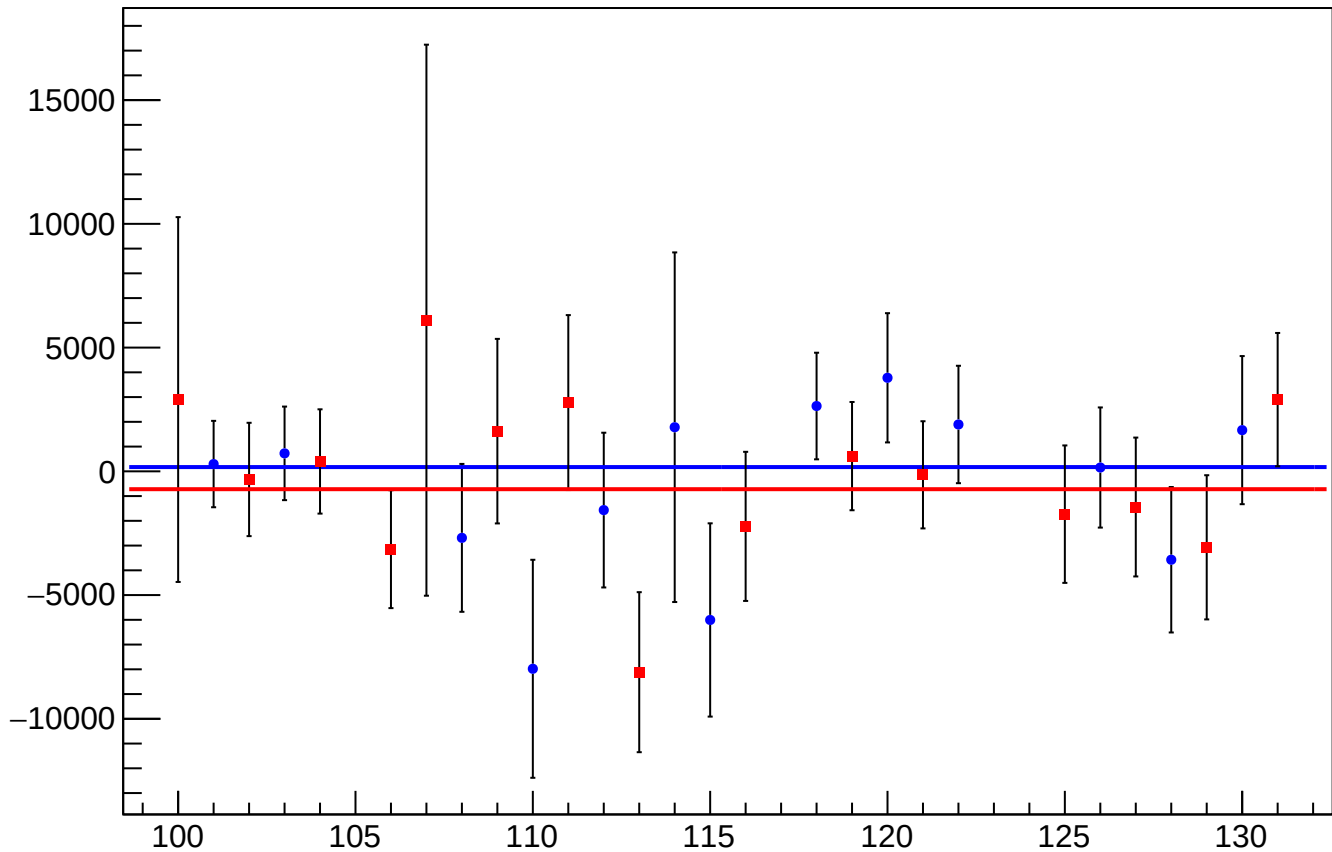
Right: 2360.152+/-0.497 χ^2/NDF : 638080.6/27

In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.152+/-0.497 χ^2/NDF : 638080.6/27

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.619+/-723.300 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

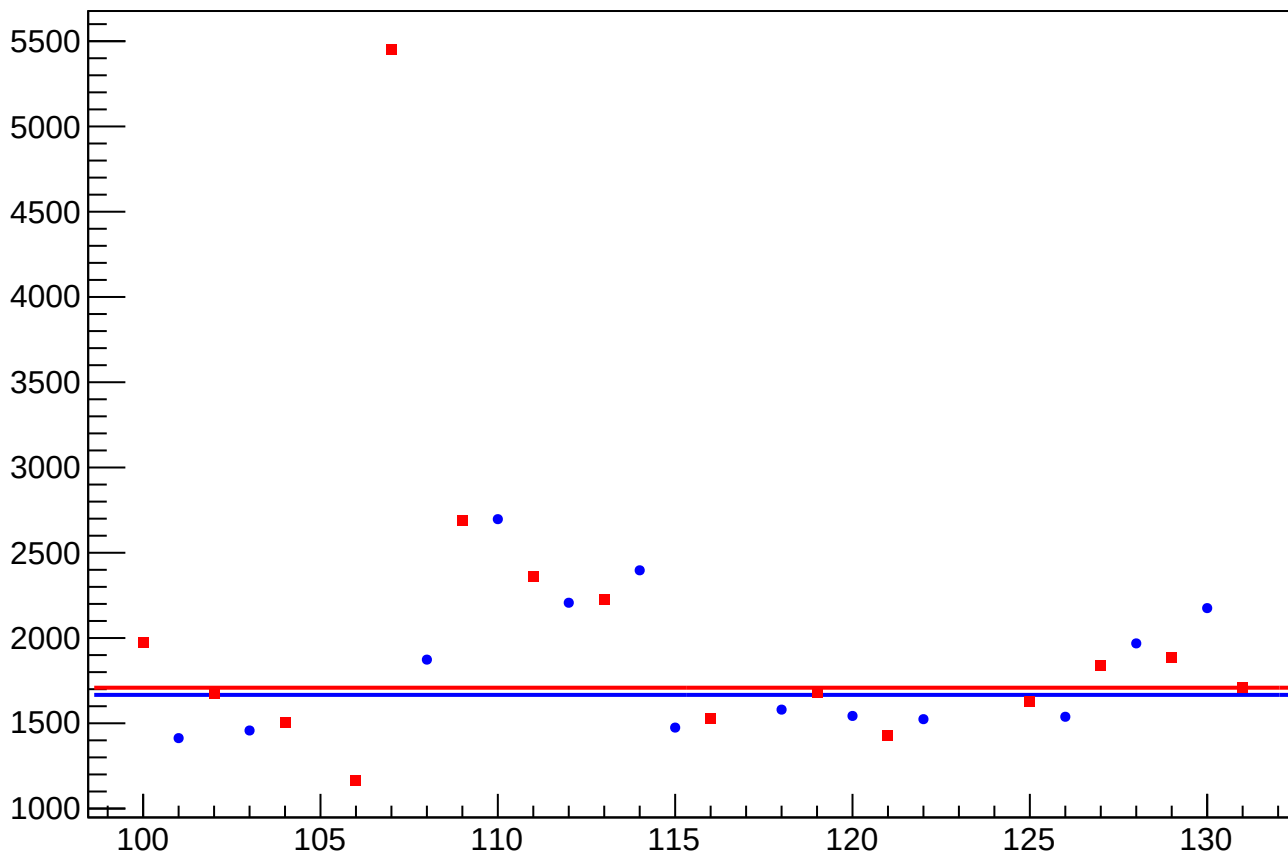
Right: -276.477+/-512.445 χ^2/NDF : 25.6/27

In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.477+/-512.445 χ^2/NDF : 25.6/27

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.677+/-0.511 χ^2/NDF : 664493.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

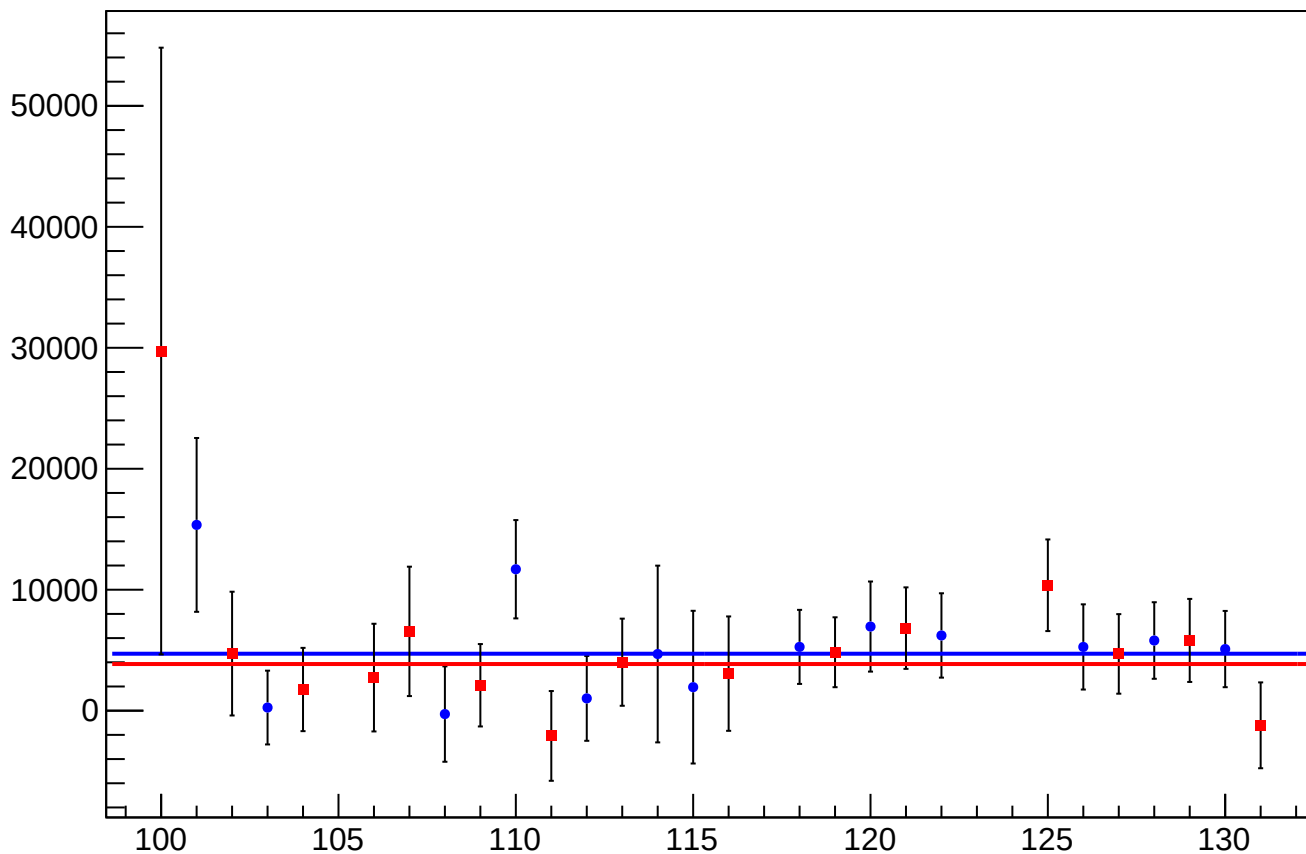
Right: 1687.696+/-0.362 χ^2/NDF : 1038930.9/27

In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.696+/-0.362 χ^2/NDF : 1038930.9/27

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4708.840+/-1043.165 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3856.729+/-987.883 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

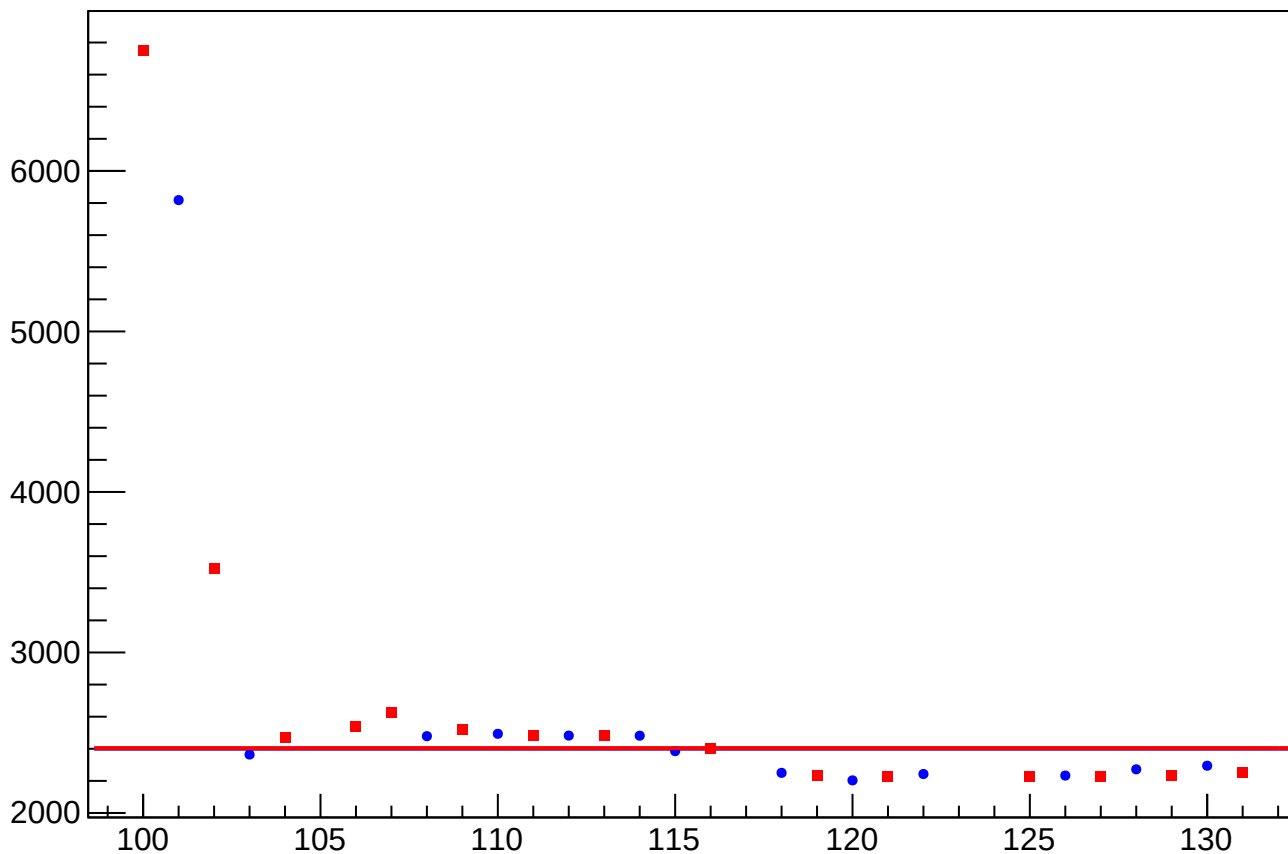
Right: 4259.609+/-717.286 χ^2/NDF : 22.2/27

In: 4708.840+/-1043.165 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4259.609+/-717.286 χ^2/NDF : 22.2/27

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2401.059+/-0.738 χ^2/NDF : 480546.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.797+/-0.699 χ^2/NDF : 197228.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

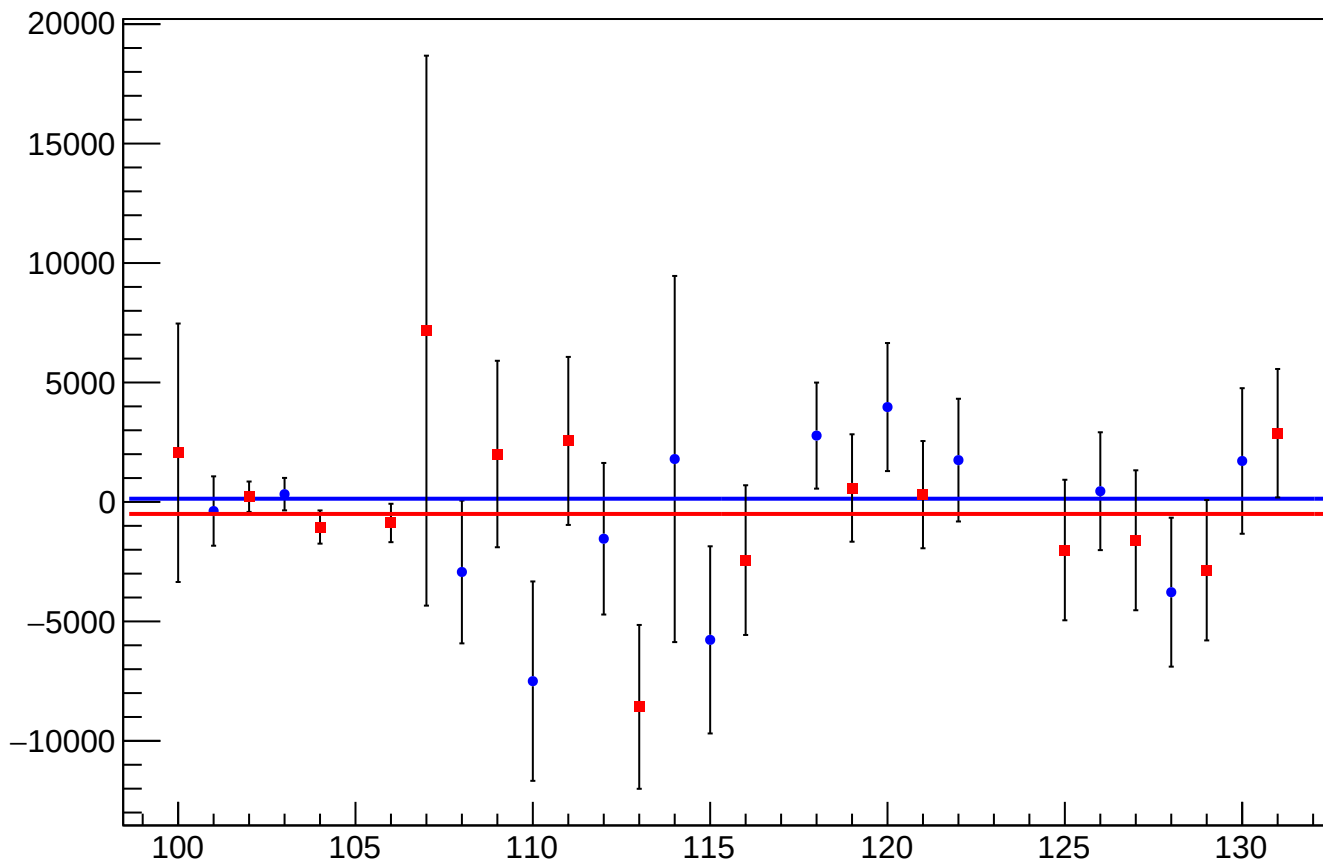
Right: 2402.503+/-0.507 χ^2/NDF : 677781.8/27

In: 2401.059+/-0.738 χ^2/NDF : 480546.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2402.503+/-0.507 χ^2/NDF : 677781.8/27

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 135.204+/-508.934 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.810+/-368.859 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

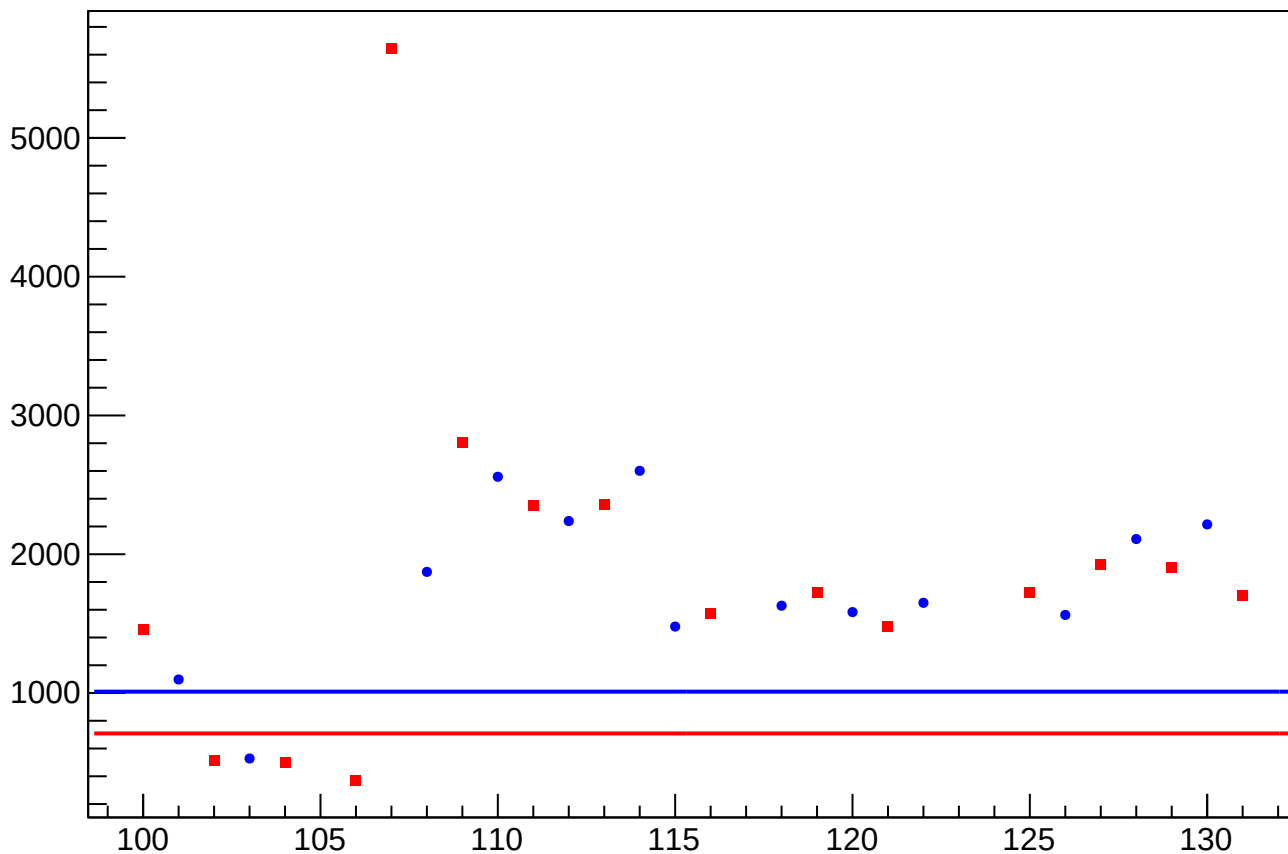
Right: -282.431+/-298.665 χ^2/NDF : 26.8/27

In: 135.204+/-508.934 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.431+/-298.665 χ^2/NDF : 26.8/27

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1009.844+/-0.360 χ^2/NDF : 2904321.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.653+/-0.261 χ^2/NDF : 4600238.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

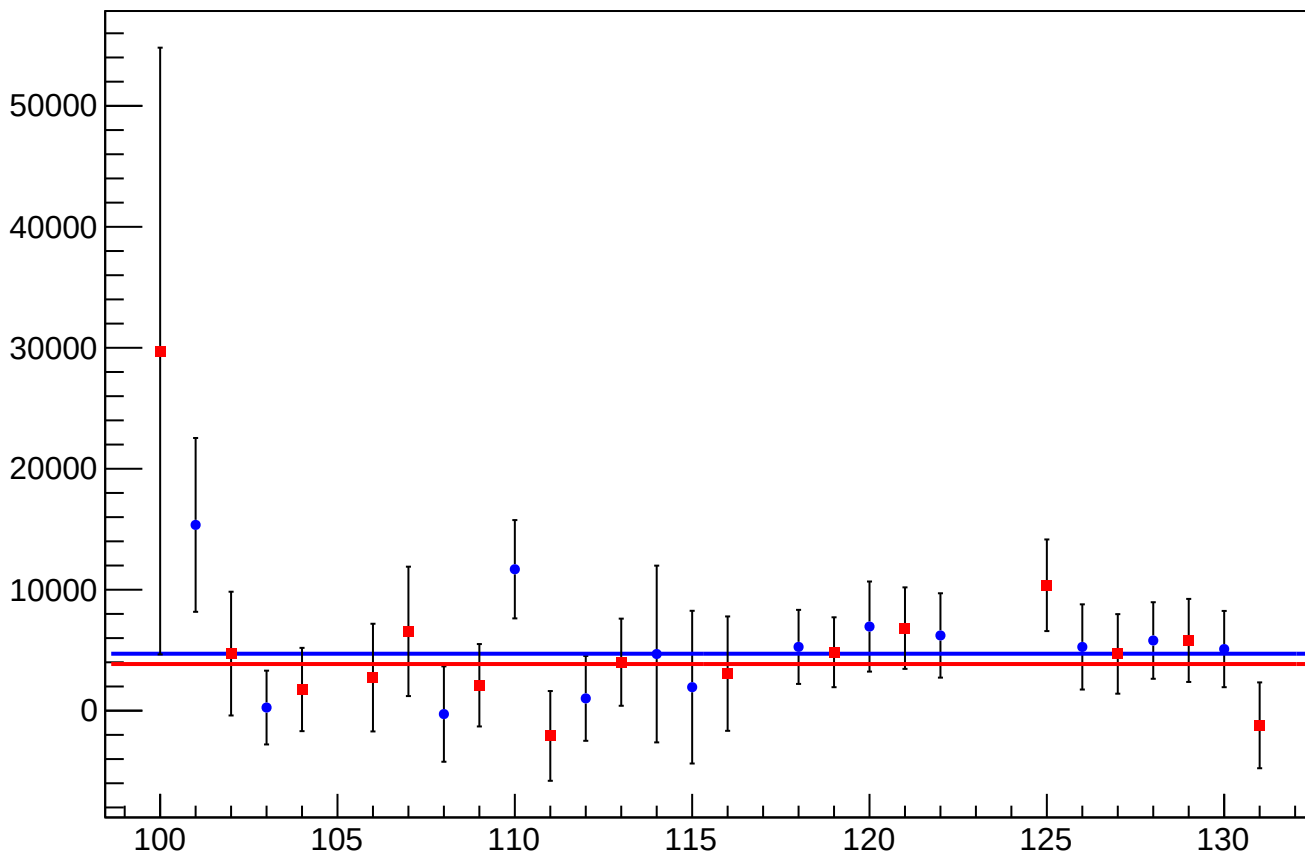
Right: 812.379+/-0.211 χ^2/NDF : 7963798.1/27

In: 1009.844+/-0.360 χ^2/NDF : 2904321.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.379+/-0.211 χ^2/NDF : 7963798.1/27

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4708.839+/-1043.165 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3856.727+/-987.883 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

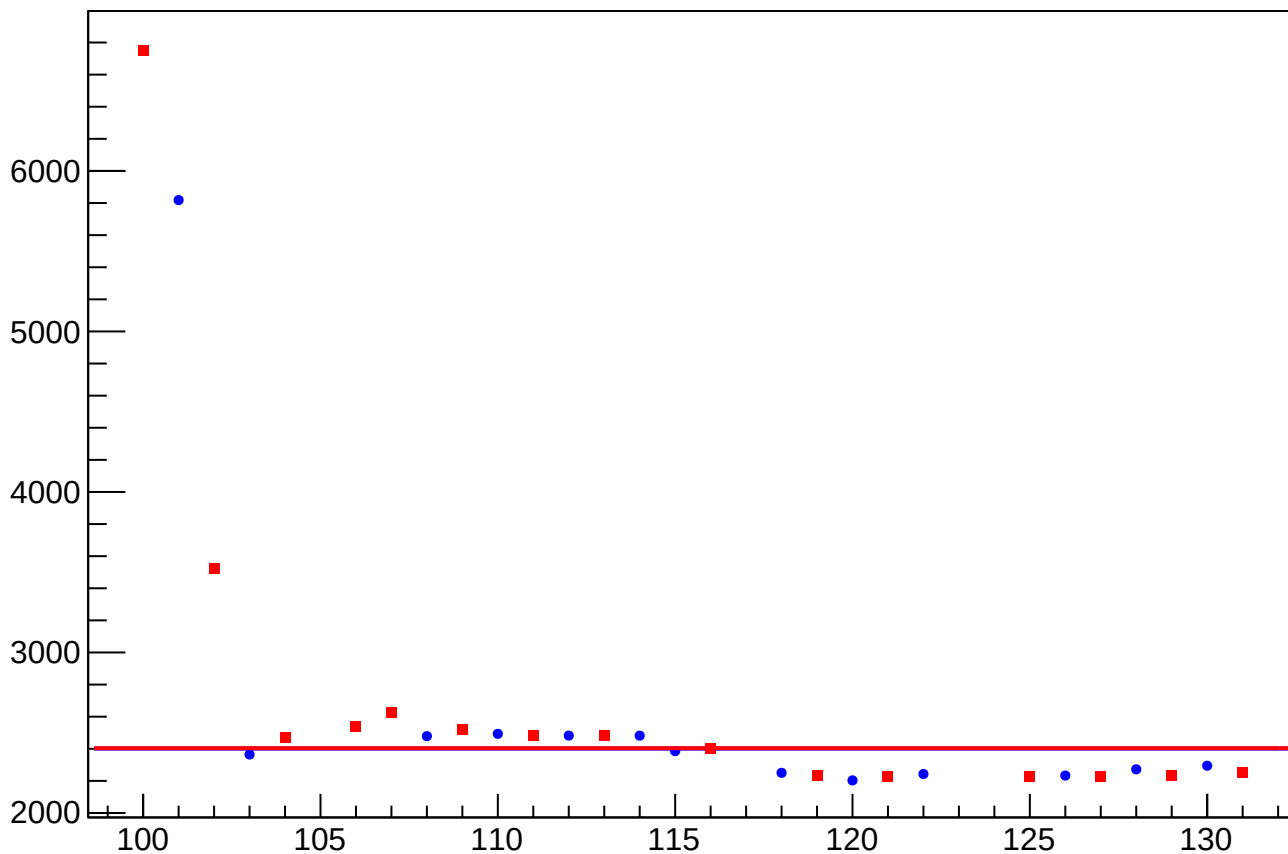
Right: 4259.607+/-717.286 χ^2/NDF : 22.2/27

In: 4708.839+/-1043.165 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4259.607+/-717.286 χ^2/NDF : 22.2/27

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2401.059+/-0.738 χ^2/NDF : 480546.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.797+/-0.699 χ^2/NDF : 197227.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

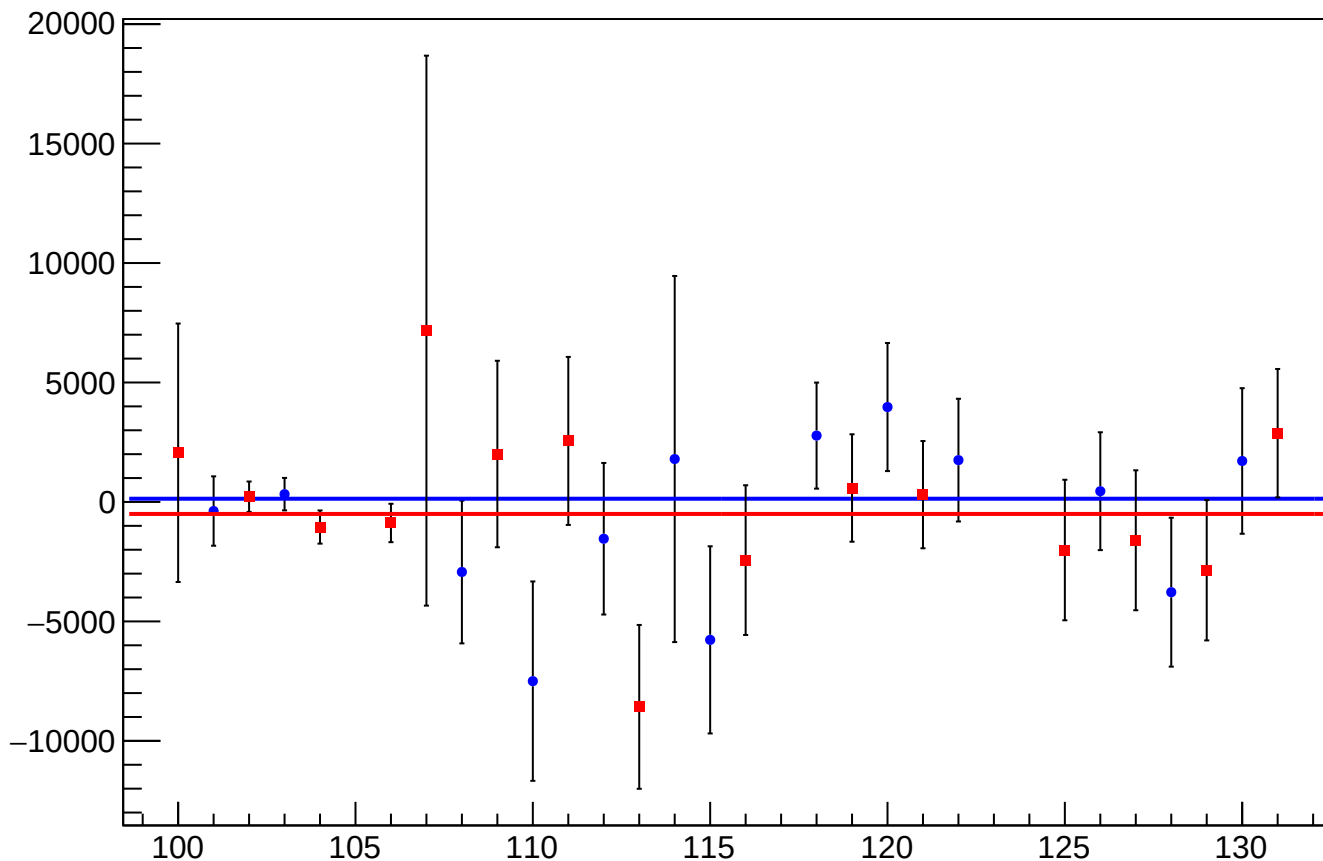
Right: 2402.502+/-0.507 χ^2/NDF : 677781.0/27

In: 2401.059+/-0.738 χ^2/NDF : 480546.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2402.502+/-0.507 χ^2/NDF : 677781.0/27

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 135.198 $\pm$ 508.937 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -501.815 $\pm$ 368.864 χ^2 /NDF: 12.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

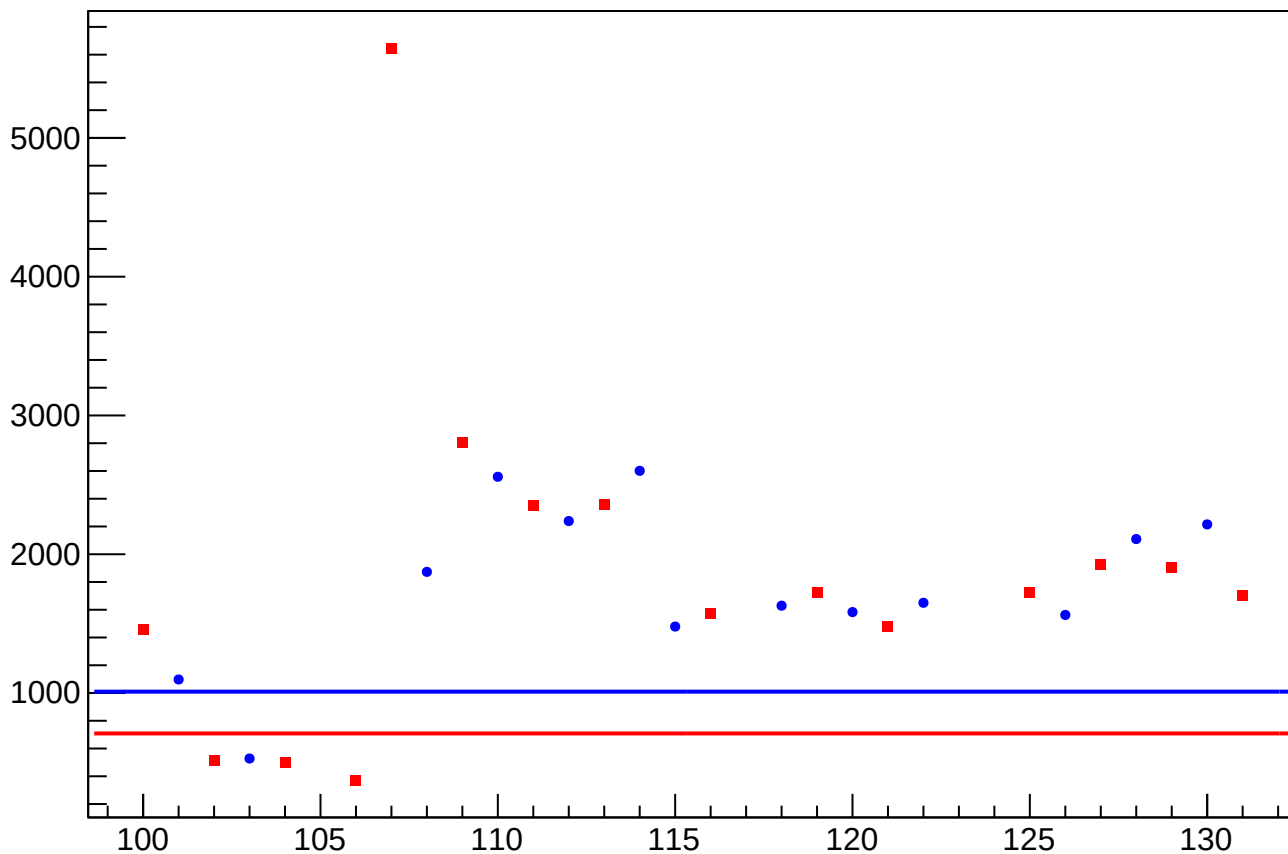
Right: -282.434 $\pm$ 298.668 χ^2 /NDF: 26.8/27

In: 135.198 $\pm$ 508.937 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -282.434 $\pm$ 298.668 χ^2 /NDF: 26.8/27

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1009.854+/-0.360 χ^2/NDF : 2904261.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.668+/-0.261 χ^2/NDF : 4600141.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

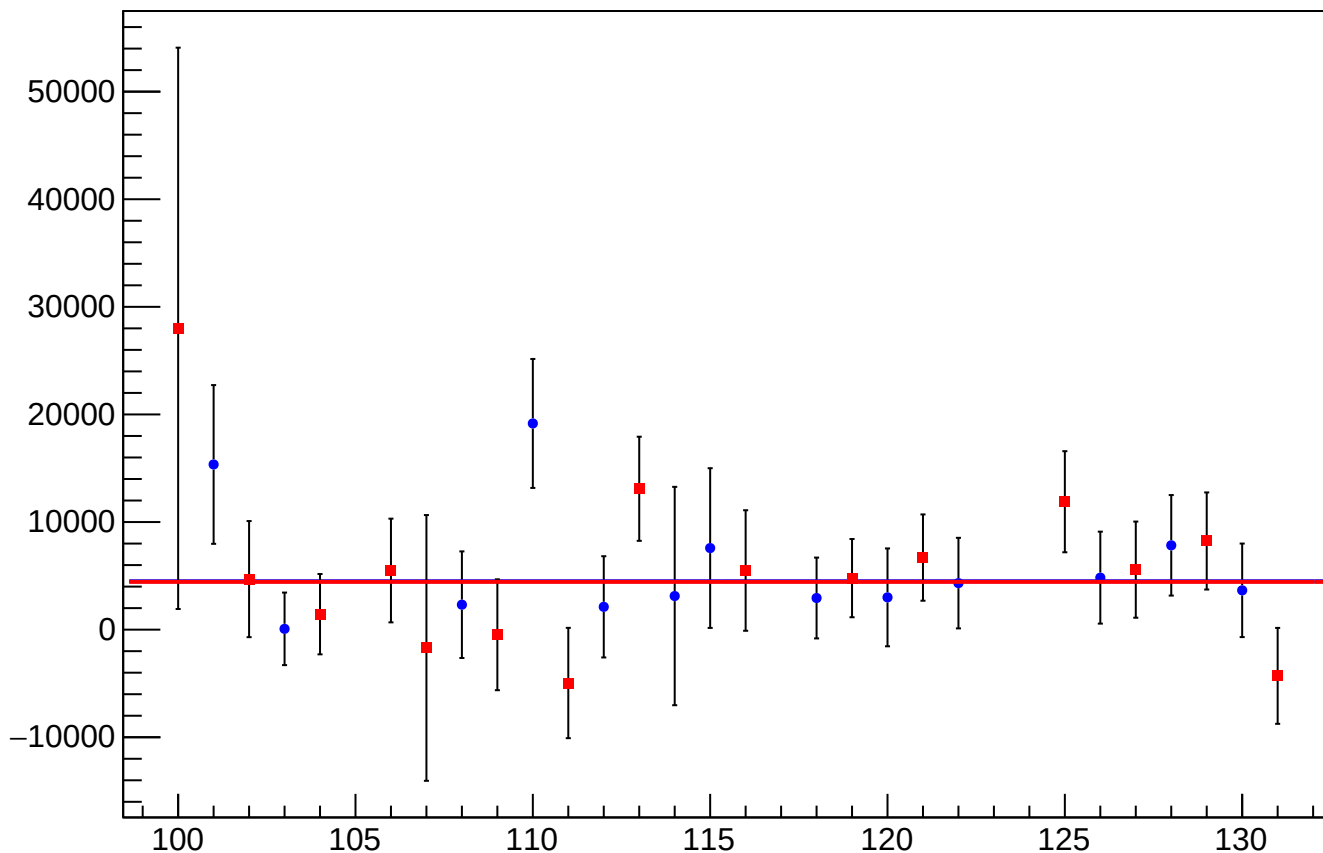
Right: 812.393+/-0.211 χ^2/NDF : 7963619.4/27

In: 1009.854+/-0.360 χ^2/NDF : 2904261.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.393+/-0.211 χ^2/NDF : 7963619.4/27

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4496.357+/-1316.184 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4443.139+/-1249.733 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

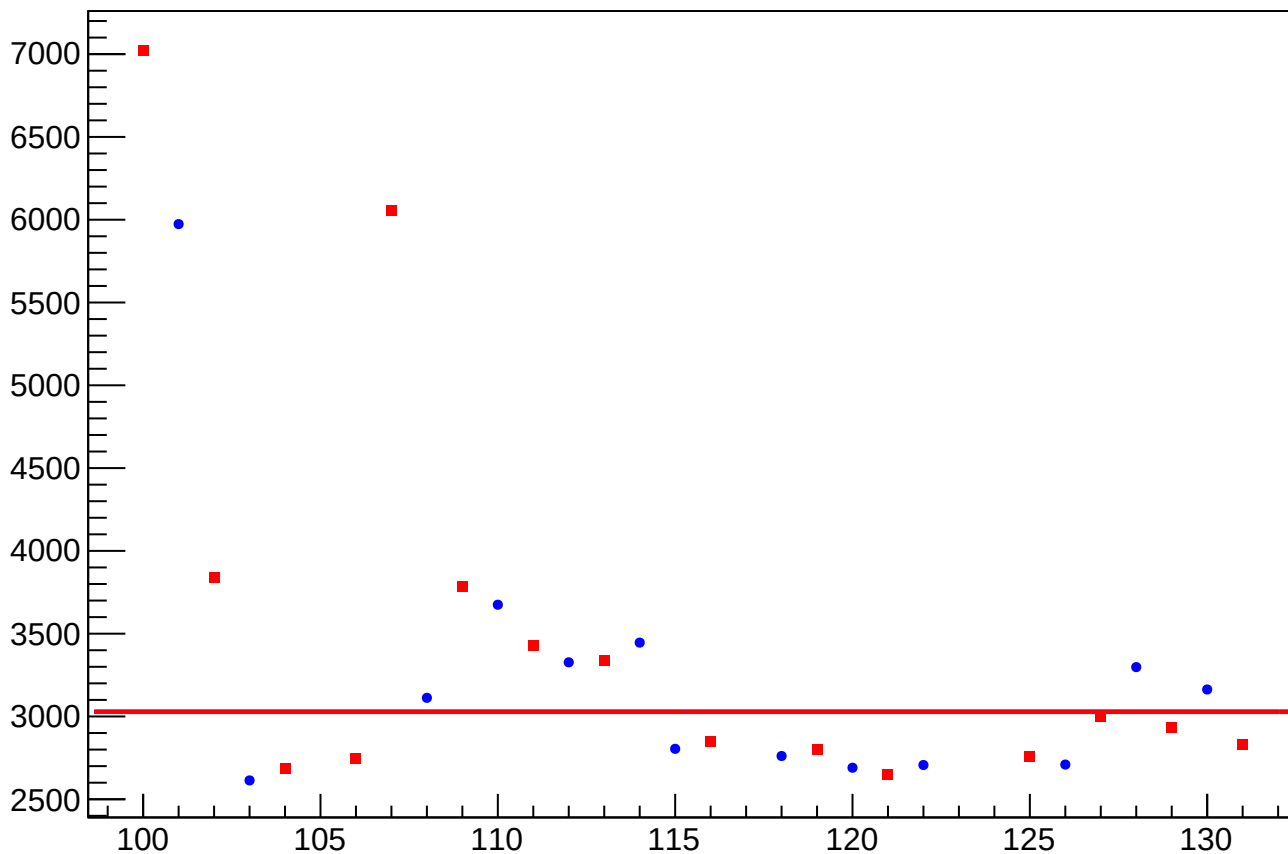
Right: 4468.371+/-906.276 χ^2/NDF : 28.1/27

In: 4496.357+/-1316.184 χ^2/NDF :11.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4468.371+/-906.276 χ^2/NDF : 28.1/27

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3030.380+/-0.931 χ^2/NDF : 438787.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3026.679+/-0.884 χ^2/NDF : 337938.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

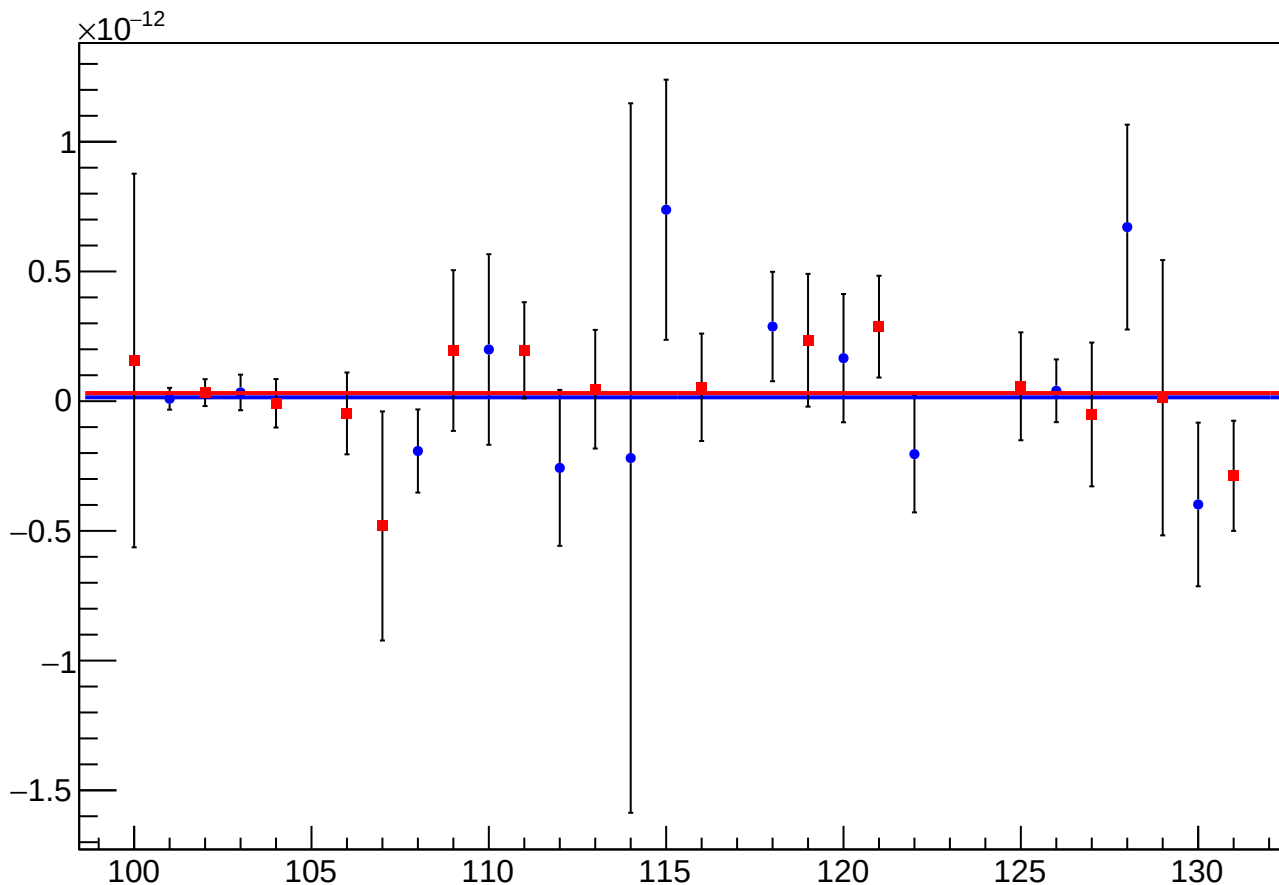
Right: 3028.434+/-0.641 χ^2/NDF : 776734.6/27

In: 3030.380+/-0.931 χ^2/NDF : 438787.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3028.434+/-0.641 χ^2/NDF : 776734.6/27

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

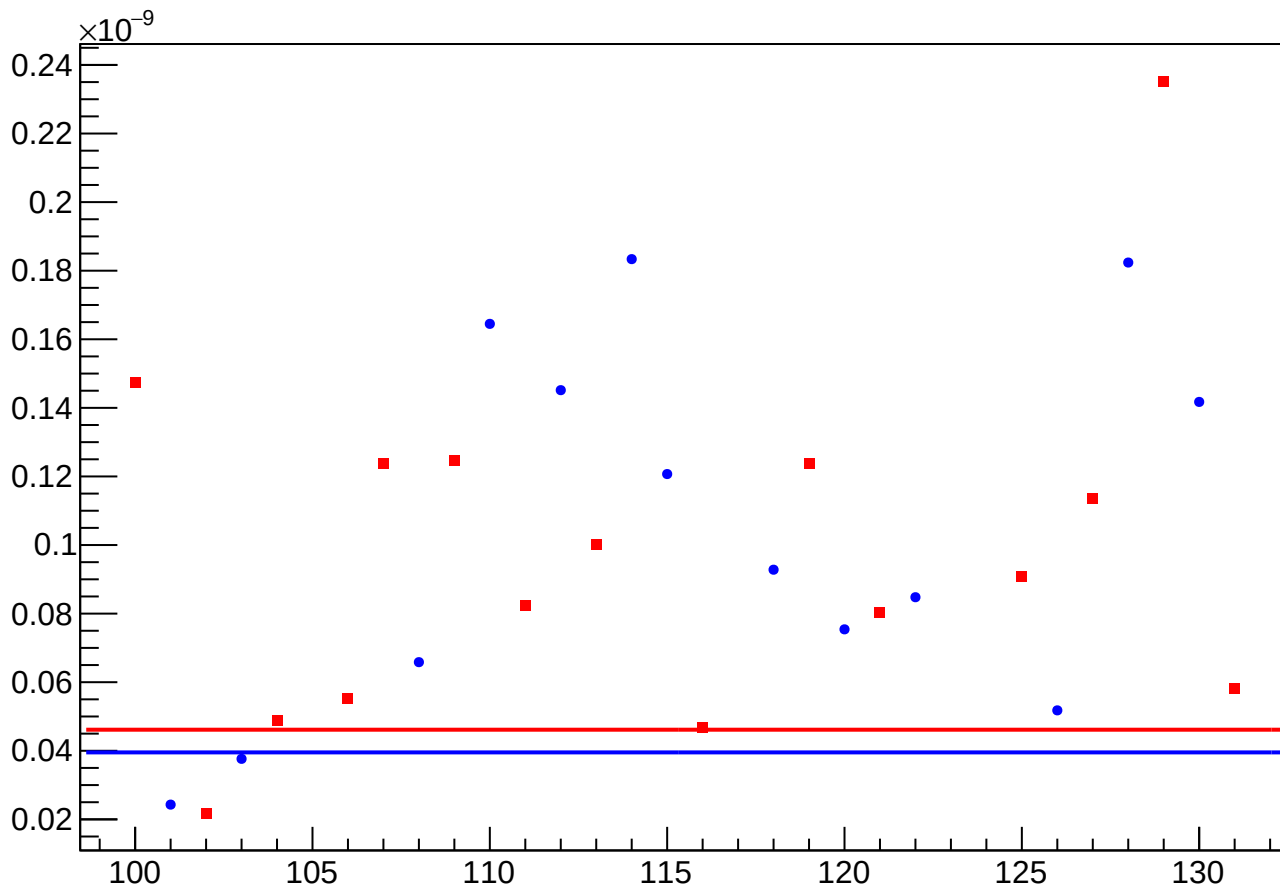
Right: 0.000+/-0.000 χ^2/NDF : 20.2/27

In: 0.000+/-0.000 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.2/27

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1612787.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1587465.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

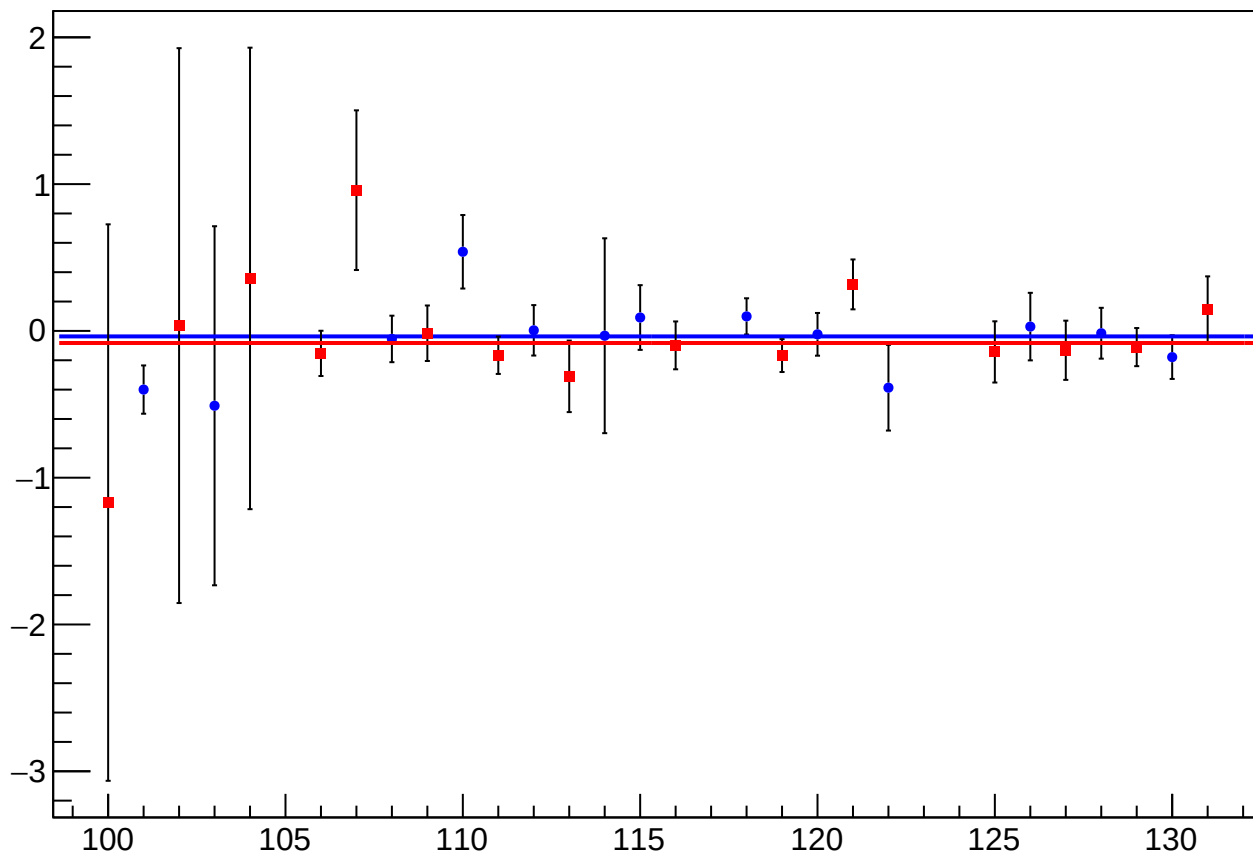
Right: 0.000+/-0.000 χ^2/NDF : 3236592.1/27

In: 0.000+/-0.000 χ^2/NDF : 1612787.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3236592.1/27

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 0.052 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.082 $\pm$ 0.048 χ^2 /NDF: 13.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

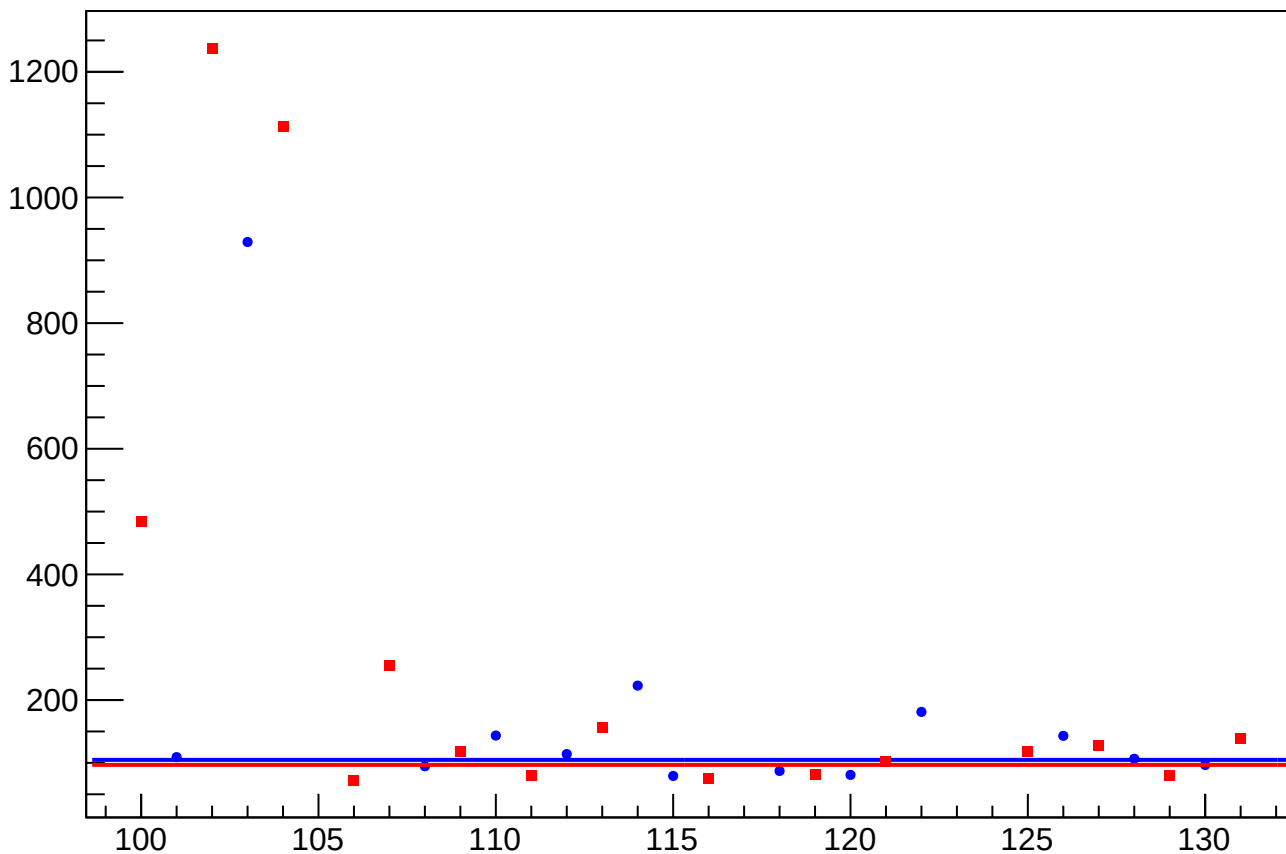
Right: -0.062 $\pm$ 0.035 χ^2 /NDF: 27.9/27

In: -0.037 $\pm$ 0.052 χ^2 /NDF:14.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.062 $\pm$ 0.035 χ^2 /NDF: 27.9/27

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.765+/-0.037 χ^2/NDF : 1355521.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.836+/-0.034 χ^2/NDF : 2309902.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

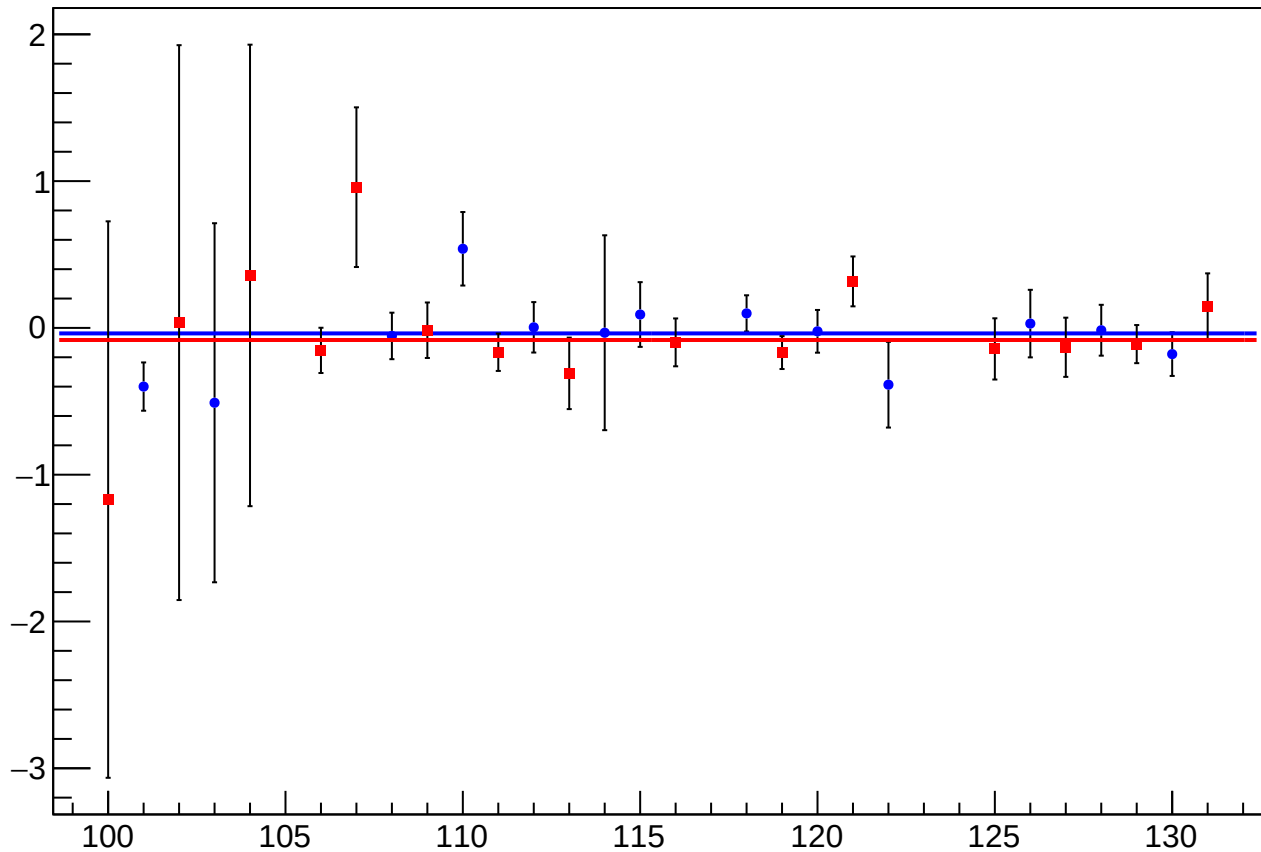
Right: 100.506+/-0.025 χ^2/NDF : 3690557.7/27

In: 104.765+/-0.037 χ^2/NDF :1355521.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 100.506+/-0.025 χ^2/NDF : 3690557.7/27

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.048 χ^2/NDF : 13.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

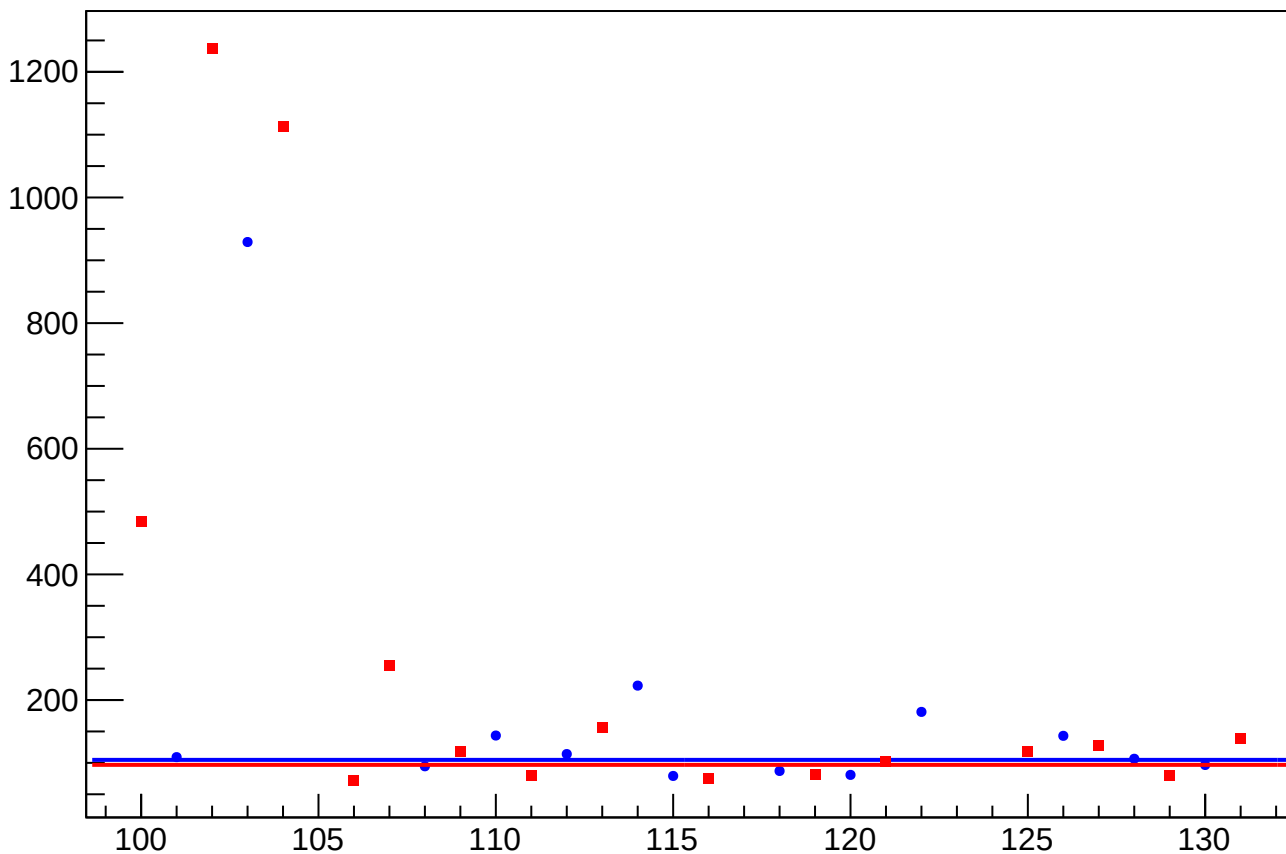
Right: -0.062 ± 0.035 χ^2/NDF : 27.9/27

In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.035 χ^2/NDF : 27.9/27

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.765 $\pm$ 0.037 χ^2 /NDF: 1355521.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.836 $\pm$ 0.034 χ^2 /NDF: 2309902.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

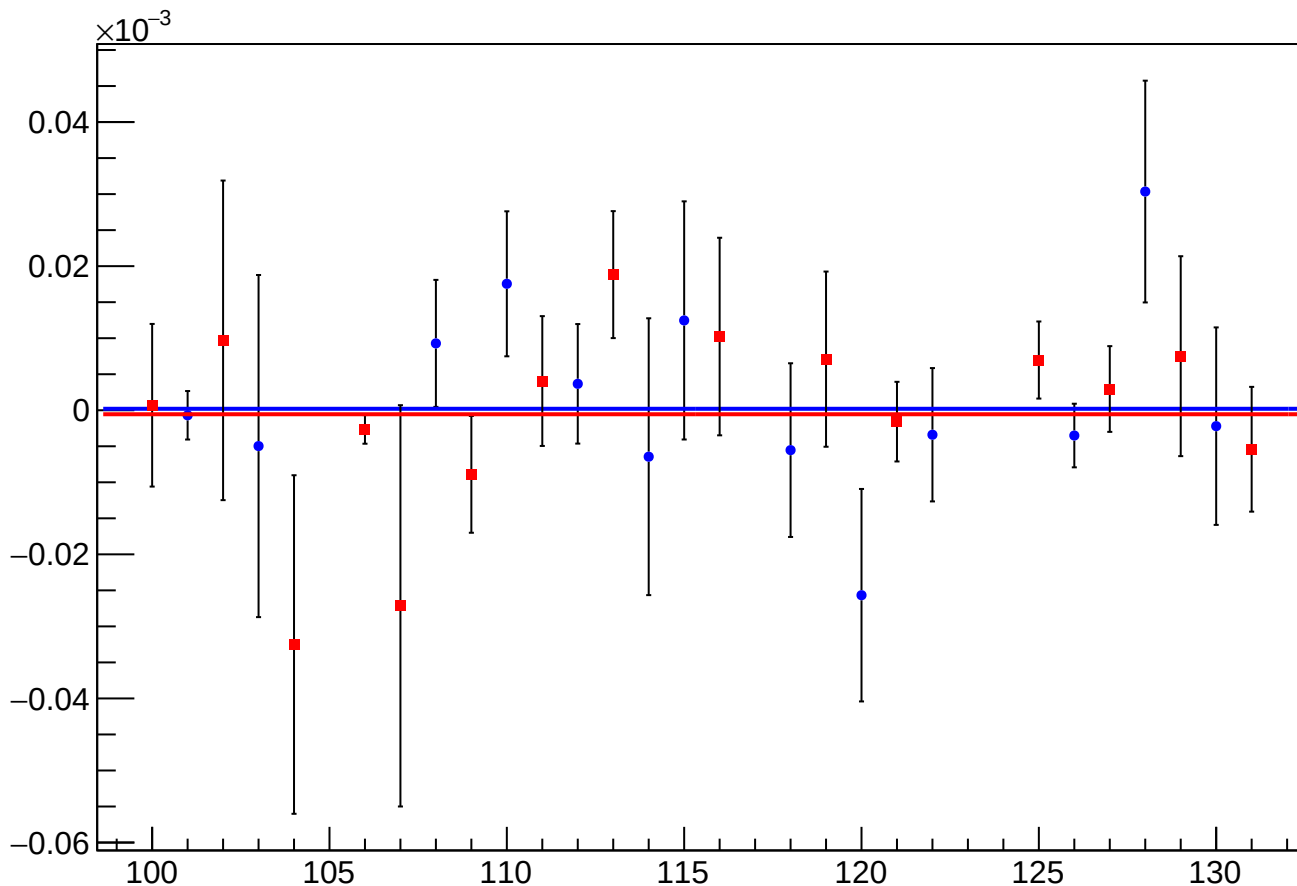
Right: 100.506 $\pm$ 0.025 χ^2 /NDF: 3690557.7/27

In: 104.765 $\pm$ 0.037 χ^2 /NDF:1355521.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.506 $\pm$ 0.025 χ^2 /NDF: 3690557.7/27

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 : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

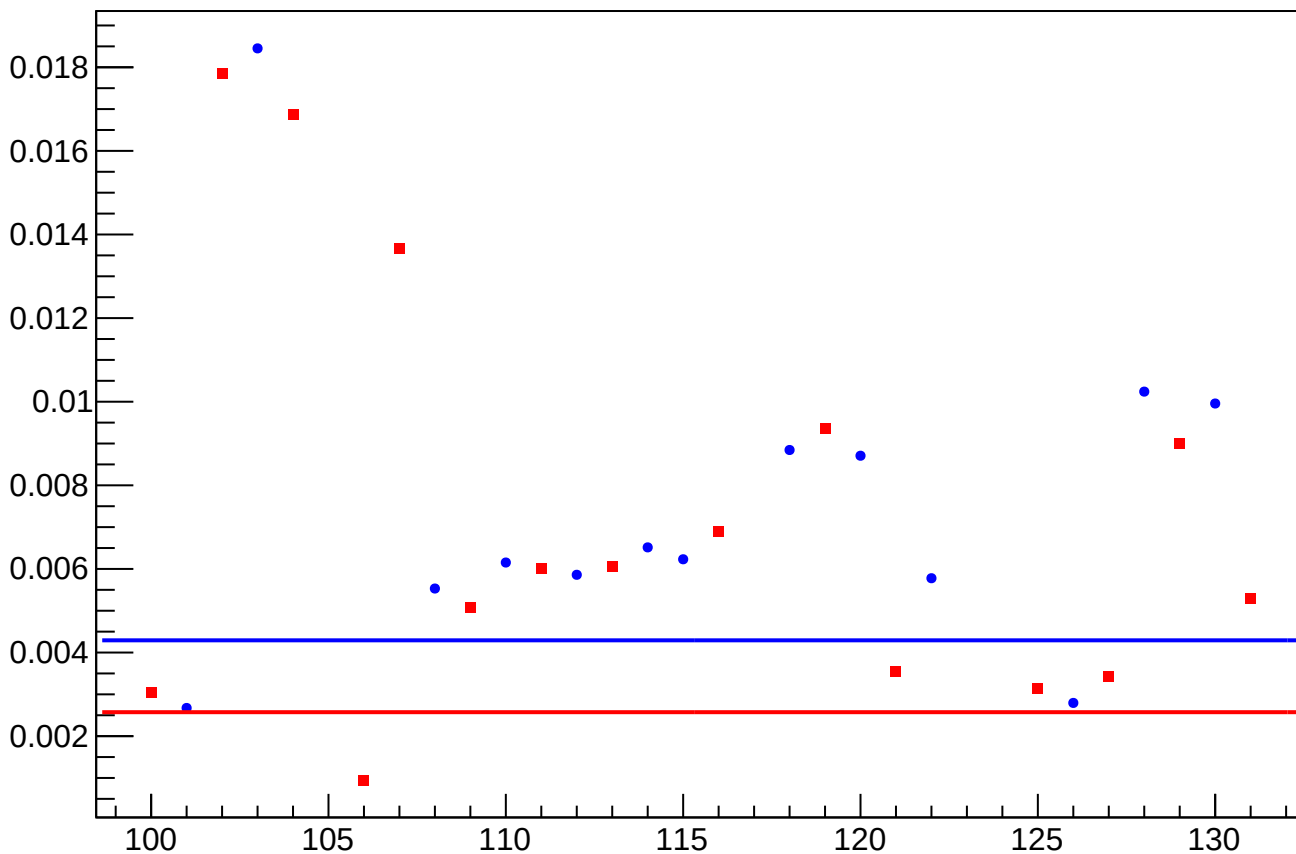
Right: -0.000+/-0.000 χ^2/NDF : 27.4/27

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.4/27

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 : 2793786.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5745731.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

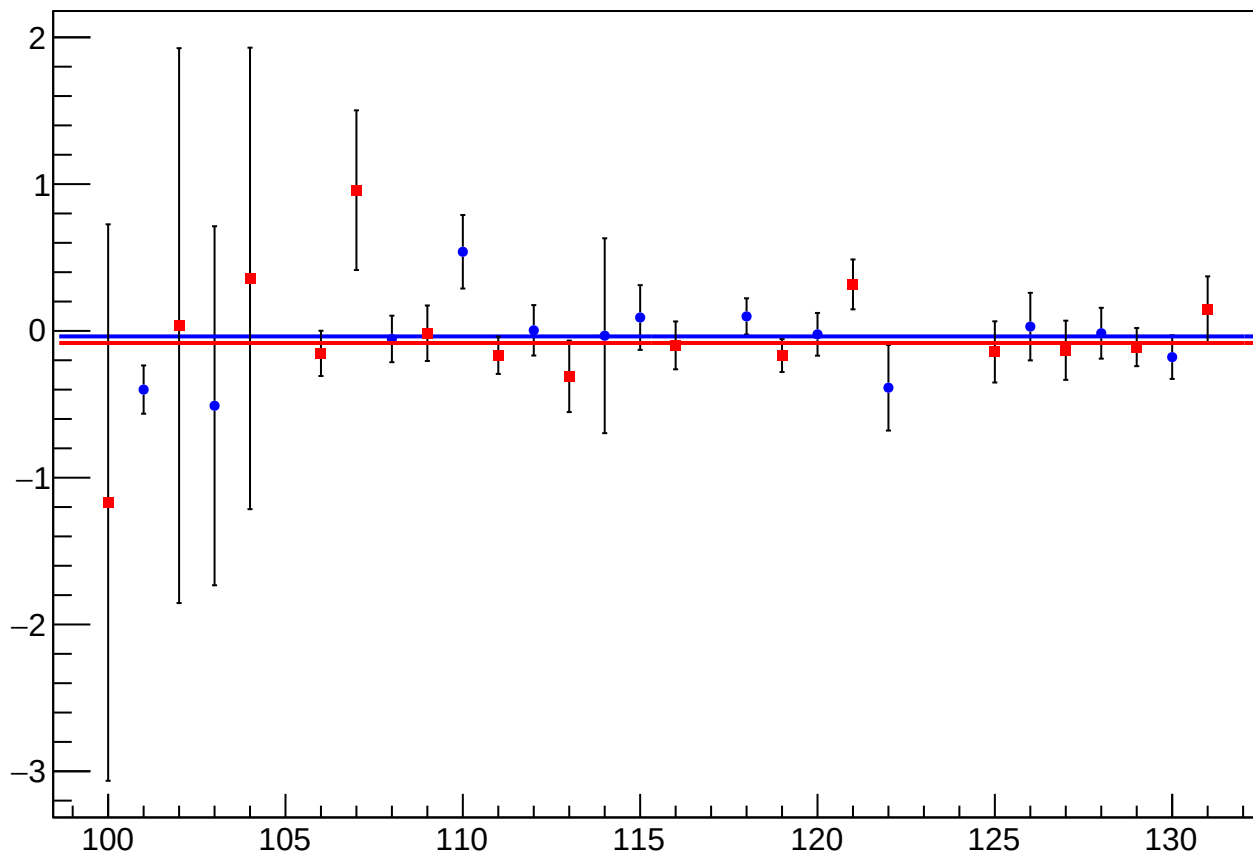
Right: 0.003+/-0.000 χ^2/NDF : 9395666.0/27

In: 0.004+/-0.000 χ^2/NDF :2793786.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9395666.0/27

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.048 χ^2/NDF : 13.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

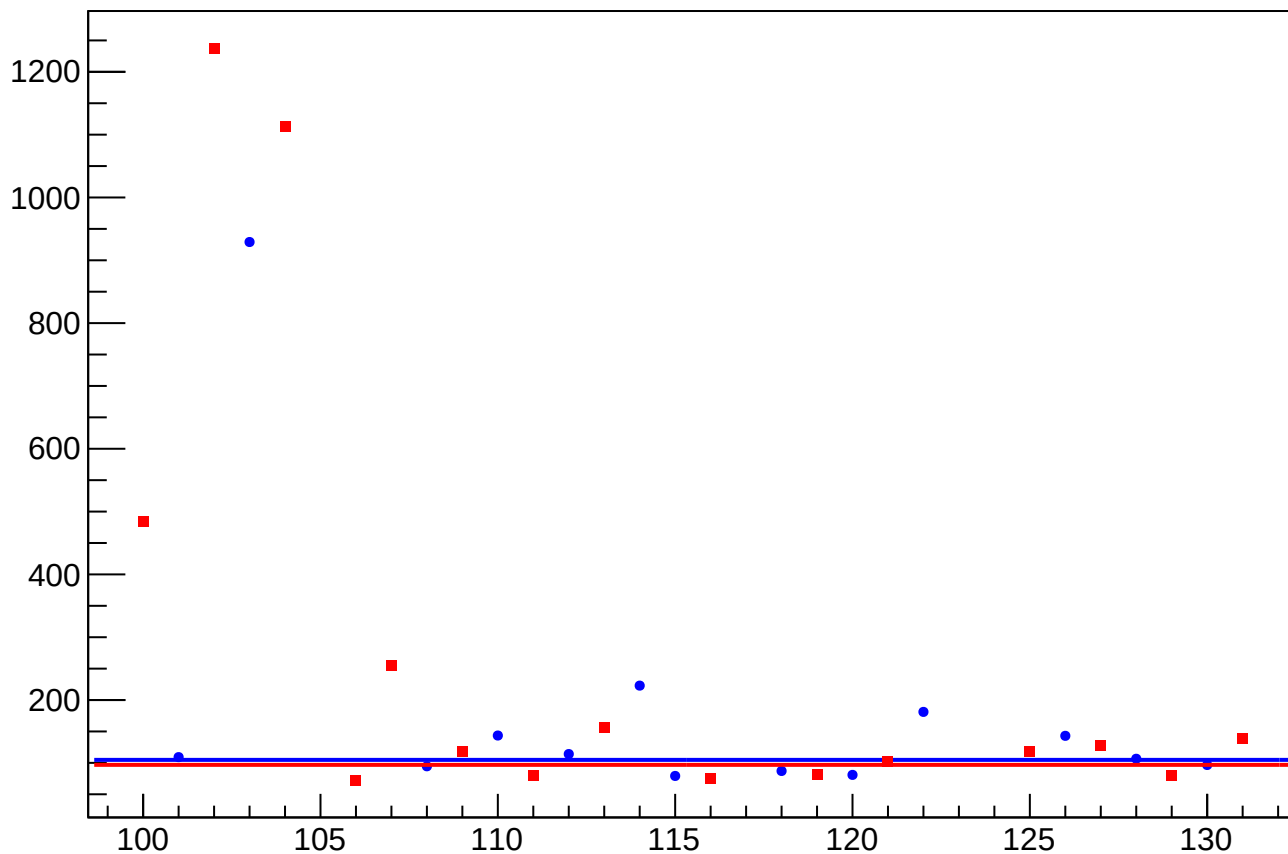
Right: -0.062 ± 0.035 χ^2/NDF : 27.9/27

In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.035 χ^2/NDF : 27.9/27

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.762 $\pm$ 0.037 χ^2 /NDF: 1355543.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.835 $\pm$ 0.034 χ^2 /NDF: 2309895.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

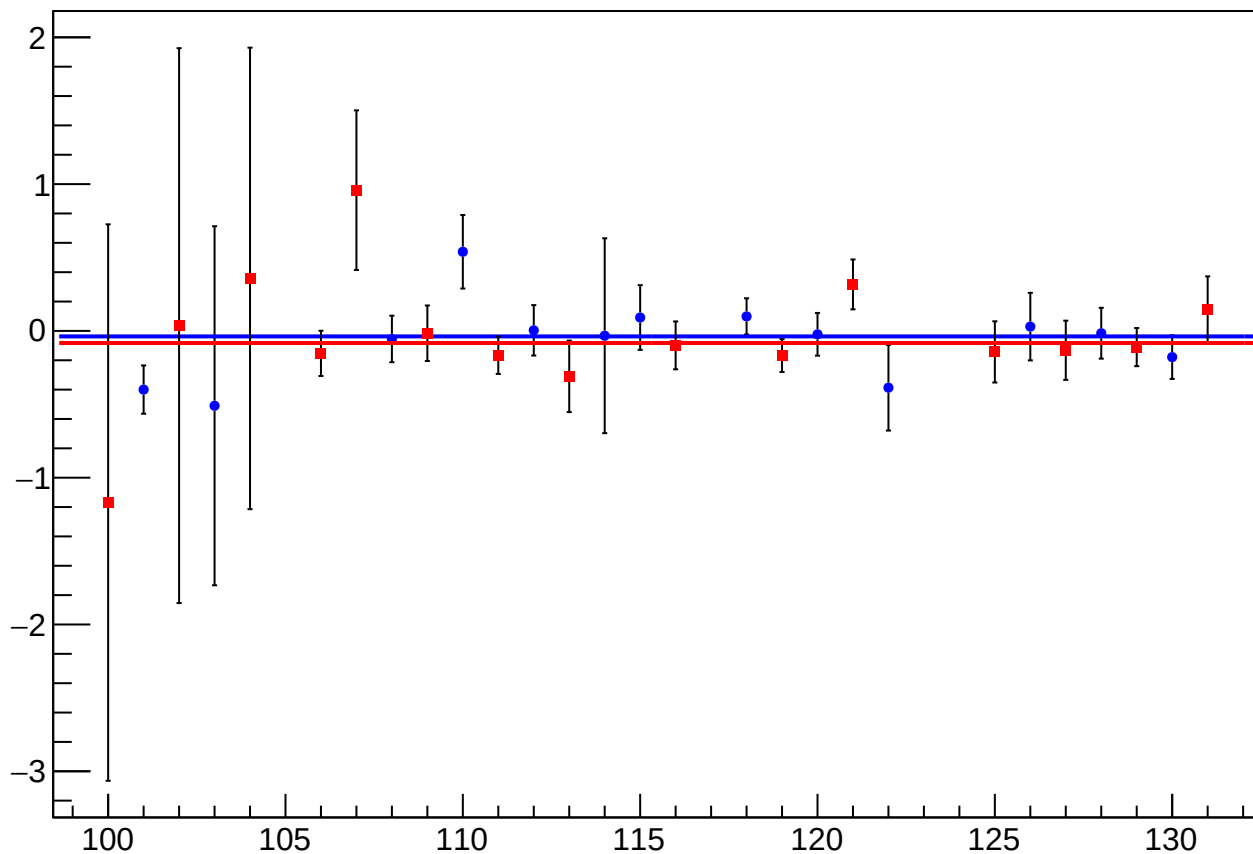
Right: 100.504 $\pm$ 0.025 χ^2 /NDF: 3690566.3/27

In: 104.762 $\pm$ 0.037 χ^2 /NDF:1355543.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.504 $\pm$ 0.025 χ^2 /NDF: 3690566.3/27

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 0.052 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.082 $\pm$ 0.048 χ^2 /NDF: 13.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

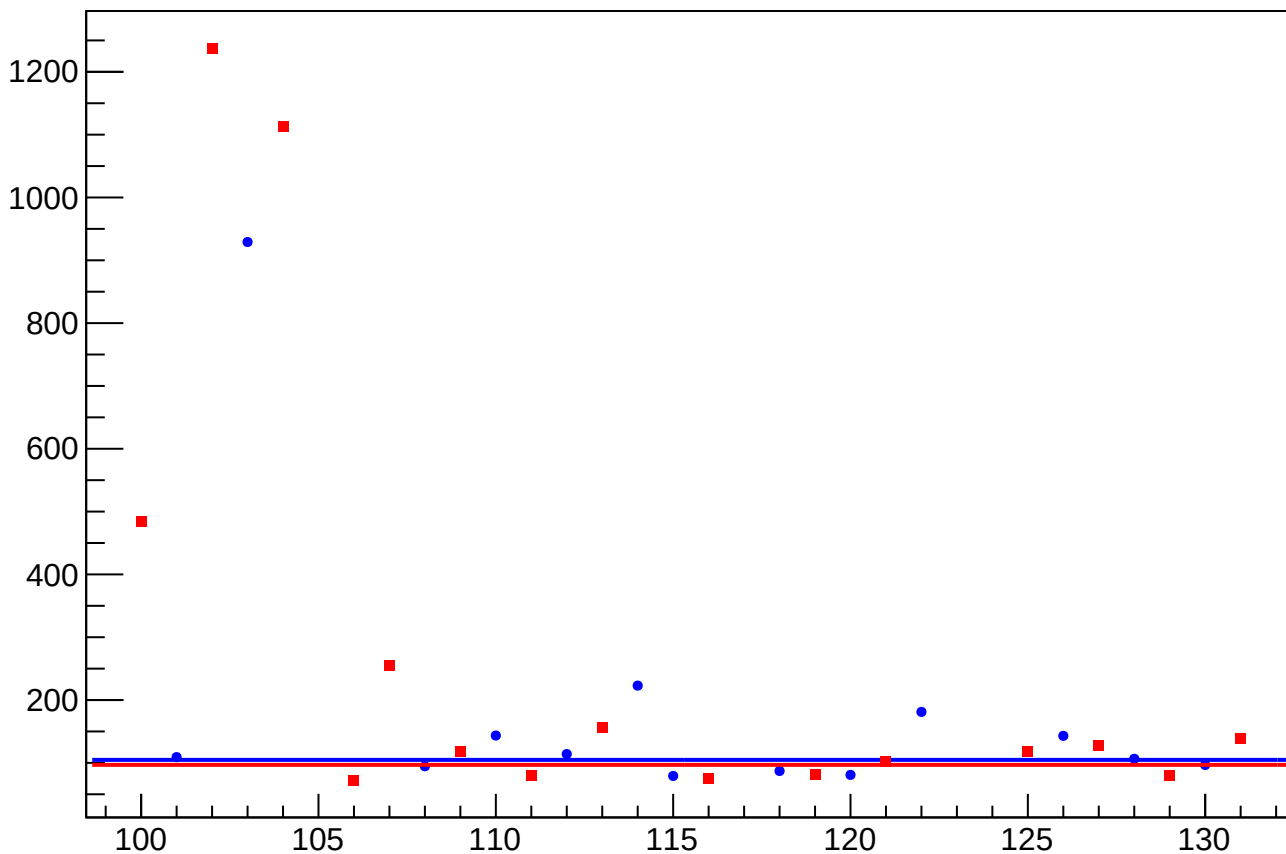
Right: -0.062 $\pm$ 0.035 χ^2 /NDF: 27.9/27

In: -0.037 $\pm$ 0.052 χ^2 /NDF:14.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.062 $\pm$ 0.035 χ^2 /NDF: 27.9/27

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.762+/-0.037 χ^2/NDF : 1355543.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.835+/-0.034 χ^2/NDF : 2309895.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

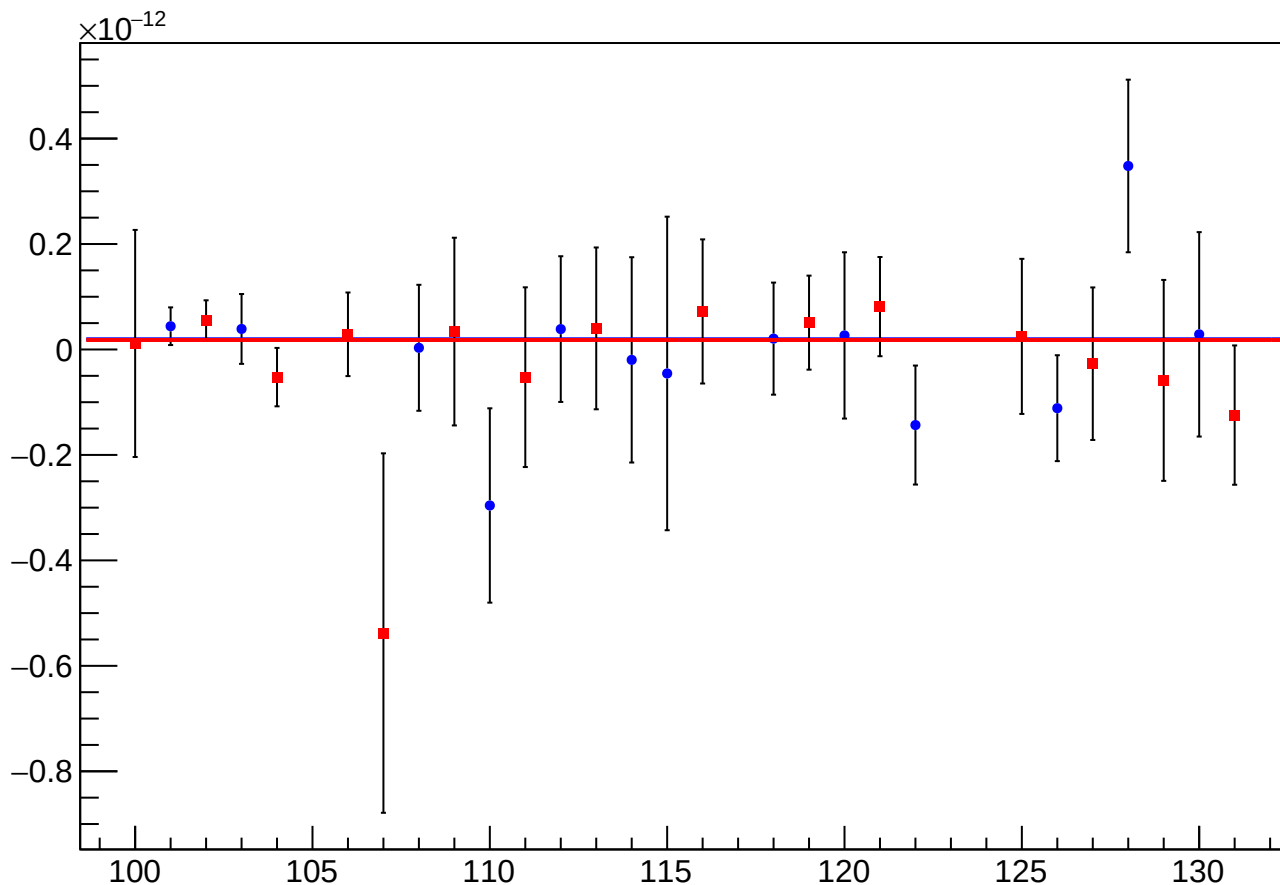
Right: 100.504+/-0.025 χ^2/NDF : 3690566.3/27

In: 104.762+/-0.037 χ^2/NDF : 1355543.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.504+/-0.025 χ^2/NDF : 3690566.3/27

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

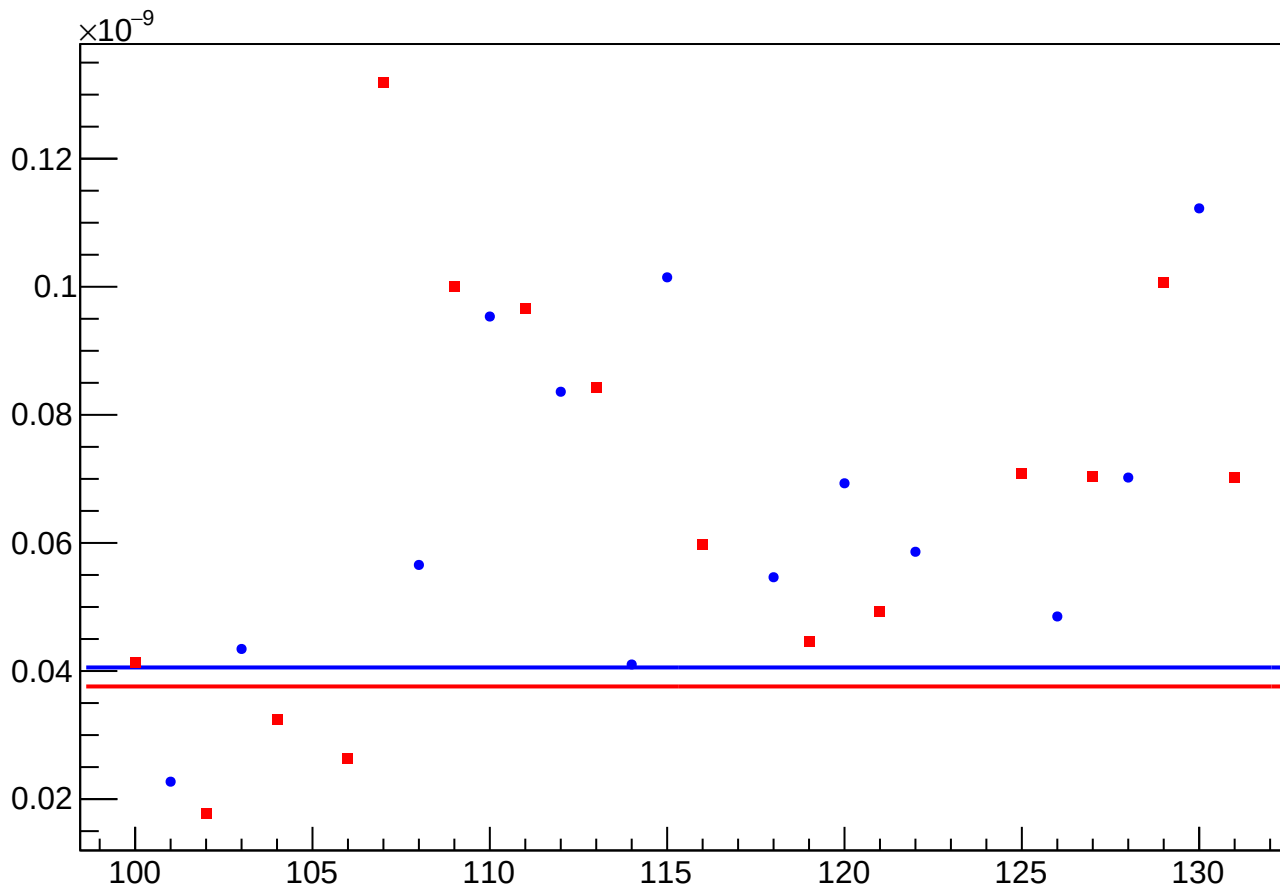
Right: 0.000+/-0.000 χ^2/NDF : 19.0/27

In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.0/27

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 : 1497742.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2061629.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

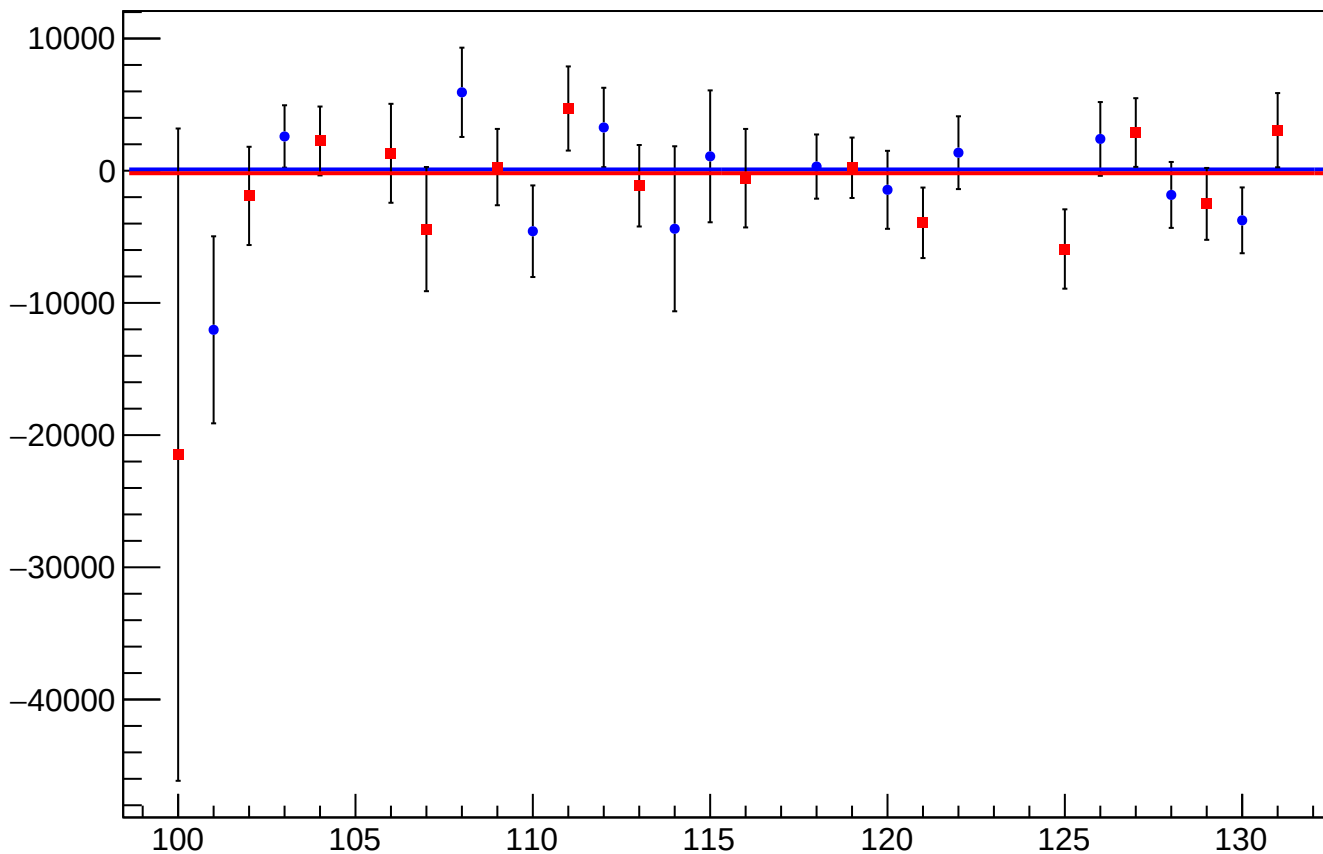
Right: 0.000+/-0.000 χ^2/NDF : 3574070.6/27

In: 0.000+/-0.000 χ^2/NDF : 1497742.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3574070.6/27

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 94.455+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.219+/-793.629 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

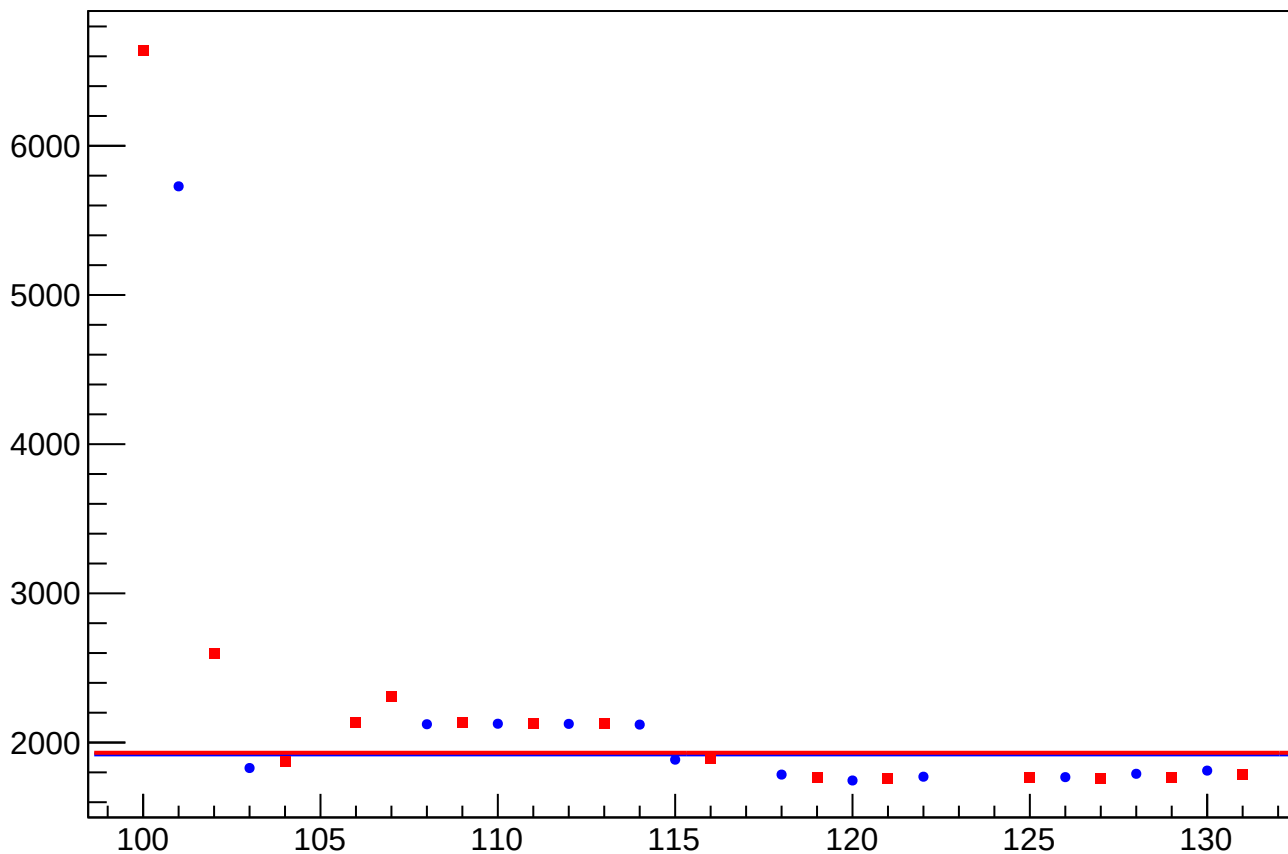
Right: -56.097+/-577.149 χ^2/NDF : 29.2/27

In: 94.455+/-840.839 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.097+/-577.149 χ^2/NDF : 29.2/27

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1931.448+/-0.561 χ^2/NDF : 229169.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

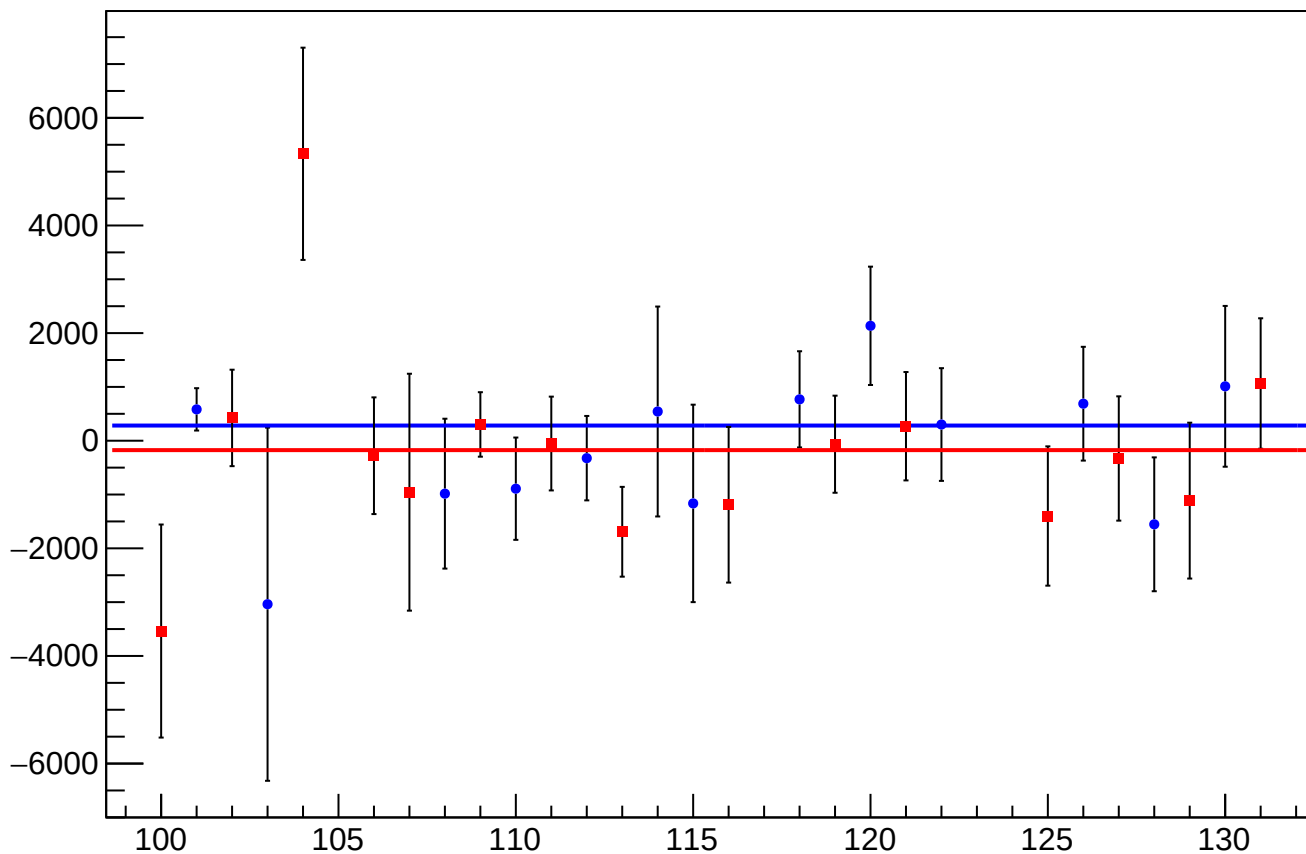
Right: 1926.345+/-0.408 χ^2/NDF : 871822.1/27

In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1926.345+/-0.408 χ^2/NDF : 871822.1/27

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 281.925+/-255.335 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.813+/-271.679 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

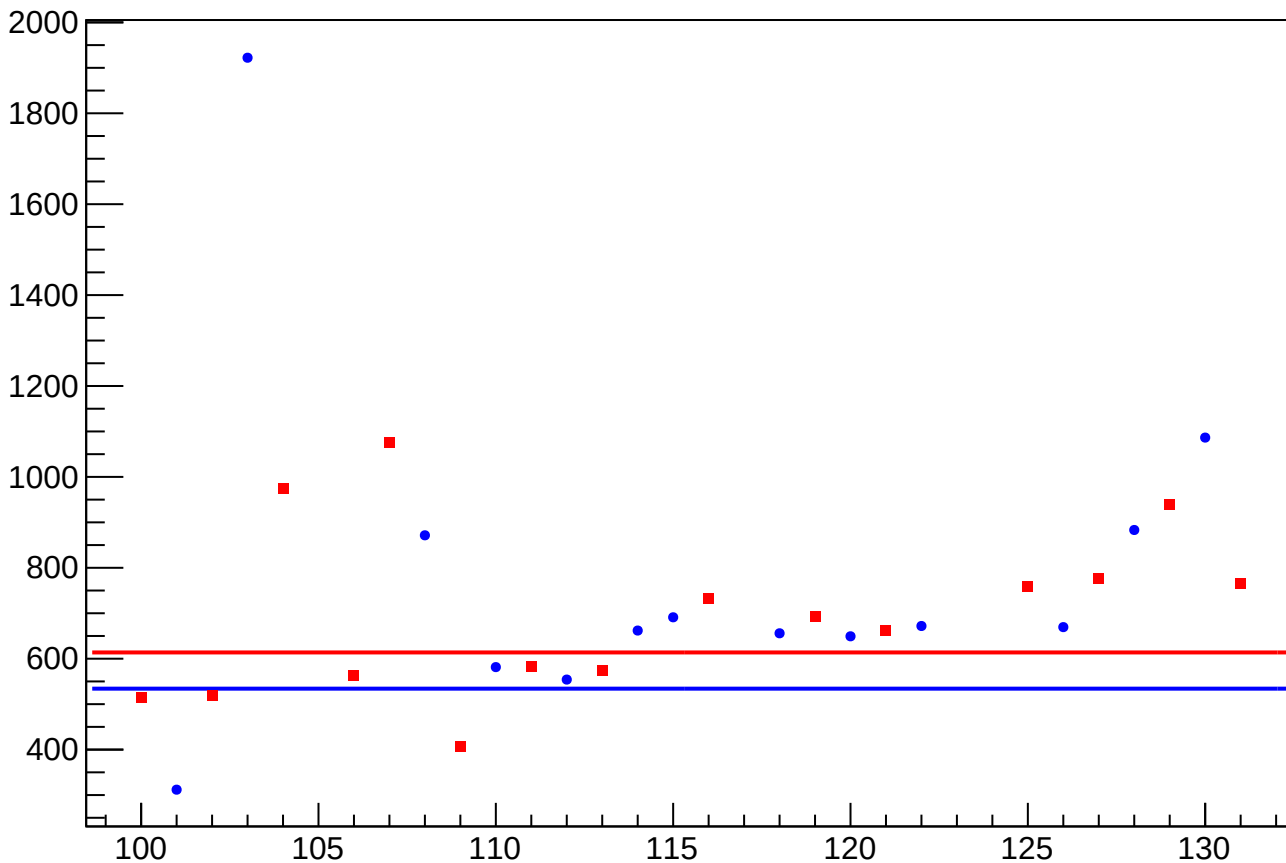
Right: 67.707+/-186.059 χ^2/NDF : 30.7/27

In: 281.925+/-255.335 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.707+/-186.059 χ^2/NDF : 30.7/27

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 534.105+/-0.181 χ^2/NDF : 1700197.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.778+/-0.192 χ^2/NDF : 662456.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

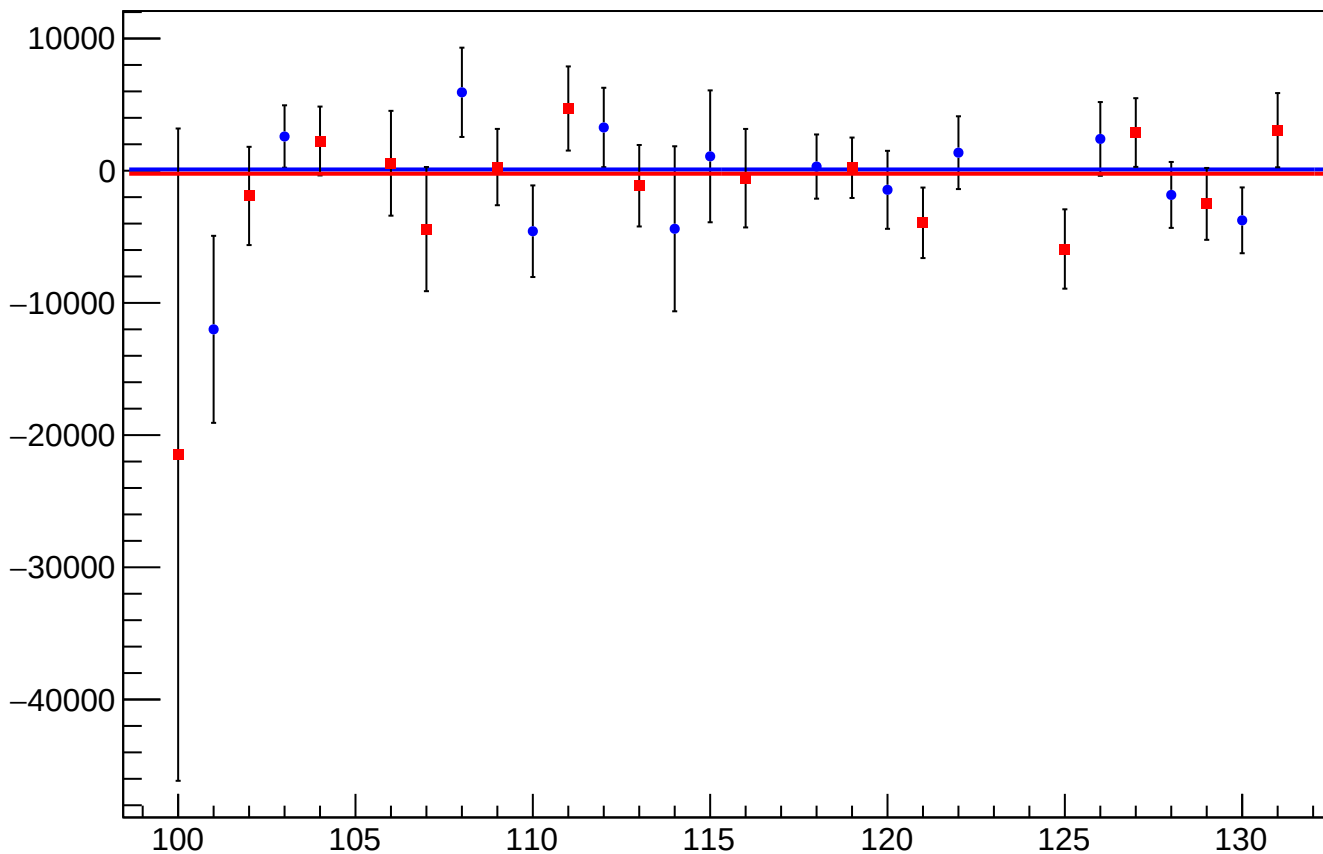
Right: 571.473+/-0.132 χ^2/NDF : 2453984.2/27

In: 534.105+/-0.181 χ^2/NDF : 1700197.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.473+/-0.132 χ^2/NDF : 2453984.2/27

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.318+/-795.580 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

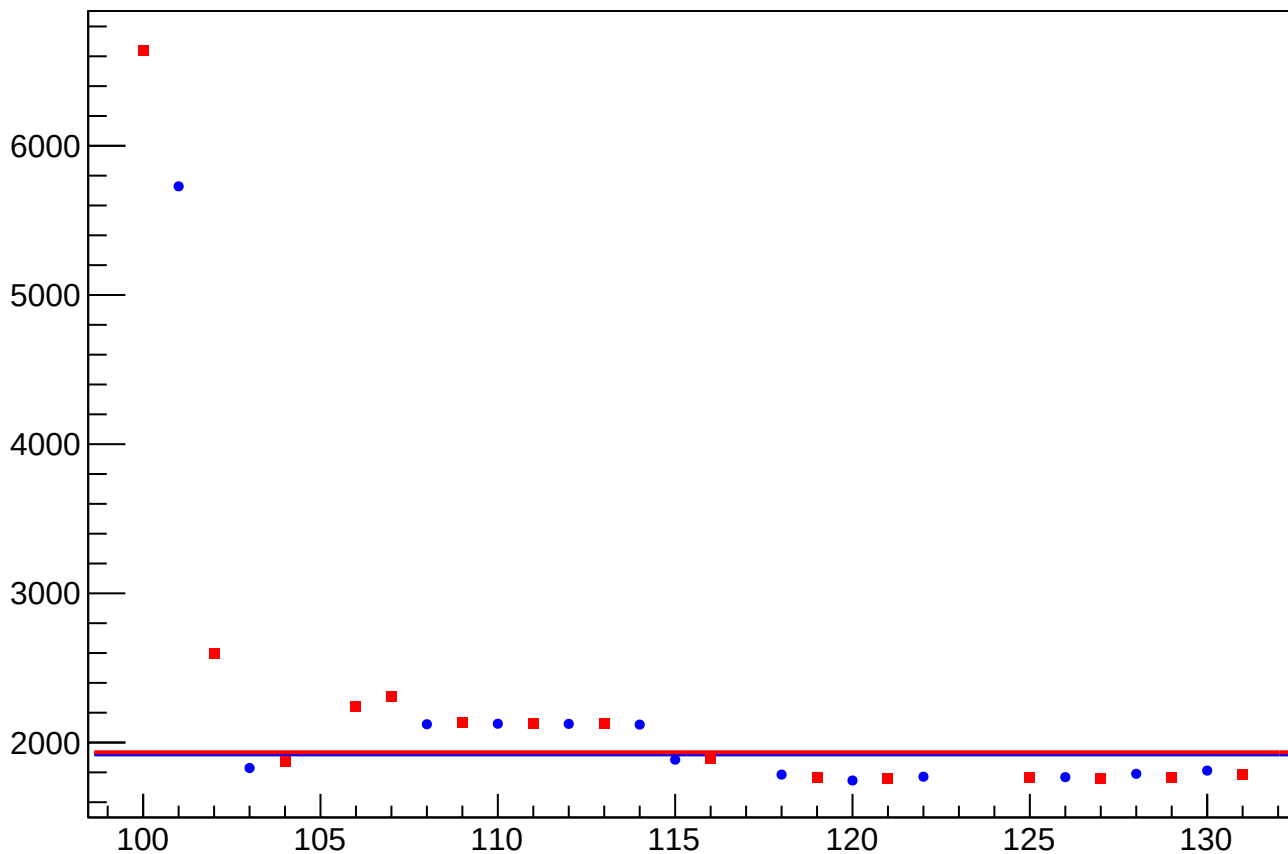
Right: -75.753+/-577.898 χ^2/NDF : 29.1/27

In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.753+/-577.898 χ^2/NDF : 29.1/27

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.671+/-0.563 χ^2/NDF : 235371.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

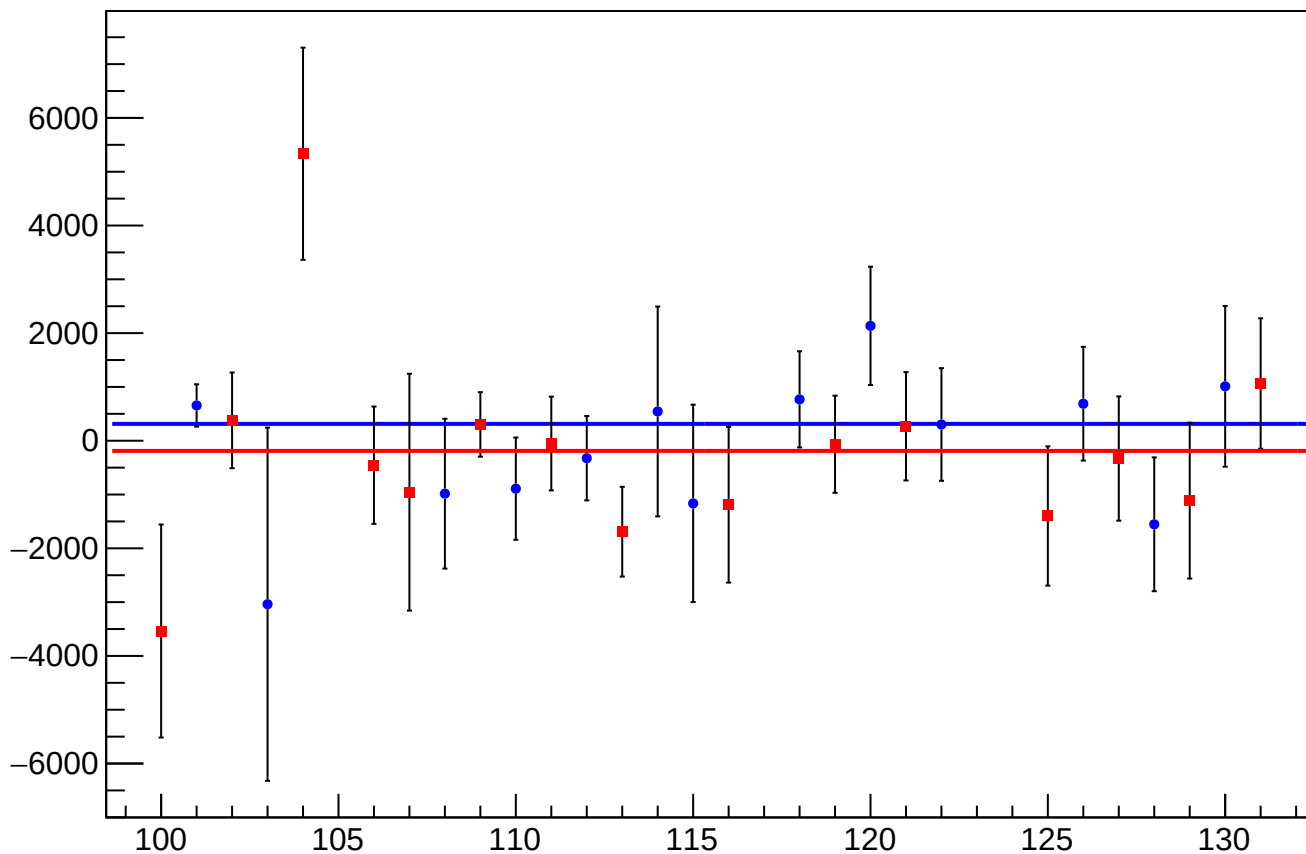
Right: 1928.032+/-0.409 χ^2/NDF : 878143.7/27

In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.032+/-0.409 χ^2/NDF : 878143.7/27

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.883+/-271.593 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

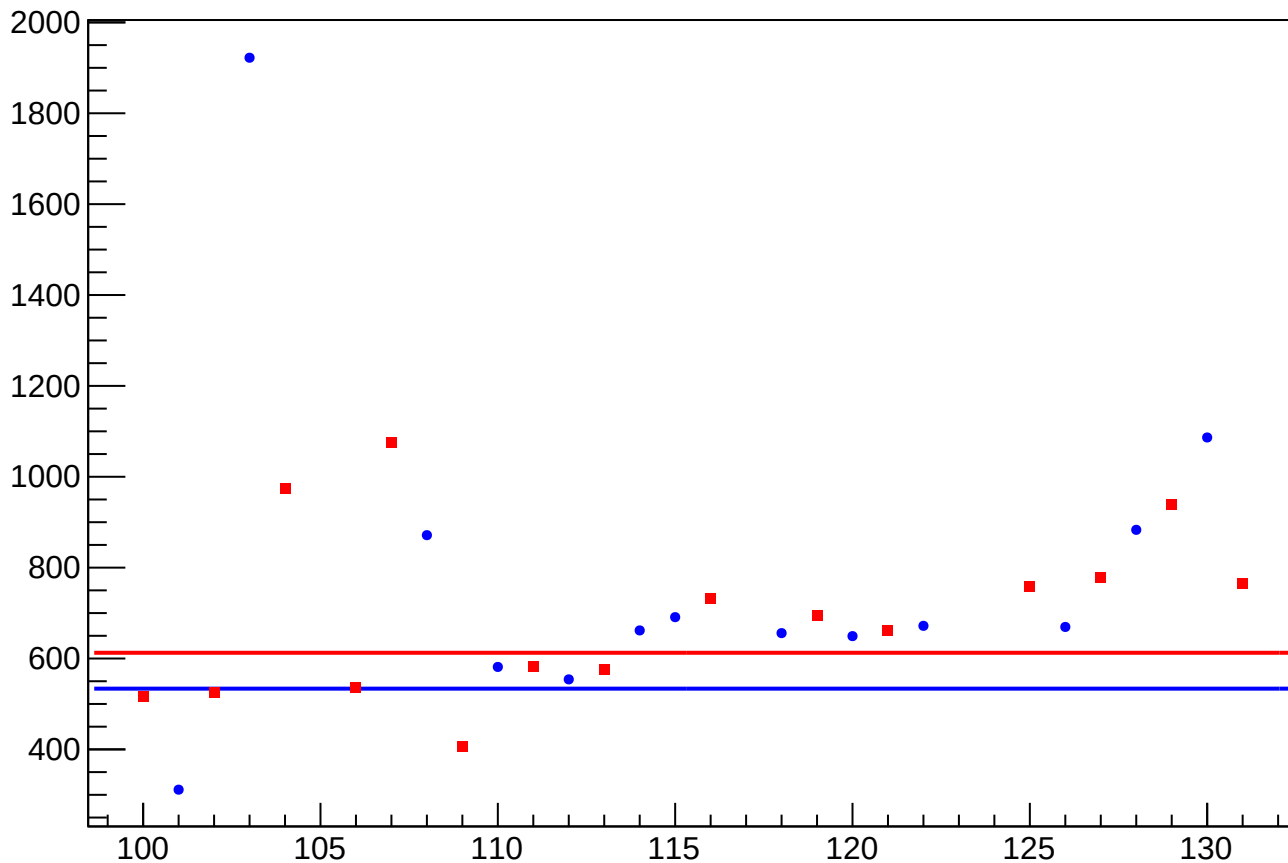
Right: 77.790+/-185.985 χ^2/NDF : 31.3/27

In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.790+/-185.985 χ^2/NDF : 31.3/27

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.640+/-0.192 χ^2/NDF : 665270.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

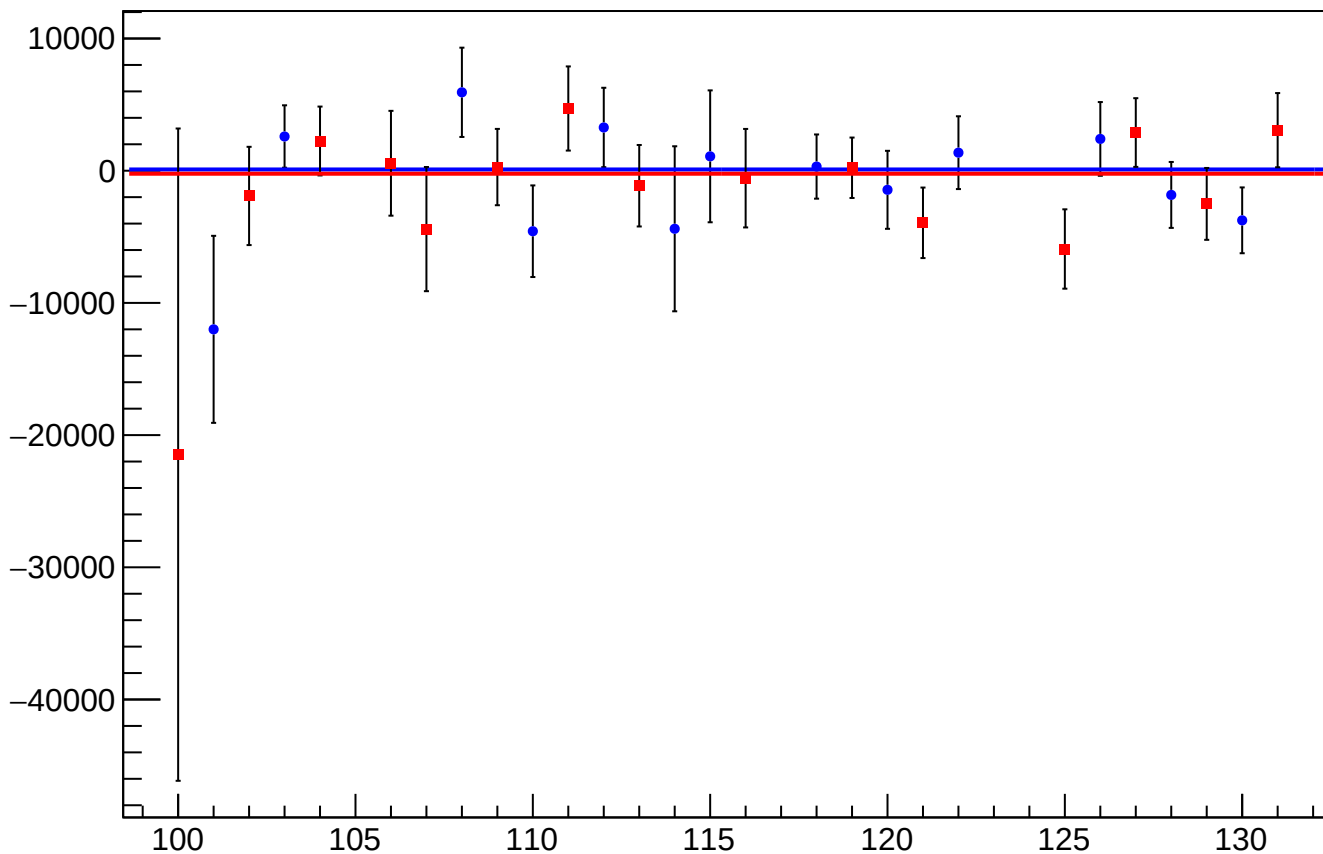
Right: 570.709+/-0.132 χ^2/NDF : 2459441.4/27

In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.709+/-0.132 χ^2/NDF : 2459441.4/27

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.318+/-795.580 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

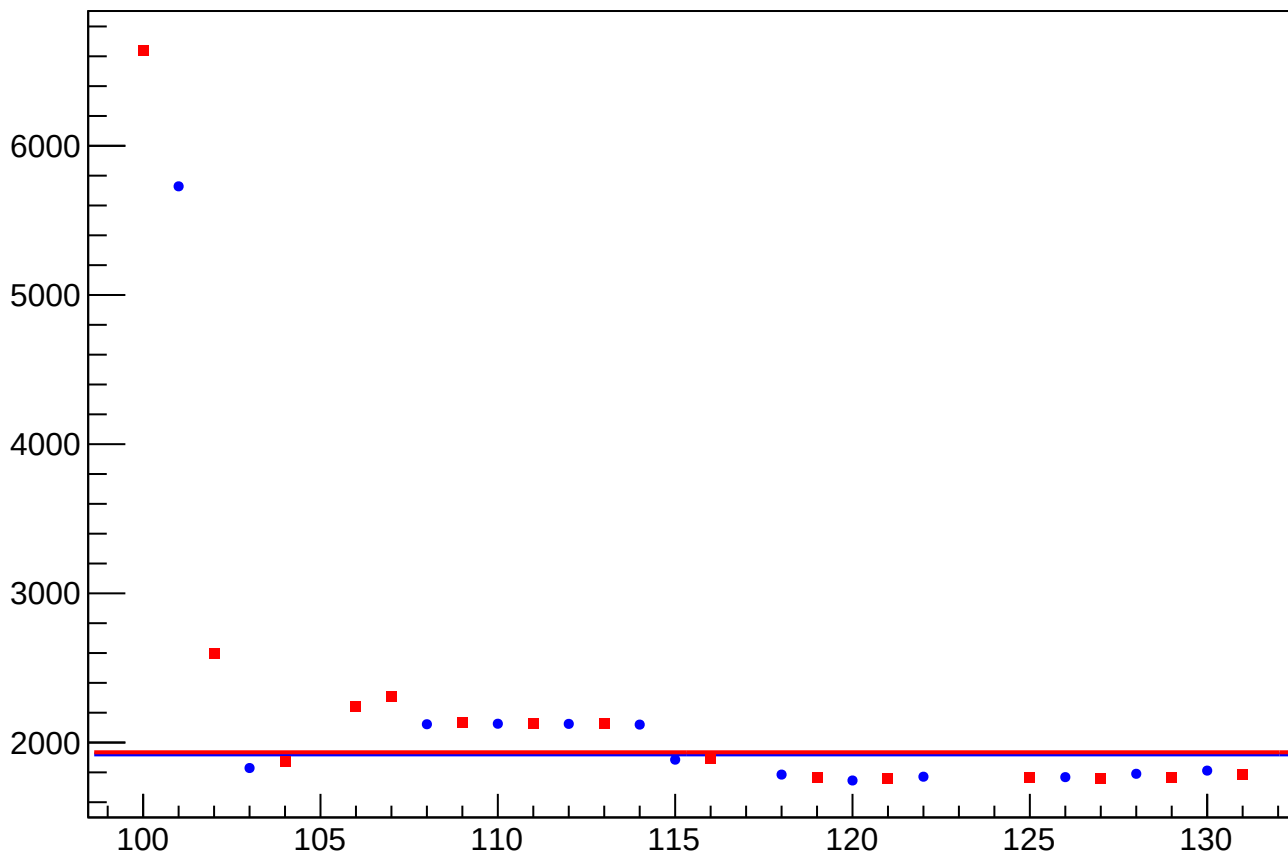
Right: -75.753+/-577.898 χ^2/NDF : 29.1/27

In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.753+/-577.898 χ^2/NDF : 29.1/27

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.671+/-0.563 χ^2/NDF : 235371.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

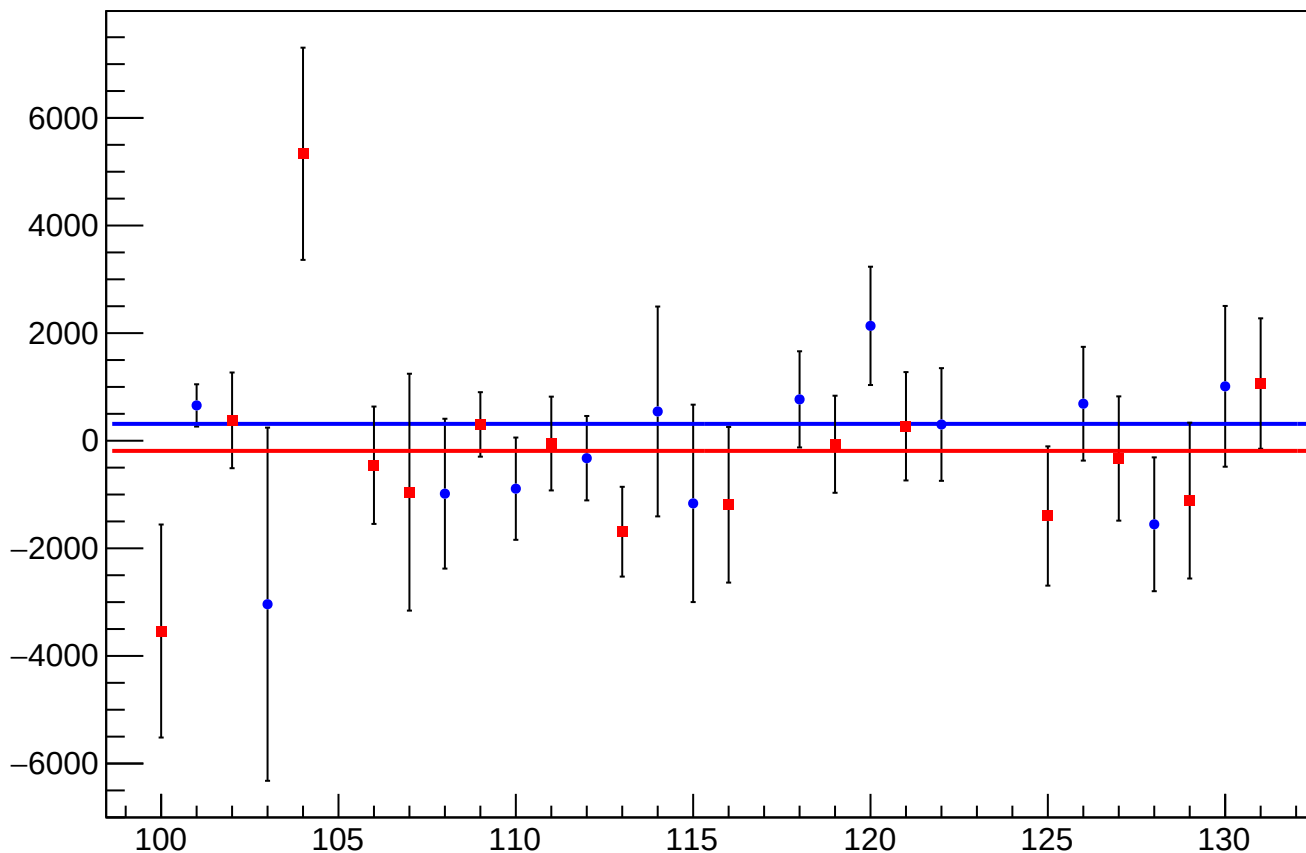
Right: 1928.032+/-0.409 χ^2/NDF : 878143.7/27

In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.032+/-0.409 χ^2/NDF : 878143.7/27

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.883+/-271.593 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

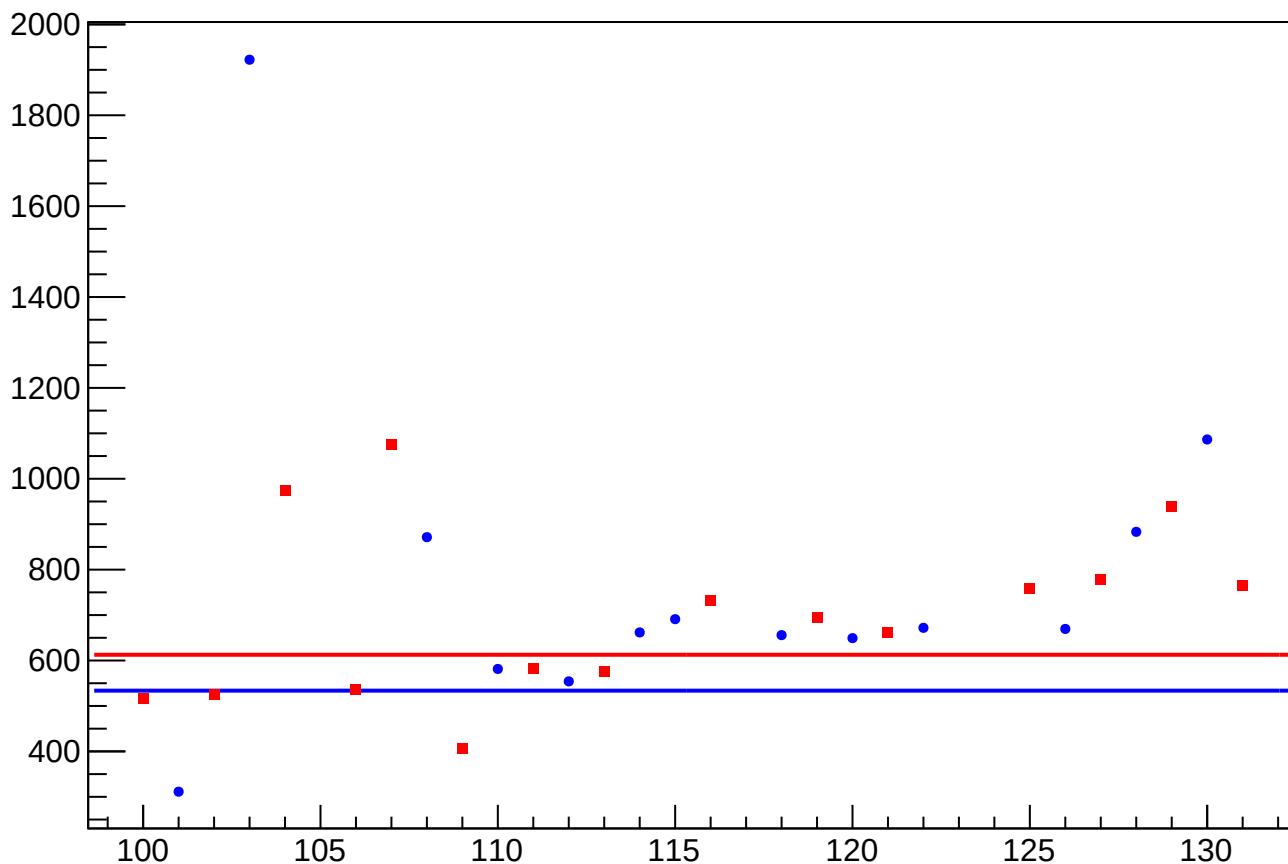
Right: 77.790+/-185.985 χ^2/NDF : 31.3/27

In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.790+/-185.985 χ^2/NDF : 31.3/27

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.640+/-0.192 χ^2/NDF : 665270.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

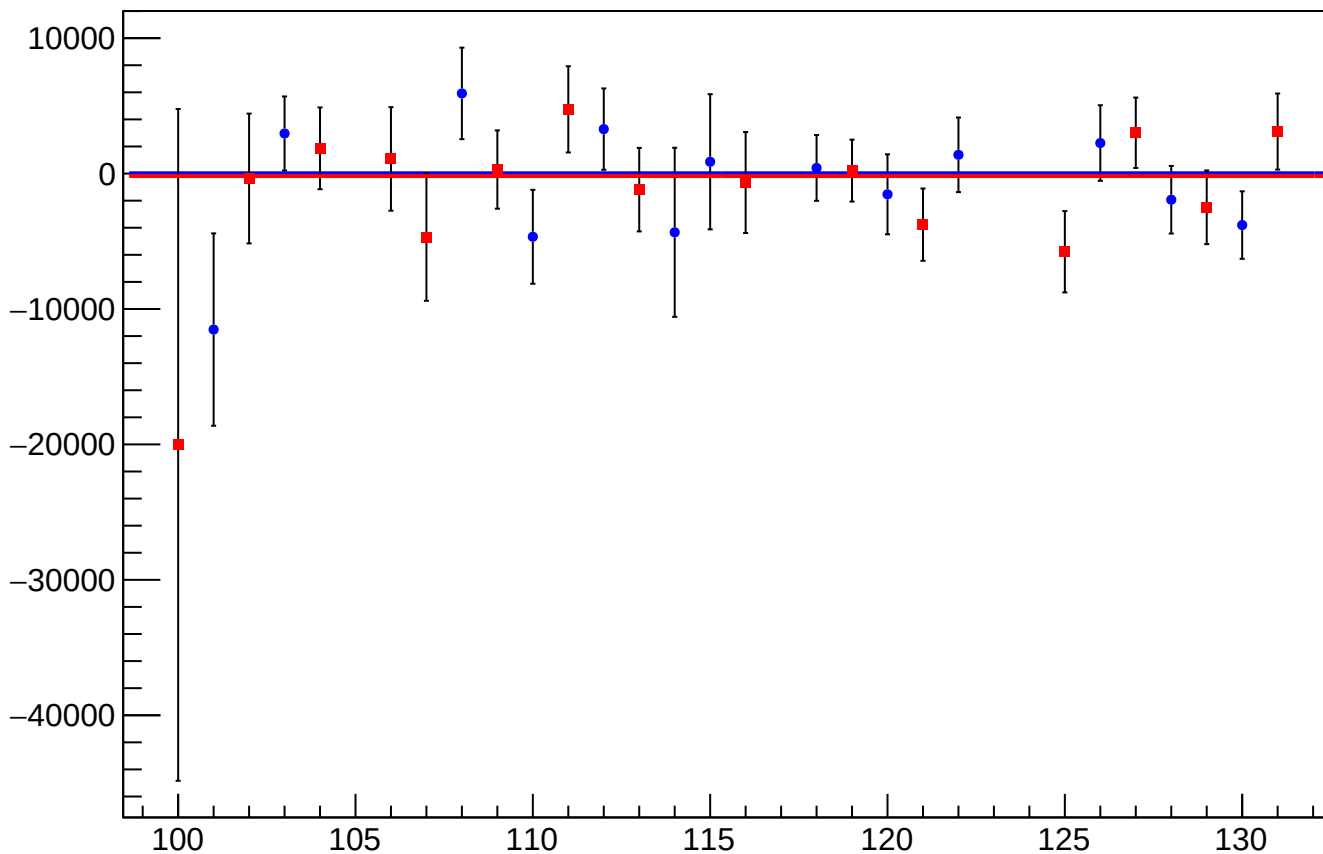
Right: 570.709+/-0.132 χ^2/NDF : 2459441.4/27

In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.709+/-0.132 χ^2/NDF : 2459441.4/27

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 21.287+/-855.407 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -181.975+/-812.159 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

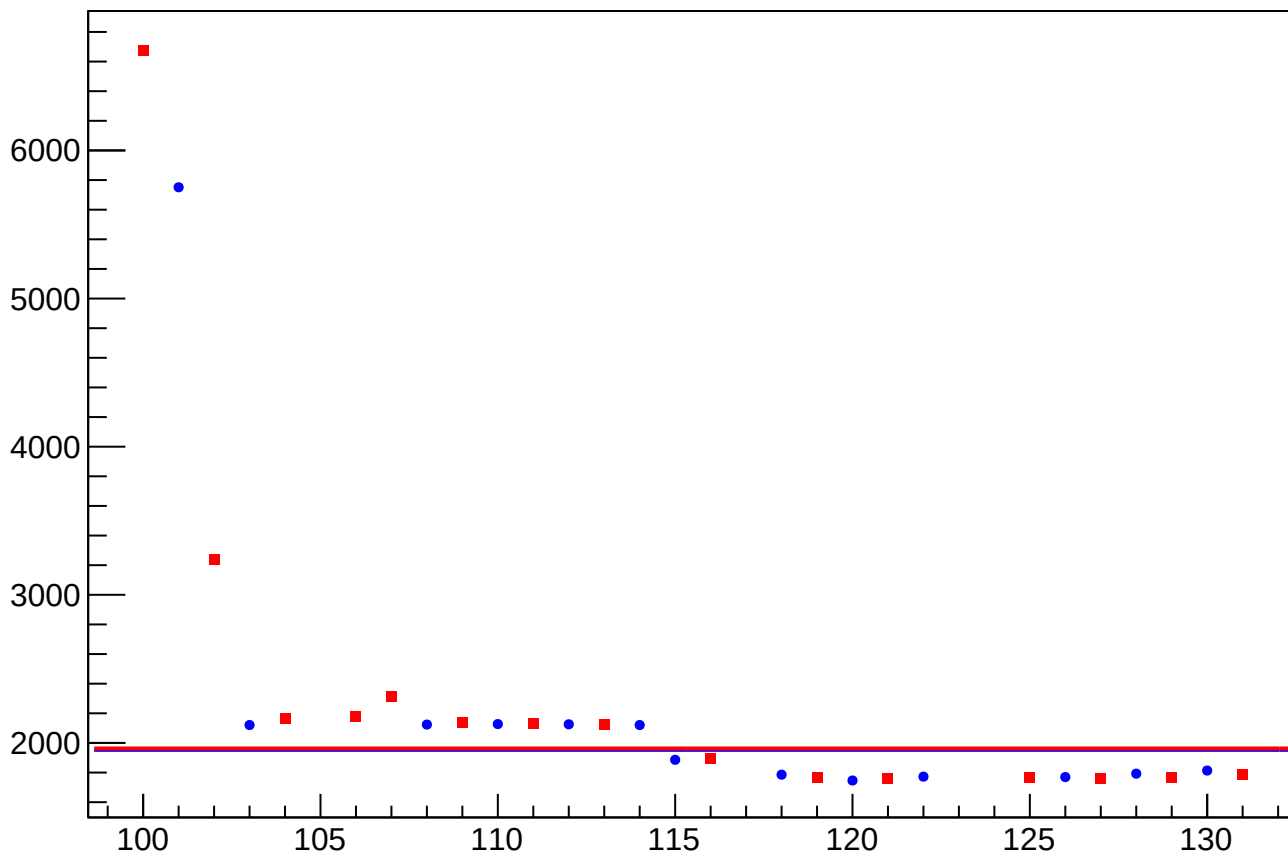
Right: -85.612+/-588.979 χ^2/NDF : 28.1/27

In: 21.287+/-855.407 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.612+/-588.979 χ^2/NDF : 28.1/27

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1953.290+/-0.605 χ^2/NDF : 649011.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.475+/-0.574 χ^2/NDF : 324103.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

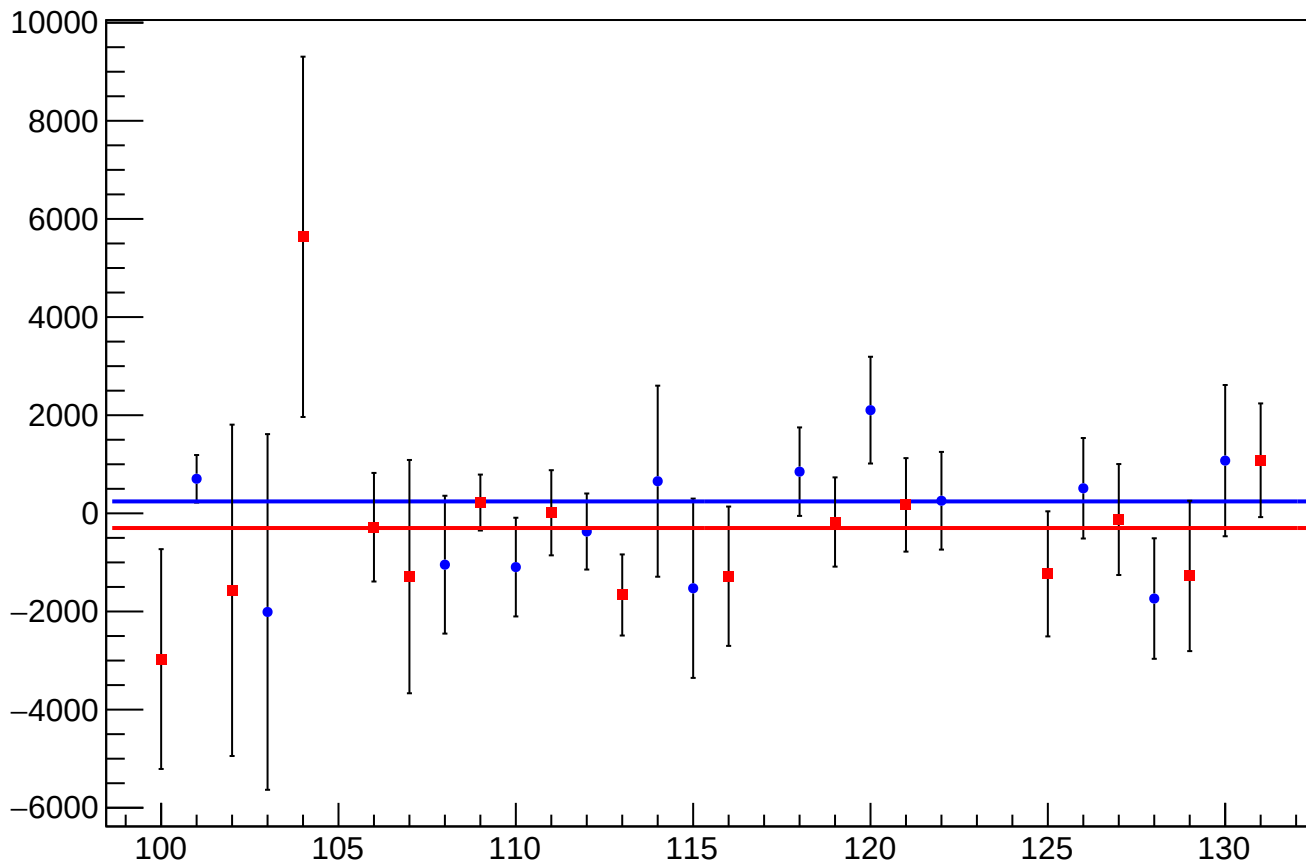
Right: 1958.120+/-0.416 χ^2/NDF : 973236.4/27

In: 1953.290+/-0.605 χ^2/NDF : 649011.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.120+/-0.416 χ^2/NDF : 973236.4/27

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.218+/-275.394 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.982+/-281.722 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

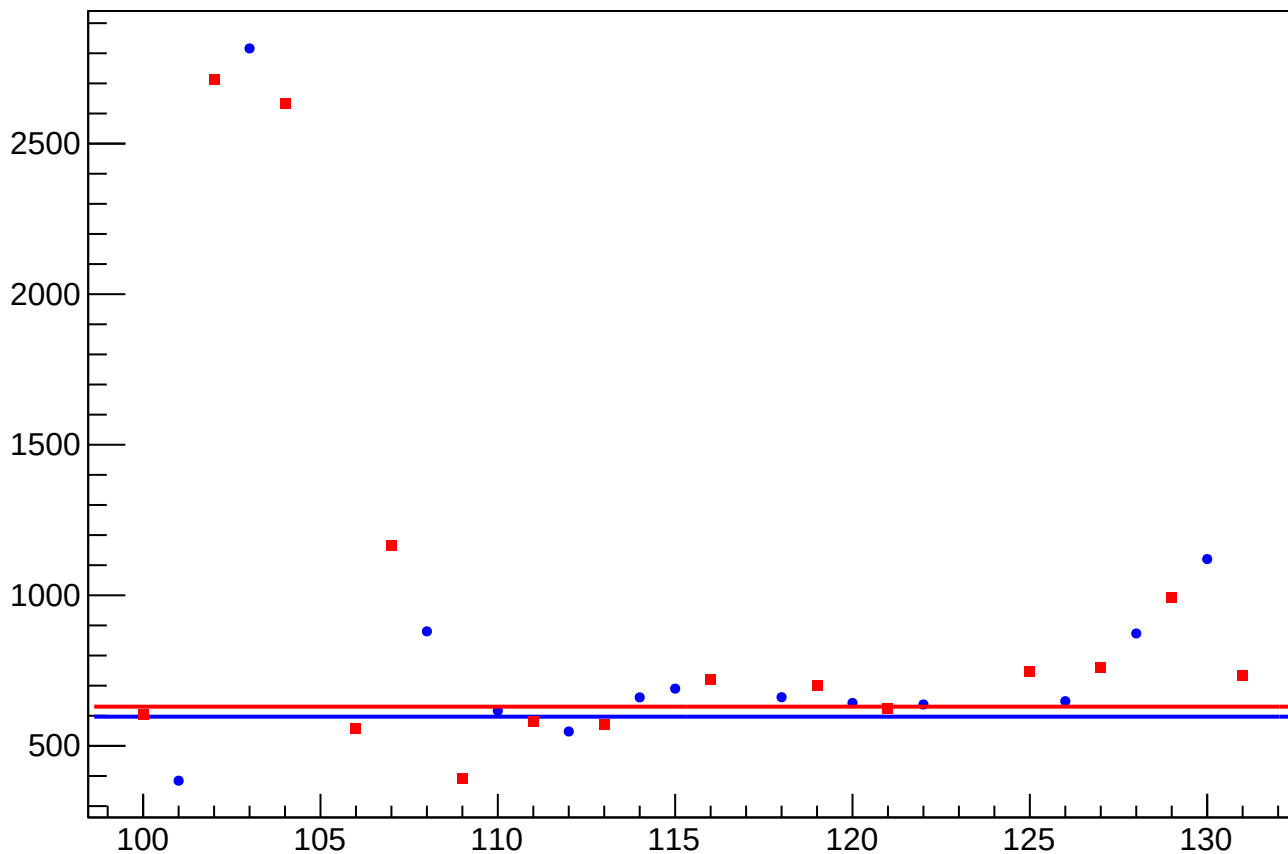
Right: -21.723+/-196.932 χ^2/NDF : 24.9/27

In: 243.218+/-275.394 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.723+/-196.932 χ^2/NDF : 24.9/27

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 596.957+/-0.195 χ^2/NDF : 1586705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.241+/-0.199 χ^2/NDF : 2027717.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

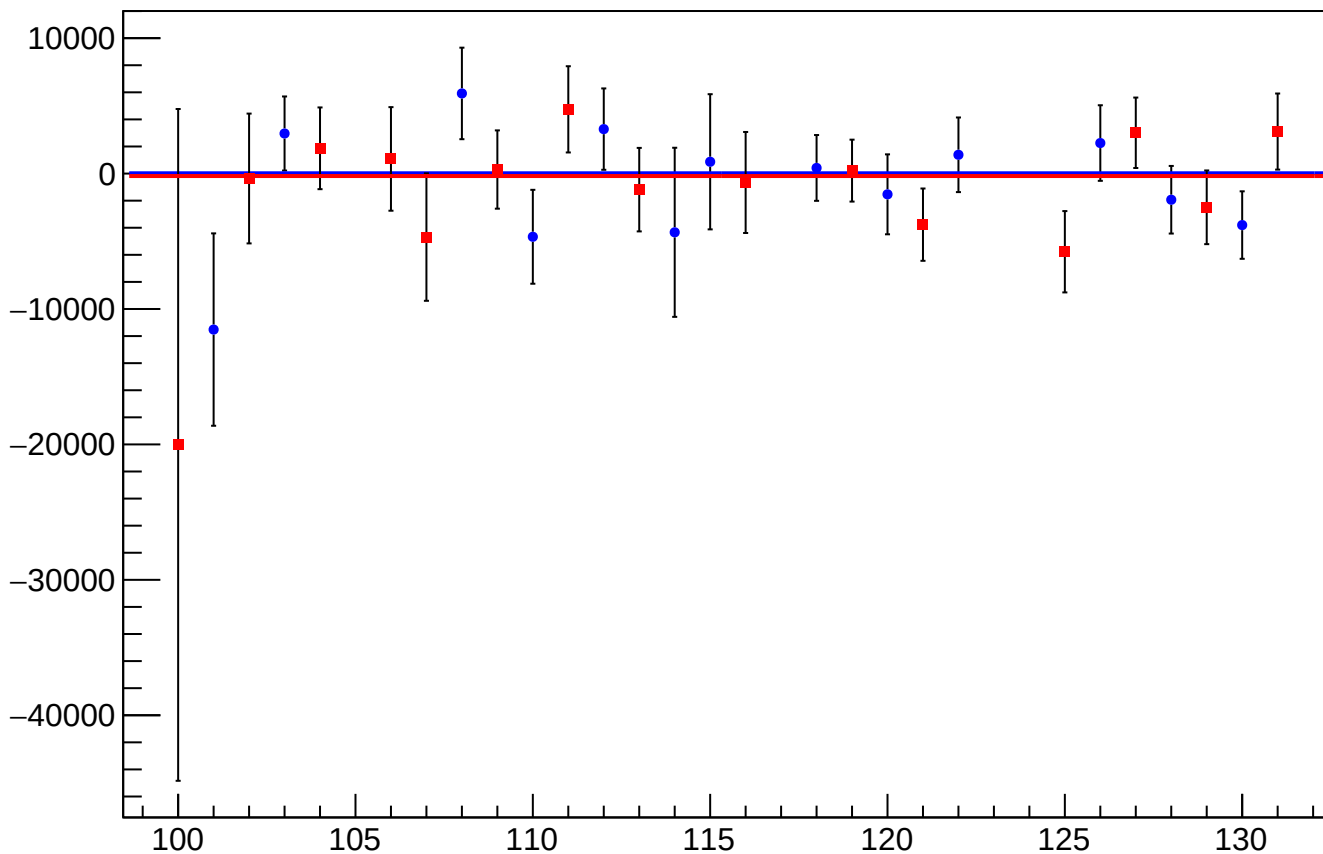
Right: 613.221+/-0.139 χ^2/NDF : 3628698.4/27

In: 596.957+/-0.195 χ^2/NDF : 1586705.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.221+/-0.139 χ^2/NDF : 3628698.4/27

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 21.291+/-855.407 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -181.973+/-812.159 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

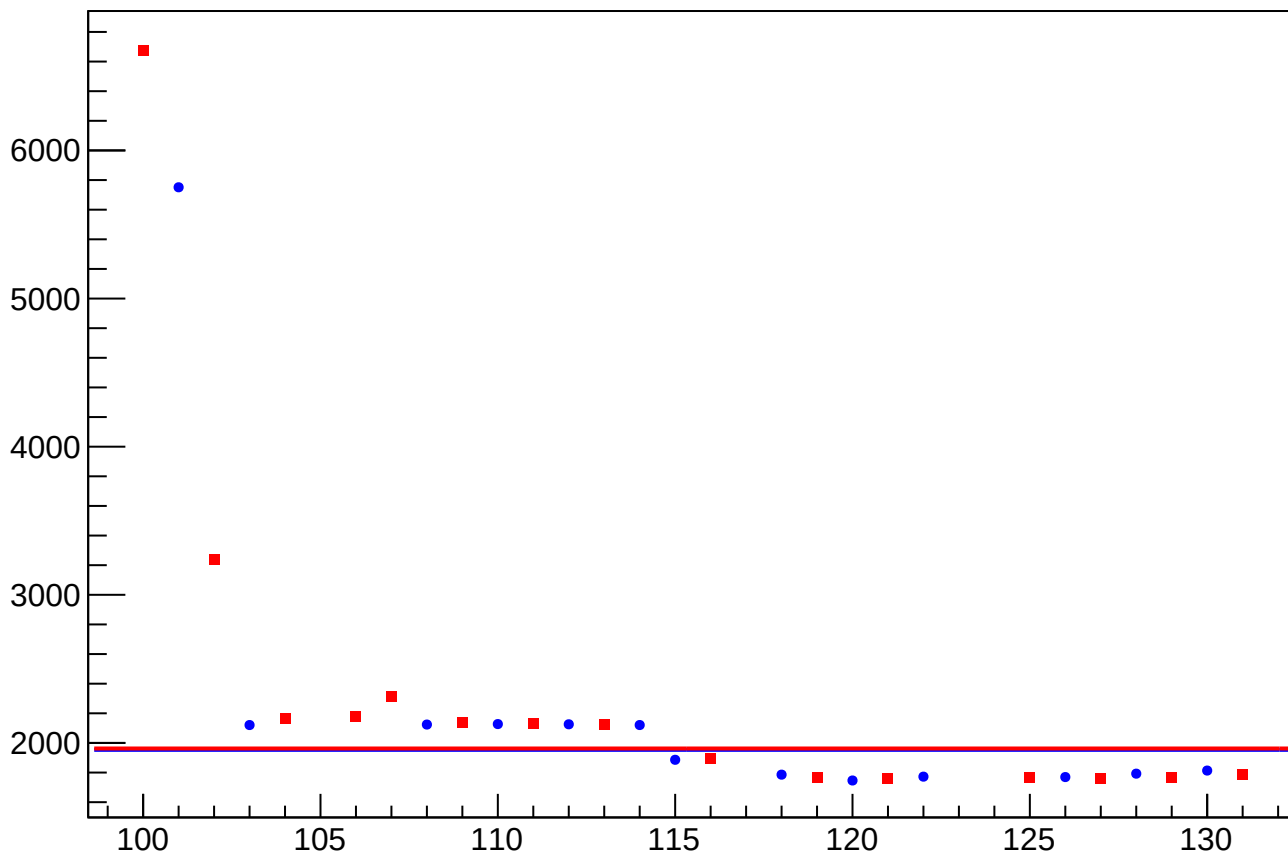
Right: -85.609+/-588.979 χ^2/NDF : 28.1/27

In: 21.291+/-855.407 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.609+/-588.979 χ^2/NDF : 28.1/27

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1953.290+/-0.605 χ^2/NDF : 649011.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.474+/-0.574 χ^2/NDF : 324102.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

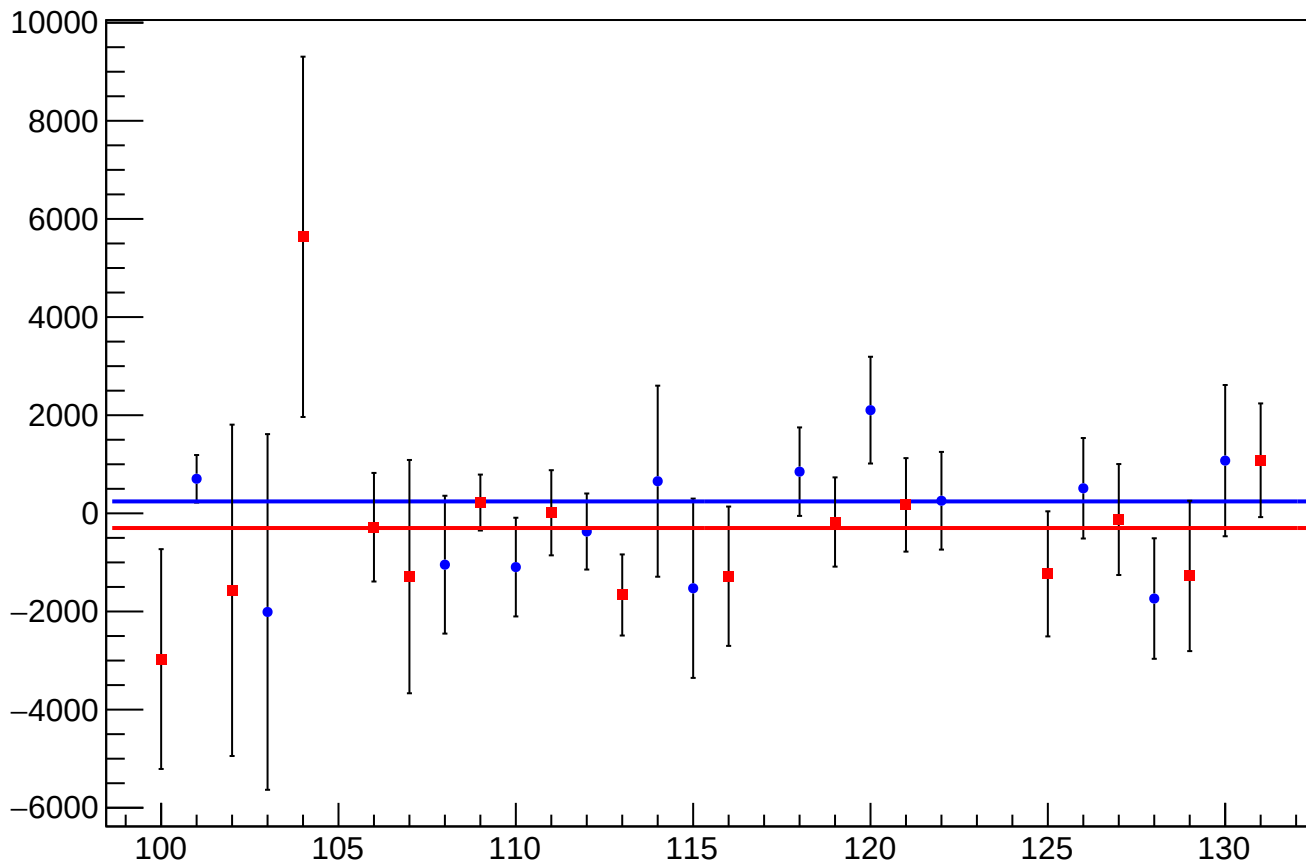
Right: 1958.120+/-0.416 χ^2/NDF : 973235.5/27

In: 1953.290+/-0.605 χ^2/NDF : 649011.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.120+/-0.416 χ^2/NDF : 973235.5/27

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.217+/-275.393 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.978+/-281.721 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

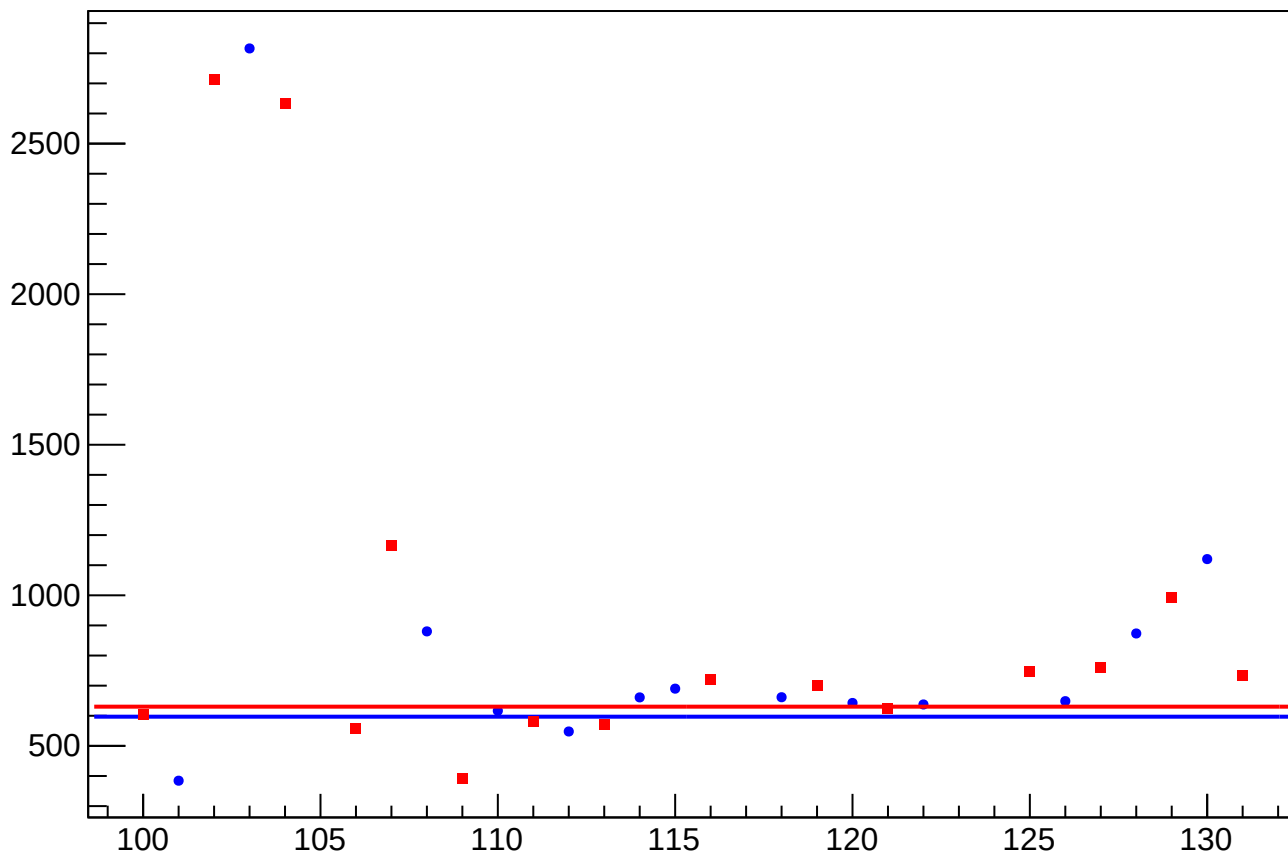
Right: -21.723+/-196.931 χ^2/NDF : 24.9/27

In: 243.217+/-275.393 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.723+/-196.931 χ^2/NDF : 24.9/27

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 596.955+/-0.195 χ^2/NDF : 1586692.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.236+/-0.199 χ^2/NDF : 2027735.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

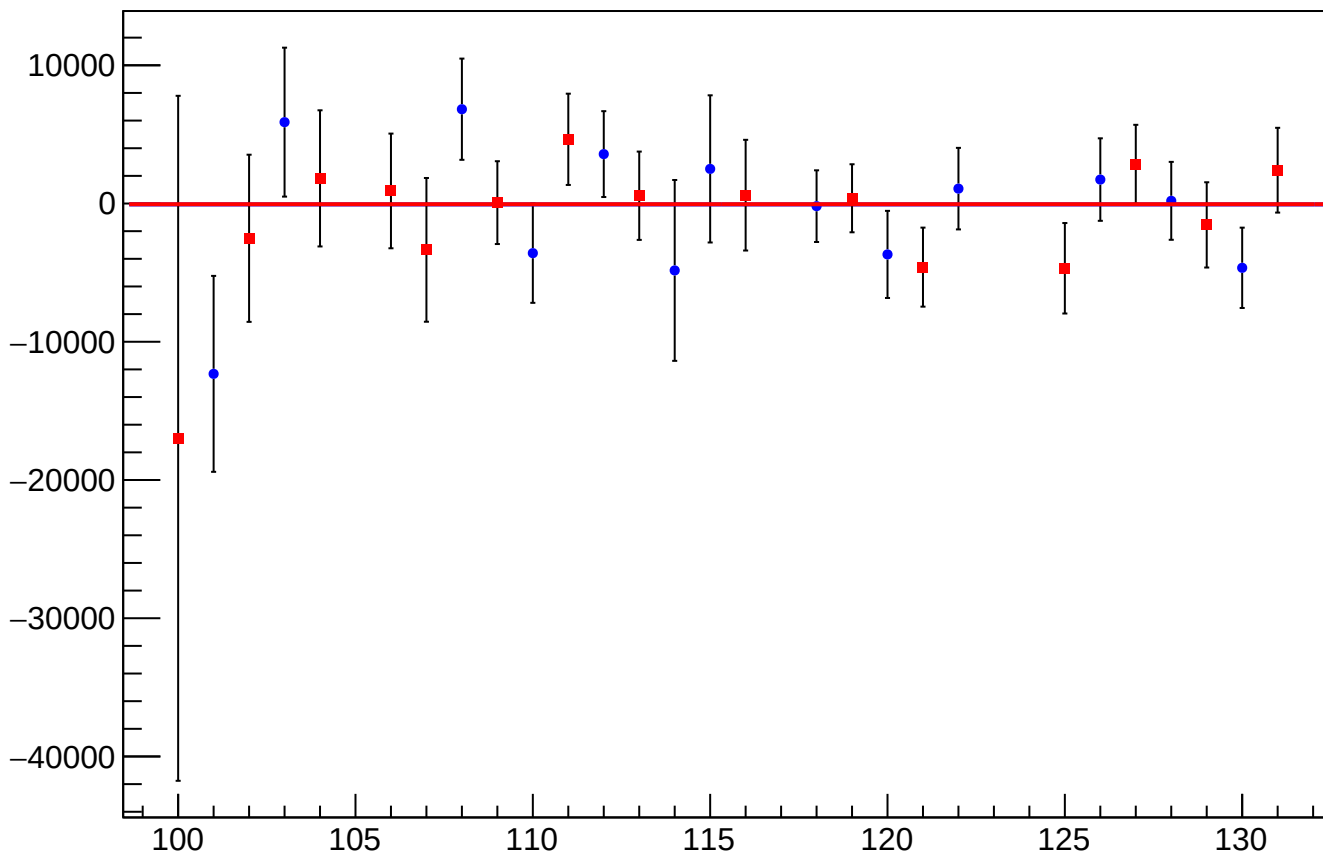
Right: 613.218+/-0.139 χ^2/NDF : 3628700.8/27

In: 596.955+/-0.195 χ^2/NDF : 1586692.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.218+/-0.139 χ^2/NDF : 3628700.8/27

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -66.038+/-957.947 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.242+/-896.623 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

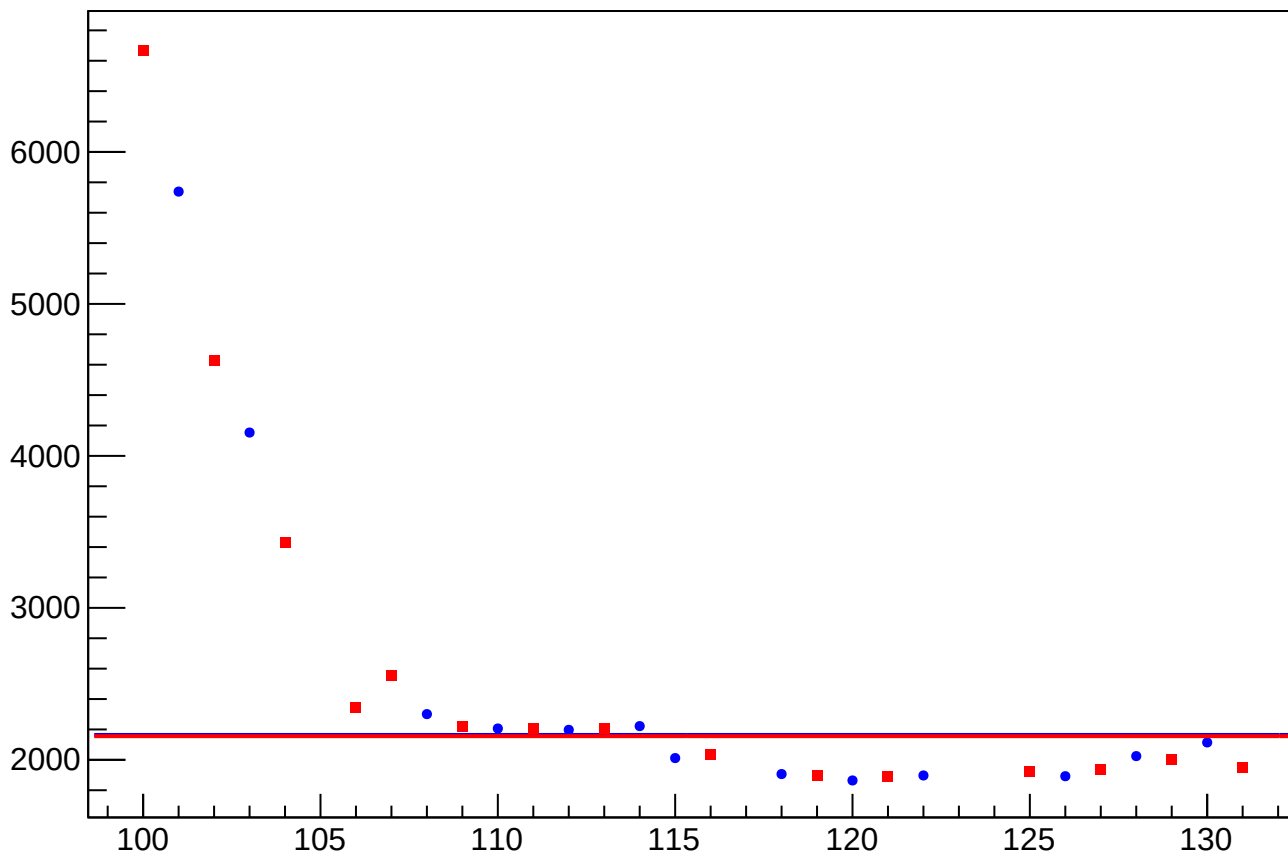
Right: -57.618+/-654.615 χ^2/NDF : 25.0/27

In: -66.038+/-957.947 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.618+/-654.615 χ^2/NDF : 25.0/27

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2163.615+/-0.677 χ^2/NDF : 863051.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.809+/-0.634 χ^2/NDF : 629355.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

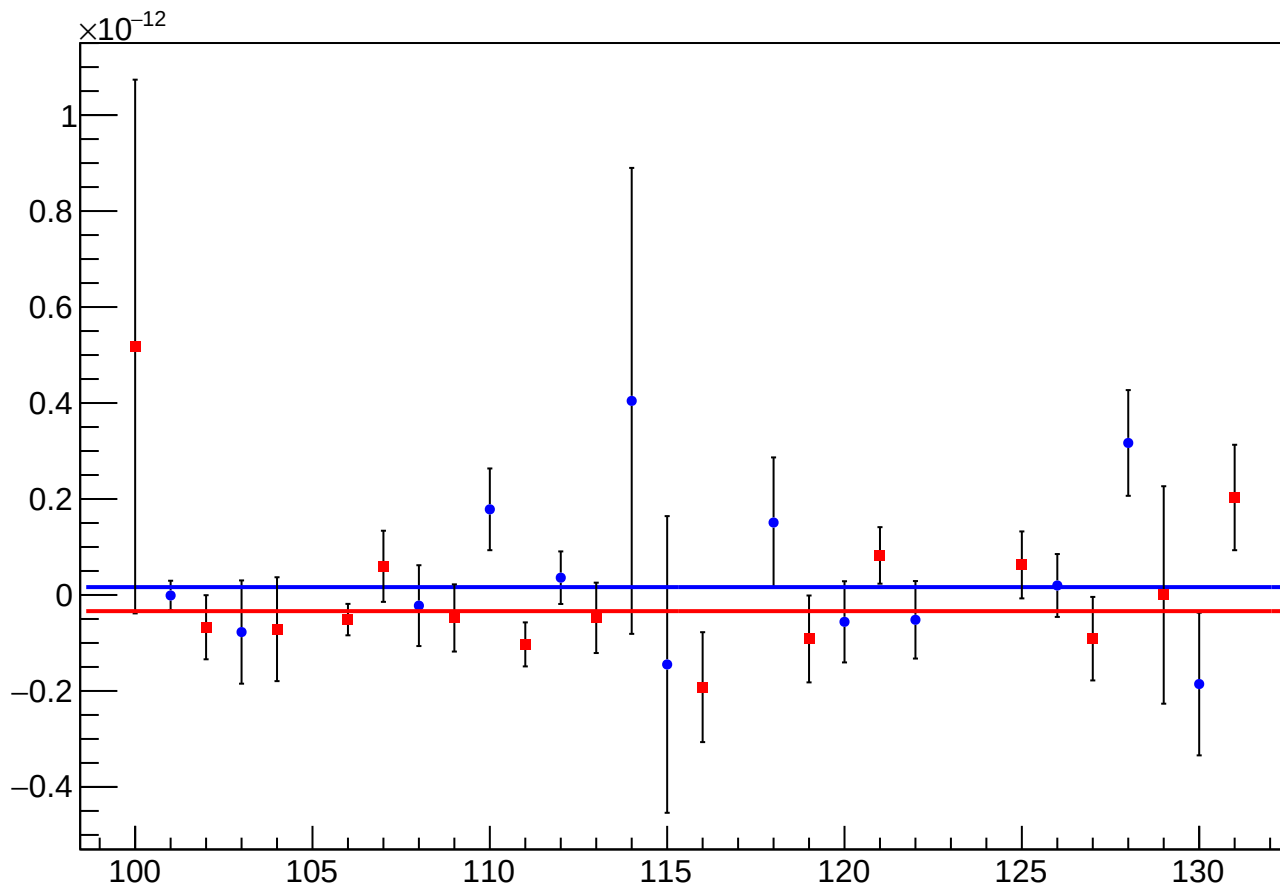
Right: 2159.454+/-0.463 χ^2/NDF : 1492478.0/27

In: 2163.615+/-0.677 χ^2/NDF : 863051.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.454+/-0.463 χ^2/NDF : 1492478.0/27

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

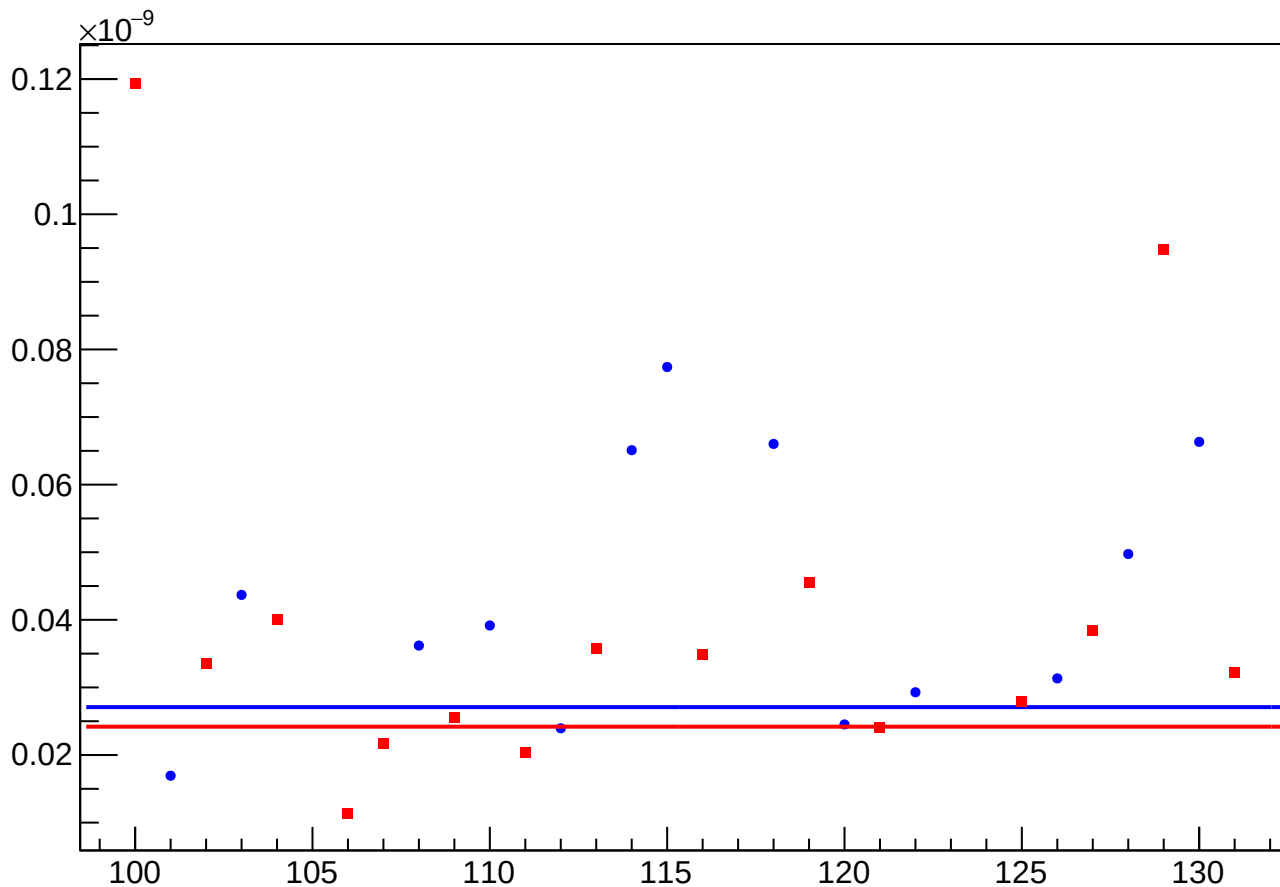
Right: -0.000+/-0.000 χ^2/NDF : 40.0/27

In: 0.000+/-0.000 χ^2/NDF : 17.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.0/27

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 801597.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 908087.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

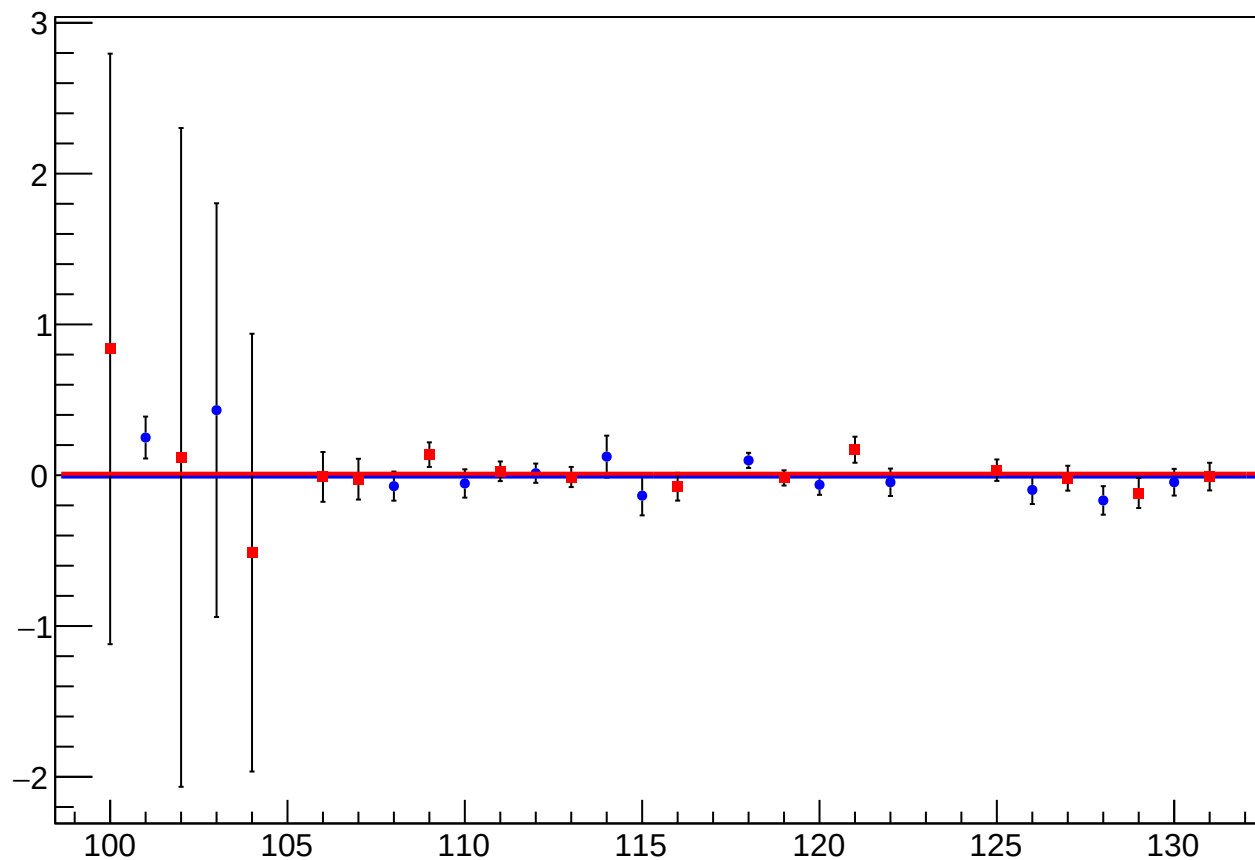
Right: 0.000+/-0.000 χ^2/NDF : 1733079.7/27

In: 0.000+/-0.000 χ^2/NDF : 801597.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1733079.7/27

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.024 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.023 χ^2 /NDF: 9.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

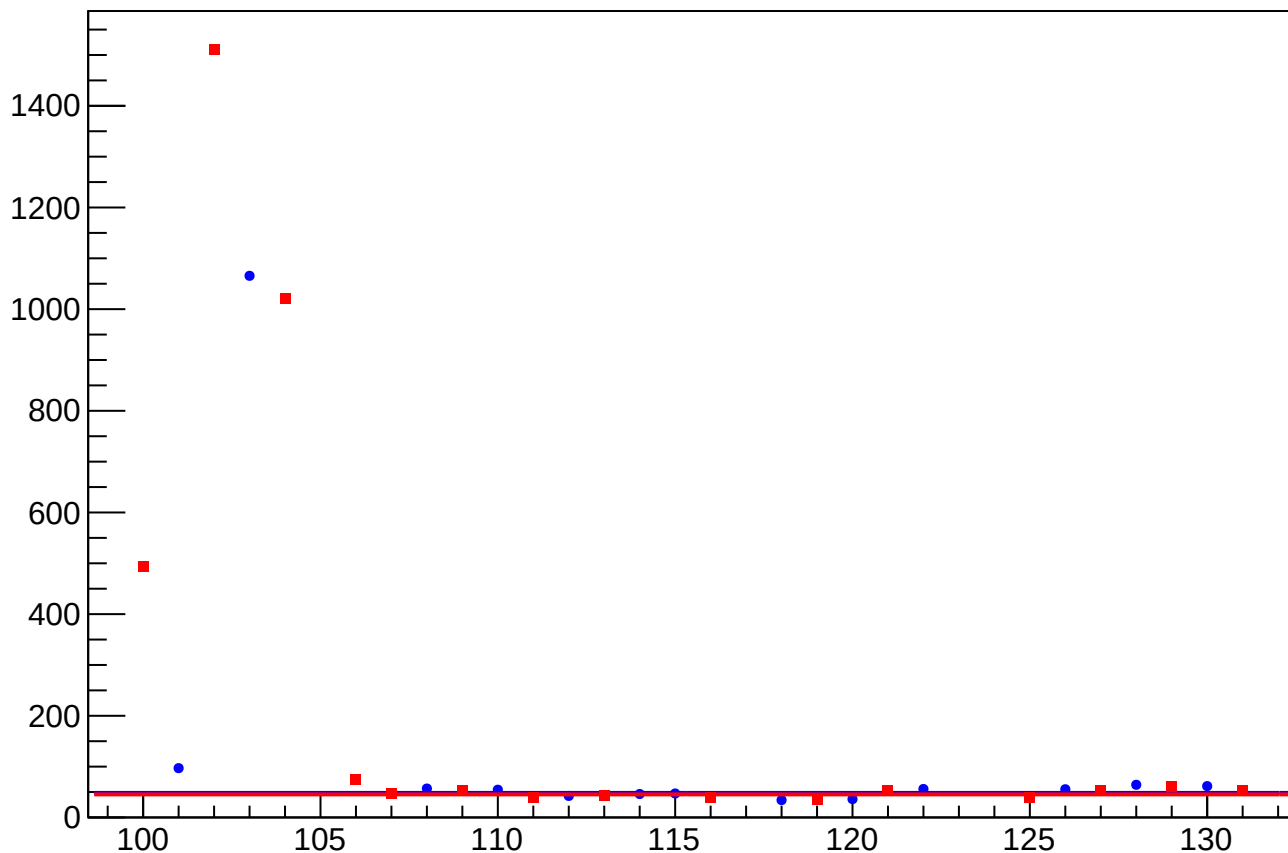
Right: 0.001 $\pm$ 0.017 χ^2 /NDF: 25.3/27

In: -0.009 $\pm$ 0.024 χ^2 /NDF:15.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.017 χ^2 /NDF: 25.3/27

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.381+/-0.016 χ^2/NDF : 2203600.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

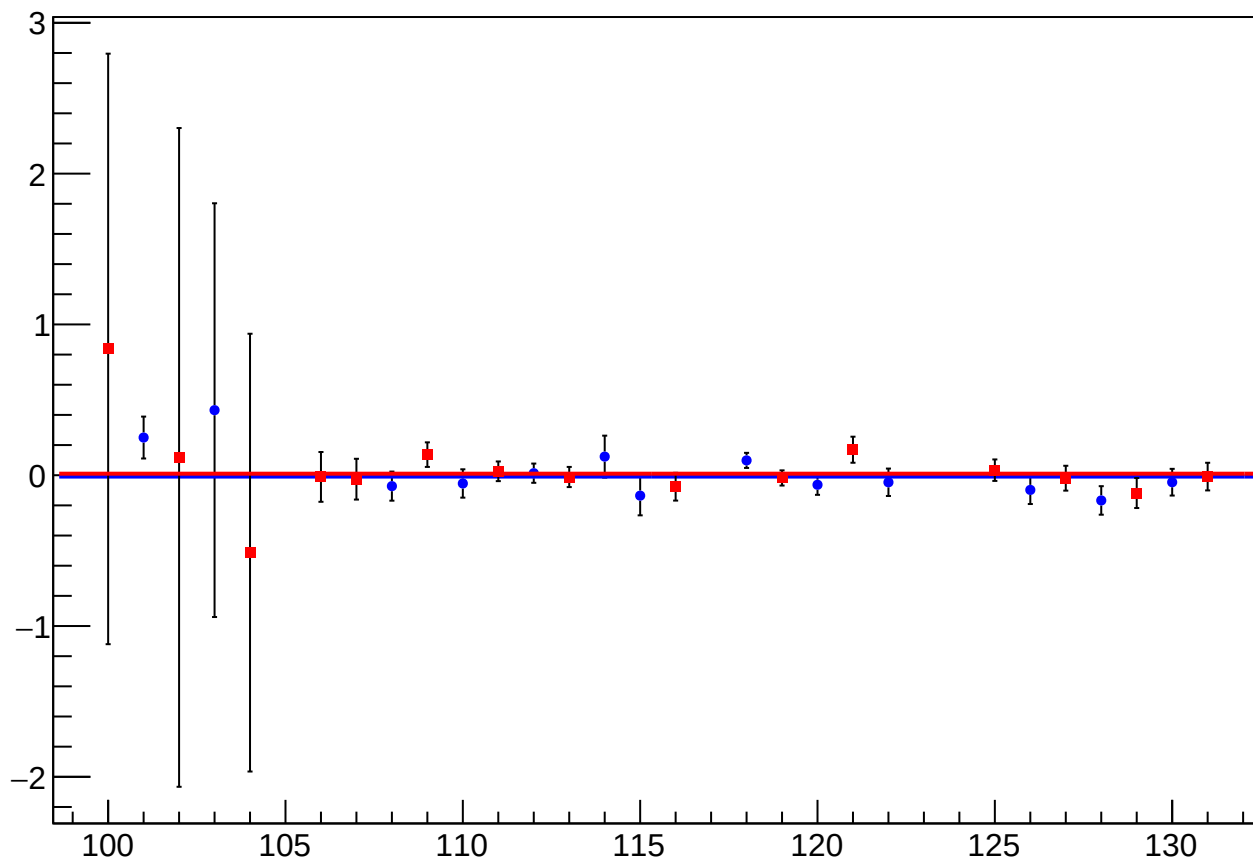
Right: 46.754+/-0.012 χ^2/NDF : 3960065.3/27

In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960065.3/27

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.024 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.023 χ^2 /NDF: 9.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

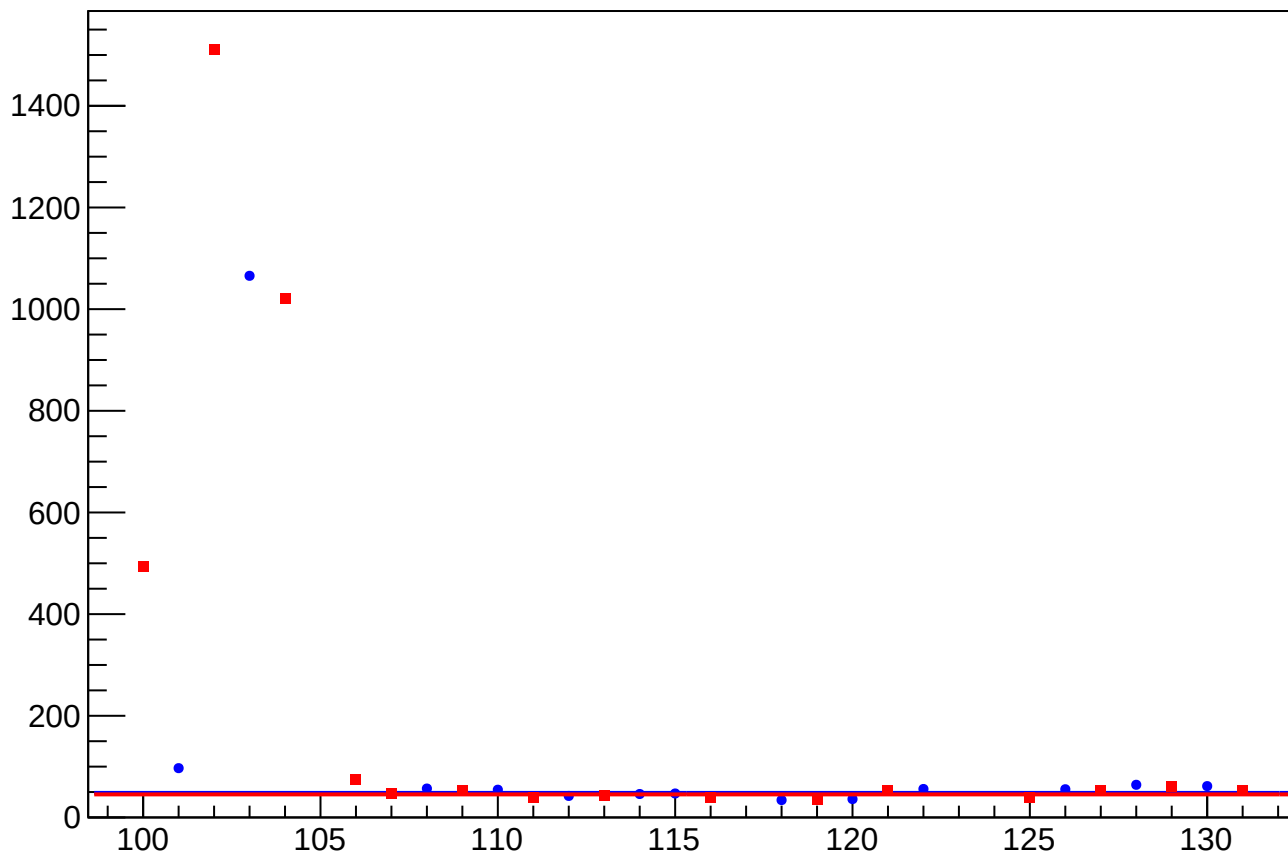
Right: 0.001 $\pm$ 0.017 χ^2 /NDF: 25.3/27

In: -0.009 $\pm$ 0.024 χ^2 /NDF:15.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.017 χ^2 /NDF: 25.3/27

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.381+/-0.016 χ^2/NDF : 2203600.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

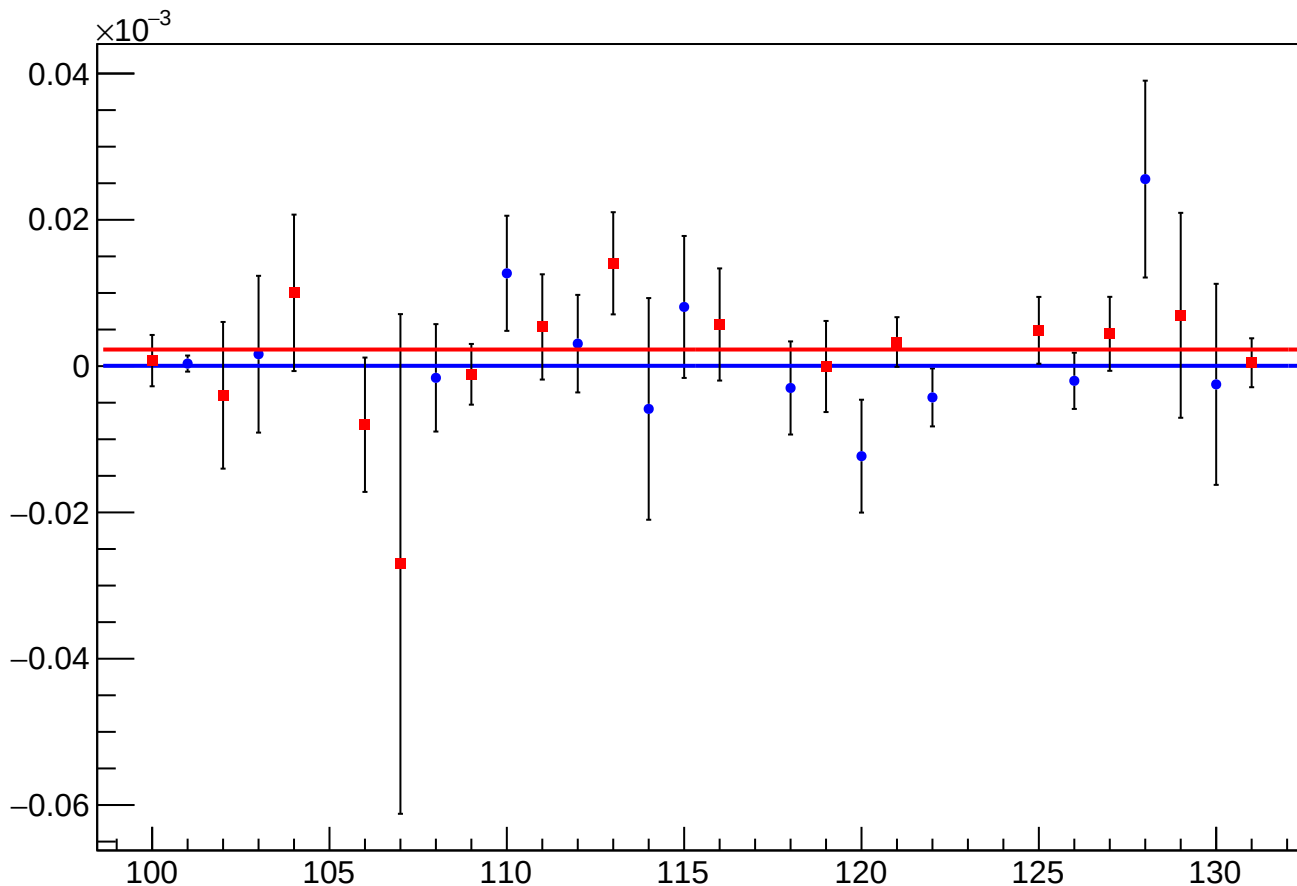
Right: 46.754+/-0.012 χ^2/NDF : 3960065.3/27

In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960065.3/27

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 : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

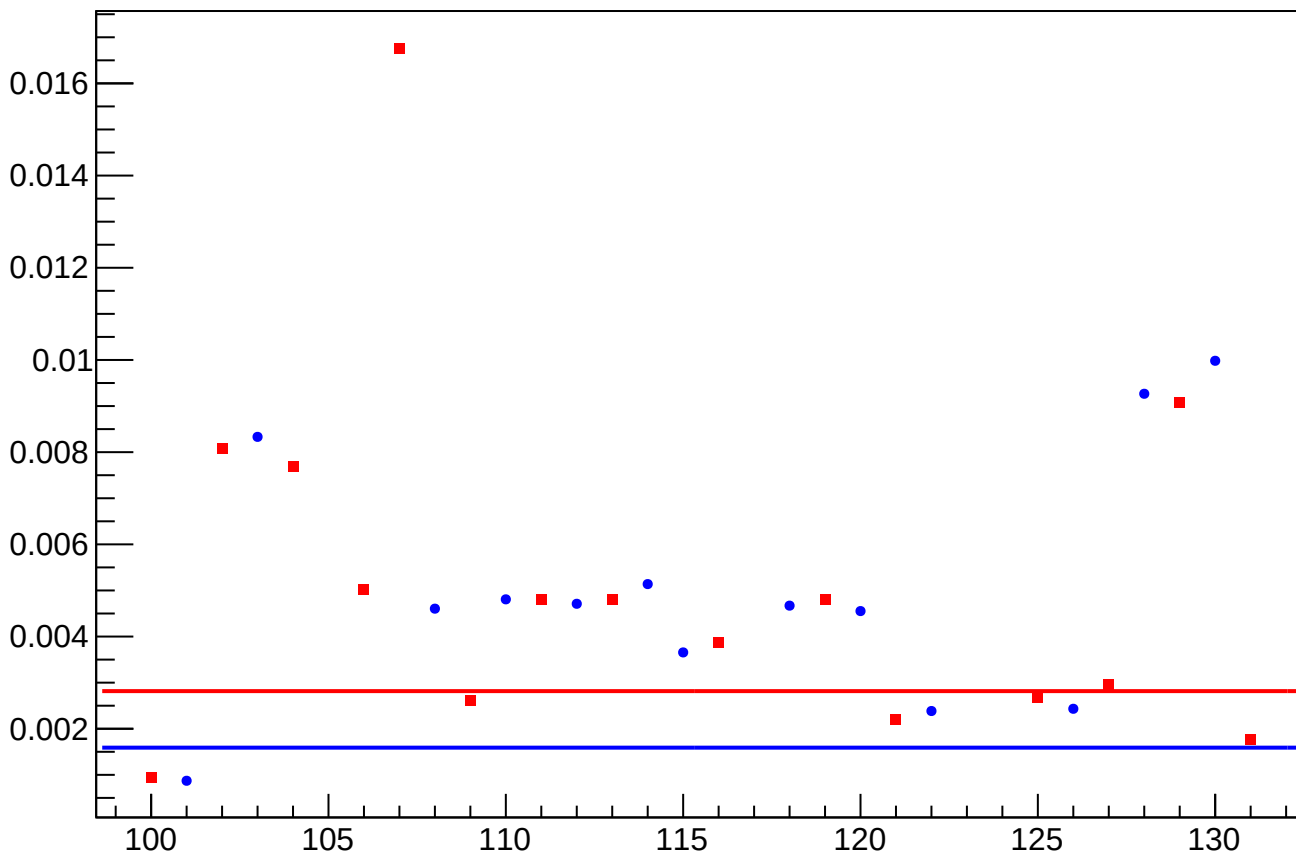
Right: 0.000+/-0.000 χ^2/NDF : 21.6/27

In: 0.000+/-0.000 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.6/27

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 : 5292451.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3213106.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

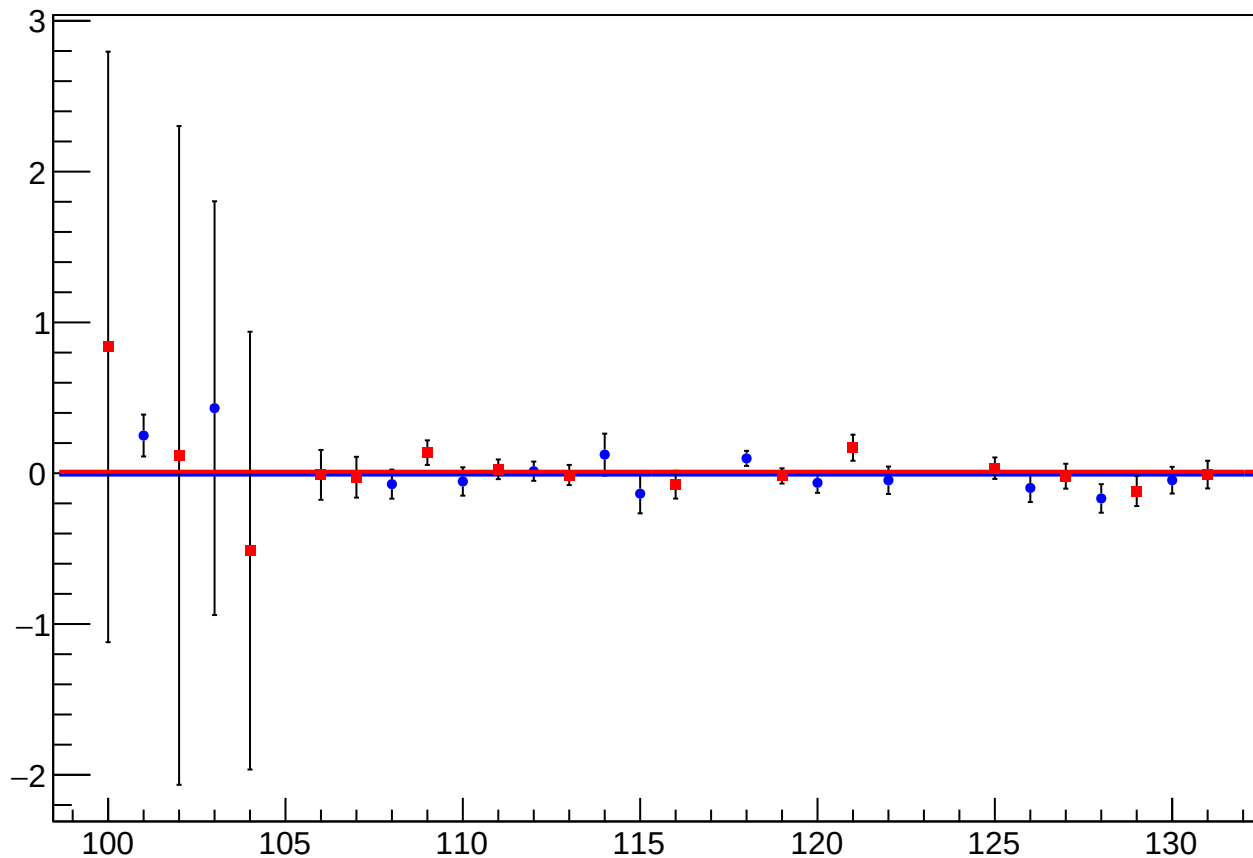
Right: 0.002+/-0.000 χ^2/NDF : 9567401.8/27

In: 0.002+/-0.000 χ^2/NDF :5292451.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9567401.8/27

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.024 χ^2 /NDF: 15.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.010+/-0.023 χ^2 /NDF: 9.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

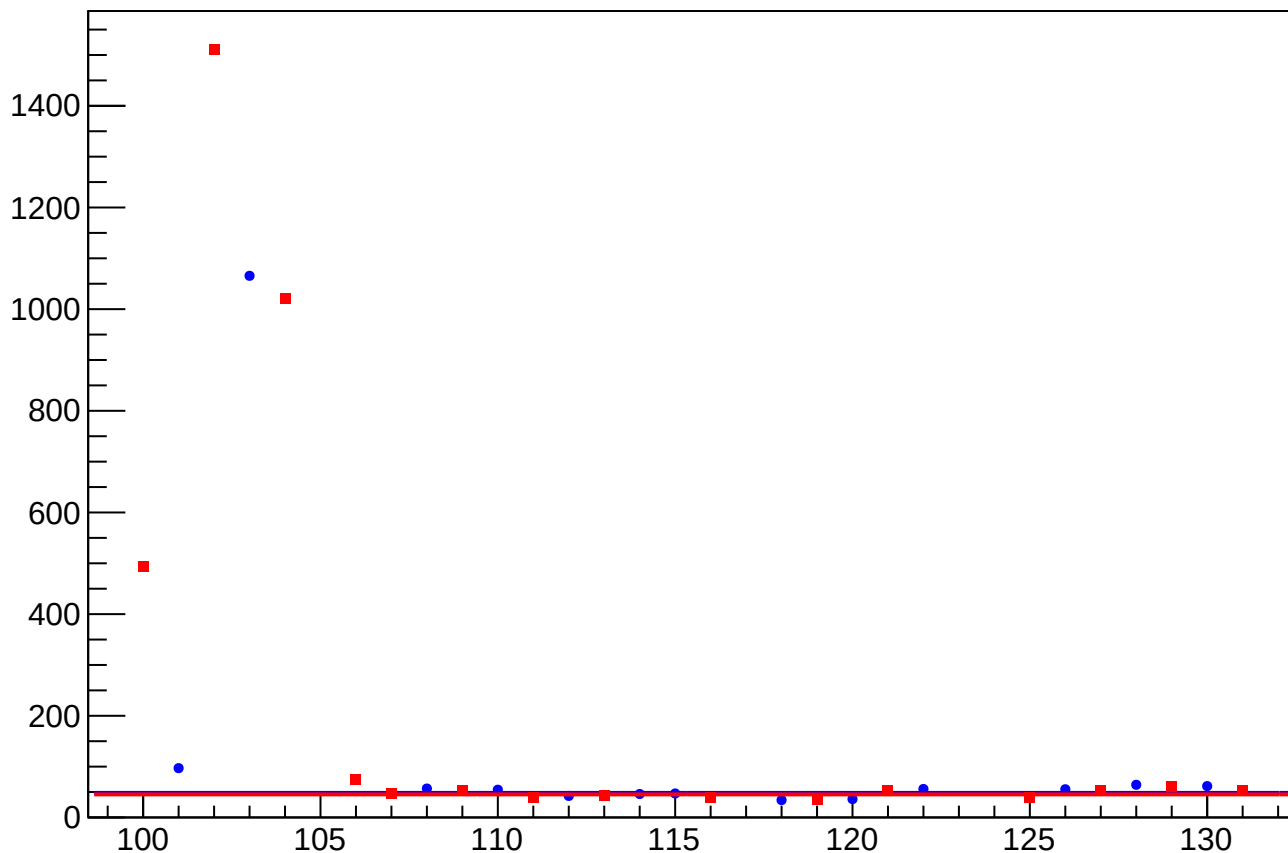
Right: 0.001+/-0.017 χ^2 /NDF: 25.3/27

In: -0.009+/-0.024 χ^2 /NDF:15.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.001+/-0.017 χ^2 /NDF: 25.3/27

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.380+/-0.016 χ^2/NDF : 2203617.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

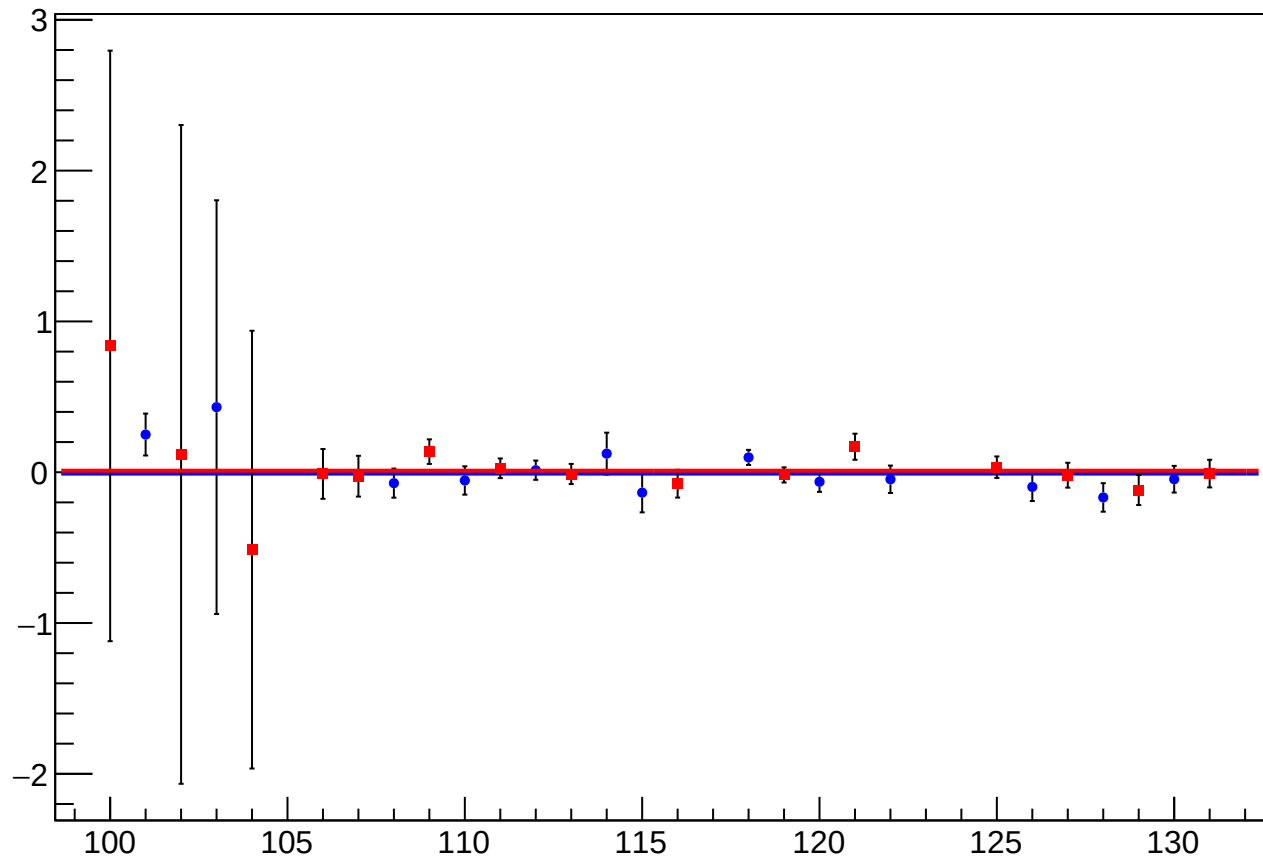
Right: 46.754+/-0.012 χ^2/NDF : 3960027.8/27

In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960027.8/27

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.024 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.023 χ^2 /NDF: 9.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

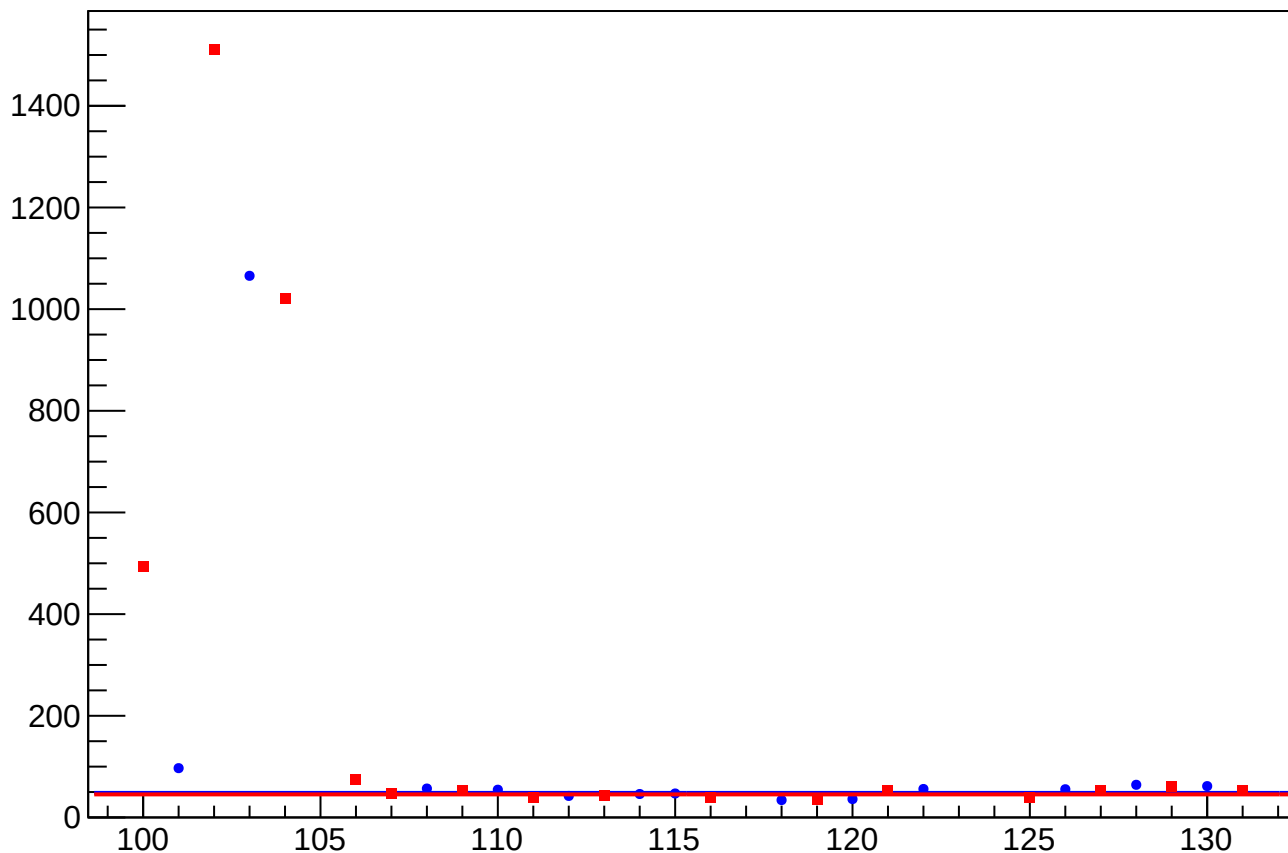
Right: 0.001 $\pm$ 0.017 χ^2 /NDF: 25.3/27

In: -0.009 $\pm$ 0.024 χ^2 /NDF:15.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.017 χ^2 /NDF: 25.3/27

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.380+/-0.016 χ^2/NDF : 2203617.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

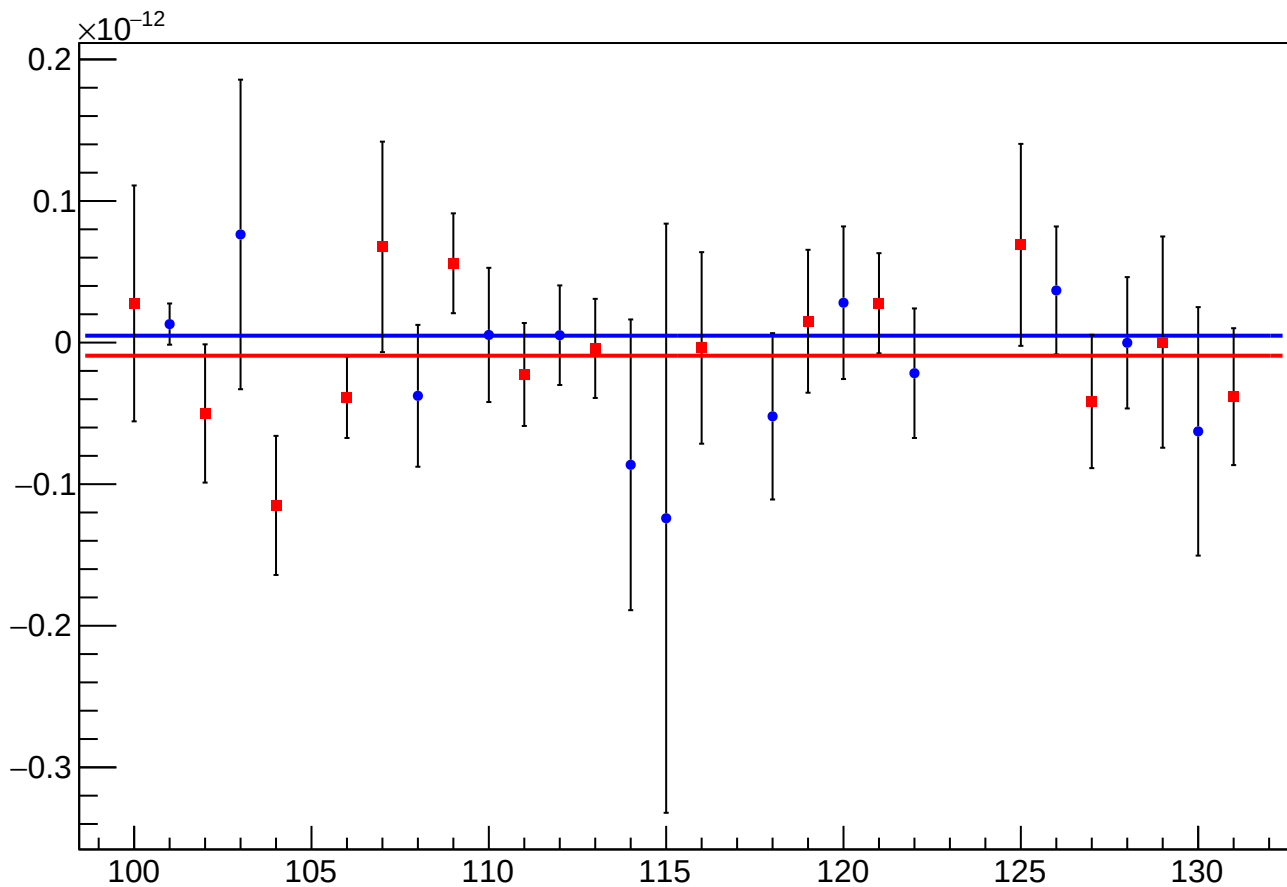
Right: 46.754+/-0.012 χ^2/NDF : 3960027.8/27

In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960027.8/27

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: 5.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

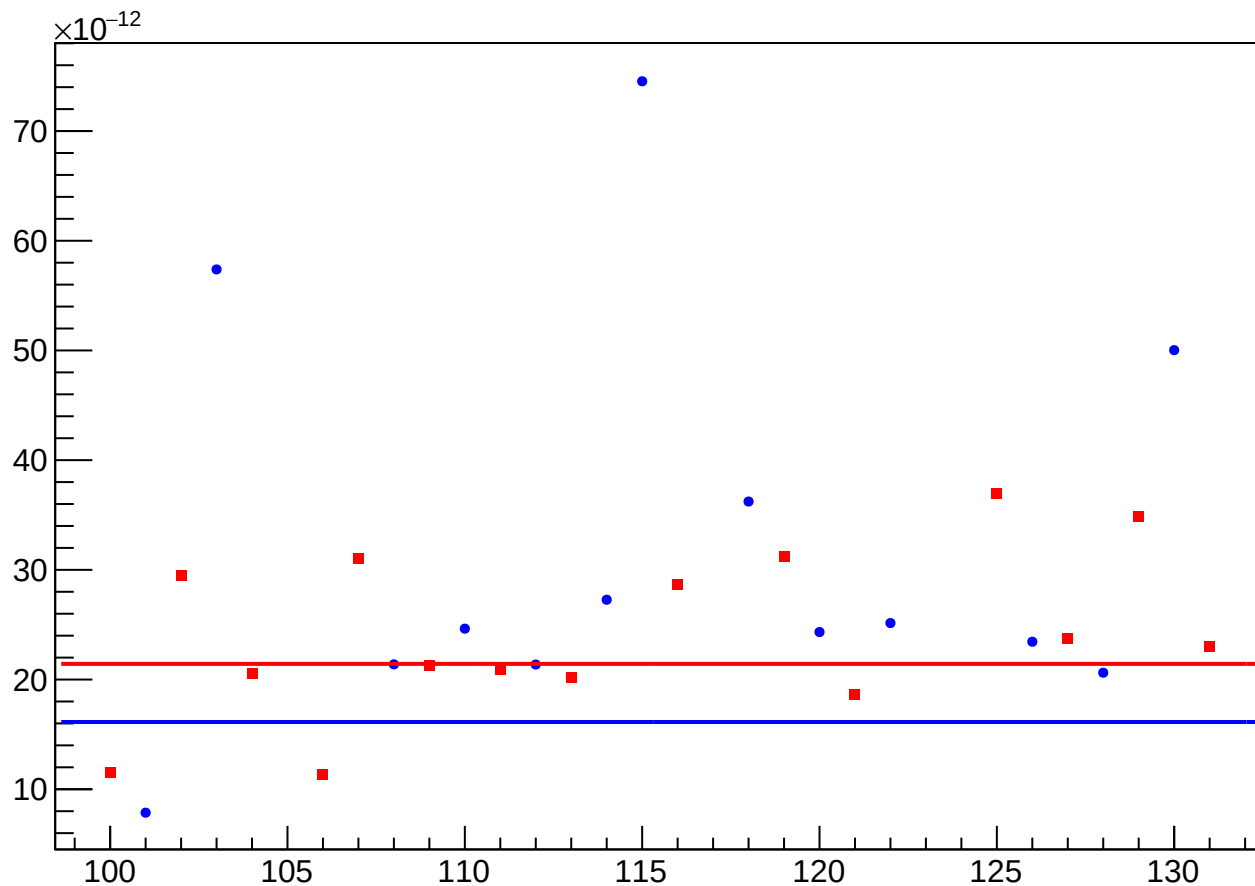
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.6/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.6/27

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 : 1969882.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 641796.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

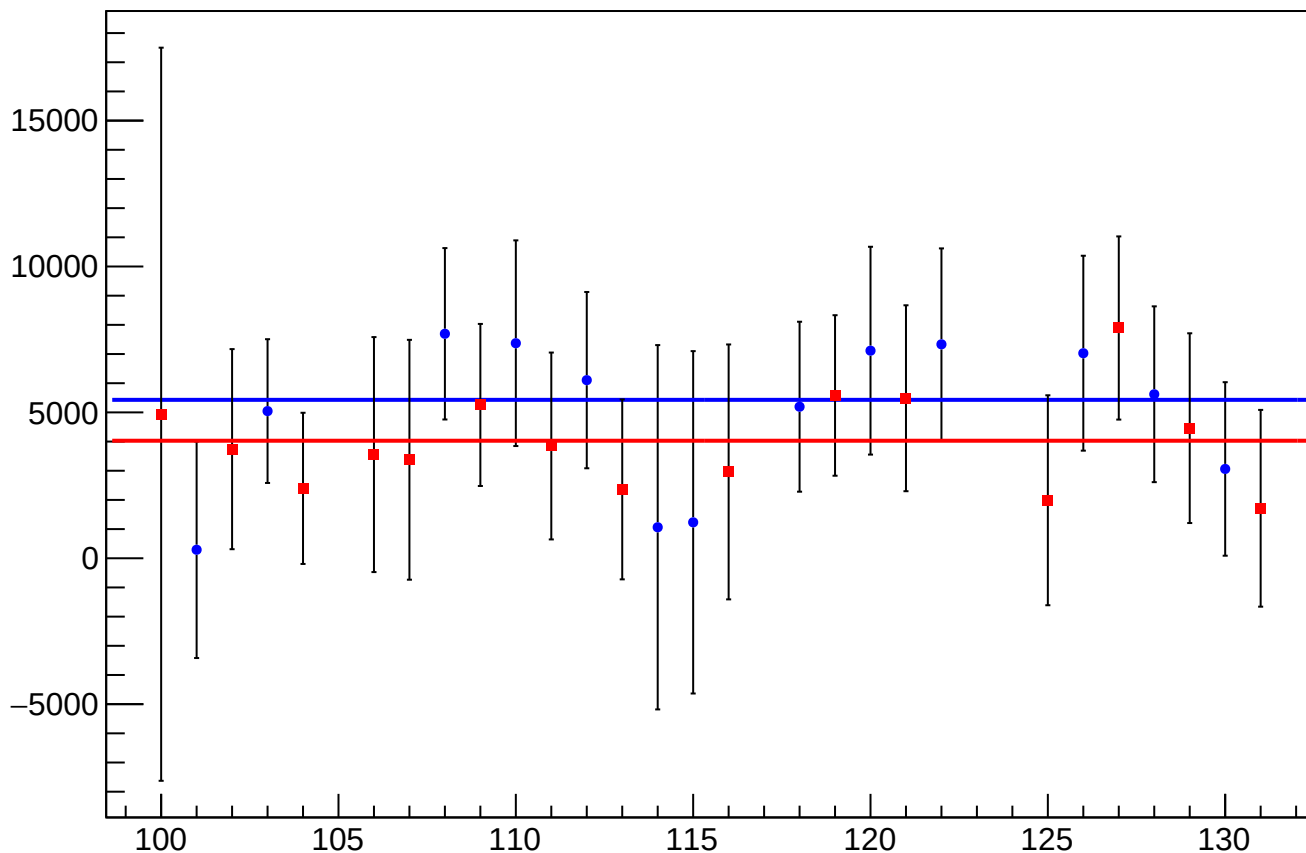
Right: 0.000+/-0.000 χ^2/NDF : 2837274.6/27

In: 0.000+/-0.000 χ^2/NDF : 1969882.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2837274.6/27

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5429.843+/-912.784 χ^2/NDF : 5.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4028.583+/-864.546 χ^2/NDF : 3.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

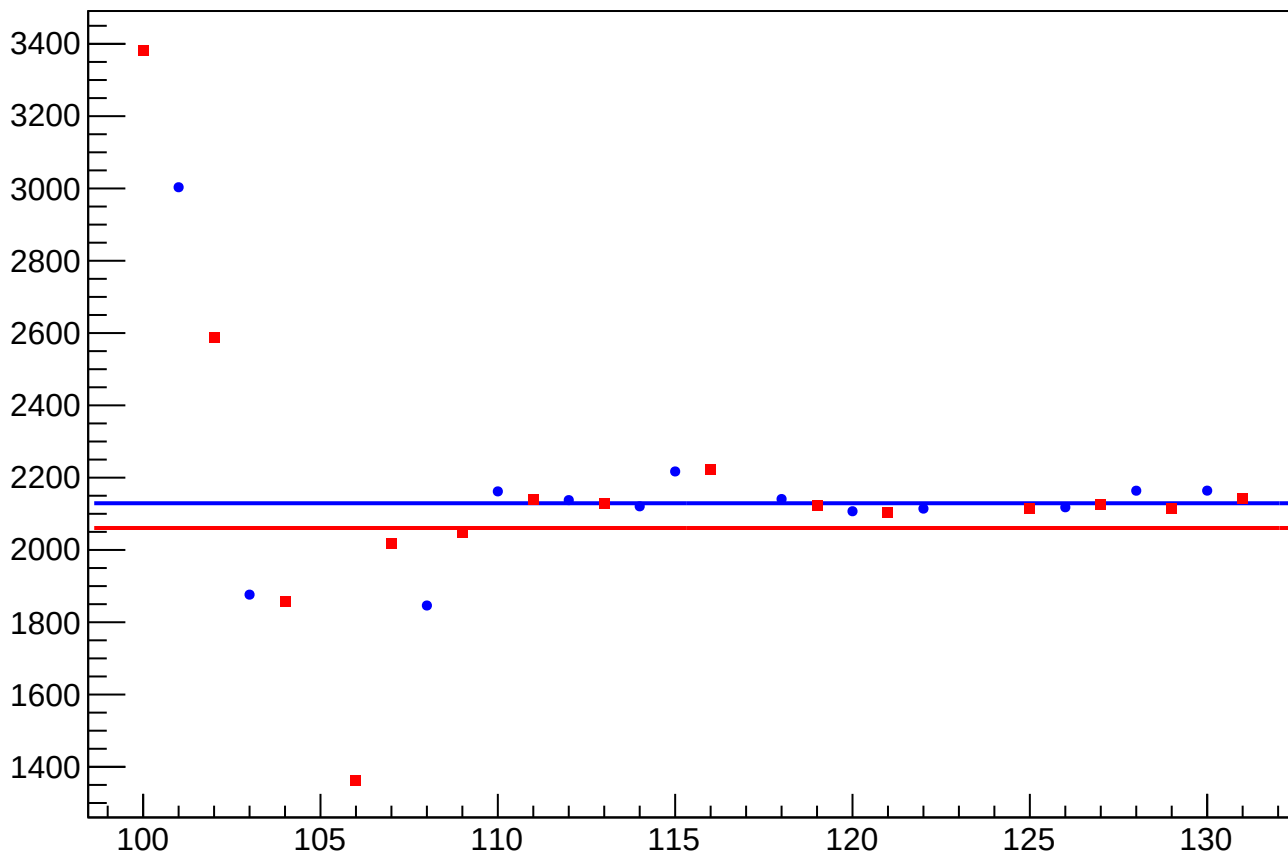
Right: 4691.210+/-627.687 χ^2/NDF : 10.4/27

In: 5429.843+/-912.784 χ^2/NDF : 5.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4691.210+/-627.687 χ^2/NDF : 10.4/27

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2129.205+/-0.645 χ^2/NDF : 151957.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2060.732+/-0.600 χ^2/NDF : 199618.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

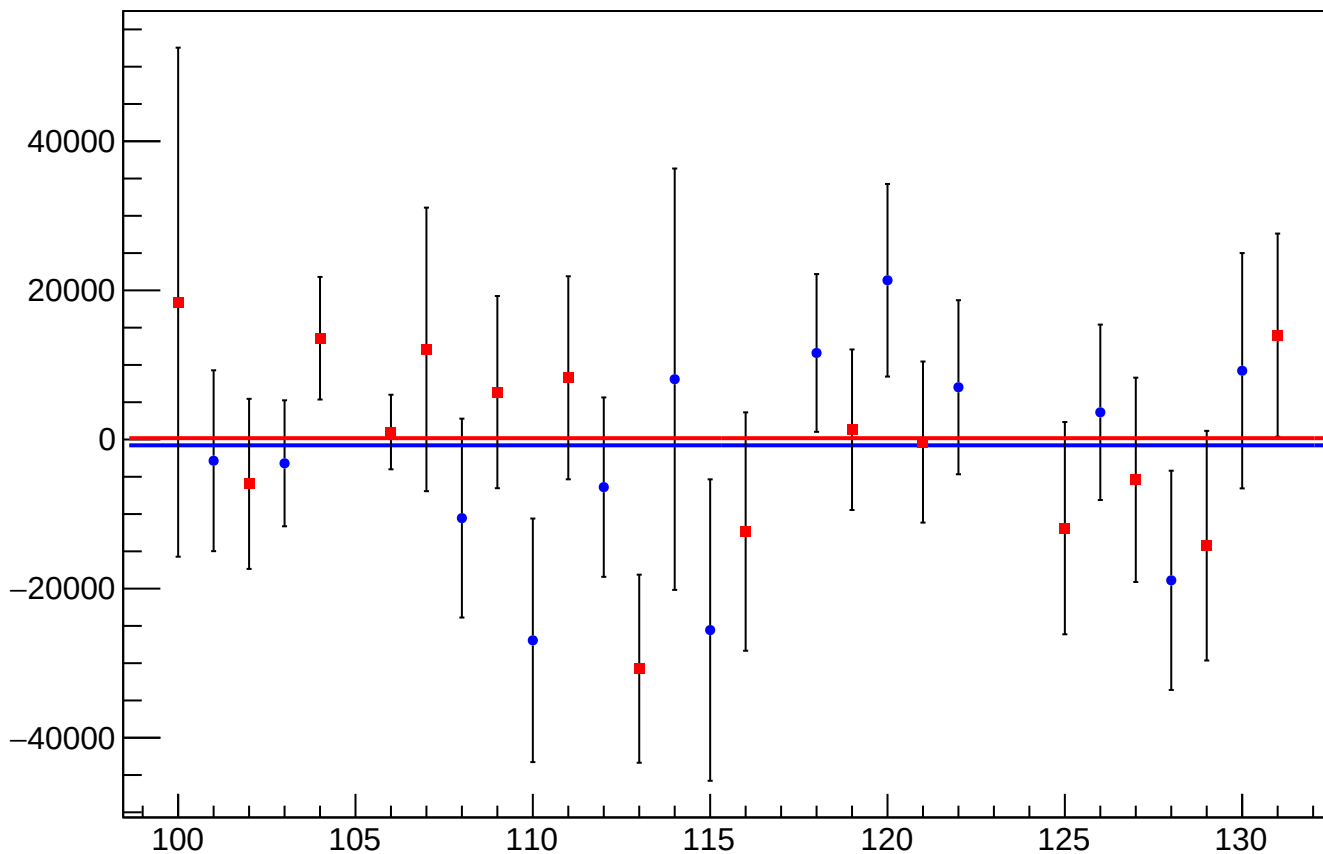
Right: 2092.489+/-0.440 χ^2/NDF : 357611.0/27

In: 2129.205+/-0.645 χ^2/NDF : 151957.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.489+/-0.440 χ^2/NDF : 357611.0/27

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -782.389+/-3559.583 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.708+/-2830.922 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

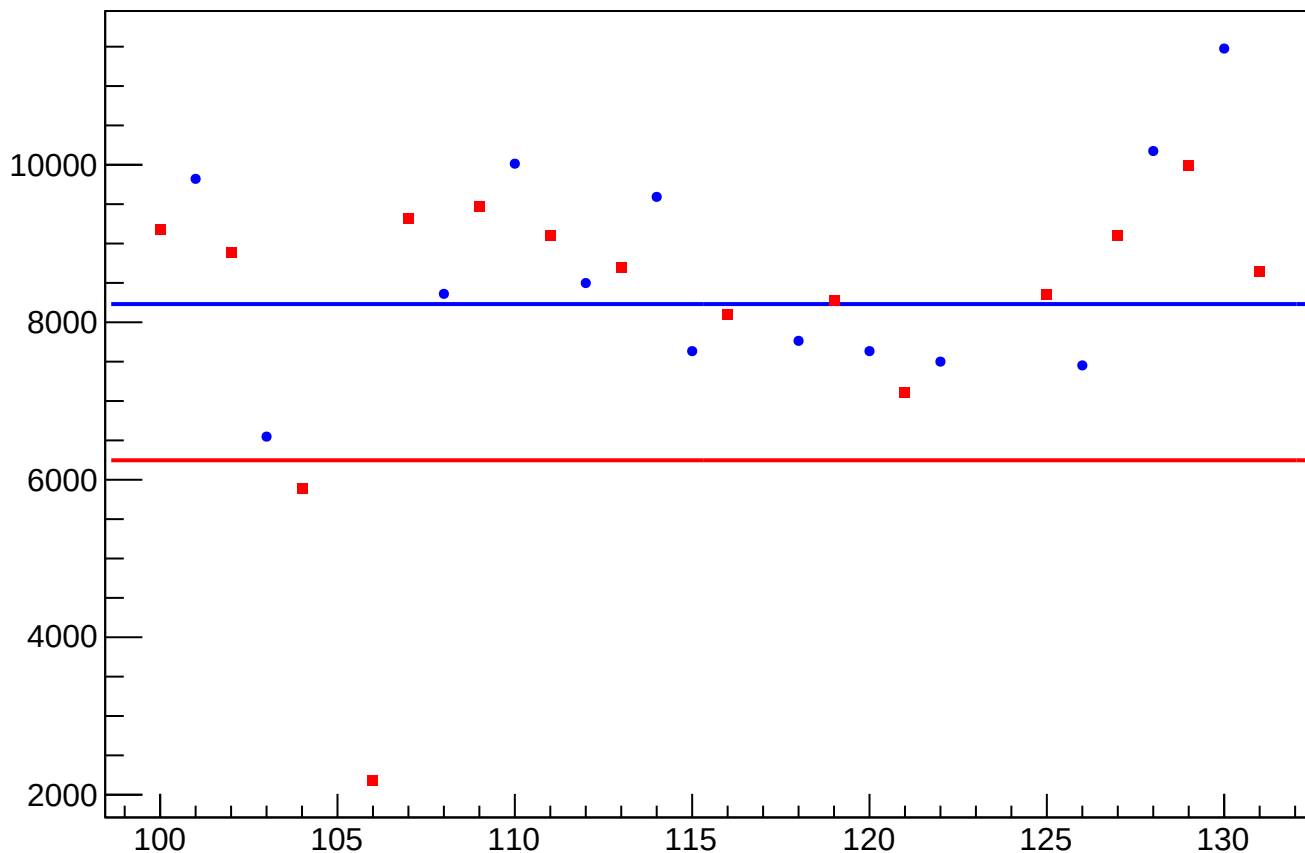
Right: -195.498+/-2215.653 χ^2/NDF : 25.5/27

In: -782.389+/-3559.583 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.498+/-2215.653 χ^2/NDF : 25.5/27

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8231.298+/-2.517 χ^2/NDF : 289483.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6247.308+/-2.002 χ^2/NDF : 2210071.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

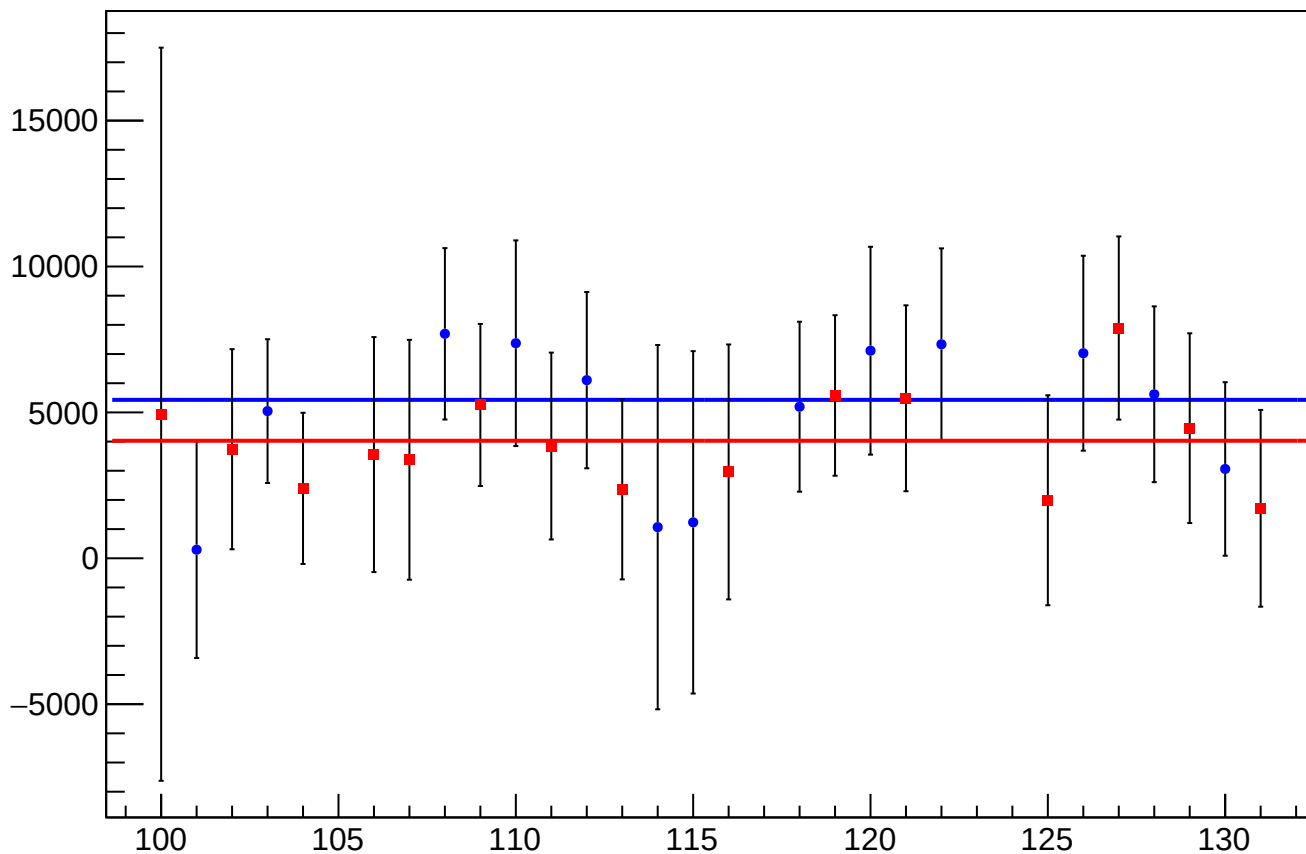
Right: 7015.987+/-1.567 χ^2/NDF : 2880146.6/27

In: 8231.298+/-2.517 χ^2/NDF :289483.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7015.987+/-1.567 χ^2/NDF : 2880146.6/27

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5430.086 $\pm$ 912.784 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4028.281 $\pm$ 864.546 χ^2 /NDF: 3.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

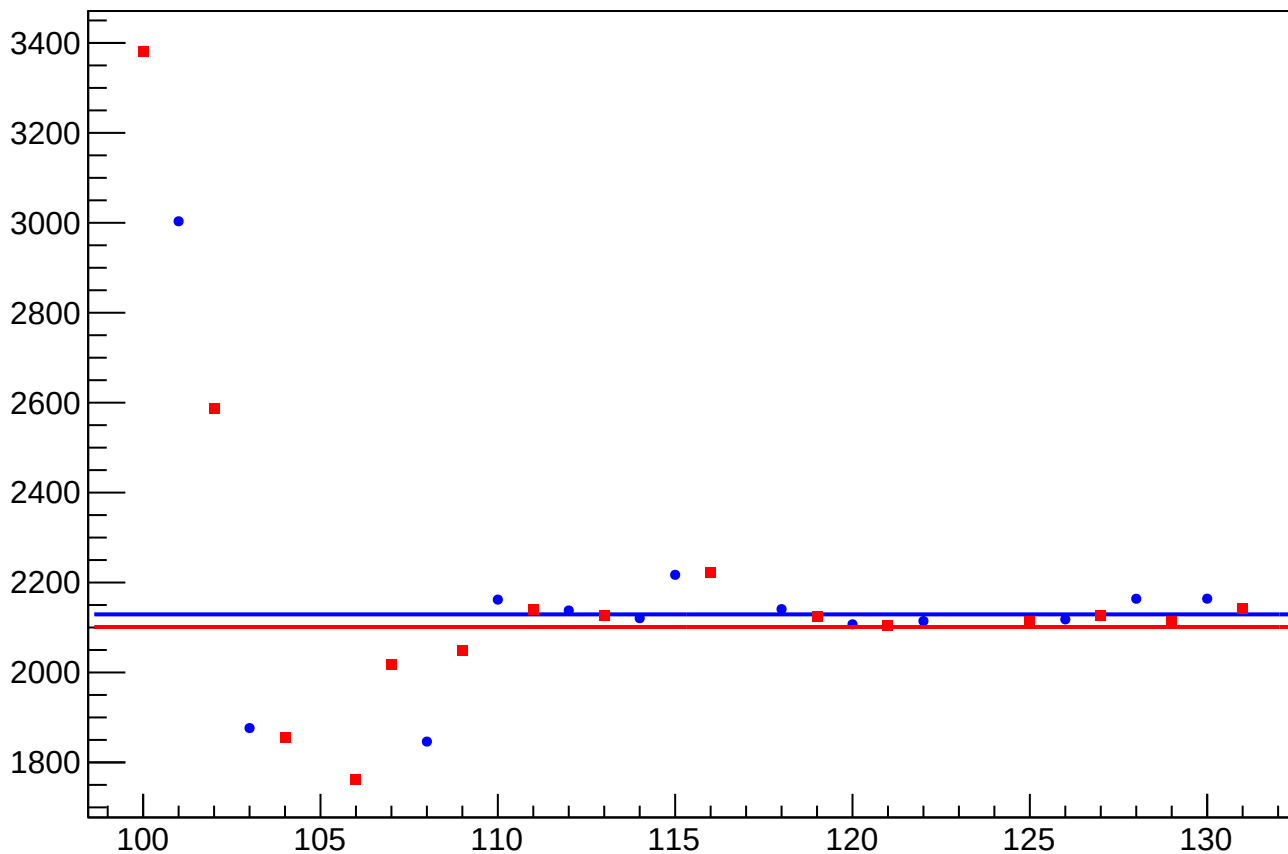
Right: 4691.165 $\pm$ 627.687 χ^2 /NDF: 10.4/27

In: 5430.086 $\pm$ 912.784 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4691.165 $\pm$ 627.687 χ^2 /NDF: 10.4/27

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2101.118+/-0.608 χ^2/NDF : 100677.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

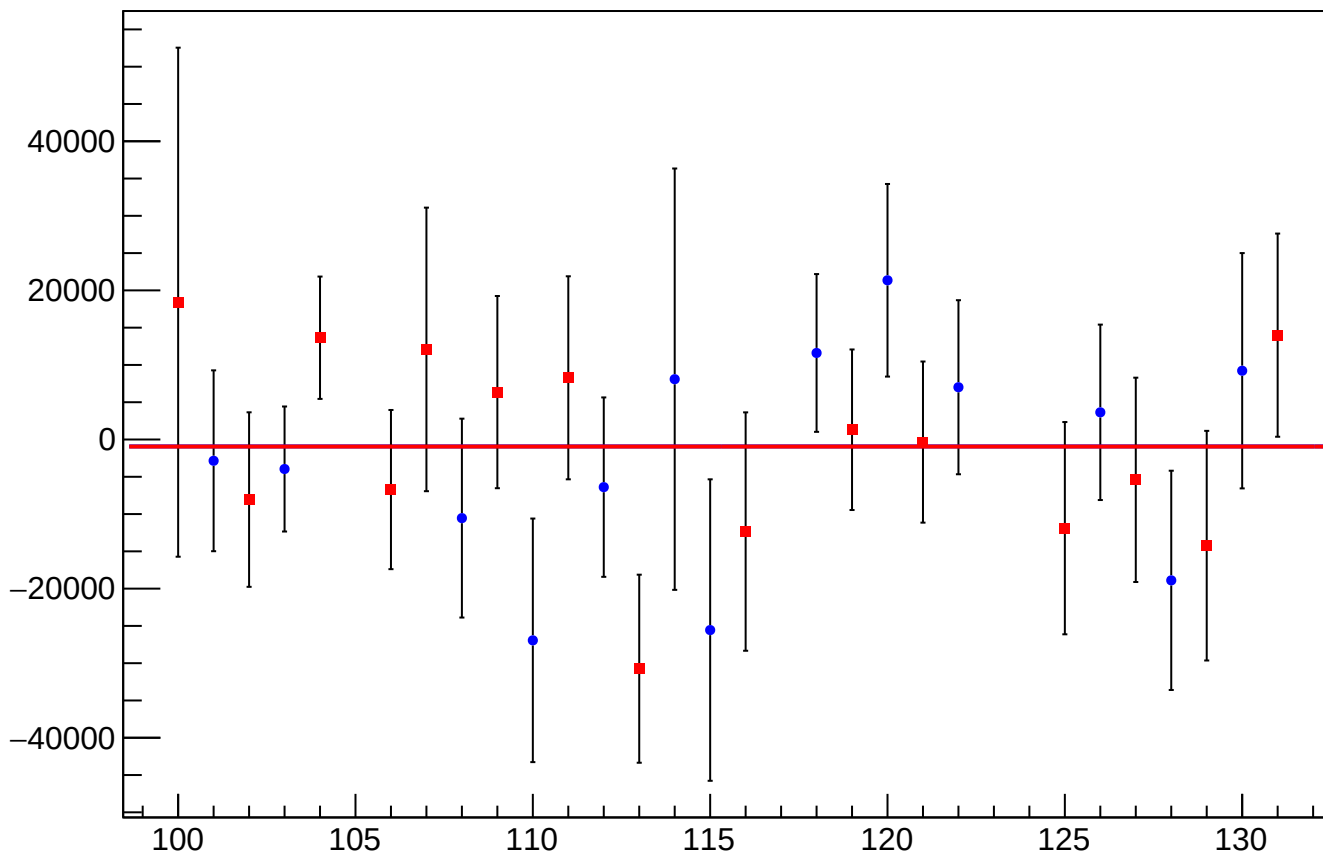
Right: 2114.320+/-0.443 χ^2/NDF : 253639.2/27

In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.320+/-0.443 χ^2/NDF : 253639.2/27

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -946.531+/-3274.955 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

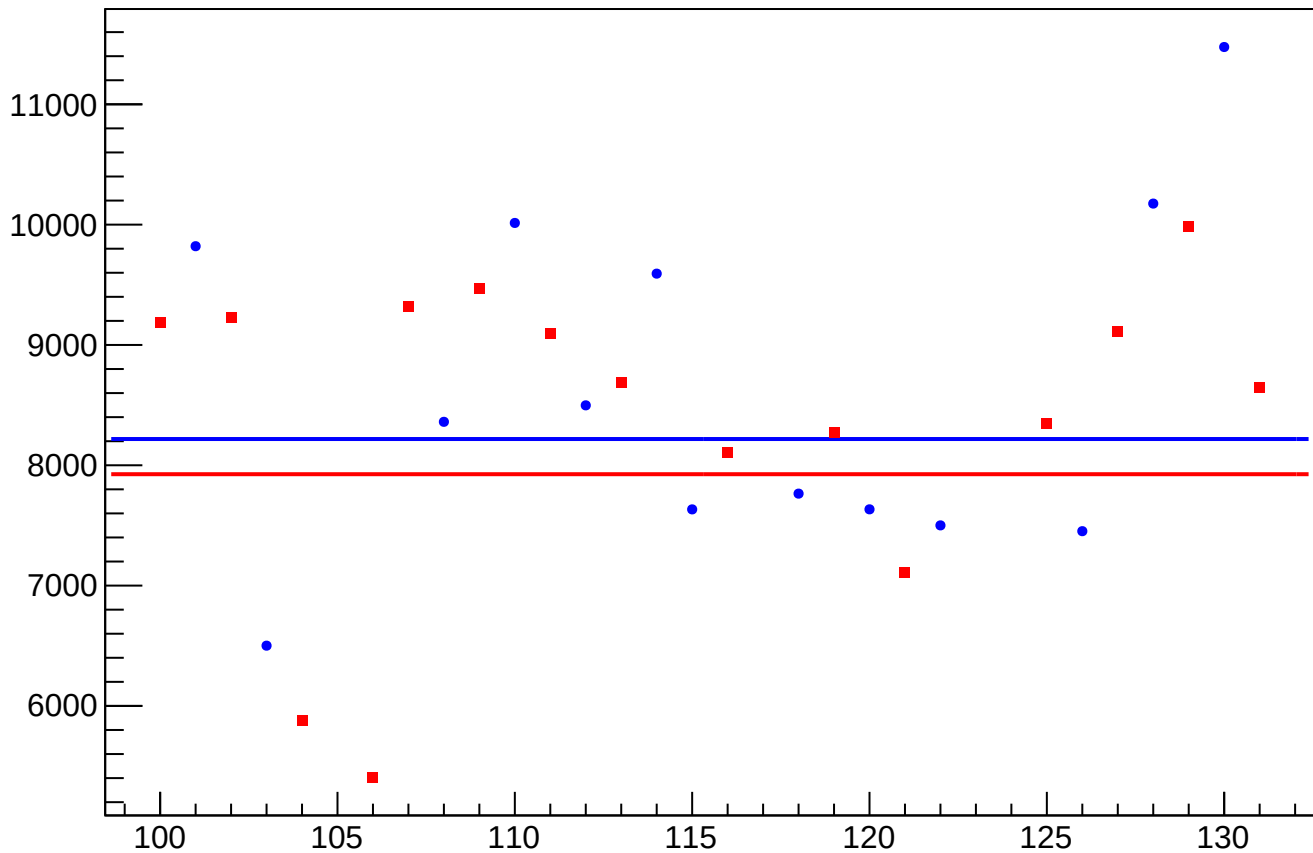
Right: -937.228+/-2408.585 χ^2/NDF : 26.1/27

In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -937.228+/-2408.585 χ^2/NDF : 26.1/27

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7925.794+/-2.316 χ^2/NDF : 397135.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

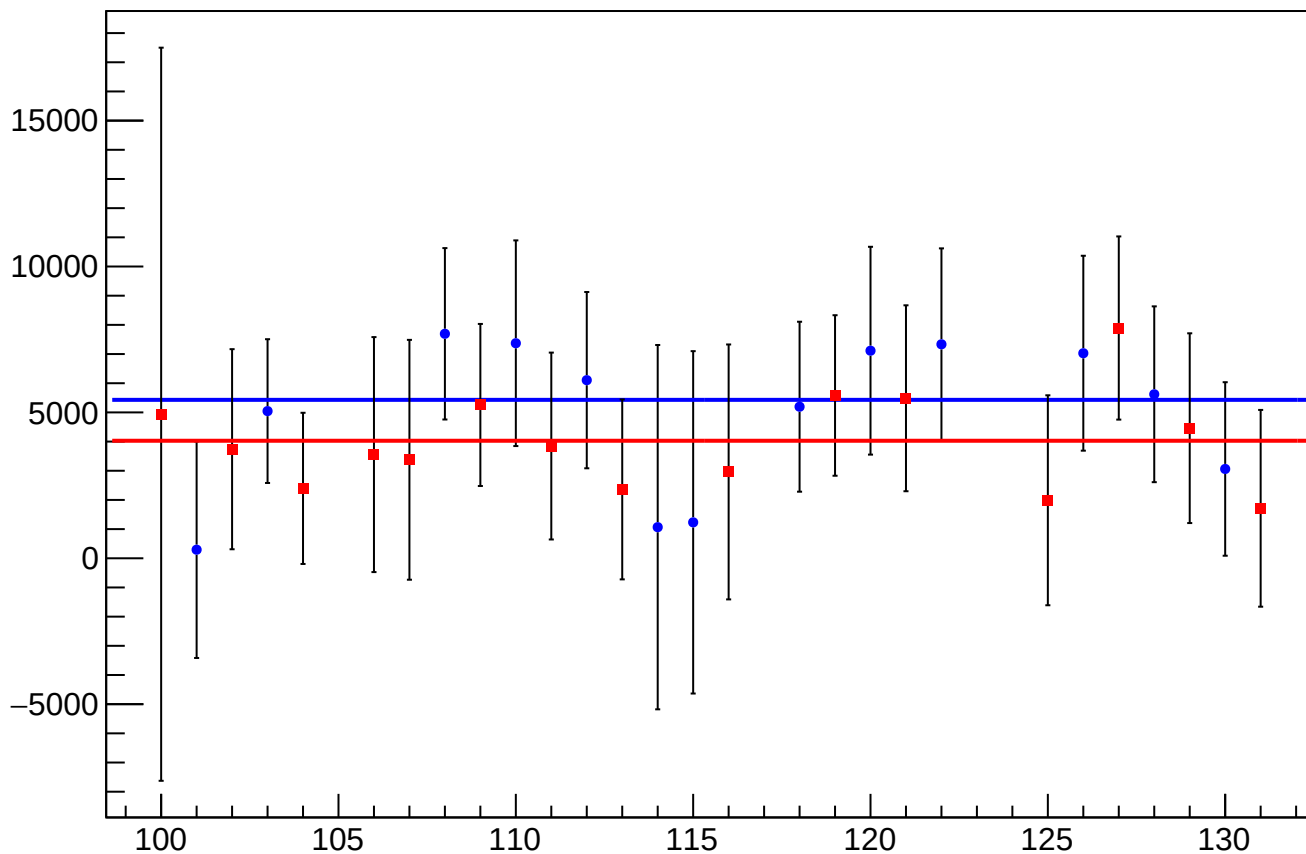
Right: 8060.026+/-1.703 χ^2/NDF : 699693.8/27

In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8060.026+/-1.703 χ^2/NDF : 699693.8/27

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5430.086+/-912.784 χ^2/NDF : 5.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4028.281+/-864.546 χ^2/NDF : 3.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

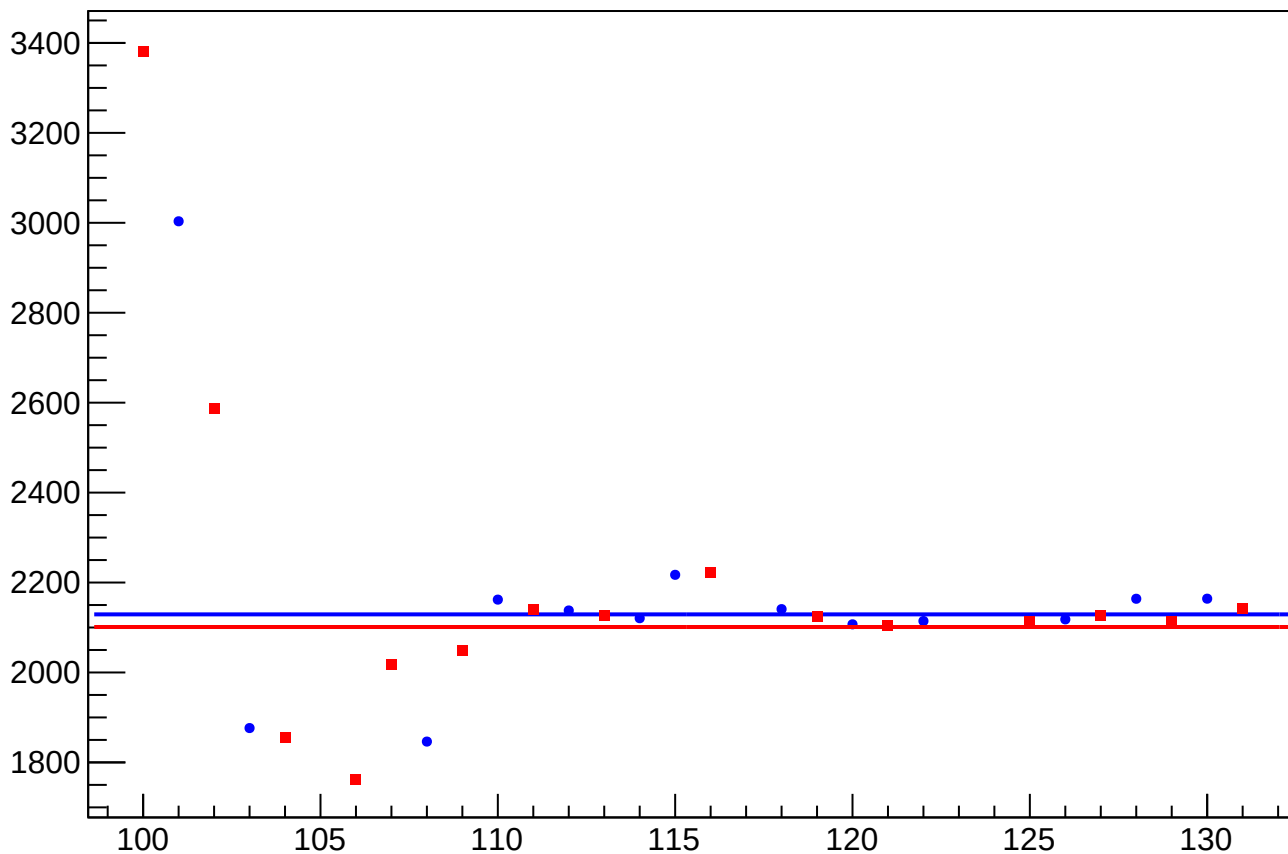
Right: 4691.165+/-627.687 χ^2/NDF : 10.4/27

In: 5430.086+/-912.784 χ^2/NDF : 5.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4691.165+/-627.687 χ^2/NDF : 10.4/27

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2101.118+/-0.608 χ^2/NDF : 100677.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

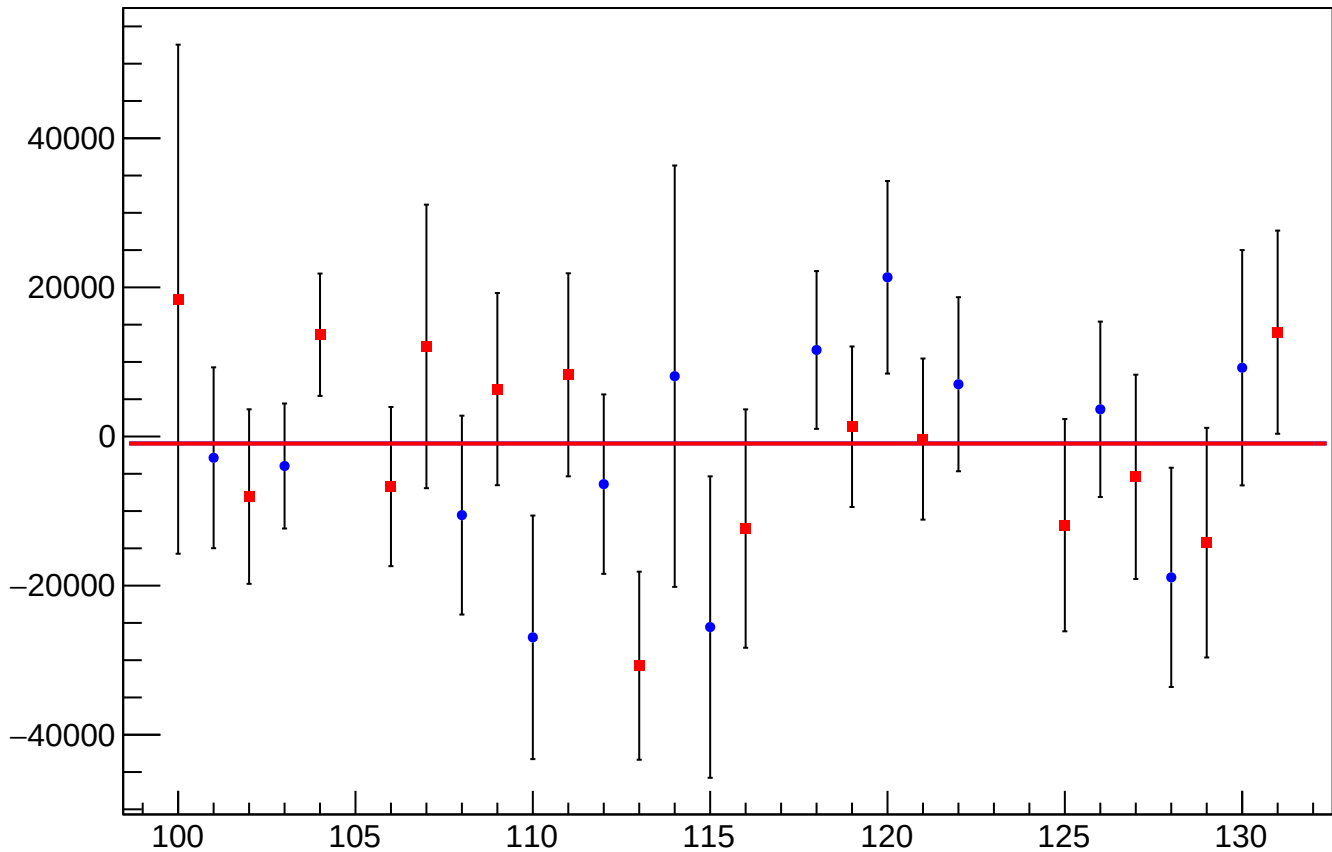
Right: 2114.320+/-0.443 χ^2/NDF : 253639.2/27

In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.320+/-0.443 χ^2/NDF : 253639.2/27

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -946.531+/-3274.955 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

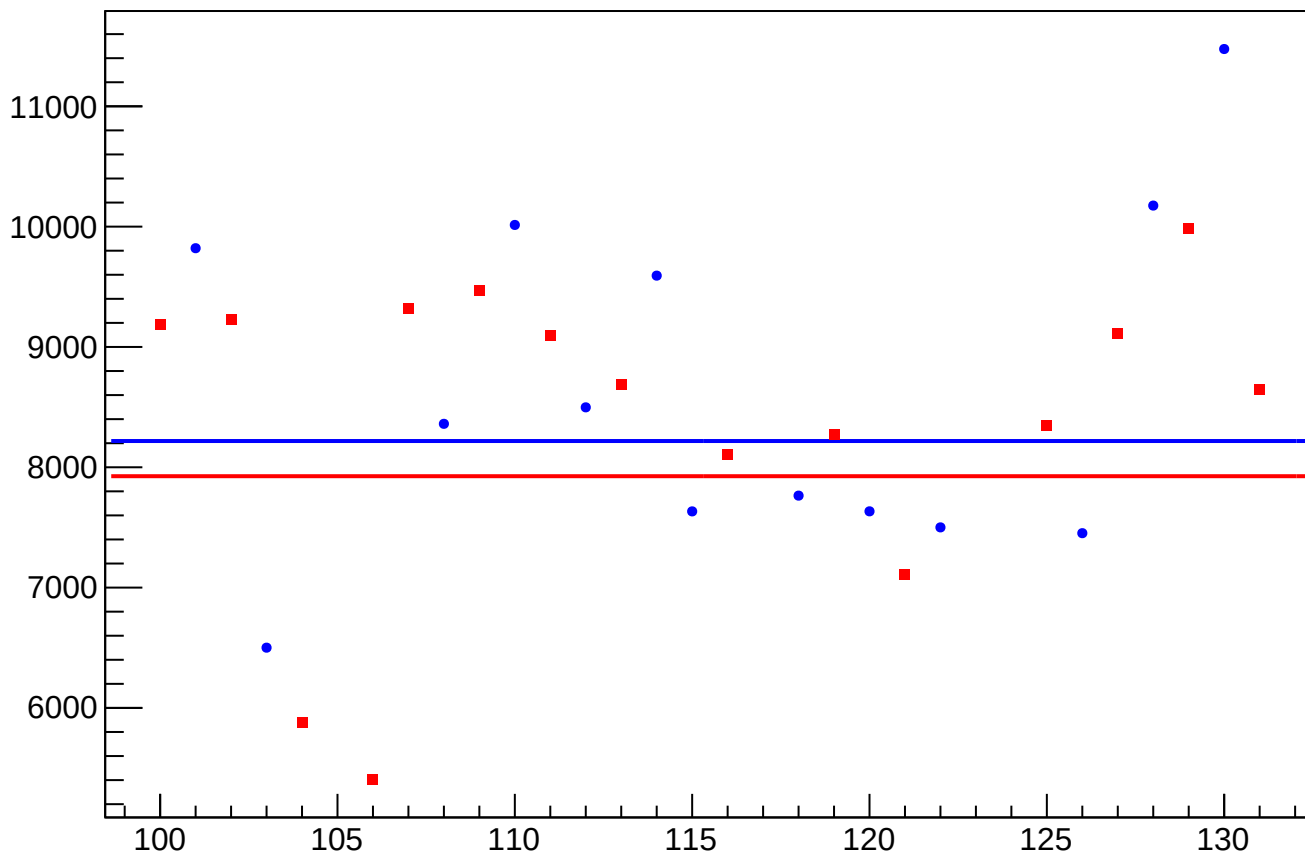
Right: -937.228+/-2408.585 χ^2/NDF : 26.1/27

In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -937.228+/-2408.585 χ^2/NDF : 26.1/27

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7925.794+/-2.316 χ^2/NDF : 397135.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

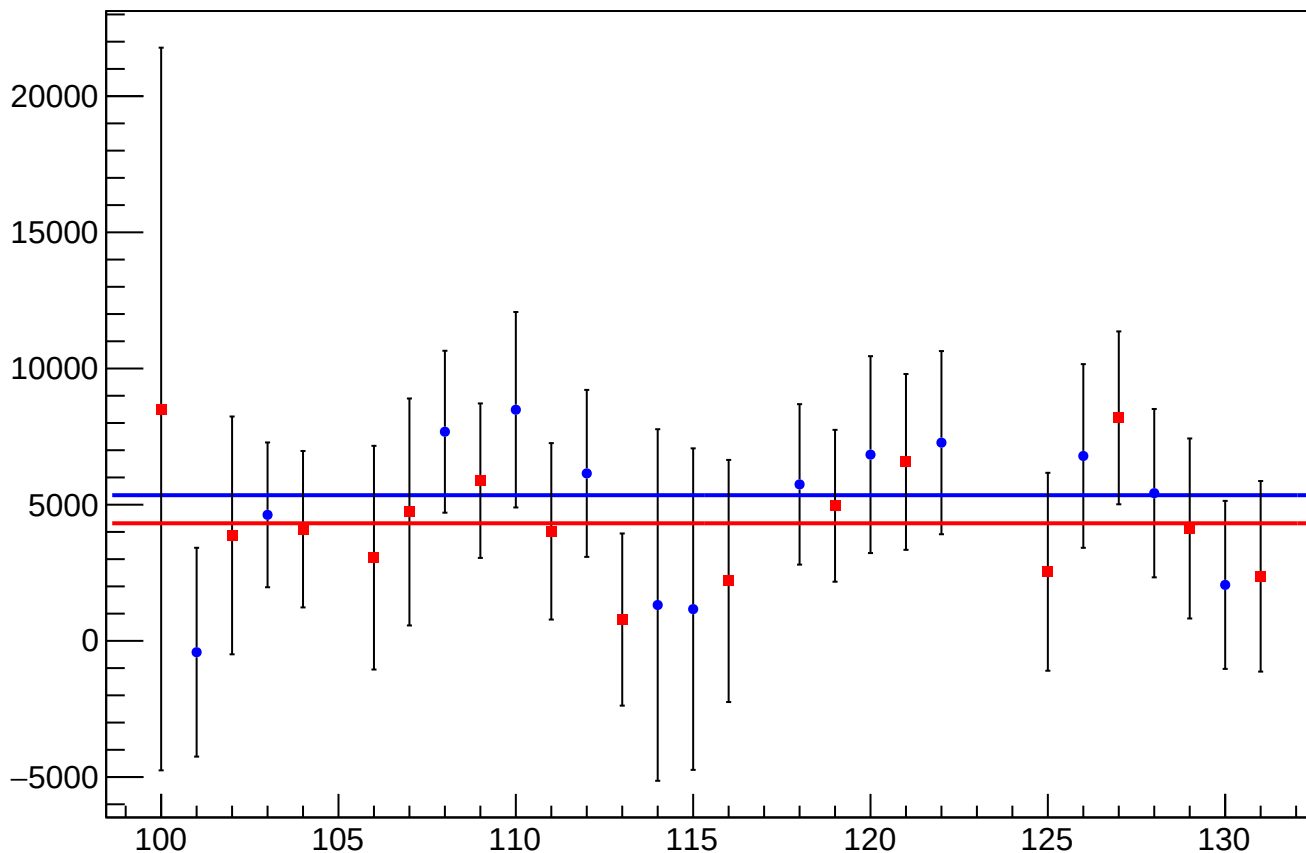
Right: 8060.026+/-1.703 χ^2/NDF : 699693.8/27

In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8060.026+/-1.703 χ^2/NDF : 699693.8/27

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5348.614+/-937.645 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4317.514+/-898.191 χ^2/NDF : 4.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

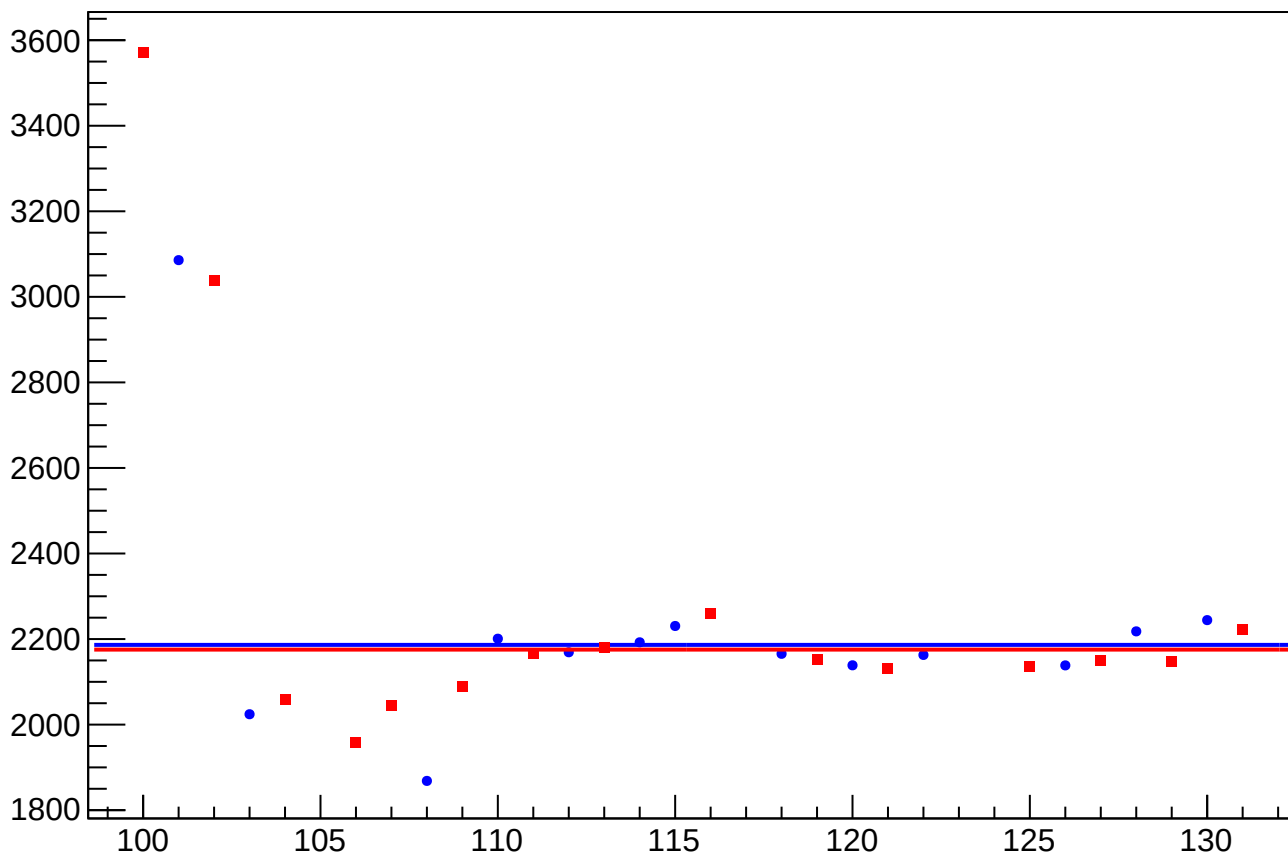
Right: 4810.915+/-648.617 χ^2/NDF : 11.7/27

In: 5348.614+/-937.645 χ^2/NDF : 6.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4810.915+/-648.617 χ^2/NDF : 11.7/27

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2186.390+/-0.663 χ^2/NDF : 142478.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.363+/-0.635 χ^2/NDF : 115445.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

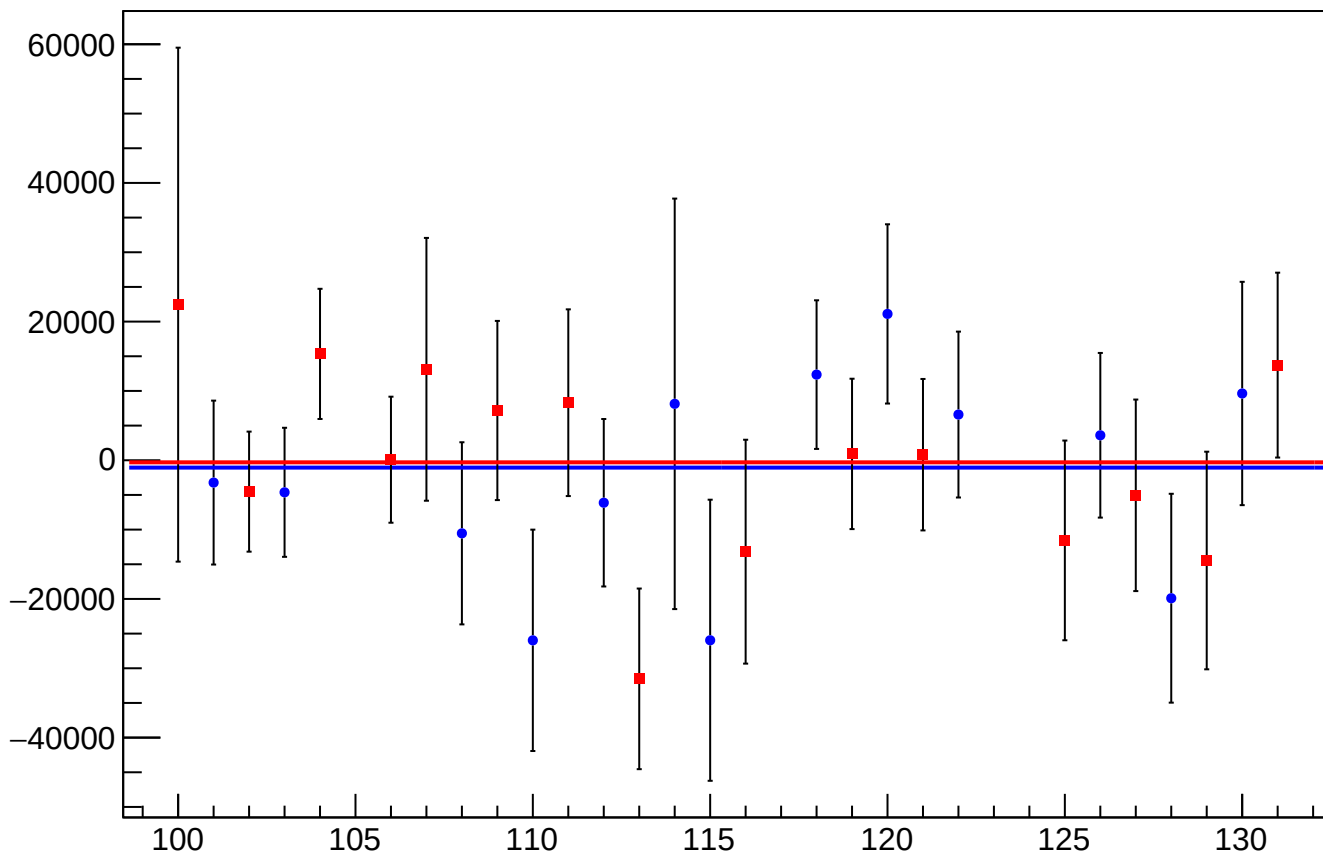
Right: 2180.636+/-0.458 χ^2/NDF : 258068.6/27

In: 2186.390+/-0.663 χ^2/NDF : 142478.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.636+/-0.458 χ^2/NDF : 258068.6/27

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1058.763 ± 3630.070 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -297.842 ± 3191.403 $\chi^2/\text{NDF}: 13.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

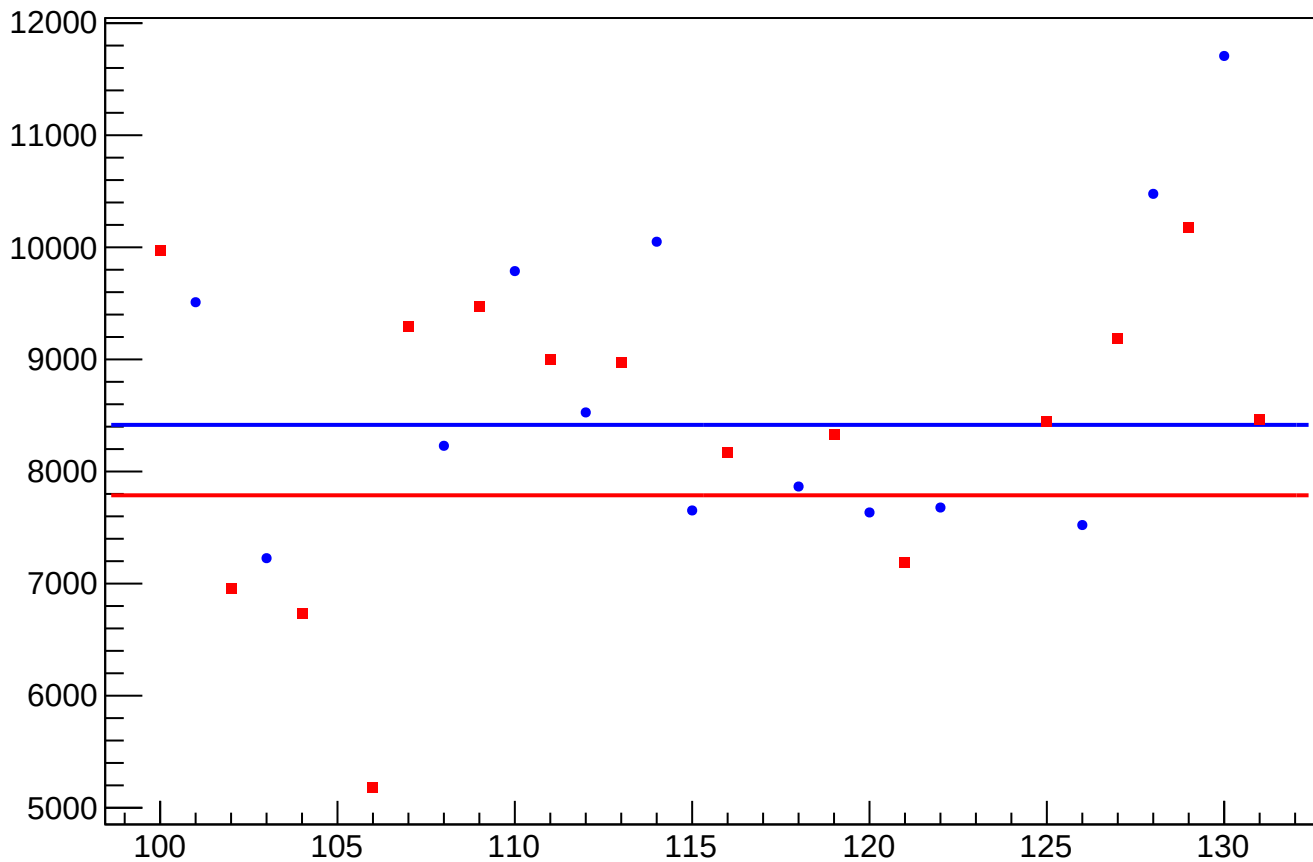
Right: -629.572 ± 2396.830 $\chi^2/\text{NDF}: 25.7/27$

In: -1058.763 ± 3630.070 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -629.572 ± 2396.830 $\chi^2/\text{NDF}: 25.7/27$

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8416.002+/-2.567 χ^2/NDF : 226548.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7787.792+/-2.257 χ^2/NDF : 382193.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

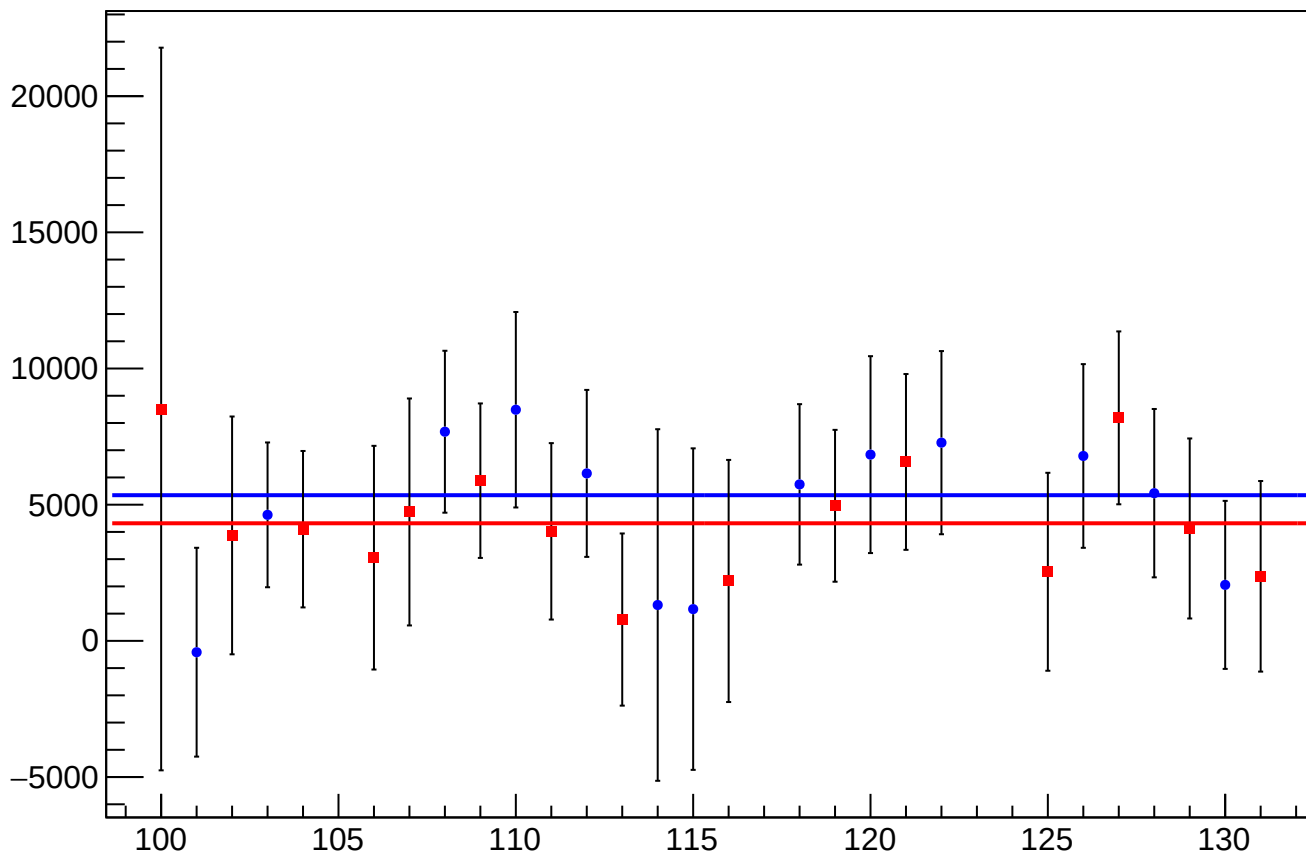
Right: 8061.665+/-1.695 χ^2/NDF : 642527.1/27

In: 8416.002+/-2.567 χ^2/NDF : 226548.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8061.665+/-1.695 χ^2/NDF : 642527.1/27

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5348.618+/-937.645 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4317.523+/-898.191 χ^2/NDF : 4.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

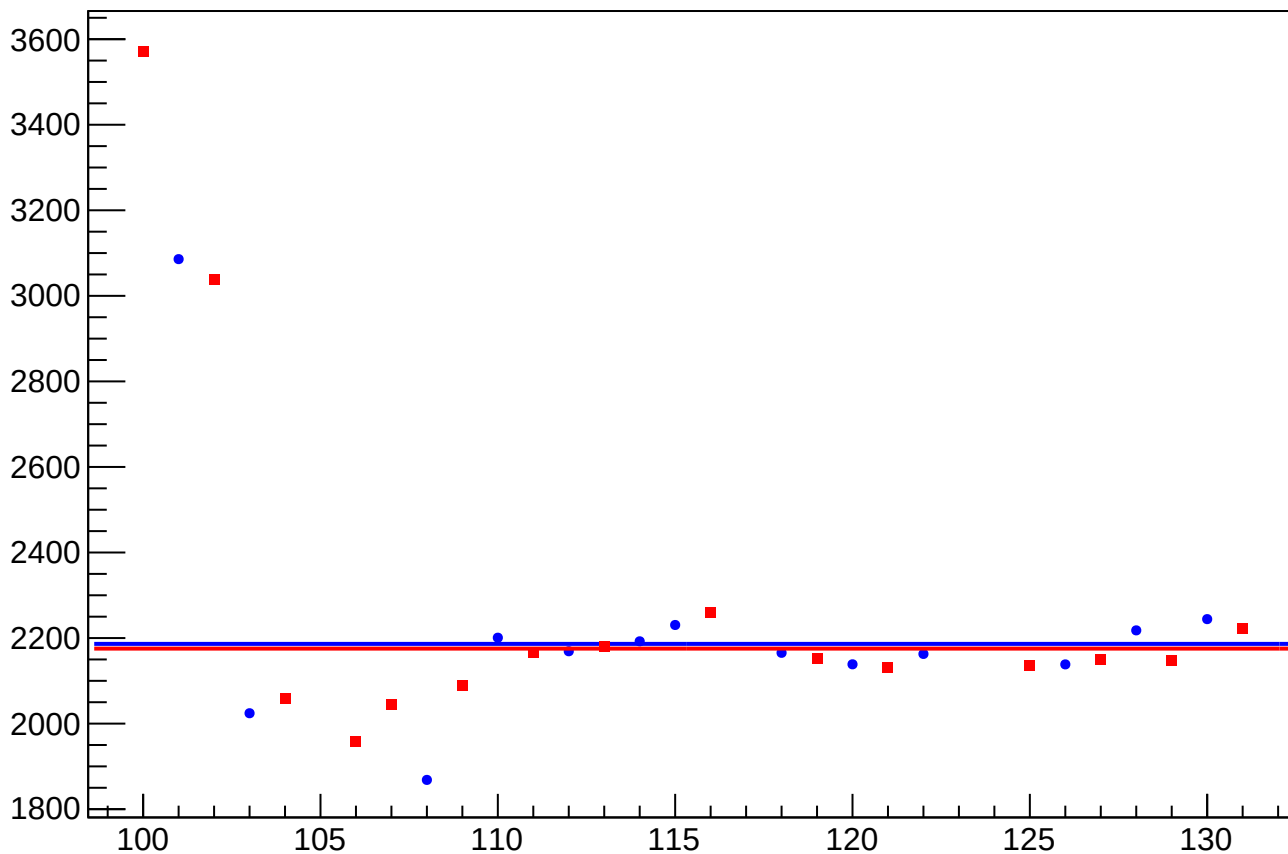
Right: 4810.921+/-648.616 χ^2/NDF : 11.7/27

In: 5348.618+/-937.645 χ^2/NDF : 6.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4810.921+/-648.616 χ^2/NDF : 11.7/27

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2186.389+/-0.663 χ^2/NDF : 142478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.362+/-0.635 χ^2/NDF : 115445.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

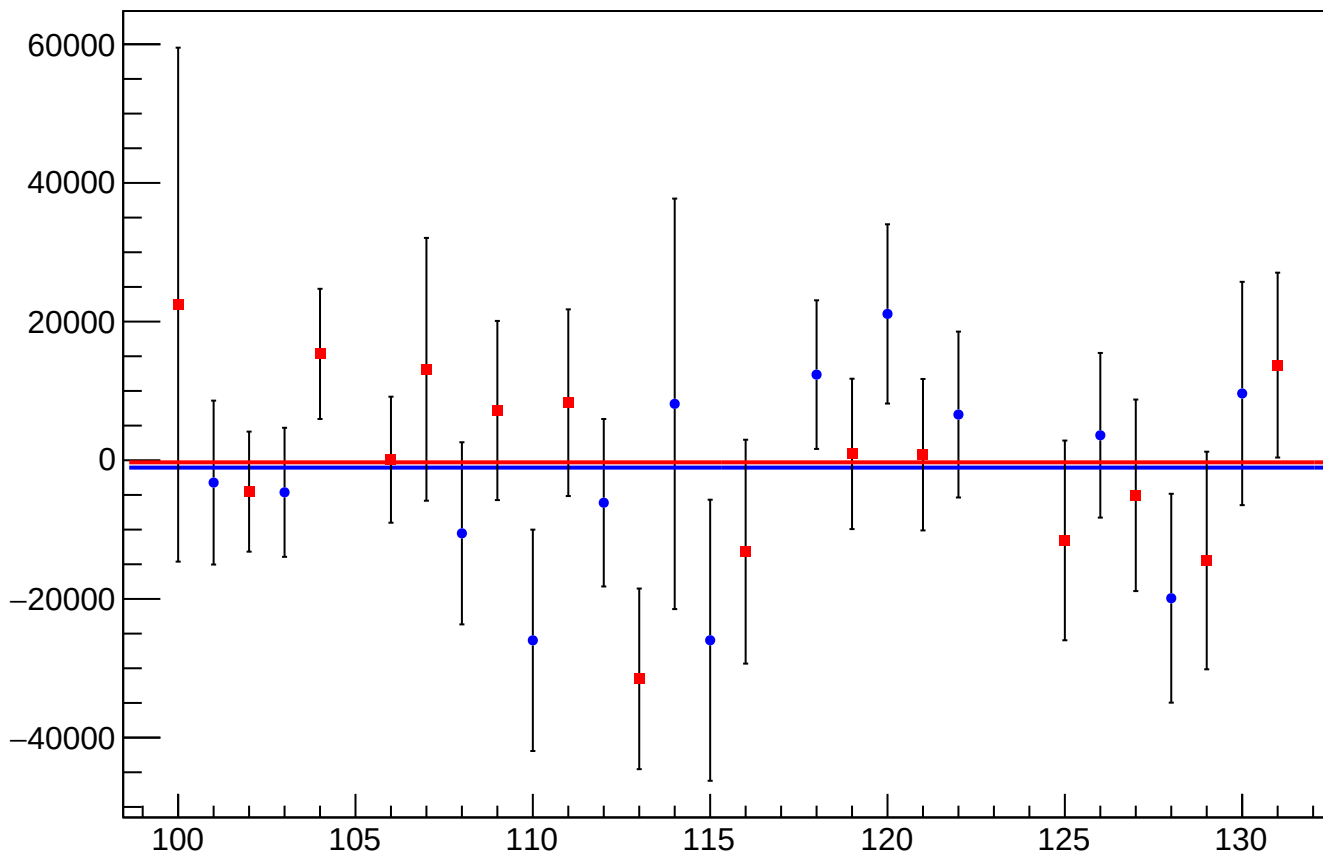
Right: 2180.635+/-0.458 χ^2/NDF : 258068.5/27

In: 2186.389+/-0.663 χ^2/NDF : 142478.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.635+/-0.458 χ^2/NDF : 258068.5/27

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1058.748+/-3630.059 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -297.835+/-3191.394 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

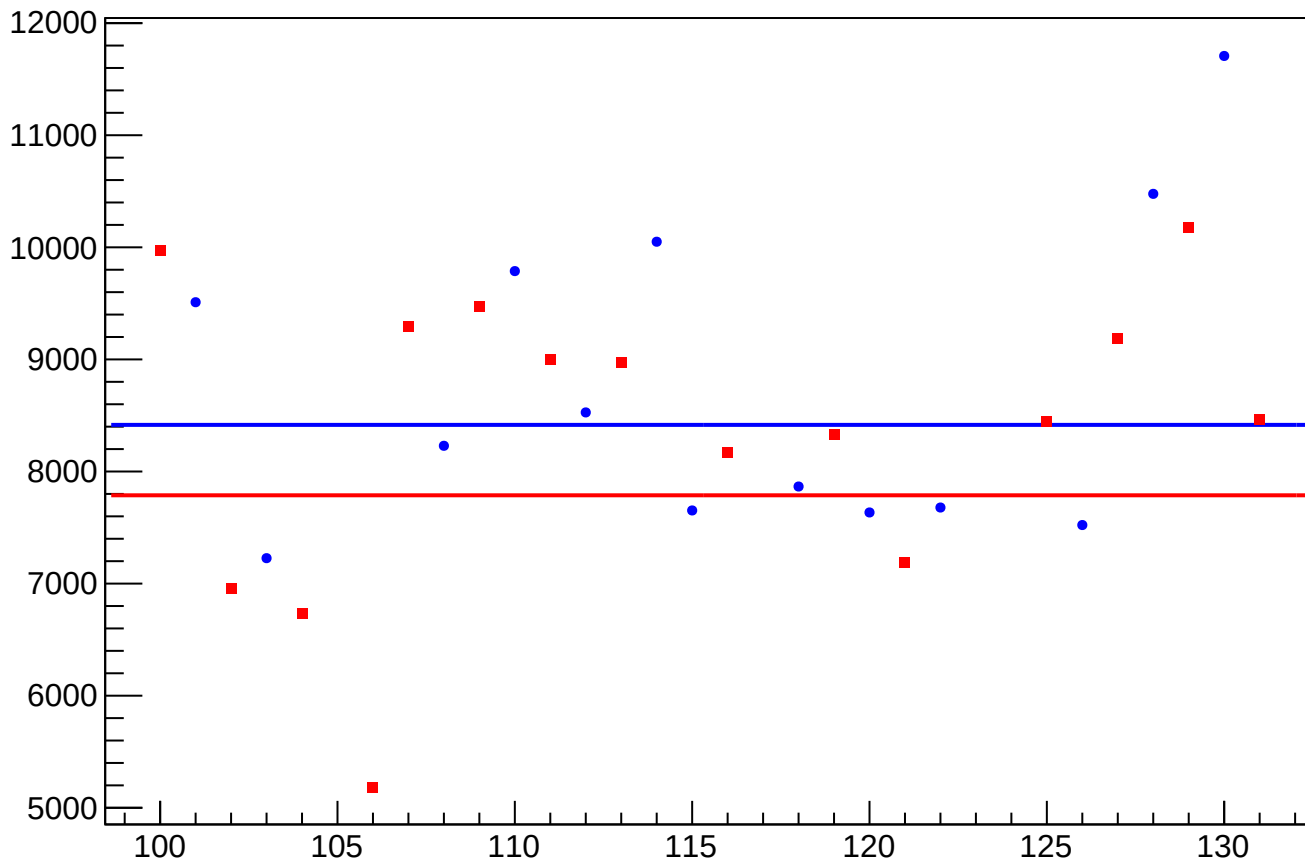
Right: -629.561+/-2396.824 χ^2/NDF : 25.7/27

In: -1058.748+/-3630.059 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.561+/-2396.824 χ^2/NDF : 25.7/27

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8415.976+/-2.567 χ^2/NDF : 226548.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7787.773+/-2.257 χ^2/NDF : 382190.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

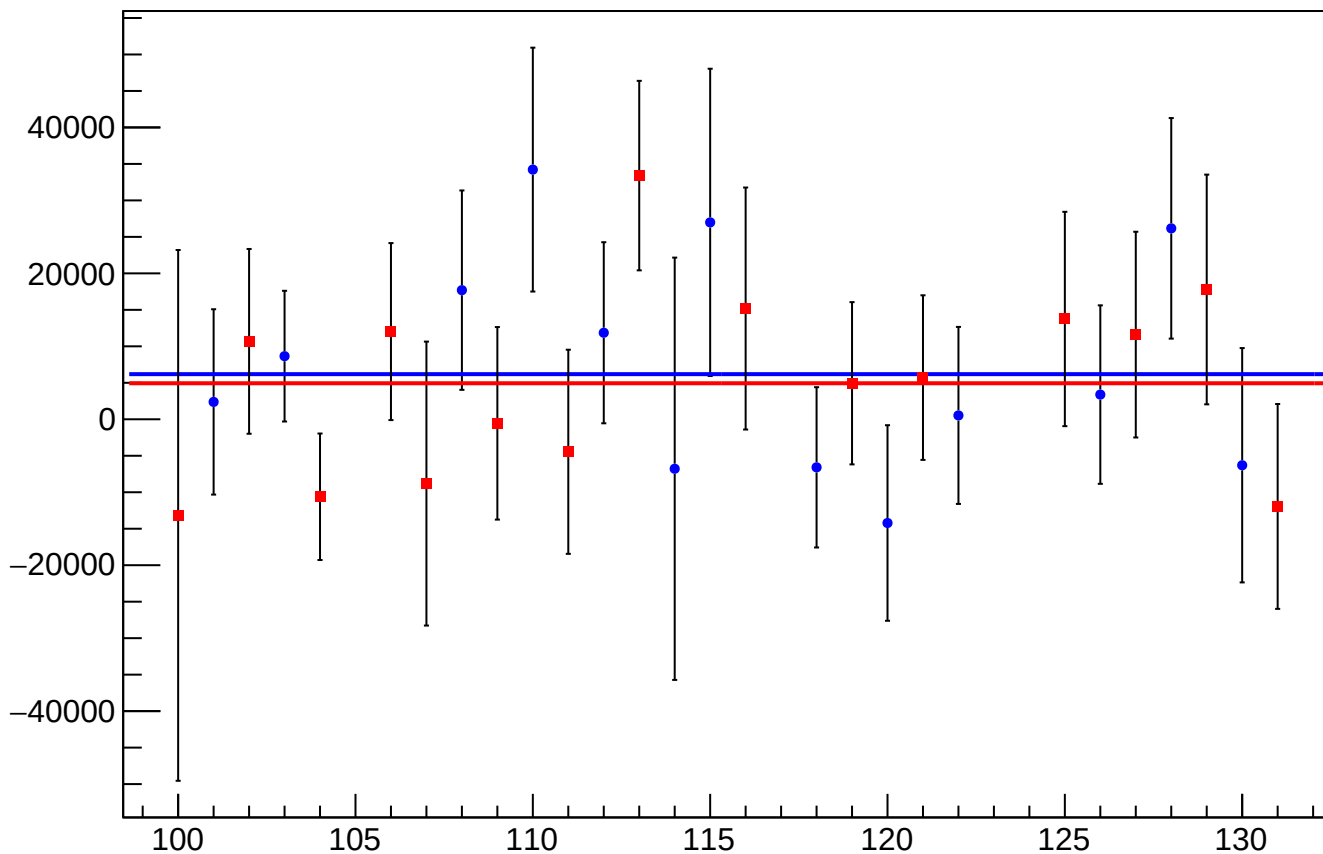
Right: 8061.643+/-1.695 χ^2/NDF : 642523.2/27

In: 8415.976+/-2.567 χ^2/NDF : 226548.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8061.643+/-1.695 χ^2/NDF : 642523.2/27

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6185.324+/-3697.825 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4938.328+/-3432.426 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

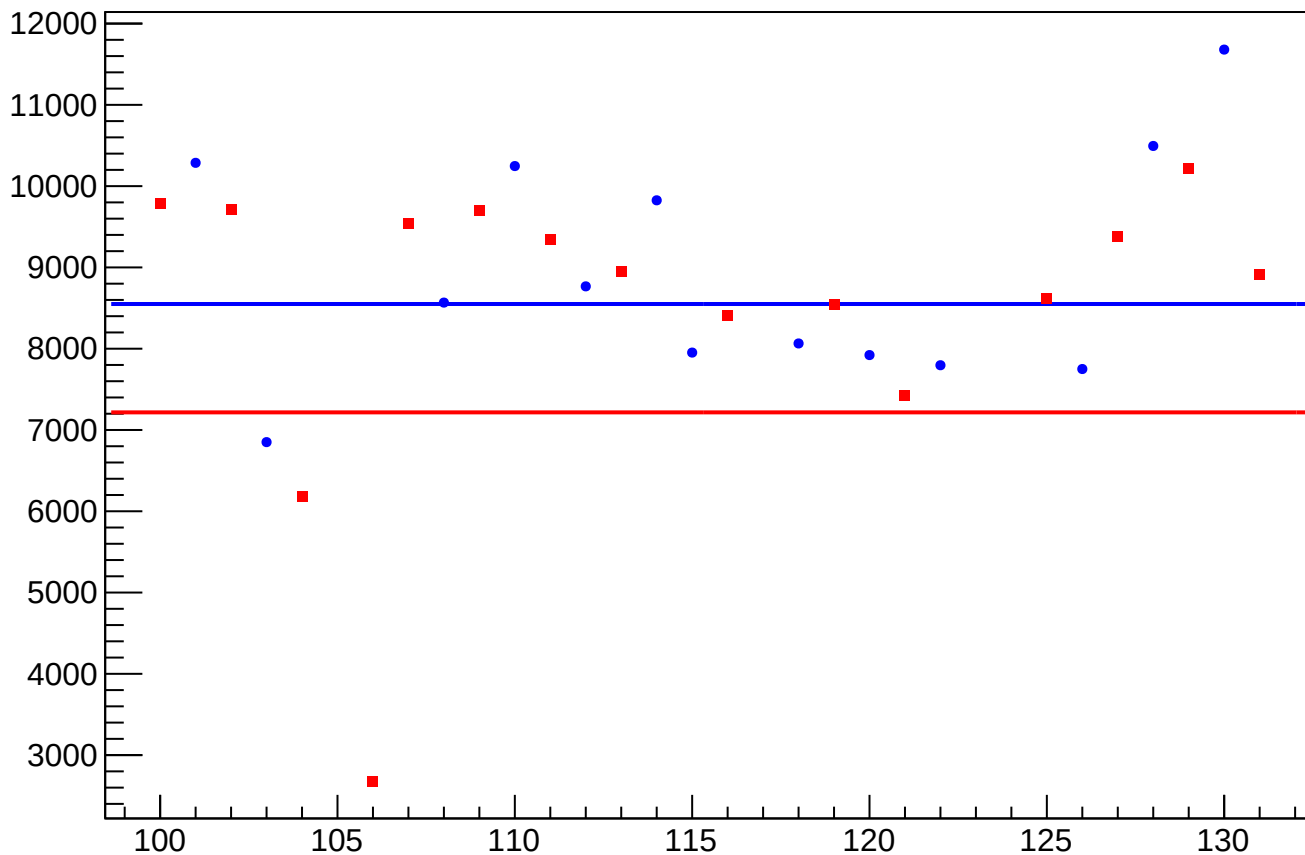
Right: 5515.475+/-2515.690 χ^2/NDF : 24.5/27

In: 6185.324+/-3697.825 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5515.475+/-2515.690 χ^2/NDF : 24.5/27

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8549.882+/-2.615 χ^2/NDF : 269771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7216.664+/-2.234 χ^2/NDF : 1413610.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

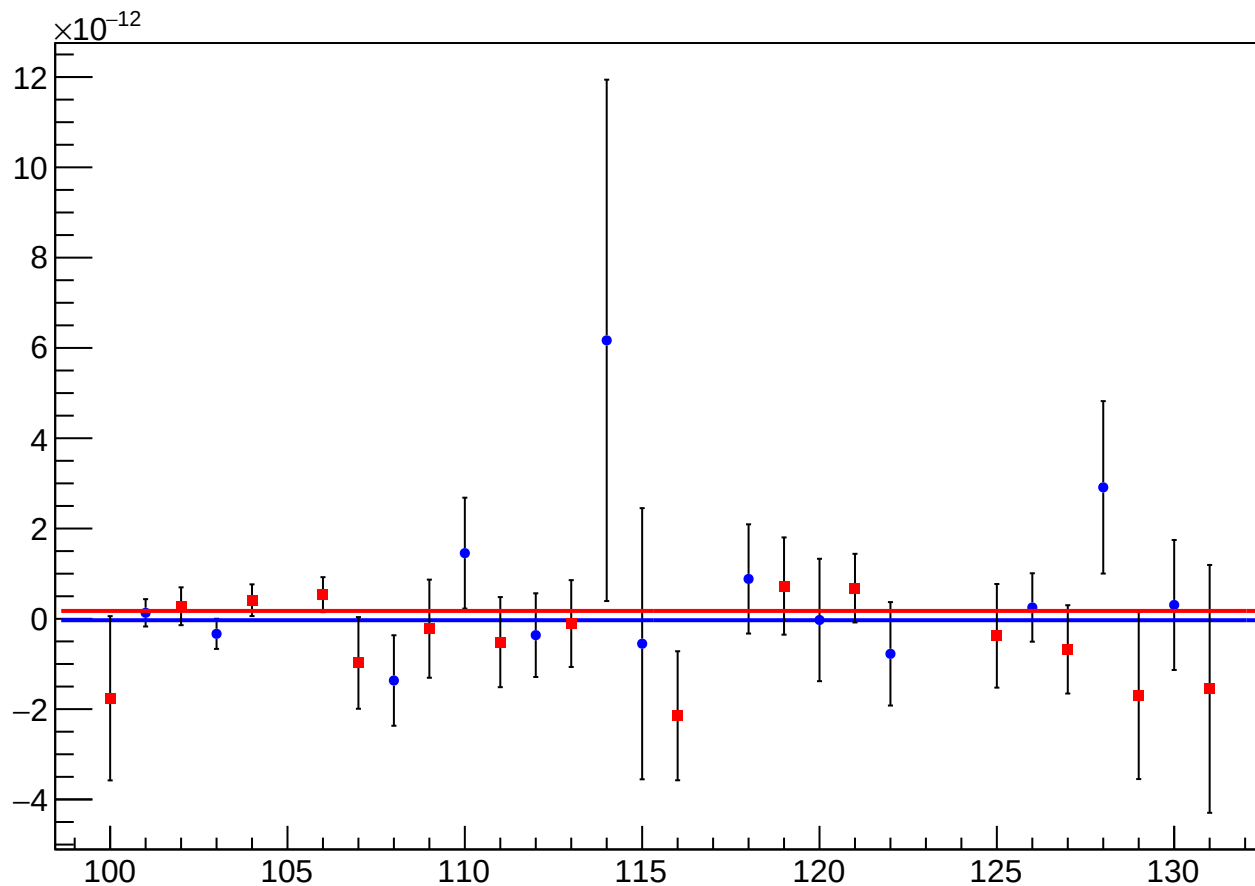
Right: 7779.333+/-1.699 χ^2/NDF : 1833644.6/27

In: 8549.882+/-2.615 χ^2/NDF : 269771.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7779.333+/-1.699 χ^2/NDF : 1833644.6/27

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

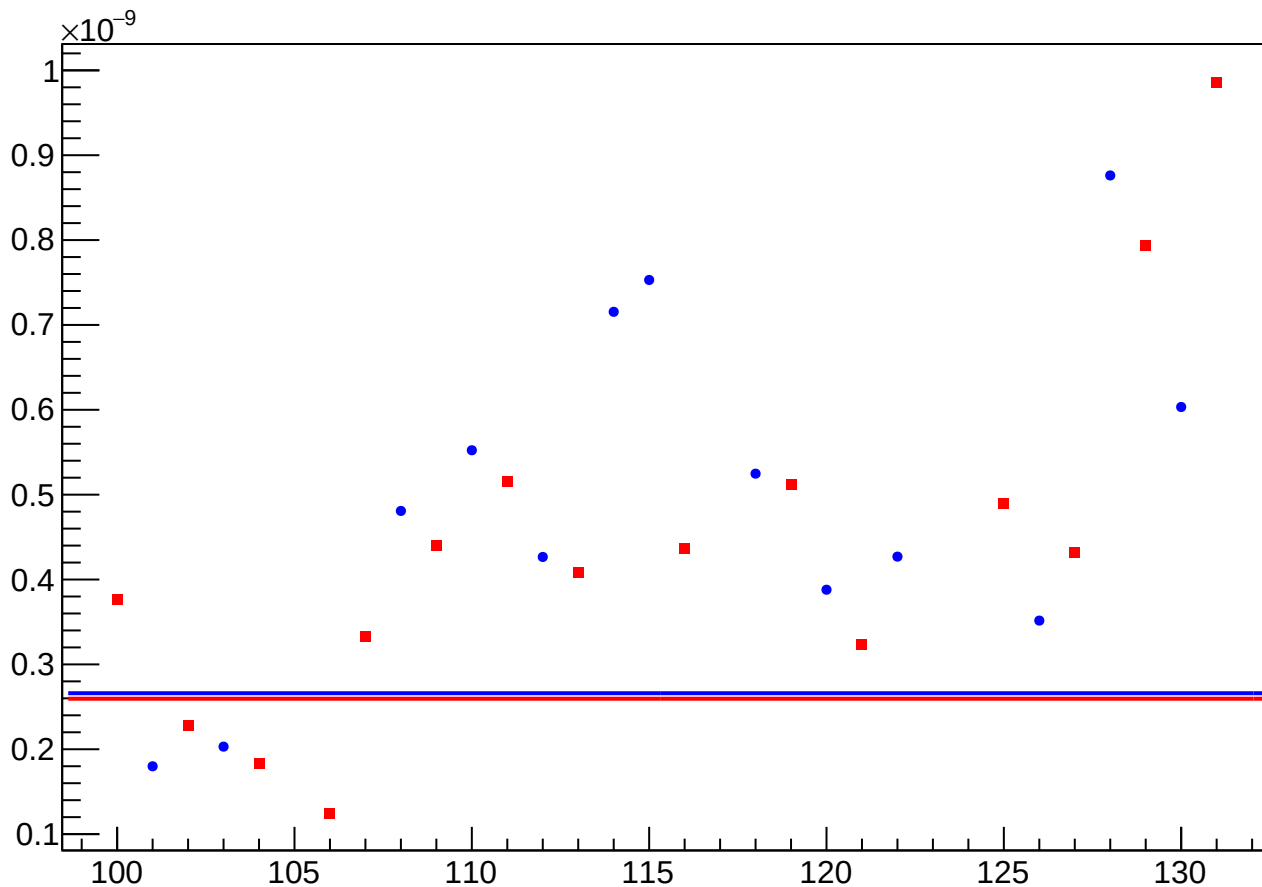
Right: 0.000+/-0.000 χ^2/NDF : 20.1/27

In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/27

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1044603.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1207786.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

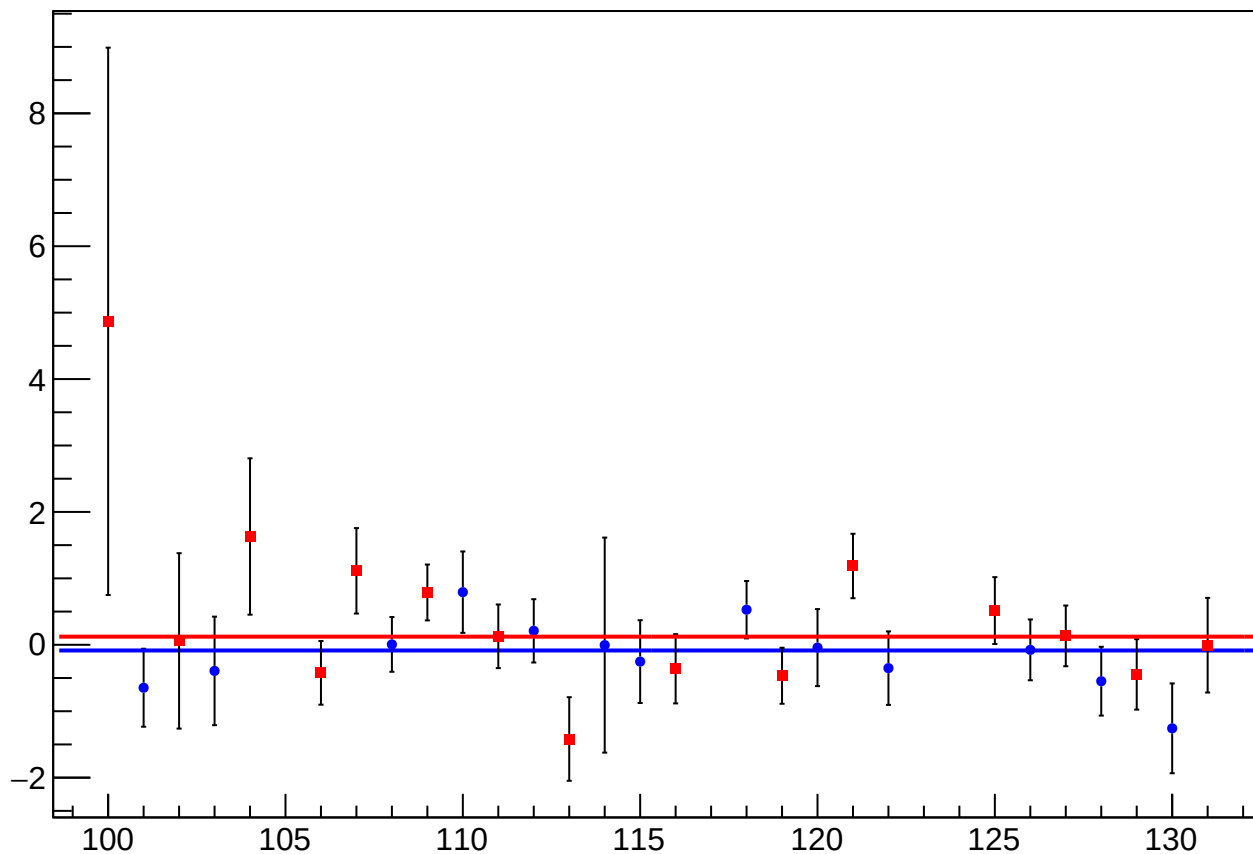
Right: 0.000+/-0.000 χ^2/NDF : 2253579.9/27

In: 0.000+/-0.000 χ^2/NDF : 1044603.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2253579.9/27

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.153 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.123+/-0.144 χ^2/NDF : 24.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

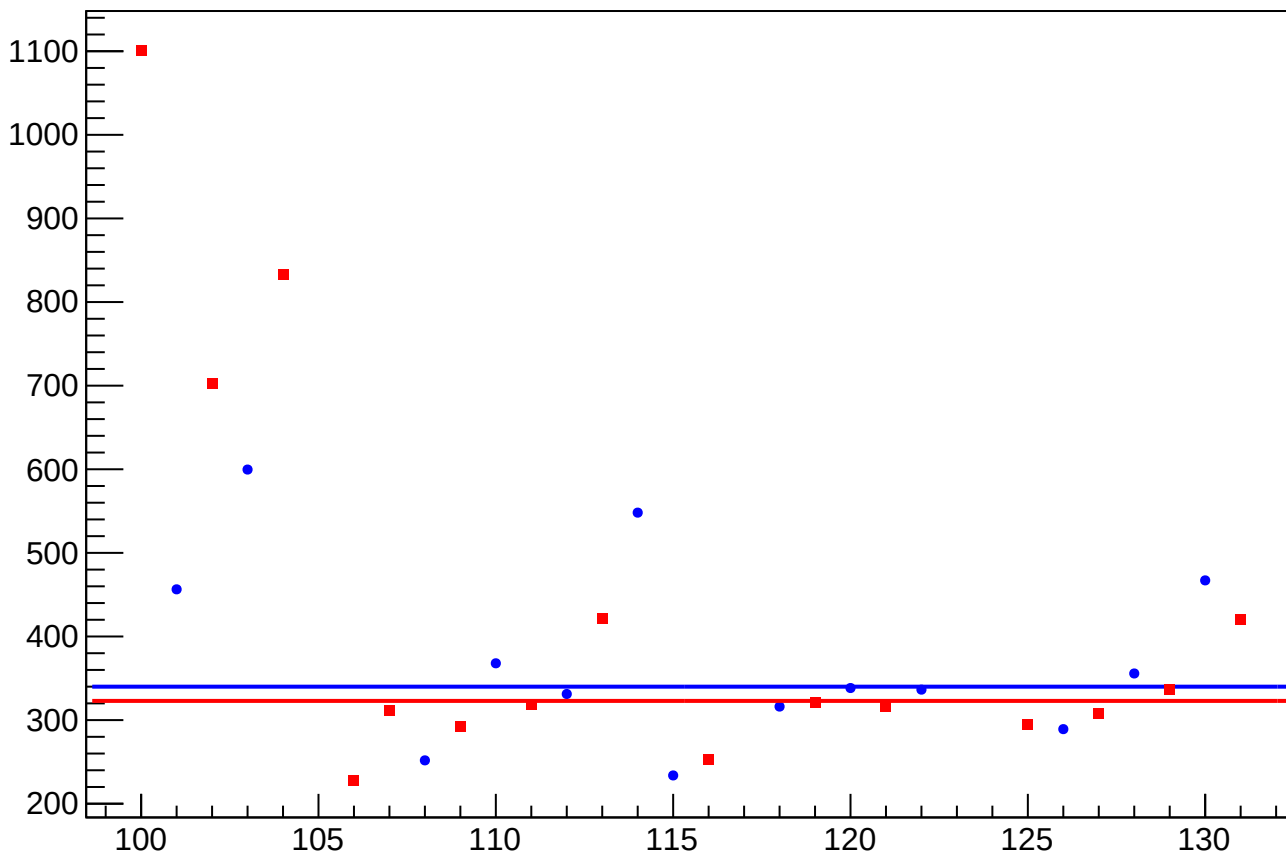
Right: 0.025+/-0.105 χ^2/NDF : 35.2/27

In: -0.086+/-0.153 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.105 χ^2/NDF : 35.2/27

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.988+/-0.108 χ^2/NDF : 571853.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.952+/-0.102 χ^2/NDF : 835901.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

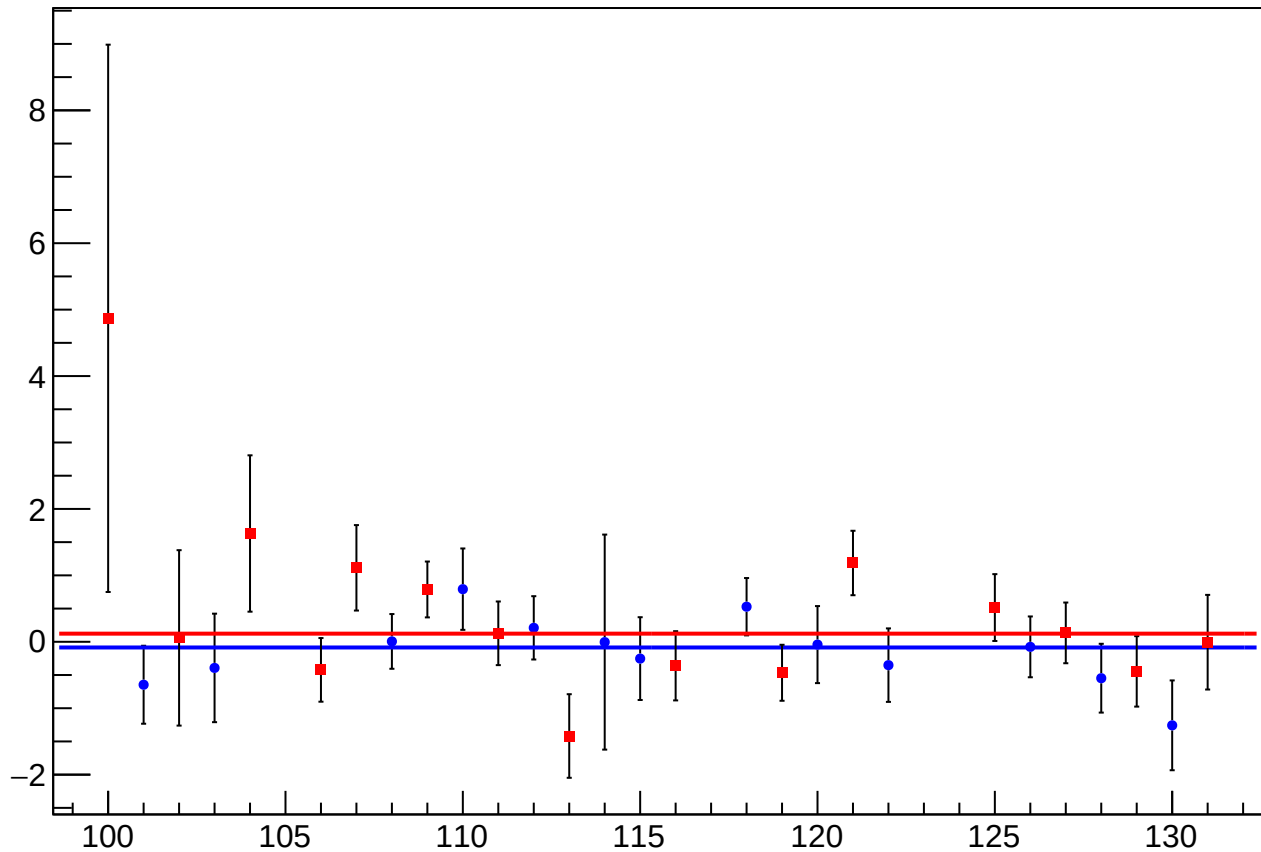
Right: 330.920+/-0.074 χ^2/NDF : 1420924.7/27

In: 339.988+/-0.108 χ^2/NDF : 571853.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.920+/-0.074 χ^2/NDF : 1420924.7/27

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.123 ± 0.144 χ^2/NDF : 24.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

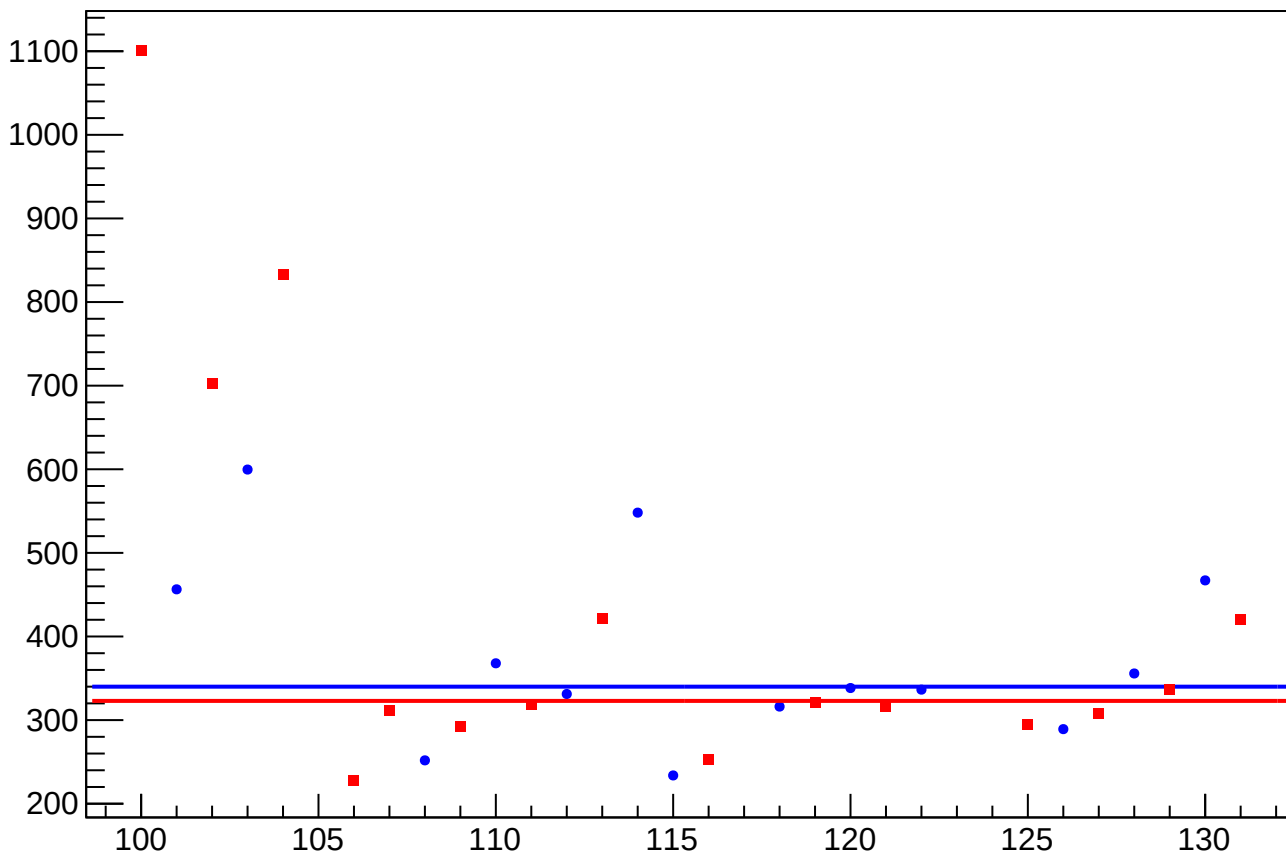
Right: 0.025 ± 0.105 χ^2/NDF : 35.2/27

In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.025 ± 0.105 χ^2/NDF : 35.2/27

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.988 $\pm$ 0.108 χ^2 /NDF: 571853.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.952 $\pm$ 0.102 χ^2 /NDF: 835901.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

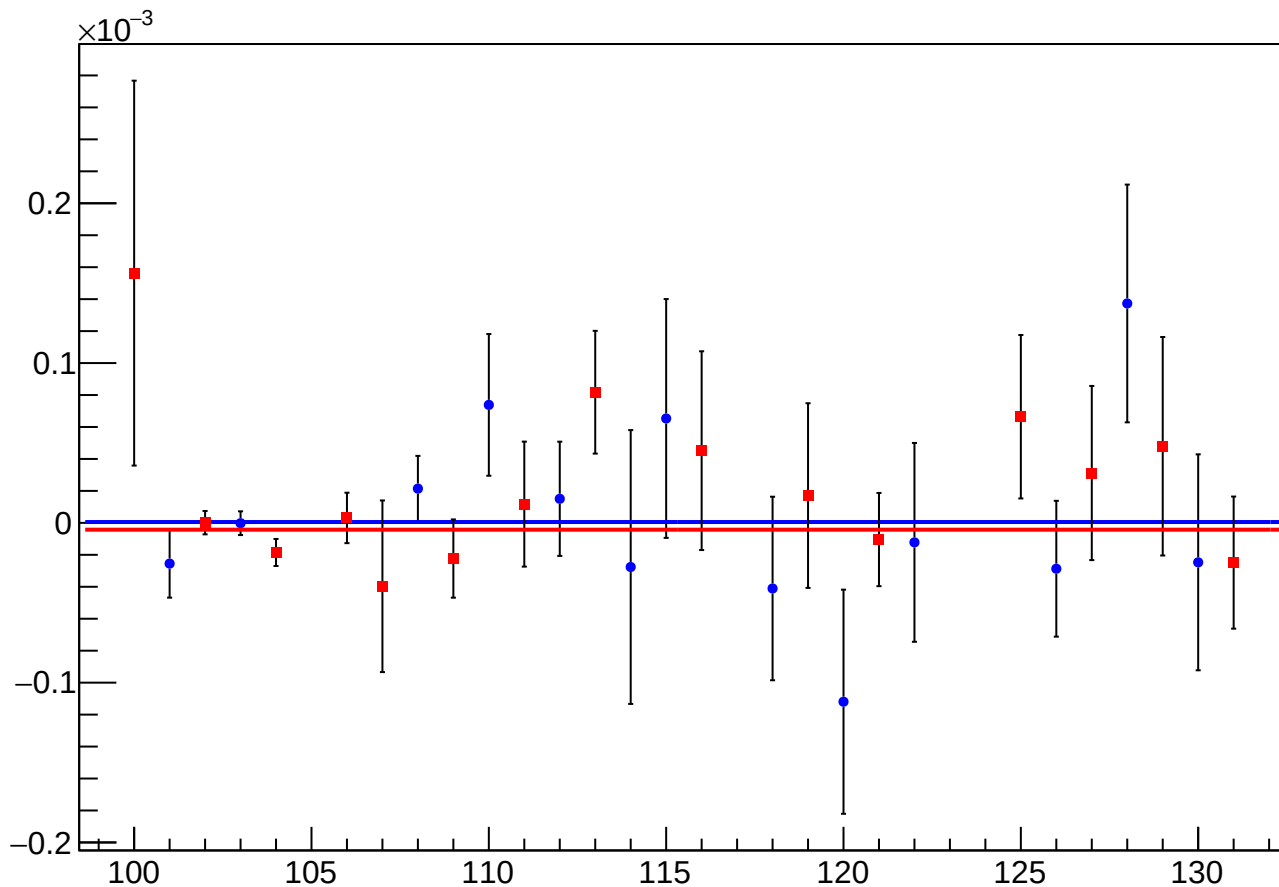
Right: 330.920 $\pm$ 0.074 χ^2 /NDF: 1420924.7/27

In: 339.988 $\pm$ 0.108 χ^2 /NDF:571853.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 330.920 $\pm$ 0.074 χ^2 /NDF: 1420924.7/27

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 : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

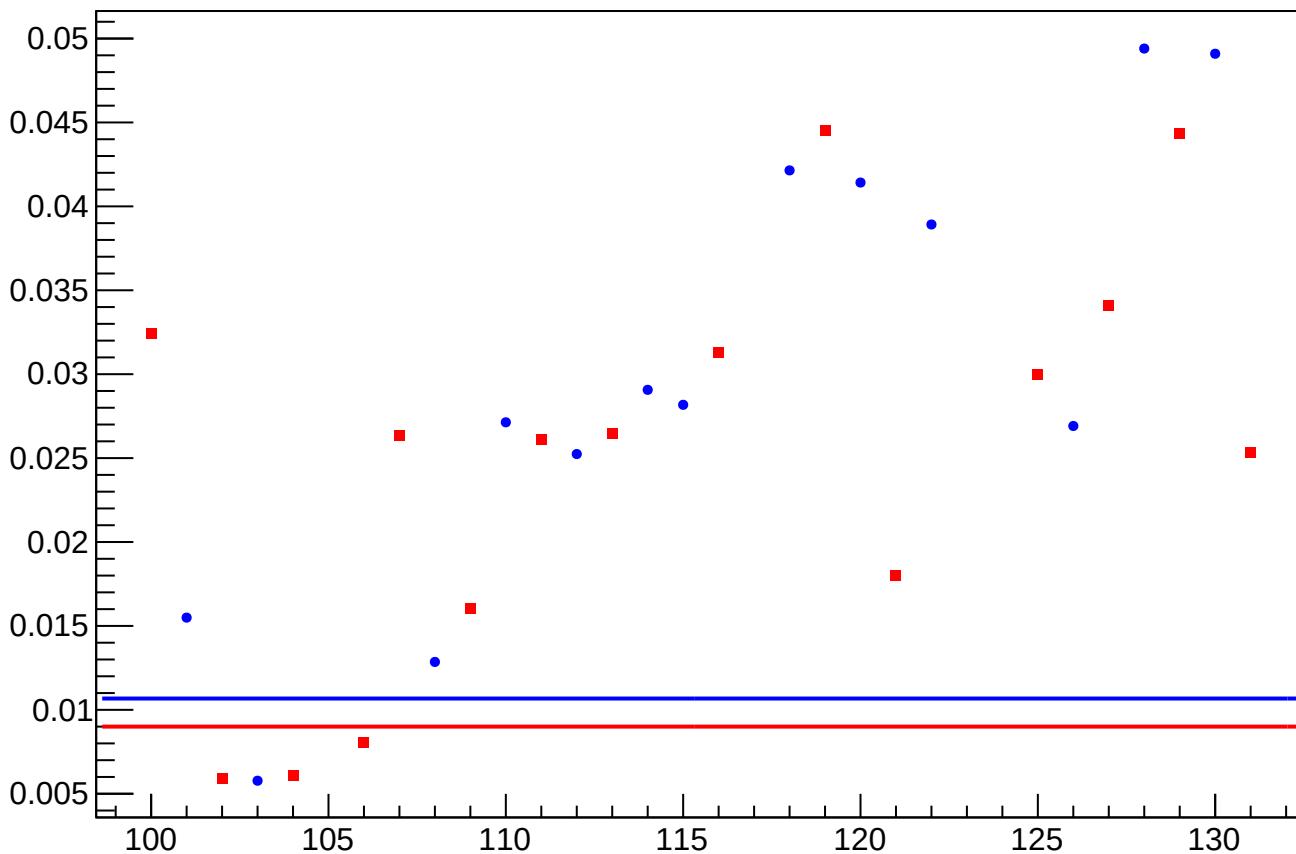
Right: -0.000+/-0.000 χ^2/NDF : 29.1/27

In: 0.000+/-0.000 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.1/27

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 : 4681478.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000

χ^2/NDF : 4663765.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.010+/-0.000

χ^2/NDF : 9436281.5/27

In: 0.011+/-0.000

χ^2/NDF : 4681478.8/12

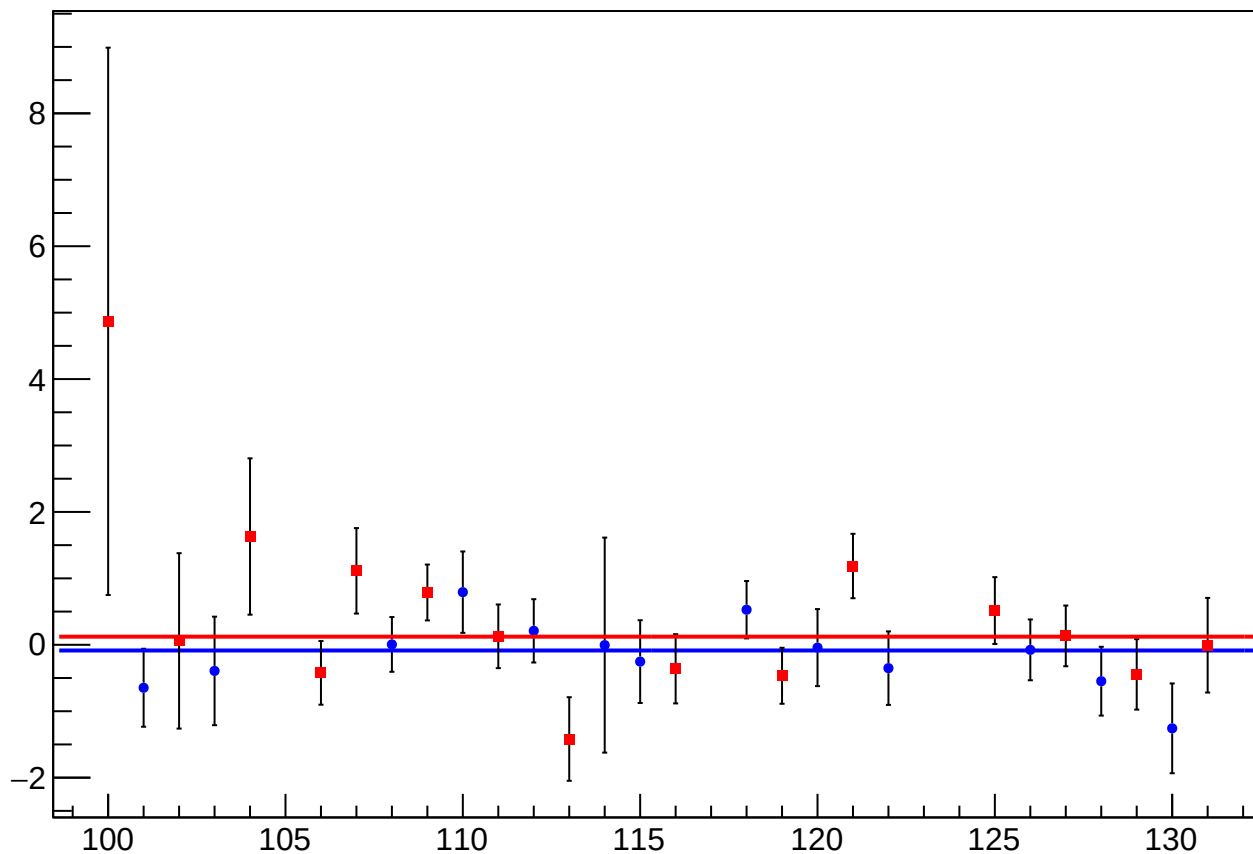
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 9436281.5/27

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086+/-0.153 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.123+/-0.144 χ^2/NDF : 24.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

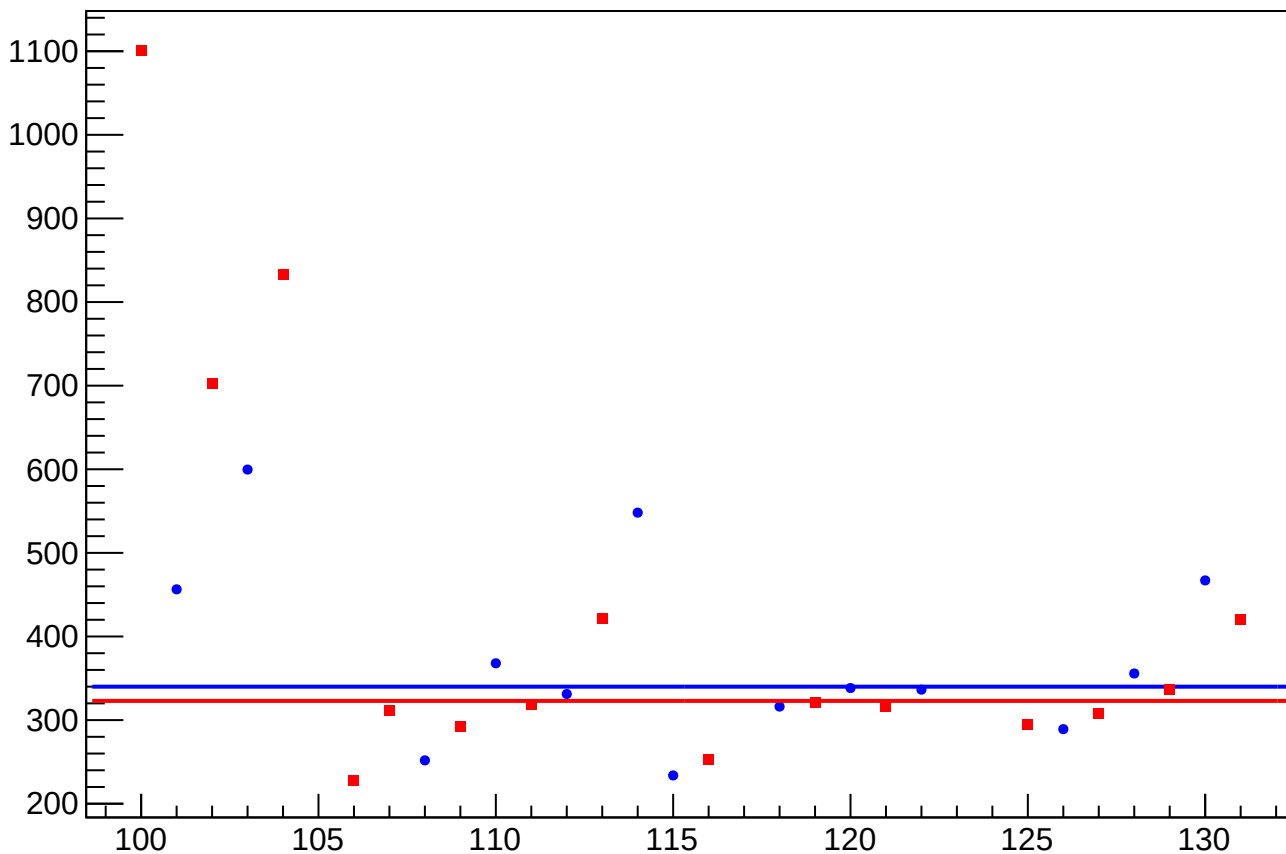
Right: 0.025+/-0.105 χ^2/NDF : 35.2/27

In: -0.086+/-0.153 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.105 χ^2/NDF : 35.2/27

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.986+/-0.108 χ^2/NDF : 571799.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.949+/-0.102 χ^2/NDF : 835878.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

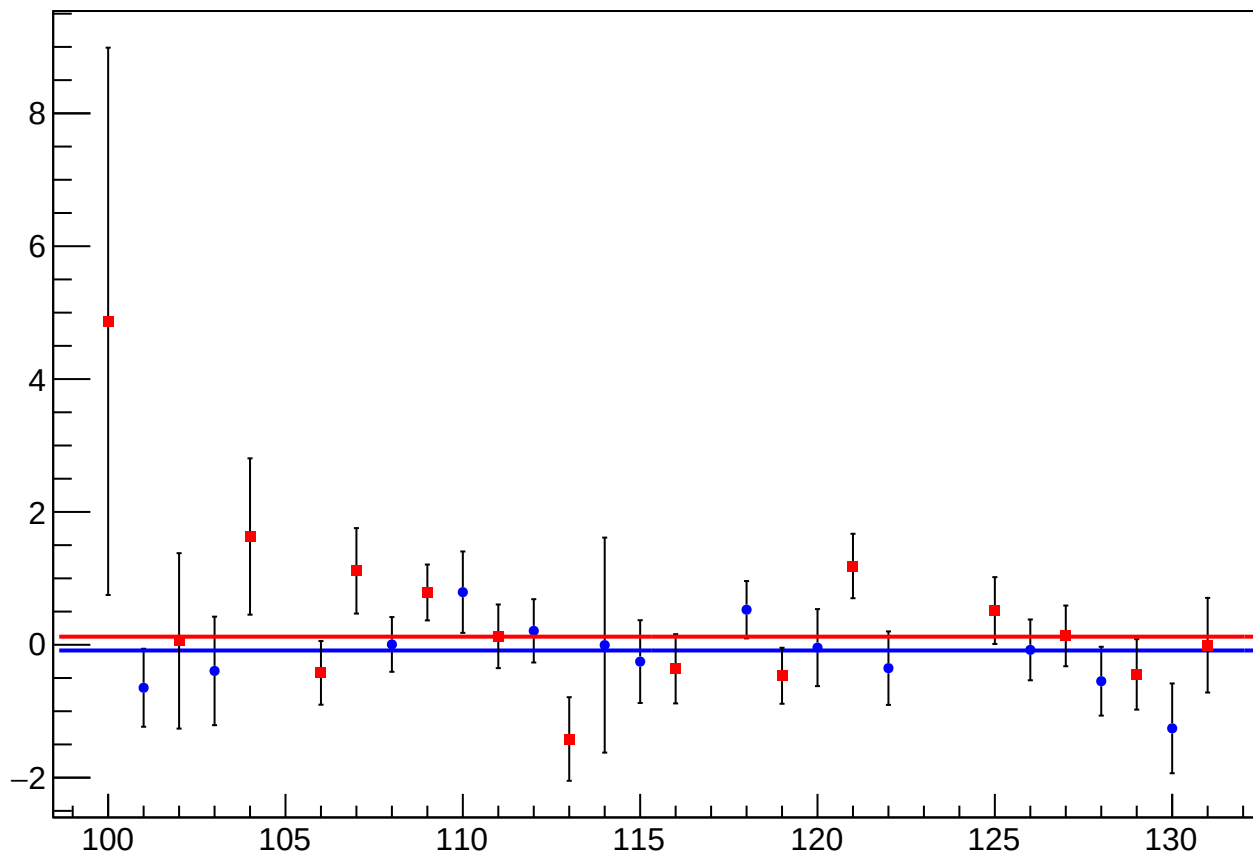
Right: 330.918+/-0.074 χ^2/NDF : 1420849.1/27

In: 339.986+/-0.108 χ^2/NDF : 571799.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.918+/-0.074 χ^2/NDF : 1420849.1/27

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086 $\pm$ 0.153 χ^2 /NDF: 9.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.123 $\pm$ 0.144 χ^2 /NDF: 24.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

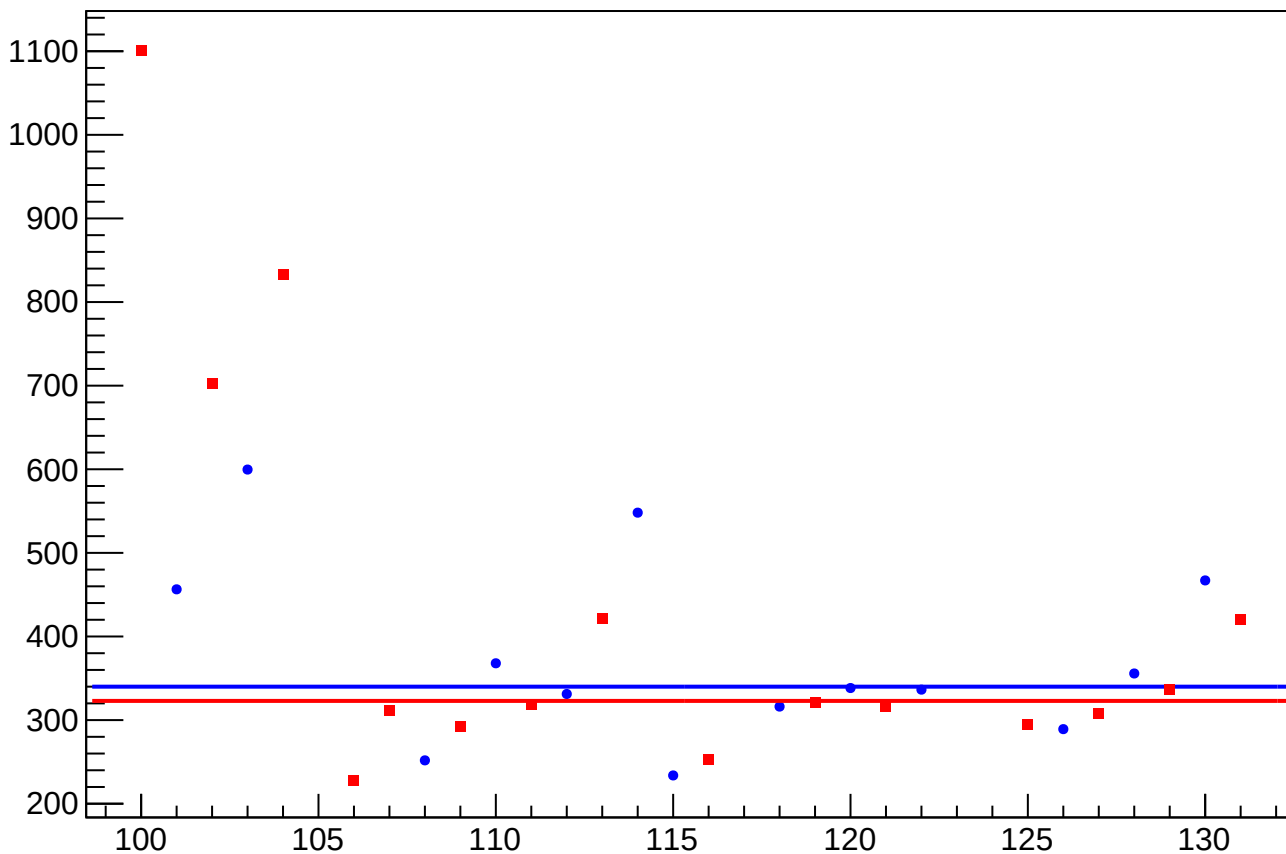
Right: 0.025 $\pm$ 0.105 χ^2 /NDF: 35.2/27

In: -0.086 $\pm$ 0.153 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.105 χ^2 /NDF: 35.2/27

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.986+/-0.108 χ^2/NDF : 571799.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.949+/-0.102 χ^2/NDF : 835878.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

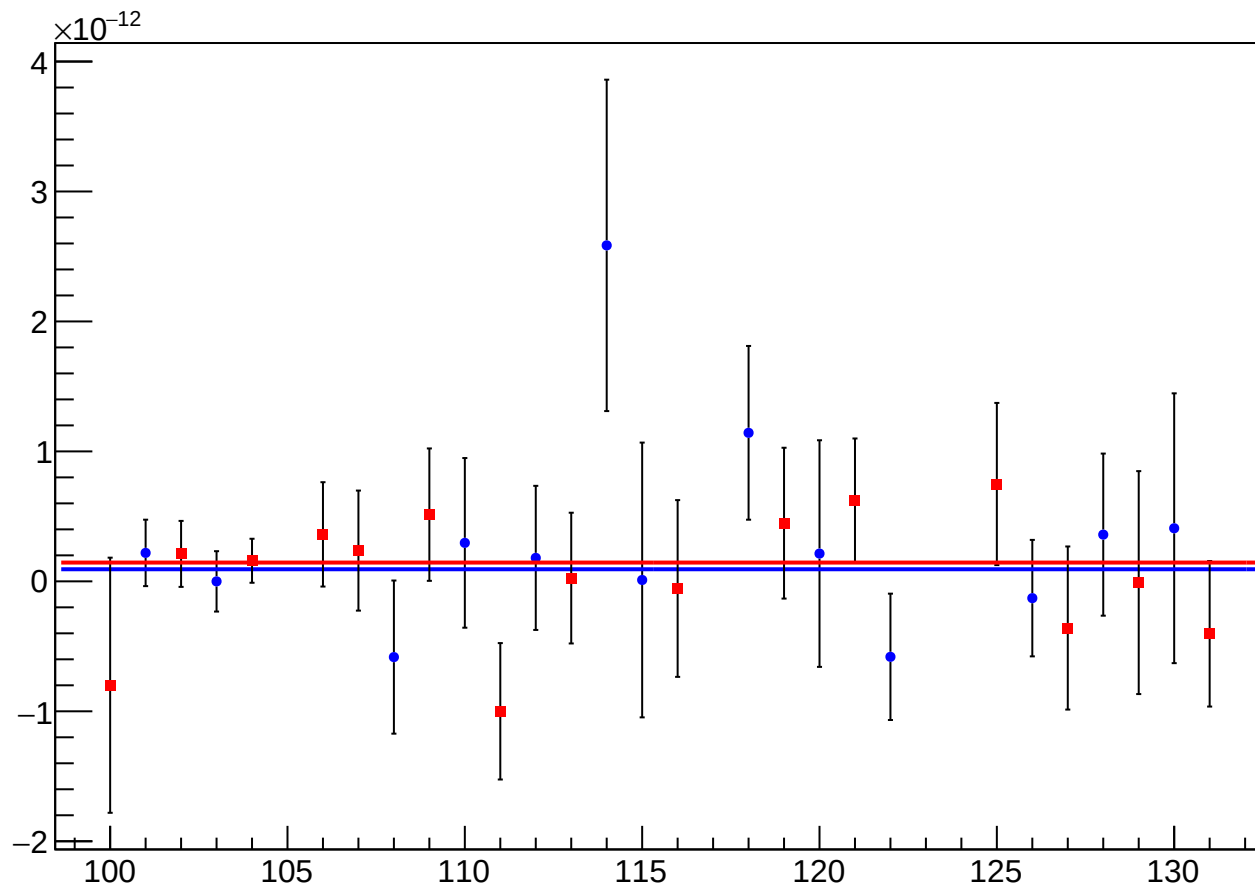
Right: 330.918+/-0.074 χ^2/NDF : 1420849.1/27

In: 339.986+/-0.108 χ^2/NDF : 571799.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.918+/-0.074 χ^2/NDF : 1420849.1/27

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 : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

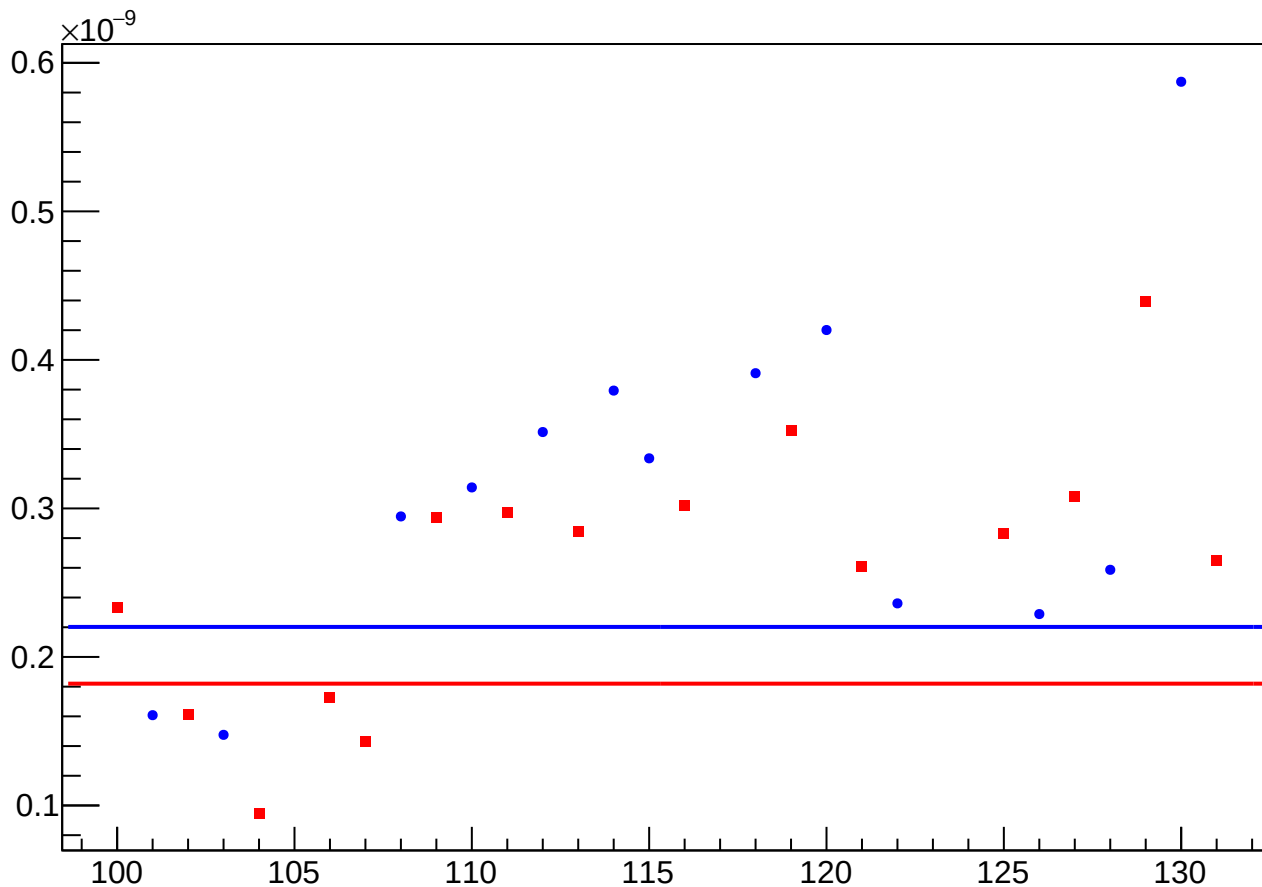
Right: 0.000+/-0.000 χ^2/NDF : 21.3/27

In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.3/27

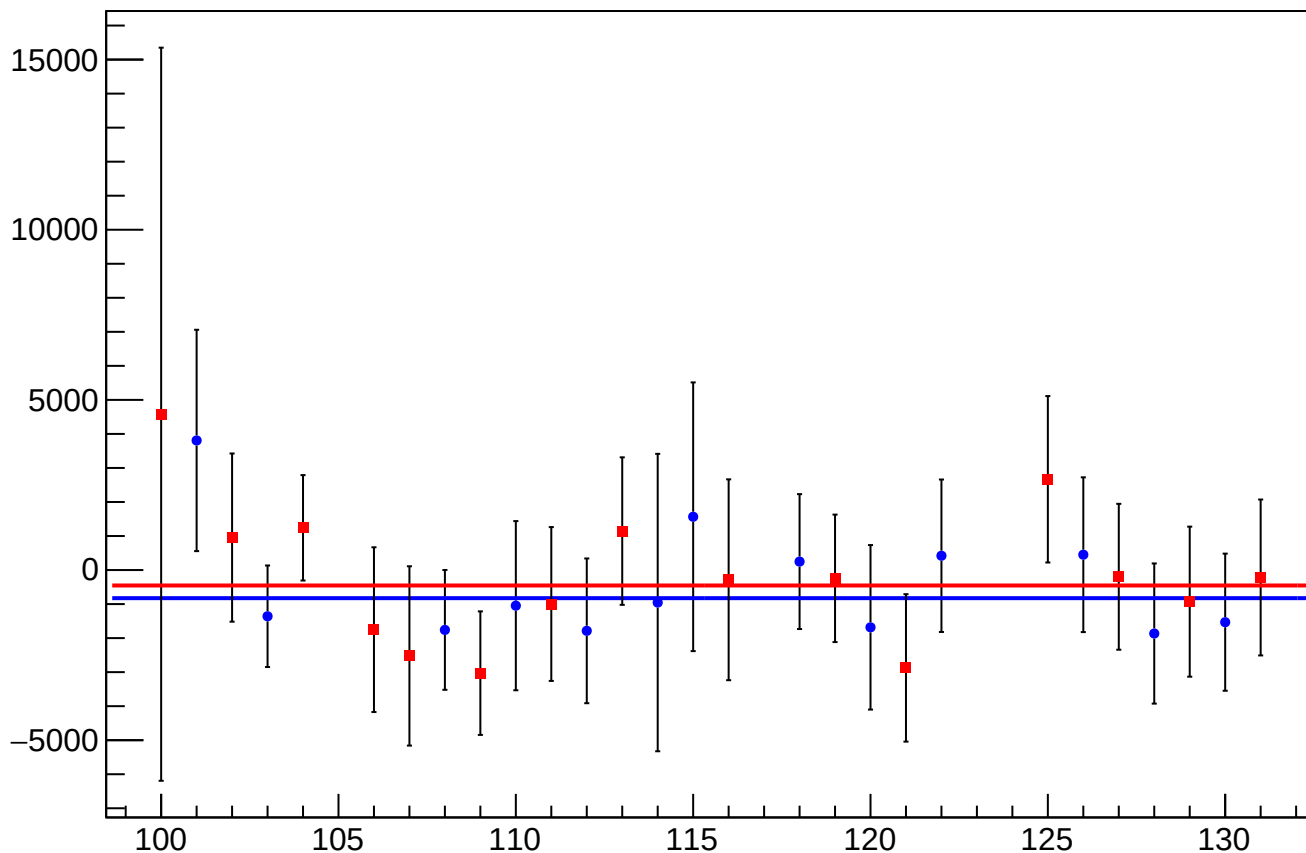
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1039442.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1490193.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2636163.9/27
 In: 0.000+/-0.000 χ^2/NDF : 1039442.7/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2636163.9/27

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -826.240 $\pm$ 612.369 χ^2 /NDF: 4.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -453.635 $\pm$ 576.346 χ^2 /NDF: 8.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

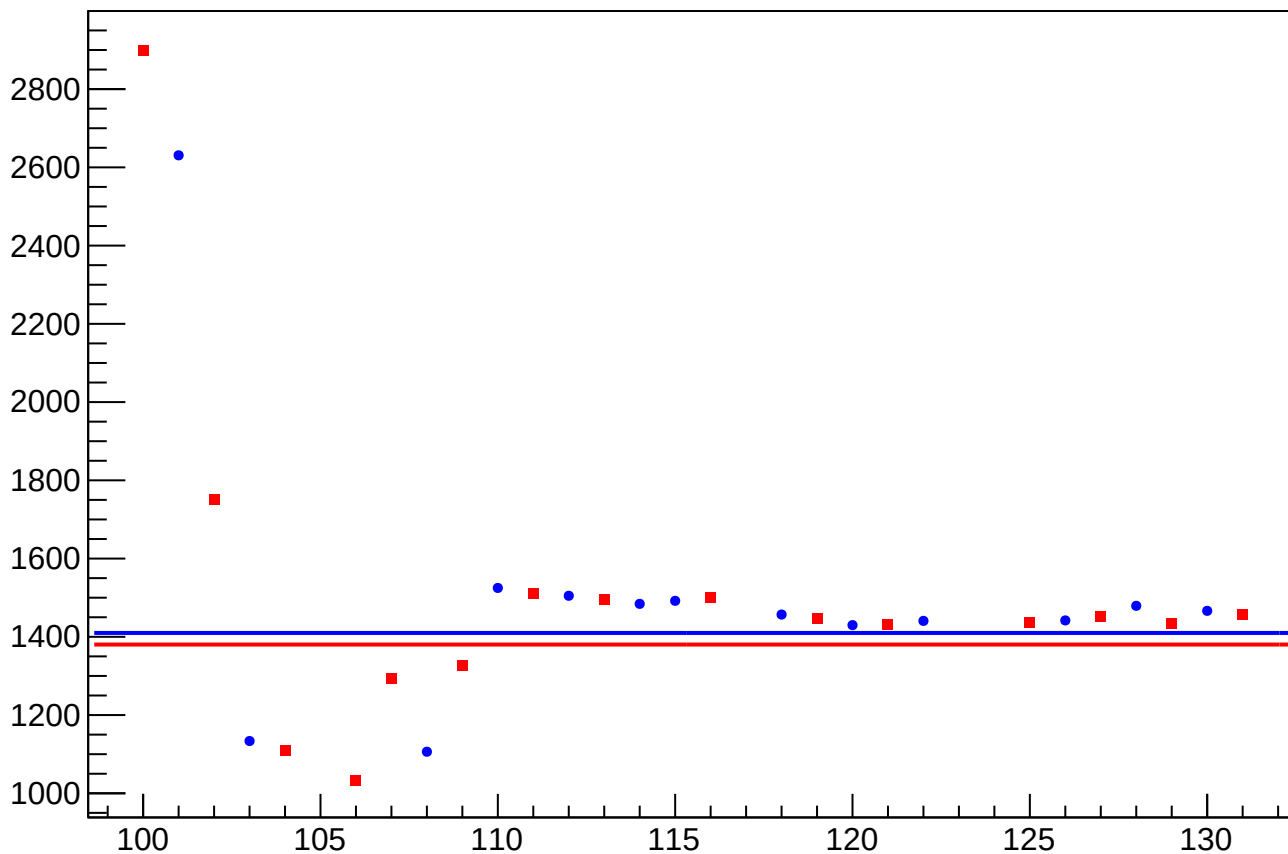
Right: -628.656 $\pm$ 419.696 χ^2 /NDF: 12.9/27

In: -826.240 $\pm$ 612.369 χ^2 /NDF:4.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -628.656 $\pm$ 419.696 χ^2 /NDF: 12.9/27

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1409.926+/-0.433 χ^2/NDF : 425559.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.218+/-0.404 χ^2/NDF : 228452.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

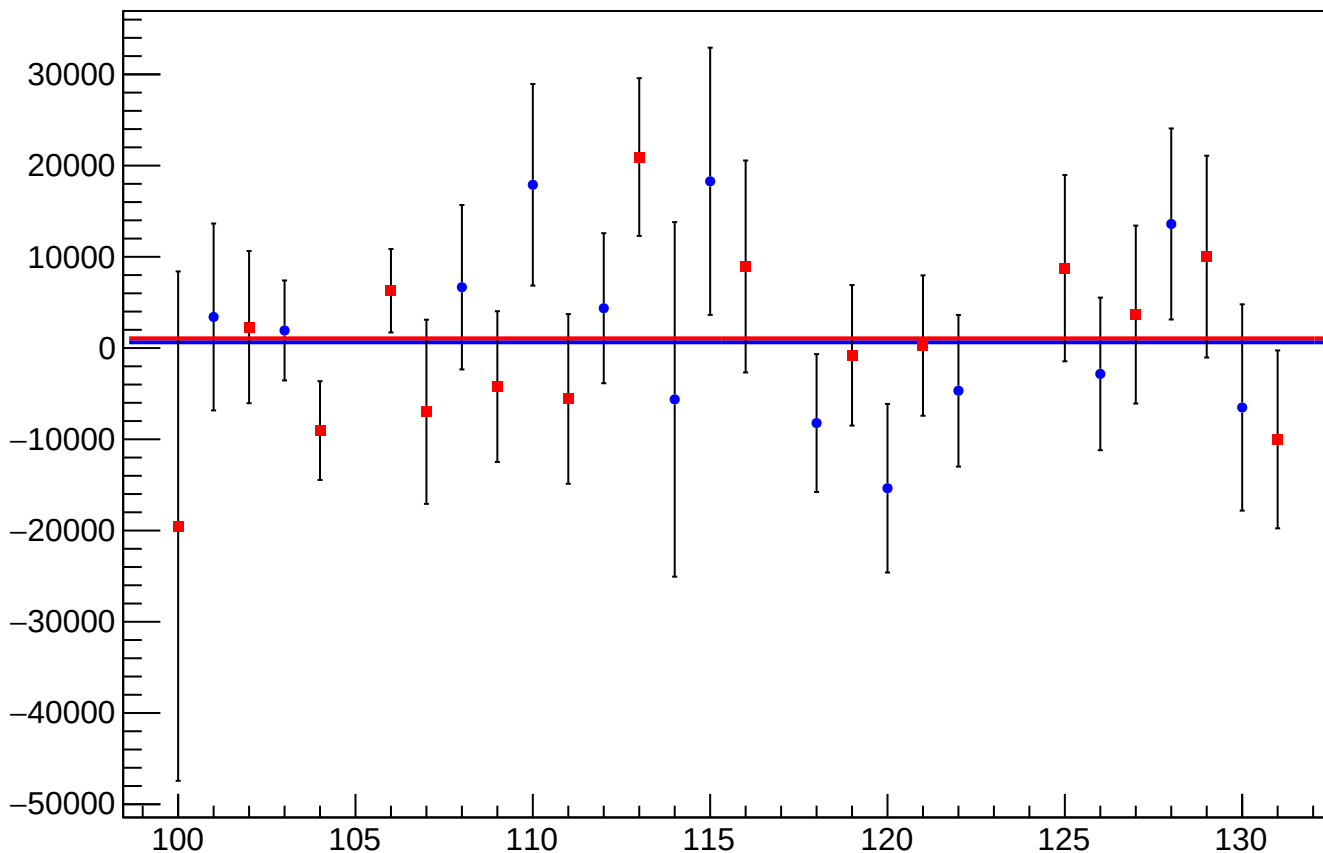
Right: 1394.051+/-0.295 χ^2/NDF : 656527.1/27

In: 1409.926+/-0.433 χ^2/NDF : 425559.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.051+/-0.295 χ^2/NDF : 656527.1/27

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 634.064 $\pm$ 2496.825 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1065.824 $\pm$ 2098.721 χ^2 /NDF: 15.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

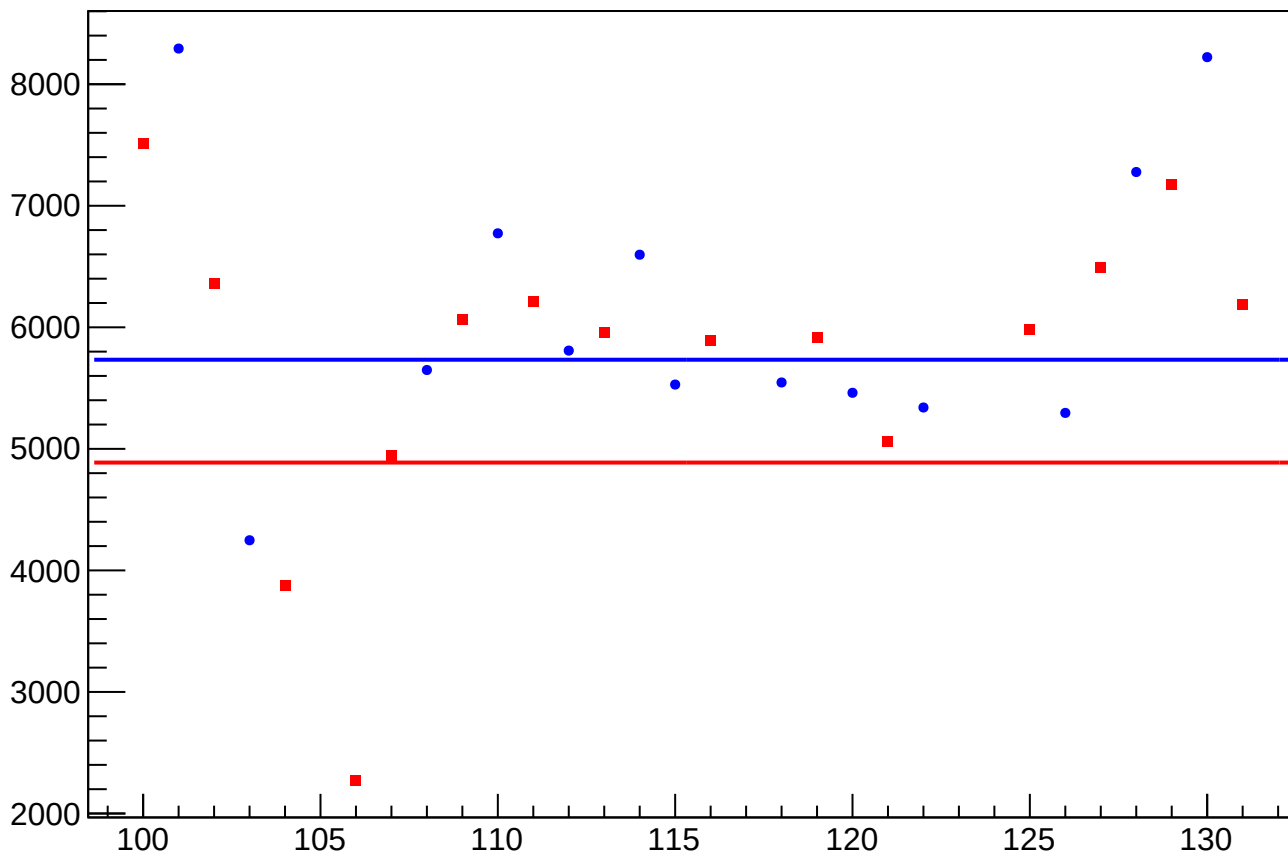
Right: 887.068 $\pm$ 1606.561 χ^2 /NDF: 27.0/27

In: 634.064 $\pm$ 2496.825 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 887.068 $\pm$ 1606.561 χ^2 /NDF: 27.0/27

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5733.318+/-1.766 χ^2/NDF : 447750.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4887.274+/-1.484 χ^2/NDF : 1165664.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

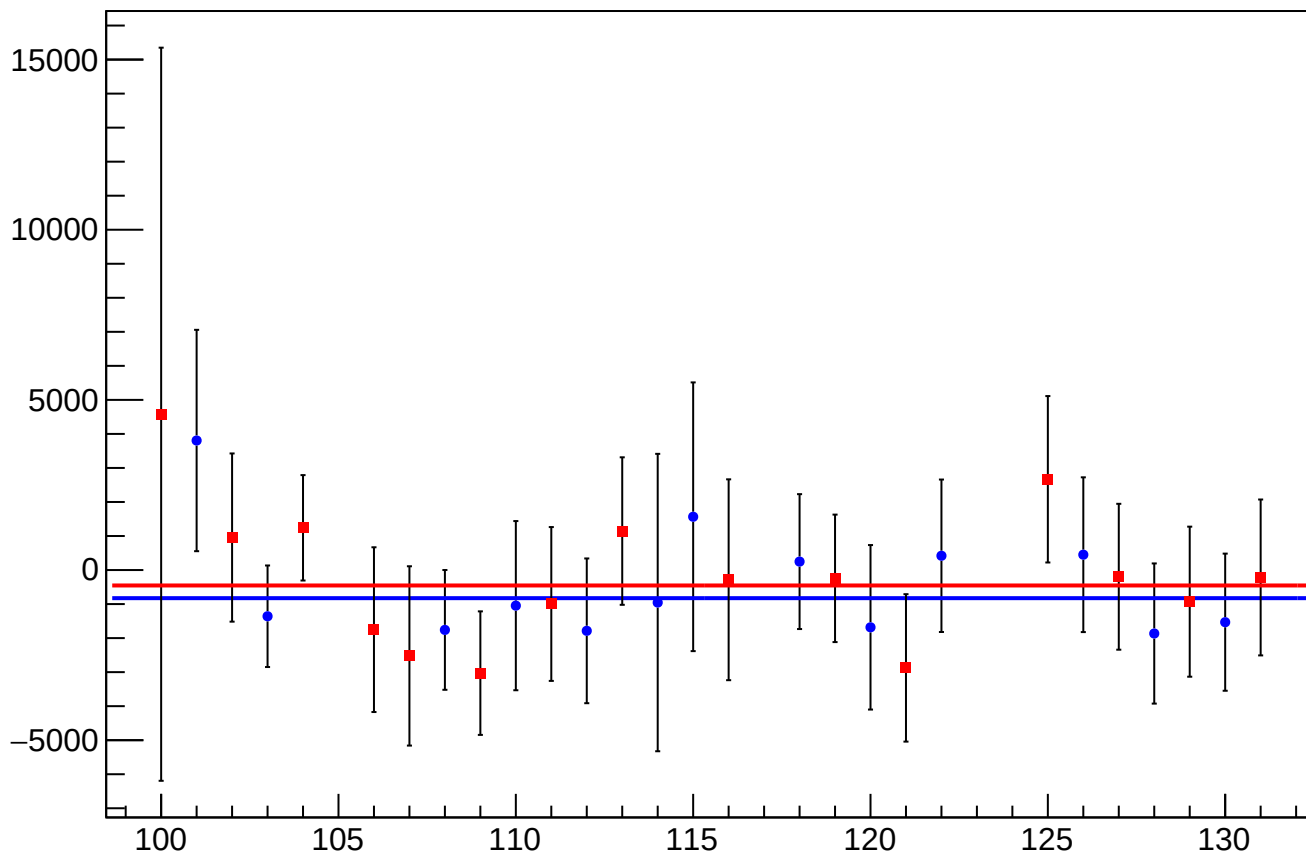
Right: 5237.550+/-1.136 χ^2/NDF : 1747977.1/27

In: 5733.318+/-1.766 χ^2/NDF :447750.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5237.550+/-1.136 χ^2/NDF : 1747977.1/27

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -826.322+/-612.369 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -453.448+/-576.346 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

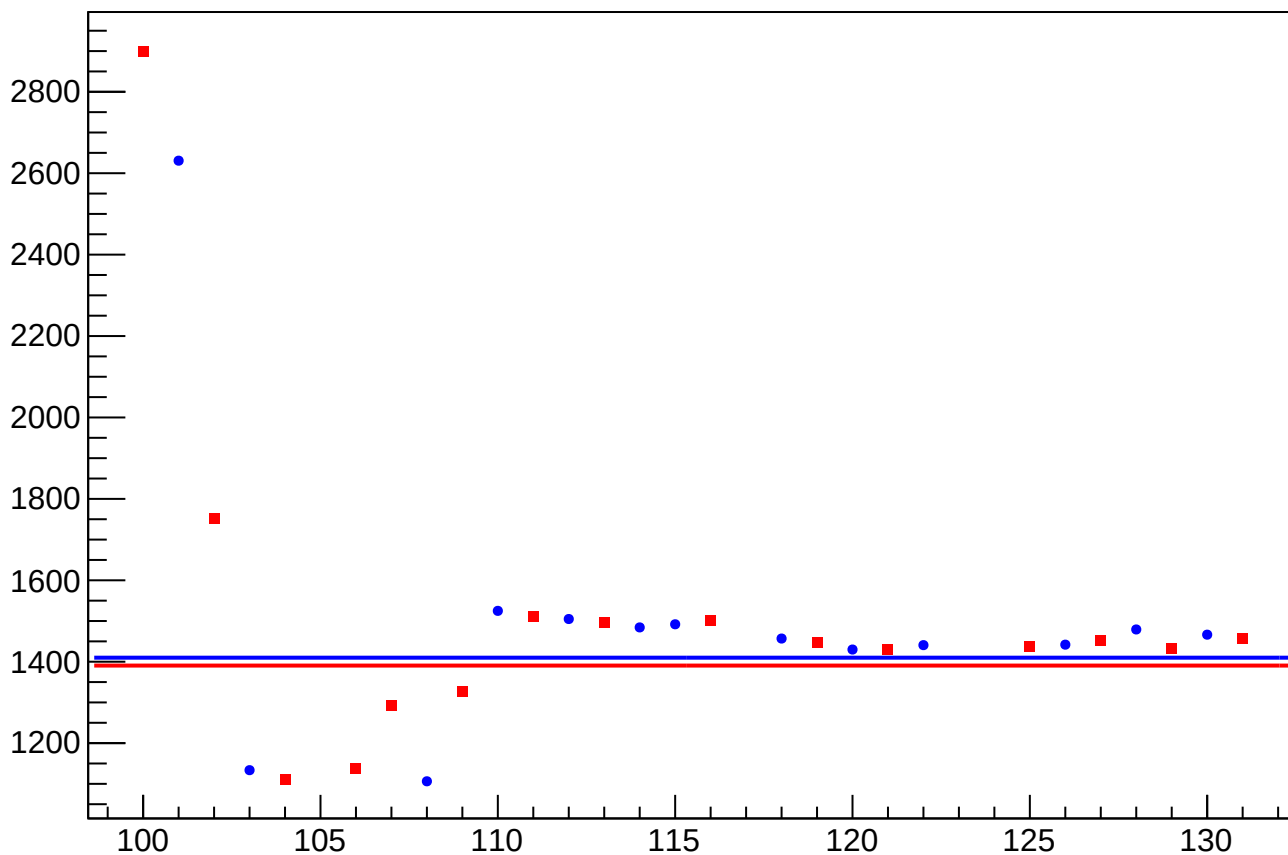
Right: -628.595+/-419.696 χ^2/NDF : 12.9/27

In: -826.322+/-612.369 χ^2/NDF : 4.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.595+/-419.696 χ^2/NDF : 12.9/27

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.531+/-0.407 χ^2/NDF : 196800.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

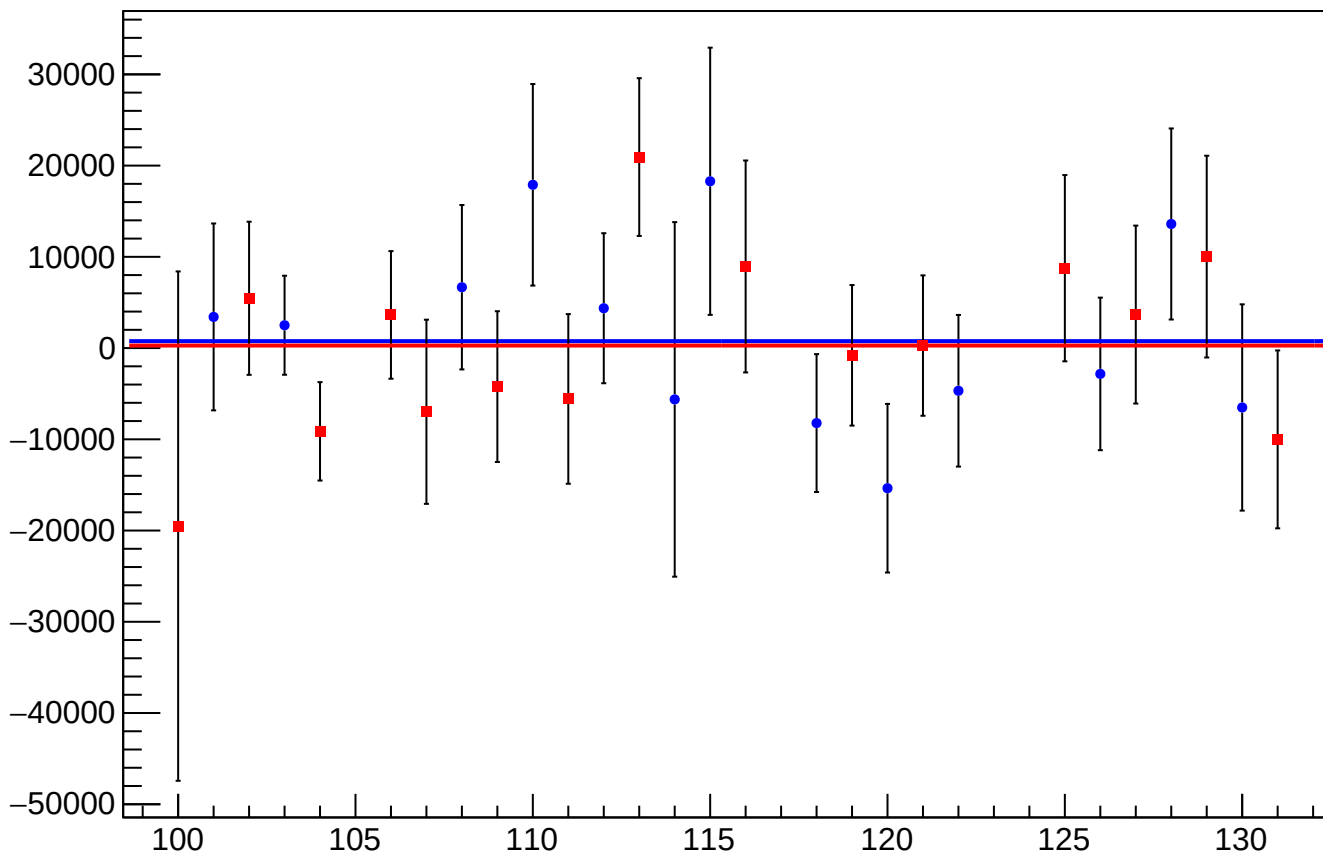
Right: 1399.617+/-0.296 χ^2/NDF : 623425.9/27

In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.617+/-0.296 χ^2/NDF : 623425.9/27

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 760.017 $\pm$ 2491.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.779 $\pm$ 2237.826 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

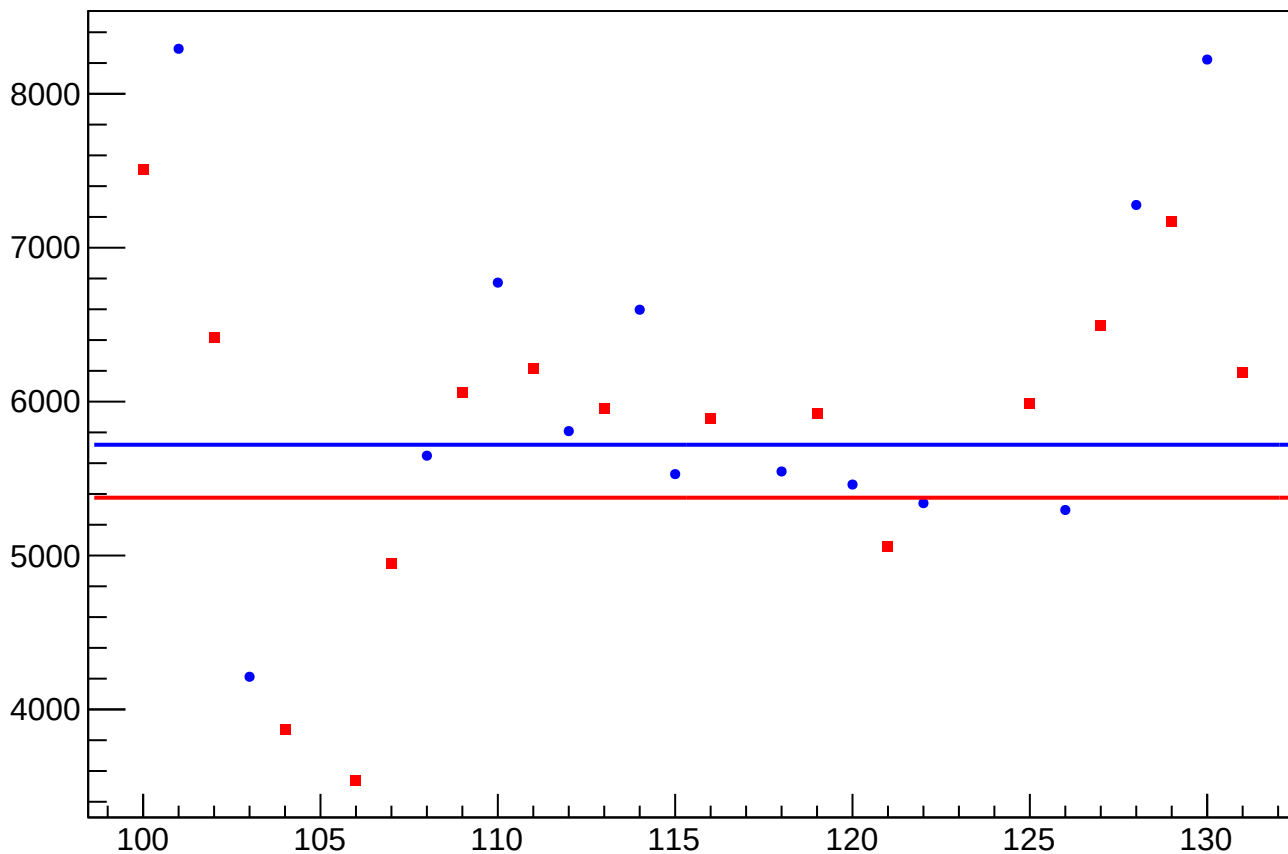
Right: 491.970 $\pm$ 1664.955 χ^2 /NDF: 26.1/27

In: 760.017 $\pm$ 2491.801 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 491.970 $\pm$ 1664.955 χ^2 /NDF: 26.1/27

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5375.793+/-1.582 χ^2/NDF : 496456.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

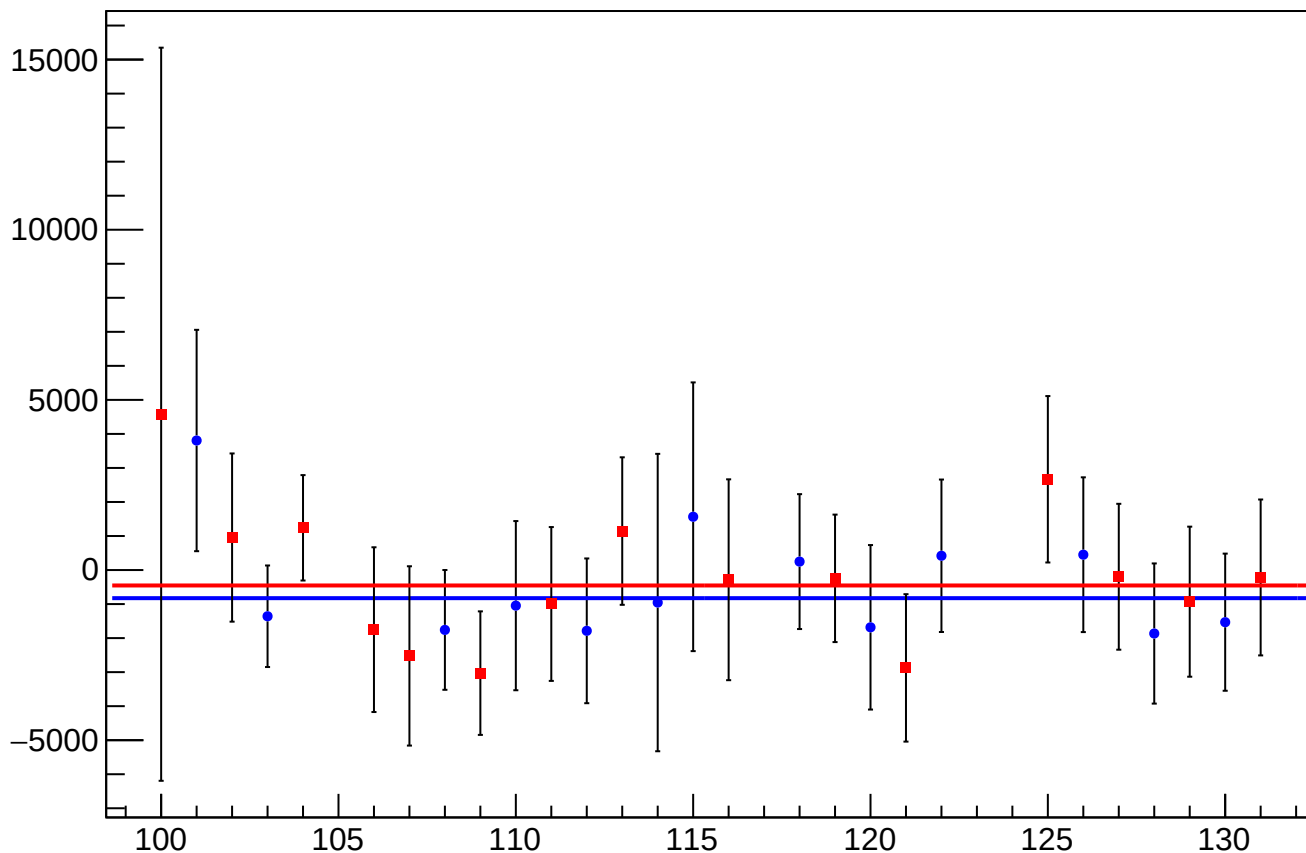
Right: 5529.375+/-1.177 χ^2/NDF : 975342.0/27

In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5529.375+/-1.177 χ^2/NDF : 975342.0/27

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -826.322+/-612.369 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -453.448+/-576.346 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

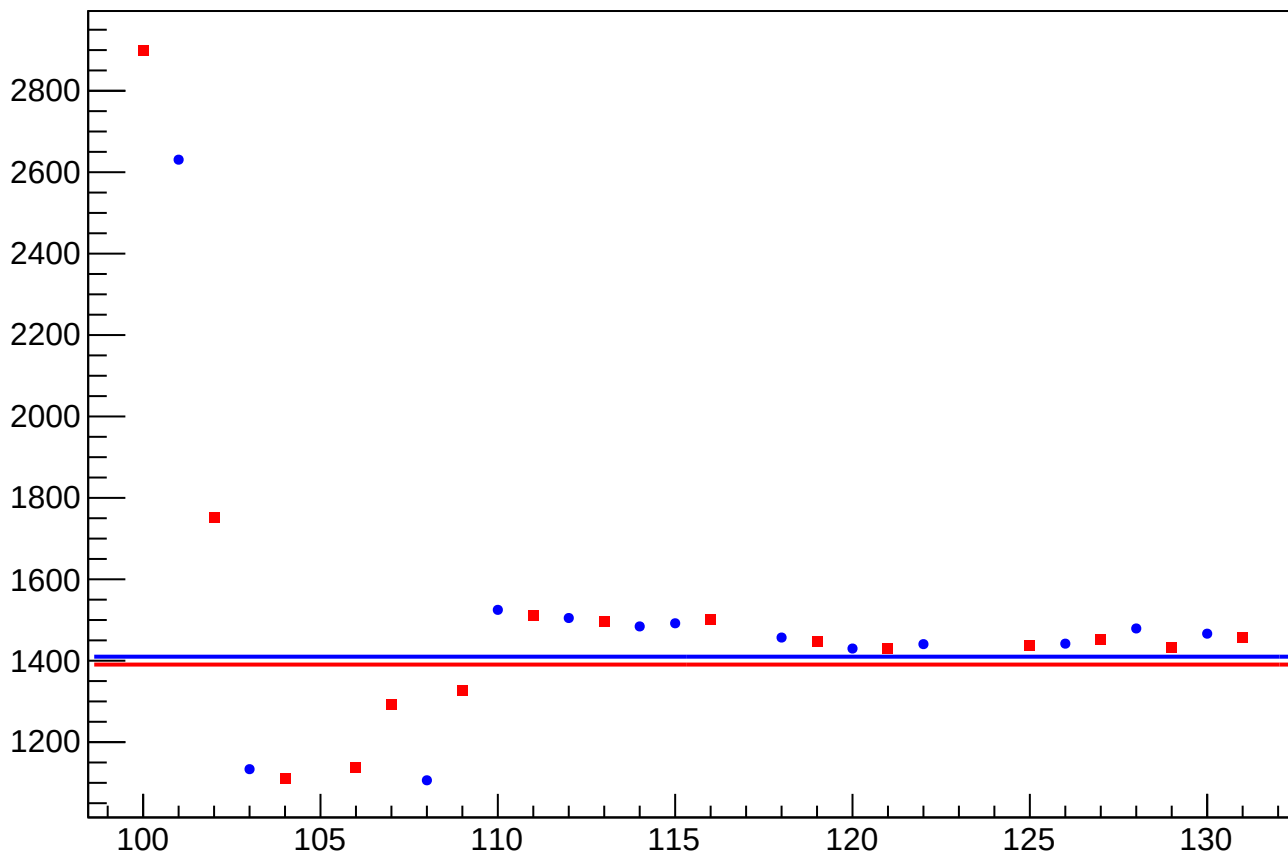
Right: -628.595+/-419.696 χ^2/NDF : 12.9/27

In: -826.322+/-612.369 χ^2/NDF : 4.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.595+/-419.696 χ^2/NDF : 12.9/27

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.531+/-0.407 χ^2/NDF : 196800.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

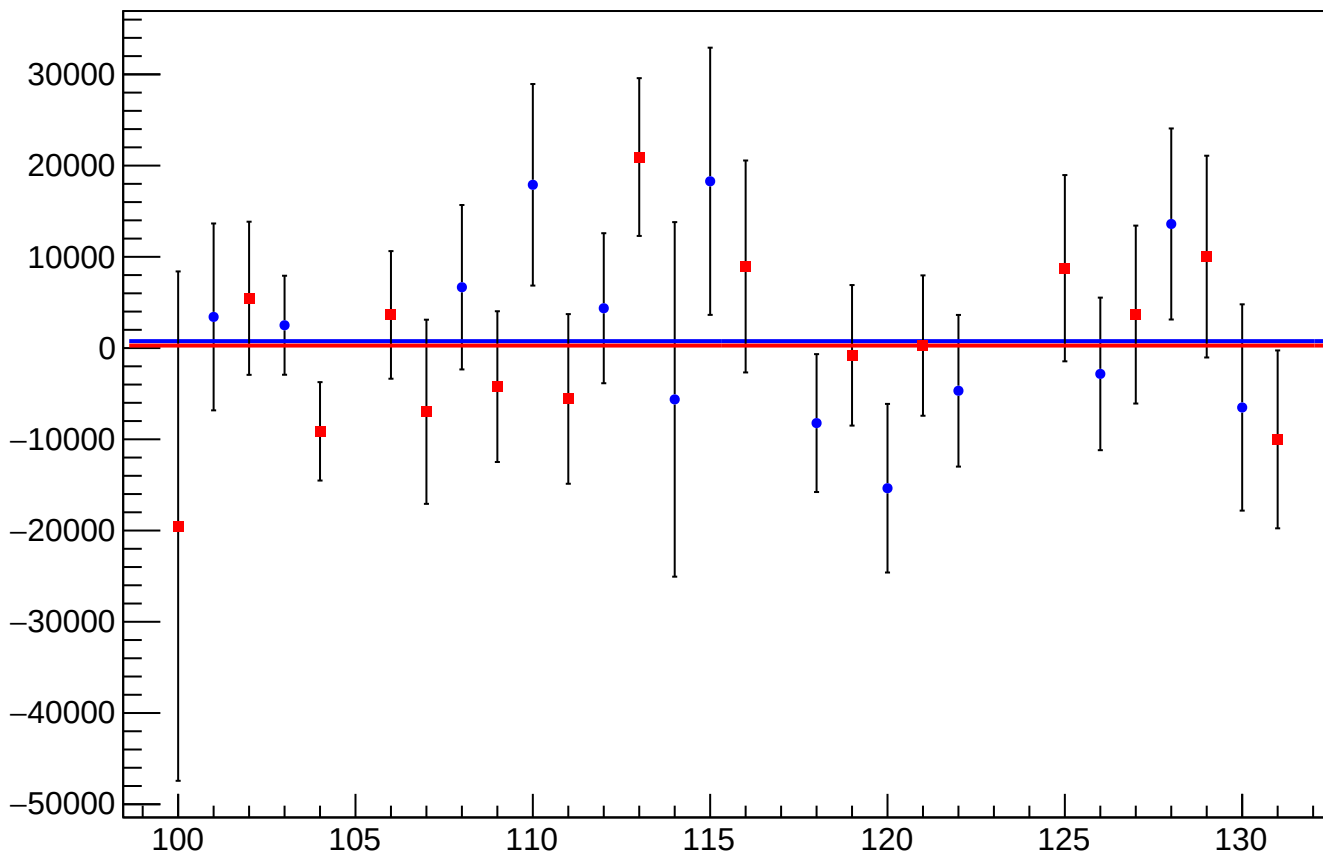
Right: 1399.617+/-0.296 χ^2/NDF : 623425.9/27

In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.617+/-0.296 χ^2/NDF : 623425.9/27

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 760.017 $\pm$ 2491.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.779 $\pm$ 2237.826 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

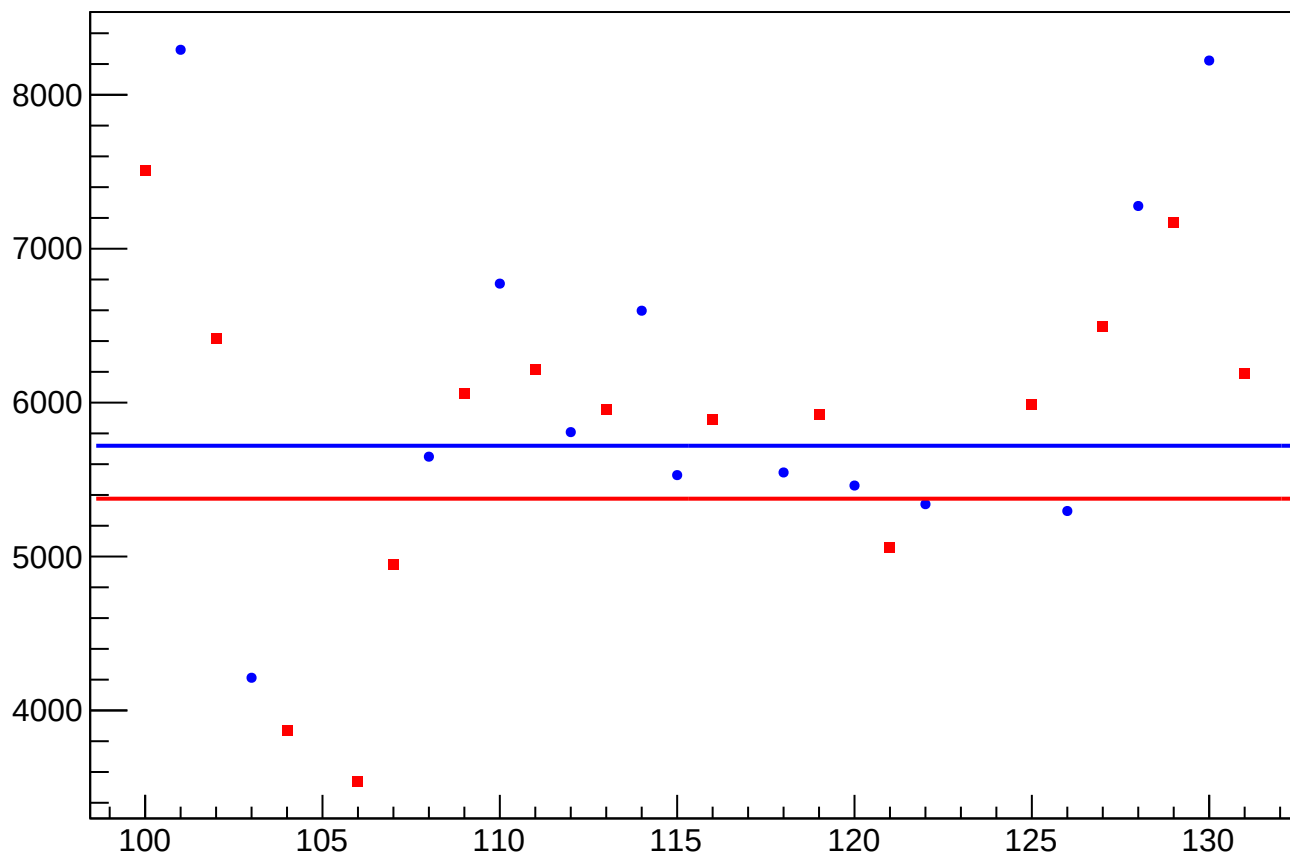
Right: 491.970 $\pm$ 1664.955 χ^2 /NDF: 26.1/27

In: 760.017 $\pm$ 2491.801 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 491.970 $\pm$ 1664.955 χ^2 /NDF: 26.1/27

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5375.793+/-1.582 χ^2/NDF : 496456.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

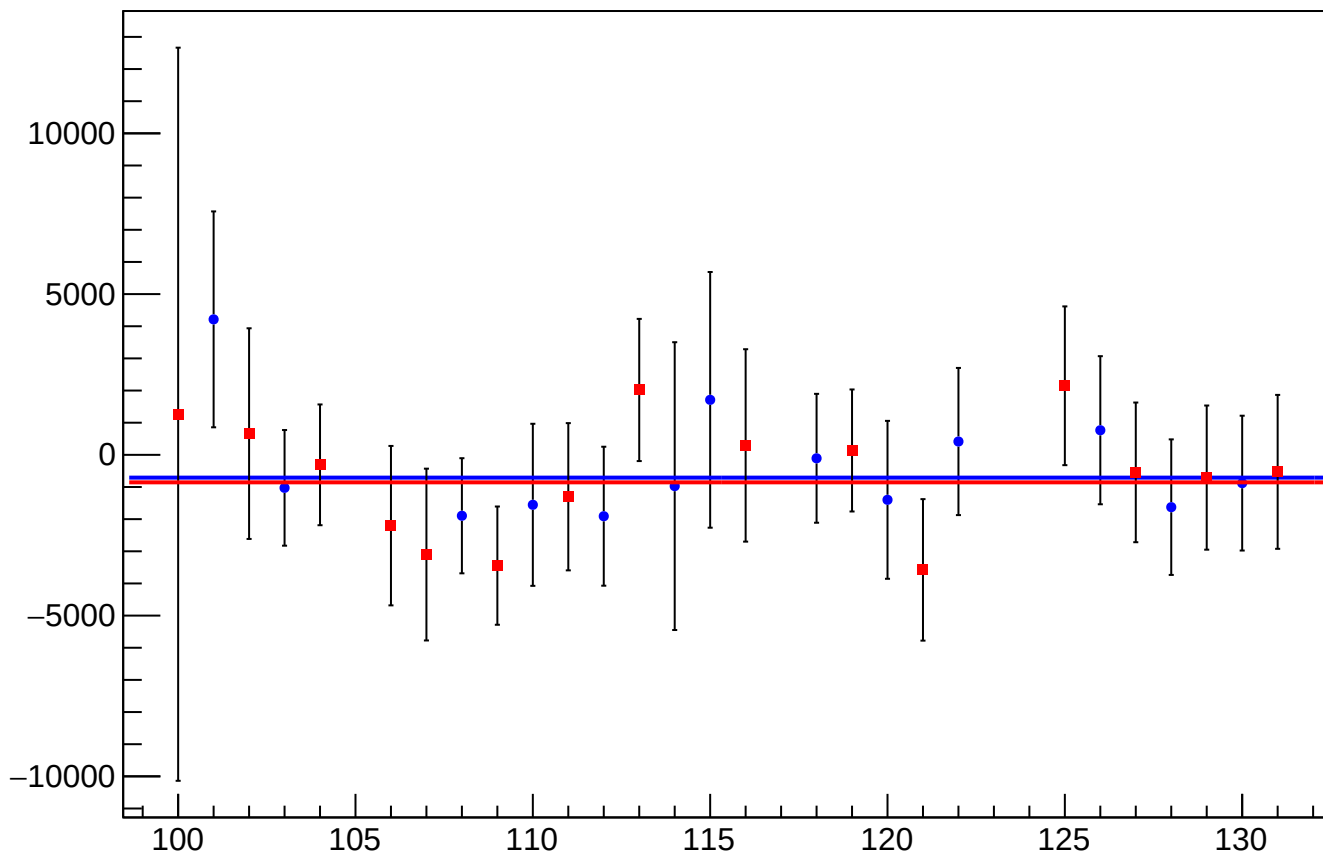
Right: 5529.375+/-1.177 χ^2/NDF : 975342.0/27

In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5529.375+/-1.177 χ^2/NDF : 975342.0/27

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -708.500 ± 640.055 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -855.124 ± 605.985 χ^2/NDF : 8.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

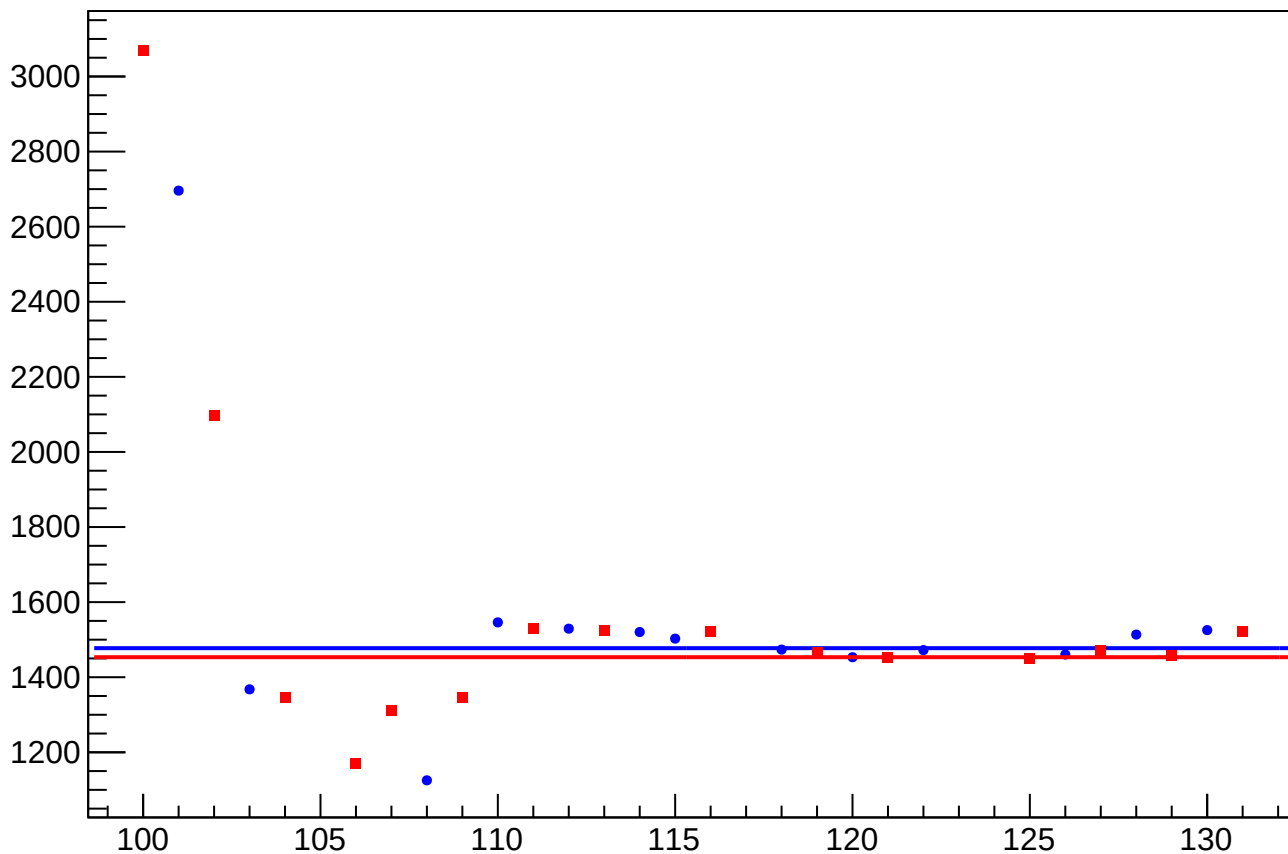
Right: -785.818 ± 440.048 χ^2/NDF : 13.0/27

In: -708.500 ± 640.055 χ^2/NDF : 4.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -785.818 ± 440.048 χ^2/NDF : 13.0/27

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1477.381+/-0.453 χ^2/NDF : 353015.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.312+/-0.428 χ^2/NDF : 169845.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

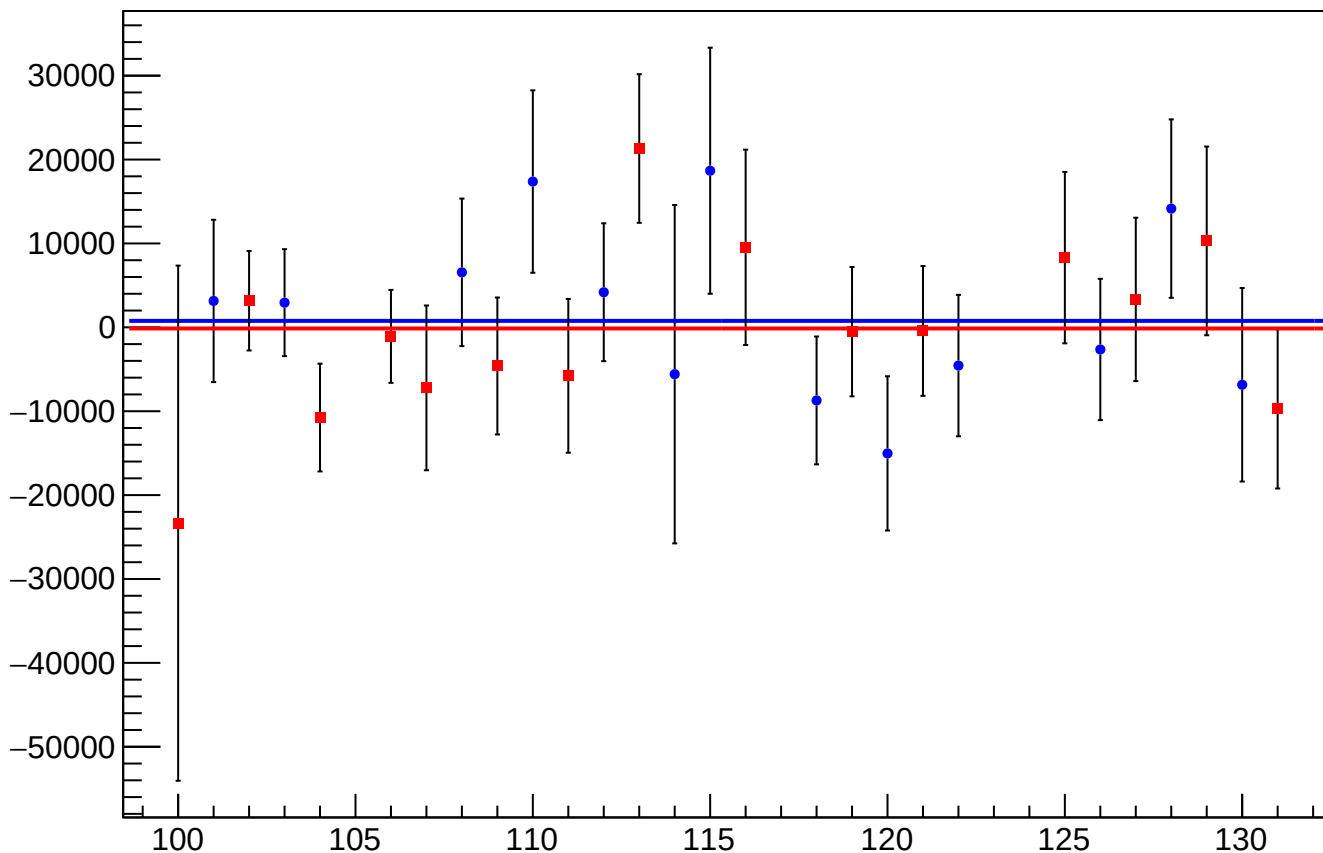
Right: 1464.685+/-0.311 χ^2/NDF : 524352.8/27

In: 1477.381+/-0.453 χ^2/NDF : 353015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.685+/-0.311 χ^2/NDF : 524352.8/27

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 769.080+/-2563.538 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.974+/-2149.781 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

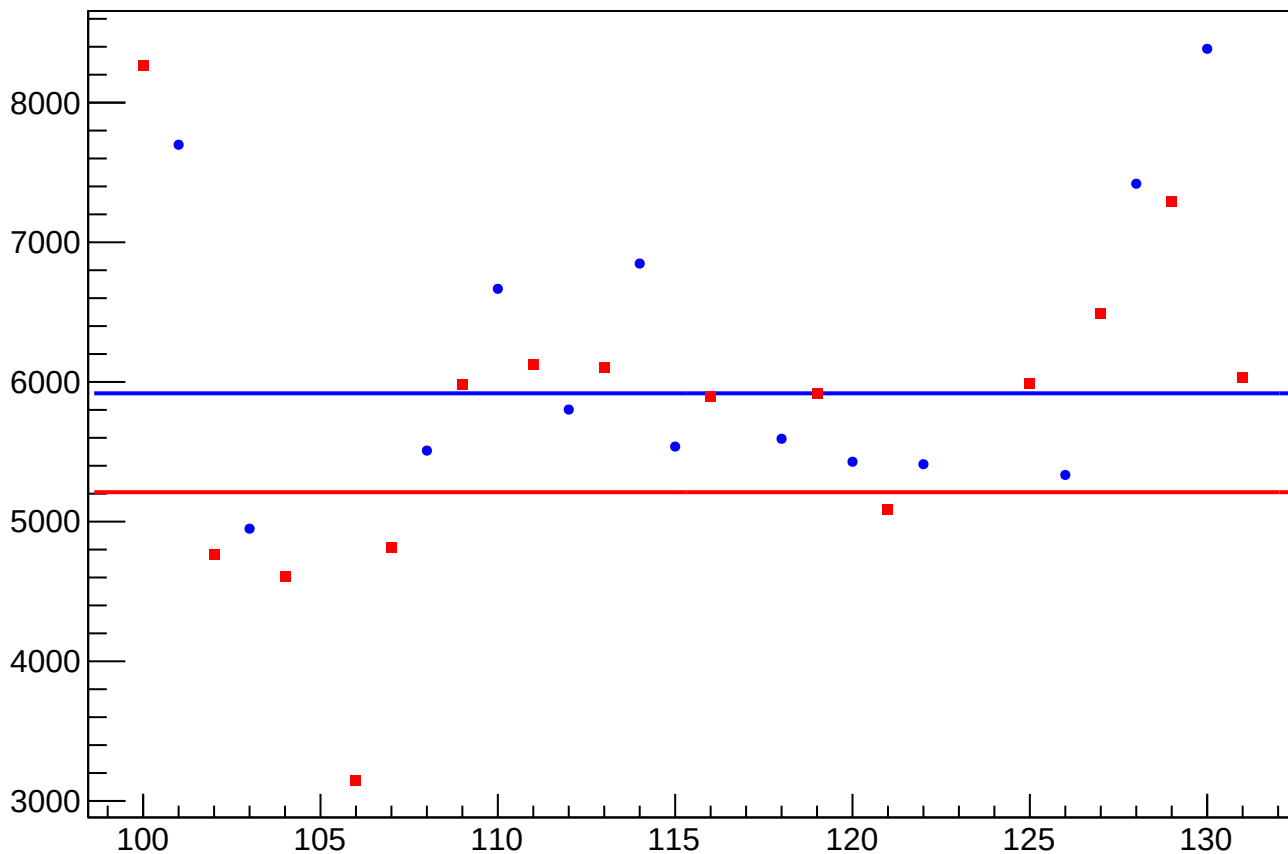
Right: 238.885+/-1647.234 χ^2/NDF : 26.0/27

In: 769.080+/-2563.538 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.885+/-1647.234 χ^2/NDF : 26.0/27

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5918.685+/-1.813 χ^2/NDF : 291167.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5210.592+/-1.520 χ^2/NDF : 541140.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

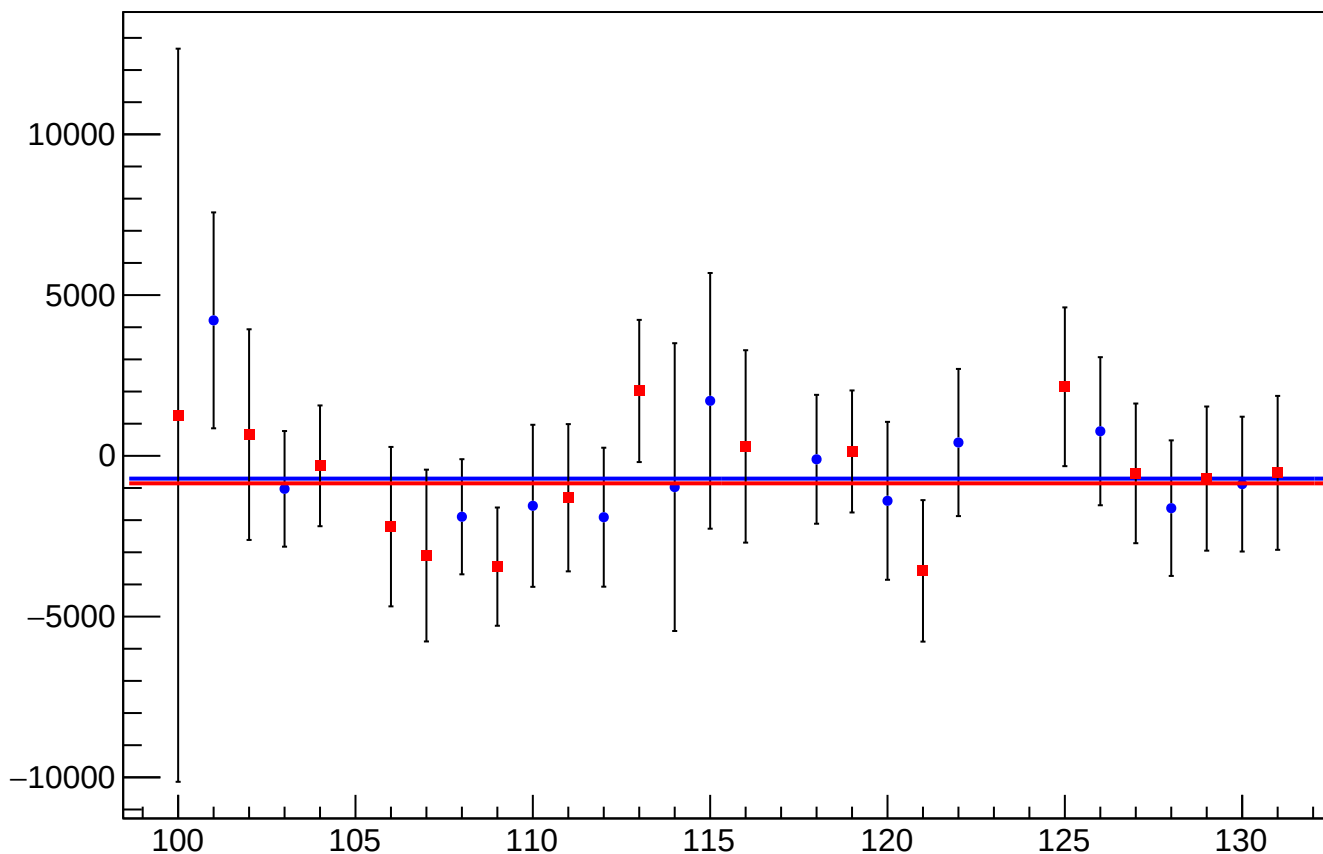
Right: 5502.954+/-1.165 χ^2/NDF : 921895.9/27

In: 5918.685+/-1.813 χ^2/NDF : 291167.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5502.954+/-1.165 χ^2/NDF : 921895.9/27

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -708.503+/-640.055 χ^2 /NDF: 4.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -855.136+/-605.985 χ^2 /NDF: 8.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

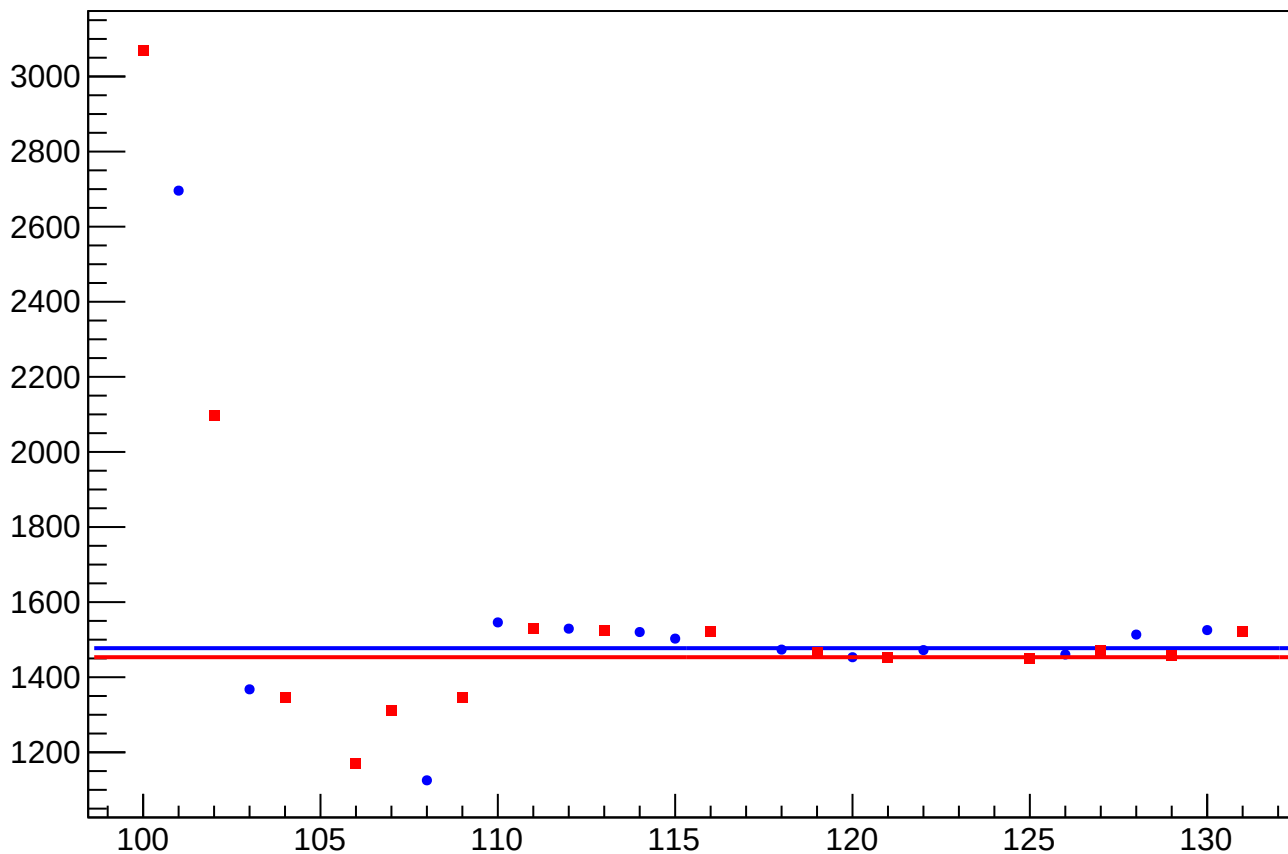
Right: -785.826+/-440.048 χ^2 /NDF: 13.0/27

In: -708.503+/-640.055 χ^2 /NDF:4.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -785.826+/-440.048 χ^2 /NDF: 13.0/27

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1477.381+/-0.453 χ^2/NDF : 353014.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.312+/-0.428 χ^2/NDF : 169846.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

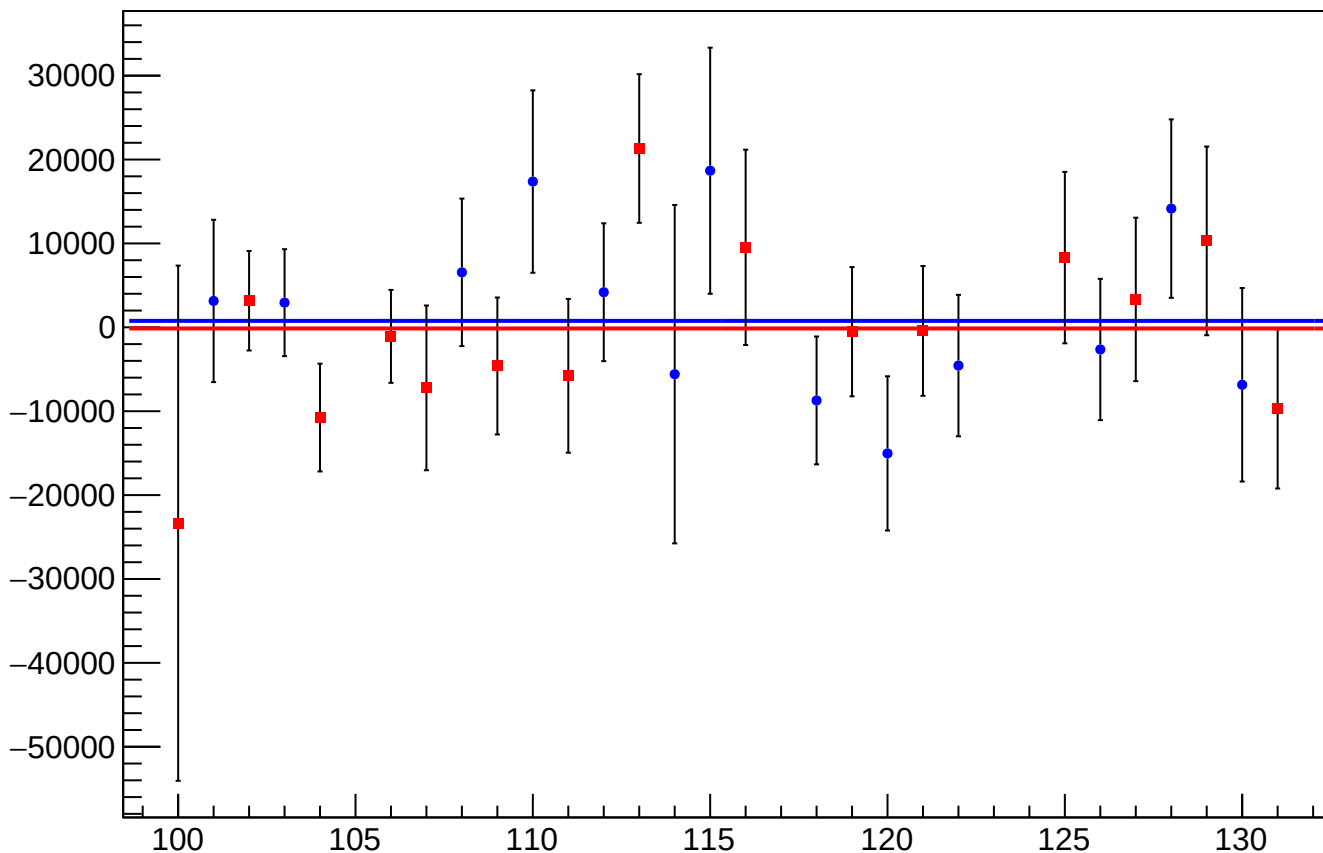
Right: 1464.685+/-0.311 χ^2/NDF : 524352.2/27

In: 1477.381+/-0.453 χ^2/NDF : 353014.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.685+/-0.311 χ^2/NDF : 524352.2/27

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 769.068+/-2563.531 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.981+/-2149.776 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

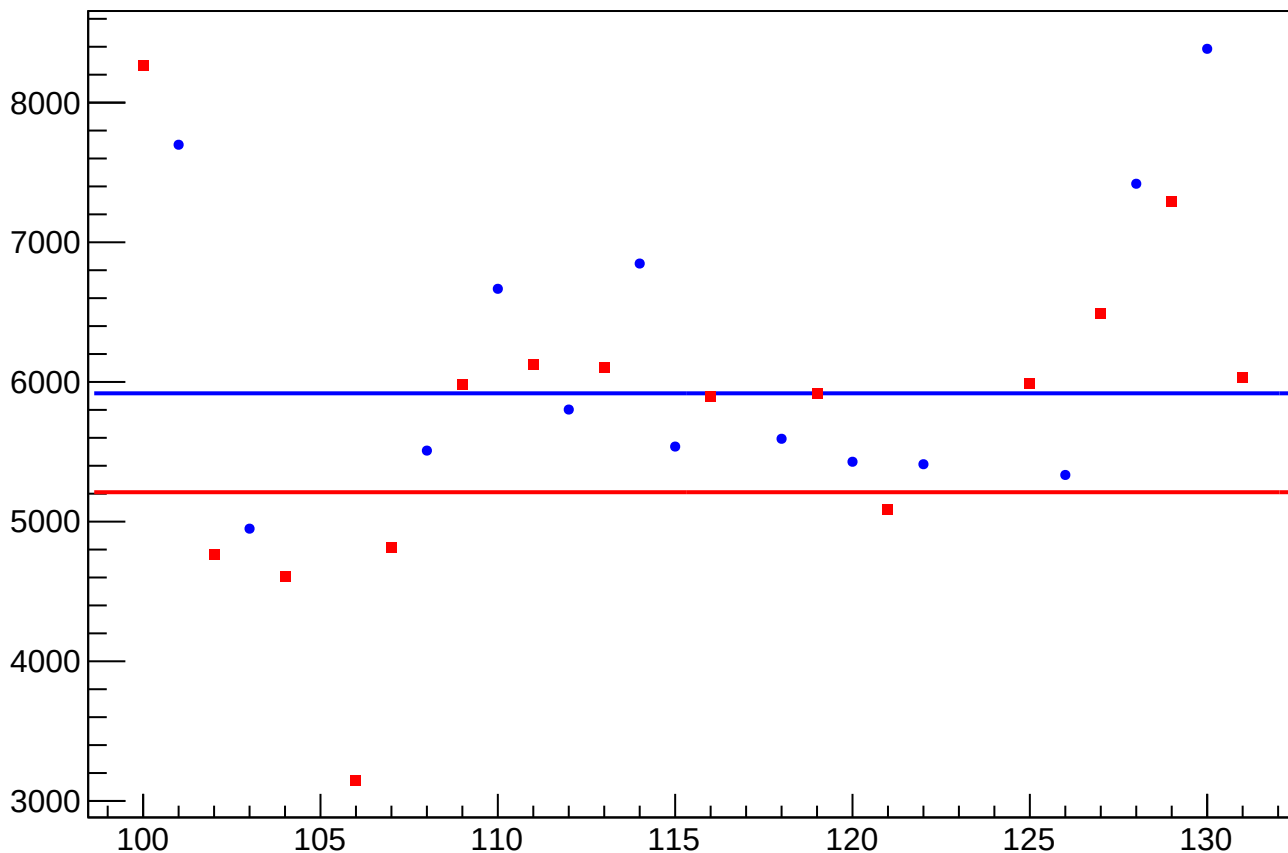
Right: 238.876+/-1647.229 χ^2/NDF : 26.0/27

In: 769.068+/-2563.531 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.876+/-1647.229 χ^2/NDF : 26.0/27

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5918.668+/-1.813 χ^2/NDF : 291166.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5210.580+/-1.520 χ^2/NDF : 541138.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

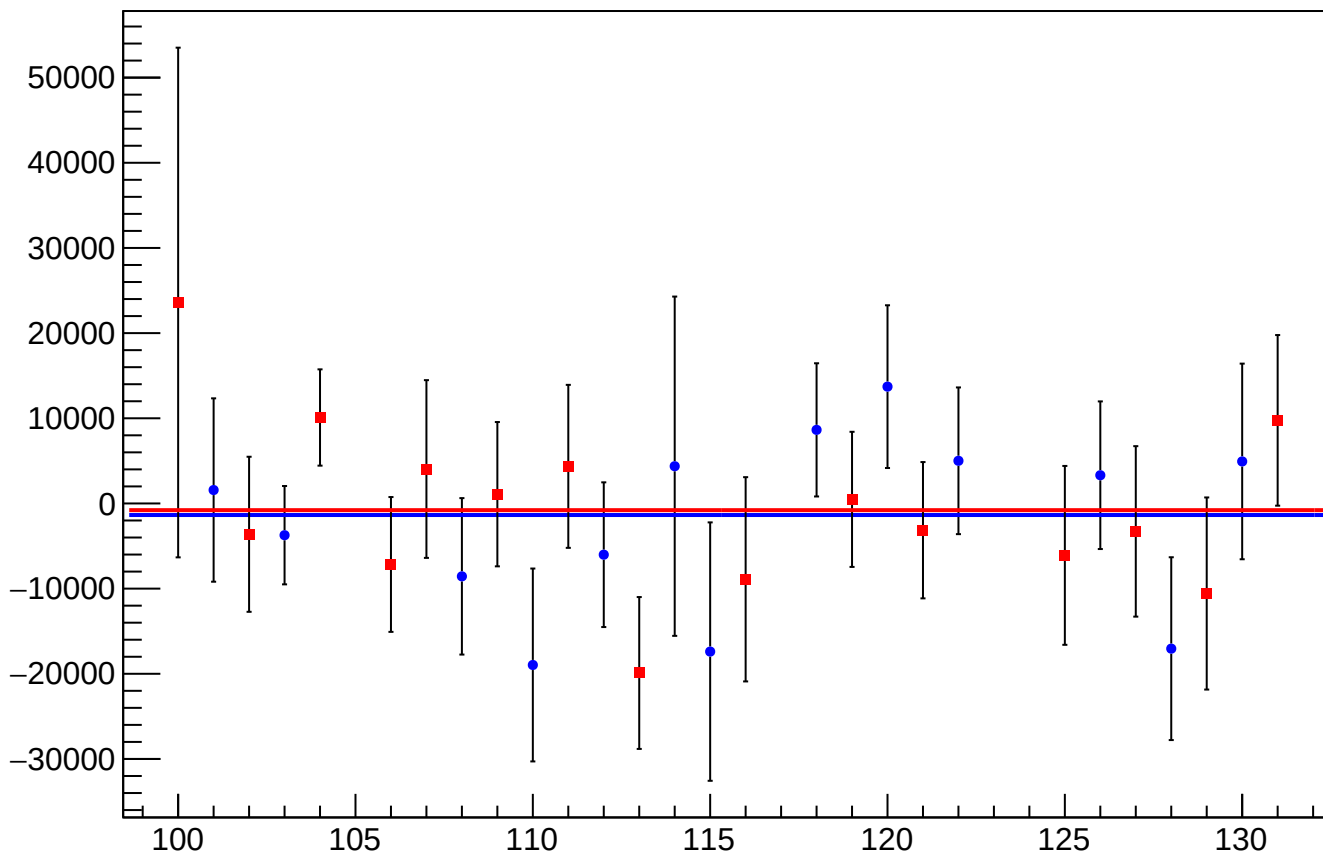
Right: 5502.941+/-1.165 χ^2/NDF : 921893.2/27

In: 5918.668+/-1.813 χ^2/NDF : 291166.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5502.941+/-1.165 χ^2/NDF : 921893.2/27

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1358.316 $\pm$ 2587.502 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -788.130 $\pm$ 2341.501 χ^2 /NDF: 13.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

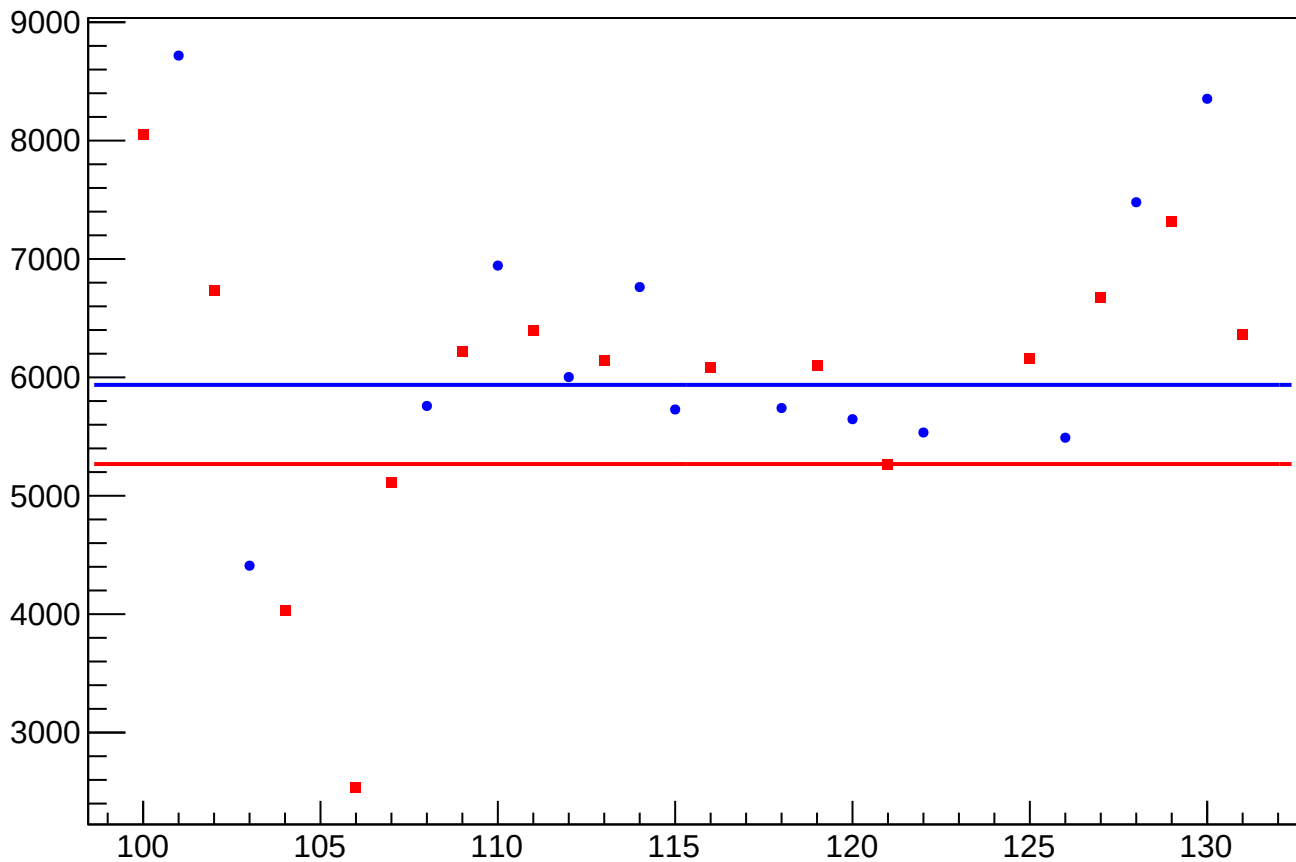
Right: -1044.836 $\pm$ 1736.164 χ^2 /NDF: 25.2/27

In: -1358.316 $\pm$ 2587.502 χ^2 /NDF: 12.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1044.836 $\pm$ 1736.164 χ^2 /NDF: 25.2/27

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5936.742+/-1.830 χ^2/NDF : 436628.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5268.091+/-1.590 χ^2/NDF : 877198.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

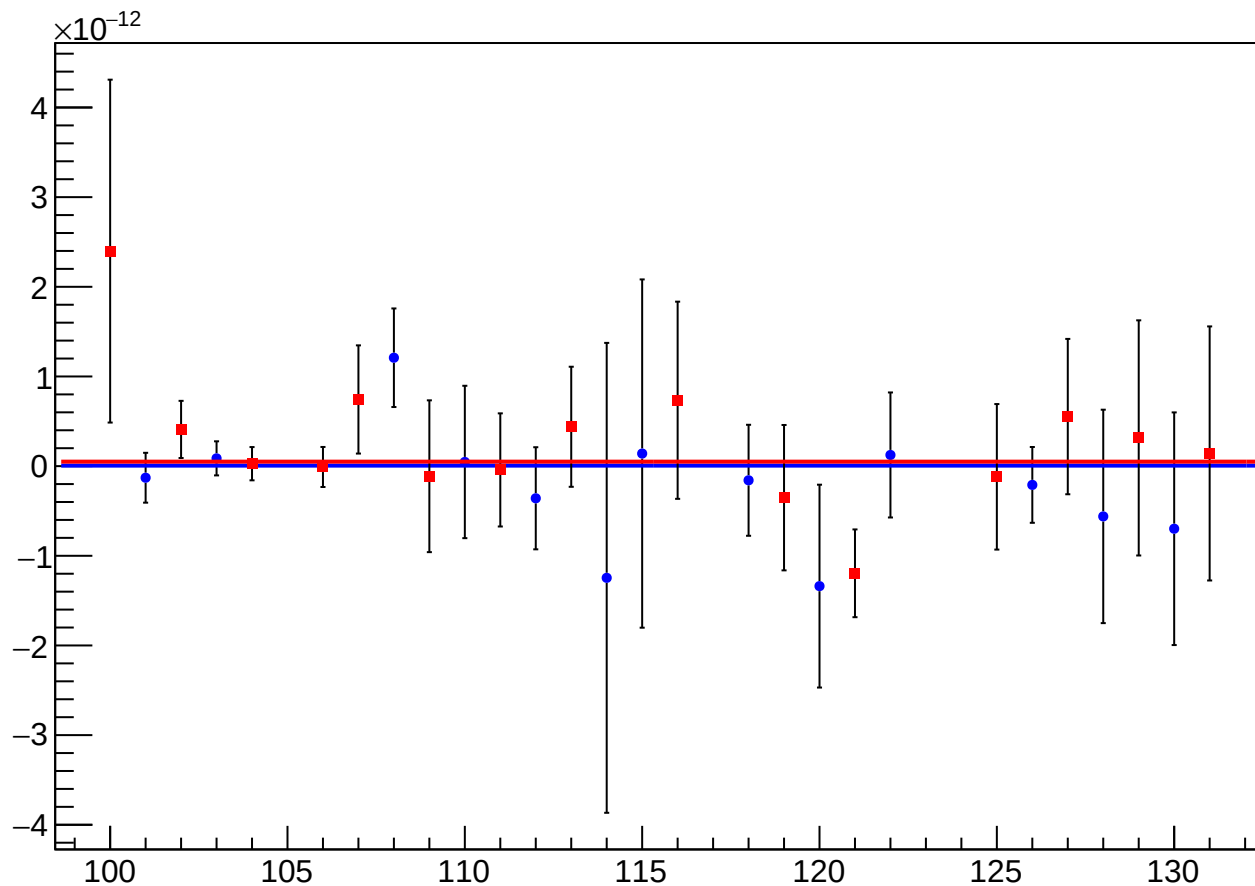
Right: 5555.880+/-1.200 χ^2/NDF : 1389902.2/27

In: 5936.742+/-1.830 χ^2/NDF : 436628.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5555.880+/-1.200 χ^2/NDF : 1389902.2/27

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

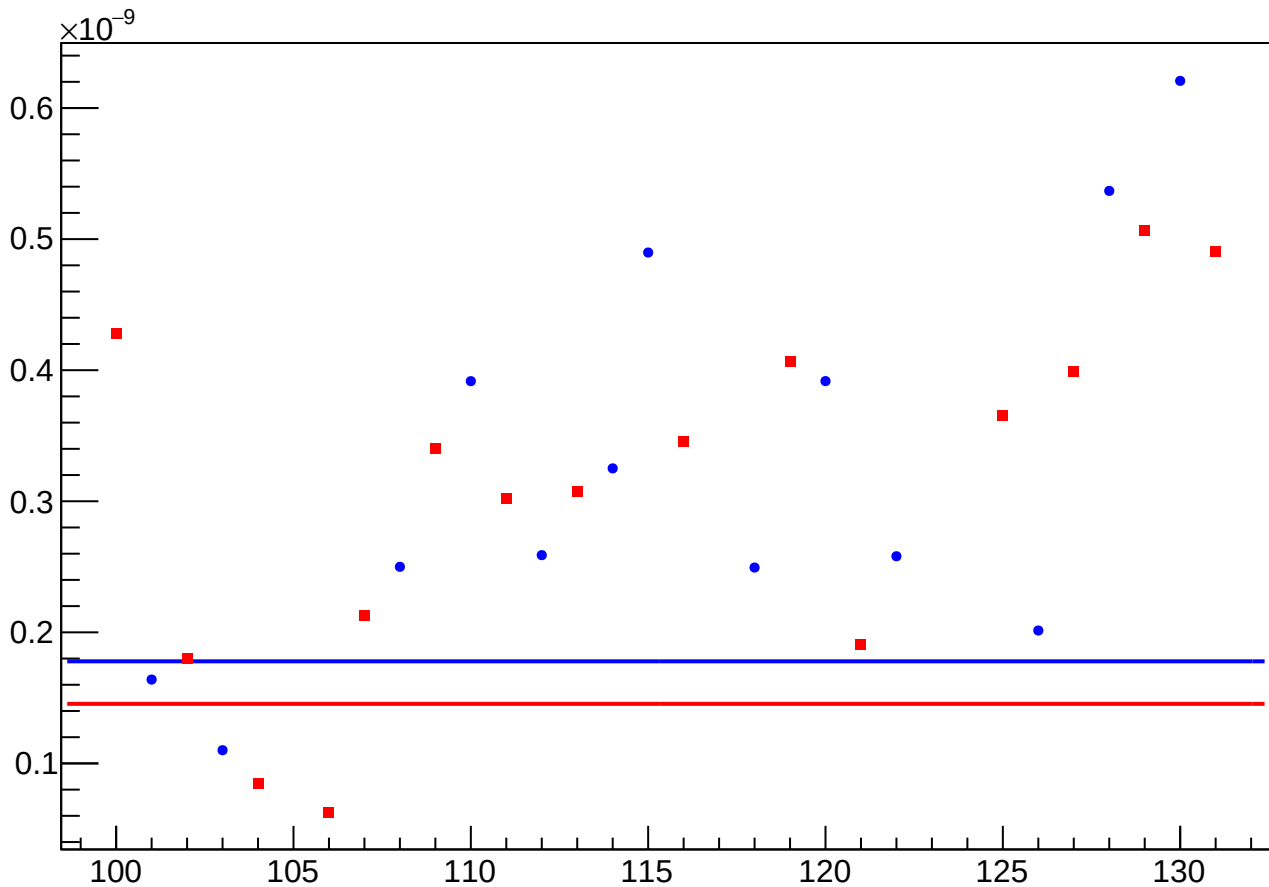
Right: 0.000+/-0.000 χ^2/NDF : 20.3/27

In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/27

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1064465.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1810557.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

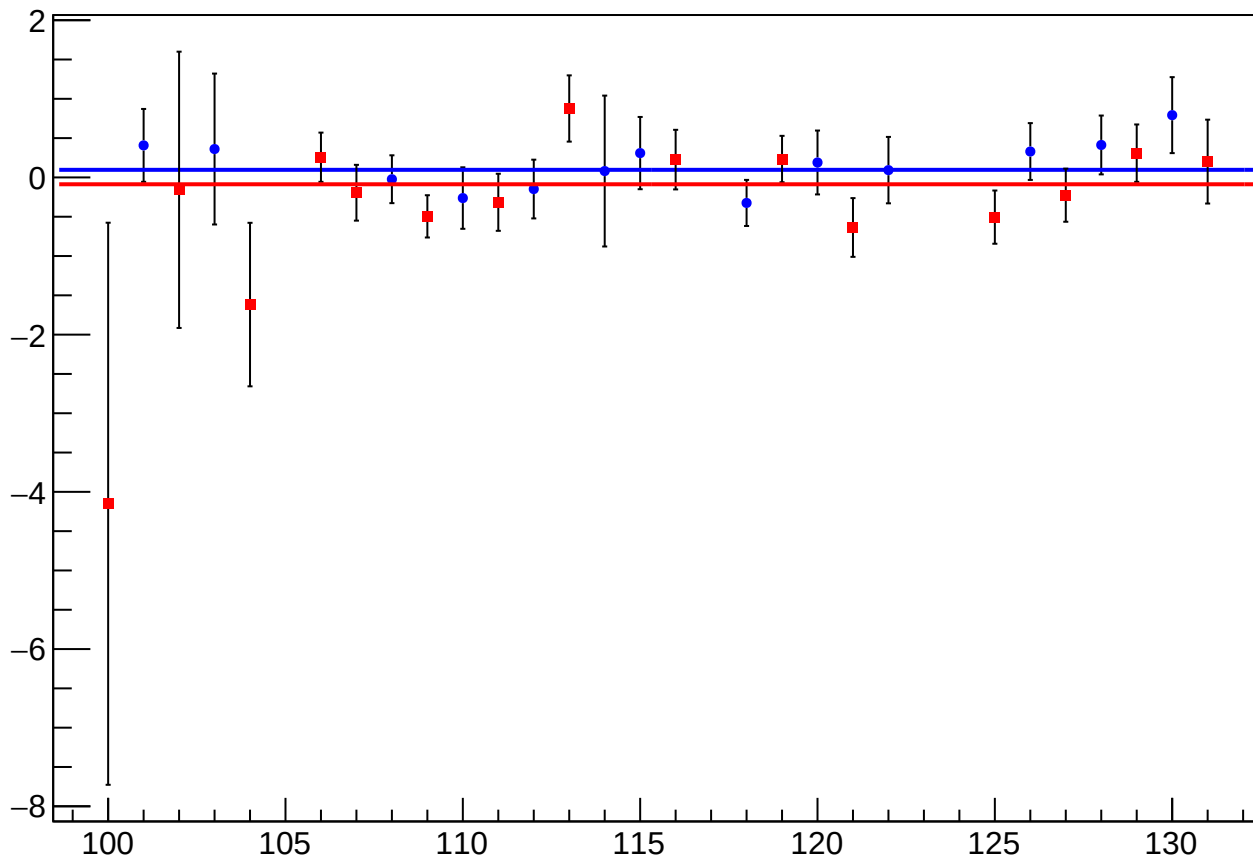
Right: 0.000+/-0.000 χ^2/NDF : 2947369.1/27

In: 0.000+/-0.000 χ^2/NDF : 1064465.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2947369.1/27

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097 ± 0.113 $\chi^2/\text{NDF}: 7.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.087 ± 0.100 $\chi^2/\text{NDF}: 19.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

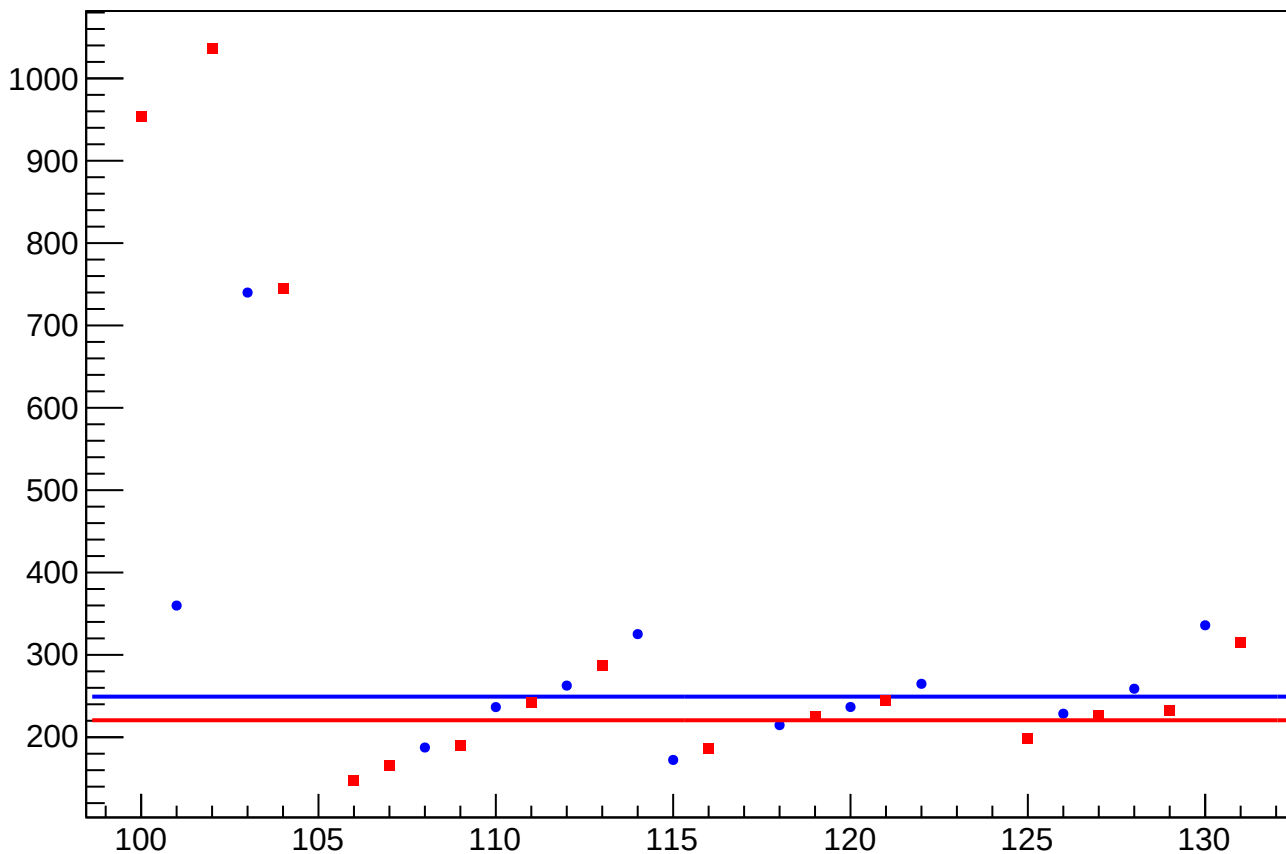
Right: -0.007 ± 0.075 $\chi^2/\text{NDF}: 28.9/27$

In: 0.097 ± 0.113 $\chi^2/\text{NDF}: 7.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.007 ± 0.075 $\chi^2/\text{NDF}: 28.9/27$

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362924.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

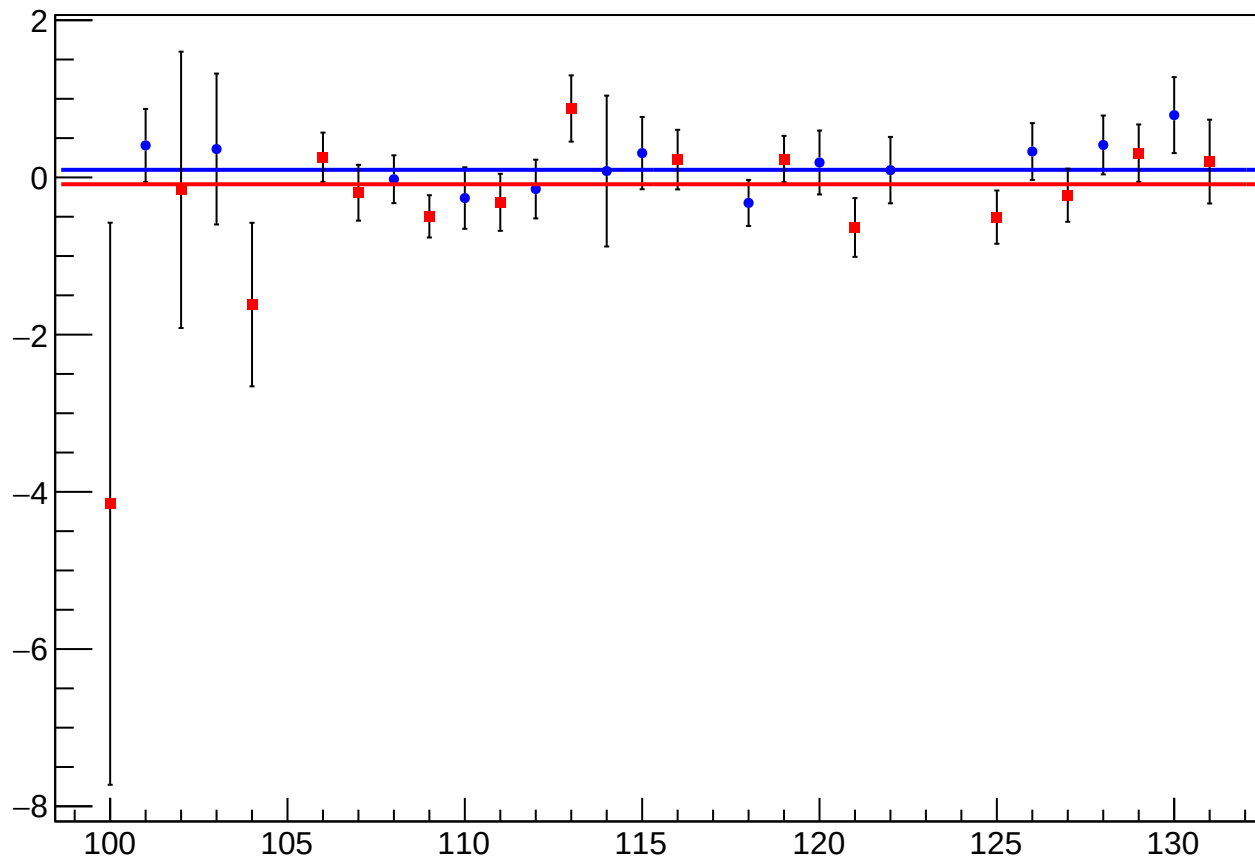
Right: 233.176+/-0.053 χ^2/NDF : 2332284.9/27

In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332284.9/27

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097+/-0.113 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.100 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

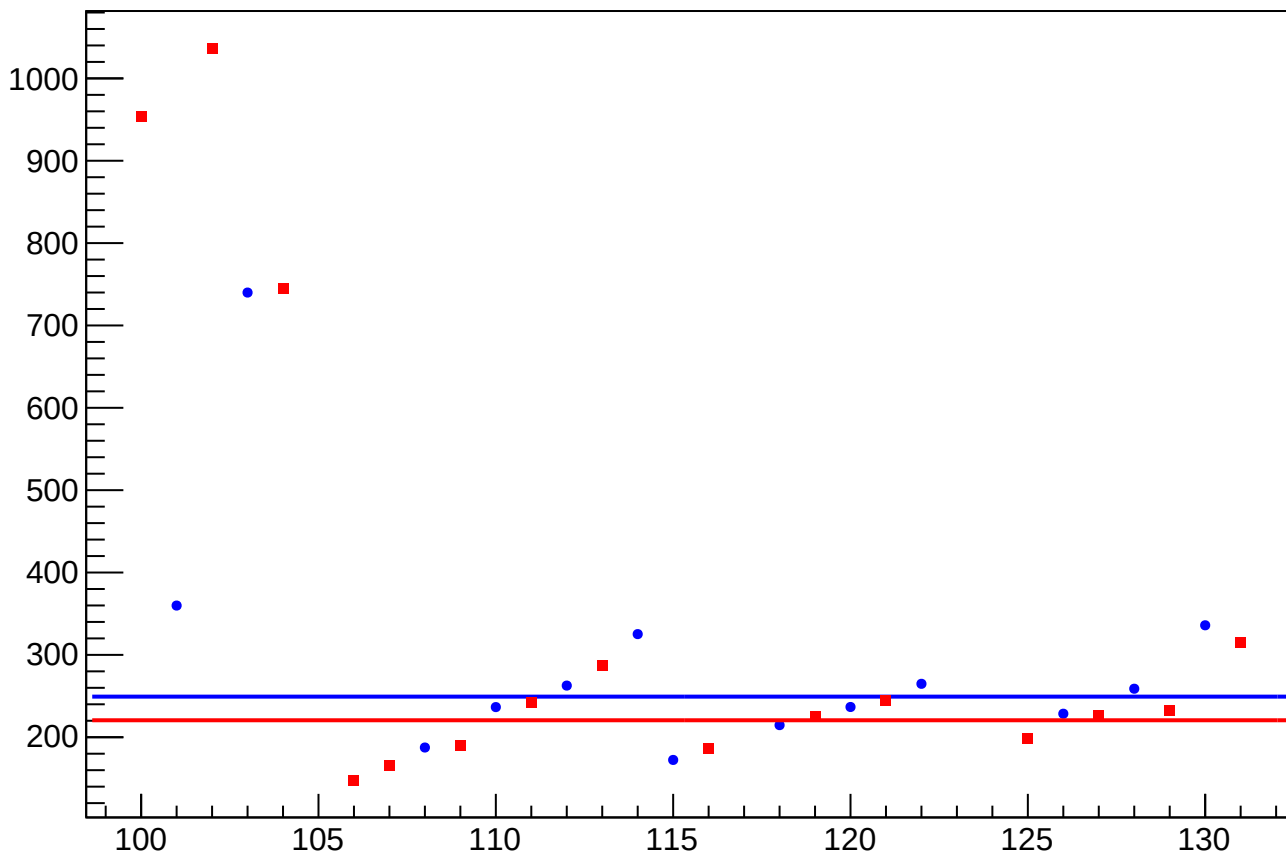
Right: -0.007+/-0.075 χ^2/NDF : 28.9/27

In: 0.097+/-0.113 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.075 χ^2/NDF : 28.9/27

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362924.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

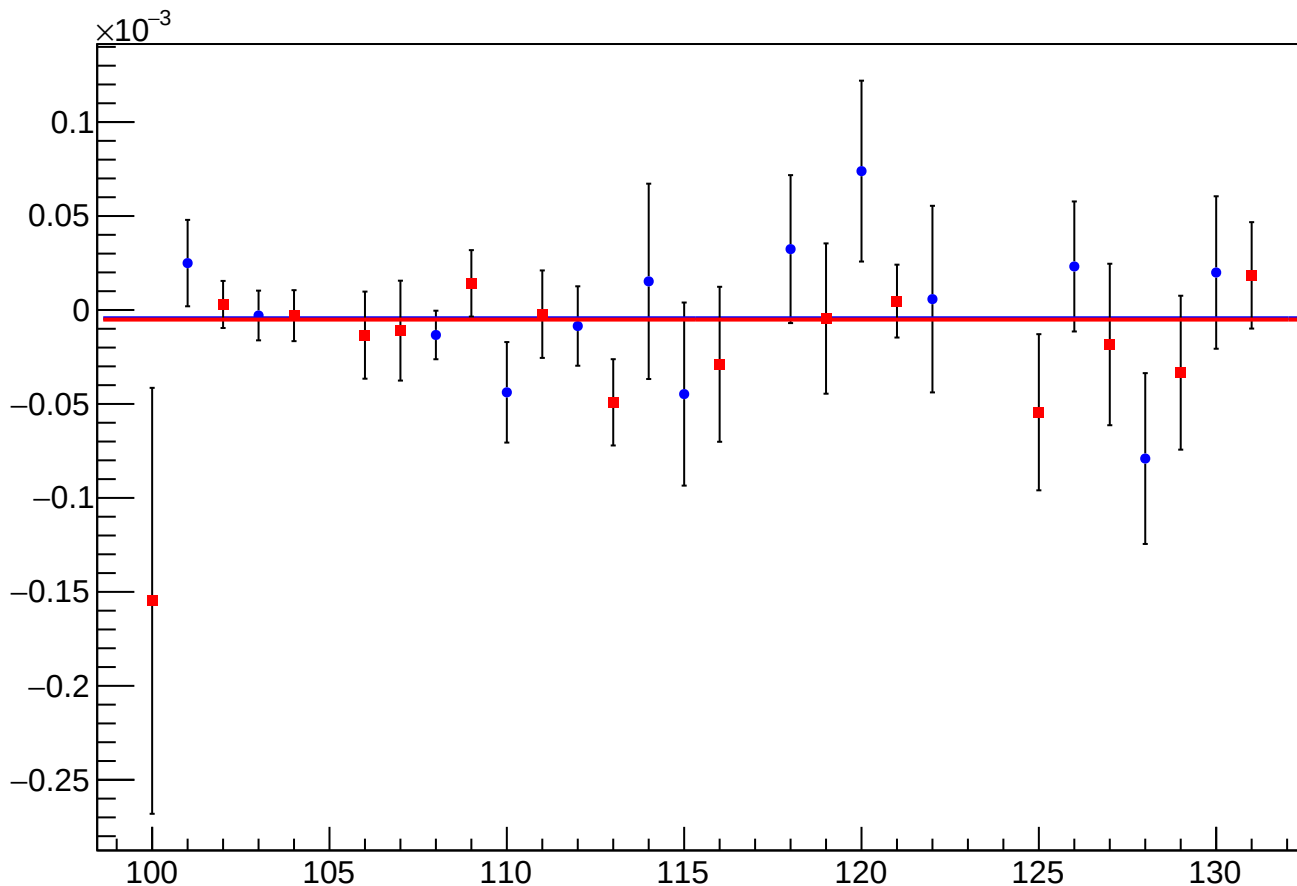
Right: 233.176+/-0.053 χ^2/NDF : 2332284.9/27

In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332284.9/27

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: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

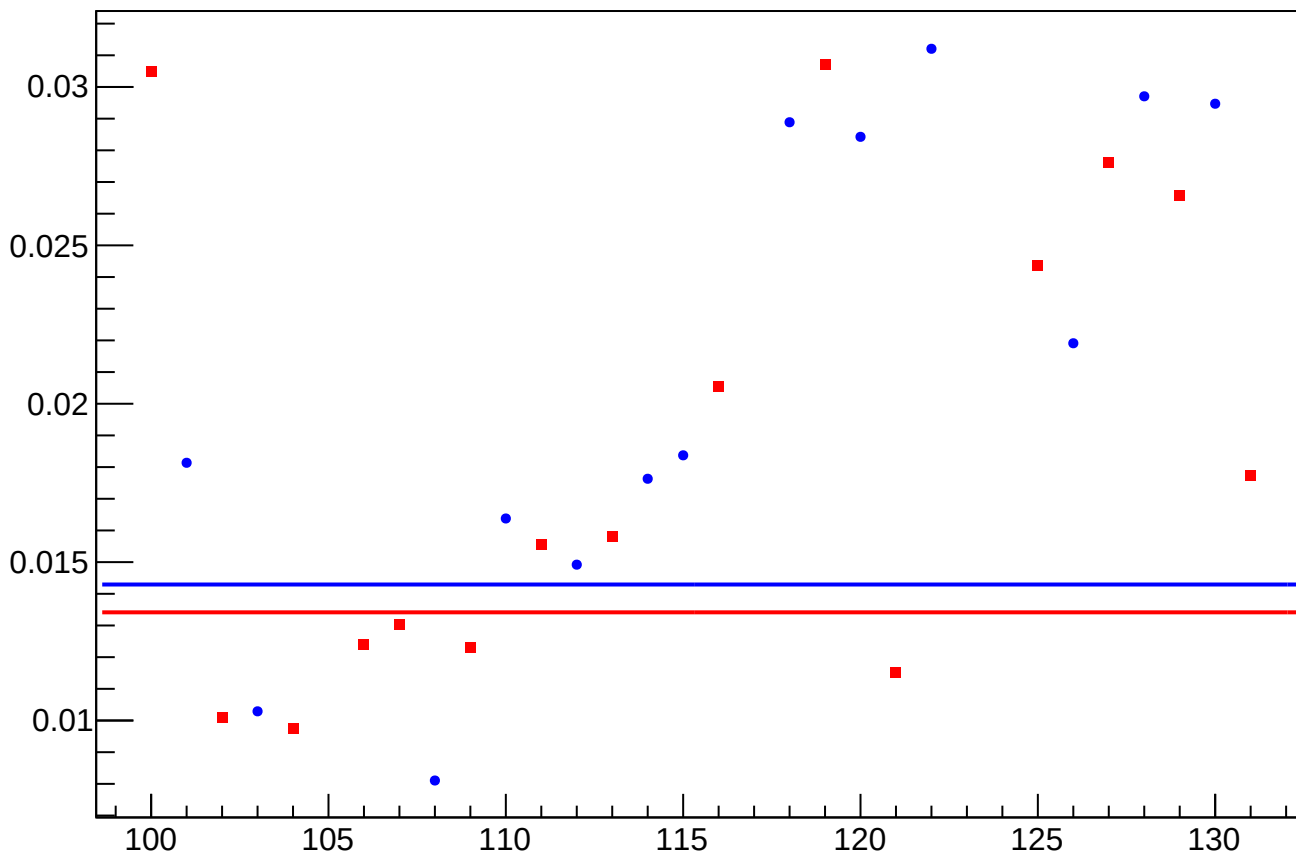
Right: -0.000+/-0.000 χ^2 /NDF: 22.9/27

In: -0.000+/-0.000 χ^2 /NDF:12.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.9/27

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 2020581.6/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000

χ^2/NDF : 1445881.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 3485471.9/27

In: 0.014+/-0.000

χ^2/NDF : 2020581.6/12

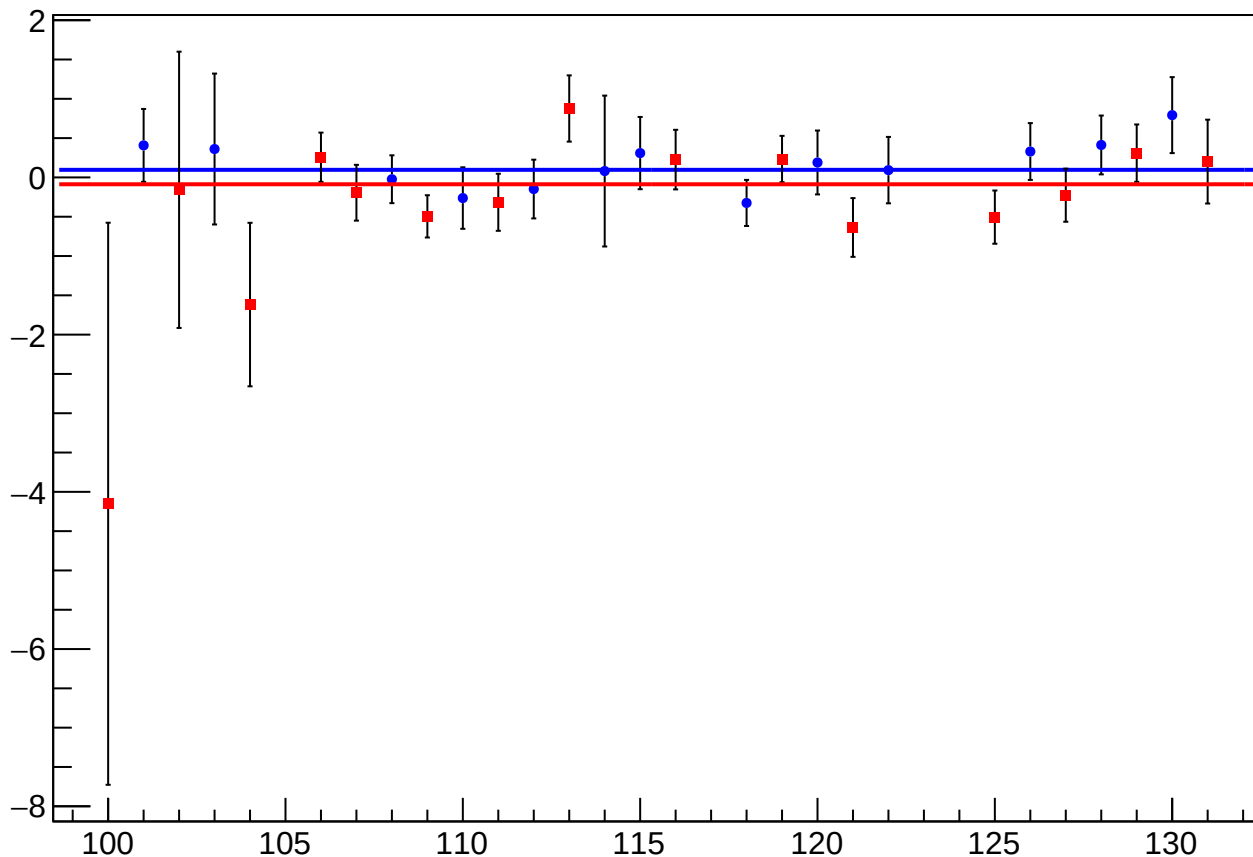
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 3485471.9/27

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097 ± 0.113 χ^2/NDF : 7.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.087 ± 0.100 χ^2/NDF : 19.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

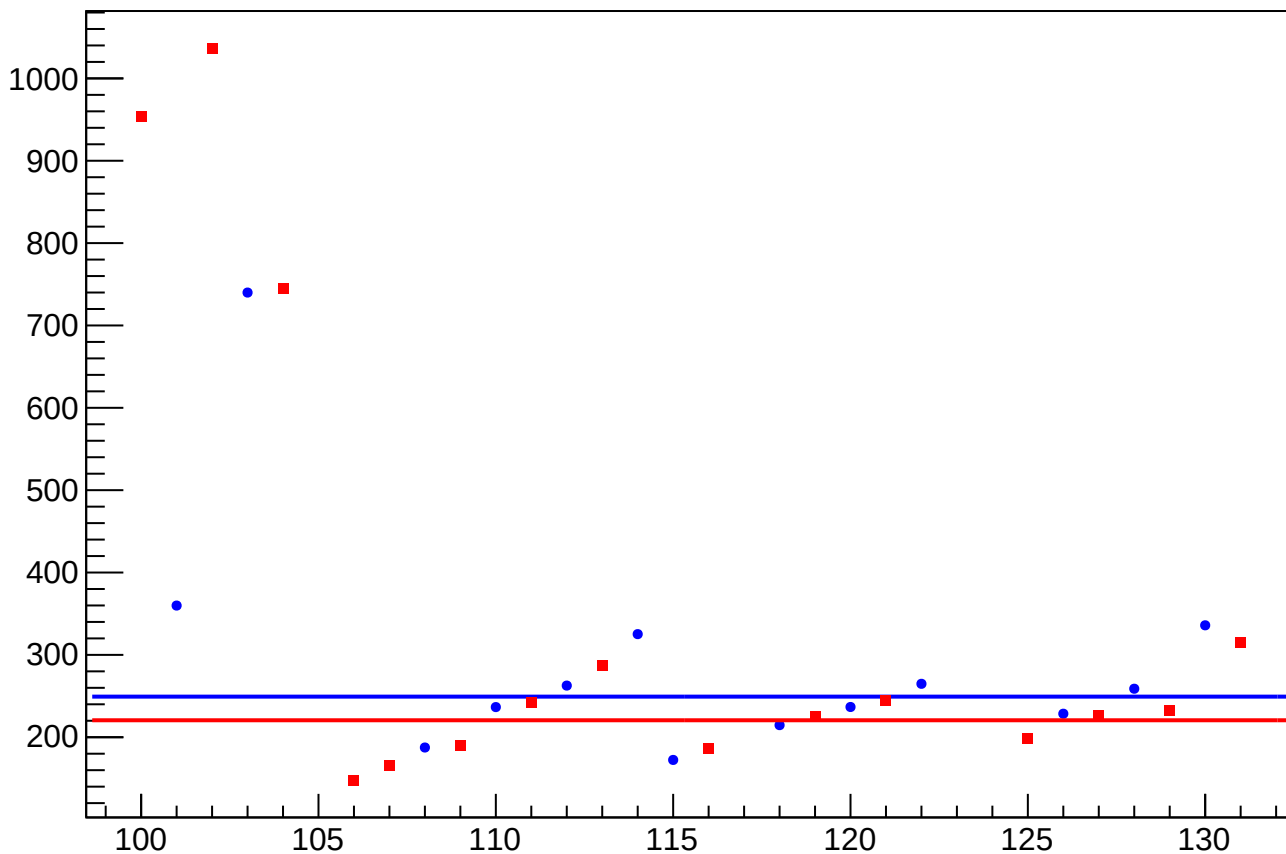
Right: -0.007 ± 0.075 χ^2/NDF : 28.9/27

In: 0.097 ± 0.113 χ^2/NDF : 7.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.075 χ^2/NDF : 28.9/27

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362914.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

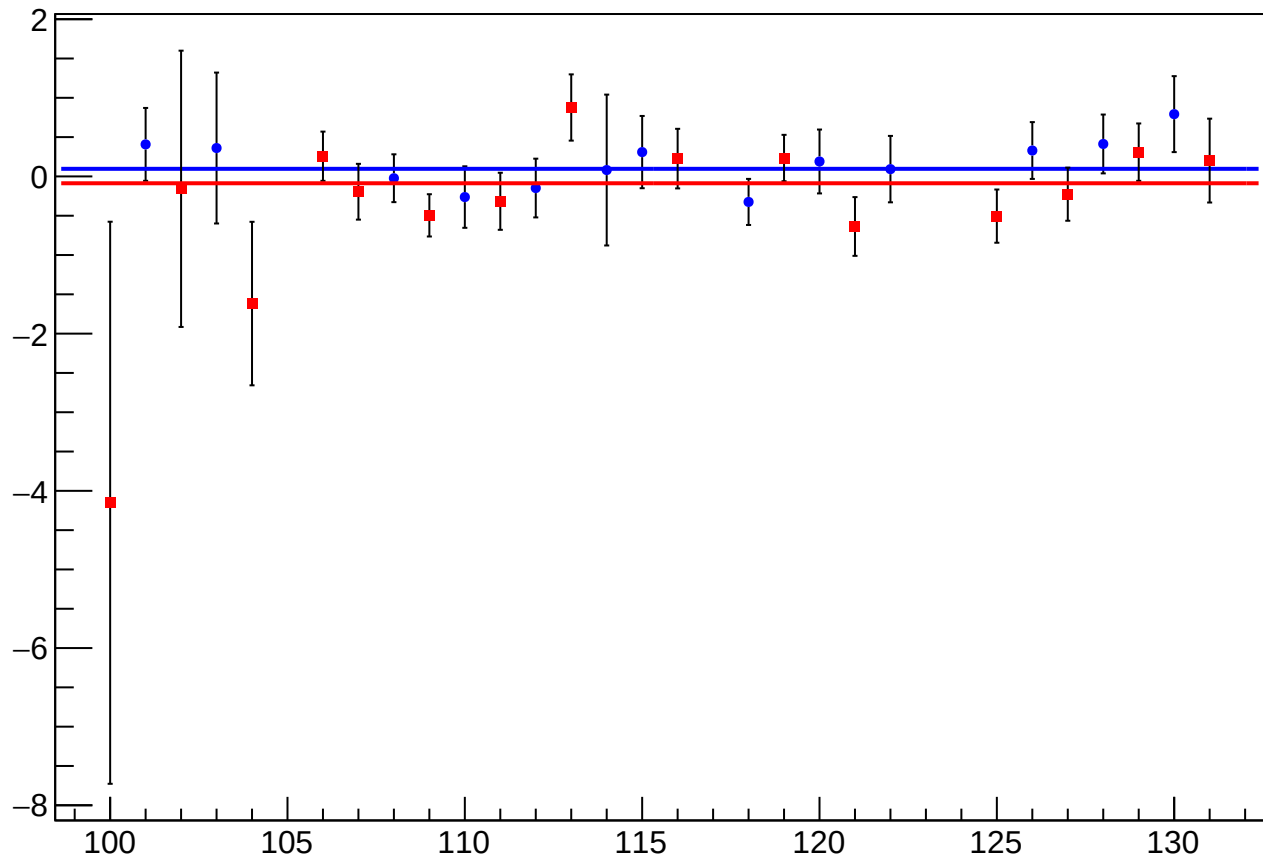
Right: 233.176+/-0.053 χ^2/NDF : 2332221.6/27

In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332221.6/27

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097+/-0.113 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.100 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

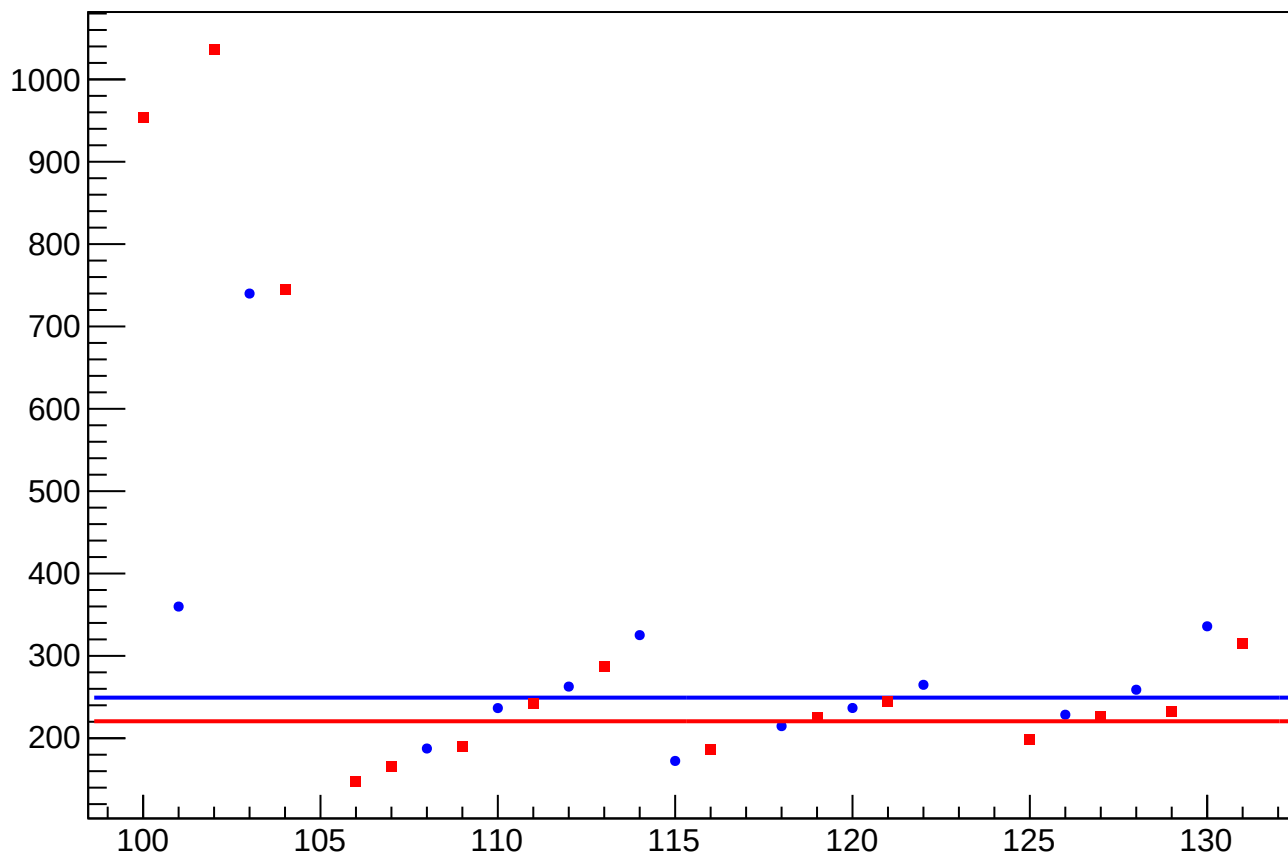
Right: -0.007+/-0.075 χ^2/NDF : 28.9/27

In: 0.097+/-0.113 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.075 χ^2/NDF : 28.9/27

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362914.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

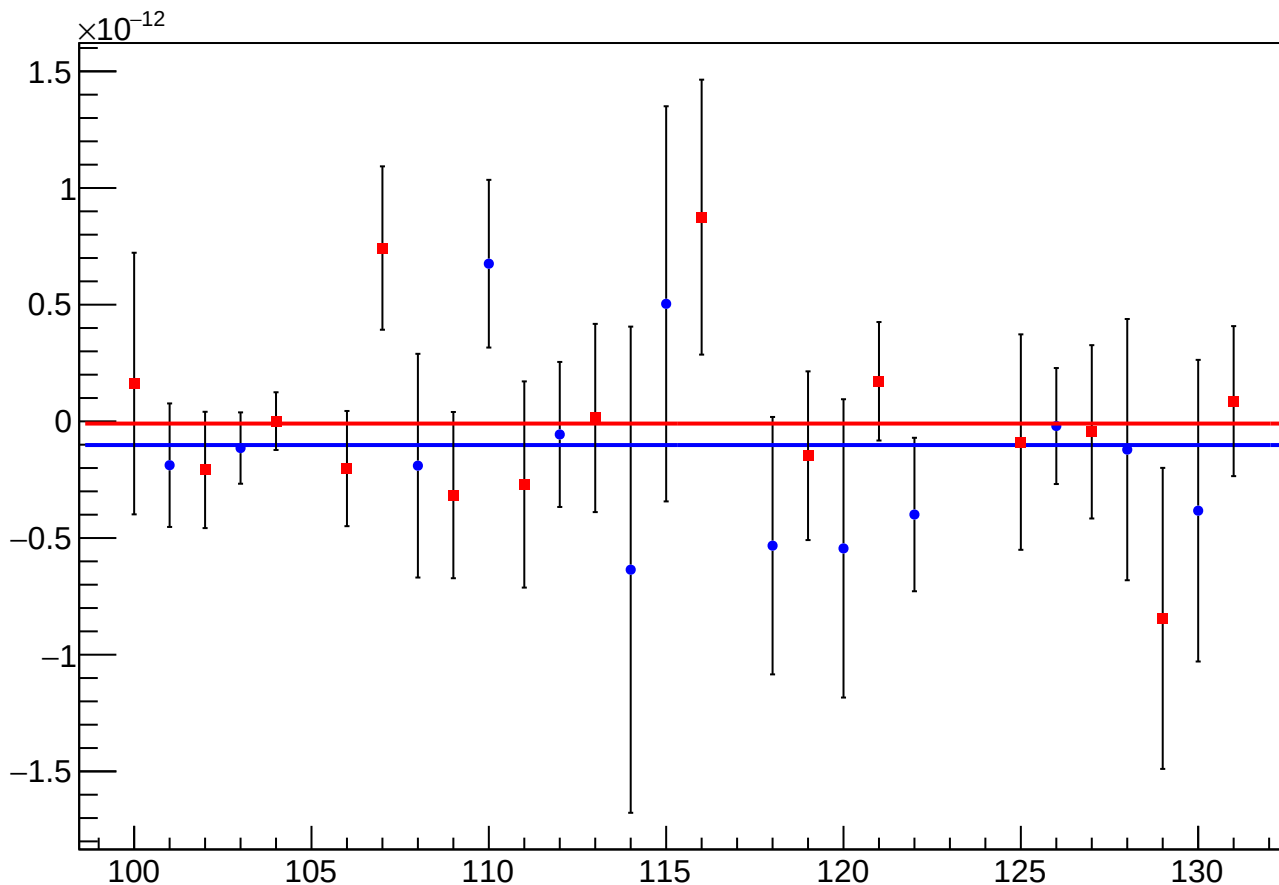
Right: 233.176+/-0.053 χ^2/NDF : 2332221.6/27

In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332221.6/27

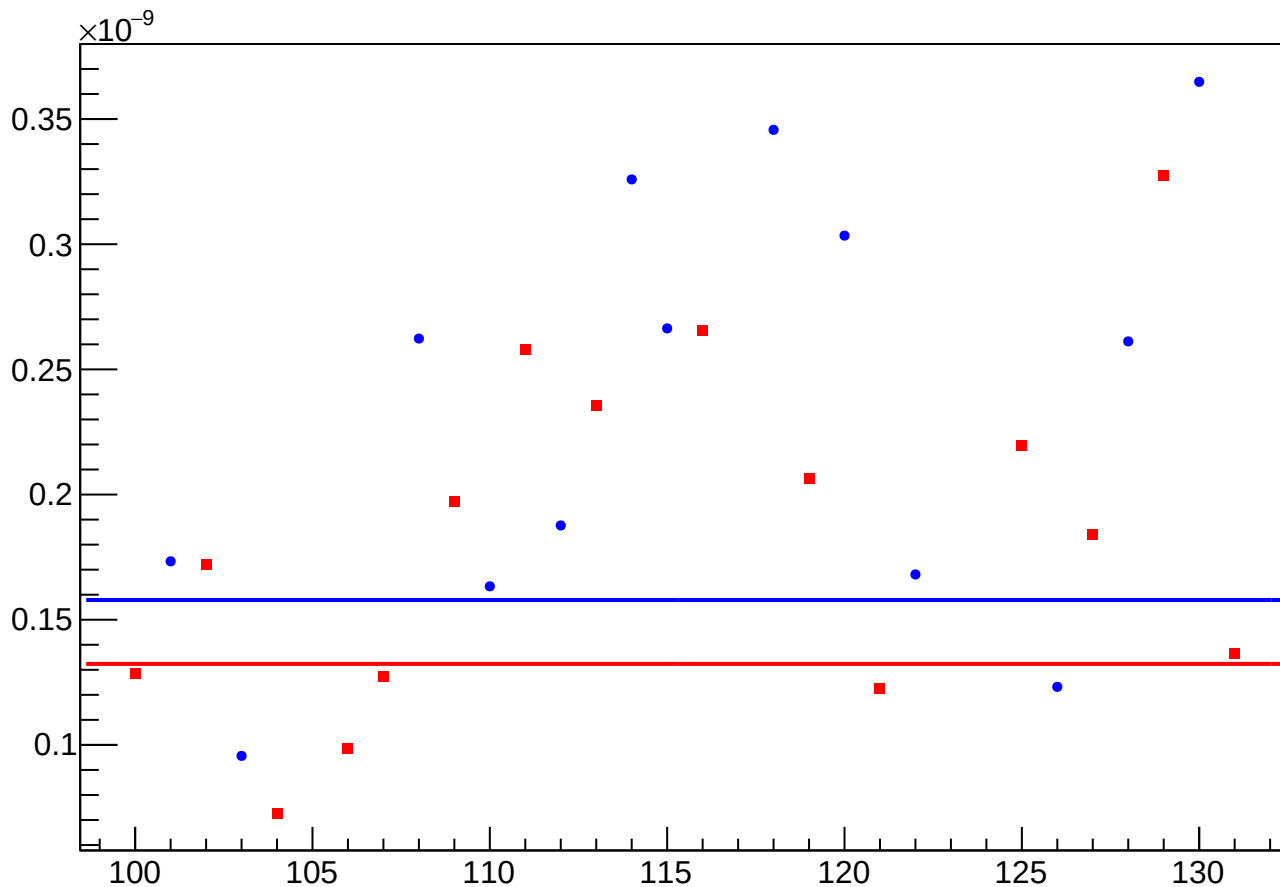
asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.8/12
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 11.8/14
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 20.2/27
 In: -0.000+/-0.000 χ^2 /NDF:7.8/12
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 20.2/27

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 : 1186770.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1398560.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

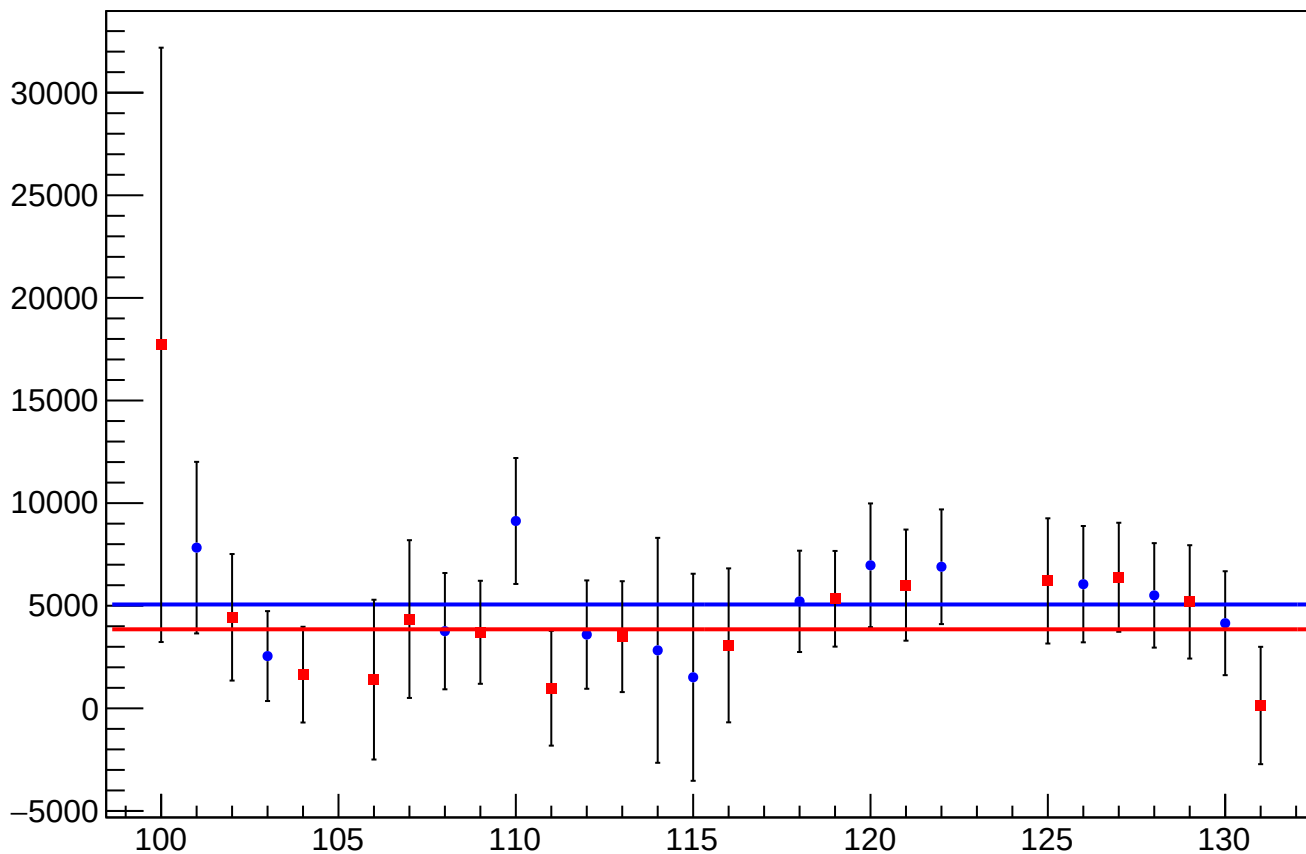
Right: 0.000+/-0.000 χ^2/NDF : 2678087.0/27

In: 0.000+/-0.000 χ^2/NDF : 1186770.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2678087.0/27

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5061.529+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3851.676+/-756.959 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

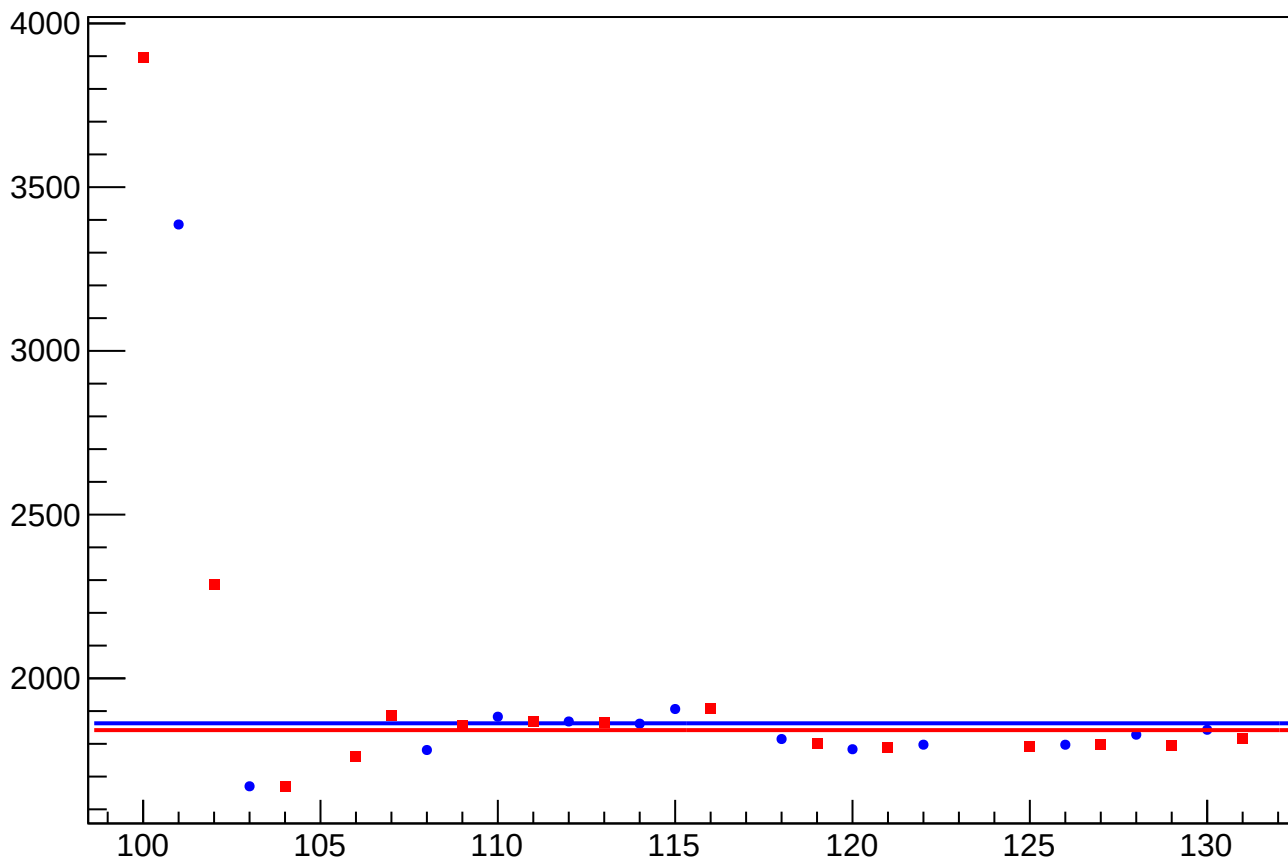
Right: 4420.641+/-550.931 χ^2/NDF : 14.9/27

In: 5061.529+/-803.379 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4420.641+/-550.931 χ^2/NDF : 14.9/27

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.707+/-0.568 χ^2/NDF : 287700.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1841.877+/-0.533 χ^2/NDF : 98186.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

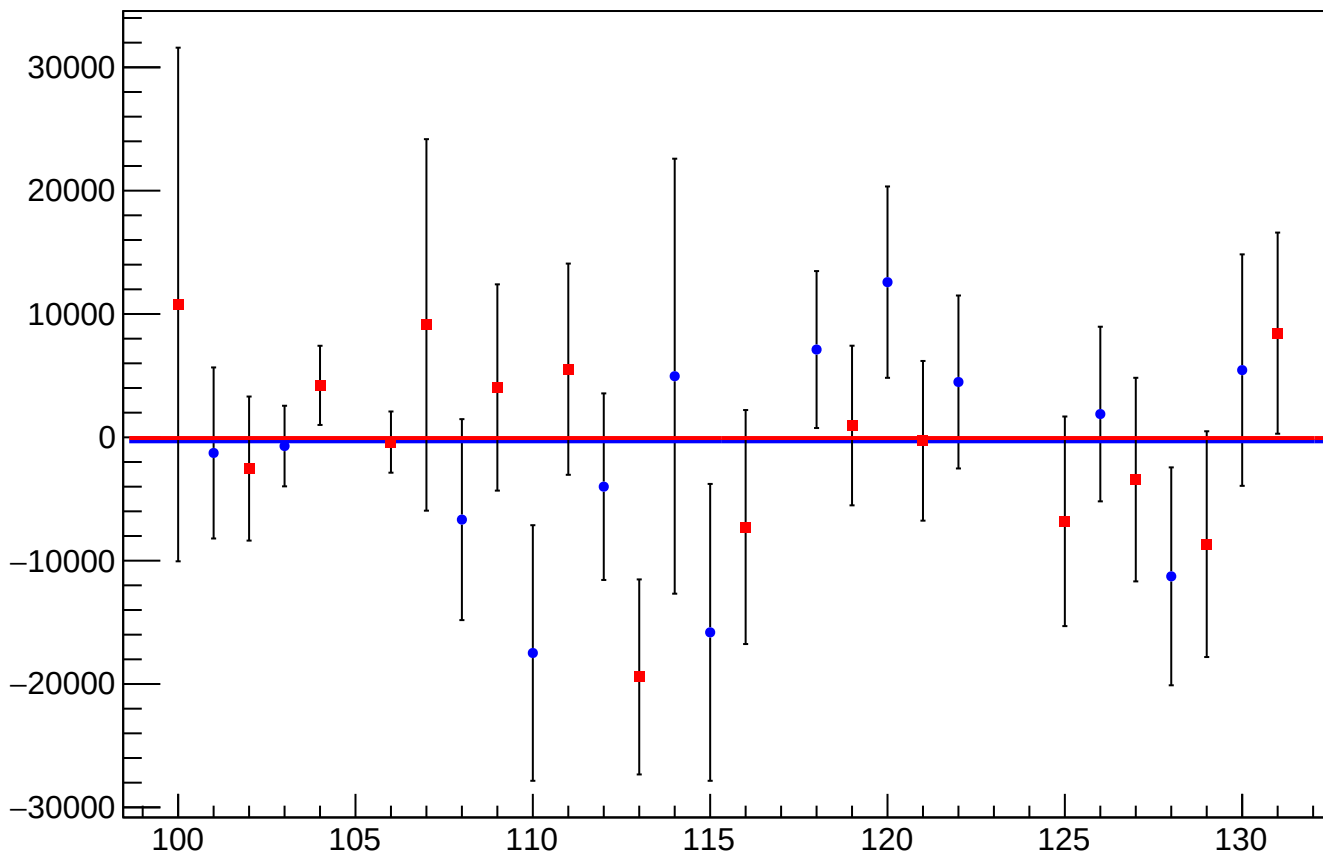
Right: 1851.636+/-0.389 χ^2/NDF : 386601.3/27

In: 1862.707+/-0.568 χ^2/NDF : 287700.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.636+/-0.389 χ^2/NDF : 386601.3/27

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -322.518+/-1916.675 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.403+/-1484.443 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

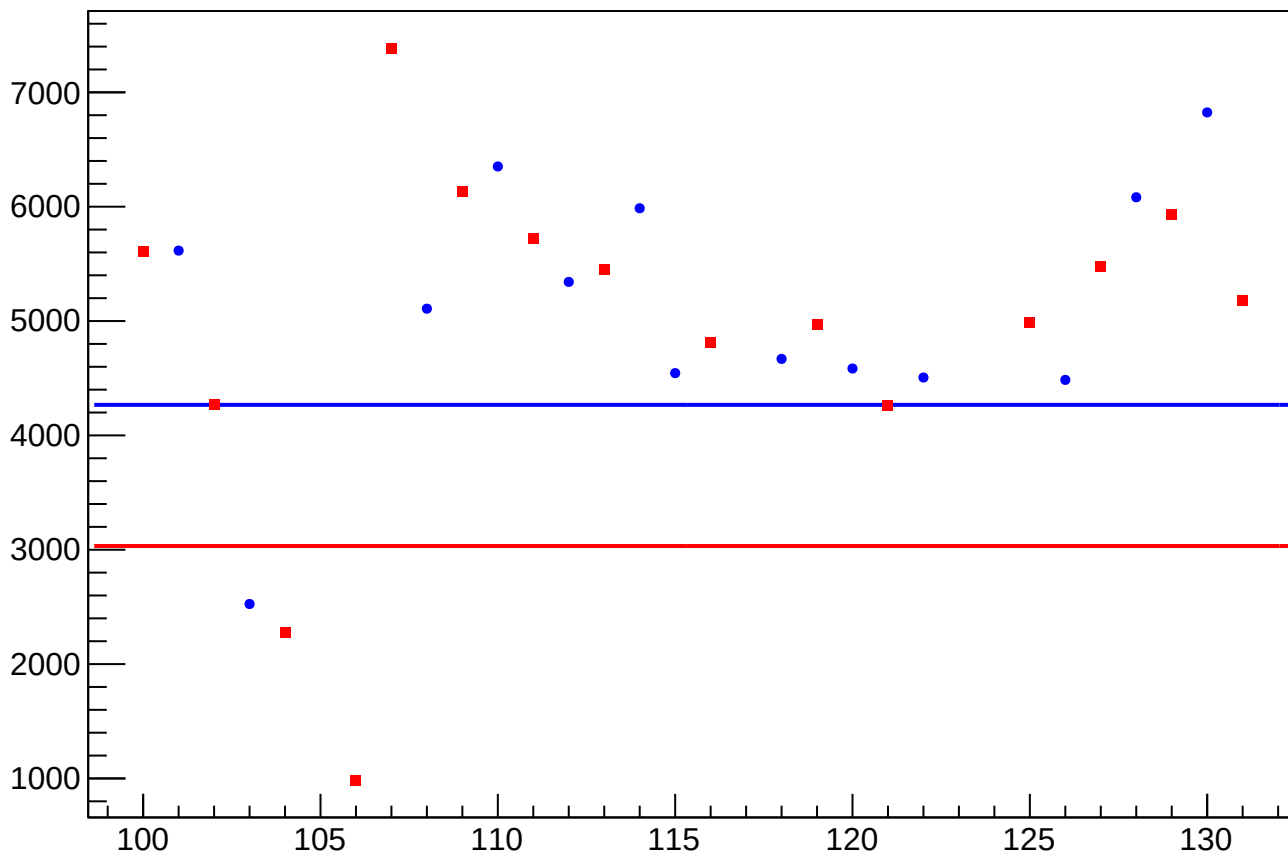
Right: -156.804+/-1173.617 χ^2/NDF : 24.6/27

In: -322.518+/-1916.675 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.804+/-1173.617 χ^2/NDF : 24.6/27

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4267.112+/-1.355 χ^2/NDF : 1055010.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3032.572+/-1.050 χ^2/NDF : 3364639.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

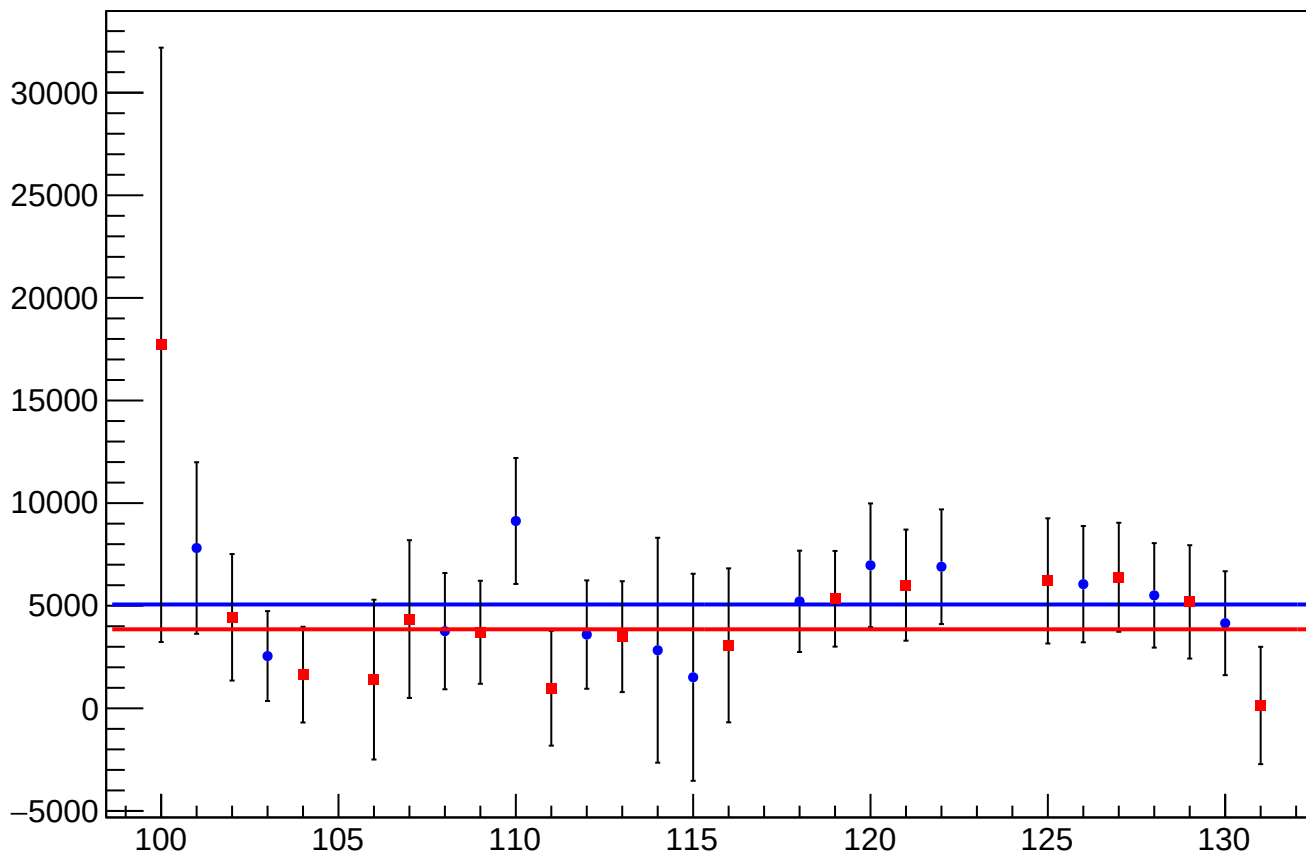
Right: 3495.444+/-0.830 χ^2/NDF : 4938292.7/27

In: 4267.112+/-1.355 χ^2/NDF : 1055010.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3495.444+/-0.830 χ^2/NDF : 4938292.7/27

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3851.417+/-756.959 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

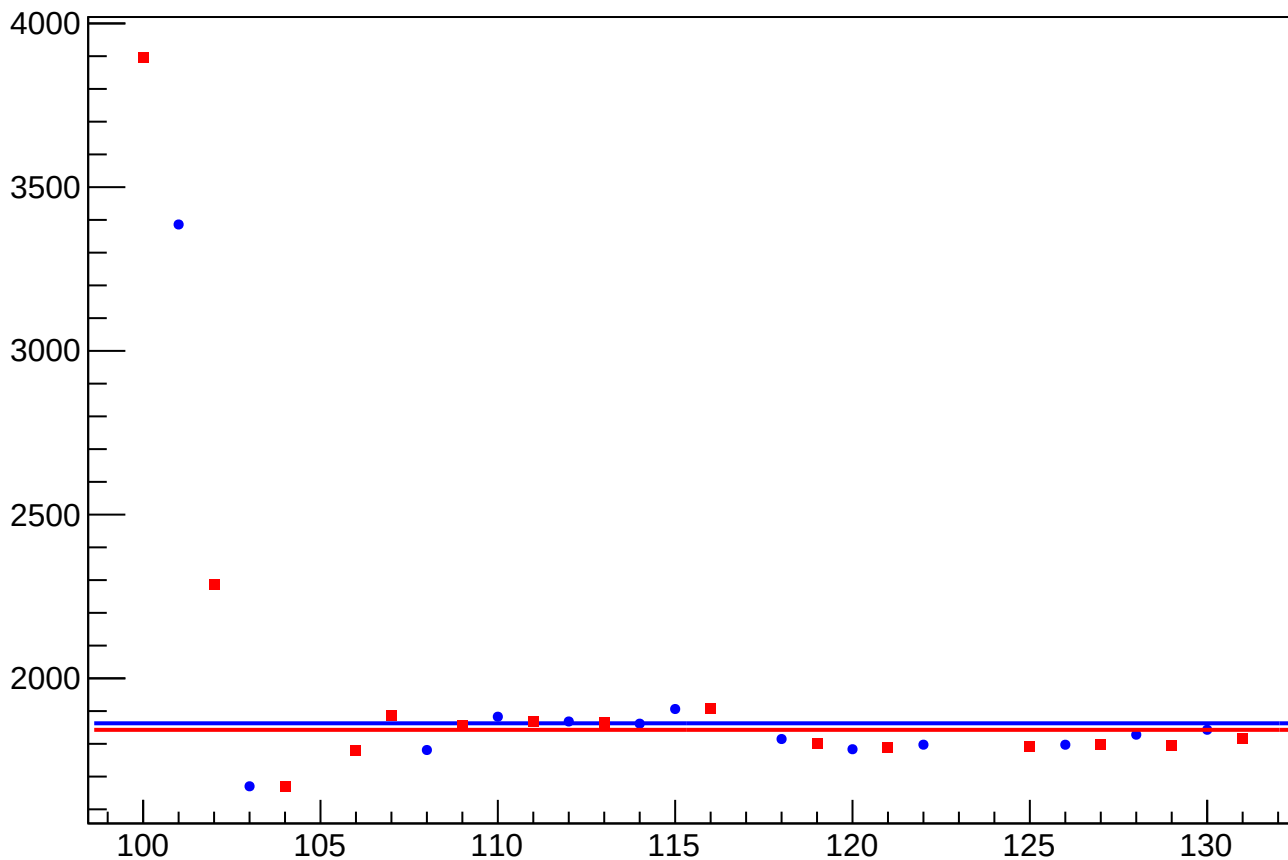
Right: 4420.252+/-550.931 χ^2/NDF : 14.9/27

In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4420.252+/-550.931 χ^2/NDF : 14.9/27

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.703+/-0.534 χ^2/NDF : 97783.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

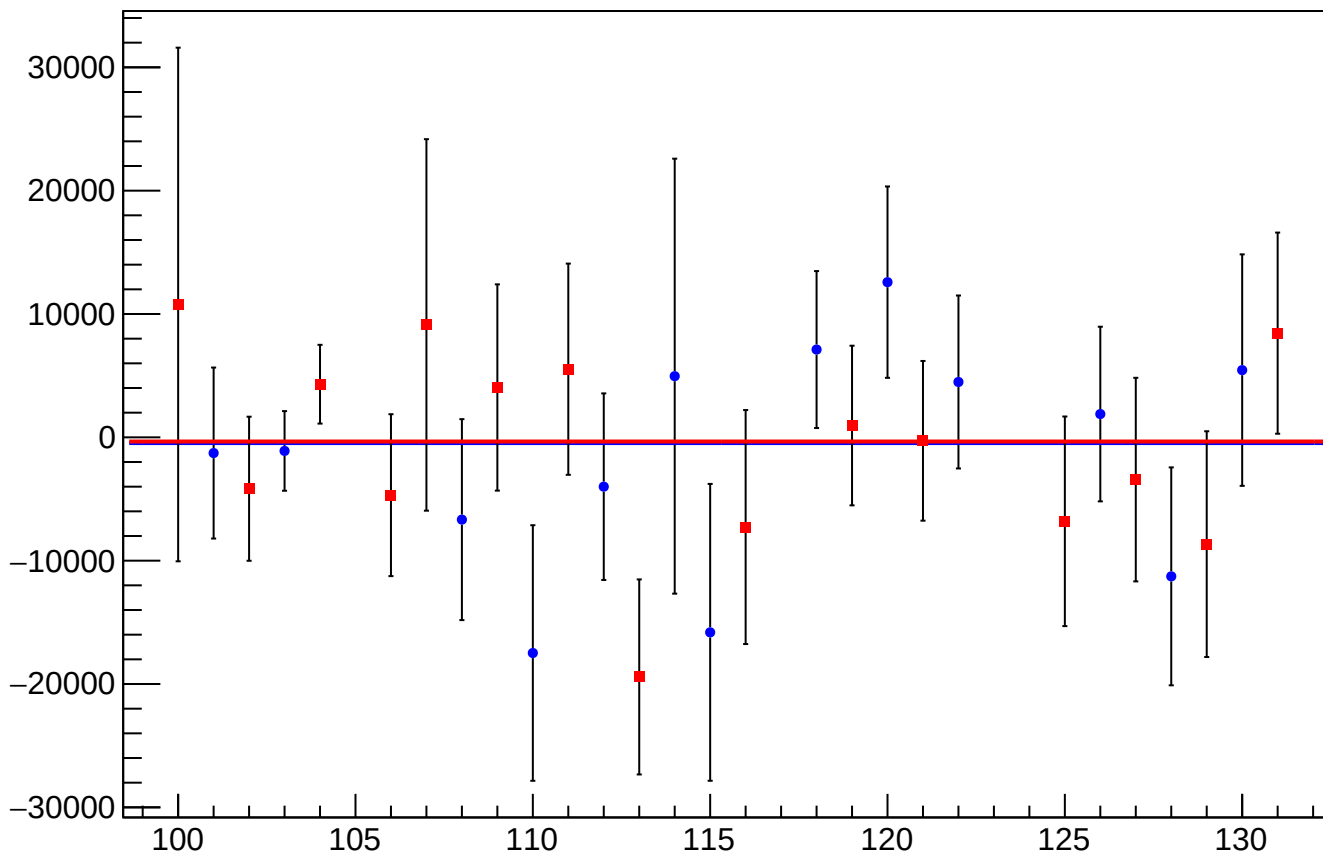
Right: 1852.079+/-0.389 χ^2/NDF : 386144.5/27

In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.079+/-0.389 χ^2/NDF : 386144.5/27

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -338.514+/-1780.082 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

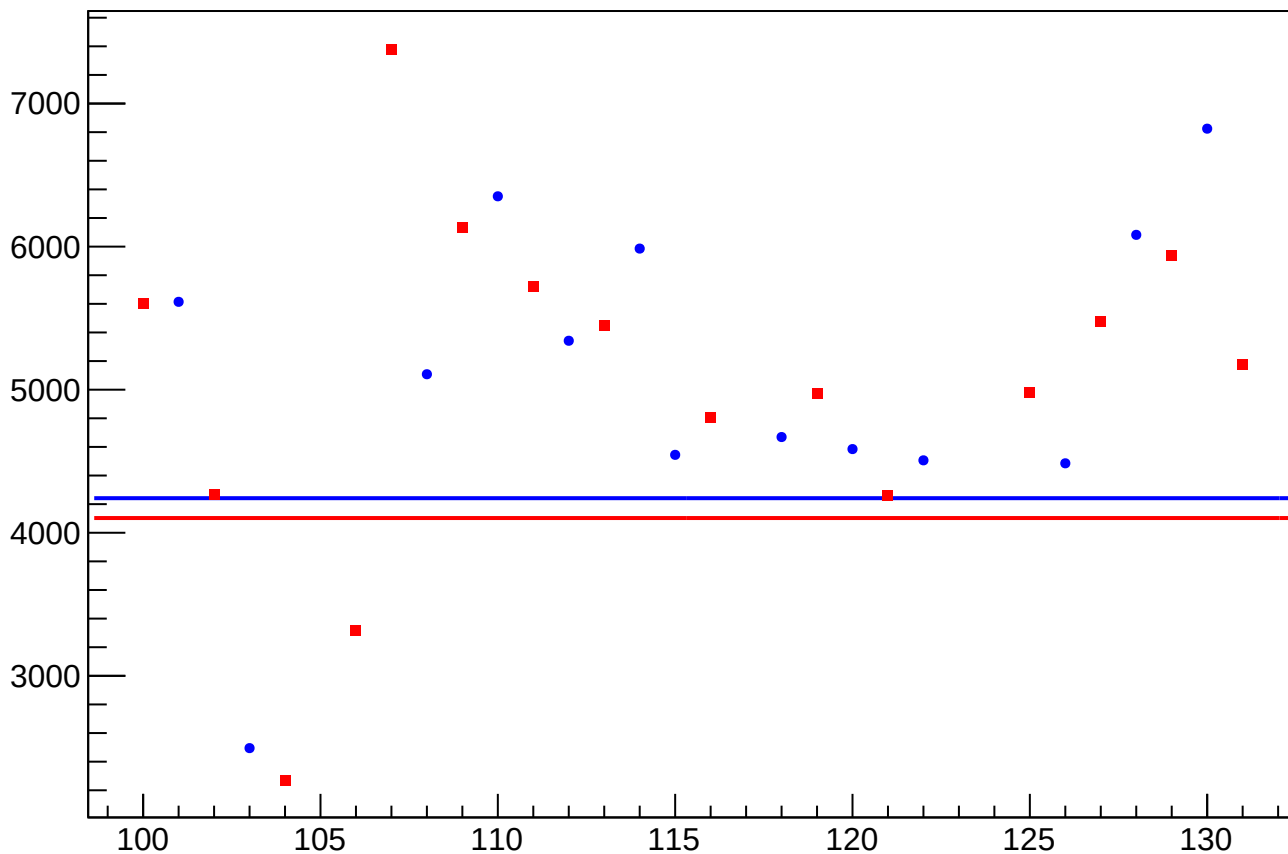
Right: -396.967+/-1301.773 χ^2/NDF : 25.5/27

In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.967+/-1301.773 χ^2/NDF : 25.5/27

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4102.888+/-1.259 χ^2/NDF : 1282245.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

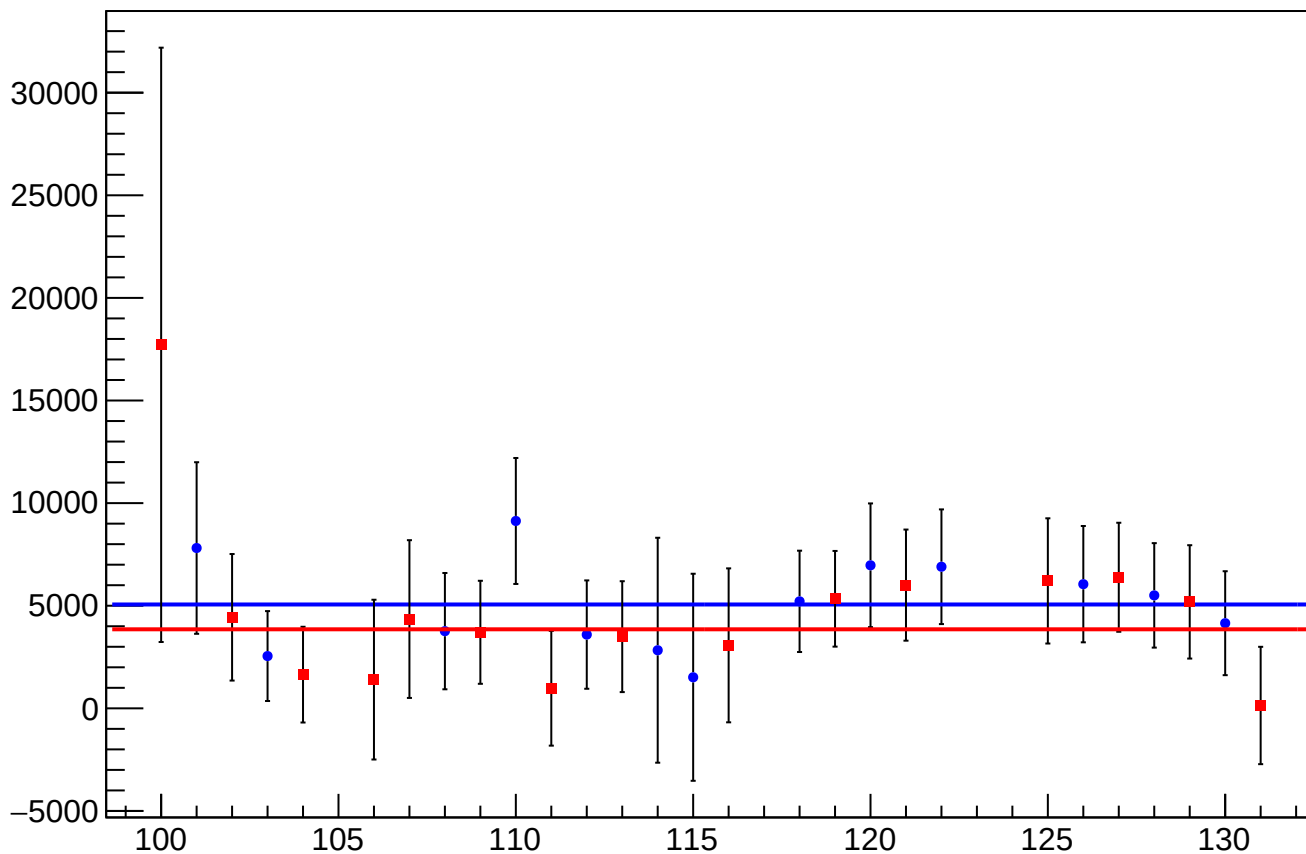
Right: 4167.454+/-0.920 χ^2/NDF : 2377158.9/27

In: 4241.679+/-1.350 χ^2/NDF :1089257.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4167.454+/-0.920 χ^2/NDF : 2377158.9/27

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3851.417+/-756.959 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

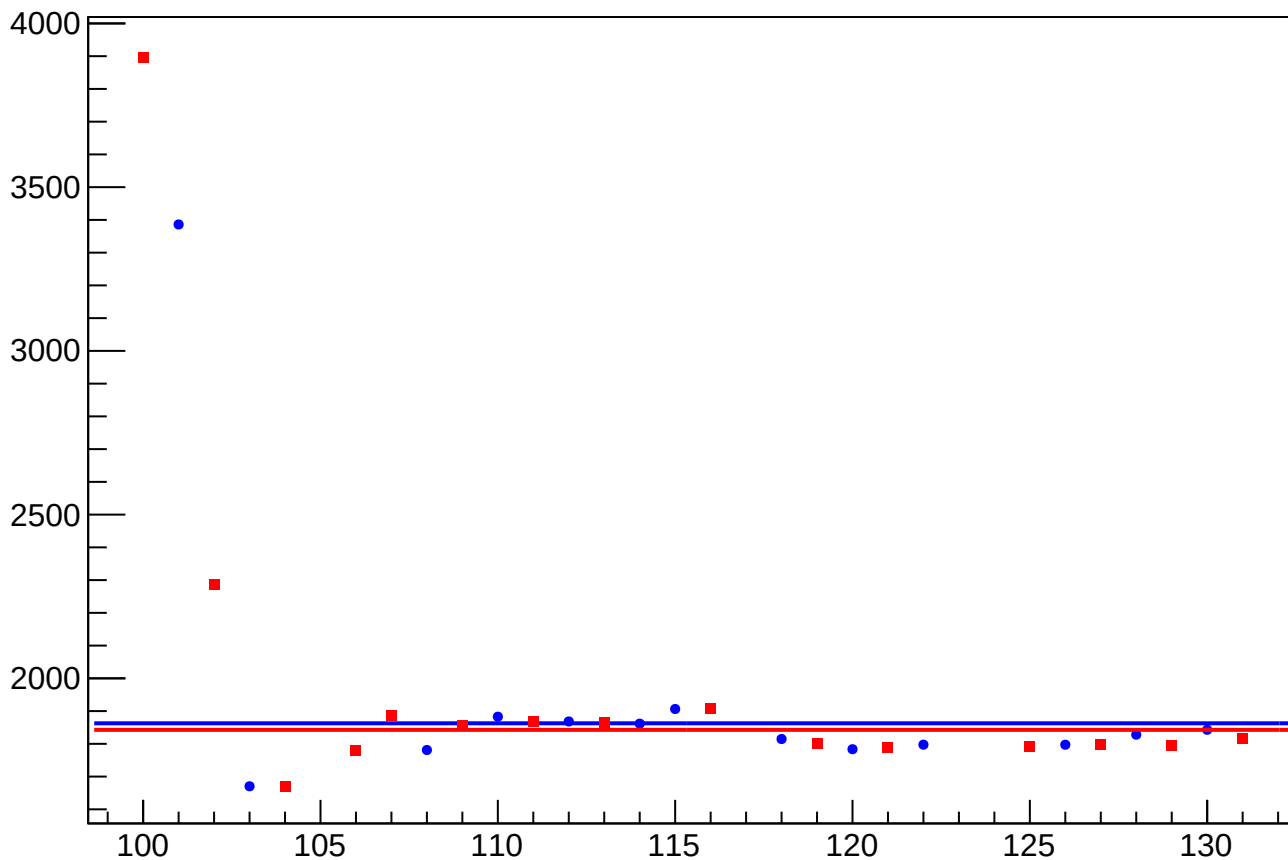
Right: 4420.252+/-550.931 χ^2/NDF : 14.9/27

In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4420.252+/-550.931 χ^2/NDF : 14.9/27

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.703+/-0.534 χ^2/NDF : 97783.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

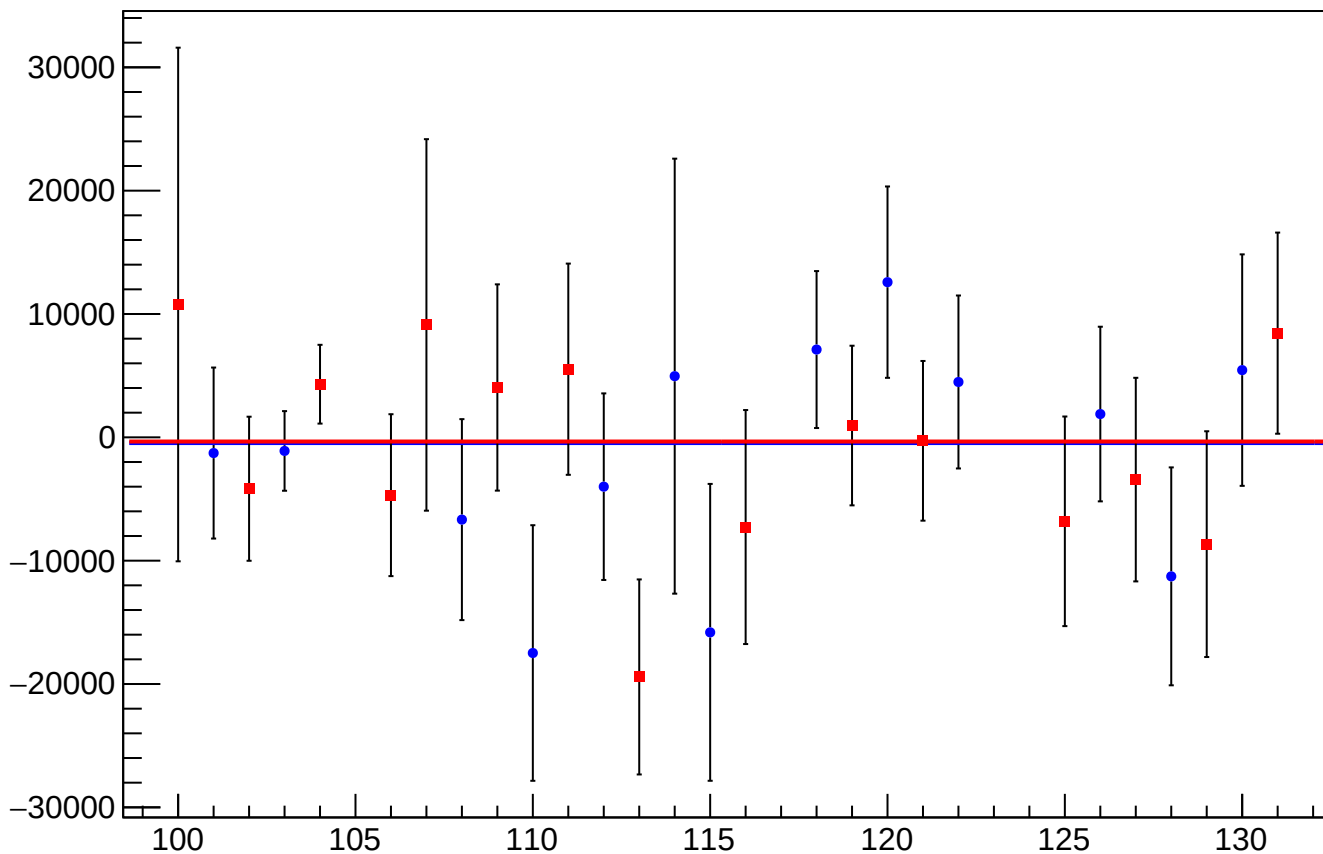
Right: 1852.079+/-0.389 χ^2/NDF : 386144.5/27

In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.079+/-0.389 χ^2/NDF : 386144.5/27

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -338.514+/-1780.082 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

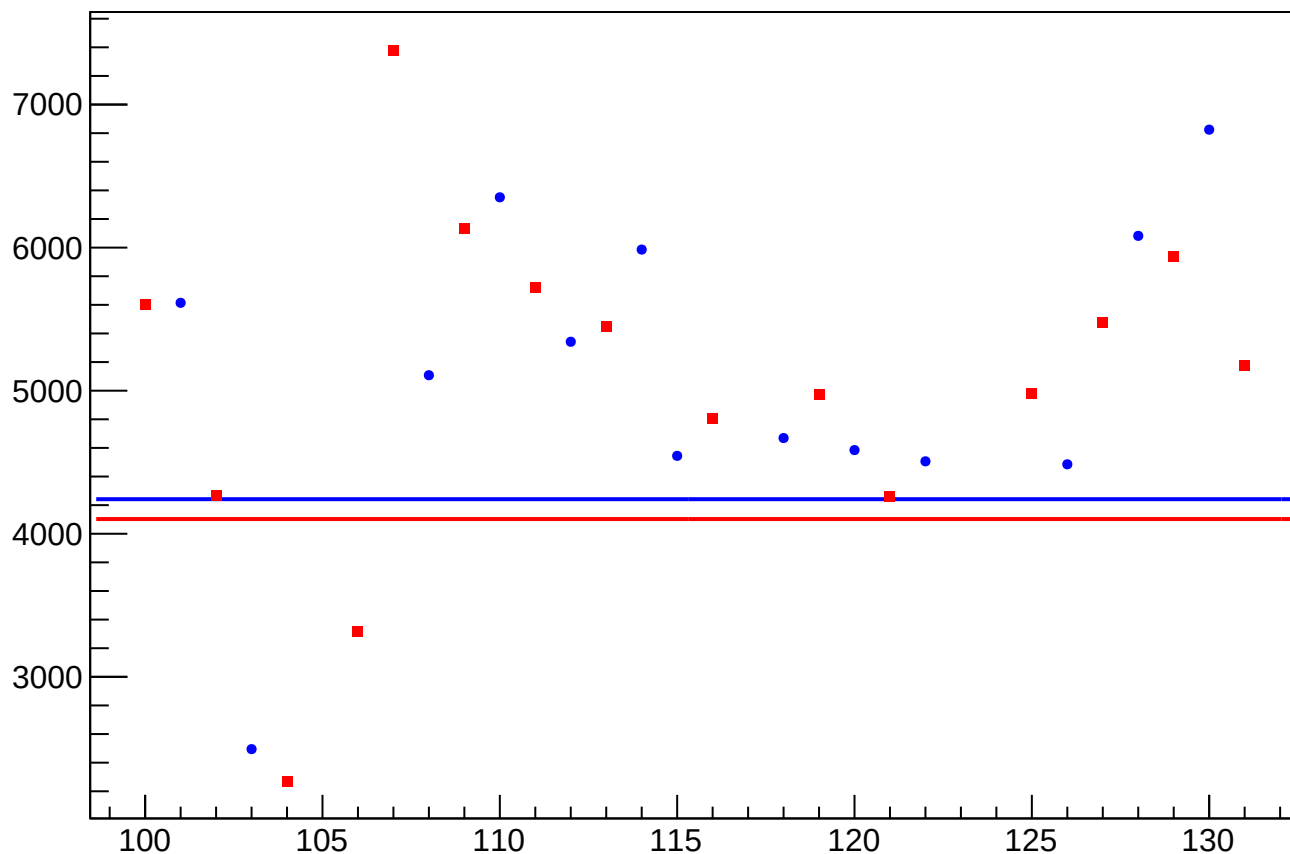
Right: -396.967+/-1301.773 χ^2/NDF : 25.5/27

In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.967+/-1301.773 χ^2/NDF : 25.5/27

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4102.888+/-1.259 χ^2/NDF : 1282245.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

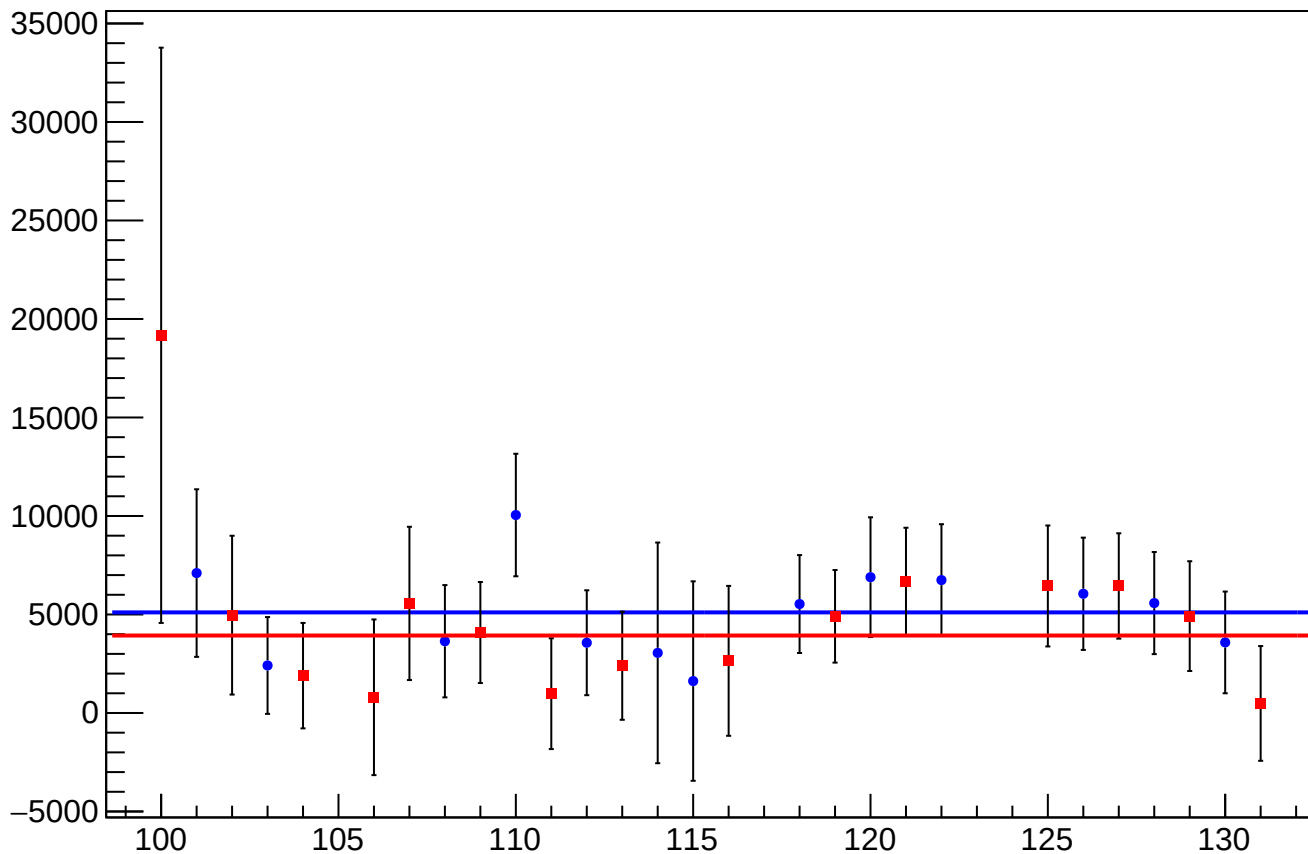
Right: 4167.454+/-0.920 χ^2/NDF : 2377158.9/27

In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4167.454+/-0.920 χ^2/NDF : 2377158.9/27

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5106.363+/-823.115 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3931.874+/-784.535 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

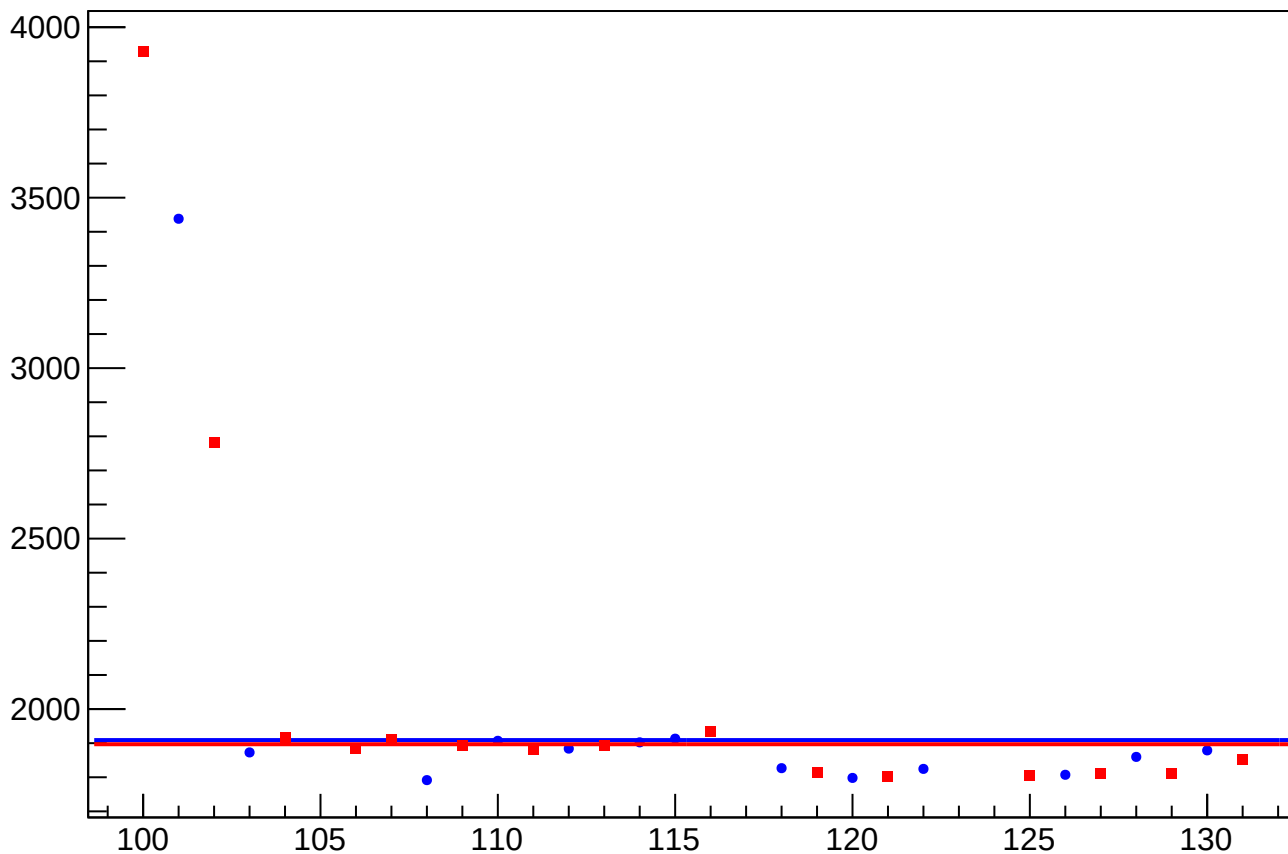
Right: 4490.950+/-567.899 χ^2/NDF : 15.8/27

In: 5106.363+/-823.115 χ^2/NDF : 6.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4490.950+/-567.899 χ^2/NDF : 15.8/27

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1909.073+/-0.582 χ^2/NDF : 272685.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.877+/-0.554 χ^2/NDF : 146643.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

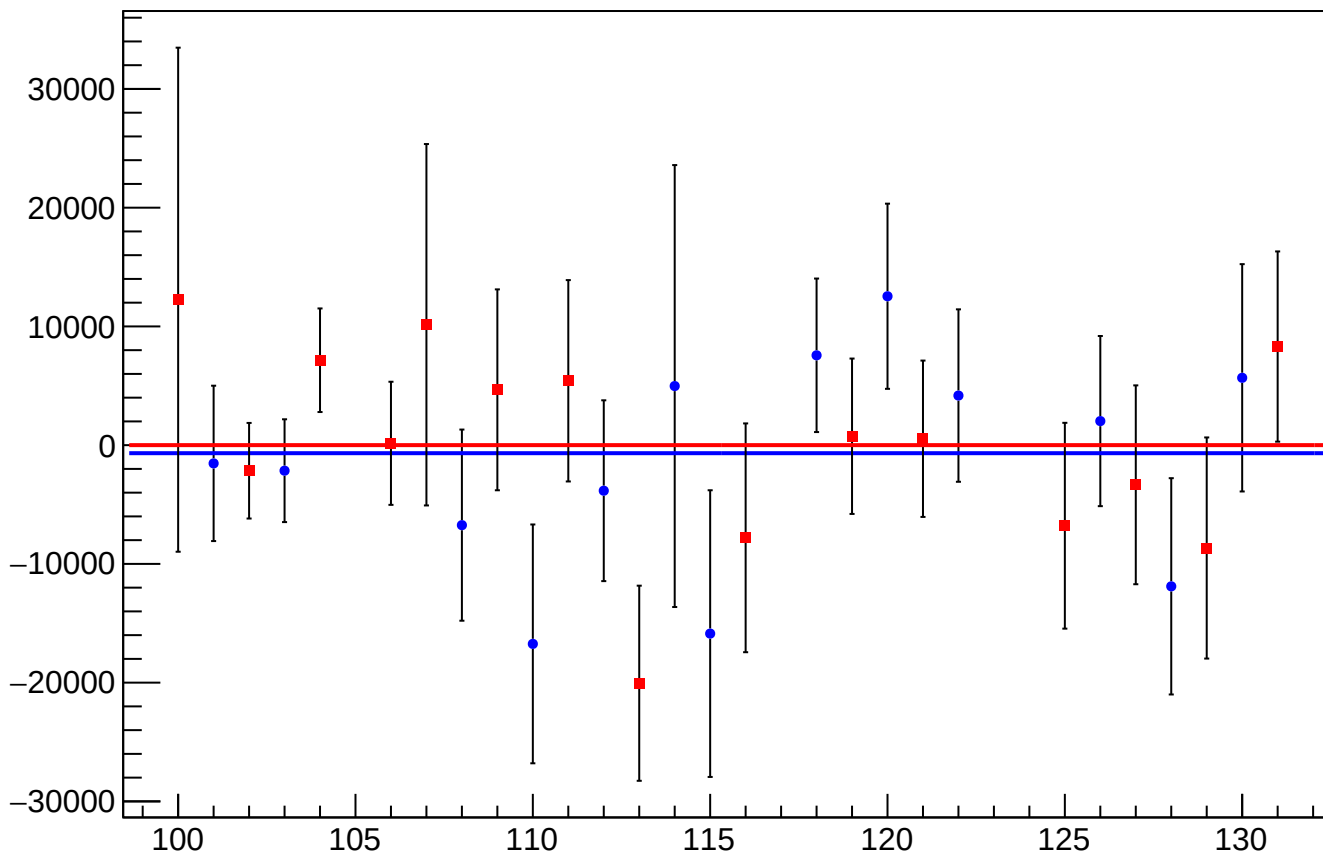
Right: 1902.675+/-0.401 χ^2/NDF : 419559.4/27

In: 1909.073+/-0.582 χ^2/NDF : 272685.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.675+/-0.401 χ^2/NDF : 419559.4/27

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -676.171+/-2081.386 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.554+/-1788.563 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

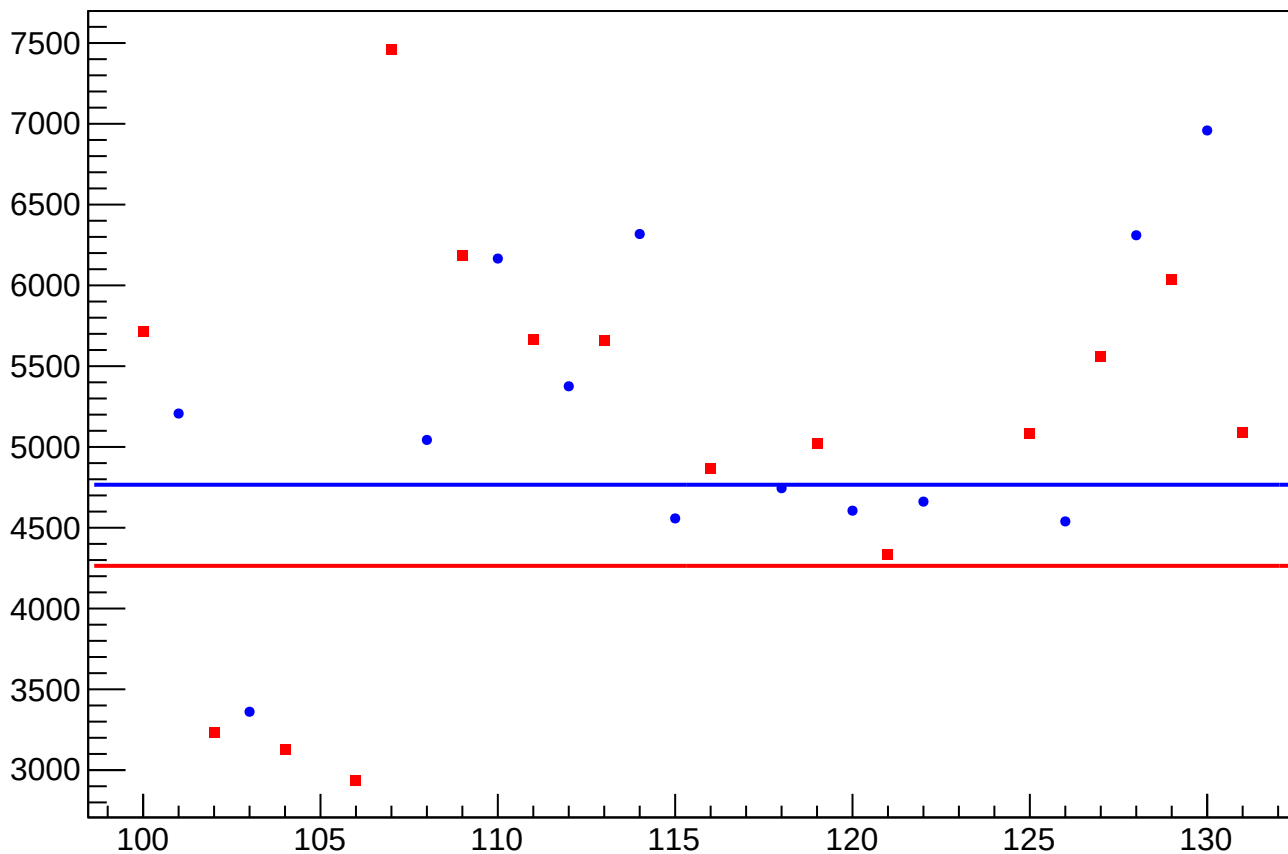
Right: -285.745+/-1356.522 χ^2/NDF : 26.0/27

In: -676.171+/-2081.386 χ^2/NDF :12.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -285.745+/-1356.522 χ^2/NDF : 26.0/27

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4766.158+/-1.472 χ^2/NDF : 453891.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4264.190+/-1.265 χ^2/NDF : 904515.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

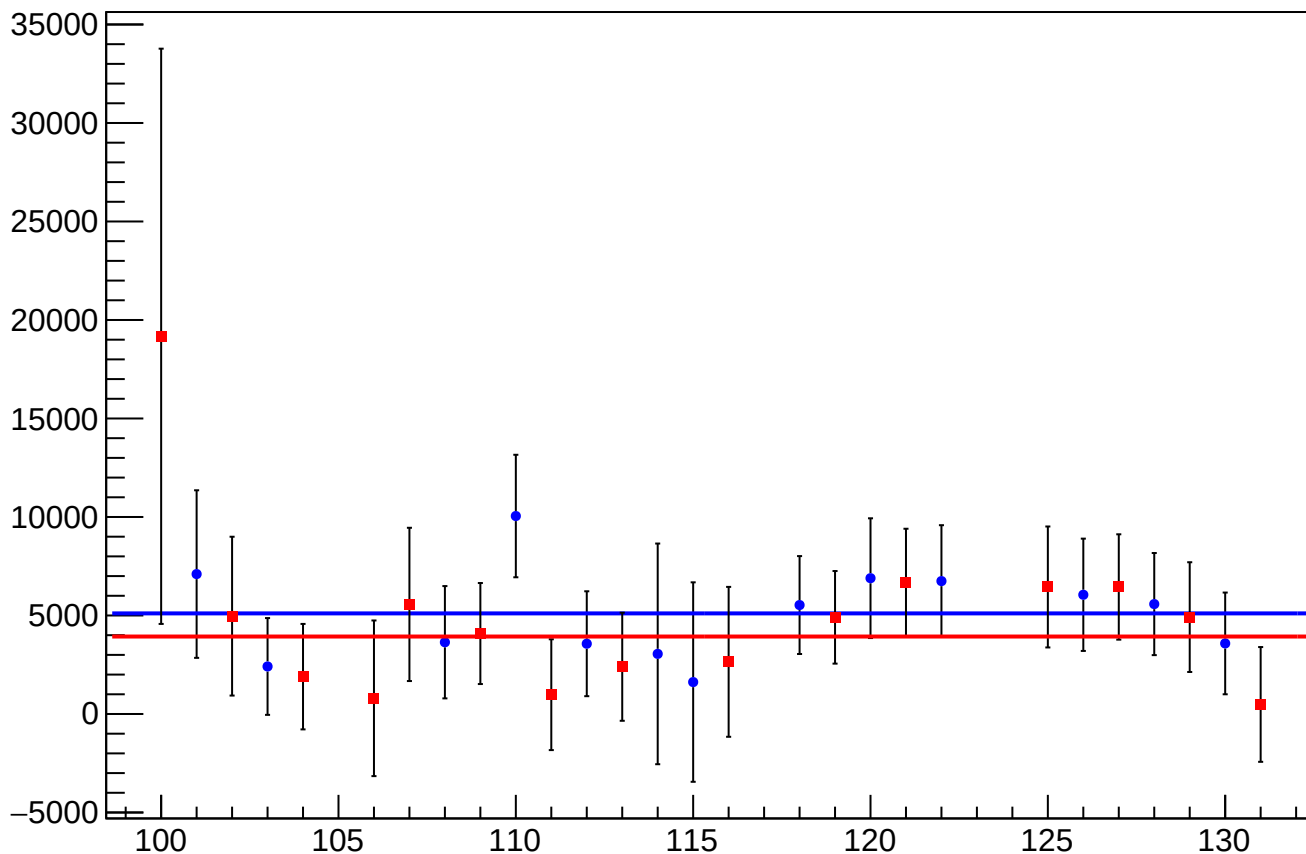
Right: 4477.408+/-0.959 χ^2/NDF : 1425321.5/27

In: 4766.158+/-1.472 χ^2/NDF : 453891.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4477.408+/-0.959 χ^2/NDF : 1425321.5/27

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5106.365+/-823.115 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3931.876+/-784.534 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

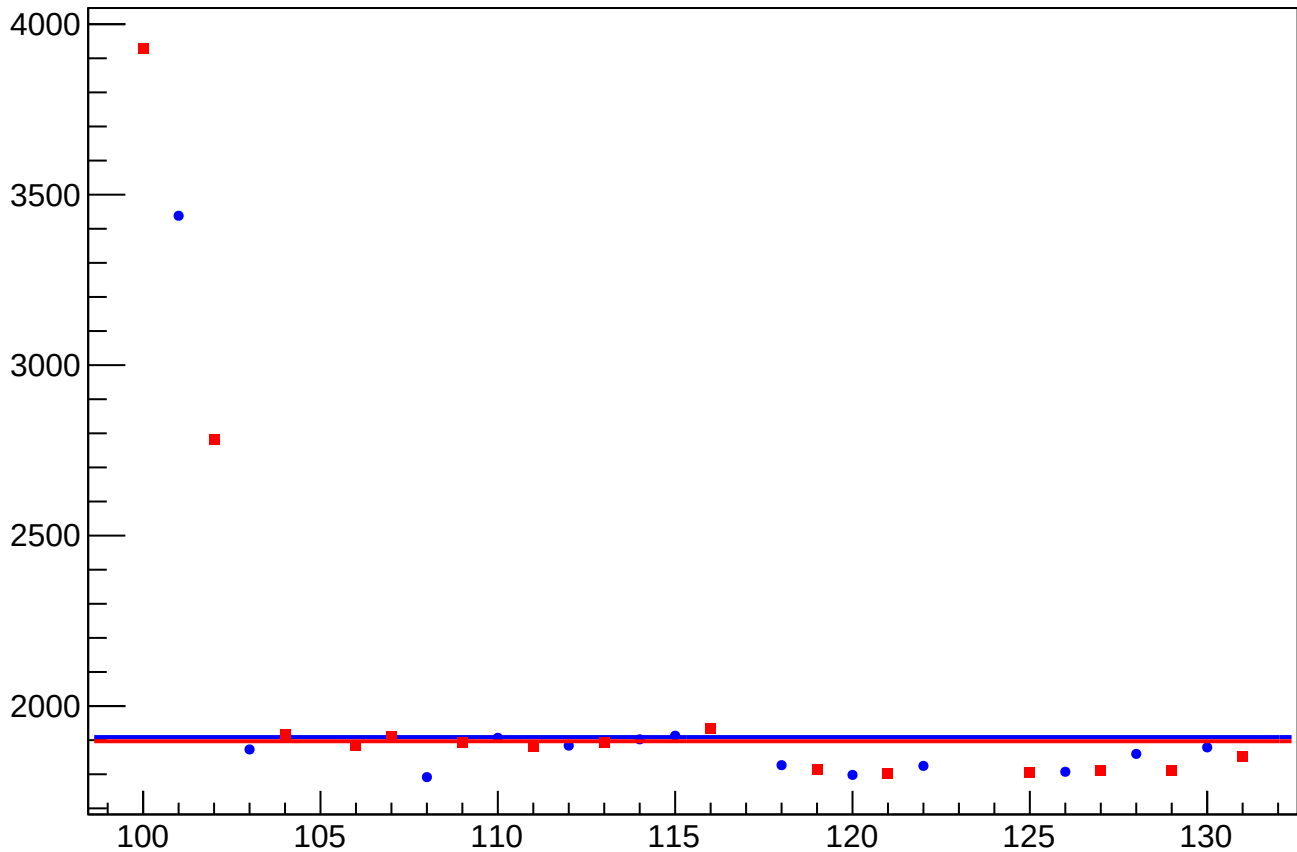
Right: 4490.952+/-567.899 χ^2/NDF : 15.8/27

In: 5106.365+/-823.115 χ^2/NDF : 6.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4490.952+/-567.899 χ^2/NDF : 15.8/27

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1909.072+/-0.582 χ^2/NDF : 272686.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.876+/-0.554 χ^2/NDF : 146642.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

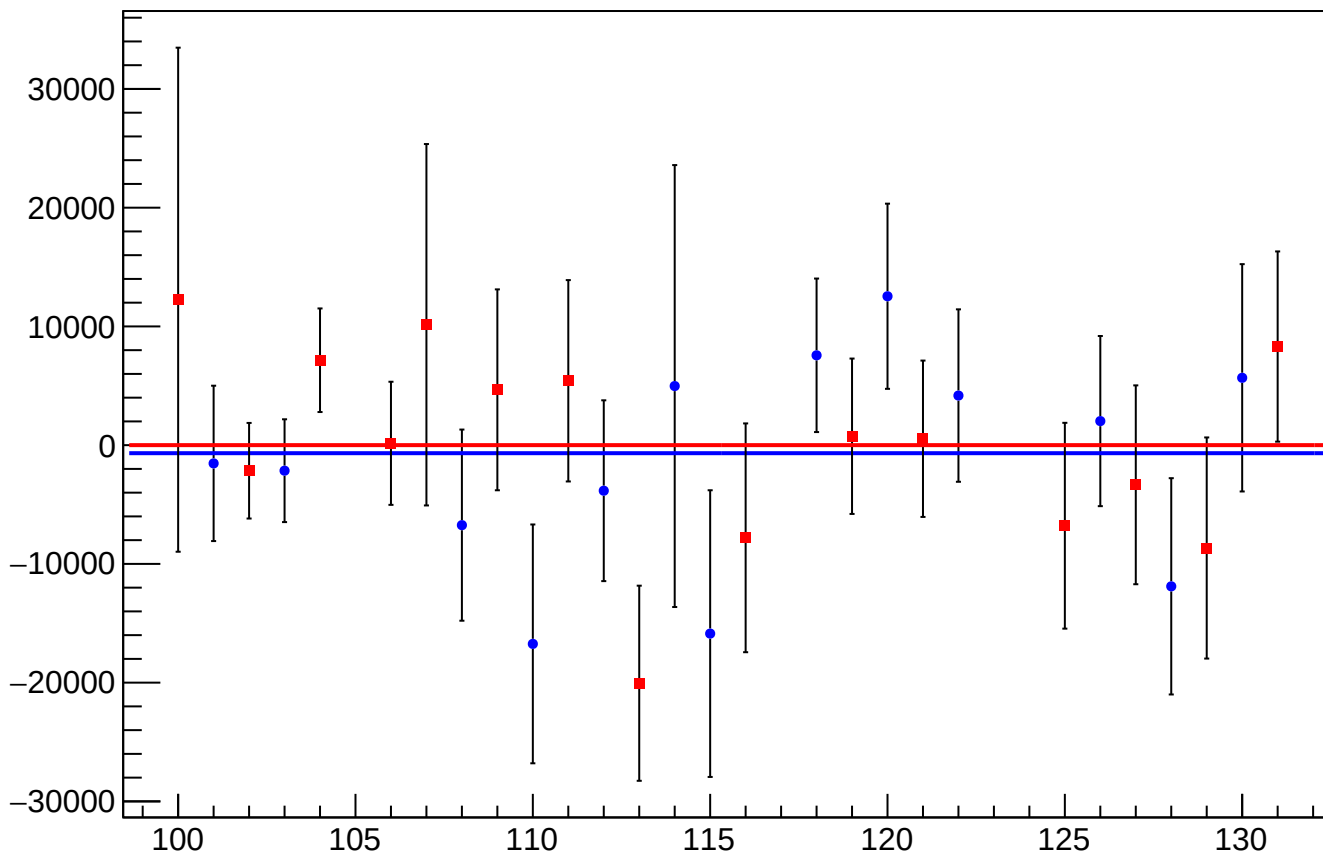
Right: 1902.674+/-0.401 χ^2/NDF : 419559.0/27

In: 1909.072+/-0.582 χ^2/NDF : 272686.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.674+/-0.401 χ^2/NDF : 419559.0/27

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -676.164+/-2081.379 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.556+/-1788.557 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

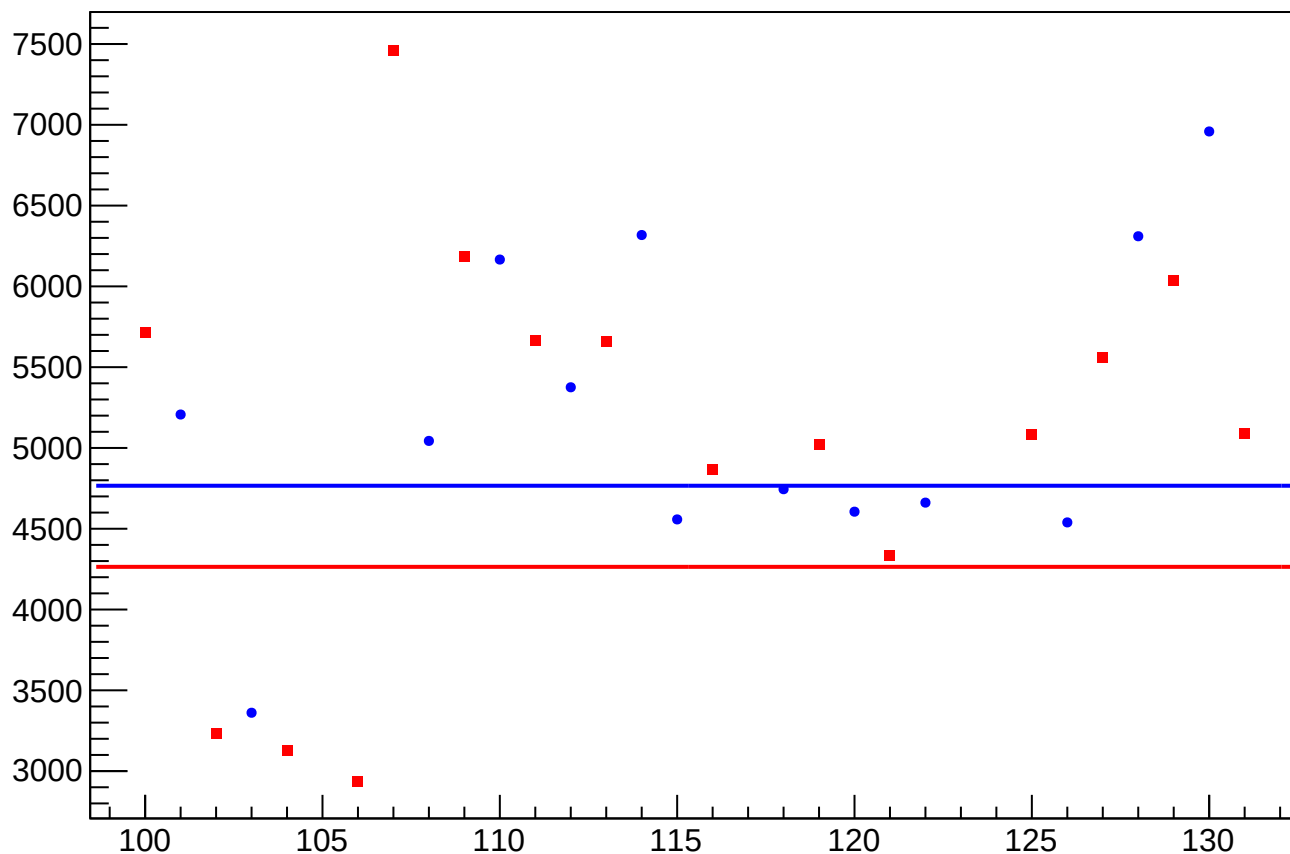
Right: -285.740+/-1356.518 χ^2/NDF : 26.0/27

In: -676.164+/-2081.379 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.740+/-1356.518 χ^2/NDF : 26.0/27

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4766.143+/-1.472 χ^2/NDF : 453890.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4264.178+/-1.265 χ^2/NDF : 904512.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

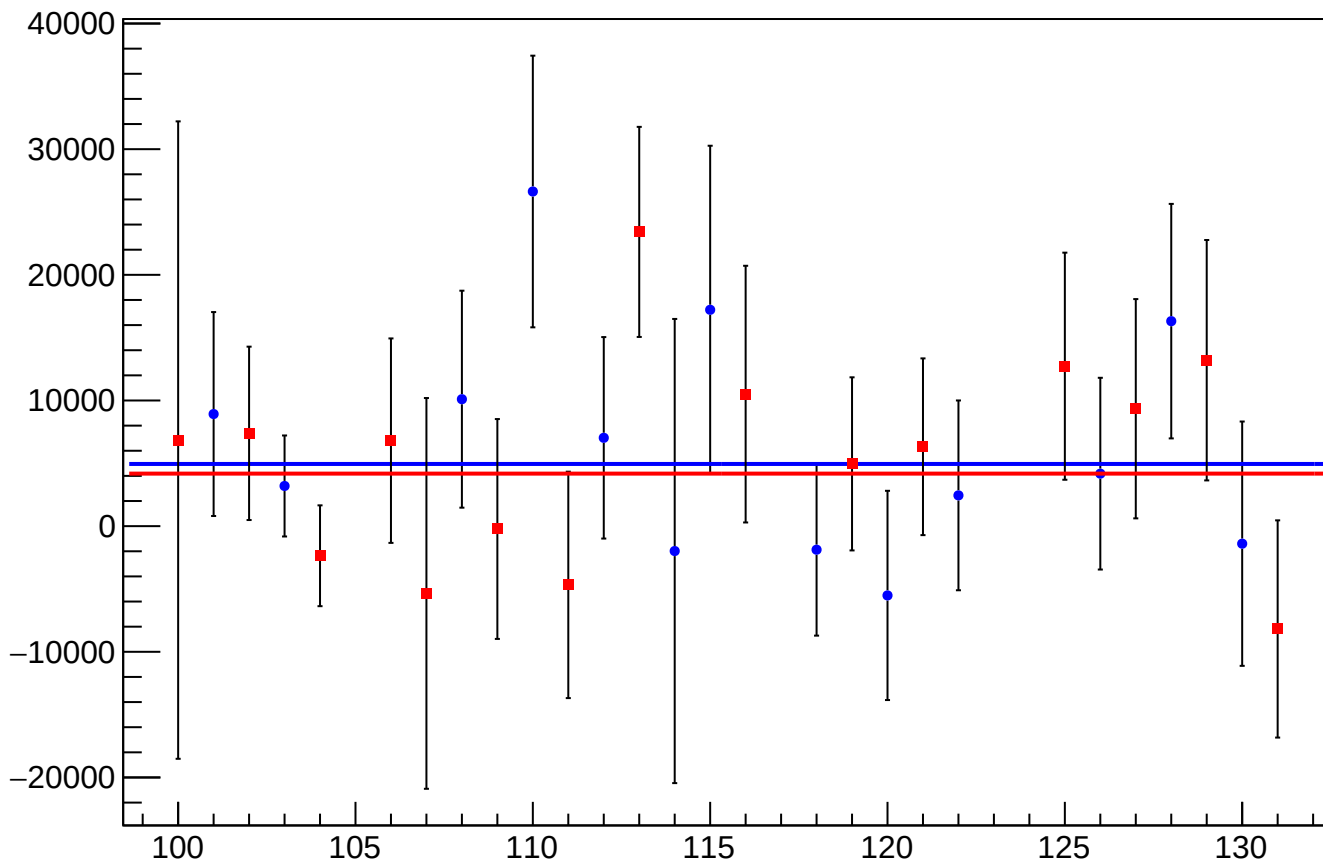
Right: 4477.395+/-0.959 χ^2/NDF : 1425317.3/27

In: 4766.143+/-1.472 χ^2/NDF : 453890.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4477.395+/-0.959 χ^2/NDF : 1425317.3/27

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4949.059+/-2151.556 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4180.746+/-2023.574 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

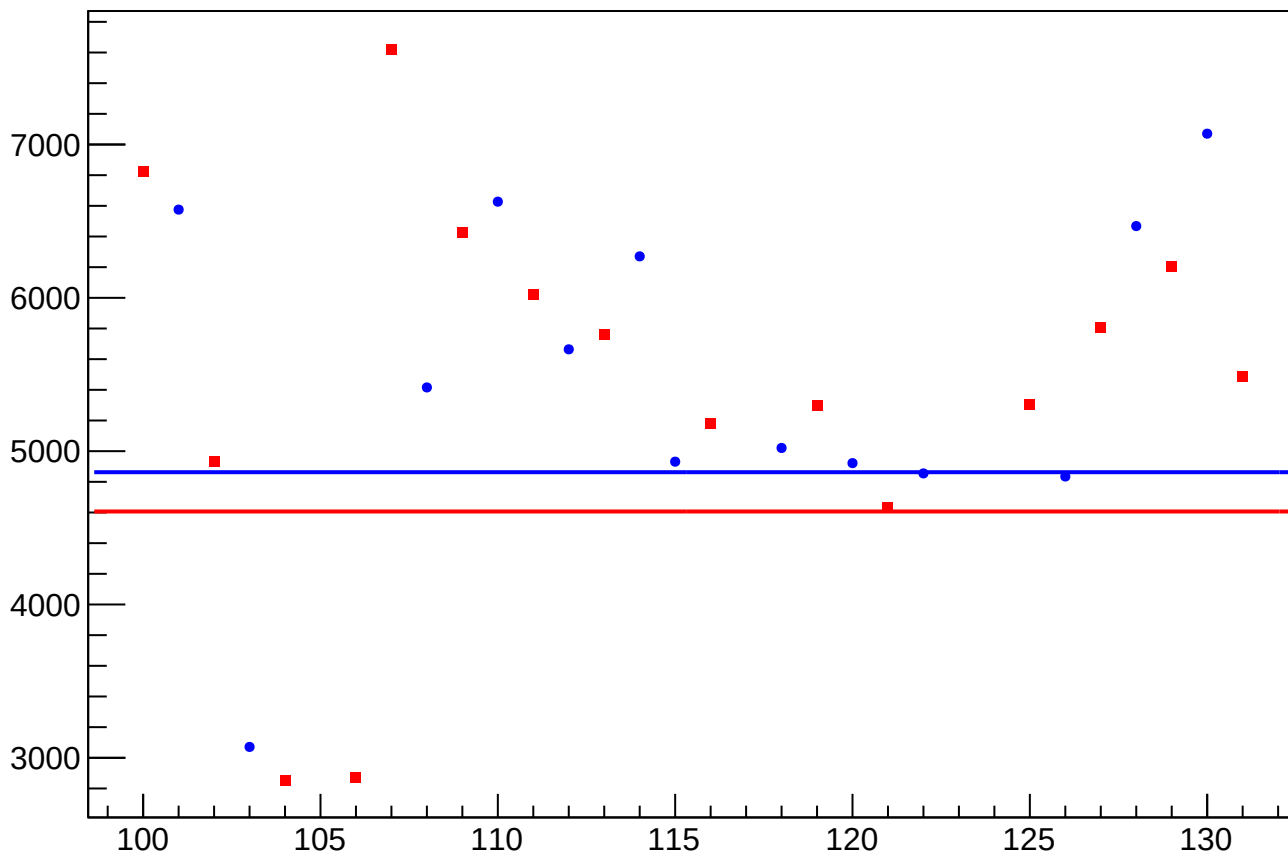
Right: 4541.373+/-1474.052 χ^2/NDF : 25.1/27

In: 4949.059+/-2151.556 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4541.373+/-1474.052 χ^2/NDF : 25.1/27

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4862.777+/-1.521 χ^2/NDF : 743326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4606.568+/-1.399 χ^2/NDF : 962366.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

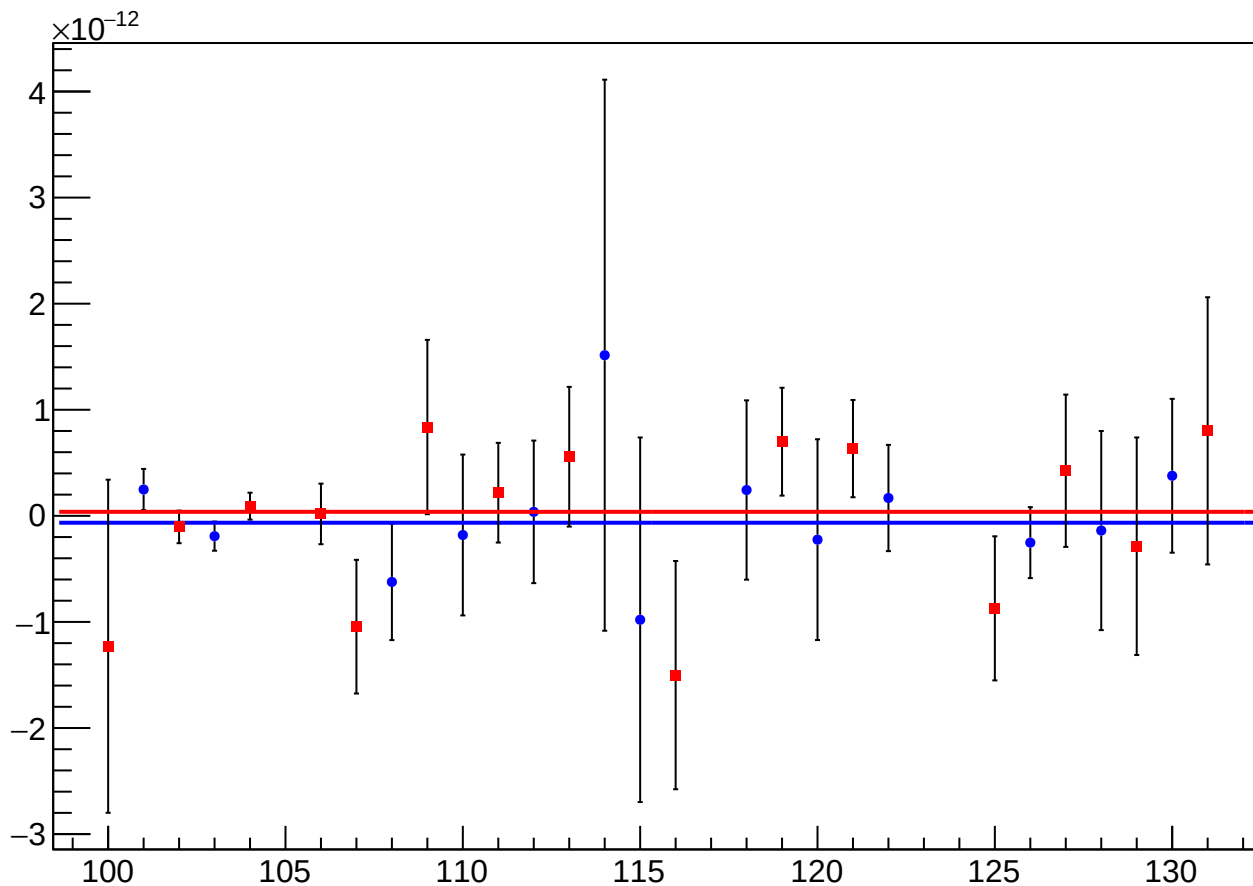
Right: 4723.957+/-1.030 χ^2/NDF : 1721060.1/27

In: 4862.777+/-1.521 χ^2/NDF : 743326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4723.957+/-1.030 χ^2/NDF : 1721060.1/27

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

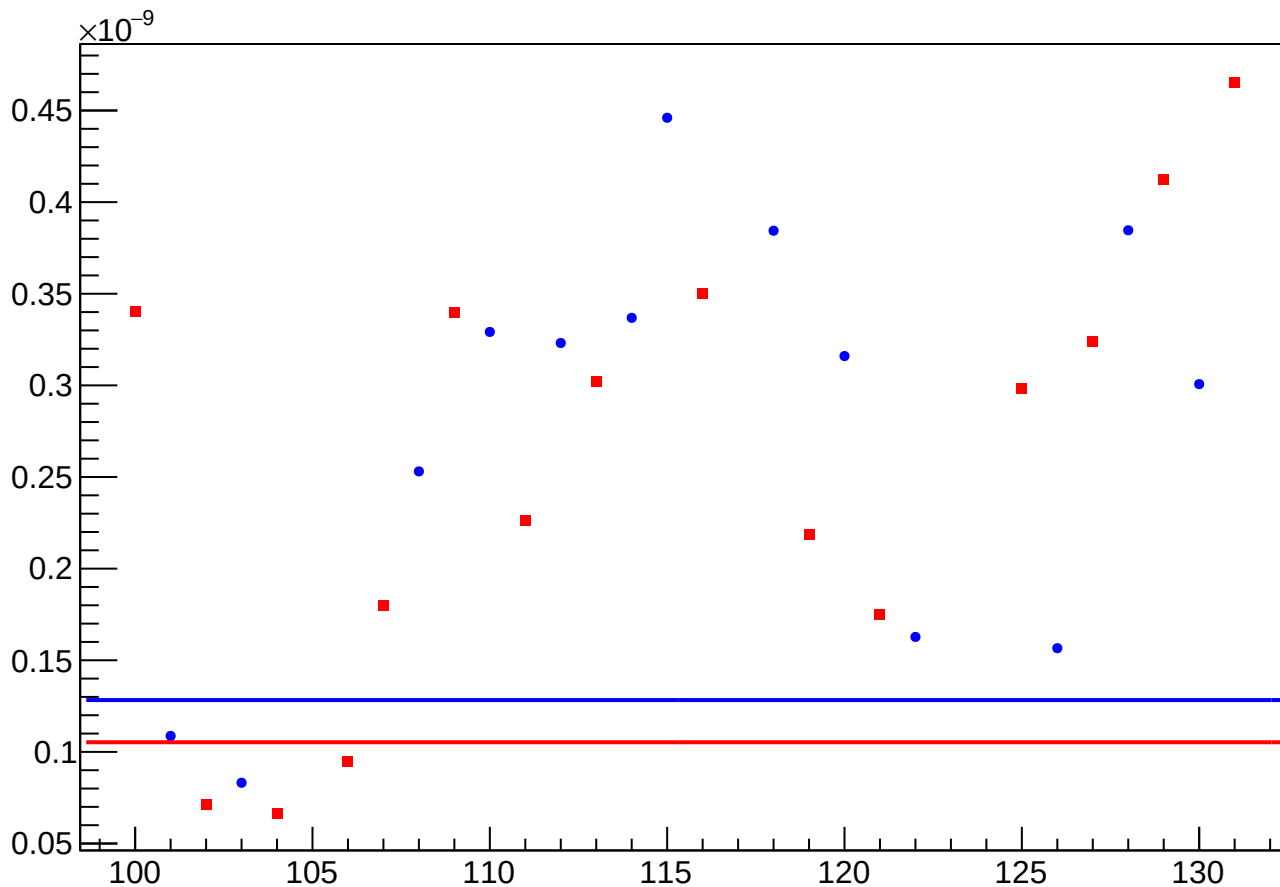
Right: -0.000+/-0.000 χ^2/NDF : 21.3/27

In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/27

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1278173.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1774963.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

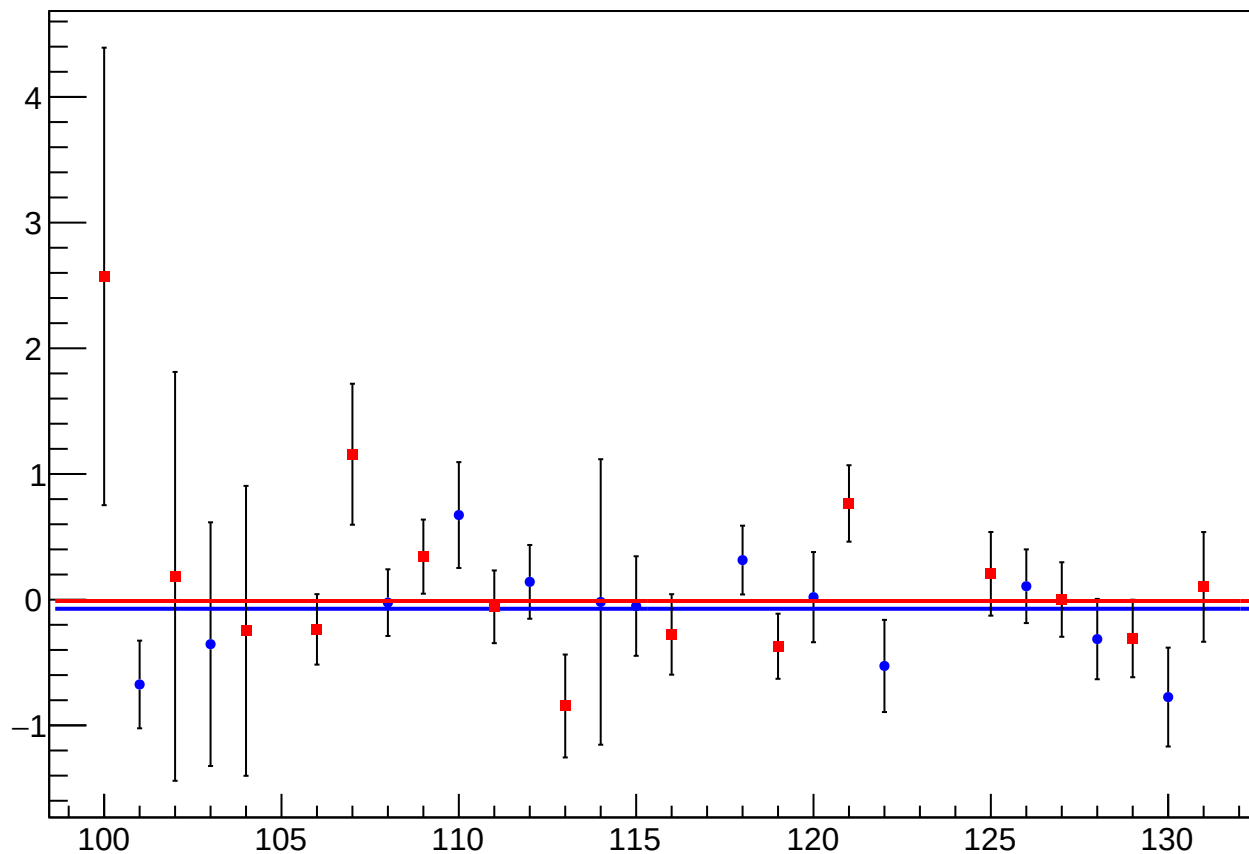
Right: 0.000+/-0.000 χ^2/NDF : 3117665.0/27

In: 0.000+/-0.000 χ^2/NDF : 1278173.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3117665.0/27

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

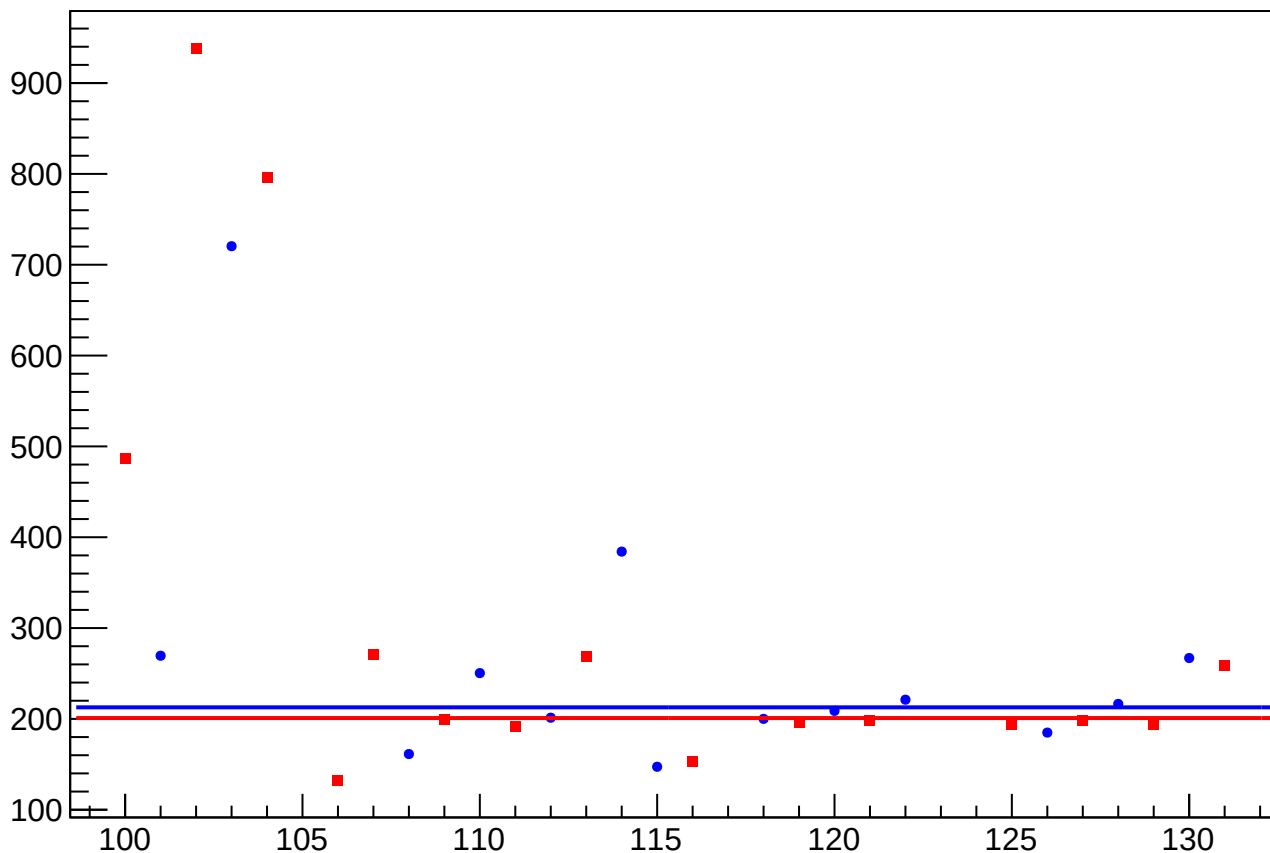
Right: -0.039 ± 0.067 χ^2/NDF : 38.0/27

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.067 χ^2/NDF : 38.0/27

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.726 $\pm$ 0.069 χ^2/NDF : 857834.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 200.928 $\pm$ 0.065 χ^2/NDF : 1284258.1/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

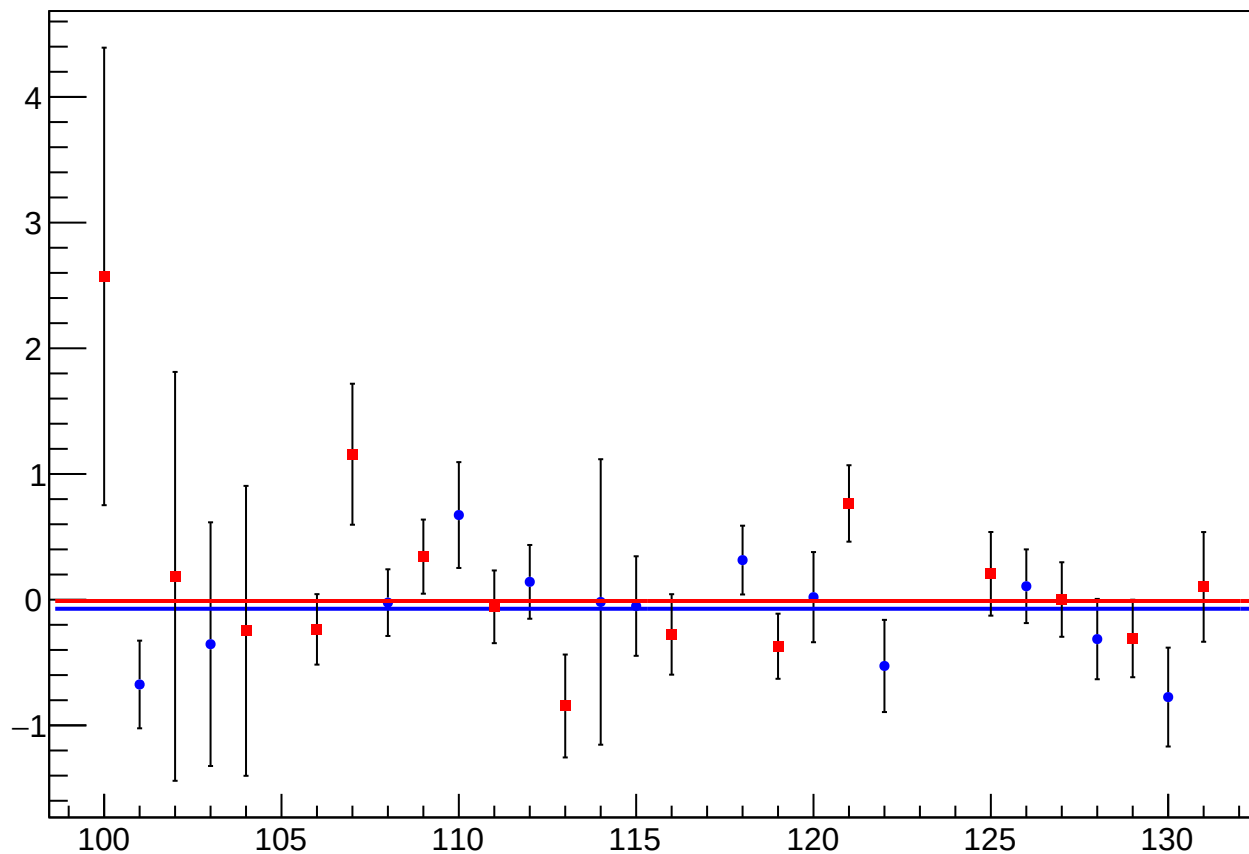
Right: 206.455 $\pm$ 0.047 χ^2/NDF : 2157533.6/27

In: 212.726 $\pm$ 0.069 χ^2/NDF : 857834.0/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 206.455 $\pm$ 0.047 χ^2/NDF : 2157533.6/27

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

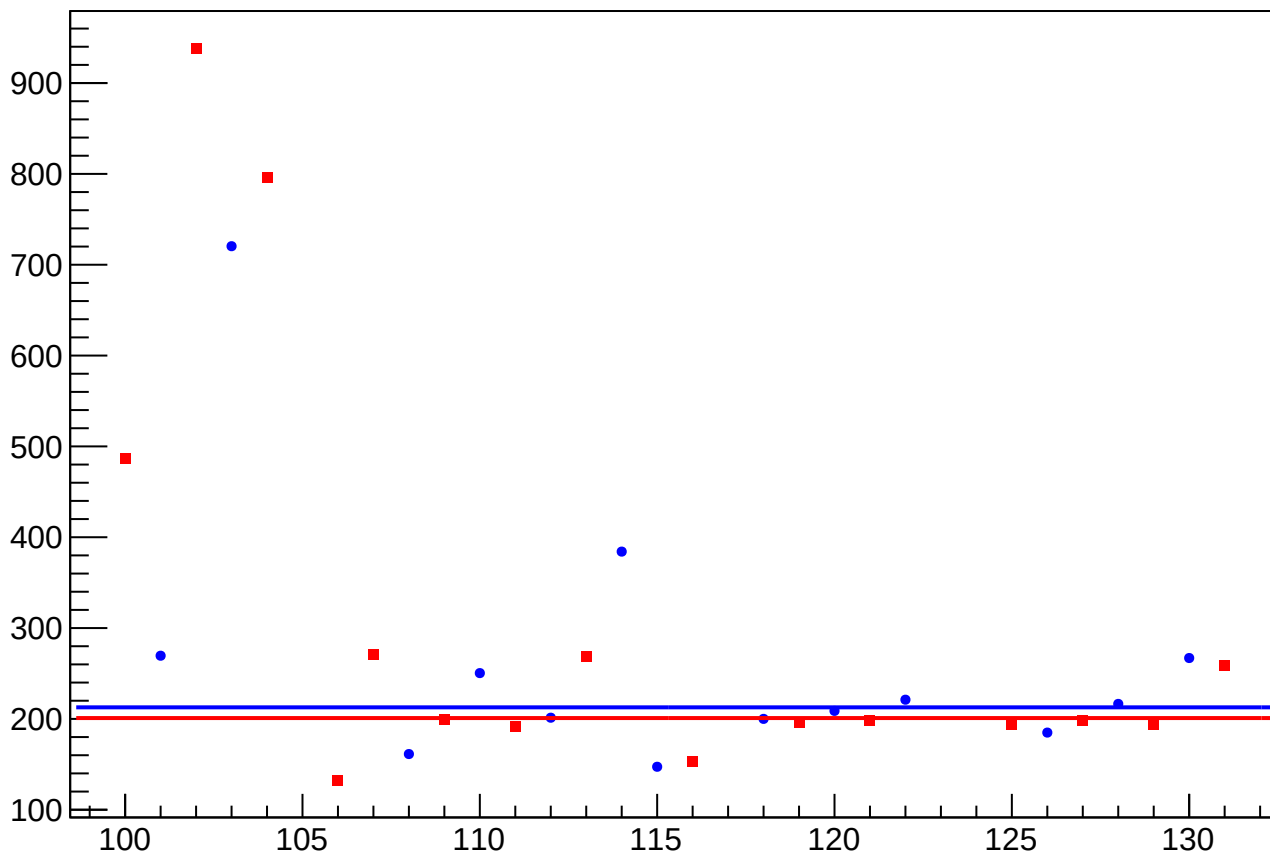
Right: -0.039 ± 0.067 χ^2/NDF : 38.0/27

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.067 χ^2/NDF : 38.0/27

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.928+/-0.065 χ^2/NDF : 1284258.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

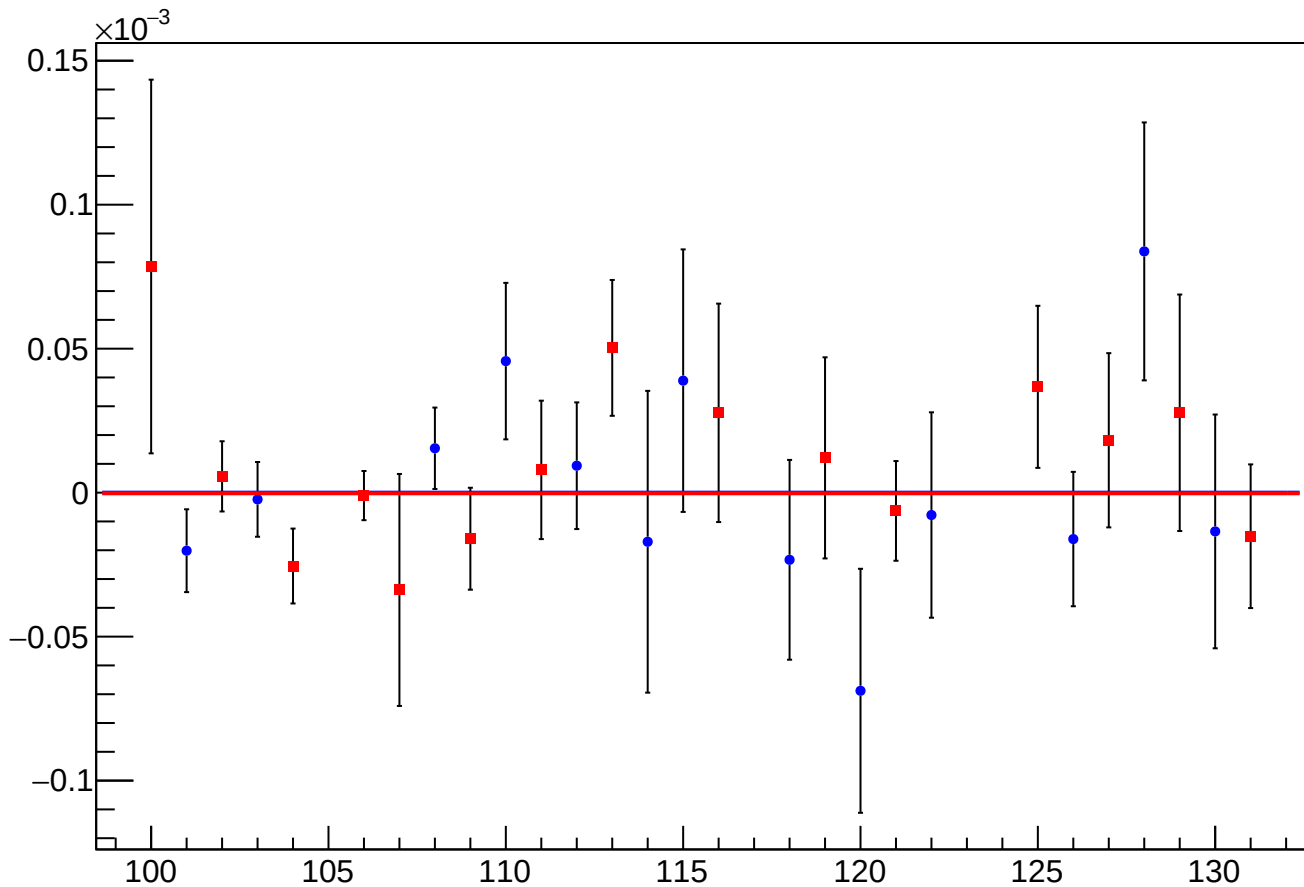
Right: 206.455+/-0.047 χ^2/NDF : 2157533.6/27

In: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.455+/-0.047 χ^2/NDF : 2157533.6/27

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 : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

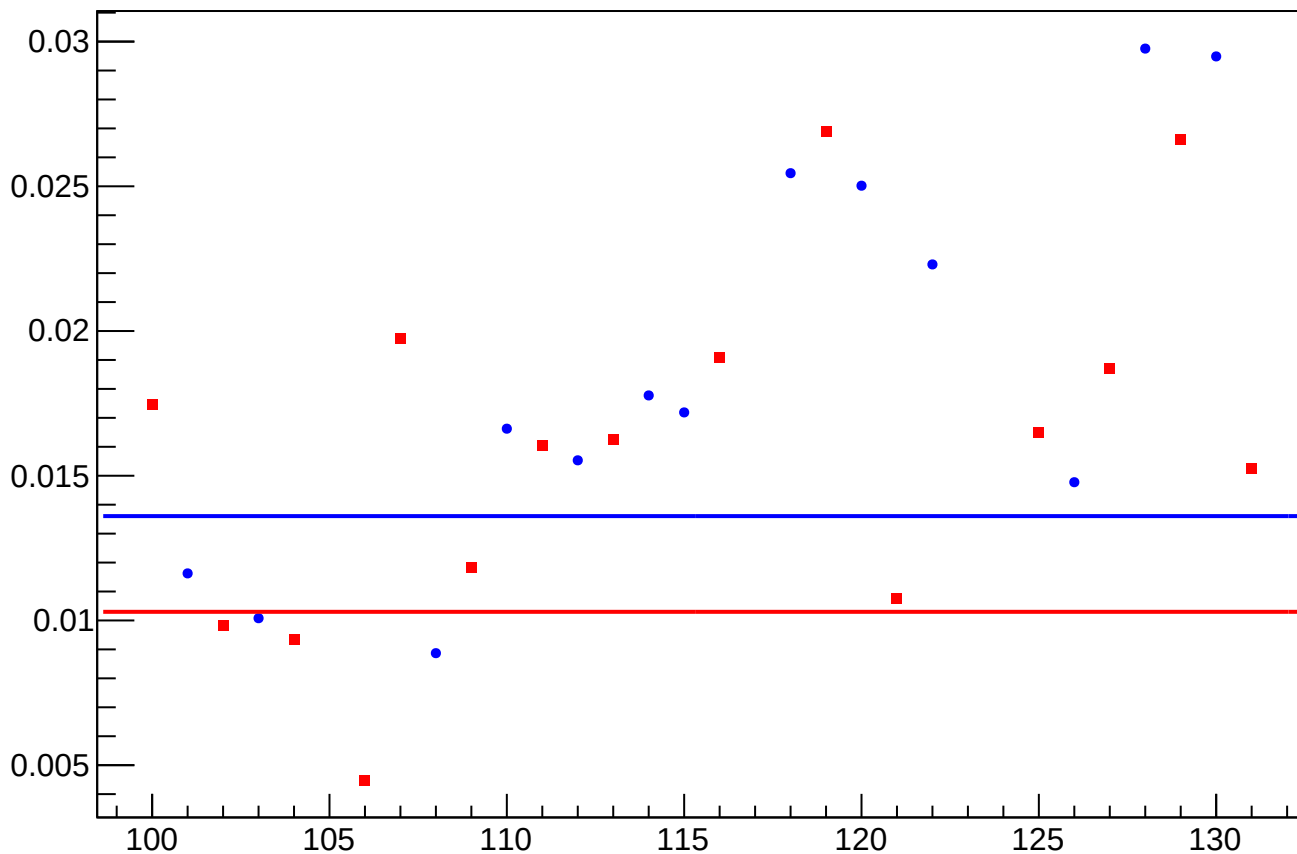
Right: -0.000+/-0.000 χ^2/NDF : 29.6/27

In: -0.000+/-0.000 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.6/27

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1543897.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2546493.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

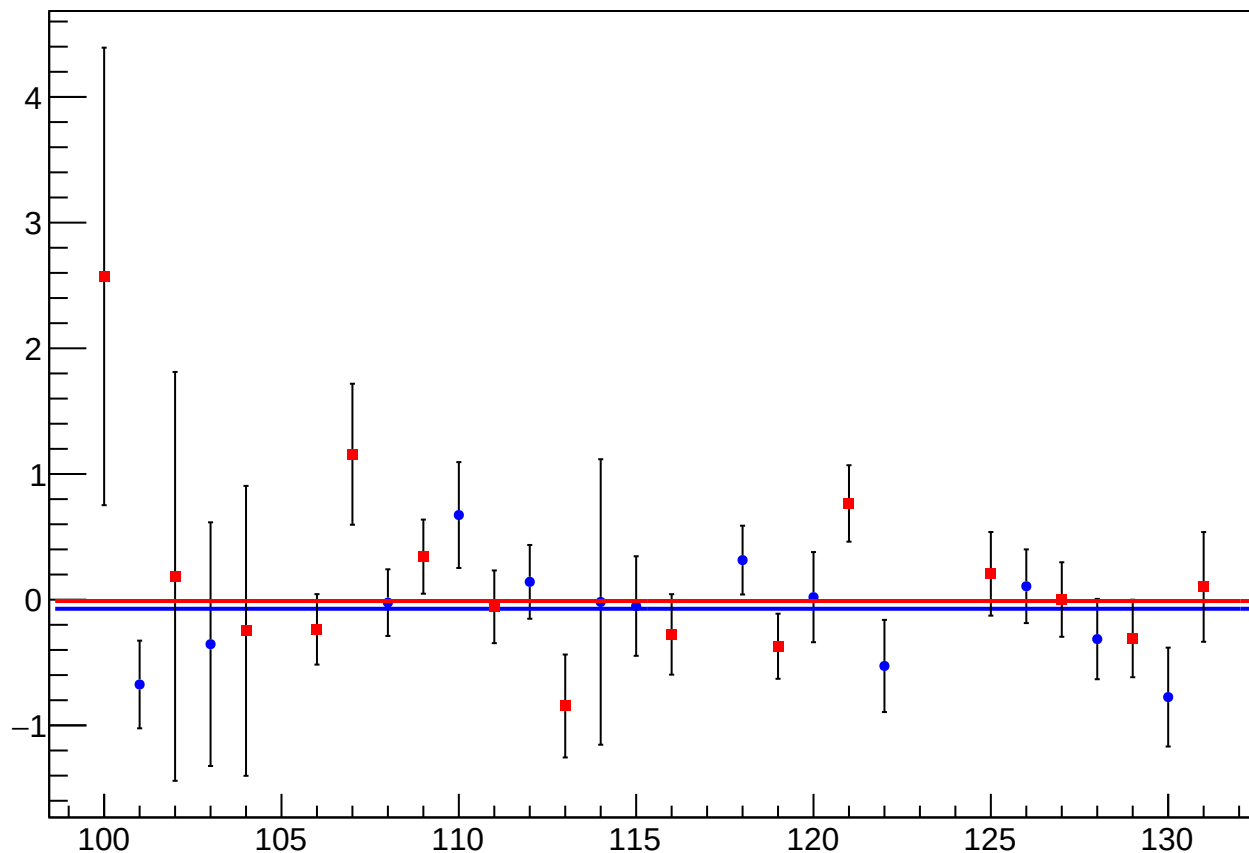
Right: 0.012+/-0.000 χ^2/NDF : 4438547.1/27

In: 0.014+/-0.000 χ^2/NDF :1543897.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 4438547.1/27

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

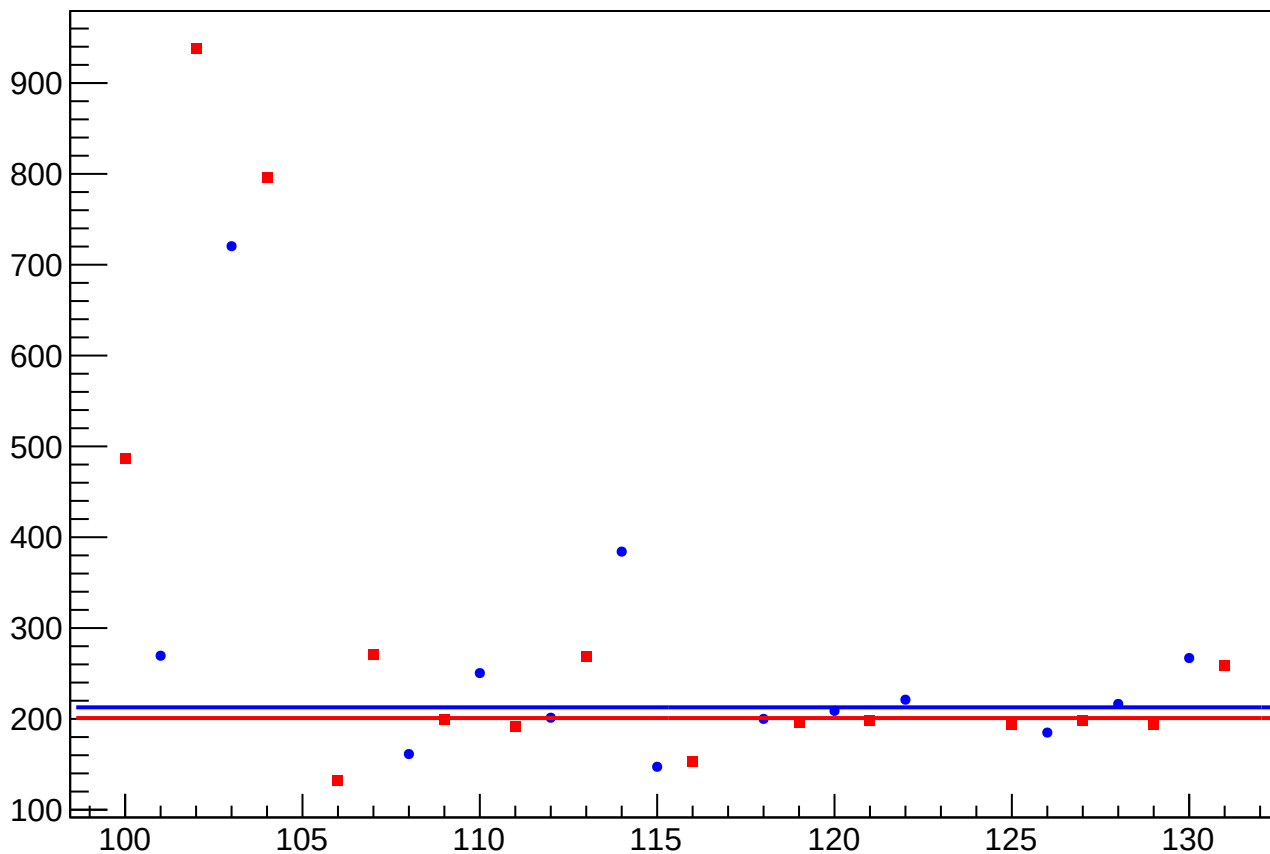
Right: -0.039 ± 0.067 χ^2/NDF : 38.0/27

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.067 χ^2/NDF : 38.0/27

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.724+/-0.069 χ^2/NDF : 857802.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.926+/-0.065 χ^2/NDF : 1284243.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

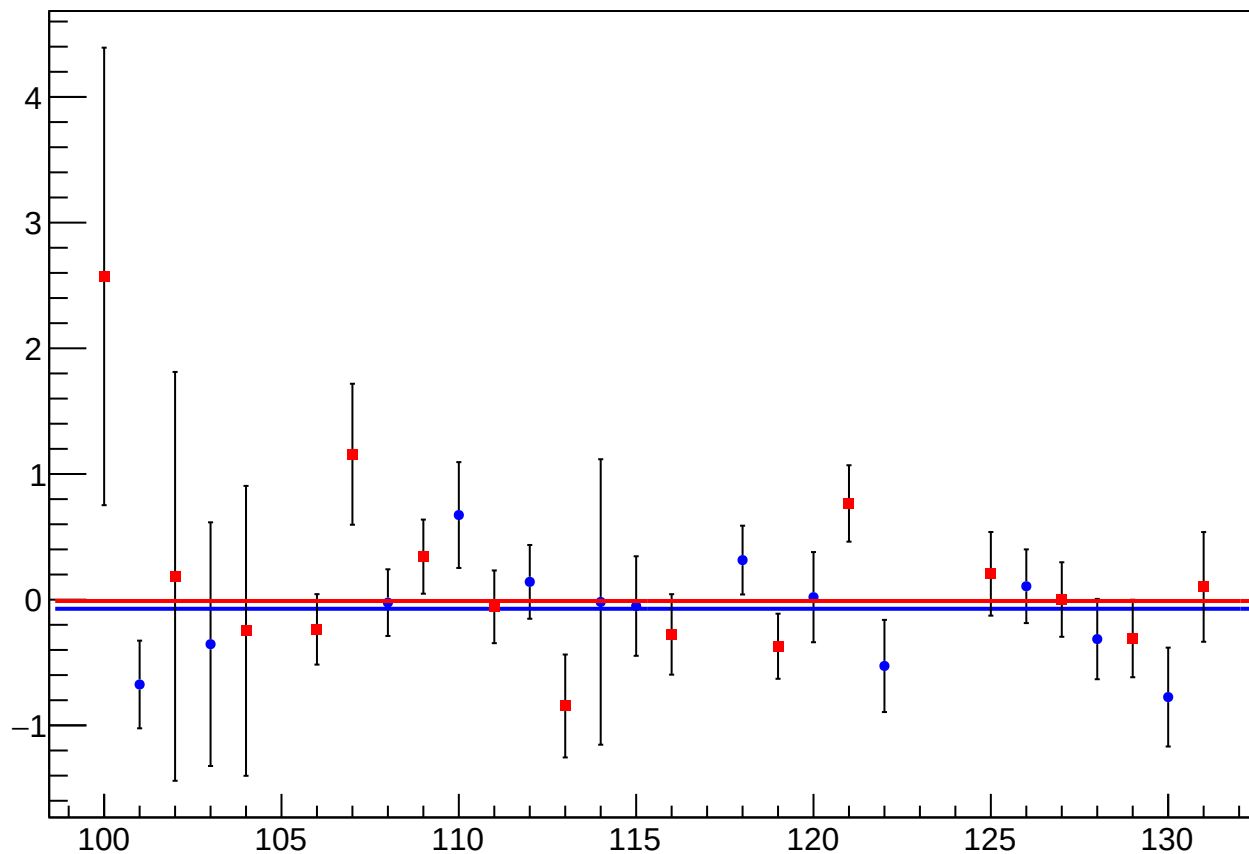
Right: 206.452+/-0.047 χ^2/NDF : 2157489.3/27

In: 212.724+/-0.069 χ^2/NDF : 857802.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.452+/-0.047 χ^2/NDF : 2157489.3/27

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

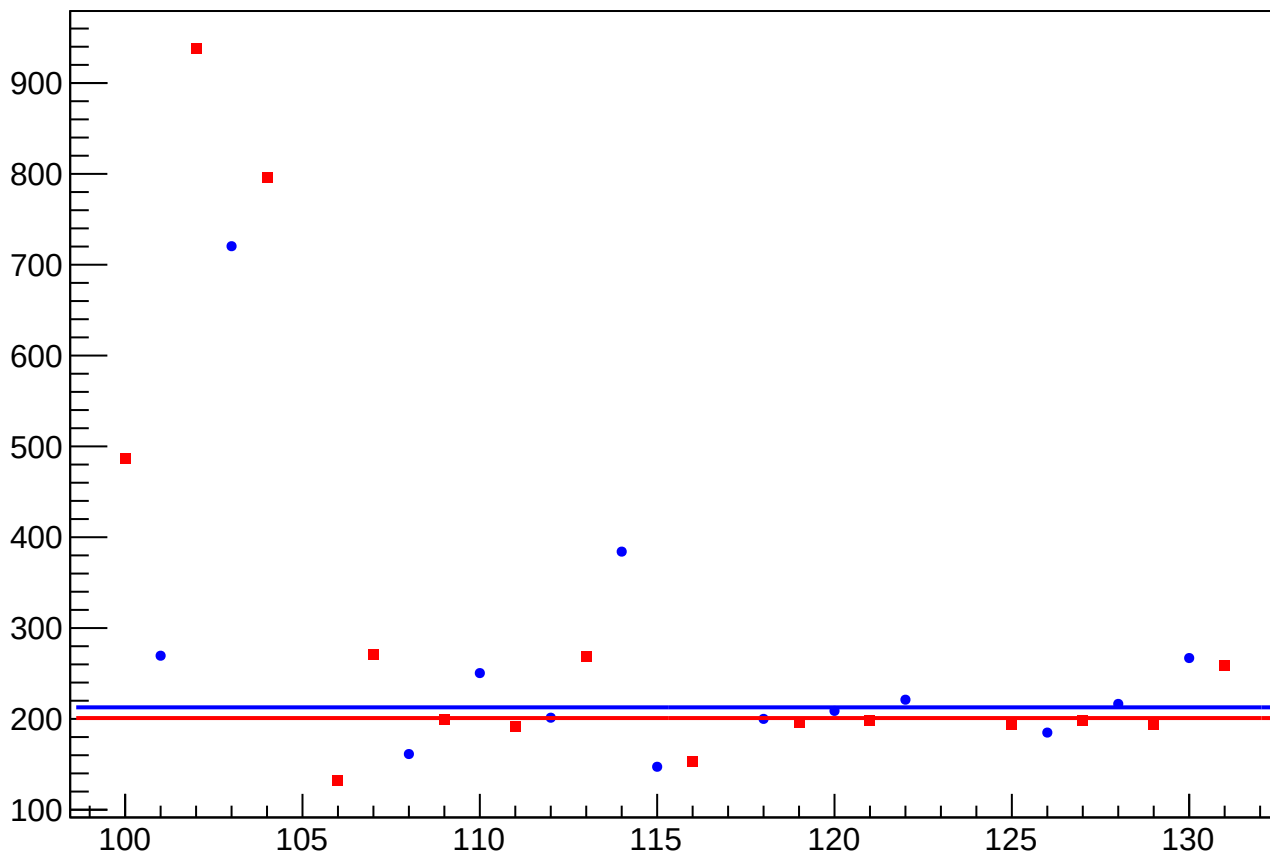
Right: -0.039 ± 0.067 χ^2/NDF : 38.0/27

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.067 χ^2/NDF : 38.0/27

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.724 $\pm$ 0.069 χ^2 /NDF: 857802.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 200.926 $\pm$ 0.065 χ^2 /NDF: 1284243.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

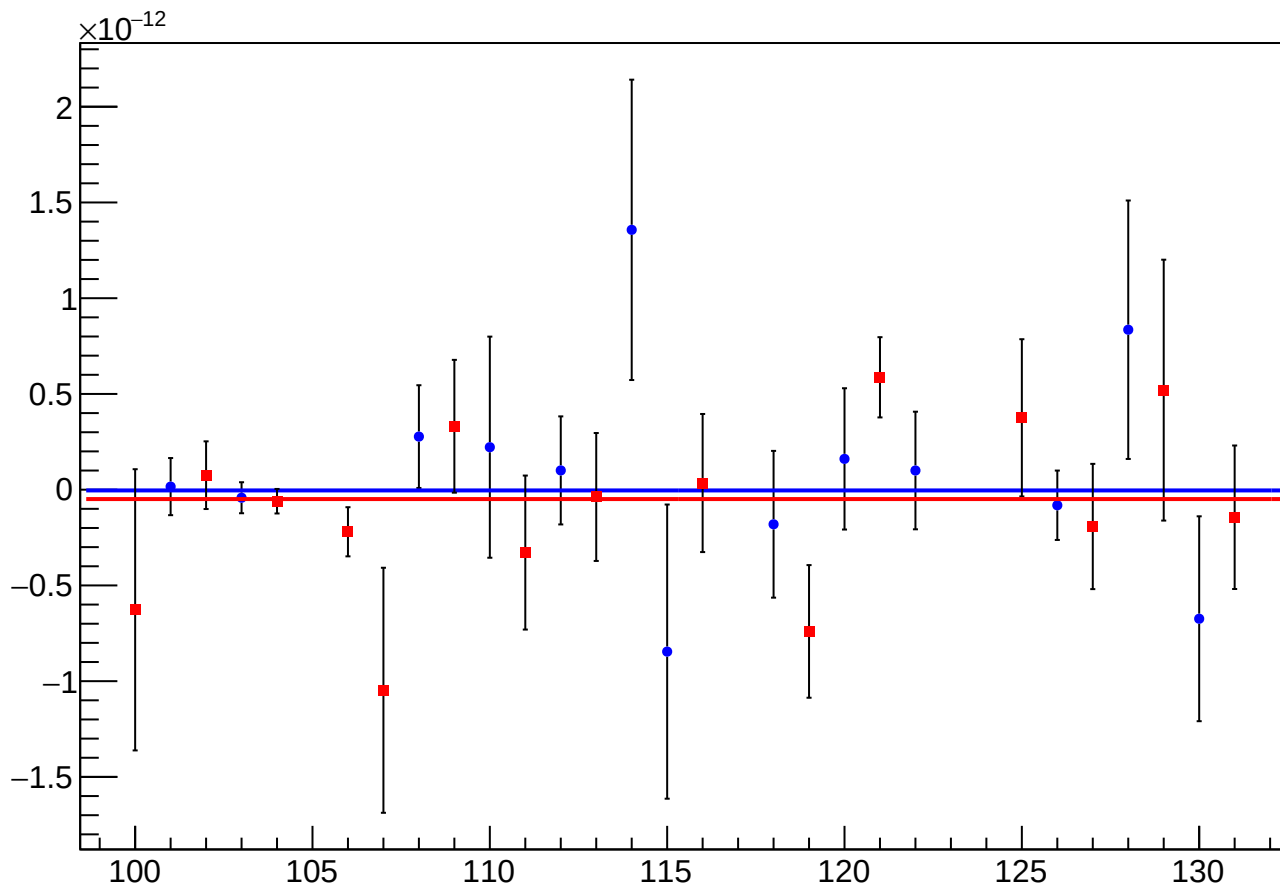
Right: 206.452 $\pm$ 0.047 χ^2 /NDF: 2157489.3/27

In: 212.724 $\pm$ 0.069 χ^2 /NDF:857802.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 206.452 $\pm$ 0.047 χ^2 /NDF: 2157489.3/27

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

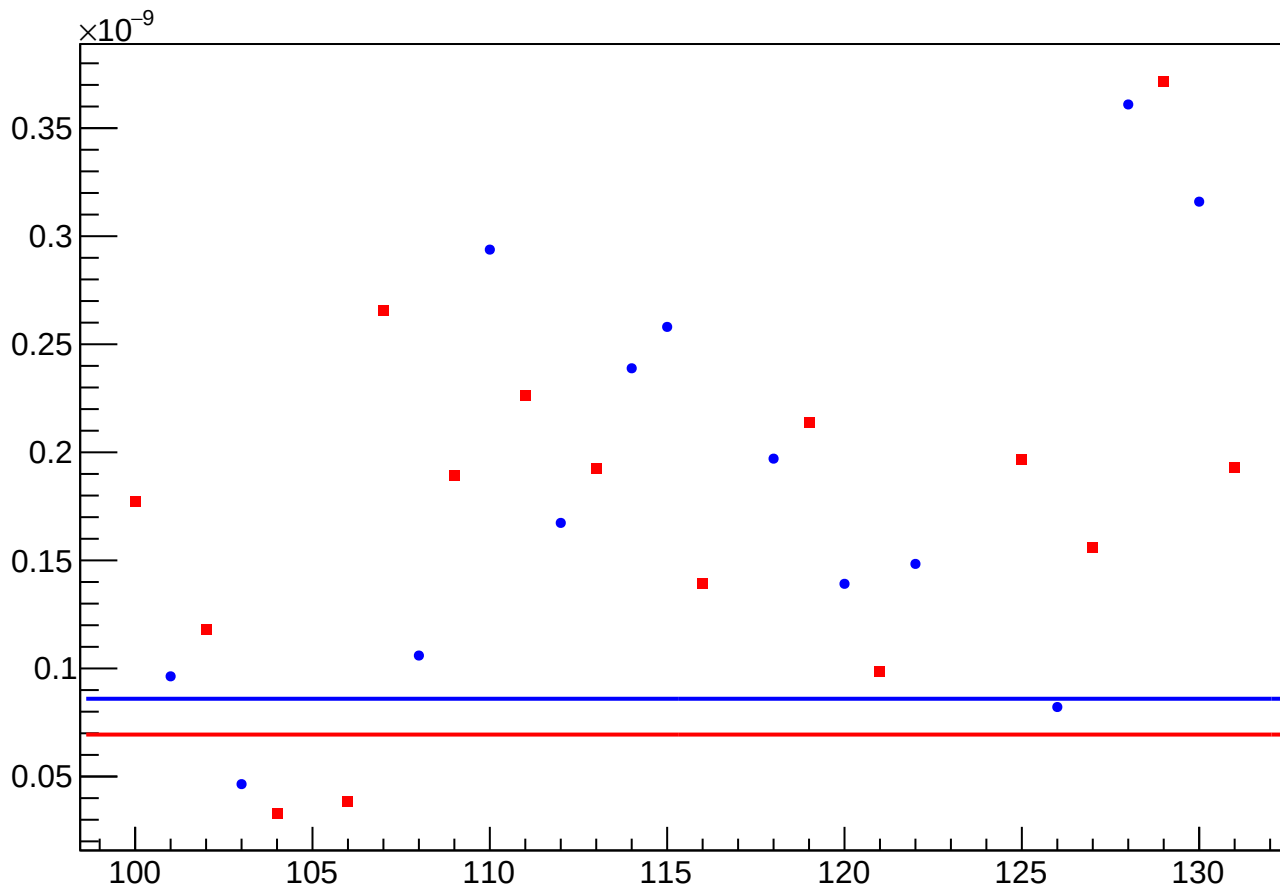
Right: -0.000+/-0.000 χ^2/NDF : 32.3/27

In: -0.000+/-0.000 χ^2/NDF : 9.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.3/27

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 : 2093576.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3376715.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

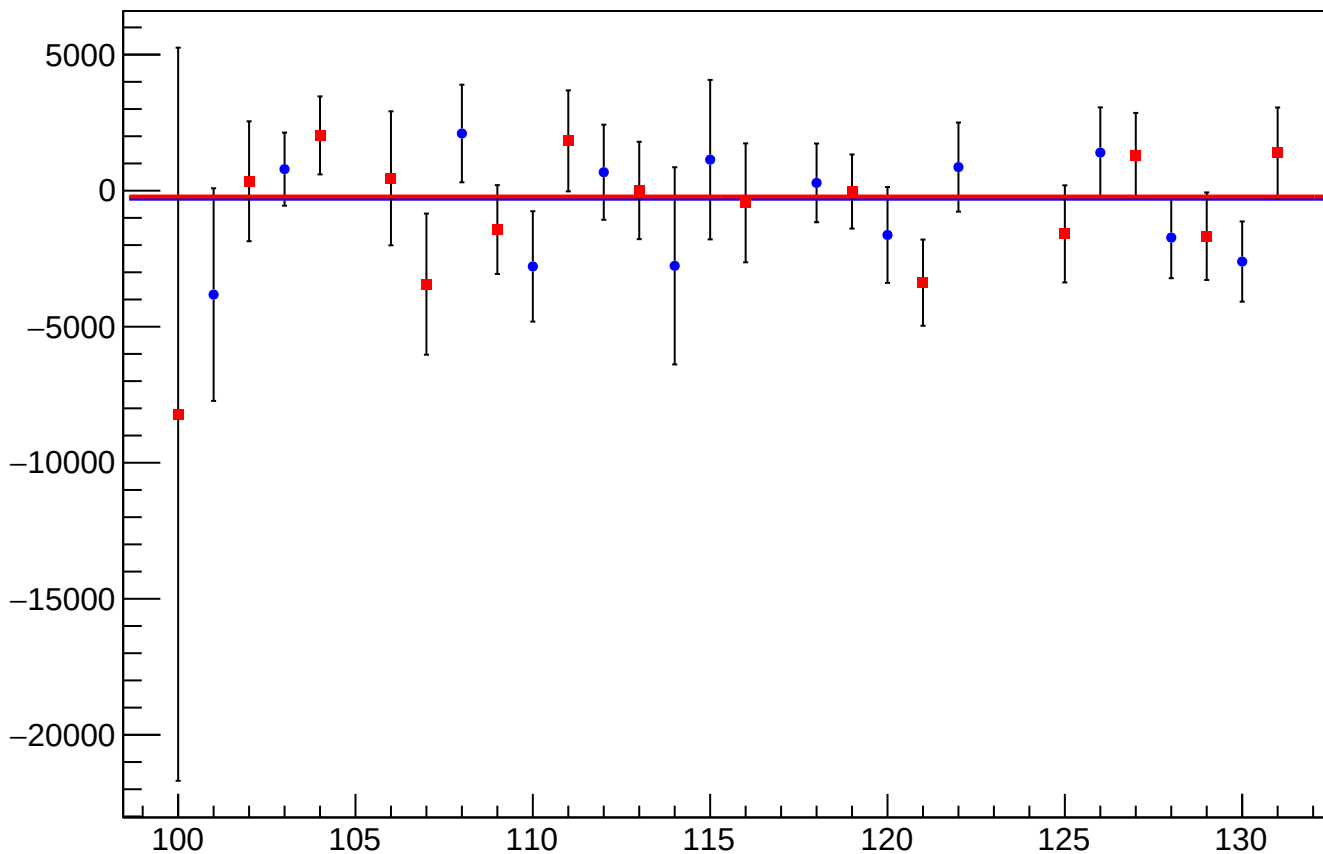
Right: 0.000+/-0.000 χ^2/NDF : 5565444.5/27

In: 0.000+/-0.000 χ^2/NDF : 2093576.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5565444.5/27

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -294.696+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.934+/-465.827 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

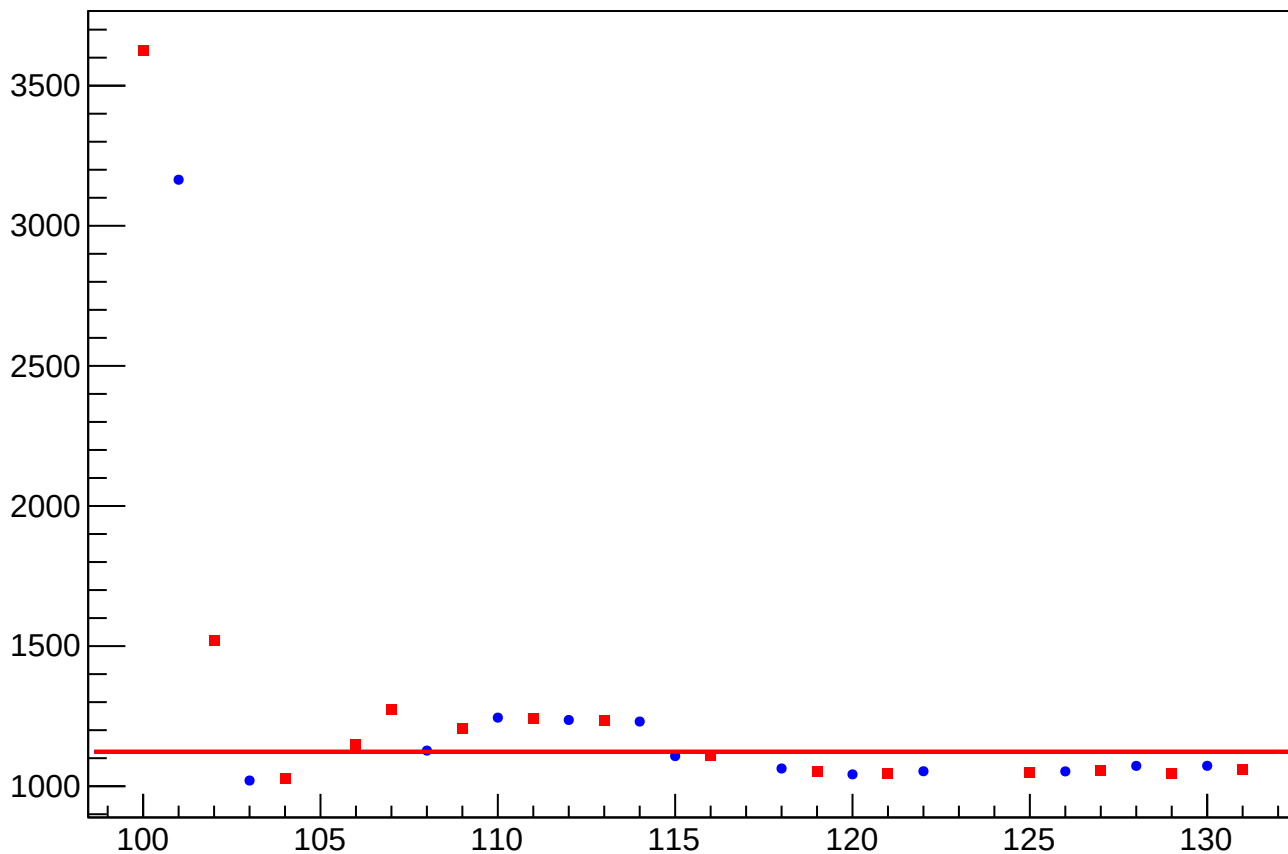
Right: -253.197+/-338.131 χ^2/NDF : 25.0/27

In: -294.696+/-491.592 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.197+/-338.131 χ^2/NDF : 25.0/27

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1122.891+/-0.348 χ^2/NDF : 594414.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.119+/-0.329 χ^2/NDF : 196160.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

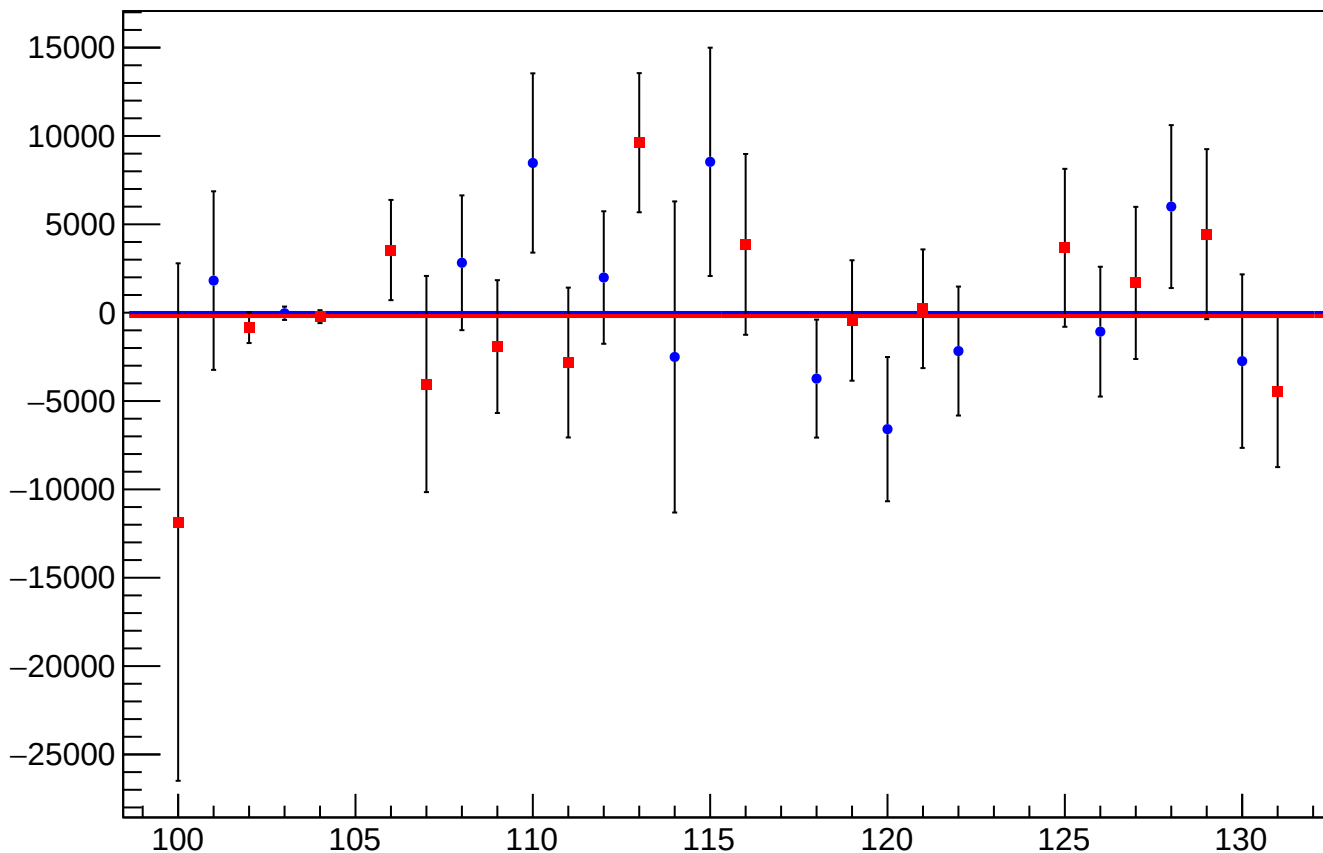
Right: 1123.012+/-0.239 χ^2/NDF : 790575.7/27

In: 1122.891+/-0.348 χ^2/NDF : 594414.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.012+/-0.239 χ^2/NDF : 790575.7/27

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -16.117 $\pm$ 361.425 χ^2 /NDF: 11.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -190.003 $\pm$ 324.108 χ^2 /NDF: 13.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

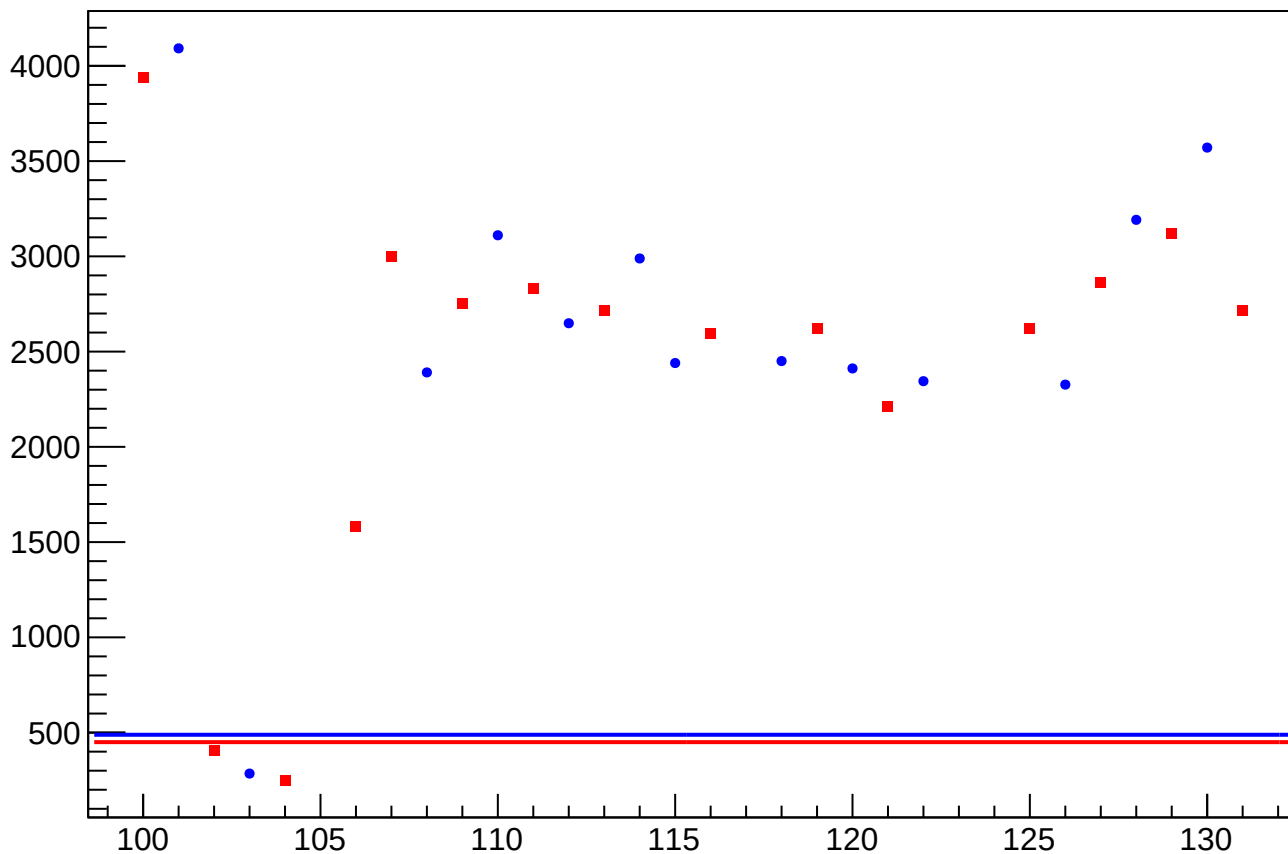
Right: -112.498 $\pm$ 241.297 χ^2 /NDF: 25.6/27

In: -16.117 $\pm$ 361.425 χ^2 /NDF:11.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -112.498 $\pm$ 241.297 χ^2 /NDF: 25.6/27

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 488.597+/-0.256 χ^2/NDF : 7267252.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 449.931+/-0.229 χ^2/NDF : 7427901.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

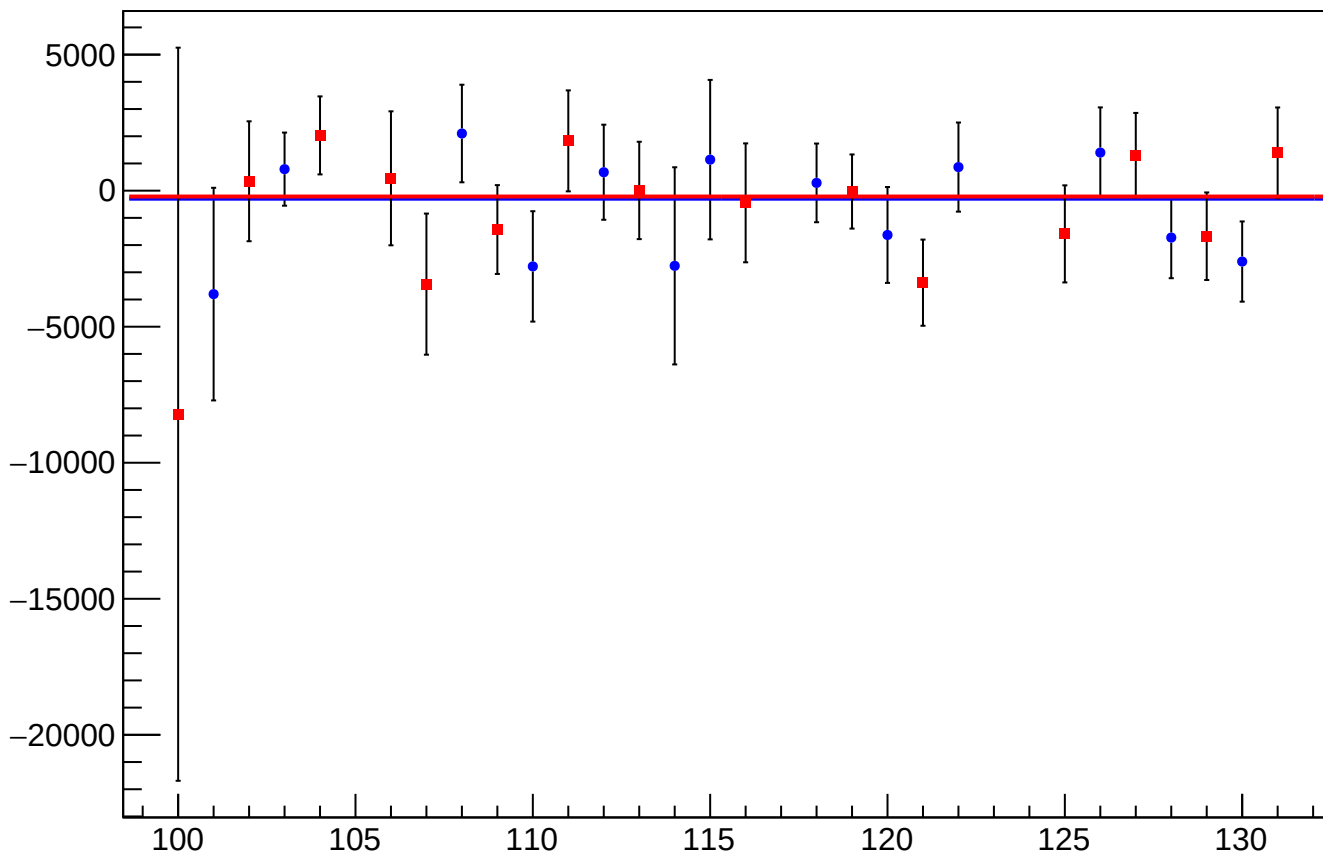
Right: 467.166+/-0.171 χ^2/NDF : 14707842.1/27

In: 488.597+/-0.256 χ^2/NDF :7267252.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 467.166+/-0.171 χ^2/NDF : 14707842.1/27

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.756+/-465.827 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

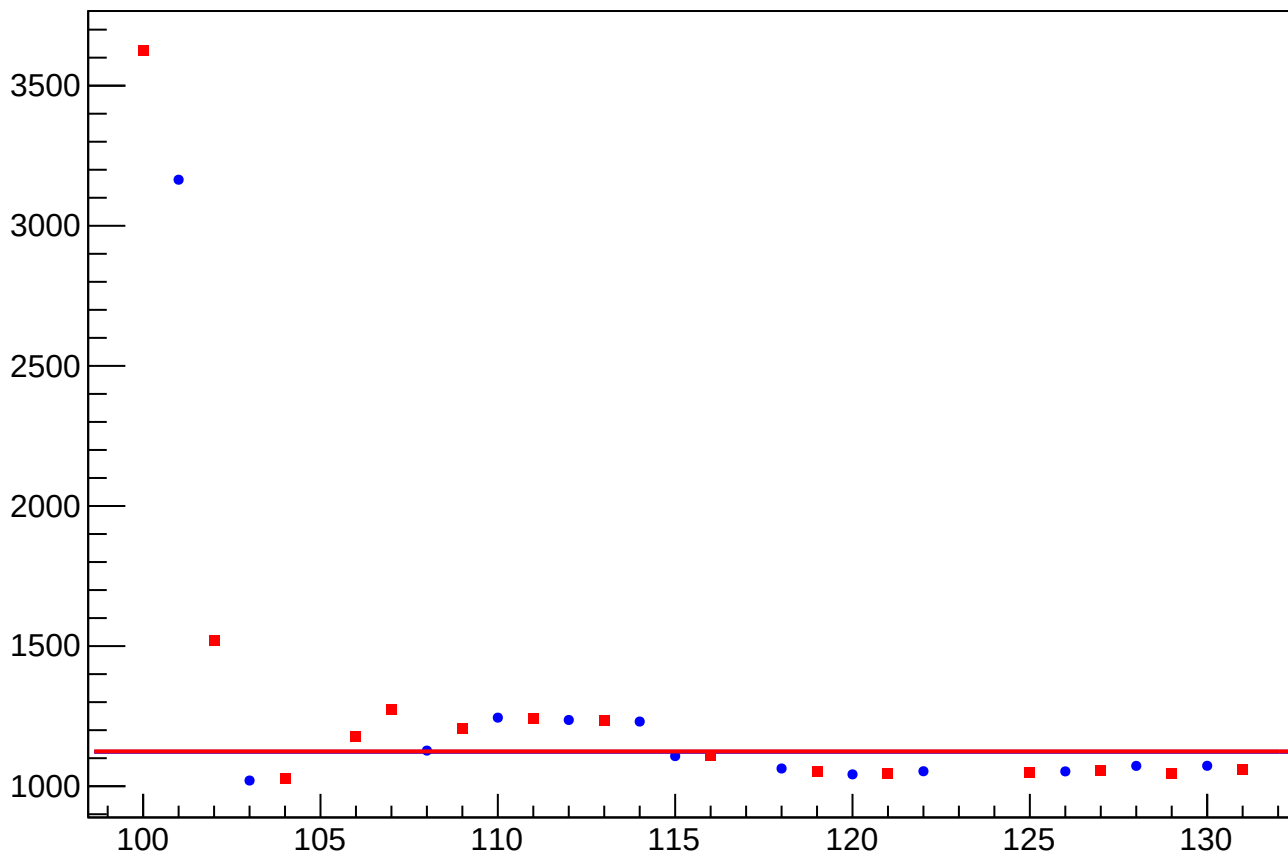
Right: -252.974+/-338.131 χ^2/NDF : 25.0/27

In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.974+/-338.131 χ^2/NDF : 25.0/27

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.199+/-0.329 χ^2/NDF : 196980.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

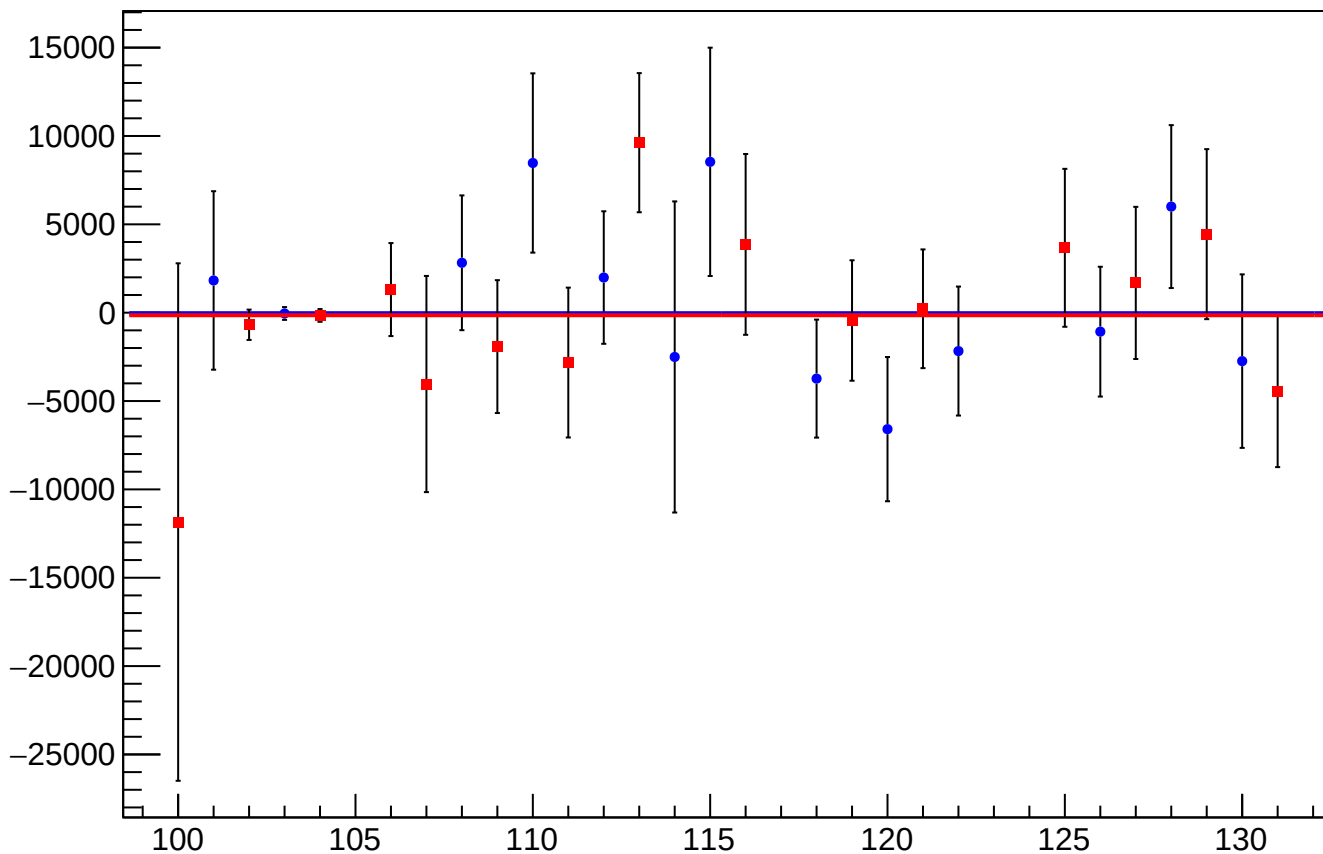
Right: 1123.580+/-0.239 χ^2/NDF : 791404.2/27

In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.580+/-0.239 χ^2/NDF : 791404.2/27

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.103 ± 347.895 $\chi^2/\text{NDF}: 11.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -144.537 ± 318.856 $\chi^2/\text{NDF}: 12.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

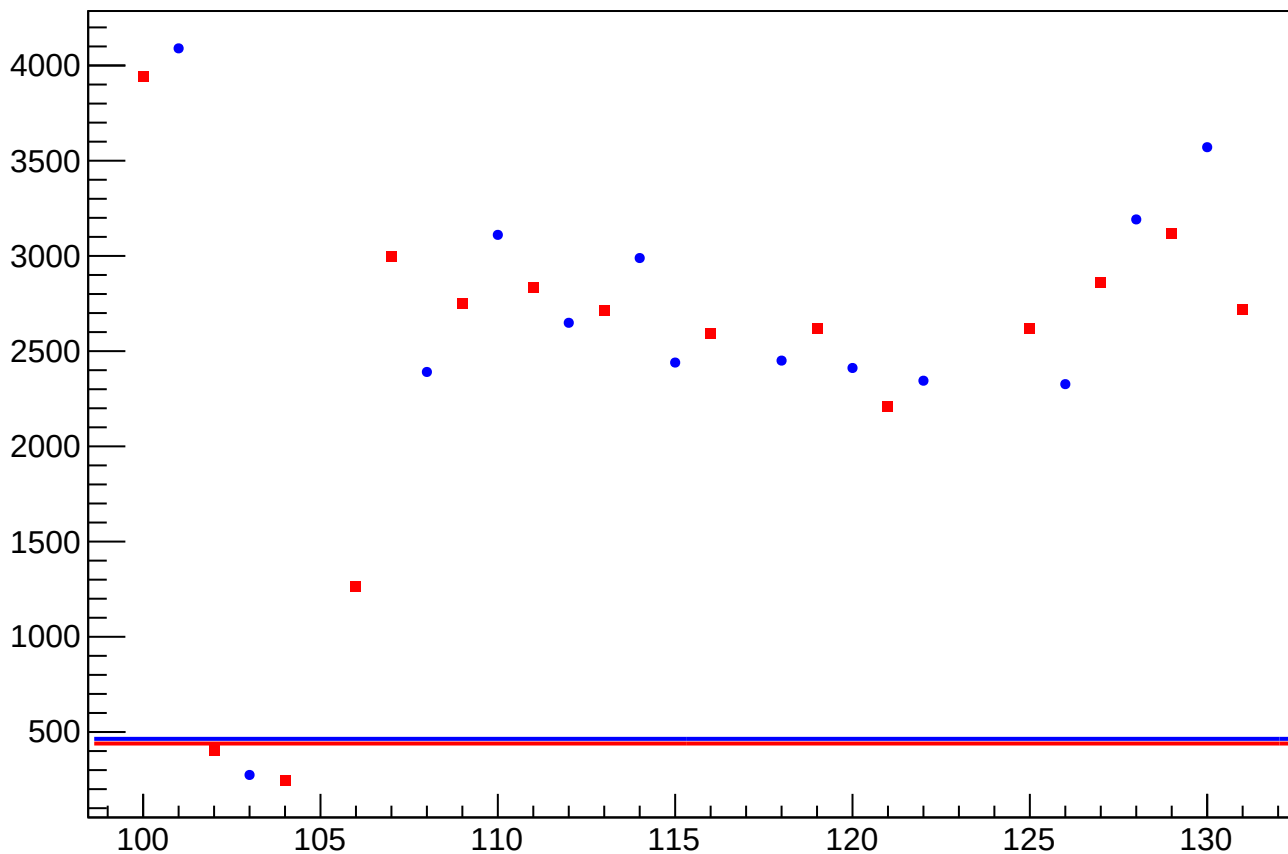
Right: -91.838 ± 235.062 $\chi^2/\text{NDF}: 23.9/27$

In: -29.103 ± 347.895 $\chi^2/\text{NDF}: 11.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -91.838 ± 235.062 $\chi^2/\text{NDF}: 23.9/27$

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 464.102 $\pm$ 0.246 χ^2 /NDF: 7373392.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 439.576 $\pm$ 0.225 χ^2 /NDF: 7339028.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

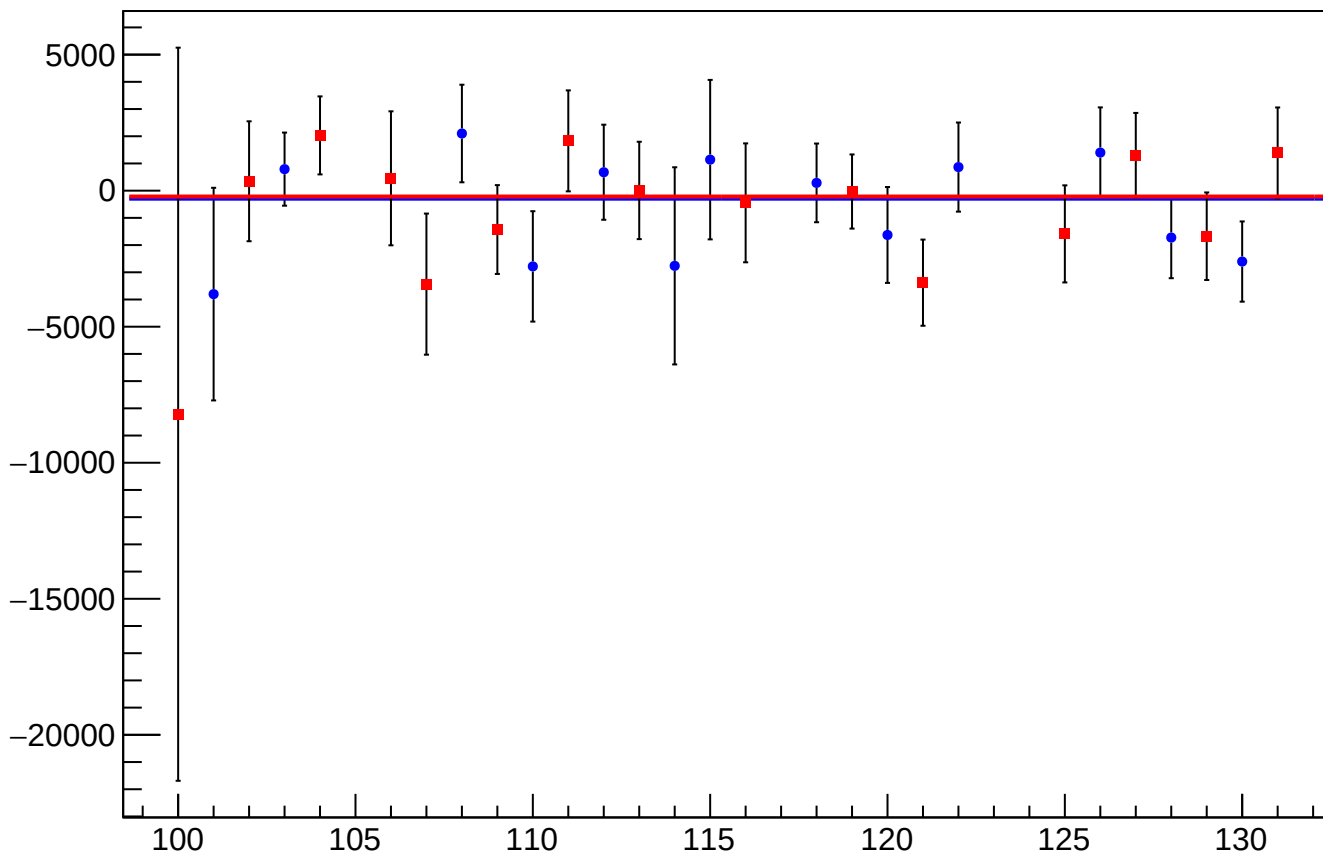
Right: 450.773 $\pm$ 0.166 χ^2 /NDF: 14717823.5/27

In: 464.102 $\pm$ 0.246 χ^2 /NDF:7373392.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 450.773 $\pm$ 0.166 χ^2 /NDF: 14717823.5/27

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.756+/-465.827 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

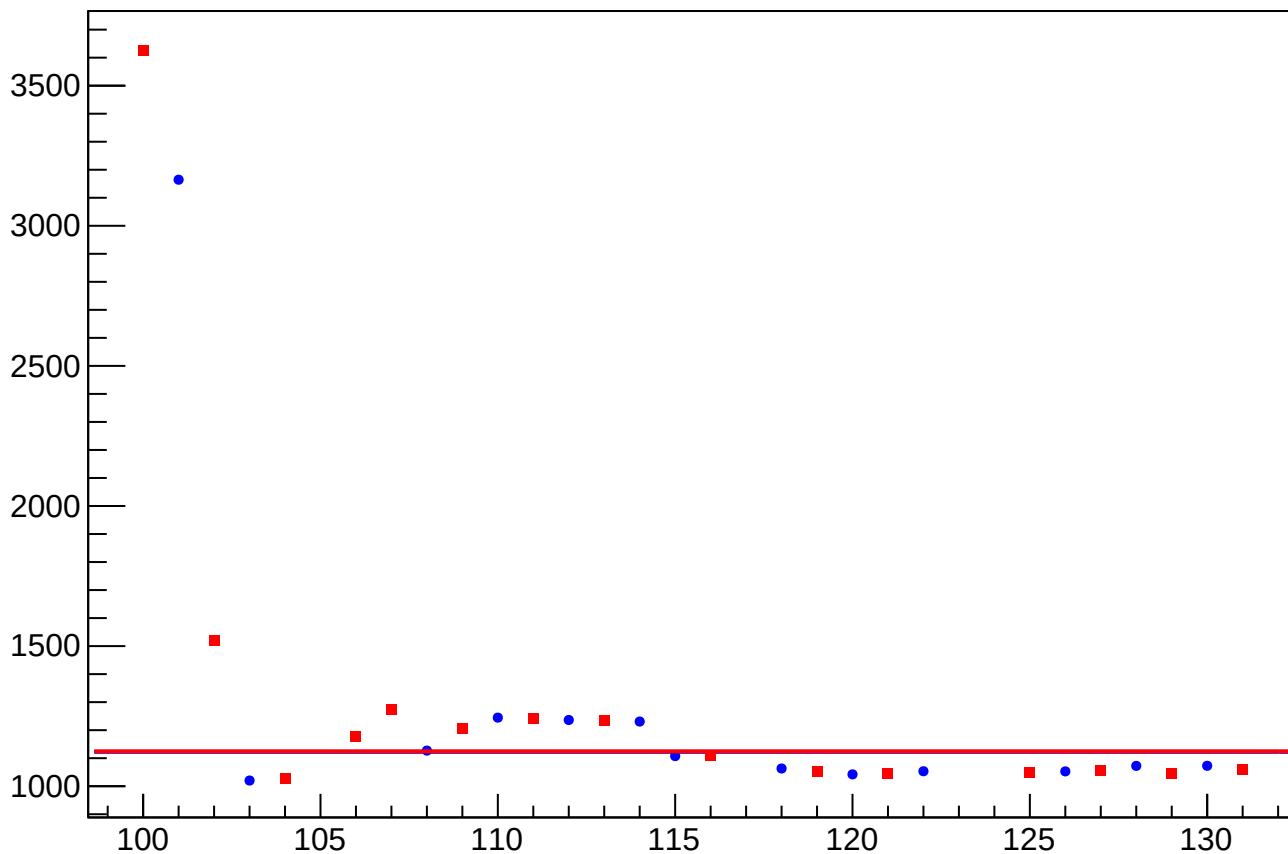
Right: -252.974+/-338.131 χ^2/NDF : 25.0/27

In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.974+/-338.131 χ^2/NDF : 25.0/27

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.199+/-0.329 χ^2/NDF : 196980.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

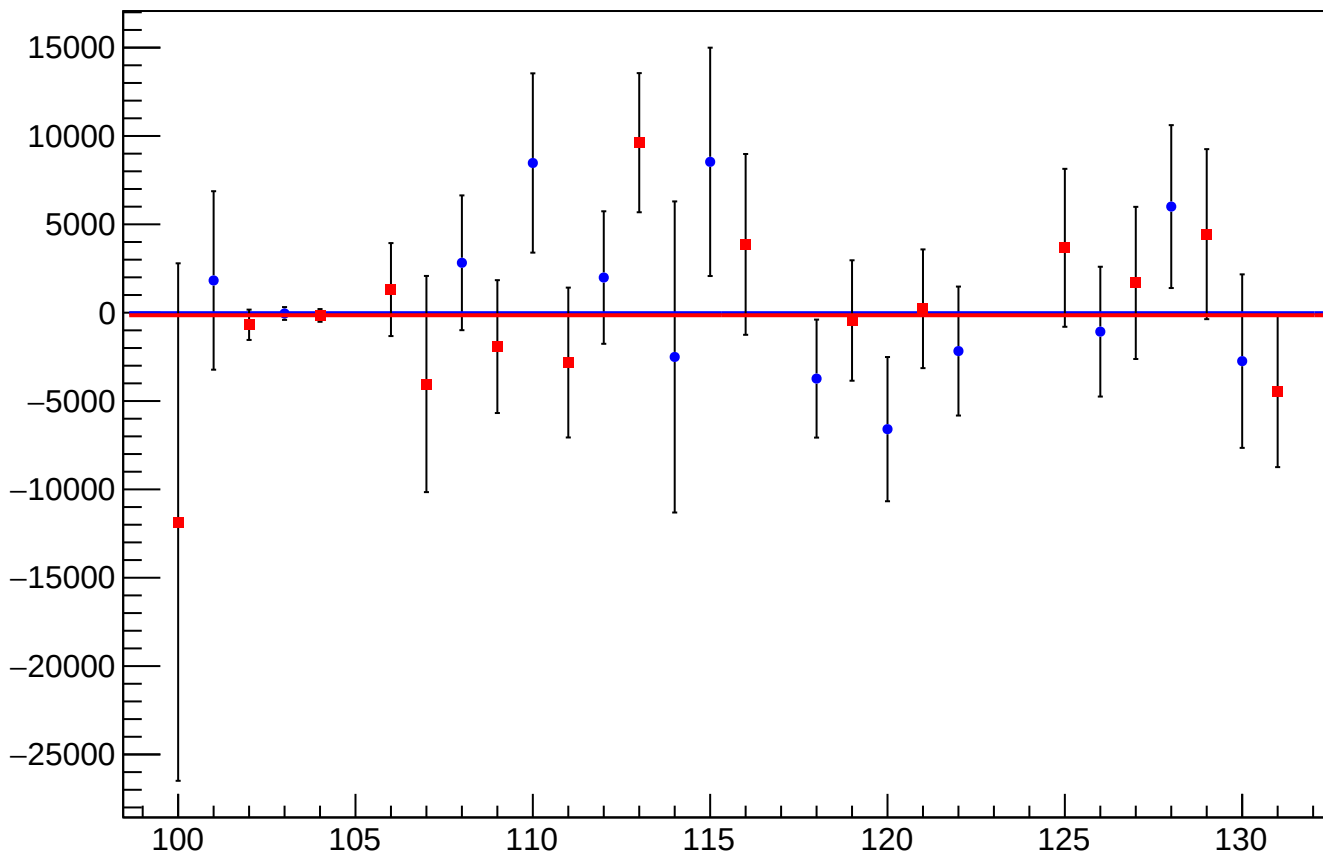
Right: 1123.580+/-0.239 χ^2/NDF : 791404.2/27

In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.580+/-0.239 χ^2/NDF : 791404.2/27

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.103 ± 347.895 $\chi^2/\text{NDF}: 11.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -144.537 ± 318.856 $\chi^2/\text{NDF}: 12.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

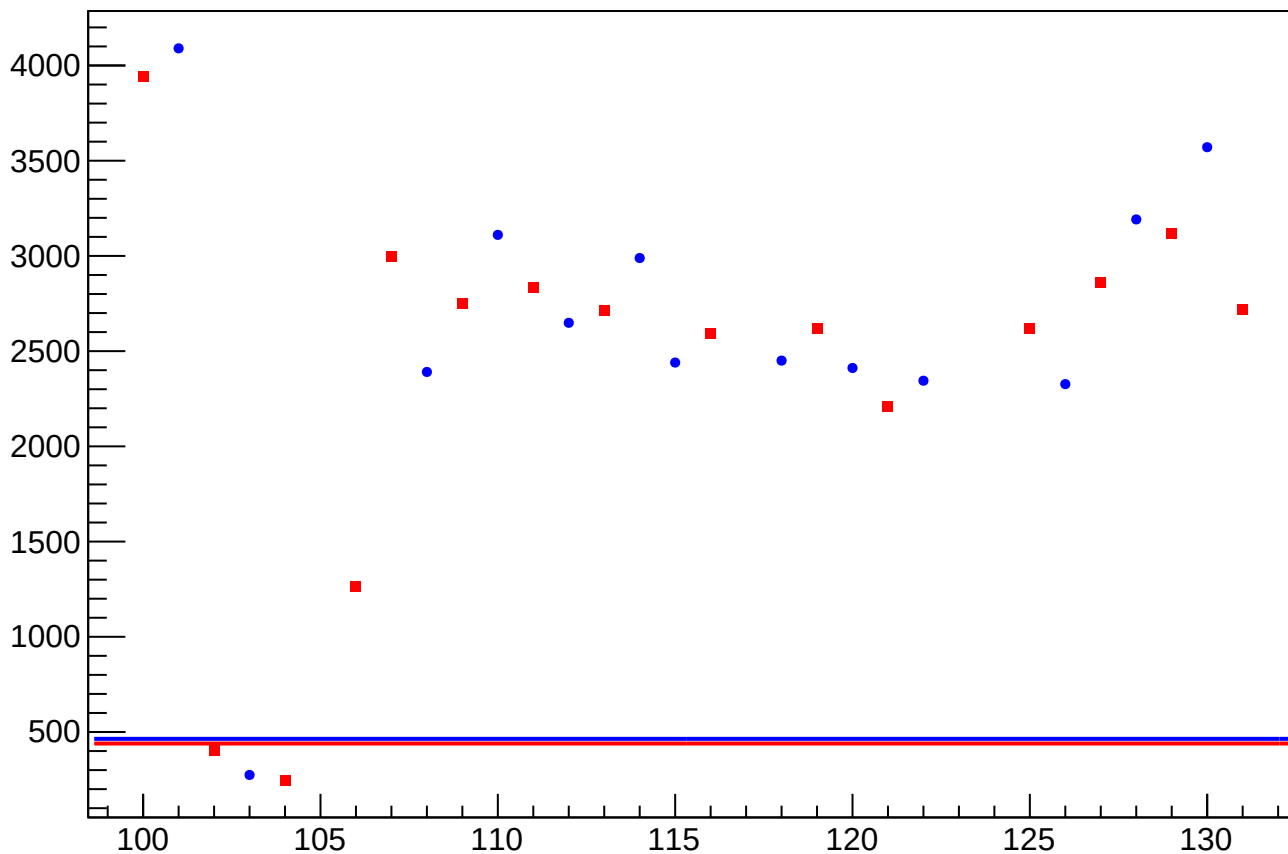
Right: -91.838 ± 235.062 $\chi^2/\text{NDF}: 23.9/27$

In: -29.103 ± 347.895 $\chi^2/\text{NDF}: 11.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -91.838 ± 235.062 $\chi^2/\text{NDF}: 23.9/27$

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.576+/-0.225 χ^2/NDF : 7339028.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

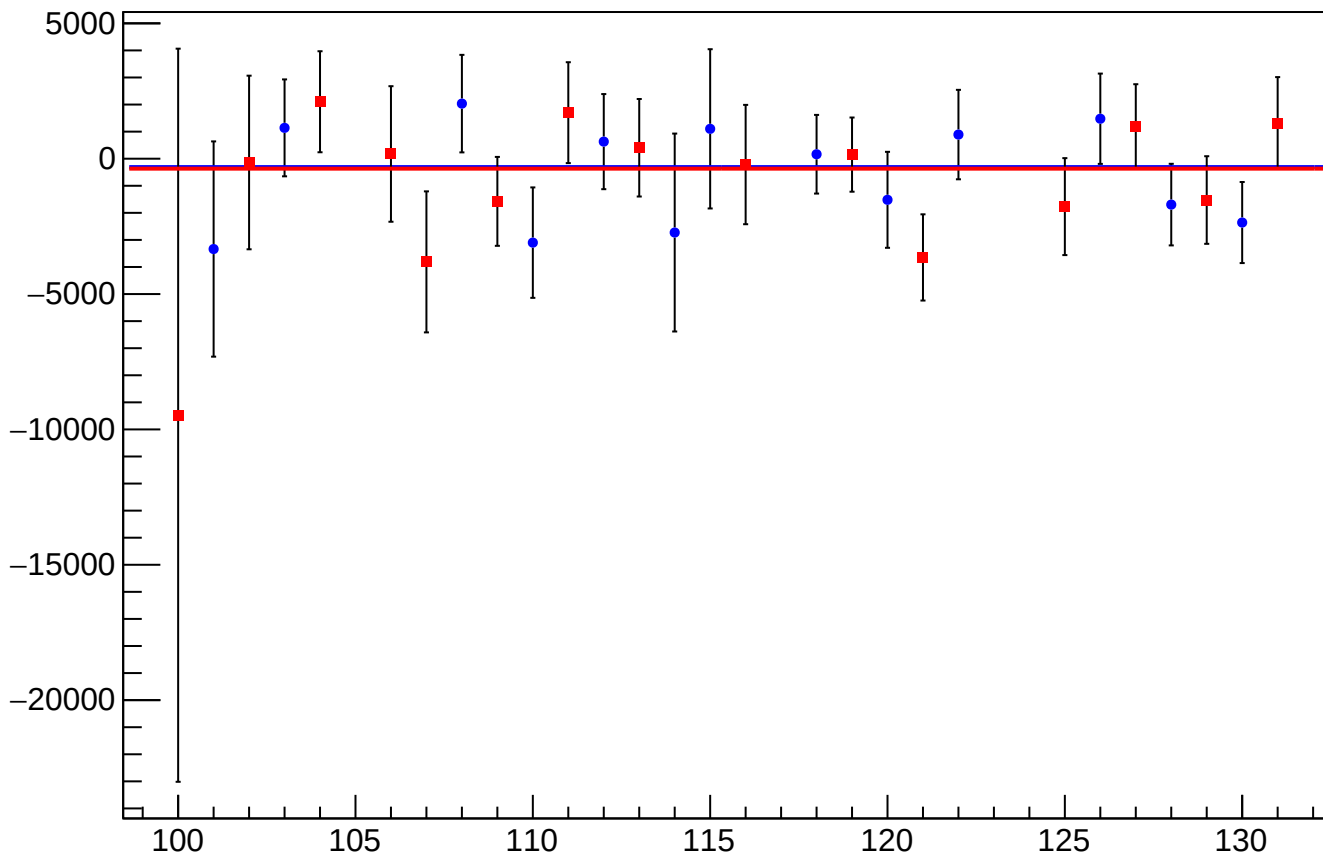
Right: 450.773+/-0.166 χ^2/NDF : 14717823.5/27

In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.773+/-0.166 χ^2/NDF : 14717823.5/27

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -310.362+/-510.138 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -367.231+/-485.274 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

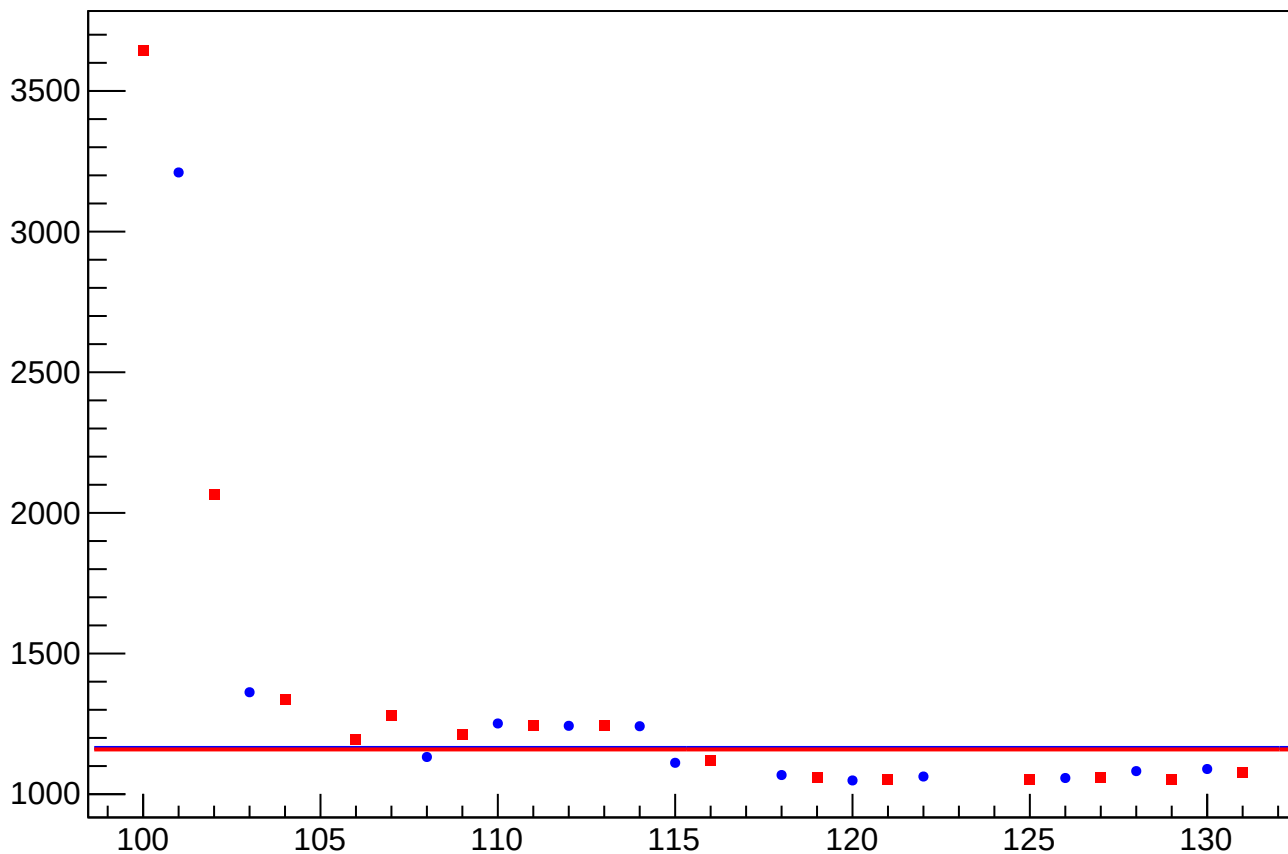
Right: -340.216+/-351.602 χ^2/NDF : 24.2/27

In: -310.362+/-510.138 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.216+/-351.602 χ^2/NDF : 24.2/27

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1164.338+/-0.361 χ^2/NDF : 607931.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1159.068+/-0.343 χ^2/NDF : 310318.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

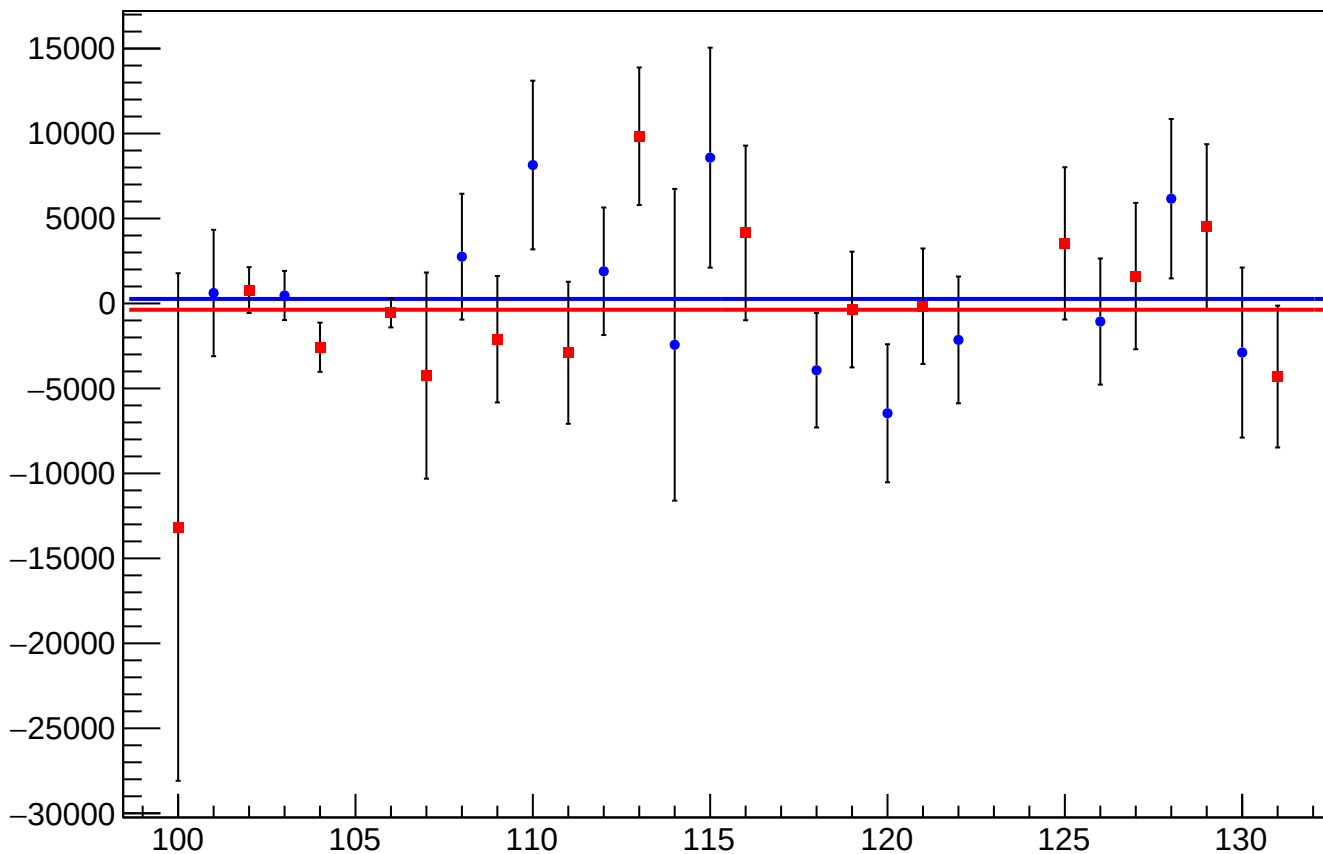
Right: 1161.570+/-0.249 χ^2/NDF : 918361.7/27

In: 1164.338+/-0.361 χ^2/NDF : 607931.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.570+/-0.249 χ^2/NDF : 918361.7/27

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.716+/-933.068 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -370.574+/-573.999 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

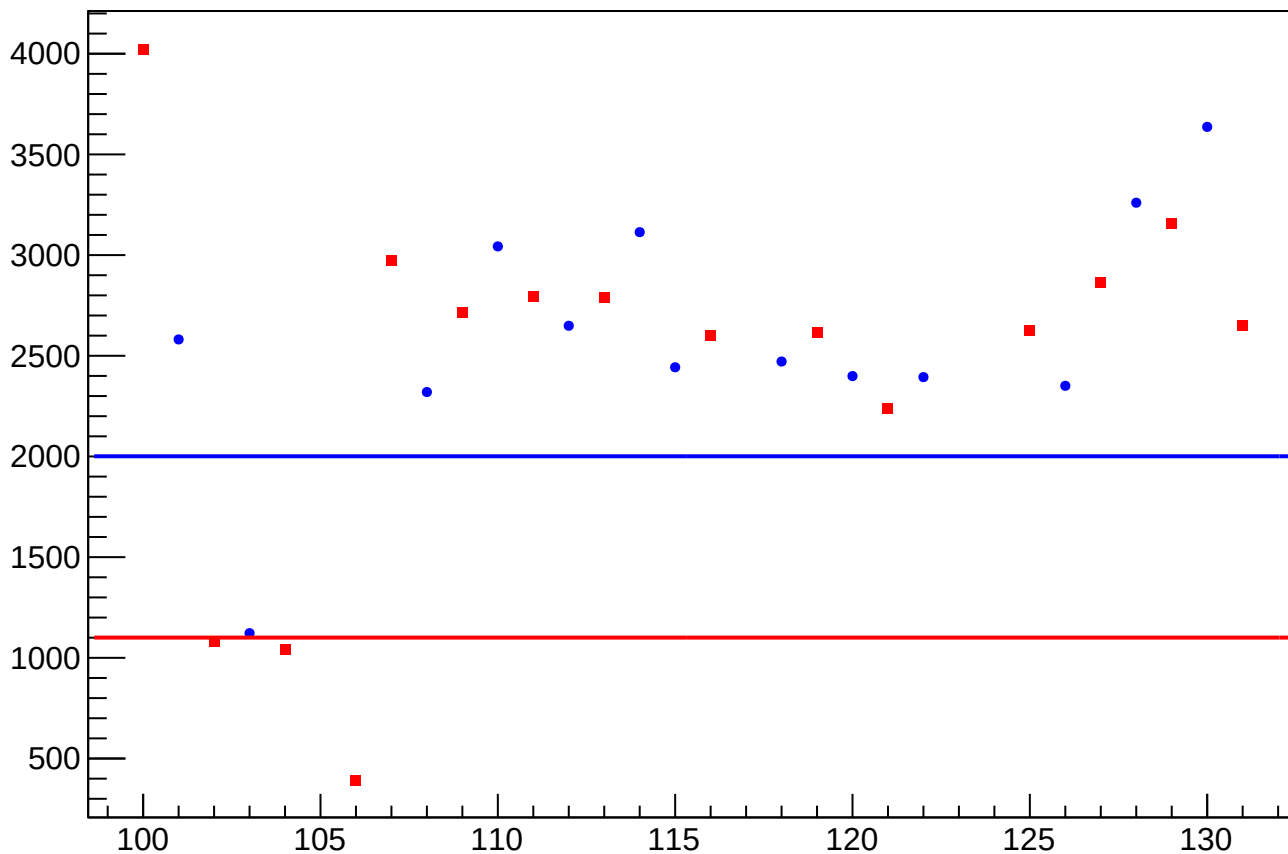
Right: -195.611+/-488.897 χ^2/NDF : 26.9/27

In: 266.716+/-933.068 χ^2/NDF :11.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -195.611+/-488.897 χ^2/NDF : 26.9/27

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2000.963+/-0.660 χ^2/NDF : 1442965.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.523+/-0.406 χ^2/NDF : 4698736.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

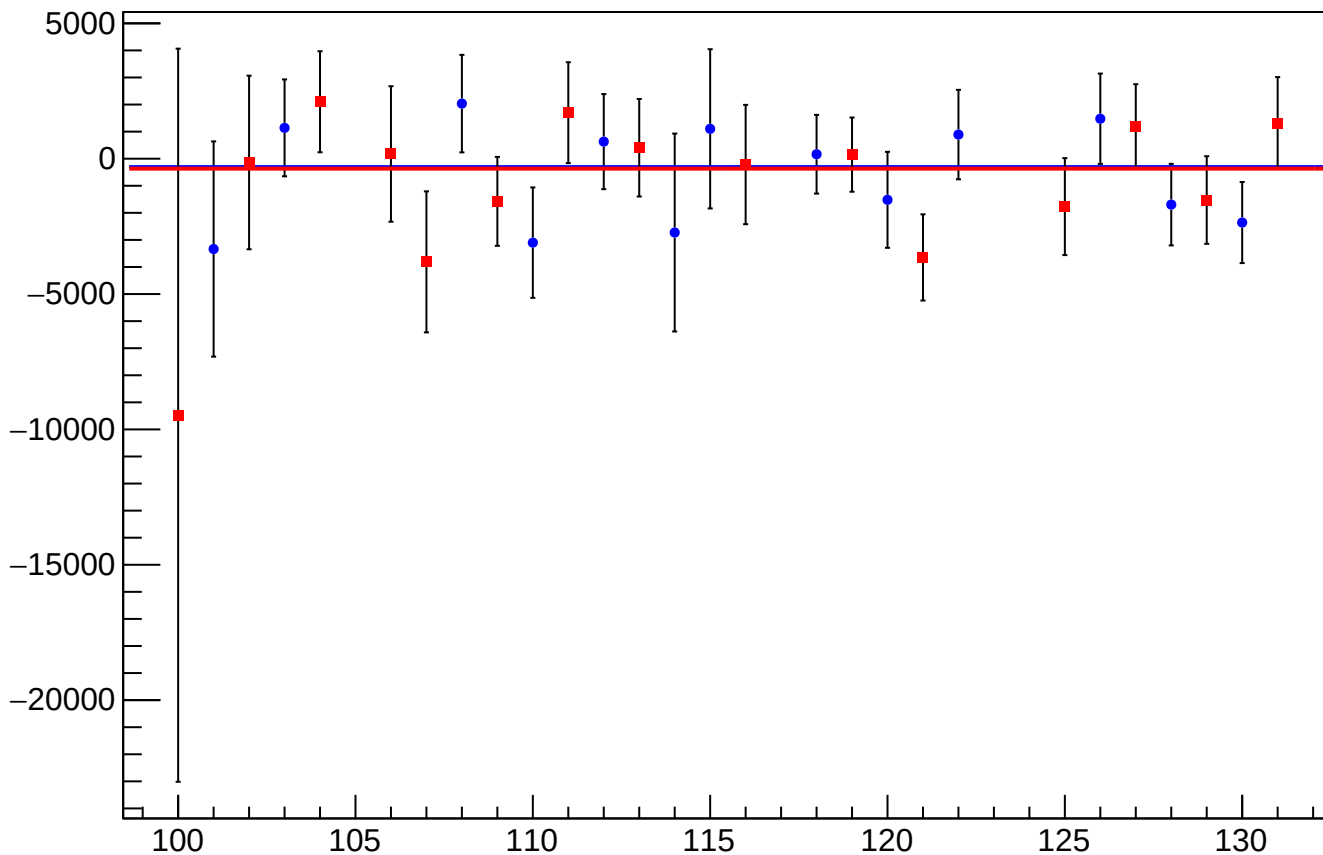
Right: 1347.731+/-0.346 χ^2/NDF : 7492922.3/27

In: 2000.963+/-0.660 χ^2/NDF : 1442965.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.731+/-0.346 χ^2/NDF : 7492922.3/27

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -310.362 $\pm$ 510.138 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -367.236 $\pm$ 485.274 χ^2 /NDF: 13.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

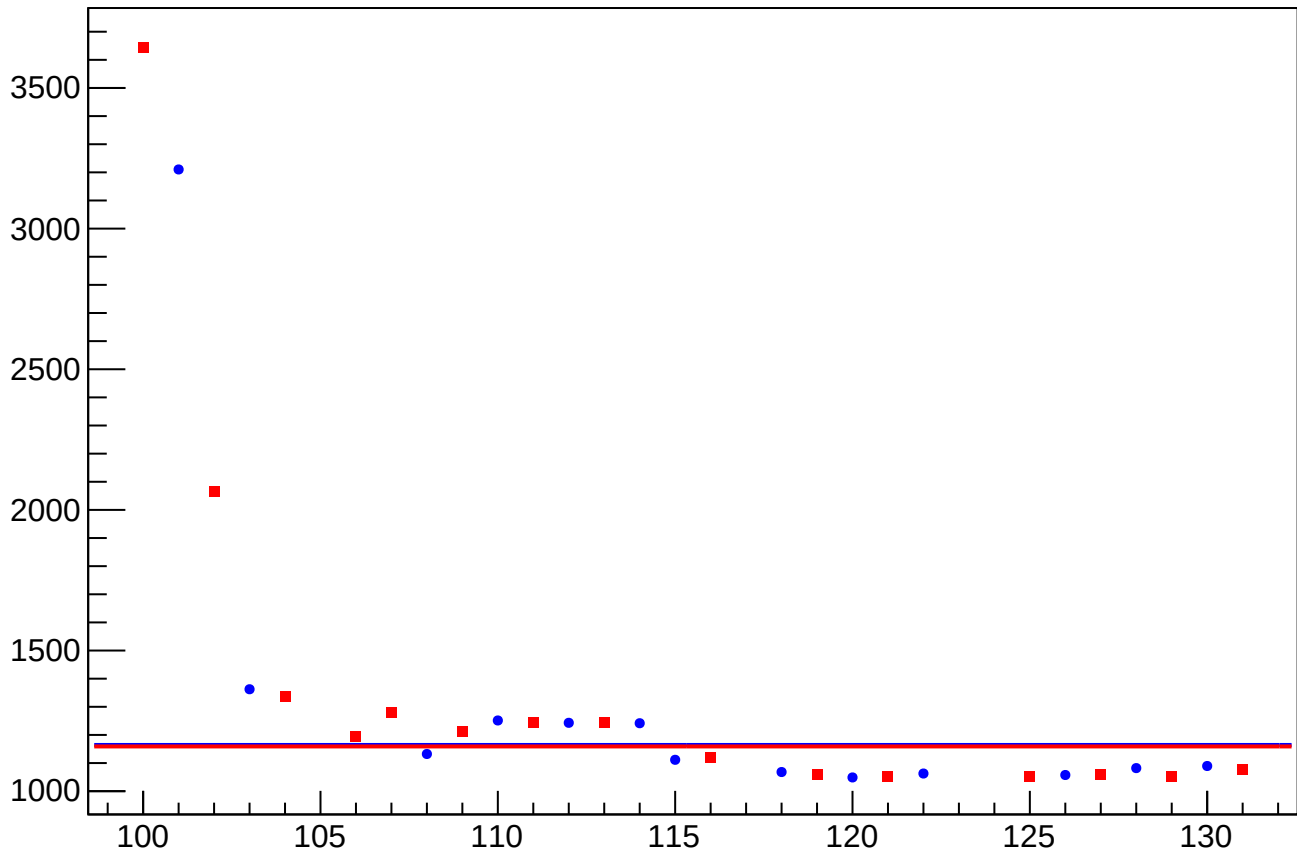
Right: -340.219 $\pm$ 351.602 χ^2 /NDF: 24.2/27

In: -310.362 $\pm$ 510.138 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -340.219 $\pm$ 351.602 χ^2 /NDF: 24.2/27

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1164.338+/-0.361 χ^2/NDF : 607931.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1159.068+/-0.343 χ^2/NDF : 310318.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

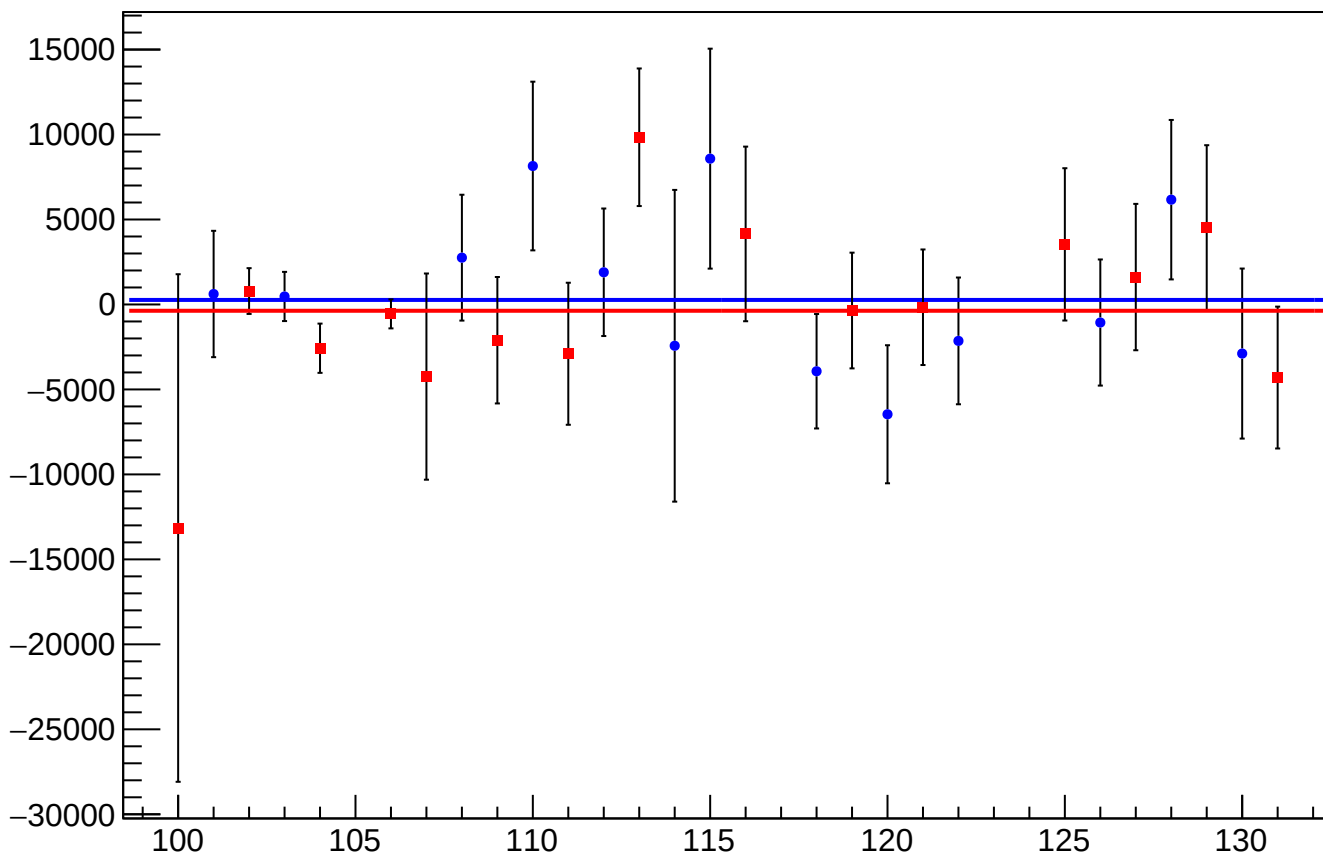
Right: 1161.570+/-0.249 χ^2/NDF : 918361.6/27

In: 1164.338+/-0.361 χ^2/NDF : 607931.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.570+/-0.249 χ^2/NDF : 918361.6/27

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.712 $\pm$ 933.066 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -370.575 $\pm$ 573.992 χ^2 /NDF: 14.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

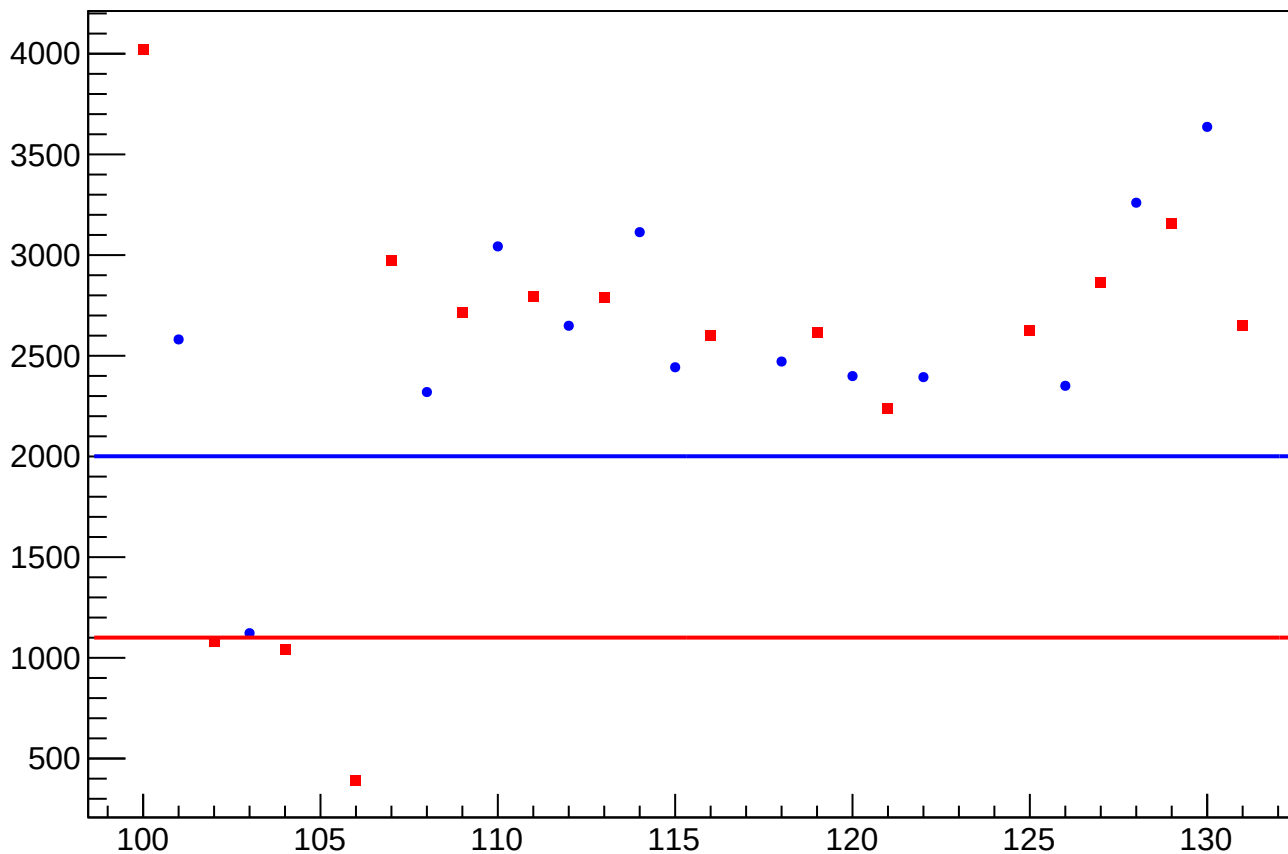
Right: -195.616 $\pm$ 488.892 χ^2 /NDF: 26.9/27

In: 266.712 $\pm$ 933.066 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -195.616 $\pm$ 488.892 χ^2 /NDF: 26.9/27

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2000.960+/-0.660 χ^2/NDF : 1442957.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.501+/-0.406 χ^2/NDF : 4698843.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

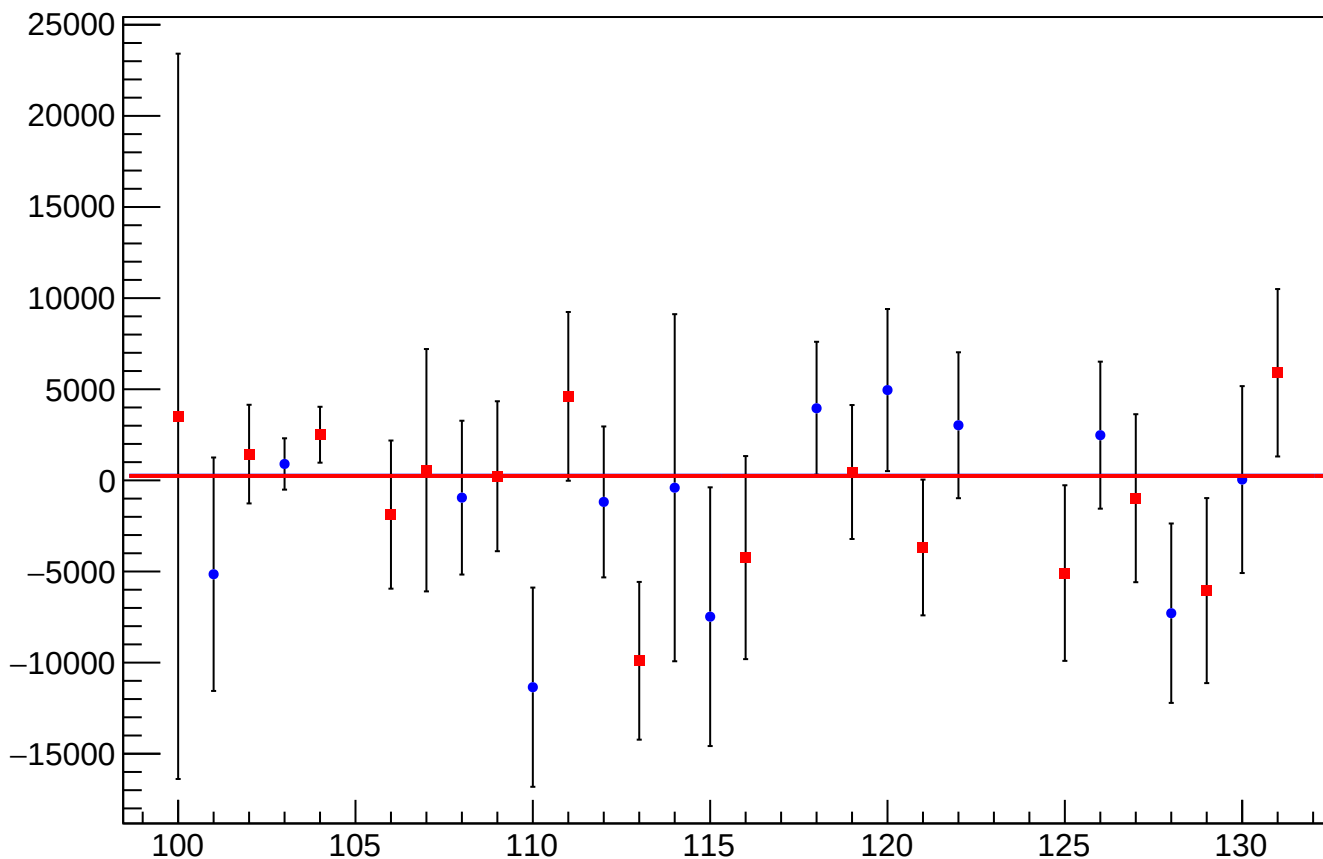
Right: 1347.711+/-0.346 χ^2/NDF : 7493091.0/27

In: 2000.960+/-0.660 χ^2/NDF : 1442957.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.711+/-0.346 χ^2/NDF : 7493091.0/27

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 254.499+/-982.441 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 242.414+/-927.987 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

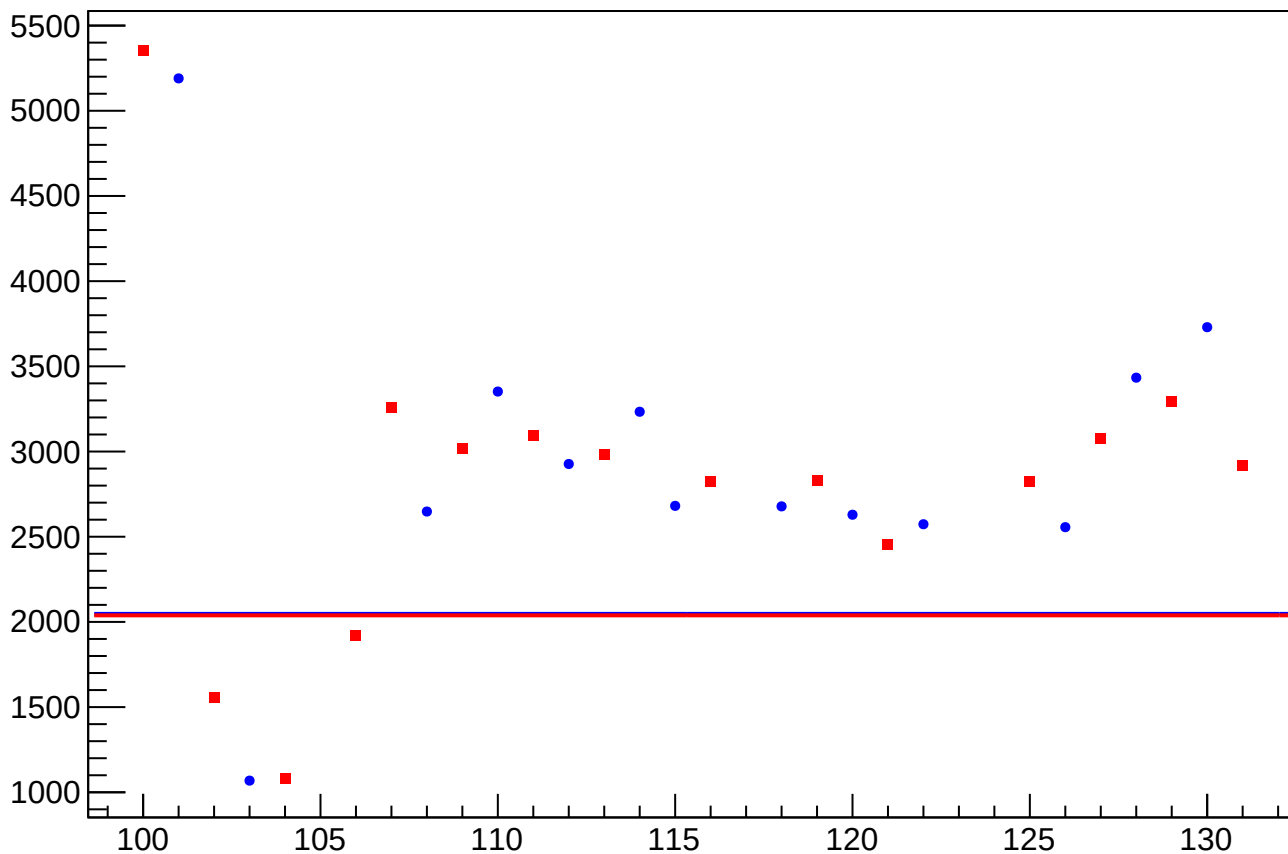
Right: 248.112+/-674.615 χ^2/NDF : 27.3/27

In: 254.499+/-982.441 χ^2/NDF :12.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 248.112+/-674.615 χ^2/NDF : 27.3/27

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2047.062+/-0.695 χ^2/NDF : 2273324.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.632+/-0.655 χ^2/NDF : 1785753.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

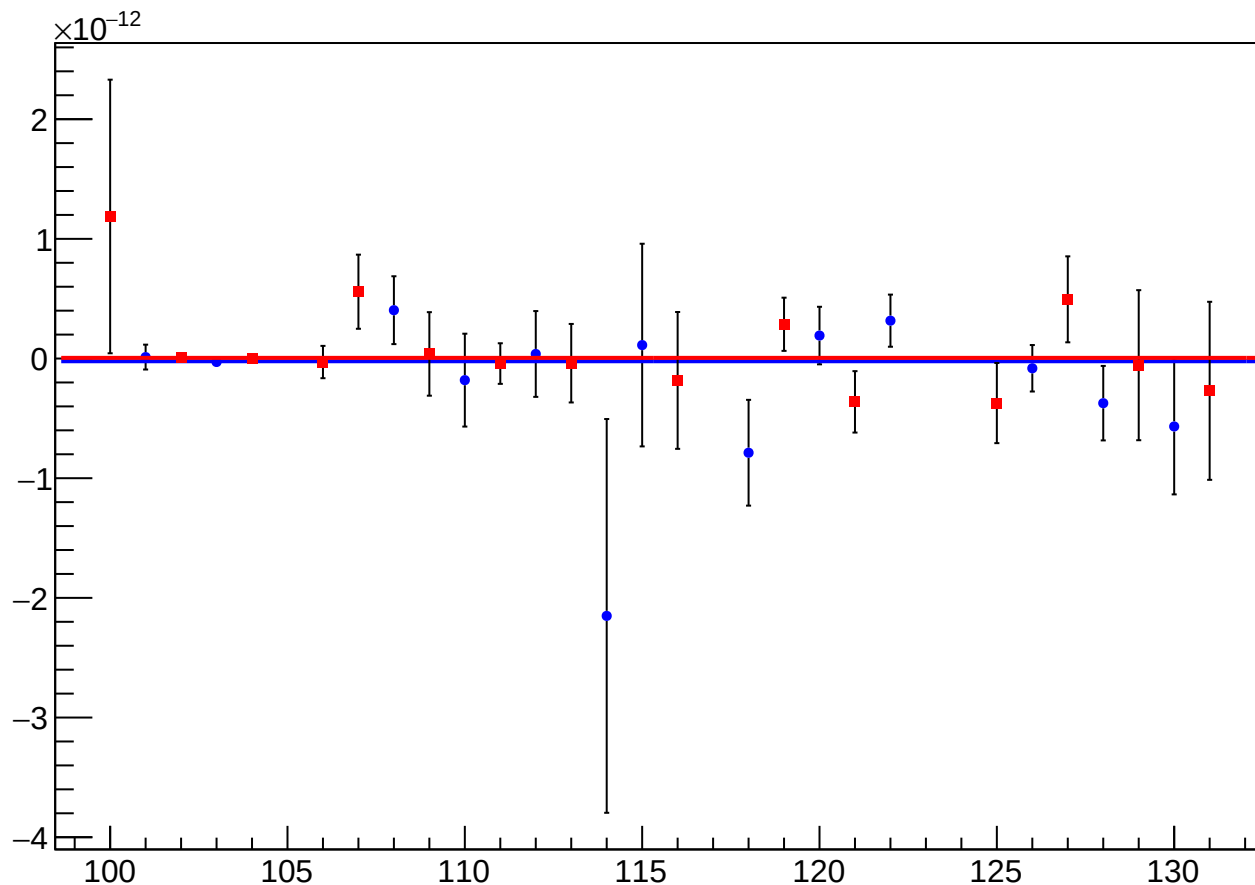
Right: 2042.596+/-0.476 χ^2/NDF : 4059156.0/27

In: 2047.062+/-0.695 χ^2/NDF : 2273324.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.596+/-0.476 χ^2/NDF : 4059156.0/27

asym_us_avg_atlr_avg_dd_reg_vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

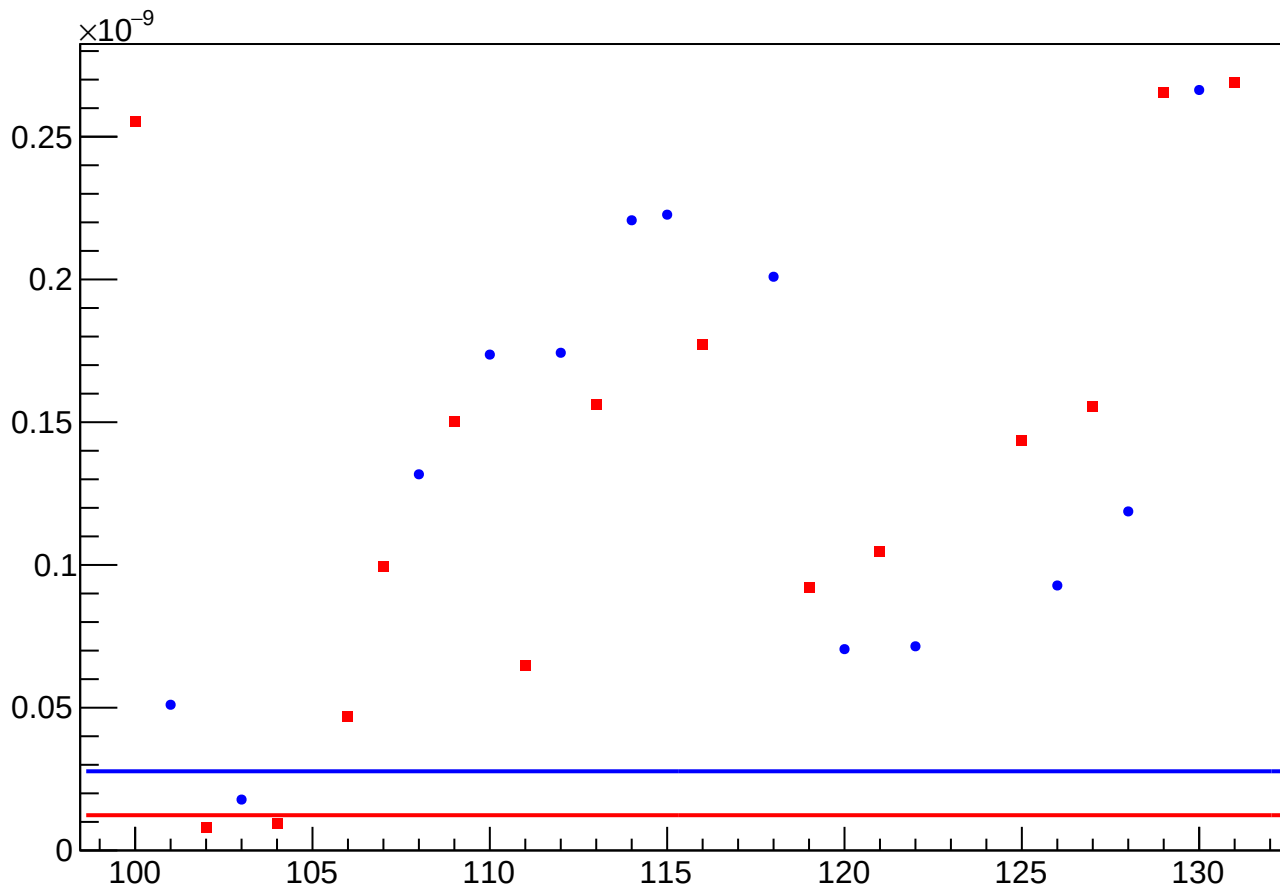
Right: -0.000+/-0.000 χ^2/NDF : 25.1/27

In: -0.000+/-0.000 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/27

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2556314.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3239716.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

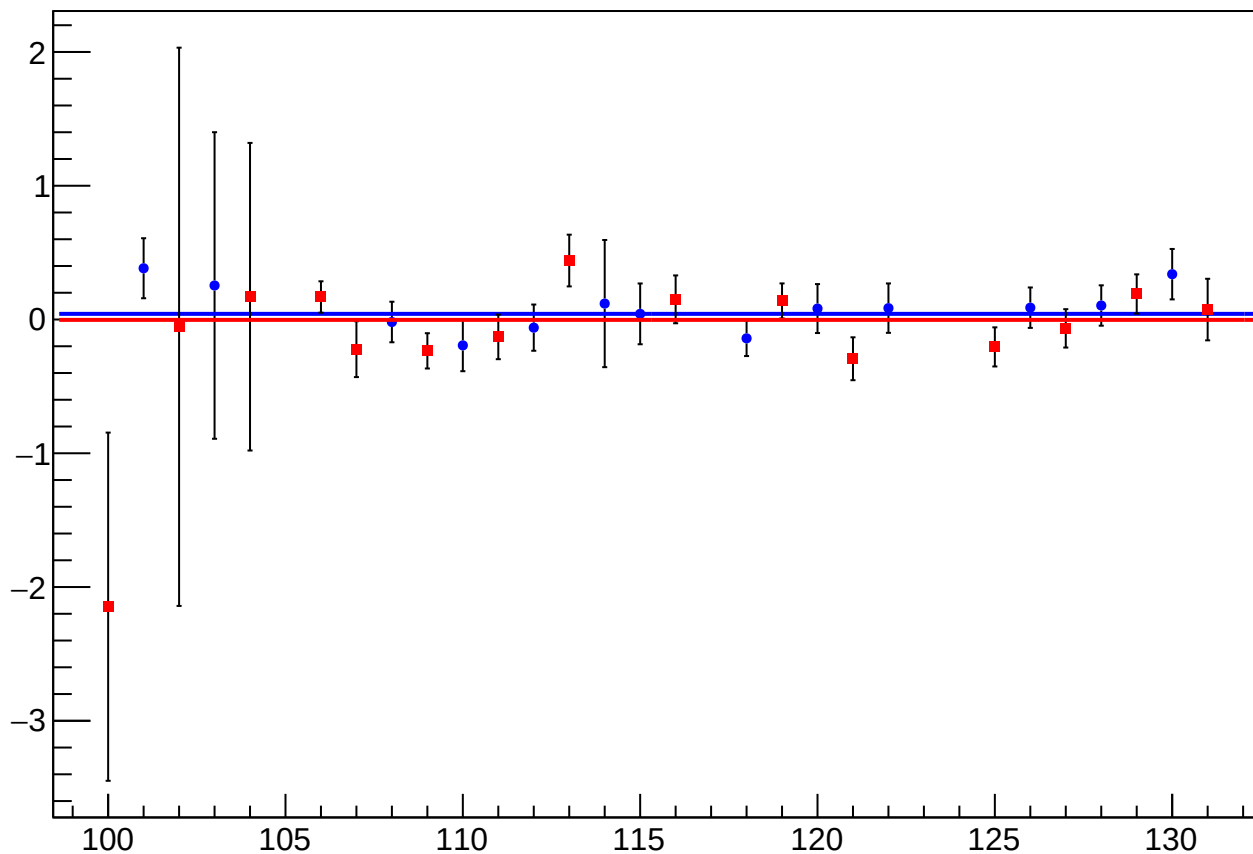
Right: 0.000+/-0.000 χ^2/NDF : 6300132.0/27

In: 0.000+/-0.000 χ^2/NDF : 2556314.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6300132.0/27

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.044 χ^2/NDF : 24.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

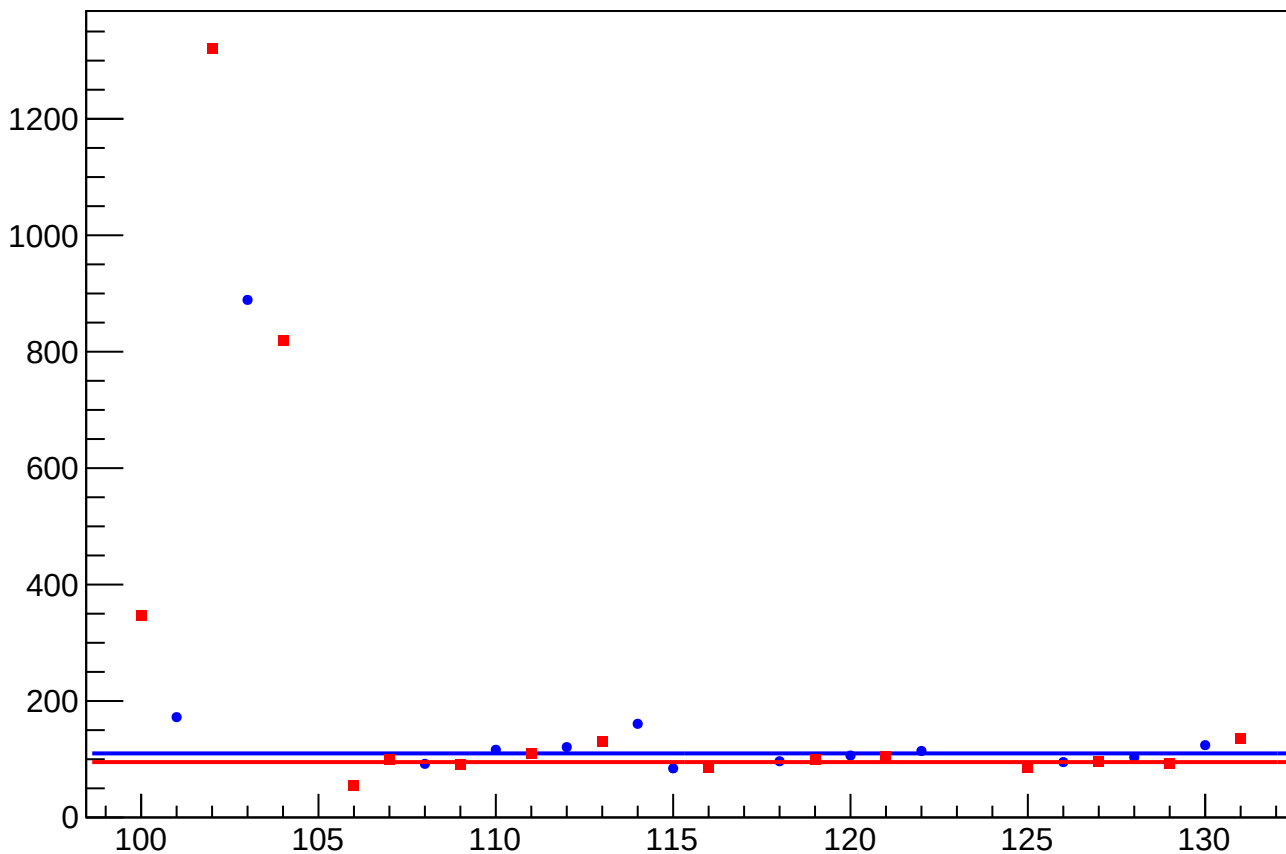
Right: 0.016+/-0.034 χ^2/NDF : 33.6/27

In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.034 χ^2/NDF : 33.6/27

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.093+/-0.031 χ^2/NDF : 1962351.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

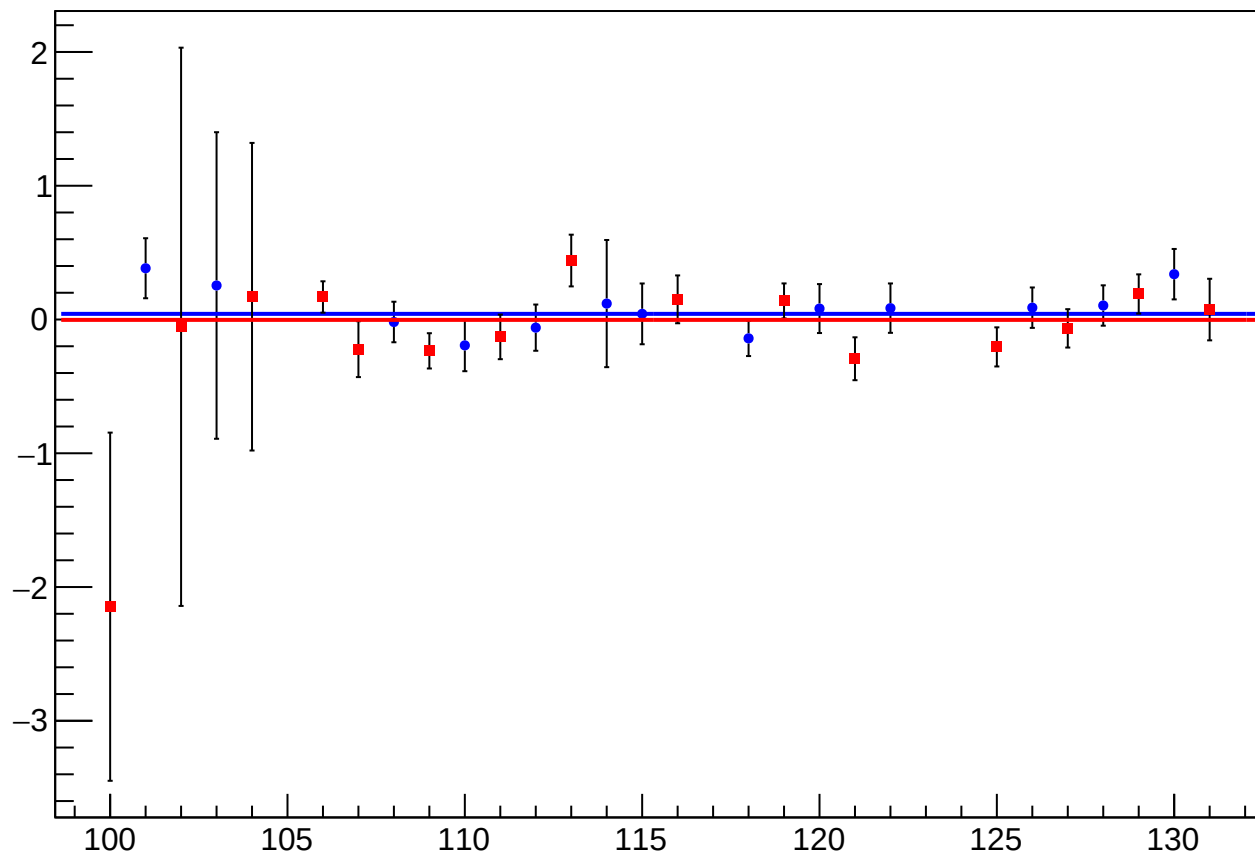
Right: 101.492+/-0.024 χ^2/NDF : 3281120.9/27

In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281120.9/27

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

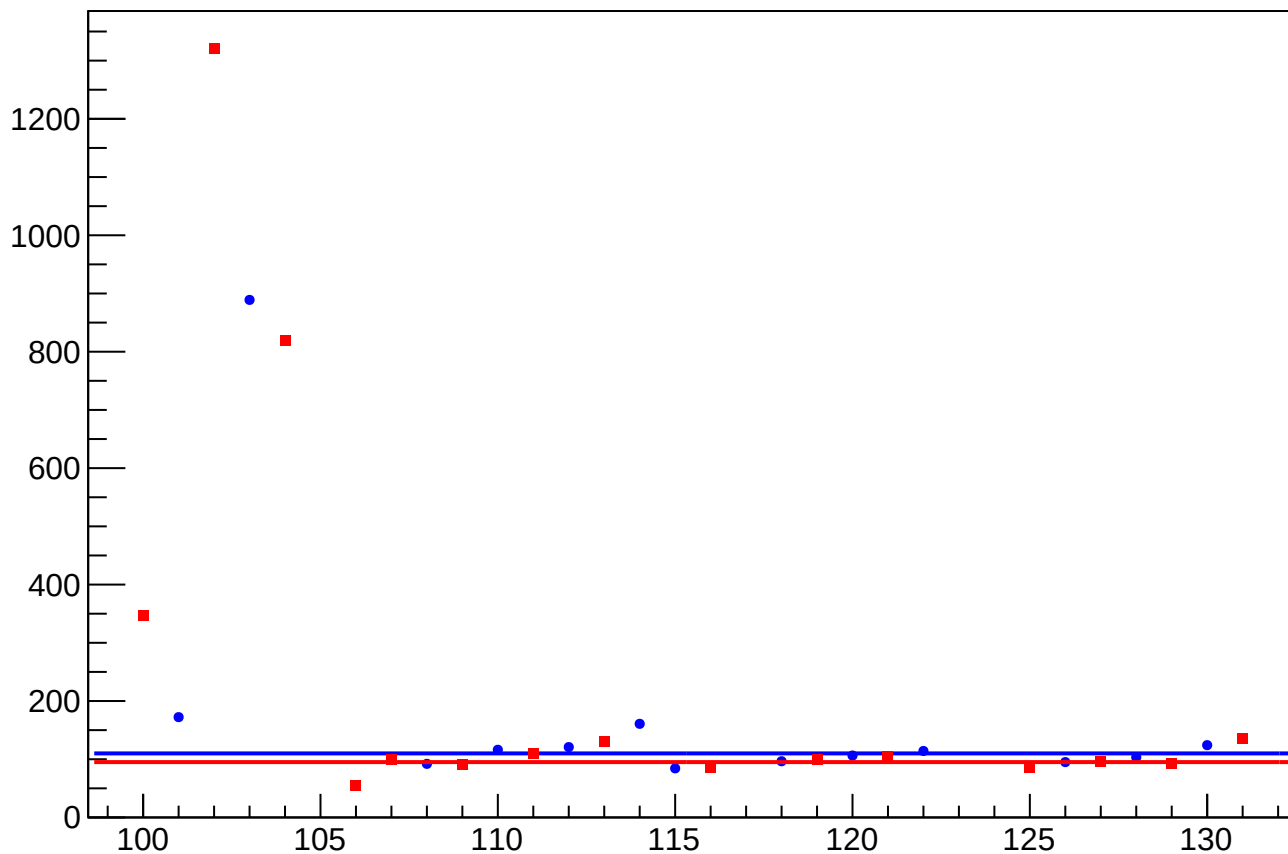
Right: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.6/27

In: 0.042 $\pm$ 0.051 χ^2 /NDF:9.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.6/27

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.093+/-0.031 χ^2/NDF : 1962351.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

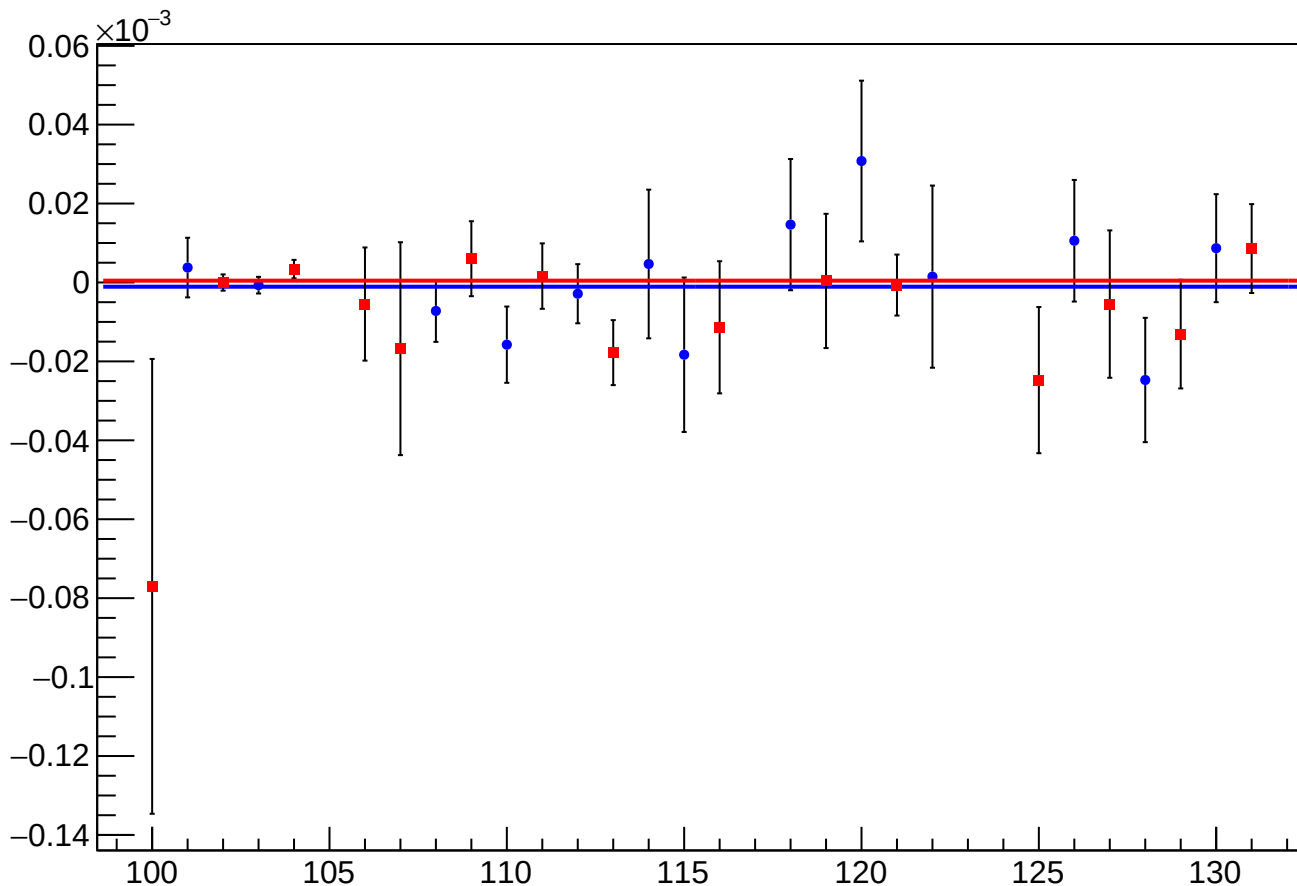
Right: 101.492+/-0.024 χ^2/NDF : 3281120.9/27

In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281120.9/27

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 : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

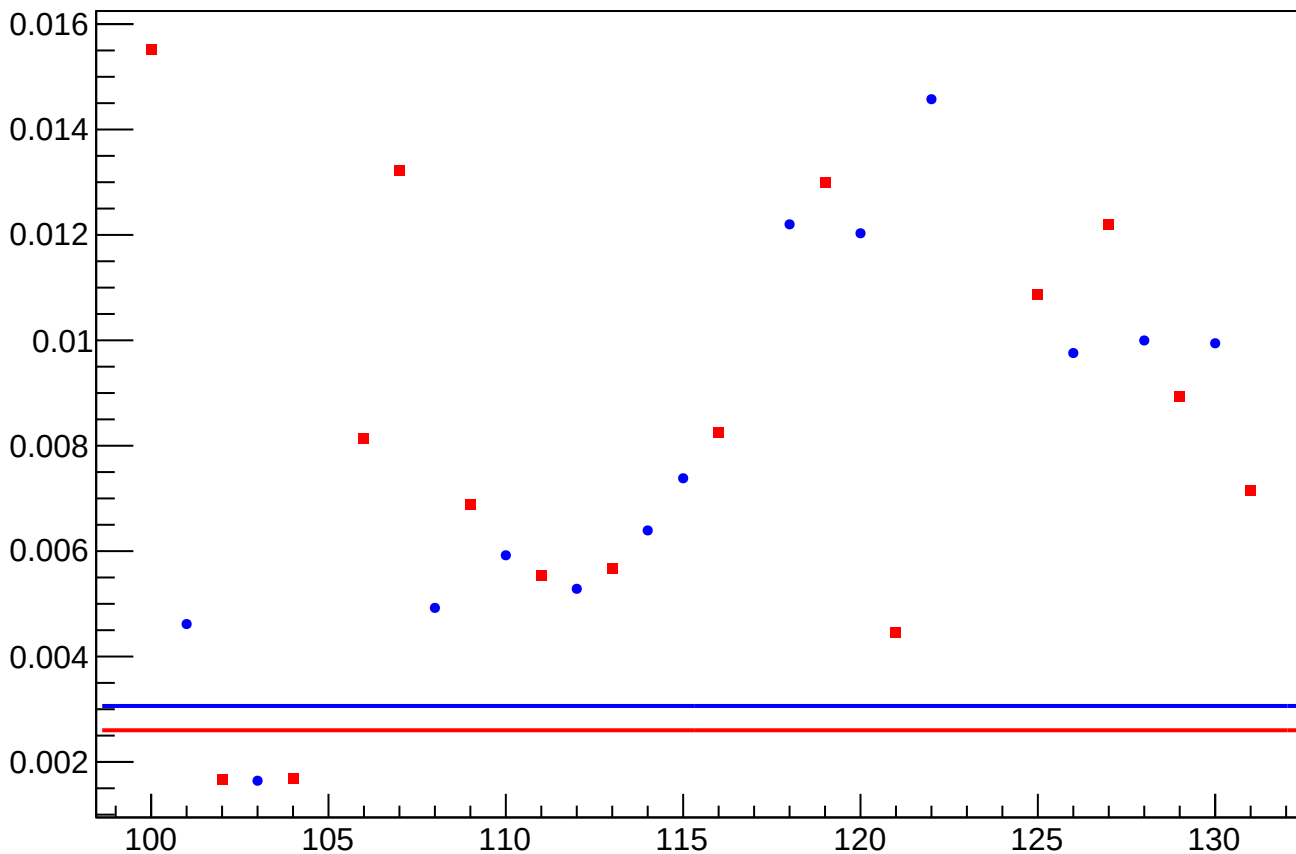
Right: -0.000+/-0.000 χ^2/NDF : 24.7/27

In: -0.000+/-0.000 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/27

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 : 4370702.9/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5133685.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 9586767.3/27

In: 0.003+/-0.000

χ^2/NDF : 4370702.9/12

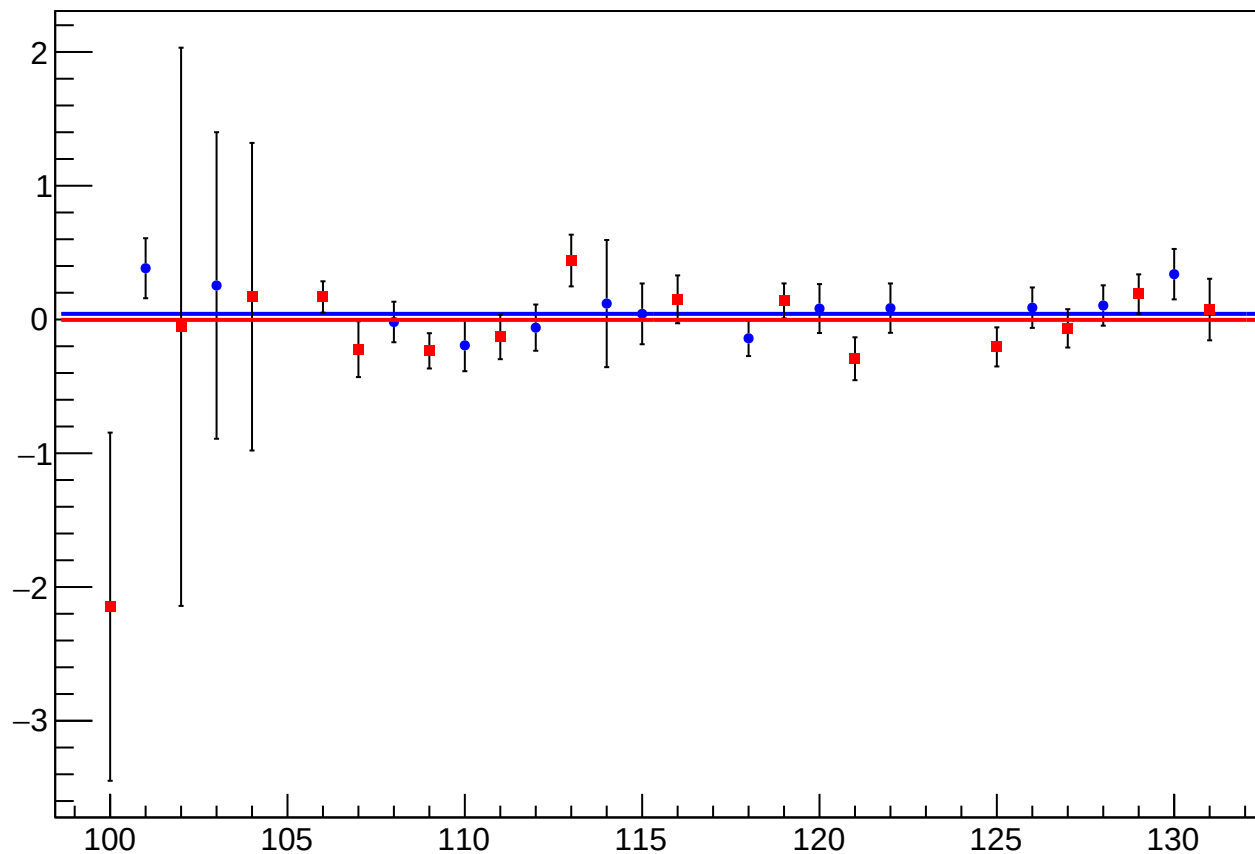
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 9586767.3/27

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

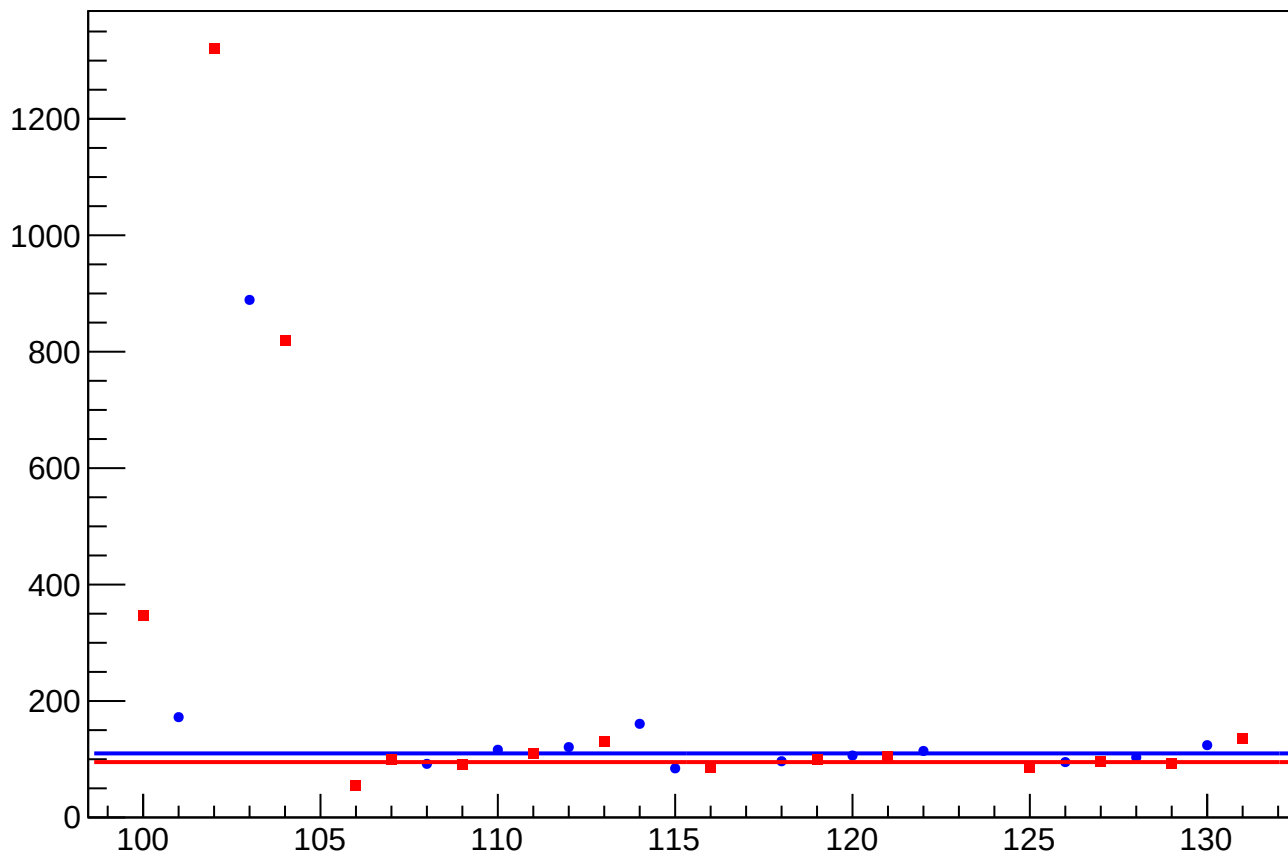
Right: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.6/27

In: 0.042 $\pm$ 0.051 χ^2 /NDF:9.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.6/27

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.092+/-0.031 χ^2/NDF : 1962418.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

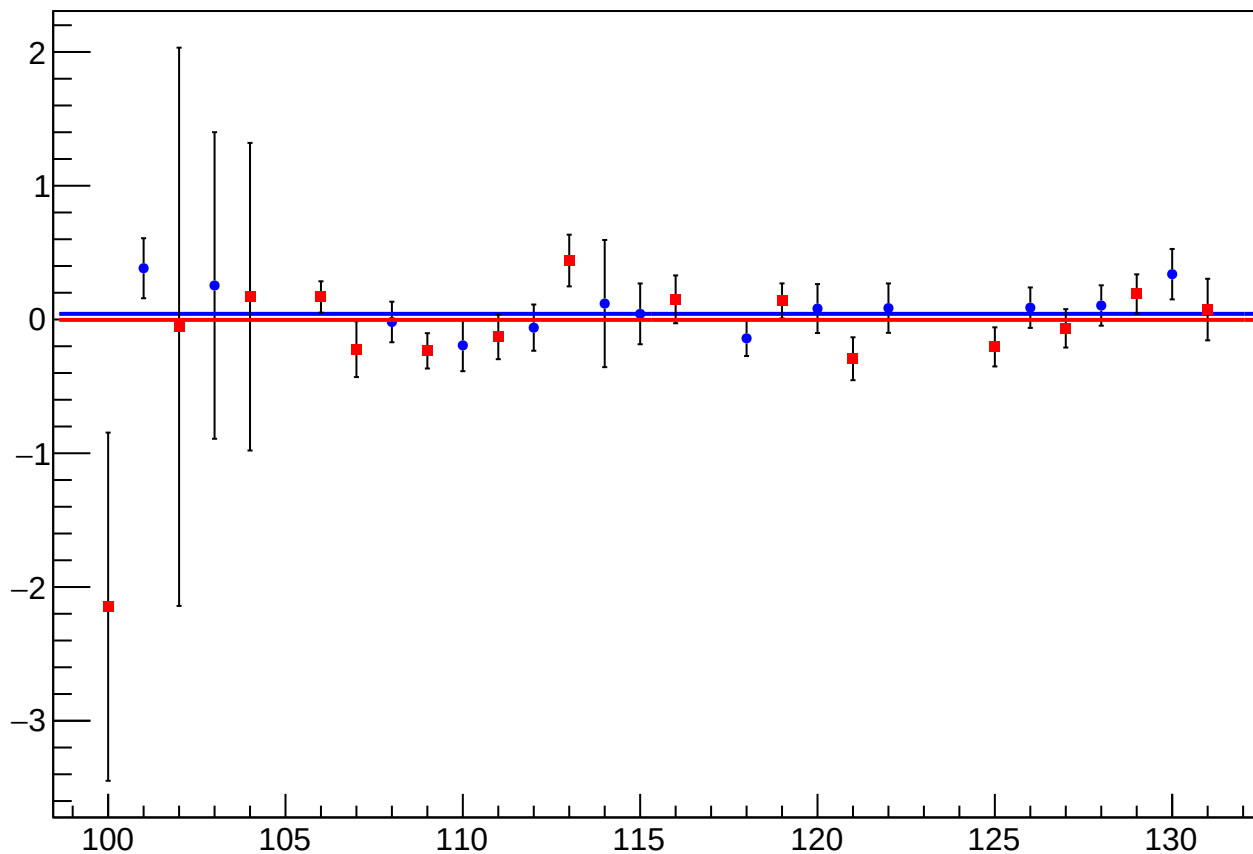
Right: 101.492+/-0.024 χ^2/NDF : 3281184.1/27

In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281184.1/27

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

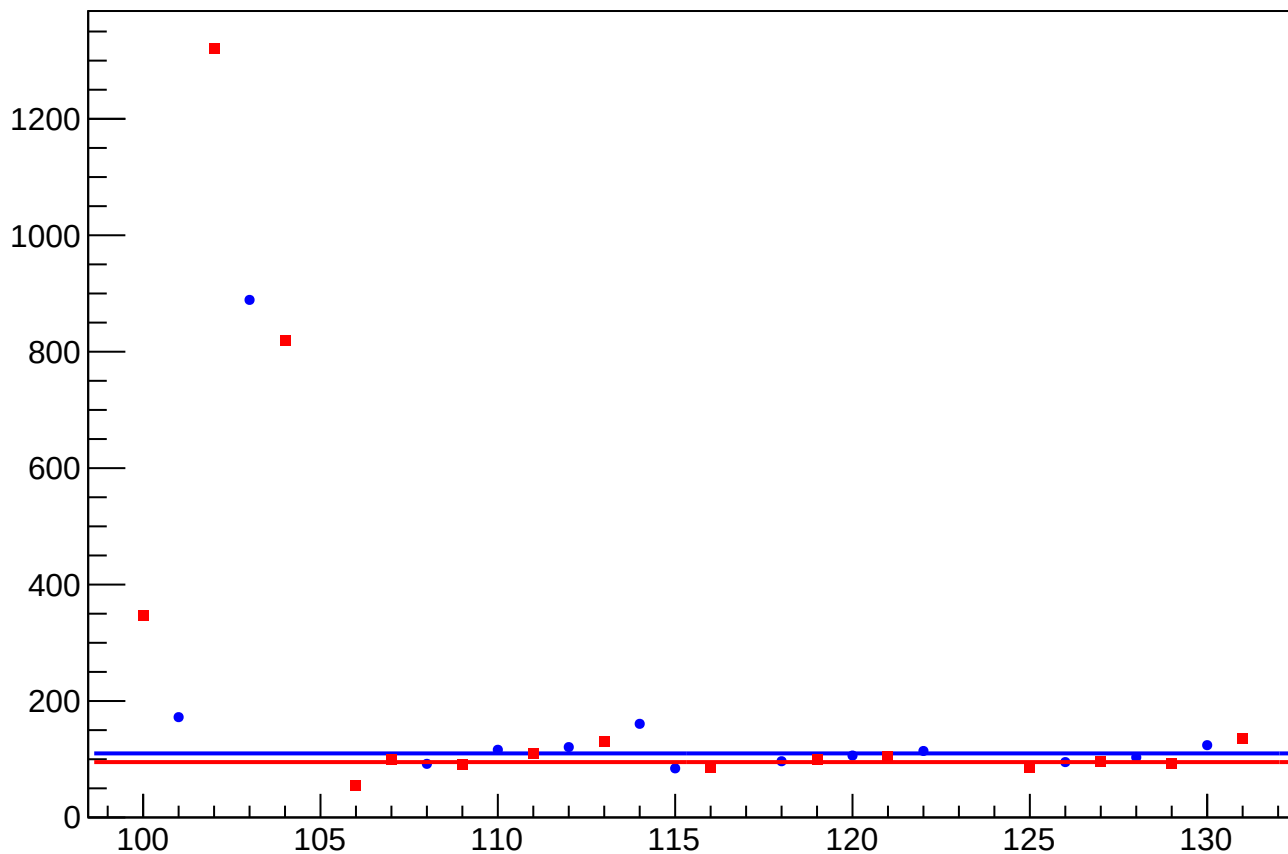
Right: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.6/27

In: 0.042 $\pm$ 0.051 χ^2 /NDF:9.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.6/27

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.092+/-0.031 χ^2/NDF : 1962418.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

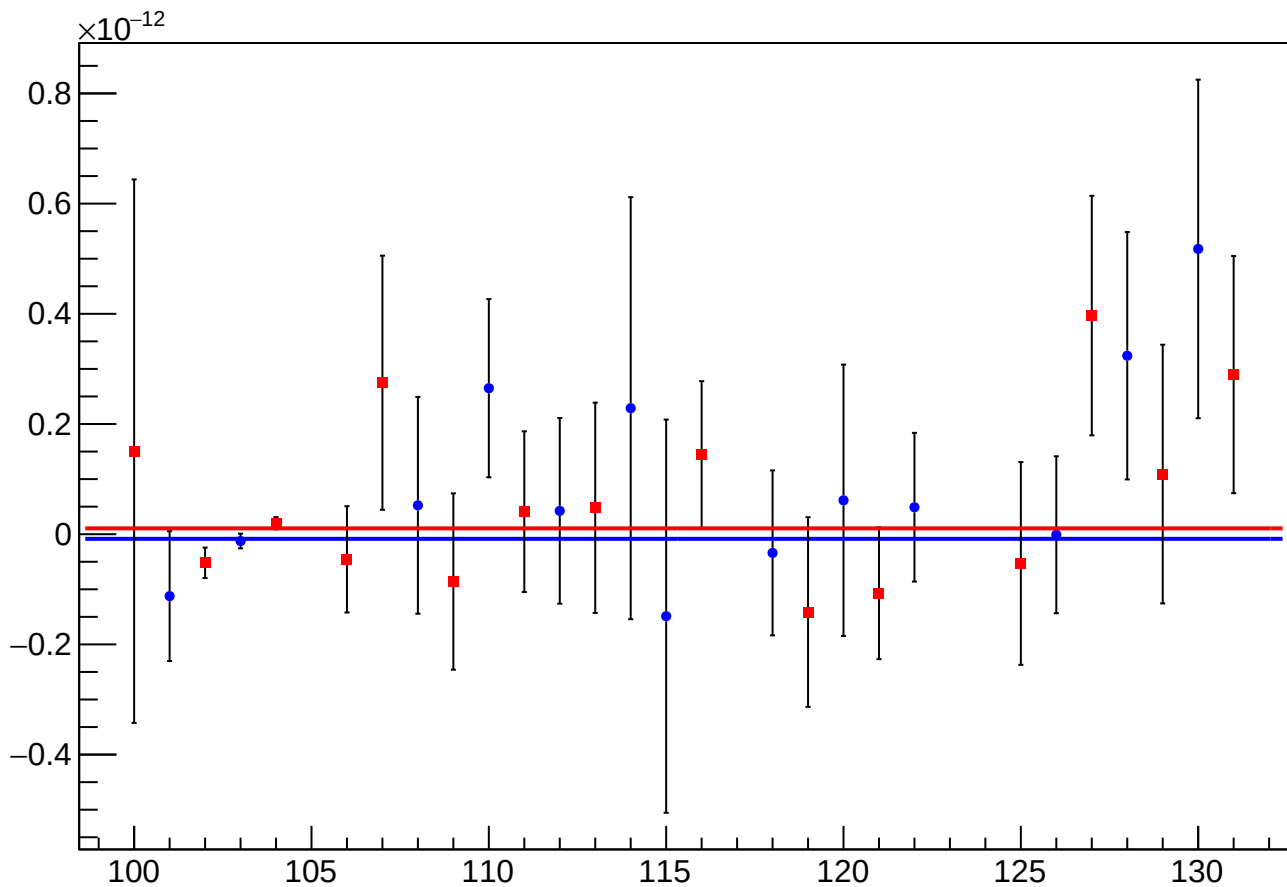
Right: 101.492+/-0.024 χ^2/NDF : 3281184.1/27

In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281184.1/27

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 : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

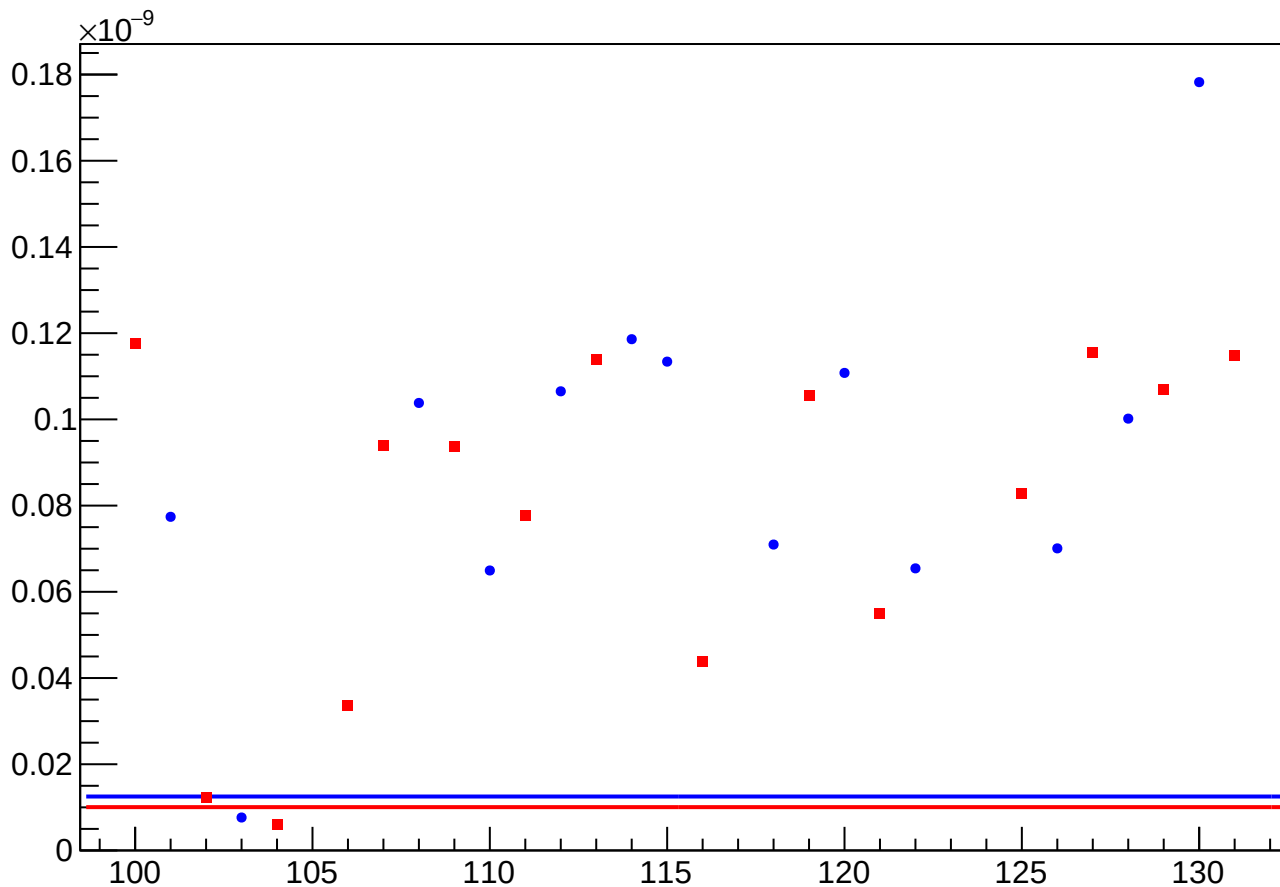
Right: 0.000+/-0.000 χ^2/NDF : 27.1/27

In: -0.000+/-0.000 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.1/27

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 : 4594191.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4960808.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

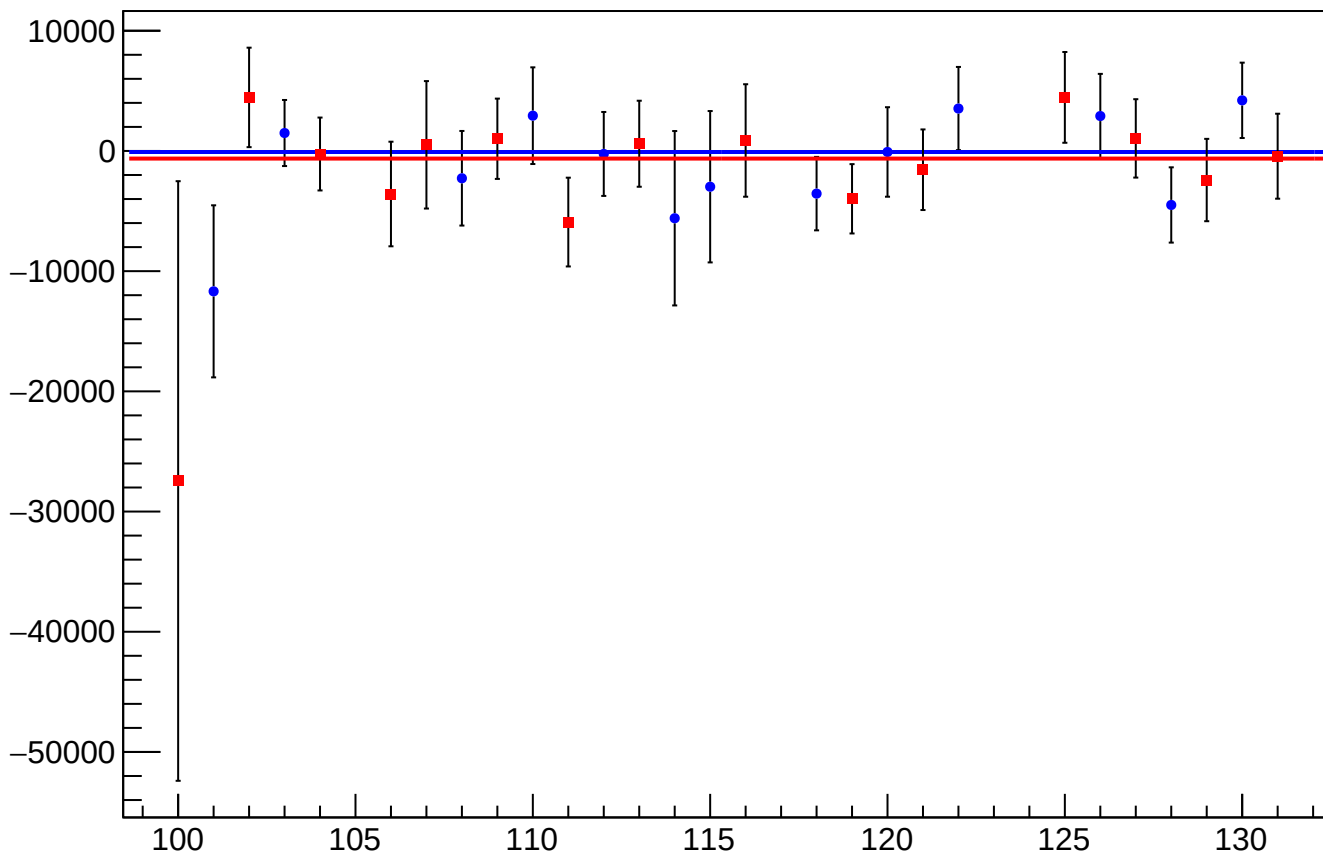
Right: 0.000+/-0.000 χ^2/NDF : 9600310.5/27

In: 0.000+/-0.000 χ^2/NDF : 4594191.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9600310.5/27

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -87.106 $\pm$ 1024.698 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -634.502 $\pm$ 961.112 χ^2 /NDF: 9.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

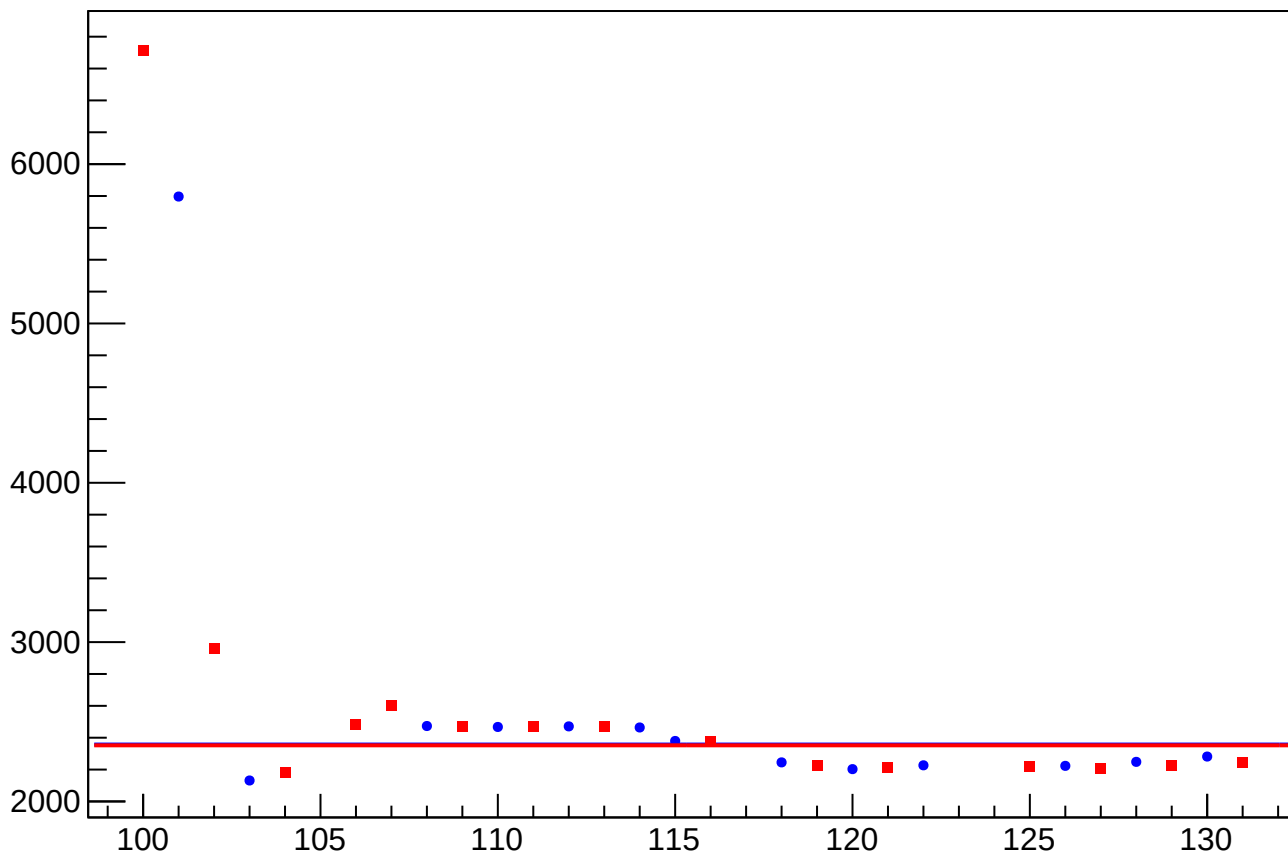
Right: -378.314 $\pm$ 701.011 χ^2 /NDF: 21.2/27

In: -87.106 $\pm$ 1024.698 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -378.314 $\pm$ 701.011 χ^2 /NDF: 21.2/27

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2357.008+/-0.725 χ^2/NDF : 496554.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2352.222+/-0.680 χ^2/NDF : 141454.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

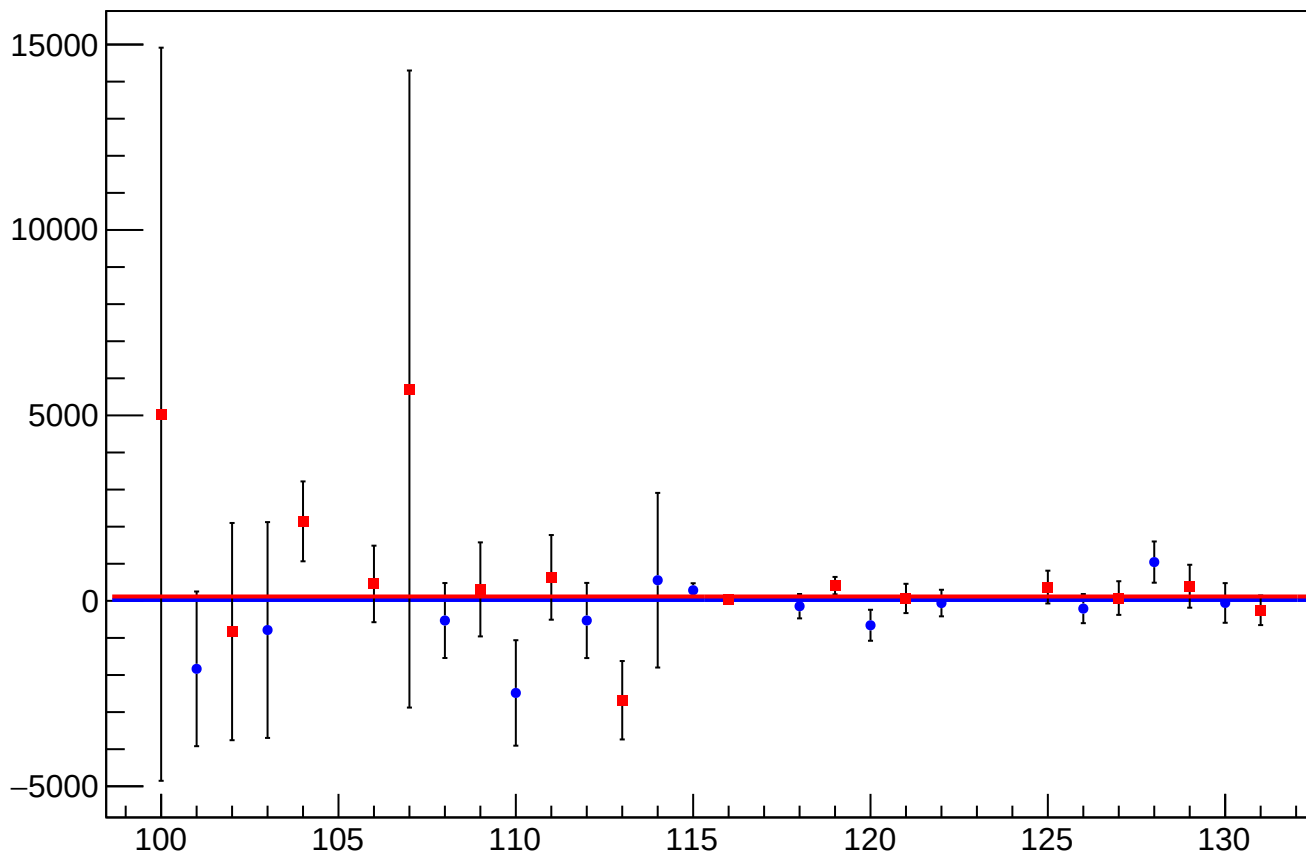
Right: 2354.462+/-0.496 χ^2/NDF : 638032.5/27

In: 2357.008+/-0.725 χ^2/NDF : 496554.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.462+/-0.496 χ^2/NDF : 638032.5/27

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 23.362+/-122.195 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.227+/-94.634 χ^2/NDF : 15.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

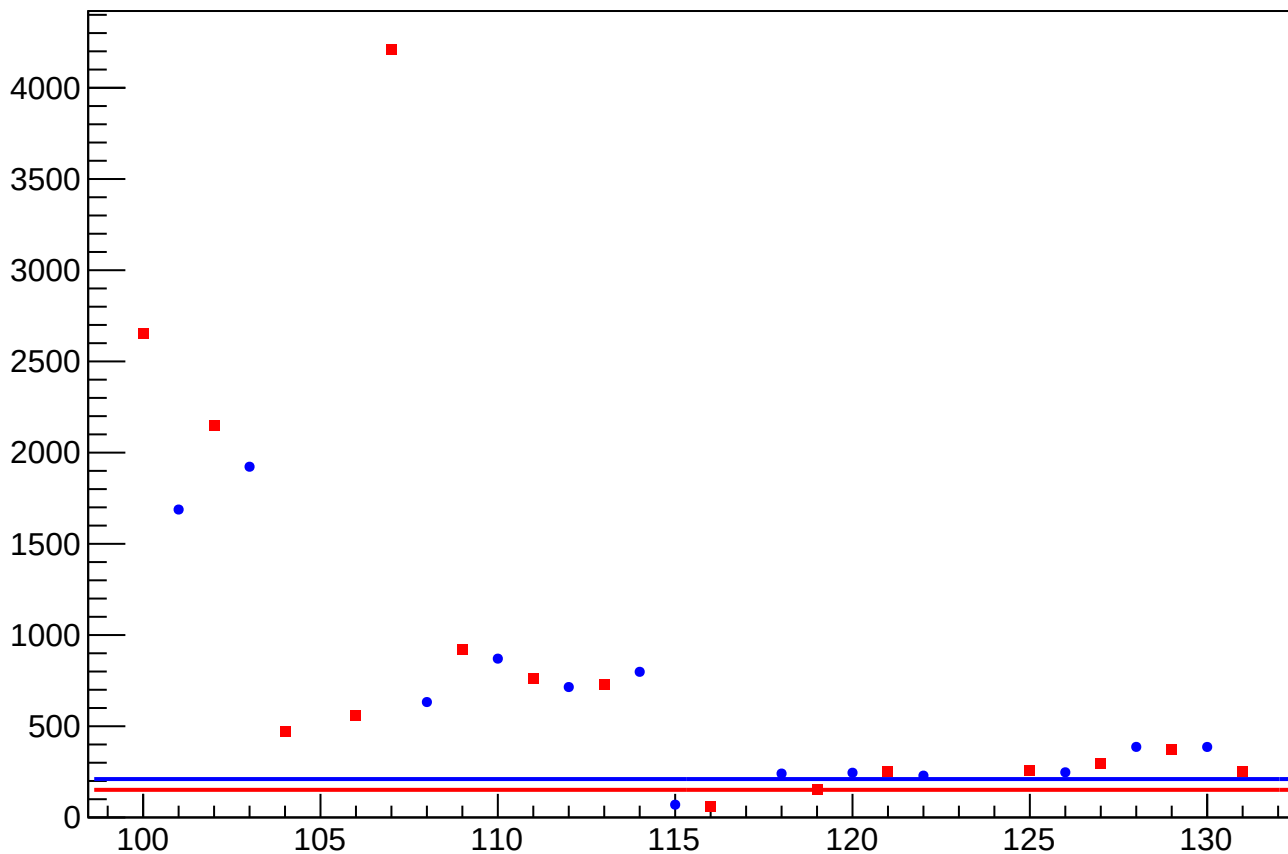
Right: 82.036+/-74.820 χ^2/NDF : 28.7/27

In: 23.362+/-122.195 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.036+/-74.820 χ^2/NDF : 28.7/27

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 210.478+/-0.086 χ^2/NDF : 4672484.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.379+/-0.067 χ^2/NDF : 5804260.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

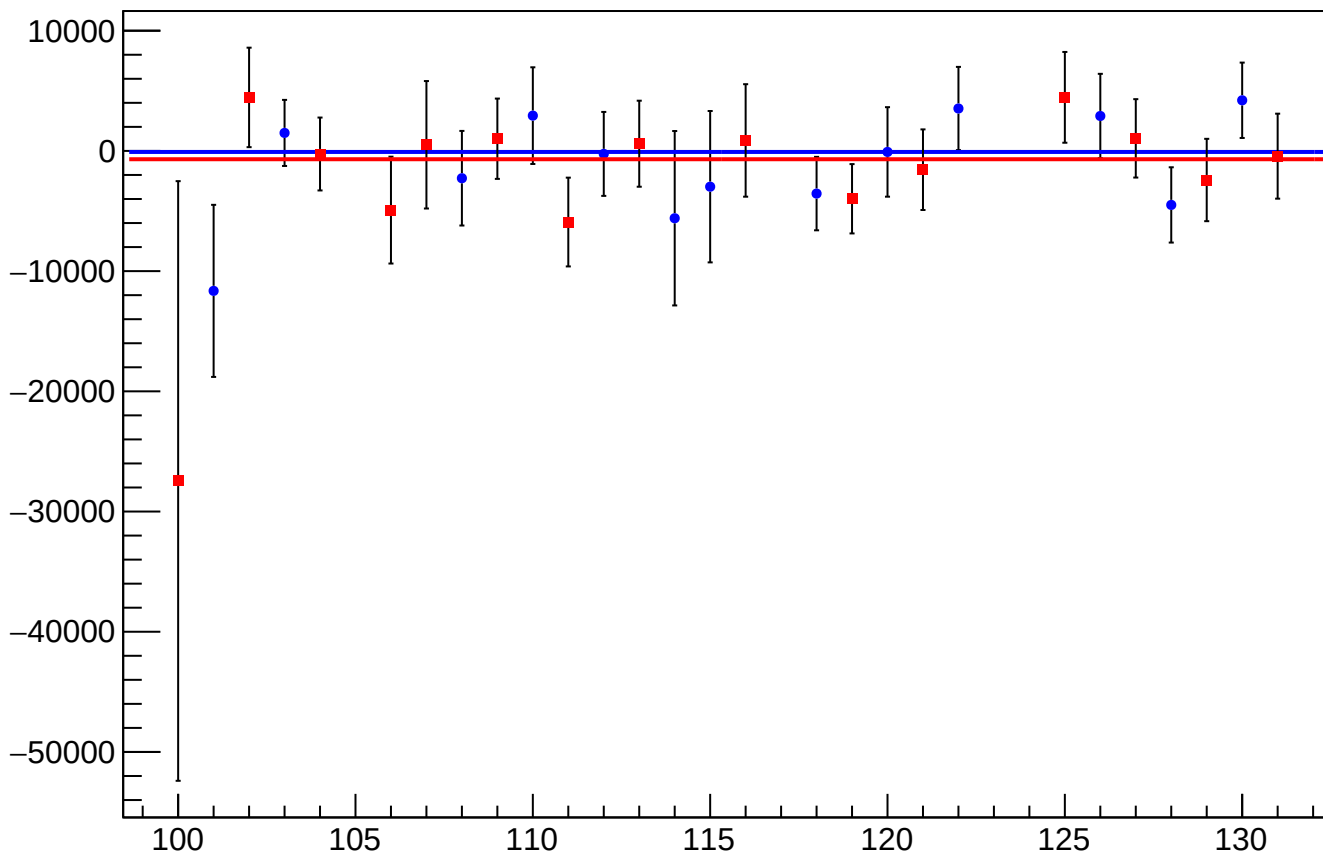
Right: 173.536+/-0.053 χ^2/NDF : 10769176.0/27

In: 210.478+/-0.086 χ^2/NDF : 4672484.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.536+/-0.053 χ^2/NDF : 10769176.0/27

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -85.764+/-1024.698 χ^2 /NDF: 11.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -692.184+/-962.087 χ^2 /NDF: 10.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

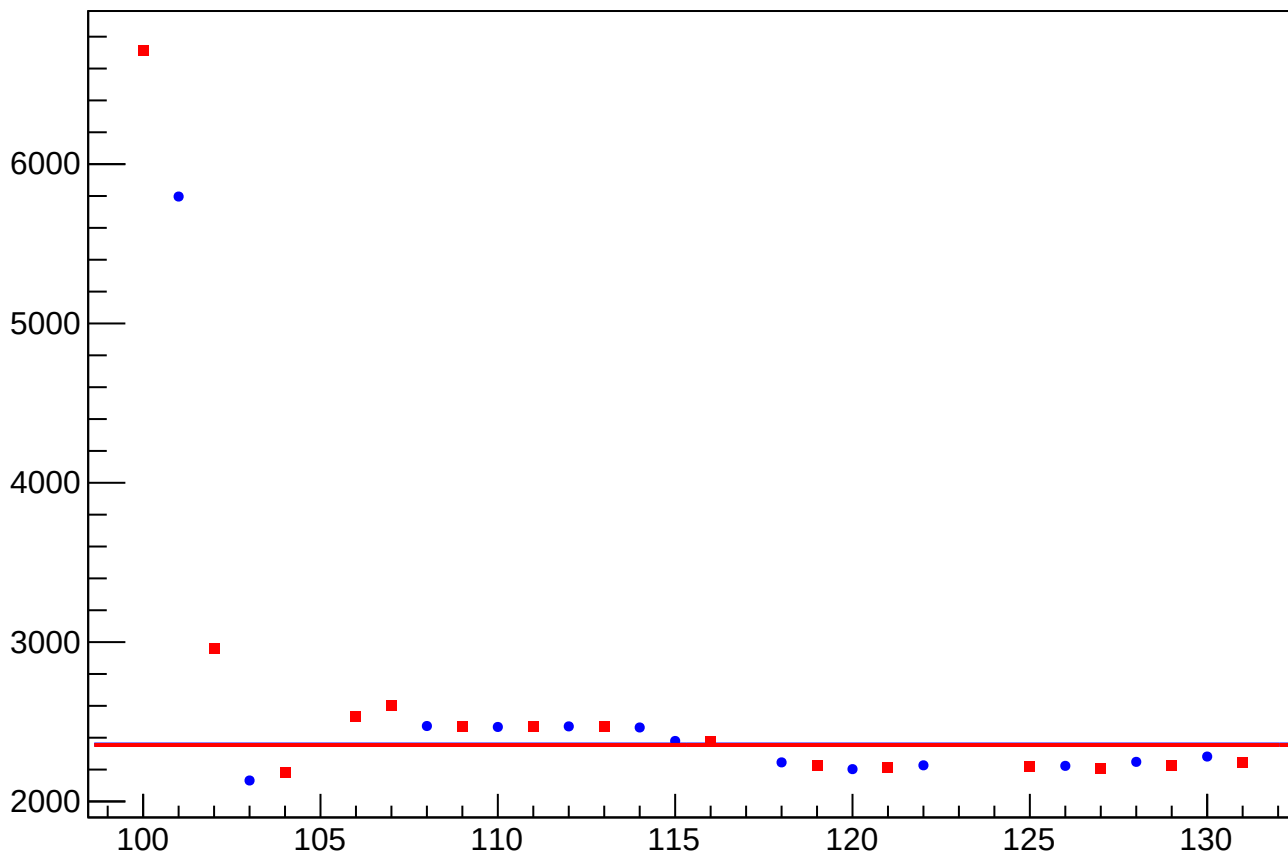
Right: -408.066+/-701.389 χ^2 /NDF: 21.7/27

In: -85.764+/-1024.698 χ^2 /NDF:11.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -408.066+/-701.389 χ^2 /NDF: 21.7/27

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2354.332+/-0.680 χ^2/NDF : 142980.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

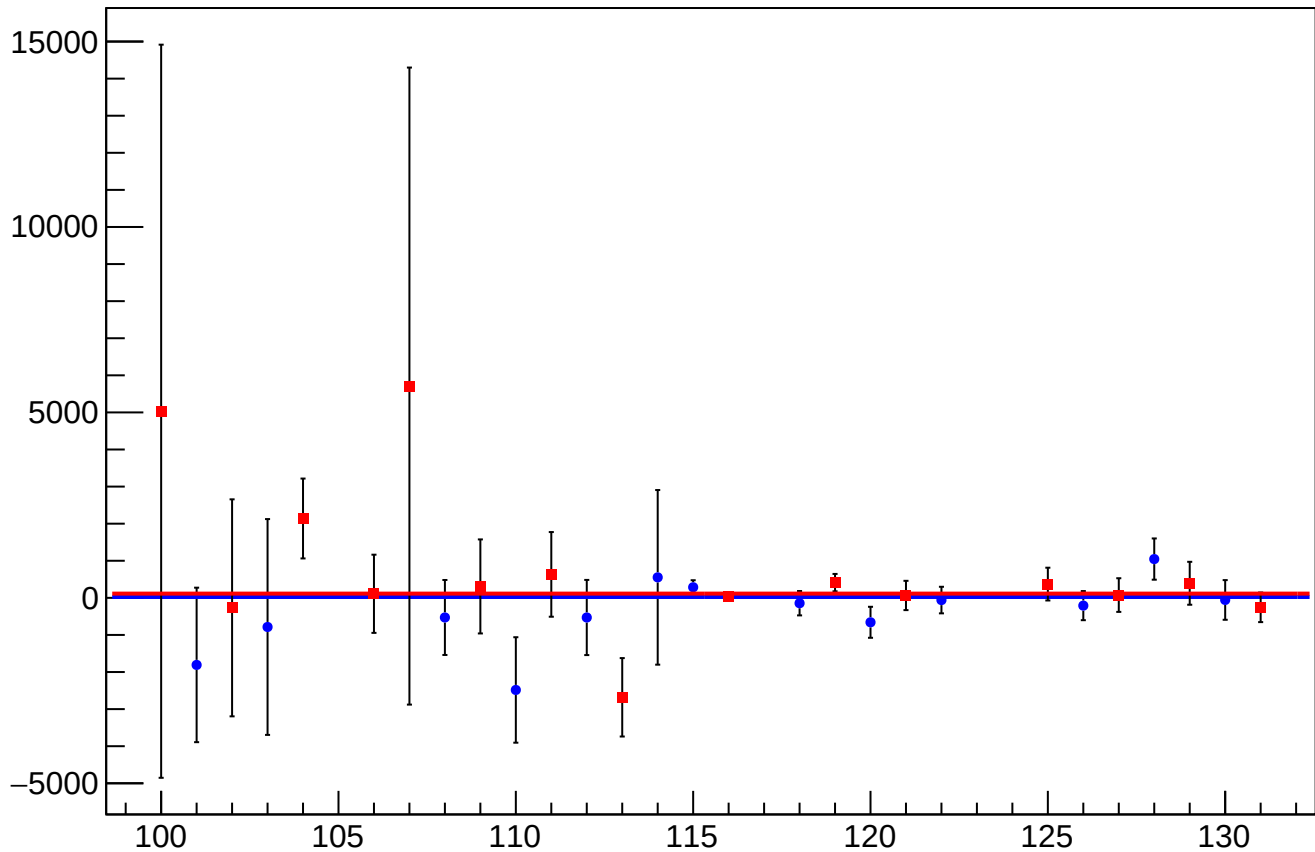
Right: 2355.586+/-0.496 χ^2/NDF : 639543.4/27

In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.586+/-0.496 χ^2/NDF : 639543.4/27

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.198+/-94.536 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

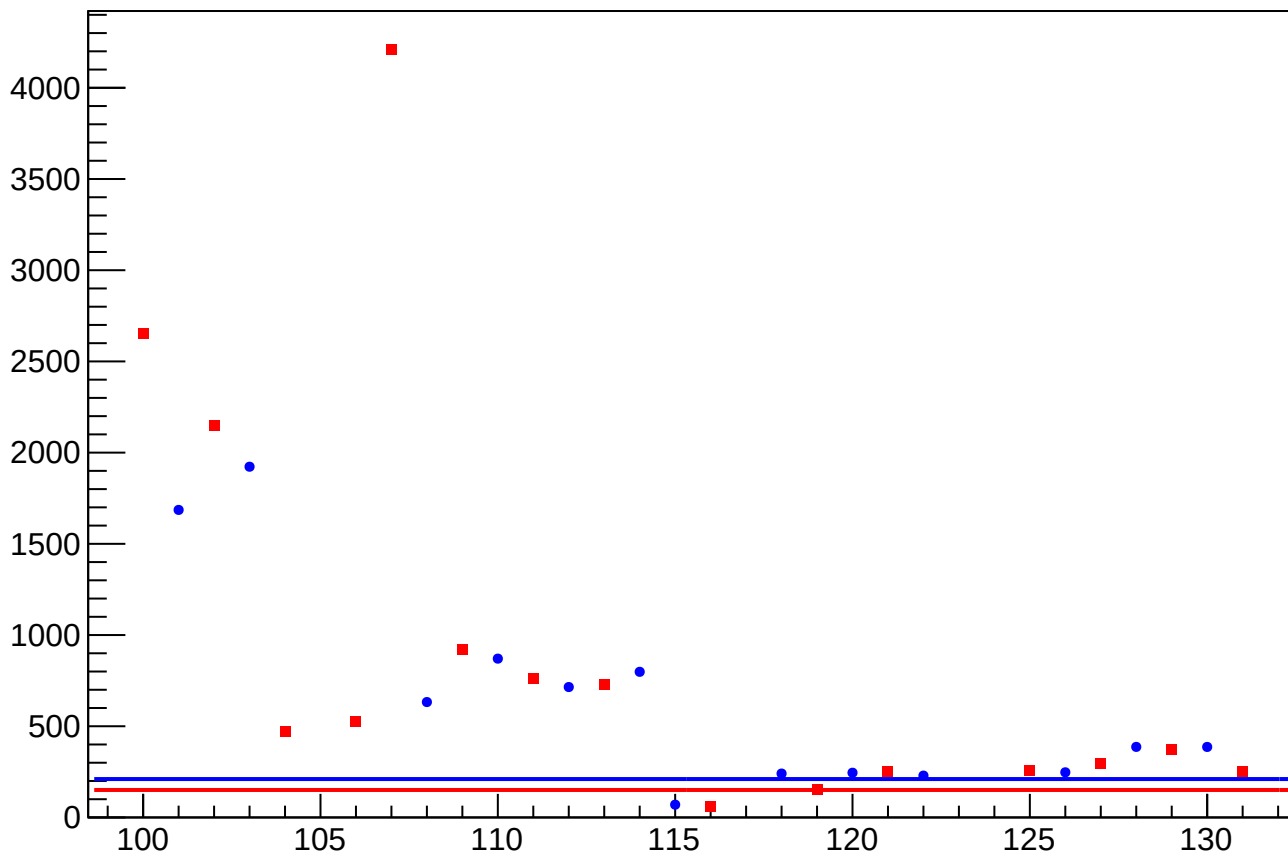
Right: 80.245+/-74.776 χ^2/NDF : 28.5/27

In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.245+/-74.776 χ^2/NDF : 28.5/27

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.647+/-0.067 χ^2/NDF : 5757539.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

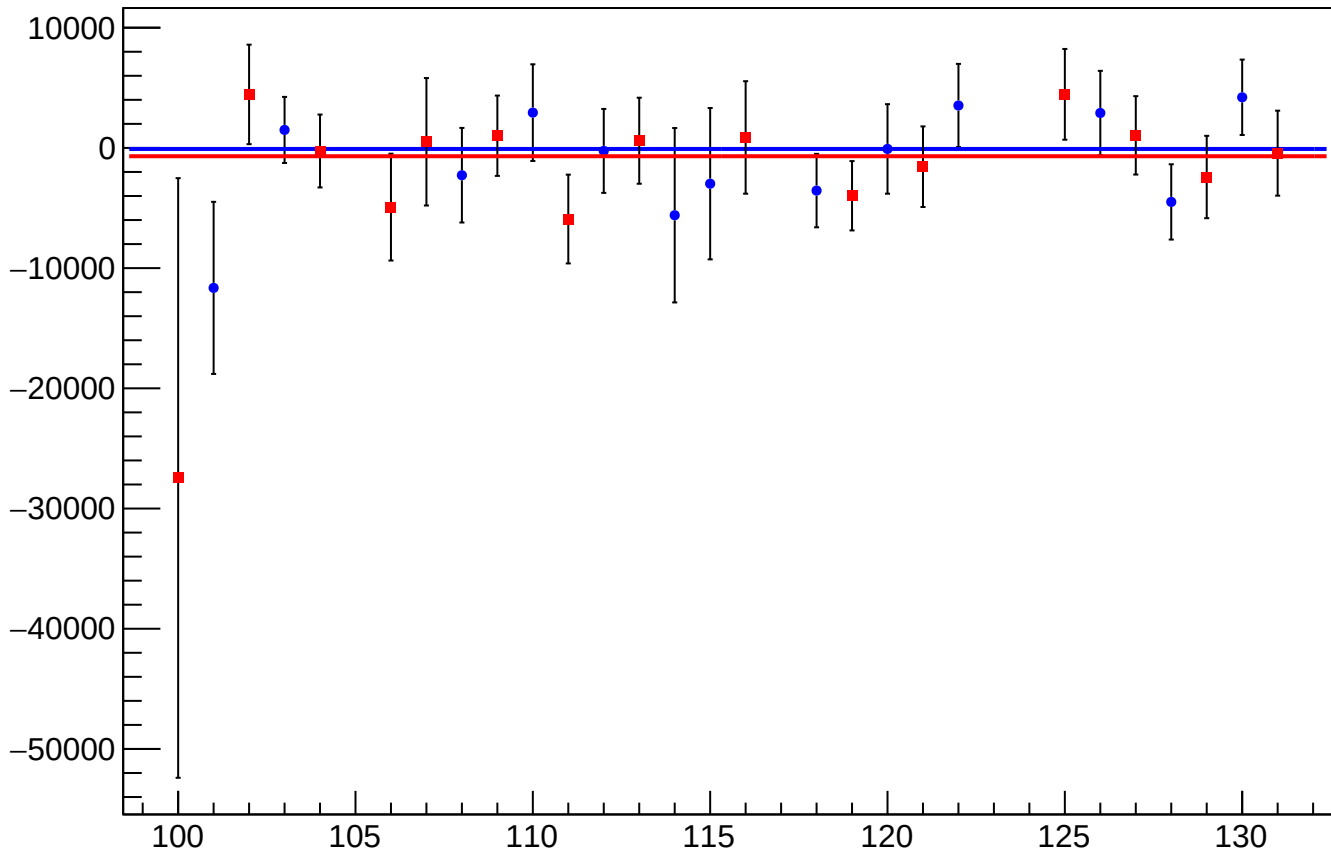
Right: 173.069+/-0.053 χ^2/NDF : 10729004.5/27

In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.069+/-0.053 χ^2/NDF : 10729004.5/27

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -85.764 ± 1024.698 χ^2/NDF : 11.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -692.184 ± 962.087 χ^2/NDF : 10.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

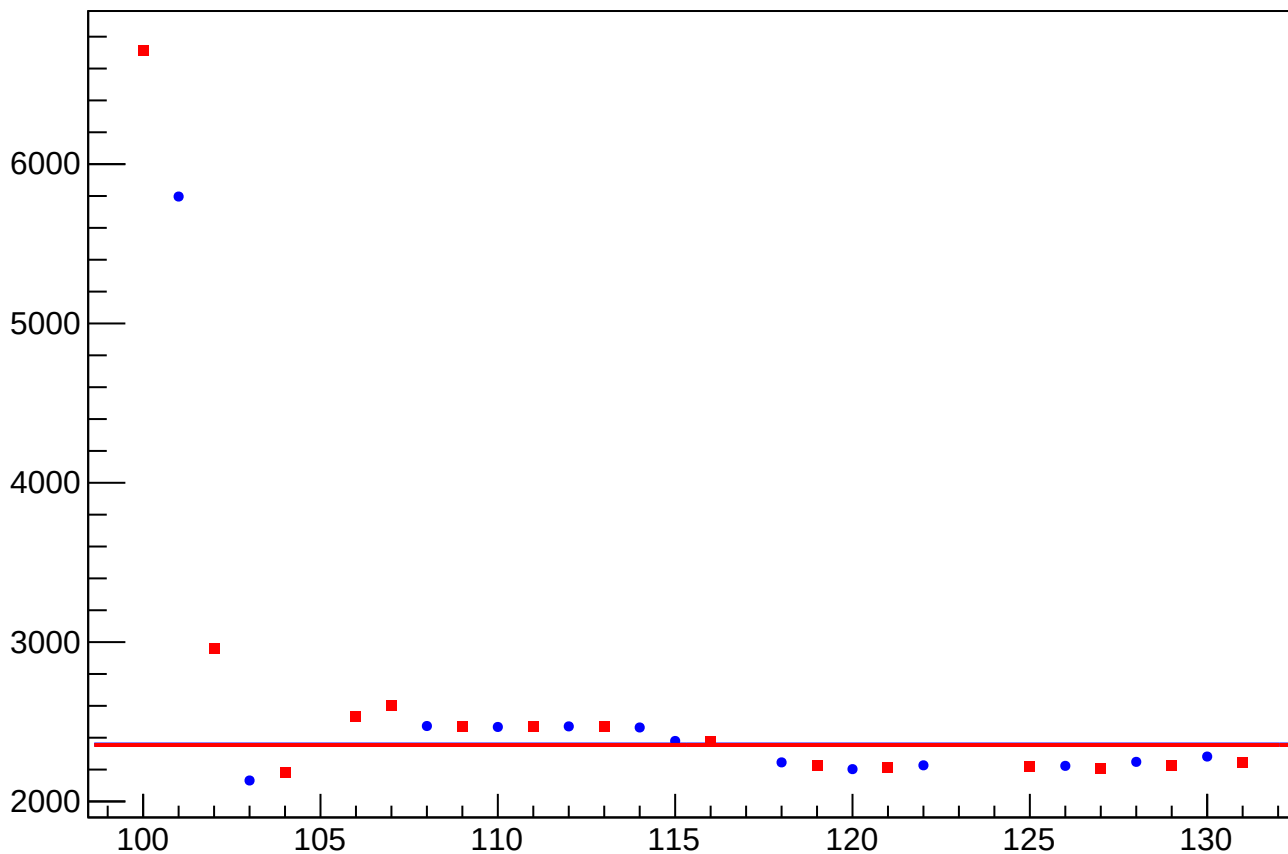
Right: -408.066 ± 701.389 χ^2/NDF : 21.7/27

In: -85.764 ± 1024.698 χ^2/NDF : 11.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -408.066 ± 701.389 χ^2/NDF : 21.7/27

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2354.332+/-0.680 χ^2/NDF : 142980.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

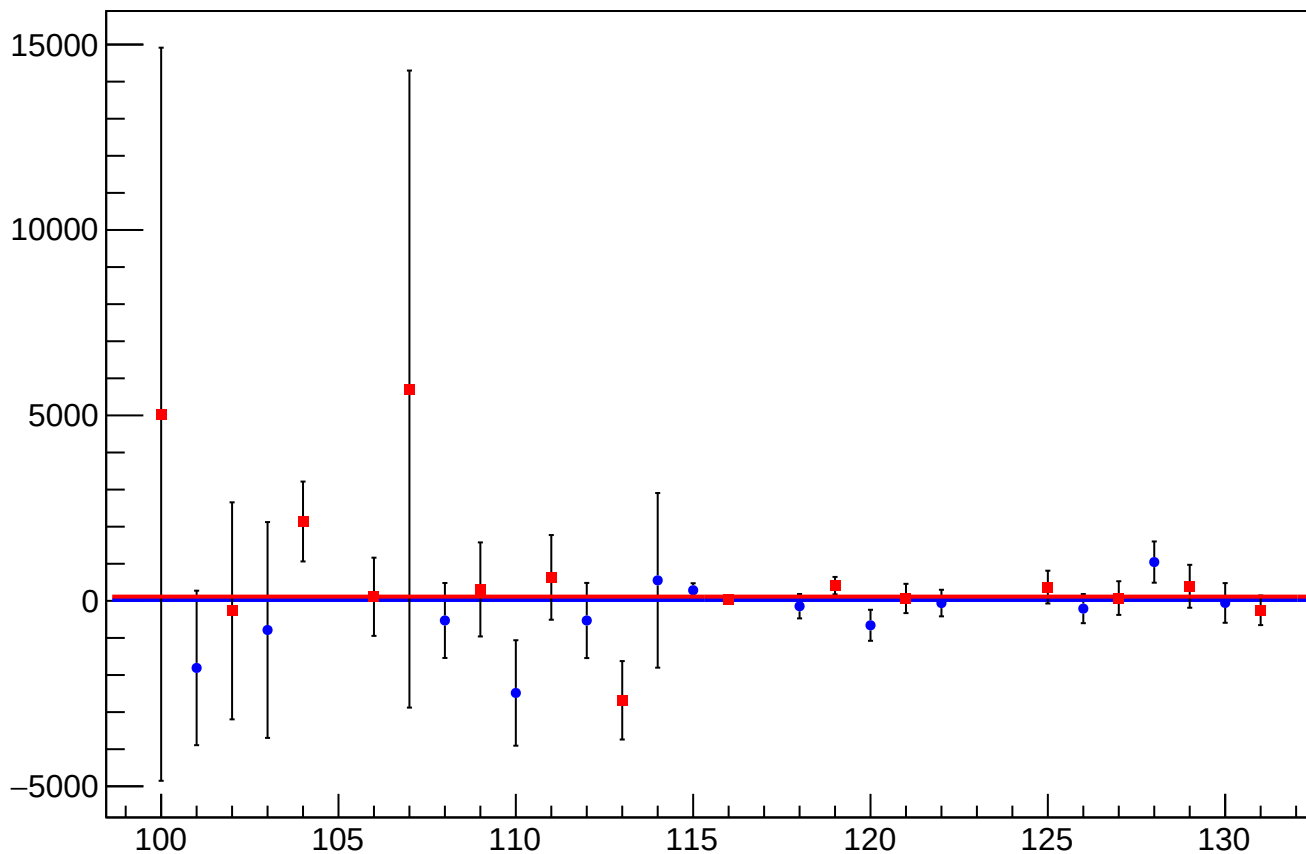
Right: 2355.586+/-0.496 χ^2/NDF : 639543.4/27

In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.586+/-0.496 χ^2/NDF : 639543.4/27

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.198+/-94.536 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

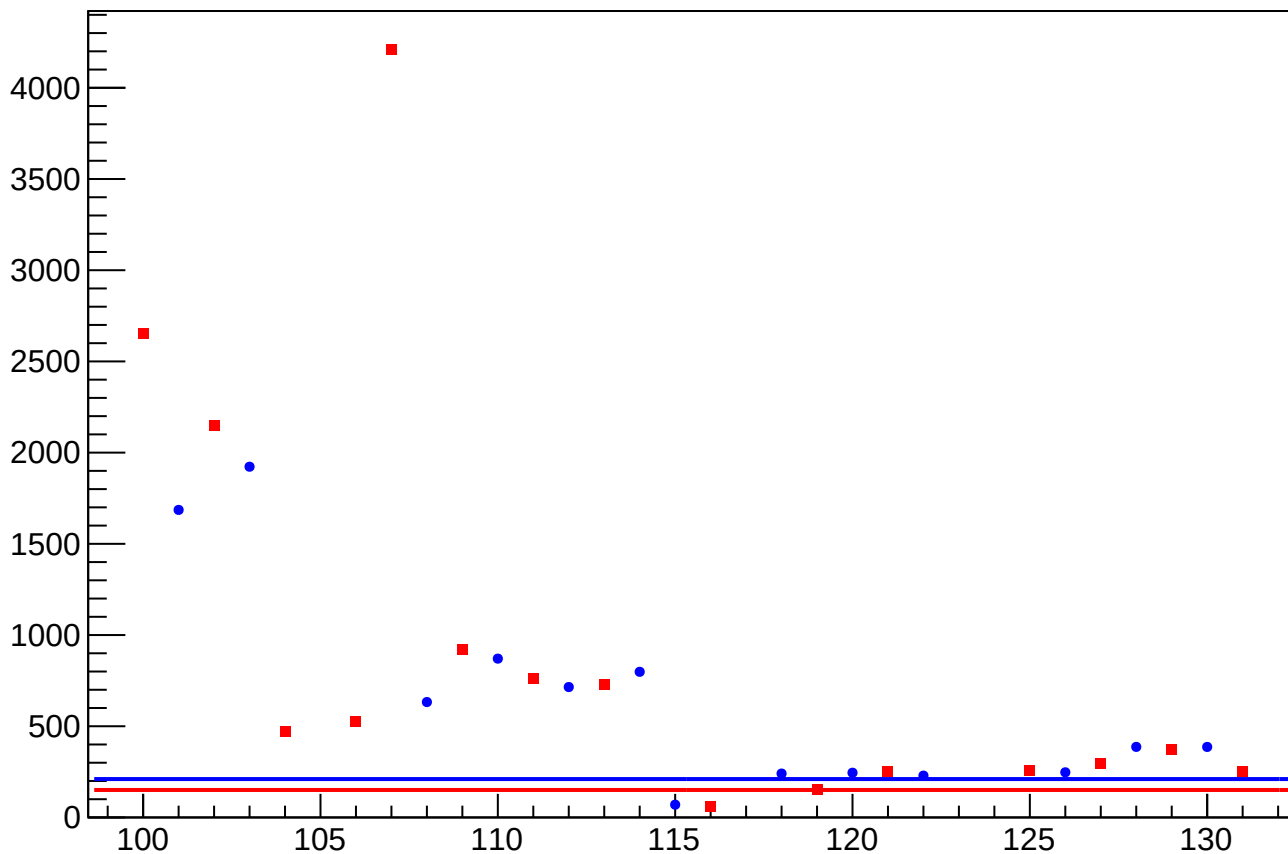
Right: 80.245+/-74.776 χ^2/NDF : 28.5/27

In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.245+/-74.776 χ^2/NDF : 28.5/27

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.647+/-0.067 χ^2/NDF : 5757539.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

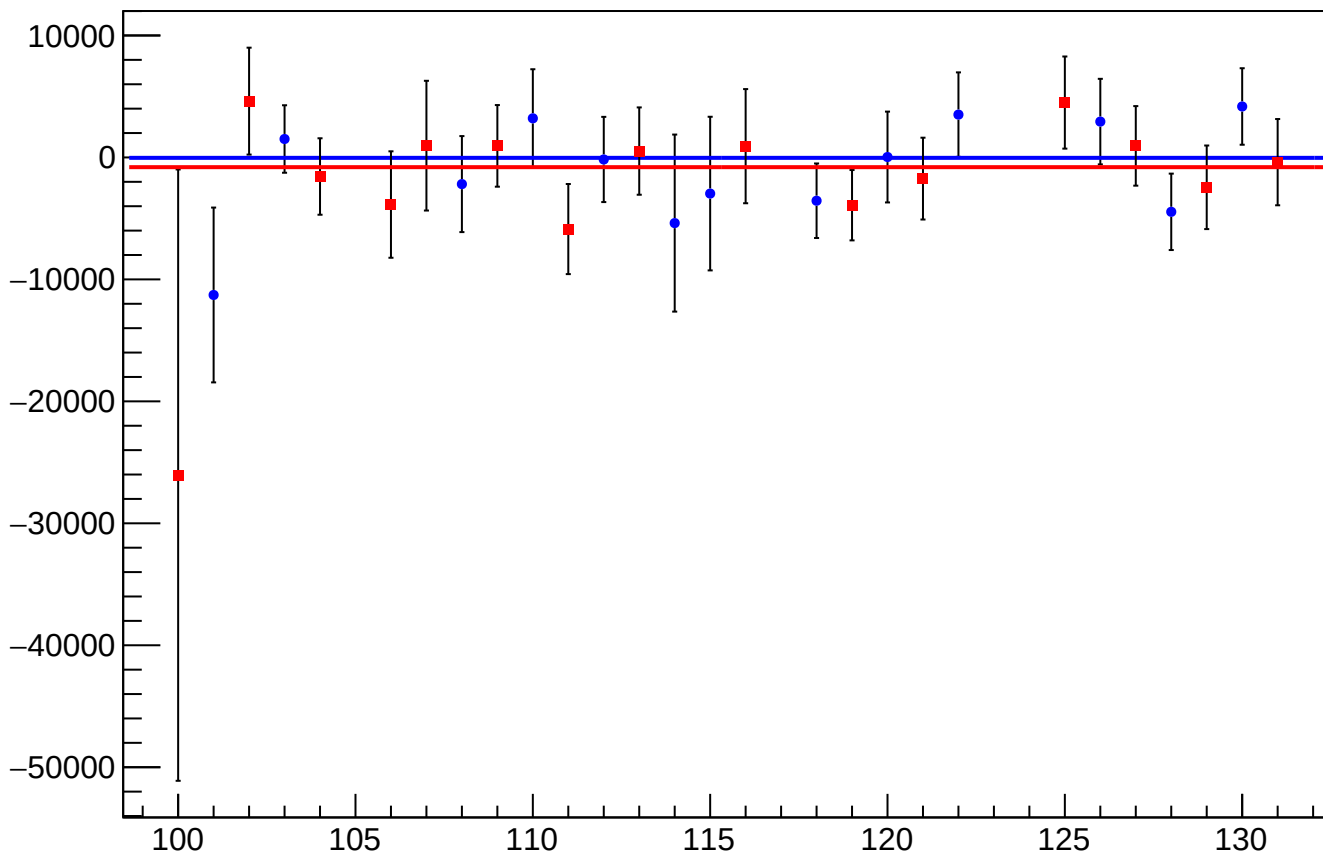
Right: 173.069+/-0.053 χ^2/NDF : 10729004.5/27

In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.069+/-0.053 χ^2/NDF : 10729004.5/27

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -33.585 $\pm$ 1025.986 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -798.157 $\pm$ 967.740 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

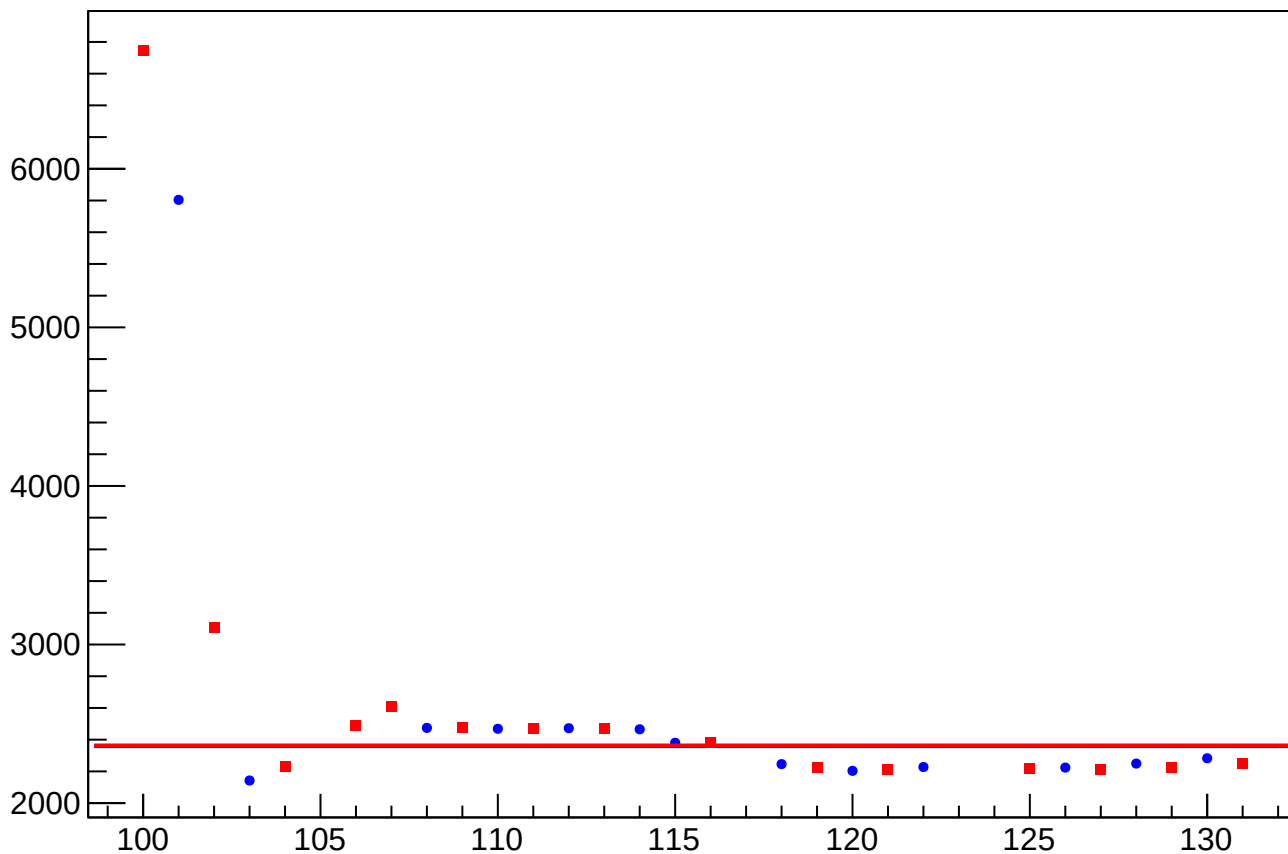
Right: -438.189 $\pm$ 703.987 χ^2 /NDF: 21.0/27

In: -33.585 $\pm$ 1025.986 χ^2 /NDF:11.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -438.189 $\pm$ 703.987 χ^2 /NDF: 21.0/27

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2359.675+/-0.725 χ^2/NDF : 495813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.279+/-0.684 χ^2/NDF : 155680.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

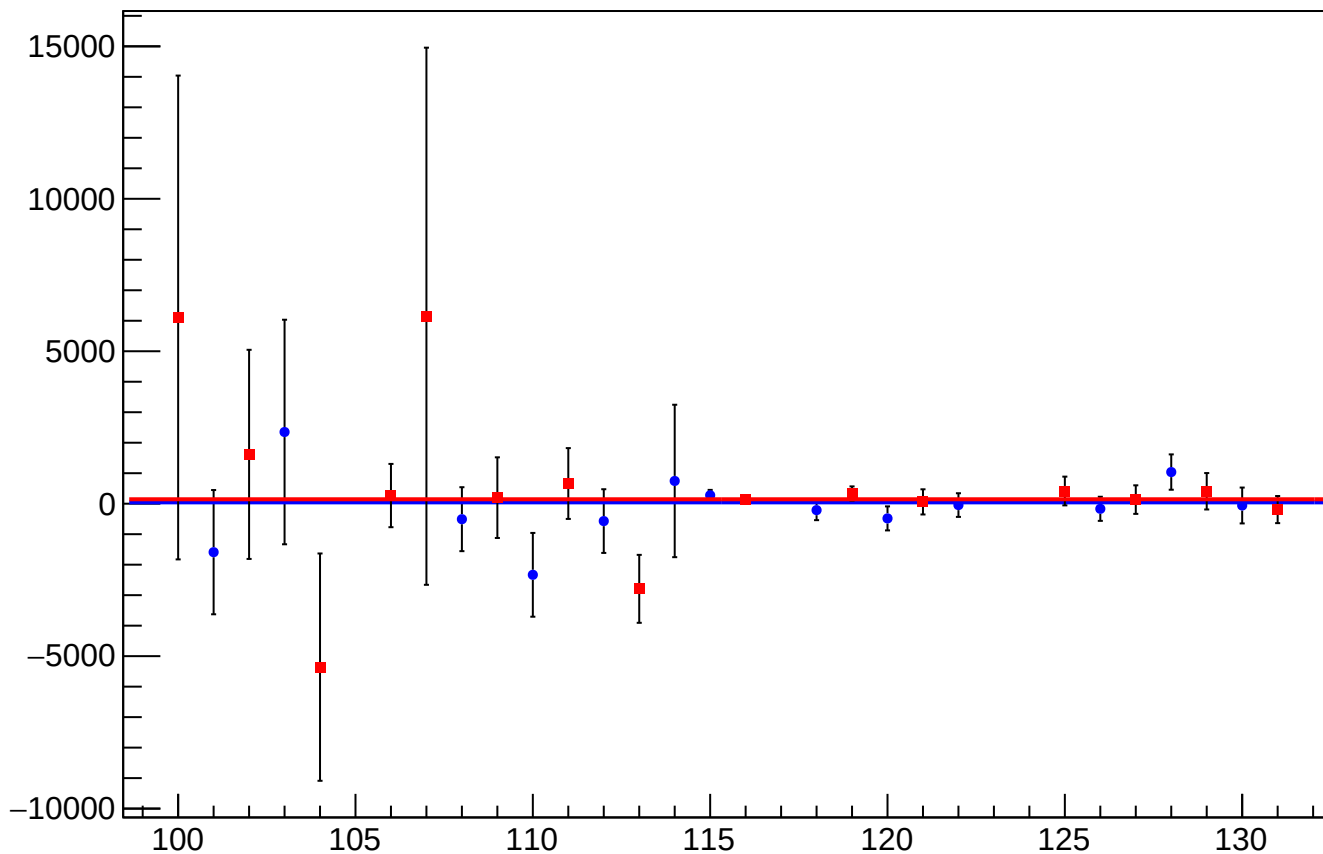
Right: 2361.582+/-0.498 χ^2/NDF : 651507.2/27

In: 2359.675+/-0.725 χ^2/NDF : 495813.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2361.582+/-0.498 χ^2/NDF : 651507.2/27

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 43.789+/-119.985 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.277+/-98.701 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

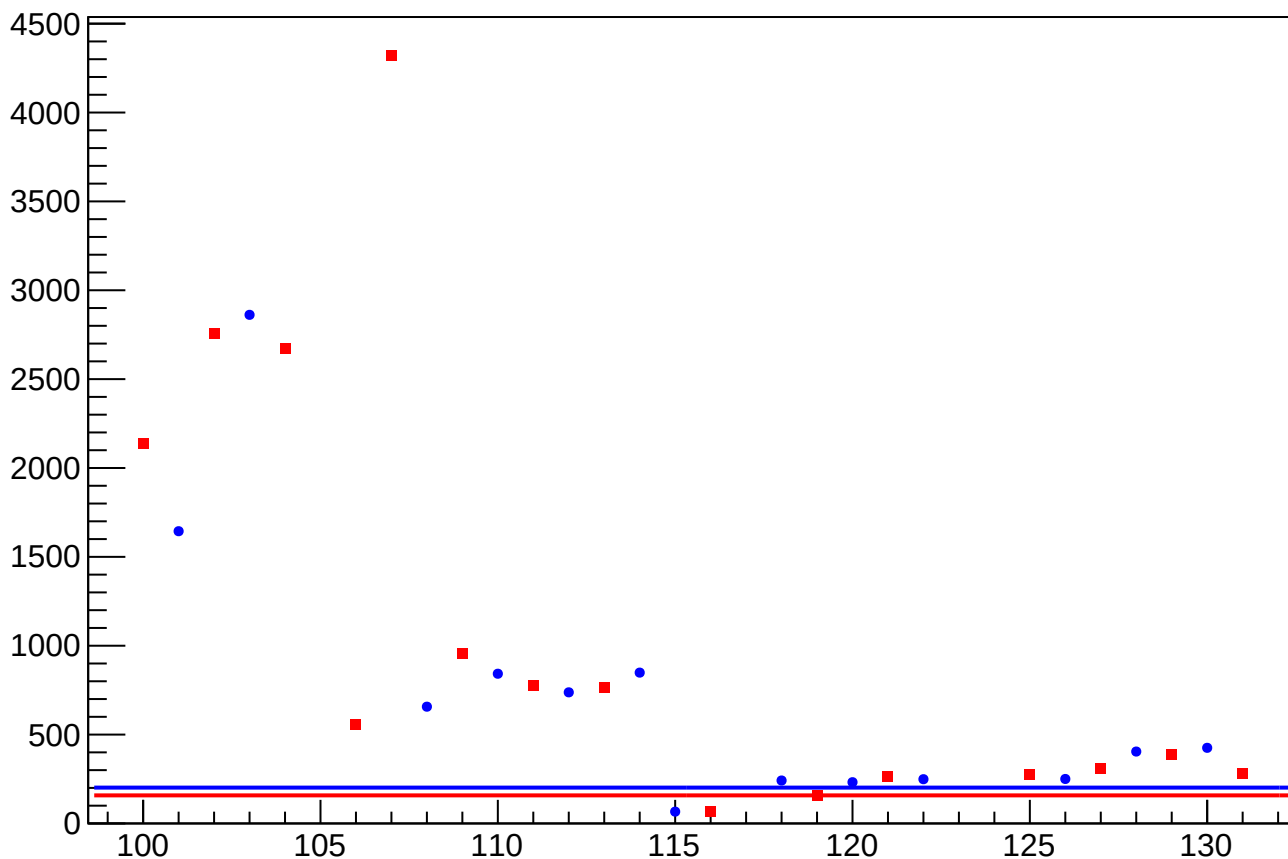
Right: 104.318+/-76.225 χ^2/NDF : 25.0/27

In: 43.789+/-119.985 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.318+/-76.225 χ^2/NDF : 25.0/27

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 201.690+/-0.085 χ^2/NDF : 5327163.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.983+/-0.070 χ^2/NDF : 6711869.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

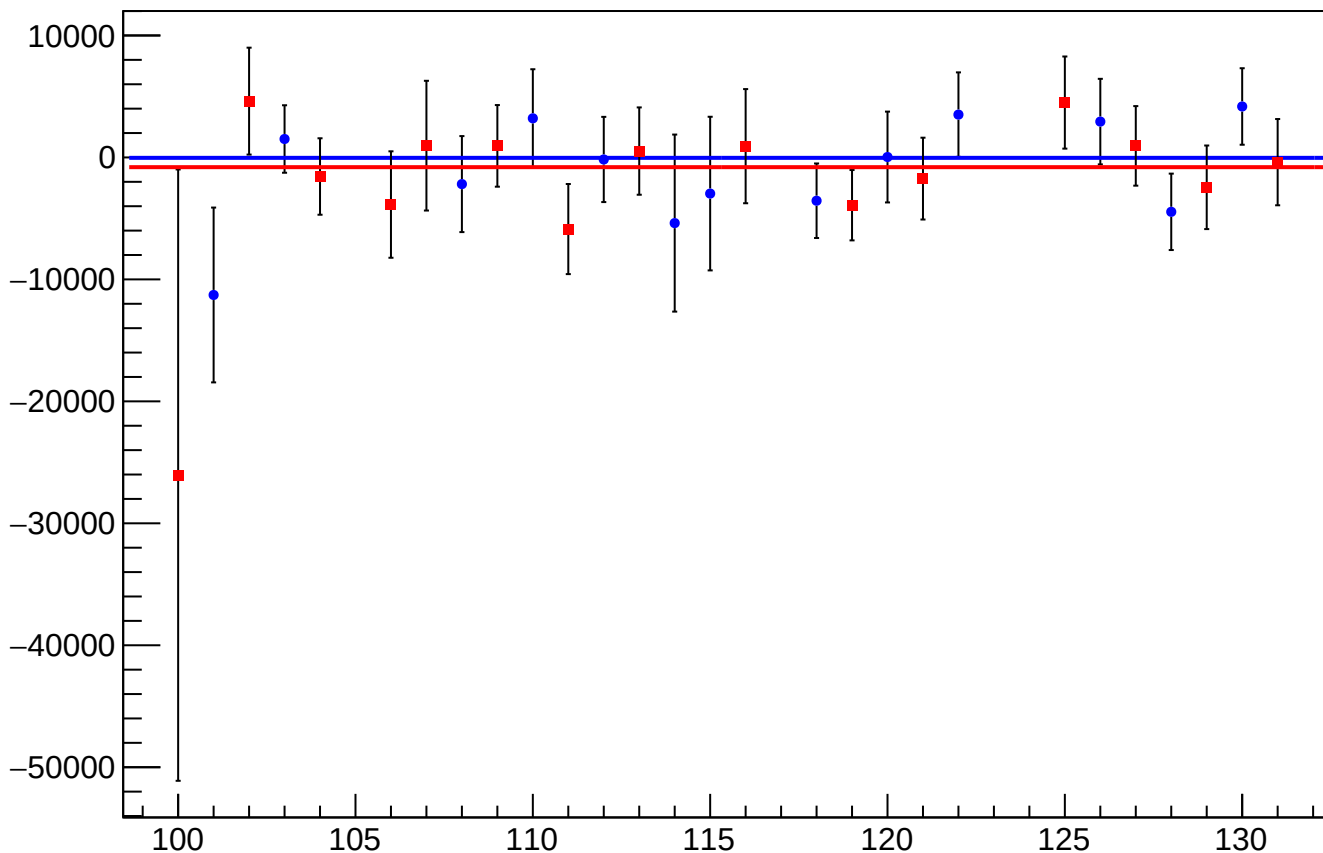
Right: 175.623+/-0.054 χ^2/NDF : 12197313.6/27

In: 201.690+/-0.085 χ^2/NDF : 5327163.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.623+/-0.054 χ^2/NDF : 12197313.6/27

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -33.588+/-1025.986 χ^2 /NDF: 11.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -798.160+/-967.739 χ^2 /NDF: 9.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

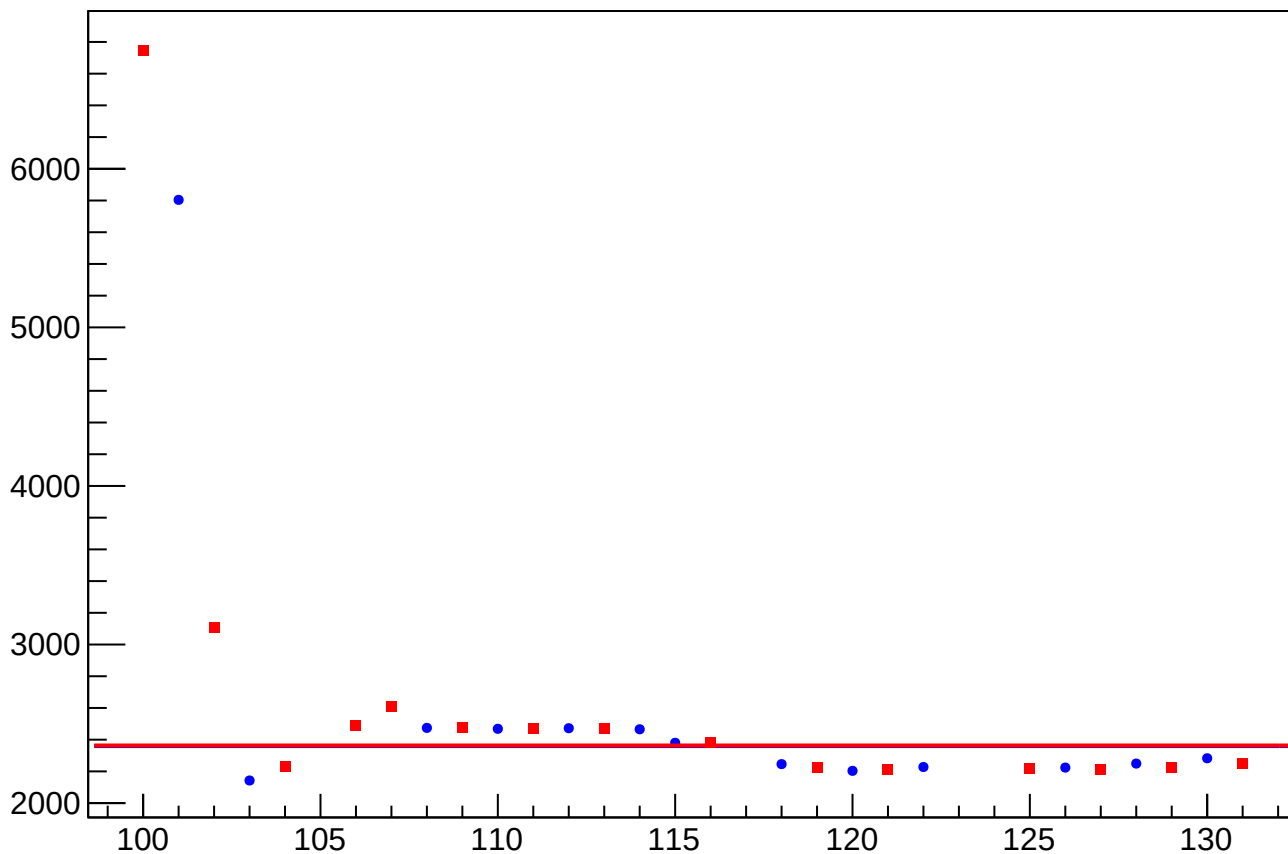
Right: -438.192+/-703.987 χ^2 /NDF: 21.0/27

In: -33.588+/-1025.986 χ^2 /NDF:11.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -438.192+/-703.987 χ^2 /NDF: 21.0/27

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2359.675+/-0.725 χ^2/NDF : 495813.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.279+/-0.684 χ^2/NDF : 155680.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

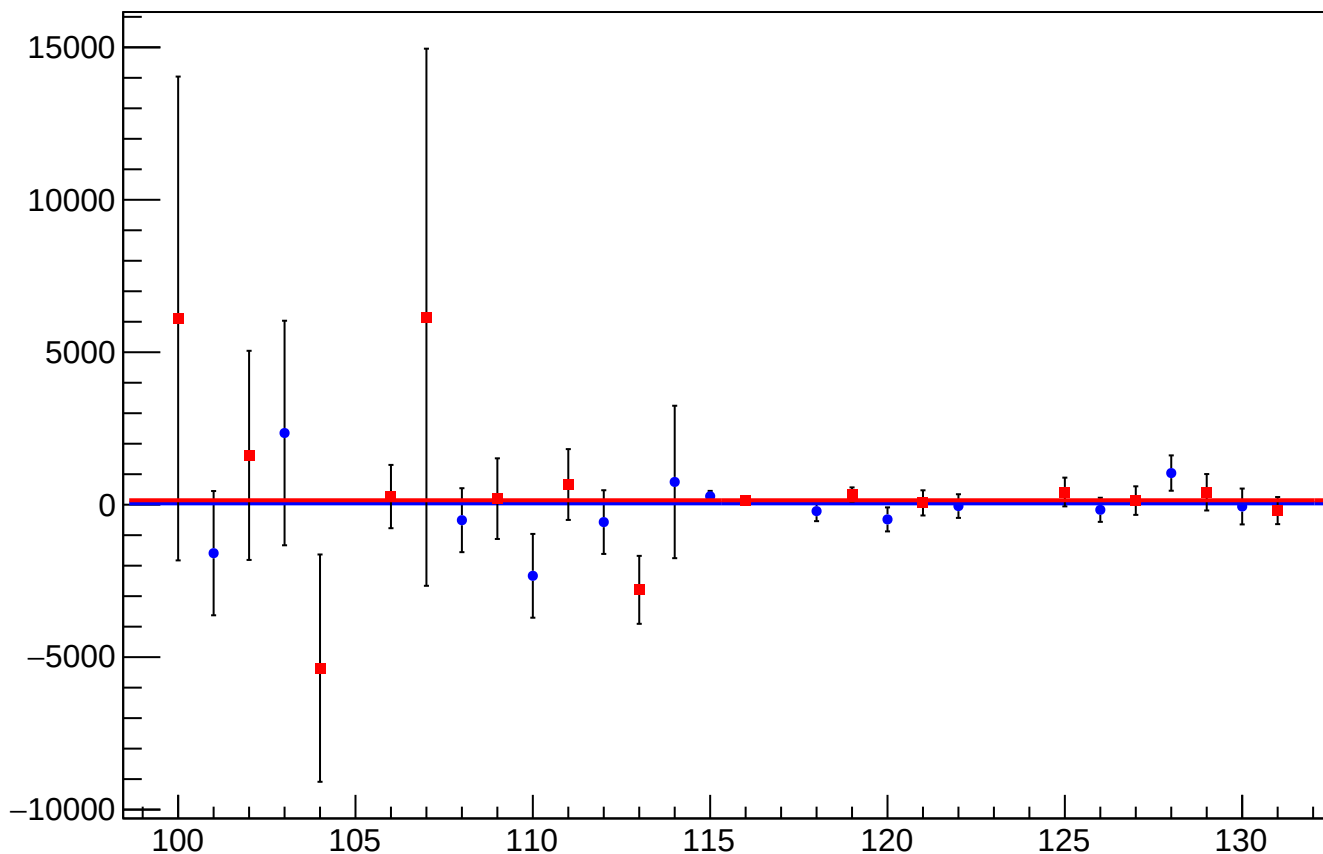
Right: 2361.582+/-0.498 χ^2/NDF : 651507.1/27

In: 2359.675+/-0.725 χ^2/NDF : 495813.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2361.582+/-0.498 χ^2/NDF : 651507.1/27

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 43.789+/-119.983 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.276+/-98.699 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

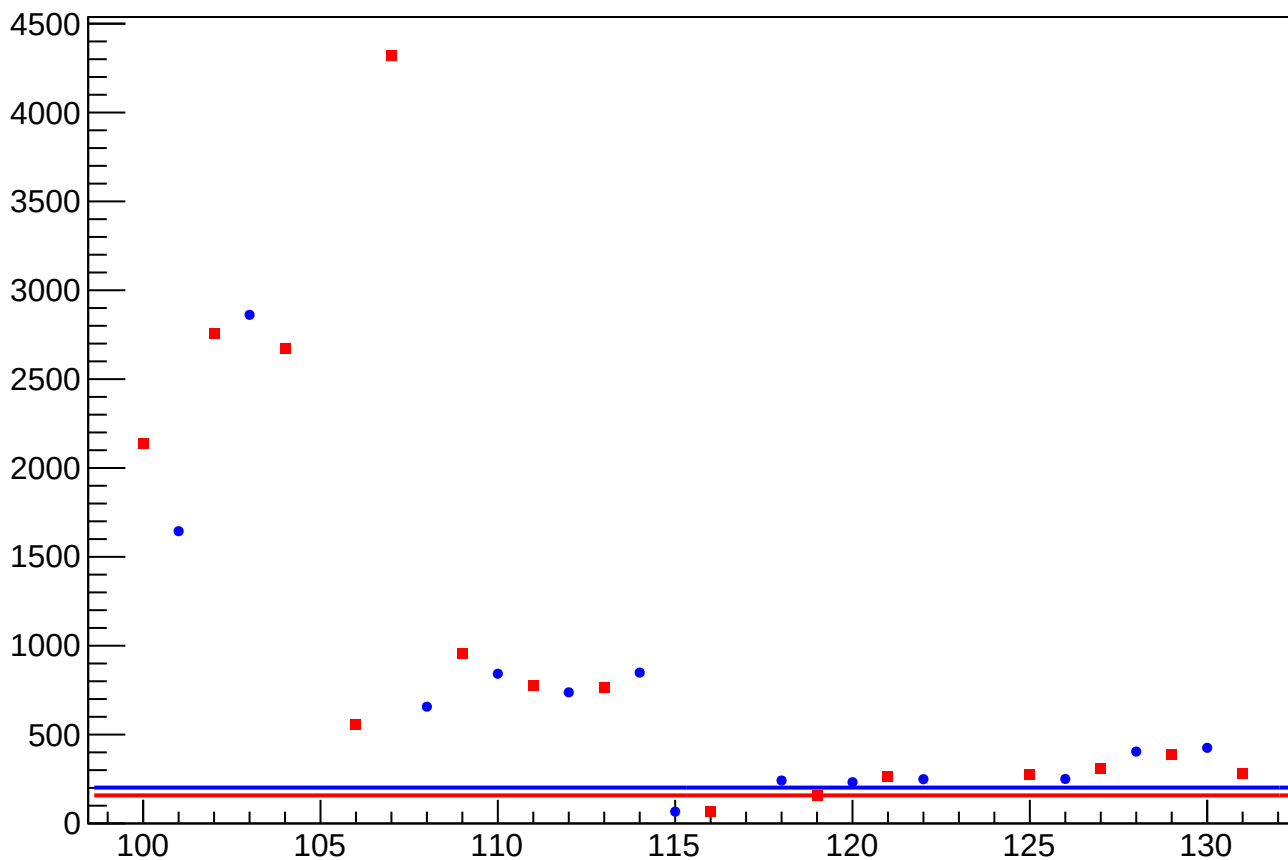
Right: 104.317+/-76.223 χ^2/NDF : 25.0/27

In: 43.789+/-119.983 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.317+/-76.223 χ^2/NDF : 25.0/27

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 201.686+/-0.085 χ^2/NDF : 5327222.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.980+/-0.070 χ^2/NDF : 6711924.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

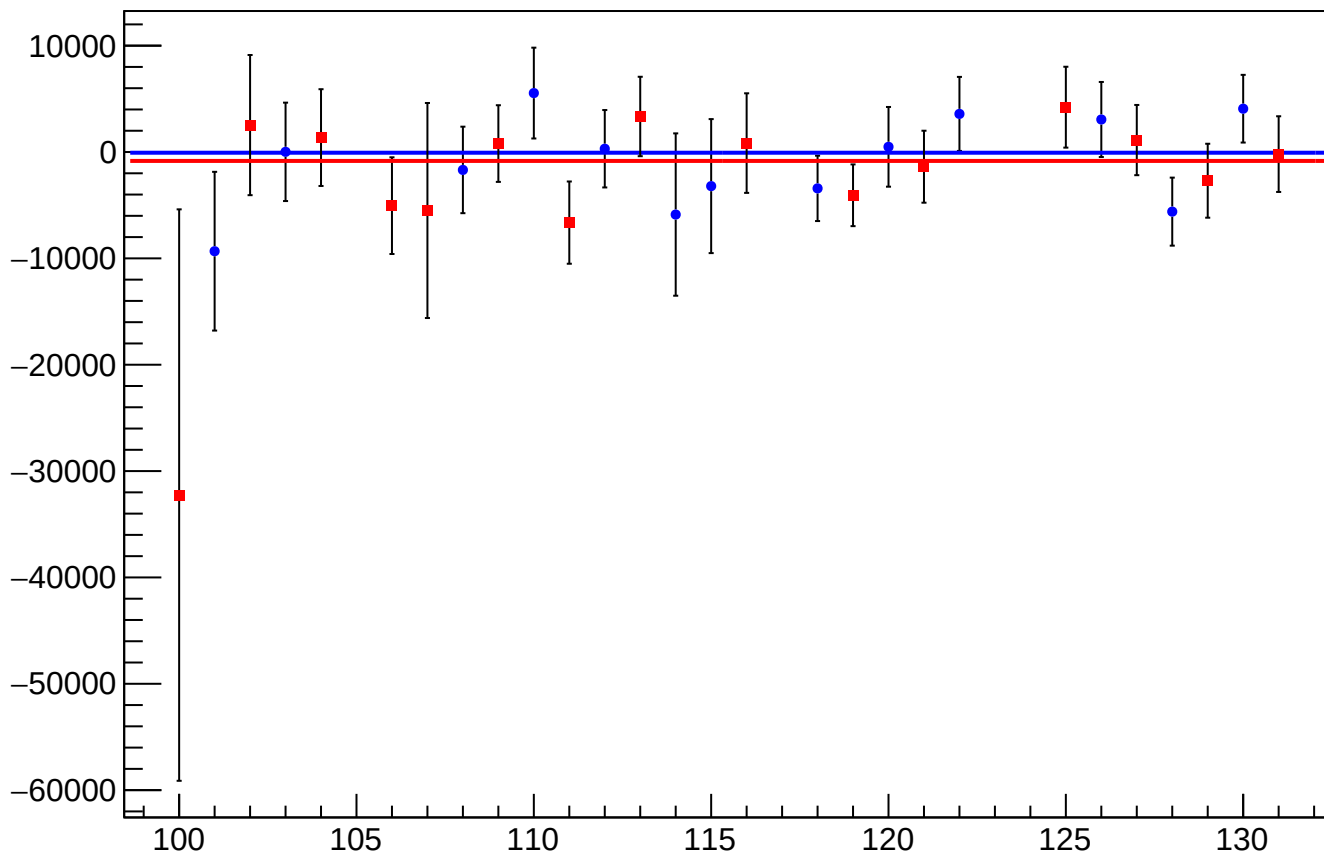
Right: 175.619+/-0.054 χ^2/NDF : 12197424.4/27

In: 201.686+/-0.085 χ^2/NDF : 5327222.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.619+/-0.054 χ^2/NDF : 12197424.4/27

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -65.895 $\pm$ 1094.821 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -837.694 $\pm$ 1042.123 χ^2 /NDF: 10.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

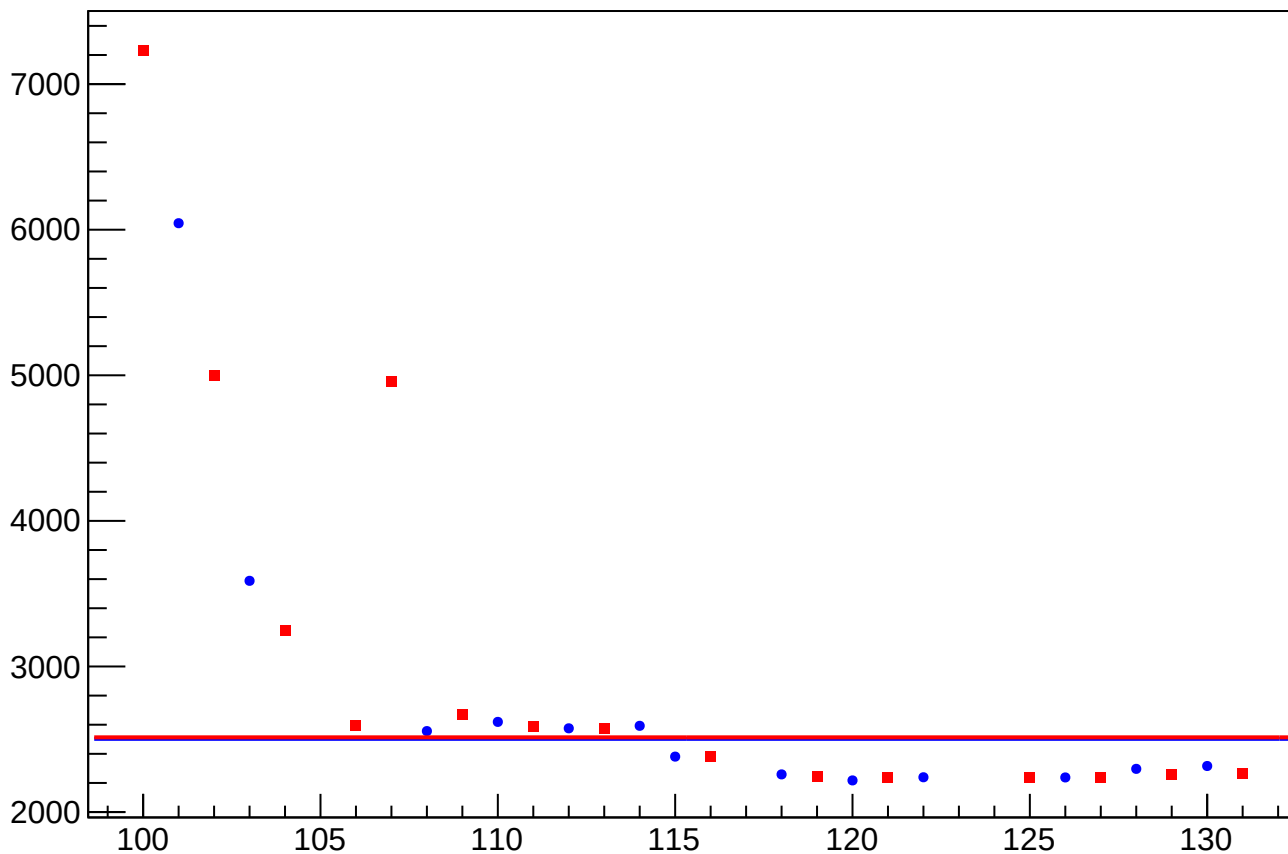
Right: -470.816 $\pm$ 754.835 χ^2 /NDF: 22.8/27

In: -65.895 $\pm$ 1094.821 χ^2 /NDF: 12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -470.816 $\pm$ 754.835 χ^2 /NDF: 22.8/27

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2502.968+/-0.774 χ^2/NDF : 626384.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2513.298+/-0.737 χ^2/NDF : 598967.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

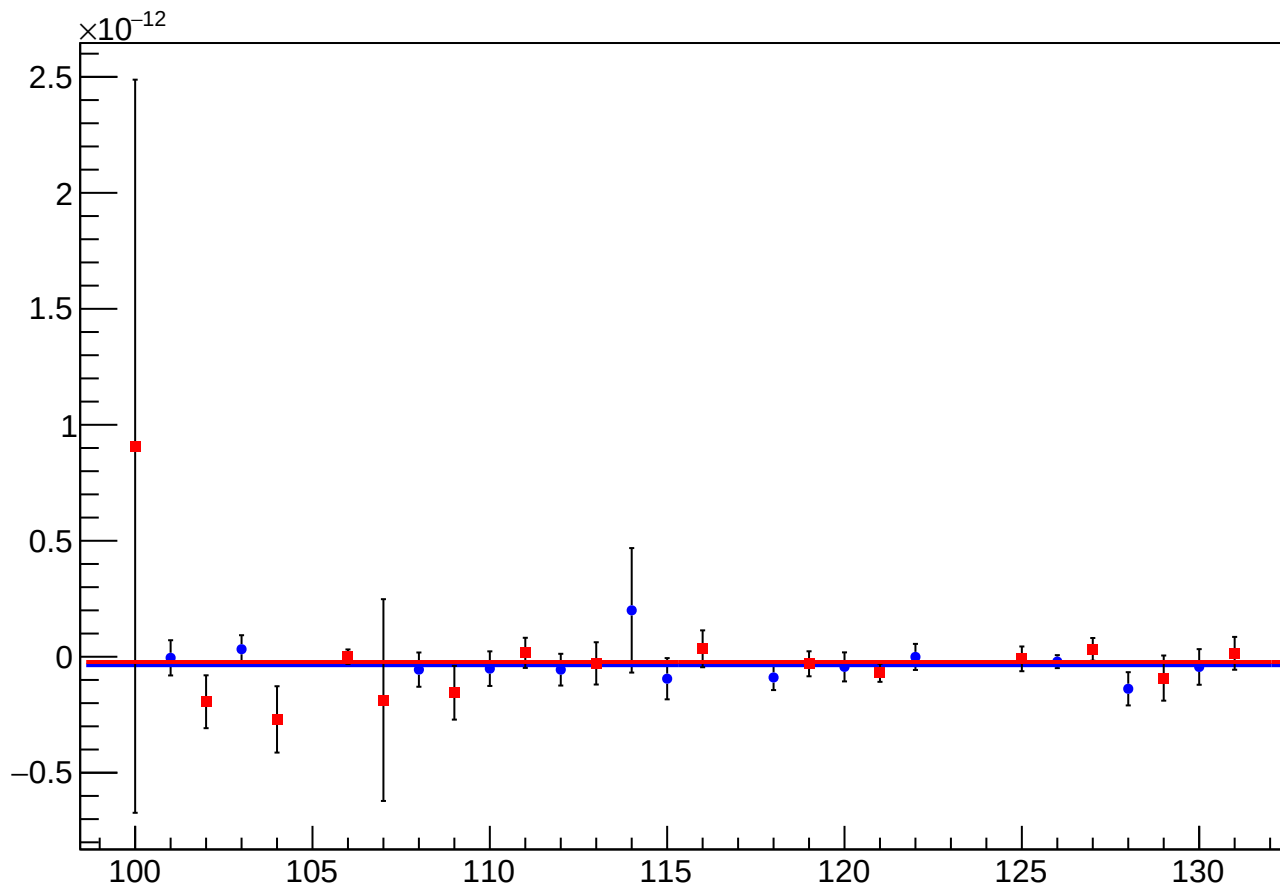
Right: 2508.387+/-0.534 χ^2/NDF : 1225445.0/27

In: 2502.968+/-0.774 χ^2/NDF :626384.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2508.387+/-0.534 χ^2/NDF : 1225445.0/27

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

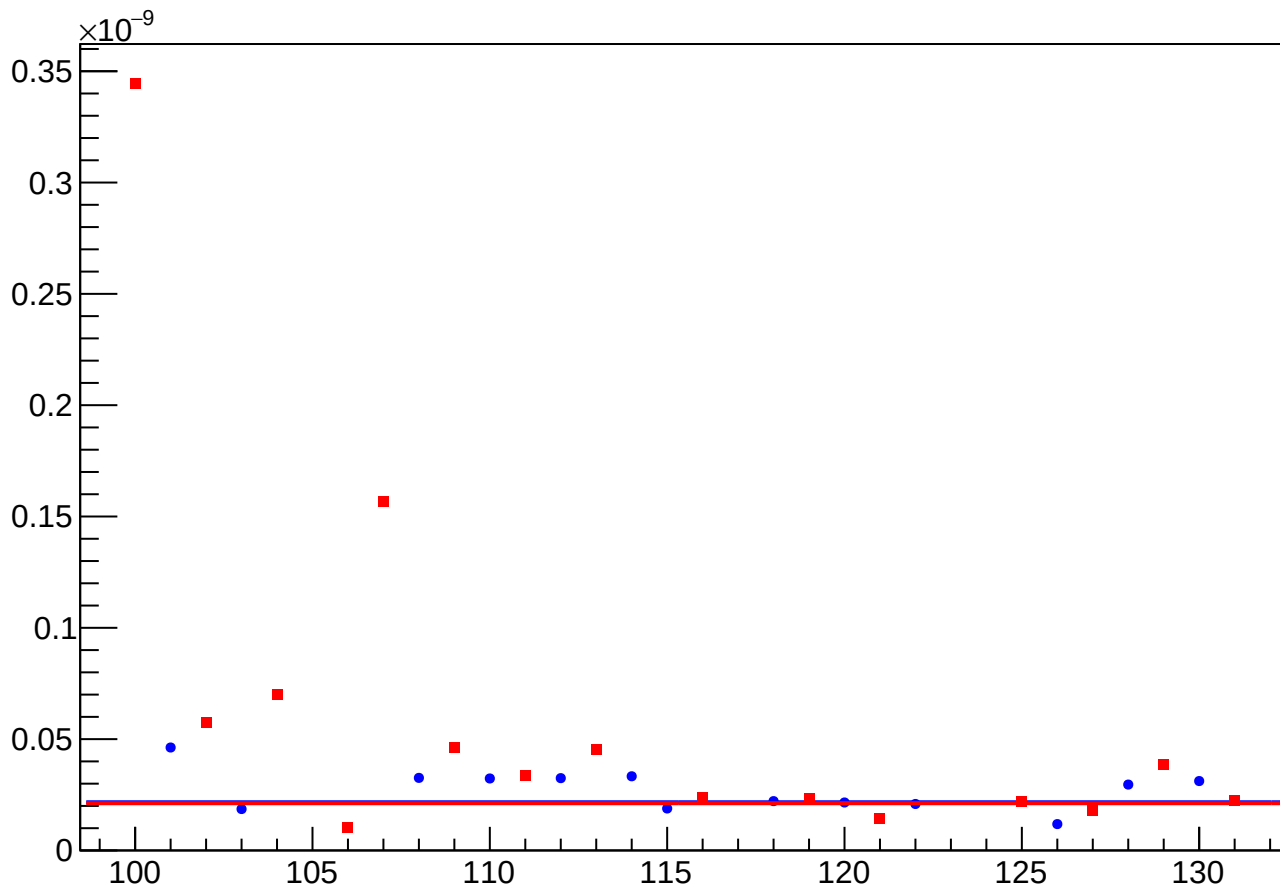
Right: -0.000+/-0.000 χ^2/NDF : 19.0/27

In: -0.000+/-0.000 χ^2/NDF : 6.6/12

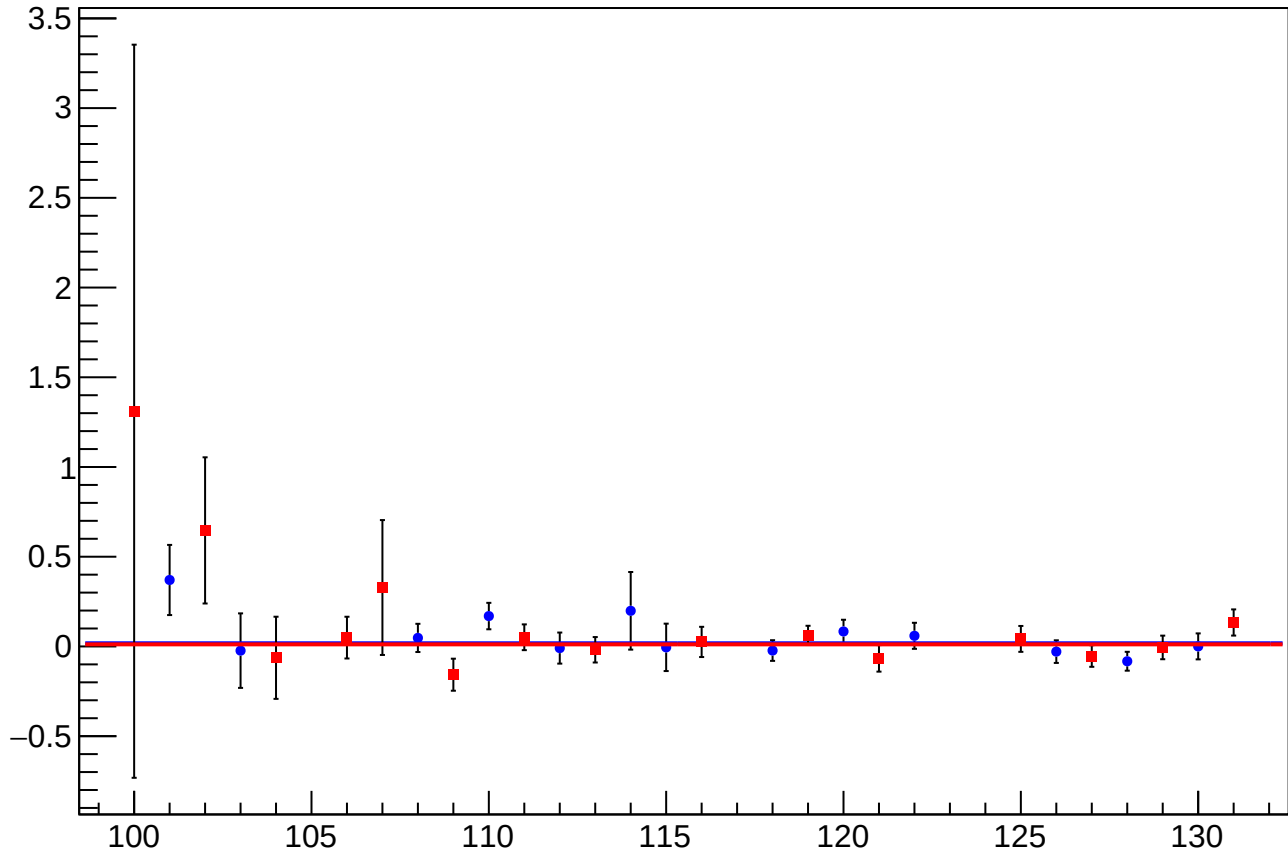
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/27

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: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.021 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

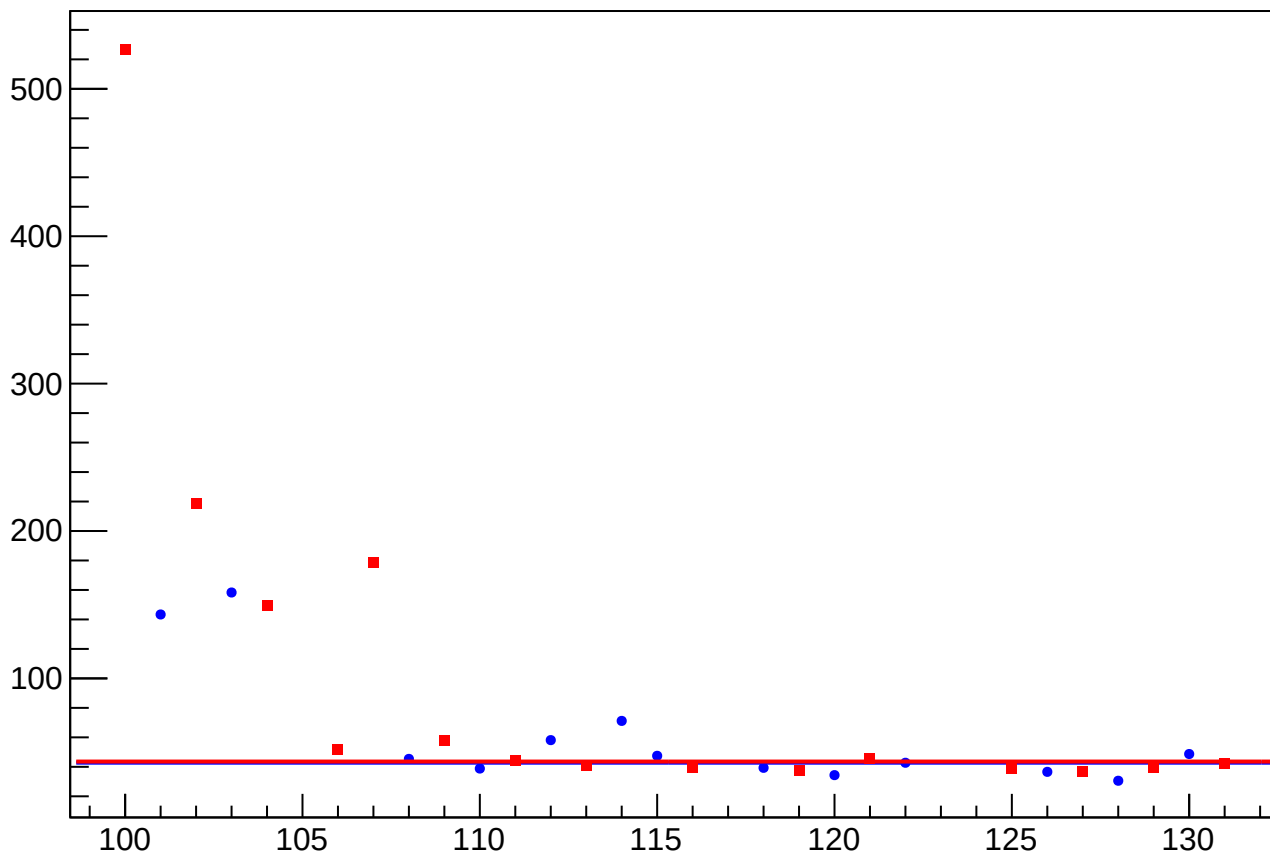
Right: 0.015+/-0.015 χ^2/NDF : 28.7/27

In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.015 χ^2/NDF : 28.7/27

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.585+/-0.015 χ^2/NDF : 1307288.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

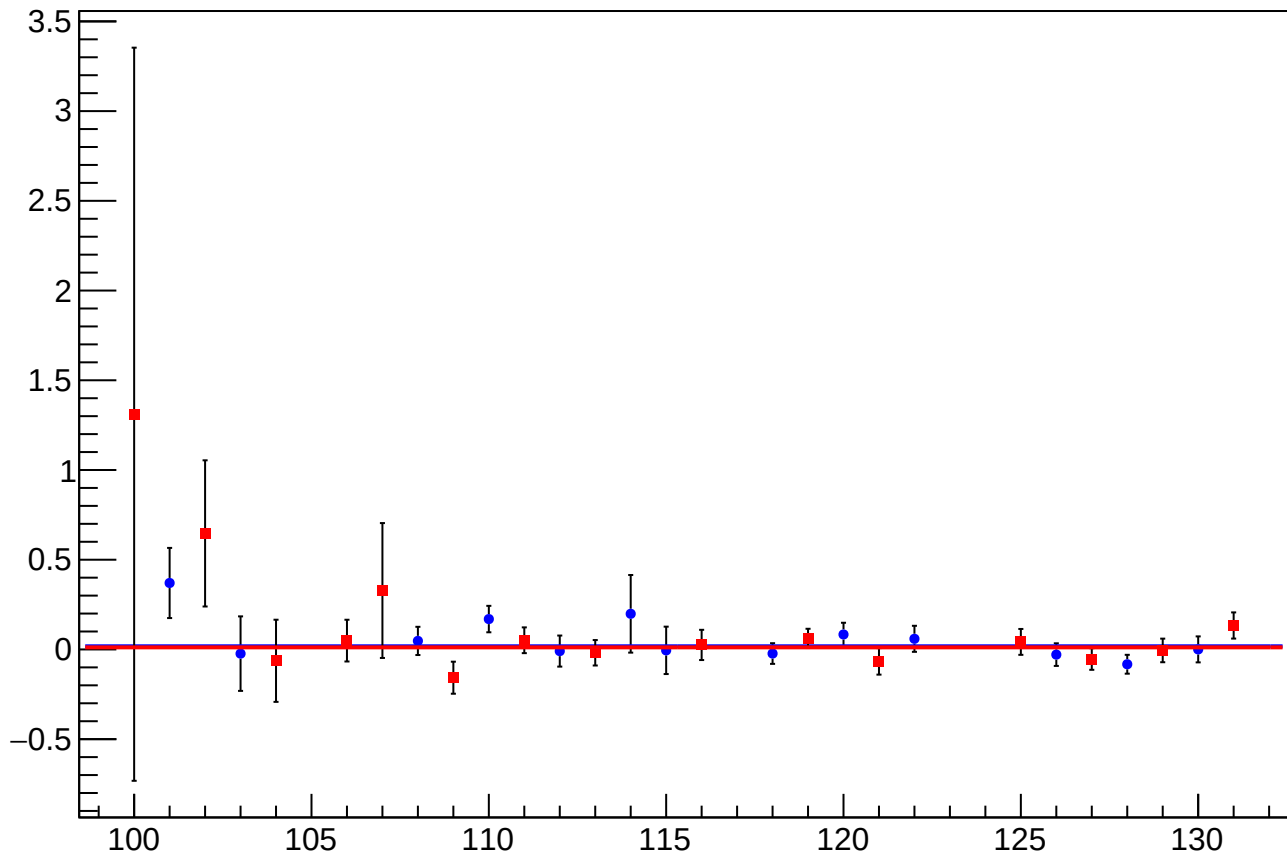
Right: 43.201+/-0.011 χ^2/NDF : 2745987.7/27

In: 42.808+/-0.015 χ^2/NDF :1437394.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.201+/-0.011 χ^2/NDF : 2745987.7/27

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.021 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

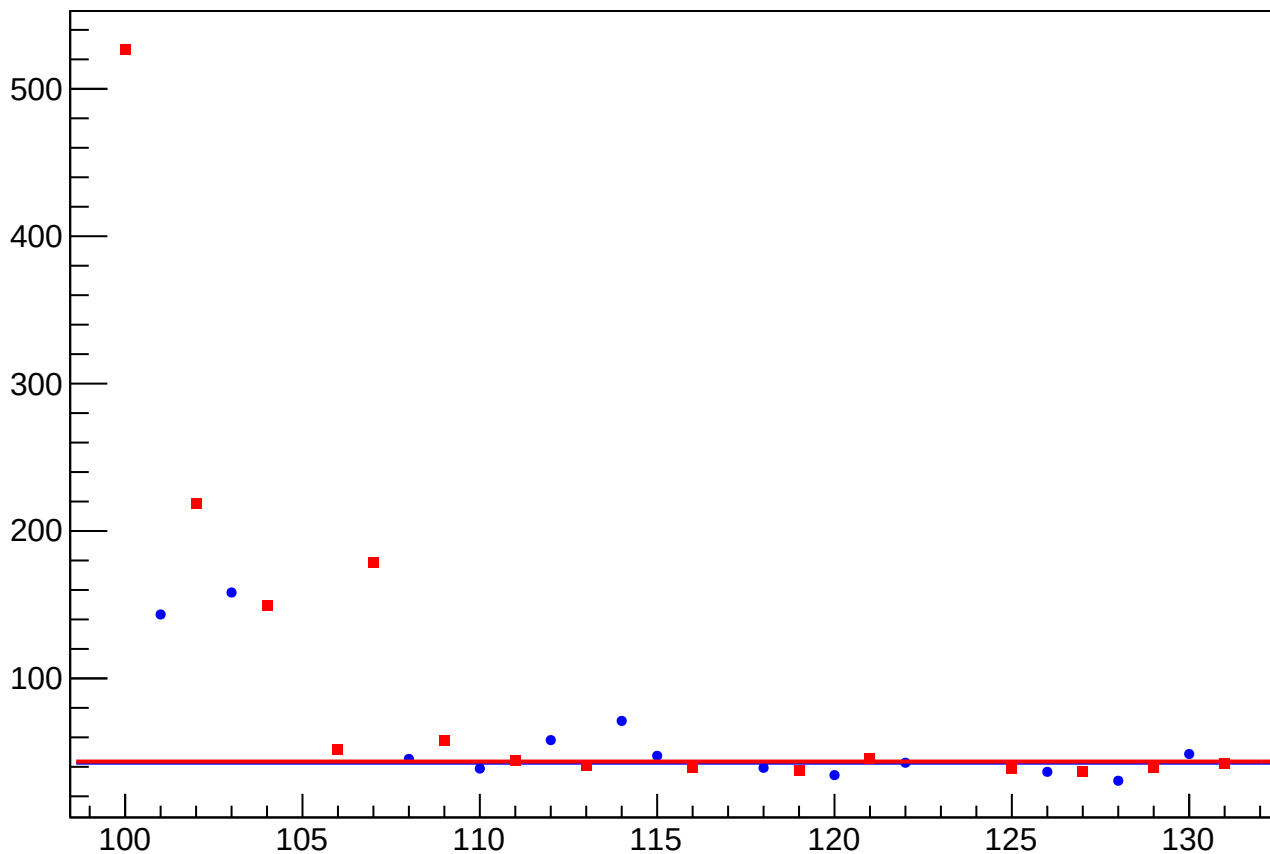
Right: 0.015+/-0.015 χ^2/NDF : 28.7/27

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.015 χ^2/NDF : 28.7/27

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.585+/-0.015 χ^2/NDF : 1307288.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

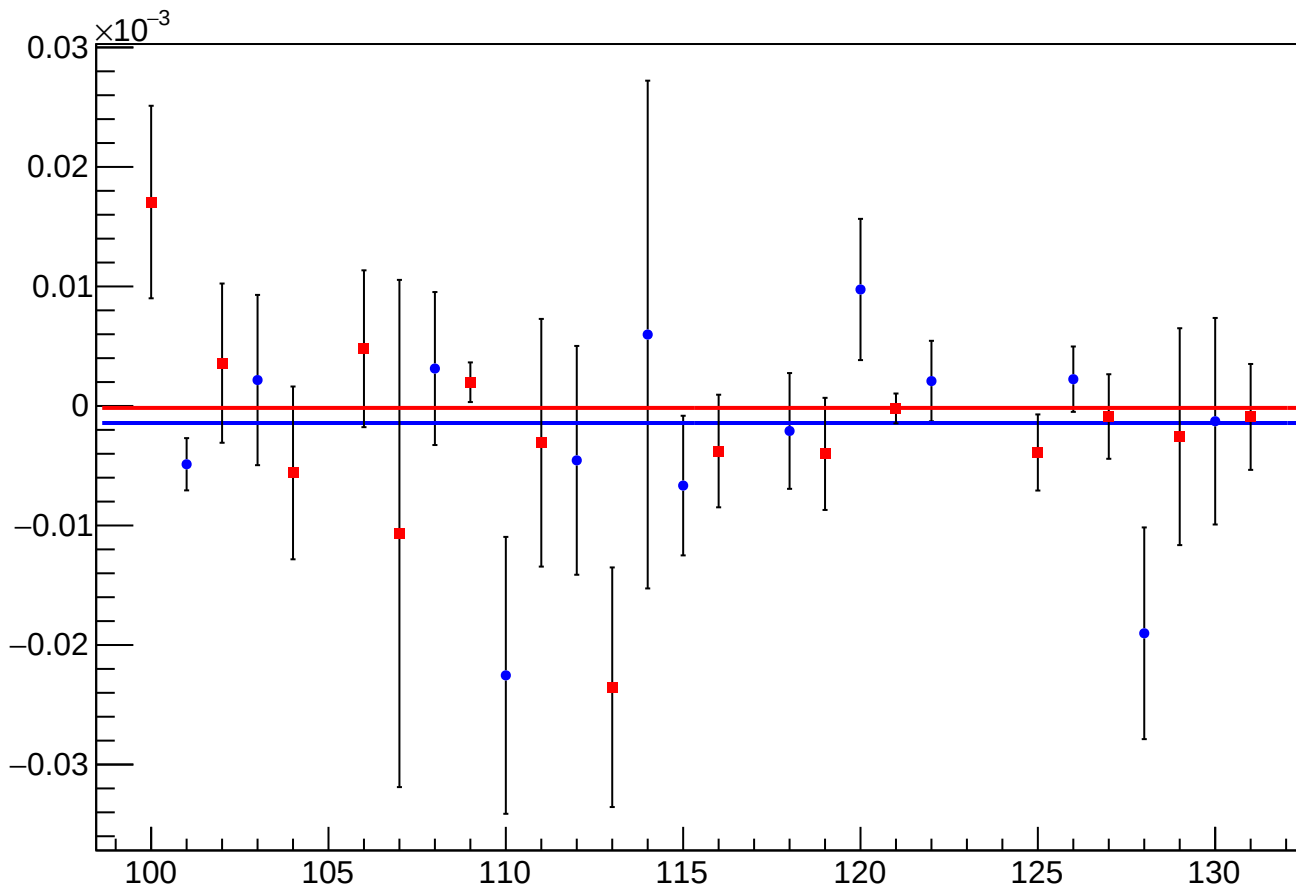
Right: 43.201+/-0.011 χ^2/NDF : 2745987.7/27

In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.201+/-0.011 χ^2/NDF : 2745987.7/27

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 18.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 16.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

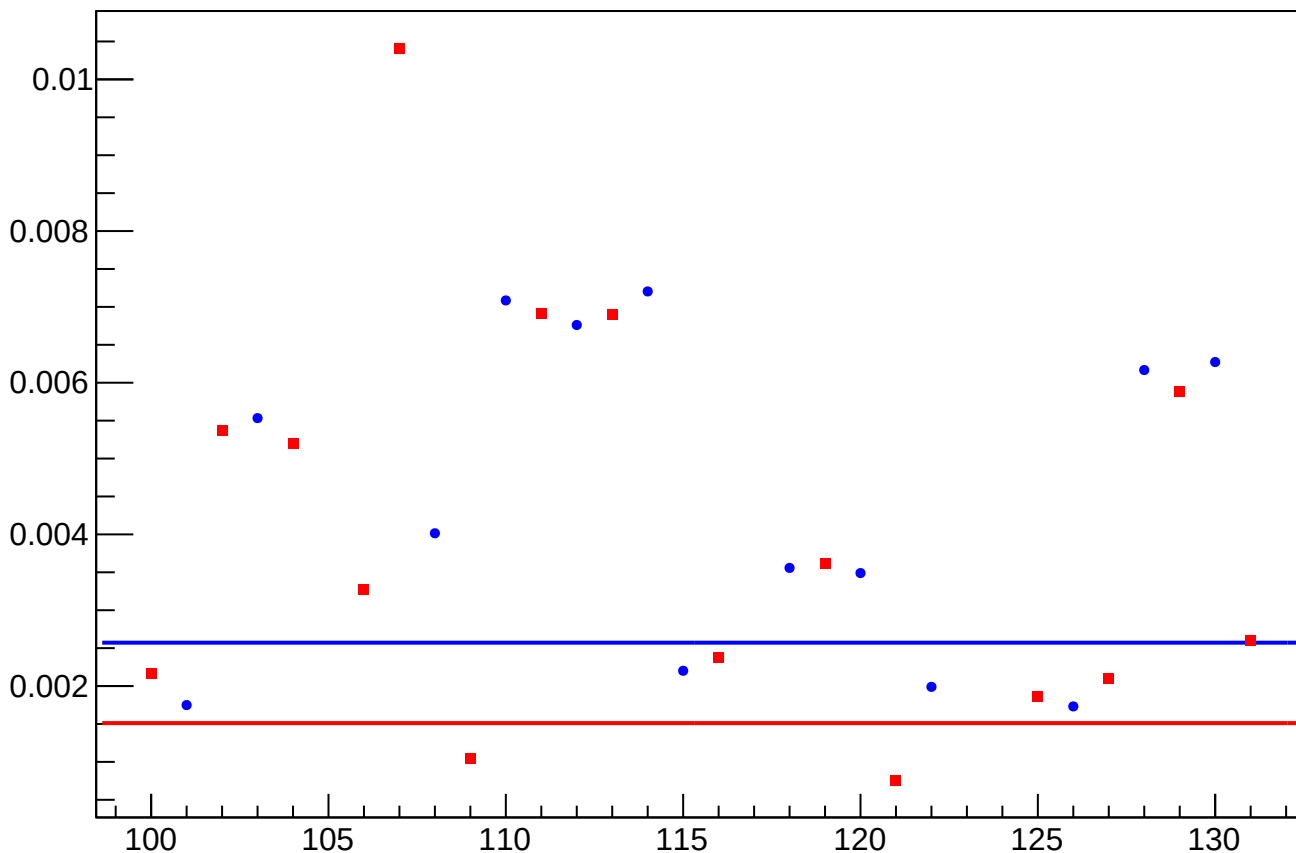
Right: -0.000 ± 0.000 χ^2/NDF : 35.0/27

In: -0.000 ± 0.000 χ^2/NDF : 18.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 35.0/27

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 : 2596901.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4858808.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

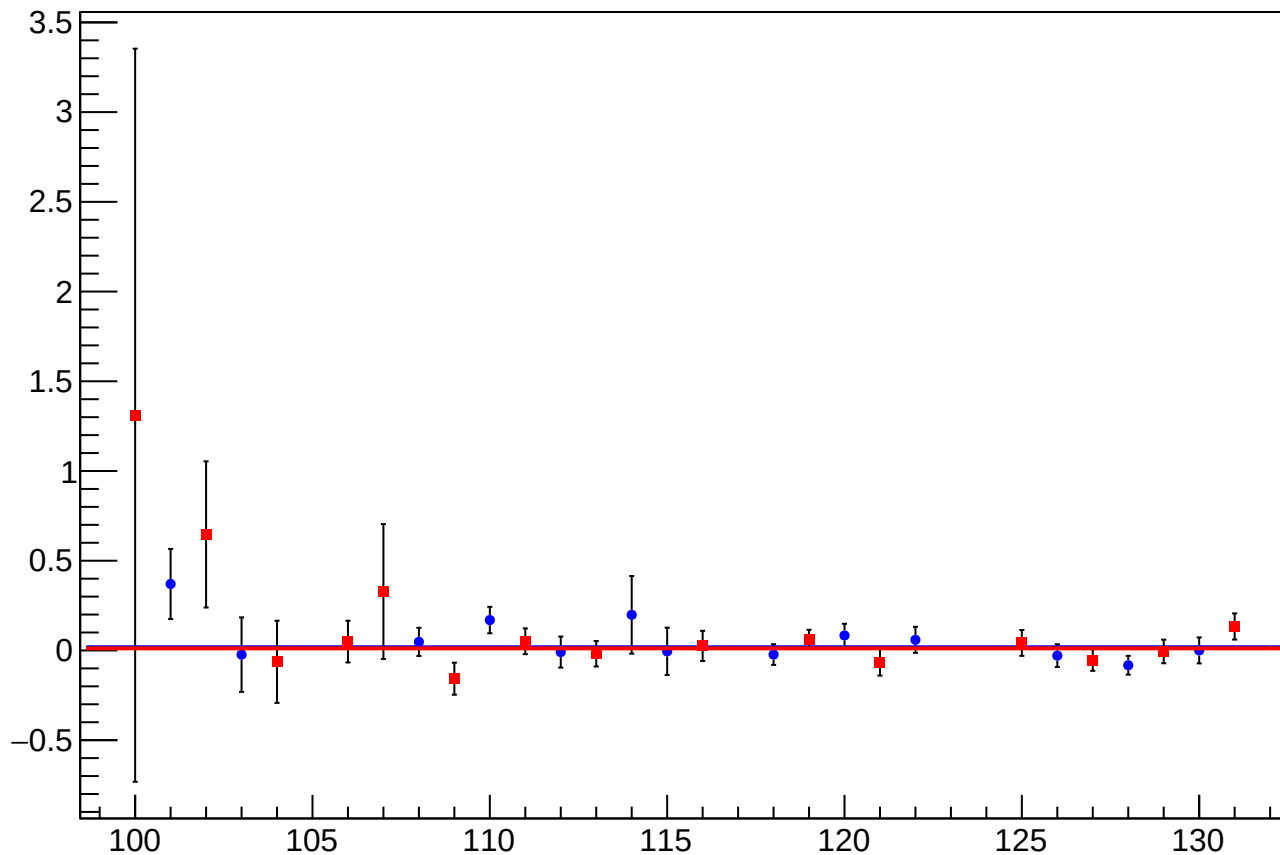
Right: 0.002+/-0.000 χ^2/NDF : 8433504.8/27

In: 0.003+/-0.000 χ^2/NDF : 2596901.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8433504.8/27

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.021 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

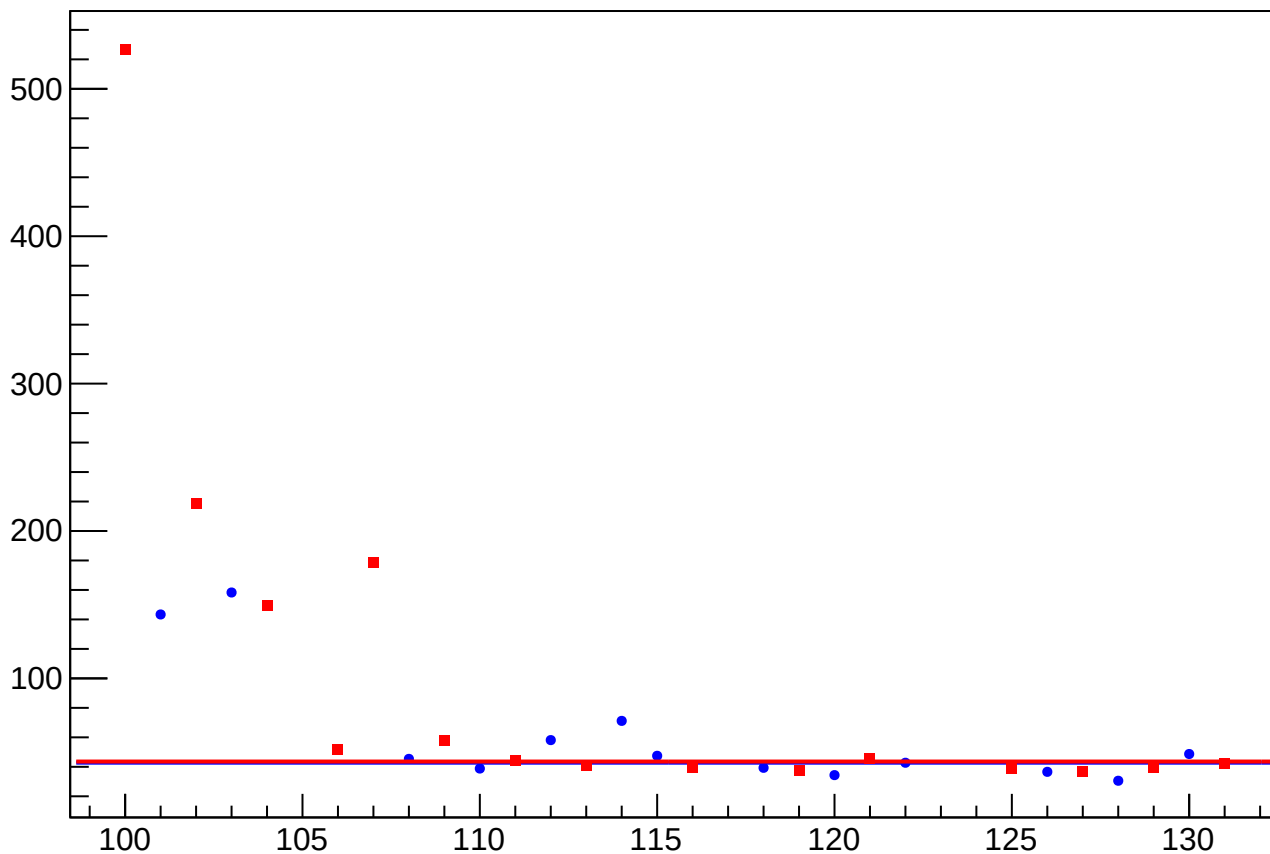
Right: 0.015+/-0.015 χ^2/NDF : 28.7/27

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.015 χ^2/NDF : 28.7/27

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.586+/-0.015 χ^2/NDF : 1307259.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

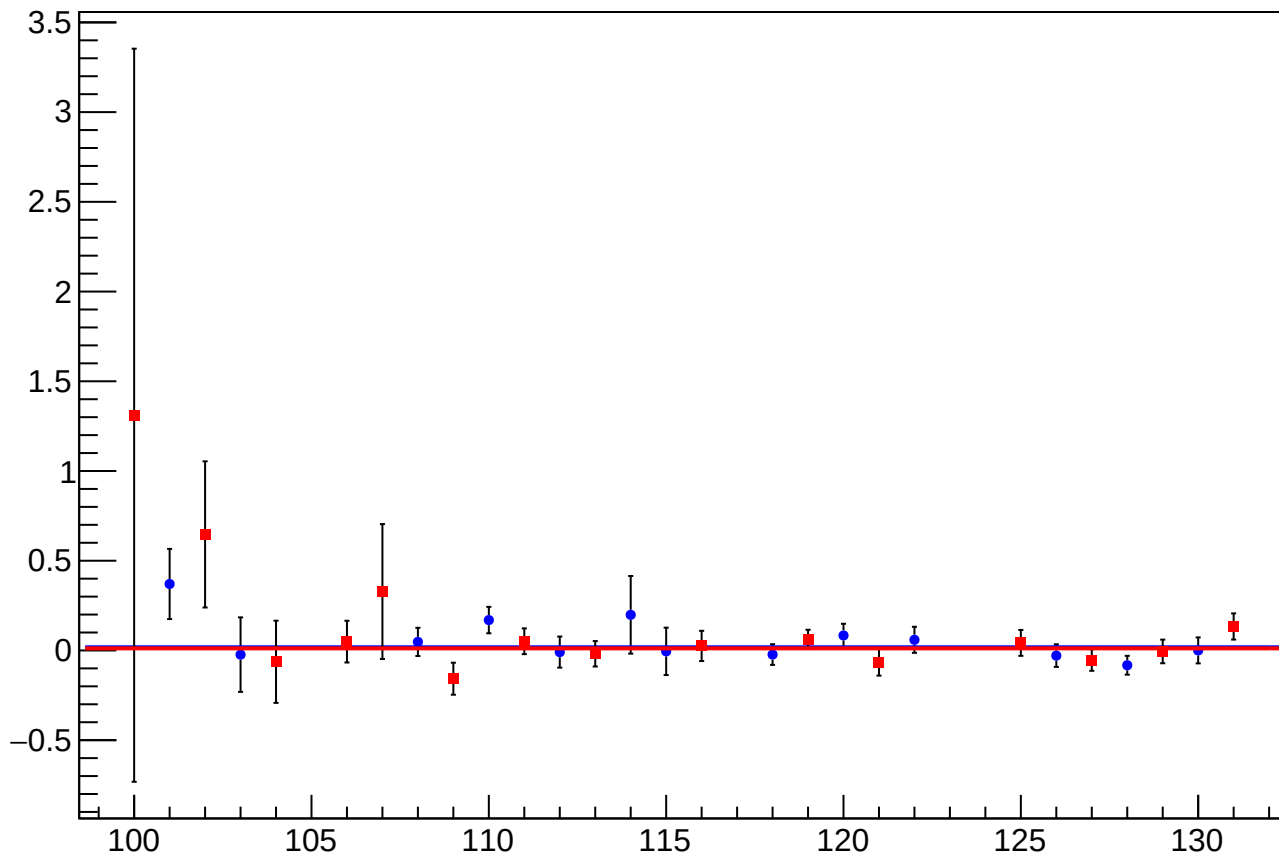
Right: 43.200+/-0.011 χ^2/NDF : 2746210.1/27

In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.200+/-0.011 χ^2/NDF : 2746210.1/27

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.021 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

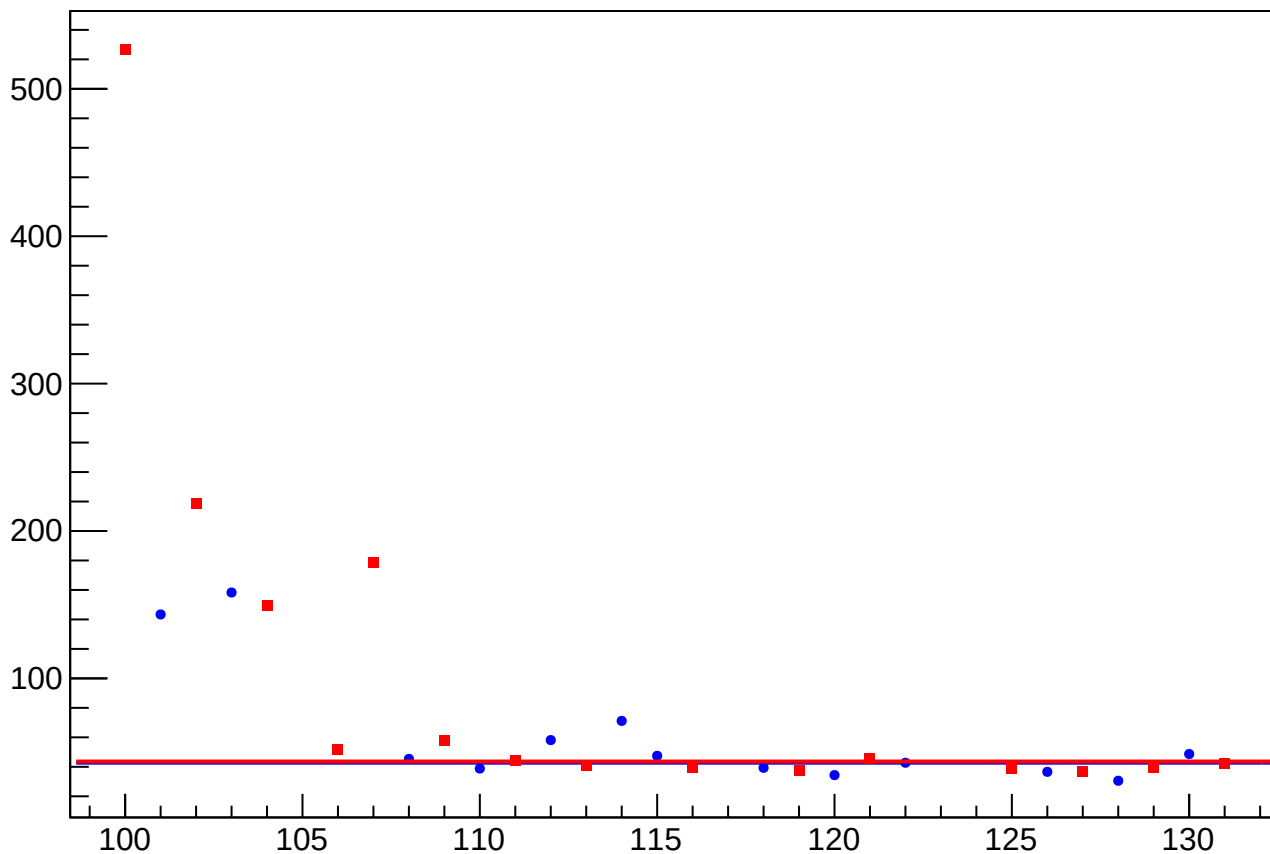
Right: 0.015+/-0.015 χ^2/NDF : 28.7/27

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.015 χ^2/NDF : 28.7/27

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.586+/-0.015 χ^2/NDF : 1307259.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

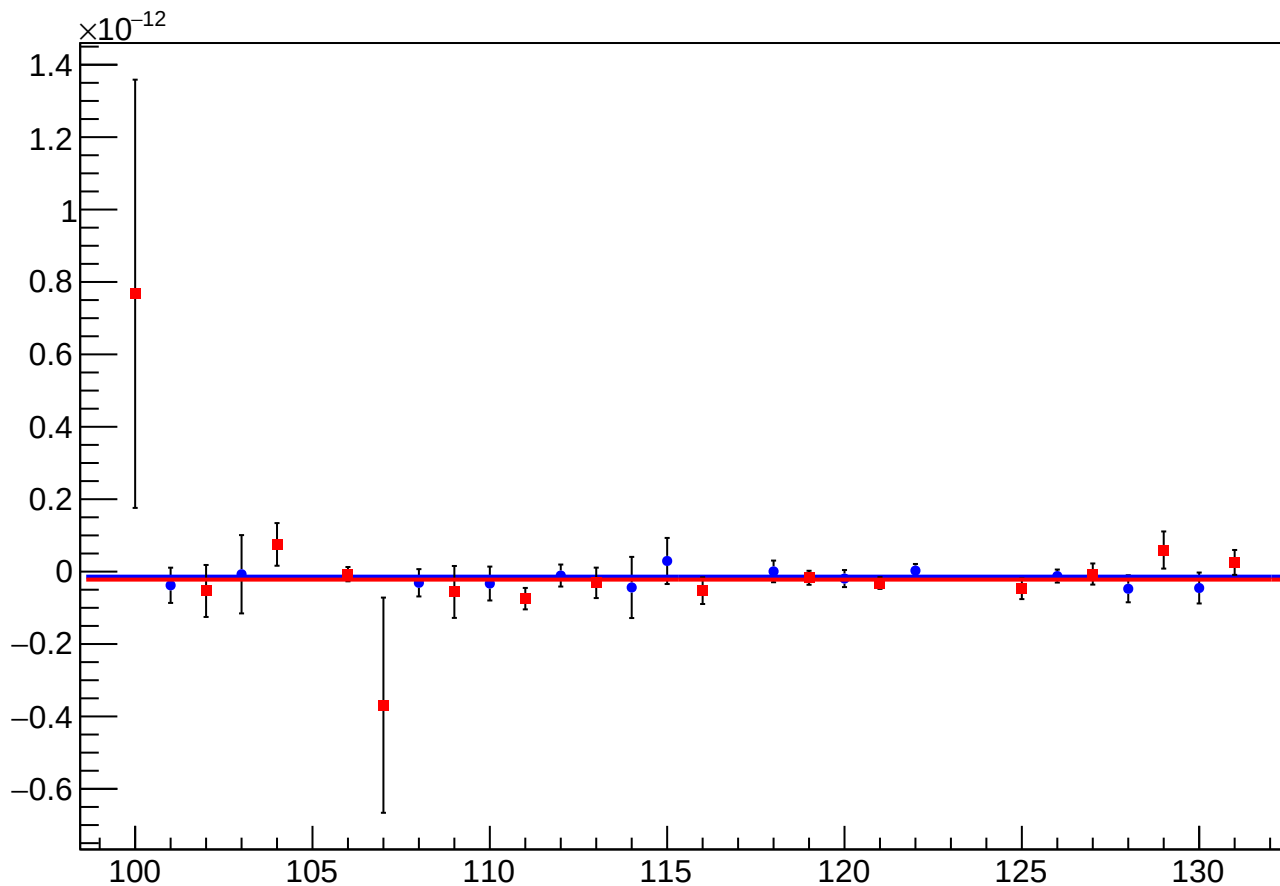
Right: 43.200+/-0.011 χ^2/NDF : 2746210.1/27

In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.200+/-0.011 χ^2/NDF : 2746210.1/27

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 : 3.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

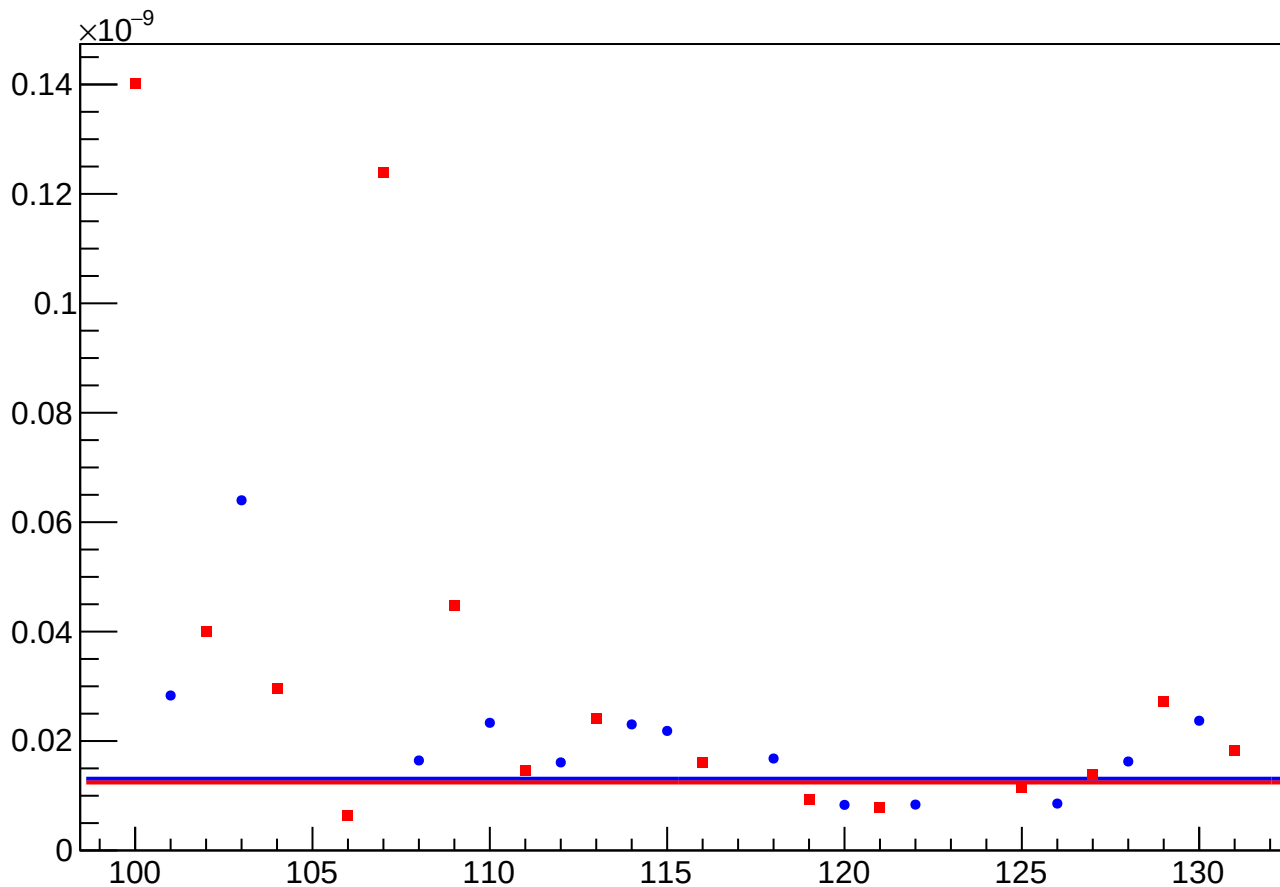
Right: -0.000+/-0.000 χ^2/NDF : 20.9/27

In: -0.000+/-0.000 χ^2/NDF : 3.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/27

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 : 1344639.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2060686.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

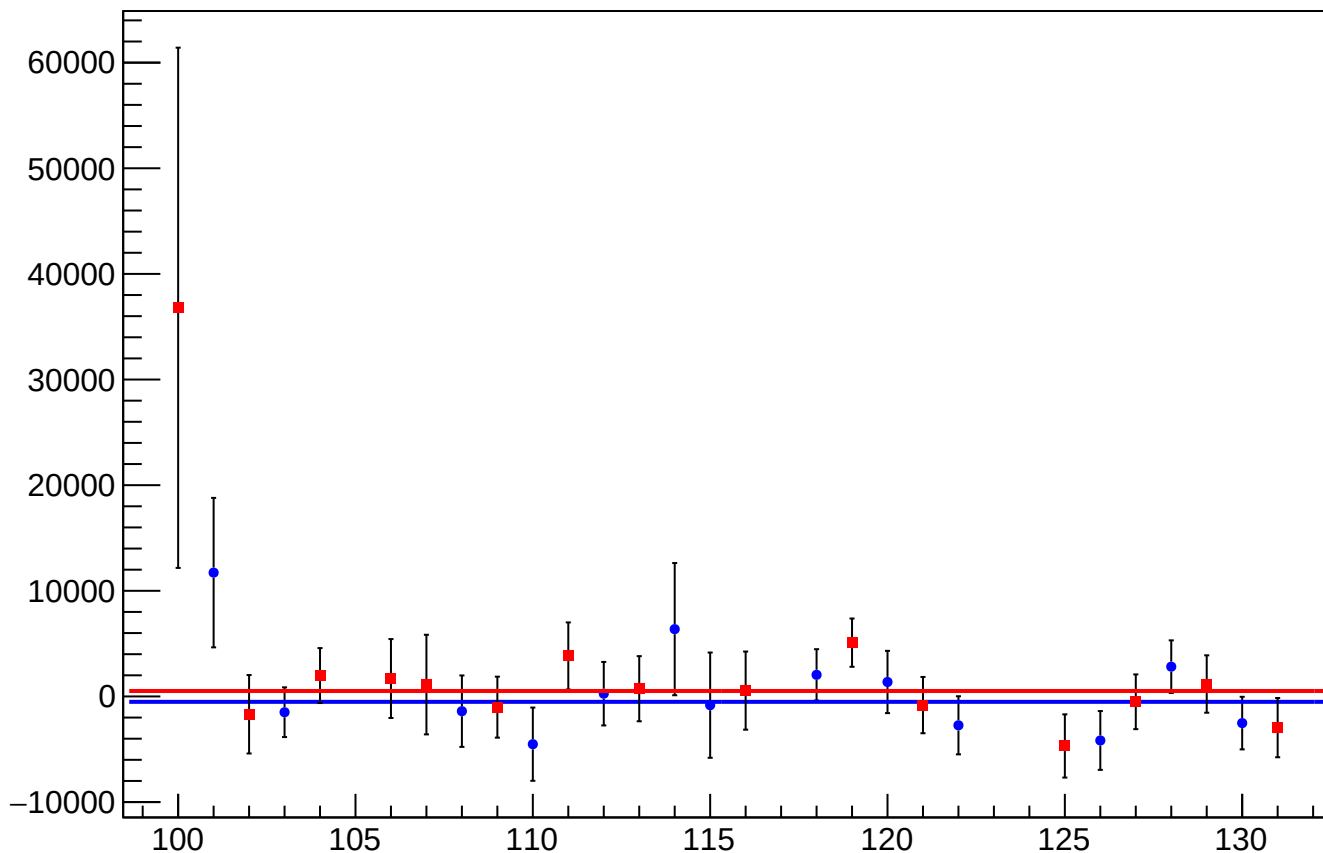
Right: 0.000+/-0.000 χ^2/NDF : 3412170.1/27

In: 0.000+/-0.000 χ^2/NDF : 1344639.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3412170.1/27

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -510.520+/-840.324 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 516.966+/-792.628 χ^2 /NDF: 13.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

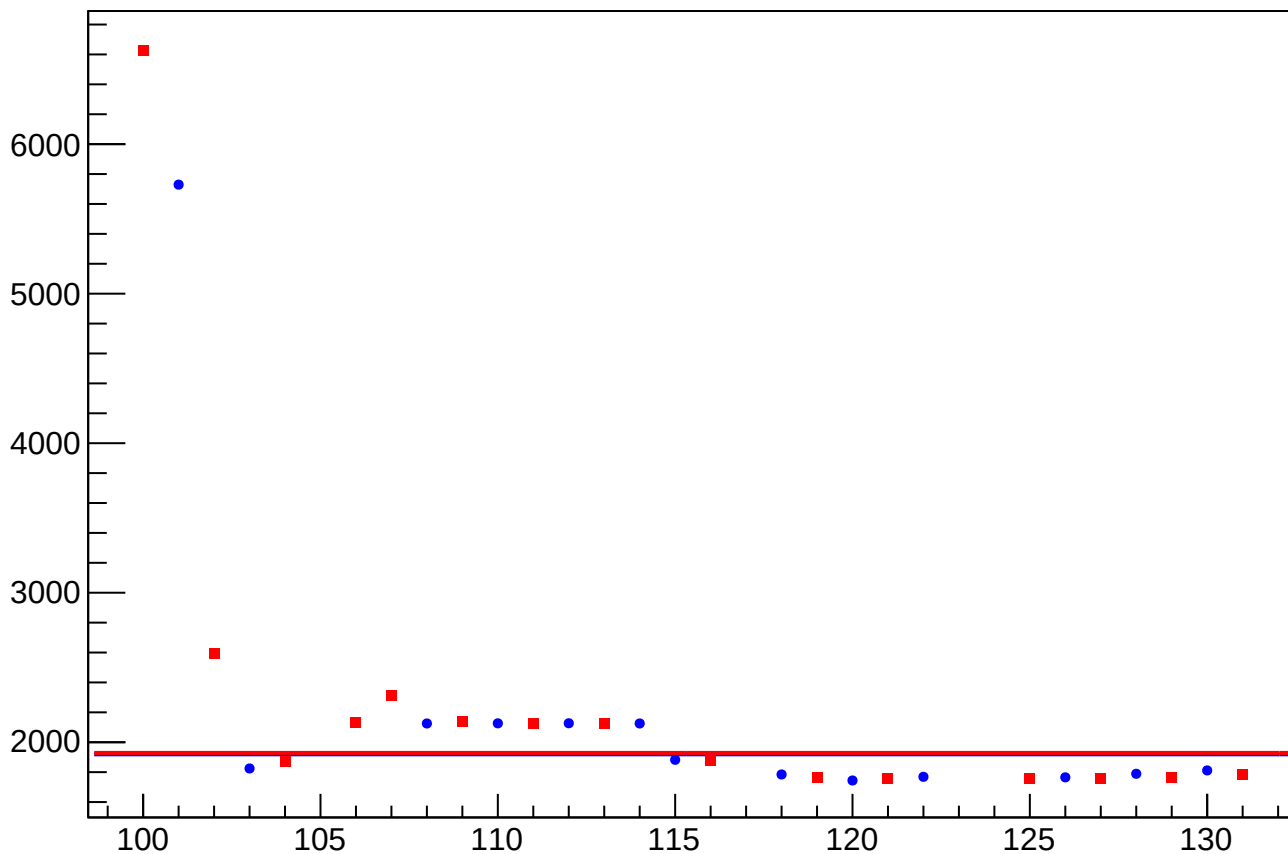
Right: 33.208+/-576.597 χ^2 /NDF: 26.3/27

In: -510.520+/-840.324 χ^2 /NDF:12.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.208+/-576.597 χ^2 /NDF: 26.3/27

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1919.262+/-0.594 χ^2/NDF : 644144.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1928.816+/-0.560 χ^2/NDF : 230086.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

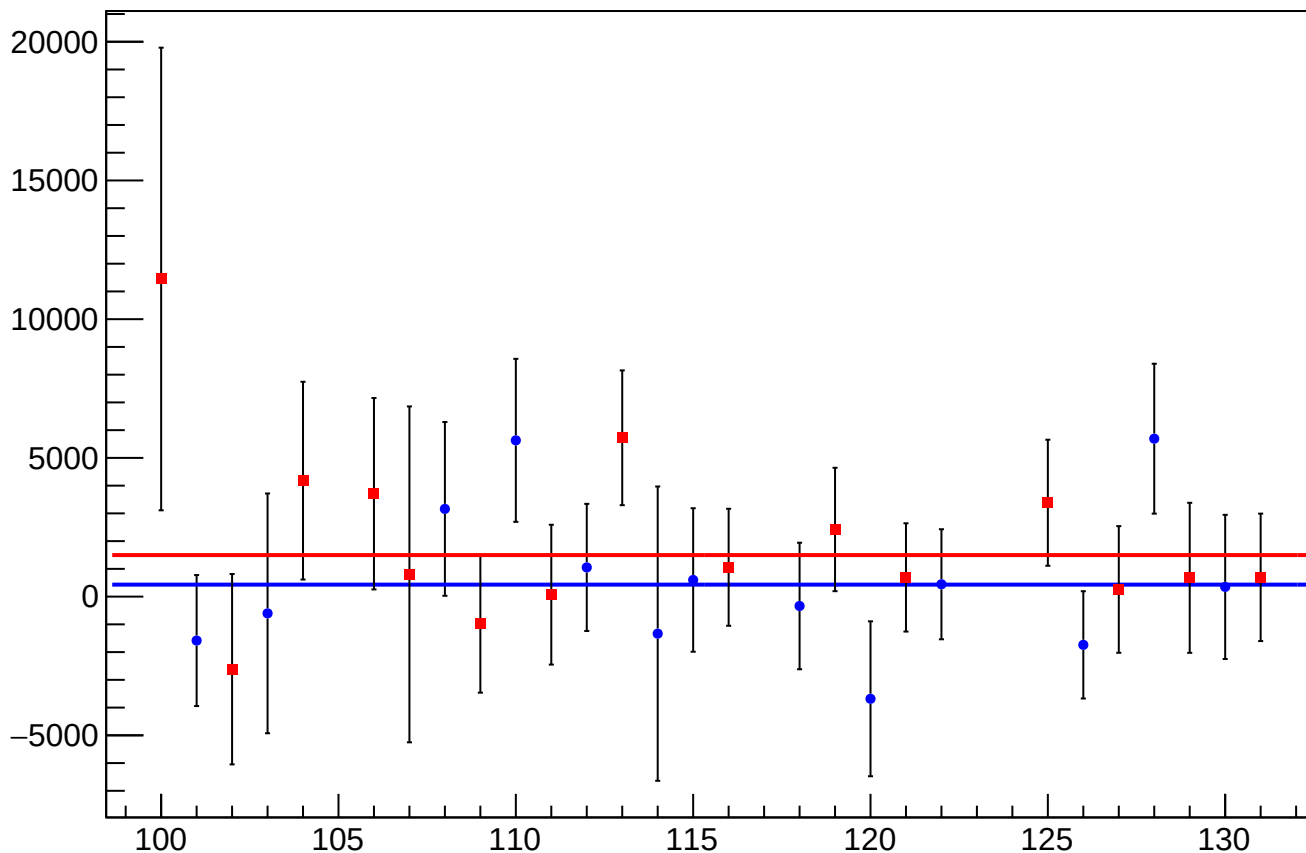
Right: 1924.318+/-0.408 χ^2/NDF : 874367.6/27

In: 1919.262+/-0.594 χ^2/NDF : 644144.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.318+/-0.408 χ^2/NDF : 874367.6/27

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 431.799+/-715.421 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.164+/-677.194 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

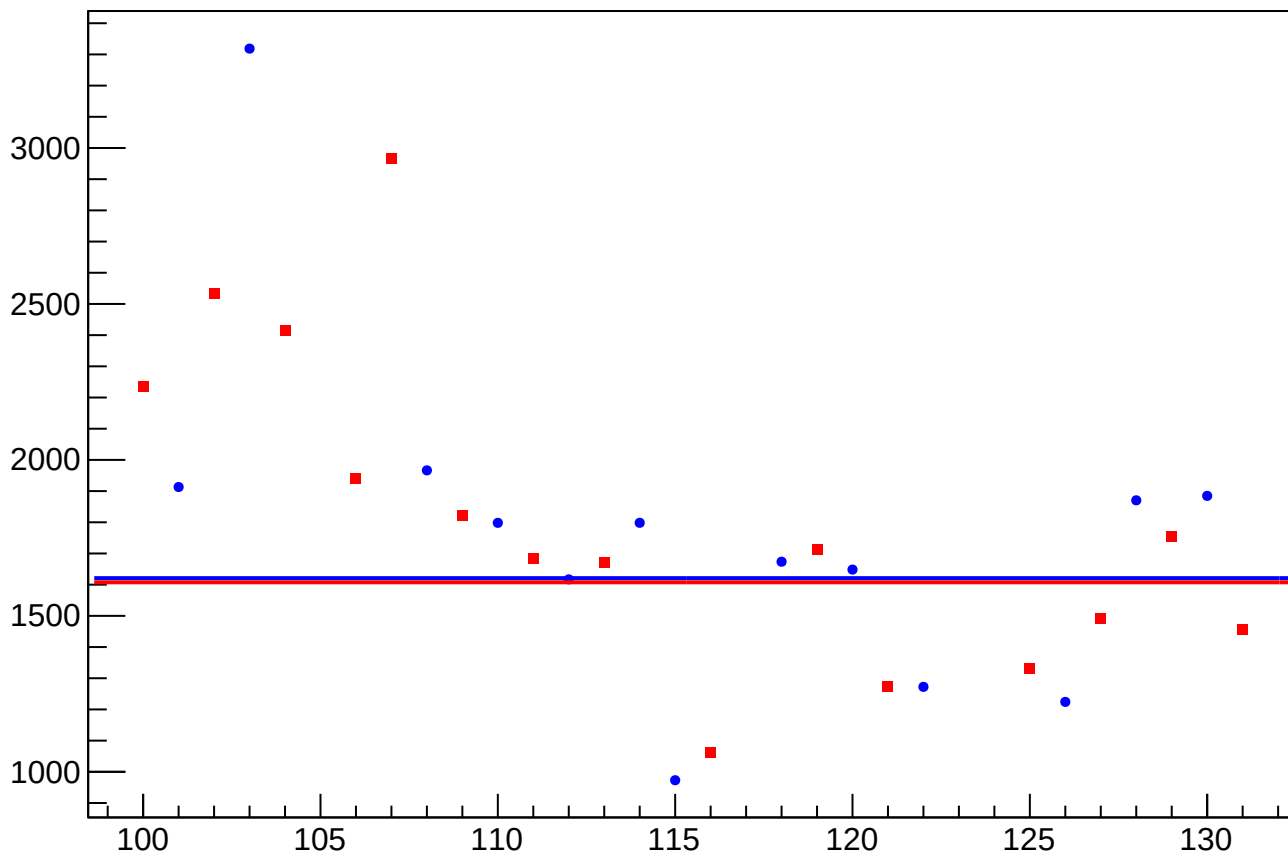
Right: 993.704+/-491.808 χ^2/NDF : 23.2/27

In: 431.799+/-715.421 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.704+/-491.808 χ^2/NDF : 23.2/27

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1620.903+/-0.506 χ^2/NDF : 683608.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.577+/-0.479 χ^2/NDF : 642711.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

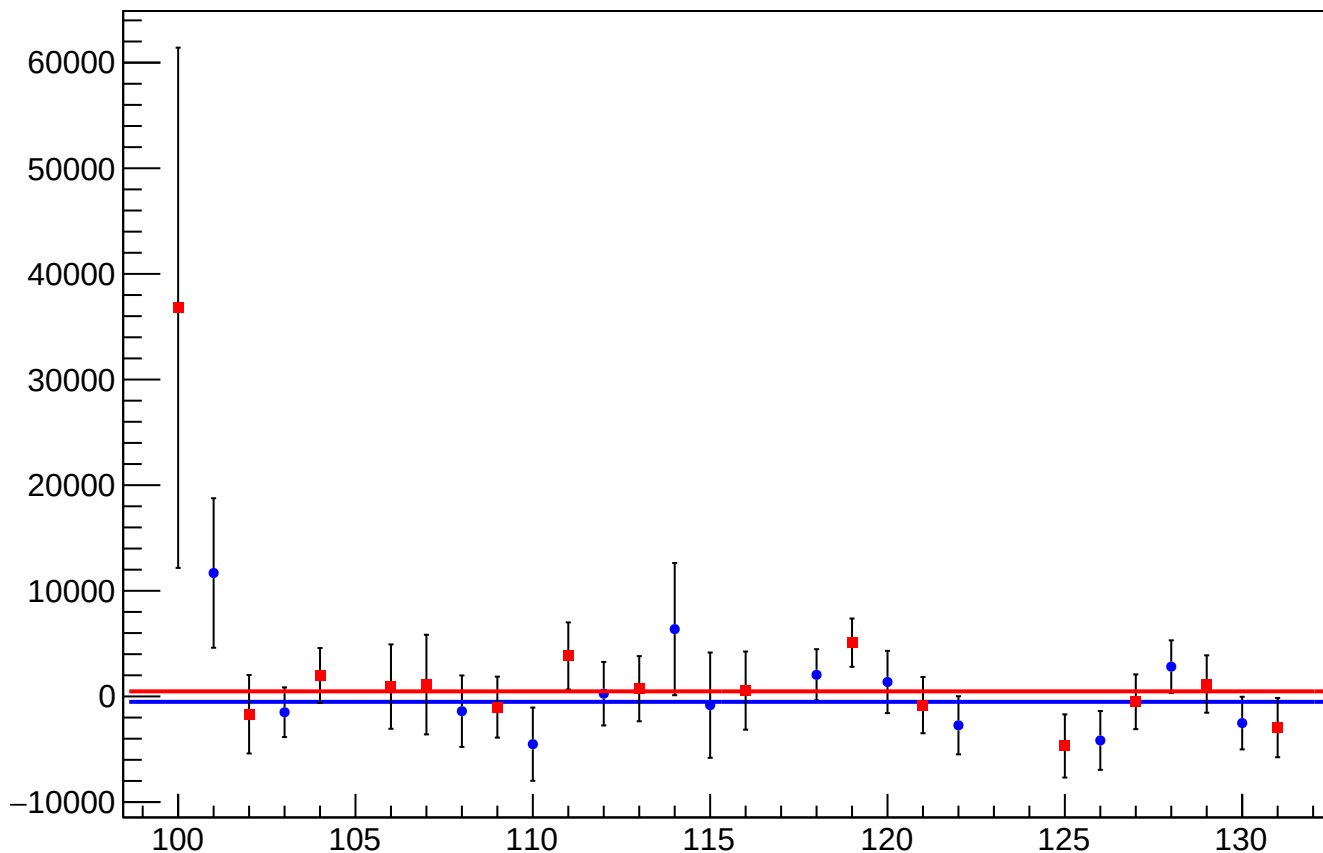
Right: 1613.875+/-0.348 χ^2/NDF : 1326686.0/27

In: 1620.903+/-0.506 χ^2/NDF : 683608.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.875+/-0.348 χ^2/NDF : 1326686.0/27

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -511.497+/-840.324 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.677+/-794.874 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

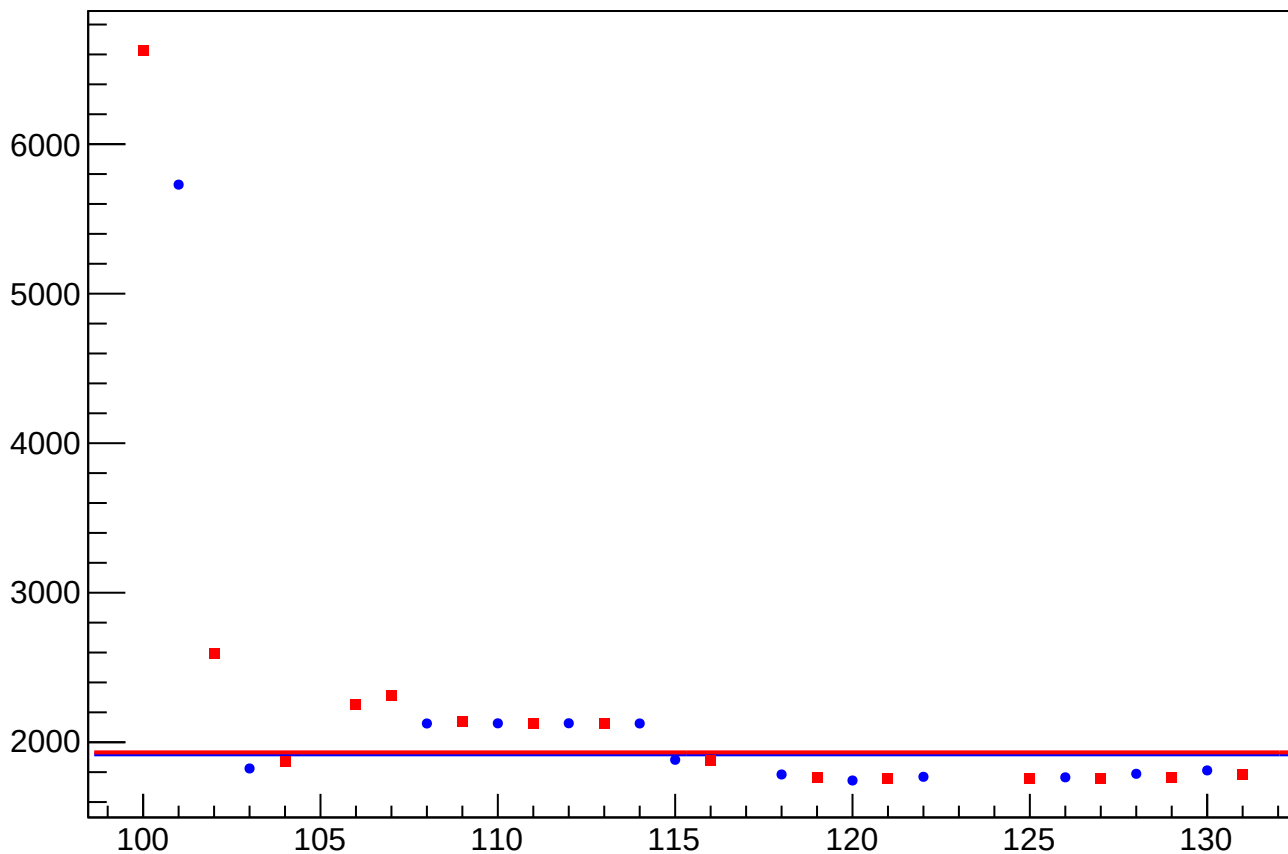
Right: 12.146+/-577.460 χ^2/NDF : 26.2/27

In: -511.497+/-840.324 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.146+/-577.460 χ^2/NDF : 26.2/27

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1932.282+/-0.562 χ^2/NDF : 236969.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

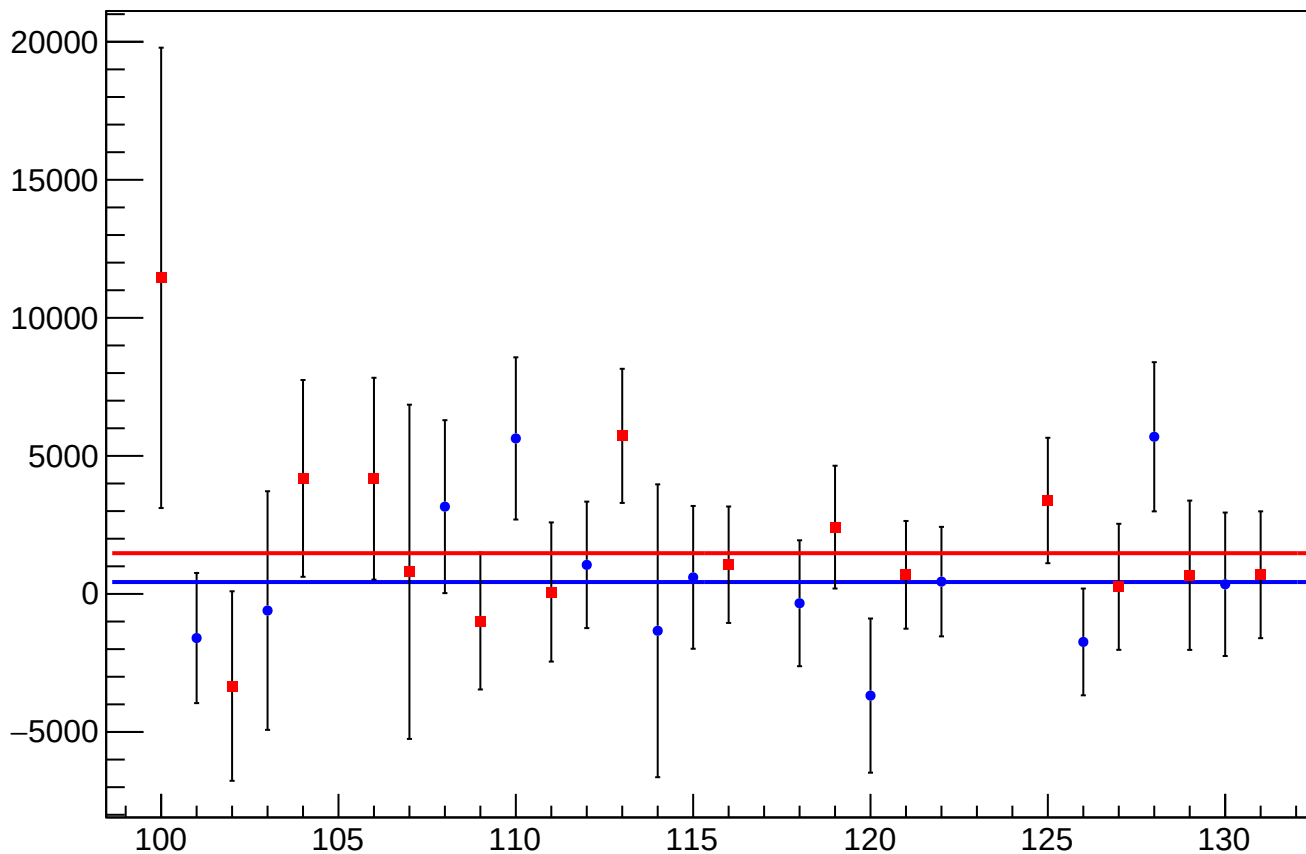
Right: 1926.134+/-0.408 χ^2/NDF : 881366.3/27

In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1926.134+/-0.408 χ^2/NDF : 881366.3/27

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.118+/-678.635 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

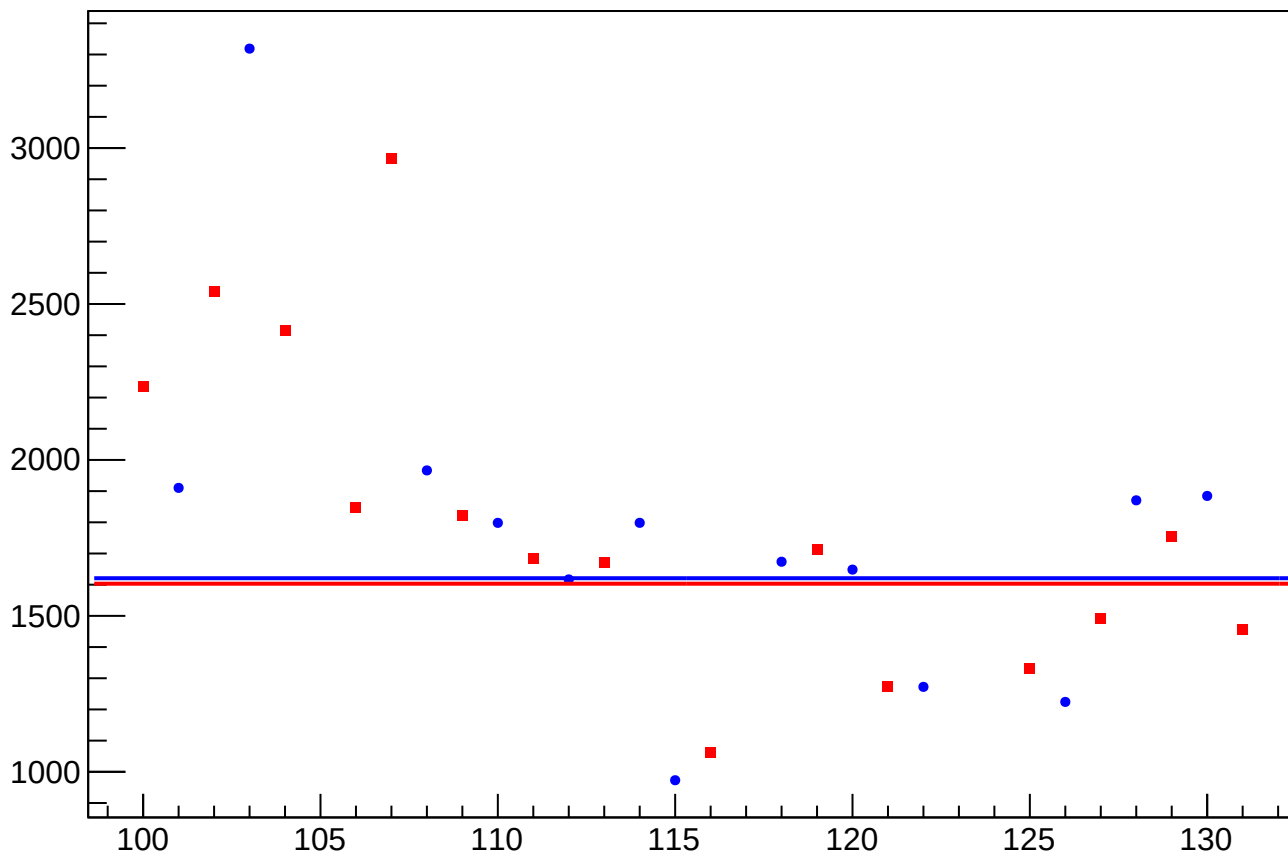
Right: 980.673+/-492.330 χ^2/NDF : 23.8/27

In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.673+/-492.330 χ^2/NDF : 23.8/27

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.134+/-0.480 χ^2/NDF : 634338.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

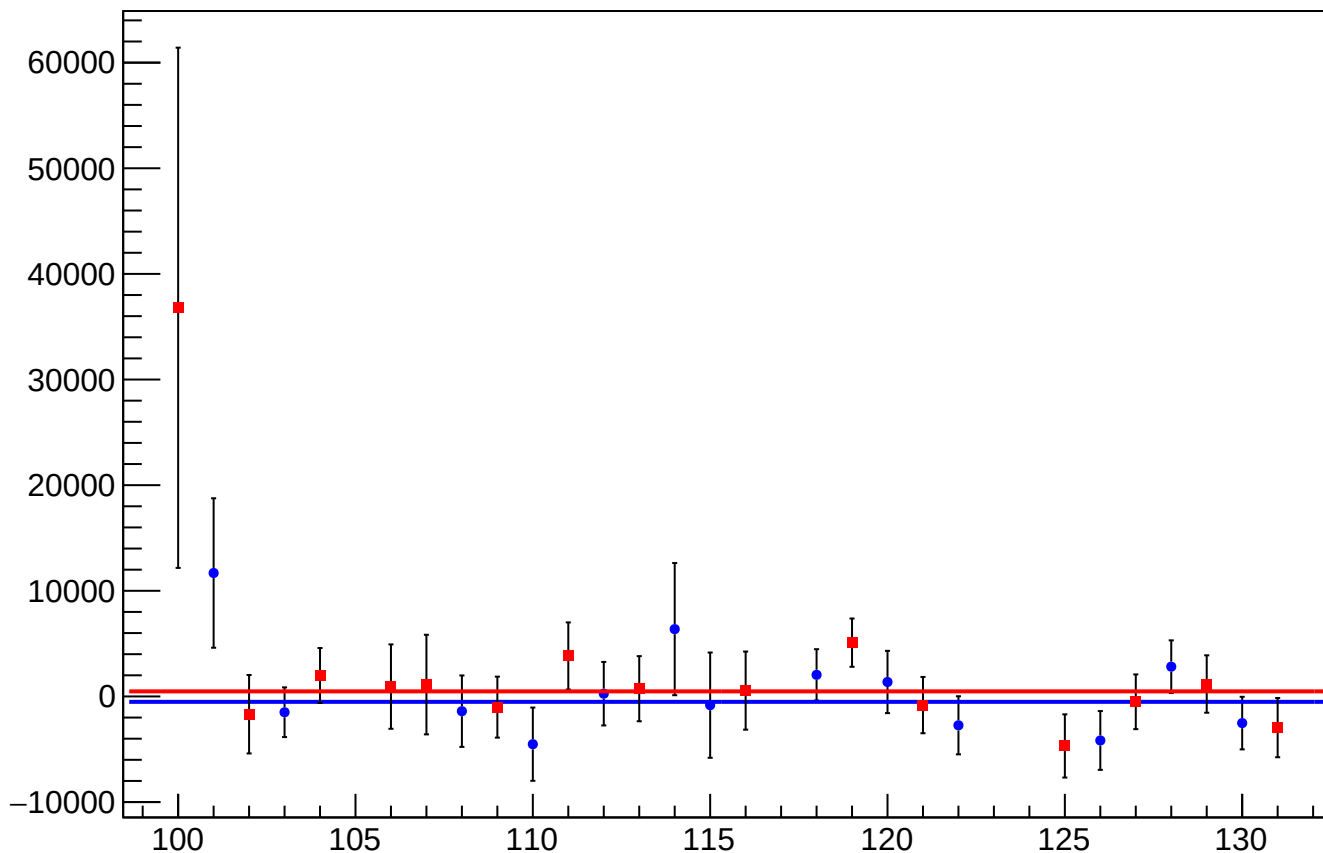
Right: 1611.471+/-0.348 χ^2/NDF : 1318167.4/27

In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.471+/-0.348 χ^2/NDF : 1318167.4/27

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -511.497+/-840.324 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.677+/-794.874 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

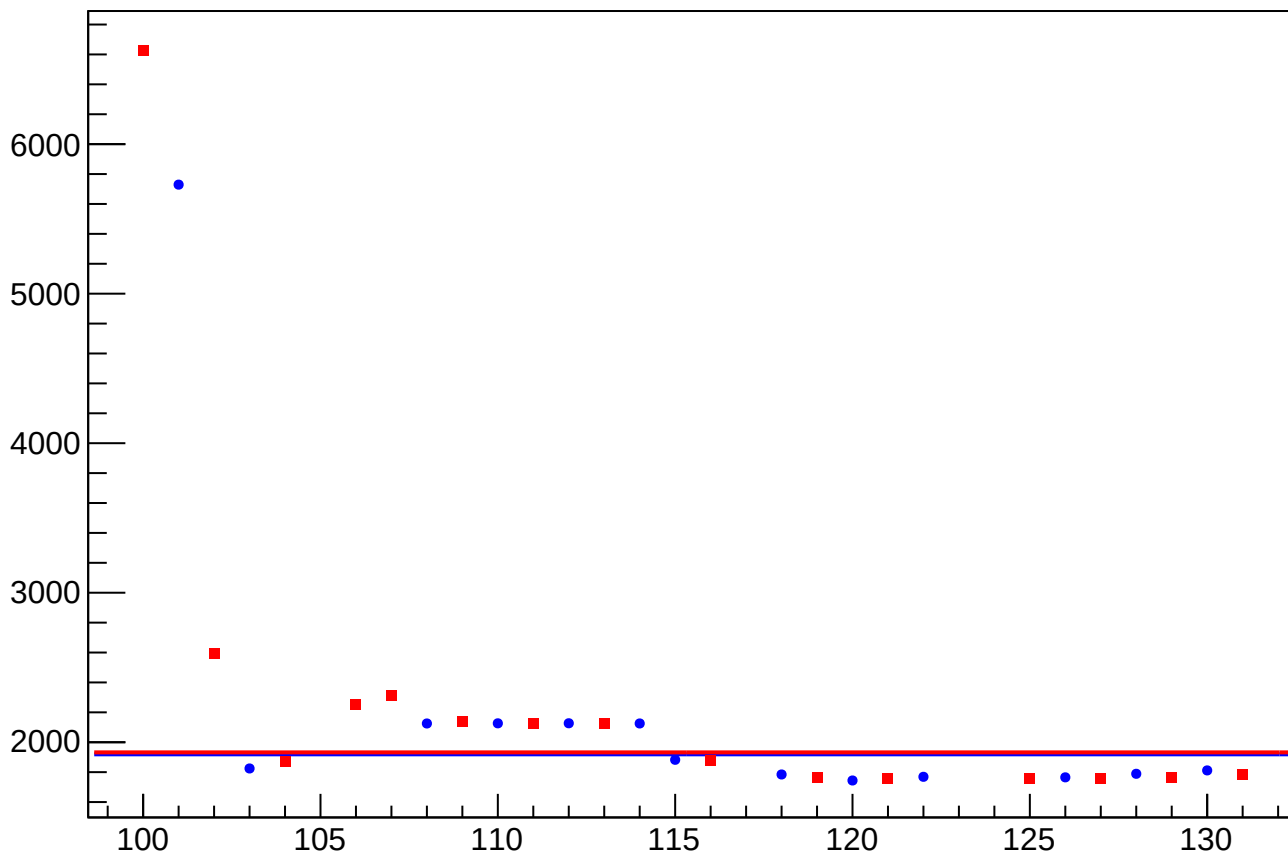
Right: 12.146+/-577.460 χ^2/NDF : 26.2/27

In: -511.497+/-840.324 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.146+/-577.460 χ^2/NDF : 26.2/27

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1932.282+/-0.562 χ^2/NDF : 236969.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

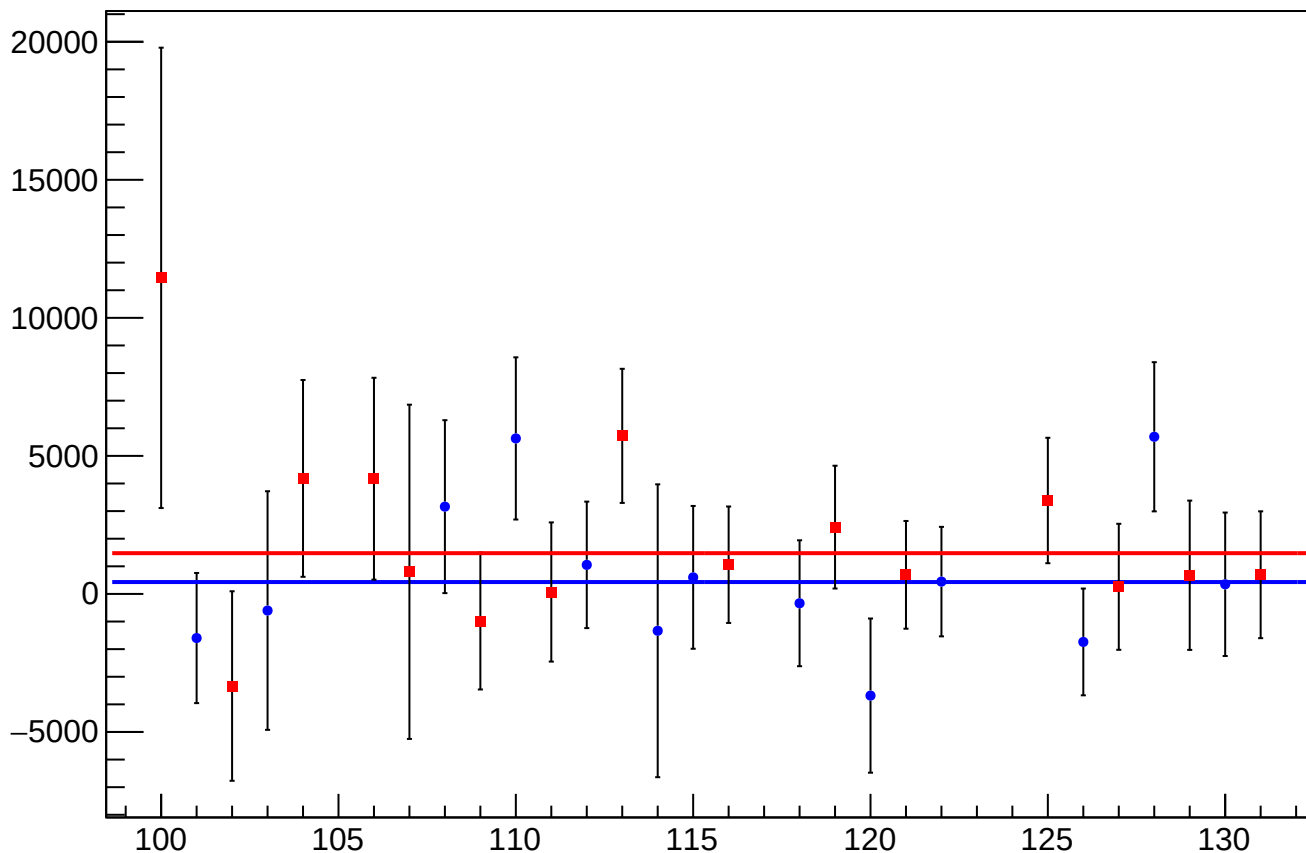
Right: 1926.134+/-0.408 χ^2/NDF : 881366.3/27

In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1926.134+/-0.408 χ^2/NDF : 881366.3/27

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.118+/-678.635 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

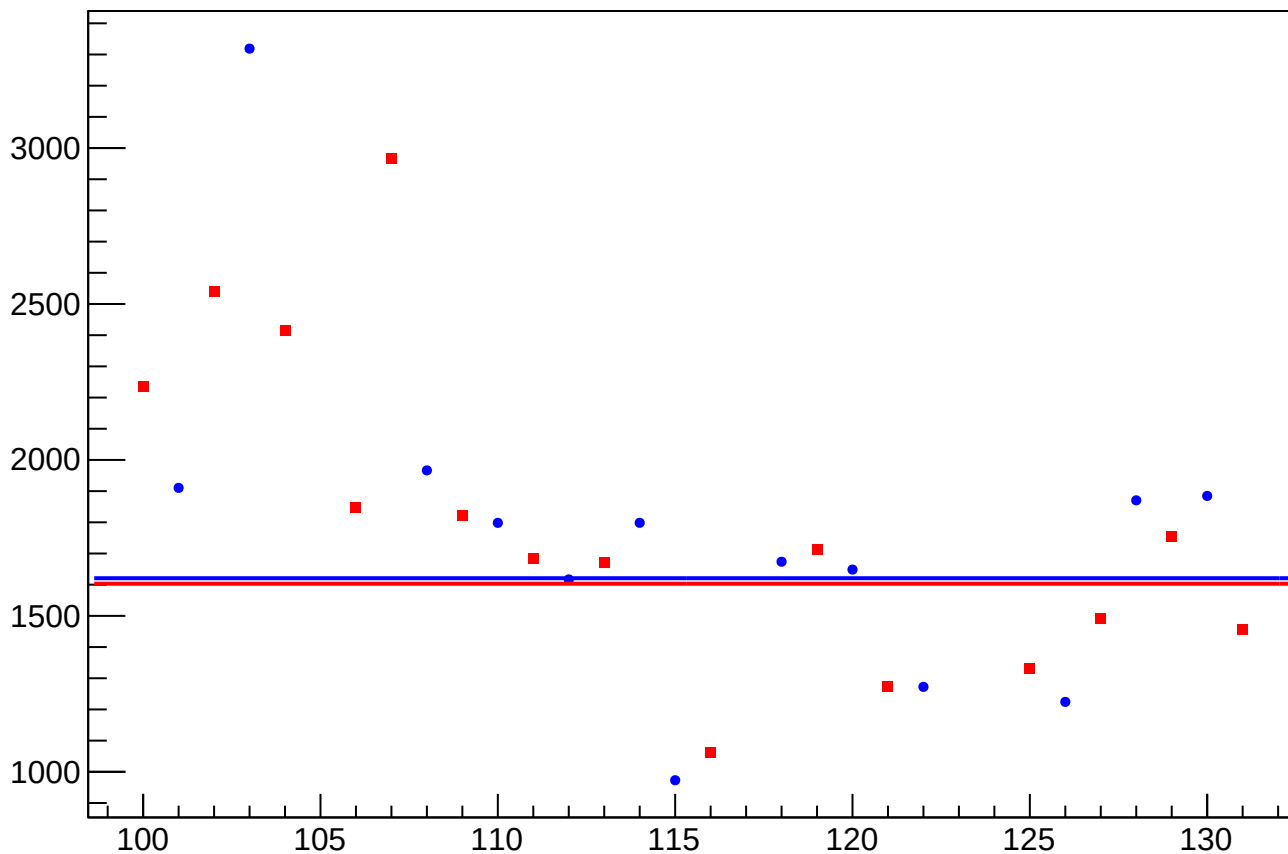
Right: 980.673+/-492.330 χ^2/NDF : 23.8/27

In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.673+/-492.330 χ^2/NDF : 23.8/27

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.134+/-0.480 χ^2/NDF : 634338.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

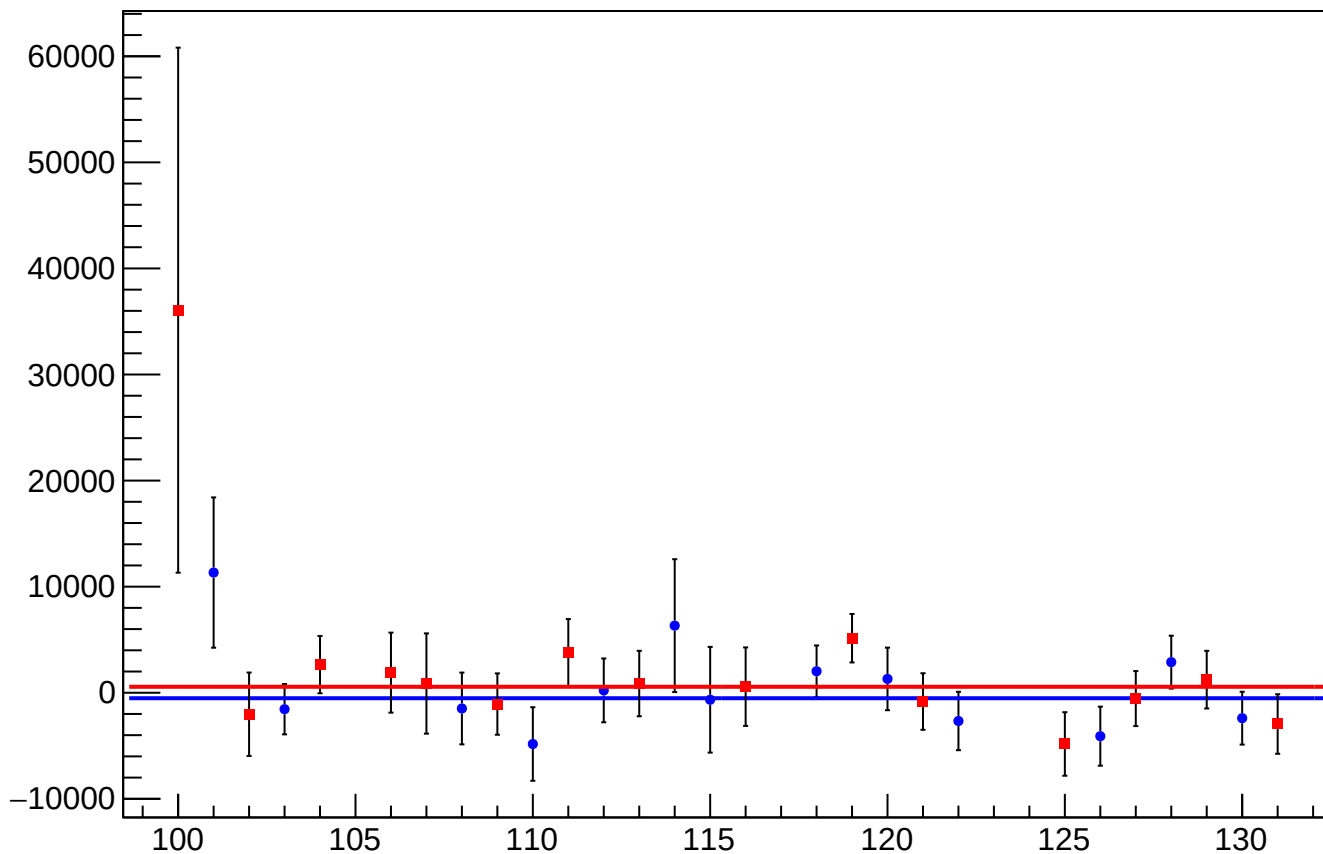
Right: 1611.471+/-0.348 χ^2/NDF : 1318167.4/27

In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.471+/-0.348 χ^2/NDF : 1318167.4/27

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -517.567+/-841.522 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.327+/-798.038 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

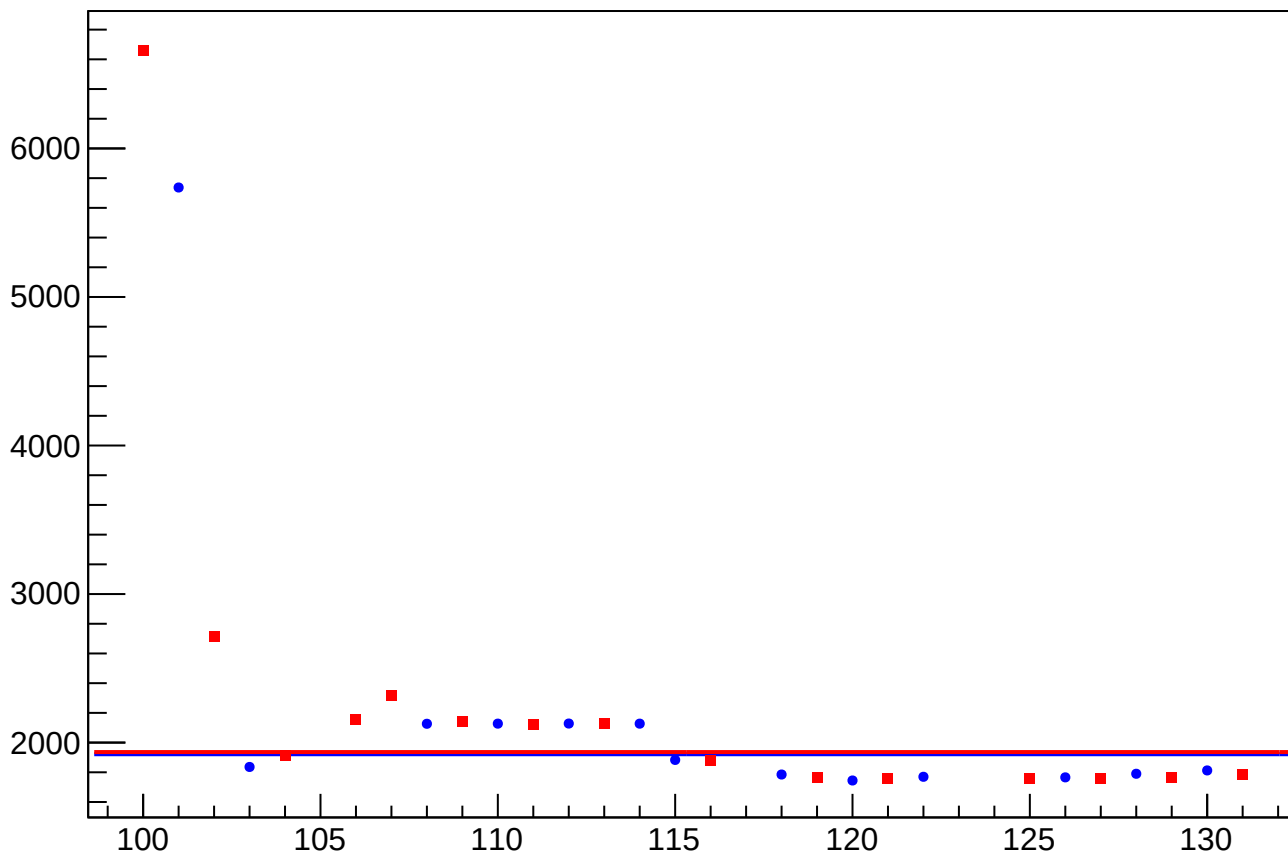
Right: 50.474+/-579.061 χ^2/NDF : 26.8/27

In: -517.567+/-841.522 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.474+/-579.061 χ^2/NDF : 26.8/27

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1921.627+/-0.595 χ^2/NDF : 644038.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.226+/-0.564 χ^2/NDF : 246209.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

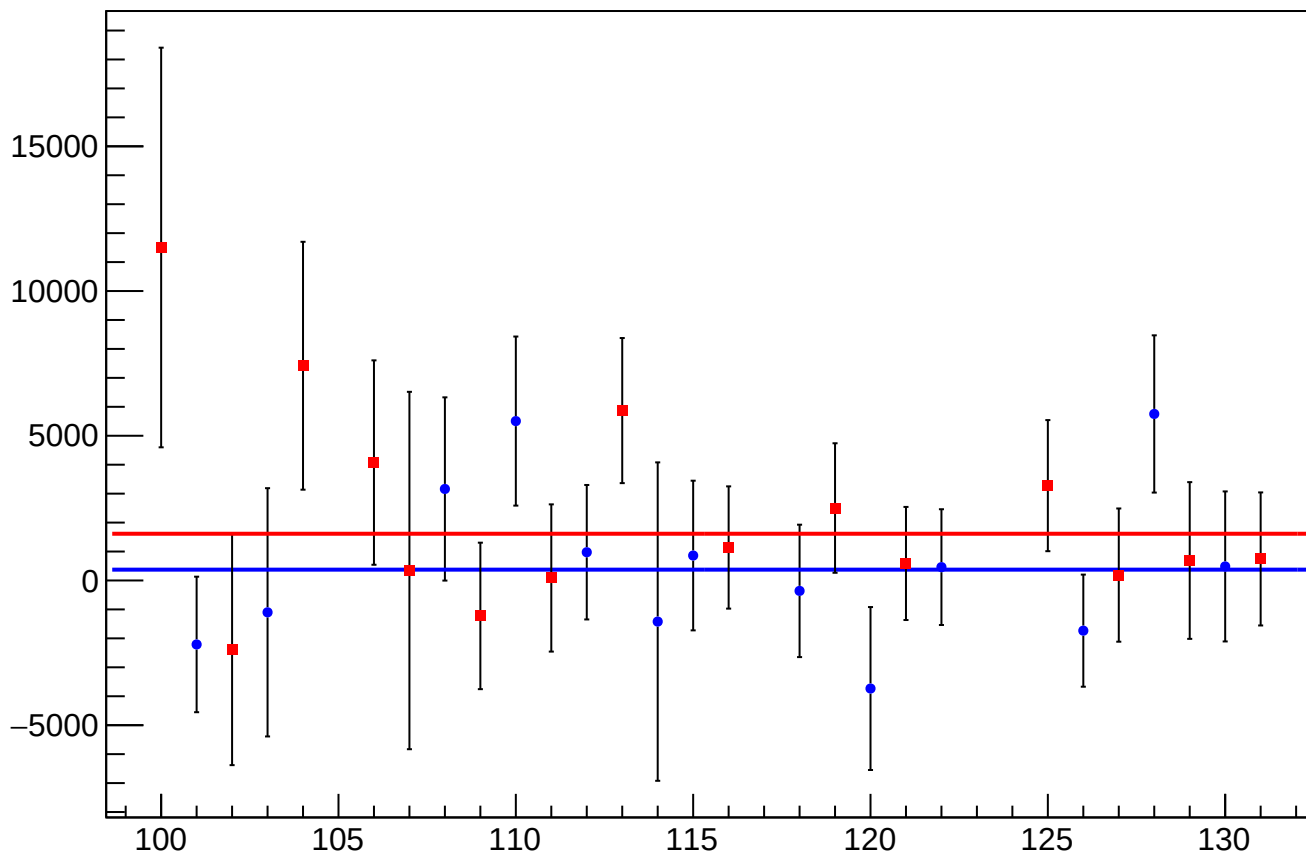
Right: 1929.314+/-0.409 χ^2/NDF : 890564.3/27

In: 1921.627+/-0.595 χ^2/NDF : 644038.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.314+/-0.409 χ^2/NDF : 890564.3/27

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.061+/-717.925 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.373+/-688.401 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

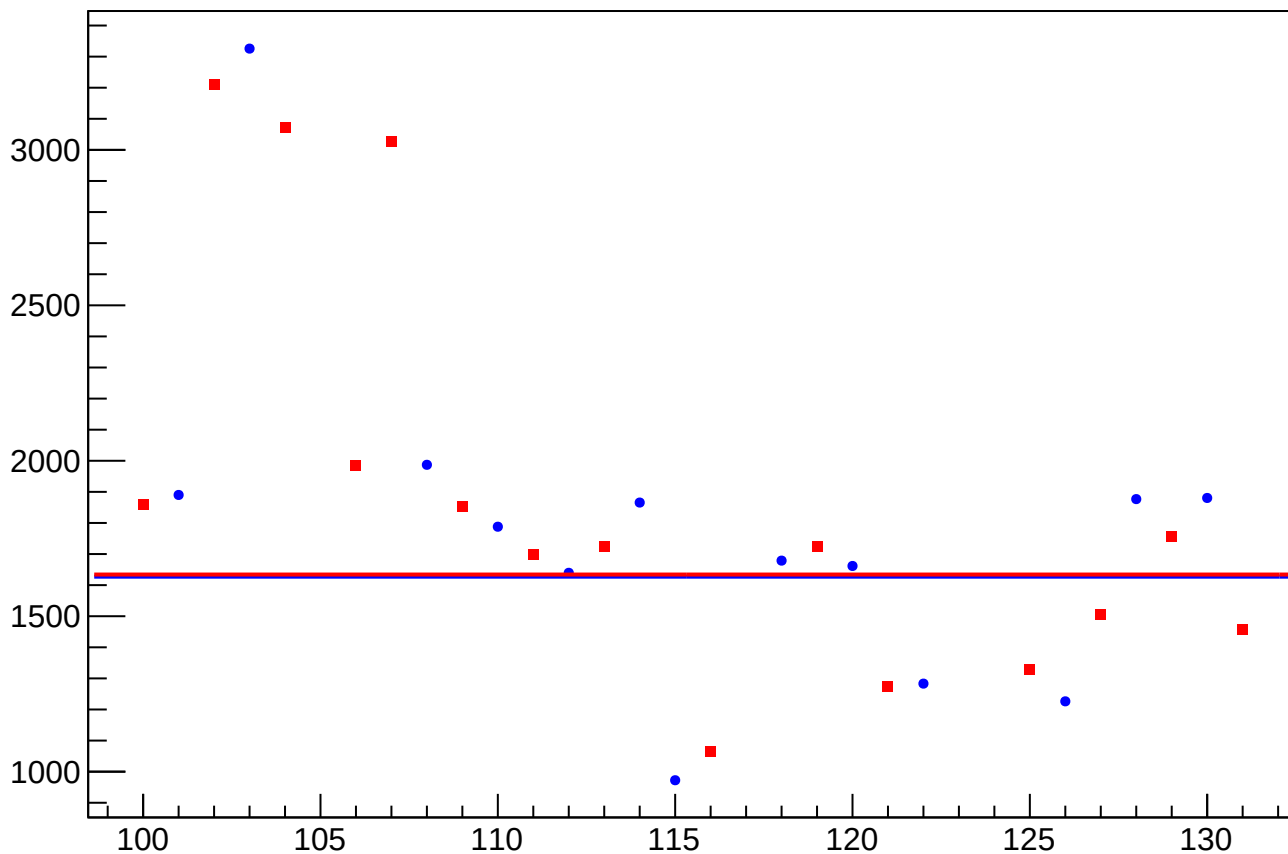
Right: 1020.244+/-496.883 χ^2/NDF : 25.9/27

In: 374.061+/-717.925 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.244+/-496.883 χ^2/NDF : 25.9/27

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1627.250+/-0.508 χ^2/NDF : 685046.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.081+/-0.487 χ^2/NDF : 954447.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

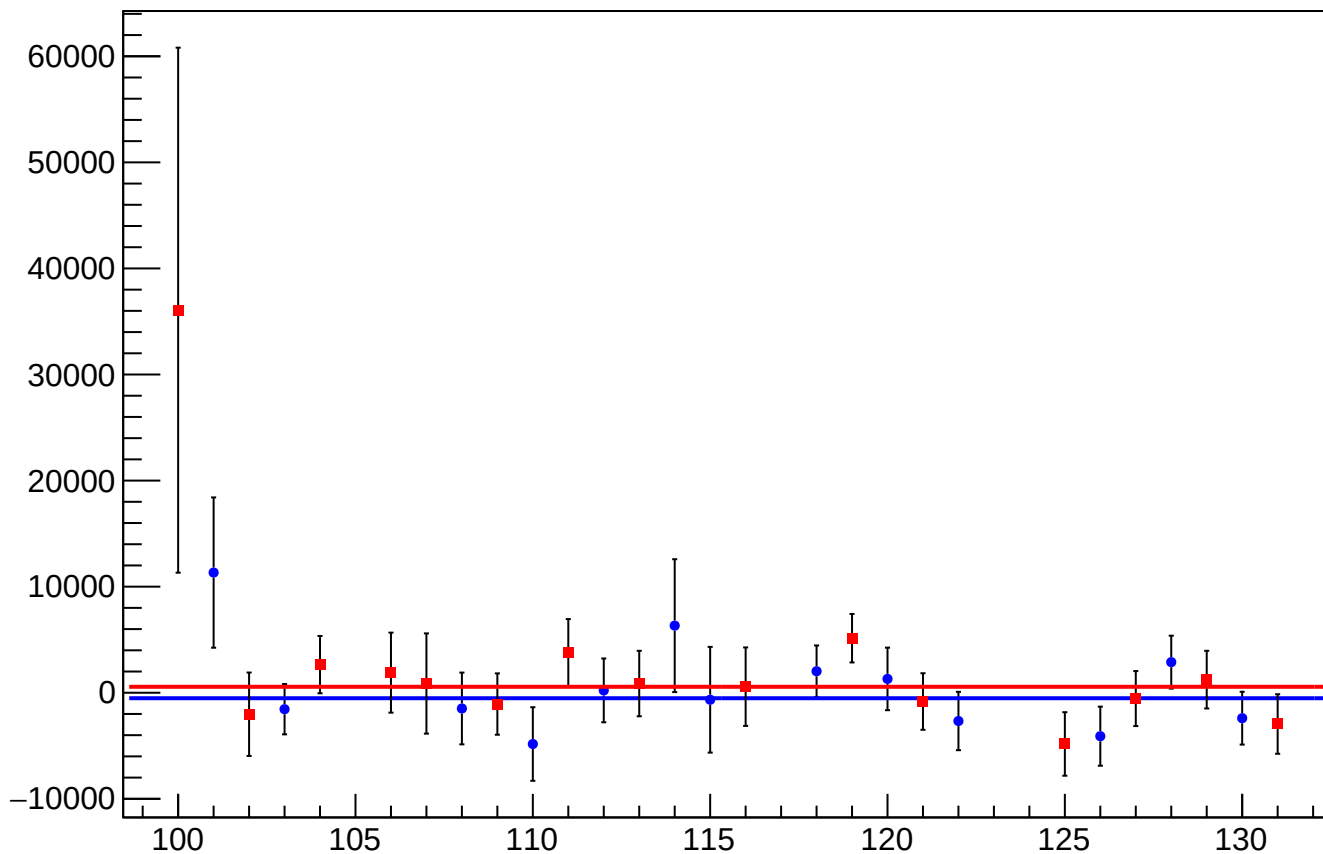
Right: 1630.808+/-0.351 χ^2/NDF : 1639587.6/27

In: 1627.250+/-0.508 χ^2/NDF : 685046.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.808+/-0.351 χ^2/NDF : 1639587.6/27

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -517.568+/-841.522 χ^2 /NDF: 12.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 561.326+/-798.038 χ^2 /NDF: 13.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

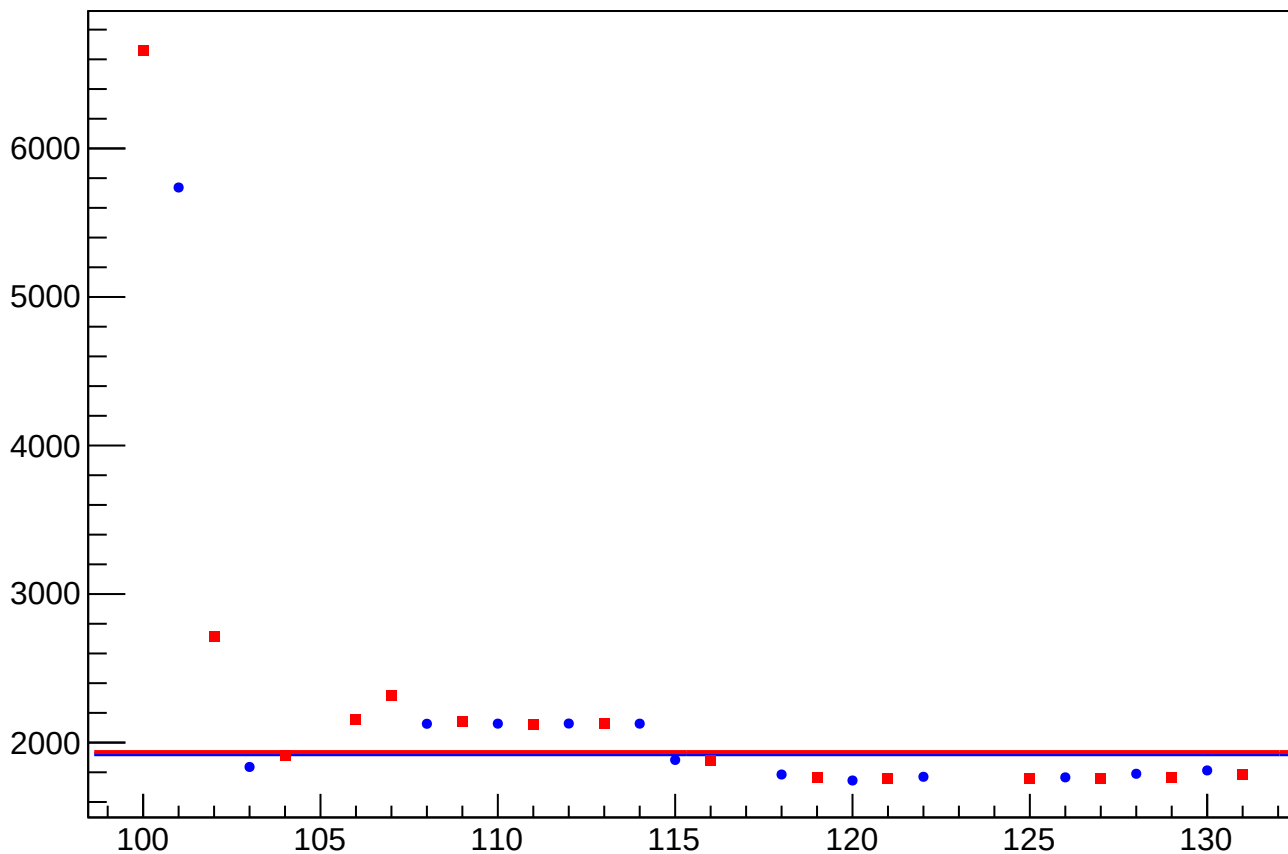
Right: 50.473+/-579.060 χ^2 /NDF: 26.8/27

In: -517.568+/-841.522 χ^2 /NDF:12.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 50.473+/-579.060 χ^2 /NDF: 26.8/27

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1921.627+/-0.595 χ^2/NDF : 644038.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.226+/-0.564 χ^2/NDF : 246209.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

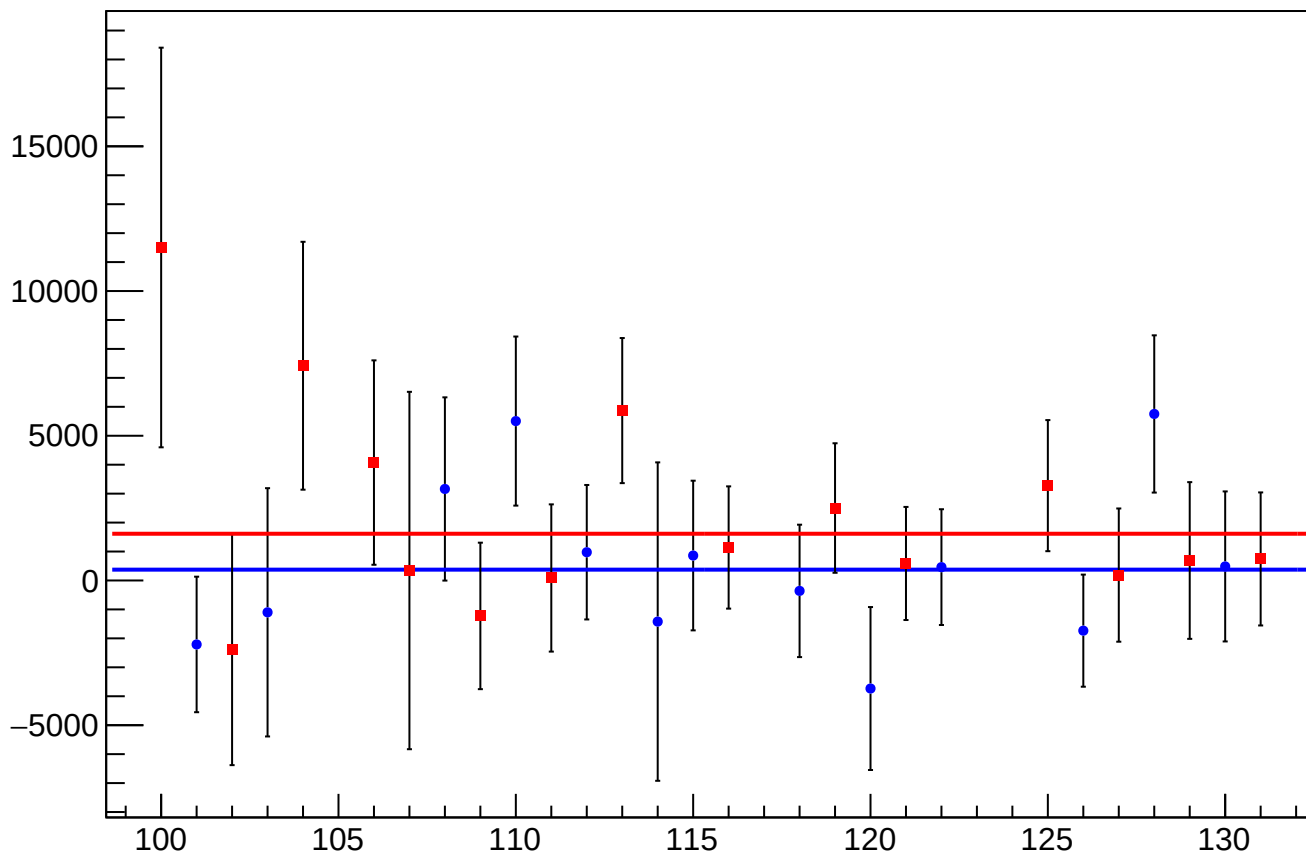
Right: 1929.314+/-0.409 χ^2/NDF : 890564.1/27

In: 1921.627+/-0.595 χ^2/NDF : 644038.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.314+/-0.409 χ^2/NDF : 890564.1/27

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.062+/-717.923 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.369+/-688.400 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

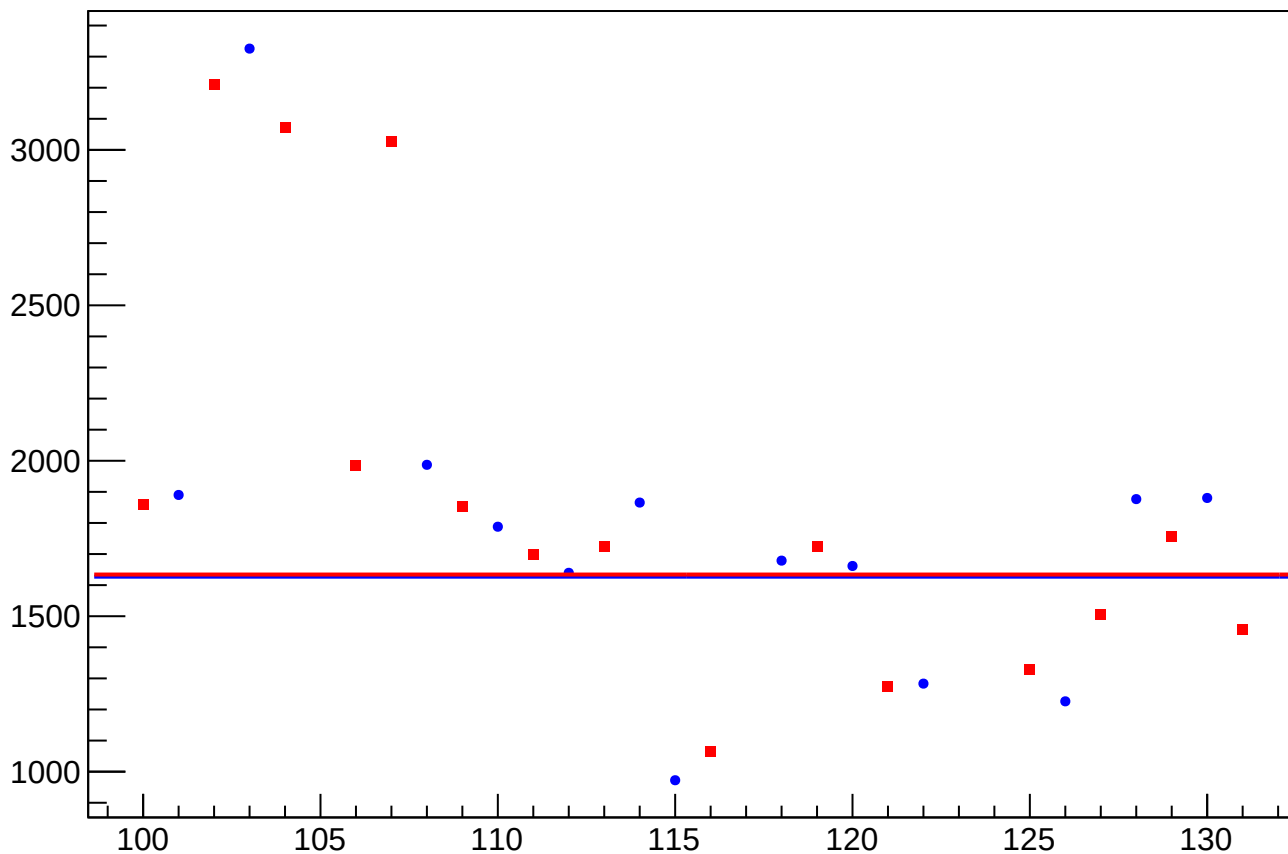
Right: 1020.242+/-496.882 χ^2/NDF : 25.9/27

In: 374.062+/-717.923 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.242+/-496.882 χ^2/NDF : 25.9/27

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1627.246+/-0.508 χ^2/NDF : 685047.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.077+/-0.487 χ^2/NDF : 954452.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

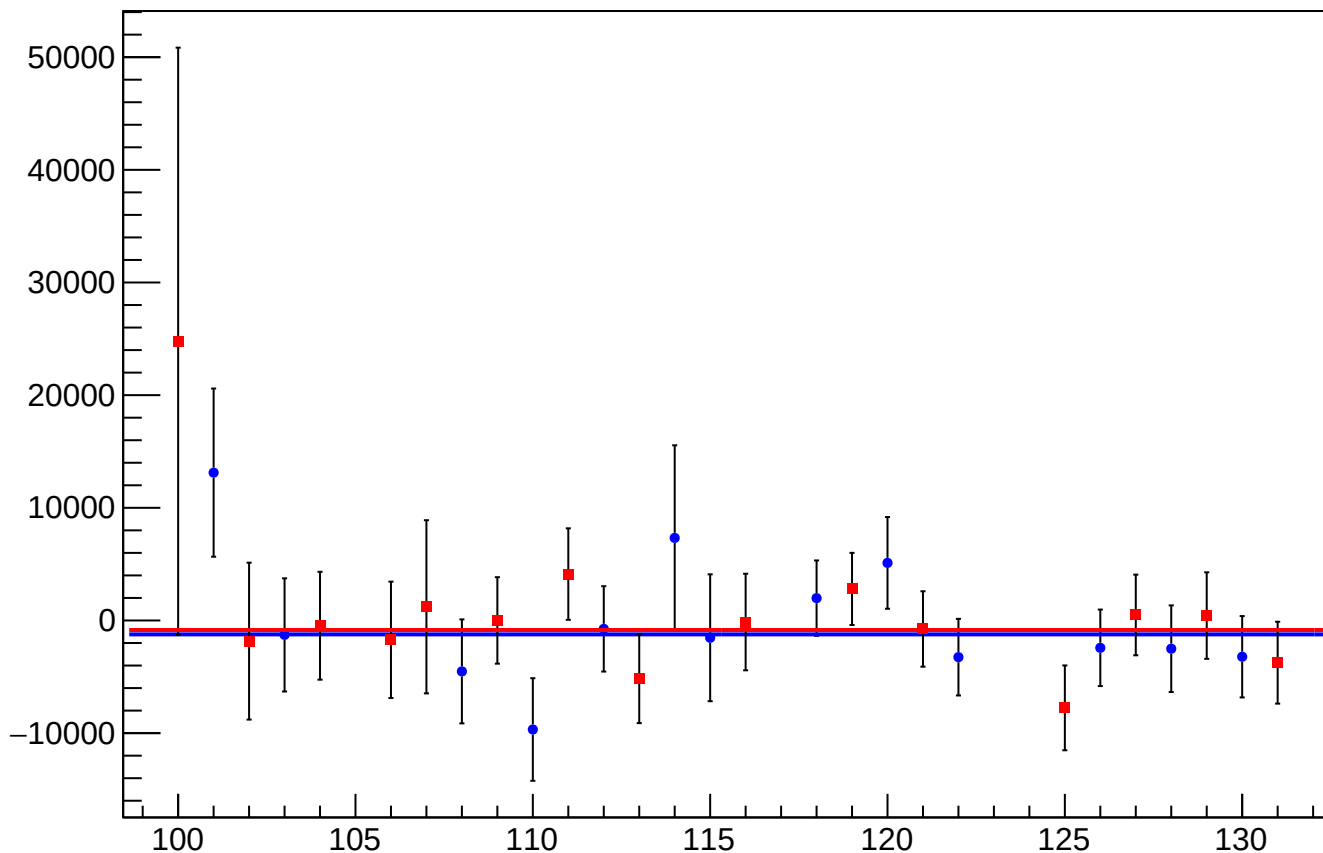
Right: 1630.805+/-0.351 χ^2/NDF : 1639593.5/27

In: 1627.246+/-0.508 χ^2/NDF : 685047.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.805+/-0.351 χ^2/NDF : 1639593.5/27

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1234.939+/-1165.565 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -844.242+/-1086.804 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

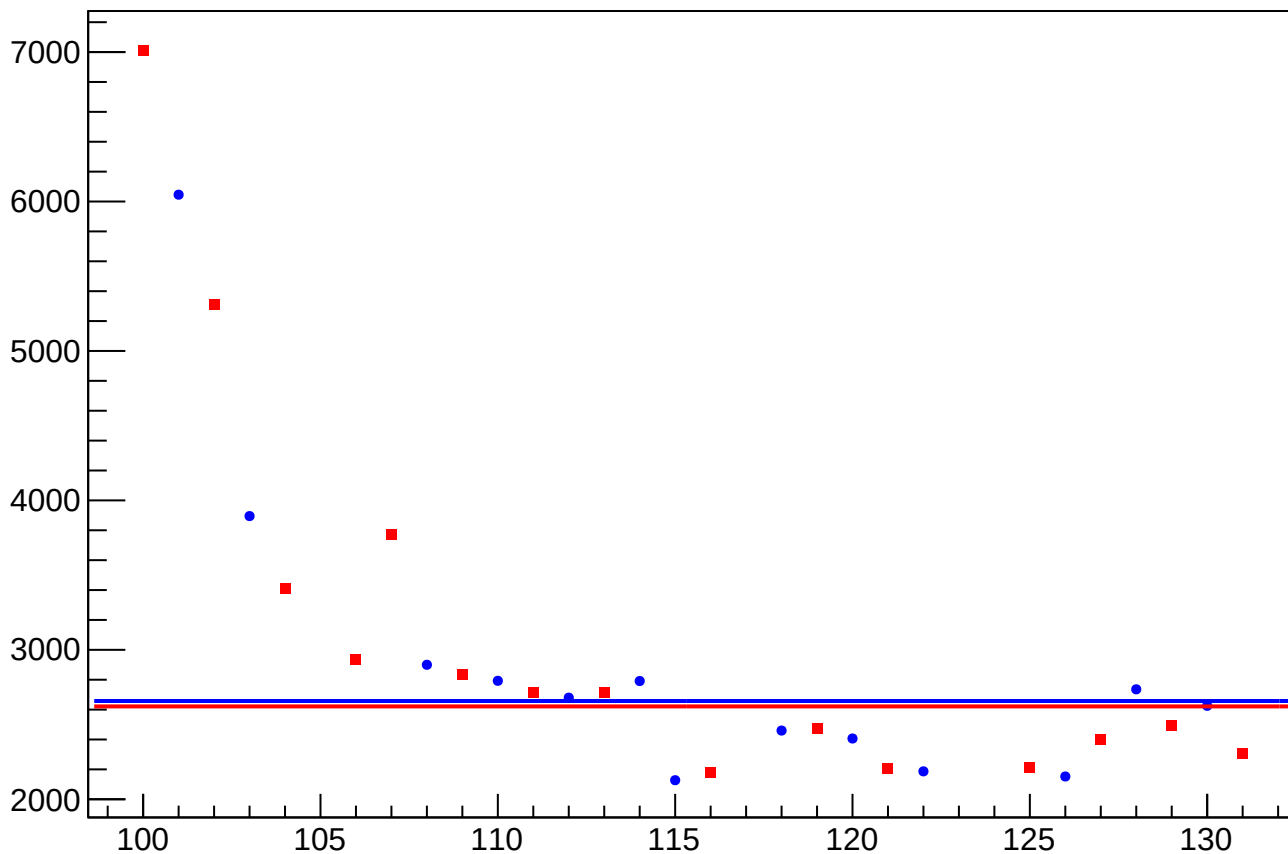
Right: -1025.945+/-794.873 χ^2/NDF : 22.5/27

In: -1234.939+/-1165.565 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1025.945+/-794.873 χ^2/NDF : 22.5/27

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2657.576+/-0.824 χ^2/NDF : 657223.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.330+/-0.768 χ^2/NDF : 574740.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

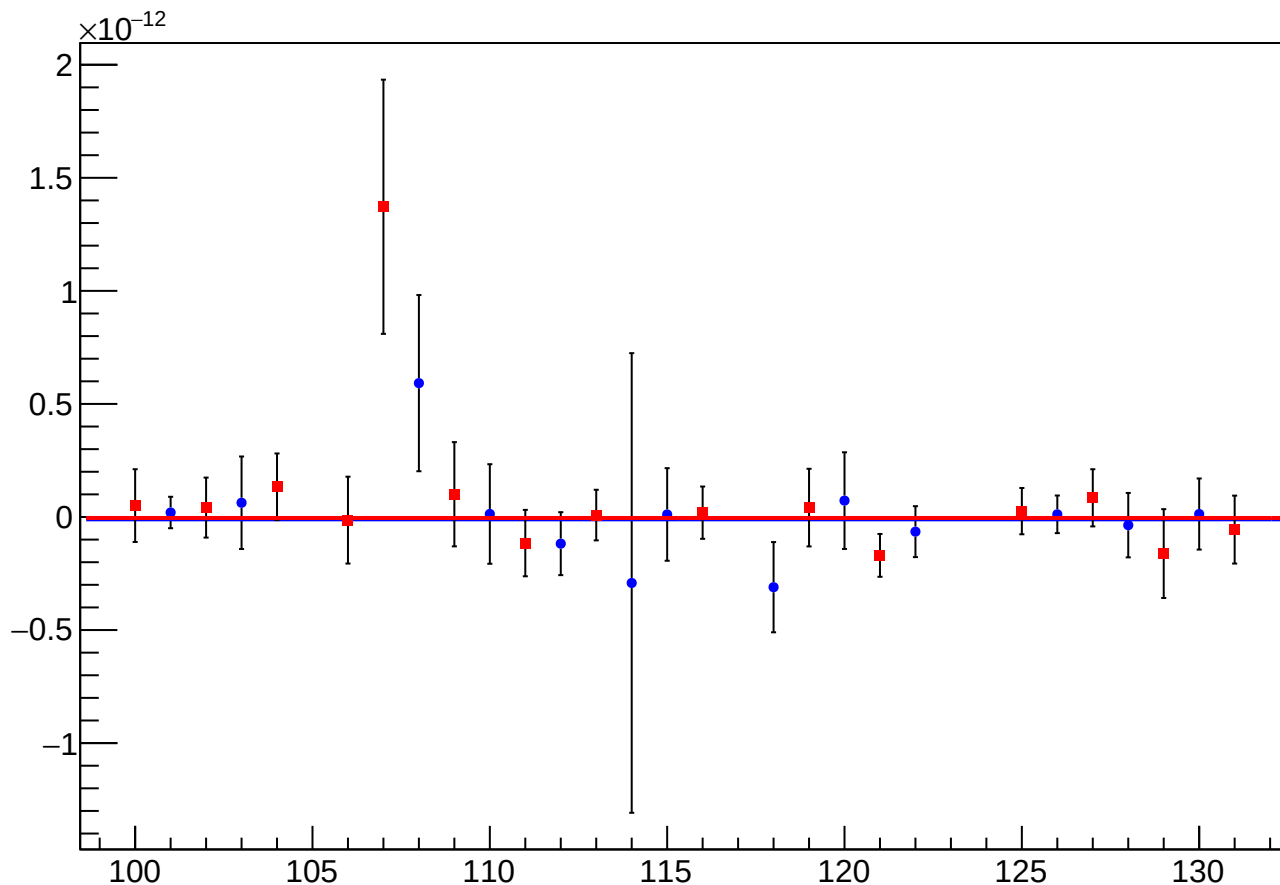
Right: 2638.187+/-0.562 χ^2/NDF : 1232997.7/27

In: 2657.576+/-0.824 χ^2/NDF : 657223.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2638.187+/-0.562 χ^2/NDF : 1232997.7/27

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

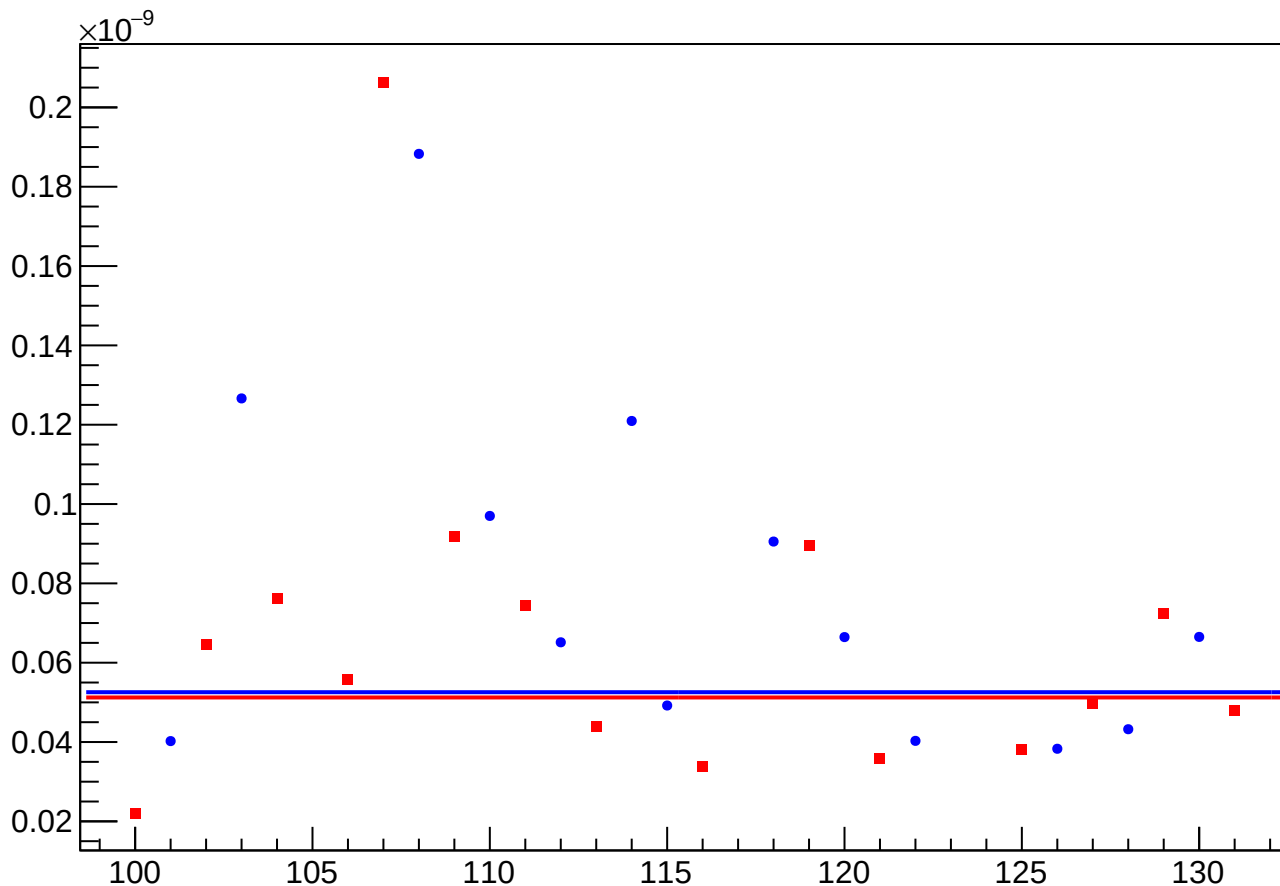
Right: -0.000+/-0.000 χ^2 /NDF: 18.6/27

In: -0.000+/-0.000 χ^2 /NDF:6.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.6/27

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 862870.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 671742.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

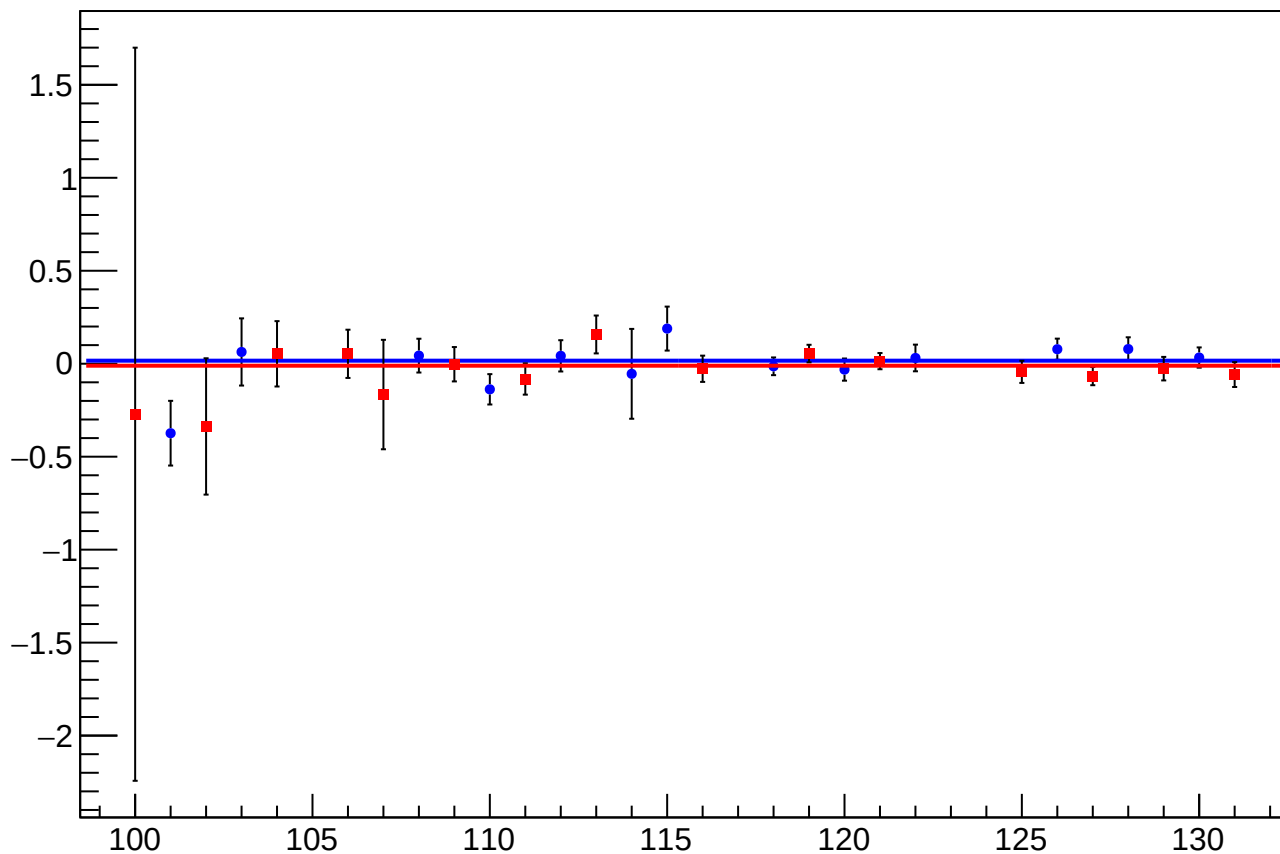
Right: 0.000+/-0.000 χ^2/NDF : 1535894.7/27

In: 0.000+/-0.000 χ^2/NDF : 862870.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1535894.7/27

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.020 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.019 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

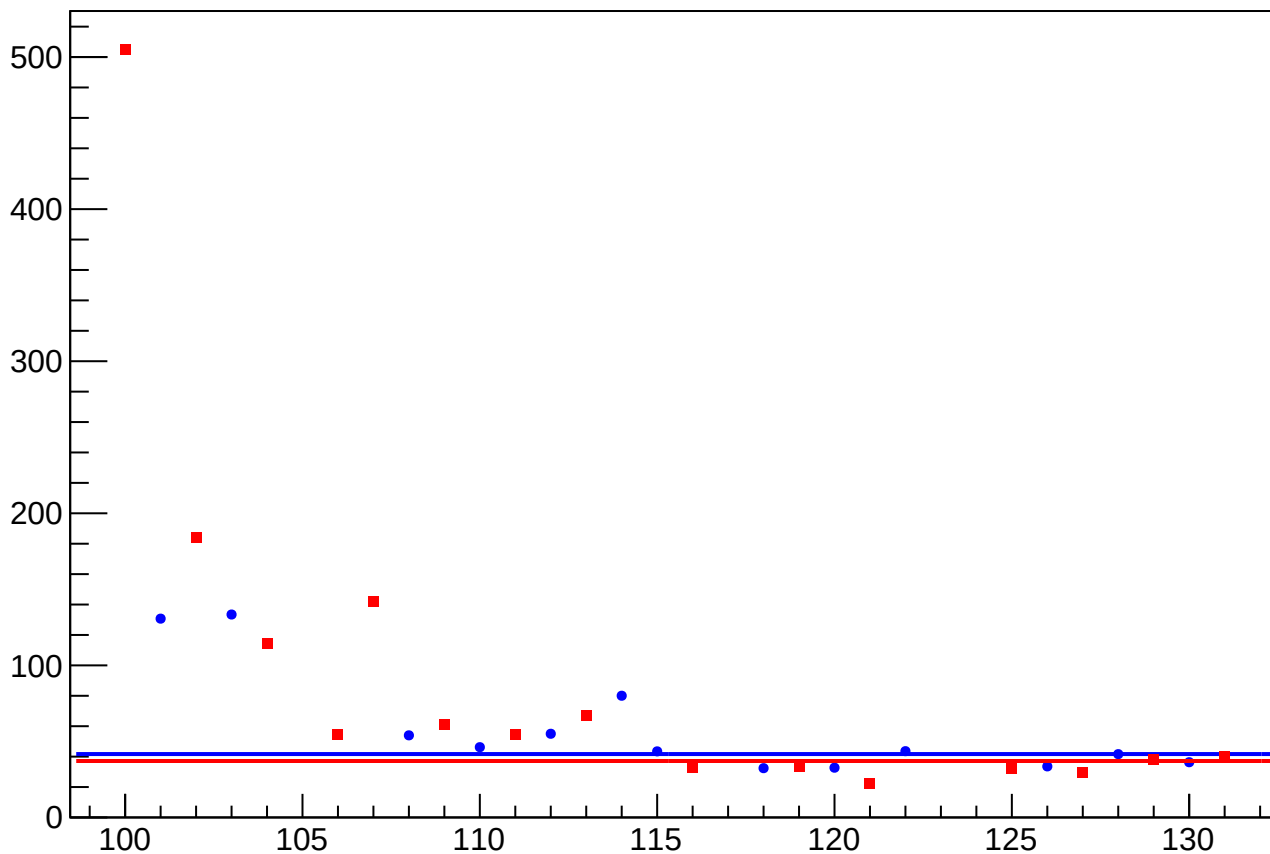
Right: 0.002 $\pm$ 0.014 χ^2 /NDF: 24.7/27

In: 0.016 $\pm$ 0.020 χ^2 /NDF:14.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 24.7/27

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.127+/-0.013 χ^2/NDF : 1833405.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

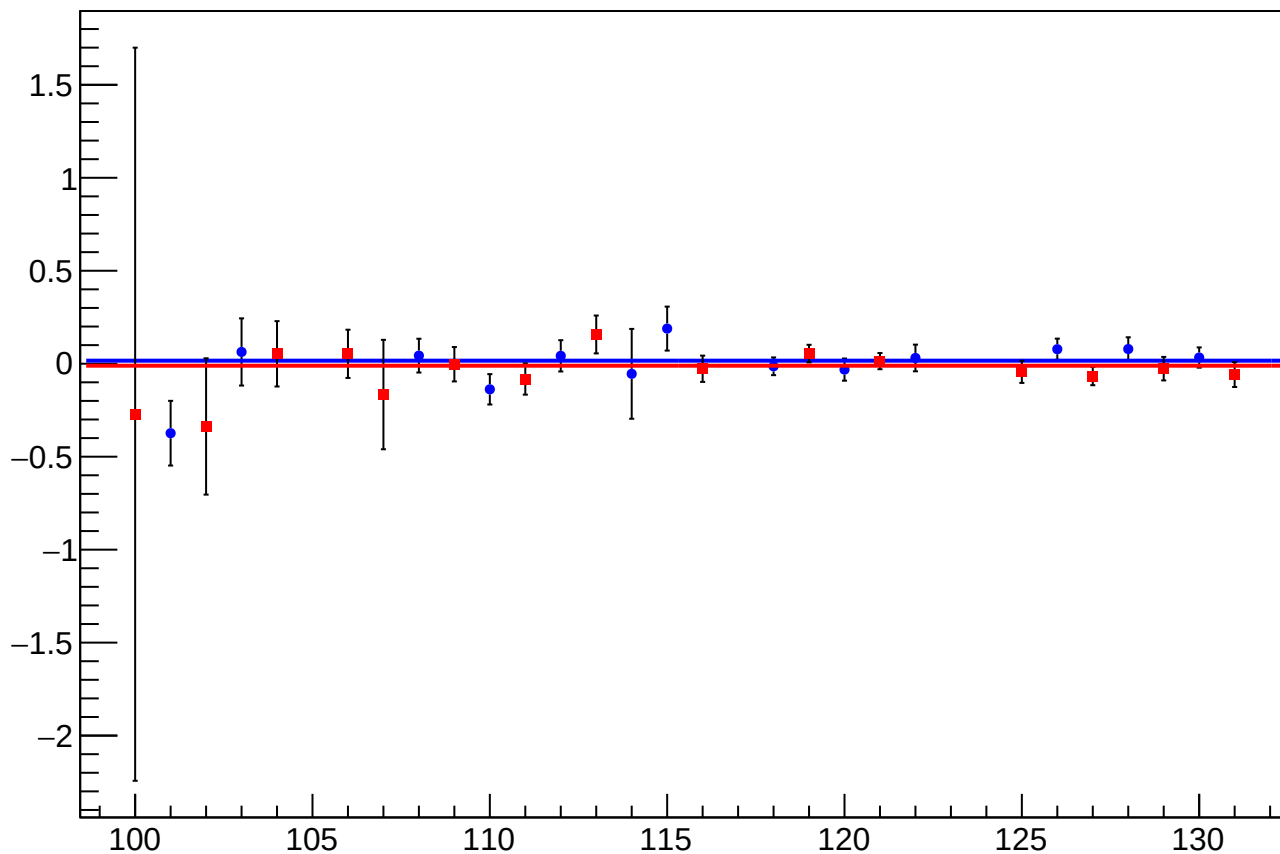
Right: 39.217+/-0.010 χ^2/NDF : 3253453.3/27

In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253453.3/27

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.019 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

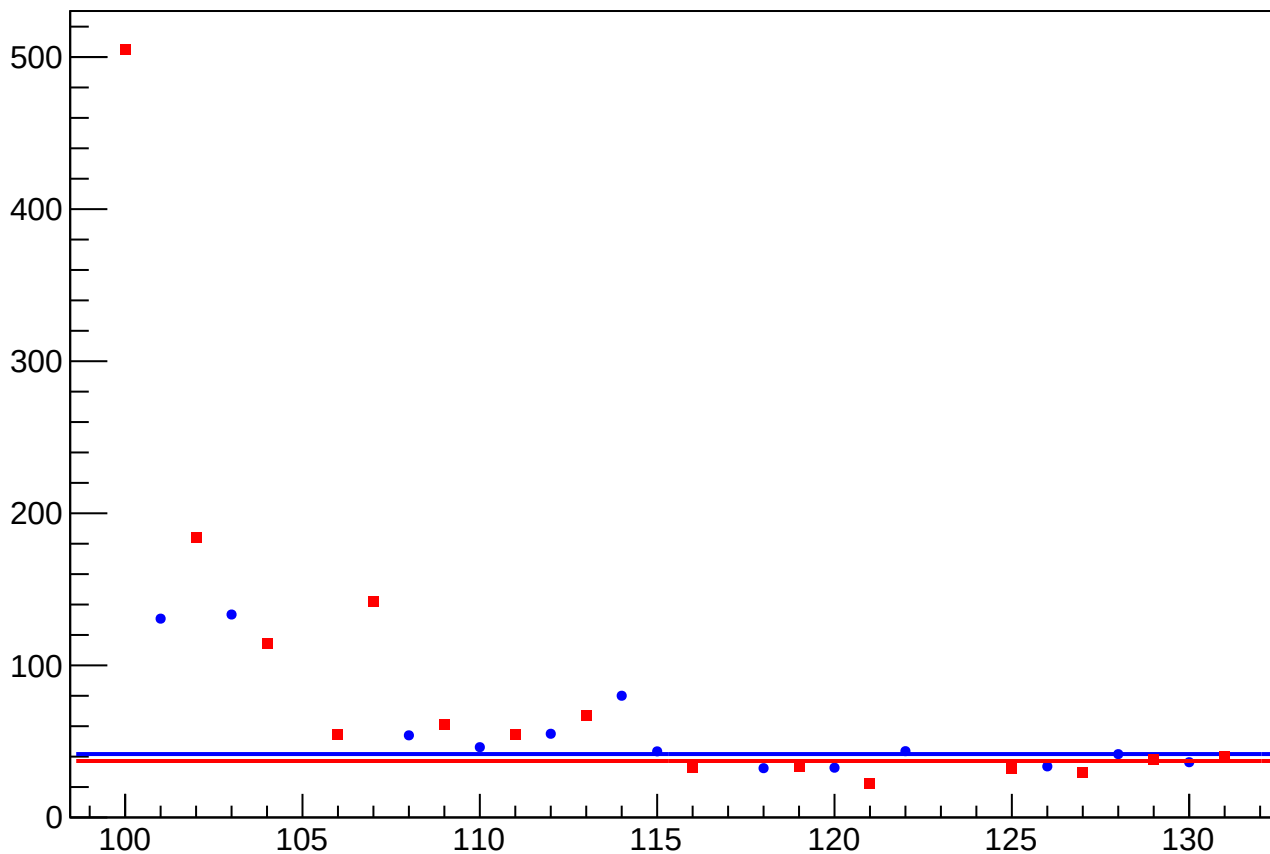
Right: 0.002+/-0.014 χ^2/NDF : 24.7/27

In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.014 χ^2/NDF : 24.7/27

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.127+/-0.013 χ^2/NDF : 1833405.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

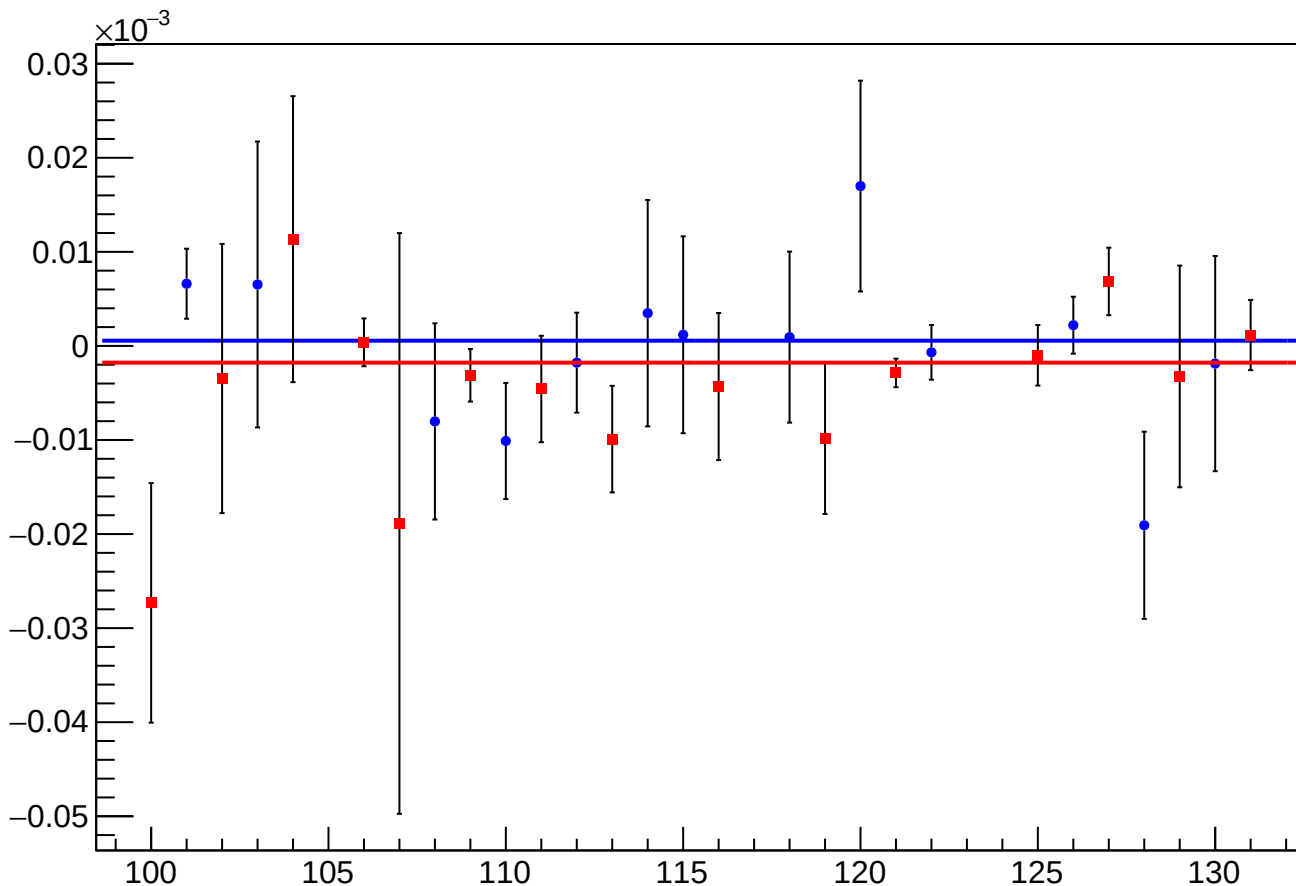
Right: 39.217+/-0.010 χ^2/NDF : 3253453.3/27

In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253453.3/27

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 : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

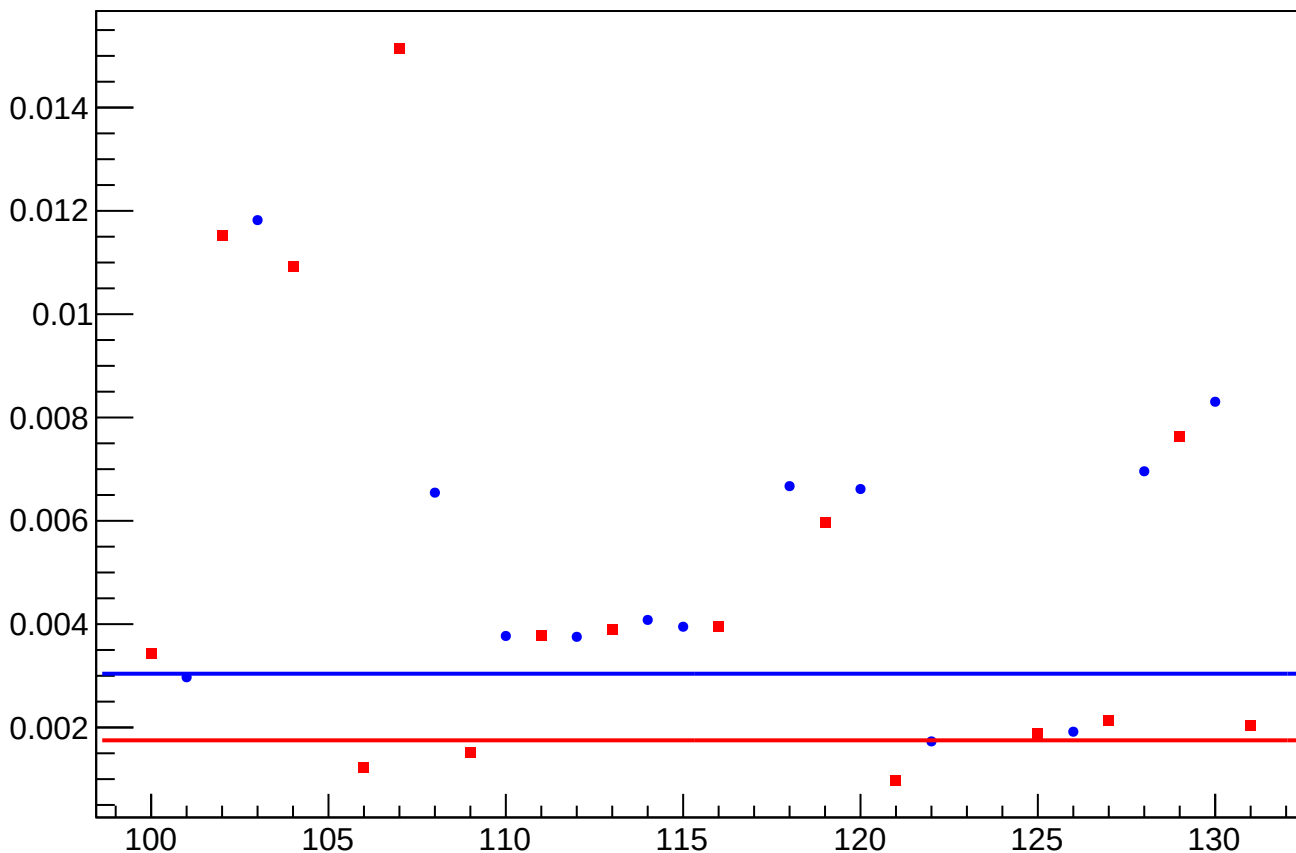
Right: -0.000+/-0.000 χ^2/NDF : 31.4/27

In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/27

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 2926321.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 4493562.5/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 8440582.4/27

In: 0.003+/-0.000

χ^2/NDF : 2926321.3/12

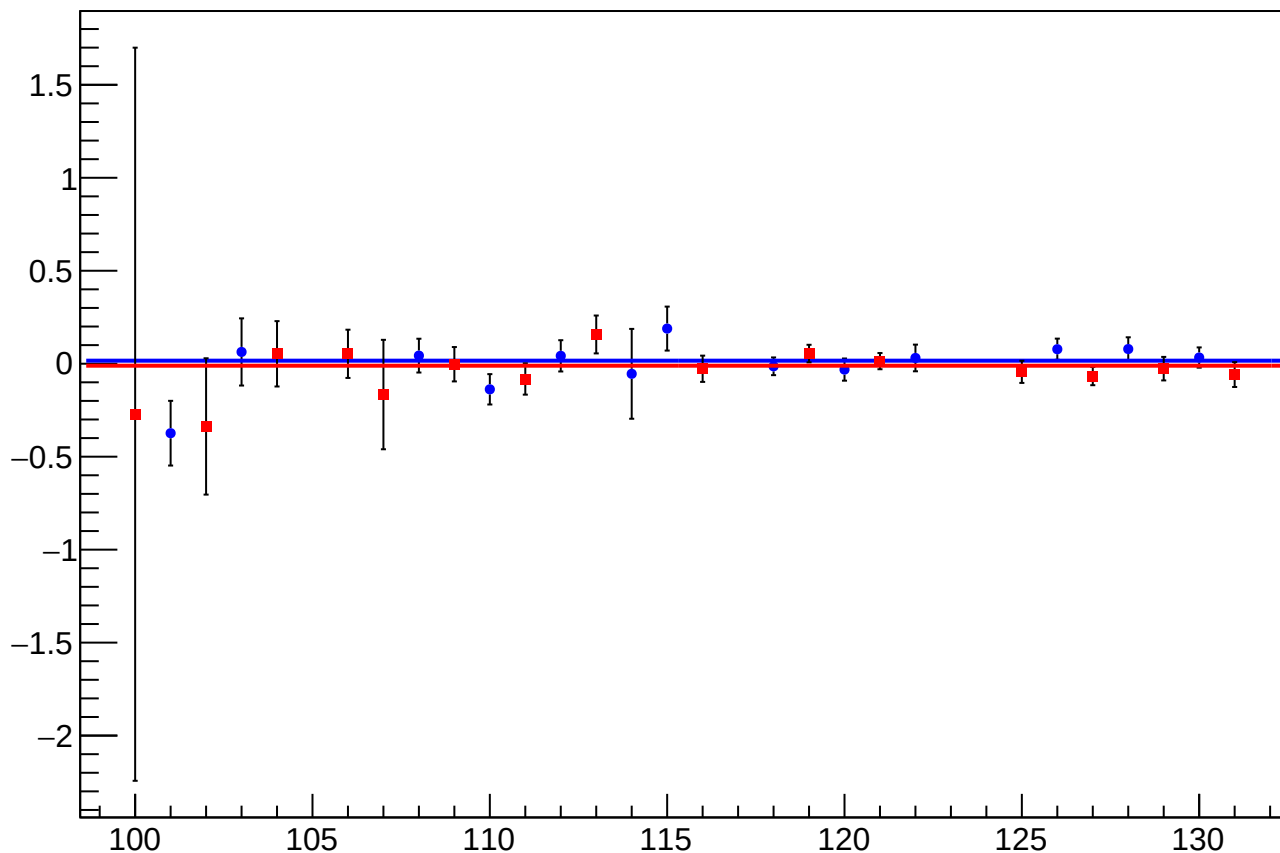
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8440582.4/27

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.020 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.019 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

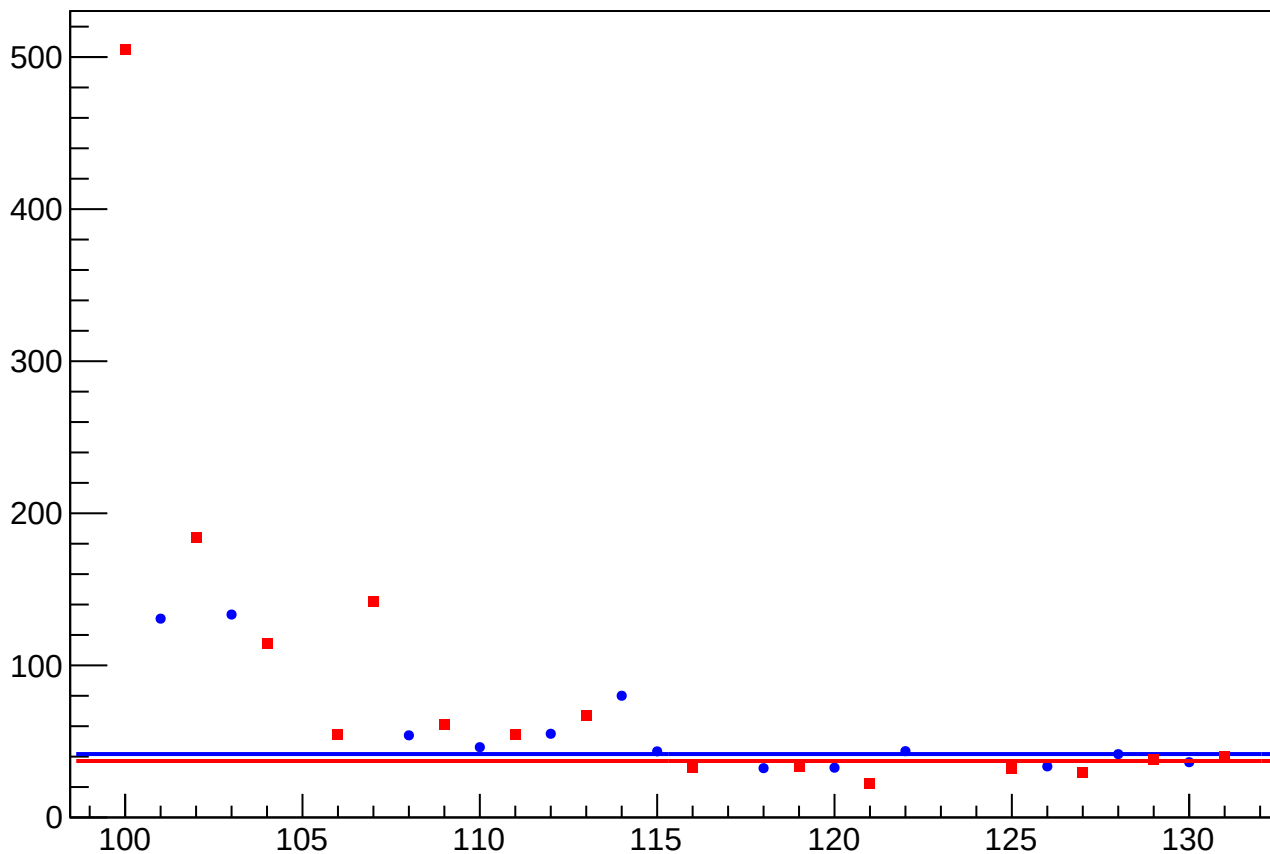
Right: 0.002 $\pm$ 0.014 χ^2 /NDF: 24.7/27

In: 0.016 $\pm$ 0.020 χ^2 /NDF:14.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 24.7/27

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690 $\pm$ 0.014 χ^2 /NDF: 1366235.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.125 $\pm$ 0.013 χ^2 /NDF: 1833405.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

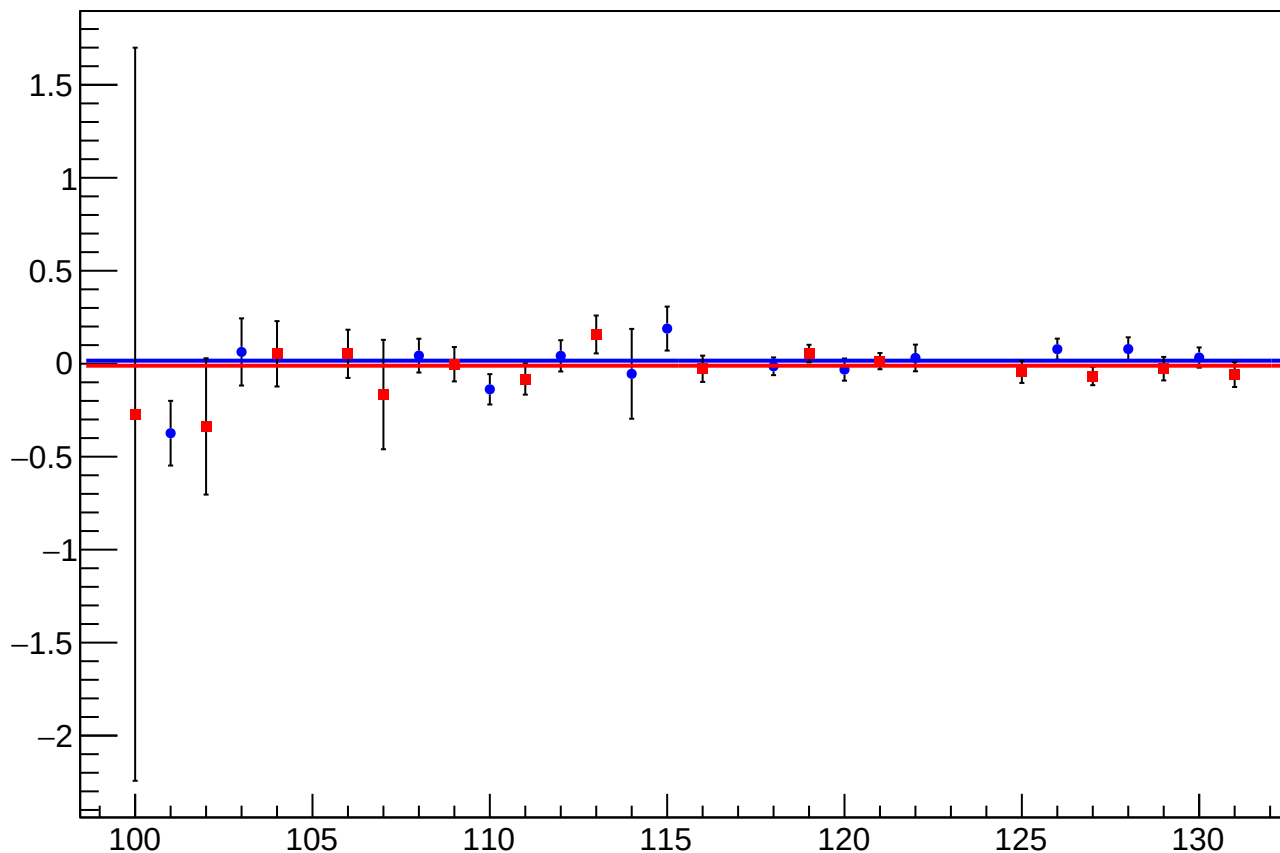
Right: 39.217 $\pm$ 0.010 χ^2 /NDF: 3253397.1/27

In: 41.690 $\pm$ 0.014 χ^2 /NDF:1366235.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.217 $\pm$ 0.010 χ^2 /NDF: 3253397.1/27

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.019 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

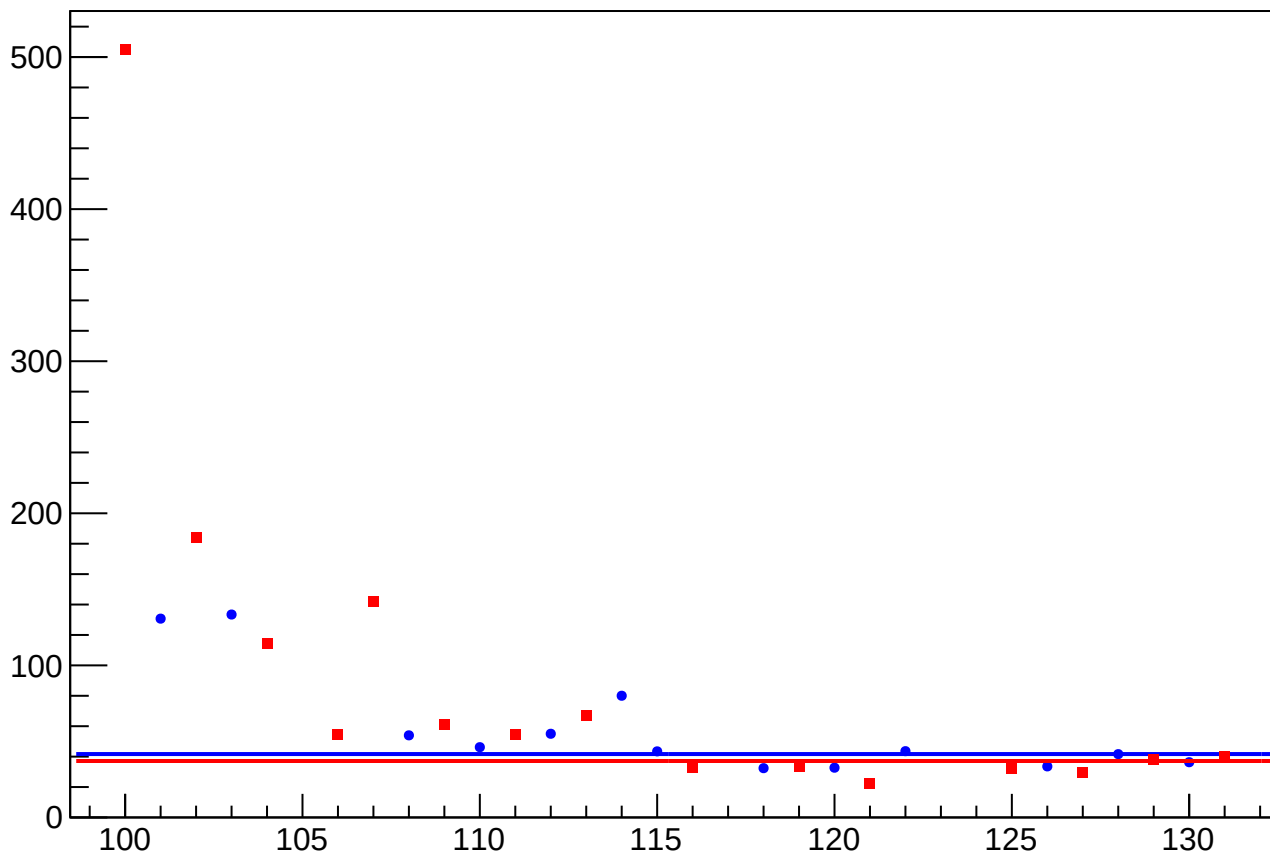
Right: 0.002+/-0.014 χ^2/NDF : 24.7/27

In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.014 χ^2/NDF : 24.7/27

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690+/-0.014 χ^2/NDF : 1366235.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.125+/-0.013 χ^2/NDF : 1833405.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

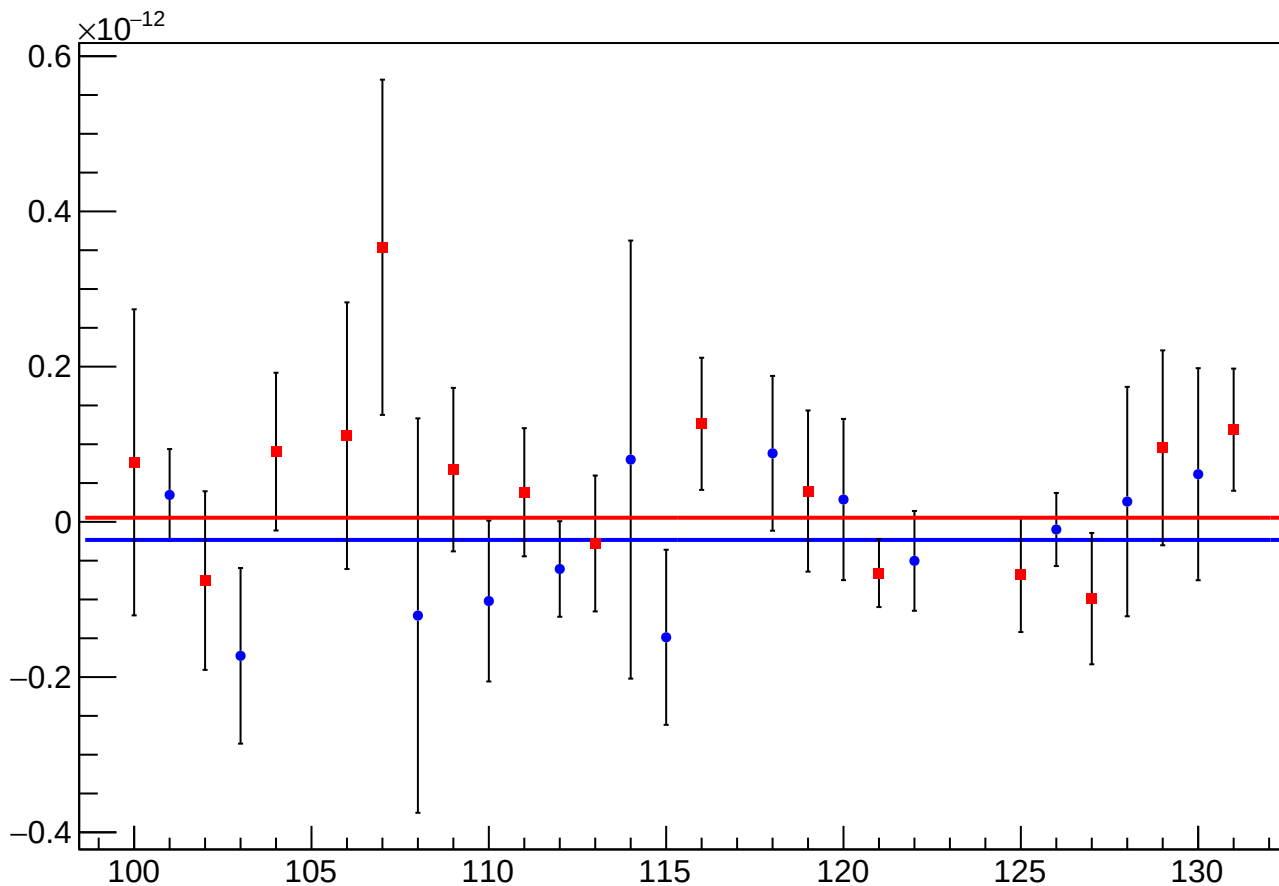
Right: 39.217+/-0.010 χ^2/NDF : 3253397.1/27

In: 41.690+/-0.014 χ^2/NDF : 1366235.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253397.1/27

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 : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

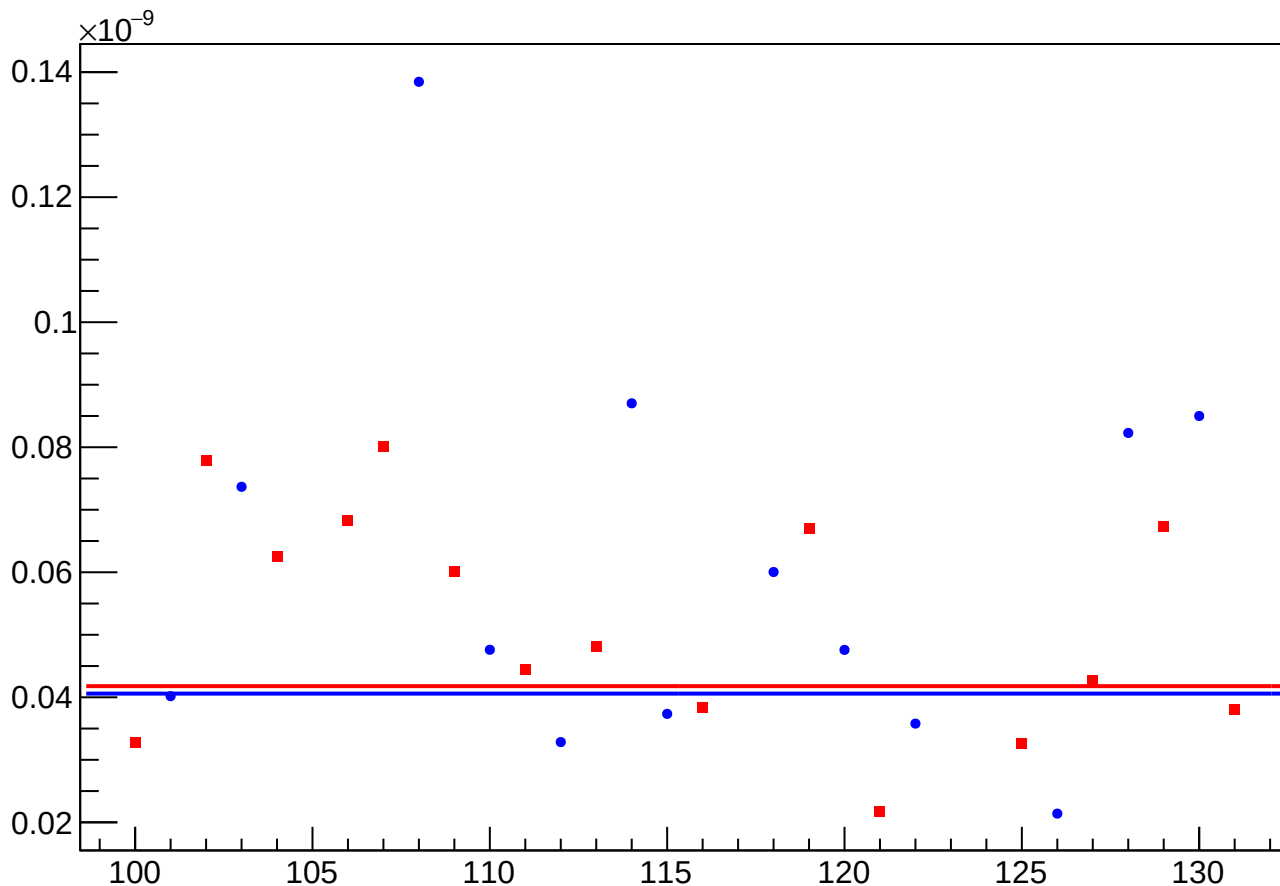
Right: -0.000+/-0.000 χ^2/NDF : 23.0/27

In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.0/27

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 : 1363166.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1127453.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

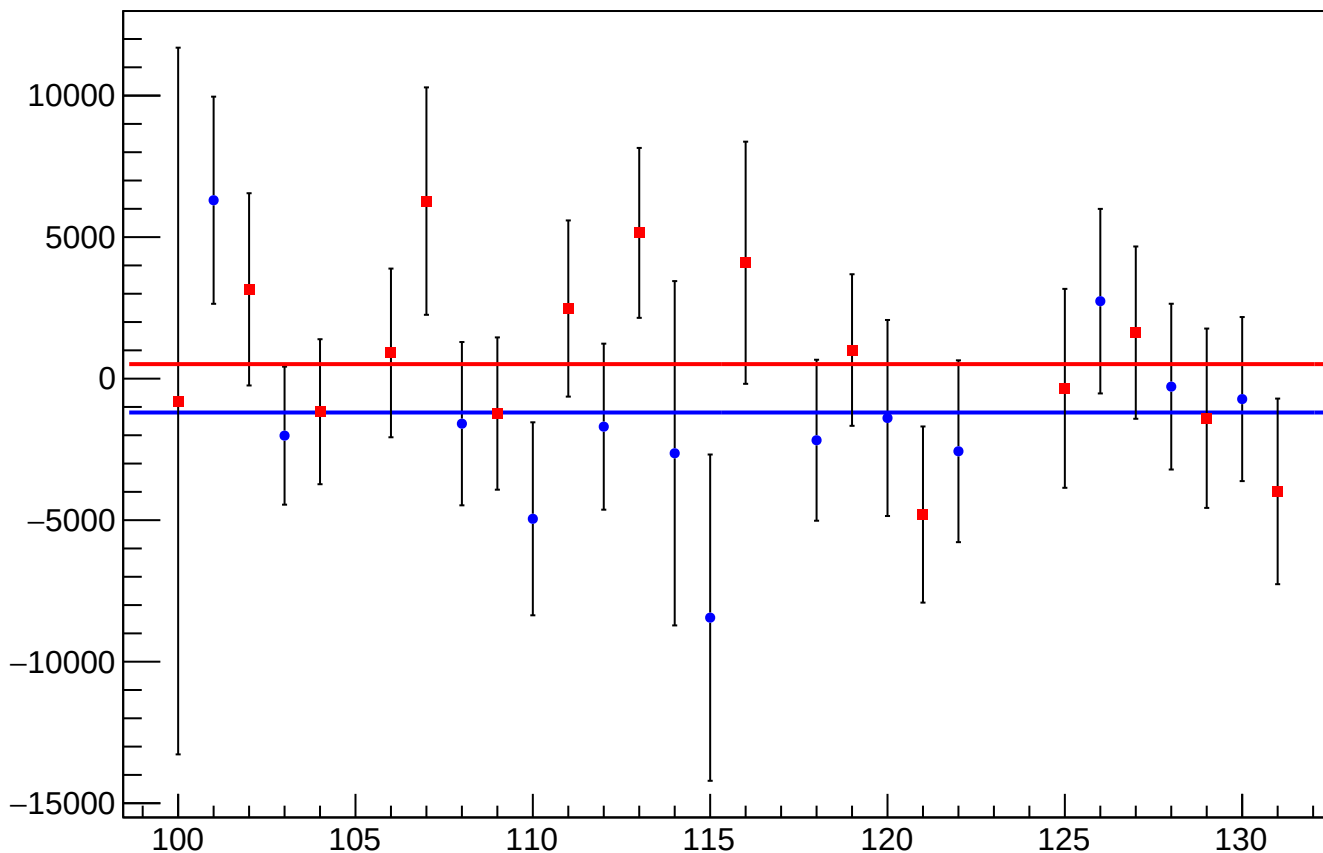
Right: 0.000+/-0.000 χ^2/NDF : 2493276.3/27

In: 0.000+/-0.000 χ^2/NDF : 1363166.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2493276.3/27

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1196.223+/-892.244 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.380+/-830.044 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

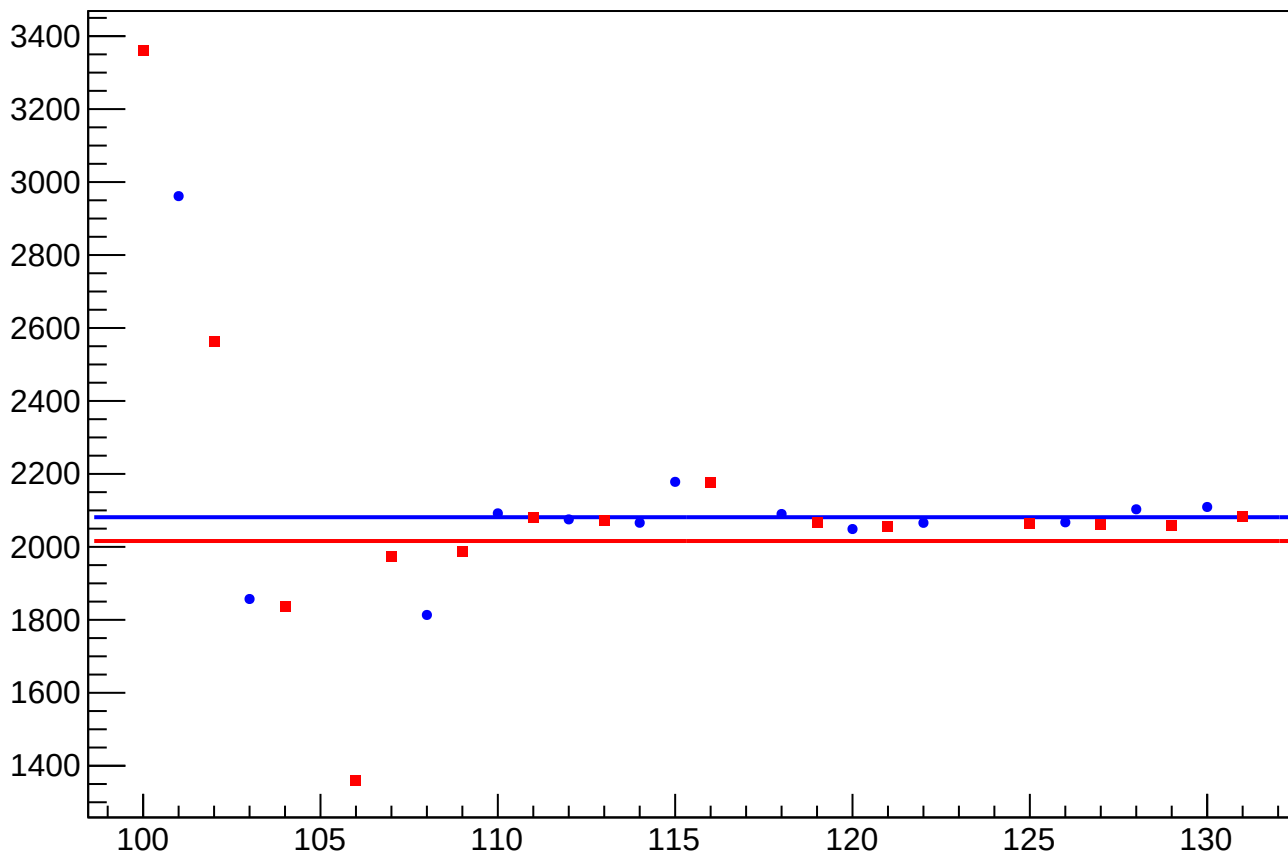
Right: -279.759+/-607.730 χ^2/NDF : 23.5/27

In: -1196.223+/-892.244 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -279.759+/-607.730 χ^2/NDF : 23.5/27

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2081.338+/-0.631 χ^2/NDF : 151022.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.091+/-0.587 χ^2/NDF : 189329.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

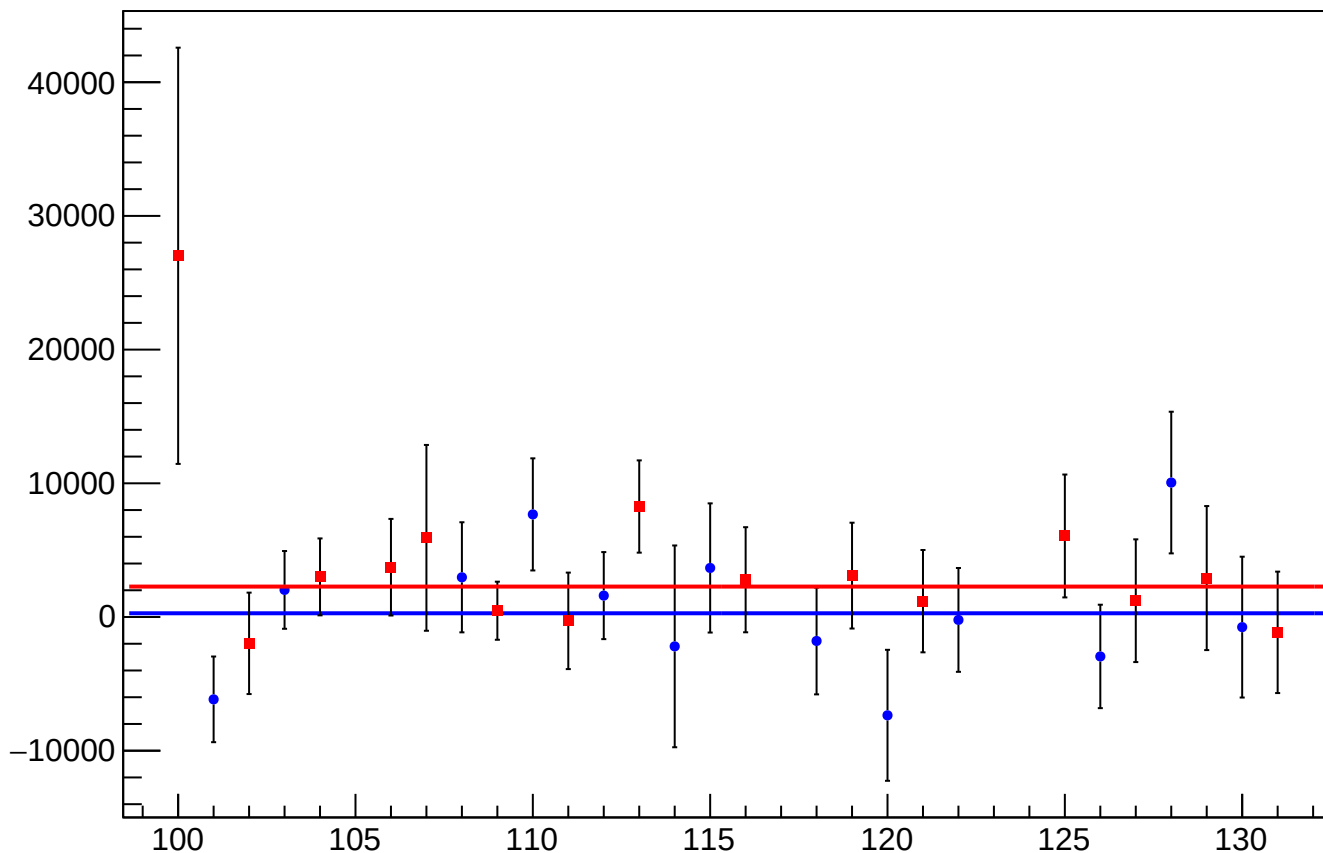
Right: 2046.361+/-0.430 χ^2/NDF : 346086.1/27

In: 2081.338+/-0.631 χ^2/NDF : 151022.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2046.361+/-0.430 χ^2/NDF : 346086.1/27

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 279.088+/-1121.180 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2275.801+/-980.938 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

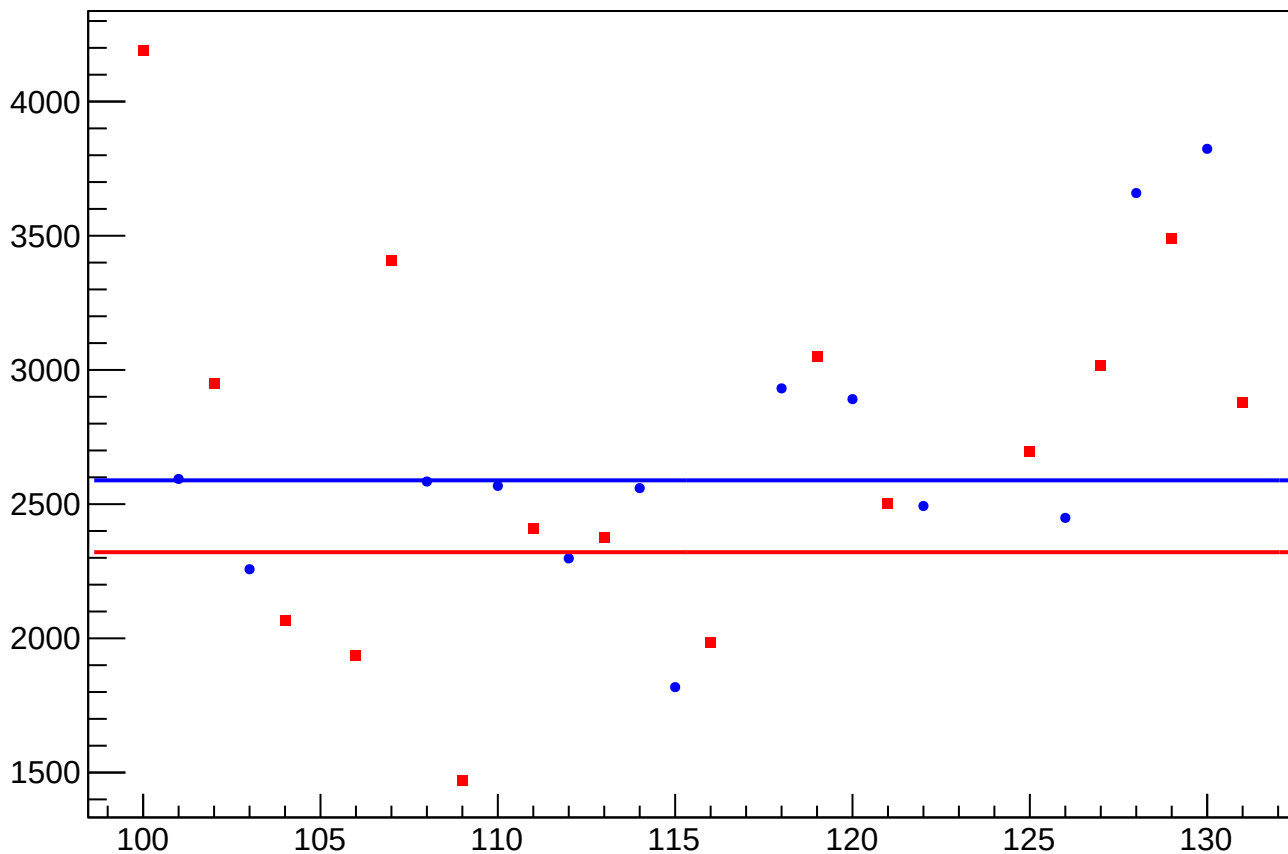
Right: 1410.064+/-738.262 χ^2/NDF : 27.3/27

In: 279.088+/-1121.180 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.064+/-738.262 χ^2/NDF : 27.3/27

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2588.698+/-0.793 χ^2/NDF : 310685.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2320.980+/-0.694 χ^2/NDF : 750300.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

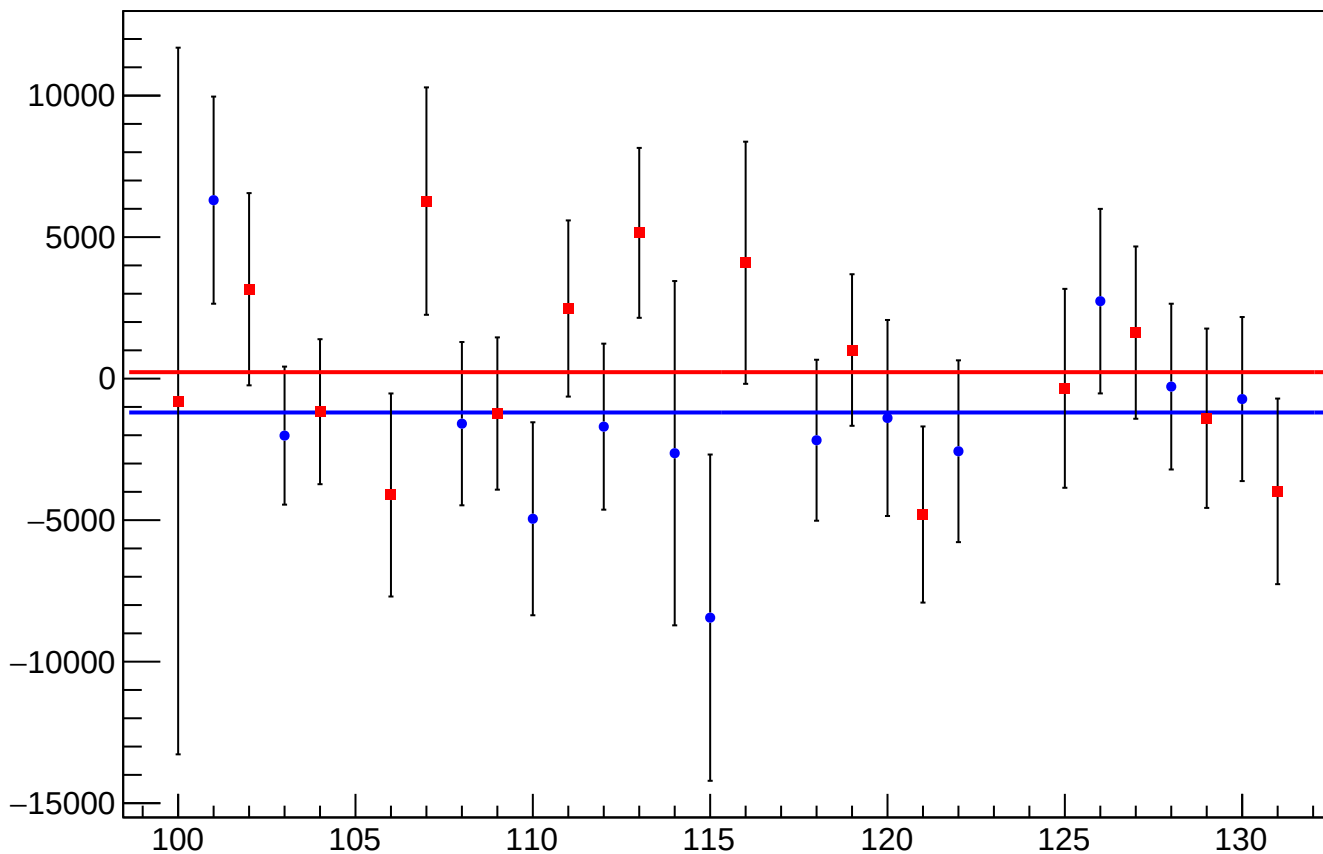
Right: 2437.058+/-0.522 χ^2/NDF : 1125577.3/27

In: 2588.698+/-0.793 χ^2/NDF : 310685.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2437.058+/-0.522 χ^2/NDF : 1125577.3/27

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1196.043 $\pm$ 892.244 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.552 $\pm$ 840.208 χ^2 /NDF: 13.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

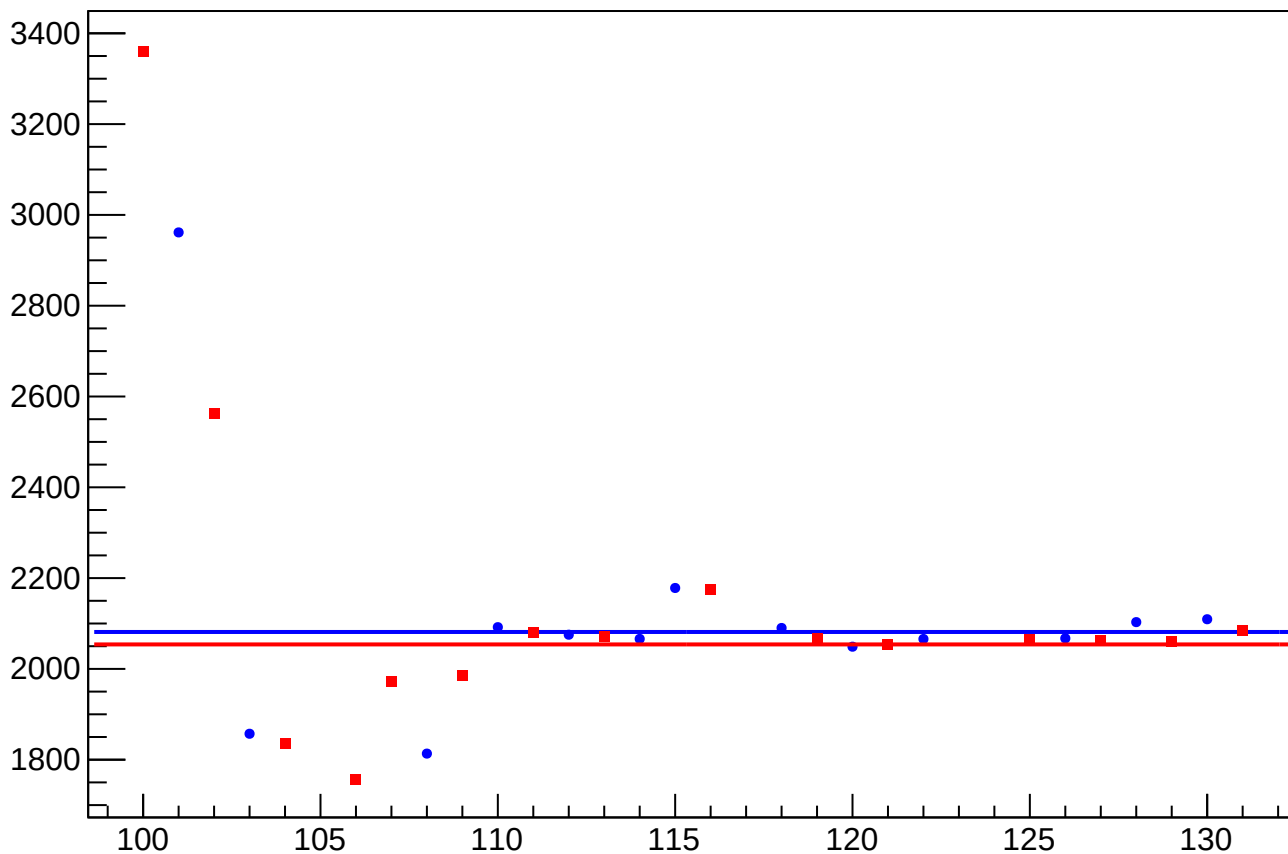
Right: -440.994 $\pm$ 611.686 χ^2 /NDF: 24.4/27

In: -1196.043 $\pm$ 892.244 χ^2 /NDF:9.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -440.994 $\pm$ 611.686 χ^2 /NDF: 24.4/27

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2081.338+/-0.631 χ^2/NDF : 151023.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.915+/-0.594 χ^2/NDF : 99095.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

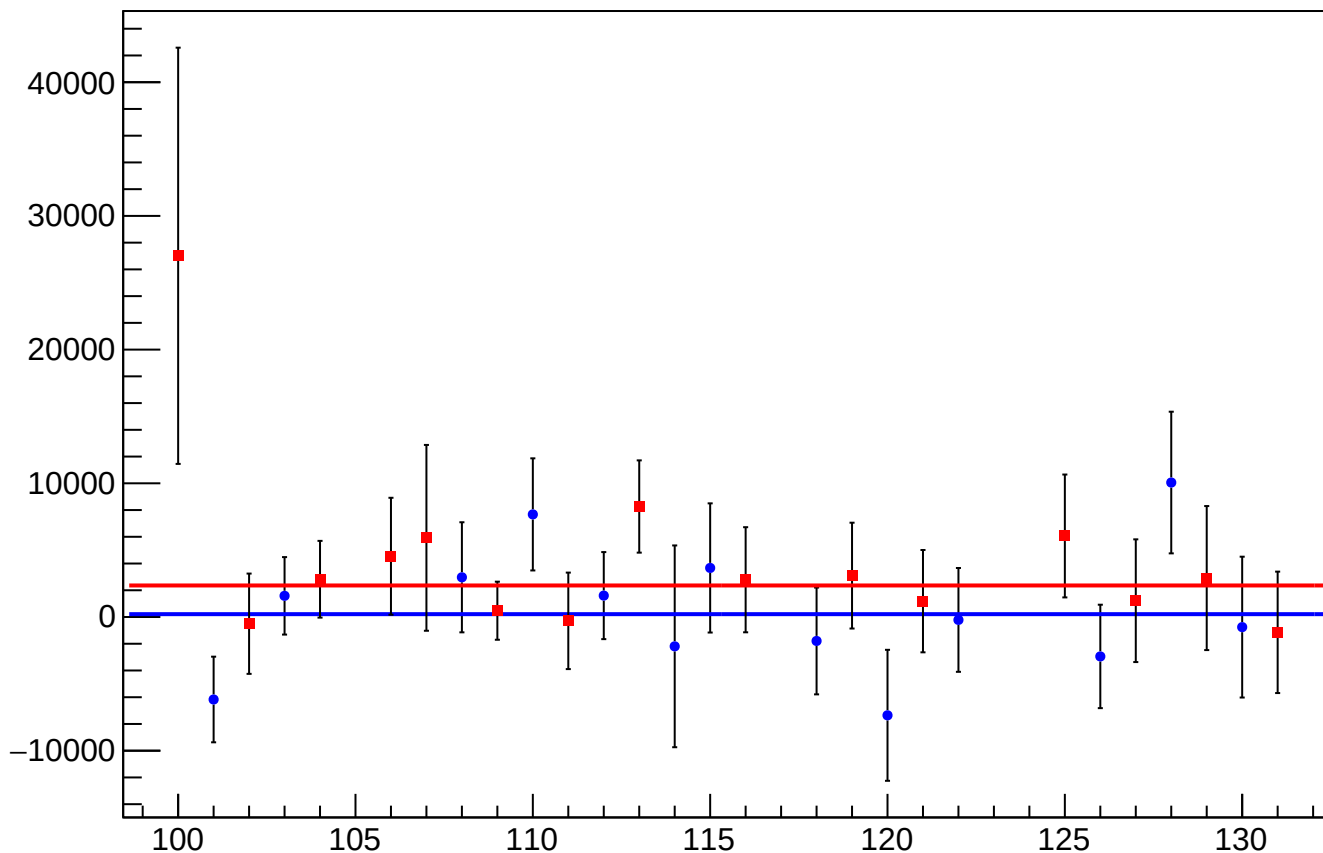
Right: 2066.803+/-0.433 χ^2/NDF : 251119.7/27

In: 2081.338+/-0.631 χ^2/NDF : 151023.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2066.803+/-0.433 χ^2/NDF : 251119.7/27

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.888+/-991.561 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

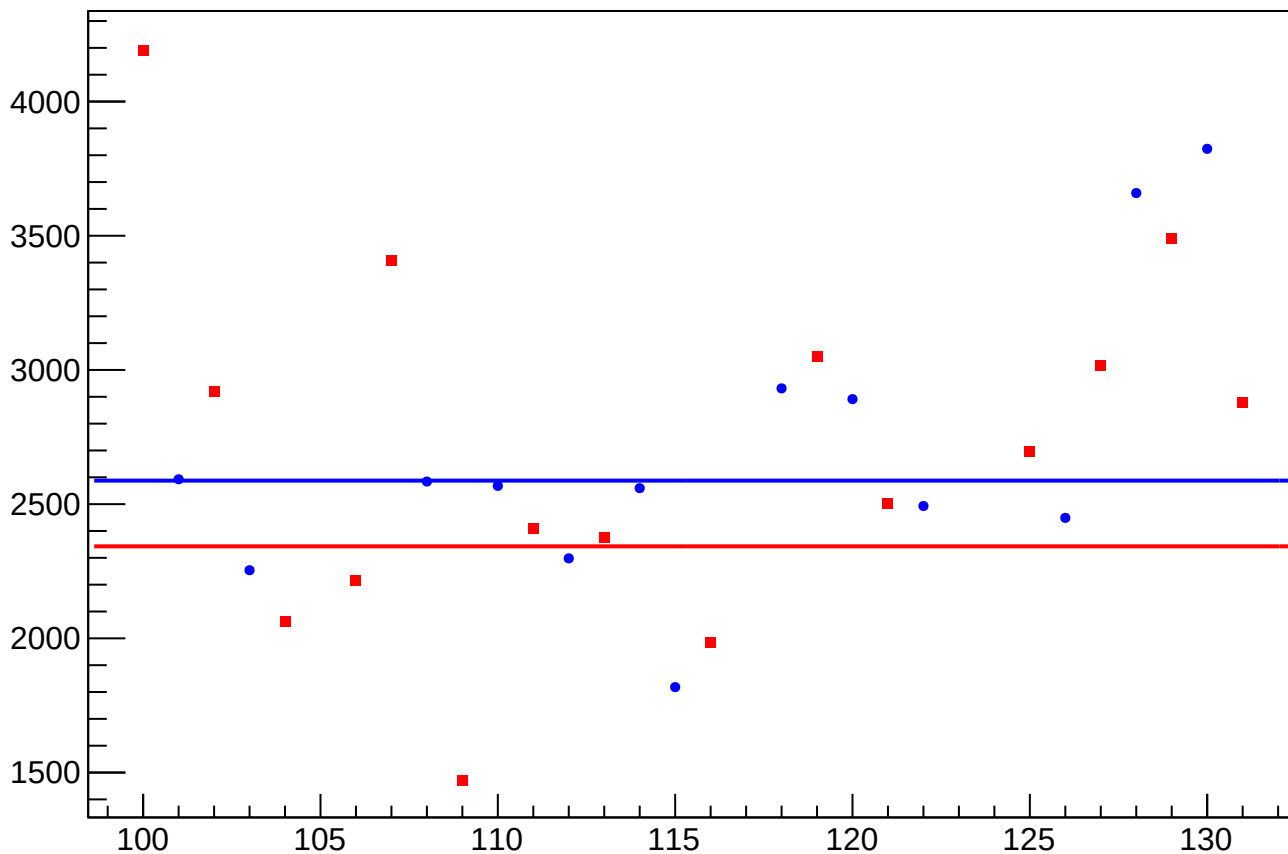
Right: 1416.384+/-742.572 χ^2/NDF : 26.8/27

In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.384+/-742.572 χ^2/NDF : 26.8/27

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.792+/-0.701 χ^2/NDF : 724574.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

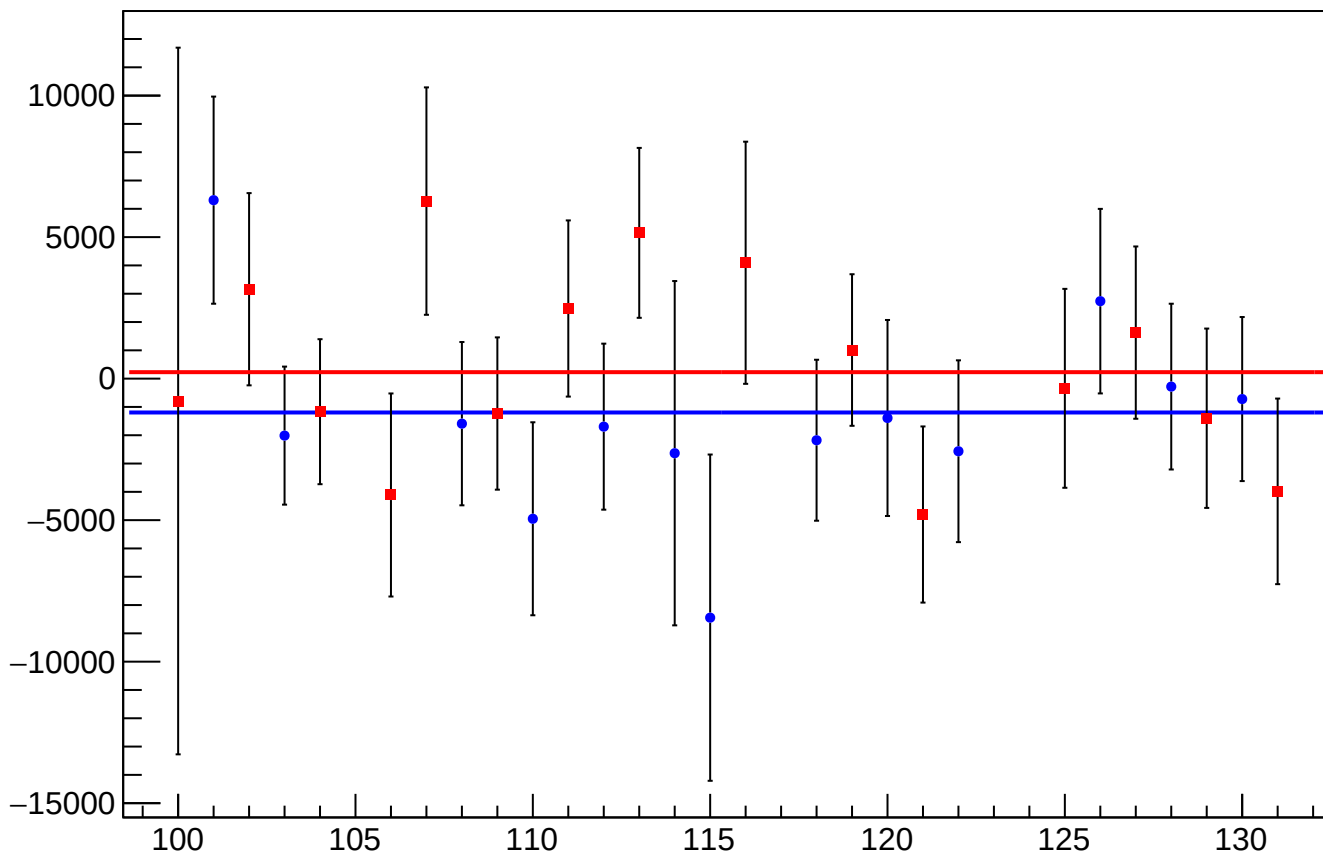
Right: 2450.338+/-0.525 χ^2/NDF : 1089586.8/27

In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.338+/-0.525 χ^2/NDF : 1089586.8/27

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1196.043+/-892.244 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.552+/-840.208 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

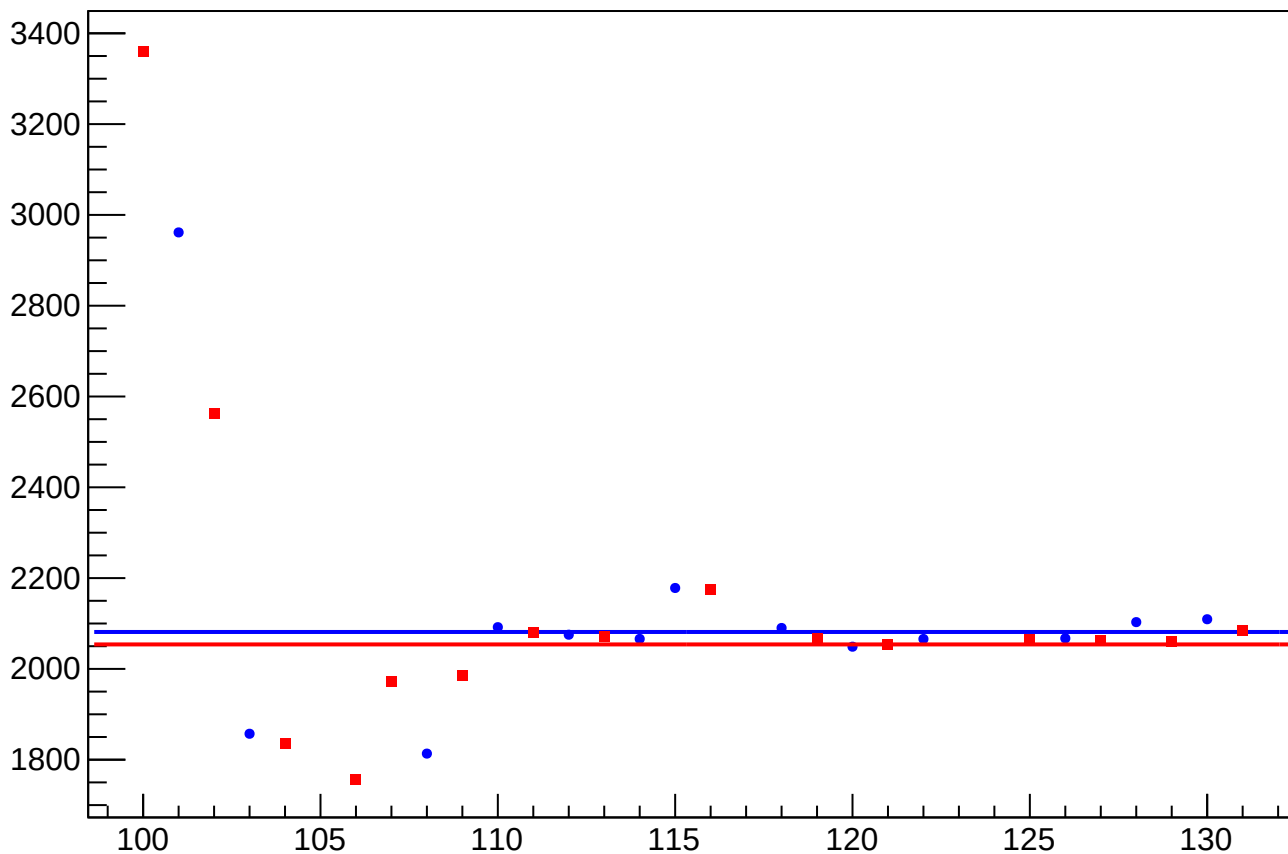
Right: -440.994+/-611.686 χ^2/NDF : 24.4/27

In: -1196.043+/-892.244 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -440.994+/-611.686 χ^2/NDF : 24.4/27

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2081.338+/-0.631 χ^2/NDF : 151023.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2053.915+/-0.594 χ^2/NDF : 99095.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

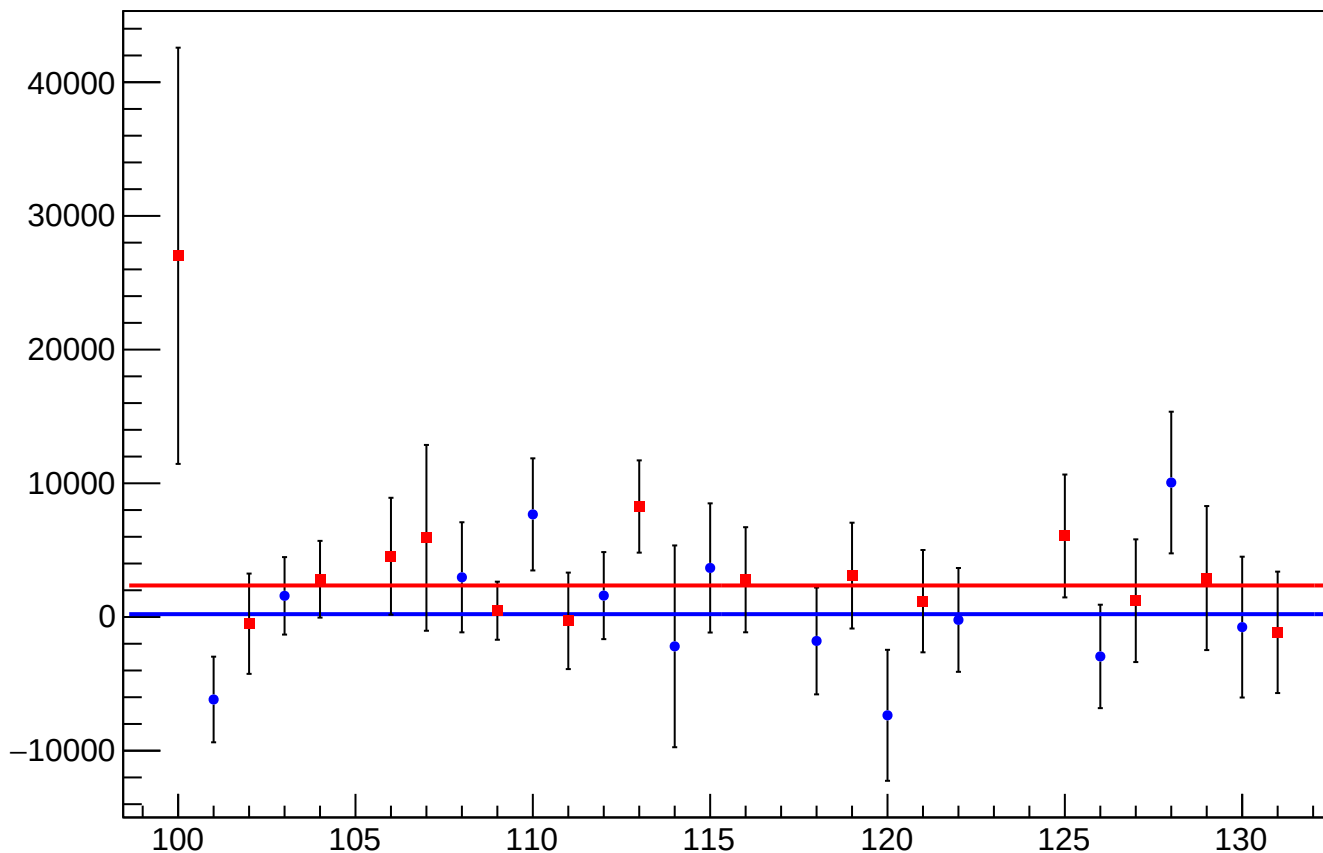
Right: 2066.803+/-0.433 χ^2/NDF : 251119.7/27

In: 2081.338+/-0.631 χ^2/NDF :151023.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2066.803+/-0.433 χ^2/NDF : 251119.7/27

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.888+/-991.561 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

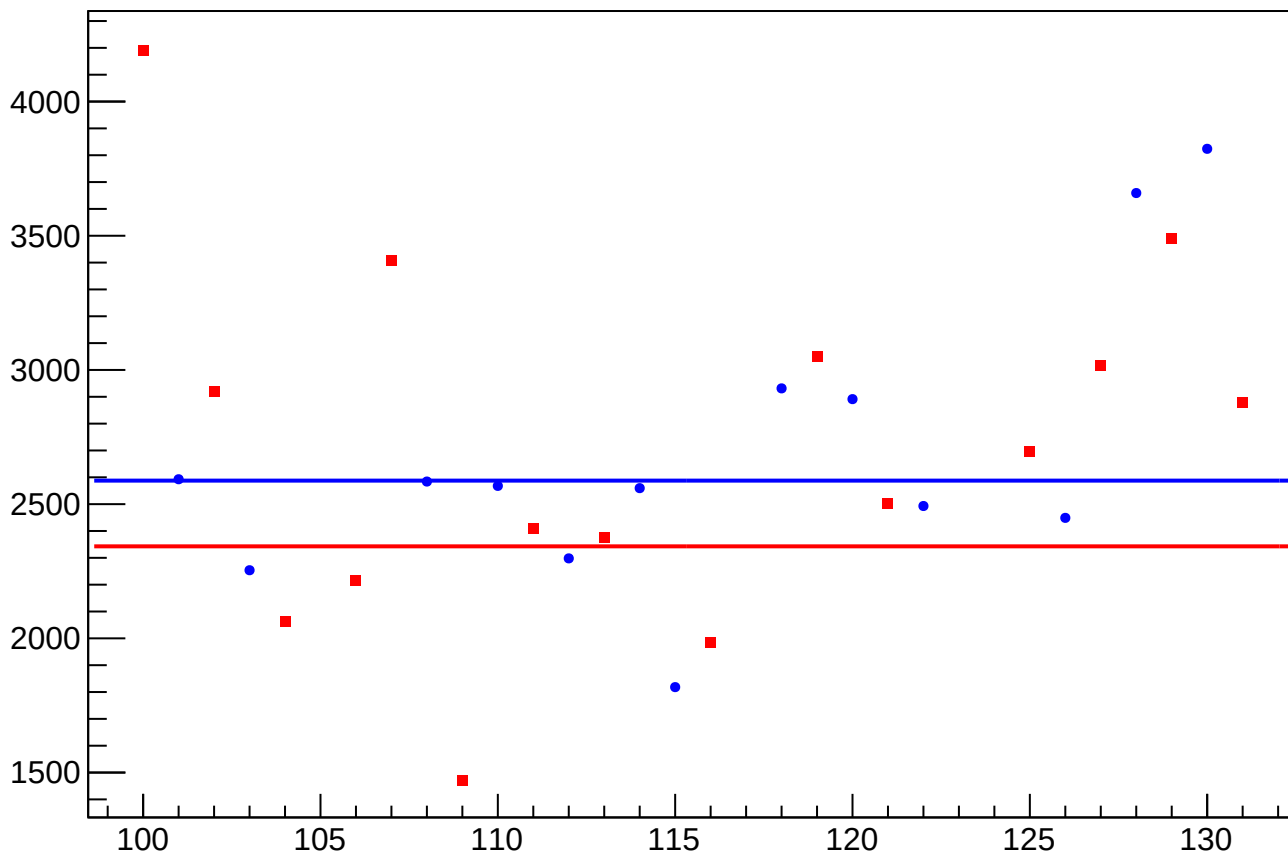
Right: 1416.384+/-742.572 χ^2/NDF : 26.8/27

In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.384+/-742.572 χ^2/NDF : 26.8/27

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.792+/-0.701 χ^2/NDF : 724574.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

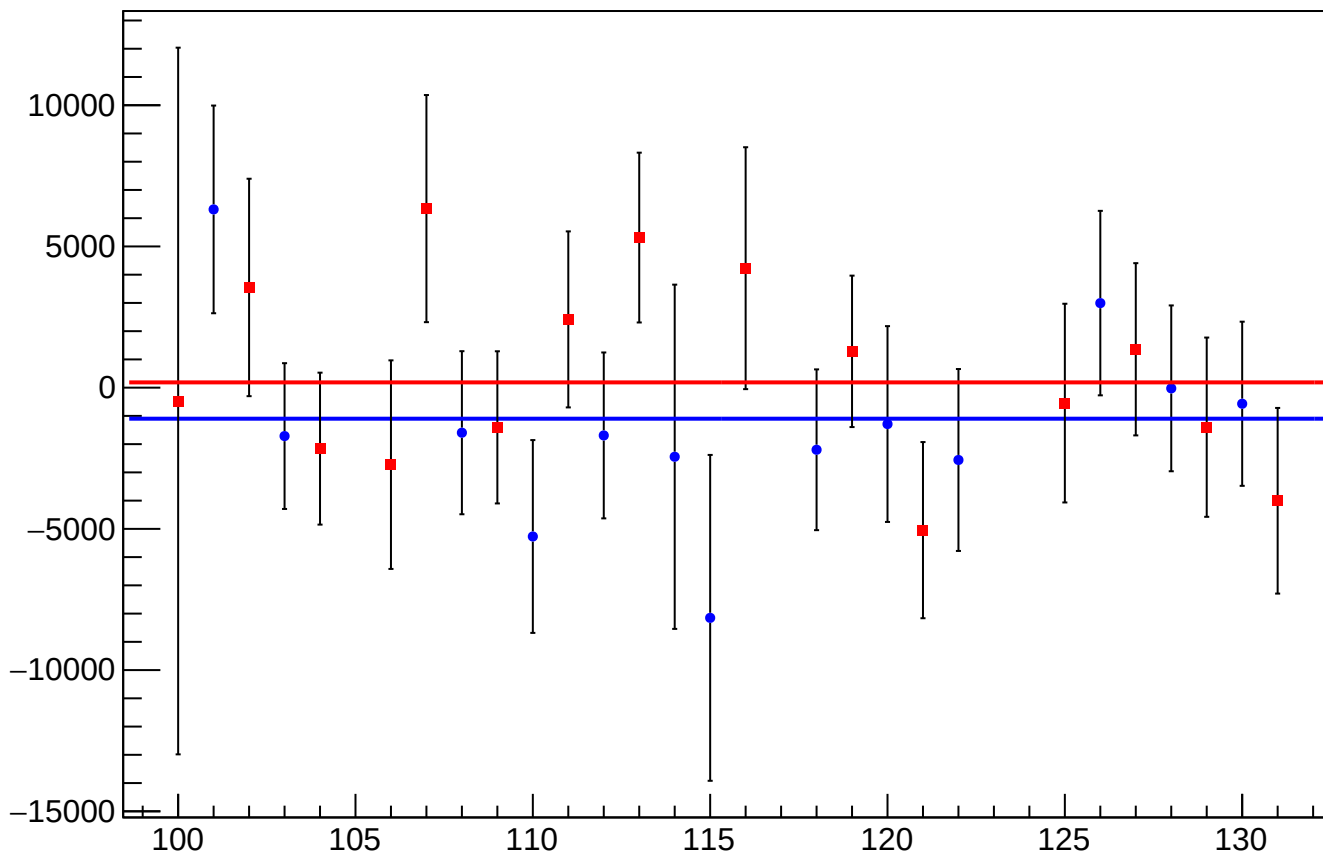
Right: 2450.338+/-0.525 χ^2/NDF : 1089586.8/27

In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.338+/-0.525 χ^2/NDF : 1089586.8/27

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1099.065+/-900.174 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.495+/-852.684 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

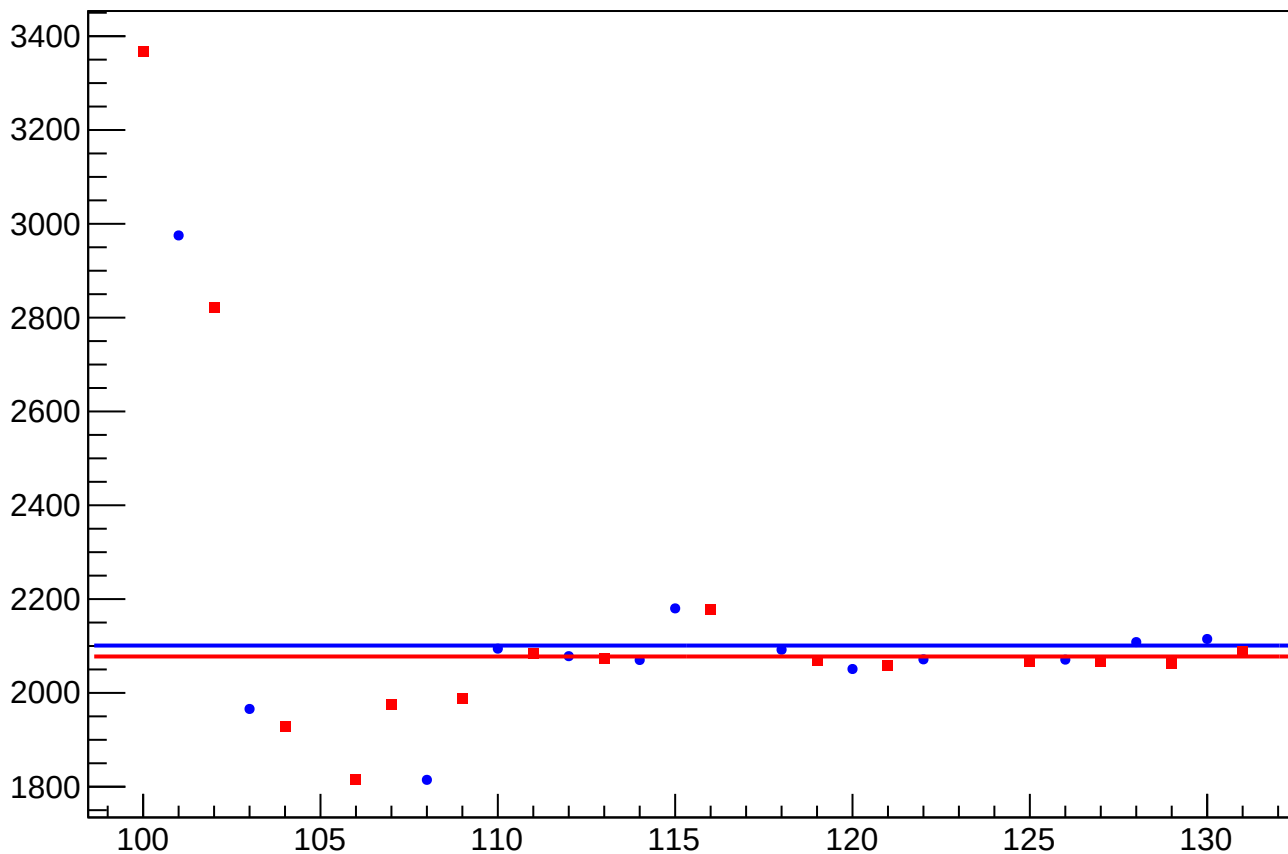
Right: -421.481+/-619.047 χ^2/NDF : 24.6/27

In: -1099.065+/-900.174 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.481+/-619.047 χ^2/NDF : 24.6/27

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2100.946+/-0.637 χ^2/NDF : 139615.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2077.641+/-0.603 χ^2/NDF : 116924.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

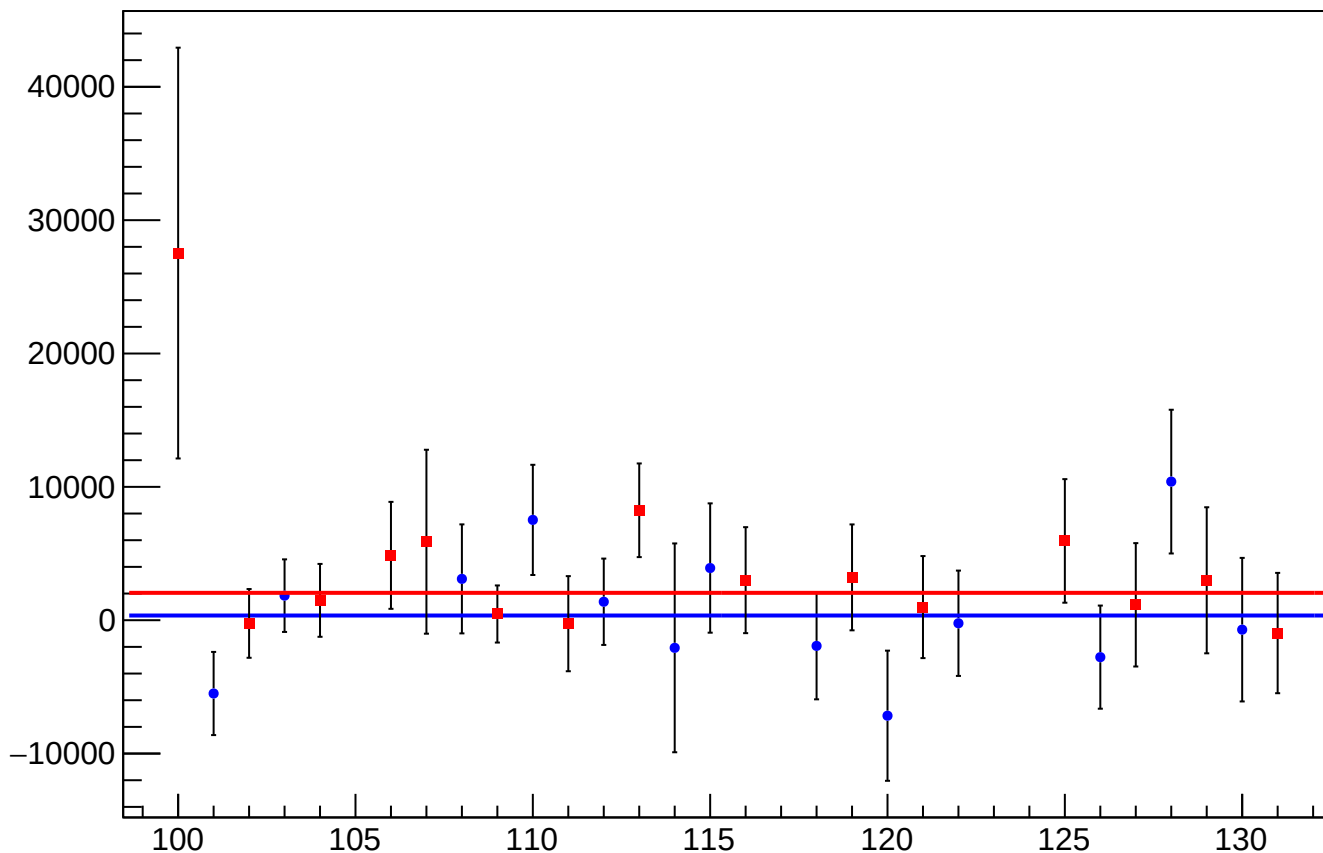
Right: 2088.662+/-0.438 χ^2/NDF : 257246.9/27

In: 2100.946+/-0.637 χ^2/NDF :139615.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2088.662+/-0.438 χ^2/NDF : 257246.9/27

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 352.440+/-1107.904 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.616+/-944.805 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

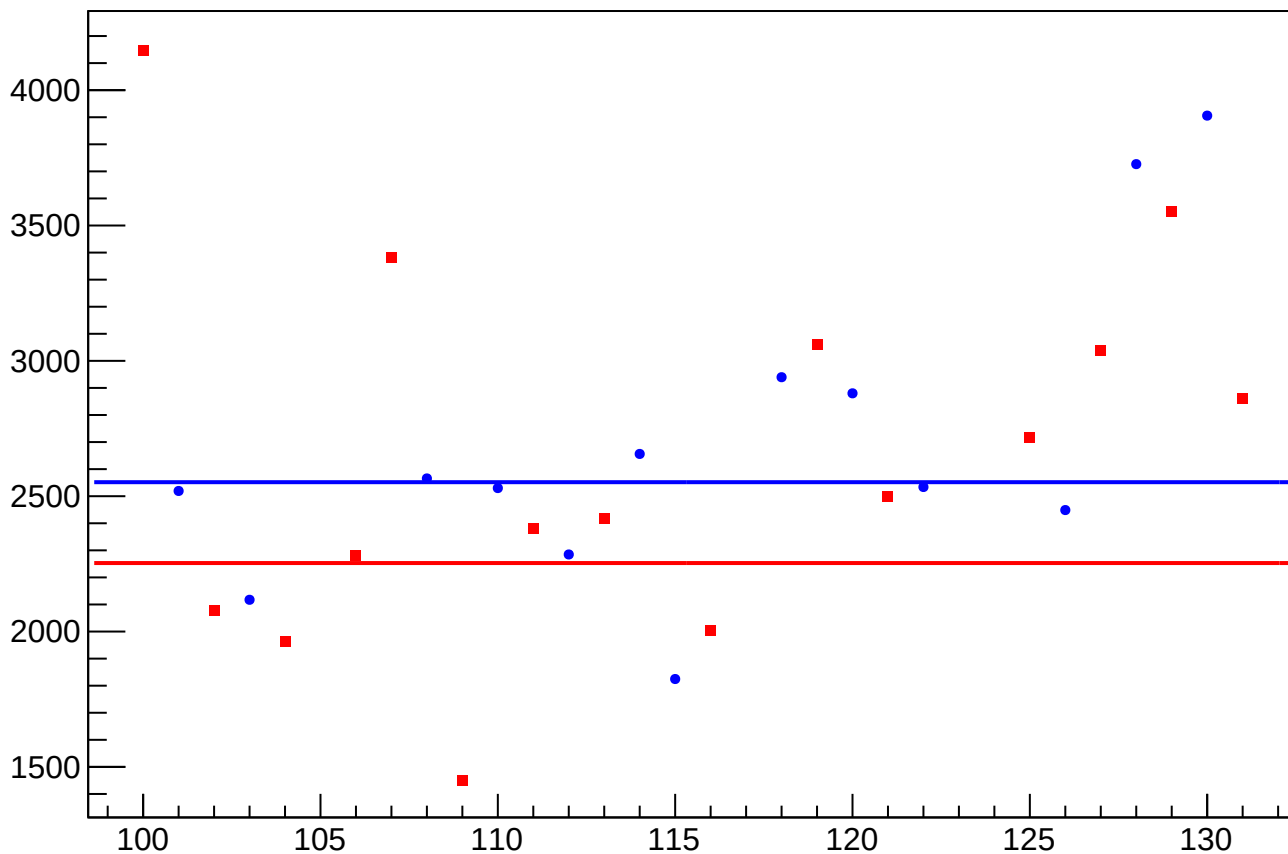
Right: 1336.769+/-718.895 χ^2/NDF : 26.1/27

In: 352.440+/-1107.904 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.769+/-718.895 χ^2/NDF : 26.1/27

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2551.776+/-0.783 χ^2/NDF : 361073.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.063+/-0.668 χ^2/NDF : 729133.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

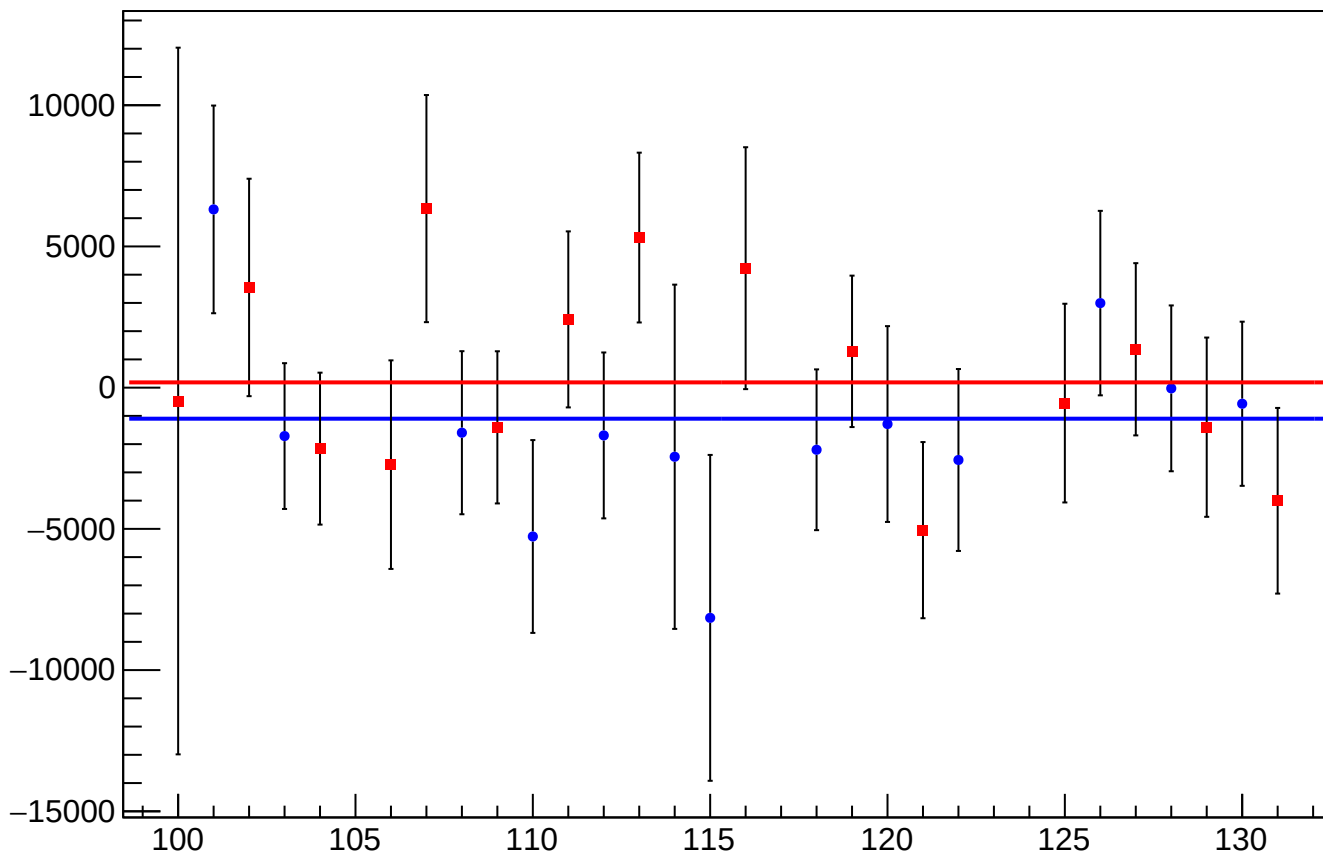
Right: 2378.834+/-0.508 χ^2/NDF : 1174381.9/27

In: 2551.776+/-0.783 χ^2/NDF : 361073.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.834+/-0.508 χ^2/NDF : 1174381.9/27

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1099.063 $\pm$ 900.174 χ^2 /NDF: 9.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.489 $\pm$ 852.684 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

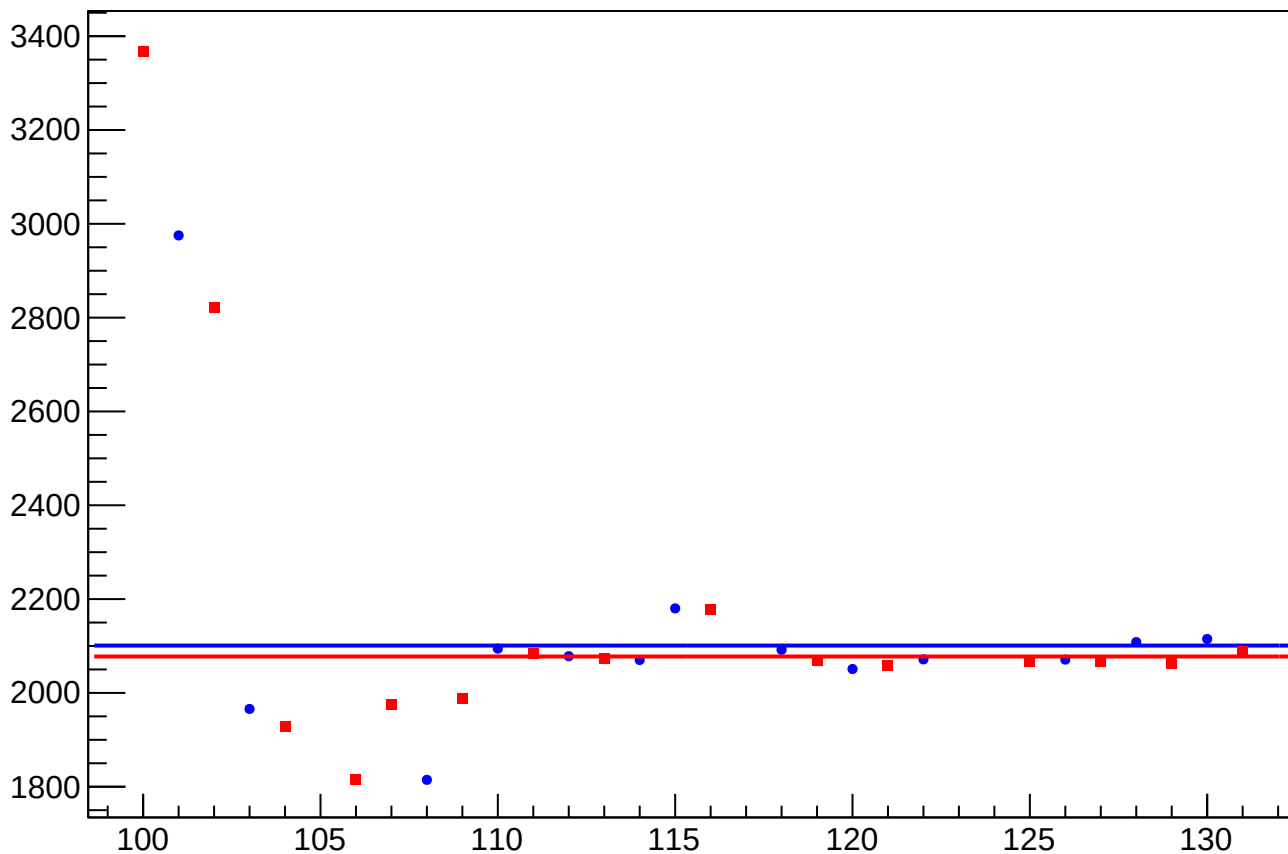
Right: -421.483 $\pm$ 619.047 χ^2 /NDF: 24.6/27

In: -1099.063 $\pm$ 900.174 χ^2 /NDF:9.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -421.483 $\pm$ 619.047 χ^2 /NDF: 24.6/27

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2100.945+/-0.637 χ^2/NDF : 139615.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.641+/-0.603 χ^2/NDF : 116924.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

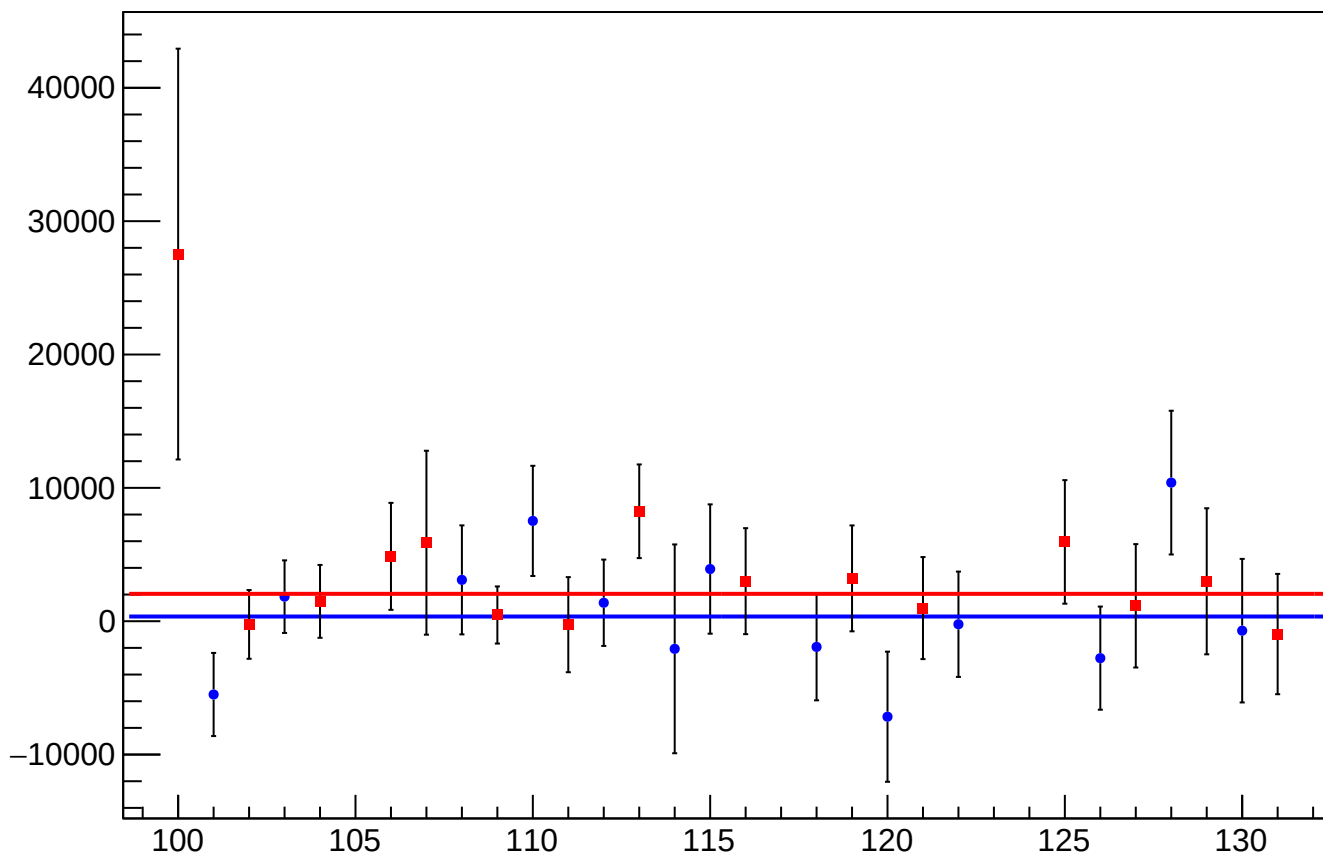
Right: 2088.662+/-0.438 χ^2/NDF : 257246.7/27

In: 2100.945+/-0.637 χ^2/NDF : 139615.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.662+/-0.438 χ^2/NDF : 257246.7/27

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 352.438+/-1107.901 χ^2 /NDF: 14.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2052.619+/-944.805 χ^2 /NDF: 9.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

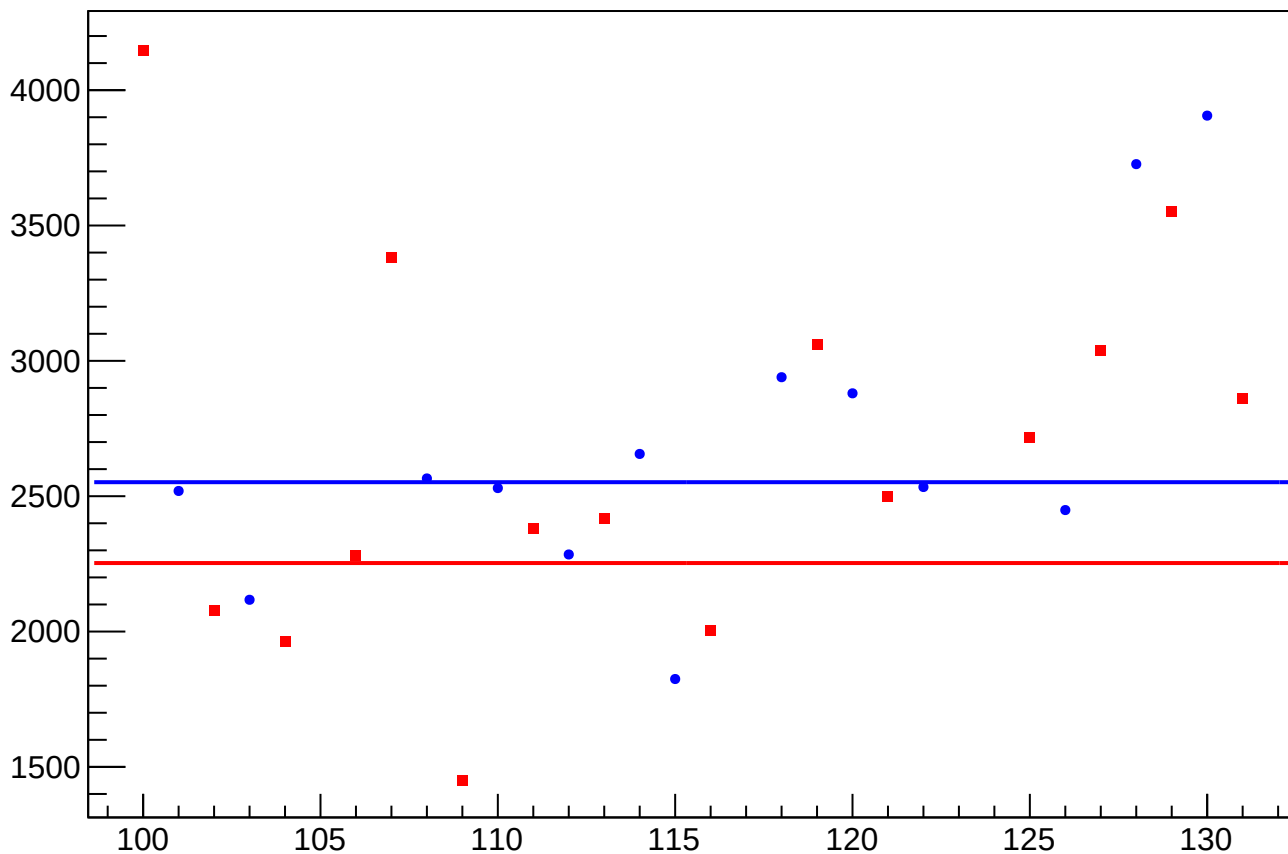
Right: 1336.767+/-718.894 χ^2 /NDF: 26.1/27

In: 352.438+/-1107.901 χ^2 /NDF:14.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1336.767+/-718.894 χ^2 /NDF: 26.1/27

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2551.771+/-0.783 χ^2/NDF : 361065.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.066+/-0.668 χ^2/NDF : 729113.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

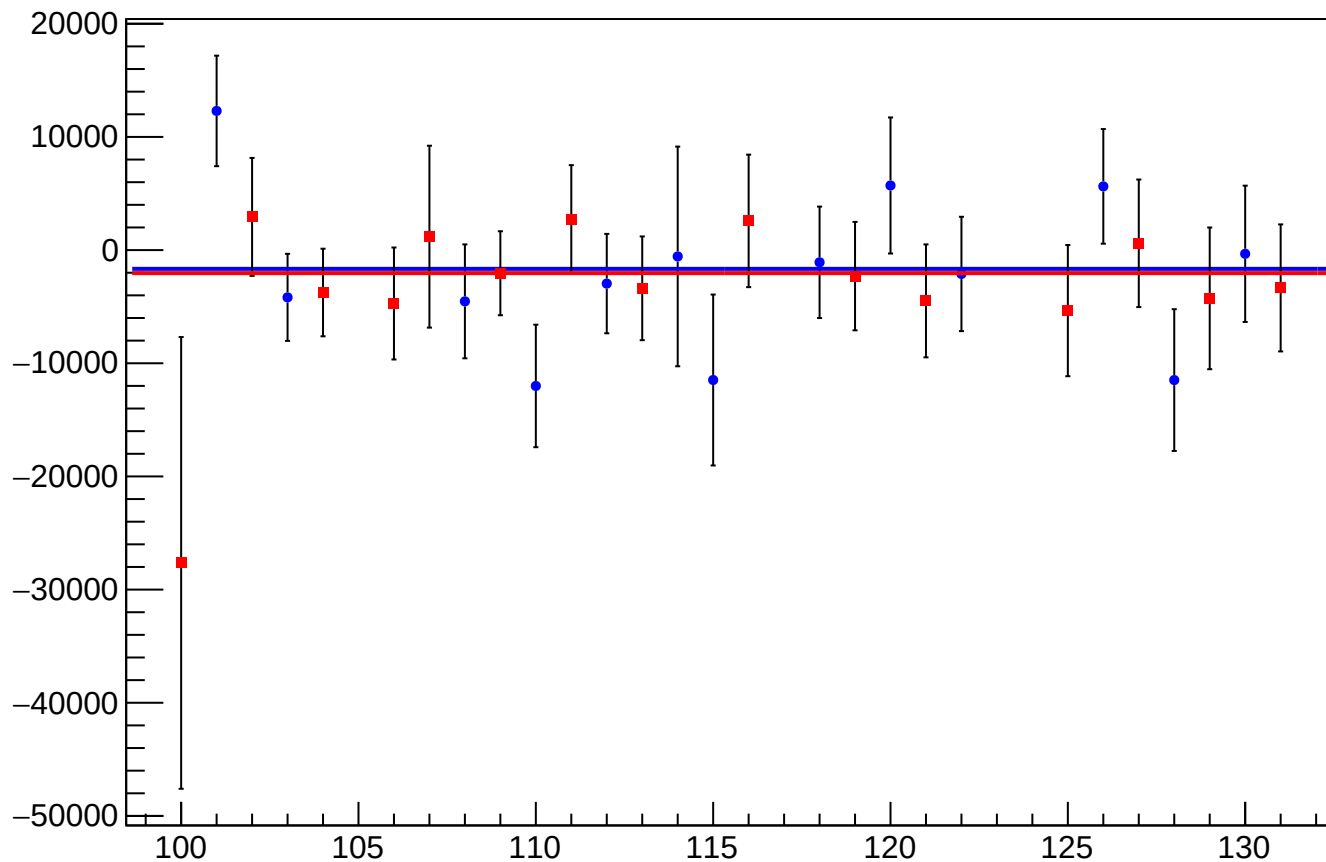
Right: 2378.834+/-0.508 χ^2/NDF : 1174349.2/27

In: 2551.771+/-0.783 χ^2/NDF : 361065.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.834+/-0.508 χ^2/NDF : 1174349.2/27

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1656.804 $\pm$ 1469.151 χ^2 /NDF: 20.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2034.433 $\pm$ 1338.798 χ^2 /NDF: 5.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

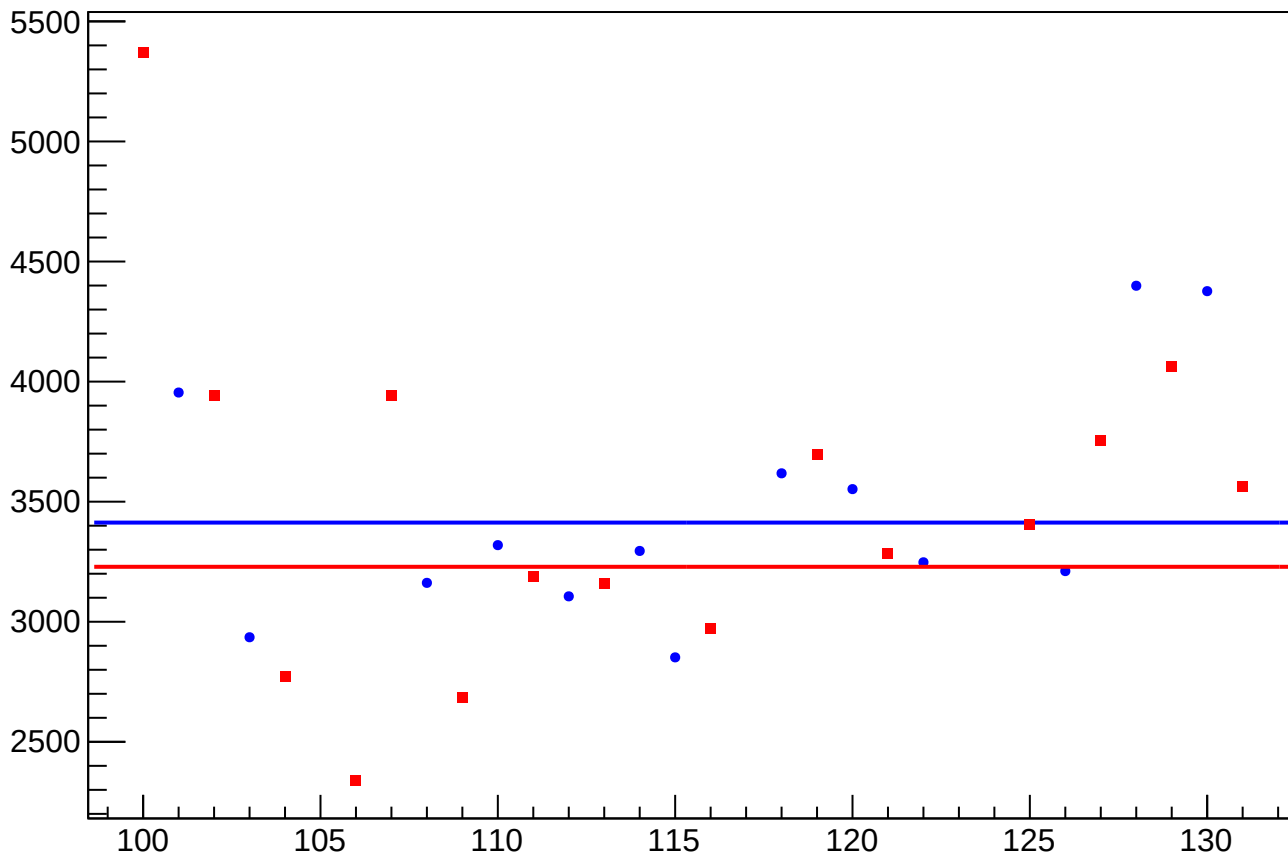
Right: -1863.111 $\pm$ 989.555 χ^2 /NDF: 26.4/27

In: -1656.804 $\pm$ 1469.151 χ^2 /NDF:20.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1863.111 $\pm$ 989.555 χ^2 /NDF: 26.4/27

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3412.935+/-1.039 χ^2/NDF : 192830.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3228.842+/-0.947 χ^2/NDF : 297551.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

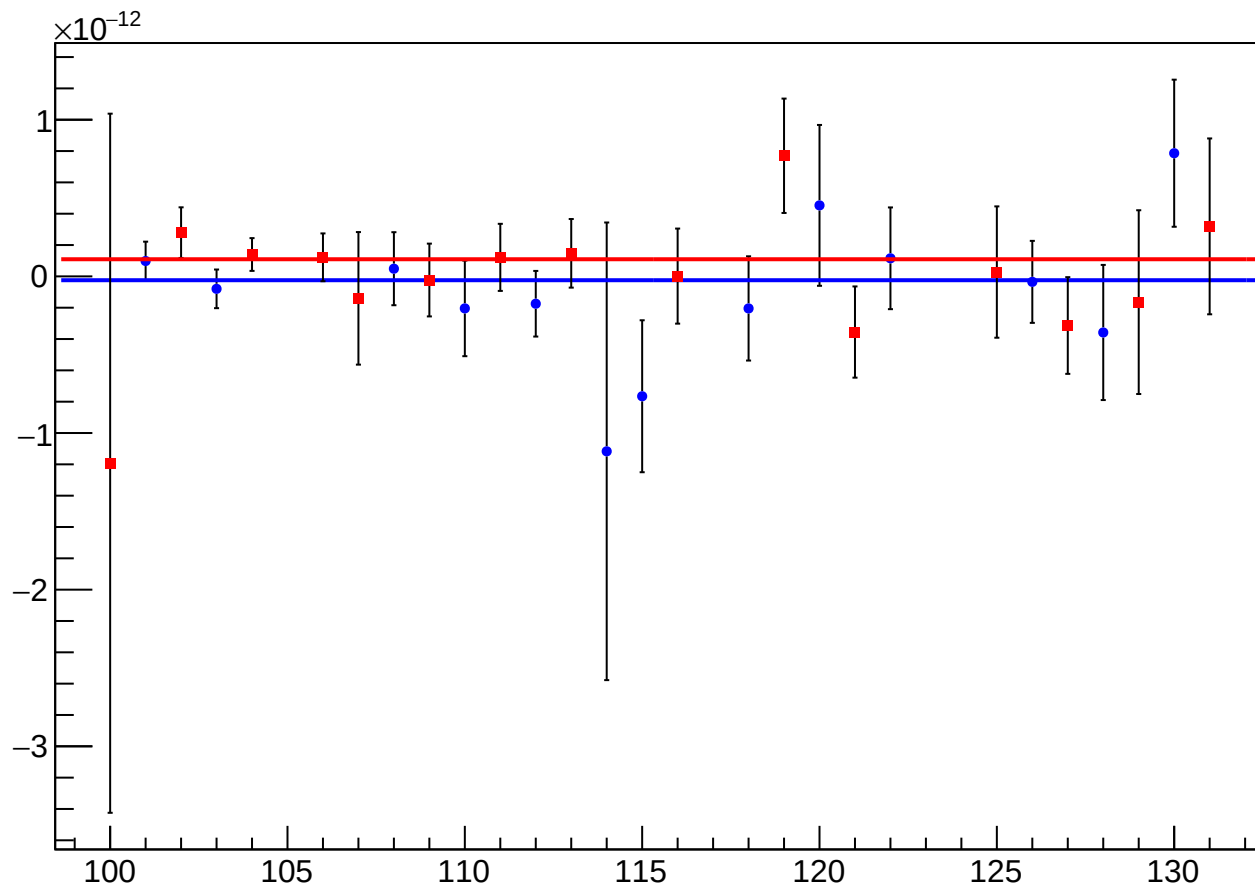
Right: 3312.359+/-0.700 χ^2/NDF : 507538.4/27

In: 3412.935+/-1.039 χ^2/NDF : 192830.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3312.359+/-0.700 χ^2/NDF : 507538.4/27

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

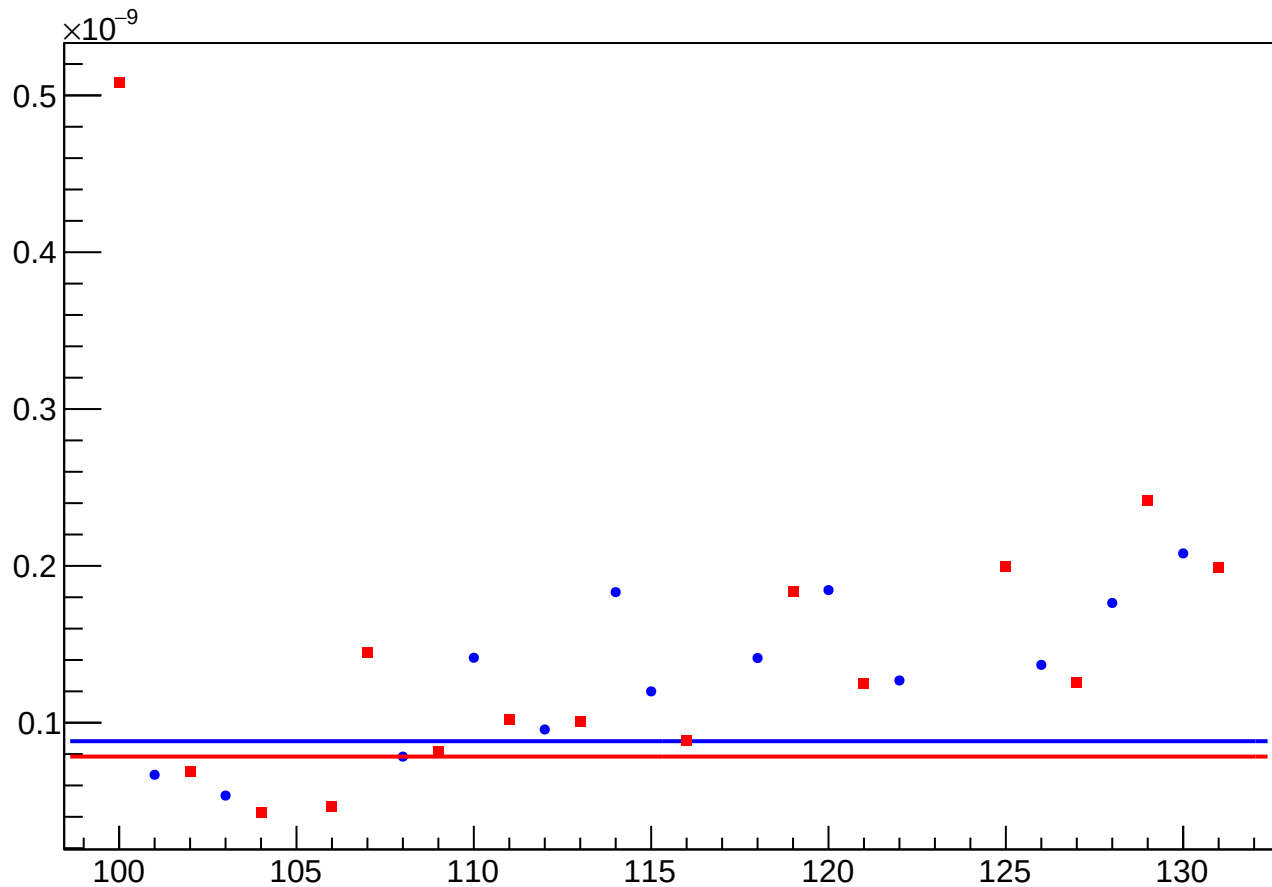
Right: 0.000+/-0.000 χ^2 /NDF: 22.8/27

In: -0.000+/-0.000 χ^2 /NDF:10.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.8/27

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 734442.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1177347.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

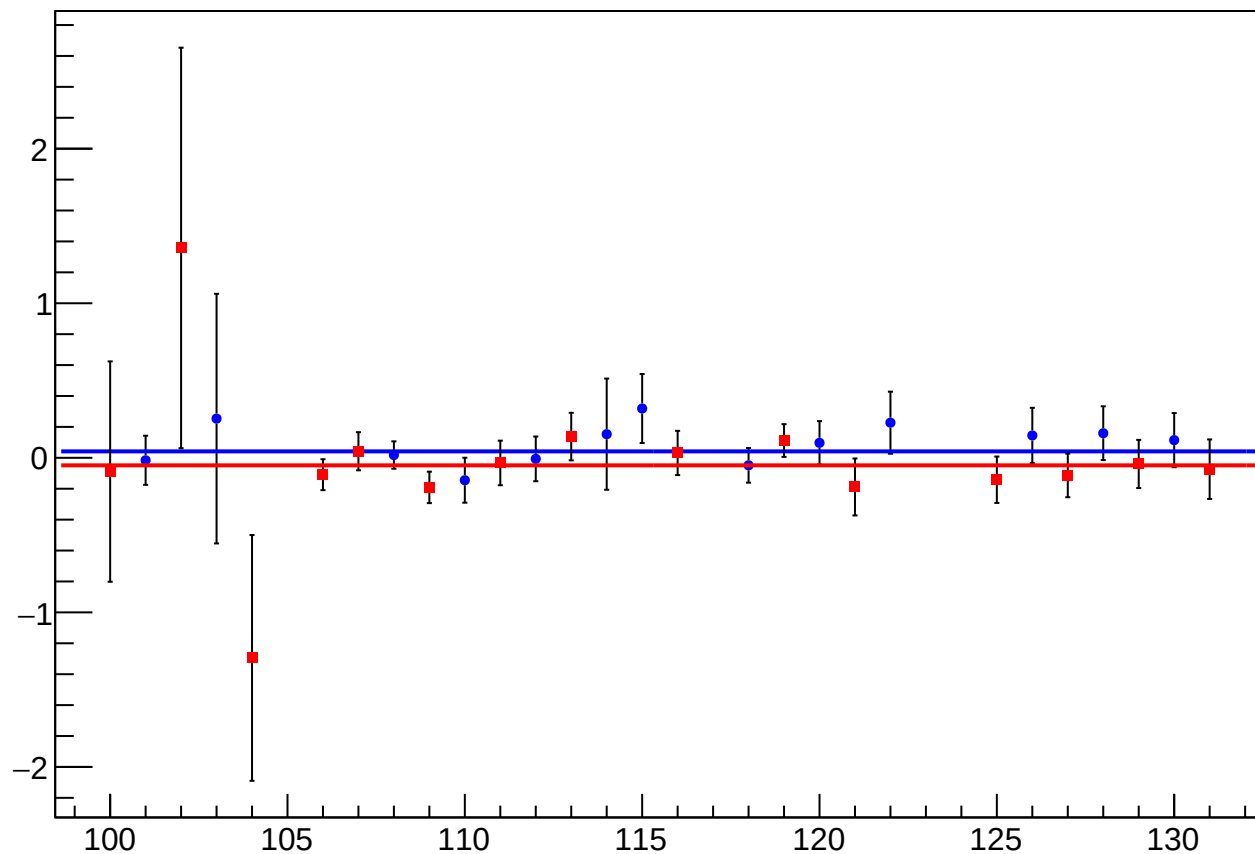
Right: 0.000+/-0.000 χ^2/NDF : 1936795.7/27

In: 0.000+/-0.000 χ^2/NDF : 734442.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1936795.7/27

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.043 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.049+/-0.038 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

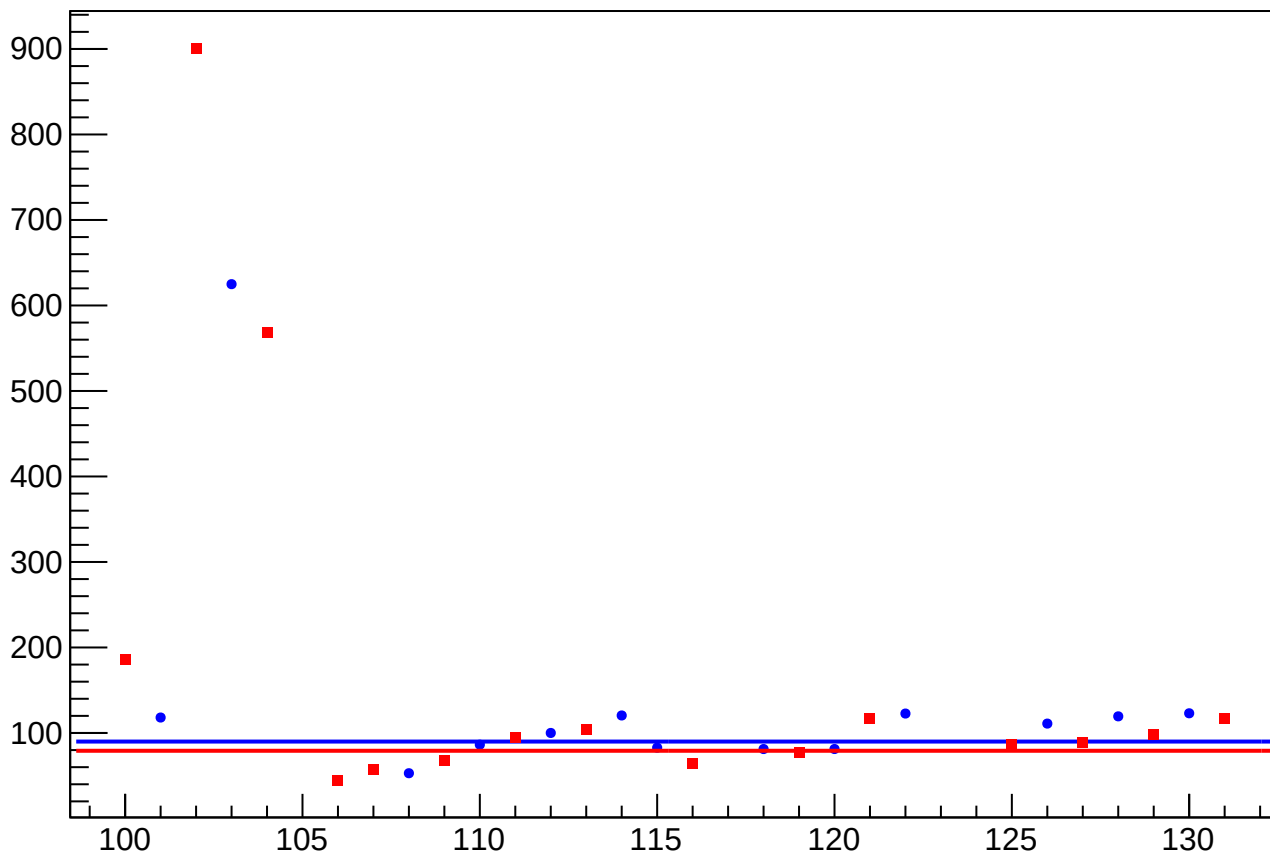
Right: -0.009+/-0.029 χ^2/NDF : 20.6/27

In: 0.042+/-0.043 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.029 χ^2/NDF : 20.6/27

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.182+/-0.027 χ^2/NDF : 2249153.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

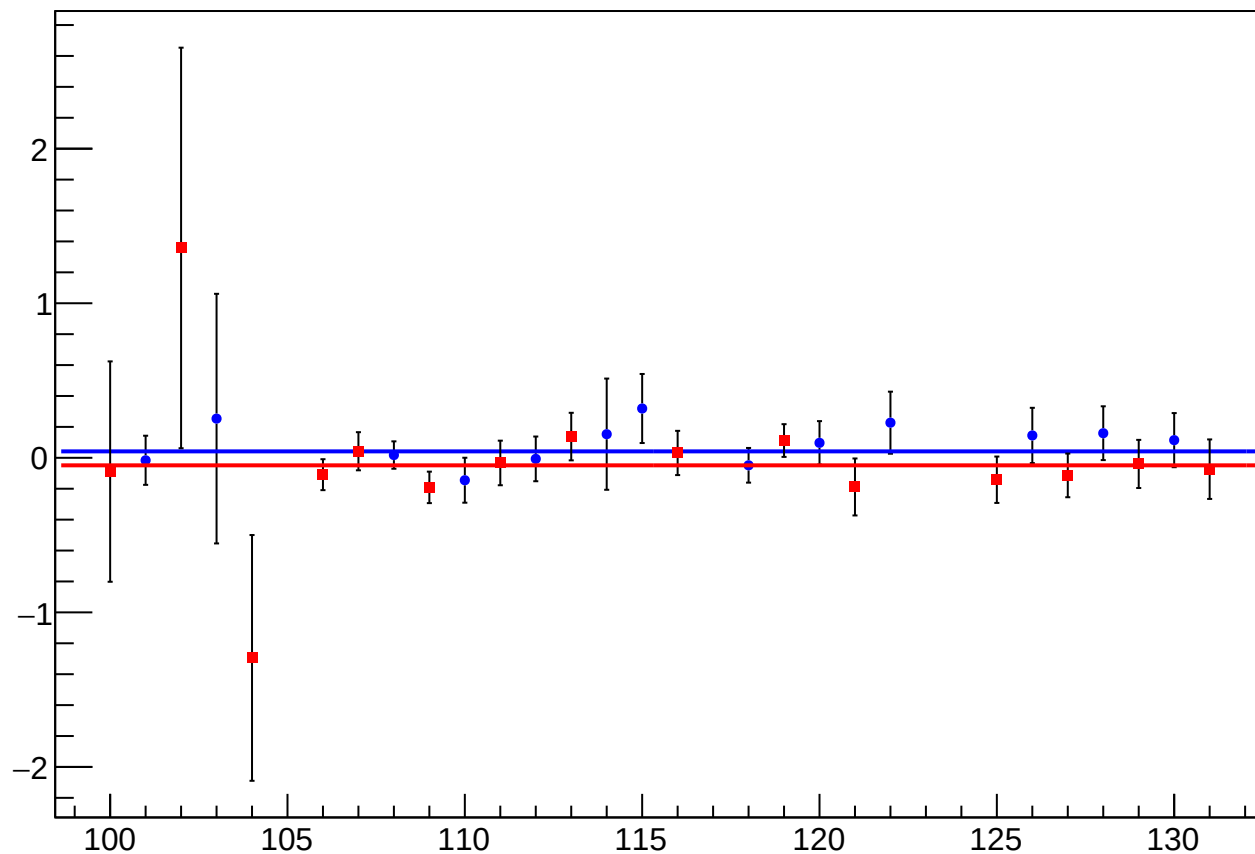
Right: 83.942+/-0.020 χ^2/NDF : 3866487.4/27

In: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.942+/-0.020 χ^2/NDF : 3866487.4/27

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

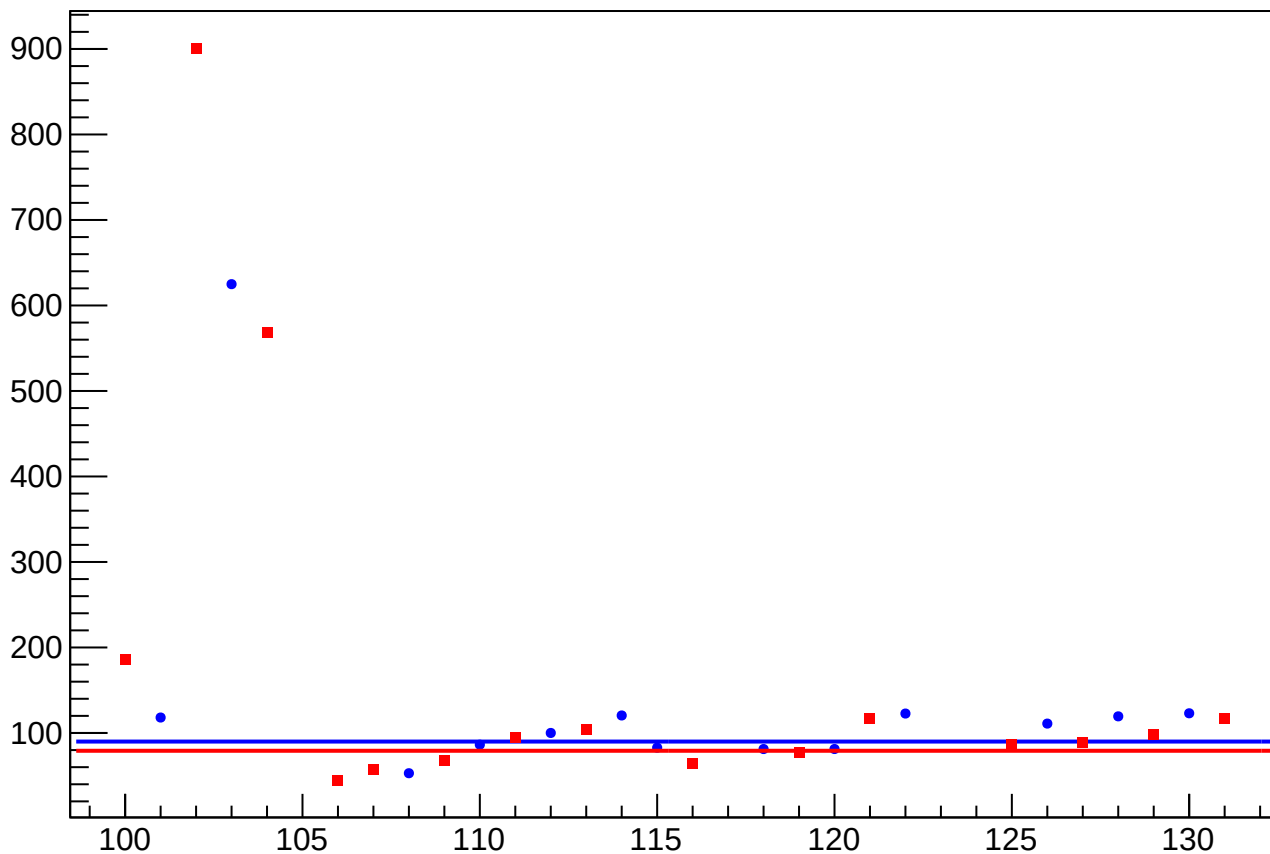
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 20.6/27

In: 0.042 $\pm$ 0.043 χ^2 /NDF:6.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.029 χ^2 /NDF: 20.6/27

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.182+/-0.027 χ^2/NDF : 2249153.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

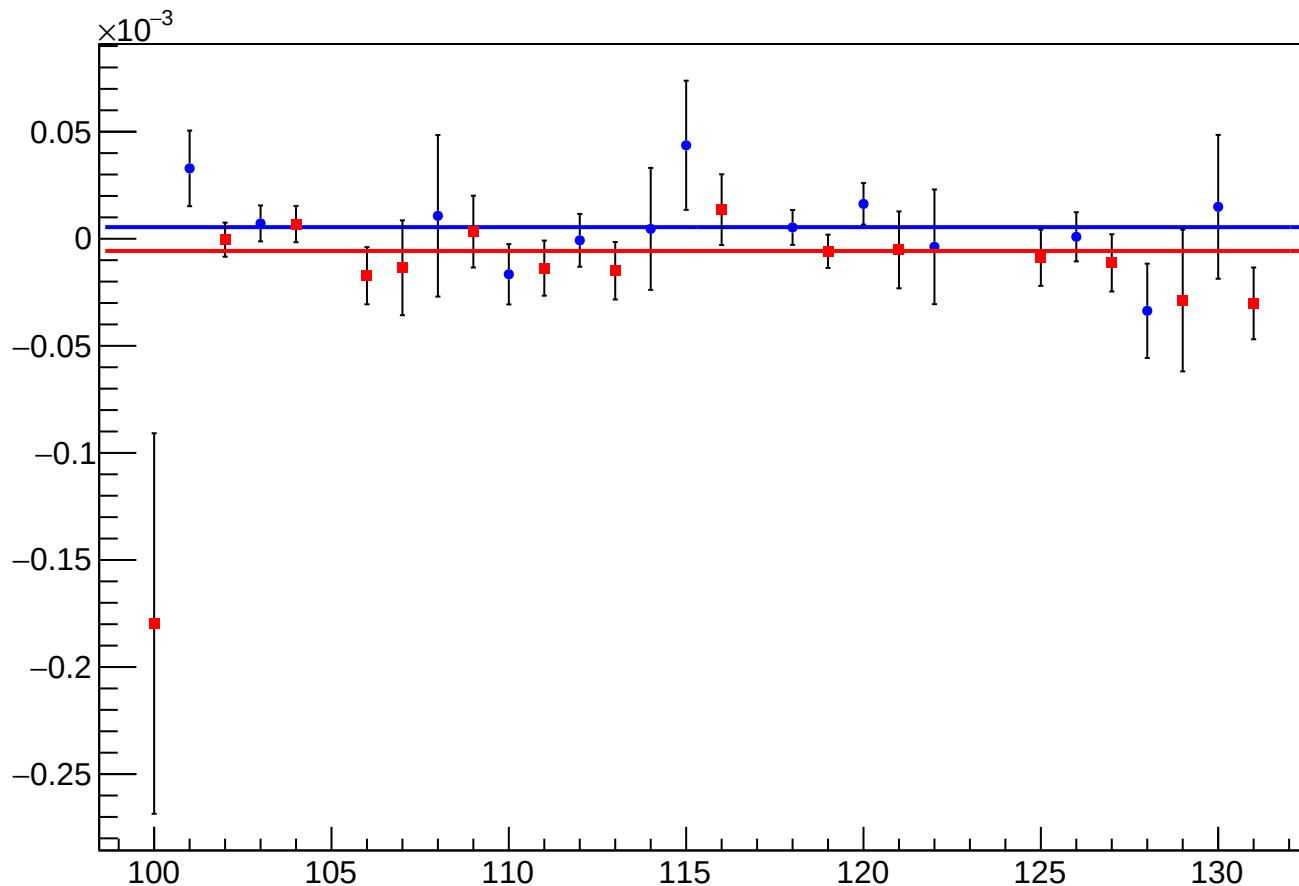
Right: 83.942+/-0.020 χ^2/NDF : 3866487.4/27

In: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.942+/-0.020 χ^2/NDF : 3866487.4/27

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 12.7/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

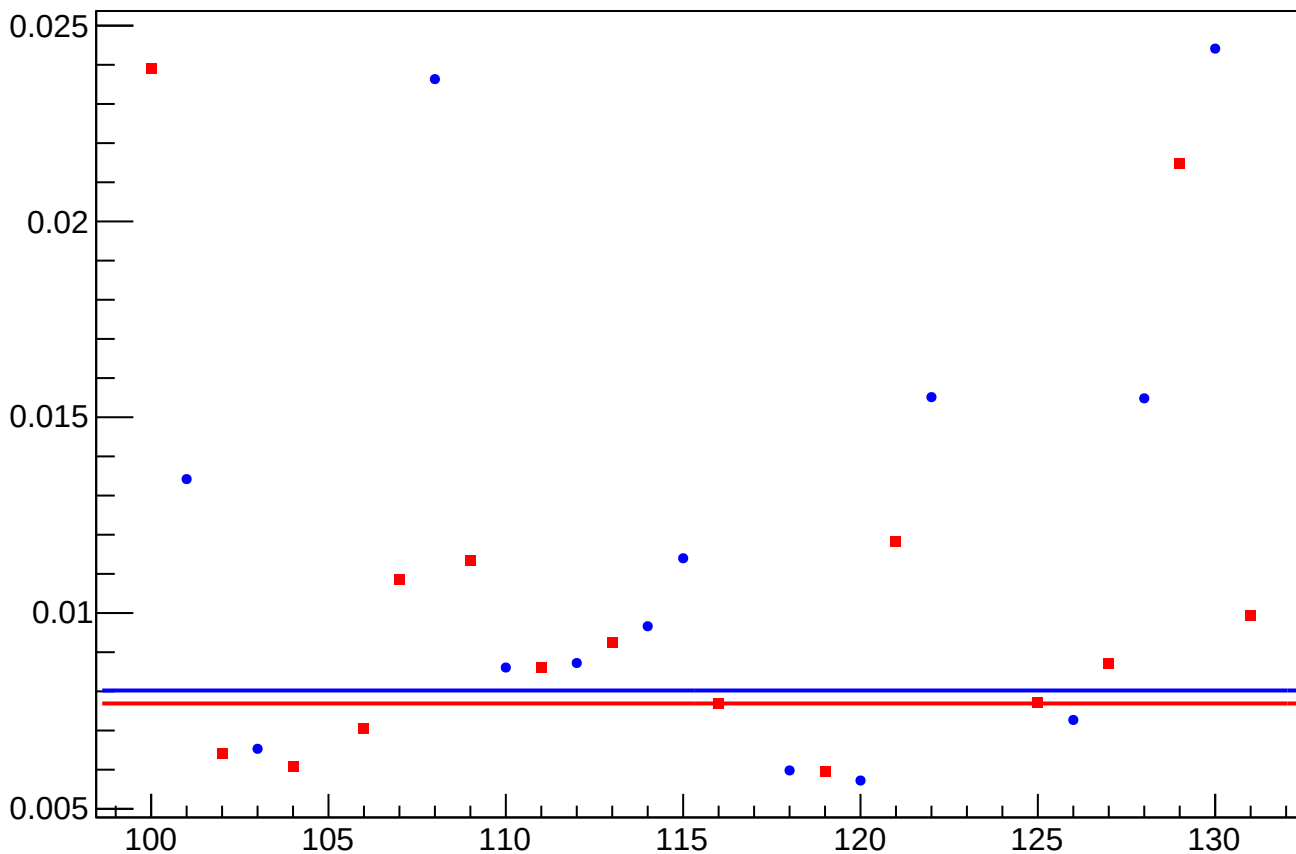
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 29.1/27

In: 0.000 $\pm$ 0.000 χ^2/NDF : 11.5/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 29.1/27

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 : 1743229.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 967318.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

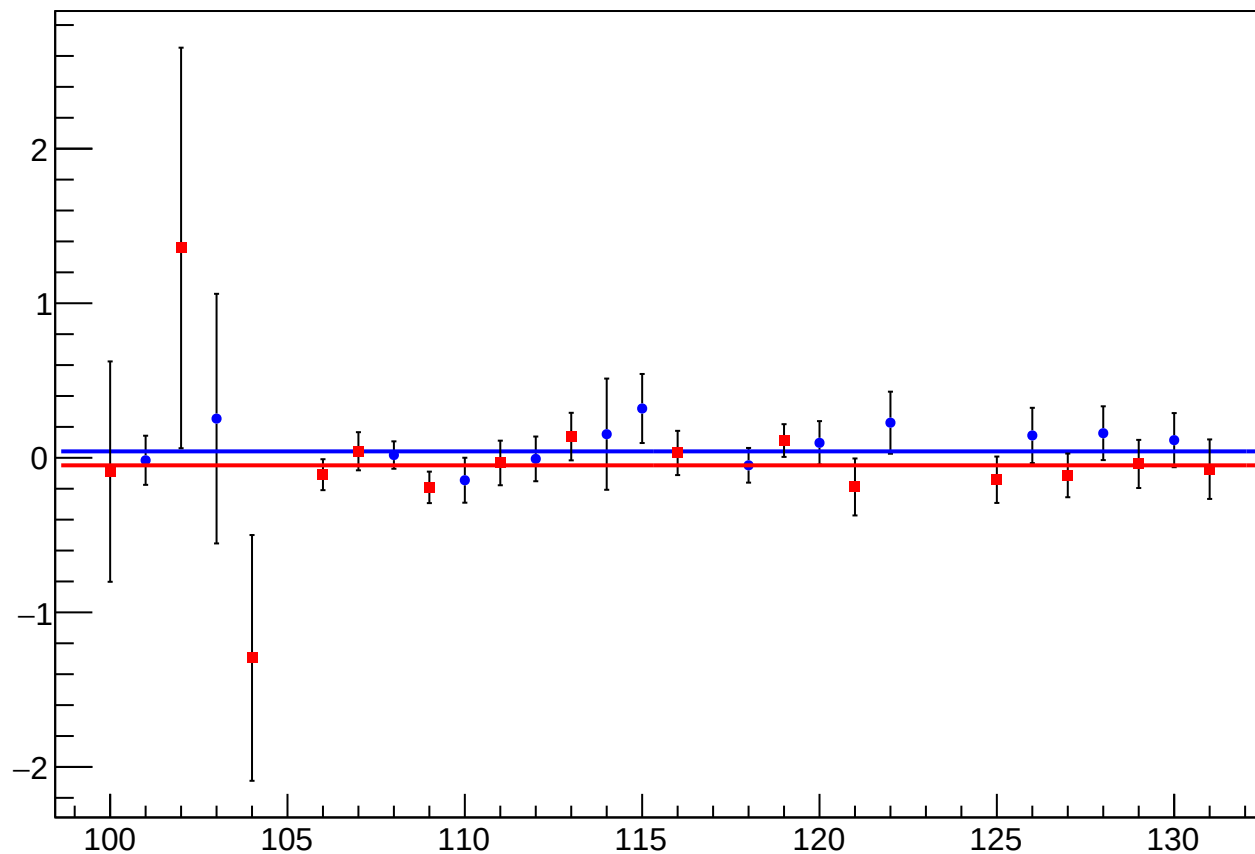
Right: 0.008+/-0.000 χ^2/NDF : 2719258.3/27

In: 0.008+/-0.000 χ^2/NDF :1743229.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2719258.3/27

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

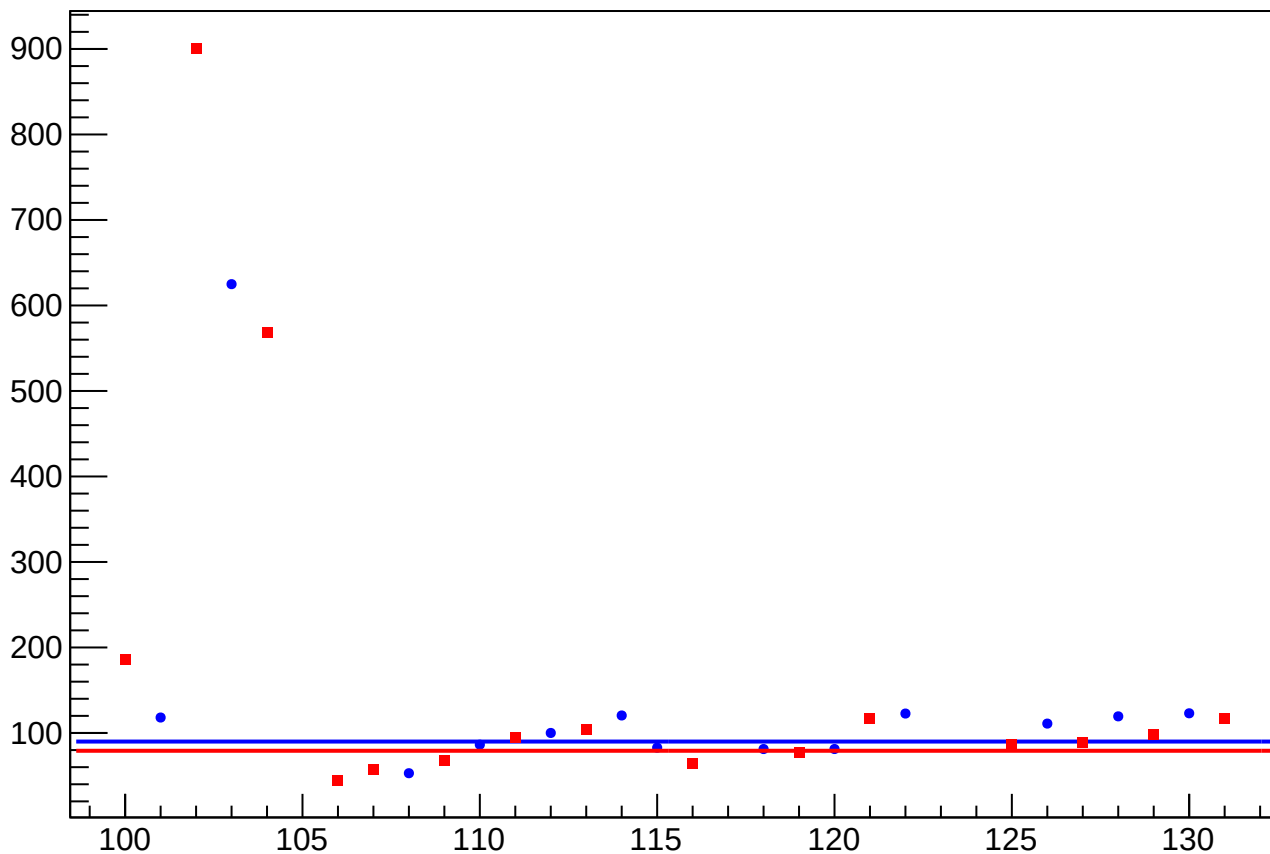
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 20.6/27

In: 0.042 $\pm$ 0.043 χ^2 /NDF:6.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.029 χ^2 /NDF: 20.6/27

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.181+/-0.027 χ^2/NDF : 2249122.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

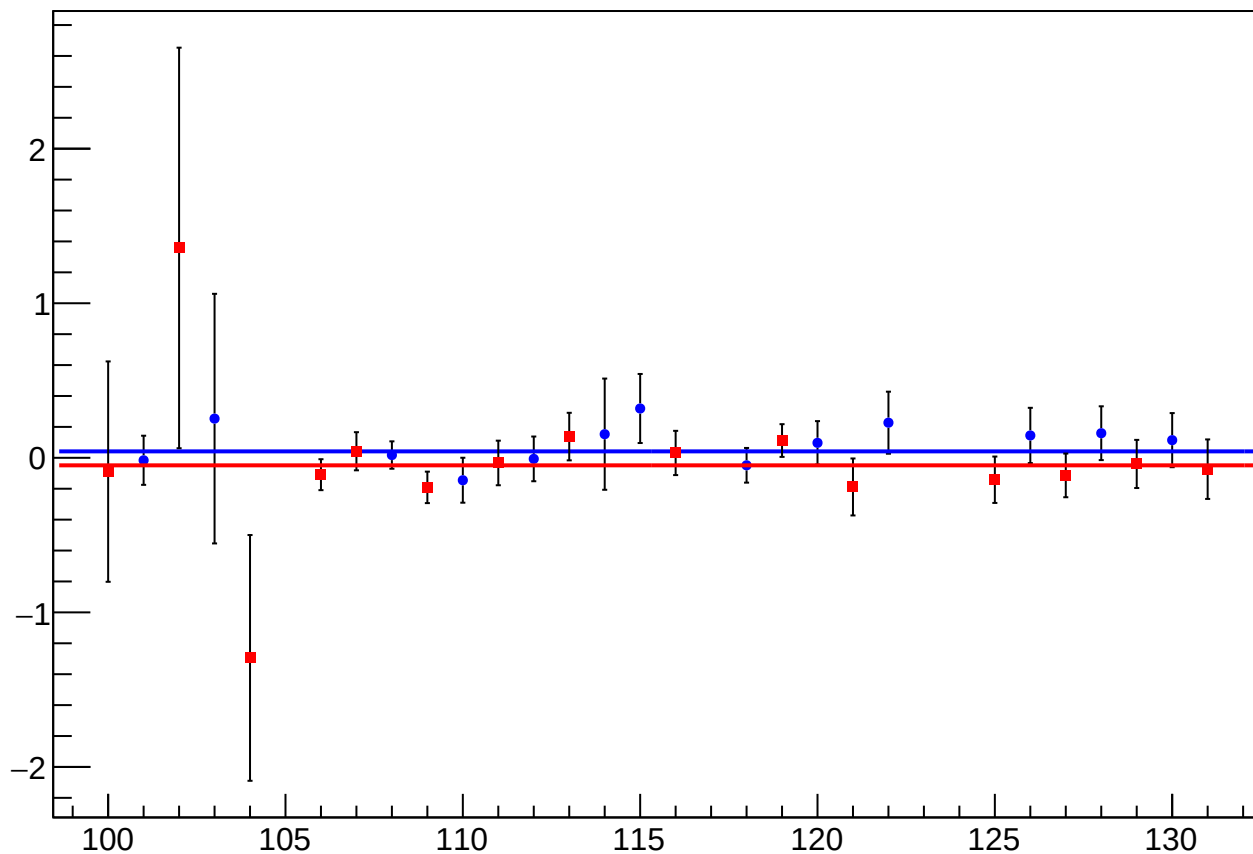
Right: 83.944+/-0.020 χ^2/NDF : 3866223.4/27

In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.944+/-0.020 χ^2/NDF : 3866223.4/27

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

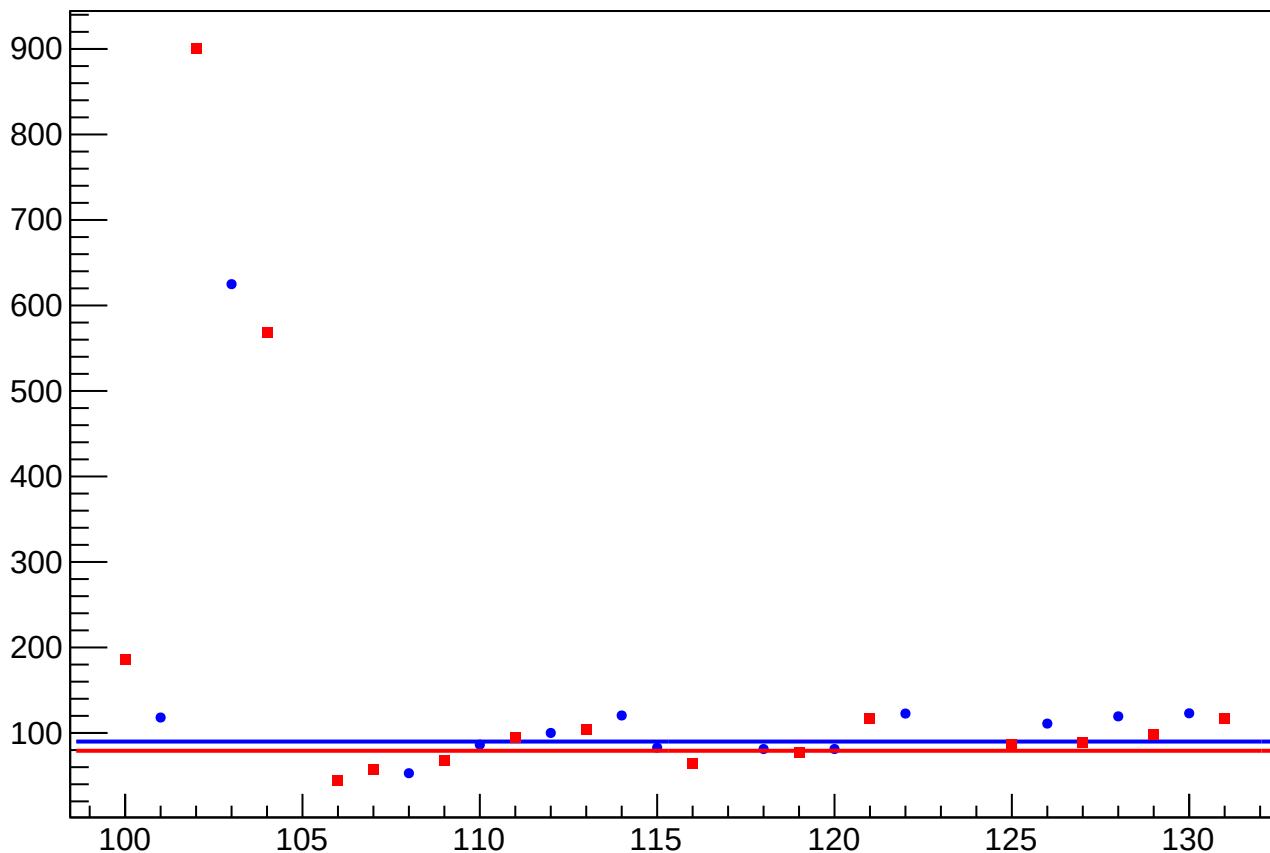
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 20.6/27

In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.029 χ^2 /NDF: 20.6/27

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.181+/-0.027 χ^2/NDF : 2249122.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

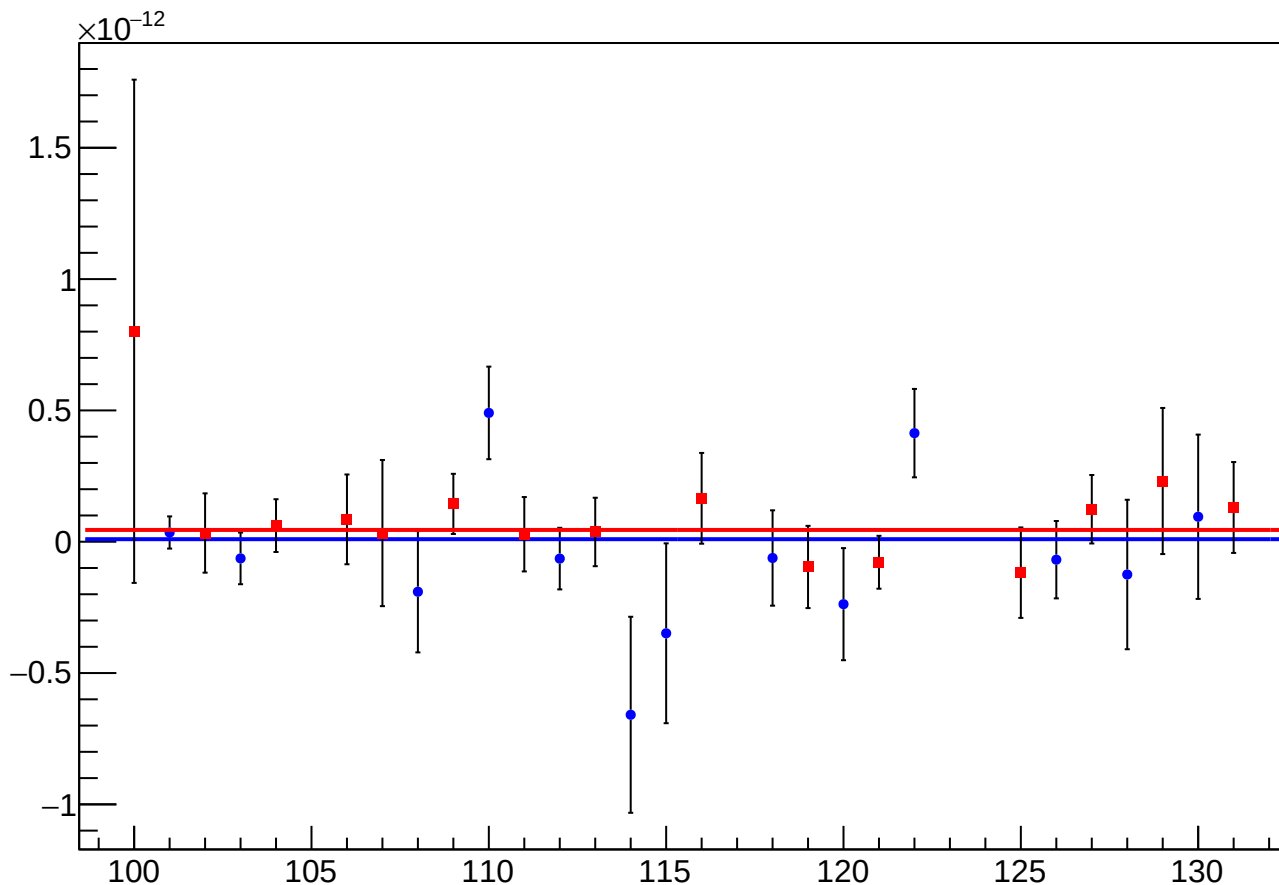
Right: 83.944+/-0.020 χ^2/NDF : 3866223.4/27

In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.944+/-0.020 χ^2/NDF : 3866223.4/27

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

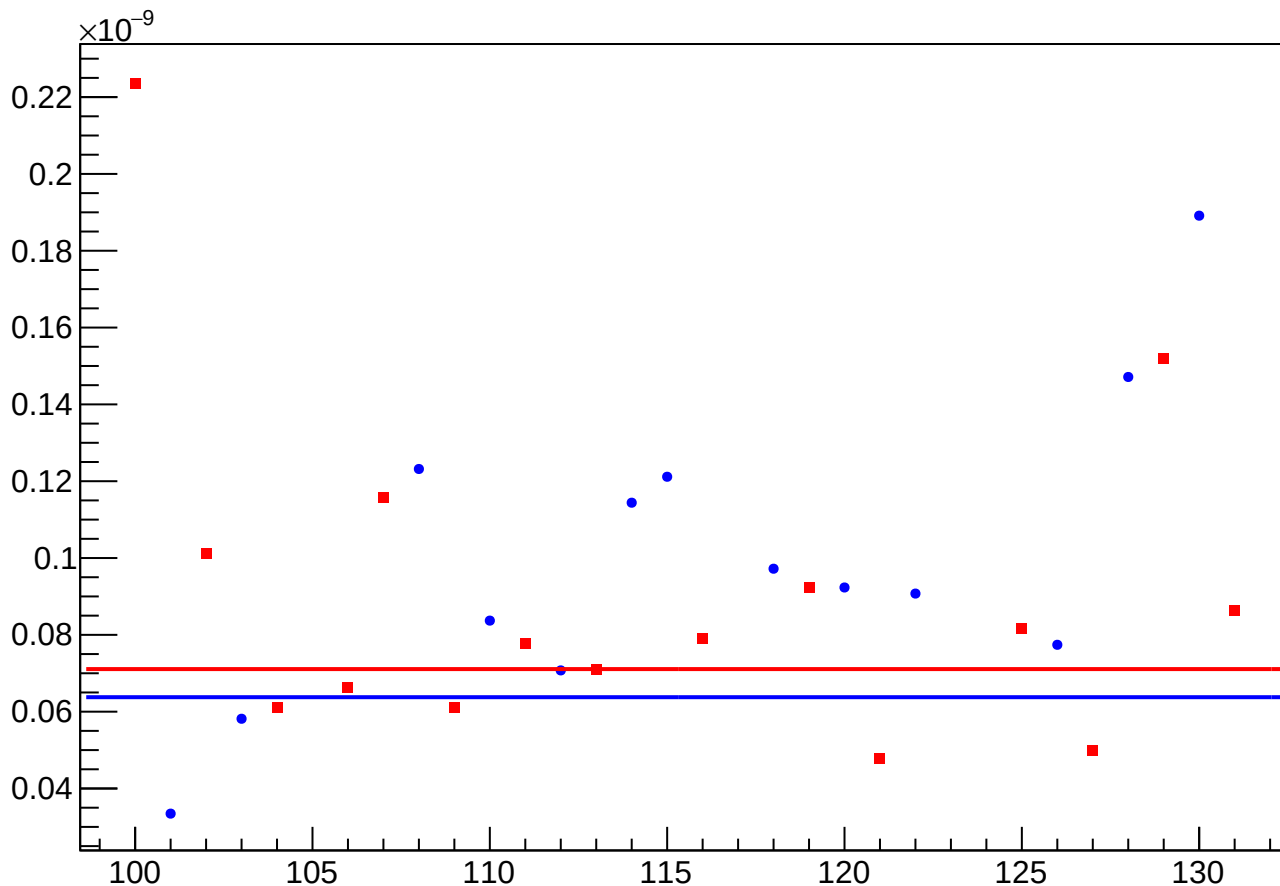
Right: 0.000+/-0.000 χ^2/NDF : 28.1/27

In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.1/27

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 : 1419017.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 614397.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

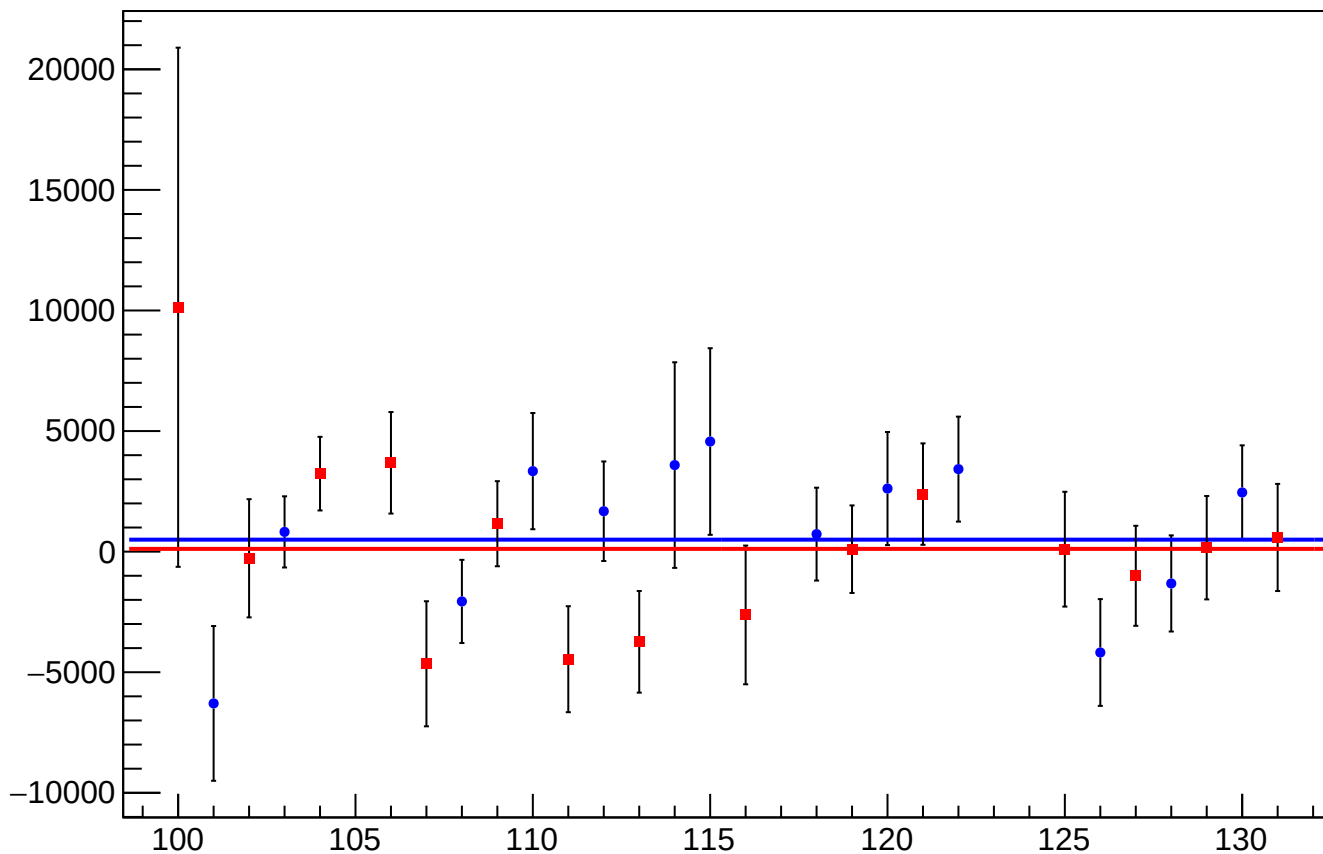
Right: 0.000+/-0.000 χ^2/NDF : 2069644.4/27

In: 0.000+/-0.000 χ^2/NDF : 1419017.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2069644.4/27

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 497.297 $\pm$ 597.413 χ^2 /NDF: 19.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.840 $\pm$ 557.977 χ^2 /NDF: 21.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

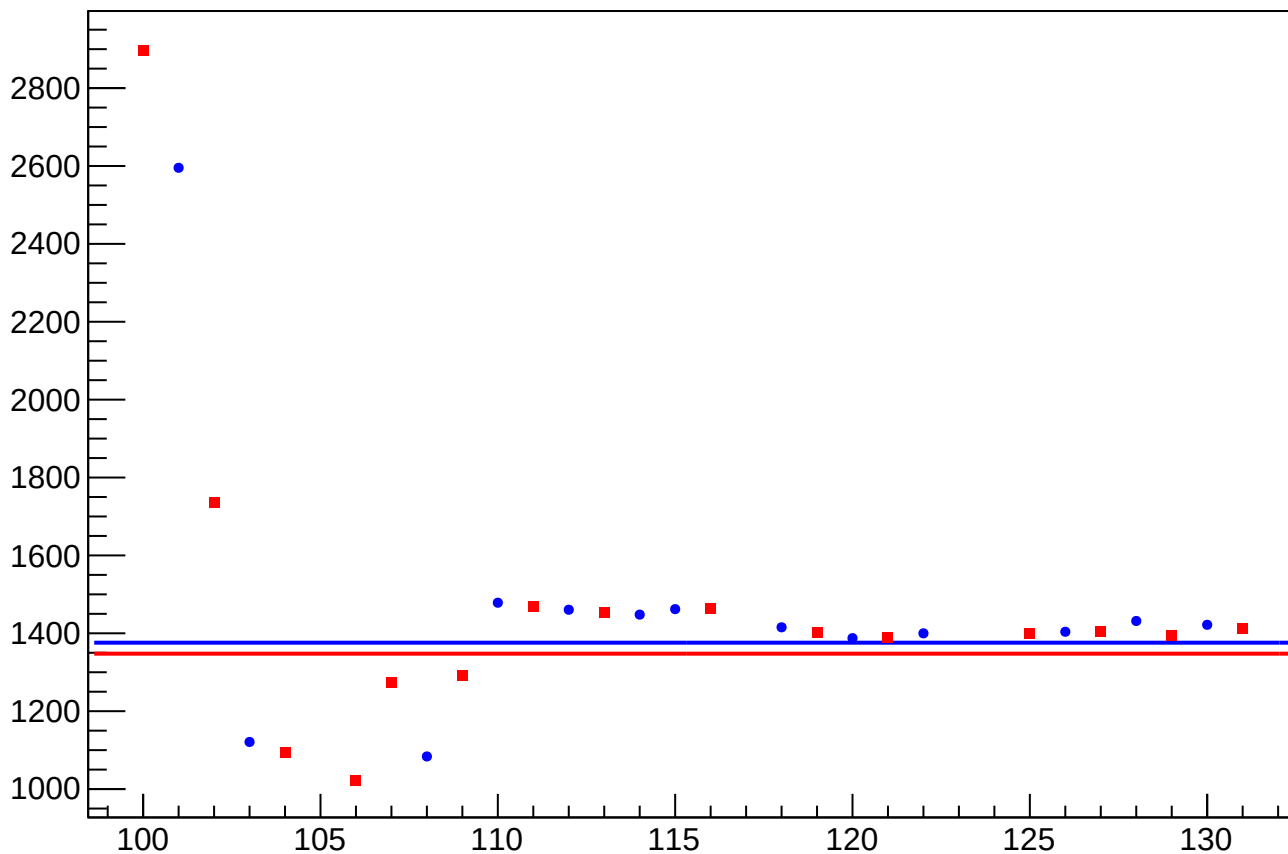
Right: 293.030 $\pm$ 407.779 χ^2 /NDF: 41.0/27

In: 497.297 $\pm$ 597.413 χ^2 /NDF:19.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 293.030 $\pm$ 407.779 χ^2 /NDF: 41.0/27

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1347.707+/-0.395 χ^2/NDF : 220146.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

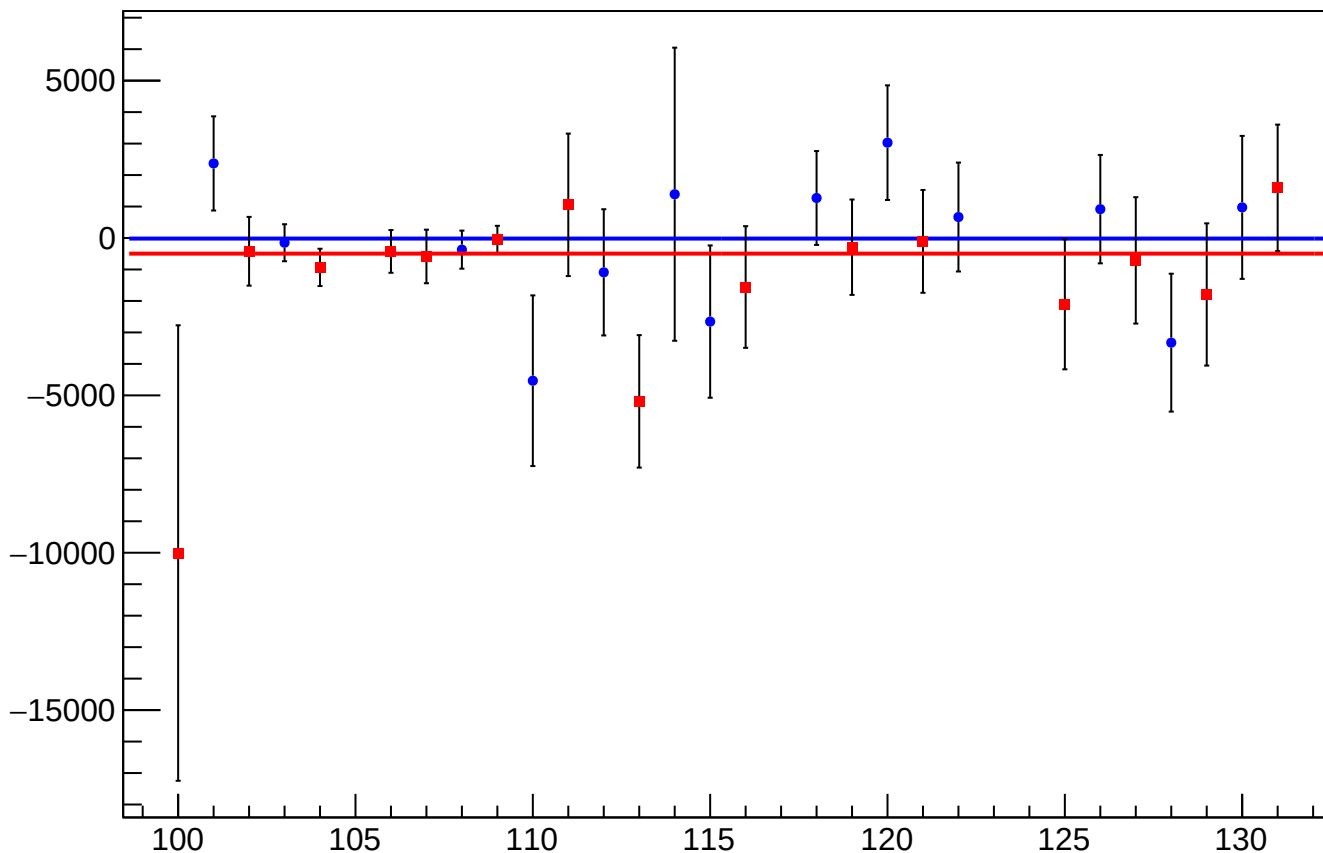
Right: 1360.842+/-0.288 χ^2/NDF : 641200.4/27

In: 1375.899+/-0.422 χ^2/NDF :418674.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1360.842+/-0.288 χ^2/NDF : 641200.4/27

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -17.958 ± 343.004 $\chi^2/\text{NDF}: 13.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -496.249 ± 259.302 $\chi^2/\text{NDF}: 11.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

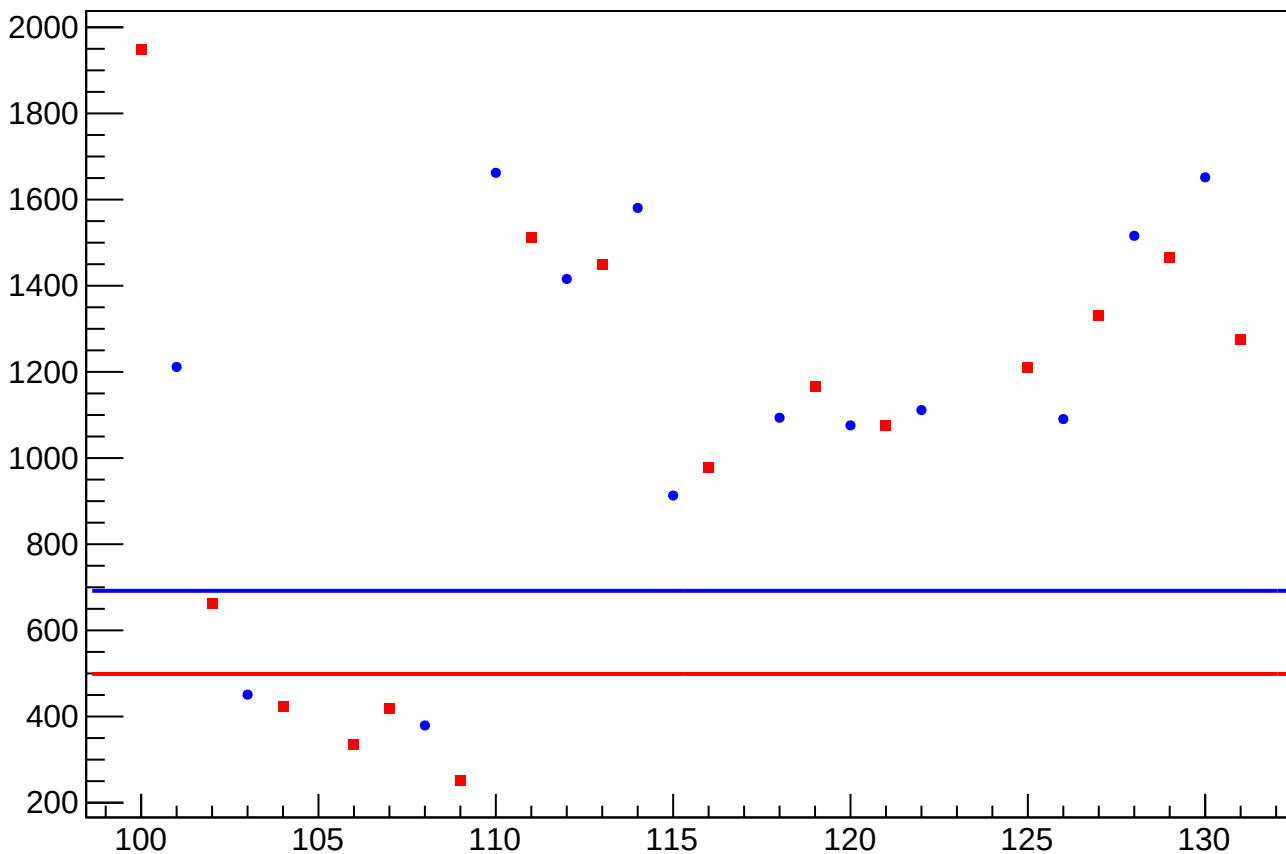
Right: -322.312 ± 206.847 $\chi^2/\text{NDF}: 26.2/27$

In: -17.958 ± 343.004 $\chi^2/\text{NDF}: 13.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -322.312 ± 206.847 $\chi^2/\text{NDF}: 26.2/27$

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 691.850+/-0.243 χ^2/NDF : 2816537.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.885+/-0.183 χ^2/NDF : 3745071.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

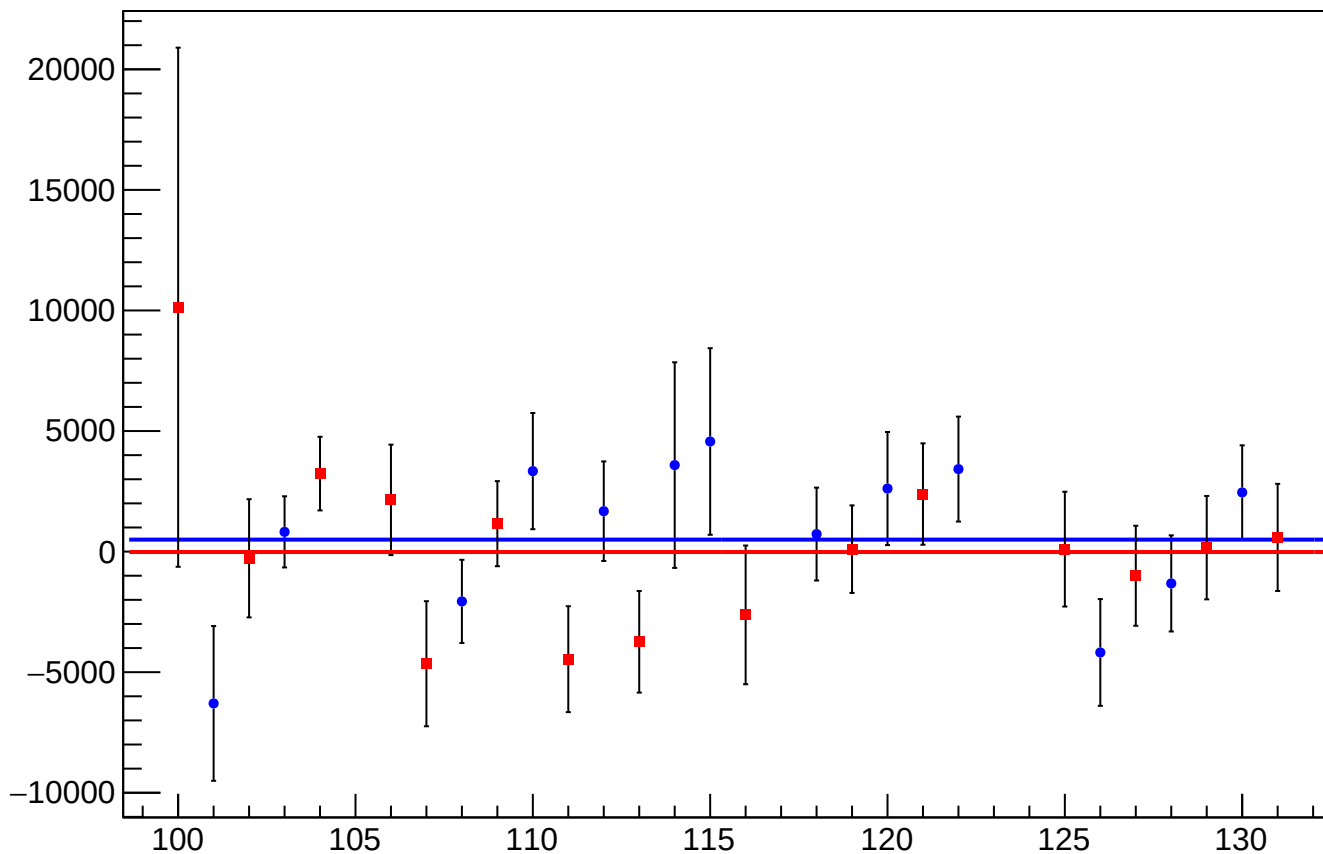
Right: 569.060+/-0.146 χ^2/NDF : 6964392.7/27

In: 691.850+/-0.243 χ^2/NDF : 2816537.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.060+/-0.146 χ^2/NDF : 6964392.7/27

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.924+/-561.034 χ^2/NDF : 19.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

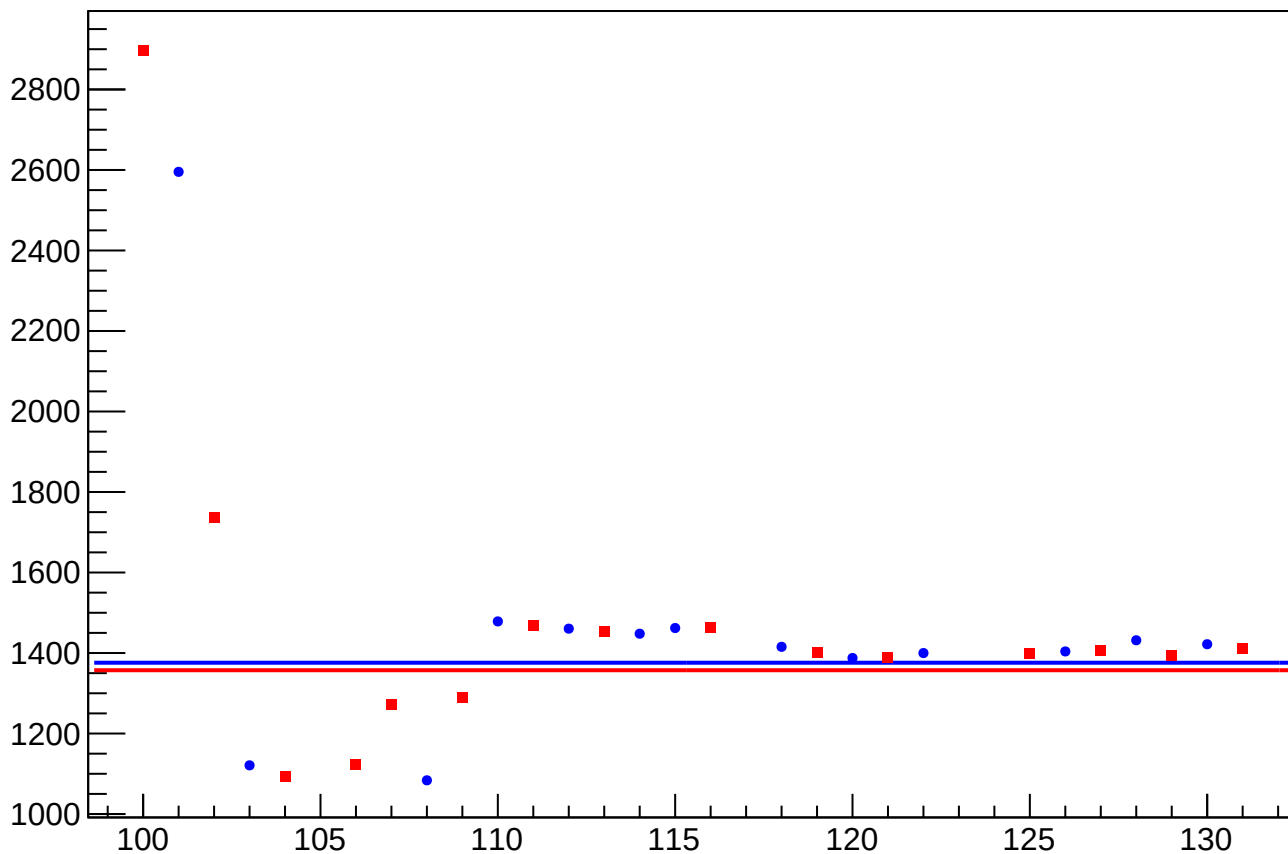
Right: 223.979+/-408.967 χ^2/NDF : 39.0/27

In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.979+/-408.967 χ^2/NDF : 39.0/27

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.229+/-0.397 χ^2/NDF : 191368.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

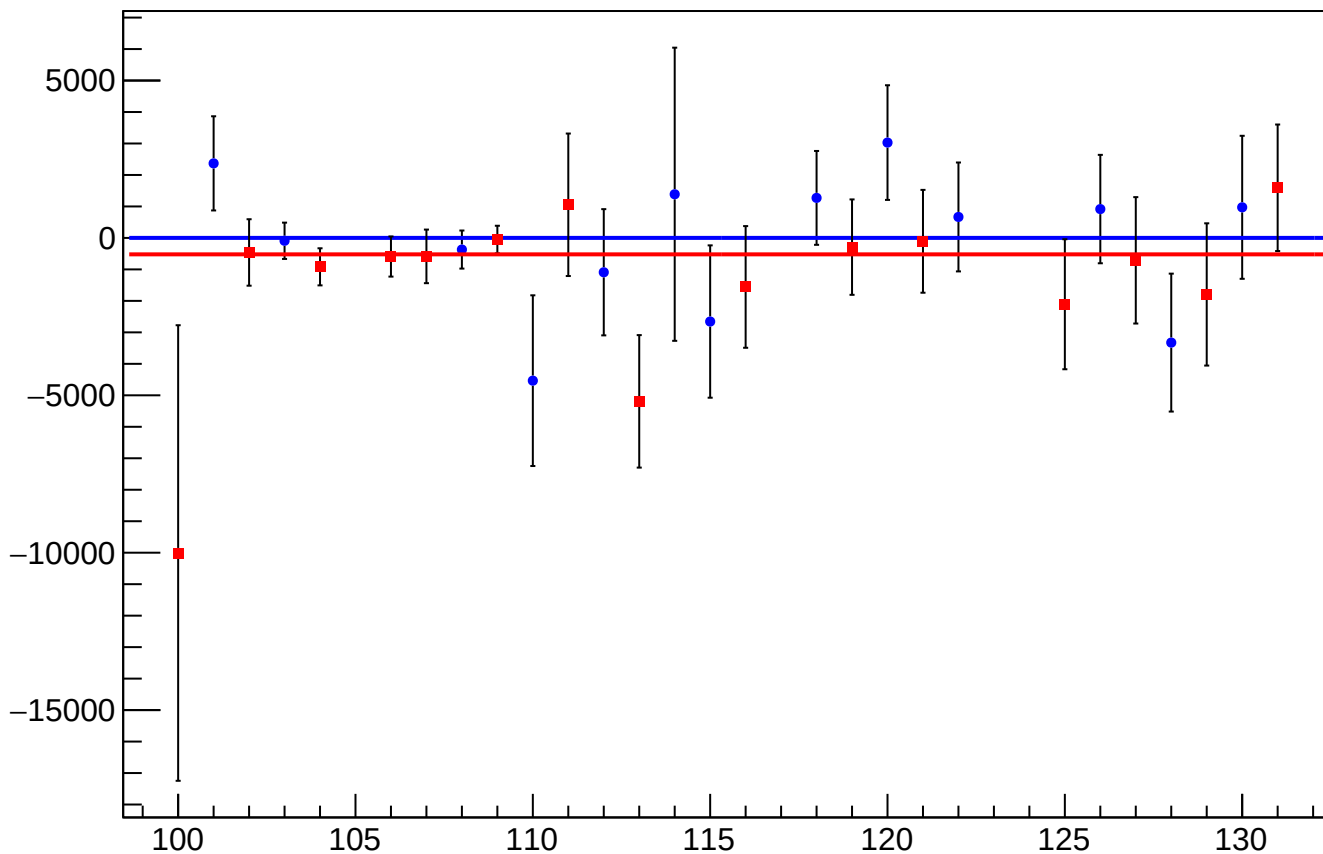
Right: 1365.979+/-0.289 χ^2/NDF : 611081.0/27

In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.979+/-0.289 χ^2/NDF : 611081.0/27

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.825+/-256.049 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

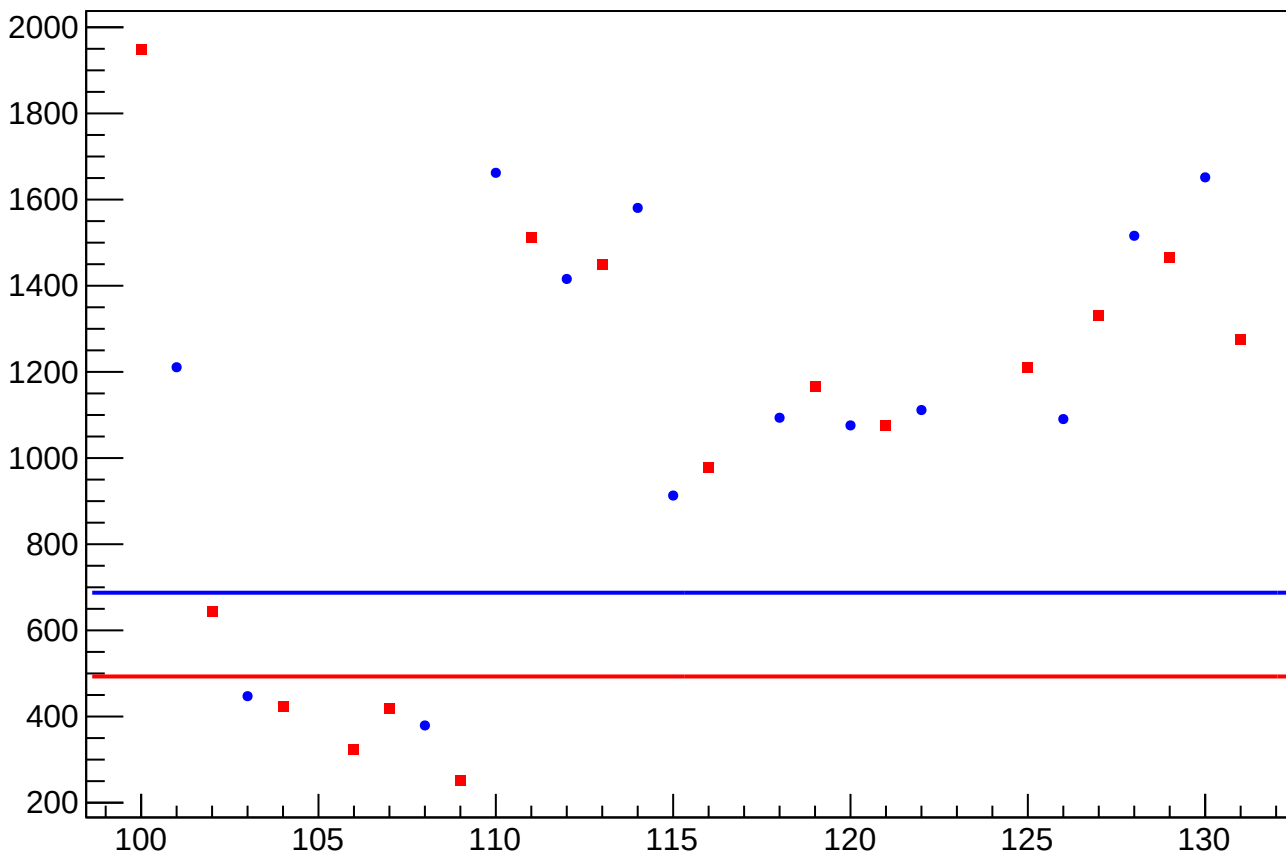
Right: -333.098+/-204.697 χ^2/NDF : 26.4/27

In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.098+/-204.697 χ^2/NDF : 26.4/27

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 687.432+/-0.241 χ^2/NDF : 2839443.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 492.978+/-0.181 χ^2/NDF : 3772795.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

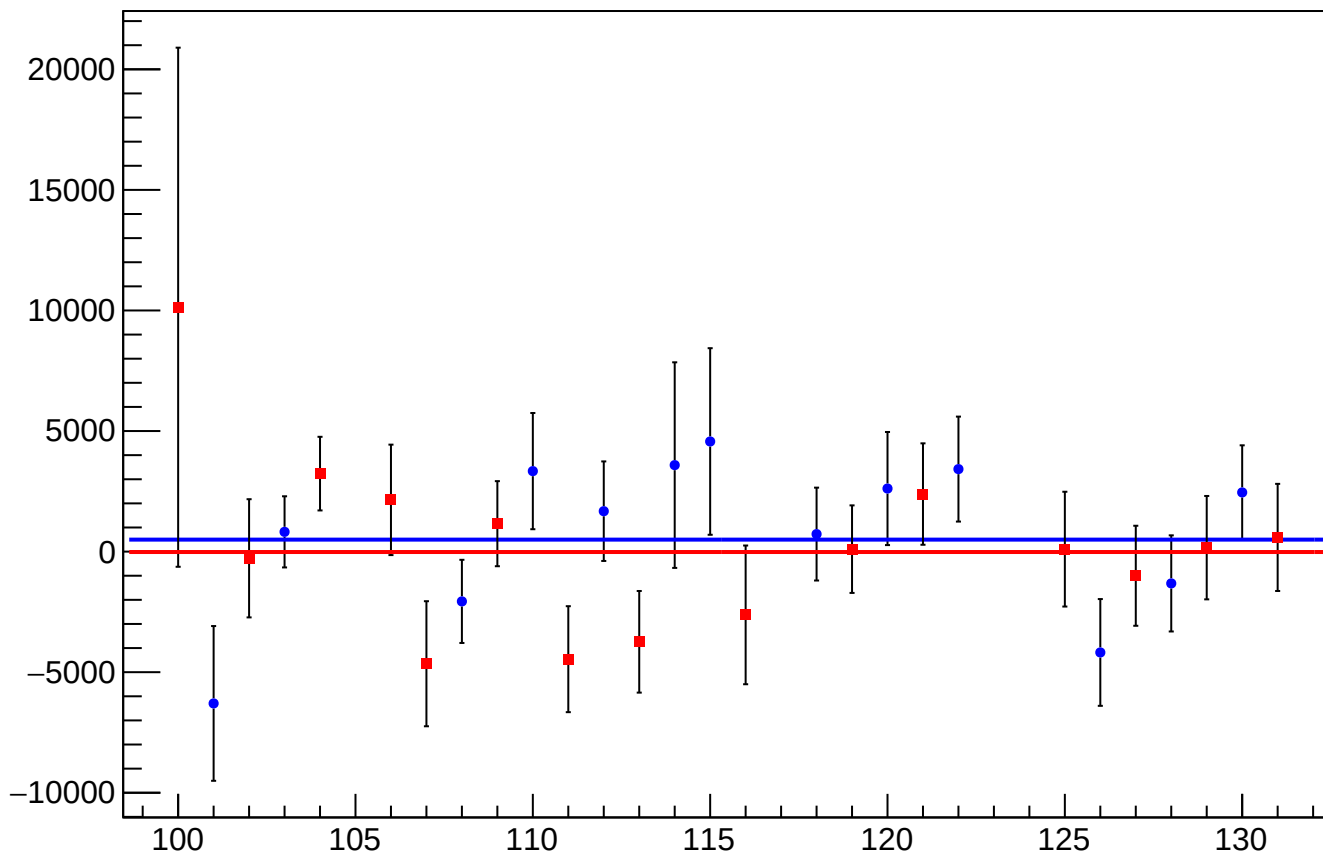
Right: 563.154+/-0.145 χ^2/NDF : 7028524.0/27

In: 687.432+/-0.241 χ^2/NDF :2839443.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 563.154+/-0.145 χ^2/NDF : 7028524.0/27

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.924+/-561.034 χ^2/NDF : 19.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

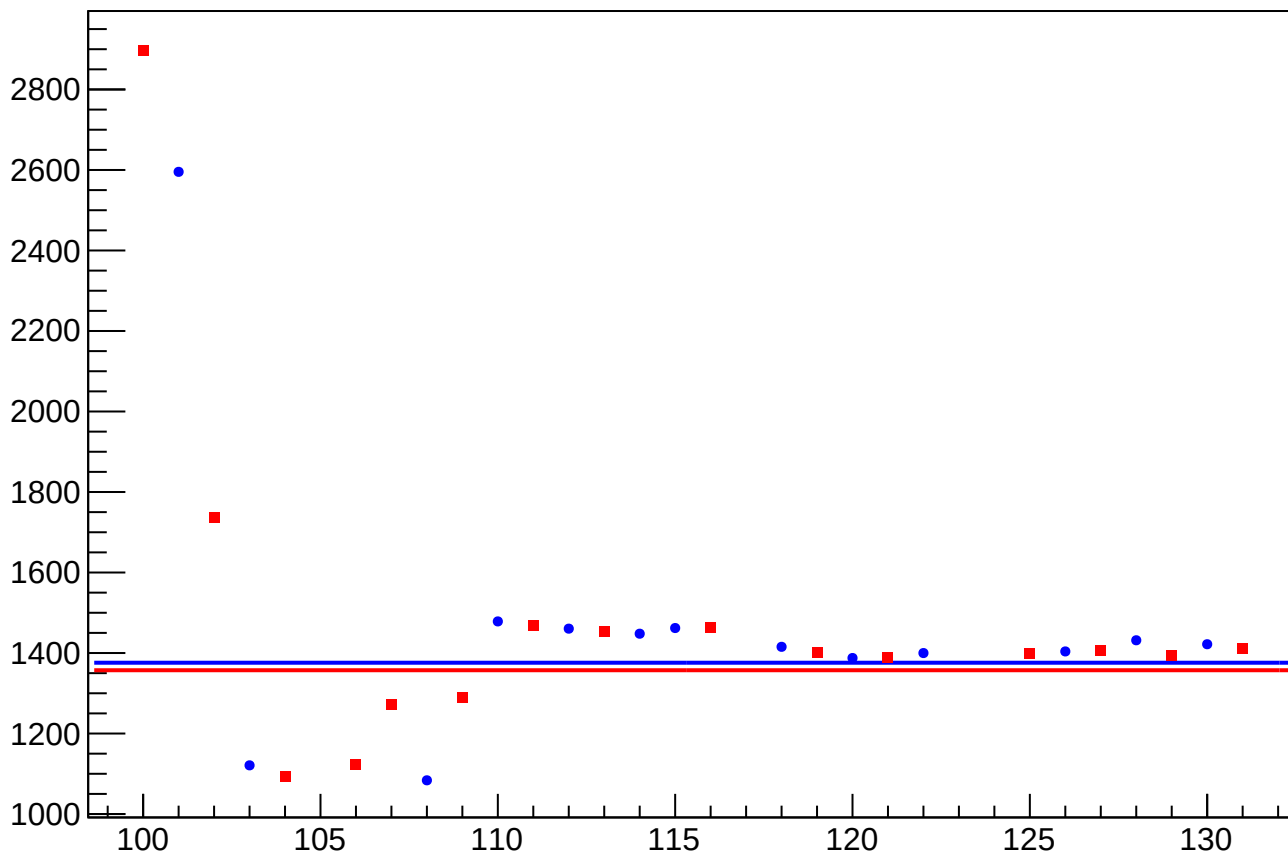
Right: 223.979+/-408.967 χ^2/NDF : 39.0/27

In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.979+/-408.967 χ^2/NDF : 39.0/27

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.229+/-0.397 χ^2/NDF : 191368.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

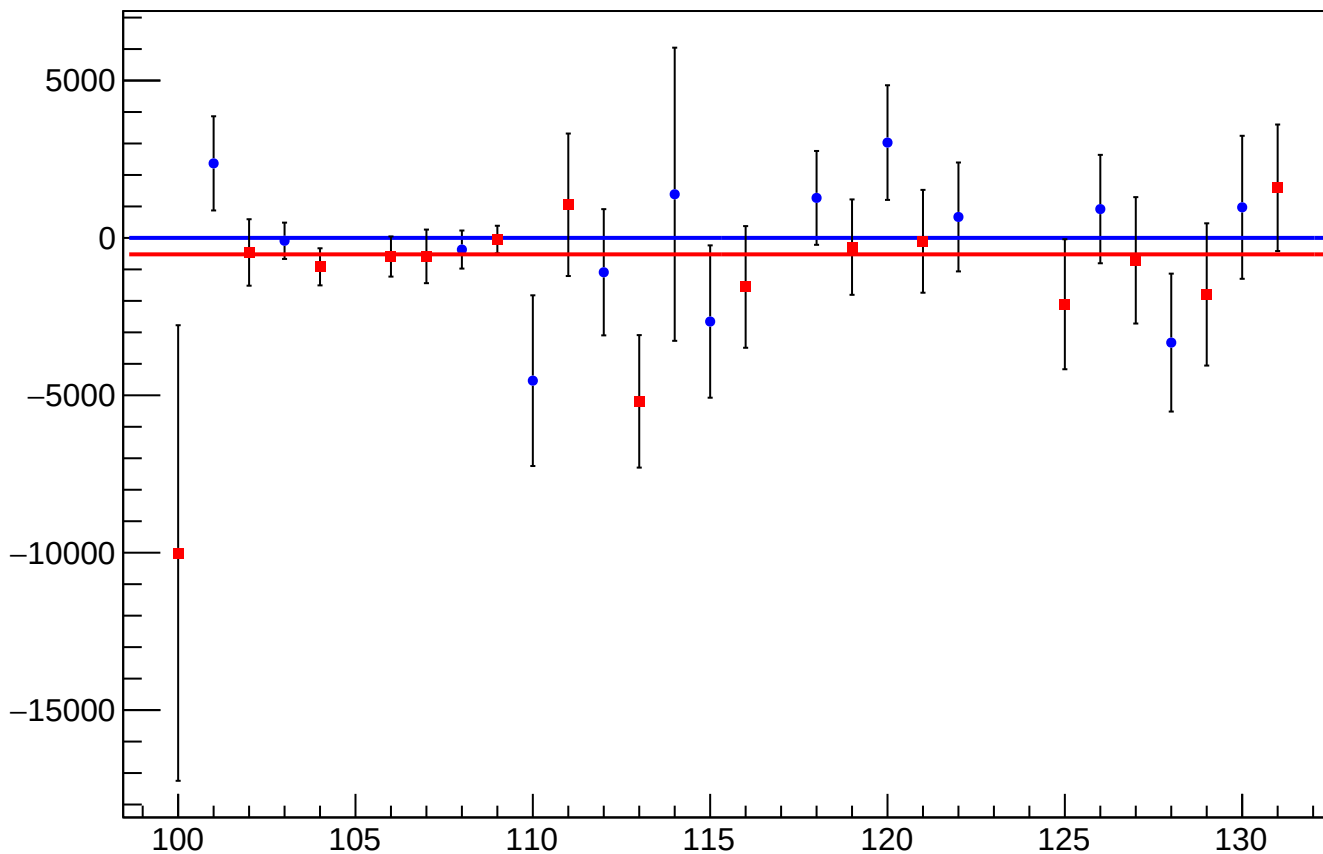
Right: 1365.979+/-0.289 χ^2/NDF : 611081.0/27

In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.979+/-0.289 χ^2/NDF : 611081.0/27

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.825+/-256.049 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

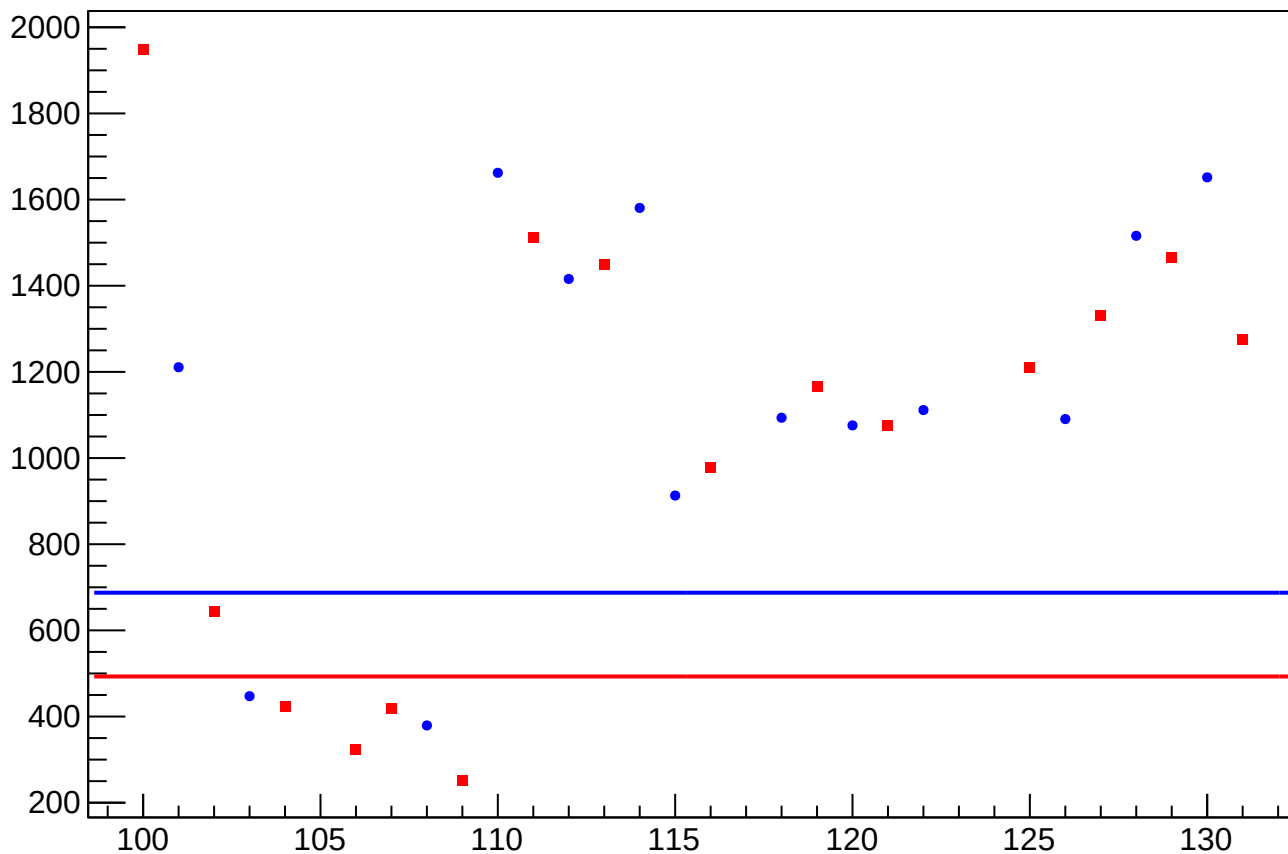
Right: -333.098+/-204.697 χ^2/NDF : 26.4/27

In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.098+/-204.697 χ^2/NDF : 26.4/27

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 687.432+/-0.241 χ^2/NDF : 2839443.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 492.978+/-0.181 χ^2/NDF : 3772795.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

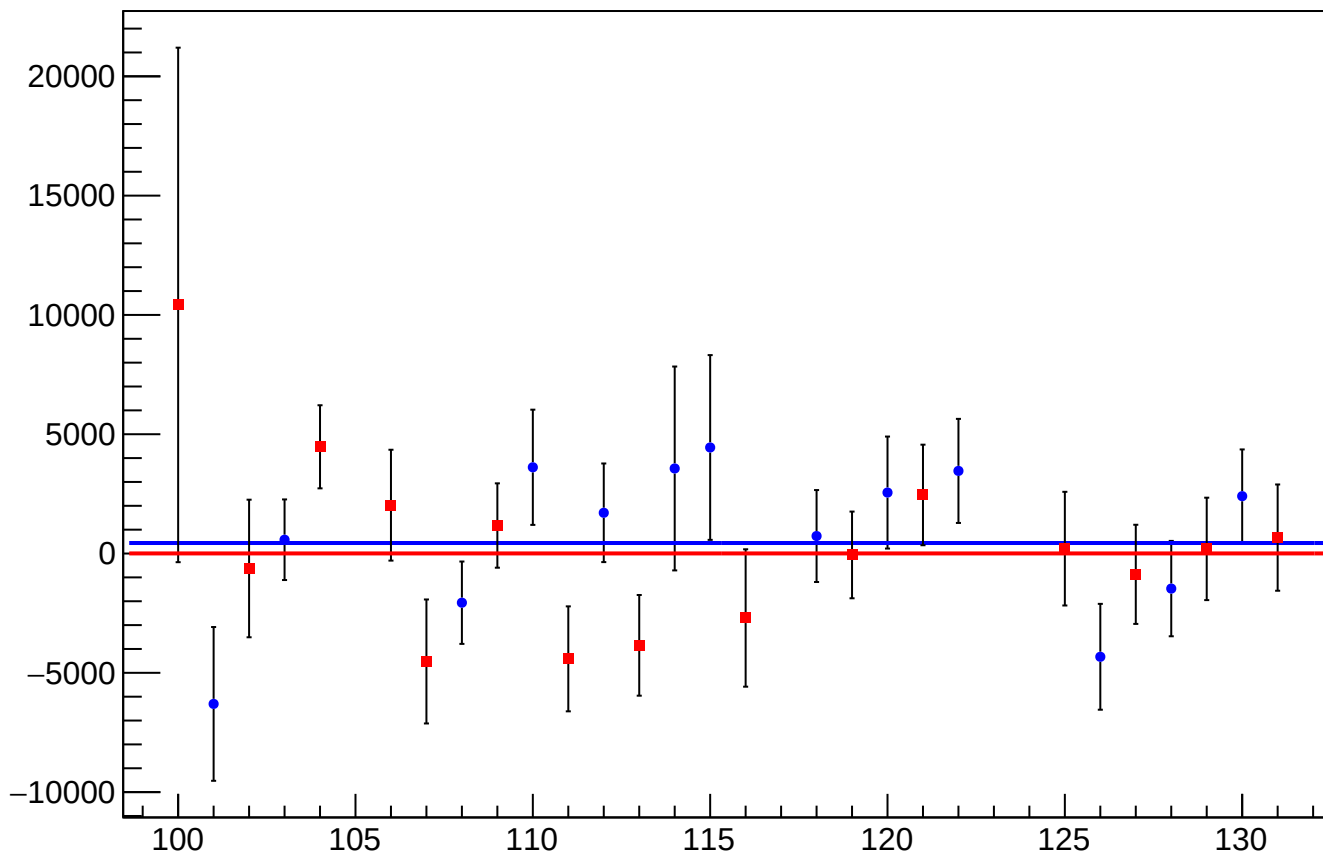
Right: 563.154+/-0.145 χ^2/NDF : 7028524.0/27

In: 687.432+/-0.241 χ^2/NDF :2839443.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 563.154+/-0.145 χ^2/NDF : 7028524.0/27

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 440.978+/-610.282 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.374+/-575.564 χ^2/NDF : 21.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

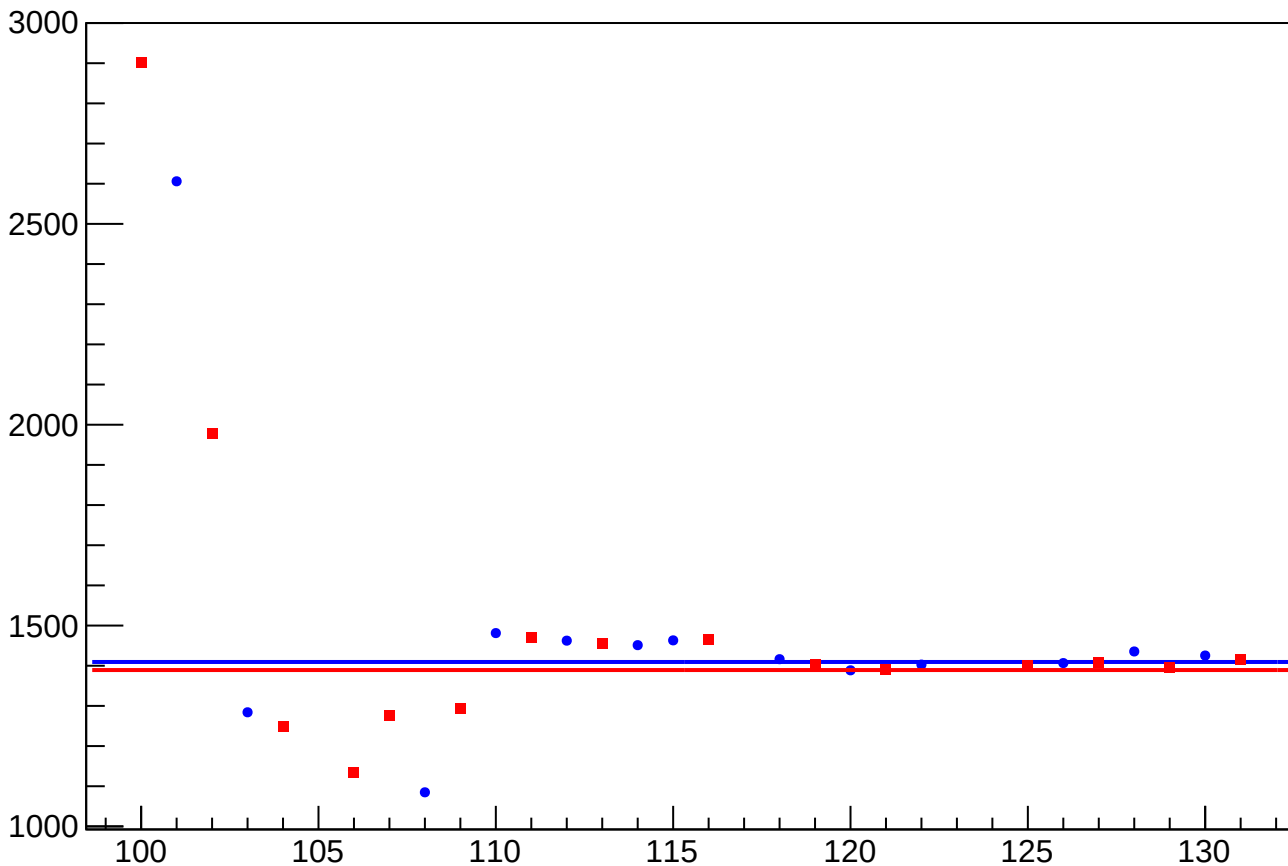
Right: 209.904+/-418.721 χ^2/NDF : 41.4/27

In: 440.978+/-610.282 χ^2/NDF : 19.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.904+/-418.721 χ^2/NDF : 41.4/27

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1409.352+/-0.432 χ^2/NDF : 361831.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1389.270+/-0.407 χ^2/NDF : 176603.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

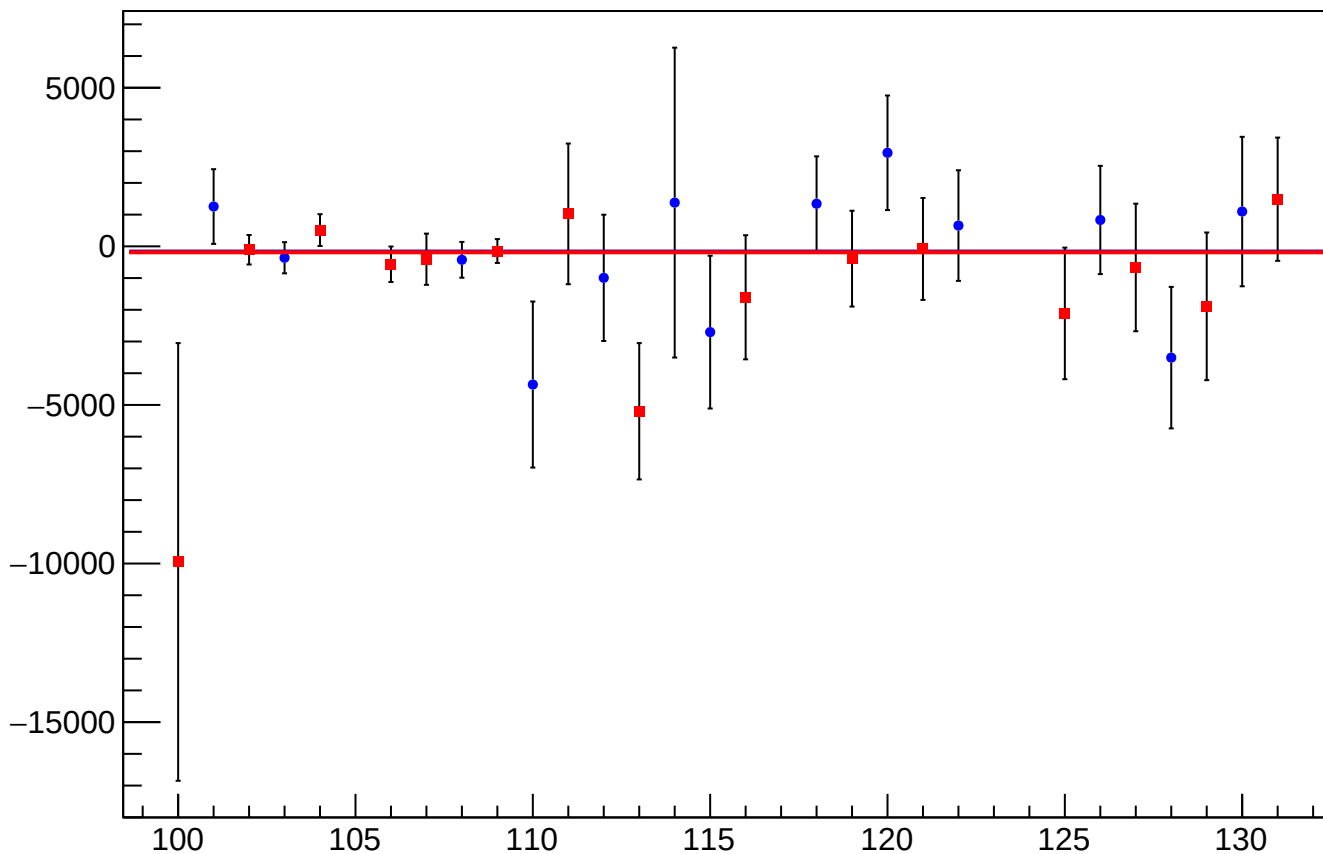
Right: 1398.724+/-0.296 χ^2/NDF : 539581.7/27

In: 1409.352+/-0.432 χ^2/NDF :361831.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1398.724+/-0.296 χ^2/NDF : 539581.7/27

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.275+/-309.732 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.252+/-209.116 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

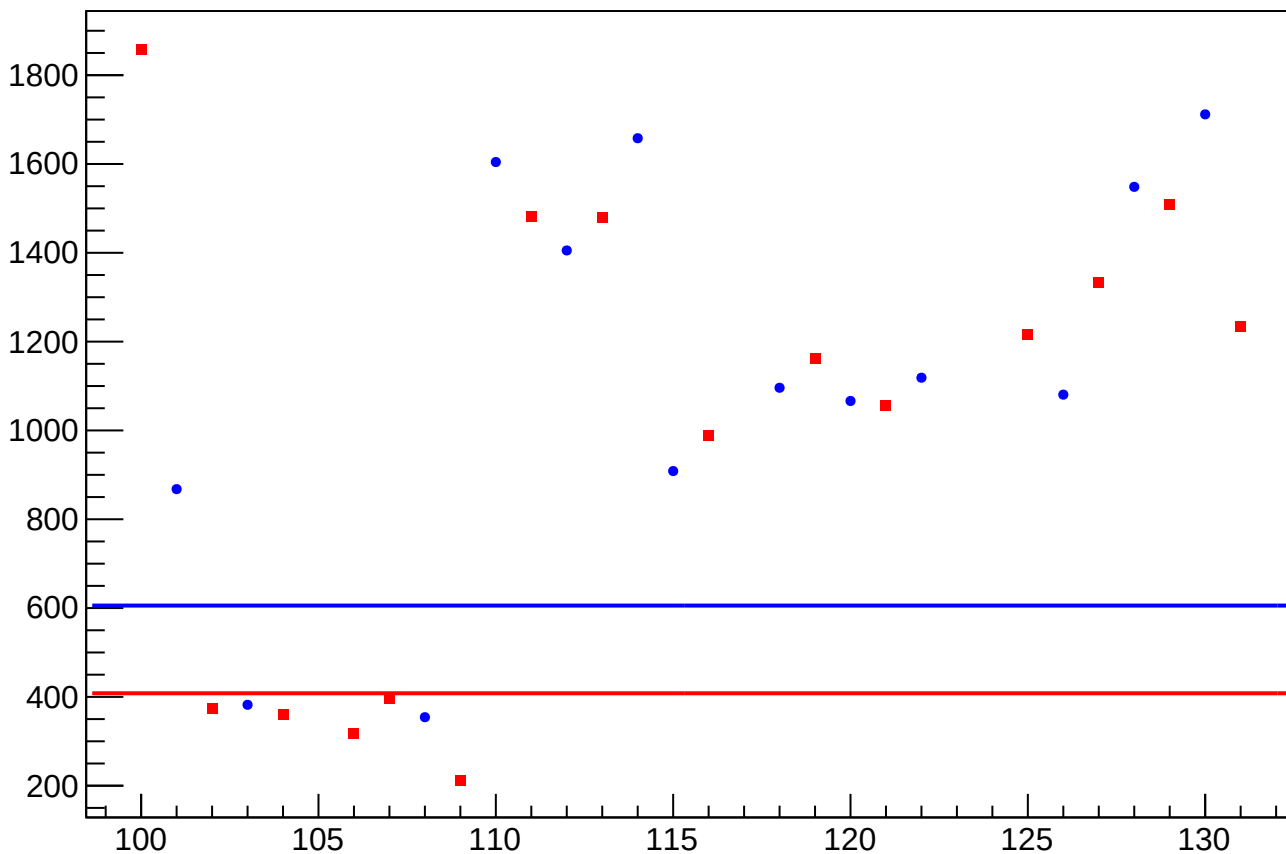
Right: -180.058+/-173.313 χ^2/NDF : 25.9/27

In: -164.275+/-309.732 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.058+/-173.313 χ^2/NDF : 25.9/27

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.644+/-0.219 χ^2/NDF : 3120276.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.170+/-0.148 χ^2/NDF : 4217864.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

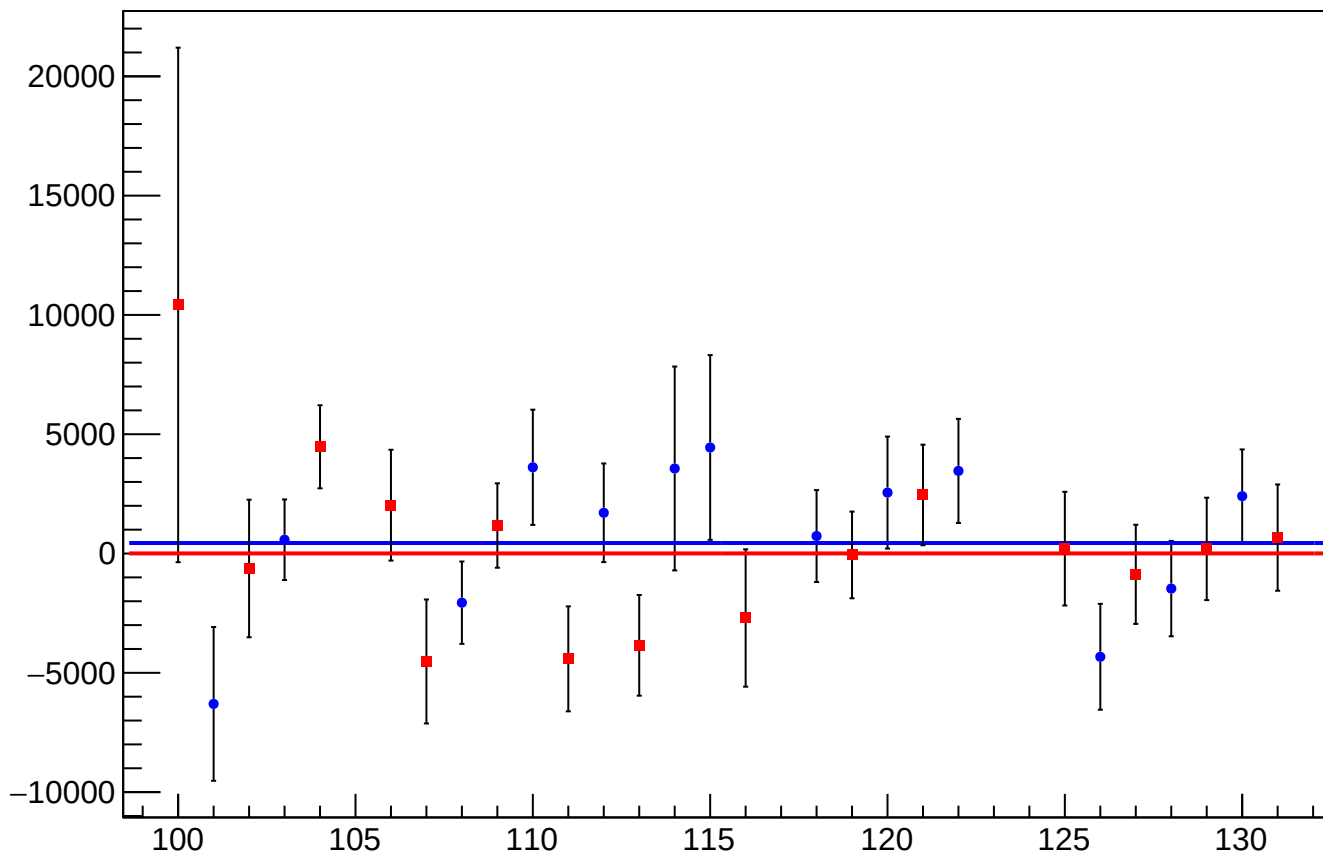
Right: 470.000+/-0.123 χ^2/NDF : 7896567.8/27

In: 605.644+/-0.219 χ^2/NDF : 3120276.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.000+/-0.123 χ^2/NDF : 7896567.8/27

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 440.973+/-610.282 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.375+/-575.564 χ^2/NDF : 21.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

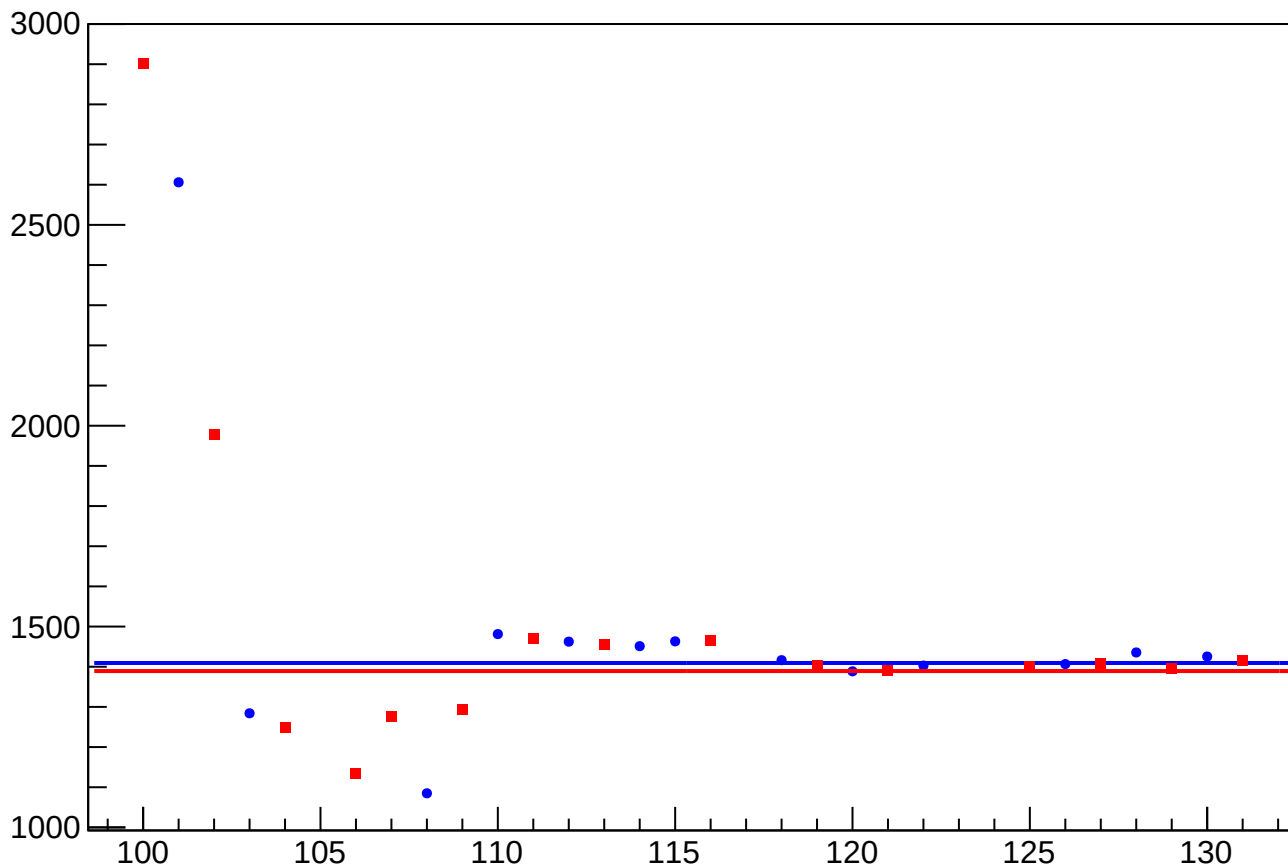
Right: 209.902+/-418.721 χ^2/NDF : 41.4/27

In: 440.973+/-610.282 χ^2/NDF : 19.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.902+/-418.721 χ^2/NDF : 41.4/27

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1409.352+/-0.432 χ^2/NDF : 361831.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.270+/-0.407 χ^2/NDF : 176603.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

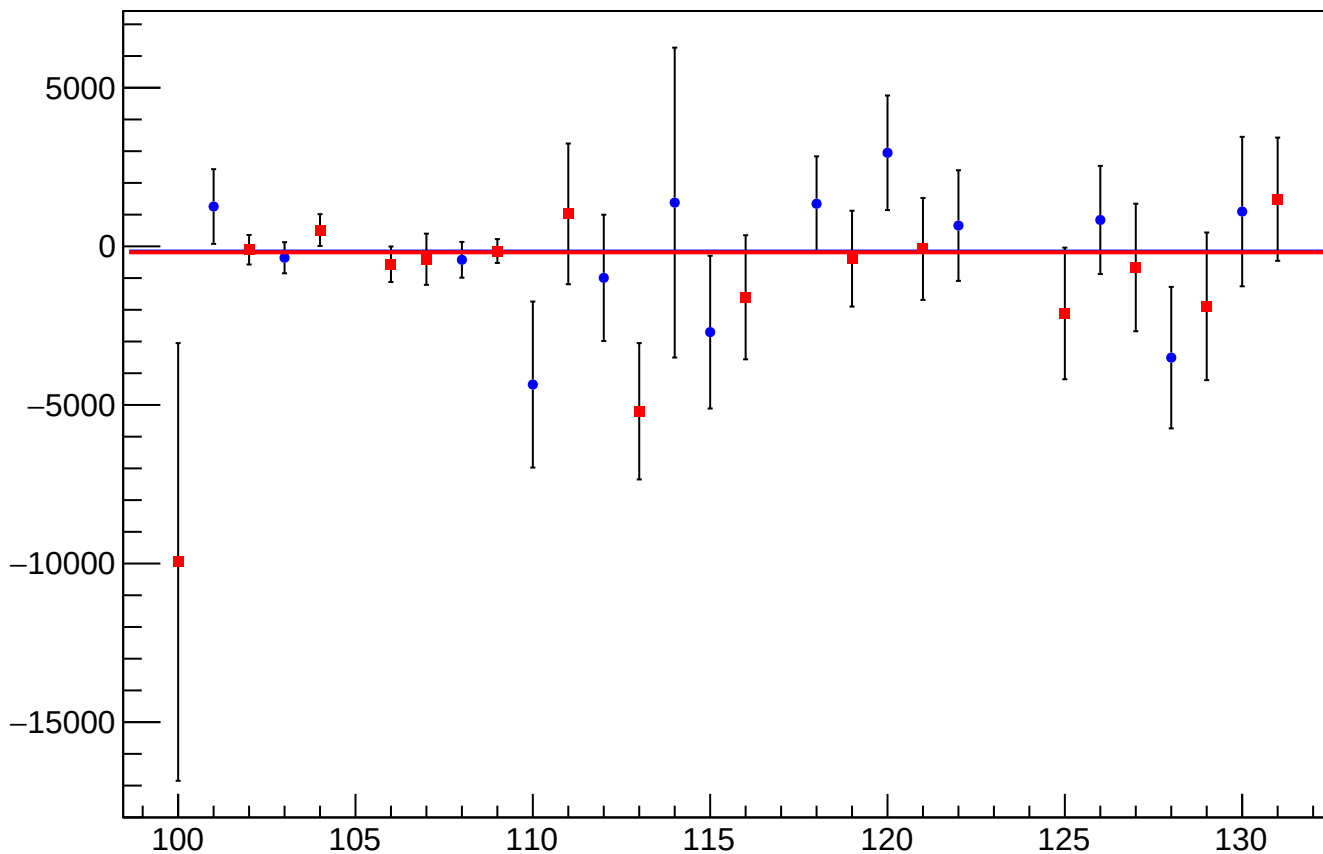
Right: 1398.724+/-0.296 χ^2/NDF : 539581.3/27

In: 1409.352+/-0.432 χ^2/NDF : 361831.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.724+/-0.296 χ^2/NDF : 539581.3/27

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.284+/-309.728 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.247+/-209.117 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

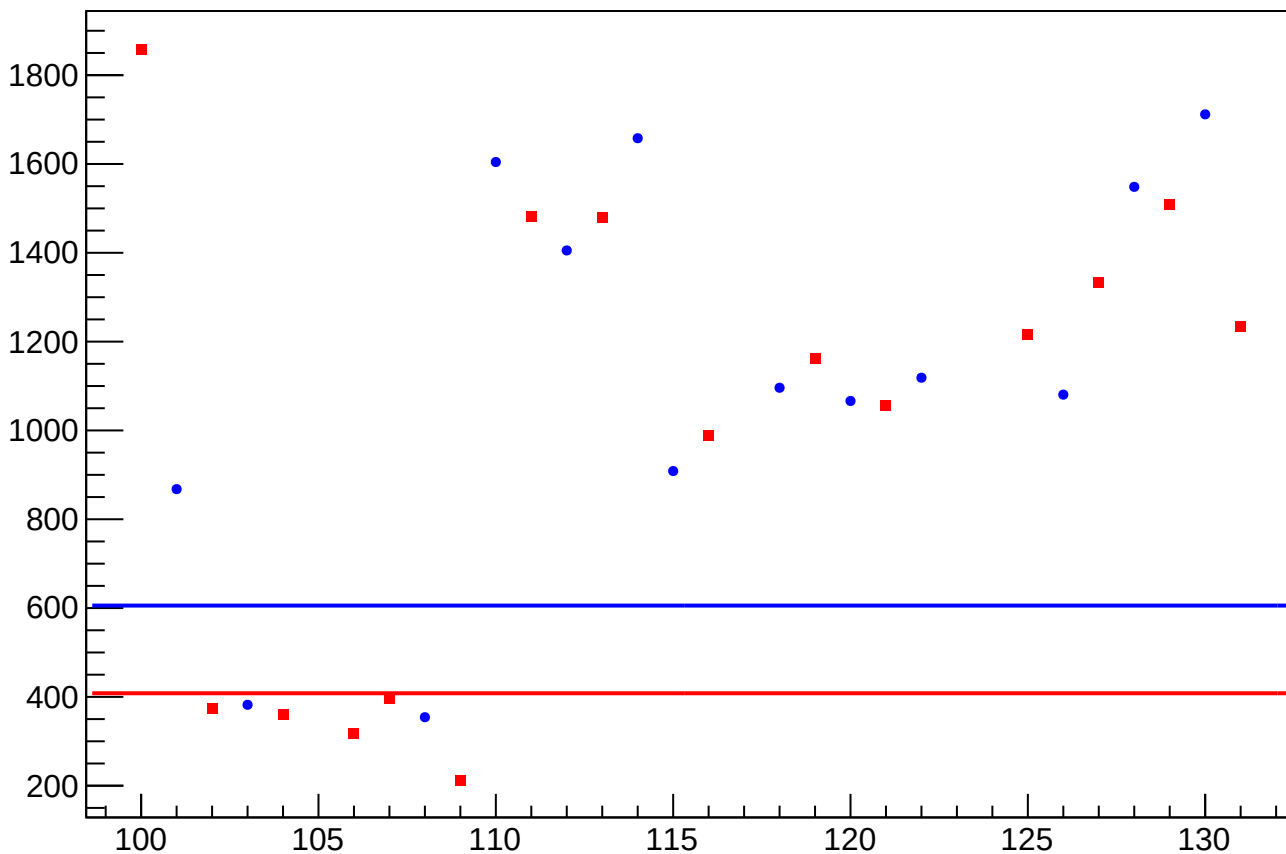
Right: -180.057+/-173.313 χ^2/NDF : 25.9/27

In: -164.284+/-309.728 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.057+/-173.313 χ^2/NDF : 25.9/27

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.634+/-0.219 χ^2/NDF : 3120340.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.175+/-0.148 χ^2/NDF : 4217781.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

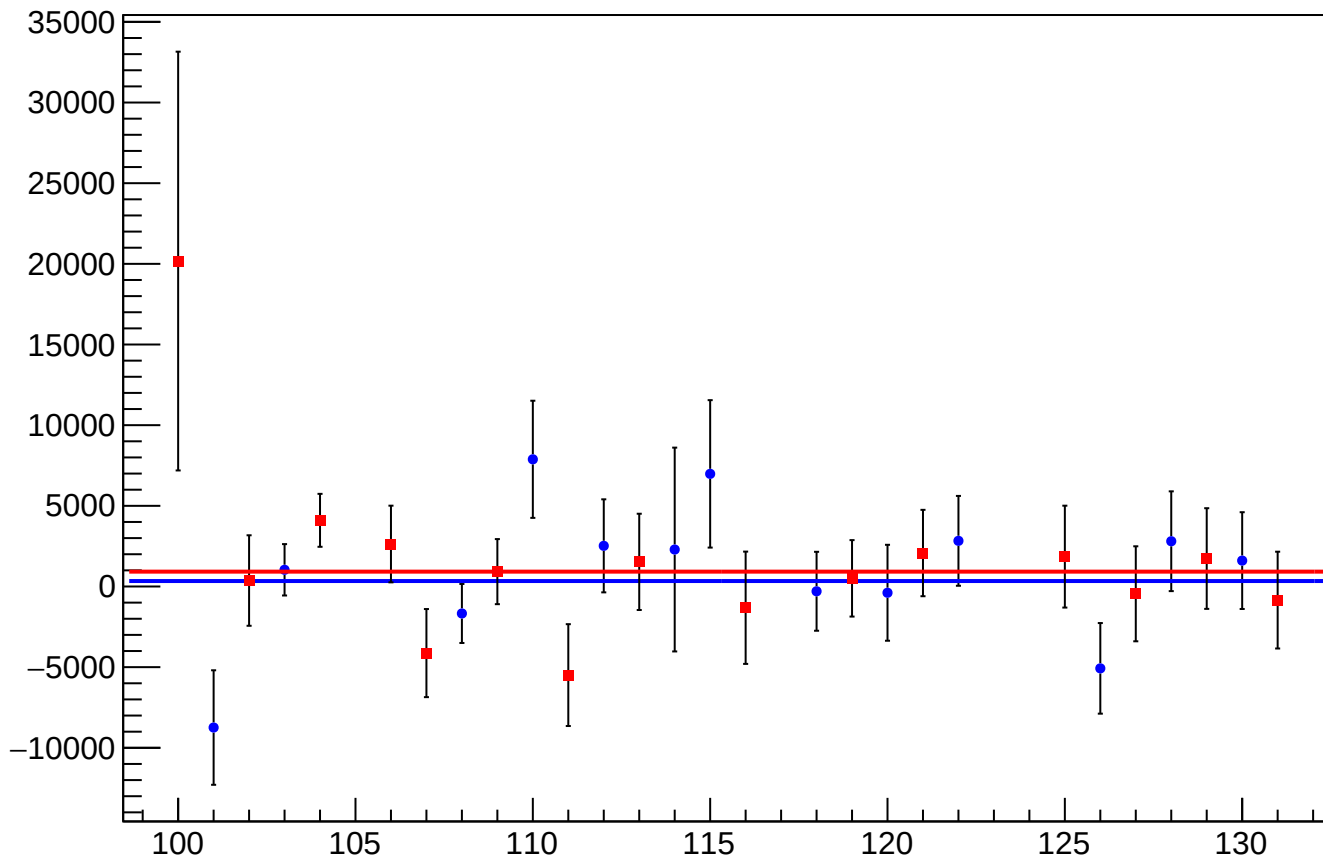
Right: 470.002+/-0.123 χ^2/NDF : 7896472.7/27

In: 605.634+/-0.219 χ^2/NDF : 3120340.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.002+/-0.123 χ^2/NDF : 7896472.7/27

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 338.367 $\pm$ 746.711 χ^2 /NDF: 20.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 921.212 $\pm$ 689.458 χ^2 /NDF: 15.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

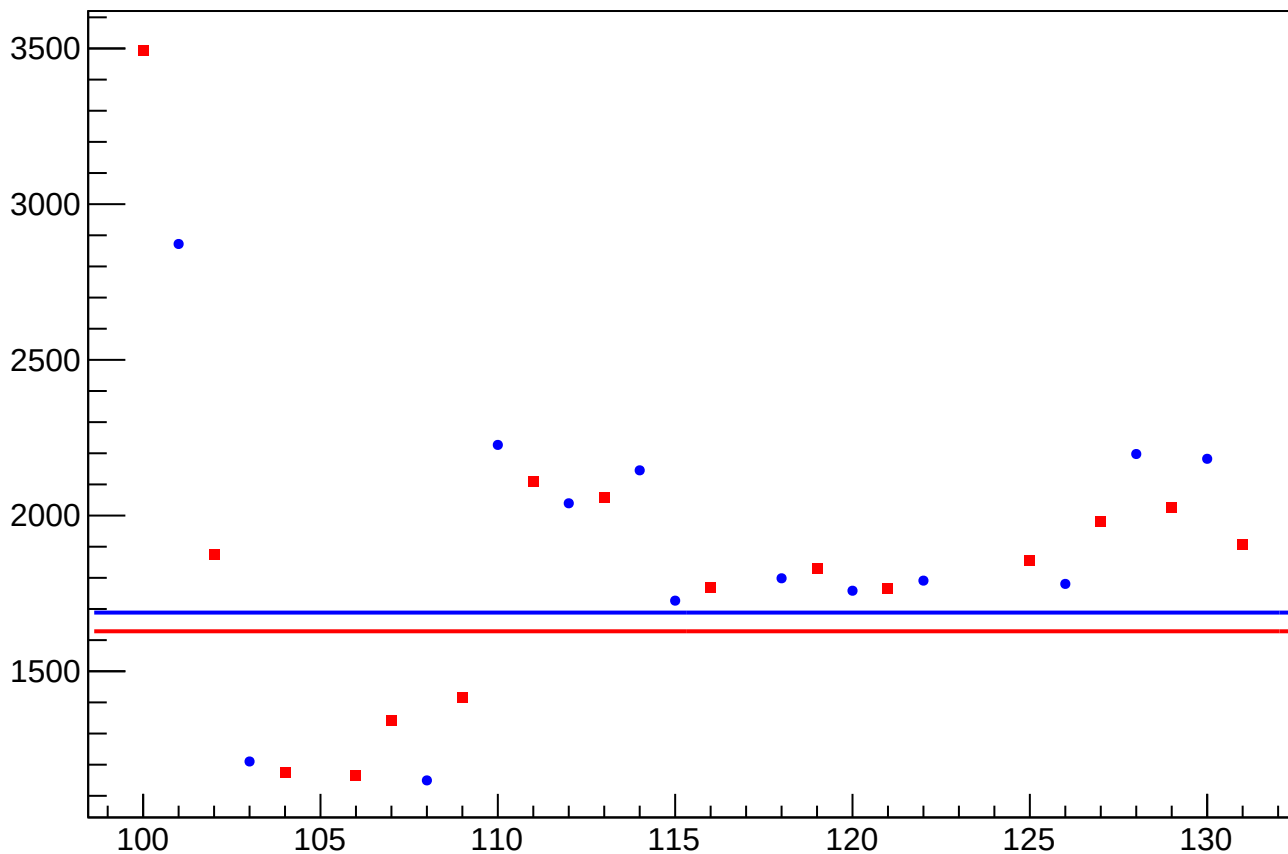
Right: 652.988 $\pm$ 506.553 χ^2 /NDF: 36.3/27

In: 338.367 $\pm$ 746.711 χ^2 /NDF:20.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 652.988 $\pm$ 506.553 χ^2 /NDF: 36.3/27

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1688.431+/-0.528 χ^2/NDF : 779162.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.363+/-0.488 χ^2/NDF : 528841.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

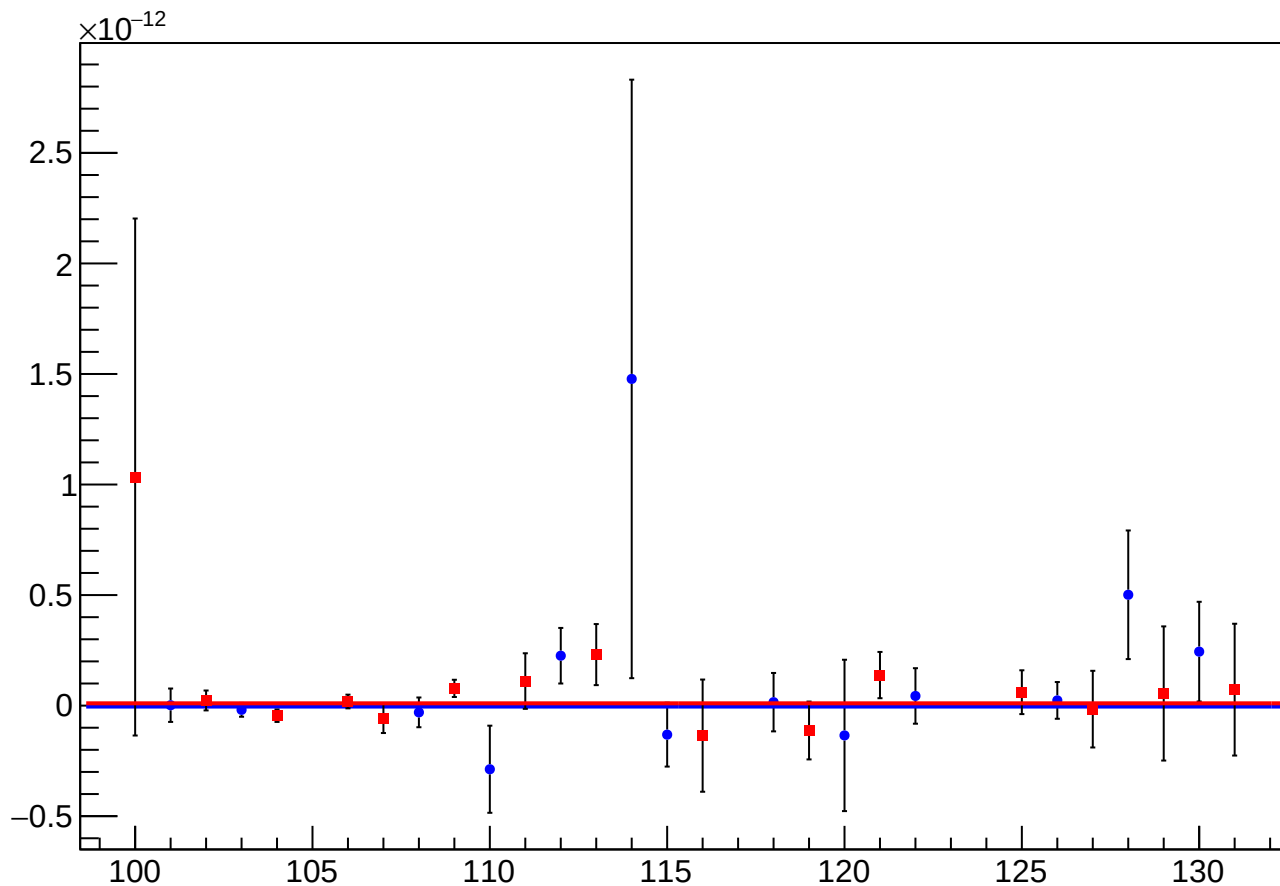
Right: 1656.006+/-0.358 χ^2/NDF : 1314991.0/27

In: 1688.431+/-0.528 χ^2/NDF : 779162.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.006+/-0.358 χ^2/NDF : 1314991.0/27

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

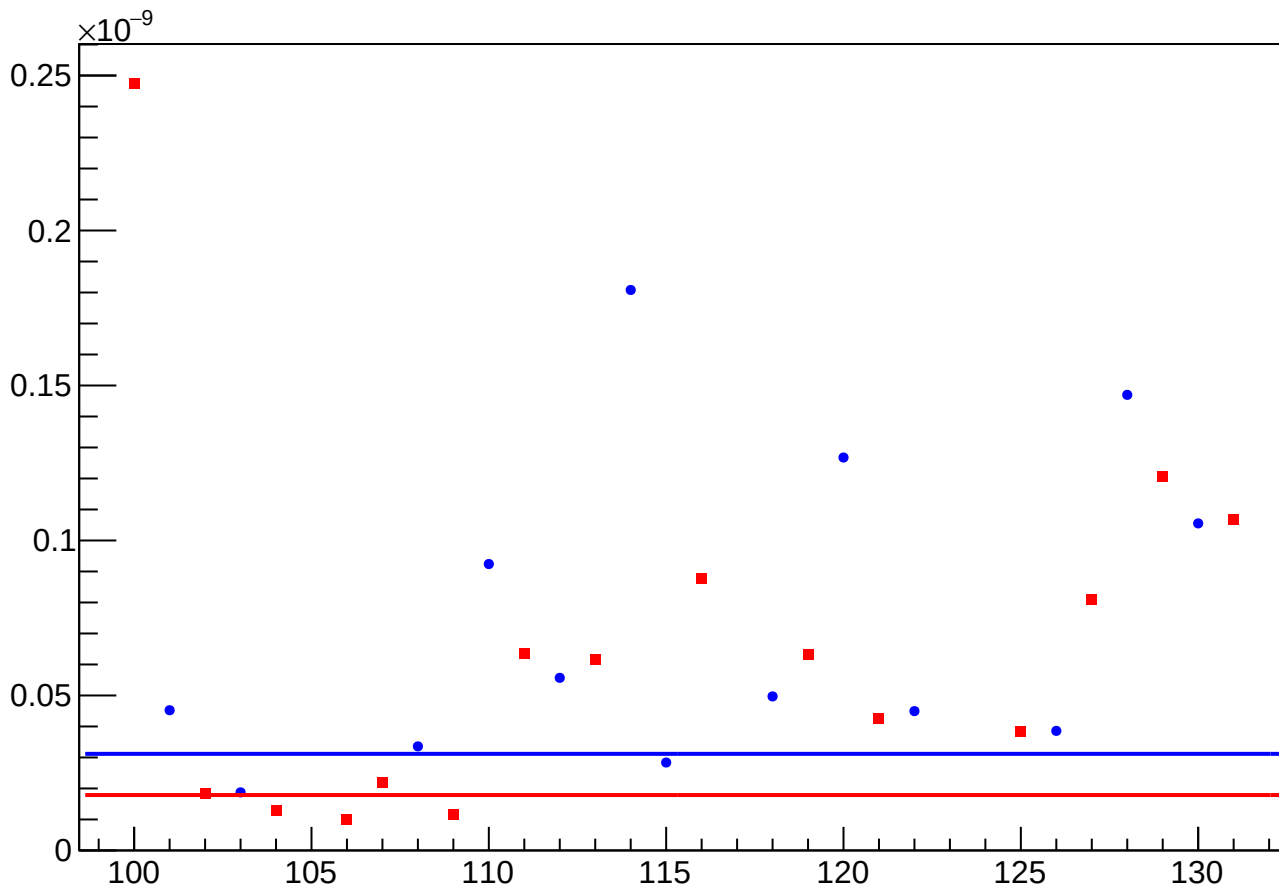
Right: 0.000+/-0.000 χ^2/NDF : 27.9/27

In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.9/27

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1453059.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2059231.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

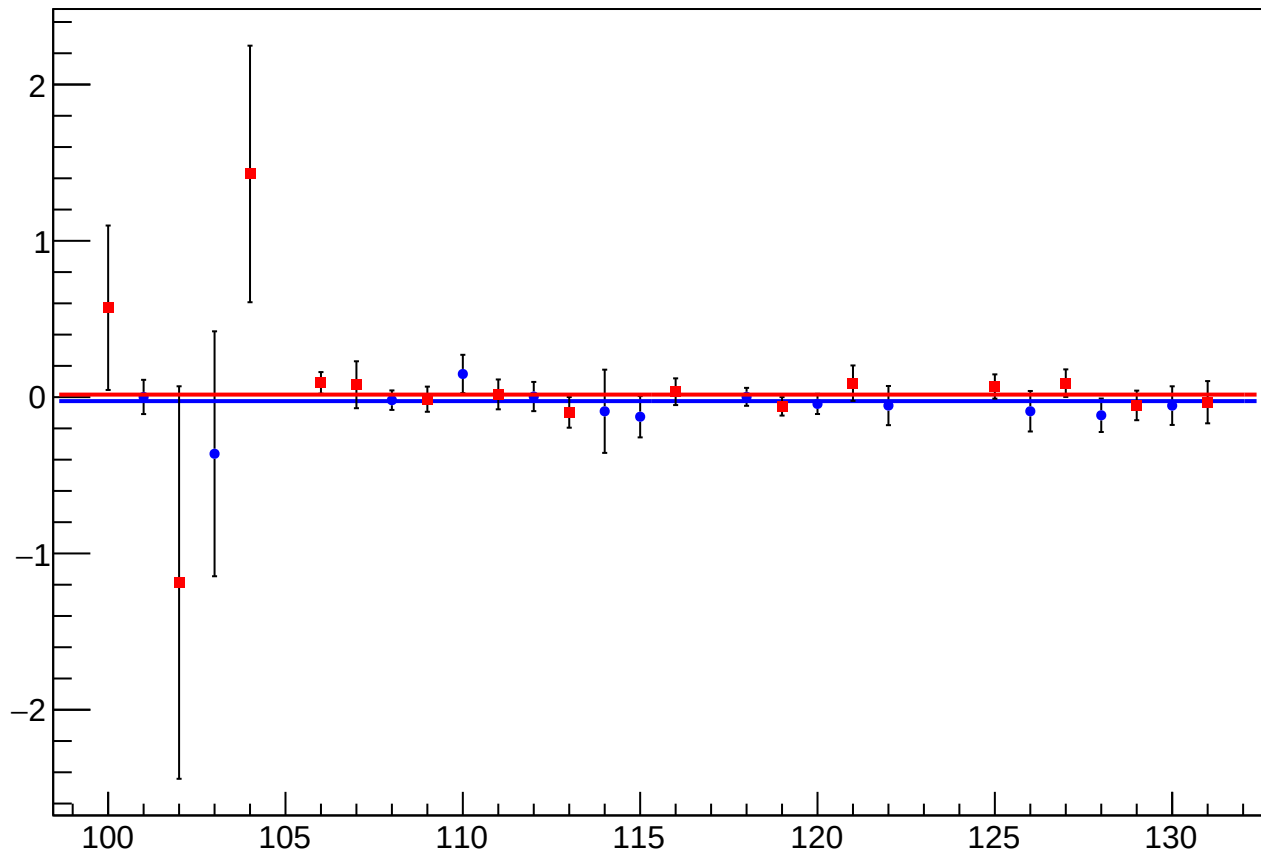
Right: 0.000+/-0.000 χ^2/NDF : 3965438.1/27

In: 0.000+/-0.000 χ^2/NDF : 1453059.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3965438.1/27

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

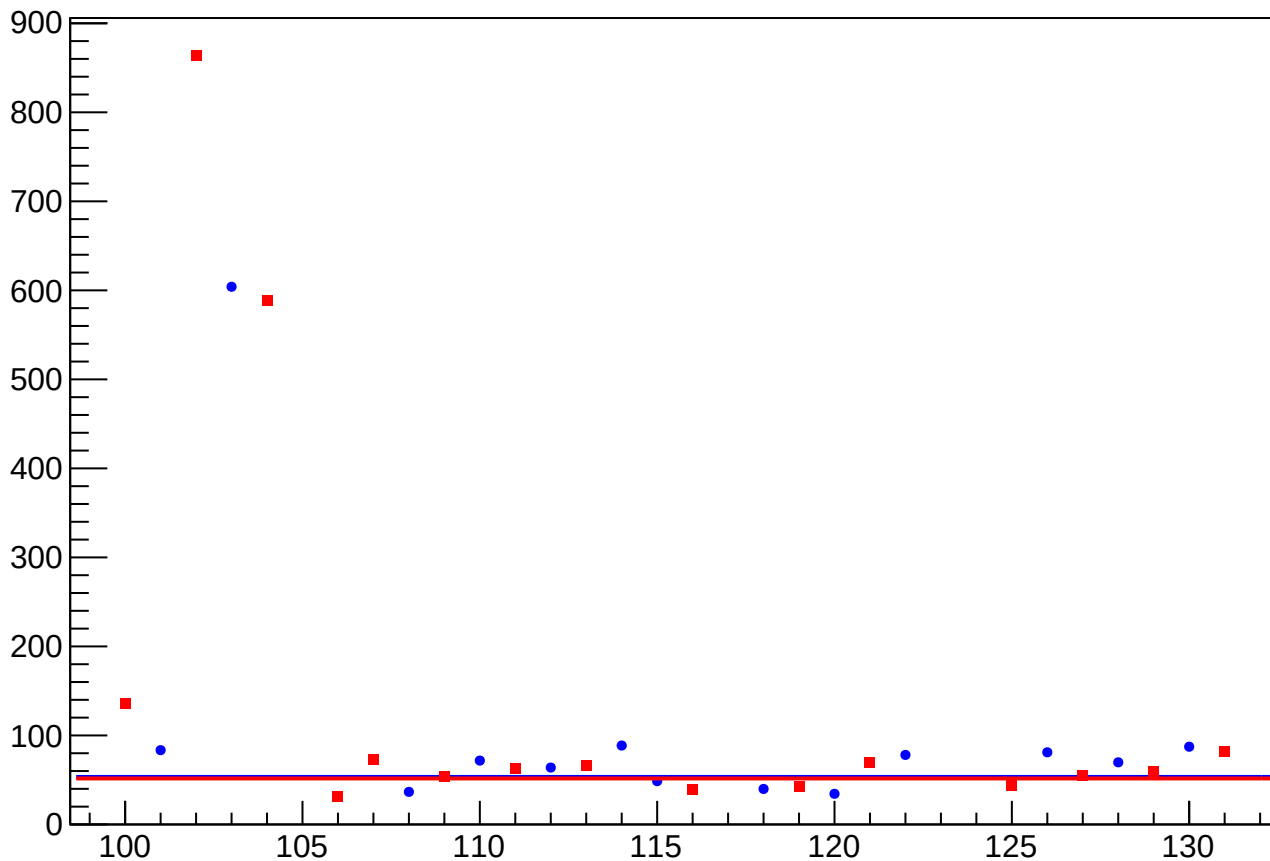
Right: -0.003 ± 0.018 χ^2/NDF : 17.4/27

In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.018 χ^2/NDF : 17.4/27

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.679+/-0.018 χ^2/NDF : 2308077.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

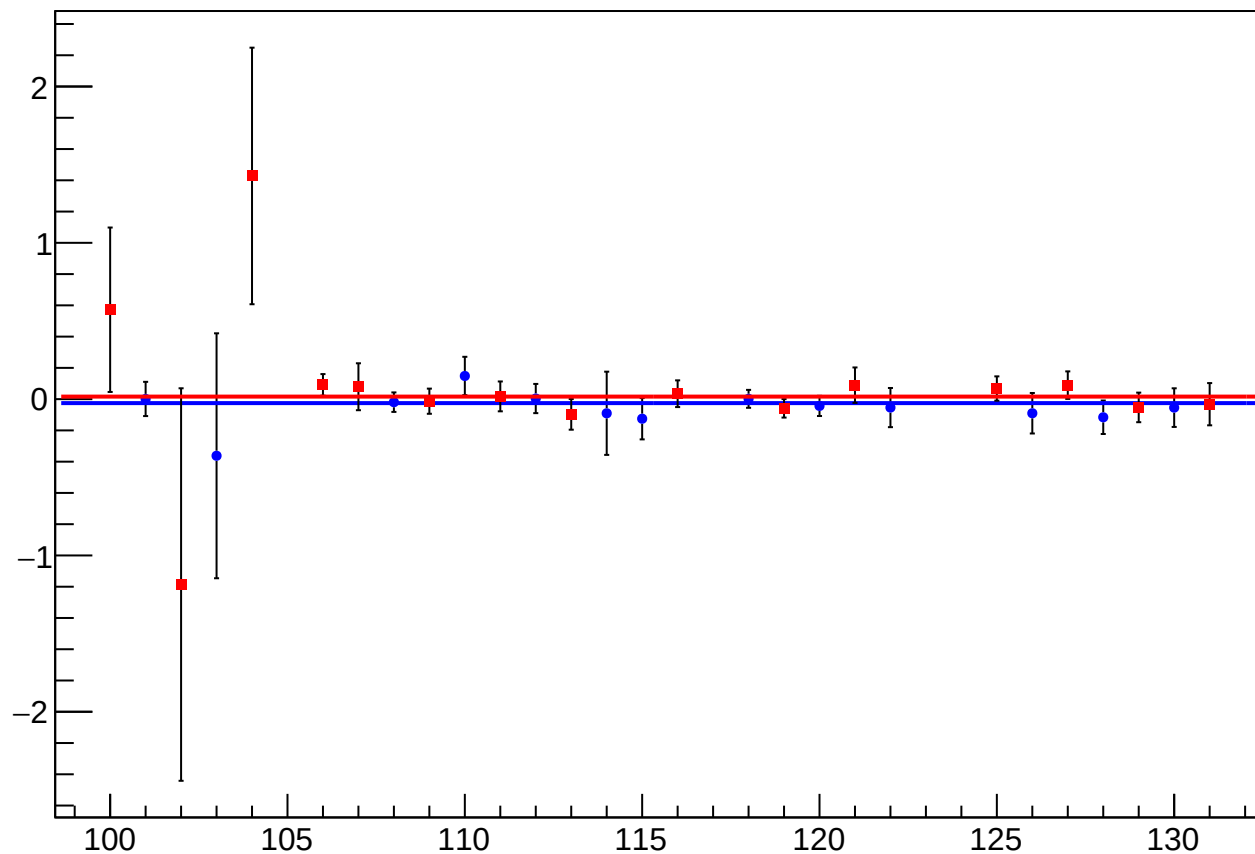
Right: 52.472+/-0.013 χ^2/NDF : 4353722.7/27

In: 53.362+/-0.019 χ^2/NDF :2041406.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.472+/-0.013 χ^2/NDF : 4353722.7/27

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

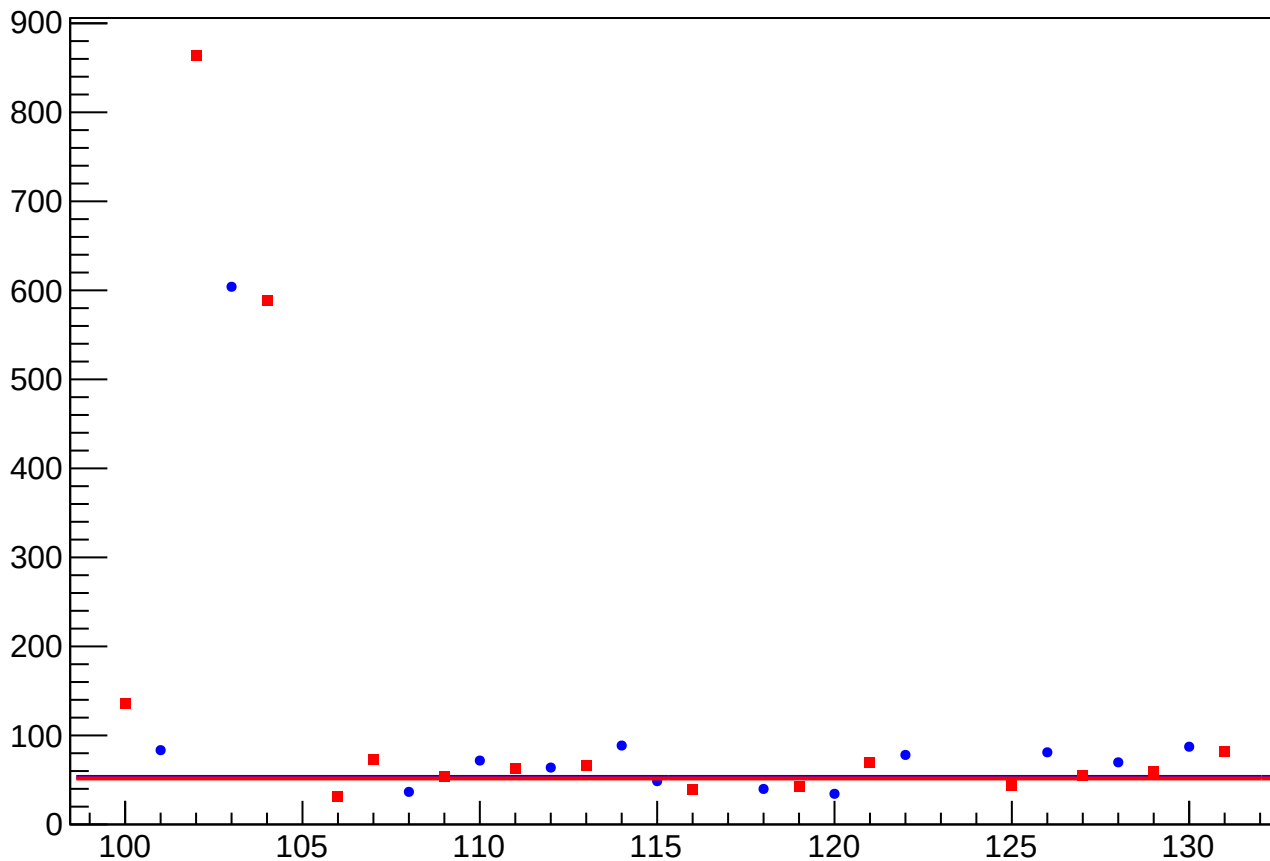
Right: -0.003 ± 0.018 χ^2/NDF : 17.4/27

In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.018 χ^2/NDF : 17.4/27

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.679+/-0.018 χ^2/NDF : 2308077.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

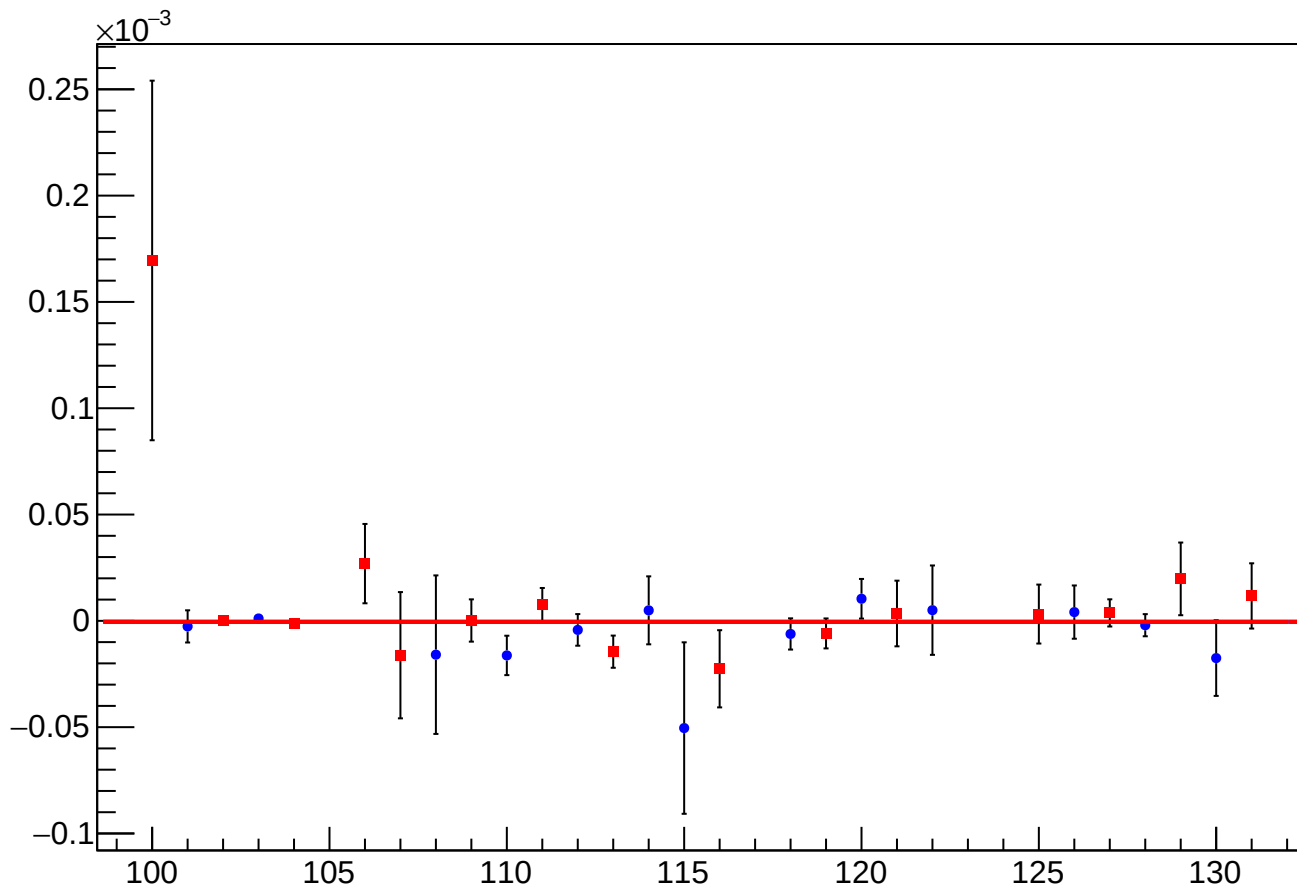
Right: 52.472+/-0.013 χ^2/NDF : 4353722.7/27

In: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.472+/-0.013 χ^2/NDF : 4353722.7/27

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 : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

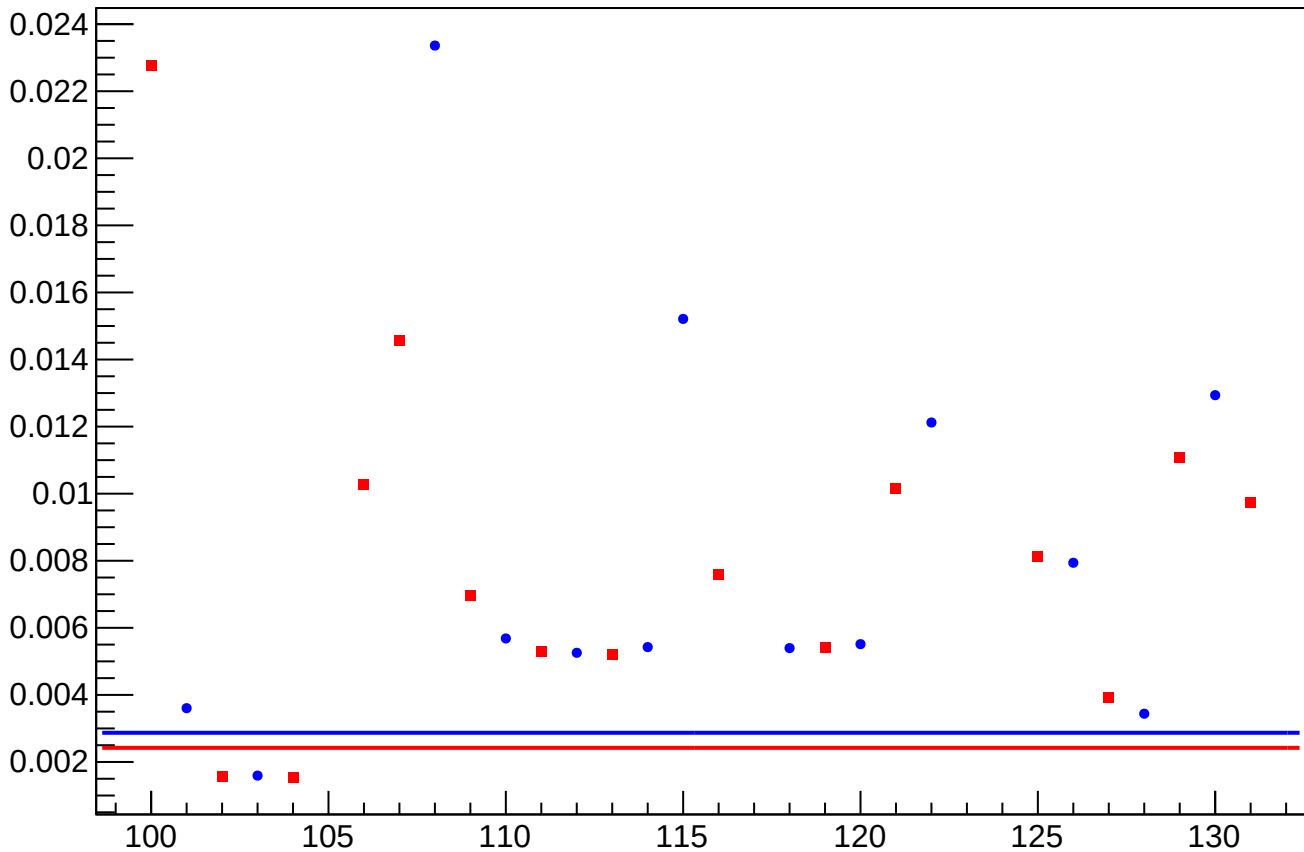
Right: -0.000+/-0.000 χ^2/NDF : 24.6/27

In: -0.000+/-0.000 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/27

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 : 3804735.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4927922.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

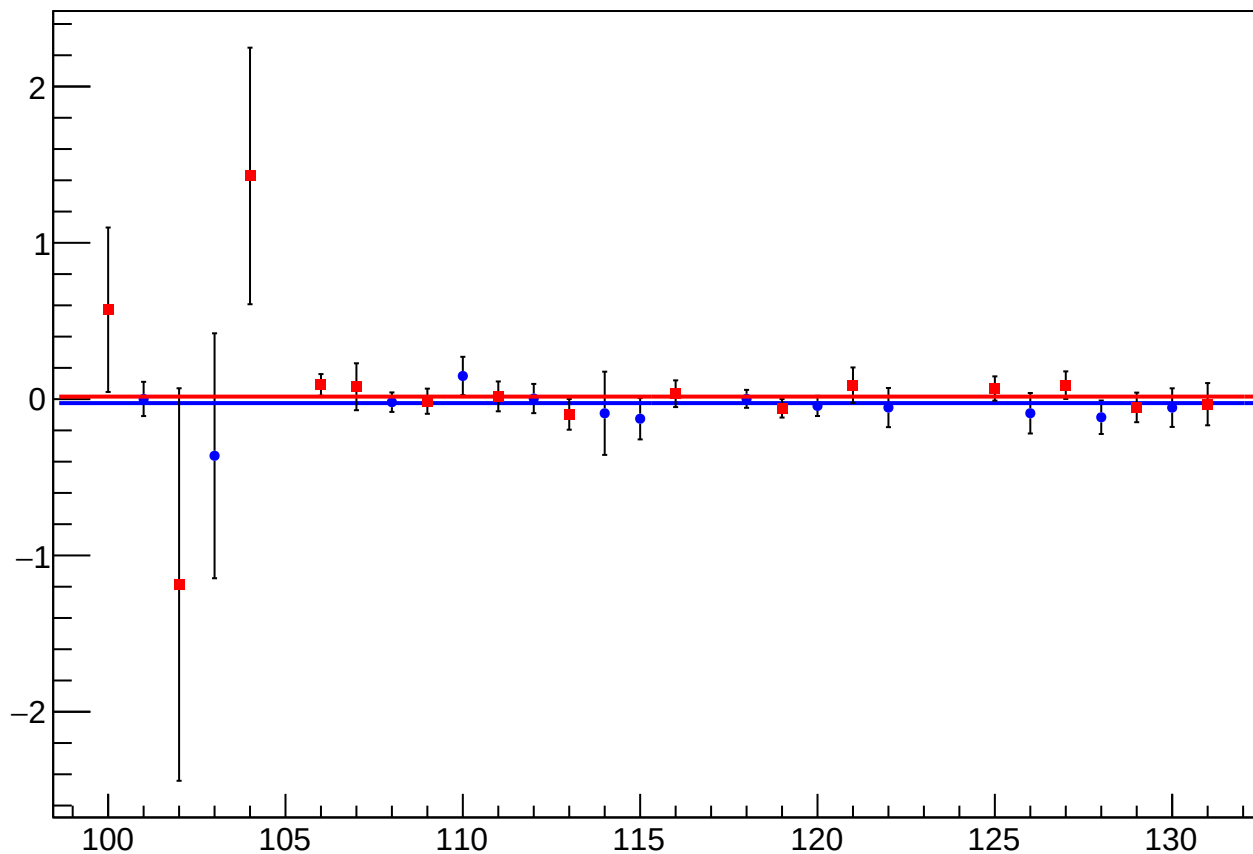
Right: 0.003+/-0.000 χ^2/NDF : 8824536.3/27

In: 0.003+/-0.000 χ^2/NDF :3804735.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8824536.3/27

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

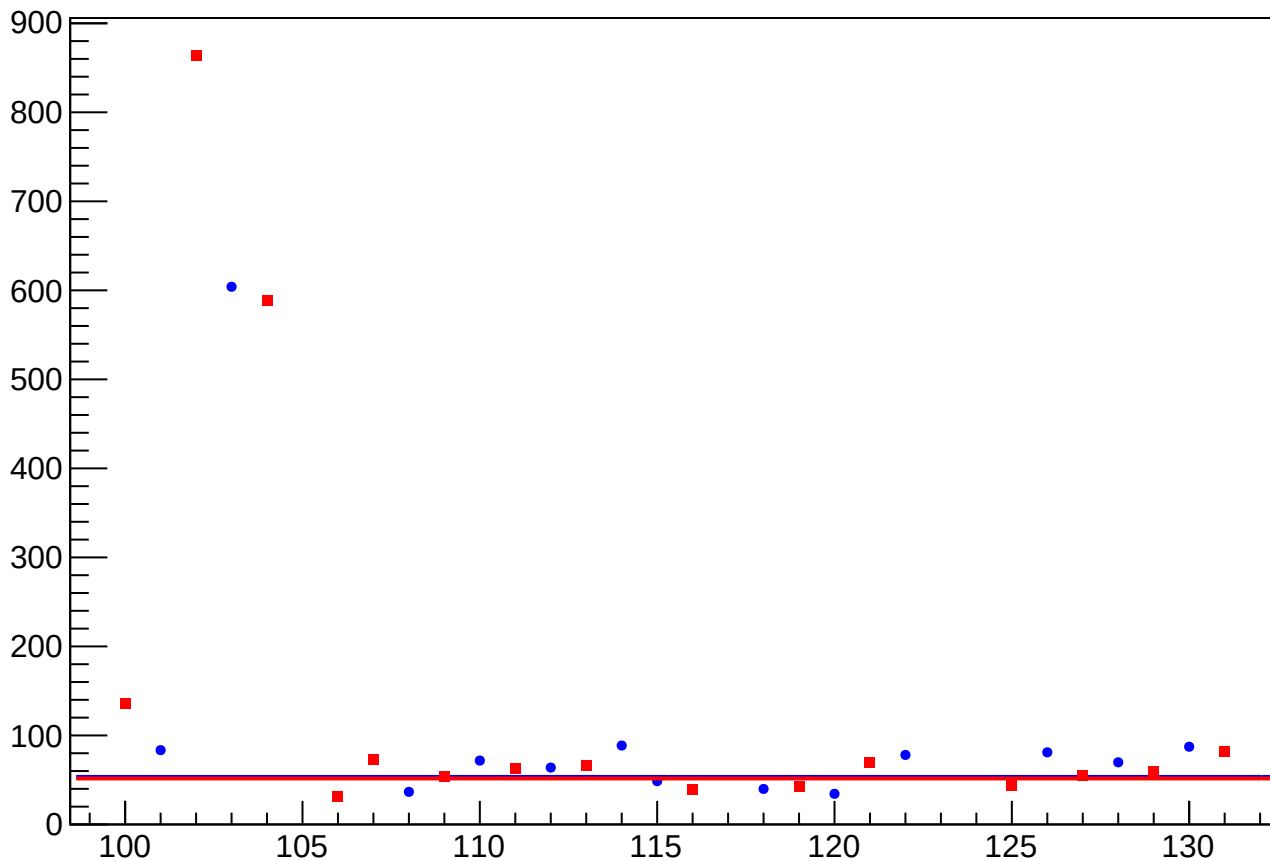
Right: -0.003 ± 0.018 χ^2/NDF : 17.4/27

In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.018 χ^2/NDF : 17.4/27

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.681+/-0.018 χ^2/NDF : 2307849.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

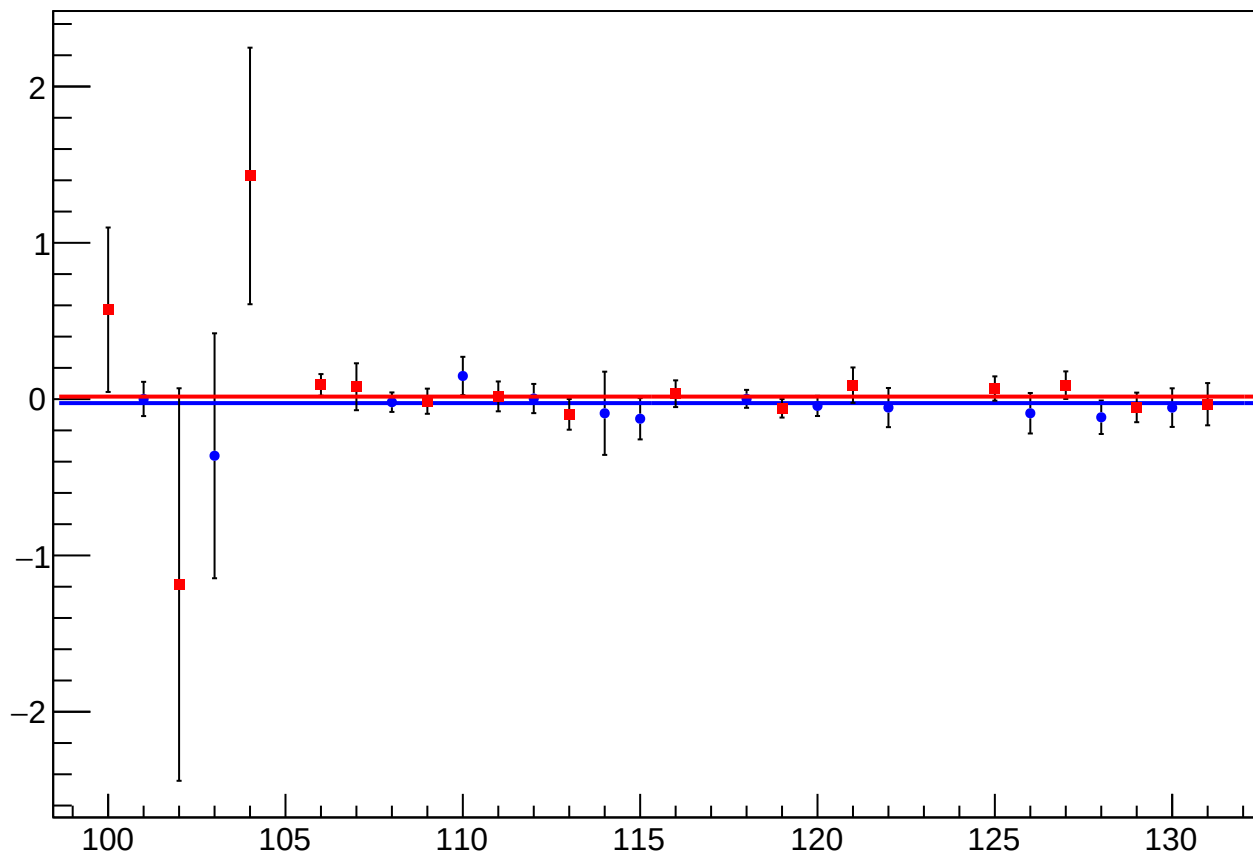
Right: 52.475+/-0.013 χ^2/NDF : 4353124.5/27

In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-0.013 χ^2/NDF : 4353124.5/27

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

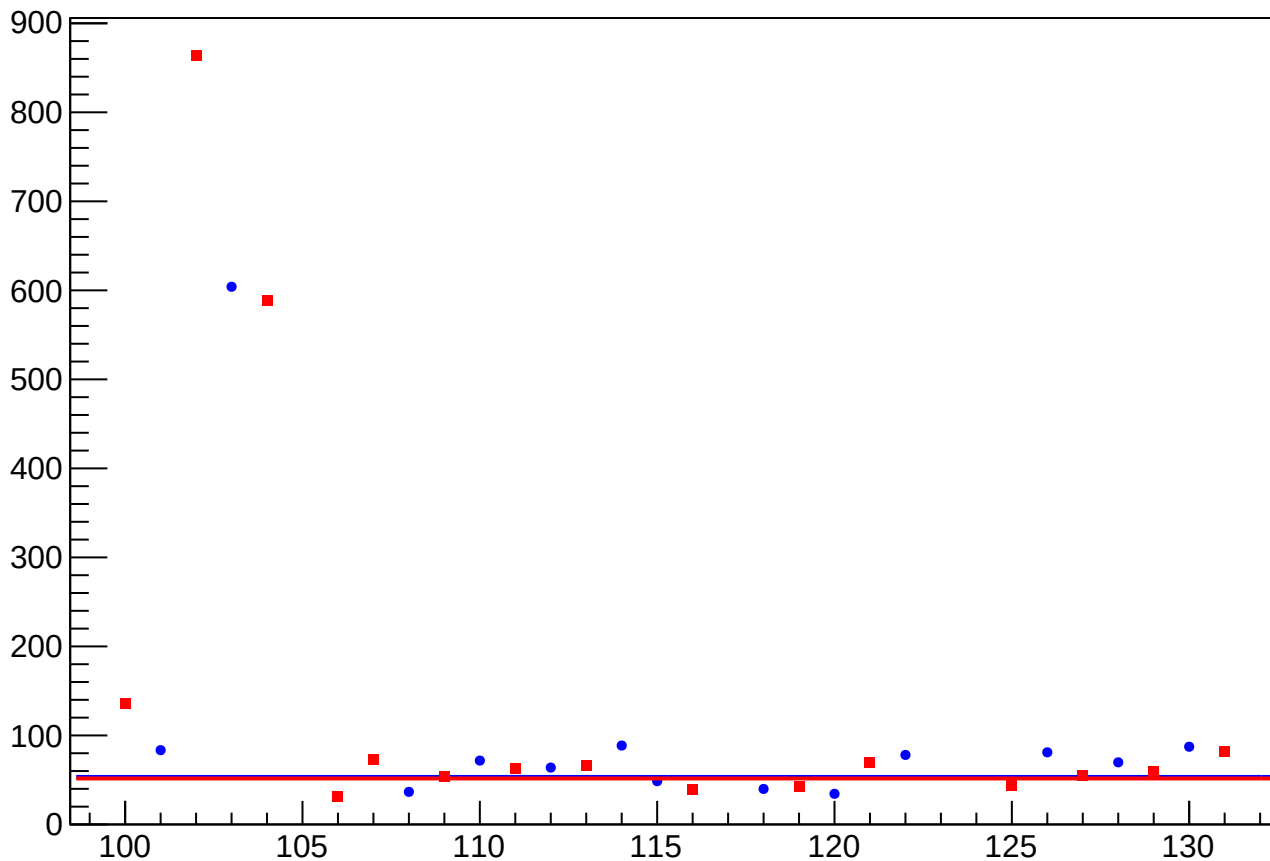
Right: -0.003 ± 0.018 χ^2/NDF : 17.4/27

In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.018 χ^2/NDF : 17.4/27

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.681+/-0.018 χ^2/NDF : 2307849.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

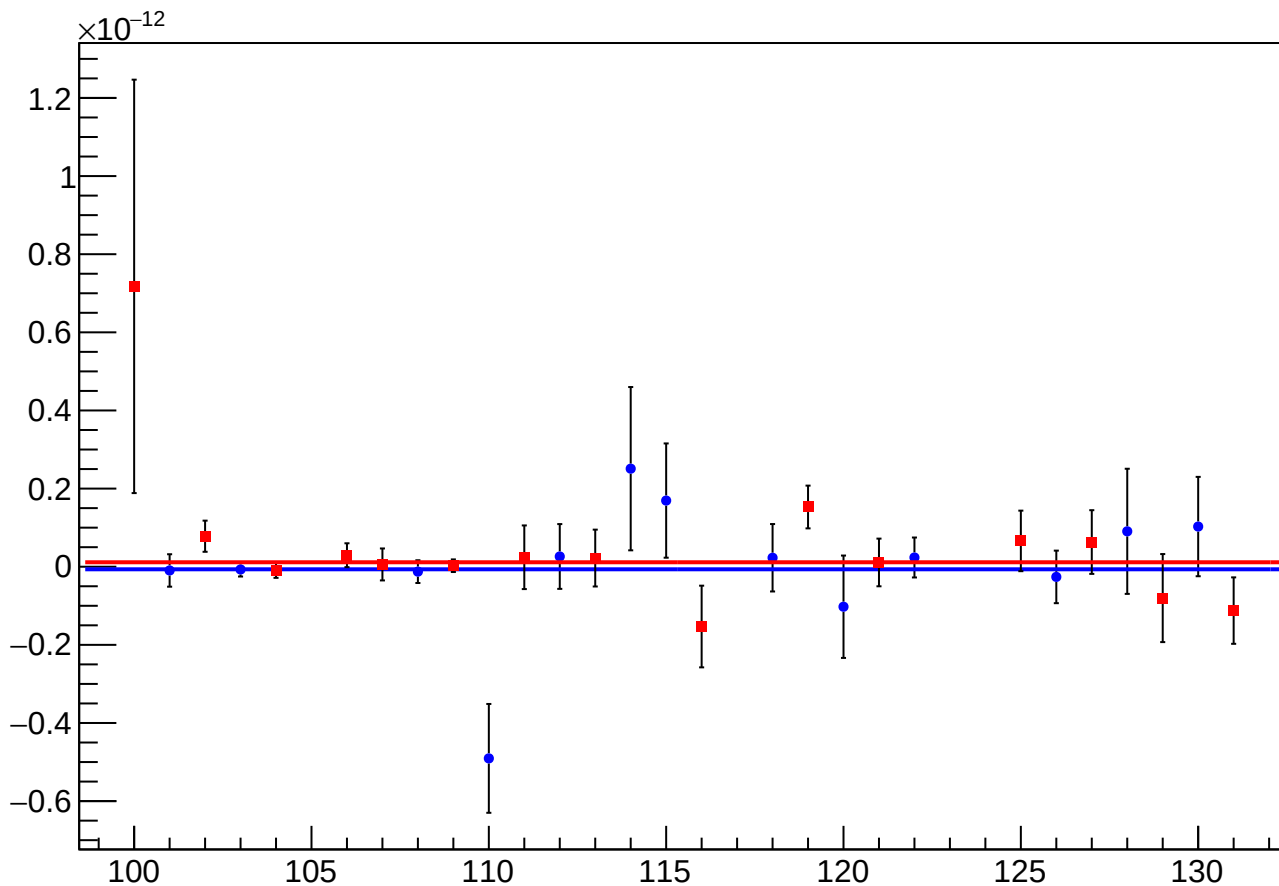
Right: 52.475+/-0.013 χ^2/NDF : 4353124.5/27

In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-0.013 χ^2/NDF : 4353124.5/27

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 : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

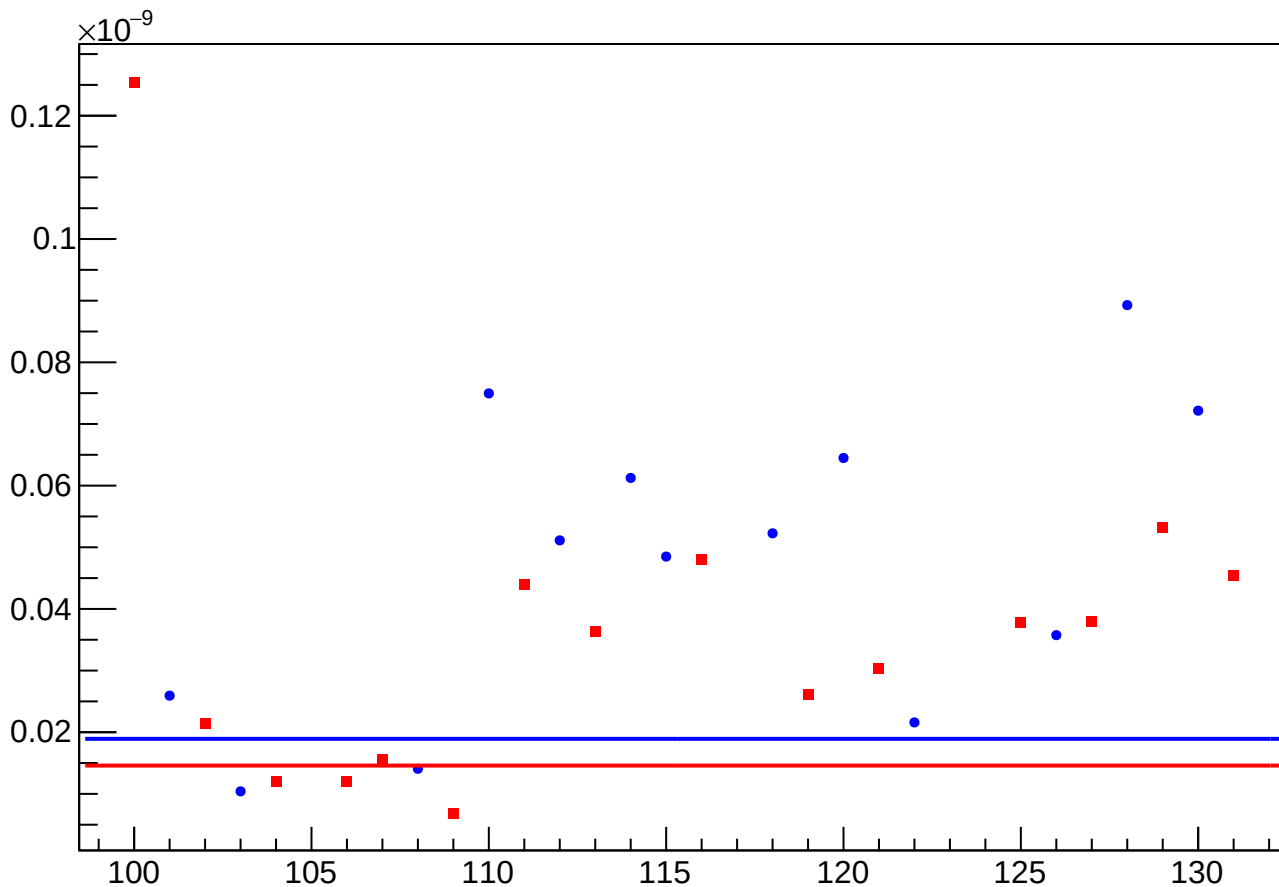
Right: 0.000+/-0.000 χ^2/NDF : 37.9/27

In: -0.000+/-0.000 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.9/27

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 : 2753892.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2373959.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

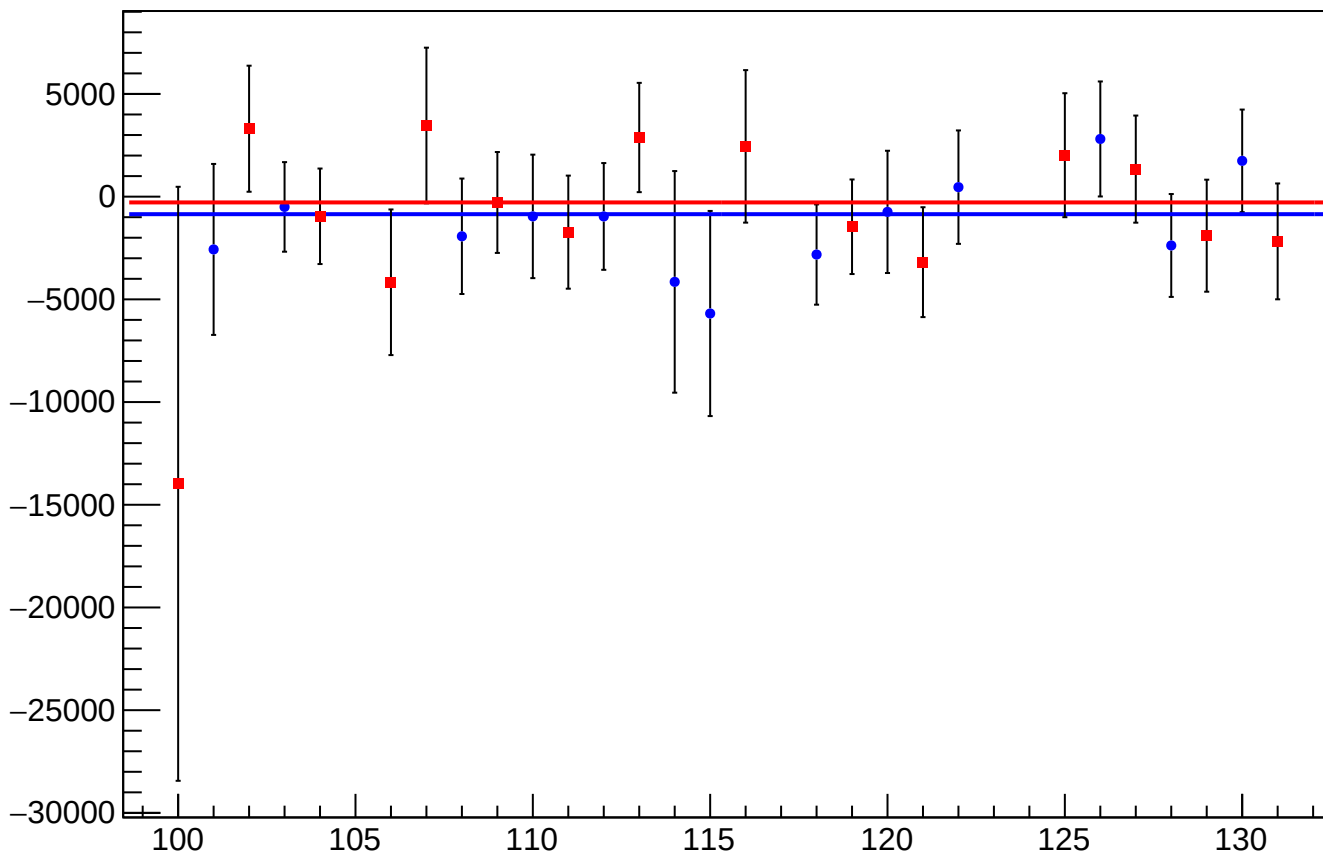
Right: 0.000+/-0.000 χ^2/NDF : 5270742.8/27

In: 0.000+/-0.000 χ^2/NDF : 2753892.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5270742.8/27

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -853.471 ± 793.724 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -281.310 ± 744.829 χ^2/NDF : 10.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

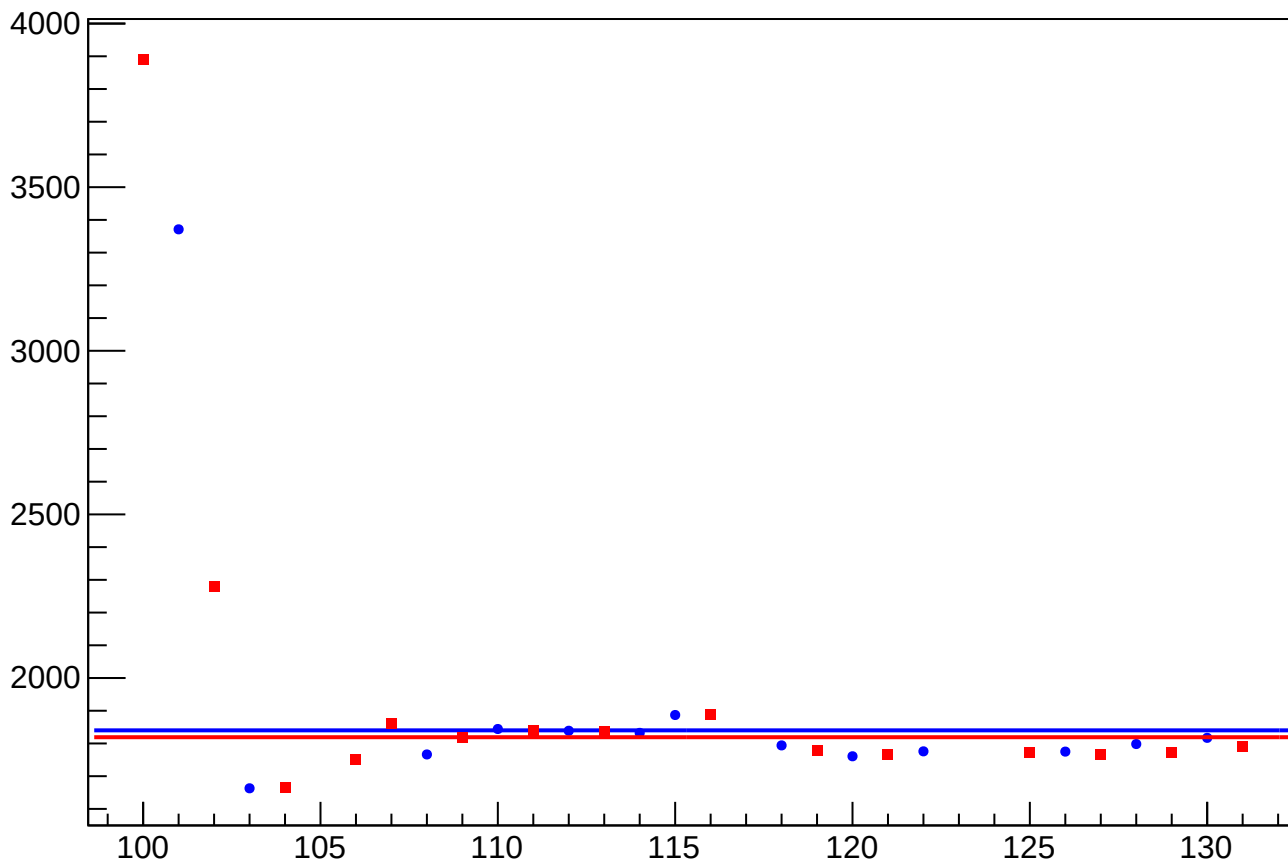
Right: -549.226 ± 543.137 χ^2/NDF : 15.9/27

In: -853.471 ± 793.724 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -549.226 ± 543.137 χ^2/NDF : 15.9/27

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1840.071+/-0.561 χ^2/NDF : 290437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1819.091+/-0.527 χ^2/NDF : 100270.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

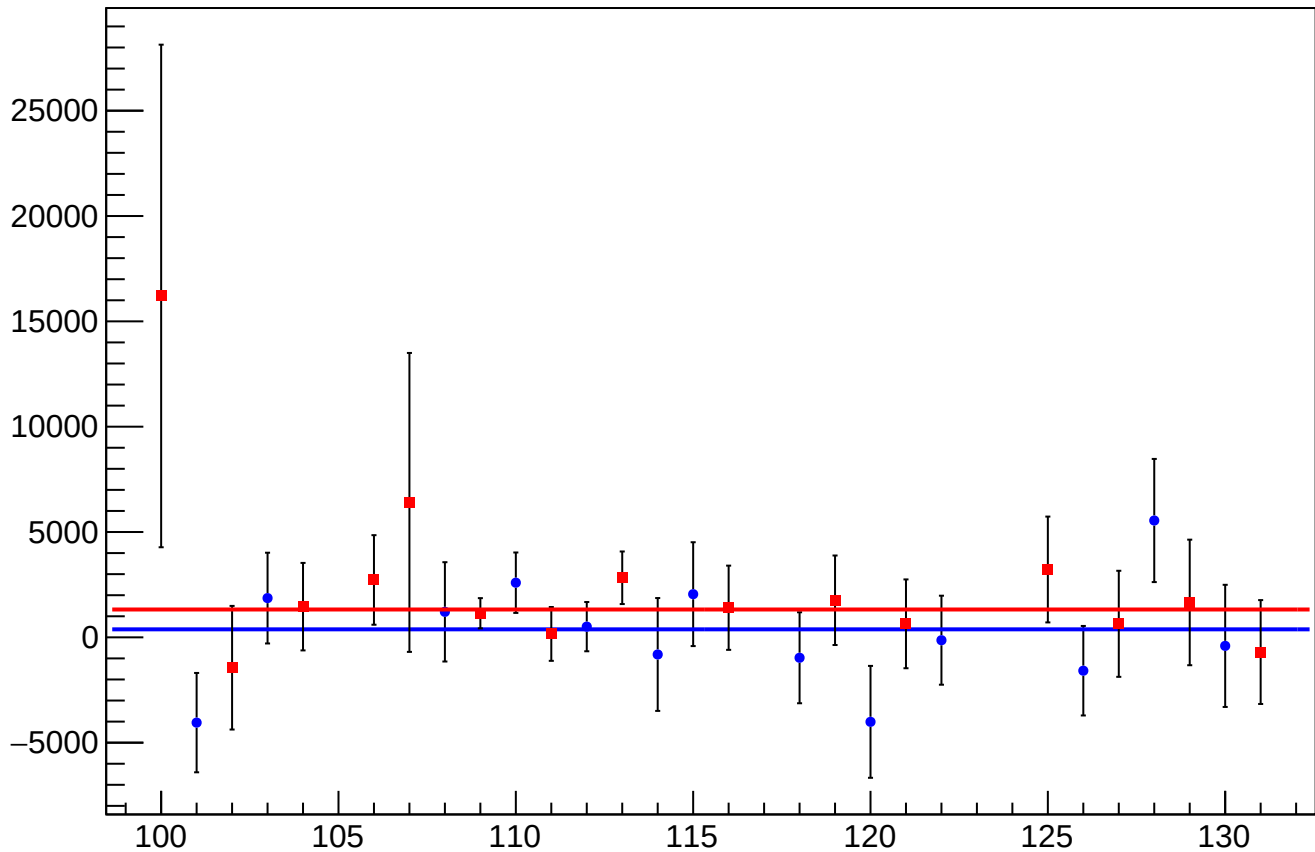
Right: 1828.915+/-0.384 χ^2/NDF : 391451.6/27

In: 1840.071+/-0.561 χ^2/NDF : 290437.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.915+/-0.384 χ^2/NDF : 391451.6/27

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 379.895+/-564.810 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.962+/-443.574 χ^2/NDF : 7.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

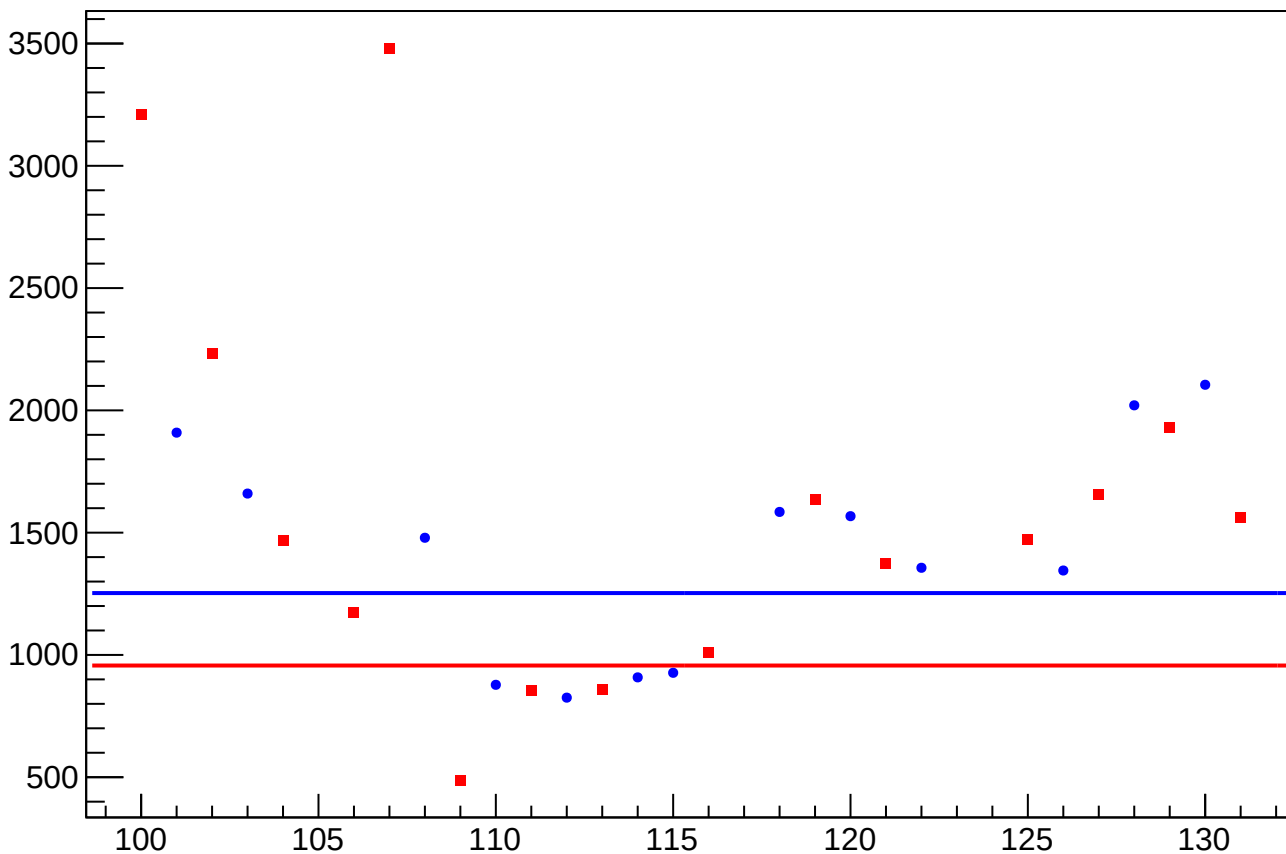
Right: 962.578+/-348.852 χ^2/NDF : 23.3/27

In: 379.895+/-564.810 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.578+/-348.852 χ^2/NDF : 23.3/27

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1252.951+/-0.399 χ^2/NDF : 1111327.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.664+/-0.314 χ^2/NDF : 2588231.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

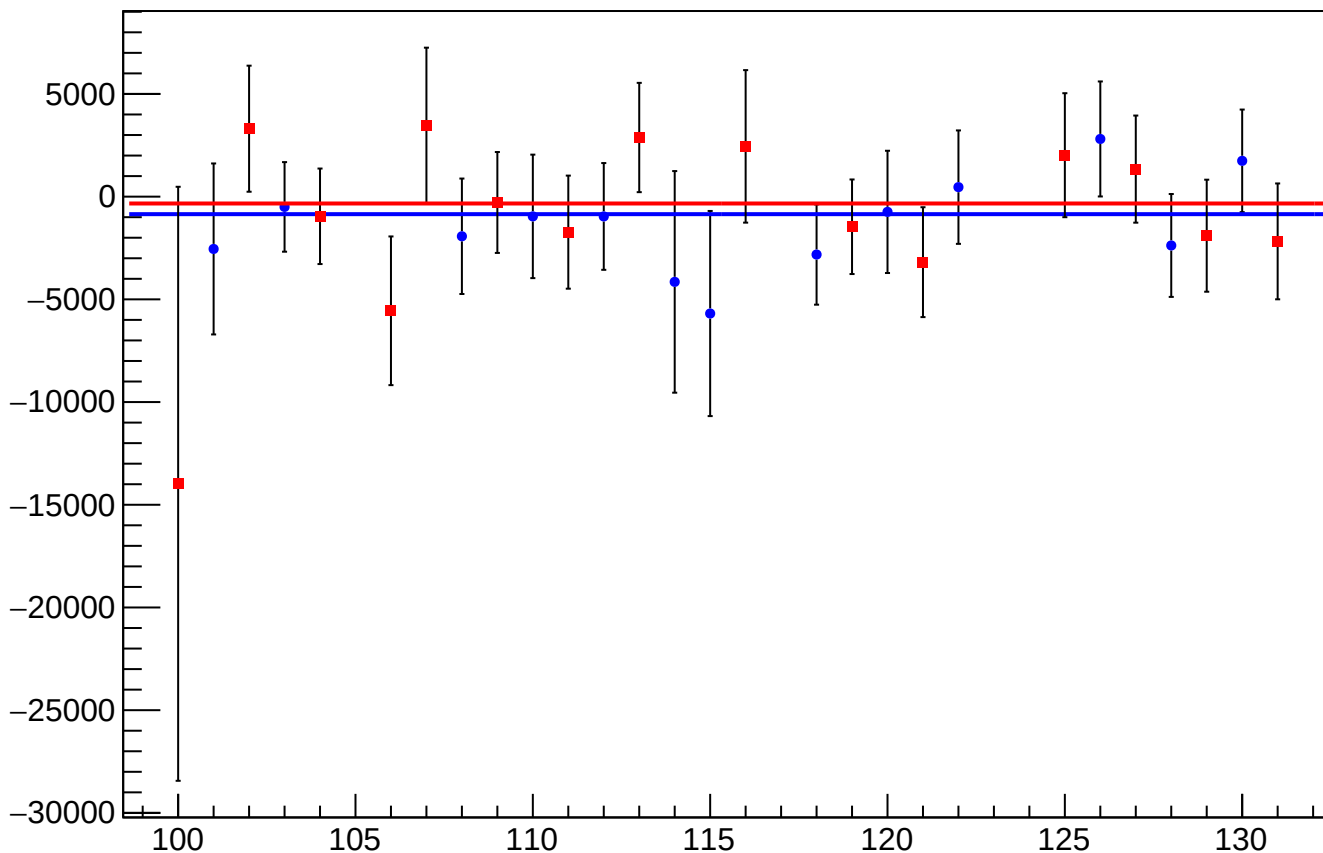
Right: 1069.693+/-0.247 χ^2/NDF : 4039968.1/27

In: 1252.951+/-0.399 χ^2/NDF : 1111327.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.693+/-0.247 χ^2/NDF : 4039968.1/27

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.579+/-793.724 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -333.309+/-745.501 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

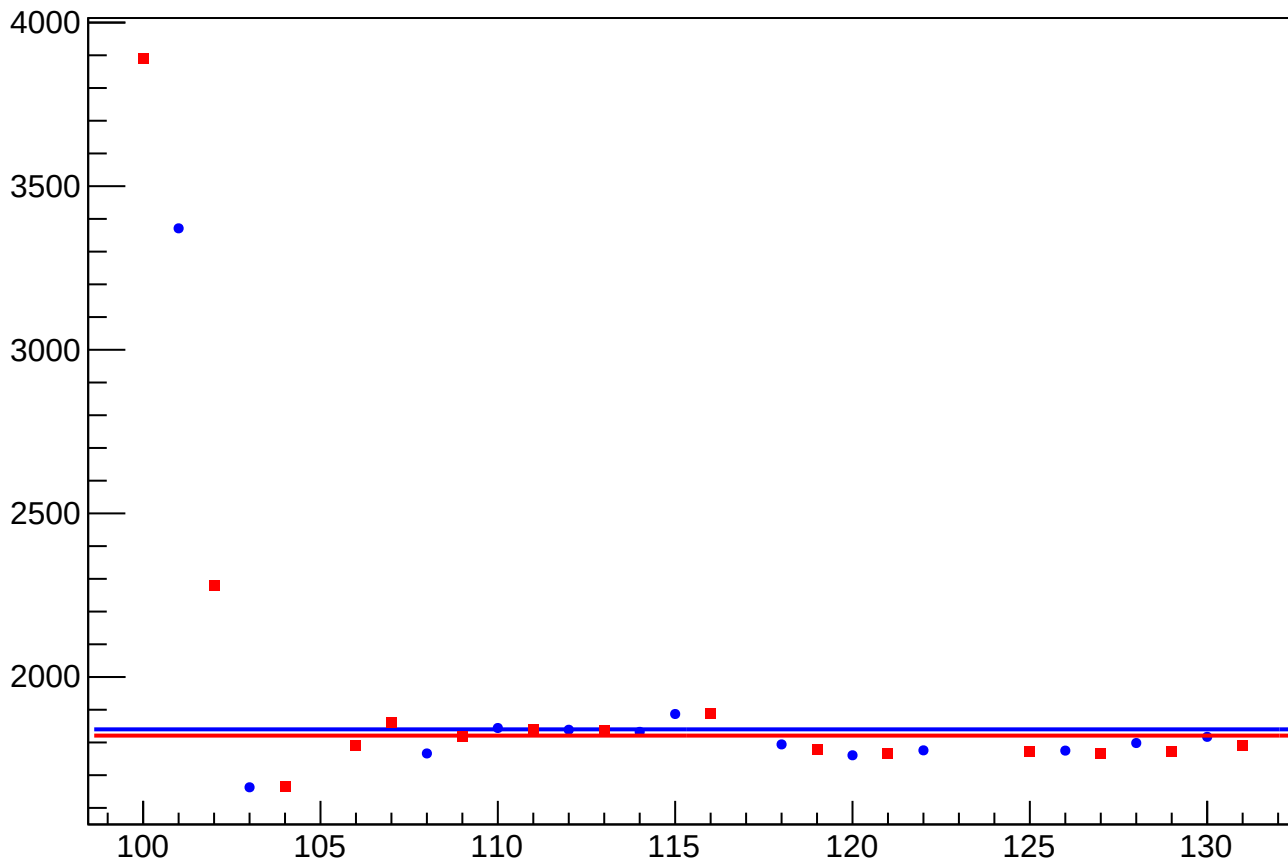
Right: -576.691+/-543.398 χ^2/NDF : 16.8/27

In: -852.579+/-793.724 χ^2/NDF : 5.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -576.691+/-543.398 χ^2/NDF : 16.8/27

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1820.949+/-0.527 χ^2/NDF : 99628.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

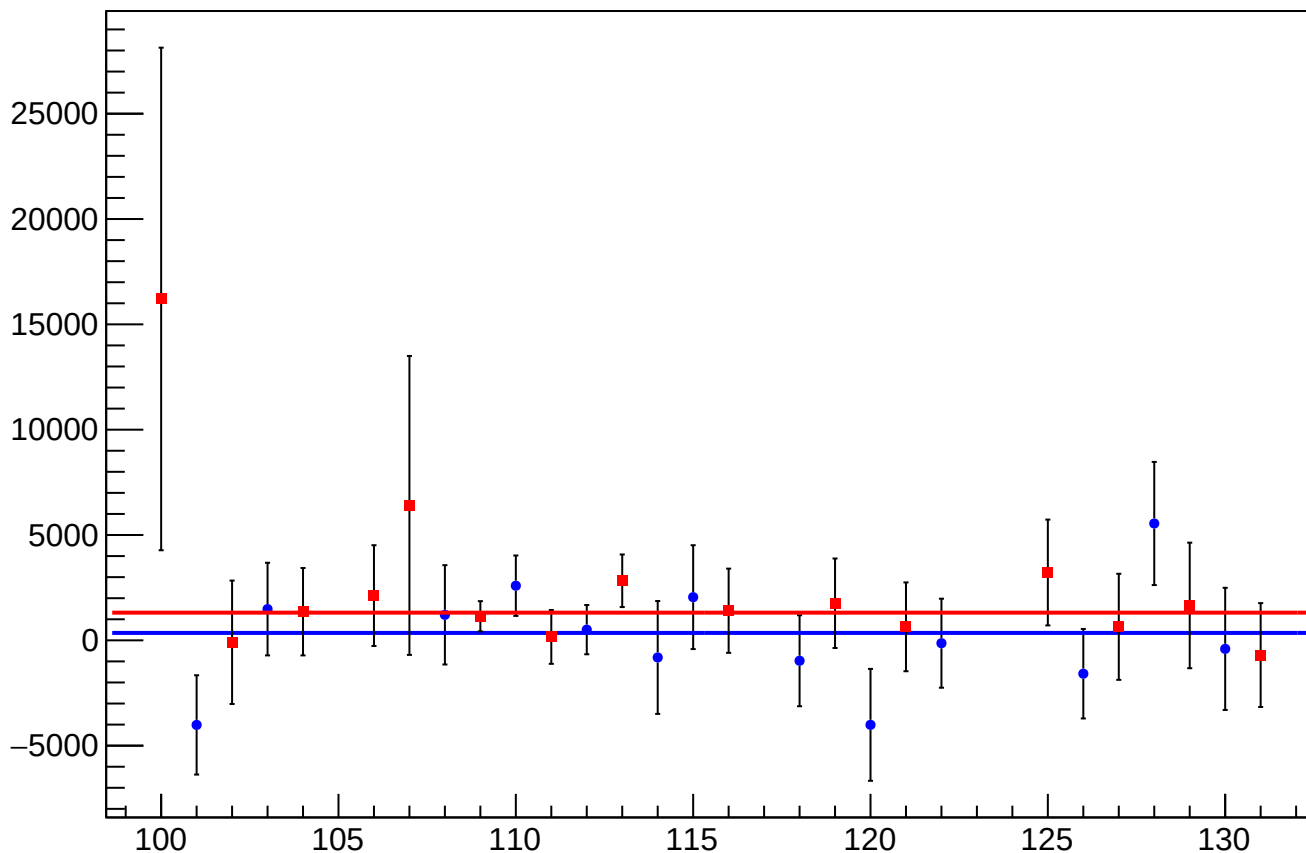
Right: 1829.911+/-0.384 χ^2/NDF : 390684.6/27

In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.911+/-0.384 χ^2/NDF : 390684.6/27

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.221+/-445.571 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

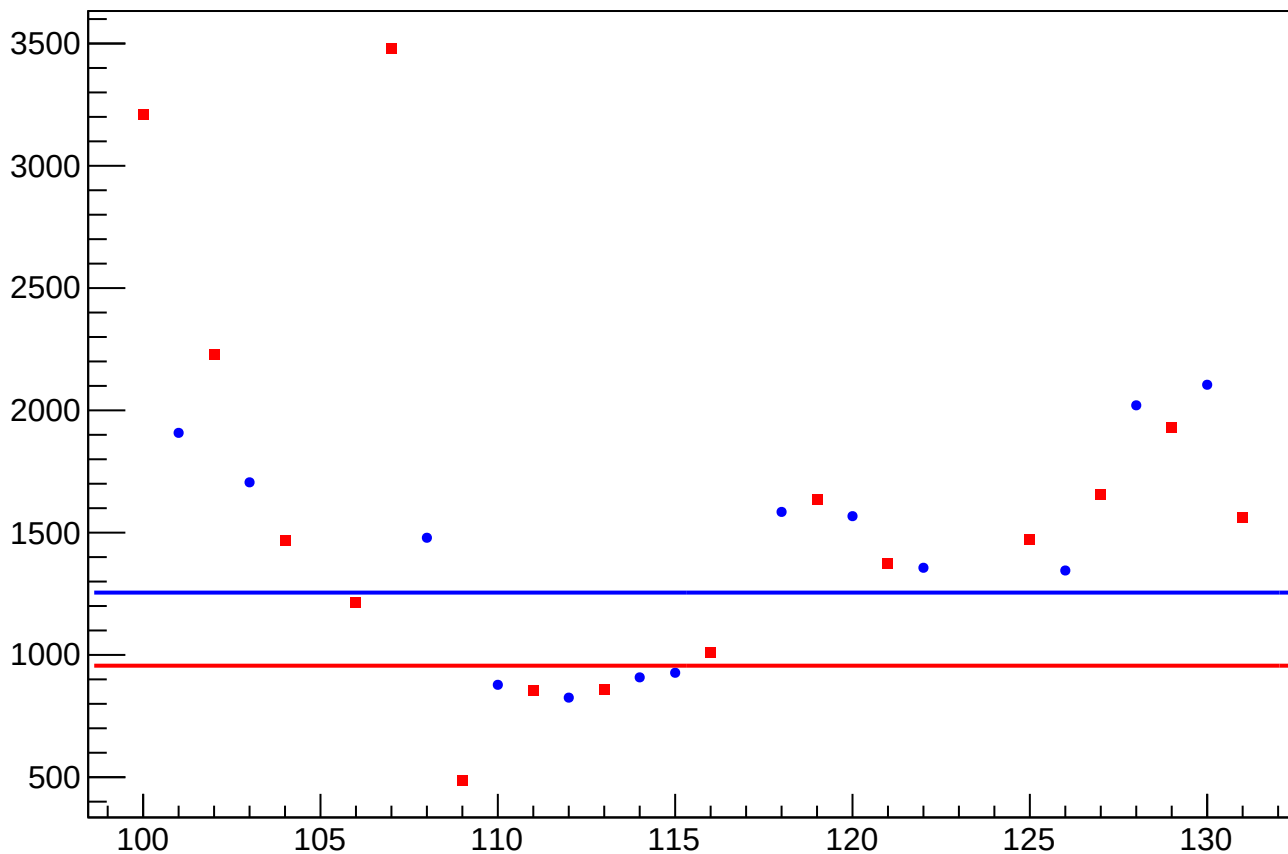
Right: 945.850+/-350.003 χ^2/NDF : 22.2/27

In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.850+/-350.003 χ^2/NDF : 22.2/27

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.979+/-0.315 χ^2/NDF : 2588978.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

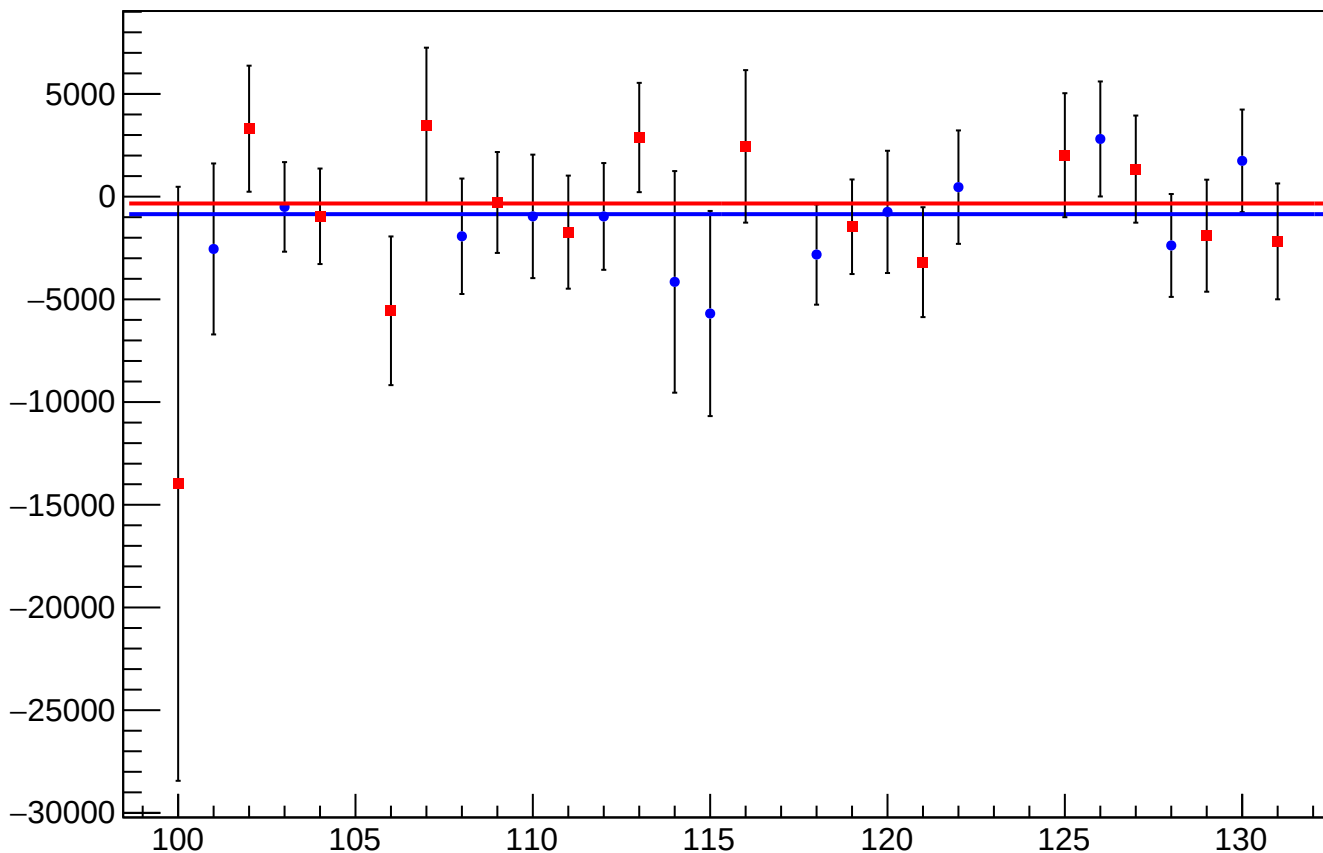
Right: 1070.436+/-0.247 χ^2/NDF : 4058069.9/27

In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.436+/-0.247 χ^2/NDF : 4058069.9/27

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.579 ± 793.724 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -333.309 ± 745.501 χ^2/NDF : 10.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

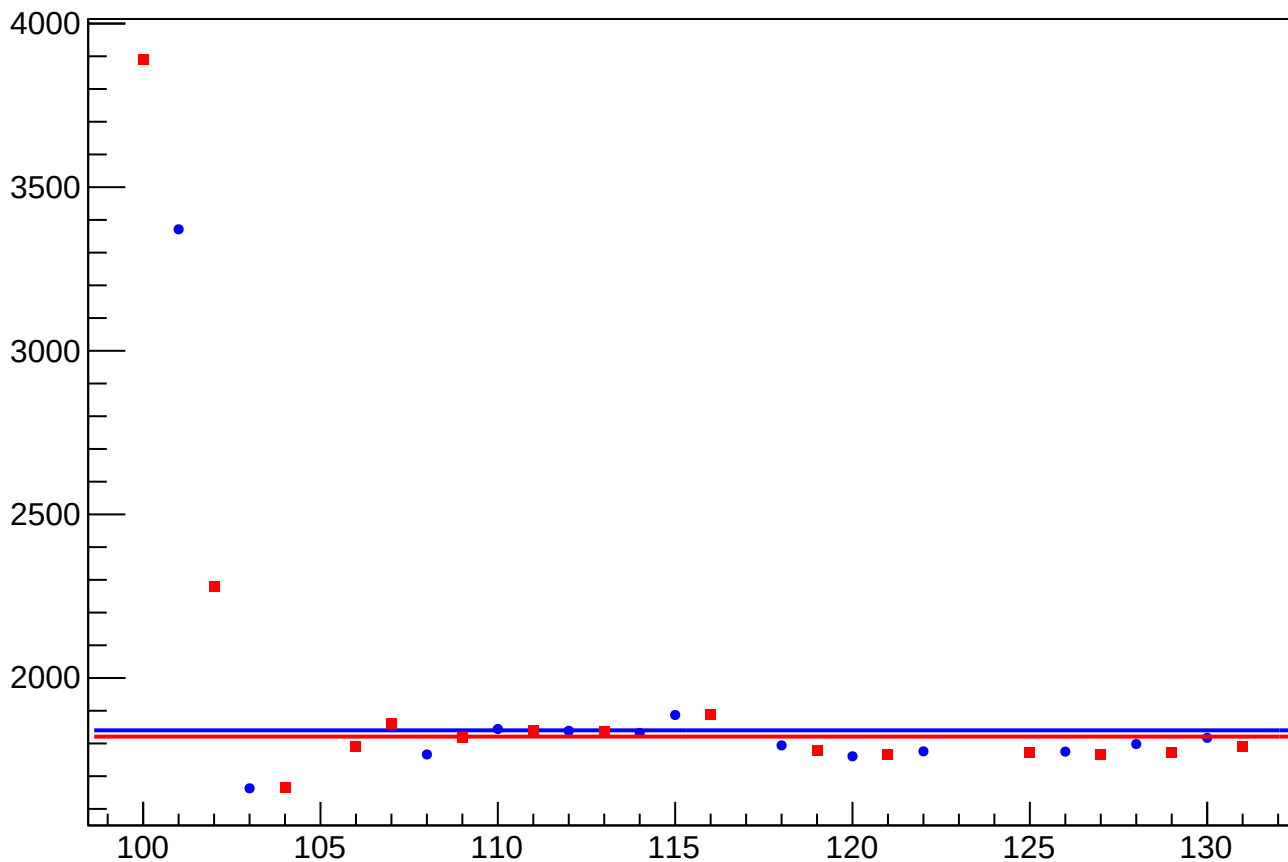
Right: -576.691 ± 543.398 χ^2/NDF : 16.8/27

In: -852.579 ± 793.724 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -576.691 ± 543.398 χ^2/NDF : 16.8/27

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1820.949+/-0.527 χ^2/NDF : 99628.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

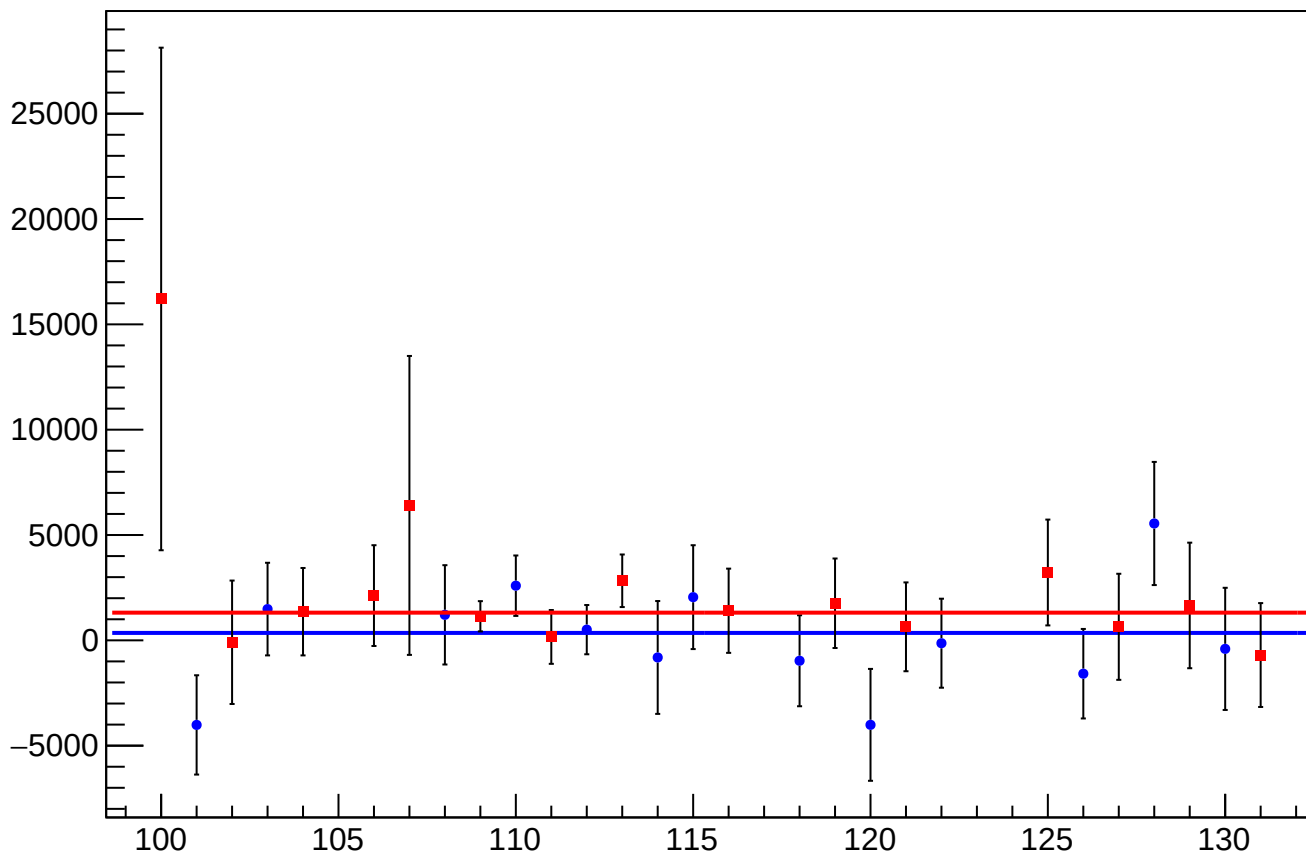
Right: 1829.911+/-0.384 χ^2/NDF : 390684.6/27

In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.911+/-0.384 χ^2/NDF : 390684.6/27

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.221+/-445.571 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

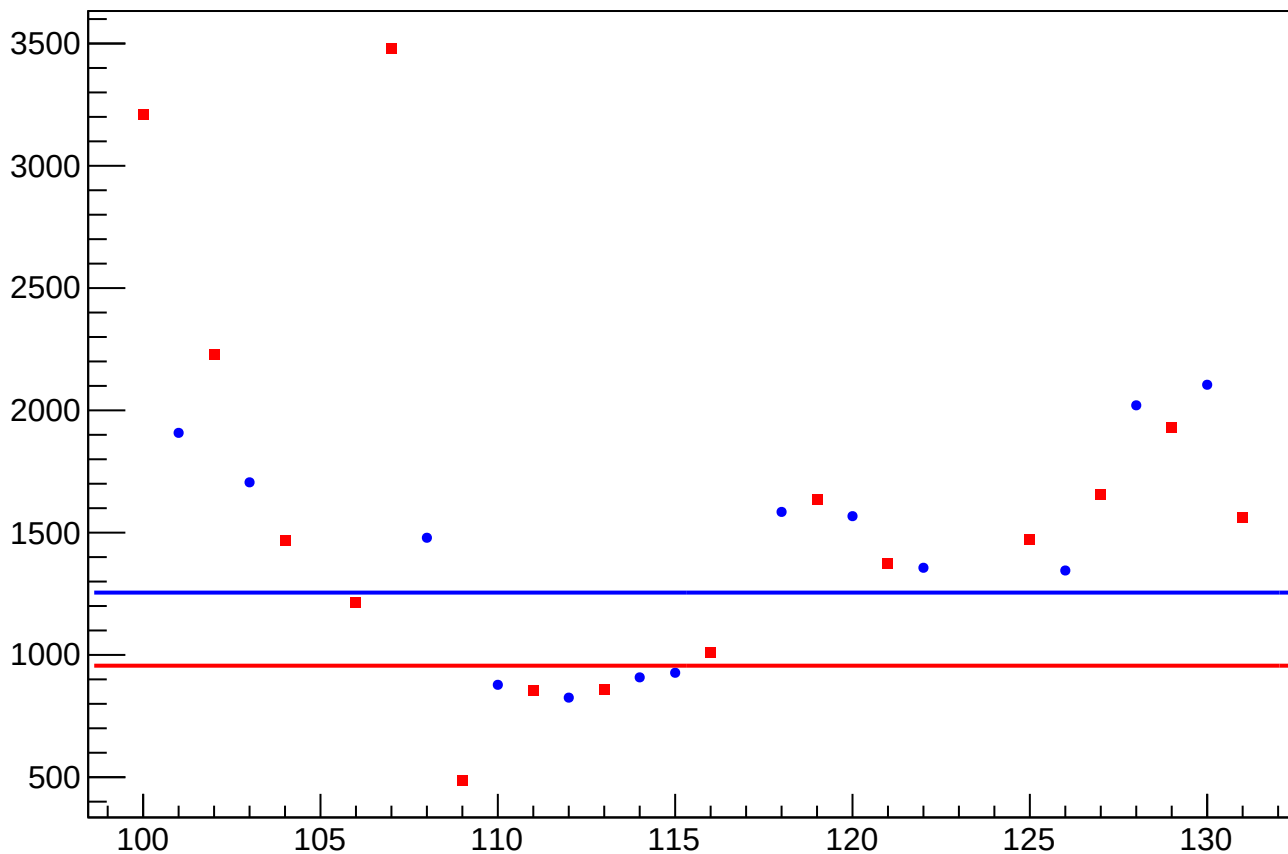
Right: 945.850+/-350.003 χ^2/NDF : 22.2/27

In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.850+/-350.003 χ^2/NDF : 22.2/27

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.979+/-0.315 χ^2/NDF : 2588978.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

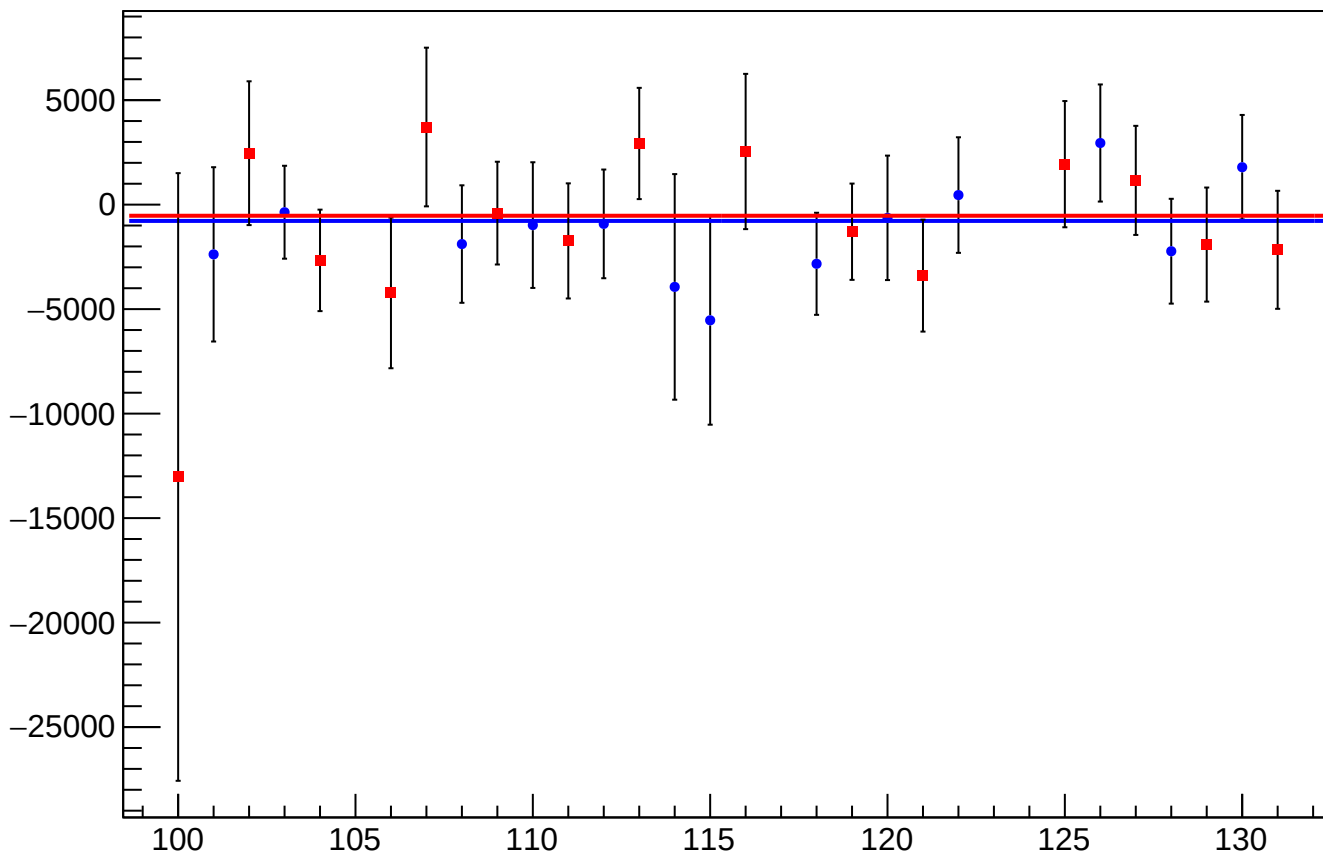
Right: 1070.436+/-0.247 χ^2/NDF : 4058069.9/27

In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.436+/-0.247 χ^2/NDF : 4058069.9/27

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -779.509 ± 796.389 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -531.885 ± 753.762 χ^2/NDF : 10.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

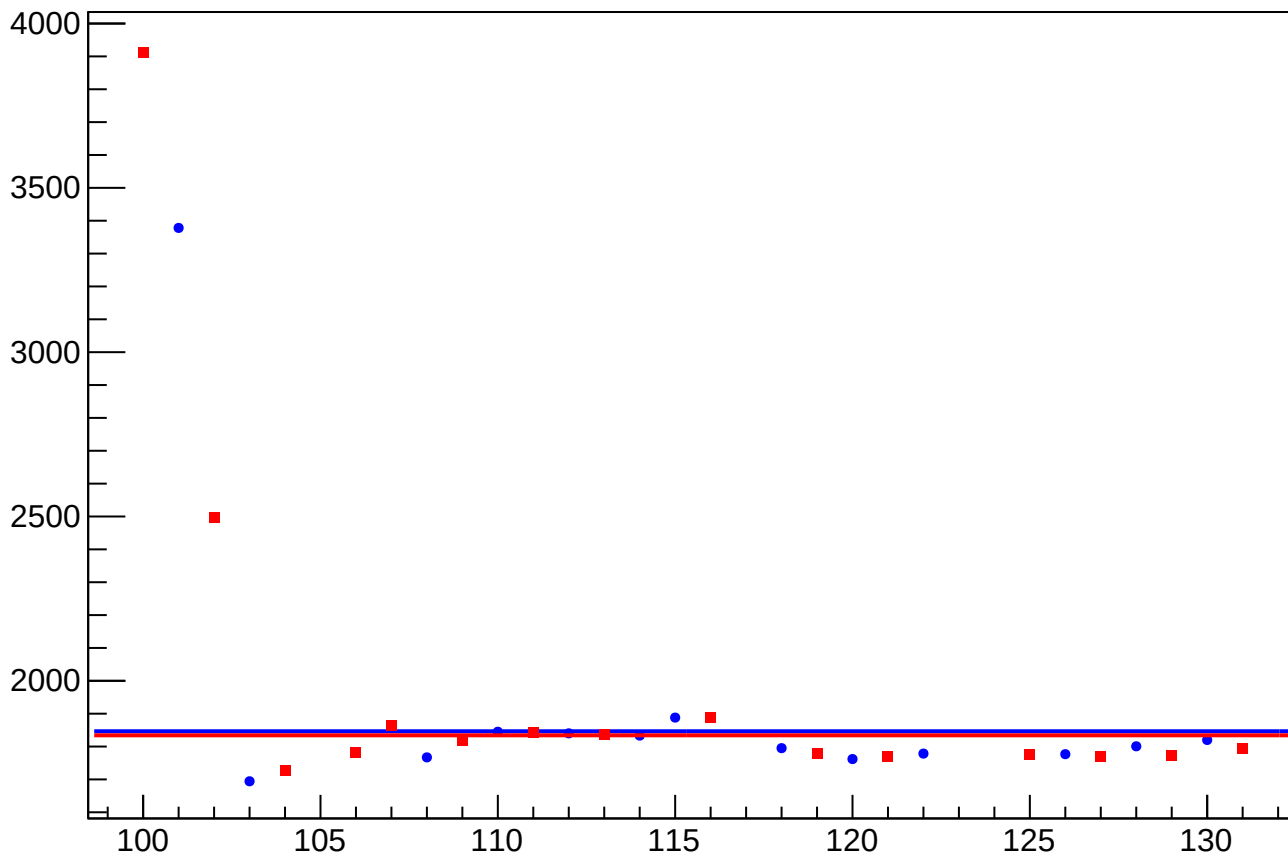
Right: -648.893 ± 547.440 χ^2/NDF : 15.8/27

In: -779.509 ± 796.389 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -648.893 ± 547.440 χ^2/NDF : 15.8/27

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.197+/-0.533 χ^2/NDF : 125857.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

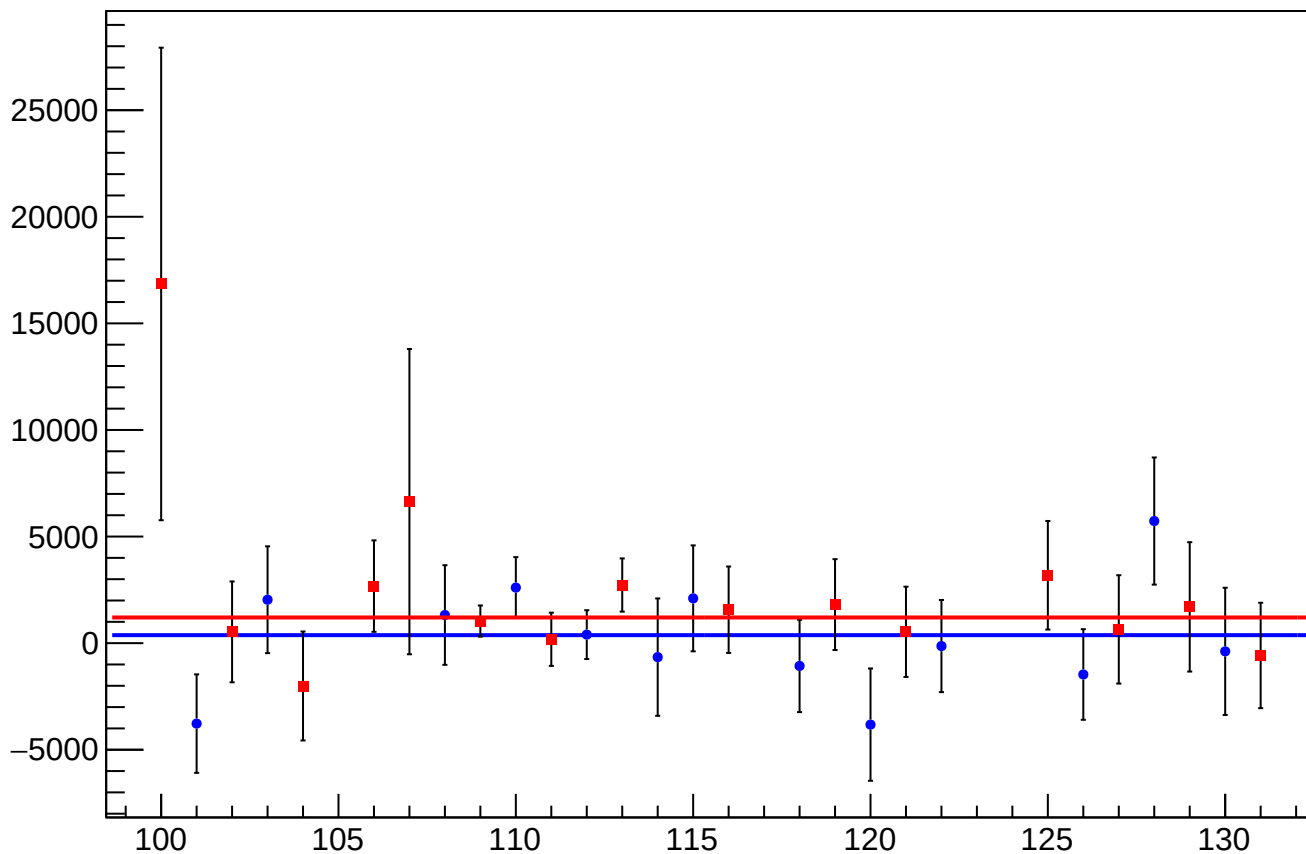
Right: 1839.984+/-0.387 χ^2/NDF : 412817.3/27

In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1839.984+/-0.387 χ^2/NDF : 412817.3/27

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.901 $\pm$ 568.406 χ^2 /NDF: 14.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1204.402 $\pm$ 447.093 χ^2 /NDF: 8.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

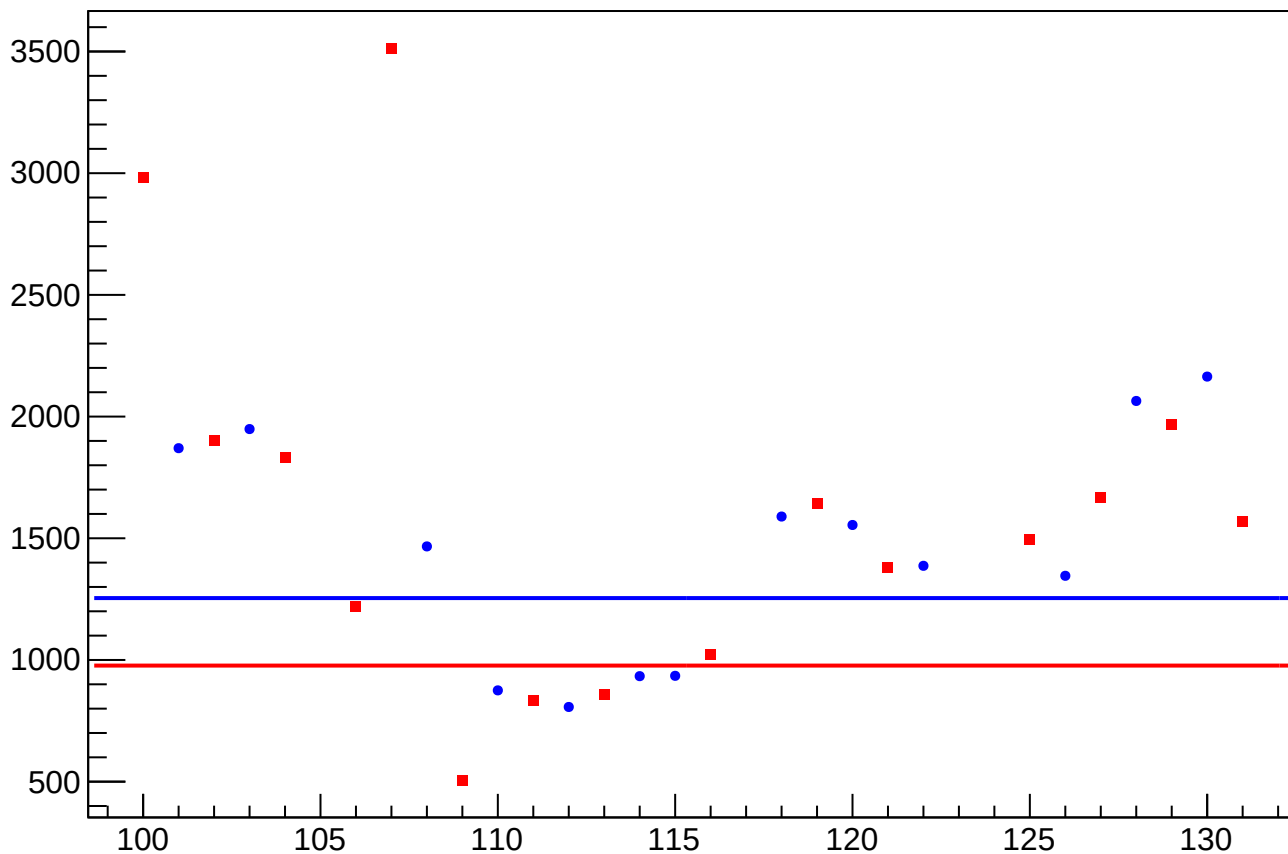
Right: 887.351 $\pm$ 351.411 χ^2 /NDF: 23.6/27

In: 374.901 $\pm$ 568.406 χ^2 /NDF:14.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 887.351 $\pm$ 351.411 χ^2 /NDF: 23.6/27

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1254.285+/-0.402 χ^2/NDF : 1238155.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 976.928+/-0.316 χ^2/NDF : 2582622.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

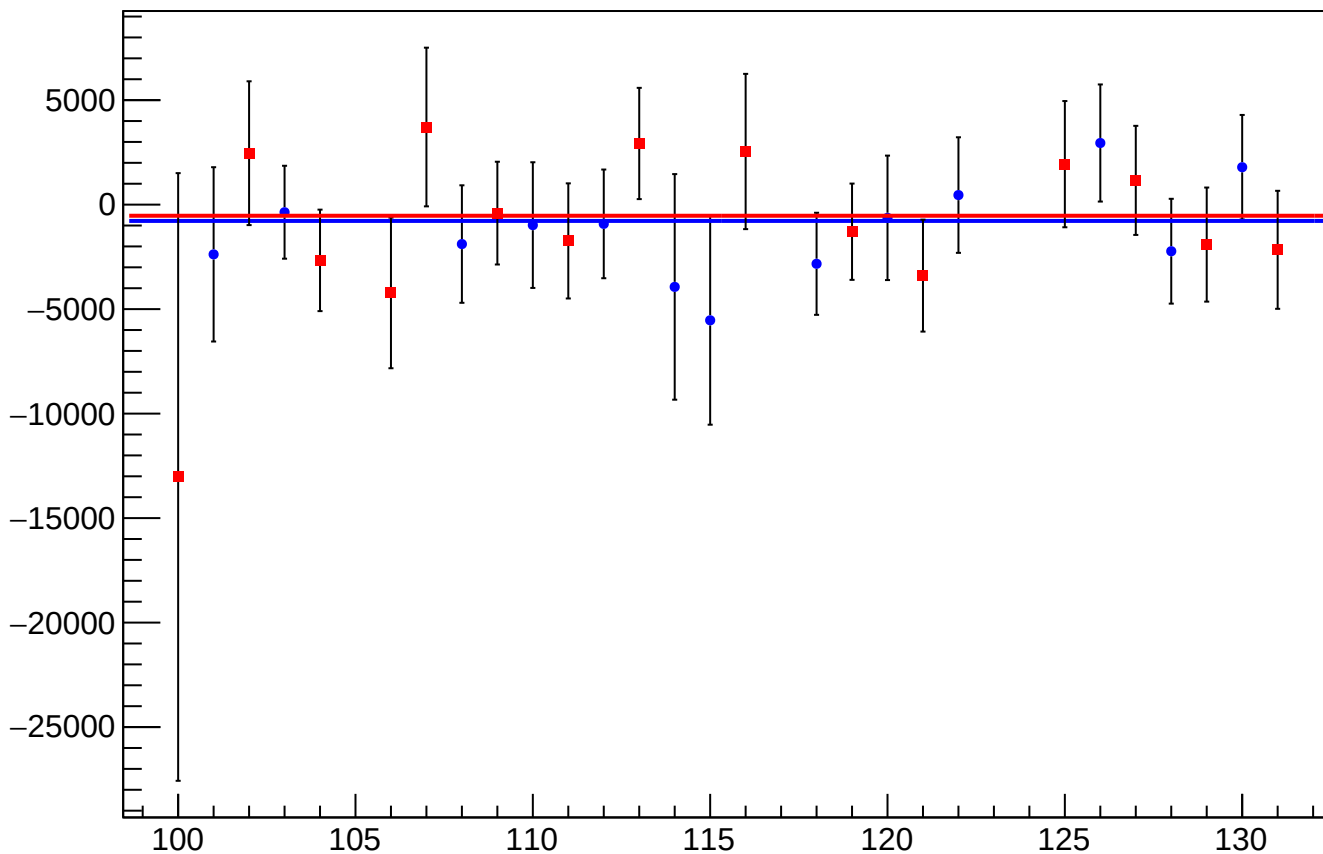
Right: 1082.939+/-0.248 χ^2/NDF : 4114965.8/27

In: 1254.285+/-0.402 χ^2/NDF :1238155.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1082.939+/-0.248 χ^2/NDF : 4114965.8/27

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -779.511+/-796.389 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.889+/-753.762 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

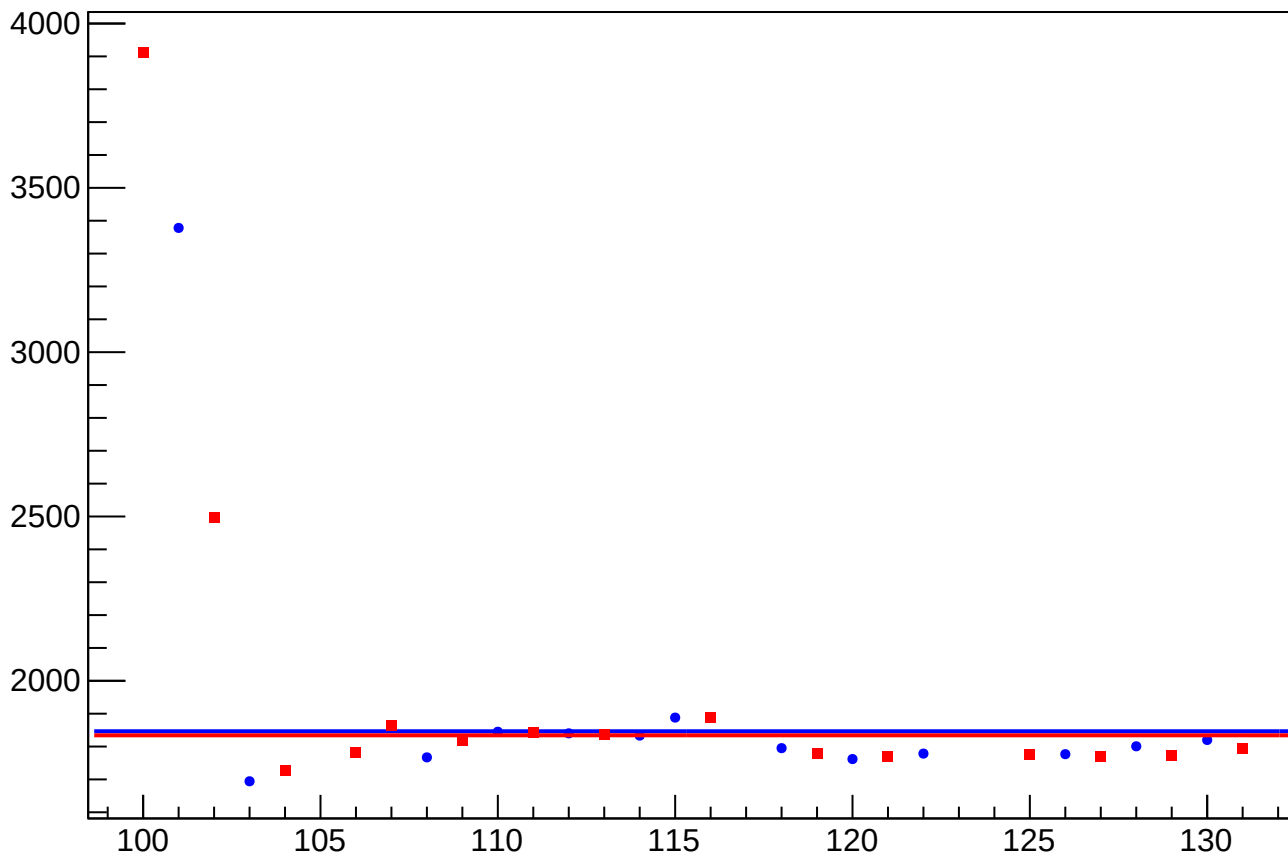
Right: -648.896+/-547.440 χ^2/NDF : 15.8/27

In: -779.511+/-796.389 χ^2/NDF : 5.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -648.896+/-547.440 χ^2/NDF : 15.8/27

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.197+/-0.533 χ^2/NDF : 125857.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

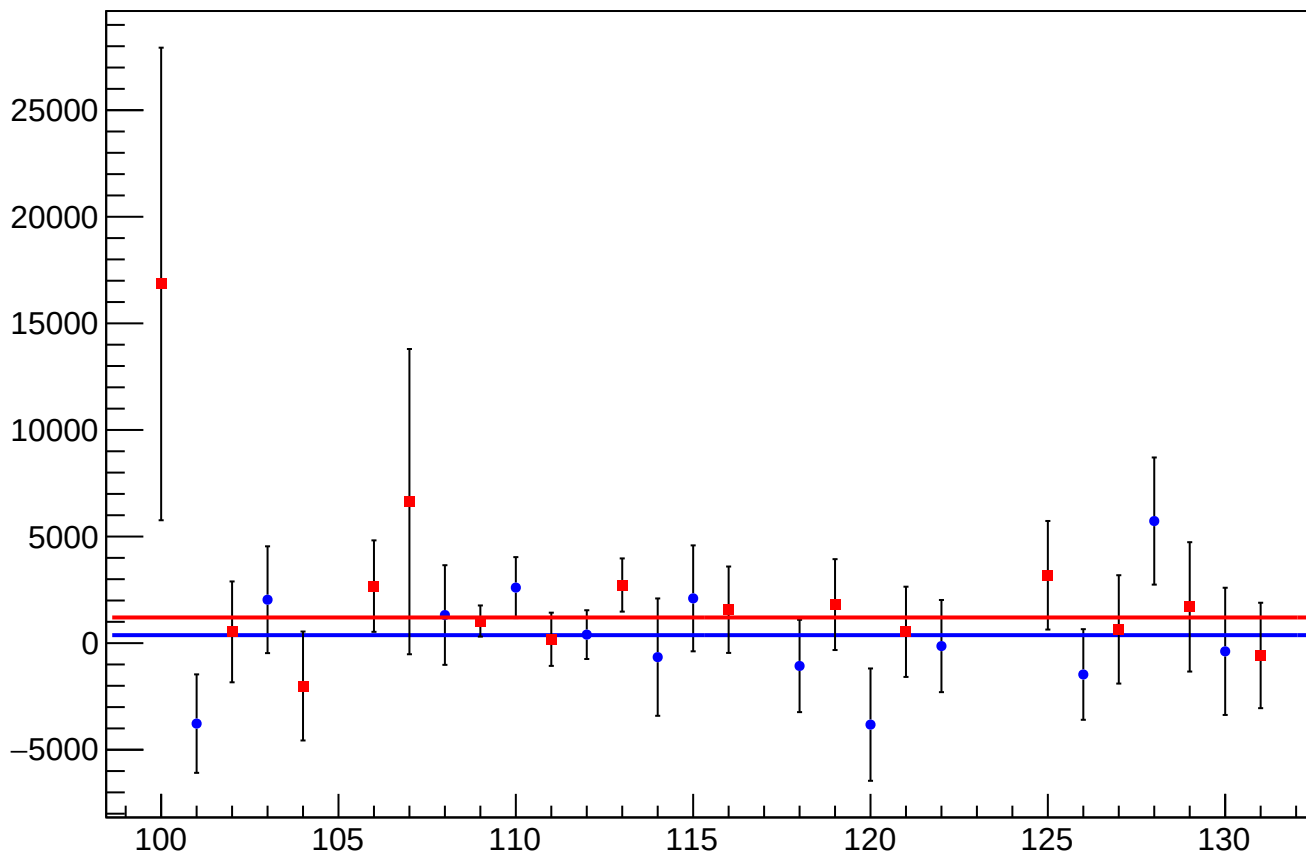
Right: 1839.984+/-0.387 χ^2/NDF : 412817.3/27

In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1839.984+/-0.387 χ^2/NDF : 412817.3/27

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.902 $\pm$ 568.403 χ^2 /NDF: 14.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1204.400 $\pm$ 447.092 χ^2 /NDF: 8.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

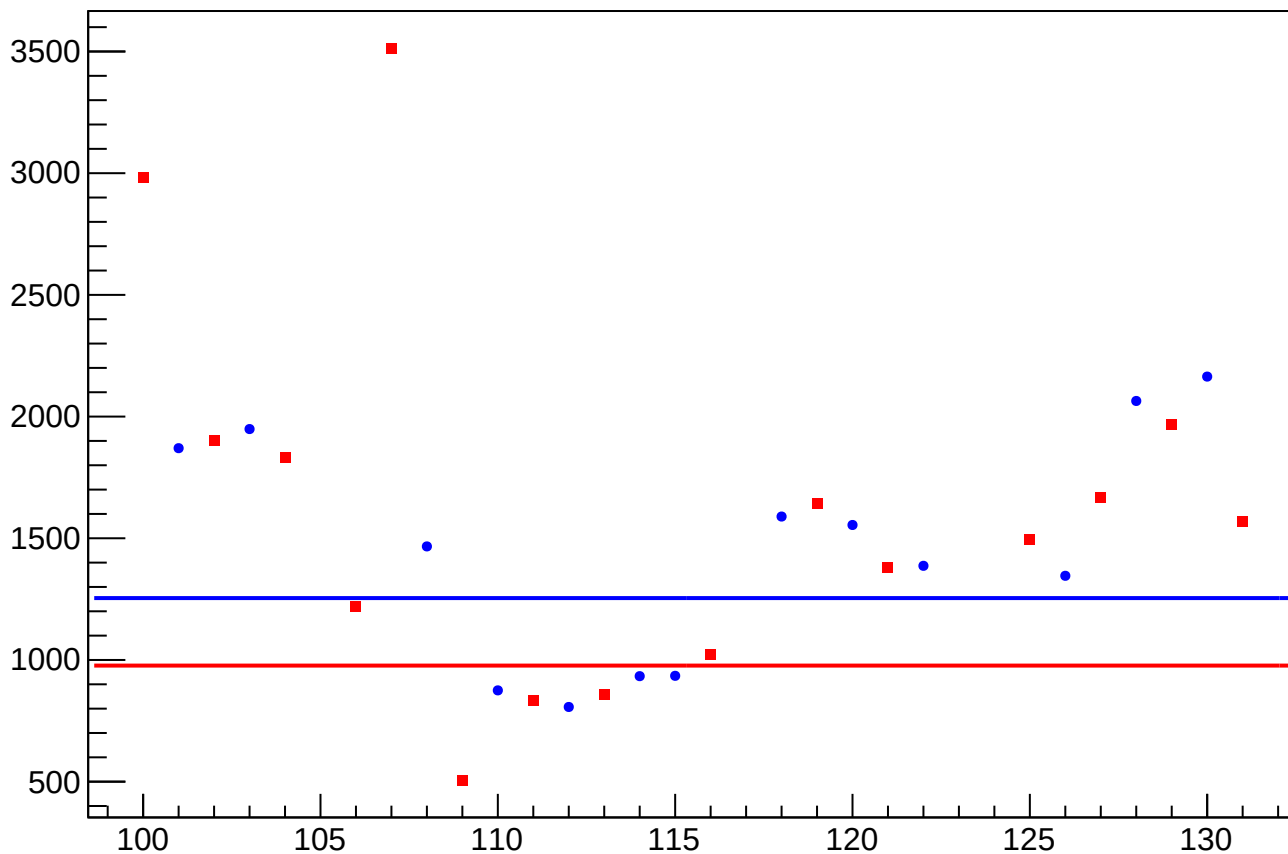
Right: 887.348 $\pm$ 351.410 χ^2 /NDF: 23.6/27

In: 374.902 $\pm$ 568.403 χ^2 /NDF:14.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 887.348 $\pm$ 351.410 χ^2 /NDF: 23.6/27

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1254.277+/-0.402 χ^2/NDF : 1238166.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 976.926+/-0.316 χ^2/NDF : 2582611.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

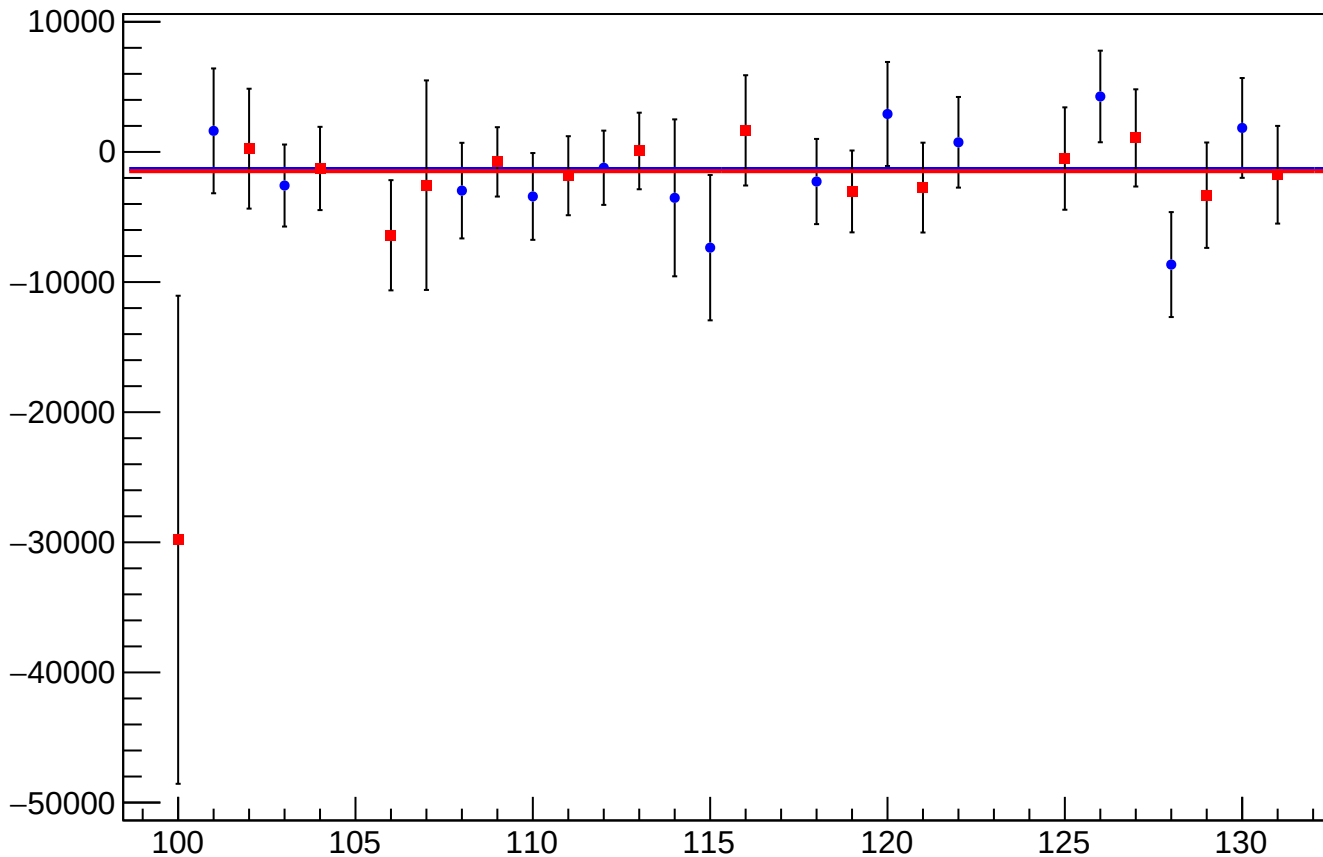
Right: 1082.936+/-0.248 χ^2/NDF : 4114955.3/27

In: 1254.277+/-0.402 χ^2/NDF :1238166.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1082.936+/-0.248 χ^2/NDF : 4114955.3/27

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1310.415+/-1032.043 χ^2 /NDF: 10.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1480.563+/-956.744 χ^2 /NDF: 5.8/14

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

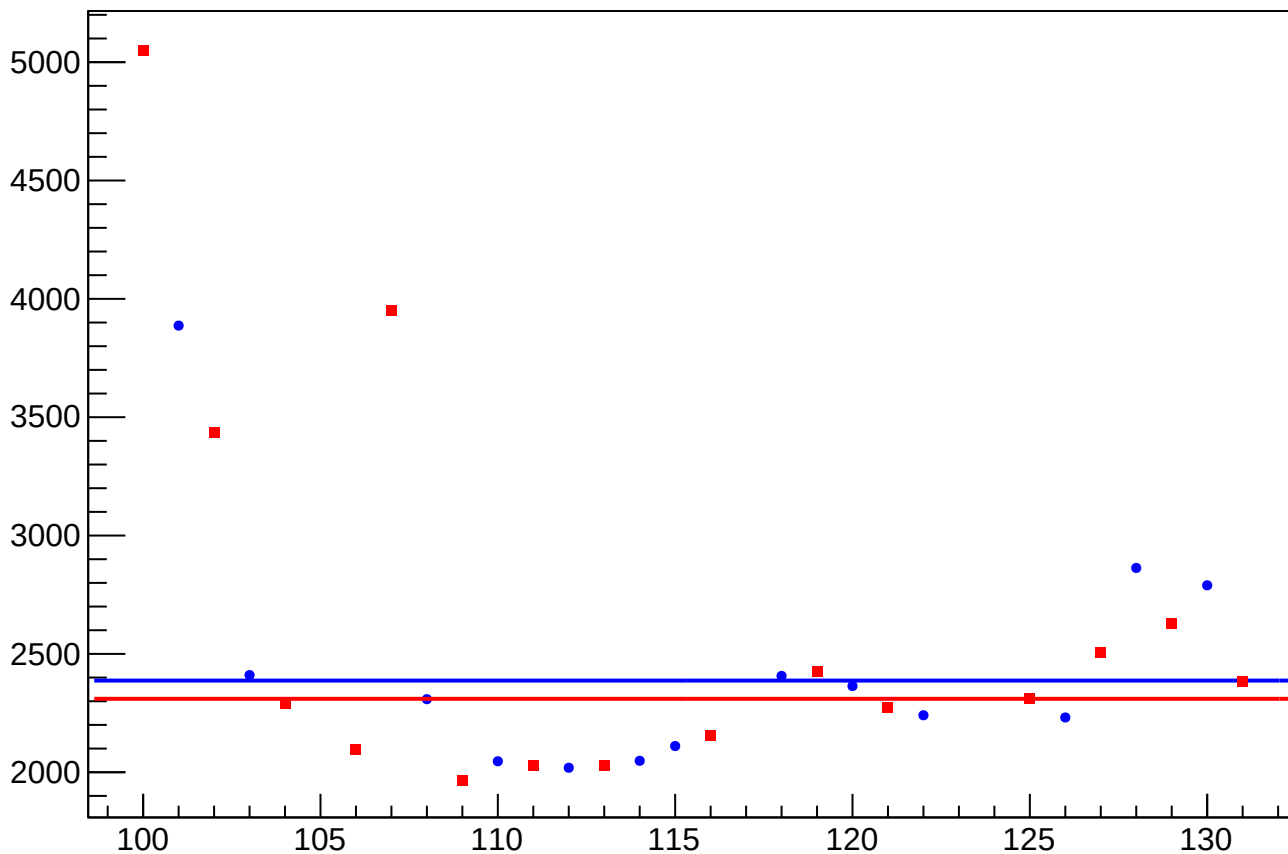
Right: -1401.922+/-701.631 χ^2 /NDF: 16.3/27

In: -1310.415+/-1032.043 χ^2 /NDF: 10.5/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1401.922+/-701.631 χ^2 /NDF: 16.3/27

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2387.243+/-0.730 χ^2/NDF : 319465.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2310.215+/-0.677 χ^2/NDF : 343328.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

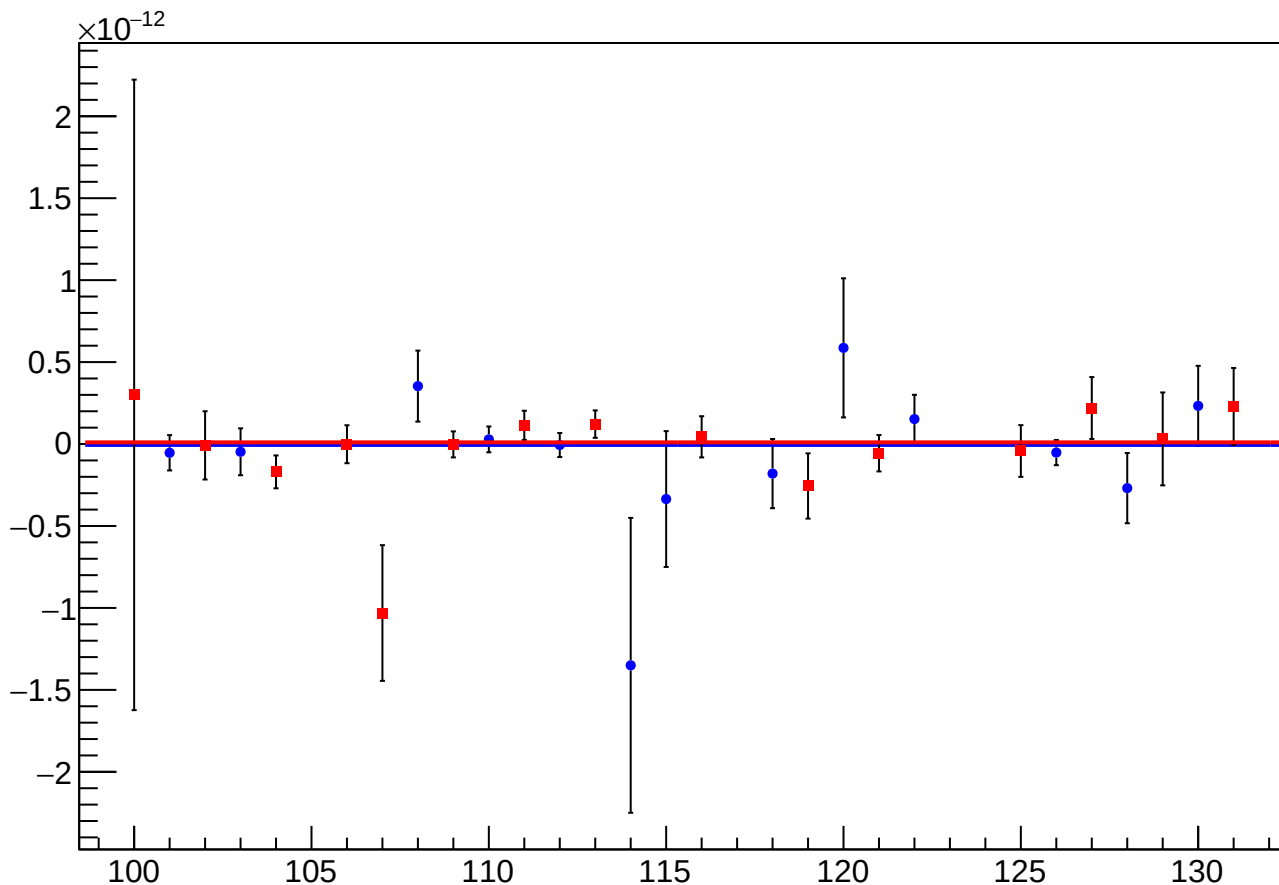
Right: 2345.817+/-0.496 χ^2/NDF : 668785.6/27

In: 2387.243+/-0.730 χ^2/NDF :319465.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2345.817+/-0.496 χ^2/NDF : 668785.6/27

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

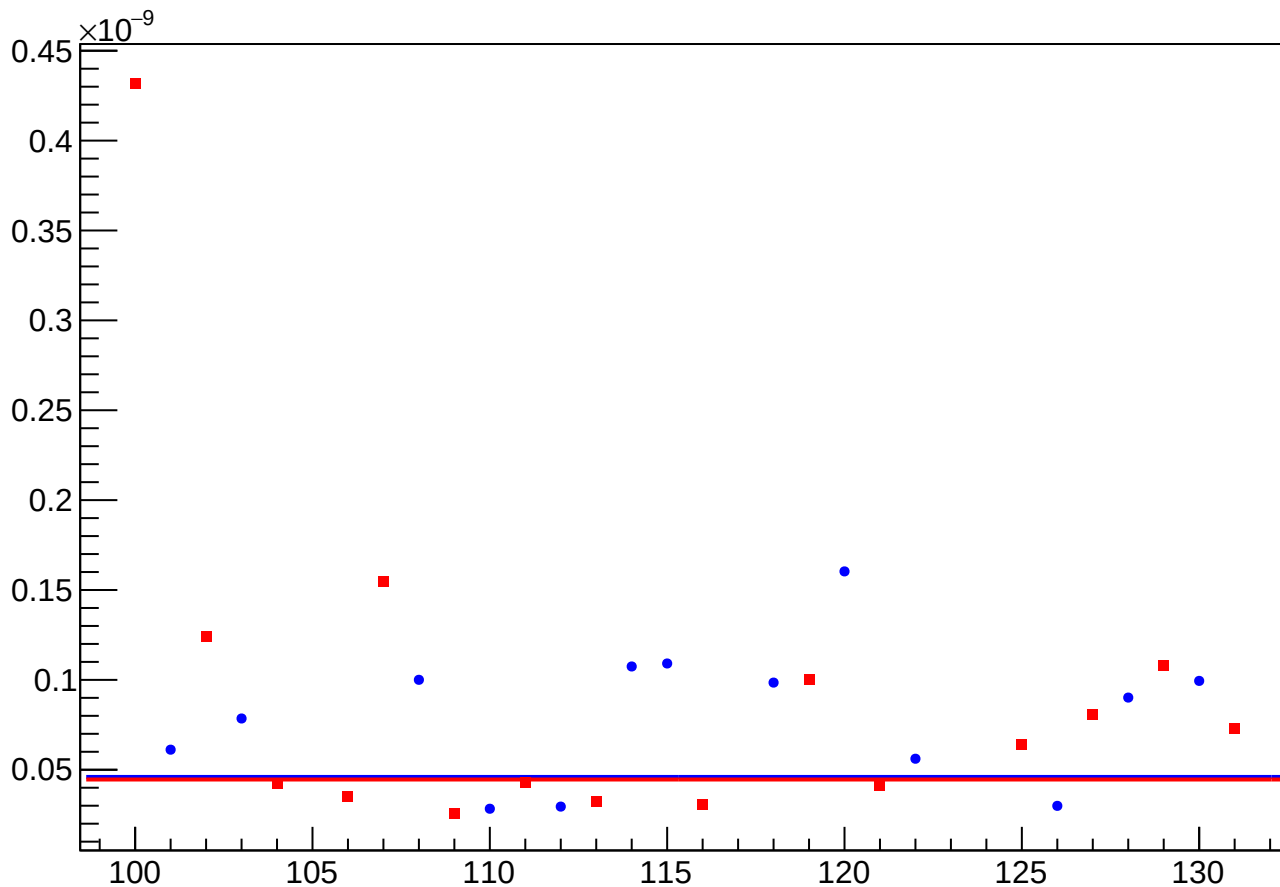
Right: 0.000+/-0.000 χ^2/NDF : 30.0/27

In: -0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/27

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1071113.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1102460.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

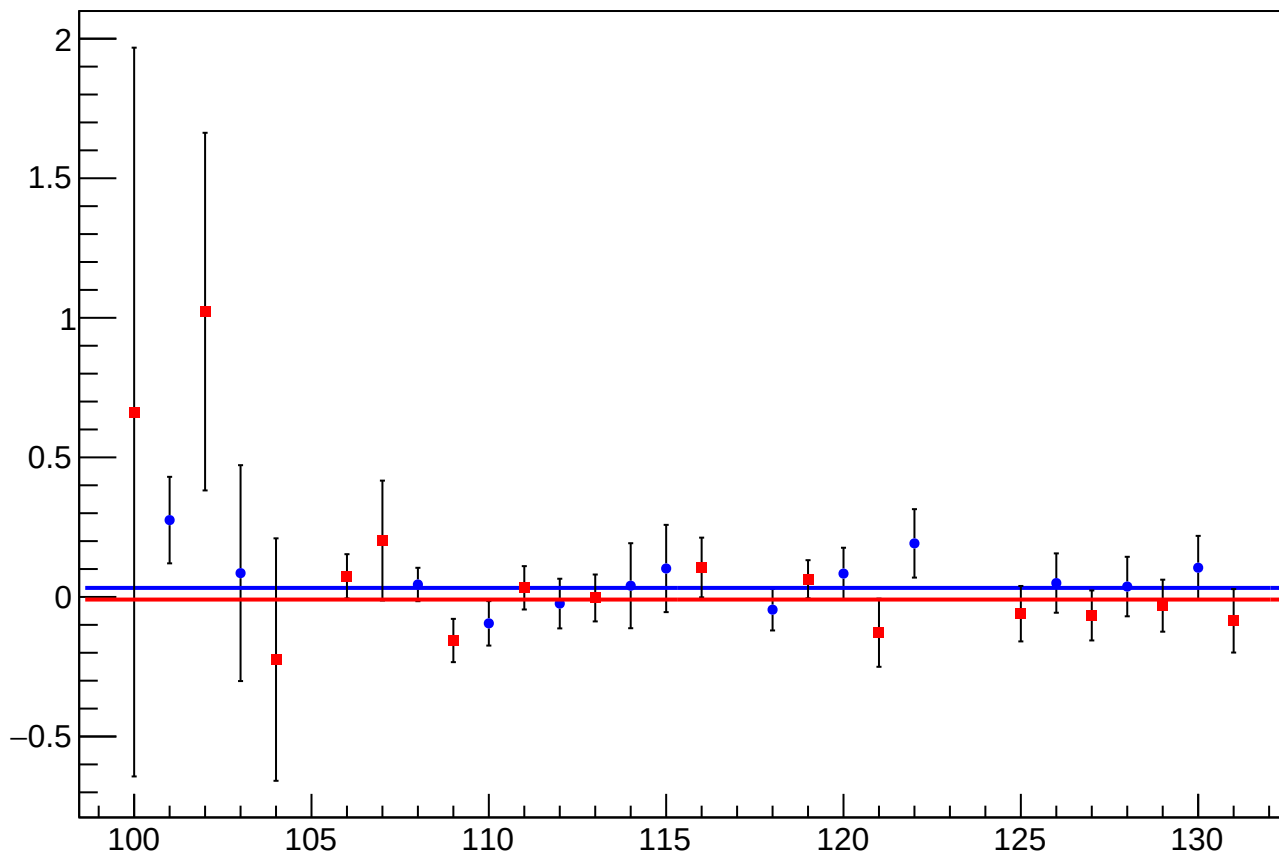
Right: 0.000+/-0.000 χ^2/NDF : 2175287.6/27

In: 0.000+/-0.000 χ^2/NDF : 1071113.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2175287.6/27

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

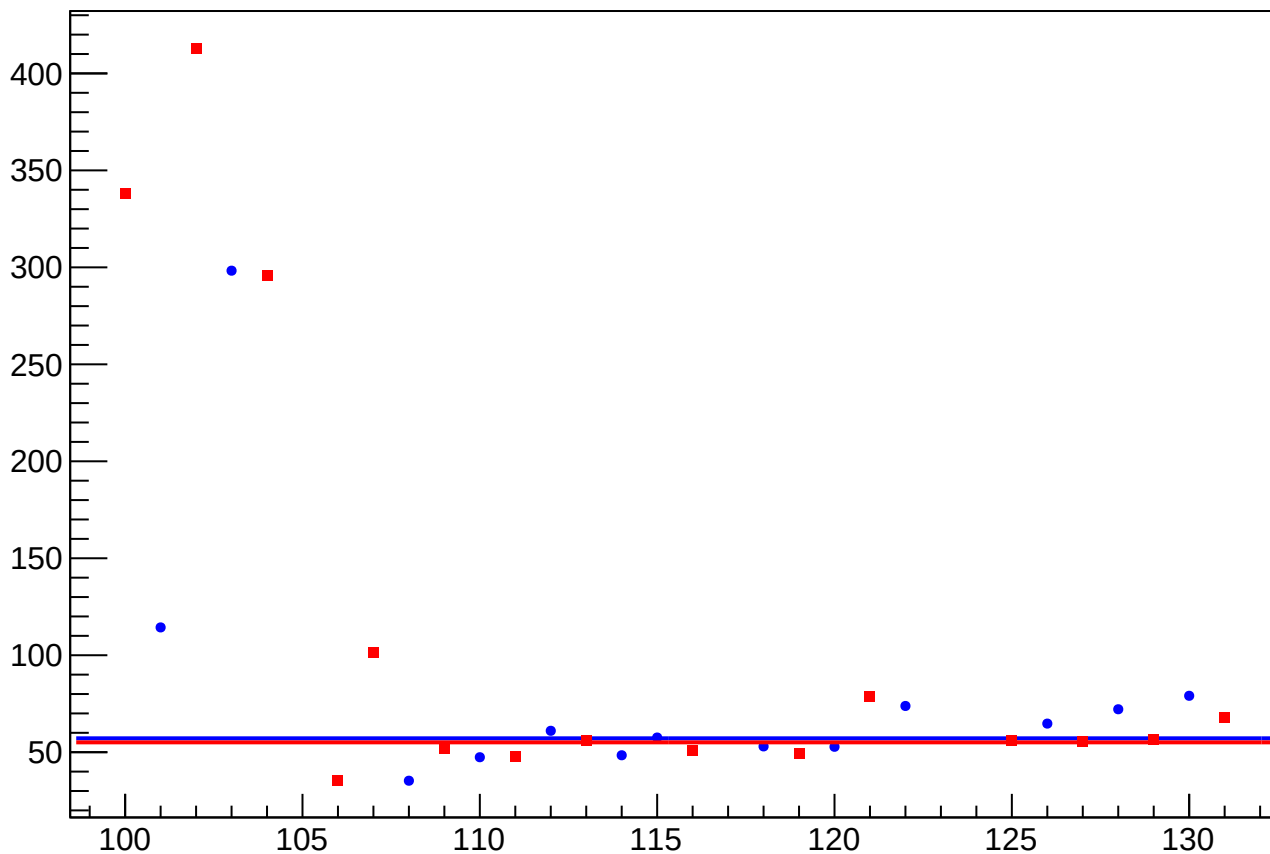
Right: 0.010+/-0.019 χ^2/NDF : 23.8/27

In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.019 χ^2/NDF : 23.8/27

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.160+/-0.020 χ^2/NDF : 1528623.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689376.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

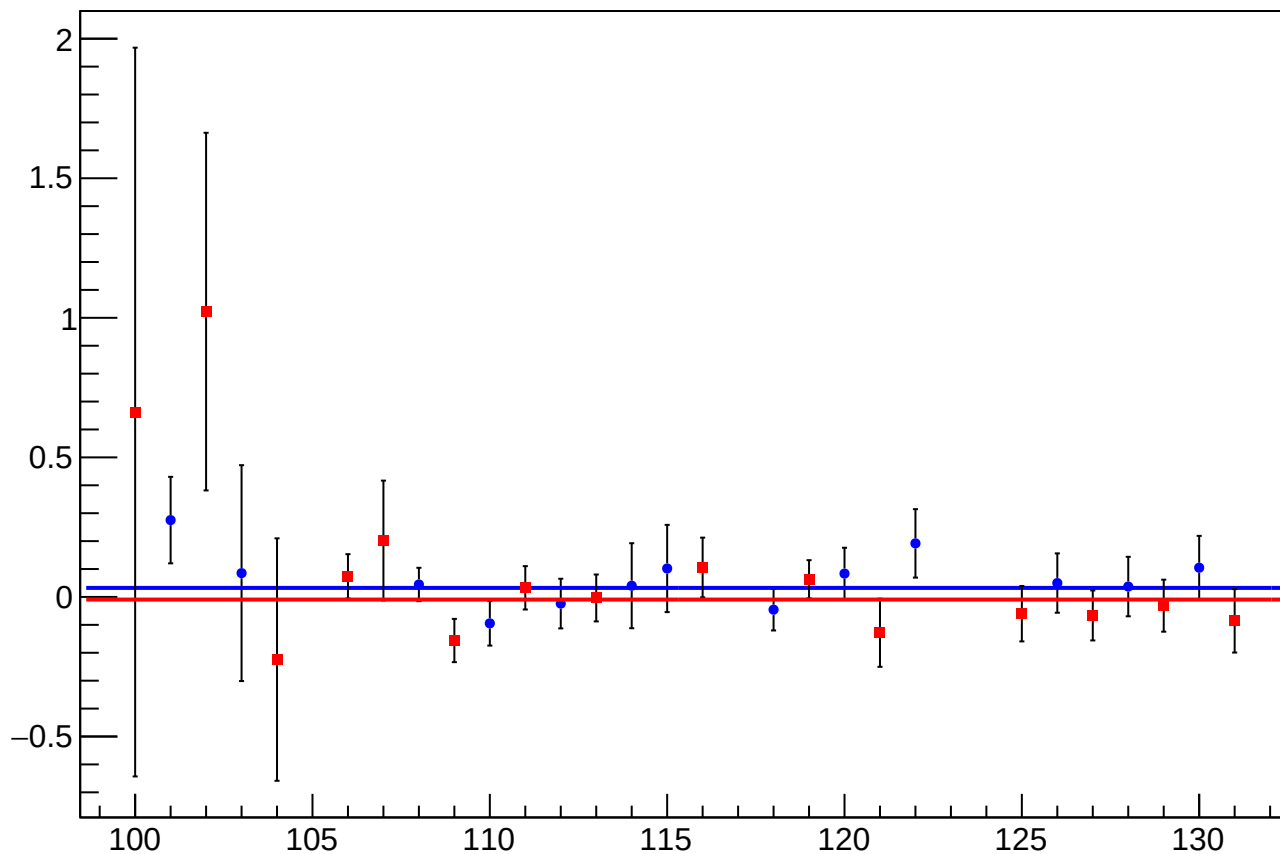
Right: 56.070+/-0.013 χ^2/NDF : 3223940.2/27

In: 57.160+/-0.020 χ^2/NDF : 1528623.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.070+/-0.013 χ^2/NDF : 3223940.2/27

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

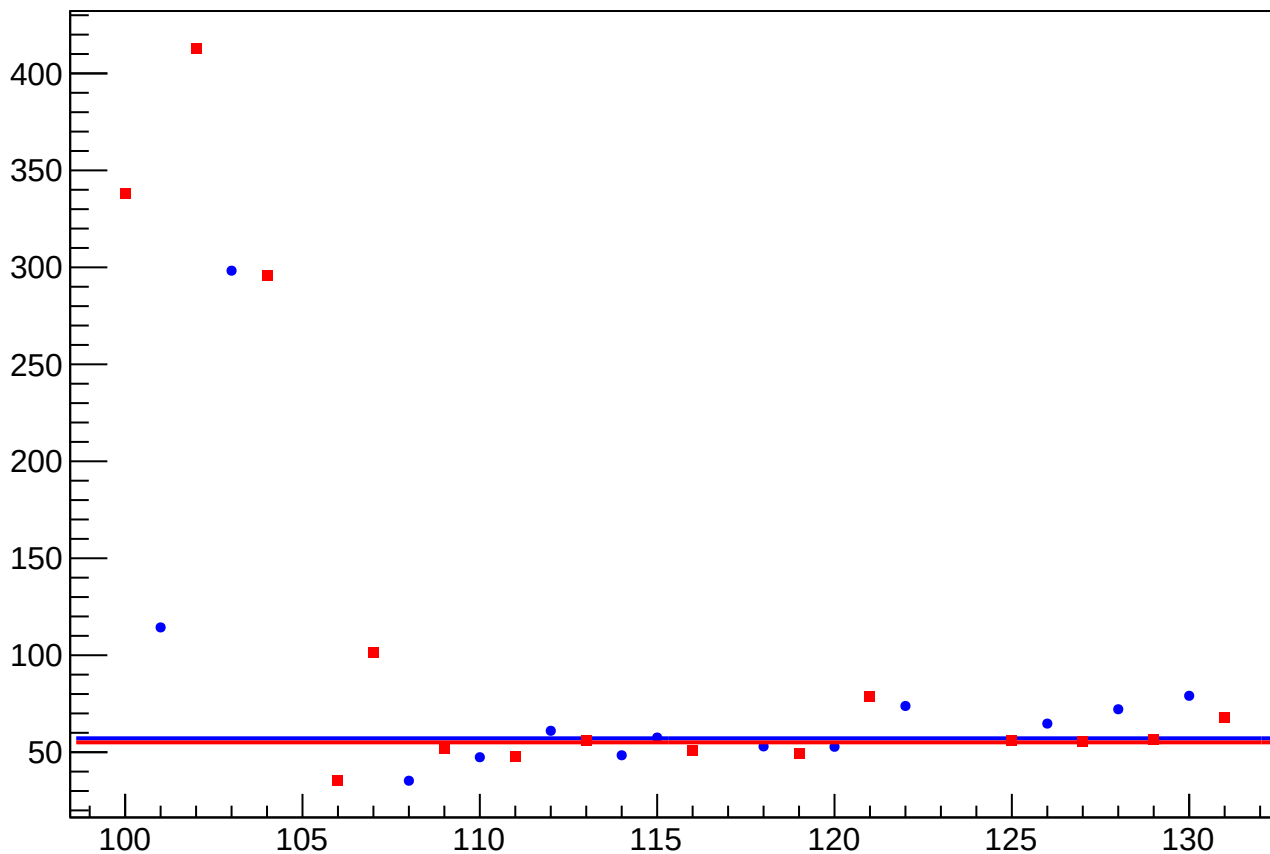
Right: 0.010+/-0.019 χ^2/NDF : 23.8/27

In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.019 χ^2/NDF : 23.8/27

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.160 $\pm$ 0.020 χ^2 /NDF: 1528623.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.084 $\pm$ 0.019 χ^2 /NDF: 1689376.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

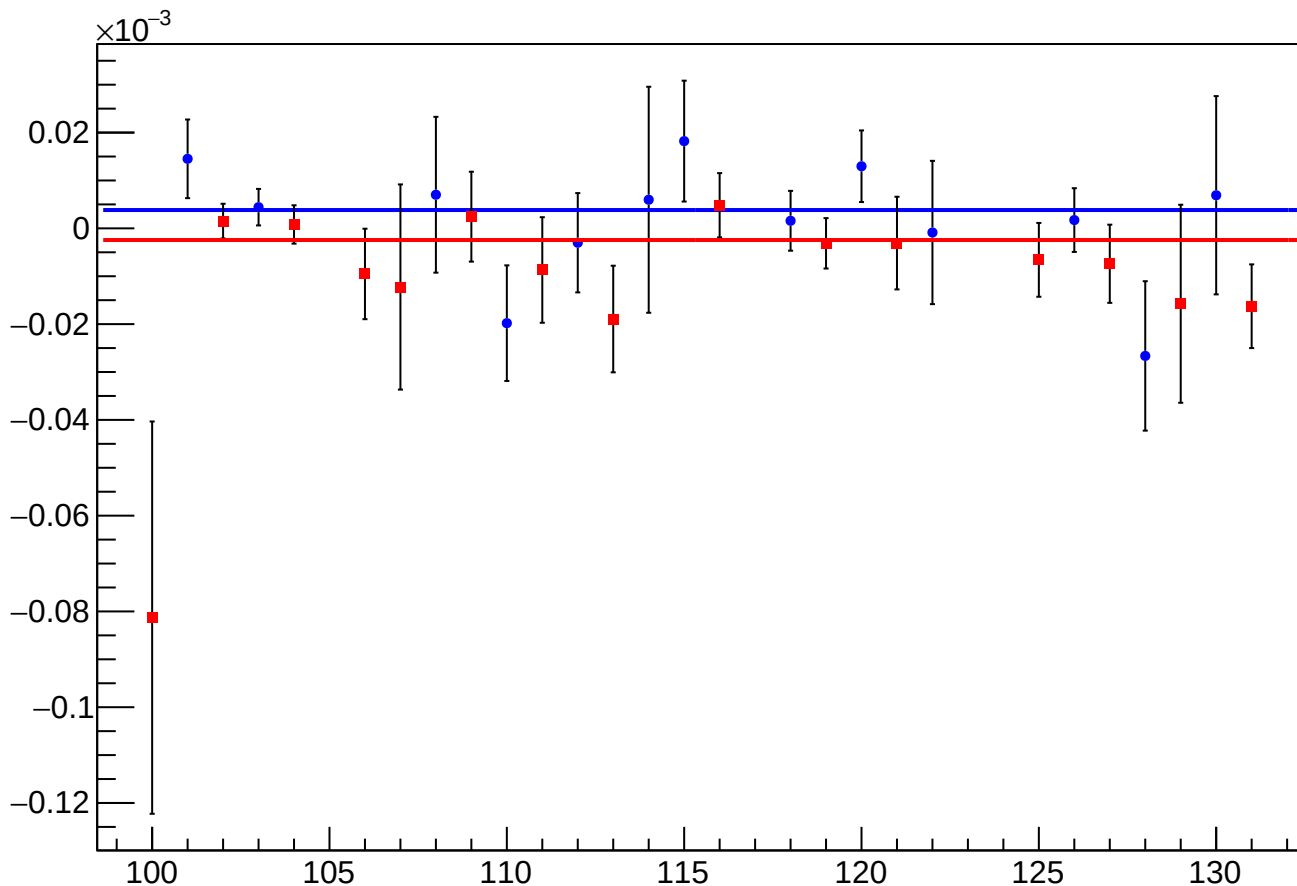
Right: 56.070 $\pm$ 0.013 χ^2 /NDF: 3223940.2/27

In: 57.160 $\pm$ 0.020 χ^2 /NDF:1528623.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.070 $\pm$ 0.013 χ^2 /NDF: 3223940.2/27

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 : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

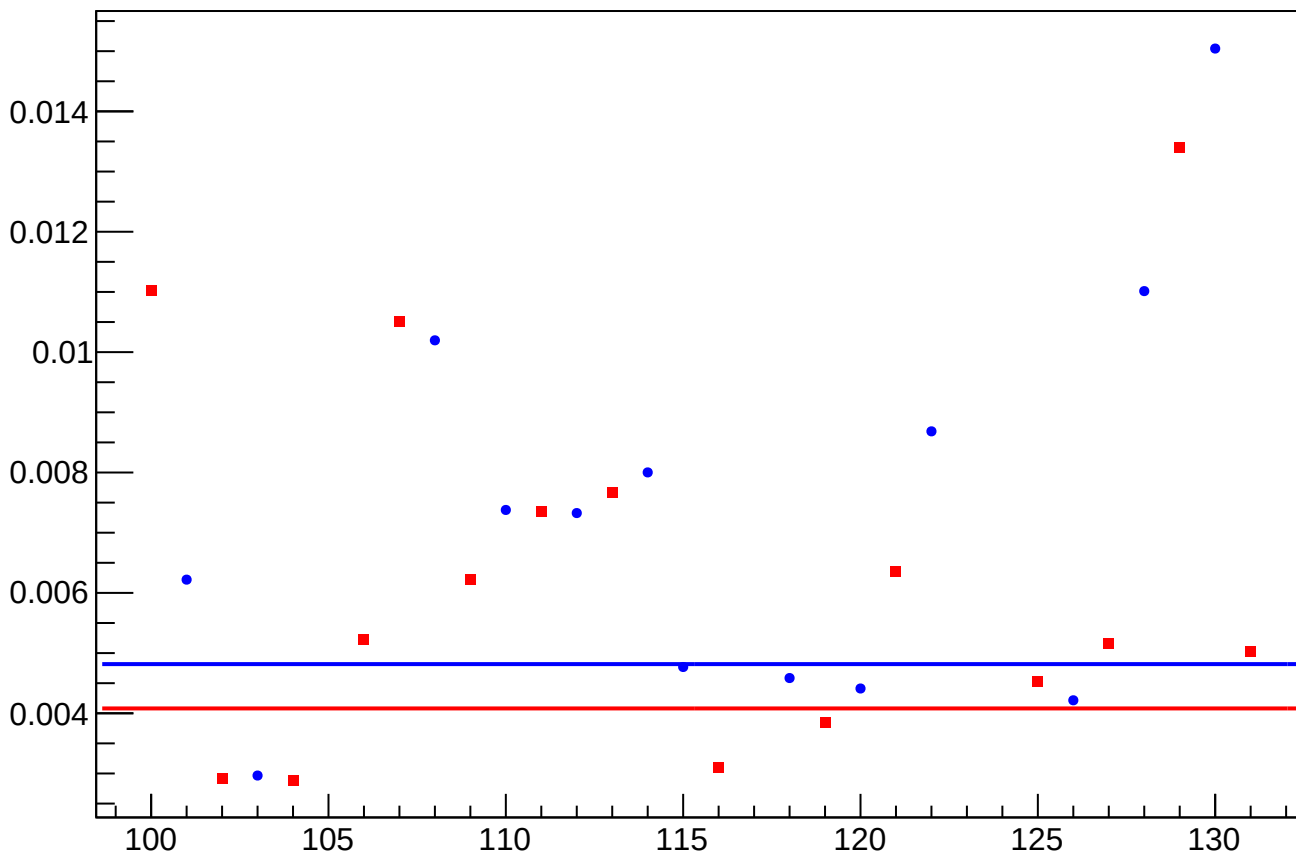
Right: -0.000+/-0.000 χ^2/NDF : 31.4/27

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/27

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 : 1954074.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1770723.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

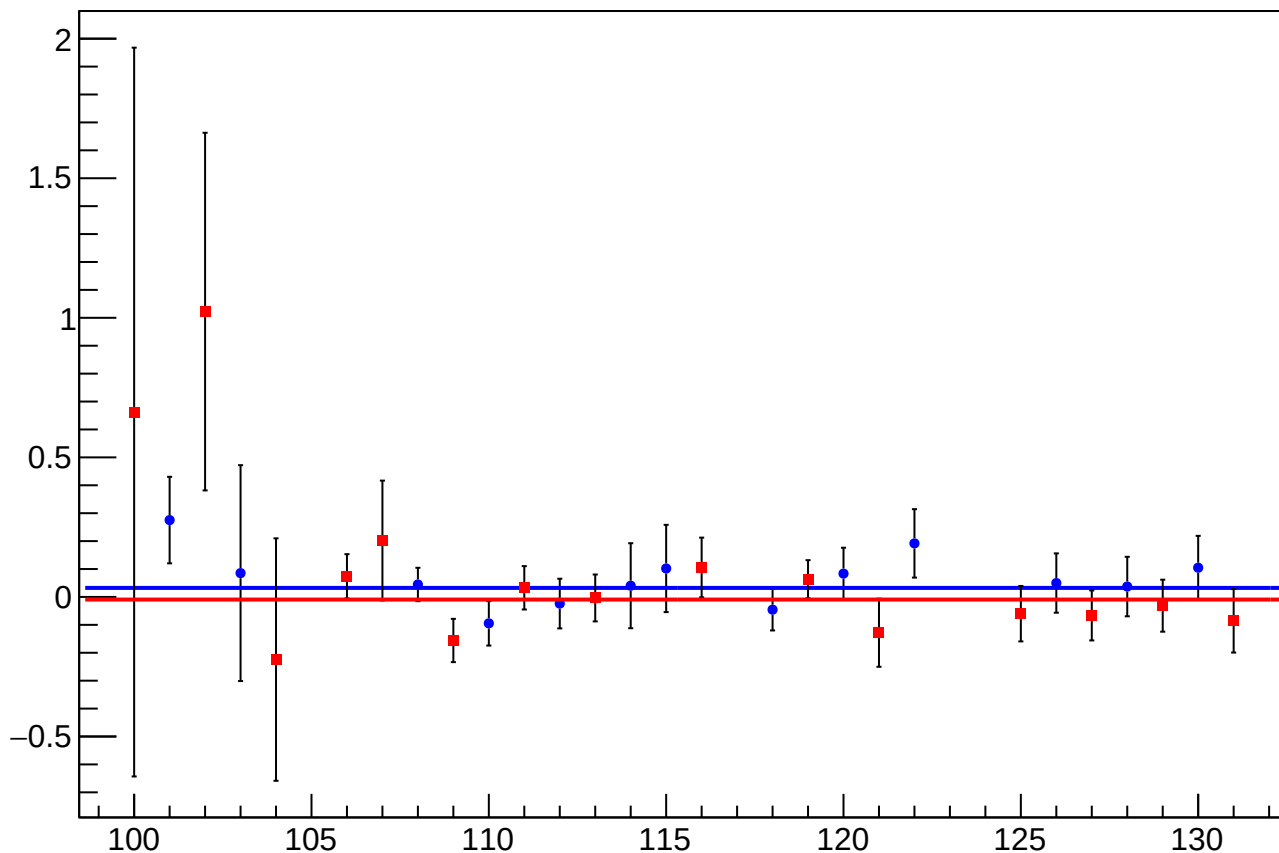
Right: 0.004+/-0.000 χ^2/NDF : 3849843.3/27

In: 0.005+/-0.000 χ^2/NDF :1954074.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3849843.3/27

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 ± 0.028 $\chi^2/\text{NDF}: 9.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.009 ± 0.026 $\chi^2/\text{NDF}: 13.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

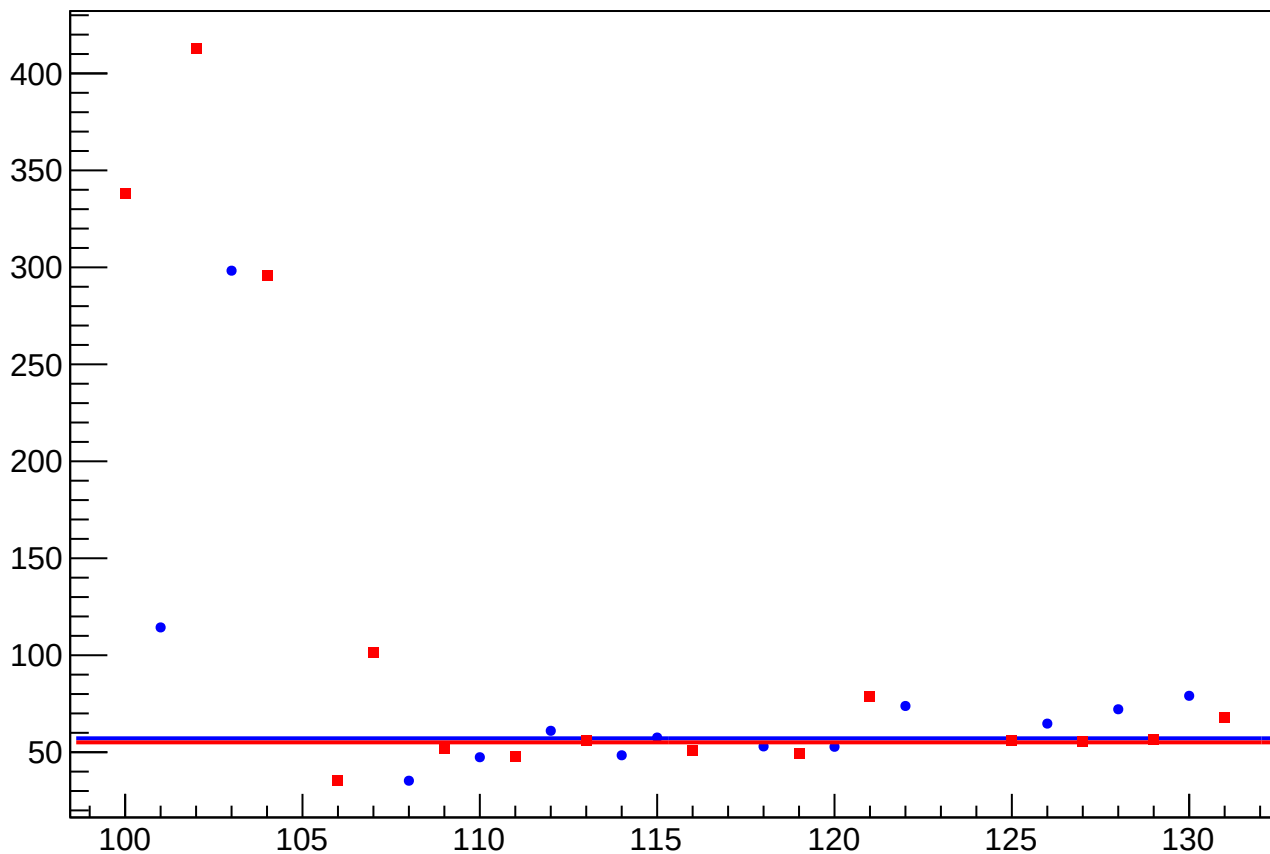
Right: 0.010 ± 0.019 $\chi^2/\text{NDF}: 23.8/27$

In: 0.032 ± 0.028 $\chi^2/\text{NDF}: 9.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.010 ± 0.019 $\chi^2/\text{NDF}: 23.8/27$

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689358.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

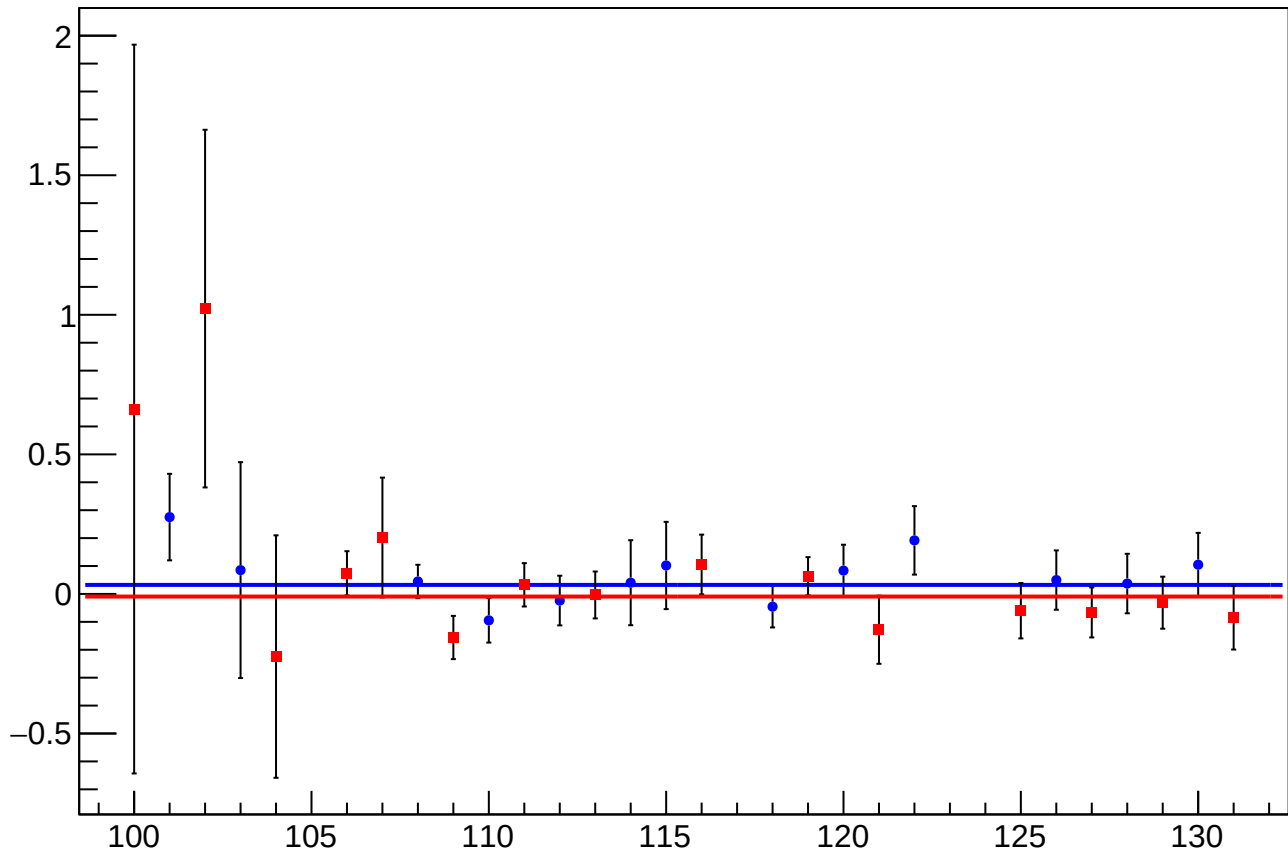
Right: 56.071+/-0.013 χ^2/NDF : 3223783.9/27

In: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.071+/-0.013 χ^2/NDF : 3223783.9/27

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

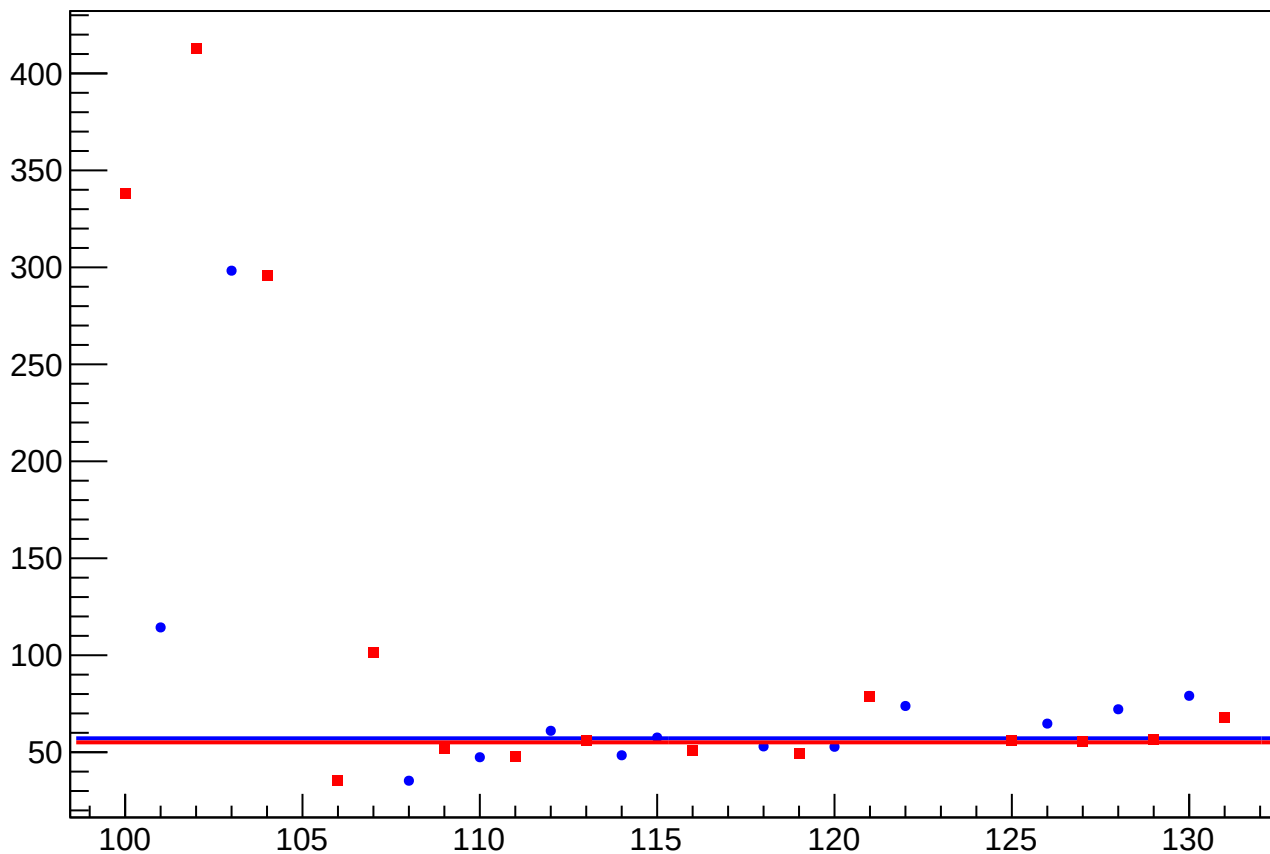
Right: 0.010+/-0.019 χ^2/NDF : 23.8/27

In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.019 χ^2/NDF : 23.8/27

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689358.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

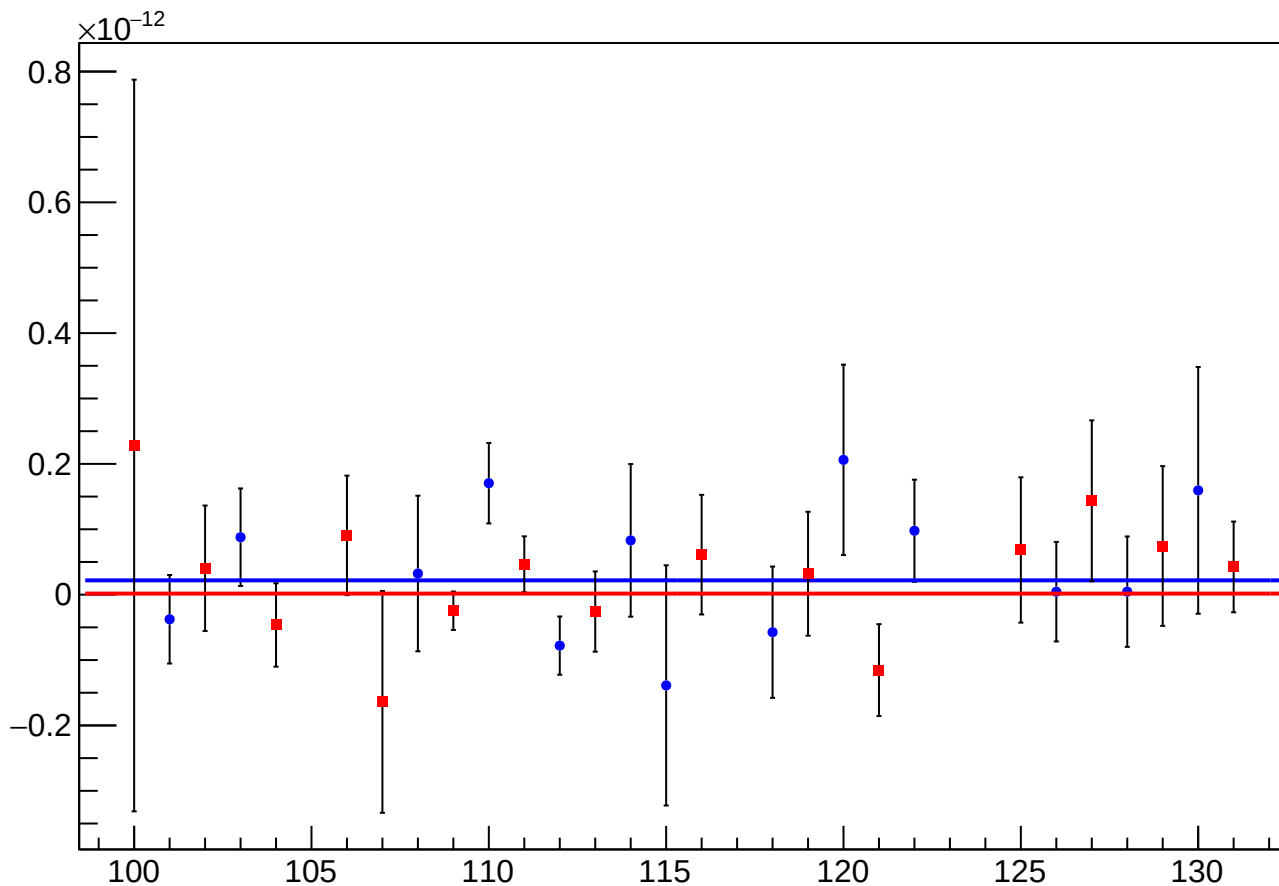
Right: 56.071+/-0.013 χ^2/NDF : 3223783.9/27

In: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.071+/-0.013 χ^2/NDF : 3223783.9/27

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 : 17.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

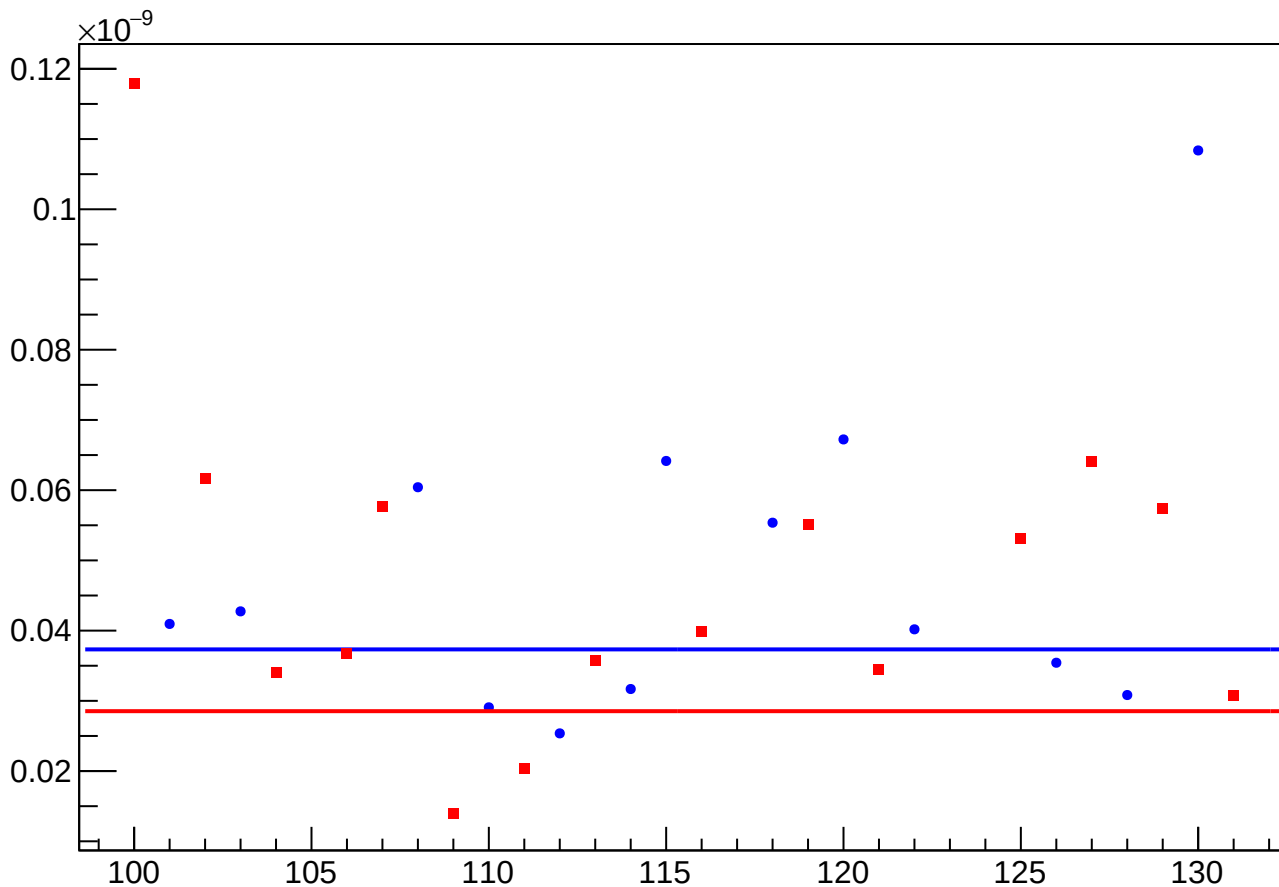
Right: 0.000+/-0.000 χ^2/NDF : 28.4/27

In: 0.000+/-0.000 χ^2/NDF : 17.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/27

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 : 767412.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1552898.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

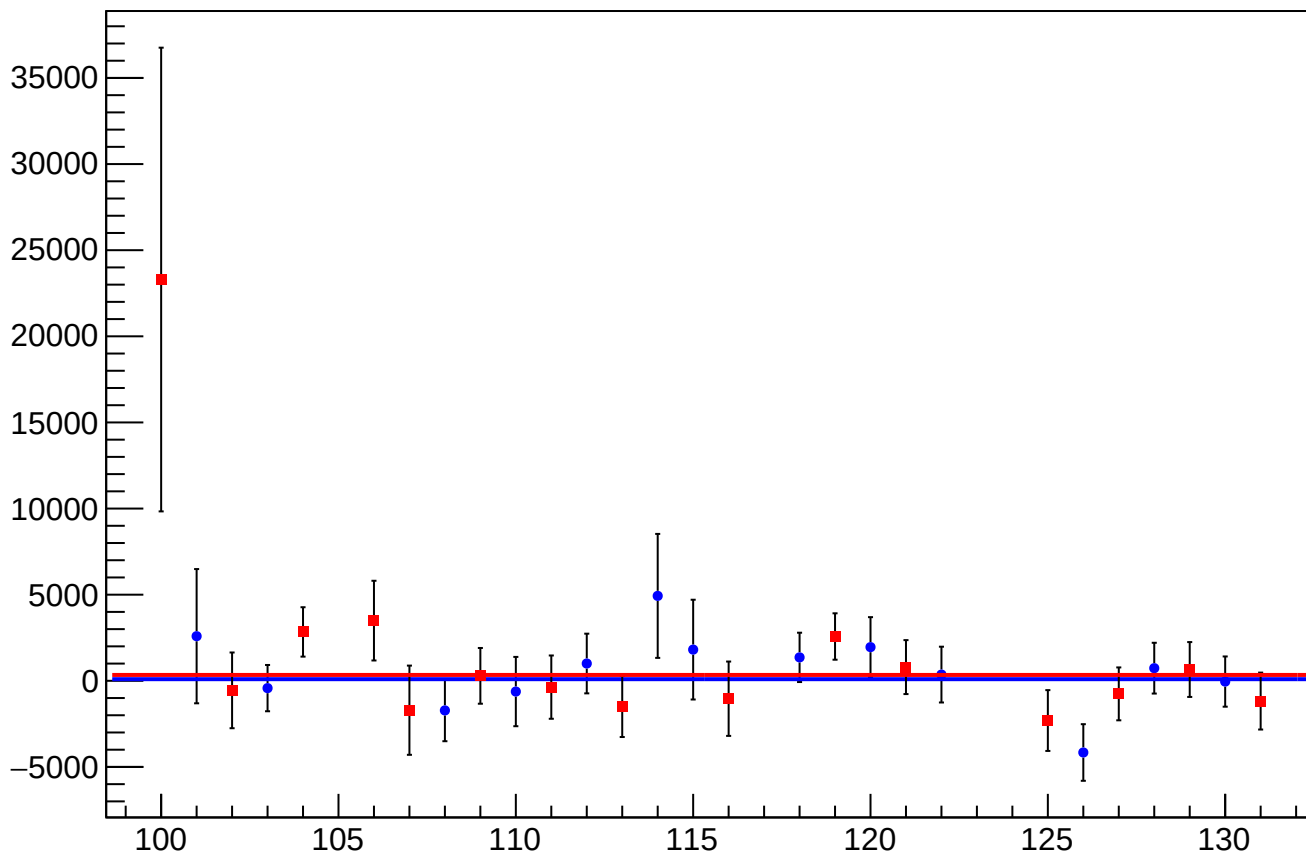
Right: 0.000+/-0.000 χ^2/NDF : 2513425.7/27

In: 0.000+/-0.000 χ^2/NDF : 767412.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2513425.7/27

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 94.408 $\pm$ 487.390 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 340.408 $\pm$ 460.755 χ^2 /NDF: 16.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

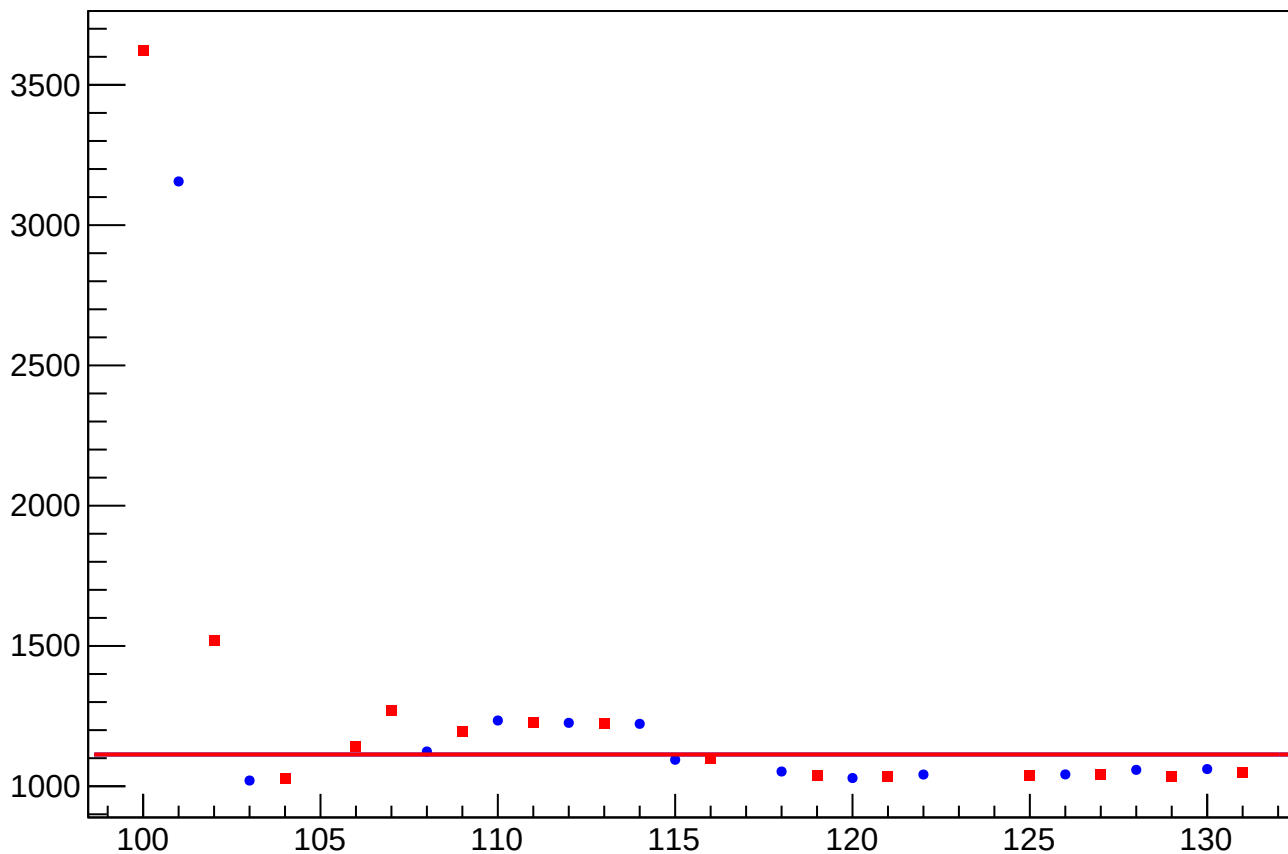
Right: 224.313 $\pm$ 334.823 χ^2 /NDF: 29.8/27

In: 94.408 $\pm$ 487.390 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.313 $\pm$ 334.823 χ^2 /NDF: 29.8/27

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1113.083+/-0.345 χ^2/NDF : 597933.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.203+/-0.326 χ^2/NDF : 200685.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

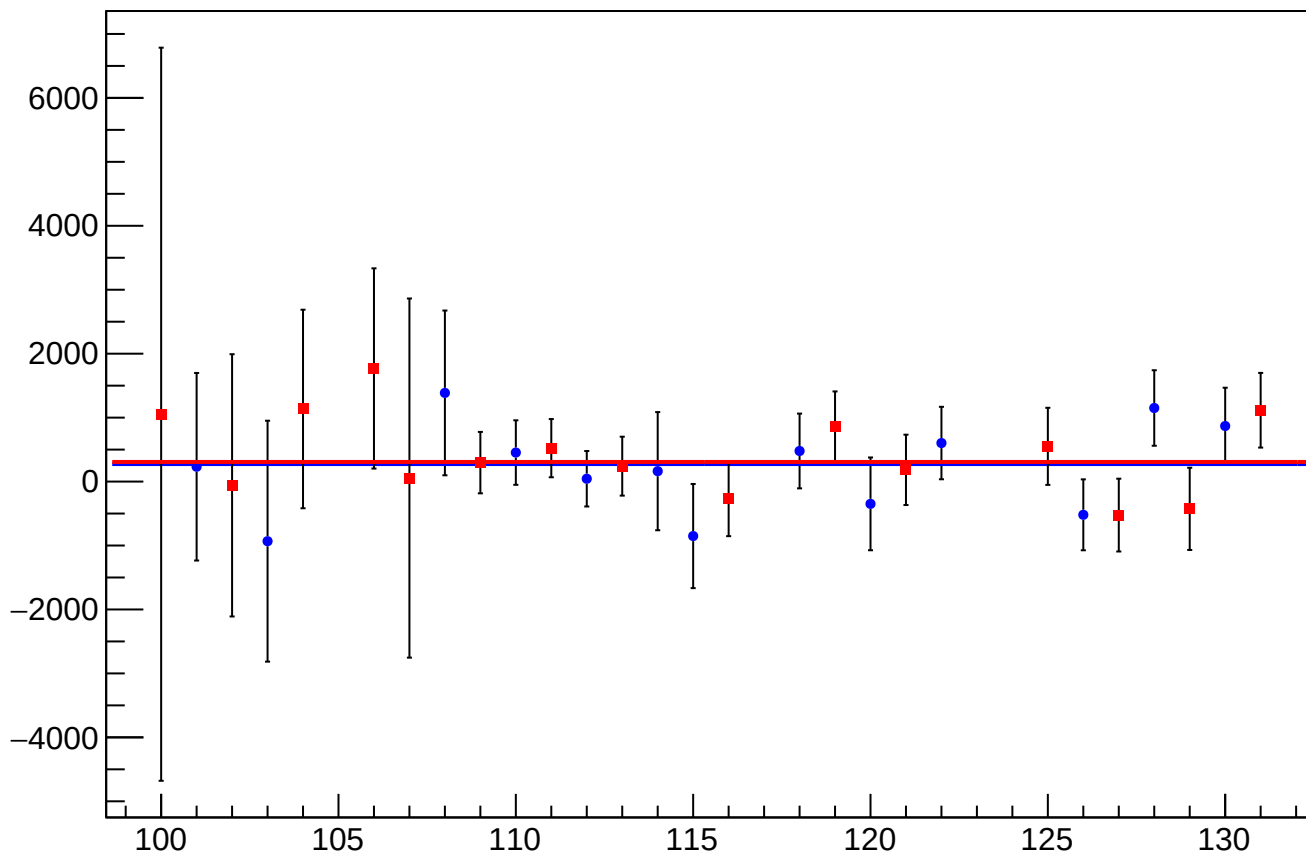
Right: 1113.147+/-0.237 χ^2/NDF : 798619.3/27

In: 1113.083+/-0.345 χ^2/NDF : 597933.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.147+/-0.237 χ^2/NDF : 798619.3/27

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 273.942 $\pm$ 182.186 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 306.887 $\pm$ 167.031 χ^2 /NDF: 9.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

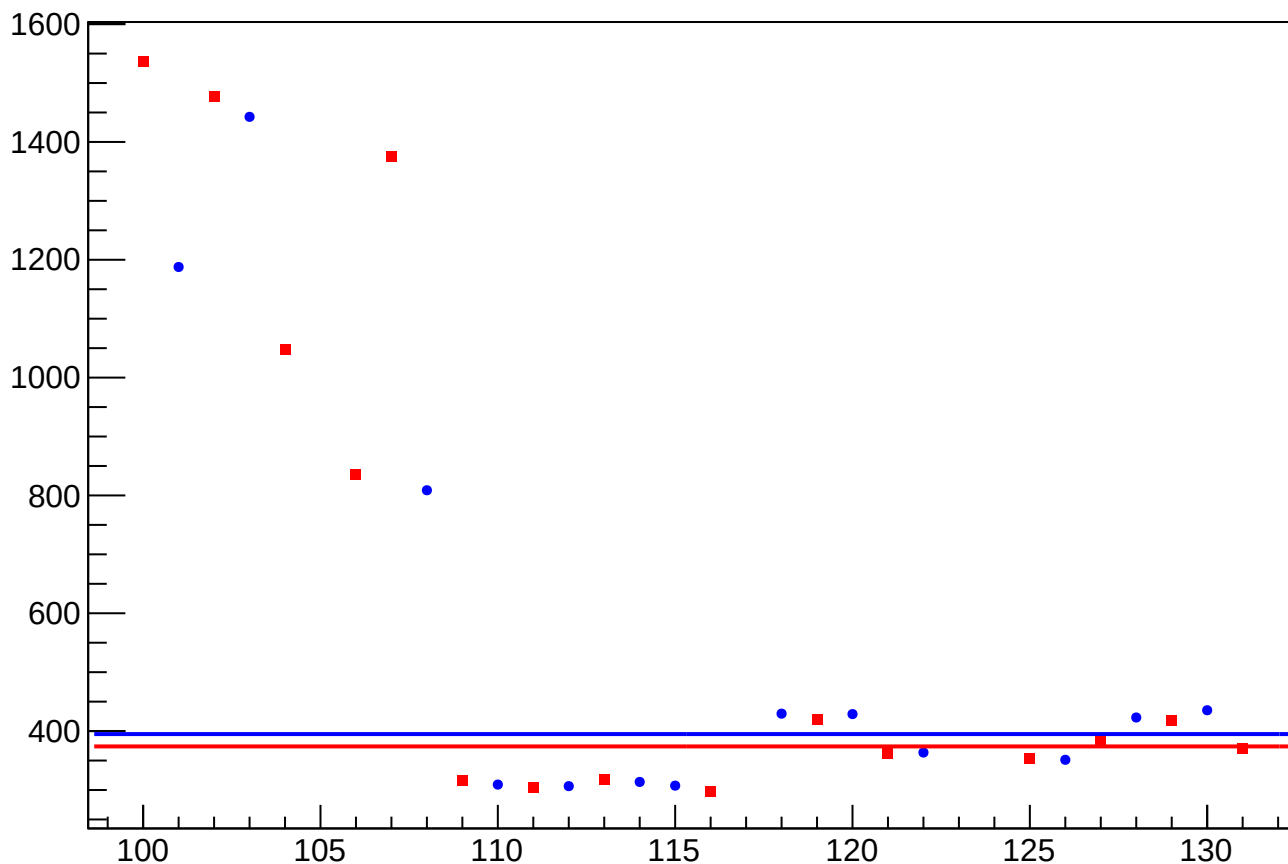
Right: 291.842 $\pm$ 123.118 χ^2 /NDF: 19.0/27

In: 273.942 $\pm$ 182.186 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 291.842 $\pm$ 123.118 χ^2 /NDF: 19.0/27

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 394.912+/-0.129 χ^2/NDF : 1632437.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.972+/-0.118 χ^2/NDF : 1634968.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

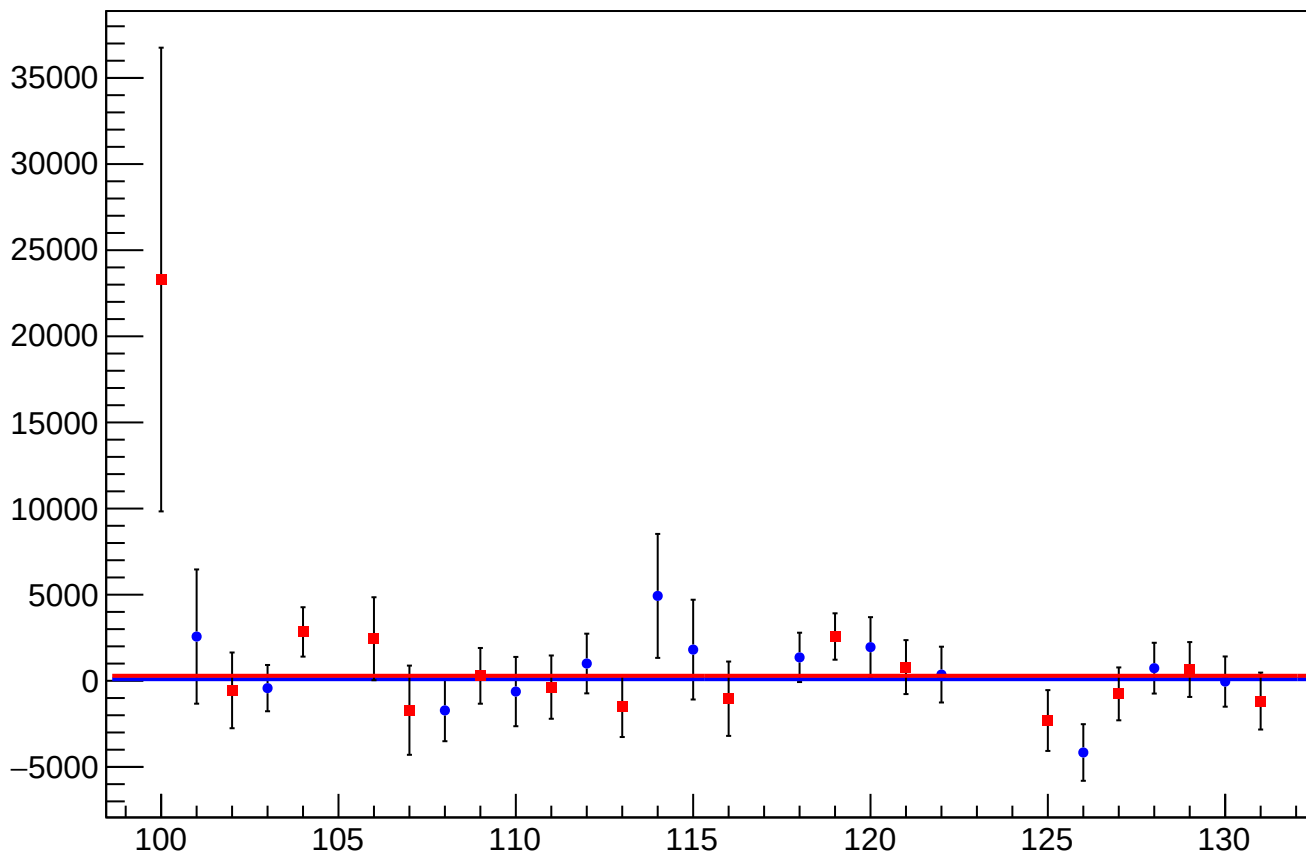
Right: 383.535+/-0.087 χ^2/NDF : 3281761.7/27

In: 394.912+/-0.129 χ^2/NDF : 1632437.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.535+/-0.087 χ^2/NDF : 3281761.7/27

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.160+/-461.461 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

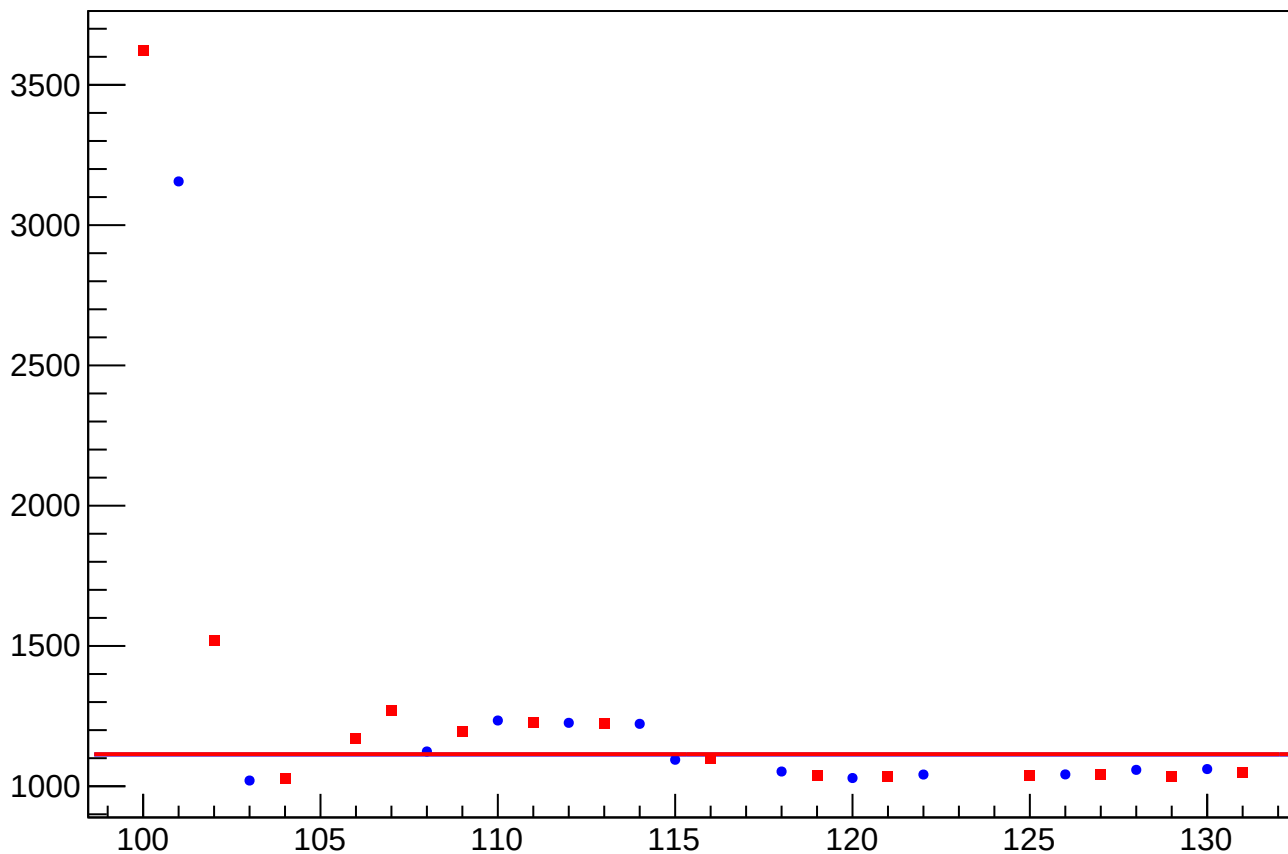
Right: 198.459+/-335.094 χ^2/NDF : 28.7/27

In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.459+/-335.094 χ^2/NDF : 28.7/27

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.271+/-0.326 χ^2/NDF : 201580.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

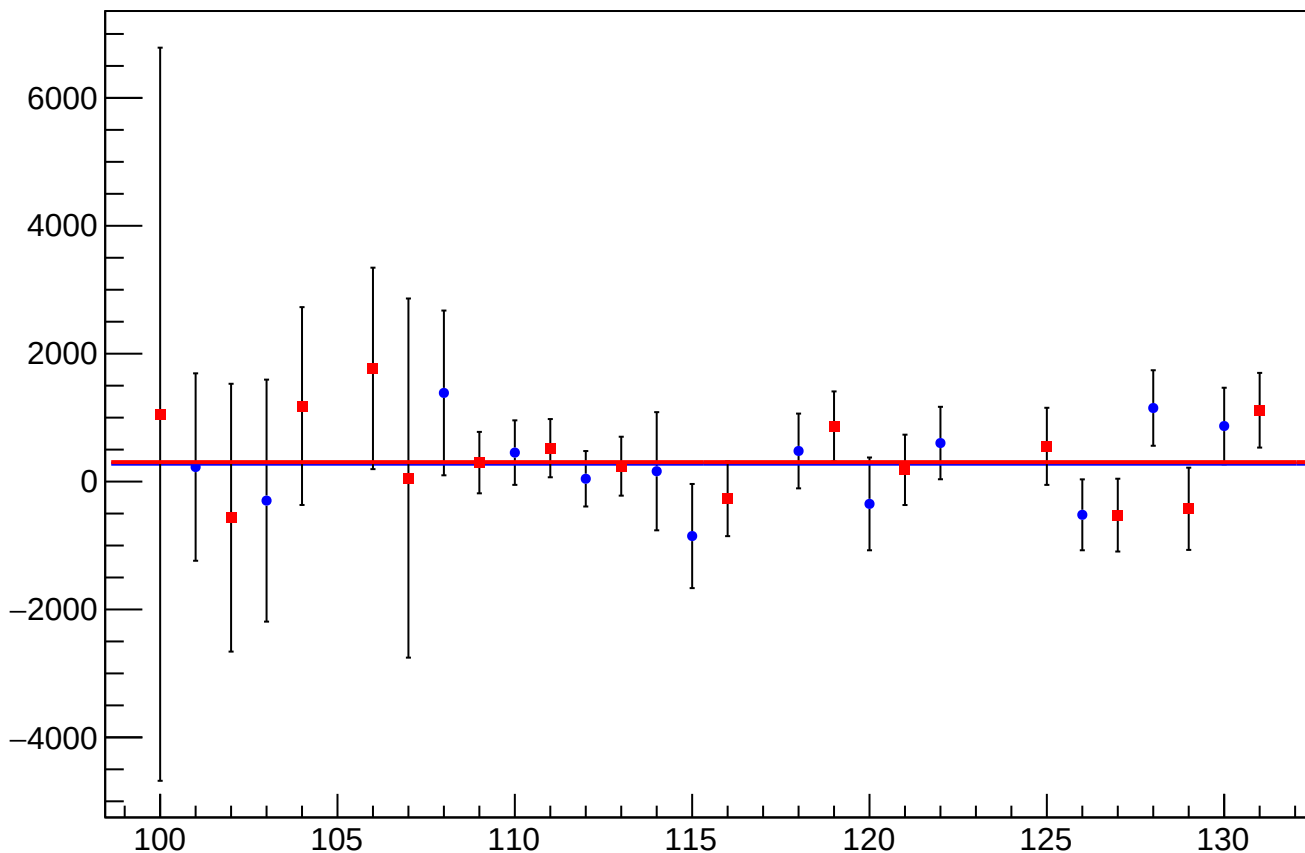
Right: 1113.709+/-0.237 χ^2/NDF : 799521.4/27

In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.709+/-0.237 χ^2/NDF : 799521.4/27

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.256+/-167.060 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

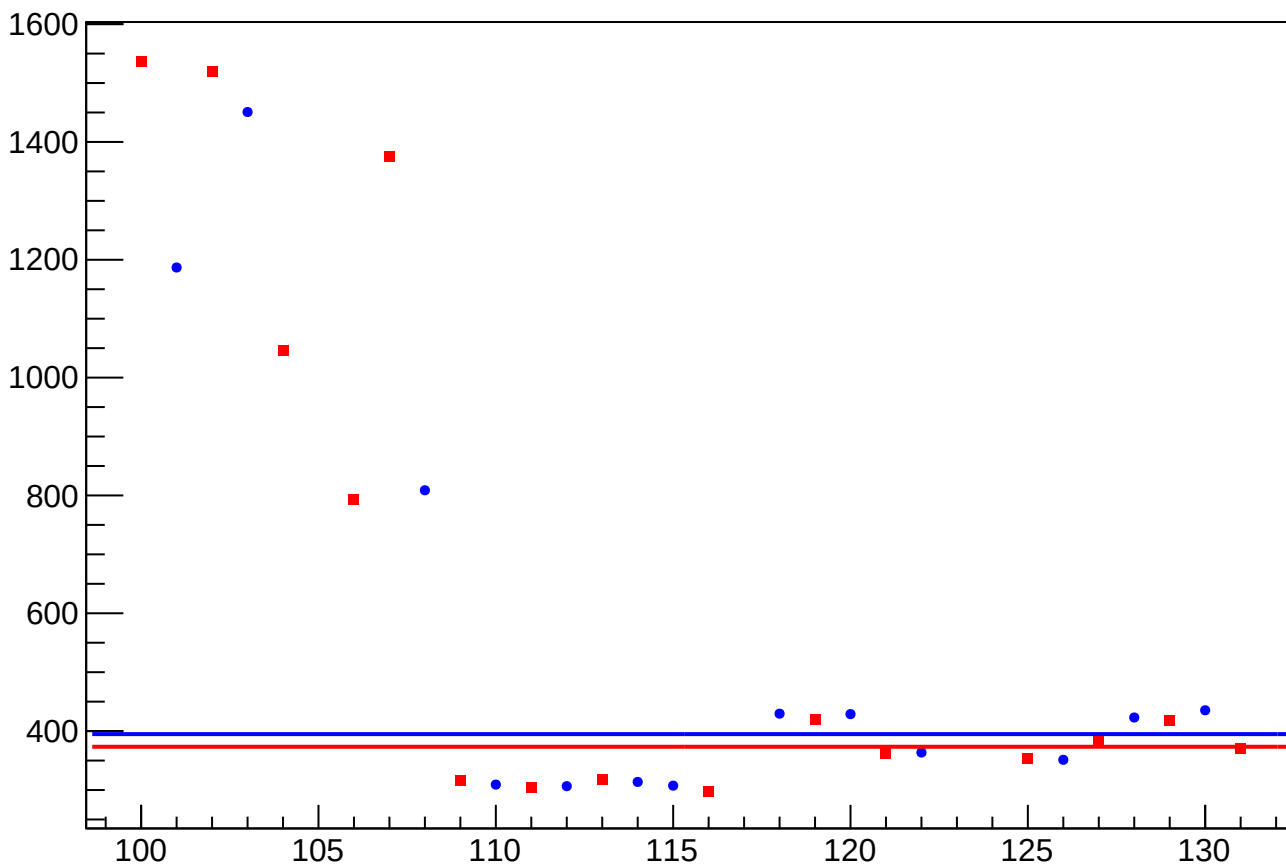
Right: 293.034+/-123.131 χ^2/NDF : 18.8/27

In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.034+/-123.131 χ^2/NDF : 18.8/27

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.438+/-0.118 χ^2/NDF : 1622105.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

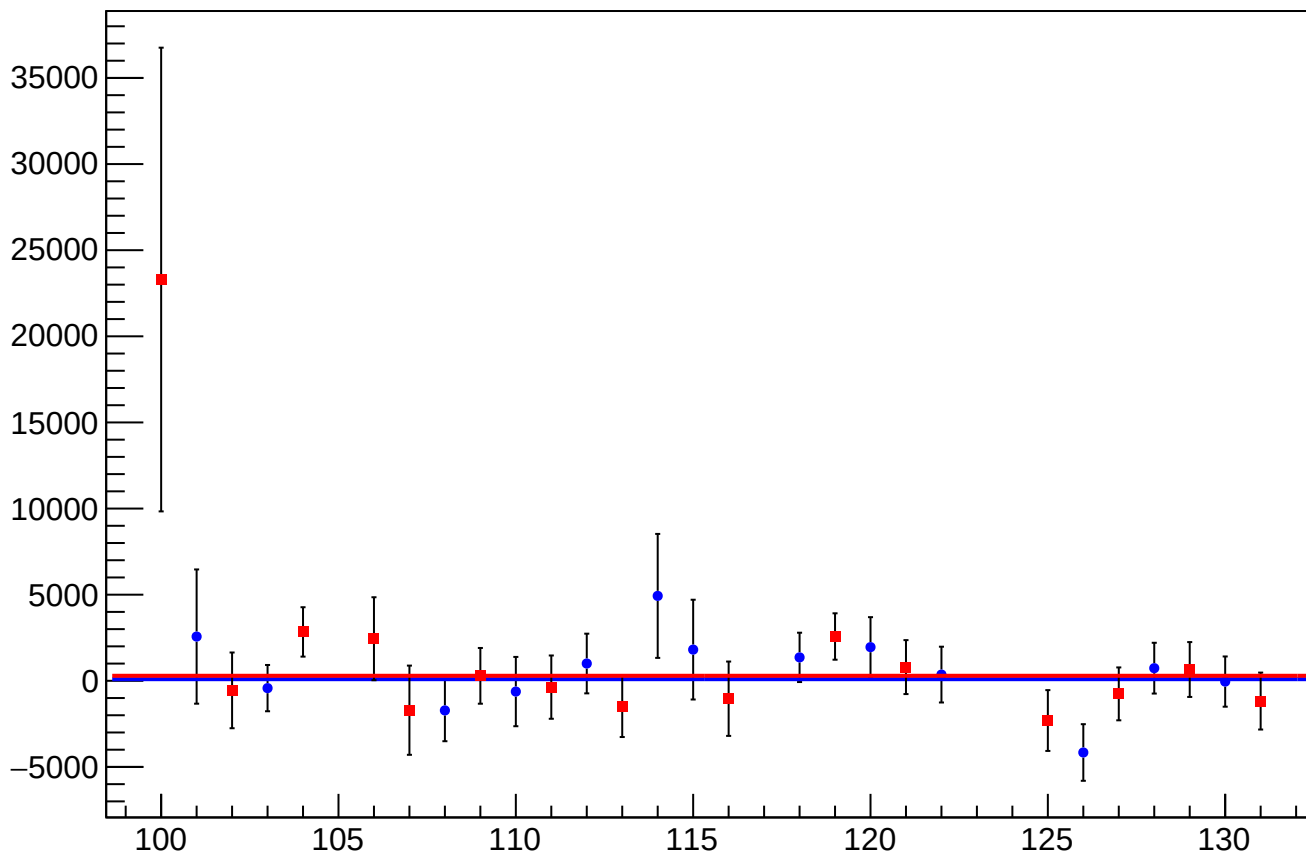
Right: 383.242+/-0.087 χ^2/NDF : 3273292.1/27

In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.242+/-0.087 χ^2/NDF : 3273292.1/27

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.160+/-461.461 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

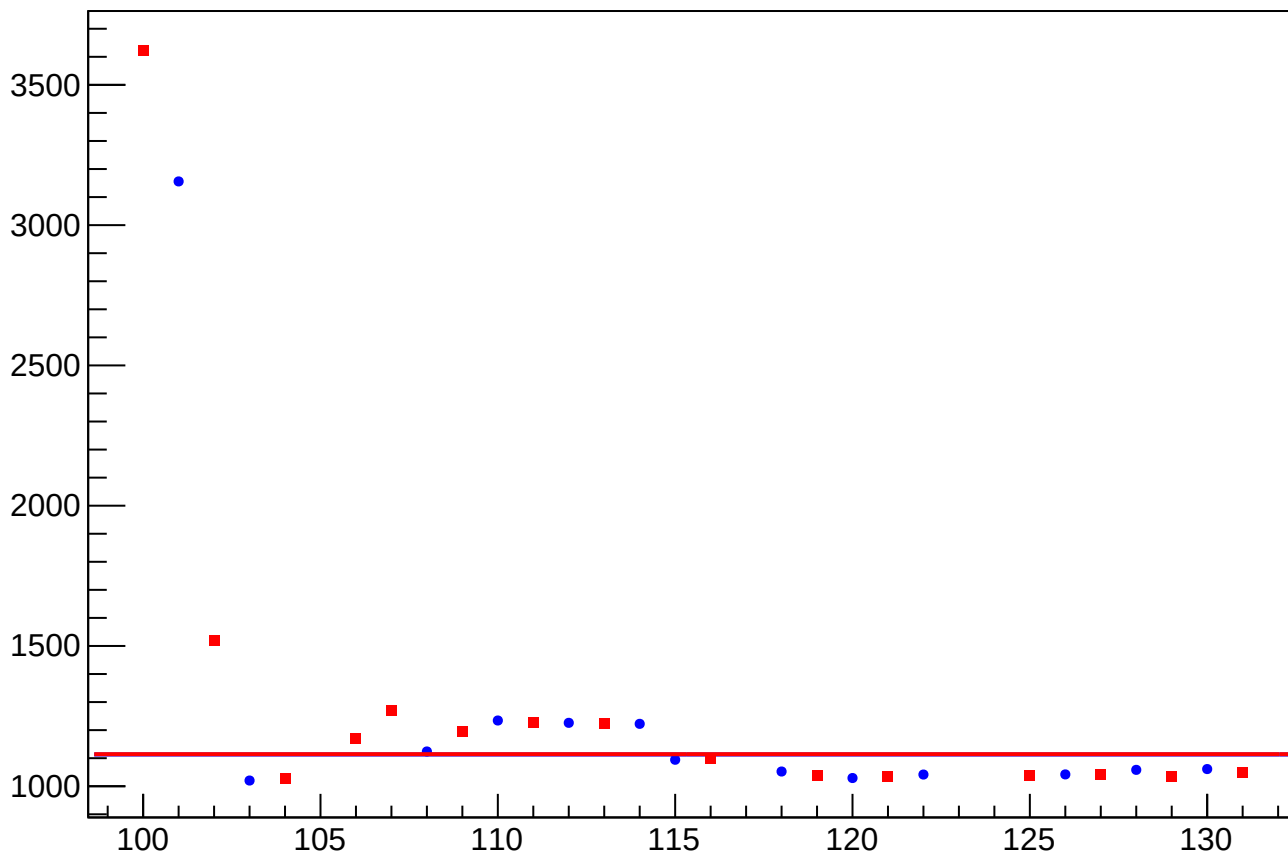
Right: 198.459+/-335.094 χ^2/NDF : 28.7/27

In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.459+/-335.094 χ^2/NDF : 28.7/27

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.271+/-0.326 χ^2/NDF : 201580.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

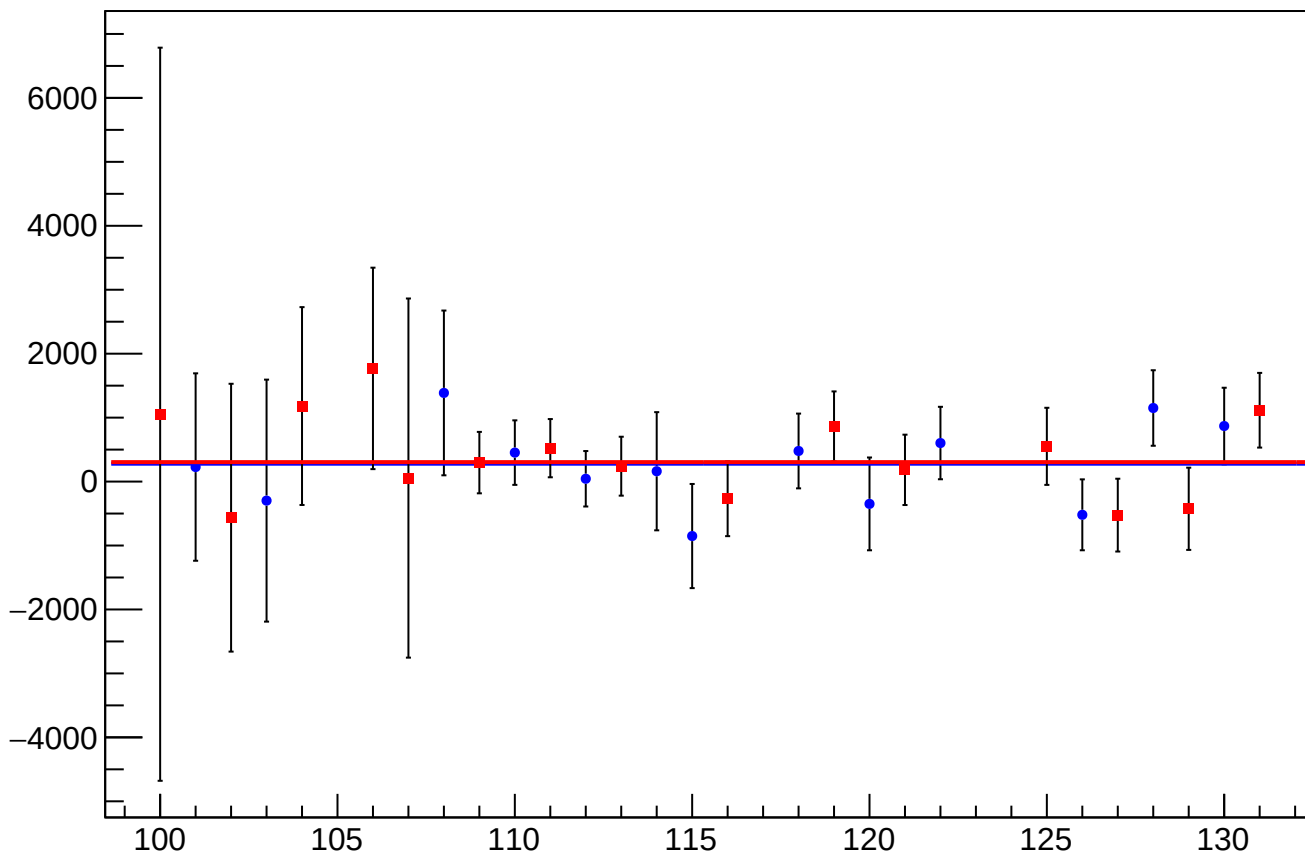
Right: 1113.709+/-0.237 χ^2/NDF : 799521.4/27

In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.709+/-0.237 χ^2/NDF : 799521.4/27

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.256+/-167.060 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

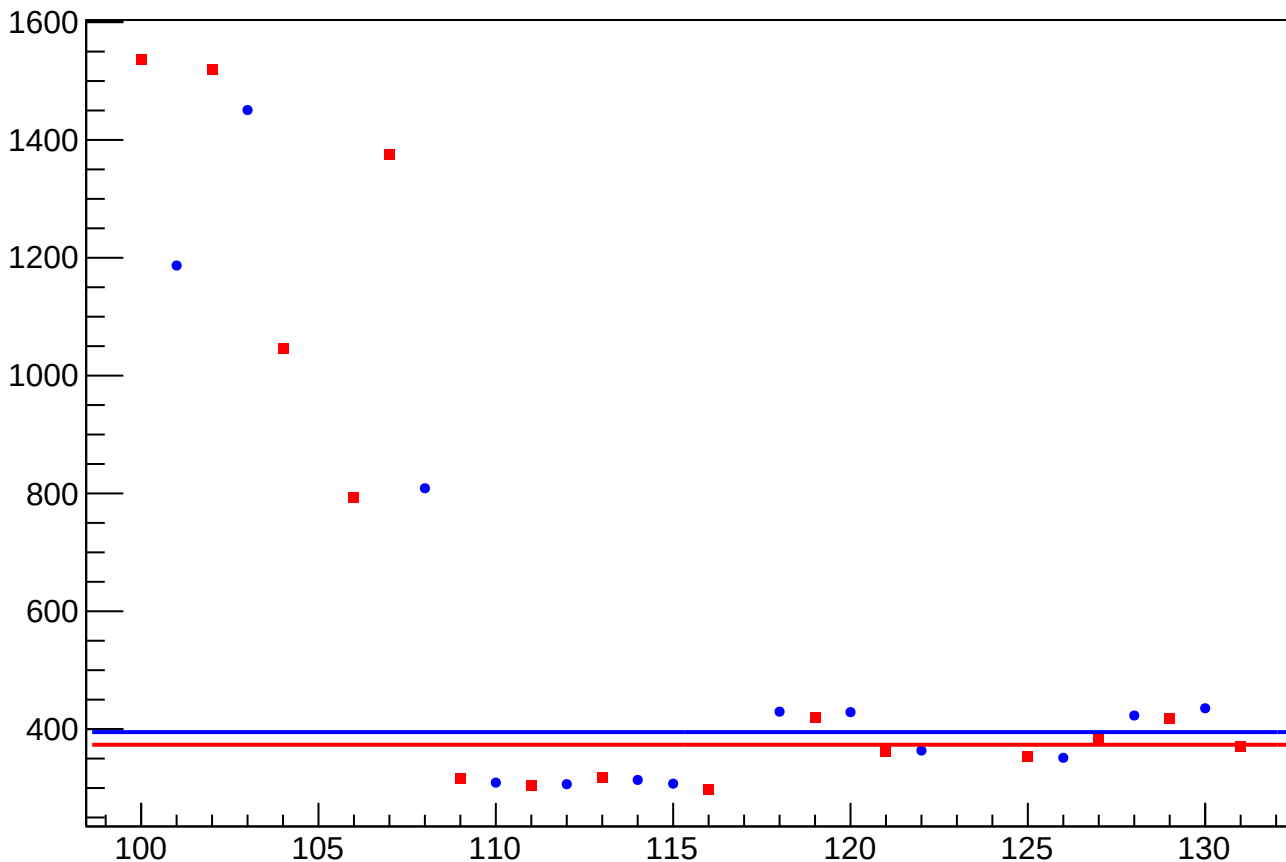
Right: 293.034+/-123.131 χ^2/NDF : 18.8/27

In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.034+/-123.131 χ^2/NDF : 18.8/27

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.438+/-0.118 χ^2/NDF : 1622105.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

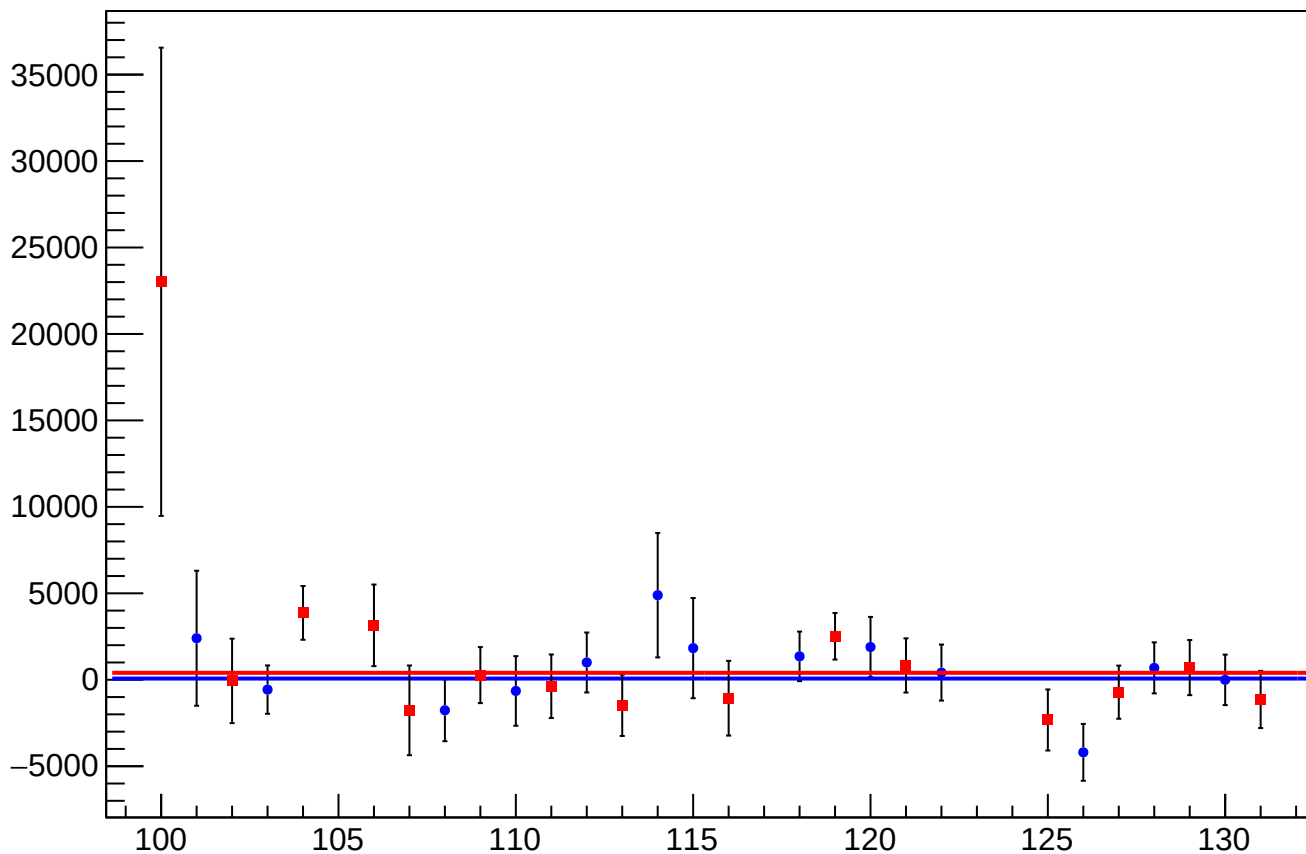
Right: 383.242+/-0.087 χ^2/NDF : 3273292.1/27

In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.242+/-0.087 χ^2/NDF : 3273292.1/27

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 69.728+/-490.191 χ^2 /NDF: 13.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 402.409+/-466.940 χ^2 /NDF: 18.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

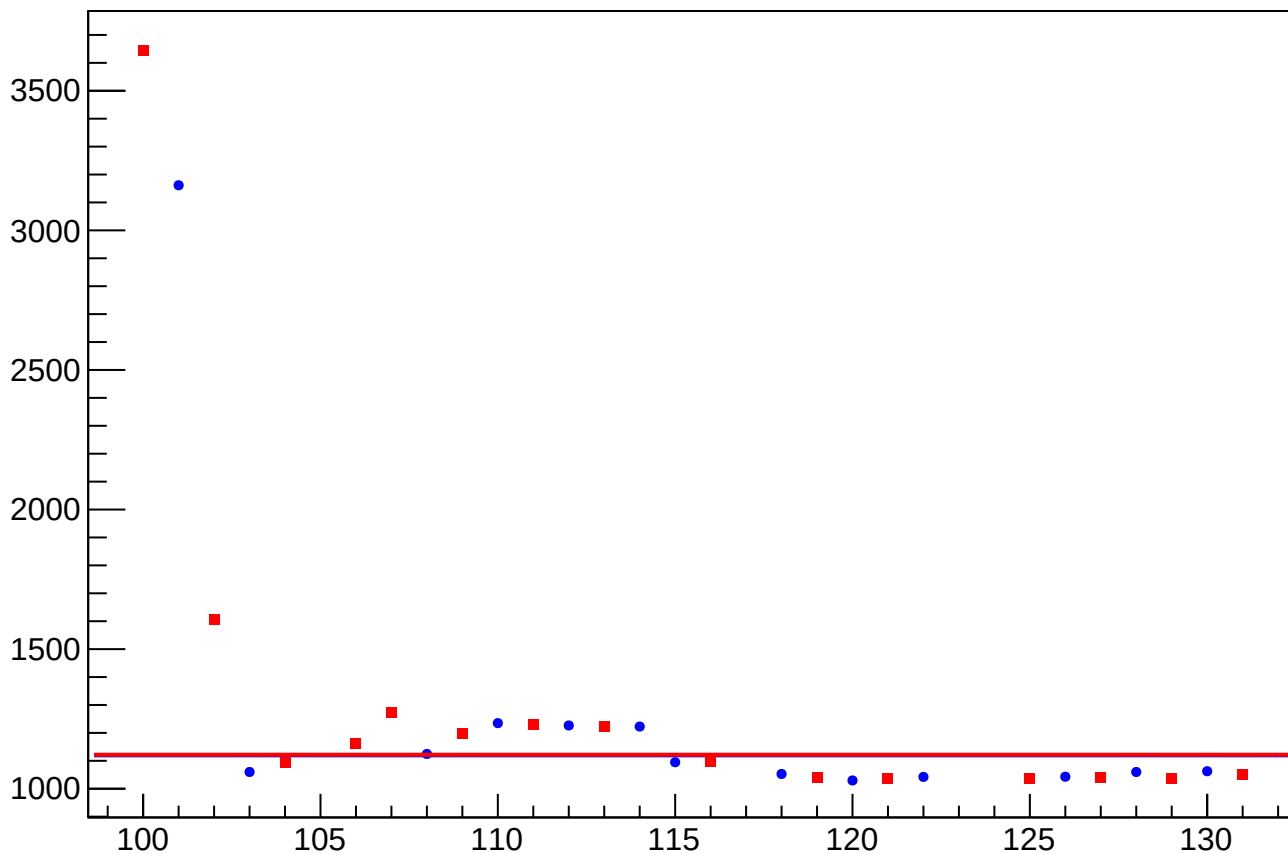
Right: 244.145+/-338.097 χ^2 /NDF: 31.3/27

In: 69.728+/-490.191 χ^2 /NDF:13.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 244.145+/-338.097 χ^2 /NDF: 31.3/27

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.846+/-0.330 χ^2/NDF : 207128.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

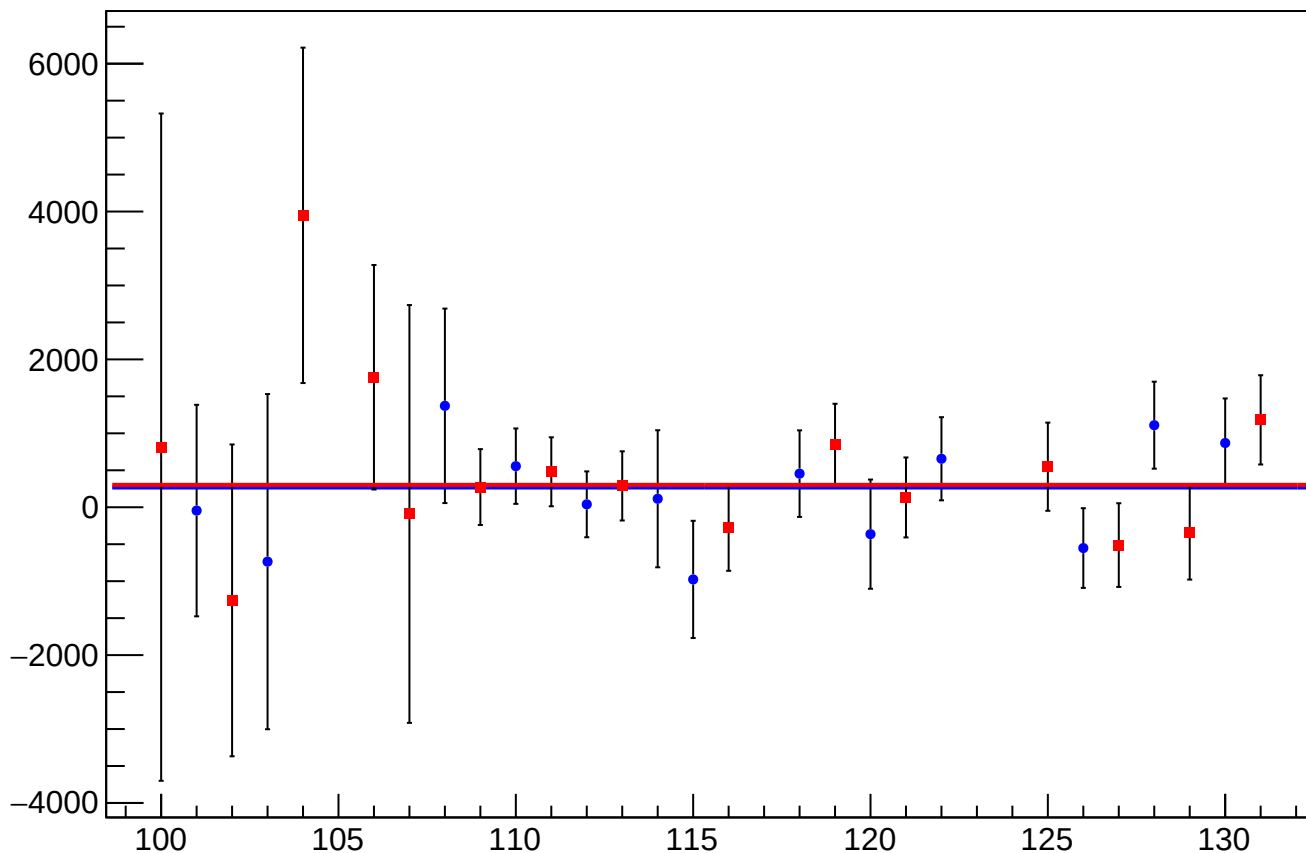
Right: 1120.795+/-0.239 χ^2/NDF : 798717.0/27

In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.795+/-0.239 χ^2/NDF : 798717.0/27

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.901+/-182.898 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.209+/-169.522 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

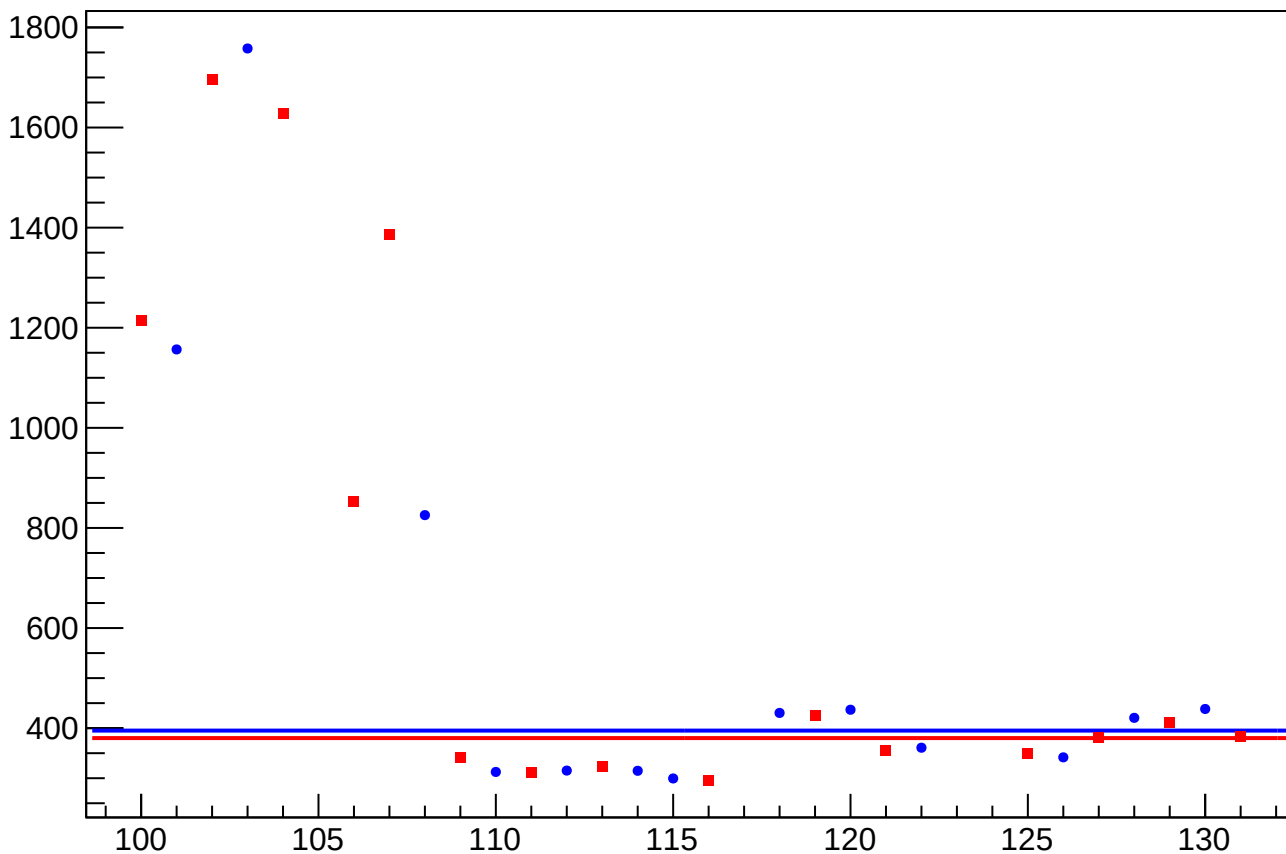
Right: 286.432+/-124.330 χ^2/NDF : 22.4/27

In: 266.901+/-182.898 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.432+/-124.330 χ^2/NDF : 22.4/27

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 395.141+/-0.129 χ^2/NDF : 1719234.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.166+/-0.120 χ^2/NDF : 2052830.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

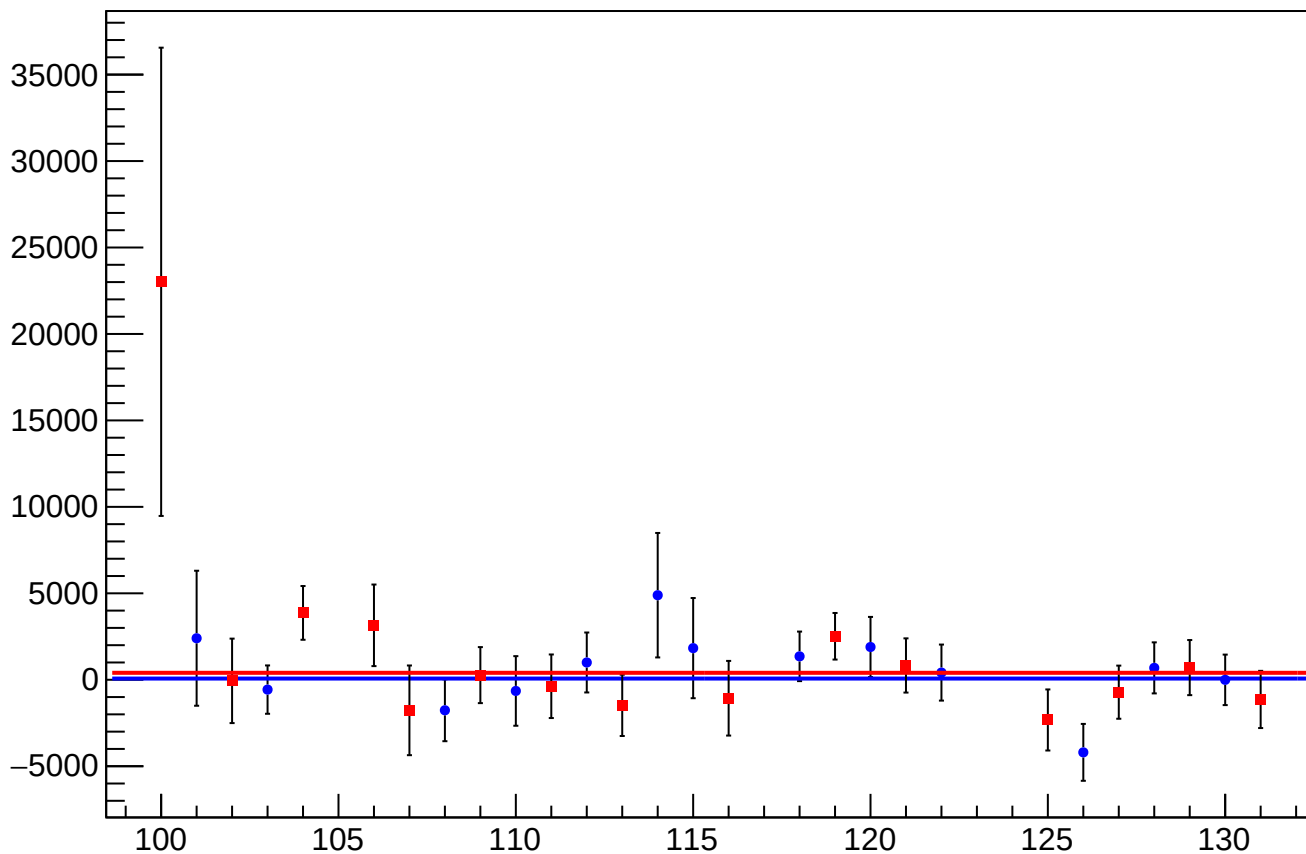
Right: 387.086+/-0.088 χ^2/NDF : 3779276.5/27

In: 395.141+/-0.129 χ^2/NDF : 1719234.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.086+/-0.088 χ^2/NDF : 3779276.5/27

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 69.725+/-490.191 χ^2 /NDF: 13.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 402.409+/-466.940 χ^2 /NDF: 18.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

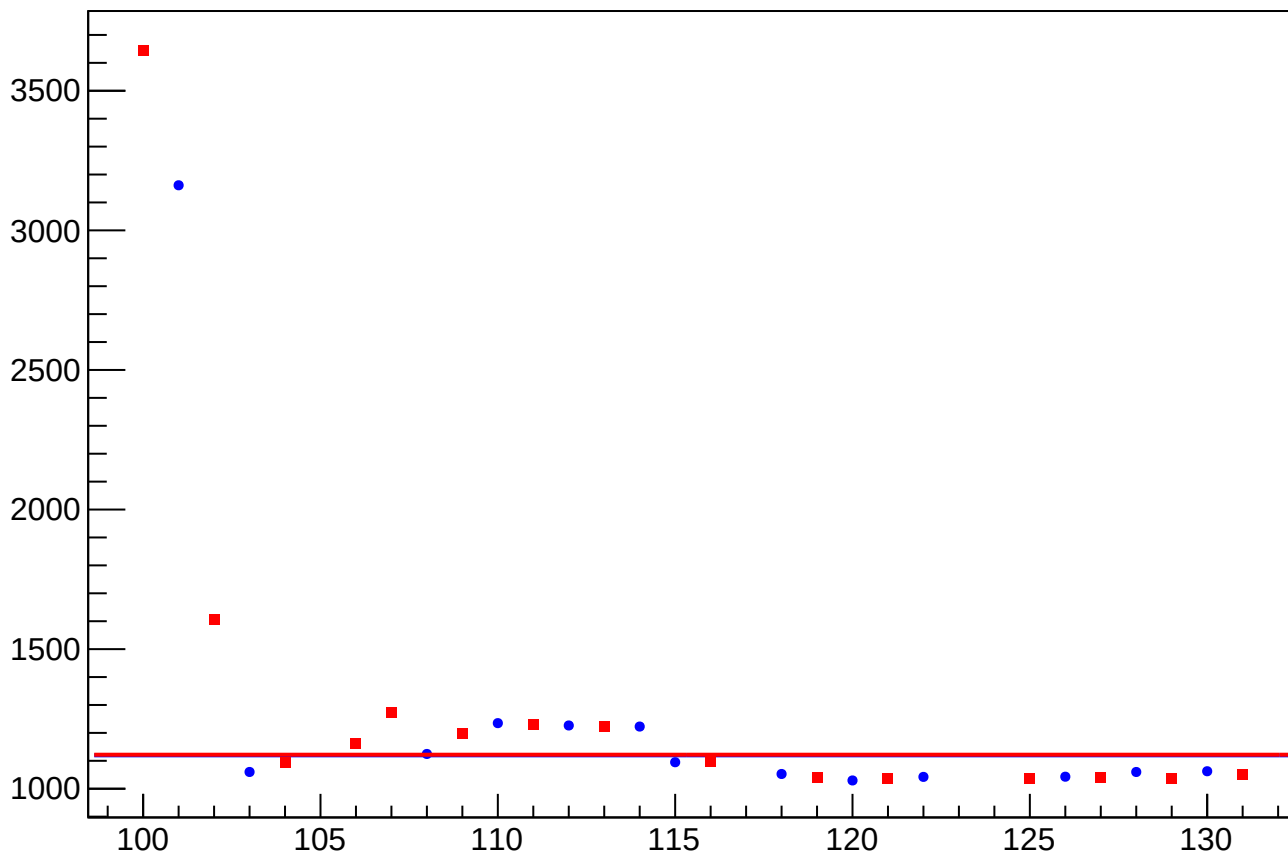
Right: 244.144+/-338.097 χ^2 /NDF: 31.3/27

In: 69.725+/-490.191 χ^2 /NDF:13.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 244.144+/-338.097 χ^2 /NDF: 31.3/27

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.846+/-0.330 χ^2/NDF : 207128.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

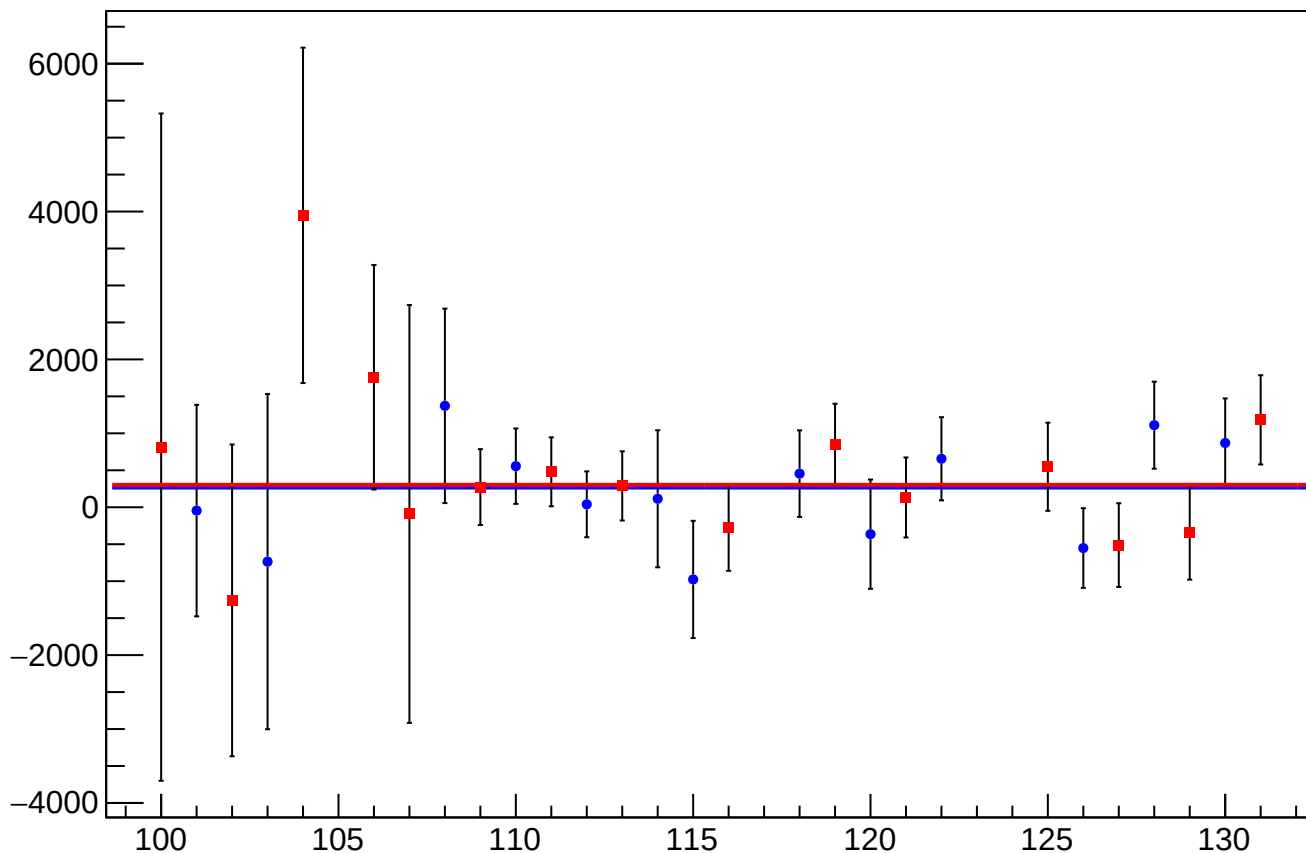
Right: 1120.795+/-0.239 χ^2/NDF : 798717.1/27

In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.795+/-0.239 χ^2/NDF : 798717.1/27

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.897 $\pm$ 182.898 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 303.208 $\pm$ 169.521 χ^2 /NDF: 11.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

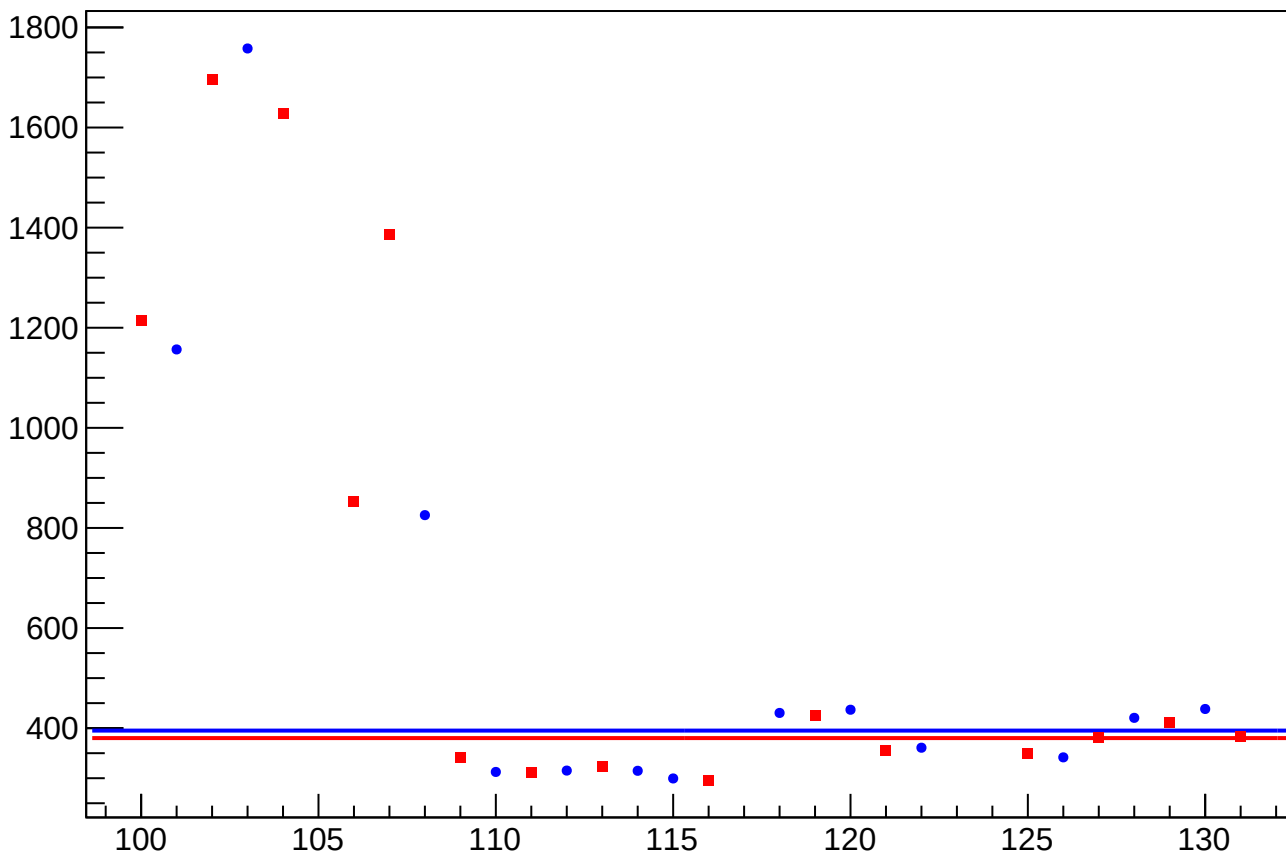
Right: 286.429 $\pm$ 124.330 χ^2 /NDF: 22.4/27

In: 266.897 $\pm$ 182.898 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 286.429 $\pm$ 124.330 χ^2 /NDF: 22.4/27

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 395.139+/-0.129 χ^2/NDF : 1719235.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.164+/-0.120 χ^2/NDF : 2052841.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

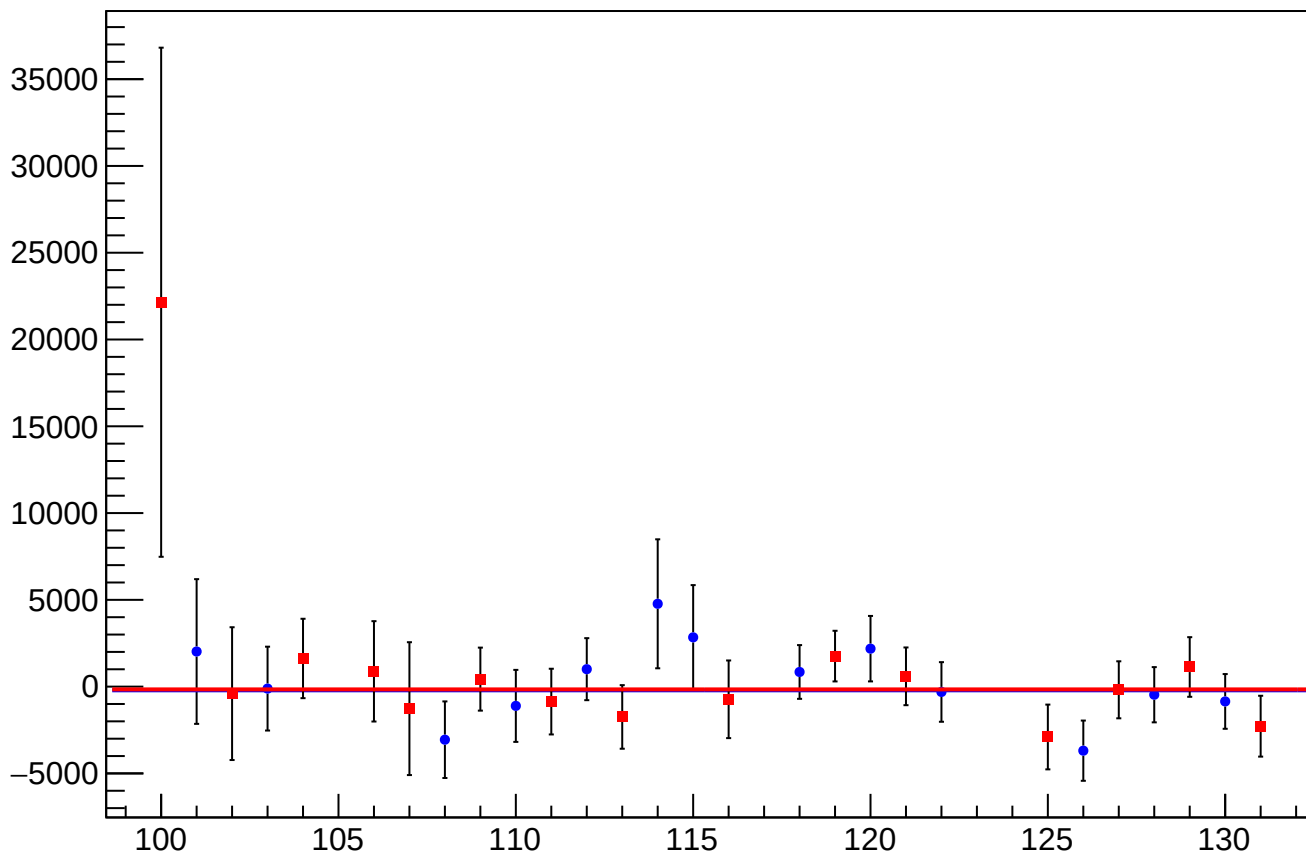
Right: 387.084+/-0.088 χ^2/NDF : 3779288.5/27

In: 395.139+/-0.129 χ^2/NDF : 1719235.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.084+/-0.088 χ^2/NDF : 3779288.5/27

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -211.590+/-548.047 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -159.859+/-520.844 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

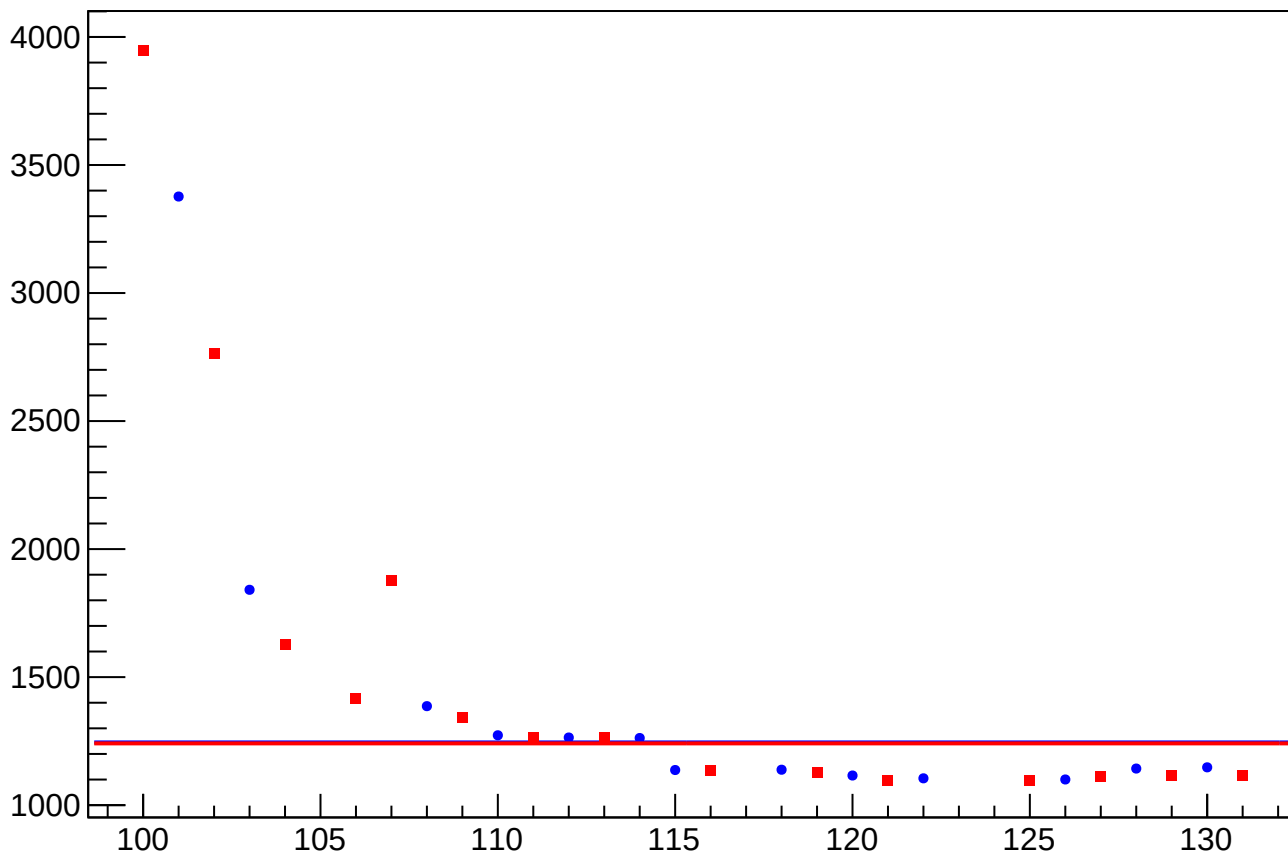
Right: -184.409+/-377.543 χ^2/NDF : 22.1/27

In: -211.590+/-548.047 χ^2/NDF :11.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -184.409+/-377.543 χ^2/NDF : 22.1/27

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1244.960+/-0.388 χ^2/NDF : 718160.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1241.205+/-0.368 χ^2/NDF : 588820.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

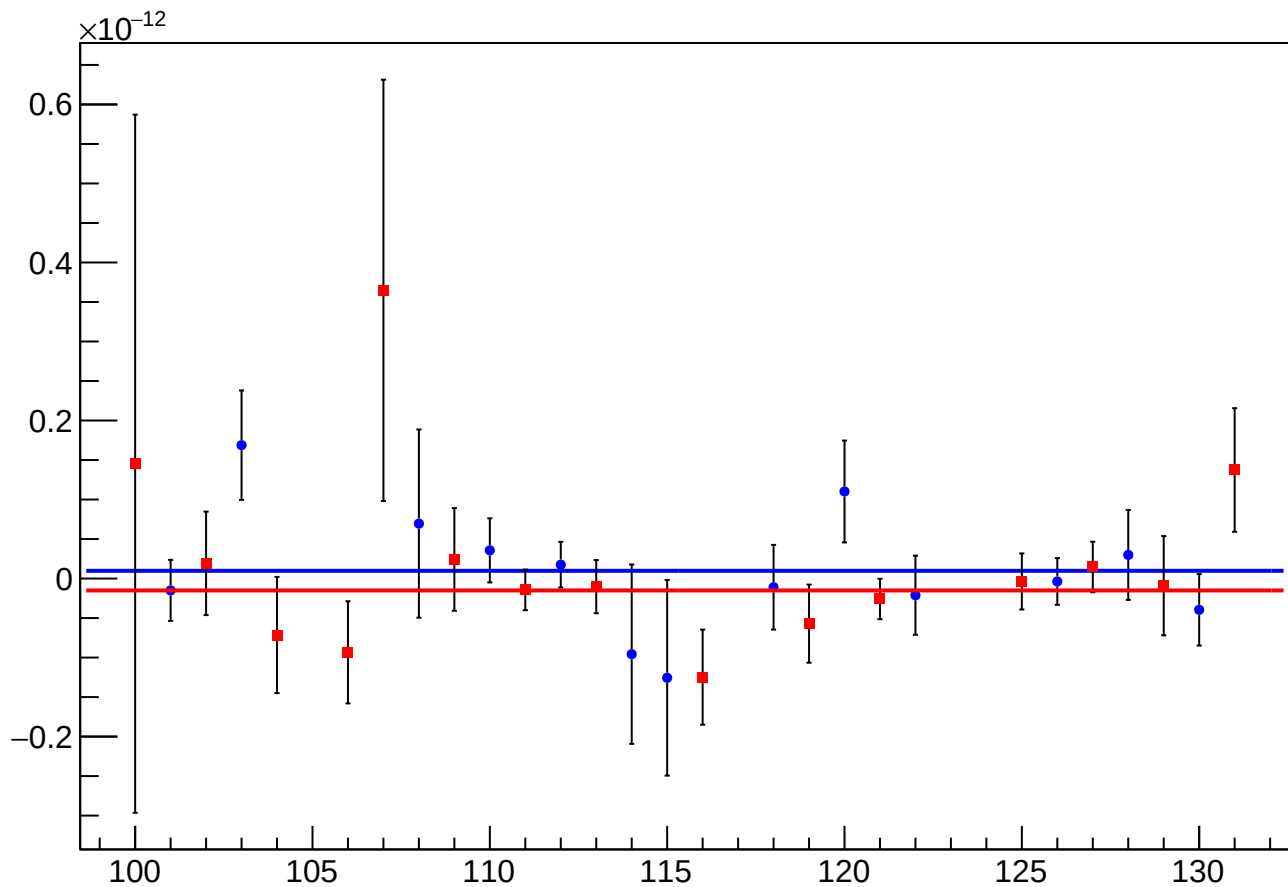
Right: 1242.987+/-0.267 χ^2/NDF : 1307029.6/27

In: 1244.960+/-0.388 χ^2/NDF : 718160.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1242.987+/-0.267 χ^2/NDF : 1307029.6/27

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

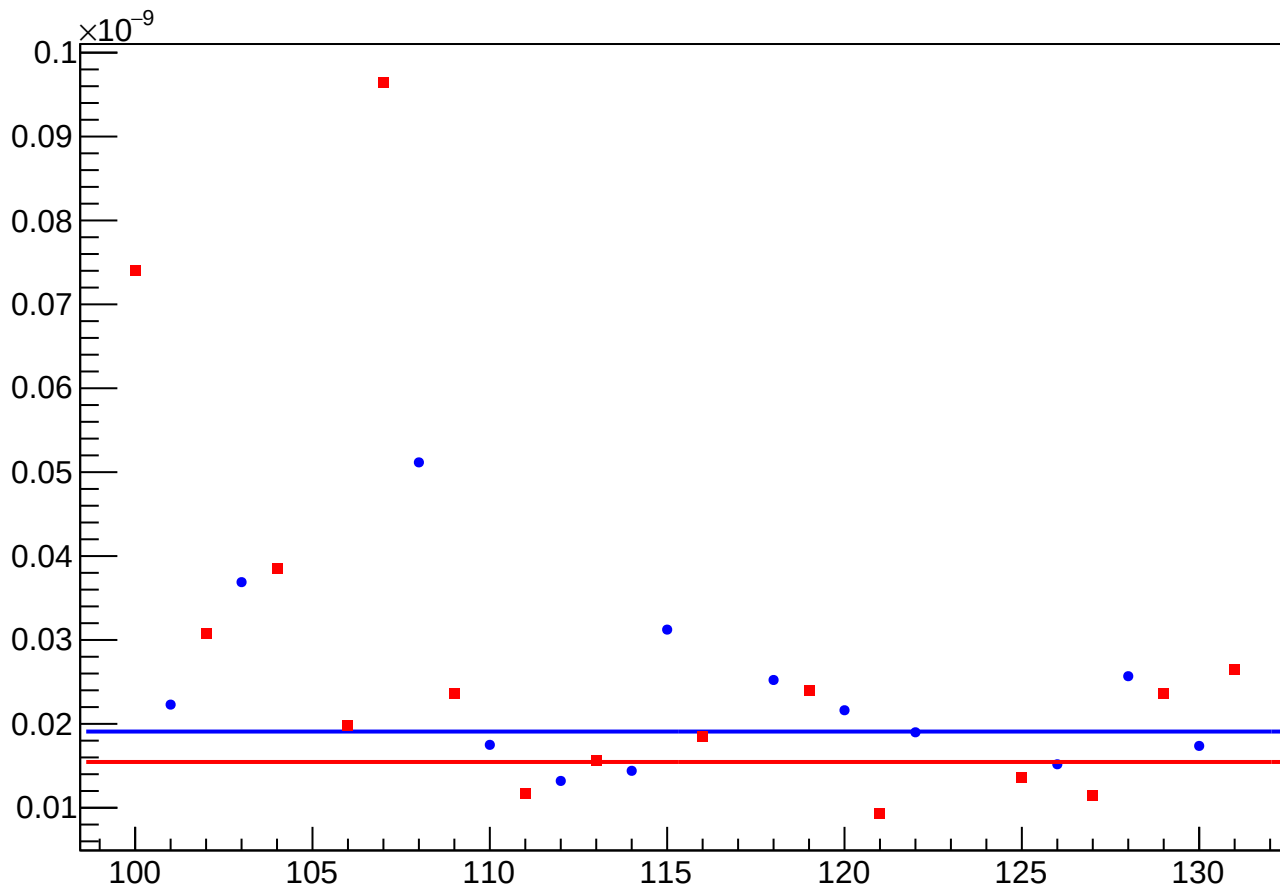
Right: -0.000+/-0.000 χ^2/NDF : 28.9/27

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.9/27

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 493817.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 902627.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

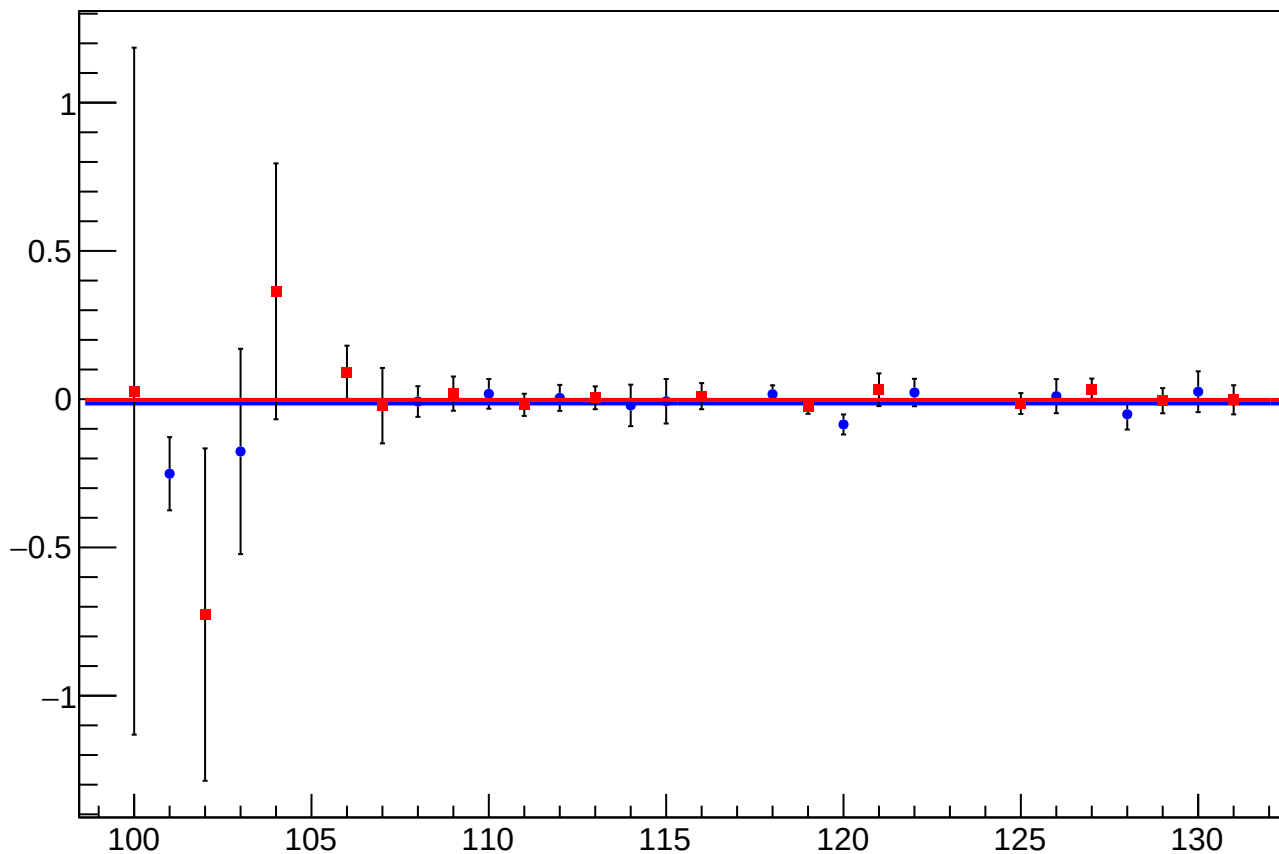
Right: 0.000+/-0.000 χ^2/NDF : 1483758.0/27

In: 0.000+/-0.000 χ^2/NDF : 493817.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1483758.0/27

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

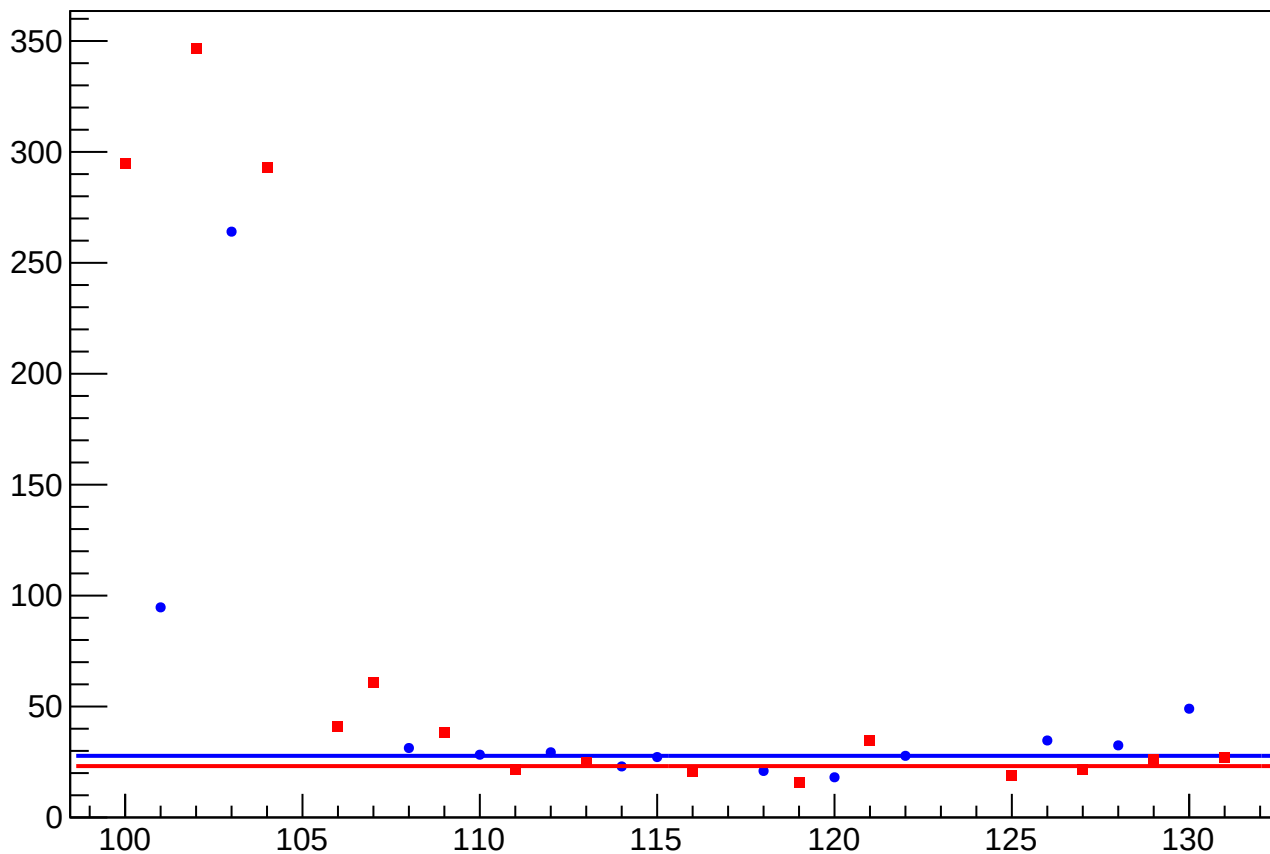
Right: -0.007 ± 0.009 χ^2/NDF : 18.4/27

In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.009 χ^2/NDF : 18.4/27

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.153+/-0.008 χ^2/NDF : 2307595.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

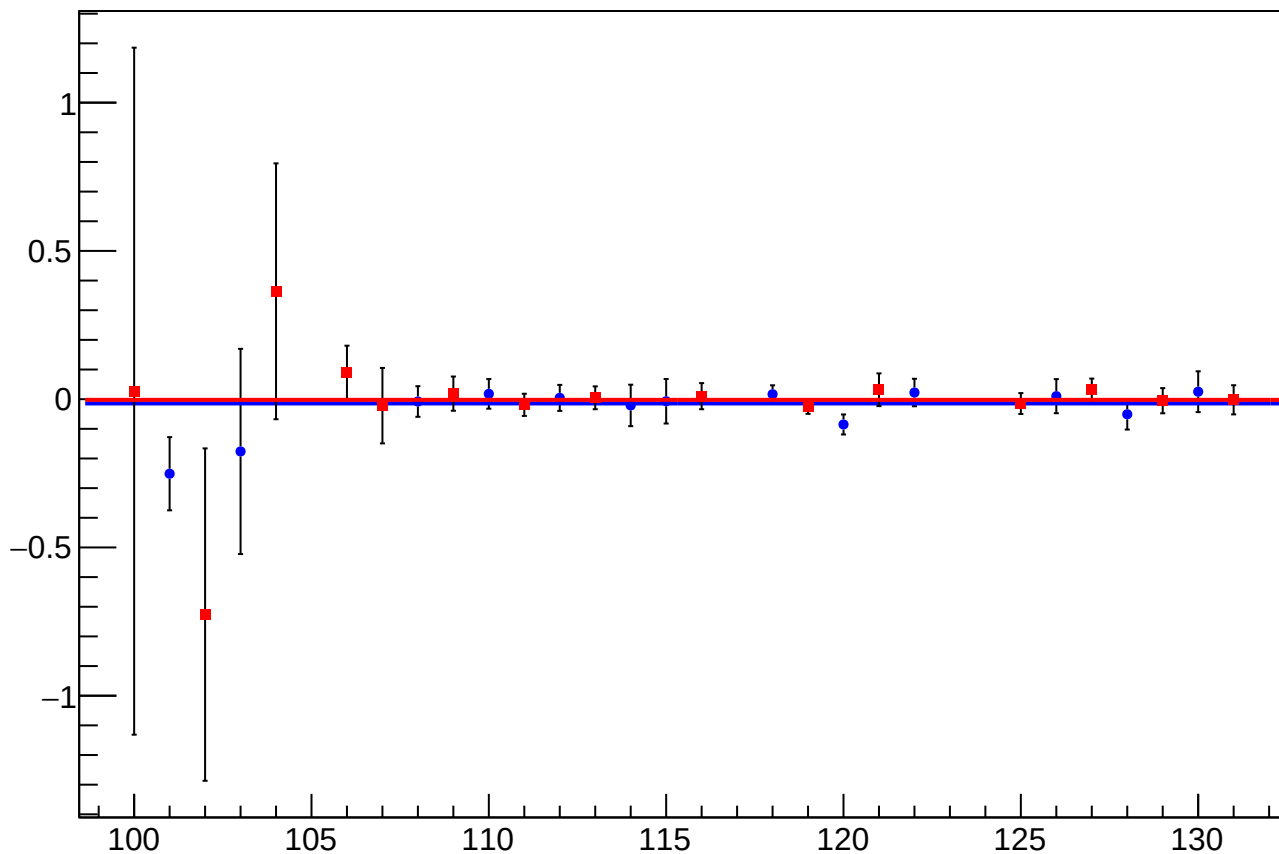
Right: 25.102+/-0.006 χ^2/NDF : 4477942.4/27

In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.102+/-0.006 χ^2/NDF : 4477942.4/27

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

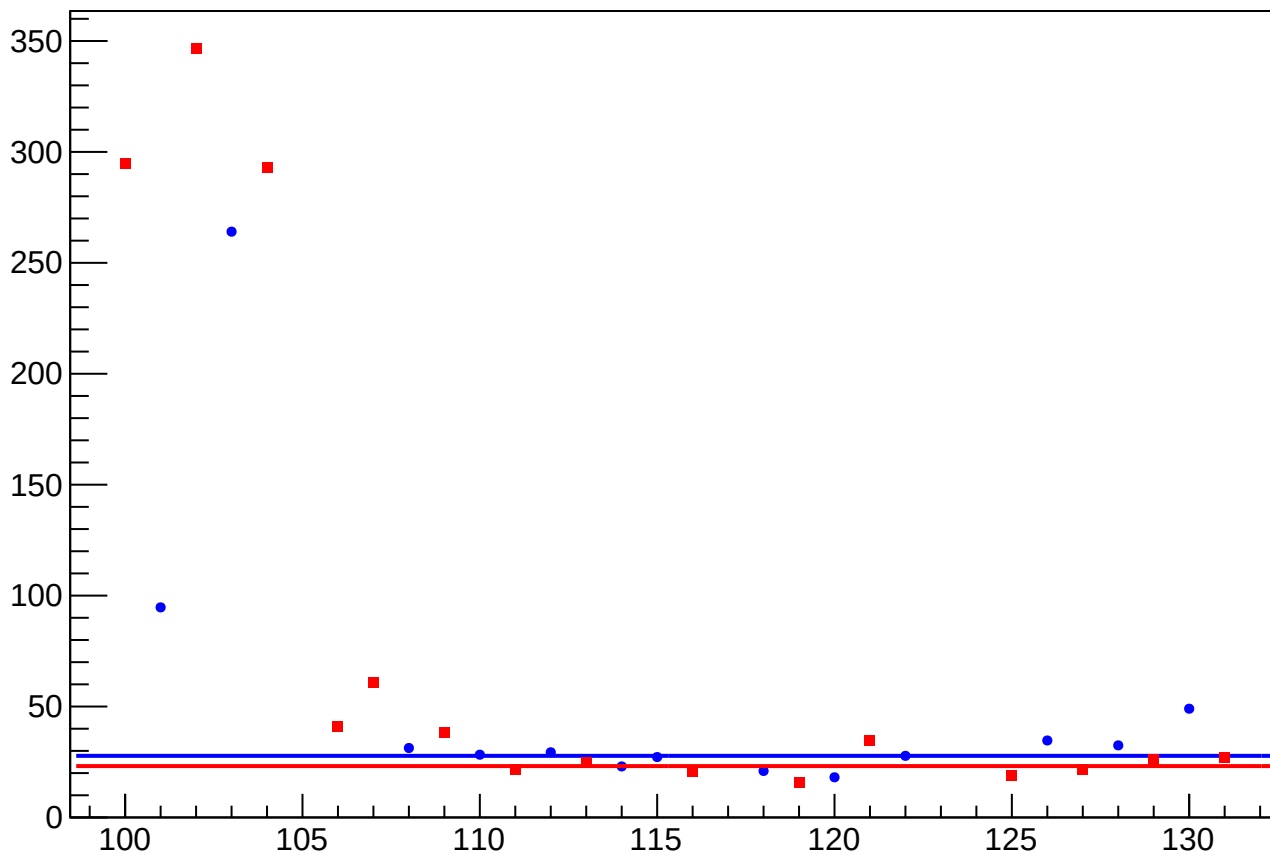
Right: -0.007 ± 0.009 χ^2/NDF : 18.4/27

In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.009 χ^2/NDF : 18.4/27

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.153+/-0.008 χ^2/NDF : 2307595.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

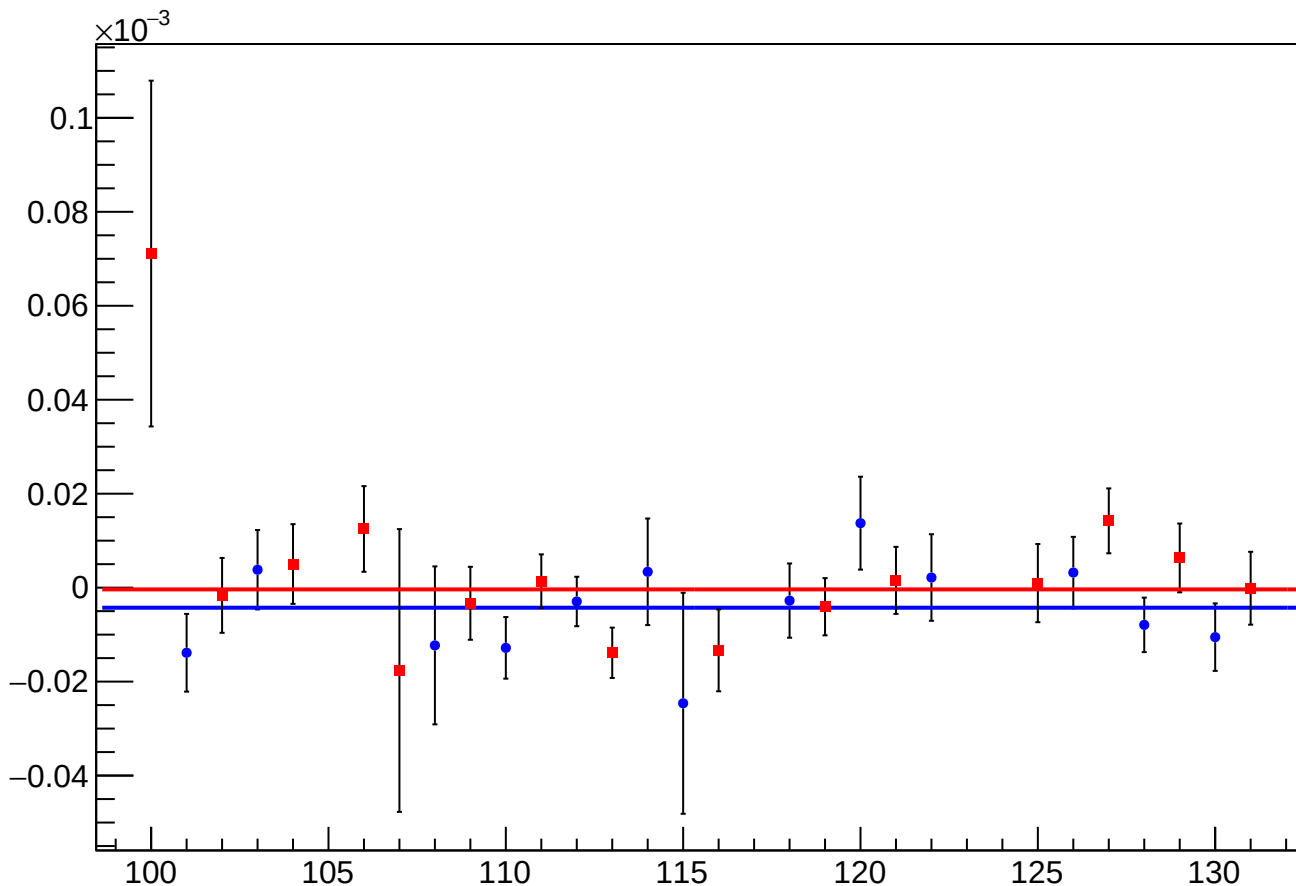
Right: 25.102+/-0.006 χ^2/NDF : 4477942.4/27

In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.102+/-0.006 χ^2/NDF : 4477942.4/27

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 : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

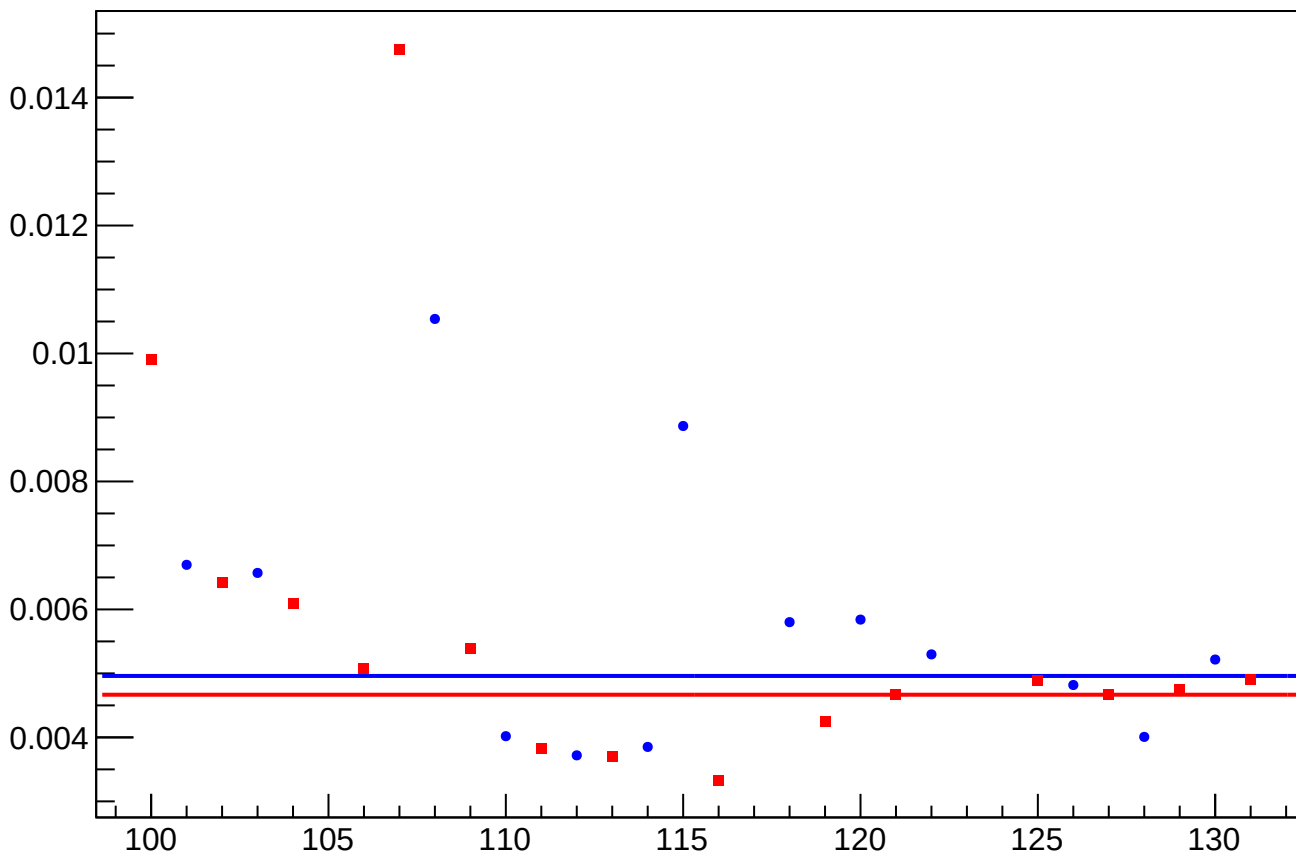
Right: -0.000+/-0.000 χ^2/NDF : 34.2/27

In: -0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/27

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 : 706370.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 609723.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

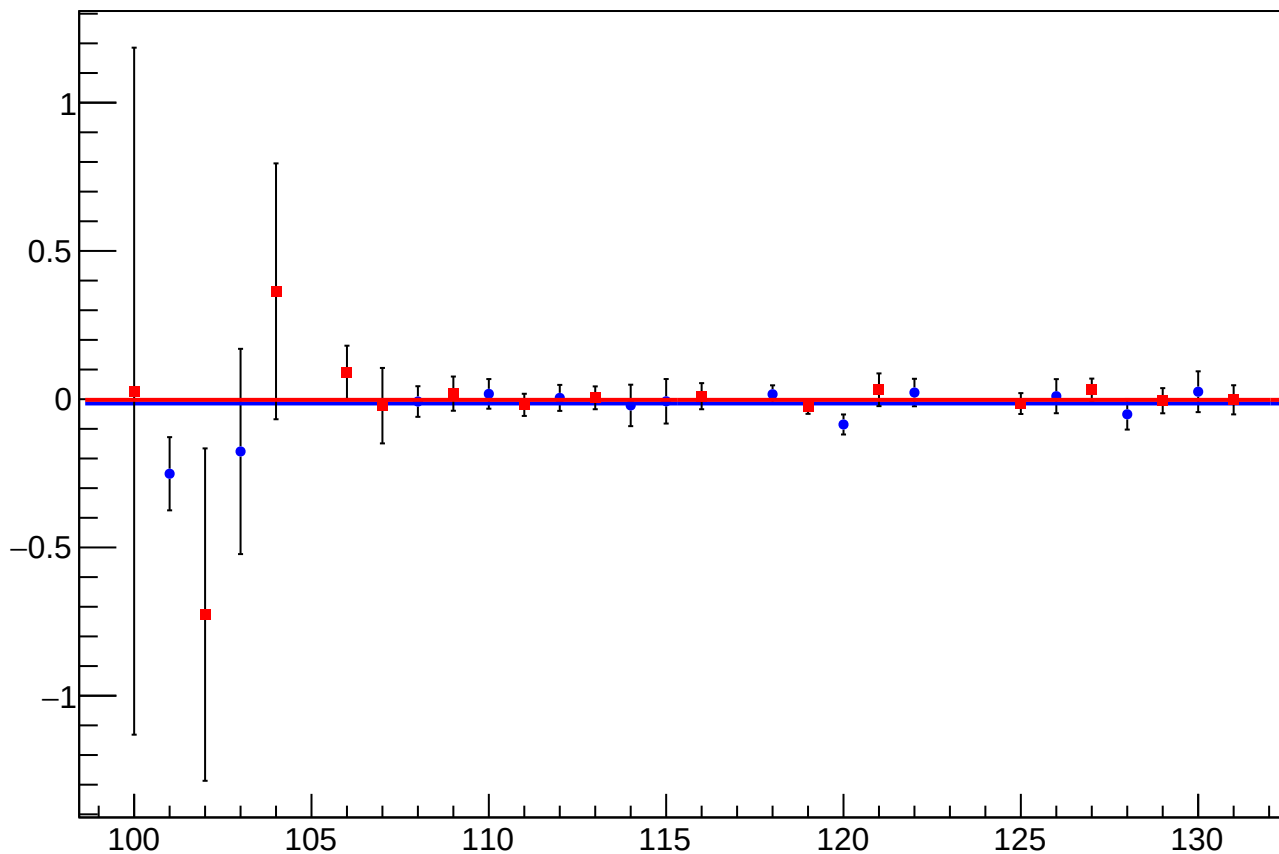
Right: 0.005+/-0.000 χ^2/NDF : 1335720.6/27

In: 0.005+/-0.000 χ^2/NDF :706370.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1335720.6/27

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

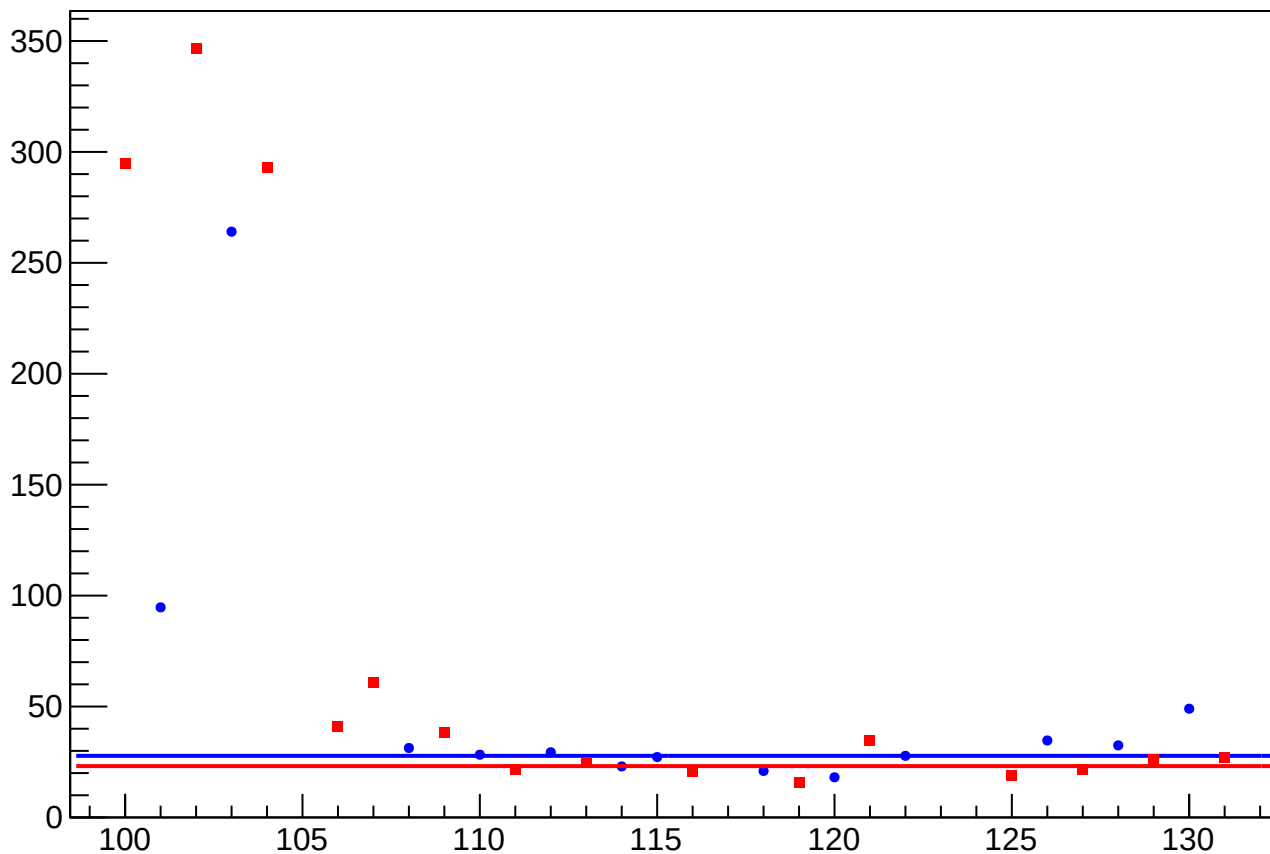
Right: -0.007 ± 0.009 χ^2/NDF : 18.4/27

In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.009 χ^2/NDF : 18.4/27

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.151+/-0.008 χ^2/NDF : 2307802.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

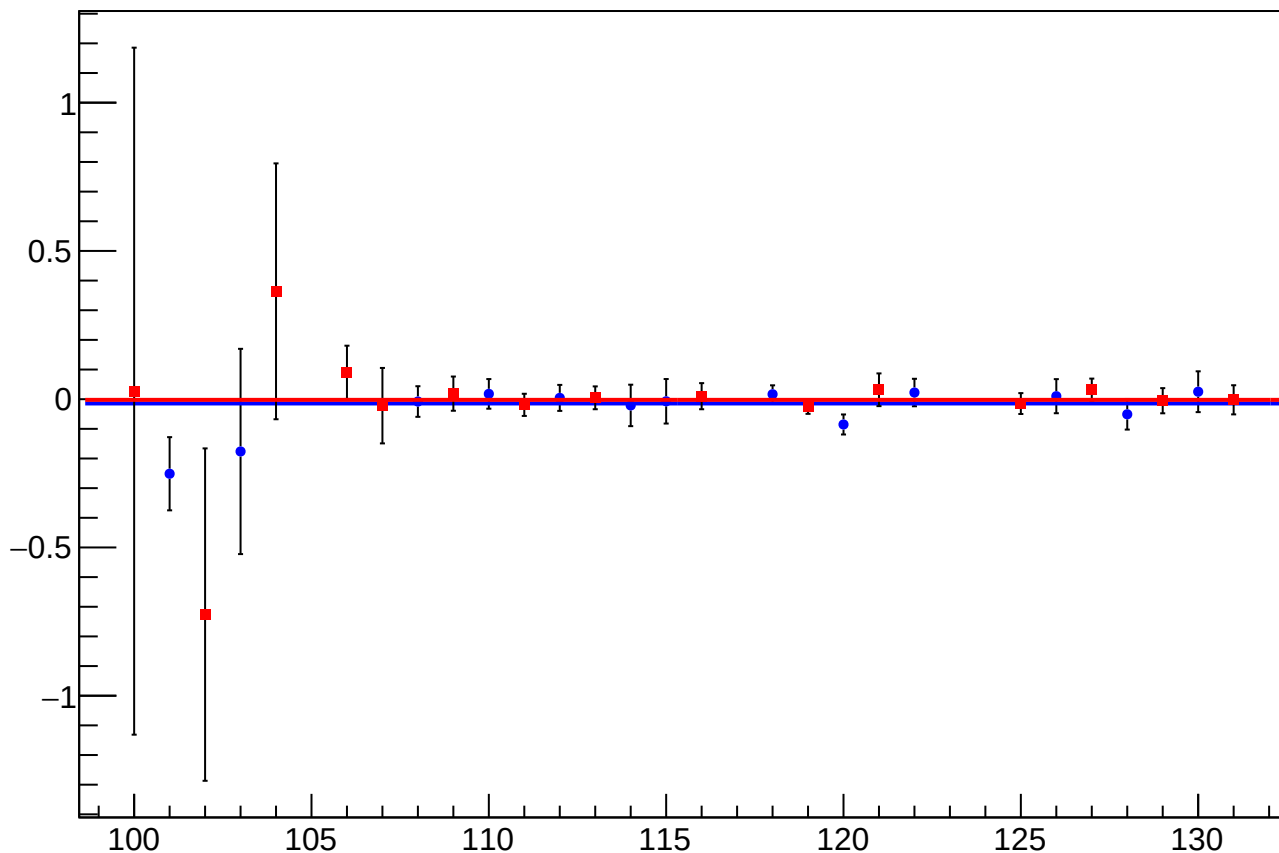
Right: 25.101+/-0.006 χ^2/NDF : 4478229.9/27

In: 27.773+/-0.010 χ^2/NDF :2044702.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.101+/-0.006 χ^2/NDF : 4478229.9/27

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.014 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.002+/-0.012 χ^2/NDF : 6.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

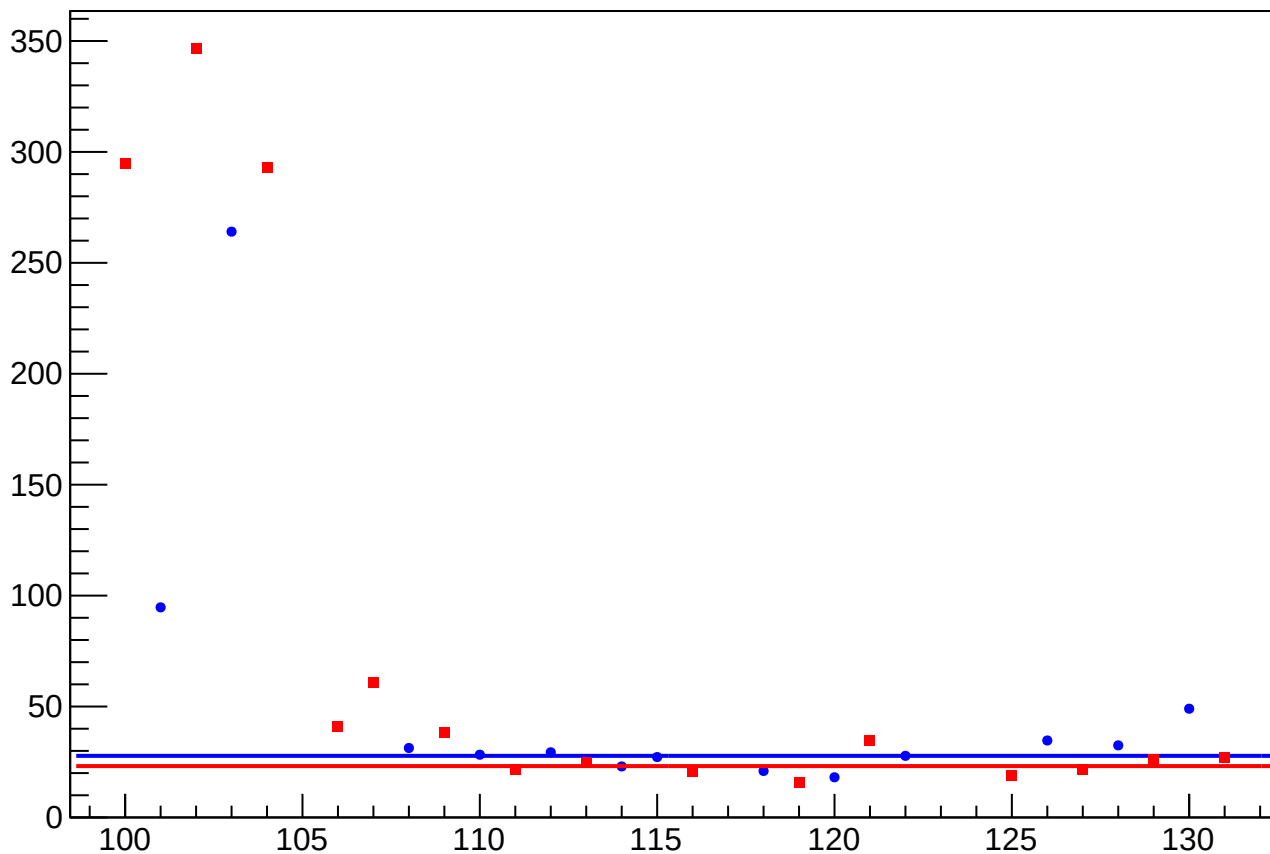
Right: -0.007+/-0.009 χ^2/NDF : 18.4/27

In: -0.014+/-0.014 χ^2/NDF :11.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.009 χ^2/NDF : 18.4/27

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.151+/-0.008 χ^2/NDF : 2307802.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

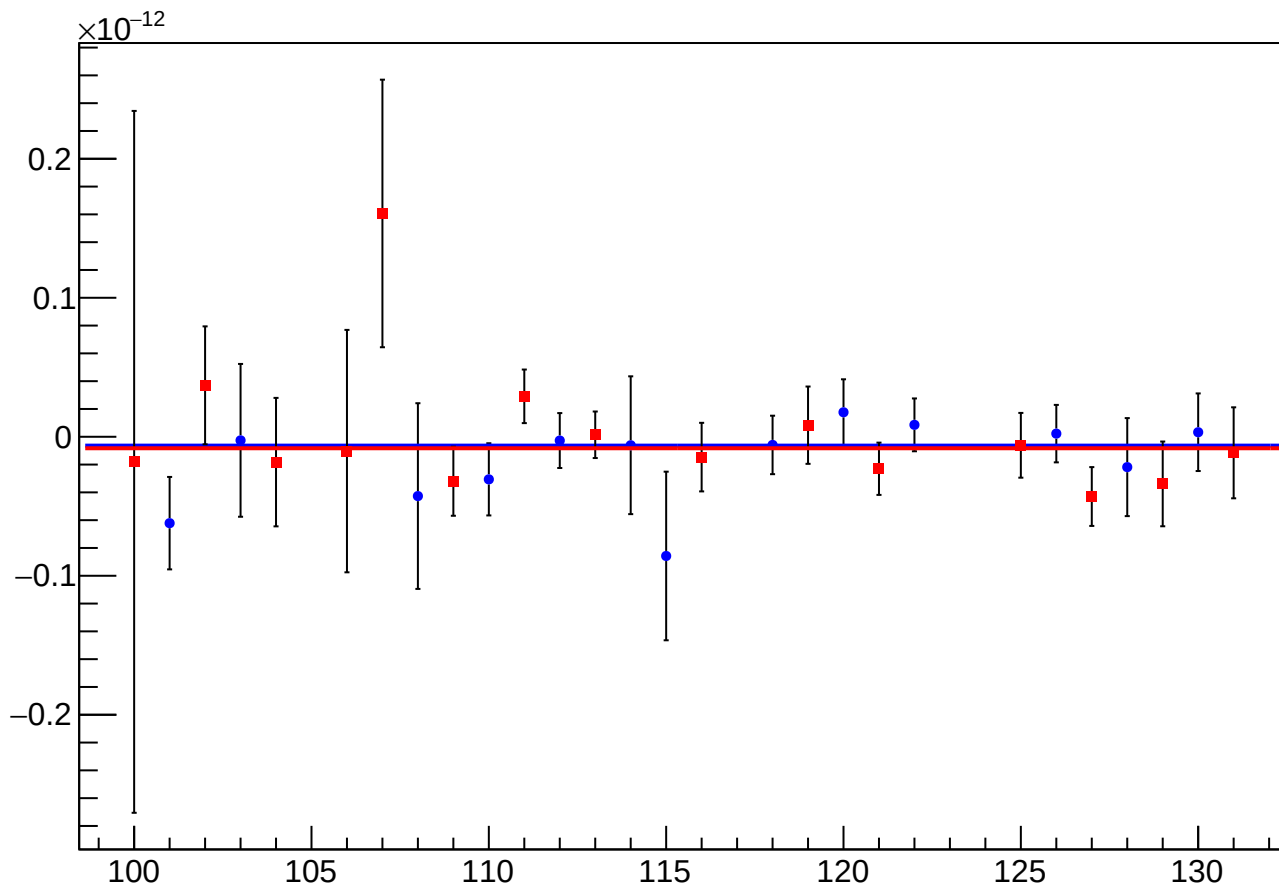
Right: 25.101+/-0.006 χ^2/NDF : 4478229.9/27

In: 27.773+/-0.010 χ^2/NDF :2044702.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.101+/-0.006 χ^2/NDF : 4478229.9/27

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: 7.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

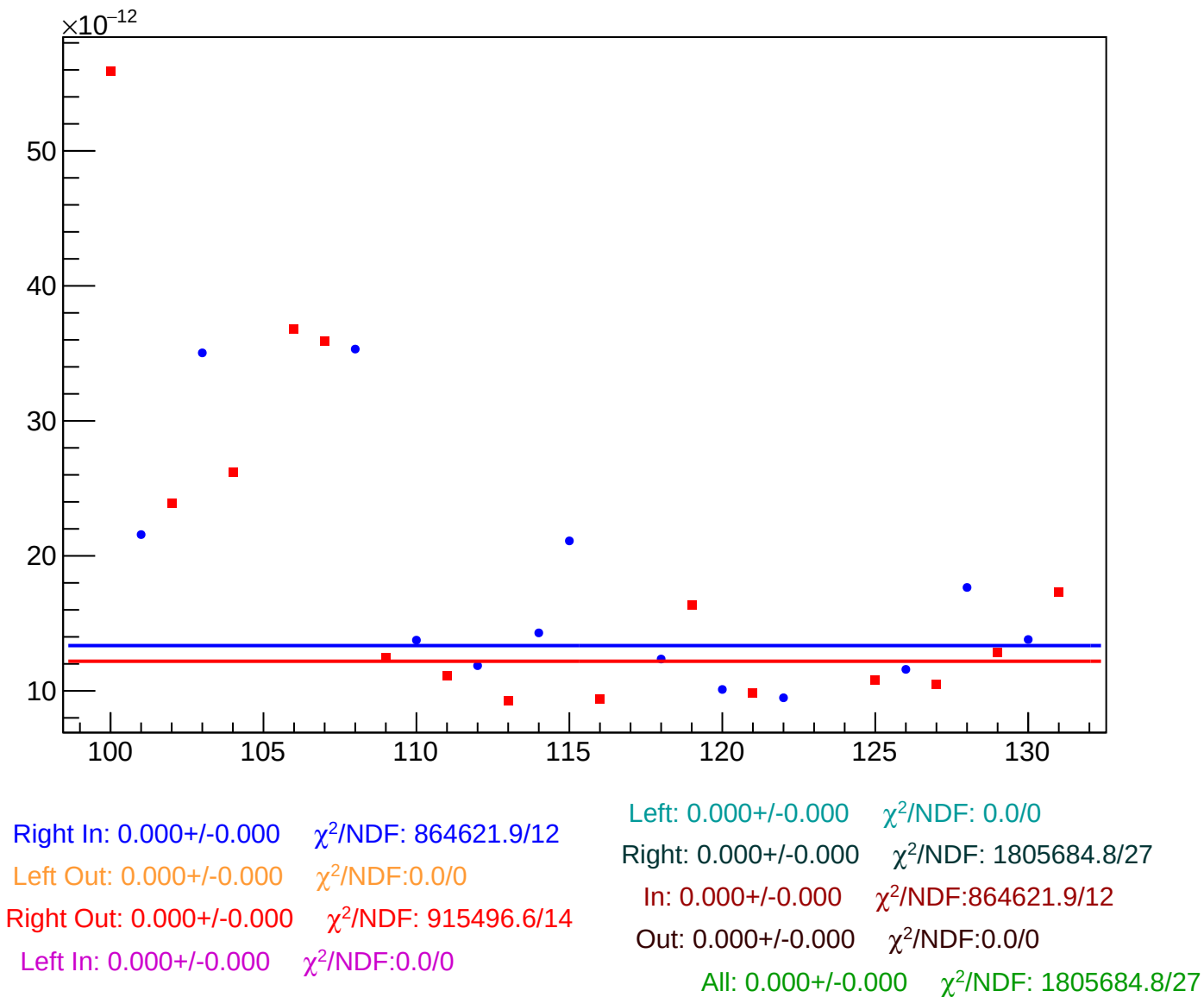
Right: -0.000+/-0.000 χ^2 /NDF: 21.6/27

In: -0.000+/-0.000 χ^2 /NDF:7.9/12

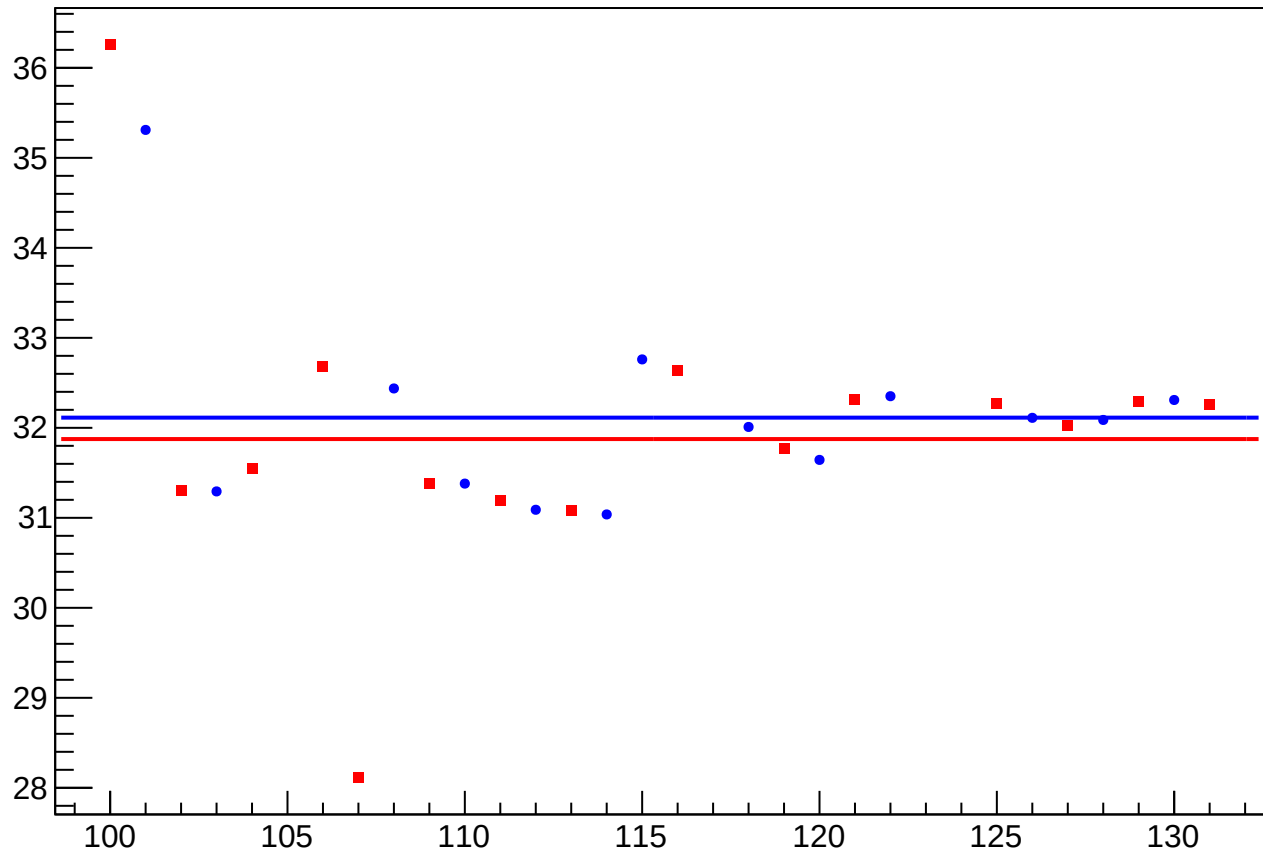
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.6/27

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



yield_usl_mean vs Slug, Sign Corrected



Right In: 32.113+/-0.000 χ^2/NDF : 836228017.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.875+/-0.000 χ^2/NDF : 447110874.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

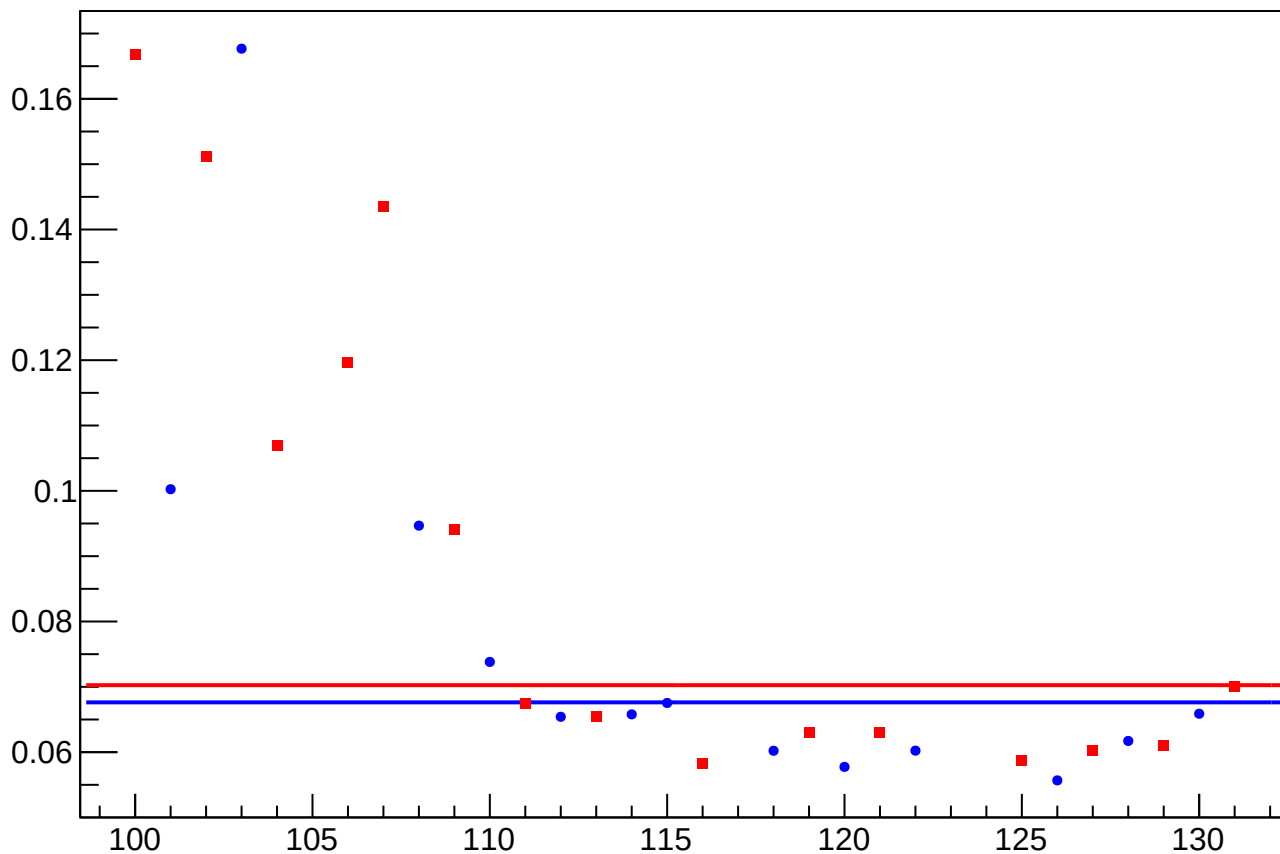
Right: 31.993+/-0.000 χ^2/NDF : 1312833448.8/27

In: 32.113+/-0.000 χ^2/NDF : 836228017.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.993+/-0.000 χ^2/NDF : 1312833448.8/27

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 692595.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 863169.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

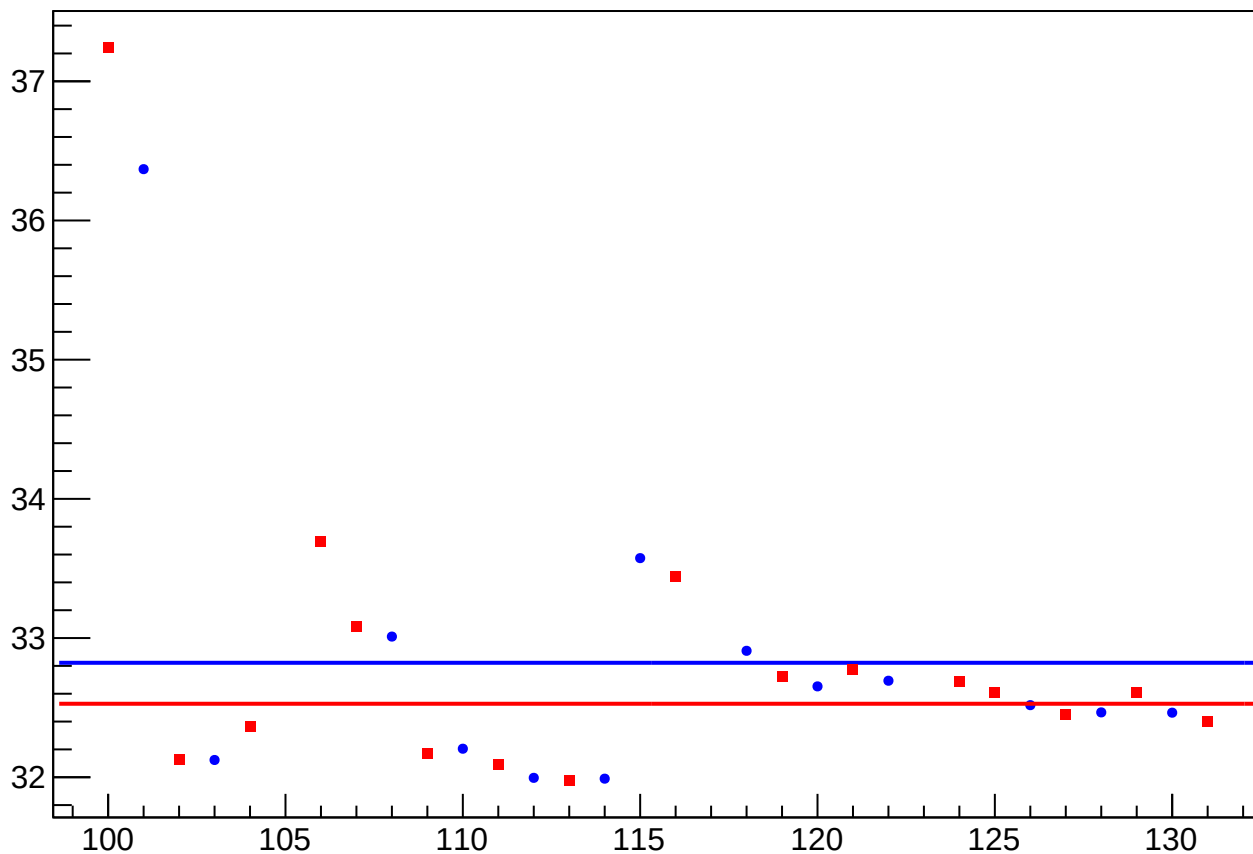
Right: 0.069+/-0.000 χ^2/NDF : 1562969.8/27

In: 0.068+/-0.000 χ^2/NDF :692595.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1562969.8/27

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.822+/-0.000 χ^2/NDF : 660924568.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.528+/-0.000 χ^2/NDF : 140686342.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

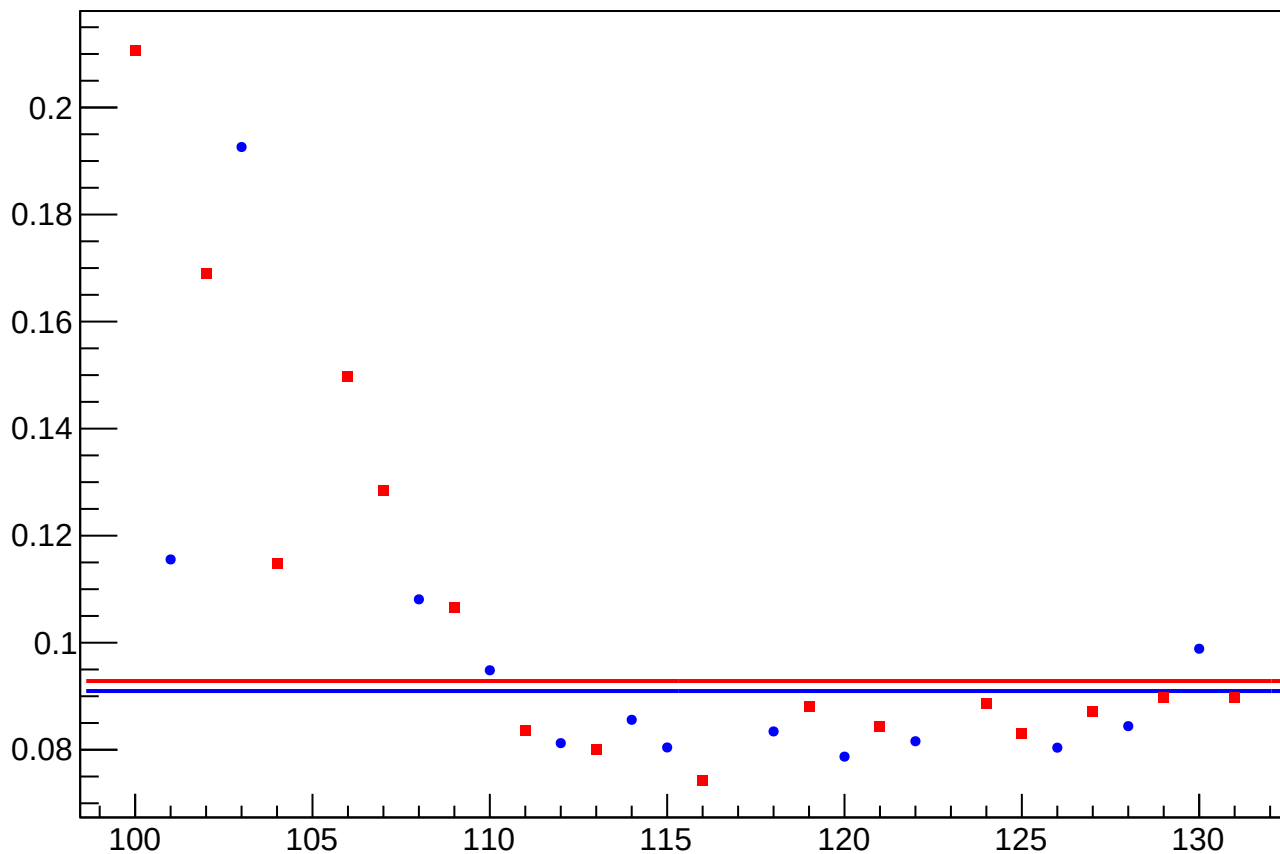
Right: 32.669+/-0.000 χ^2/NDF : 827751395.3/28

In: 32.822+/-0.000 χ^2/NDF :660924568.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.669+/-0.000 χ^2/NDF : 827751395.3/28

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 473172.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 523693.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

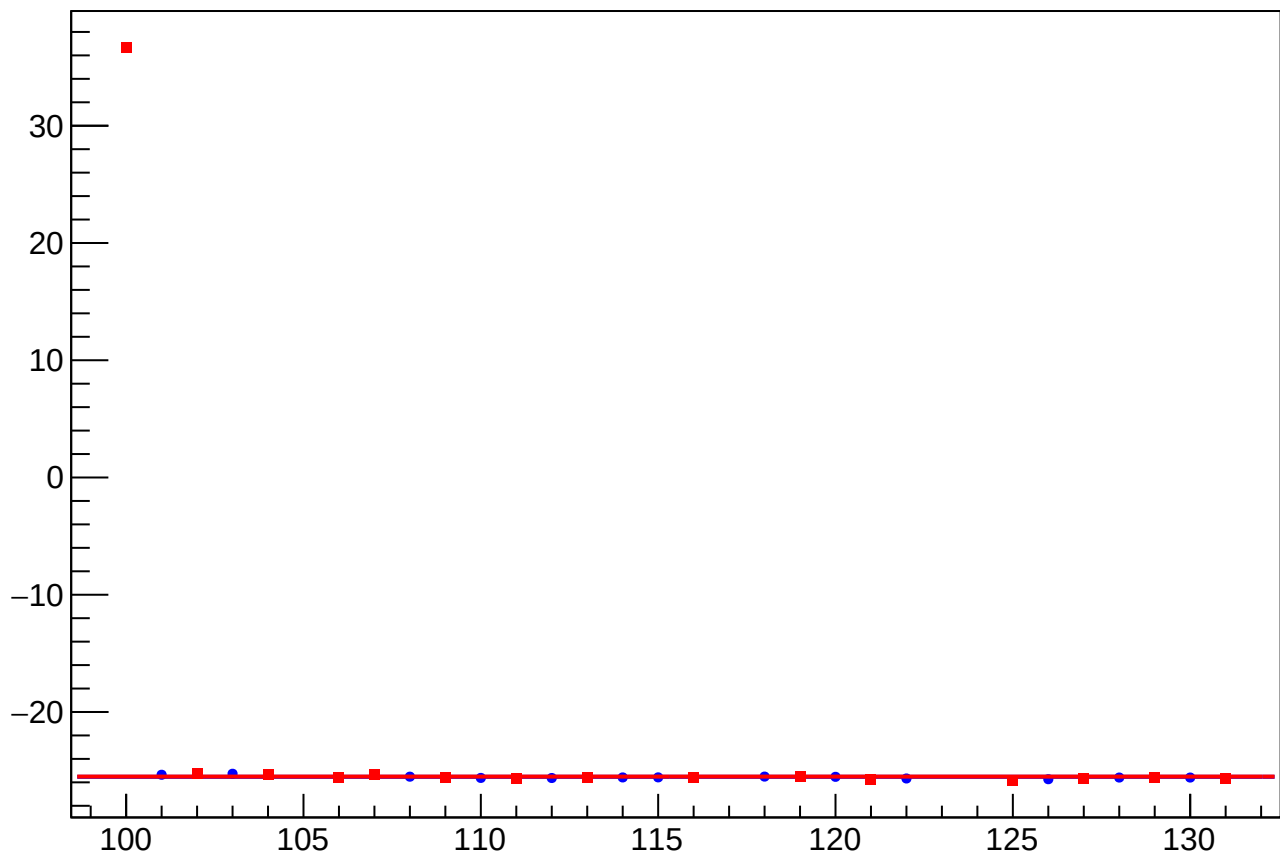
Right: 0.092+/-0.000 χ^2/NDF : 998981.3/28

In: 0.091+/-0.000 χ^2/NDF :473172.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.092+/-0.000 χ^2/NDF : 998981.3/28

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.529+/-0.000 χ^2/NDF : 55630412.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.509+/-0.000 χ^2/NDF : 8878772601.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

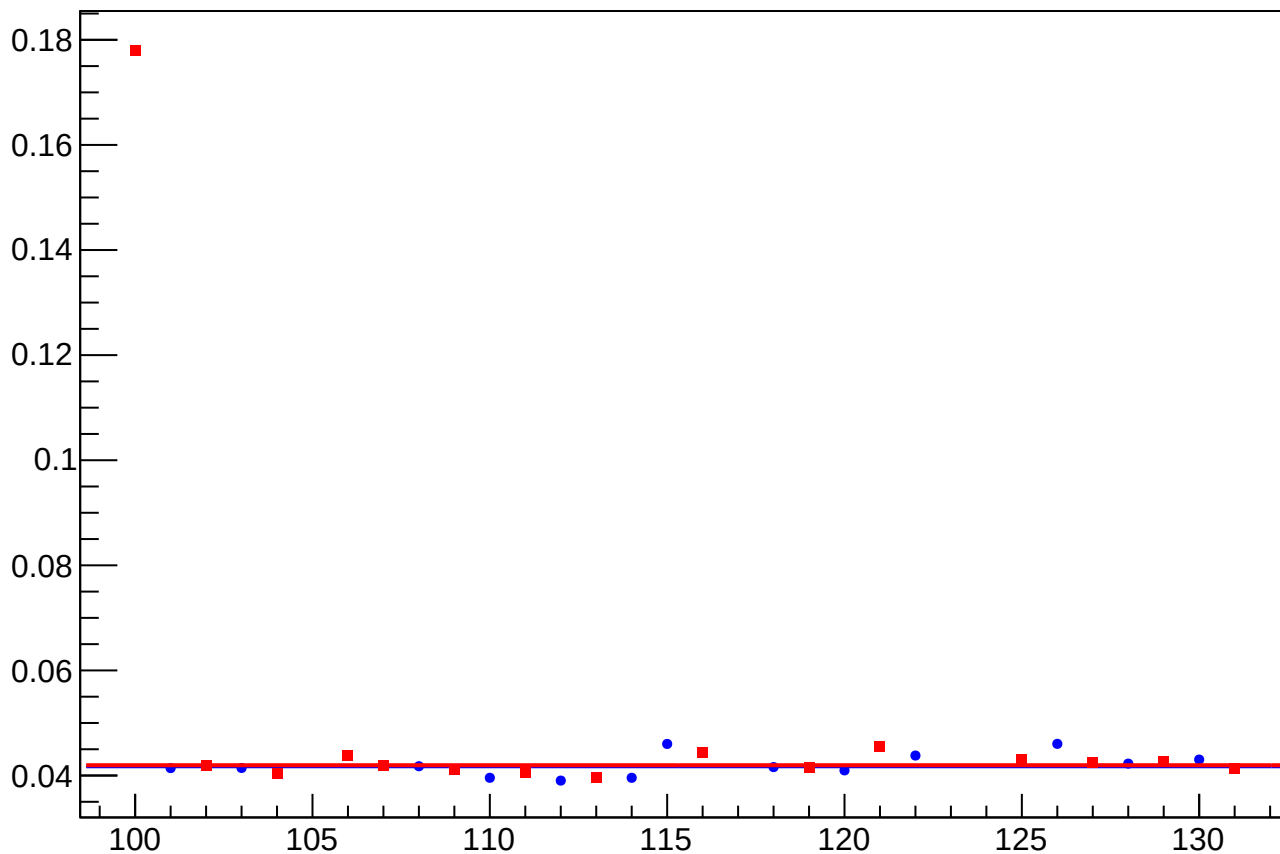
Right: -25.518+/-0.000 χ^2/NDF : 8935047770.7/27

In: -25.529+/-0.000 χ^2/NDF : 55630412.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.518+/-0.000 χ^2/NDF : 8935047770.7/27

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 20364.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 99073.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

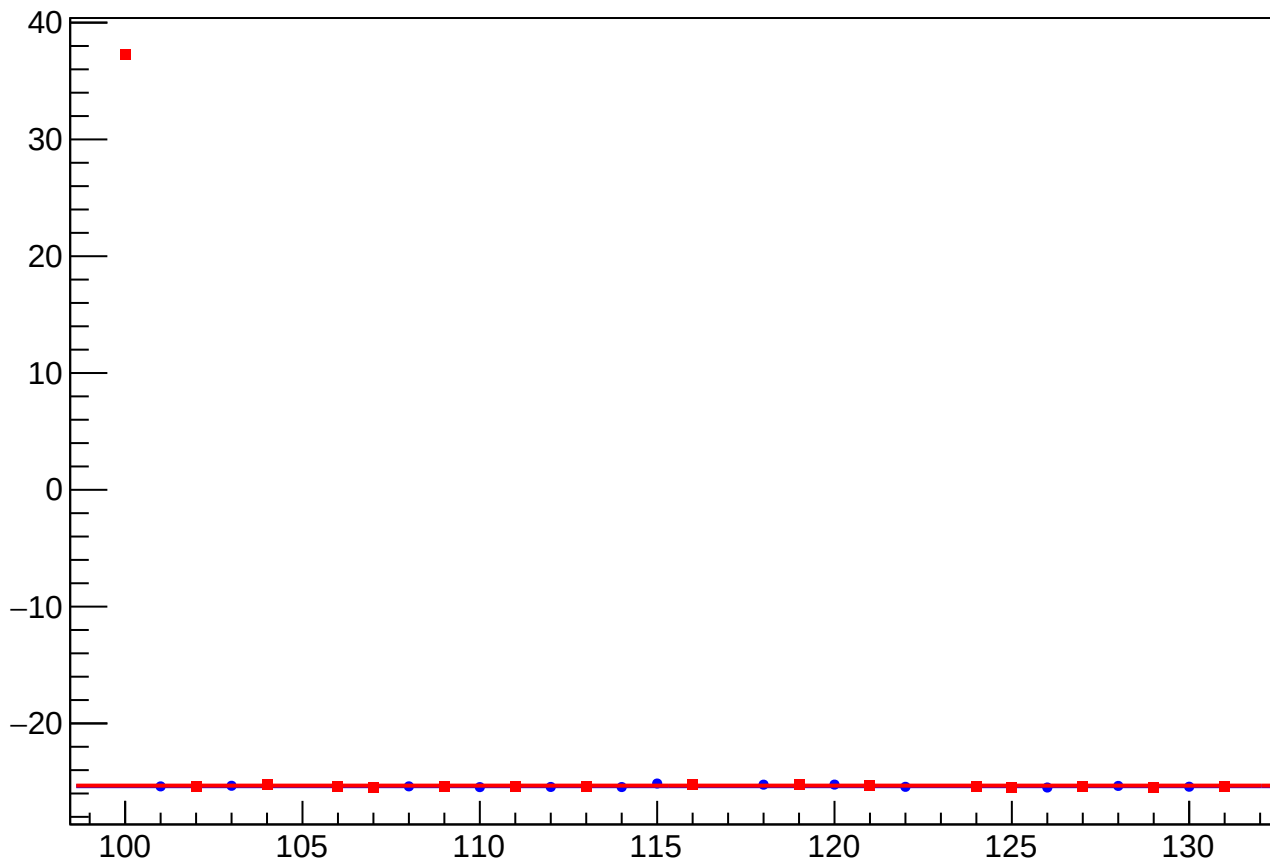
Right: 0.042+/-0.000 χ^2/NDF : 119570.6/27

In: 0.042+/-0.000 χ^2/NDF : 20364.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 119570.6/27

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.374+/-0.000 χ^2/NDF : 10465853.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.325+/-0.000 χ^2/NDF : 6314501117.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

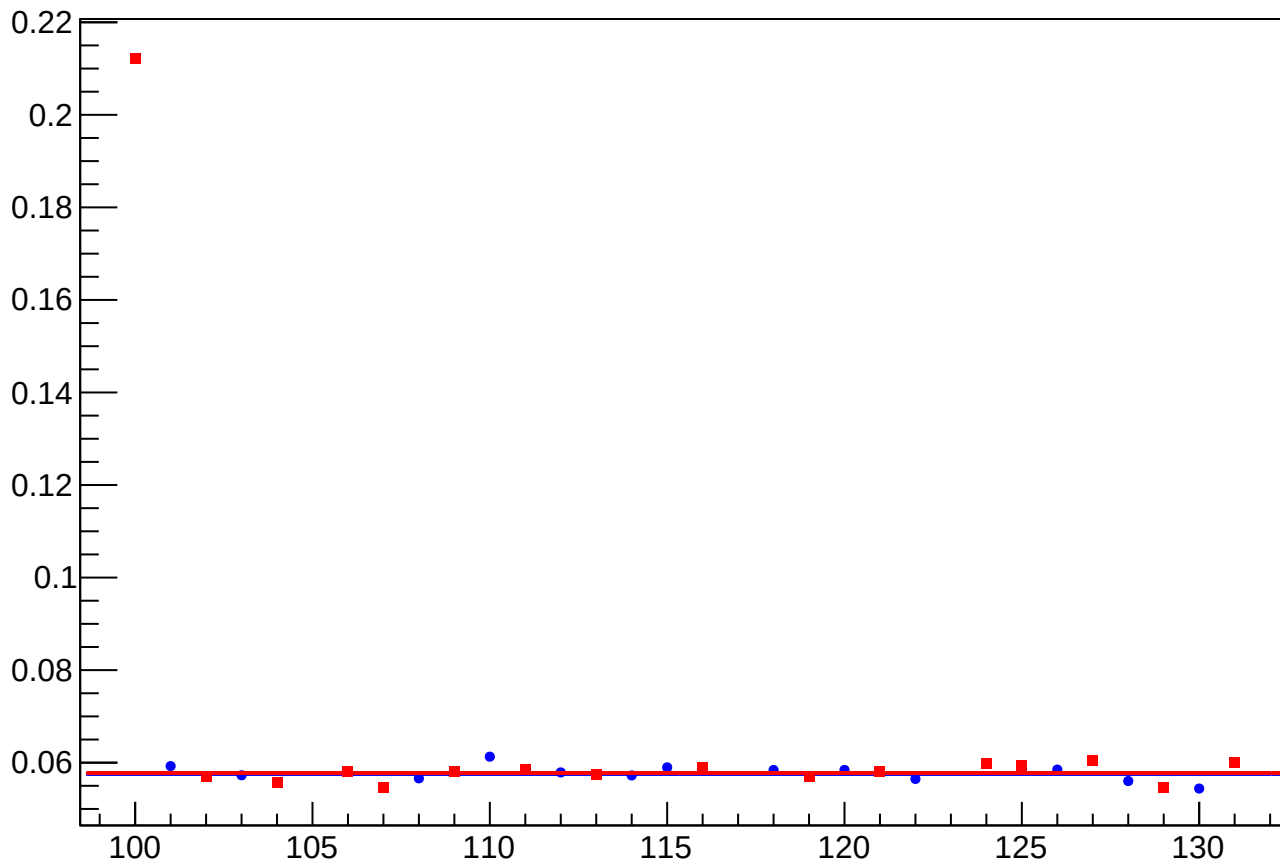
Right: -25.348+/-0.000 χ^2/NDF : 6327002268.3/28

In: -25.374+/-0.000 χ^2/NDF : 10465853.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.348+/-0.000 χ^2/NDF : 6327002268.3/28

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 9174.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 86760.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

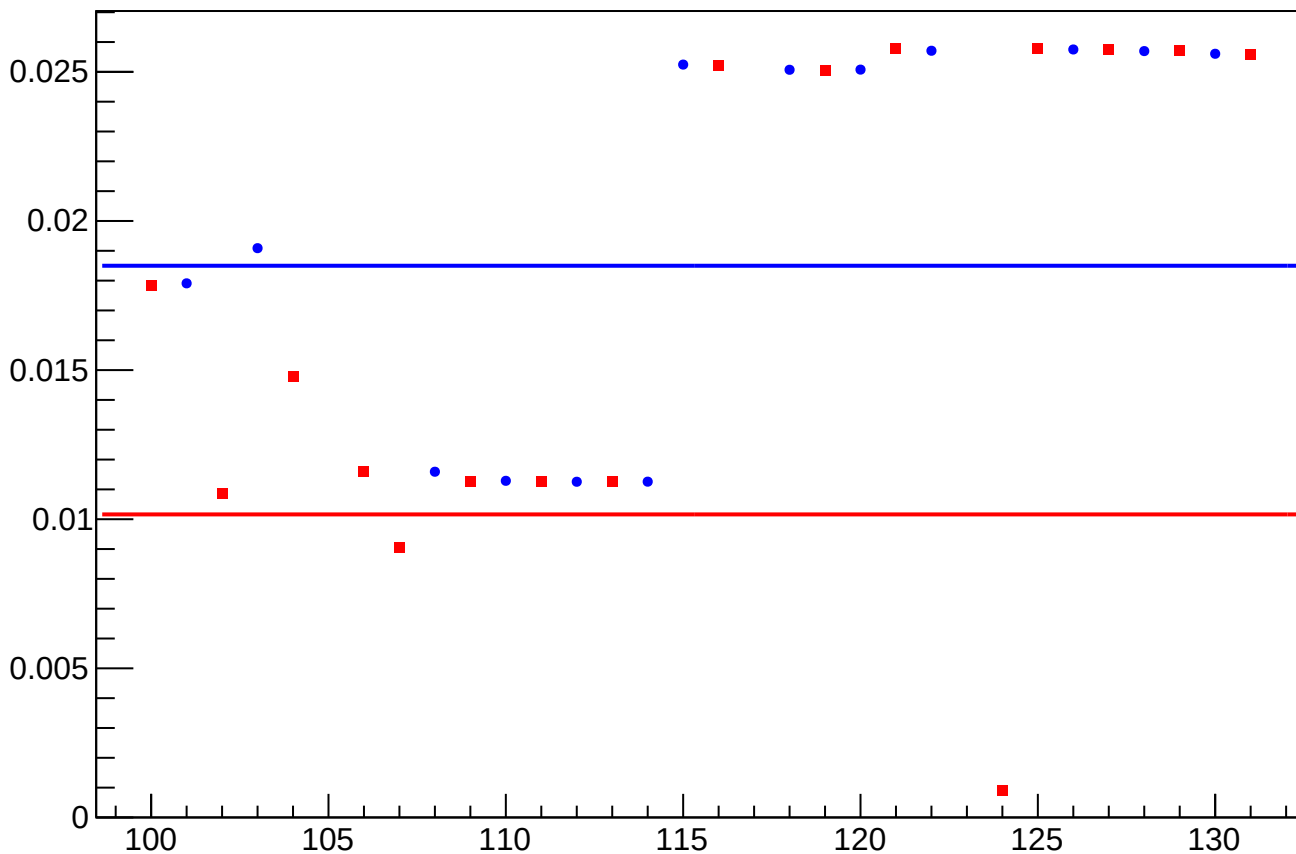
Right: 0.058+/-0.000 χ^2/NDF : 96004.3/28

In: 0.058+/-0.000 χ^2/NDF : 9174.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 96004.3/28

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000

χ^2/NDF : 50619347578.0/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.013+/-0.000

χ^2/NDF : 315815352388.1/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.018+/-0.000

χ^2/NDF : 50619347578.0/12

Right Out: 0.010+/-0.000

χ^2/NDF : 209563475014.8/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

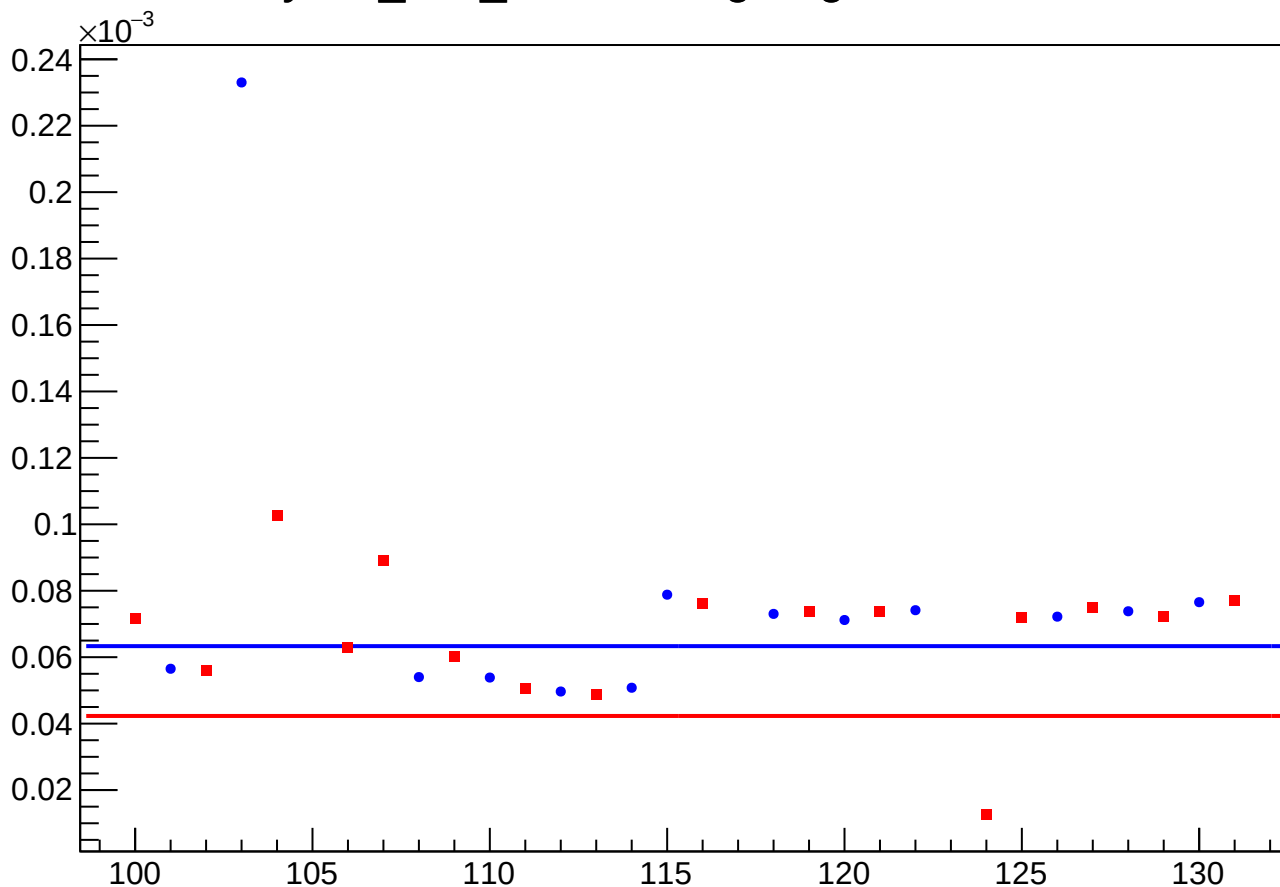
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.013+/-0.000

χ^2/NDF : 315815352388.1

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 784276.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3398857.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

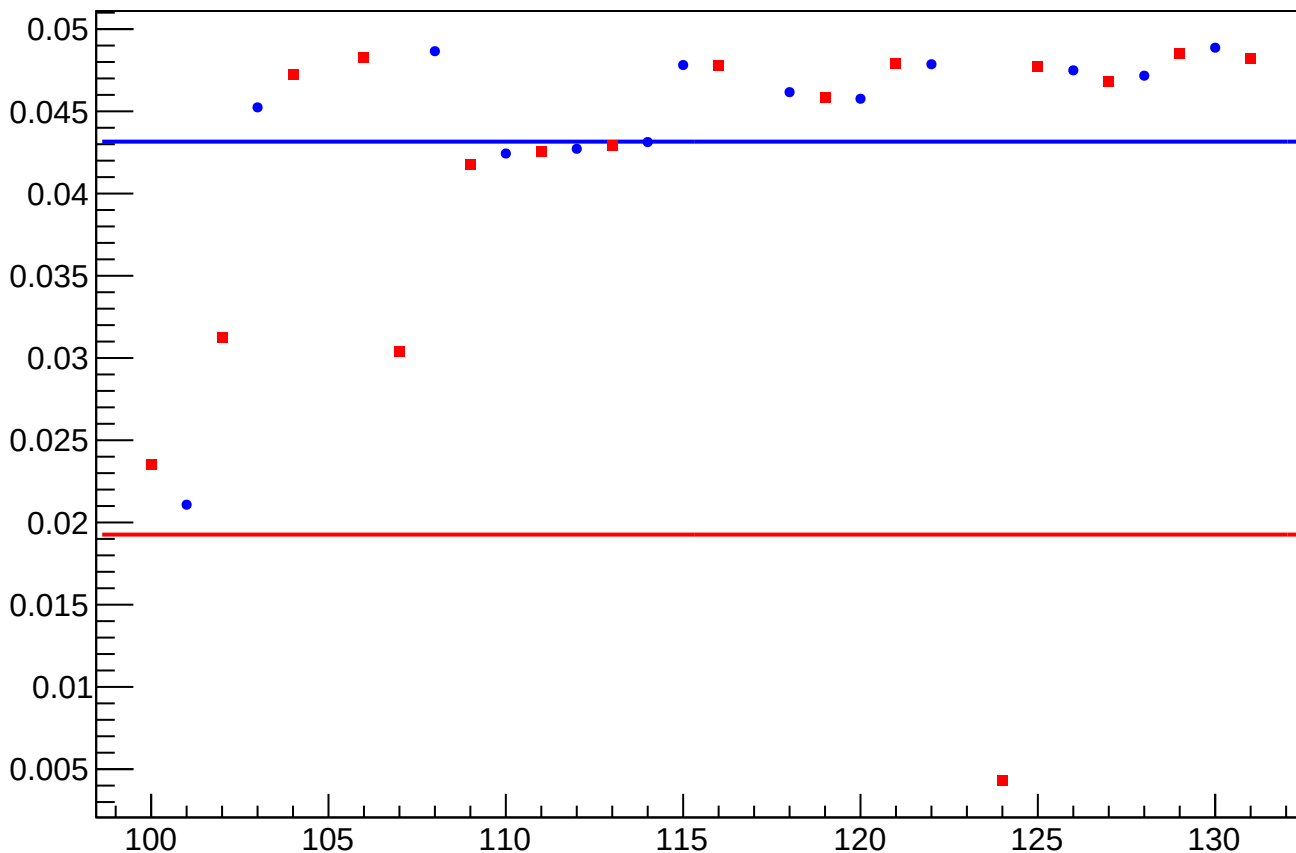
Right: 0.000+/-0.000 χ^2/NDF : 4890458.6/28

In: 0.000+/-0.000 χ^2/NDF : 784276.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4890458.6/28

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.000

χ^2/NDF : 2927462949.6/12

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 : 61184929867.2/28

Right Out: 0.019+/-0.000

χ^2/NDF : 41649777402.8/15

In: 0.043+/-0.000

χ^2/NDF : 2927462949.6/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

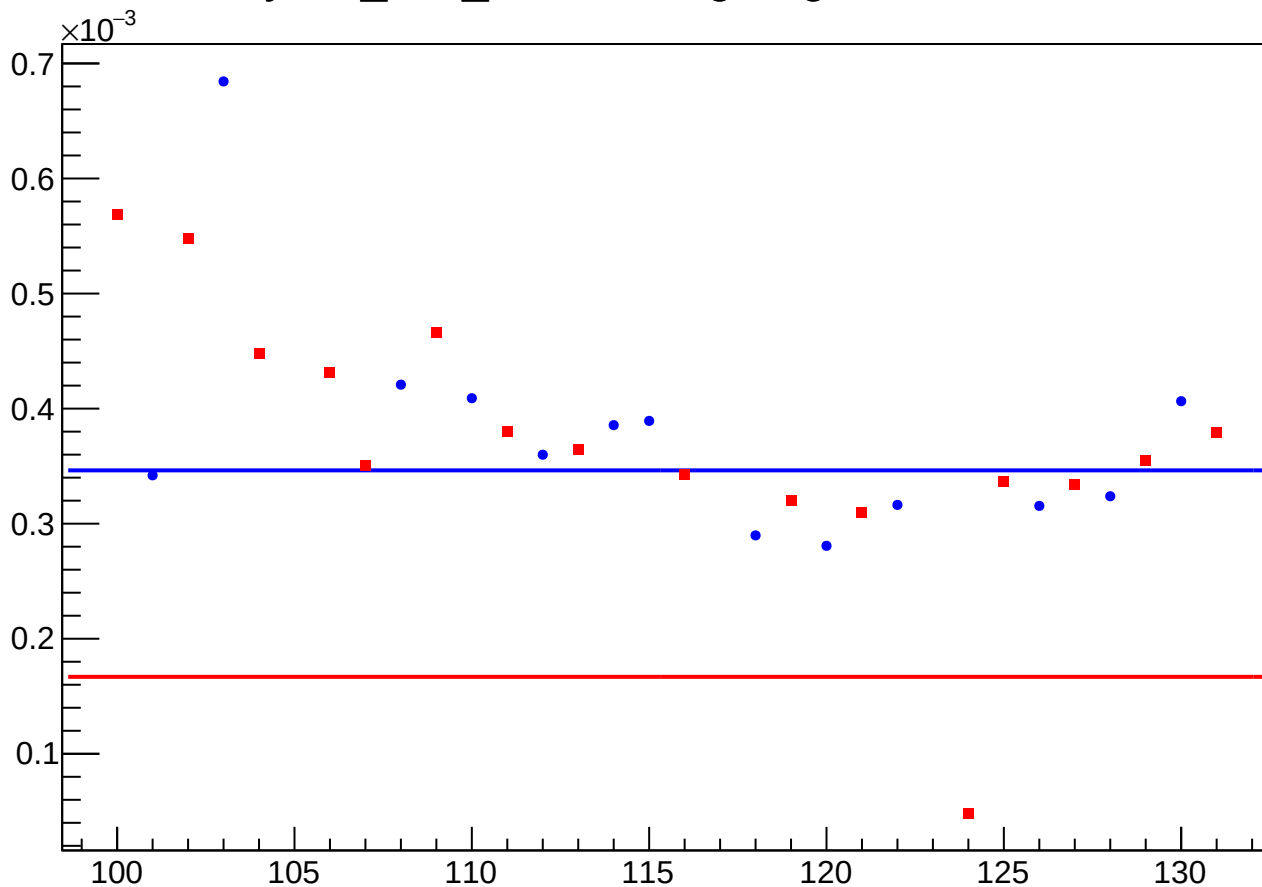
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.026+/-0.000

χ^2/NDF : 61184929867.2/28

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 428490.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5413946.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

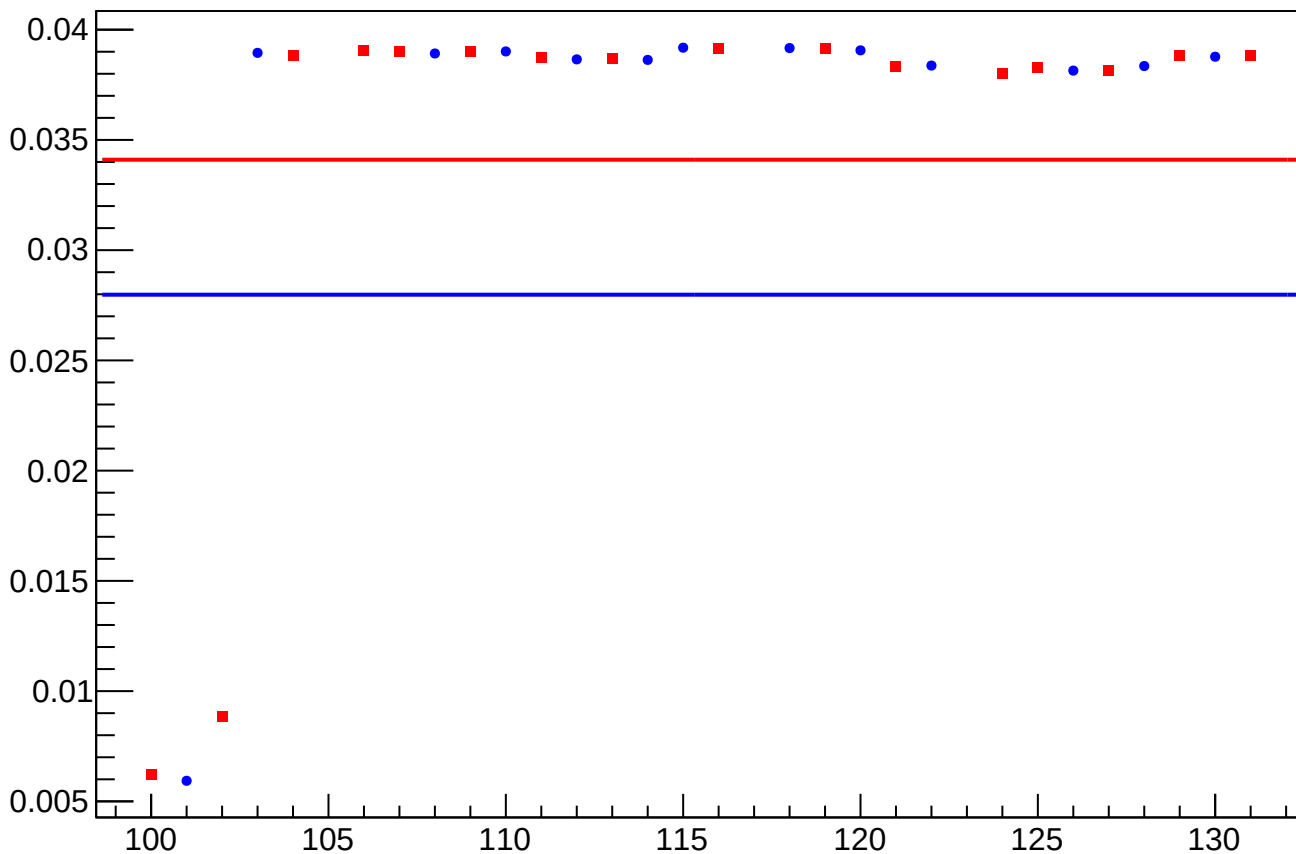
Right: 0.000+/-0.000 χ^2/NDF : 7716052.8/28

In: 0.000+/-0.000 χ^2/NDF : 428490.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7716052.8/28

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.000

χ^2/NDF : 98935563136.8/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.031+/-0.000

χ^2/NDF : 152354311099.2/28

Right Out: 0.034+/-0.000

χ^2/NDF : 45896875635.8/15

In: 0.028+/-0.000

χ^2/NDF : 98935563136.8/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

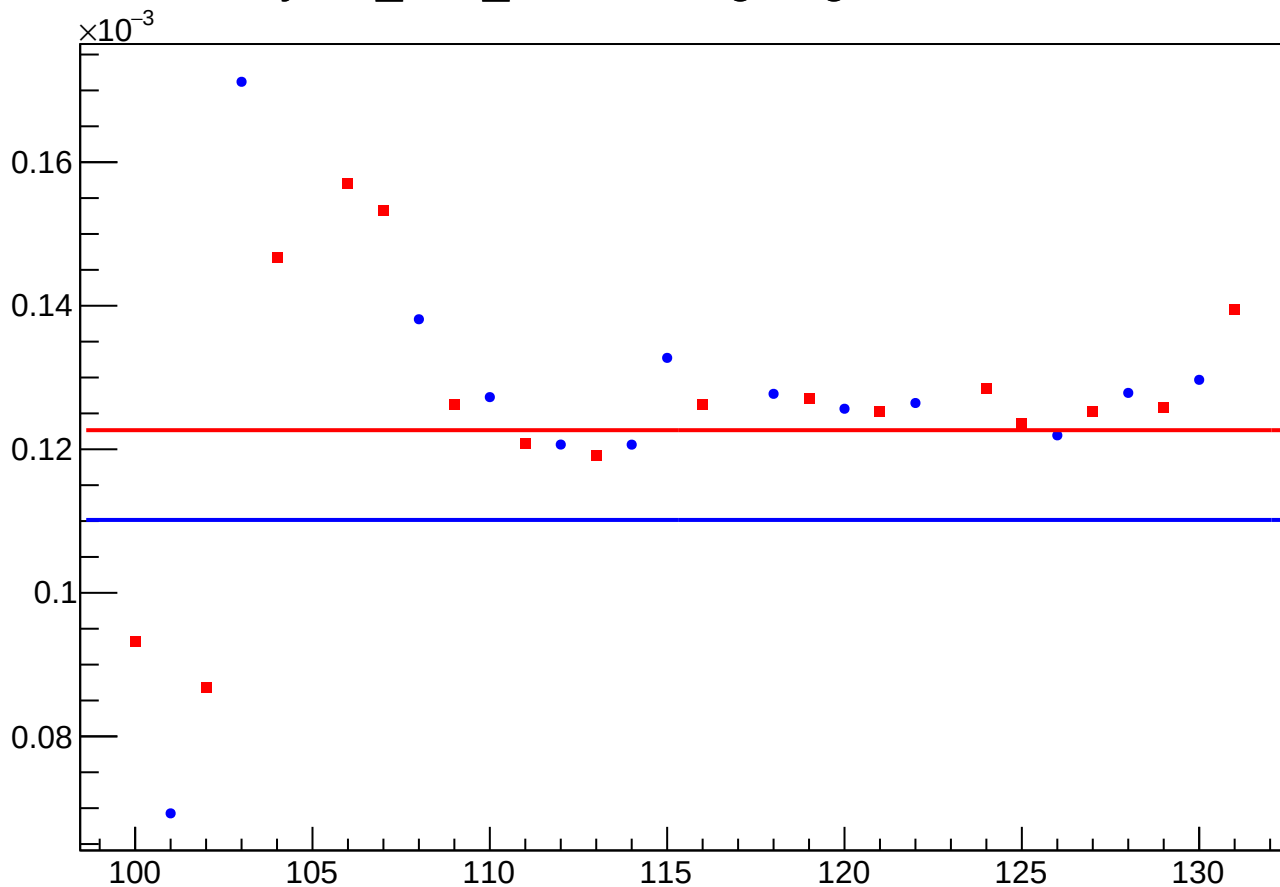
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.031+/-0.000

χ^2/NDF : 152354311099.2

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 765807.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 235235.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

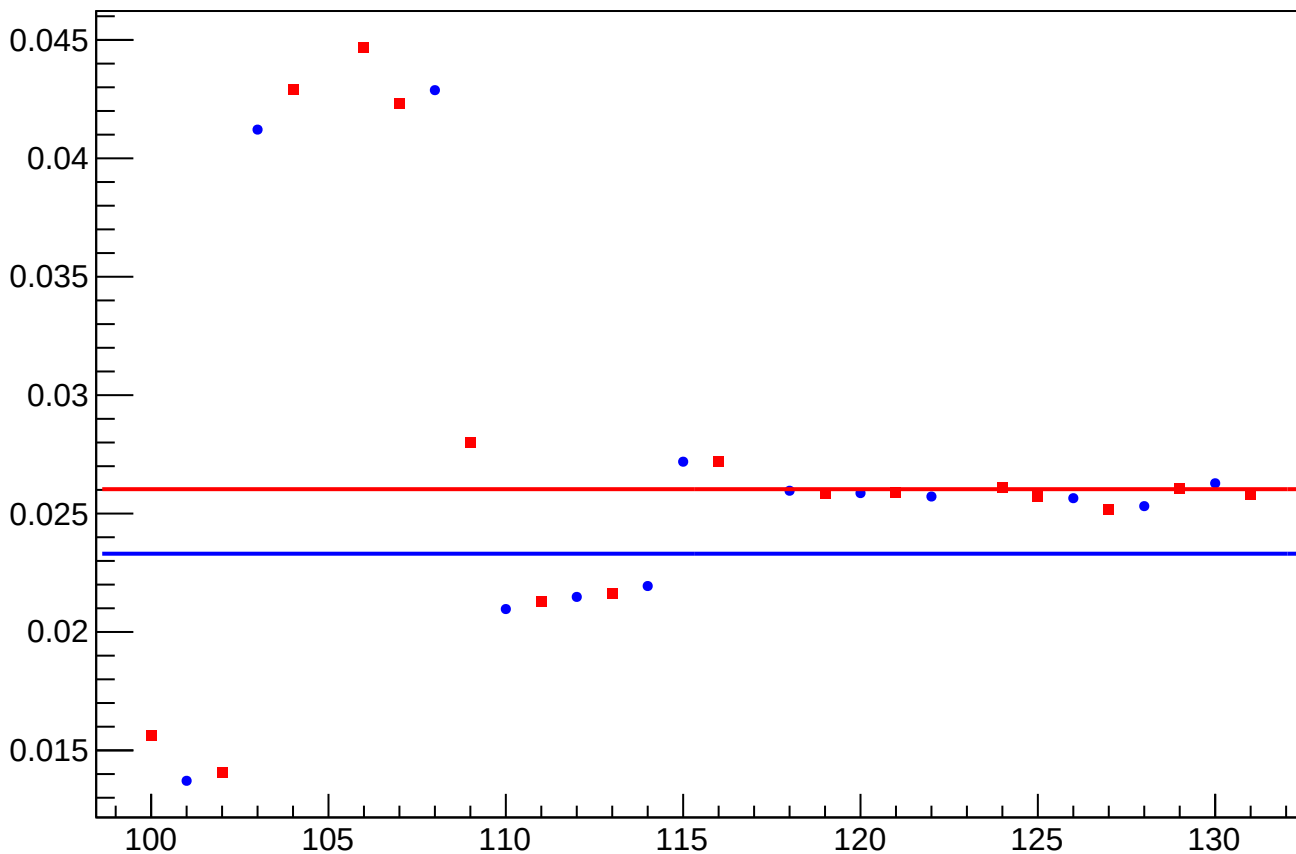
Right: 0.000+/-0.000 χ^2/NDF : 1063816.8/28

In: 0.000+/-0.000 χ^2/NDF : 765807.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1063816.8/28

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3522217321.9/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.025+/-0.000

χ^2/NDF : 7003526689.4/28

Right Out: 0.026+/-0.000

χ^2/NDF : 3233662071.2/15

In: 0.023+/-0.000

χ^2/NDF : 3522217321.9/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

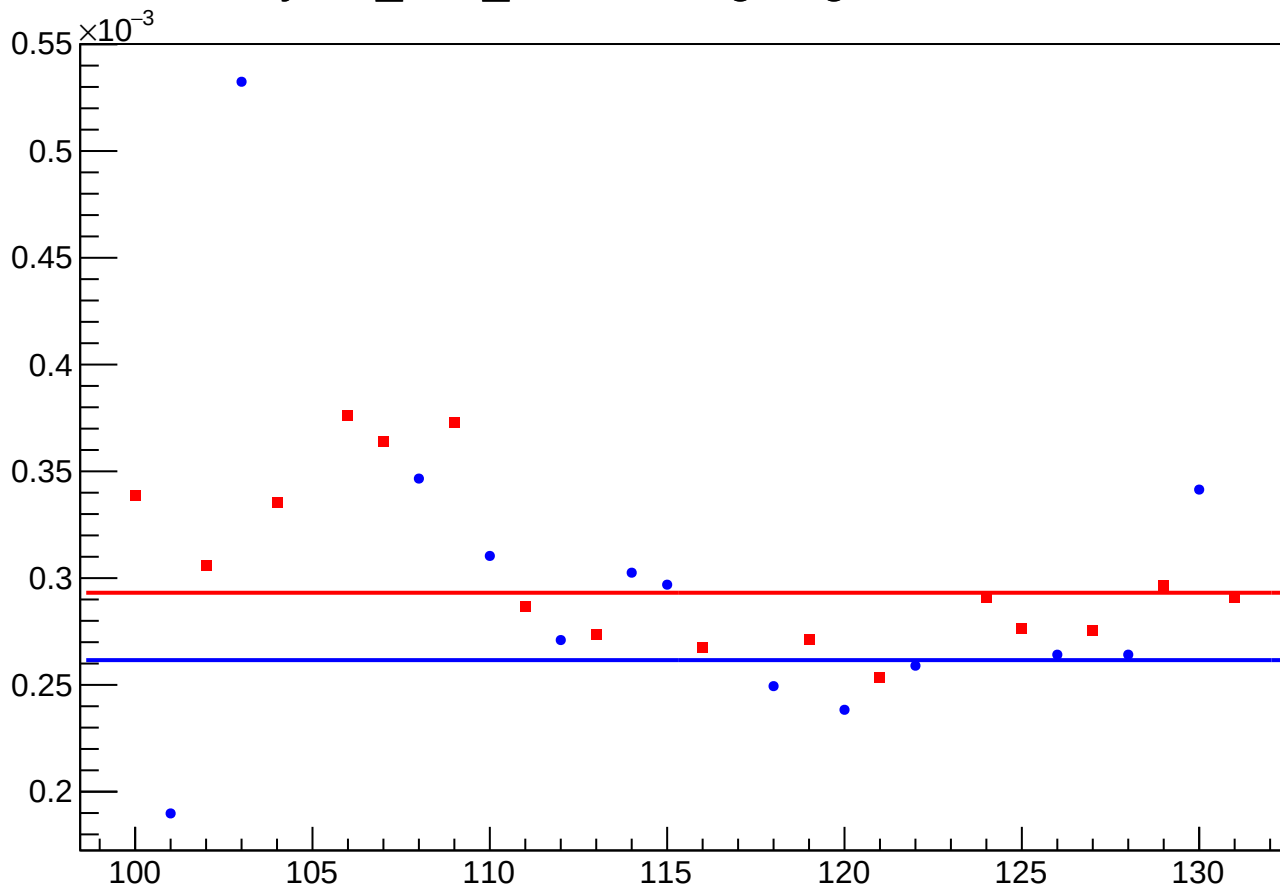
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 7003526689.4/28

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 586168.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 142116.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

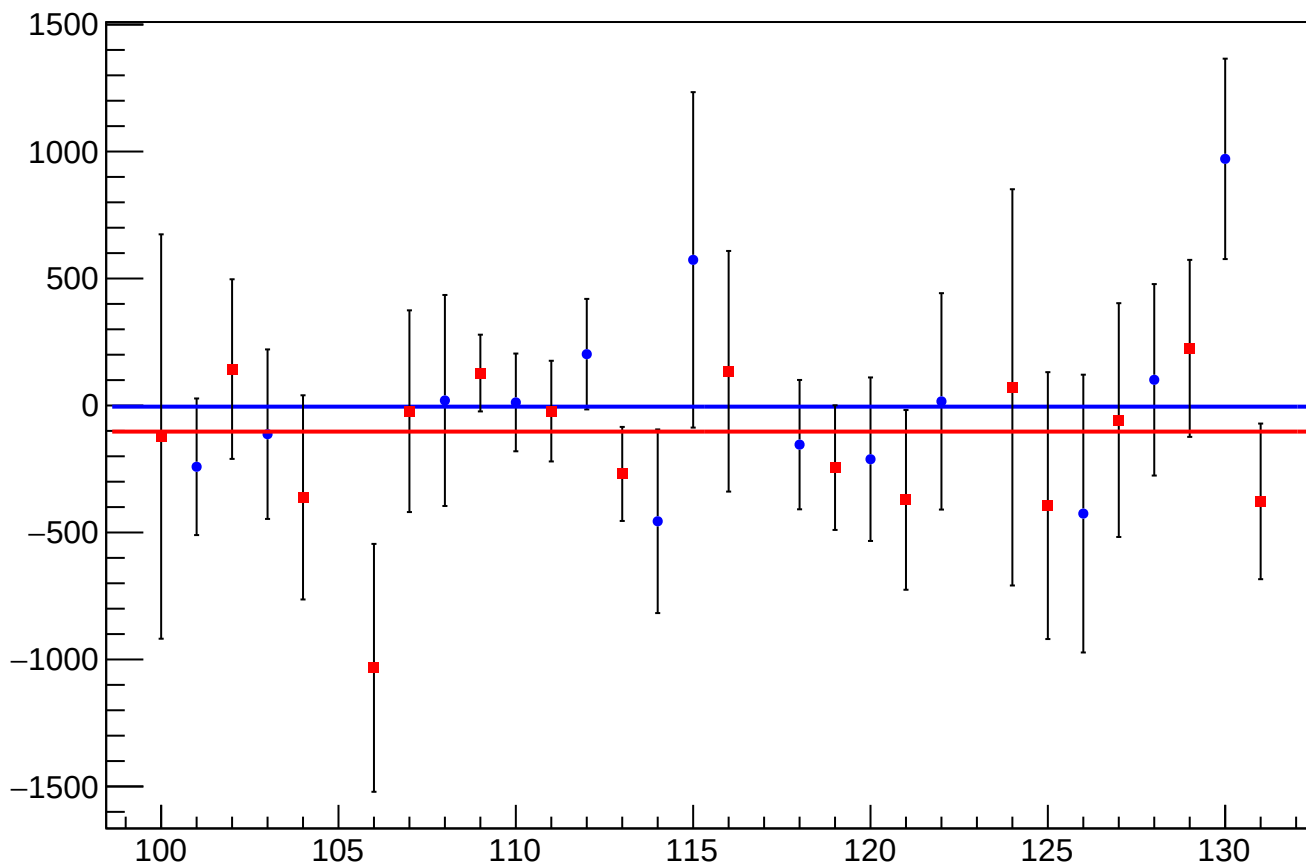
Right: 0.000+/-0.000 χ^2/NDF : 794668.3/28

In: 0.000+/-0.000 χ^2/NDF : 586168.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 794668.3/28

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.754 ± 73.986 $\chi^2/\text{NDF}: 11.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

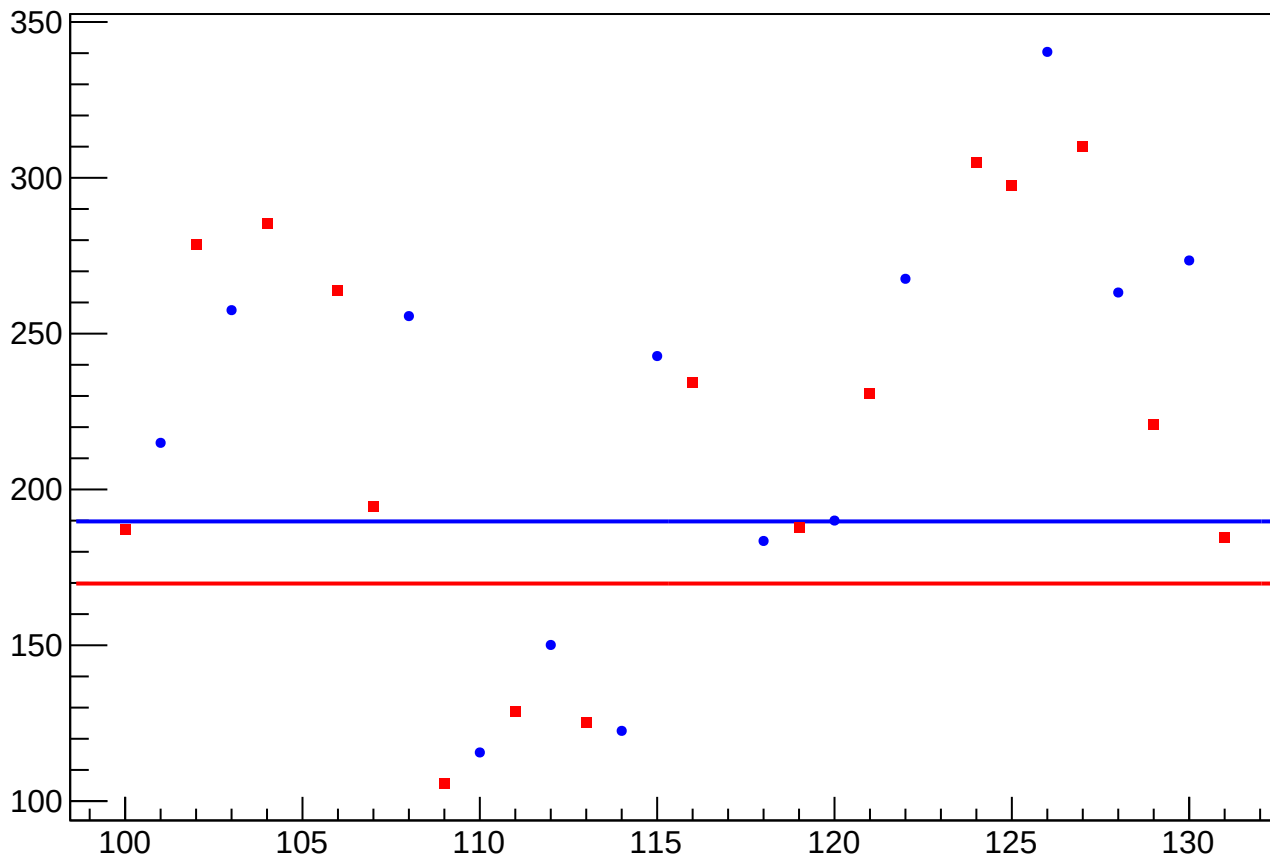
Right: -61.175 ± 56.188 $\chi^2/\text{NDF}: 23.5/28$

In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.175 ± 56.188 $\chi^2/\text{NDF}: 23.5/28$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.747+/-0.061 χ^2/NDF : 981523.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.812+/-0.052 χ^2/NDF : 1519029.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

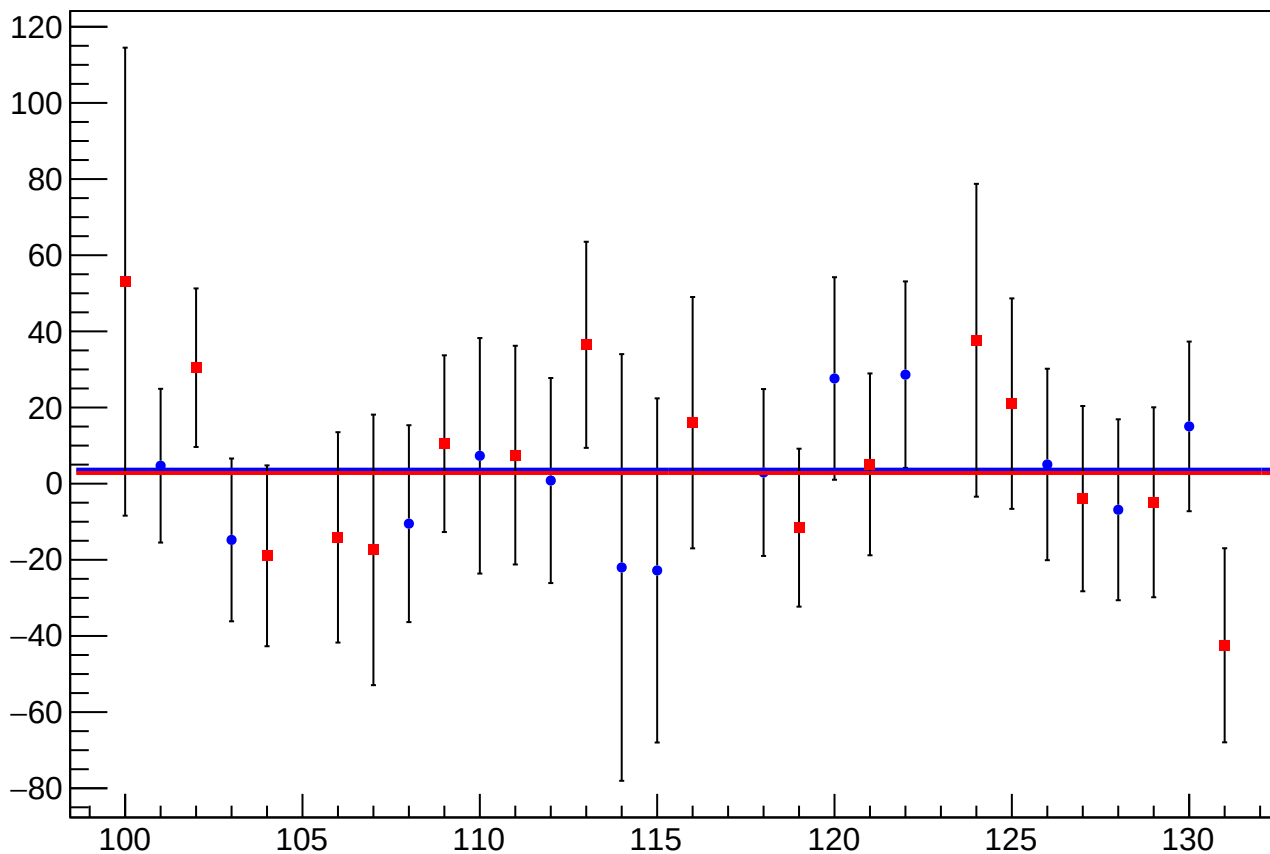
Right: 178.249+/-0.040 χ^2/NDF : 2562009.0/28

In: 189.747+/-0.061 χ^2/NDF :981523.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.249+/-0.040 χ^2/NDF : 2562009.0/28

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.679+/-7.089 χ^2/NDF : 3.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.809+/-6.650 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

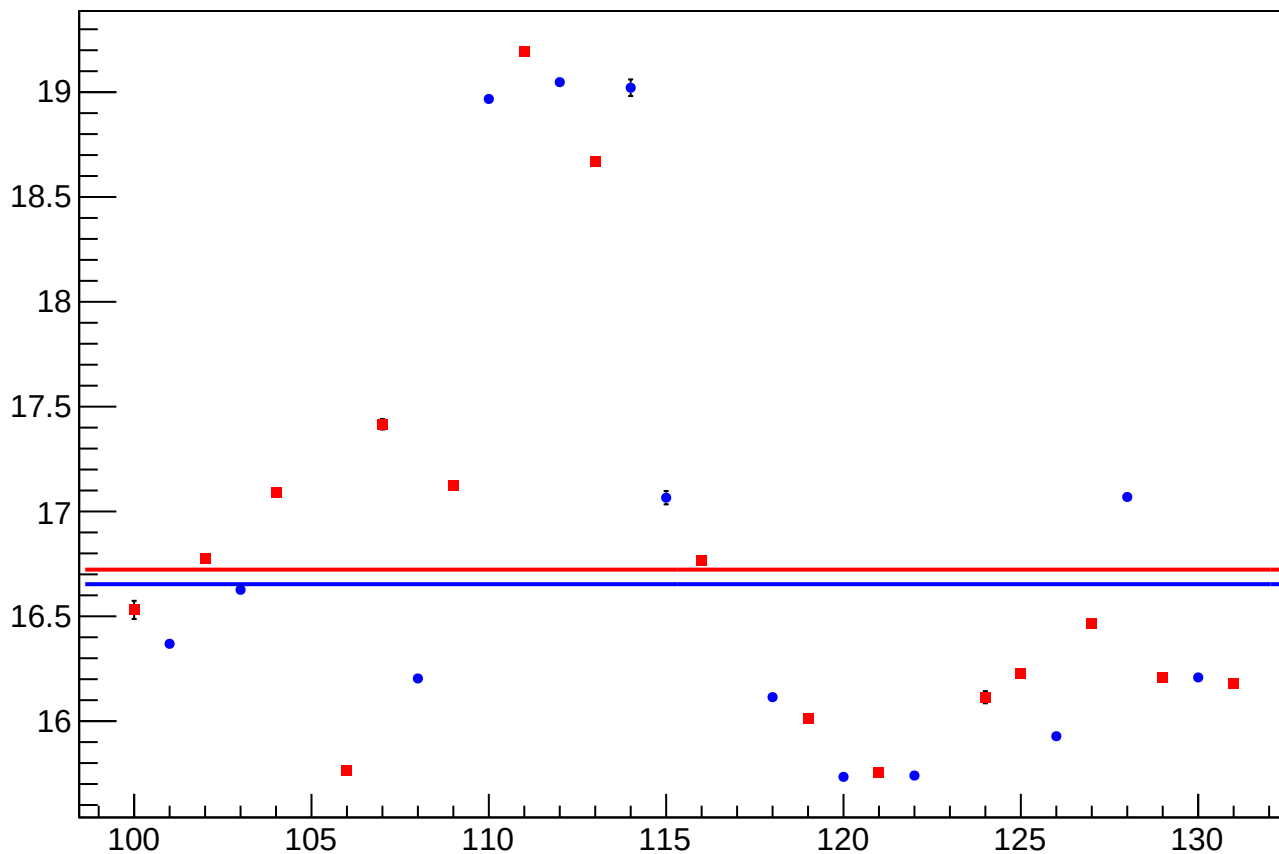
Right: 3.216+/-4.850 χ^2/NDF : 14.7/28

In: 3.679+/-7.089 χ^2/NDF : 3.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.216+/-4.850 χ^2/NDF : 14.7/28

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.653+/-0.005 χ^2/NDF : 41201.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.723+/-0.005 χ^2/NDF : 38095.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

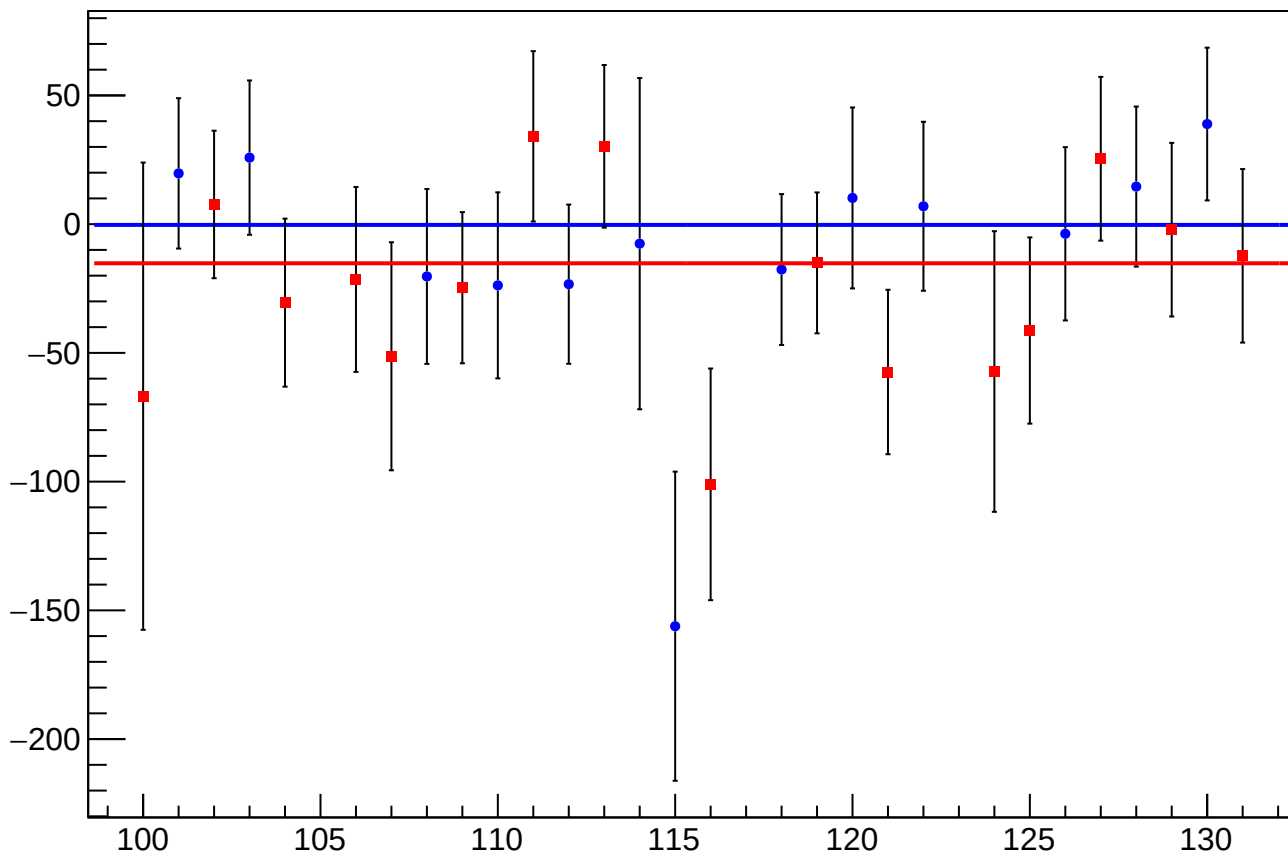
Right: 16.690+/-0.003 χ^2/NDF : 79398.9/28

In: 16.653+/-0.005 χ^2/NDF : 41201.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.690+/-0.003 χ^2/NDF : 79398.9/28

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.286 ± 9.349 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.201 ± 8.671 χ^2/NDF : 14.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

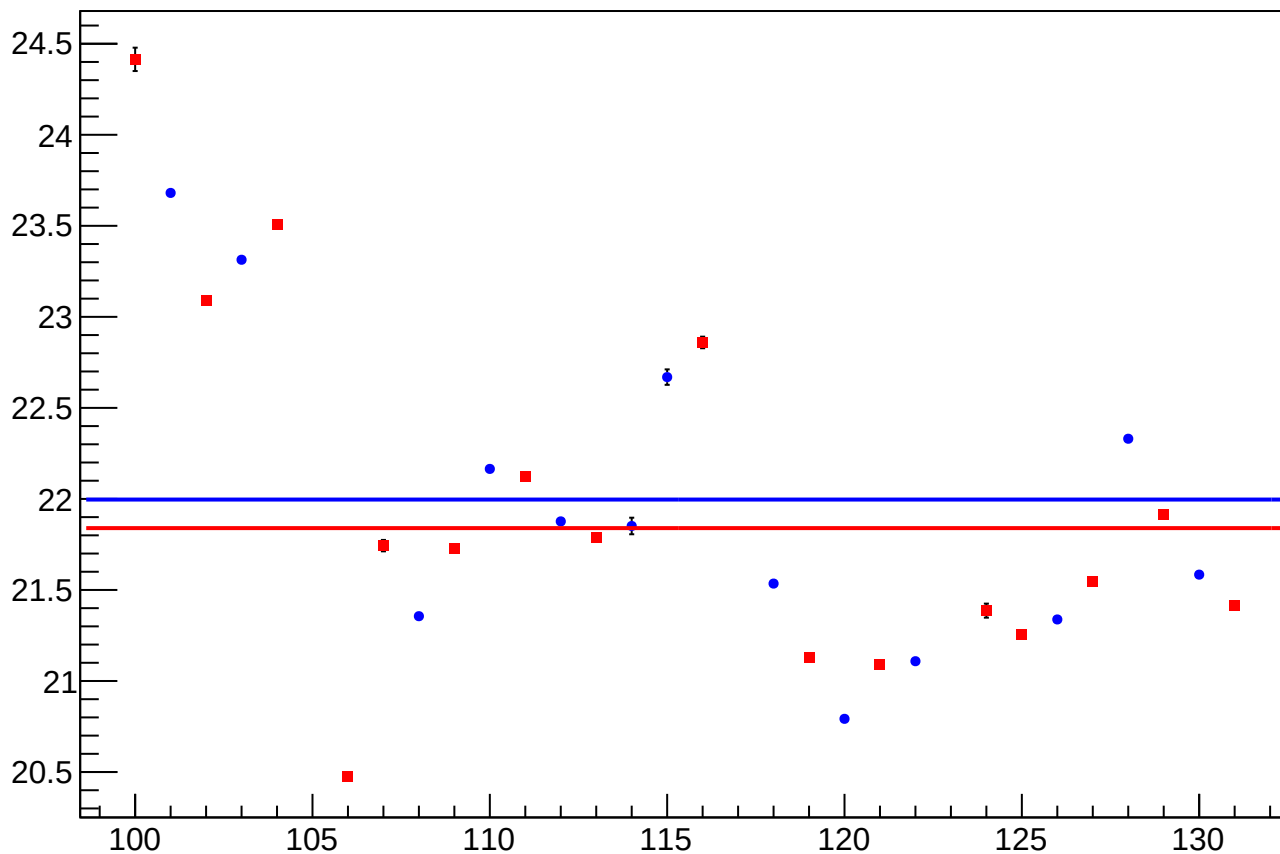
Right: -8.304 ± 6.358 χ^2/NDF : 27.7/28

In: -0.286 ± 9.349 χ^2/NDF : 11.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.304 ± 6.358 χ^2/NDF : 27.7/28

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.997+/-0.007 χ^2/NDF : 17252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.840+/-0.006 χ^2/NDF : 18364.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

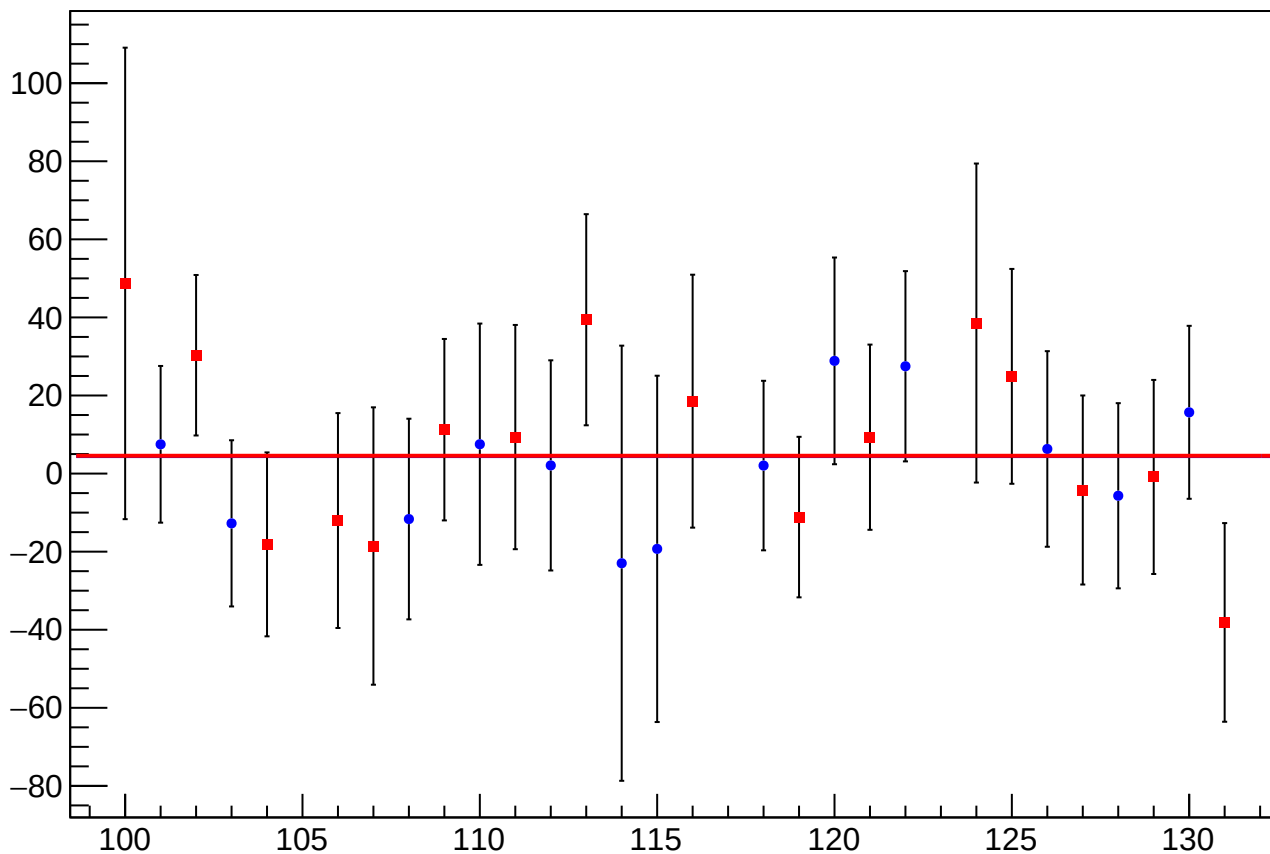
Right: 21.912+/-0.004 χ^2/NDF : 35919.6/28

In: 21.997+/-0.007 χ^2/NDF : 17252.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.912+/-0.004 χ^2/NDF : 35919.6/28

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.484+/-7.053 χ^2/NDF : 3.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.558+/-6.612 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

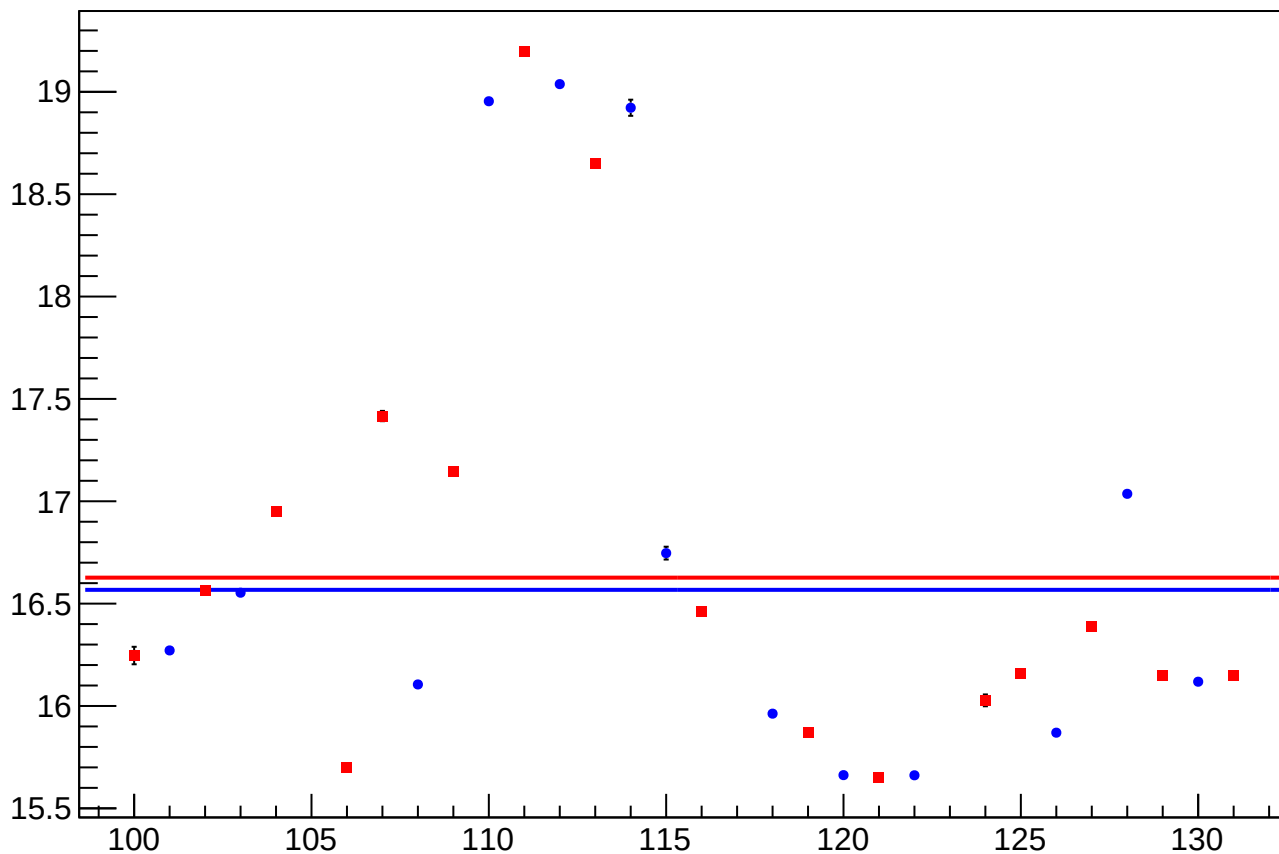
Right: 4.524+/-4.824 χ^2/NDF : 14.4/28

In: 4.484+/-7.053 χ^2/NDF : 3.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.524+/-4.824 χ^2/NDF : 14.4/28

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.567+/-0.005 χ^2/NDF : 43269.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.627+/-0.005 χ^2/NDF : 40714.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

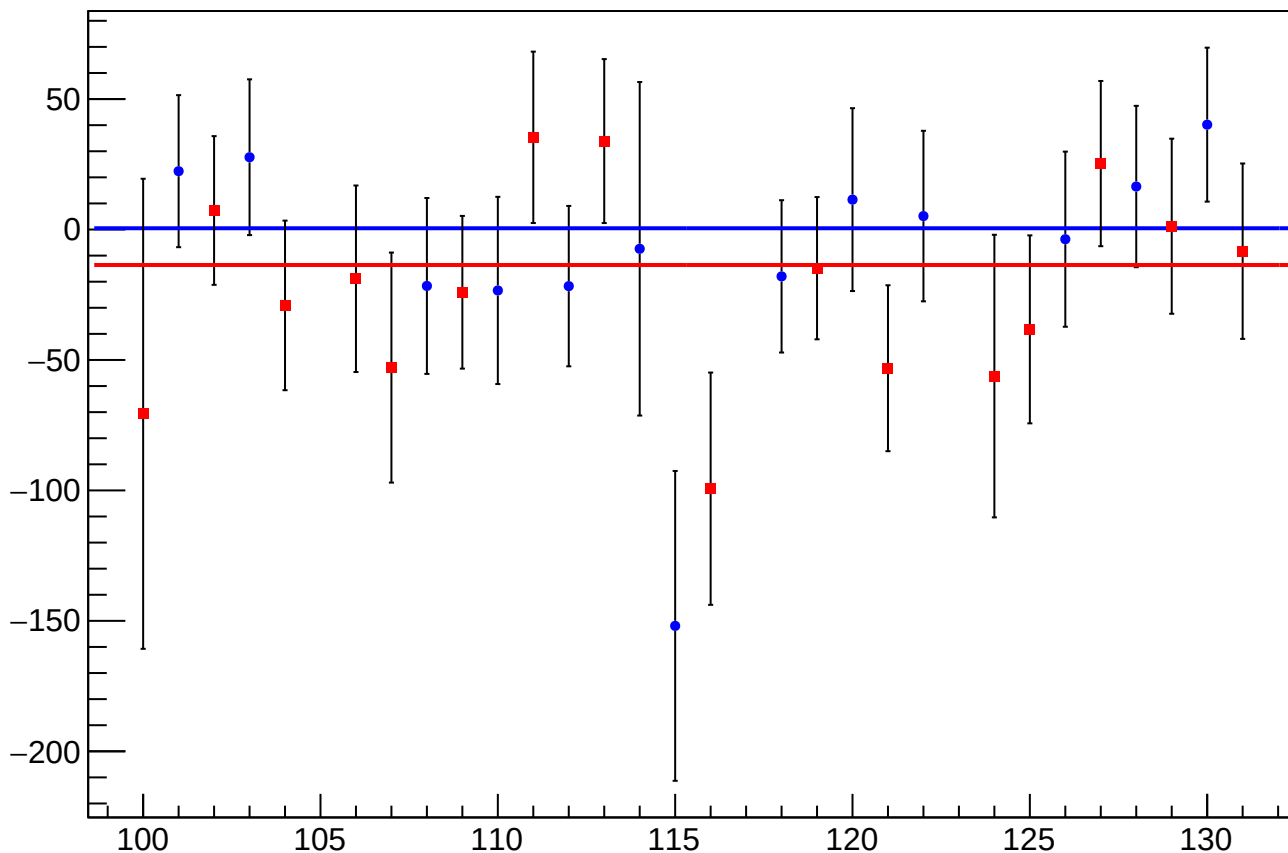
Right: 16.599+/-0.003 χ^2/NDF : 84059.4/28

In: 16.567+/-0.005 χ^2/NDF : 43269.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.599+/-0.003 χ^2/NDF : 84059.4/28

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.486+/-9.305 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.596+/-8.630 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

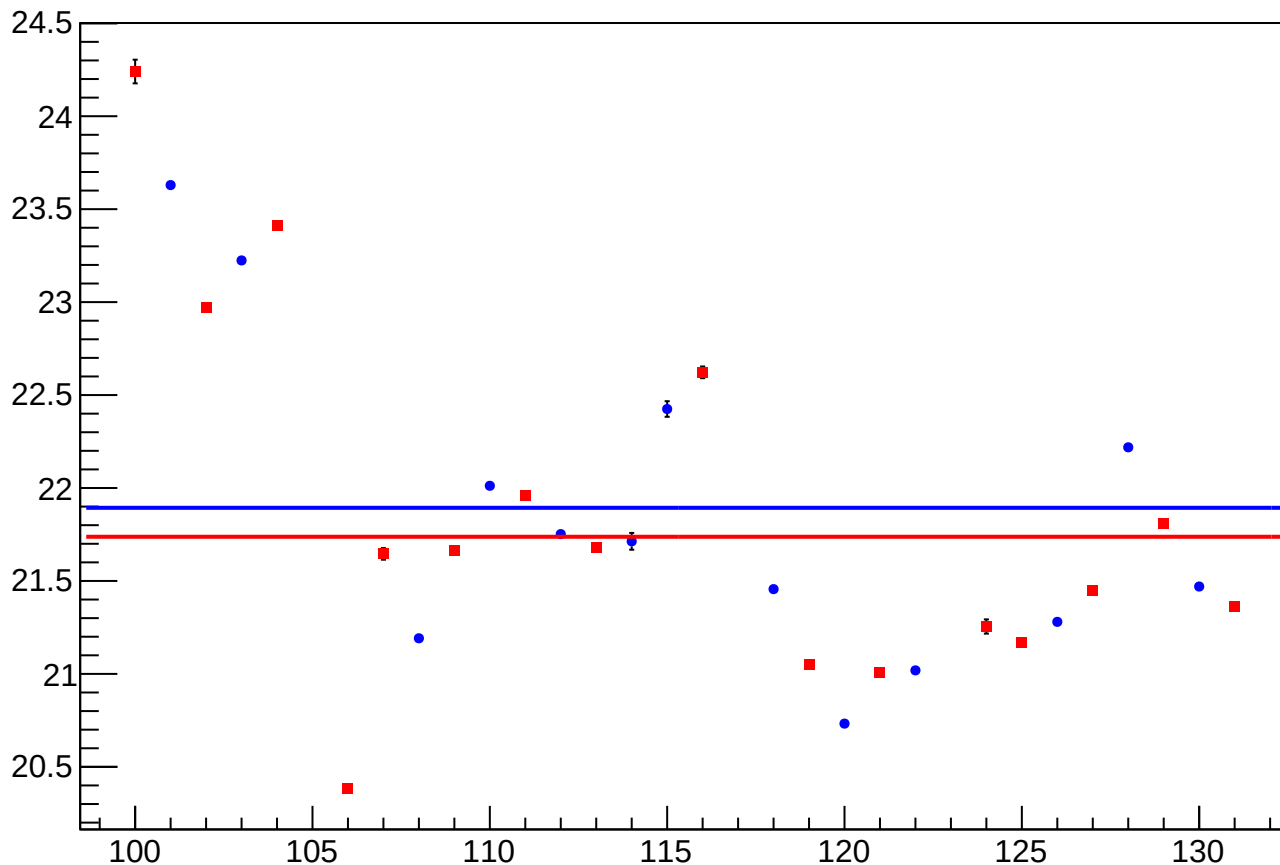
Right: -7.084+/-6.328 χ^2/NDF : 27.9/28

In: 0.486+/-9.305 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.084+/-6.328 χ^2/NDF : 27.9/28

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.894+/-0.007 χ^2/NDF : 17556.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.738+/-0.006 χ^2/NDF : 17799.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

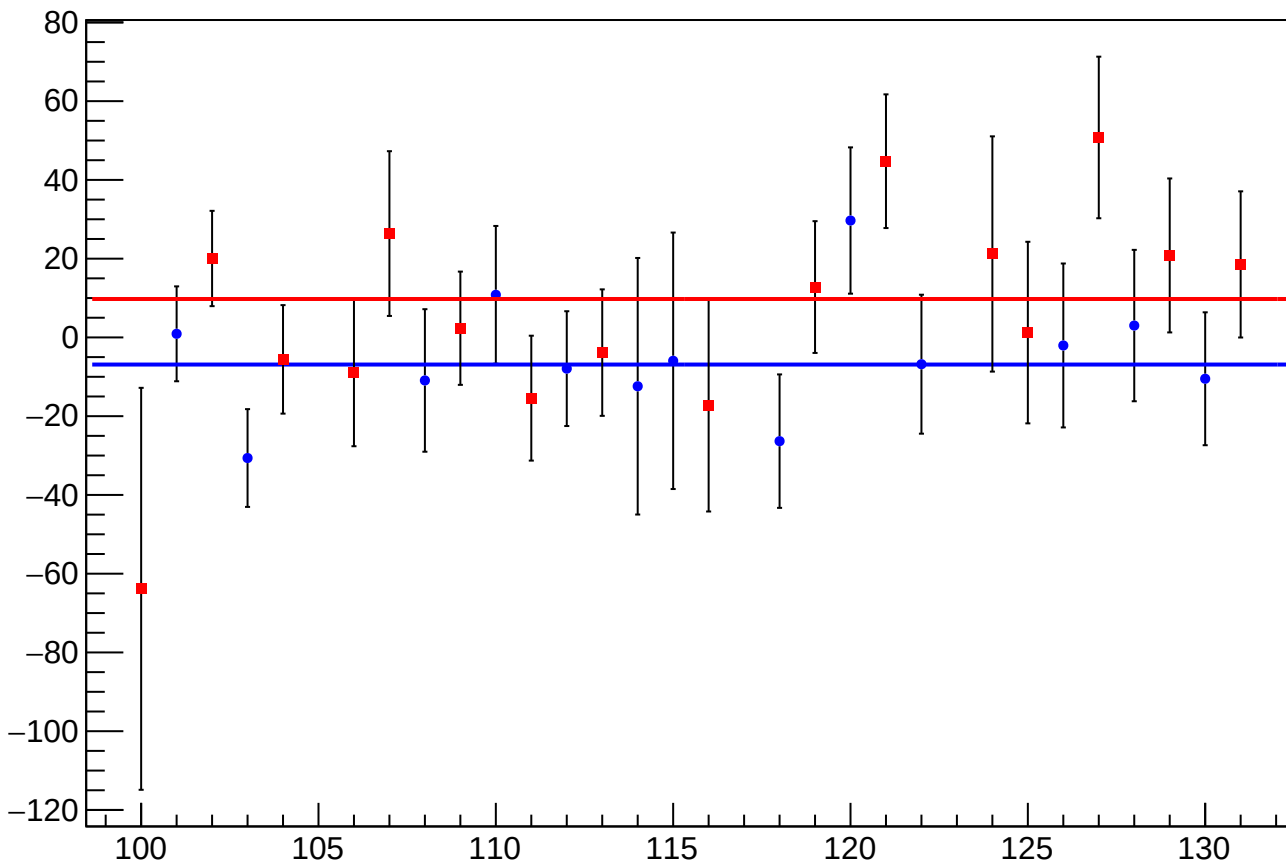
Right: 21.810+/-0.004 χ^2/NDF : 35657.4/28

In: 21.894+/-0.007 χ^2/NDF : 17556.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.810+/-0.004 χ^2/NDF : 35657.4/28

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.888+/-4.745 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.758+/-4.488 χ^2/NDF : 19.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

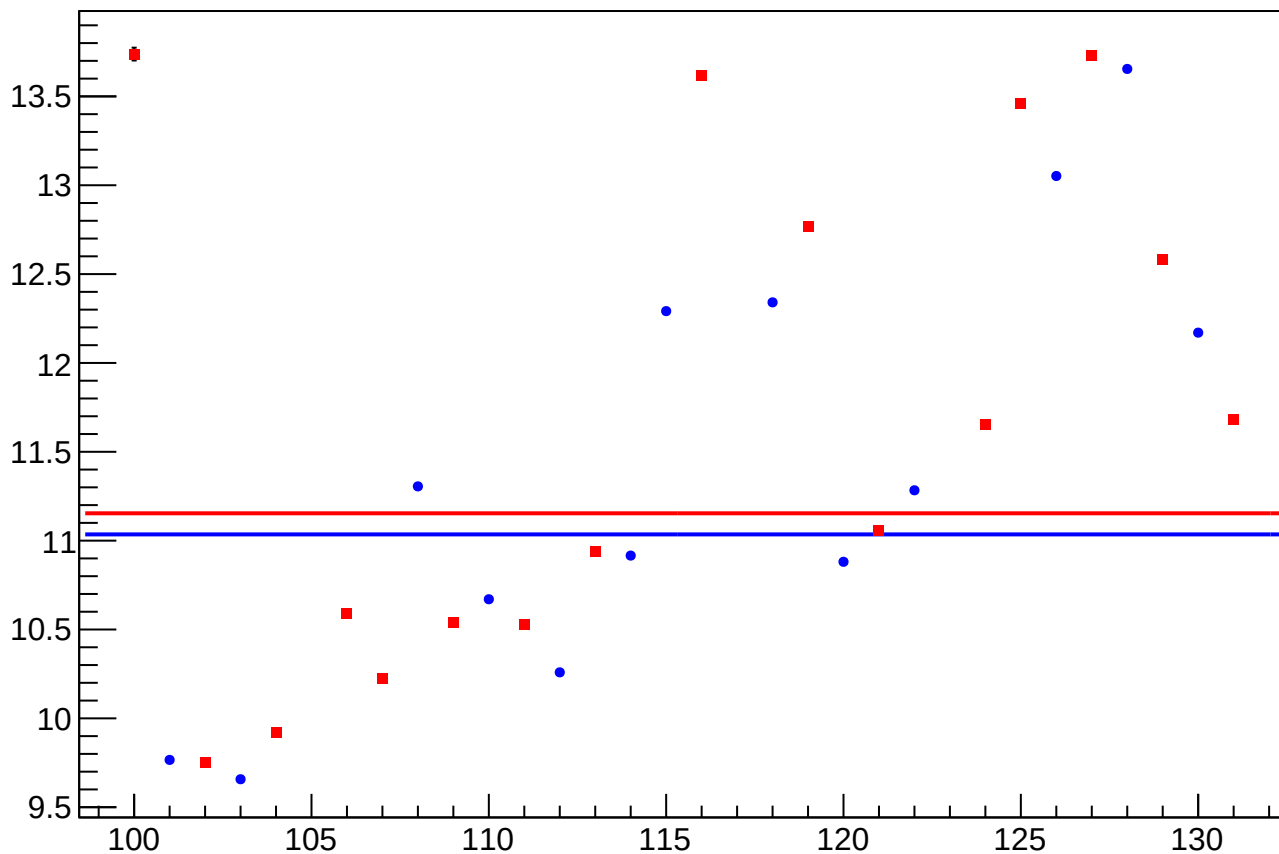
Right: 1.899+/-3.261 χ^2/NDF : 36.5/28

In: -6.888+/-4.745 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.899+/-3.261 χ^2/NDF : 36.5/28

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.154+/-0.003 χ^2/NDF : 160658.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

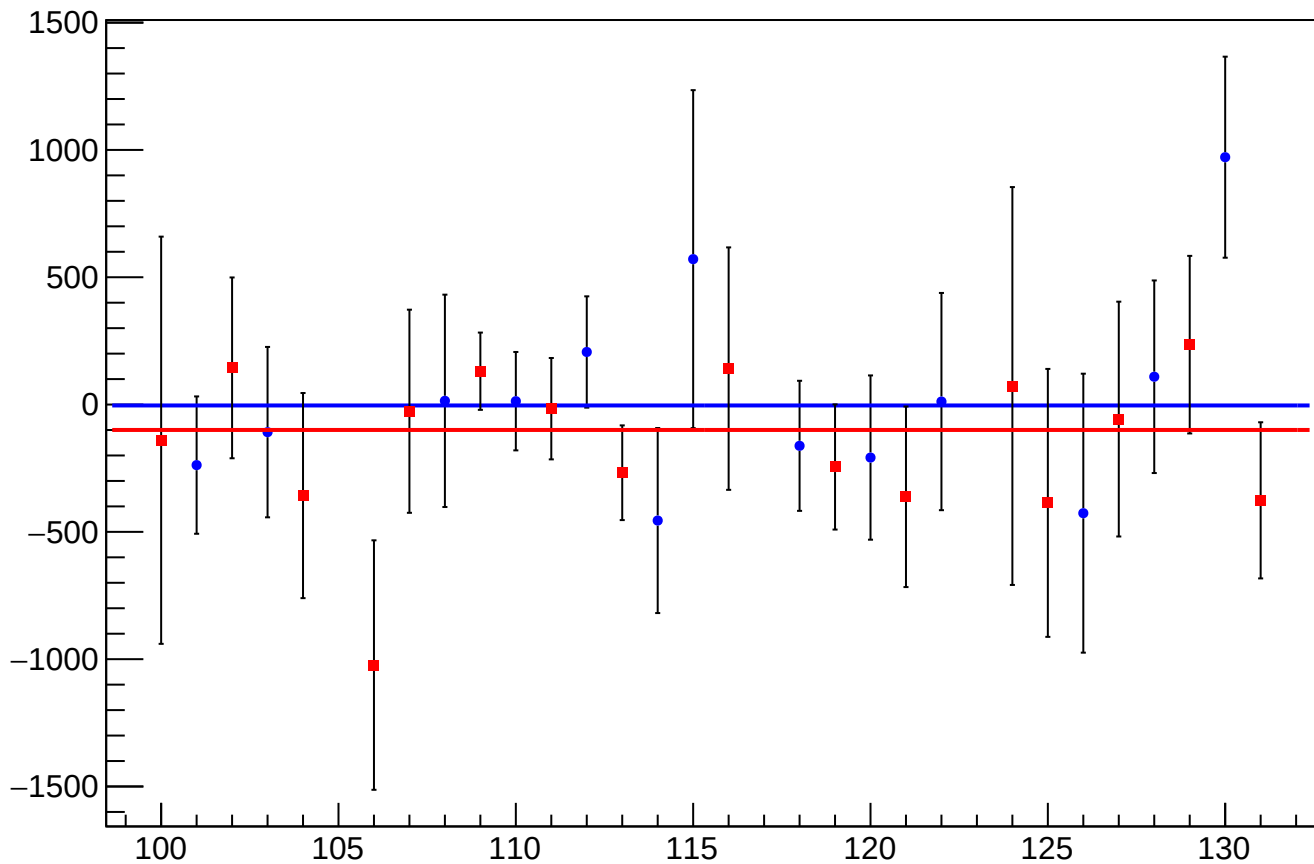
Right: 11.098+/-0.002 χ^2/NDF : 295500.1/28

In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.098+/-0.002 χ^2/NDF : 295500.1/28

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -3.549+/-86.656 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.765+/-74.241 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

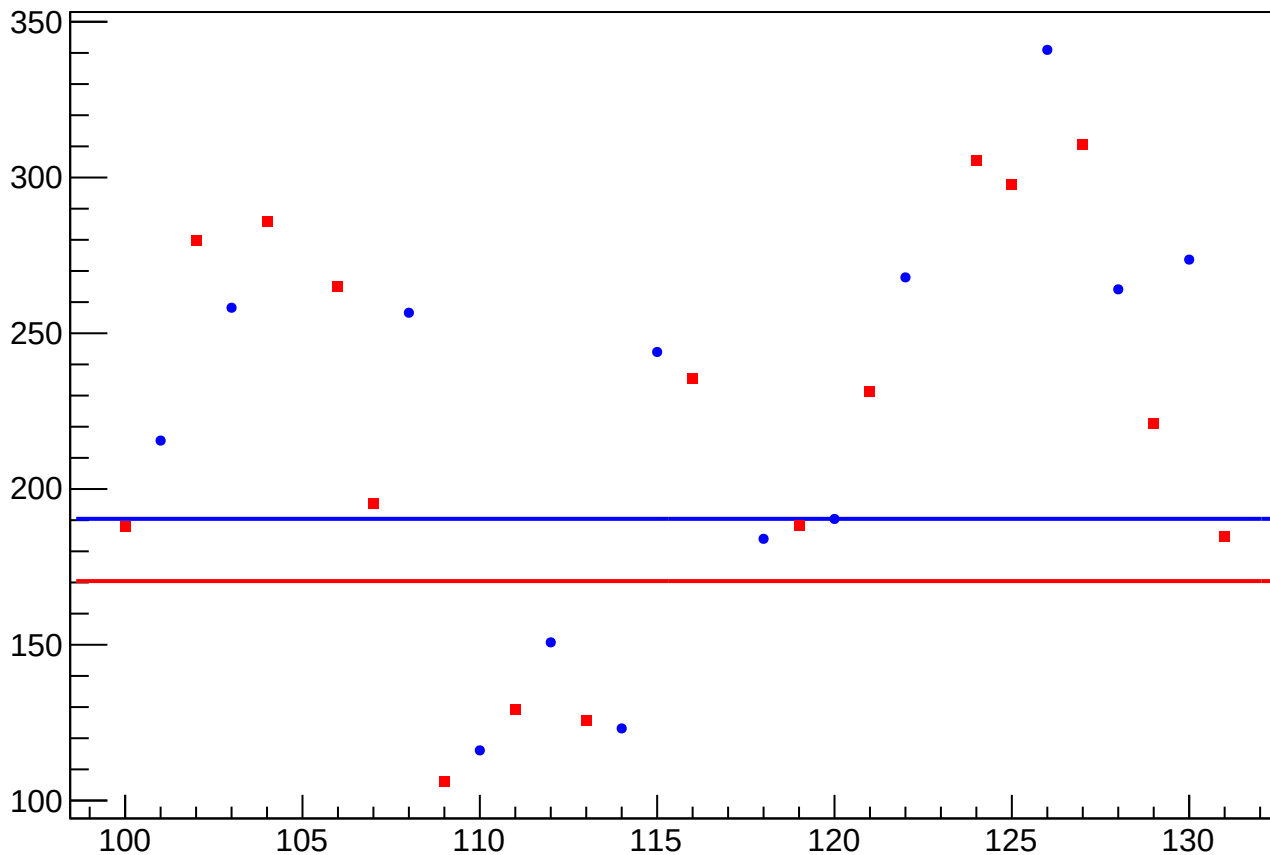
Right: -59.037+/-56.380 χ^2/NDF : 23.4/28

In: -3.549+/-86.656 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.037+/-56.380 χ^2/NDF : 23.4/28

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.432+/-0.061 χ^2/NDF : 976206.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.452+/-0.052 χ^2/NDF : 1512150.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

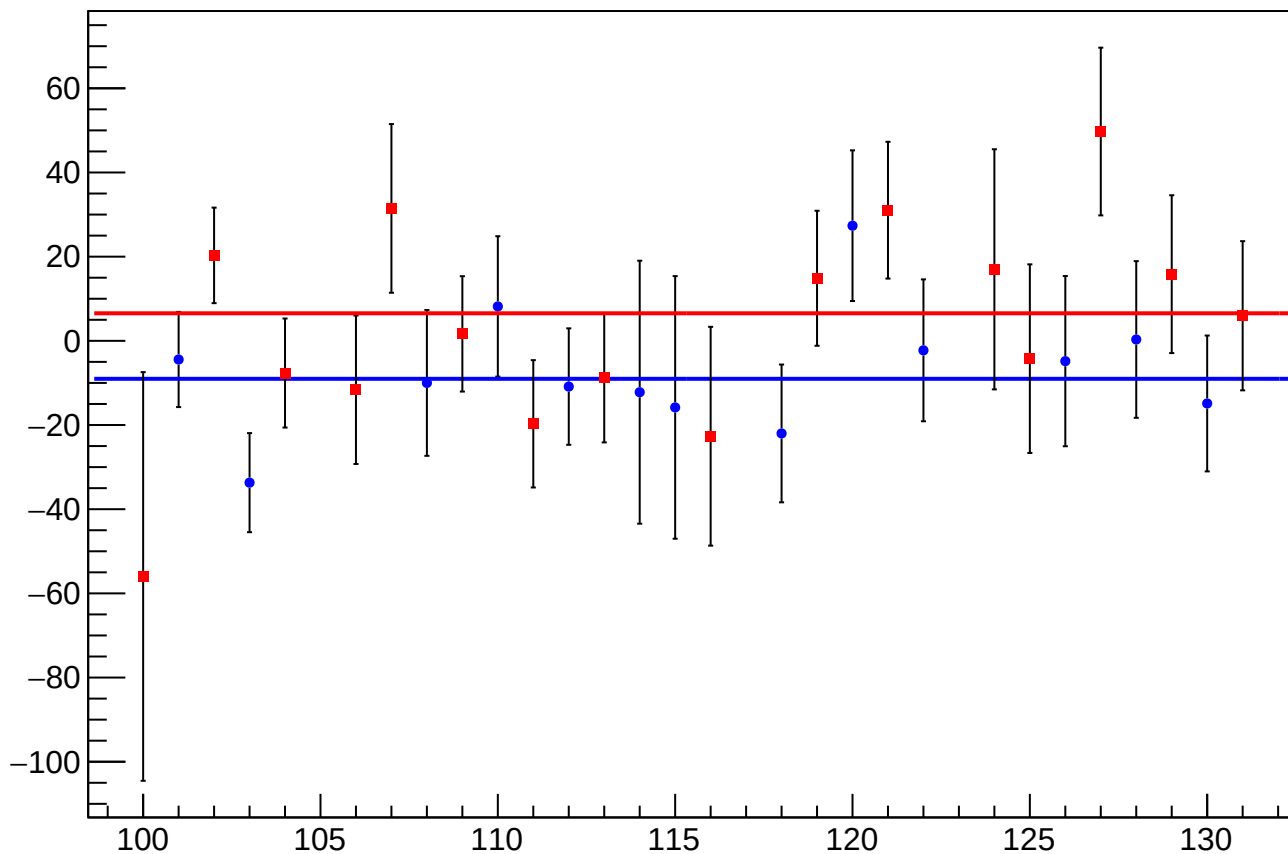
Right: 178.909+/-0.040 χ^2/NDF : 2549675.9/28

In: 190.432+/-0.061 χ^2/NDF : 976206.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.909+/-0.040 χ^2/NDF : 2549675.9/28

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.020+/-4.527 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.546+/-4.275 χ^2/NDF : 20.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

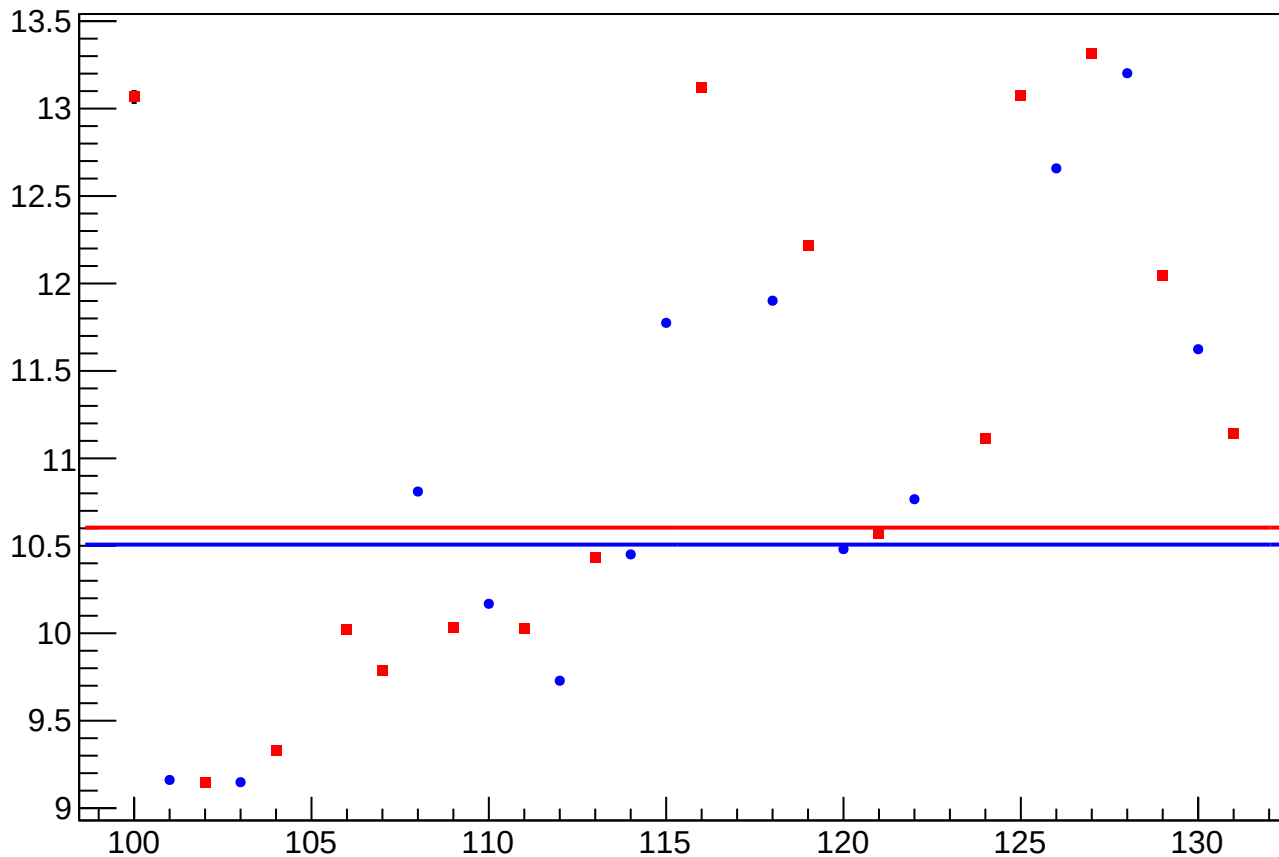
Right: -0.792+/-3.108 χ^2/NDF : 37.5/28

In: -9.020+/-4.527 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.792+/-3.108 χ^2/NDF : 37.5/28

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.604+/-0.003 χ^2/NDF : 184282.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

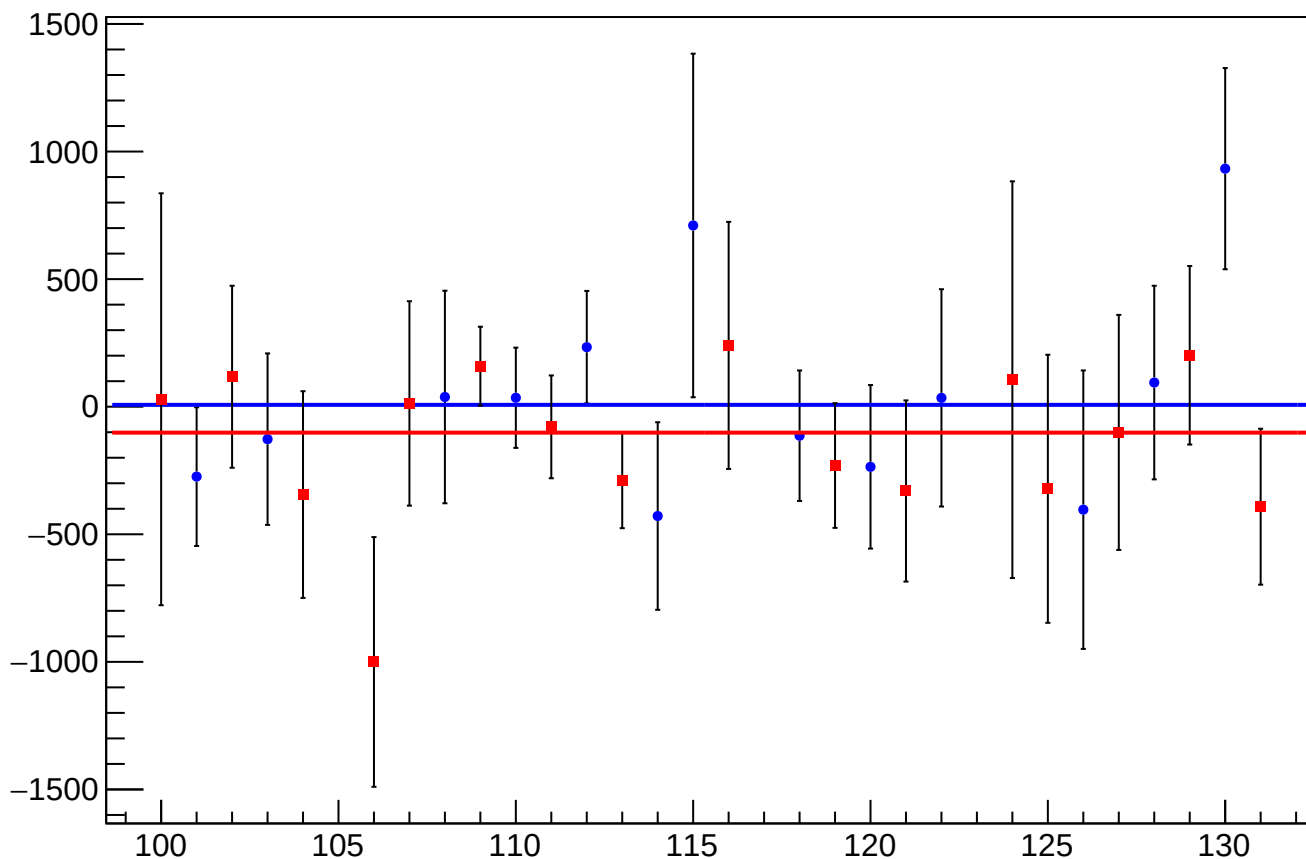
Right: 10.558+/-0.002 χ^2/NDF : 340046.0/28

In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.558+/-0.002 χ^2/NDF : 340046.0/28

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.672+/-74.870 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

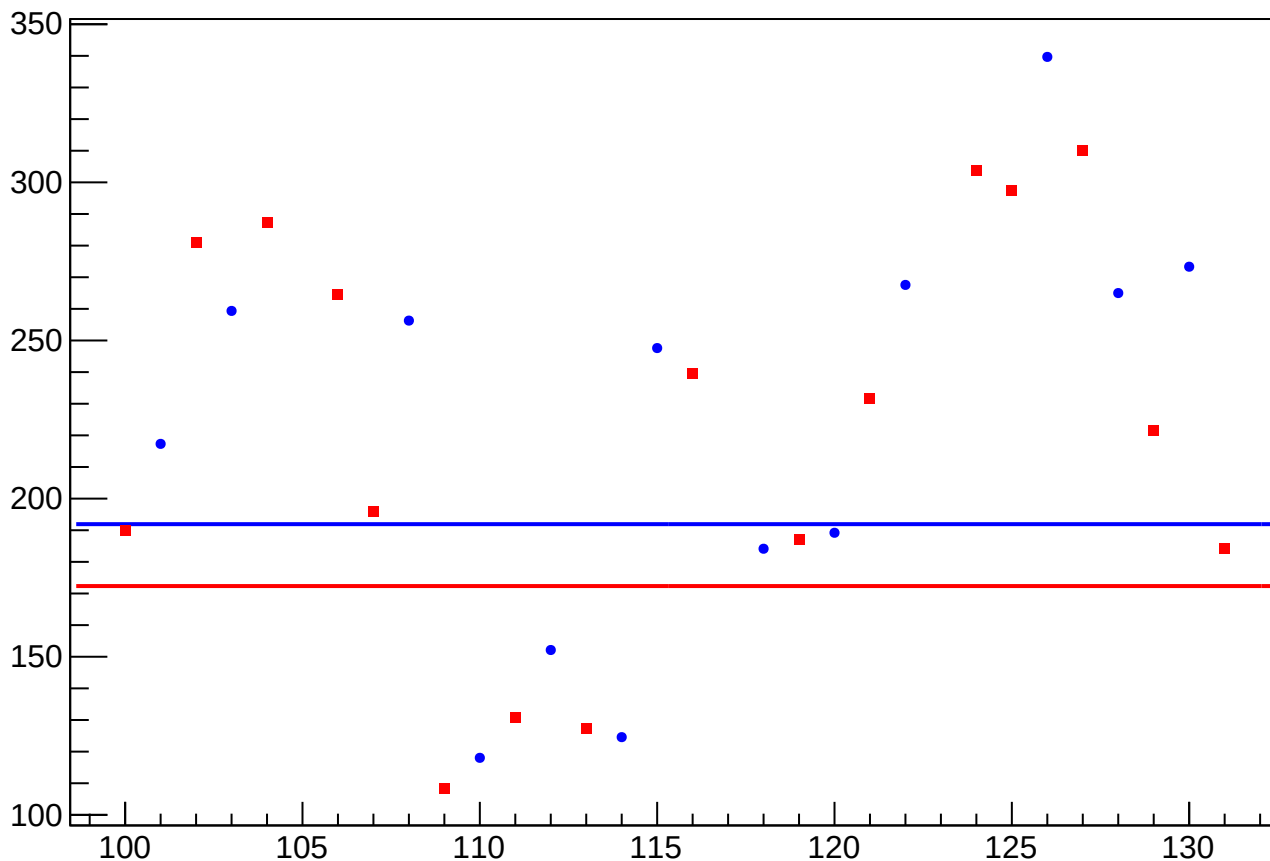
Right: -55.429+/-56.799 χ^2/NDF : 23.8/28

In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.429+/-56.799 χ^2/NDF : 23.8/28

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.350+/-0.053 χ^2/NDF : 1462289.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

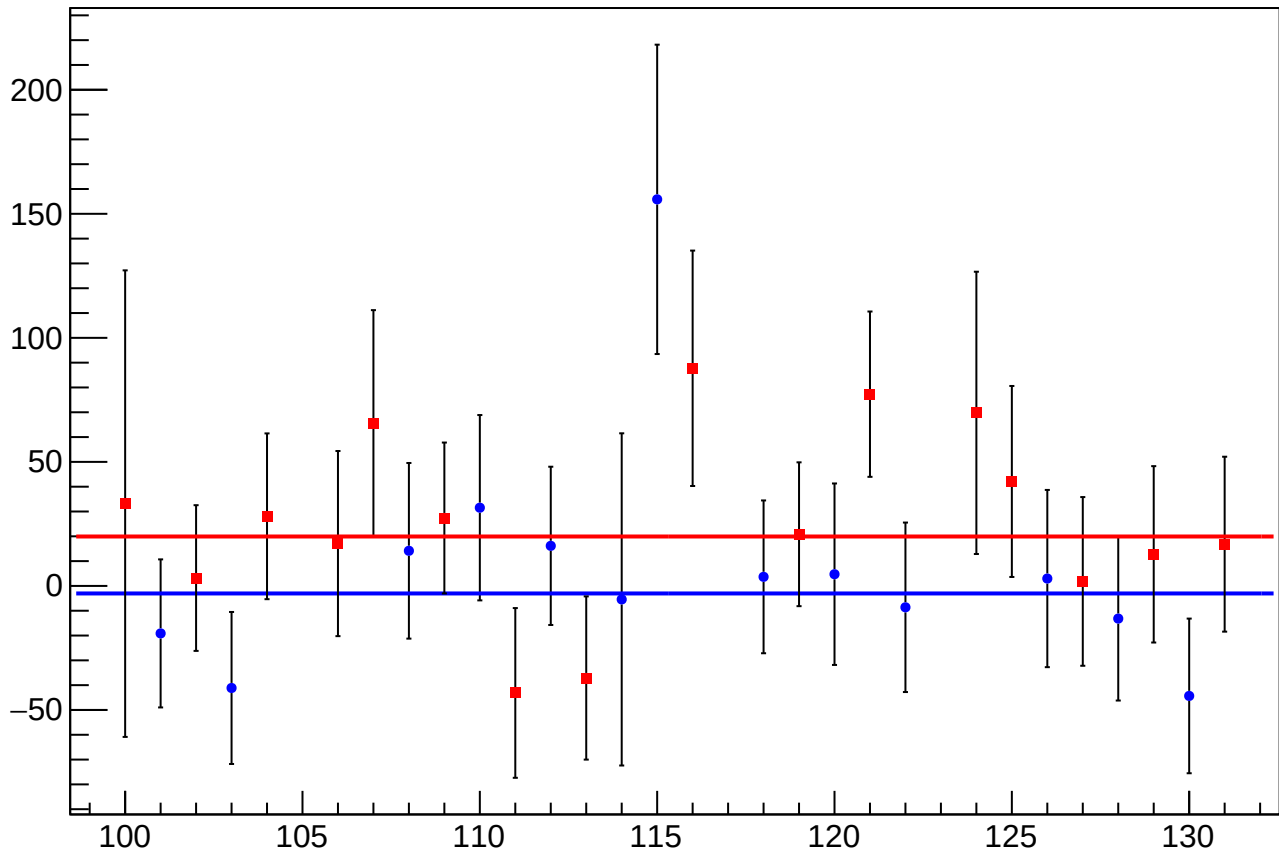
Right: 180.658+/-0.040 χ^2/NDF : 2466432.6/28

In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.658+/-0.040 χ^2/NDF : 2466432.6/28

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.036+/-9.734 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.926+/-9.052 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

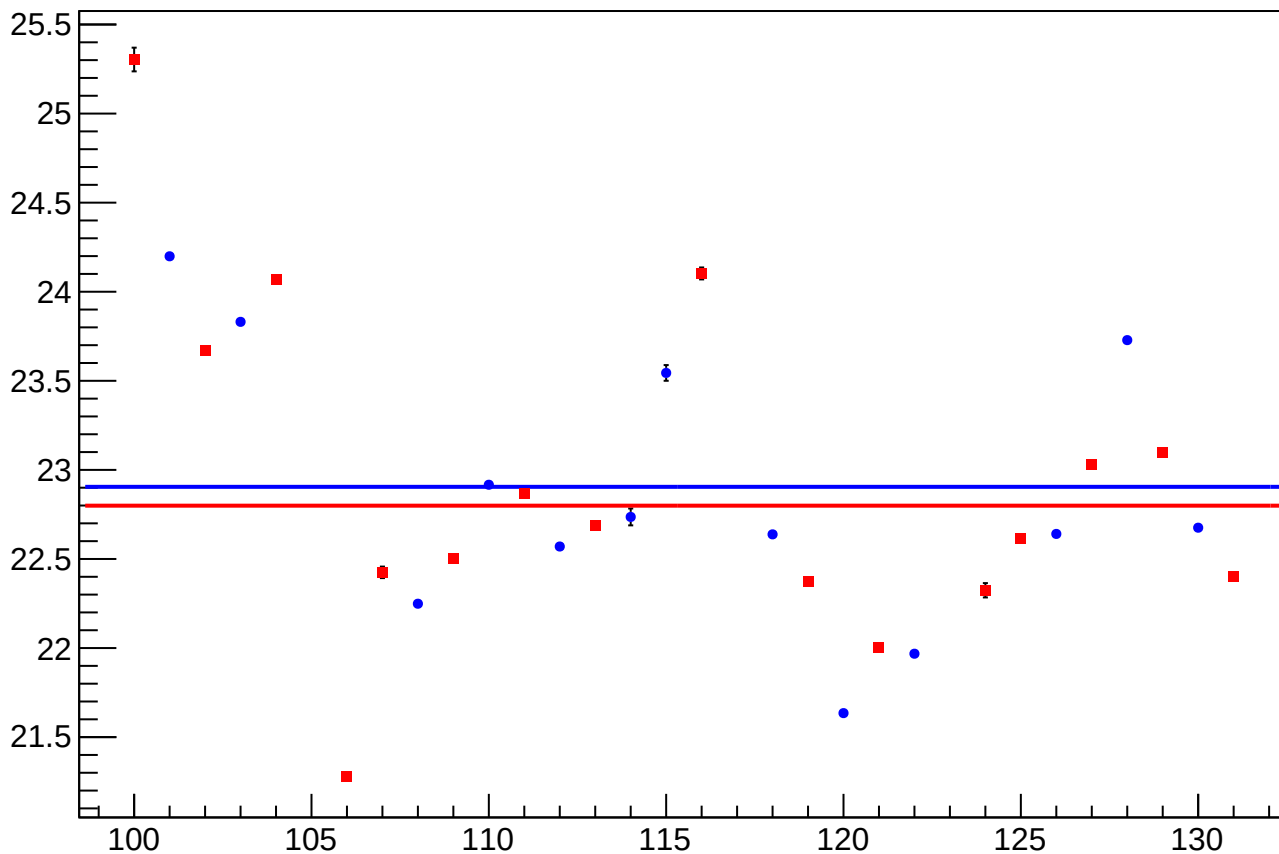
Right: 9.278+/-6.629 χ^2/NDF : 29.1/28

In: -3.036+/-9.734 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.278+/-6.629 χ^2/NDF : 29.1/28

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.799+/-0.006 χ^2/NDF : 13470.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

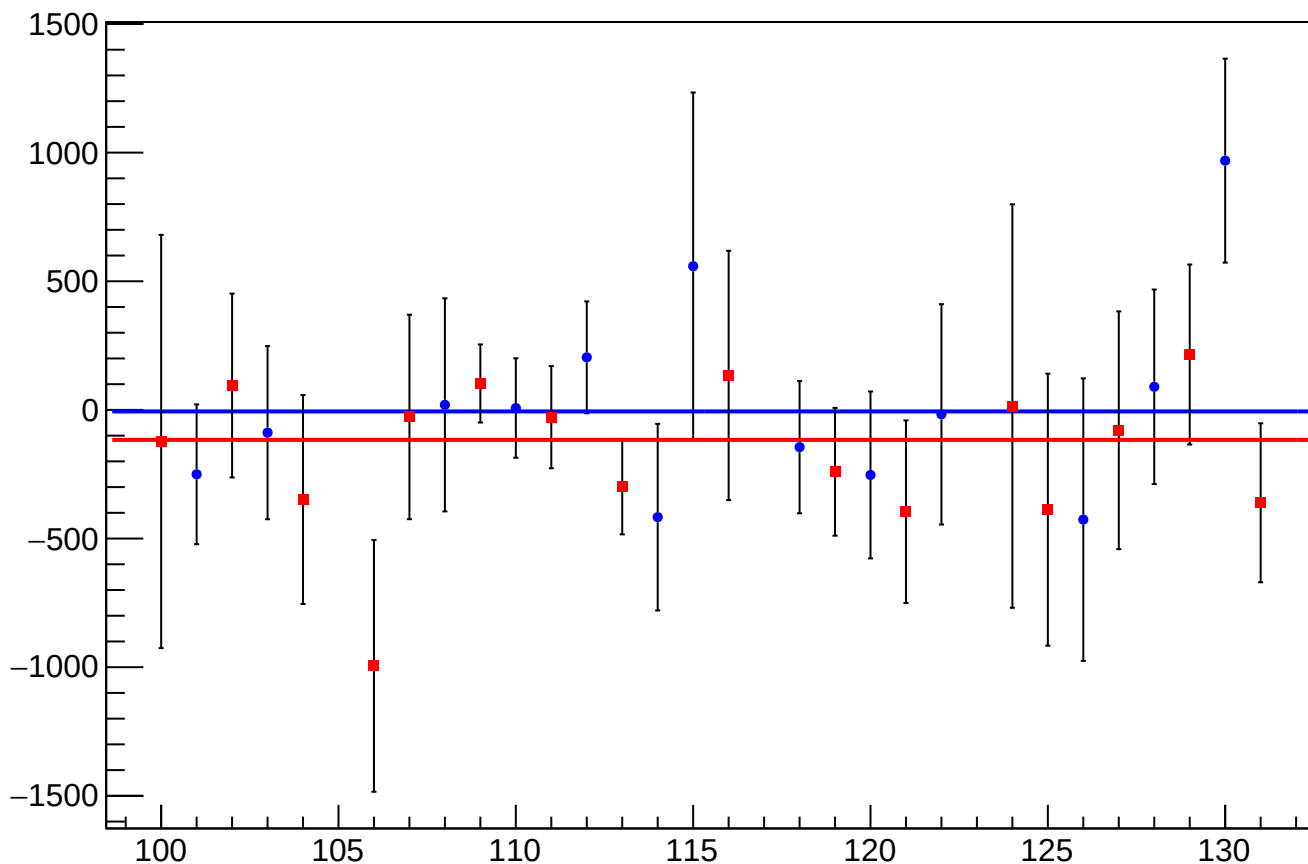
Right: 22.848+/-0.005 χ^2/NDF : 25842.3/28

In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.848+/-0.005 χ^2/NDF : 25842.3/28

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -5.875 ± 86.820 $\chi^2/\text{NDF}: 11.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -116.474 ± 74.390 $\chi^2/\text{NDF}: 10.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

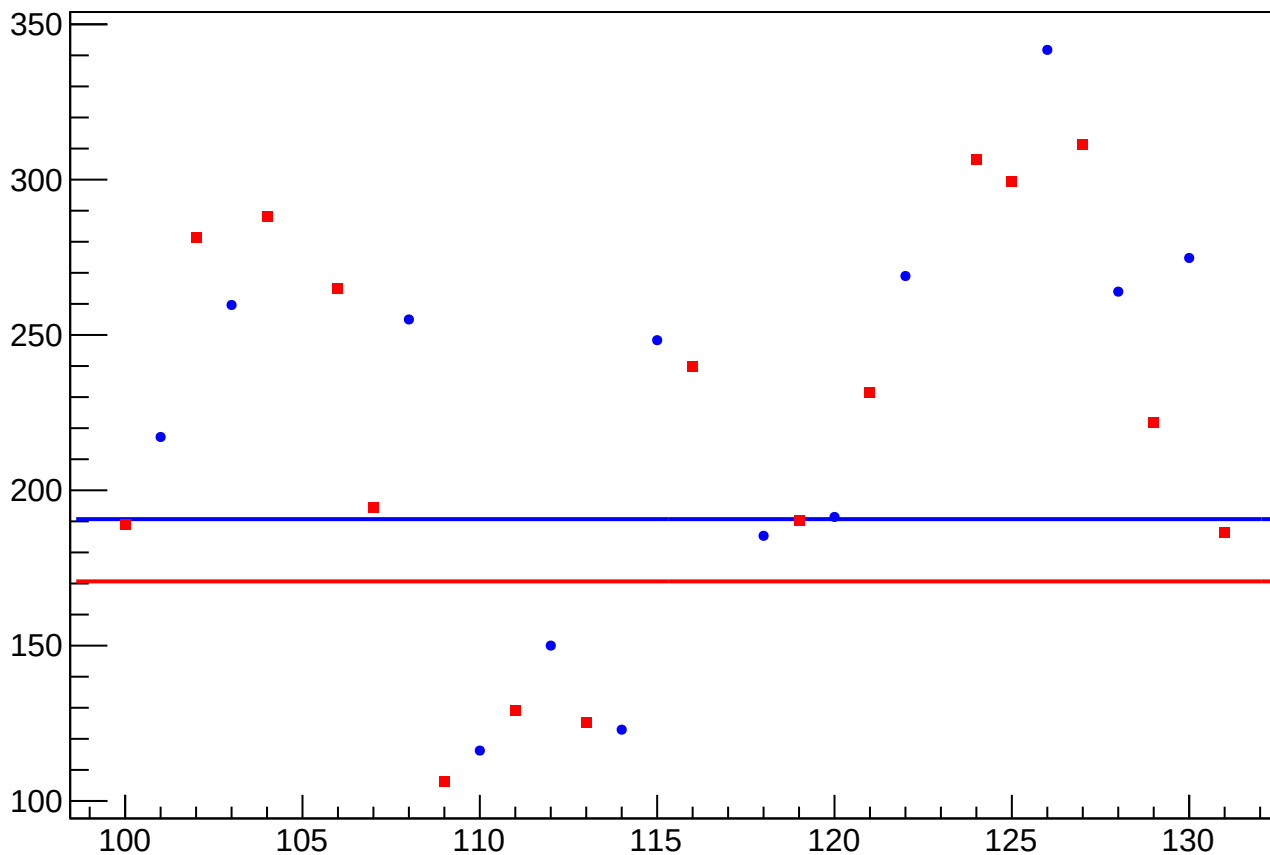
Right: -69.652 ± 56.490 $\chi^2/\text{NDF}: 22.5/28$

In: -5.875 ± 86.820 $\chi^2/\text{NDF}: 11.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -69.652 ± 56.490 $\chi^2/\text{NDF}: 22.5/28$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.684+/-0.053 χ^2/NDF : 1532244.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

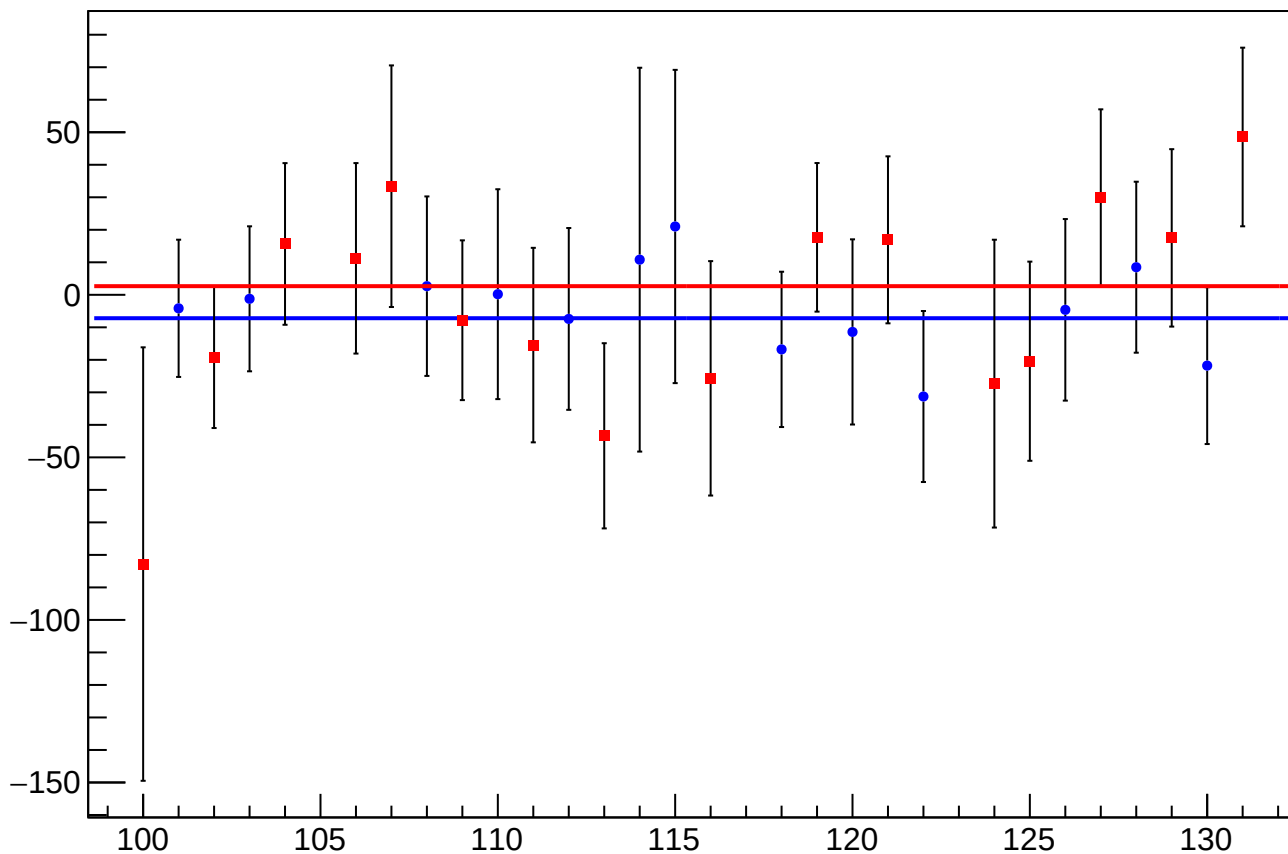
Right: 179.166+/-0.040 χ^2/NDF : 2580083.9/28

In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.166+/-0.040 χ^2/NDF : 2580083.9/28

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.197 $\pm$ 7.580 χ^2 /NDF: 2.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.660 $\pm$ 7.135 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

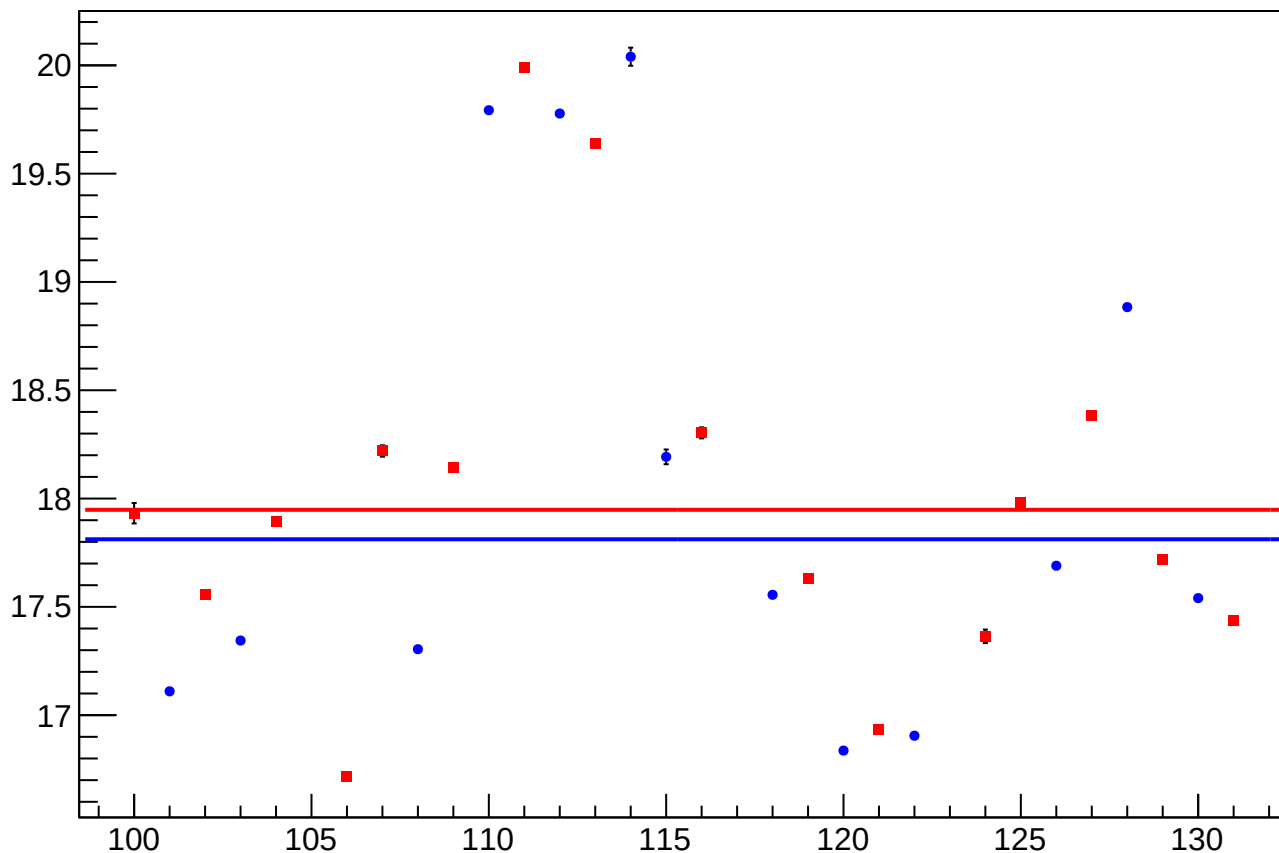
Right: -1.970 $\pm$ 5.195 χ^2 /NDF: 16.7/28

In: -7.197 $\pm$ 7.580 χ^2 /NDF:2.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.970 $\pm$ 5.195 χ^2 /NDF: 16.7/28

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.812+/-0.005 χ^2/NDF : 32722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.948+/-0.005 χ^2/NDF : 26170.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

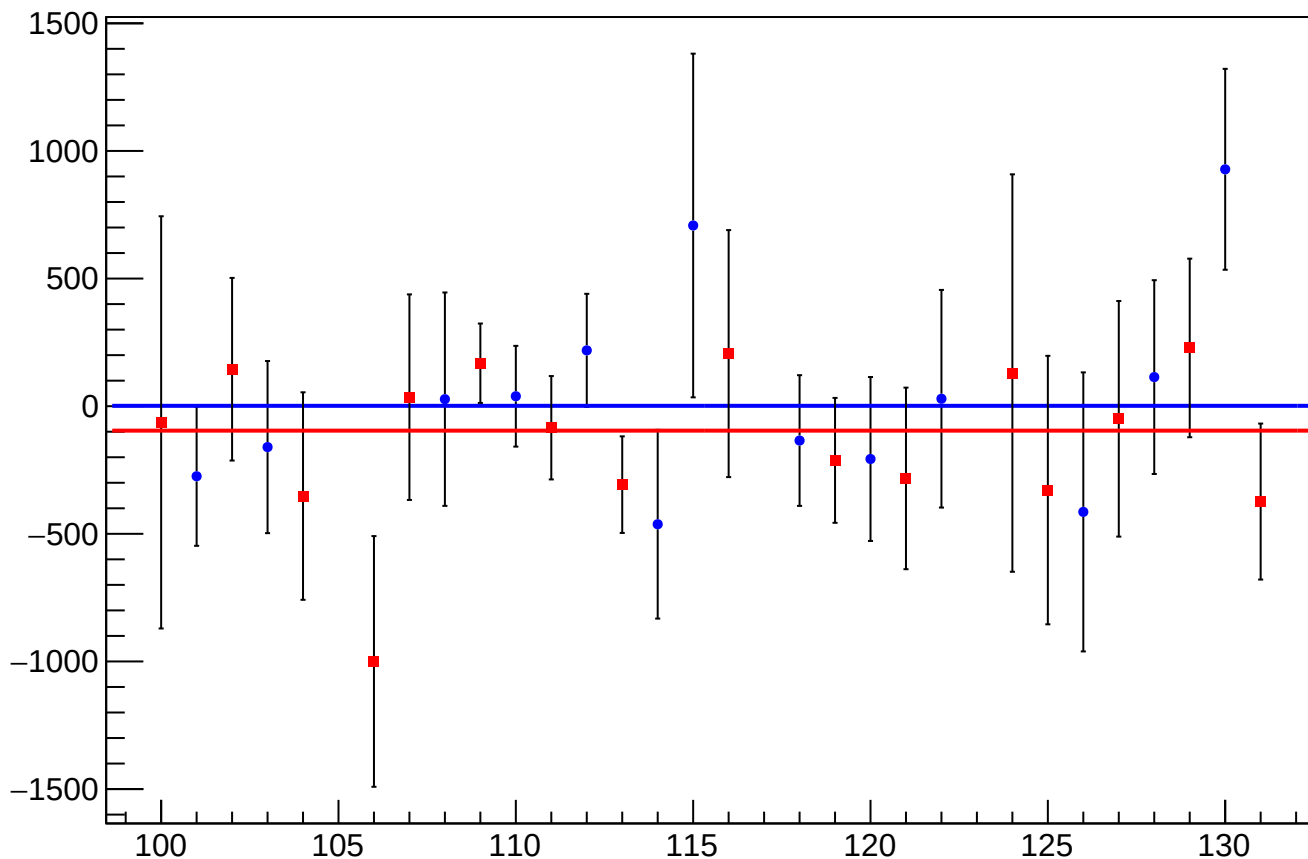
Right: 17.884+/-0.004 χ^2/NDF : 59234.9/28

In: 17.812+/-0.005 χ^2/NDF : 32722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.884+/-0.004 χ^2/NDF : 59234.9/28

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.735+/-75.139 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

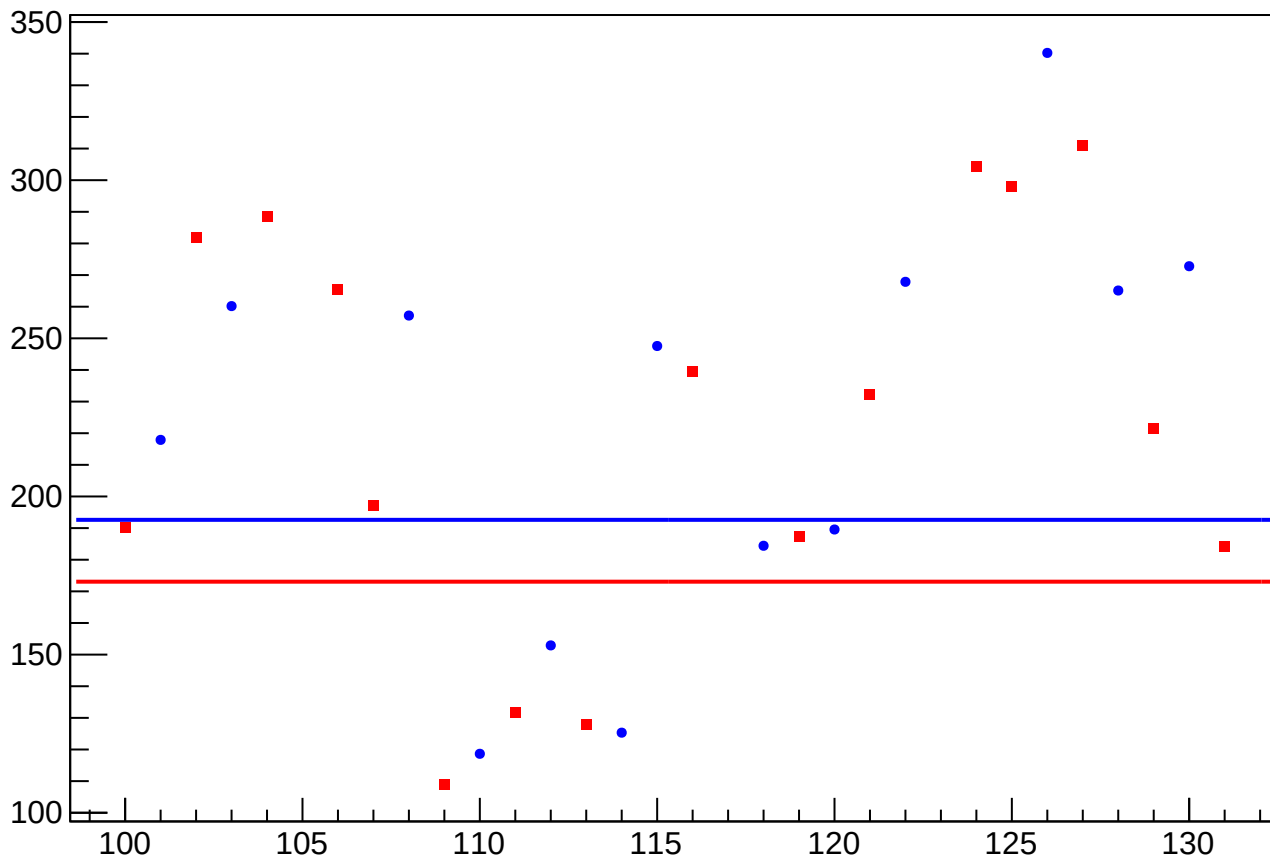
Right: -54.455+/-56.992 χ^2/NDF : 23.9/28

In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.455+/-56.992 χ^2/NDF : 23.9/28

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.060+/-0.053 χ^2/NDF : 1451325.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

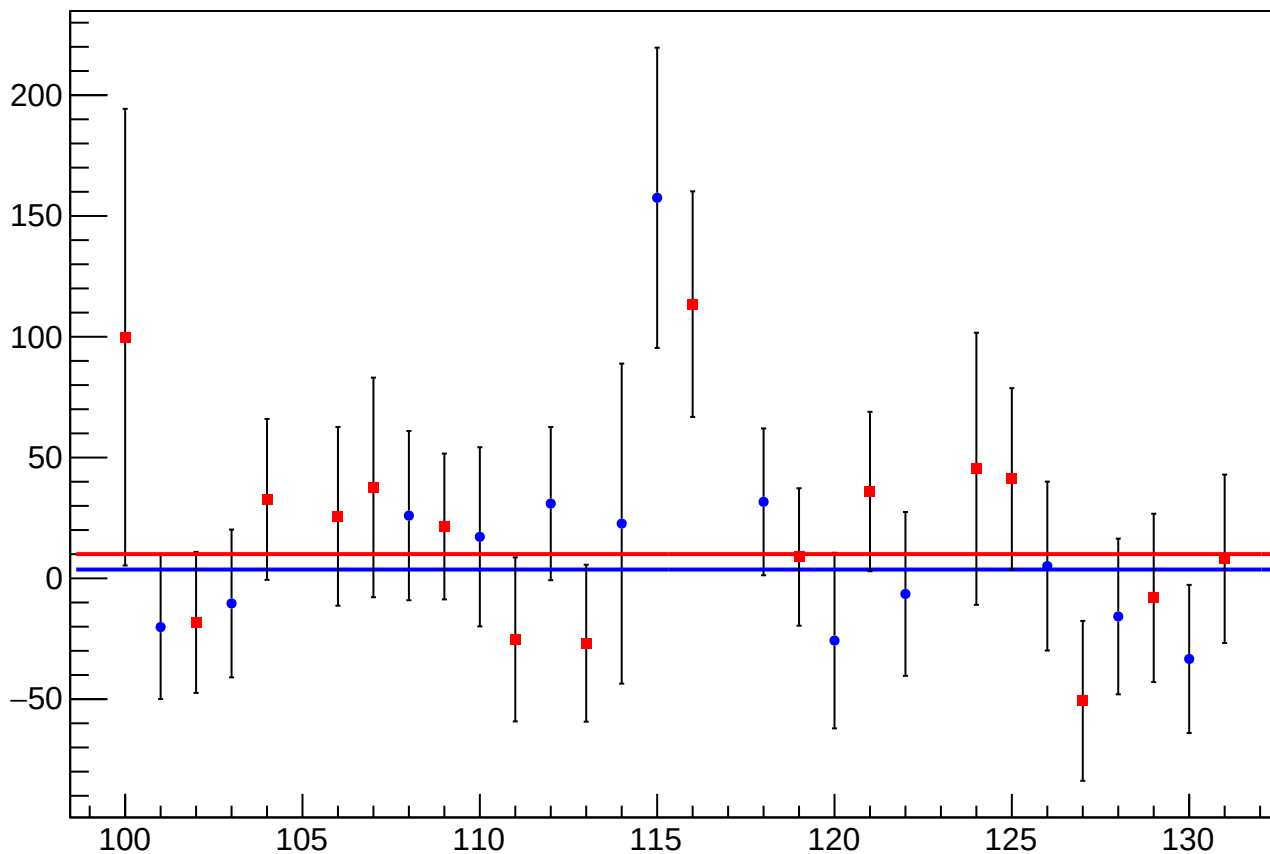
Right: 181.363+/-0.040 χ^2/NDF : 2445345.4/28

In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.363+/-0.040 χ^2/NDF : 2445345.4/28

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.037+/-8.940 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

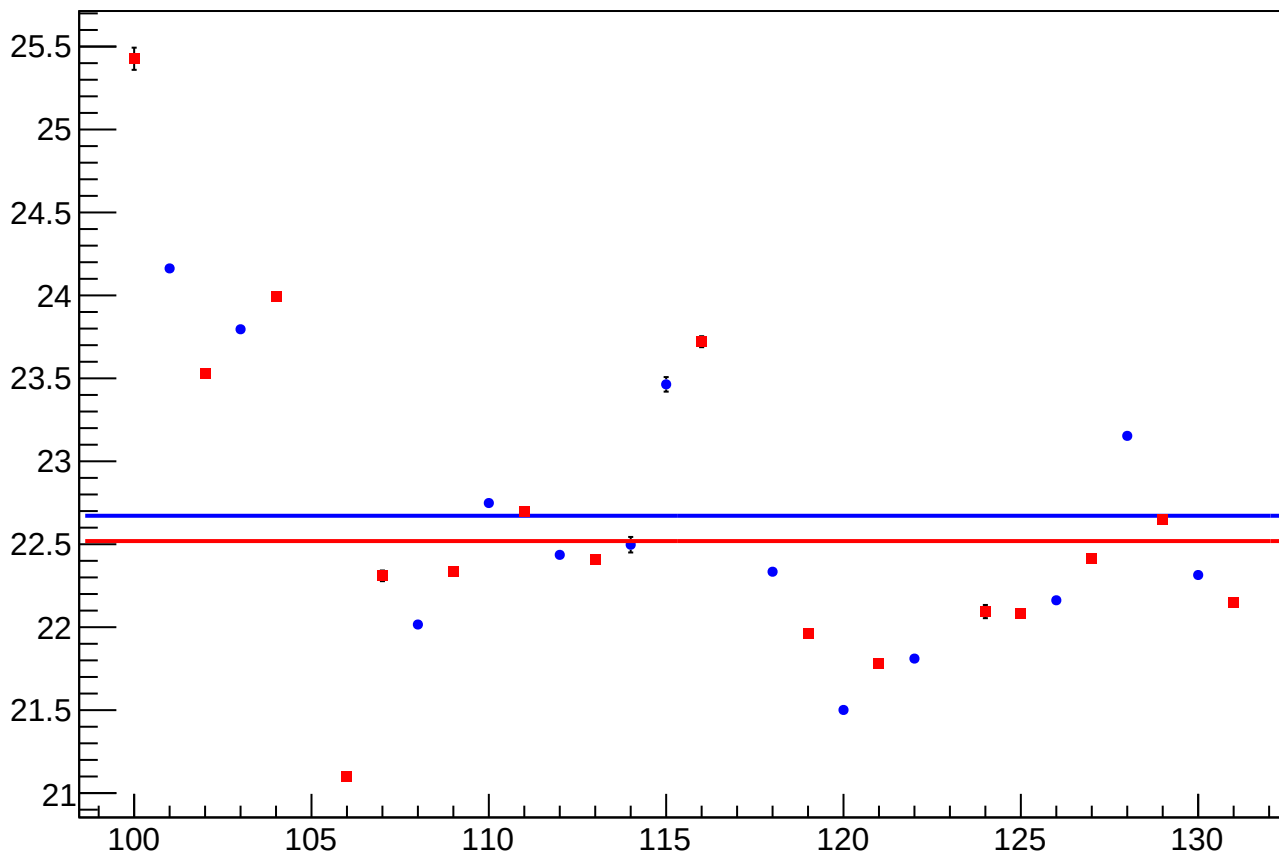
Right: 7.082+/-6.553 χ^2/NDF : 27.6/28

In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.082+/-6.553 χ^2/NDF : 27.6/28

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.519+/-0.006 χ^2/NDF : 15083.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

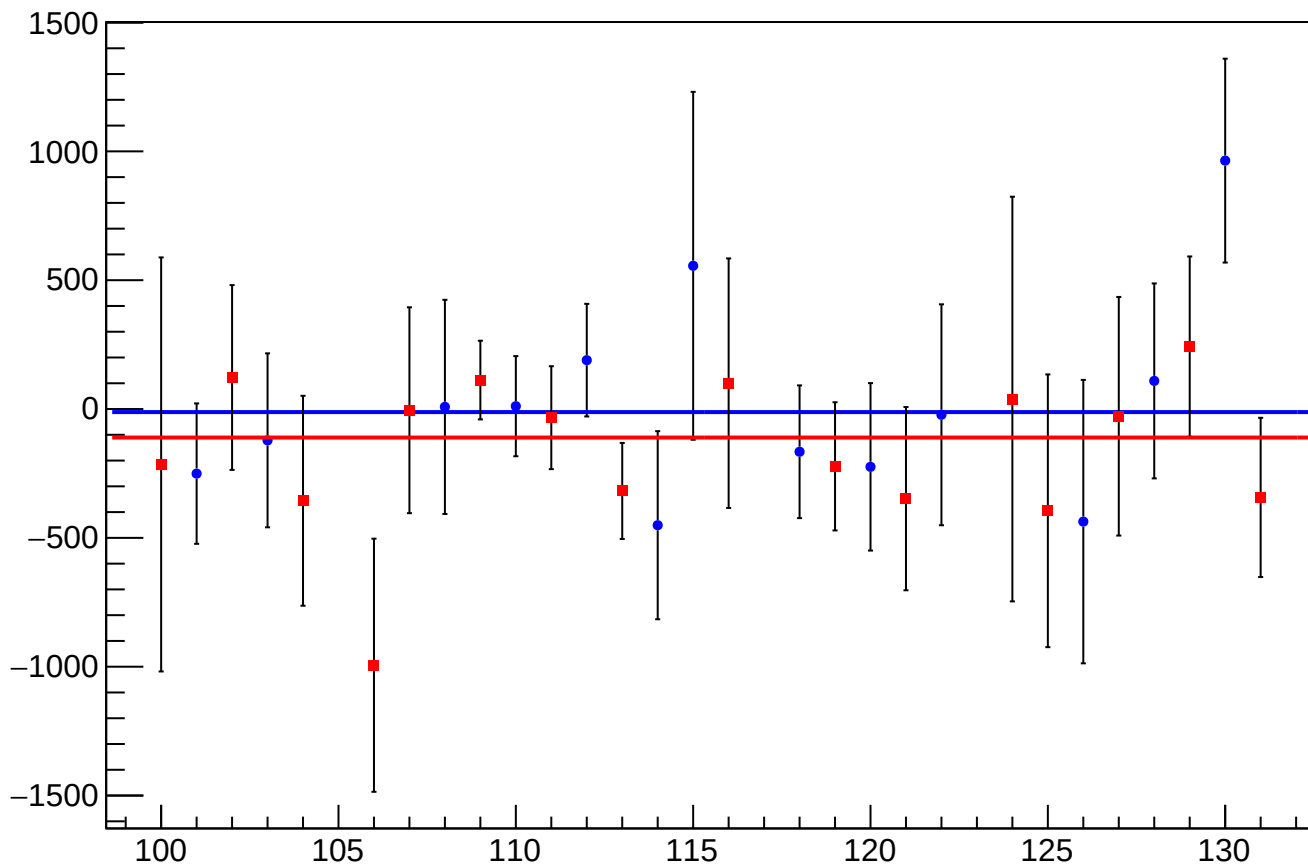
Right: 22.590+/-0.005 χ^2/NDF : 28973.1/28

In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.590+/-0.005 χ^2/NDF : 28973.1/28

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -11.852 ± 87.096 $\chi^2/\text{NDF}: 11.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -110.681 ± 74.664 $\chi^2/\text{NDF}: 10.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

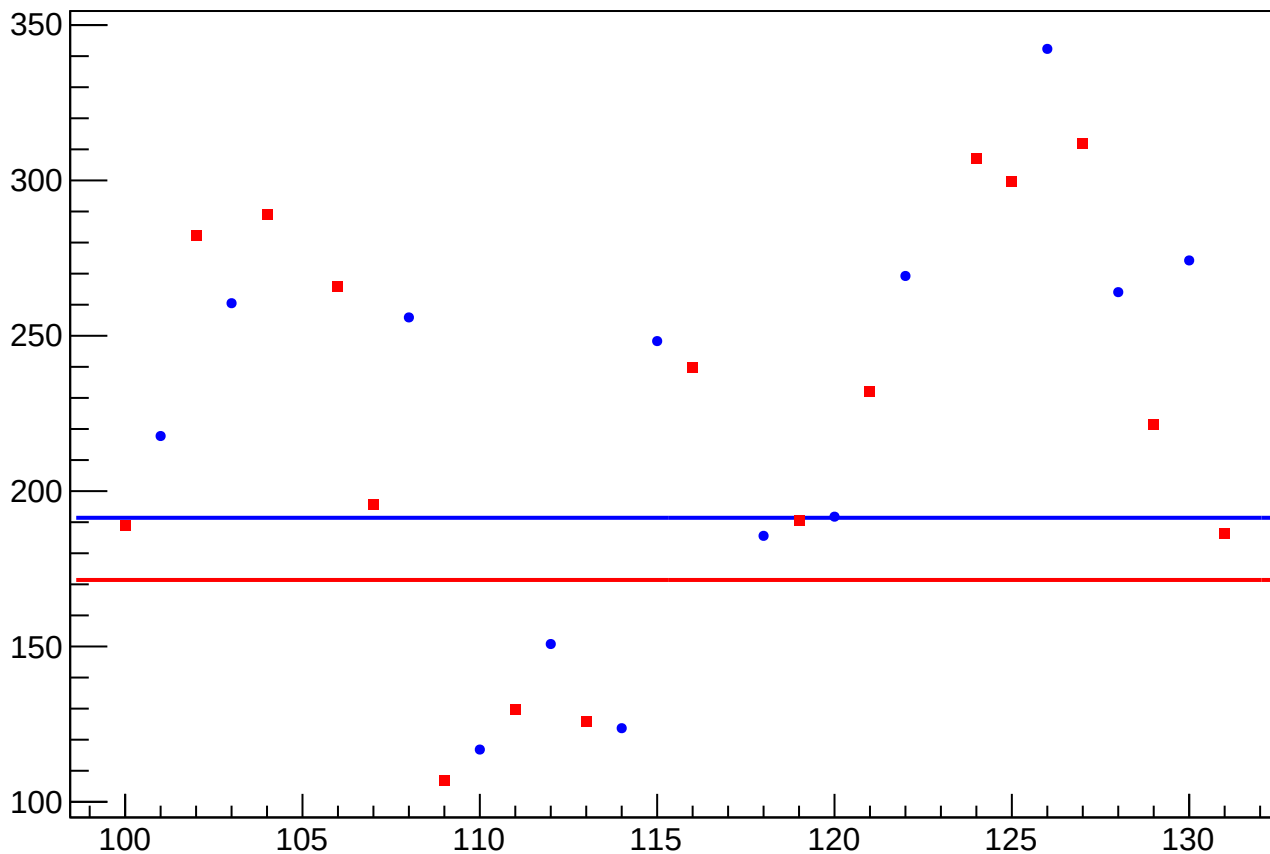
Right: -68.818 ± 56.686 $\chi^2/\text{NDF}: 22.6/28$

In: -11.852 ± 87.096 $\chi^2/\text{NDF}: 11.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -68.818 ± 56.686 $\chi^2/\text{NDF}: 22.6/28$

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.409+/-0.053 χ^2/NDF : 1520520.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

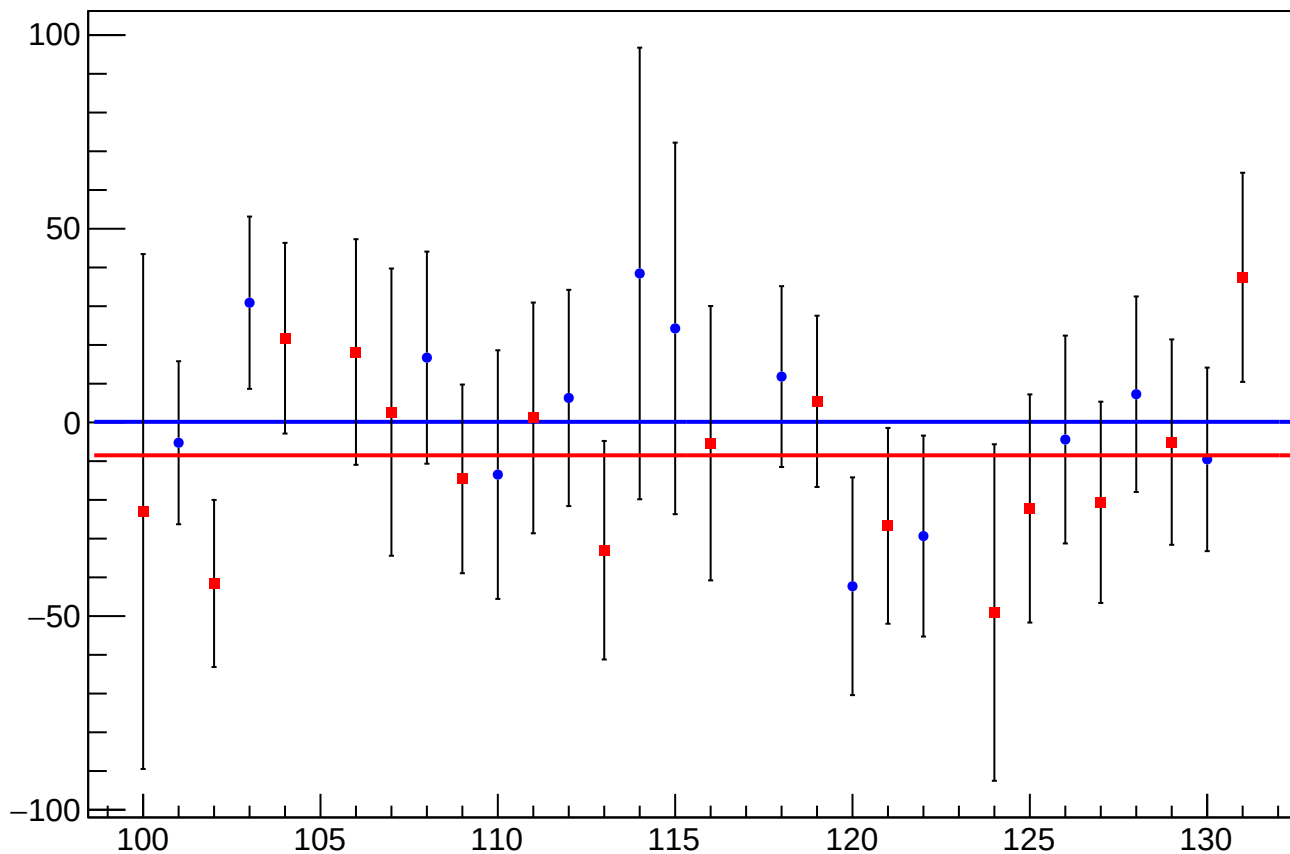
Right: 179.886+/-0.040 χ^2/NDF : 2557605.7/28

In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.886+/-0.040 χ^2/NDF : 2557605.7/28

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.152 ± 7.469 $\chi^2/\text{NDF}: 7.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.493 ± 7.007 $\chi^2/\text{NDF}: 10.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

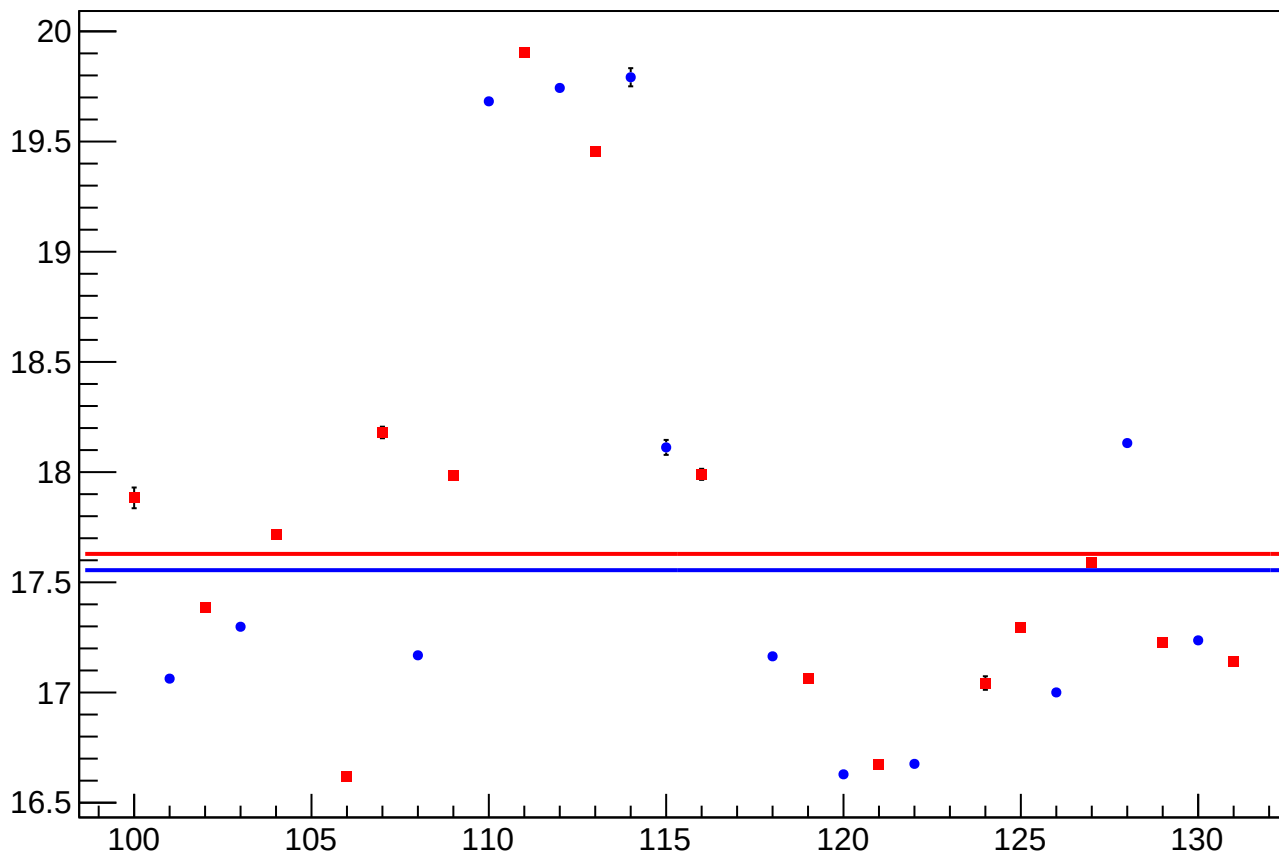
Right: -4.446 ± 5.110 $\chi^2/\text{NDF}: 19.0/28$

In: 0.152 ± 7.469 $\chi^2/\text{NDF}: 7.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.446 ± 5.110 $\chi^2/\text{NDF}: 19.0/28$

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.629+/-0.005 χ^2/NDF : 29735.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

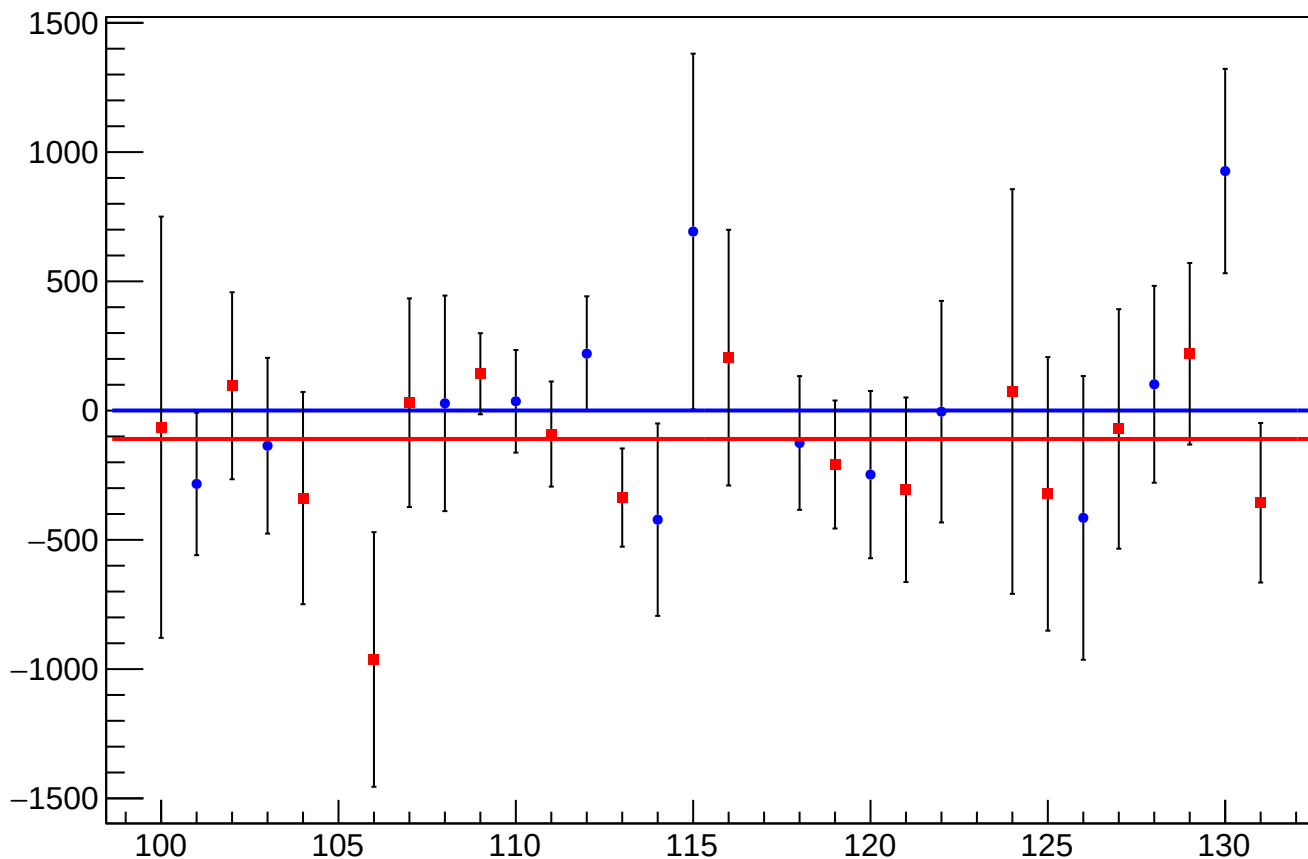
Right: 17.594+/-0.004 χ^2/NDF : 63179.6/28

In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.594+/-0.004 χ^2/NDF : 63179.6/28

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.746+/-75.680 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

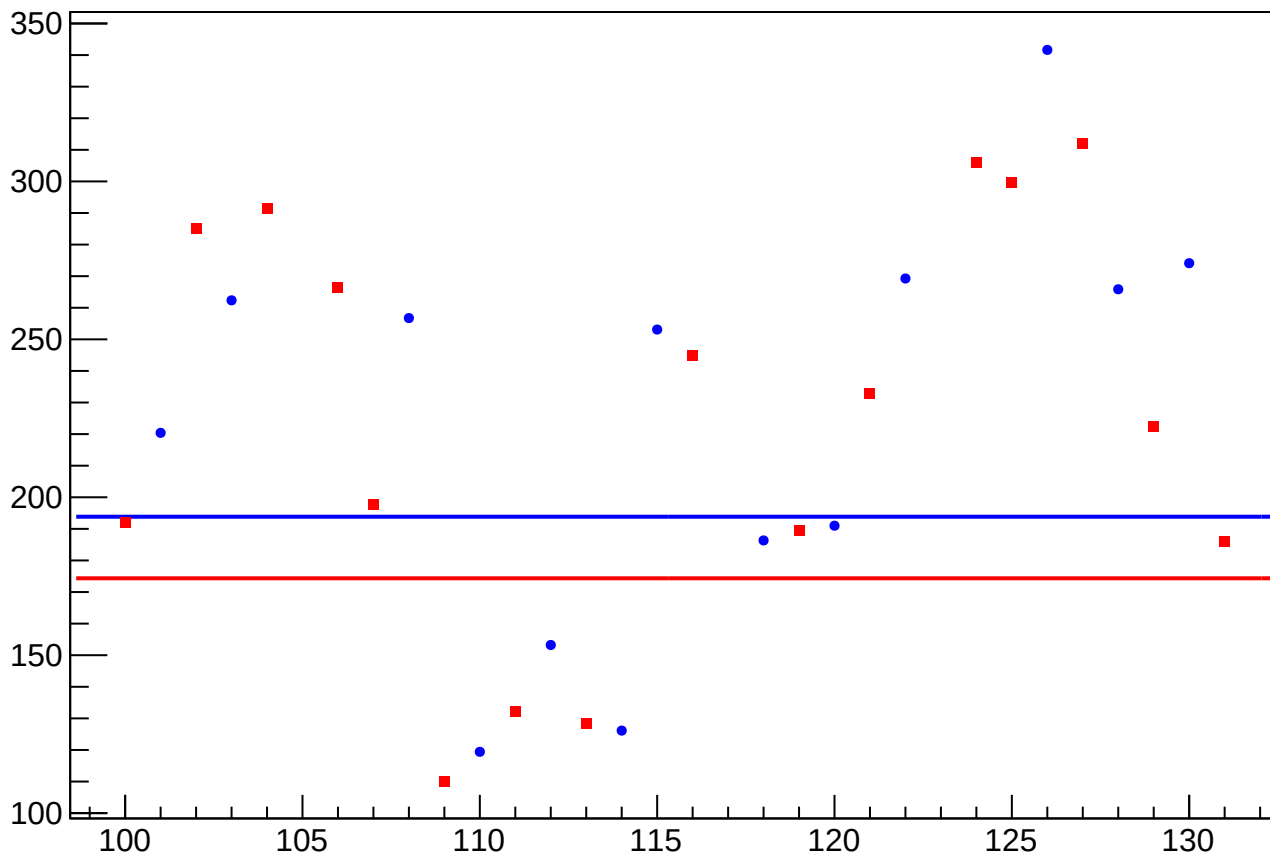
Right: -62.922+/-57.380 χ^2/NDF : 22.8/28

In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.922+/-57.380 χ^2/NDF : 22.8/28

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 174.350+/-0.054 χ^2/NDF : 1453801.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

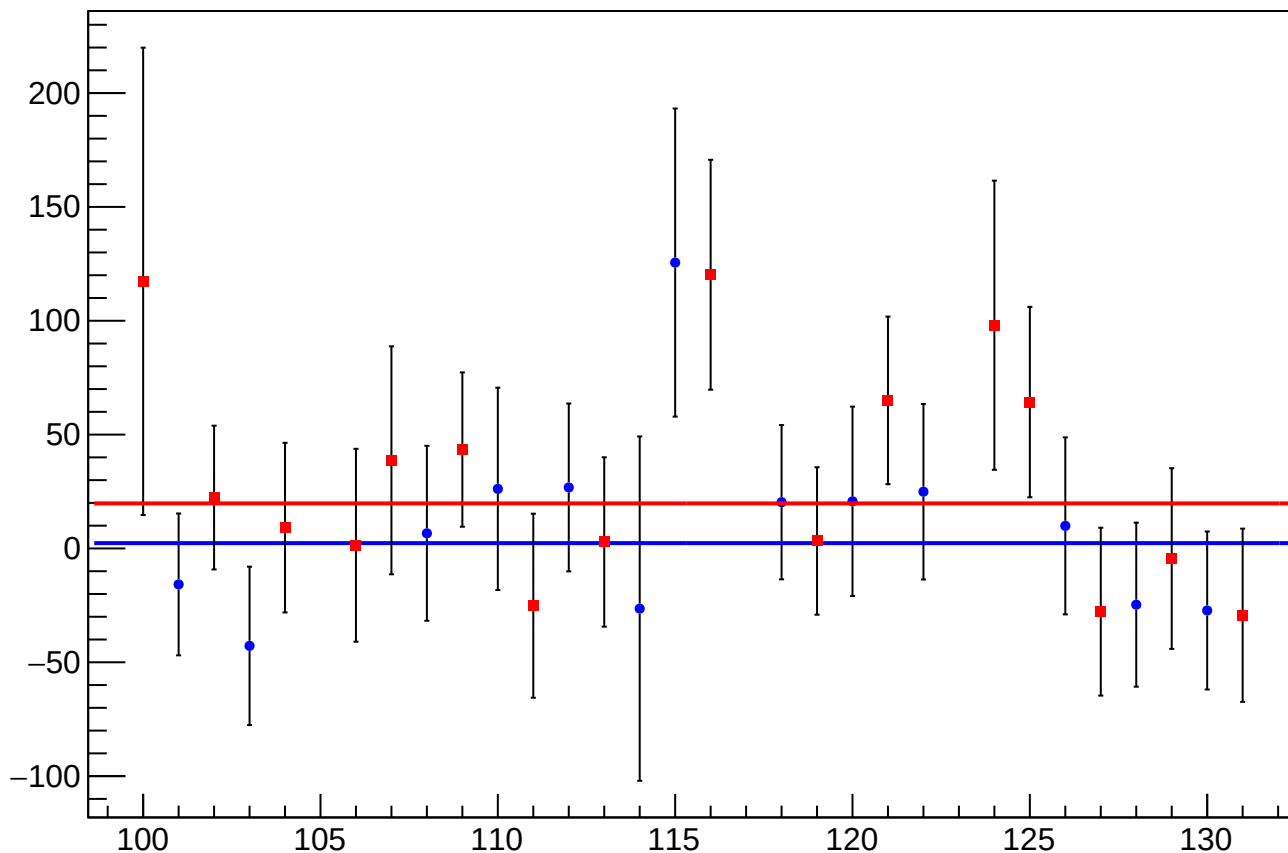
Right: 182.639+/-0.041 χ^2/NDF : 2447340.9/28

In: 193.845+/-0.062 χ^2/NDF :937116.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.639+/-0.041 χ^2/NDF : 2447340.9/28

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.774+/-10.026 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

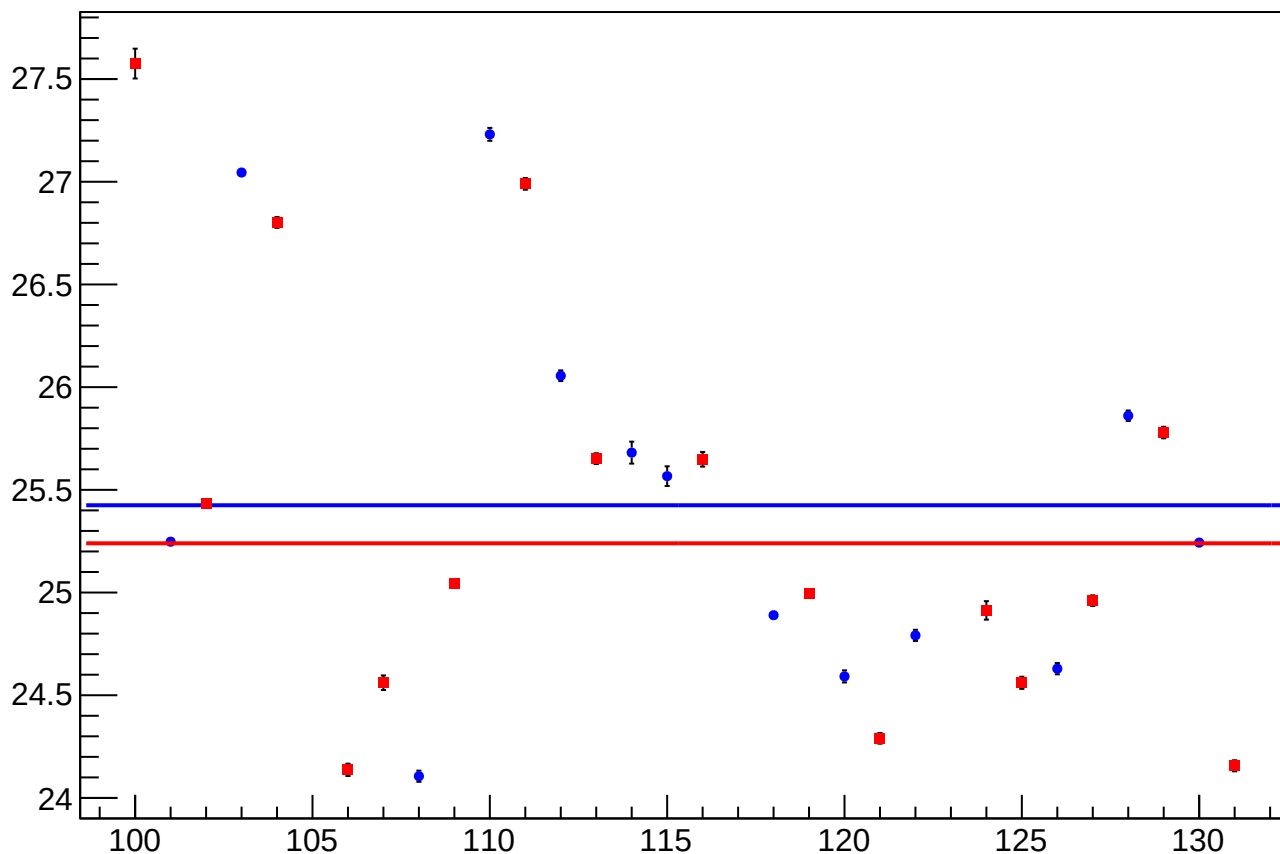
Right: 11.711+/-7.352 χ^2/NDF : 25.1/28

In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.711+/-7.352 χ^2/NDF : 25.1/28

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.425+/-0.008 χ^2/NDF : 13707.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.240+/-0.007 χ^2/NDF : 14678.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

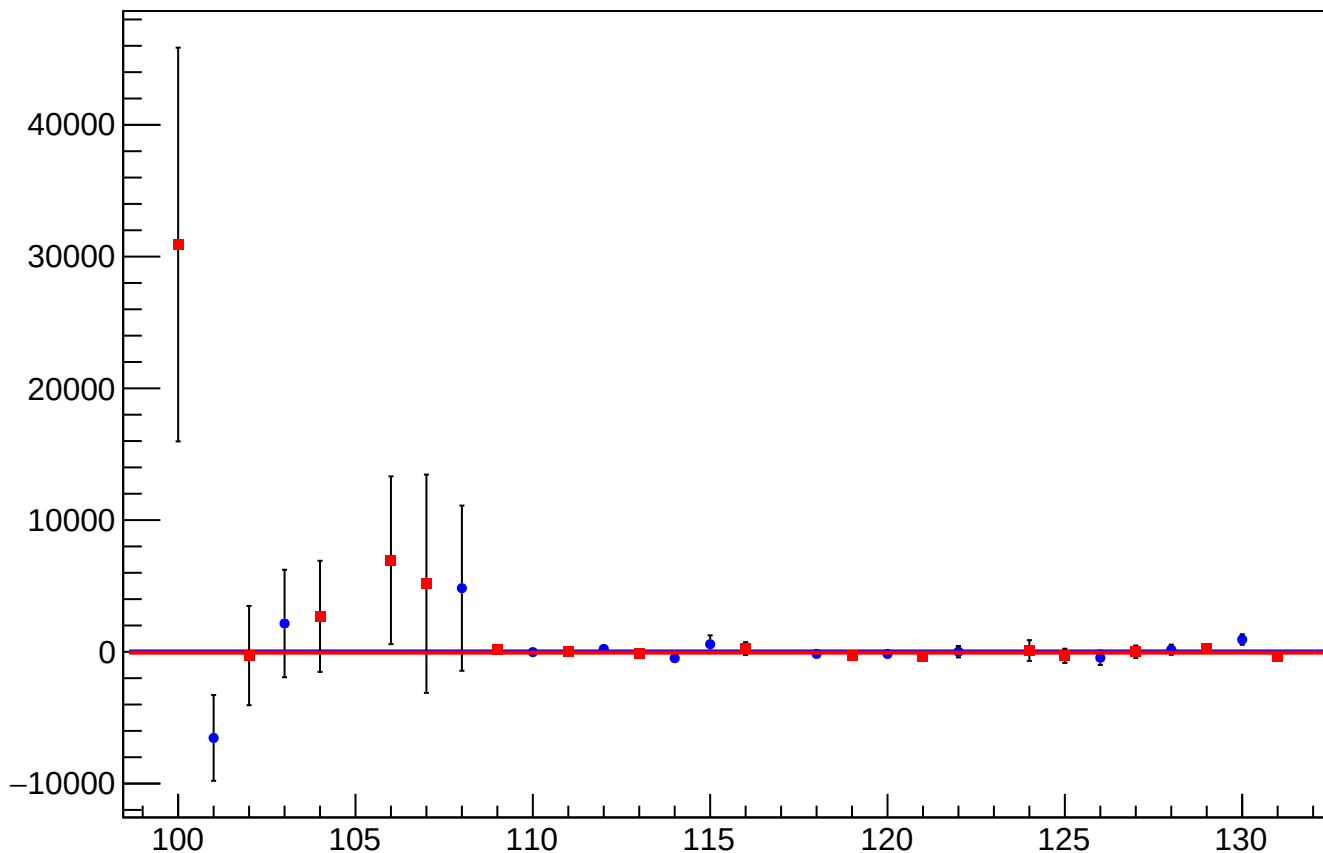
Right: 25.325+/-0.005 χ^2/NDF : 28701.6/28

In: 25.425+/-0.008 χ^2/NDF :13707.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.325+/-0.005 χ^2/NDF : 28701.6/28

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 28.985+/-98.664 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.473+/-87.061 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

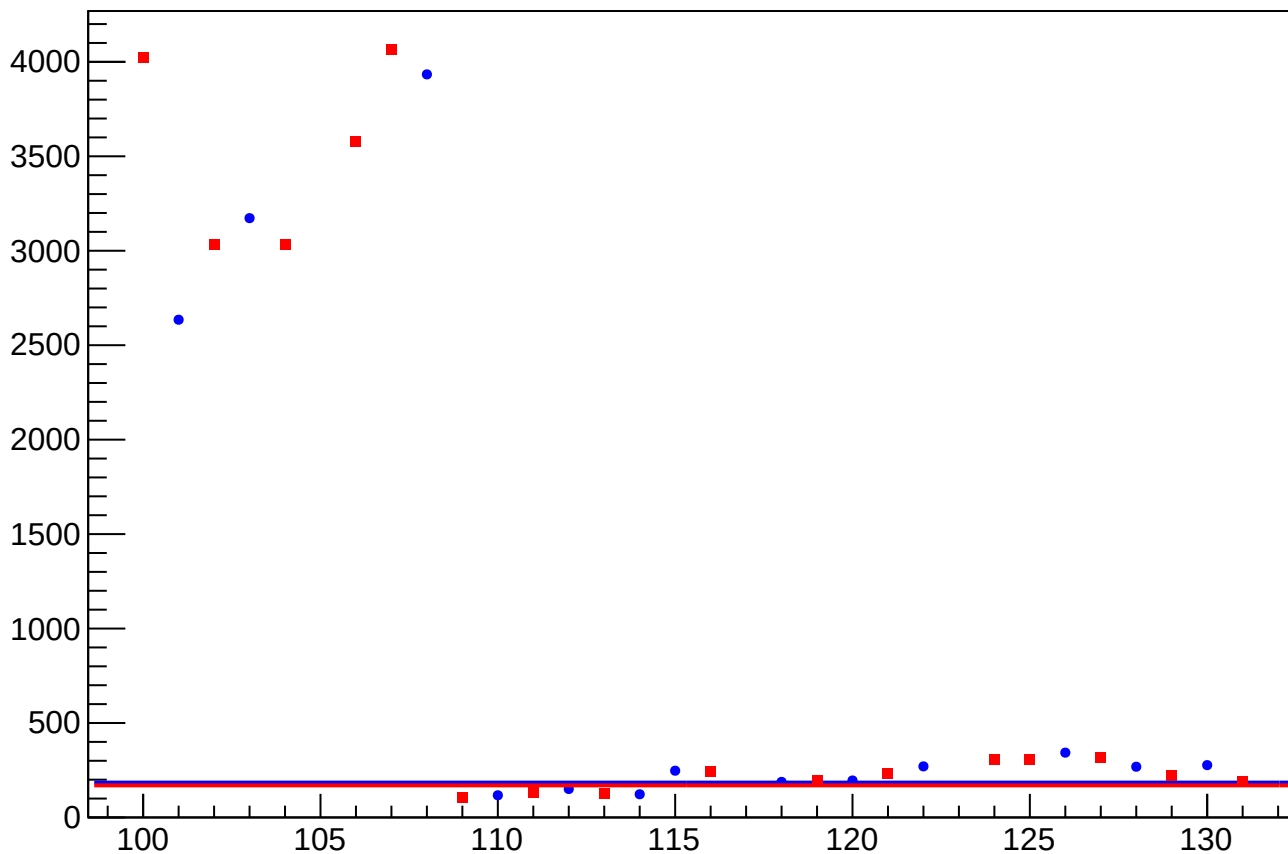
Right: -21.873+/-65.280 χ^2/NDF : 27.5/28

In: 28.985+/-98.664 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.873+/-65.280 χ^2/NDF : 27.5/28

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.459+/-0.070 χ^2/NDF : 3733204.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.859+/-0.062 χ^2/NDF : 4158303.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

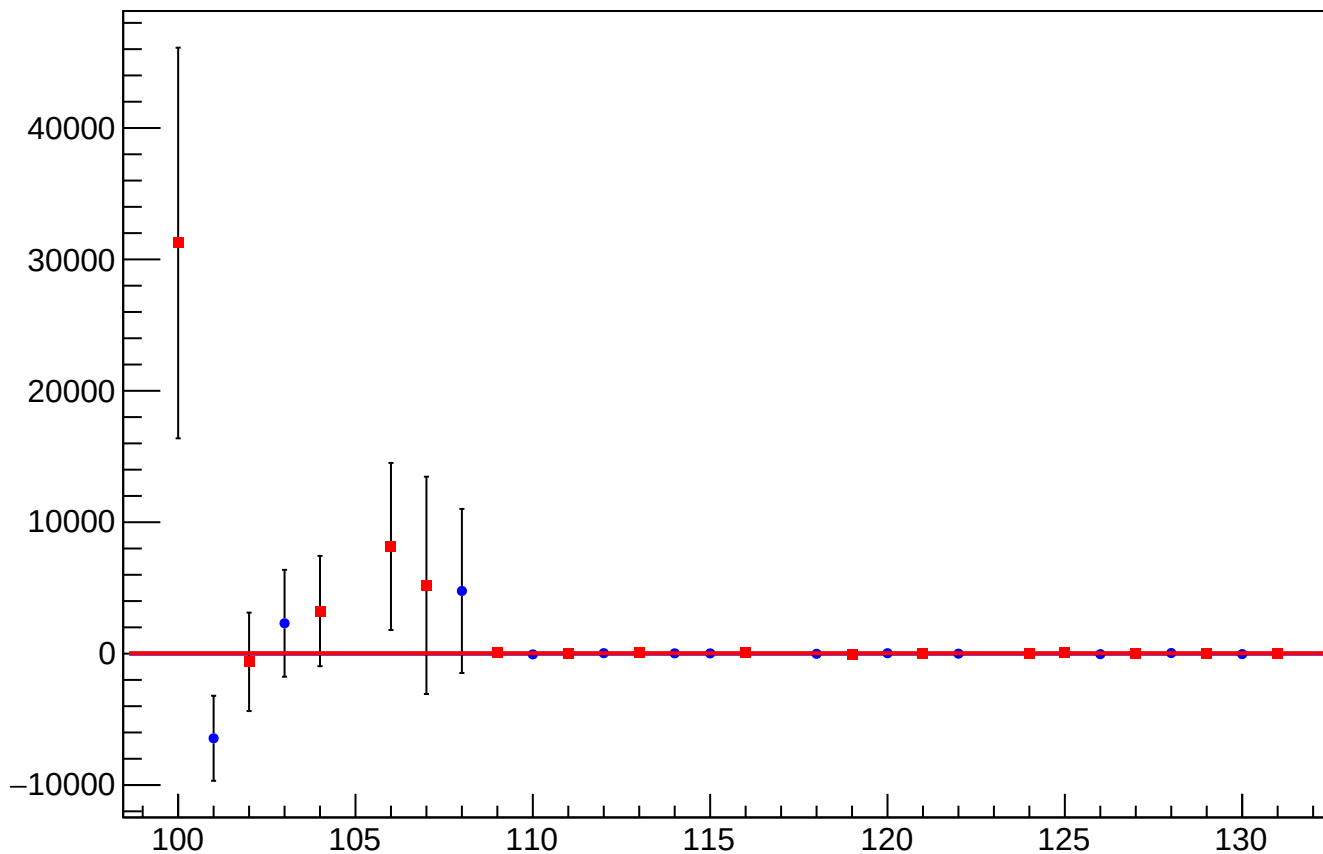
Right: 176.251+/-0.046 χ^2/NDF : 7916129.5/28

In: 184.459+/-0.070 χ^2/NDF : 3733204.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.251+/-0.046 χ^2/NDF : 7916129.5/28

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.401+/-13.977 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.458+/-13.397 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

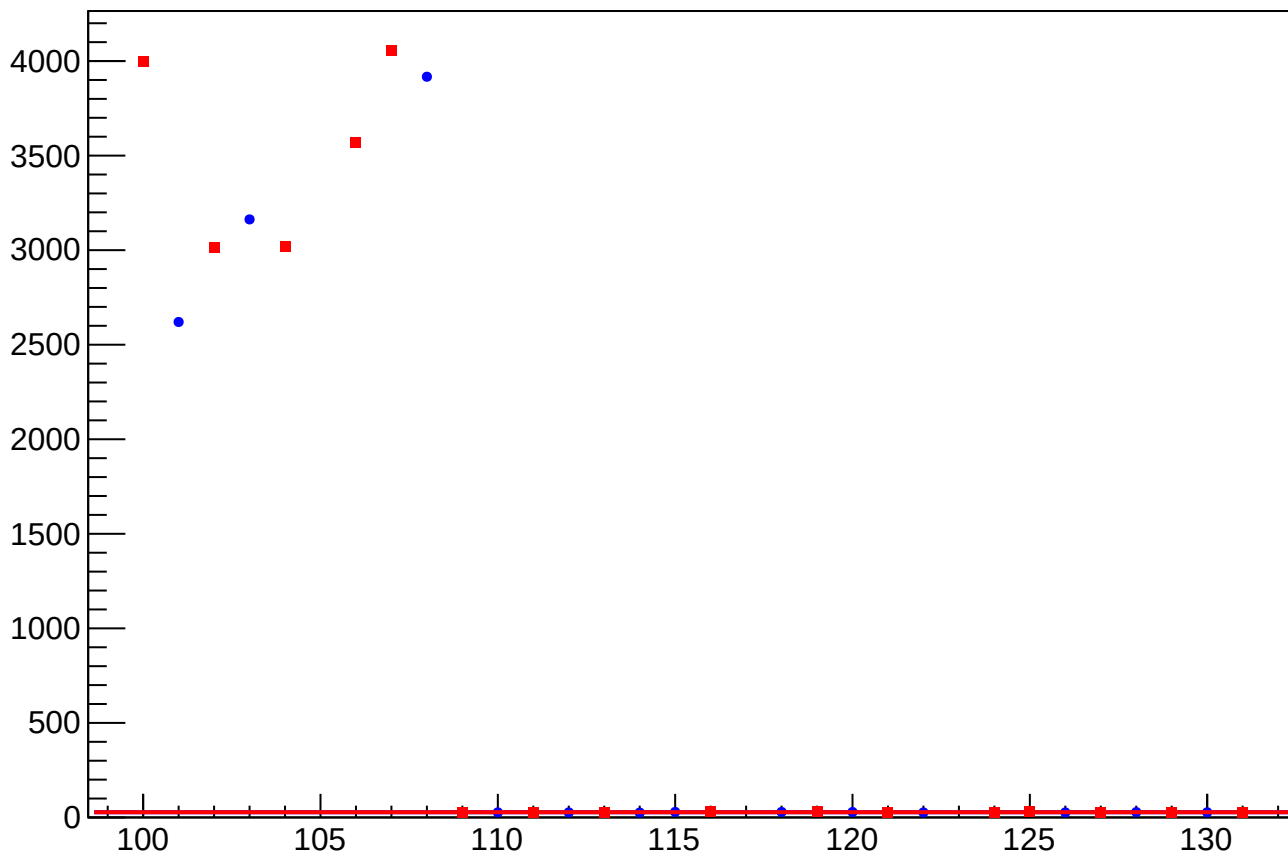
Right: 14.204+/-9.672 χ^2/NDF : 34.0/28

In: -2.401+/-13.977 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.204+/-9.672 χ^2/NDF : 34.0/28

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.605+/-0.010 χ^2/NDF : 3260641.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 27.706+/-0.009 χ^2/NDF : 3552465.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

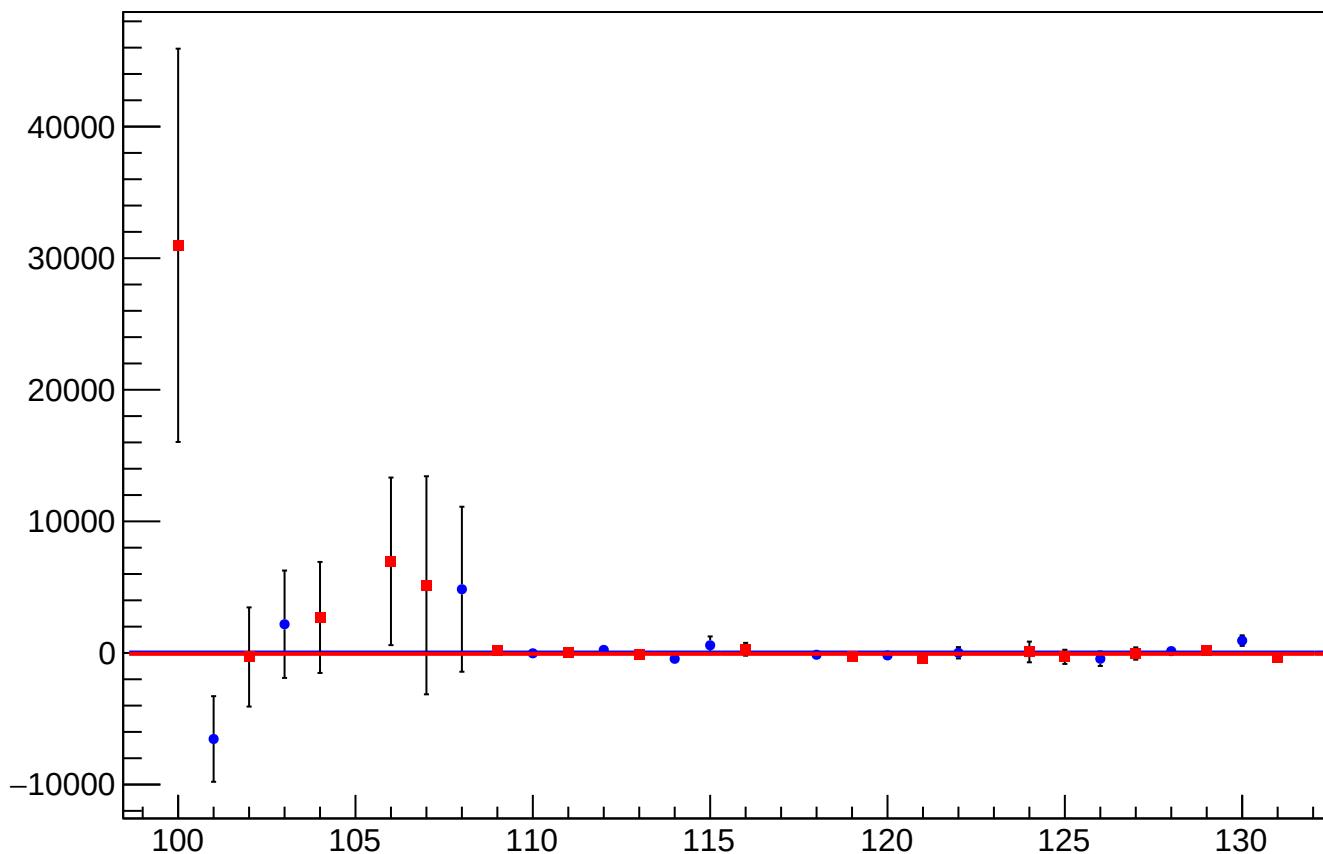
Right: 27.658+/-0.007 χ^2/NDF : 6813161.1/28

In: 27.605+/-0.010 χ^2/NDF :3260641.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.658+/-0.007 χ^2/NDF : 6813161.1/28

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 33.089+/-98.349 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.507+/-86.760 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

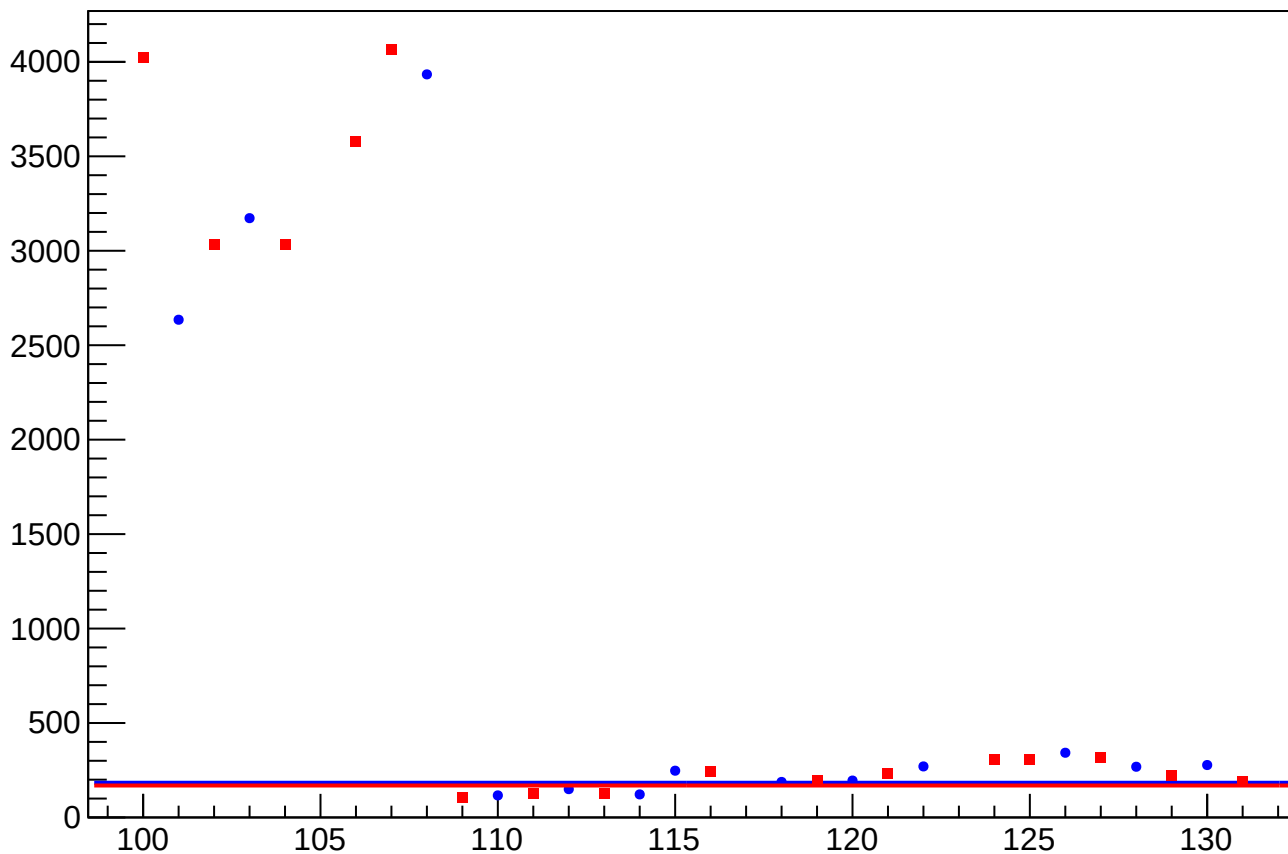
Right: -23.482+/-65.062 χ^2/NDF : 27.7/28

In: 33.089+/-98.349 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.482+/-65.062 χ^2/NDF : 27.7/28

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.140+/-0.061 χ^2/NDF : 4169787.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

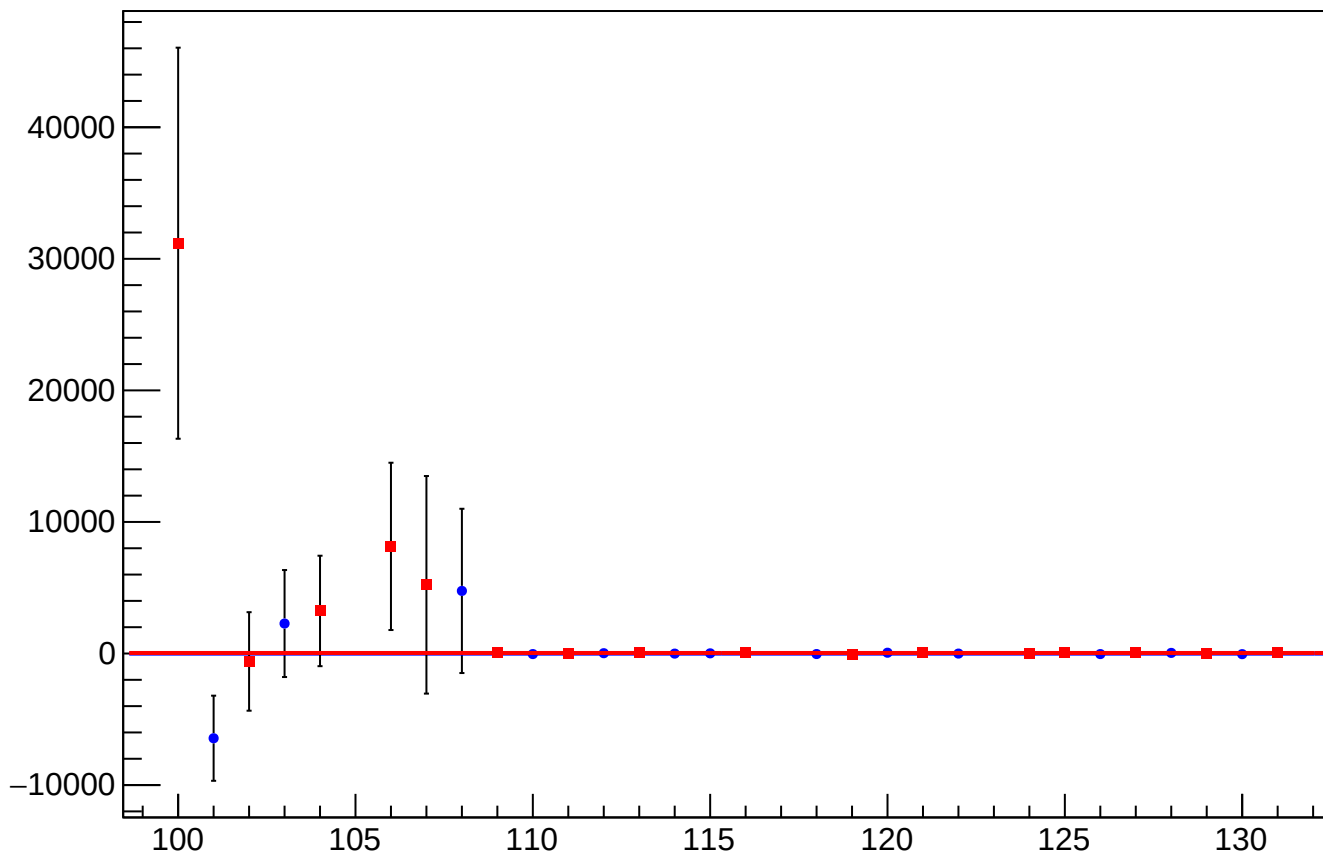
Right: 175.527+/-0.046 χ^2/NDF : 7938821.2/28

In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.527+/-0.046 χ^2/NDF : 7938821.2/28

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.568+/-13.522 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

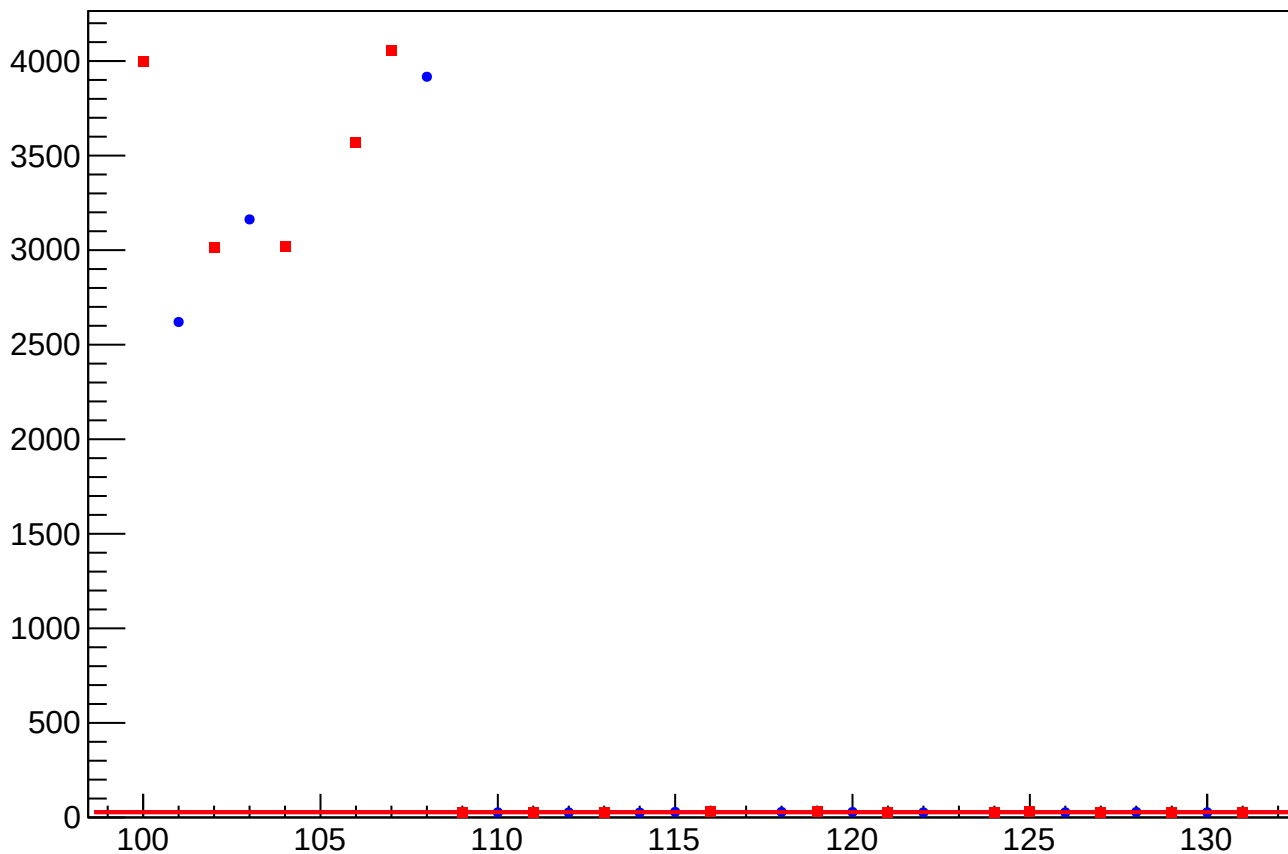
Right: 17.528+/-9.752 χ^2/NDF : 35.3/28

In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.528+/-9.752 χ^2/NDF : 35.3/28

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.960+/-0.010 χ^2/NDF : 3555203.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

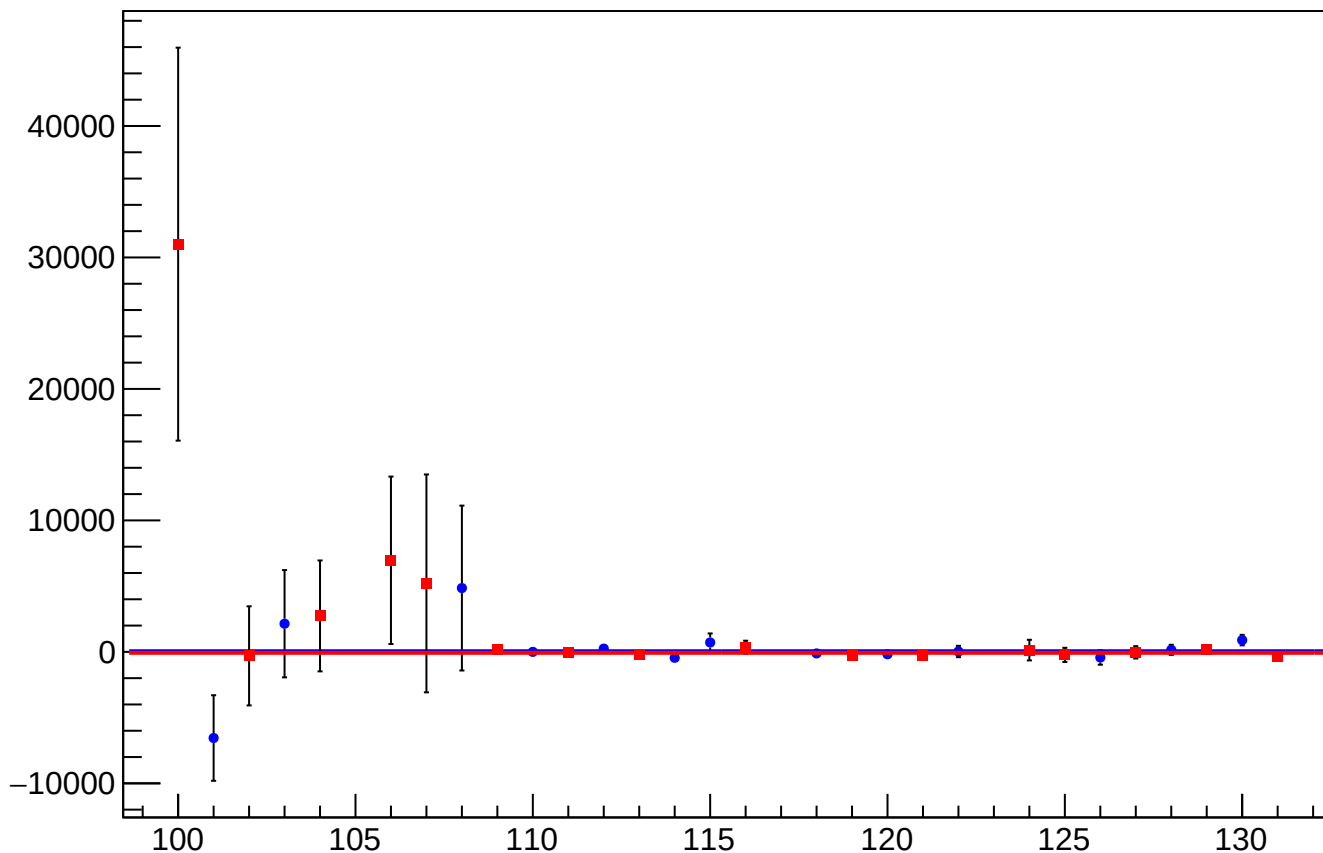
Right: 27.881+/-0.007 χ^2/NDF : 6816905.4/28

In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.881+/-0.007 χ^2/NDF : 6816905.4/28

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 48.699+/-99.621 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.396+/-87.983 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

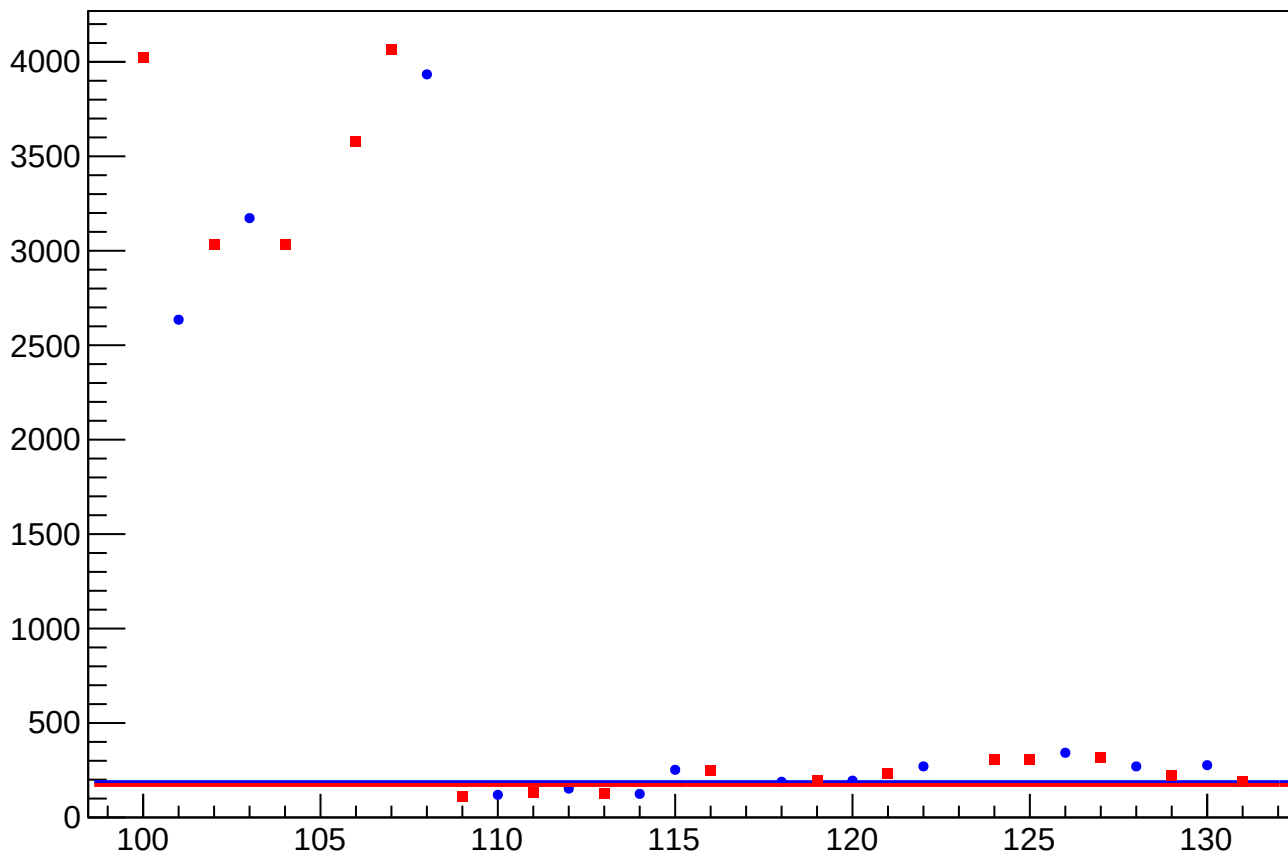
Right: -18.770+/-65.946 χ^2/NDF : 27.5/28

In: 48.699+/-99.621 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.770+/-65.946 χ^2/NDF : 27.5/28

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.754+/-0.070 χ^2/NDF : 3698452.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.176+/-0.062 χ^2/NDF : 4116013.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

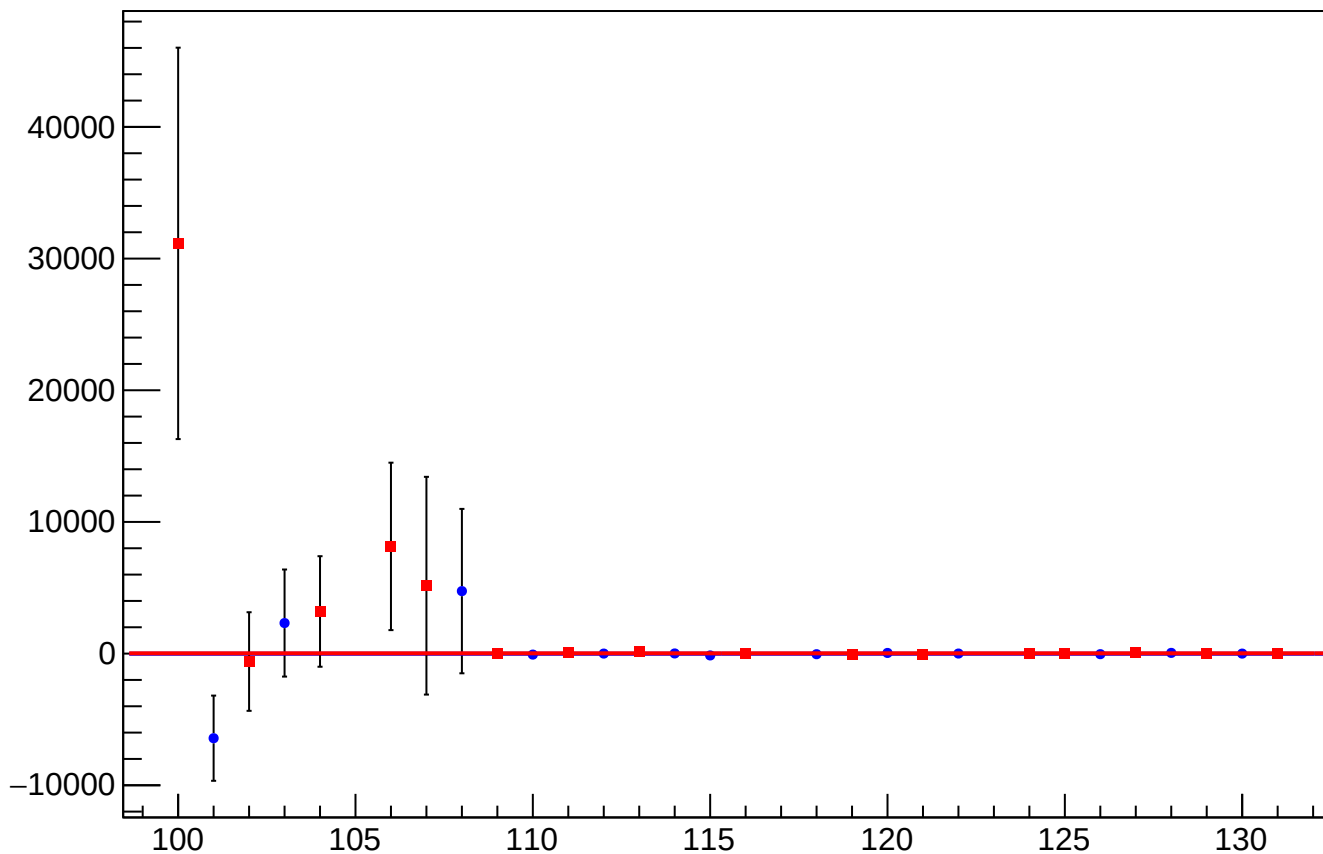
Right: 178.564+/-0.047 χ^2/NDF : 7838528.7/28

In: 186.754+/-0.070 χ^2/NDF : 3698452.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.564+/-0.047 χ^2/NDF : 7838528.7/28

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.997 $\pm$ 17.142 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.398 $\pm$ 16.340 χ^2 /NDF: 21.0/15

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

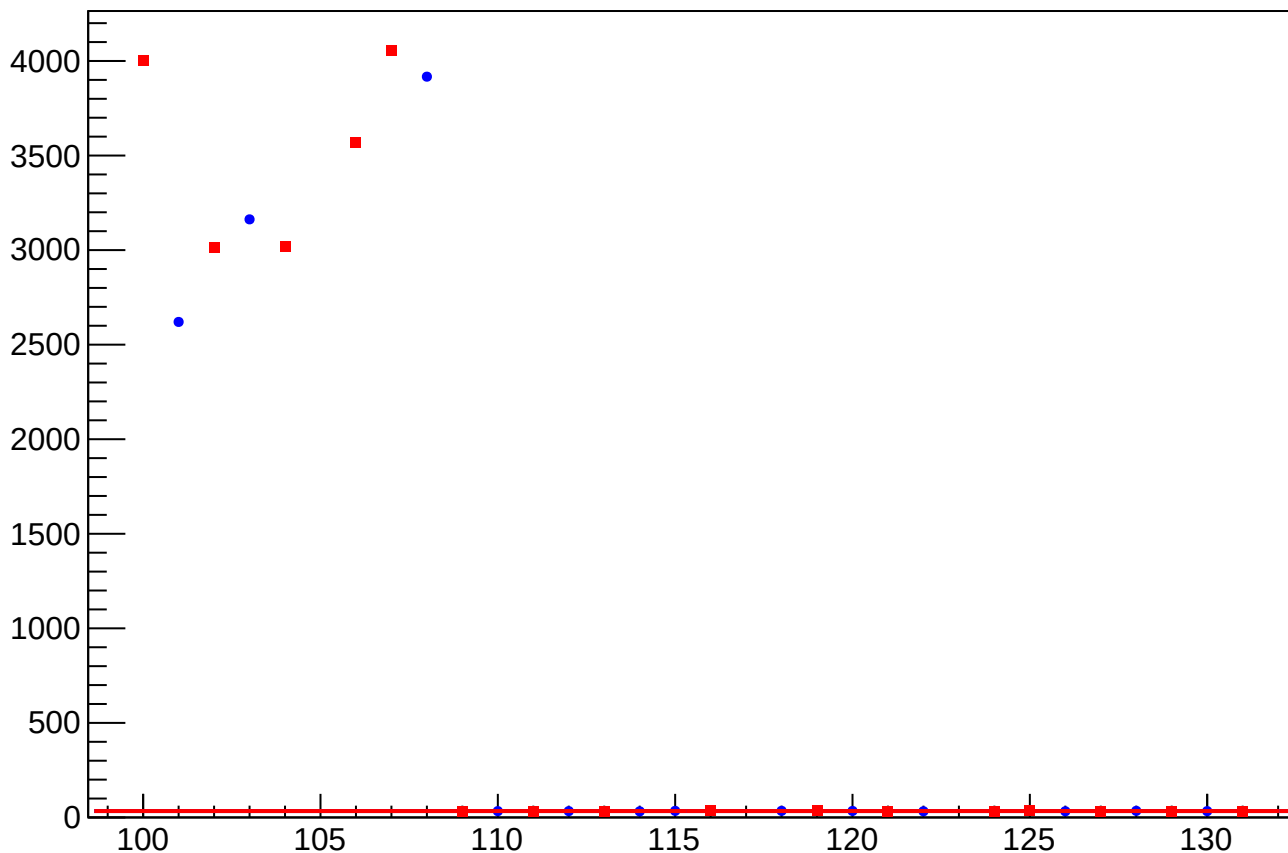
Right: 5.977 $\pm$ 11.827 χ^2 /NDF: 35.1/28

In: -10.997 $\pm$ 17.142 χ^2 /NDF:12.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.977 $\pm$ 11.827 χ^2 /NDF: 35.1/28

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.921+/-0.012 χ^2/NDF : 3241087.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.866+/-0.012 χ^2/NDF : 3525346.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

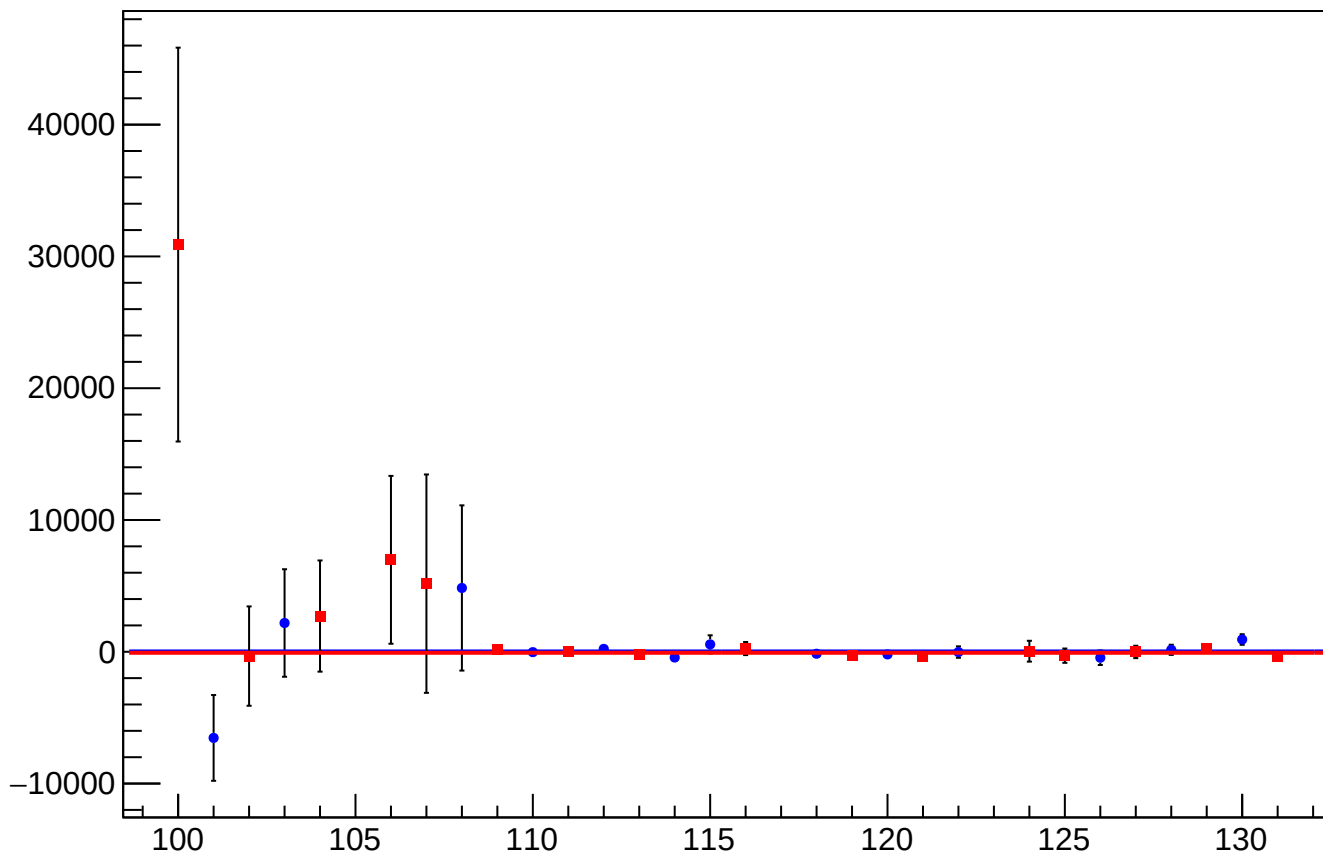
Right: 33.892+/-0.008 χ^2/NDF : 6766445.1/28

In: 33.921+/-0.012 χ^2/NDF : 3241087.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.892+/-0.008 χ^2/NDF : 6766445.1/28

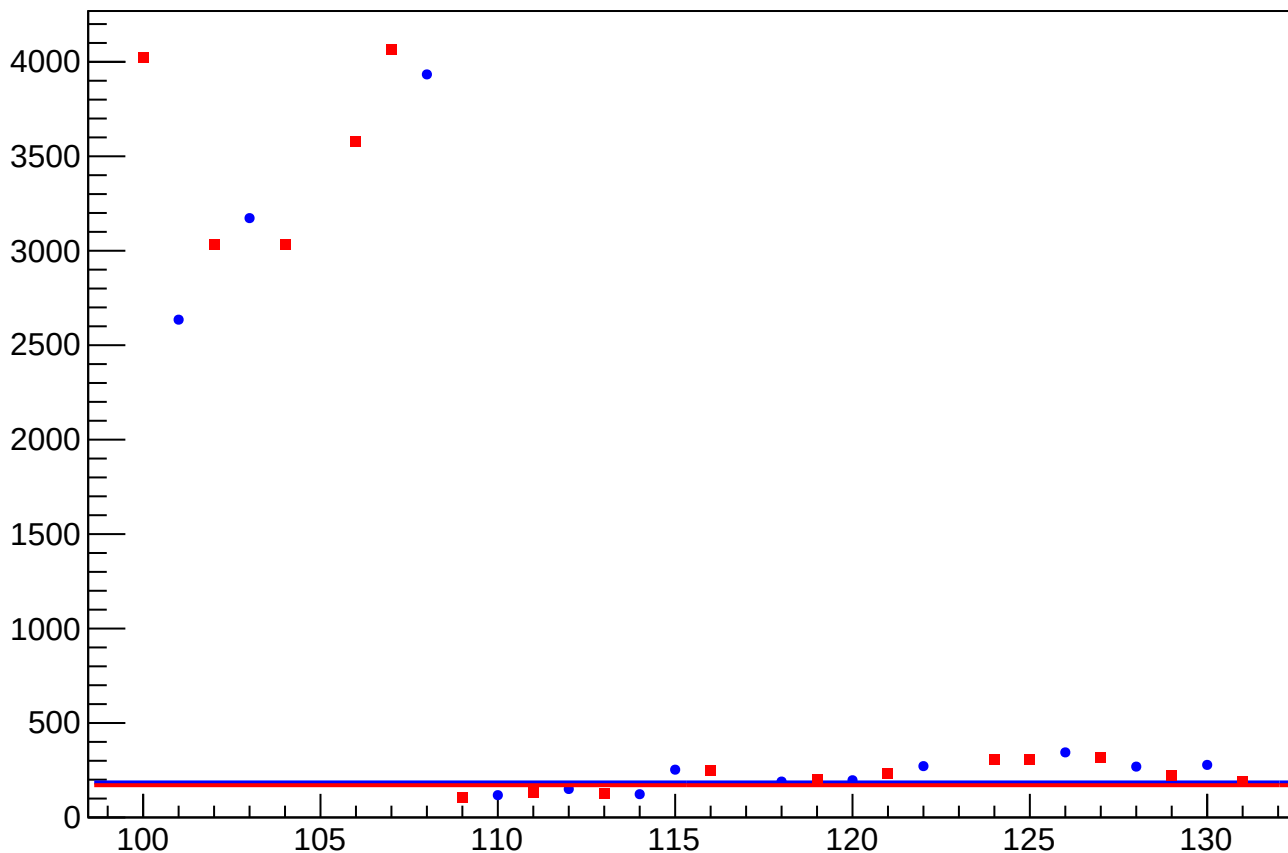
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 26.057+/-99.113 χ^2/NDF : 14.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -75.239+/-87.518 χ^2/NDF : 11.5/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -30.860+/-65.603 χ^2/NDF : 27.0/28
 In: 26.057+/-99.113 χ^2/NDF : 14.9/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -30.860+/-65.603 χ^2/NDF : 27.0/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.742+/-0.062 χ^2/NDF : 4162965.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

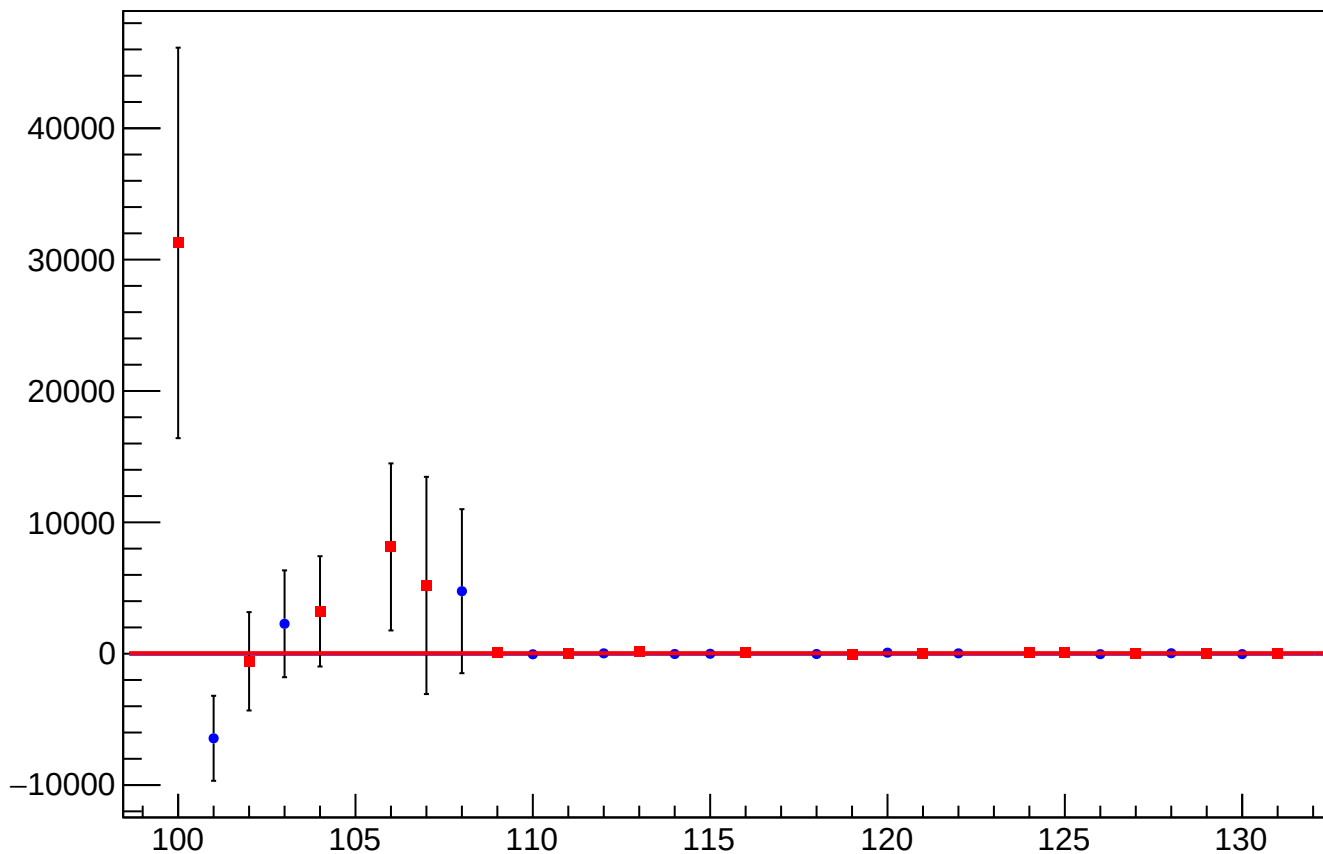
Right: 177.117+/-0.046 χ^2/NDF : 7922043.8/28

In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.117+/-0.046 χ^2/NDF : 7922043.8/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.712+/-15.642 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.015+/-14.950 χ^2/NDF : 21.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

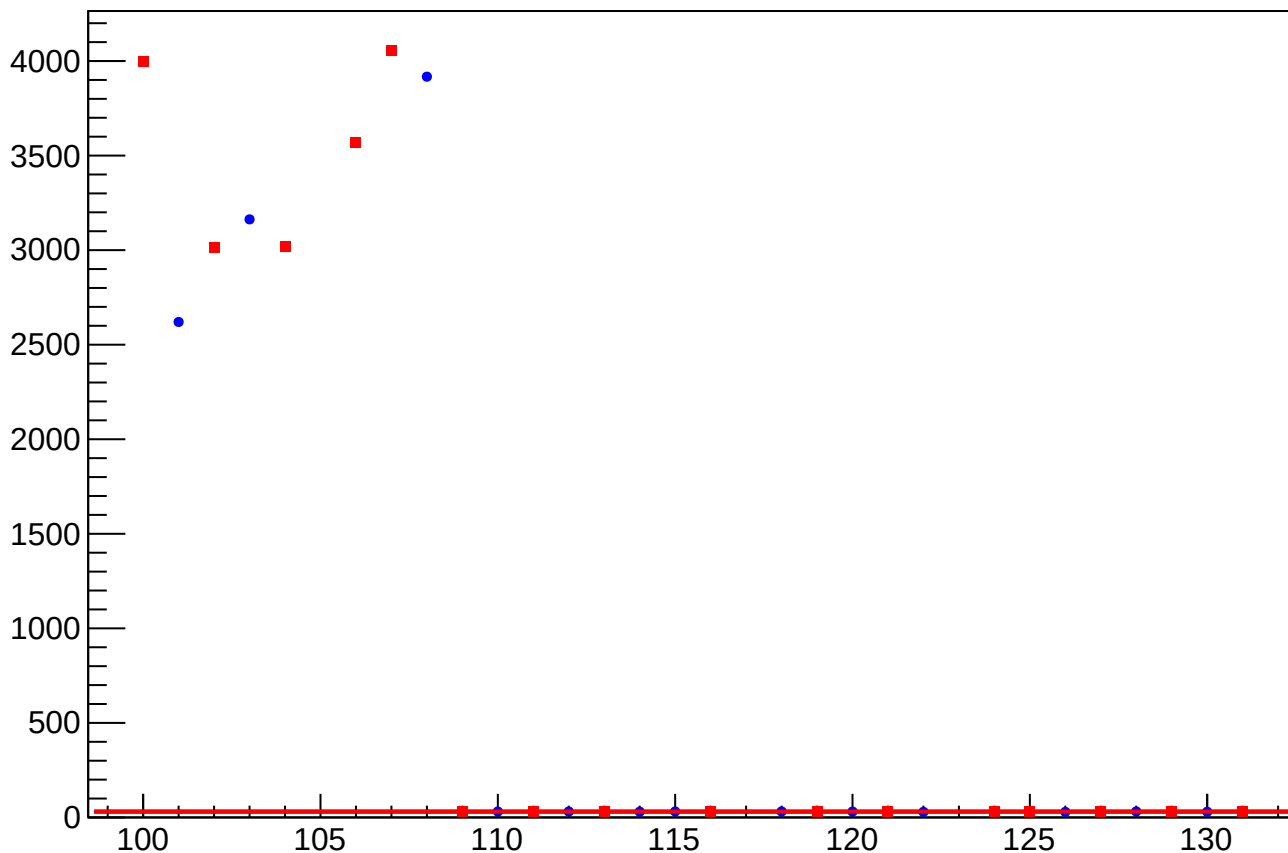
Right: 19.639+/-10.808 χ^2/NDF : 34.4/28

In: 1.712+/-15.642 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.639+/-10.808 χ^2/NDF : 34.4/28

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.964+/-0.011 χ^2/NDF : 3533043.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

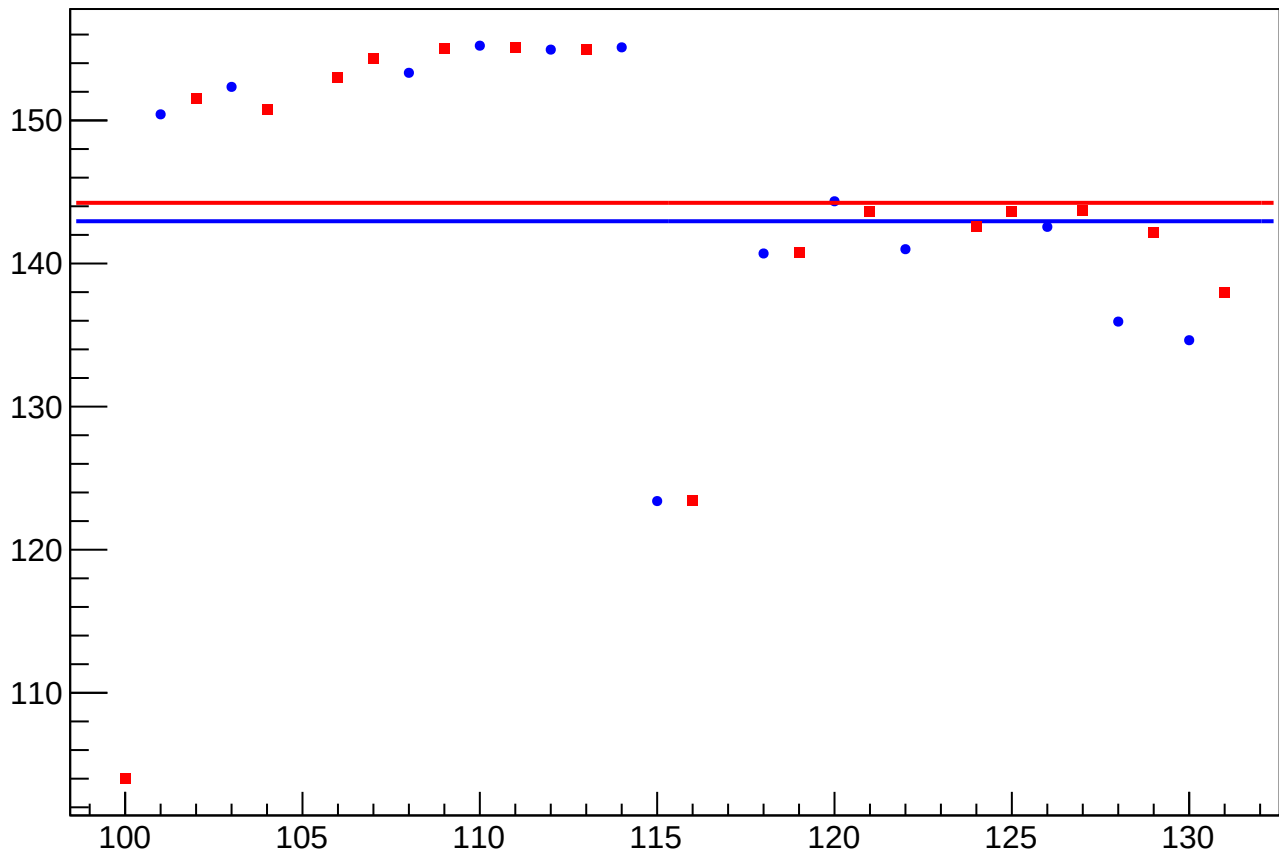
Right: 30.947+/-0.008 χ^2/NDF : 6781954.2/28

In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

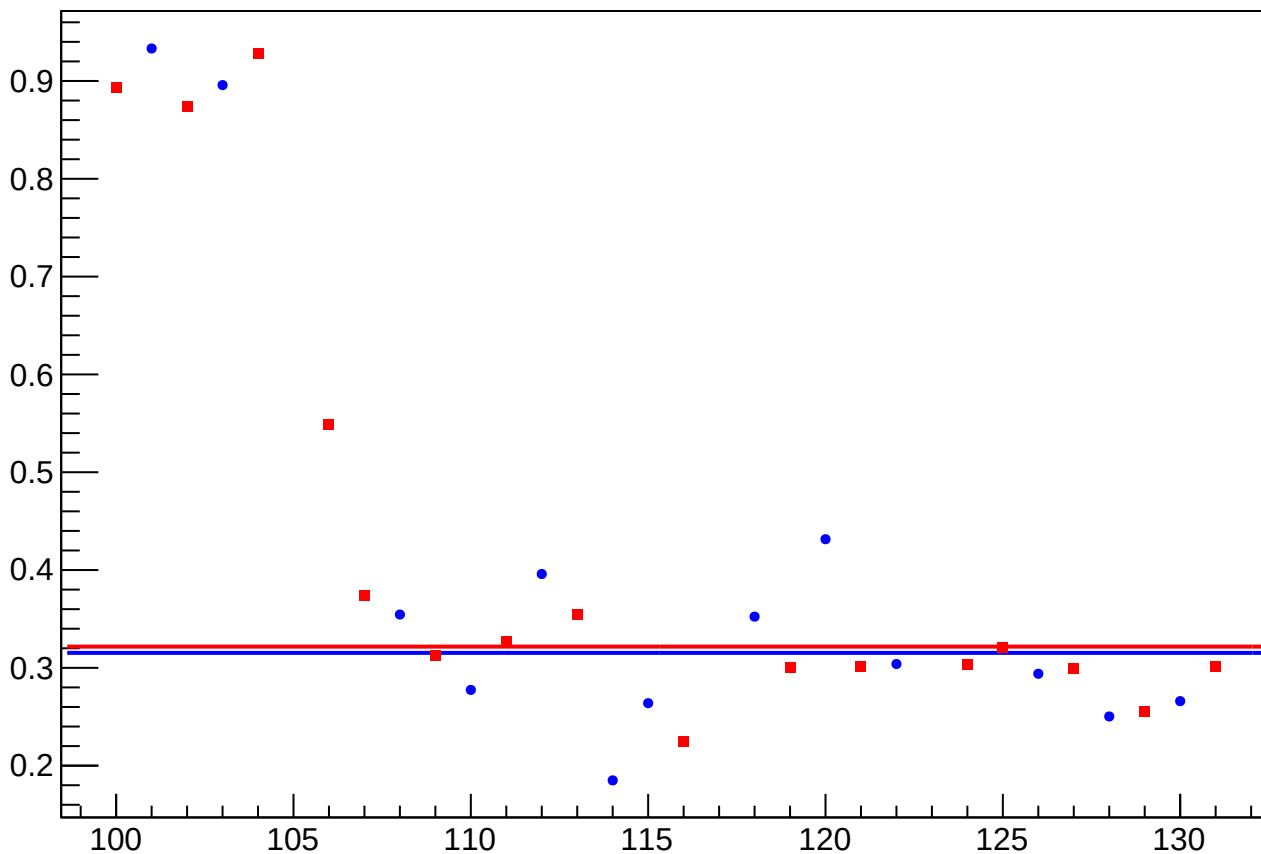
All: 30.947+/-0.008 χ^2/NDF : 6781954.2/28

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 142.955 ± 0.000 χ^2/NDF : 3442989658.1/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 144.241 ± 0.000 χ^2/NDF : 4171827151.2/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 143.631 ± 0.000 χ^2/NDF : 7652808761.5

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1258208.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

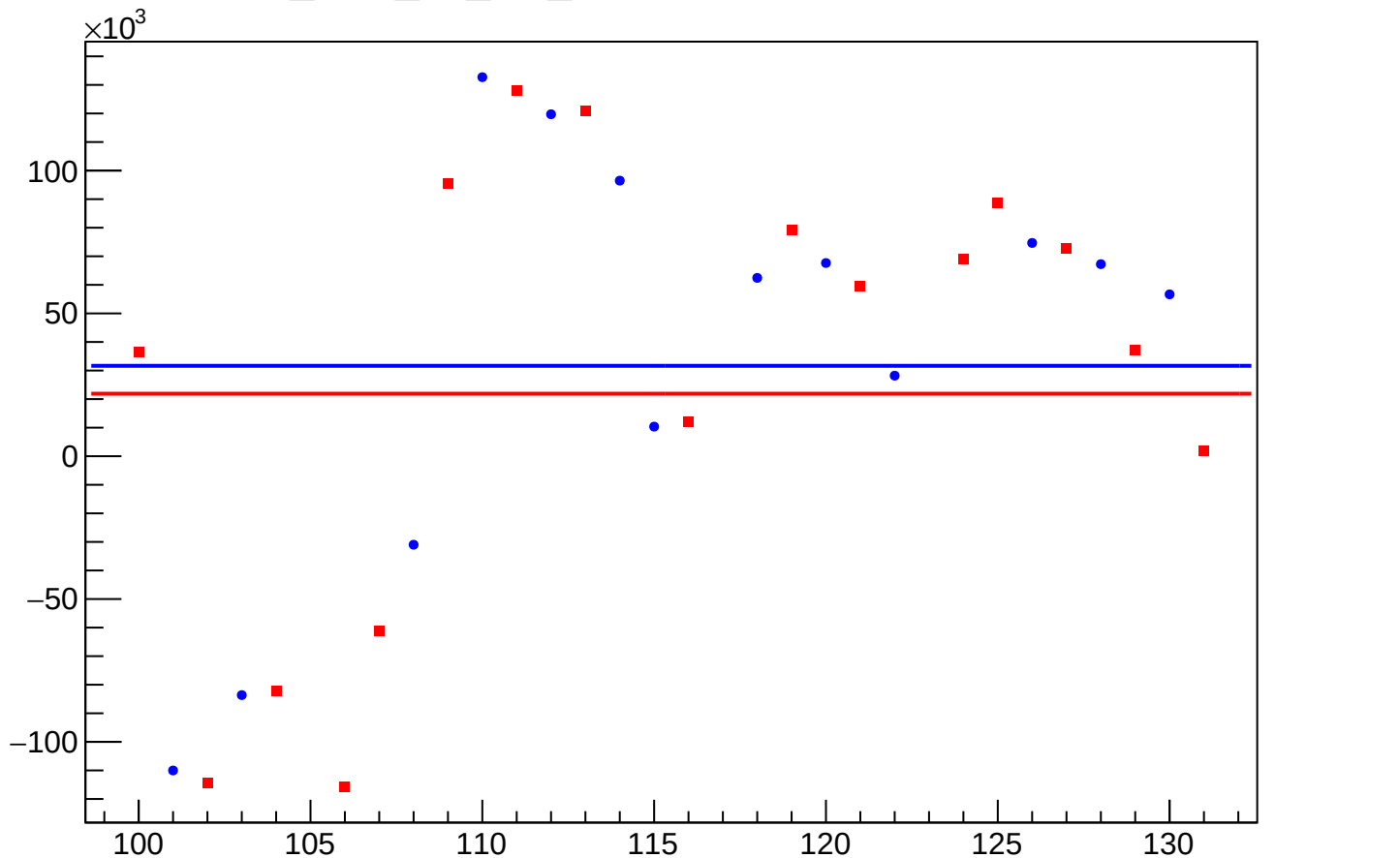
Right: 0.319+/-0.000 χ^2/NDF : 2627963.5/28

In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2627963.5/28

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right In: 31652.813 $\pm$ 2.254 χ^2/NDF : 1104938071.9/12

Right: 26325.649 $\pm$ 1.520 χ^2/NDF : 2799776766.1/20

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

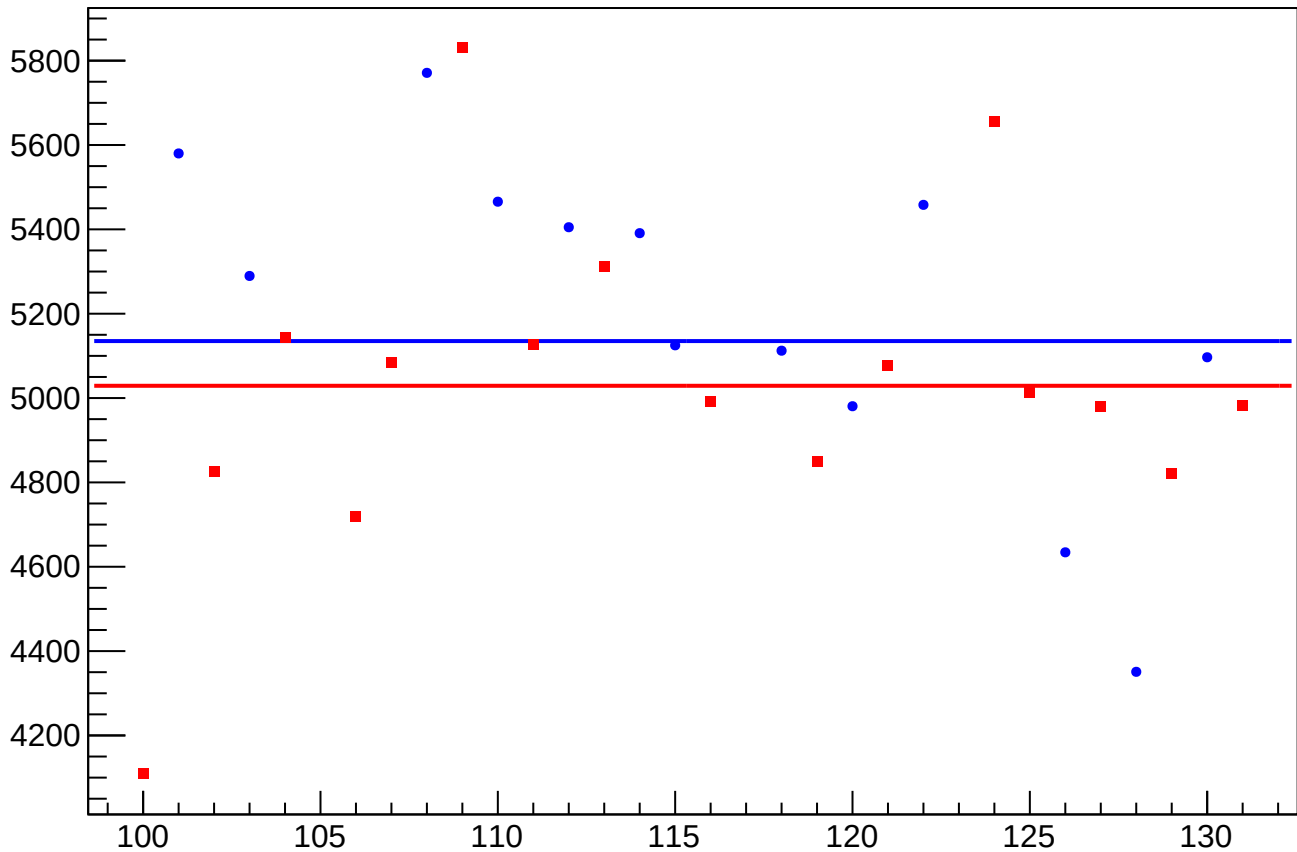
Right Out: 21886.202 $\pm$ 2.058 χ^2/NDF : 1684597825.1/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 26325.649 $\pm$ 1.520 χ^2/NDF : 2799776766.1/20

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5135.111+/-1.594 χ^2/NDF : 67872.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5029.092+/-1.455 χ^2/NDF : 41062.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

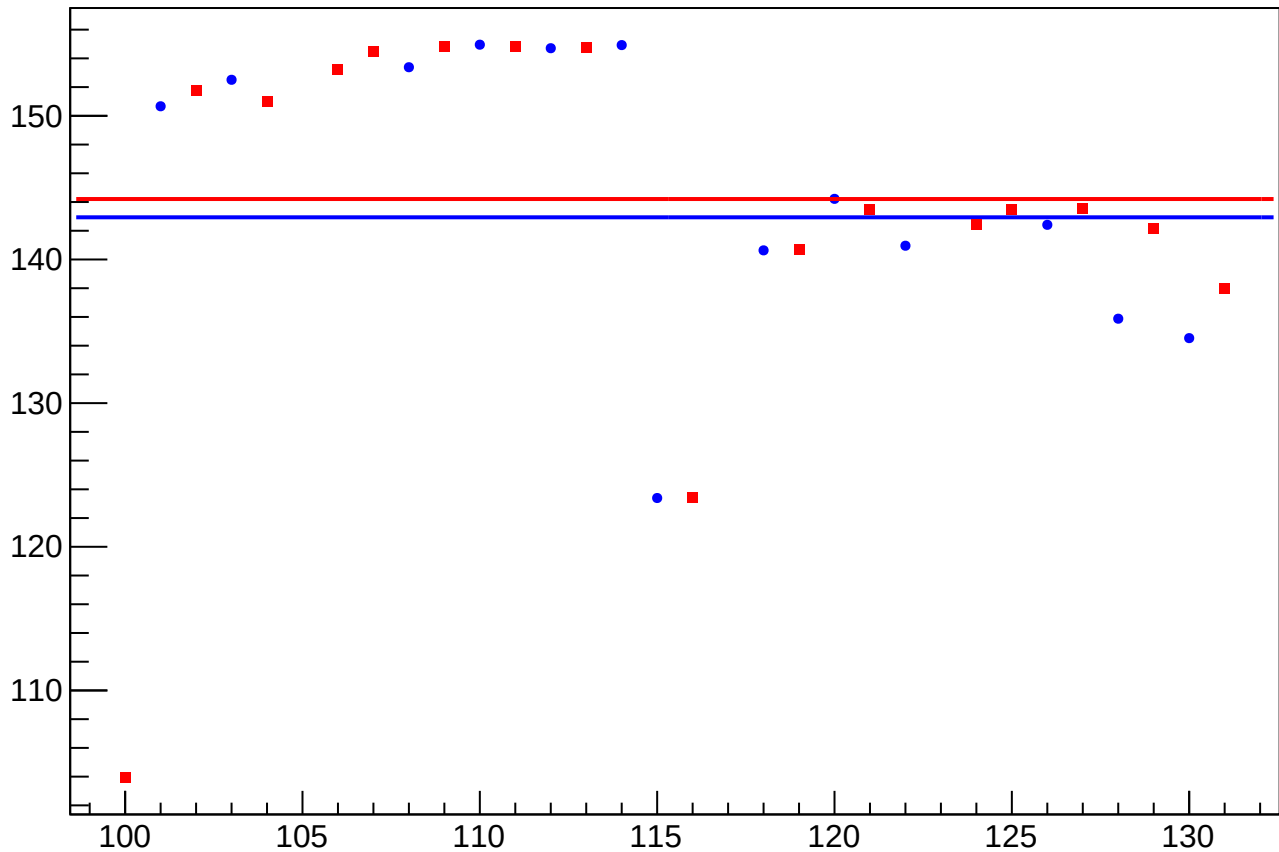
Right: 5077.283+/-1.075 χ^2/NDF : 111348.3/28

In: 5135.111+/-1.594 χ^2/NDF : 67872.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

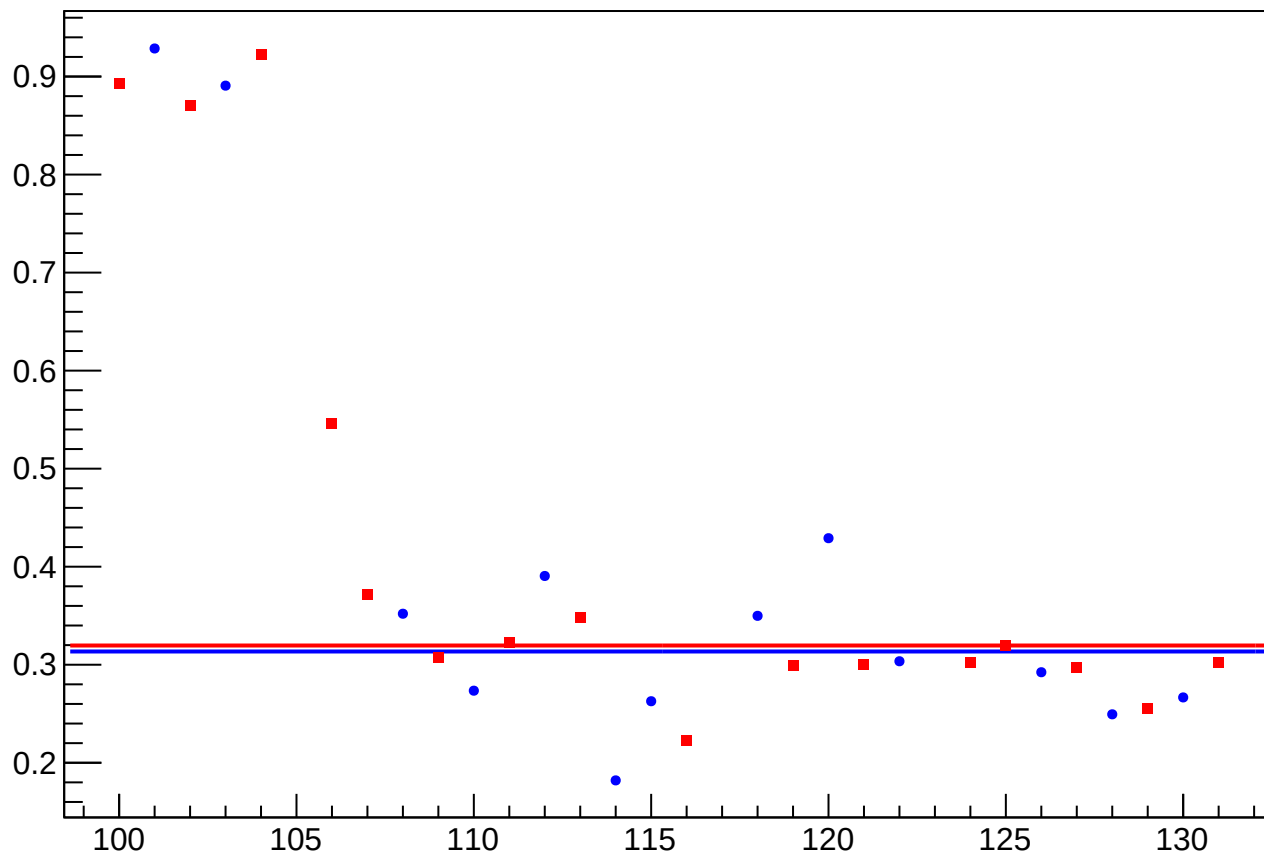
All: 5077.283+/-1.075 χ^2/NDF : 111348.3/28

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 142.936 $\pm$ 0.000 χ^2 /NDF: 3472571281.4/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.209 $\pm$ 0.000 χ^2 /NDF: 4195041505.2/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143.606 $\pm$ 0.000 χ^2 /NDF: 7705290334.6

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1366824.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.320+/-0.000 χ^2/NDF : 1255431.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

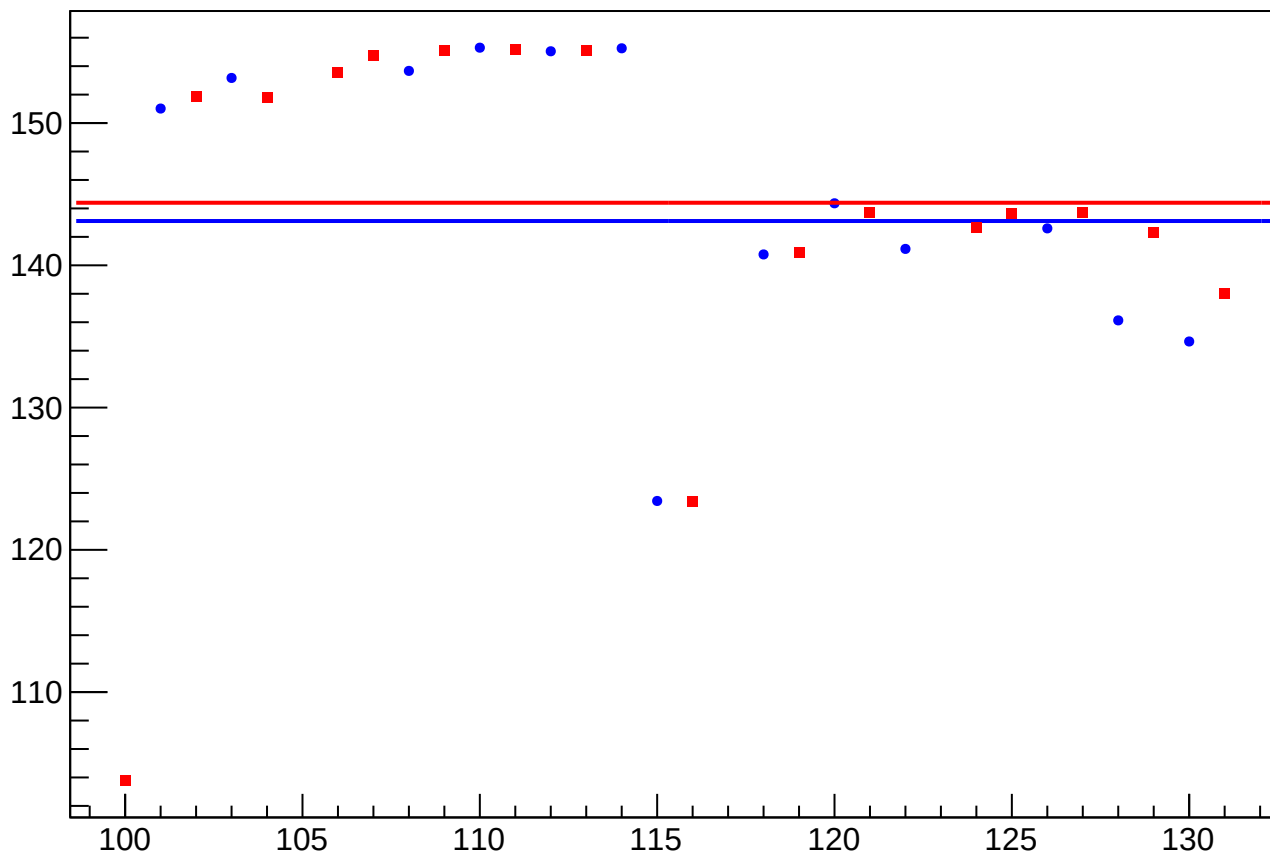
Right: 0.317+/-0.000 χ^2/NDF : 2623986.1/28

In: 0.314+/-0.000 χ^2/NDF :1366824.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

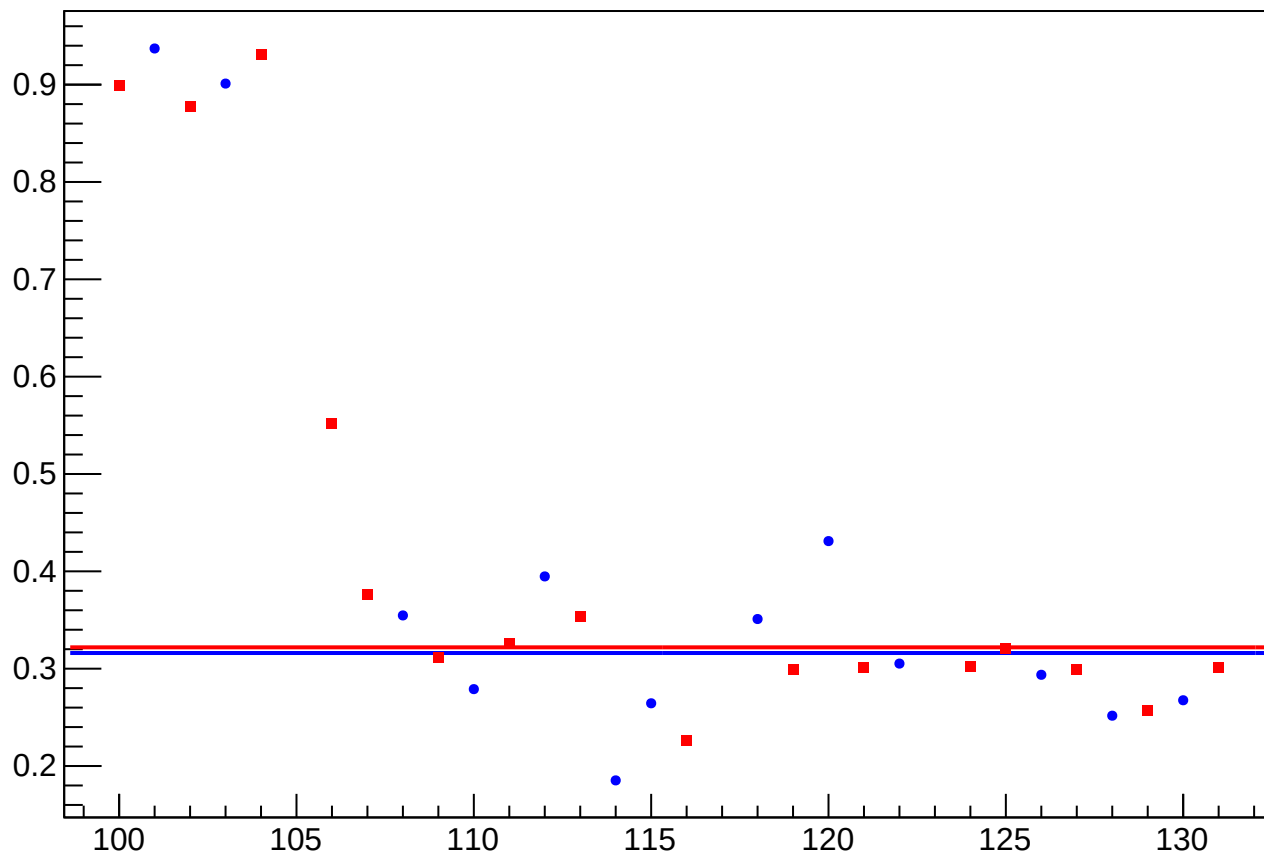
All: 0.317+/-0.000 χ^2/NDF : 2623986.1/28

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.115 $\pm$ 0.000 χ^2 /NDF: 3466951514.4/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.399 $\pm$ 0.000 χ^2 /NDF: 4187261303.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143.791 $\pm$ 0.000 χ^2 /NDF: 7691989304.8

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1364279.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1256862.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

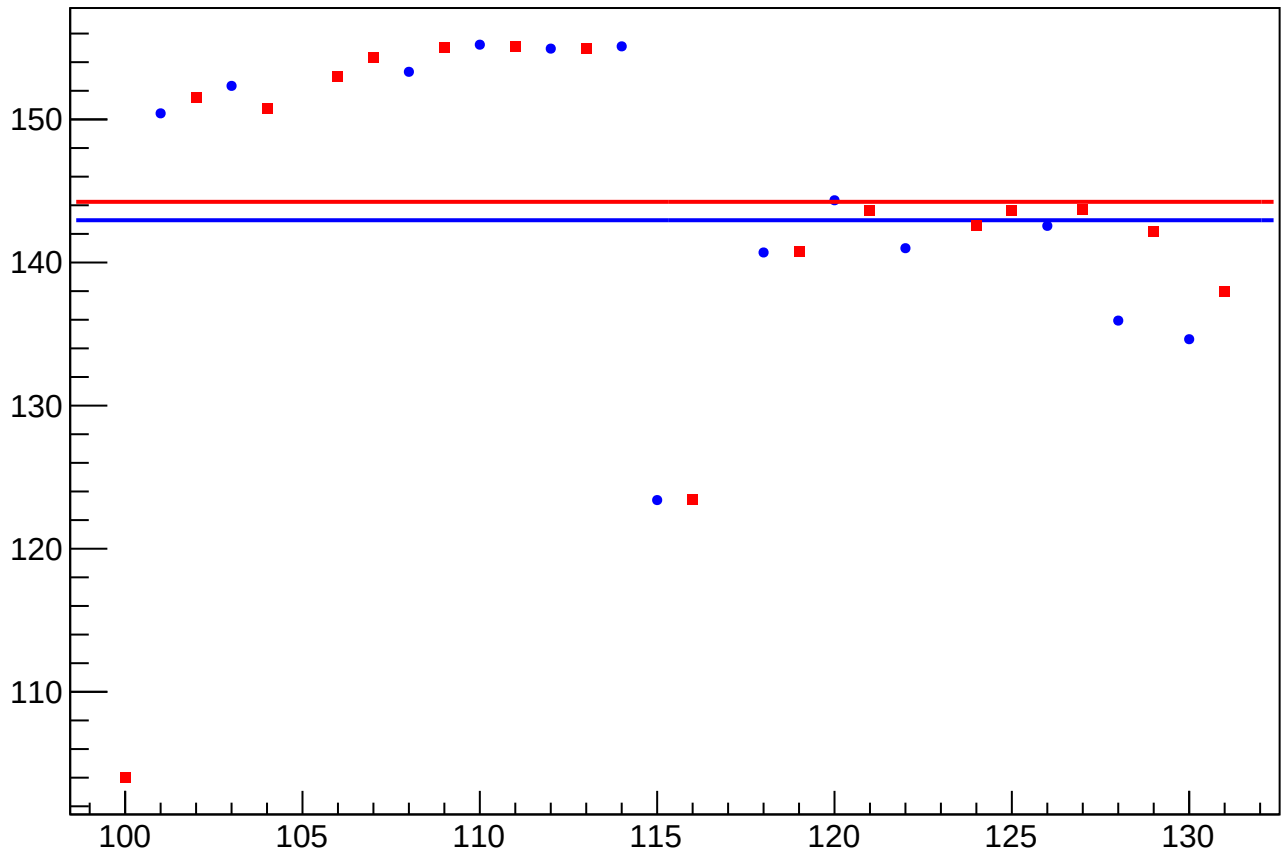
Right: 0.319+/-0.000 χ^2/NDF : 2622698.6/28

In: 0.316+/-0.000 χ^2/NDF :1364279.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

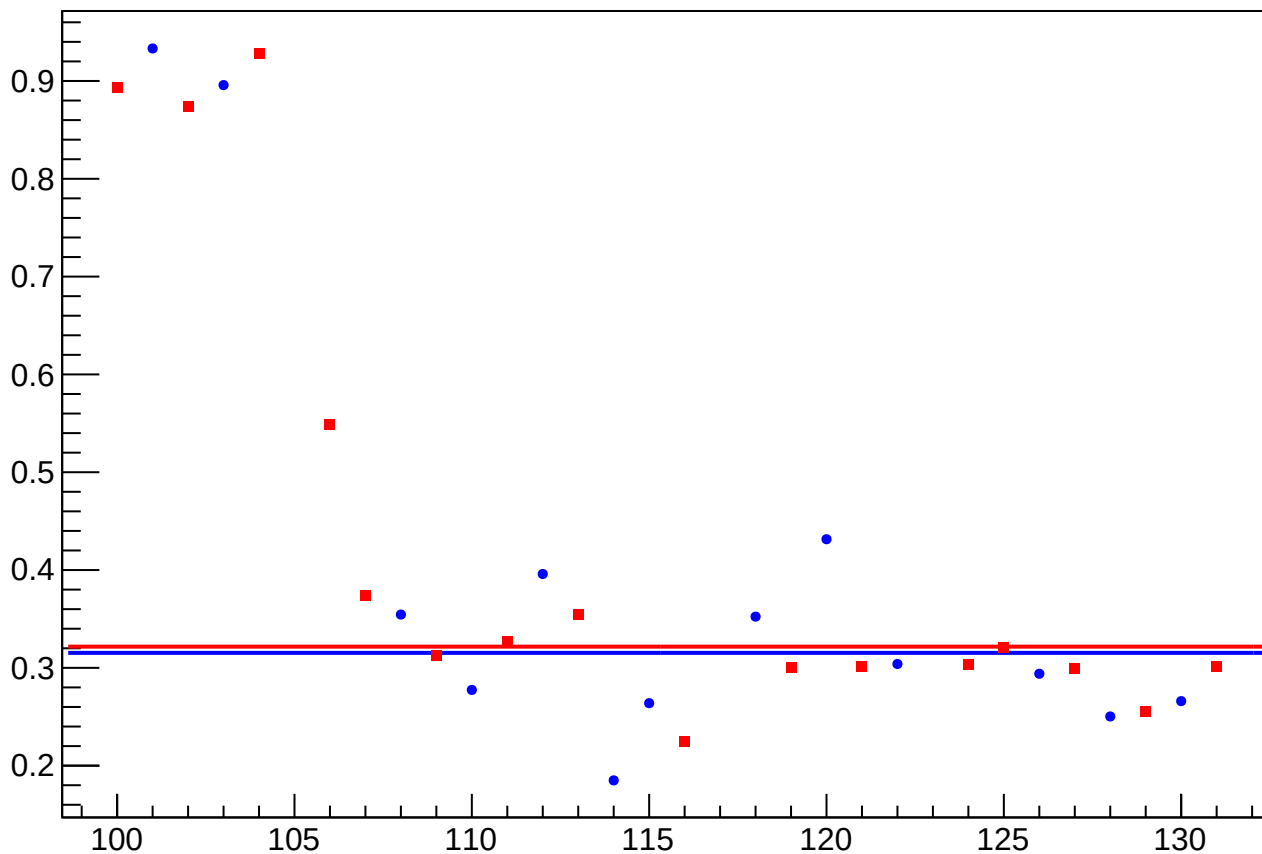
All: 0.319+/-0.000 χ^2/NDF : 2622698.6/28

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.955+/-0.000 χ^2/NDF : 3442989658.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 144.241+/-0.000 χ^2/NDF : 4171827151.2/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 143.631+/-0.000 χ^2/NDF : 7652808761.5

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1258208.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

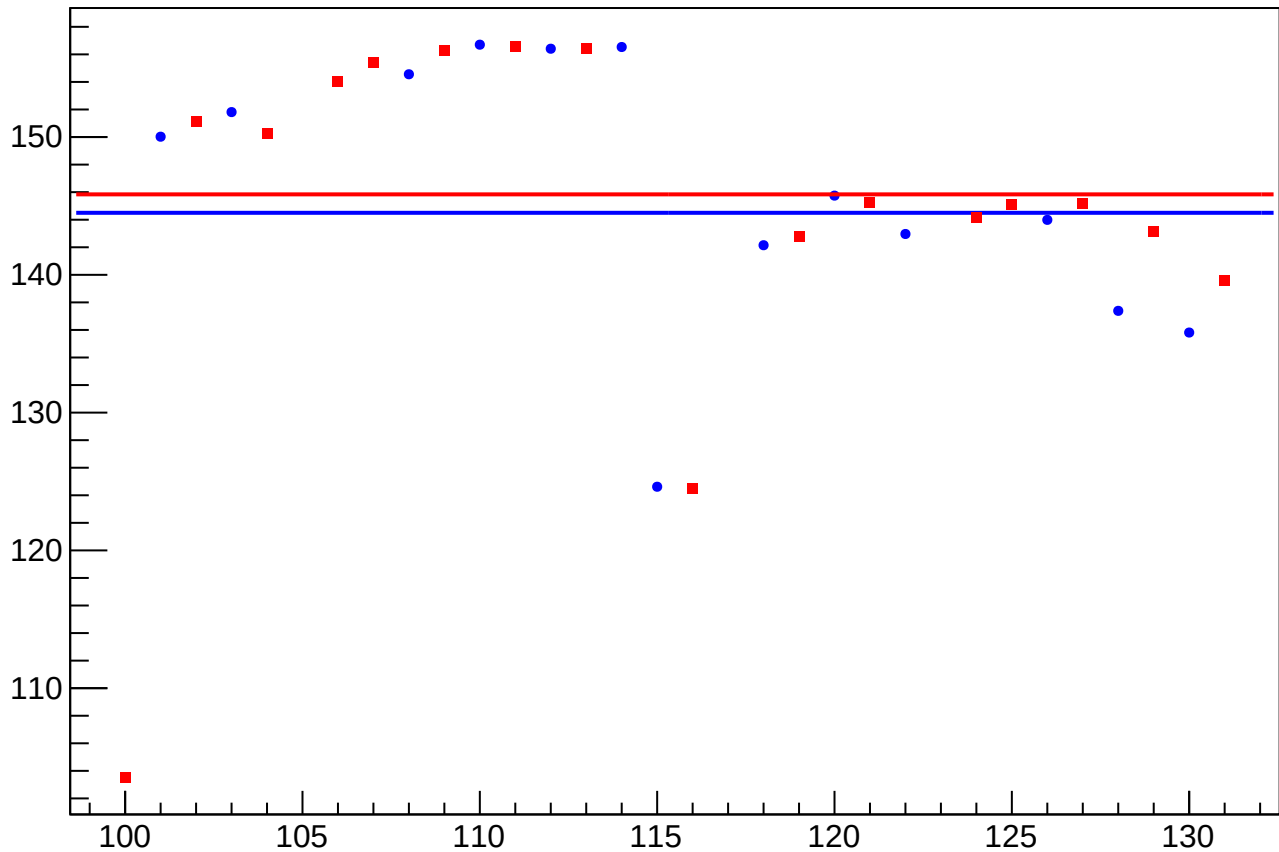
Right: 0.319+/-0.000 χ^2/NDF : 2627963.5/28

In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2627963.5/28

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.502+/-0.000 χ^2/NDF : 3222834934.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.840+/-0.000 χ^2/NDF : 3774000963.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

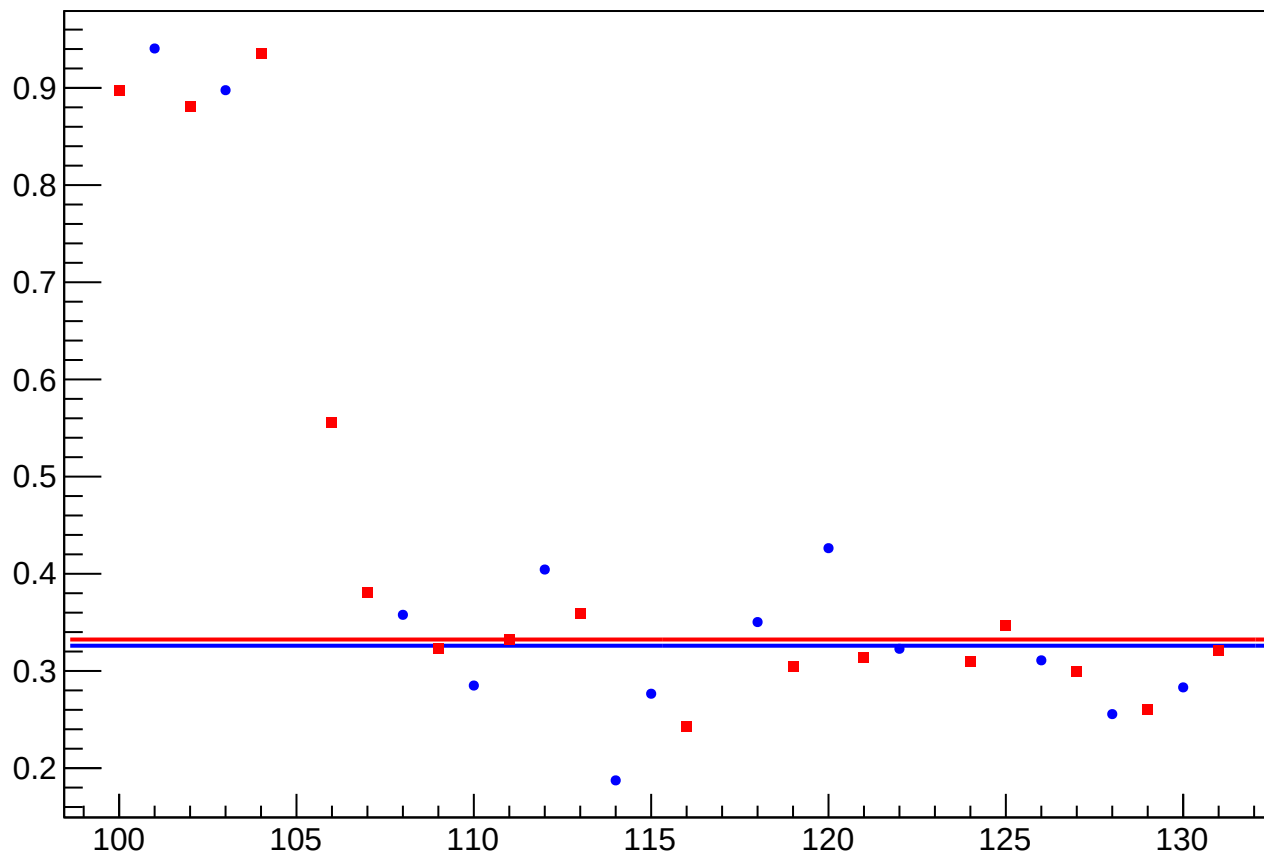
Right: 145.205+/-0.000 χ^2/NDF : 7035557025.9/28

In: 144.502+/-0.000 χ^2/NDF : 3222834934.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.205+/-0.000 χ^2/NDF : 7035557025.9

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.326+/-0.000 χ^2/NDF : 1315786.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.332+/-0.000 χ^2/NDF : 1212577.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

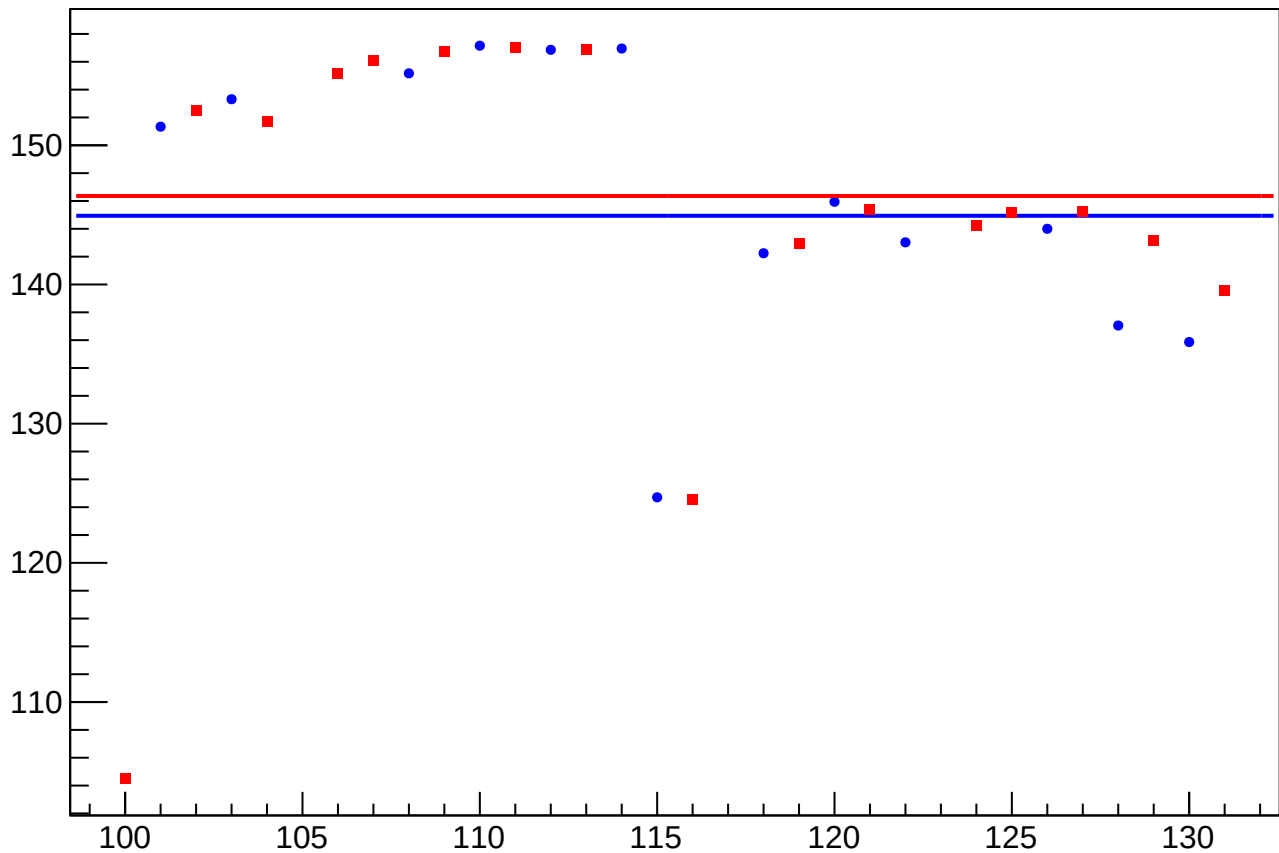
Right: 0.329+/-0.000 χ^2/NDF : 2530127.2/28

In: 0.326+/-0.000 χ^2/NDF : 1315786.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.329+/-0.000 χ^2/NDF : 2530127.2/28

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 144.936+/-0.000 χ^2/NDF : 3408750258.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.359+/-0.000 χ^2/NDF : 3876631021.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

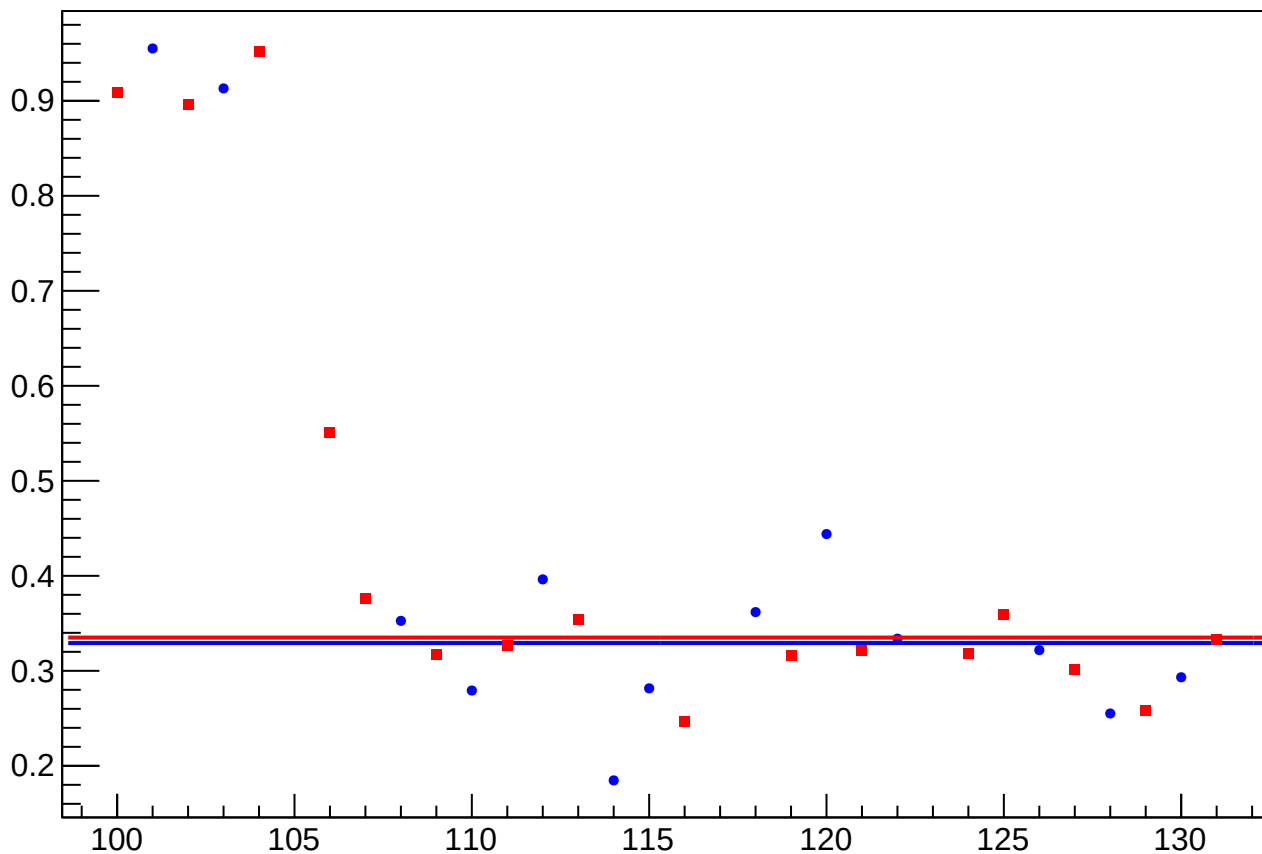
Right: 145.685+/-0.000 χ^2/NDF : 7328278827.8/28

In: 144.936+/-0.000 χ^2/NDF : 3408750258.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.685+/-0.000 χ^2/NDF : 7328278827.8

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.329+/-0.000 χ^2/NDF : 1339048.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.335+/-0.000 χ^2/NDF : 1213398.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

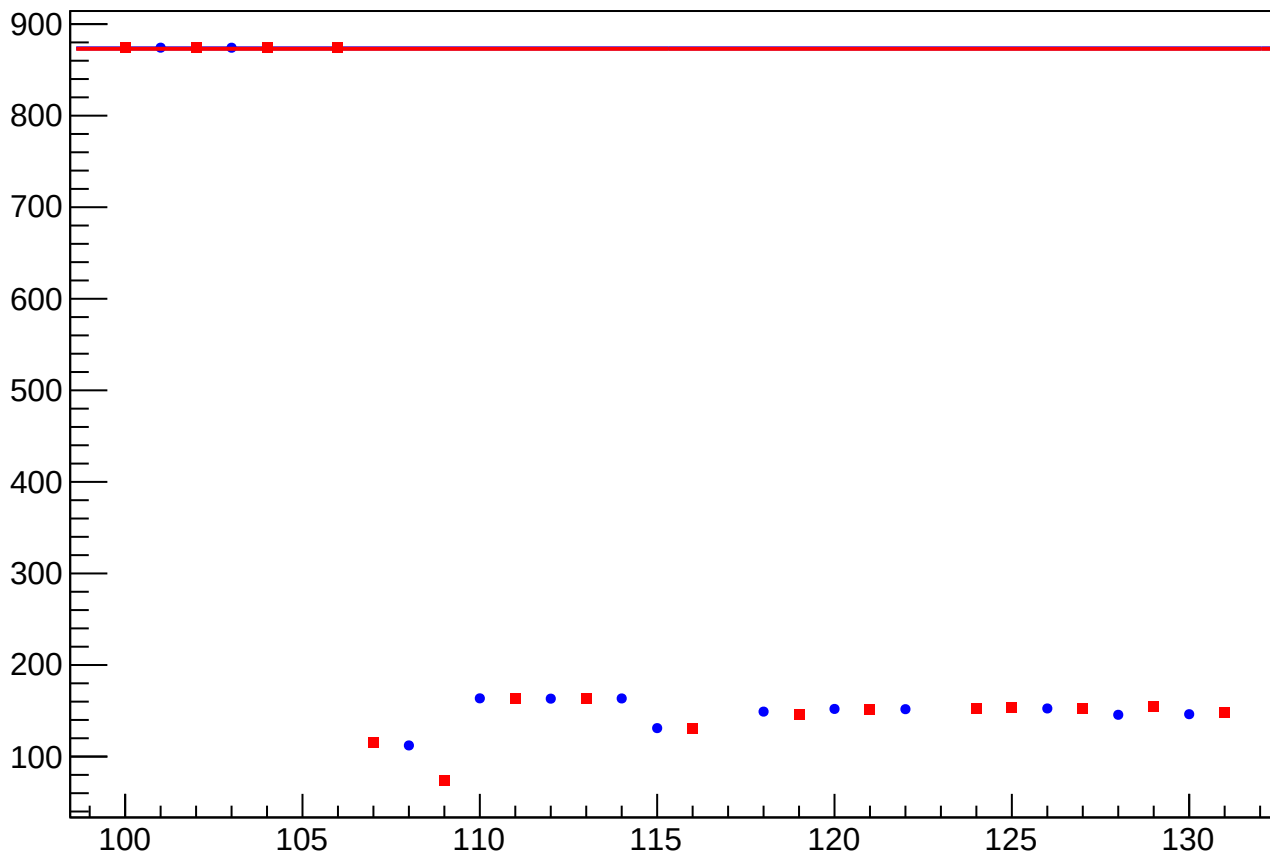
Right: 0.332+/-0.000 χ^2/NDF : 2553871.2/28

In: 0.329+/-0.000 χ^2/NDF : 1339048.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

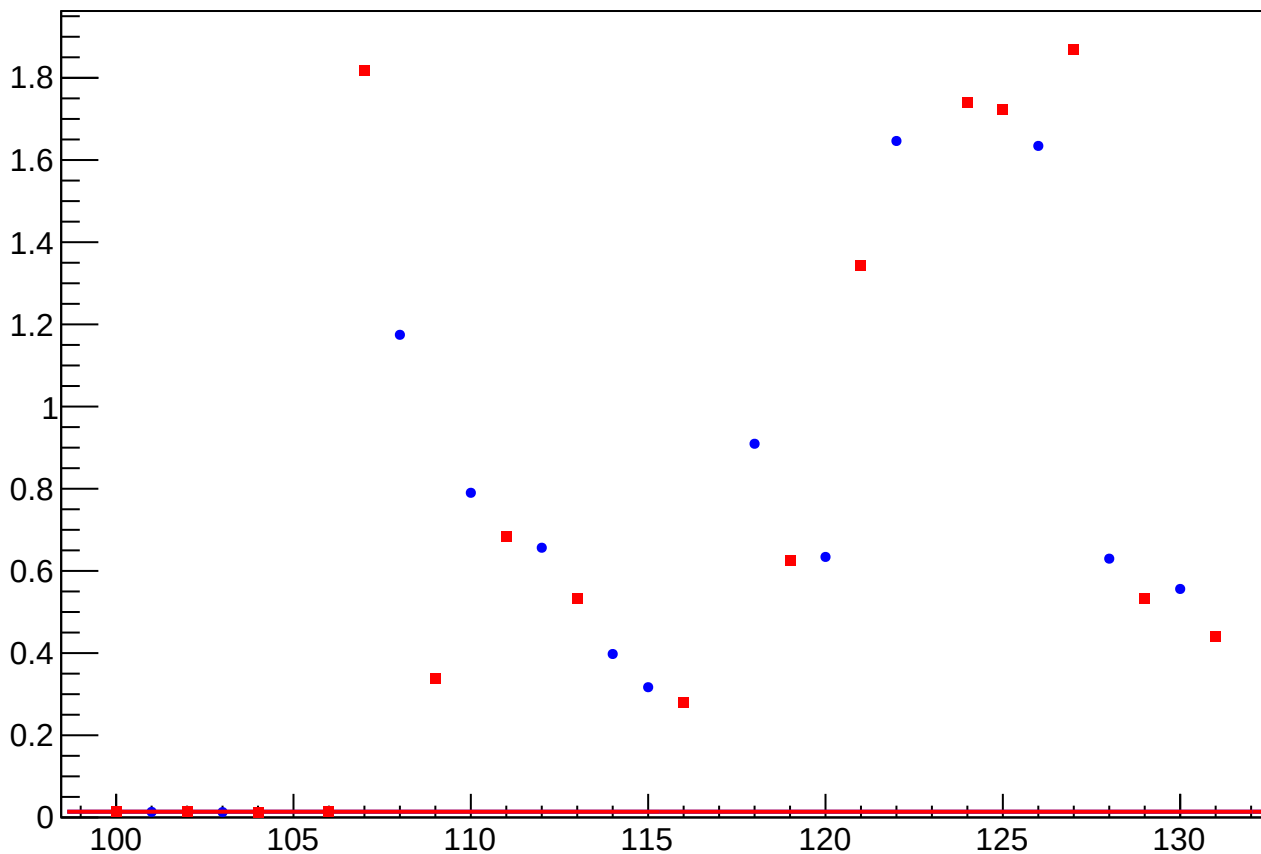
All: 0.332+/-0.000 χ^2/NDF : 2553871.2/28

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.477 $\pm$ 0.000 χ^2 /NDF: 3863772653749.2/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 873.012 $\pm$ 0.000 χ^2 /NDF: 7194199430856.9/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 873.228 $\pm$ 0.000 χ^2 /NDF: 11058796343733.0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 6639640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 7359572.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

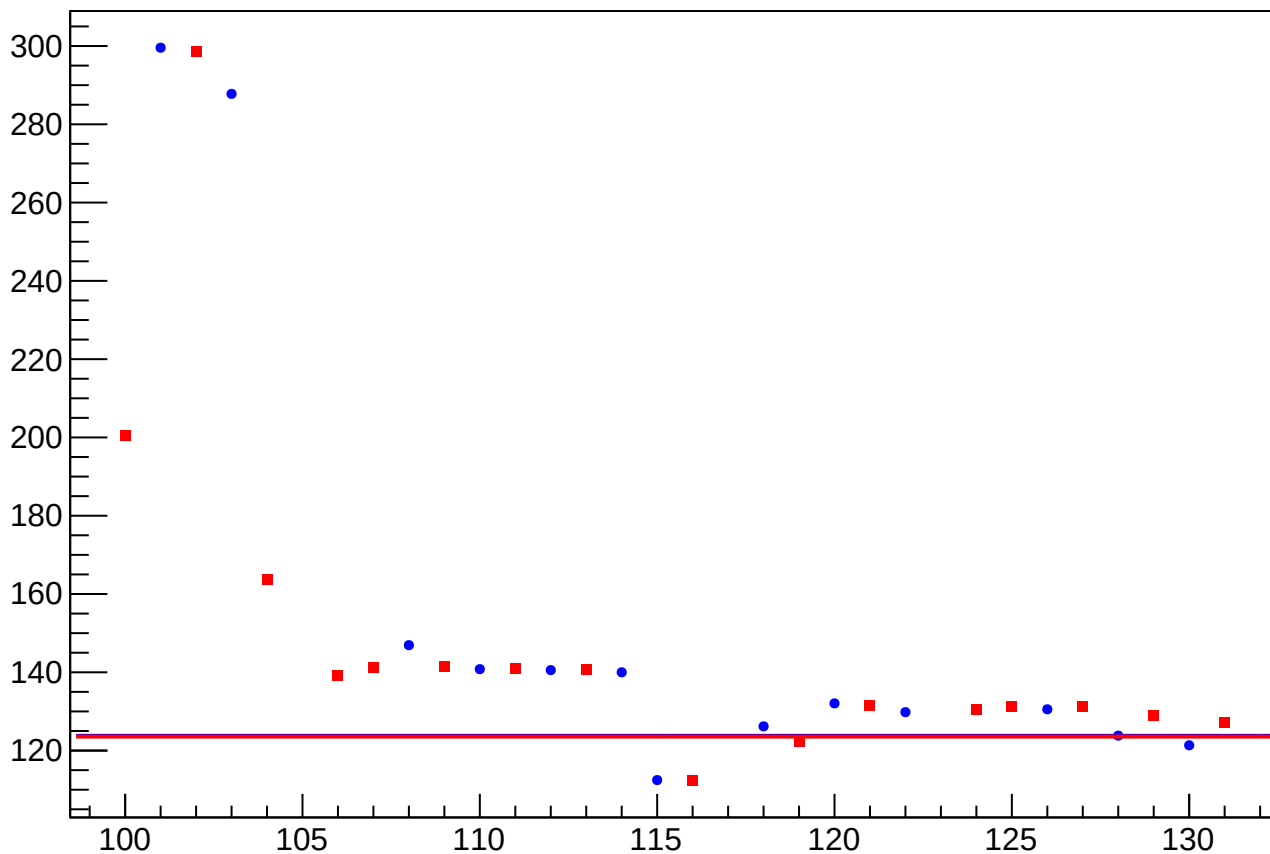
Right: 0.014+/-0.000 χ^2/NDF : 13999234.7/28

In: 0.014+/-0.000 χ^2/NDF :6639640.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 13999234.7/28

yield_cav4cQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 123.651+/-0.000 χ^2/NDF : 2510464857.5/28

In: 123.765+/-0.000 χ^2/NDF : 1254743129.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 123.765+/-0.000 χ^2/NDF : 1254743129.3/12

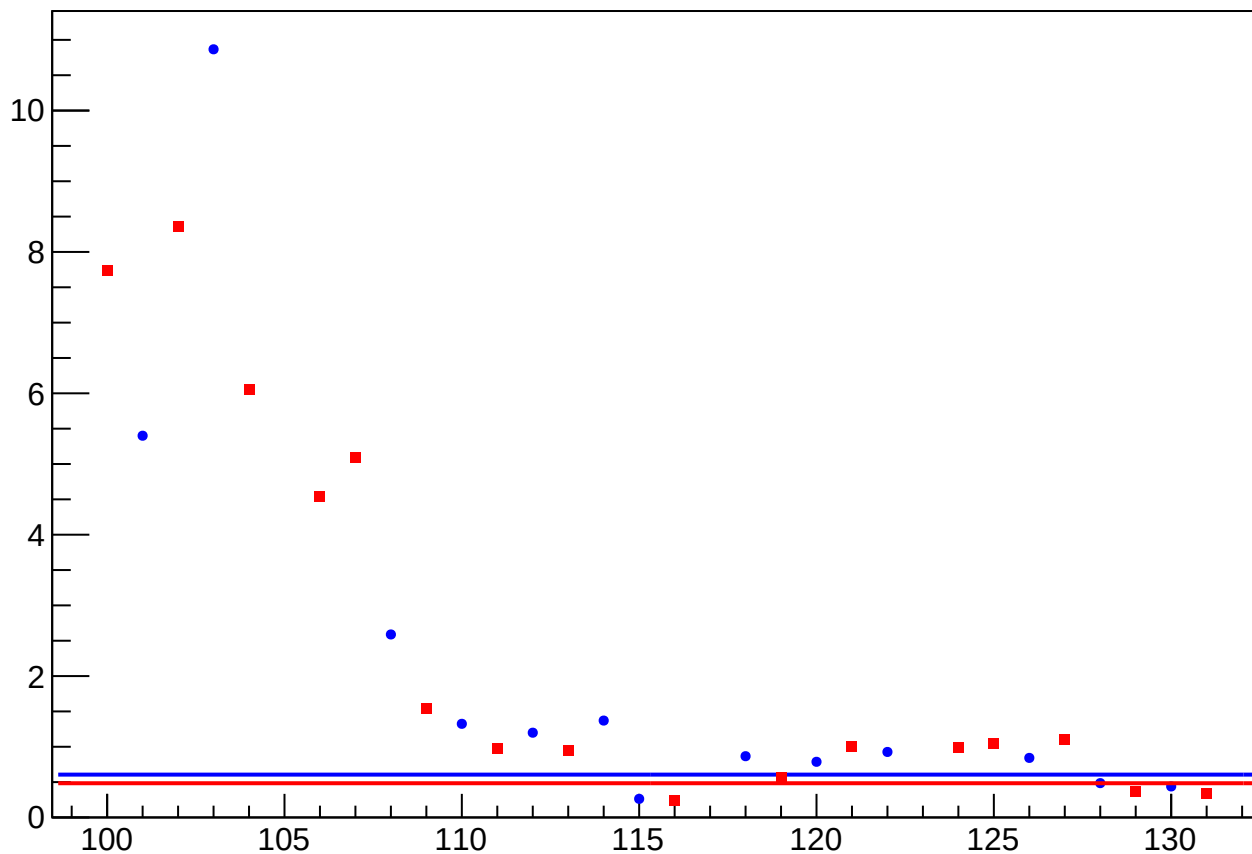
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.580+/-0.000 χ^2/NDF : 1255567405.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.651+/-0.000 χ^2/NDF : 2510464857.5

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.606+/-0.000 χ^2/NDF : 3660515.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.484+/-0.000 χ^2/NDF : 4841380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

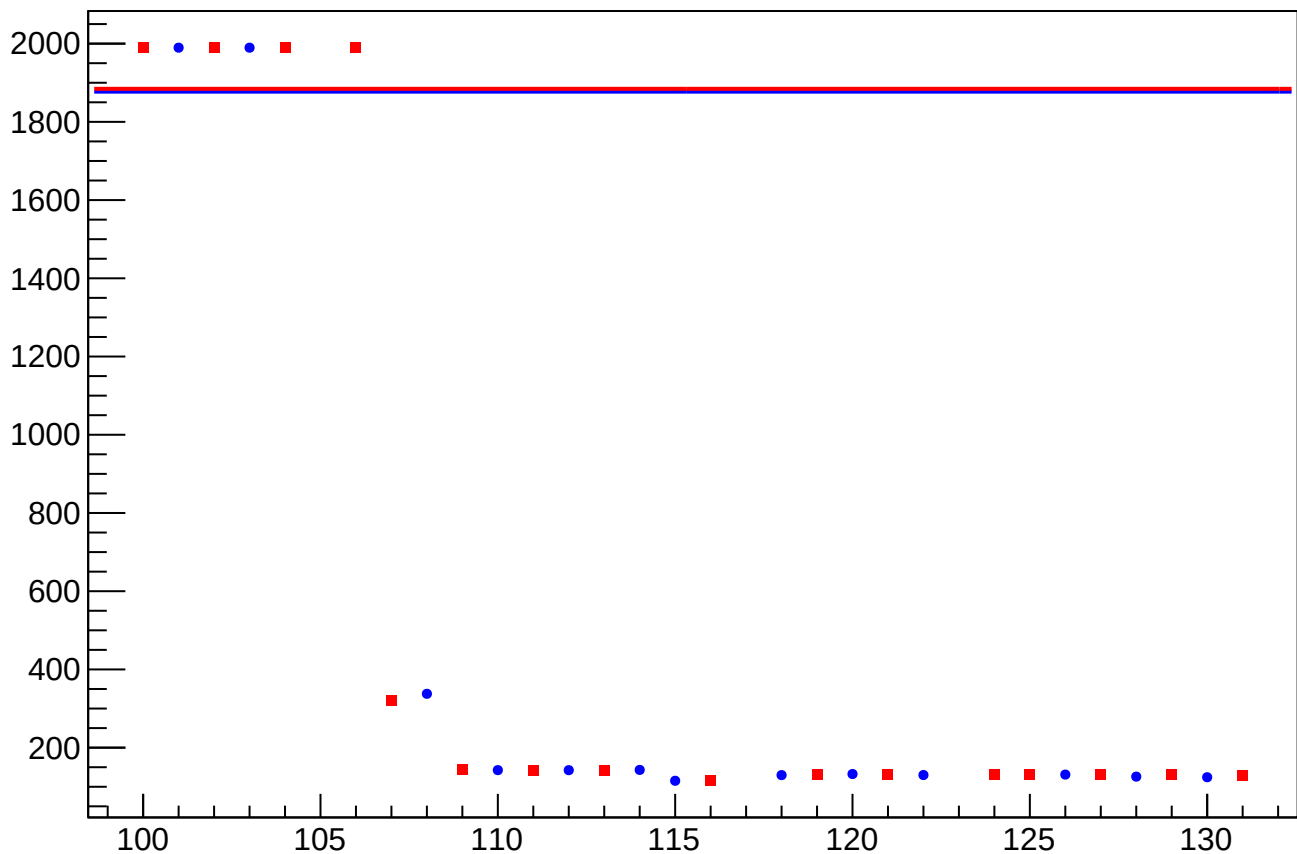
Right: 0.531+/-0.000 χ^2/NDF : 8636442.1/28

In: 0.606+/-0.000 χ^2/NDF : 3660515.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

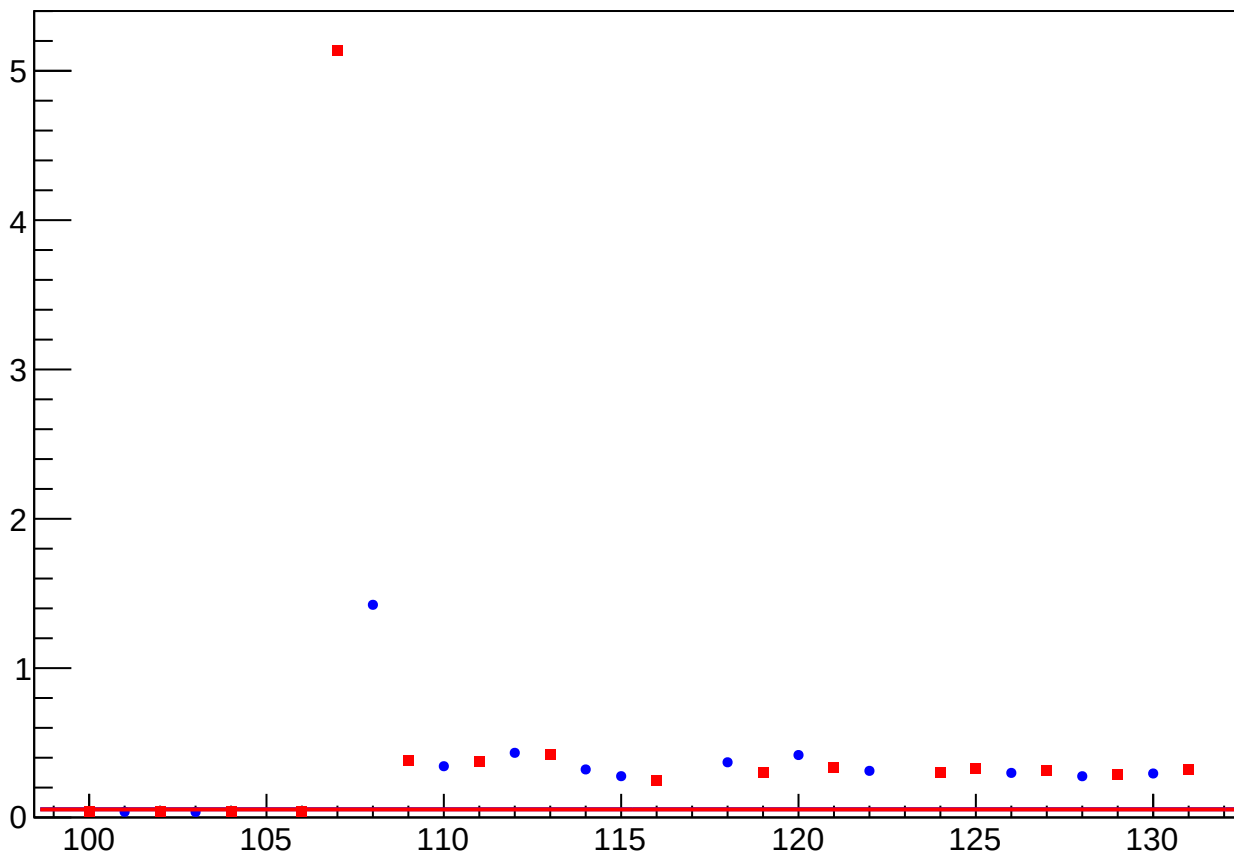
All: 0.531+/-0.000 χ^2/NDF : 8636442.1/28

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1877.285+/-0.000 χ^2/NDF : 109506854887045.1/12
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1881.177+/-0.000 χ^2/NDF : 23095131343821
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 1877.285+/-0.000 χ^2/NDF : 109506854887045.1/12
Right Out: 1884.473+/-0.000 χ^2/NDF : 121428847540063.8/15
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1881.177+/-0.000 χ^2/NDF : 23095131343821

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.055+/-0.000 χ^2/NDF : 5869885.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.054+/-0.000 χ^2/NDF : 6100130.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

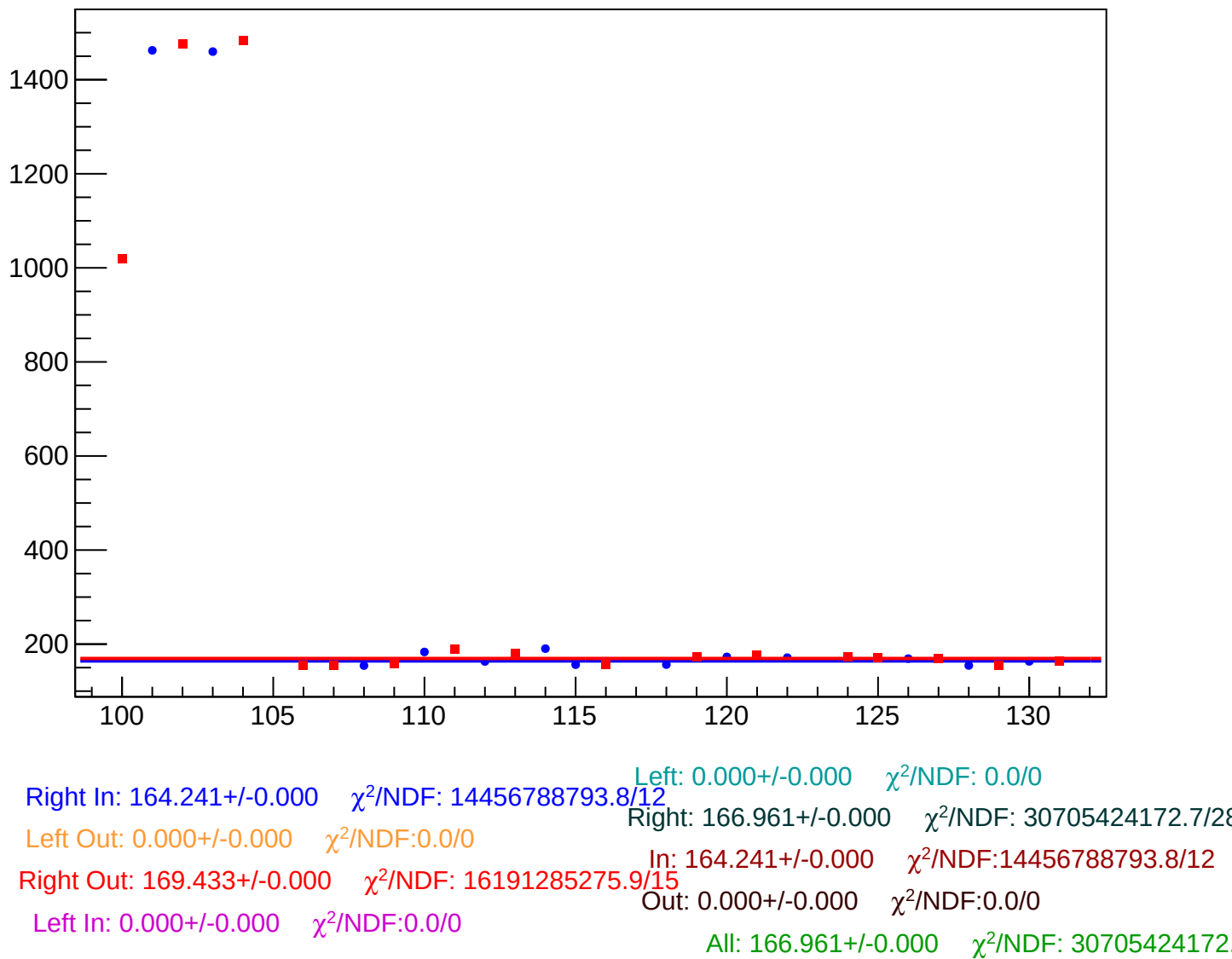
Right: 0.054+/-0.000 χ^2/NDF : 11971277.0/28

In: 0.055+/-0.000 χ^2/NDF : 5869885.9/12

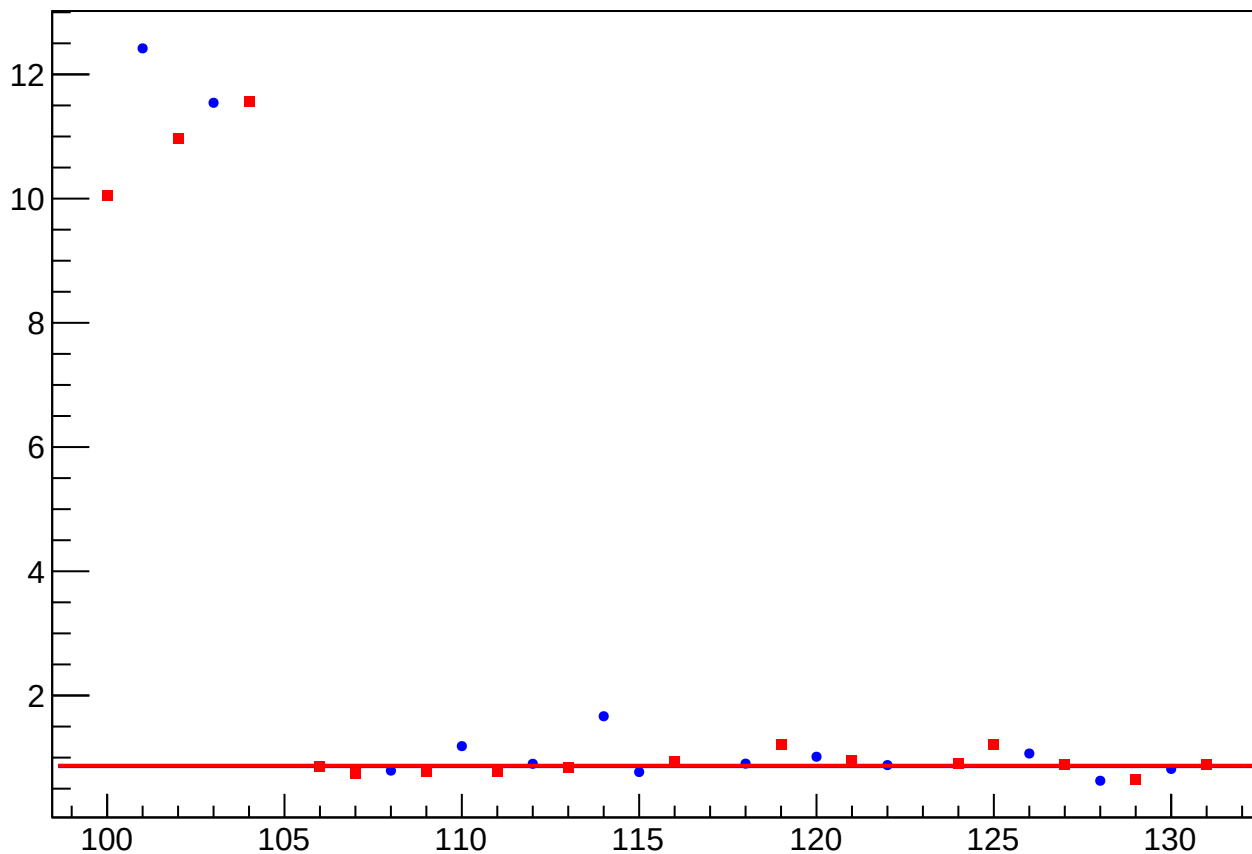
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.000 χ^2/NDF : 11971277.0/28

yield_bcm0l02_mean vs Slug, Sign Corrected



yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.863+/-0.000 χ^2/NDF : 2294925.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.000 χ^2/NDF : 2180565.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

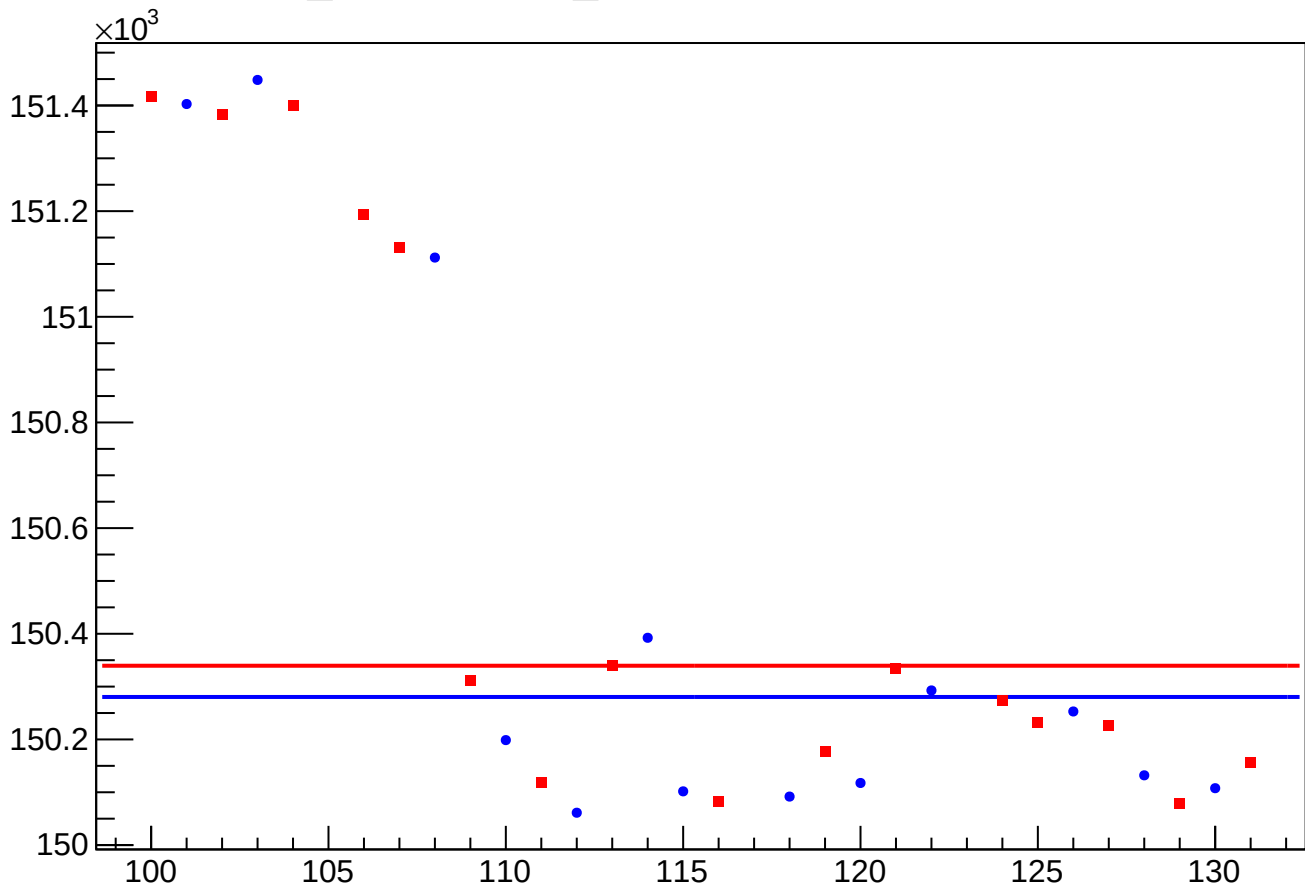
Right: 0.866+/-0.000 χ^2/NDF : 4475671.4/28

In: 0.863+/-0.000 χ^2/NDF : 2294925.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.866+/-0.000 χ^2/NDF : 4475671.4/28

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150280.378+/-0.061 χ^2 /NDF: 34381951.1/12

Right: 150313.226+/-0.040 χ^2 /NDF: 72978219.3/28

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

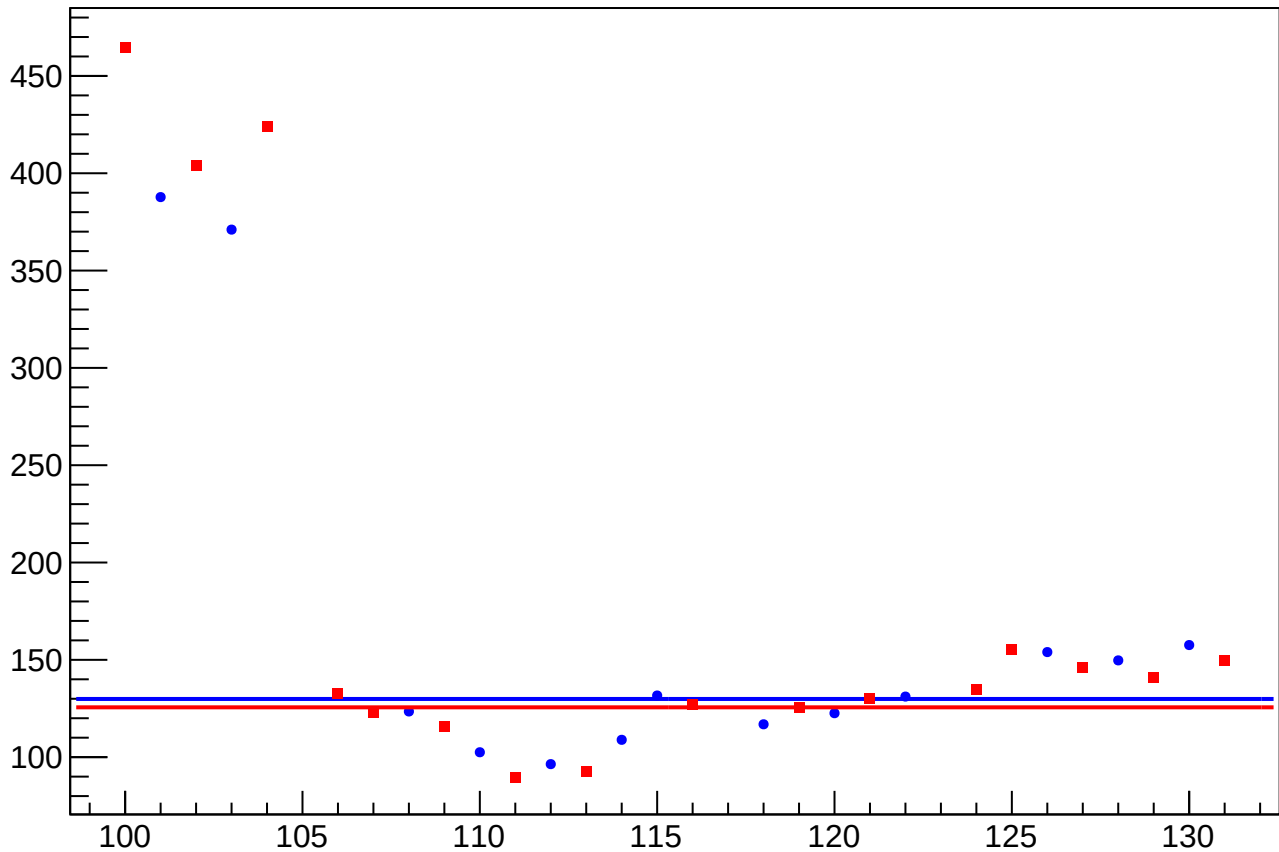
Right Out: 150339.499+/-0.054 χ^2 /NDF: 38067721.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150313.226+/-0.040 χ^2 /NDF: 72978219.3/28

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.600+/-0.038 χ^2/NDF : 1535220.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

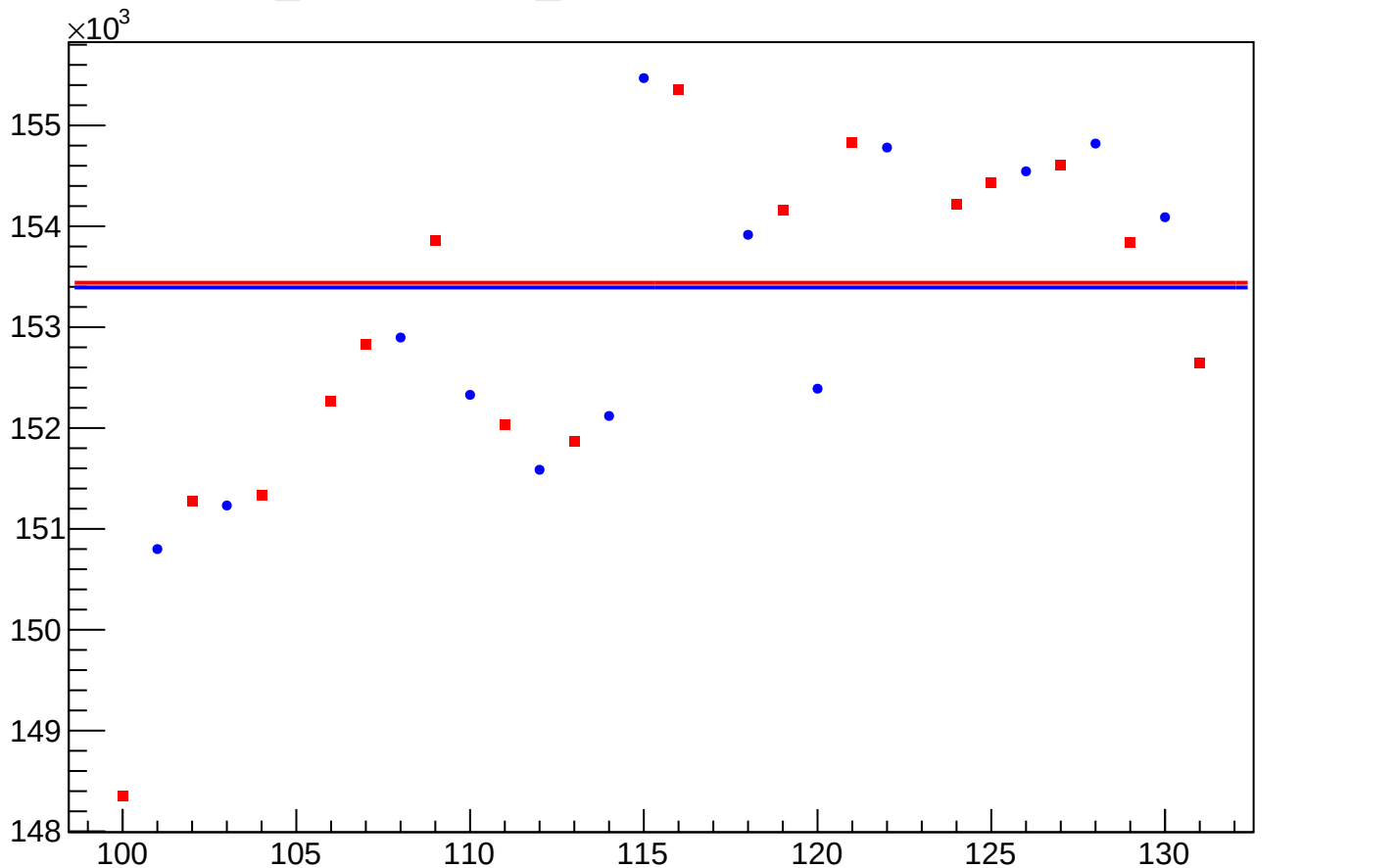
Right: 127.511+/-0.029 χ^2/NDF : 2847043.3/28

In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

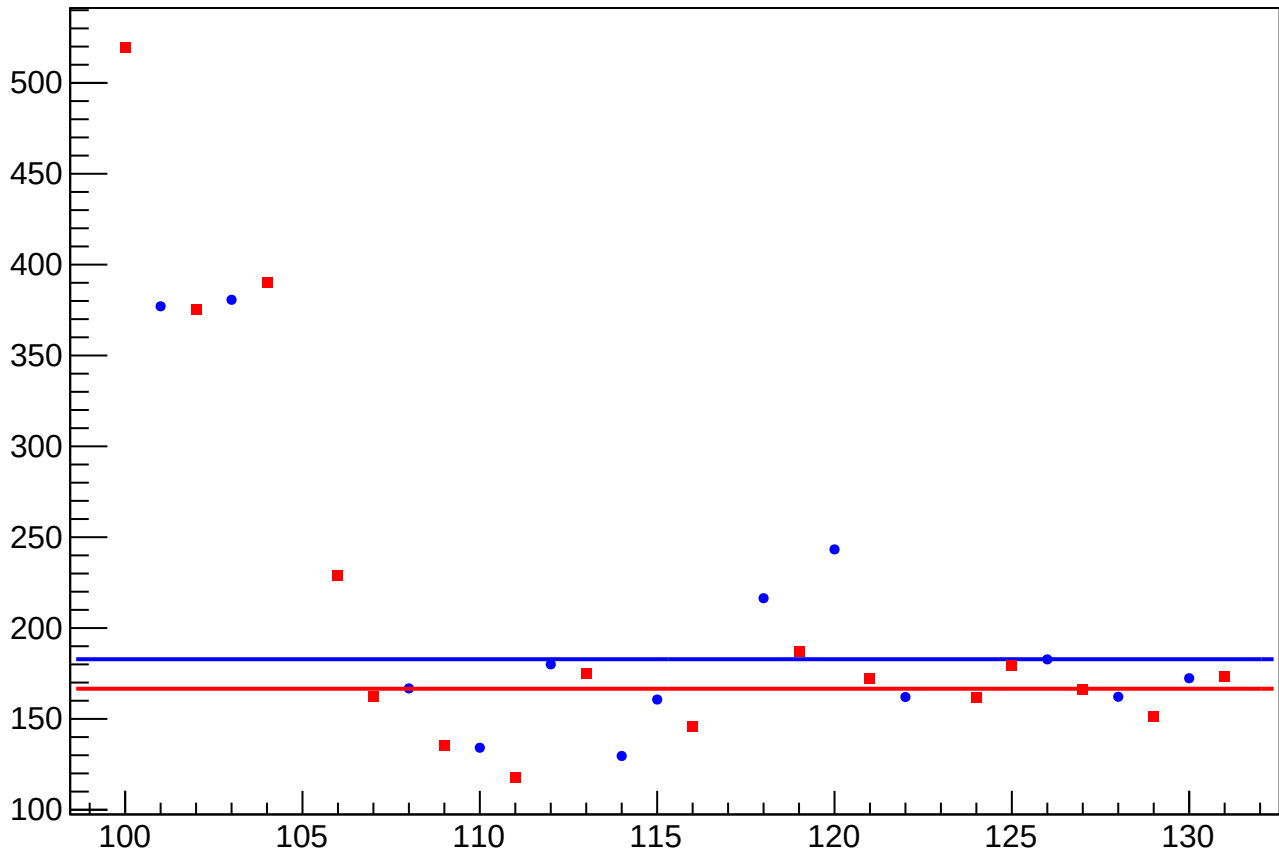
All: 127.511+/-0.029 χ^2/NDF : 2847043.3/28

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 153420.842 $\pm$ 0.055 χ^2 /NDF: 499342037.2/2
 In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12
 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: 153420.842 $\pm$ 0.055 χ^2 /NDF: 499342037.2/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.613+/-0.051 χ^2/NDF : 1075753.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

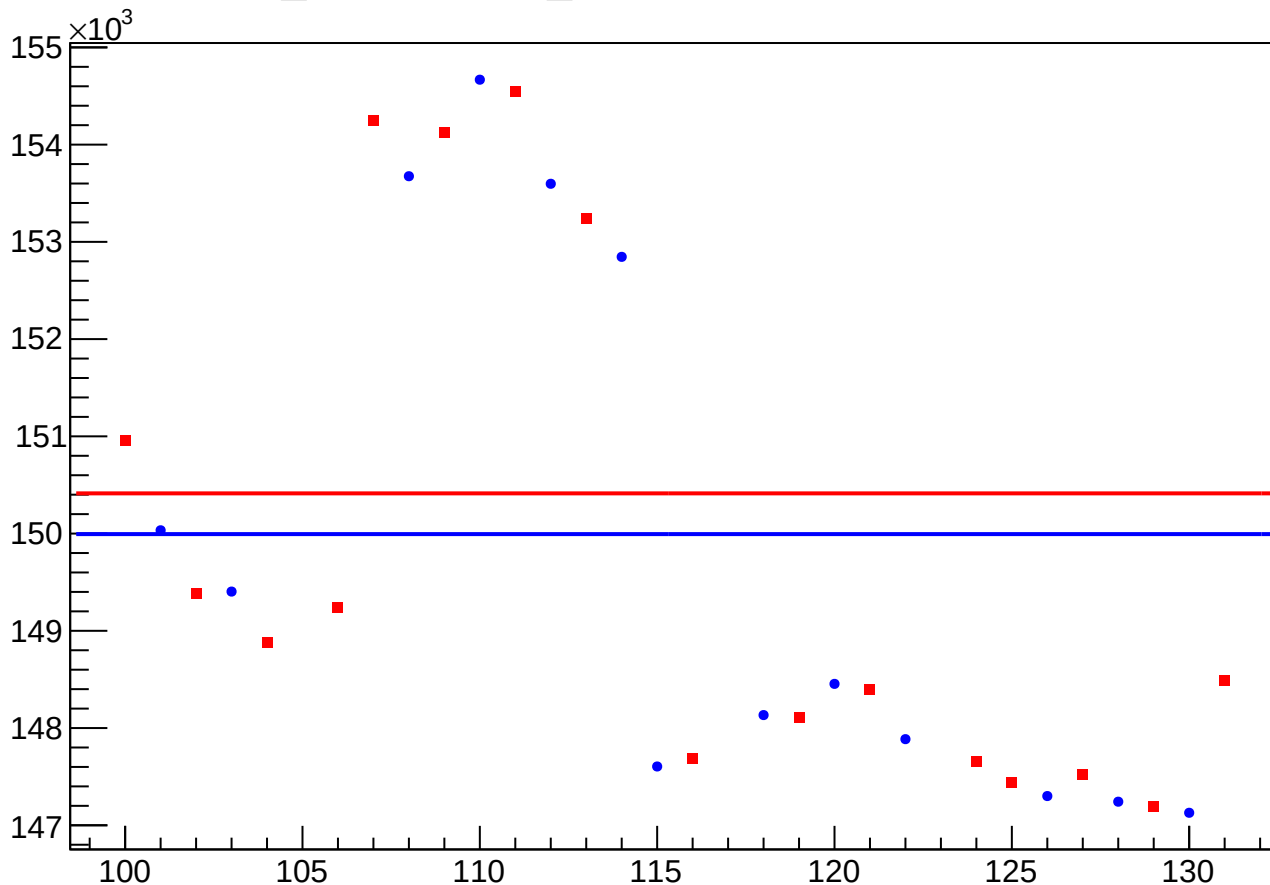
Right: 173.383+/-0.039 χ^2/NDF : 2014657.8/28

In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.383+/-0.039 χ^2/NDF : 2014657.8/28

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 149994.571+/-0.070 χ^2 /NDF: 1781707087.7/12

Right: 150222.717+/-0.047 χ^2 /NDF: 4018089993.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

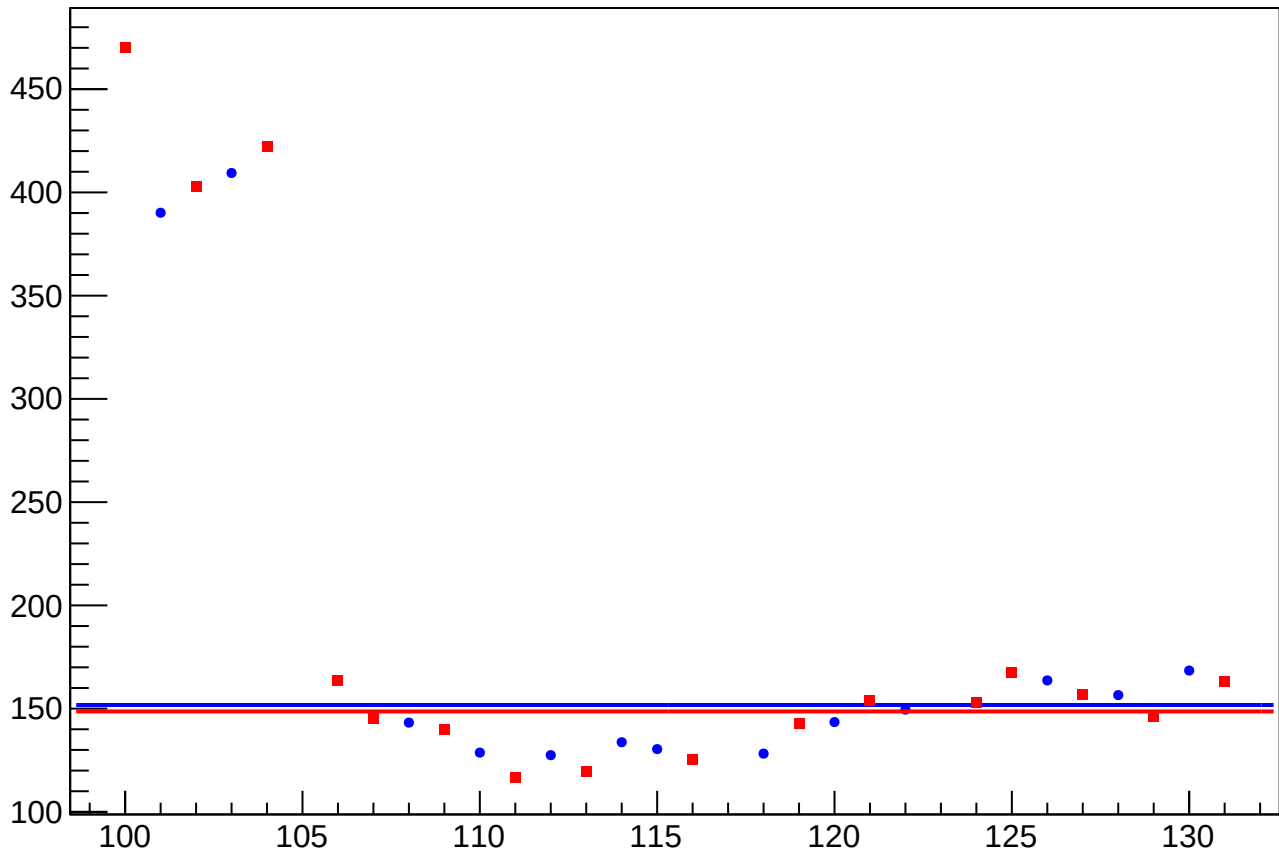
Right Out: 150413.515+/-0.064 χ^2 /NDF: 2216736874.5/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150222.717+/-0.047 χ^2 /NDF: 4018089993.8/12

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 151.761+/-0.049 χ^2/NDF : 1087468.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.638+/-0.045 χ^2/NDF : 1179449.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

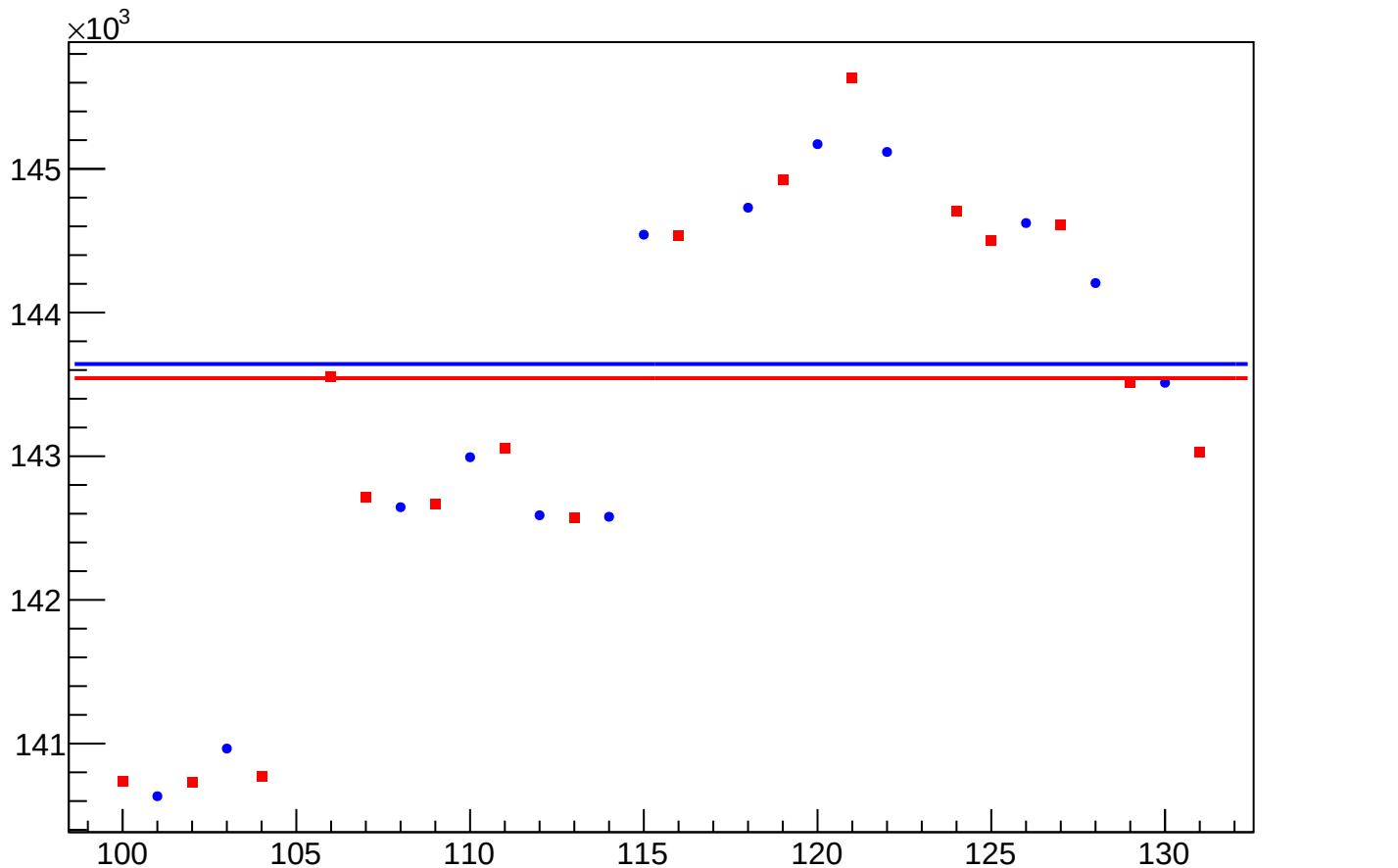
Right: 150.061+/-0.033 χ^2/NDF : 2269101.4/28

In: 151.761+/-0.049 χ^2/NDF : 1087468.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

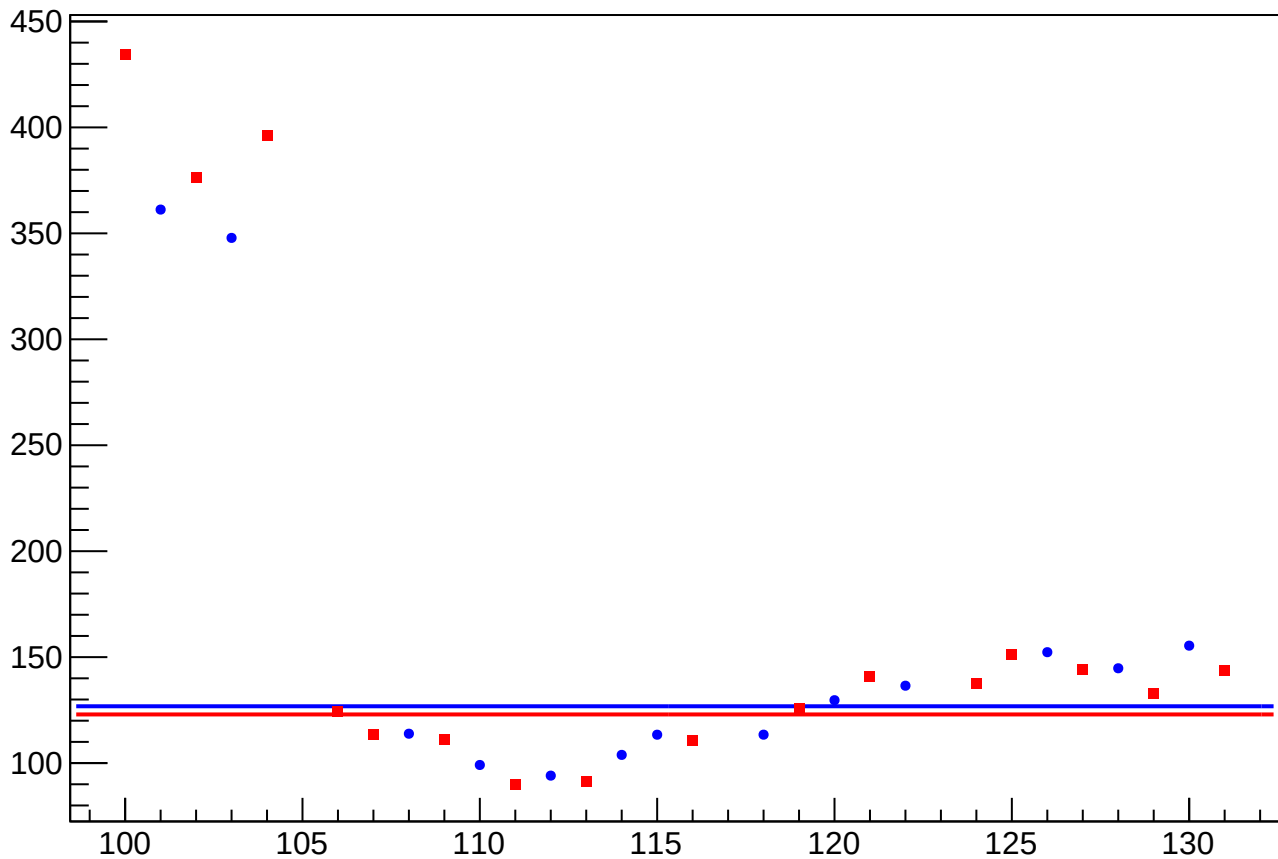
All: 150.061+/-0.033 χ^2/NDF : 2269101.4/28

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 143641.834+/-0.059 χ^2/NDF : 364247759.6/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 143587.068+/-0.039 χ^2/NDF : 773228819.4/2
 In: 143641.834+/-0.059 χ^2/NDF : 364247759.6/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 143587.068+/-0.039 χ^2/NDF : 773228819.4/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 126.812 $\pm$ 0.042 χ^2 /NDF: 1286383.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.956 $\pm$ 0.037 χ^2 /NDF: 1476518.2/15

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

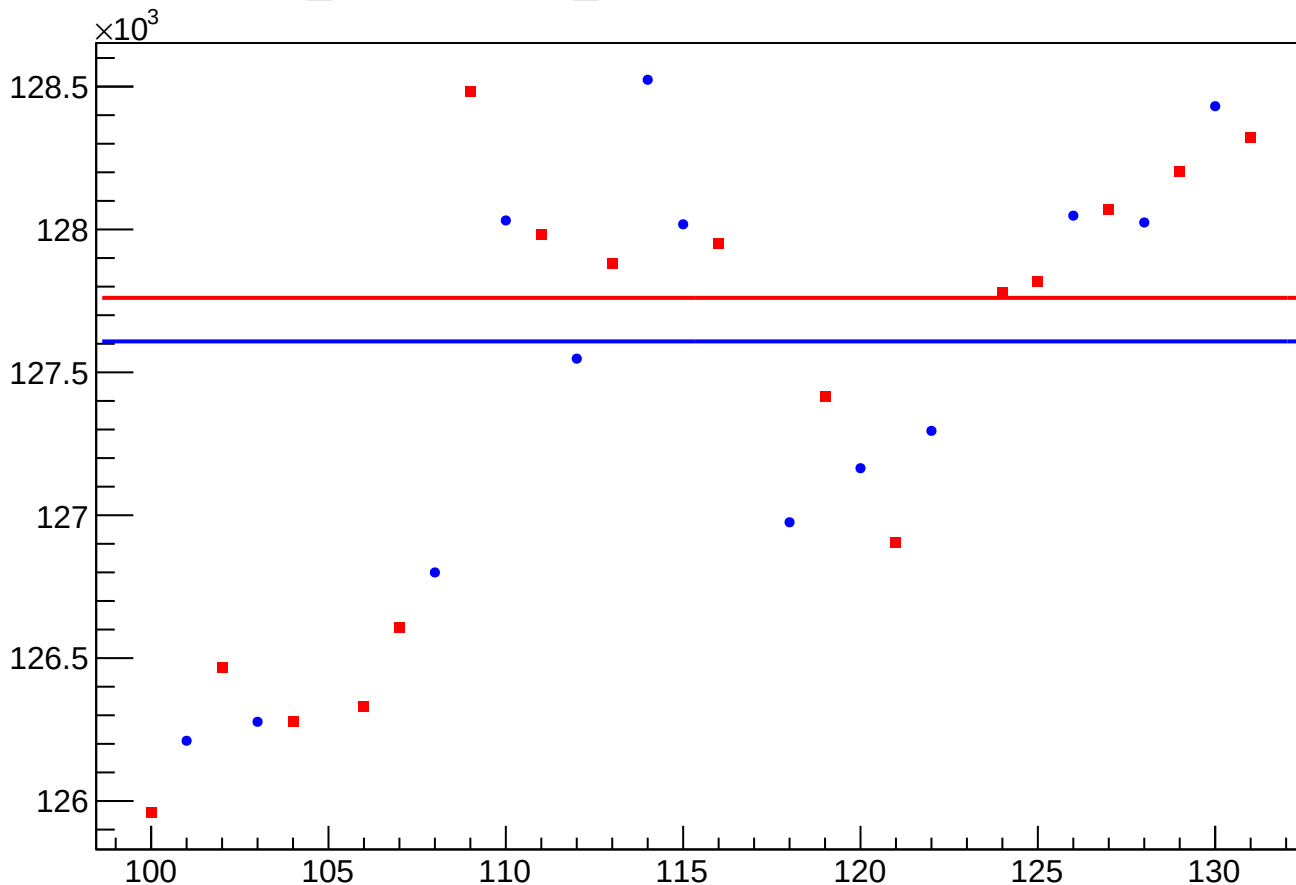
Right: 124.670 $\pm$ 0.028 χ^2 /NDF: 2767621.6/28

In: 126.812 $\pm$ 0.042 χ^2 /NDF:1286383.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

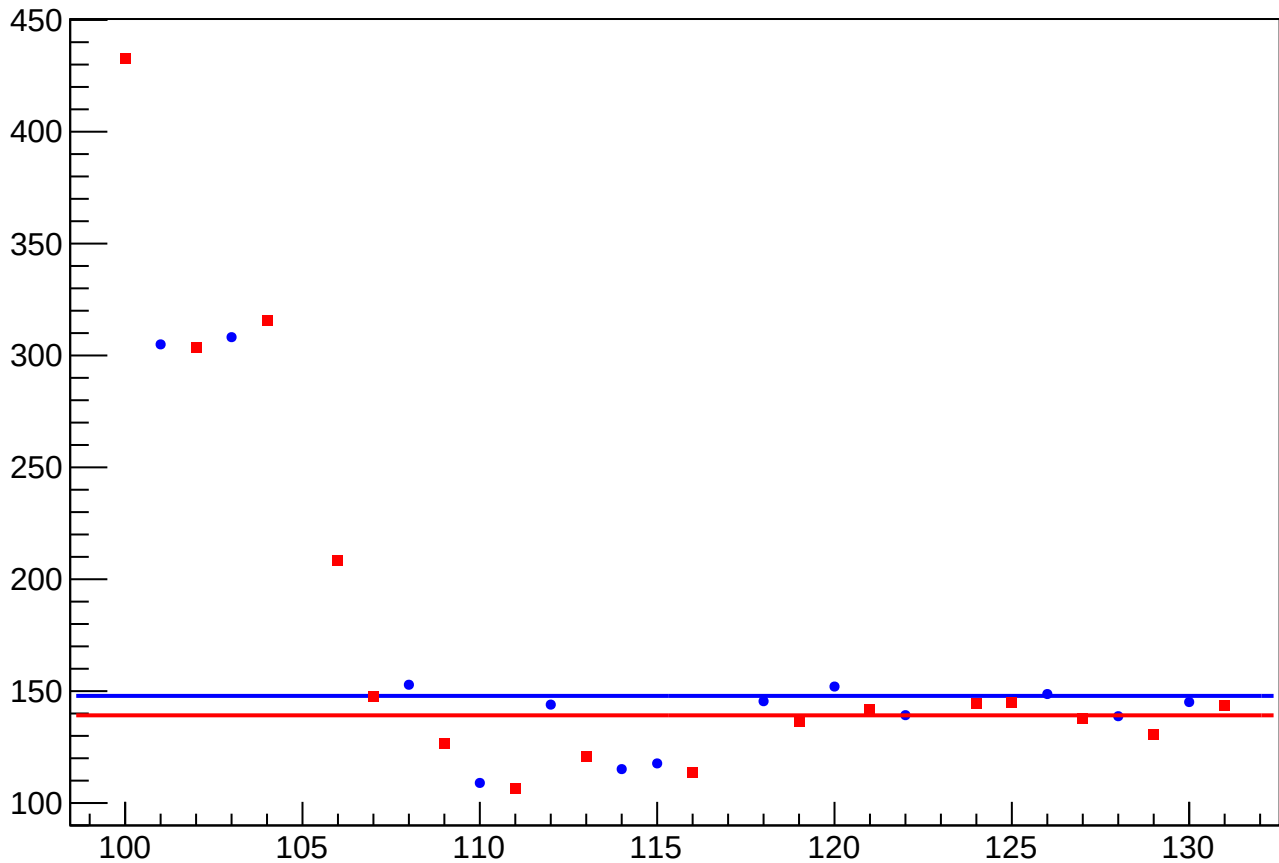
All: 124.670 $\pm$ 0.028 χ^2 /NDF: 2767621.6/28

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127608.276 $\pm$ 0.067 χ^2 /NDF: 87525341.2/12
 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: 127694.612 $\pm$ 0.044 χ^2 /NDF: 193780116.5/2
 Right Out: 127760.666 $\pm$ 0.059 χ^2 /NDF: 103348128.2/15
 In: 127608.276 $\pm$ 0.067 χ^2 /NDF: 87525341.2/12
 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: 127694.612 $\pm$ 0.044 χ^2 /NDF: 193780116.5/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 147.872 $\pm$ 0.048 χ^2 /NDF: 808386.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.182 $\pm$ 0.042 χ^2 /NDF: 974860.0/15

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

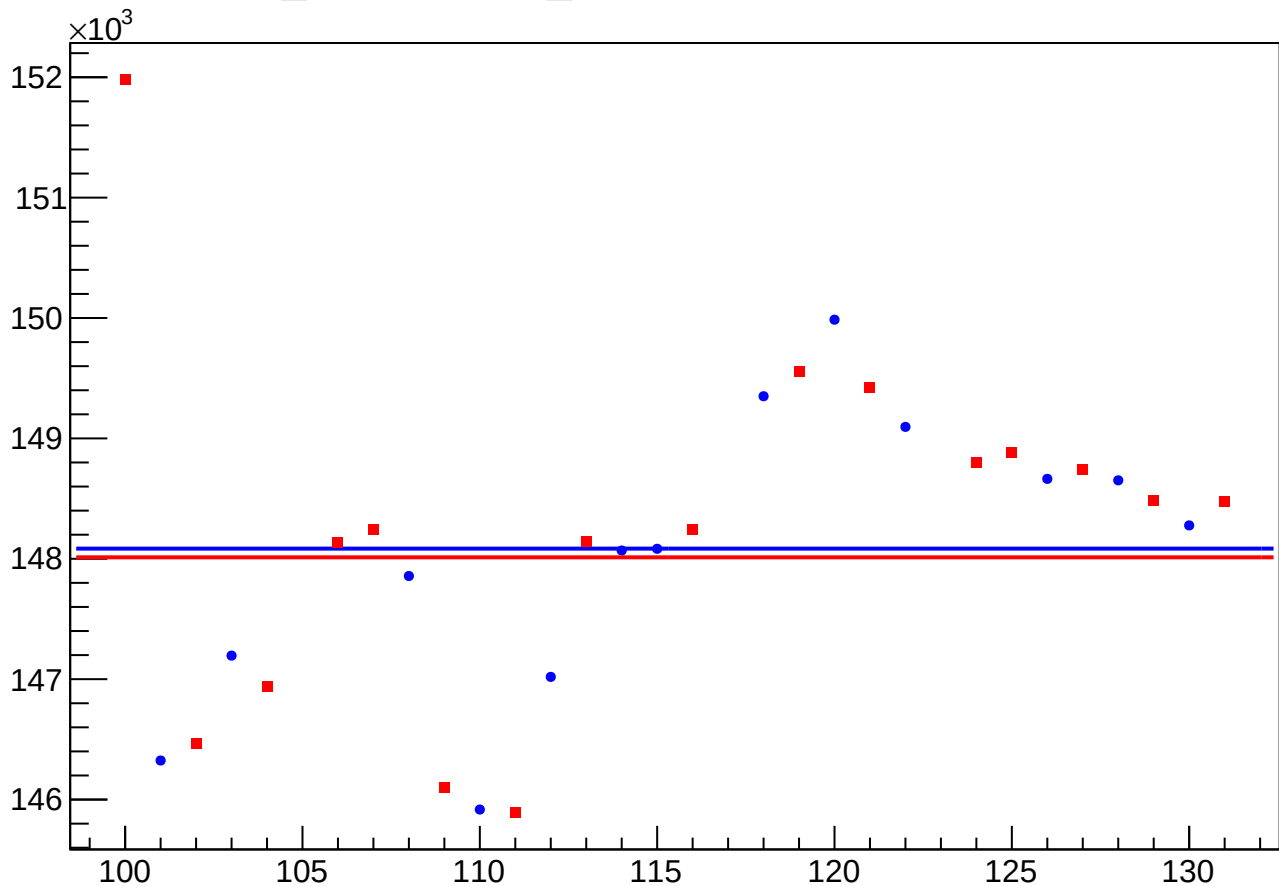
Right: 142.949 $\pm$ 0.031 χ^2 /NDF: 1802149.8/28

In: 147.872 $\pm$ 0.048 χ^2 /NDF:808386.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.949 $\pm$ 0.031 χ^2 /NDF: 1802149.8/28

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148084.554+/-0.098 χ^2 /NDF: 109901850.7/12

Right: 148042.611+/-0.063 χ^2 /NDF: 323855356.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 148012.109+/-0.083 χ^2 /NDF: 213633949.5/15

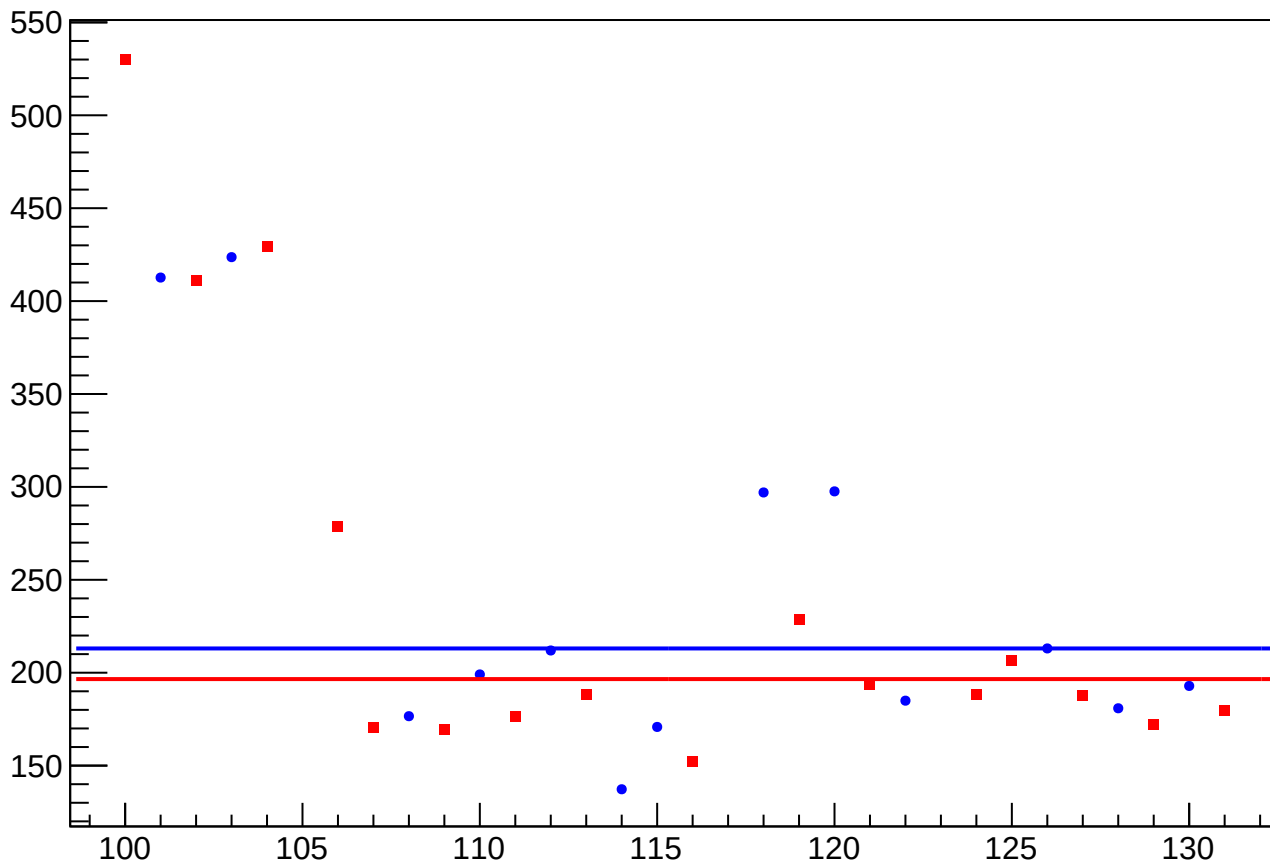
In: 148084.554+/-0.098 χ^2 /NDF: 109901850.7/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148042.611+/-0.063 χ^2 /NDF: 323855356.5/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 213.053+/-0.069 χ^2/NDF : 917129.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 196.572+/-0.059 χ^2/NDF : 899058.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

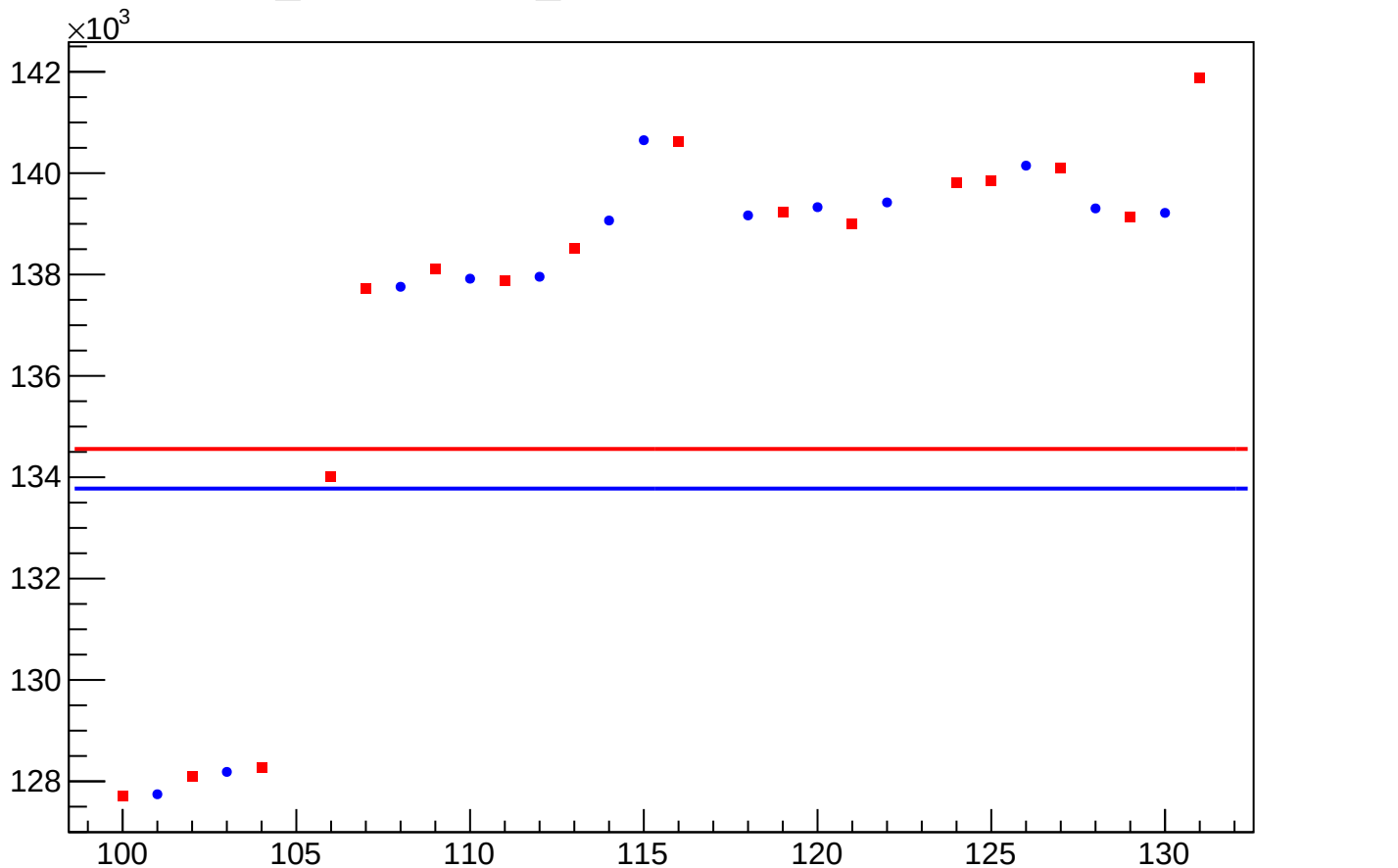
Right: 203.511+/-0.045 χ^2/NDF : 1849263.5/28

In: 213.053+/-0.069 χ^2/NDF :917129.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

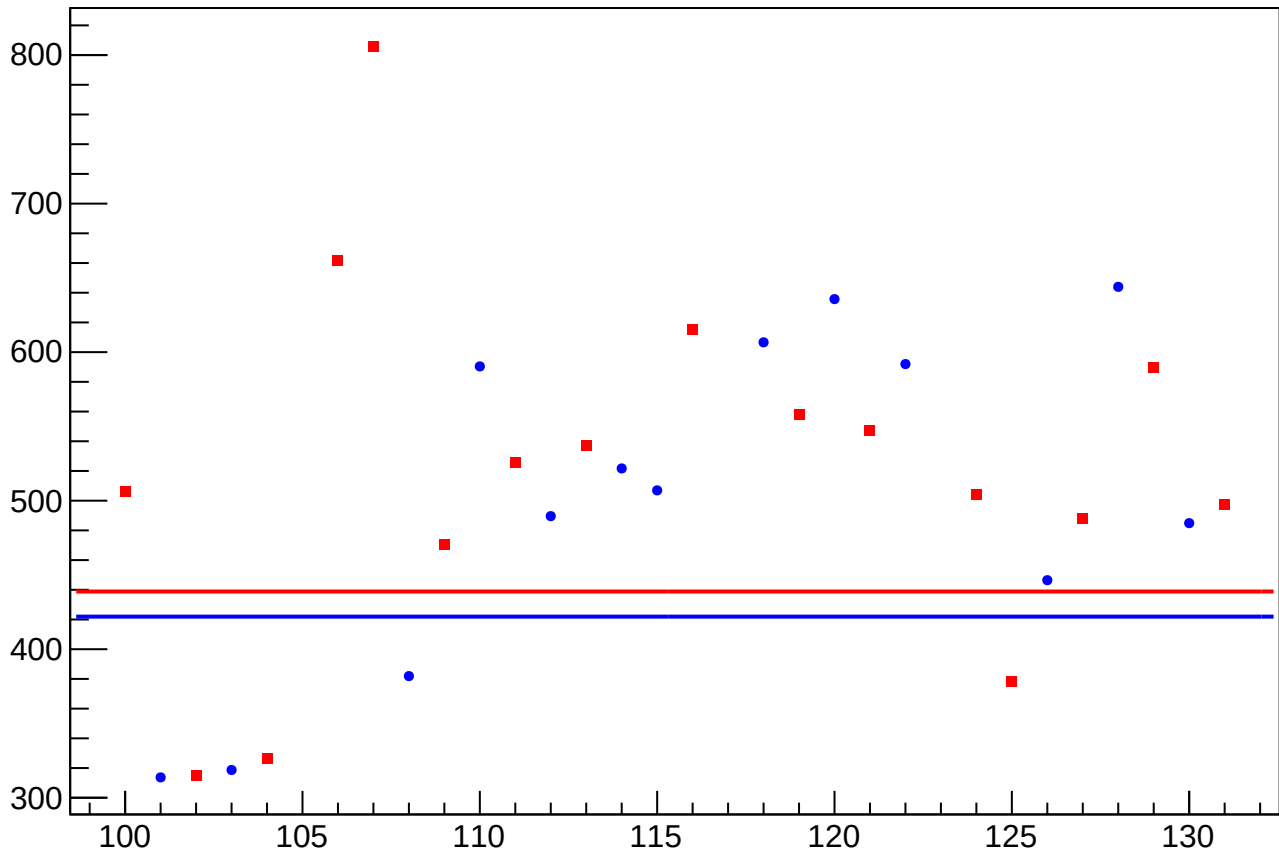
All: 203.511+/-0.045 χ^2/NDF : 1849263.5/28

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 134178.504+/-0.135 χ^2 /NDF: 1669036202.1
 Right In: 133776.470+/-0.194 χ^2 /NDF: 815233713.0/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 133776.470+/-0.194 χ^2 /NDF: 815233713.0/12
 Right Out: 134558.041+/-0.188 χ^2 /NDF: 845440569.1/15
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 134178.504+/-0.135 χ^2 /NDF: 1669036202.1

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 421.938 $\pm$ 0.137 χ^2 /NDF: 730426.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 438.846 $\pm$ 0.133 χ^2 /NDF: 747159.5/15

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

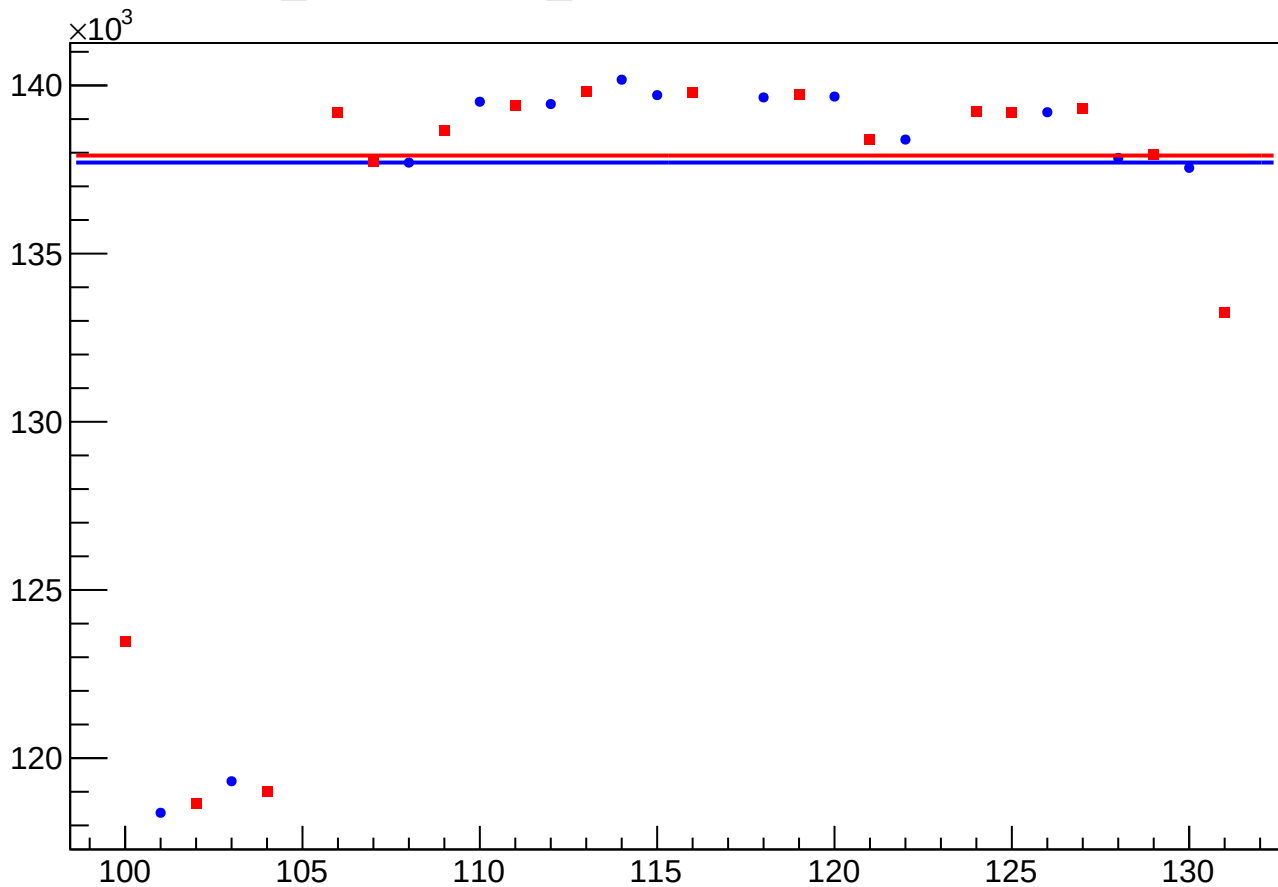
Right: 430.635 $\pm$ 0.096 χ^2 /NDF: 1485412.3/28

In: 421.938 $\pm$ 0.137 χ^2 /NDF:730426.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

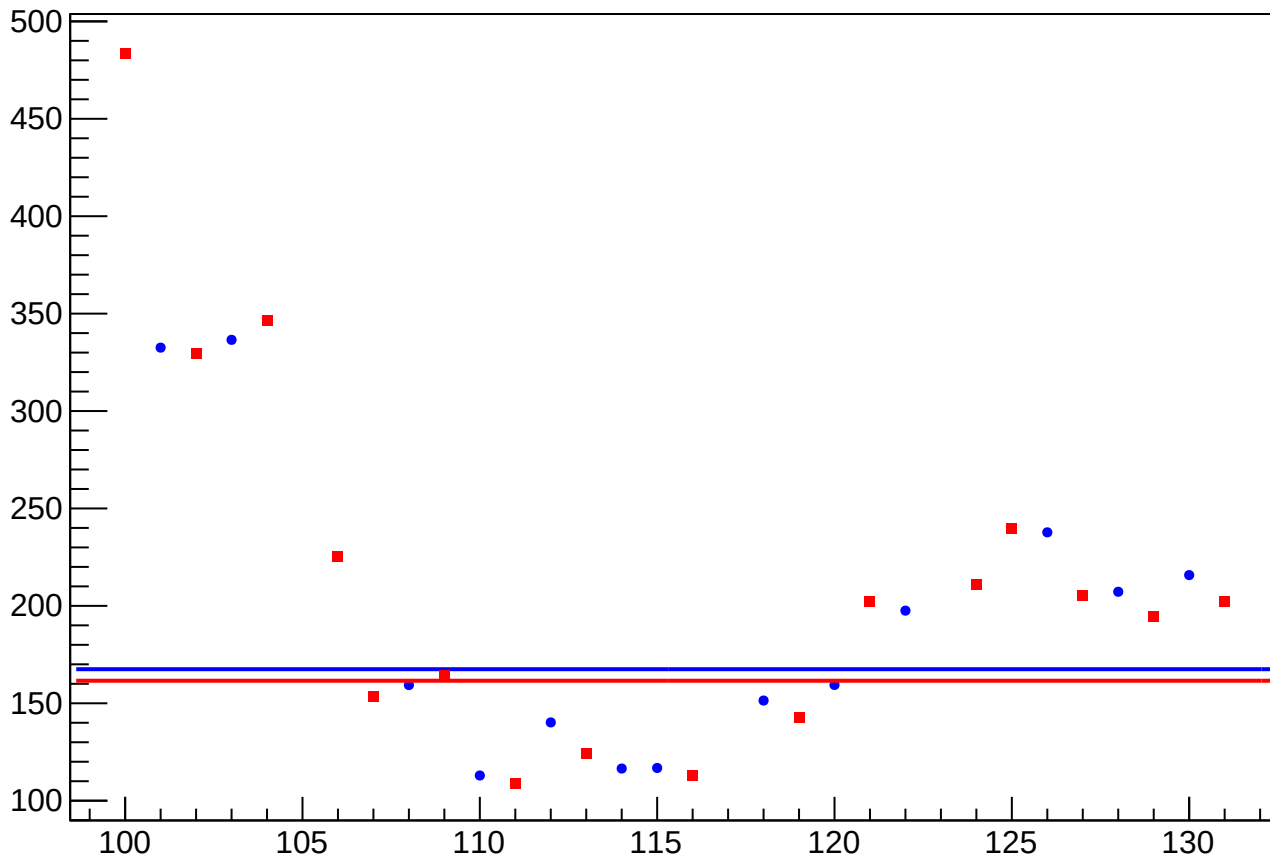
All: 430.635 $\pm$ 0.096 χ^2 /NDF: 1485412.3/28

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 137708.202+/-0.077 χ^2 /NDF: 4422778949.9/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 137823.048+/-0.052 χ^2 /NDF: 8854356532.4/15
 In: 137708.202+/-0.077 χ^2 /NDF: 4422778949.9/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 137823.048+/-0.052 χ^2 /NDF: 8854356532.4/15

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 167.492+/-0.055 χ^2/NDF : 1095158.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.579+/-0.049 χ^2/NDF : 1346528.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

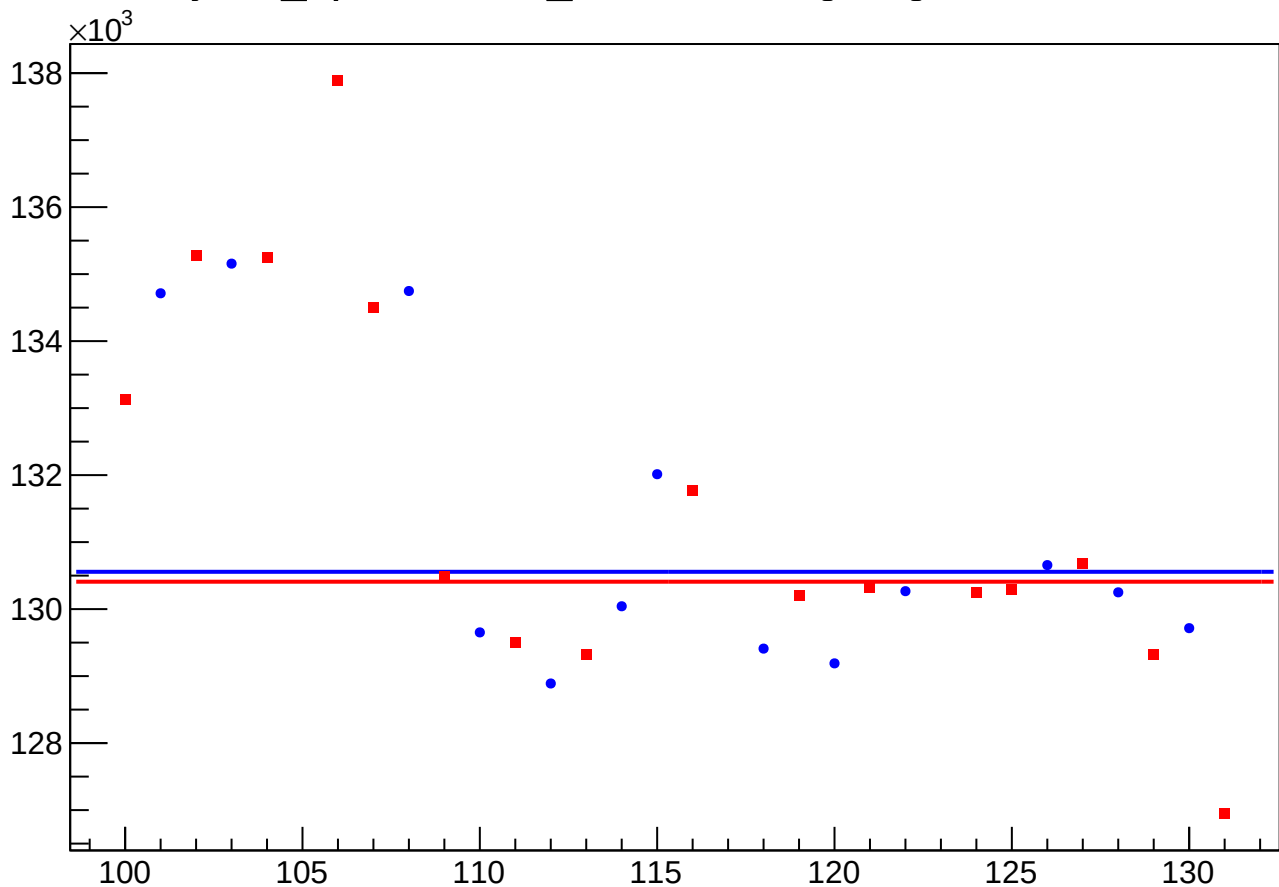
Right: 164.226+/-0.037 χ^2/NDF : 2448127.5/28

In: 167.492+/-0.055 χ^2/NDF : 1095158.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.226+/-0.037 χ^2/NDF : 2448127.5/28

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130556.930+/-0.078 χ^2 /NDF: 547899641.7/12

Right: 130471.436+/-0.051 χ^2 /NDF: 1443265277.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130408.972+/-0.067 χ^2 /NDF: 893288577.9/15

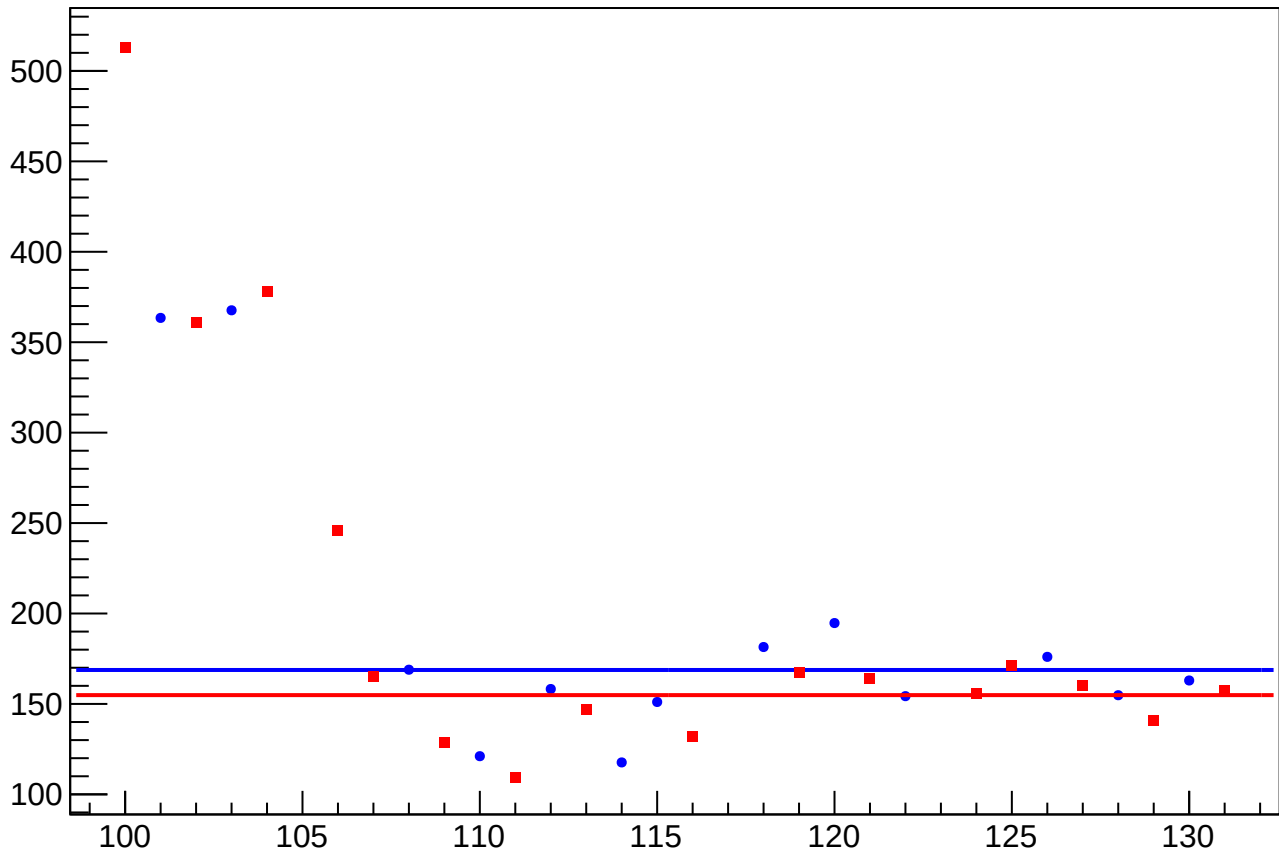
In: 130556.930+/-0.078 χ^2 /NDF: 547899641.7/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130471.436+/-0.051 χ^2 /NDF: 1443265277.7/15

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 168.771+/-0.055 χ^2/NDF : 914508.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.871+/-0.047 χ^2/NDF : 1158292.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

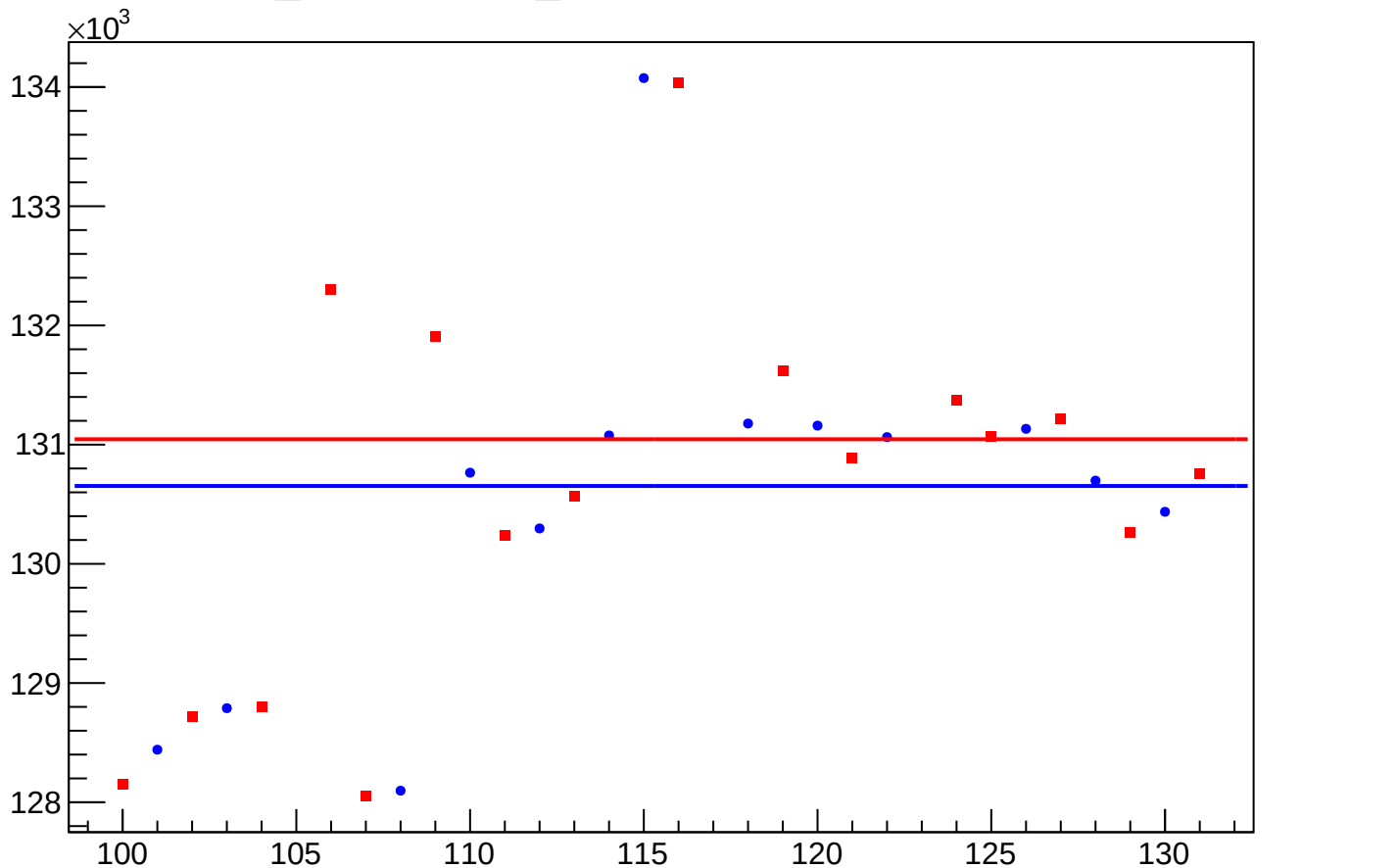
Right: 160.739+/-0.036 χ^2/NDF : 2109464.0/28

In: 168.771+/-0.055 χ^2/NDF : 914508.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

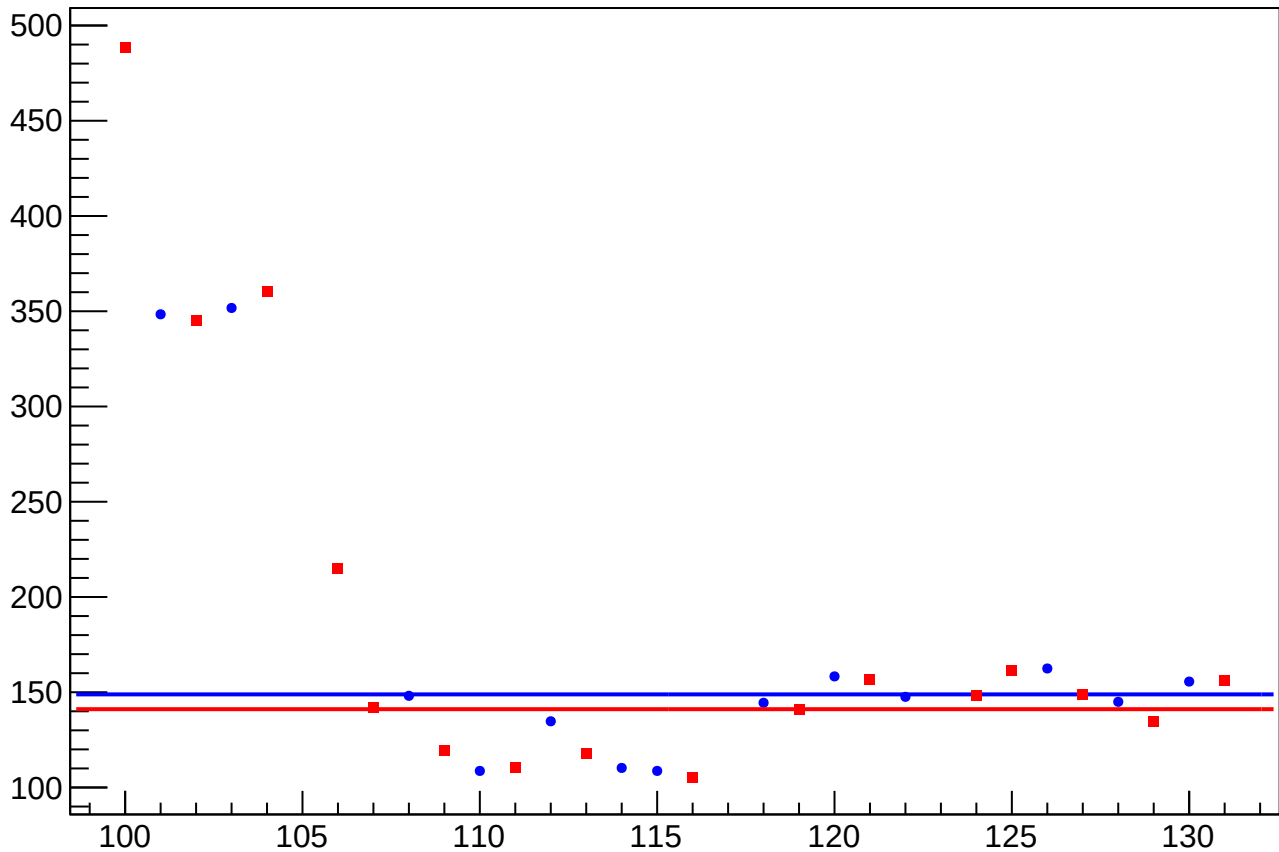
All: 160.739+/-0.036 χ^2/NDF : 2109464.0/28

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 130653.204 $\pm$ 0.068 χ^2 /NDF: 307899962.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 131045.137 $\pm$ 0.060 χ^2 /NDF: 449371419.9/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 130653.204 $\pm$ 0.068 χ^2 /NDF:307899962.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 130873.804 $\pm$ 0.045 χ^2 /NDF: 775770313.3/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 148.877+/-0.048 χ^2/NDF : 1010702.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.106+/-0.043 χ^2/NDF : 1195692.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

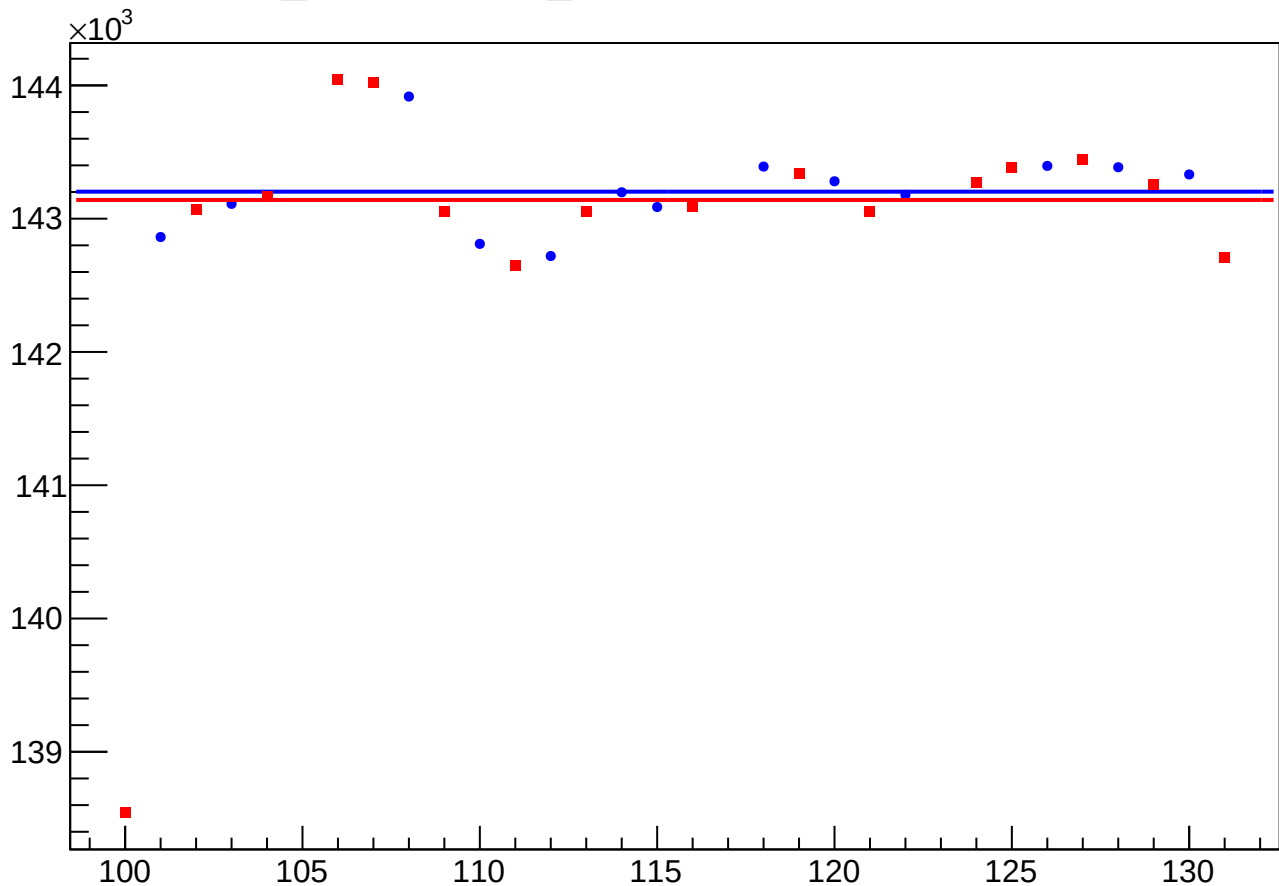
Right: 144.503+/-0.032 χ^2/NDF : 2220940.7/28

In: 148.877+/-0.048 χ^2/NDF : 1010702.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.503+/-0.032 χ^2/NDF : 2220940.7/28

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right In: 143202.713 $\pm$ 0.074 χ^2/NDF : 19251170.7/12

Right: 143167.495 $\pm$ 0.049 χ^2/NDF : 51210443.0/28

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

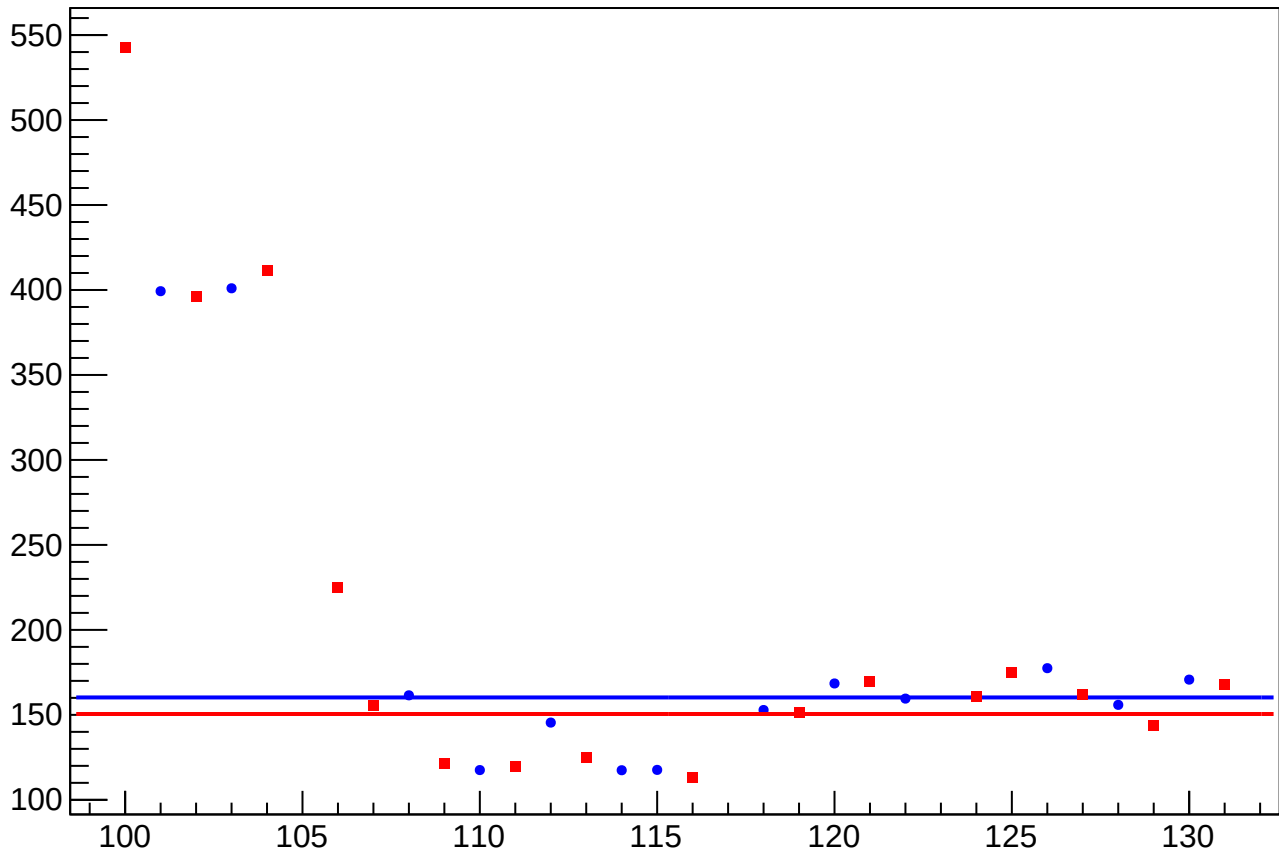
Right Out: 143140.569 $\pm$ 0.064 χ^2/NDF : 31556723.6/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 143167.495 $\pm$ 0.049 χ^2/NDF : 51210443.0/28

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 160.250+/-0.052 χ^2/NDF : 1088085.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.511+/-0.046 χ^2/NDF : 1296635.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

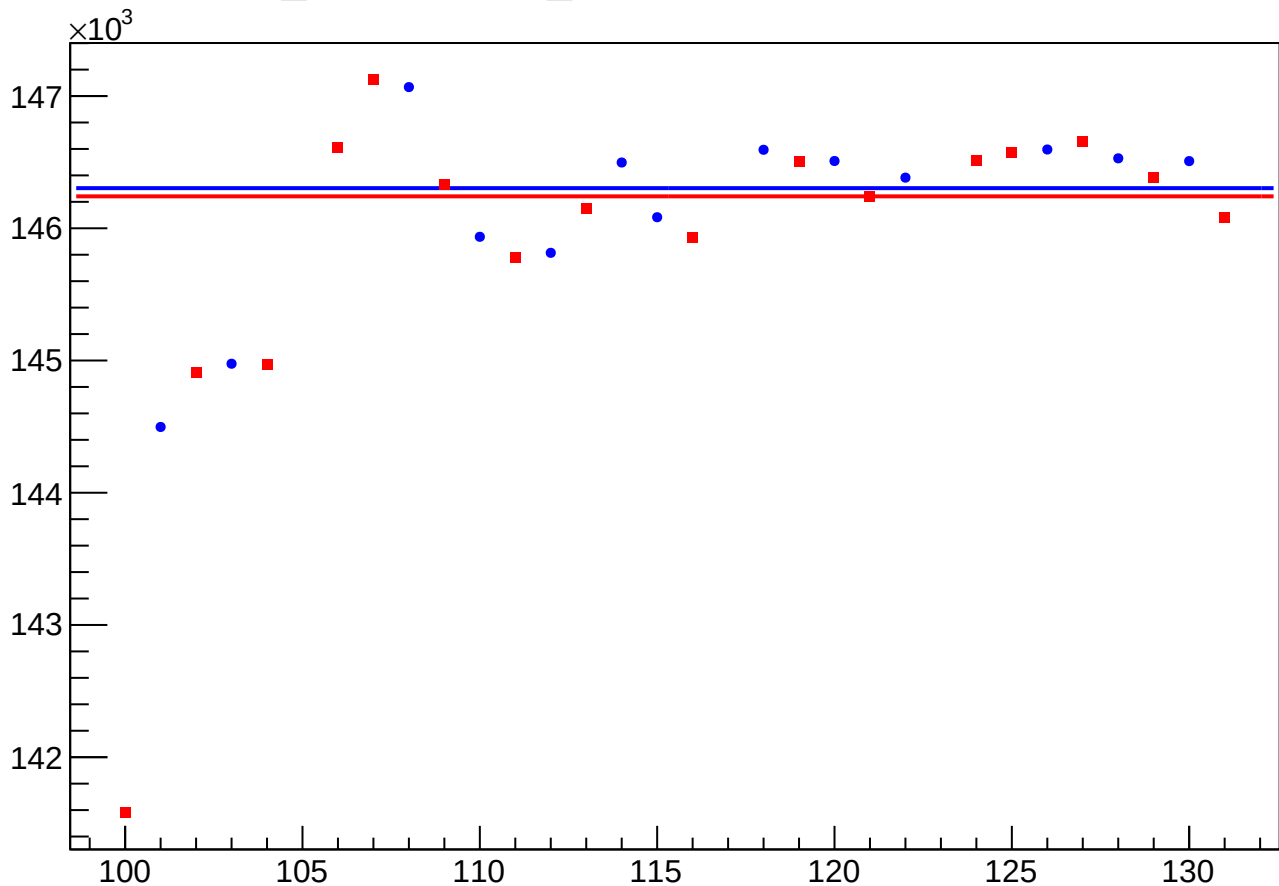
Right: 154.730+/-0.034 χ^2/NDF : 2404493.7/28

In: 160.250+/-0.052 χ^2/NDF : 1088085.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.730+/-0.034 χ^2/NDF : 2404493.7/28

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146303.487+/-0.076 χ^2 /NDF: 42416799.9/12

Right: 146268.420+/-0.050 χ^2 /NDF: 83933244.1/28

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

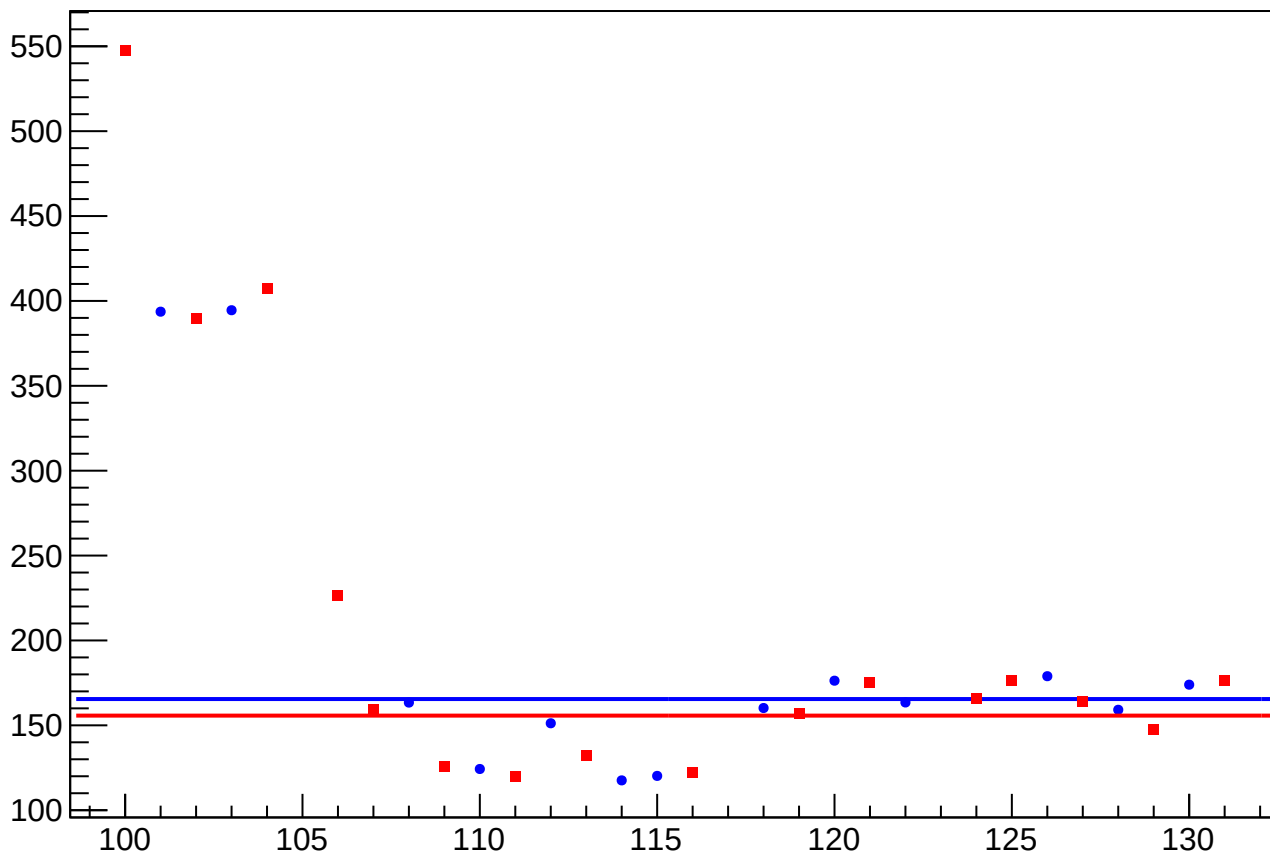
Right Out: 146241.535+/-0.066 χ^2 /NDF: 41139455.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146268.420+/-0.050 χ^2 /NDF: 83933244.1/28

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 165.482+/-0.054 χ^2/NDF : 1019040.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.721+/-0.047 χ^2/NDF : 1228653.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

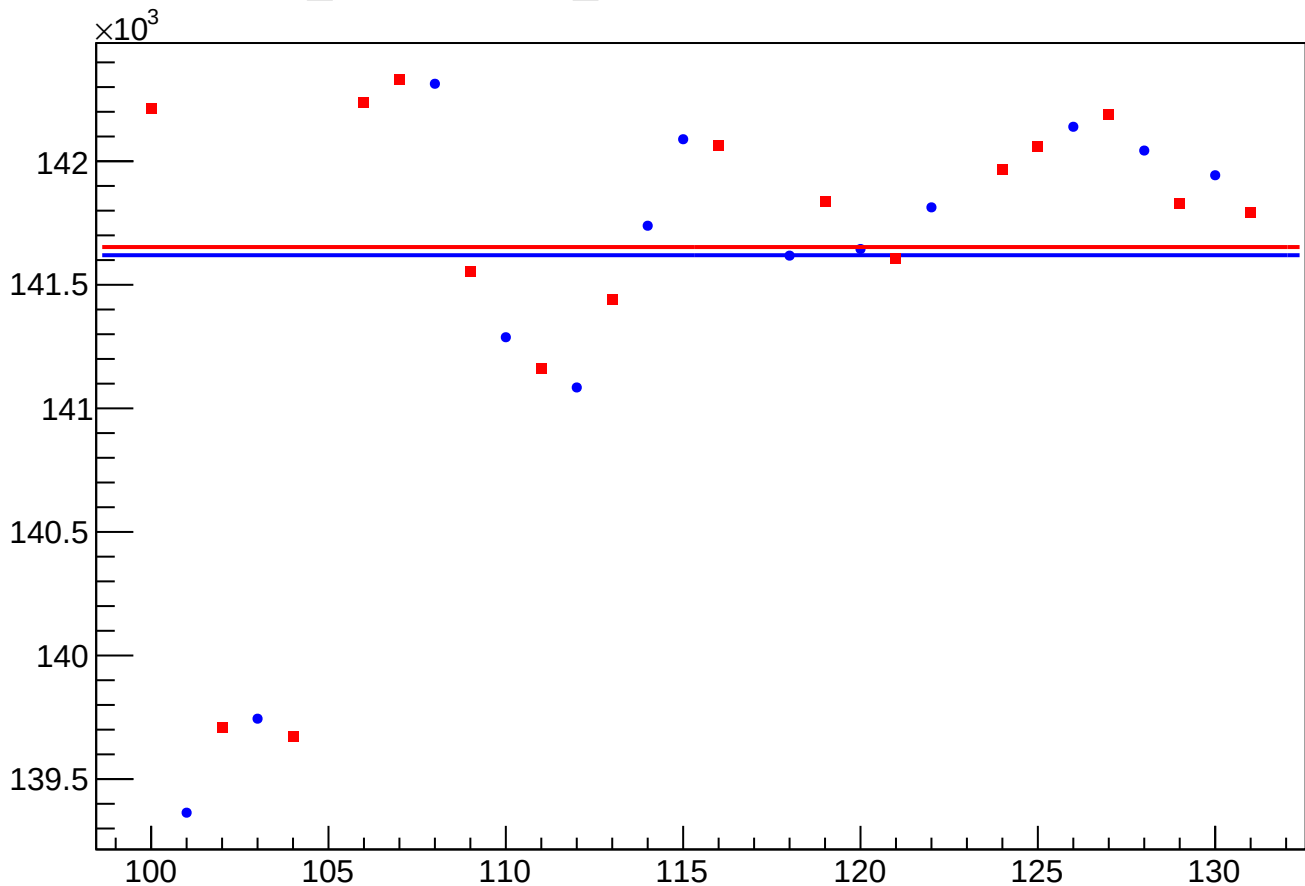
Right: 159.957+/-0.035 χ^2/NDF : 2266409.3/28

In: 165.482+/-0.054 χ^2/NDF : 1019040.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

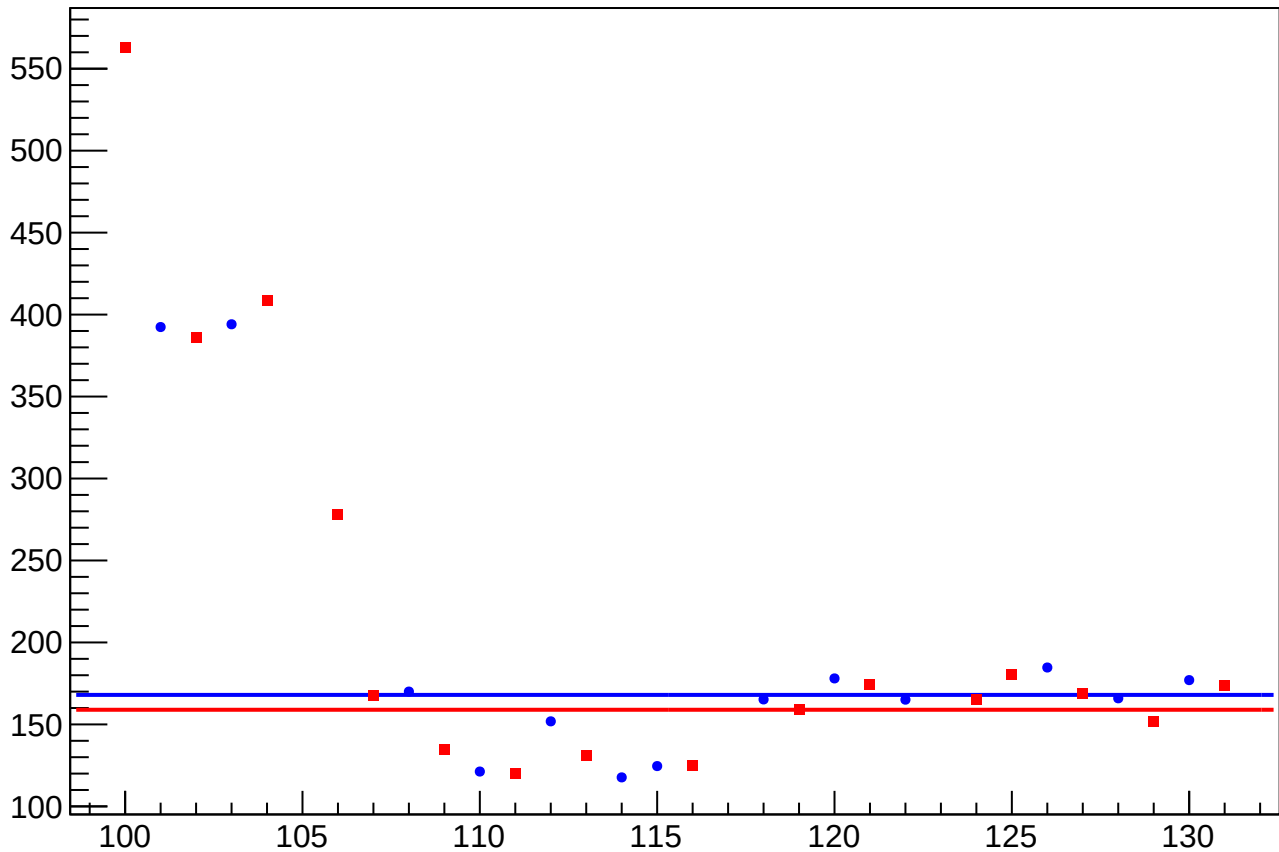
All: 159.957+/-0.035 χ^2/NDF : 2266409.3/28

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141619.703±0.077 χ^2/NDF : 60030194.0/12
 Left Out: 0.000±0.000 χ^2/NDF : 0.0/0
 Right Out: 141652.754±0.068 χ^2/NDF : 53453226.1/15
 Left In: 0.000±0.000 χ^2/NDF : 0.0/0
 All: 141638.332±0.051 χ^2/NDF : 113586819.9/2

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 168.003+/-0.055 χ^2/NDF : 1024016.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.937+/-0.048 χ^2/NDF : 1243153.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

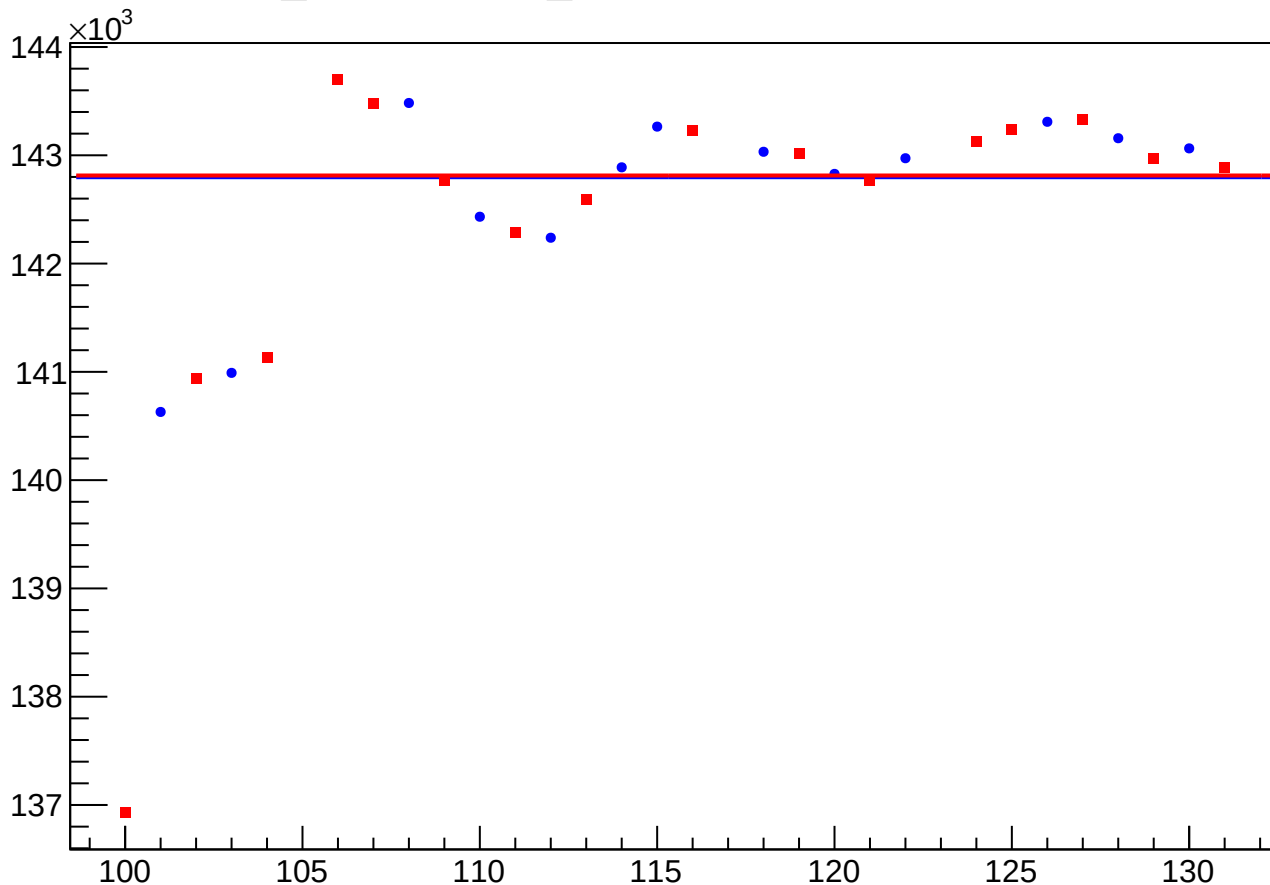
Right: 162.893+/-0.036 χ^2/NDF : 2282728.8/28

In: 168.003+/-0.055 χ^2/NDF : 1024016.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.893+/-0.036 χ^2/NDF : 2282728.8/28

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142797.694+/-0.078 χ^2 /NDF: 57033915.9/12

Right: 142806.642+/-0.051 χ^2 /NDF: 117334874.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

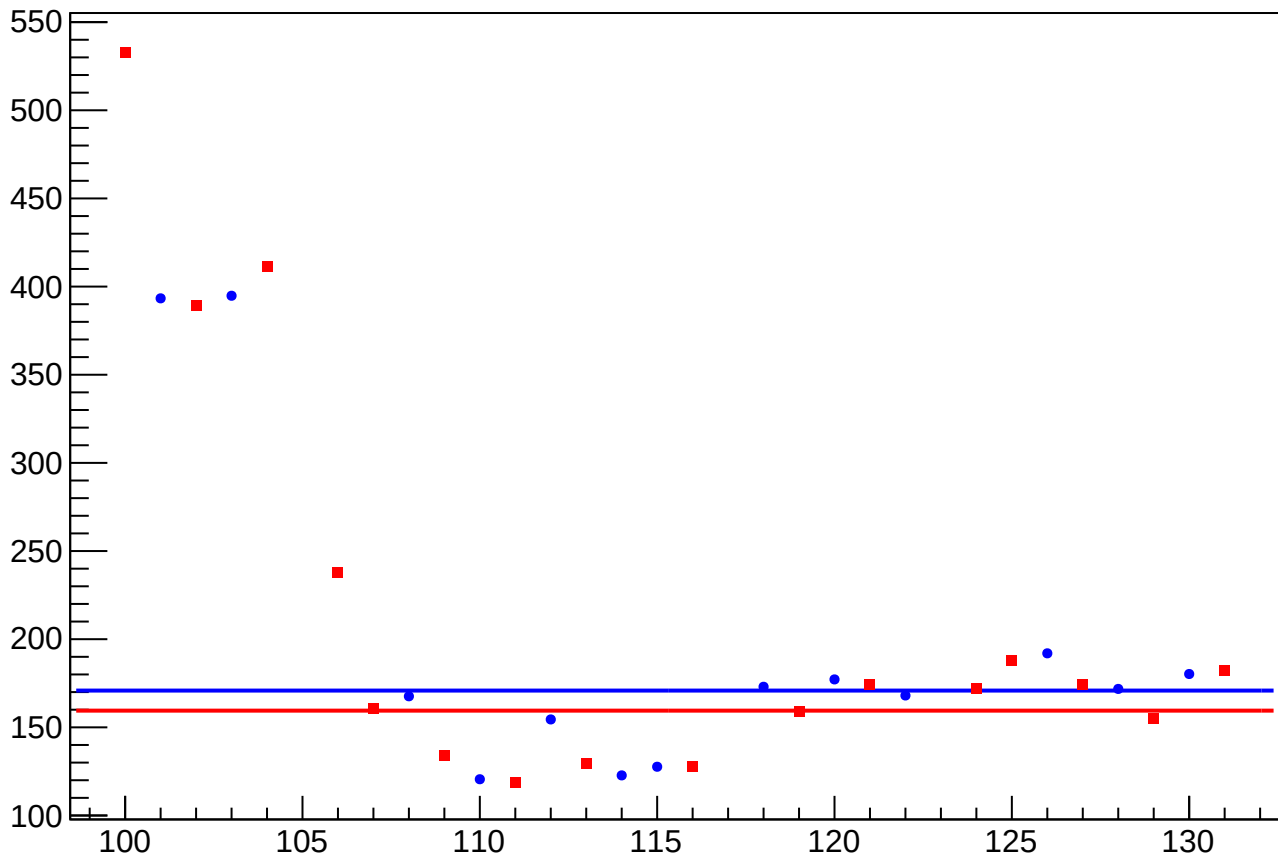
Right Out: 142813.410+/-0.068 χ^2 /NDF: 60278080.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142806.642+/-0.051 χ^2 /NDF: 117334874

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 170.855+/-0.055 χ^2/NDF : 1018061.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.477+/-0.048 χ^2/NDF : 1224173.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

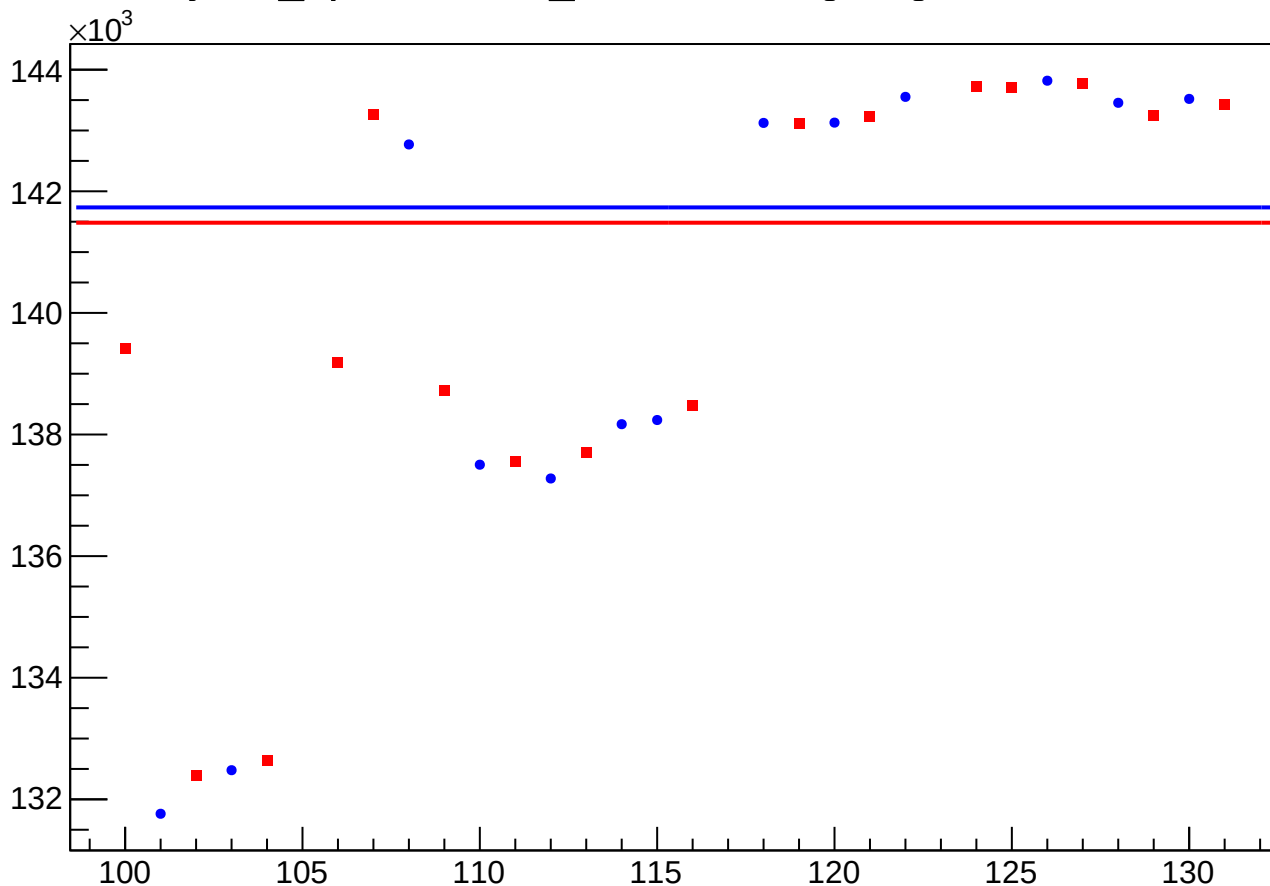
Right: 164.377+/-0.036 χ^2/NDF : 2266218.3/28

In: 170.855+/-0.055 χ^2/NDF : 1018061.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.377+/-0.036 χ^2/NDF : 2266218.3/28

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141734.987+/-0.113 χ^2 /NDF: 866152906.1/12

Right: 141604.163+/-0.078 χ^2 /NDF: 1711779980.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

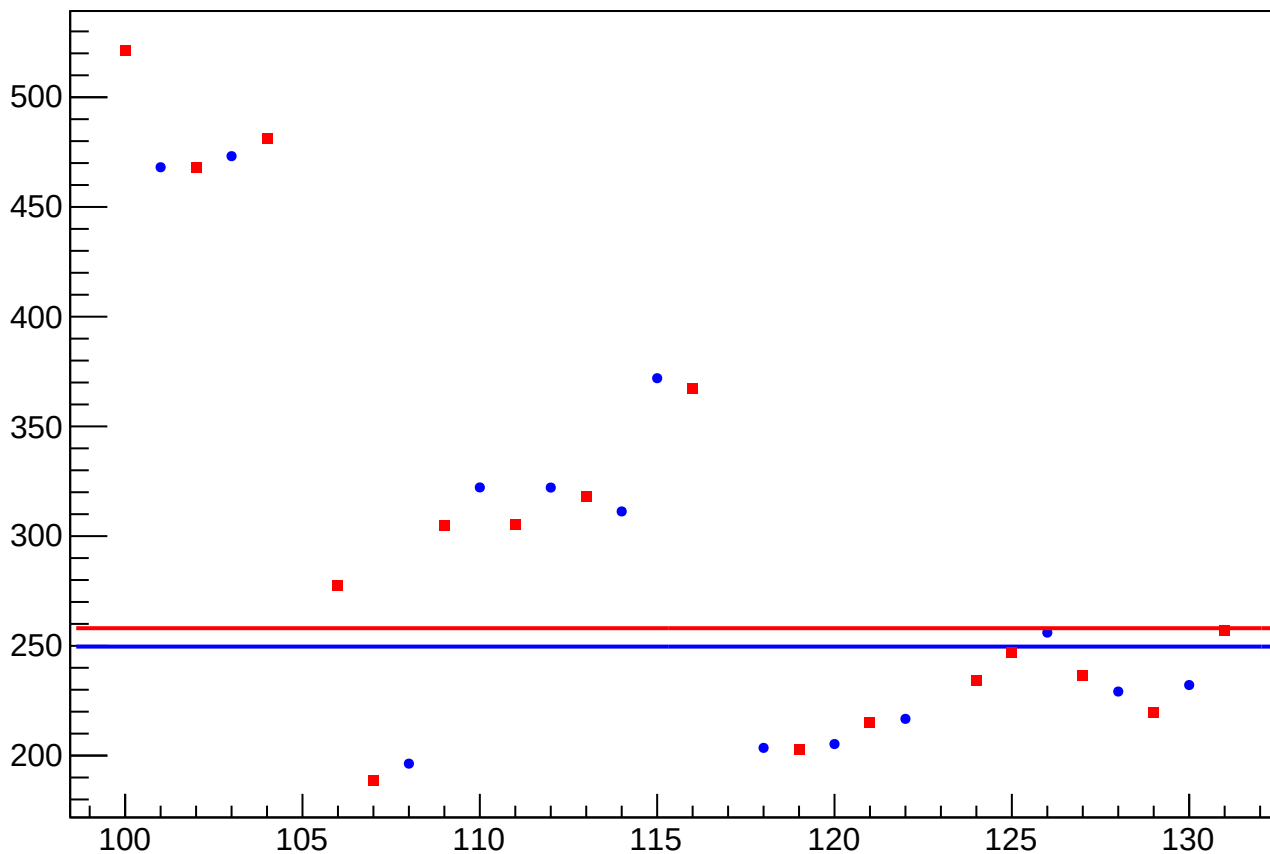
Right Out: 141483.226+/-0.109 χ^2 /NDF: 843046344.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141604.163+/-0.078 χ^2 /NDF: 1711779980.8/15

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 249.661+/-0.080 χ^2/NDF : 850433.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 258.041+/-0.077 χ^2/NDF : 850503.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

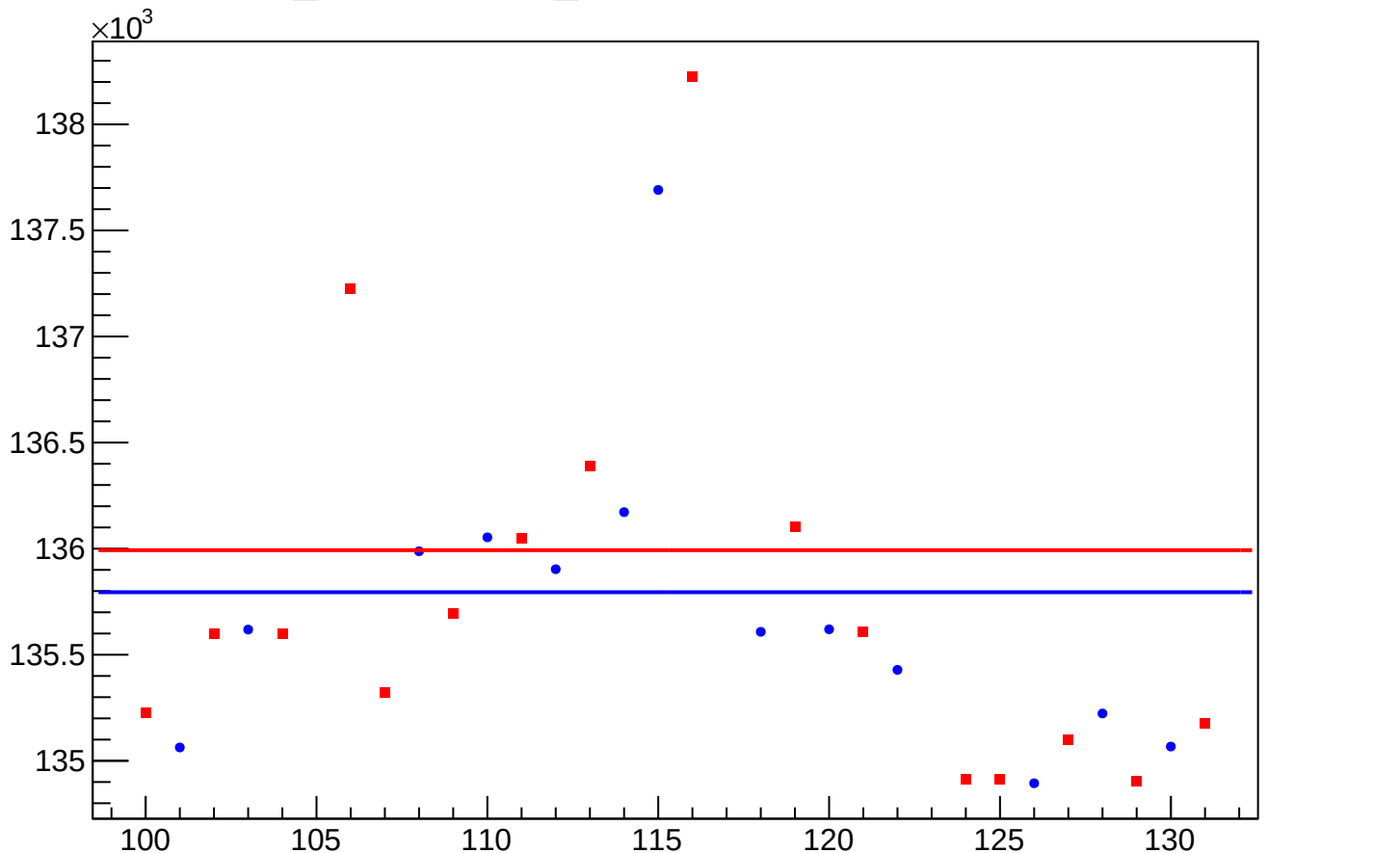
Right: 254.015+/-0.055 χ^2/NDF : 1706656.2/28

In: 249.661+/-0.080 χ^2/NDF :850433.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

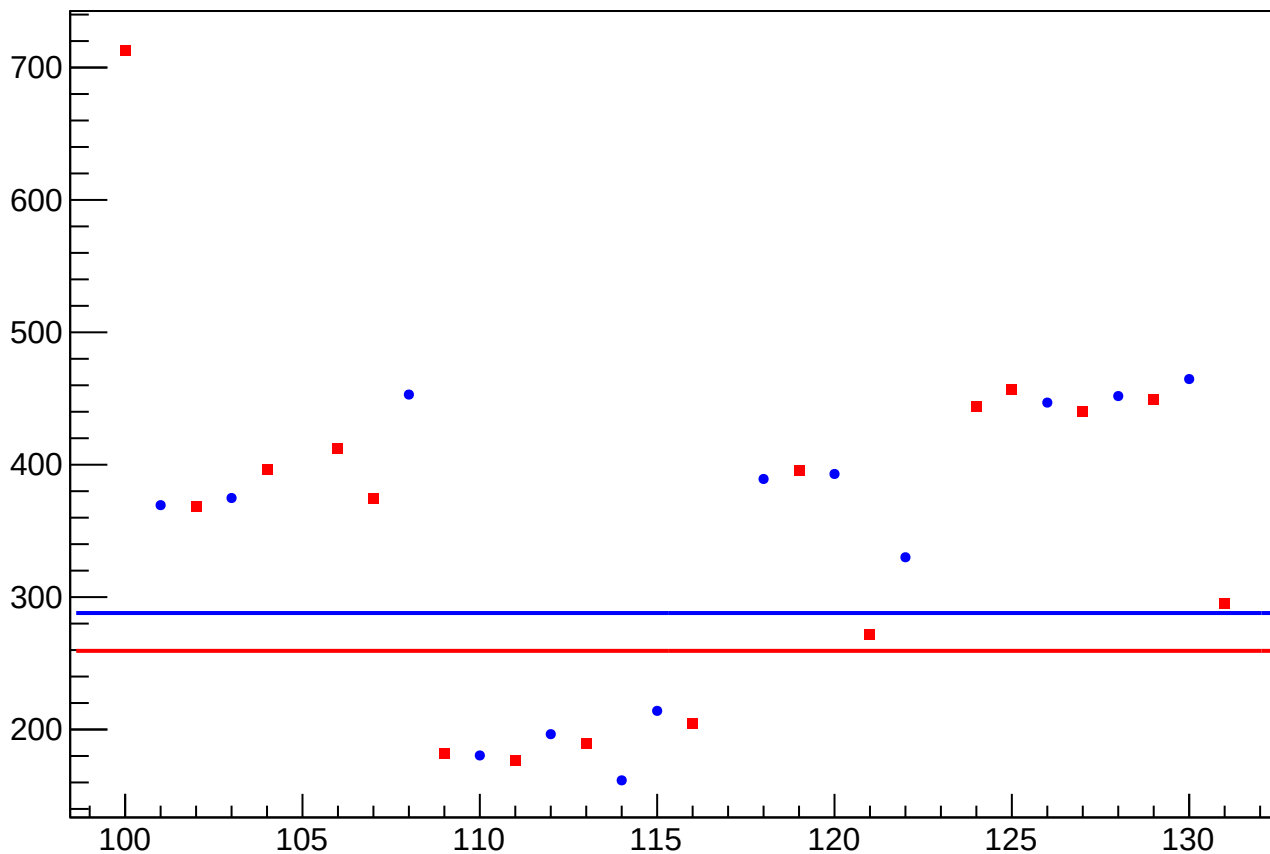
All: 254.015+/-0.055 χ^2/NDF : 1706656.2/28

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135794.690 $\pm$ 0.133 χ^2 /NDF: 19077051.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135992.881 $\pm$ 0.113 χ^2 /NDF: 47951228.4/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135909.997 $\pm$ 0.086 χ^2 /NDF: 68313864.8/28
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135909.997 $\pm$ 0.086 χ^2 /NDF: 68313864.8/28
 In: 135794.690 $\pm$ 0.133 χ^2 /NDF:19077051.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 287.969+/-0.094 χ^2/NDF : 1348278.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 259.403+/-0.080 χ^2/NDF : 1564043.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

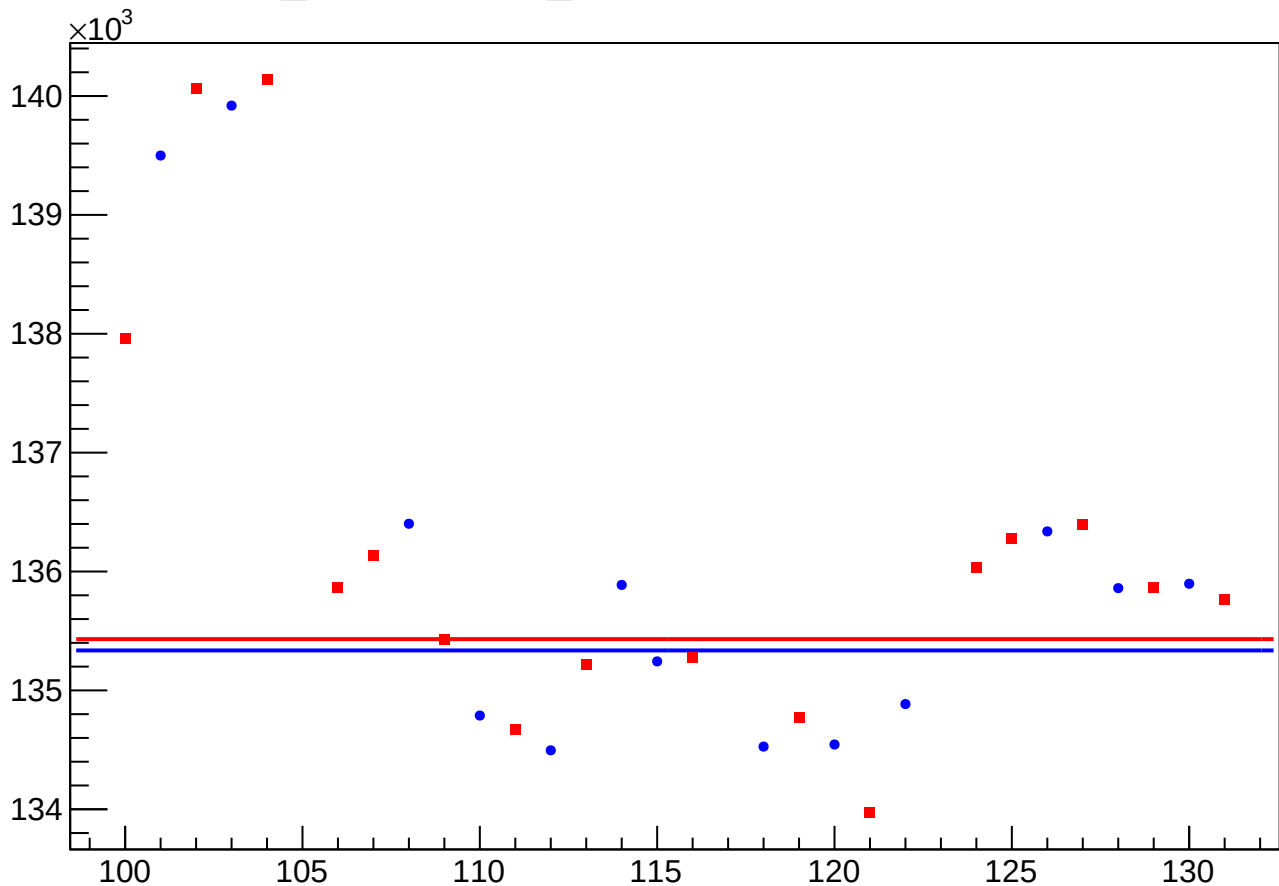
Right: 271.350+/-0.061 χ^2/NDF : 2965735.9/28

In: 287.969+/-0.094 χ^2/NDF :1348278.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

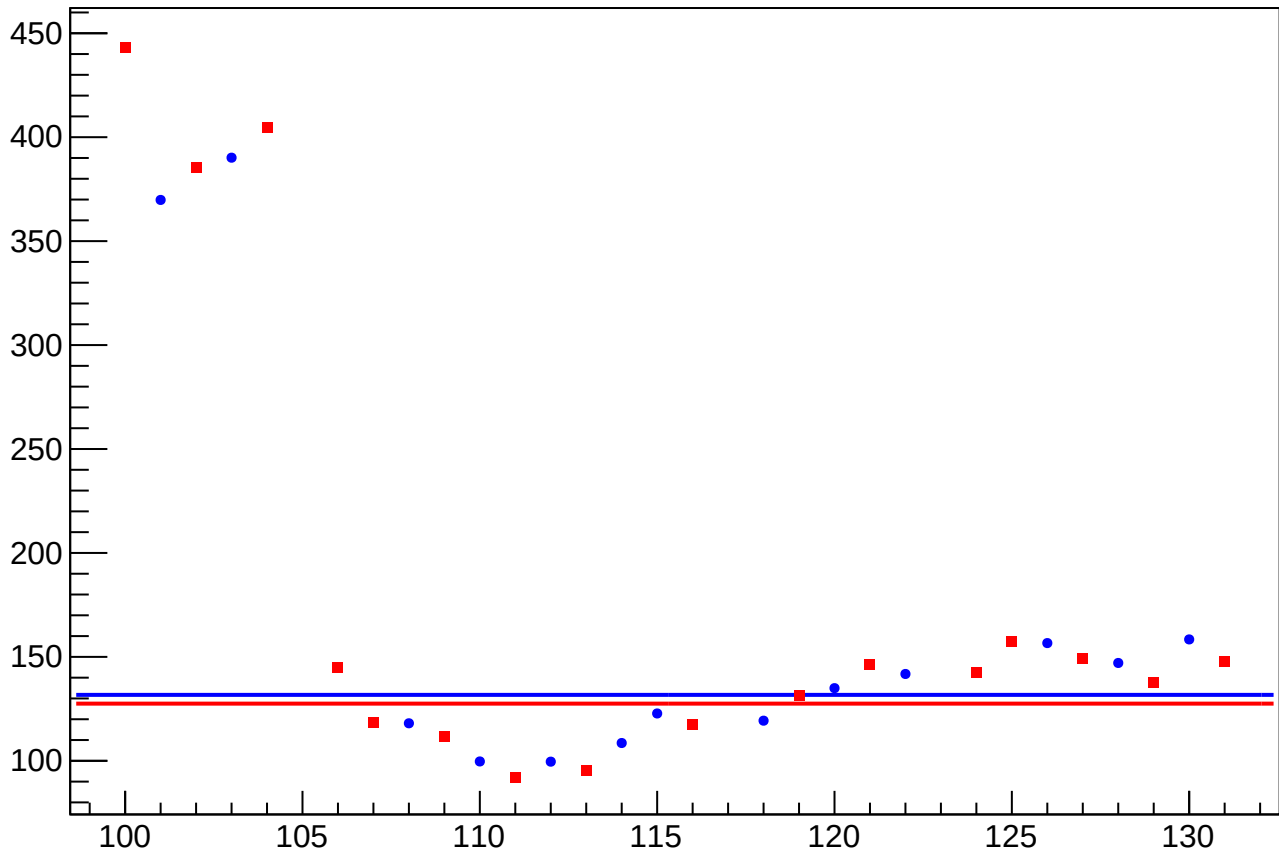
All: 271.350+/-0.061 χ^2/NDF : 2965735.9/28

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135336.078 $\pm$ 0.061 χ^2 /NDF: 309255150.9/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135431.163 $\pm$ 0.055 χ^2 /NDF: 301814612.2/15
 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: 135388.476 $\pm$ 0.041 χ^2 /NDF: 612388110.7/2
 In: 135336.078 $\pm$ 0.061 χ^2 /NDF:309255150.9/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135388.476 $\pm$ 0.041 χ^2 /NDF: 612388110.7/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 131.724+/-0.043 χ^2/NDF : 1329675.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.512+/-0.039 χ^2/NDF : 1480212.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

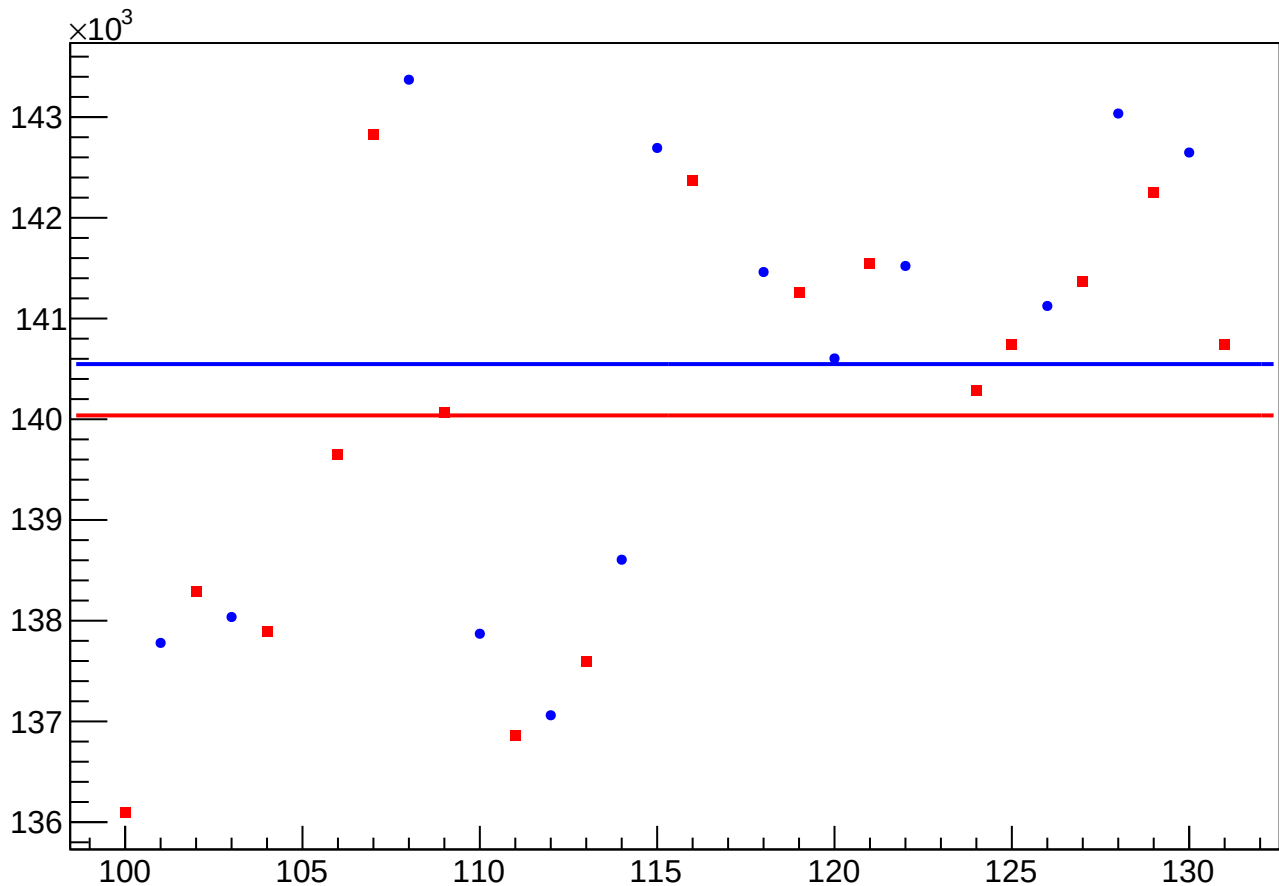
Right: 129.403+/-0.029 χ^2/NDF : 2815062.8/28

In: 131.724+/-0.043 χ^2/NDF : 1329675.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.403+/-0.029 χ^2/NDF : 2815062.8/28

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140547.689+/-0.071 χ^2 /NDF: 962987824.8/12

Right: 140266.266+/-0.047 χ^2 /NDF: 1930819636.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

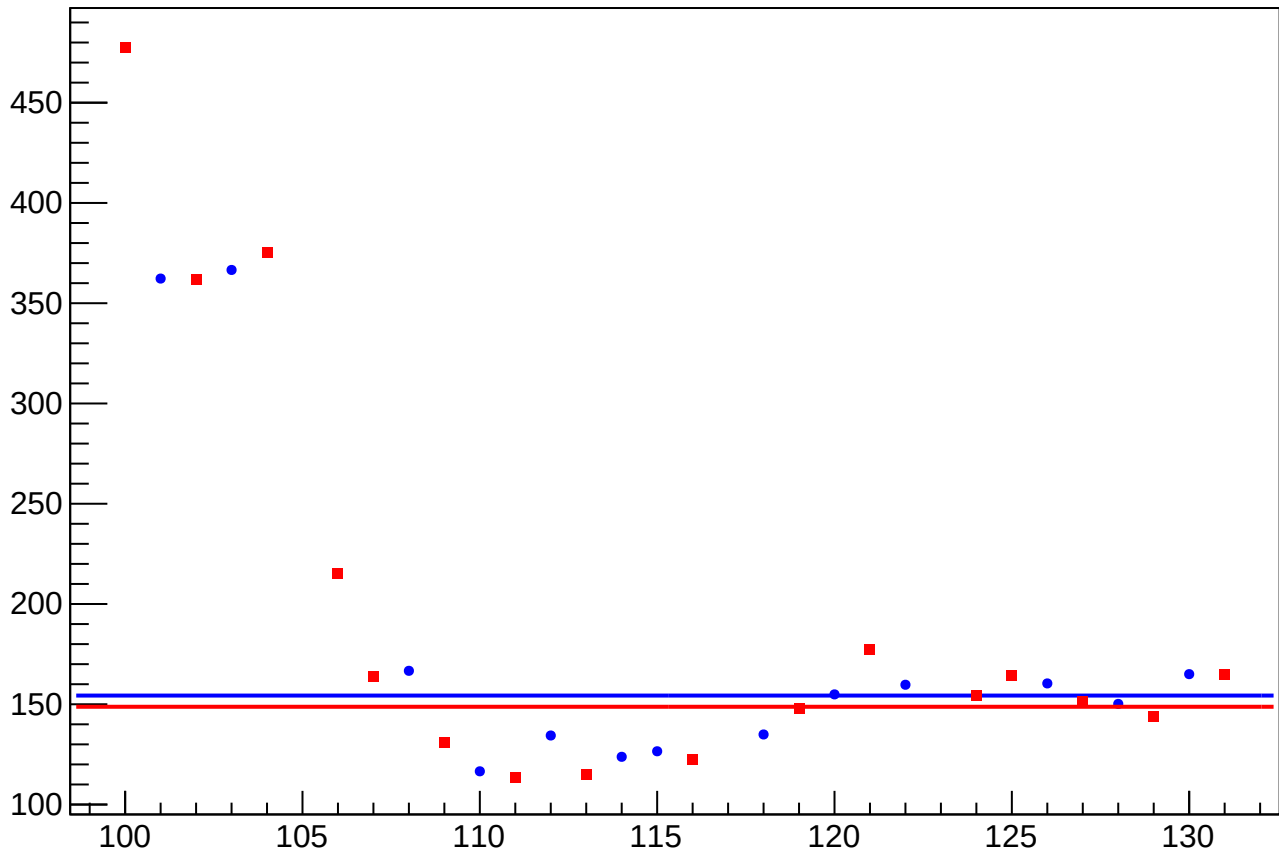
Right Out: 140037.947+/-0.064 χ^2 /NDF: 939217892.1/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140266.266+/-0.047 χ^2 /NDF: 1930819636.8/15

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 154.340+/-0.050 χ^2/NDF : 988329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.754+/-0.045 χ^2/NDF : 1181362.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

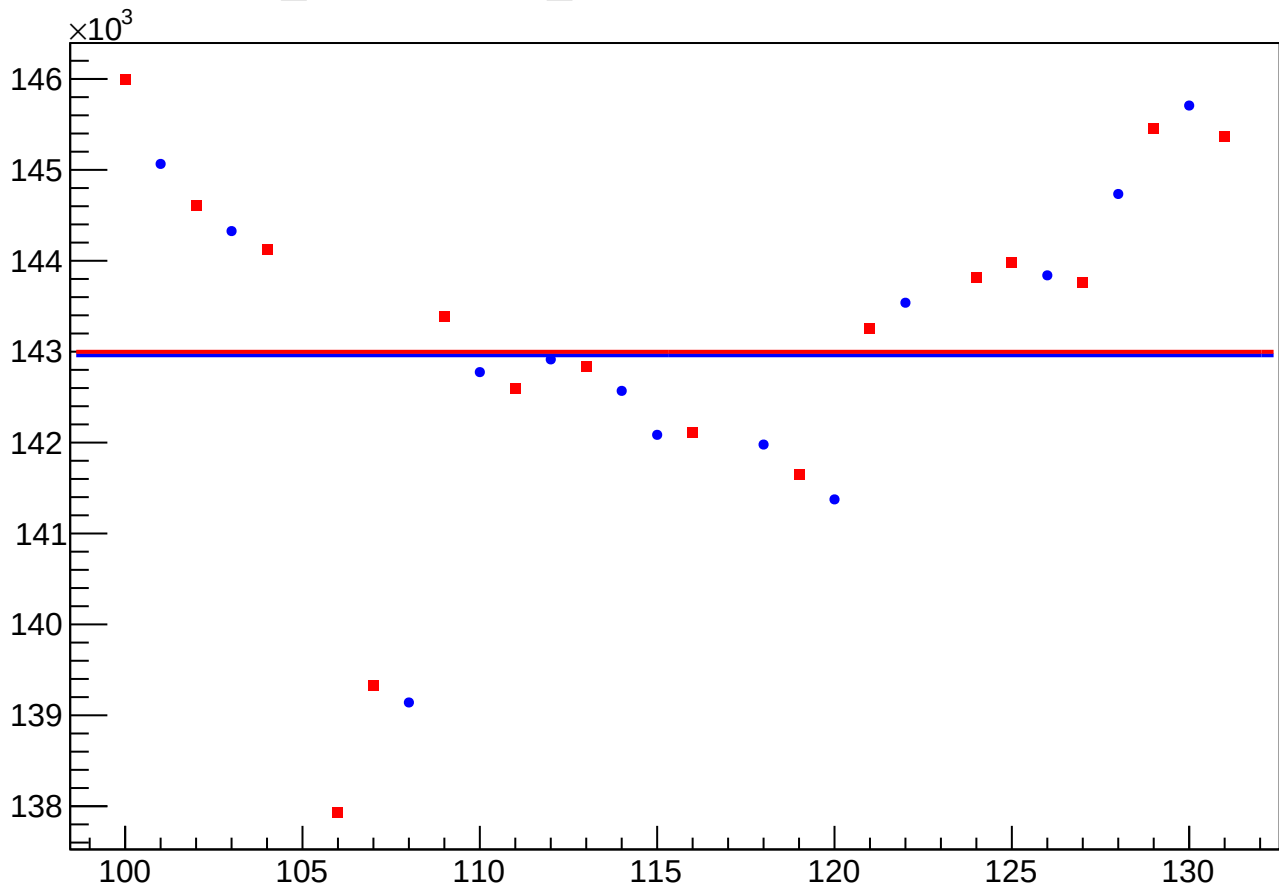
Right: 151.256+/-0.034 χ^2/NDF : 2176564.6/28

In: 154.340+/-0.050 χ^2/NDF : 988329.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.256+/-0.034 χ^2/NDF : 2176564.6/28

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142960.677+/-0.075 χ^2 /NDF: 560518527.0/12

Right: 142982.220+/-0.050 χ^2 /NDF: 1183513186.1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

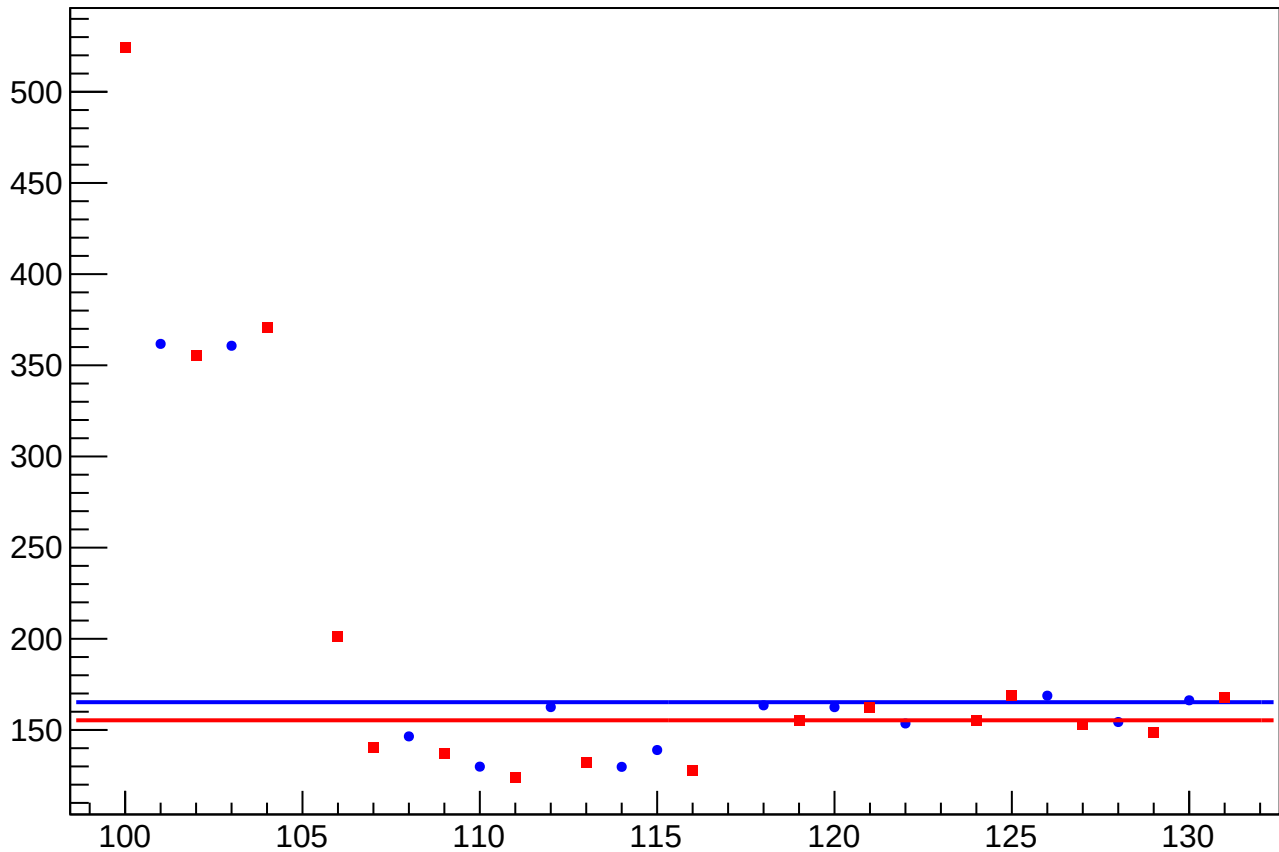
Right Out: 142998.796+/-0.066 χ^2 /NDF: 622850023.8/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142982.220+/-0.050 χ^2 /NDF: 118351318

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 165.235+/-0.053 χ^2/NDF : 840179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.299+/-0.047 χ^2/NDF : 995914.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

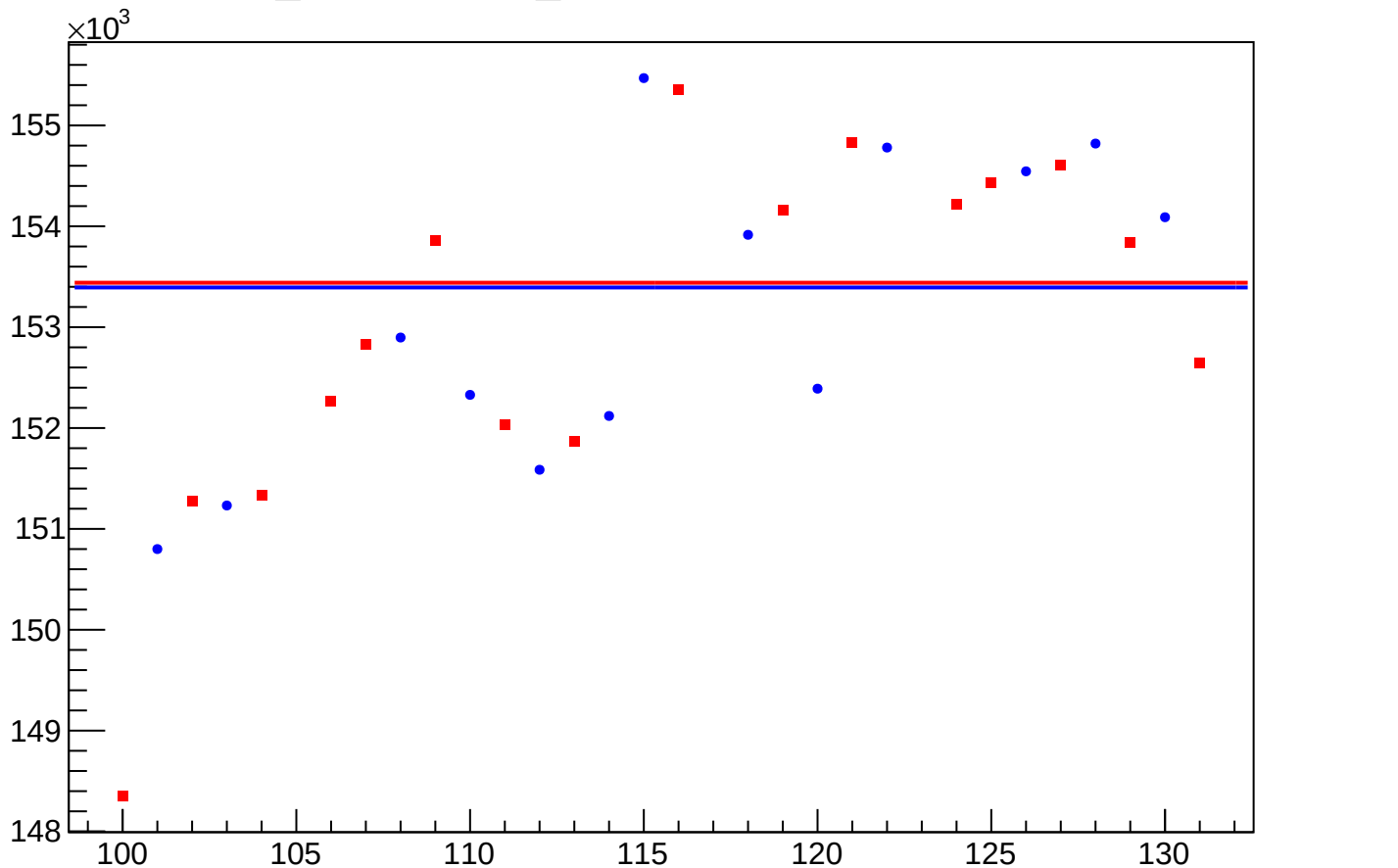
Right: 159.620+/-0.035 χ^2/NDF : 1855746.8/28

In: 165.235+/-0.053 χ^2/NDF : 840179.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

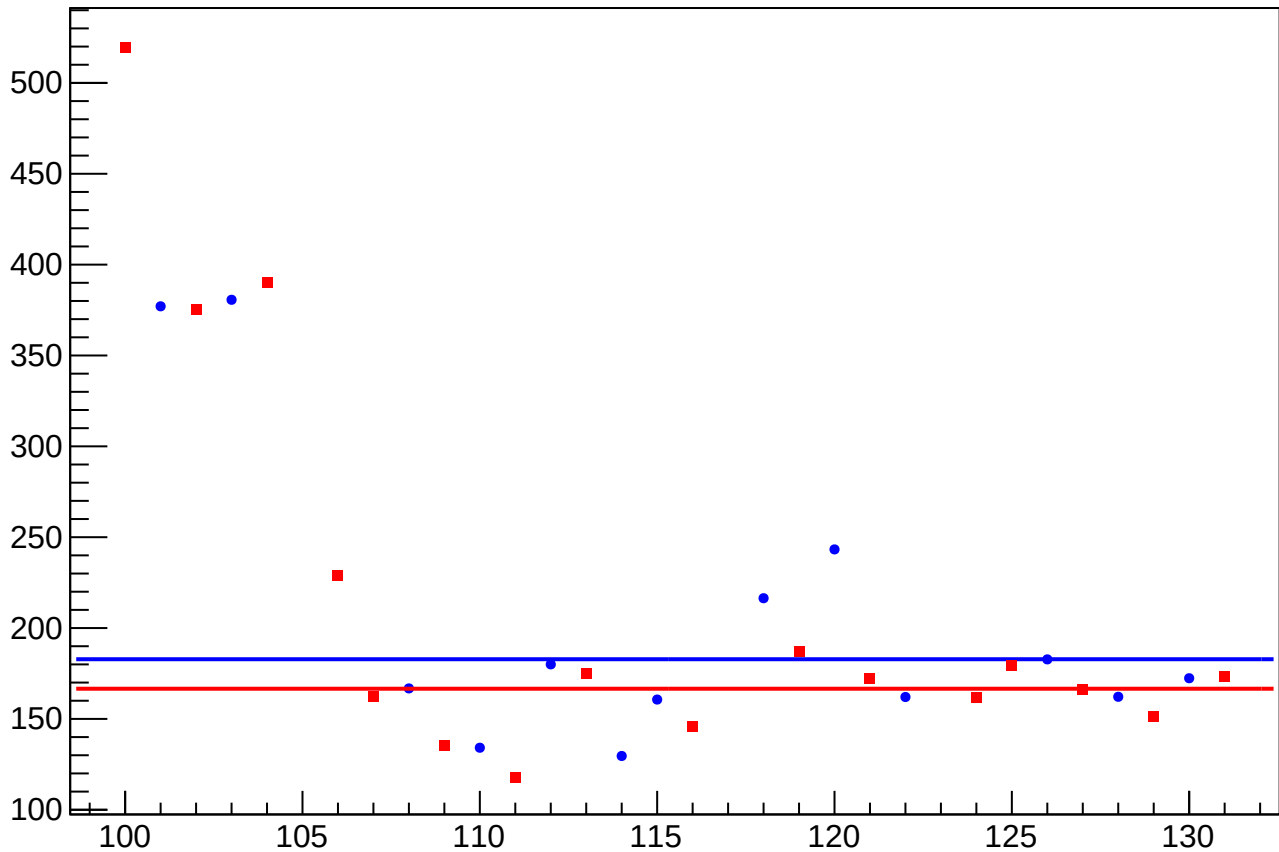
All: 159.620+/-0.035 χ^2/NDF : 1855746.8/28

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 153420.842 $\pm$ 0.055 χ^2 /NDF: 499342037.2/2
 In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12
 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: 153420.842 $\pm$ 0.055 χ^2 /NDF: 499342037.2/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.613+/-0.051 χ^2/NDF : 1075753.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

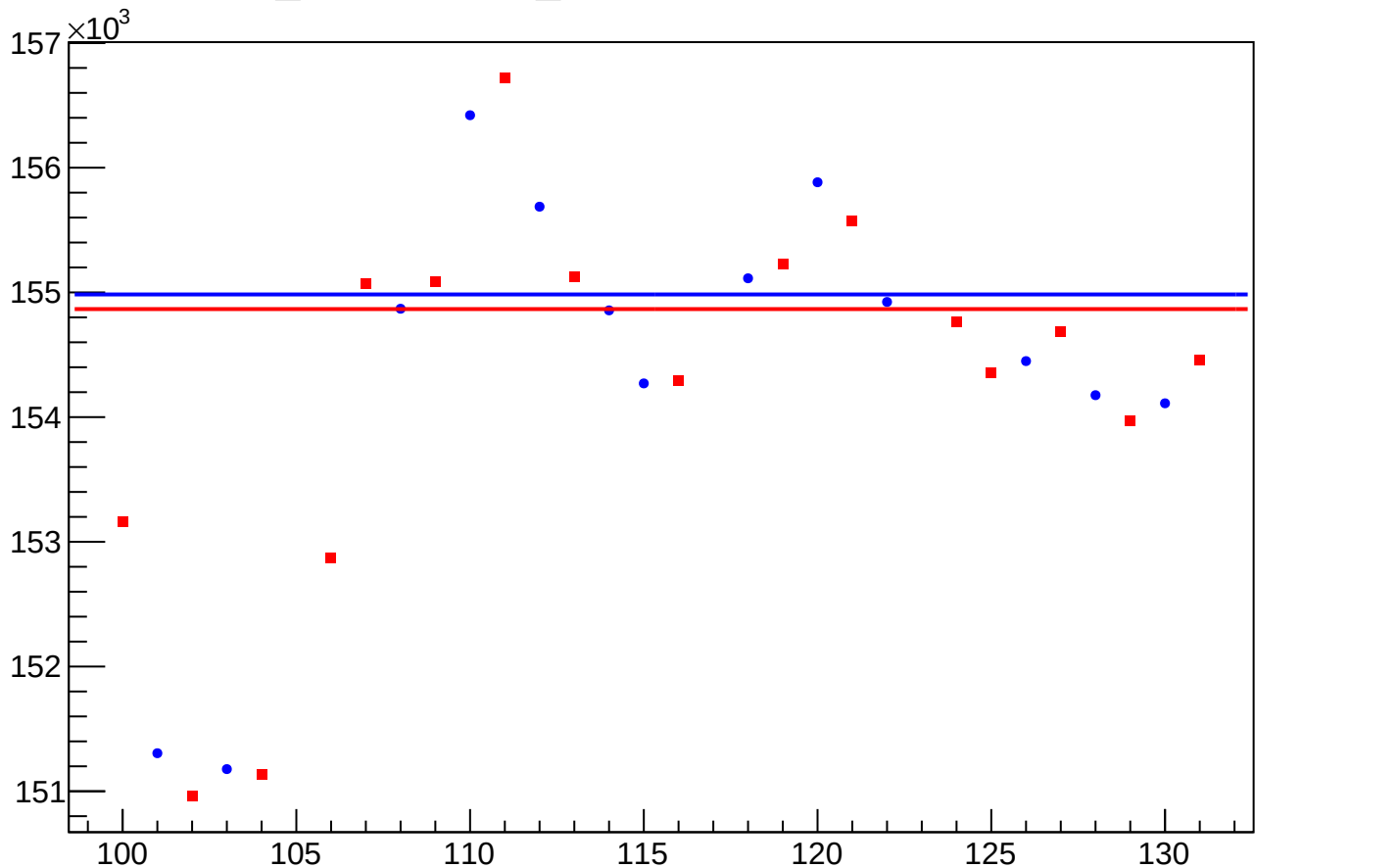
Right: 173.383+/-0.039 χ^2/NDF : 2014657.8/28

In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

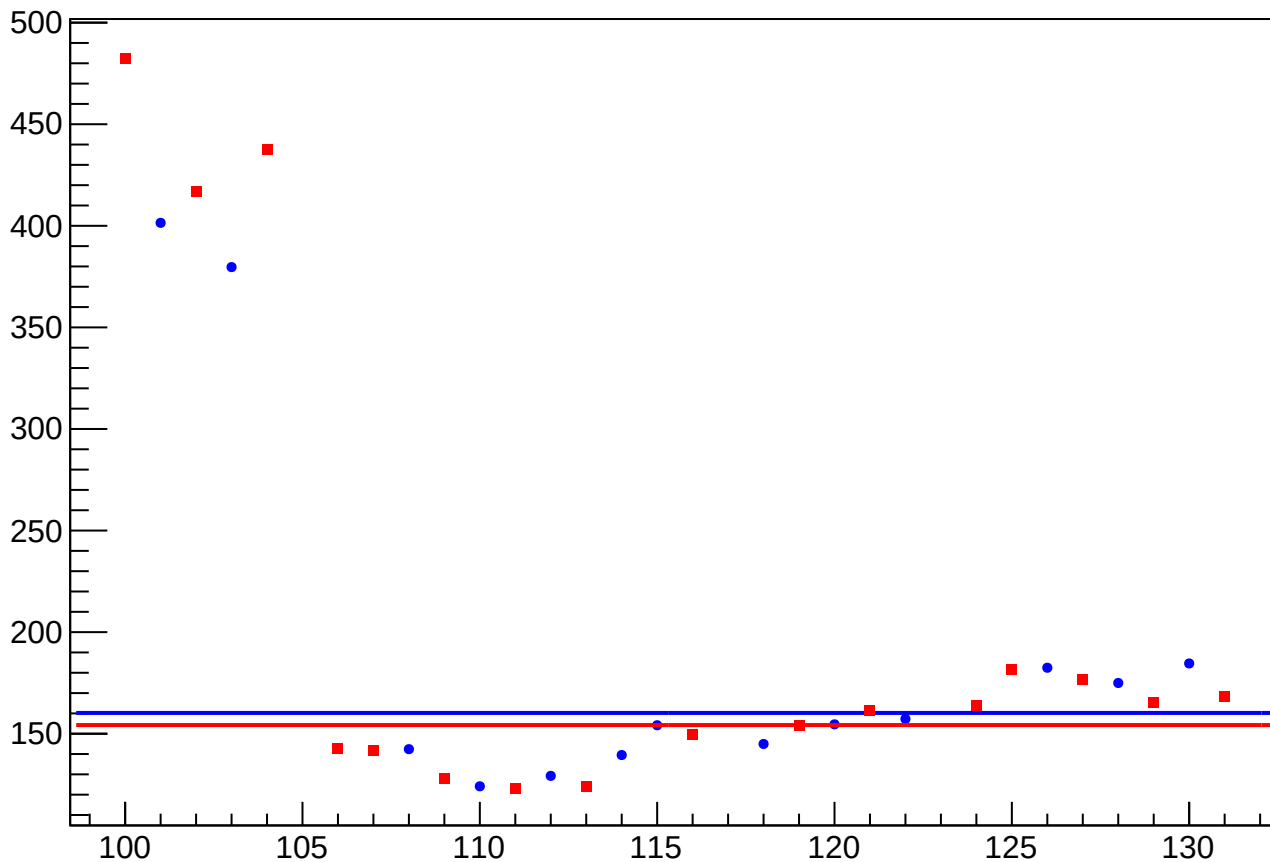
All: 173.383+/-0.039 χ^2/NDF : 2014657.8/28

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 154983.661+/-0.073 χ^2 /NDF: 213205922.1/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 154918.242+/-0.049 χ^2 /NDF: 506713849.9/2
 In: 154983.661+/-0.073 χ^2 /NDF: 213205922.1/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 154918.242+/-0.049 χ^2 /NDF: 506713849.9/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 160.232+/-0.052 χ^2/NDF : 1029429.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.256+/-0.046 χ^2/NDF : 1216633.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

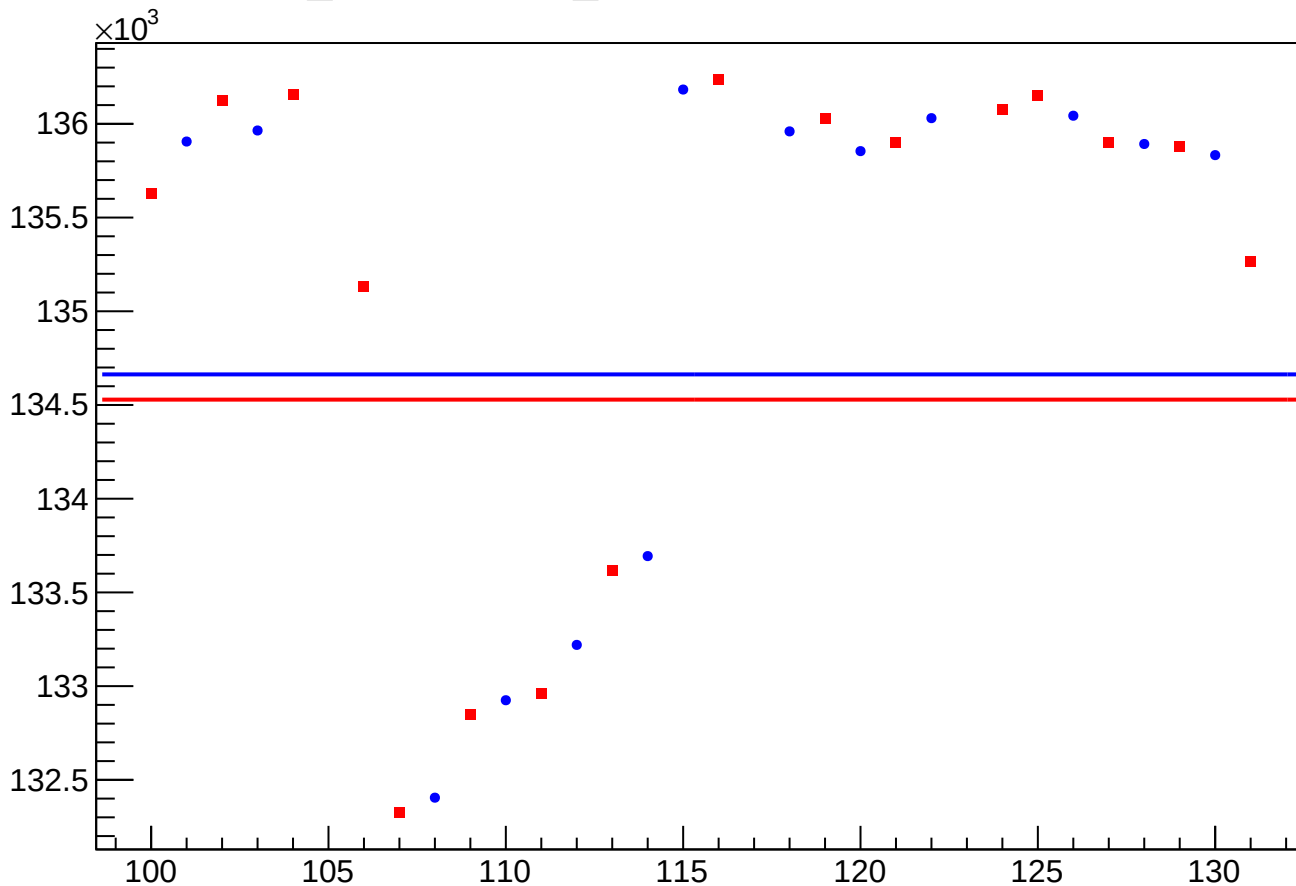
Right: 156.900+/-0.035 χ^2/NDF : 2253450.9/28

In: 160.232+/-0.052 χ^2/NDF : 1029429.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

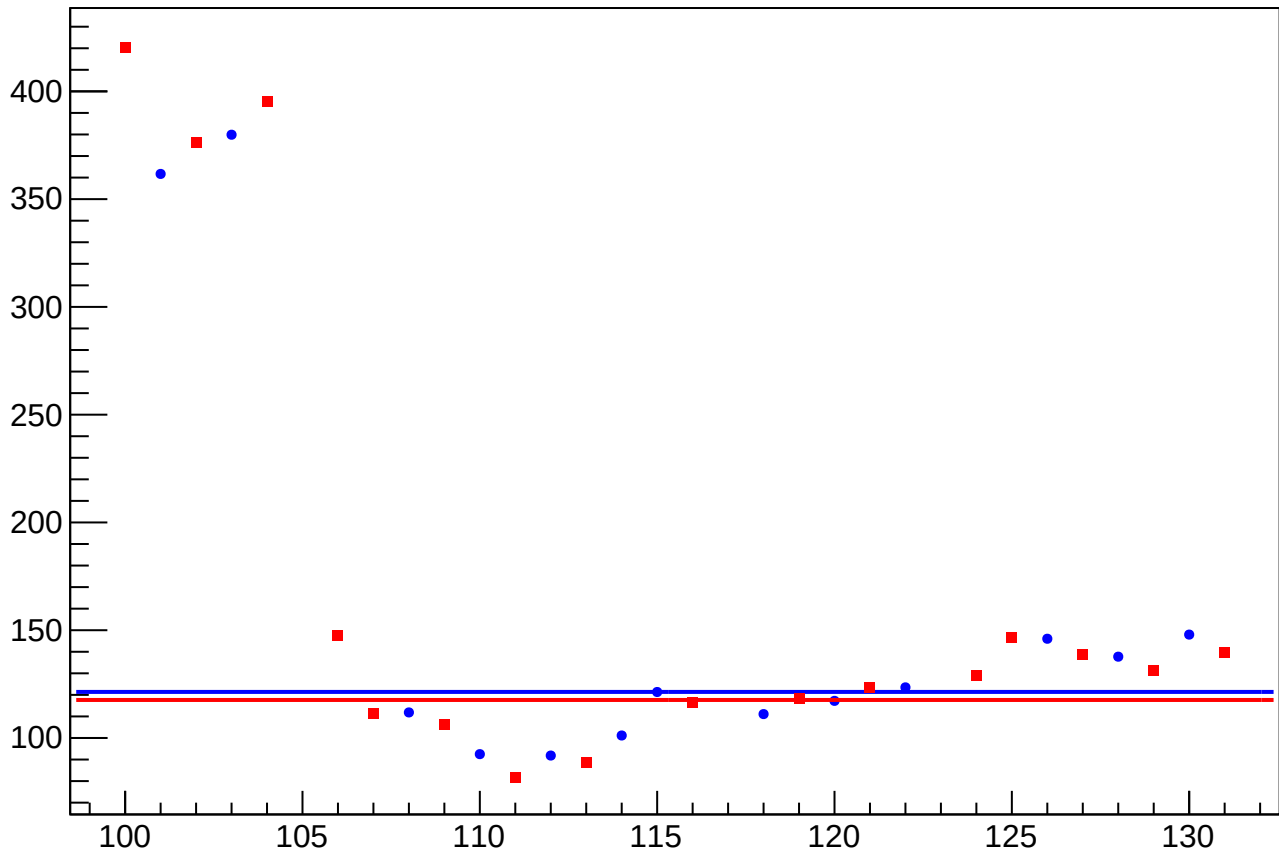
All: 156.900+/-0.035 χ^2/NDF : 2253450.9/28

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134663.223 $\pm$ 0.057 χ^2 /NDF: 694344758.1/12
 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: 134589.153 $\pm$ 0.038 χ^2 /NDF: 1499830457.4/15
 In: 134663.223 $\pm$ 0.057 χ^2 /NDF: 694344758.1/12
 Right Out: 134528.636 $\pm$ 0.051 χ^2 /NDF: 802380553.0/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 134589.153 $\pm$ 0.038 χ^2 /NDF: 1499830457.4/15

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 121.373+/-0.040 χ^2/NDF : 1389515.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.641+/-0.036 χ^2/NDF : 1570448.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

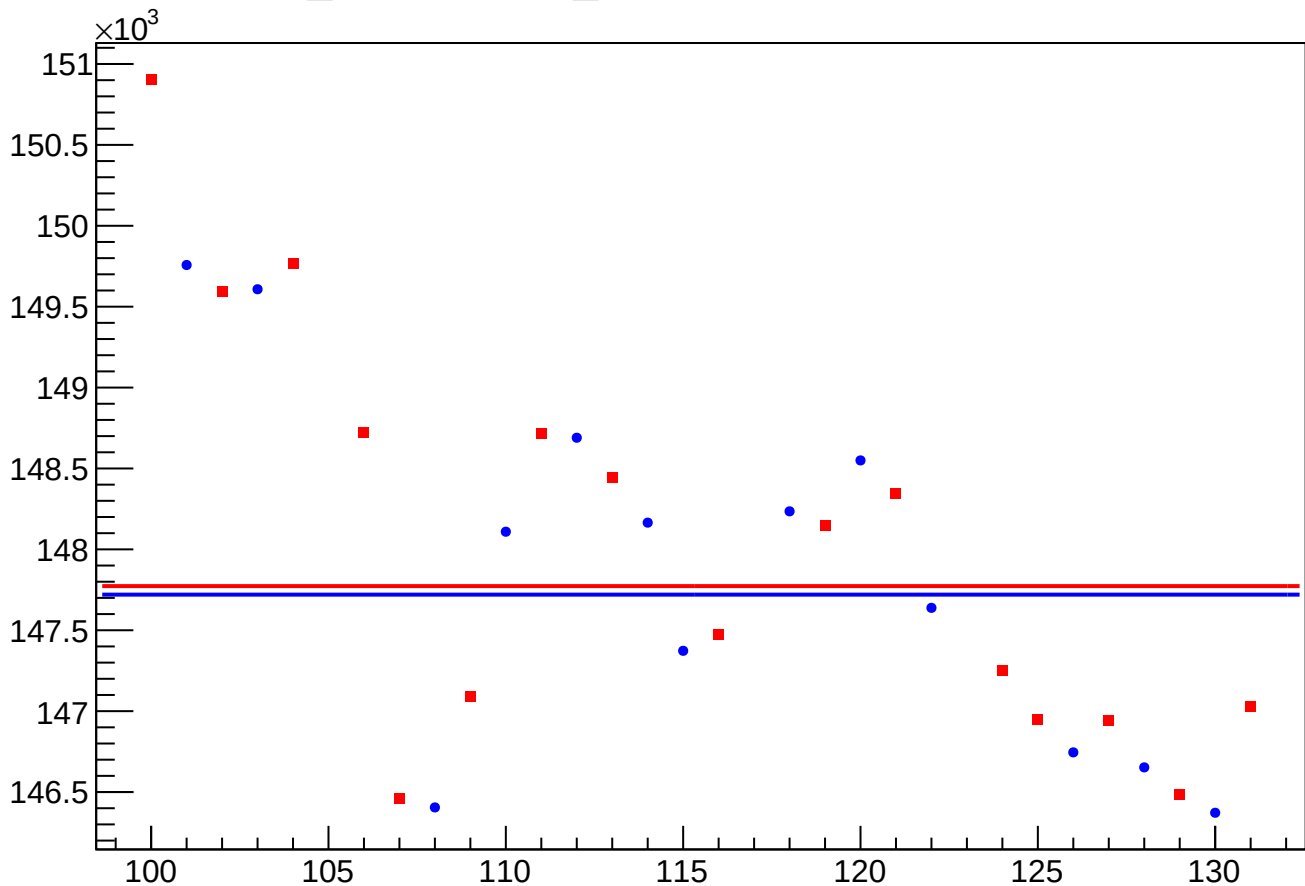
Right: 119.319+/-0.027 χ^2/NDF : 2964739.1/28

In: 121.373+/-0.040 χ^2/NDF : 1389515.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

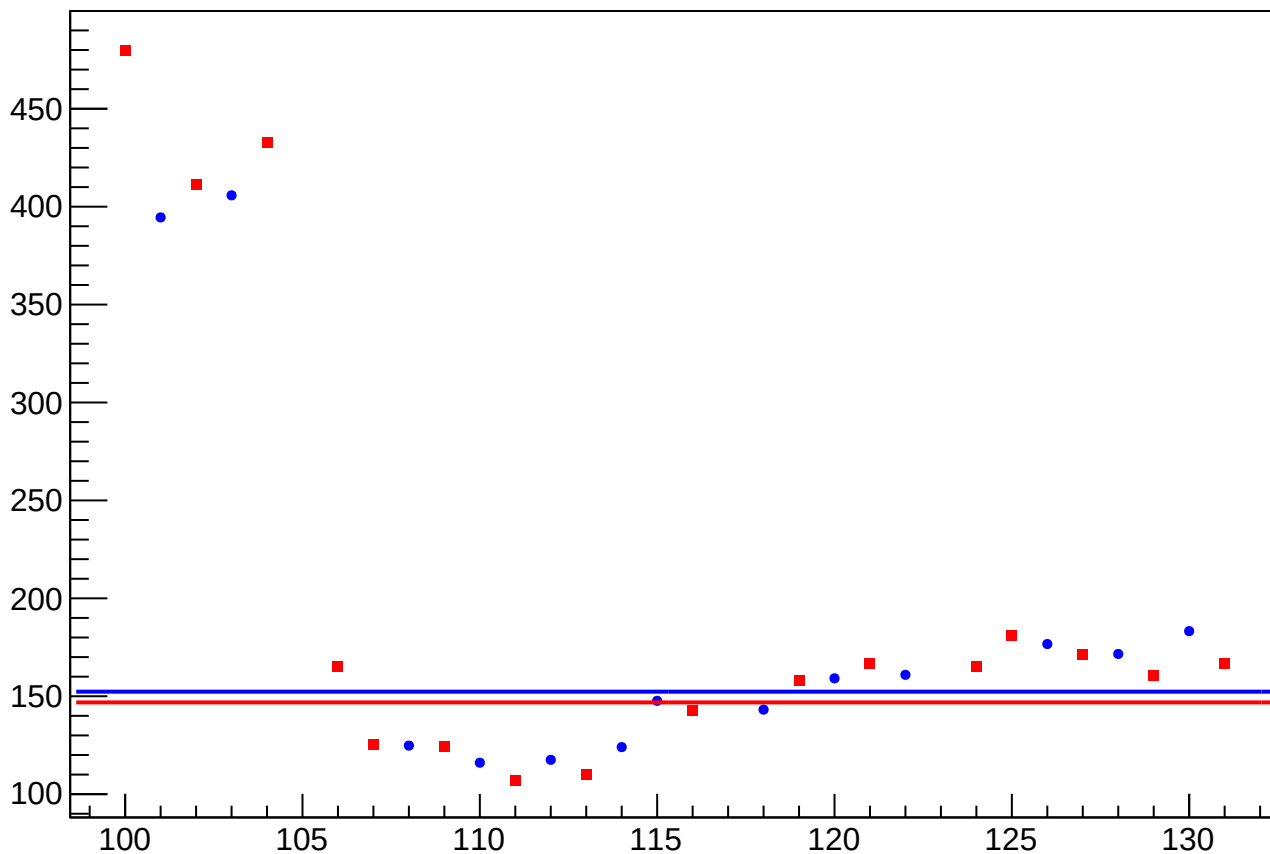
All: 119.319+/-0.027 χ^2/NDF : 2964739.1/28

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147720.148 $\pm$ 0.070 χ^2 /NDF: 181617313.8/12
 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: 147749.383 $\pm$ 0.047 χ^2 /NDF: 371178803.0/2
 In: 147720.148 $\pm$ 0.070 χ^2 /NDF: 181617313.8/12
 Right Out: 147772.921 $\pm$ 0.063 χ^2 /NDF: 189249823.3/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 147749.383 $\pm$ 0.047 χ^2 /NDF: 371178803.0/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 152.339+/-0.050 χ^2/NDF : 1220635.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.853+/-0.045 χ^2/NDF : 1412070.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

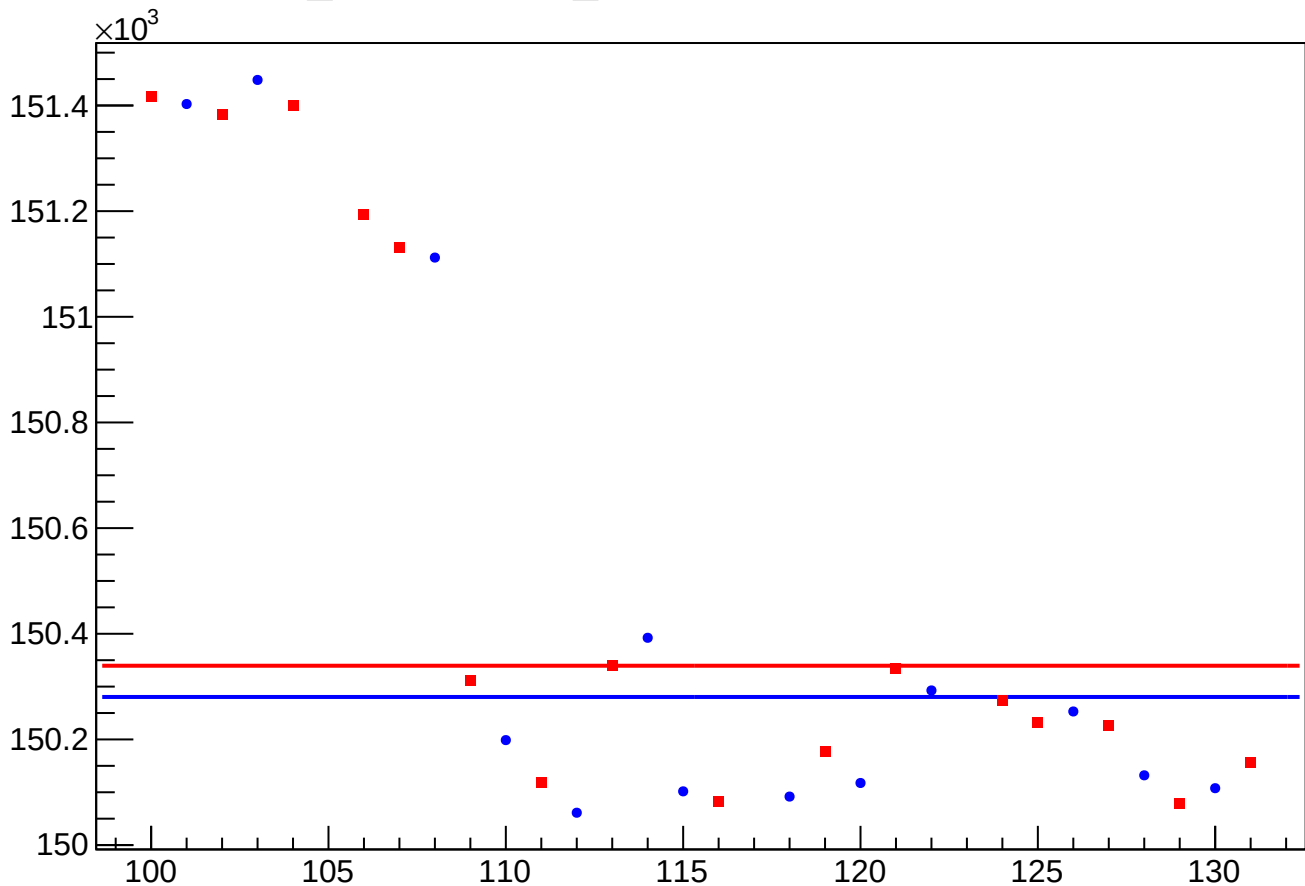
Right: 149.300+/-0.033 χ^2/NDF : 2639442.6/28

In: 152.339+/-0.050 χ^2/NDF : 1220635.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

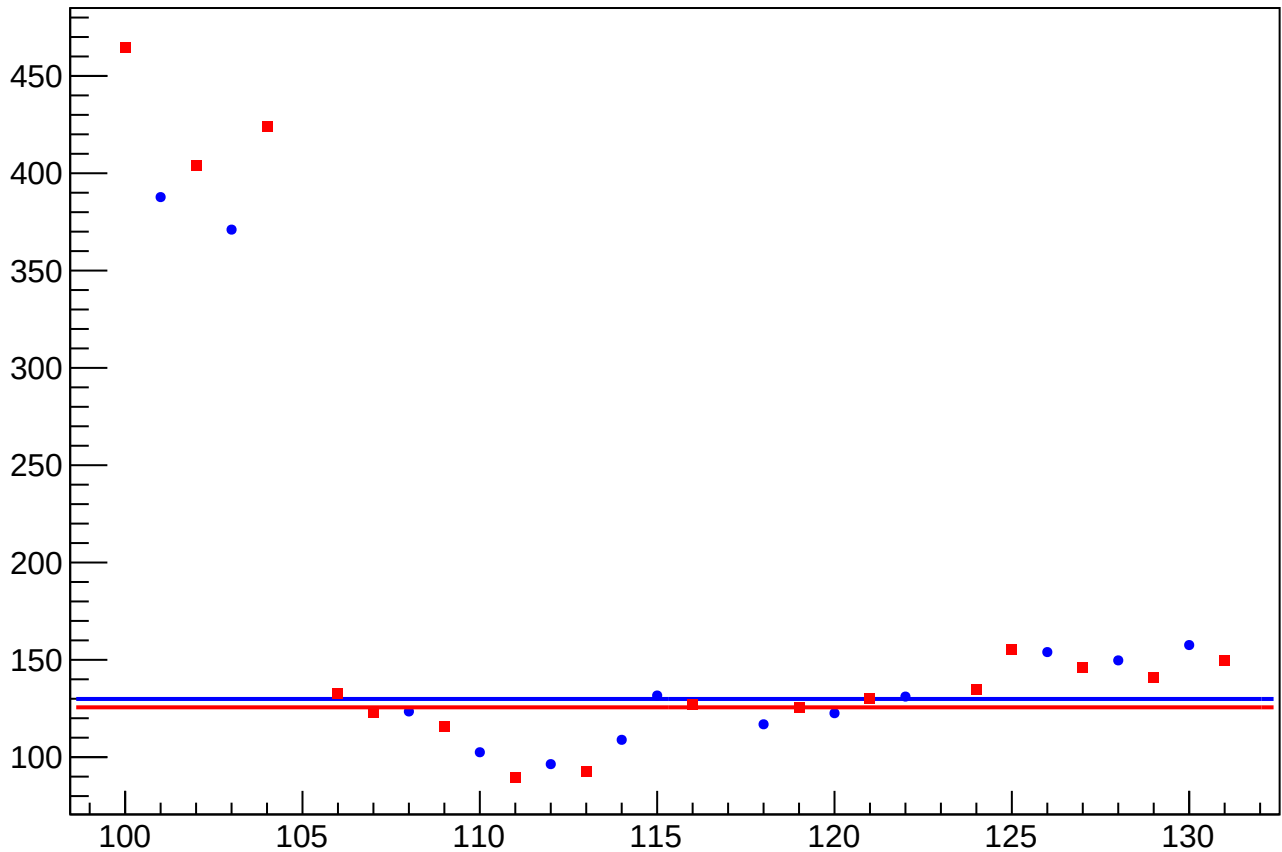
All: 149.300+/-0.033 χ^2/NDF : 2639442.6/28

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150280.378 $\pm$ 0.061 χ^2 /NDF: 34381951.1/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150339.499 $\pm$ 0.054 χ^2 /NDF: 38067721.9/15
 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: 150313.226 $\pm$ 0.040 χ^2 /NDF: 72978219.3/28
 In: 150280.378 $\pm$ 0.061 χ^2 /NDF:34381951.1/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150313.226 $\pm$ 0.040 χ^2 /NDF: 72978219.3/28

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.600+/-0.038 χ^2/NDF : 1535220.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

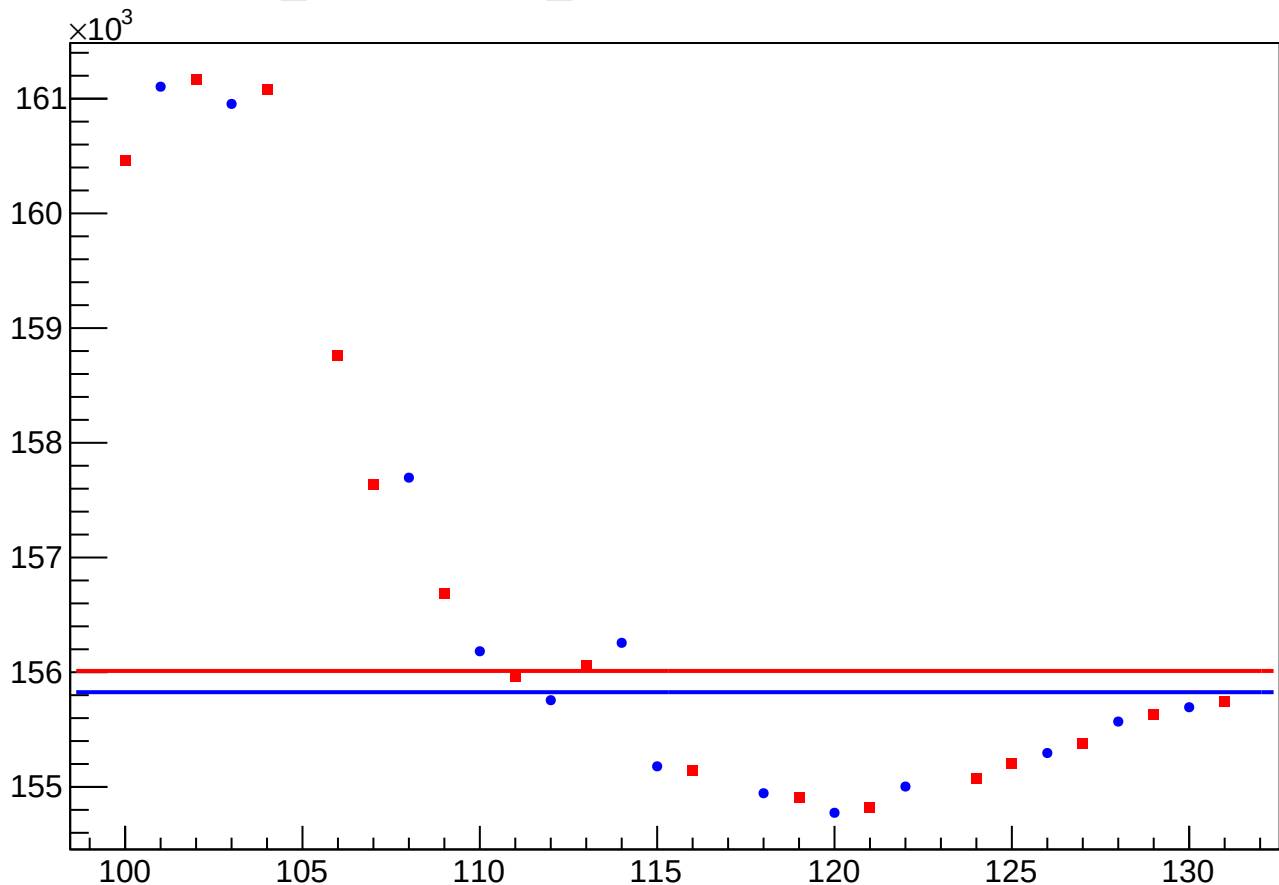
Right: 127.511+/-0.029 χ^2/NDF : 2847043.3/28

In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

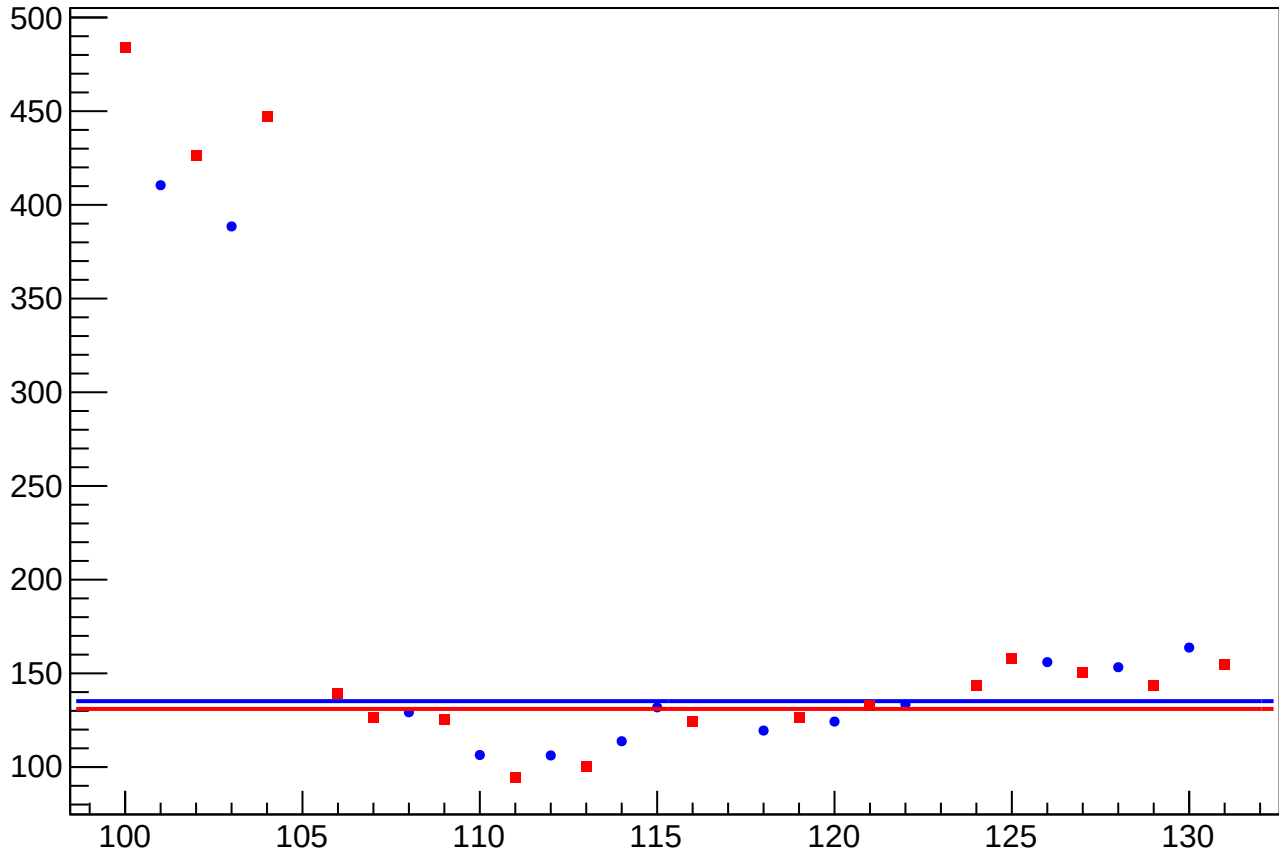
All: 127.511+/-0.029 χ^2/NDF : 2847043.3/28

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 155825.877+/-0.063 χ^2 /NDF: 371091352.6/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 155928.654+/-0.042 χ^2 /NDF: 839316176.9/2
 In: 155825.877+/-0.063 χ^2 /NDF: 371091352.6/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 155928.654+/-0.042 χ^2 /NDF: 839316176.9/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.173+/-0.045 χ^2/NDF : 1277882.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.031+/-0.040 χ^2/NDF : 1496488.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

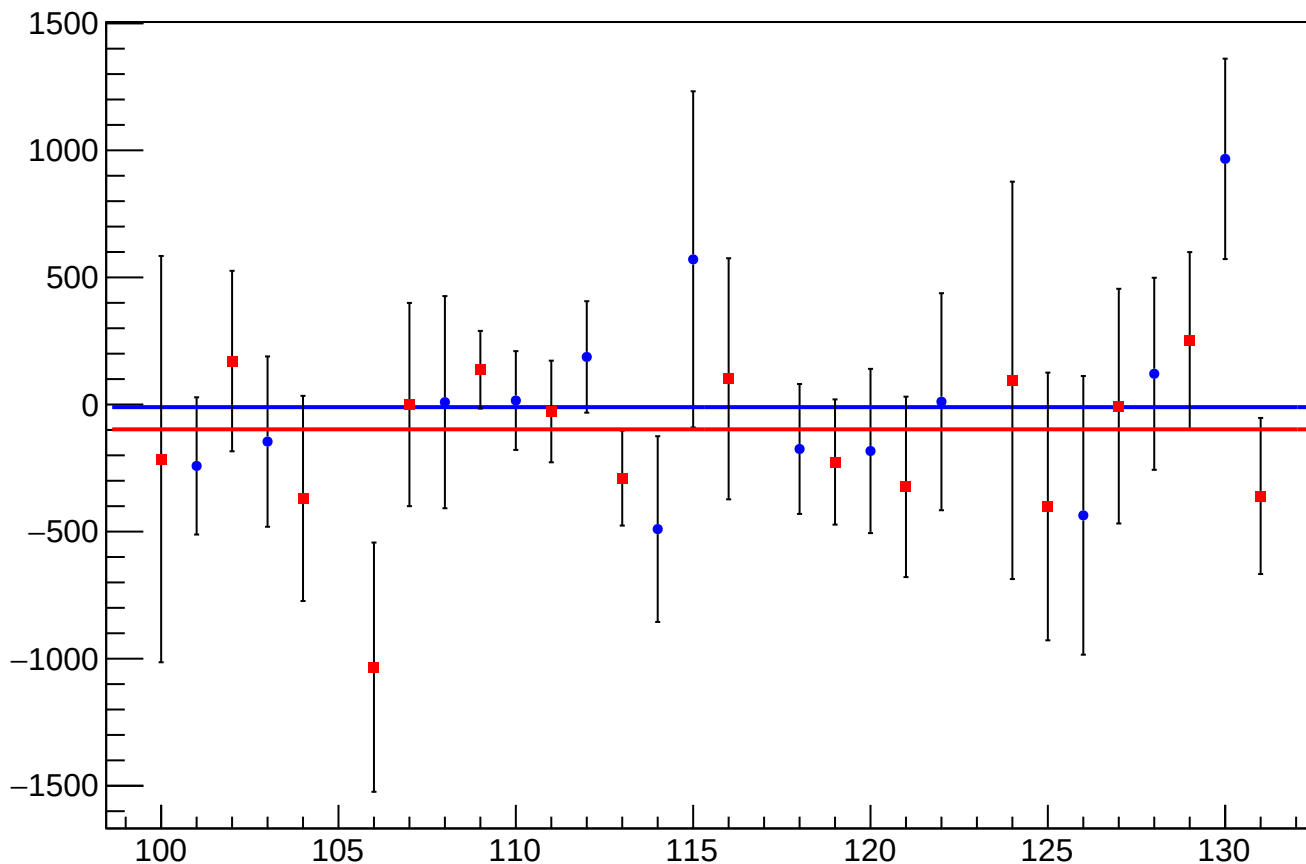
Right: 132.875+/-0.030 χ^2/NDF : 2779167.9/28

In: 135.173+/-0.045 χ^2/NDF : 1277882.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.875+/-0.030 χ^2/NDF : 2779167.9/28

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -10.353+/-86.850 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.651+/-74.510 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

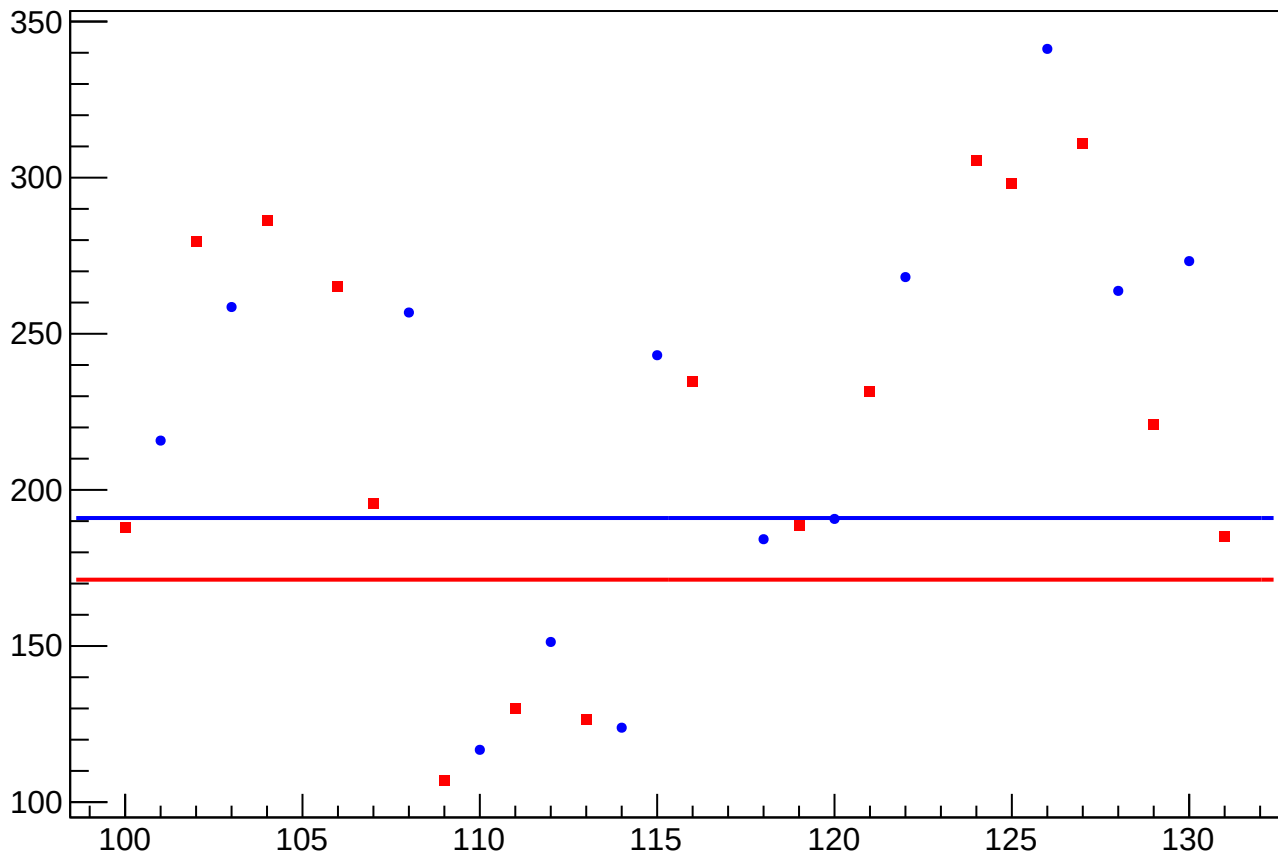
Right: -60.640+/-56.551 χ^2/NDF : 23.7/28

In: -10.353+/-86.850 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.640+/-56.551 χ^2/NDF : 23.7/28

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.247+/-0.053 χ^2/NDF : 1493321.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

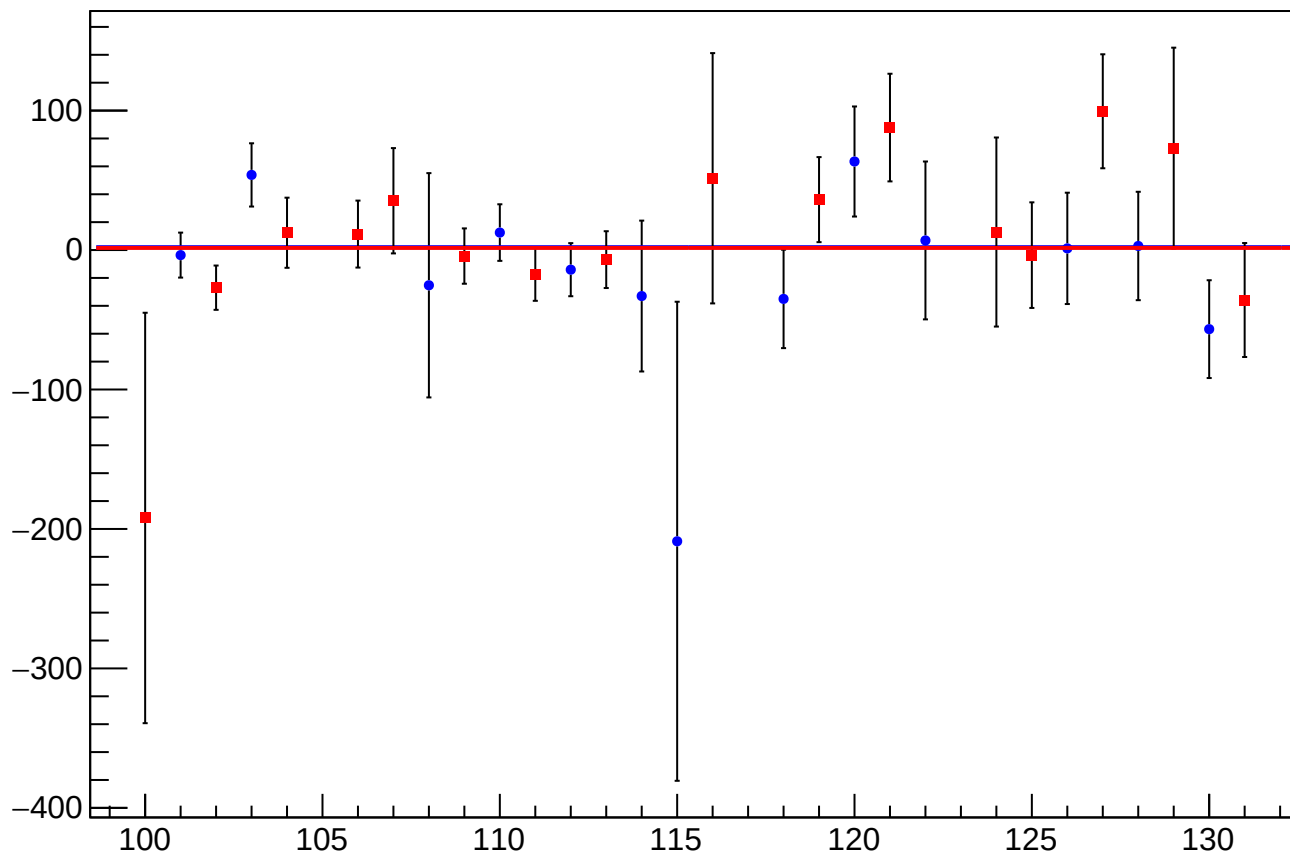
Right: 179.618+/-0.040 χ^2/NDF : 2516592.3/28

In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.618+/-0.040 χ^2/NDF : 2516592.3/28

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 2.044+/-8.067 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.533+/-7.092 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

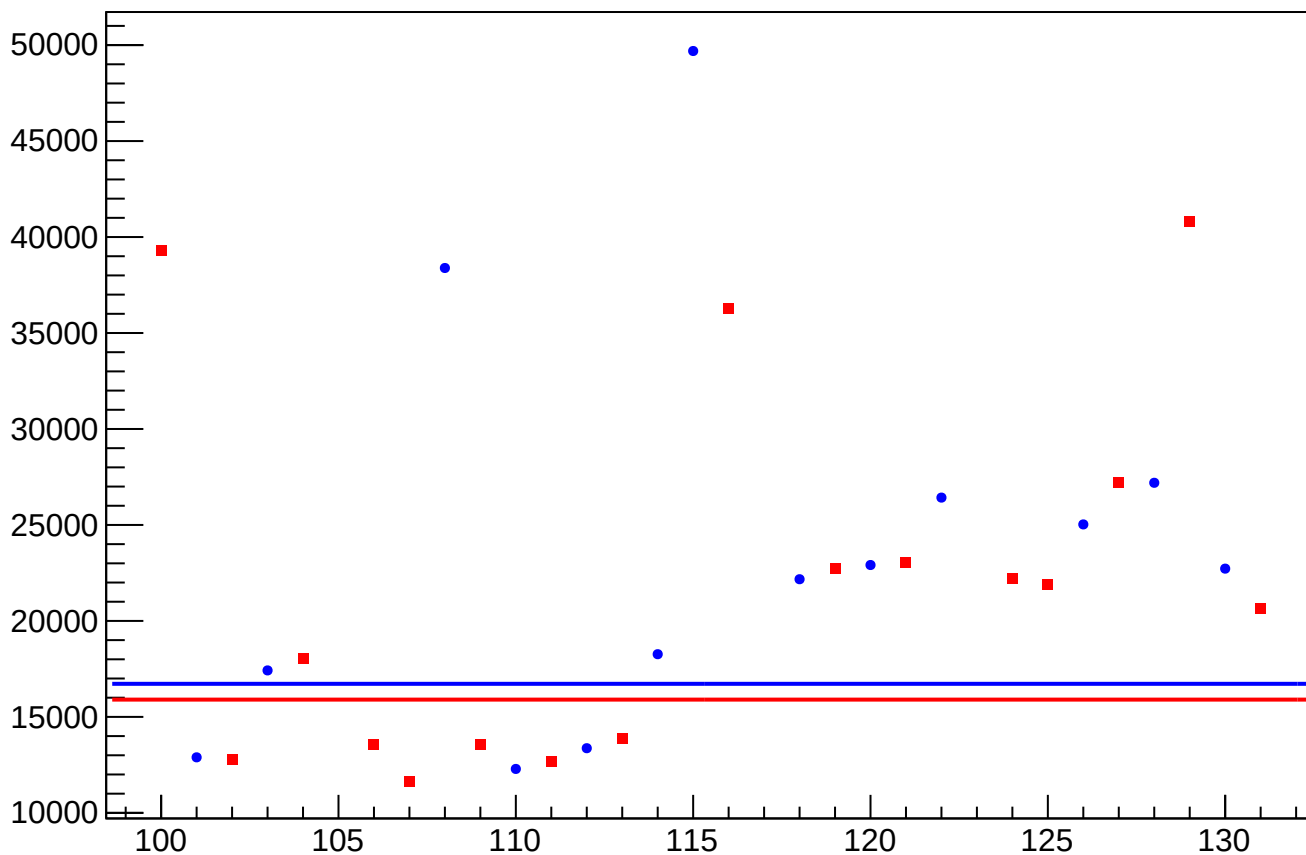
Right: 1.756+/-5.326 χ^2/NDF : 36.3/28

In: 2.044+/-8.067 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.756+/-5.326 χ^2/NDF : 36.3/28

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 16723.236+/-5.704 χ^2/NDF : 938812.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15900.600+/-5.015 χ^2/NDF : 1052819.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

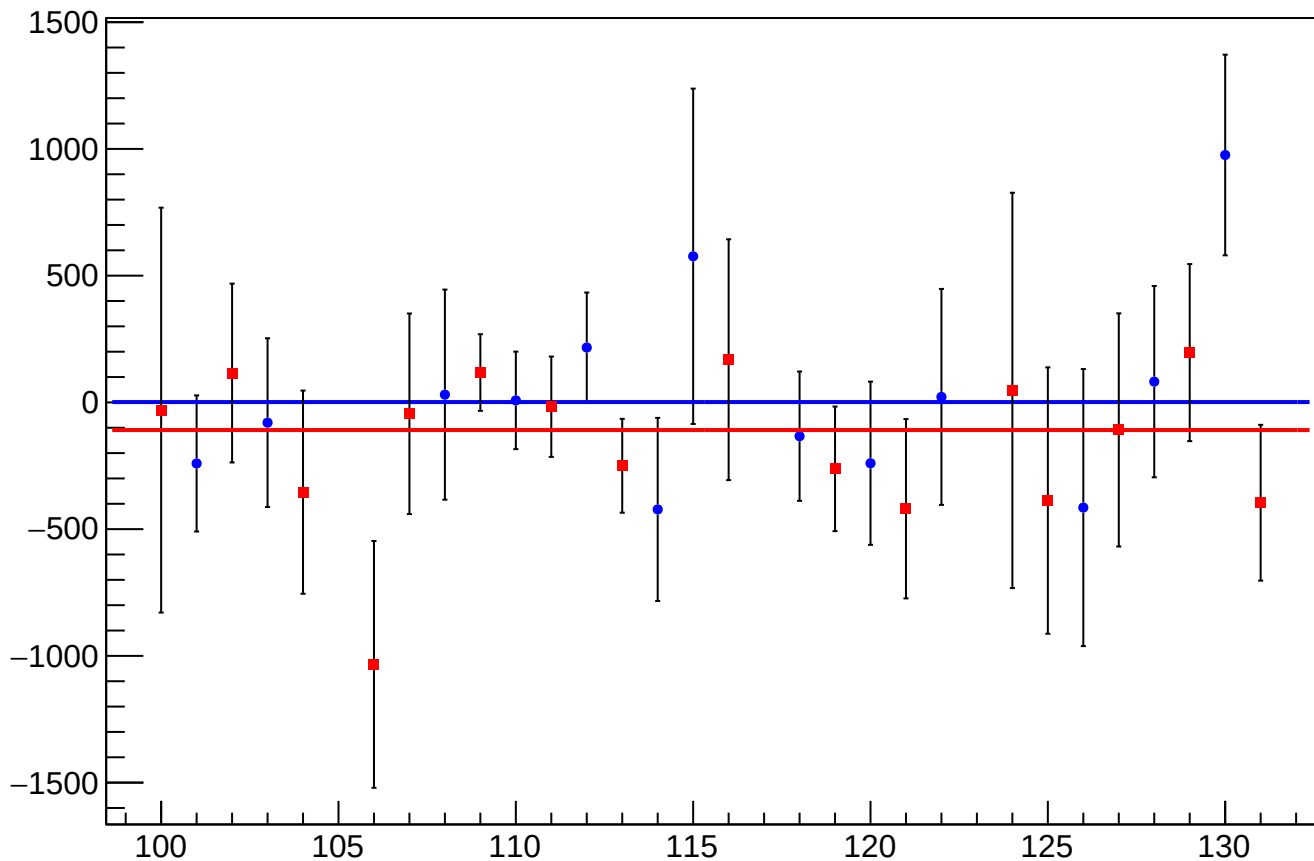
Right: 16259.225+/-3.766 χ^2/NDF : 2003364.6/28

In: 16723.236+/-5.704 χ^2/NDF : 938812.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16259.225+/-3.766 χ^2/NDF : 2003364.6/28

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 1.331+/-86.321 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.033+/-73.996 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

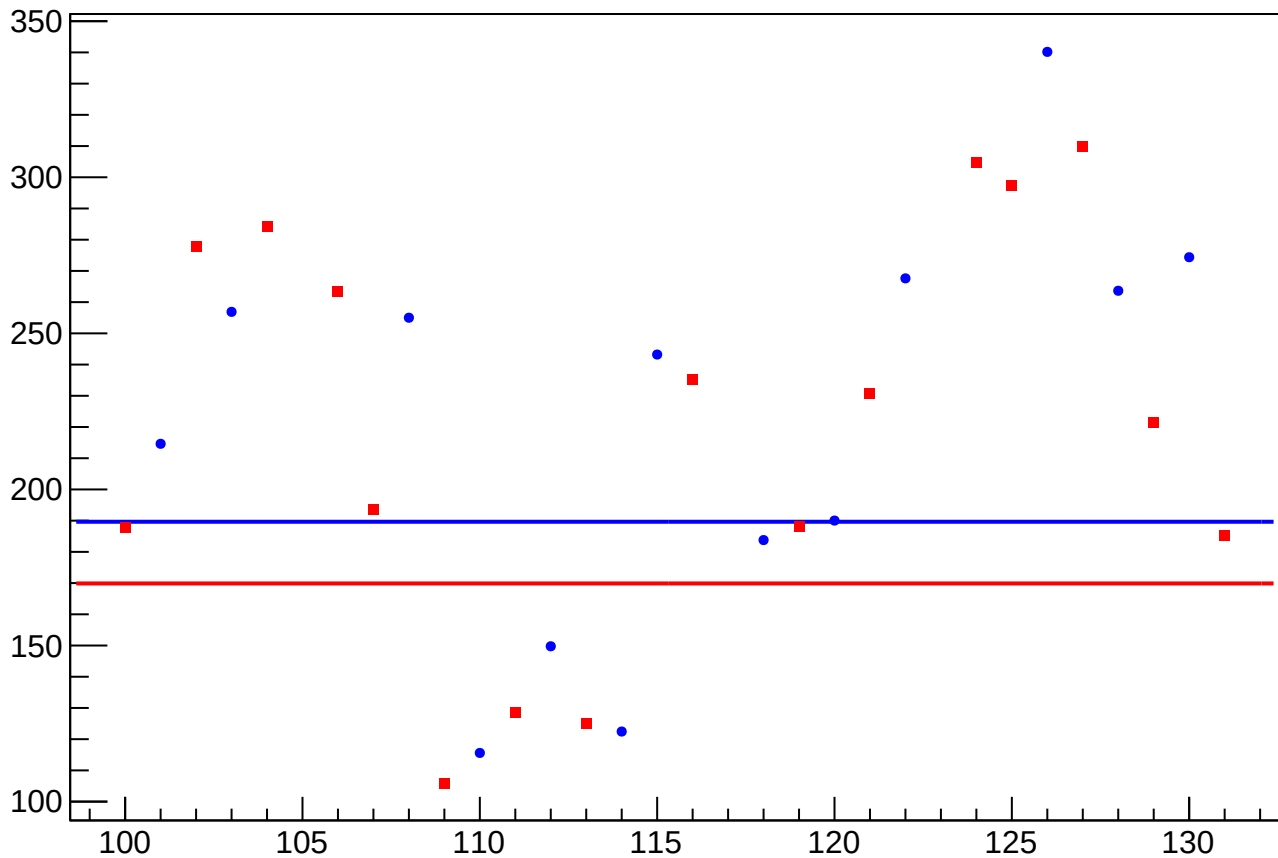
Right: -62.286+/-56.180 χ^2/NDF : 23.4/28

In: 1.331+/-86.321 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.286+/-56.180 χ^2/NDF : 23.4/28

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 189.650+/-0.061 χ^2/NDF : 983308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.890+/-0.052 χ^2/NDF : 1515176.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

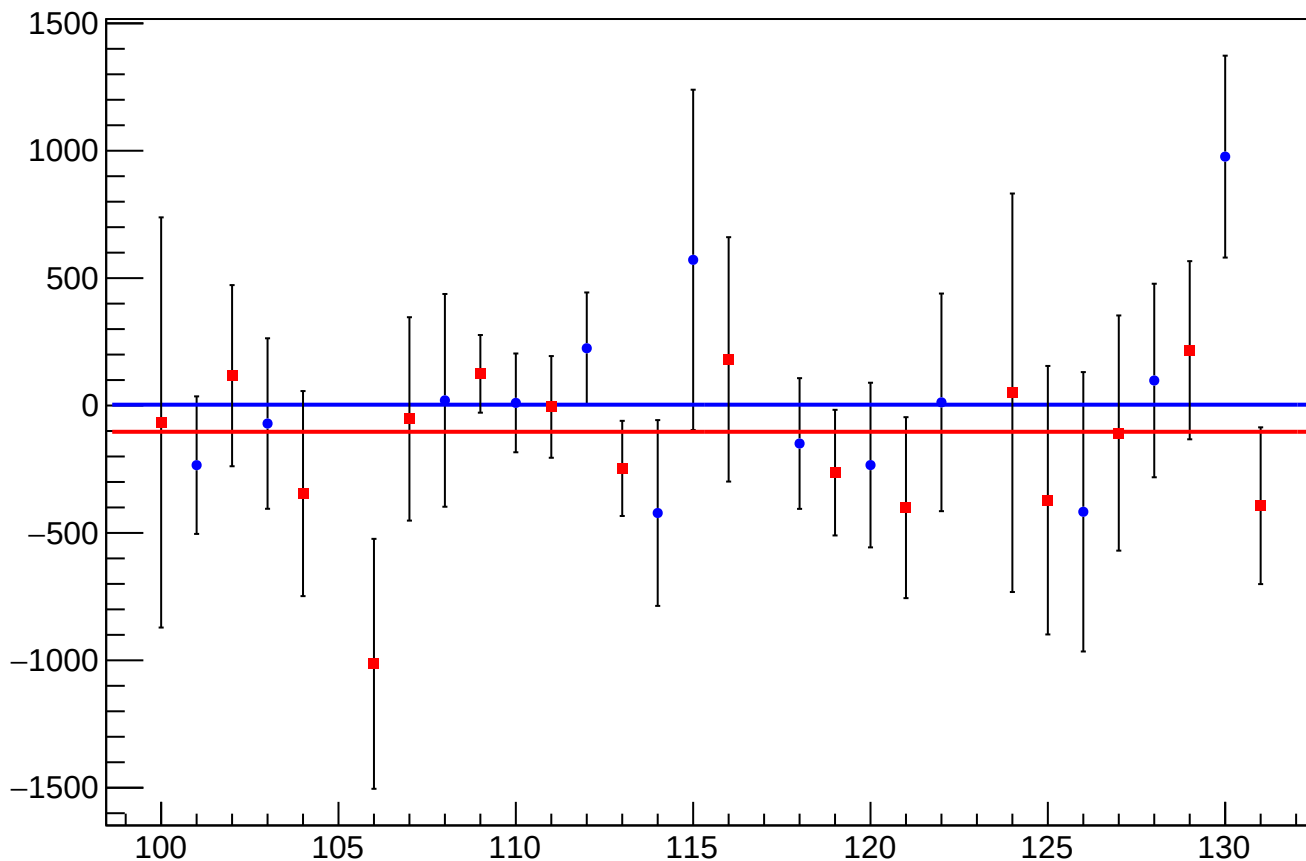
Right: 178.259+/-0.040 χ^2/NDF : 2558897.9/28

In: 189.650+/-0.061 χ^2/NDF :983308.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.259+/-0.040 χ^2/NDF : 2558897.9/28

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 3.305+/-86.863 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.029+/-74.465 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

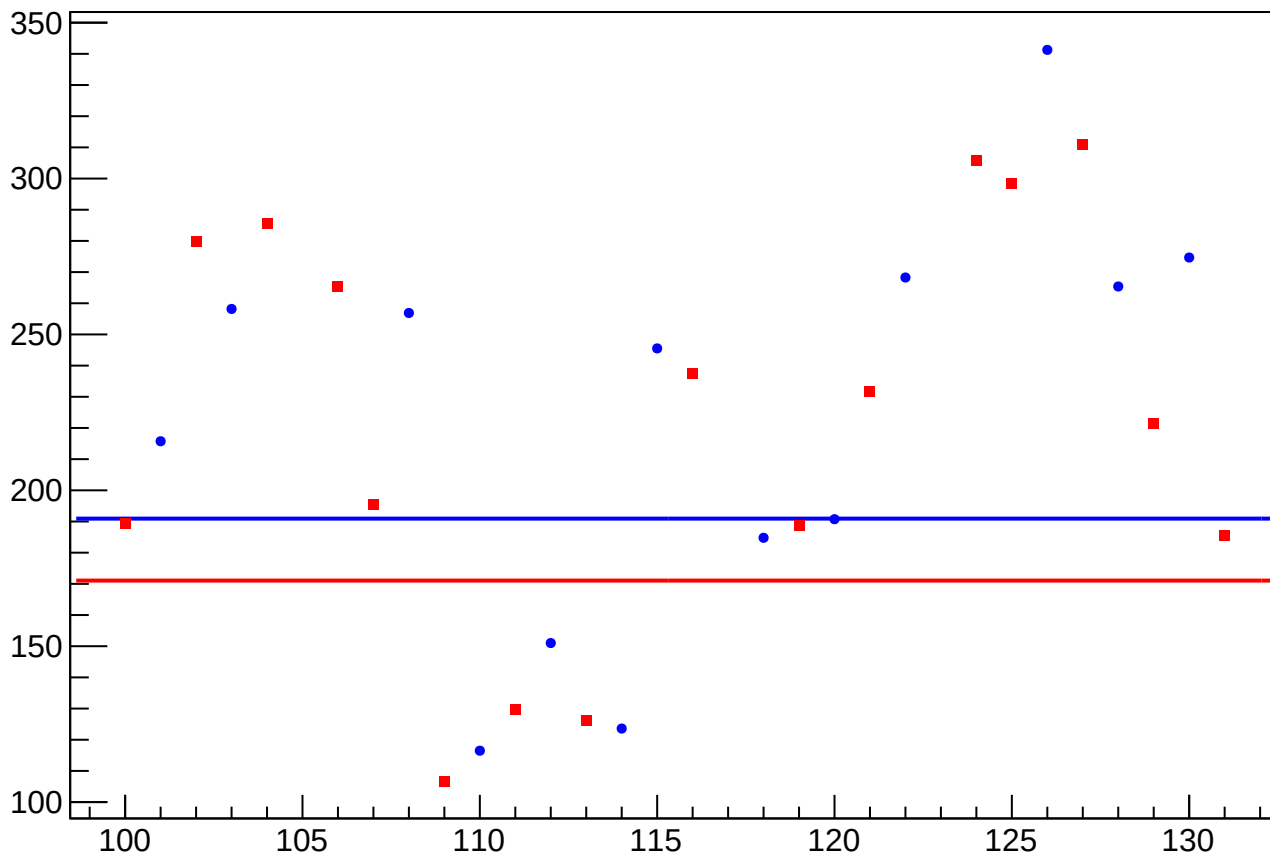
Right: -57.986+/-56.535 χ^2/NDF : 23.2/28

In: 3.305+/-86.863 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.986+/-56.535 χ^2/NDF : 23.2/28

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 190.927+/-0.061 χ^2/NDF : 974004.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.053+/-0.053 χ^2/NDF : 1503760.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

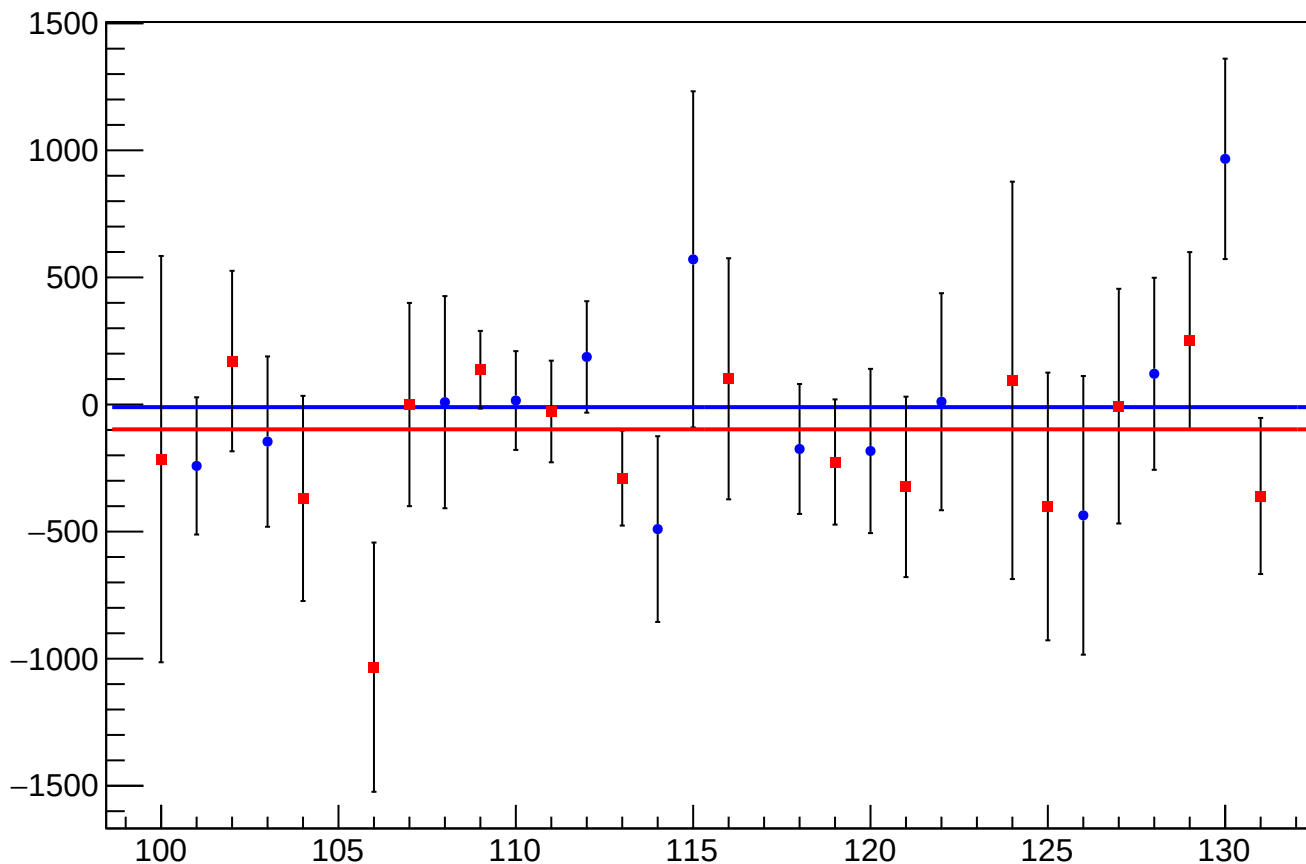
Right: 179.472+/-0.040 χ^2/NDF : 2538111.3/28

In: 190.927+/-0.061 χ^2/NDF : 974004.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.472+/-0.040 χ^2/NDF : 2538111.3/28

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -10.353 ± 86.850 $\chi^2/\text{NDF}: 11.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -97.651 ± 74.510 $\chi^2/\text{NDF}: 11.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

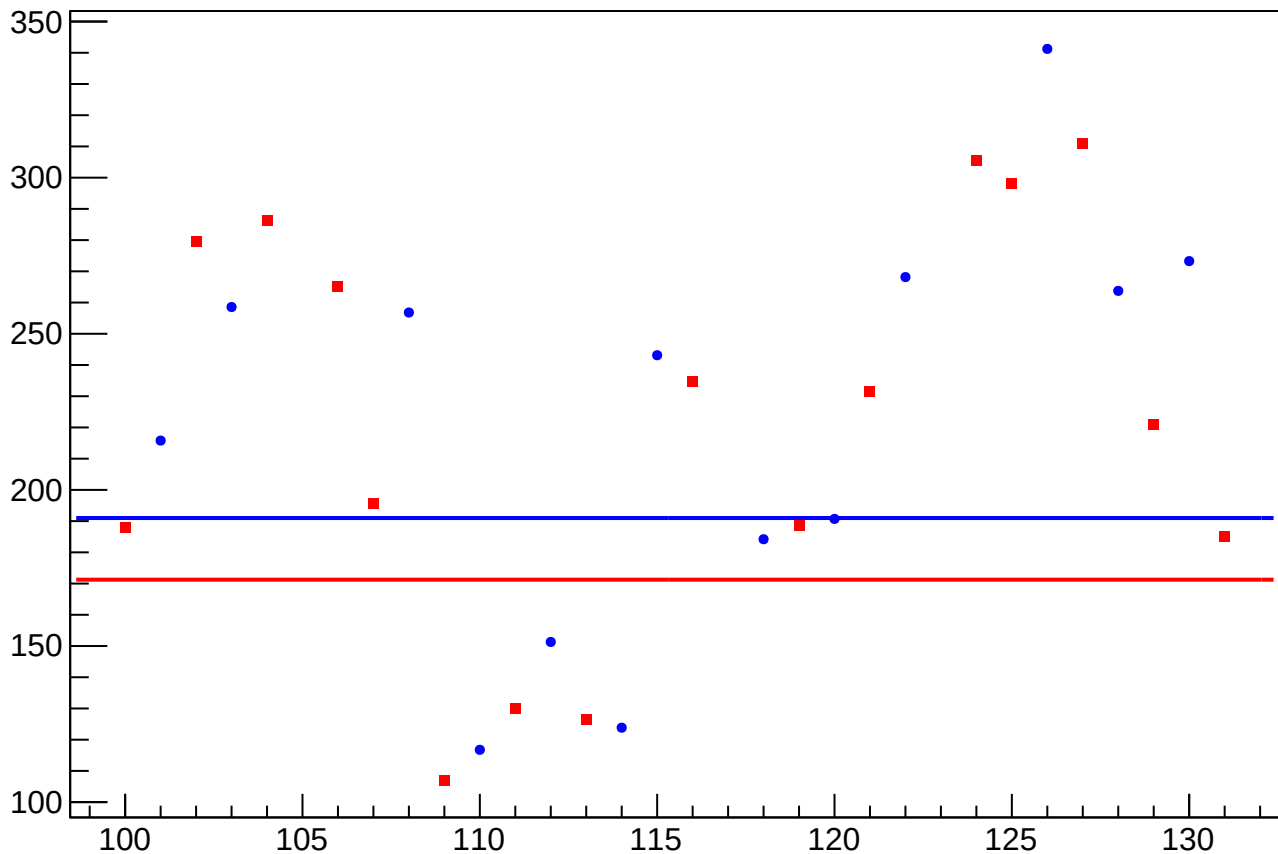
Right: -60.640 ± 56.551 $\chi^2/\text{NDF}: 23.7/28$

In: -10.353 ± 86.850 $\chi^2/\text{NDF}: 11.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -60.640 ± 56.551 $\chi^2/\text{NDF}: 23.7/28$

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.247+/-0.053 χ^2/NDF : 1493321.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

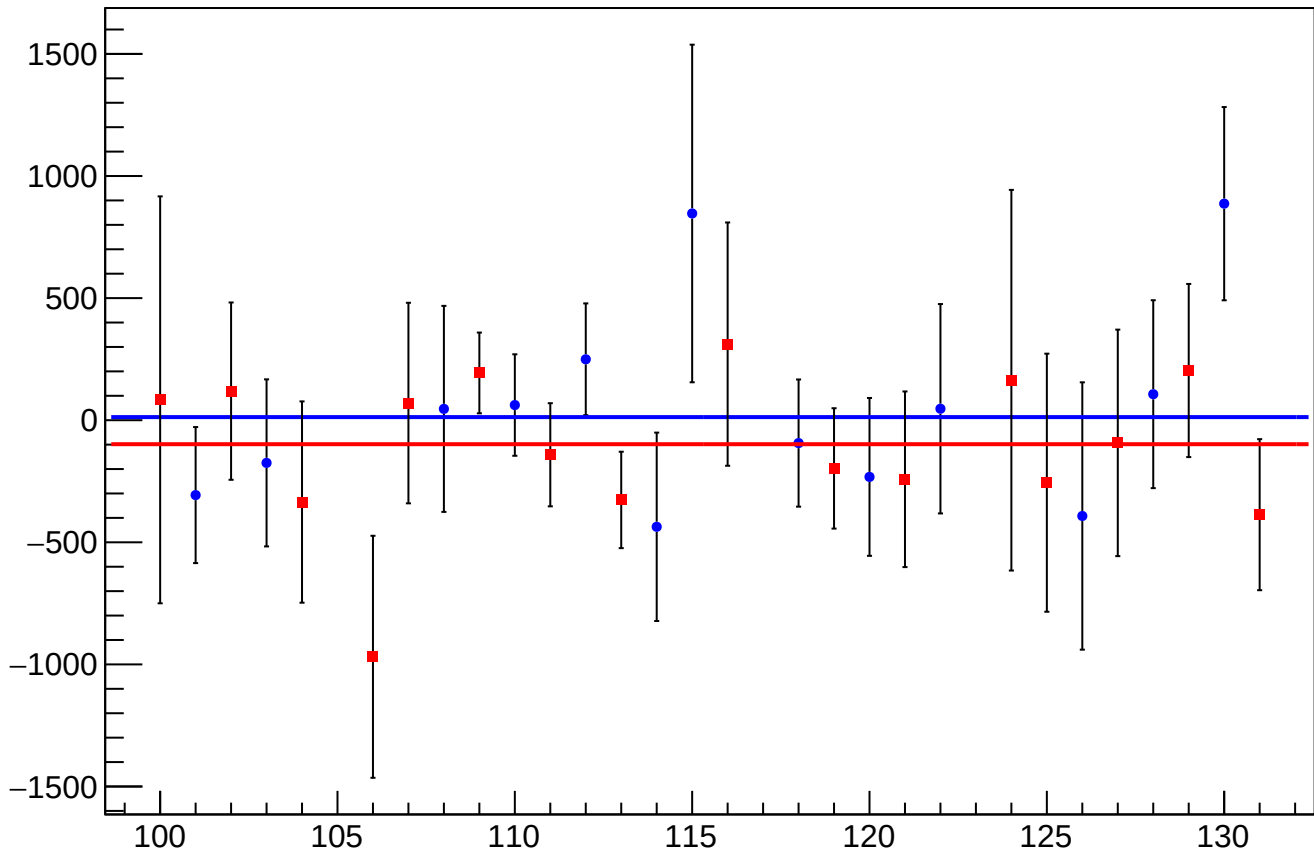
Right: 179.618+/-0.040 χ^2/NDF : 2516592.3/28

In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.618+/-0.040 χ^2/NDF : 2516592.3/28

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 12.732+/-89.677 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.228+/-77.595 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

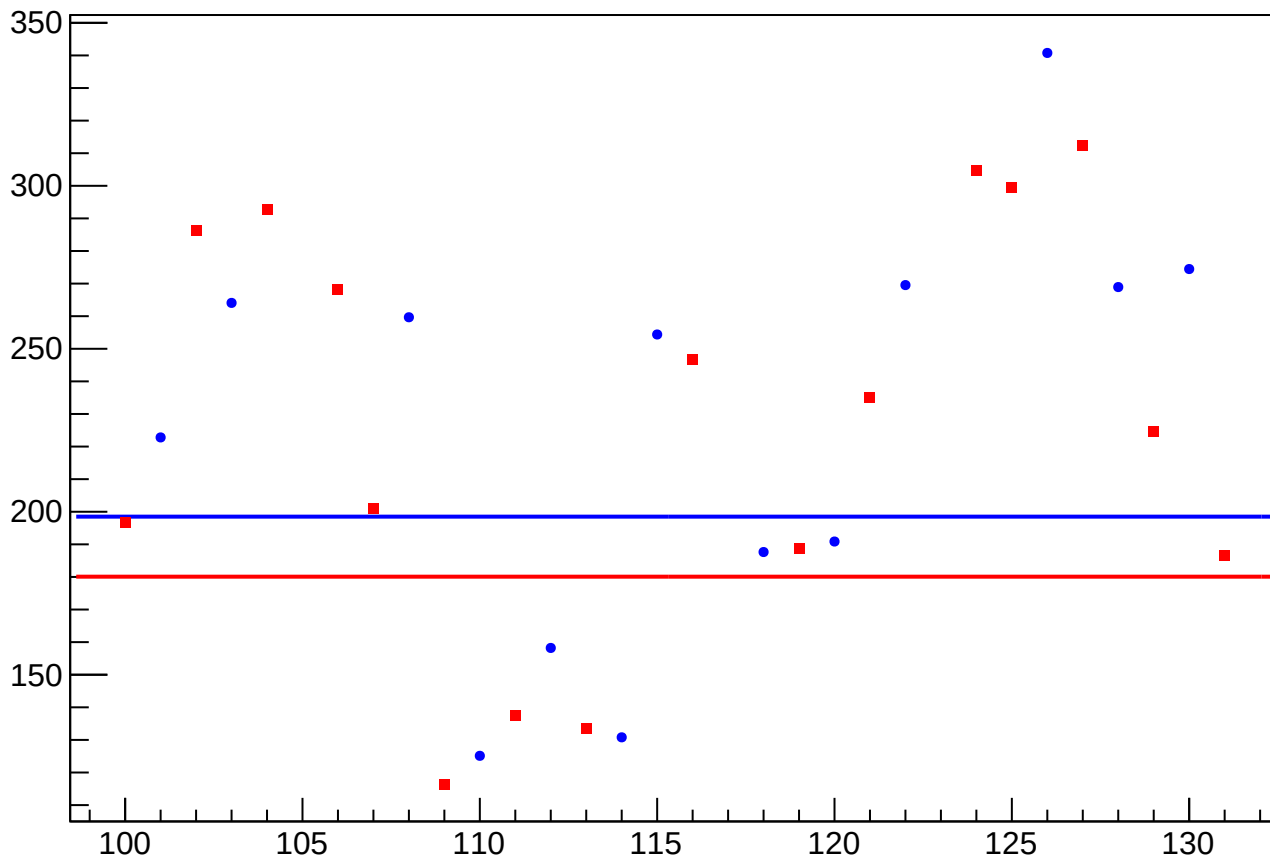
Right: -50.721+/-58.678 χ^2/NDF : 23.9/28

In: 12.732+/-89.677 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.721+/-58.678 χ^2/NDF : 23.9/28

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 198.501+/-0.063 χ^2/NDF : 852147.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 180.082+/-0.055 χ^2/NDF : 1311474.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

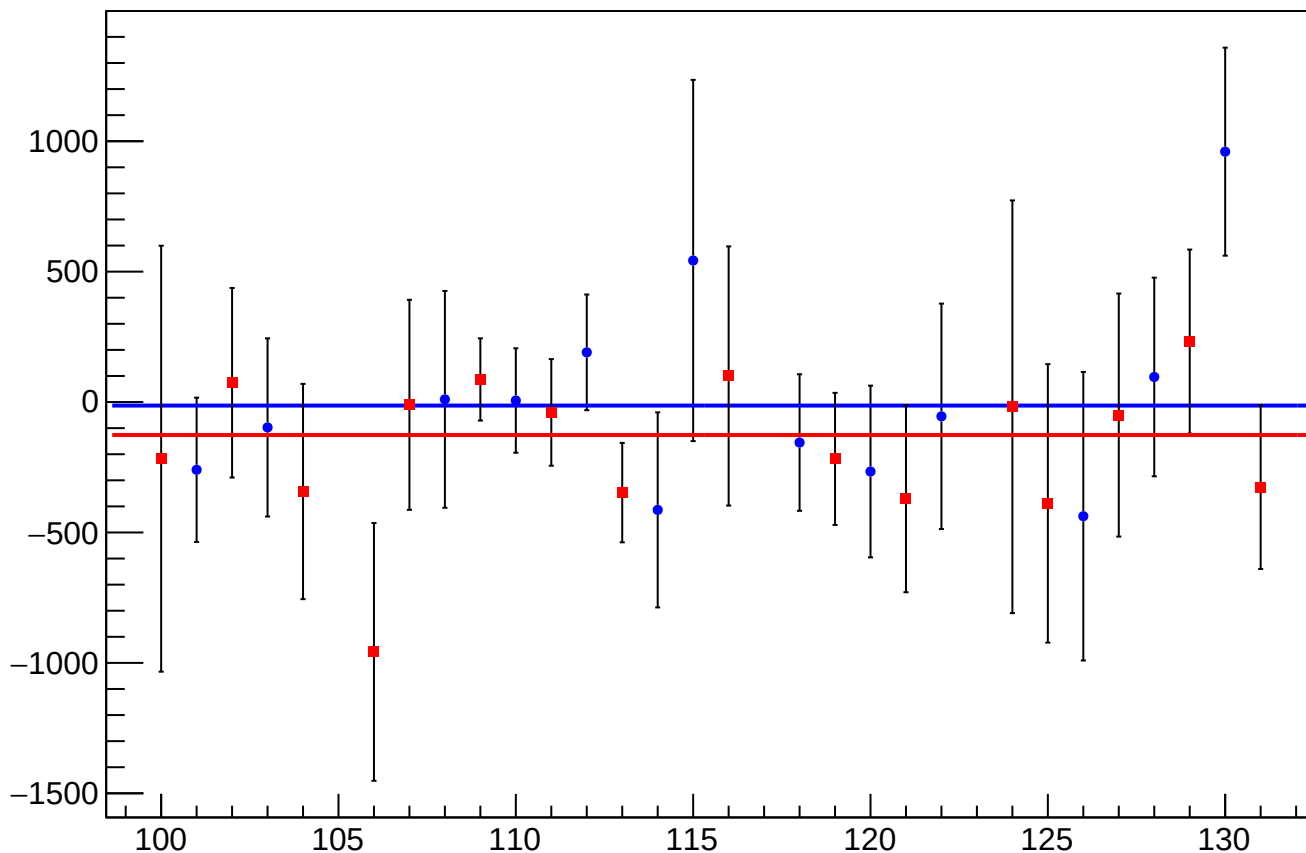
Right: 187.968+/-0.041 χ^2/NDF : 2211871.5/28

In: 198.501+/-0.063 χ^2/NDF :852147.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 187.968+/-0.041 χ^2/NDF : 2211871.5/28

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -13.445 ± 88.537 χ^2/NDF : 11.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -126.192 ± 76.174 χ^2/NDF : 9.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

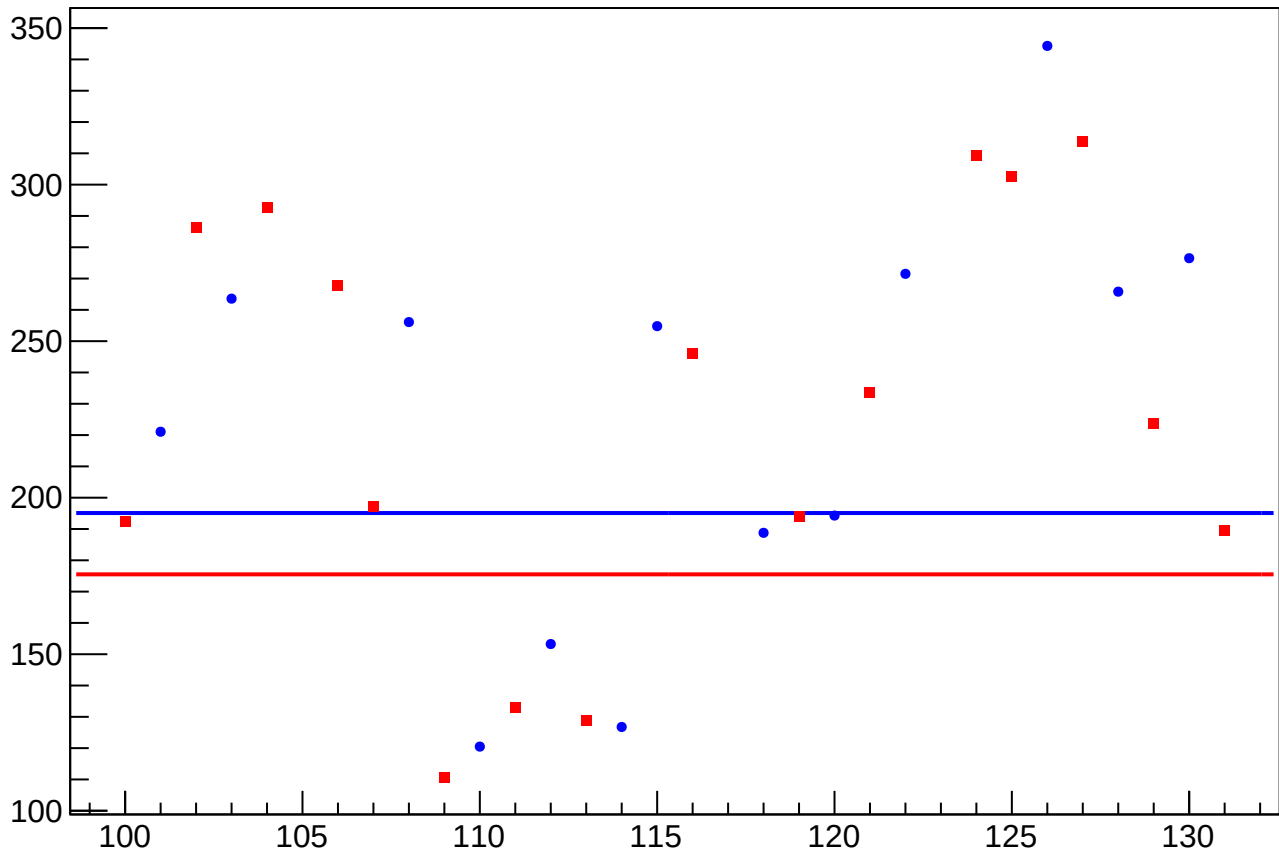
Right: -78.233 ± 57.744 χ^2/NDF : 21.3/28

In: -13.445 ± 88.537 χ^2/NDF : 11.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -78.233 ± 57.744 χ^2/NDF : 21.3/28

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 195.102+/-0.063 χ^2/NDF : 933326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.513+/-0.054 χ^2/NDF : 1460859.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

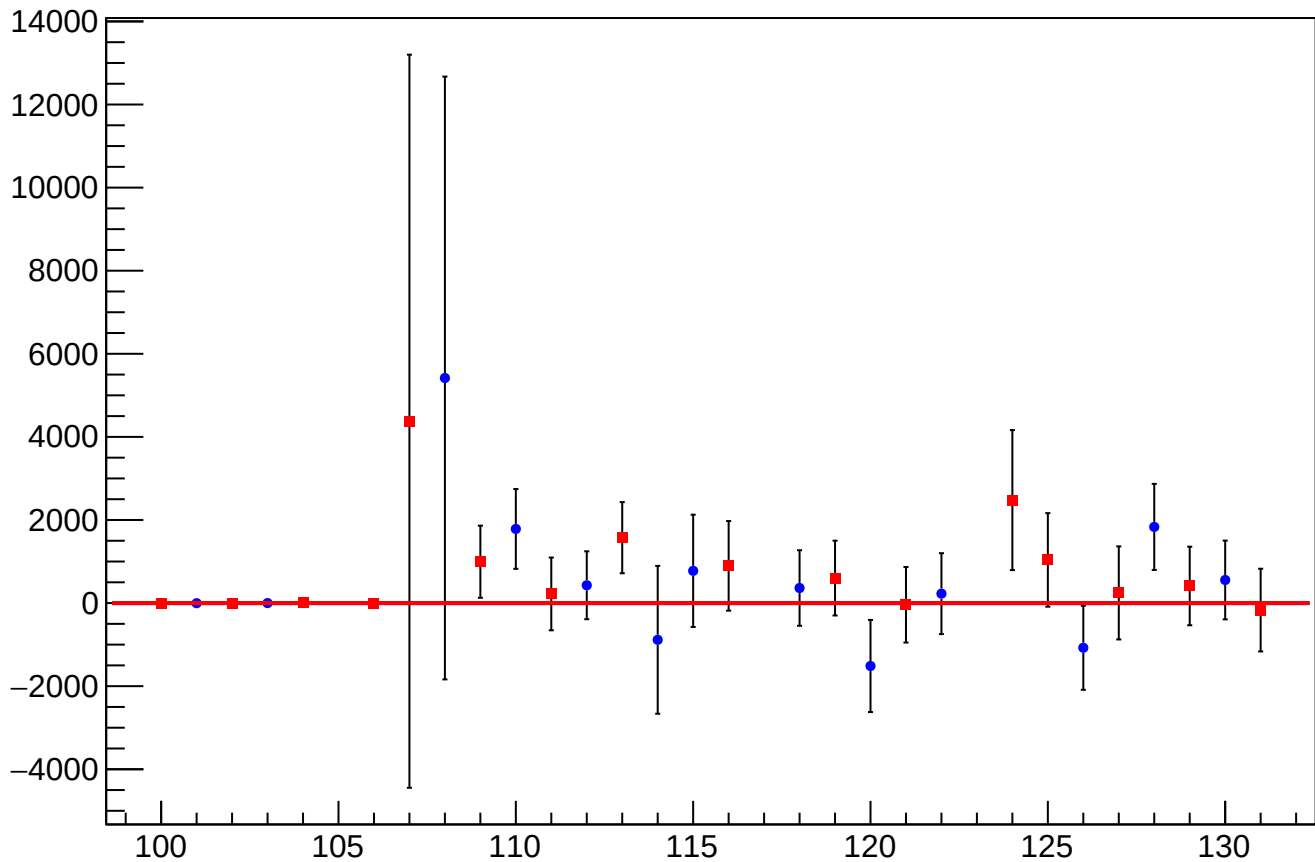
Right: 183.845+/-0.041 χ^2/NDF : 2450444.3/28

In: 195.102+/-0.063 χ^2/NDF : 933326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.845+/-0.041 χ^2/NDF : 2450444.3/28

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.201+/-2.171 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.393+/-2.022 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

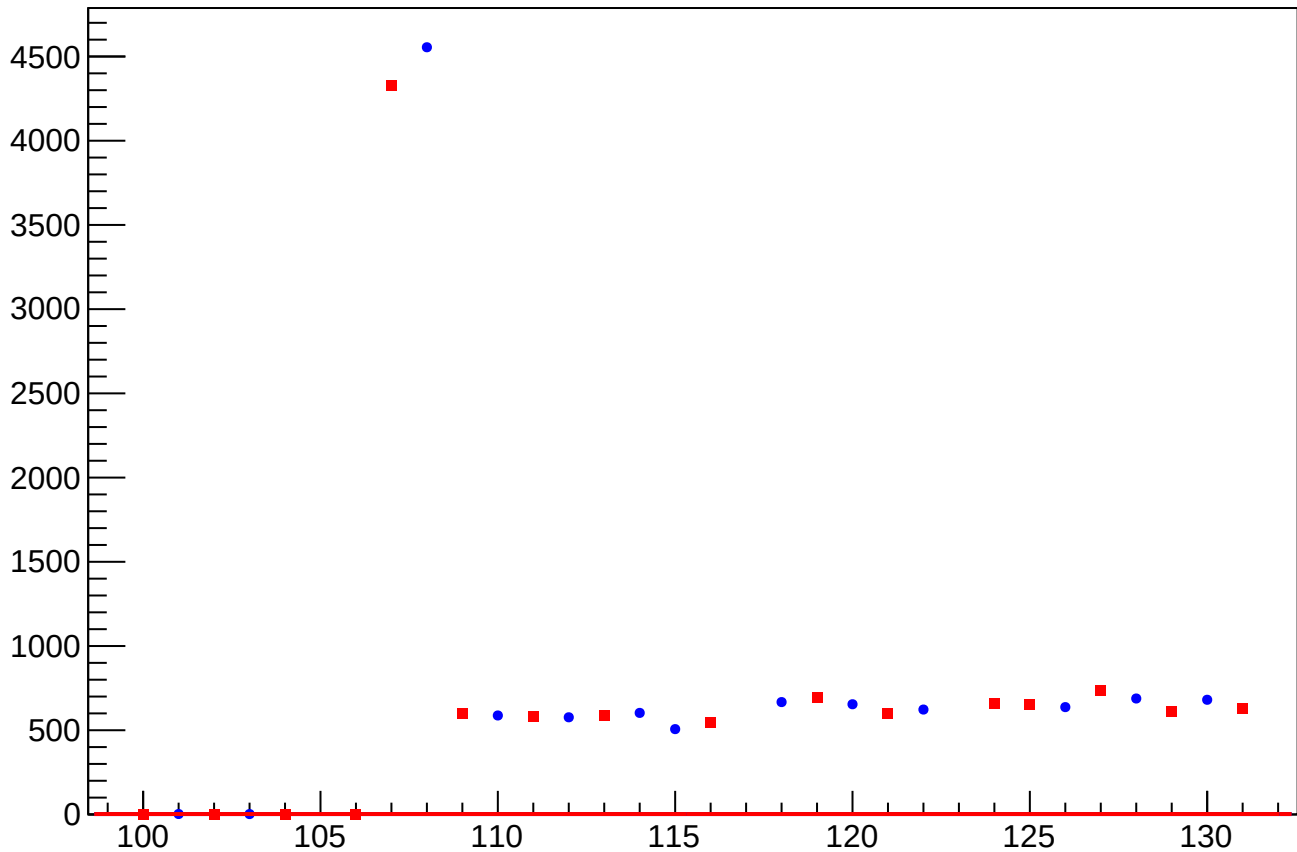
Right: 0.187+/-1.480 χ^2/NDF : 27.3/28

In: -1.201+/-2.171 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.187+/-1.480 χ^2/NDF : 27.3/28

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.458+/-0.002 χ^2/NDF : 8299830.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.452+/-0.001 χ^2/NDF : 9258329.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

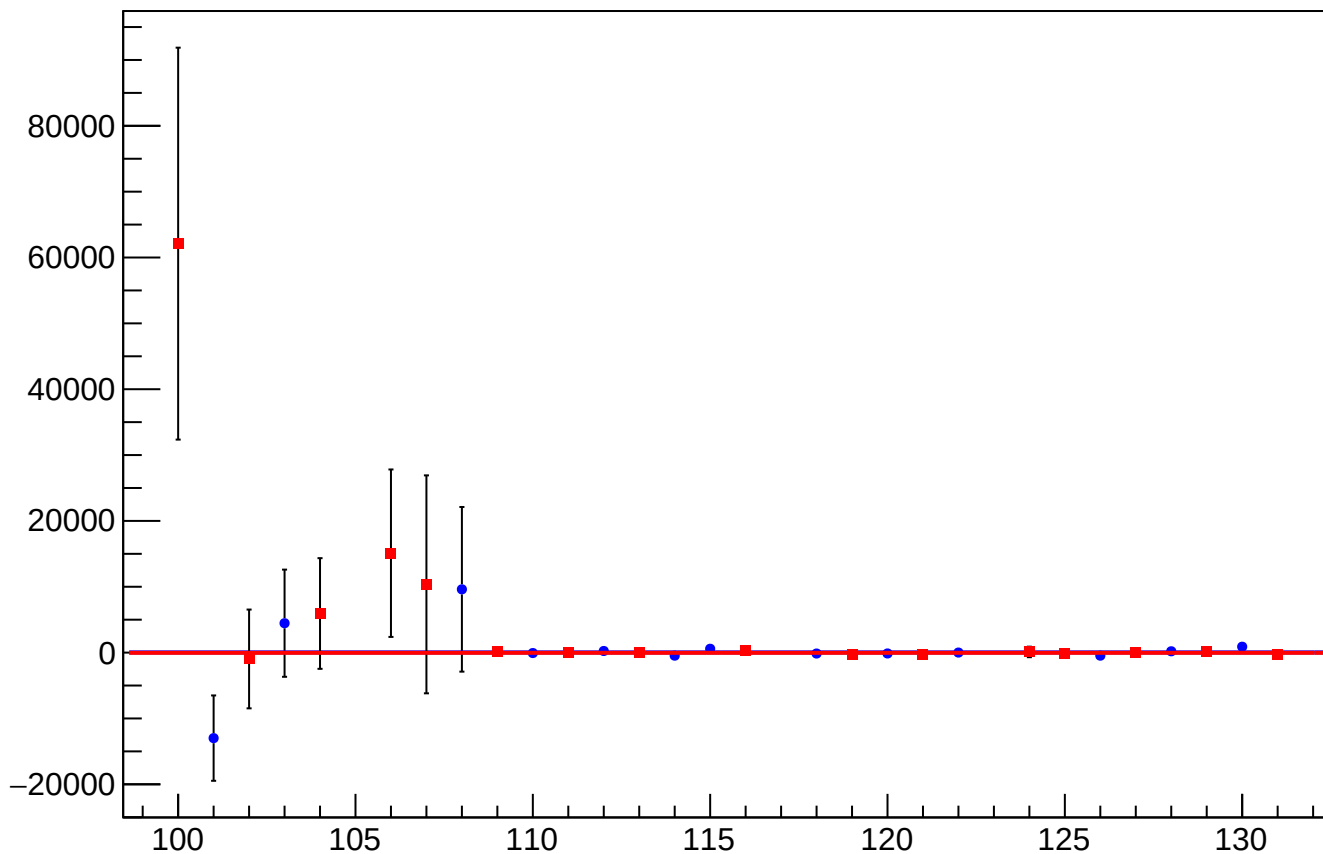
Right: 2.455+/-0.001 χ^2/NDF : 17558169.9/28

In: 2.458+/-0.002 χ^2/NDF : 8299830.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.455+/-0.001 χ^2/NDF : 17558169.9/28

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 34.398+/-102.536 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.493+/-91.132 χ^2/NDF : 12.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

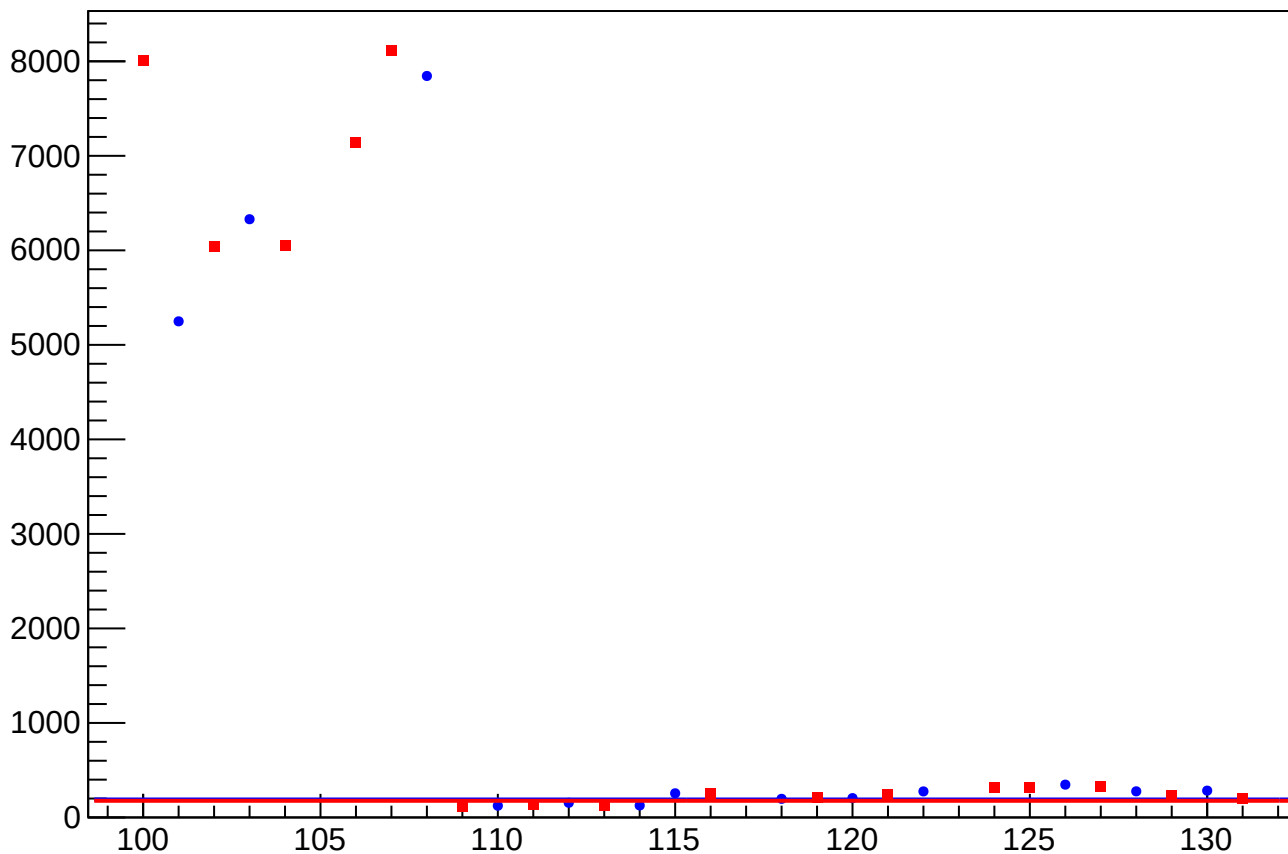
Right: -2.414+/-68.117 χ^2/NDF : 26.8/28

In: 34.398+/-102.536 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.414+/-68.117 χ^2/NDF : 26.8/28

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 190.037+/-0.073 χ^2/NDF : 3870202.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.517+/-0.064 χ^2/NDF : 4278773.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

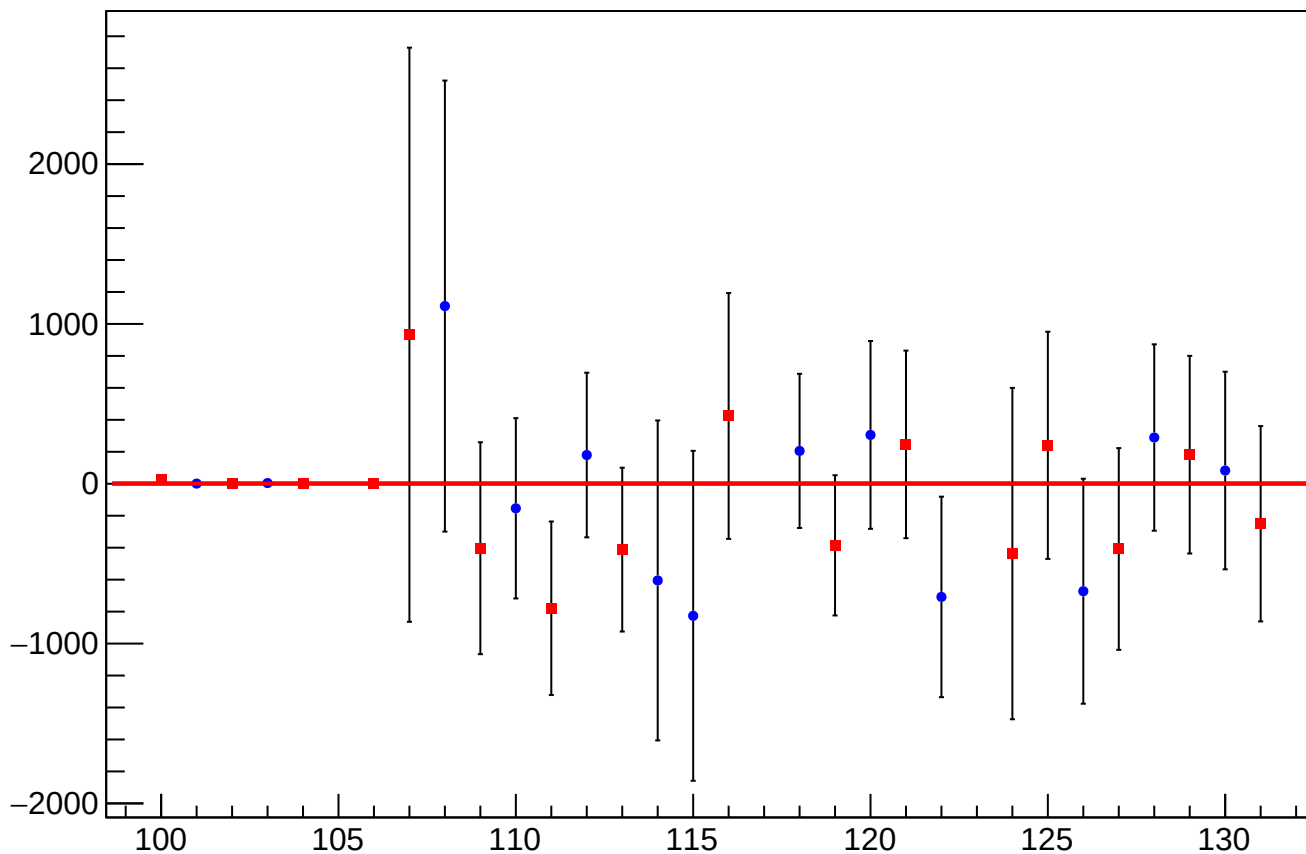
Right: 182.483+/-0.048 χ^2/NDF : 8168404.0/28

In: 190.037+/-0.073 χ^2/NDF :3870202.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.483+/-0.048 χ^2/NDF : 8168404.0/28

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.441 $\pm$ 1.660 χ^2 /NDF: 5.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.098 $\pm$ 1.528 χ^2 /NDF: 8.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

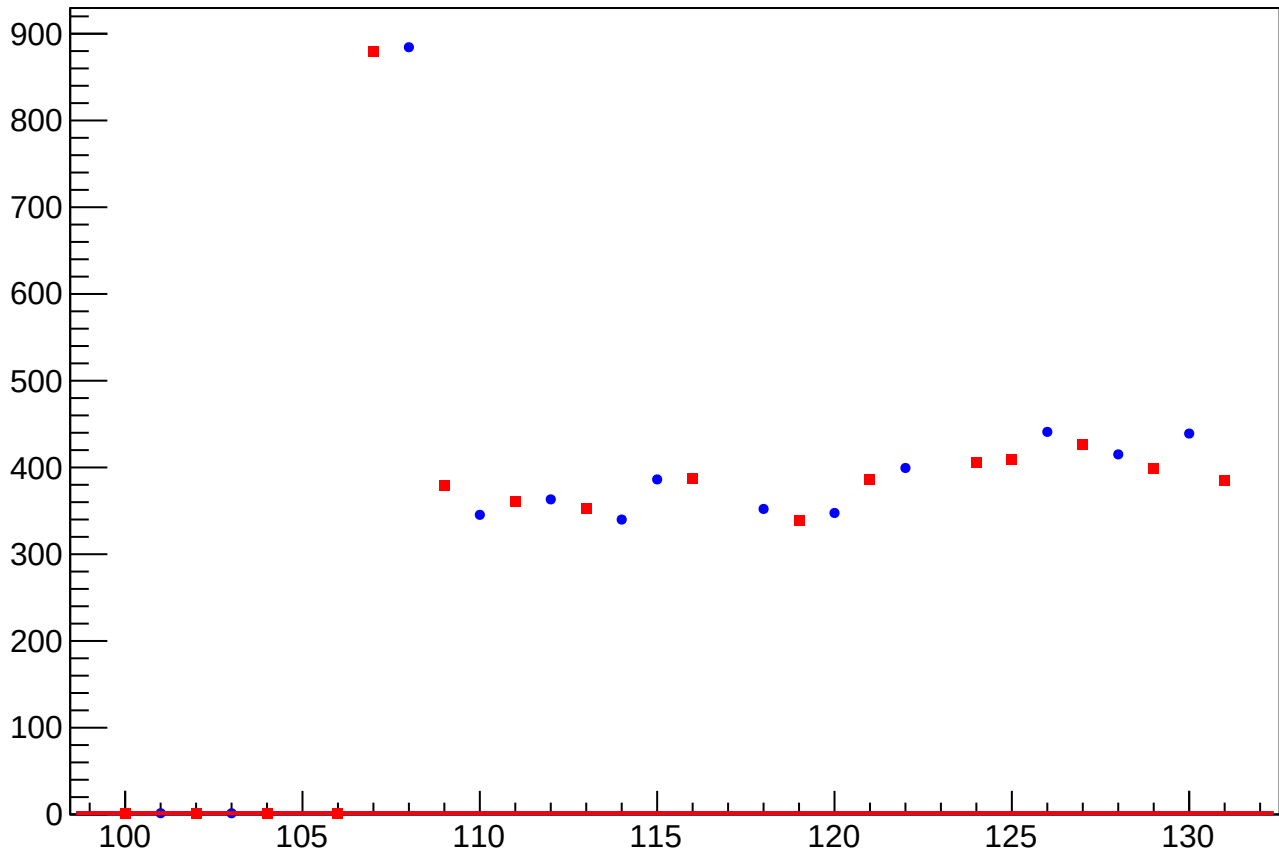
Right: 1.255 $\pm$ 1.124 χ^2 /NDF: 13.3/28

In: 1.441 $\pm$ 1.660 χ^2 /NDF:5.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.255 $\pm$ 1.124 χ^2 /NDF: 13.3/28

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.458+/-0.001 χ^2/NDF : 8365271.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.460+/-0.001 χ^2/NDF : 8967778.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

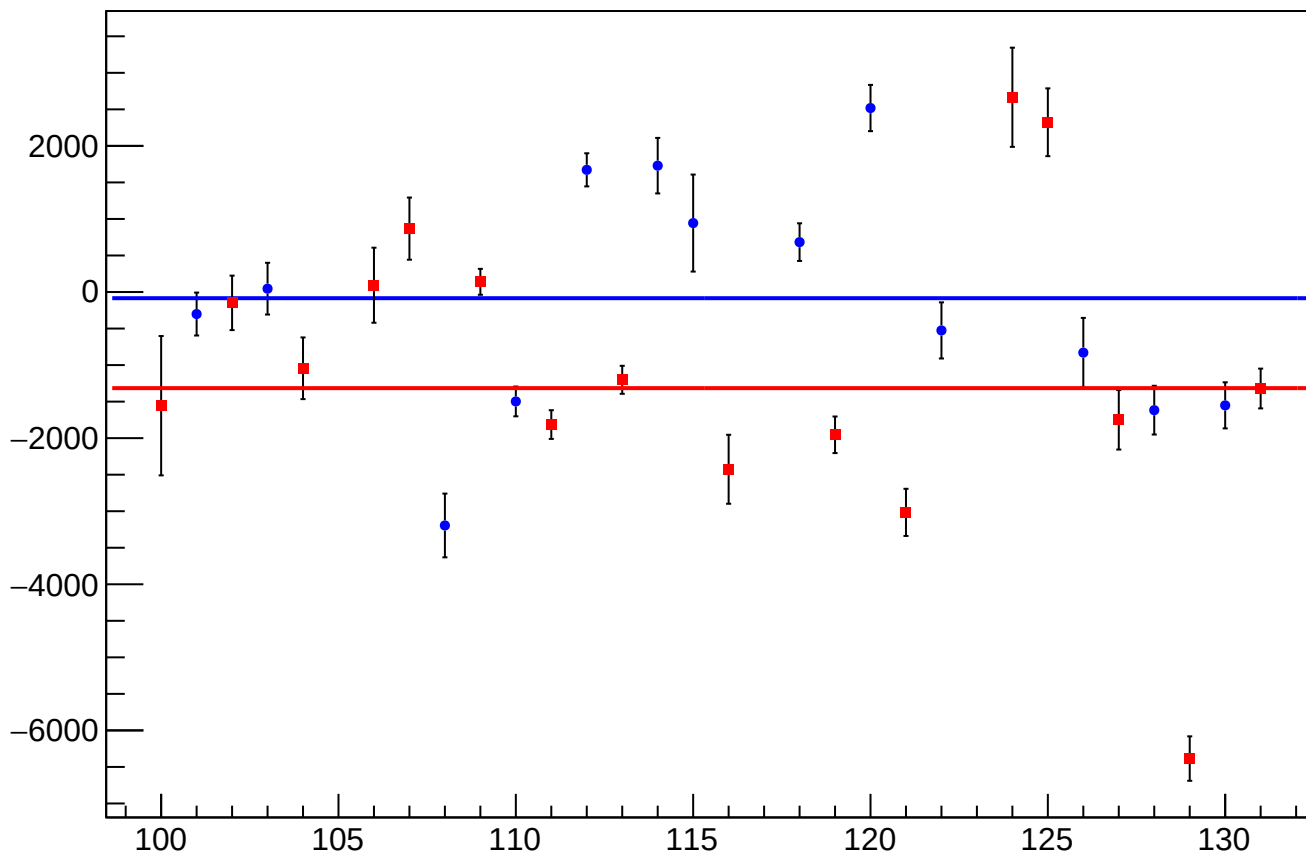
Right: 1.459+/-0.001 χ^2/NDF : 17333051.9/28

In: 1.458+/-0.001 χ^2/NDF :8365271.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.459+/-0.001 χ^2/NDF : 17333051.9/28

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -84.538+/-86.757 χ^2/NDF : 307.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1315.479+/-75.526 χ^2/NDF : 532.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

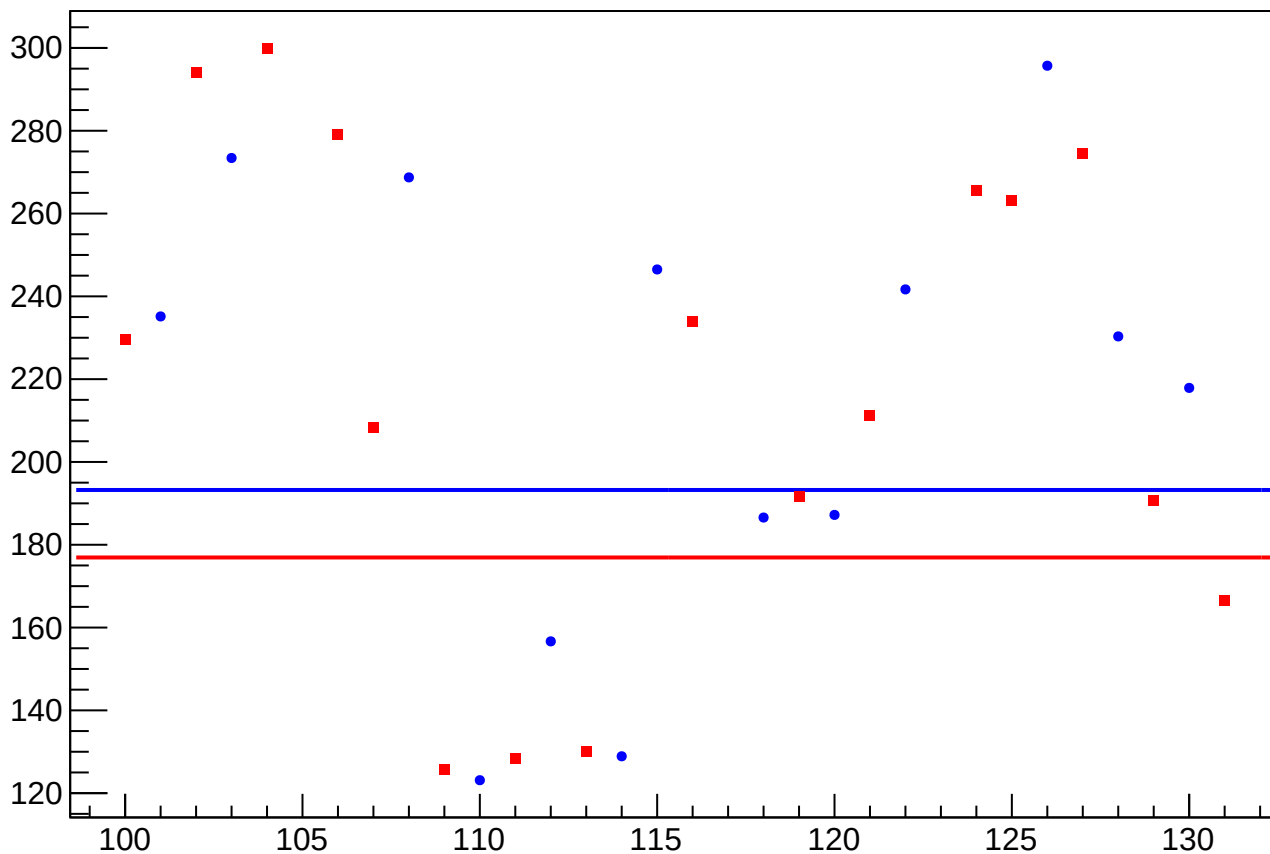
Right: -784.788+/-56.965 χ^2/NDF : 955.1/28

In: -84.538+/-86.757 χ^2/NDF : 307.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -784.788+/-56.965 χ^2/NDF : 955.1/28

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 193.231 $\pm$ 0.061 χ^2 /NDF: 725856.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.928 $\pm$ 0.053 χ^2 /NDF: 1156167.6/15

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

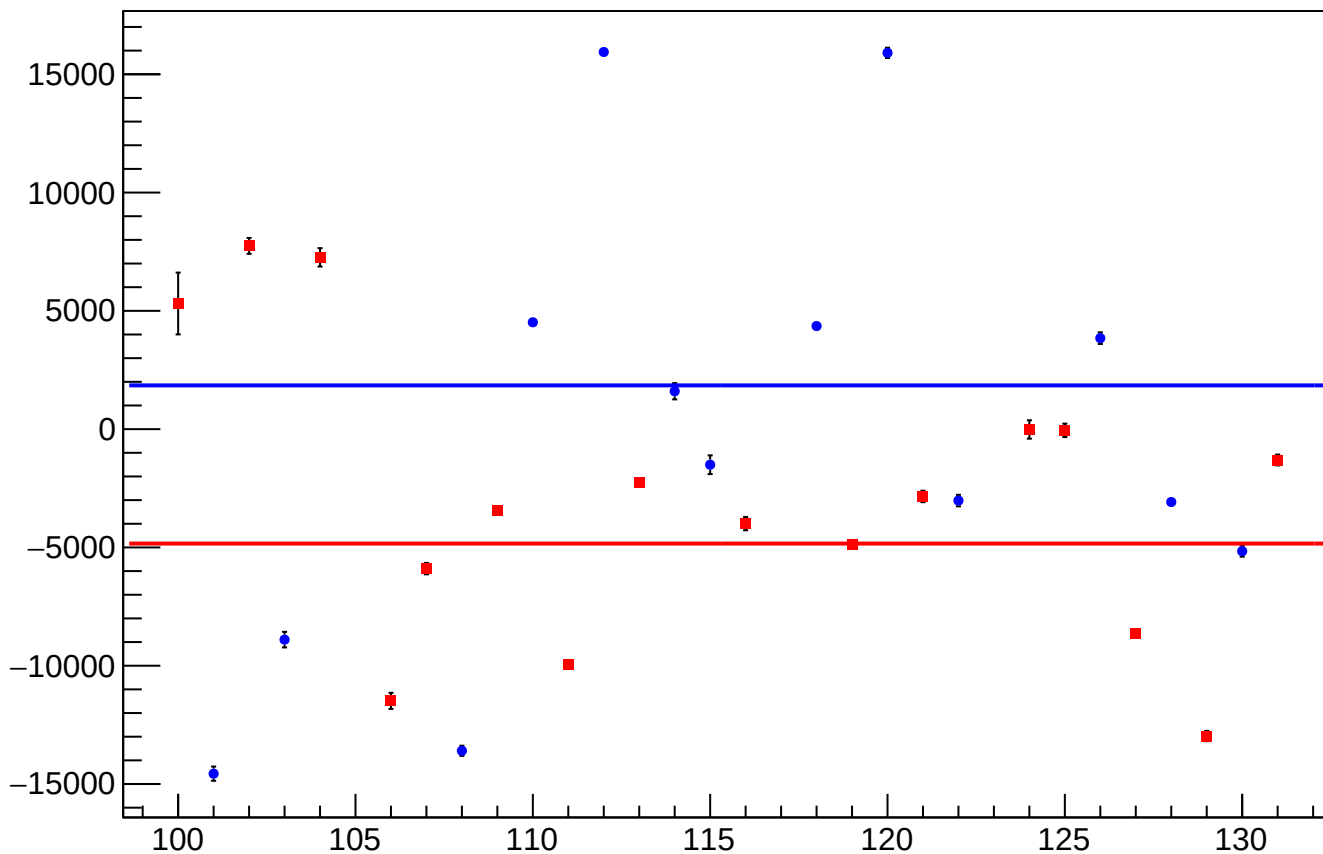
Right: 183.957 $\pm$ 0.040 χ^2 /NDF: 1922199.5/28

In: 193.231 $\pm$ 0.061 χ^2 /NDF:725856.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.957 $\pm$ 0.040 χ^2 /NDF: 1922199.5/28

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4836.010+/-57.250 χ^2/NDF : 6720.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

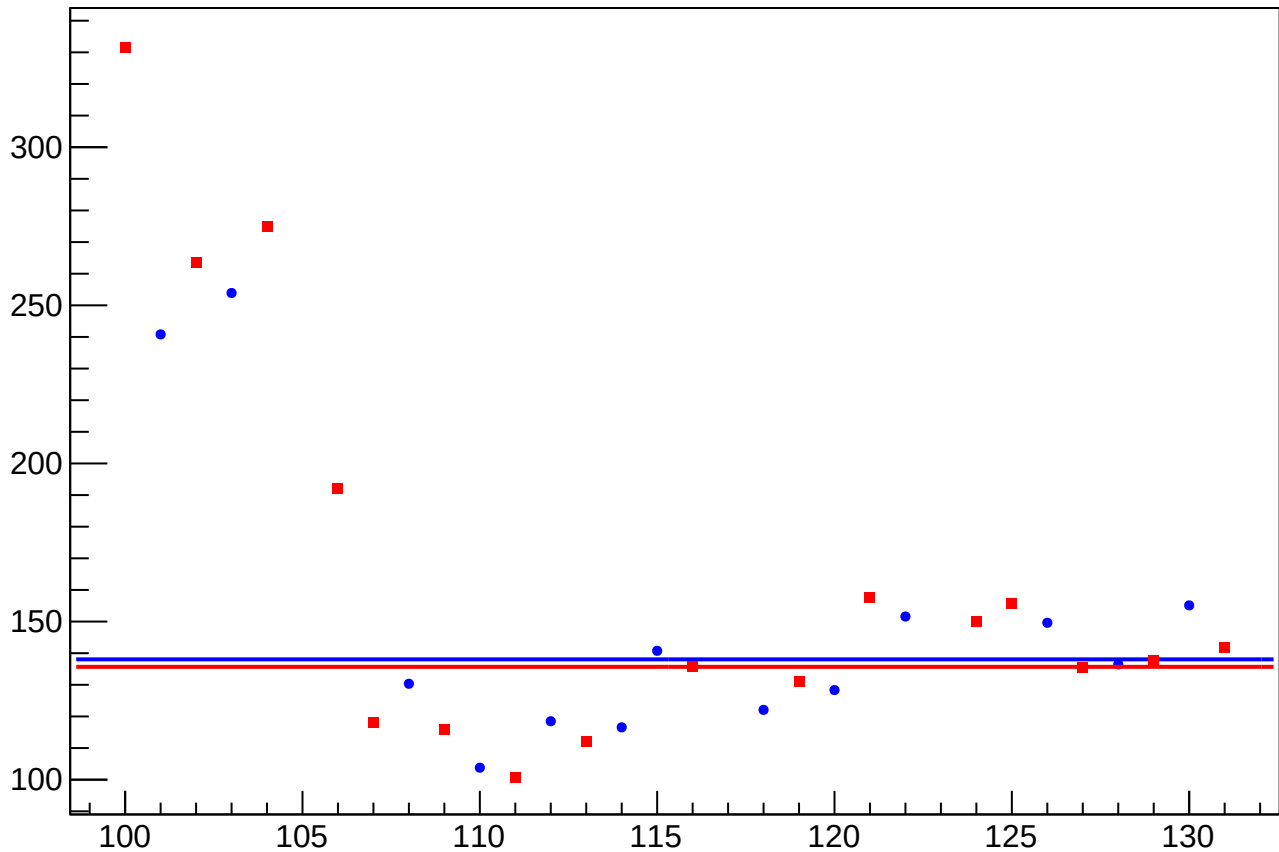
Right: -1775.281+/-42.155 χ^2/NDF : 35480.2/28

In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1775.281+/-42.155 χ^2/NDF : 35480.2/28

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.684+/-0.040 χ^2/NDF : 859108.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

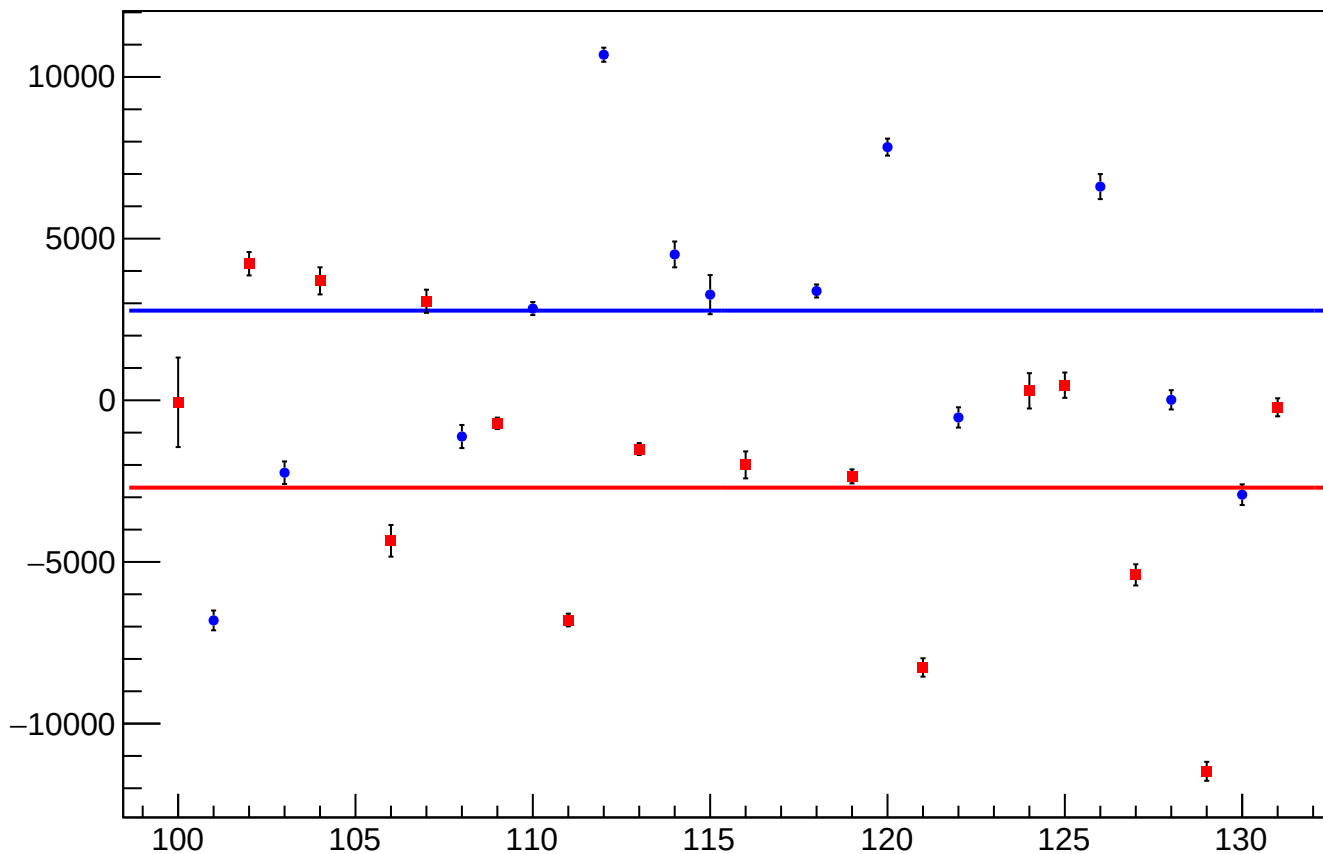
Right: 136.766+/-0.030 χ^2/NDF : 1498642.1/28

In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.766+/-0.030 χ^2/NDF : 1498642.1/28

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2773.738+/-79.378 χ^2/NDF : 3629.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2701.594+/-71.330 χ^2/NDF : 3004.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

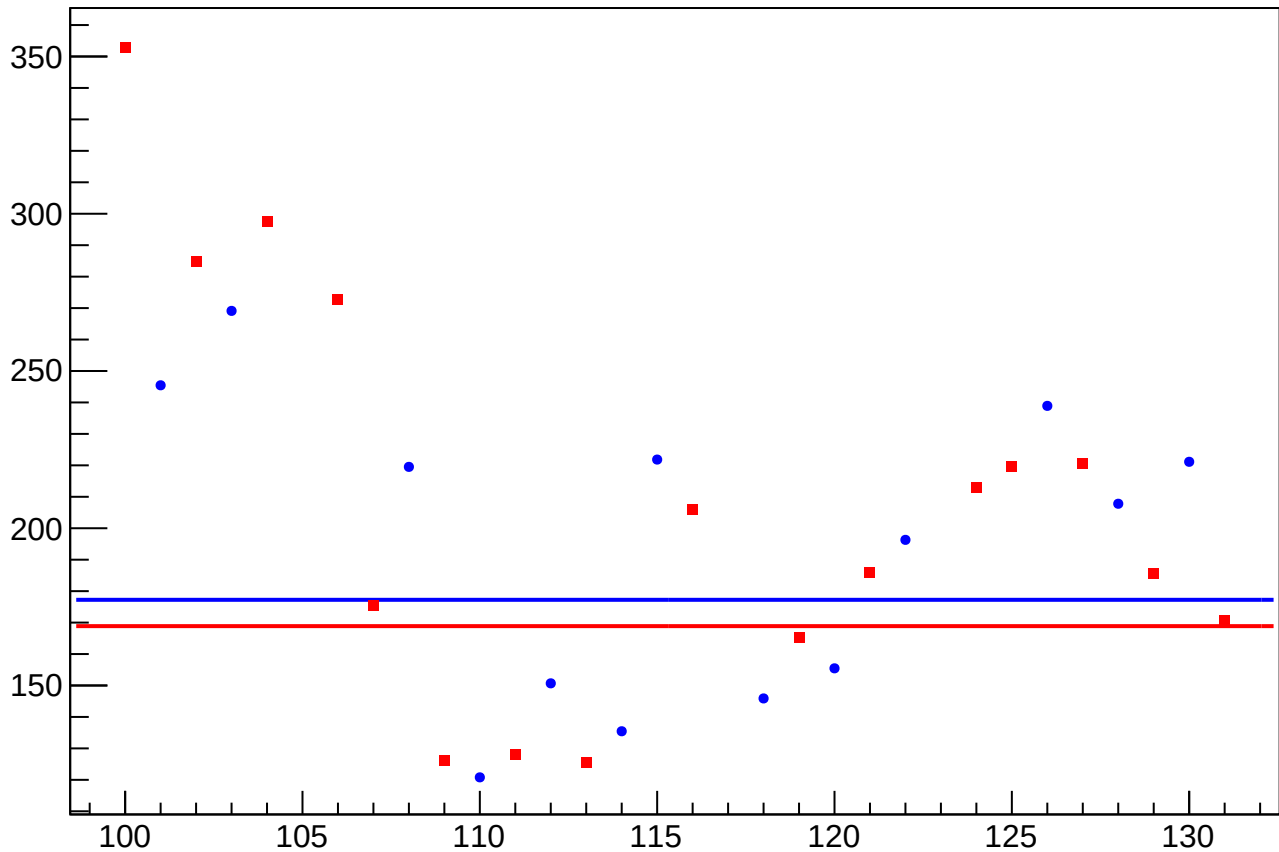
Right: -255.506+/-53.056 χ^2/NDF : 9266.3/28

In: 2773.738+/-79.378 χ^2/NDF :3629.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -255.506+/-53.056 χ^2/NDF : 9266.3/28

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.874+/-0.050 χ^2/NDF : 963175.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

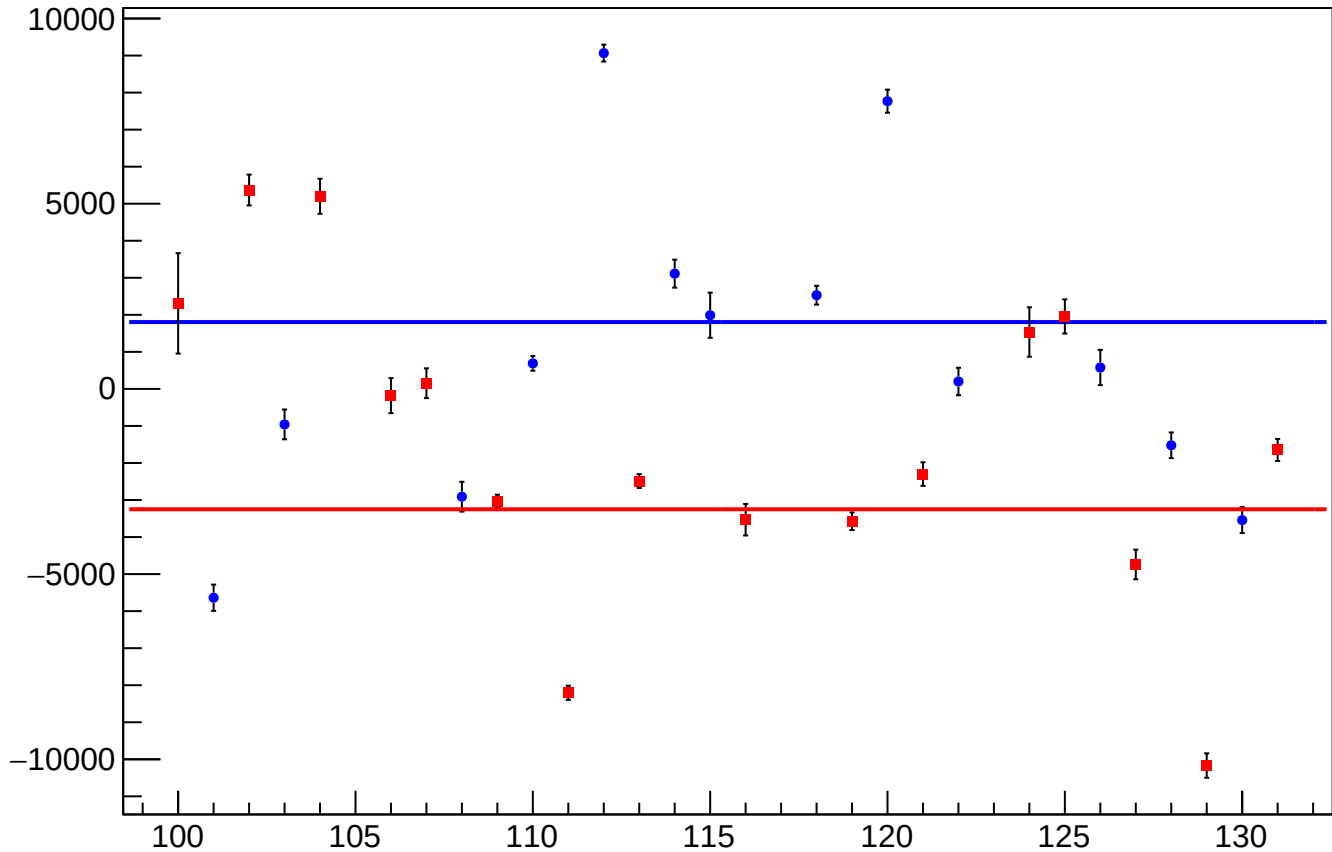
Right: 172.613+/-0.038 χ^2/NDF : 1641594.0/28

In: 177.244+/-0.056 χ^2/NDF :666115.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.613+/-0.038 χ^2/NDF : 1641594.0/28

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1804.419+/-88.255 χ^2/NDF : 2408.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3249.843+/-75.678 χ^2/NDF : 2243.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

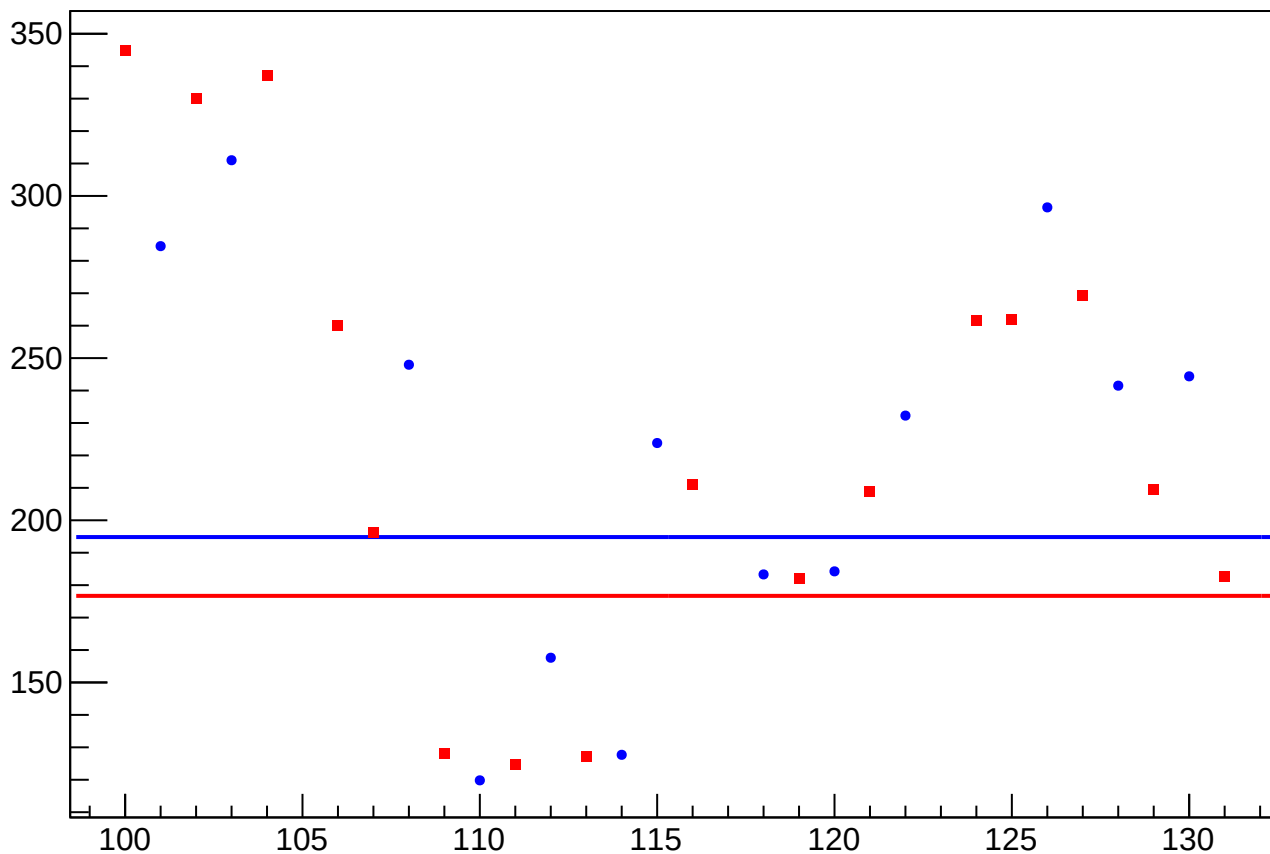
Right: -1108.203+/-57.449 χ^2/NDF : 6541.9/28

In: 1804.419+/-88.255 χ^2/NDF :2408.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1108.203+/-57.449 χ^2/NDF : 6541.9/28

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.698+/-0.054 χ^2/NDF : 1295552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

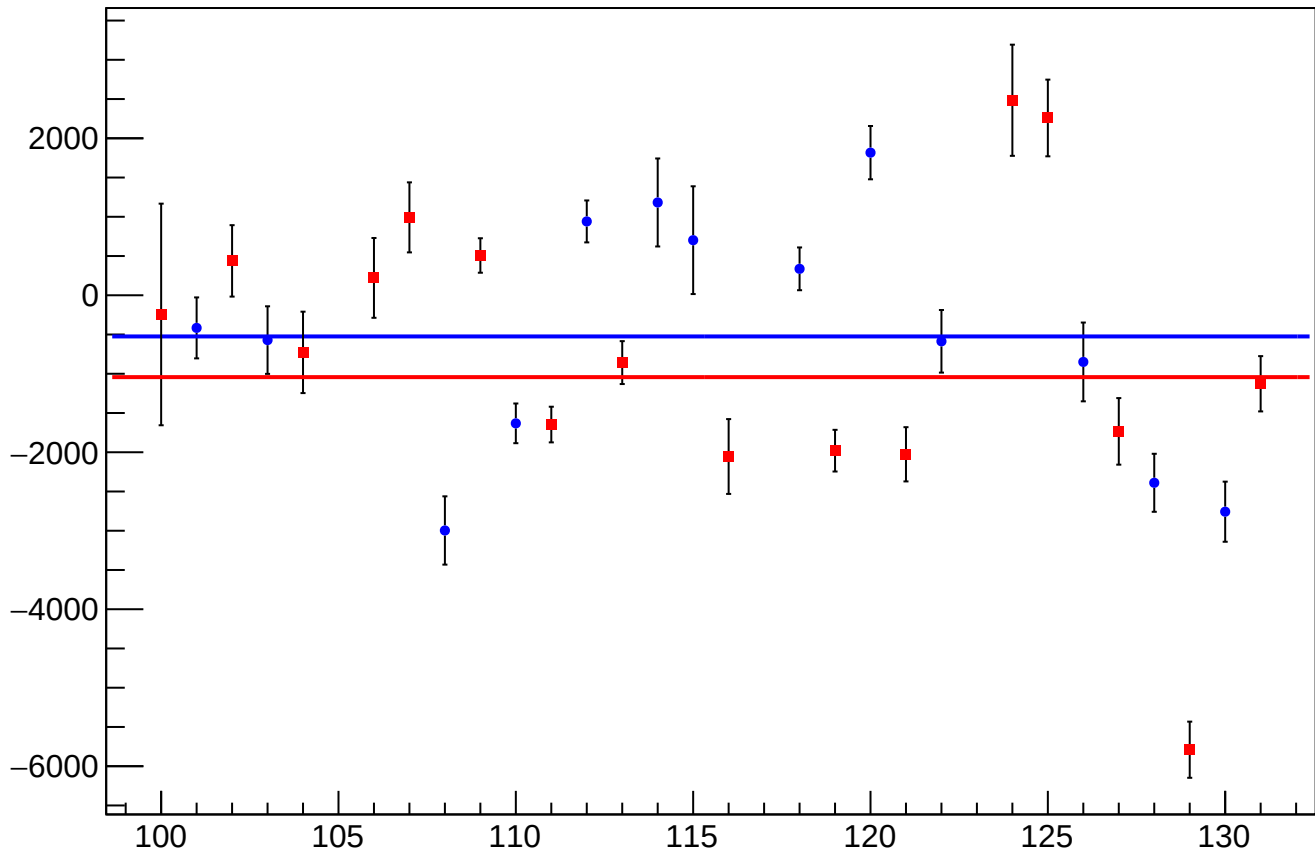
Right: 184.380+/-0.041 χ^2/NDF : 2271432.6/28

In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.380+/-0.041 χ^2/NDF : 2271432.6/28

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1042.906+/-89.073 χ^2/NDF : 369.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

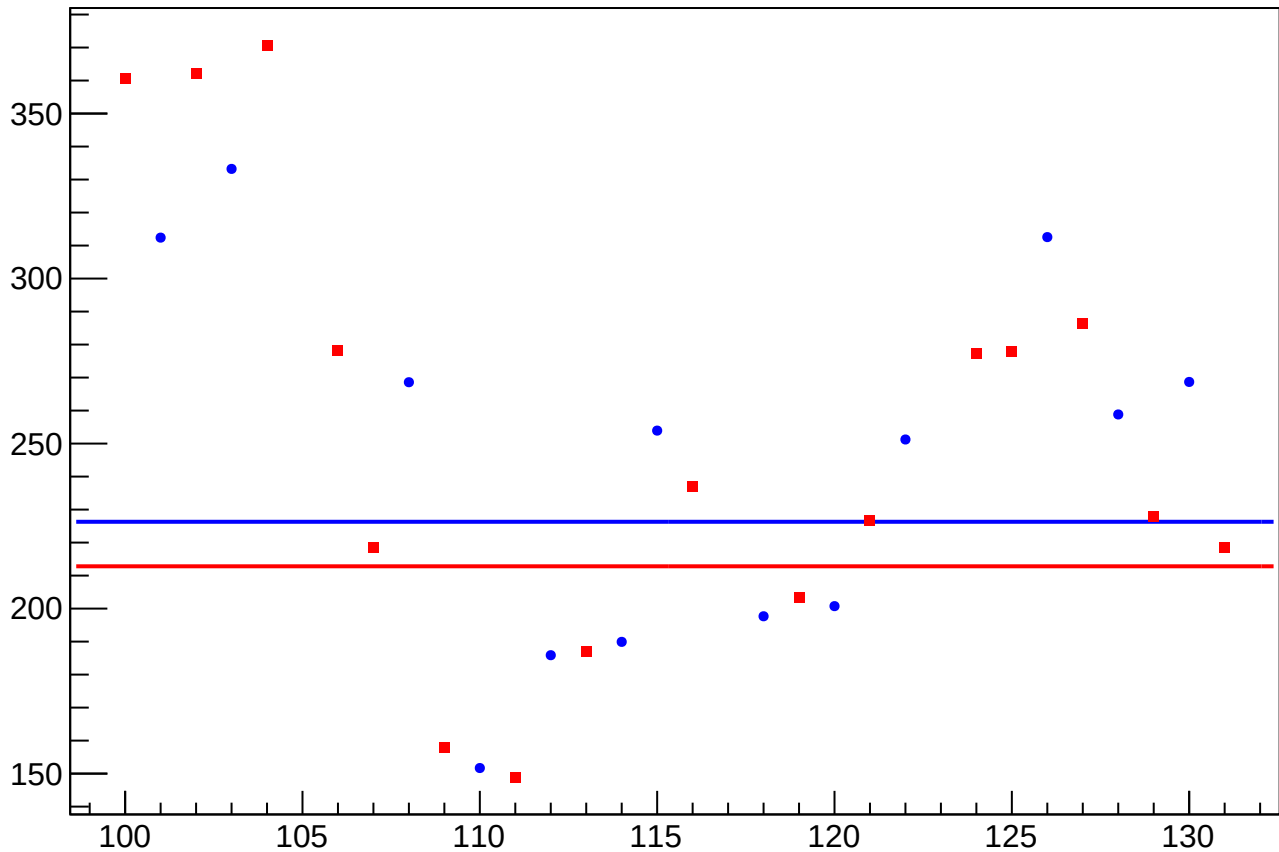
Right: -815.118+/-66.691 χ^2/NDF : 596.3/28

In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.118+/-66.691 χ^2/NDF : 596.3/28

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 226.306 $\pm$ 0.071 χ^2 /NDF: 612389.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 212.815 $\pm$ 0.063 χ^2 /NDF: 883149.6/15

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

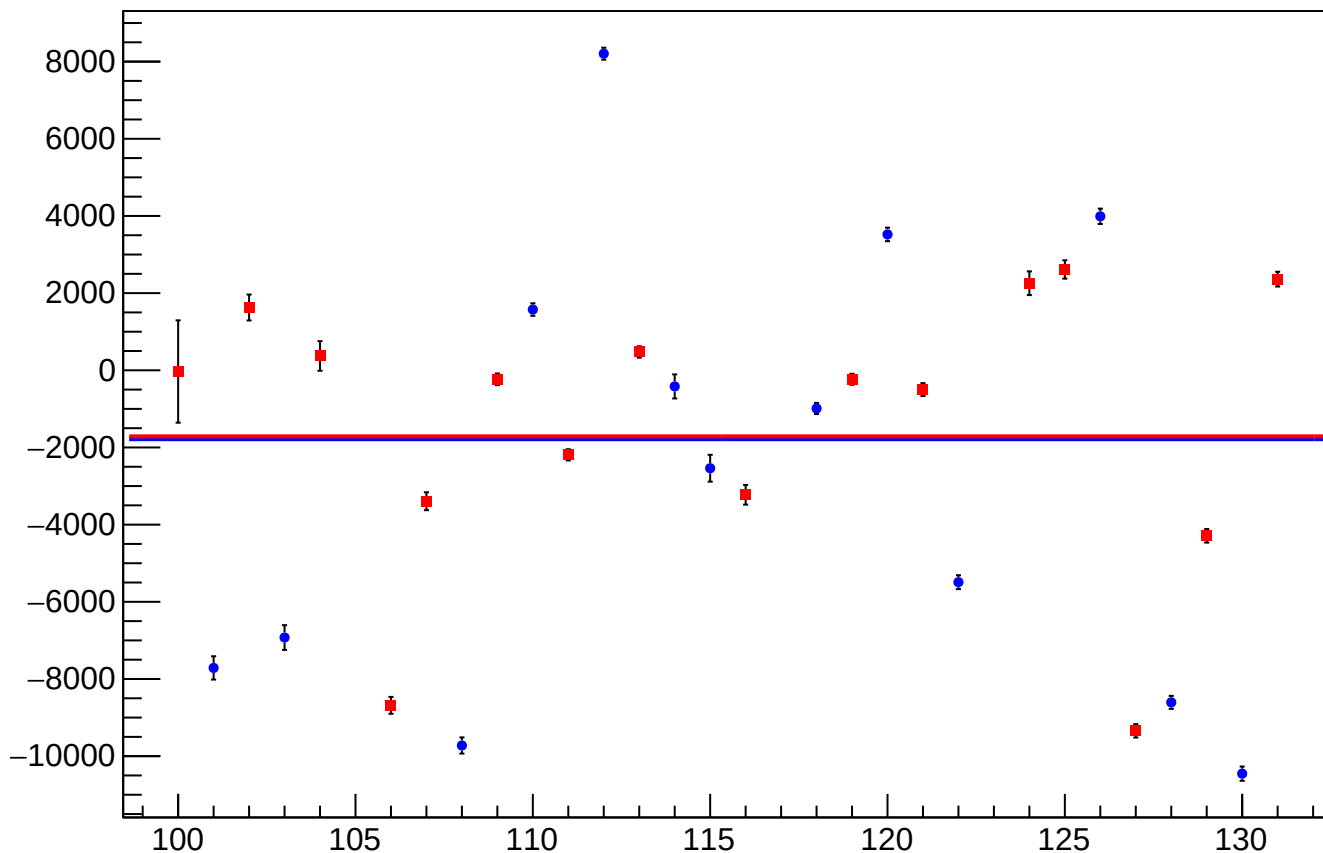
Right: 218.743 $\pm$ 0.047 χ^2 /NDF: 1515697.9/28

In: 226.306 $\pm$ 0.071 χ^2 /NDF:612389.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 218.743 $\pm$ 0.047 χ^2 /NDF: 1515697.9/28

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1785.167+/-54.058 χ^2/NDF : 12688.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1711.874+/-49.059 χ^2/NDF : 4829.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

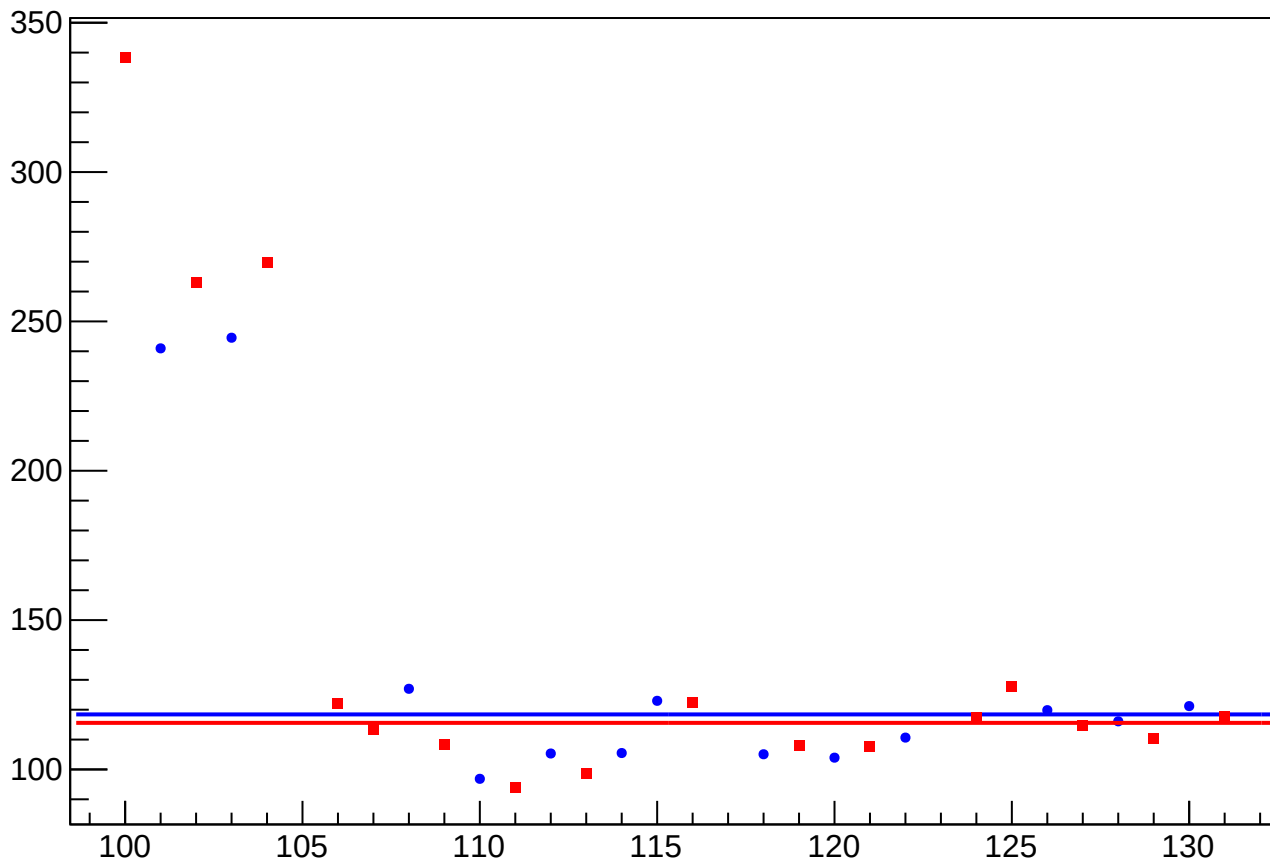
Right: -1744.975+/-36.329 χ^2/NDF : 17518.6/28

In: -1785.167+/-54.058 χ^2/NDF :12688.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1744.975+/-36.329 χ^2/NDF : 17518.6/28

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.424 $\pm$ 0.038 χ^2 /NDF: 731415.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.593 $\pm$ 0.035 χ^2 /NDF: 862455.5/15

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

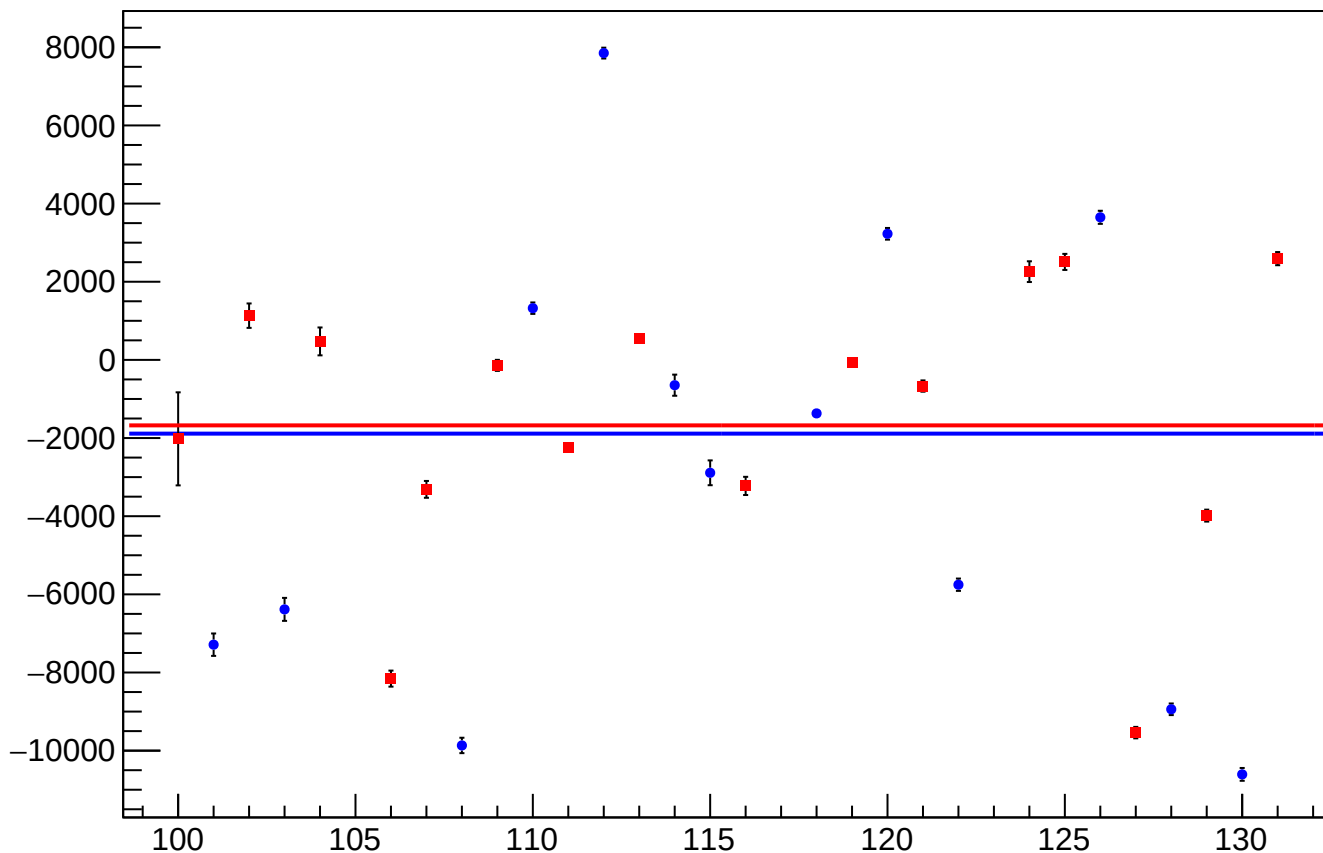
Right: 116.871 $\pm$ 0.026 χ^2 /NDF: 1596880.0/28

In: 118.424 $\pm$ 0.038 χ^2 /NDF:731415.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.871 $\pm$ 0.026 χ^2 /NDF: 1596880.0/28

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1887.093+/-47.801 χ^2/NDF : 15616.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1675.756+/-43.515 χ^2/NDF : 6240.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

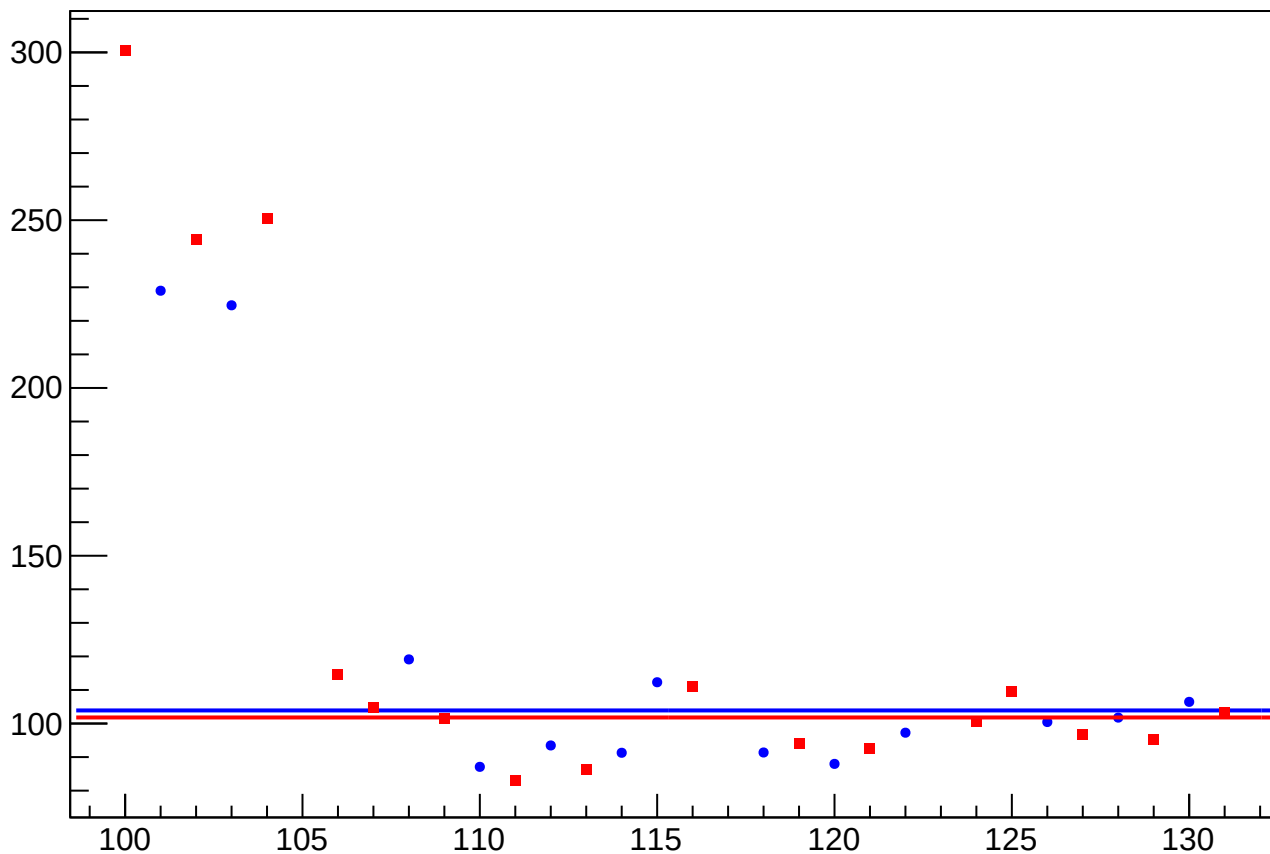
Right: -1771.526+/-32.178 χ^2/NDF : 21867.9/28

In: -1887.093+/-47.801 χ^2/NDF :15616.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1771.526+/-32.178 χ^2/NDF : 21867.9/28

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 103.902+/-0.034 χ^2/NDF : 820872.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.806+/-0.031 χ^2/NDF : 926543.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

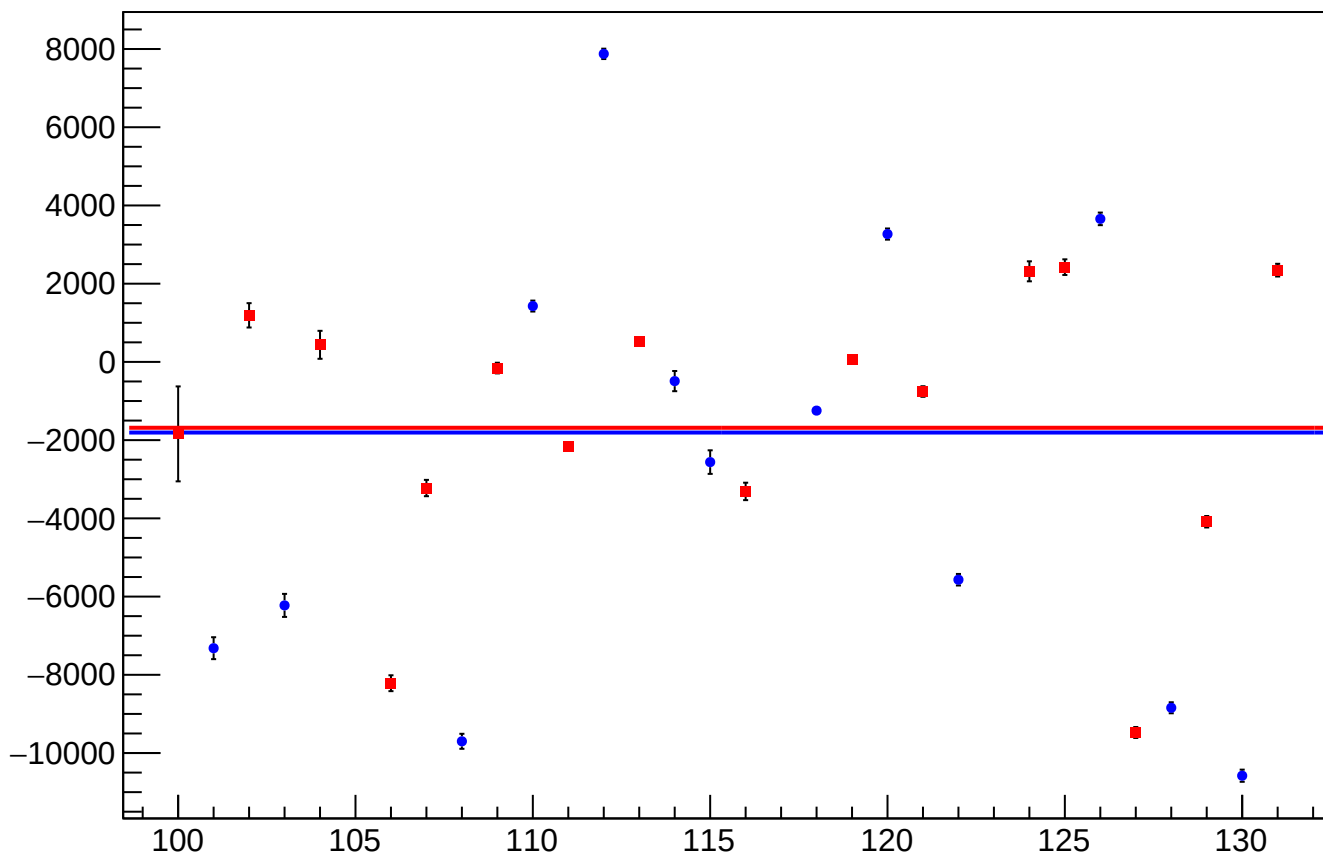
Right: 102.756+/-0.023 χ^2/NDF : 1749518.9/28

In: 103.902+/-0.034 χ^2/NDF : 820872.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.756+/-0.023 χ^2/NDF : 1749518.9/28

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1805.924+/-45.672 χ^2/NDF : 16961.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1683.778+/-41.570 χ^2/NDF : 6652.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

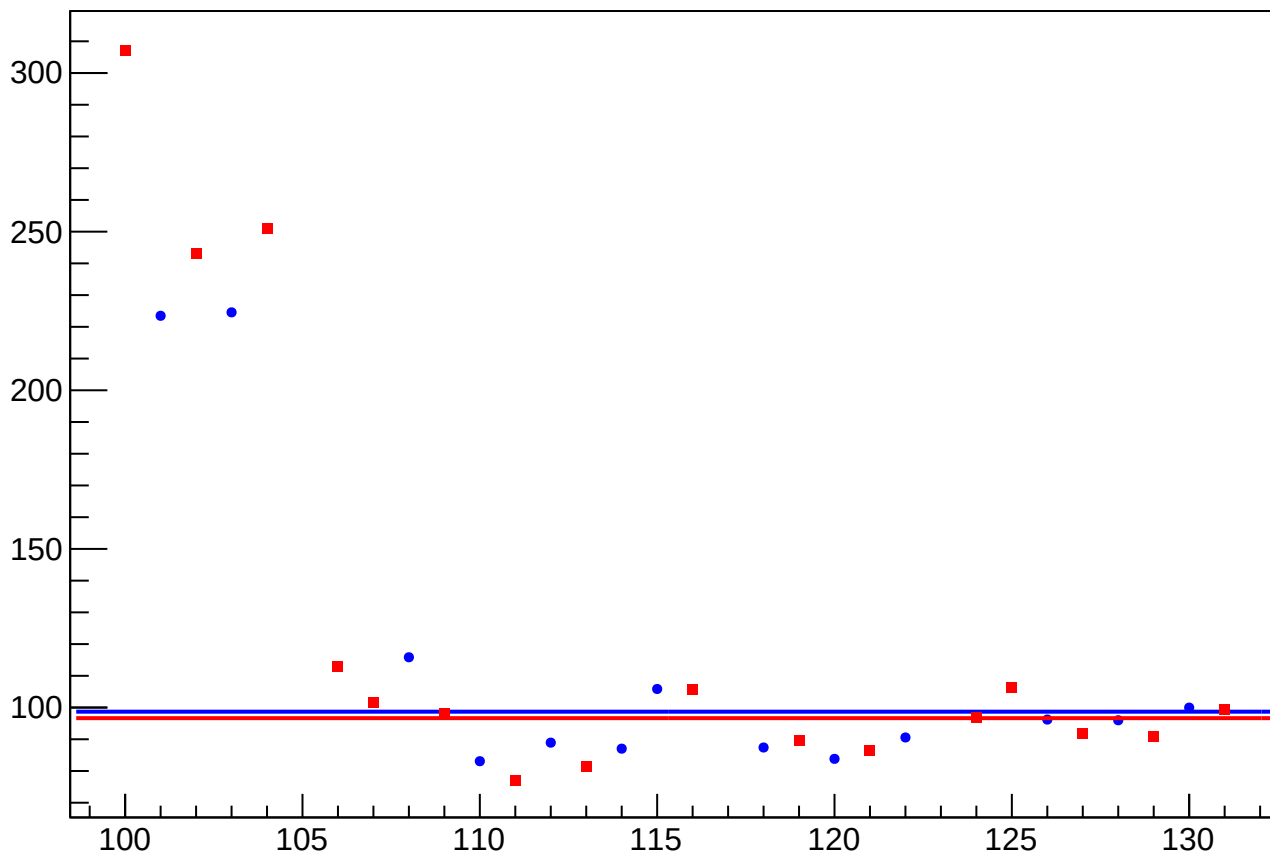
Right: -1739.121+/-30.743 χ^2/NDF : 23618.3/28

In: -1805.924+/-45.672 χ^2/NDF :16961.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1739.121+/-30.743 χ^2/NDF : 23618.3/28

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 98.697+/-0.032 χ^2/NDF : 865675.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.655+/-0.029 χ^2/NDF : 1008187.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

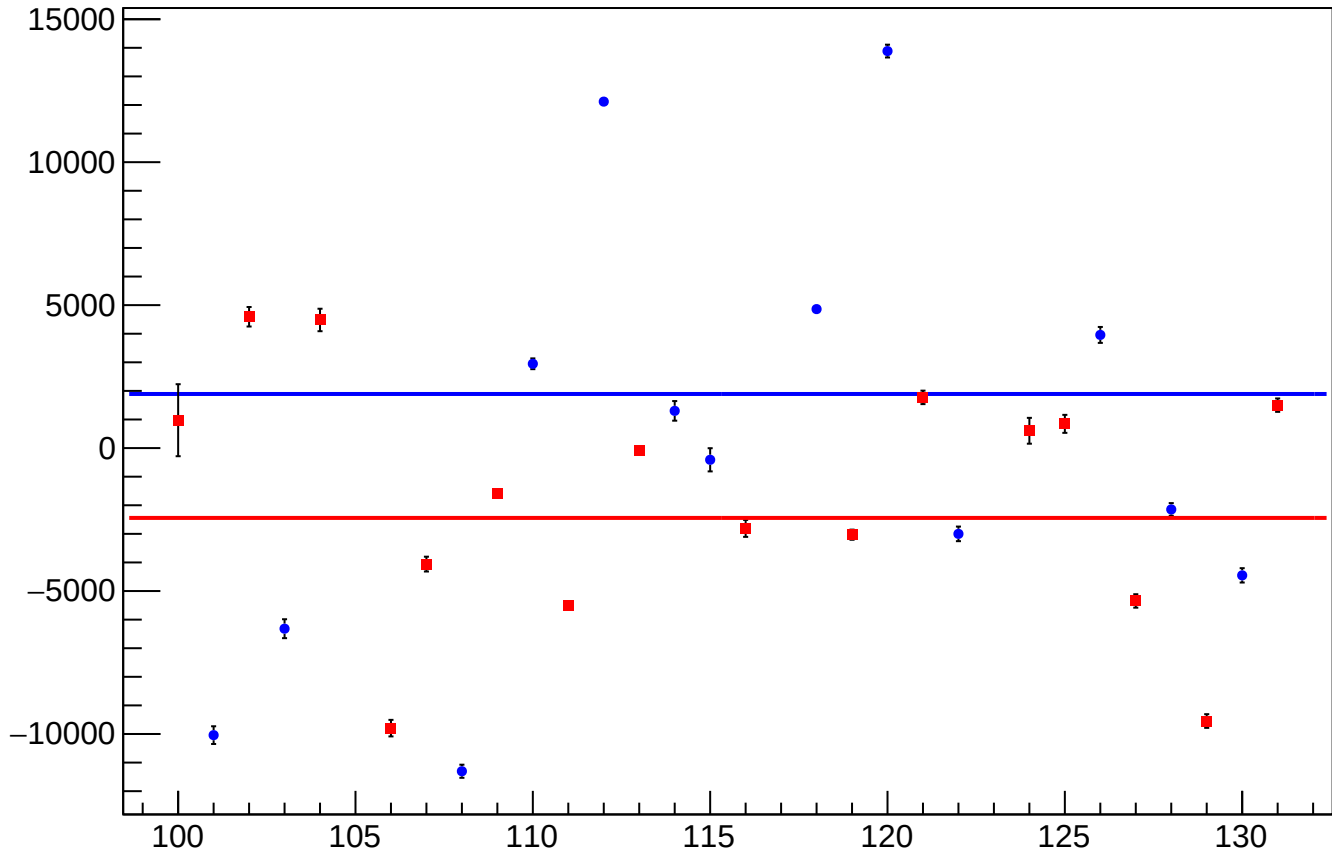
Right: 97.580+/-0.022 χ^2/NDF : 1876048.0/28

In: 98.697+/-0.032 χ^2/NDF : 865675.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.580+/-0.022 χ^2/NDF : 1876048.0/28

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 1892.340+/-65.639 χ^2/NDF : 13427.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2442.528+/-60.031 χ^2/NDF : 3783.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

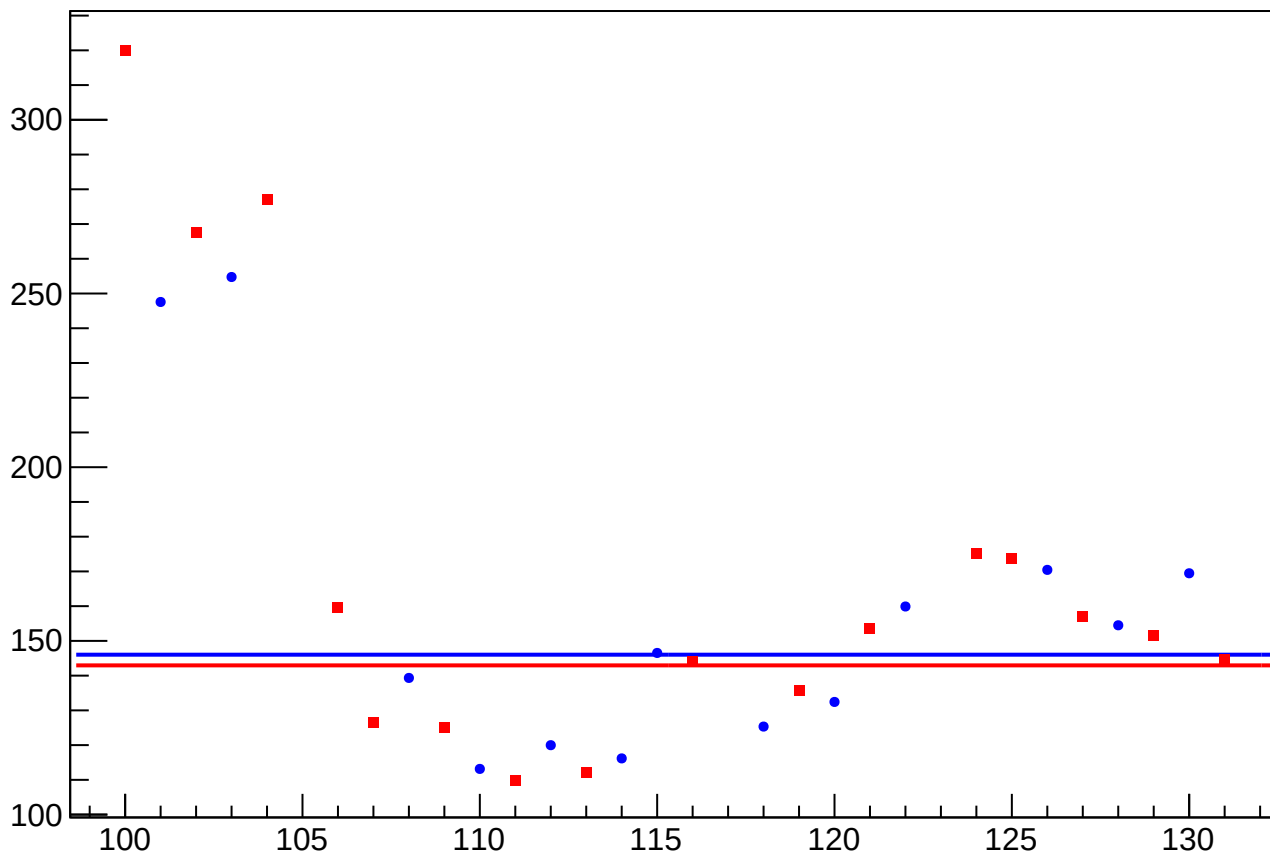
Right: -468.149+/-44.298 χ^2/NDF : 19586.2/28

In: 1892.340+/-65.639 χ^2/NDF :13427.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -468.149+/-44.298 χ^2/NDF : 19586.2/28

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 146.028+/-0.046 χ^2/NDF : 630582.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.953+/-0.042 χ^2/NDF : 766285.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

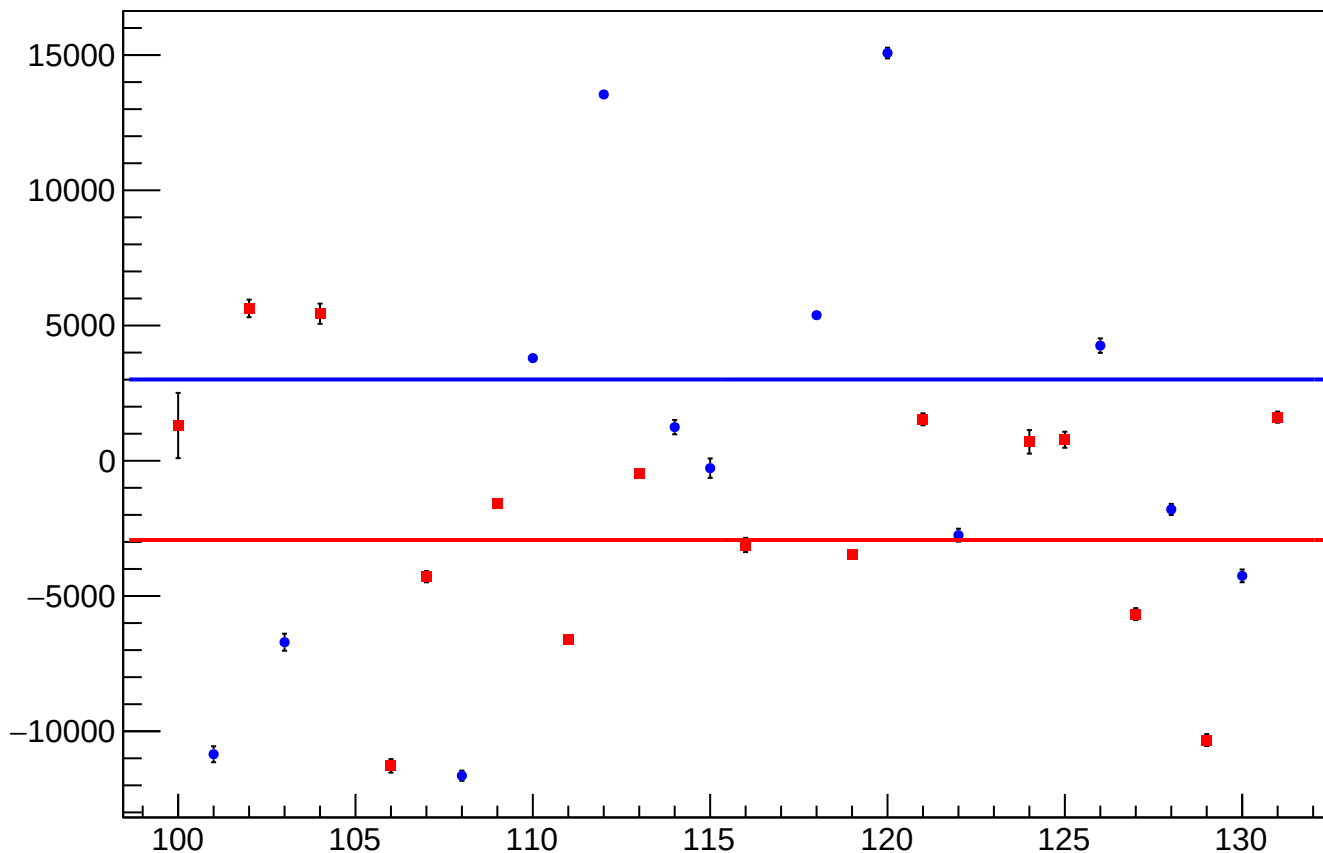
Right: 144.353+/-0.031 χ^2/NDF : 1399257.8/28

In: 146.028+/-0.046 χ^2/NDF : 630582.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.353+/-0.031 χ^2/NDF : 1399257.8/28

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3005.777+/-55.608 χ^2/NDF : 21555.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2928.577+/-50.018 χ^2/NDF : 6160.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

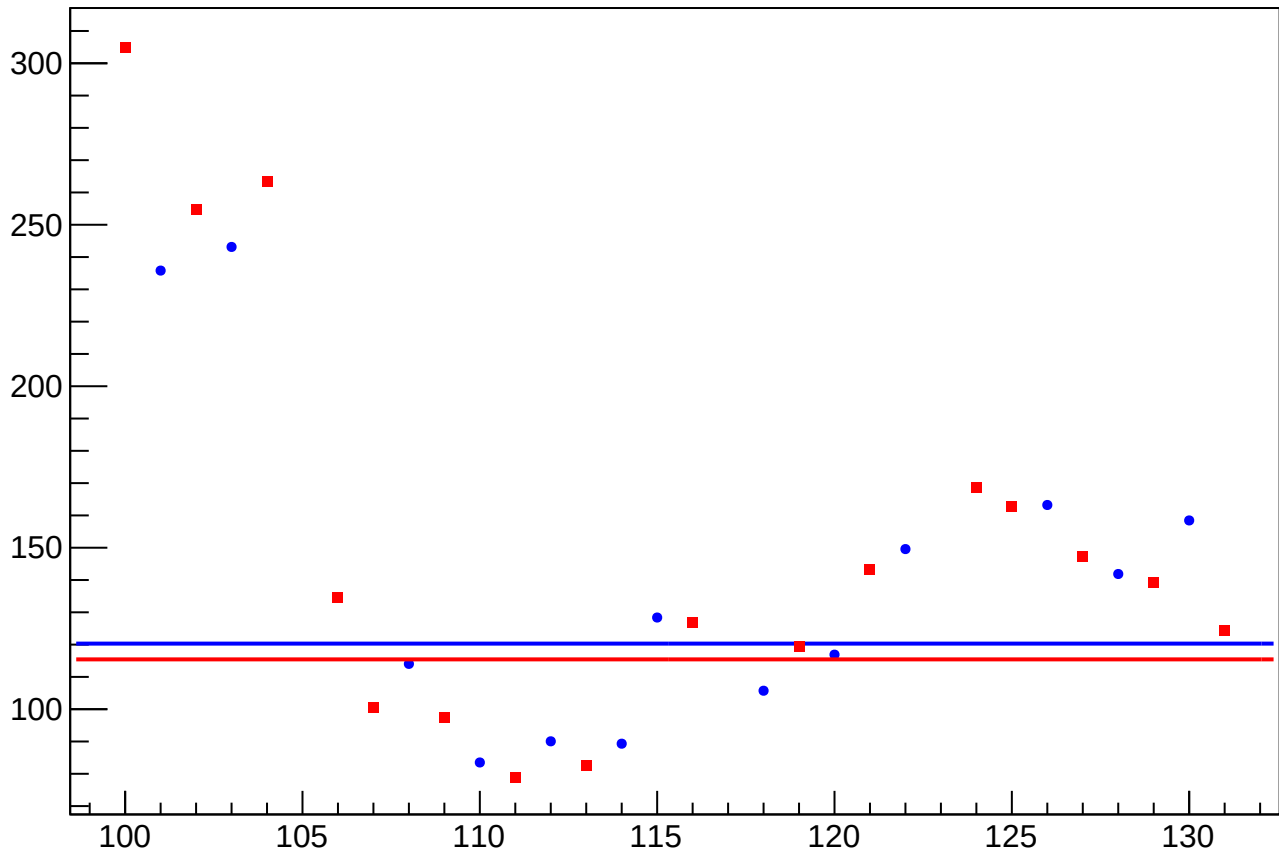
Right: -274.579+/-37.188 χ^2/NDF : 34011.8/28

In: 3005.777+/-55.608 χ^2/NDF : 21555.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.579+/-37.188 χ^2/NDF : 34011.8/28

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 120.308+/-0.039 χ^2/NDF : 1052404.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.426+/-0.035 χ^2/NDF : 1289779.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

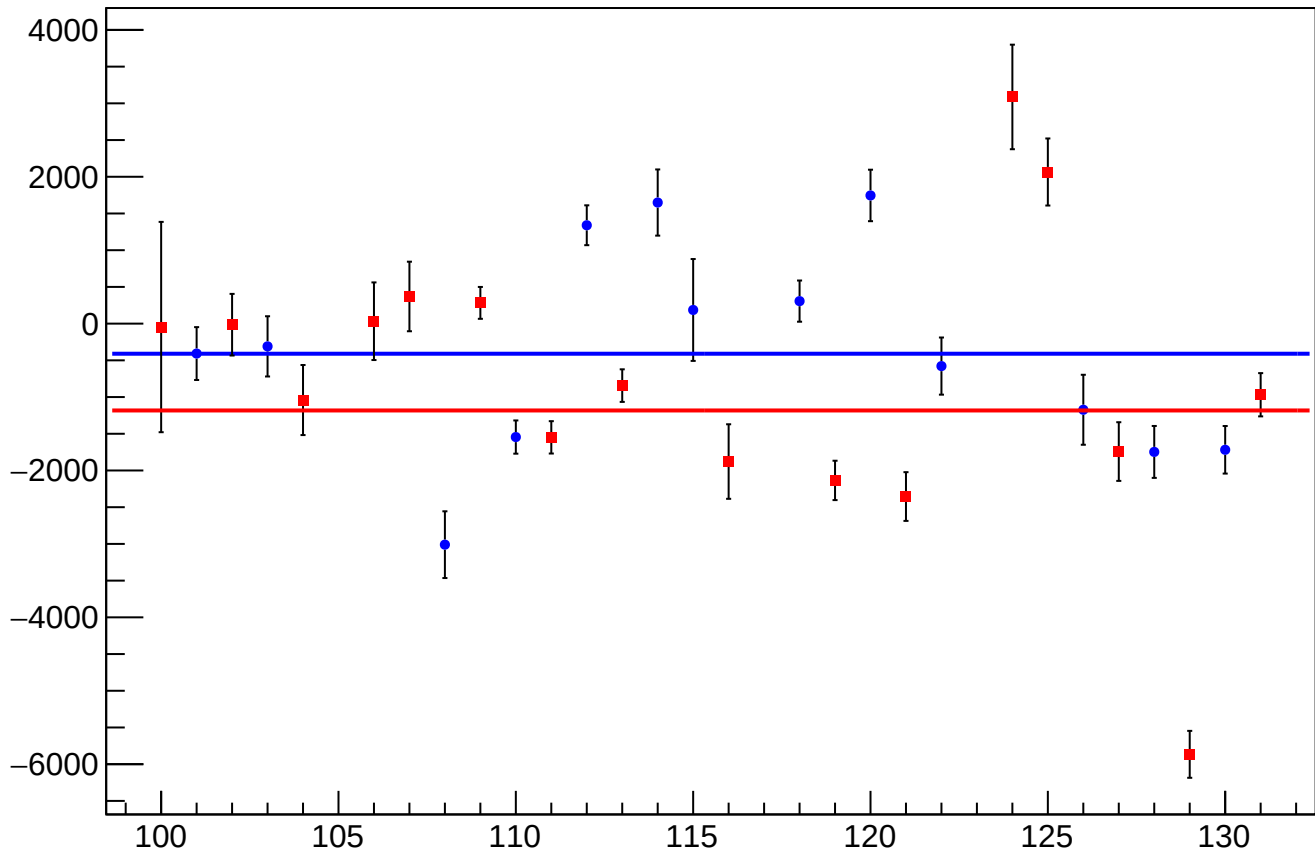
Right: 117.609+/-0.026 χ^2/NDF : 2350704.6/28

In: 120.308+/-0.039 χ^2/NDF : 1052404.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.609+/-0.026 χ^2/NDF : 2350704.6/28

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -409.948+/-96.230 χ^2/NDF : 198.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1182.608+/-83.928 χ^2/NDF : 406.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

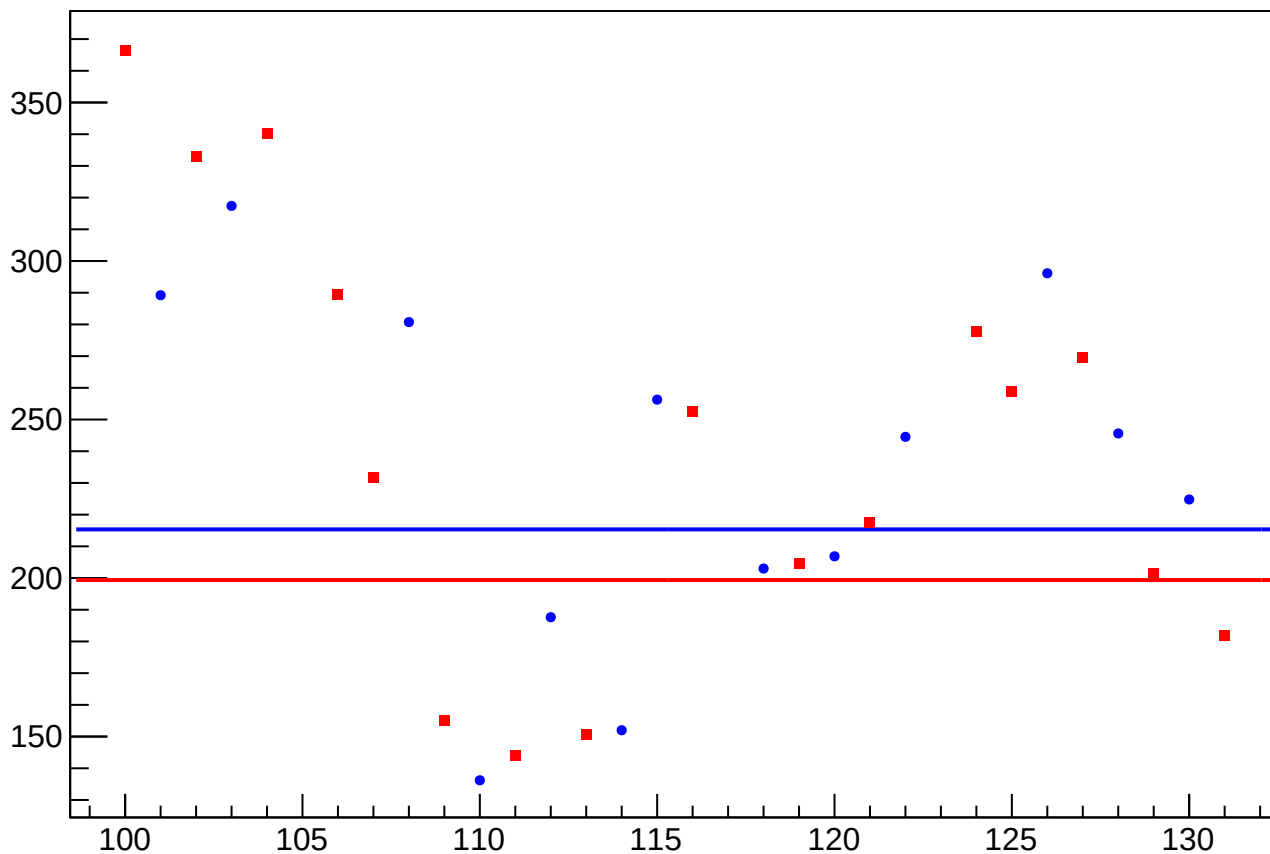
Right: -848.794+/-63.251 χ^2/NDF : 641.4/28

In: -409.948+/-96.230 χ^2/NDF : 198.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -848.794+/-63.251 χ^2/NDF : 641.4/28

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 215.350+/-0.068 χ^2/NDF : 651402.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.367+/-0.059 χ^2/NDF : 932474.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

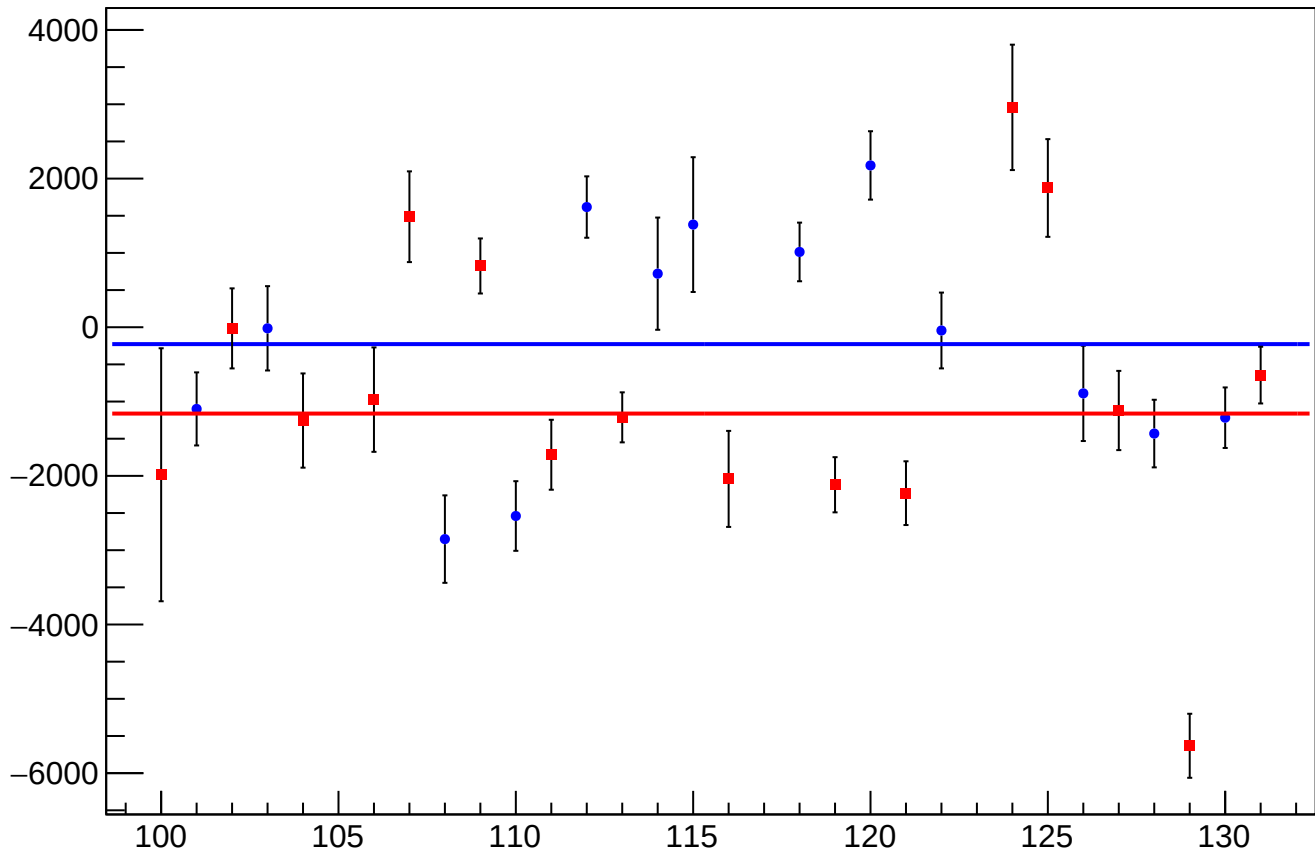
Right: 206.272+/-0.045 χ^2/NDF : 1615211.9/28

In: 215.350+/-0.068 χ^2/NDF : 651402.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.272+/-0.045 χ^2/NDF : 1615211.9/28

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -227.239+/-138.939 χ^2/NDF : 123.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1161.756+/-122.896 χ^2/NDF : 223.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

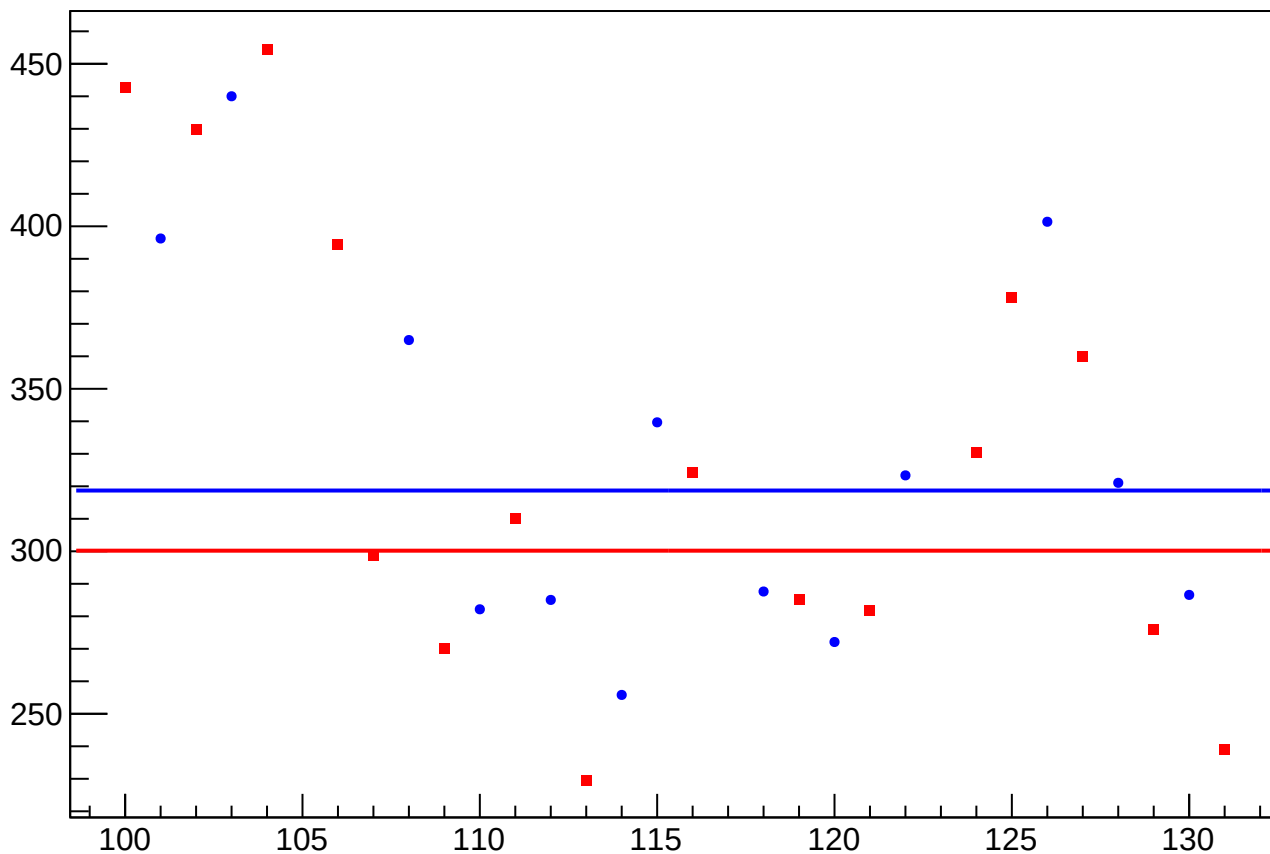
Right: -751.545+/-92.053 χ^2/NDF : 372.1/28

In: -227.239+/-138.939 χ^2/NDF :123.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -751.545+/-92.053 χ^2/NDF : 372.1/28

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 318.700+/-0.098 χ^2/NDF : 272825.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.192+/-0.087 χ^2/NDF : 509774.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

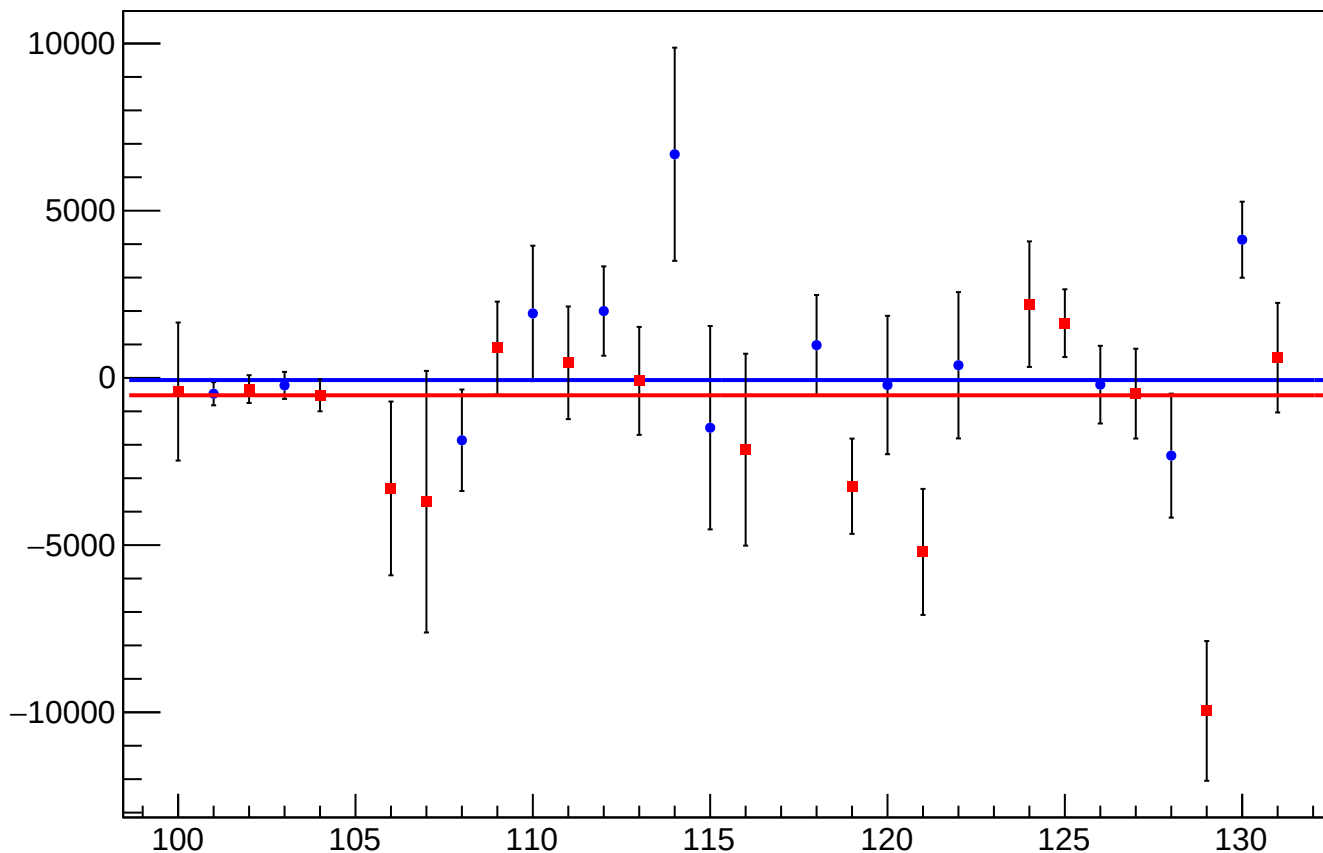
Right: 308.316+/-0.065 χ^2/NDF : 802508.6/28

In: 318.700+/-0.098 χ^2/NDF : 272825.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.316+/-0.065 χ^2/NDF : 802508.6/28

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -64.872 ± 231.759 $\chi^2/\text{NDF}: 26.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -519.208 ± 255.933 $\chi^2/\text{NDF}: 41.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

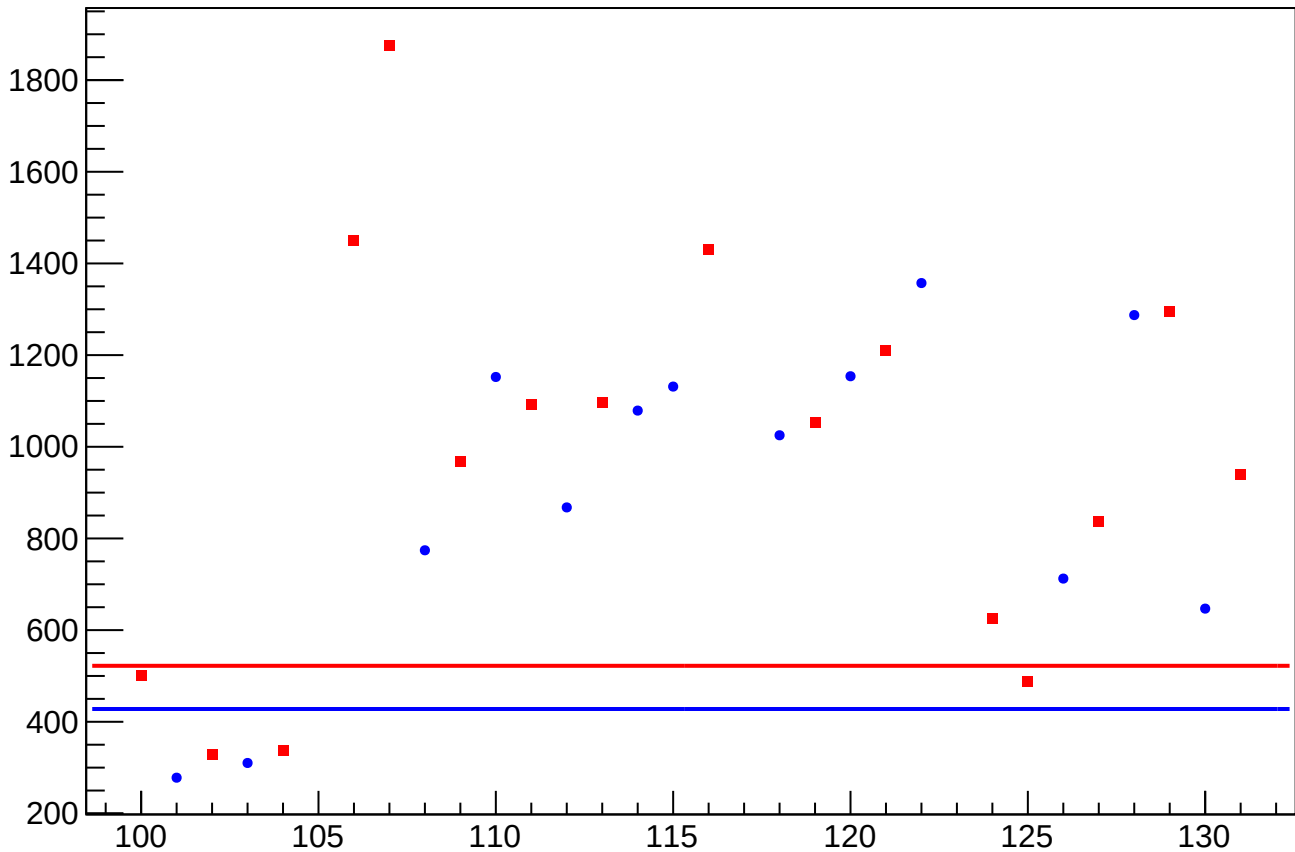
Right: -269.574 ± 171.791 $\chi^2/\text{NDF}: 69.5/28$

In: -64.872 ± 231.759 $\chi^2/\text{NDF}: 26.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -269.574 ± 171.791 $\chi^2/\text{NDF}: 69.5/28$

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.911+/-0.164 χ^2/NDF : 2860004.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 522.147+/-0.181 χ^2/NDF : 3182844.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

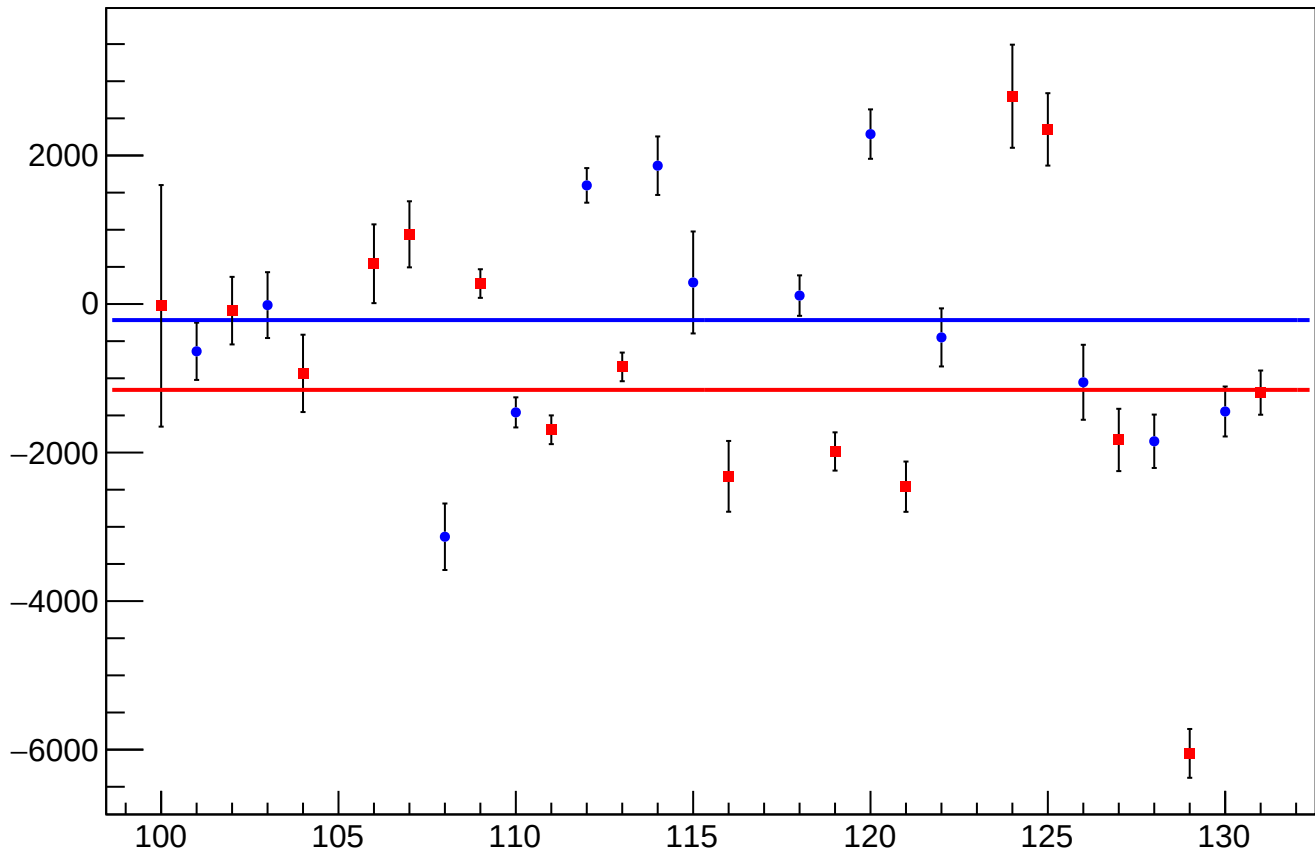
Right: 470.369+/-0.121 χ^2/NDF : 6191832.5/28

In: 427.911+/-0.164 χ^2/NDF :2860004.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 470.369+/-0.121 χ^2/NDF : 6191832.5/28

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -216.251+/-92.177 χ^2/NDF : 265.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.067+/-79.365 χ^2/NDF : 443.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

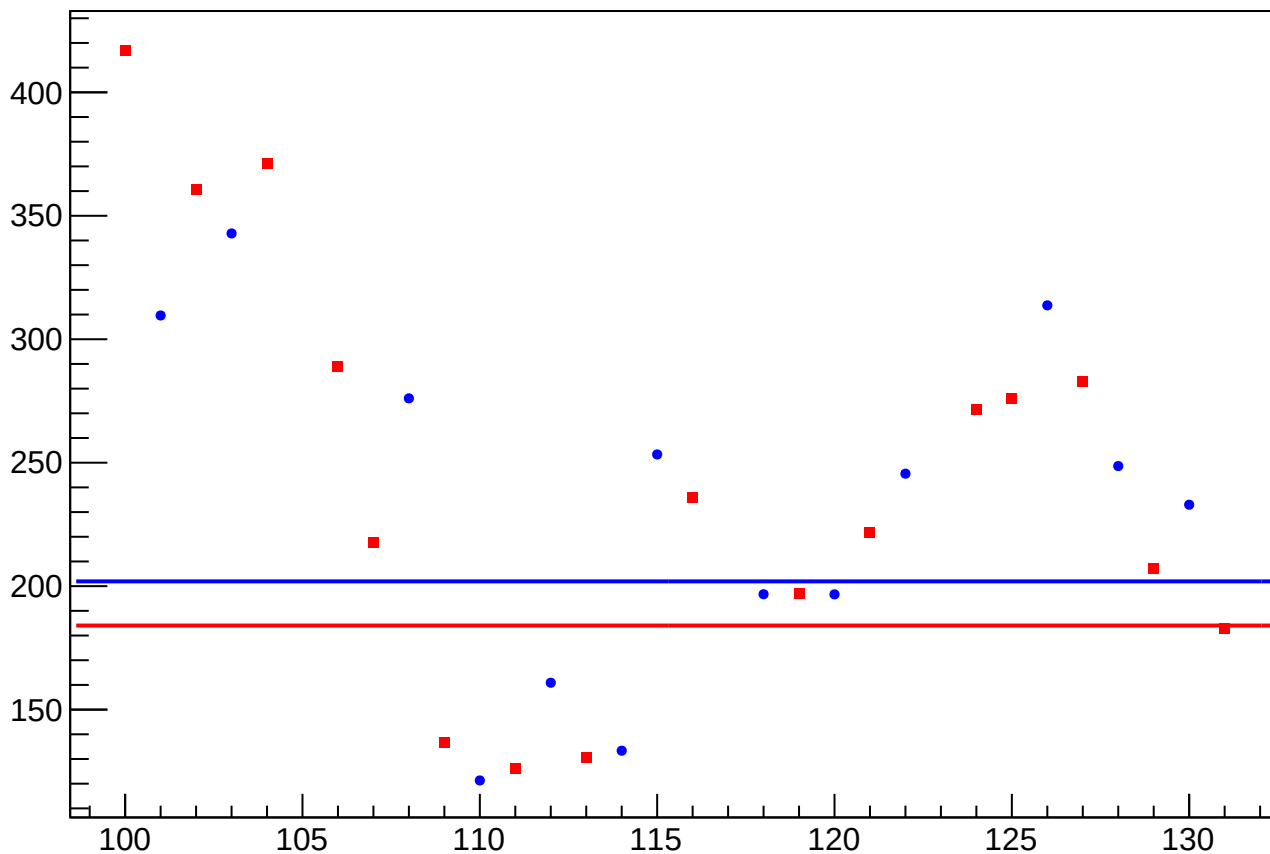
Right: -755.958+/-60.143 χ^2/NDF : 769.3/28

In: -216.251+/-92.177 χ^2/NDF : 265.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -755.958+/-60.143 χ^2/NDF : 769.3/28

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.933+/-0.065 χ^2/NDF : 1038518.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.046+/-0.056 χ^2/NDF : 1423331.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

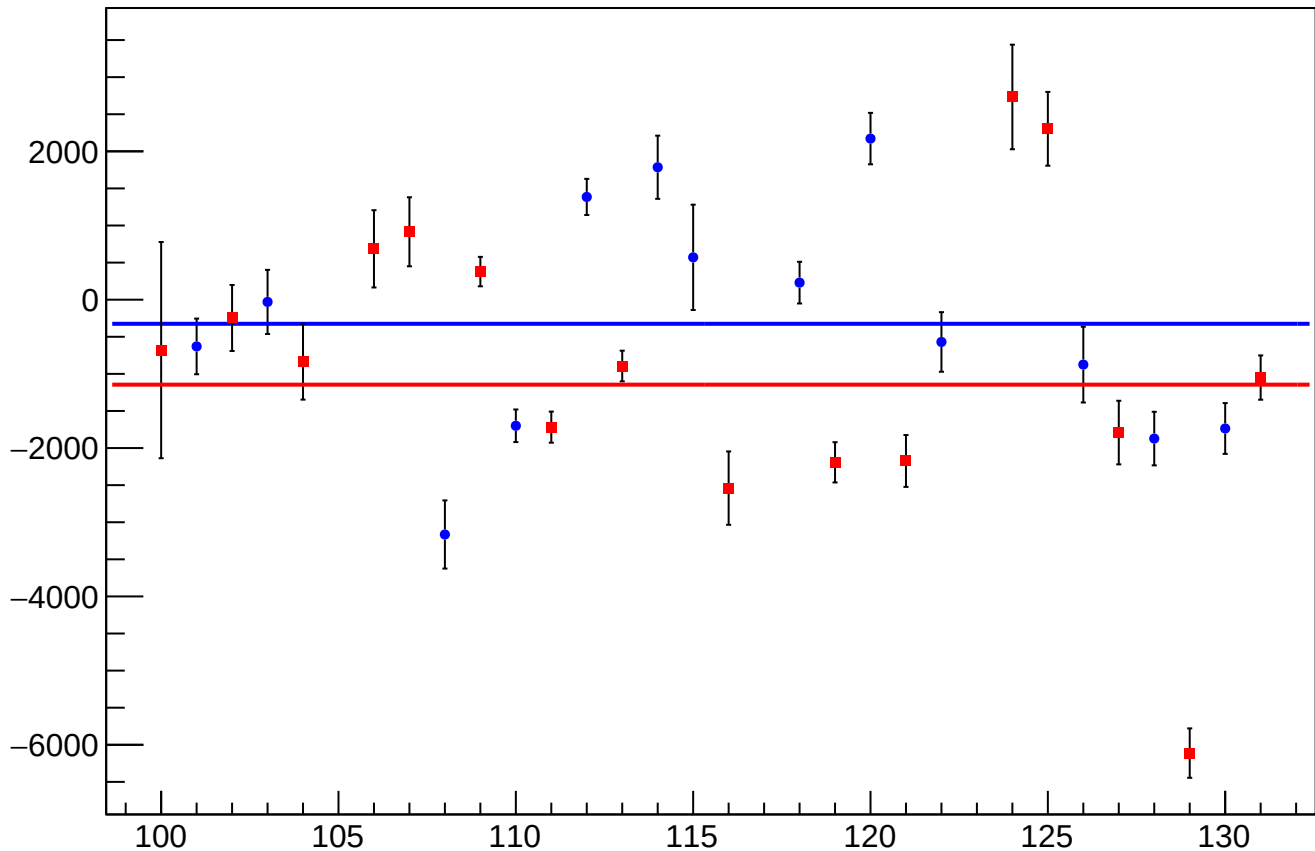
Right: 191.661+/-0.043 χ^2/NDF : 2505102.2/28

In: 201.933+/-0.065 χ^2/NDF : 1038518.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.661+/-0.043 χ^2/NDF : 2505102.2/28

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -324.896+/-95.577 χ^2/NDF : 246.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1145.314+/-82.529 χ^2/NDF : 439.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

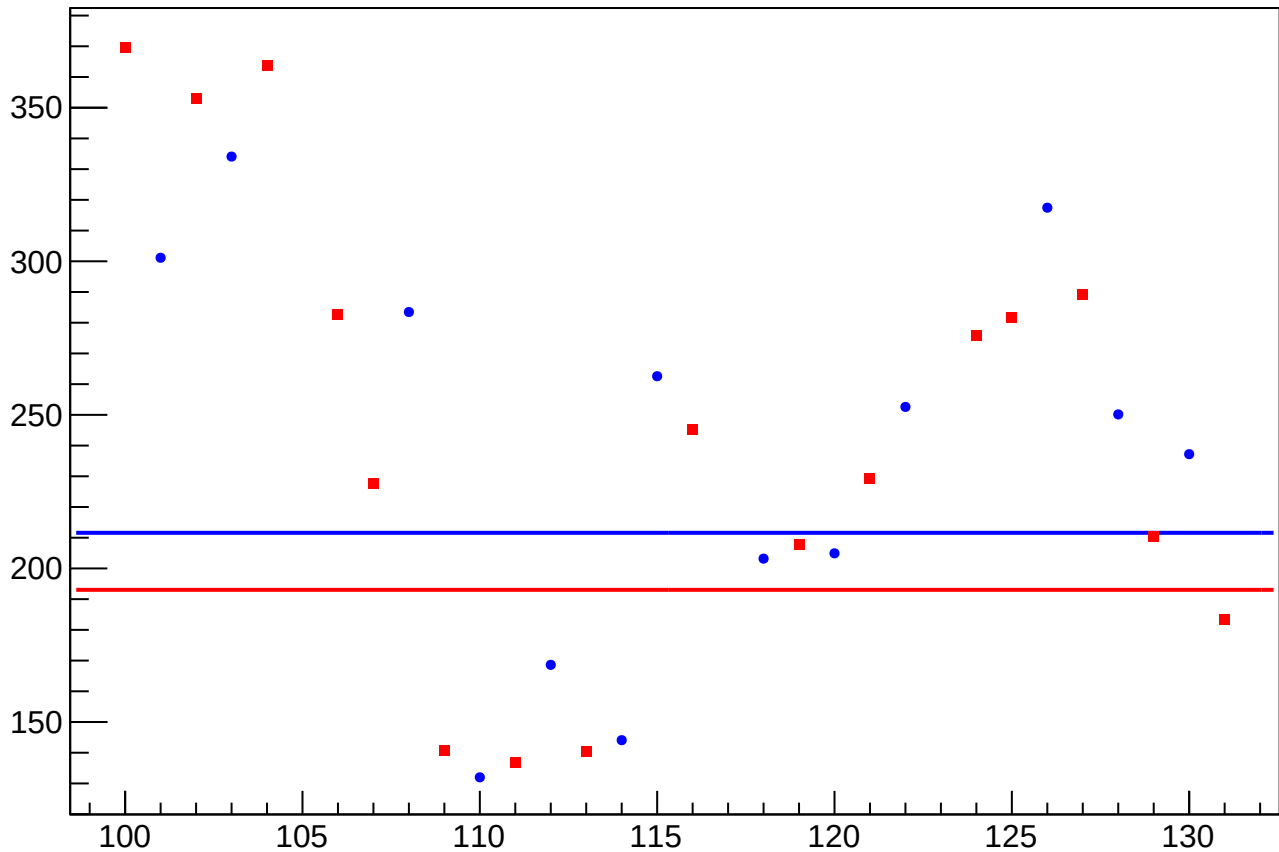
Right: -794.887+/-62.464 χ^2/NDF : 727.9/28

In: -324.896+/-95.577 χ^2/NDF :246.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -794.887+/-62.464 χ^2/NDF : 727.9/28

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.601 ± 0.068 χ^2/NDF : 852197.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 193.034 ± 0.058 χ^2/NDF : 1242456.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

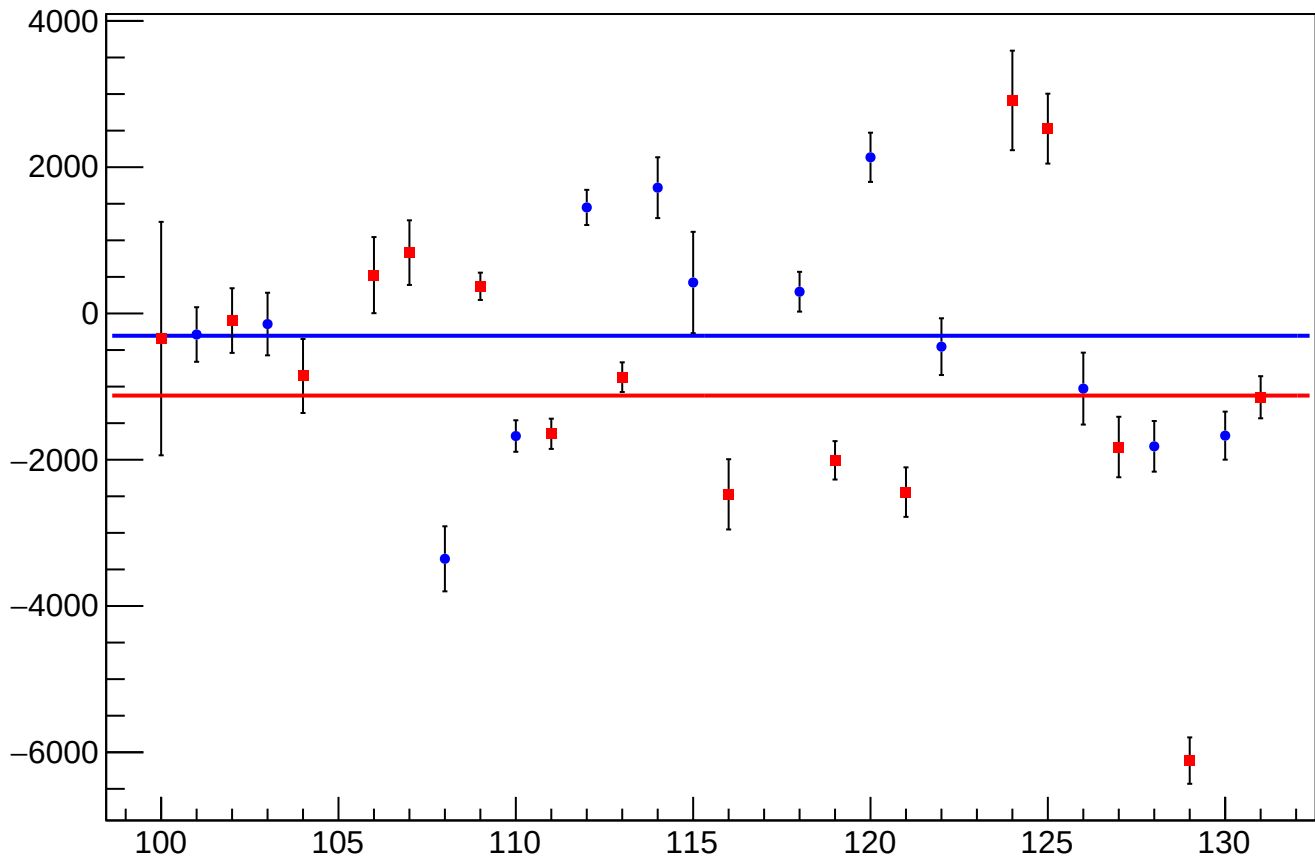
Right: 200.965 ± 0.044 χ^2/NDF : 2137892.9/28

In: 211.601 ± 0.068 χ^2/NDF : 852197.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 200.965 ± 0.044 χ^2/NDF : 2137892.9/28

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -304.819+/-93.189 χ^2/NDF : 261.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1122.567+/-79.901 χ^2/NDF : 486.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

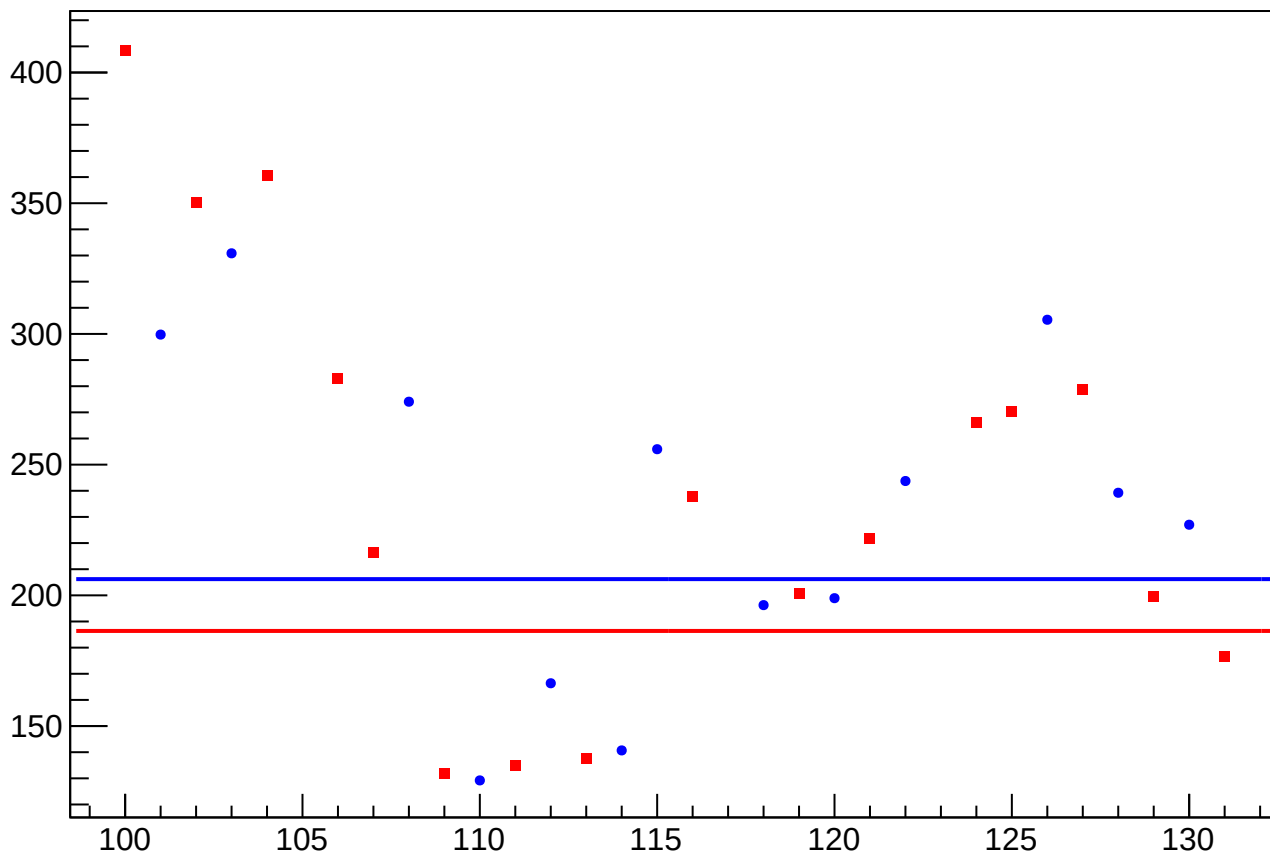
Right: -776.103+/-60.657 χ^2/NDF : 792.4/28

In: -304.819+/-93.189 χ^2/NDF :261.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -776.103+/-60.657 χ^2/NDF : 792.4/28

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 206.208 ± 0.066 χ^2/NDF : 842326.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 186.386 ± 0.056 χ^2/NDF : 1284641.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

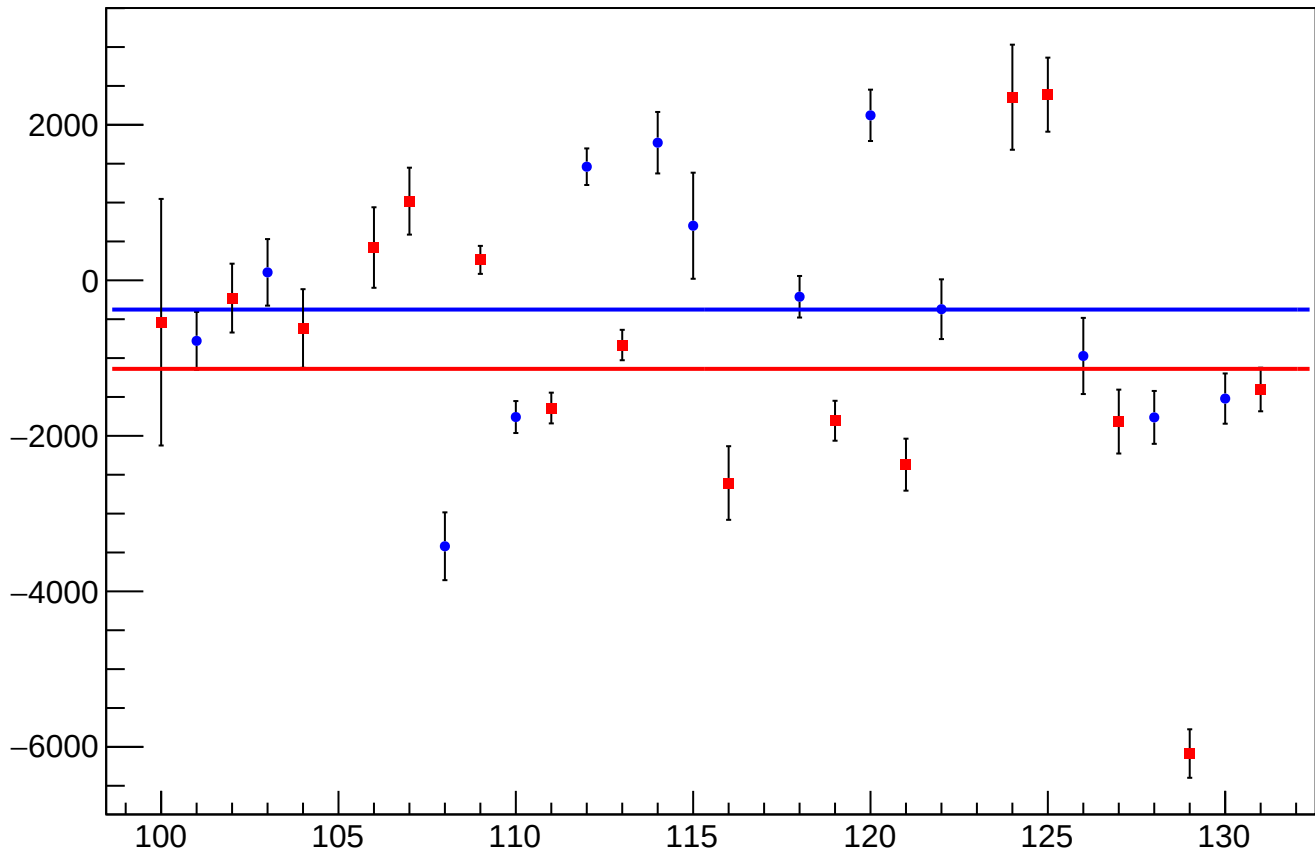
Right: 194.784 ± 0.043 χ^2/NDF : 2179120.4/28

In: 206.208 ± 0.066 χ^2/NDF : 842326.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 194.784 ± 0.043 χ^2/NDF : 2179120.4/28

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -375.884+/-91.072 χ^2/NDF : 277.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1138.564+/-77.793 χ^2/NDF : 475.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

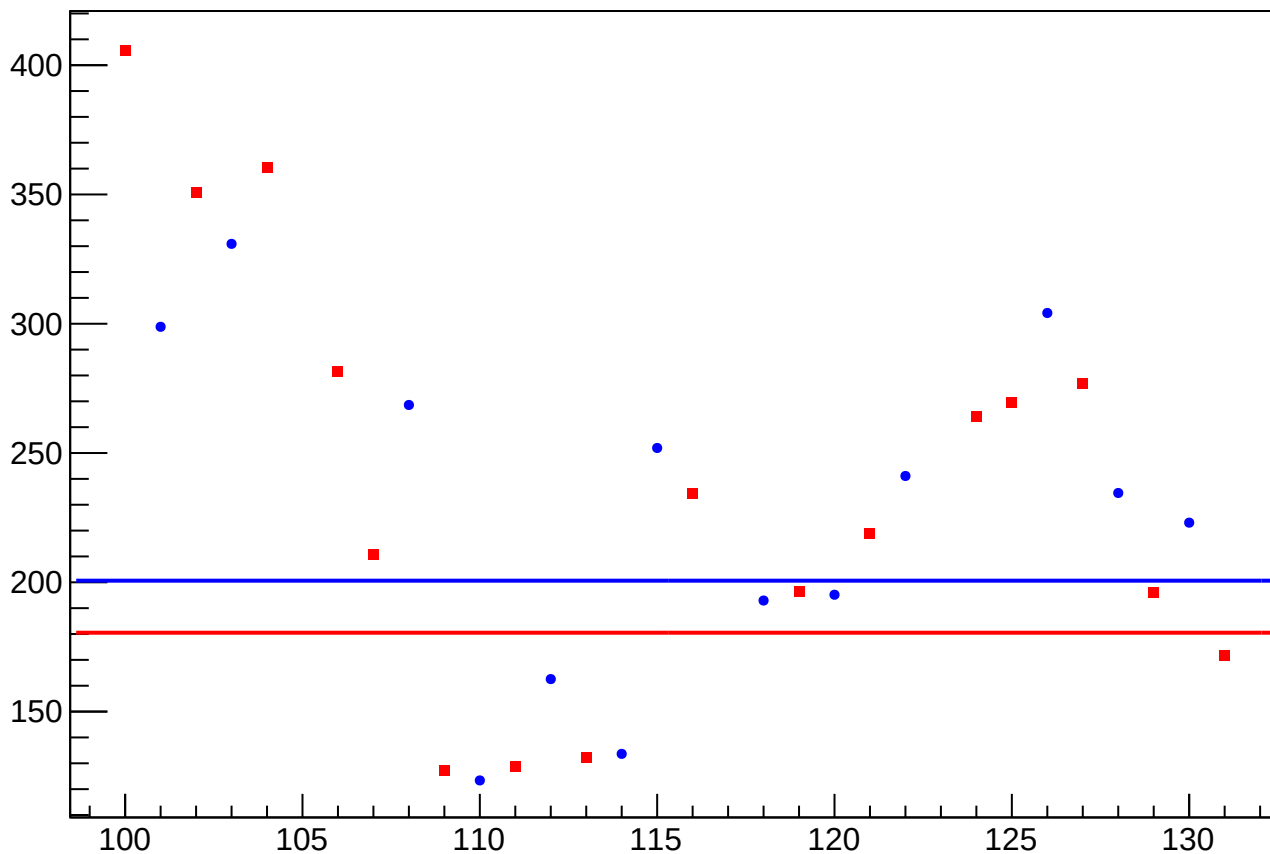
Right: -816.829+/-59.151 χ^2/NDF : 794.0/28

In: -375.884+/-91.072 χ^2/NDF : 277.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.829+/-59.151 χ^2/NDF : 794.0/28

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 200.628+/-0.064 χ^2/NDF : 920143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.506+/-0.055 χ^2/NDF : 1387048.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

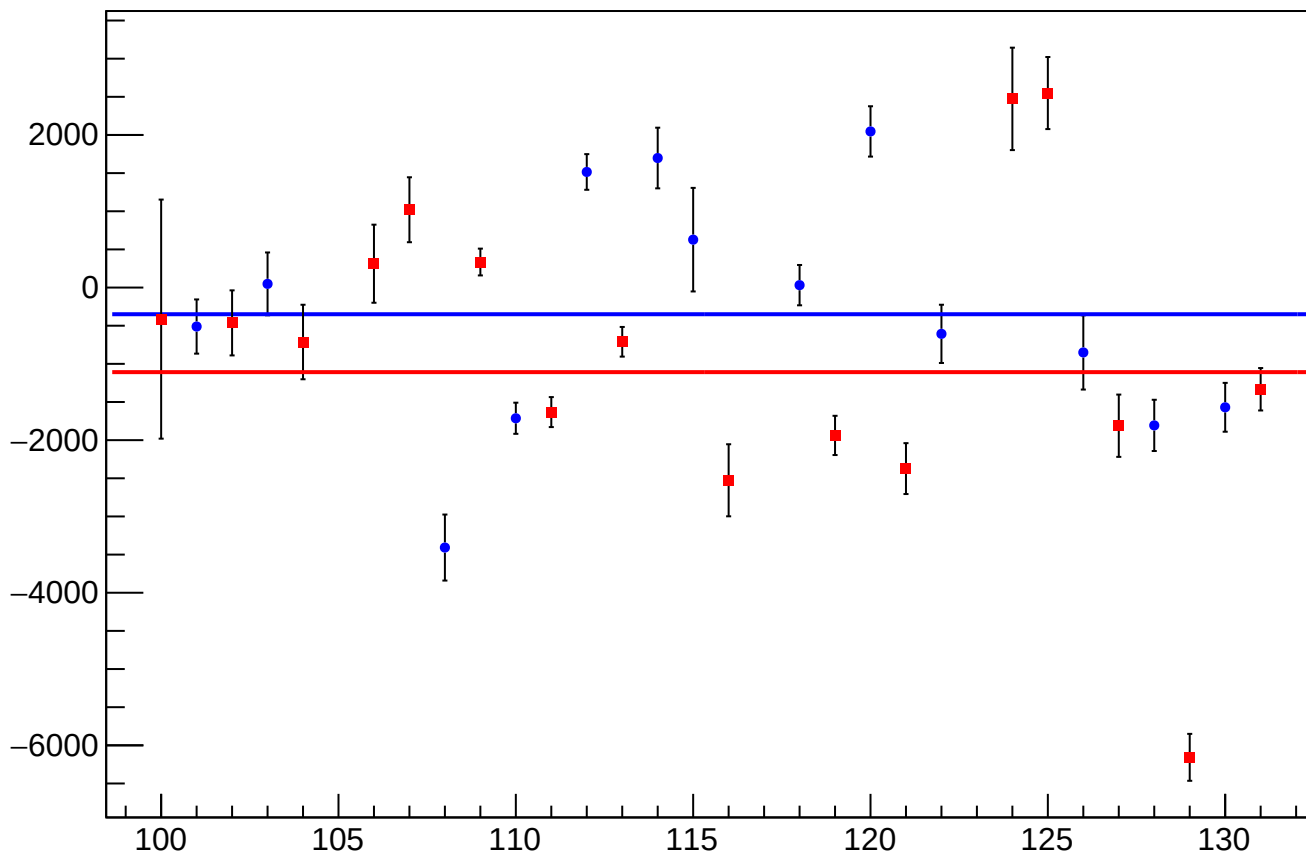
Right: 188.994+/-0.042 χ^2/NDF : 2363642.6/28

In: 200.628+/-0.064 χ^2/NDF : 920143.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.994+/-0.042 χ^2/NDF : 2363642.6/28

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -349.549+/-90.095 χ^2/NDF : 277.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1108.486+/-76.919 χ^2/NDF : 510.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

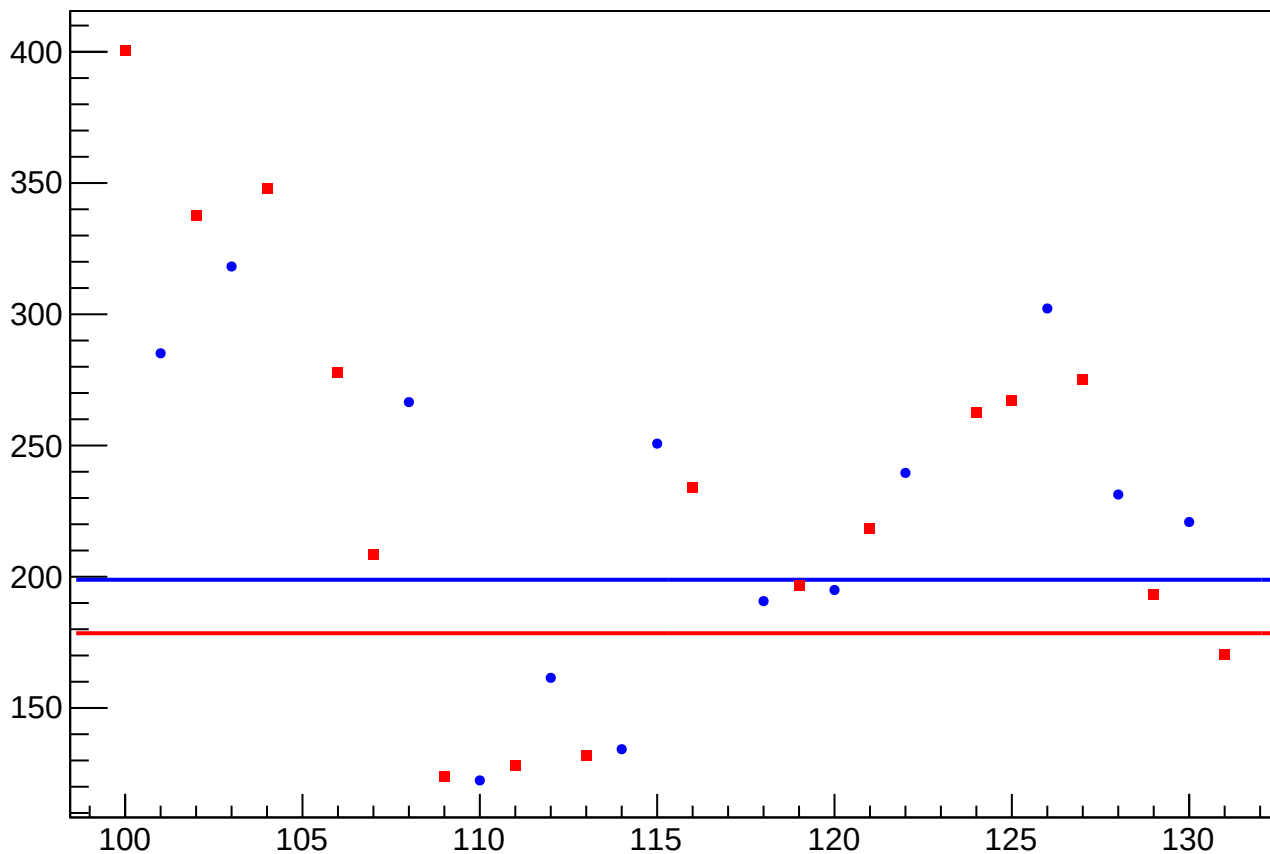
Right: -788.519+/-58.499 χ^2/NDF : 828.7/28

In: -349.549+/-90.095 χ^2/NDF :277.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -788.519+/-58.499 χ^2/NDF : 828.7/28

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 198.857+/-0.064 χ^2/NDF : 874481.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 178.480+/-0.054 χ^2/NDF : 1373003.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

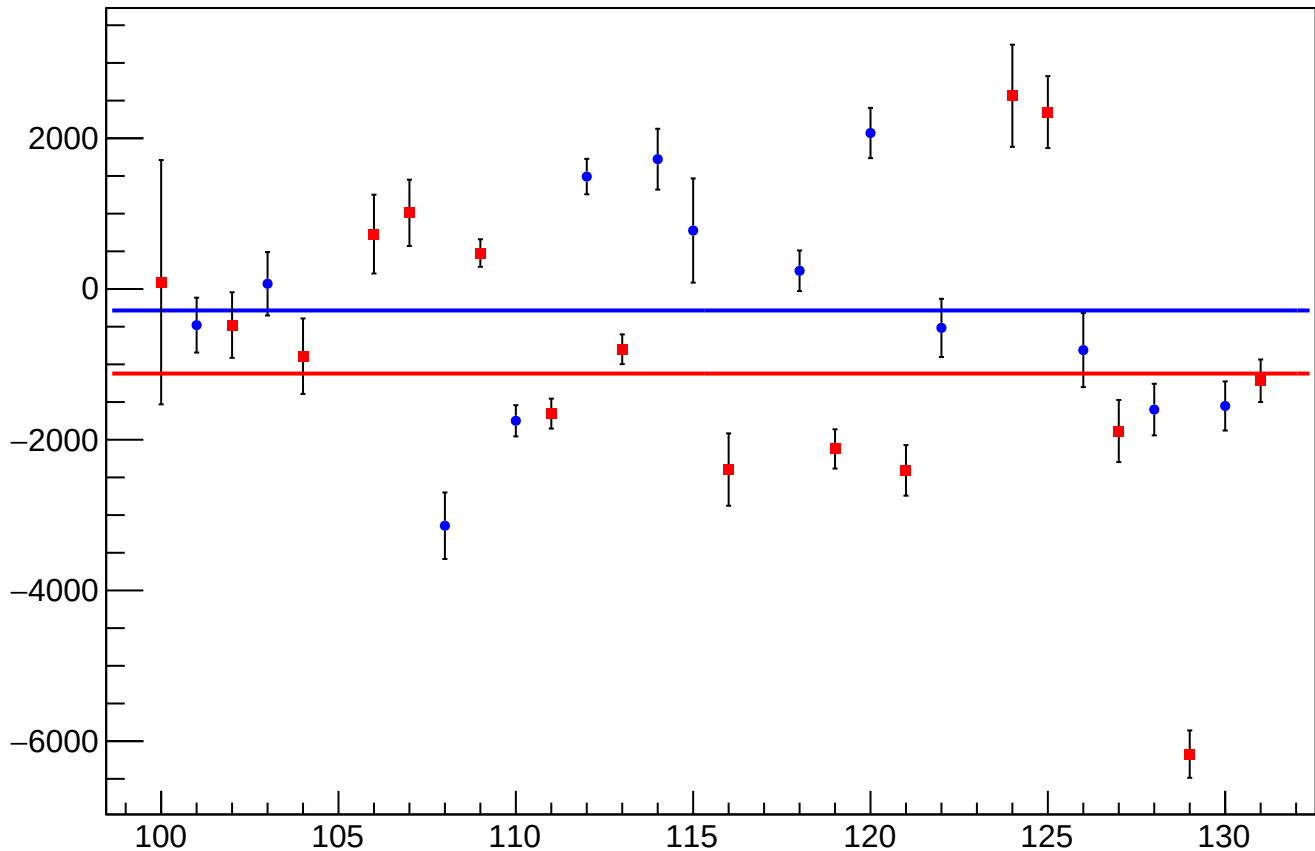
Right: 187.071+/-0.041 χ^2/NDF : 2306657.1/28

In: 198.857+/-0.064 χ^2/NDF :874481.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 187.071+/-0.041 χ^2/NDF : 2306657.1/28

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -284.742+/-91.468 χ^2/NDF : 262.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1121.934+/-78.459 χ^2/NDF : 506.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

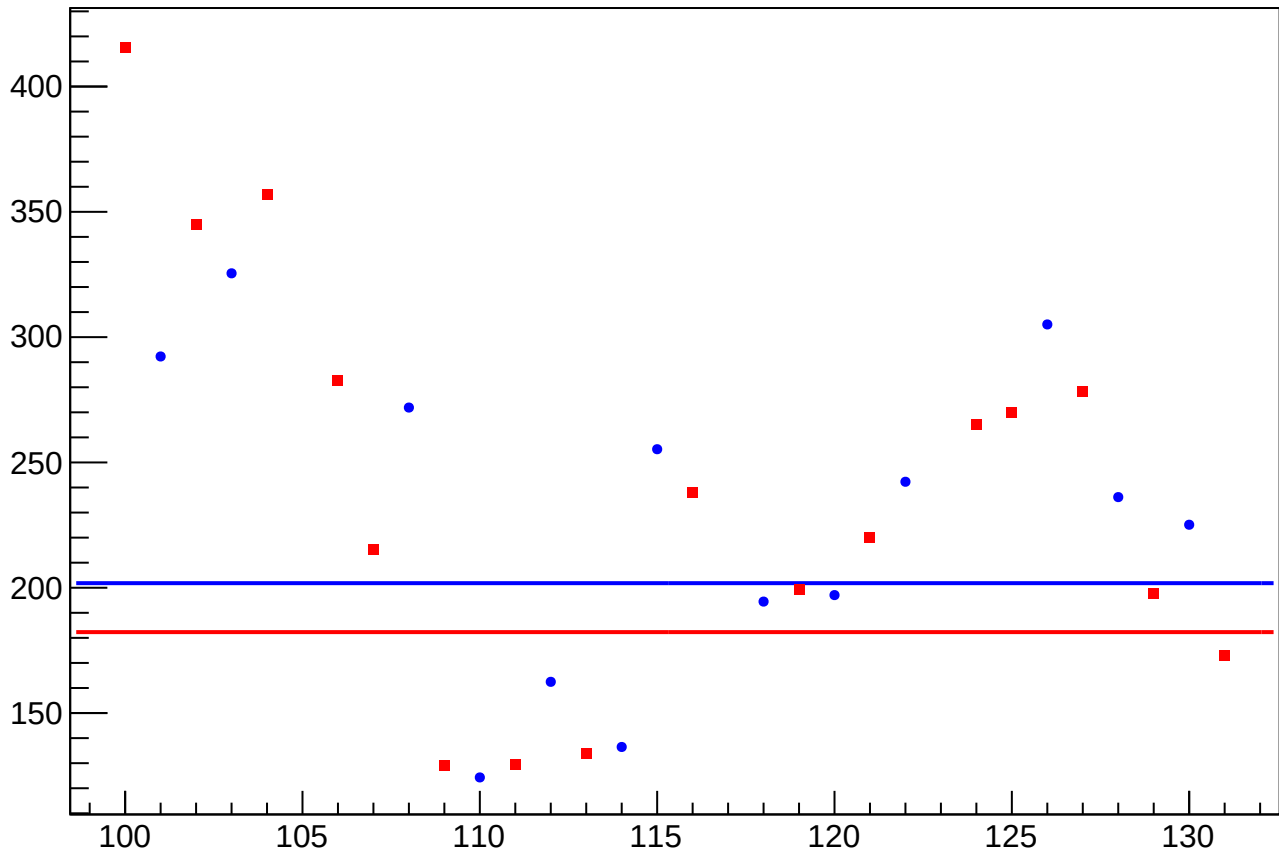
Right: -767.055+/-59.552 χ^2/NDF : 816.4/28

In: -284.742+/-91.468 χ^2/NDF :262.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -767.055+/-59.552 χ^2/NDF : 816.4/28

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 201.829+/-0.065 χ^2/NDF : 889556.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.298+/-0.055 χ^2/NDF : 1351702.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

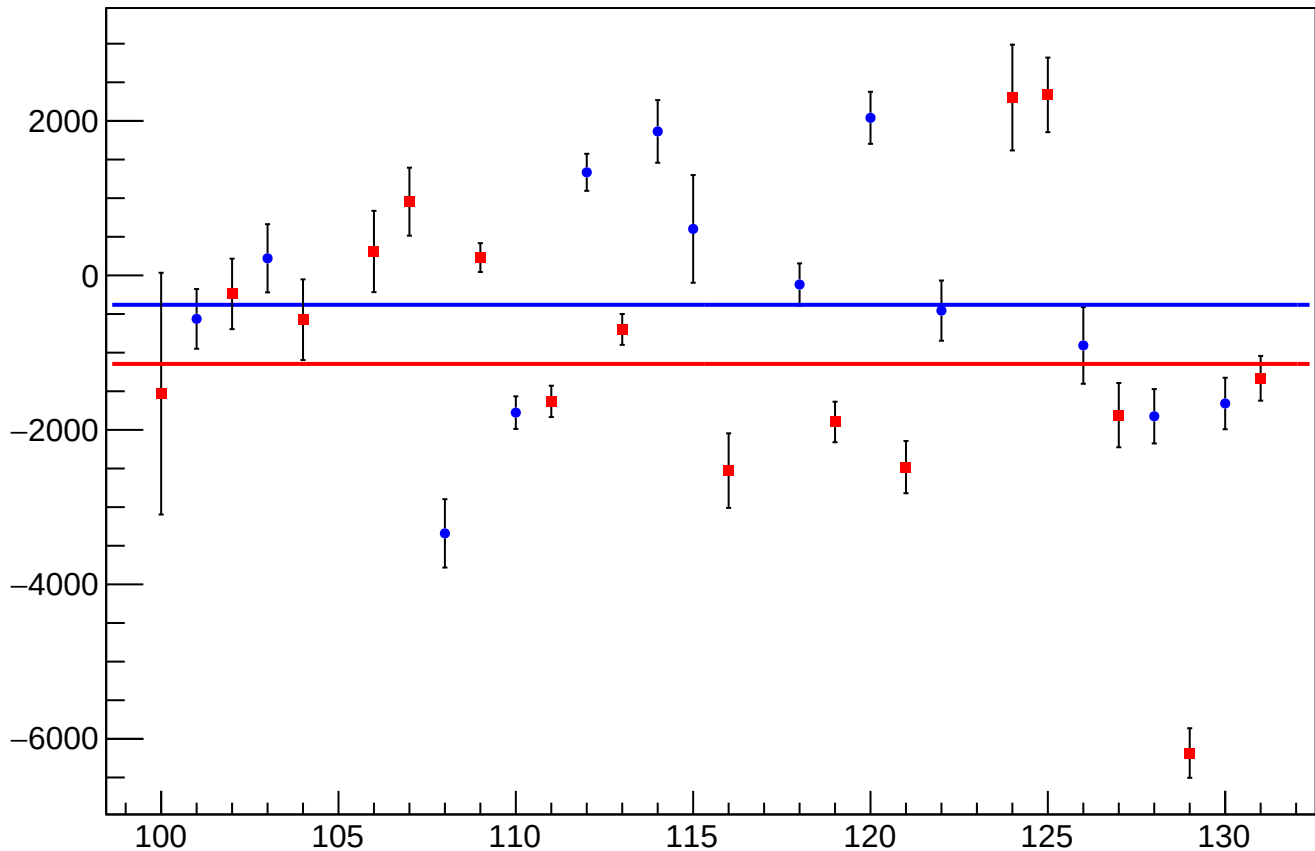
Right: 190.577+/-0.042 χ^2/NDF : 2293793.7/28

In: 201.829+/-0.065 χ^2/NDF : 889556.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.577+/-0.042 χ^2/NDF : 2293793.7/28

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -380.697+/-93.363 χ^2/NDF : 259.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1145.960+/-79.810 χ^2/NDF : 459.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

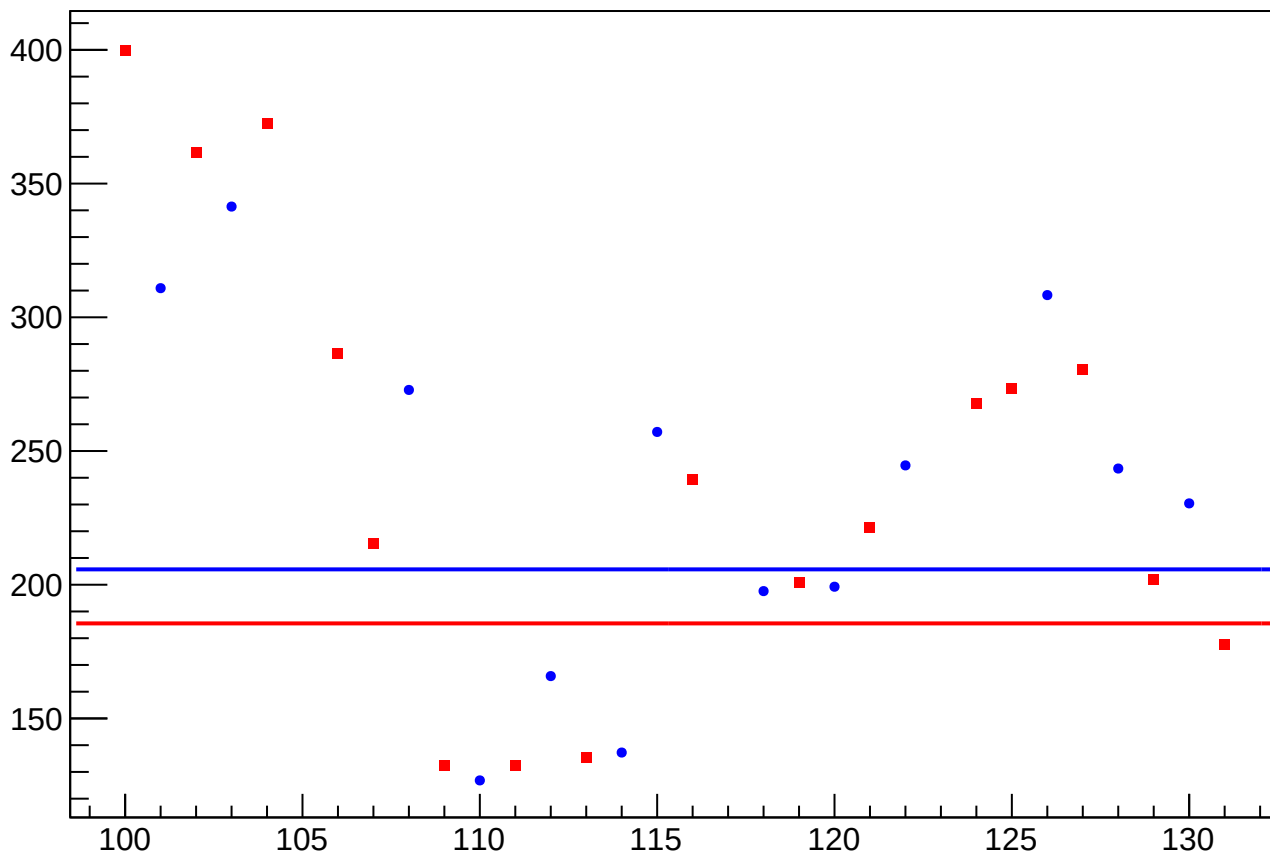
Right: -822.859+/-60.665 χ^2/NDF : 757.6/28

In: -380.697+/-93.363 χ^2/NDF :259.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -822.859+/-60.665 χ^2/NDF : 757.6/28

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 205.743+/-0.066 χ^2/NDF : 926471.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.540+/-0.056 χ^2/NDF : 1360104.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

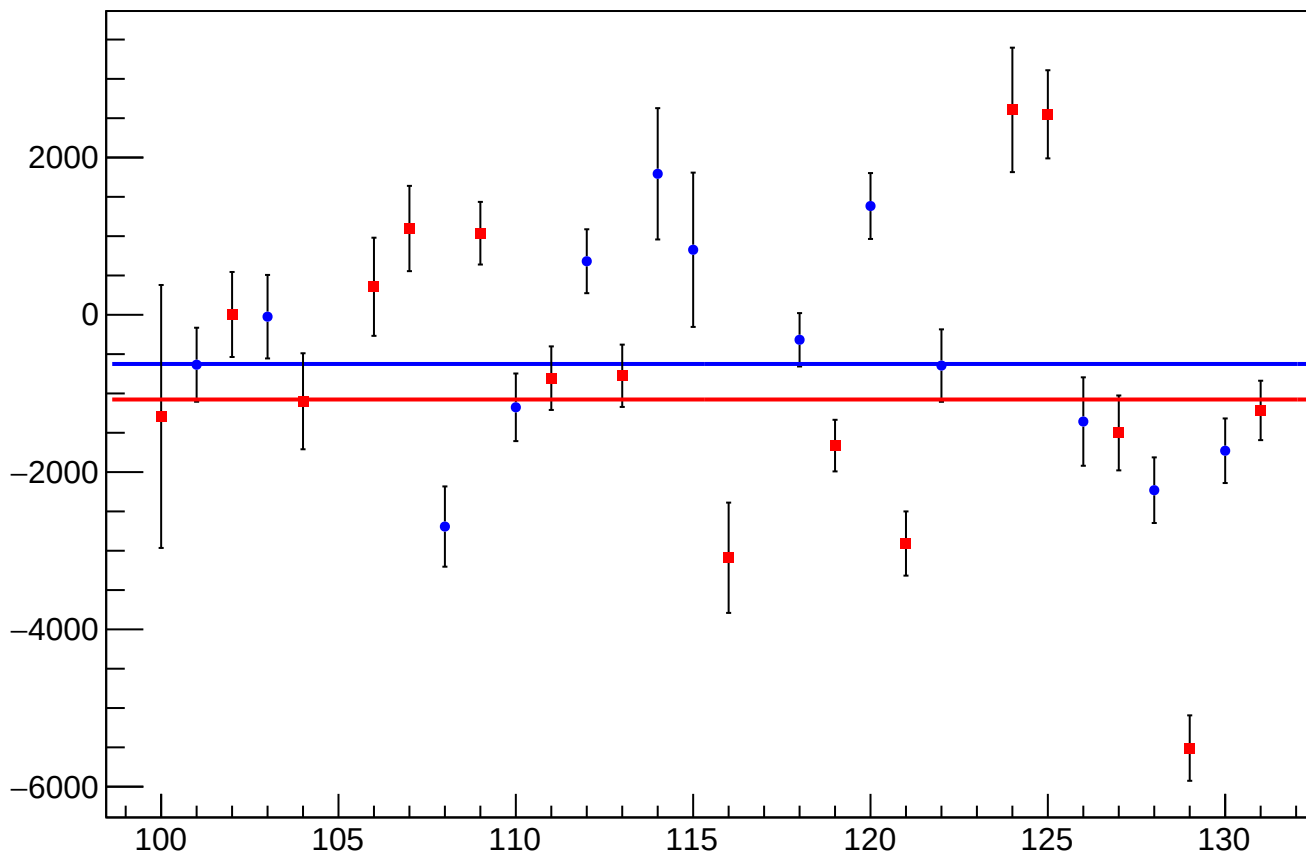
Right: 194.070+/-0.043 χ^2/NDF : 2340684.6/28

In: 205.743+/-0.066 χ^2/NDF : 926471.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.070+/-0.043 χ^2/NDF : 2340684.6/28

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -625.133 ± 129.343 χ^2/NDF : 87.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1076.928 ± 119.063 χ^2/NDF : 264.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

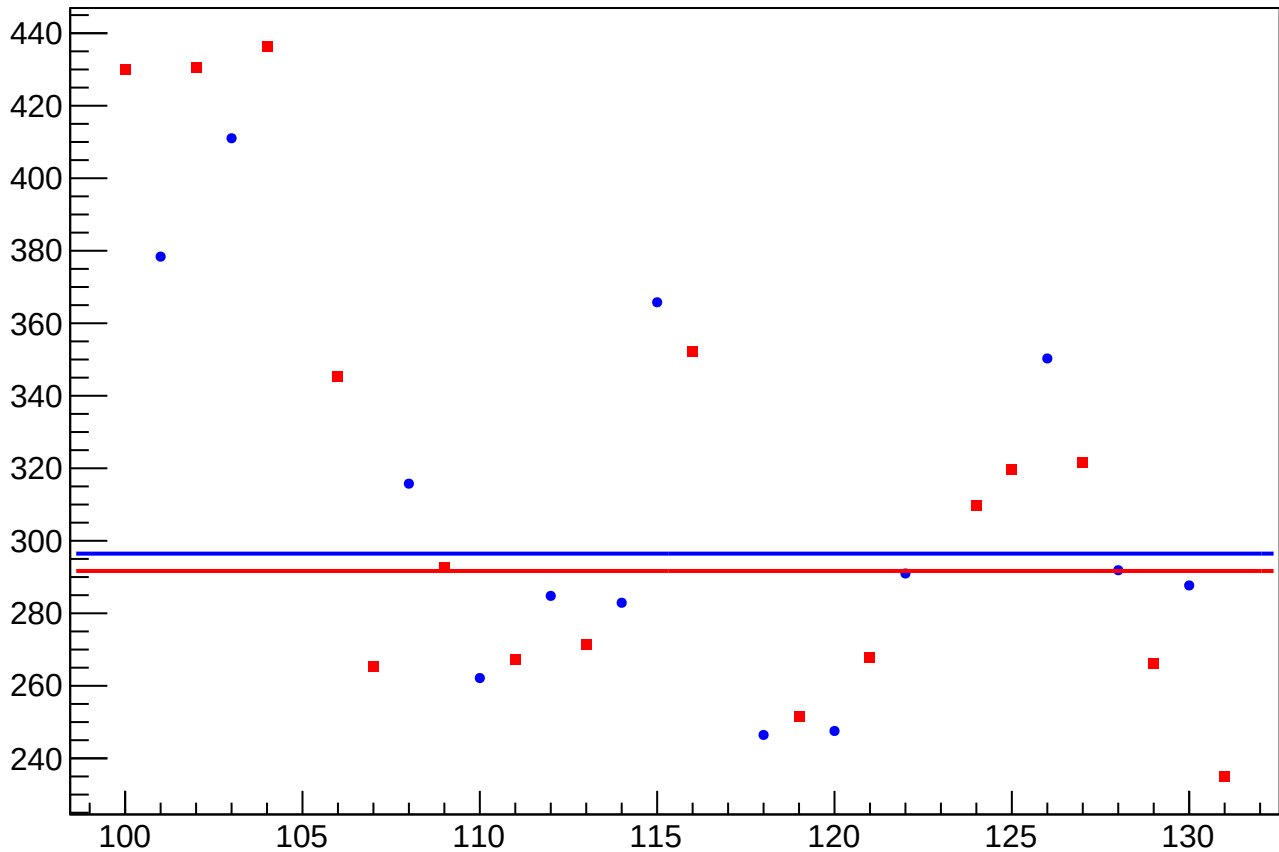
Right: -869.695 ± 87.599 χ^2/NDF : 358.5/28

In: -625.133 ± 129.343 χ^2/NDF : 87.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -869.695 ± 87.599 χ^2/NDF : 358.5/28

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 296.463 $\pm$ 0.091 χ^2 /NDF: 271945.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 291.676 $\pm$ 0.084 χ^2 /NDF: 408277.2/15

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

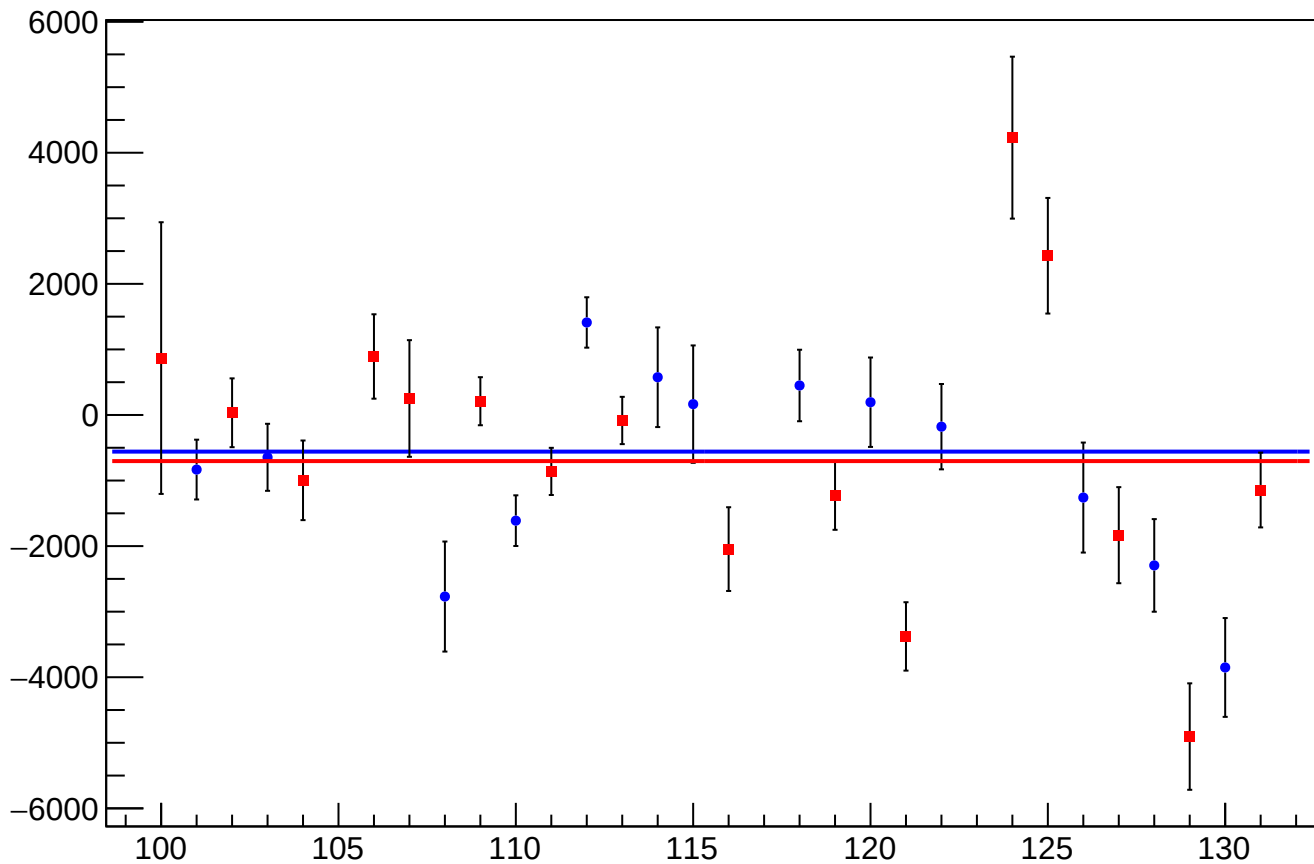
Right: 293.872 $\pm$ 0.062 χ^2 /NDF: 681705.5/28

In: 296.463 $\pm$ 0.091 χ^2 /NDF:271945.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 293.872 $\pm$ 0.062 χ^2 /NDF: 681705.5/28

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -558.734+/-159.003 χ^2/NDF : 74.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -703.309+/-139.565 χ^2/NDF : 109.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

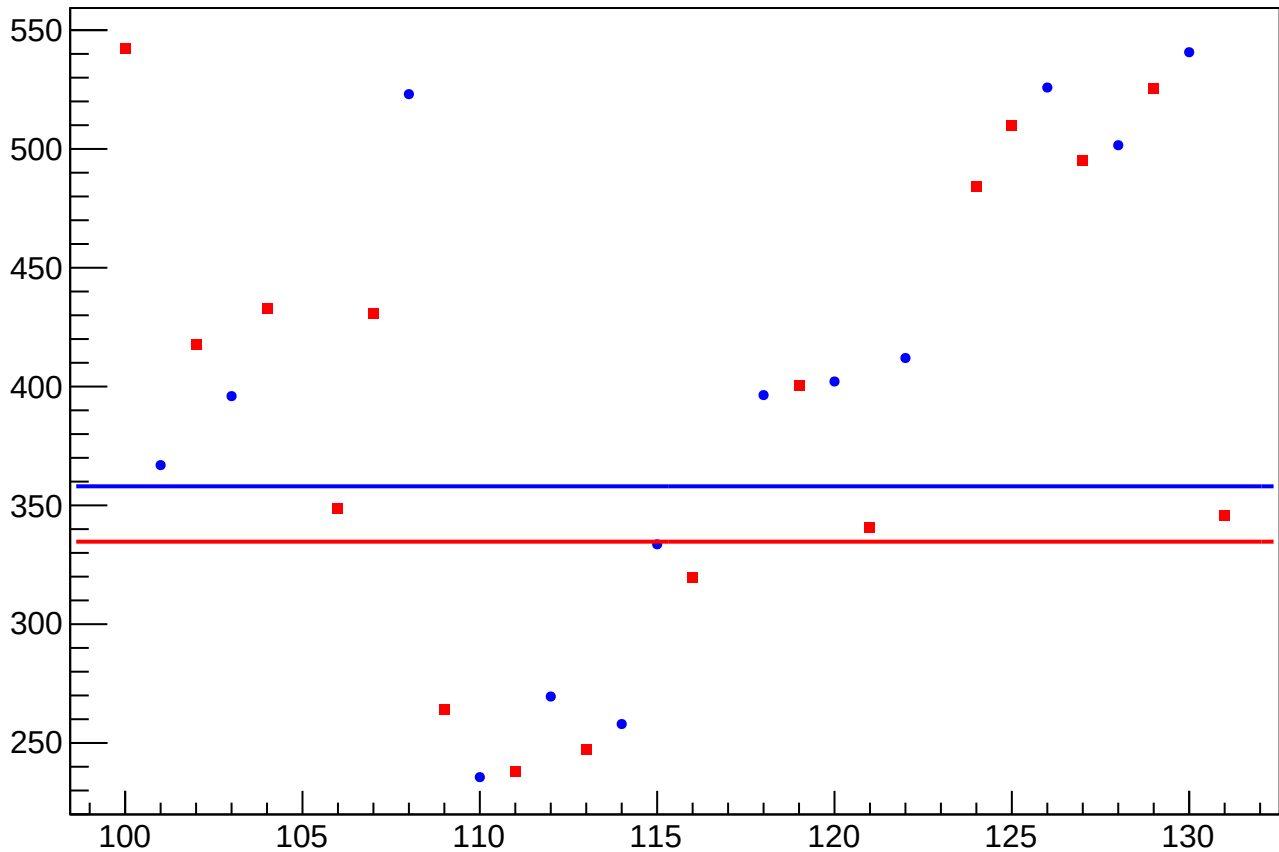
Right: -640.394+/-104.890 χ^2/NDF : 184.7/28

In: -558.734+/-159.003 χ^2/NDF : 74.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -640.394+/-104.890 χ^2/NDF : 184.7/28

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 358.018+/-0.112 χ^2/NDF : 743993.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.724+/-0.099 χ^2/NDF : 831401.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

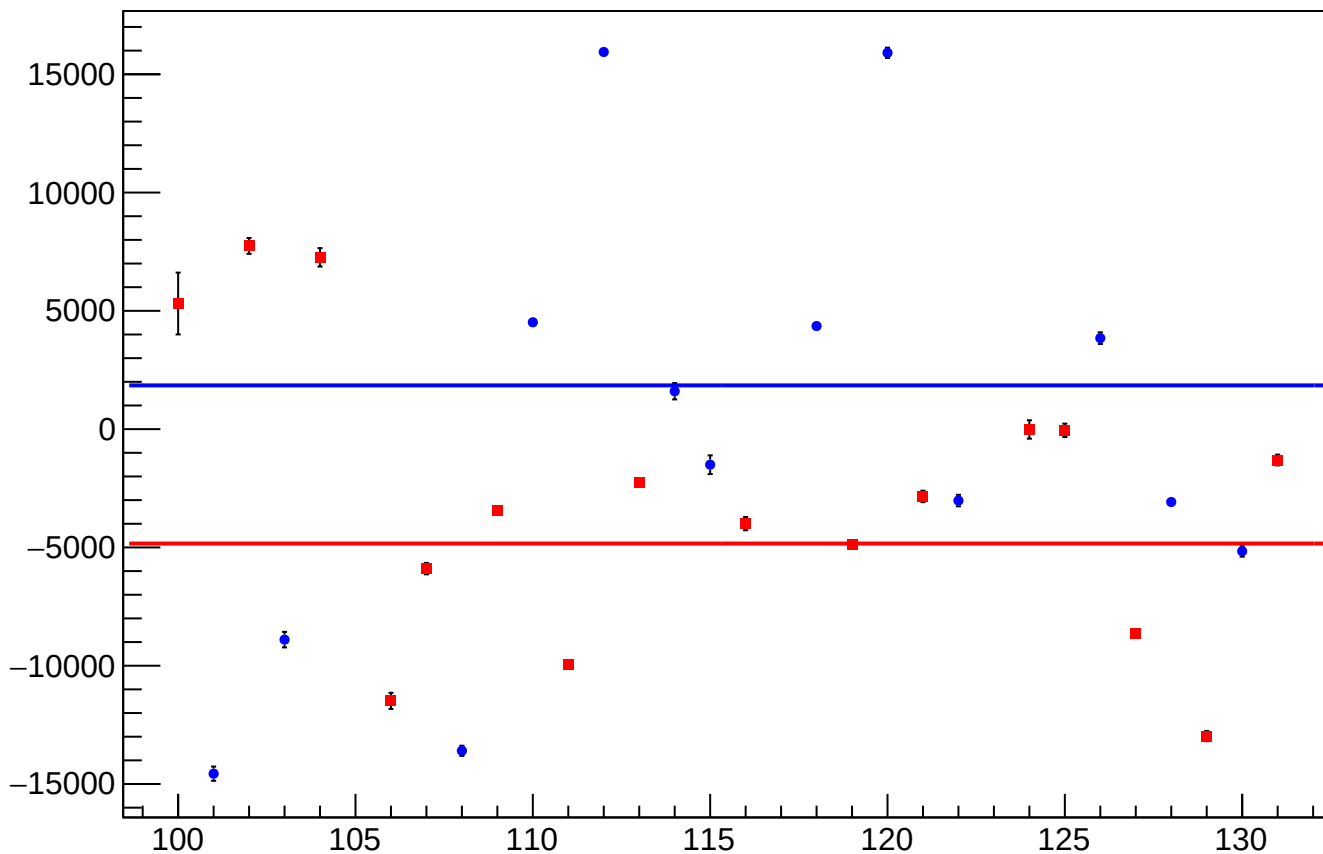
Right: 344.861+/-0.074 χ^2/NDF : 1599641.2/28

In: 358.018+/-0.112 χ^2/NDF : 743993.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.861+/-0.074 χ^2/NDF : 1599641.2/28

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4836.010+/-57.250 χ^2/NDF : 6720.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

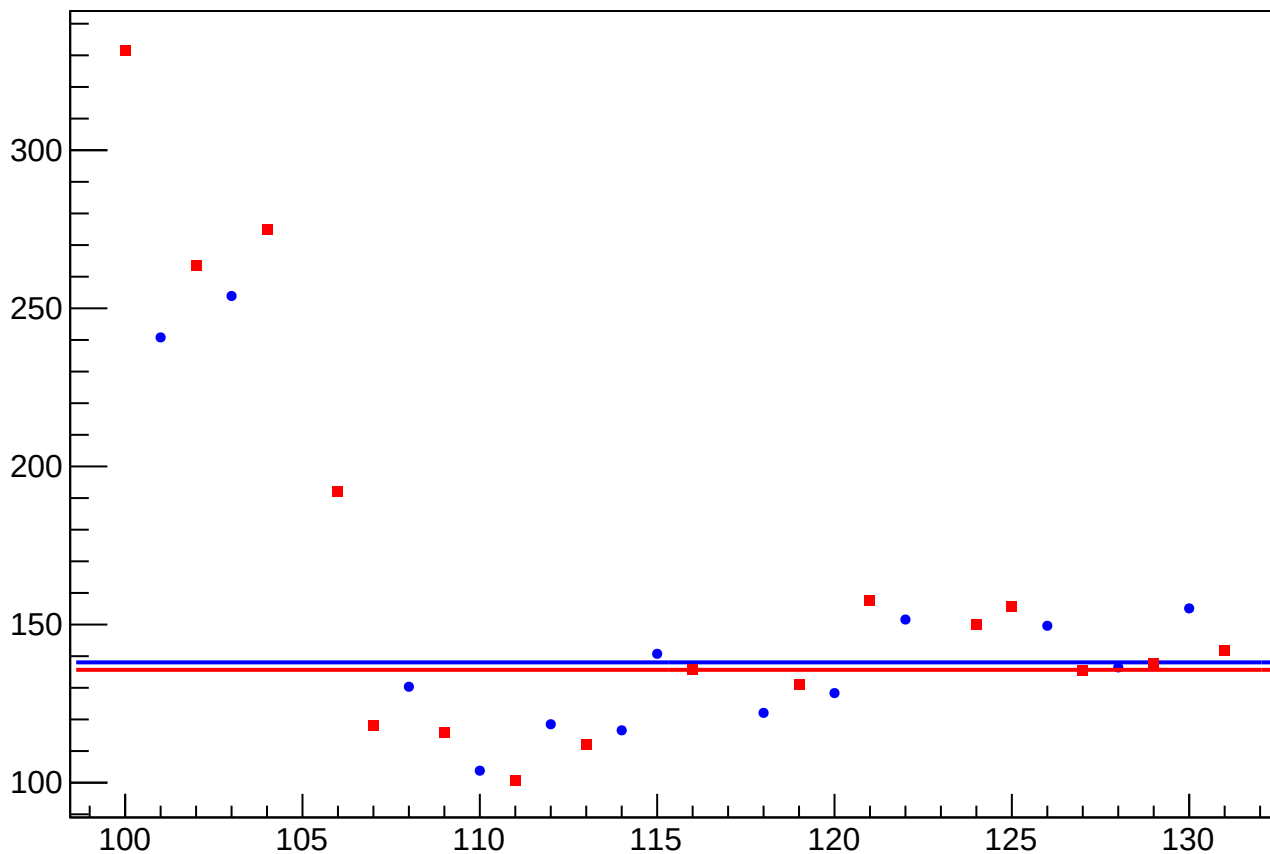
Right: -1775.281+/-42.155 χ^2/NDF : 35480.2/28

In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1775.281+/-42.155 χ^2/NDF : 35480.2/28

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.684+/-0.040 χ^2/NDF : 859108.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

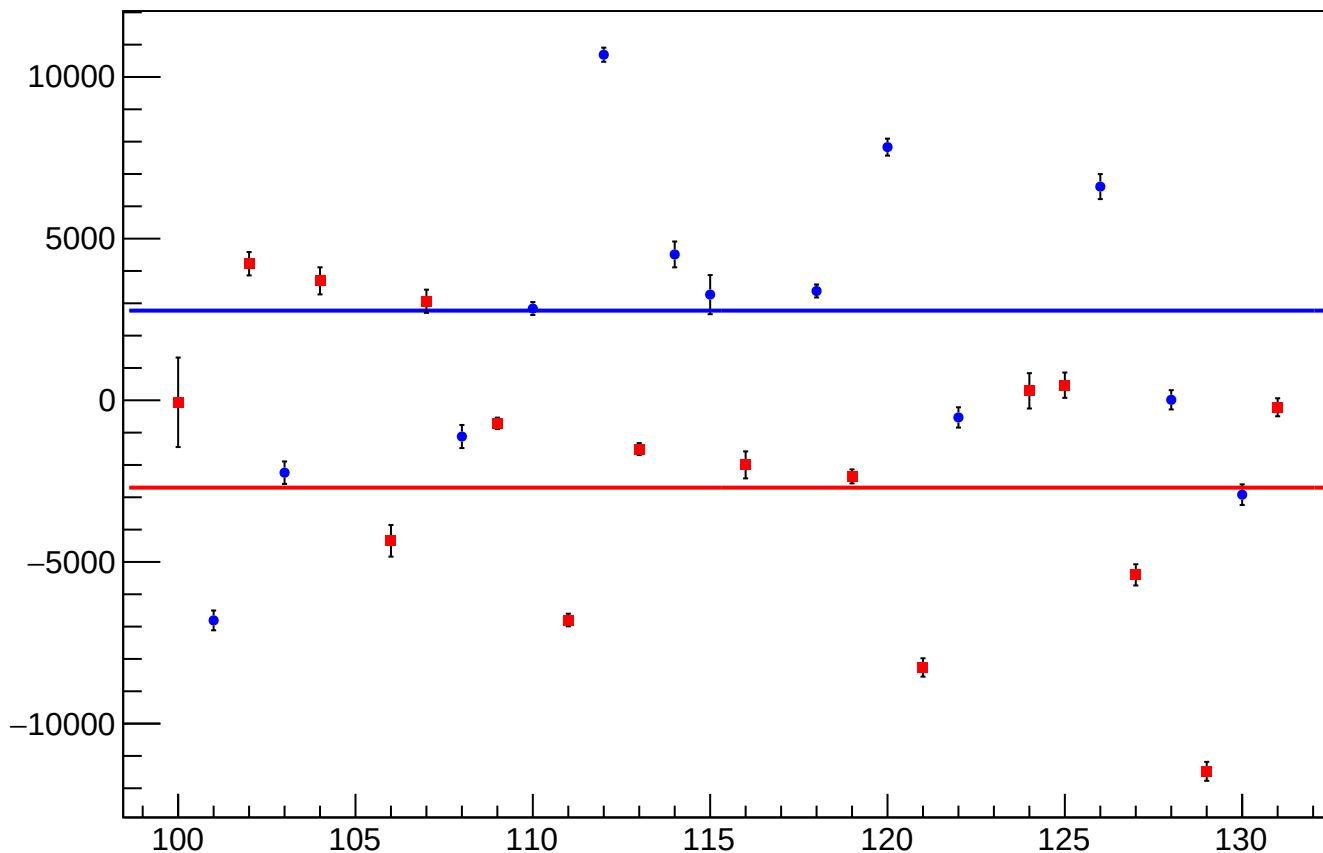
Right: 136.766+/-0.030 χ^2/NDF : 1498642.1/28

In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.766+/-0.030 χ^2/NDF : 1498642.1/28

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2773.738+/-79.378 χ^2/NDF : 3629.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2701.594+/-71.330 χ^2/NDF : 3004.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

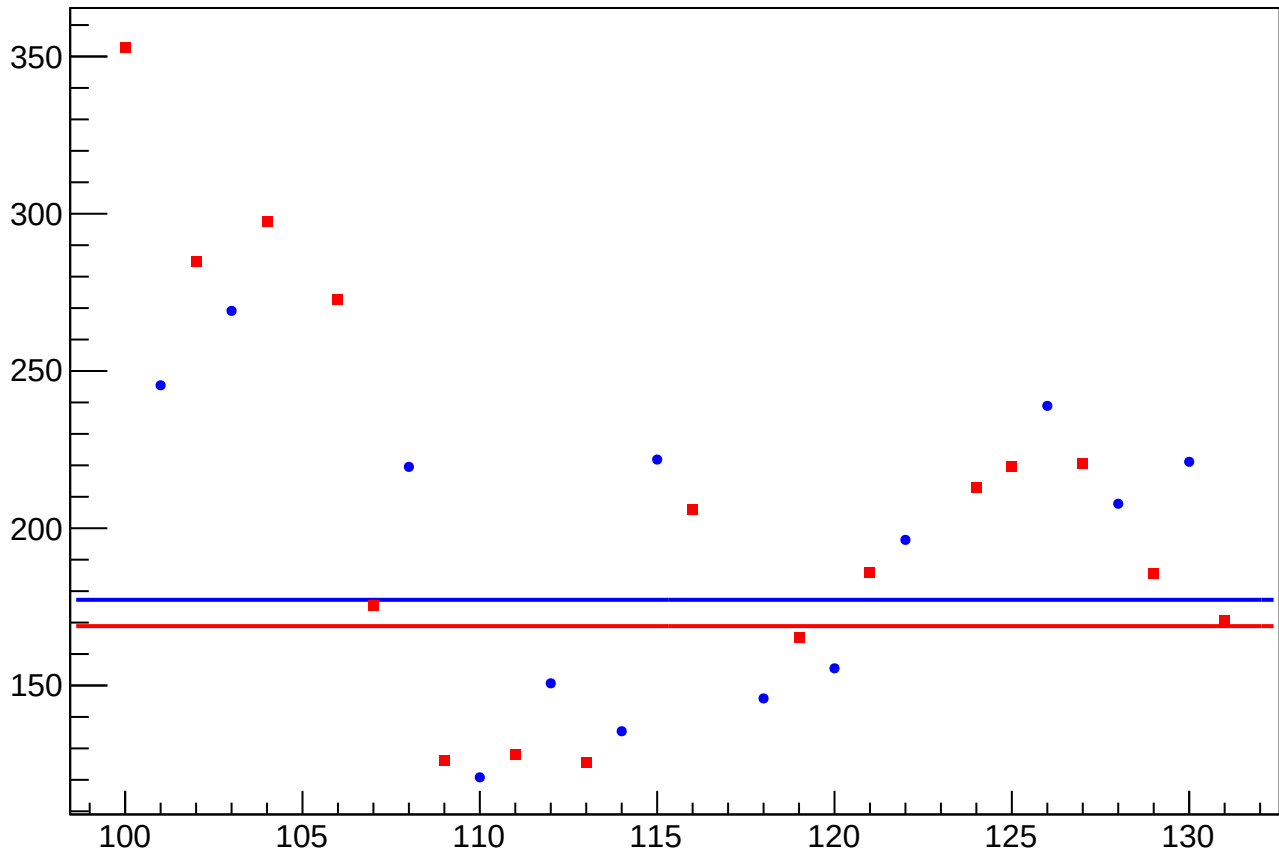
Right: -255.506+/-53.056 χ^2/NDF : 9266.3/28

In: 2773.738+/-79.378 χ^2/NDF :3629.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -255.506+/-53.056 χ^2/NDF : 9266.3/28

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.874+/-0.050 χ^2/NDF : 963175.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

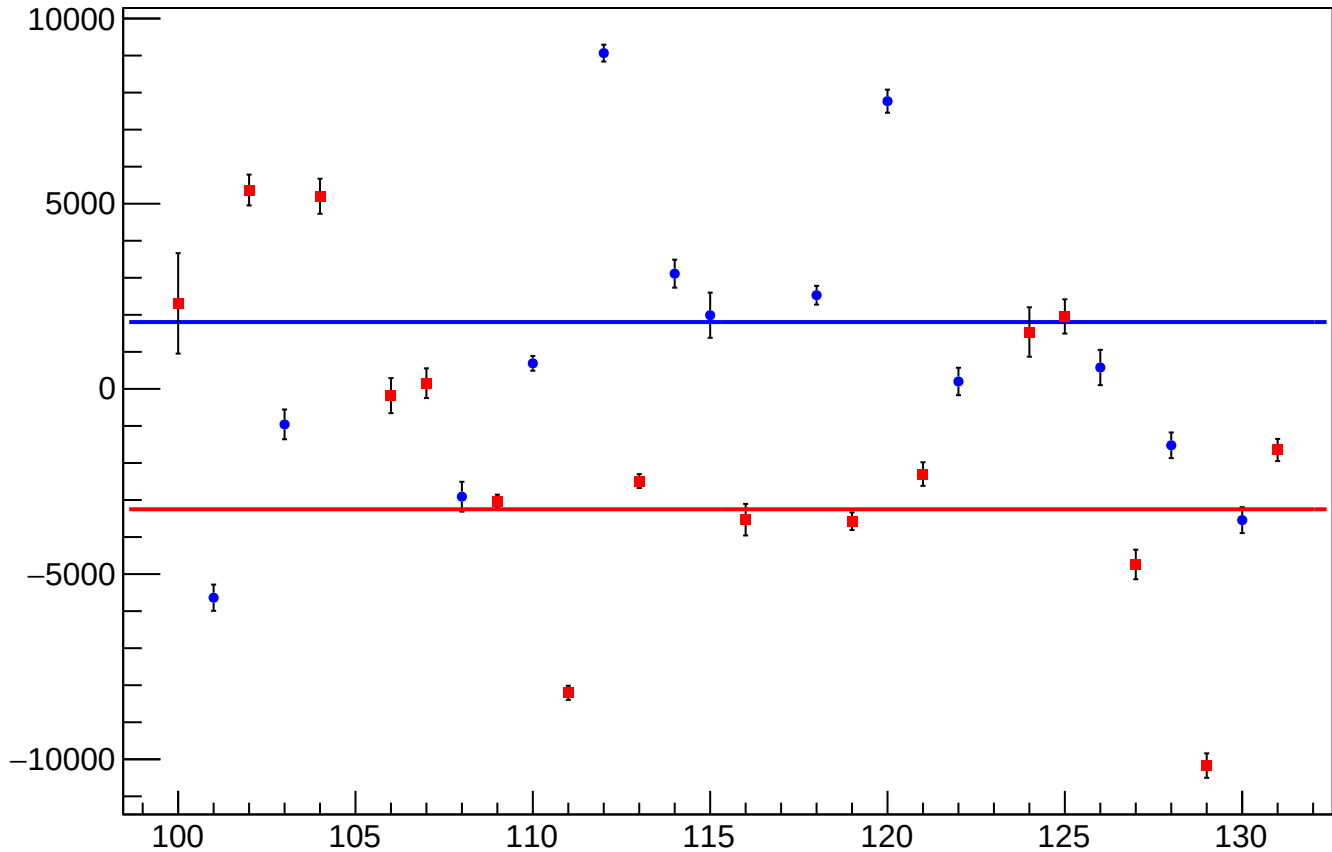
Right: 172.613+/-0.038 χ^2/NDF : 1641594.0/28

In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.613+/-0.038 χ^2/NDF : 1641594.0/28

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1804.419+/-88.255 χ^2/NDF : 2408.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3249.843+/-75.678 χ^2/NDF : 2243.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

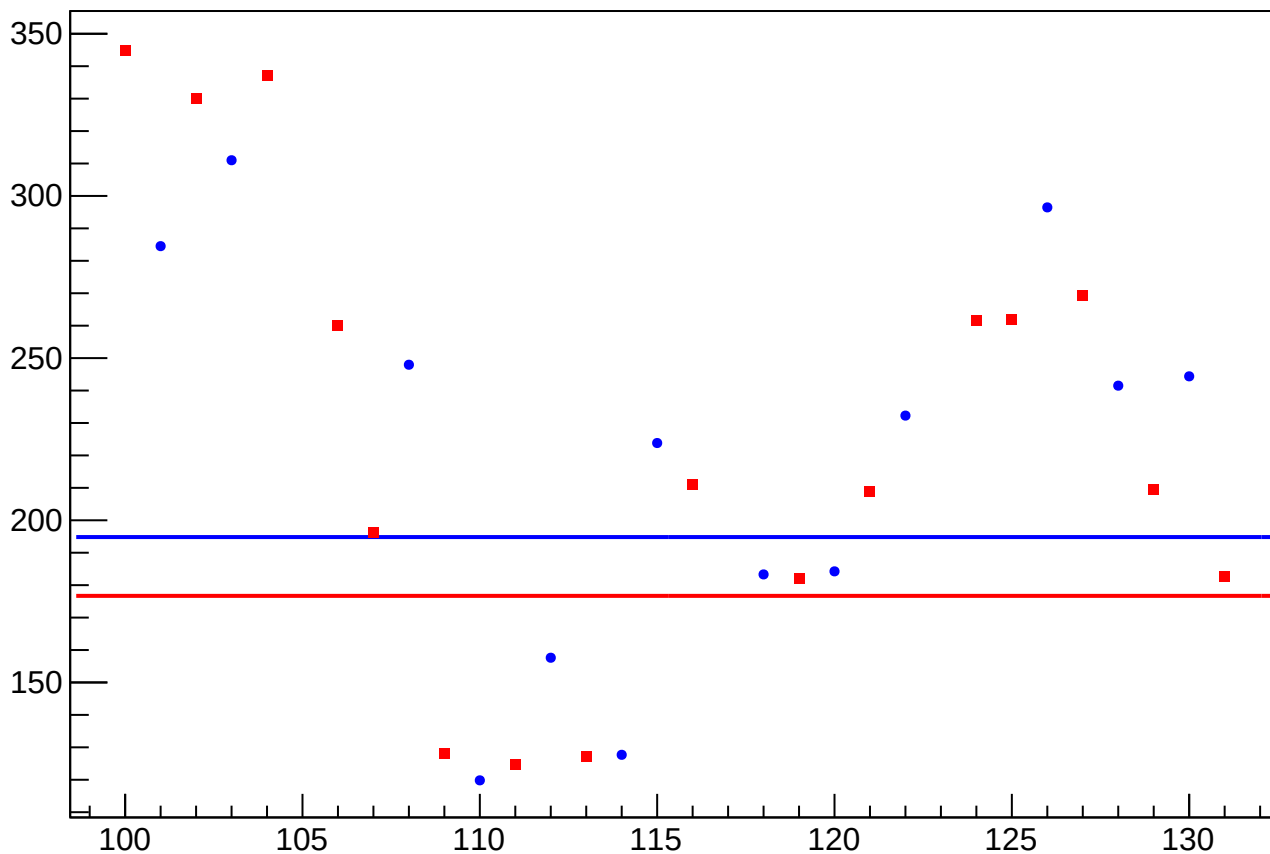
Right: -1108.203+/-57.449 χ^2/NDF : 6541.9/28

In: 1804.419+/-88.255 χ^2/NDF : 2408.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1108.203+/-57.449 χ^2/NDF : 6541.9/28

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.698+/-0.054 χ^2/NDF : 1295552.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

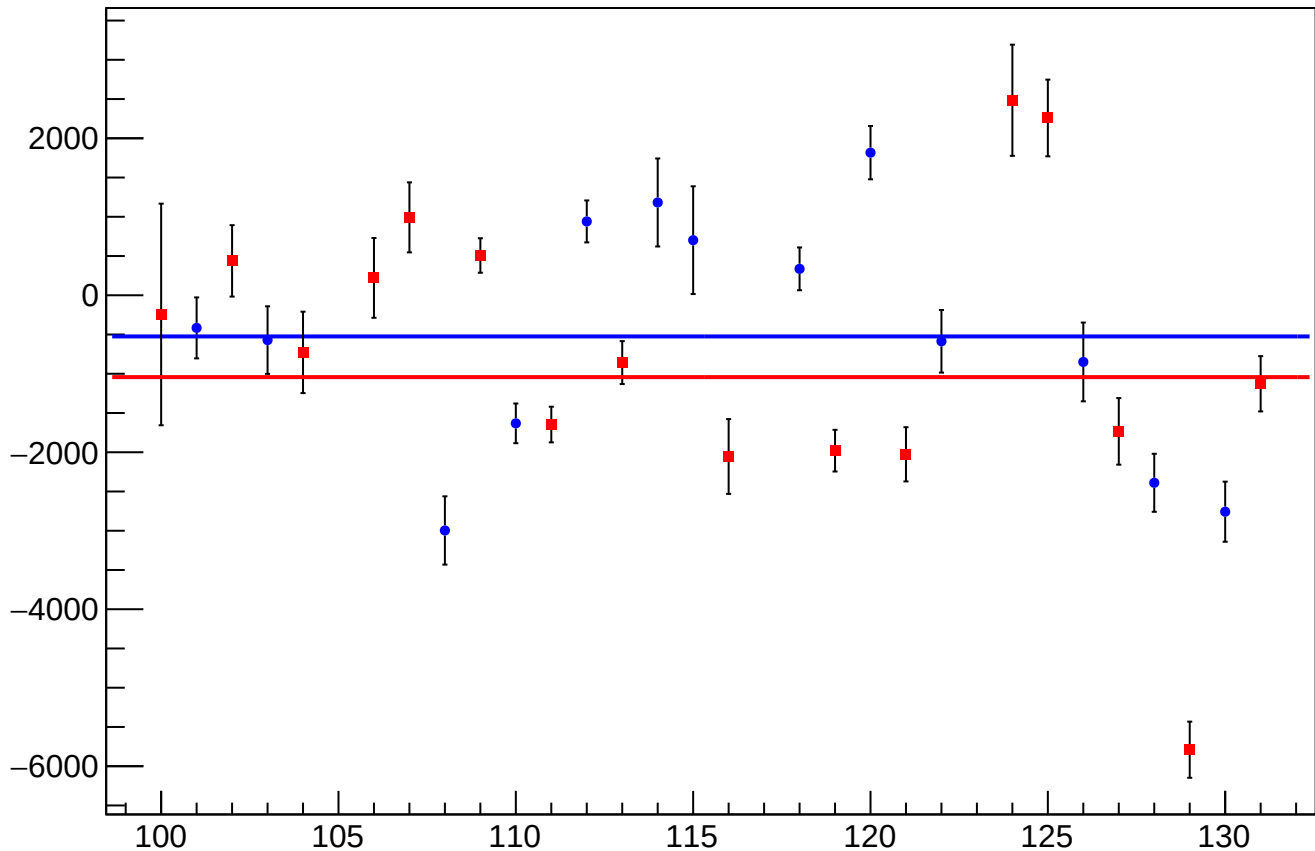
Right: 184.380+/-0.041 χ^2/NDF : 2271432.6/28

In: 194.829+/-0.062 χ^2/NDF :927240.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.380+/-0.041 χ^2/NDF : 2271432.6/28

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1042.906+/-89.073 χ^2/NDF : 369.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

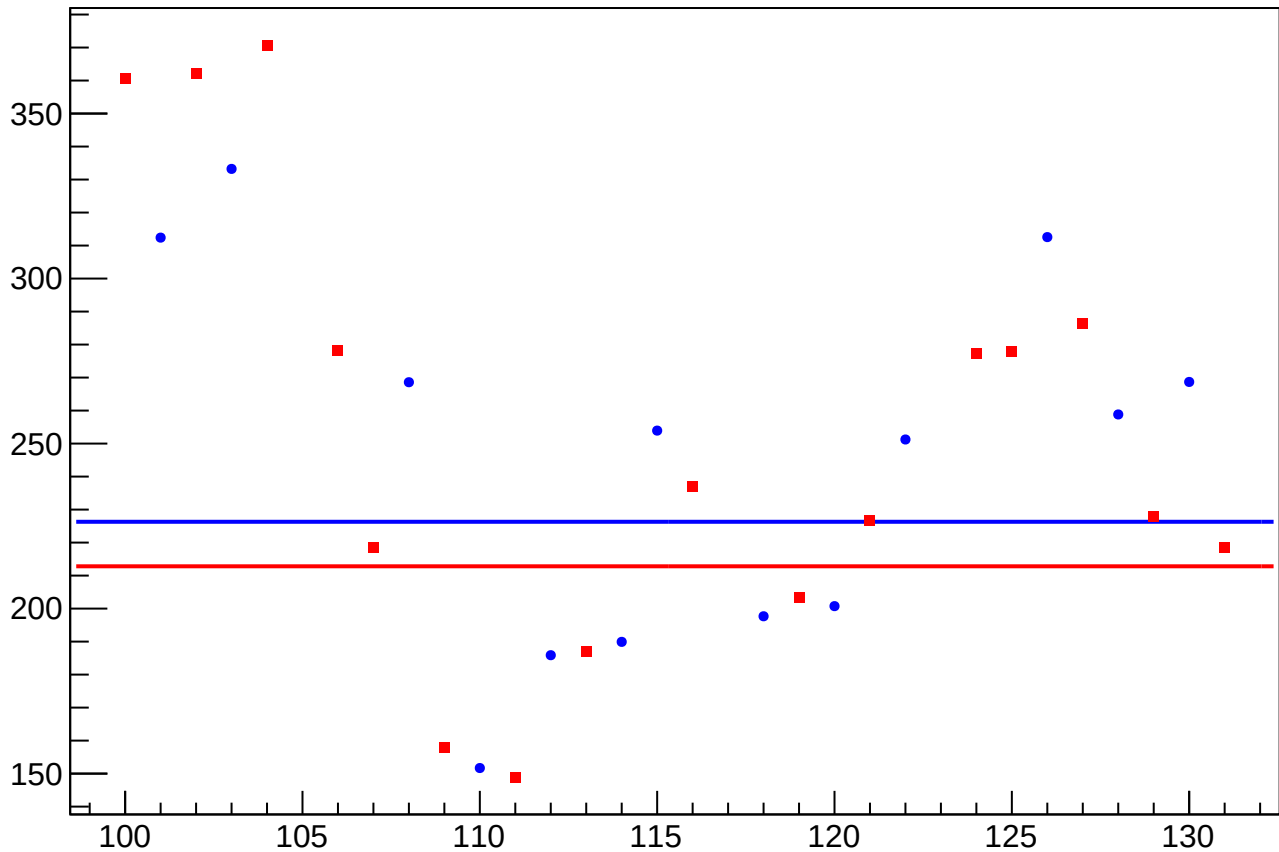
Right: -815.118+/-66.691 χ^2/NDF : 596.3/28

In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.118+/-66.691 χ^2/NDF : 596.3/28

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 226.306+/-0.071 χ^2/NDF : 612389.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.815+/-0.063 χ^2/NDF : 883149.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

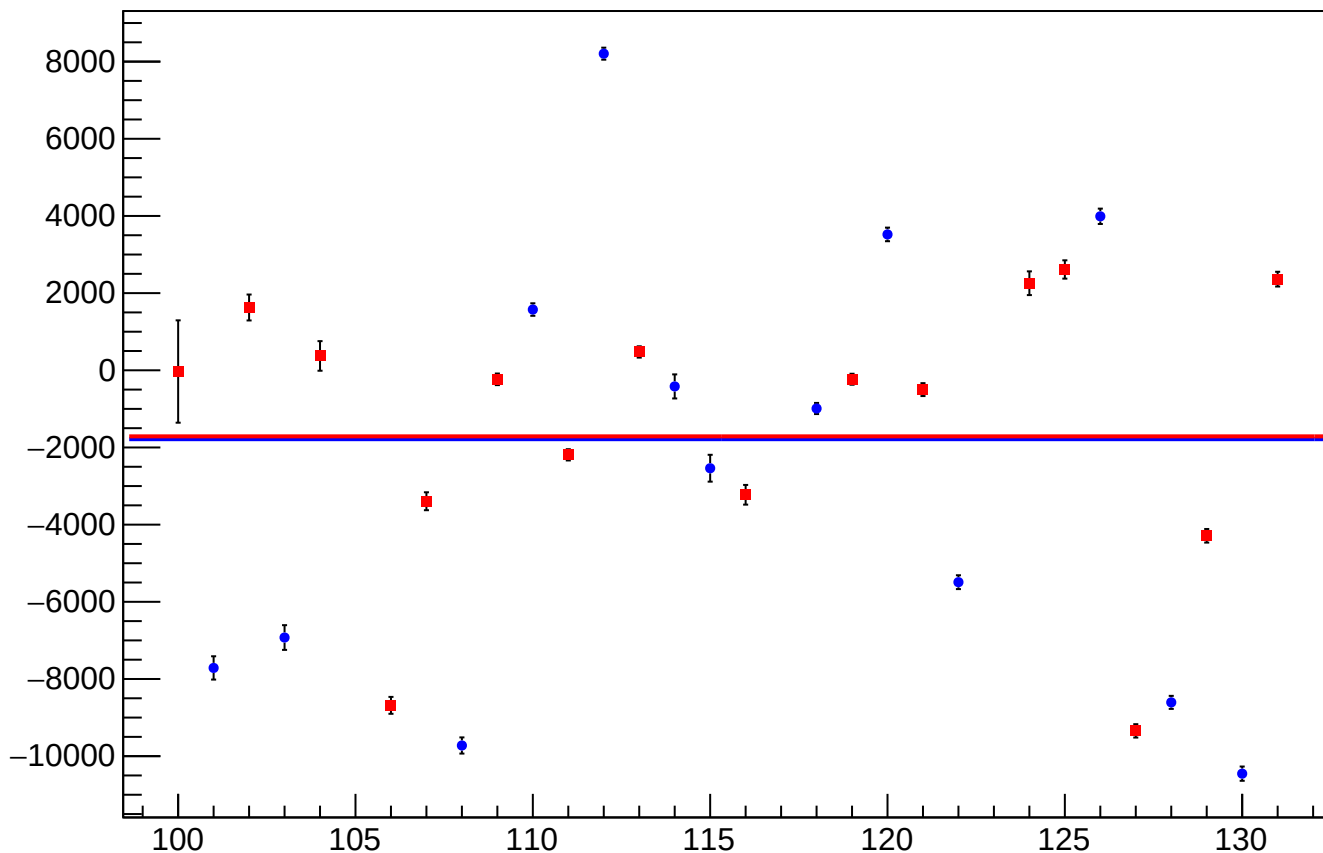
Right: 218.743+/-0.047 χ^2/NDF : 1515697.9/28

In: 226.306+/-0.071 χ^2/NDF : 612389.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.743+/-0.047 χ^2/NDF : 1515697.9/28

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1785.167+/-54.058 χ^2/NDF : 12688.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1711.874+/-49.059 χ^2/NDF : 4829.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

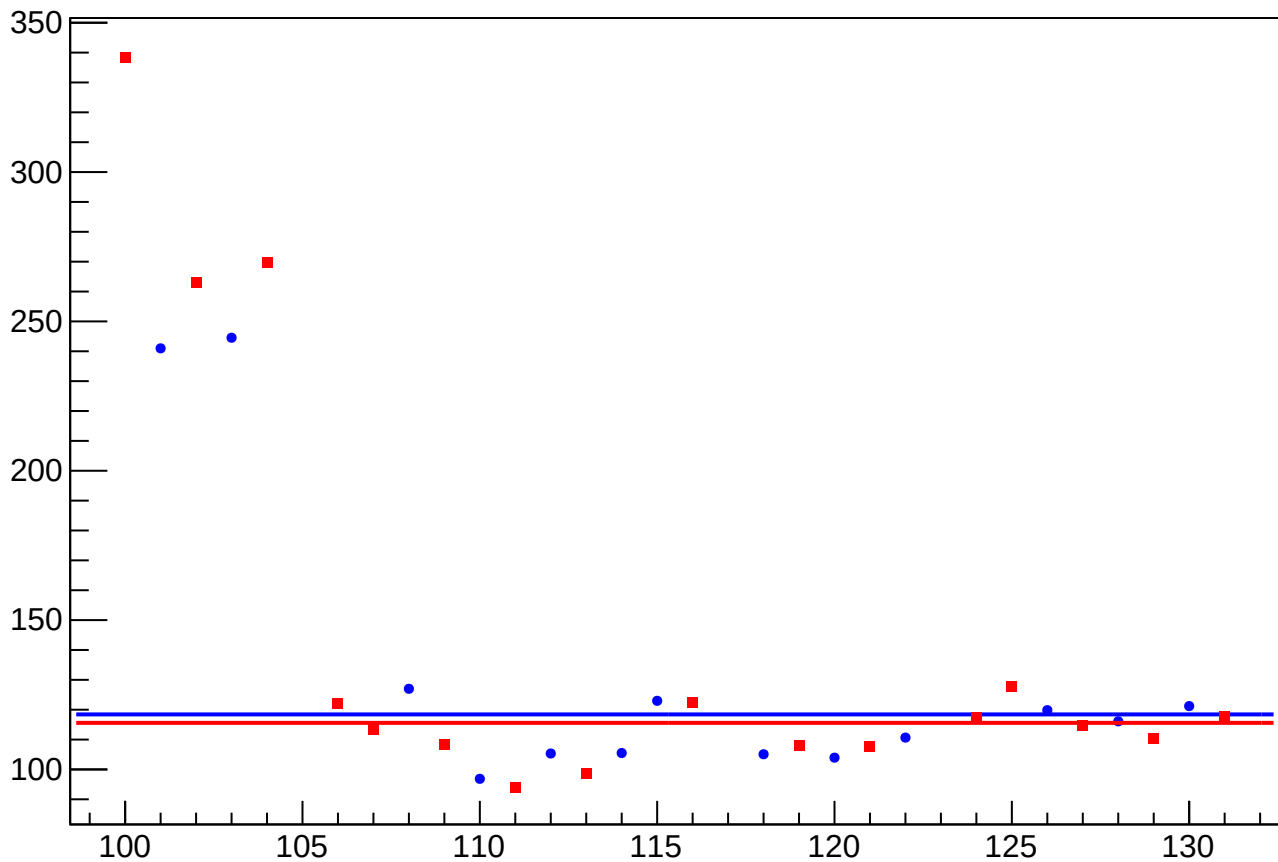
Right: -1744.975+/-36.329 χ^2/NDF : 17518.6/28

In: -1785.167+/-54.058 χ^2/NDF :12688.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1744.975+/-36.329 χ^2/NDF : 17518.6/28

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.593+/-0.035 χ^2/NDF : 862455.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

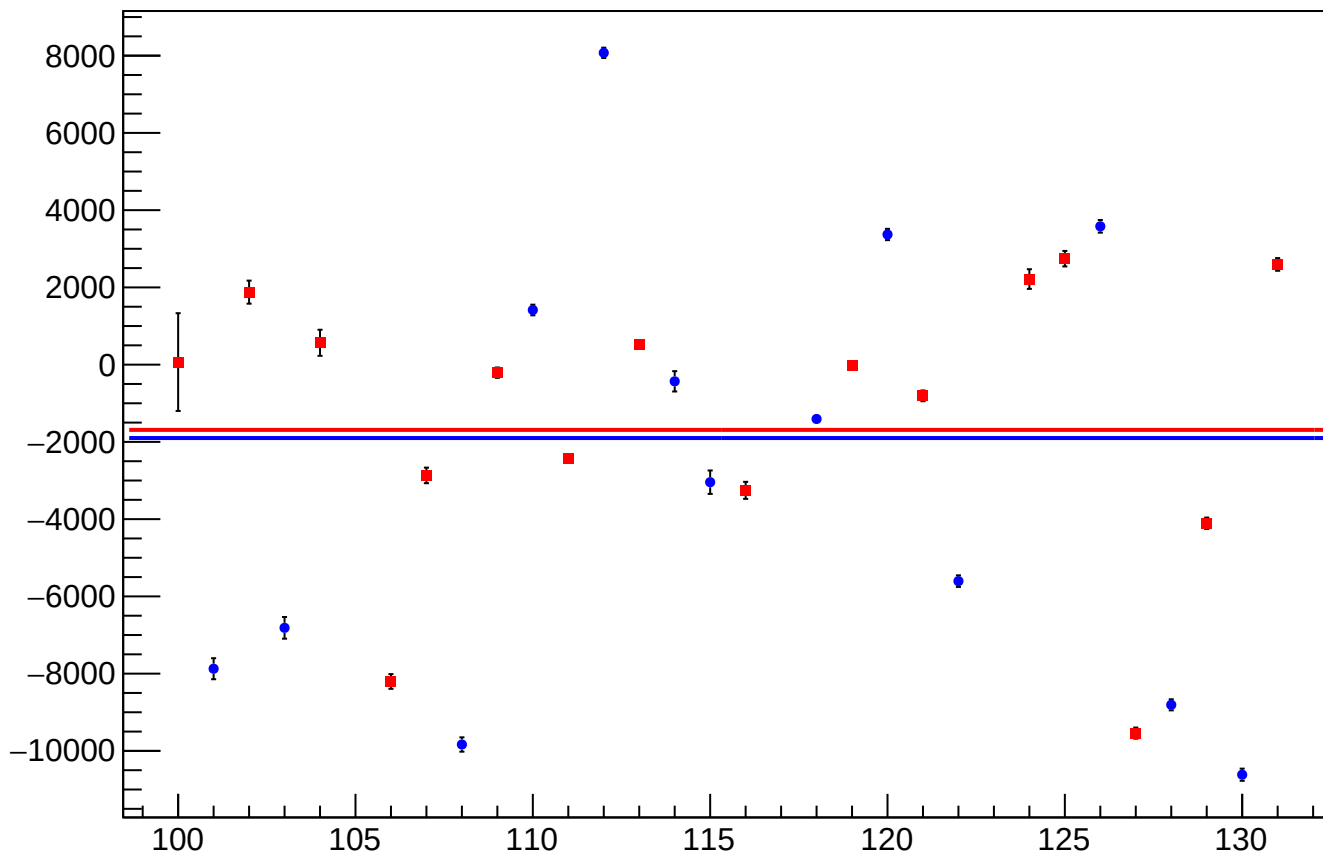
Right: 116.871+/-0.026 χ^2/NDF : 1596880.0/28

In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.871+/-0.026 χ^2/NDF : 1596880.0/28

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1899.975 ± 45.881 $\chi^2/\text{NDF}: 17235.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1688.733 ± 41.672 $\chi^2/\text{NDF}: 6825.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

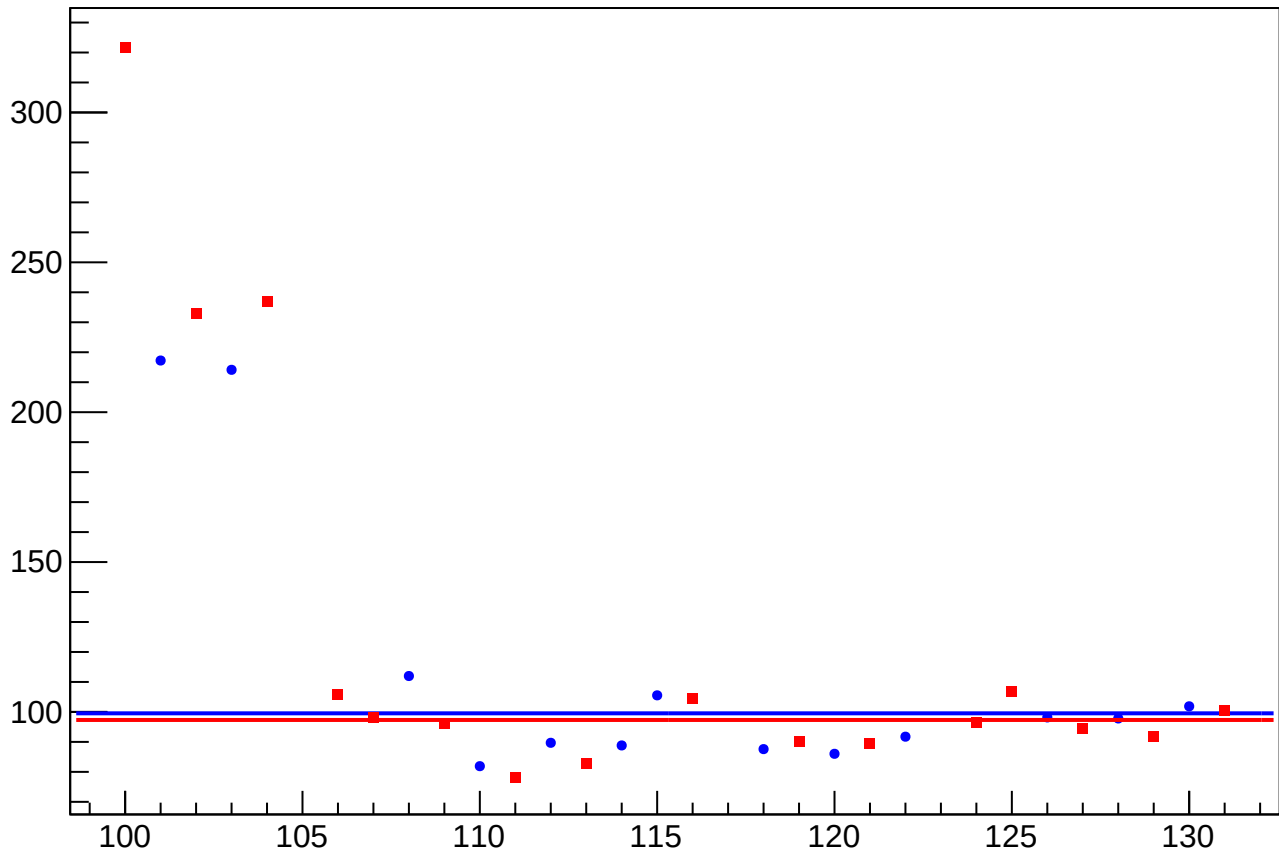
Right: -1784.221 ± 30.847 $\chi^2/\text{NDF}: 24072.5/28$

In: -1899.975 ± 45.881 $\chi^2/\text{NDF}: 17235.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1784.221 ± 30.847 $\chi^2/\text{NDF}: 24072.5/28$

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.533+/-0.032 χ^2/NDF : 806719.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.318+/-0.029 χ^2/NDF : 924233.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

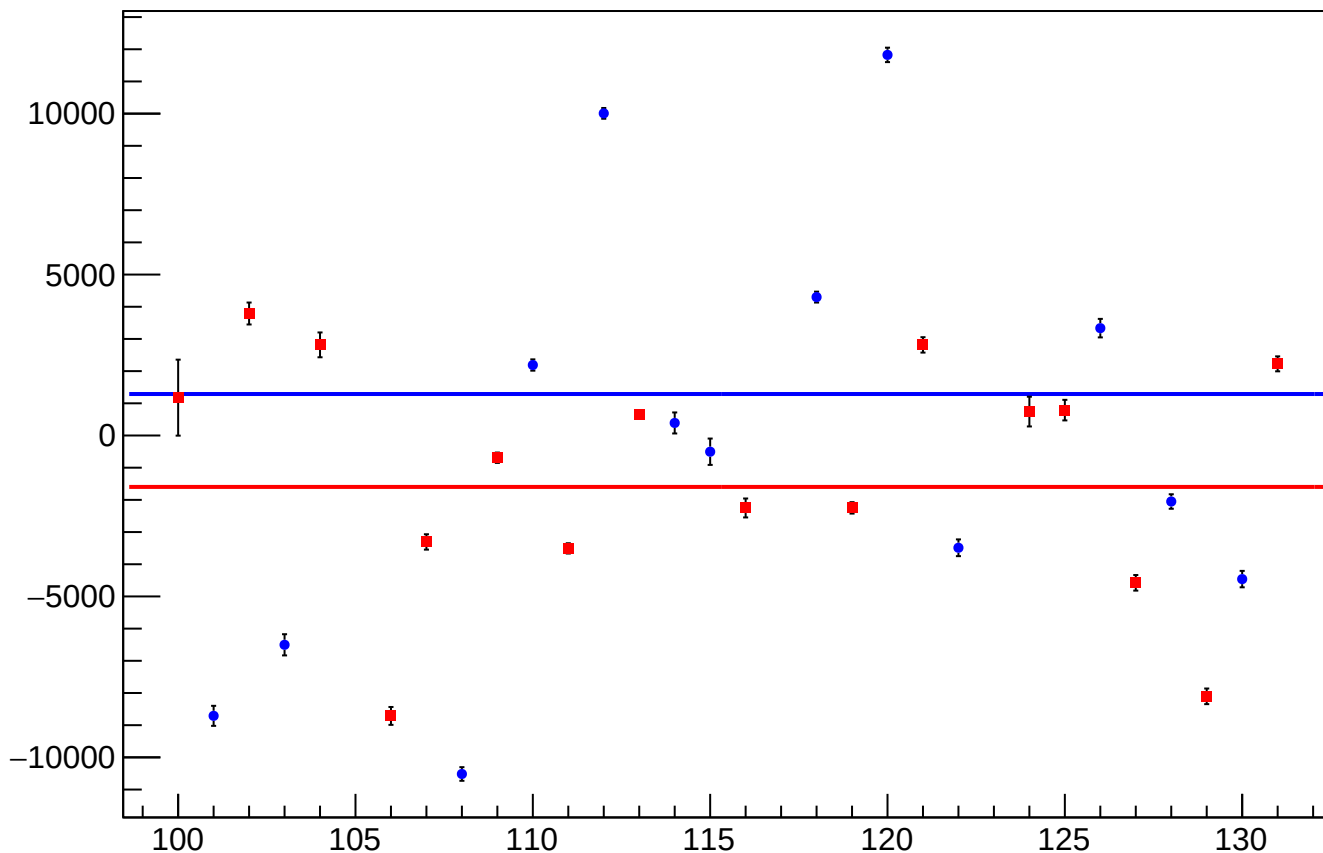
Right: 98.320+/-0.022 χ^2/NDF : 1733506.5/28

In: 99.533+/-0.032 χ^2/NDF : 806719.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.320+/-0.022 χ^2/NDF : 1733506.5/28

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1288.841+/-64.237 χ^2/NDF : 11119.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1597.586+/-58.377 χ^2/NDF : 3059.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

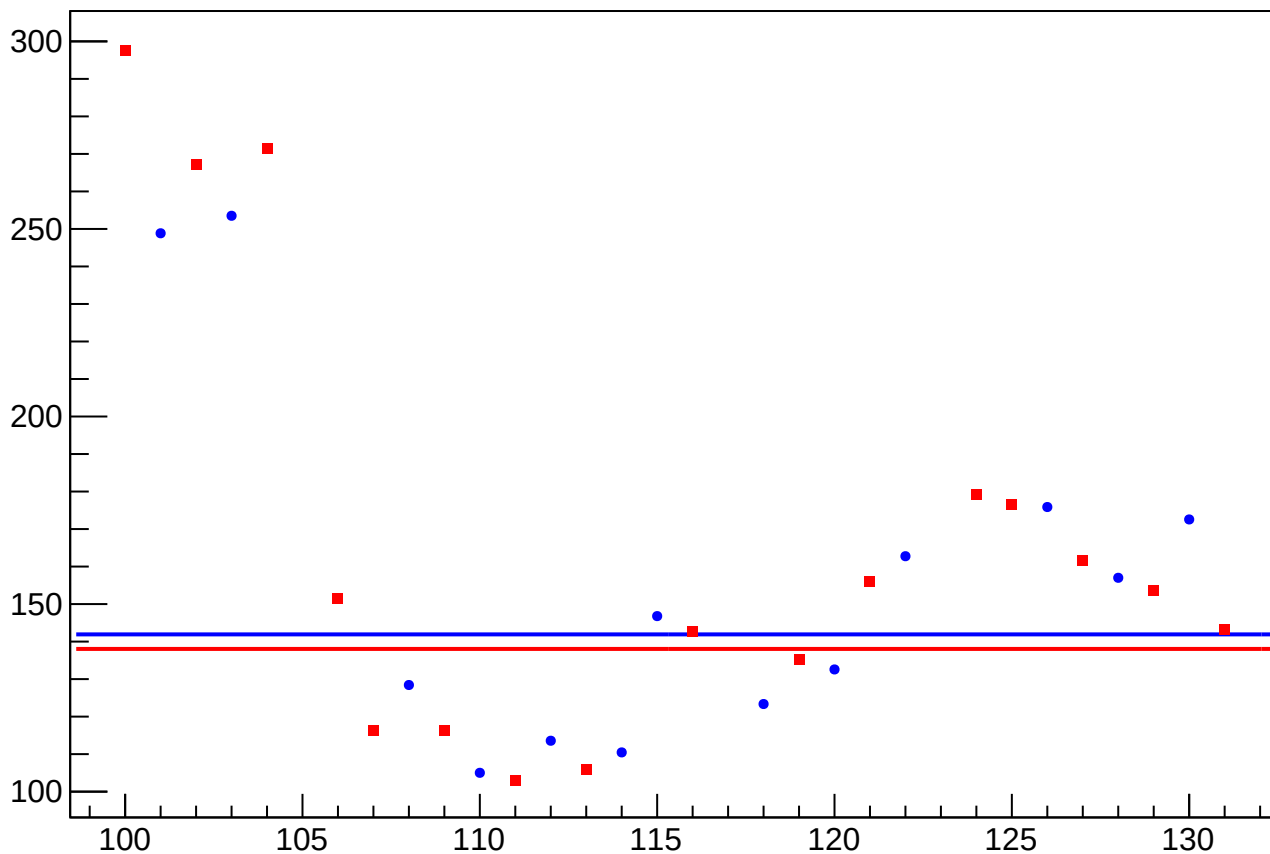
Right: -291.996+/-43.202 χ^2/NDF : 15284.4/28

In: 1288.841+/-64.237 χ^2/NDF :11119.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -291.996+/-43.202 χ^2/NDF : 15284.4/28

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 141.920+/-0.045 χ^2/NDF : 744894.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 138.044+/-0.041 χ^2/NDF : 886056.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

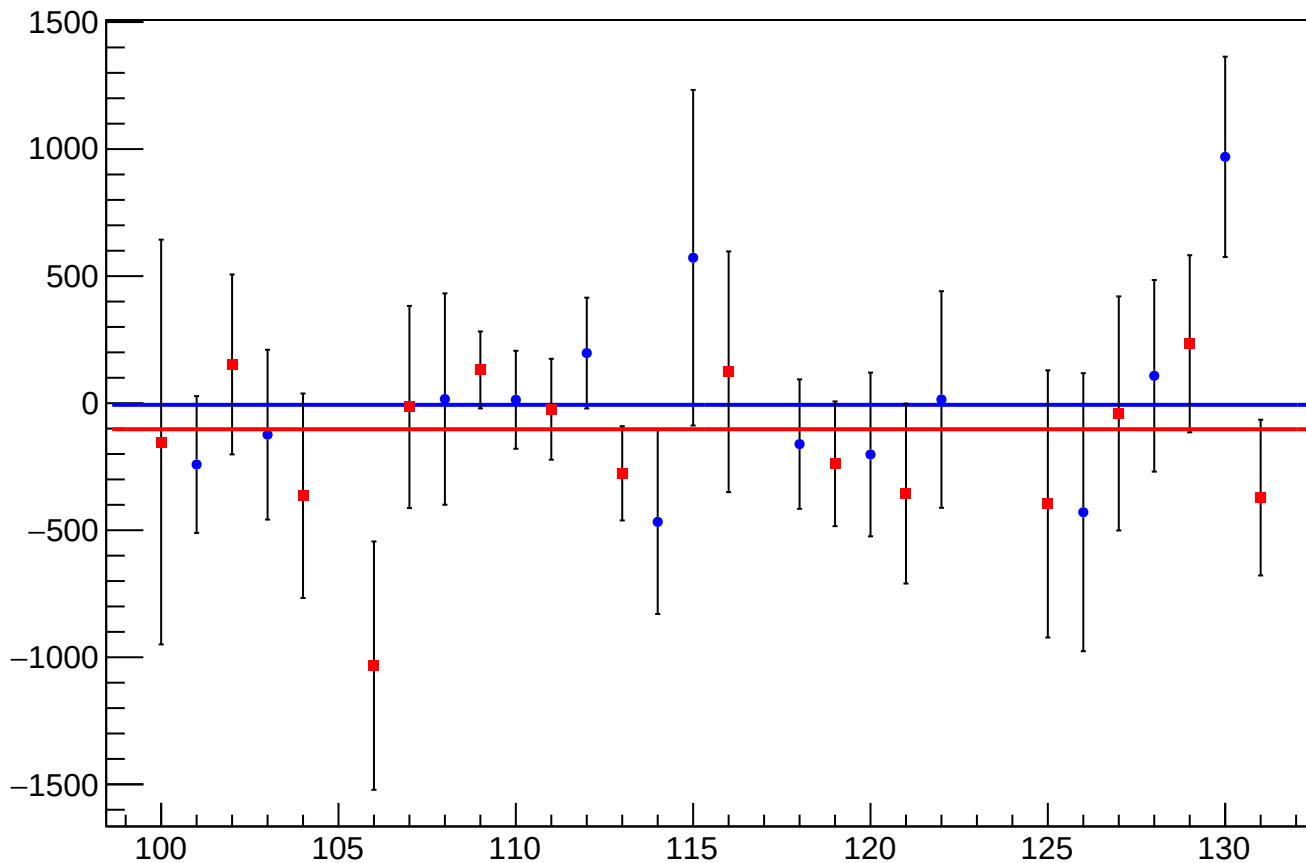
Right: 139.797+/-0.031 χ^2/NDF : 1634939.4/28

In: 141.920+/-0.045 χ^2/NDF :744894.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 139.797+/-0.031 χ^2/NDF : 1634939.4/28

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -6.467 ± 86.472 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.556 ± 74.431 χ^2/NDF : 11.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

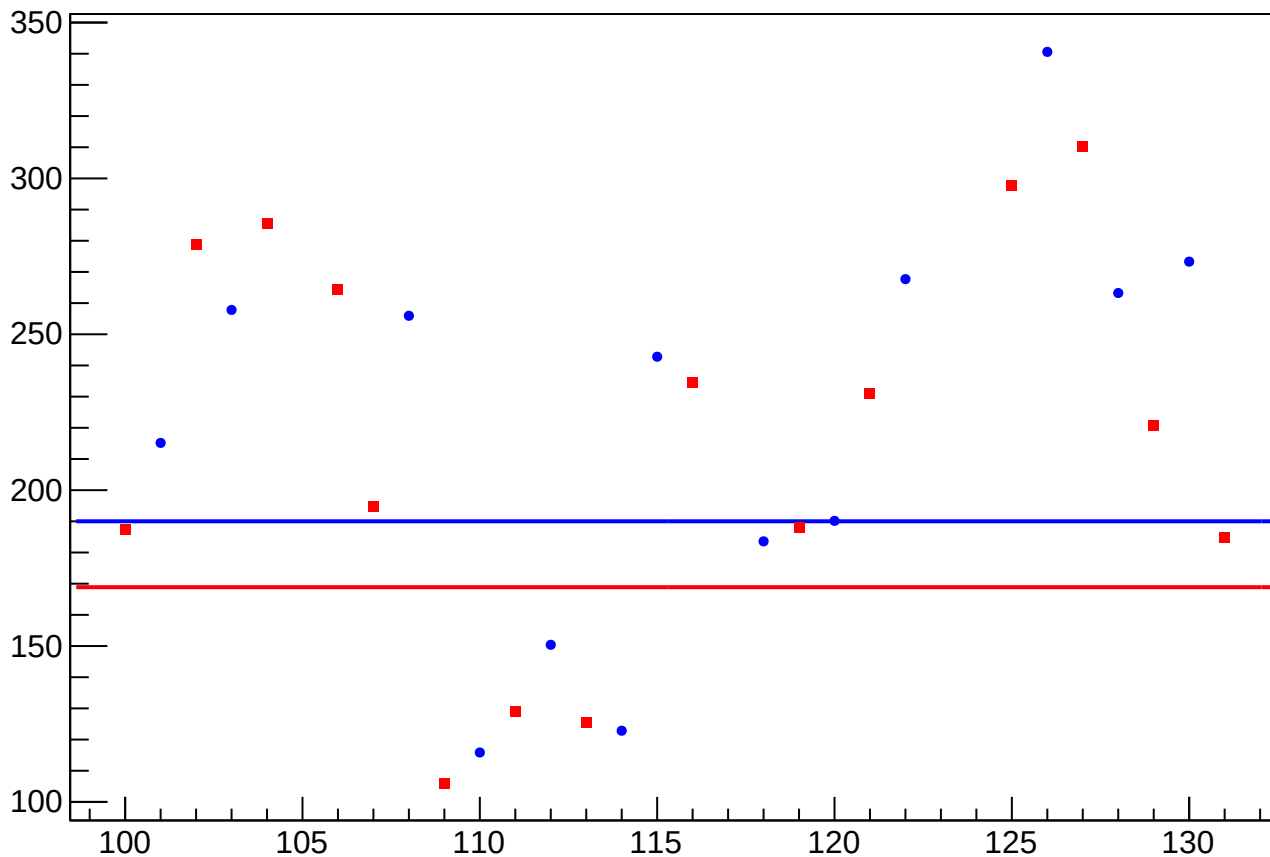
Right: -61.662 ± 56.411 χ^2/NDF : 23.5/27

In: -6.467 ± 86.472 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.662 ± 56.411 χ^2/NDF : 23.5/27

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 190.017+/-0.061 χ^2/NDF : 977322.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.879+/-0.053 χ^2/NDF : 1453329.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

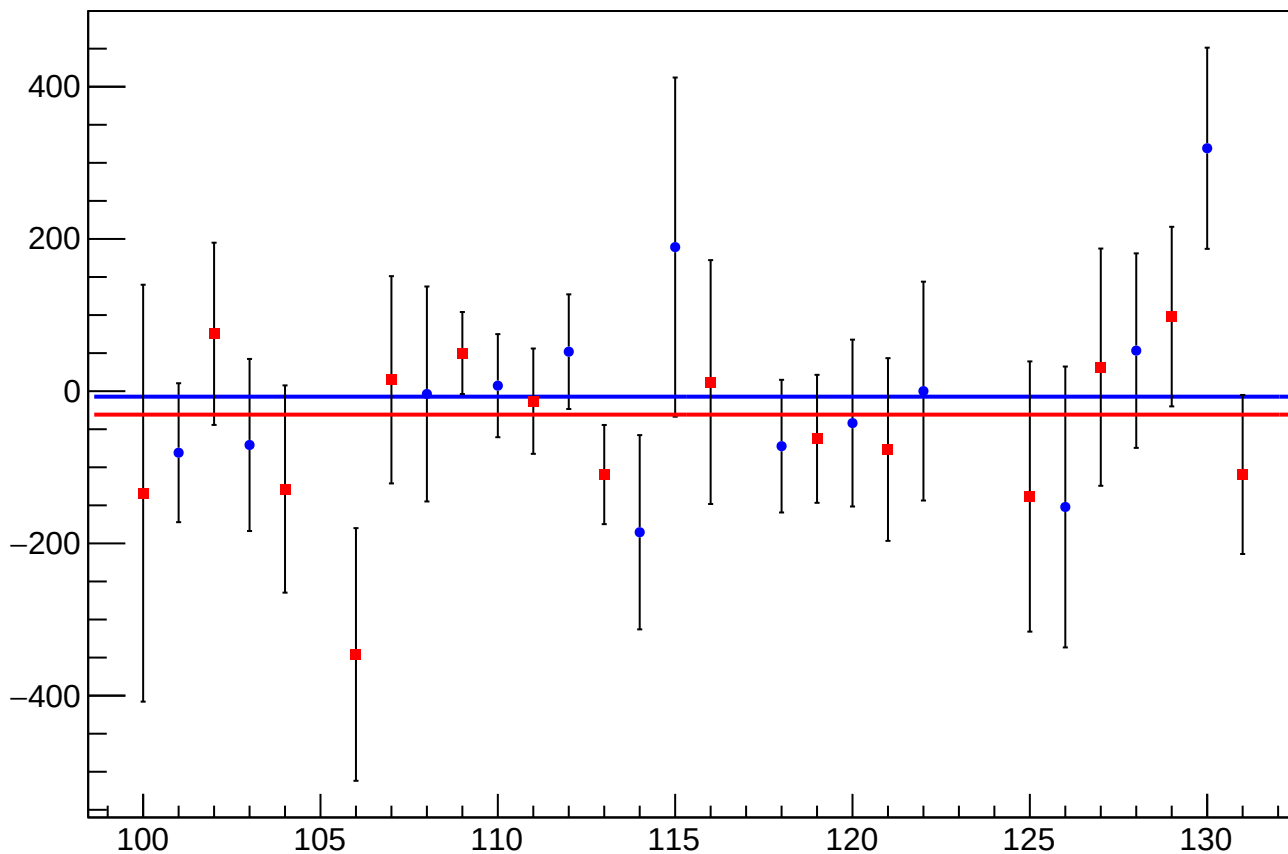
Right: 177.875+/-0.040 χ^2/NDF : 2499296.4/27

In: 190.017+/-0.061 χ^2/NDF :977322.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.875+/-0.040 χ^2/NDF : 2499296.4/27

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.206 ± 29.677 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.802 ± 25.798 $\chi^2/\text{NDF}: 11.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

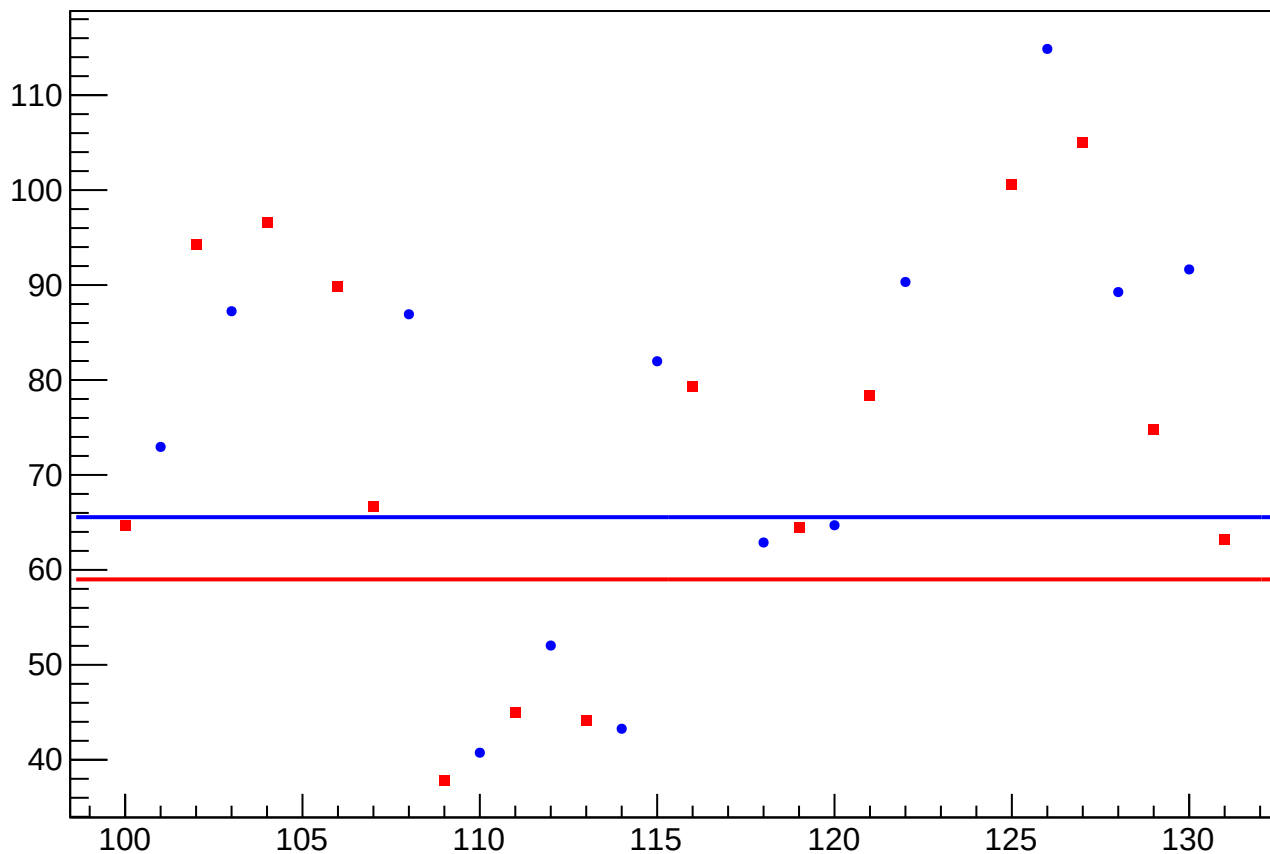
Right: -20.646 ± 19.470 $\chi^2/\text{NDF}: 23.9/27$

In: -7.206 ± 29.677 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.646 ± 19.470 $\chi^2/\text{NDF}: 23.9/27$

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 65.553+/-0.021 χ^2/NDF : 888184.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 58.999+/-0.018 χ^2/NDF : 1313862.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

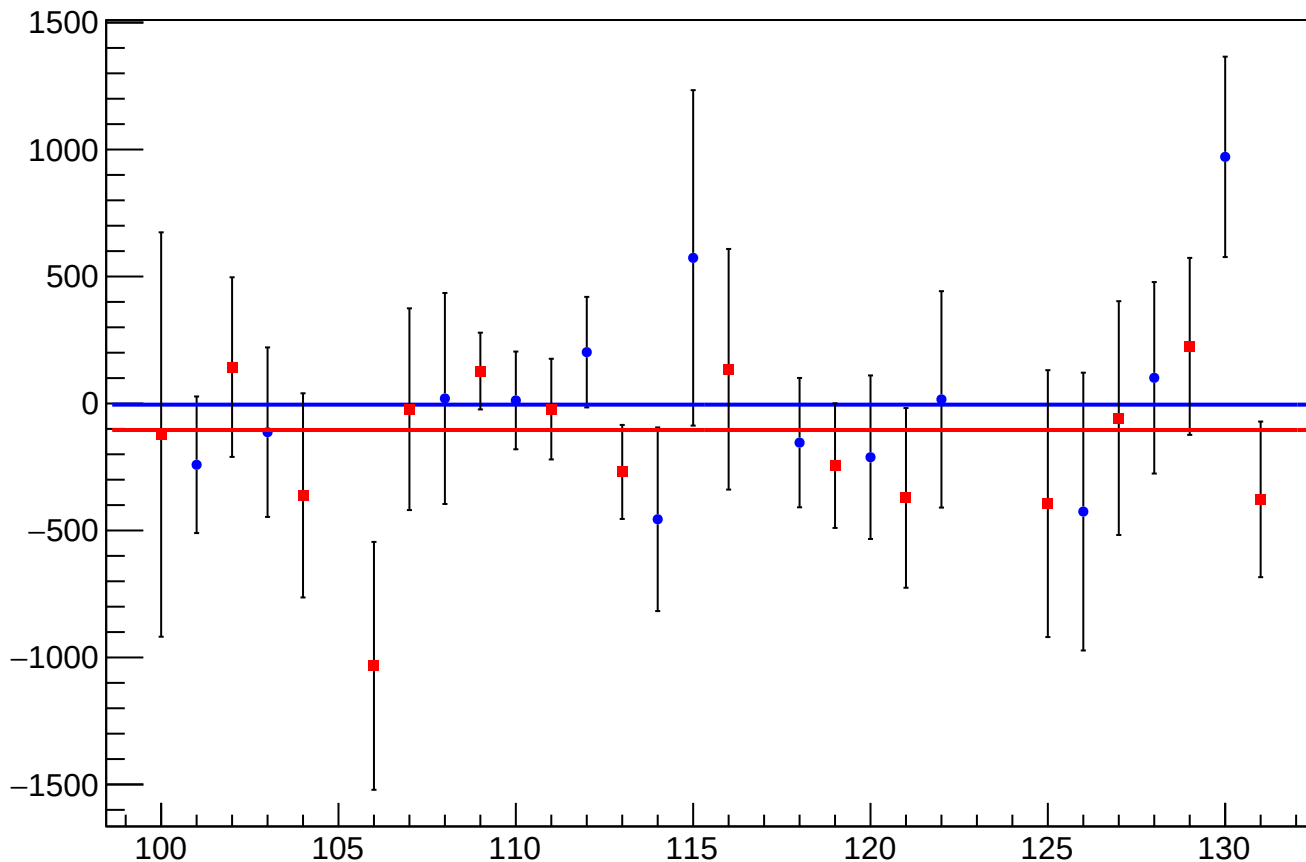
Right: 61.820+/-0.014 χ^2/NDF : 2257593.2/27

In: 65.553+/-0.021 χ^2/NDF :888184.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.820+/-0.014 χ^2/NDF : 2257593.2/27

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -104.334 ± 74.321 $\chi^2/\text{NDF}: 11.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

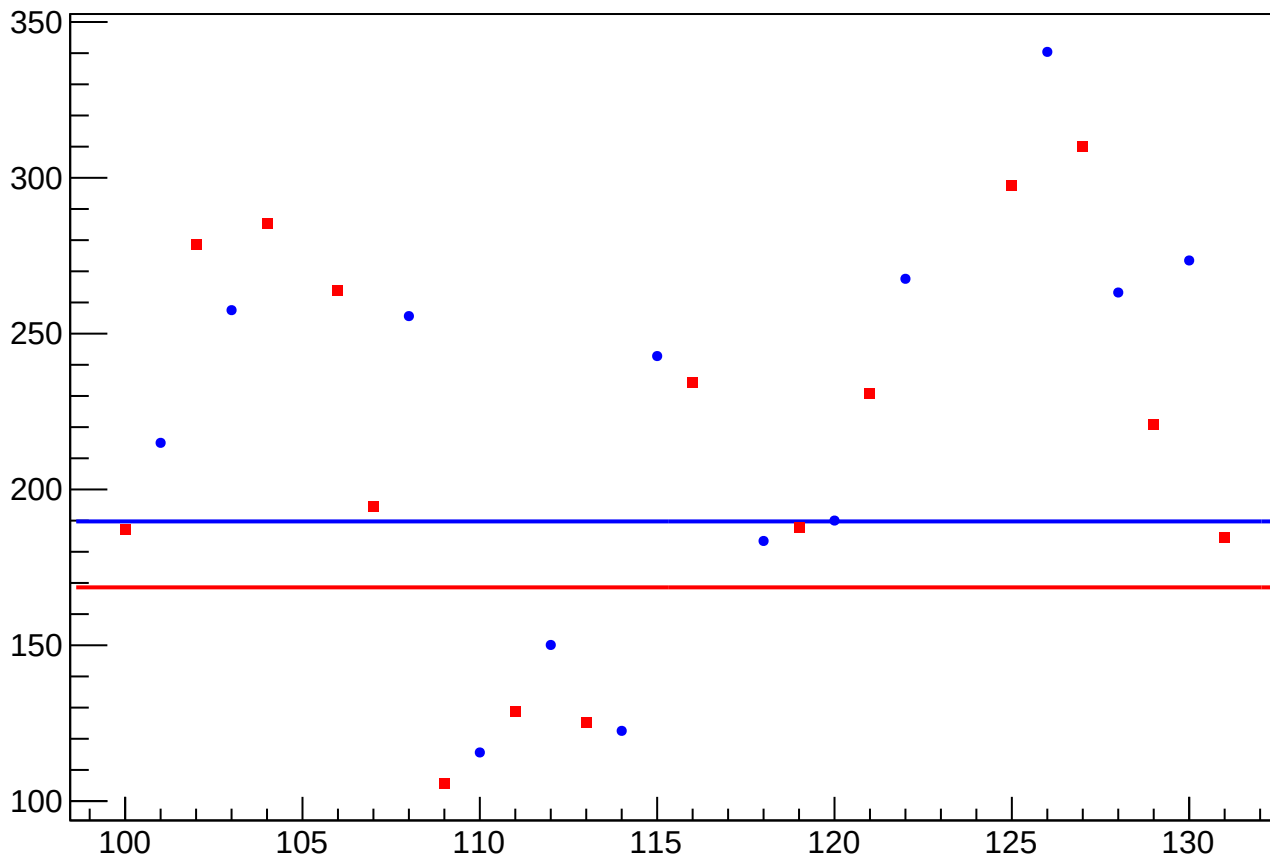
Right: -61.866 ± 56.335 $\chi^2/\text{NDF}: 23.5/27$

In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.866 ± 56.335 $\chi^2/\text{NDF}: 23.5/27$

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 189.747+/-0.061 χ^2/NDF : 981523.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.586+/-0.053 χ^2/NDF : 1458493.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

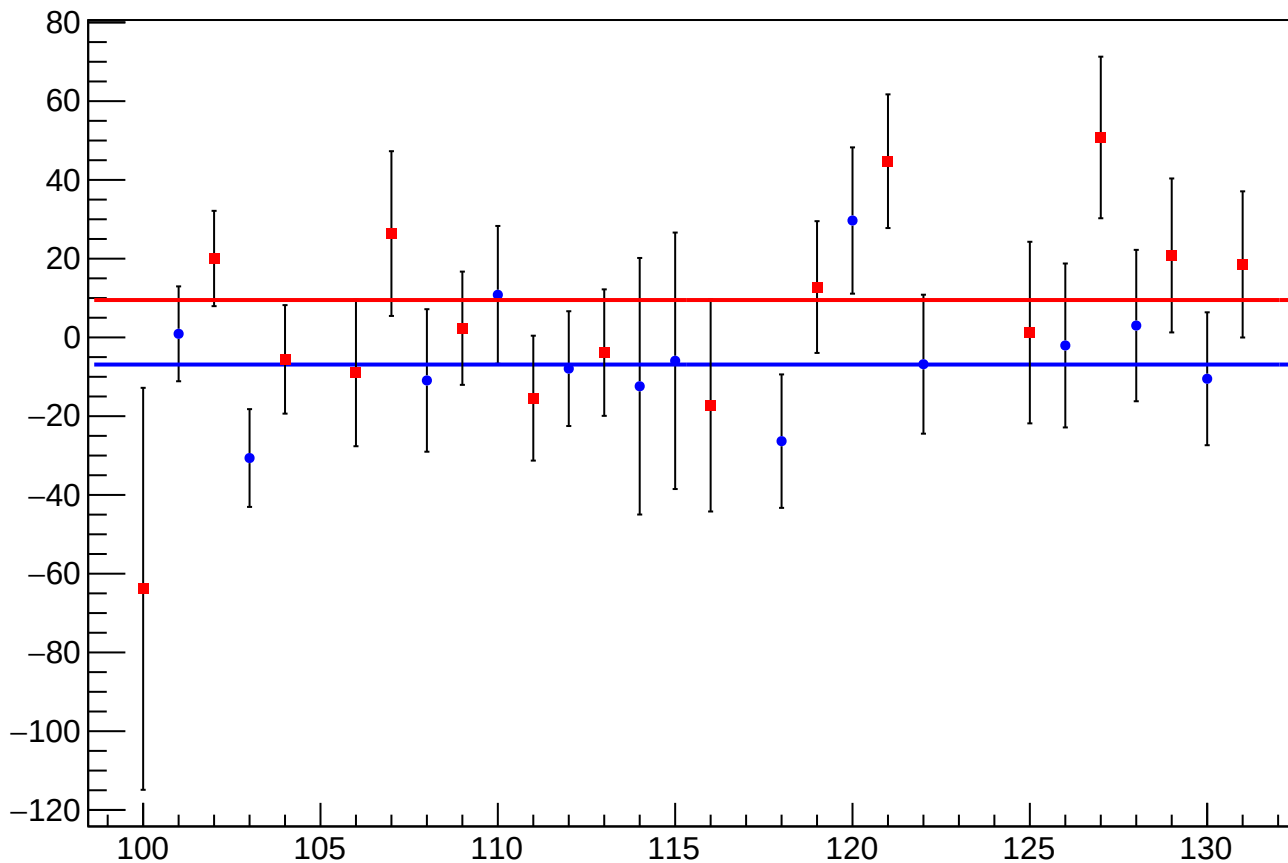
Right: 177.589+/-0.040 χ^2/NDF : 2509001.8/27

In: 189.747+/-0.061 χ^2/NDF :981523.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.589+/-0.040 χ^2/NDF : 2509001.8/27

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -6.888 $\pm$ 4.745 χ^2/NDF : 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9.494 $\pm$ 4.539 χ^2/NDF : 19.2/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

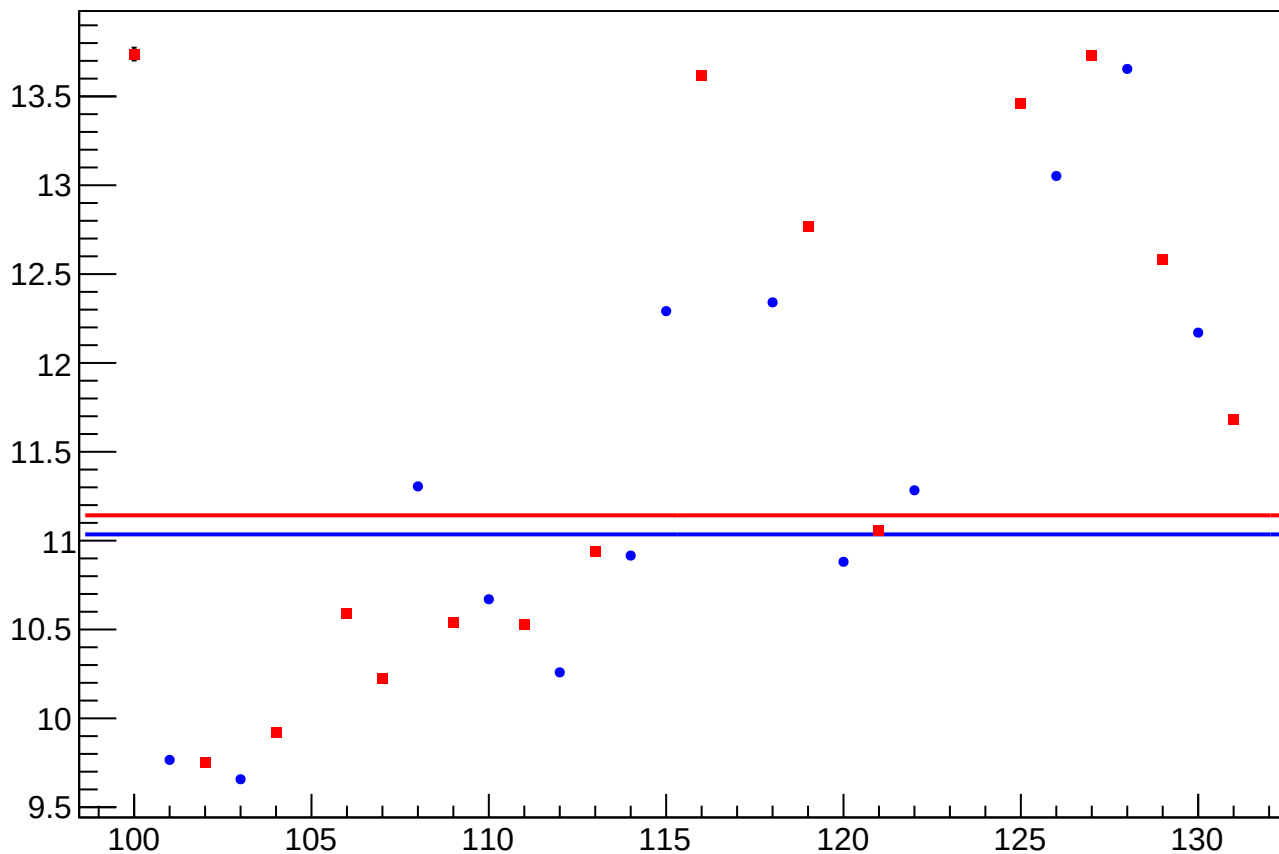
Right: 1.666 $\pm$ 3.280 χ^2/NDF : 36.1/27

In: -6.888 $\pm$ 4.745 χ^2/NDF : 10.7/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1.666 $\pm$ 3.280 χ^2/NDF : 36.1/27

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.142+/-0.003 χ^2/NDF : 160091.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

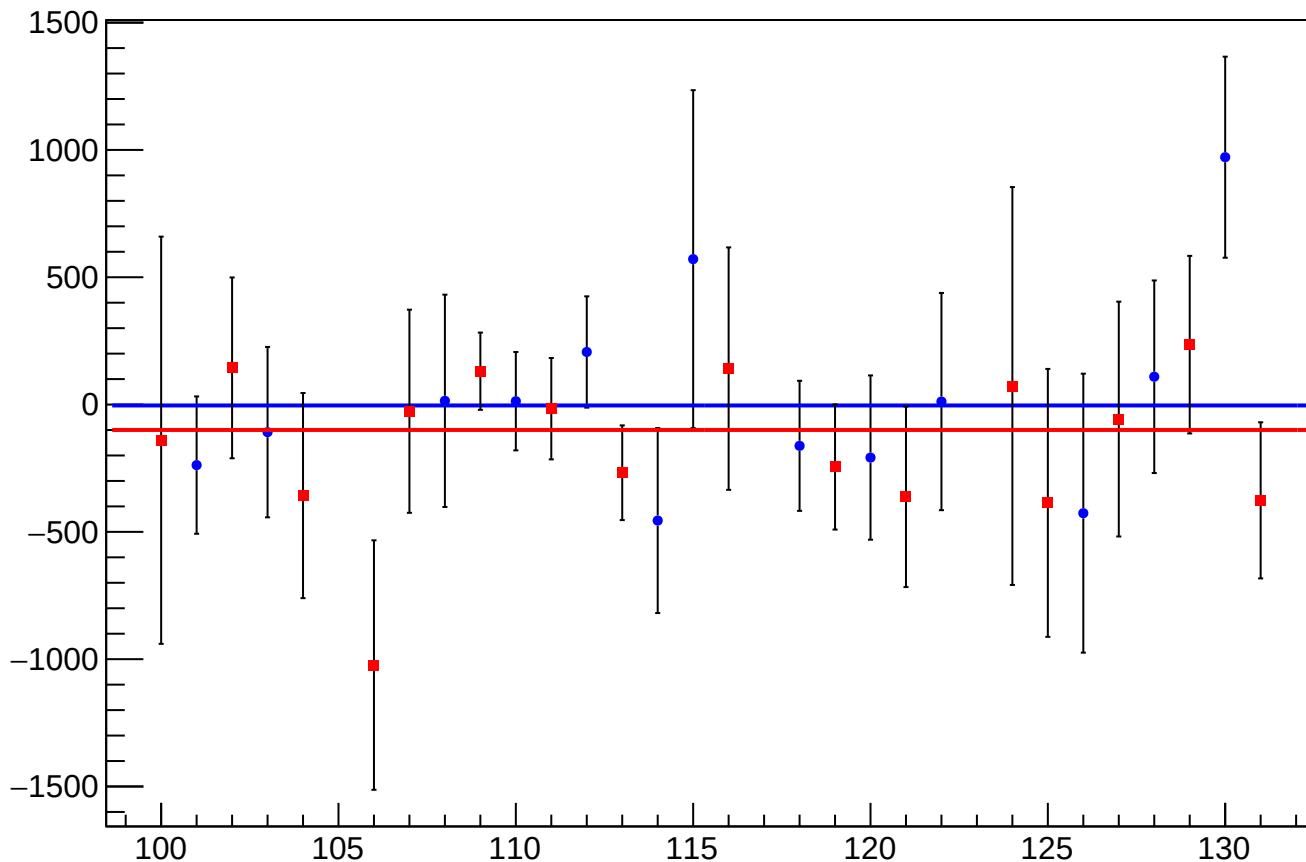
Right: 11.091+/-0.002 χ^2/NDF : 294805.3/27

In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.091+/-0.002 χ^2/NDF : 294805.3/27

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -3.549+/-86.656 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.765+/-74.241 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

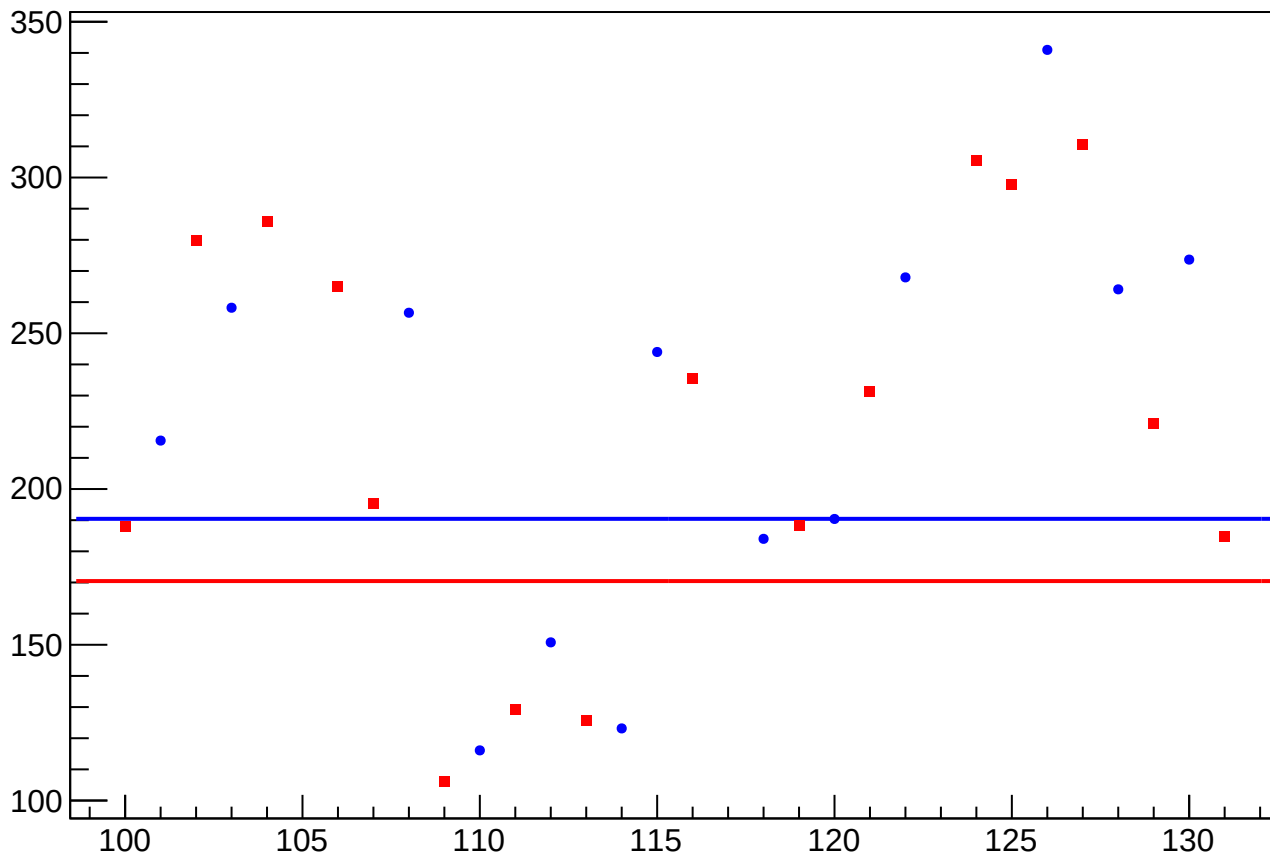
Right: -59.037+/-56.380 χ^2/NDF : 23.4/28

In: -3.549+/-86.656 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.037+/-56.380 χ^2/NDF : 23.4/28

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 190.432+/-0.061 χ^2/NDF : 976206.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.452+/-0.052 χ^2/NDF : 1512150.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

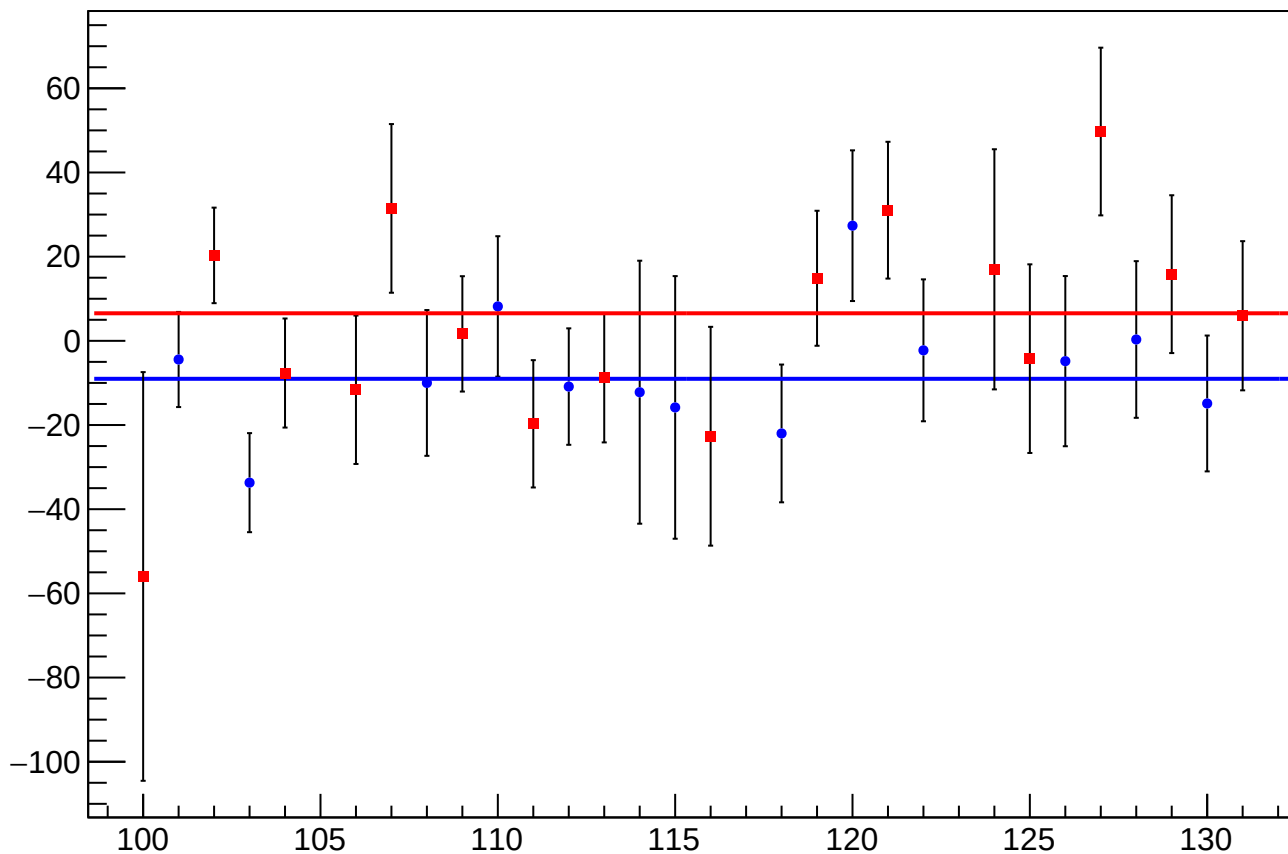
Right: 178.909+/-0.040 χ^2/NDF : 2549675.9/28

In: 190.432+/-0.061 χ^2/NDF : 976206.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.909+/-0.040 χ^2/NDF : 2549675.9/28

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -9.020+/-4.527 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.546+/-4.275 χ^2/NDF : 20.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

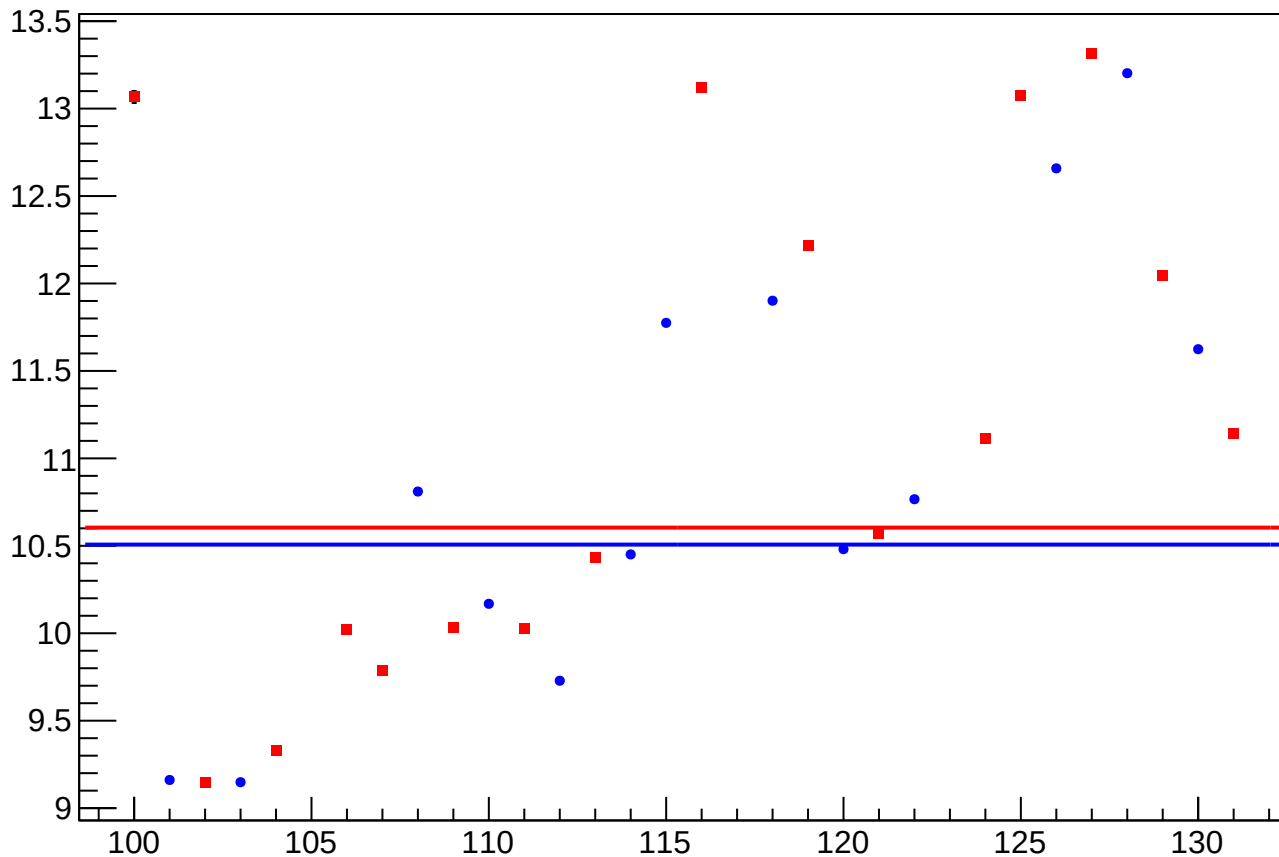
Right: -0.792+/-3.108 χ^2/NDF : 37.5/28

In: -9.020+/-4.527 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.792+/-3.108 χ^2/NDF : 37.5/28

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.604+/-0.003 χ^2/NDF : 184282.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

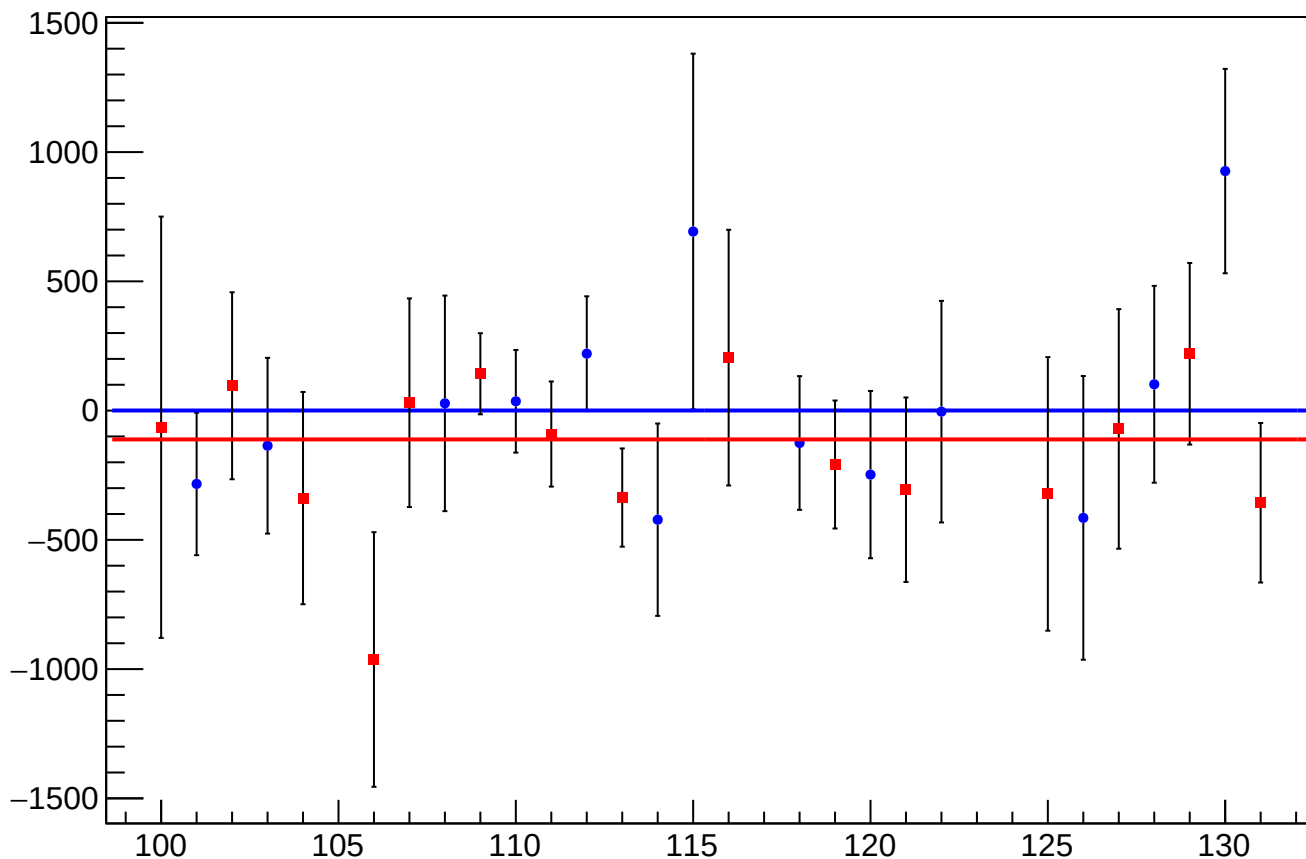
Right: 10.558+/-0.002 χ^2/NDF : 340046.0/28

In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.558+/-0.002 χ^2/NDF : 340046.0/28

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.478+/-76.037 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

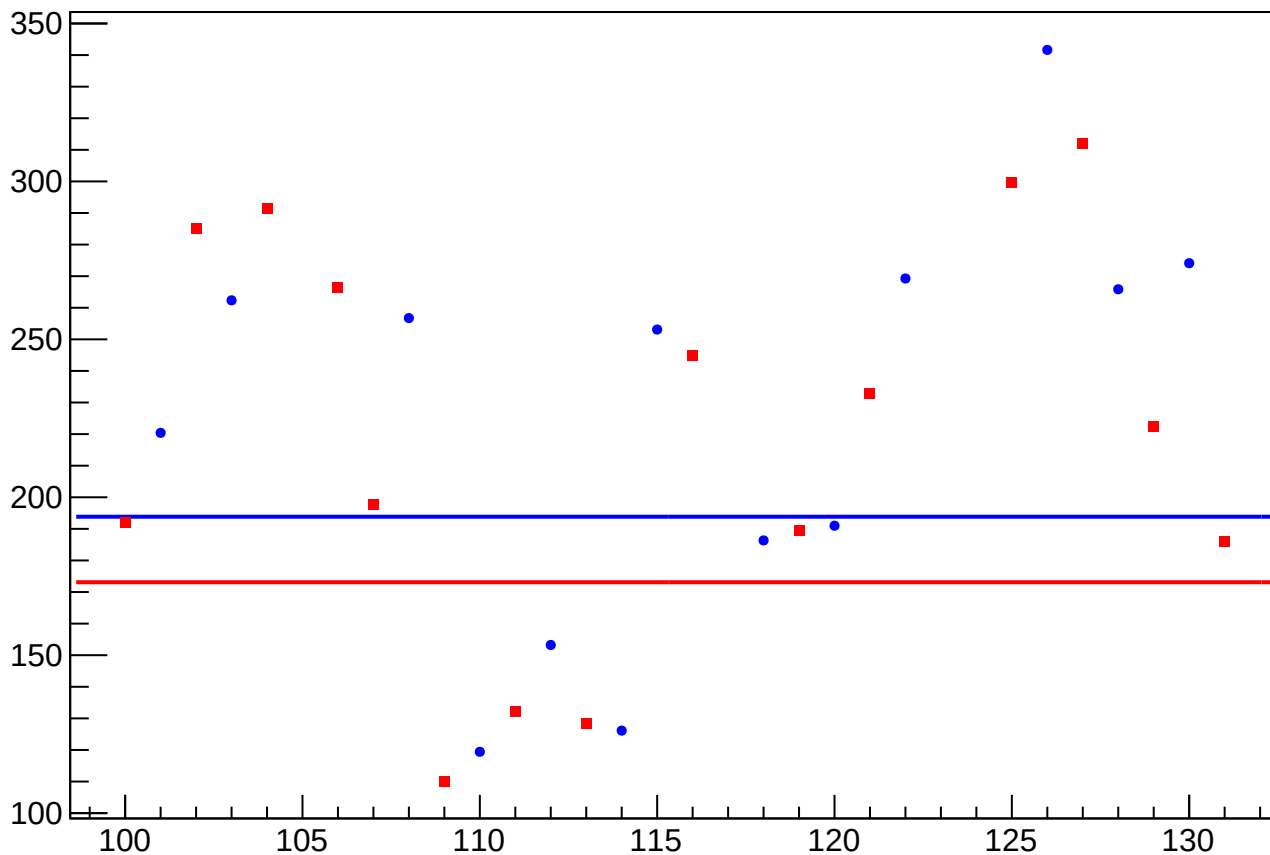
Right: -63.661+/-57.535 χ^2/NDF : 22.8/27

In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.661+/-57.535 χ^2/NDF : 22.8/27

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.108+/-0.054 χ^2/NDF : 1396732.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

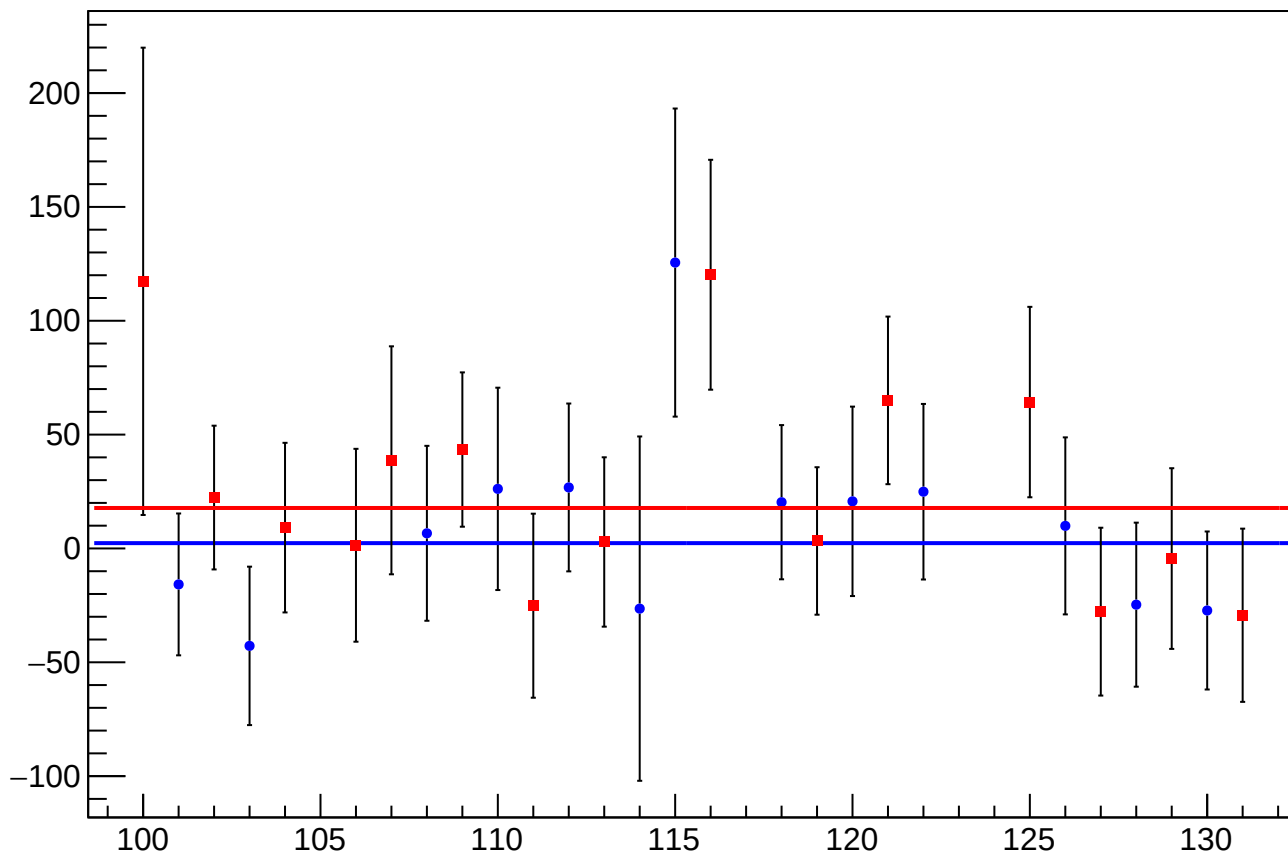
Right: 181.972+/-0.041 χ^2/NDF : 2397434.9/27

In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.972+/-0.041 χ^2/NDF : 2397434.9/27

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.773+/-10.154 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

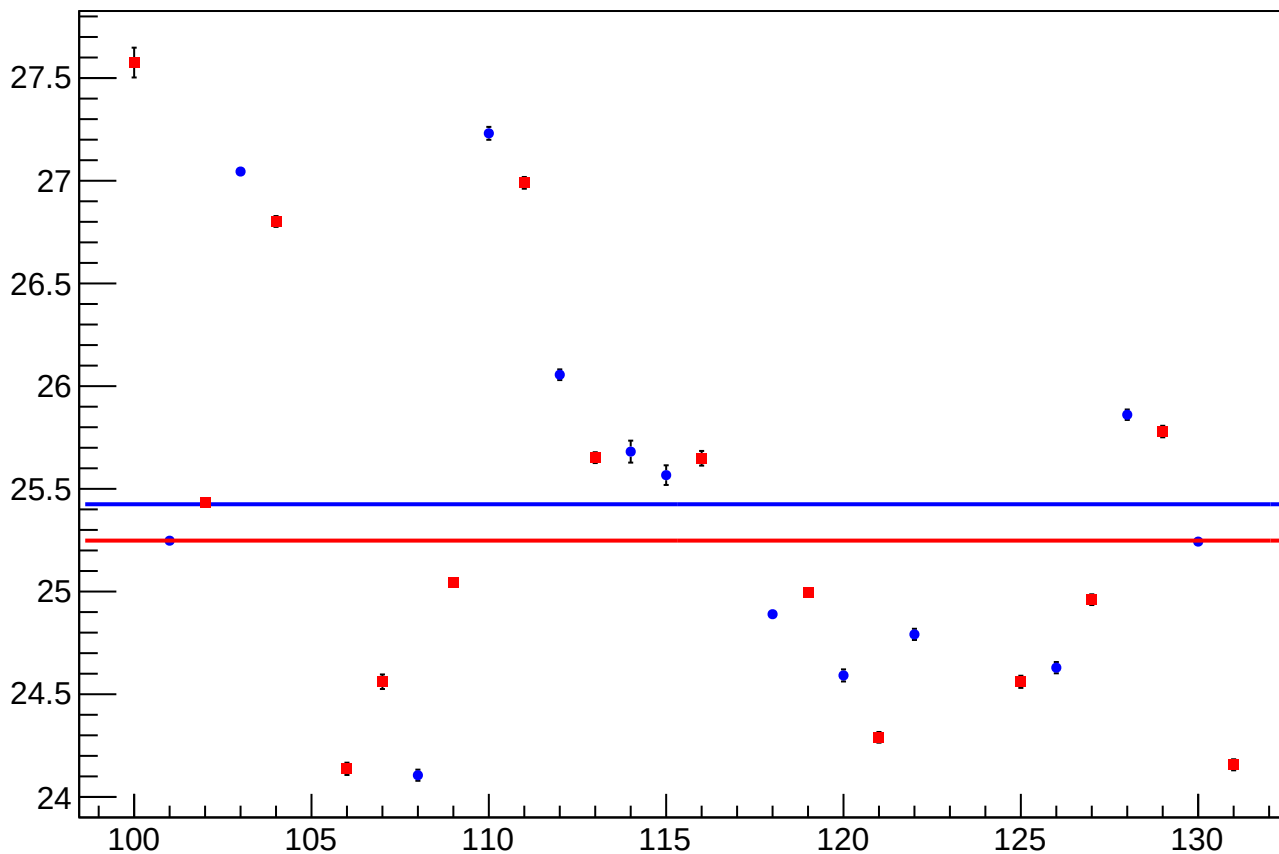
Right: 10.538+/-7.401 χ^2/NDF : 23.2/27

In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.538+/-7.401 χ^2/NDF : 23.2/27

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.425+/-0.008 χ^2/NDF : 13707.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.248+/-0.007 χ^2/NDF : 14624.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

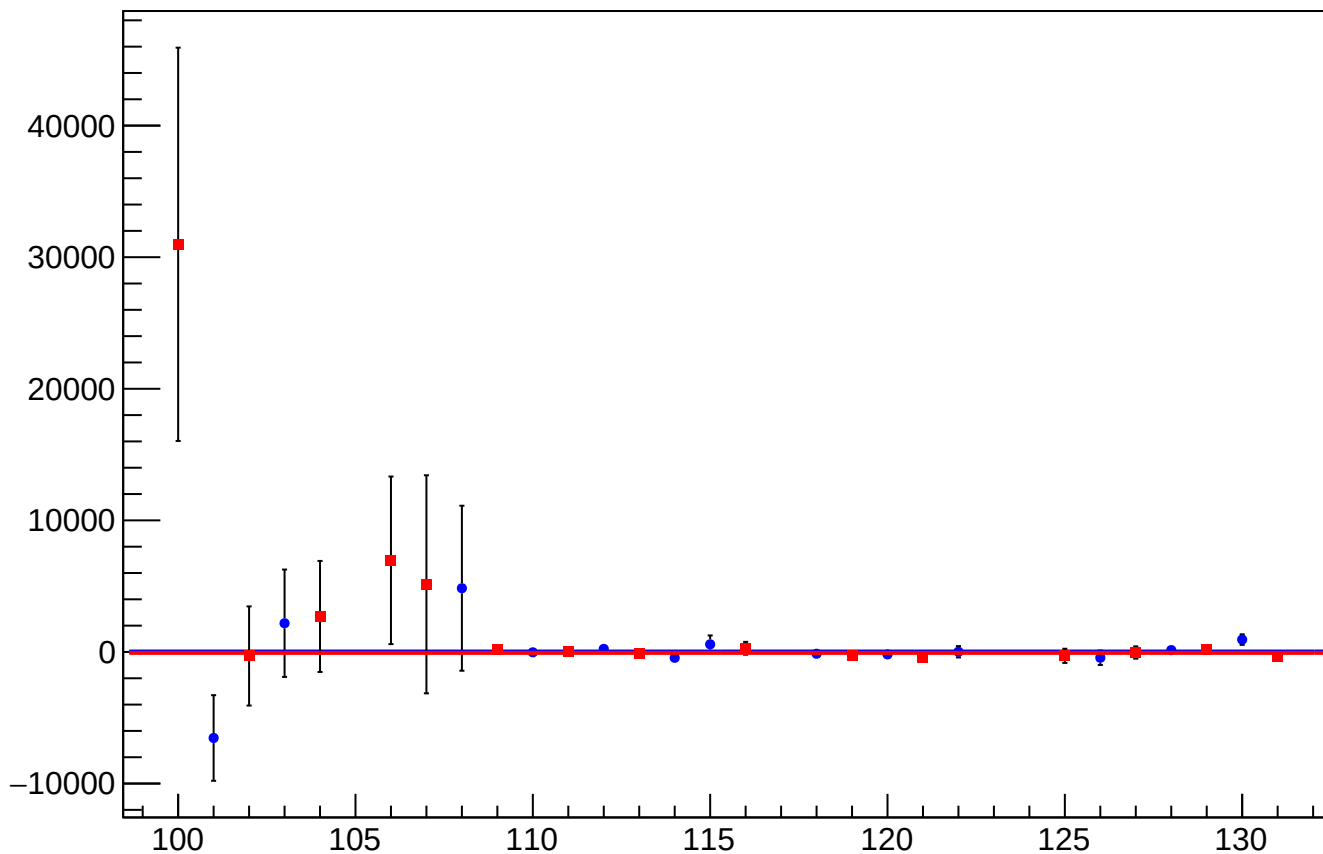
Right: 25.331+/-0.005 χ^2/NDF : 28616.2/27

In: 25.425+/-0.008 χ^2/NDF :13707.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.331+/-0.005 χ^2/NDF : 28616.2/27

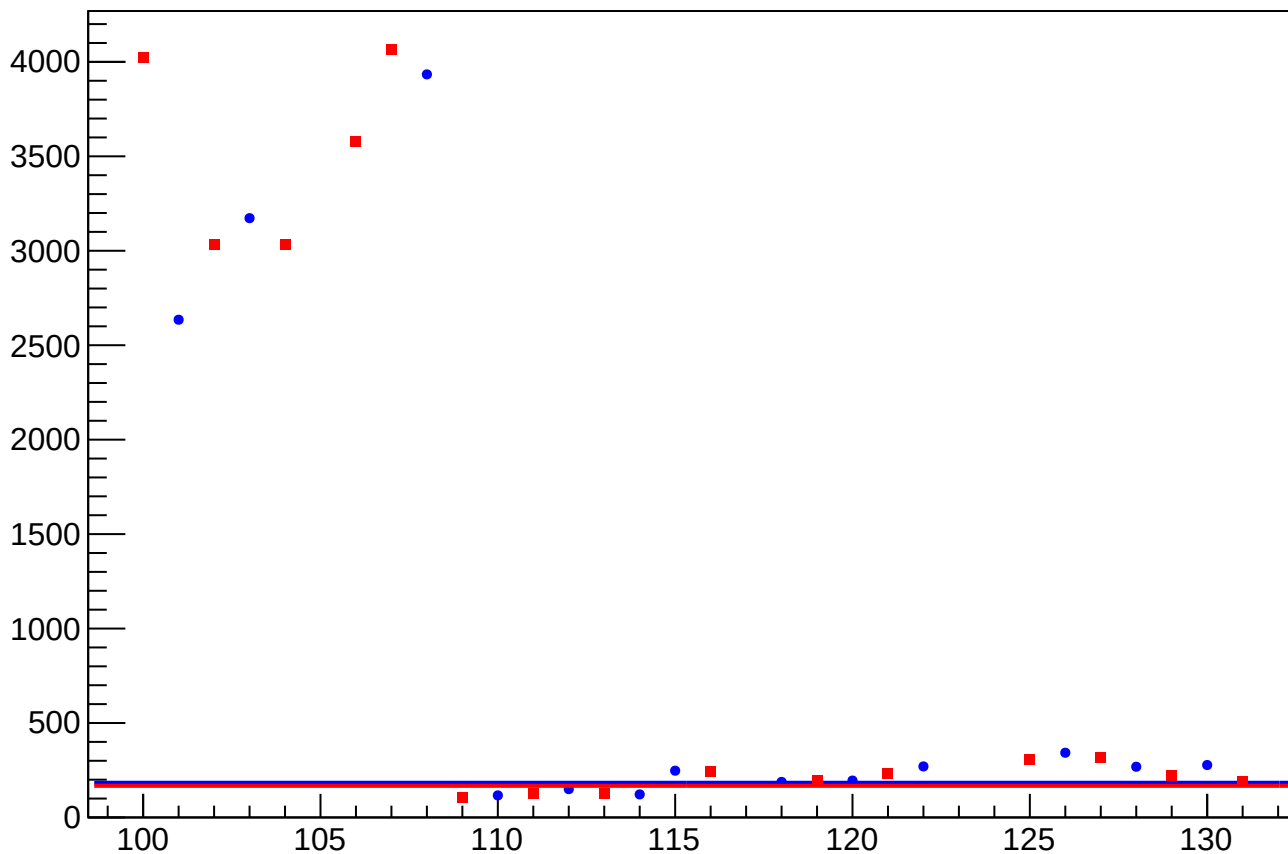
asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 33.089+/-98.349 χ^2/NDF : 15.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -69.274+/-87.294 χ^2/NDF : 11.9/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -24.167+/-65.286 χ^2/NDF : 27.7/27
 In: 33.089+/-98.349 χ^2/NDF : 15.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -24.167+/-65.286 χ^2/NDF : 27.7/27

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.438+/-0.062 χ^2/NDF : 4107327.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

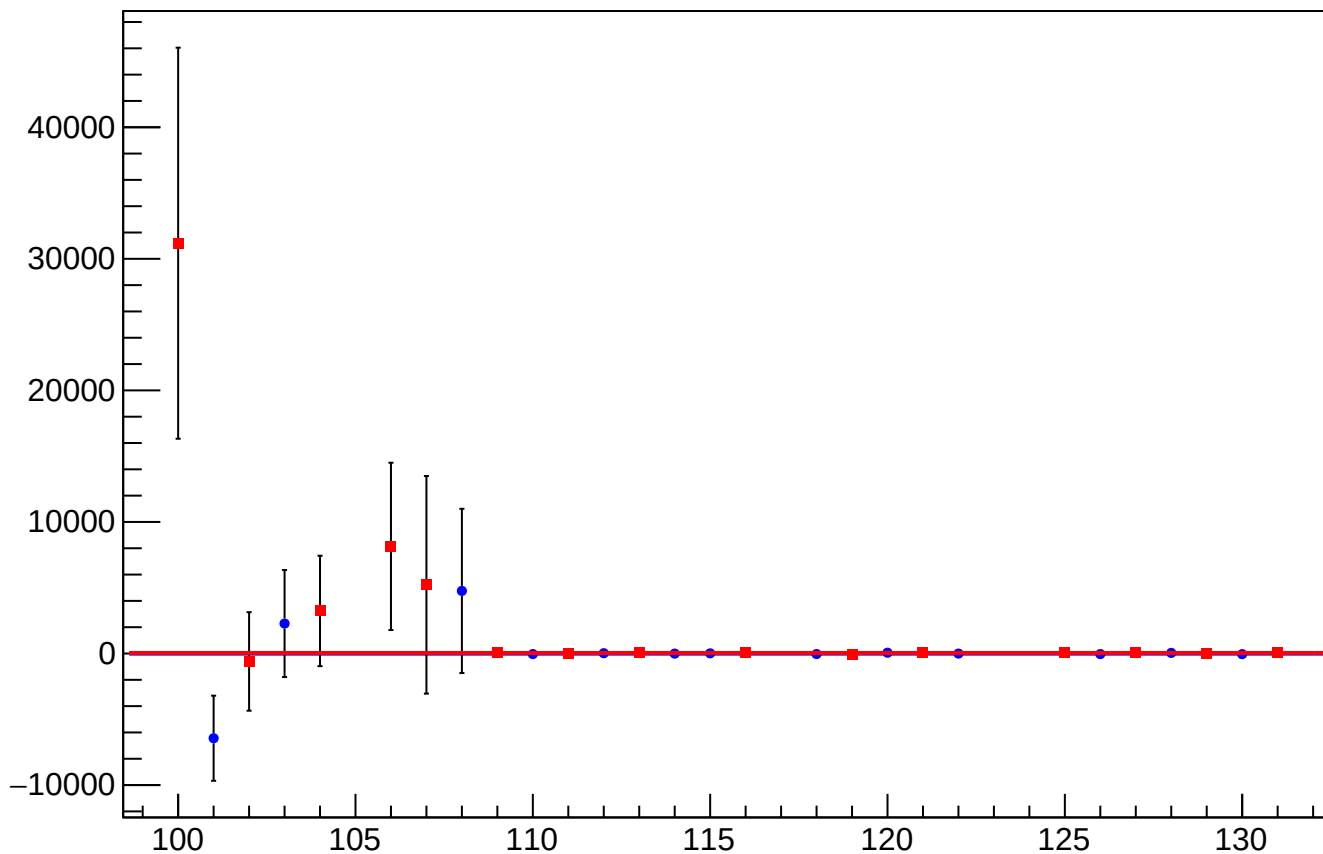
Right: 174.619+/-0.046 χ^2/NDF : 7882312.3/27

In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.619+/-0.046 χ^2/NDF : 7882312.3/27

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.666+/-13.792 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

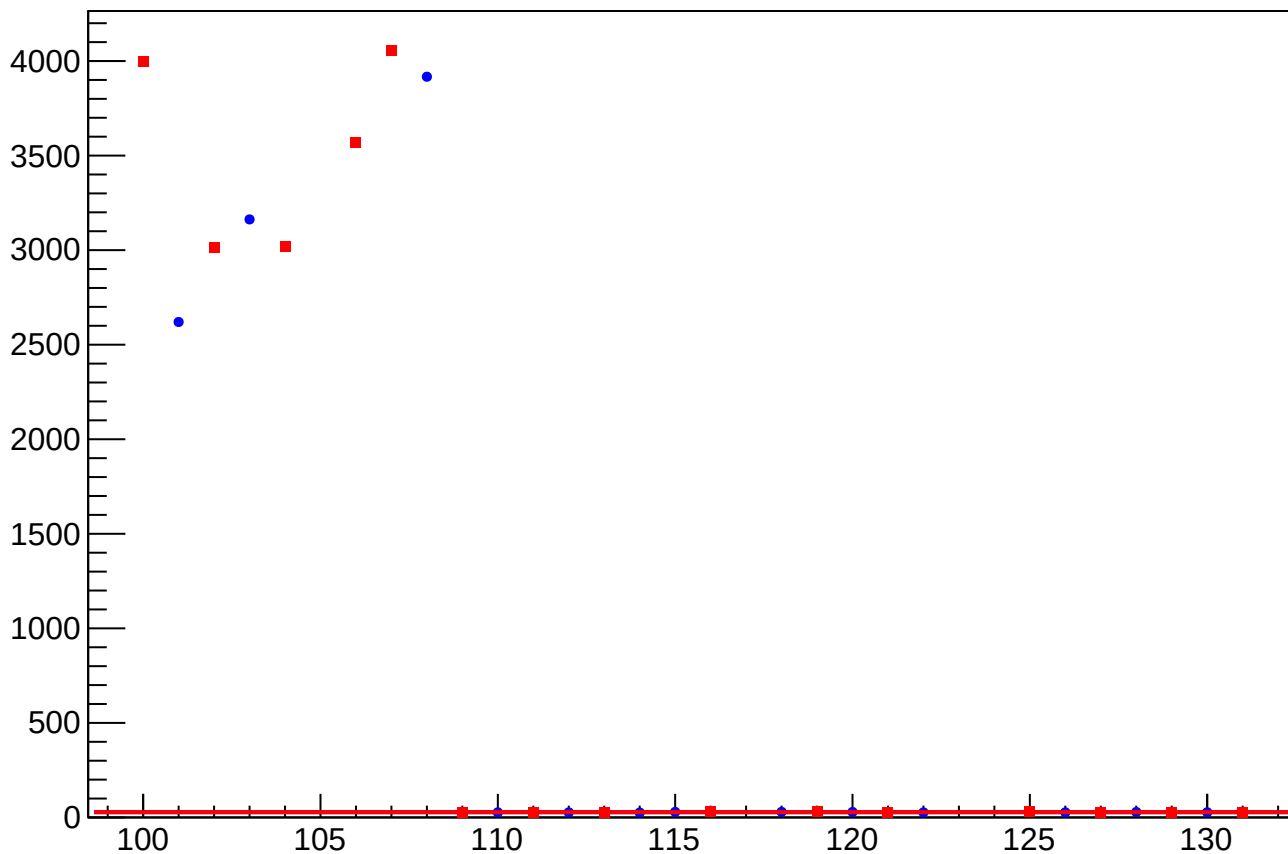
Right: 17.105+/-9.851 χ^2/NDF : 35.2/27

In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.105+/-9.851 χ^2/NDF : 35.2/27

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.000+/-0.010 χ^2/NDF : 3554758.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

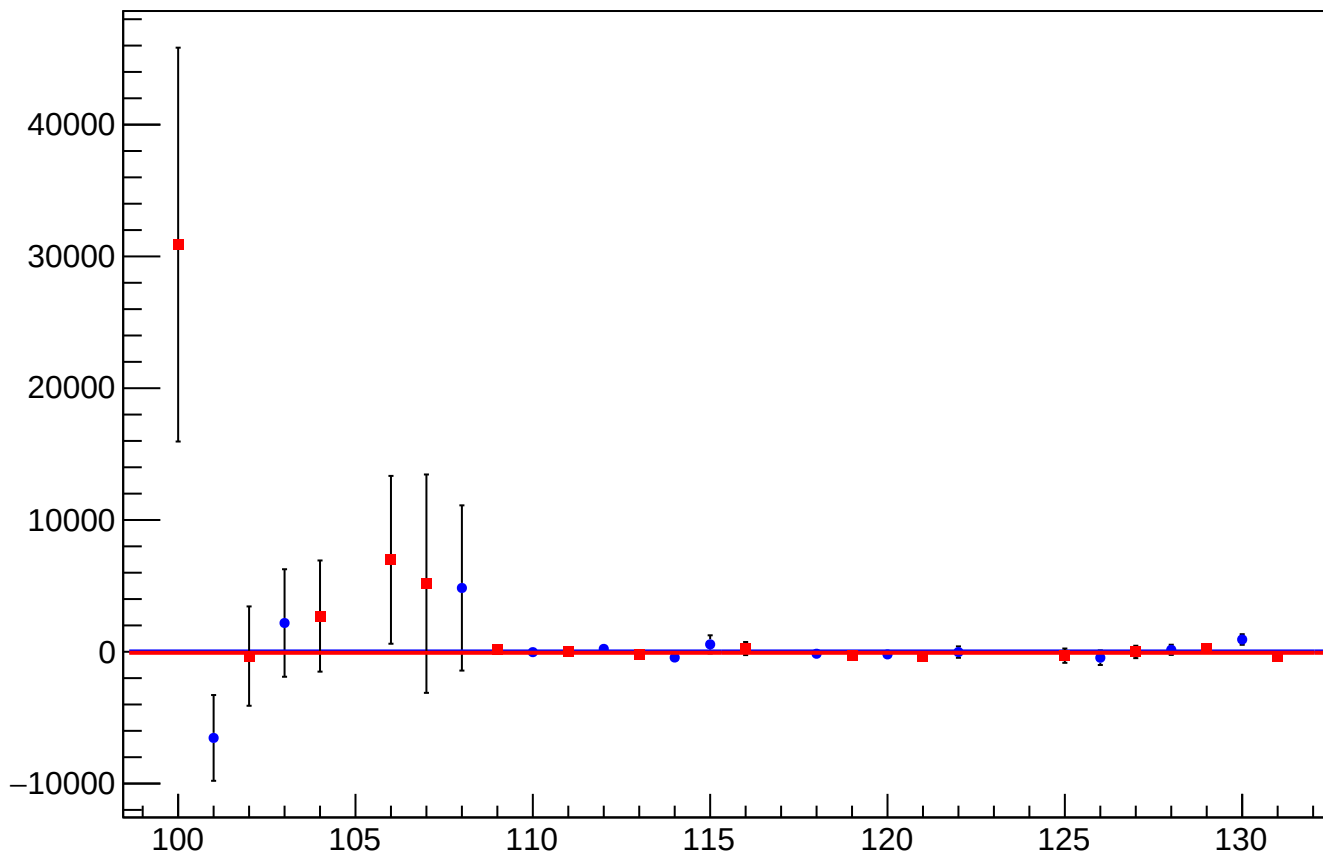
Right: 27.900+/-0.007 χ^2/NDF : 6816535.0/27

In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.900+/-0.007 χ^2/NDF : 6816535.0/27

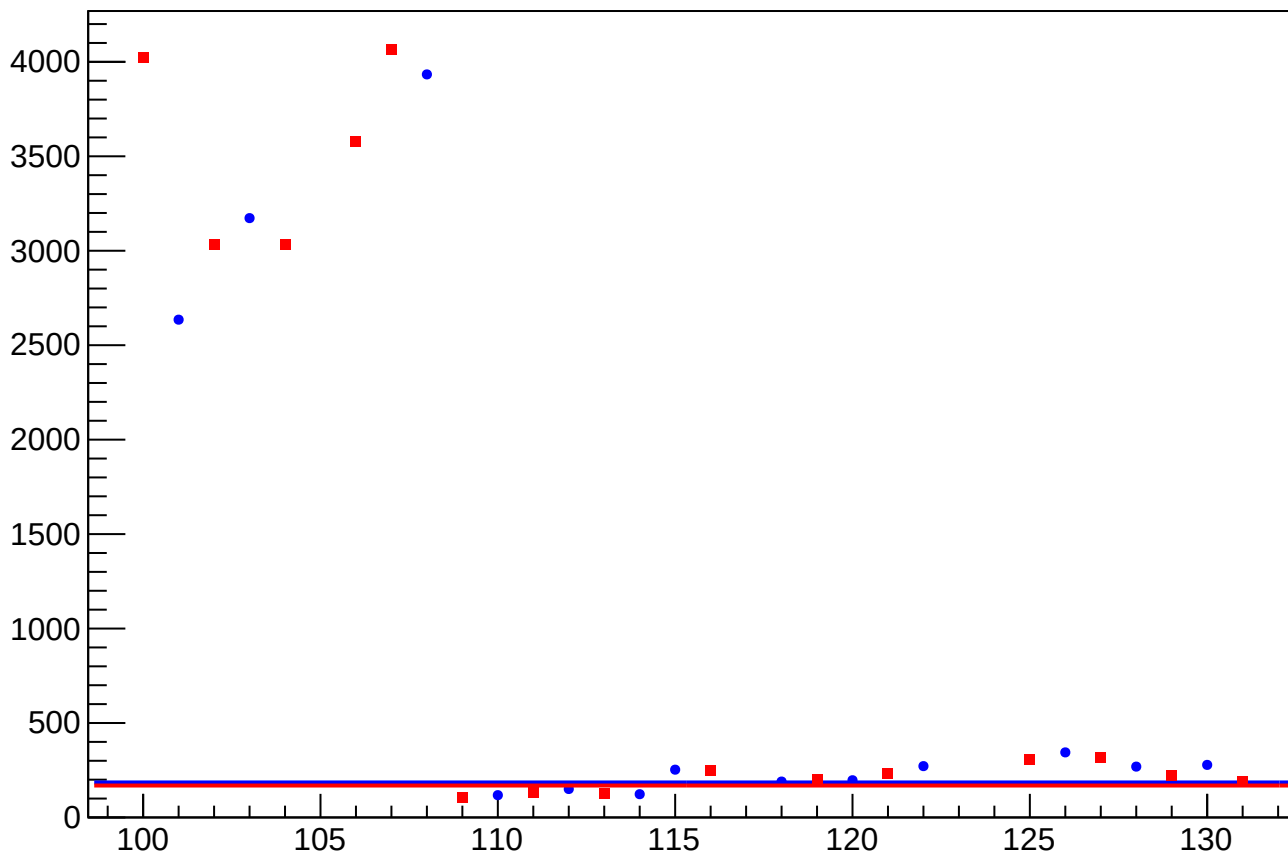
asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 26.057+/-99.113 χ^2/NDF : 14.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -76.709+/-88.059 χ^2/NDF : 11.5/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -31.374+/-65.830 χ^2/NDF : 27.0/27
 In: 26.057+/-99.113 χ^2/NDF : 14.9/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -31.374+/-65.830 χ^2/NDF : 27.0/27

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.027+/-0.062 χ^2/NDF : 4100975.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

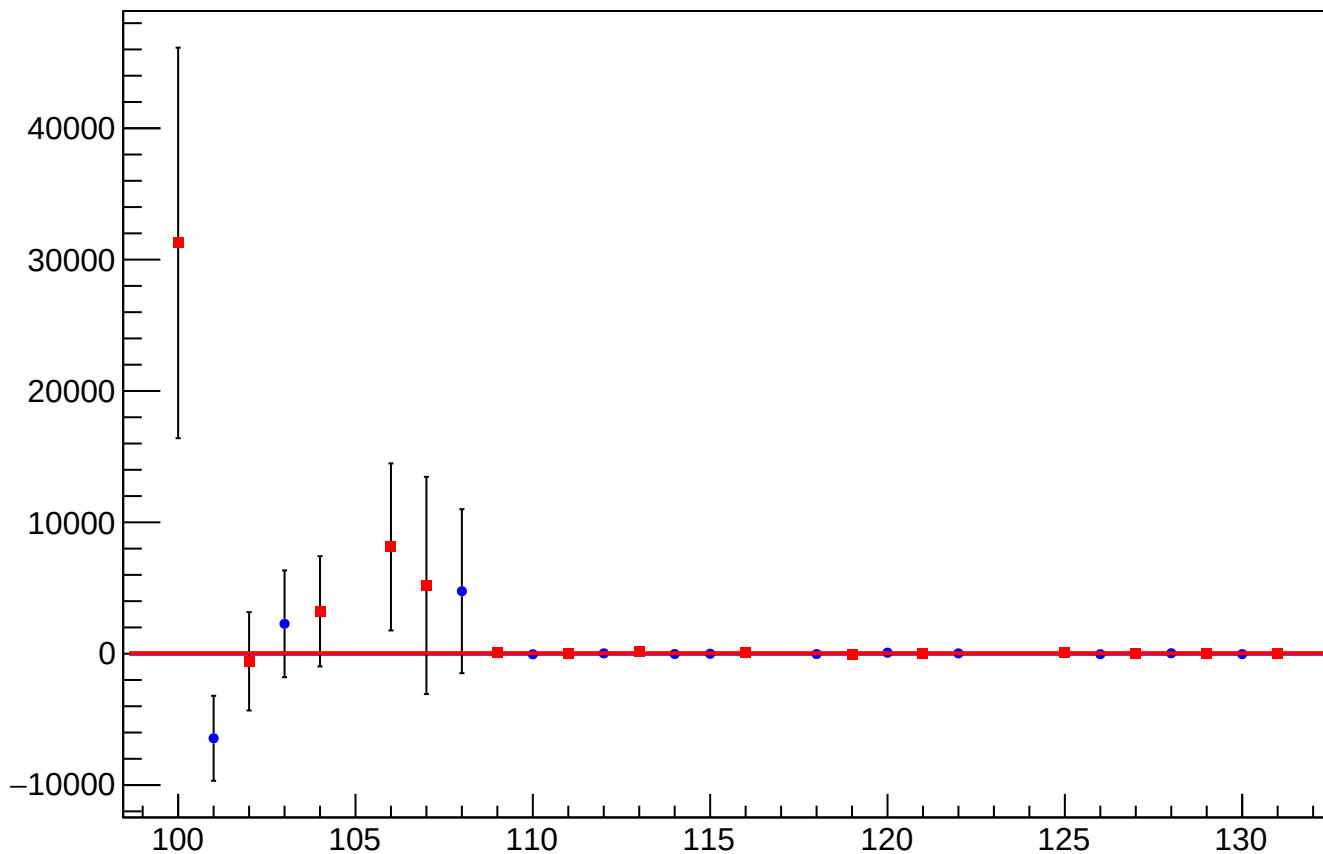
Right: 176.202+/-0.047 χ^2/NDF : 7865937.4/27

In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.202+/-0.047 χ^2/NDF : 7865937.4/27

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 1.712+/-15.642 χ^2 /NDF: 10.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 34.808+/-15.246 χ^2 /NDF: 21.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

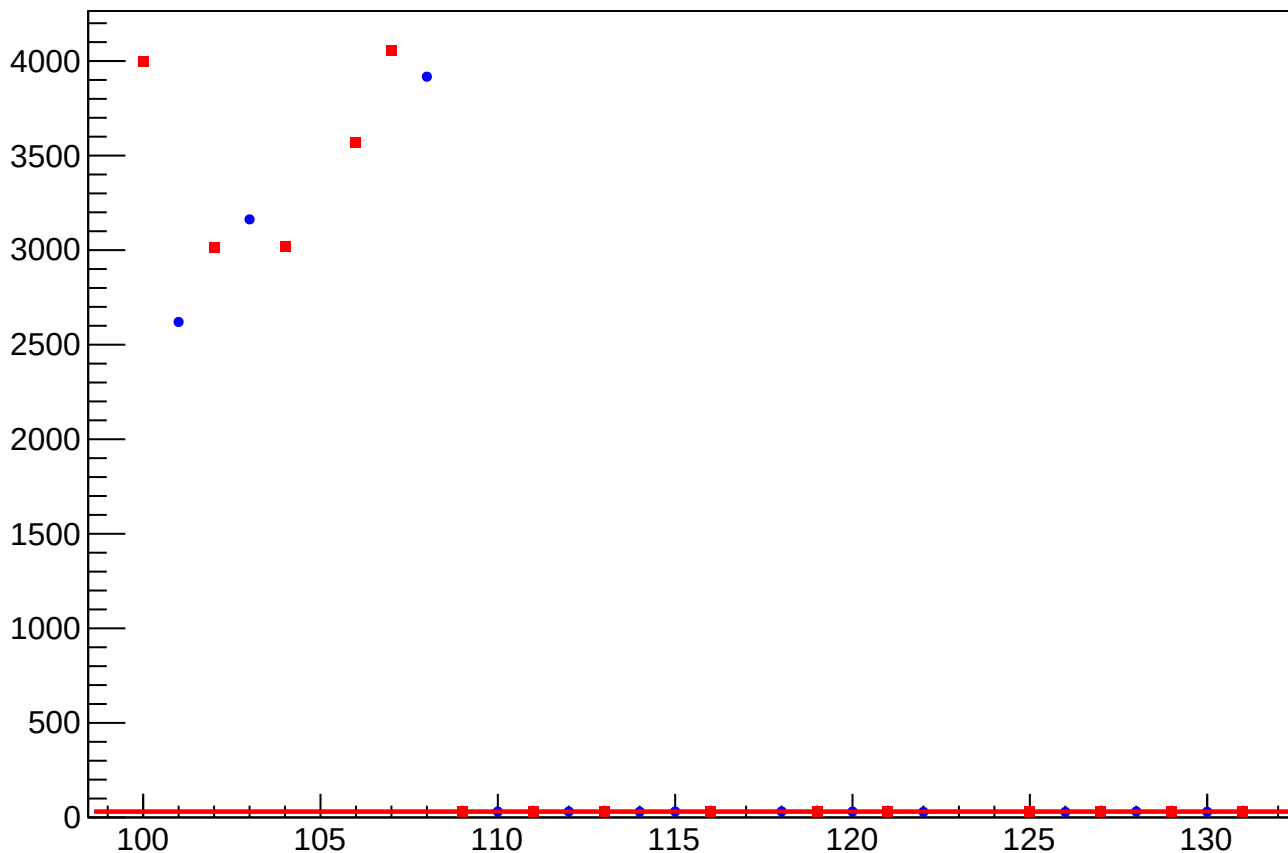
Right: 18.685+/-10.918 χ^2 /NDF: 34.0/27

In: 1.712+/-15.642 χ^2 /NDF:10.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.685+/-10.918 χ^2 /NDF: 34.0/27

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.007+/-0.011 χ^2/NDF : 3532635.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

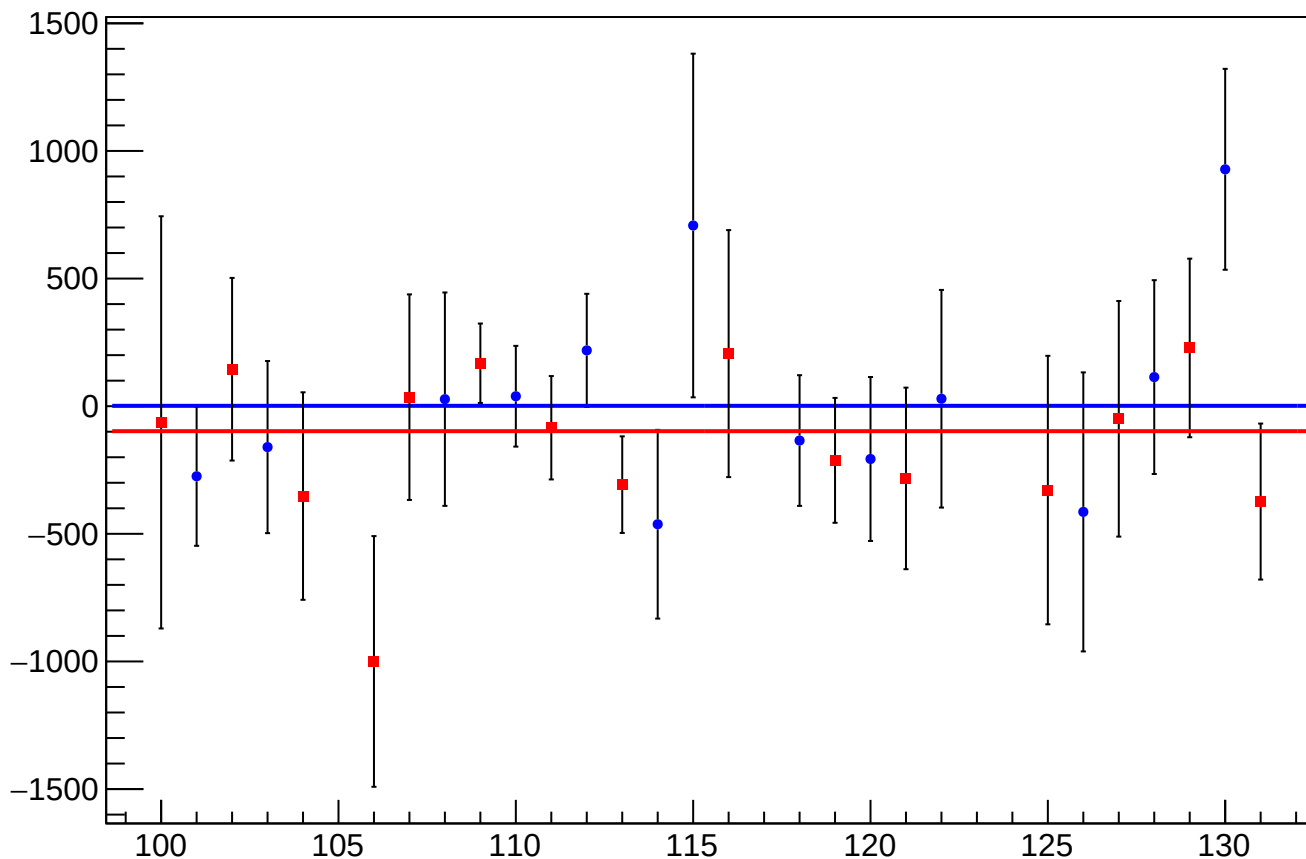
Right: 30.969+/-0.008 χ^2/NDF : 6781566.7/27

In: 30.928+/-0.011 χ^2/NDF :3248905.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.969+/-0.008 χ^2/NDF : 6781566.7/27

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.856+/-75.491 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

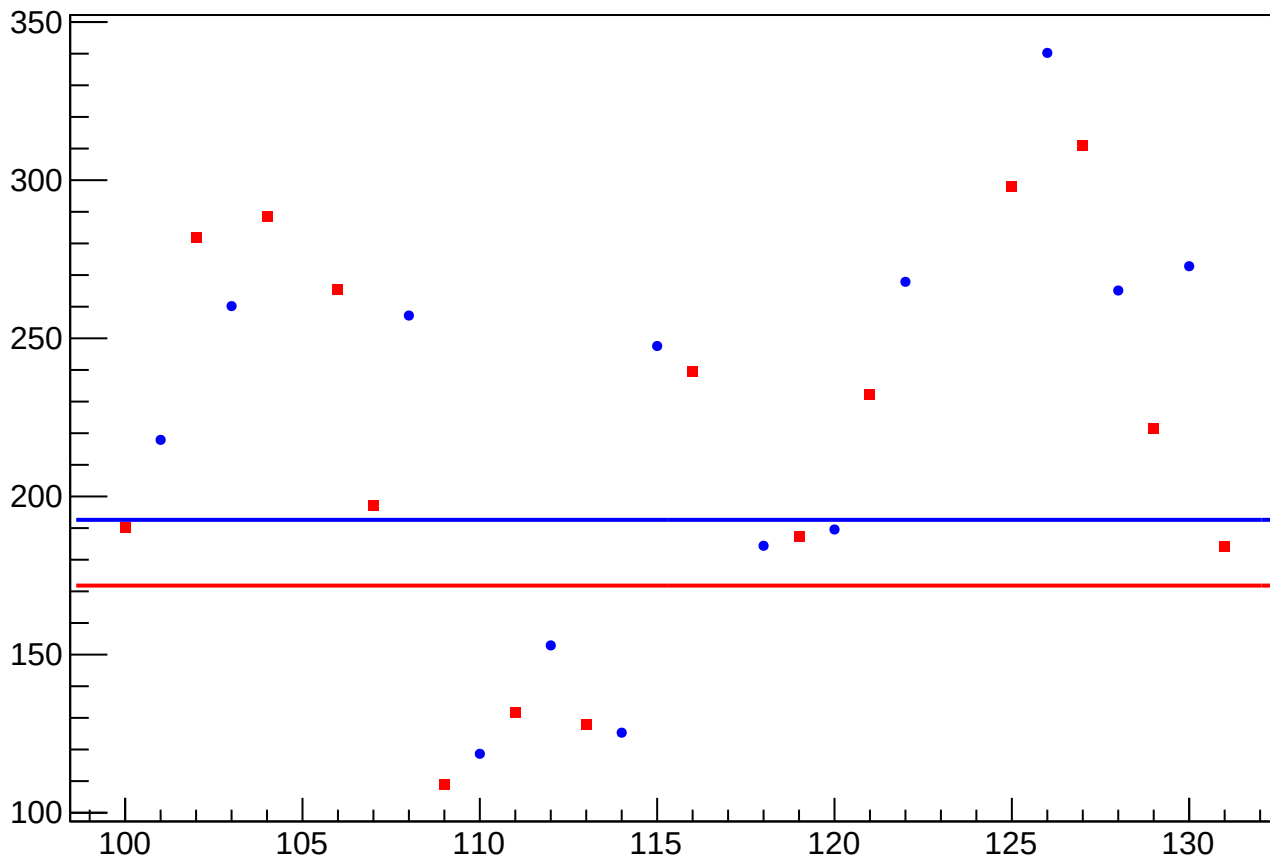
Right: -55.448+/-57.145 χ^2/NDF : 23.9/27

In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.448+/-57.145 χ^2/NDF : 23.9/27

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.826+/-0.053 χ^2/NDF : 1393953.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

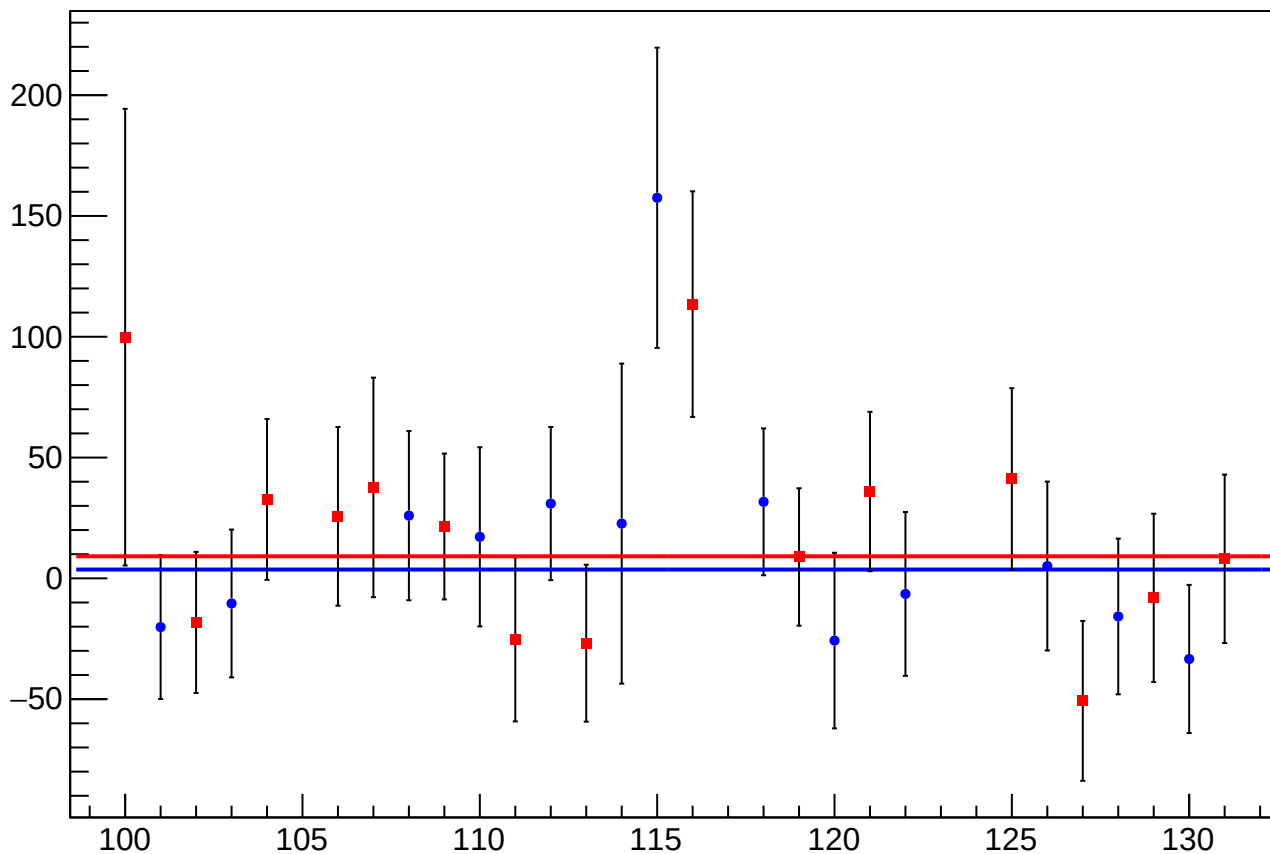
Right: 180.701+/-0.040 χ^2/NDF : 2395203.3/27

In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.701+/-0.040 χ^2/NDF : 2395203.3/27

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.124+/-9.055 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

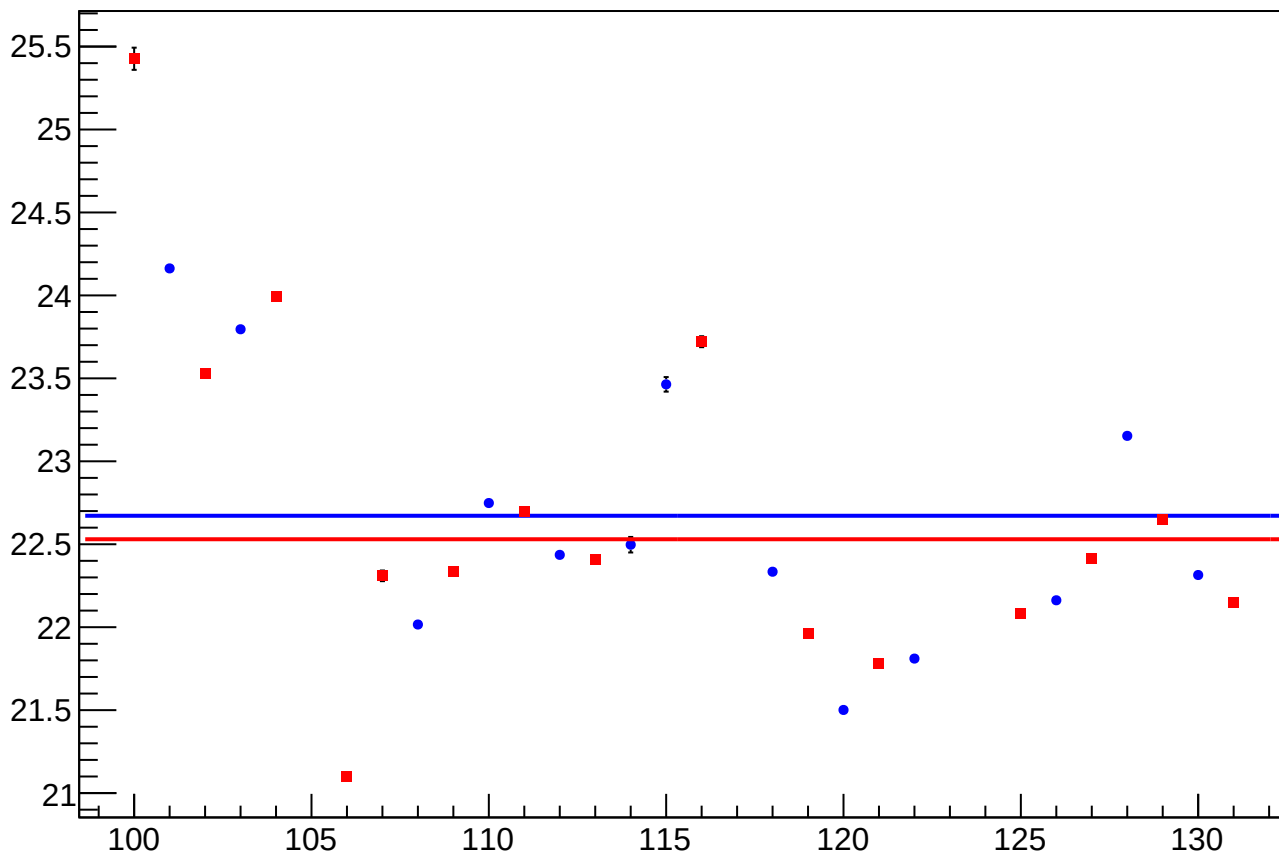
Right: 6.556+/-6.598 χ^2/NDF : 27.1/27

In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.556+/-6.598 χ^2/NDF : 27.1/27

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.530+/-0.006 χ^2/NDF : 14966.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

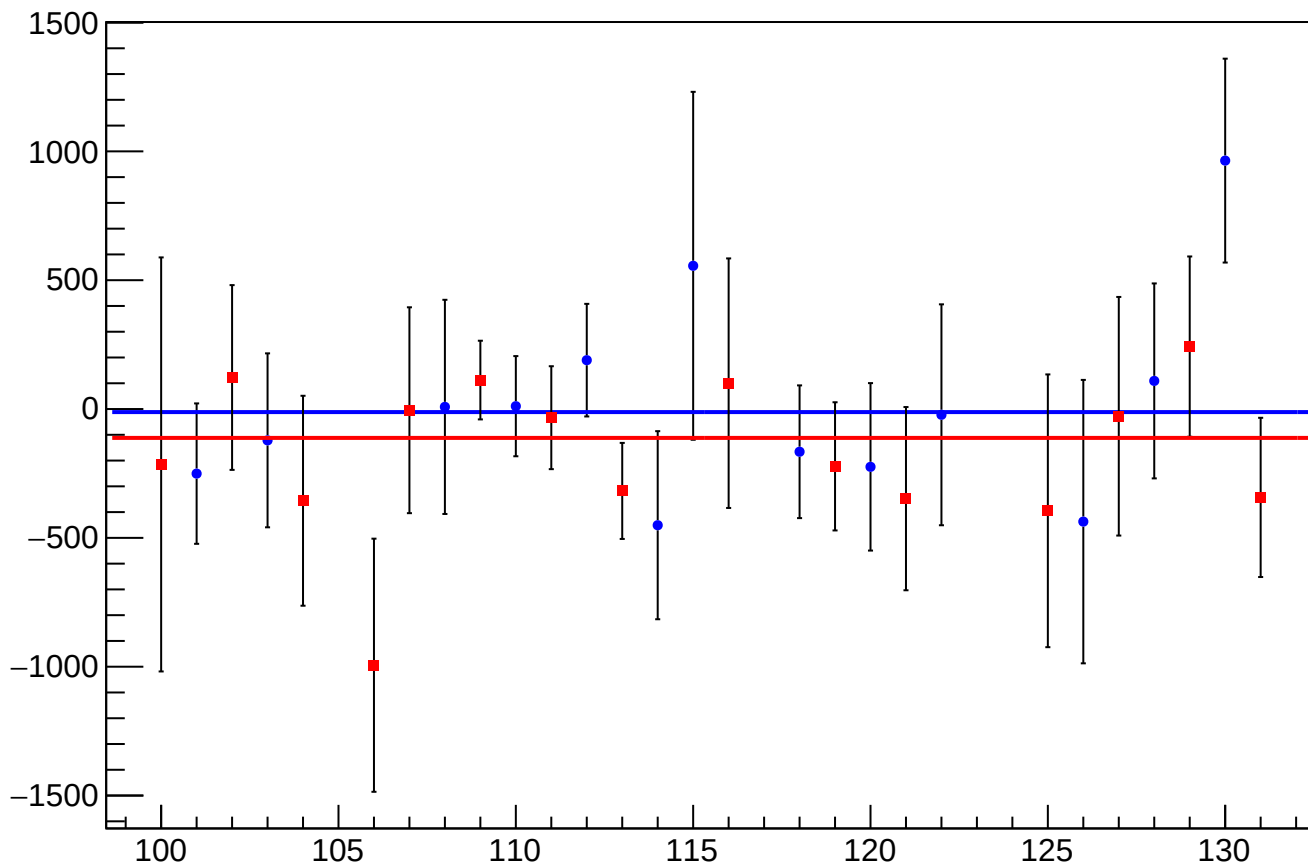
Right: 22.597+/-0.005 χ^2/NDF : 28816.0/27

In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.597+/-0.005 χ^2/NDF : 28816.0/27

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -11.852 ± 87.096 $\chi^2/\text{NDF}: 11.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -112.045 ± 75.004 $\chi^2/\text{NDF}: 10.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

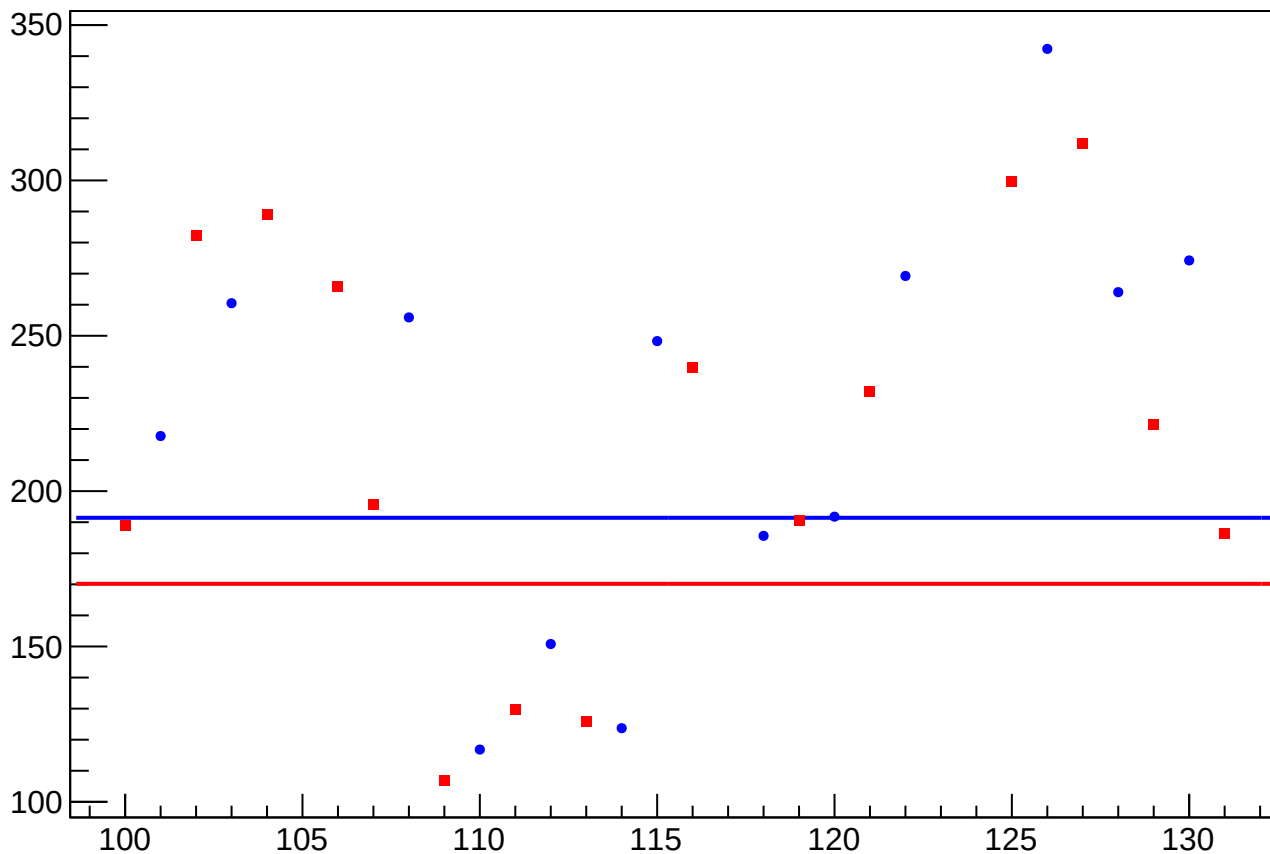
Right: -69.381 ± 56.834 $\chi^2/\text{NDF}: 22.6/27$

In: -11.852 ± 87.096 $\chi^2/\text{NDF}: 11.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -69.381 ± 56.834 $\chi^2/\text{NDF}: 22.6/27$

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.173+/-0.053 χ^2/NDF : 1460410.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

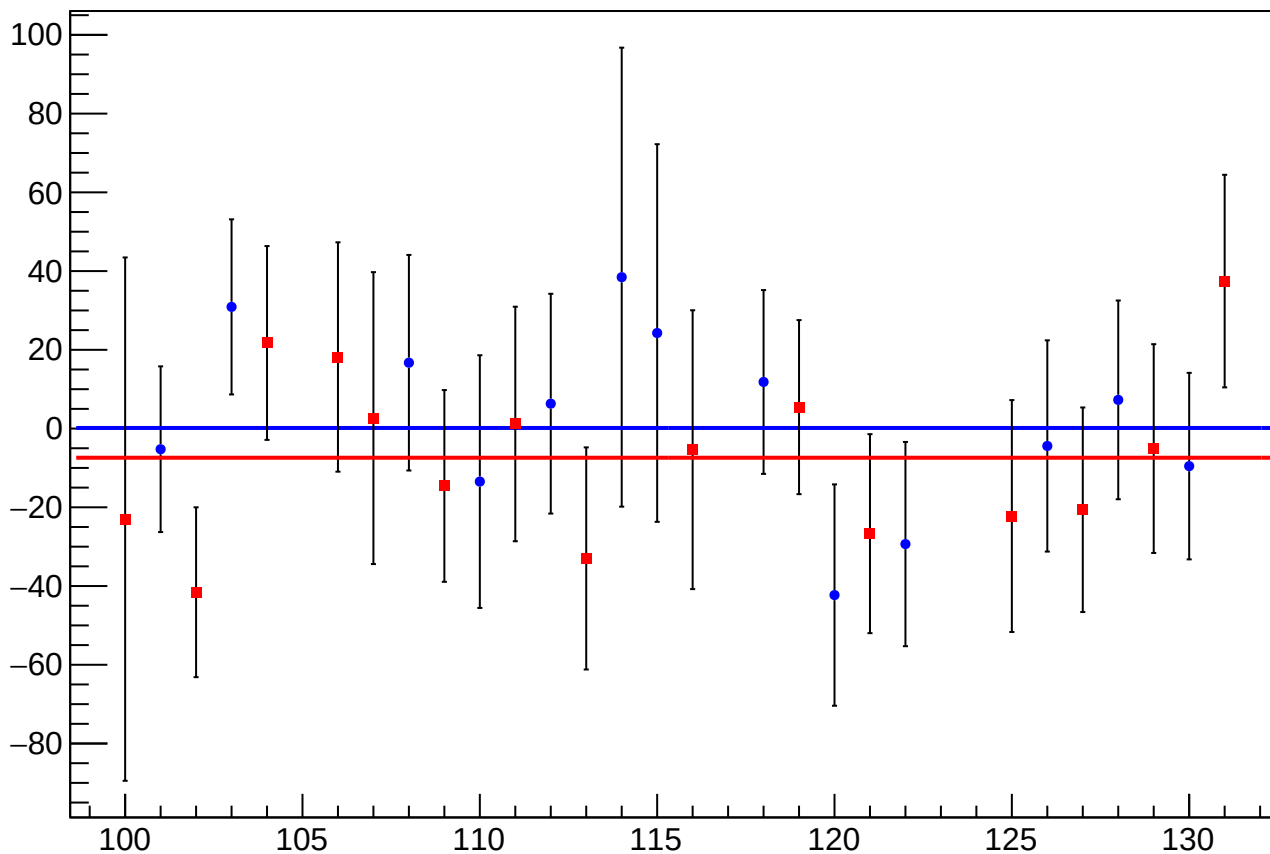
Right: 179.220+/-0.040 χ^2/NDF : 2504983.9/27

In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.220+/-0.040 χ^2/NDF : 2504983.9/27

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.409+/-7.100 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

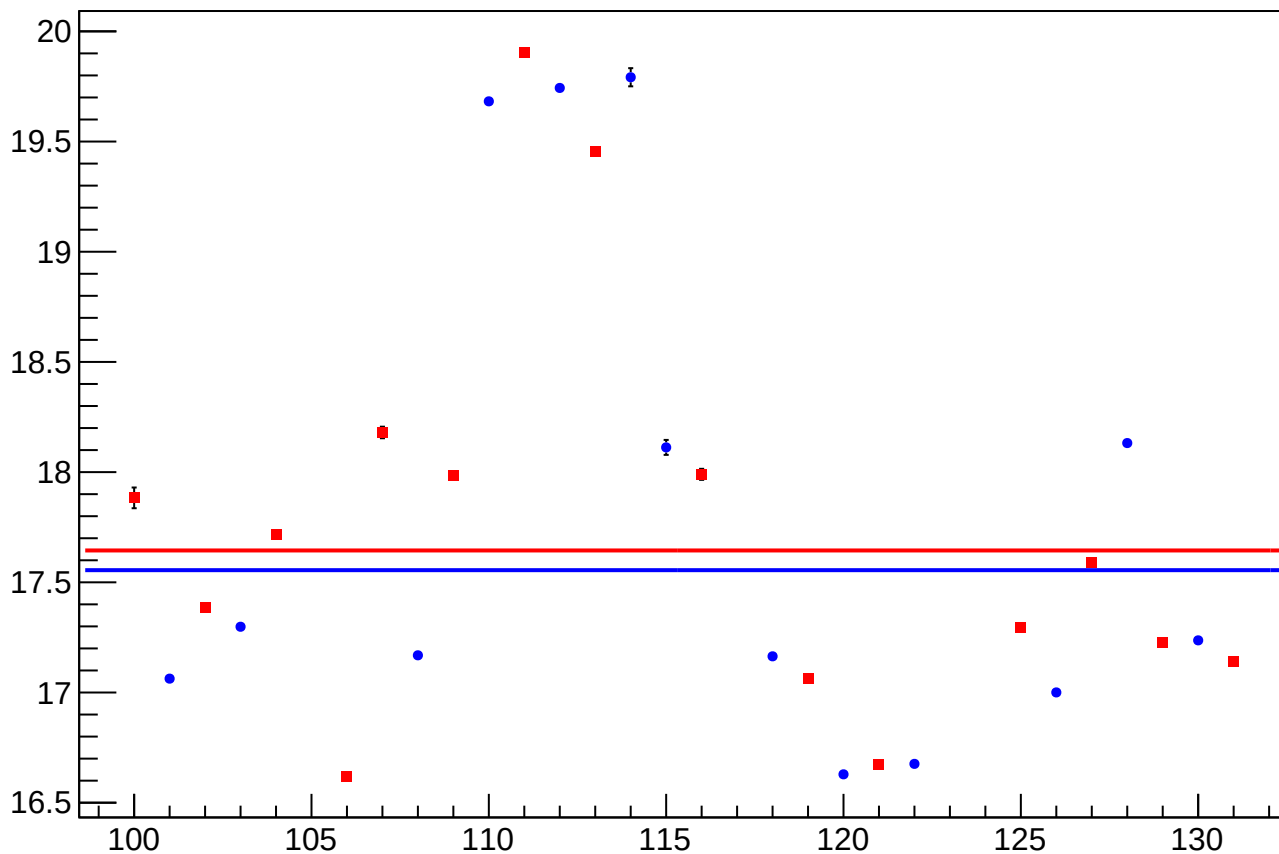
Right: -3.820+/-5.146 χ^2/NDF : 17.9/27

In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.820+/-5.146 χ^2/NDF : 17.9/27

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.645+/-0.005 χ^2/NDF : 29362.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

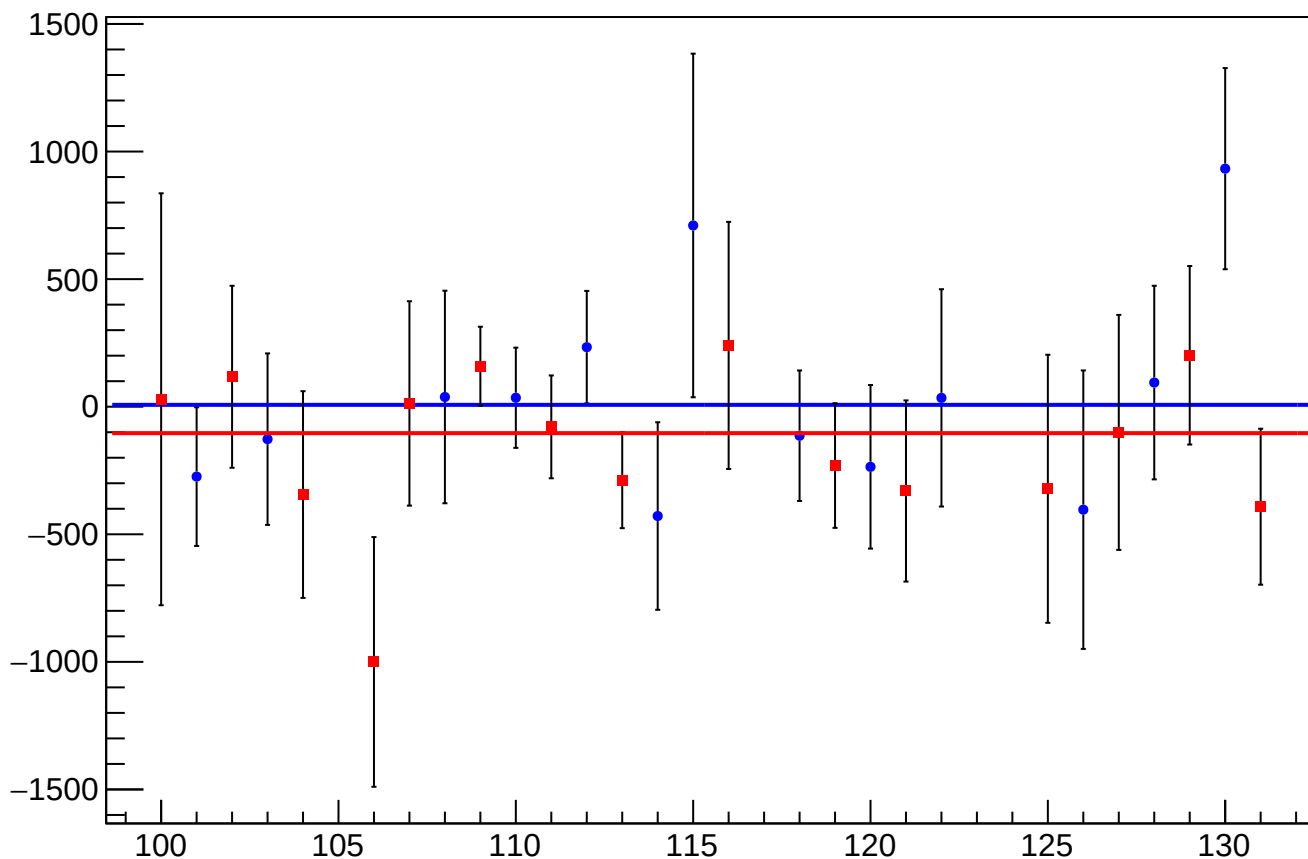
Right: 17.602+/-0.004 χ^2/NDF : 62852.9/27

In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.602+/-0.004 χ^2/NDF : 62852.9/27

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.615+/-75.219 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

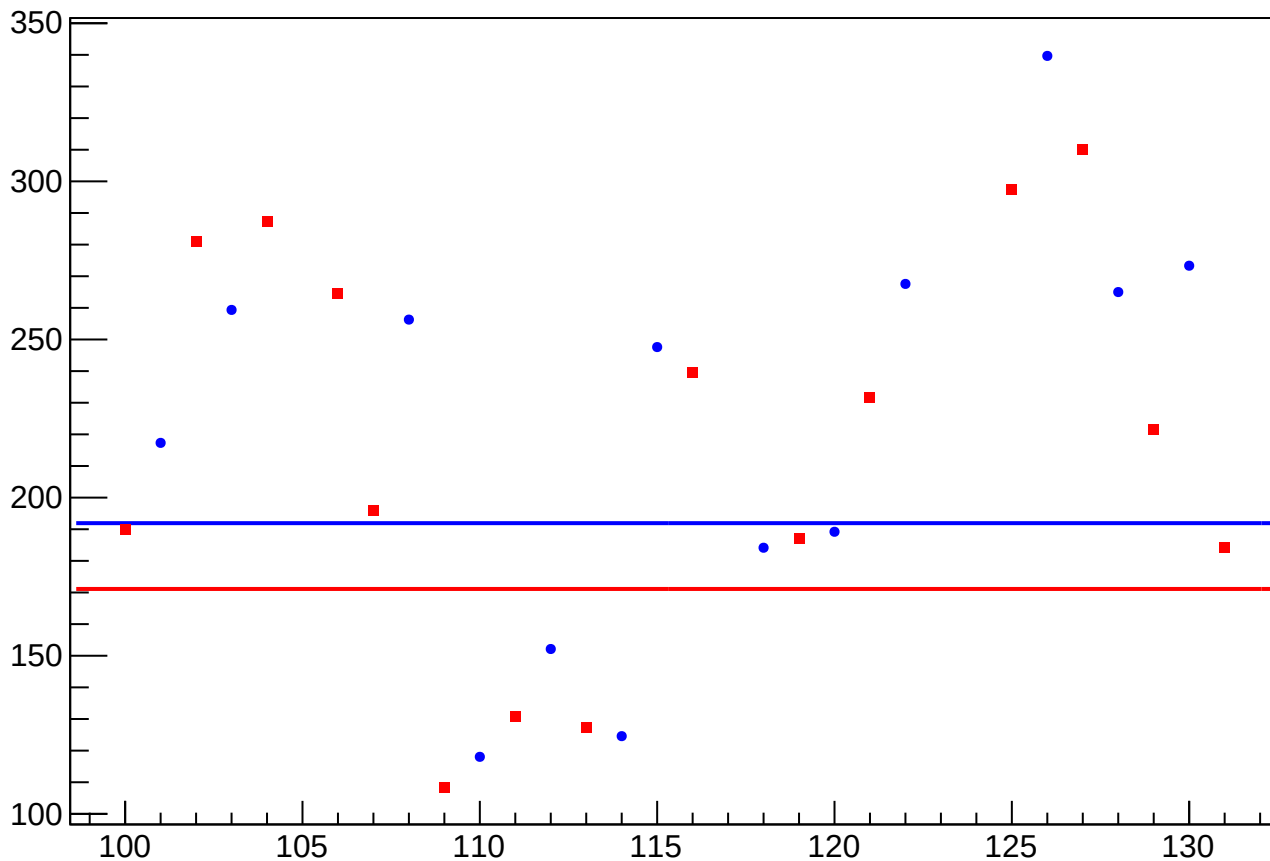
Right: -56.294+/-56.951 χ^2/NDF : 23.7/27

In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.294+/-56.951 χ^2/NDF : 23.7/27

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.119+/-0.053 χ^2/NDF : 1404503.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

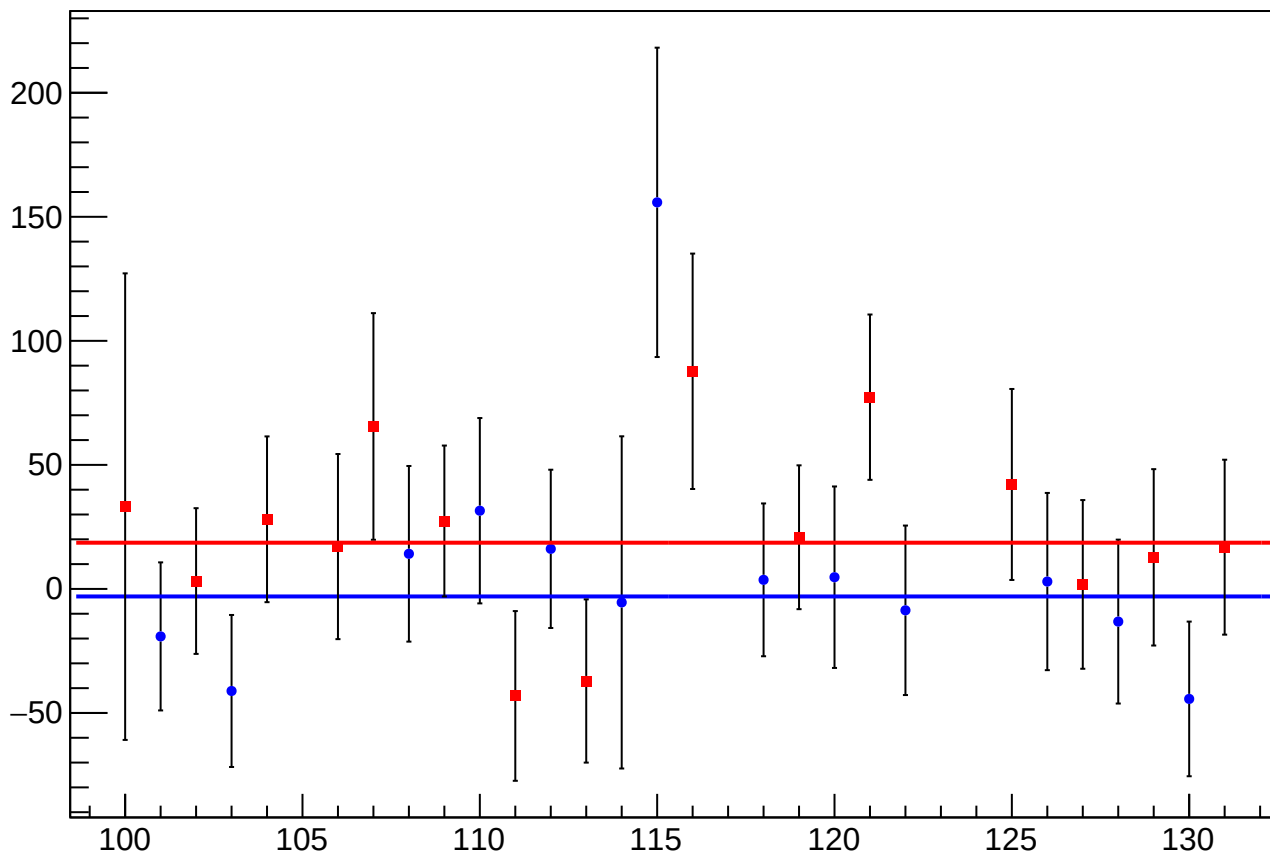
Right: 179.997+/-0.040 χ^2/NDF : 2415916.9/27

In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.997+/-0.040 χ^2/NDF : 2415916.9/27

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.036 ± 9.734 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.632 ± 9.168 χ^2/NDF : 13.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

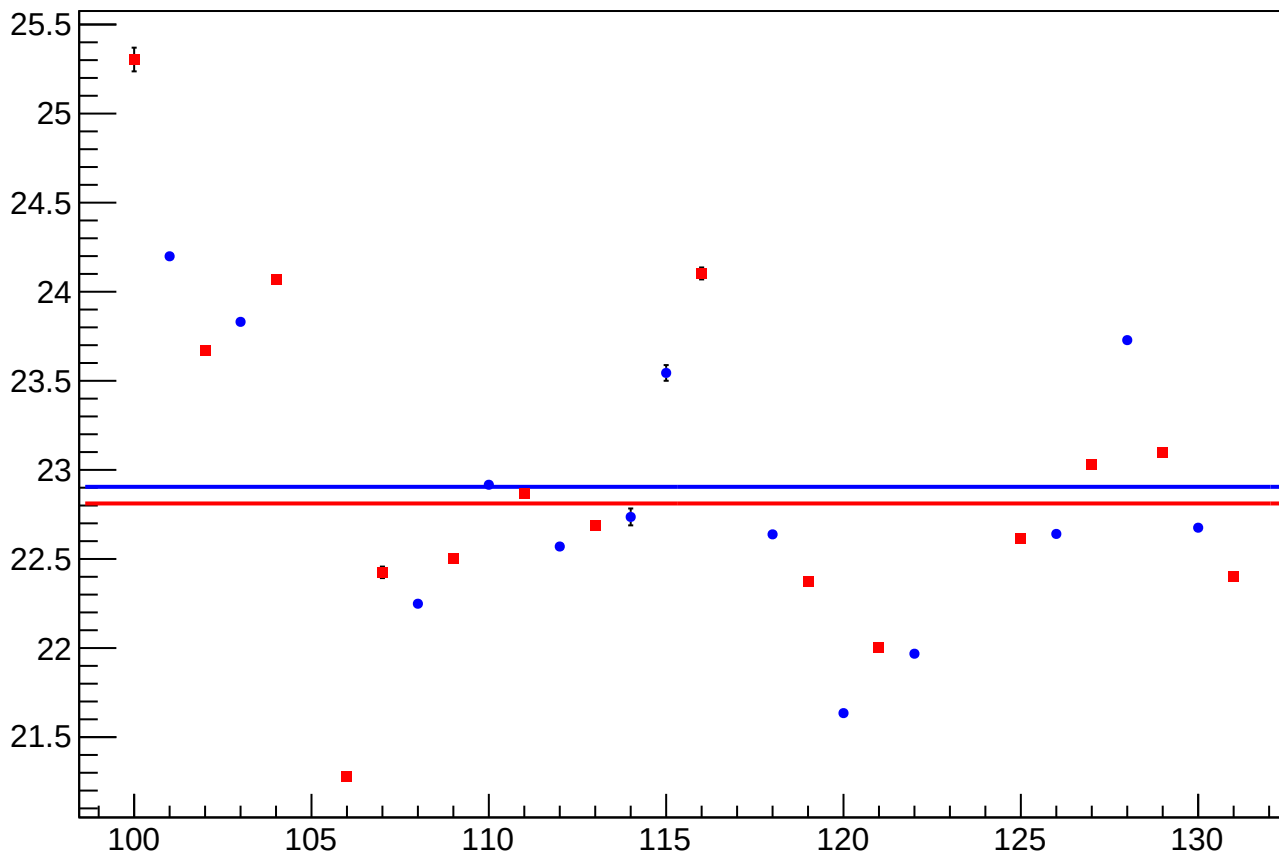
Right: 8.445 ± 6.674 χ^2/NDF : 27.9/27

In: -3.036 ± 9.734 χ^2/NDF : 11.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.445 ± 6.674 χ^2/NDF : 27.9/27

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.812+/-0.006 χ^2/NDF : 13327.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

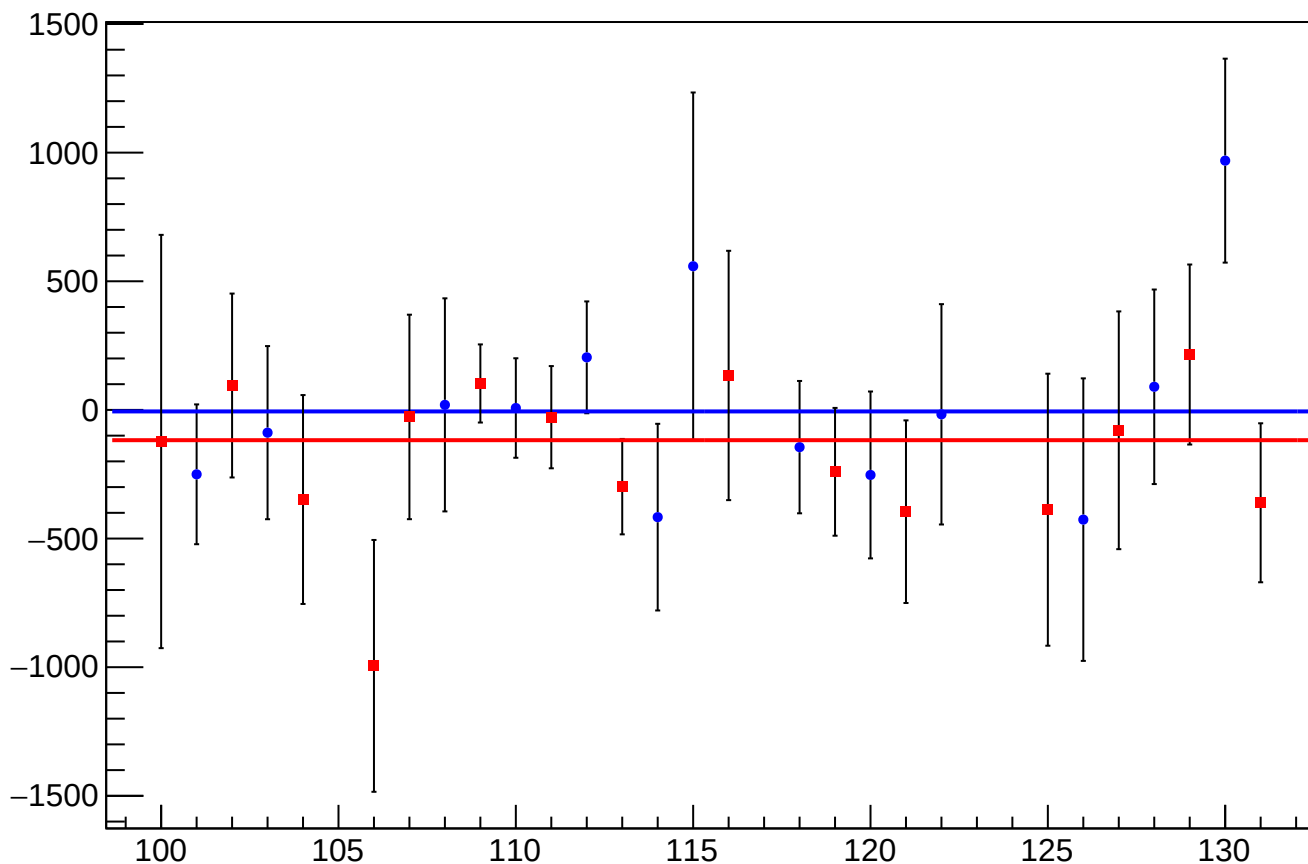
Right: 22.855+/-0.005 χ^2/NDF : 25670.3/27

In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.855+/-0.005 χ^2/NDF : 25670.3/27

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -5.875+/-86.820 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.668+/-74.727 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

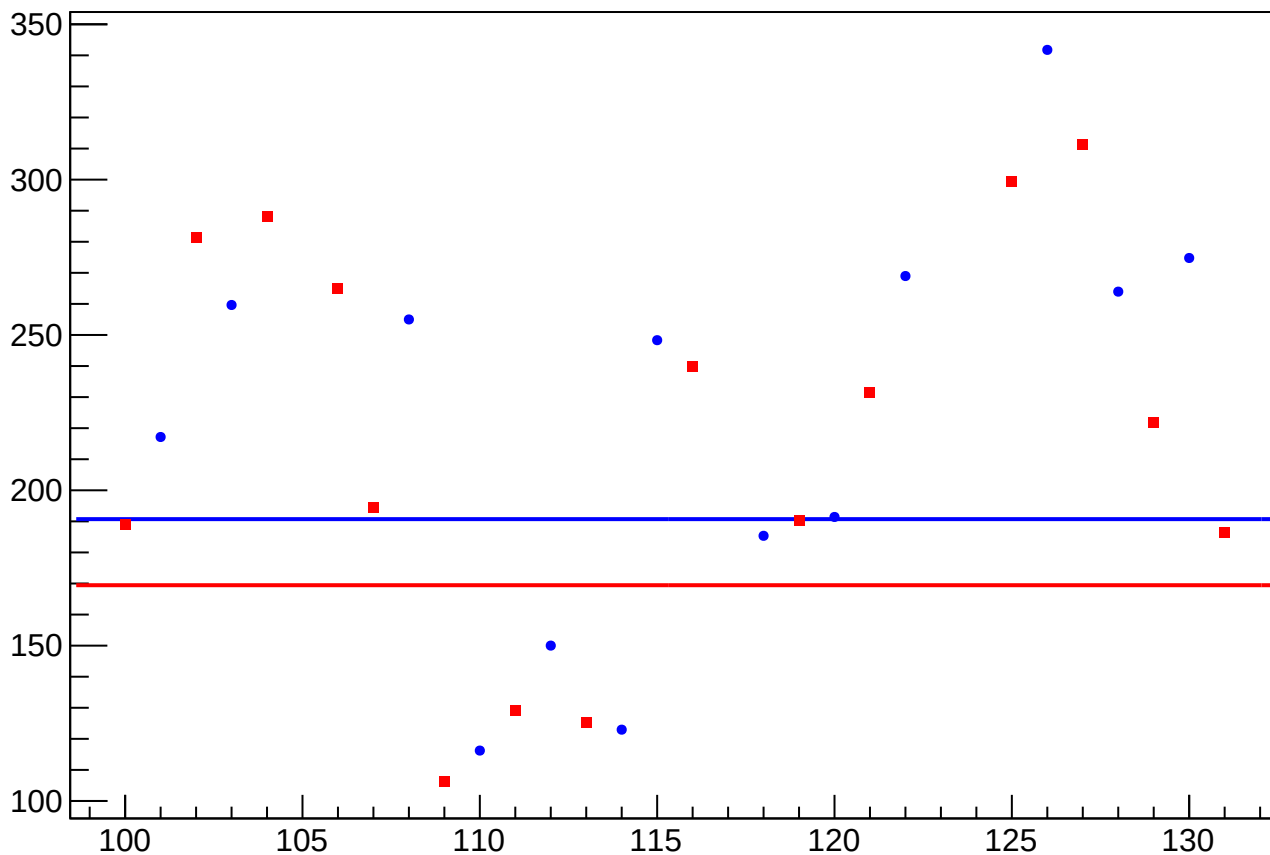
Right: -70.094+/-56.637 χ^2/NDF : 22.4/27

In: -5.875+/-86.820 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.094+/-56.637 χ^2/NDF : 22.4/27

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.451+/-0.053 χ^2/NDF : 1471696.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

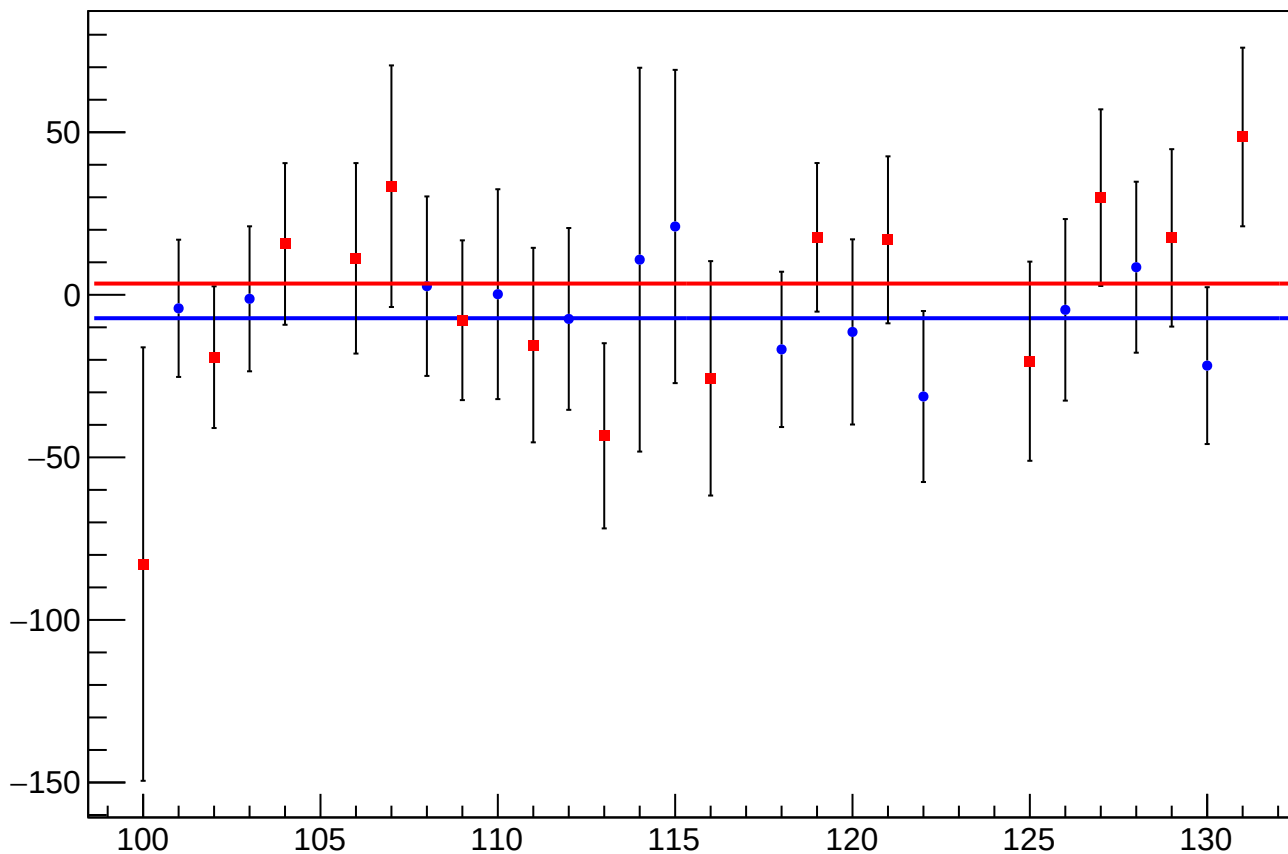
Right: 178.502+/-0.040 χ^2/NDF : 2527066.4/27

In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.502+/-0.040 χ^2/NDF : 2527066.4/27

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.197 $\pm$ 7.580 χ^2 /NDF: 2.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.459 $\pm$ 7.229 χ^2 /NDF: 12.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

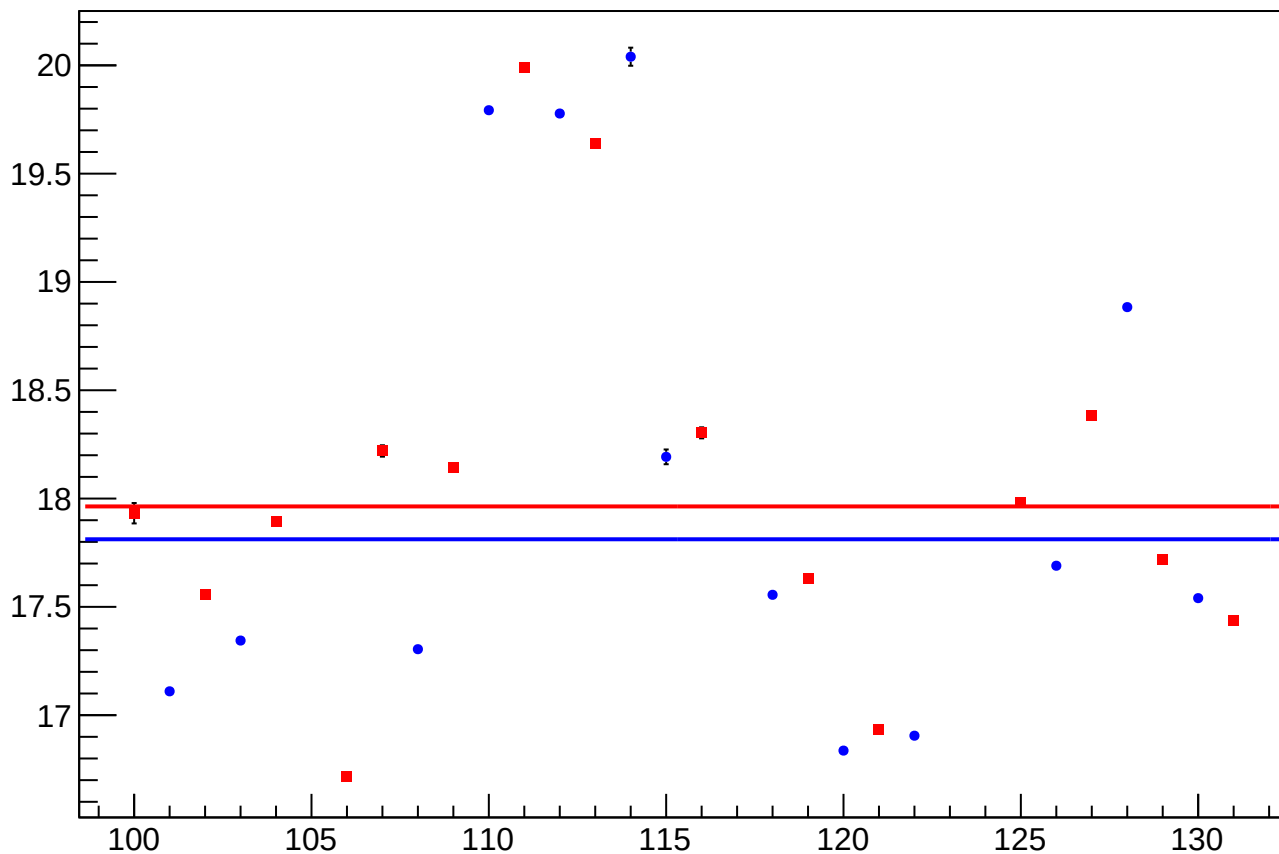
Right: -1.616 $\pm$ 5.232 χ^2 /NDF: 16.4/27

In: -7.197 $\pm$ 7.580 χ^2 /NDF:2.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.616 $\pm$ 5.232 χ^2 /NDF: 16.4/27

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.812+/-0.005 χ^2 /NDF: 32722.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.964+/-0.005 χ^2 /NDF: 25813.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

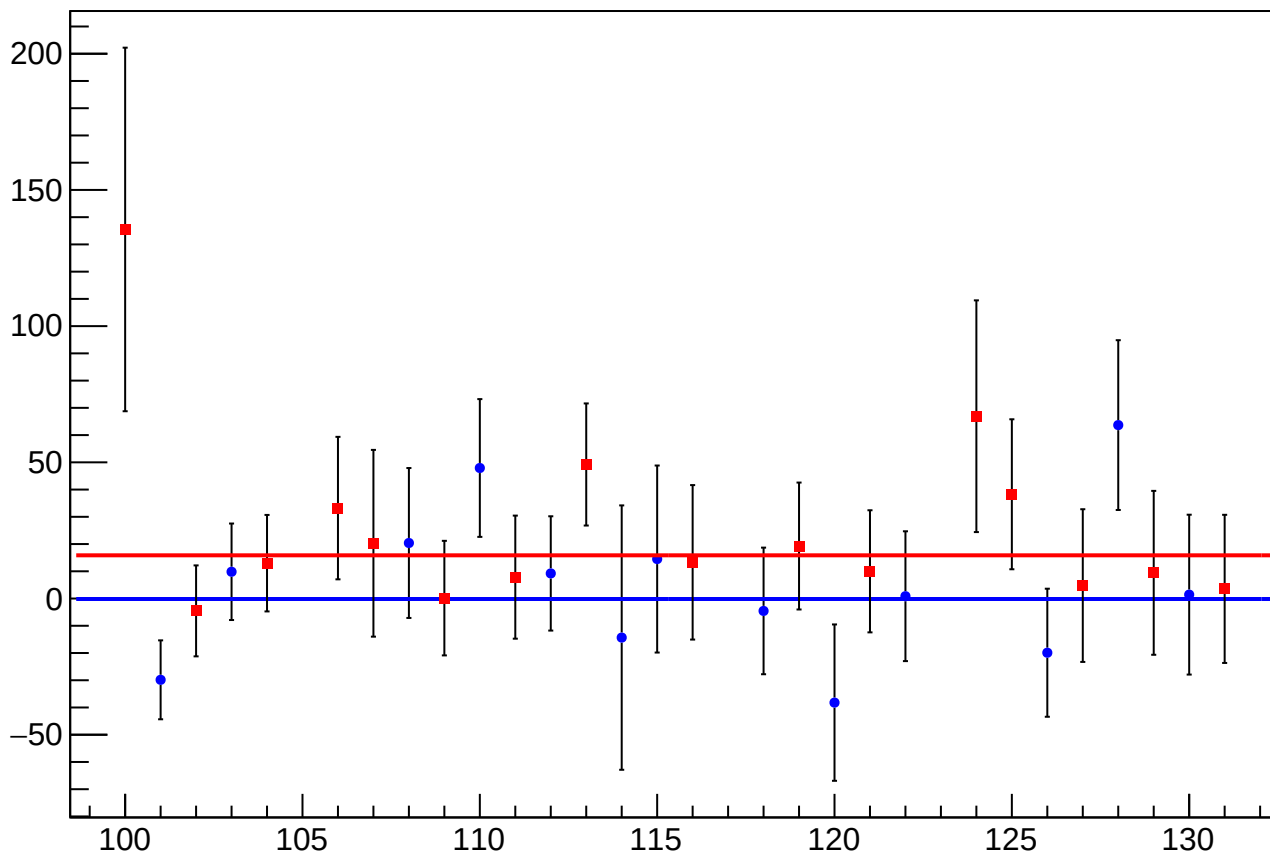
Right: 17.891+/-0.004 χ^2 /NDF: 58954.8/27

In: 17.812+/-0.005 χ^2 /NDF:32722.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.891+/-0.004 χ^2 /NDF: 58954.8/27

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -0.173+/-6.564 χ^2/NDF : 15.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.864+/-6.178 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

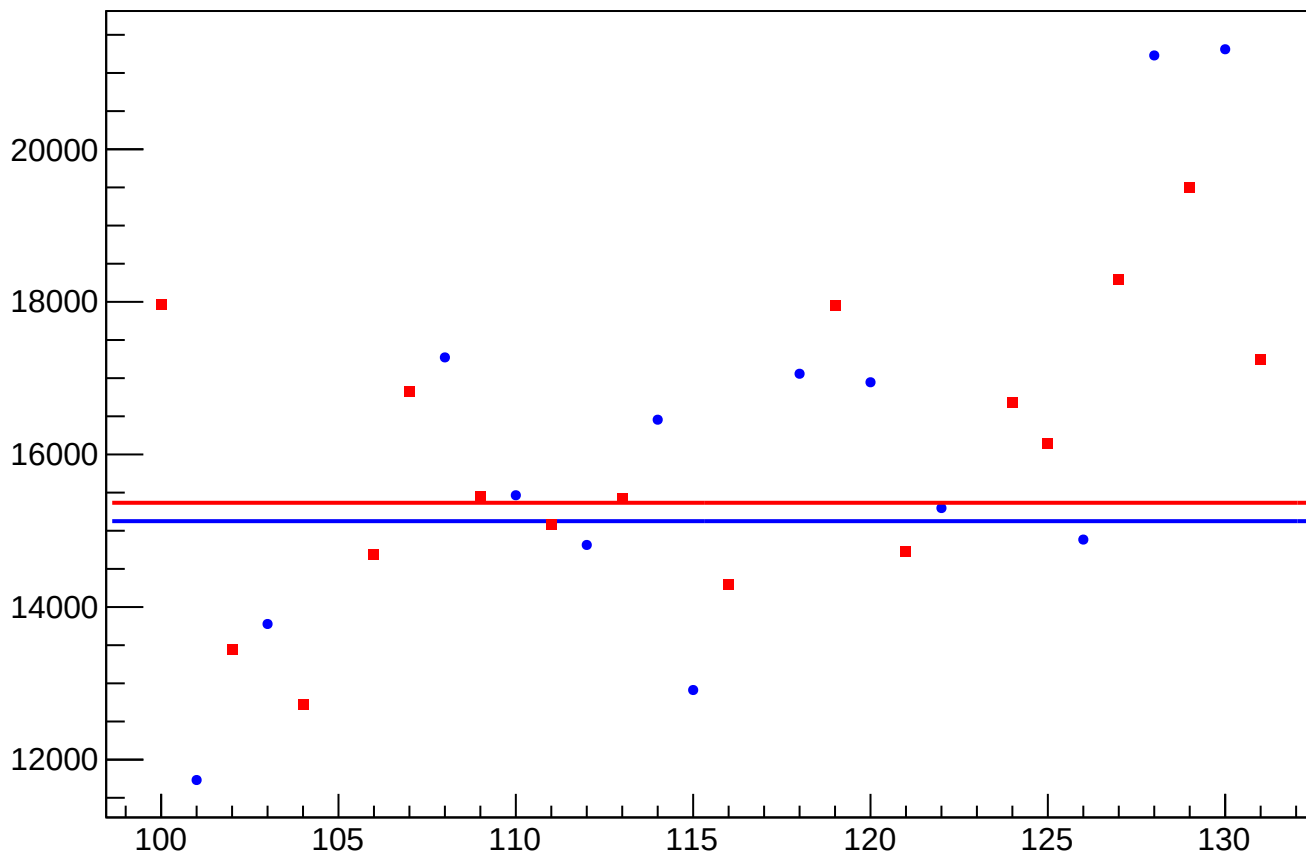
Right: 8.332+/-4.499 χ^2/NDF : 29.7/28

In: -0.173+/-6.564 χ^2/NDF :15.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.332+/-4.499 χ^2/NDF : 29.7/28

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 15125.769+/-4.641 χ^2/NDF : 331825.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15366.589+/-4.368 χ^2/NDF : 181221.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

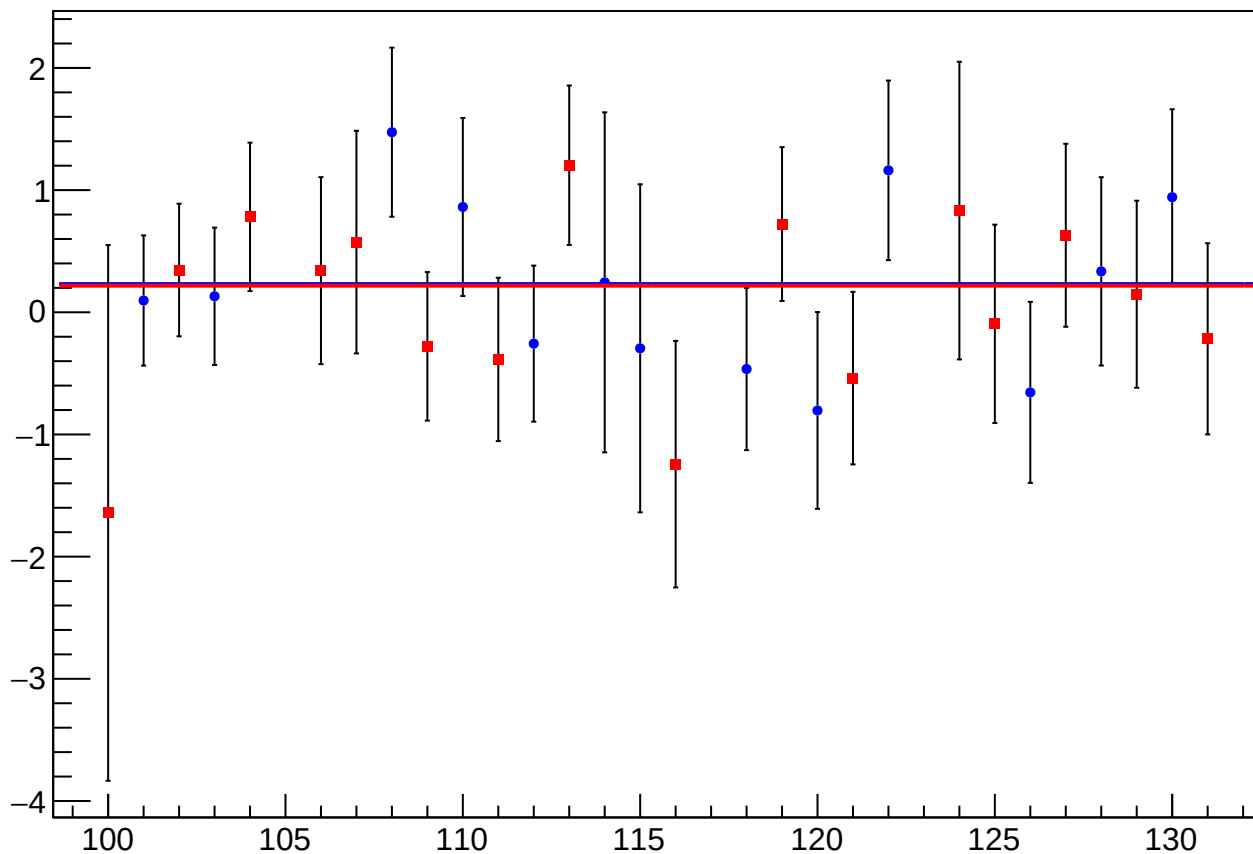
Right: 15253.474+/-3.181 χ^2/NDF : 514474.3/28

In: 15125.769+/-4.641 χ^2/NDF : 331825.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15253.474+/-3.181 χ^2/NDF : 514474.3/28

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.231 $\pm$ 0.199 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.218 $\pm$ 0.185 χ^2 /NDF: 10.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

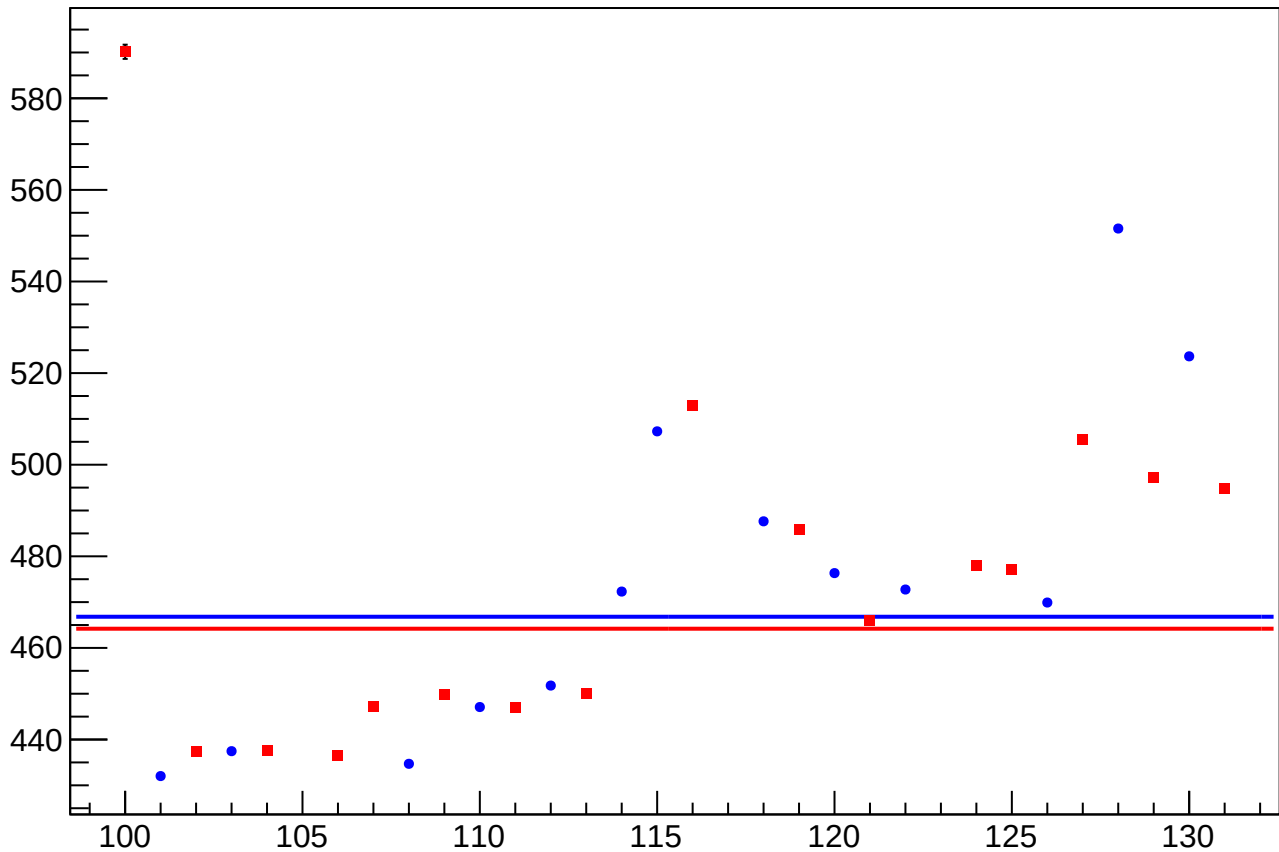
Right: 0.224 $\pm$ 0.135 χ^2 /NDF: 22.1/28

In: 0.231 $\pm$ 0.199 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.224 $\pm$ 0.135 χ^2 /NDF: 22.1/28

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 466.807+/-0.141 χ^2/NDF : 61787.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.193+/-0.131 χ^2/NDF : 42640.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

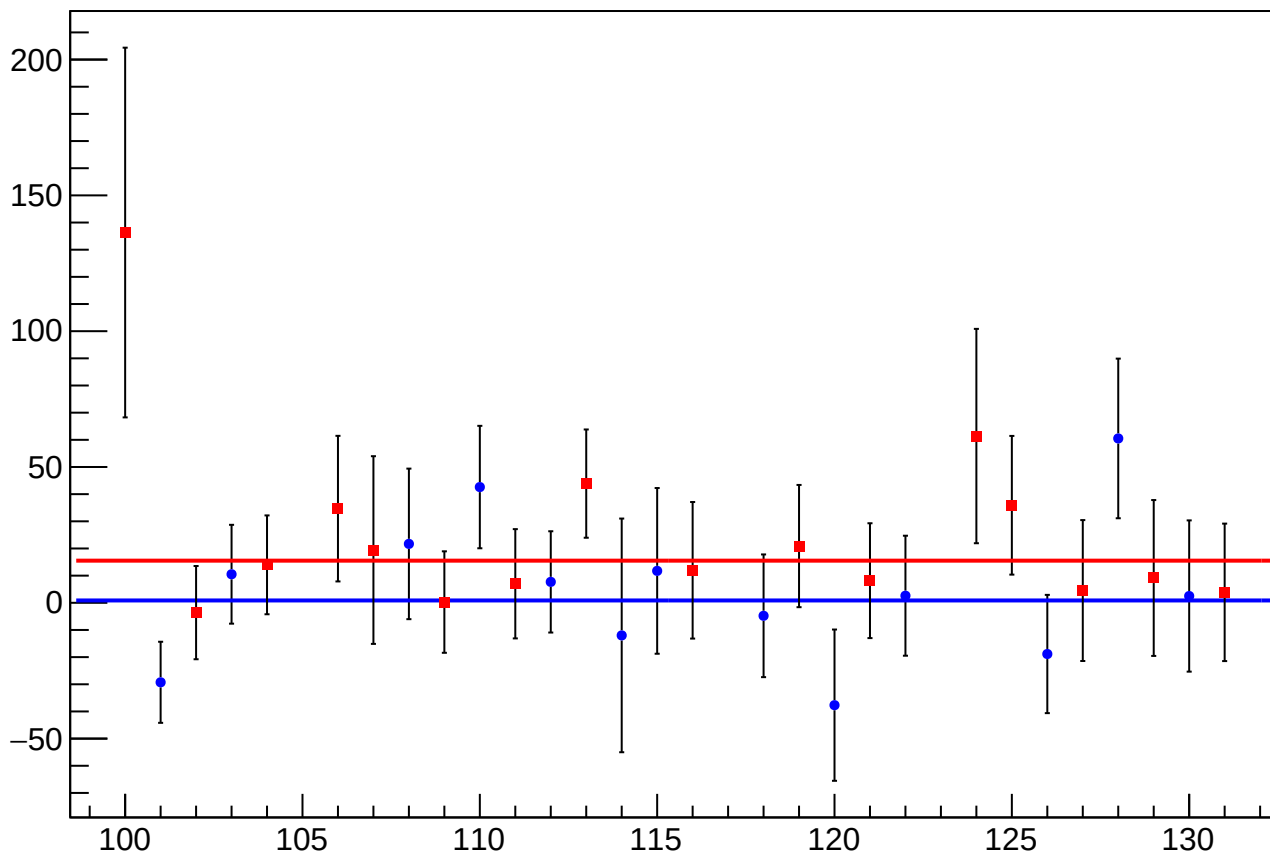
Right: 465.402+/-0.096 χ^2/NDF : 104612.9/28

In: 466.807+/-0.141 χ^2/NDF : 61787.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.402+/-0.096 χ^2/NDF : 104612.9/28

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 0.864 ± 6.308 $\chi^2/\text{NDF}: 15.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.517 ± 5.877 $\chi^2/\text{NDF}: 10.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

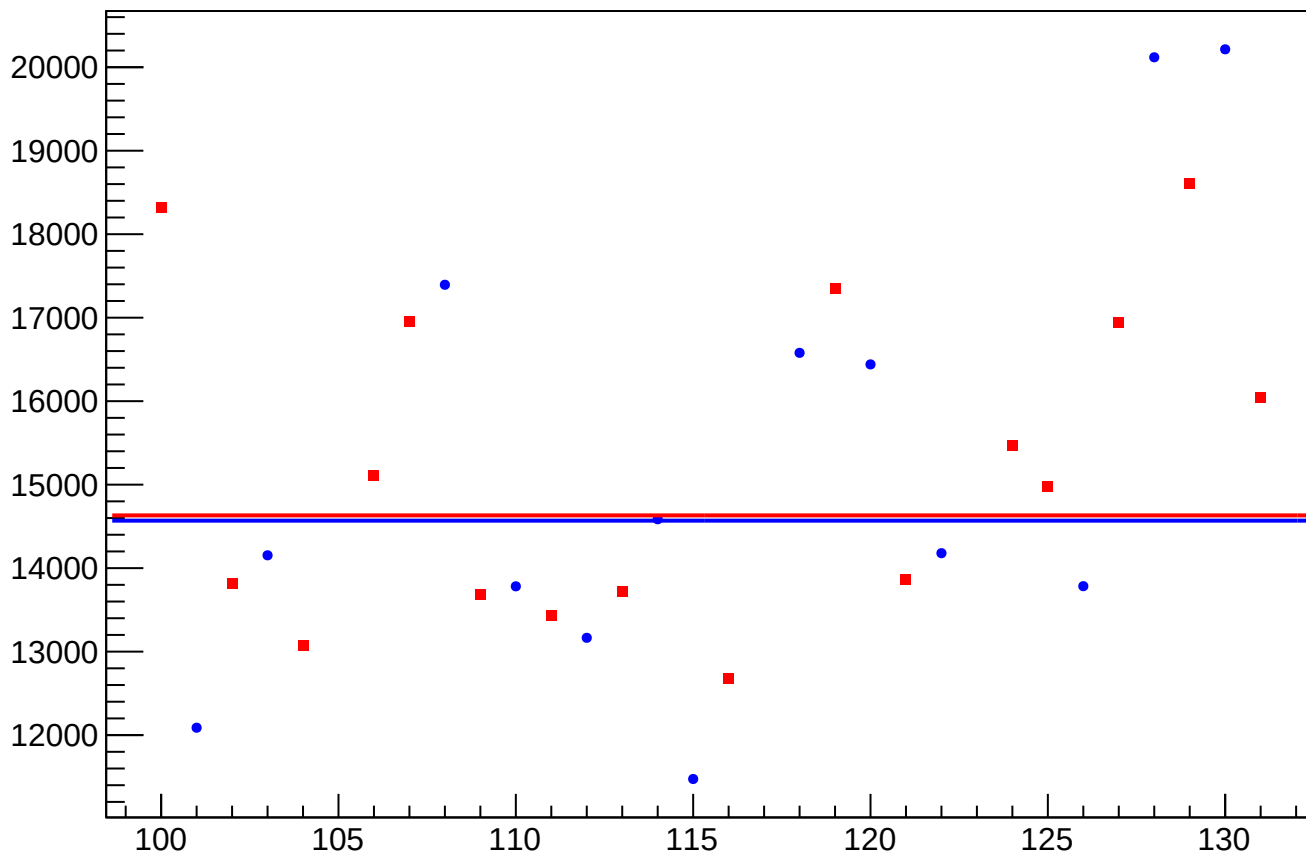
Right: 8.708 ± 4.300 $\chi^2/\text{NDF}: 28.9/28$

In: 0.864 ± 6.308 $\chi^2/\text{NDF}: 15.6/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 8.708 ± 4.300 $\chi^2/\text{NDF}: 28.9/28$

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 14568.817+/-4.461 χ^2/NDF : 293066.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14631.764+/-4.156 χ^2/NDF : 156962.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

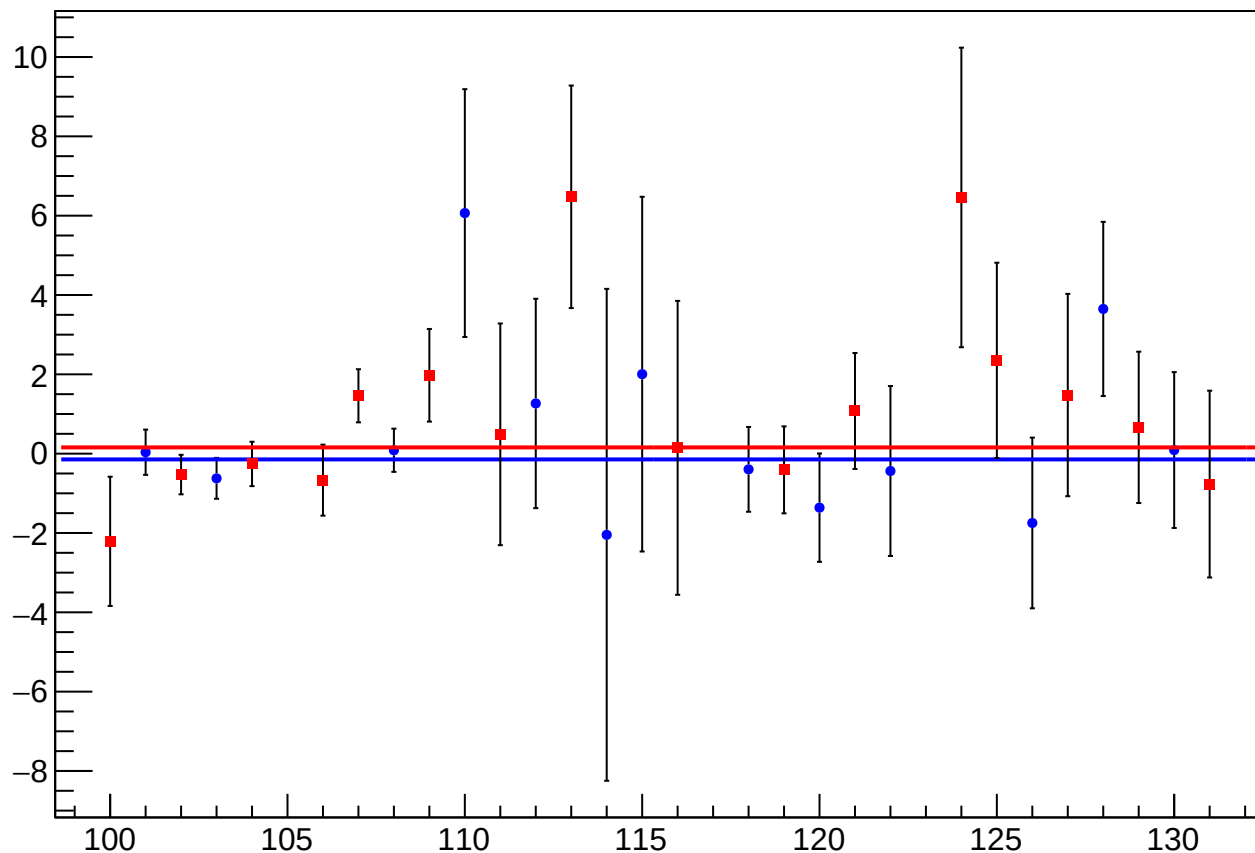
Right: 14602.513+/-3.041 χ^2/NDF : 450135.4/28

In: 14568.817+/-4.461 χ^2/NDF :293066.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14602.513+/-3.041 χ^2/NDF : 450135.4/28

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.145+/-0.279 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.158+/-0.265 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

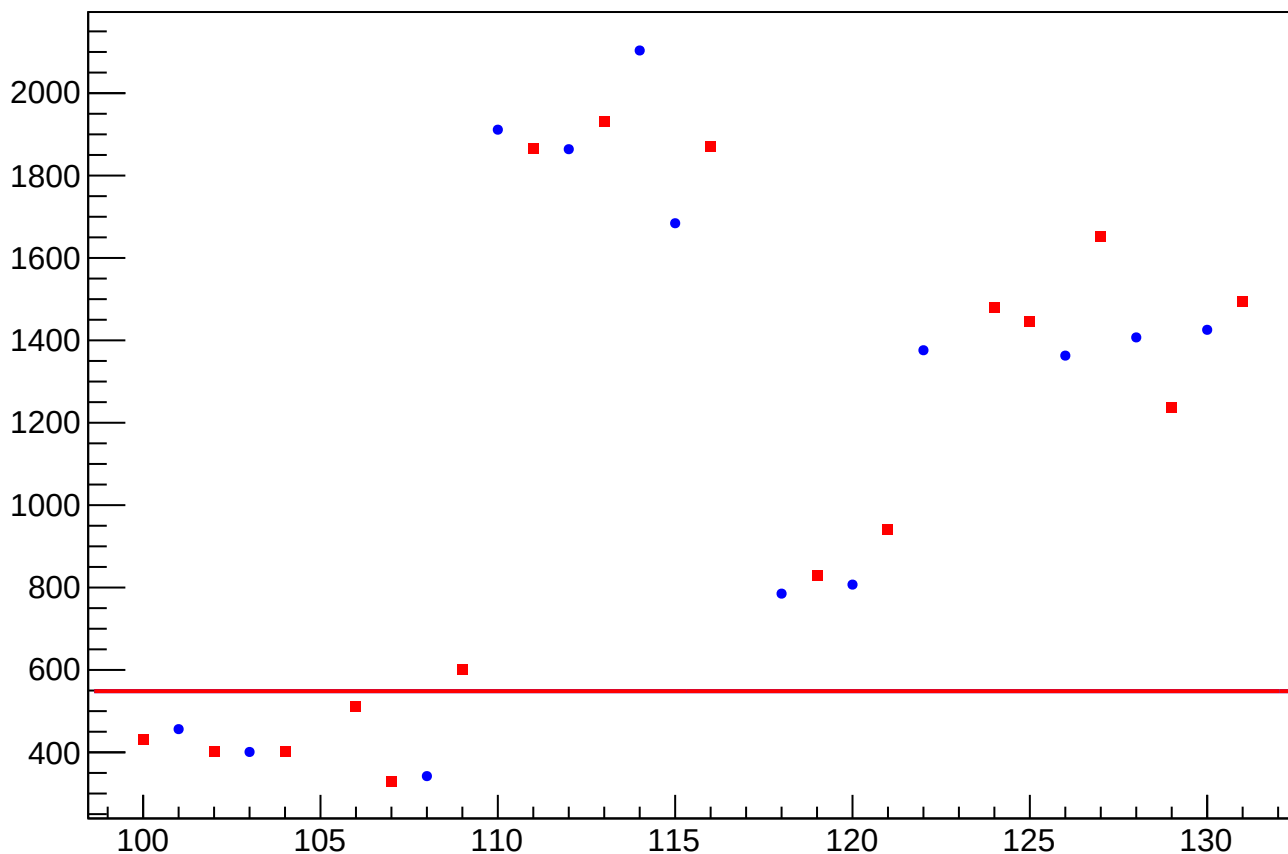
Right: 0.014+/-0.192 χ^2/NDF : 32.2/28

In: -0.145+/-0.279 χ^2/NDF :10.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.192 χ^2/NDF : 32.2/28

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 548.457+/-0.197 χ^2/NDF : 3094232.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 548.470+/-0.187 χ^2/NDF : 3351481.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

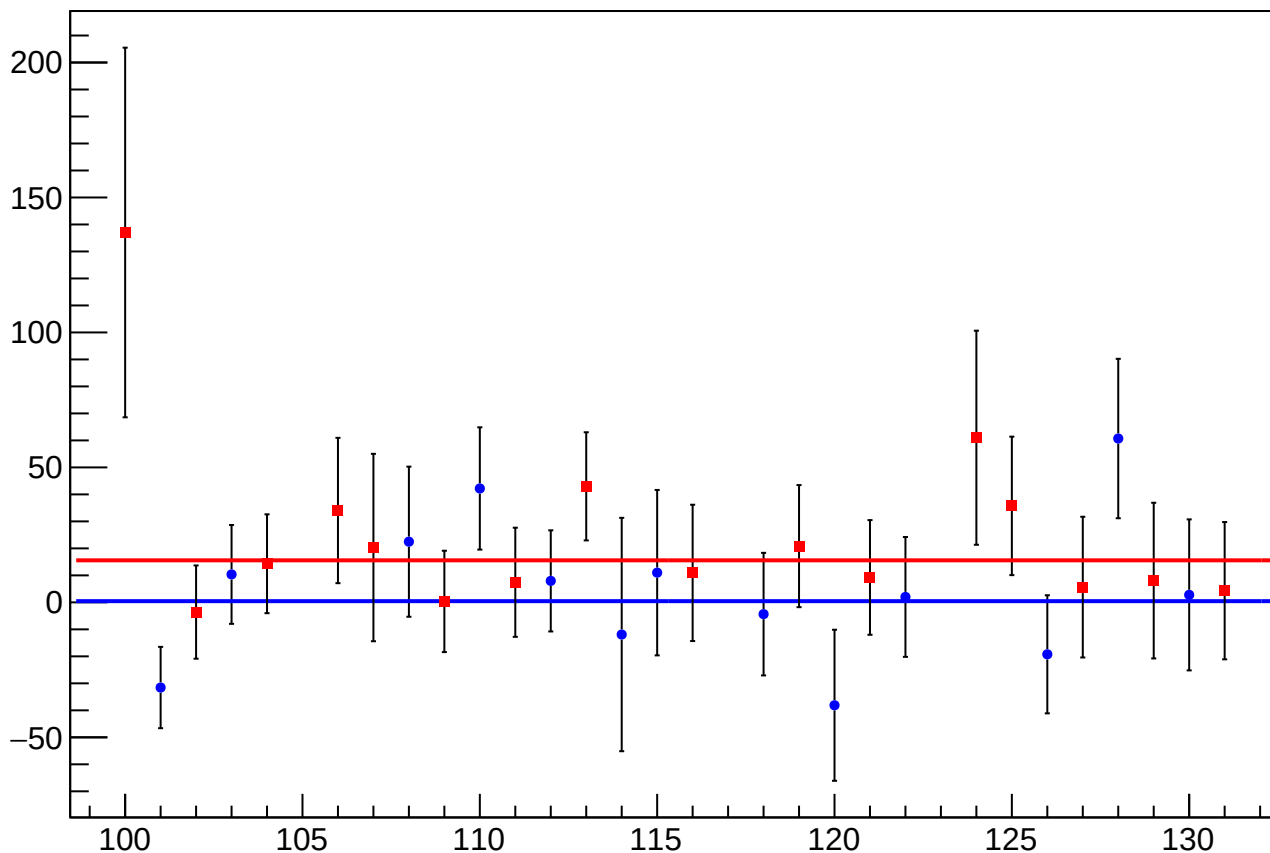
Right: 548.464+/-0.136 χ^2/NDF : 6445714.7/28

In: 548.457+/-0.197 χ^2/NDF :3094232.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 548.464+/-0.136 χ^2/NDF : 6445714.7/28

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 0.447 $\pm$ 6.345 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.572 $\pm$ 5.908 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

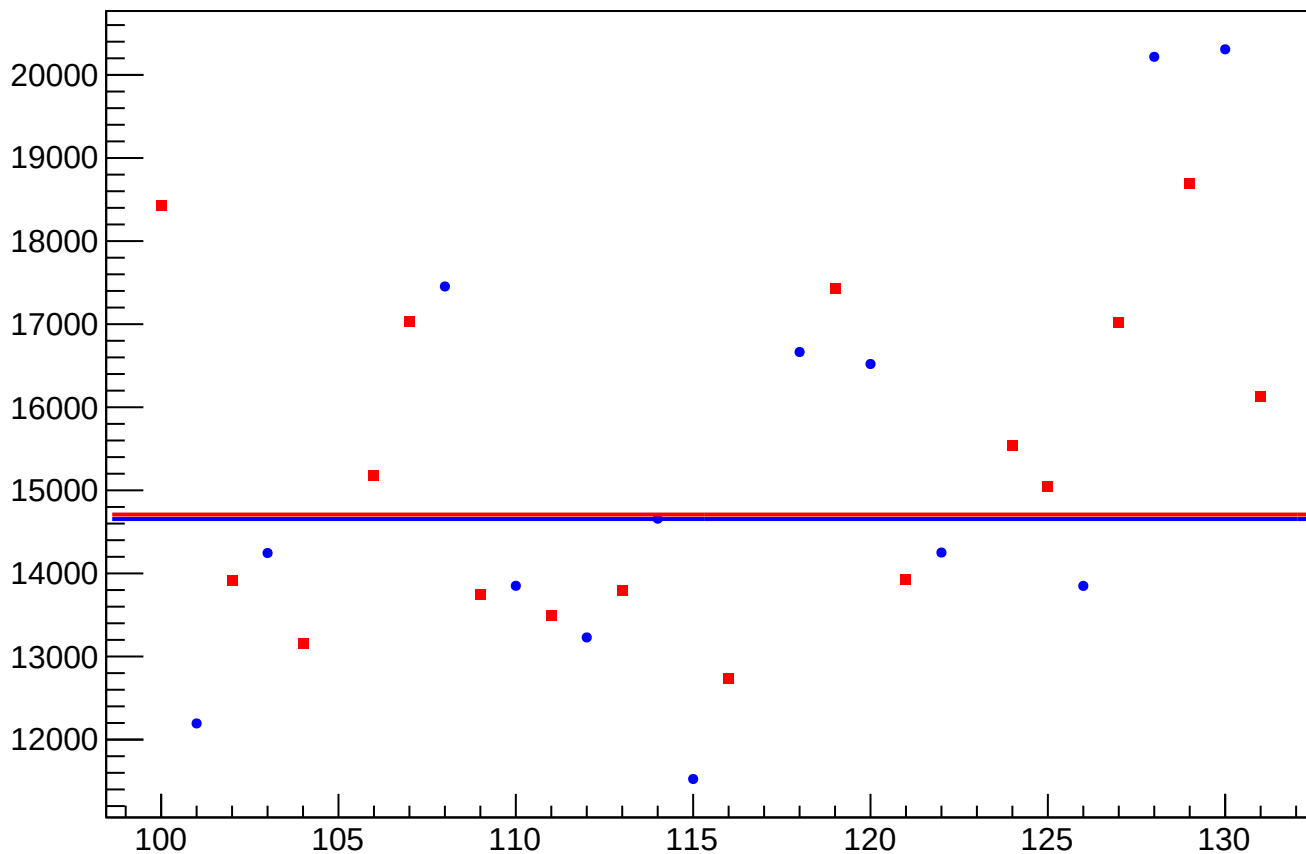
Right: 8.548 $\pm$ 4.324 χ^2 /NDF: 29.2/28

In: 0.447 $\pm$ 6.345 χ^2 /NDF:16.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.548 $\pm$ 4.324 χ^2 /NDF: 29.2/28

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14654.496+/-4.487 χ^2/NDF : 290142.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14708.798+/-4.178 χ^2/NDF : 156340.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

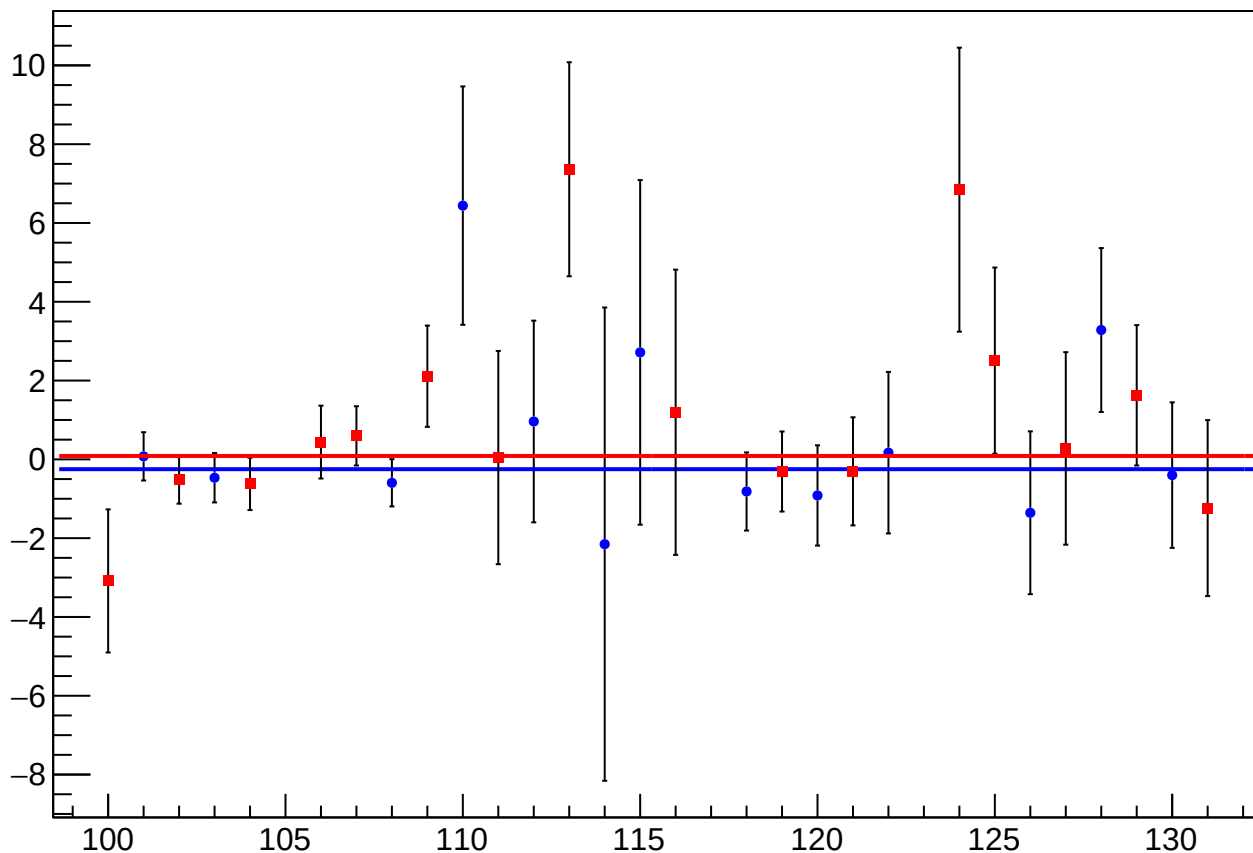
Right: 14683.581+/-3.058 χ^2/NDF : 446561.8/28

In: 14654.496+/-4.487 χ^2/NDF : 290142.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14683.581+/-3.058 χ^2/NDF : 446561.8/28

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.249 ± 0.302 χ^2/NDF : 10.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.086 ± 0.293 χ^2/NDF : 21.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

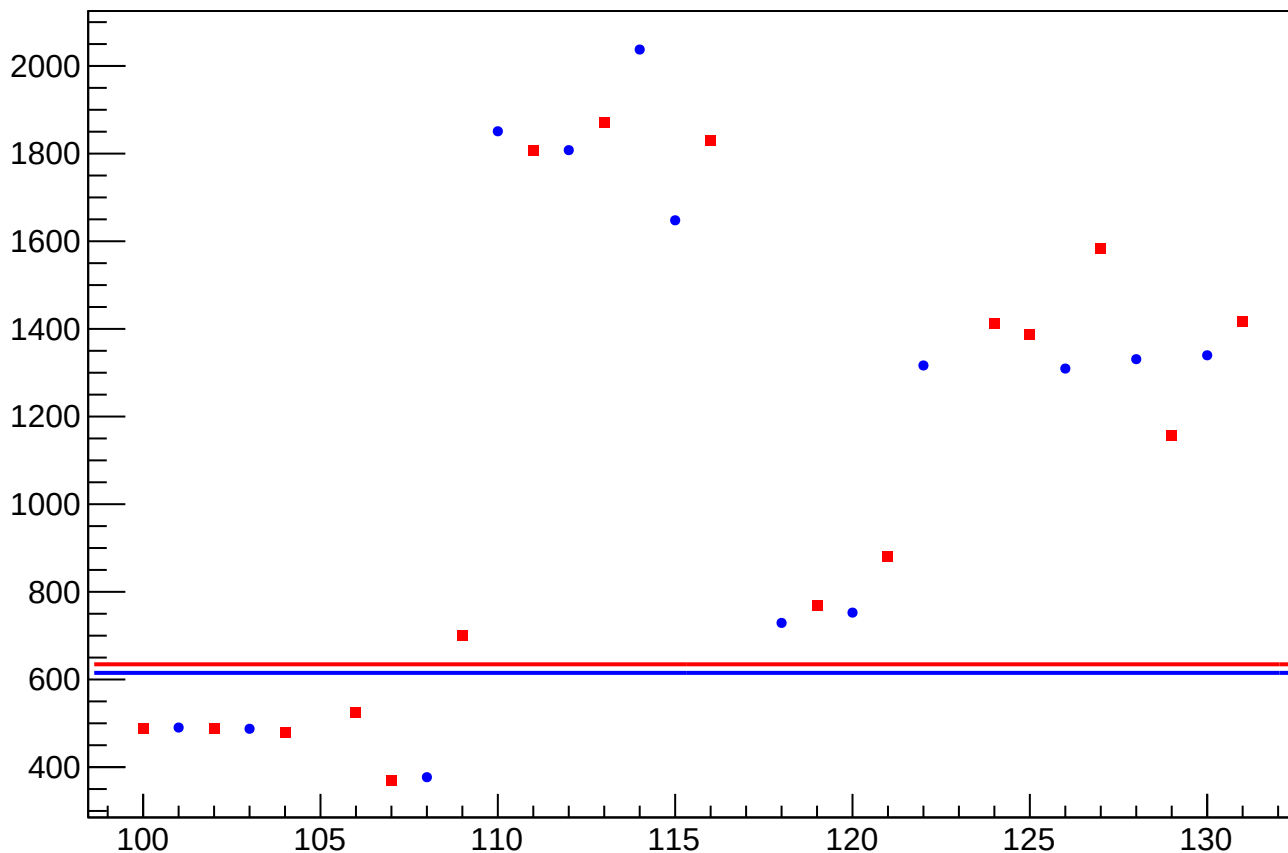
Right: -0.077 ± 0.210 χ^2/NDF : 32.3/28

In: -0.249 ± 0.302 χ^2/NDF : 10.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.077 ± 0.210 χ^2/NDF : 32.3/28

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 615.083+/-0.214 χ^2/NDF : 2526945.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 634.661+/-0.207 χ^2/NDF : 2642331.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

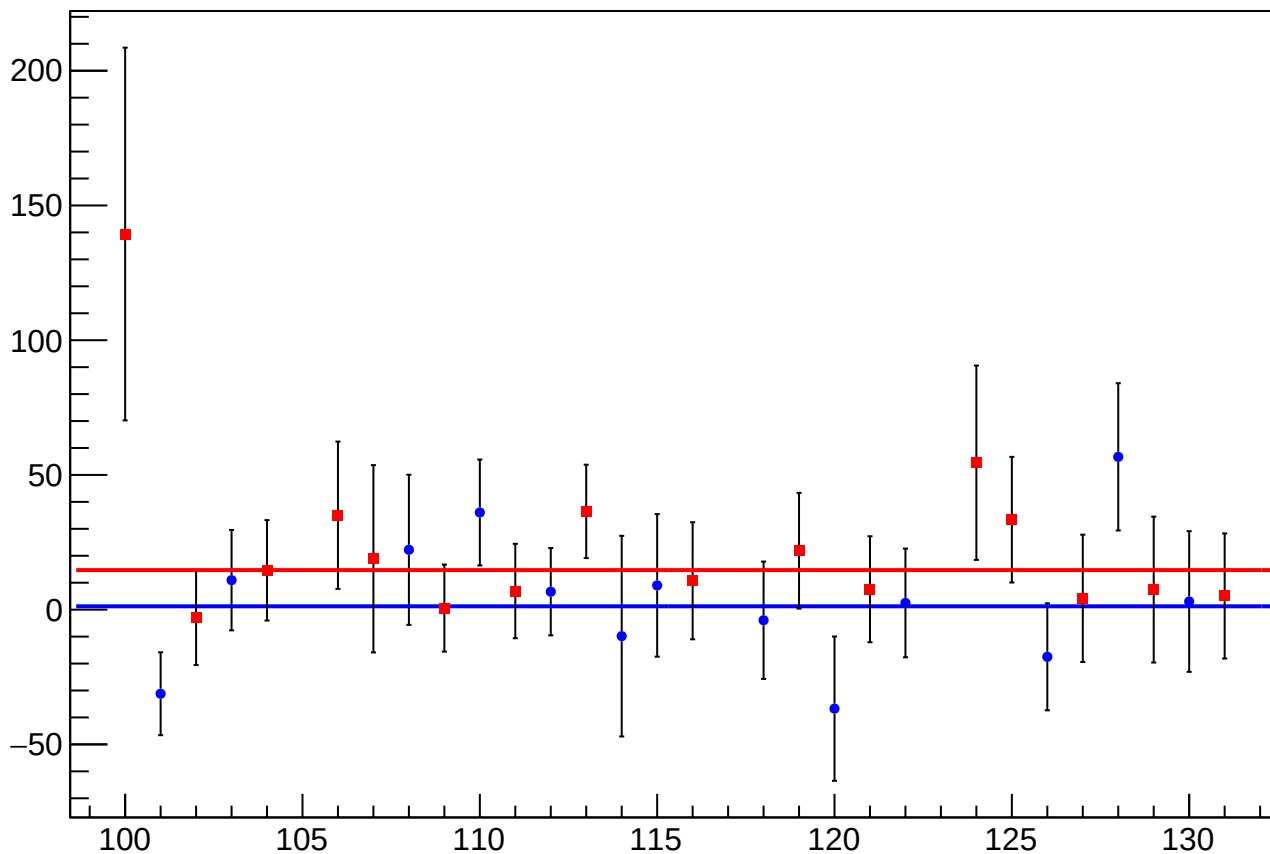
Right: 625.160+/-0.149 χ^2/NDF : 5173600.9/28

In: 615.083+/-0.214 χ^2/NDF :2526945.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 625.160+/-0.149 χ^2/NDF : 5173600.9/28

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 1.250+/-5.949 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.685+/-5.472 χ^2/NDF : 9.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

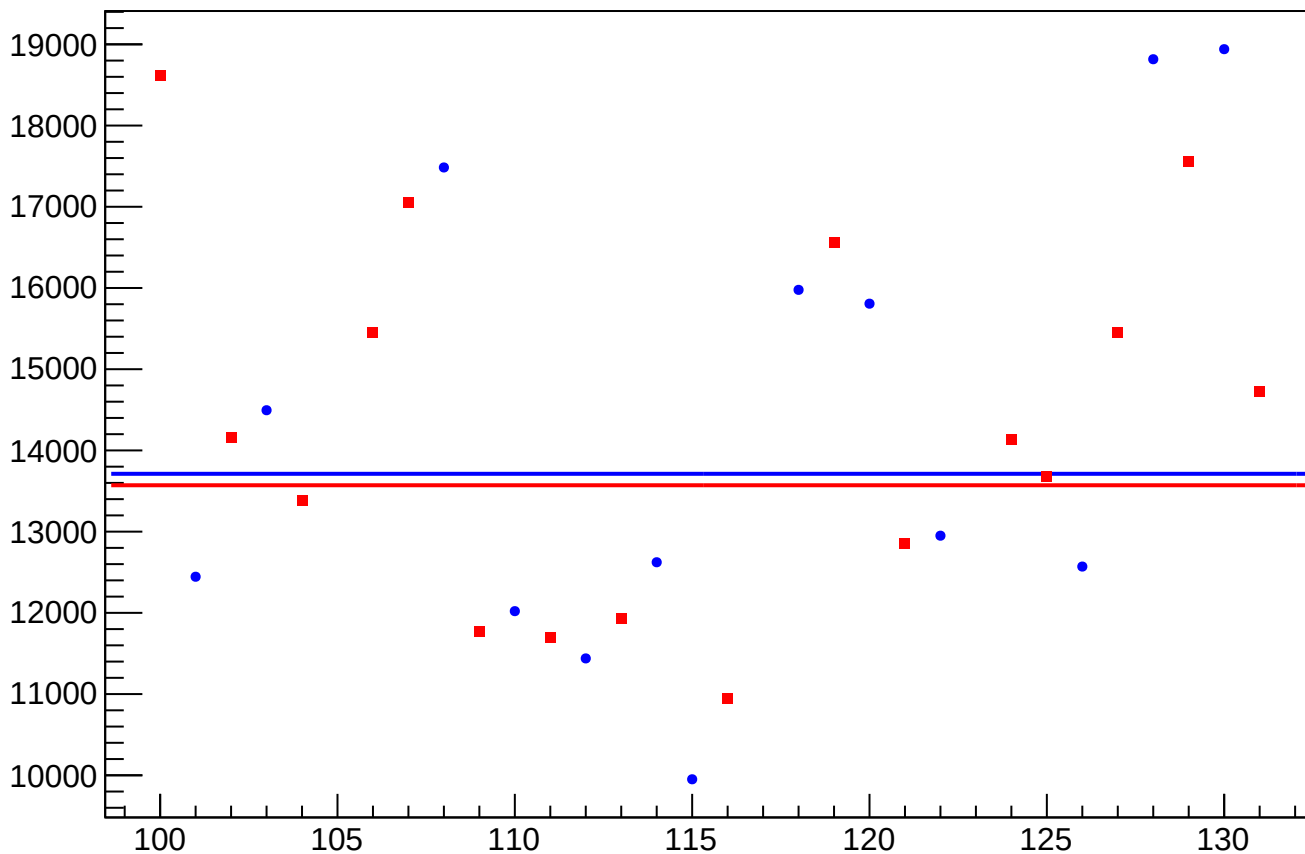
Right: 8.528+/-4.027 χ^2/NDF : 28.5/28

In: 1.250+/-5.949 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.528+/-4.027 χ^2/NDF : 28.5/28

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13712.116+/-4.207 χ^2/NDF : 343497.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13571.124+/-3.869 χ^2/NDF : 240004.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

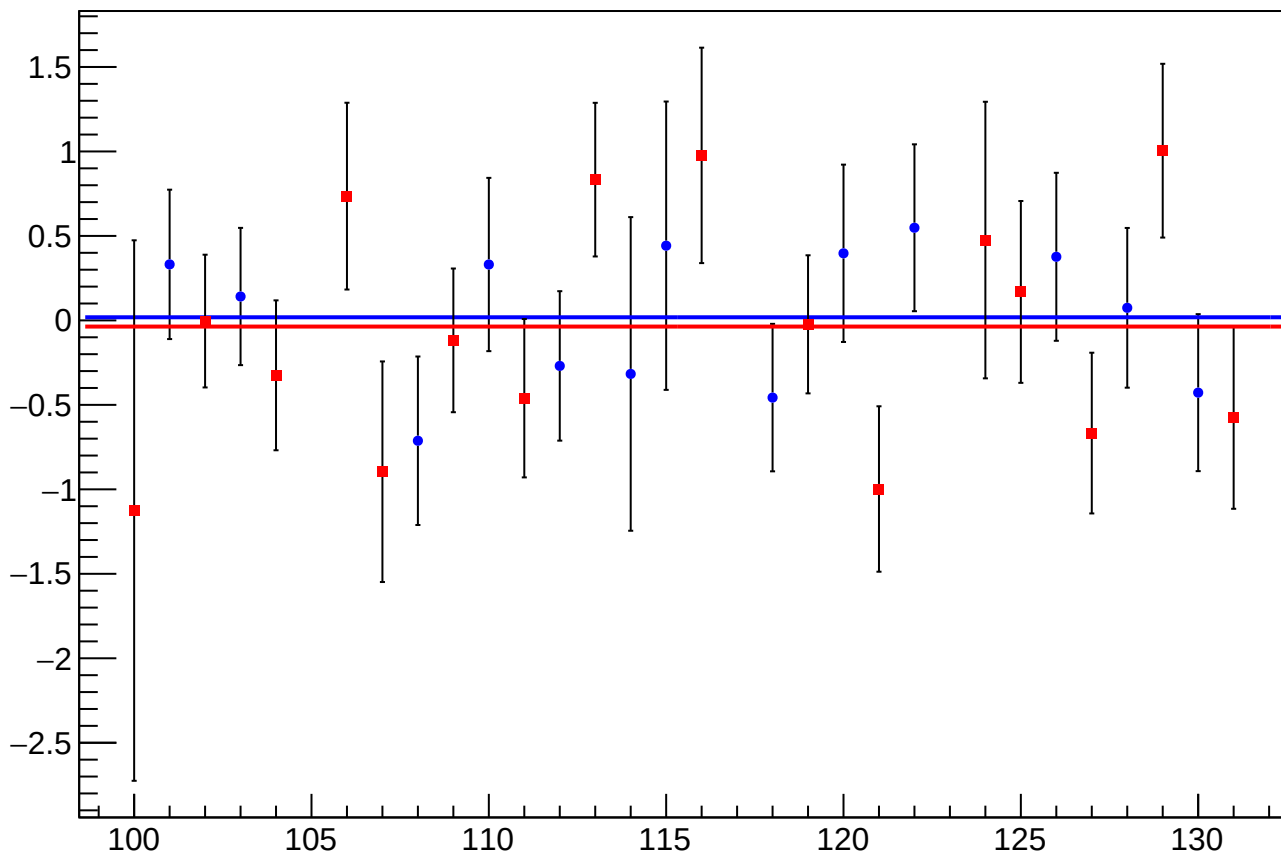
Right: 13635.737+/-2.848 χ^2/NDF : 584109.8/28

In: 13712.116+/-4.207 χ^2/NDF :343497.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13635.737+/-2.848 χ^2/NDF : 584109.8/28

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.138 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.037 $\pm$ 0.127 χ^2 /NDF: 22.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

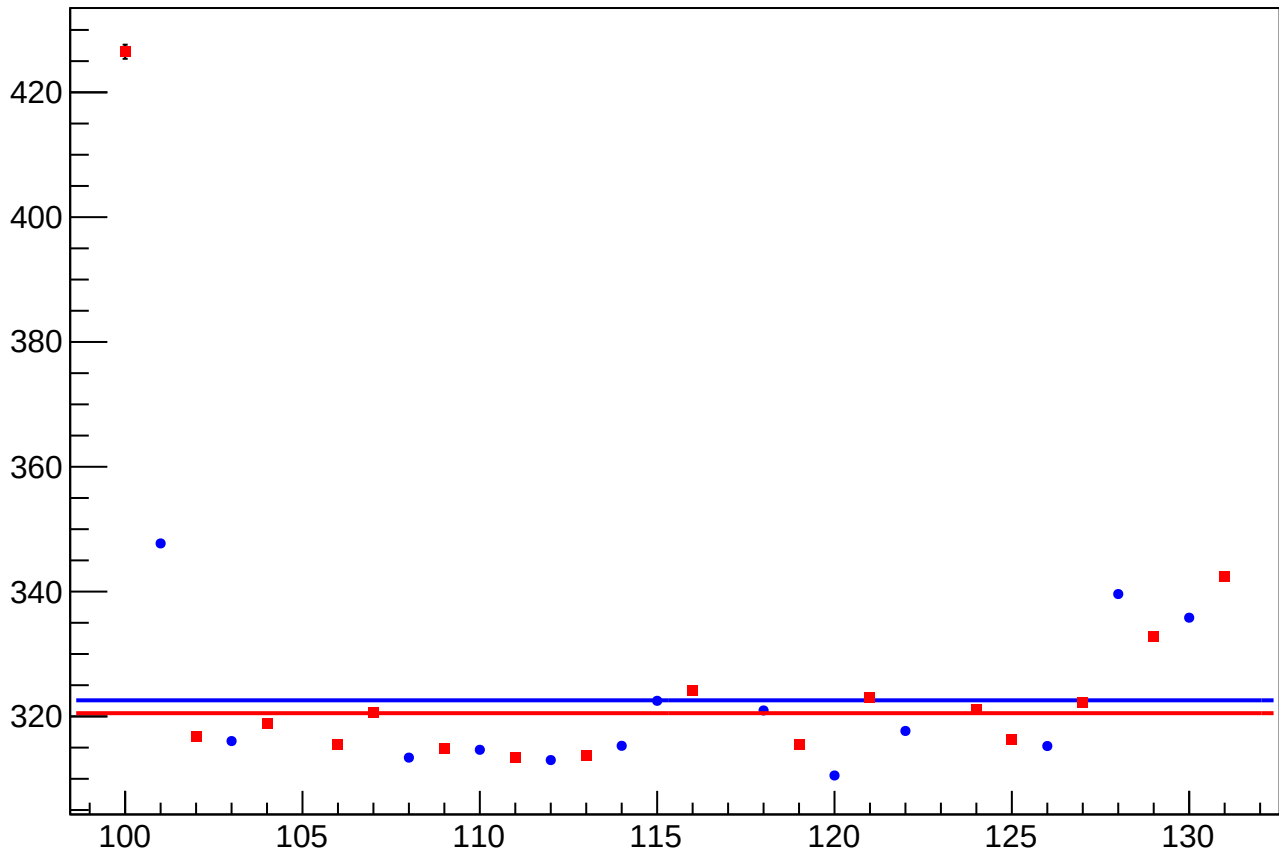
Right: -0.011 $\pm$ 0.093 χ^2 /NDF: 31.2/28

In: 0.018 $\pm$ 0.138 χ^2 /NDF:8.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.093 χ^2 /NDF: 31.2/28

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 322.578+/-0.097 χ^2/NDF : 15132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.517+/-0.090 χ^2/NDF : 15398.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

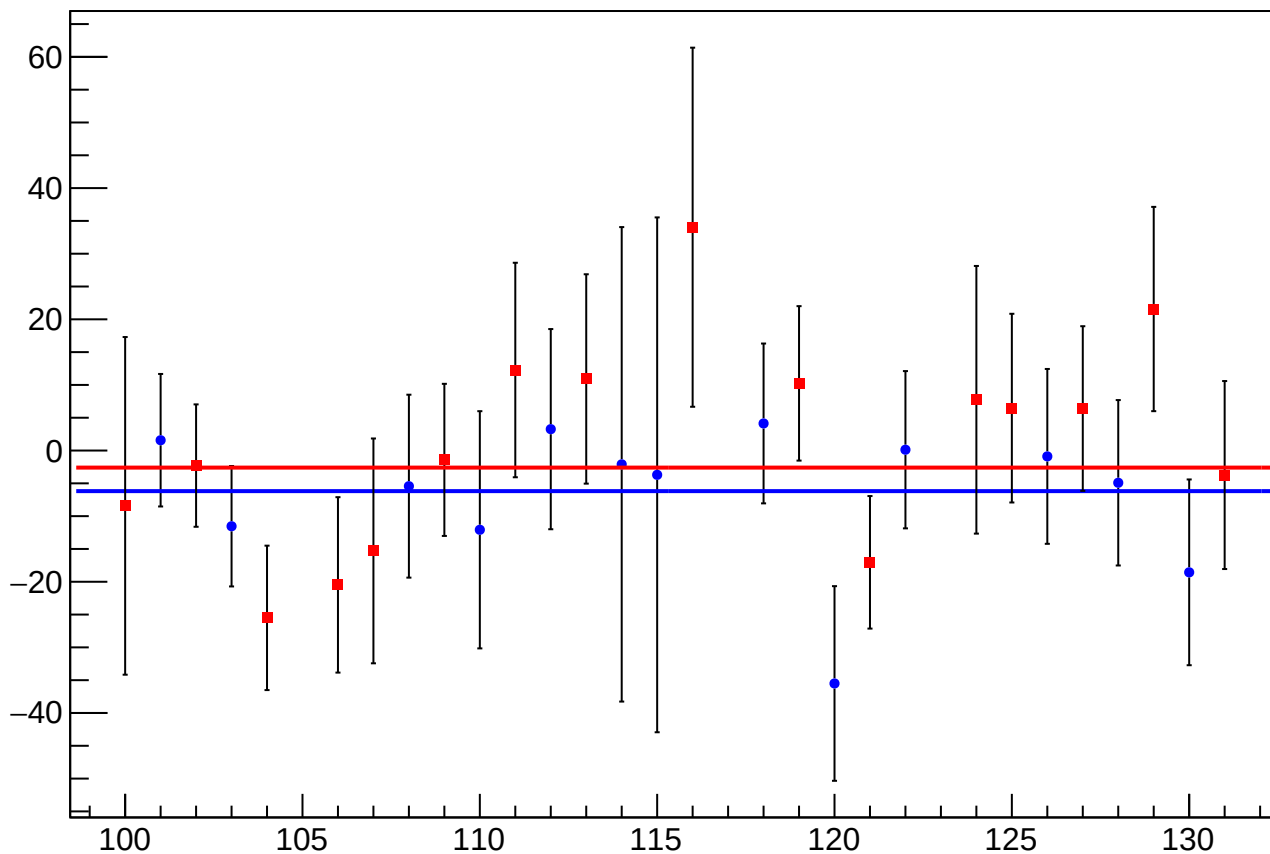
Right: 321.467+/-0.066 χ^2/NDF : 30772.1/28

In: 322.578+/-0.097 χ^2/NDF : 15132.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.467+/-0.066 χ^2/NDF : 30772.1/28

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -6.186+/-3.759 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.600+/-3.404 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

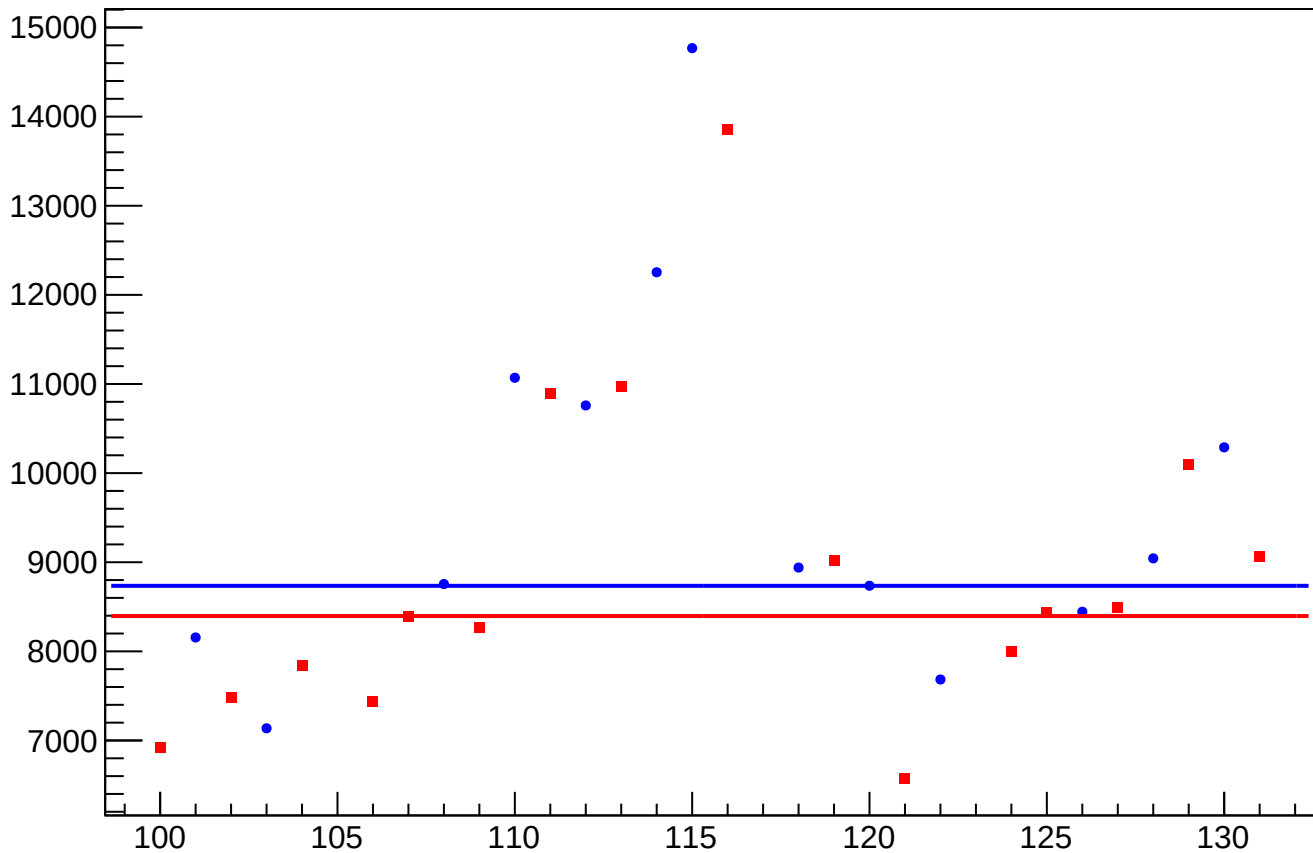
Right: -4.216+/-2.523 χ^2/NDF : 24.7/28

In: -6.186+/-3.759 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.216+/-2.523 χ^2/NDF : 24.7/28

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8735.377+/-2.658 χ^2/NDF : 244264.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8396.262+/-2.407 χ^2/NDF : 319052.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

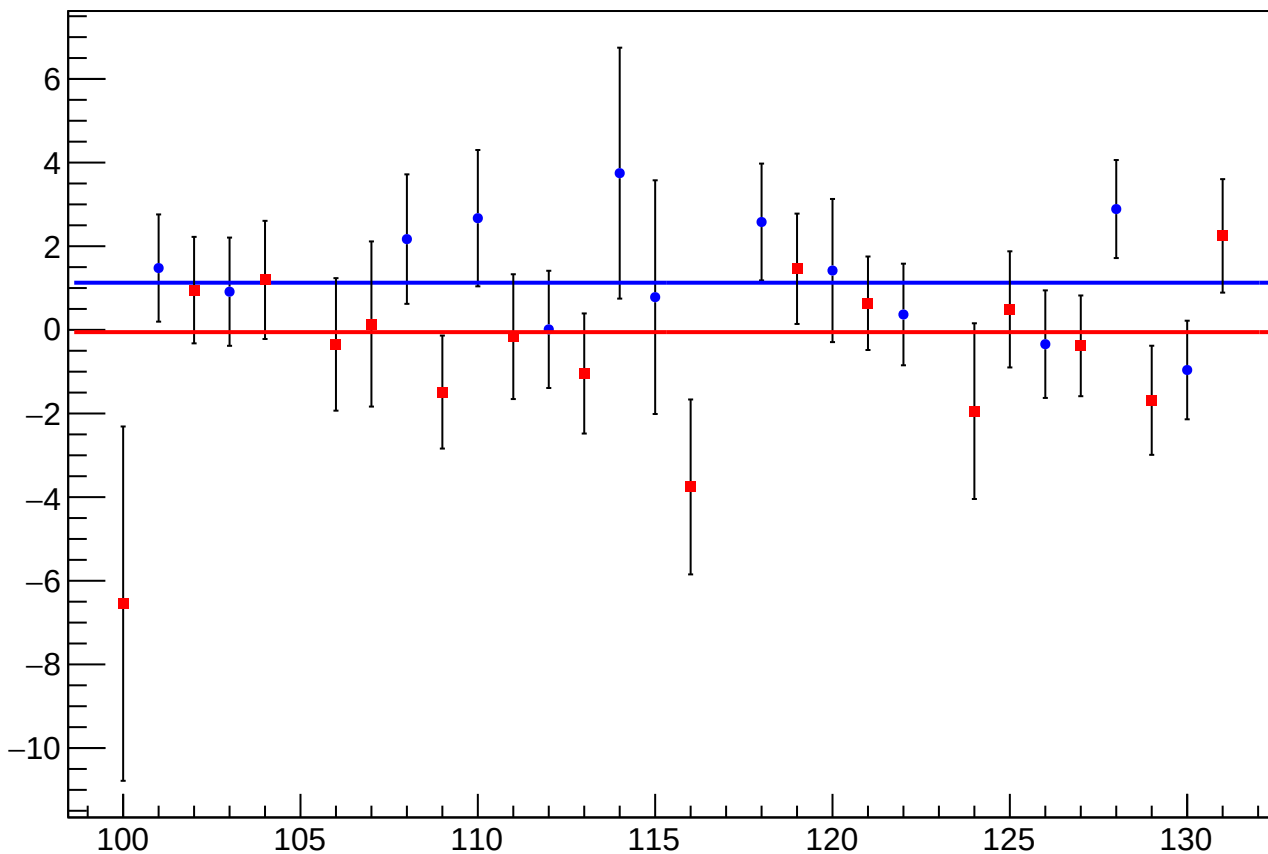
Right: 8549.022+/-1.784 χ^2/NDF : 572259.9/28

In: 8735.377+/-2.658 χ^2/NDF :244264.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8549.022+/-1.784 χ^2/NDF : 572259.9/28

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.127+/-0.397 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.054+/-0.366 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

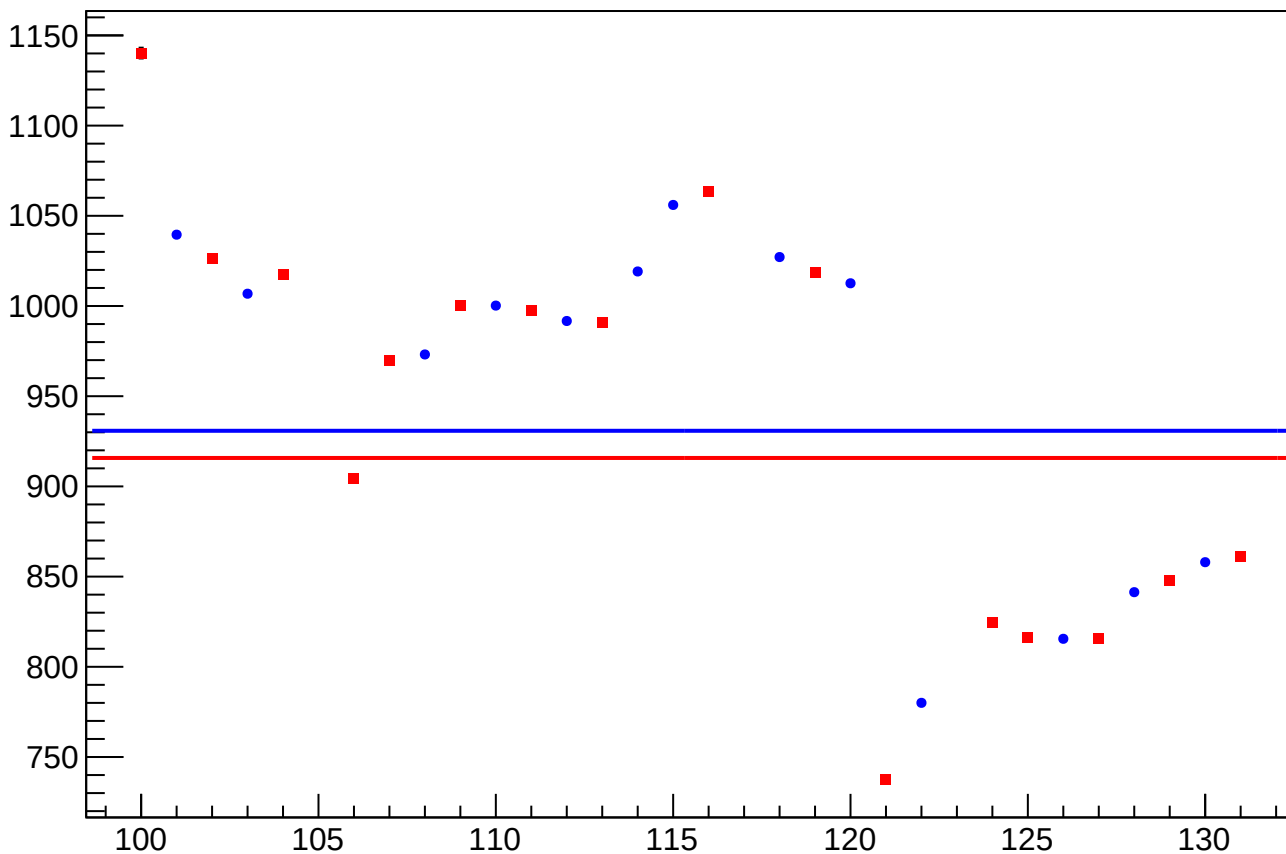
Right: 0.487+/-0.269 χ^2/NDF : 31.6/28

In: 1.127+/-0.397 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.487+/-0.269 χ^2/NDF : 31.6/28

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 930.830+/-0.281 χ^2/NDF : 116167.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.765+/-0.259 χ^2/NDF : 161441.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

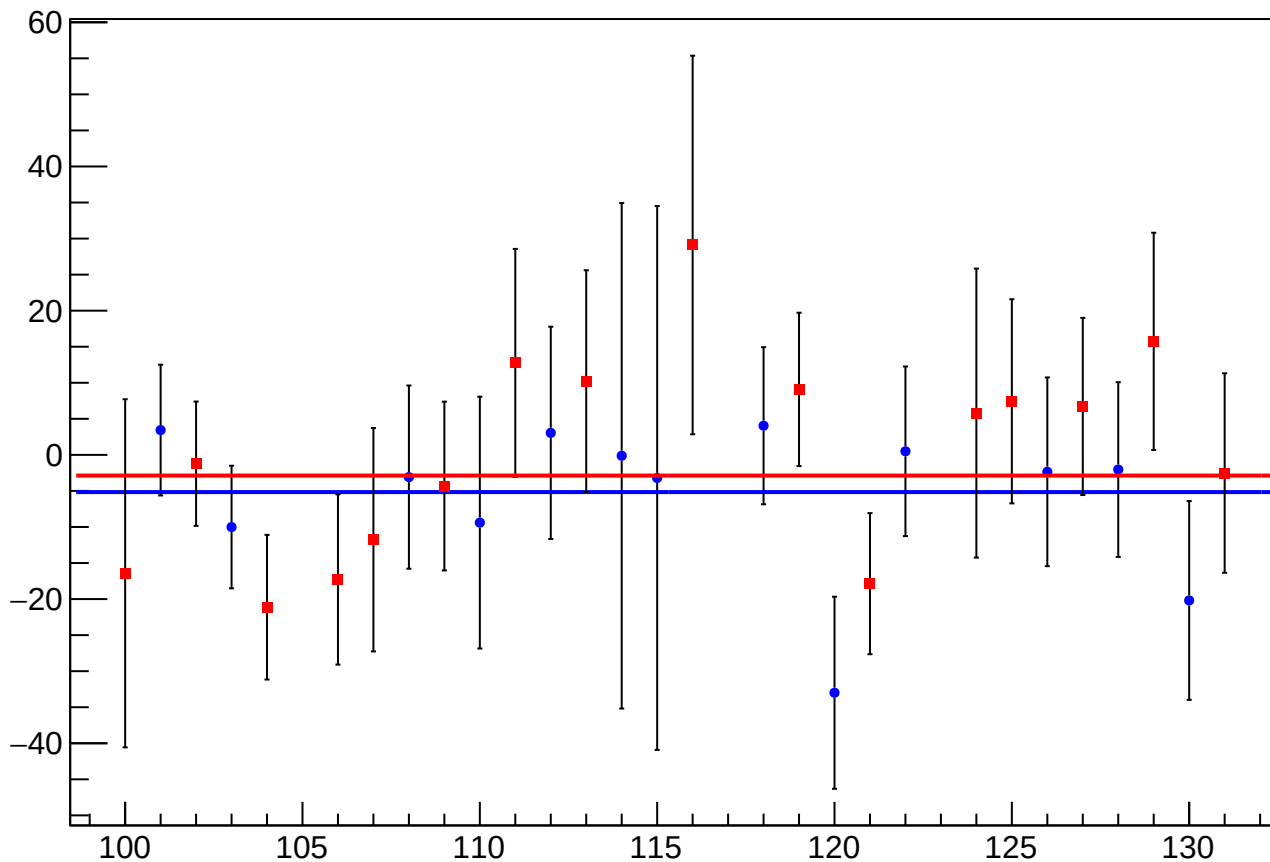
Right: 922.671+/-0.190 χ^2/NDF : 279164.7/28

In: 930.830+/-0.281 χ^2/NDF : 116167.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 922.671+/-0.190 χ^2/NDF : 279164.7/28

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -5.161 ± 3.518 χ^2/NDF : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.870 ± 3.220 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

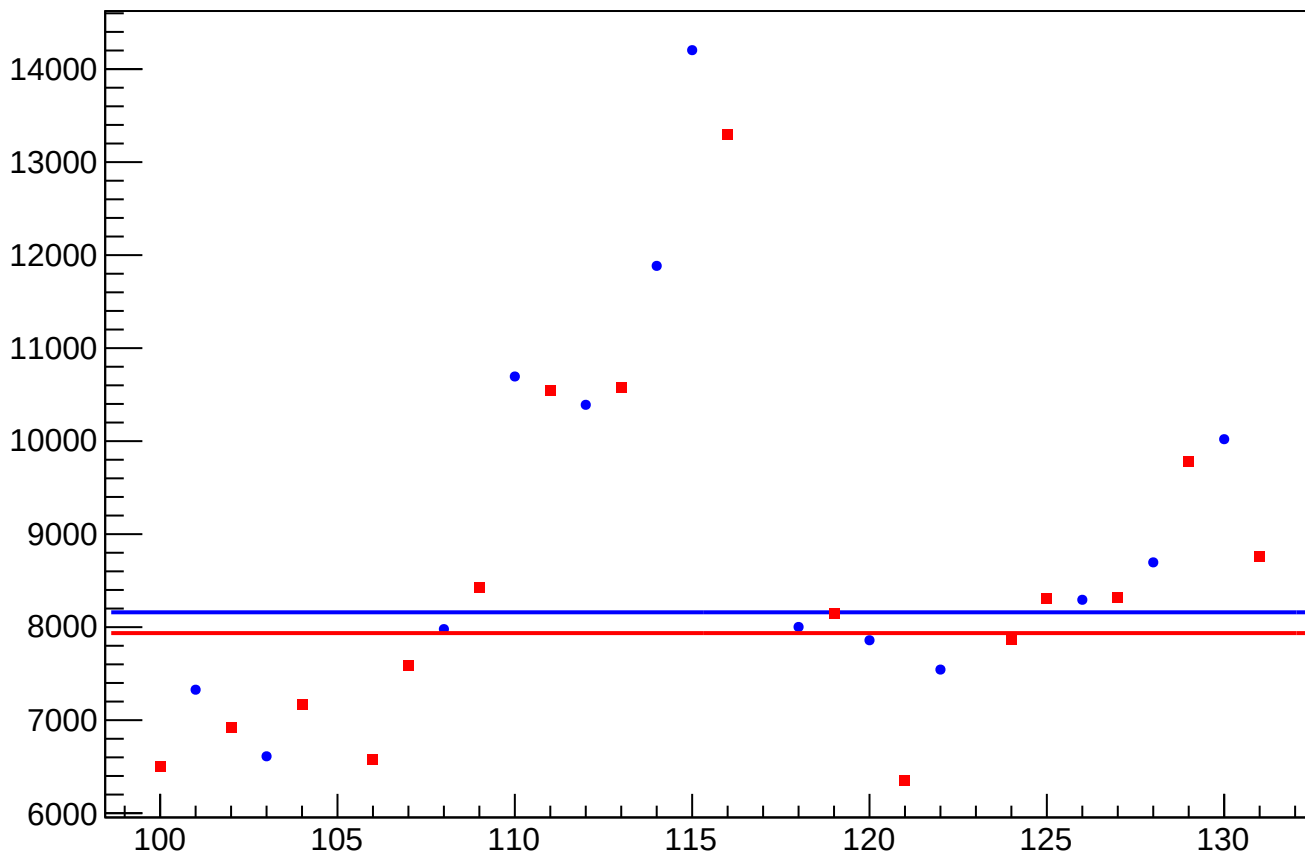
Right: -3.914 ± 2.375 χ^2/NDF : 23.6/28

In: -5.161 ± 3.518 χ^2/NDF : 8.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.914 ± 2.375 χ^2/NDF : 23.6/28

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 8159.657+/-2.488 χ^2/NDF : 293084.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7936.140+/-2.277 χ^2/NDF : 367593.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

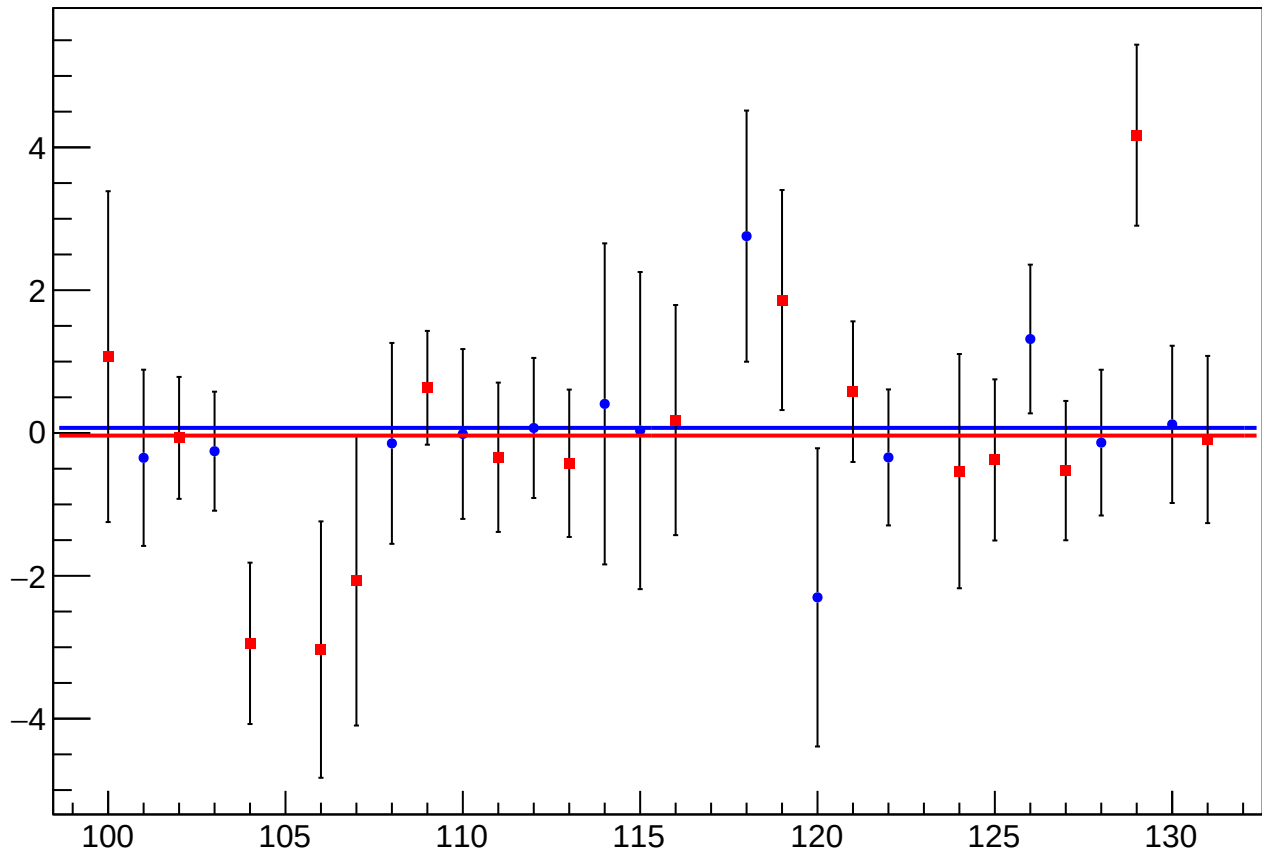
Right: 8038.023+/-1.680 χ^2/NDF : 665070.8/28

In: 8159.657+/-2.488 χ^2/NDF : 293084.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8038.023+/-1.680 χ^2/NDF : 665070.8/28

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.331 χ^2/NDF : 5.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.292 χ^2/NDF : 25.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

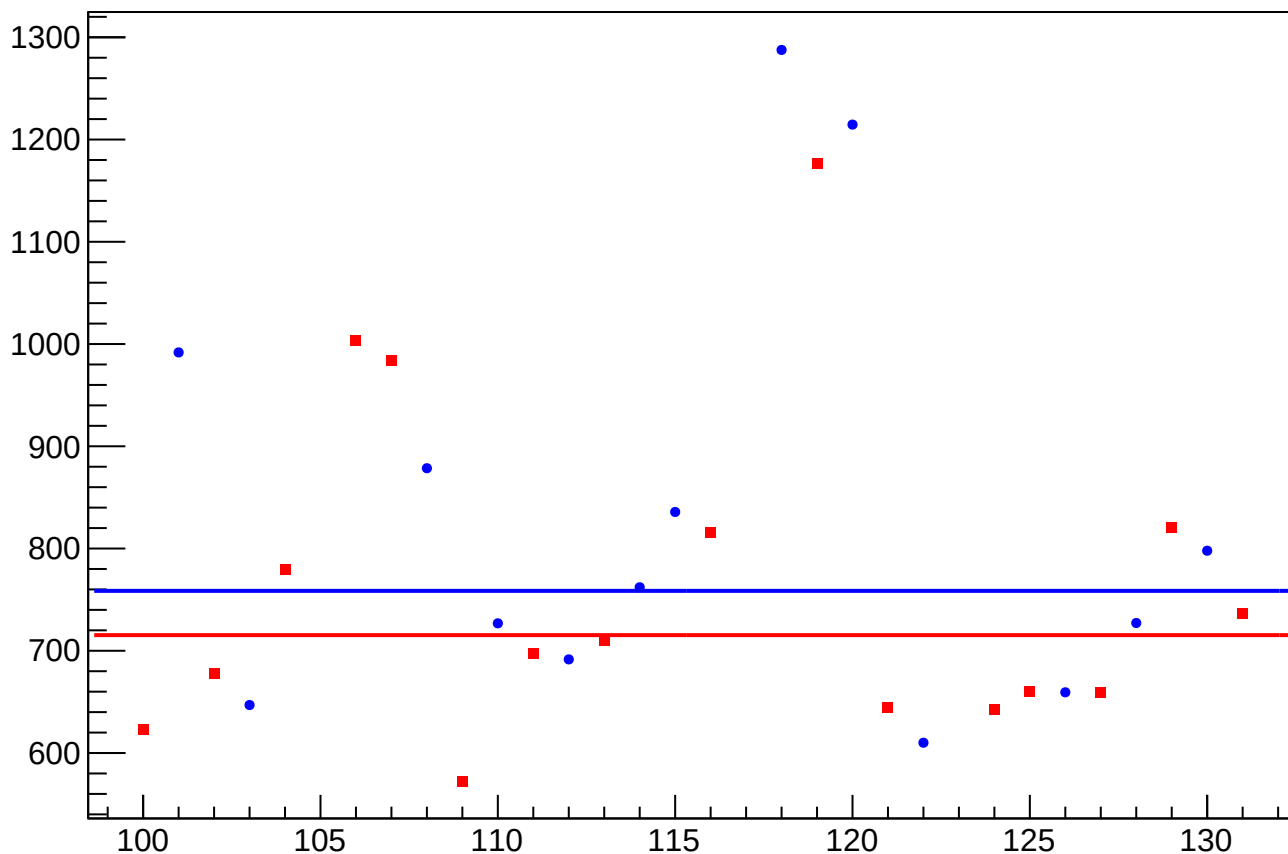
Right: 0.011+/-0.219 χ^2/NDF : 30.6/28

In: 0.072+/-0.331 χ^2/NDF : 5.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.219 χ^2/NDF : 30.6/28

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 758.588+/-0.234 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.297+/-0.207 χ^2/NDF : 391652.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

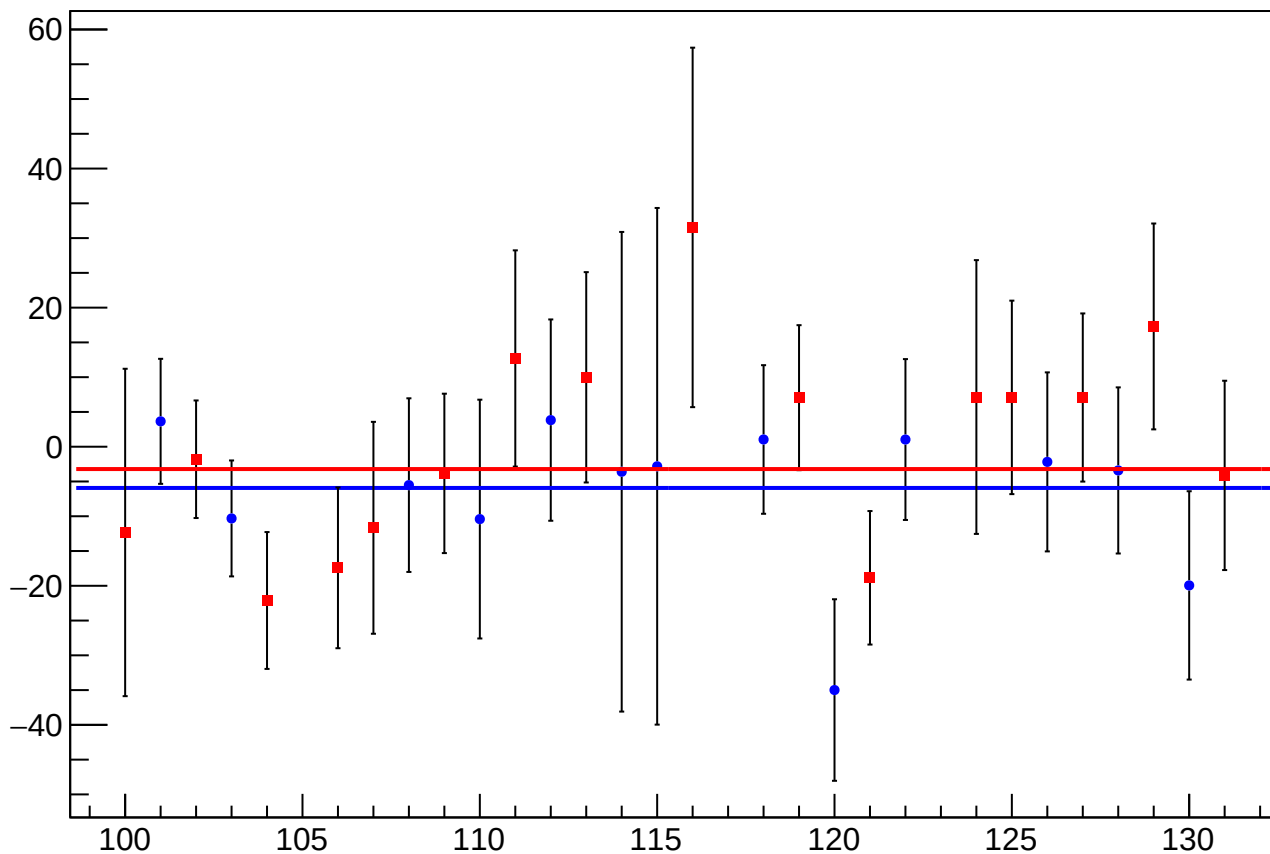
Right: 734.230+/-0.155 χ^2/NDF : 893550.5/28

In: 758.588+/-0.234 χ^2/NDF : 482682.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.230+/-0.155 χ^2/NDF : 893550.5/28

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.929+/-3.460 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.213+/-3.160 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

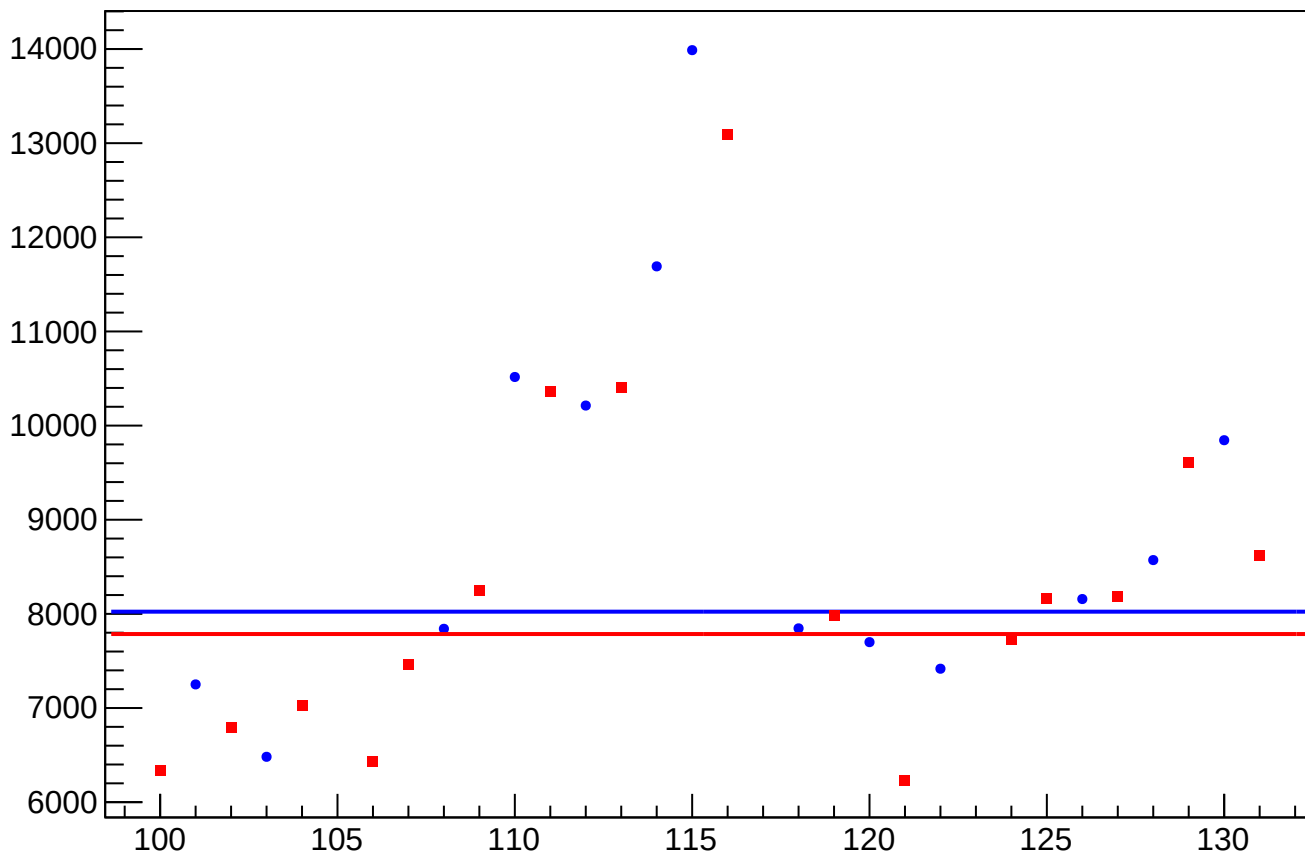
Right: -4.448+/-2.334 χ^2/NDF : 25.6/28

In: -5.929+/-3.460 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.448+/-2.334 χ^2/NDF : 25.6/28

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 8023.411+/-2.447 χ^2/NDF : 293592.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7785.870+/-2.235 χ^2/NDF : 372042.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

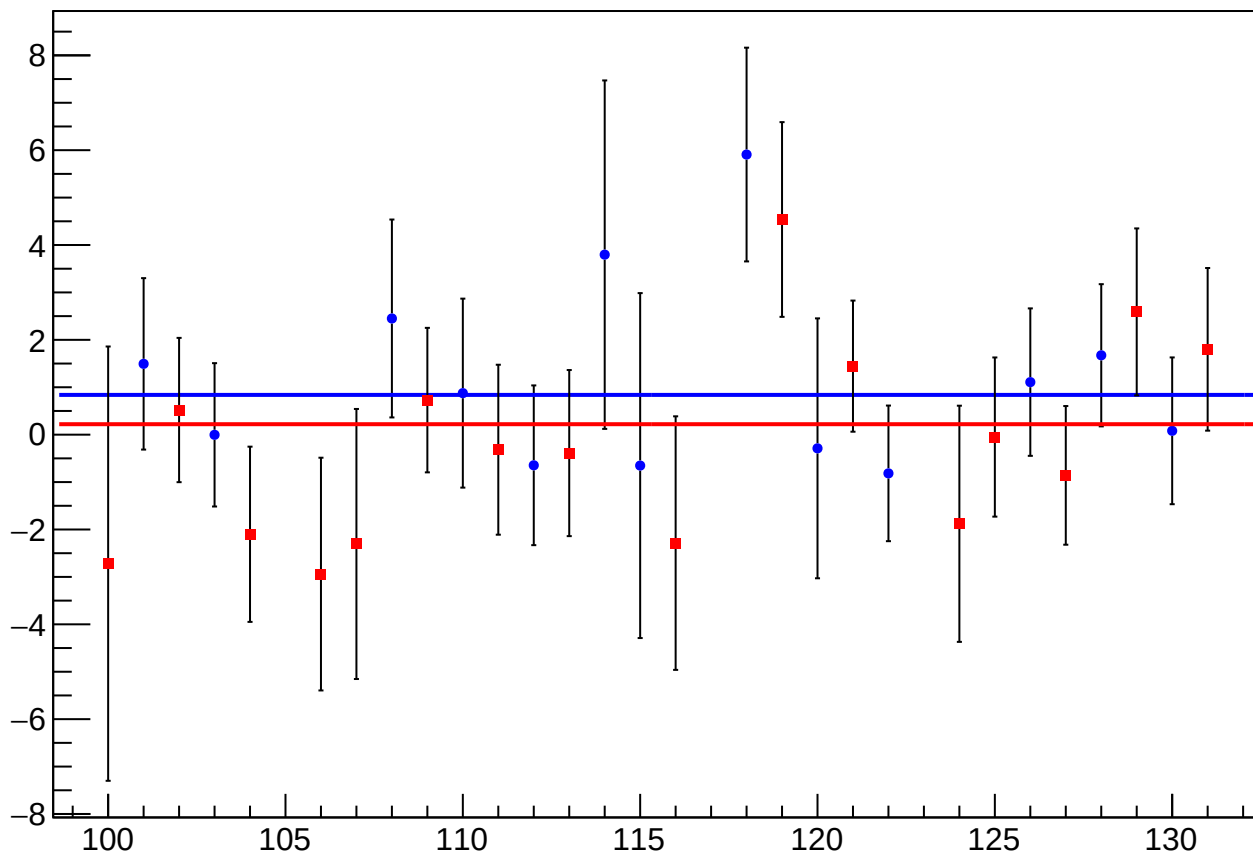
Right: 7893.890+/-1.650 χ^2/NDF : 670773.4/28

In: 8023.411+/-2.447 χ^2/NDF : 293592.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7893.890+/-1.650 χ^2/NDF : 670773.4/28

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.839 $\pm$ 0.512 χ^2 /NDF: 9.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.221 $\pm$ 0.462 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

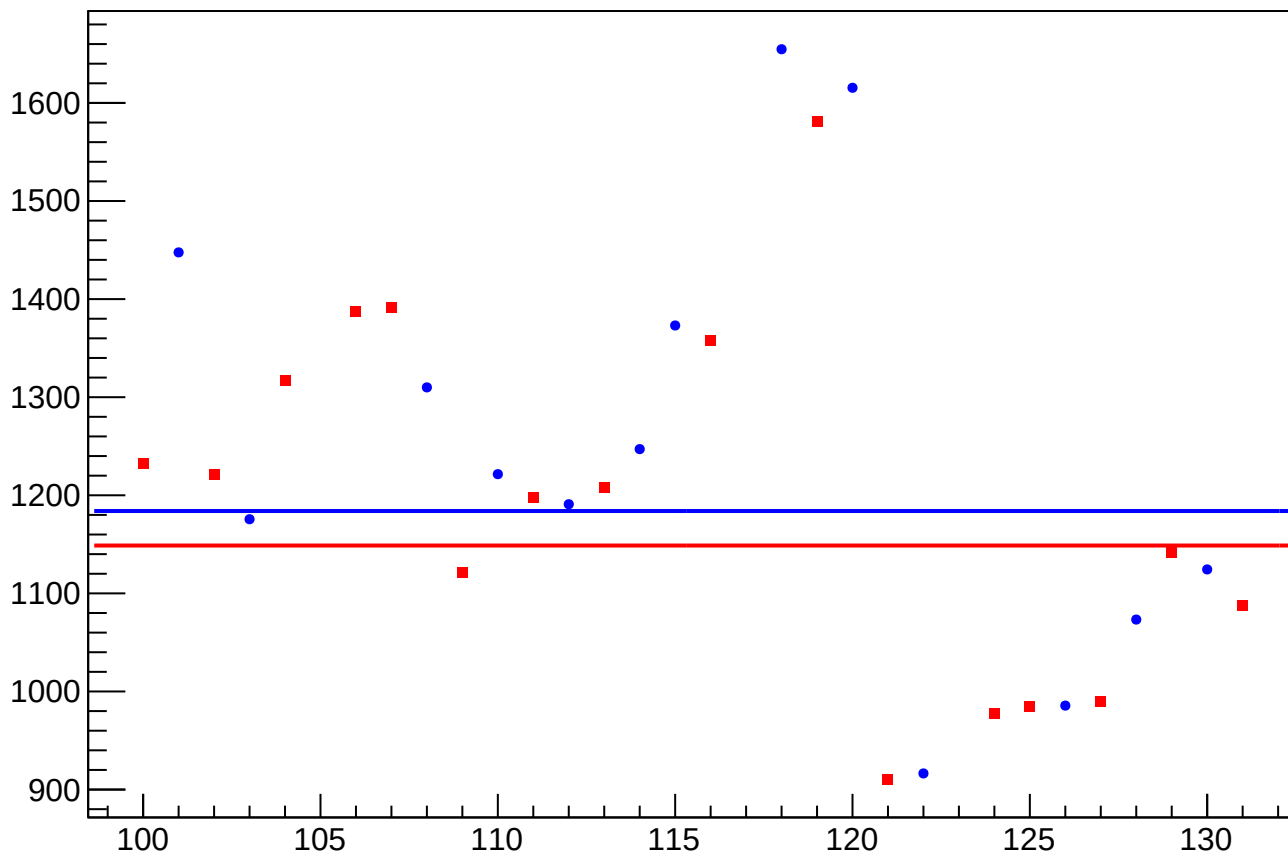
Right: 0.499 $\pm$ 0.343 χ^2 /NDF: 25.4/28

In: 0.839 $\pm$ 0.512 χ^2 /NDF:9.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.499 $\pm$ 0.343 χ^2 /NDF: 25.4/28

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1183.968+/-0.362 χ^2/NDF : 309812.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.780+/-0.327 χ^2/NDF : 275194.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

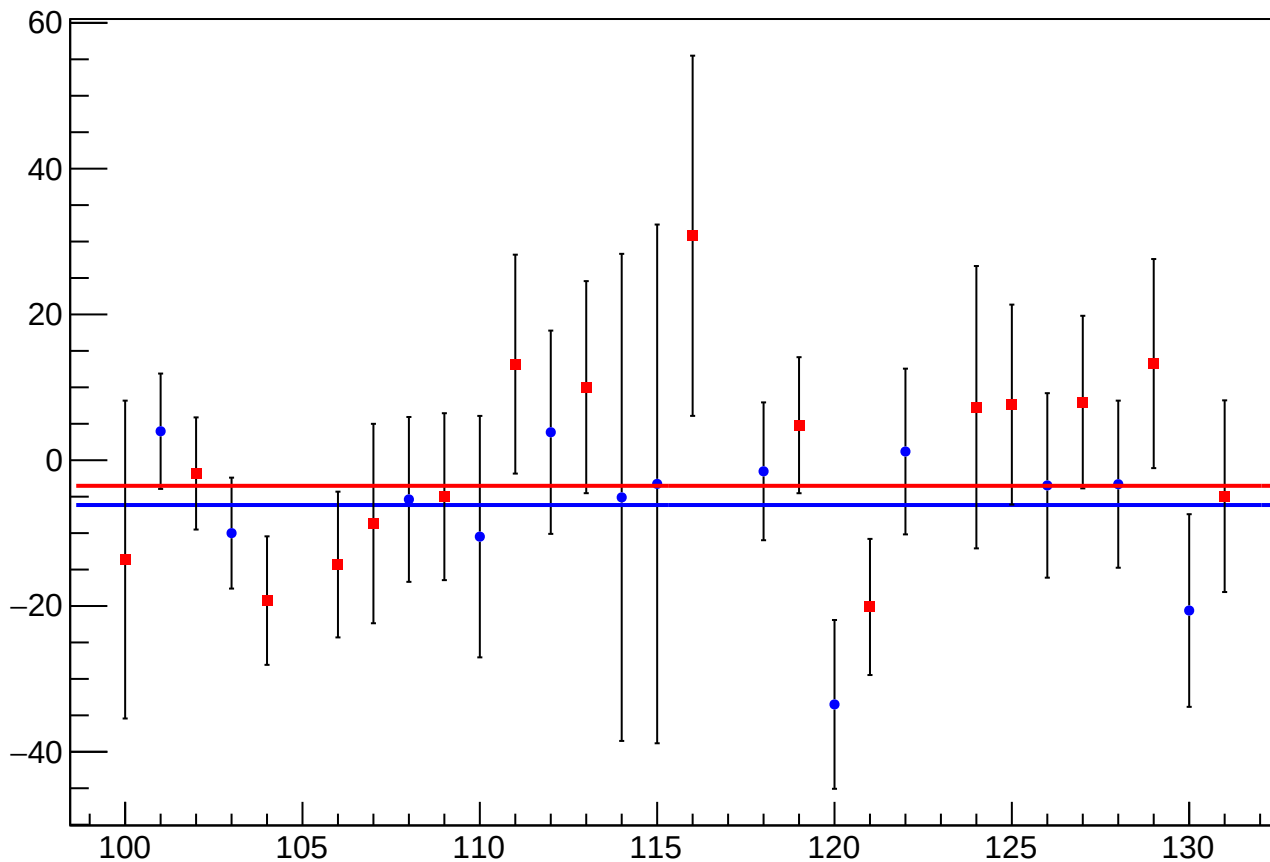
Right: 1164.605+/-0.243 χ^2/NDF : 590213.9/28

In: 1183.968+/-0.362 χ^2/NDF : 309812.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1164.605+/-0.243 χ^2/NDF : 590213.9/28

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.145 $\pm$ 3.203 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.511 $\pm$ 2.957 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

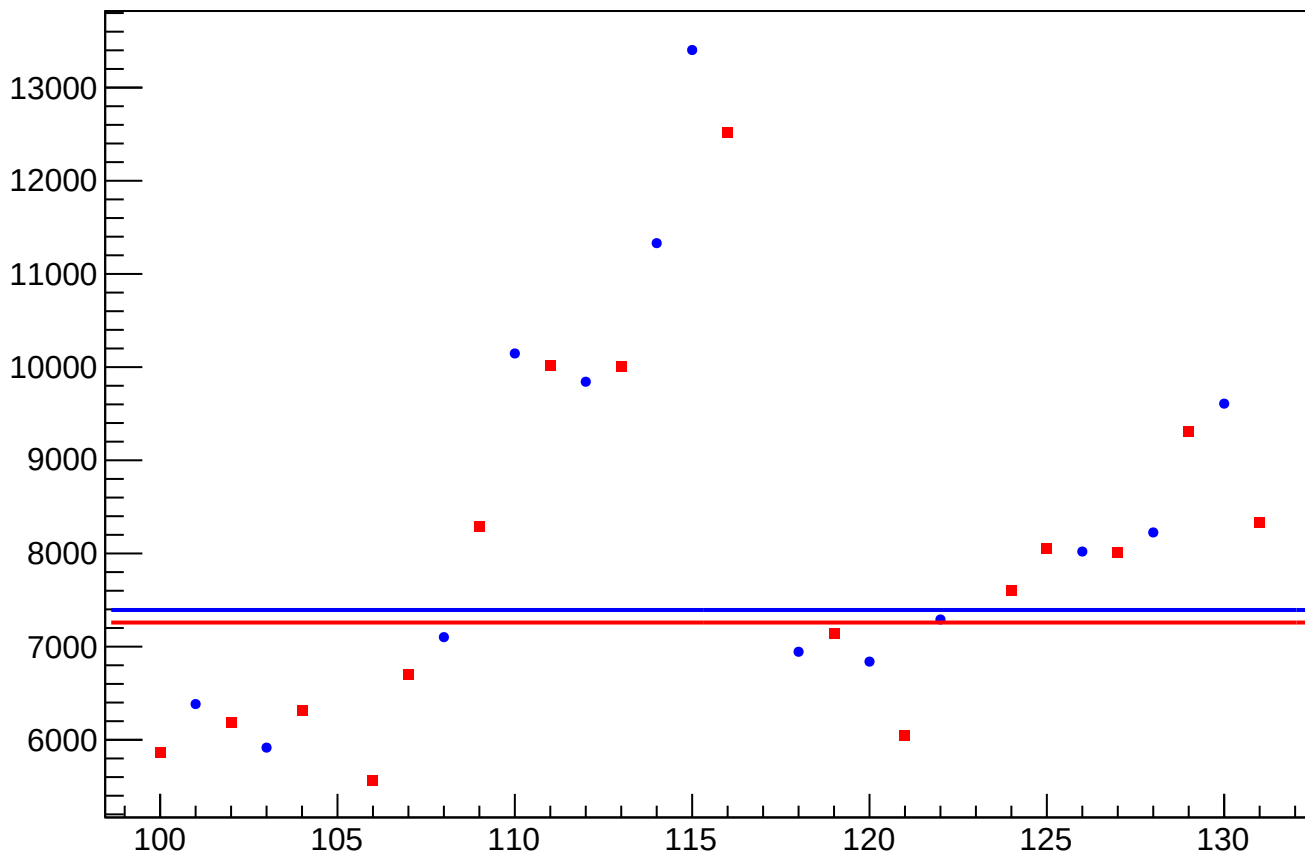
Right: -4.723 $\pm$ 2.173 χ^2 /NDF: 26.5/28

In: -6.145 $\pm$ 3.203 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.723 $\pm$ 2.173 χ^2 /NDF: 26.5/28

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7393.432+/-2.265 χ^2/NDF : 391914.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7258.637+/-2.091 χ^2/NDF : 479905.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

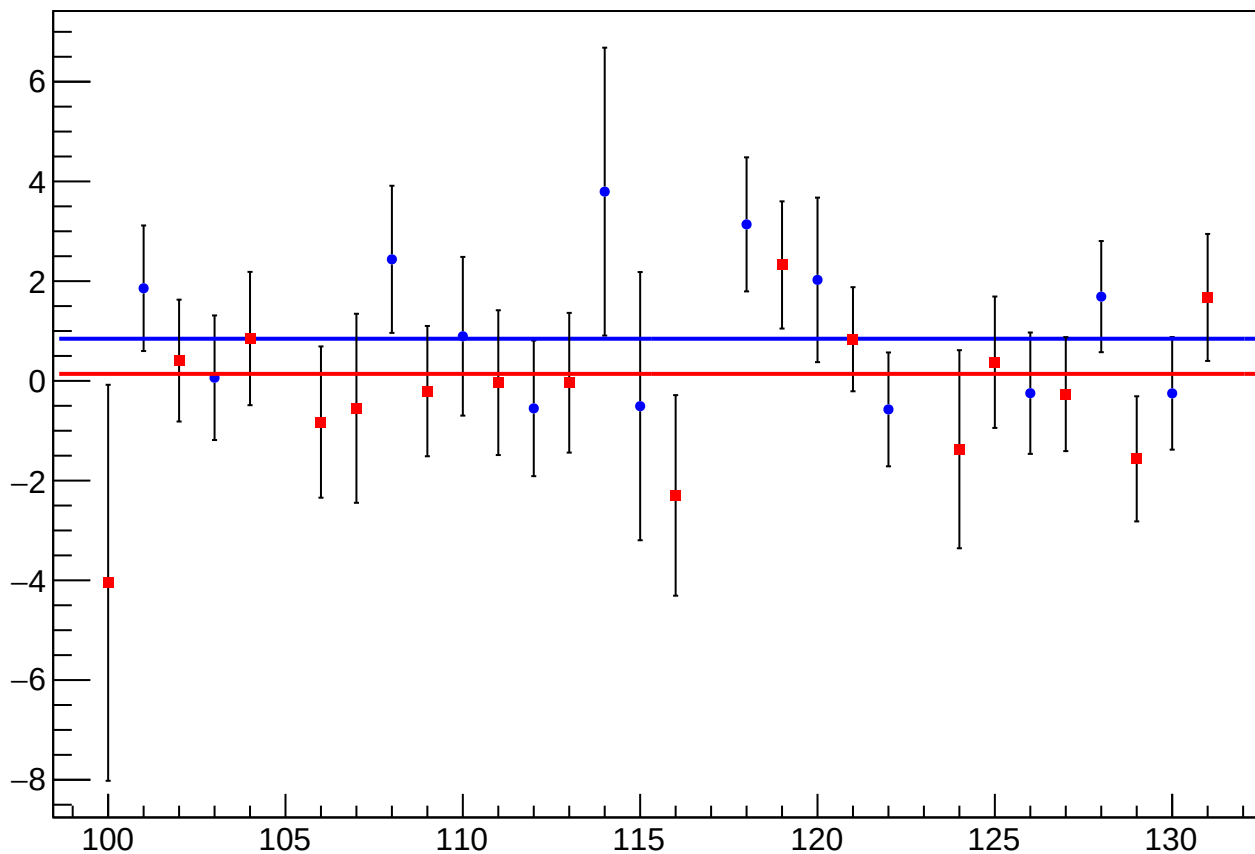
Right: 7320.671+/-1.536 χ^2/NDF : 873732.6/28

In: 7393.432+/-2.265 χ^2/NDF :391914.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7320.671+/-1.536 χ^2/NDF : 873732.6/28

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.845 $\pm$ 0.381 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.141 $\pm$ 0.349 χ^2 /NDF: 11.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

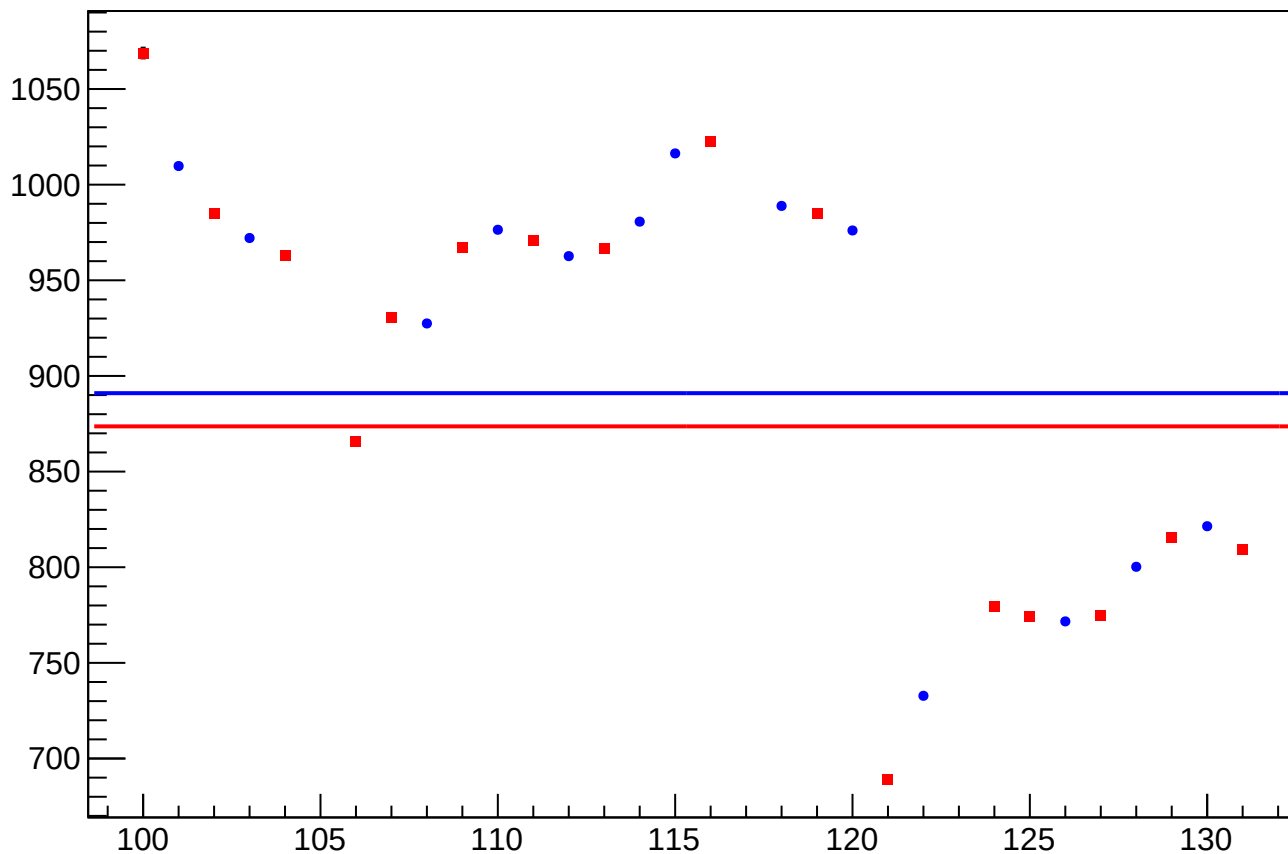
Right: 0.462 $\pm$ 0.258 χ^2 /NDF: 24.6/28

In: 0.845 $\pm$ 0.381 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.462 $\pm$ 0.258 χ^2 /NDF: 24.6/28

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 890.994 $\pm$ 0.270 χ^2 /NDF: 139427.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 873.636 $\pm$ 0.247 χ^2 /NDF: 189232.5/15

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

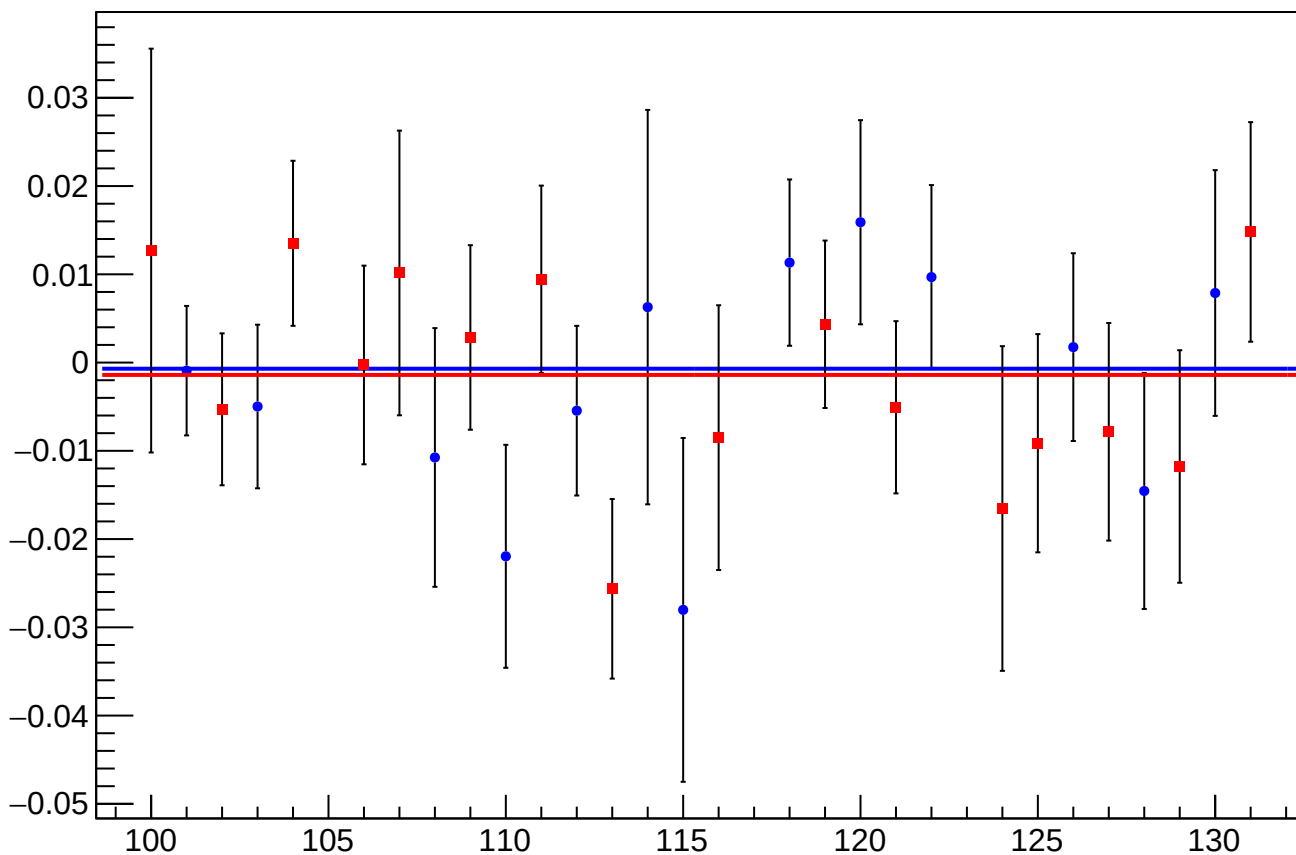
Right: 881.553 $\pm$ 0.182 χ^2 /NDF: 330913.6/28

In: 890.994 $\pm$ 0.270 χ^2 /NDF:139427.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 881.553 $\pm$ 0.182 χ^2 /NDF: 330913.6/28

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.003 χ^2/NDF : 12.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.003 χ^2/NDF : 14.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

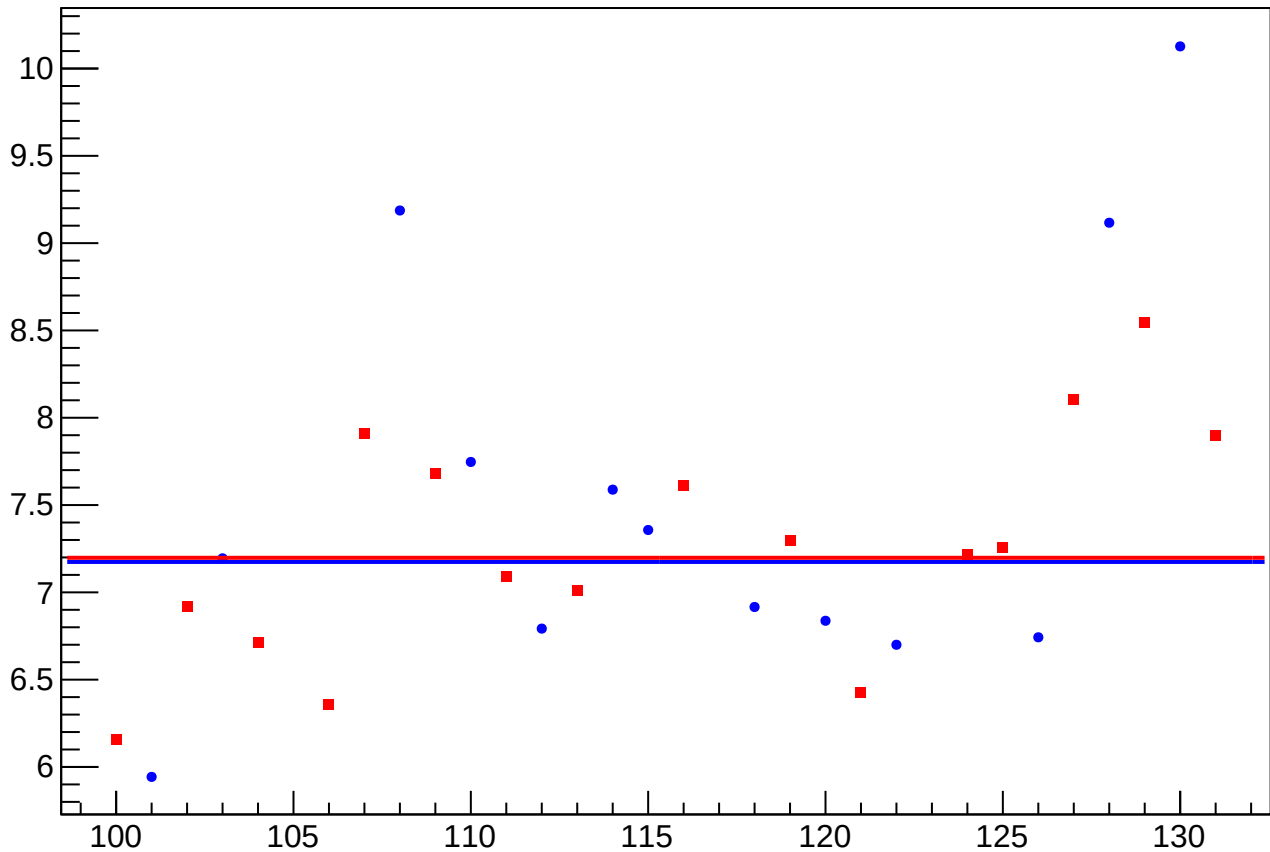
Right: -0.001 ± 0.002 χ^2/NDF : 27.0/28

In: -0.001 ± 0.003 χ^2/NDF : 12.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.002 χ^2/NDF : 27.0/28

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.174+/-0.002 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.198+/-0.002 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

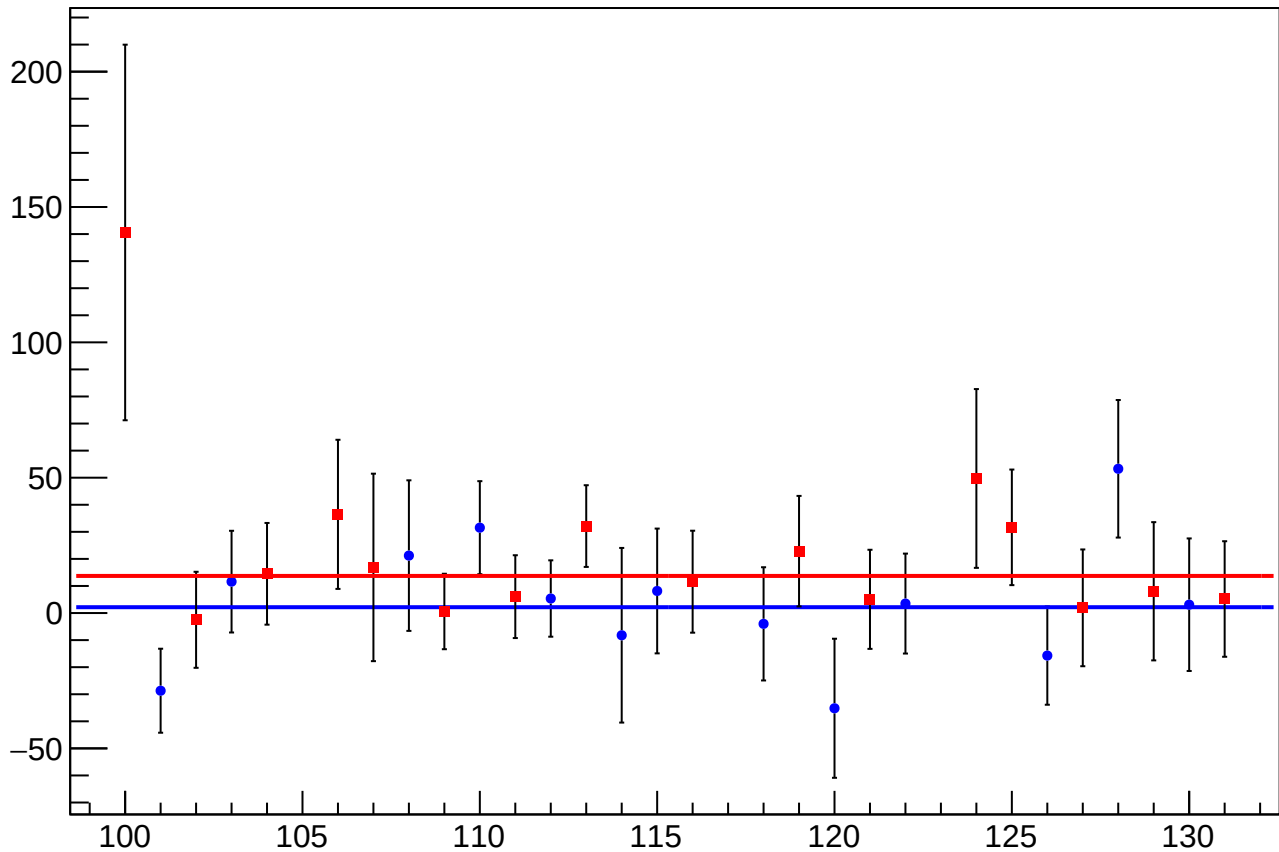
Right: 7.187+/-0.001 χ^2/NDF : 329176.6/28

In: 7.174+/-0.002 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.187+/-0.001 χ^2/NDF : 329176.6/28

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 2.157+/-5.545 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.710+/-5.040 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

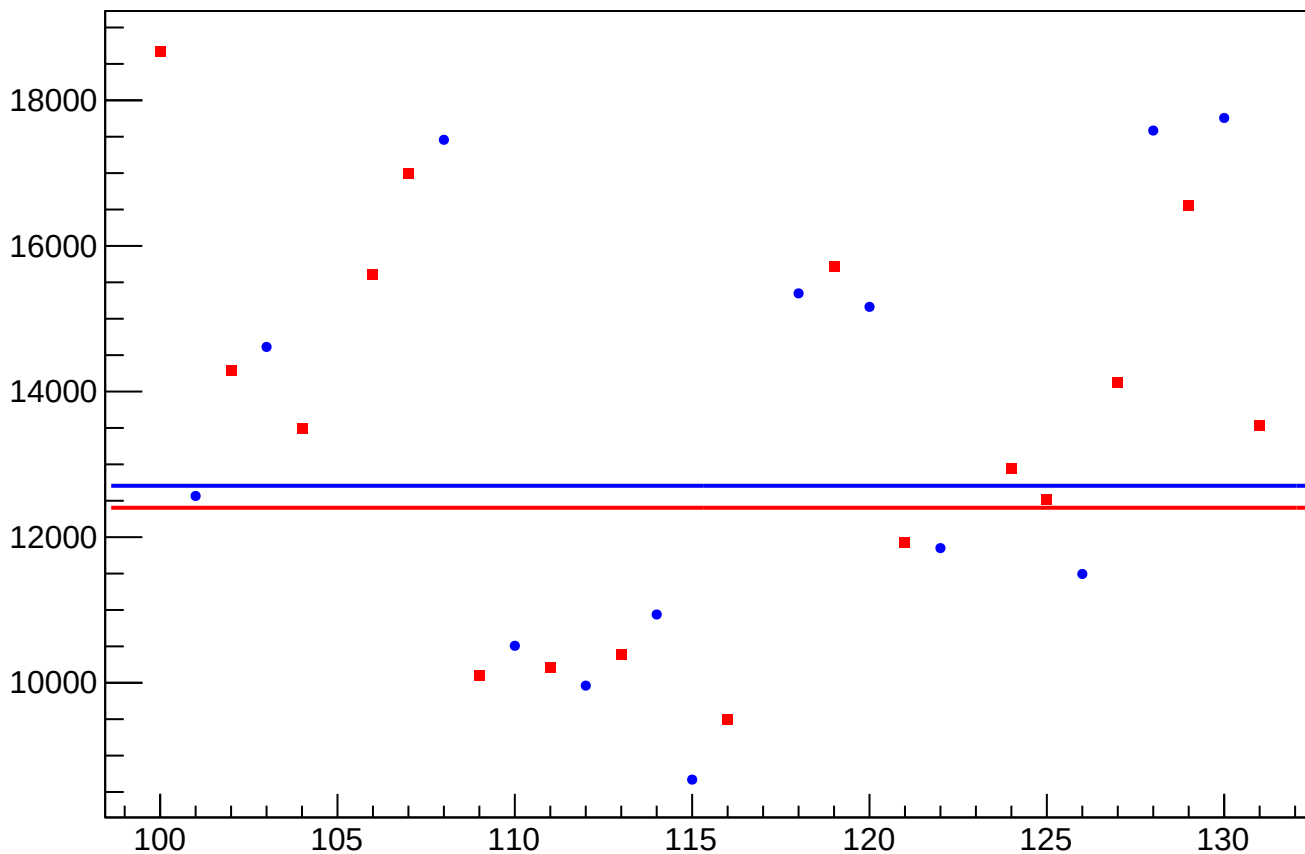
Right: 8.484+/-3.729 χ^2/NDF : 27.8/28

In: 2.157+/-5.545 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.484+/-3.729 χ^2/NDF : 27.8/28

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12705.827+/-3.921 χ^2/NDF : 477272.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12404.079+/-3.564 χ^2/NDF : 412137.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

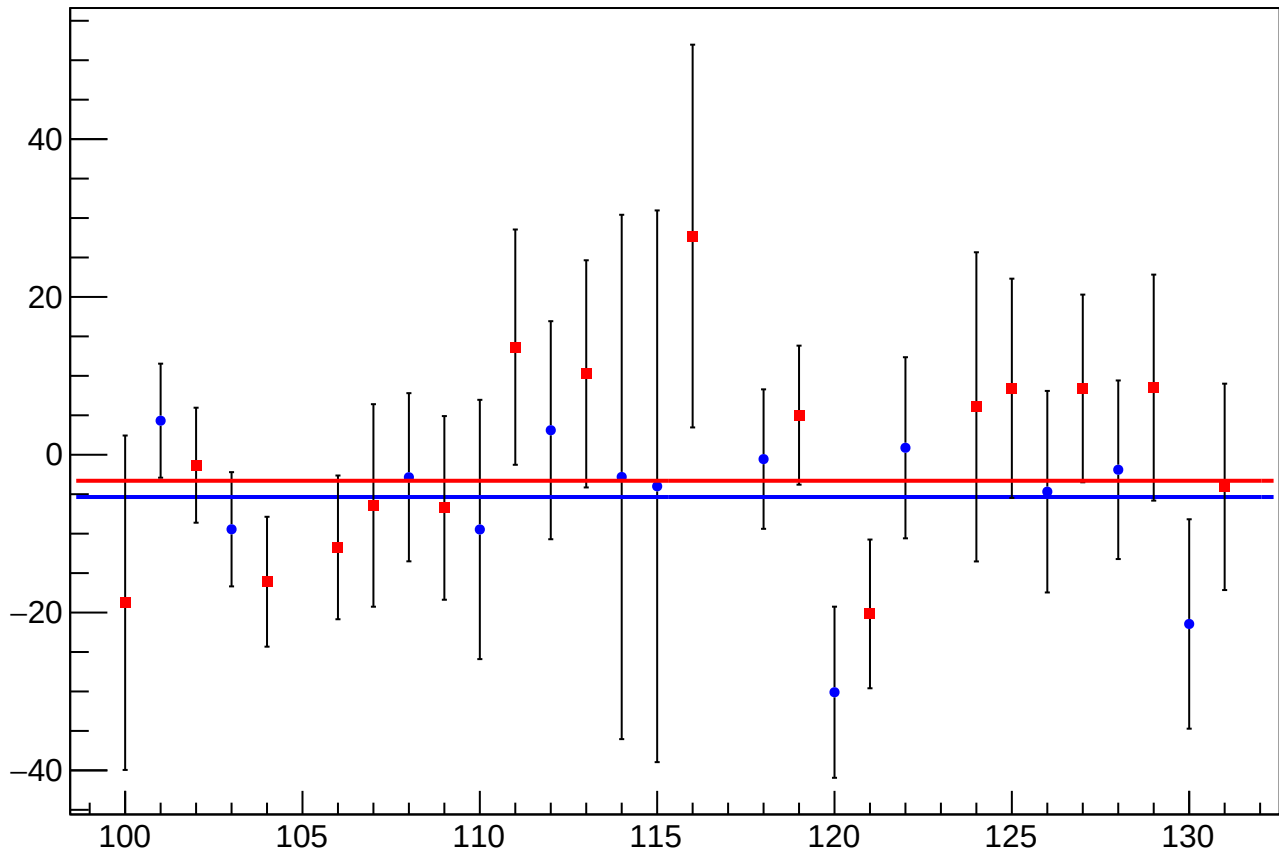
Right: 12540.581+/-2.637 χ^2/NDF : 892653.3/28

In: 12705.827+/-3.921 χ^2/NDF :477272.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12540.581+/-2.637 χ^2/NDF : 892653.3/28

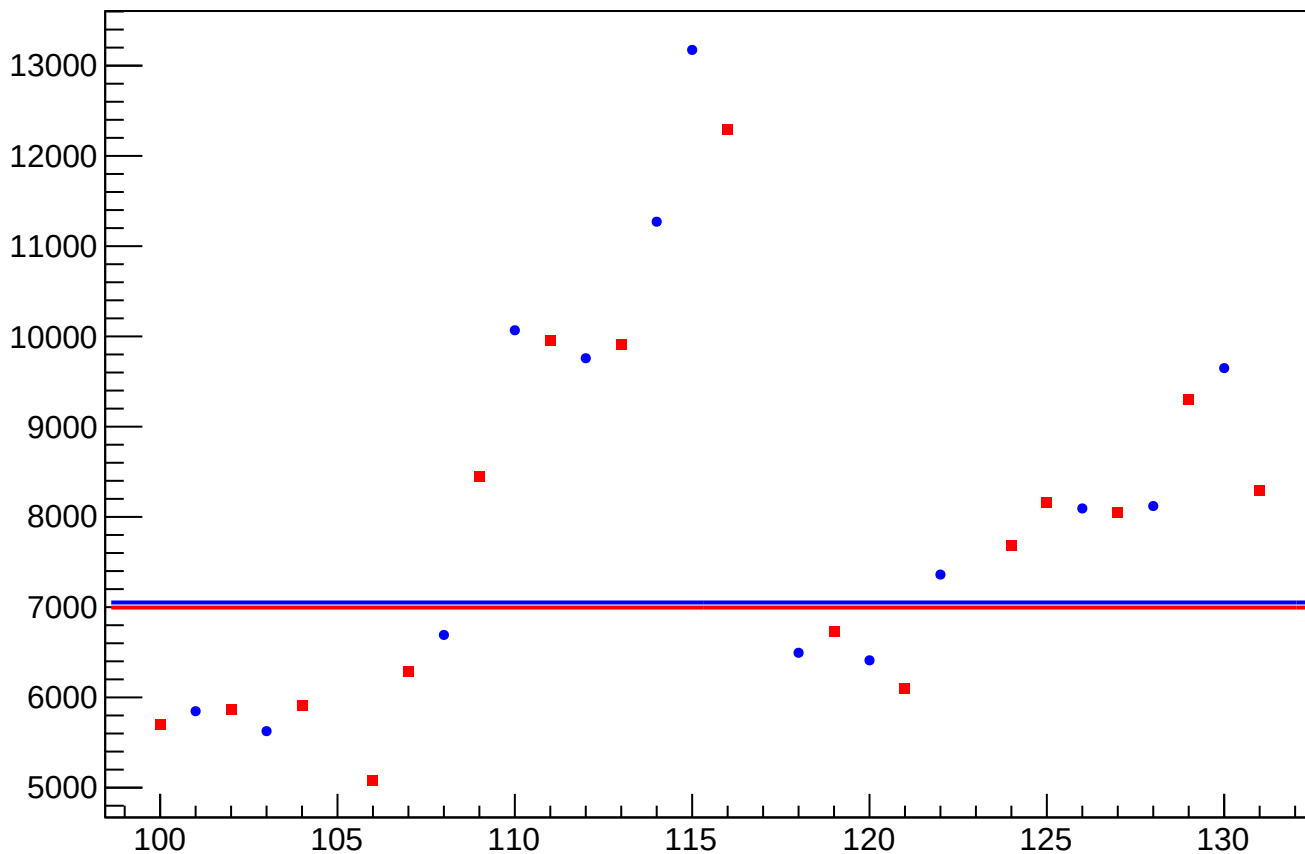
diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -5.356+/-3.068 χ^2/NDF : 10.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.297+/-2.862 χ^2/NDF : 14.5/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.255+/-2.093 χ^2/NDF : 24.7/28
 In: -5.356+/-3.068 χ^2/NDF : 10.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.255+/-2.093 χ^2/NDF : 24.7/28

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 7051.884+/-2.170 χ^2/NDF : 497227.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6995.872+/-2.024 χ^2/NDF : 595304.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

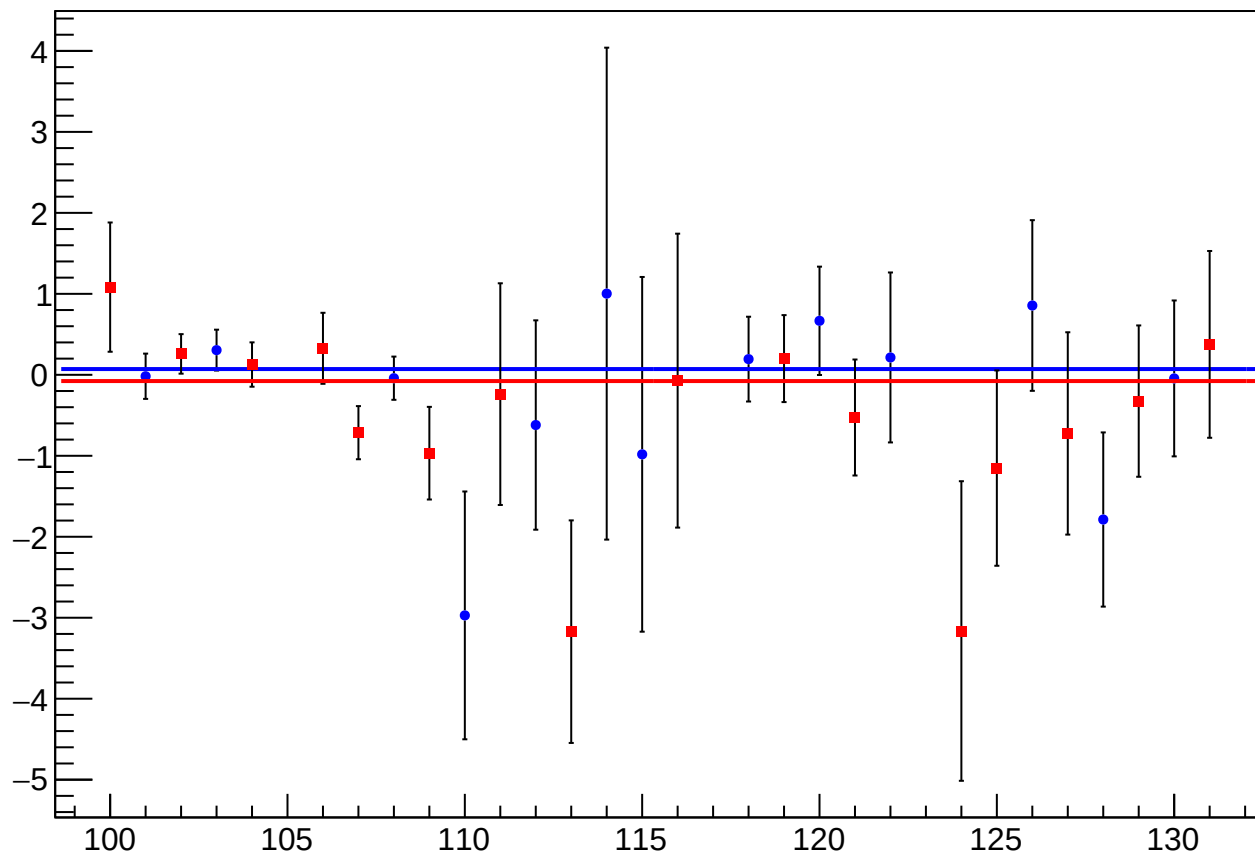
Right: 7021.933+/-1.480 χ^2/NDF : 1092888.4/28

In: 7051.884+/-2.170 χ^2/NDF : 497227.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7021.933+/-1.480 χ^2/NDF : 1092888.4/28

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.137 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.077+/-0.130 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

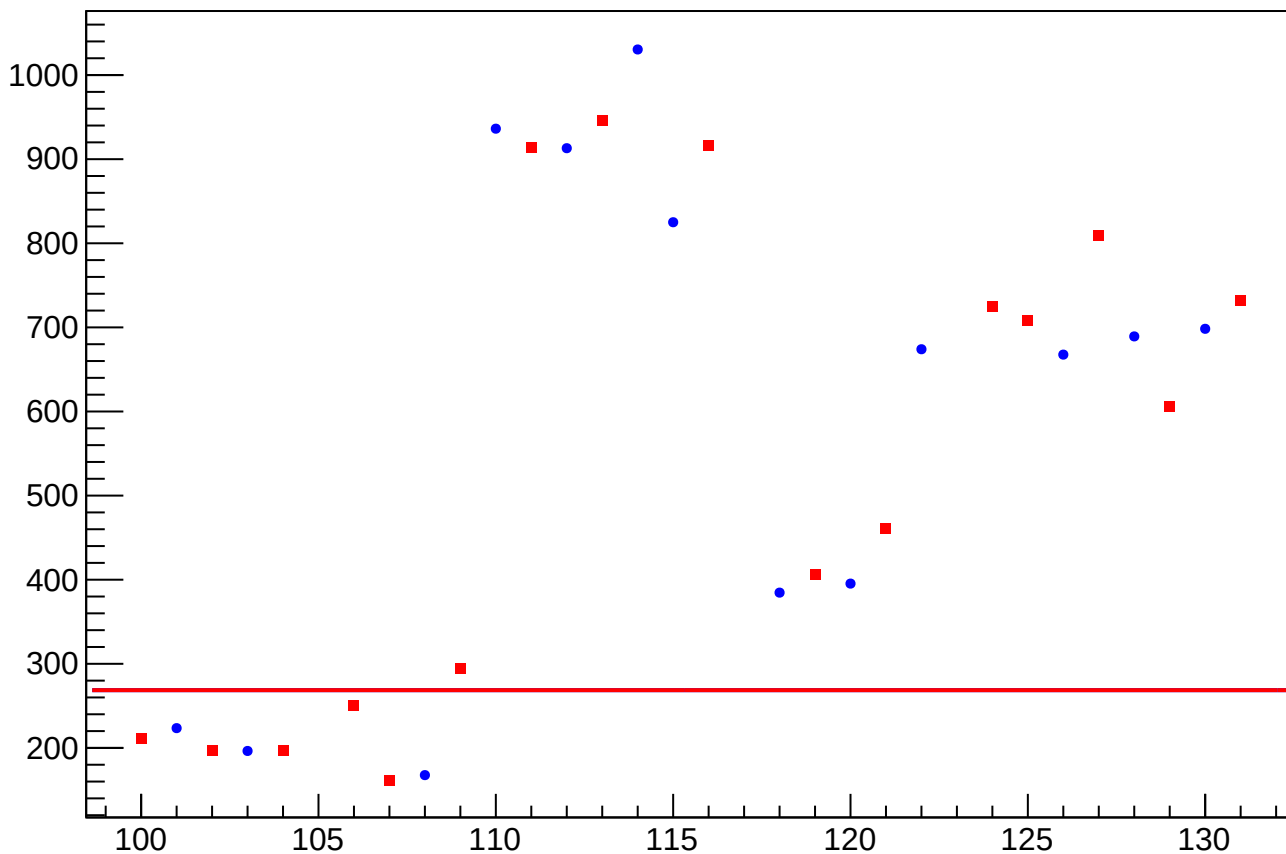
Right: -0.007+/-0.094 χ^2/NDF : 32.2/28

In: 0.071+/-0.137 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.094 χ^2/NDF : 32.2/28

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 268.654+/-0.097 χ^2/NDF : 3094232.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 268.660+/-0.092 χ^2/NDF : 3351481.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

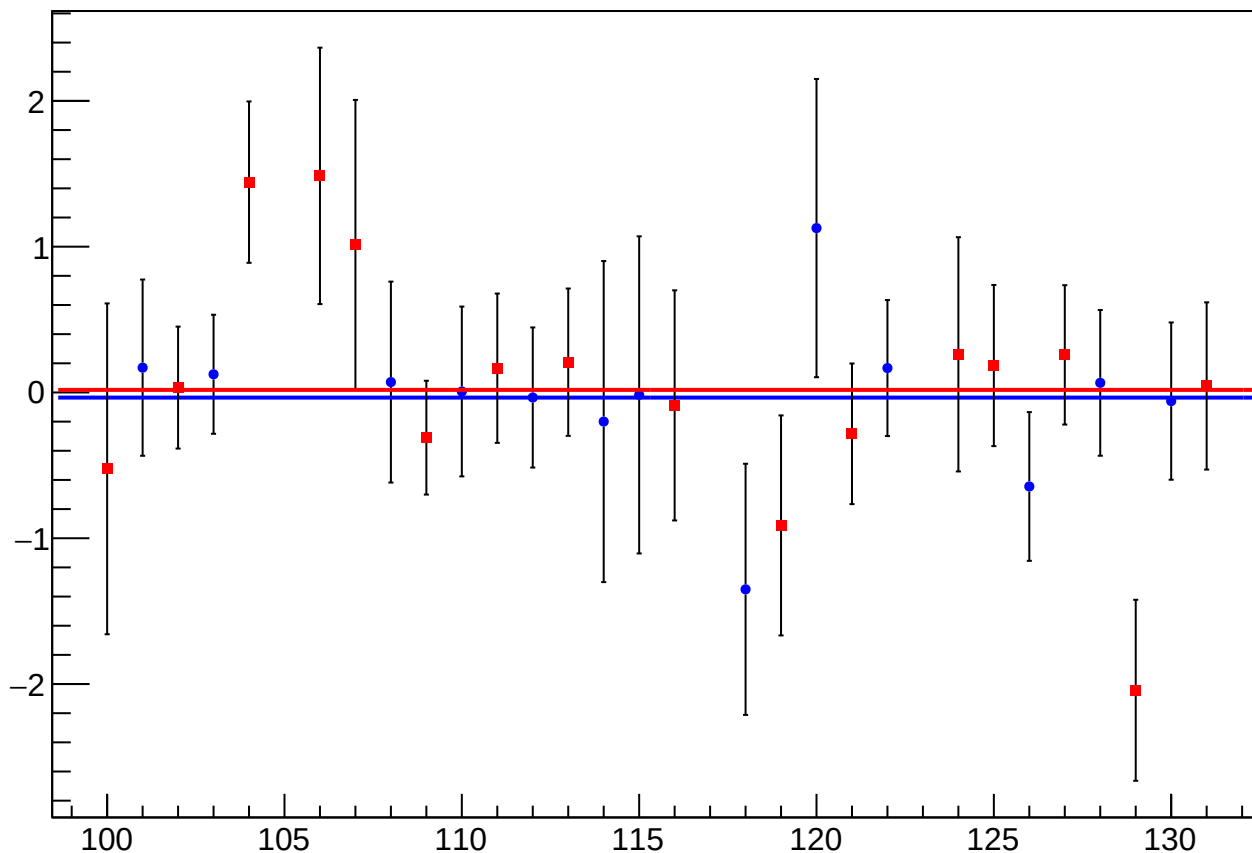
Right: 268.657+/-0.067 χ^2/NDF : 6445714.7/28

In: 268.654+/-0.097 χ^2/NDF :3094232.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 268.657+/-0.067 χ^2/NDF : 6445714.7/28

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.162 χ^2/NDF : 5.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.143 χ^2/NDF : 25.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

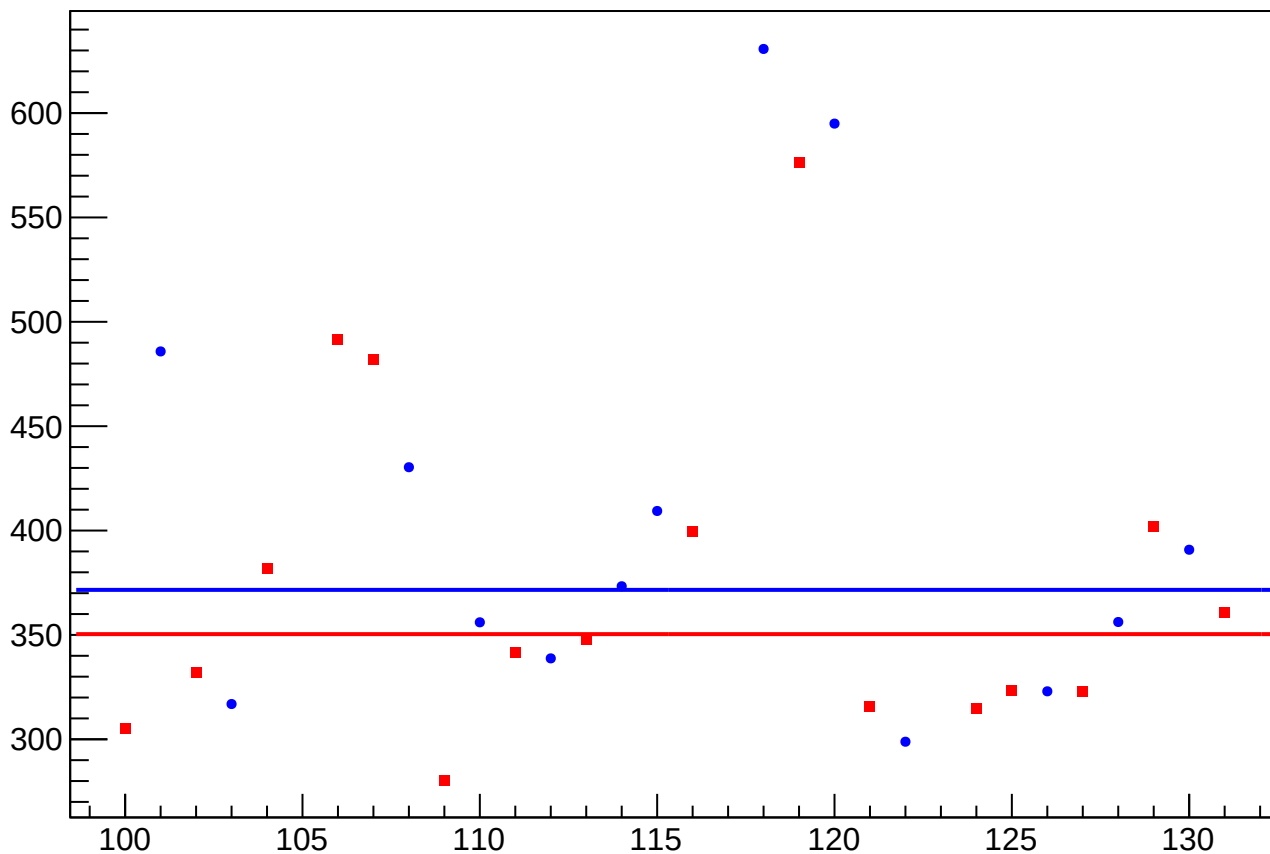
Right: -0.005+/-0.107 χ^2/NDF : 30.6/28

In: -0.035+/-0.162 χ^2/NDF : 5.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.107 χ^2/NDF : 30.6/28

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 371.584+/-0.115 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.378+/-0.101 χ^2/NDF : 391652.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

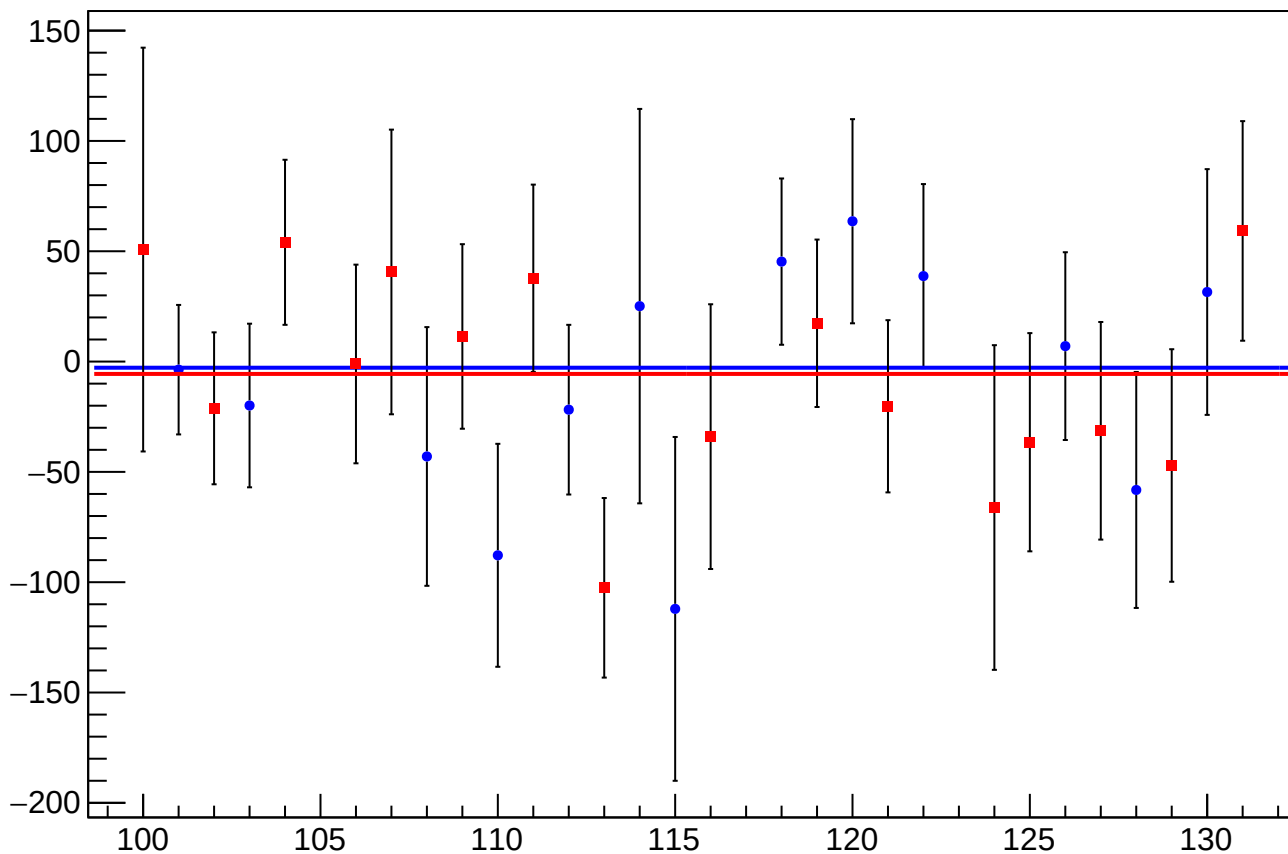
Right: 359.652+/-0.076 χ^2/NDF : 893550.5/28

In: 371.584+/-0.115 χ^2/NDF : 482682.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.652+/-0.076 χ^2/NDF : 893550.5/28

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -2.785 ± 12.396 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.600 ± 11.517 $\chi^2/\text{NDF}: 14.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

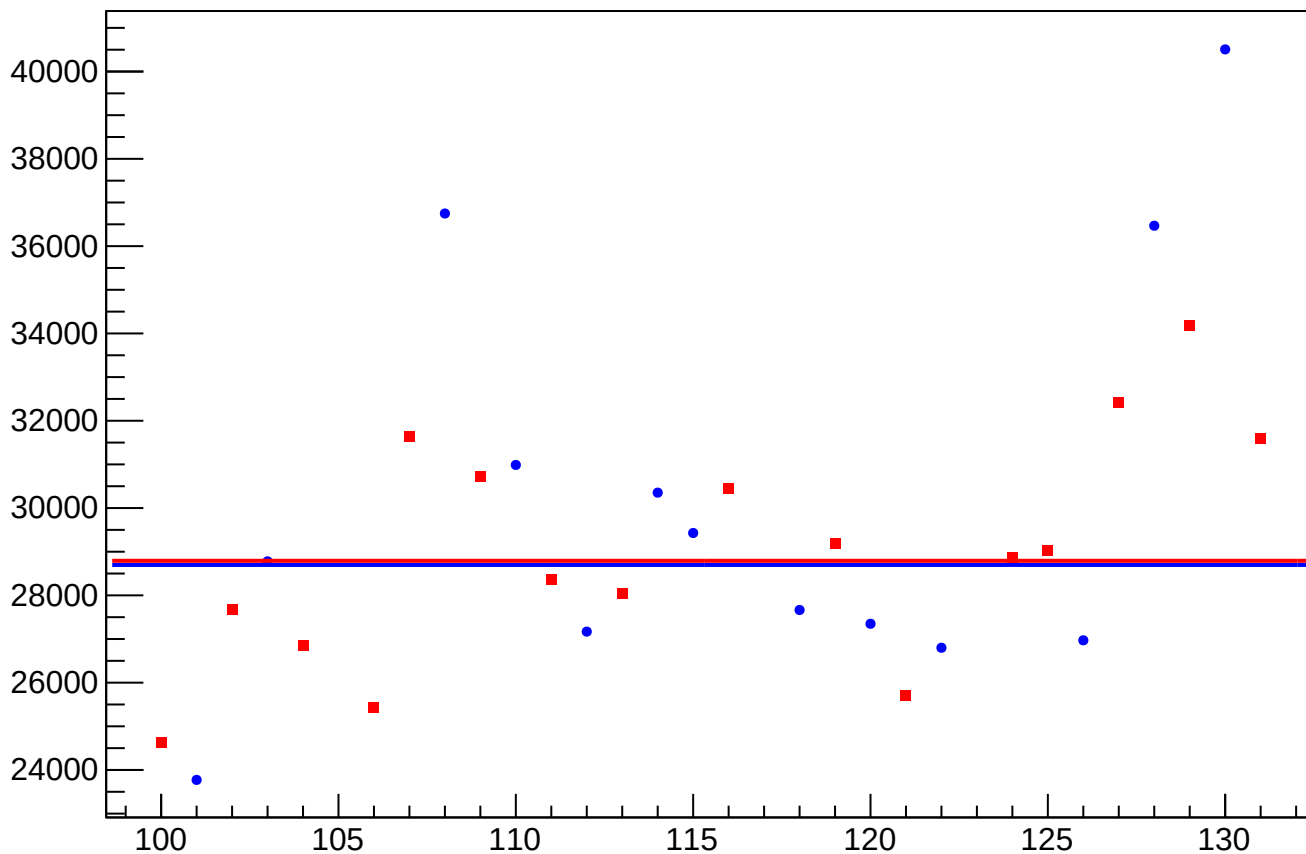
Right: -4.296 ± 8.437 $\chi^2/\text{NDF}: 27.0/28$

In: -2.785 ± 12.396 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.296 ± 8.437 $\chi^2/\text{NDF}: 27.0/28$

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28791.963+/-8.143 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

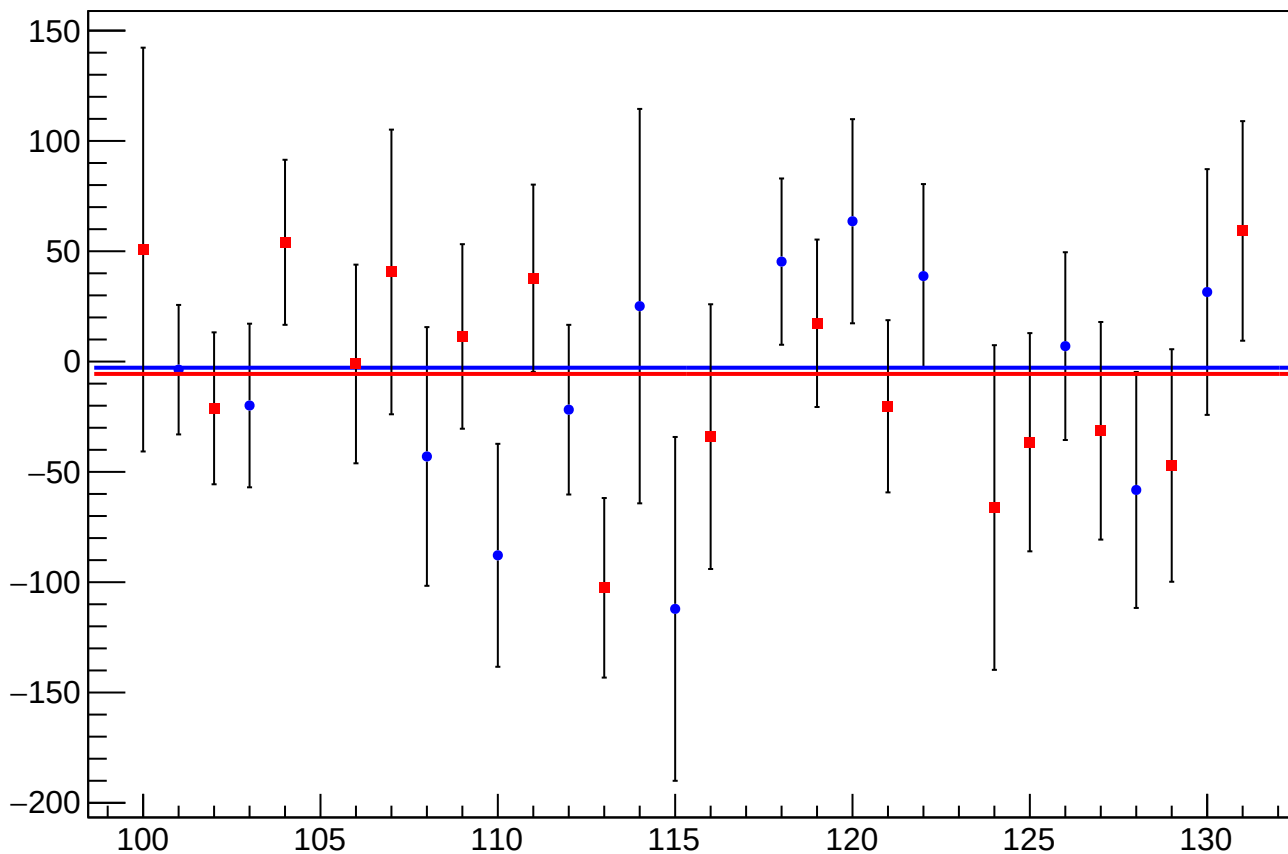
Right: 28747.873+/-5.966 χ^2/NDF : 329176.6/28

In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28747.873+/-5.966 χ^2/NDF : 329176.6/28

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.600+/-11.517 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

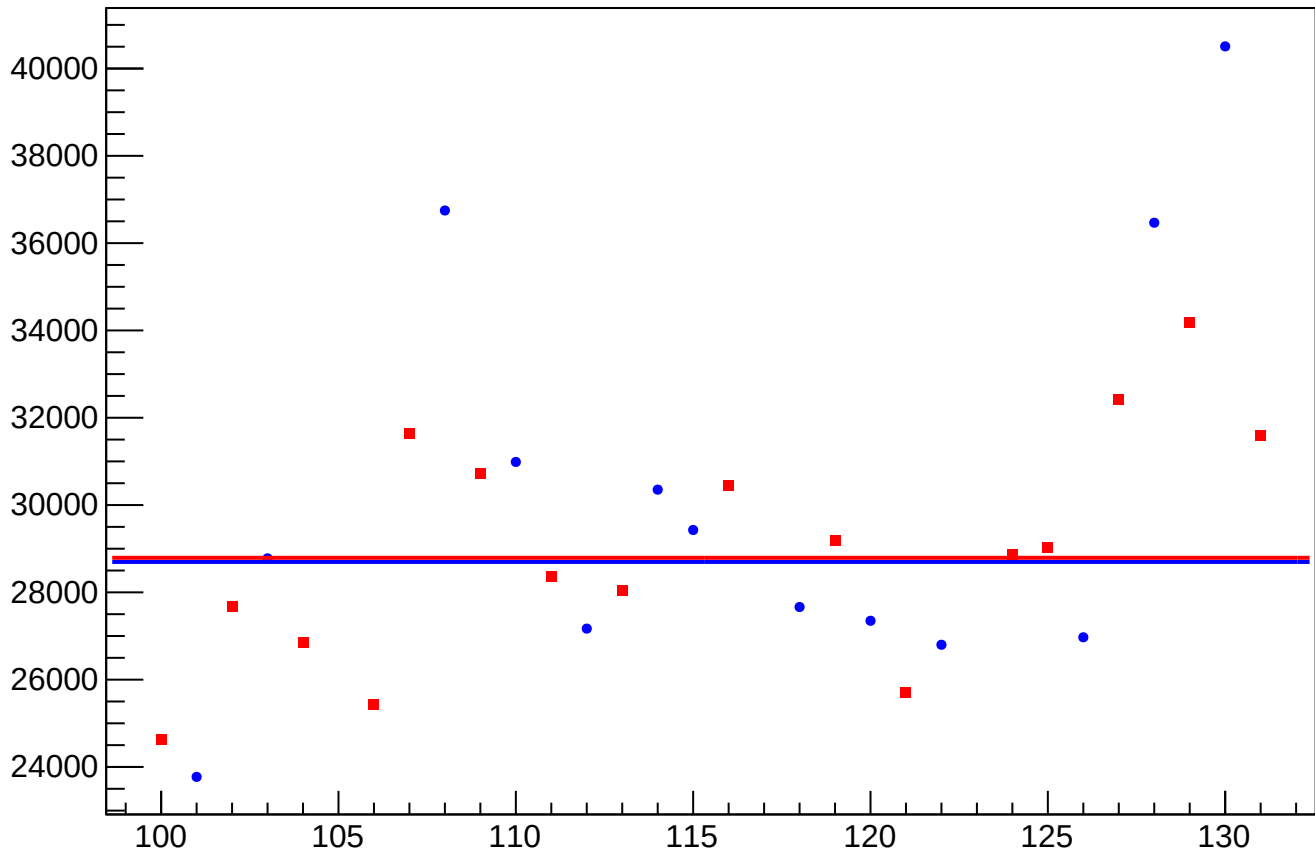
Right: -4.296+/-8.437 χ^2/NDF : 27.0/28

In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.296+/-8.437 χ^2/NDF : 27.0/28

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28791.963+/-8.143 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

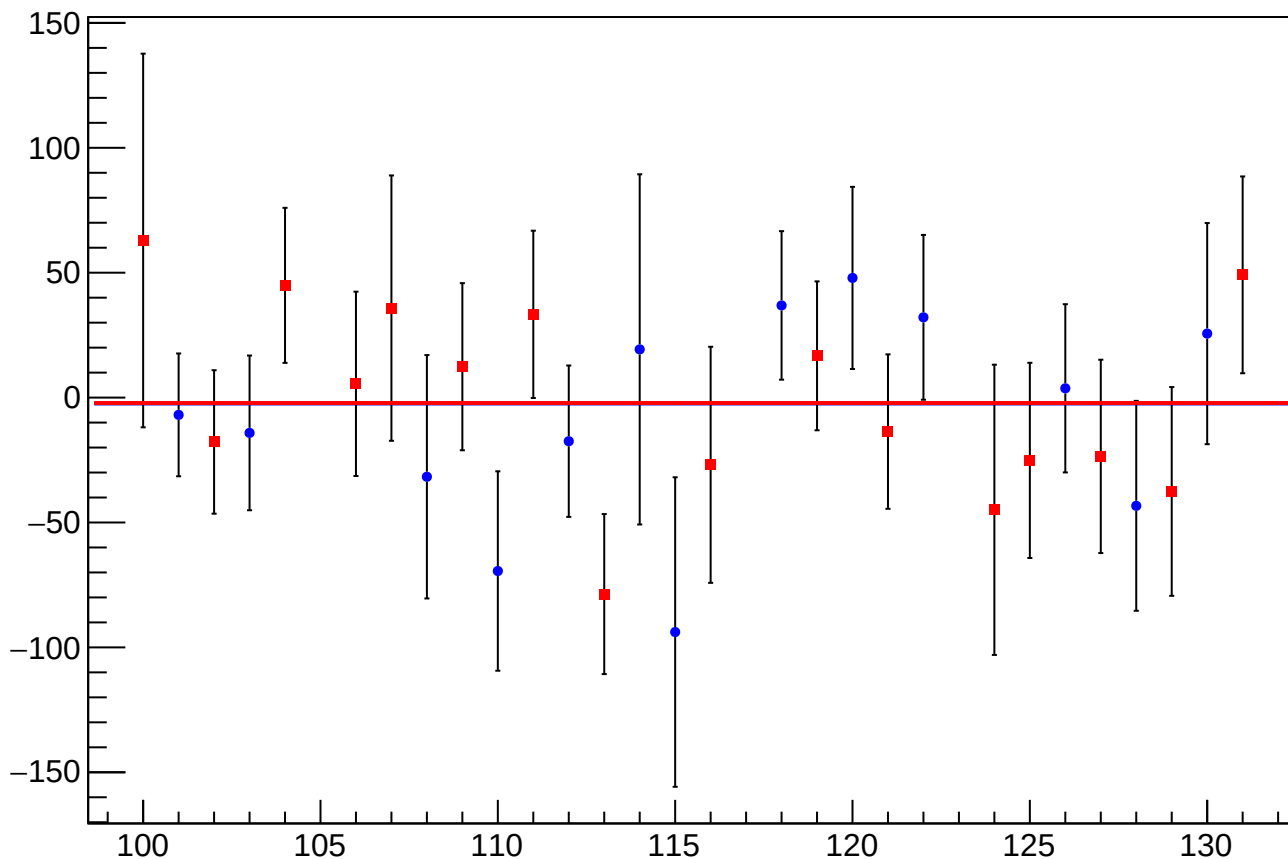
Right: 28747.873+/-5.966 χ^2/NDF : 329176.6/28

In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28747.873+/-5.966 χ^2/NDF : 329176.6/28

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -2.335 ± 9.970 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.180 ± 9.231 $\chi^2/\text{NDF}: 15.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

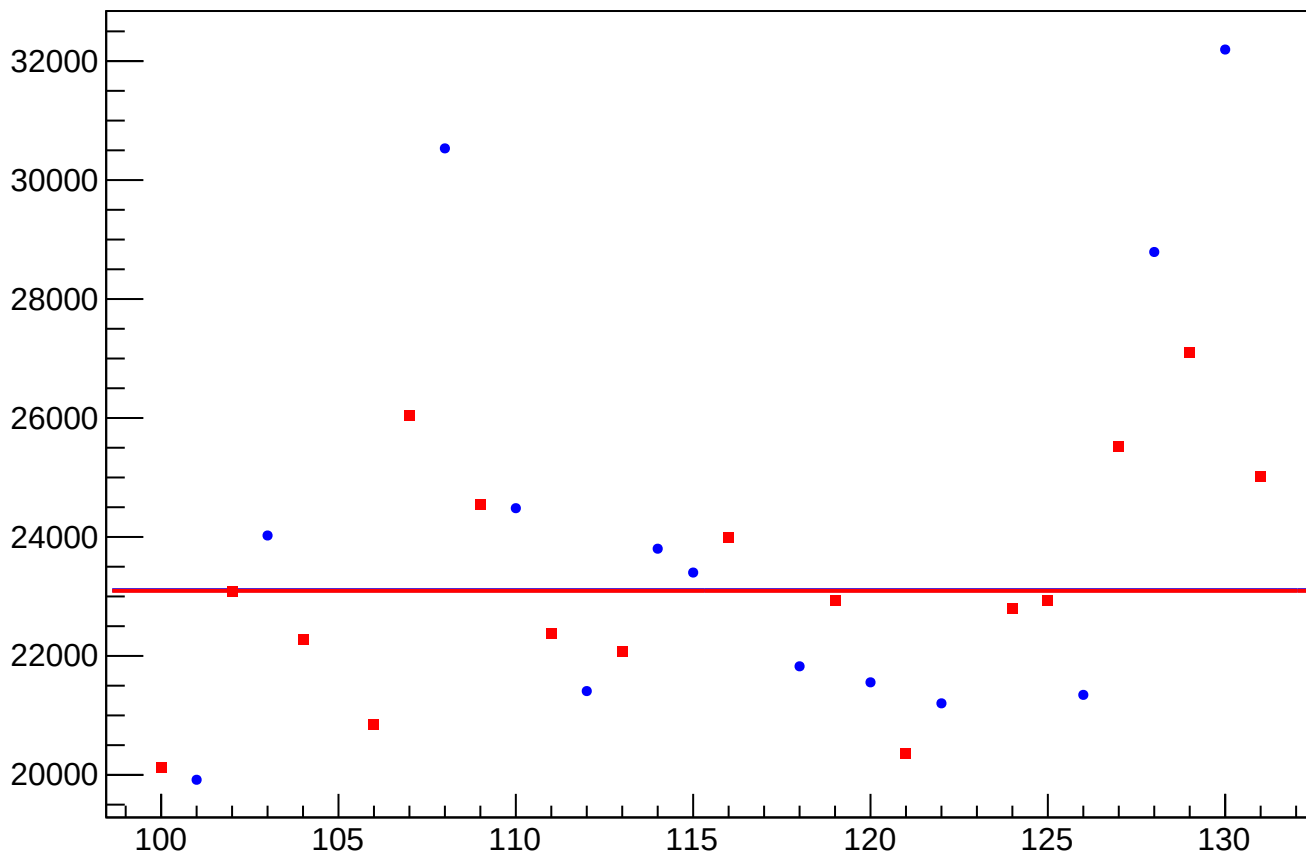
Right: -2.251 ± 6.774 $\chi^2/\text{NDF}: 27.4/28$

In: -2.335 ± 9.970 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.251 ± 6.774 $\chi^2/\text{NDF}: 27.4/28$

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 23105.184+/-7.050 χ^2/NDF : 231139.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23094.608+/-6.528 χ^2/NDF : 72235.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

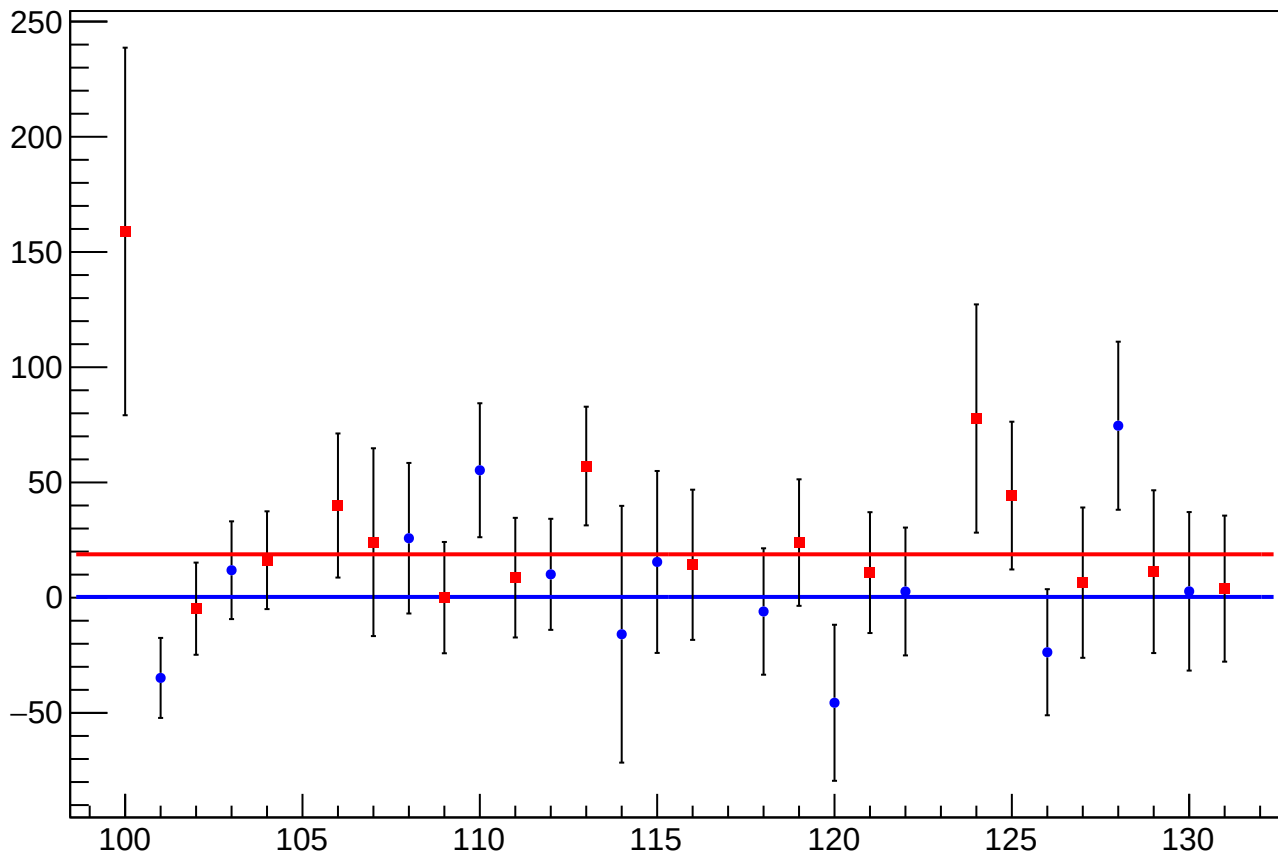
Right: 23099.490+/-4.790 χ^2/NDF : 303375.5/28

In: 23105.184+/-7.050 χ^2/NDF : 231139.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23099.490+/-4.790 χ^2/NDF : 303375.5/28

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 0.323+/-7.719 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.819+/-7.245 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

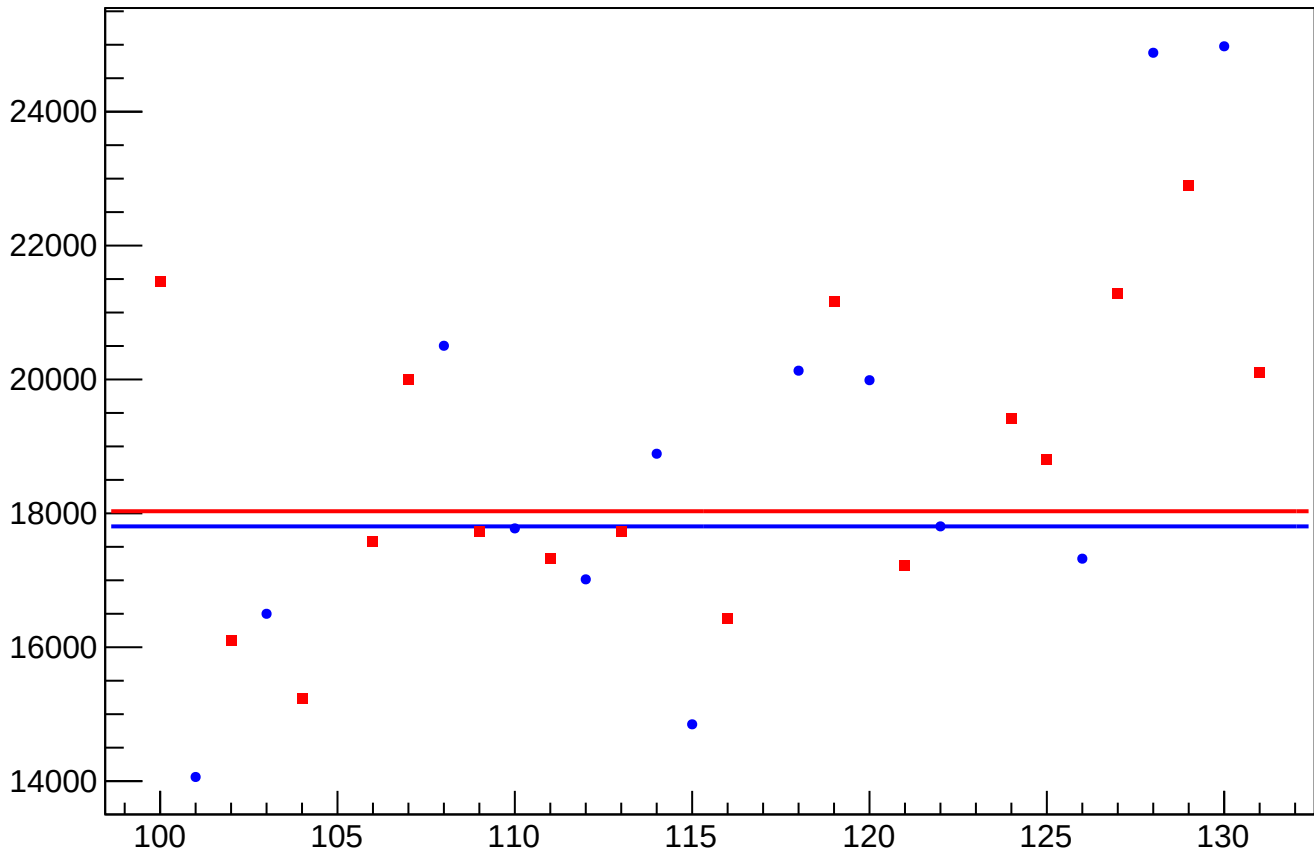
Right: 10.157+/-5.283 χ^2/NDF : 29.4/28

In: 0.323+/-7.719 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.157+/-5.283 χ^2/NDF : 29.4/28

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17805.281+/-5.458 χ^2/NDF : 313868.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18031.593+/-5.123 χ^2/NDF : 165950.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

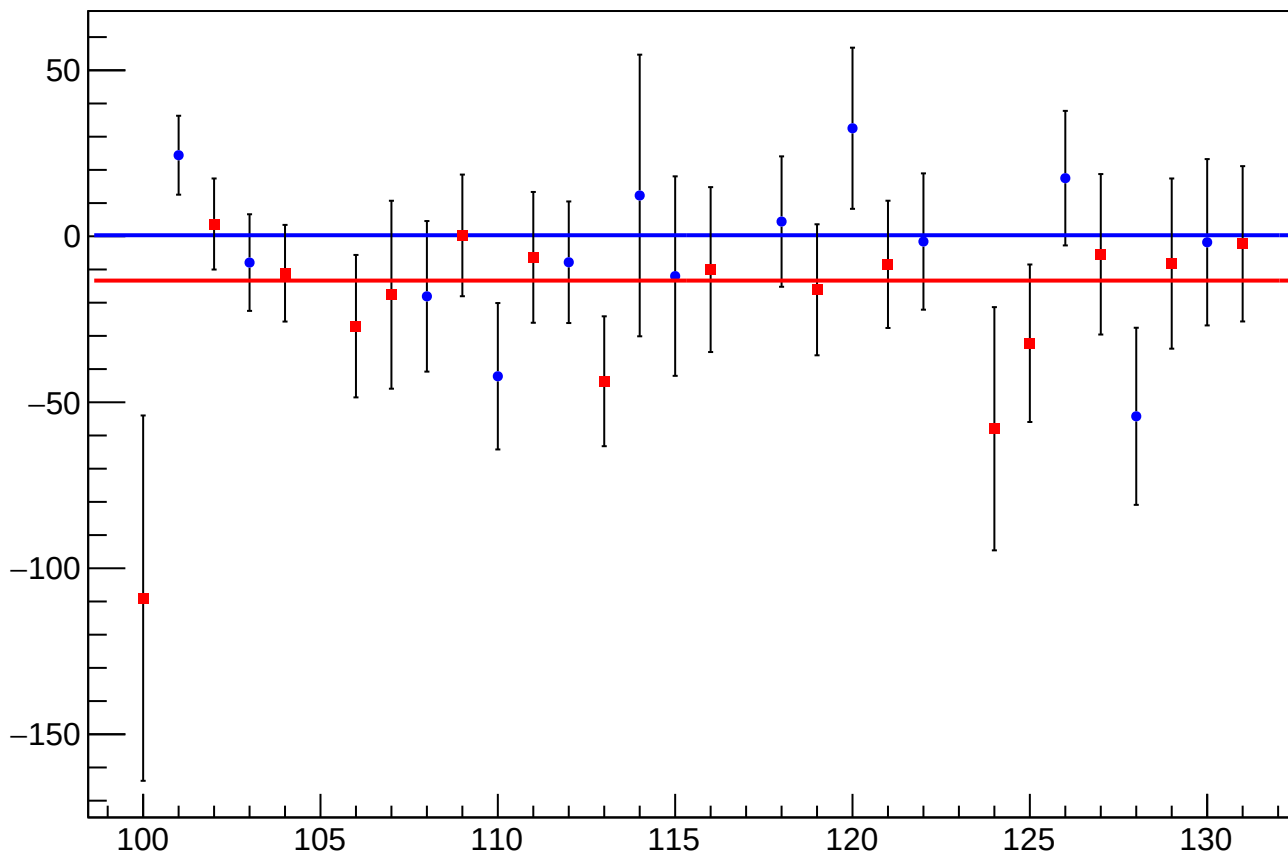
Right: 17925.608+/-3.735 χ^2/NDF : 480732.8/28

In: 17805.281+/-5.458 χ^2/NDF : 313868.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17925.608+/-3.735 χ^2/NDF : 480732.8/28

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: 0.318 $\pm$ 5.543 χ^2 /NDF: 16.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.342 $\pm$ 5.238 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

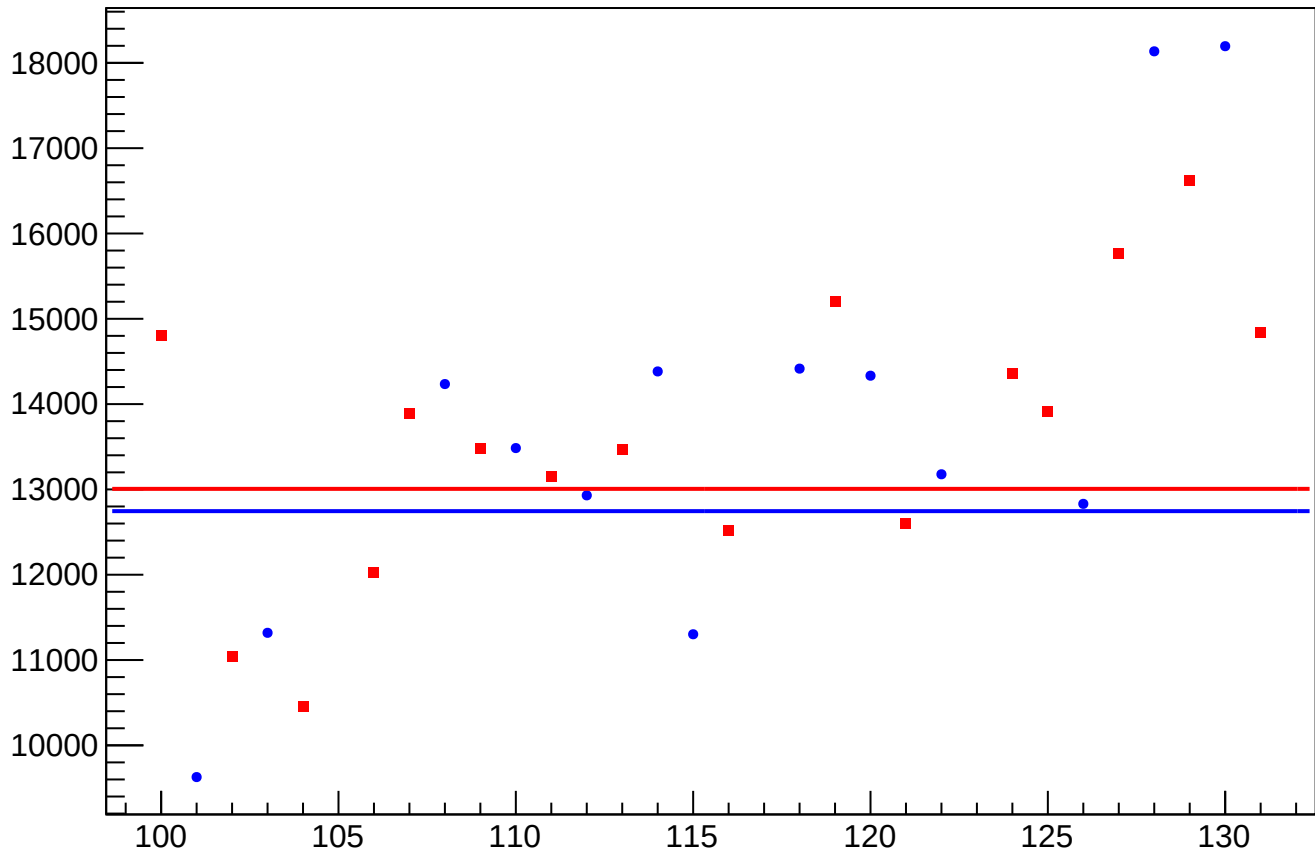
Right: -6.899 $\pm$ 3.807 χ^2 /NDF: 29.9/28

In: 0.318 $\pm$ 5.543 χ^2 /NDF:16.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.899 $\pm$ 3.807 χ^2 /NDF: 29.9/28

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 12745.334+/-3.920 χ^2/NDF : 375718.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13006.513+/-3.704 χ^2/NDF : 223284.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

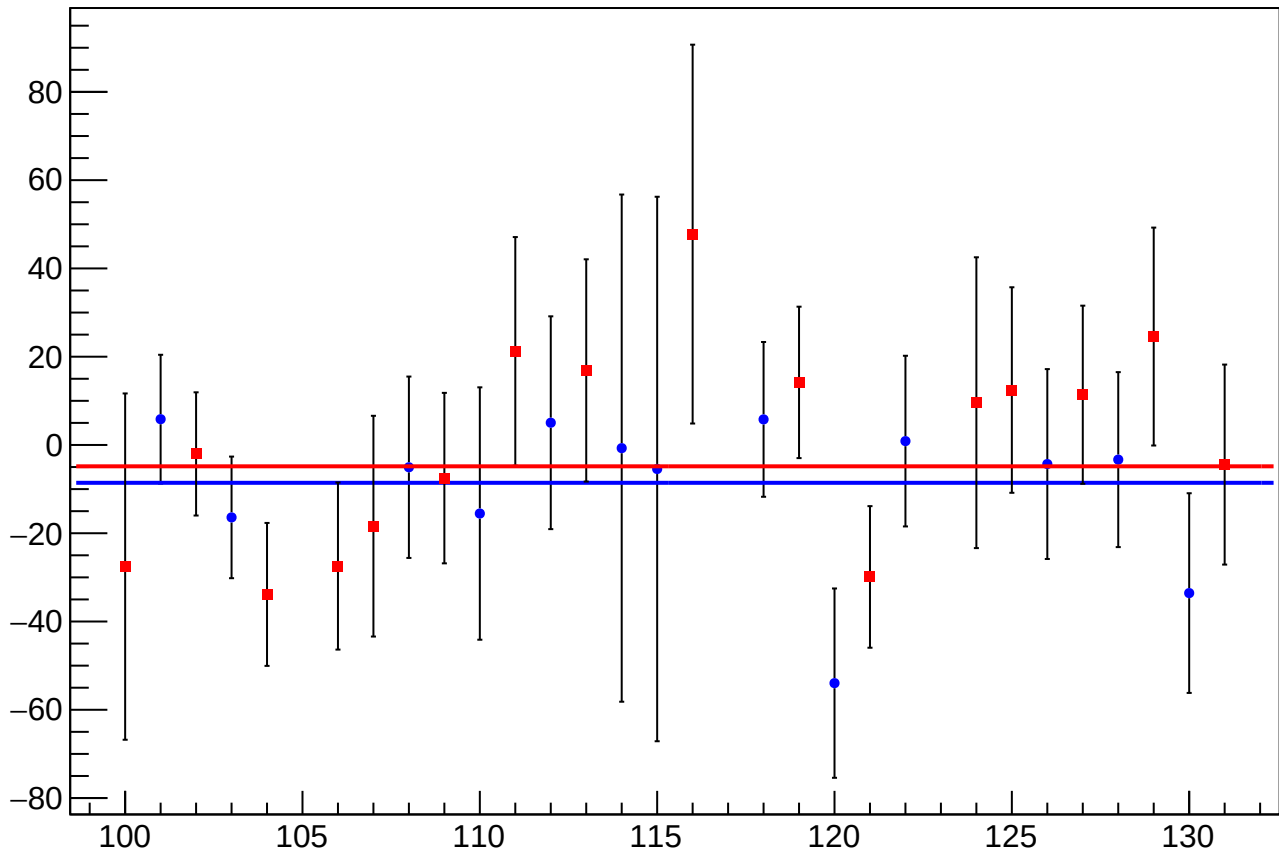
Right: 12883.321+/-2.692 χ^2/NDF : 601349.3/28

In: 12745.334+/-3.920 χ^2/NDF : 375718.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12883.321+/-2.692 χ^2/NDF : 601349.3/28

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -8.573+/-5.716 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.838+/-5.244 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

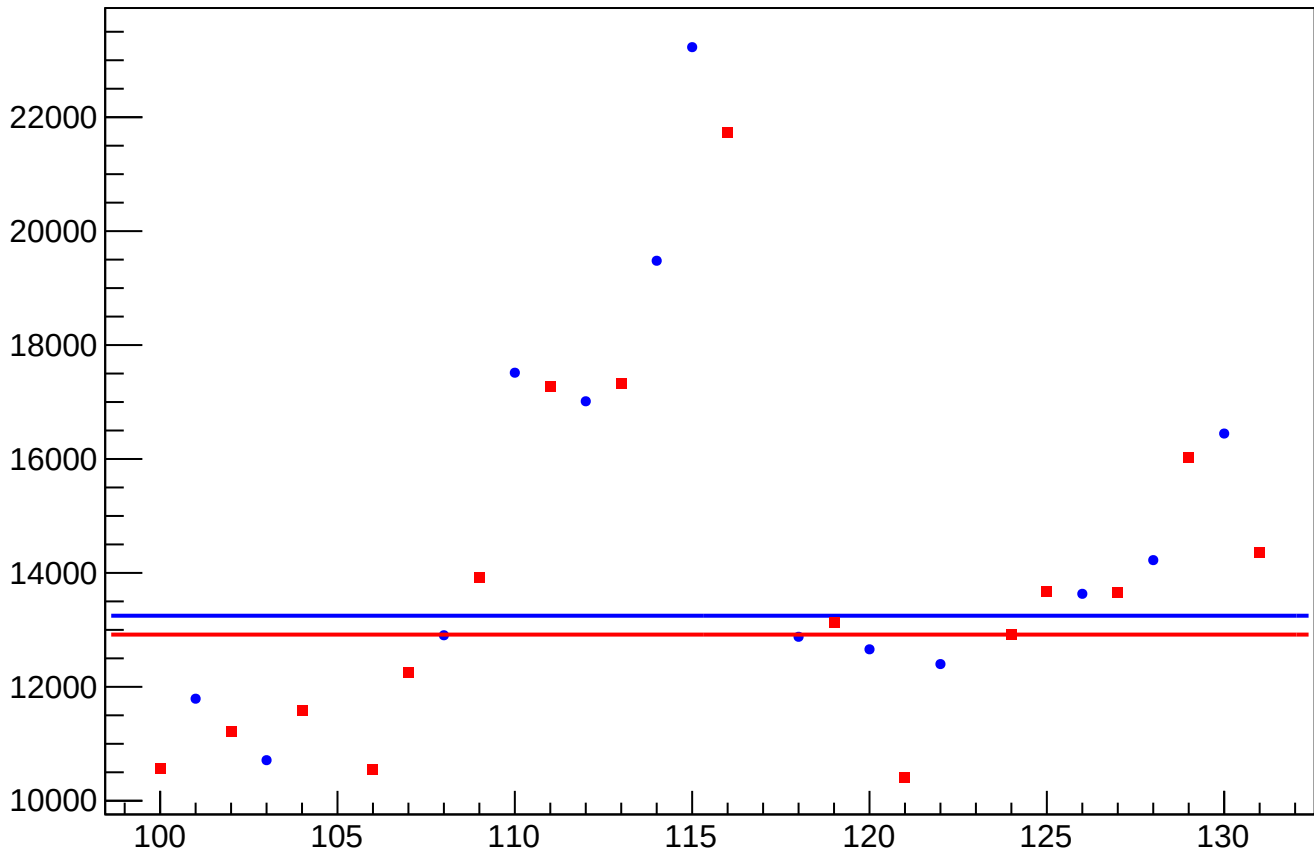
Right: -6.545+/-3.864 χ^2/NDF : 23.7/28

In: -8.573+/-5.716 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.545+/-3.864 χ^2/NDF : 23.7/28

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 13248.539+/-4.042 χ^2/NDF : 309143.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12917.239+/-3.708 χ^2/NDF : 384443.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

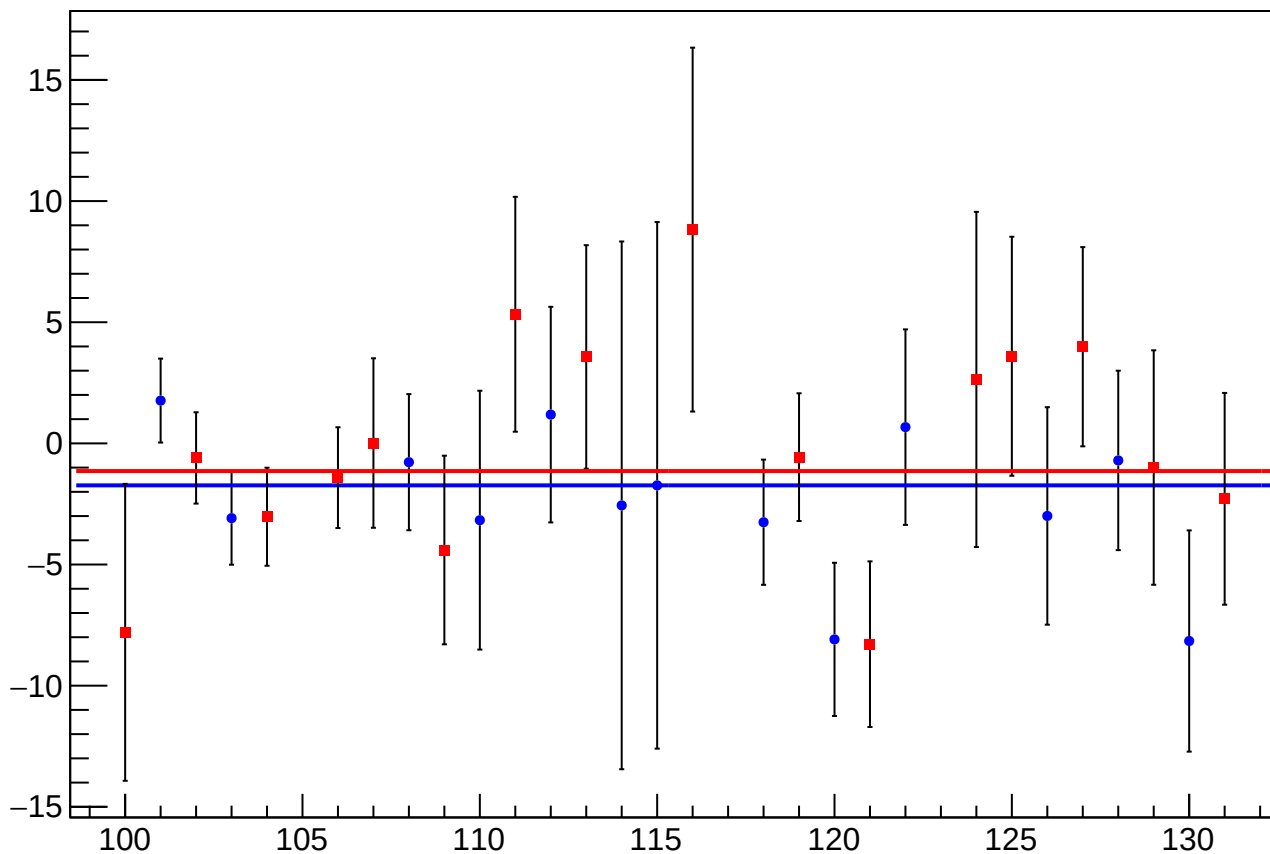
Right: 13068.627+/-2.732 χ^2/NDF : 697235.2/28

In: 13248.539+/-4.042 χ^2/NDF :309143.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13068.627+/-2.732 χ^2/NDF : 697235.2/28

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.733 ± 0.872 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.143 ± 0.821 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

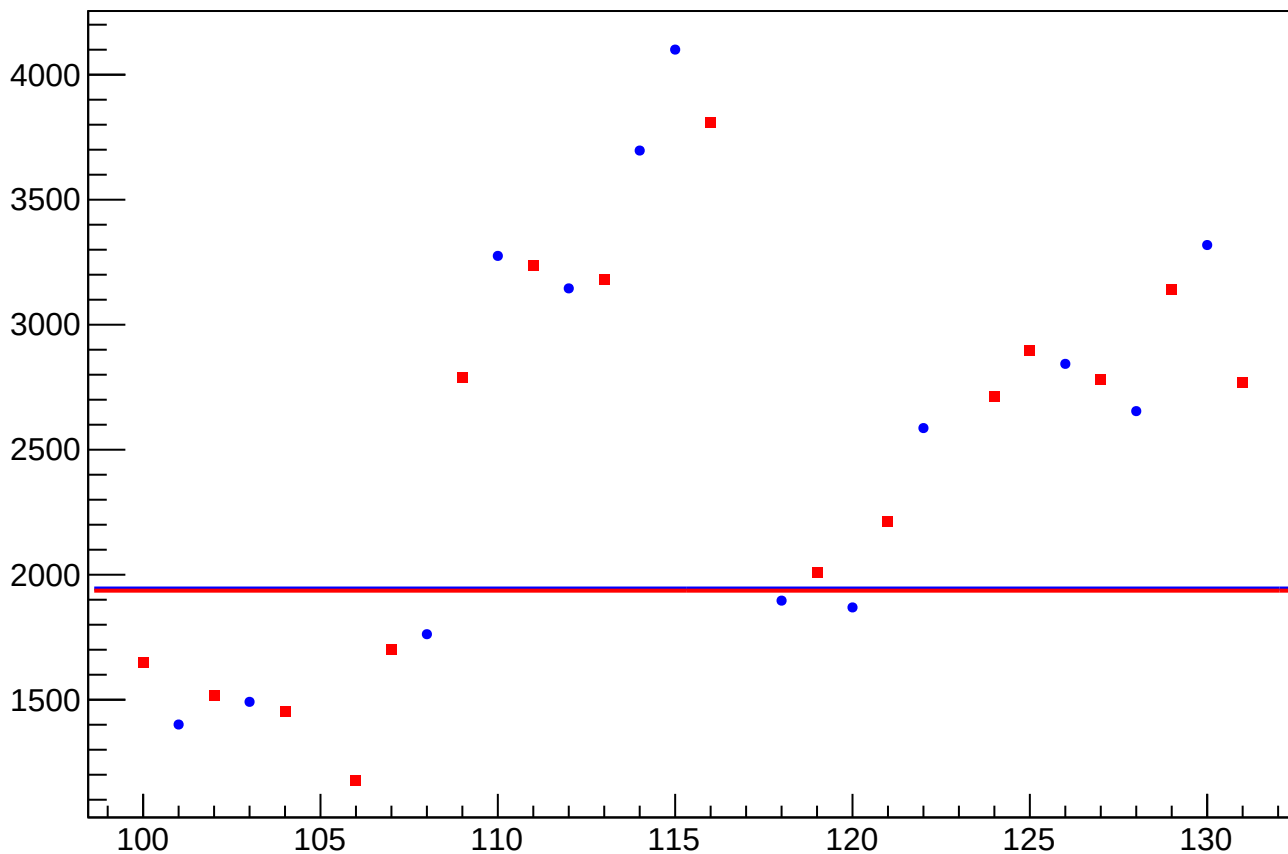
Right: -1.420 ± 0.598 χ^2/NDF : 27.1/28

In: -1.733 ± 0.872 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.420 ± 0.598 χ^2/NDF : 27.1/28

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1944.803+/-0.617 χ^2/NDF : 1104362.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.229+/-0.580 χ^2/NDF : 1399153.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

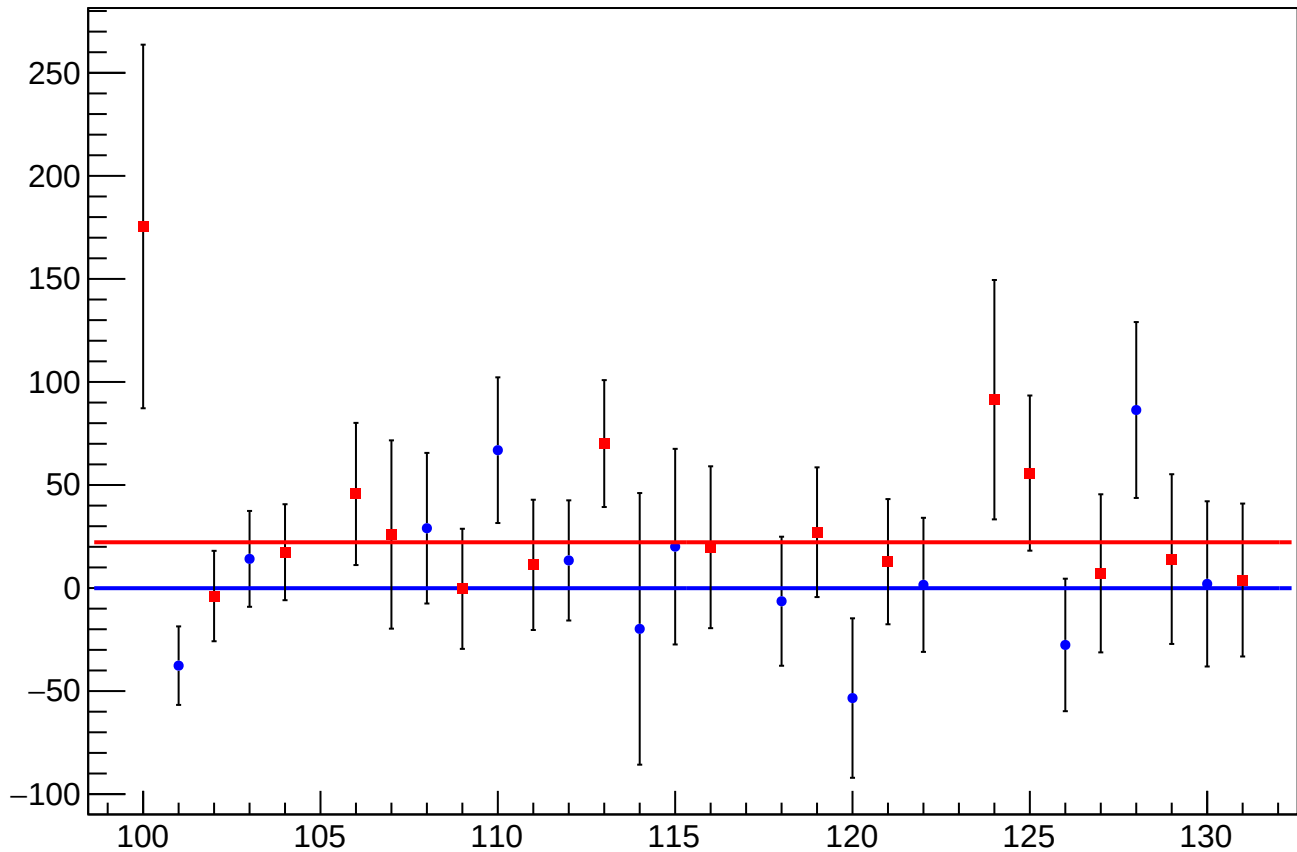
Right: 1940.257+/-0.423 χ^2/NDF : 2503617.6/28

In: 1944.803+/-0.617 χ^2/NDF : 1104362.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.257+/-0.423 χ^2/NDF : 2503617.6/28

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -0.074 ± 8.847 χ^2/NDF : 15.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.209 ± 8.349 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

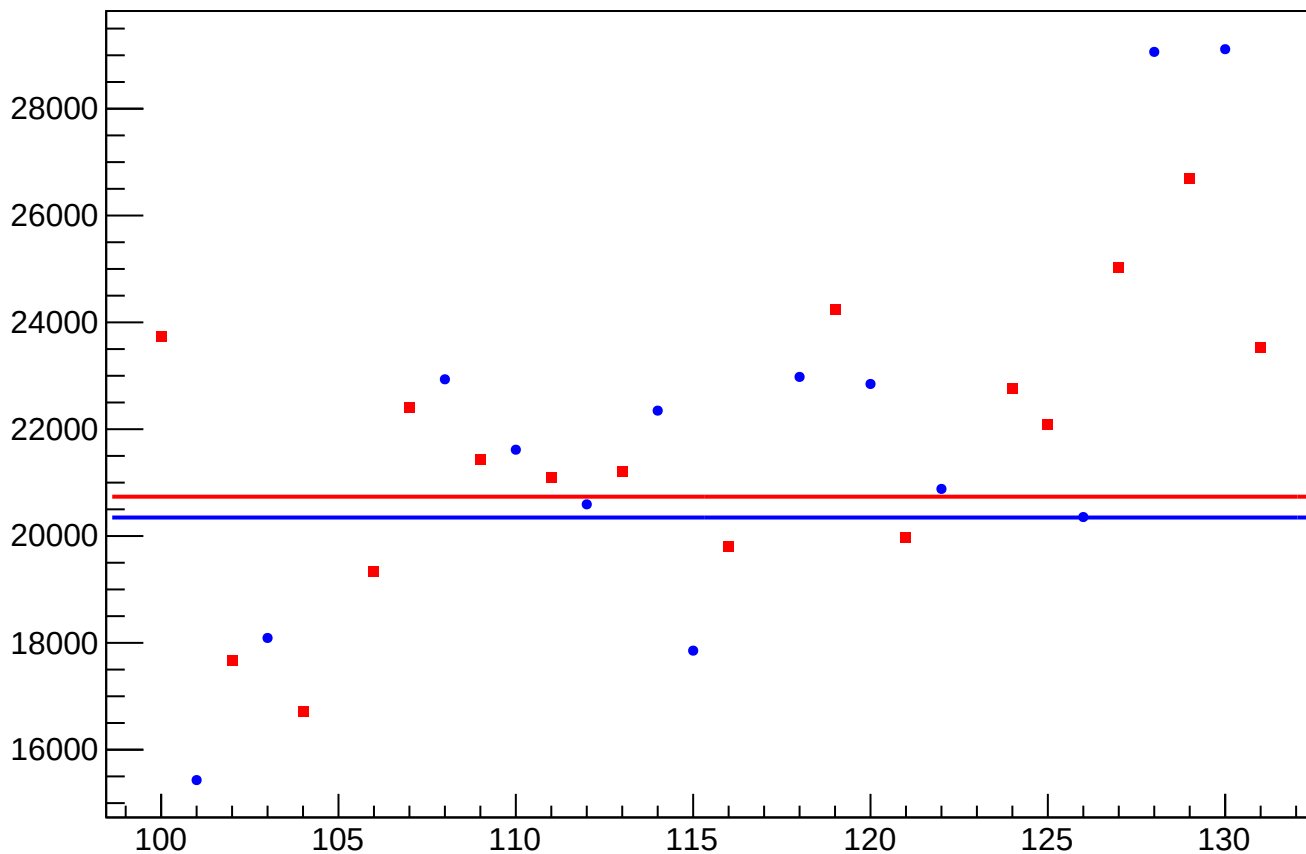
Right: 11.713 ± 6.072 χ^2/NDF : 30.0/28

In: -0.074 ± 8.847 χ^2/NDF : 15.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 11.713 ± 6.072 χ^2/NDF : 30.0/28

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 20346.676+/-6.256 χ^2/NDF : 374151.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20736.611+/-5.904 χ^2/NDF : 219326.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

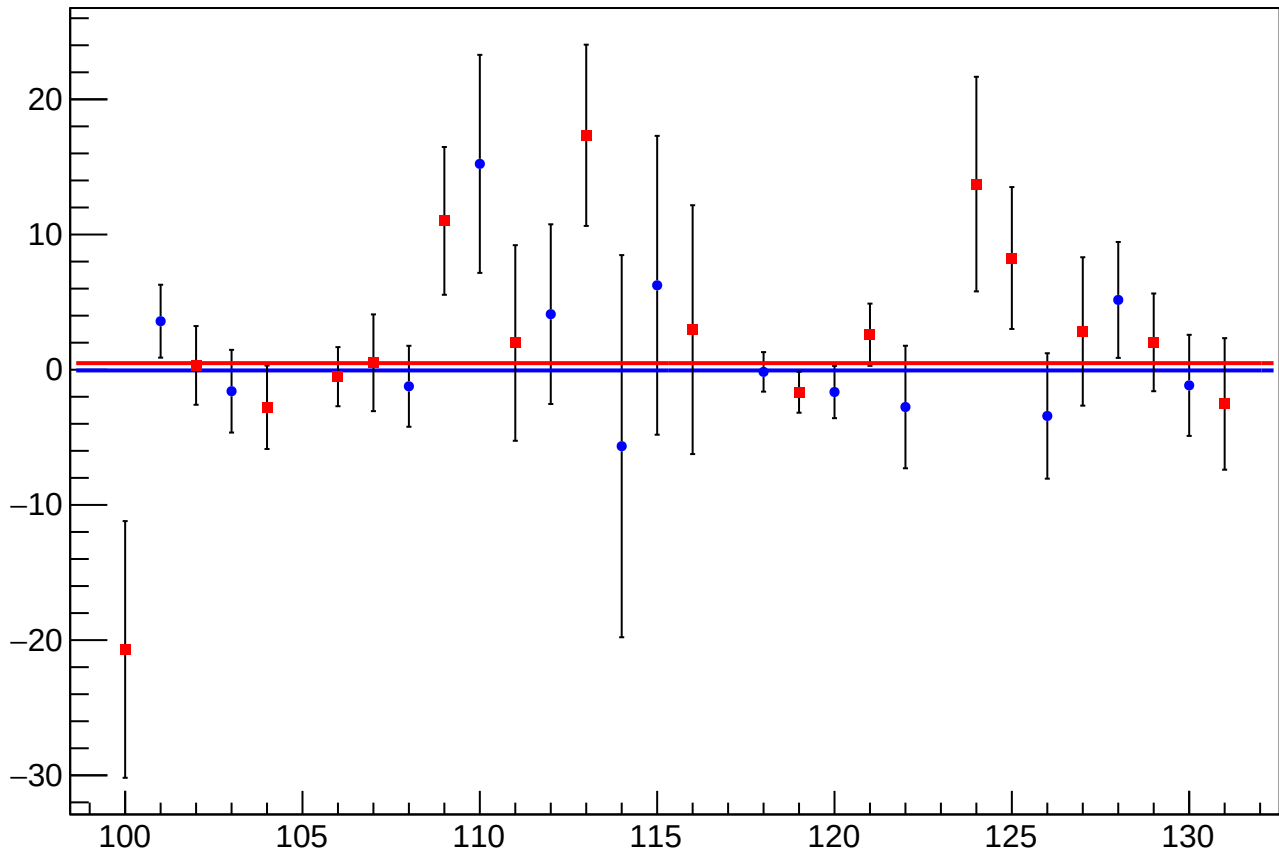
Right: 20552.928+/-4.294 χ^2/NDF : 595532.7/28

In: 20346.676+/-6.256 χ^2/NDF :374151.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20552.928+/-4.294 χ^2/NDF : 595532.7/28

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.857 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.488 ± 0.834 χ^2/NDF : 25.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

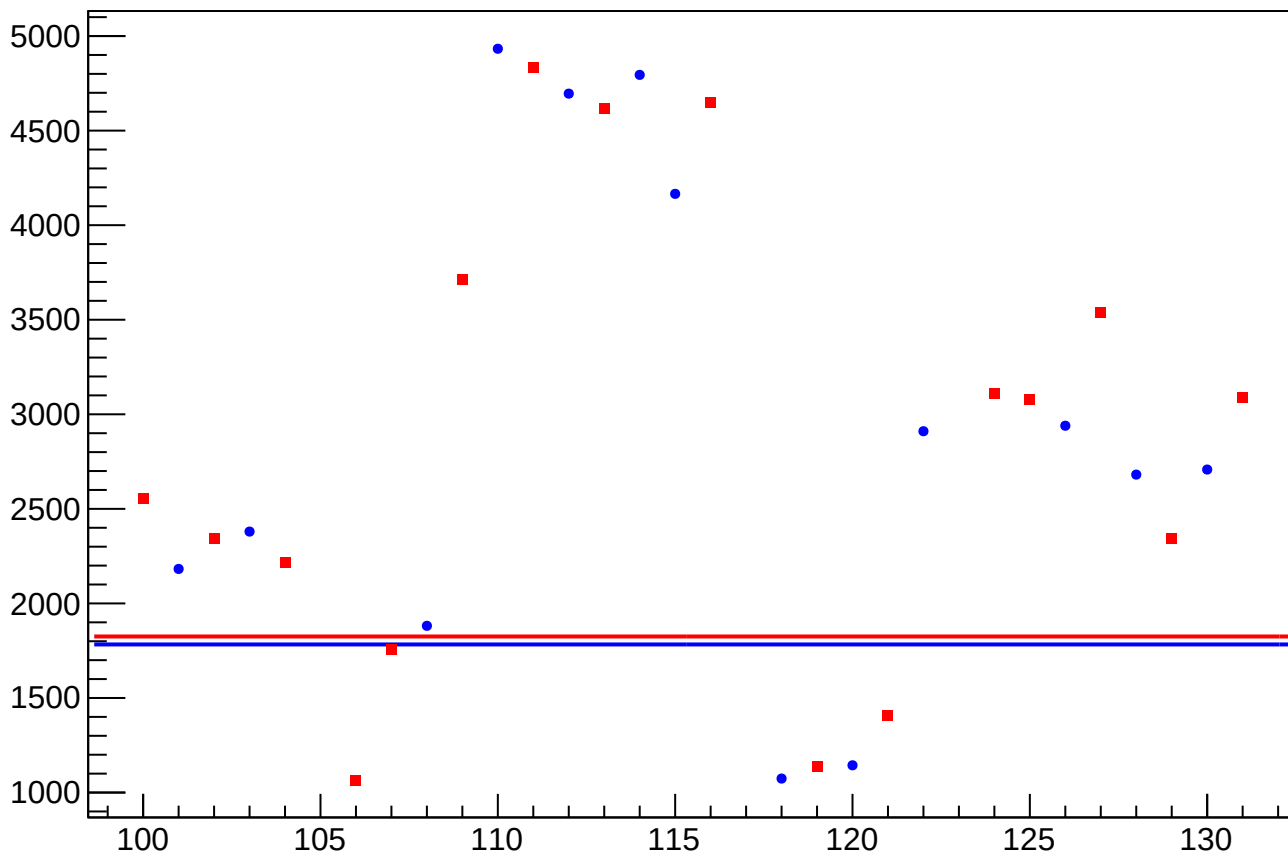
Right: 0.225 ± 0.598 χ^2/NDF : 35.1/28

In: -0.052 ± 0.857 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.225 ± 0.598 χ^2/NDF : 35.1/28

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1783.070+/-0.606 χ^2/NDF : 2141836.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.175+/-0.590 χ^2/NDF : 2488850.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

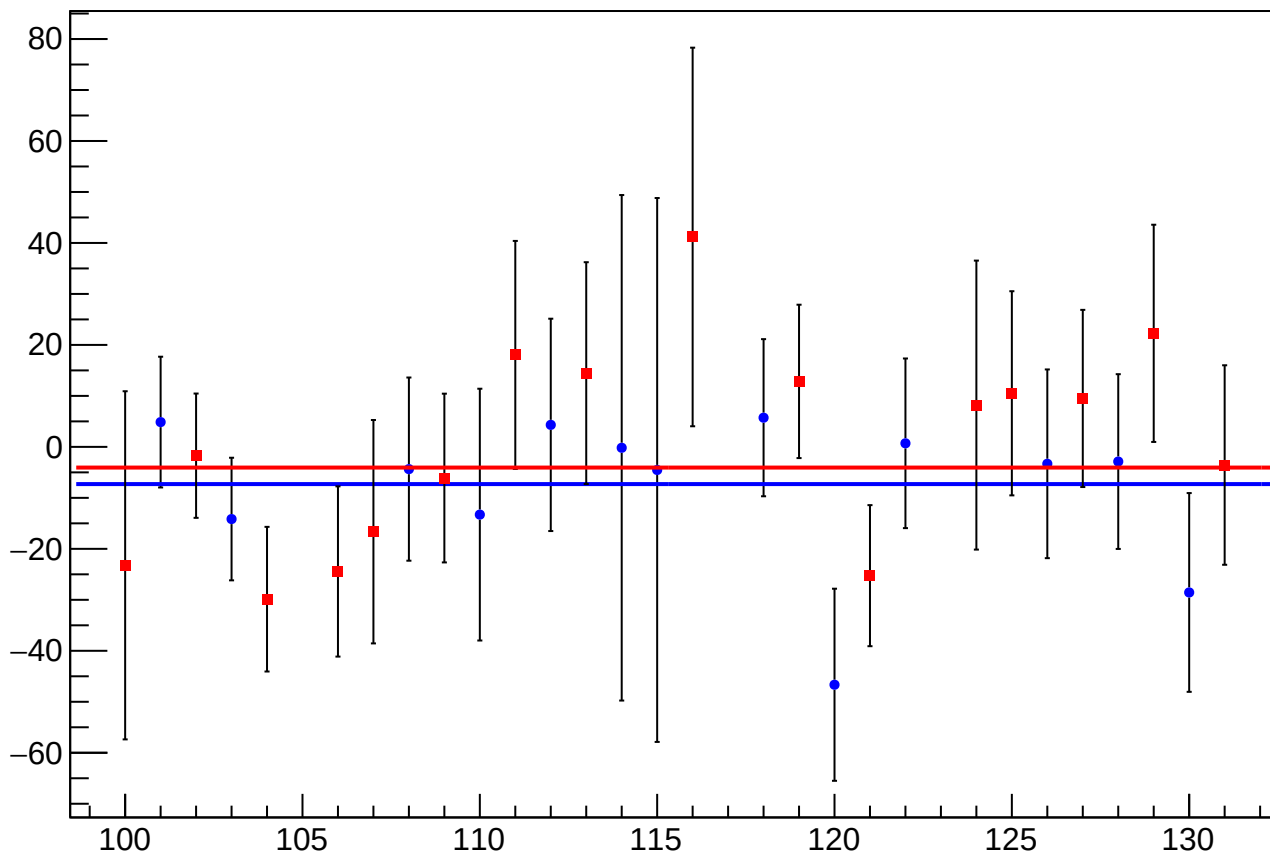
Right: 1804.679+/-0.423 χ^2/NDF : 4633167.3/28

In: 1783.070+/-0.606 χ^2/NDF : 2141836.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1804.679+/-0.423 χ^2/NDF : 4633167.3/28

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -7.299 ± 4.975 χ^2/NDF : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.059 ± 4.554 χ^2/NDF : 15.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

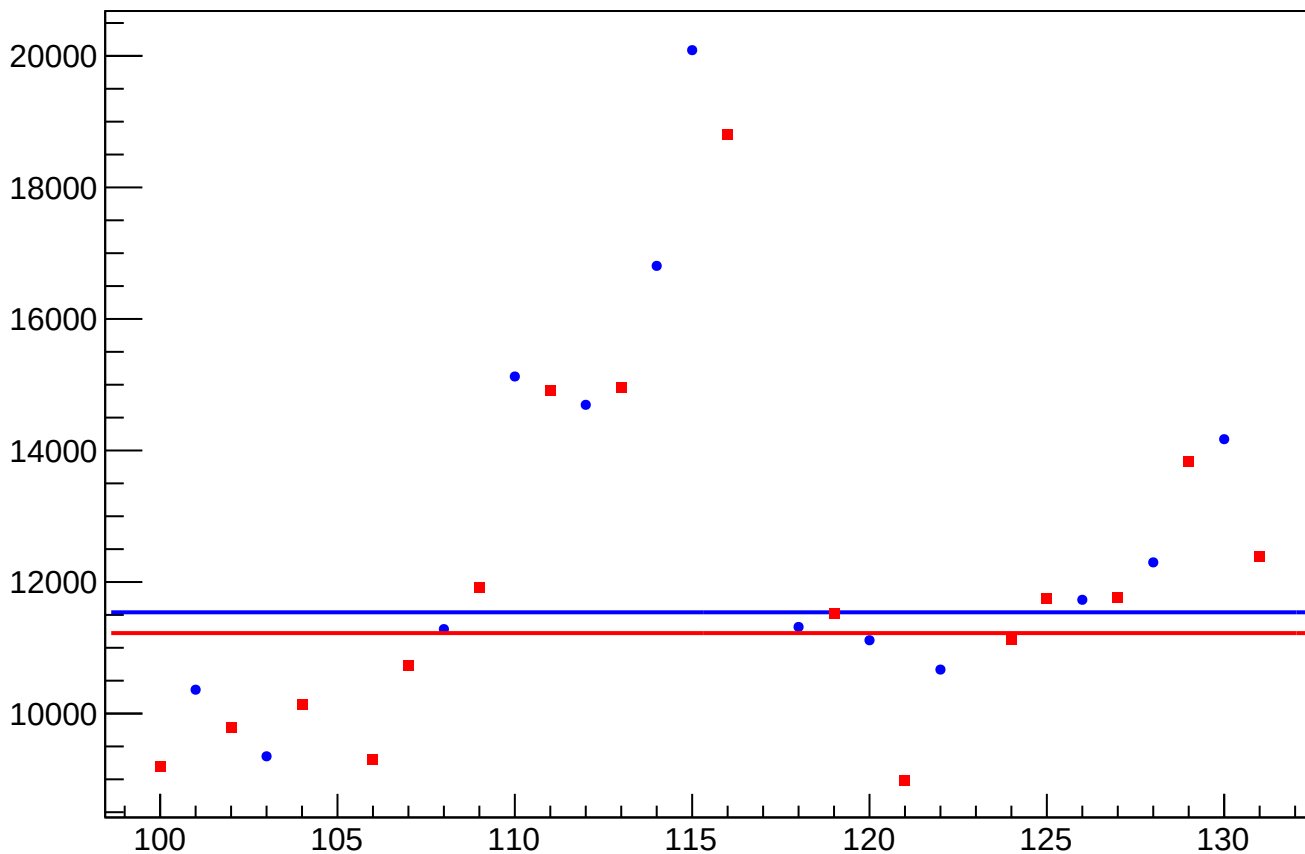
Right: -5.536 ± 3.359 χ^2/NDF : 23.6/28

In: -7.299 ± 4.975 χ^2/NDF : 8.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.536 ± 3.359 χ^2/NDF : 23.6/28

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11539.502+/-3.518 χ^2/NDF : 293084.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11223.400+/-3.220 χ^2/NDF : 367593.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

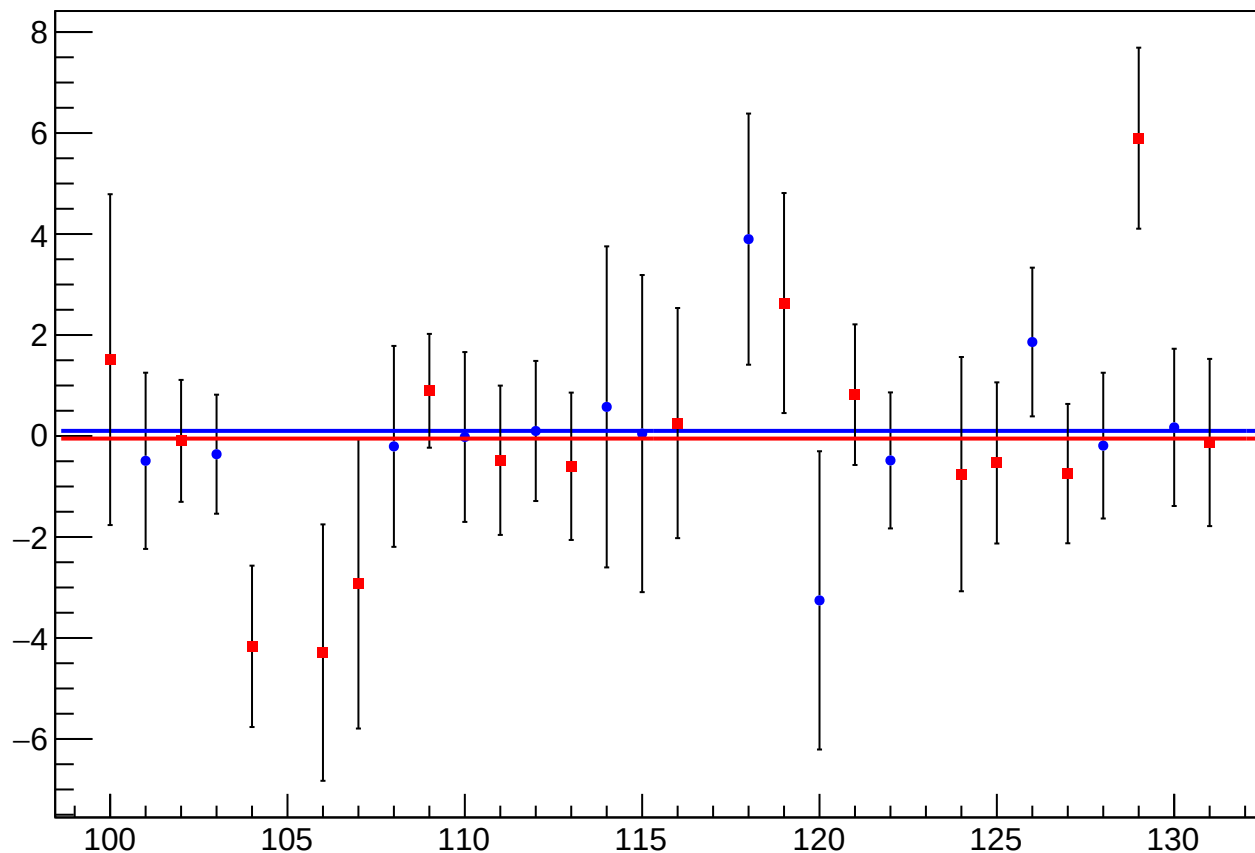
Right: 11367.485+/-2.375 χ^2/NDF : 665070.8/28

In: 11539.502+/-3.518 χ^2/NDF : 293084.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11367.485+/-2.375 χ^2/NDF : 665070.8/28

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.469 χ^2 /NDF: 5.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.051 $\pm$ 0.413 χ^2 /NDF: 25.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

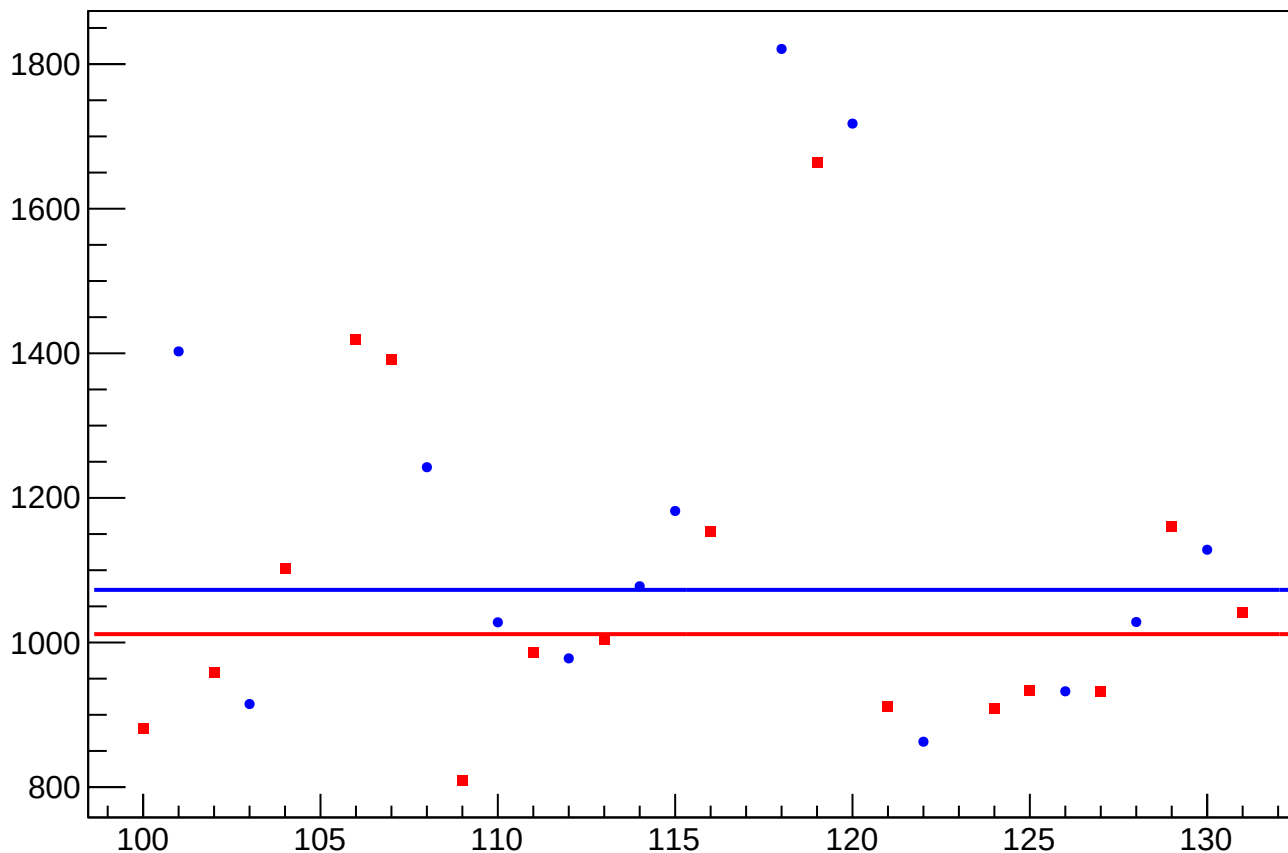
Right: 0.016 $\pm$ 0.310 χ^2 /NDF: 30.6/28

In: 0.102 $\pm$ 0.469 χ^2 /NDF:5.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.310 χ^2 /NDF: 30.6/28

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1072.806+/-0.331 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.583+/-0.292 χ^2/NDF : 391652.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

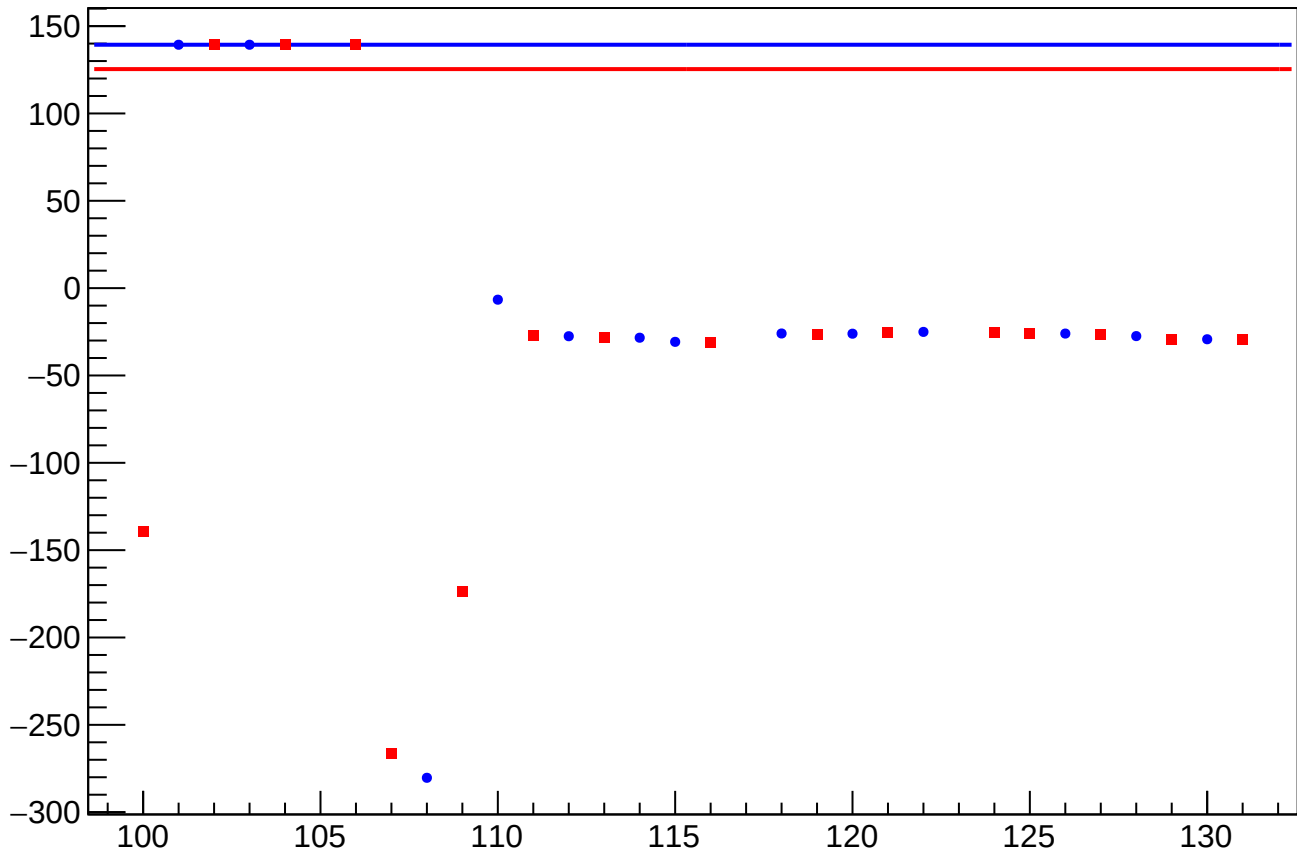
Right: 1038.359+/-0.219 χ^2/NDF : 893550.5/28

In: 1072.806+/-0.331 χ^2/NDF : 482682.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

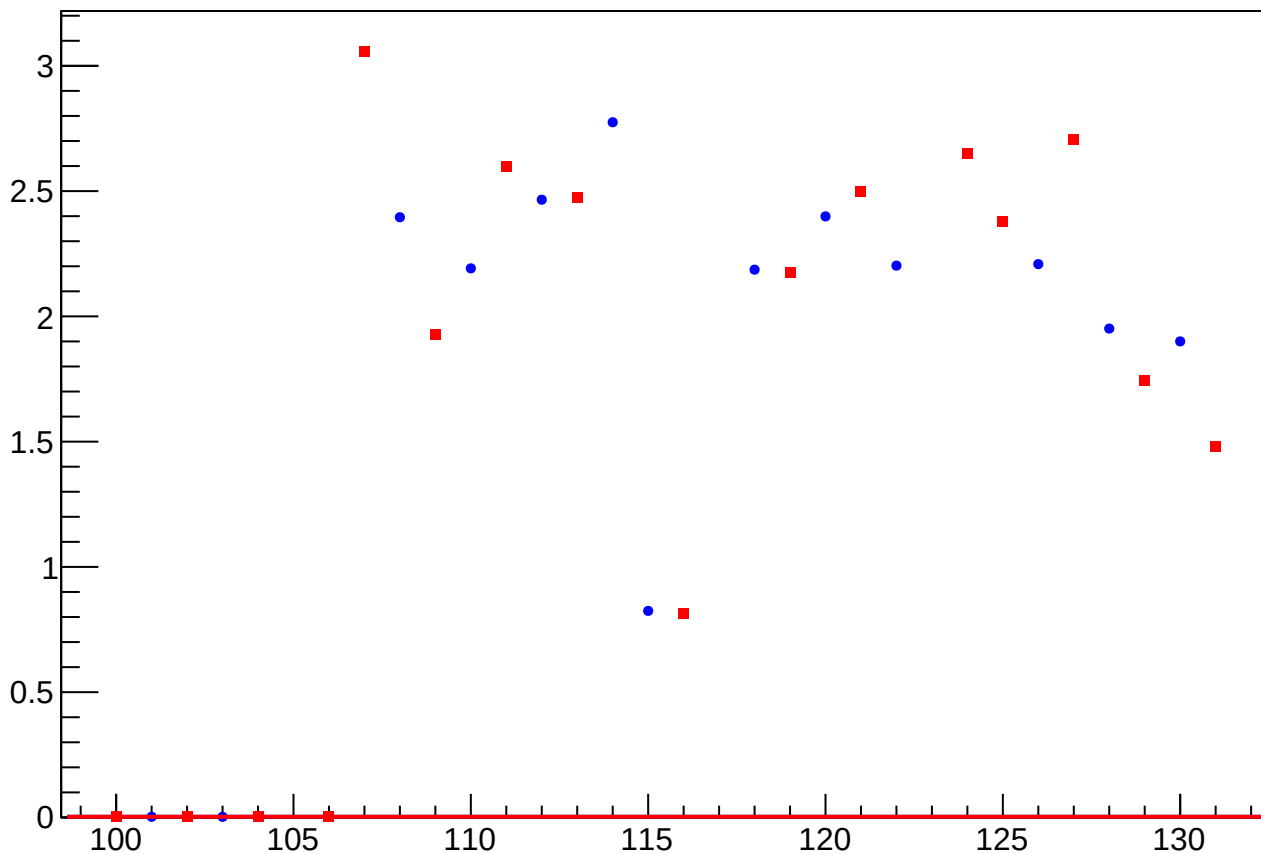
All: 1038.359+/-0.219 χ^2/NDF : 893550.5/28

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.337 $\pm$ 0.000 χ^2 /NDF: 31539221044.6/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774164747332053.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792981715349342

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 7103334.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7988019.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

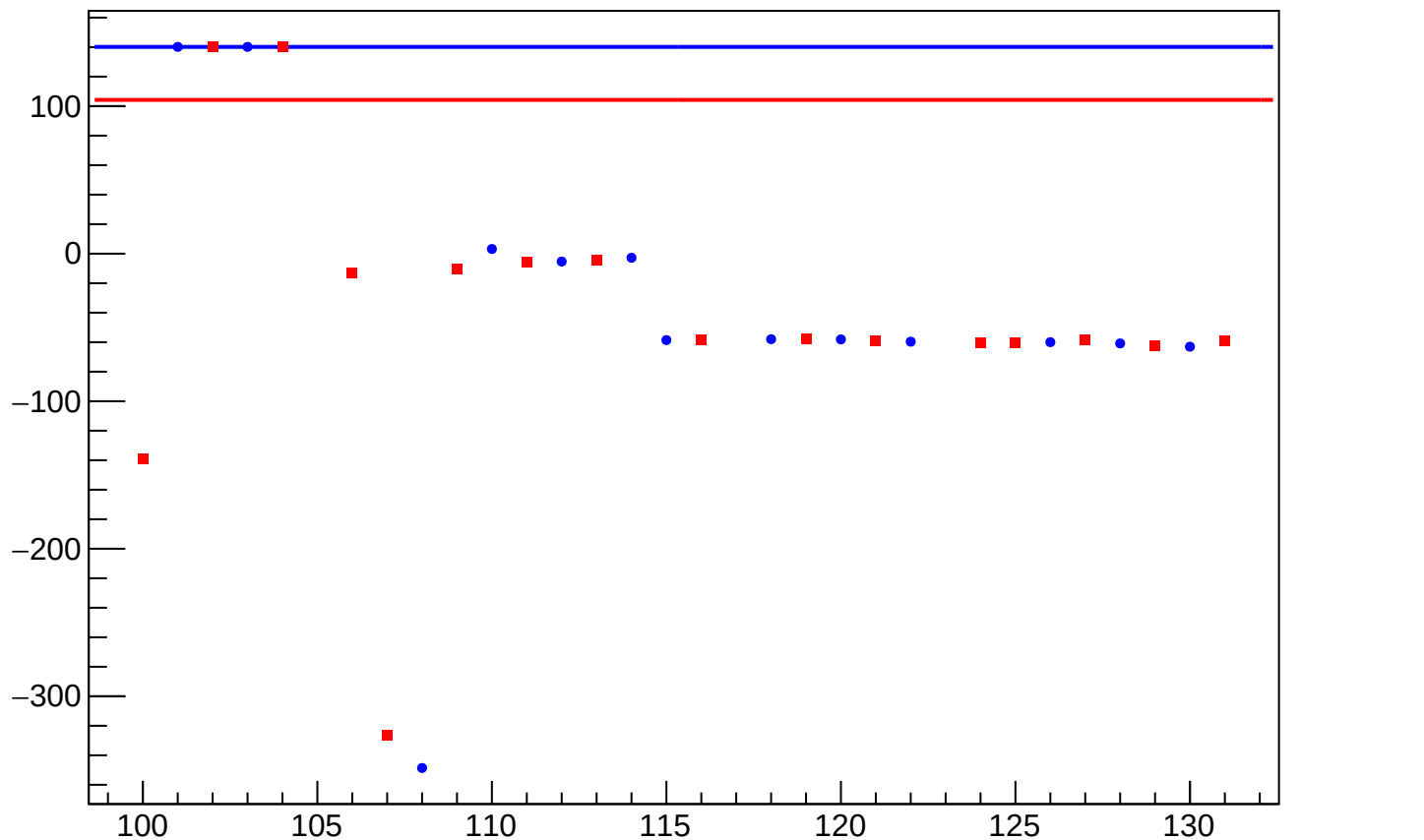
Right: 0.003+/-0.000 χ^2/NDF : 15091515.1/28

In: 0.003+/-0.000 χ^2/NDF :7103334.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

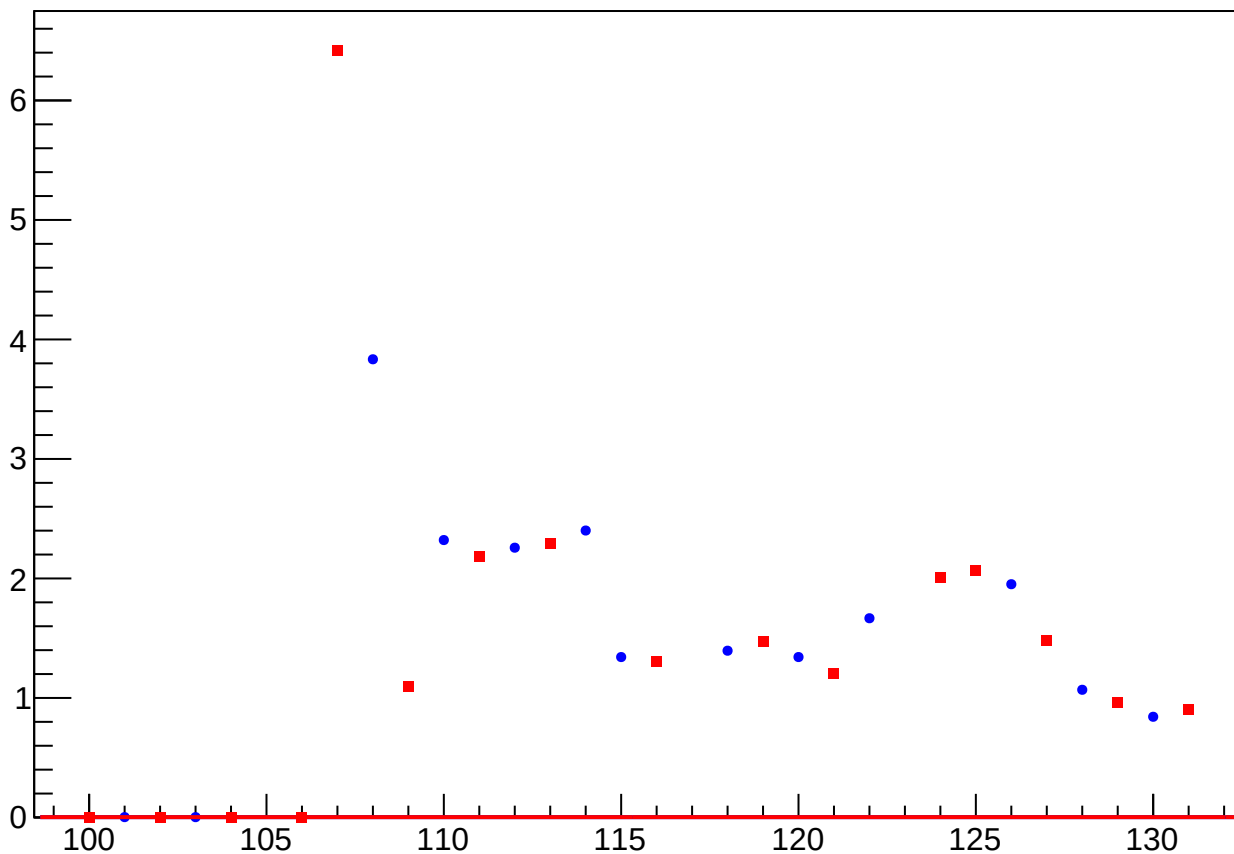
All: 0.003+/-0.000 χ^2/NDF : 15091515.1/28

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.146 $\pm$ 0.000 χ^2 /NDF: 82522426630.2/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 104.226 $\pm$ 0.000 χ^2 /NDF: 1257349559749333.2/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 120.834 $\pm$ 0.000 χ^2 /NDF: 138074660147401

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 7682126.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8253904.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

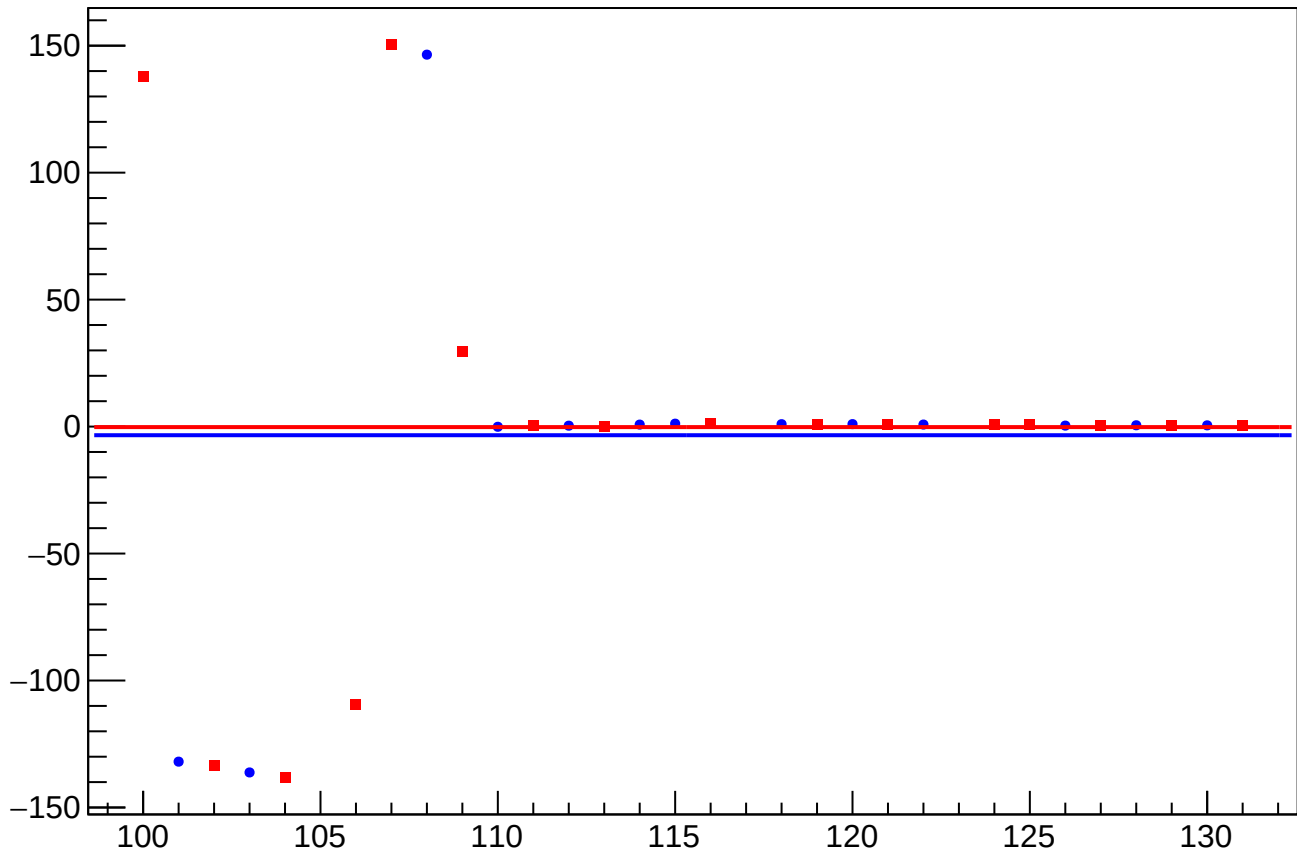
Right: 0.003+/-0.000 χ^2/NDF : 15936190.5/28

In: 0.003+/-0.000 χ^2/NDF :7682126.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15936190.5/28

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -3.398+/-0.000 χ^2/NDF : 9815664984.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.200+/-0.000 χ^2/NDF : 3605113320.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

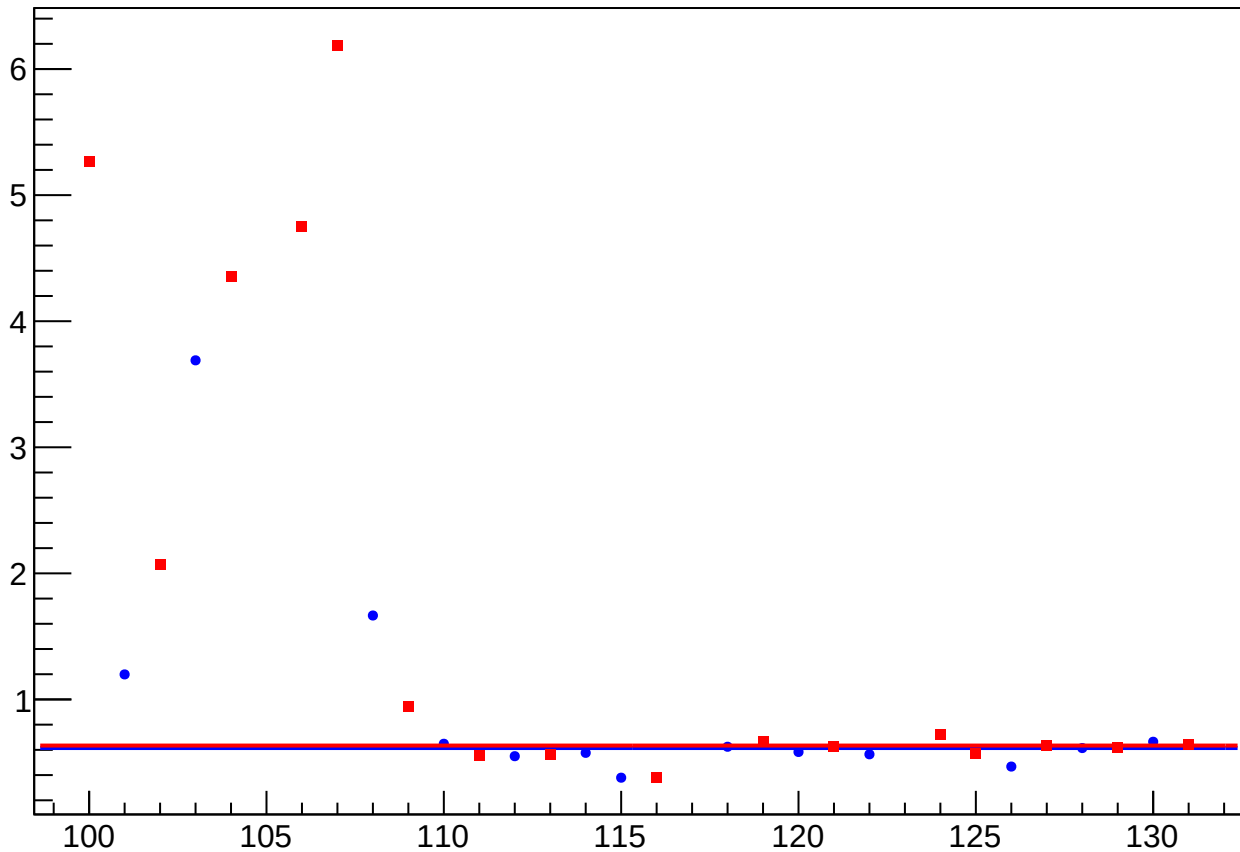
Right: -1.805+/-0.000 χ^2/NDF : 13473218214.4/28

In: -3.398+/-0.000 χ^2/NDF :9815664984.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.805+/-0.000 χ^2/NDF : 13473218214.4/28

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.614+/-0.000 χ^2/NDF : 1360164.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.634+/-0.000 χ^2/NDF : 2298038.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

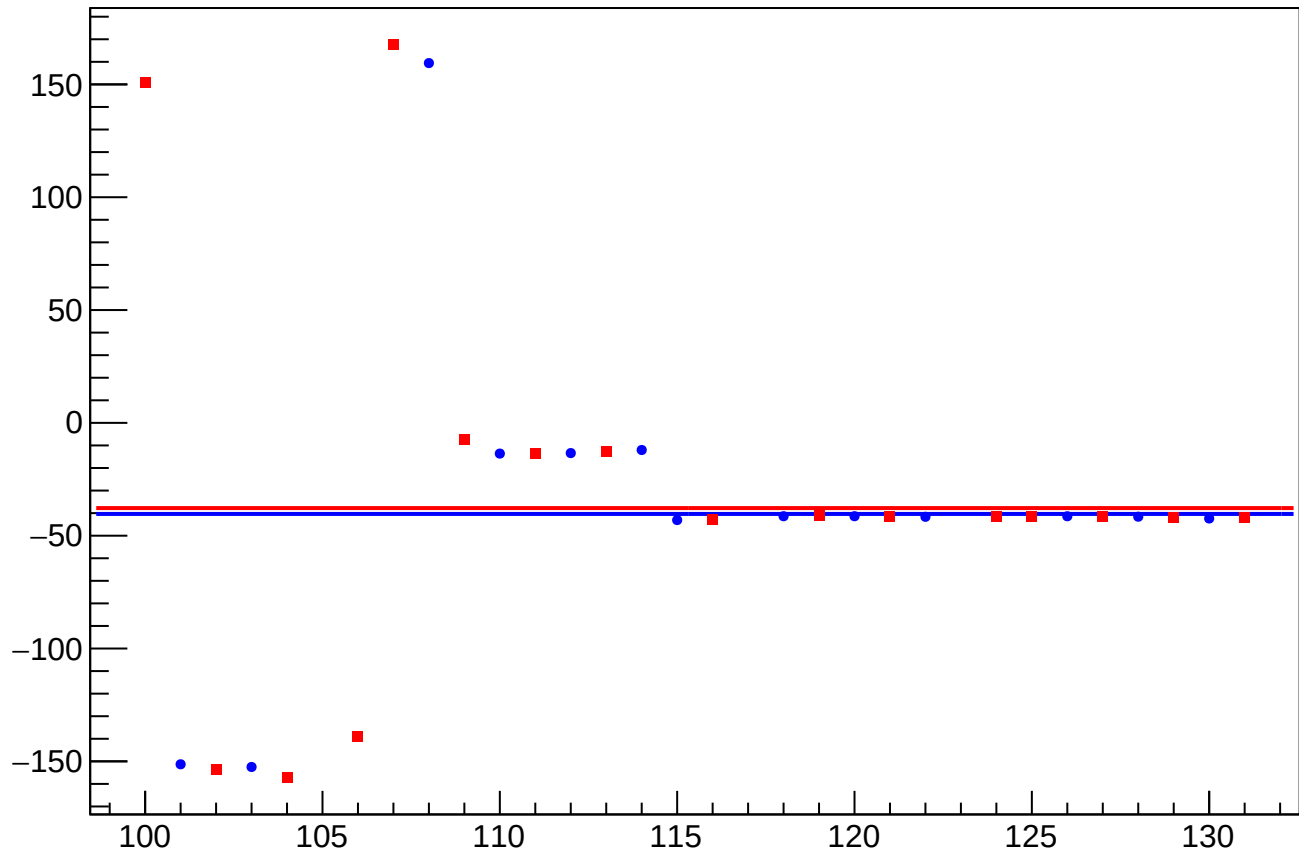
Right: 0.624+/-0.000 χ^2/NDF : 3662174.0/28

In: 0.614+/-0.000 χ^2/NDF : 1360164.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.624+/-0.000 χ^2/NDF : 3662174.0/28

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -40.358+/-0.000 χ^2/NDF : 3439894774.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.763+/-0.000 χ^2/NDF : 2417495718.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

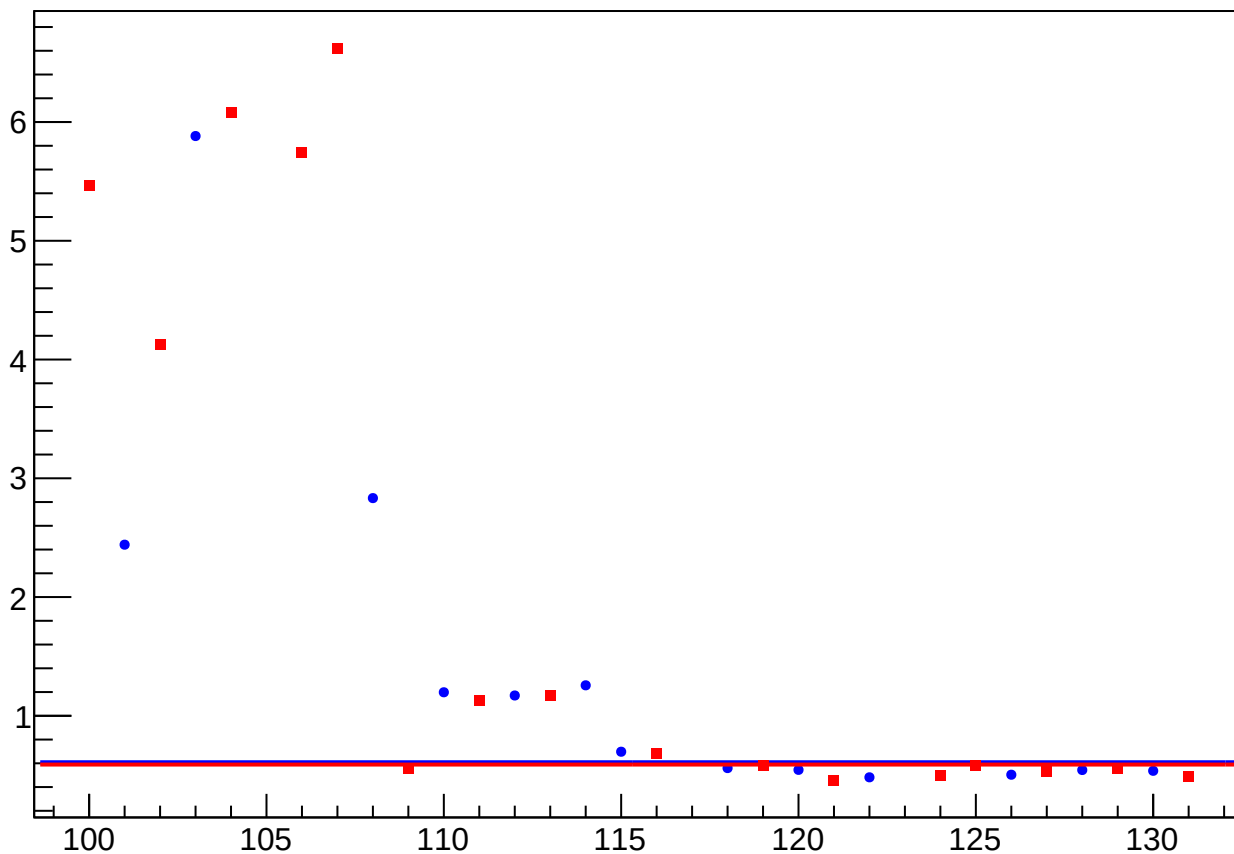
Right: -38.970+/-0.000 χ^2/NDF : 5894477683.4/28

In: -40.358+/-0.000 χ^2/NDF : 3439894774.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.970+/-0.000 χ^2/NDF : 5894477683.4/28

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.609+/-0.000 χ^2/NDF : 2547896.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.590+/-0.000 χ^2/NDF : 2964110.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

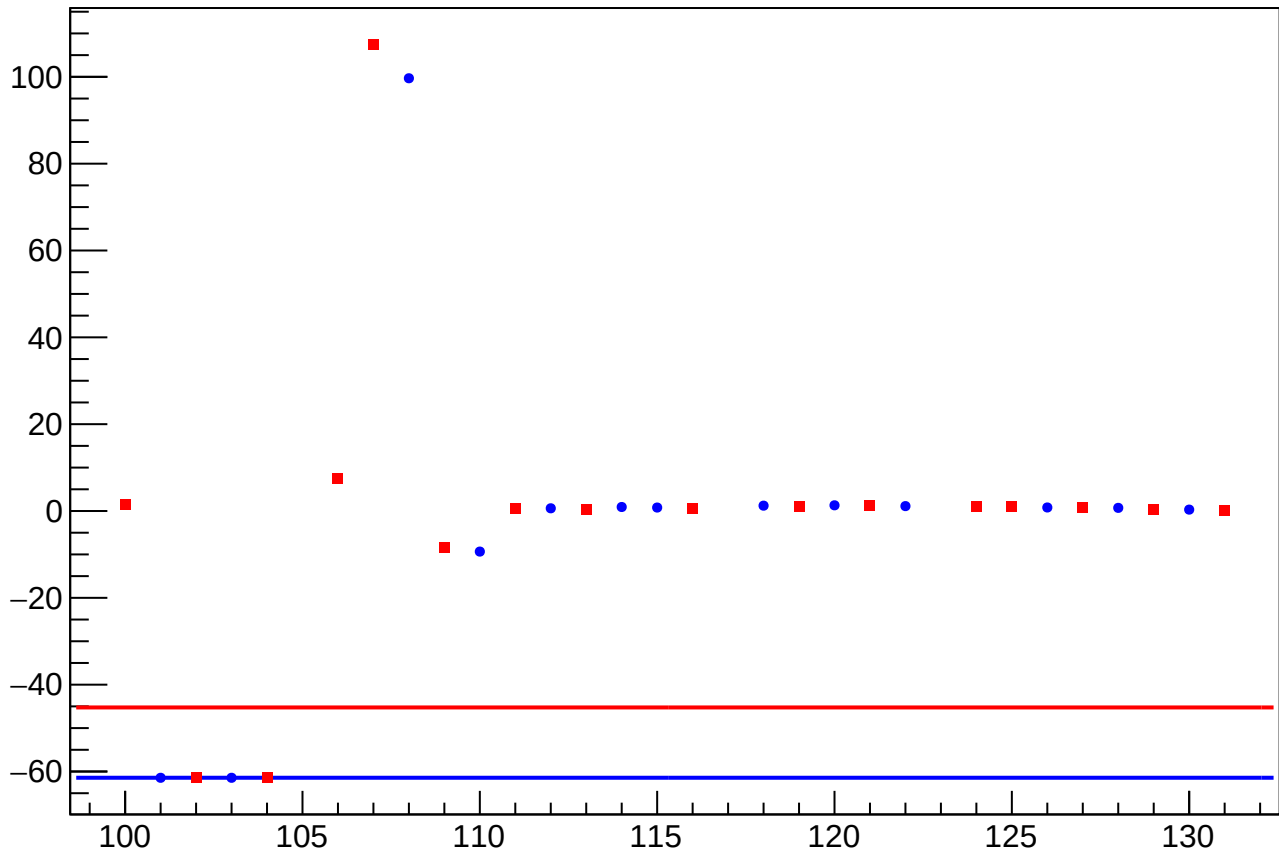
Right: 0.599+/-0.000 χ^2/NDF : 5516148.0/28

In: 0.609+/-0.000 χ^2/NDF : 2547896.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

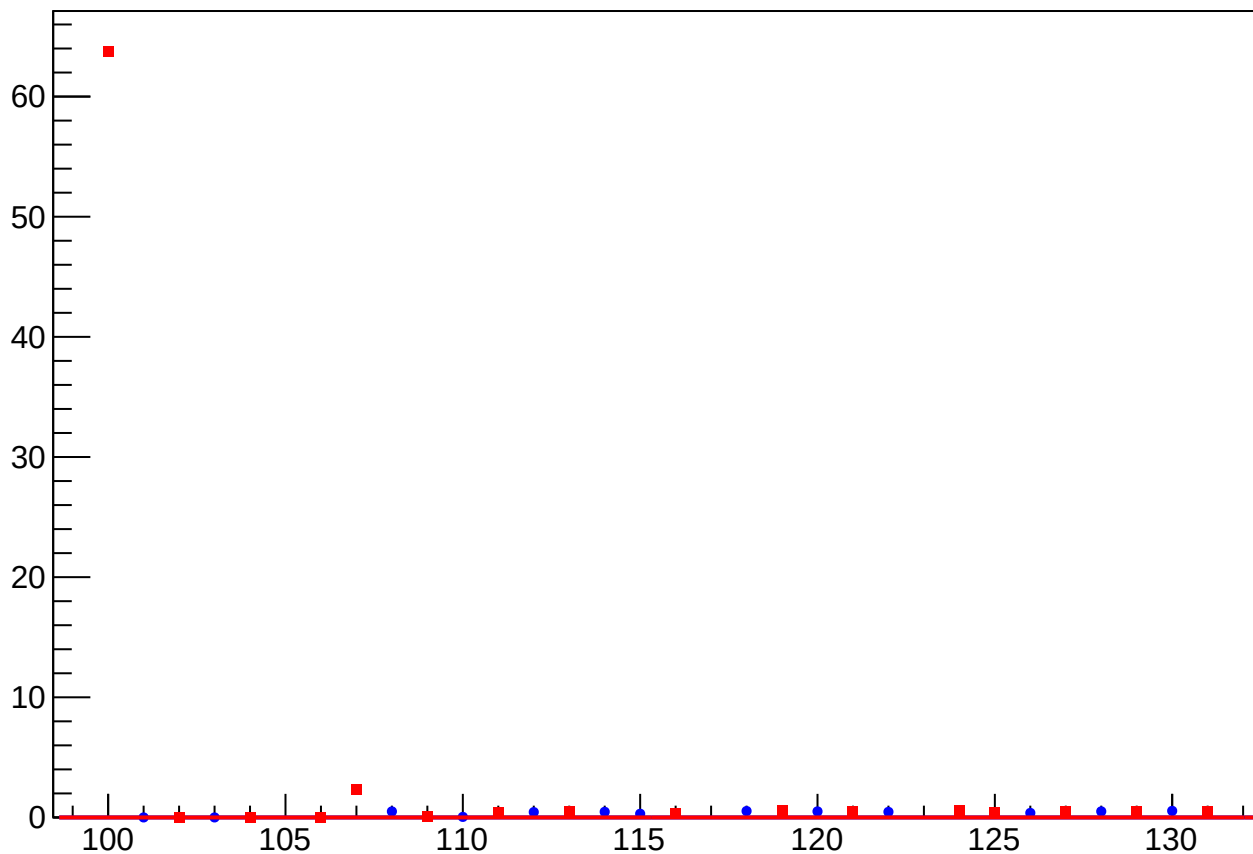
All: 0.599+/-0.000 χ^2/NDF : 5516148.0/28

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.437+/-0.000 χ^2/NDF : 240410958063.7/12
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -52.750+/-0.000 χ^2/NDF : 409083654692957
 In: -61.437+/-0.000 χ^2/NDF : 240410958063.7/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.750+/-0.000 χ^2/NDF : 409083654692

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 6593230.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 7461102.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

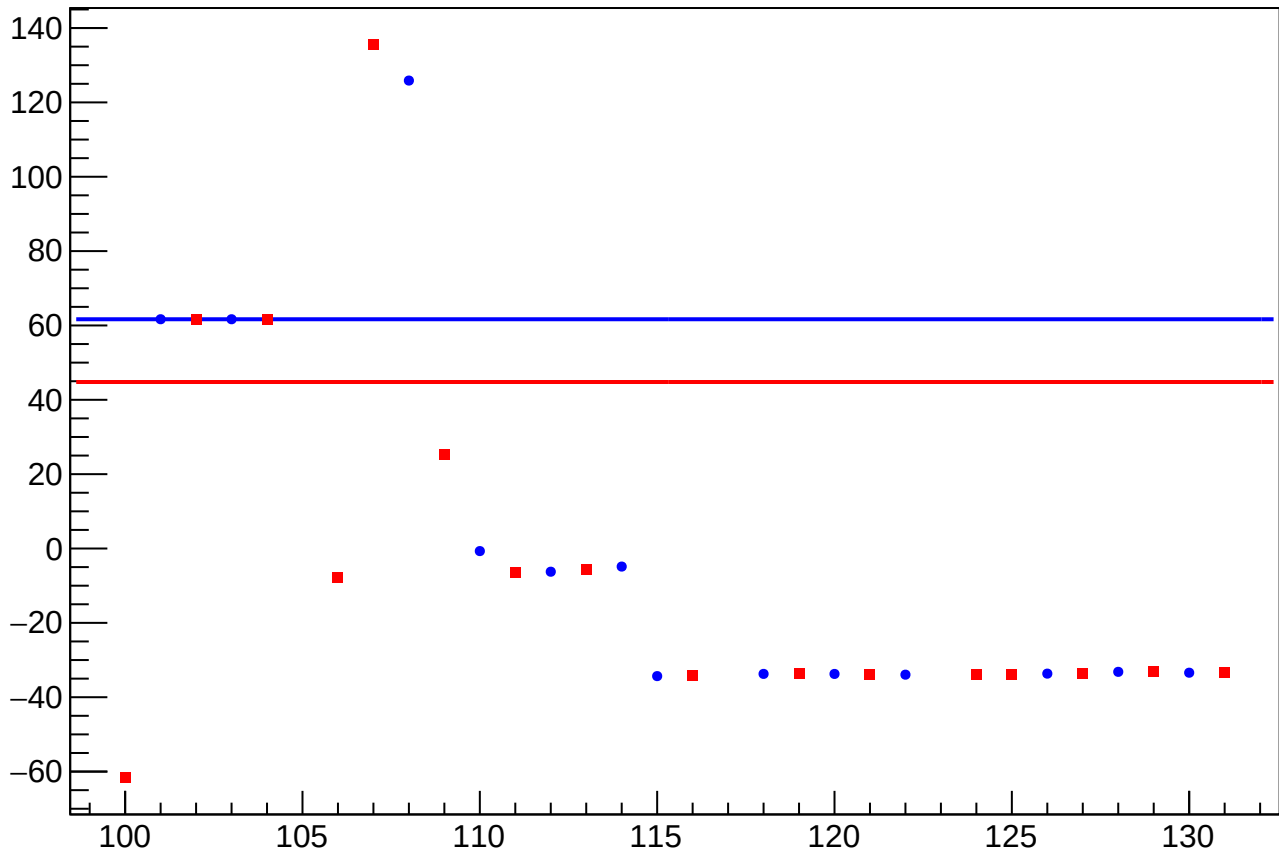
Right: 0.001+/-0.000 χ^2/NDF : 14054334.3/28

In: 0.001+/-0.000 χ^2/NDF : 6593230.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

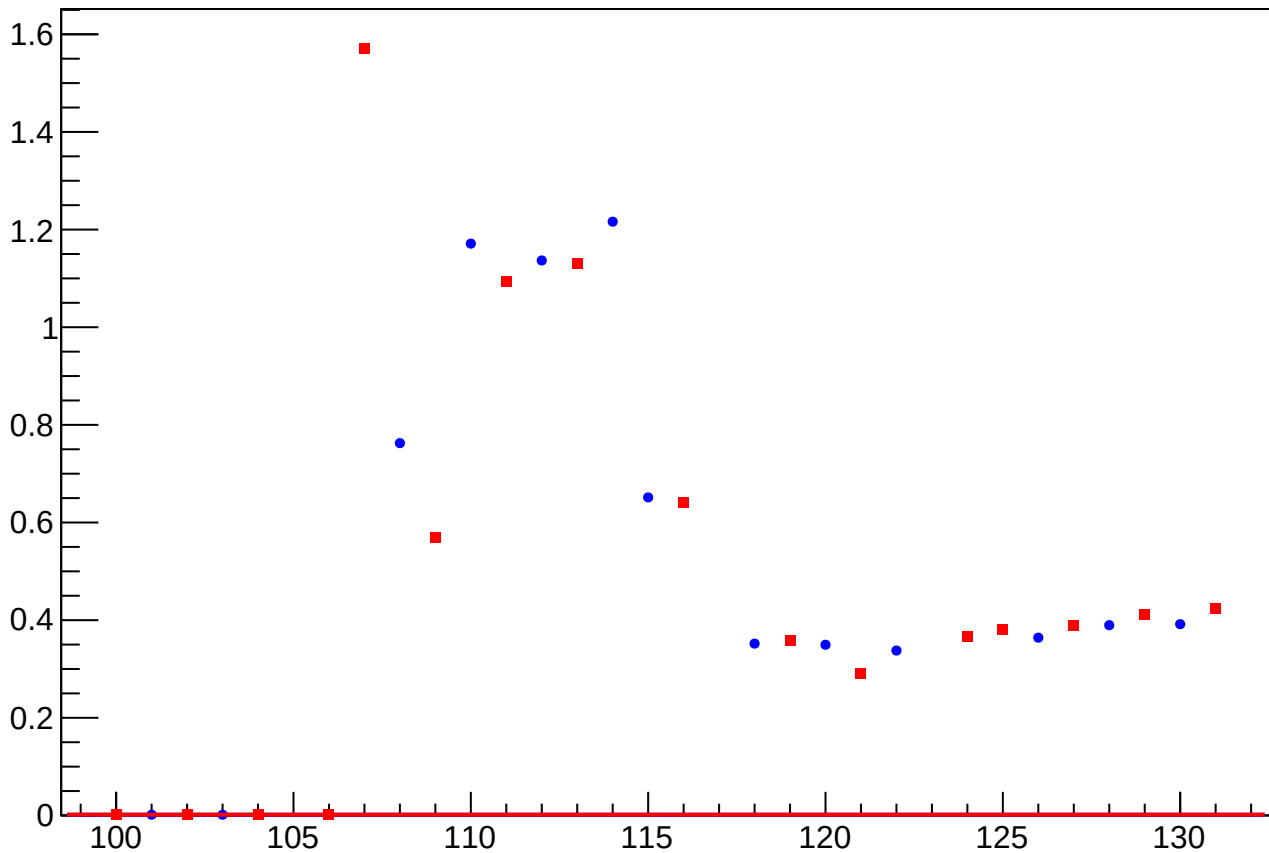
All: 0.001+/-0.000 χ^2/NDF : 14054334.3/28

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.668+/-0.000 χ^2/NDF : 188012723339.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 44.789+/-0.000 χ^2/NDF : 365998985409833.9/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.693+/-0.000 χ^2/NDF : 417303197740556.4
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 52.693+/-0.000 χ^2/NDF : 417303197740556.4
 In: 61.668+/-0.000 χ^2/NDF : 188012723339.5/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 7954643.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 8431068.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

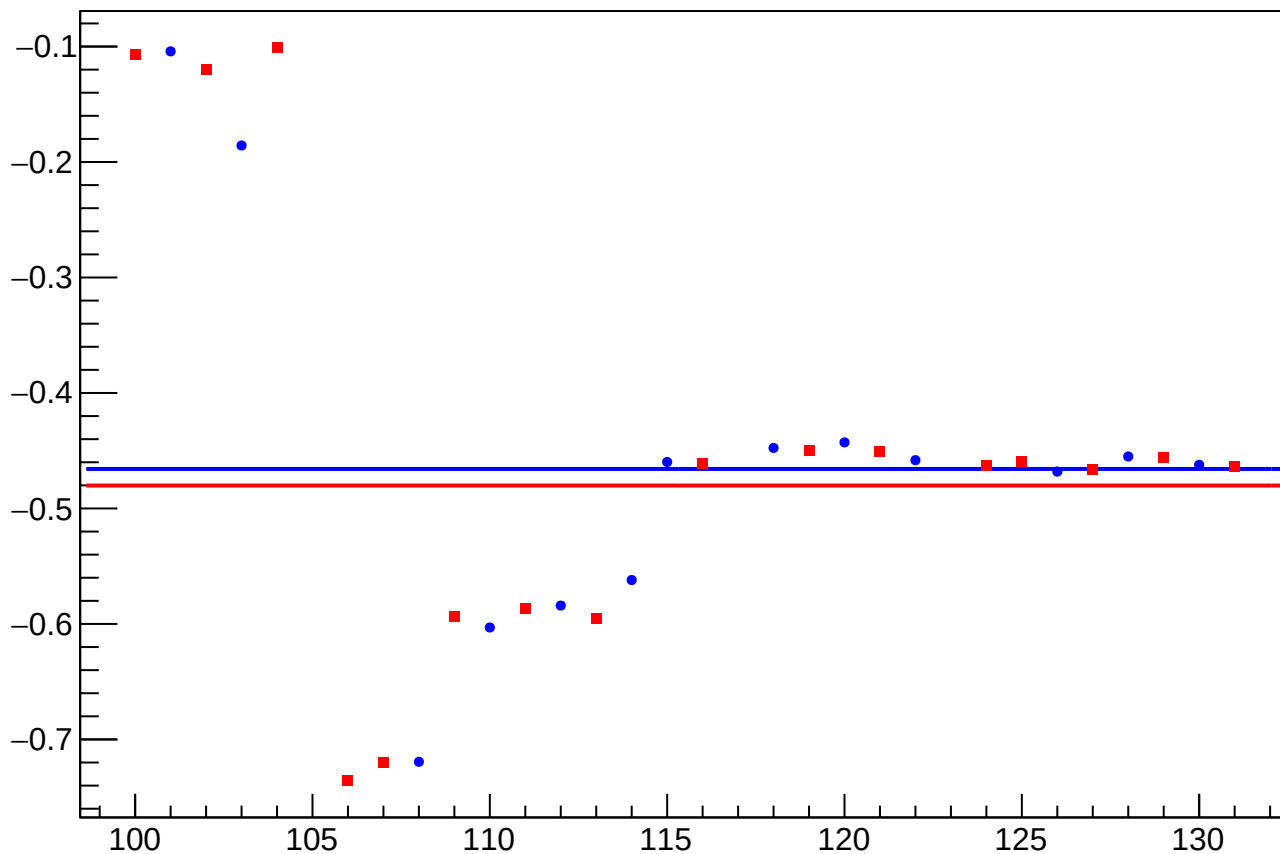
Right: 0.002+/-0.000 χ^2/NDF : 16385923.3/28

In: 0.002+/-0.000 χ^2/NDF : 7954643.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 16385923.3/28

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.466+/-0.000 χ^2/NDF : 106508958.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.480+/-0.000 χ^2/NDF : 101633485.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

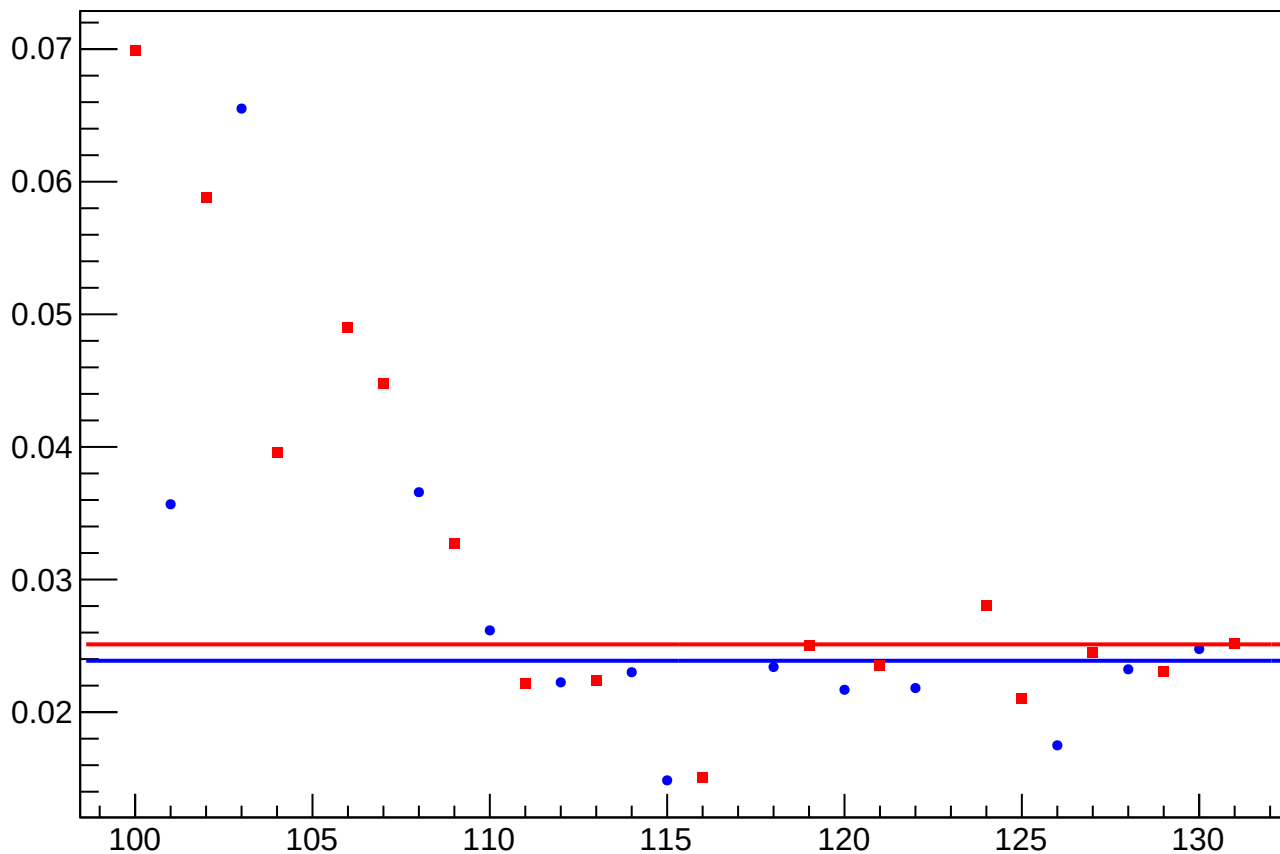
Right: -0.473+/-0.000 χ^2/NDF : 208914992.4/28

In: -0.466+/-0.000 χ^2/NDF :106508958.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.473+/-0.000 χ^2/NDF : 208914992.4/28

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 840034.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1010117.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

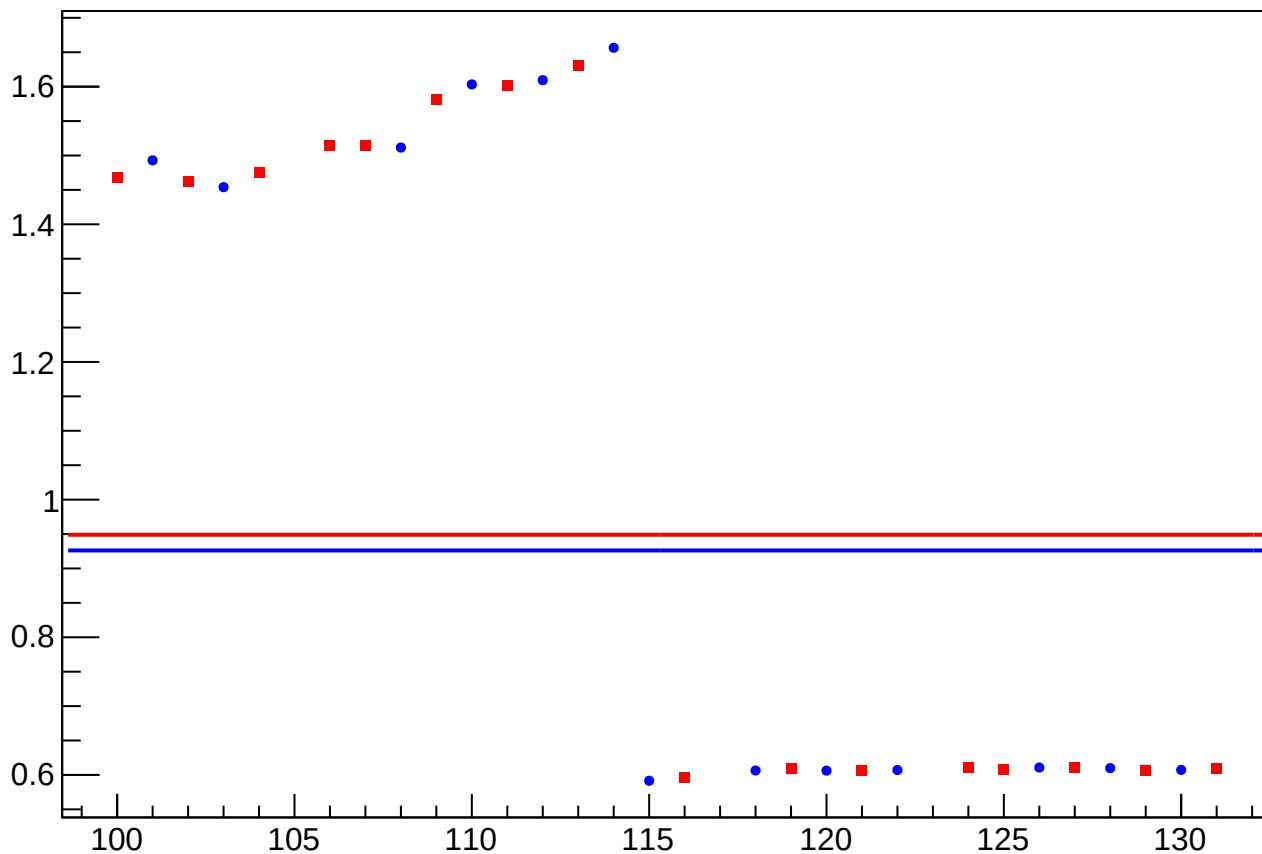
Right: 0.024+/-0.000 χ^2/NDF : 1861550.3/28

In: 0.024+/-0.000 χ^2/NDF :840034.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1861550.3/28

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.926+/-0.000 χ^2/NDF : 3180997395.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.949+/-0.000 χ^2/NDF : 3694075578.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

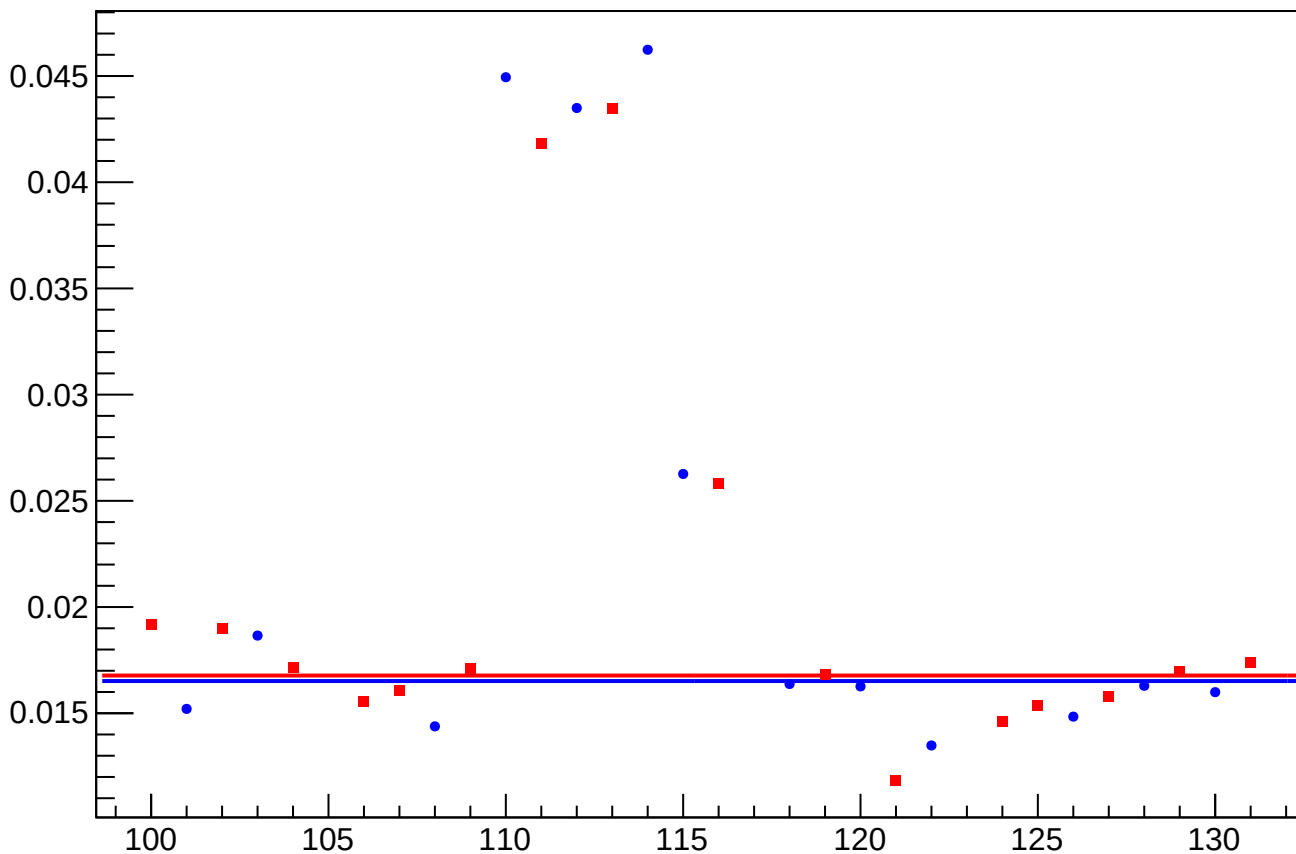
Right: 0.938+/-0.000 χ^2/NDF : 6879823553.9/28

In: 0.926+/-0.000 χ^2/NDF : 3180997395.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.938+/-0.000 χ^2/NDF : 6879823553.9/28

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 841239.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 888051.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

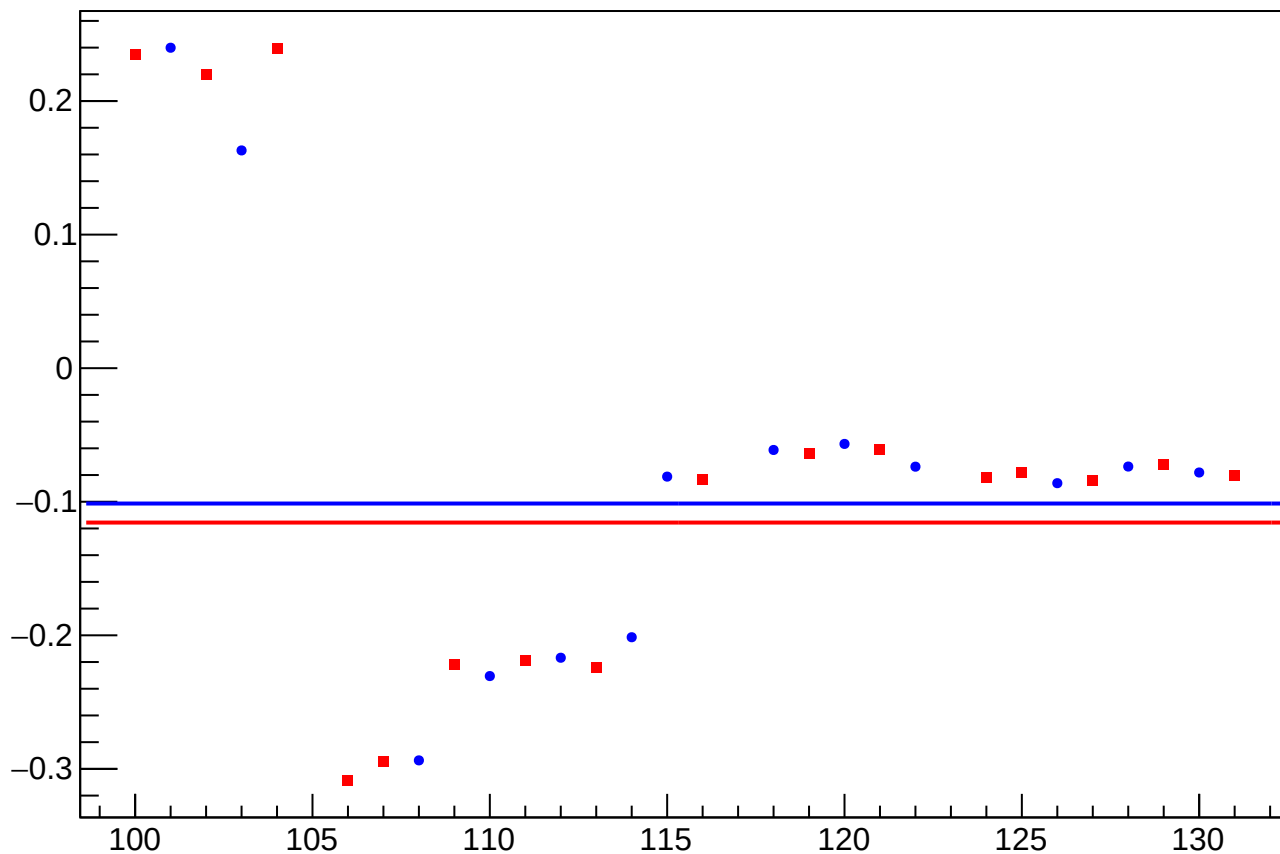
Right: 0.017+/-0.000 χ^2/NDF : 1730522.8/28

In: 0.017+/-0.000 χ^2/NDF :841239.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1730522.8/28

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.101+/-0.000 χ^2/NDF : 106088906.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.116+/-0.000 χ^2/NDF : 108988196.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

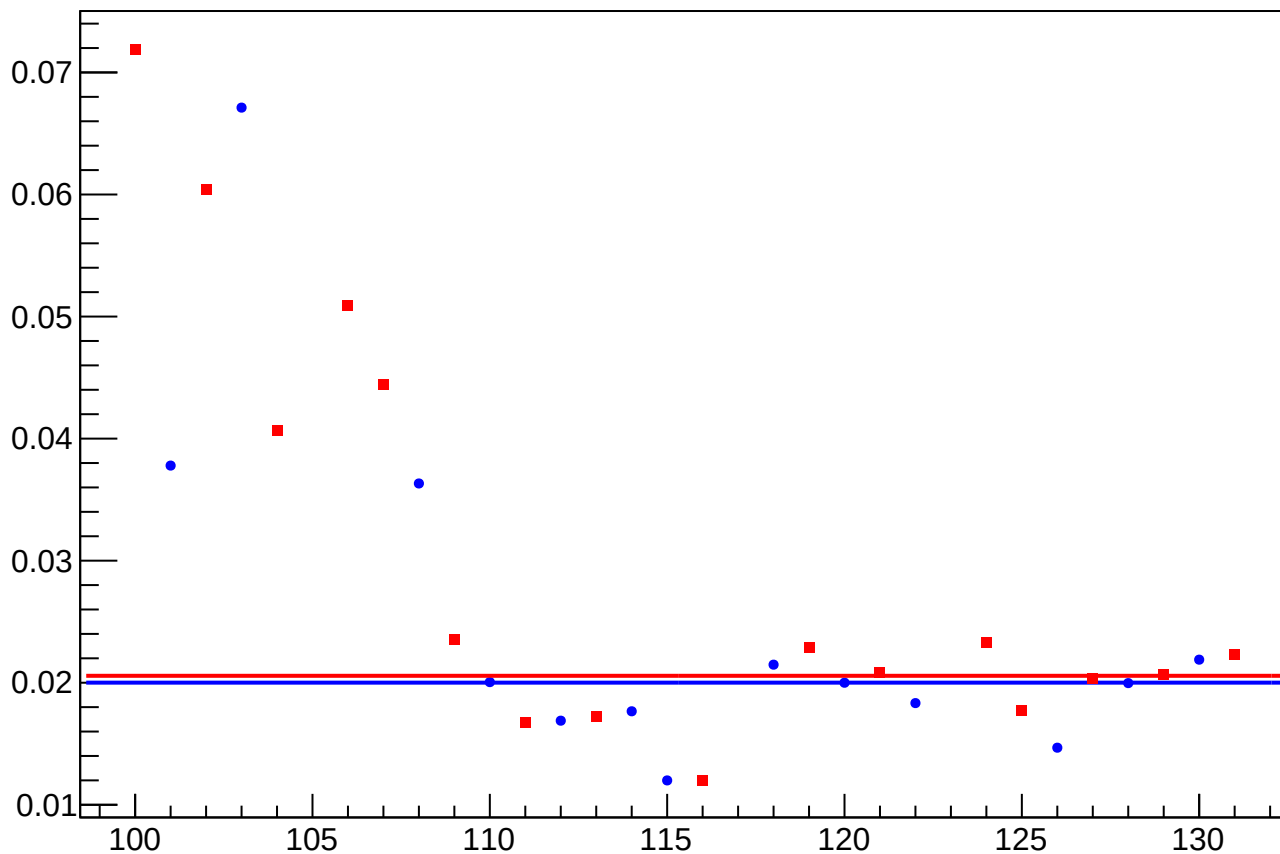
Right: -0.109+/-0.000 χ^2/NDF : 216143231.2/28

In: -0.101+/-0.000 χ^2/NDF :106088906.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.109+/-0.000 χ^2/NDF : 216143231.2/28

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1163309.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1372588.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

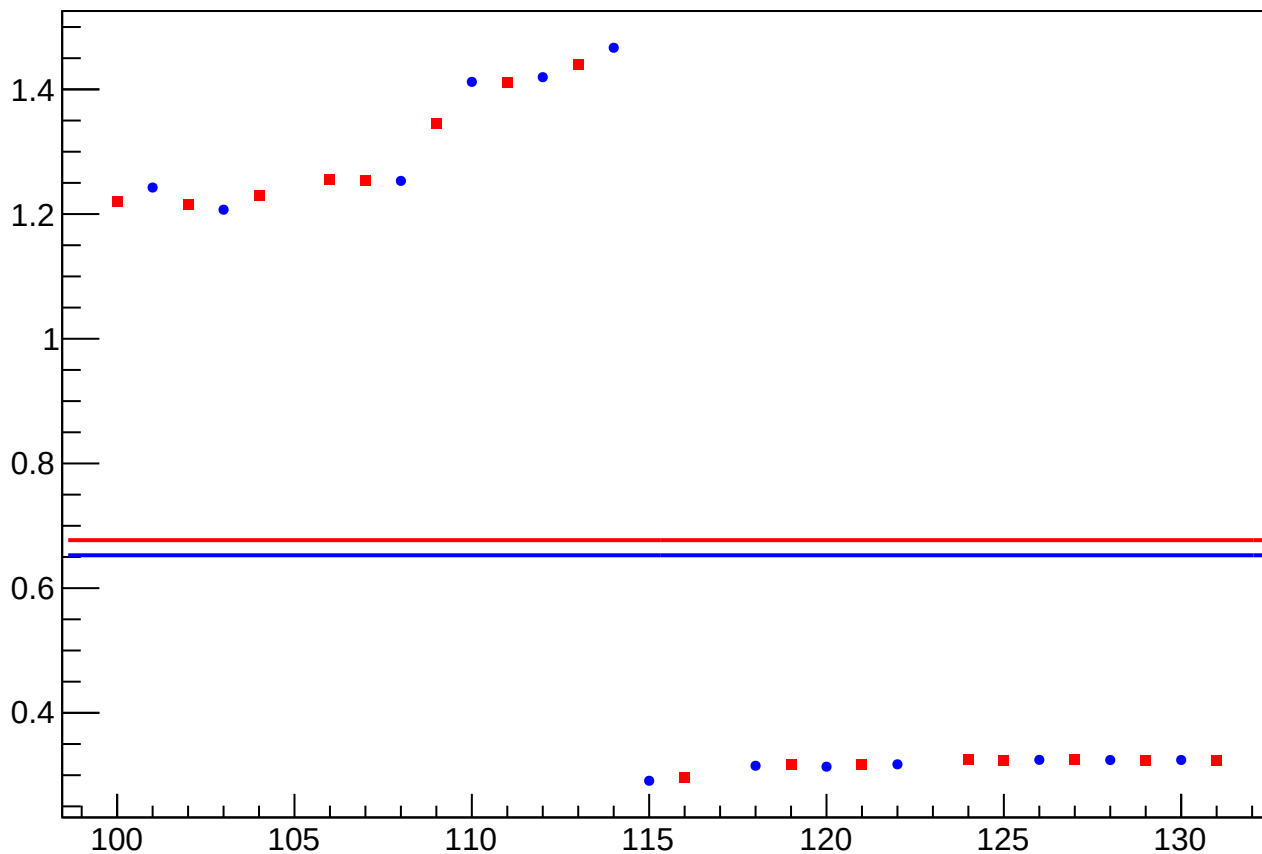
Right: 0.020+/-0.000 χ^2/NDF : 2539197.9/28

In: 0.020+/-0.000 χ^2/NDF :1163309.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2539197.9/28

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.653+/-0.000

χ^2/NDF : 5111610999.4/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.665+/-0.000 χ^2/NDF : 10675394502.4/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.653+/-0.000 χ^2/NDF : 5111610999.4/12

Right Out: 0.677+/-0.000

χ^2/NDF : 5556110342.1/15

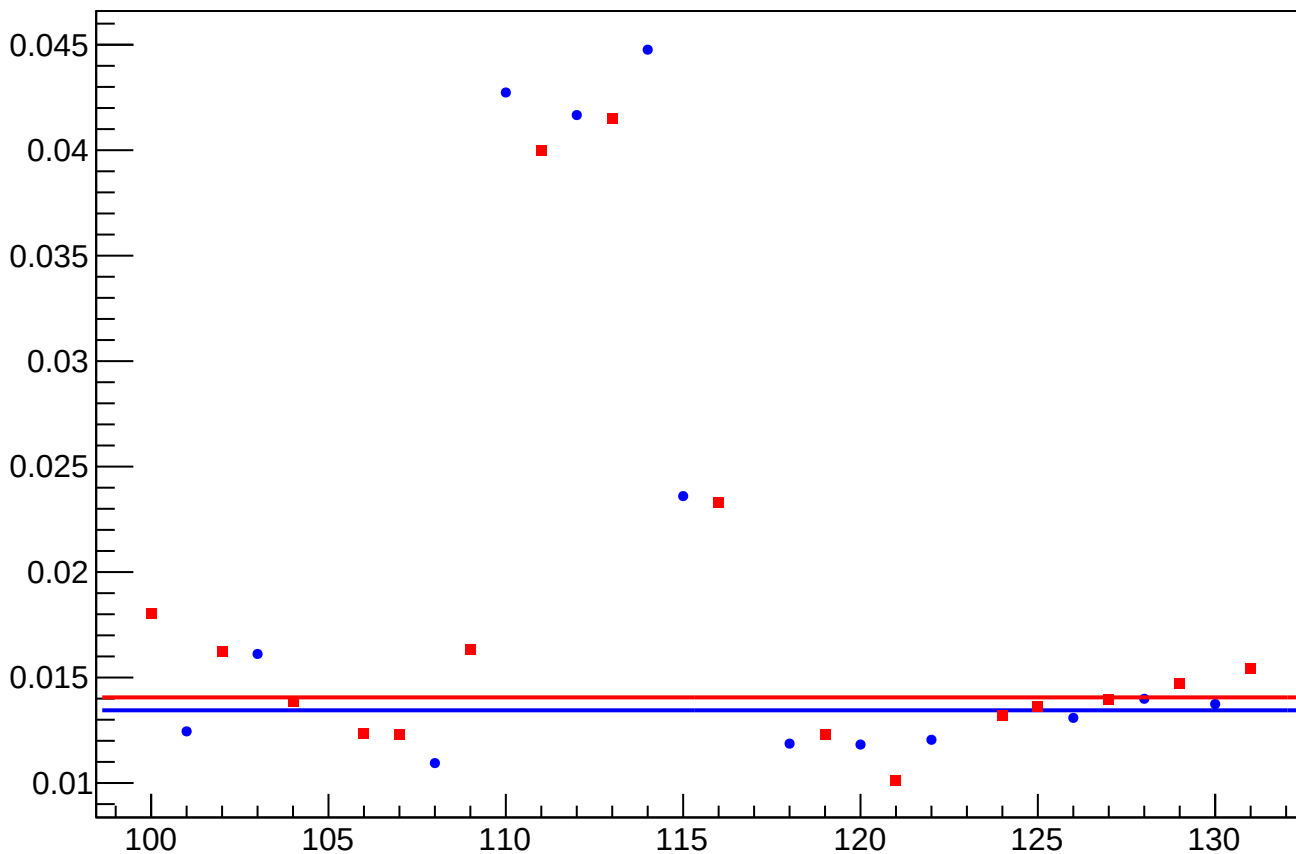
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.665+/-0.000 χ^2/NDF : 10675394502.4/28

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 1006475.6/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 1039381.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 2055659.2/28

In: 0.013+/-0.000

χ^2/NDF : 1006475.6/12

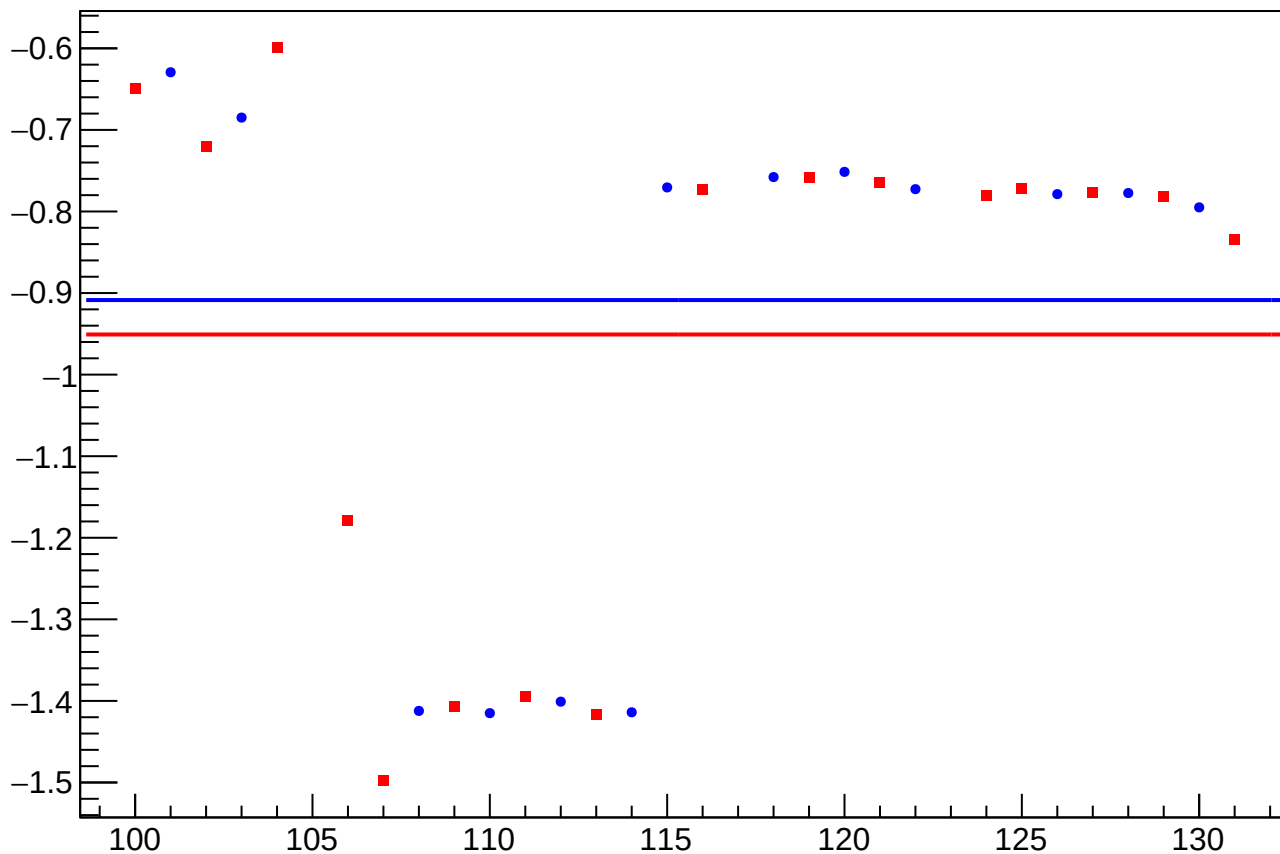
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 2055659.2/28

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.909+/-0.000 χ^2/NDF : 586143077.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.951+/-0.000 χ^2/NDF : 670743512.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

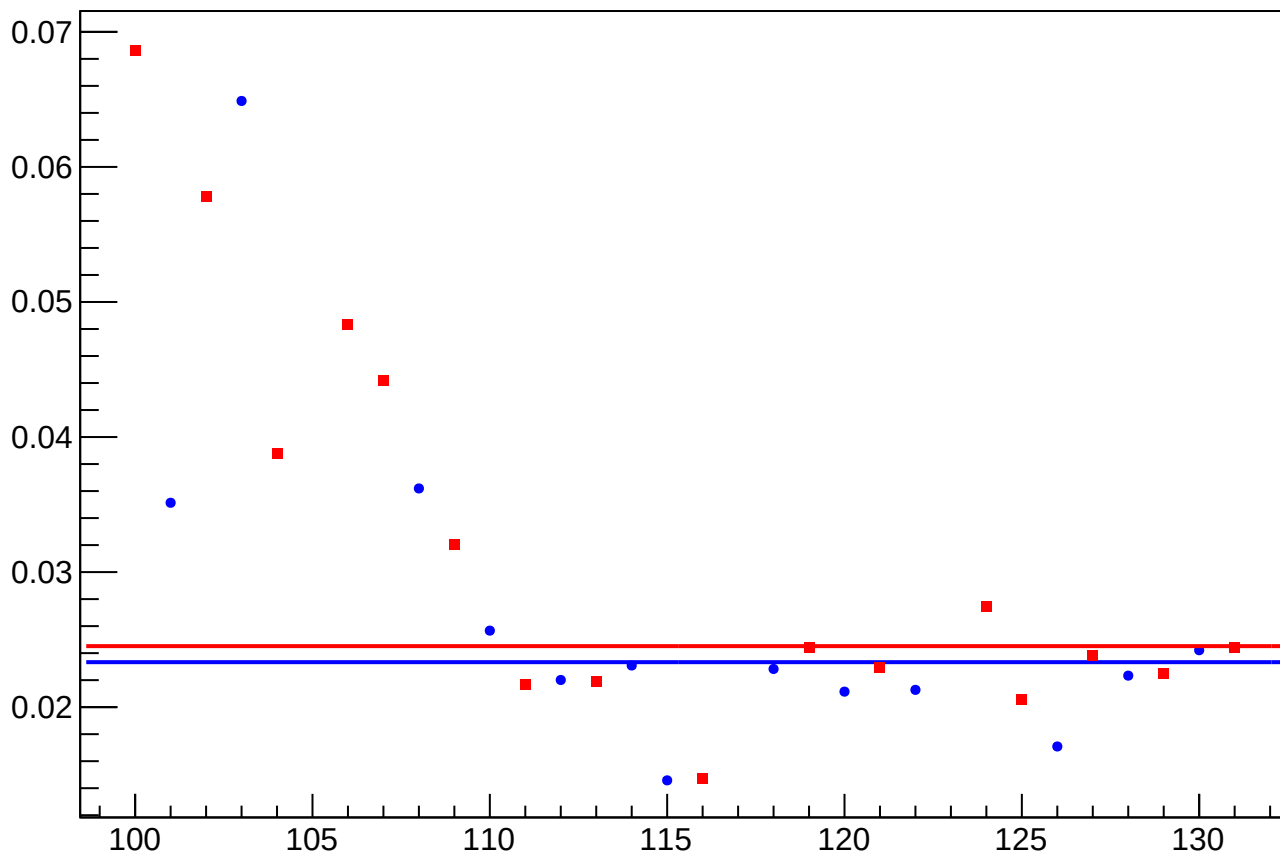
Right: -0.930+/-0.000 χ^2/NDF : 1263836851.2/28

In: -0.909+/-0.000 χ^2/NDF :586143077.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.930+/-0.000 χ^2/NDF : 1263836851.2/28

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 851284.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1018690.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

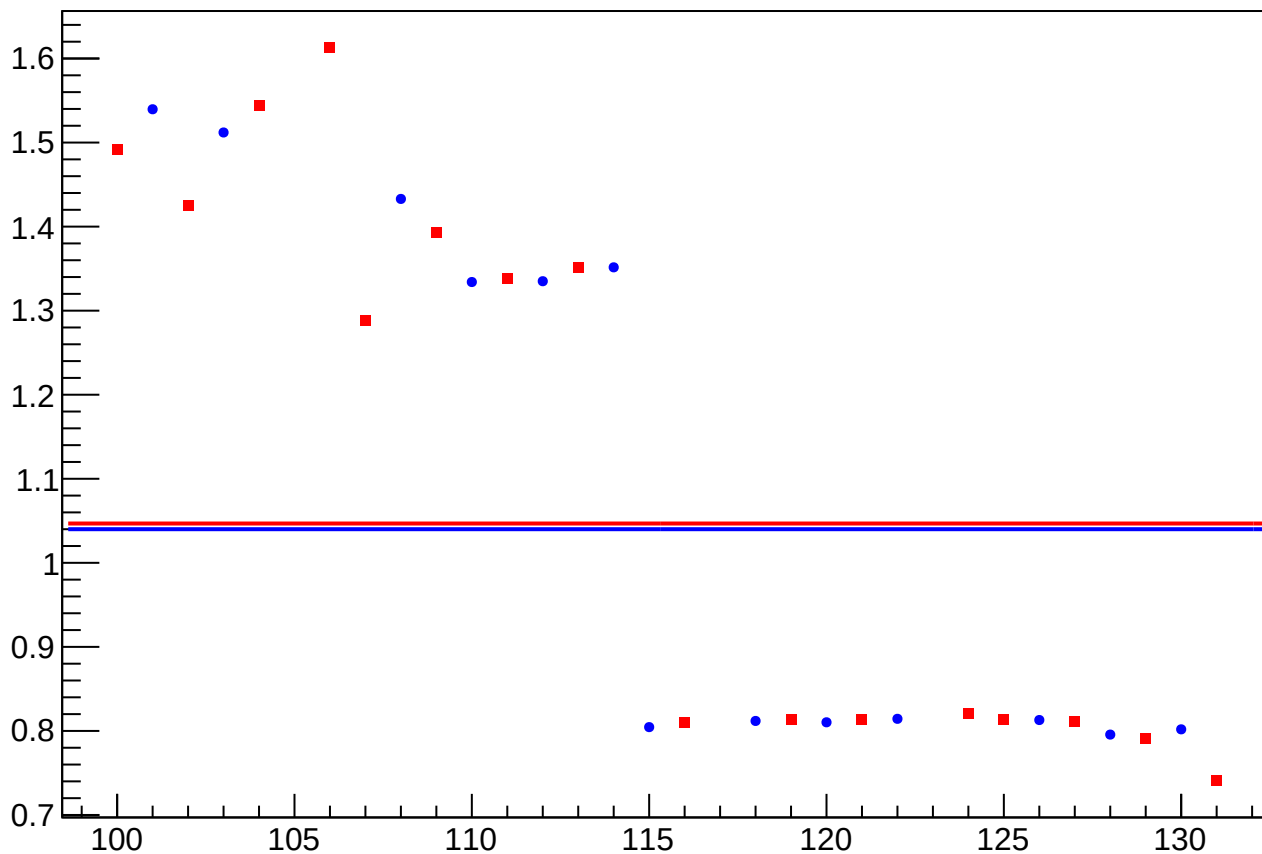
Right: 0.024+/-0.000 χ^2/NDF : 1880982.3/28

In: 0.023+/-0.000 χ^2/NDF : 851284.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1880982.3/28

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.040+/-0.000 χ^2/NDF : 1788540469.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.047+/-0.000 χ^2/NDF : 1959680273.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

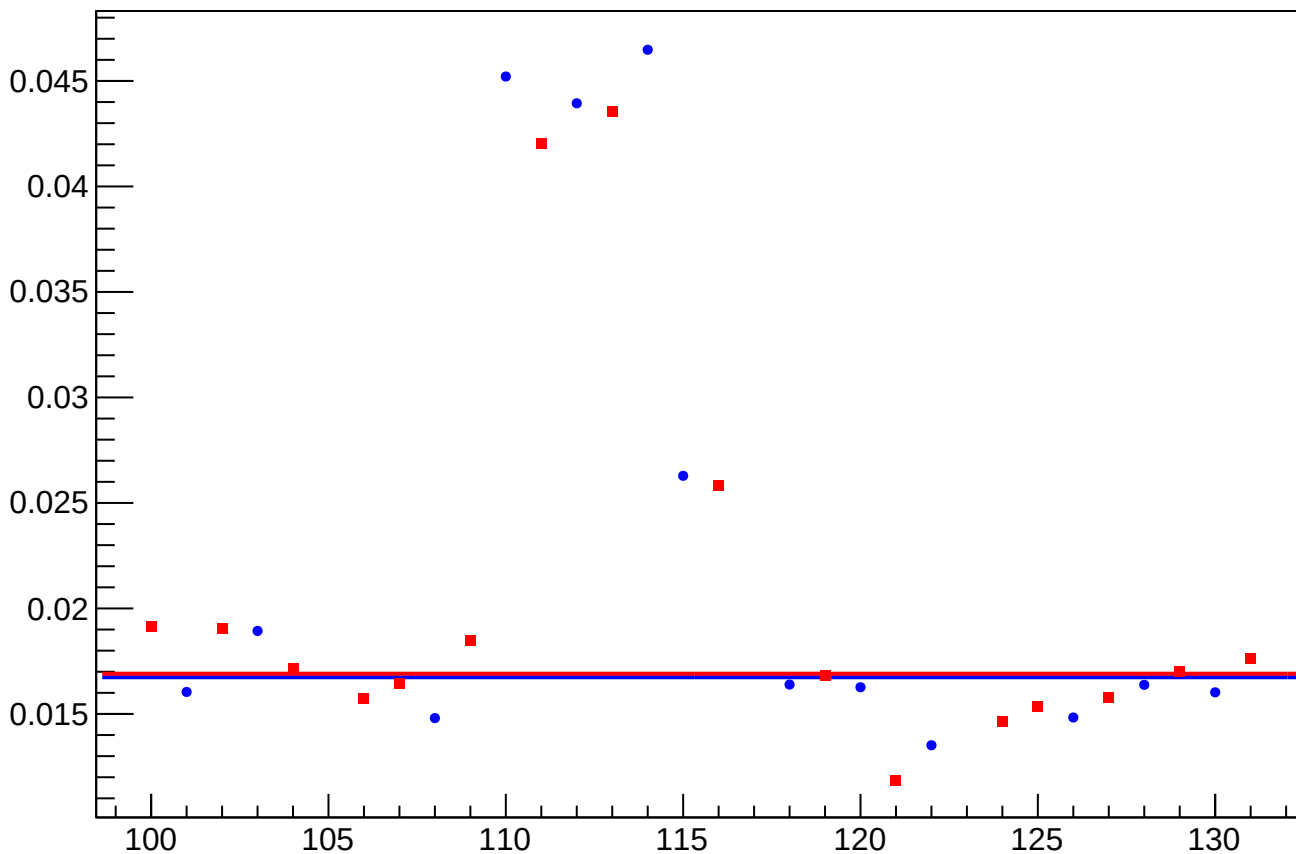
Right: 1.044+/-0.000 χ^2/NDF : 3748627301.4/28

In: 1.040+/-0.000 χ^2/NDF : 1788540469.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.044+/-0.000 χ^2/NDF : 3748627301.4/28

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 835084.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 894957.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

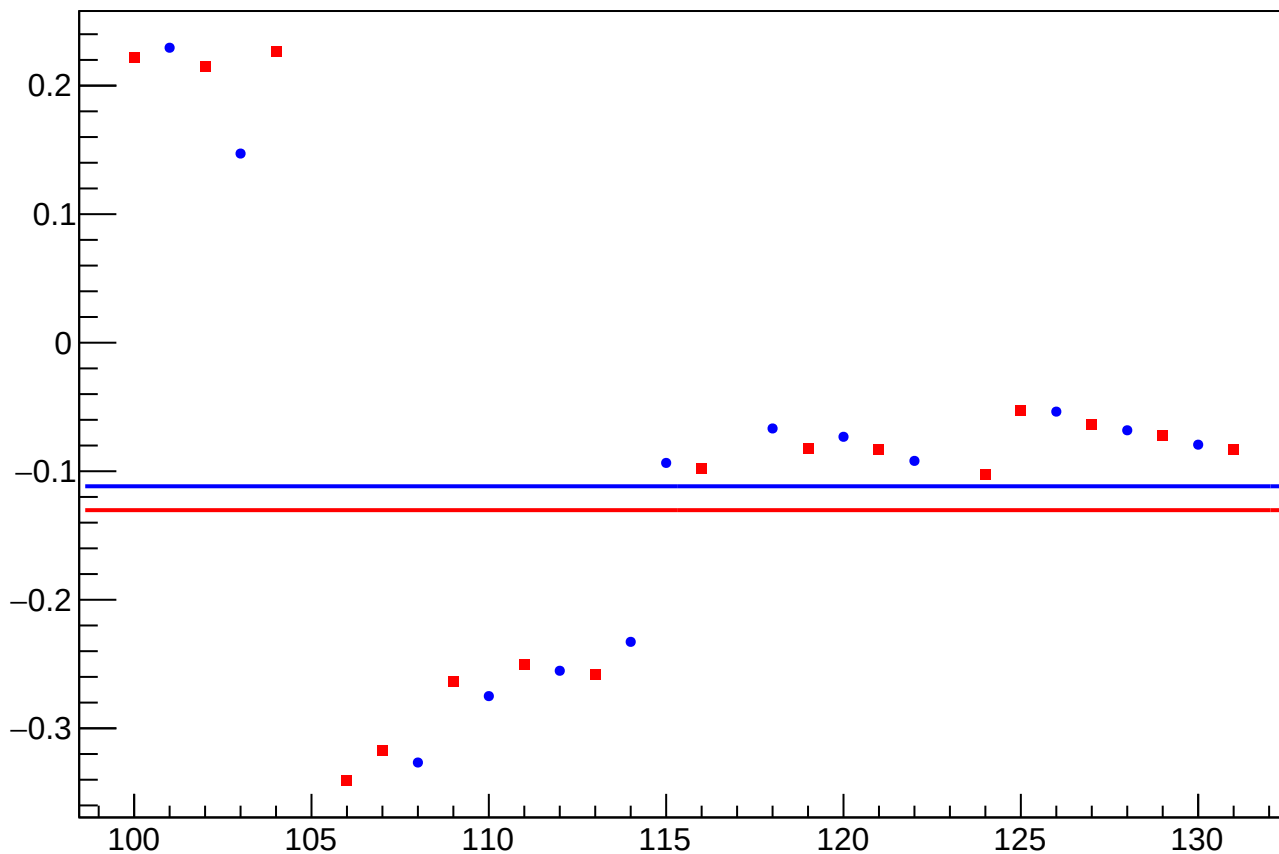
Right: 0.017+/-0.000 χ^2/NDF : 1730552.7/28

In: 0.017+/-0.000 χ^2/NDF :835084.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1730552.7/28

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.112+/-0.000 χ^2/NDF : 130687941.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.130+/-0.000 χ^2/NDF : 132144075.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

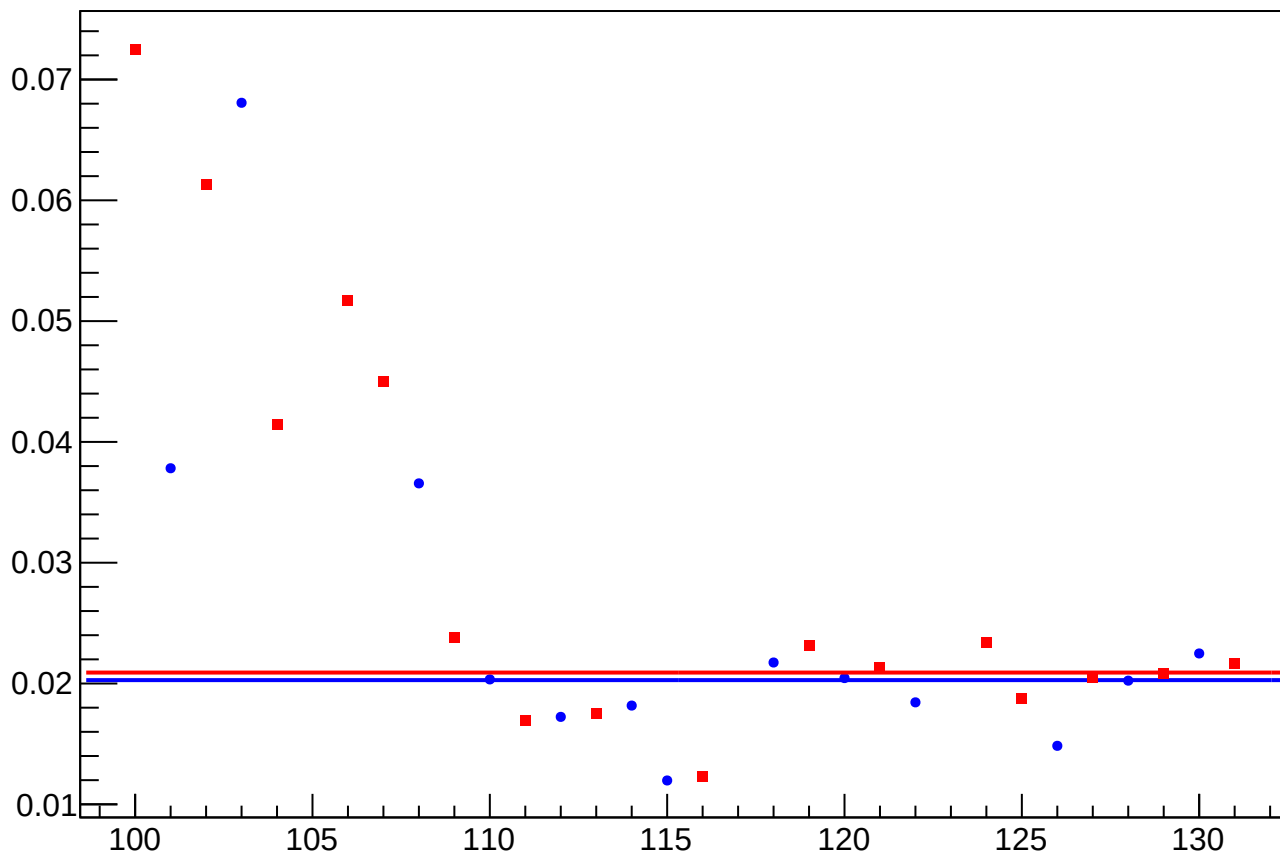
Right: -0.121+/-0.000 χ^2/NDF : 264593794.1/28

In: -0.112+/-0.000 χ^2/NDF :130687941.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.121+/-0.000 χ^2/NDF : 264593794.1/28

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1157688.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1354639.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

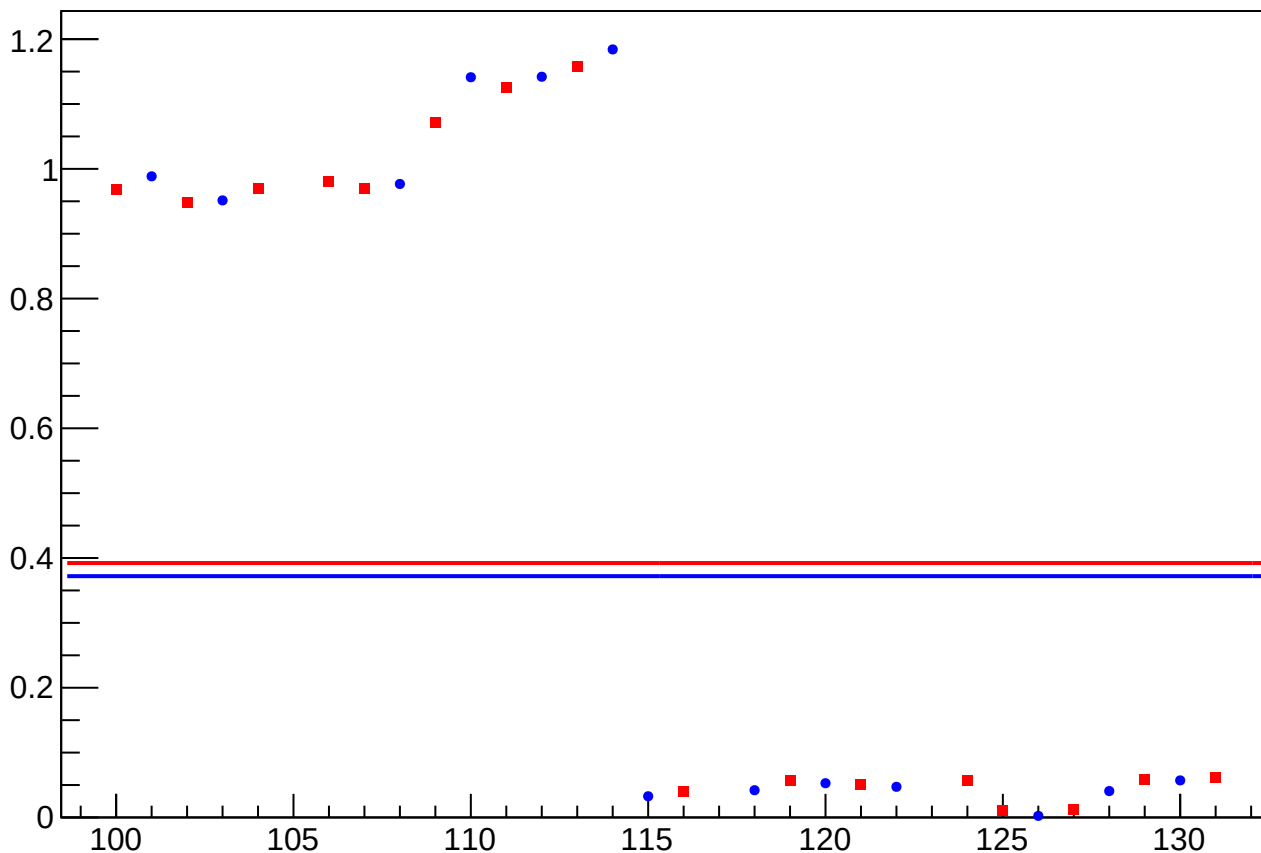
Right: 0.021+/-0.000 χ^2/NDF : 2516325.5/28

In: 0.020+/-0.000 χ^2/NDF : 1157688.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2516325.5/28

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.372+/-0.000

χ^2/NDF : 5334343198.7/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.392+/-0.000

χ^2/NDF : 5658558385.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.382+/-0.000

χ^2/NDF : 10998351360.9/28

In: 0.372+/-0.000

χ^2/NDF : 5334343198.7/12

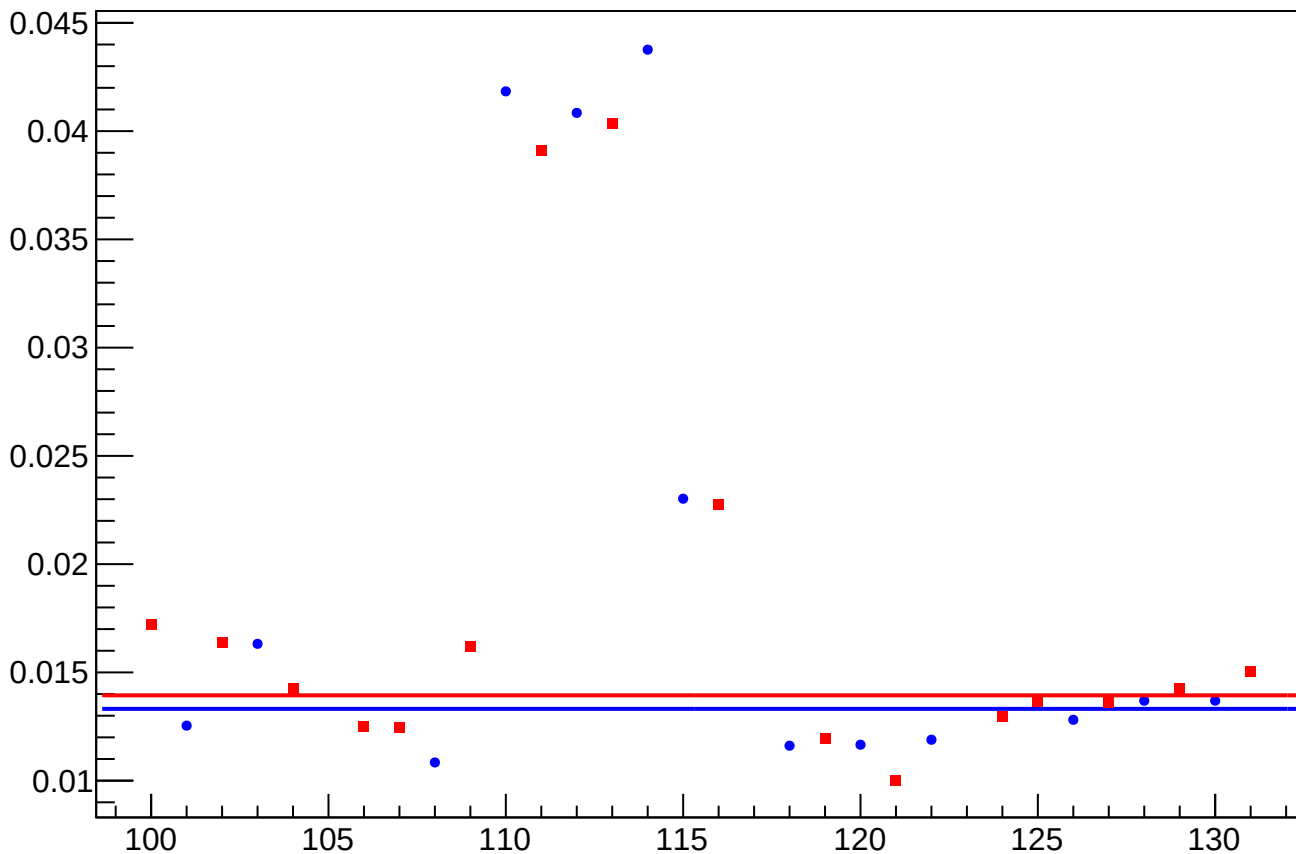
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.382+/-0.000

χ^2/NDF : 10998351360.9/28

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1006649.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1029020.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

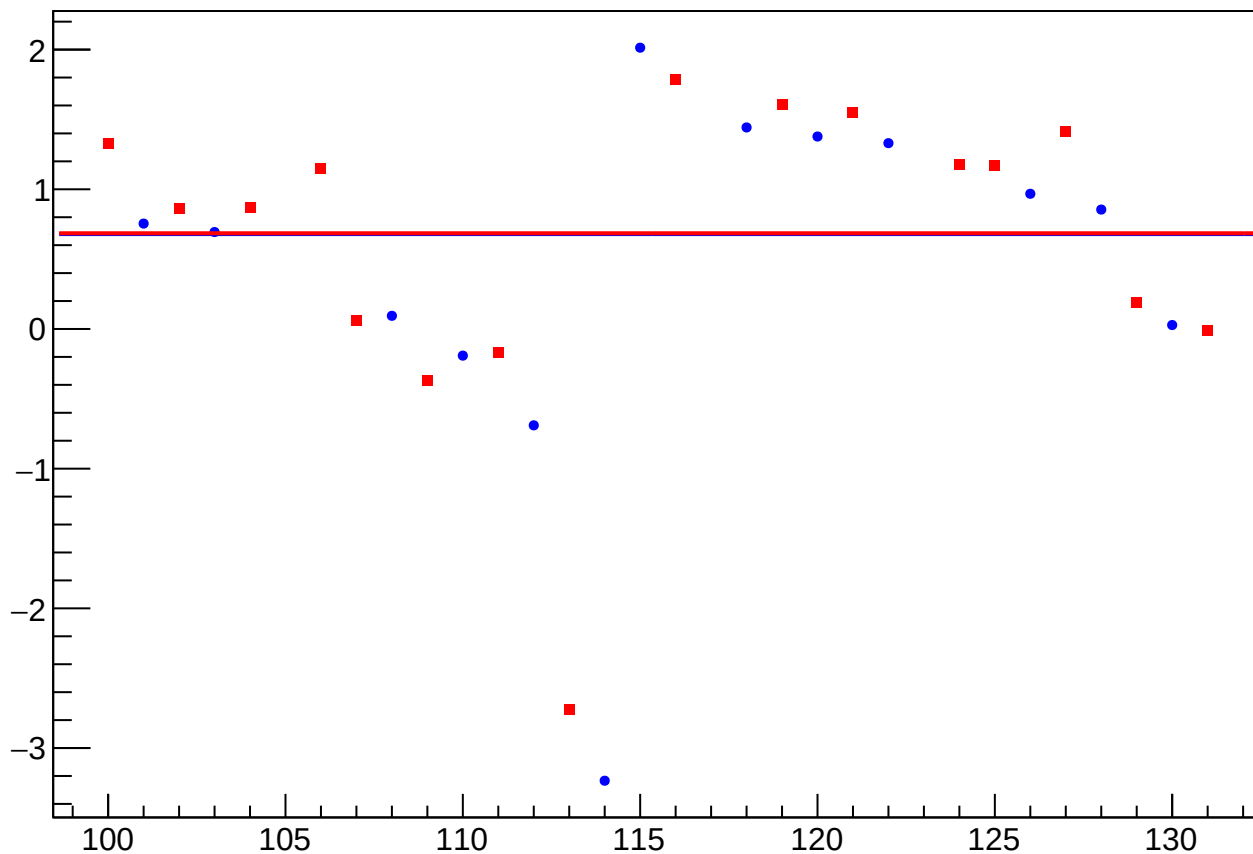
Right: 0.014+/-0.000 χ^2/NDF : 2046076.6/28

In: 0.013+/-0.000 χ^2/NDF : 1006649.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2046076.6/28

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.679+/-0.000

χ^2/NDF : 400025806.3/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.682+/-0.000

χ^2/NDF : 1505595734.3/28

Right Out: 0.685+/-0.000

χ^2/NDF : 1105544057.2/15

In: 0.679+/-0.000

χ^2/NDF : 400025806.3/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

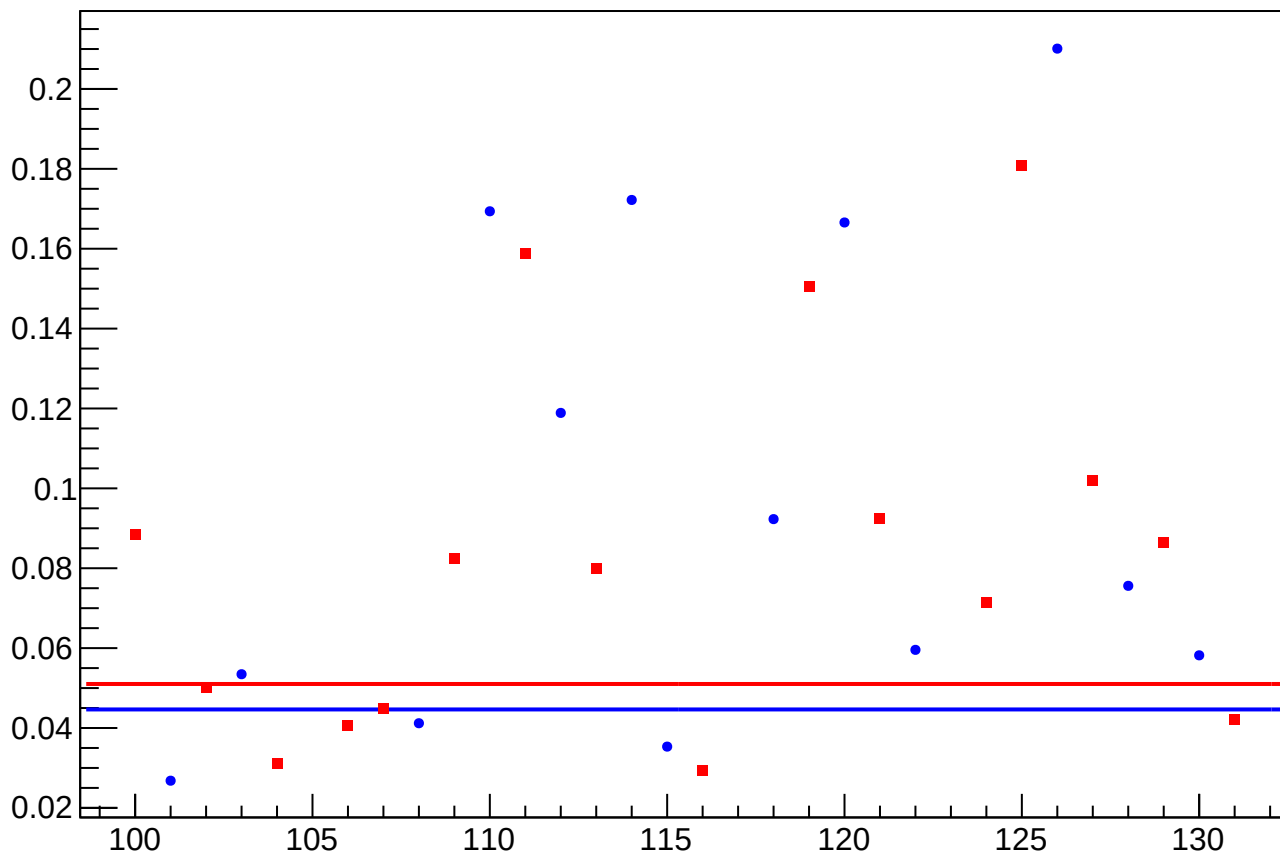
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.682+/-0.000

χ^2/NDF : 1505595734.3/28

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2562133.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 2297416.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

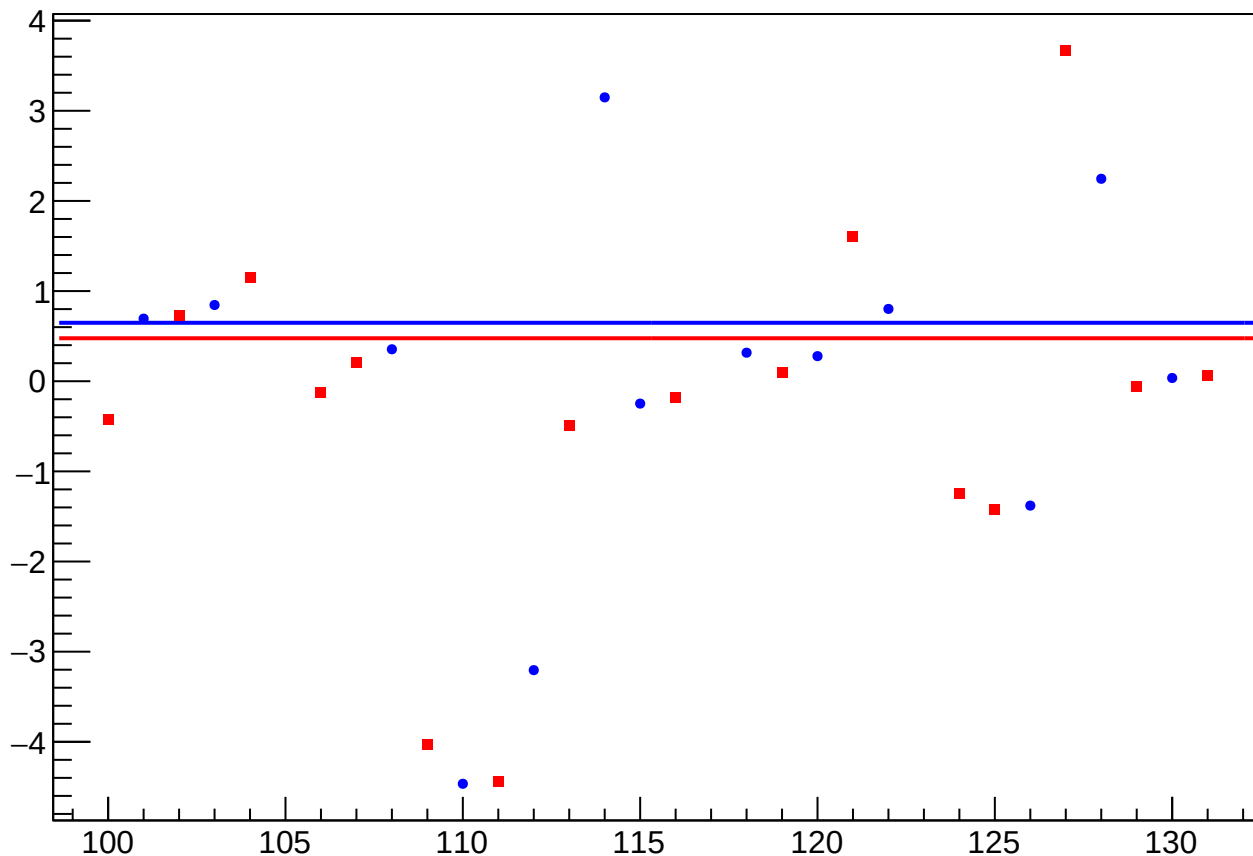
Right: 0.048+/-0.000 χ^2/NDF : 4919334.1/28

In: 0.045+/-0.000 χ^2/NDF : 2562133.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.000 χ^2/NDF : 4919334.1/28

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.648+/-0.000 χ^2/NDF : 1746563132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.477+/-0.000 χ^2/NDF : 4476748326.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

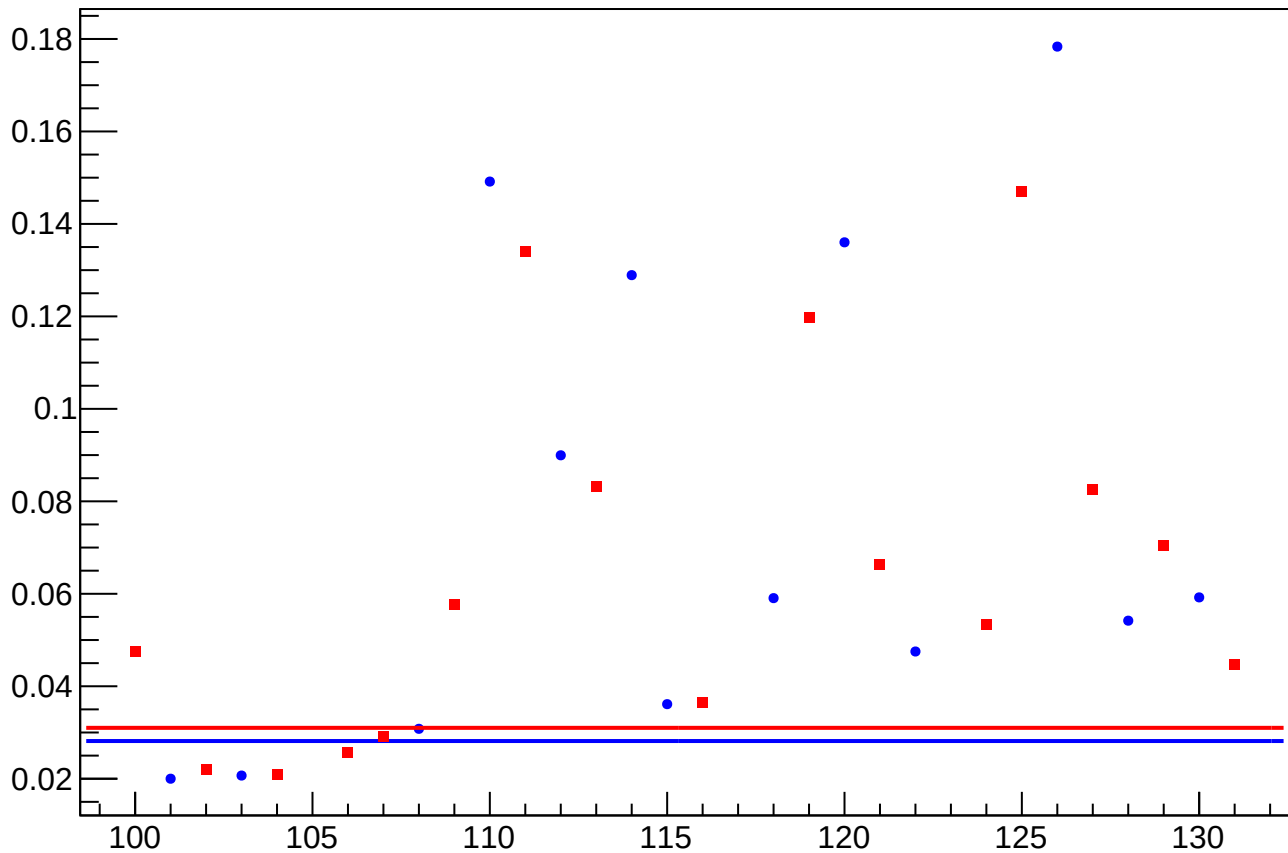
Right: 0.563+/-0.000 χ^2/NDF : 6276476244.6/28

In: 0.648+/-0.000 χ^2/NDF :1746563132.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.563+/-0.000 χ^2/NDF : 6276476244.6/28

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 2879792.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 3067460.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

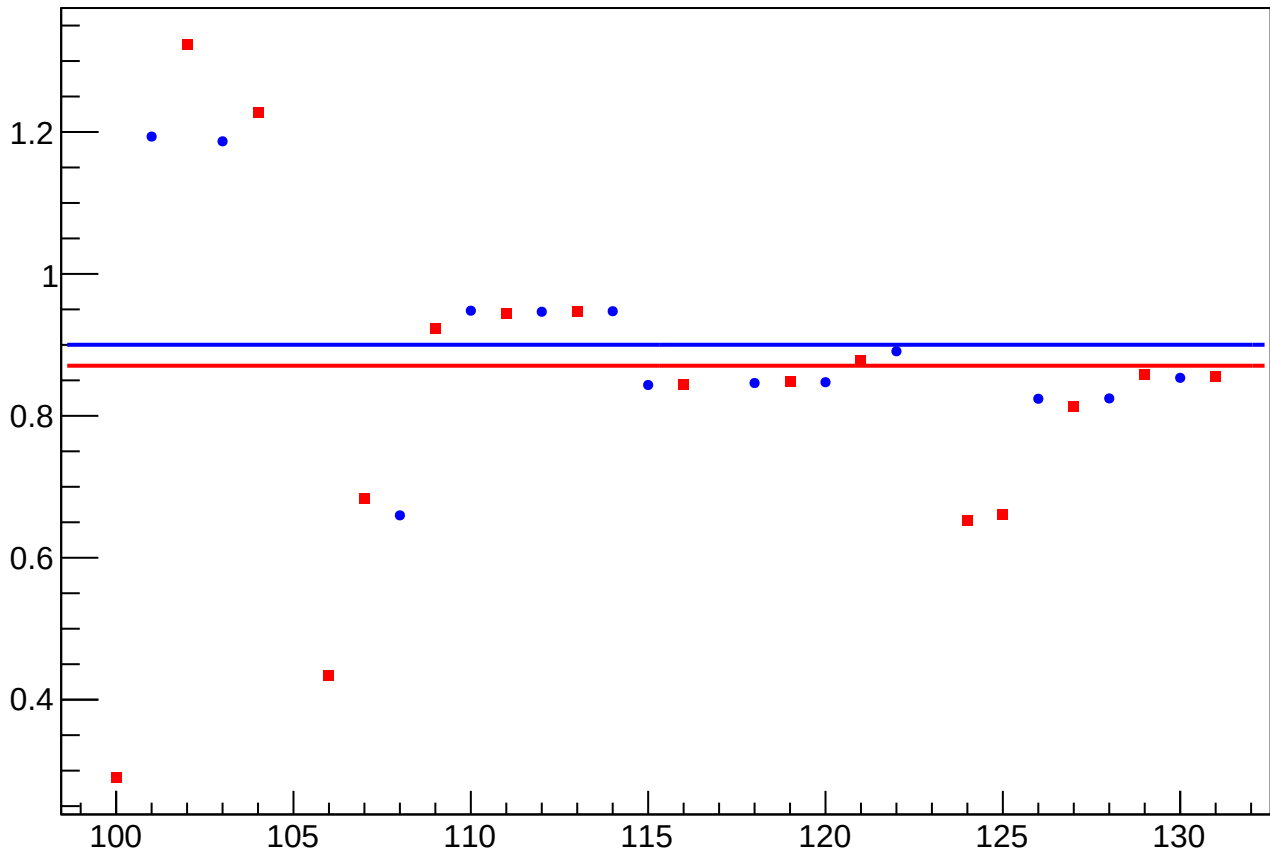
Right: 0.030+/-0.000 χ^2/NDF : 5976683.1/28

In: 0.028+/-0.000 χ^2/NDF : 2879792.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 5976683.1/28

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.900+/-0.000 χ^2/NDF : 341303283.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.871+/-0.000 χ^2/NDF : 602671173.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

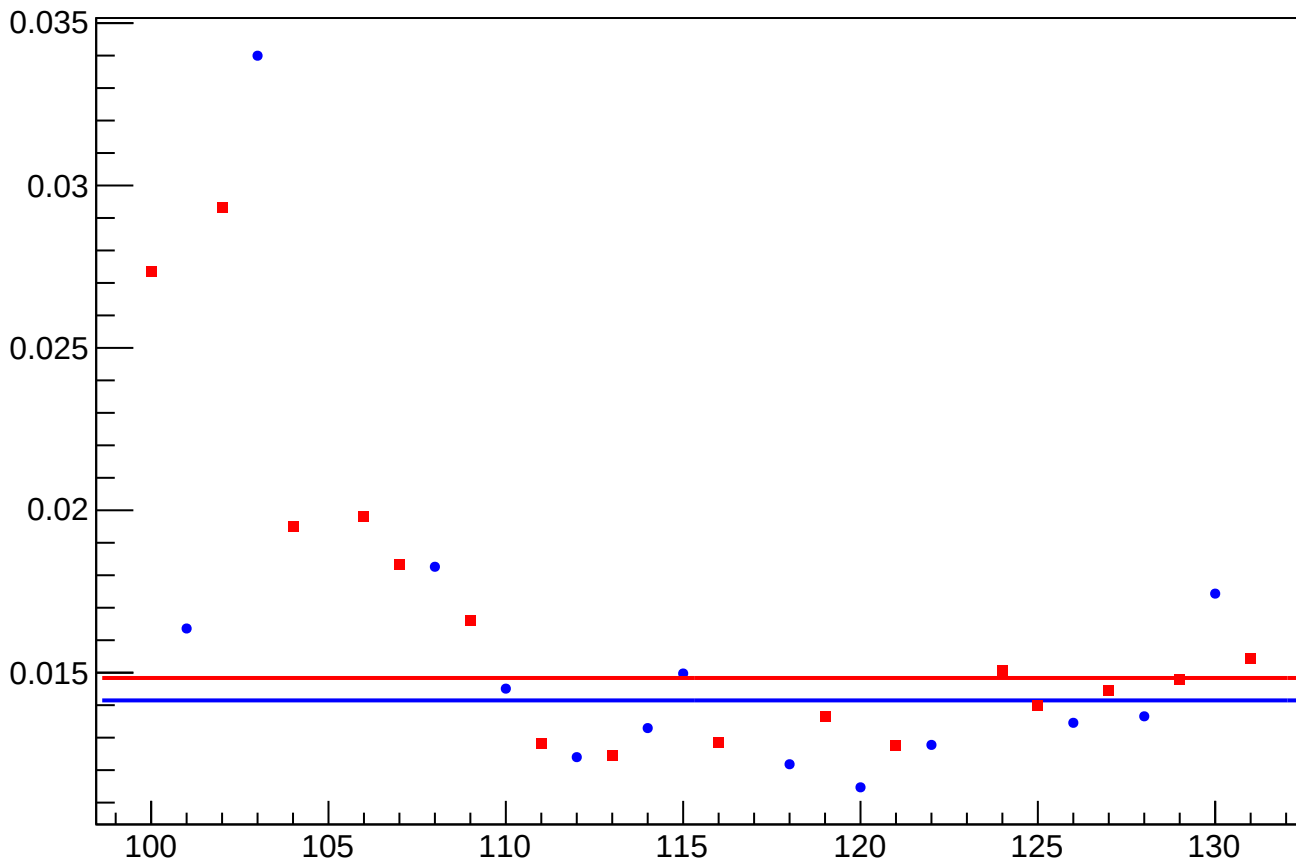
Right: 0.885+/-0.000 χ^2/NDF : 954378455.6/28

In: 0.900+/-0.000 χ^2/NDF :341303283.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.885+/-0.000 χ^2/NDF : 954378455.6/28

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 566001.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 503632.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

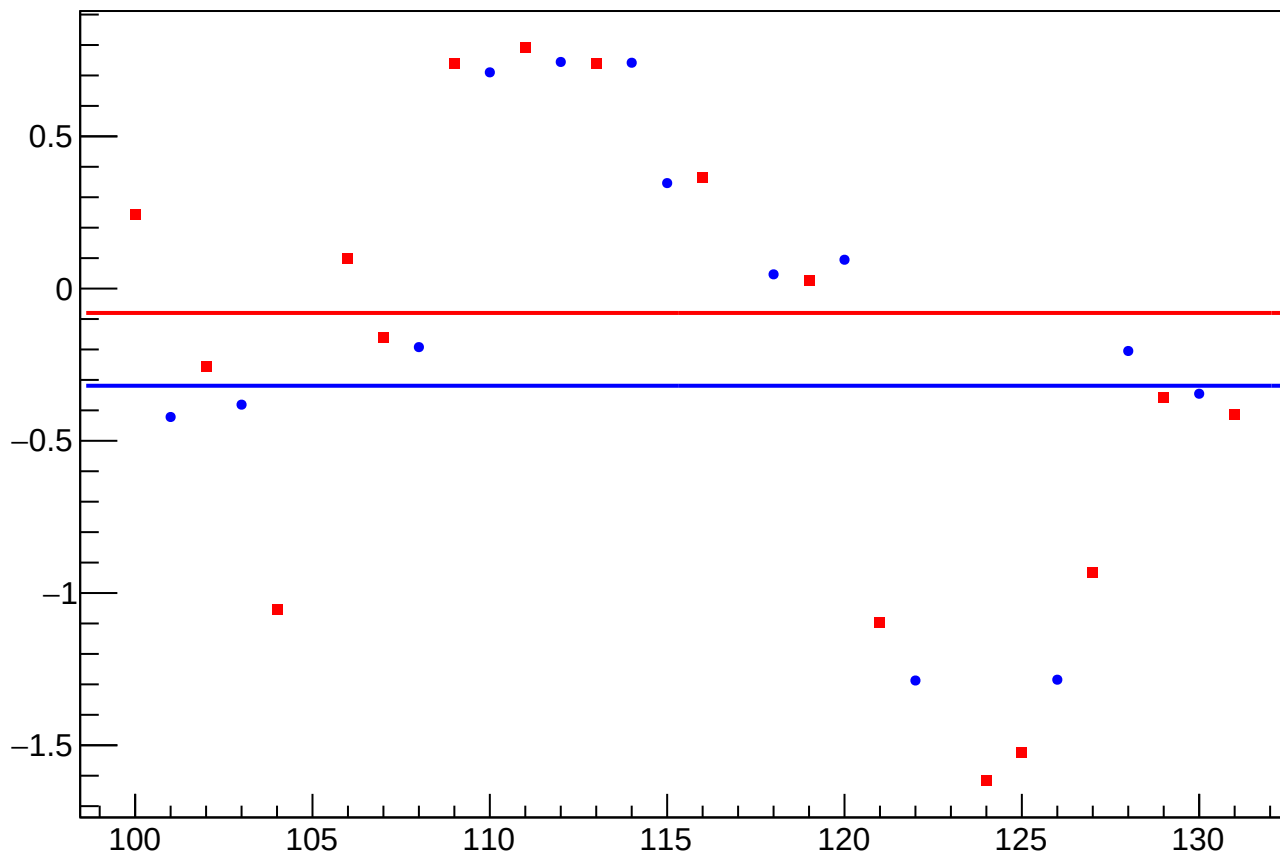
Right: 0.014+/-0.000 χ^2/NDF : 1081010.6/28

In: 0.014+/-0.000 χ^2/NDF : 566001.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1081010.6/28

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.319+/-0.000 χ^2/NDF : 5442093621.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.080+/-0.000 χ^2/NDF : 14637912023.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

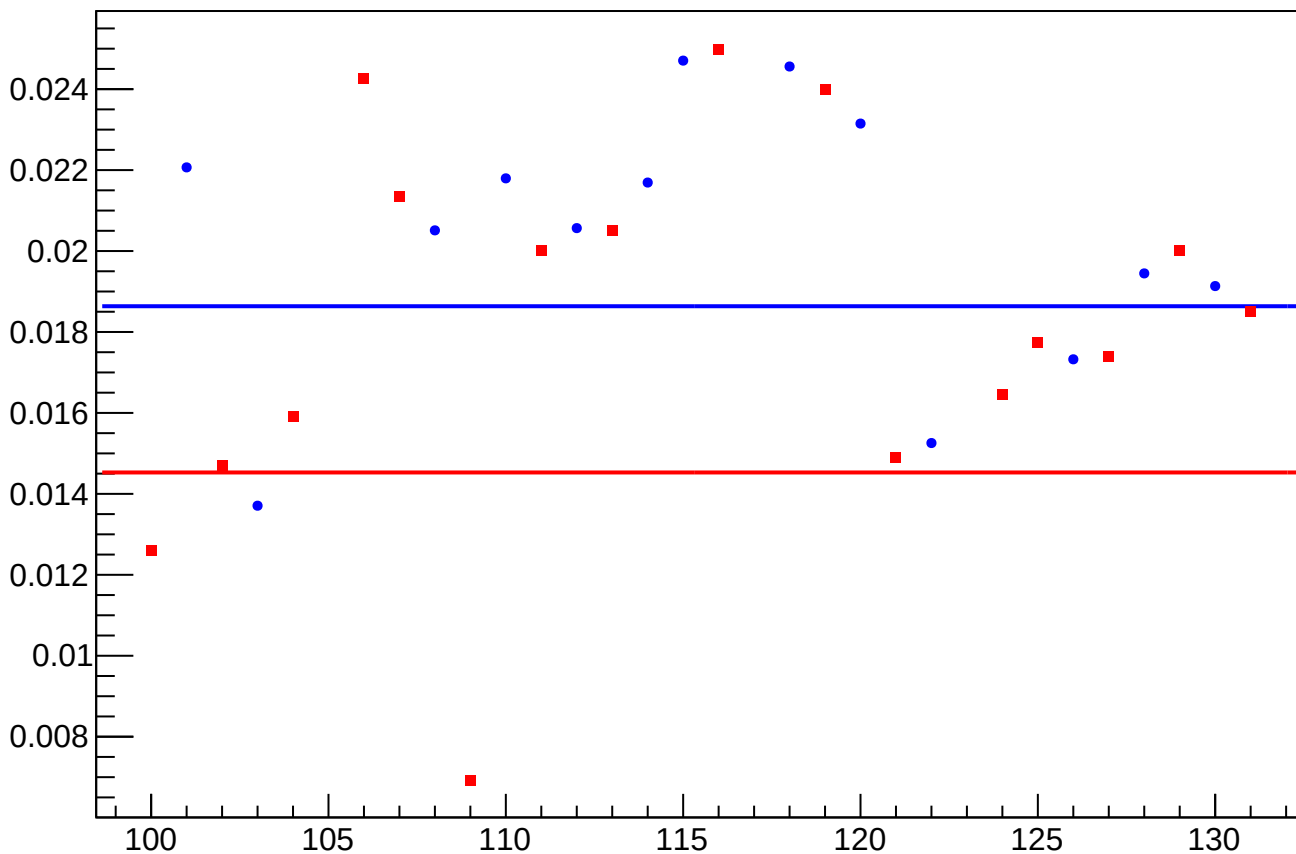
Right: -0.171+/-0.000 χ^2/NDF : 20580804373.2/28

In: -0.319+/-0.000 χ^2/NDF :5442093621.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.171+/-0.000 χ^2/NDF : 20580804373.2/28

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 349984.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1493215.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

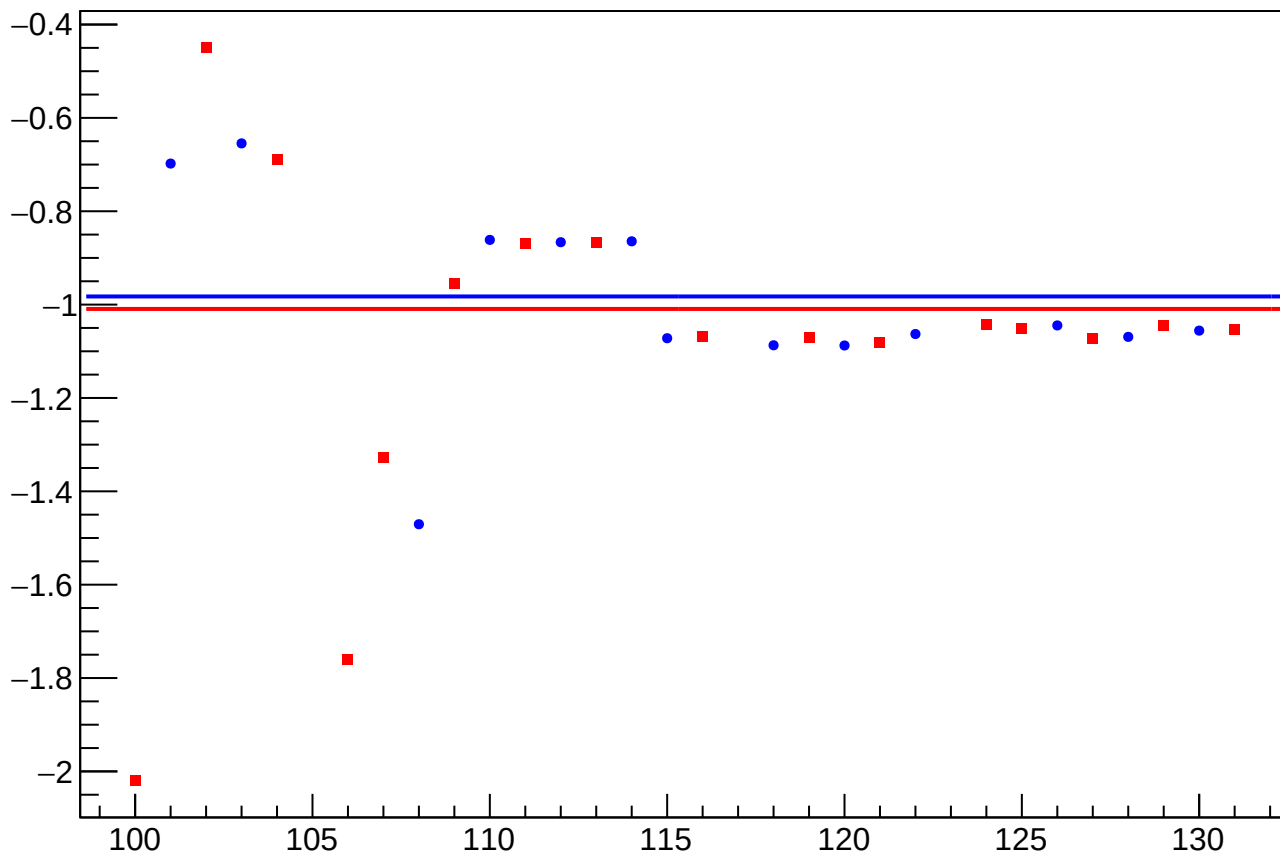
Right: 0.016+/-0.000 χ^2/NDF : 2138741.0/28

In: 0.019+/-0.000 χ^2/NDF :349984.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2138741.0/28

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.983+/-0.000 χ^2/NDF : 134949676.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.009+/-0.000 χ^2/NDF : 239398533.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

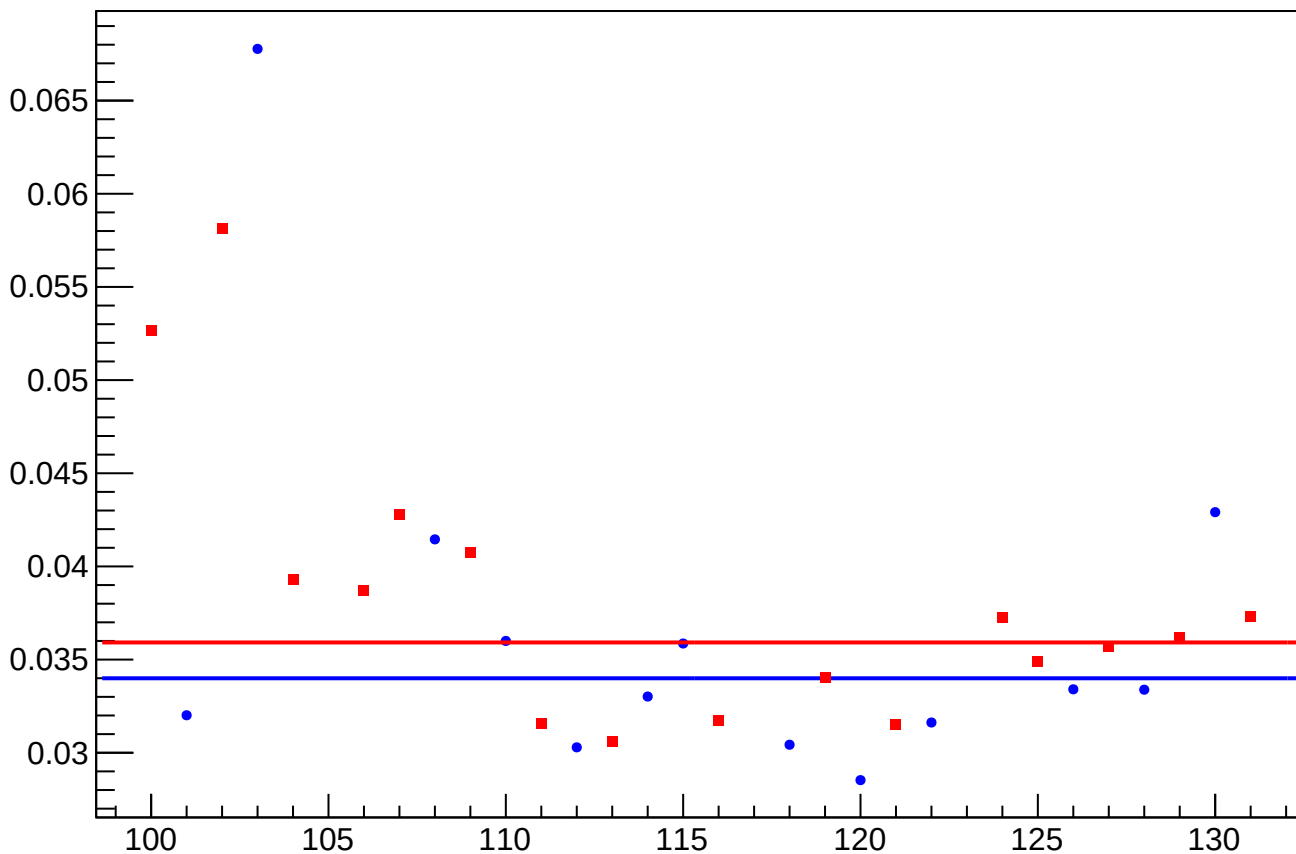
Right: -0.996+/-0.000 χ^2/NDF : 375831649.0/28

In: -0.983+/-0.000 χ^2/NDF :134949676.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.996+/-0.000 χ^2/NDF : 375831649.0/28

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 400241.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 275213.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

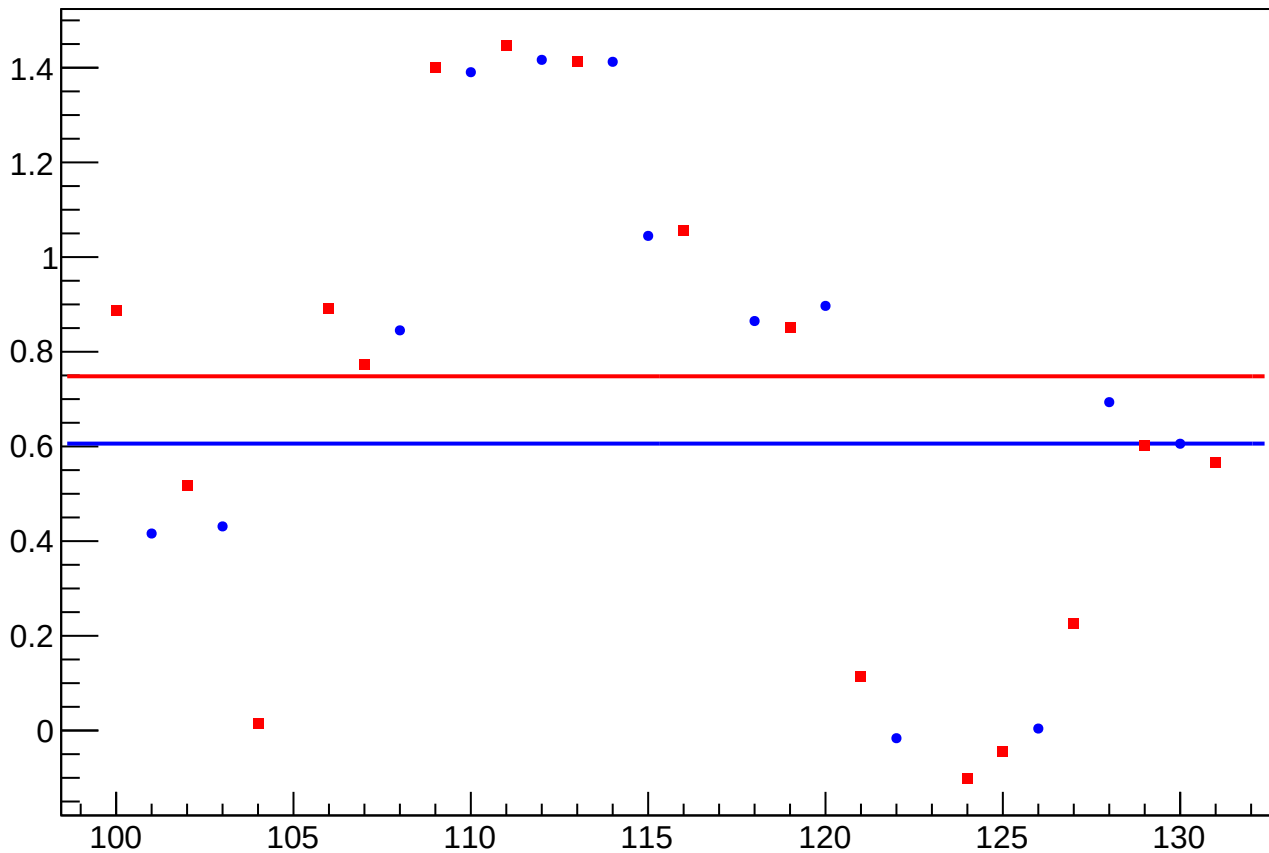
Right: 0.035+/-0.000 χ^2/NDF : 690804.9/28

In: 0.034+/-0.000 χ^2/NDF :400241.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 690804.9/28

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.606+/-0.000 χ^2/NDF : 6292420791.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.748+/-0.000 χ^2/NDF : 13904268674.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

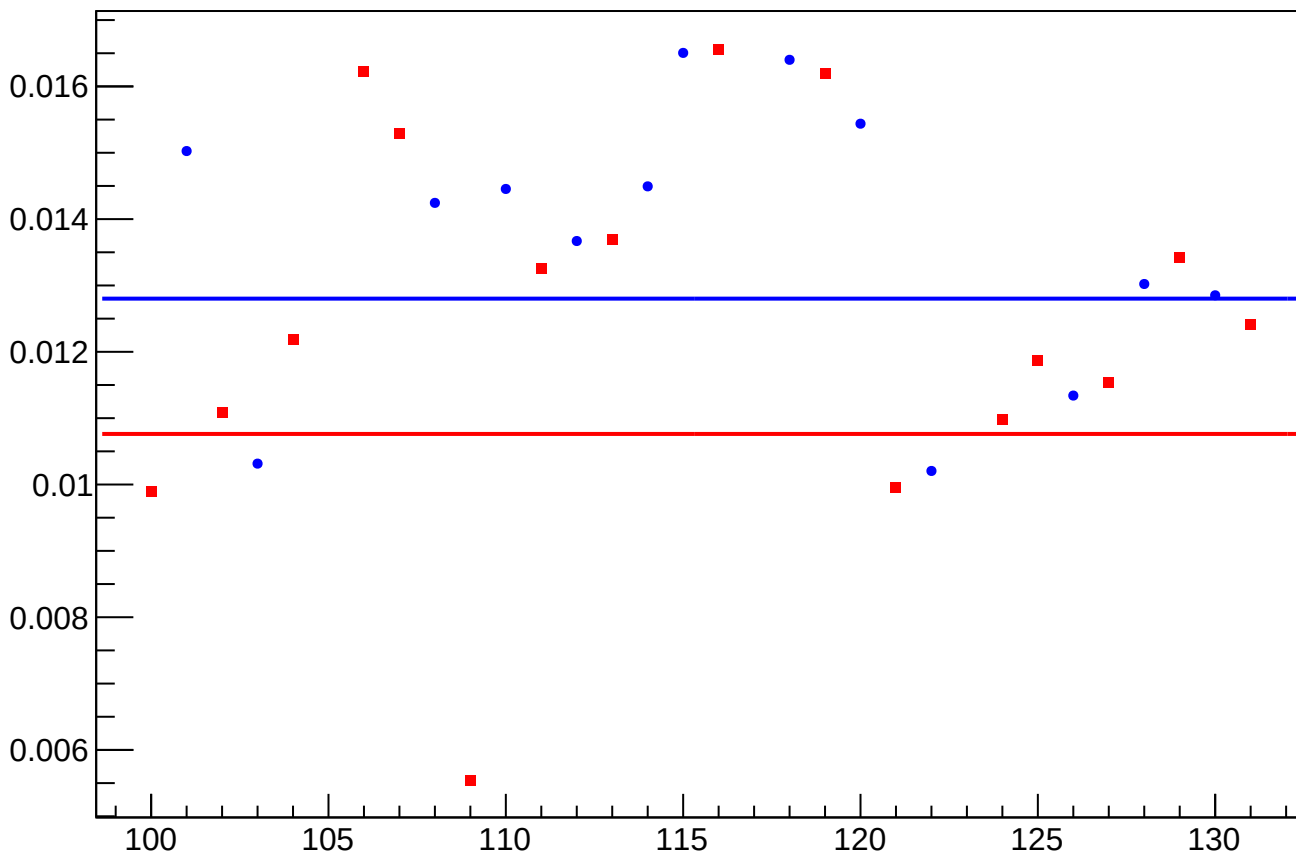
Right: 0.691+/-0.000 χ^2/NDF : 20559832461.7/28

In: 0.606+/-0.000 χ^2/NDF :6292420791.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.691+/-0.000 χ^2/NDF : 20559832461.7/28

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 258294.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1012905.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

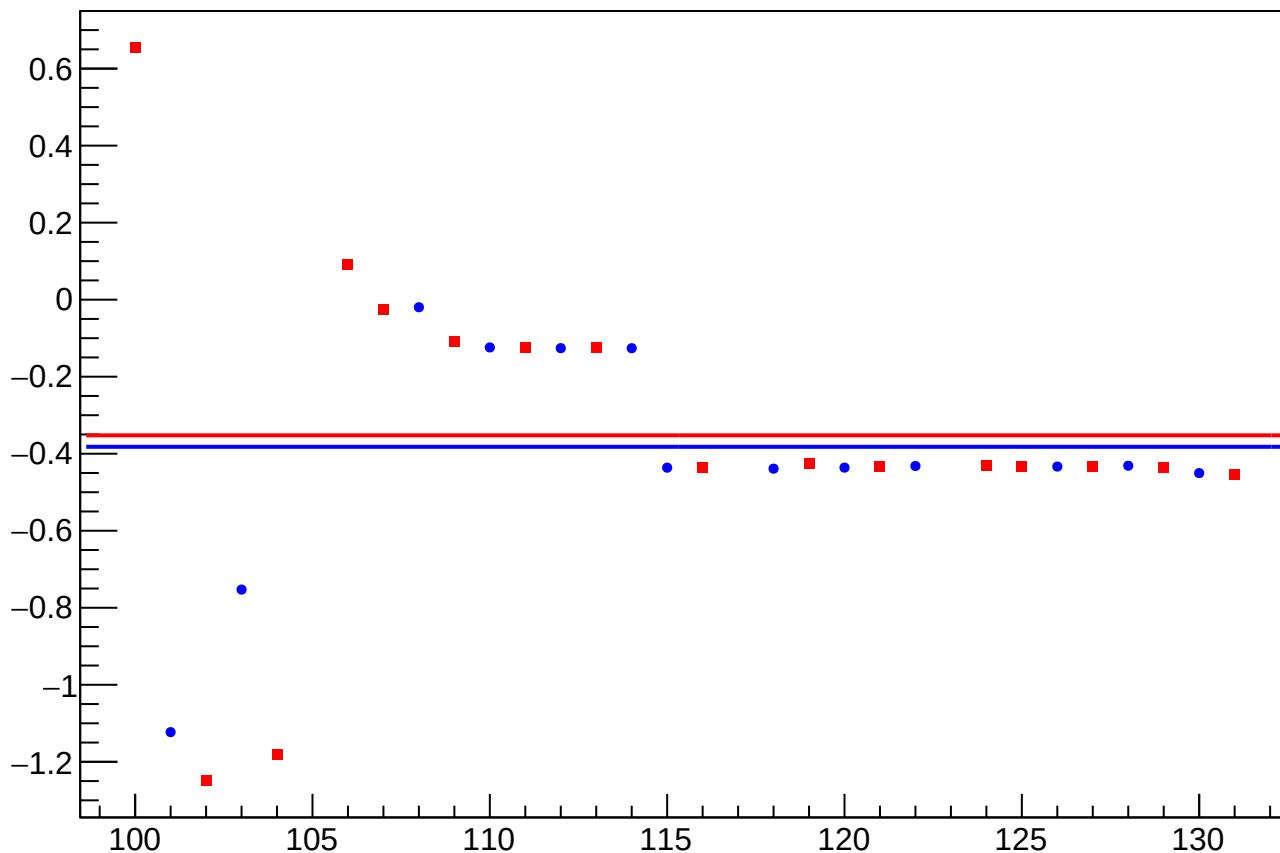
Right: 0.012+/-0.000 χ^2/NDF : 1420621.4/28

In: 0.013+/-0.000 χ^2/NDF :258294.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1420621.4/28

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.382+/-0.000 χ^2/NDF : 676706382.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.352+/-0.000 χ^2/NDF : 762194630.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

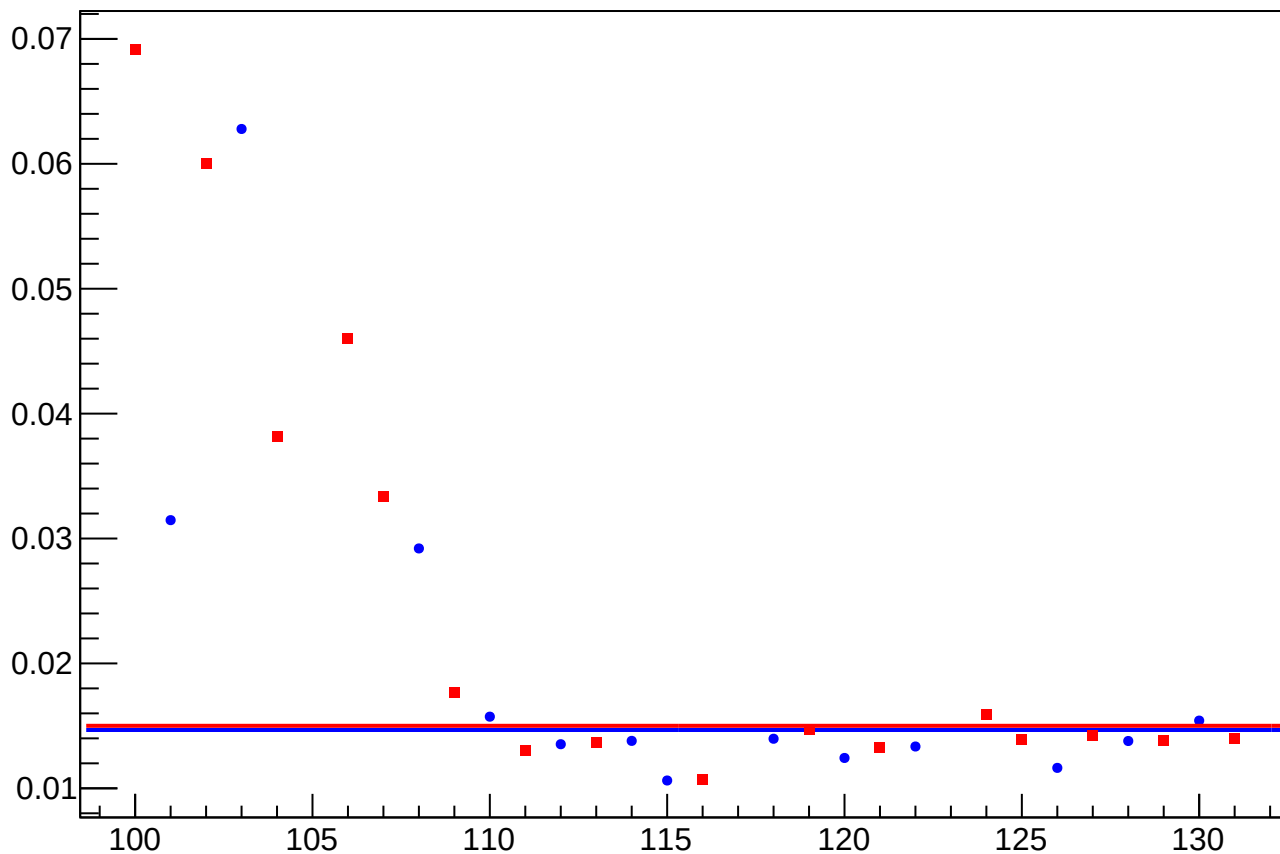
Right: -0.367+/-0.000 χ^2/NDF : 1447258423.8/28

In: -0.382+/-0.000 χ^2/NDF :676706382.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.367+/-0.000 χ^2/NDF : 1447258423.8/28

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 1215512.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000

χ^2/NDF : 1480879.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 2698524.5/28

In: 0.015+/-0.000

χ^2/NDF : 1215512.8/12

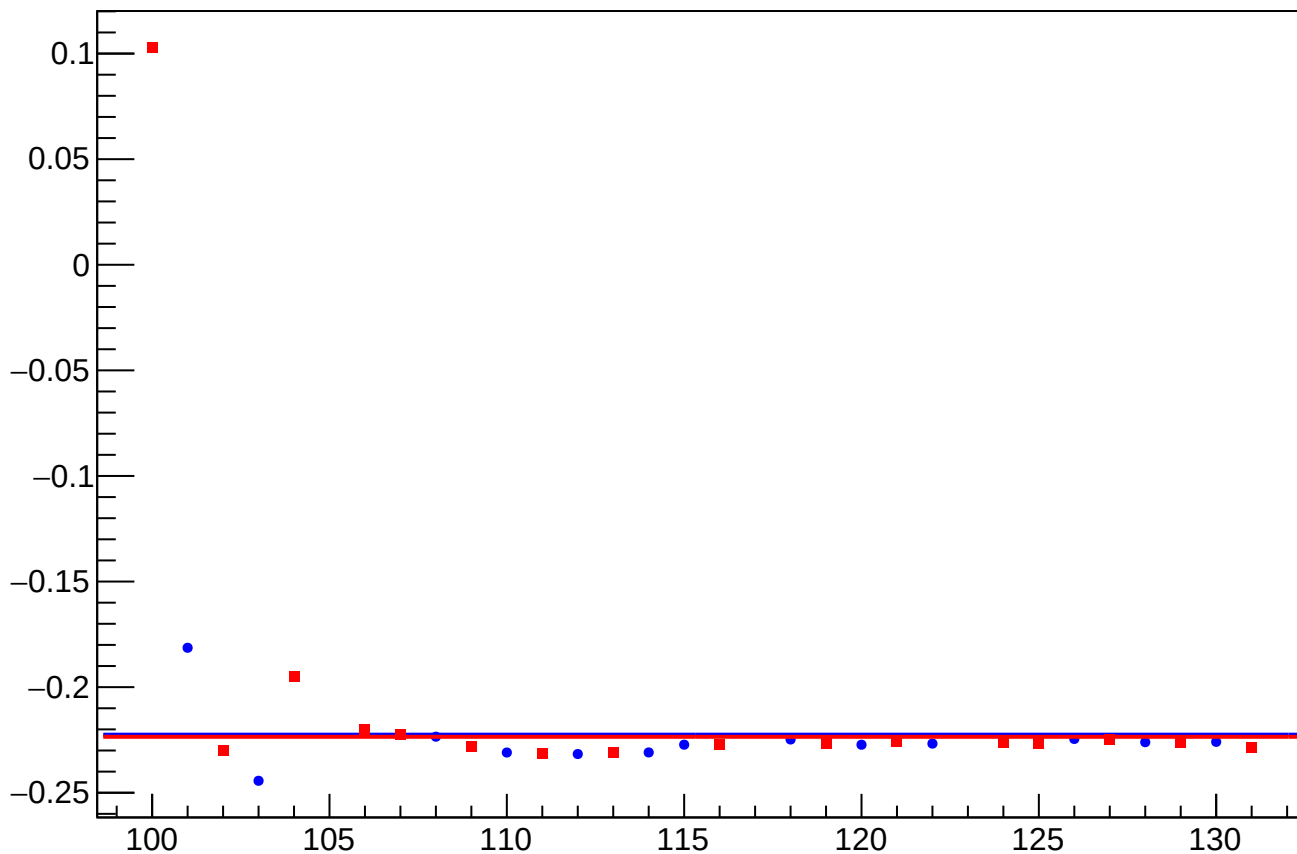
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 2698524.5/28

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 51517102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 157865372.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

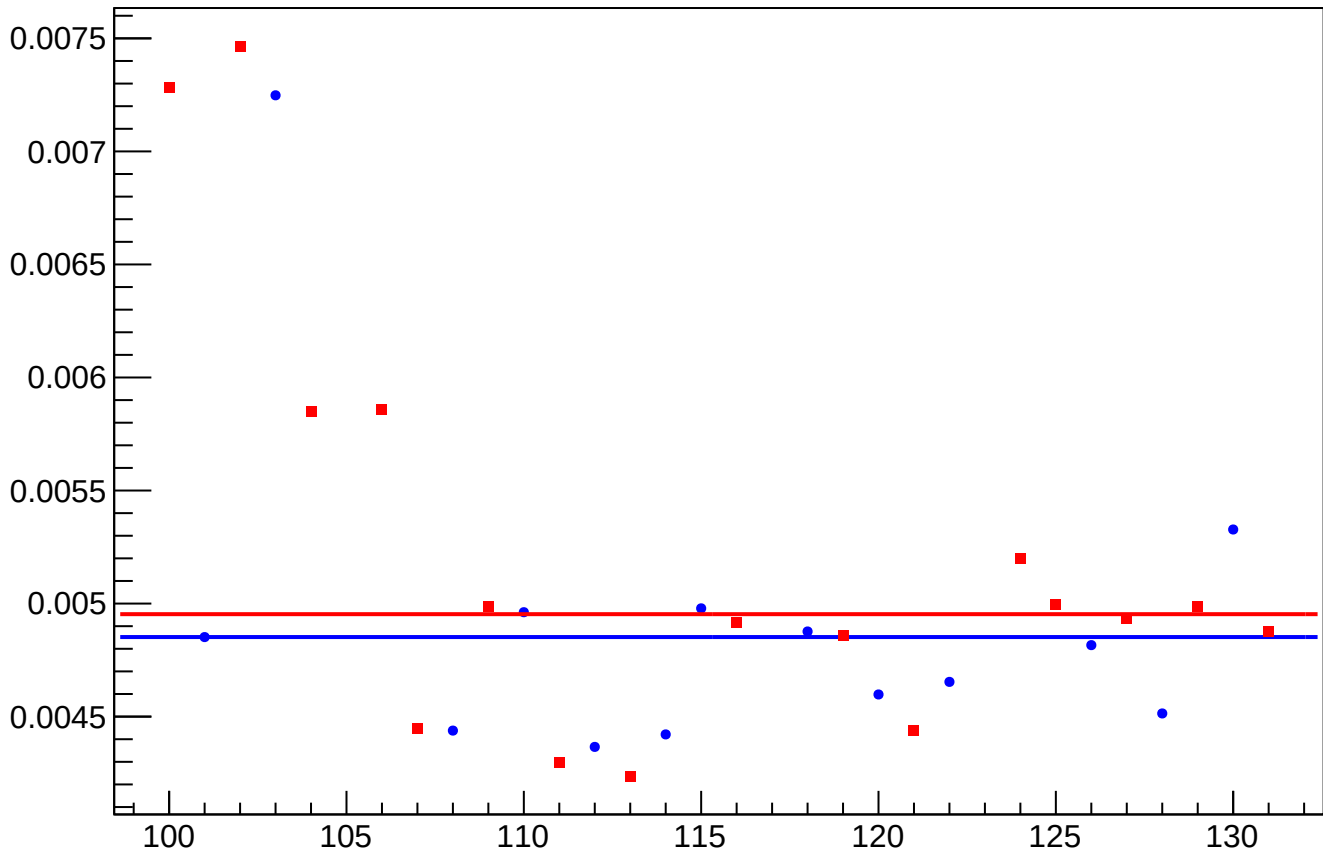
Right: -0.223+/-0.000 χ^2/NDF : 209491198.7/28

In: -0.223+/-0.000 χ^2/NDF : 51517102.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 209491198.7/28

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 158702.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246646.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

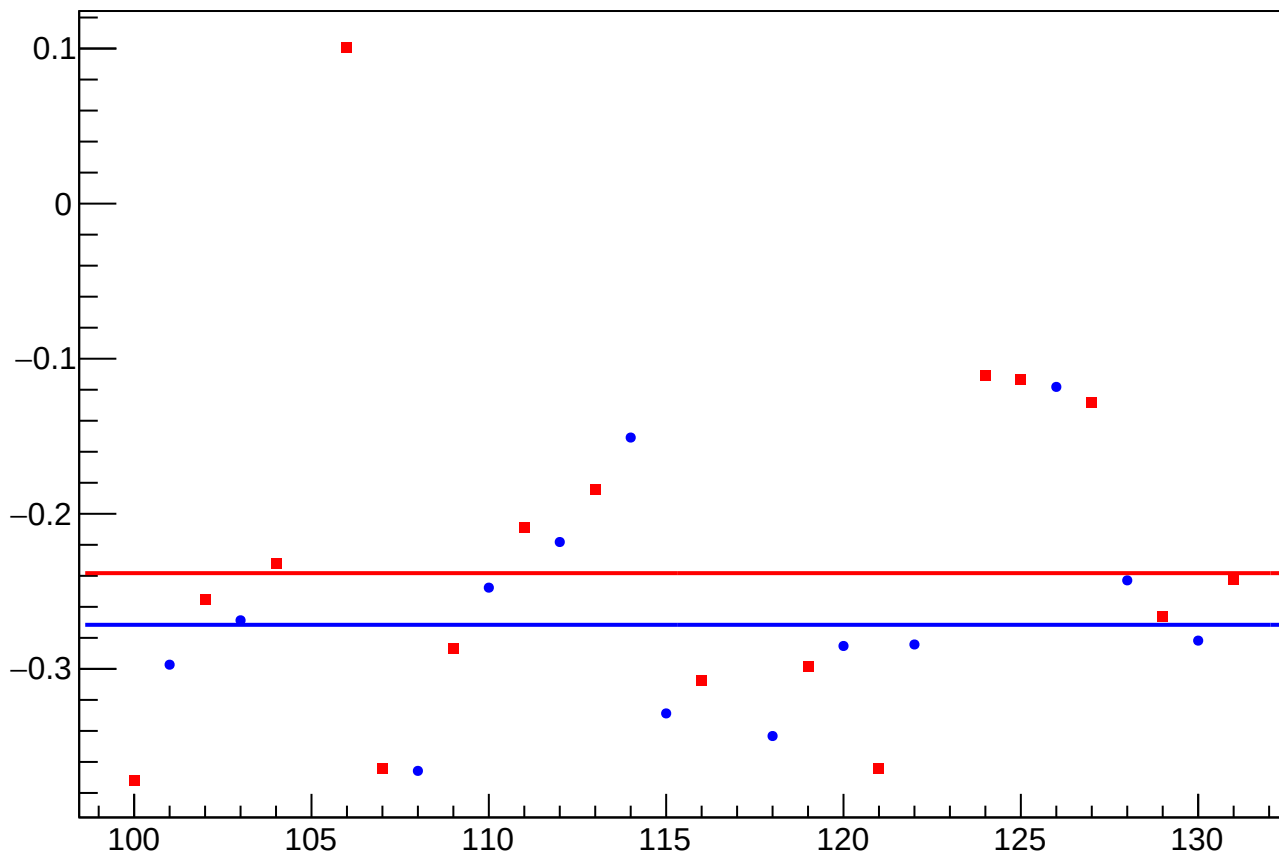
Right: 0.005+/-0.000 χ^2/NDF : 407600.0/28

In: 0.005+/-0.000 χ^2/NDF :158702.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 407600.0/28

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.272+/-0.000 χ^2/NDF : 468756540.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.238+/-0.000 χ^2/NDF : 1083459186.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

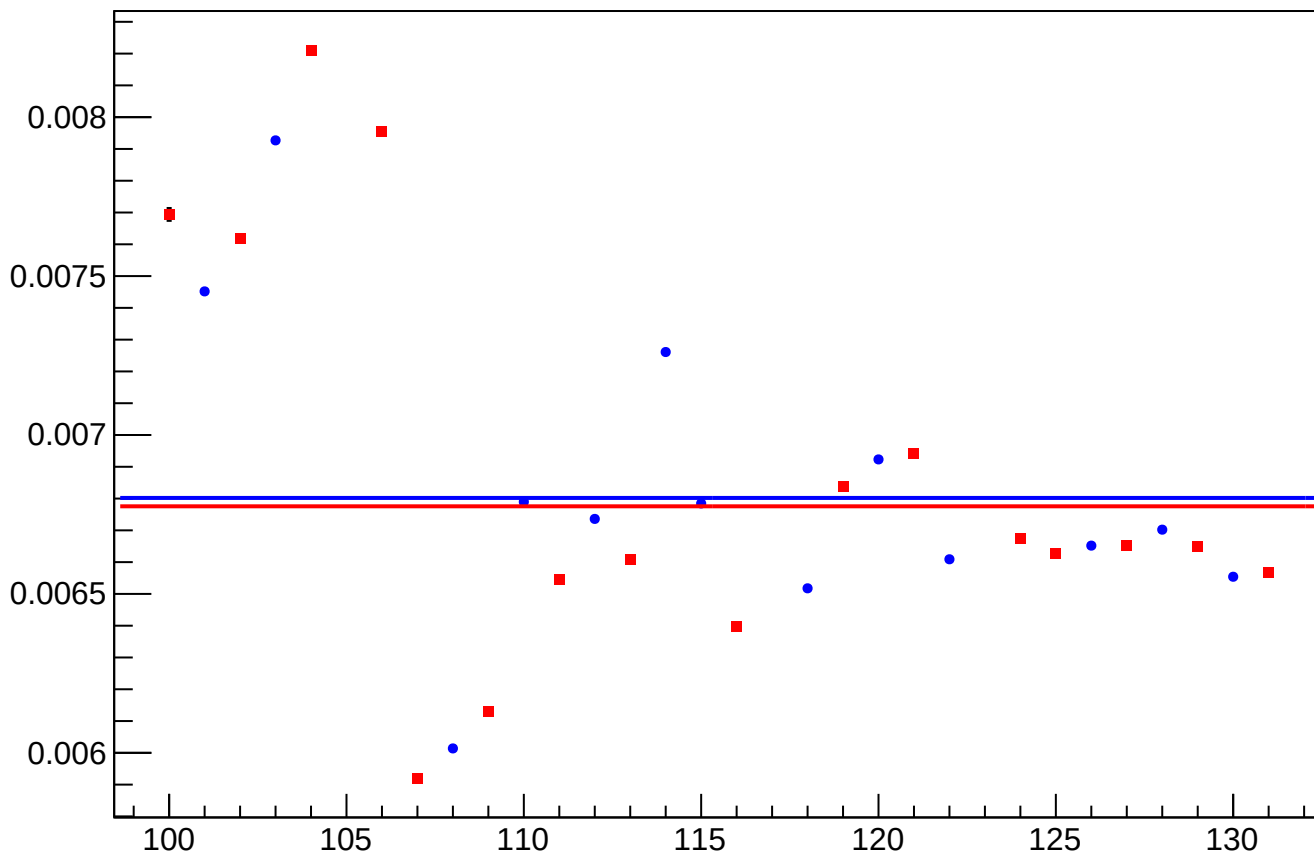
Right: -0.254+/-0.000 χ^2/NDF : 1621154255.0/28

In: -0.272+/-0.000 χ^2/NDF :468756540.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.254+/-0.000 χ^2/NDF : 1621154255.0/2

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 53373.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84880.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

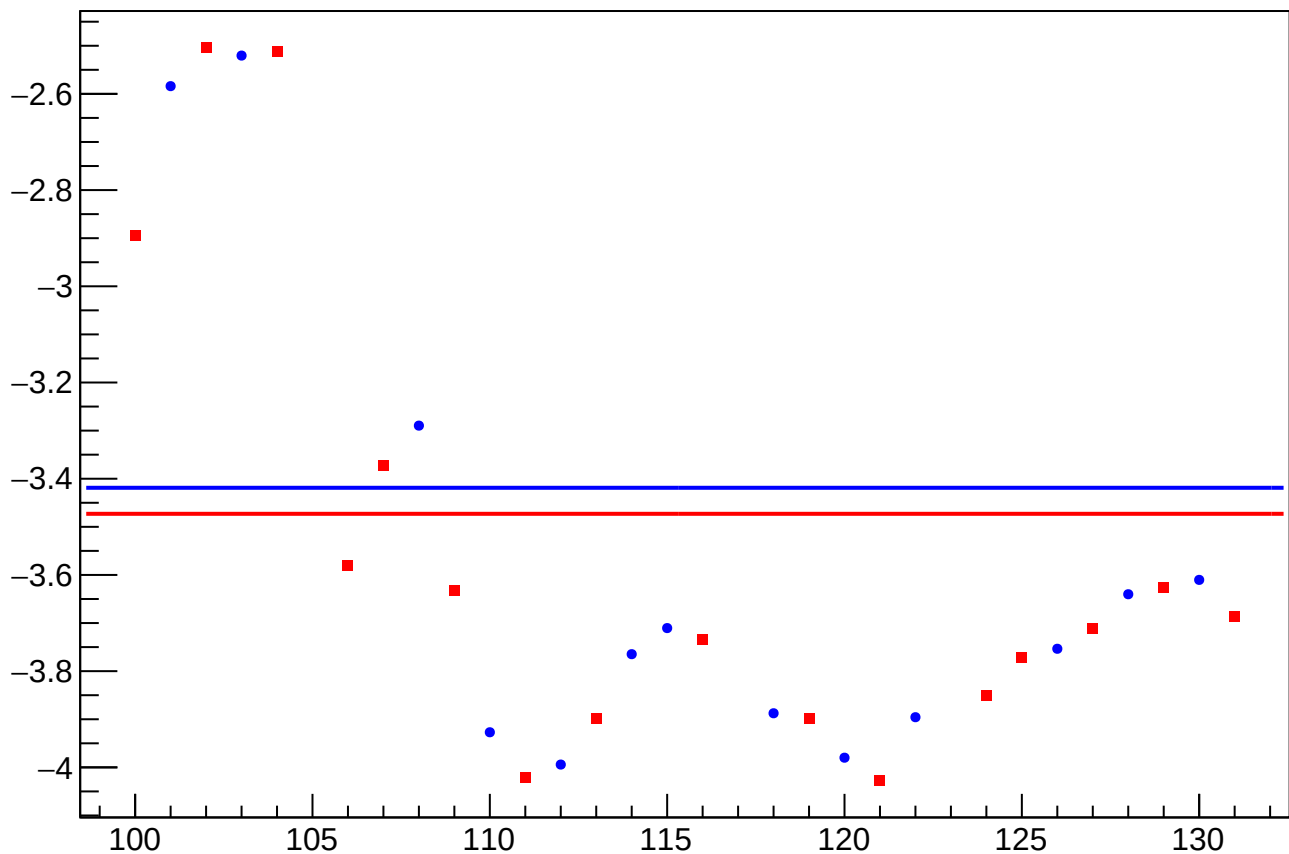
Right: 0.007+/-0.000 χ^2/NDF : 138340.5/28

In: 0.007+/-0.000 χ^2/NDF : 53373.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 138340.5/28

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.419+/-0.000 χ^2/NDF : 28254489226.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.473+/-0.000 χ^2/NDF : 28546106549.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

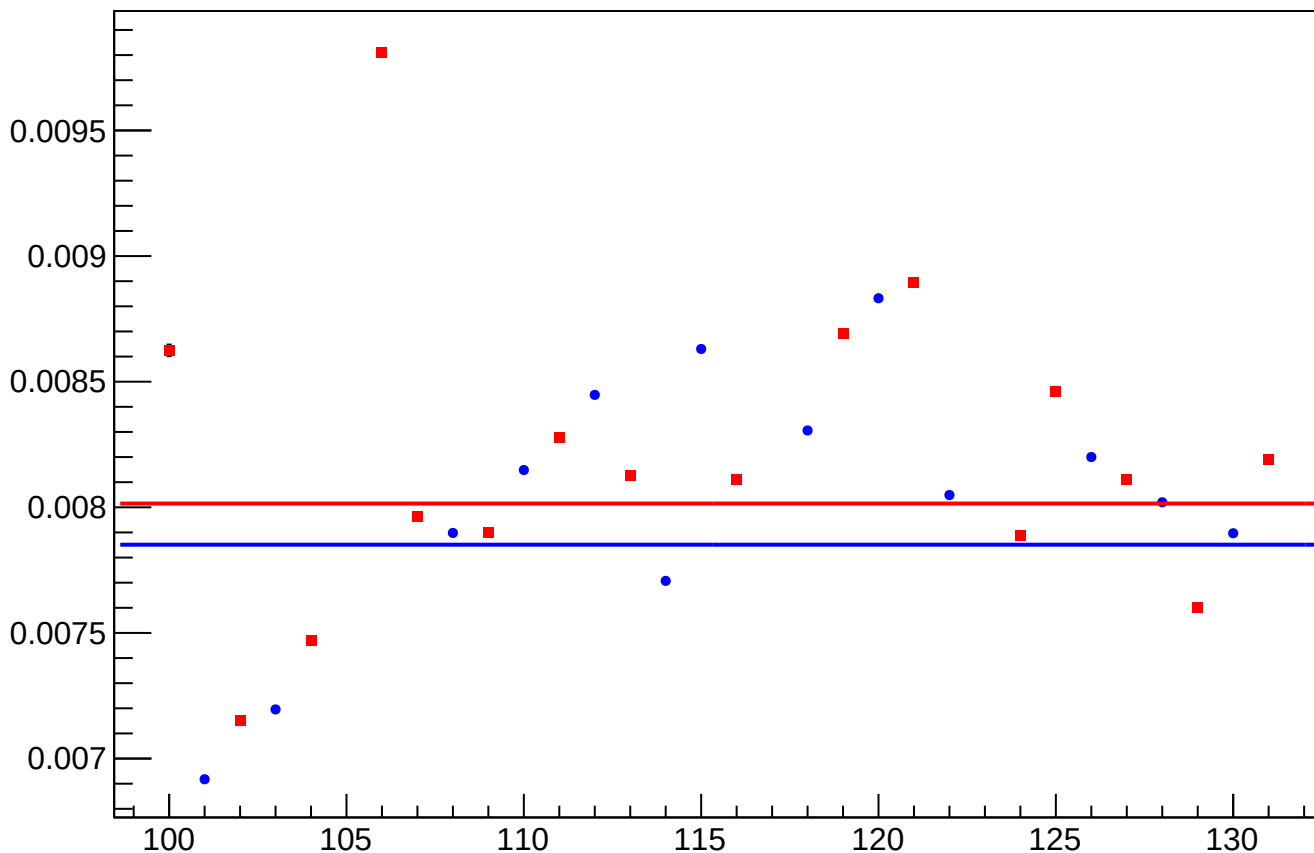
Right: -3.447+/-0.000 χ^2/NDF : 56932016101.2/28

In: -3.419+/-0.000 χ^2/NDF : 28254489226.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.447+/-0.000 χ^2/NDF : 56932016101.2/28

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 54967.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 56600.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

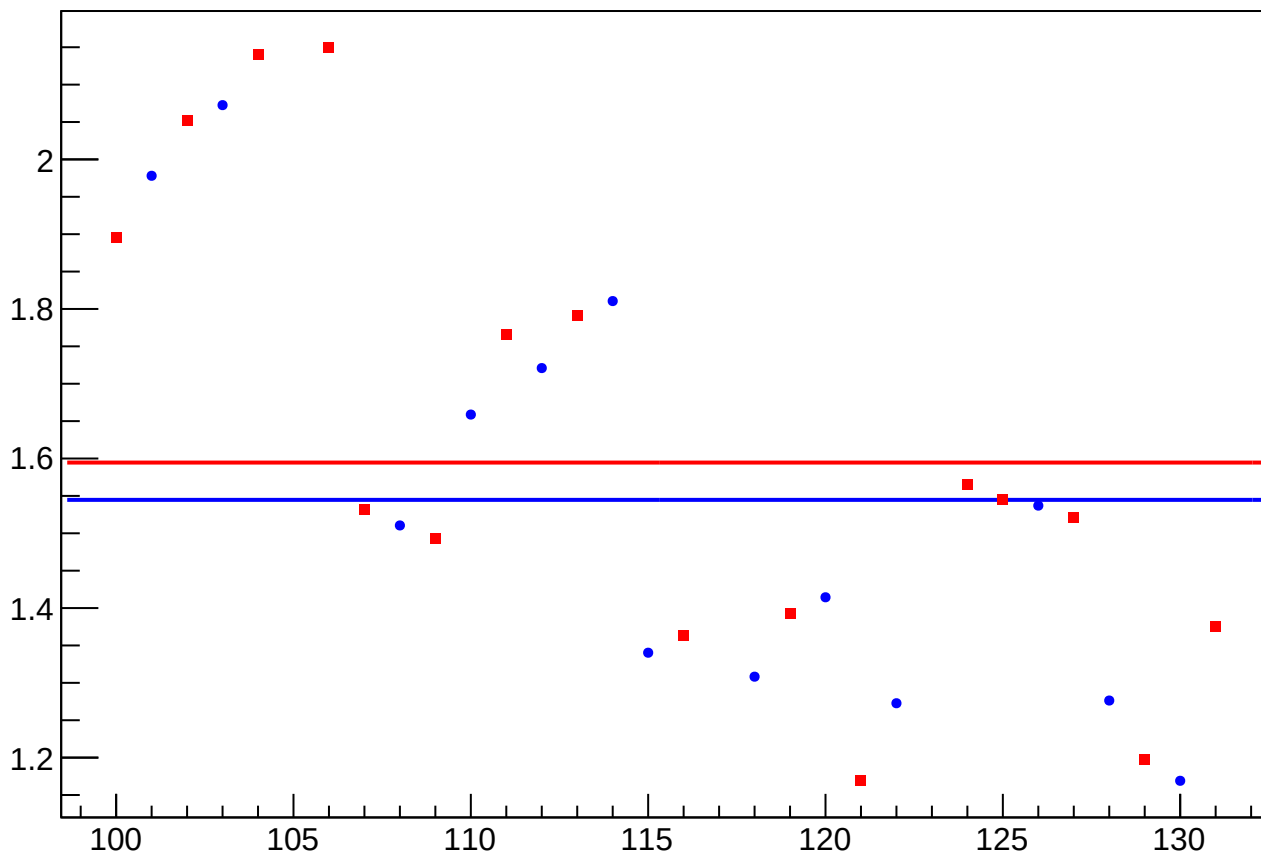
Right: 0.008+/-0.000 χ^2/NDF : 113977.6/28

In: 0.008+/-0.000 χ^2/NDF :54967.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 113977.6/28

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.545+/-0.000

χ^2/NDF : 2983988177.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.595+/-0.000

χ^2/NDF : 3573262018.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.571+/-0.000

χ^2/NDF : 6601706637.4/28

In: 1.545+/-0.000

χ^2/NDF : 2983988177.1/12

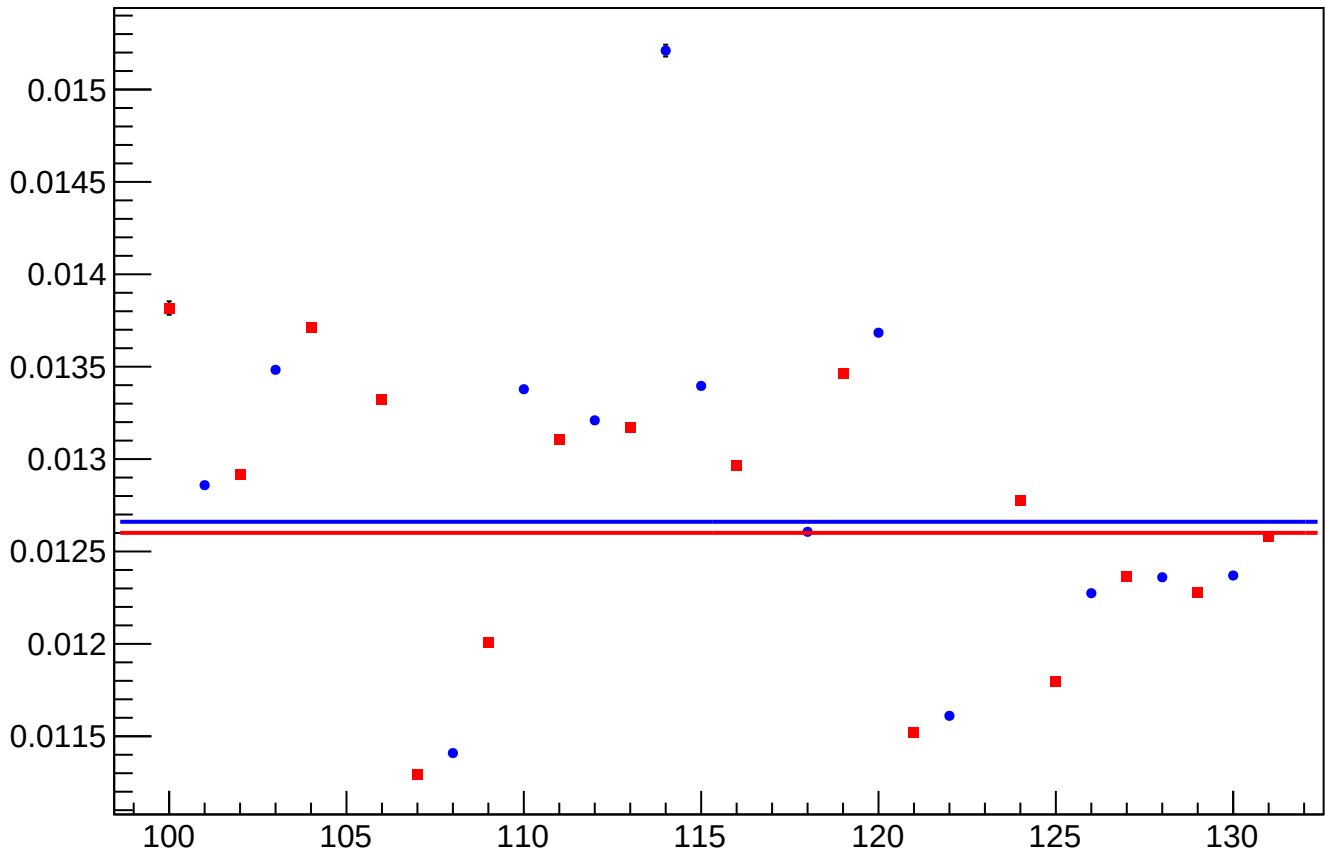
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.571+/-0.000

χ^2/NDF : 6601706637.4/28

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 37218.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 38550.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

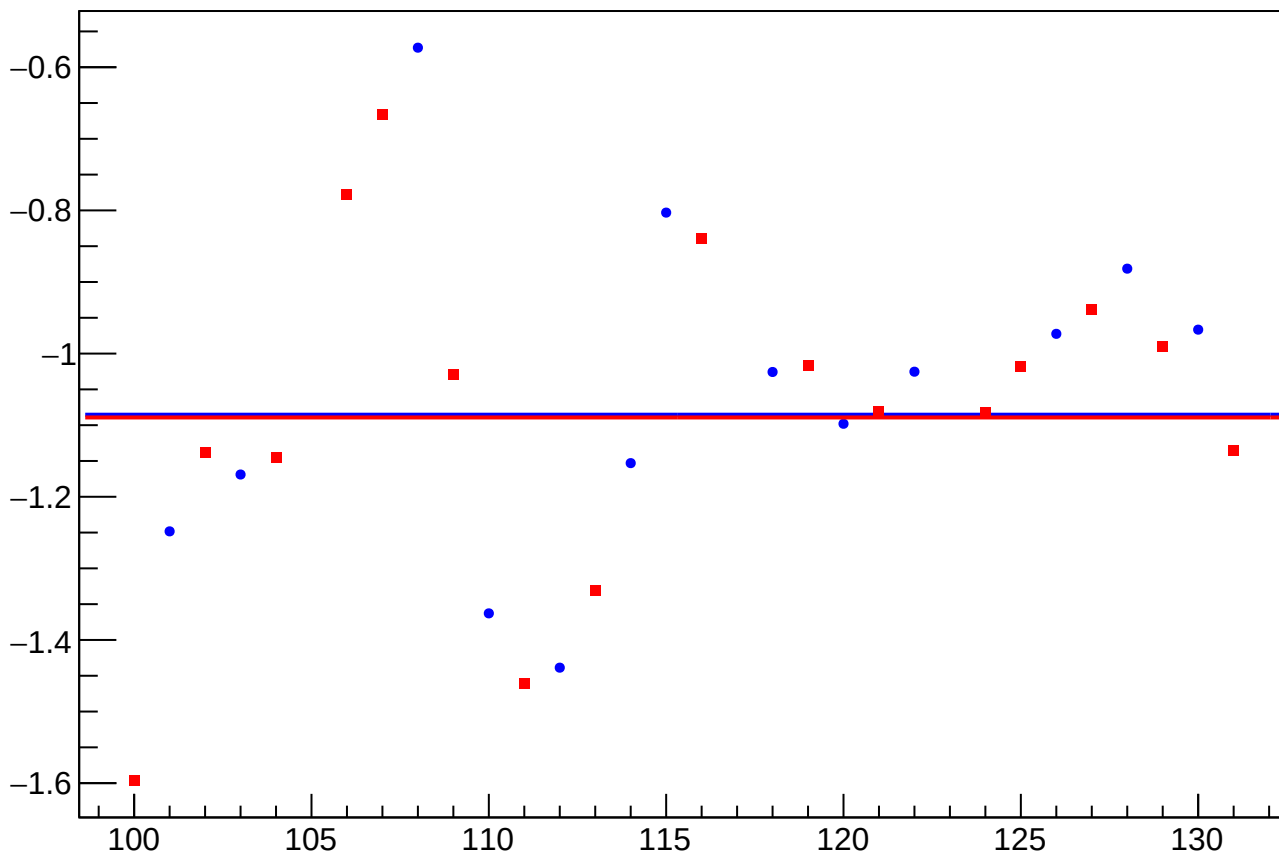
Right: 0.013+/-0.000 χ^2/NDF : 75897.8/28

In: 0.013+/-0.000 χ^2/NDF : 37218.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

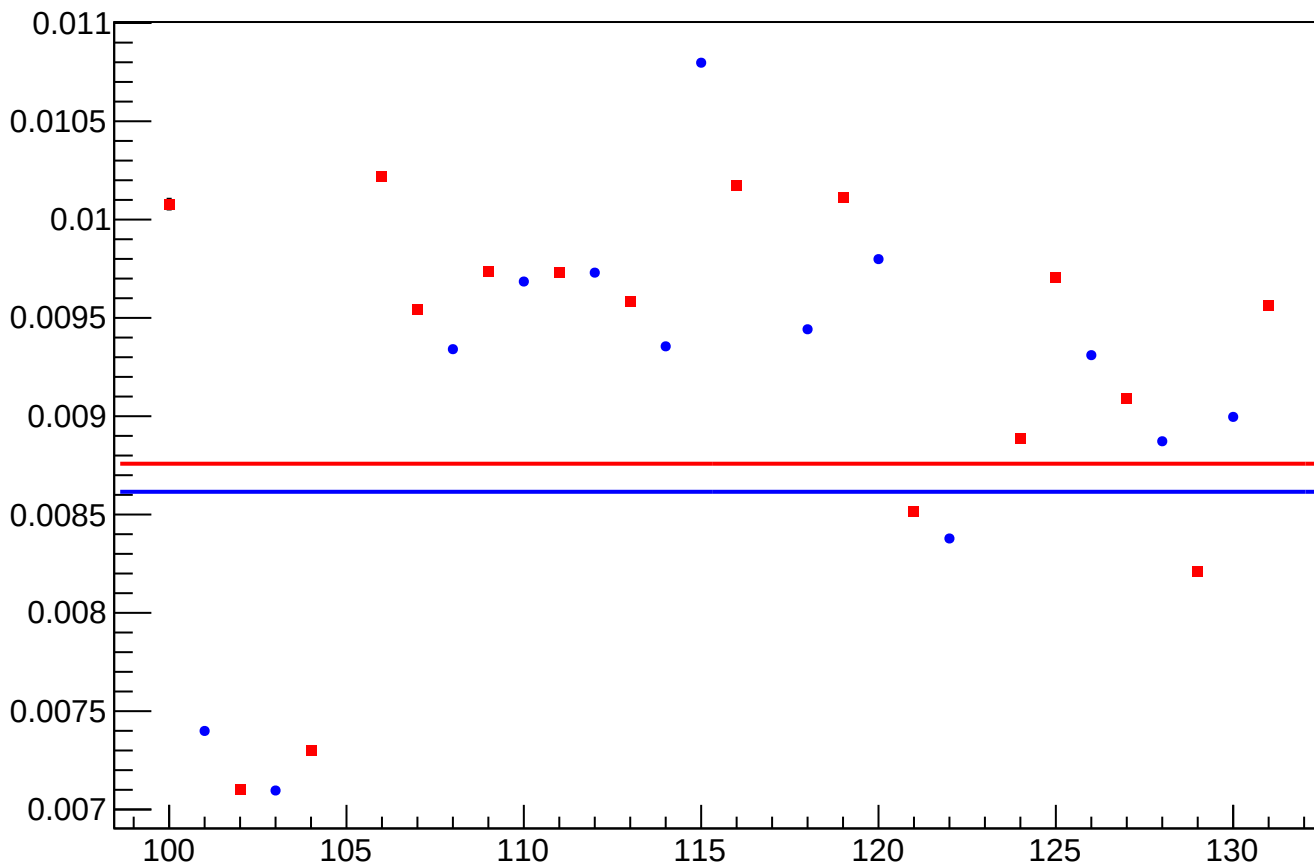
All: 0.013+/-0.000 χ^2/NDF : 75897.8/28

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.085+/-0.000 χ^2 /NDF: 2974781032.1/12
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.089+/-0.000 χ^2 /NDF: 2162031926.1/15
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -1.087+/-0.000 χ^2 /NDF: 5137355950.7/28
 In: -1.085+/-0.000 χ^2 /NDF:2974781032.1/12
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.087+/-0.000 χ^2 /NDF: 5137355950.7/28

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 150059.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 191226.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

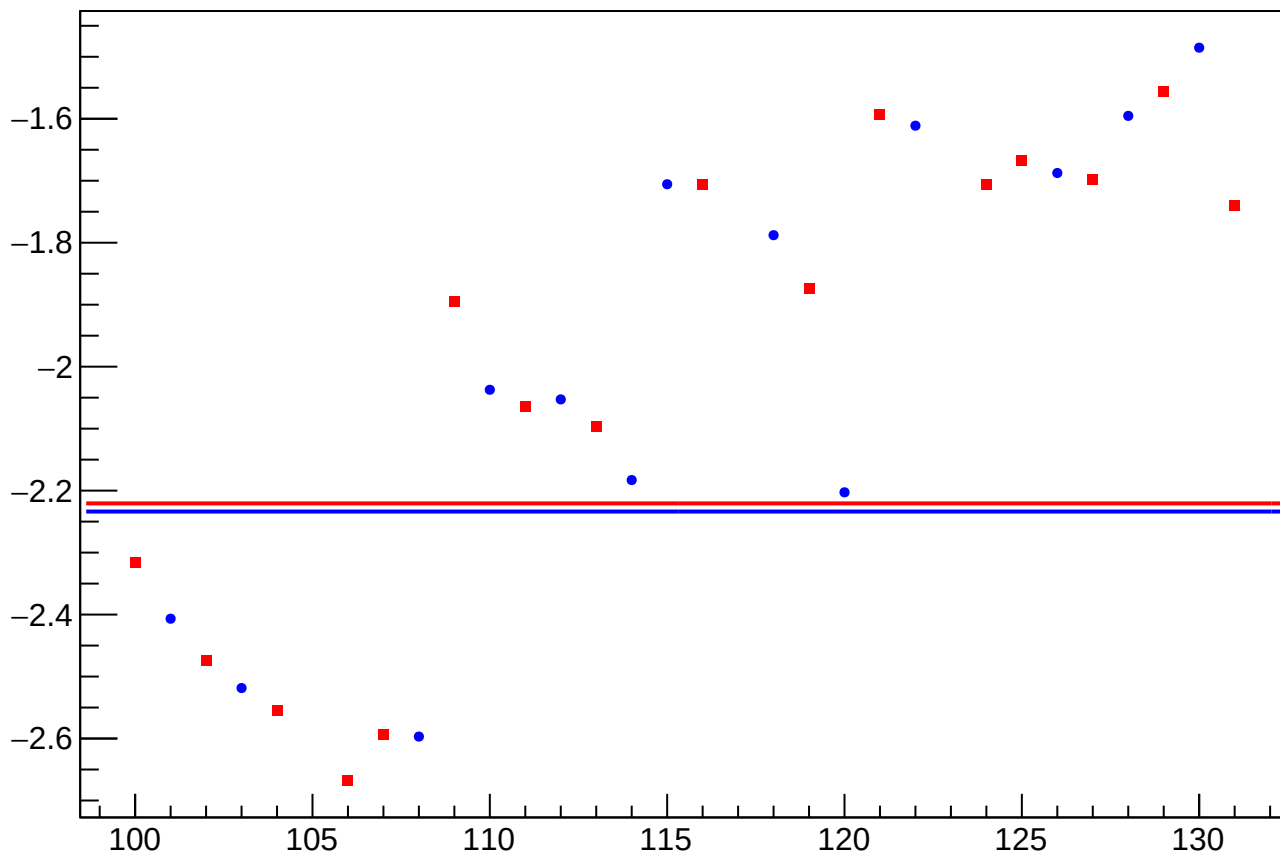
Right: 0.009+/-0.000 χ^2/NDF : 342774.5/28

In: 0.009+/-0.000 χ^2/NDF :150059.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 342774.5/28

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.234+/-0.000 χ^2/NDF : 11255941469.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.221+/-0.000 χ^2/NDF : 12395078290.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

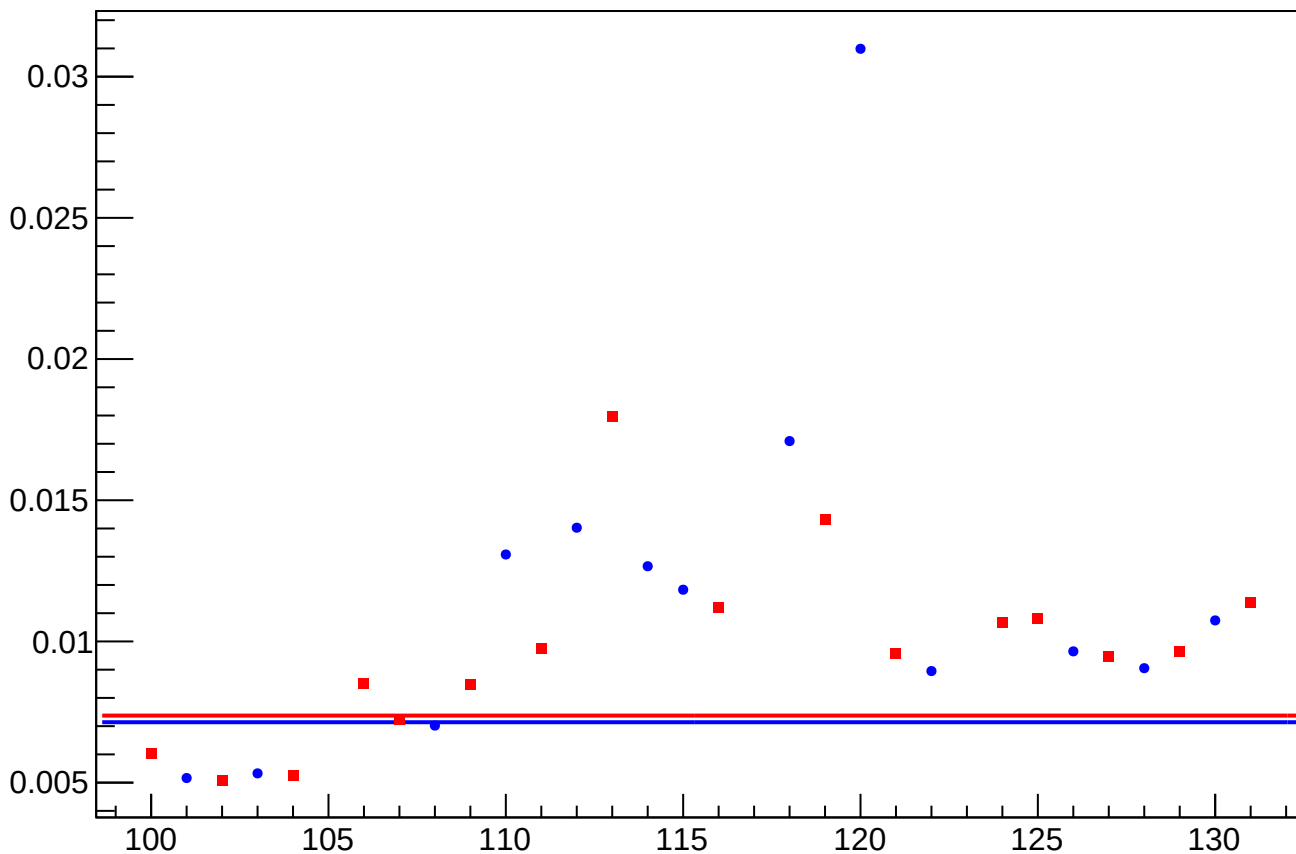
Right: -2.227+/-0.000 χ^2/NDF : 23657914293.8/28

In: -2.234+/-0.000 χ^2/NDF : 11255941469.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.227+/-0.000 χ^2/NDF : 23657914293.8/28

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1413274.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1205202.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

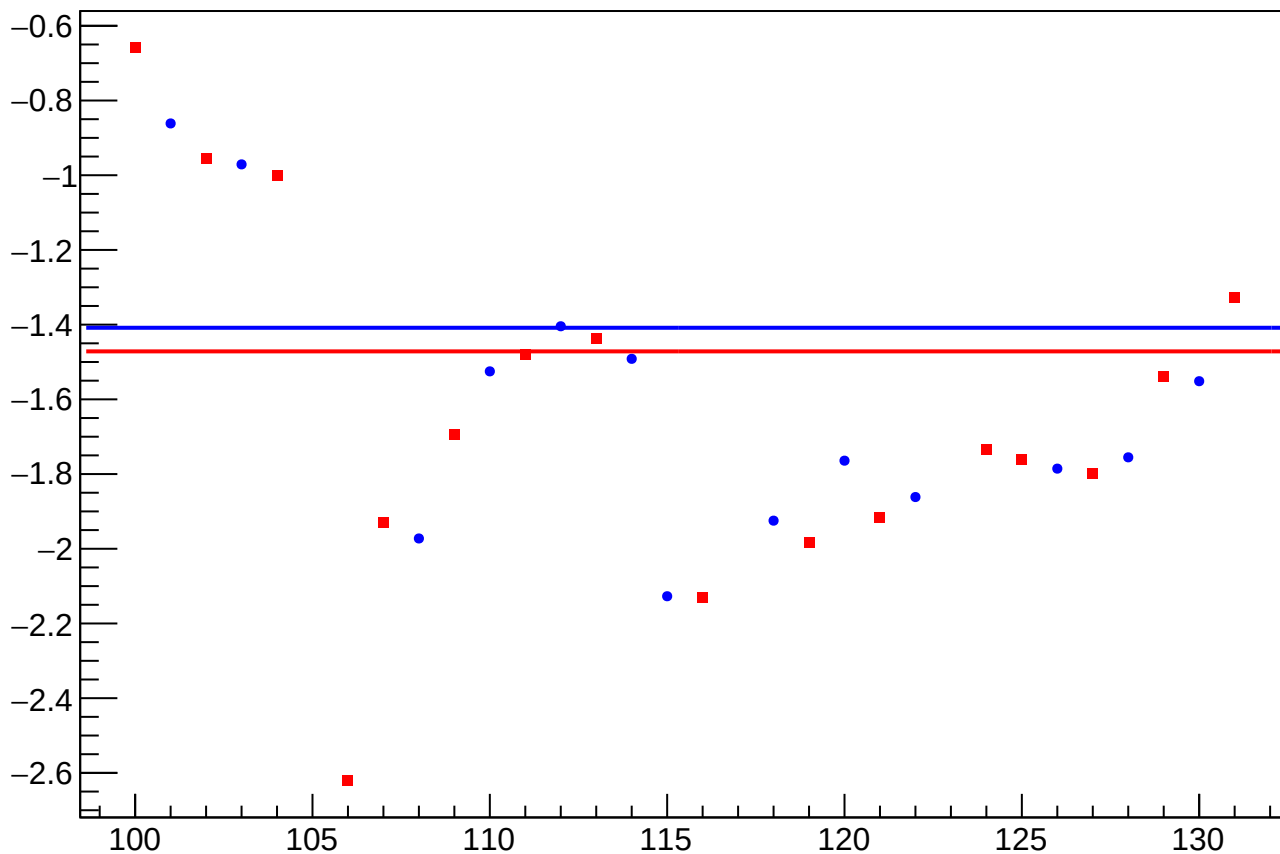
Right: 0.007+/-0.000 χ^2/NDF : 2622894.9/28

In: 0.007+/-0.000 χ^2/NDF :1413274.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2622894.9/28

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.408+/-0.000 χ^2/NDF : 19756421402.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.472+/-0.000 χ^2/NDF : 25929529744.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

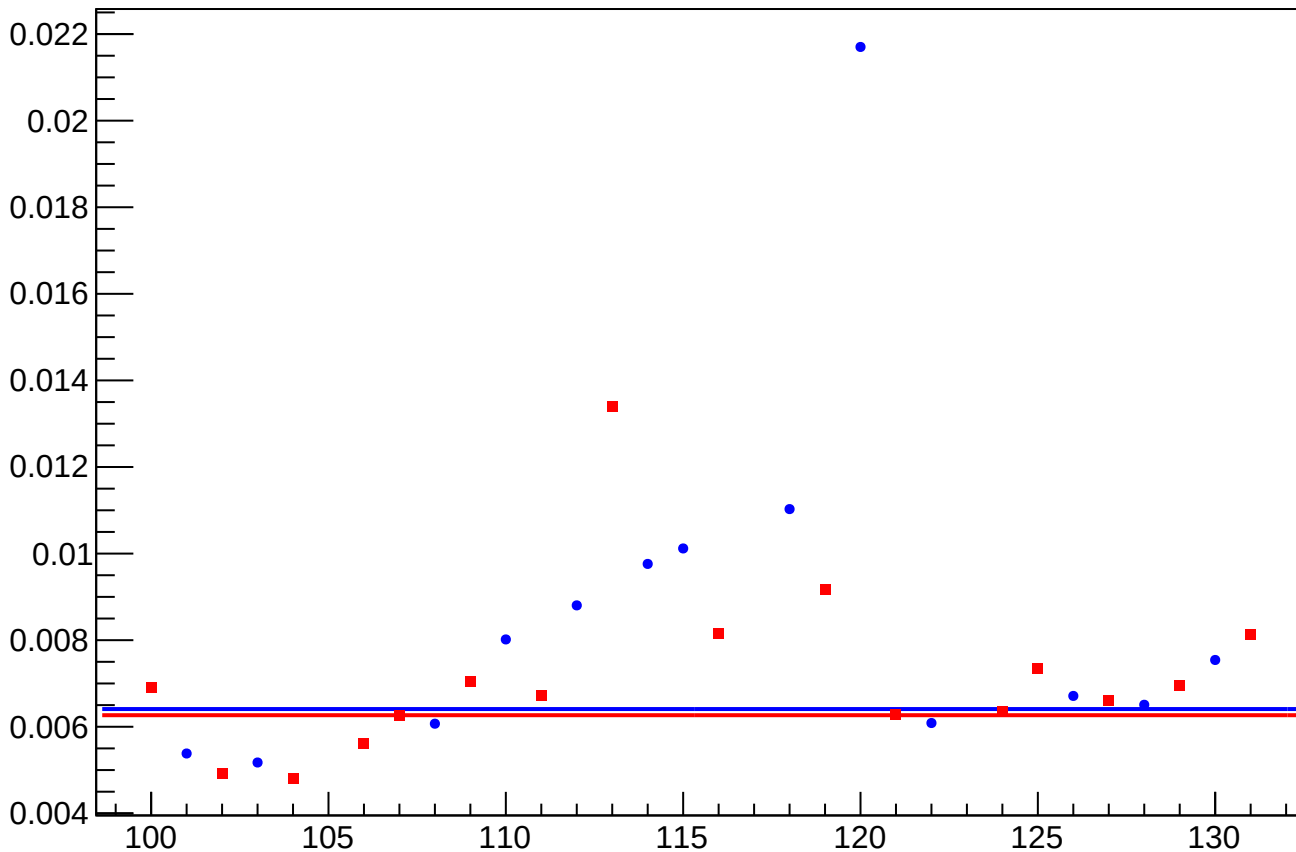
Right: -1.443+/-0.000 χ^2/NDF : 45917019990.9/28

In: -1.408+/-0.000 χ^2/NDF : 19756421402.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.443+/-0.000 χ^2/NDF : 45917019990.9/28

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 617505.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 506918.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

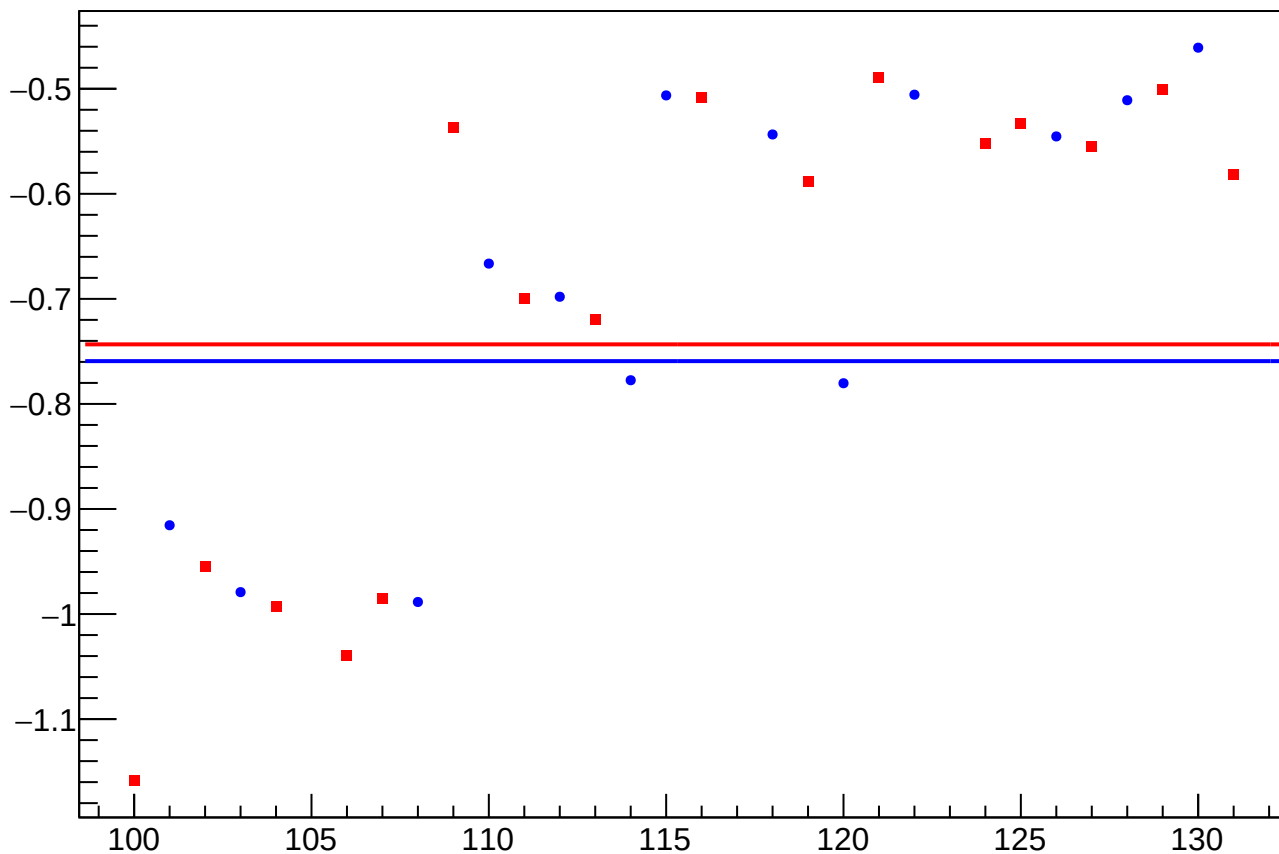
Right: 0.006+/-0.000 χ^2/NDF : 1126764.1/28

In: 0.006+/-0.000 χ^2/NDF :617505.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1126764.1/28

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.759+/-0.000 χ^2/NDF : 7069281216.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.743+/-0.000 χ^2/NDF : 8351320294.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

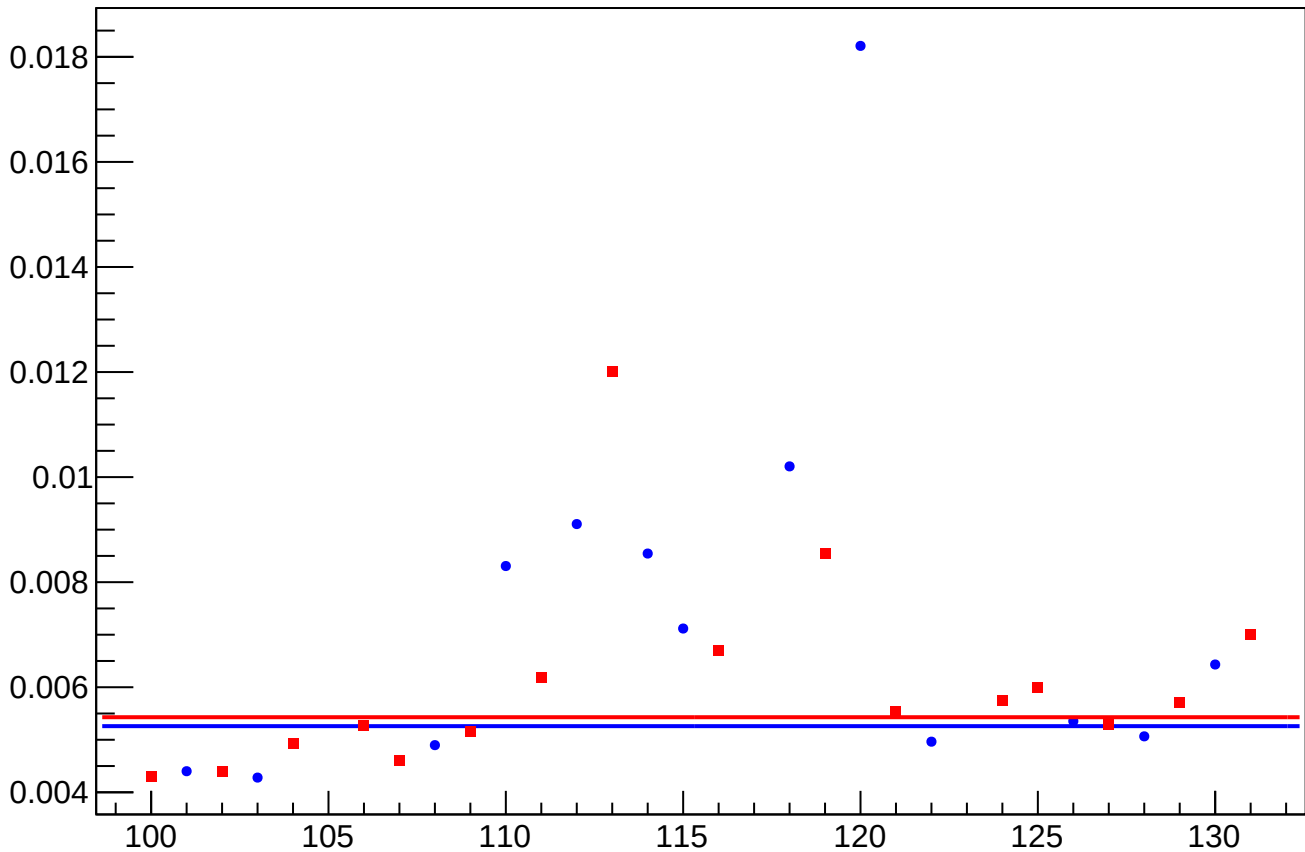
Right: -0.751+/-0.000 χ^2/NDF : 15440970664.6/28

In: -0.759+/-0.000 χ^2/NDF :7069281216.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.751+/-0.000 χ^2/NDF : 15440970664.6/28

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 816212.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 456131.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

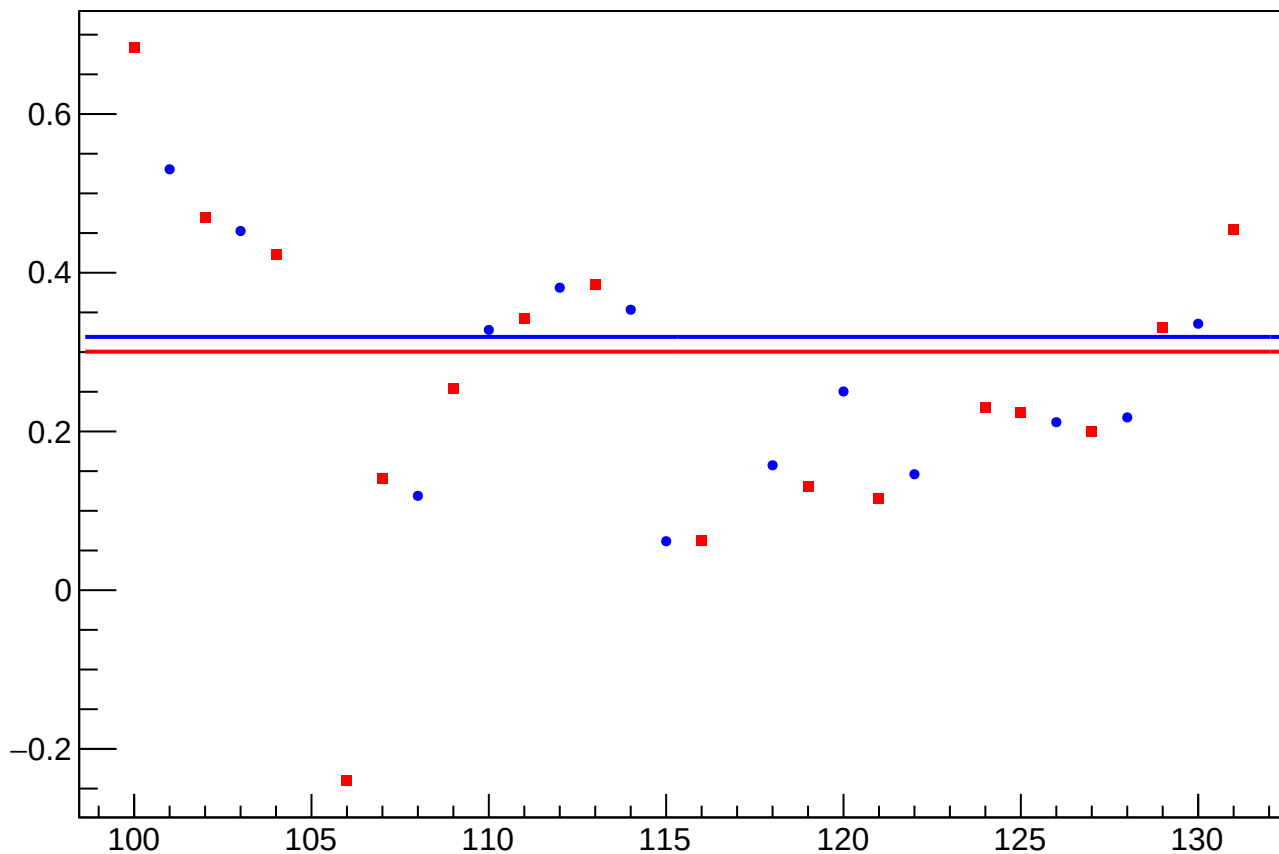
Right: 0.005+/-0.000 χ^2/NDF : 1276969.8/28

In: 0.005+/-0.000 χ^2/NDF :816212.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1276969.8/28

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.319+/-0.000 χ^2/NDF : 5768184964.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.301+/-0.000 χ^2/NDF : 8039329370.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

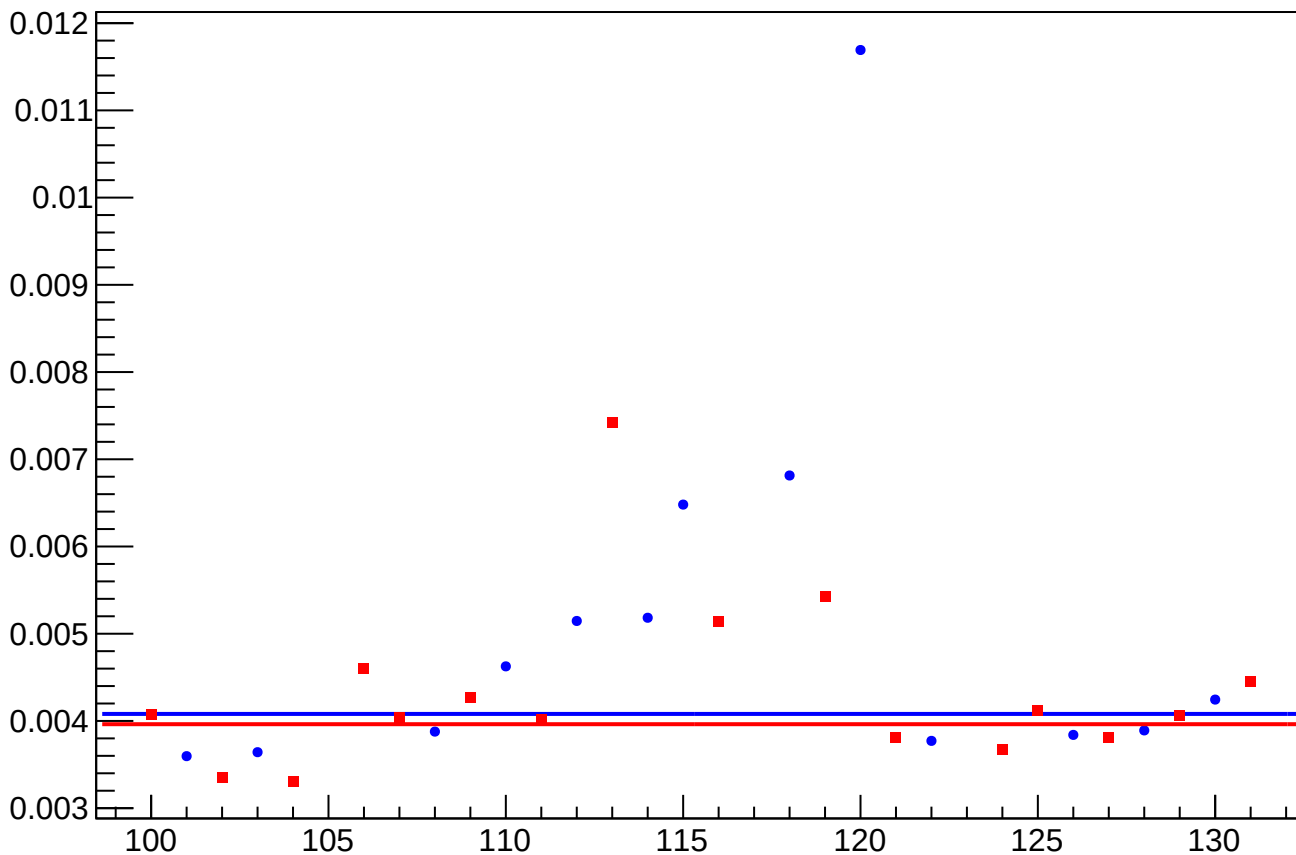
Right: 0.309+/-0.000 χ^2/NDF : 13859623546.2/28

In: 0.319+/-0.000 χ^2/NDF :5768184964.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.309+/-0.000 χ^2/NDF : 13859623546.2/28

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 468523.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 304032.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

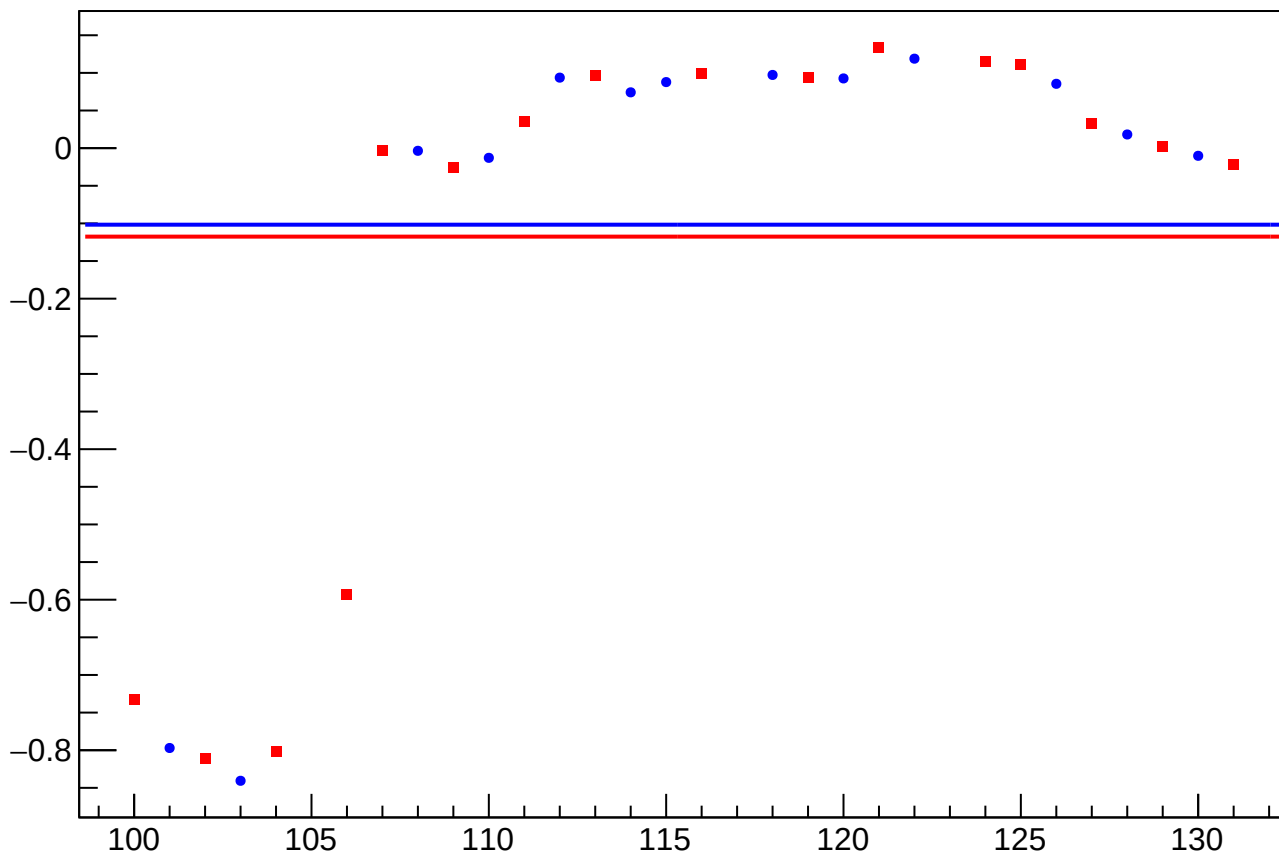
Right: 0.004+/-0.000 χ^2/NDF : 776726.8/28

In: 0.004+/-0.000 χ^2/NDF : 468523.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 776726.8/28

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.102+/-0.000 χ^2/NDF : 5462613205.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.118+/-0.000 χ^2/NDF : 6175576645.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

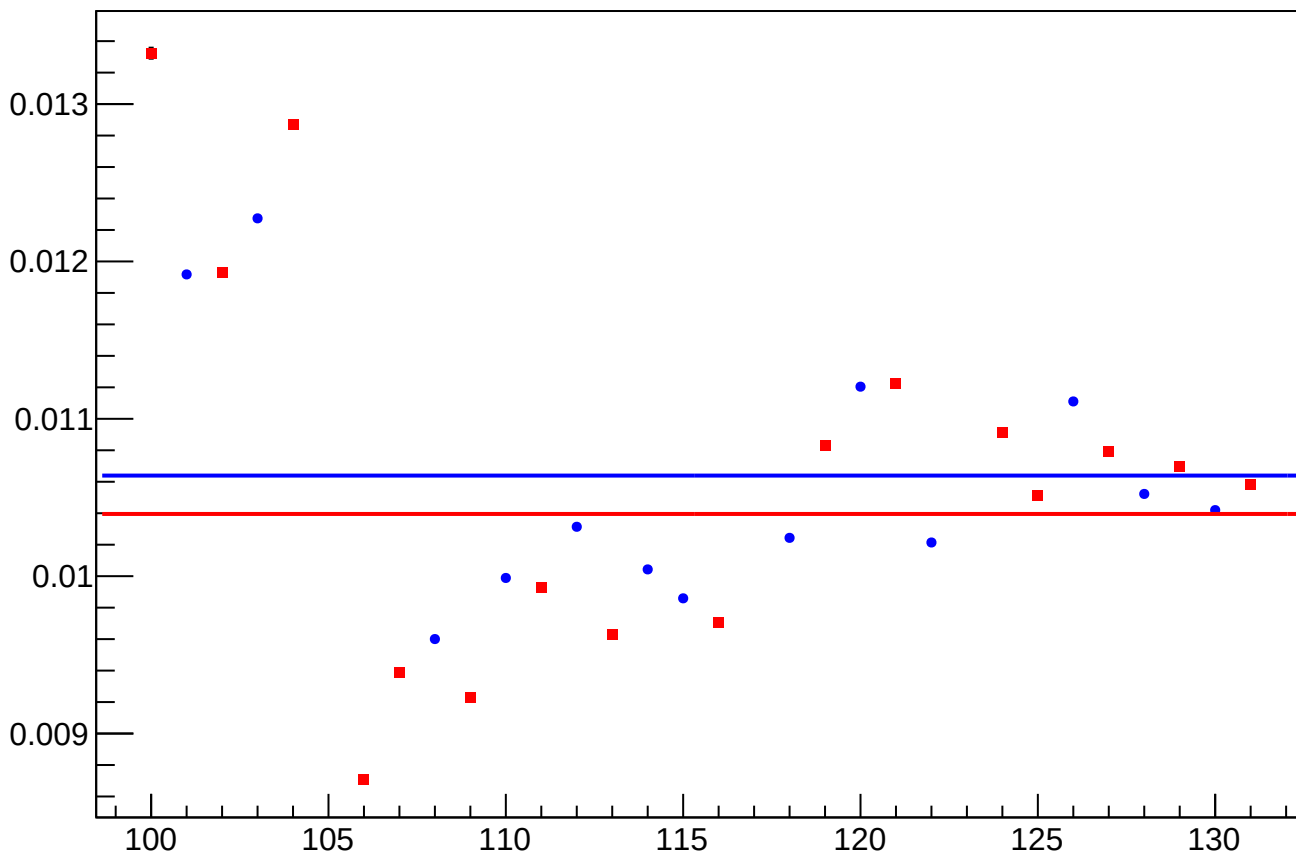
Right: -0.110+/-0.000 χ^2/NDF : 11644809956.3/28

In: -0.102+/-0.000 χ^2/NDF :5462613205.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.110+/-0.000 χ^2/NDF : 11644809956.3/30

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 59169.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 133752.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

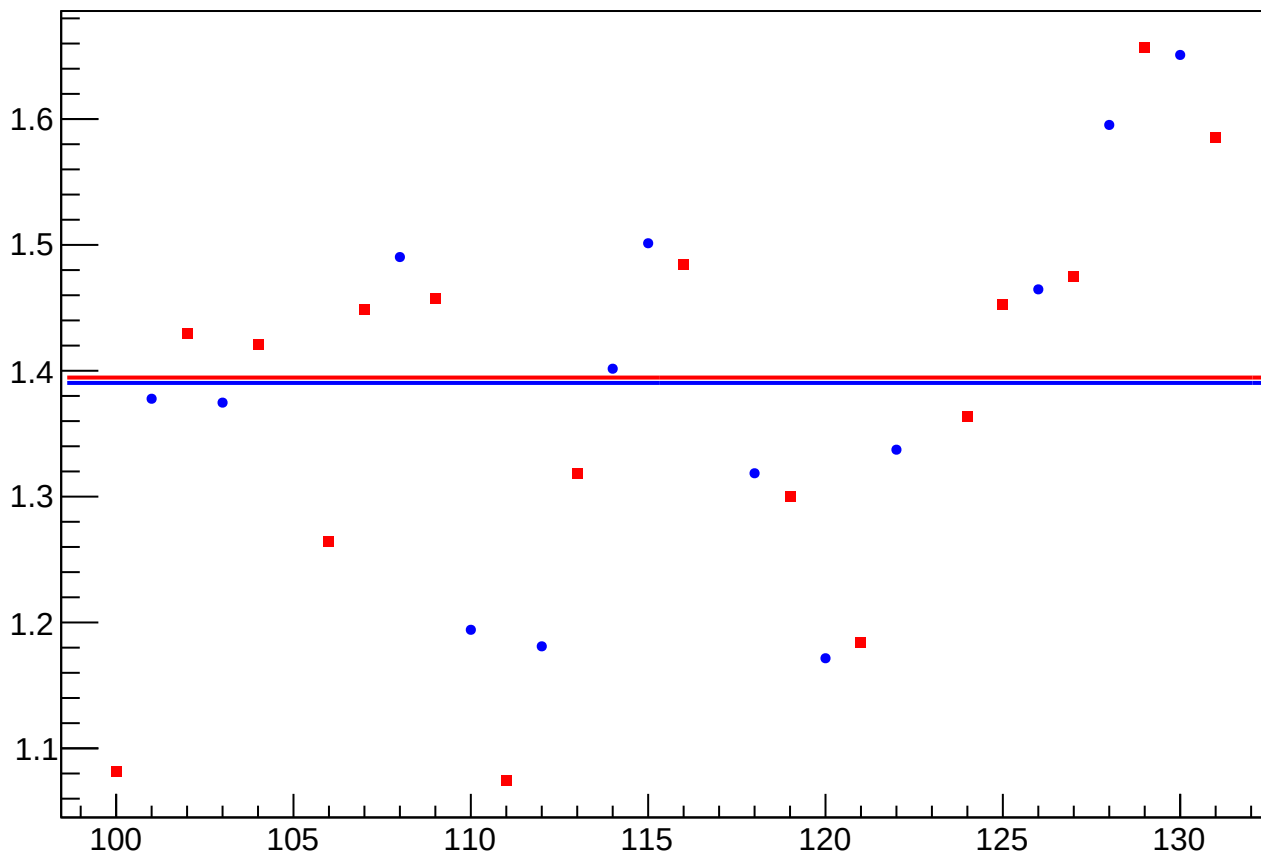
Right: 0.011+/-0.000 χ^2/NDF : 196054.8/28

In: 0.011+/-0.000 χ^2/NDF : 59169.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 196054.8/28

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.390+/-0.000

χ^2/NDF : 2006024060.0/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.393+/-0.000 χ^2/NDF : 4316159882.9/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.390+/-0.000 χ^2/NDF : 2006024060.0/12

Right Out: 1.395+/-0.000 χ^2/NDF : 2309096183.1/15

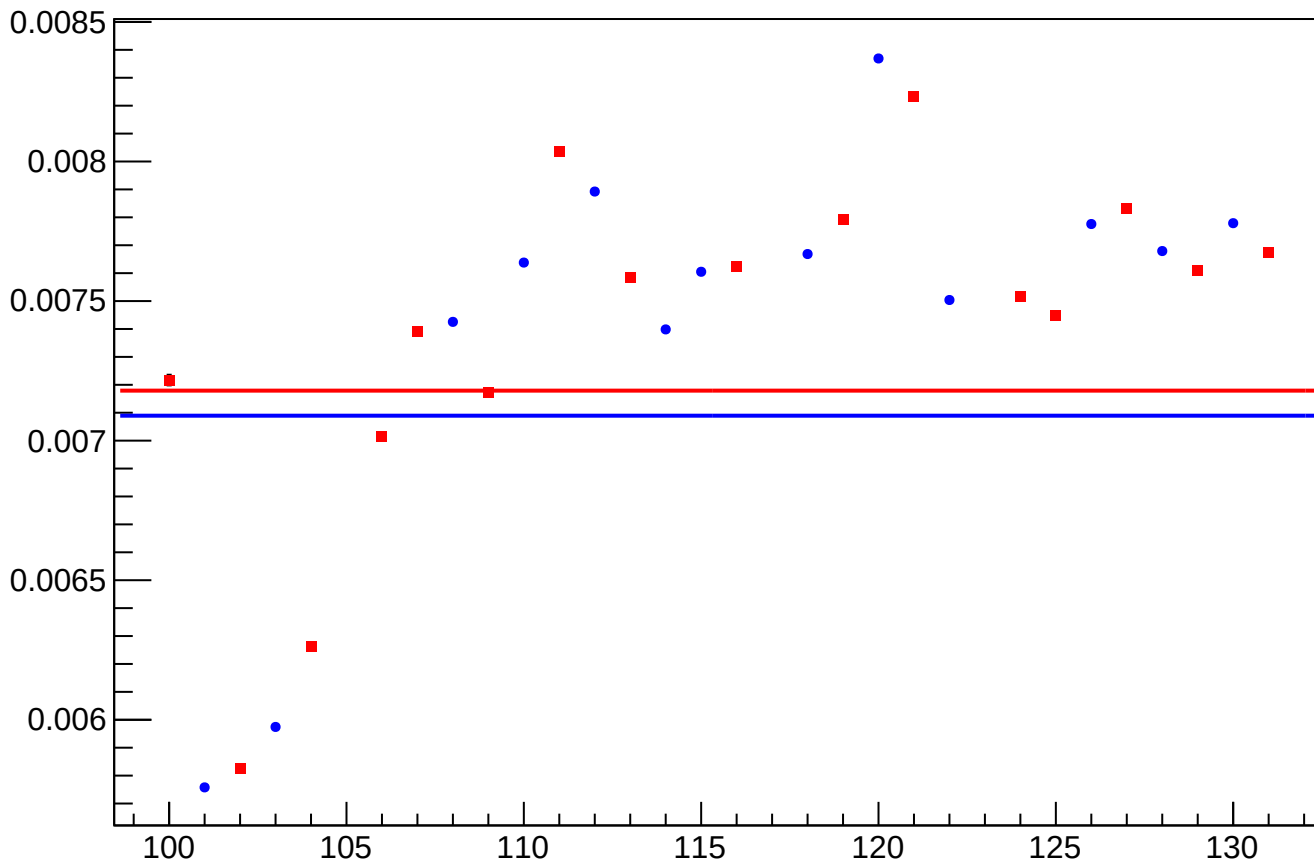
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.393+/-0.000 χ^2/NDF : 4316159882.9/28

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 173738.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 142294.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

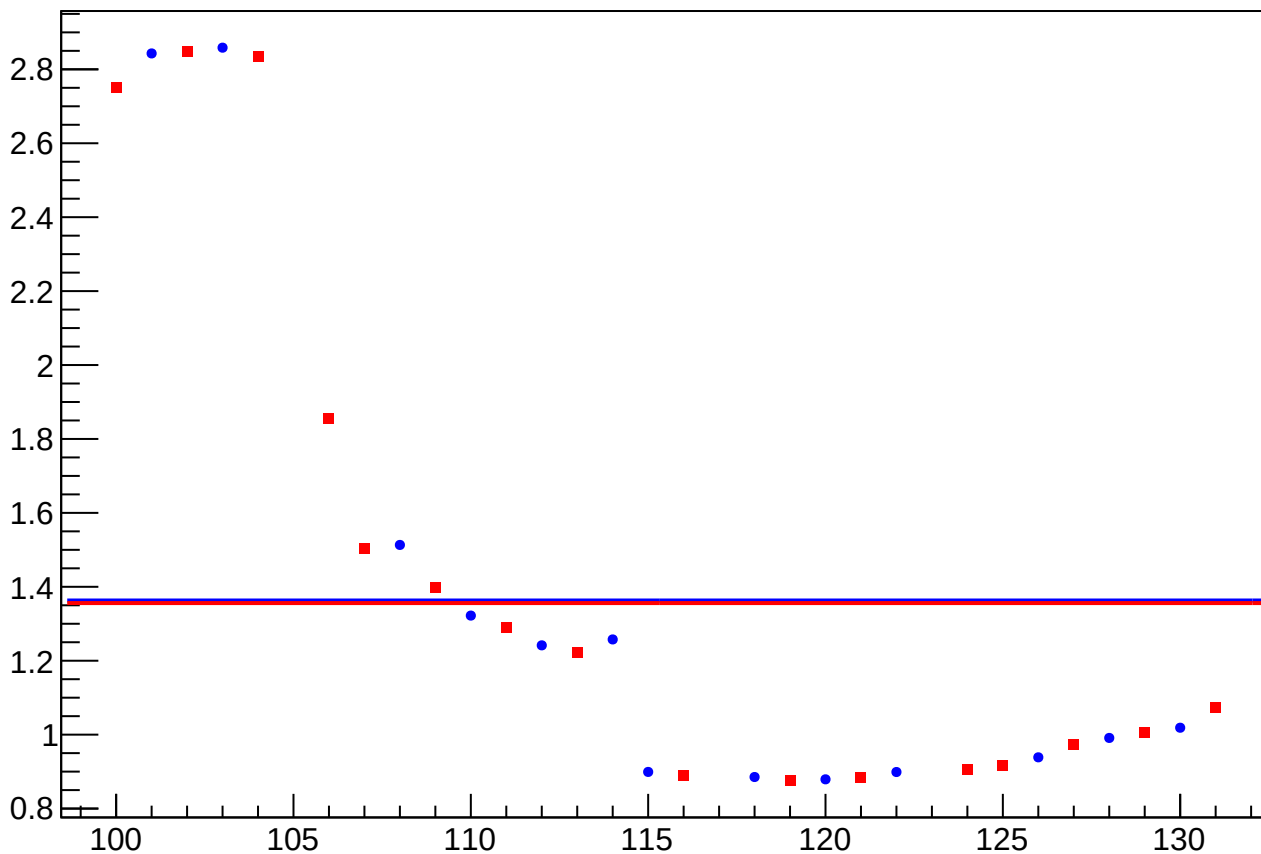
Right: 0.007+/-0.000 χ^2/NDF : 316951.9/28

In: 0.007+/-0.000 χ^2/NDF : 173738.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 316951.9/28

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.363+/-0.000 χ^2/NDF : 55187378218.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.356+/-0.000 χ^2/NDF : 53261950771.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

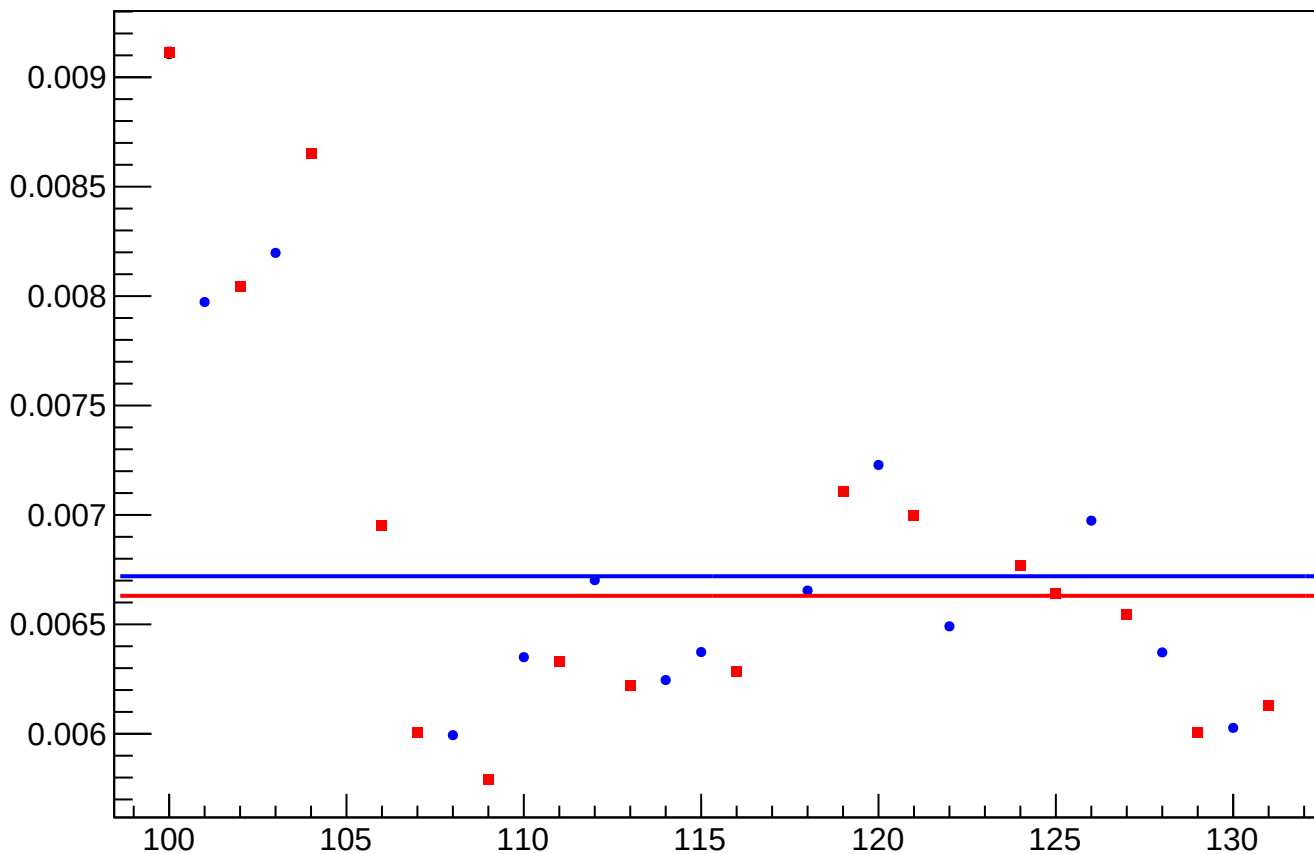
Right: 1.359+/-0.000 χ^2/NDF : 108452490625.0/28

In: 1.363+/-0.000 χ^2/NDF : 55187378218.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.359+/-0.000 χ^2/NDF : 108452490625.0

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 110307.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 166432.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

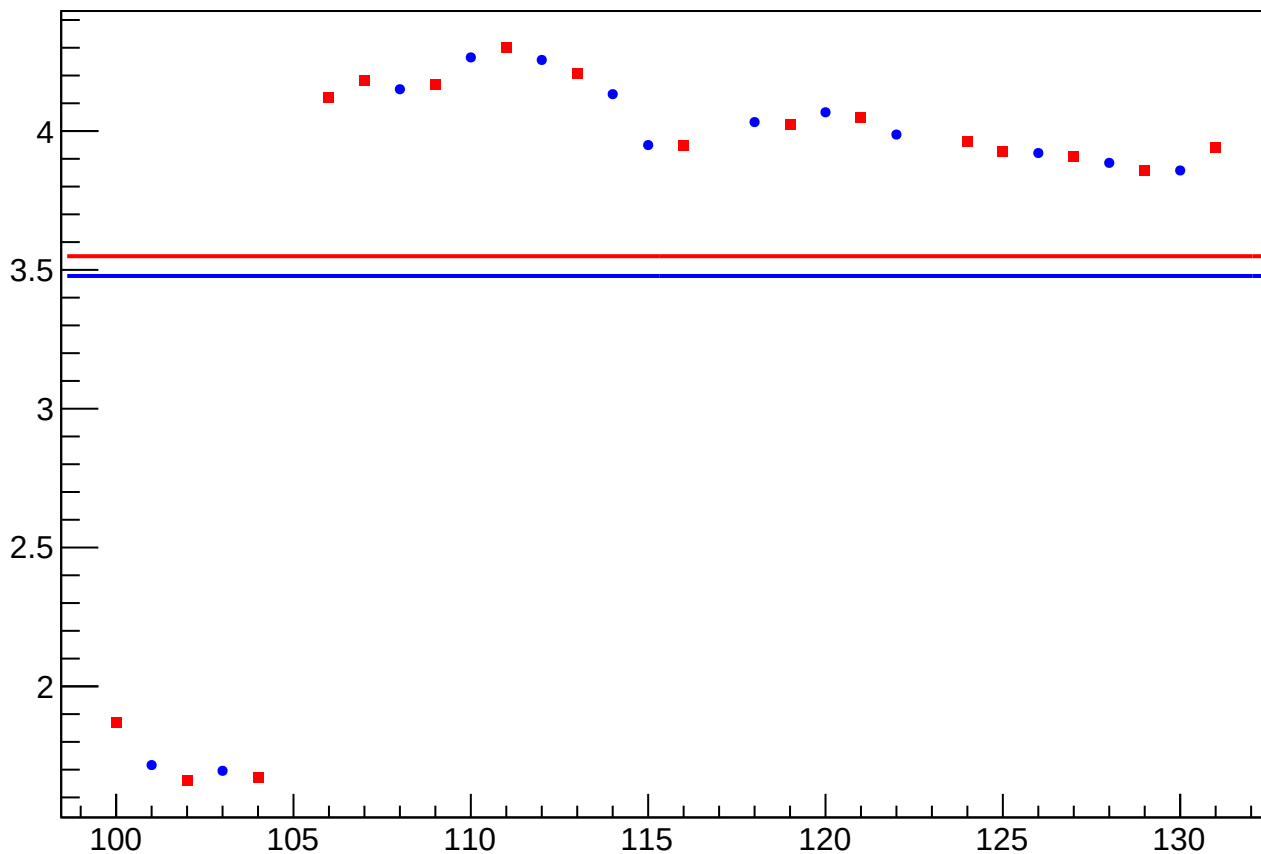
Right: 0.007+/-0.000 χ^2/NDF : 277782.5/28

In: 0.007+/-0.000 χ^2/NDF : 110307.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 277782.5/28

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.478+/-0.000 χ^2/NDF : 190058465348.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.549+/-0.000 χ^2/NDF : 202810257492.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

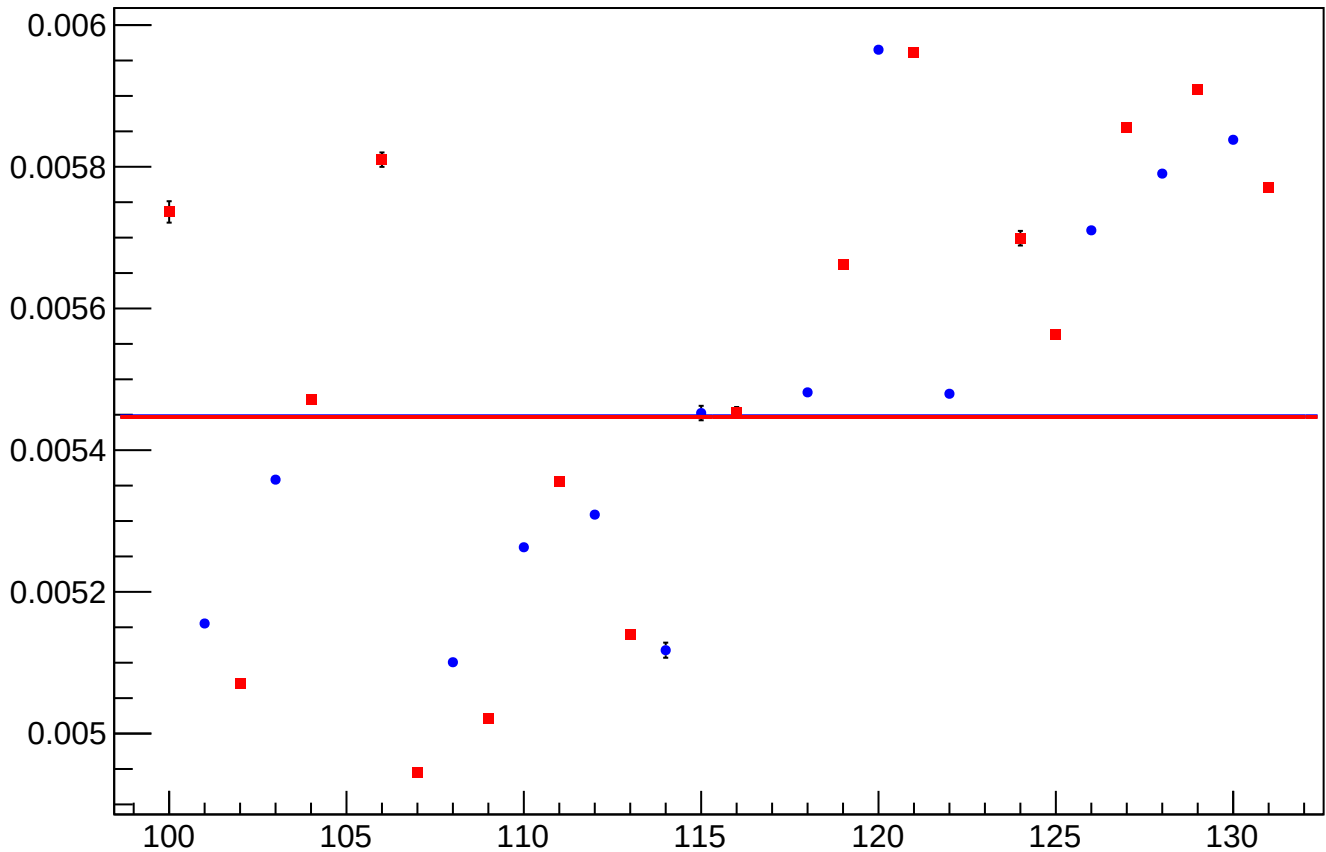
Right: 3.516+/-0.000 χ^2/NDF : 393364309714.0/28

In: 3.478+/-0.000 χ^2/NDF : 190058465348.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.516+/-0.000 χ^2/NDF : 393364309714.0

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 26072.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 46498.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

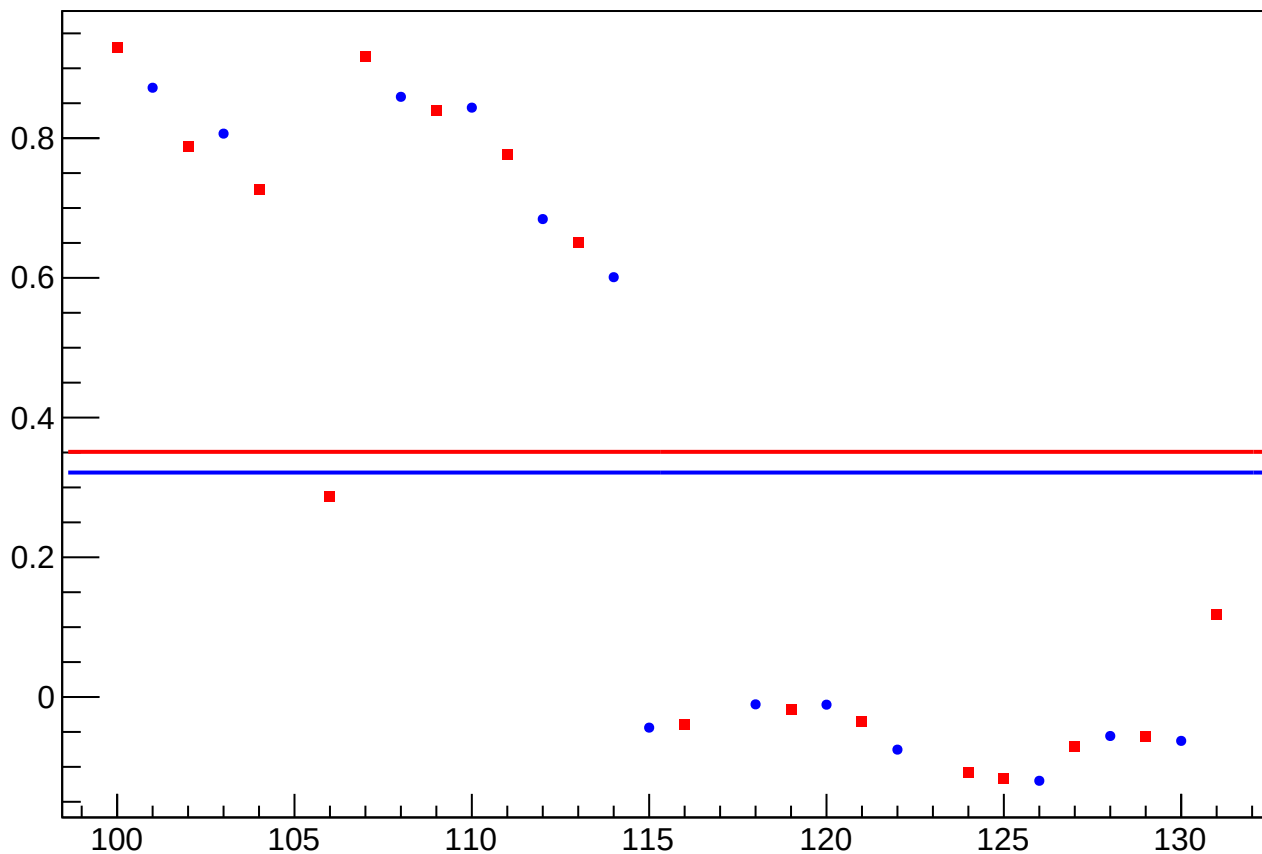
Right: 0.005+/-0.000 χ^2/NDF : 72570.9/28

In: 0.005+/-0.000 χ^2/NDF : 26072.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 72570.9/28

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.321+/-0.000

χ^2/NDF : 5138414922.8/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.337+/-0.000 χ^2/NDF : 10270234700.9/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.321+/-0.000 χ^2/NDF : 5138414922.8/12

Right Out: 0.351+/-0.000

χ^2/NDF : 5119031096.1/15

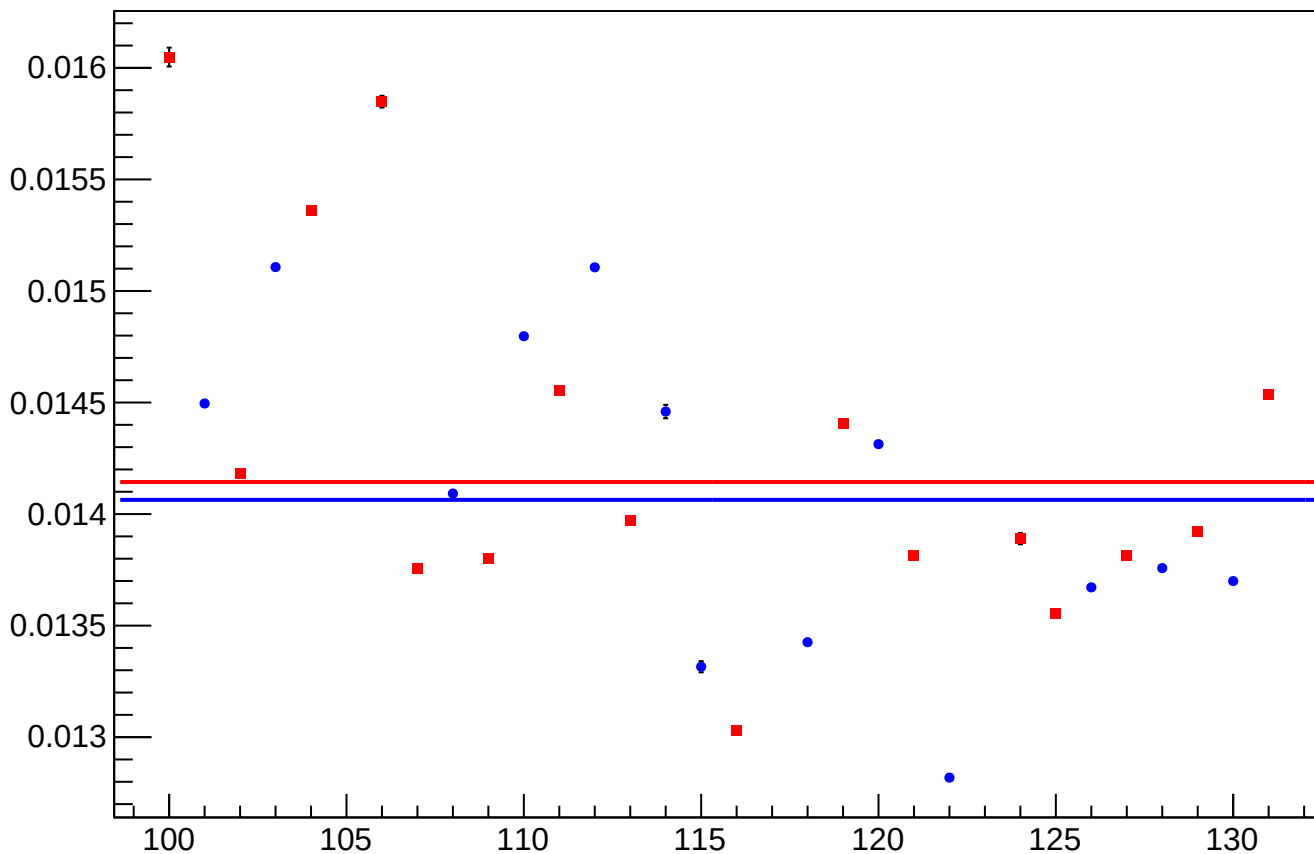
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.337+/-0.000 χ^2/NDF : 10270234700.9/28

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 26631.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 21958.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

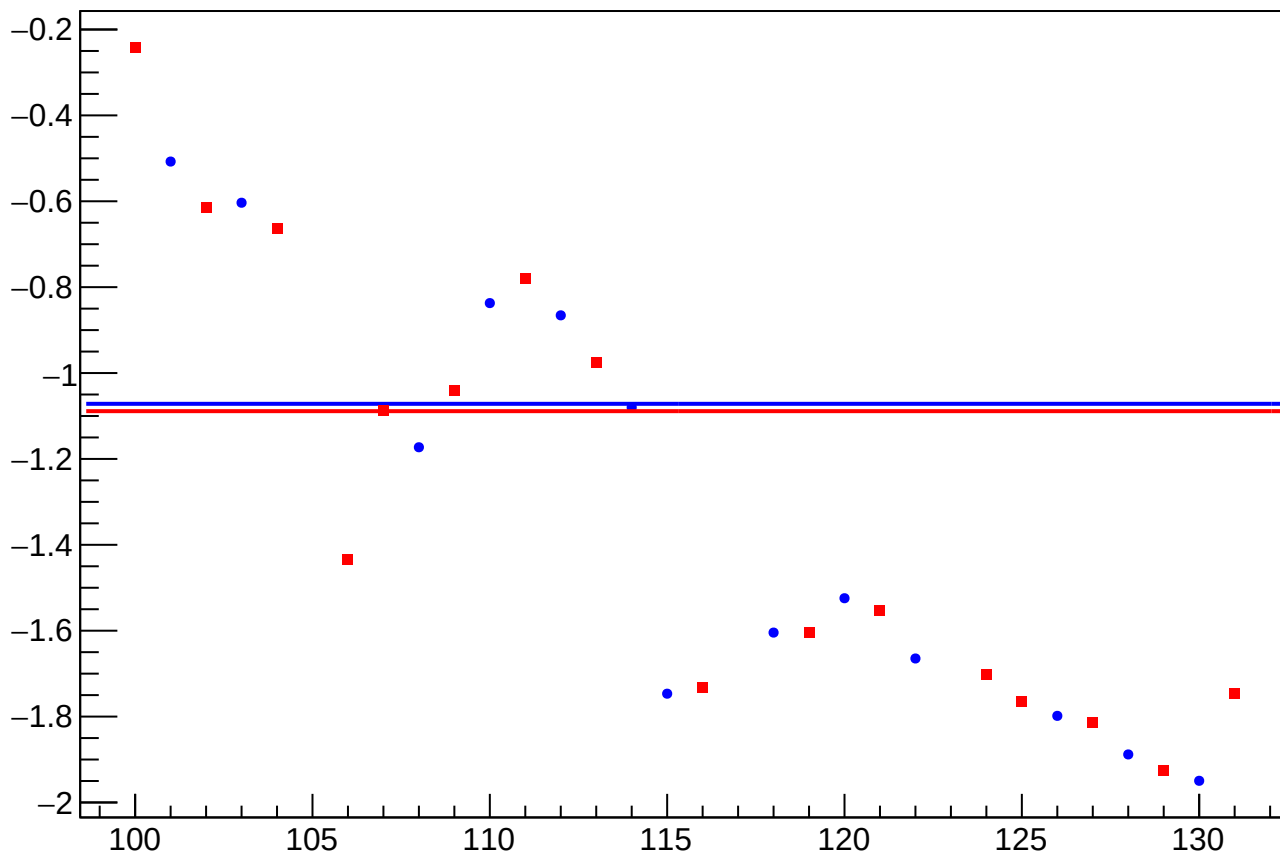
Right: 0.014+/-0.000 χ^2/NDF : 48776.4/28

In: 0.014+/-0.000 χ^2/NDF : 26631.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 48776.4/28

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.072+/-0.000 χ^2/NDF : 53460863497.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.089+/-0.000 χ^2/NDF : 46711222335.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

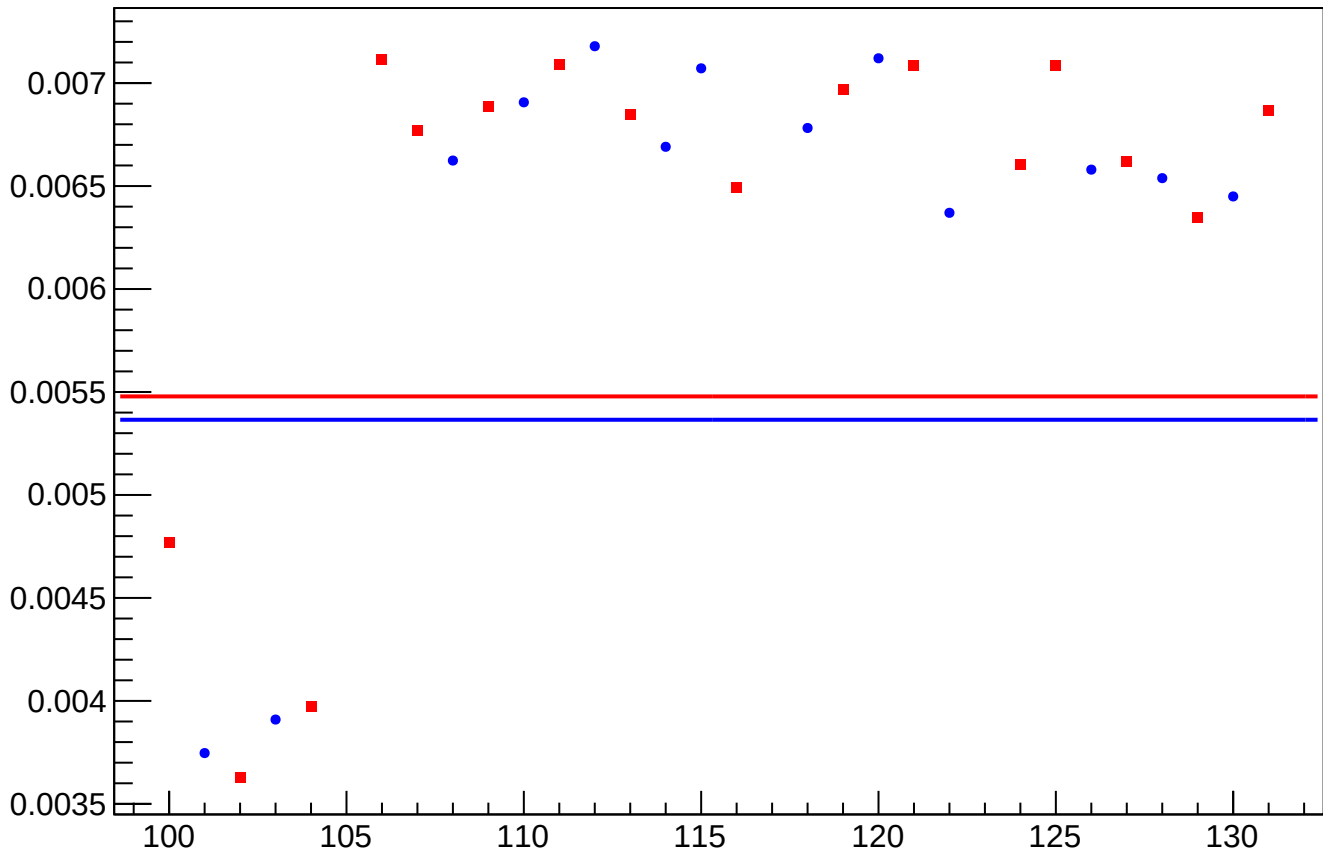
Right: -1.080+/-0.000 χ^2/NDF : 100197573334.9/28

In: -1.072+/-0.000 χ^2/NDF :53460863497.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.080+/-0.000 χ^2/NDF : 100197573334.9

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 712059.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 832350.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

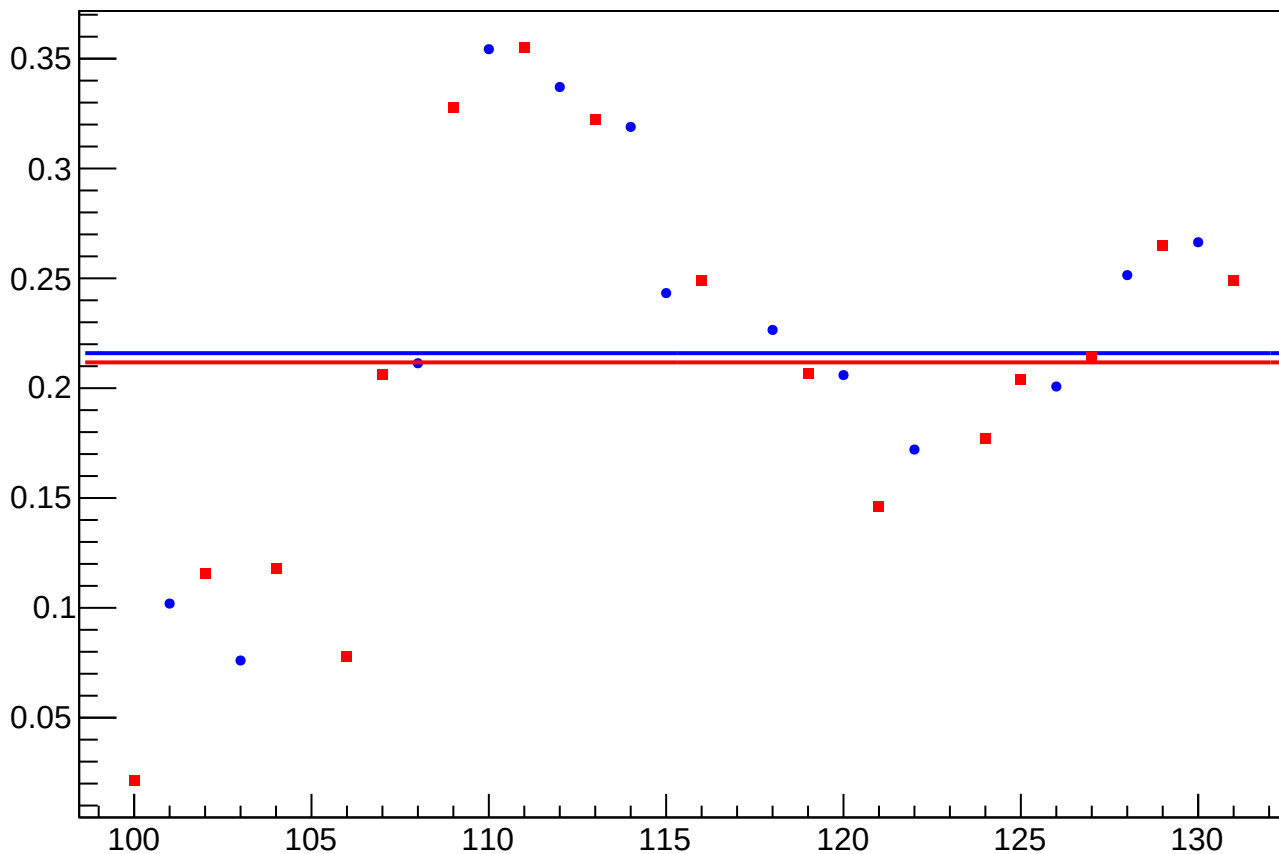
Right: 0.005+/-0.000 χ^2/NDF : 1546647.6/28

In: 0.005+/-0.000 χ^2/NDF :712059.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1546647.6/28

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.216+/-0.000 χ^2/NDF : 15796273048.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.212+/-0.000 χ^2/NDF : 21142916056.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

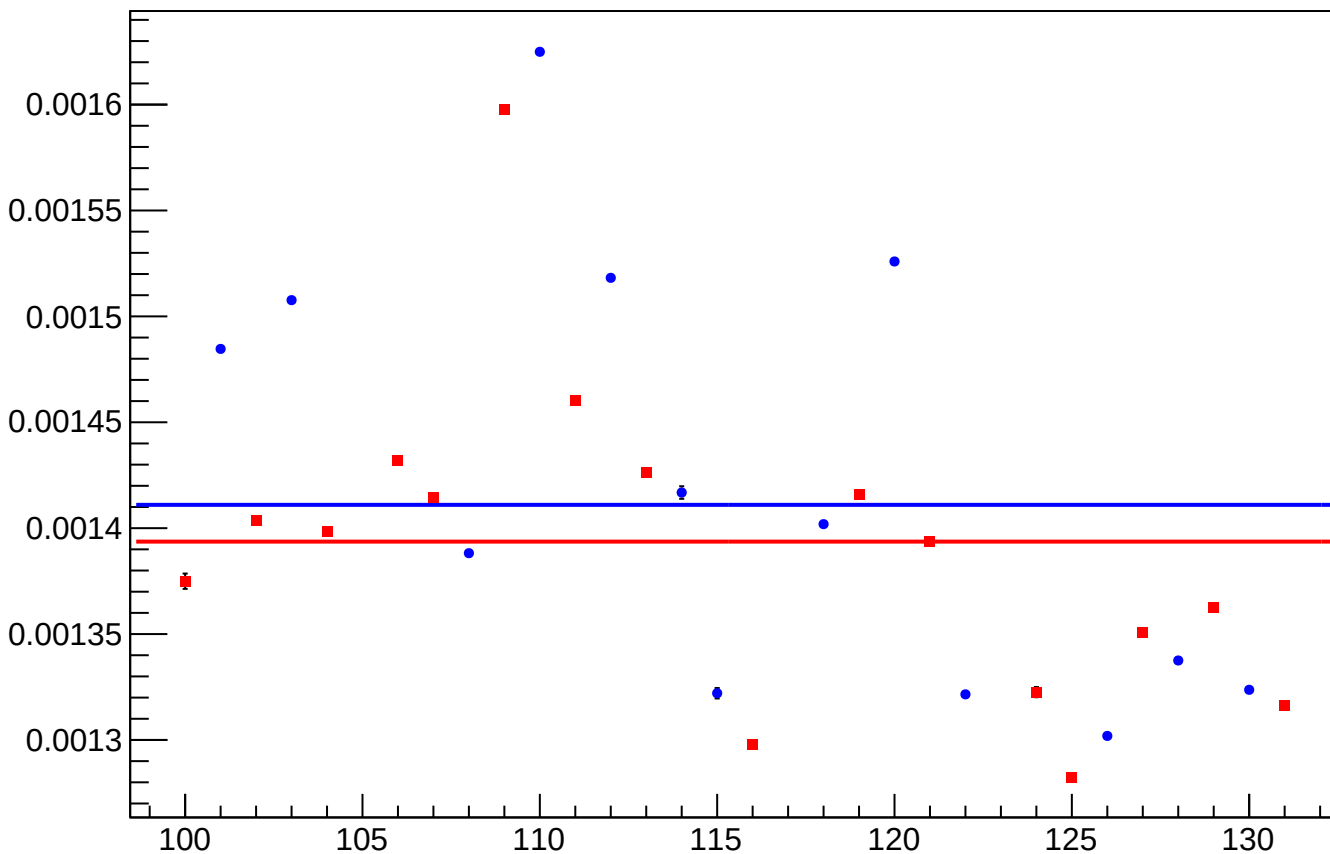
Right: 0.214+/-0.000 χ^2/NDF : 36964580782.4/28

In: 0.216+/-0.000 χ^2/NDF : 15796273048.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.214+/-0.000 χ^2/NDF : 36964580782.4/28

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 46290.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 32960.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

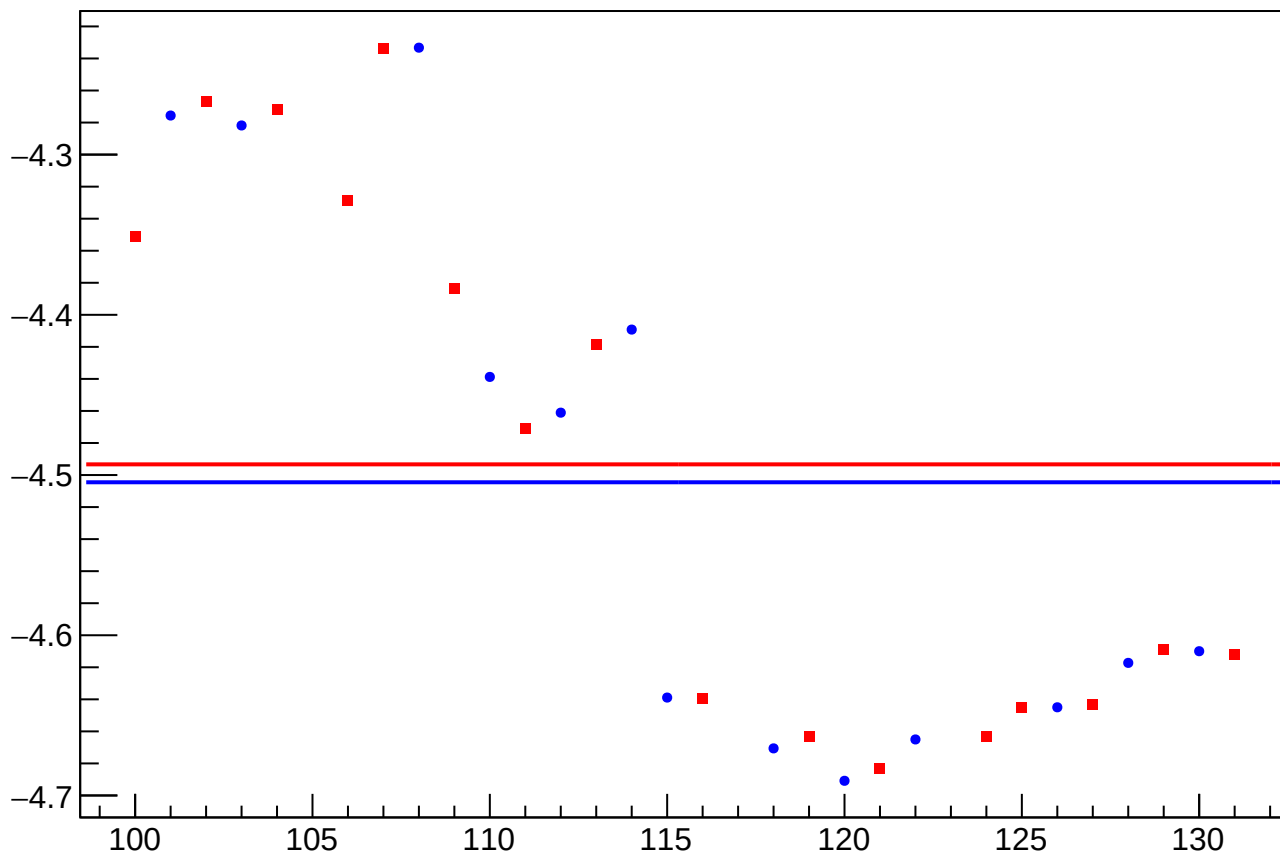
Right: 0.001+/-0.000 χ^2/NDF : 80120.9/28

In: 0.001+/-0.000 χ^2/NDF :46290.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 80120.9/28

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.505+/-0.000 χ^2/NDF : 56356191722.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.493+/-0.000 χ^2/NDF : 55397911334.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

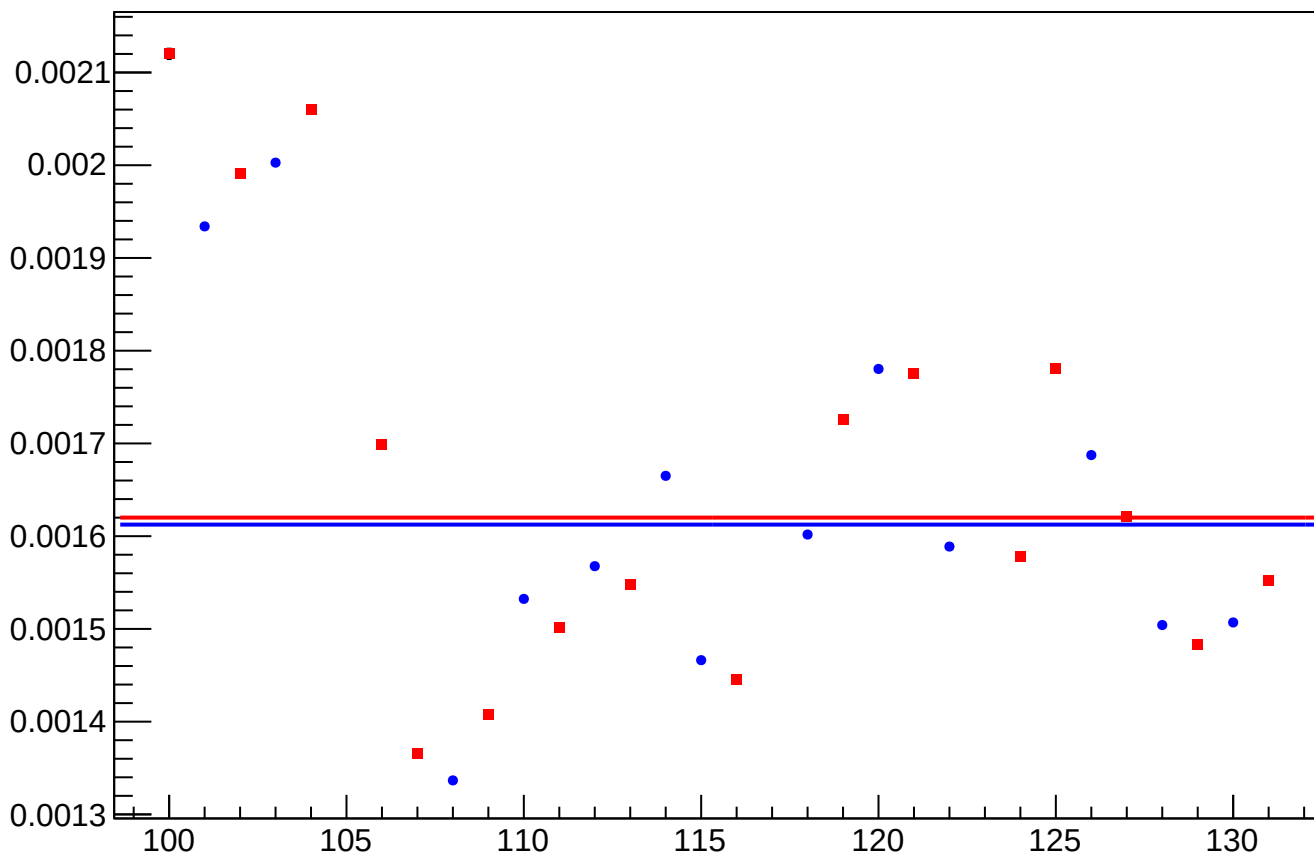
Right: -4.499+/-0.000 χ^2/NDF : 111888851620.4/28

In: -4.505+/-0.000 χ^2/NDF :56356191722.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.499+/-0.000 χ^2/NDF : 111888851620.4

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 138456.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 180729.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

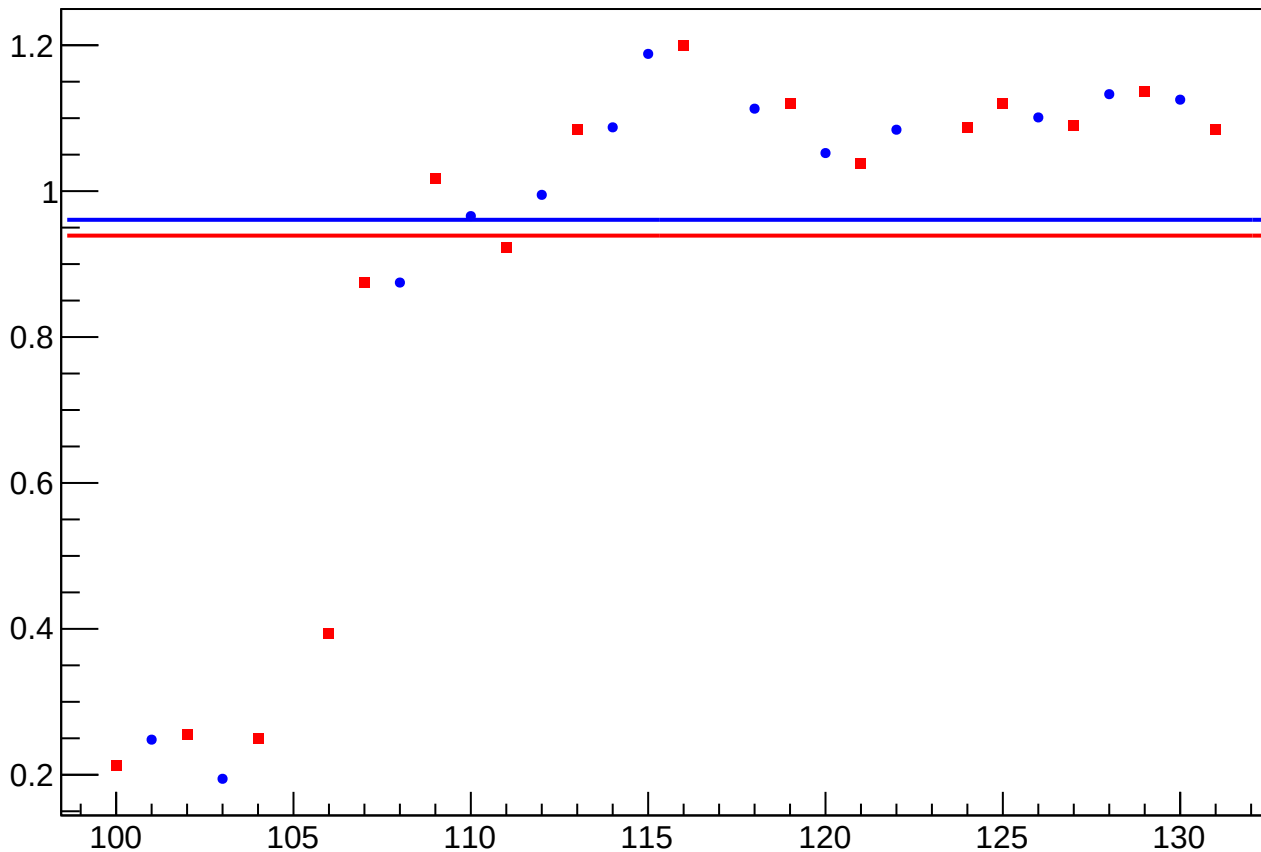
Right: 0.002+/-0.000 χ^2/NDF : 319309.2/28

In: 0.002+/-0.000 χ^2/NDF :138456.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

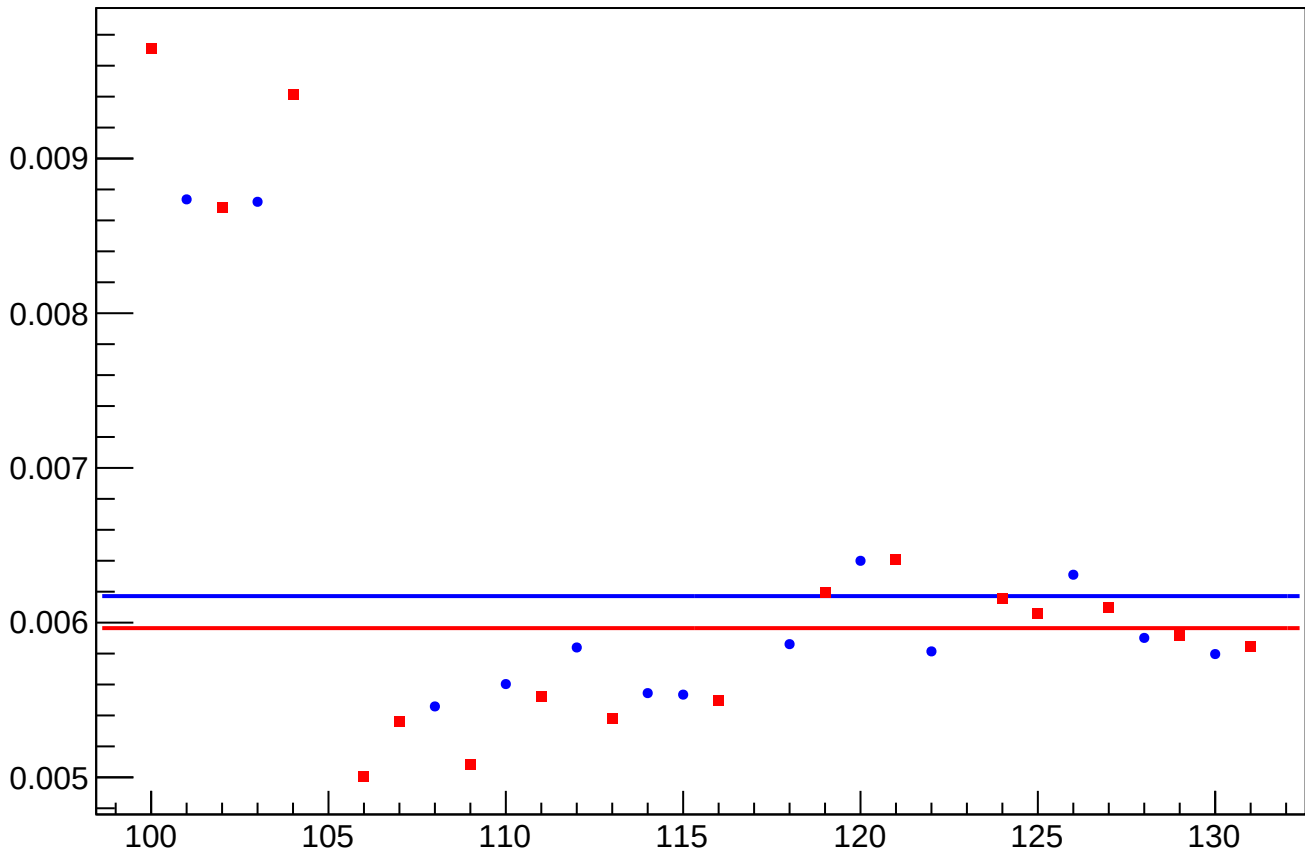
All: 0.002+/-0.000 χ^2/NDF : 319309.2/28

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.961+/-0.000	χ^2/NDF : 11040545710.6/12	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 0.949+/-0.000	χ^2/NDF : 25228243499.0/28
Right Out: 0.939+/-0.000	χ^2/NDF : 14151295905.7/15	In: 0.961+/-0.000	χ^2/NDF : 11040545710.6/12
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 0.949+/-0.000	χ^2/NDF : 25228243499.0/28

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 259445.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 378169.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

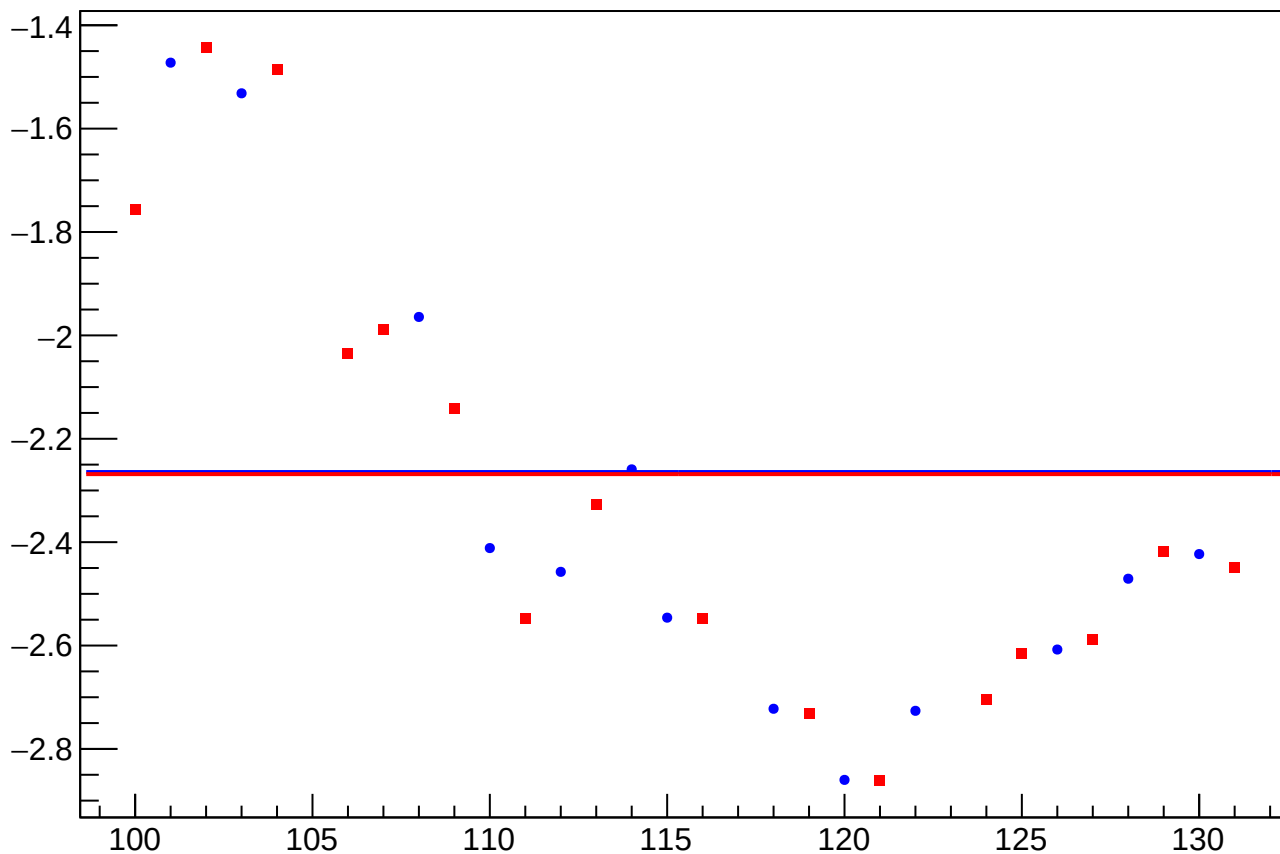
Right: 0.006+/-0.000 χ^2/NDF : 644255.8/28

In: 0.006+/-0.000 χ^2/NDF :259445.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 644255.8/28

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.264+/-0.000 χ^2/NDF : 37277805900.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.268+/-0.000 χ^2/NDF : 38325788996.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

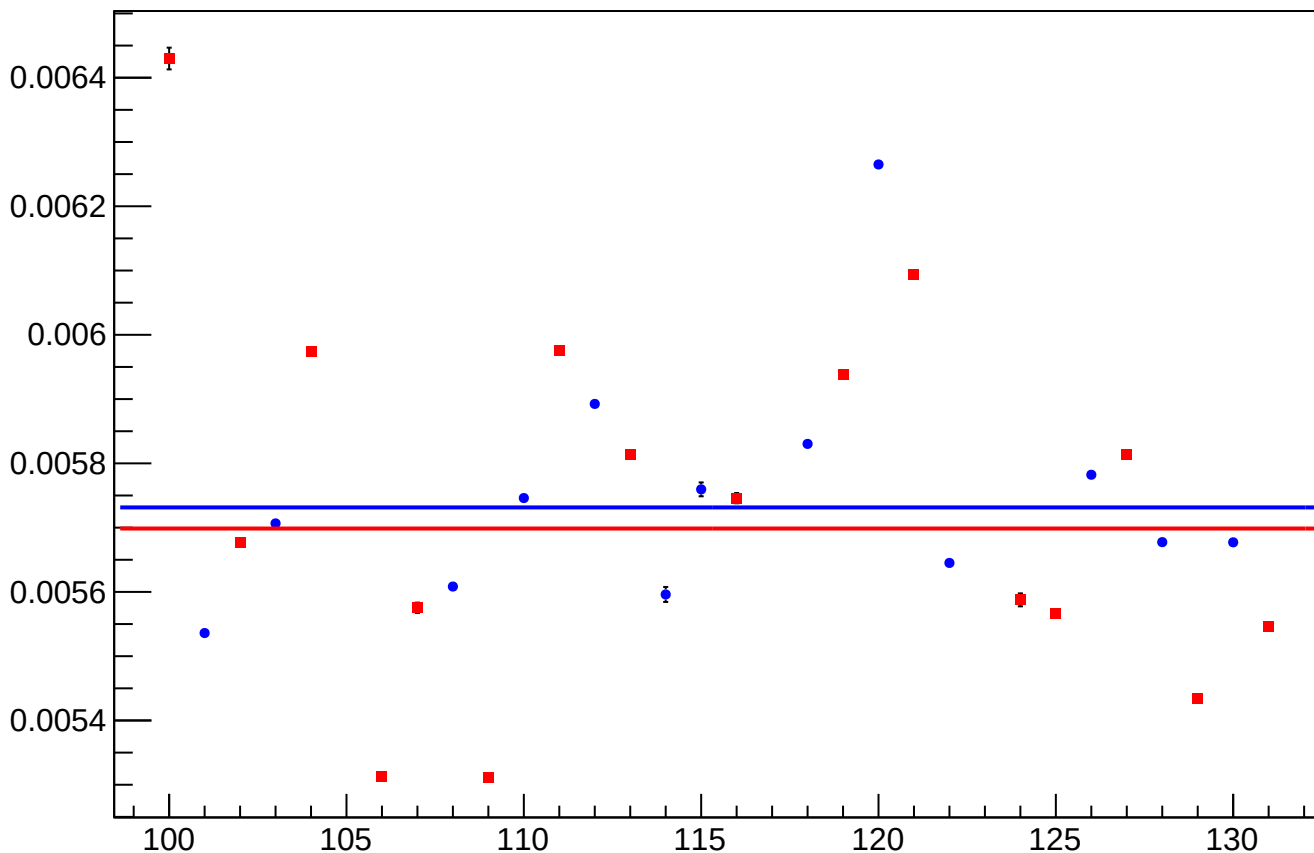
Right: -2.267+/-0.000 χ^2/NDF : 75605029075.5/28

In: -2.264+/-0.000 χ^2/NDF : 37277805900.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.267+/-0.000 χ^2/NDF : 75605029075.5/28

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8735.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 24825.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

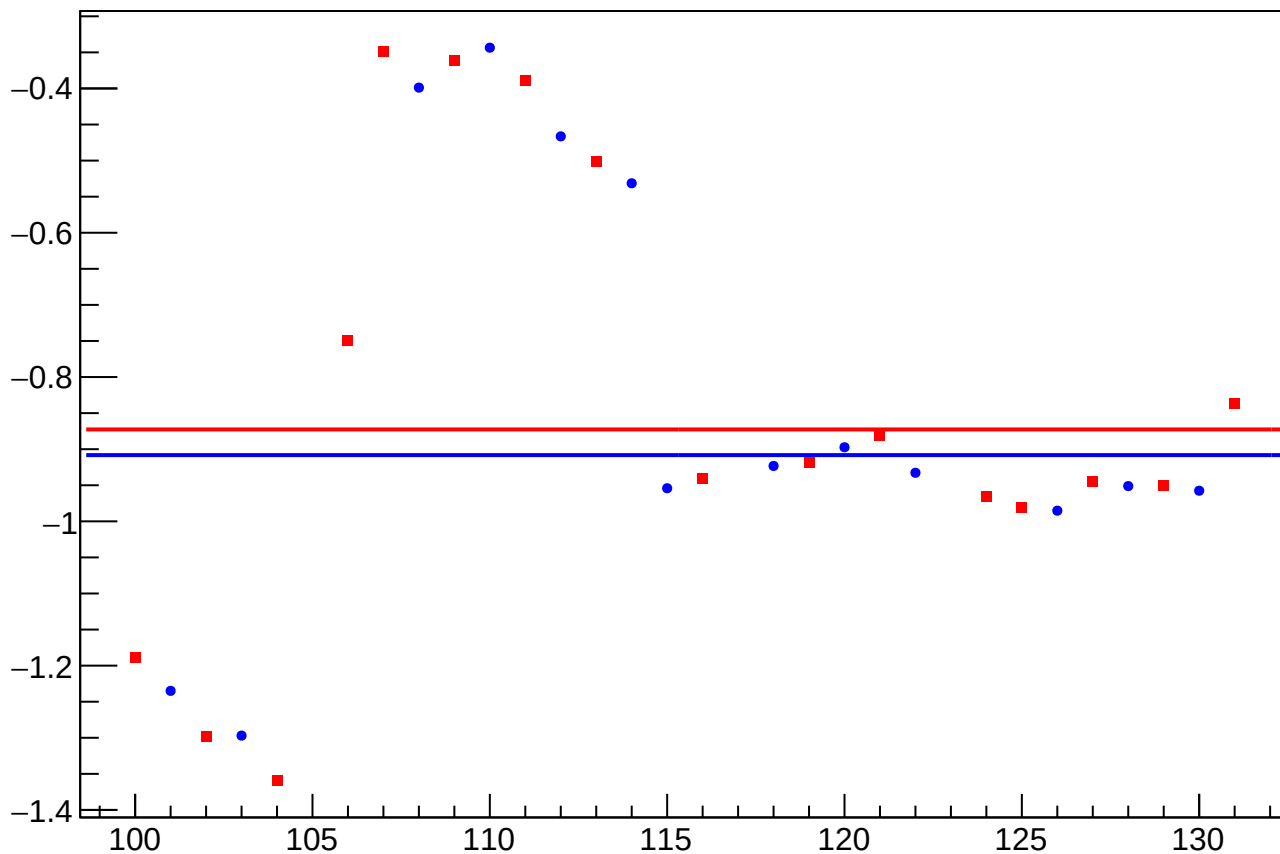
Right: 0.006+/-0.000 χ^2/NDF : 33755.9/28

In: 0.006+/-0.000 χ^2/NDF :8735.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 33755.9/28

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.908+/-0.000 χ^2/NDF : 4162295946.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.873+/-0.000 χ^2/NDF : 5765821849.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

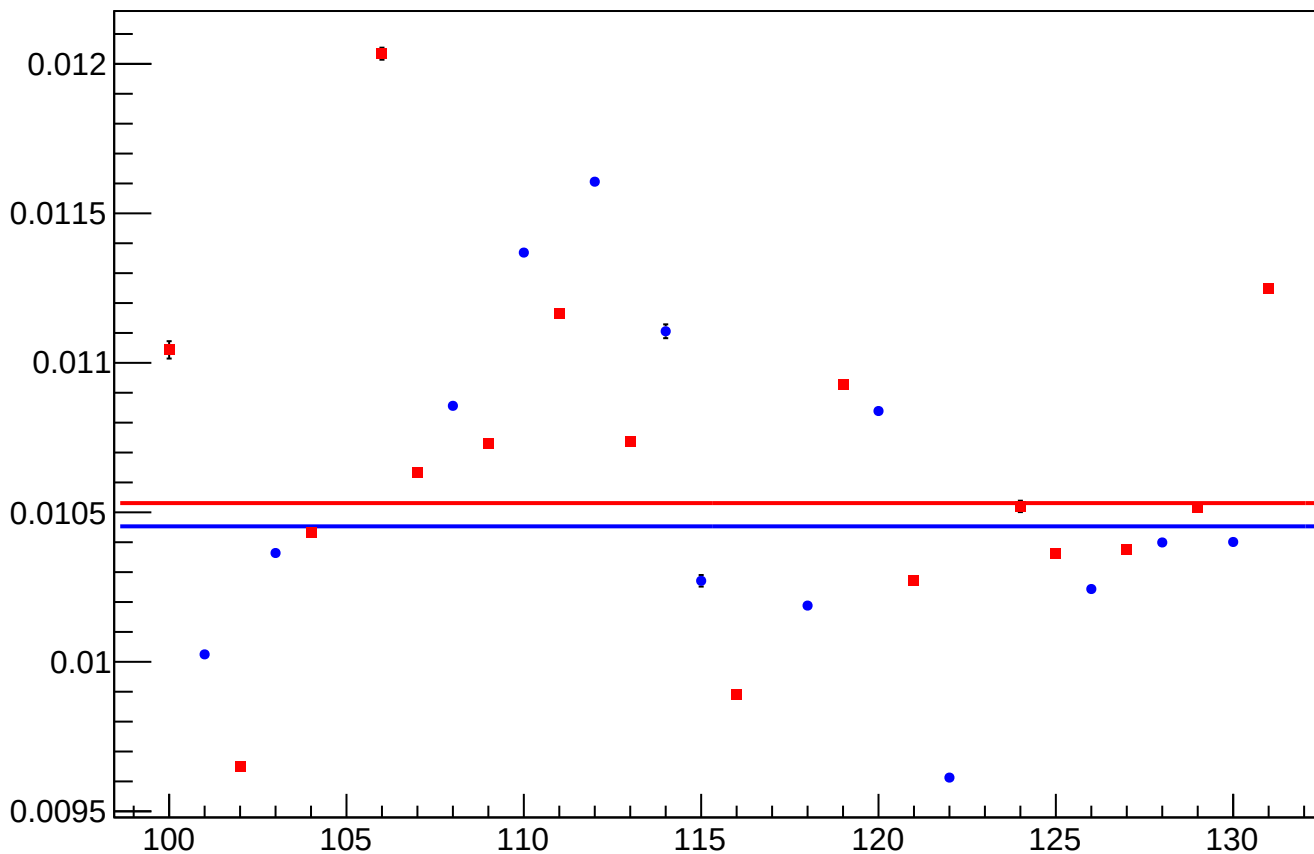
Right: -0.889+/-0.000 χ^2/NDF : 9961179245.3/28

In: -0.908+/-0.000 χ^2/NDF :4162295946.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.889+/-0.000 χ^2/NDF : 9961179245.3/28

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 26928.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 28200.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

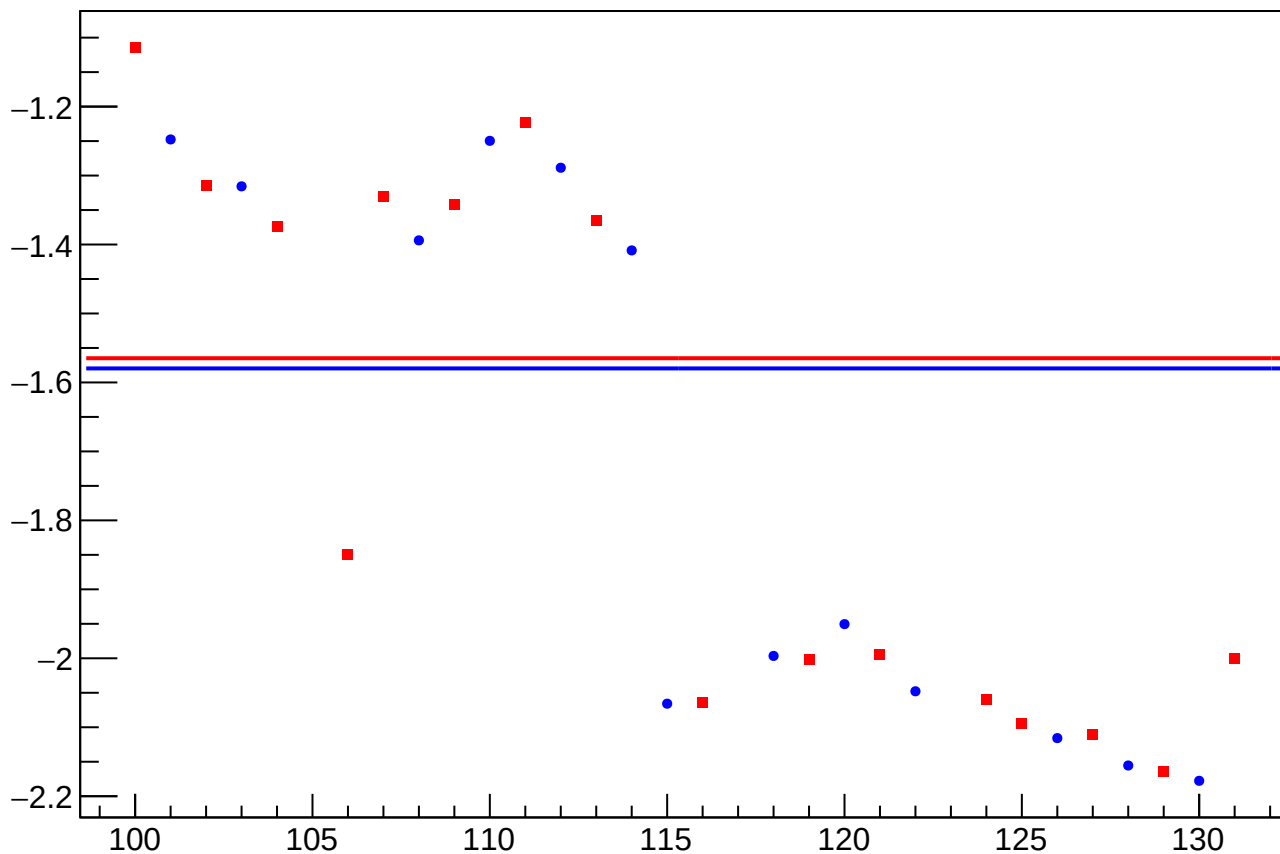
Right: 0.010+/-0.000 χ^2/NDF : 55444.1/28

In: 0.010+/-0.000 χ^2/NDF : 26928.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 55444.1/28

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.580+/-0.000 χ^2/NDF : 121715428587.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.565+/-0.000 χ^2/NDF : 111690868144.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

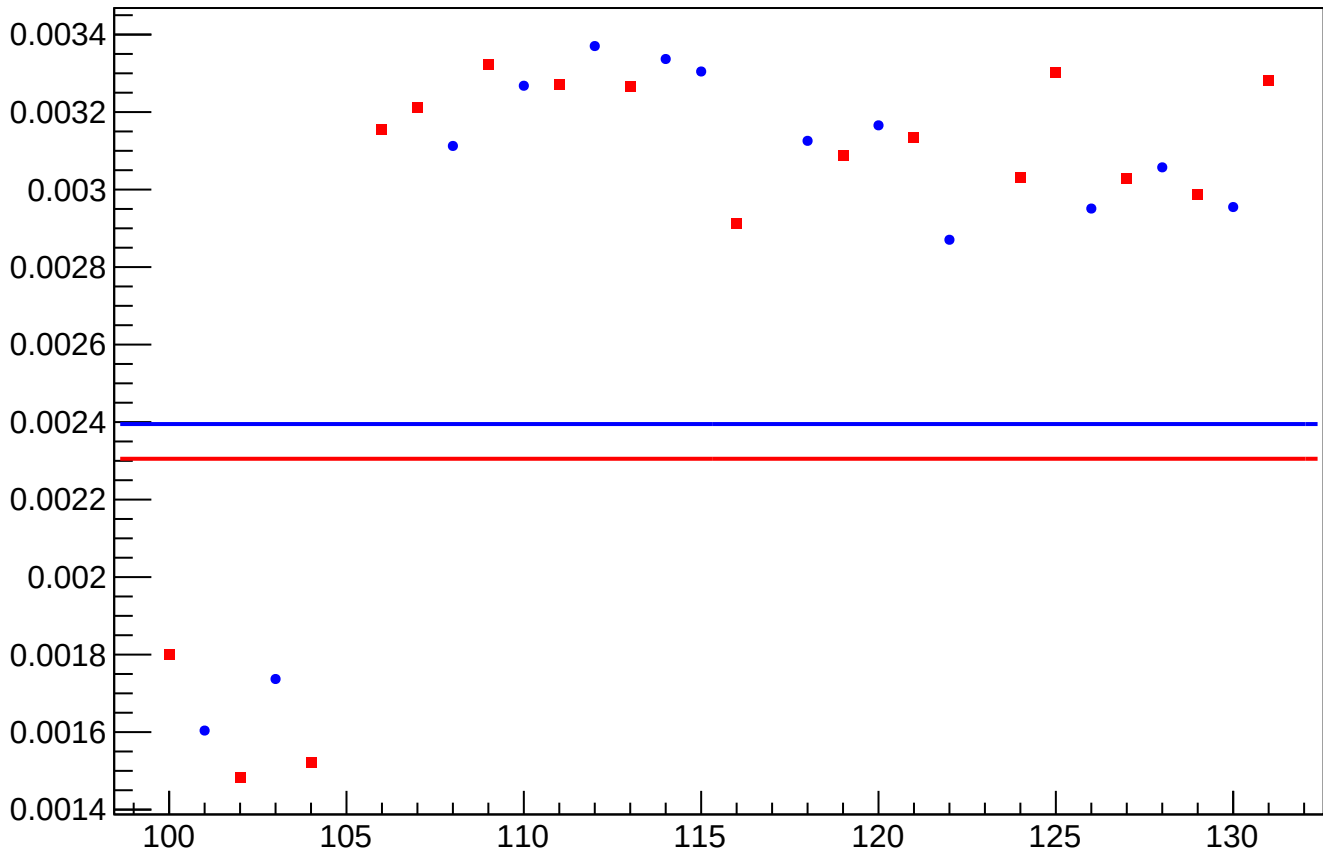
Right: -1.572+/-0.000 χ^2/NDF : 233500879599.4/28

In: -1.580+/-0.000 χ^2/NDF : 121715428587.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.572+/-0.000 χ^2/NDF : 233500879599.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 847466.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1277079.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

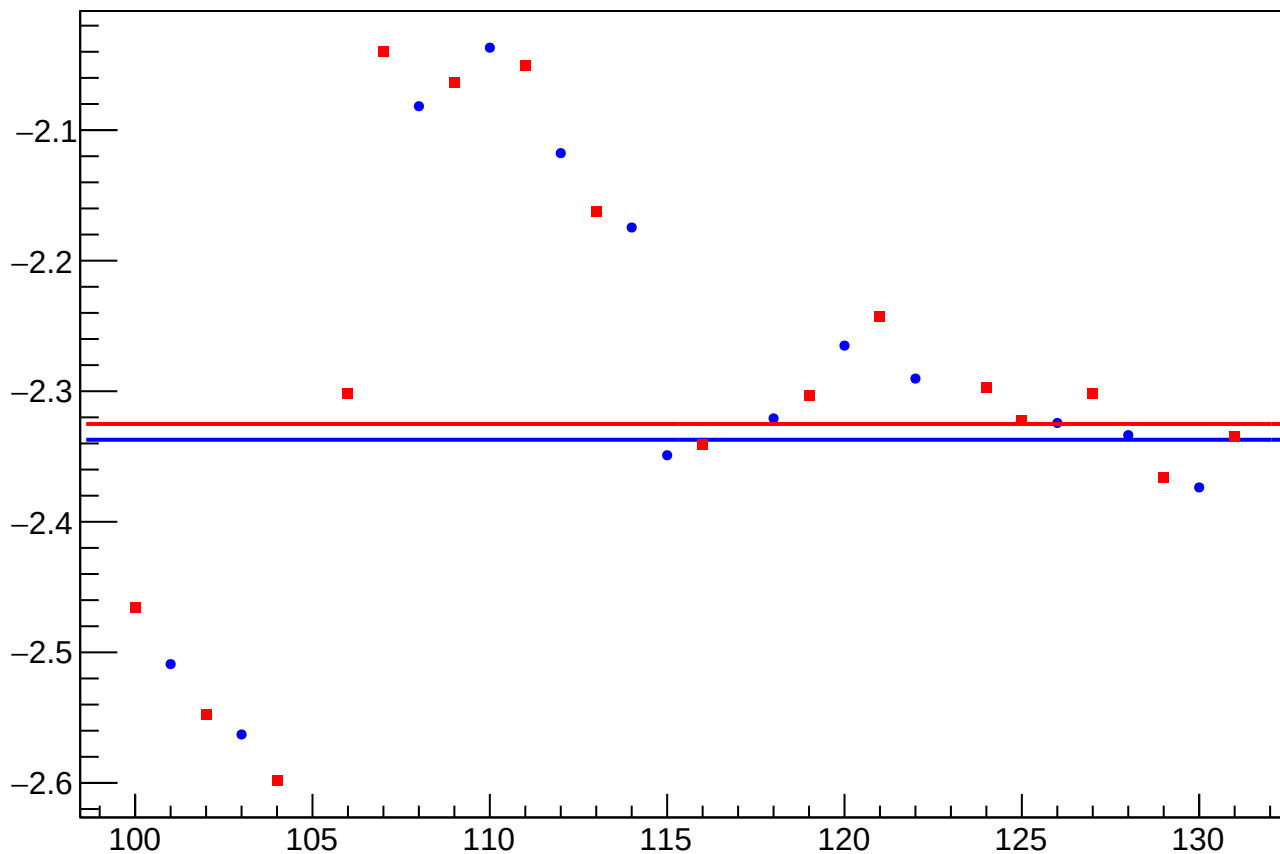
Right: 0.002+/-0.000 χ^2/NDF : 2131501.4/28

In: 0.002+/-0.000 χ^2/NDF :847466.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

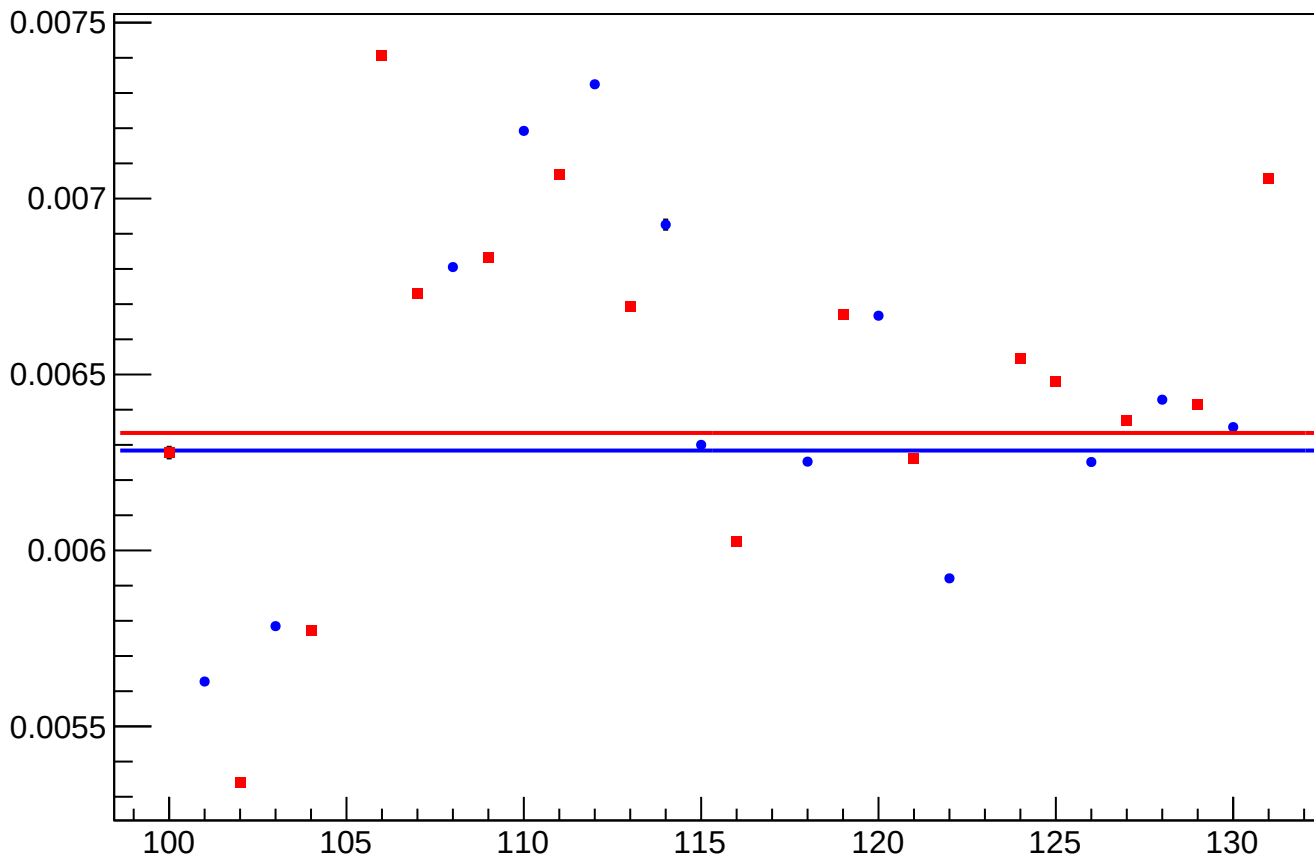
All: 0.002+/-0.000 χ^2/NDF : 2131501.4/28

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.337+/-0.000 χ^2/NDF : 3234586358.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.325+/-0.000 χ^2/NDF : 4547801843.9/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.331+/-0.000 χ^2/NDF : 7792772585.6/28
 In: -2.337+/-0.000 χ^2/NDF :3234586358.4/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -2.331+/-0.000 χ^2/NDF : 7792772585.6/28

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 69494.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 94392.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

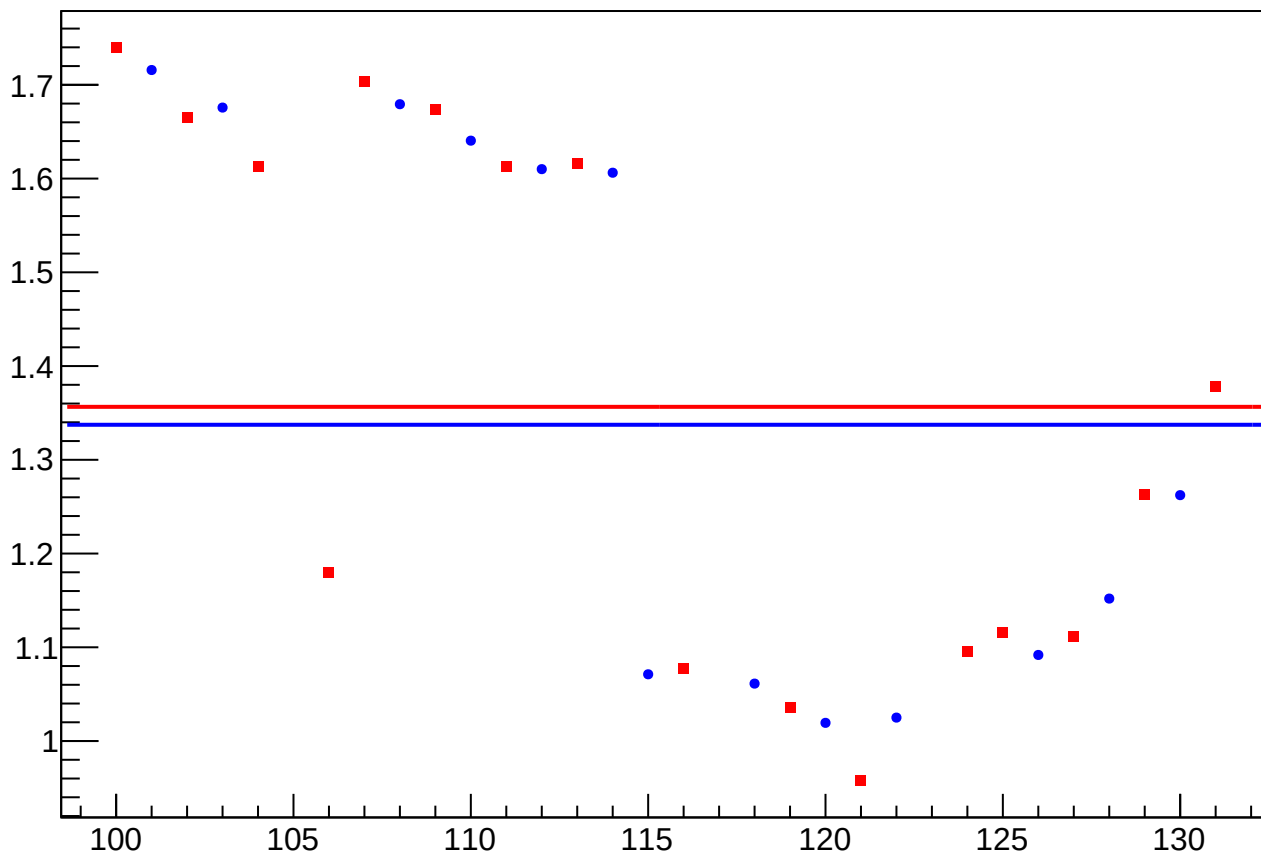
Right: 0.006+/-0.000 χ^2/NDF : 164241.4/28

In: 0.006+/-0.000 χ^2/NDF : 69494.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 164241.4/28

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.337+/-0.000

χ^2/NDF : 100287523339.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.347+/-0.000 χ^2/NDF : 205469843331.2/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.357+/-0.000

χ^2/NDF : 104932785990.4/15

In: 1.337+/-0.000 χ^2/NDF : 100287523339.7/12

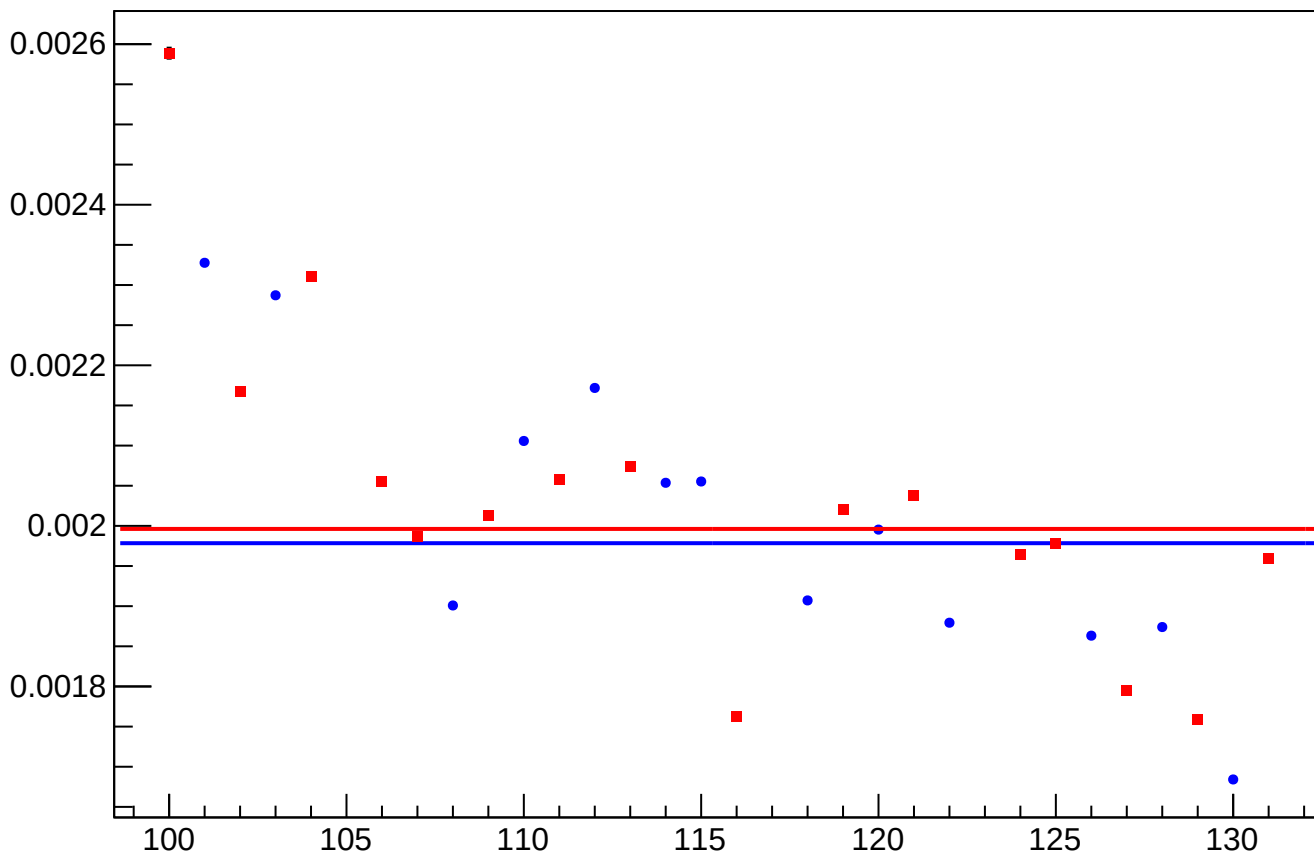
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.347+/-0.000 χ^2/NDF : 205469843331.2

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 100616.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 71964.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

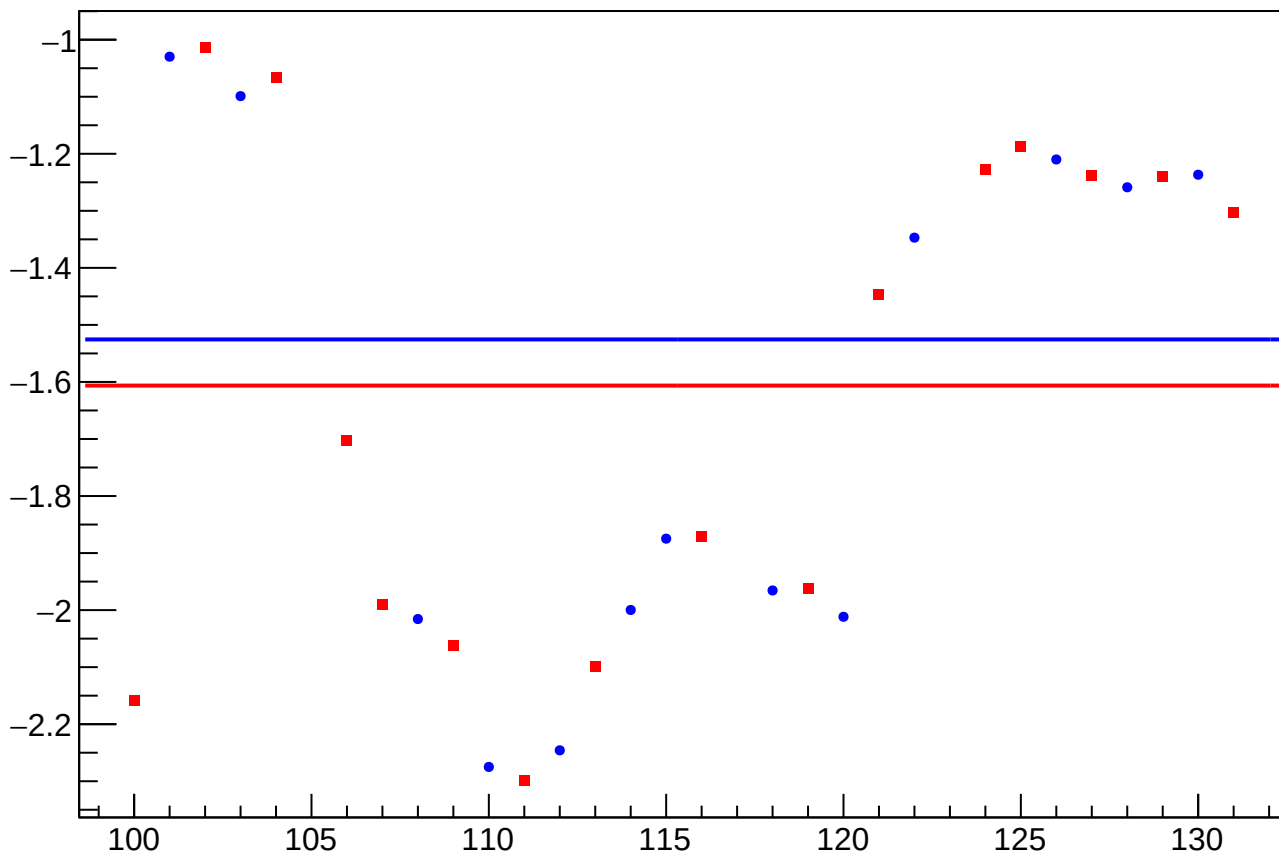
Right: 0.002+/-0.000 χ^2/NDF : 173011.3/28

In: 0.002+/-0.000 χ^2/NDF : 100616.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 173011.3/28

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.525+/-0.000 χ^2/NDF : 22174328545.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.606+/-0.000 χ^2/NDF : 28262318663.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

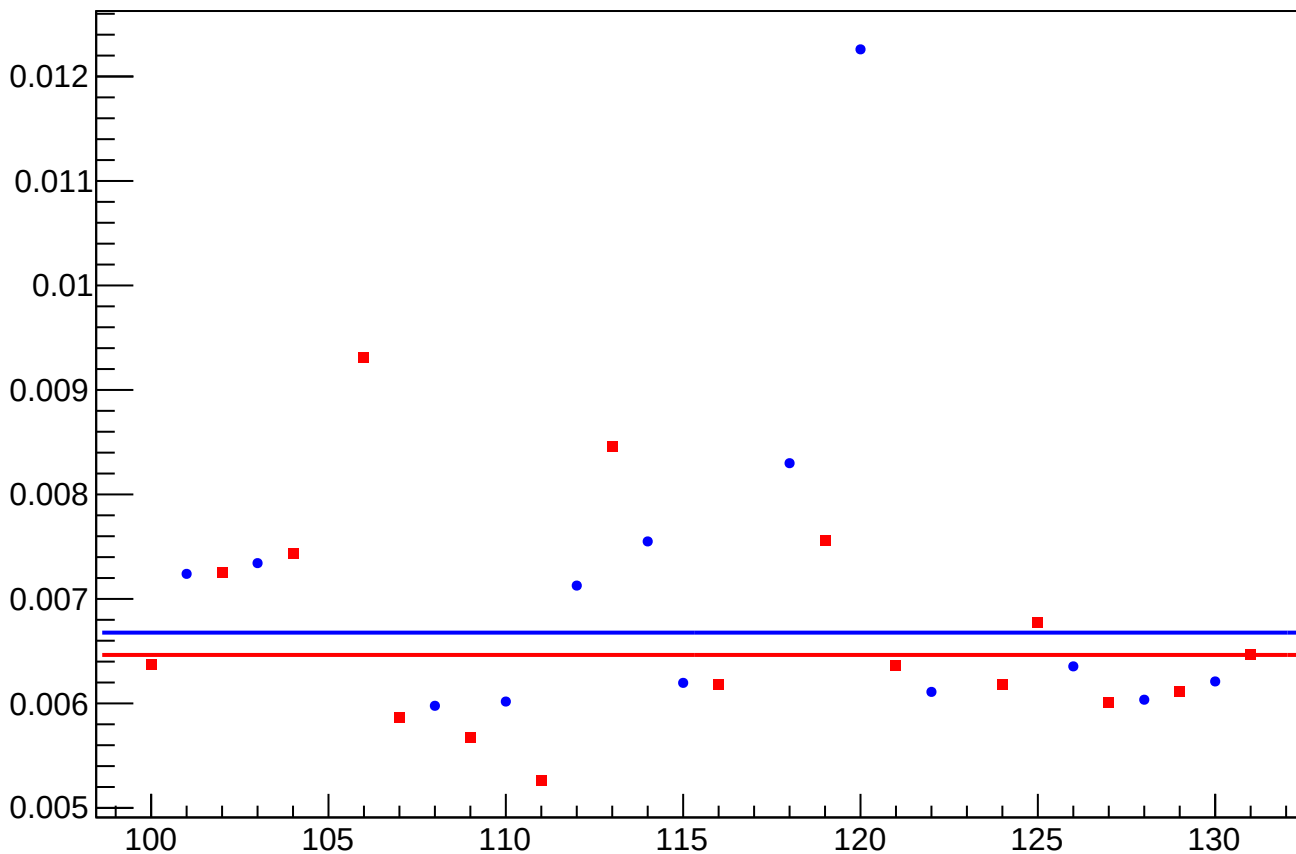
Right: -1.571+/-0.000 χ^2/NDF : 50835576194.5/28

In: -1.525+/-0.000 χ^2/NDF :22174328545.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.571+/-0.000 χ^2/NDF : 50835576194.5/28

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 216864.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 220636.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

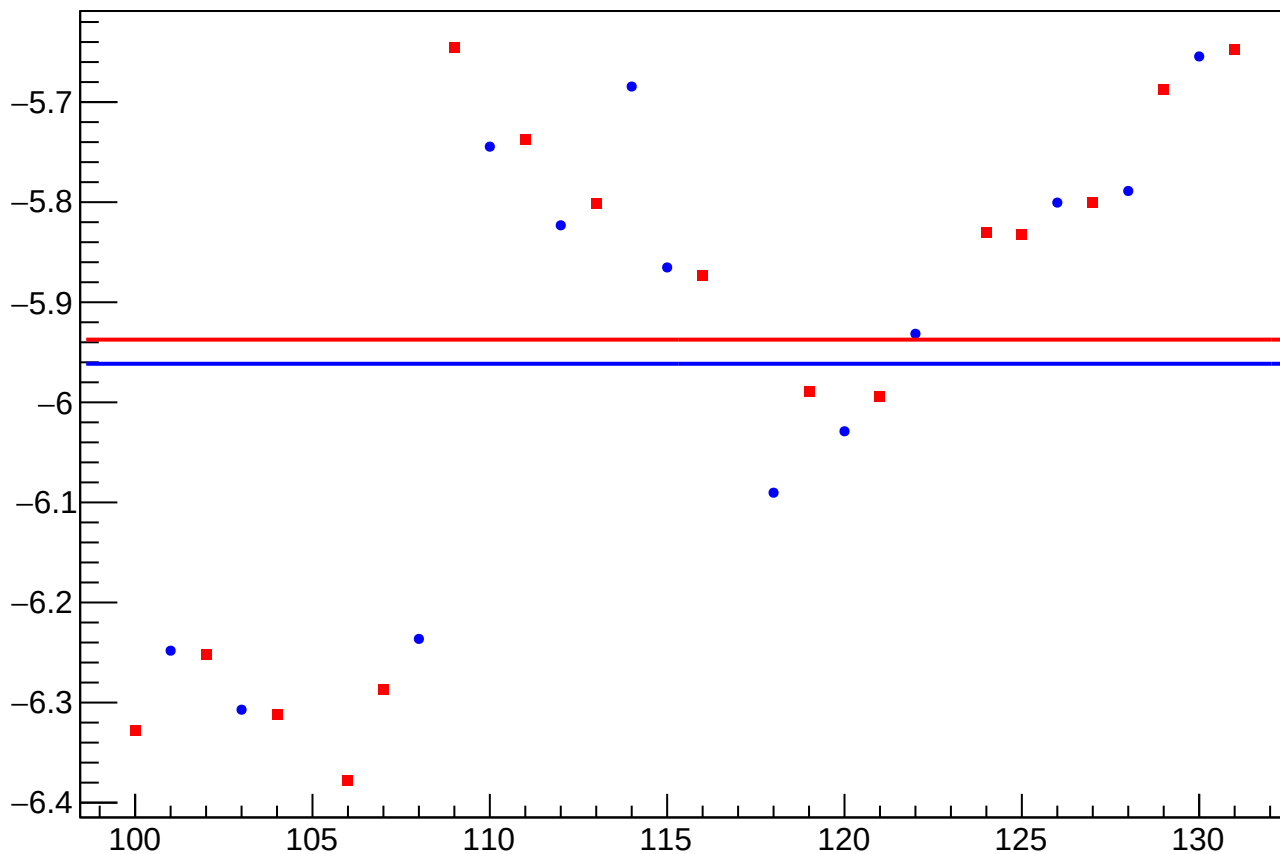
Right: 0.007+/-0.000 χ^2/NDF : 443060.5/28

In: 0.007+/-0.000 χ^2/NDF : 216864.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 443060.5/28

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.961+/-0.000 χ^2/NDF : 9588444182.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.937+/-0.000 χ^2/NDF : 12099625768.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

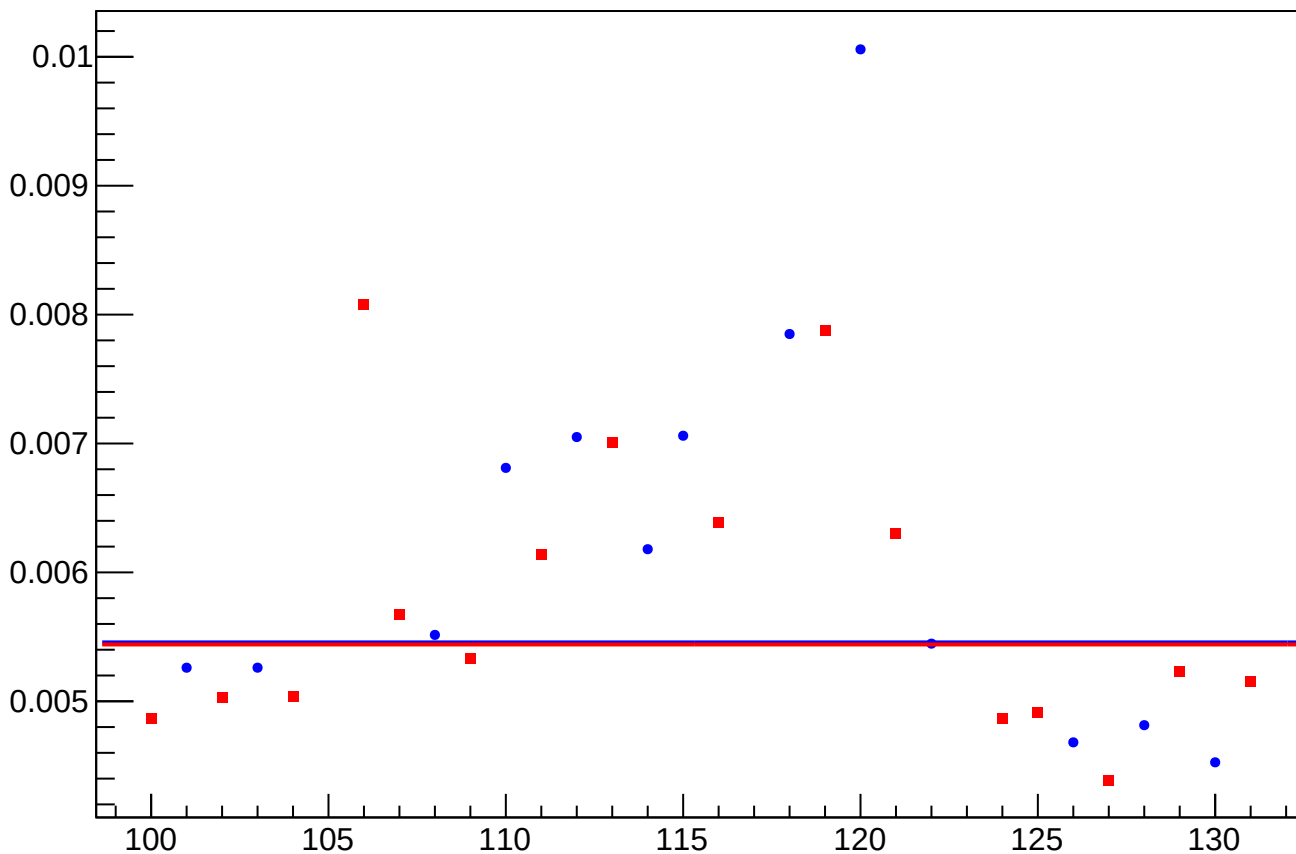
Right: -5.949+/-0.000 χ^2/NDF : 21738796595.8/28

In: -5.961+/-0.000 χ^2/NDF :9588444182.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.949+/-0.000 χ^2/NDF : 21738796595.8/28

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 369922.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 300862.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

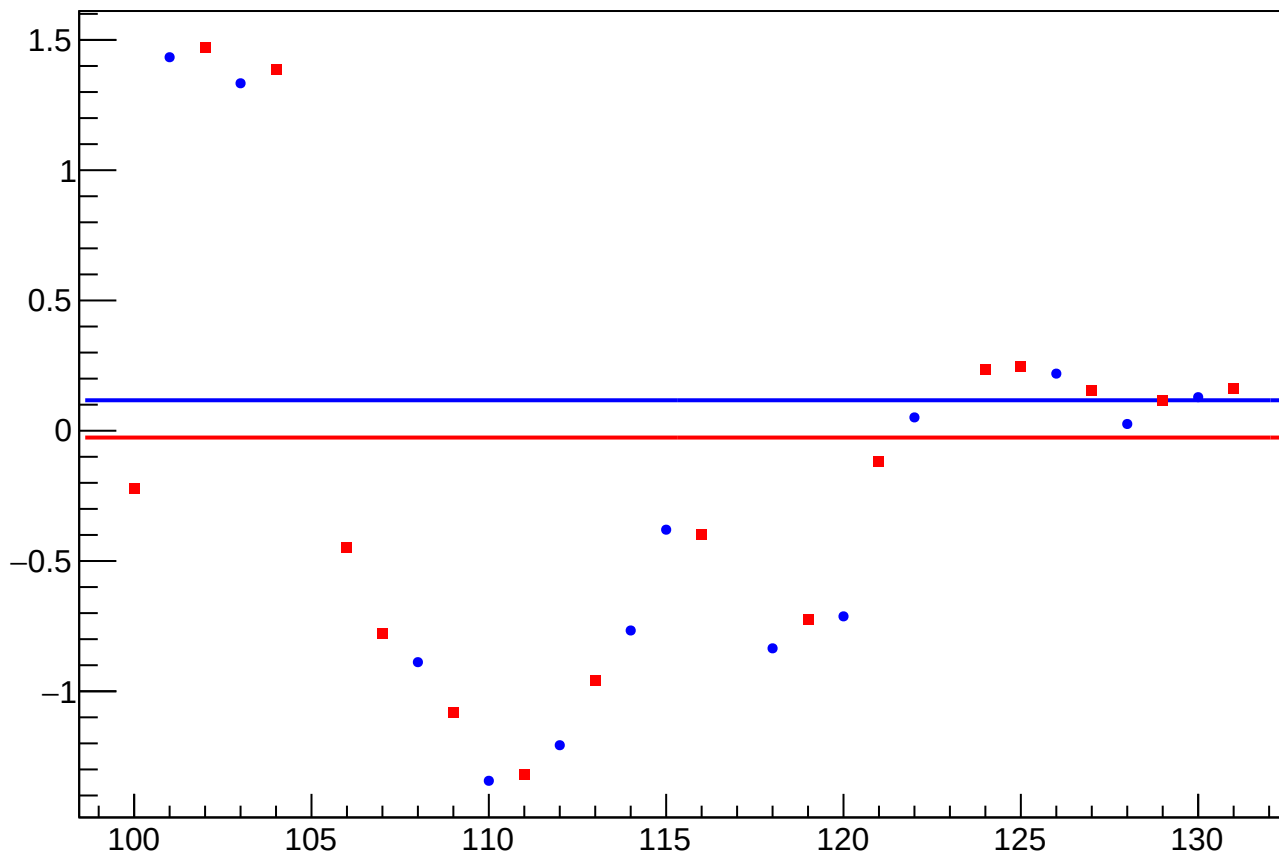
Right: 0.005+/-0.000 χ^2/NDF : 670828.9/28

In: 0.005+/-0.000 χ^2/NDF : 369922.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 670828.9/28

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.117+/-0.000 χ^2/NDF : 17386908878.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.026+/-0.000 χ^2/NDF : 22080164819.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

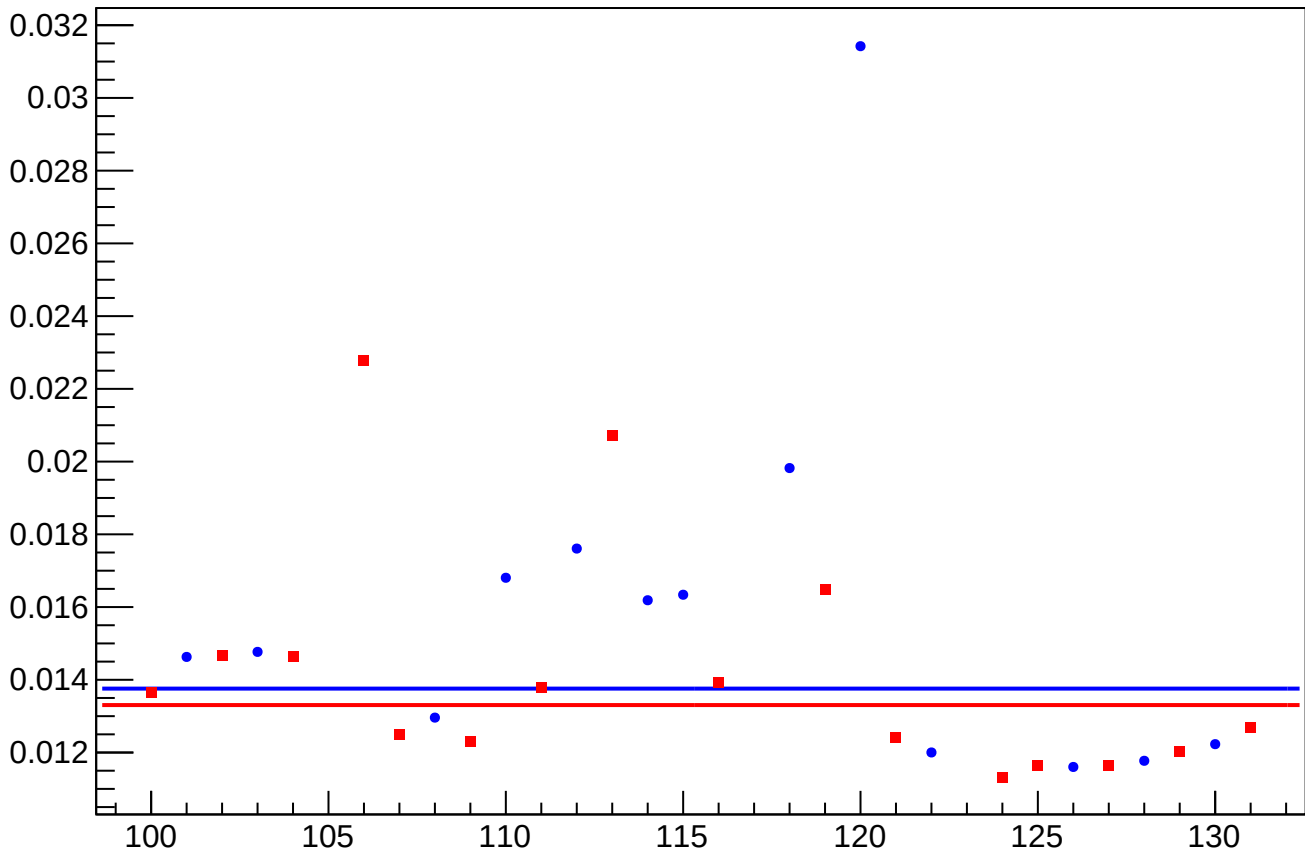
Right: 0.037+/-0.000 χ^2/NDF : 39754860797.5/28

In: 0.117+/-0.000 χ^2/NDF :17386908878.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.000 χ^2/NDF : 39754860797.5/28

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 409669.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 280331.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

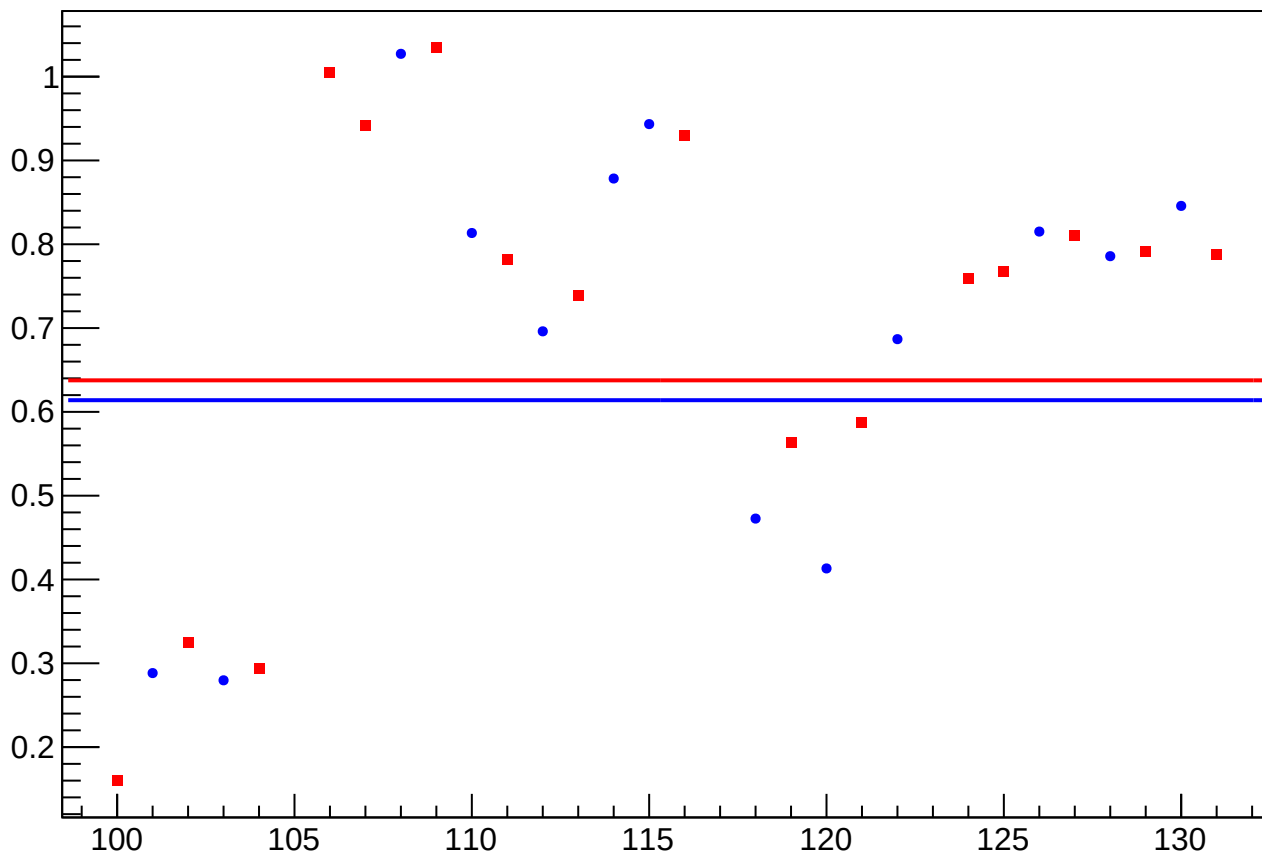
Right: 0.014+/-0.000 χ^2/NDF : 695757.8/28

In: 0.014+/-0.000 χ^2/NDF :409669.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 695757.8/28

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.614+/-0.000 χ^2/NDF : 5370263717.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.638+/-0.000 χ^2/NDF : 5902726155.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

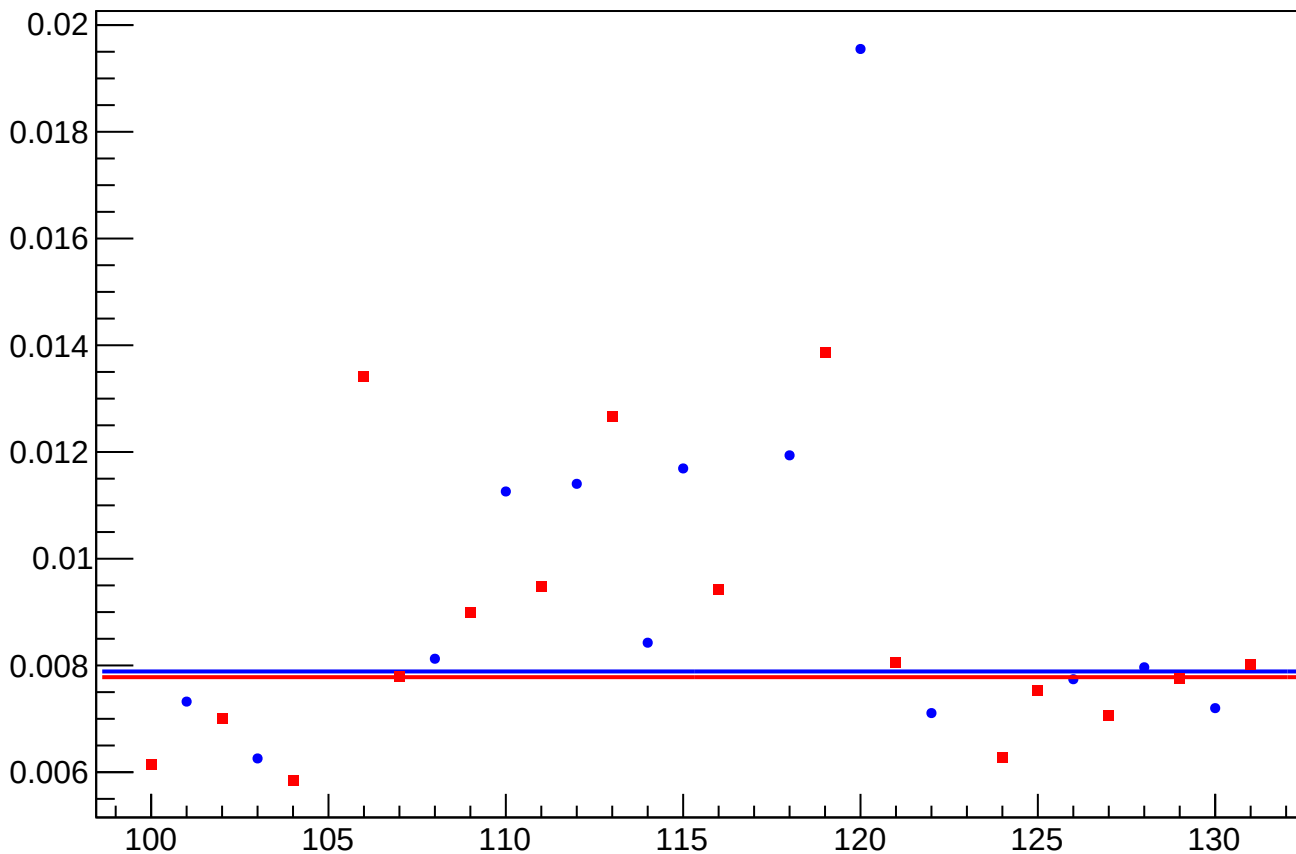
Right: 0.627+/-0.000 χ^2/NDF : 11295951603.2/28

In: 0.614+/-0.000 χ^2/NDF :5370263717.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.627+/-0.000 χ^2/NDF : 11295951603.2/28

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 569056.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 578450.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

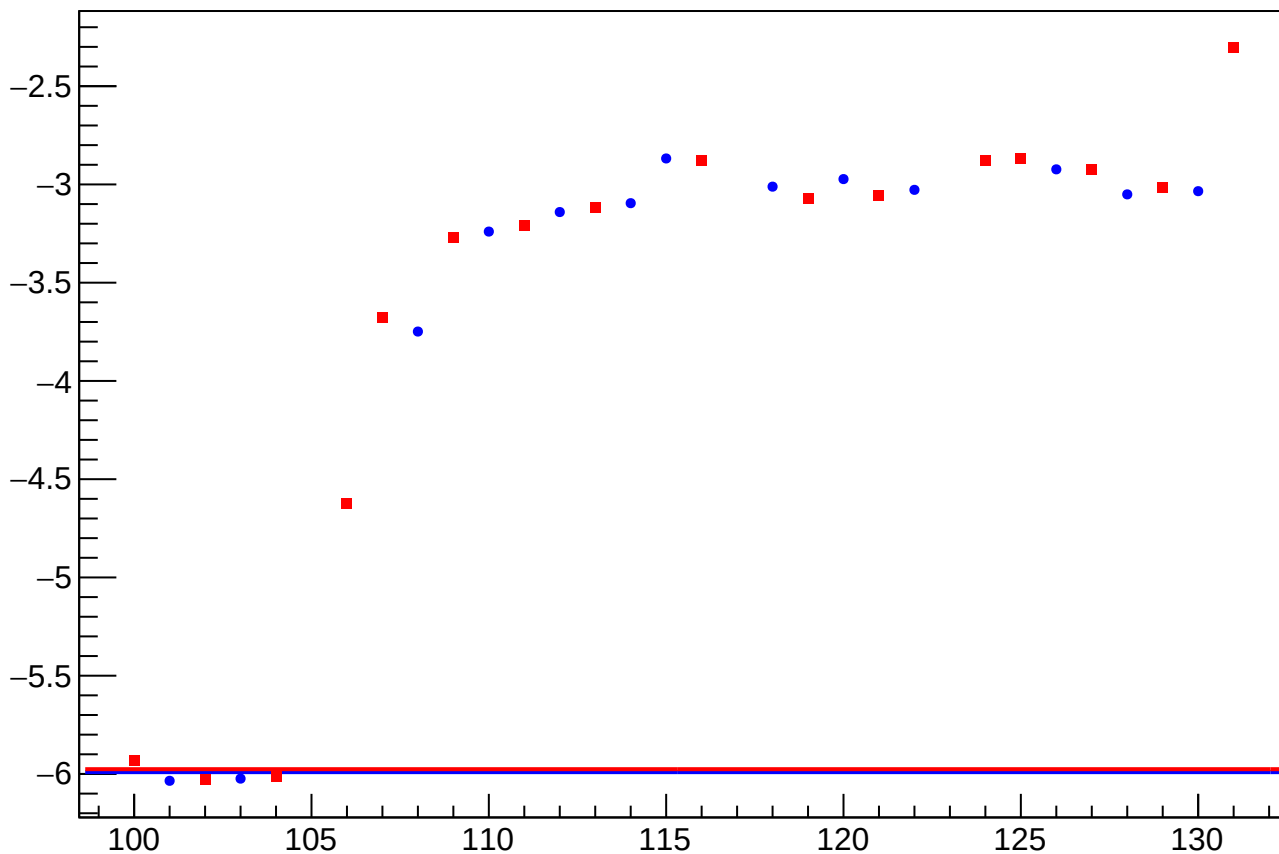
Right: 0.008+/-0.000 χ^2/NDF : 1148447.5/28

In: 0.008+/-0.000 χ^2/NDF :569056.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1148447.5/28

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.991+/-0.000

χ^2/NDF : 5244918193.6/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -5.984+/-0.000 χ^2/NDF : 10698799397.7/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -5.991+/-0.000 χ^2/NDF : 5244918193.6/12

Right Out: -5.976+/-0.000

χ^2/NDF : 5448649597.7/15

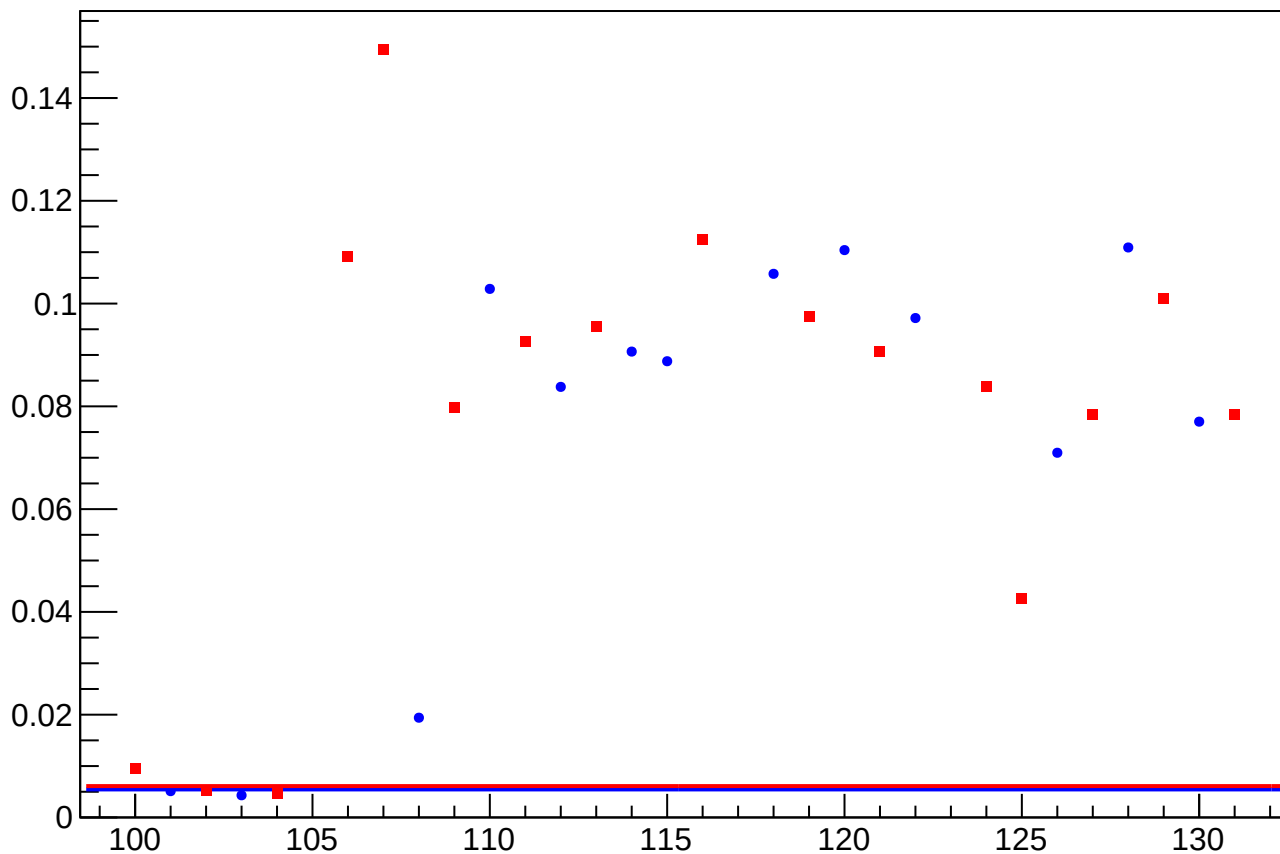
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -5.984+/-0.000 χ^2/NDF : 10698799397.7/28

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 6444551.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7778673.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

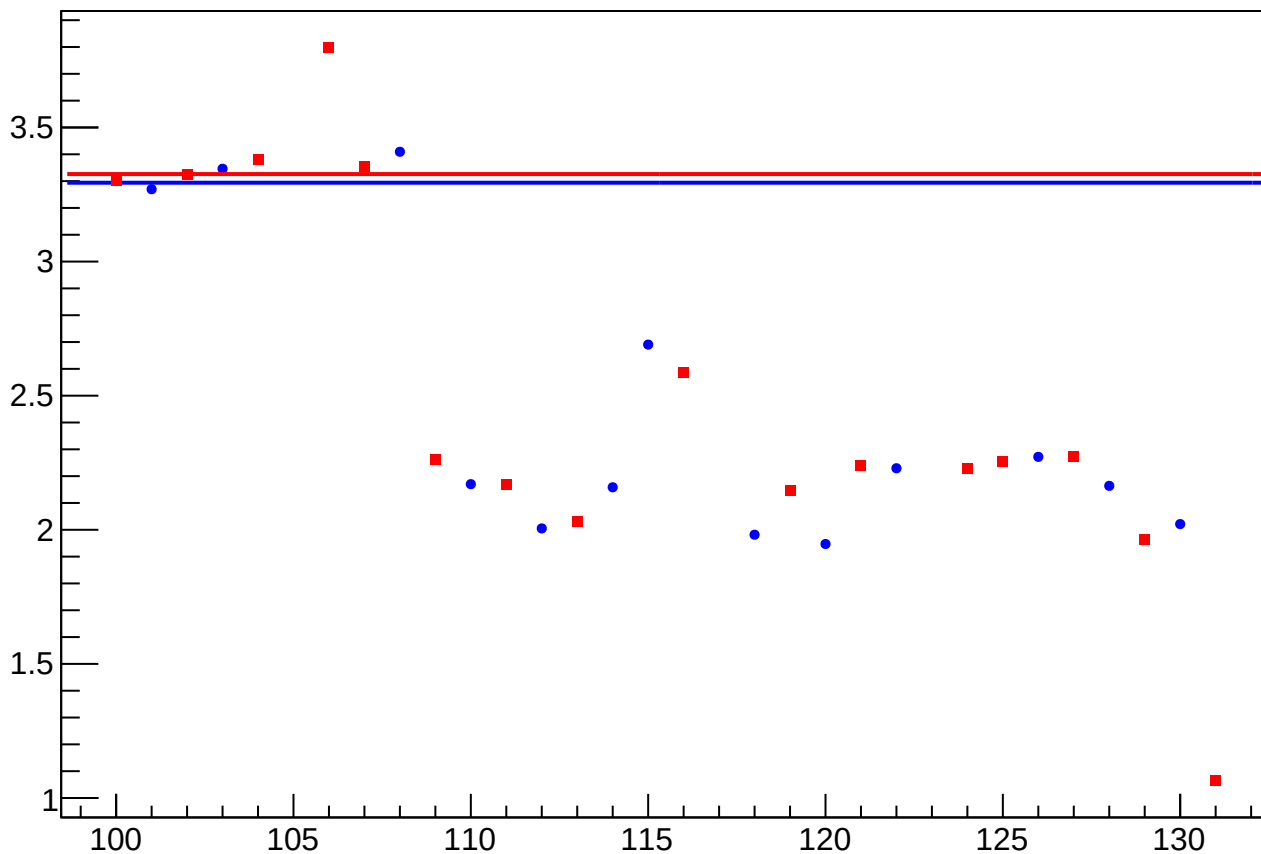
Right: 0.006+/-0.000 χ^2/NDF : 14242628.7/28

In: 0.005+/-0.000 χ^2/NDF :6444551.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 14242628.7/28

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.294+/-0.000 χ^2/NDF : 615999400.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.326+/-0.000 χ^2/NDF : 927596000.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

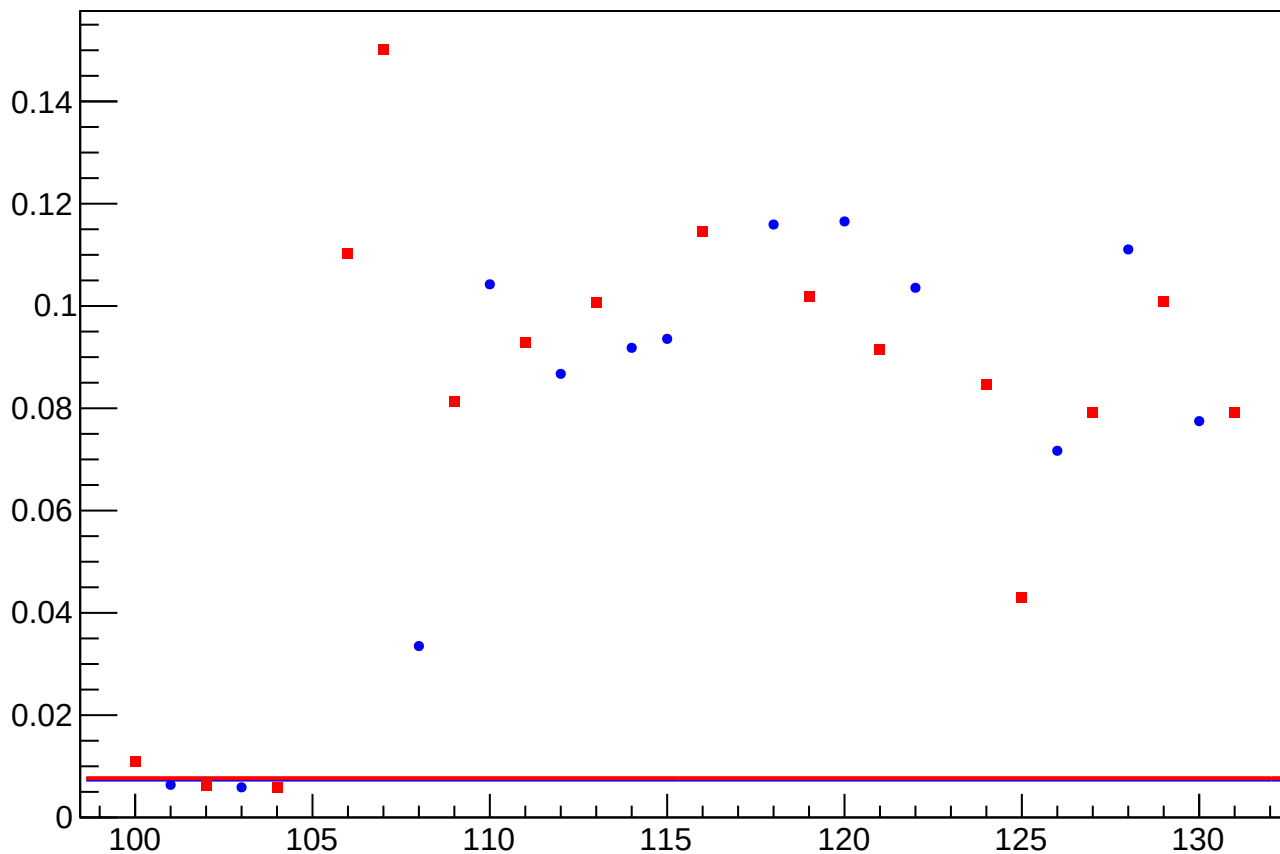
Right: 3.310+/-0.000 χ^2/NDF : 1559038438.3/28

In: 3.294+/-0.000 χ^2/NDF :615999400.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.310+/-0.000 χ^2/NDF : 1559038438.3/28

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 6339299.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 7538388.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

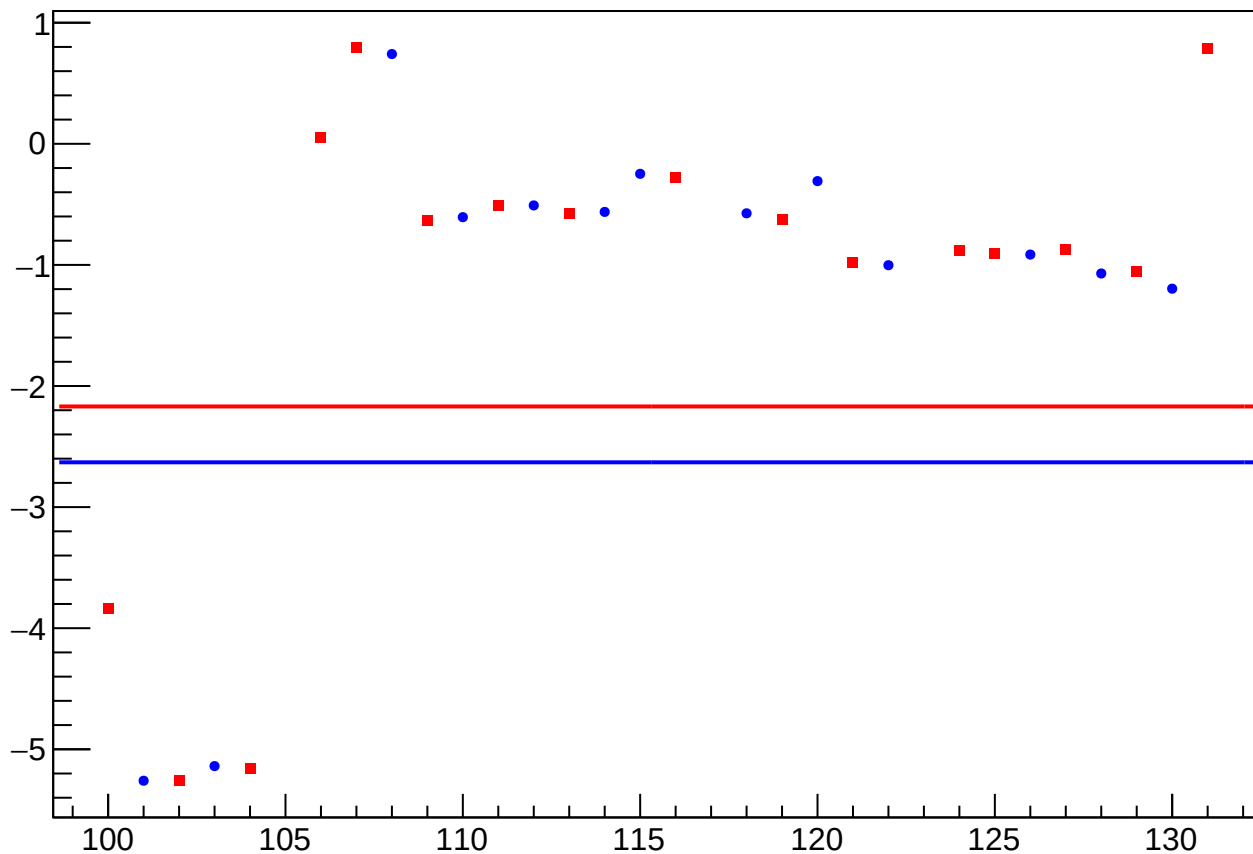
Right: 0.008+/-0.000 χ^2/NDF : 13879843.7/28

In: 0.007+/-0.000 χ^2/NDF : 6339299.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

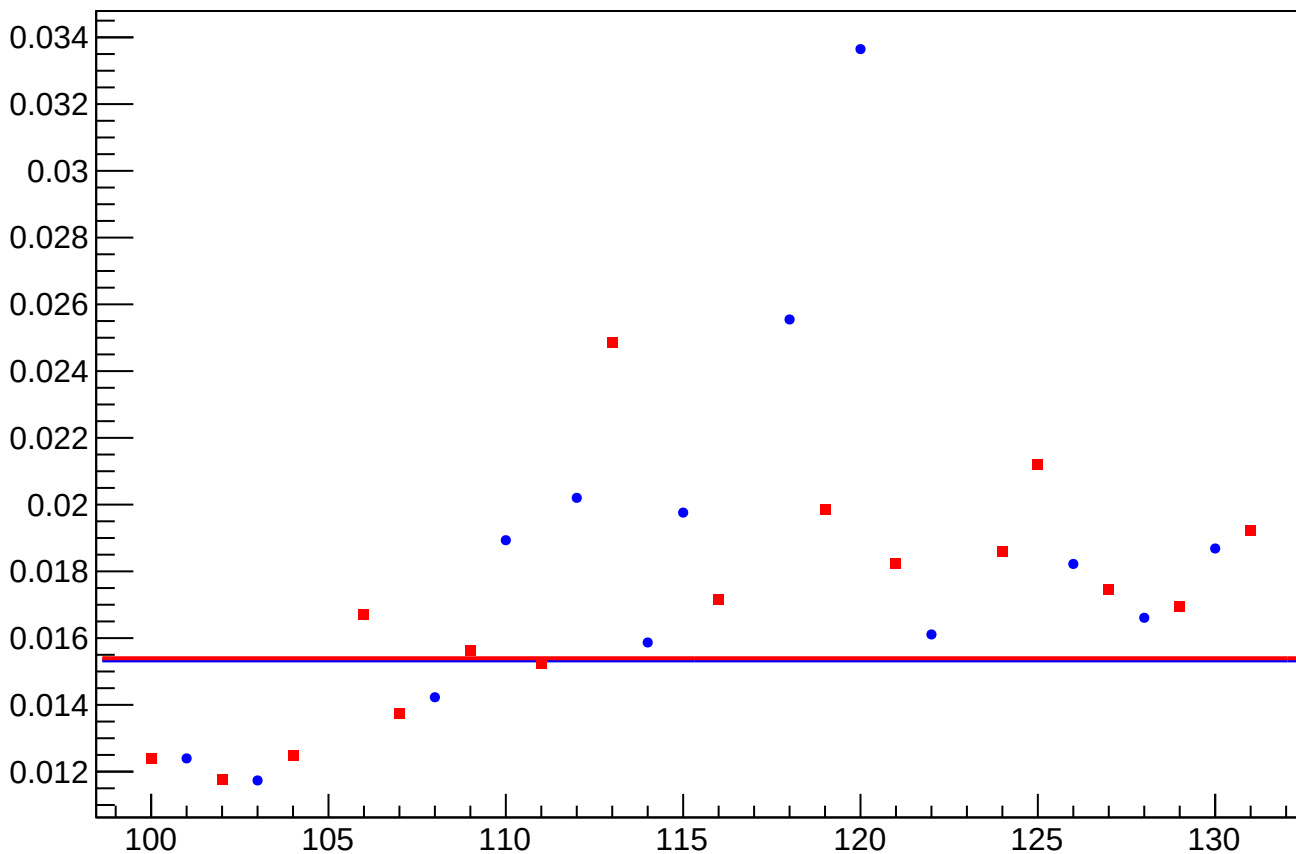
All: 0.008+/-0.000 χ^2/NDF : 13879843.7/28

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.630+/-0.000 χ^2/NDF : 105818513849.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.169+/-0.000 χ^2/NDF : 123248809382.3/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.379+/-0.000 χ^2/NDF : 231276052043.3/28

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 616365.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 460999.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

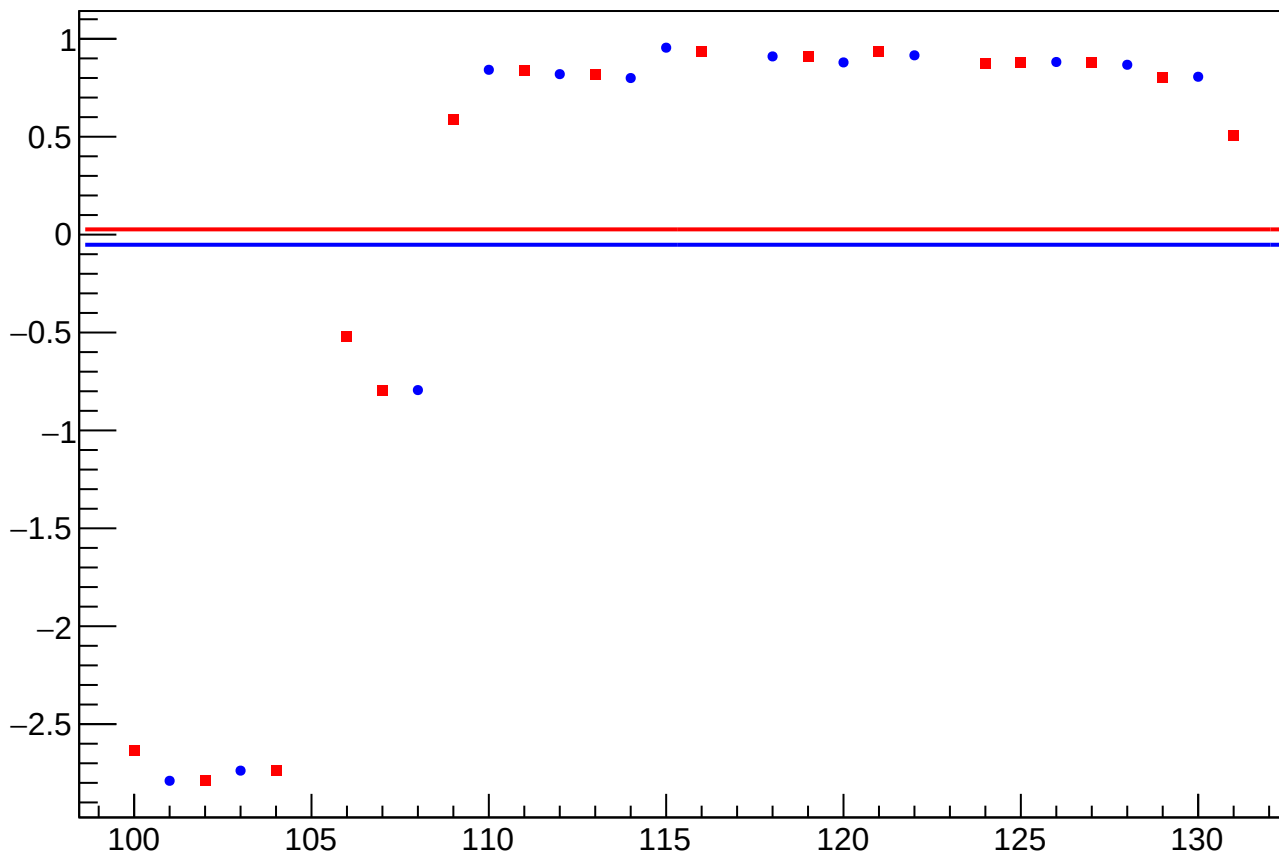
Right: 0.015+/-0.000 χ^2/NDF : 1077452.9/28

In: 0.015+/-0.000 χ^2/NDF :616365.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1077452.9/28

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.000

χ^2/NDF : 840719193968.8/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.009+/-0.000 χ^2/NDF : 1772633878101.0/2

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000

χ^2/NDF : 930600076550.9/15

In: -0.052+/-0.000 χ^2/NDF : 840719193968.8/12

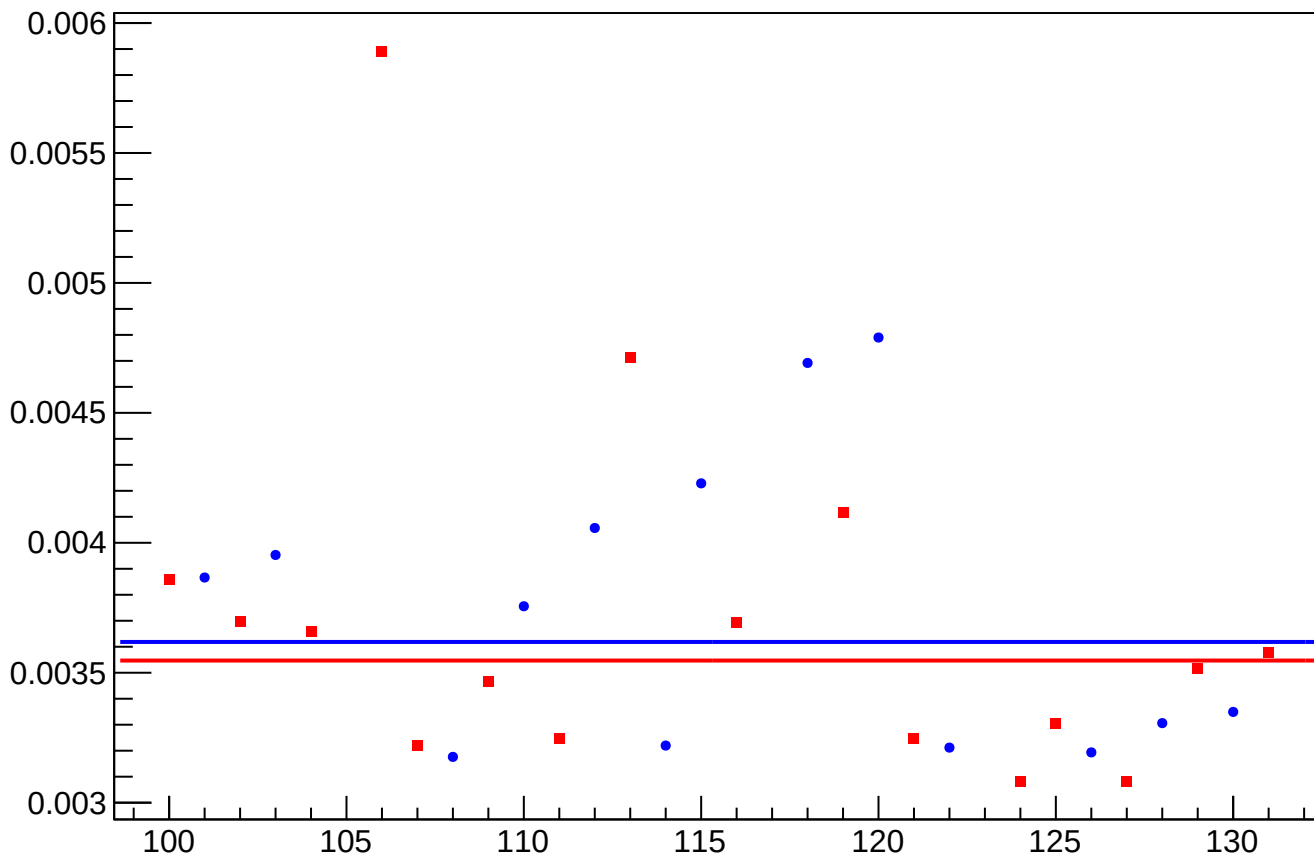
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.009+/-0.000 χ^2/NDF : 1772633878101

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 176894.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 214210.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

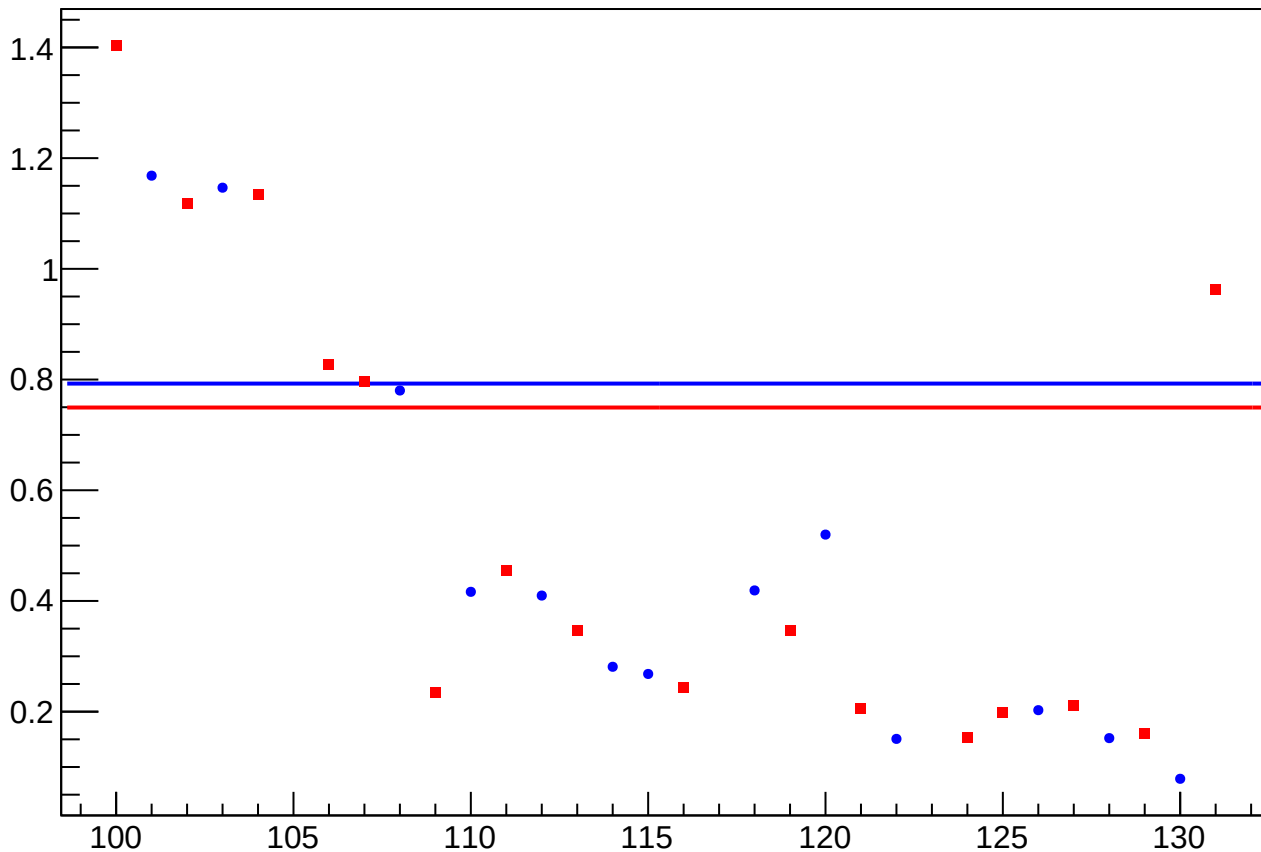
Right: 0.004+/-0.000 χ^2/NDF : 393284.9/28

In: 0.004+/-0.000 χ^2/NDF : 176894.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 393284.9/28

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.793+/-0.000 χ^2/NDF : 24539329827.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.749+/-0.000 χ^2/NDF : 24931520284.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

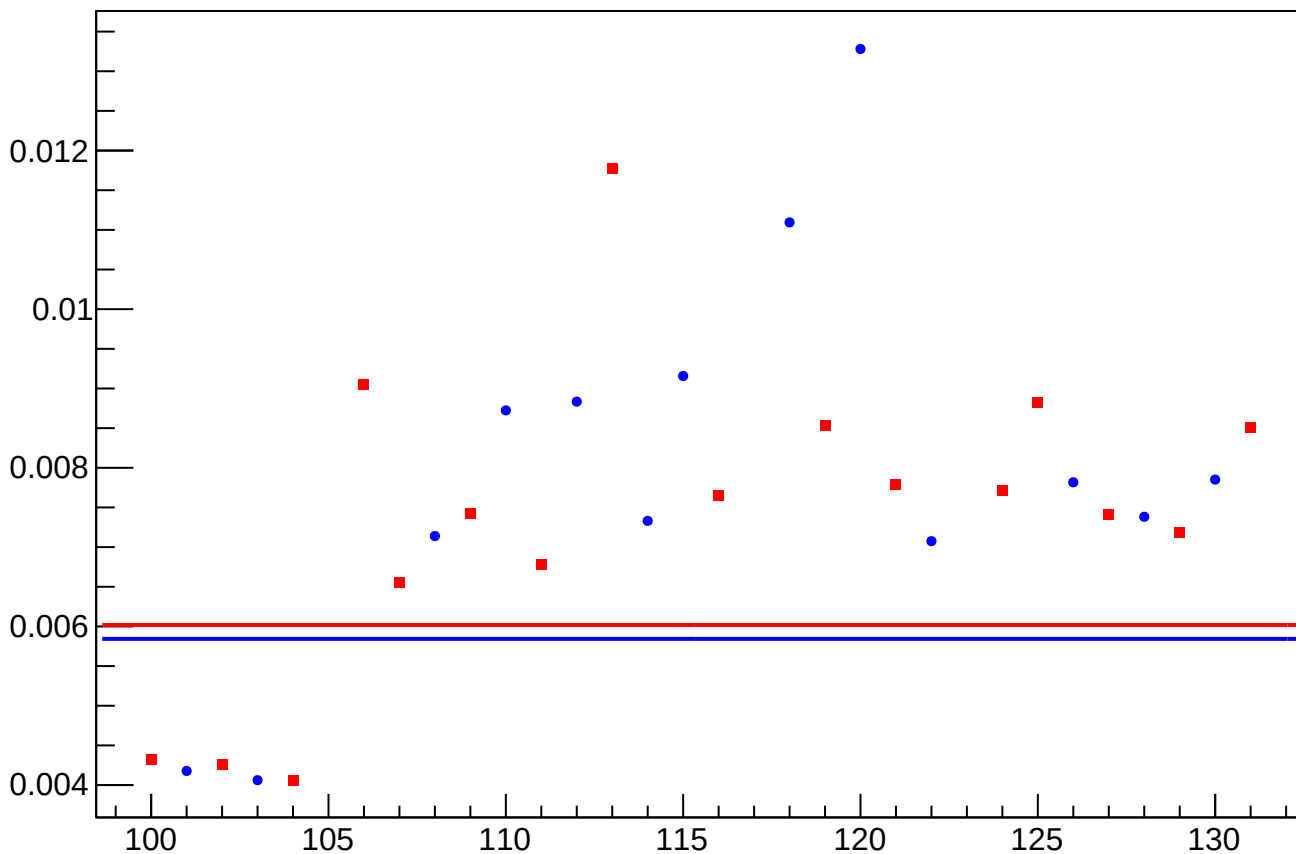
Right: 0.770+/-0.000 χ^2/NDF : 49593783023.5/28

In: 0.793+/-0.000 χ^2/NDF :24539329827.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.770+/-0.000 χ^2/NDF : 49593783023.5/28

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 1183097.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 1055006.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 2242162.5/28

In: 0.006+/-0.000

χ^2/NDF : 1183097.3/12

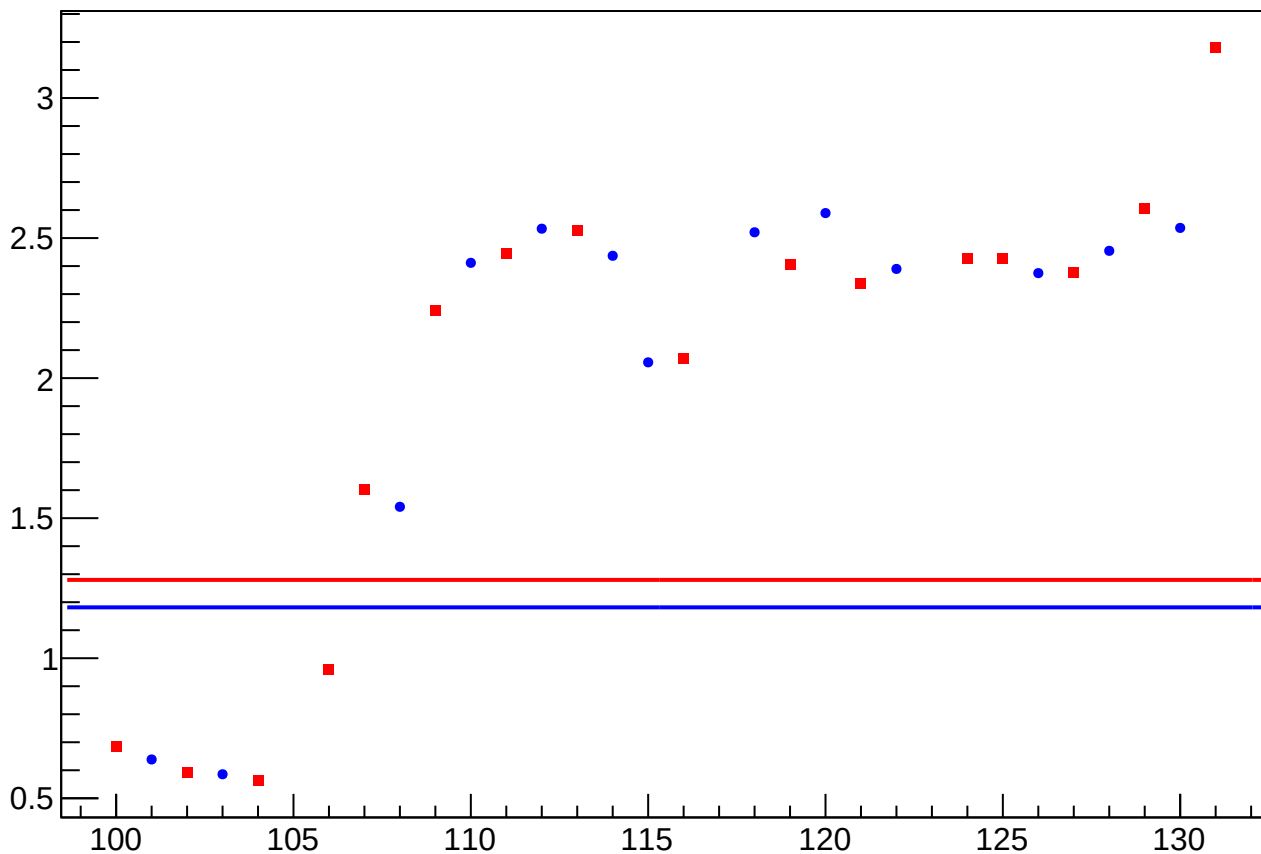
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 2242162.5/28

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.182+/-0.000 χ^2/NDF : 89730855228.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.280+/-0.000 χ^2/NDF : 117508628750.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

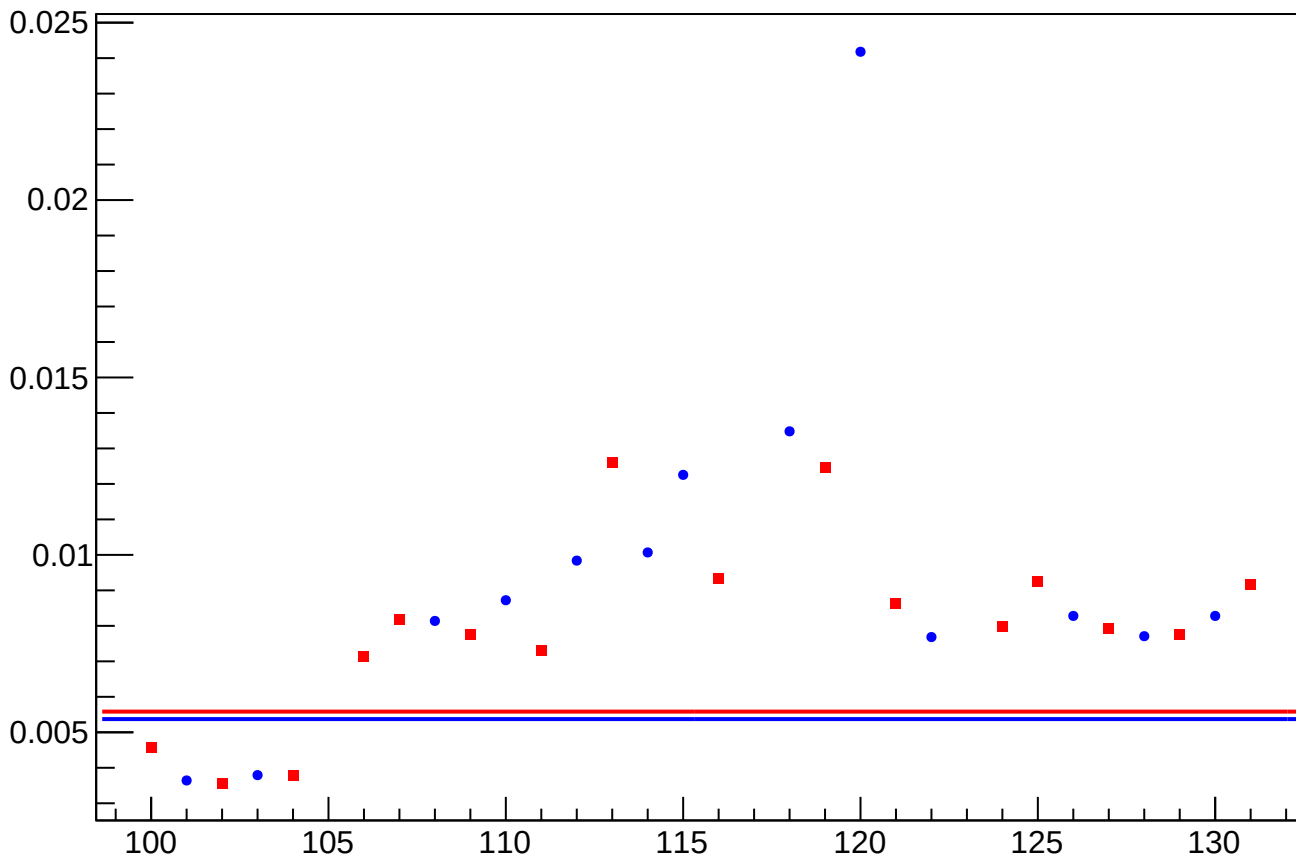
Right: 1.233+/-0.000 χ^2/NDF : 207902729994.3/28

In: 1.182+/-0.000 χ^2/NDF :89730855228.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.233+/-0.000 χ^2/NDF : 207902729994.3

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1860718.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1780535.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

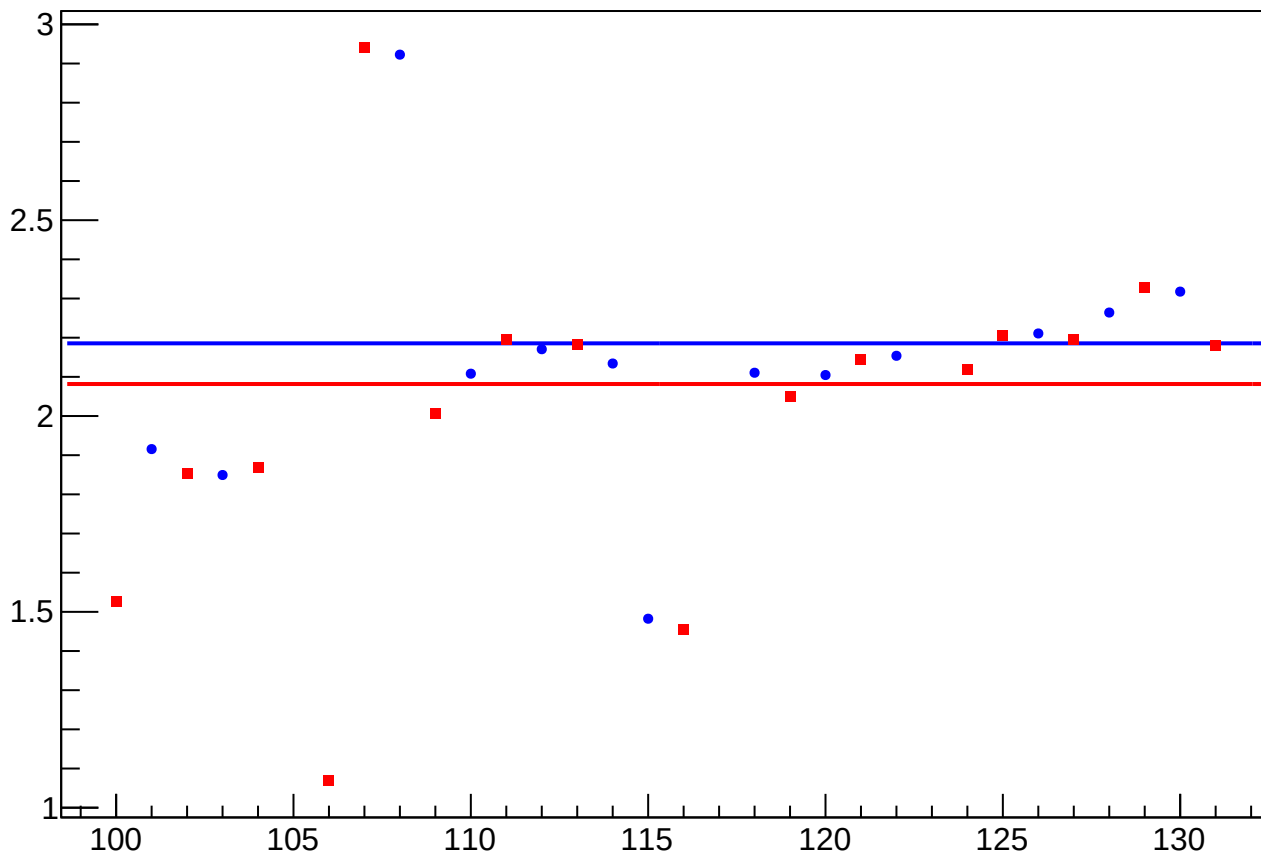
Right: 0.005+/-0.000 χ^2/NDF : 3647390.8/28

In: 0.005+/-0.000 χ^2/NDF : 1860718.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3647390.8/28

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.186+/-0.000

χ^2/NDF : 9451566382.8/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.129+/-0.000 χ^2/NDF : 24750343353.4/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.186+/-0.000 χ^2/NDF : 9451566382.8/12

Right Out: 2.082+/-0.000

χ^2/NDF : 14641118835.4/15

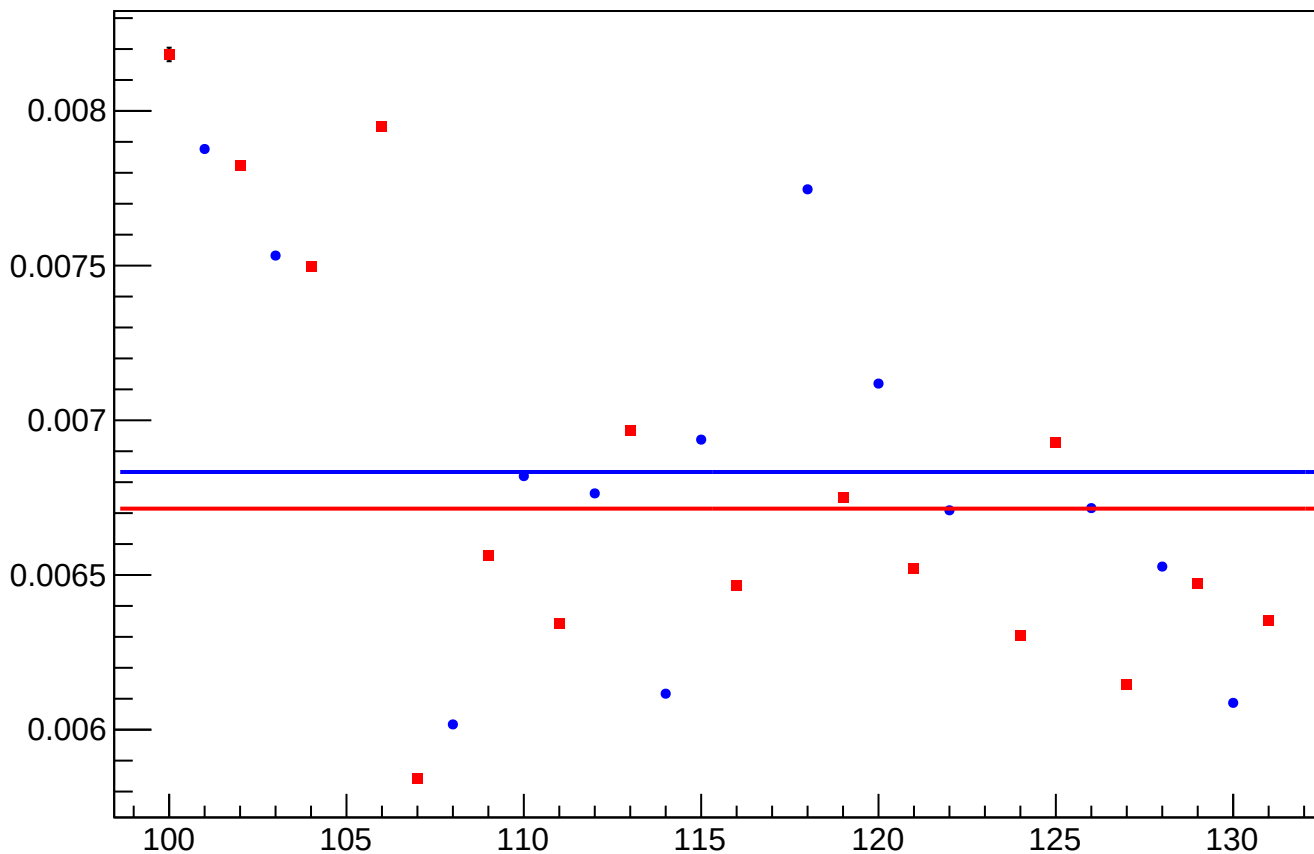
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.129+/-0.000 χ^2/NDF : 24750343353.4/28

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 82177.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84335.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

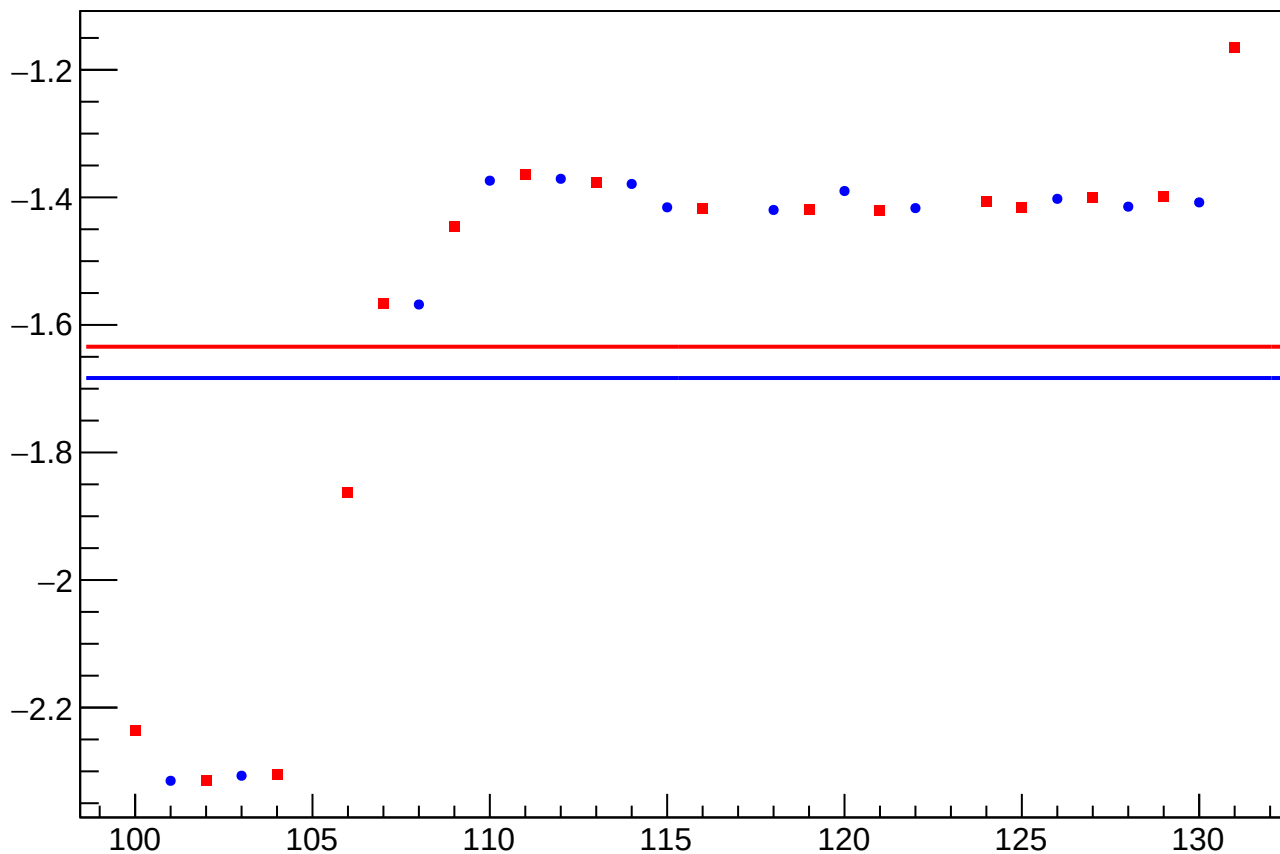
Right: 0.007+/-0.000 χ^2/NDF : 168224.4/28

In: 0.007+/-0.000 χ^2/NDF : 82177.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 168224.4/28

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.683+/-0.000 χ^2/NDF : 118556061290.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.634+/-0.000 χ^2/NDF : 131669546887.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

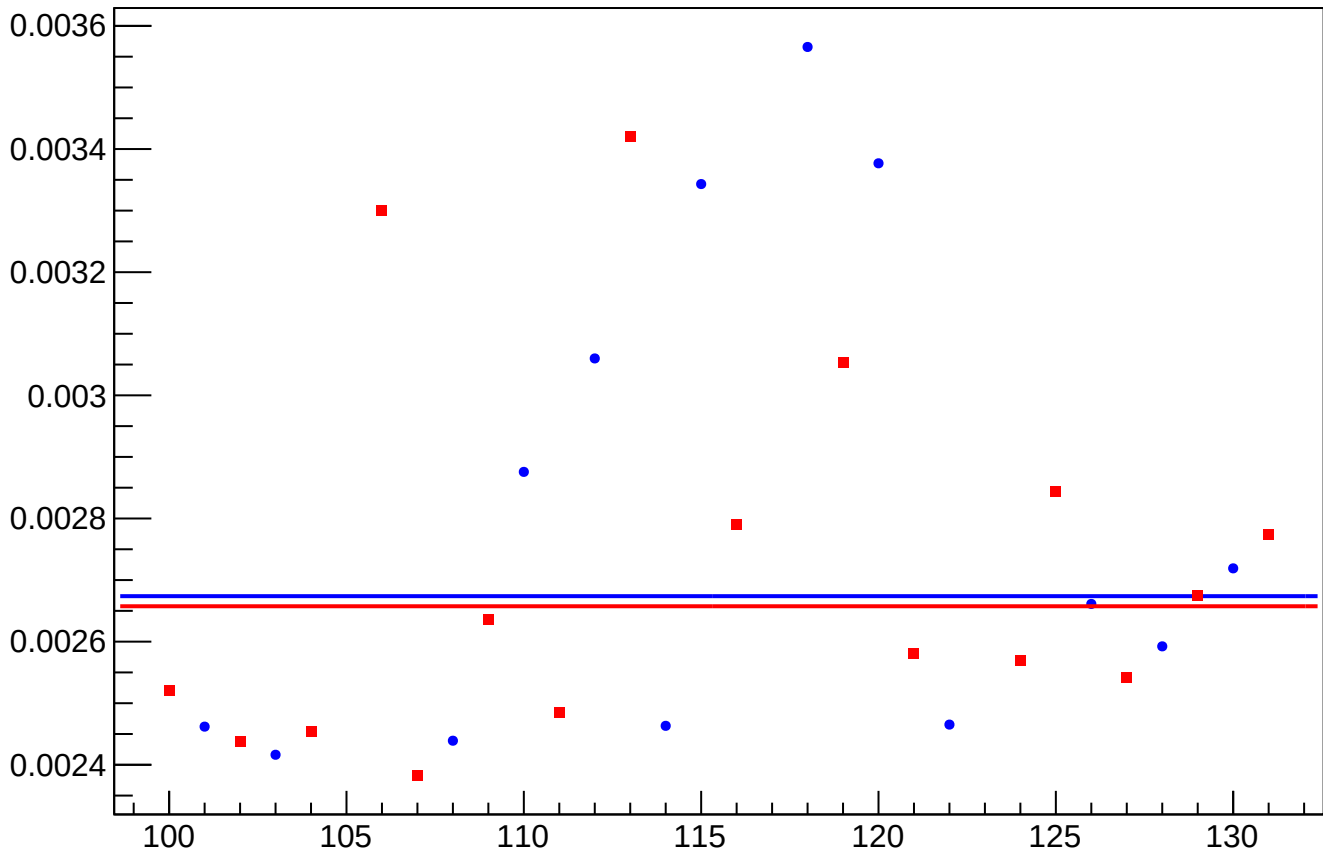
Right: -1.657+/-0.000 χ^2/NDF : 251155576427.8/28

In: -1.683+/-0.000 χ^2/NDF : 118556061290.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.657+/-0.000 χ^2/NDF : 251155576427.8

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 151856.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 115060.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

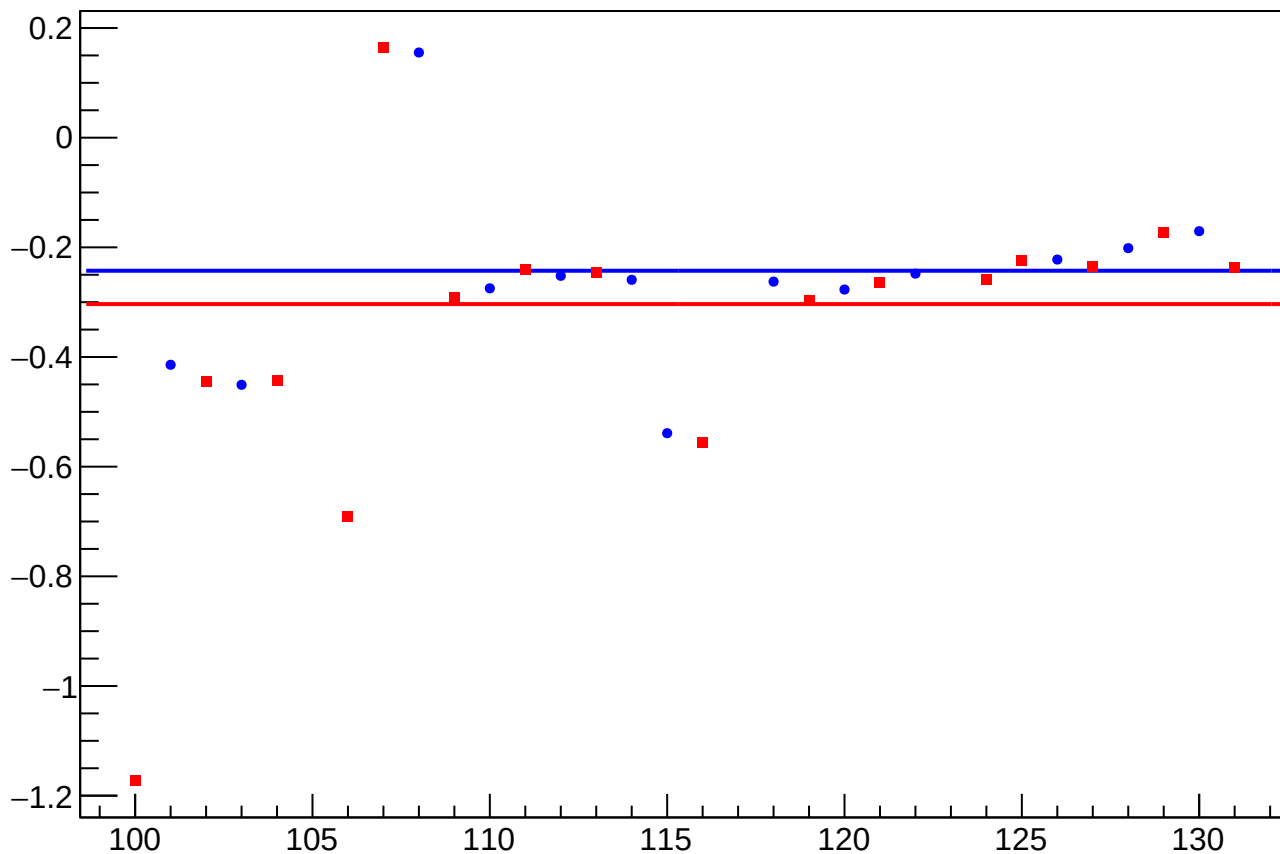
Right: 0.003+/-0.000 χ^2/NDF : 267124.6/28

In: 0.003+/-0.000 χ^2/NDF :151856.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 267124.6/28

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.243+/-0.000 χ^2/NDF : 989197769.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.303+/-0.000 χ^2/NDF : 1712917654.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

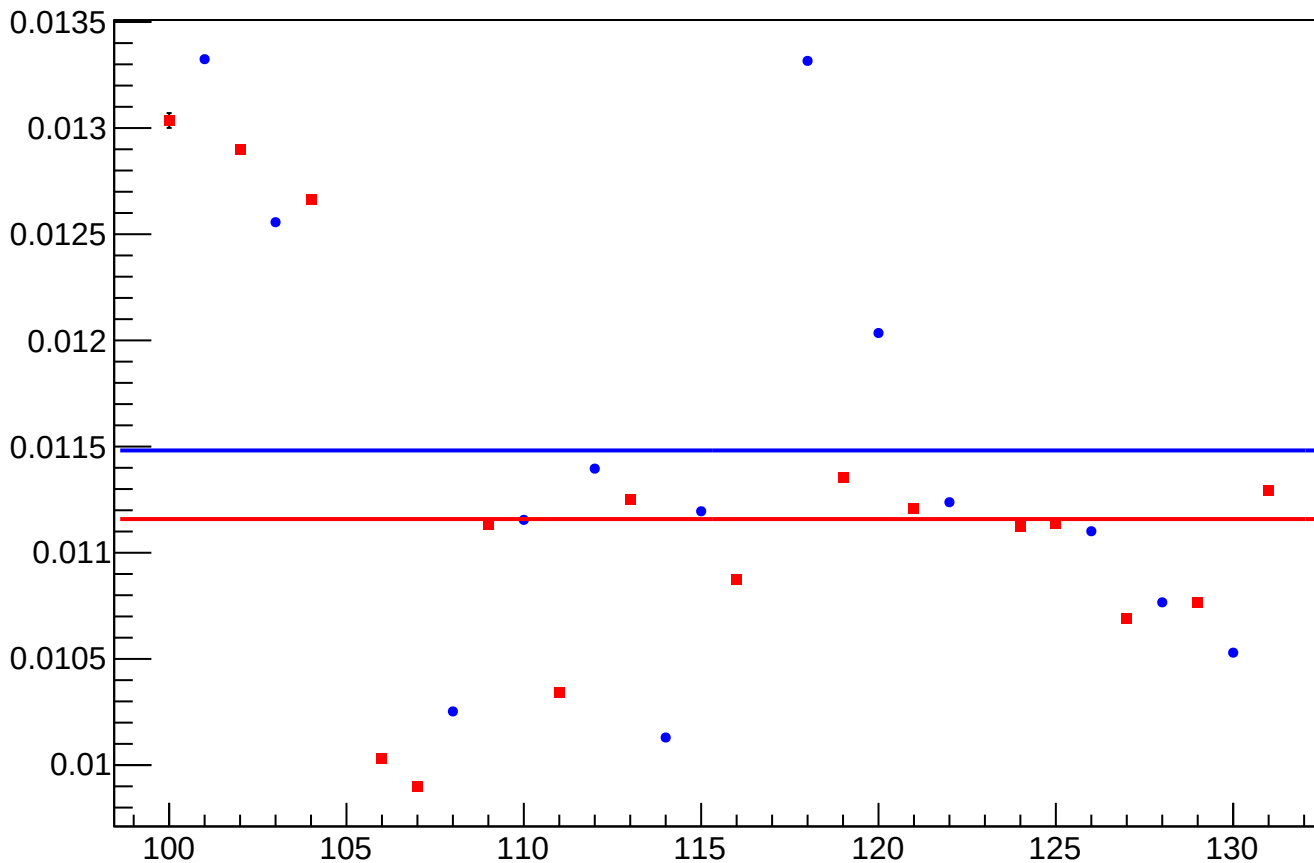
Right: -0.276+/-0.000 χ^2/NDF : 2784306589.4/28

In: -0.243+/-0.000 χ^2/NDF : 989197769.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.276+/-0.000 χ^2/NDF : 2784306589.4/28

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 83584.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 64808.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

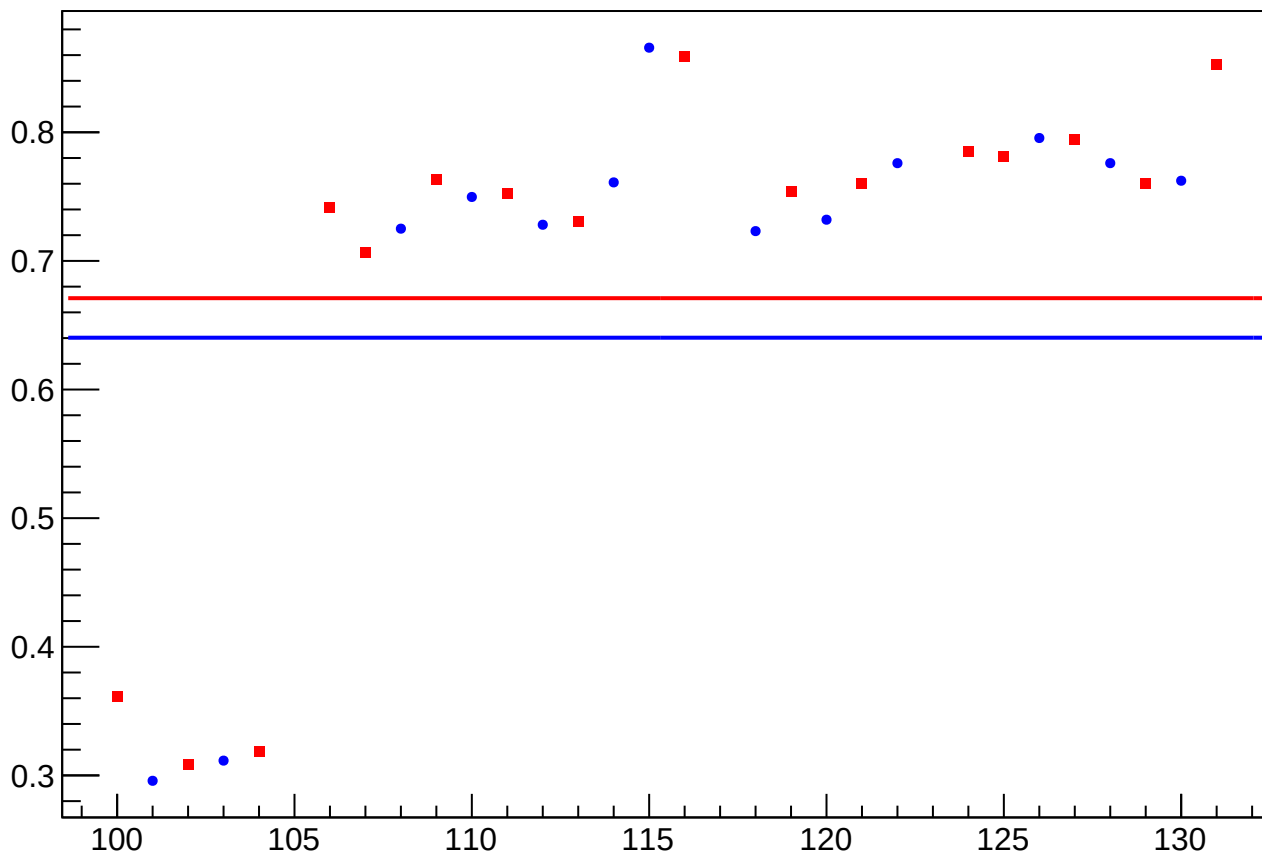
Right: 0.011+/-0.000 χ^2/NDF : 153032.9/28

In: 0.011+/-0.000 χ^2/NDF :83584.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 153032.9/28

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.640+/-0.000 χ^2/NDF : 33361208773.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.671+/-0.000 χ^2/NDF : 35059241544.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

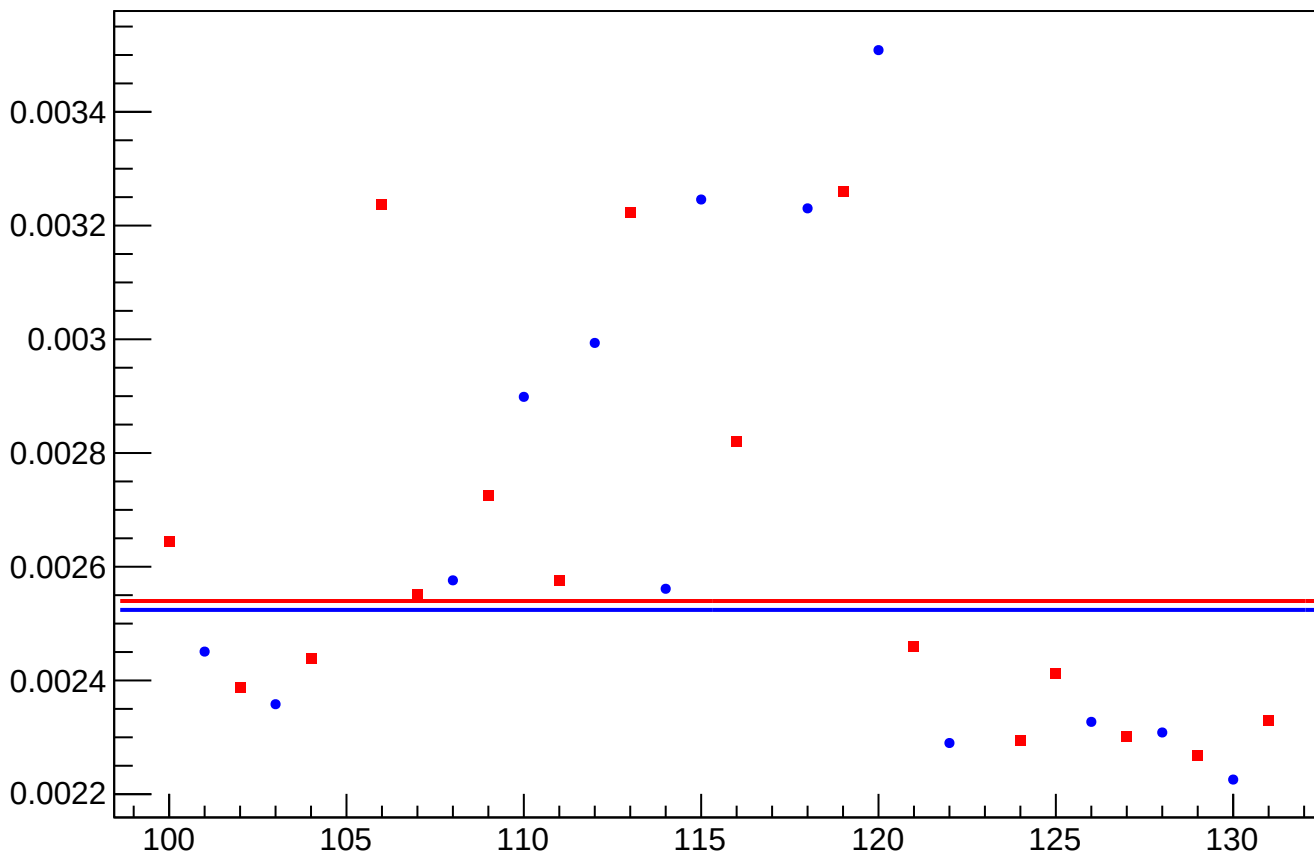
Right: 0.657+/-0.000 χ^2/NDF : 68826767681.0/28

In: 0.640+/-0.000 χ^2/NDF : 33361208773.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.657+/-0.000 χ^2/NDF : 68826767681.0/28

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 191310.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 161745.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

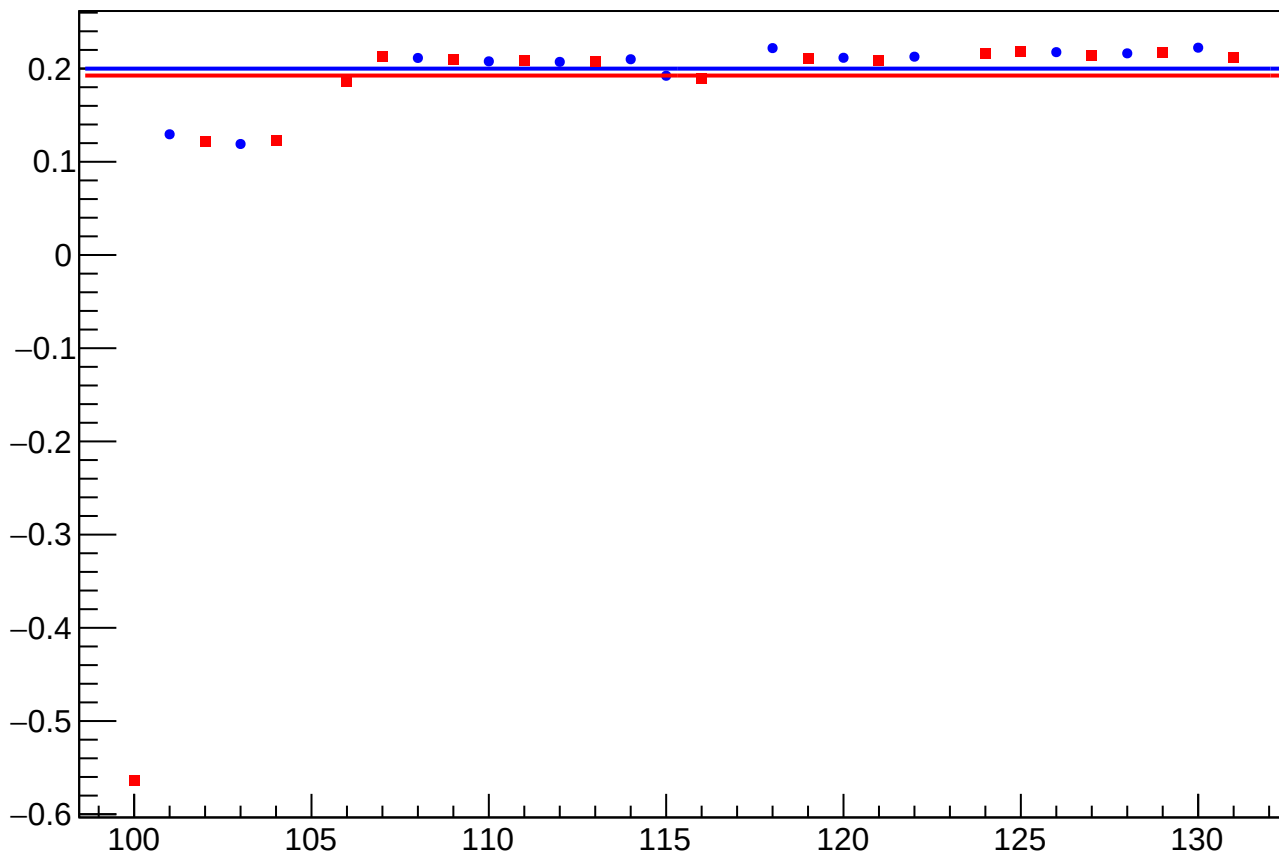
Right: 0.003+/-0.000 χ^2/NDF : 353268.0/28

In: 0.003+/-0.000 χ^2/NDF : 191310.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 353268.0/28

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.200+/-0.000 χ^2/NDF : 58774802.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.193+/-0.000 χ^2/NDF : 347912164.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

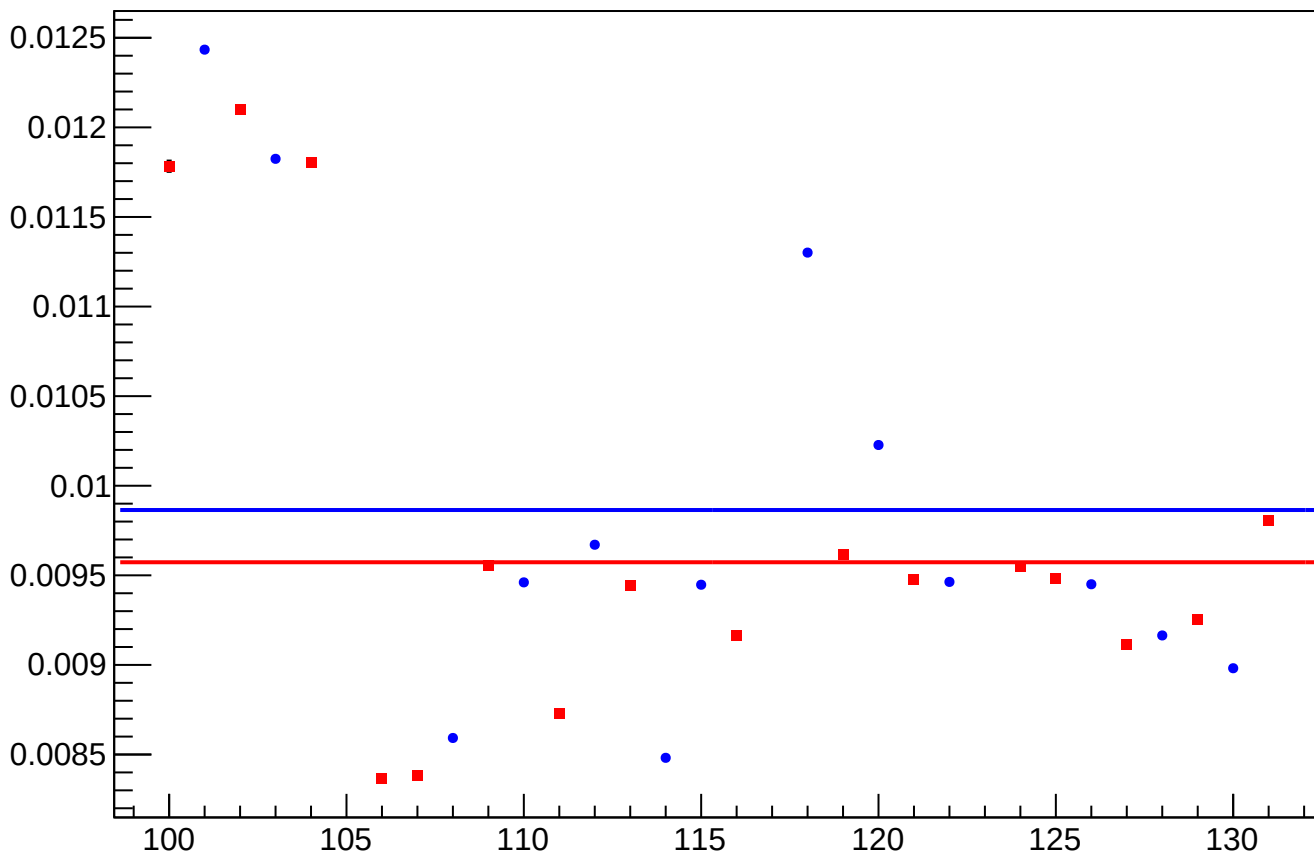
Right: 0.196+/-0.000 χ^2/NDF : 408333964.0/28

In: 0.200+/-0.000 χ^2/NDF : 58774802.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.196+/-0.000 χ^2/NDF : 408333964.0/28

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 147566.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 131409.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

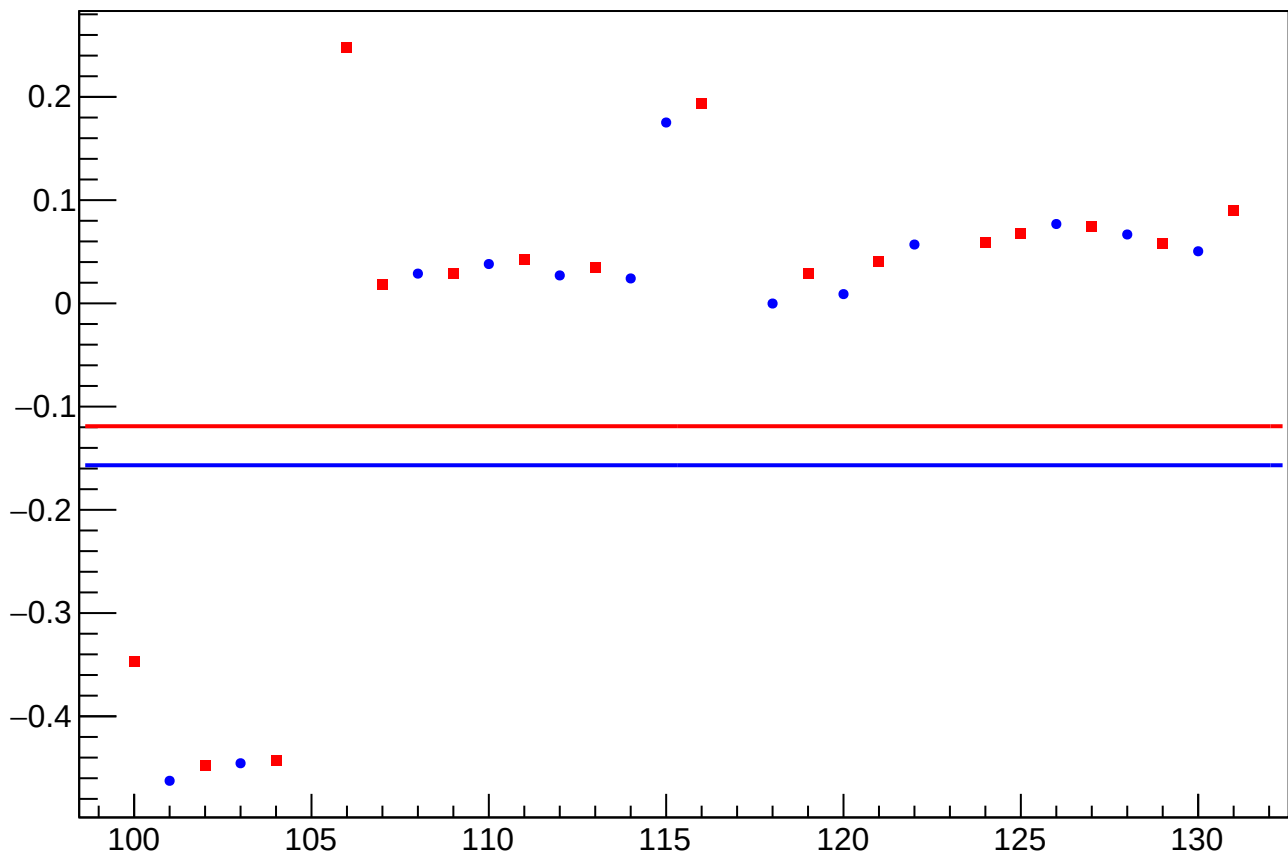
Right: 0.010+/-0.000 χ^2/NDF : 284057.5/28

In: 0.010+/-0.000 χ^2/NDF : 147566.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 284057.5/28

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.157+/-0.000 χ^2/NDF : 14325049471.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.119+/-0.000 χ^2/NDF : 15246359471.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

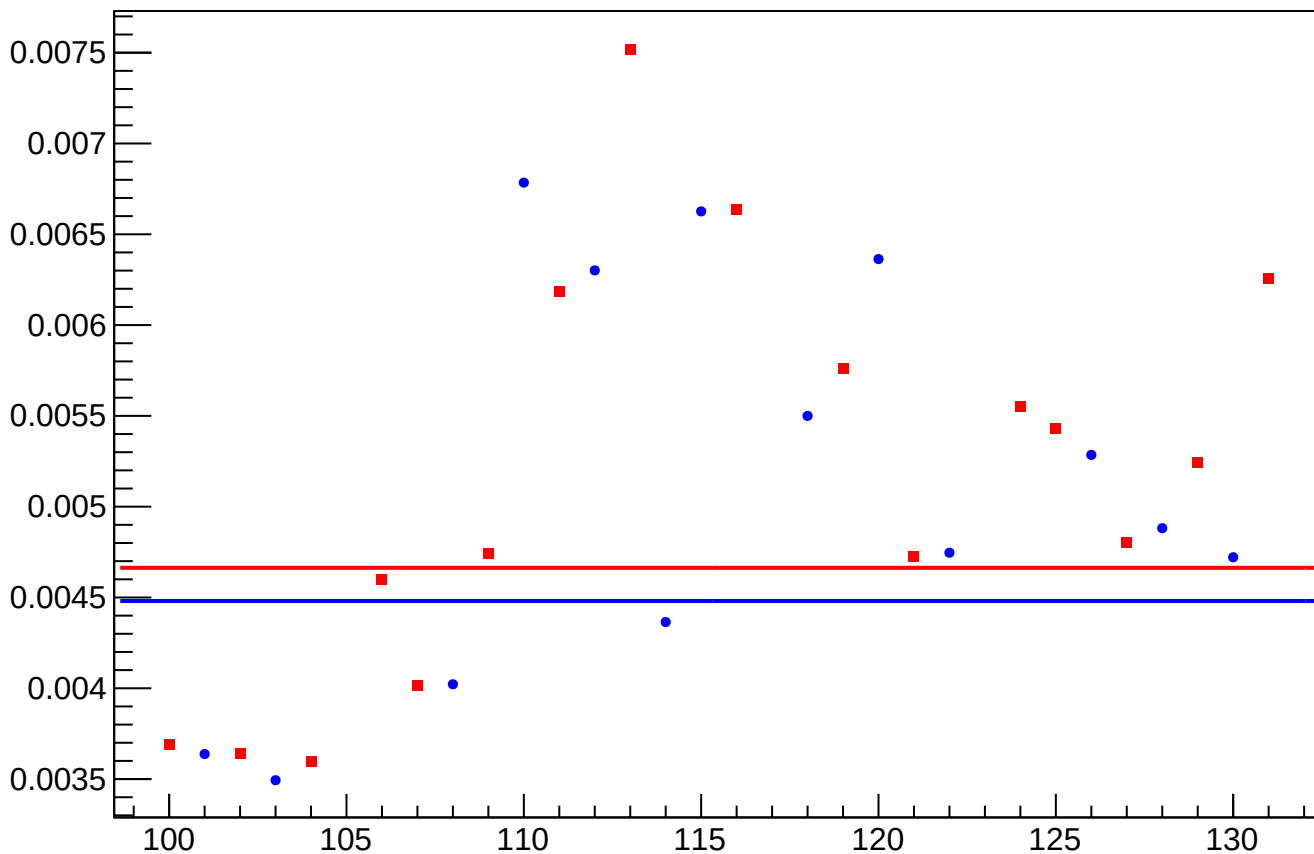
Right: -0.137+/-0.000 χ^2/NDF : 29746039817.4/28

In: -0.157+/-0.000 χ^2/NDF :14325049471.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.137+/-0.000 χ^2/NDF : 29746039817.4/28

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 462873.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 533239.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

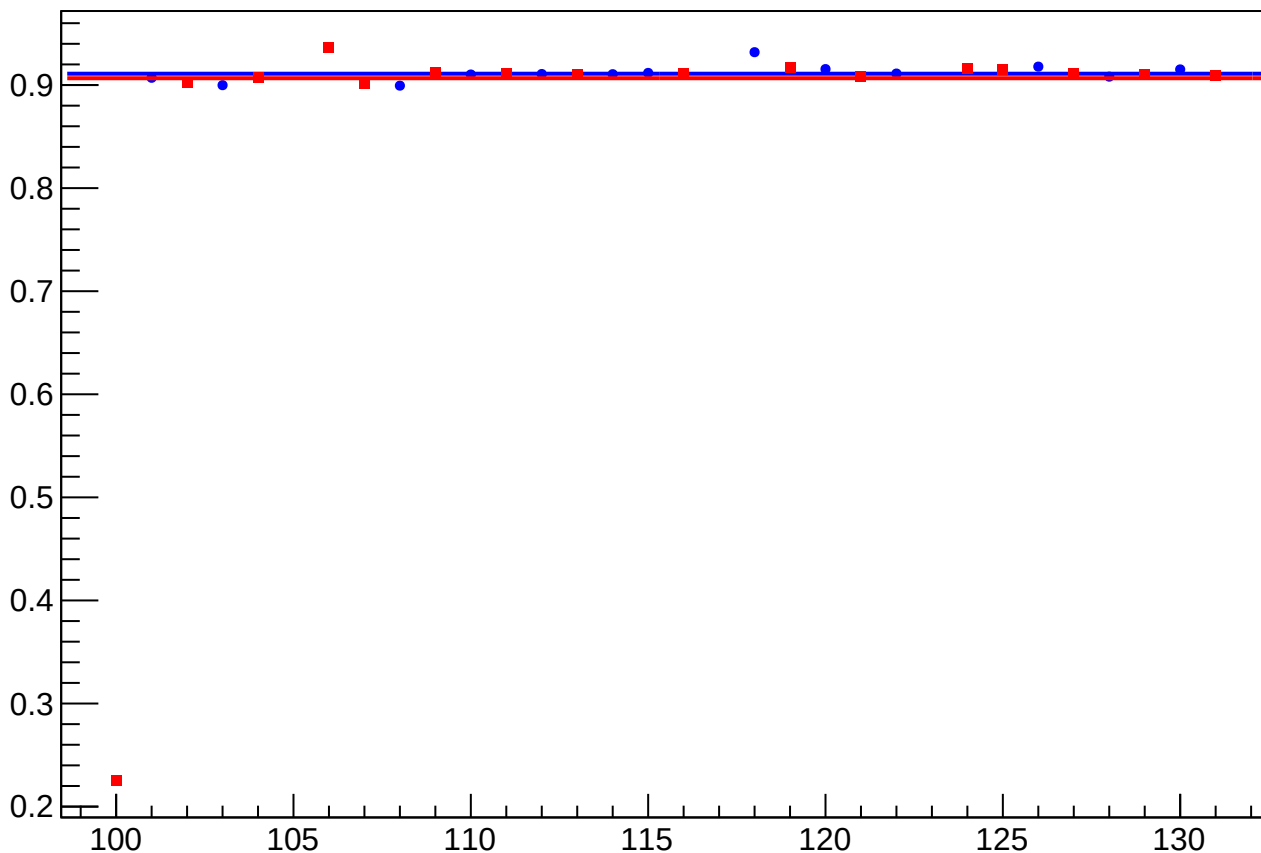
Right: 0.005+/-0.000 χ^2/NDF : 1004275.2/28

In: 0.004+/-0.000 χ^2/NDF :462873.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1004275.2/28

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.911+/-0.000 χ^2/NDF : 2710040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.907+/-0.000 χ^2/NDF : 218319848.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

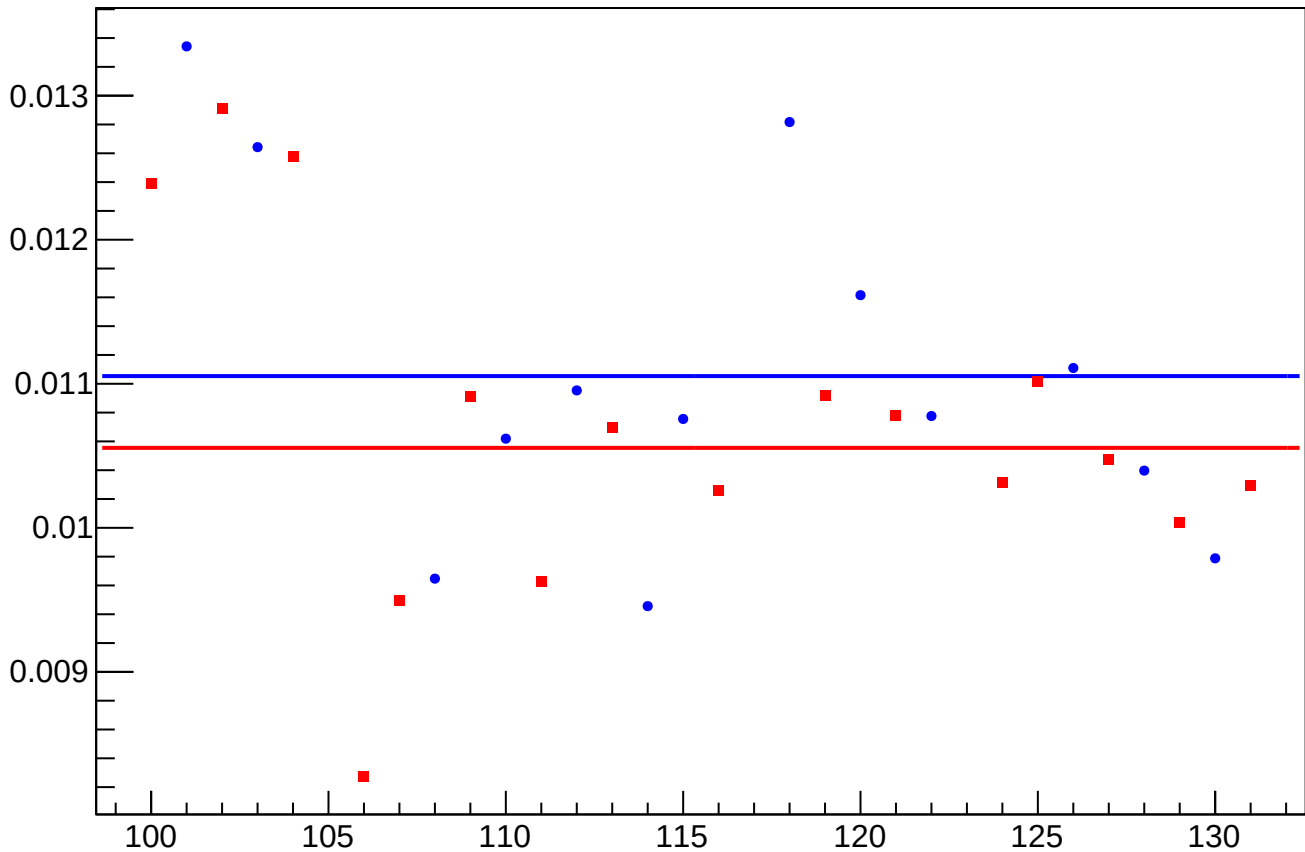
Right: 0.909+/-0.000 χ^2/NDF : 221496998.3/28

In: 0.911+/-0.000 χ^2/NDF : 2710040.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.909+/-0.000 χ^2/NDF : 221496998.3/28

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 122484.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139630.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

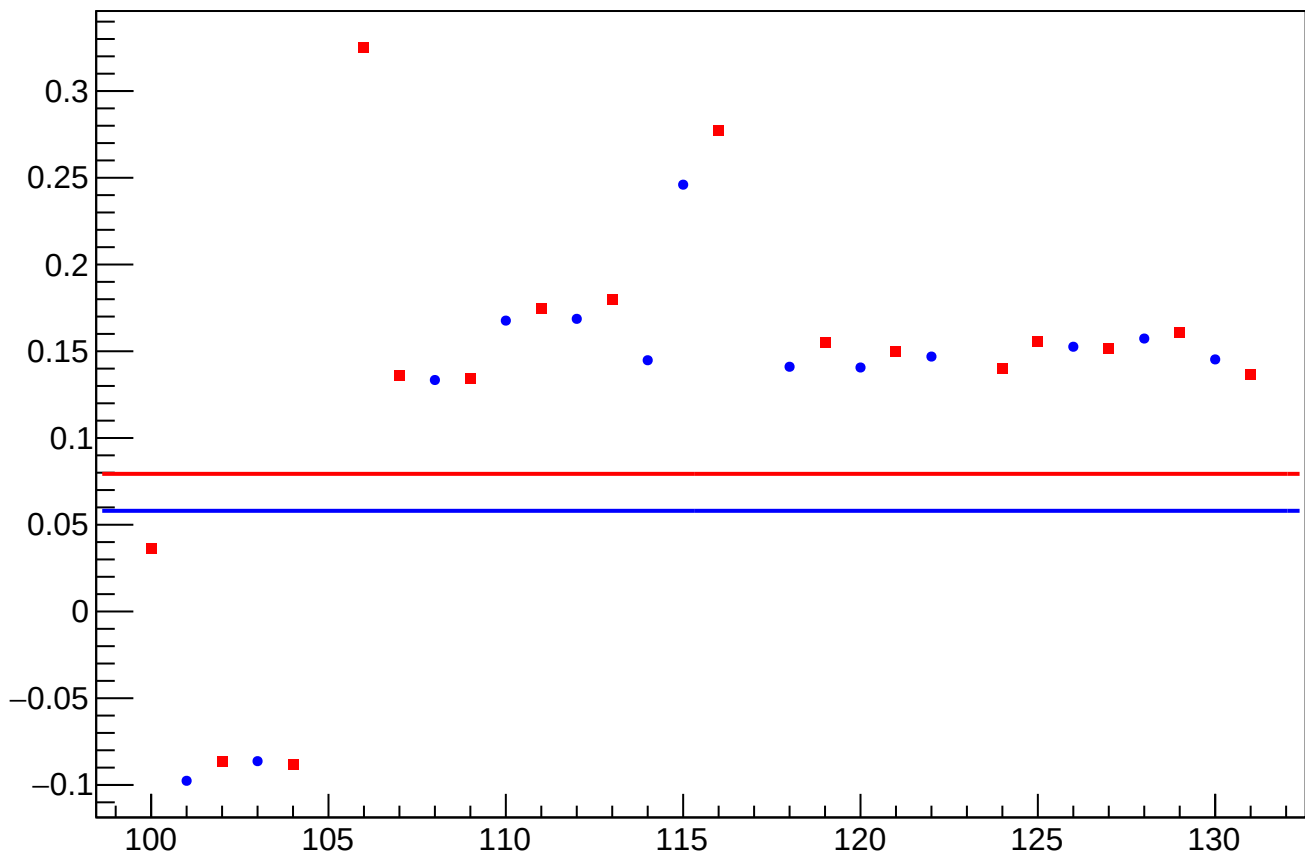
Right: 0.011+/-0.000 χ^2/NDF : 274110.1/28

In: 0.011+/-0.000 χ^2/NDF : 122484.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 274110.1/28

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.058+/-0.000

χ^2/NDF : 2876169687.2/12

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.079+/-0.000

χ^2/NDF : 3339430975.6/15

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.069+/-0.000

χ^2/NDF : 6263729198.5/28

In: 0.058+/-0.000

χ^2/NDF :2876169687.2/12

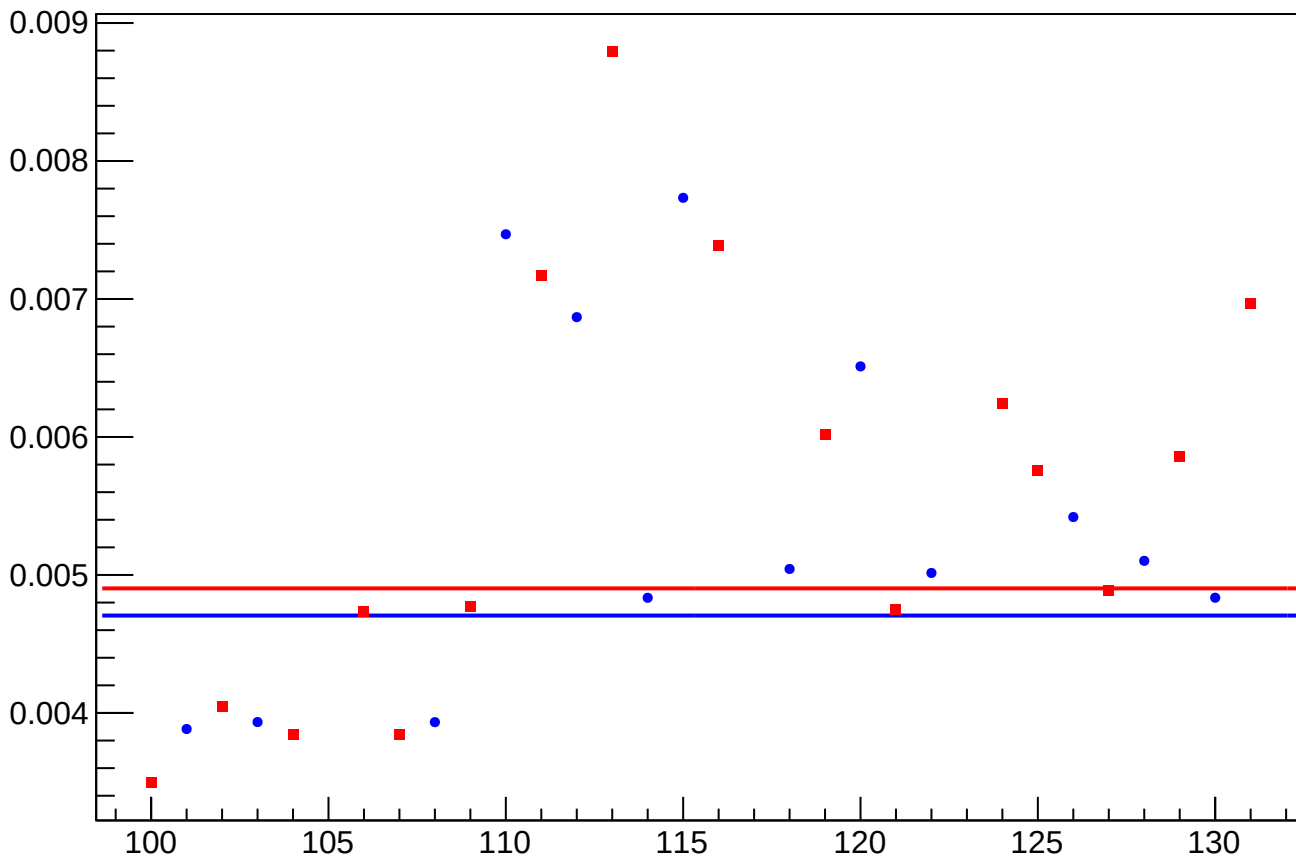
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.069+/-0.000

χ^2/NDF : 6263729198.5/28

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 410584.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 615754.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

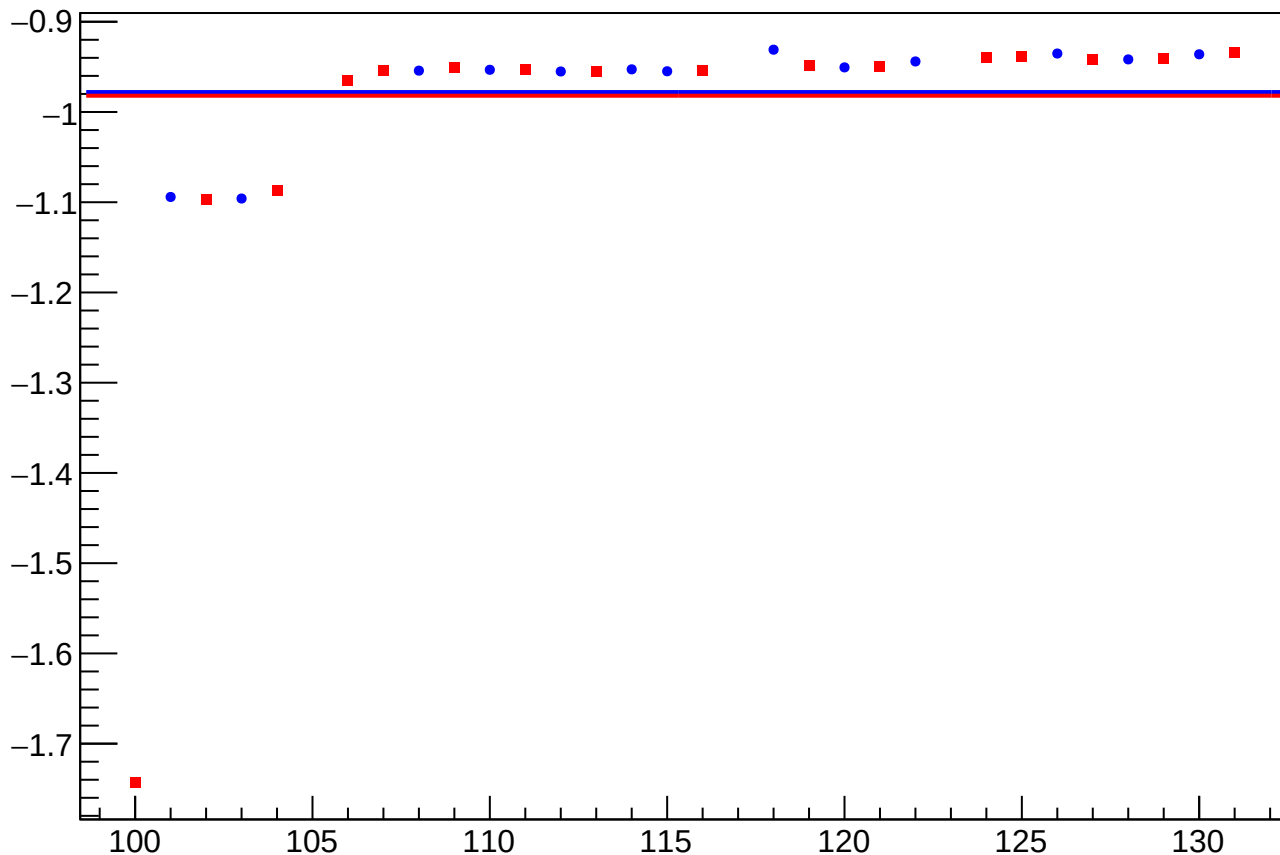
Right: 0.005+/-0.000 χ^2/NDF : 1034549.7/28

In: 0.005+/-0.000 χ^2/NDF :410584.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1034549.7/28

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.978+/-0.000 χ^2/NDF : 143570182.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.982+/-0.000 χ^2/NDF : 443884033.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

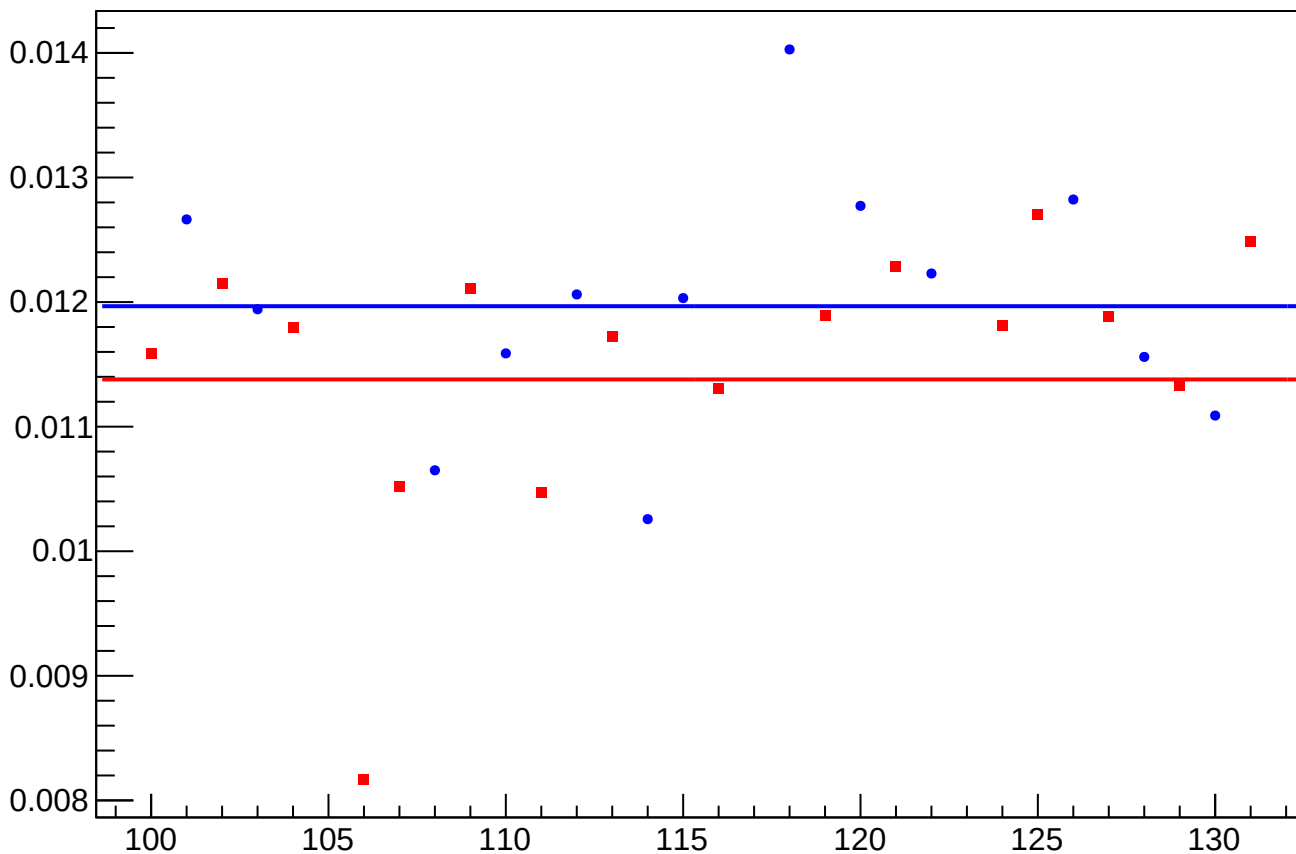
Right: -0.980+/-0.000 χ^2/NDF : 587794662.0/28

In: -0.978+/-0.000 χ^2/NDF :143570182.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.980+/-0.000 χ^2/NDF : 587794662.0/28

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 57996.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139492.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

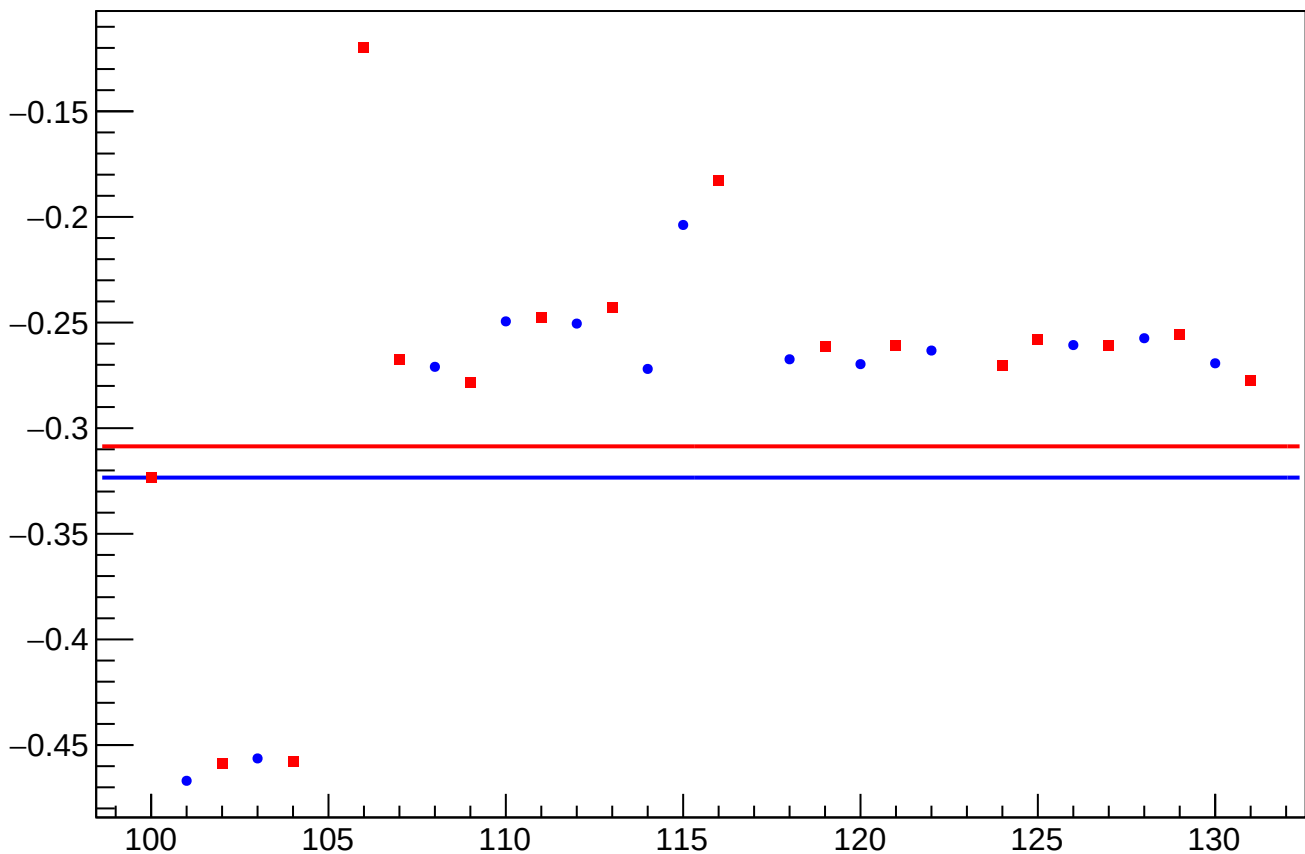
Right: 0.012+/-0.000 χ^2/NDF : 211776.7/28

In: 0.012+/-0.000 χ^2/NDF : 57996.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

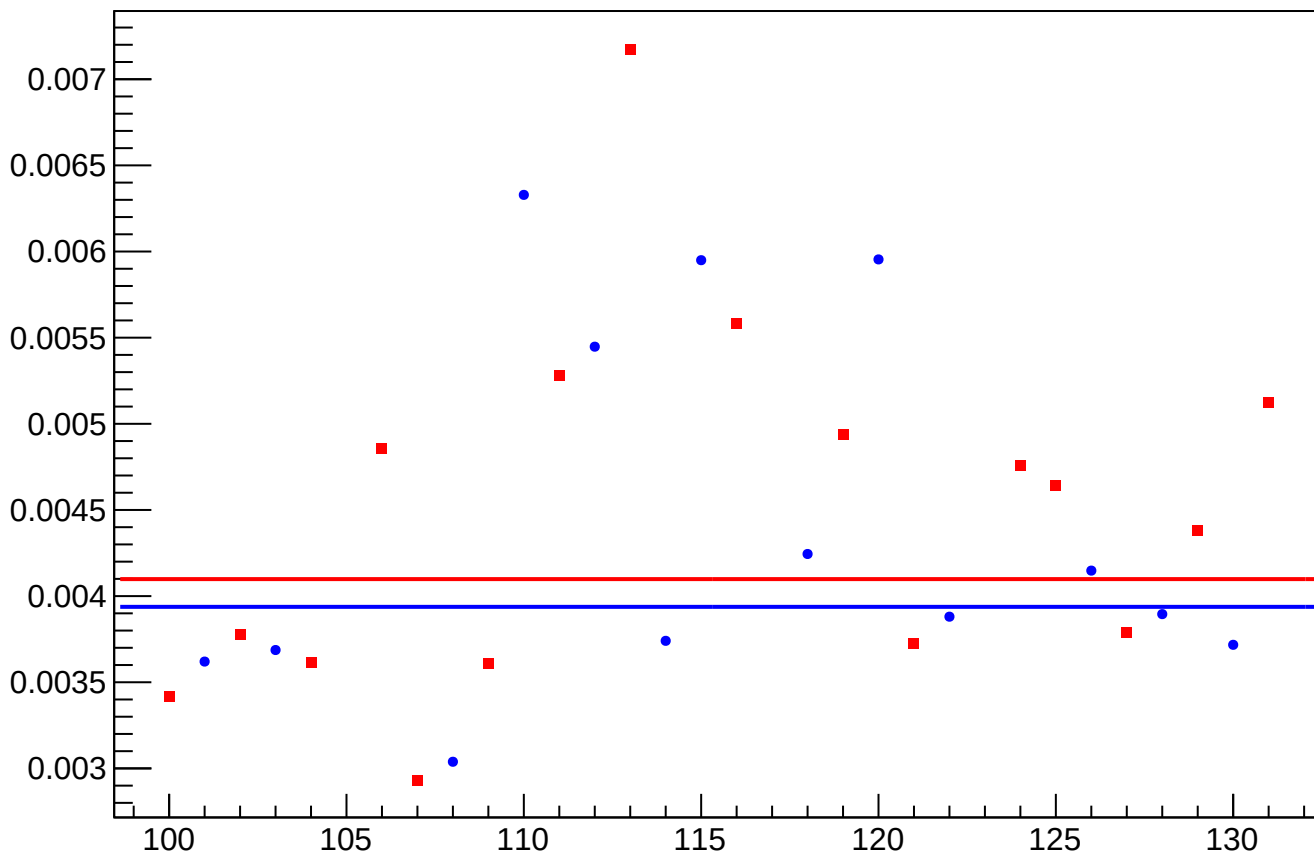
All: 0.012+/-0.000 χ^2/NDF : 211776.7/28

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.323+/-0.000 χ^2/NDF : 2510110206.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.309+/-0.000 χ^2/NDF : 2684785988.4/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.316+/-0.000 χ^2/NDF : 5228337004.1/28

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 346020.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 442390.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

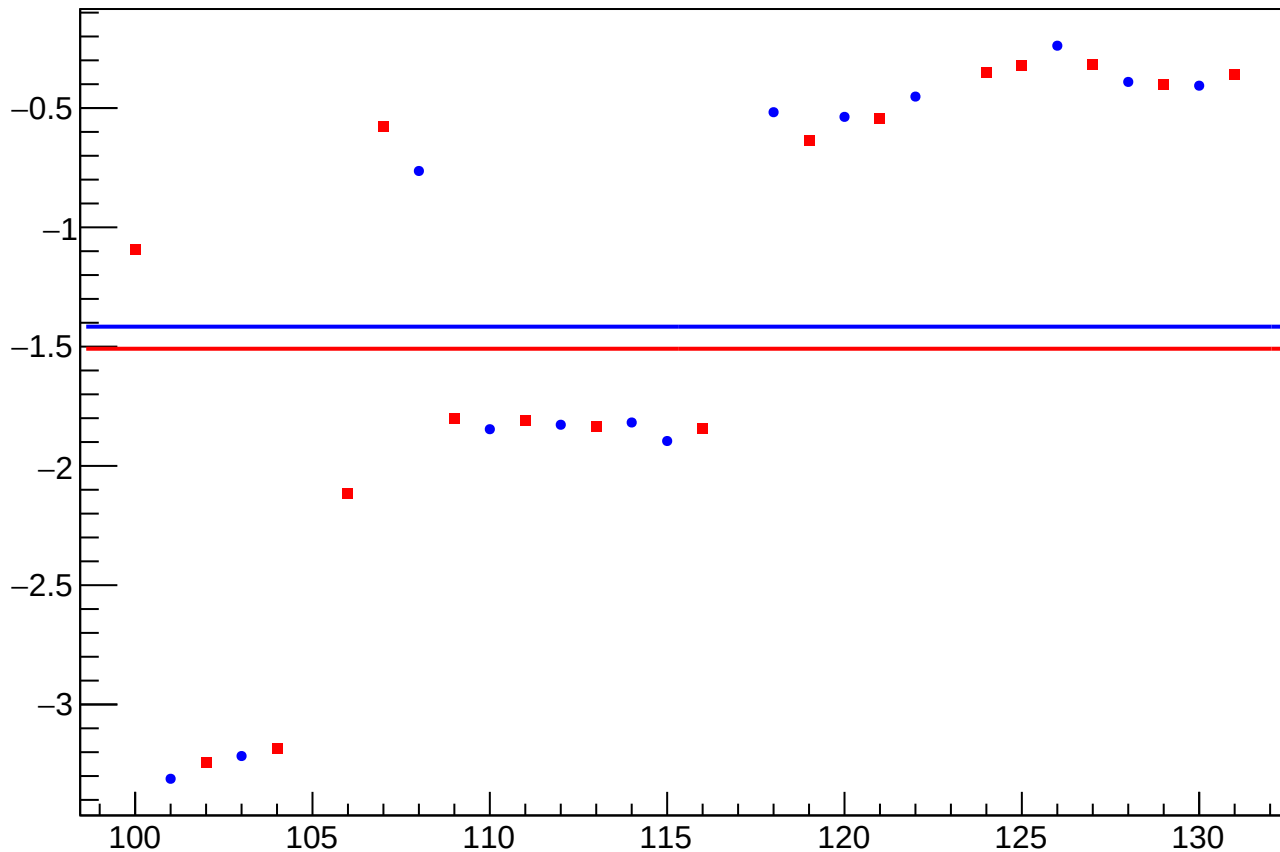
Right: 0.004+/-0.000 χ^2/NDF : 796340.9/28

In: 0.004+/-0.000 χ^2/NDF :346020.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 796340.9/28

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.416+/-0.000 χ^2/NDF : 1375399093.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.509+/-0.000 χ^2/NDF : 1240845576.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

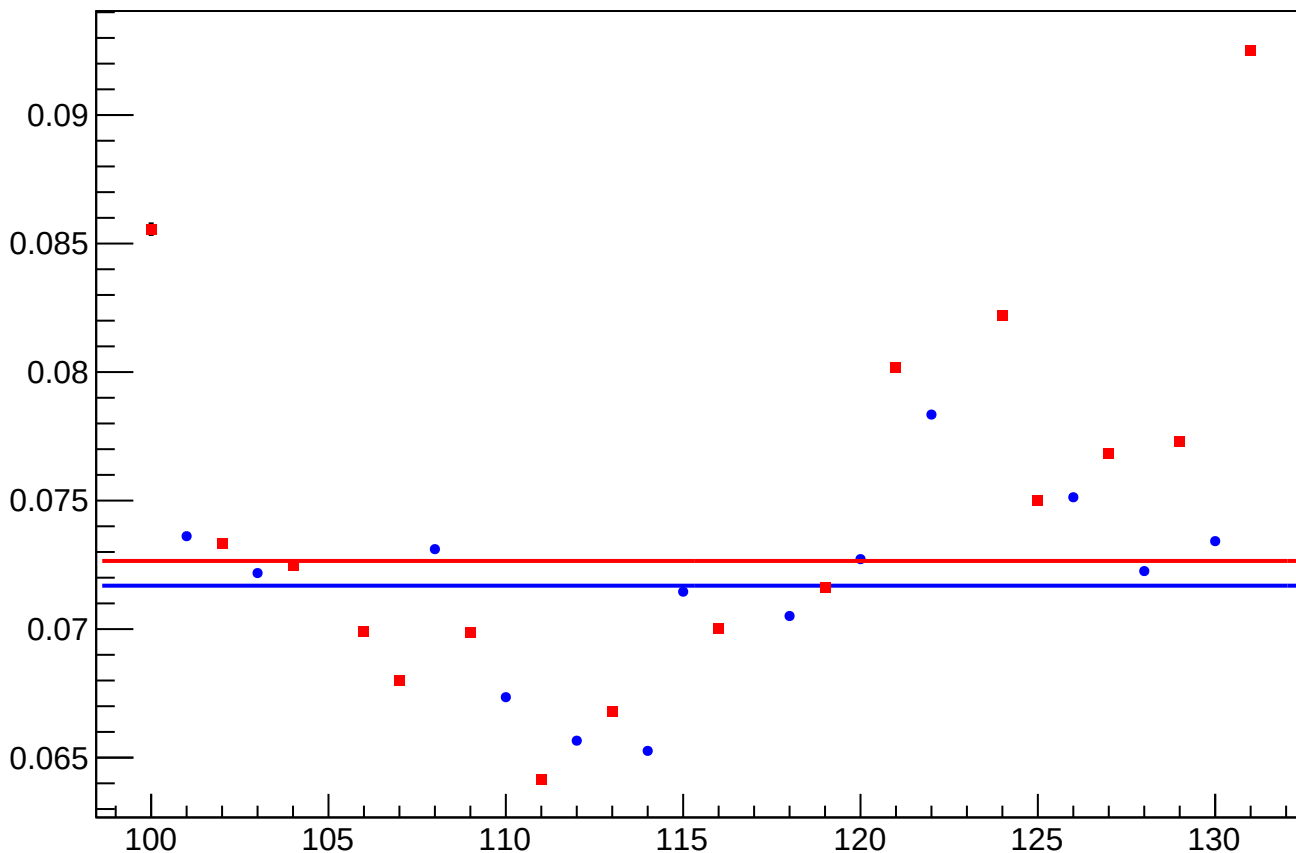
Right: -1.465+/-0.000 χ^2/NDF : 2620995071.8/28

In: -1.416+/-0.000 χ^2/NDF :1375399093.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.465+/-0.000 χ^2/NDF : 2620995071.8/28

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 23549.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 83043.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

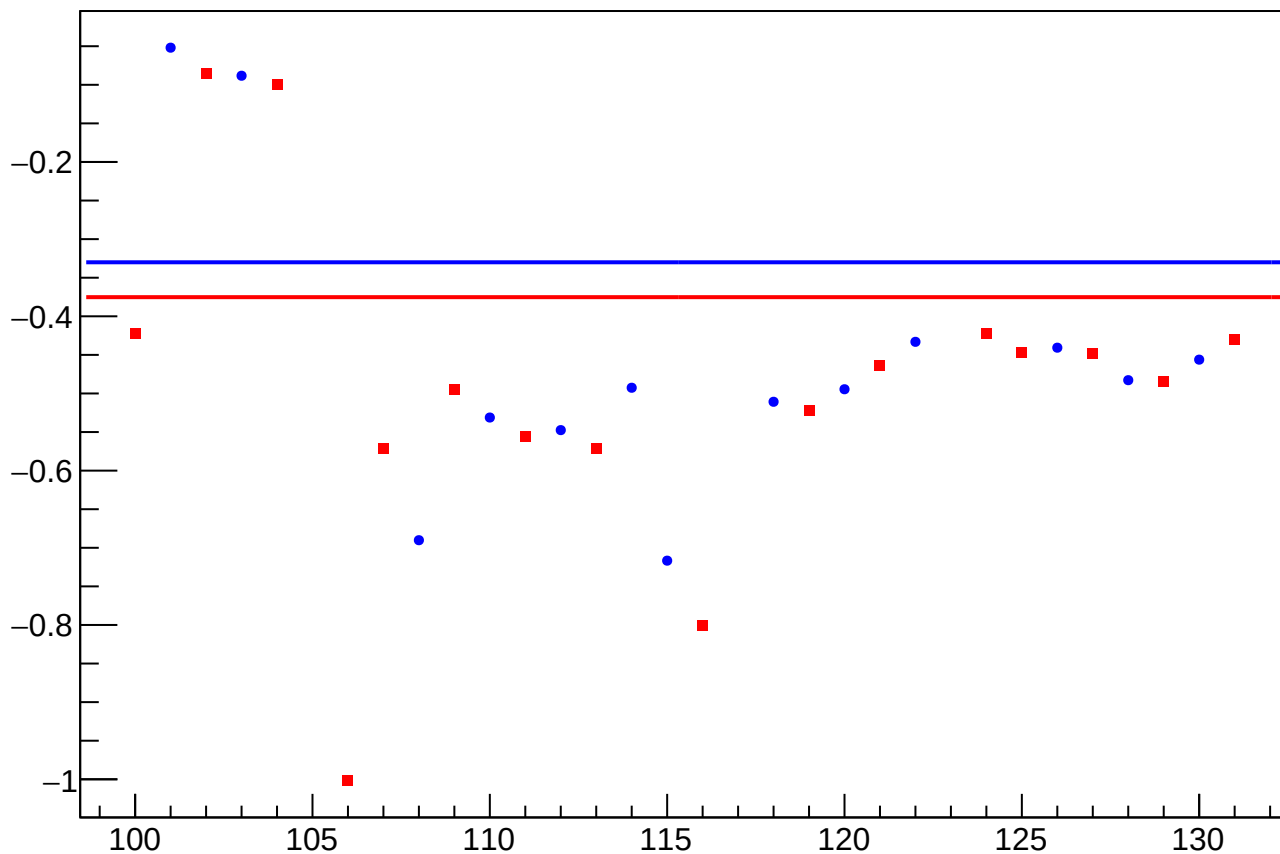
Right: 0.072+/-0.000 χ^2/NDF : 107620.6/28

In: 0.072+/-0.000 χ^2/NDF :23549.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.072+/-0.000 χ^2/NDF : 107620.6/28

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.000 χ^2/NDF : 1868374654.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.375+/-0.000 χ^2/NDF : 2513484311.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

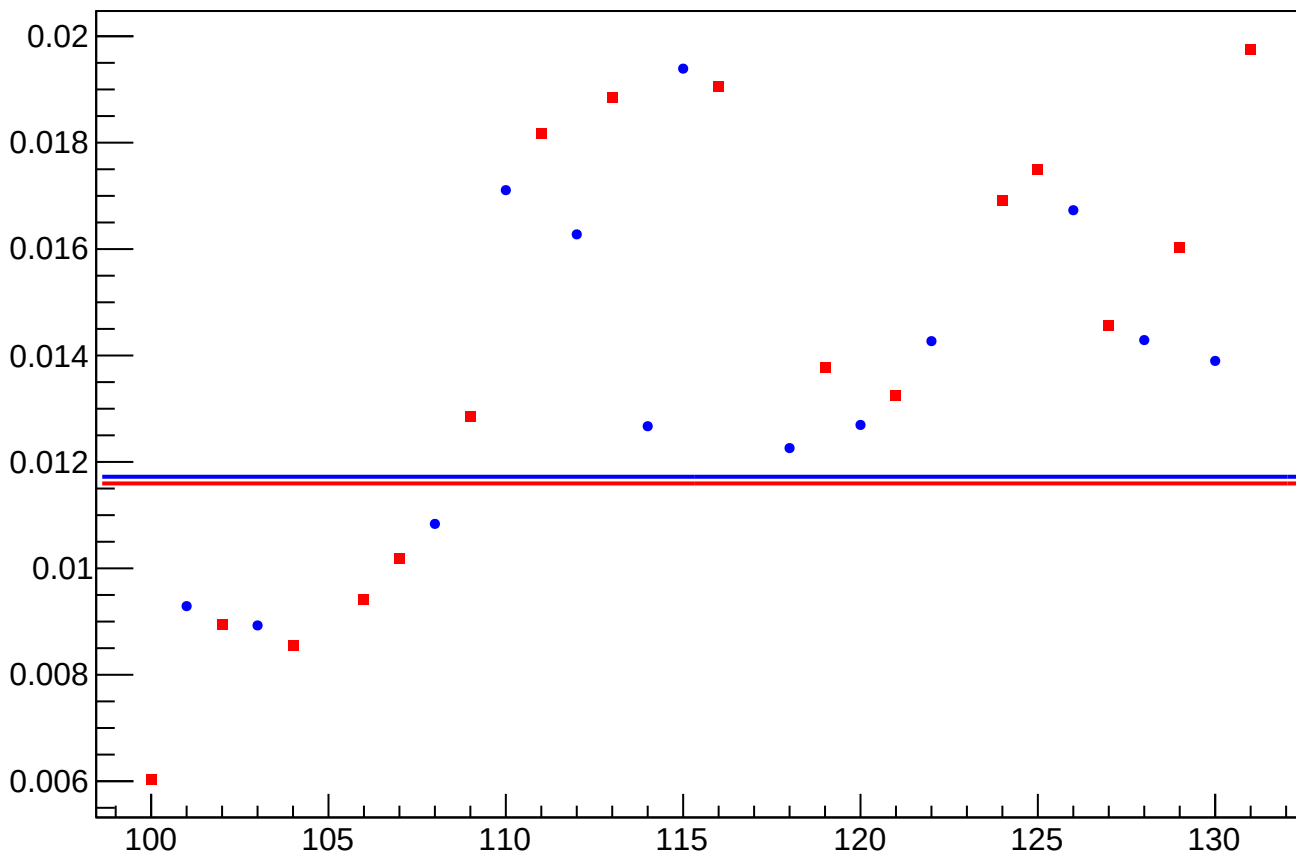
Right: -0.354+/-0.000 χ^2/NDF : 4418296001.2/28

In: -0.330+/-0.000 χ^2/NDF : 1868374654.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.354+/-0.000 χ^2/NDF : 4418296001.2/28

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 513339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1012925.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

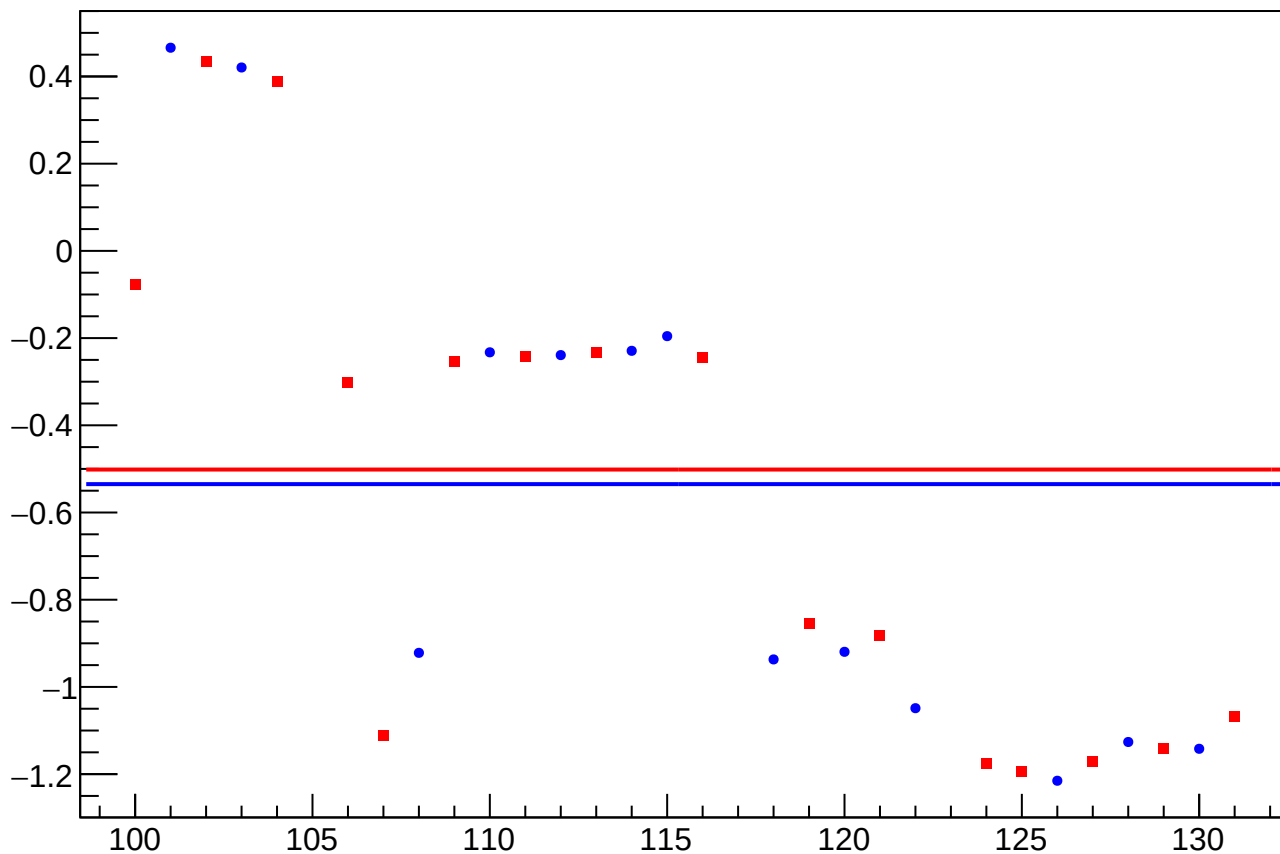
Right: 0.012+/-0.000 χ^2/NDF : 1526829.0/28

In: 0.012+/-0.000 χ^2/NDF :513339.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1526829.0/28

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.535+/-0.000 χ^2/NDF : 279756629.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.501+/-0.000 χ^2/NDF : 261755184.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

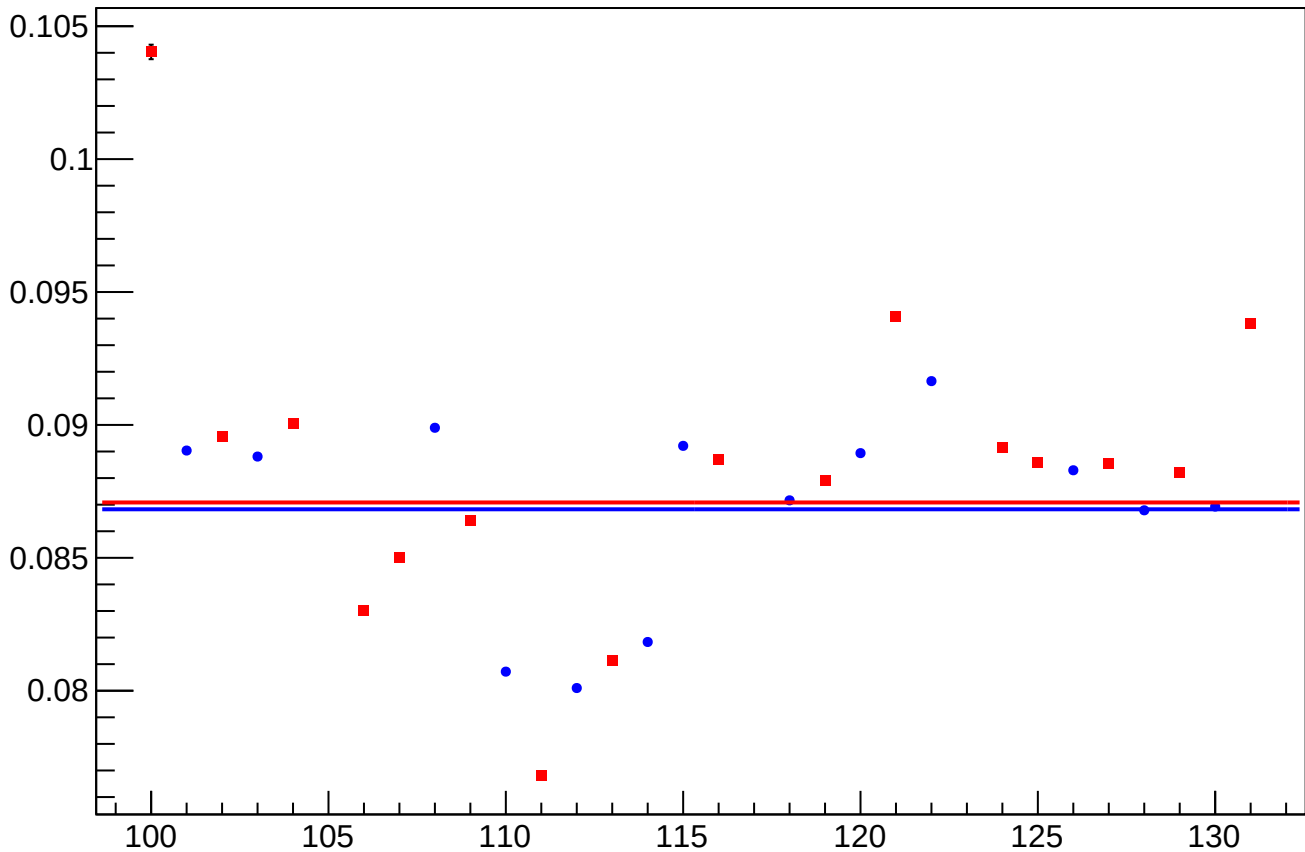
Right: -0.517+/-0.000 χ^2/NDF : 541946903.4/28

In: -0.535+/-0.000 χ^2/NDF : 279756629.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.517+/-0.000 χ^2/NDF : 541946903.4/28

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 17632.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 38811.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

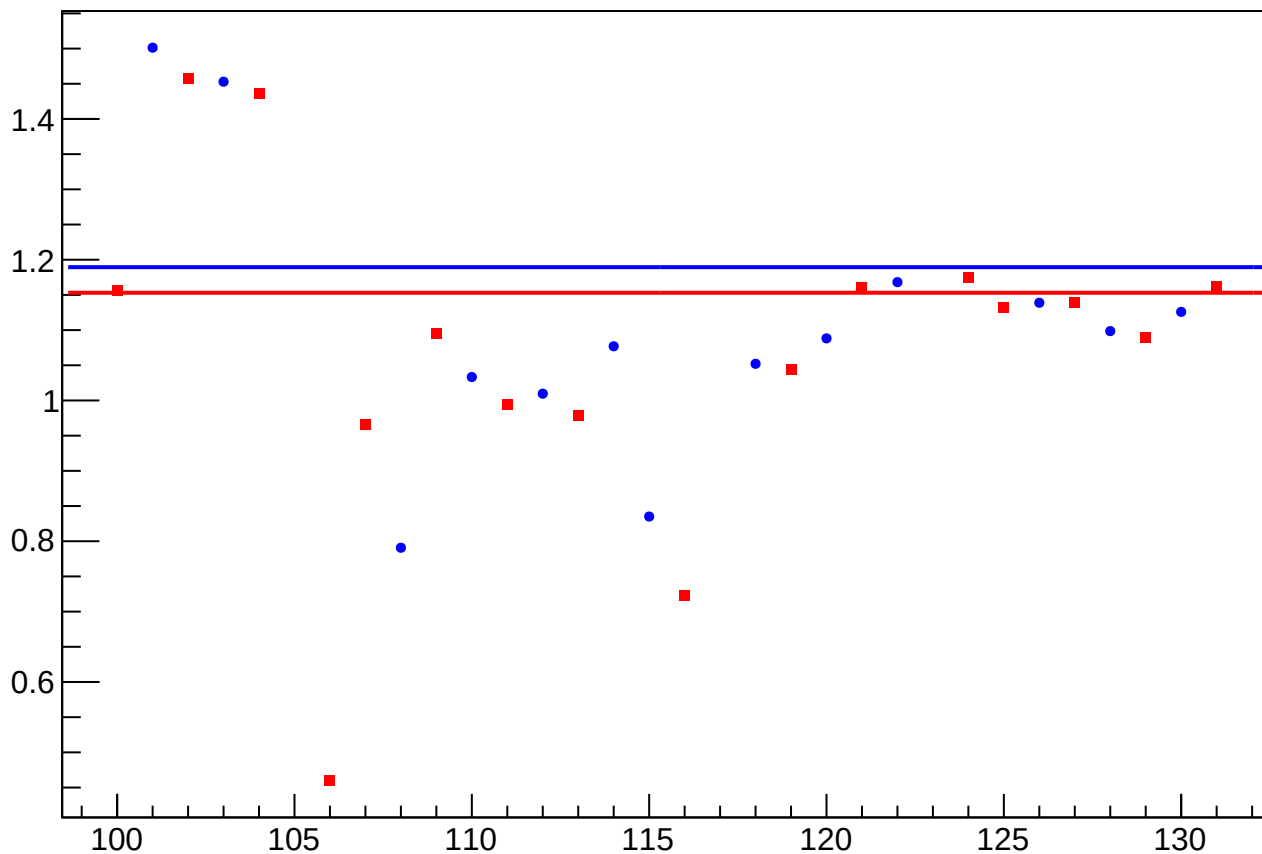
Right: 0.087+/-0.000 χ^2/NDF : 56495.5/28

In: 0.087+/-0.000 χ^2/NDF : 17632.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 56495.5/28

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.189+/-0.000

χ^2/NDF : 1075747343.9/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.171+/-0.000 χ^2/NDF : 2497256586.0/28

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.189+/-0.000 χ^2/NDF : 1075747343.9/12

Right Out: 1.153+/-0.000

χ^2/NDF : 1407888223.8/15

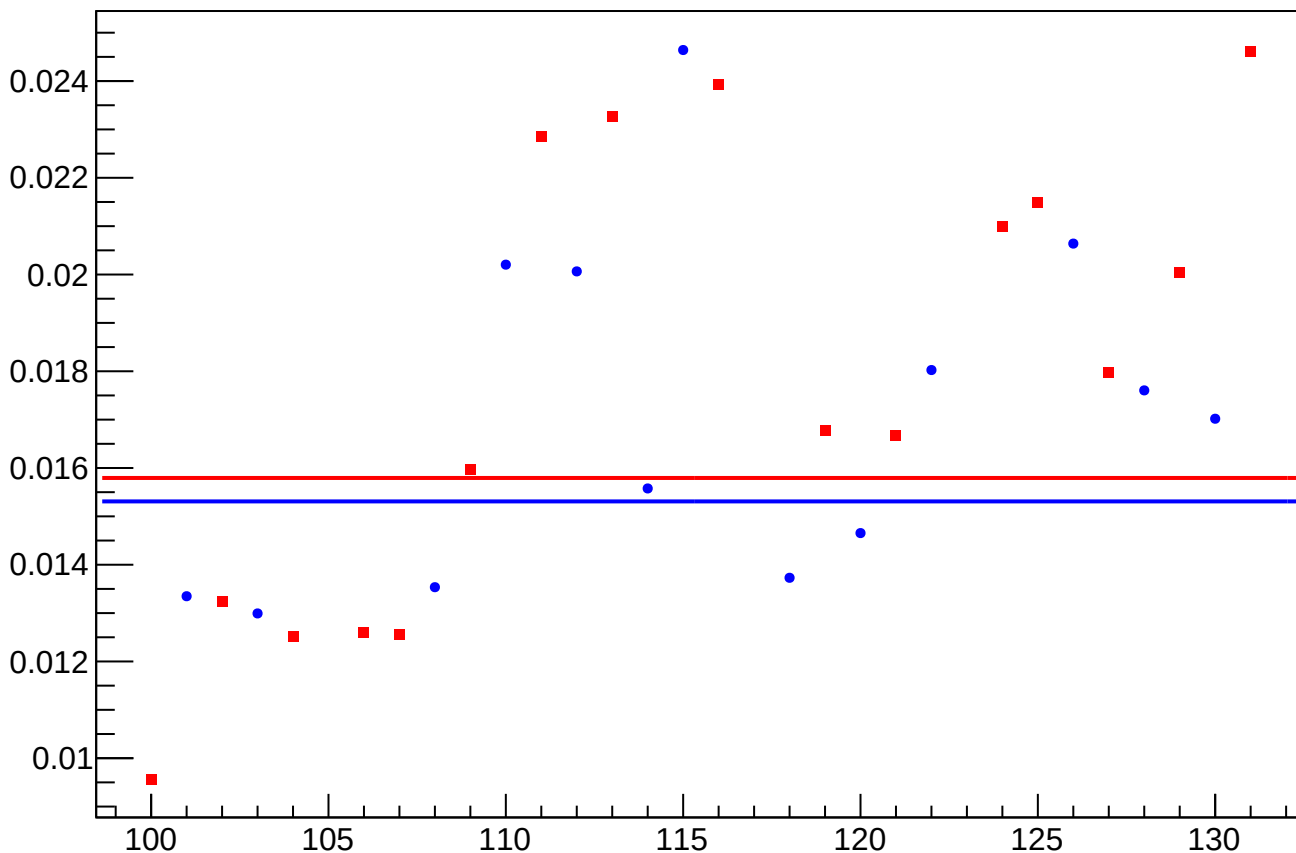
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.171+/-0.000 χ^2/NDF : 2497256586.0/28

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 295849.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 627029.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

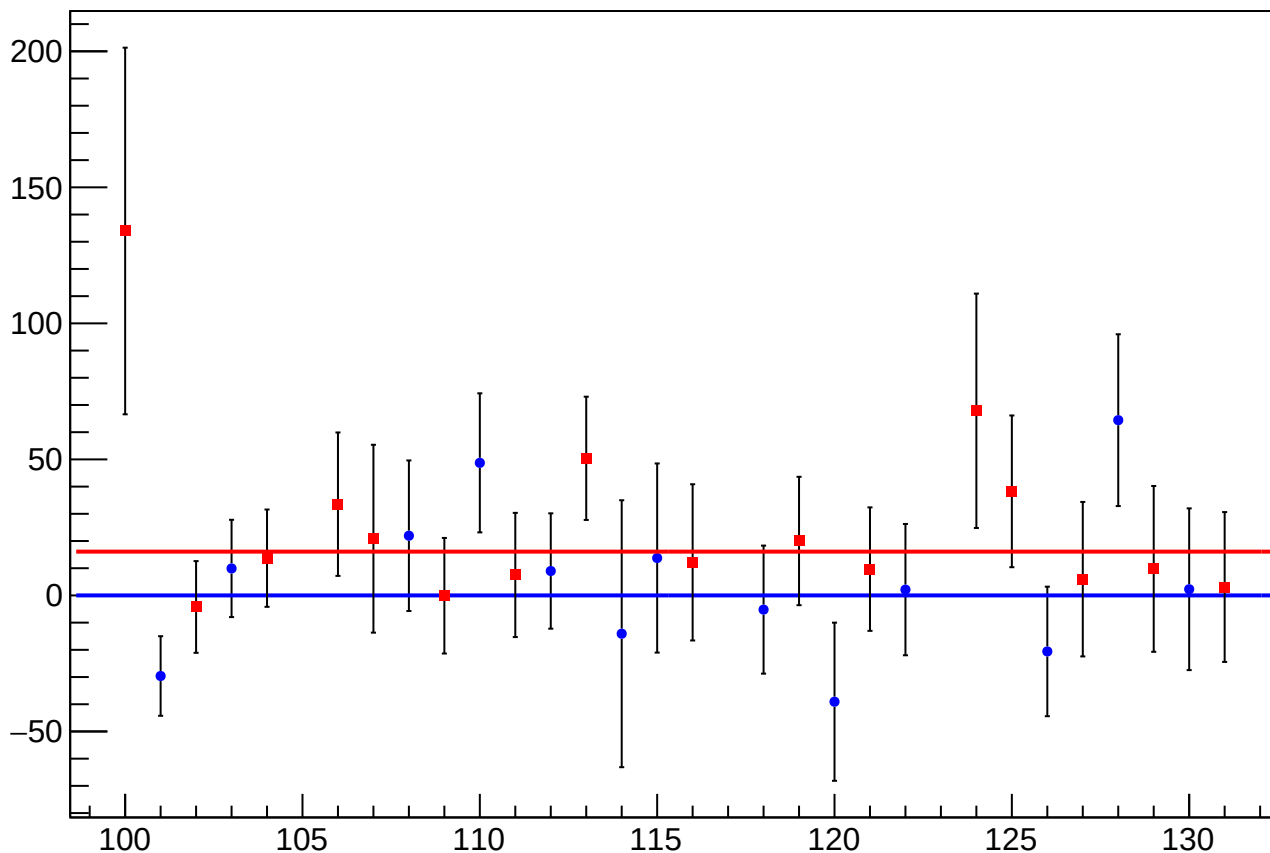
Right: 0.016+/-0.000 χ^2/NDF : 927723.4/28

In: 0.015+/-0.000 χ^2/NDF :295849.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 927723.4/28

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.006+/-6.635 χ^2/NDF : 15.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.097+/-6.245 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

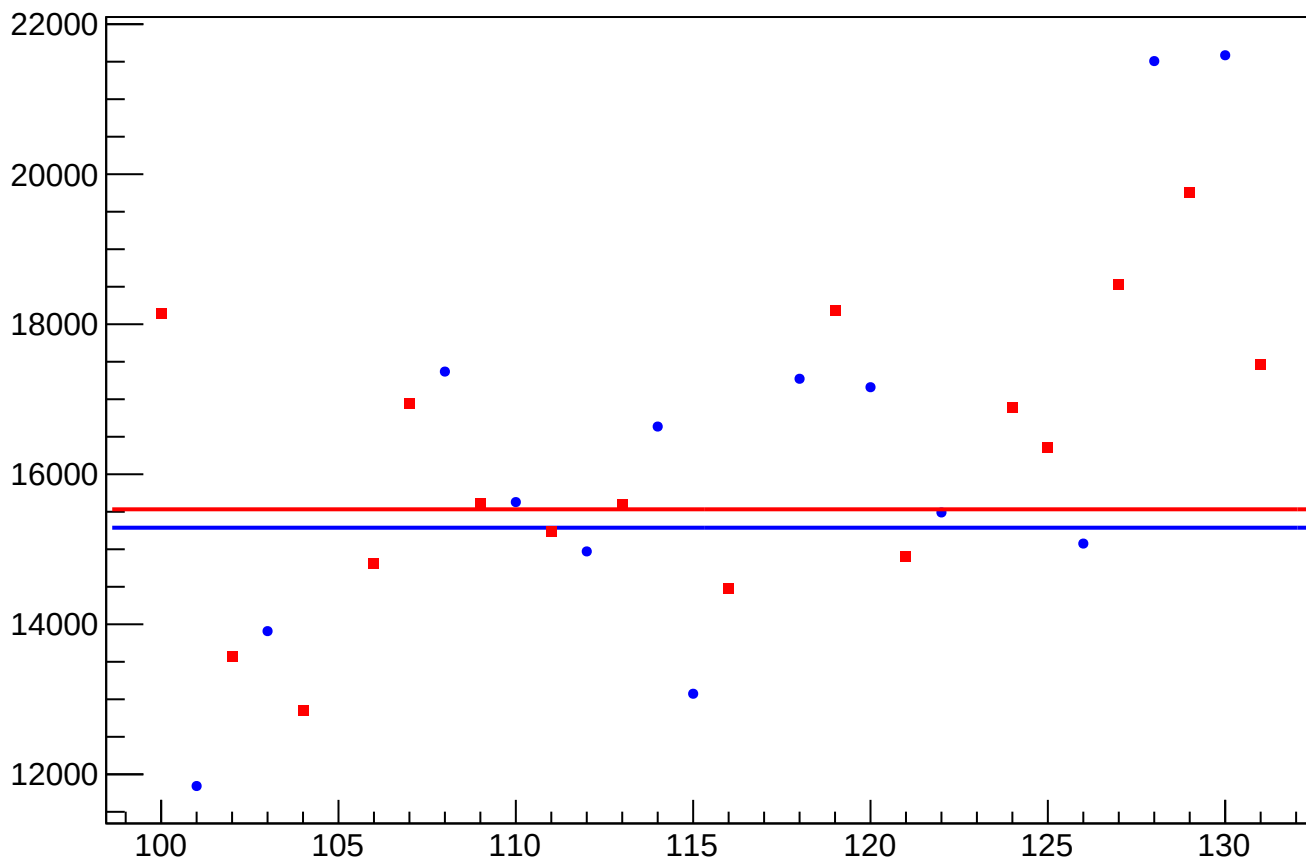
Right: 8.538+/-4.548 χ^2/NDF : 29.6/28

In: 0.006+/-6.635 χ^2/NDF : 15.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.538+/-4.548 χ^2/NDF : 29.6/28

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15287.524+/-4.692 χ^2/NDF : 334820.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15532.796+/-4.416 χ^2/NDF : 184084.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

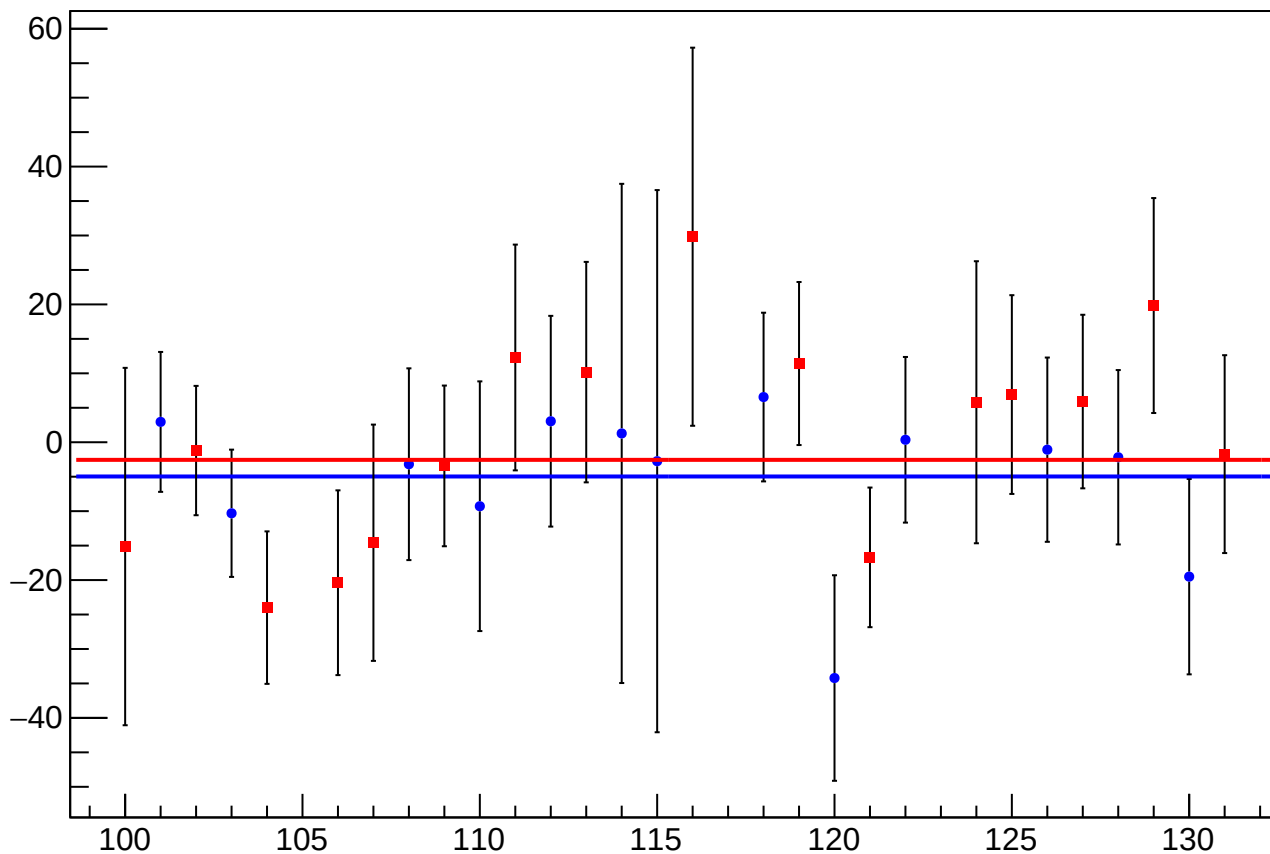
Right: 15417.579+/-3.216 χ^2/NDF : 520354.0/28

In: 15287.524+/-4.692 χ^2/NDF : 334820.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15417.579+/-3.216 χ^2/NDF : 520354.0/28

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.969+/-3.773 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.556+/-3.417 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

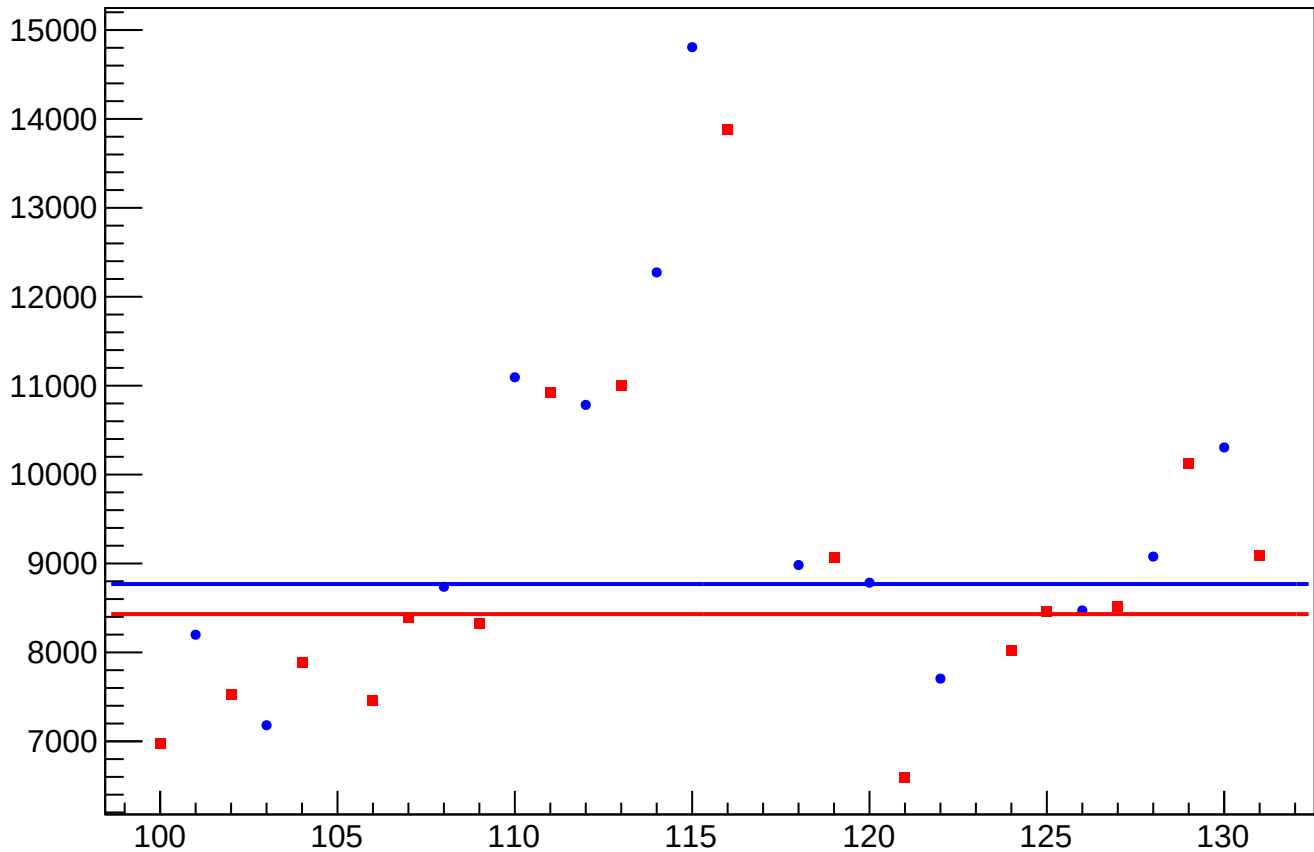
Right: -3.643+/-2.533 χ^2/NDF : 23.3/28

In: -4.969+/-3.773 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.643+/-2.533 χ^2/NDF : 23.3/28

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8768.967+/-2.668 χ^2/NDF : 240952.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8430.797+/-2.416 χ^2/NDF : 316536.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

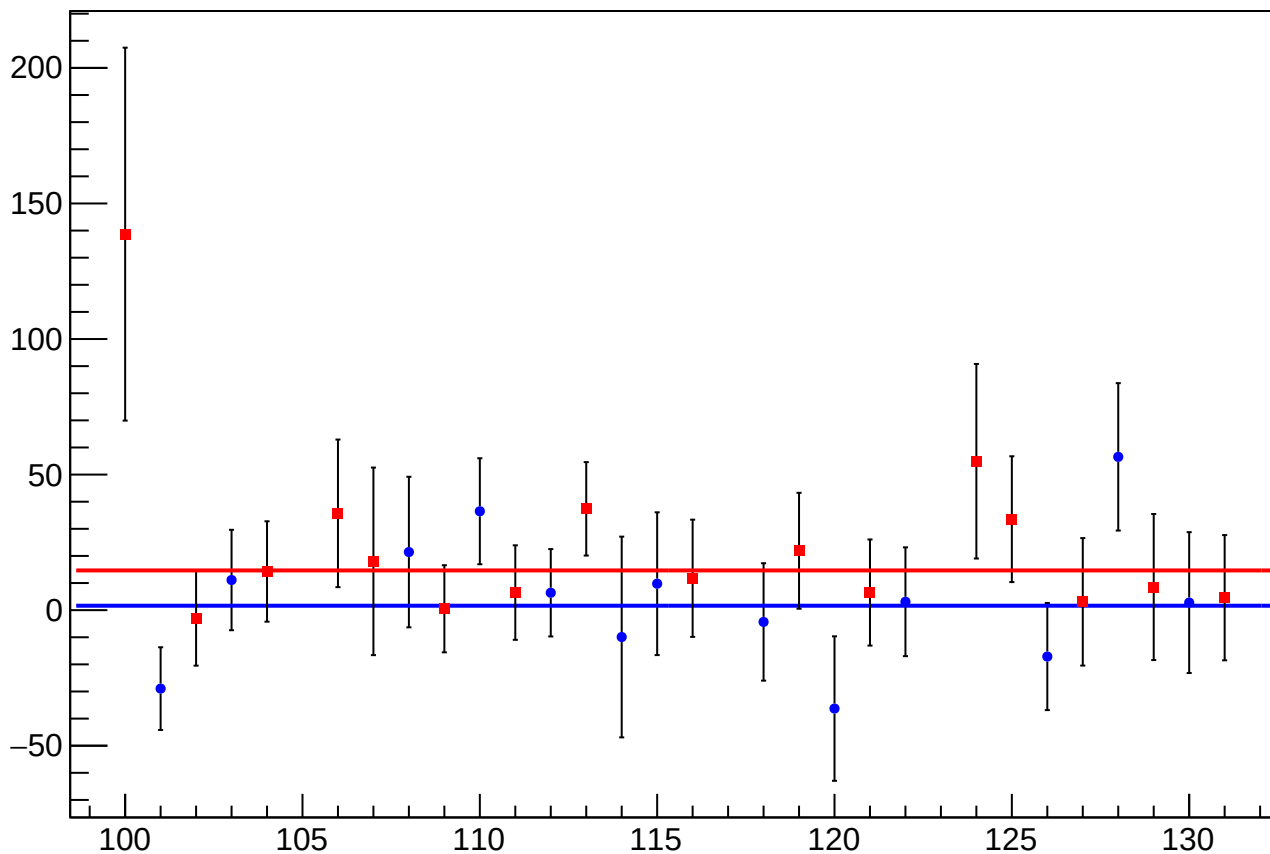
Right: 8583.164+/-1.791 χ^2/NDF : 566315.2/28

In: 8768.967+/-2.668 χ^2/NDF : 240952.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8583.164+/-1.791 χ^2/NDF : 566315.2/28

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.636+/-5.915 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.648+/-5.443 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

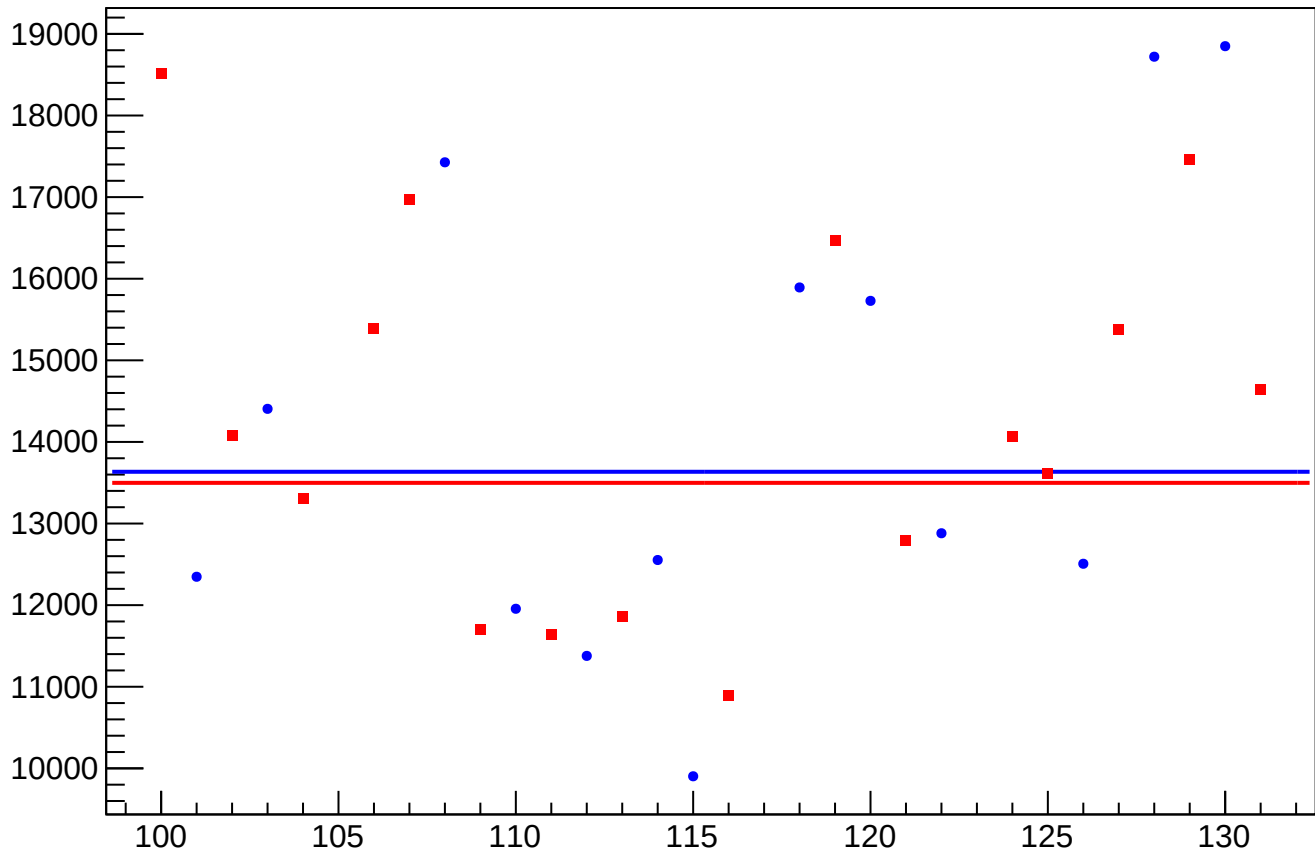
Right: 8.683+/-4.005 χ^2/NDF : 28.3/28

In: 1.636+/-5.915 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.683+/-4.005 χ^2/NDF : 28.3/28

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13634.309+/-4.183 χ^2/NDF : 344940.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13498.568+/-3.849 χ^2/NDF : 240385.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

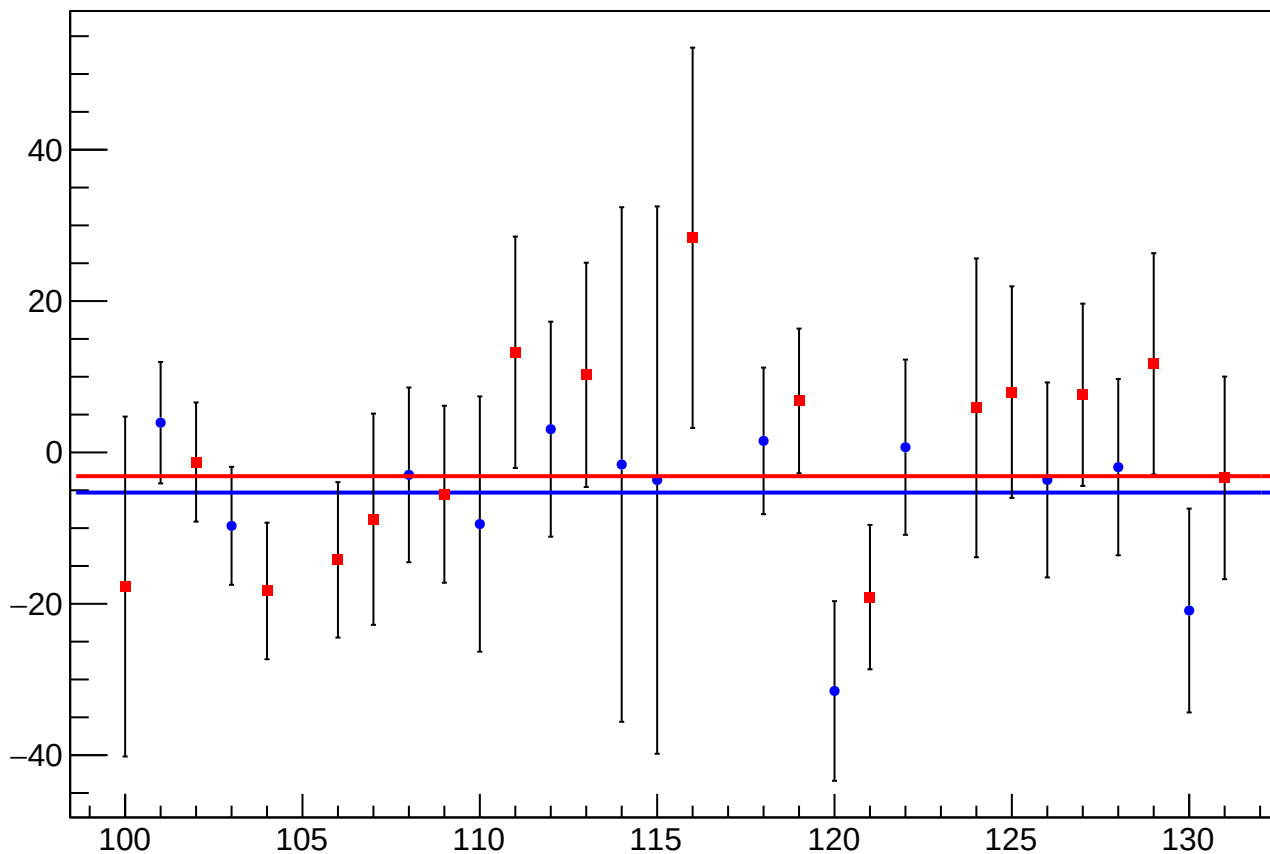
Right: 13560.800+/-2.832 χ^2/NDF : 585896.3/28

In: 13634.309+/-4.183 χ^2/NDF :344940.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13560.800+/-2.832 χ^2/NDF : 585896.3/28

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -5.301+/-3.266 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.138+/-3.022 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

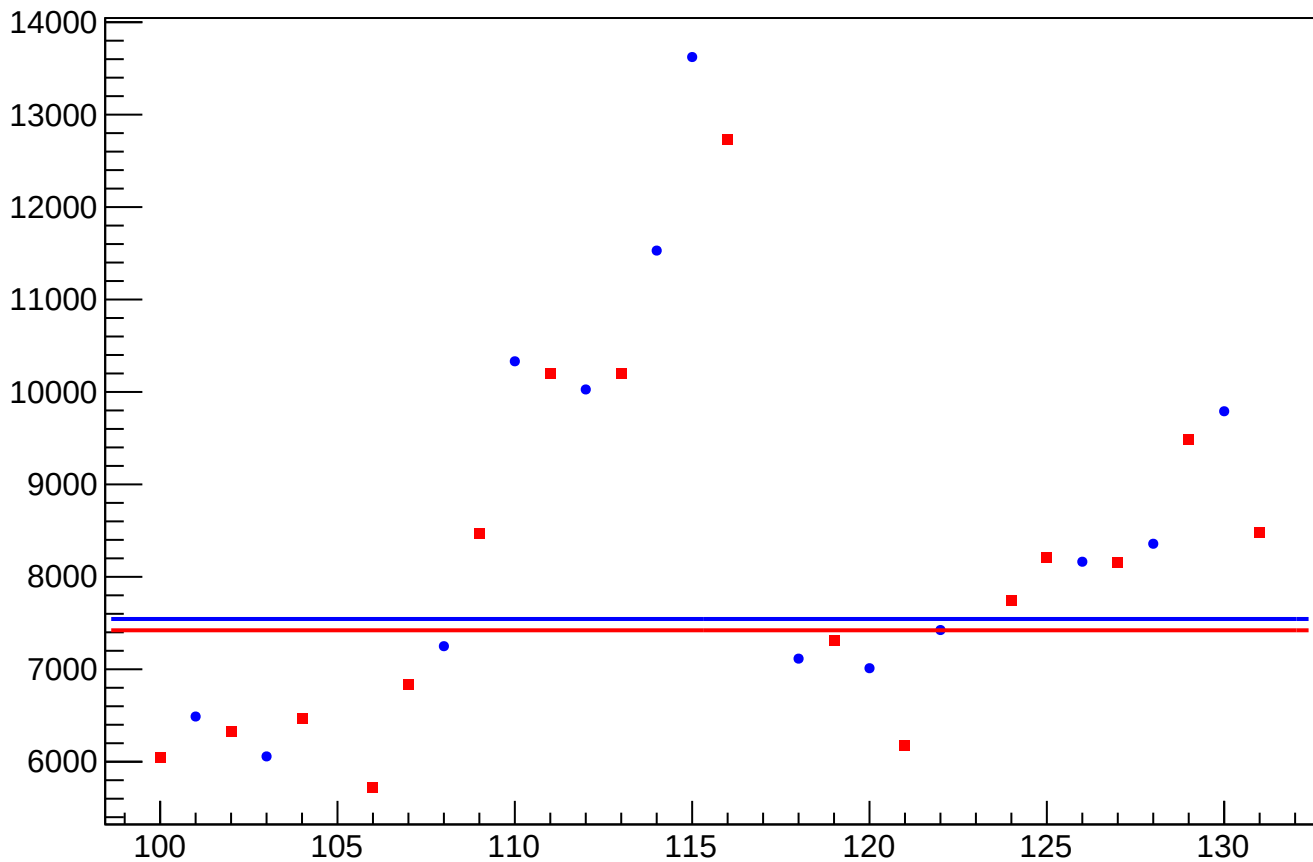
Right: -4.136+/-2.218 χ^2/NDF : 24.2/28

In: -5.301+/-3.266 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.136+/-2.218 χ^2/NDF : 24.2/28

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7544.172+/-2.309 χ^2/NDF : 386696.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7421.718+/-2.137 χ^2/NDF : 468803.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

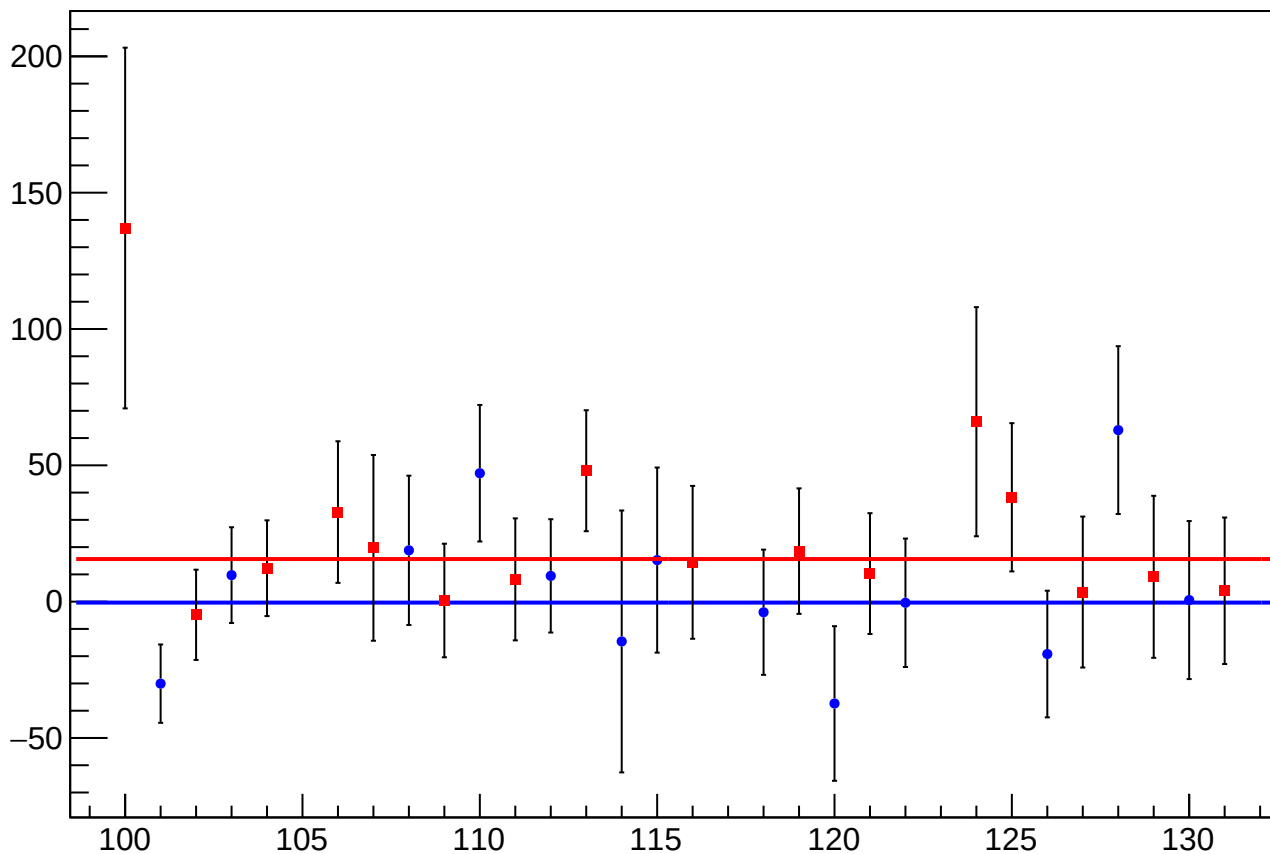
Right: 7478.190+/-1.568 χ^2/NDF : 857014.4/28

In: 7544.172+/-2.309 χ^2/NDF : 386696.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7478.190+/-1.568 χ^2/NDF : 857014.4/28

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.344 ± 6.499 χ^2/NDF : 15.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.631 ± 6.115 χ^2/NDF : 10.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

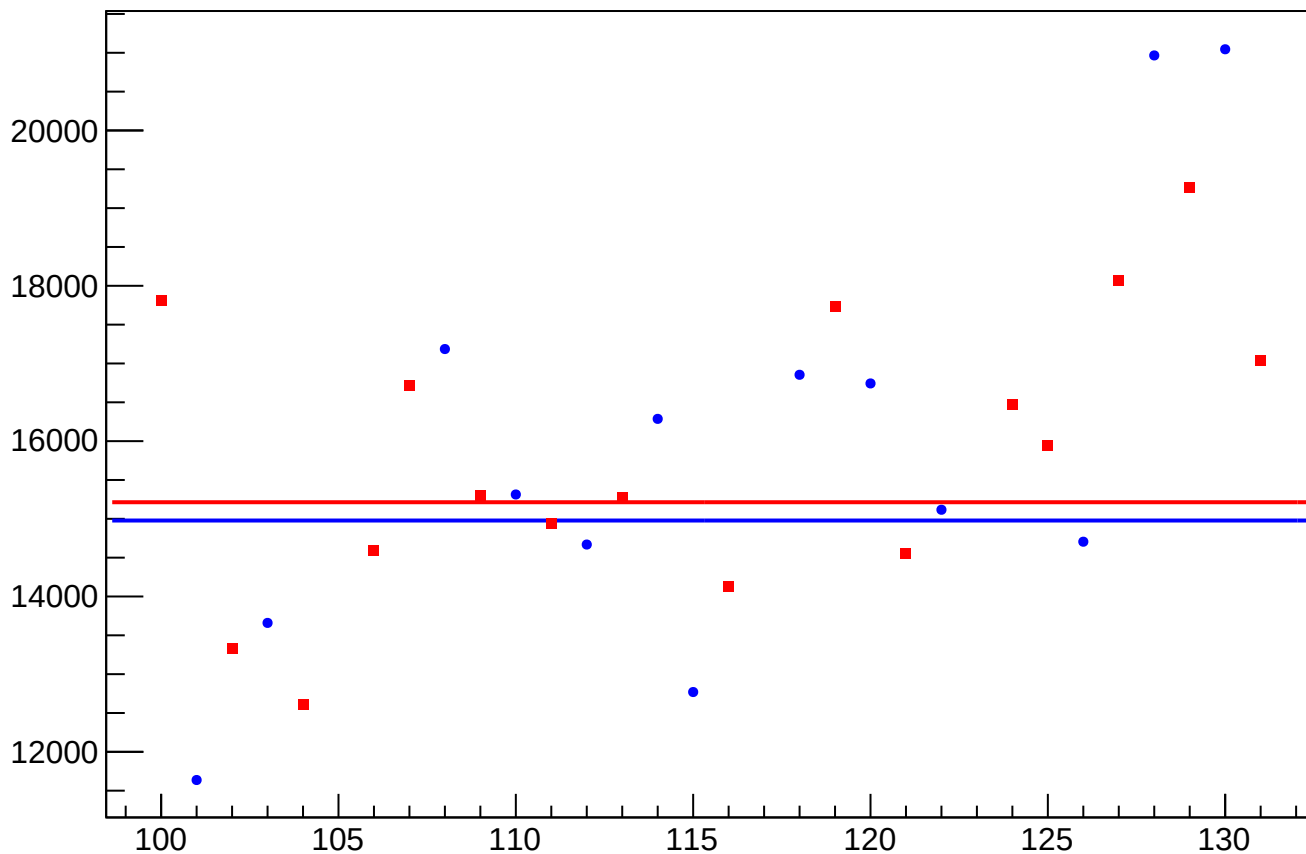
Right: 8.129 ± 4.454 χ^2/NDF : 29.8/28

In: -0.344 ± 6.499 χ^2/NDF : 15.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.129 ± 4.454 χ^2/NDF : 29.8/28

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14978.062+/-4.595 χ^2/NDF : 327974.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15213.559+/-4.324 χ^2/NDF : 177865.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

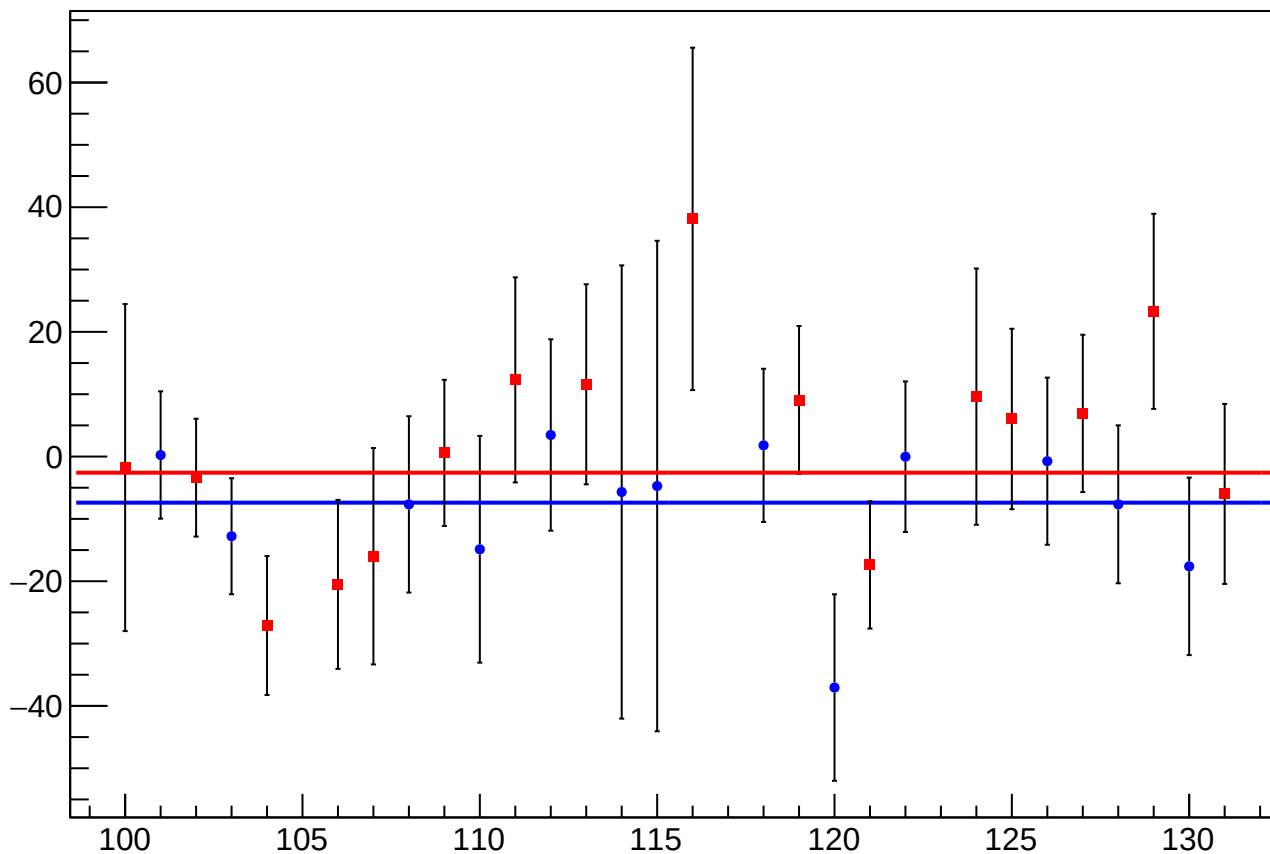
Right: 15102.961+/-3.149 χ^2/NDF : 507233.1/28

In: 14978.062+/-4.595 χ^2/NDF :327974.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15102.961+/-3.149 χ^2/NDF : 507233.1/28

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.396+/-3.793 χ^2/NDF : 7.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.589+/-3.437 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

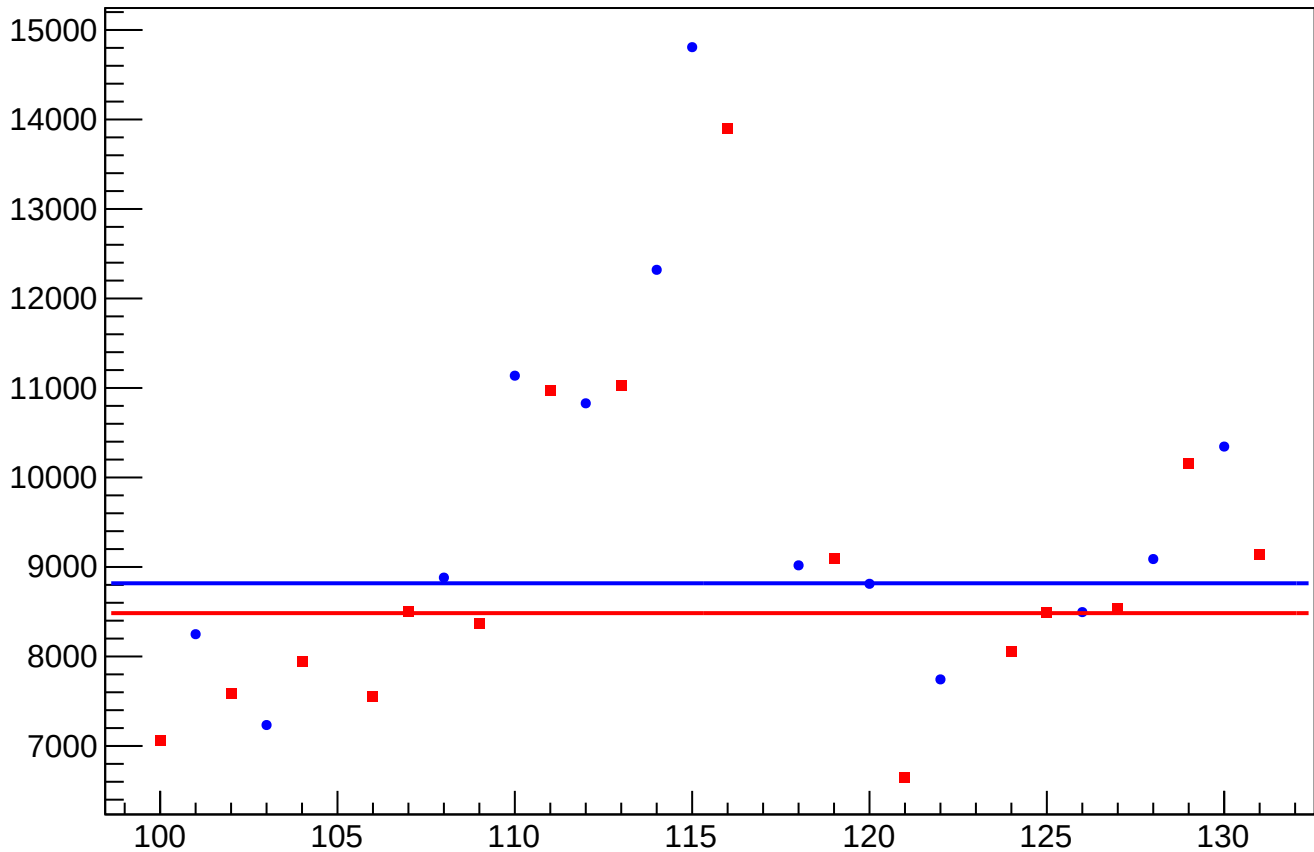
Right: -4.756+/-2.547 χ^2/NDF : 26.3/28

In: -7.396+/-3.793 χ^2/NDF : 7.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.756+/-2.547 χ^2/NDF : 26.3/28

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8817.848+/-2.682 χ^2/NDF : 237442.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8484.298+/-2.430 χ^2/NDF : 309848.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

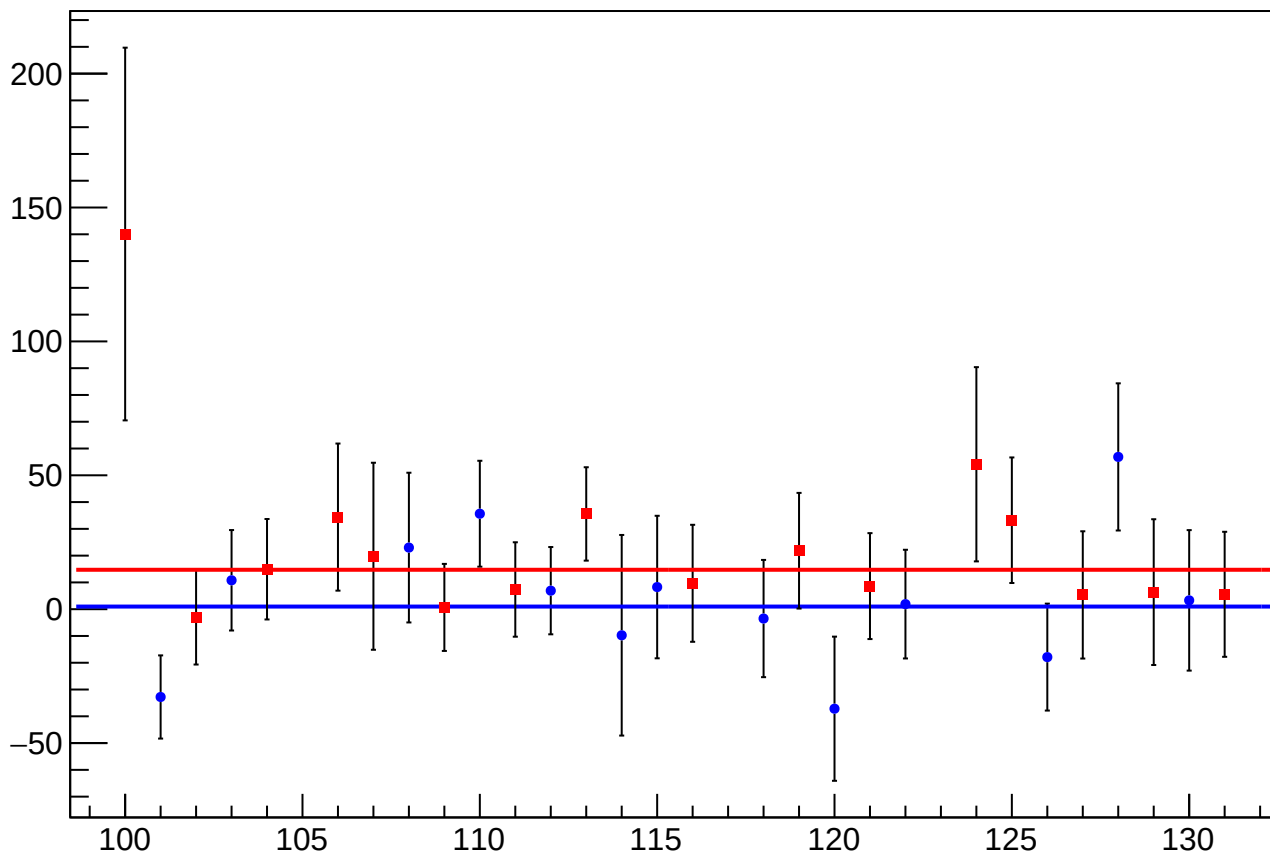
Right: 8634.679+/-1.801 χ^2/NDF : 555781.6/28

In: 8817.848+/-2.682 χ^2/NDF : 237442.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8634.679+/-1.801 χ^2/NDF : 555781.6/28

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.981+/-5.987 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.719+/-5.504 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

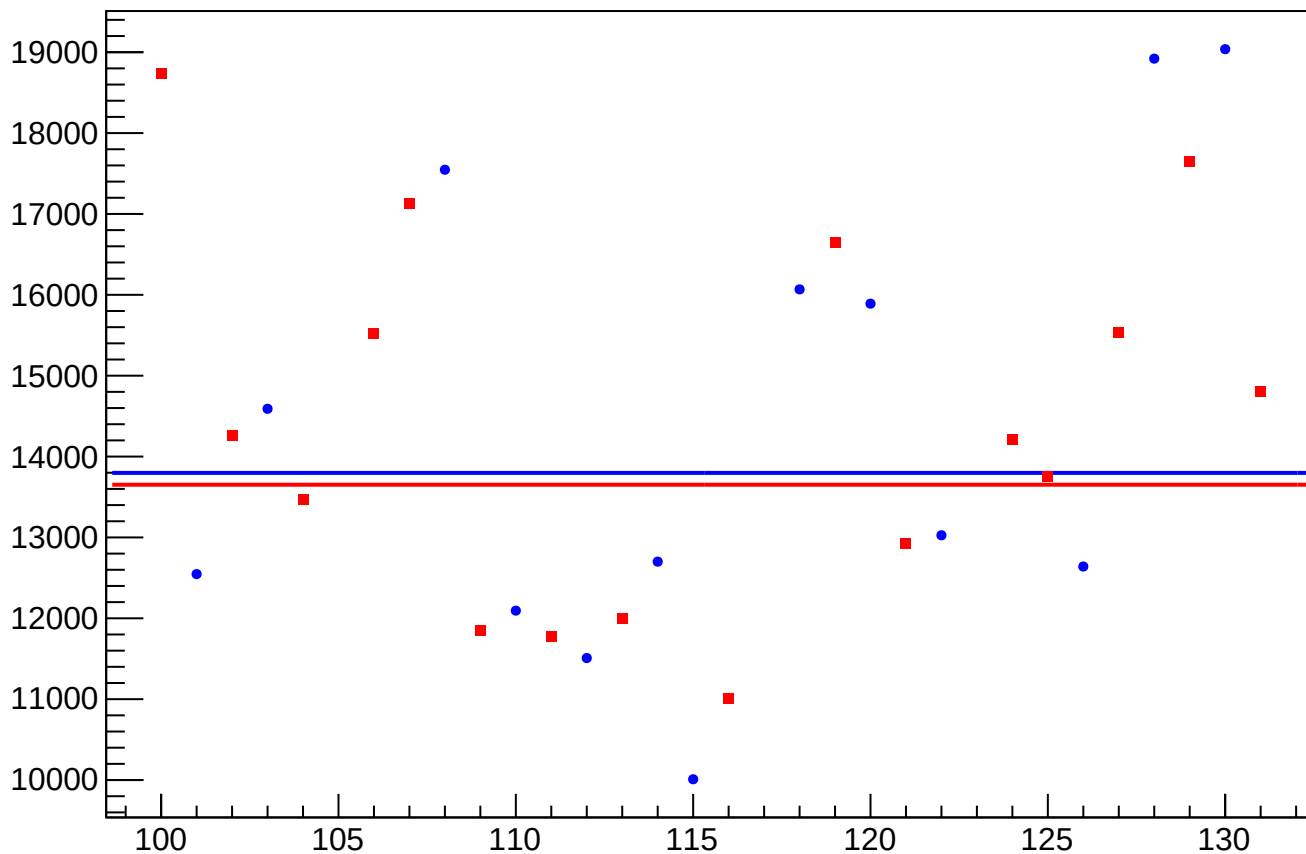
Right: 8.427+/-4.052 χ^2/NDF : 28.5/28

In: 0.981+/-5.987 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.427+/-4.052 χ^2/NDF : 28.5/28

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13798.087+/-4.234 χ^2/NDF : 341539.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13651.873+/-3.892 χ^2/NDF : 239154.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

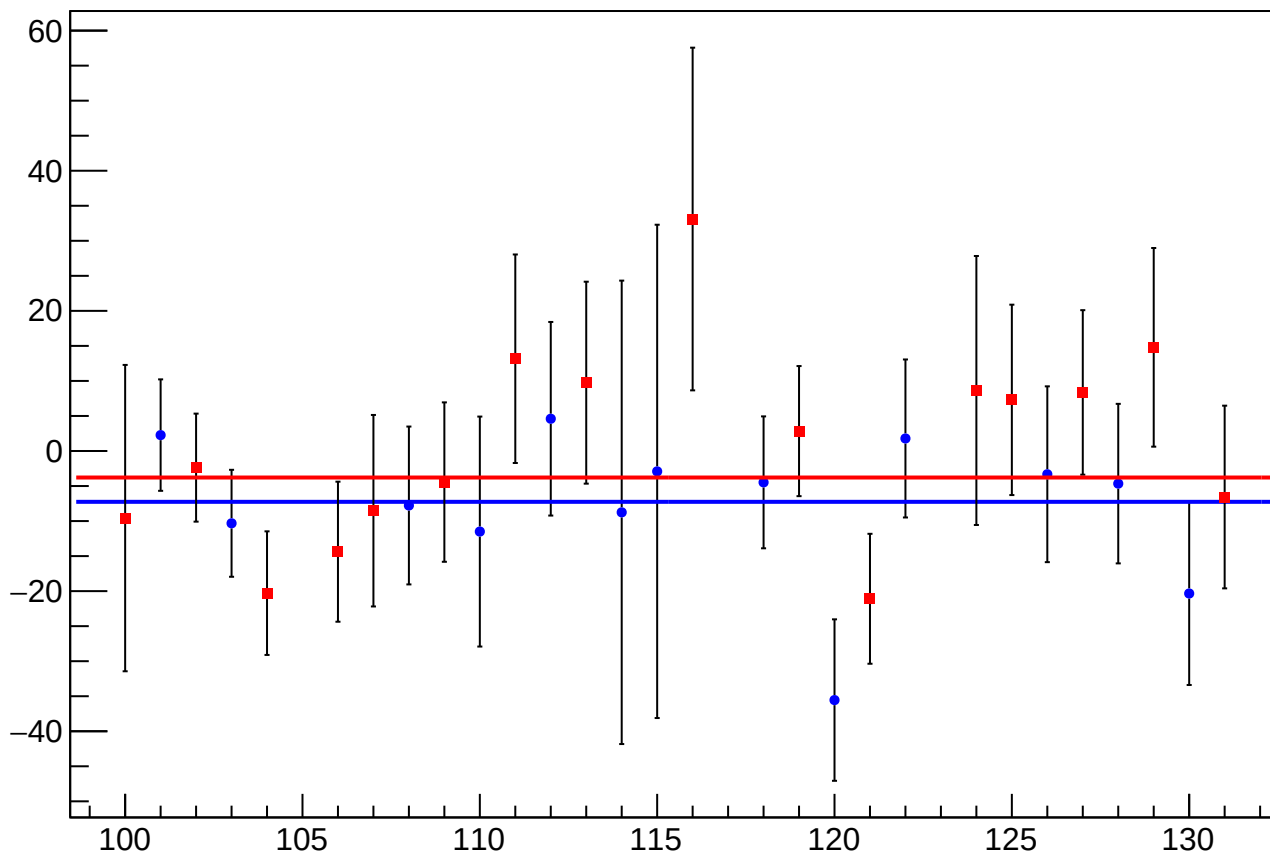
Right: 13718.842+/-2.865 χ^2/NDF : 581340.3/28

In: 13798.087+/-4.234 χ^2/NDF :341539.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13718.842+/-2.865 χ^2/NDF : 581340.3/28

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -7.254 ± 3.192 $\chi^2/\text{NDF}: 10.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.785 ± 2.944 $\chi^2/\text{NDF}: 17.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

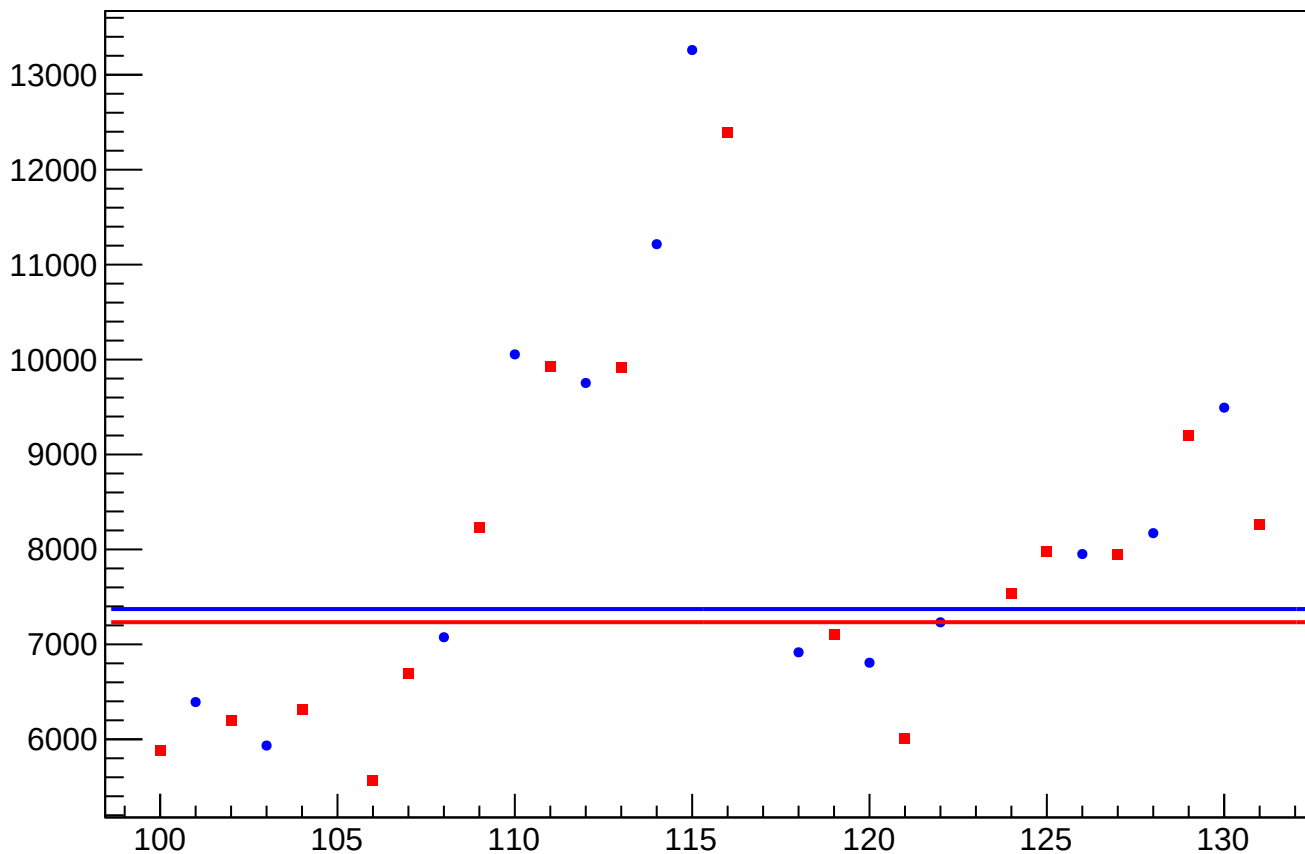
Right: -5.380 ± 2.164 $\chi^2/\text{NDF}: 28.2/28$

In: -7.254 ± 3.192 $\chi^2/\text{NDF}: 10.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.380 ± 2.164 $\chi^2/\text{NDF}: 28.2/28$

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7371.840 $\pm$ 2.257 χ^2/NDF : 375256.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 7233.554 $\pm$ 2.082 χ^2/NDF : 463176.4/15

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

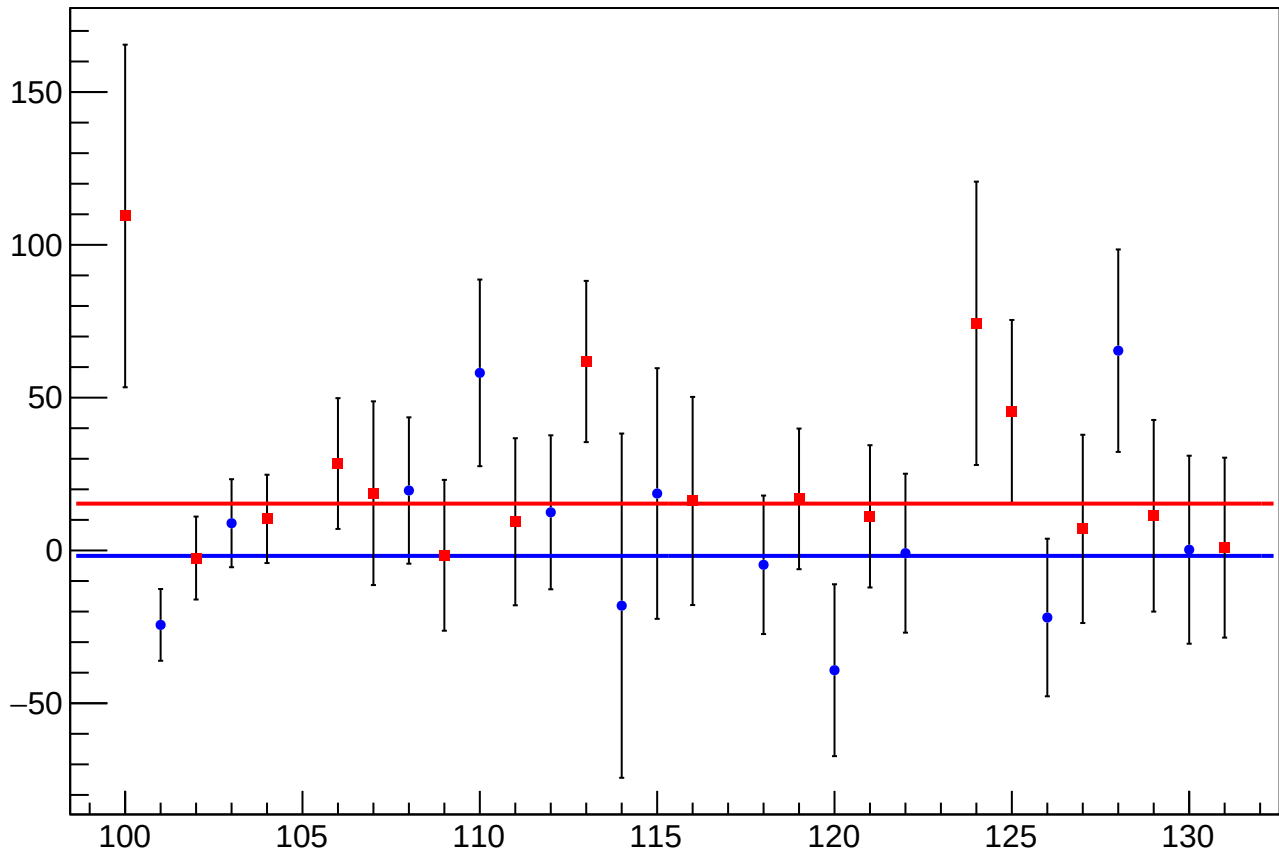
Right: 7297.124 $\pm$ 1.530 χ^2/NDF : 840460.8/28

In: 7371.840 $\pm$ 2.257 χ^2/NDF : 375256.4/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 7297.124 $\pm$ 1.530 χ^2/NDF : 840460.8/28

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.778+/-6.257 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.323+/-6.015 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

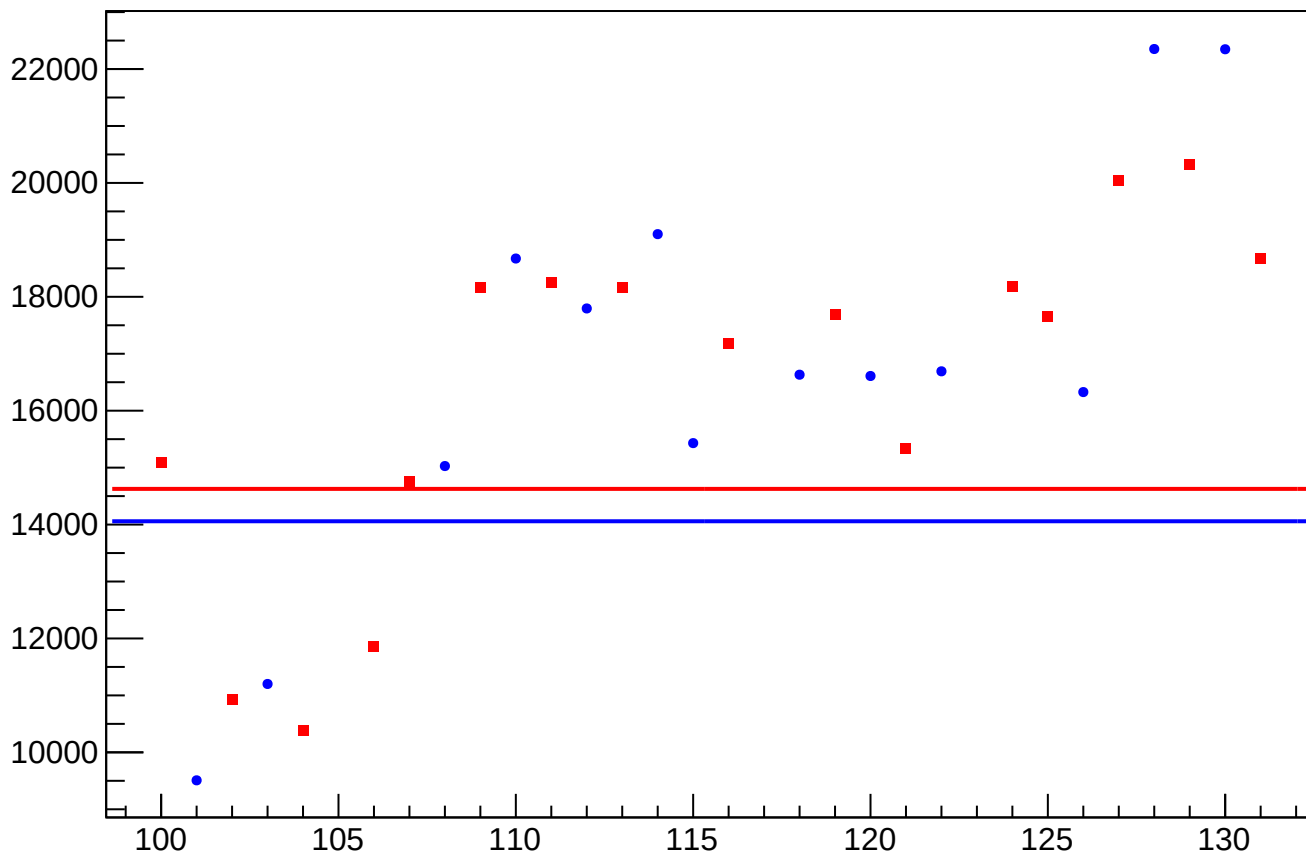
Right: 7.109+/-4.336 χ^2/NDF : 31.6/28

In: -1.778+/-6.257 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.109+/-4.336 χ^2/NDF : 31.6/28

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14058.224+/-4.424 χ^2/NDF : 839250.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14626.800+/-4.253 χ^2/NDF : 714103.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

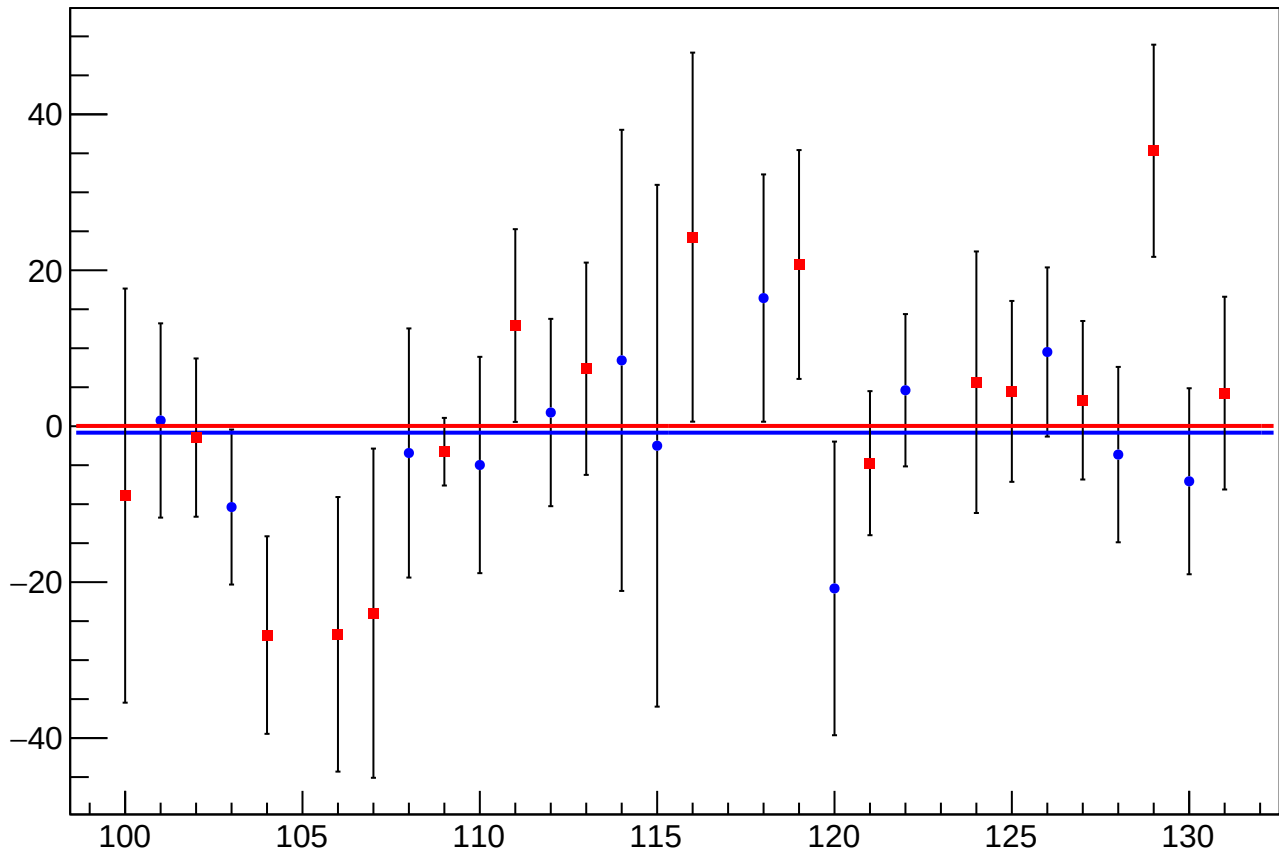
Right: 14353.700+/-3.066 χ^2/NDF : 1561937.0/28

In: 14058.224+/-4.424 χ^2/NDF :839250.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14353.700+/-3.066 χ^2/NDF : 1561937.0/28

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.828 ± 3.643 χ^2/NDF : 5.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 2.685 χ^2/NDF : 20.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

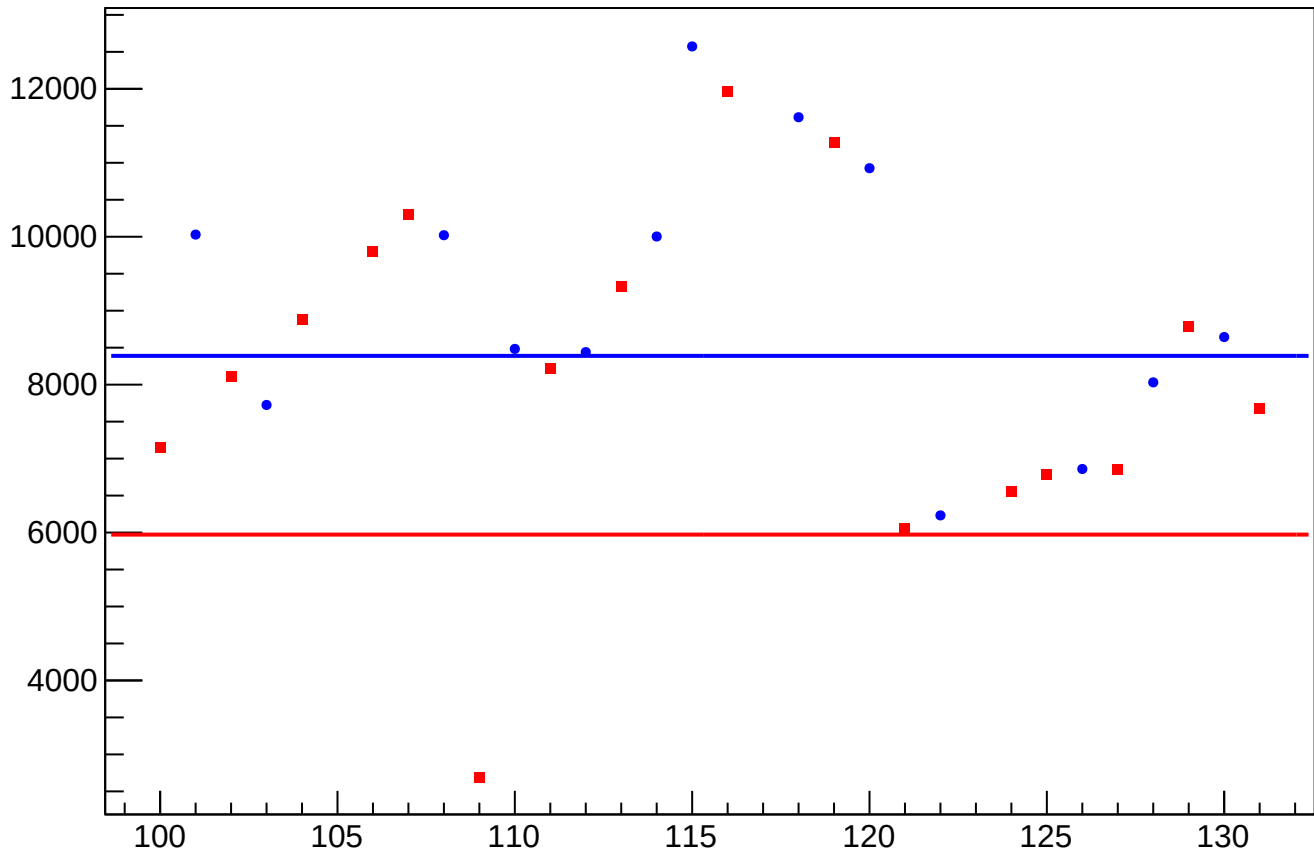
Right: -0.268 ± 2.161 χ^2/NDF : 25.8/28

In: -0.828 ± 3.643 χ^2/NDF : 5.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.268 ± 2.161 χ^2/NDF : 25.8/28

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8389.140+/-2.576 χ^2/NDF : 361154.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5972.269+/-1.899 χ^2/NDF : 2253297.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

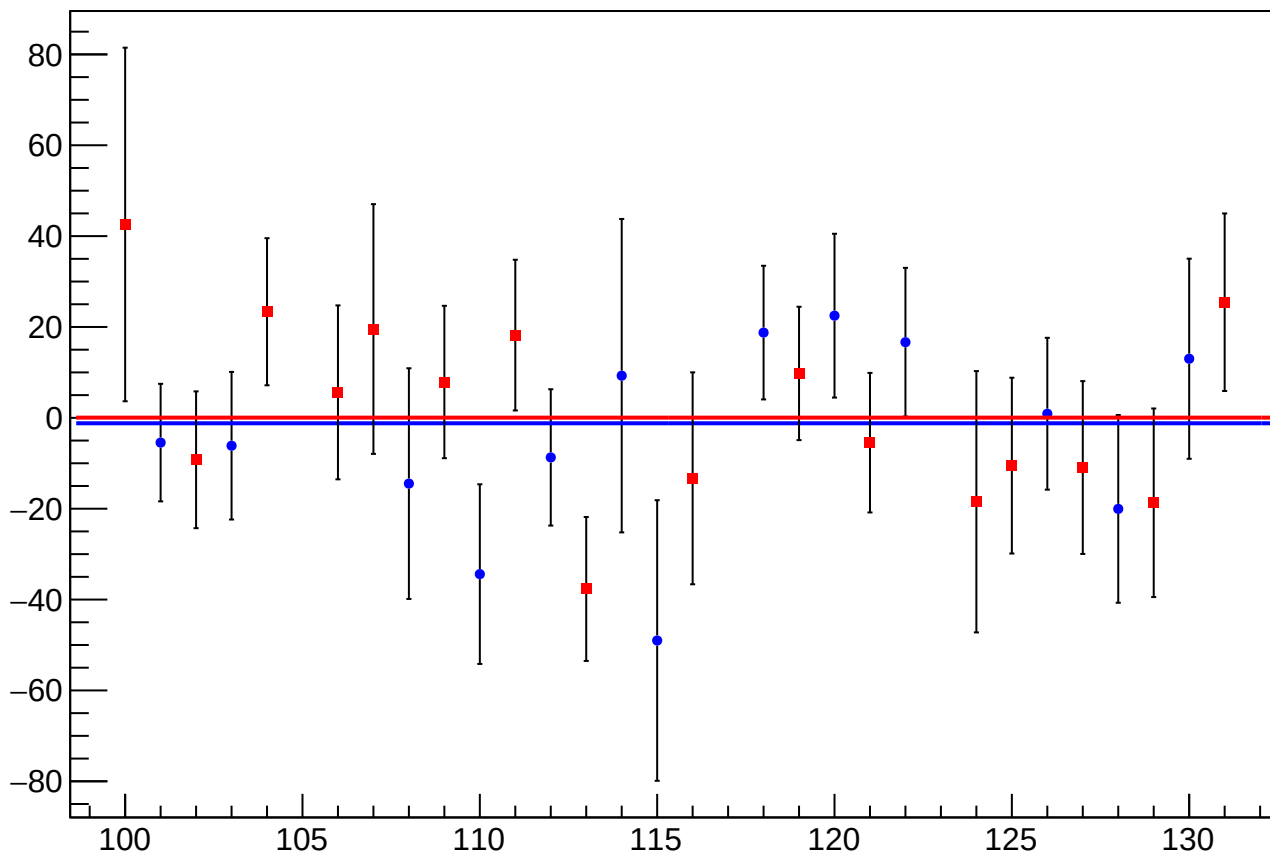
Right: 6823.102+/-1.528 χ^2/NDF : 3184863.4/28

In: 8389.140+/-2.576 χ^2/NDF : 361154.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6823.102+/-1.528 χ^2/NDF : 3184863.4/28

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.196+/-5.024 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.046+/-4.642 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

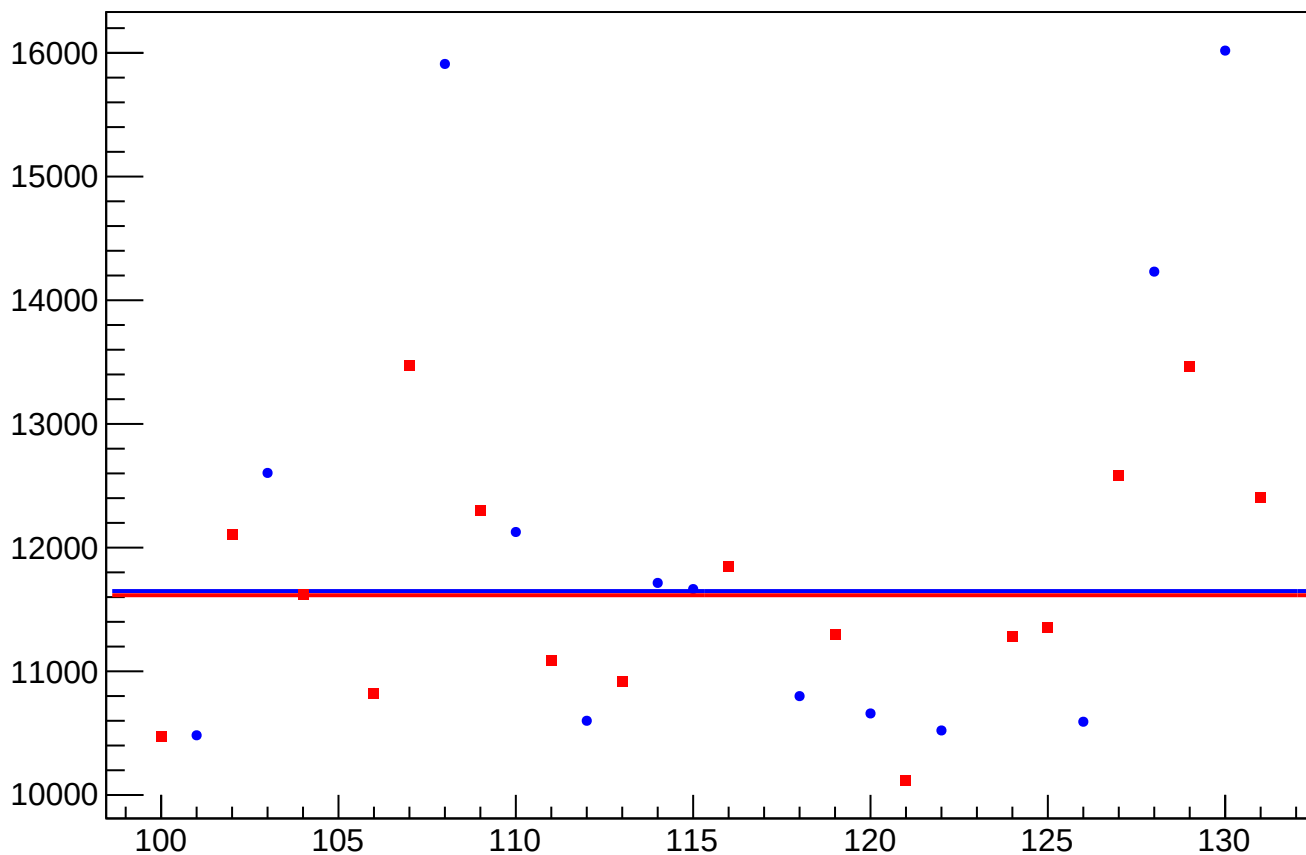
Right: -0.526+/-3.409 χ^2/NDF : 27.9/28

In: -1.196+/-5.024 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.526+/-3.409 χ^2/NDF : 27.9/28

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11648.723+/-3.552 χ^2/NDF : 230601.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11615.089+/-3.282 χ^2/NDF : 70643.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

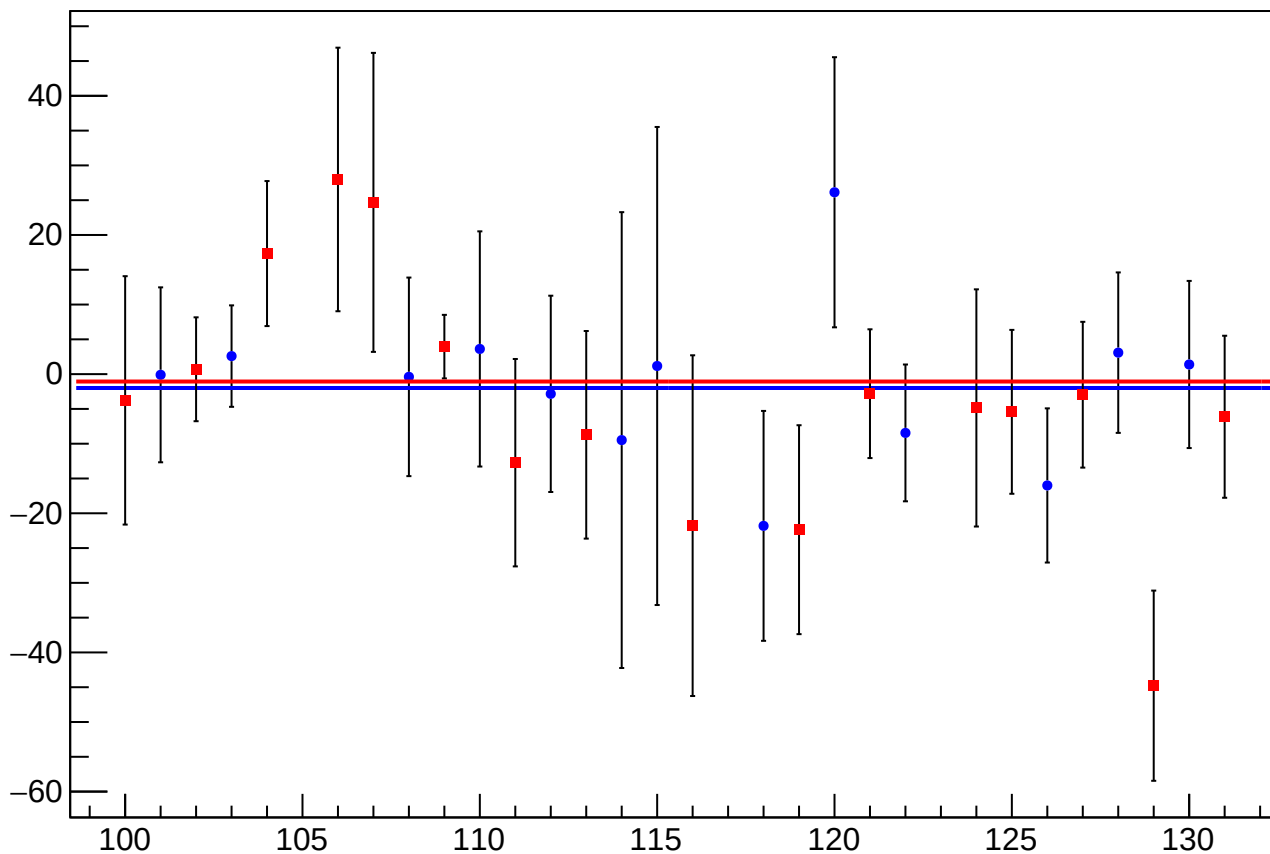
Right: 11630.578+/-2.411 χ^2/NDF : 301292.7/28

In: 11648.723+/-3.552 χ^2/NDF : 230601.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11630.578+/-2.411 χ^2/NDF : 301292.7/28

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.993+/-3.544 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.062+/-2.649 χ^2/NDF : 22.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

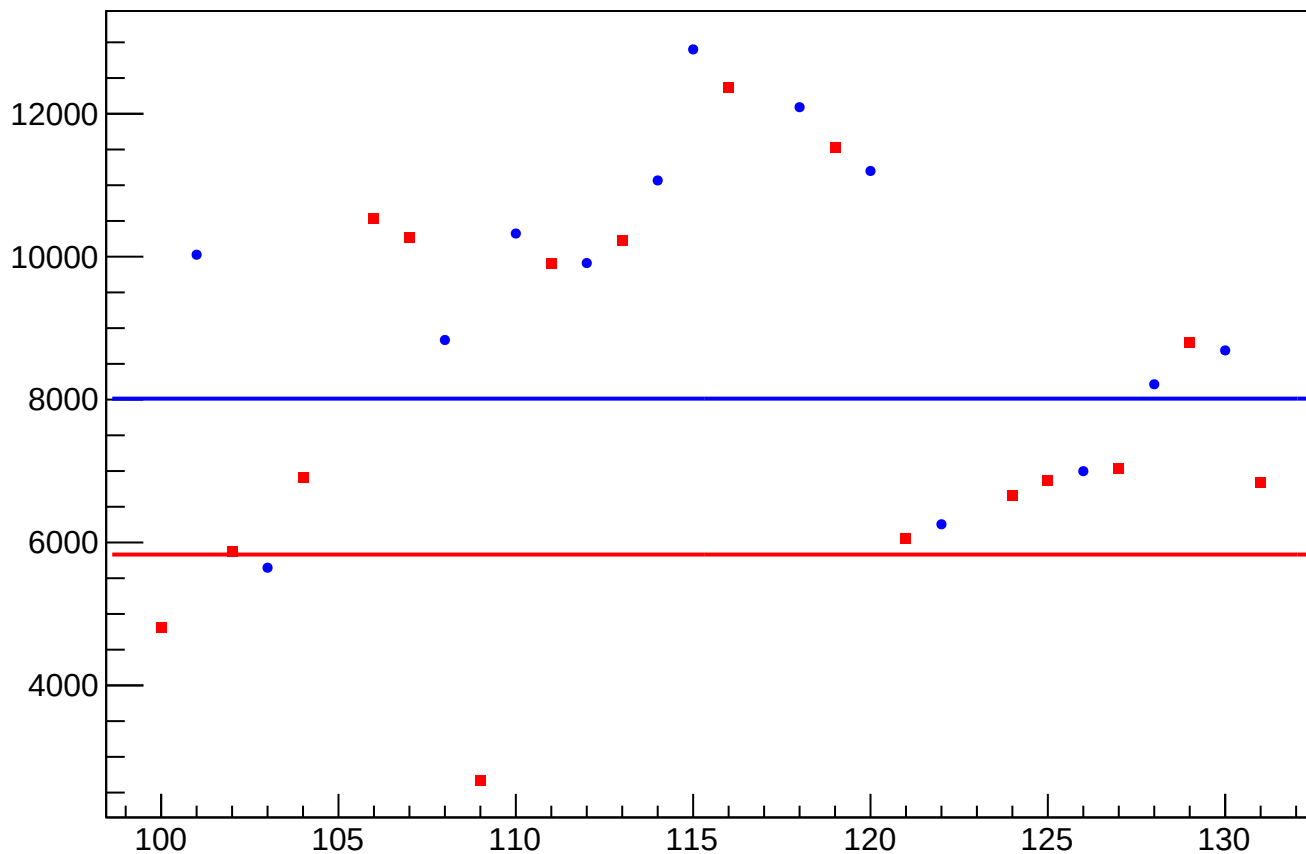
Right: -1.395+/-2.122 χ^2/NDF : 29.0/28

In: -1.993+/-3.544 χ^2/NDF :6.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.395+/-2.122 χ^2/NDF : 29.0/28

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8013.412+/-2.506 χ^2/NDF : 663462.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5831.535+/-1.873 χ^2/NDF : 2106961.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

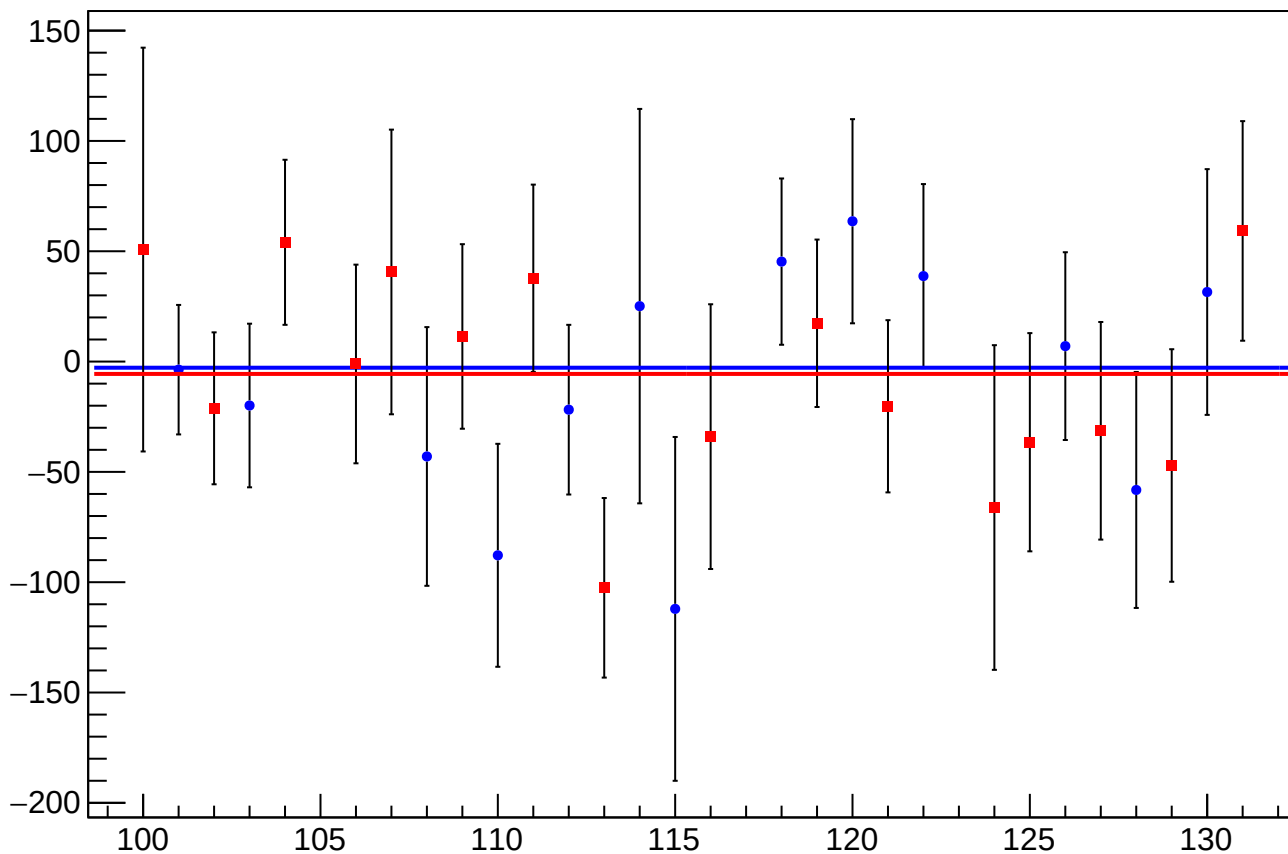
Right: 6613.721+/-1.501 χ^2/NDF : 3256674.8/28

In: 8013.412+/-2.506 χ^2/NDF : 663462.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6613.721+/-1.501 χ^2/NDF : 3256674.8/28

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.600+/-11.517 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

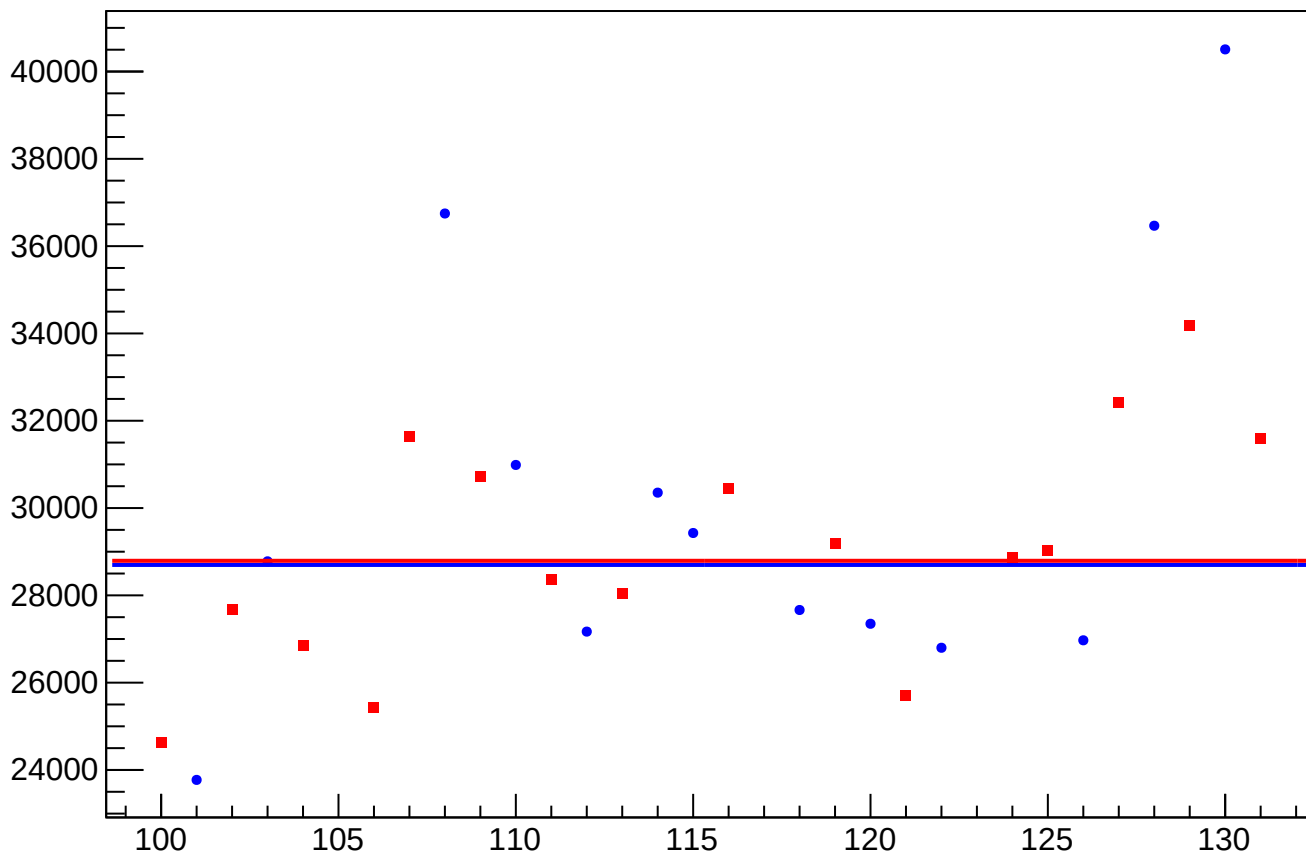
Right: -4.296+/-8.437 χ^2/NDF : 27.0/28

In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.296+/-8.437 χ^2/NDF : 27.0/28

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28791.963+/-8.143 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

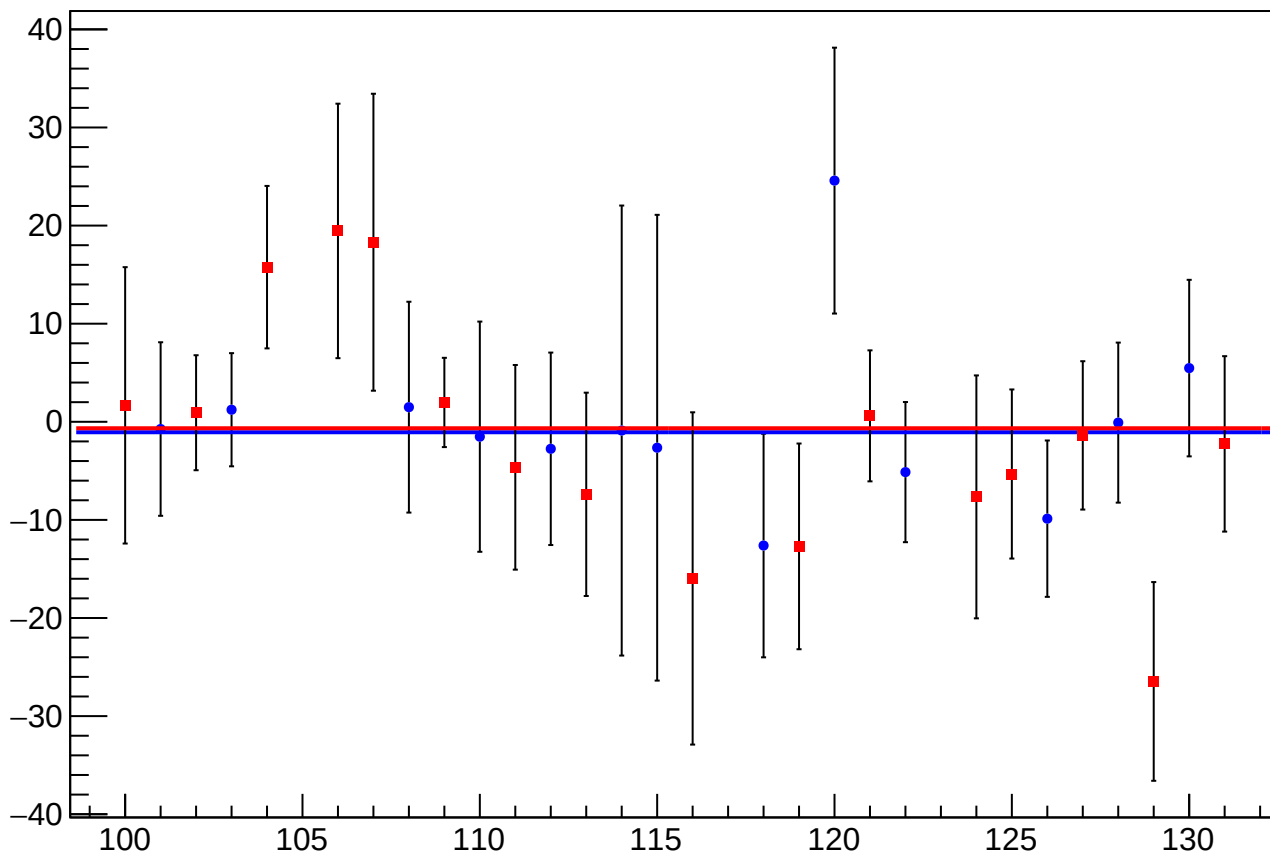
Right: 28747.873+/-5.966 χ^2/NDF : 329176.6/28

In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28747.873+/-5.966 χ^2/NDF : 329176.6/28

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.065 ± 2.593 χ^2/NDF : 6.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.658 ± 2.129 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

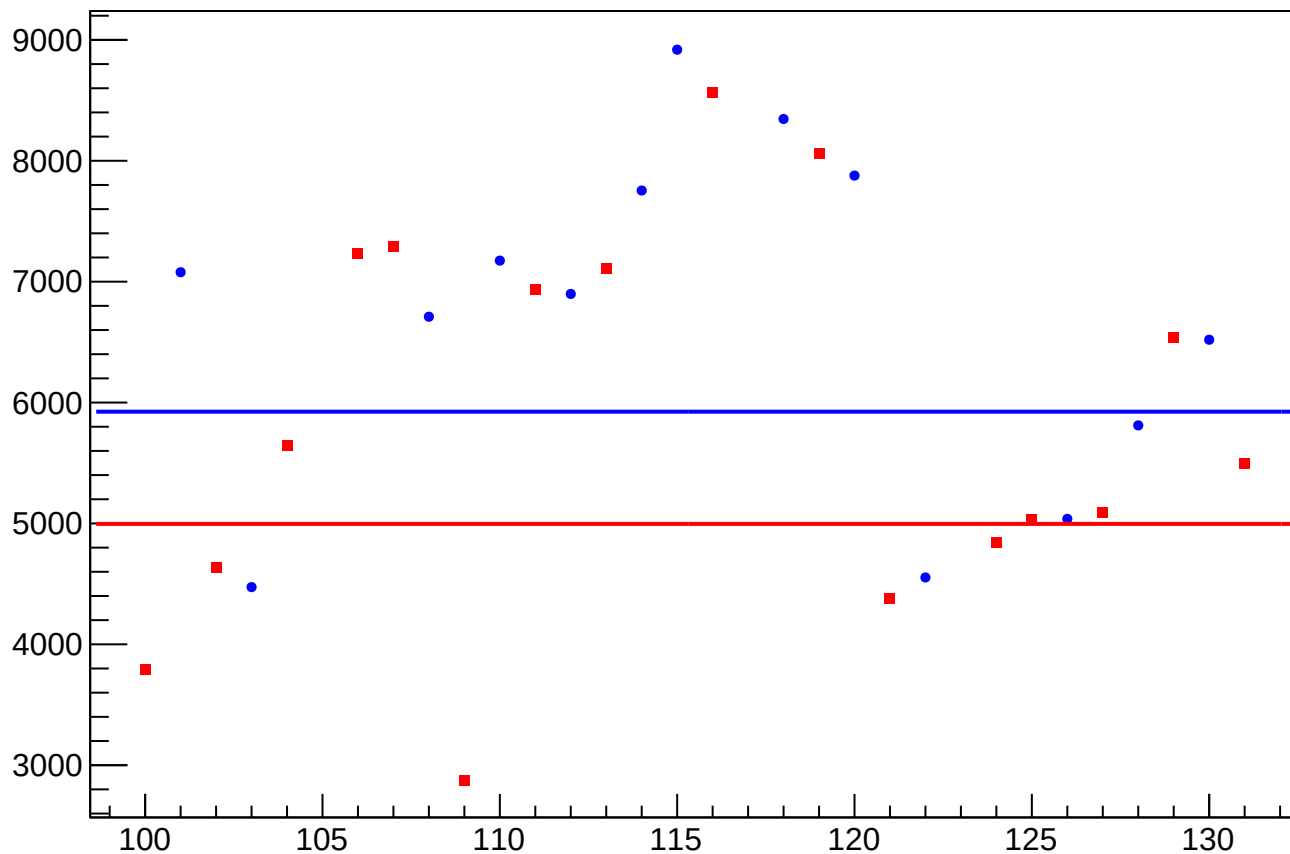
Right: -0.822 ± 1.645 χ^2/NDF : 25.2/28

In: -1.065 ± 2.593 χ^2/NDF : 6.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.822 ± 1.645 χ^2/NDF : 25.2/28

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5924.570+/-1.834 χ^2/NDF : 497743.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4996.112+/-1.505 χ^2/NDF : 1057071.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

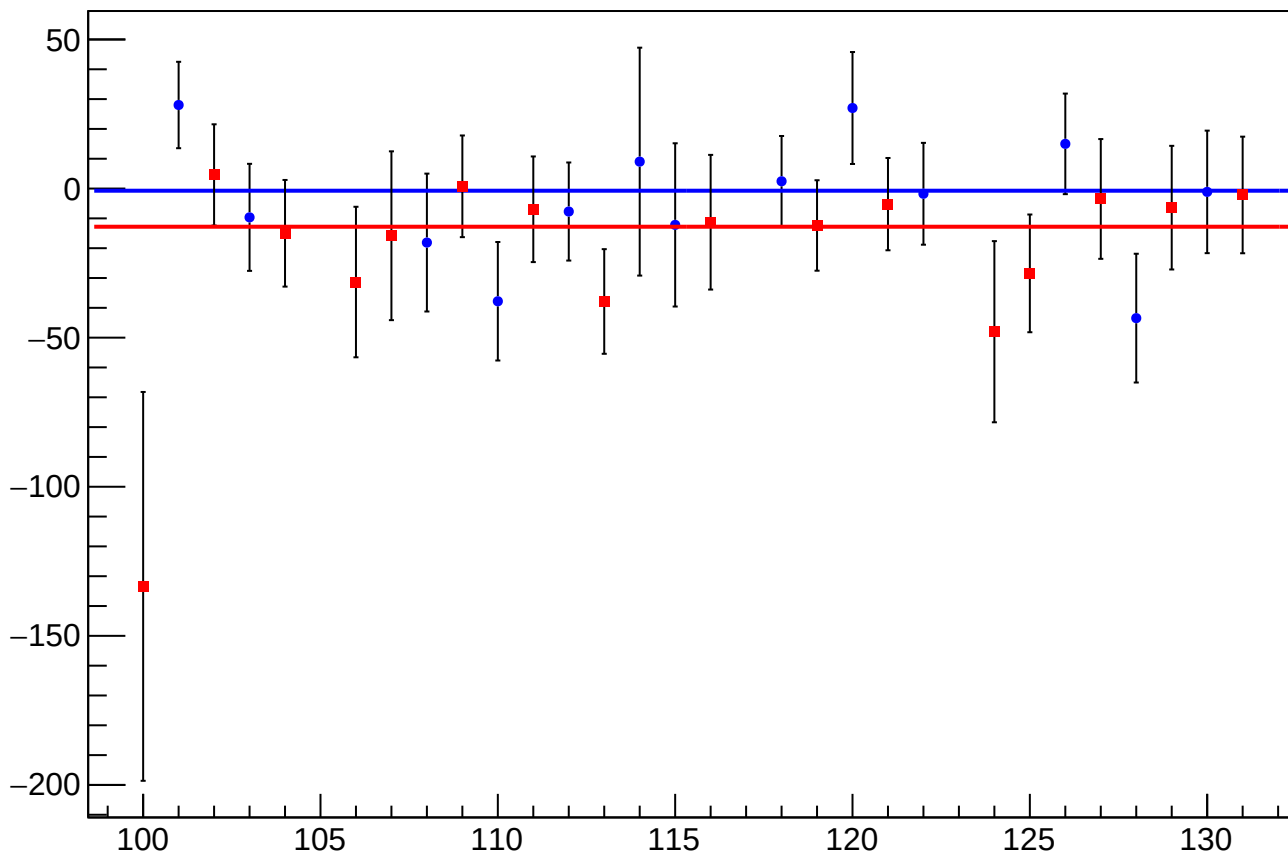
Right: 5369.950+/-1.164 χ^2/NDF : 1707966.4/28

In: 5924.570+/-1.834 χ^2/NDF : 497743.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5369.950+/-1.164 χ^2/NDF : 1707966.4/28

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.723+/-5.225 χ^2 /NDF: 15.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -12.800+/-4.934 χ^2 /NDF: 10.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

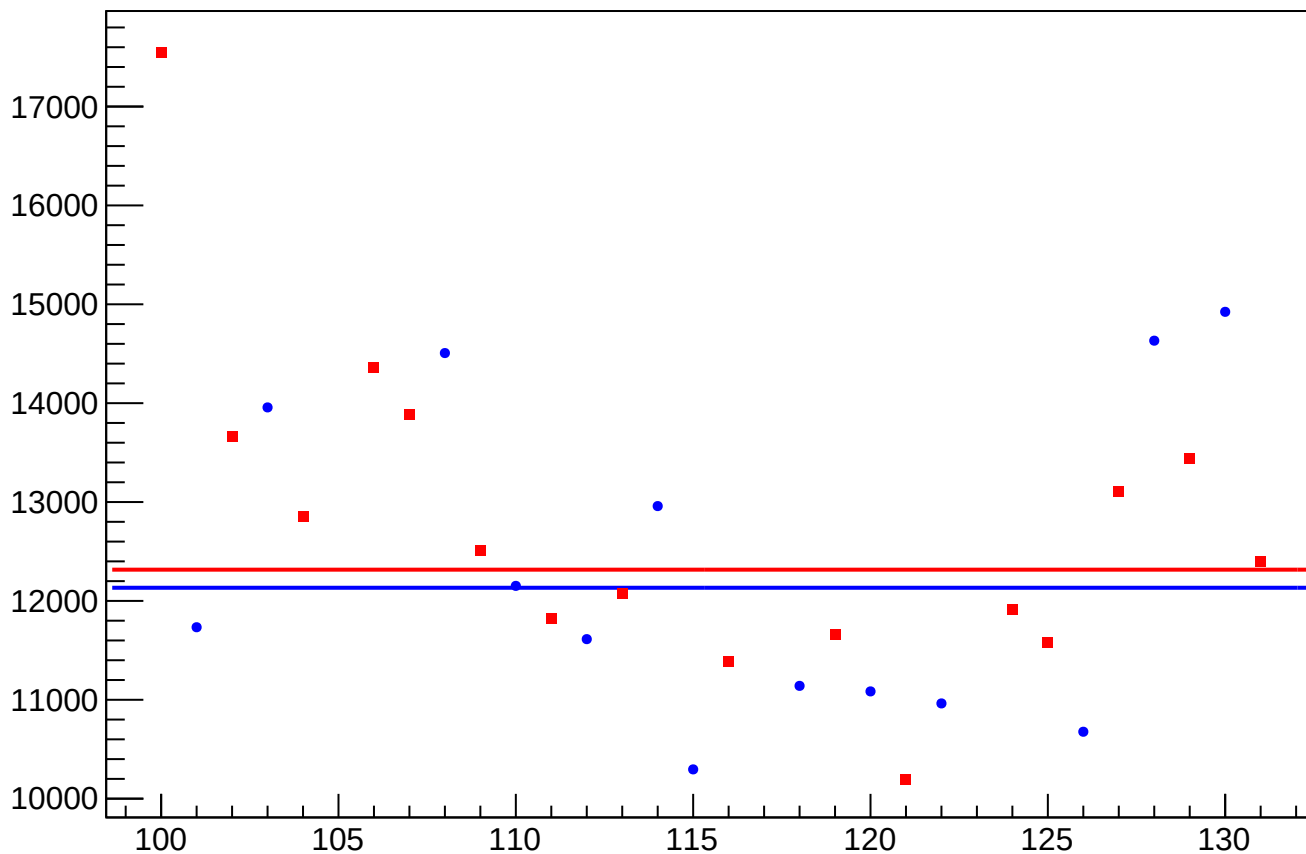
Right: -7.107+/-3.587 χ^2 /NDF: 29.1/28

In: -0.723+/-5.225 χ^2 /NDF:15.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.107+/-3.587 χ^2 /NDF: 29.1/28

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12133.111+/-3.695 χ^2/NDF : 157975.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12316.071+/-3.489 χ^2/NDF : 105619.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

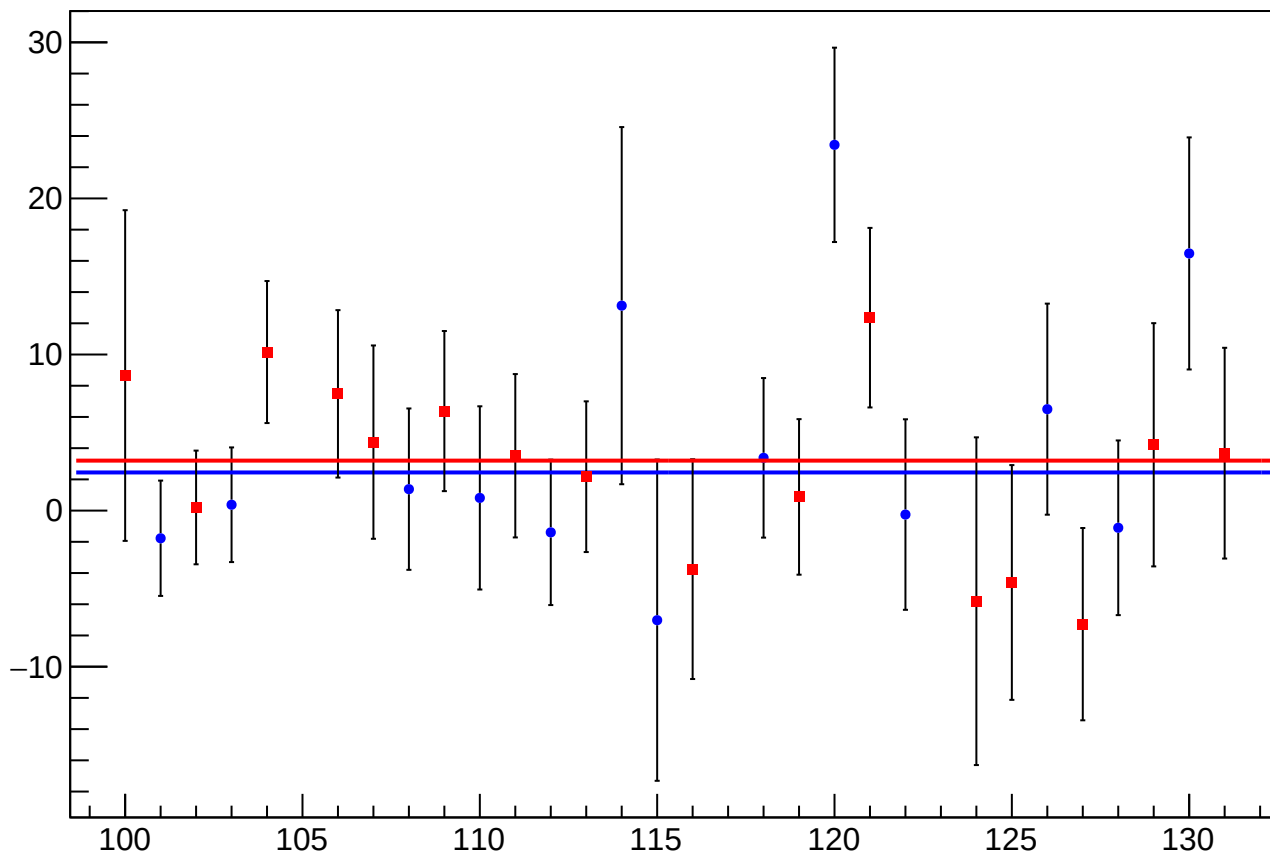
Right: 12229.836+/-2.537 χ^2/NDF : 264891.5/28

In: 12133.111+/-3.695 χ^2/NDF : 157975.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12229.836+/-2.537 χ^2/NDF : 264891.5/28

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 1.508 χ^2 /NDF: 20.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.202 $\pm$ 1.424 χ^2 /NDF: 12.8/15

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

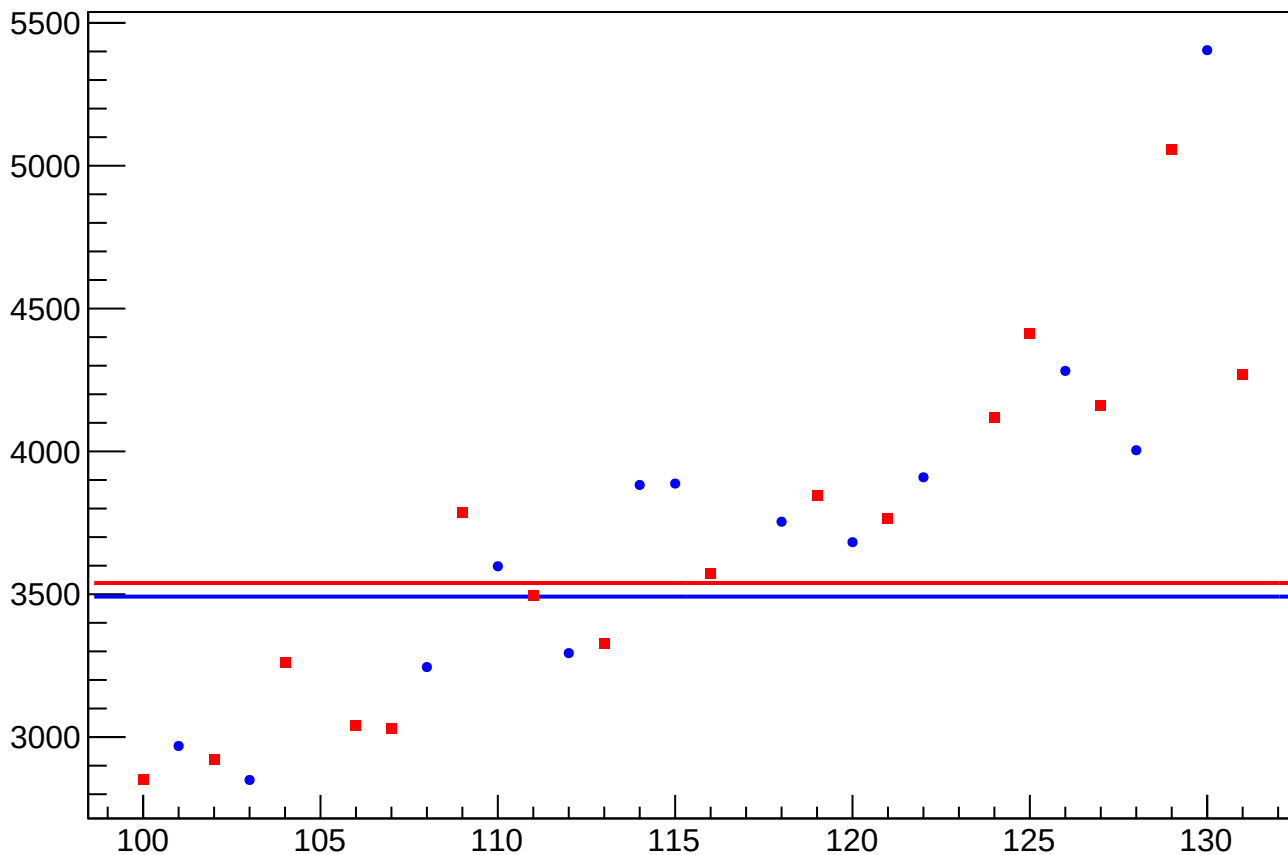
Right: 2.845 $\pm$ 1.035 χ^2 /NDF: 33.0/28

In: 2.444 $\pm$ 1.508 χ^2 /NDF:20.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.845 $\pm$ 1.035 χ^2 /NDF: 33.0/28

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3491.724+/-1.066 χ^2/NDF : 308212.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3539.313+/-1.007 χ^2/NDF : 276446.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

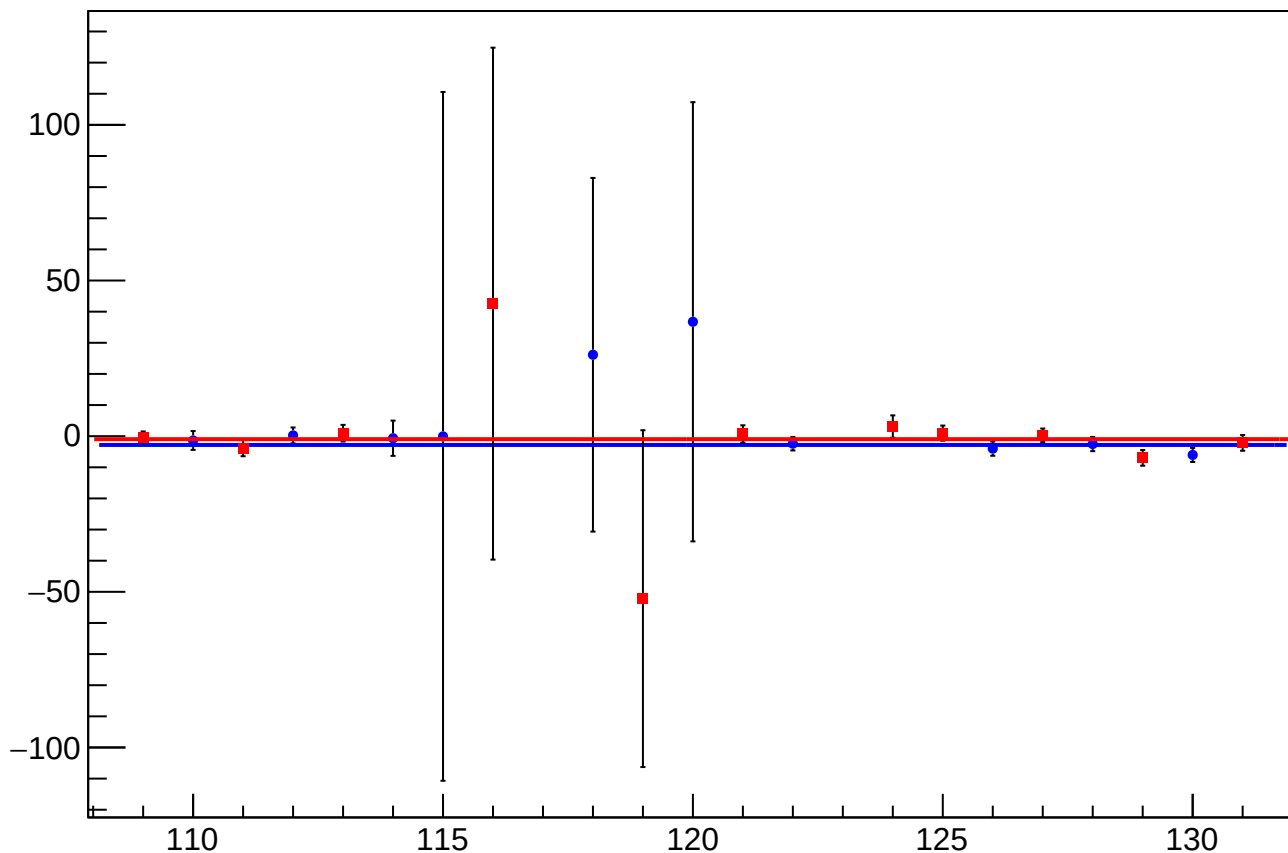
Right: 3516.876+/-0.732 χ^2/NDF : 585711.7/28

In: 3491.724+/-1.066 χ^2/NDF : 308212.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3516.876+/-0.732 χ^2/NDF : 585711.7/28

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -2.816 ± 0.960 χ^2/NDF : 4.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.962 ± 0.825 χ^2/NDF : 11.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

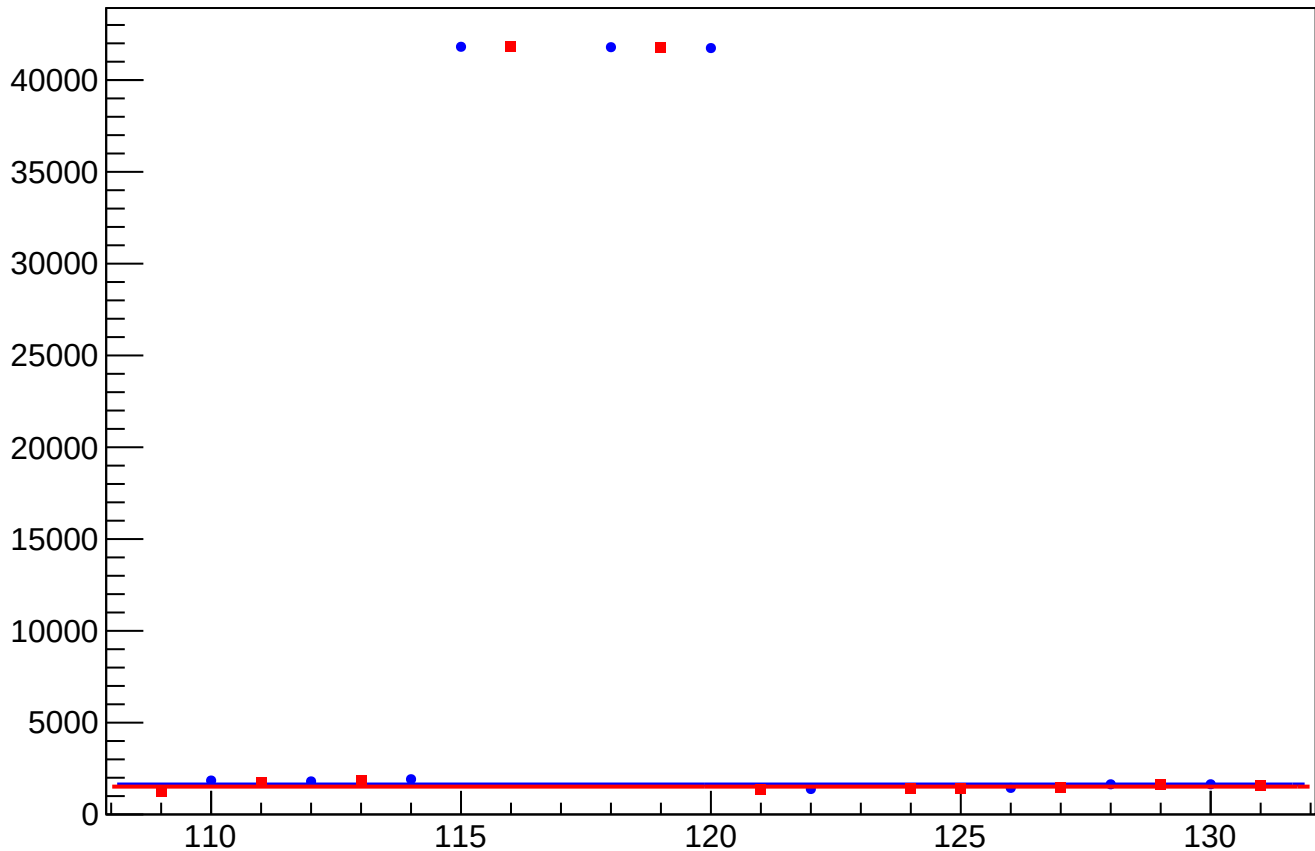
Right: -1.750 ± 0.626 χ^2/NDF : 18.3/20

In: -2.816 ± 0.960 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.750 ± 0.626 χ^2/NDF : 18.3/20

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1630.485+/-0.679 χ^2/NDF : 1973151.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.737+/-0.583 χ^2/NDF : 1696011.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

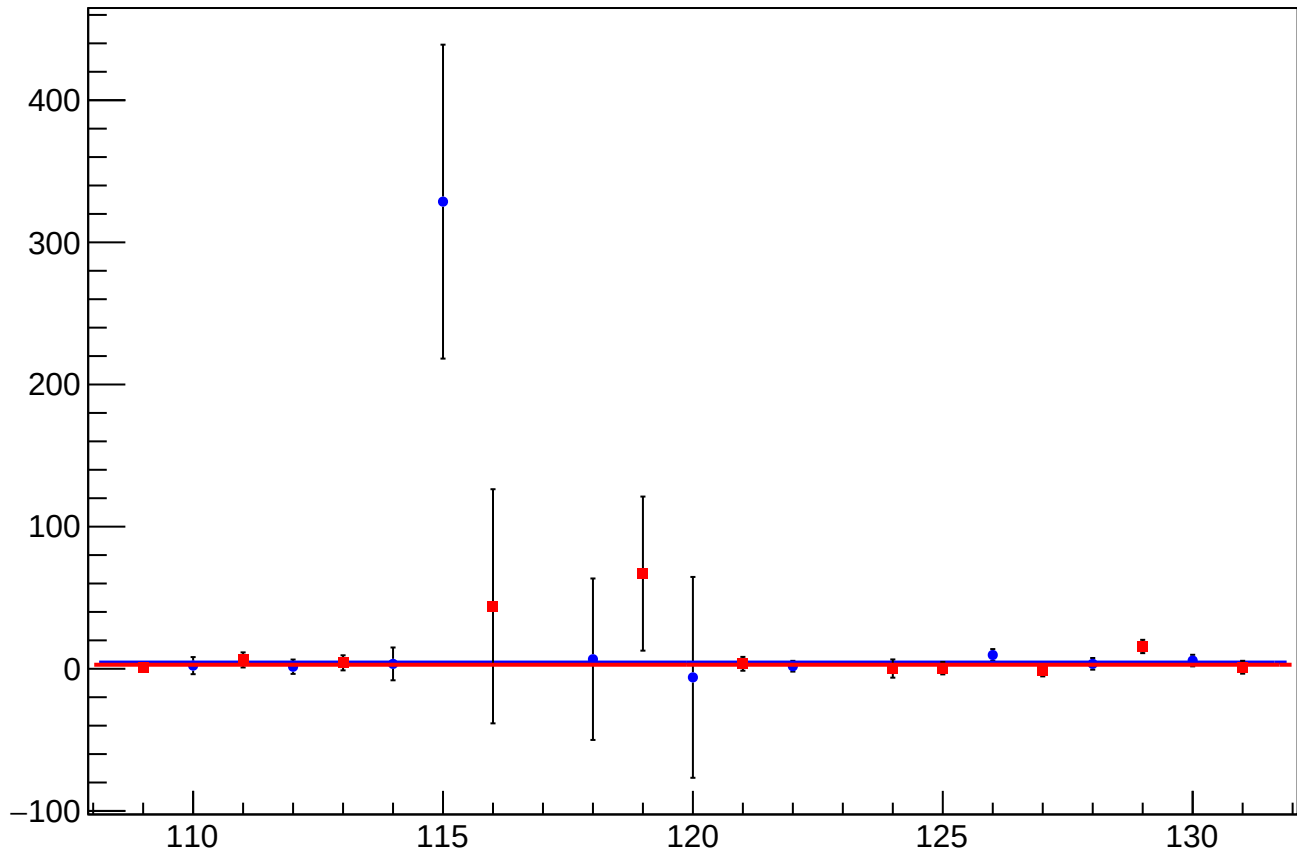
Right: 1564.500+/-0.442 χ^2/NDF : 3685600.9/20

In: 1630.485+/-0.679 χ^2/NDF : 1973151.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.500+/-0.442 χ^2/NDF : 3685600.9/20

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 4.387+/-1.759 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.855+/-1.452 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

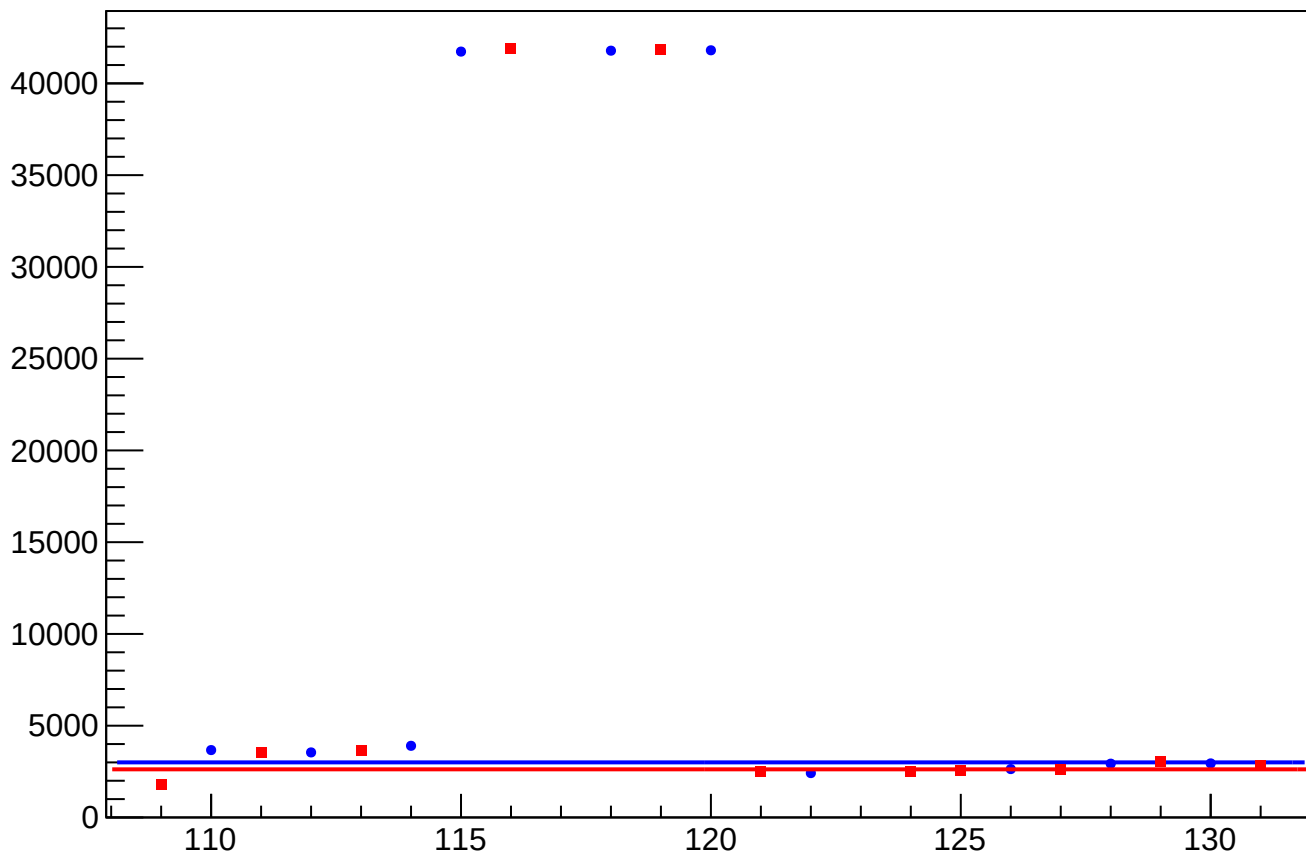
Right: 3.475+/-1.120 χ^2/NDF : 23.9/20

In: 4.387+/-1.759 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.475+/-1.120 χ^2/NDF : 23.9/20

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3001.496+/-1.244 χ^2/NDF : 1906245.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2622.088+/-1.026 χ^2/NDF : 1827205.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

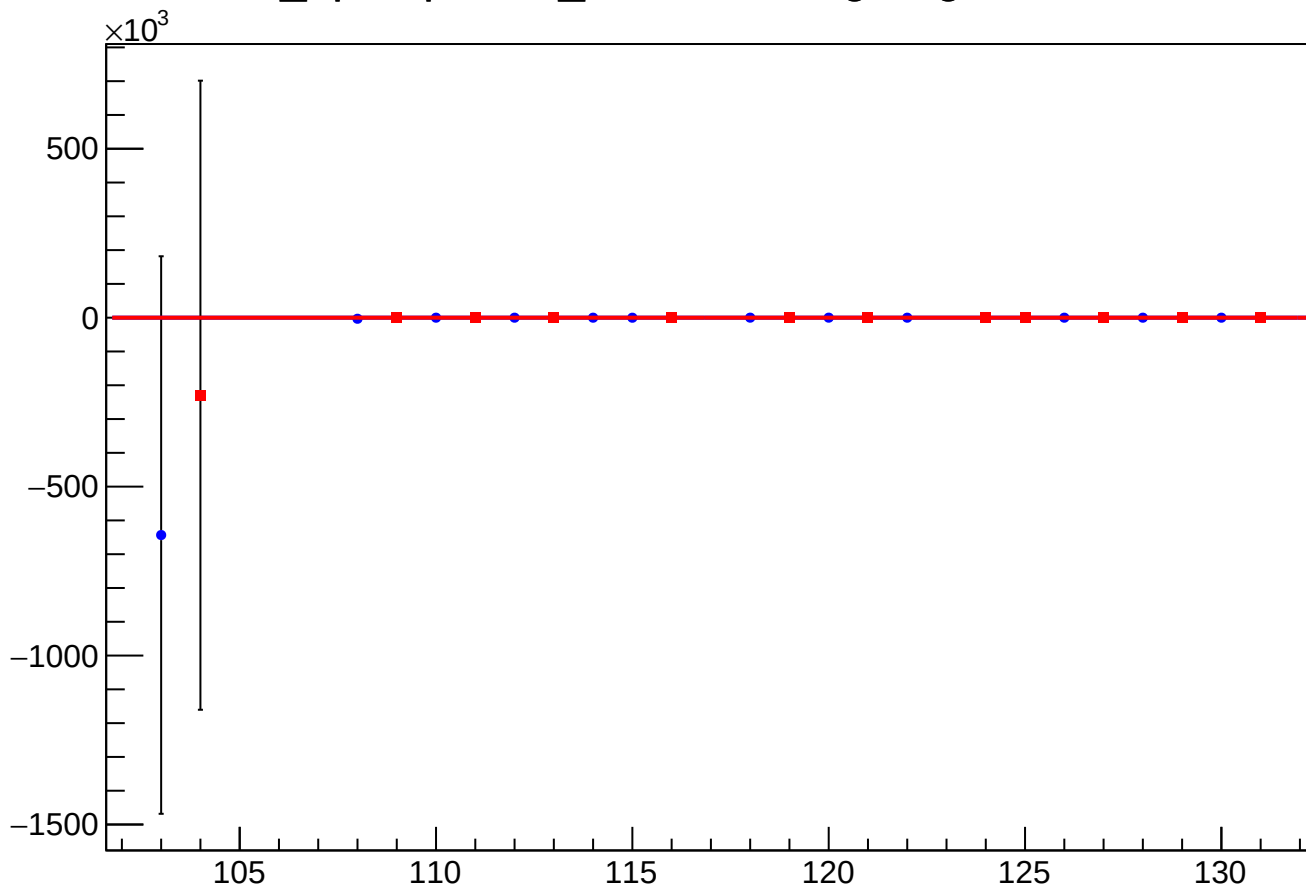
Right: 2775.764+/-0.792 χ^2/NDF : 3788787.0/20

In: 3001.496+/-1.244 χ^2/NDF : 1906245.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2775.764+/-0.792 χ^2/NDF : 3788787.0/20

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.655+/-1.765 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.326+/-1.560 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

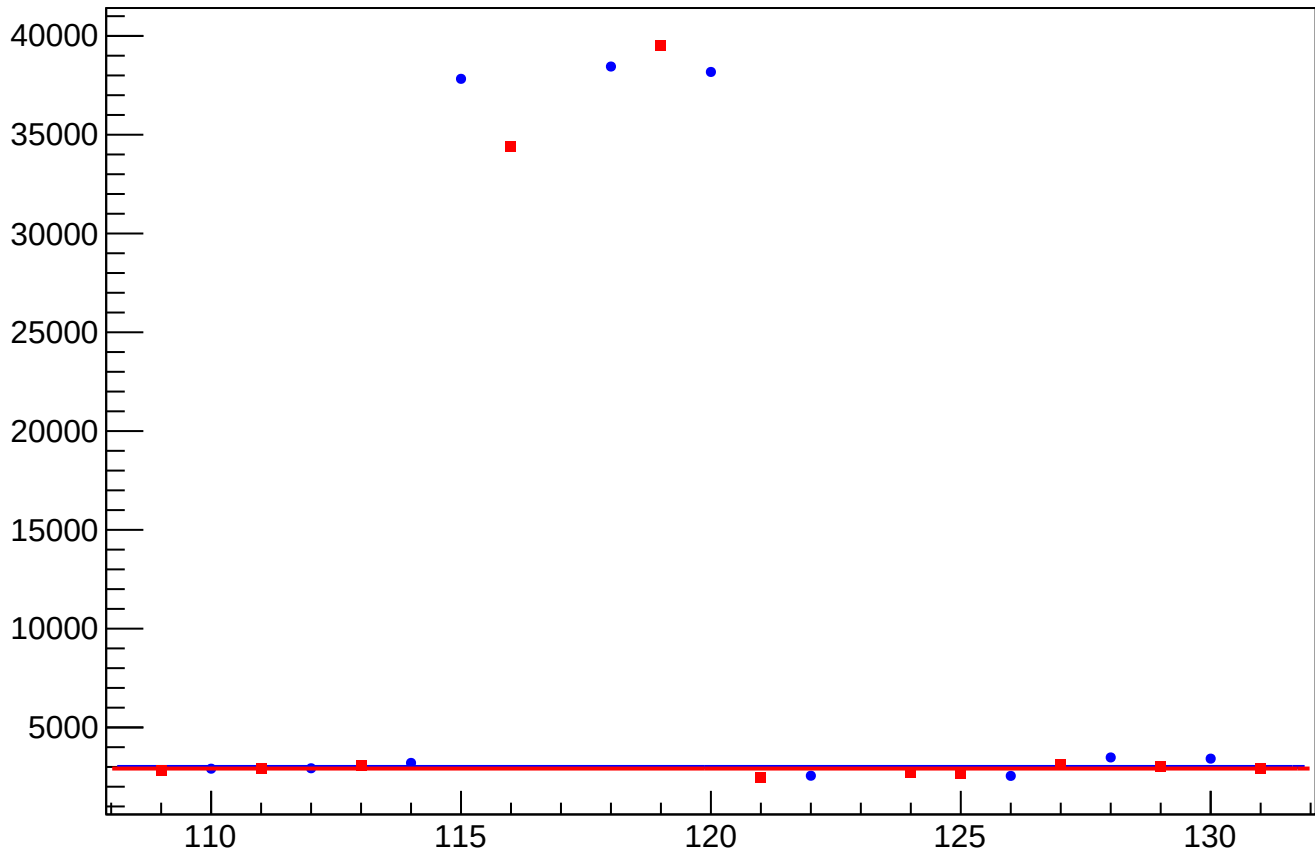
Right: 3.154+/-1.169 χ^2/NDF : 25.7/23

In: 1.655+/-1.765 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.154+/-1.169 χ^2/NDF : 25.7/23

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2999.070+/-1.248 χ^2/NDF : 1835815.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2919.179+/-1.103 χ^2/NDF : 1487050.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

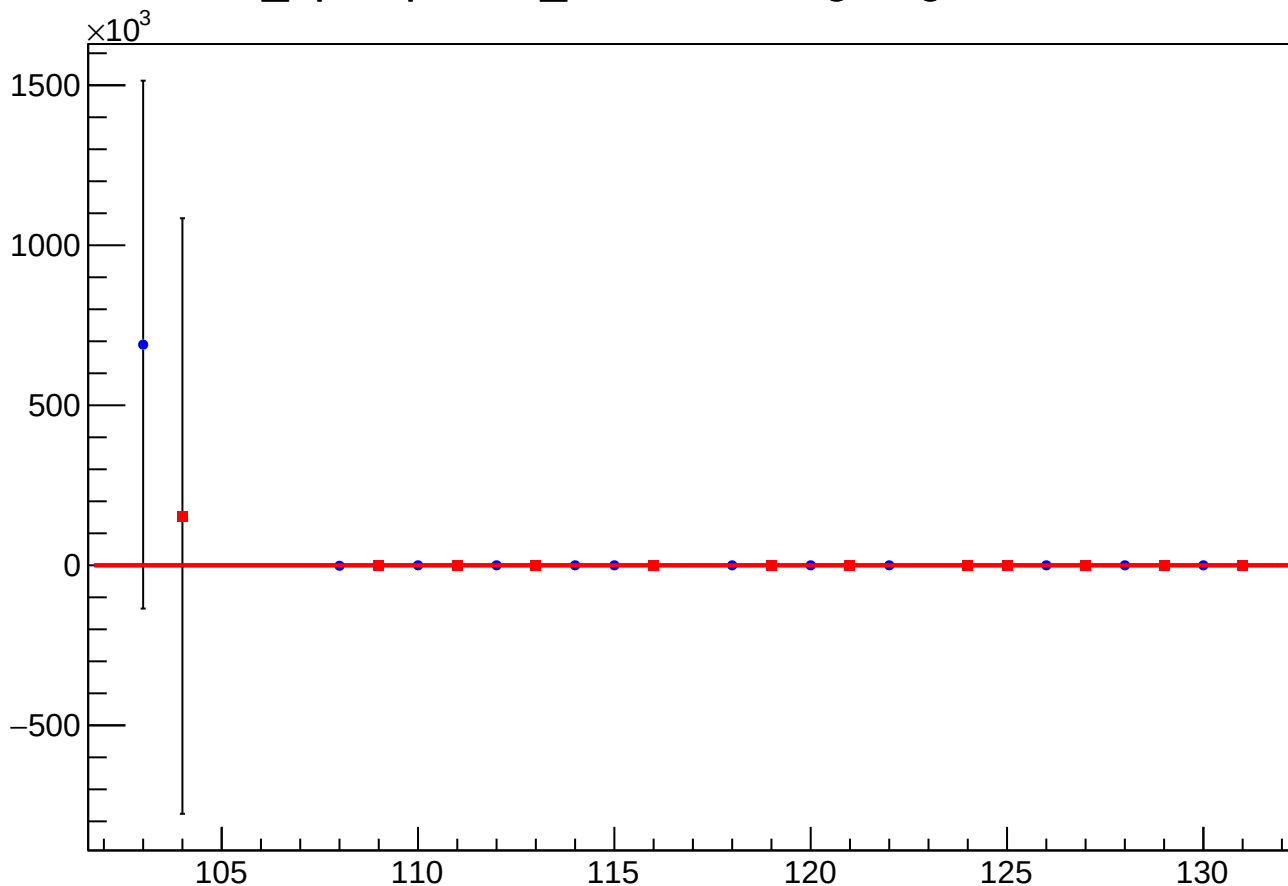
Right: 2954.216+/-0.827 χ^2/NDF : 3325165.1/20

In: 2999.070+/-1.248 χ^2/NDF : 1835815.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2954.216+/-0.827 χ^2/NDF : 3325165.1/20

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.601 $\pm$ 1.639 χ^2 /NDF: 3.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.072 $\pm$ 1.320 χ^2 /NDF: 12.7/11

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

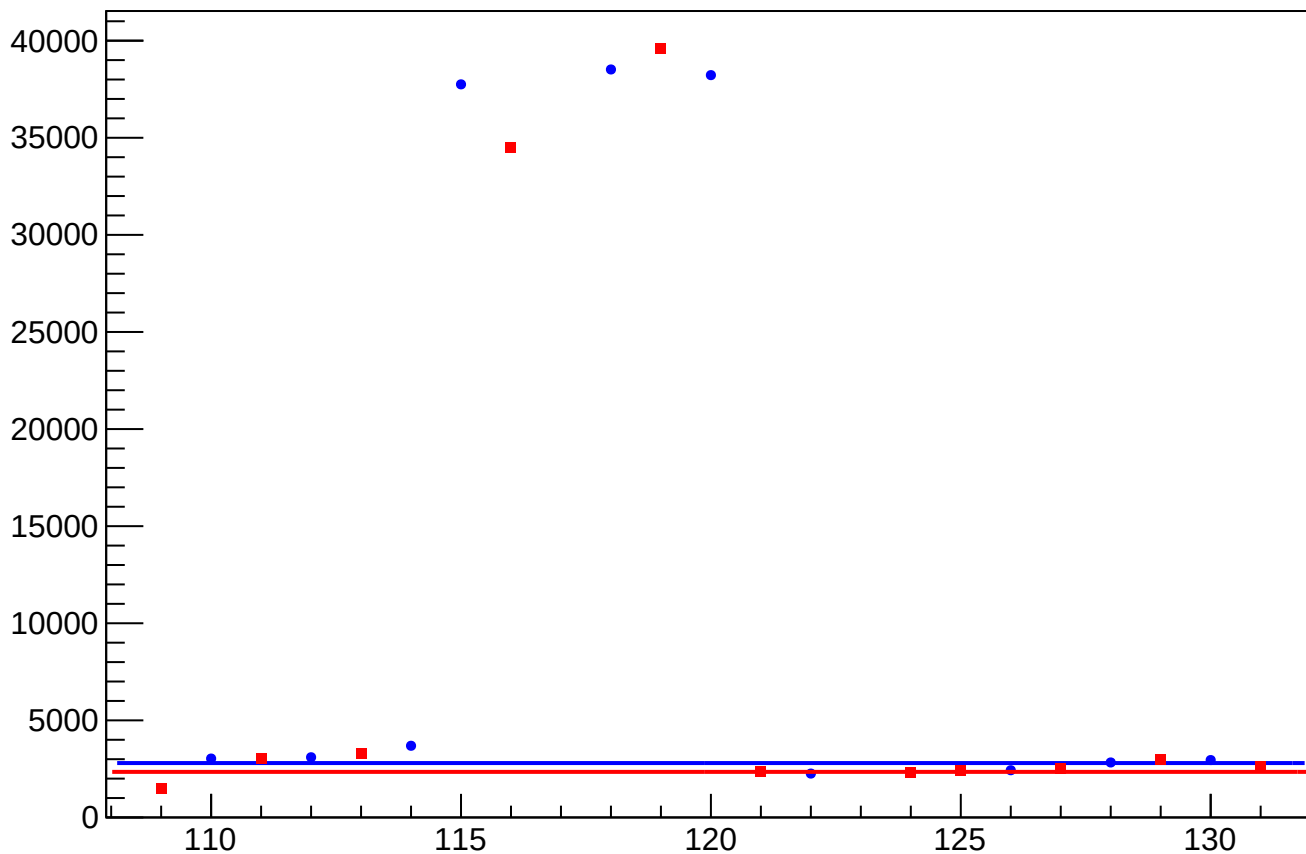
Right: 2.494 $\pm$ 1.028 χ^2 /NDF: 16.7/23

In: 1.601 $\pm$ 1.639 χ^2 /NDF:3.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.494 $\pm$ 1.028 χ^2 /NDF: 16.7/23

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2801.204+/-1.159 χ^2/NDF : 1865647.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2346.978+/-0.933 χ^2/NDF : 1951642.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

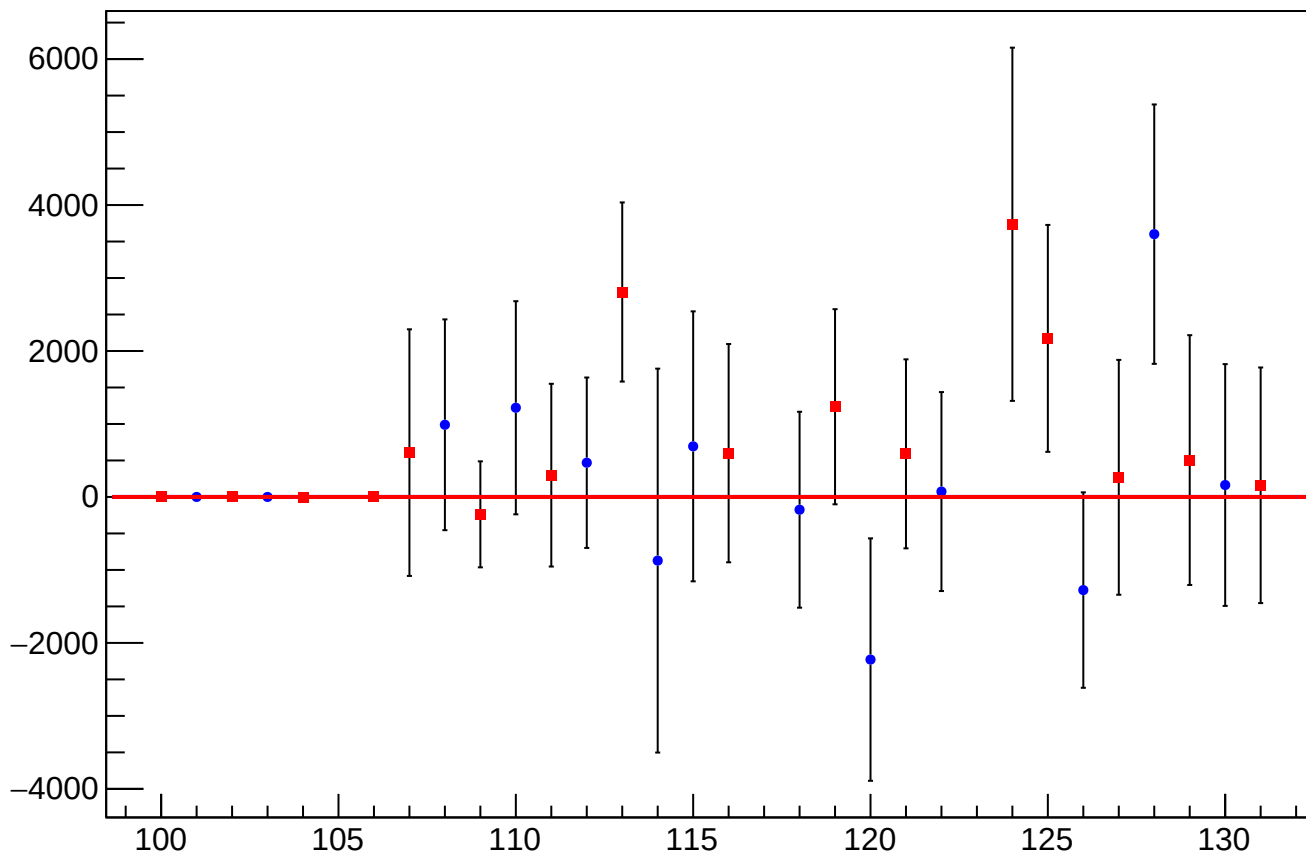
Right: 2525.616+/-0.727 χ^2/NDF : 3910459.8/20

In: 2801.204+/-1.159 χ^2/NDF : 1865647.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2525.616+/-0.727 χ^2/NDF : 3910459.8/20

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

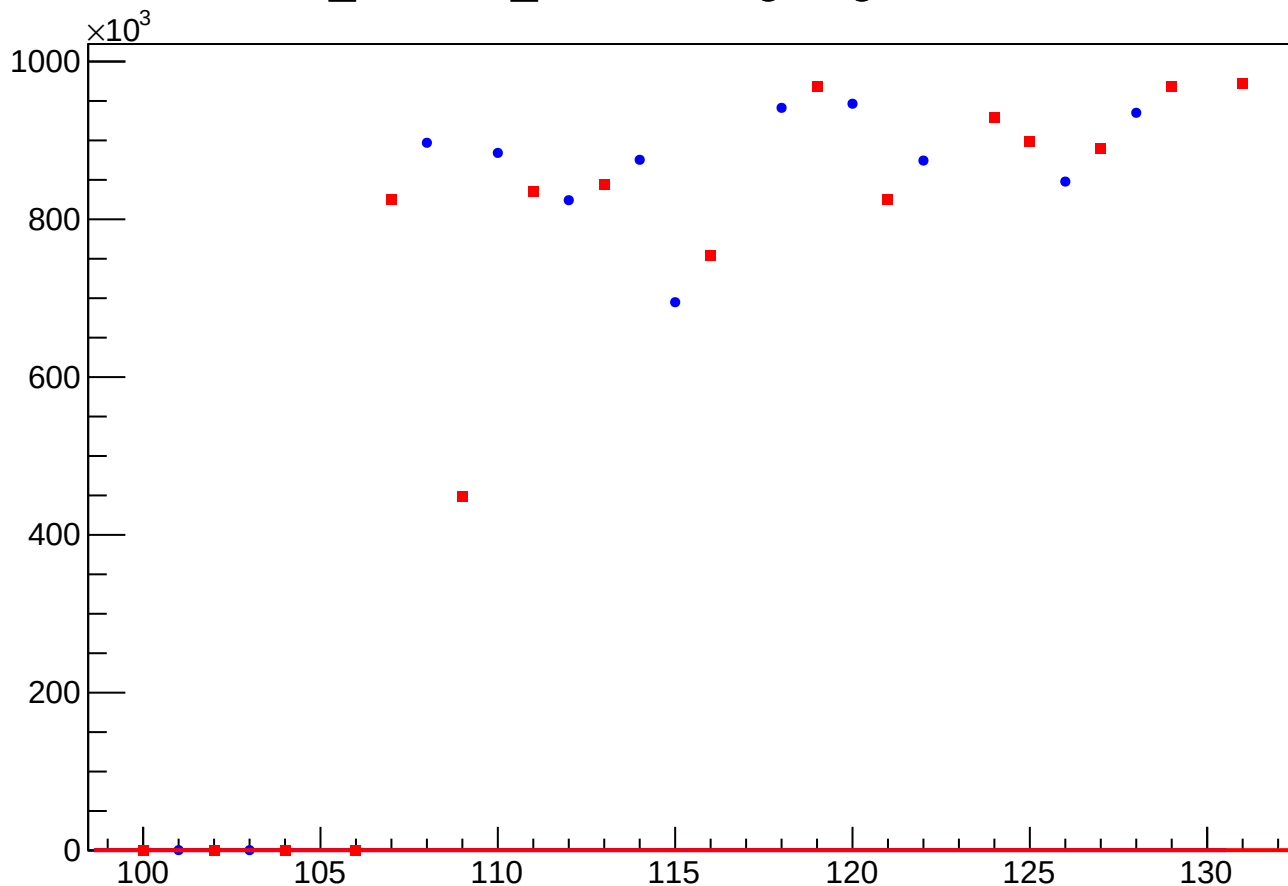
Right: 0.066+/-0.241 χ^2/NDF : 23.7/28

In: 0.256+/-0.356 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 23.7/28

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.604 $\pm$ 0.251 χ^2/NDF : 5881365.7/11

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

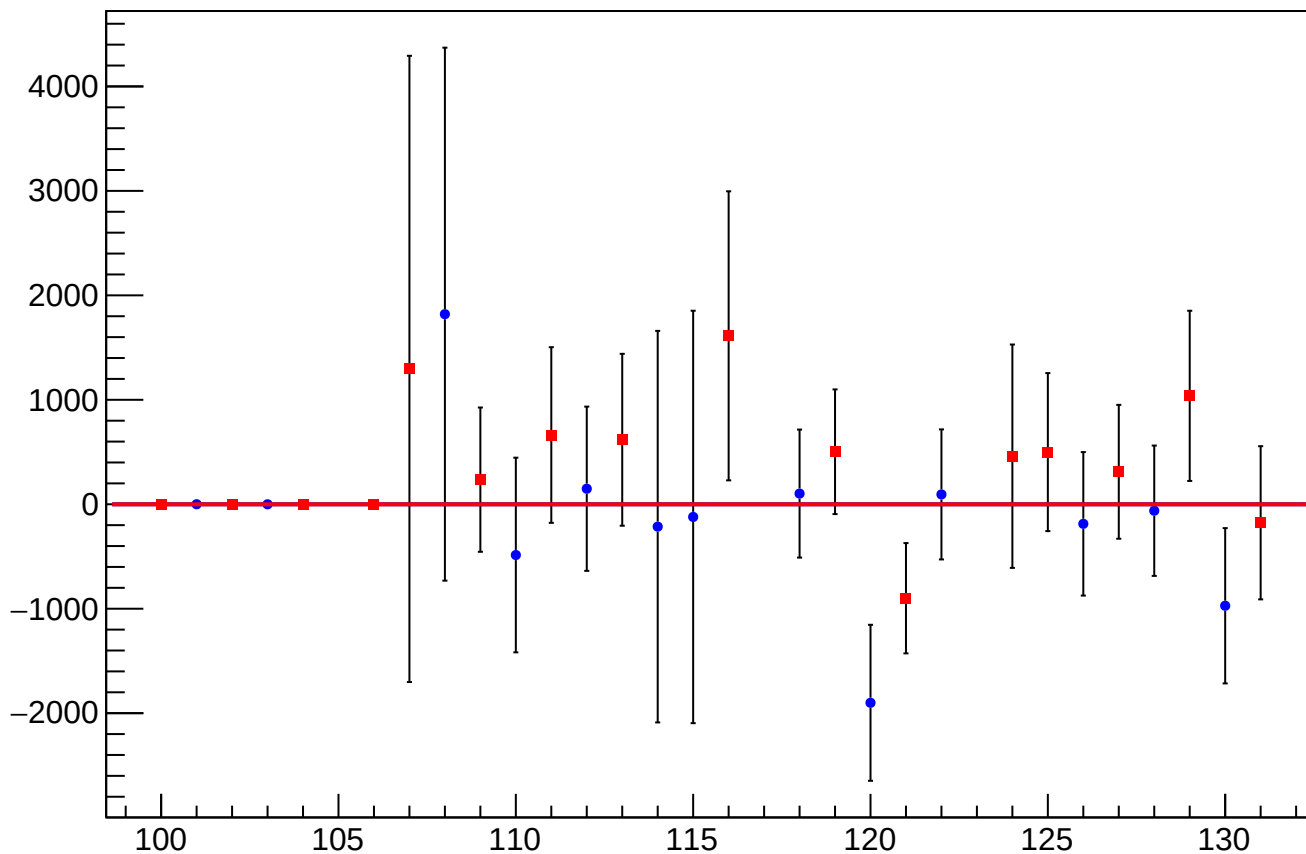
Right: 395.633 $\pm$ 0.170 χ^2/NDF : 12108019.2/27

In: 398.604 $\pm$ 0.251 χ^2/NDF : 5881365.7/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.633 $\pm$ 0.170 χ^2/NDF : 12108019.2/27

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.347 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.598+/-0.324 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

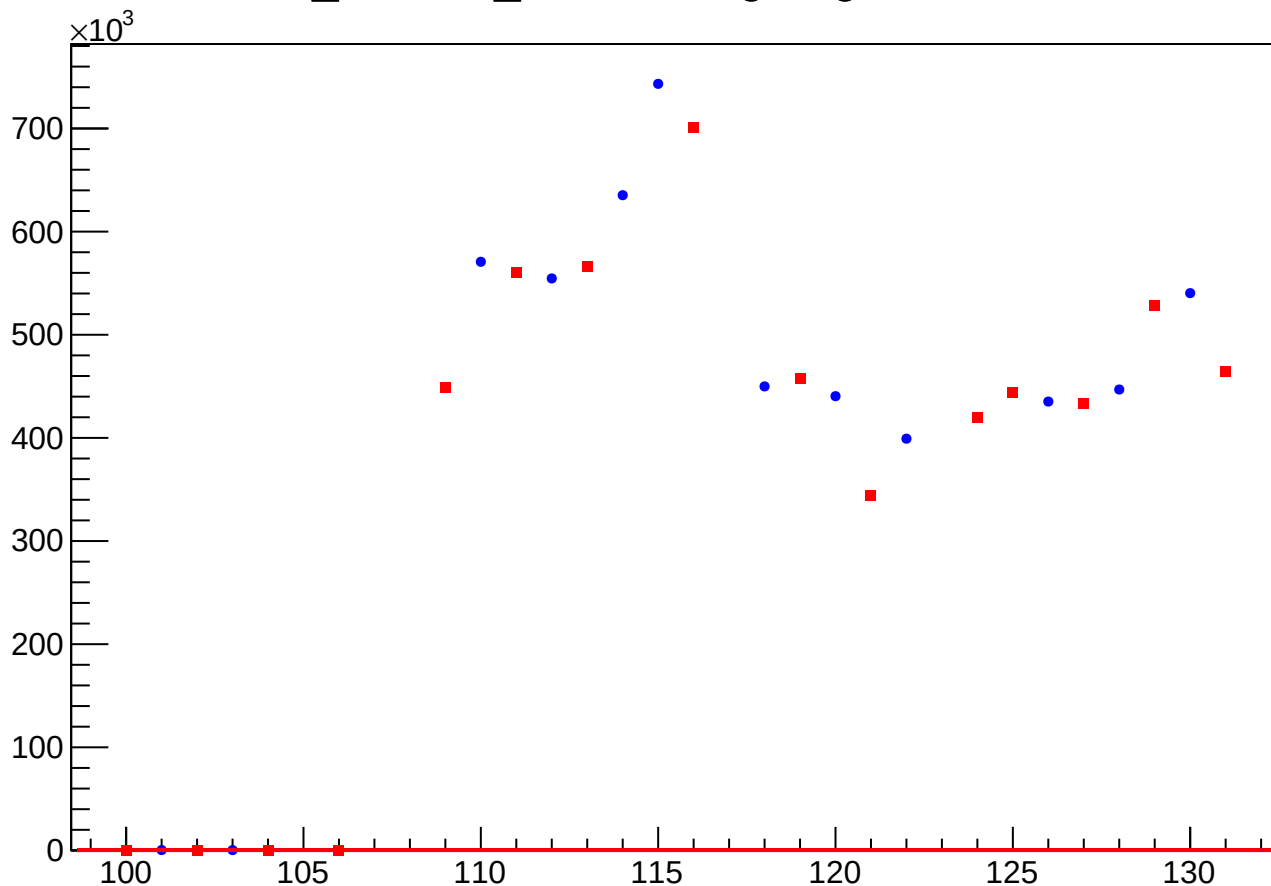
Right: -0.329+/-0.237 χ^2/NDF : 20.5/28

In: -0.020+/-0.347 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.329+/-0.237 χ^2/NDF : 20.5/28

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.628 $\pm$ 0.245 χ^2/NDF : 7742152.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.550 $\pm$ 0.229 χ^2/NDF : 8758595.2/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

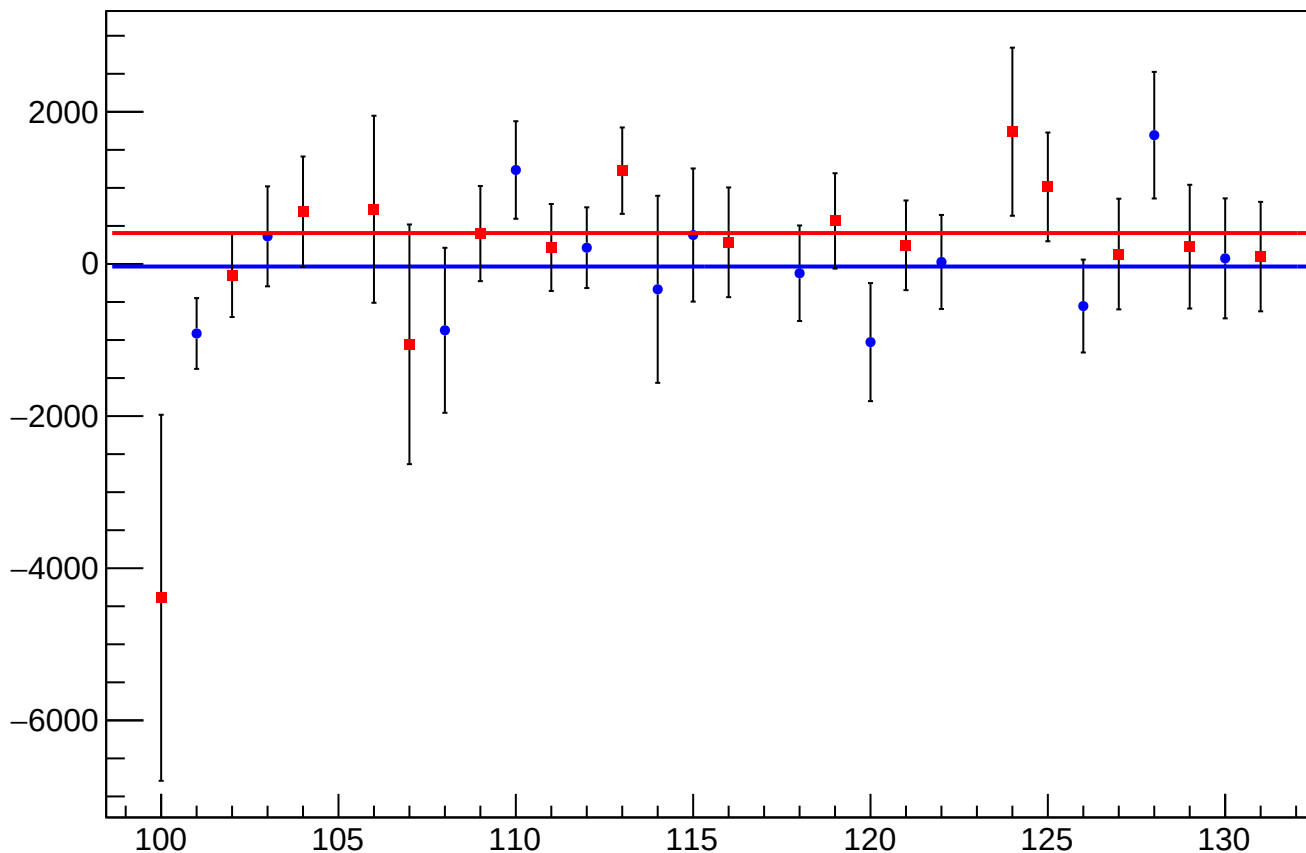
Right: 388.517 $\pm$ 0.167 χ^2/NDF : 16500786.2/26

In: 389.628 $\pm$ 0.245 χ^2/NDF : 7742152.7/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.517 $\pm$ 0.167 χ^2/NDF : 16500786.2/26

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -33.660 ± 188.028 χ^2/NDF : 15.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 406.589 ± 180.671 χ^2/NDF : 11.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

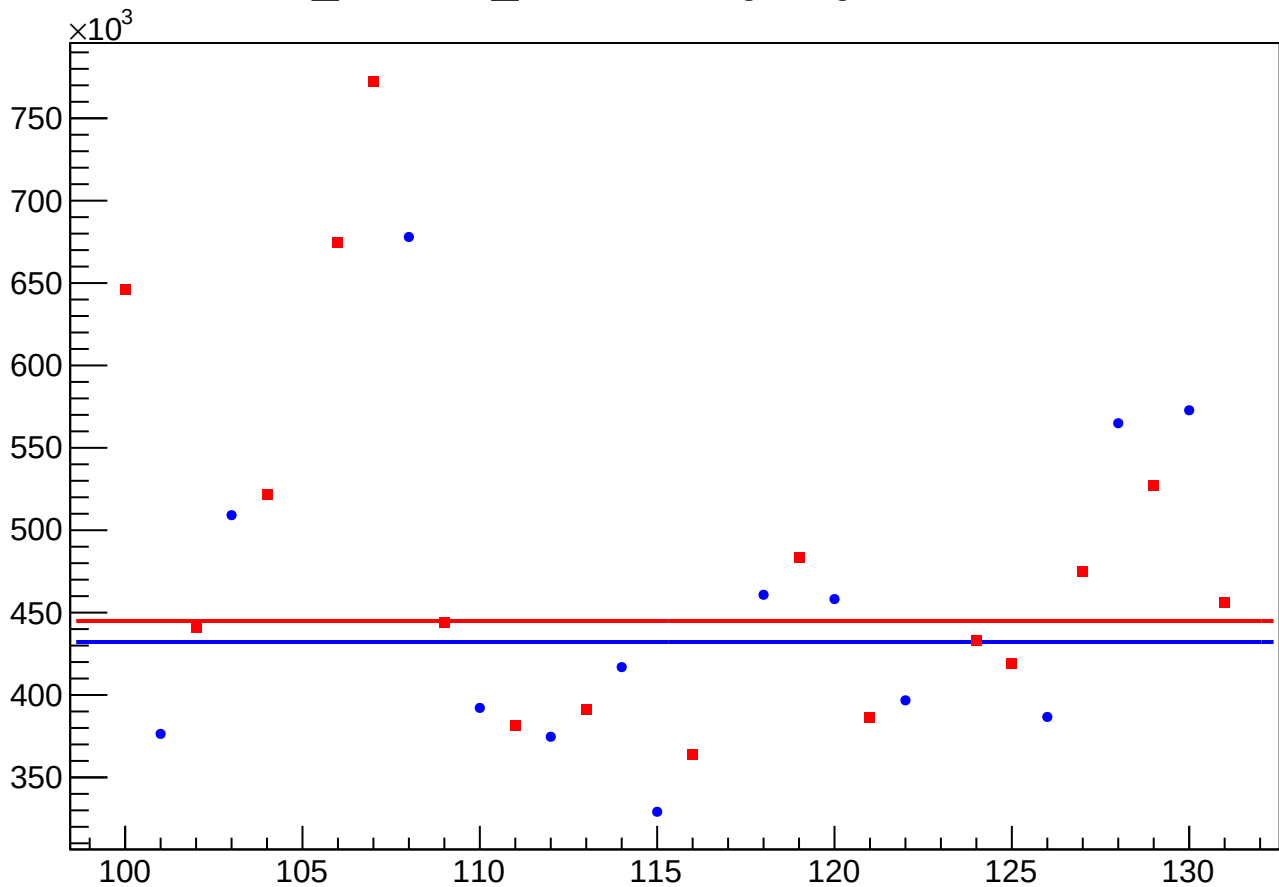
Right: 195.246 ± 130.277 χ^2/NDF : 29.5/28

In: -33.660 ± 188.028 χ^2/NDF : 15.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 195.246 ± 130.277 χ^2/NDF : 29.5/28

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 432174.722+/-132.995 χ^2/NDF : 356150.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444918.276+/-127.797 χ^2/NDF : 312588.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

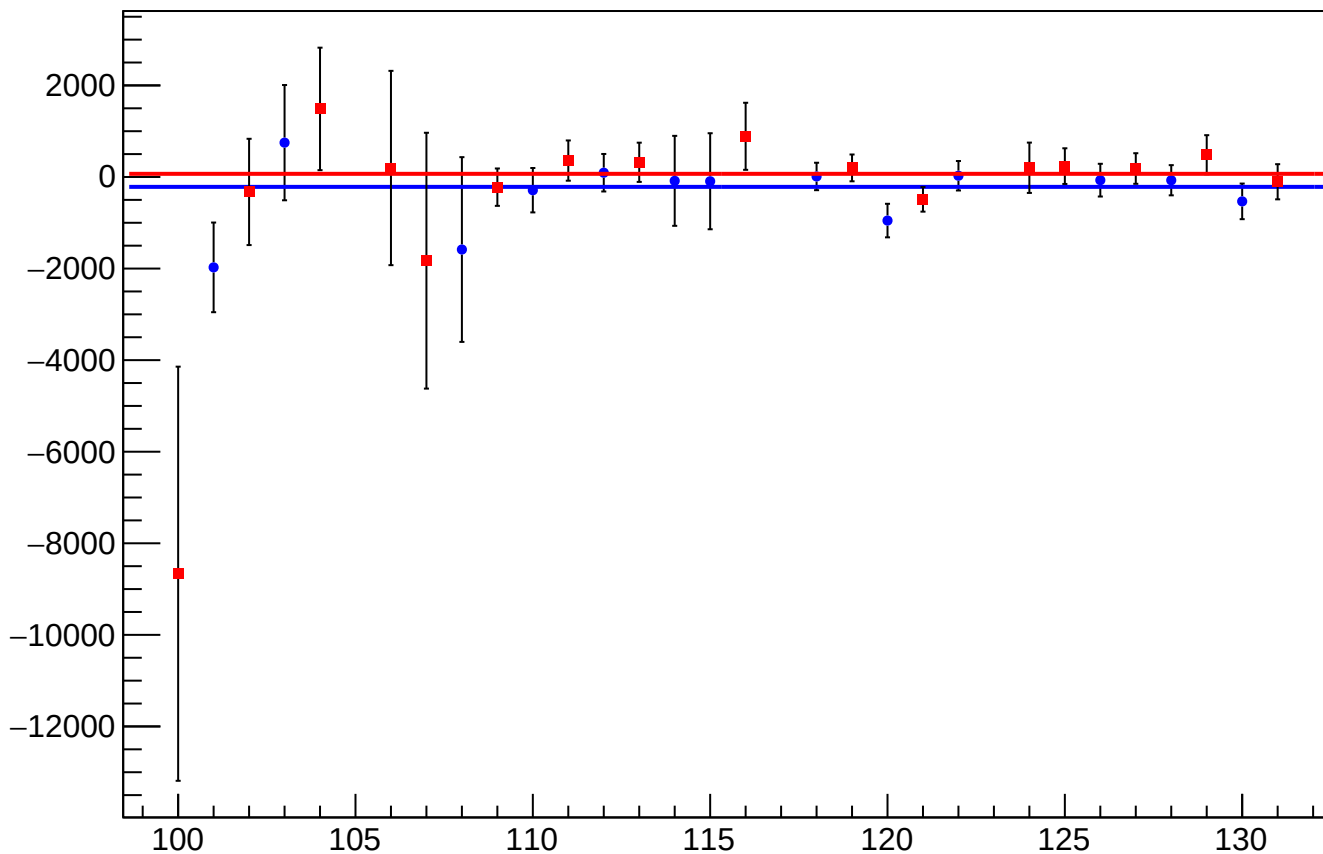
Right: 438800.410+/-92.149 χ^2/NDF : 673512.9/28

In: 432174.722+/-132.995 χ^2/NDF : 356150.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438800.410+/-92.149 χ^2/NDF : 673512.9

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -215.775+/-123.122 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.992+/-114.041 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

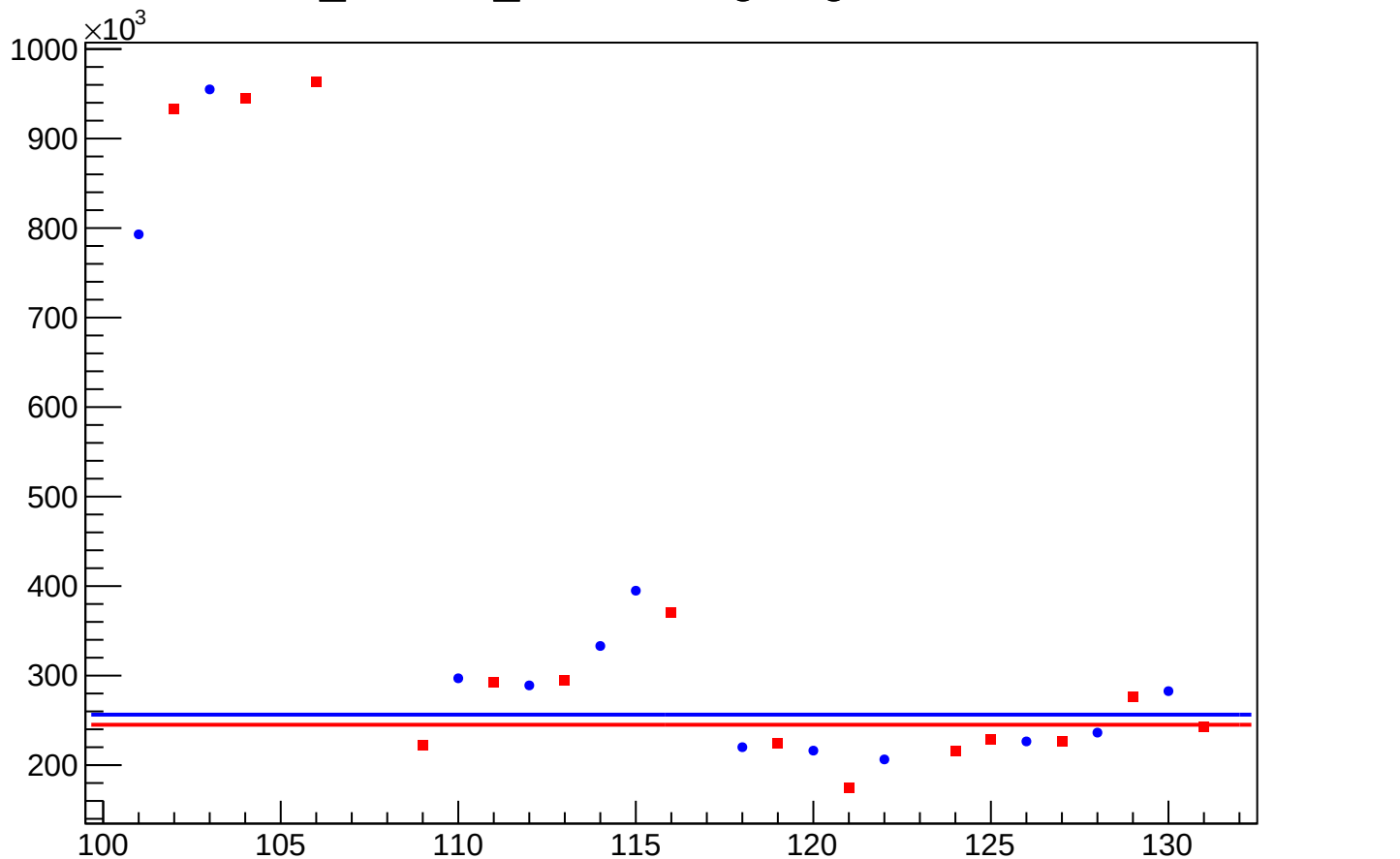
Right: -62.505+/-83.666 χ^2/NDF : 28.0/28

In: -215.775+/-123.122 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

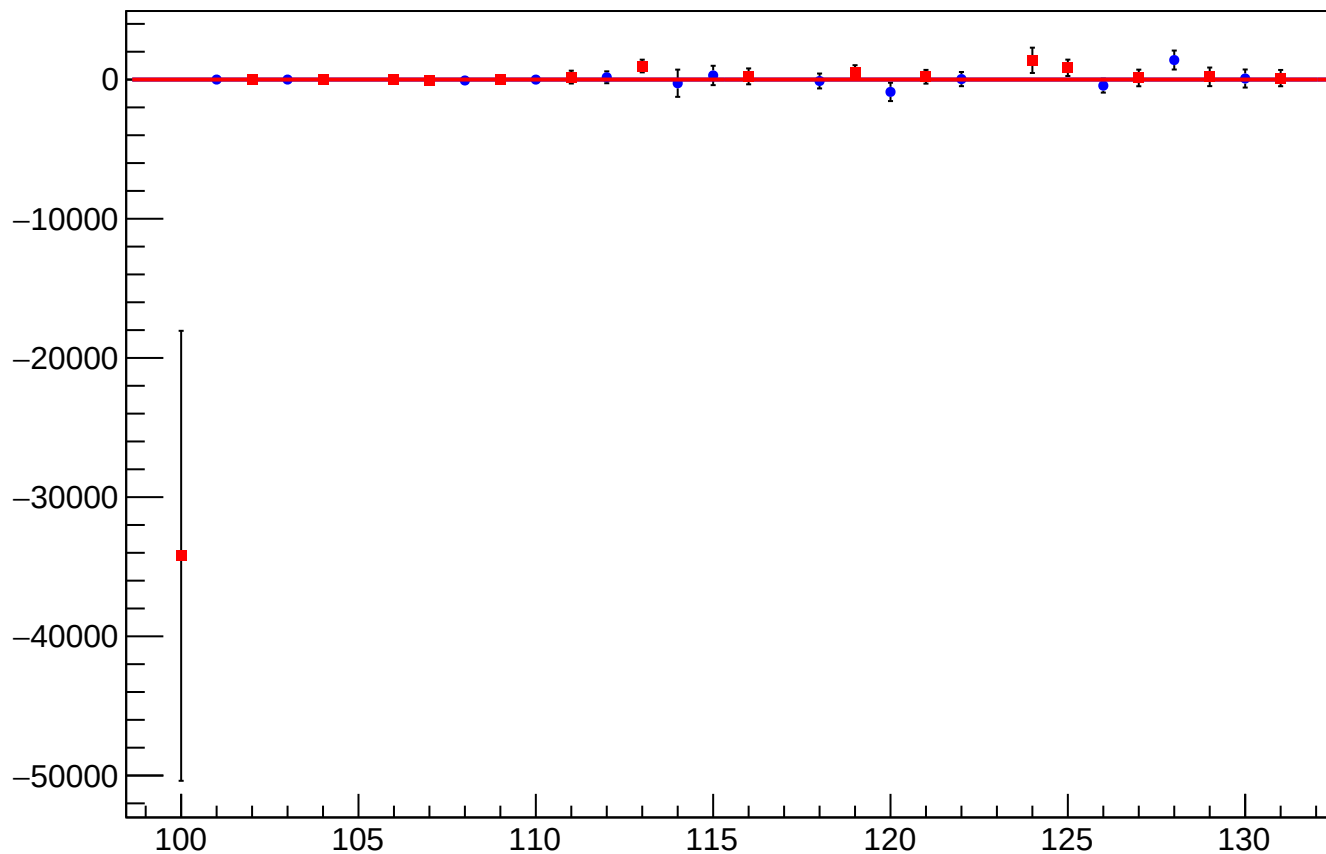
All: -62.505+/-83.666 χ^2/NDF : 28.0/28

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 256391.303 $\pm$ 87.356 χ^2/NDF : 1227029.7/11
 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: 250311.942 $\pm$ 59.388 χ^2/NDF : 2665475.9/25
 Right Out: 245087.496 $\pm$ 80.981 χ^2/NDF : 1429441.0/13
 In: 256391.303 $\pm$ 87.356 χ^2/NDF : 1227029.7/11
 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: 250311.942 $\pm$ 59.388 χ^2/NDF : 2665475.9/25

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 χ^2/NDF : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.355 ± 0.160 χ^2/NDF : 15.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

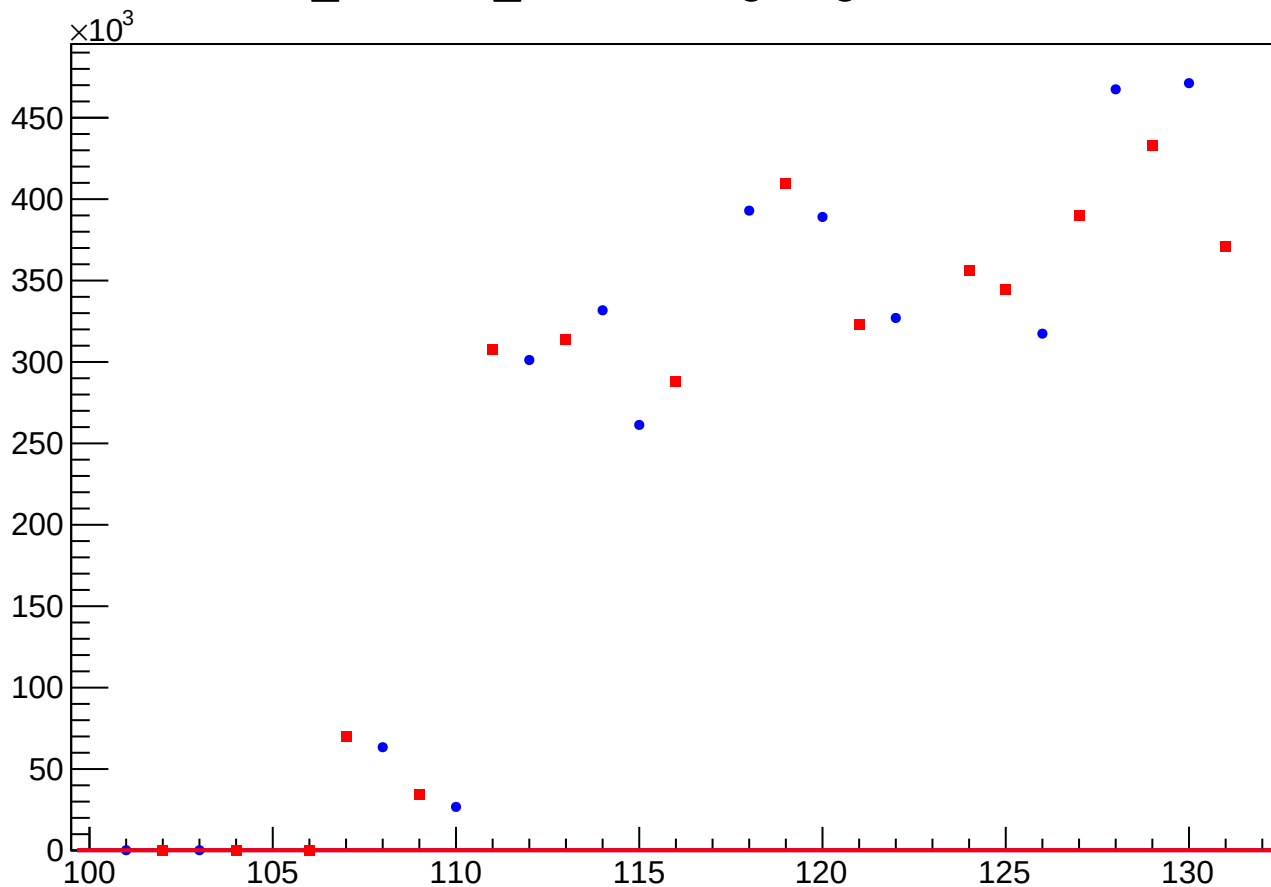
Right: 0.174 ± 0.117 χ^2/NDF : 26.8/28

In: -0.035 ± 0.172 χ^2/NDF : 8.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.174 ± 0.117 χ^2/NDF : 26.8/28

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.901+/-0.122 χ^2/NDF : 7953516.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.278+/-0.113 χ^2/NDF : 8964179.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

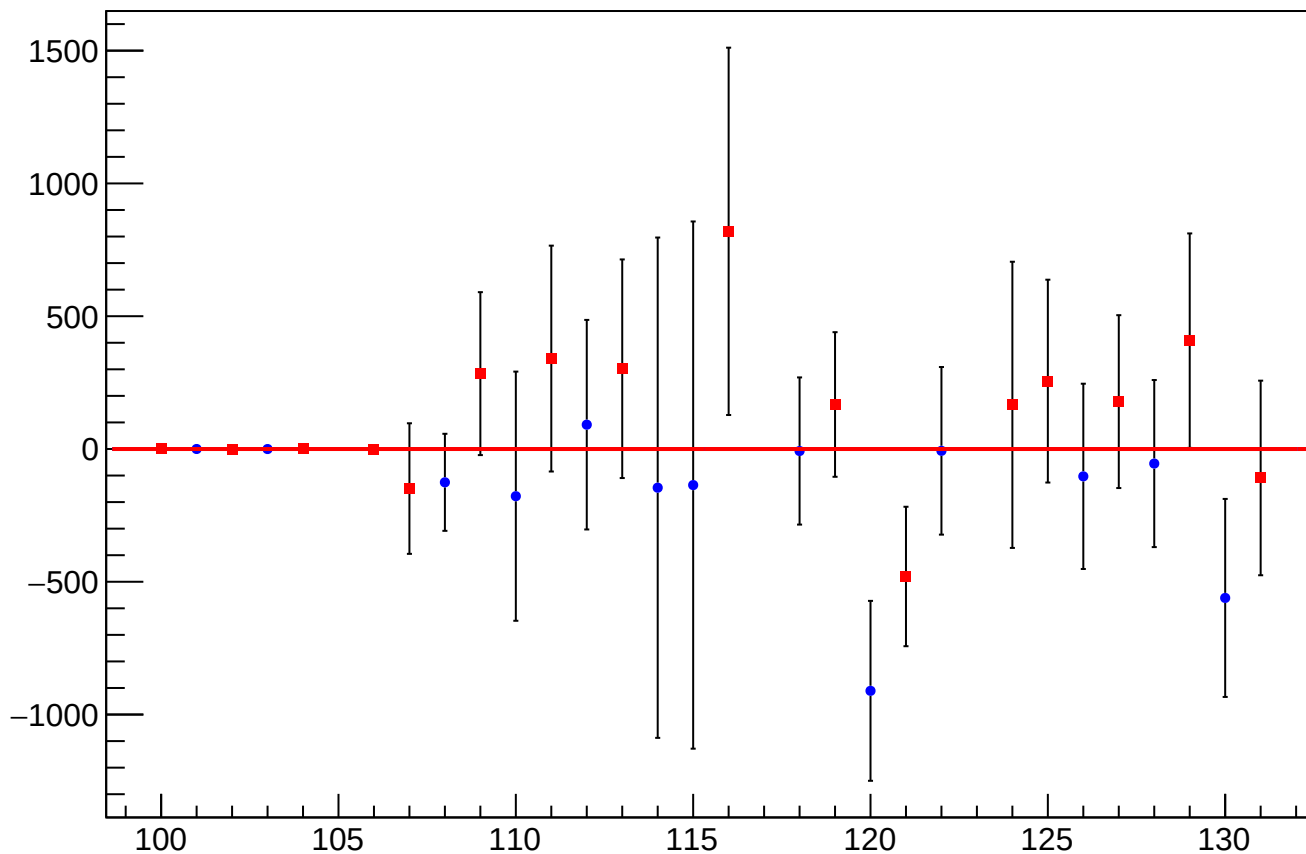
Right: 149.103+/-0.083 χ^2/NDF : 16917701.6/27

In: 148.901+/-0.122 χ^2/NDF : 7953516.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.103+/-0.083 χ^2/NDF : 16917701.6/27

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.126+/-0.166 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

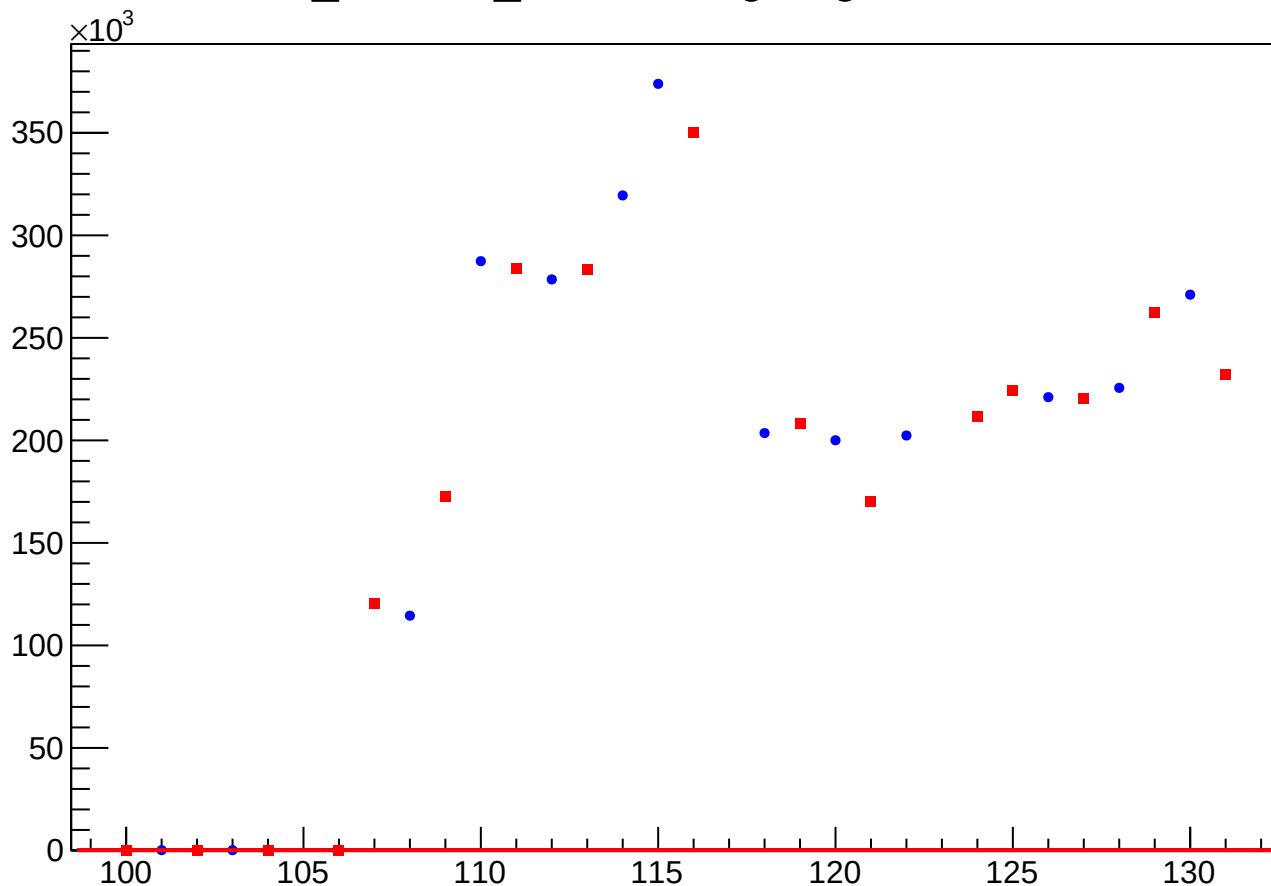
Right: -0.099+/-0.121 χ^2/NDF : 20.2/28

In: -0.068+/-0.177 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.121 χ^2/NDF : 20.2/28

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.134 $\pm$ 0.125 χ^2/NDF : 8523616.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.928 $\pm$ 0.118 χ^2/NDF : 9014675.8/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

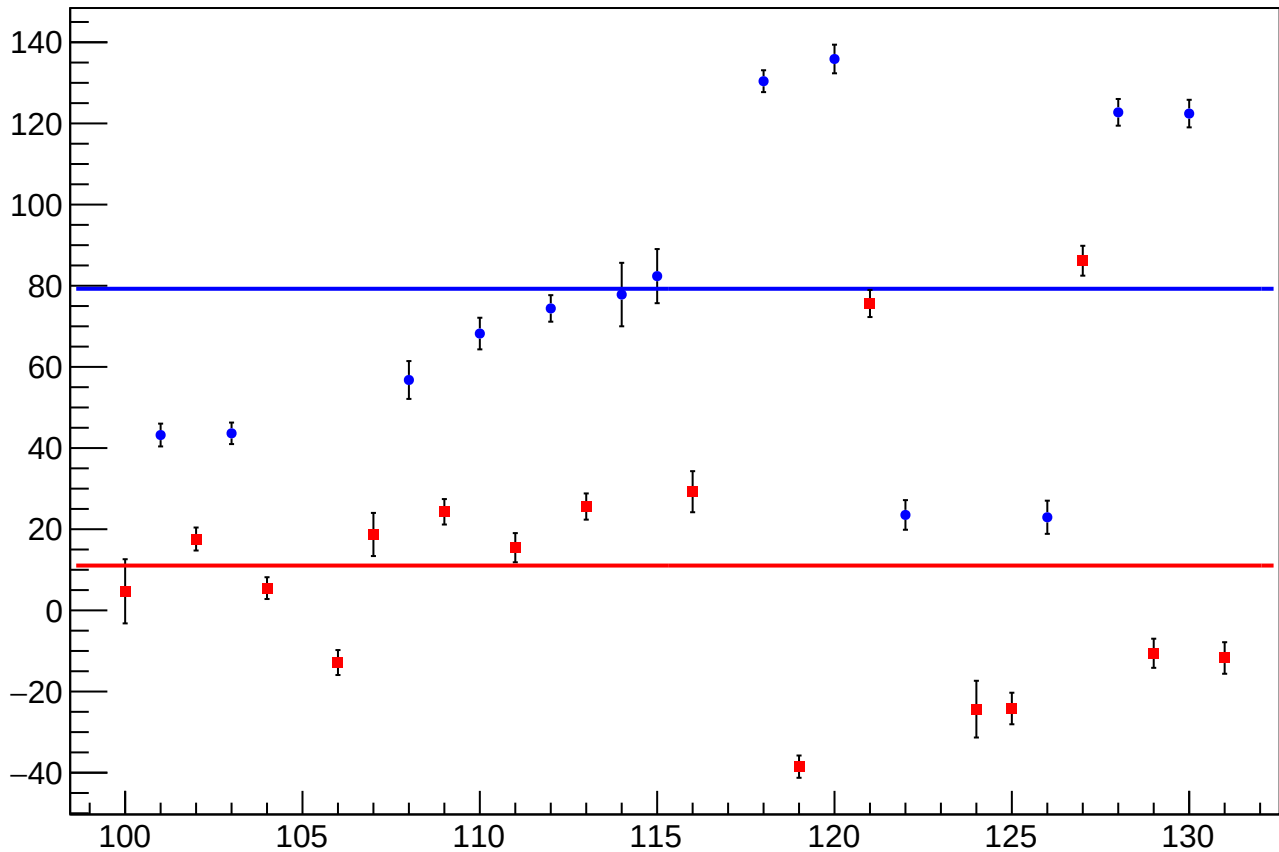
Right: 154.618 $\pm$ 0.086 χ^2/NDF : 17538556.0/28

In: 153.134 $\pm$ 0.125 χ^2/NDF : 8523616.1/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.618 $\pm$ 0.086 χ^2/NDF : 17538556.0/28

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 79.253+/-0.978 χ^2/NDF : 1755.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.046+/-0.891 χ^2/NDF : 1419.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

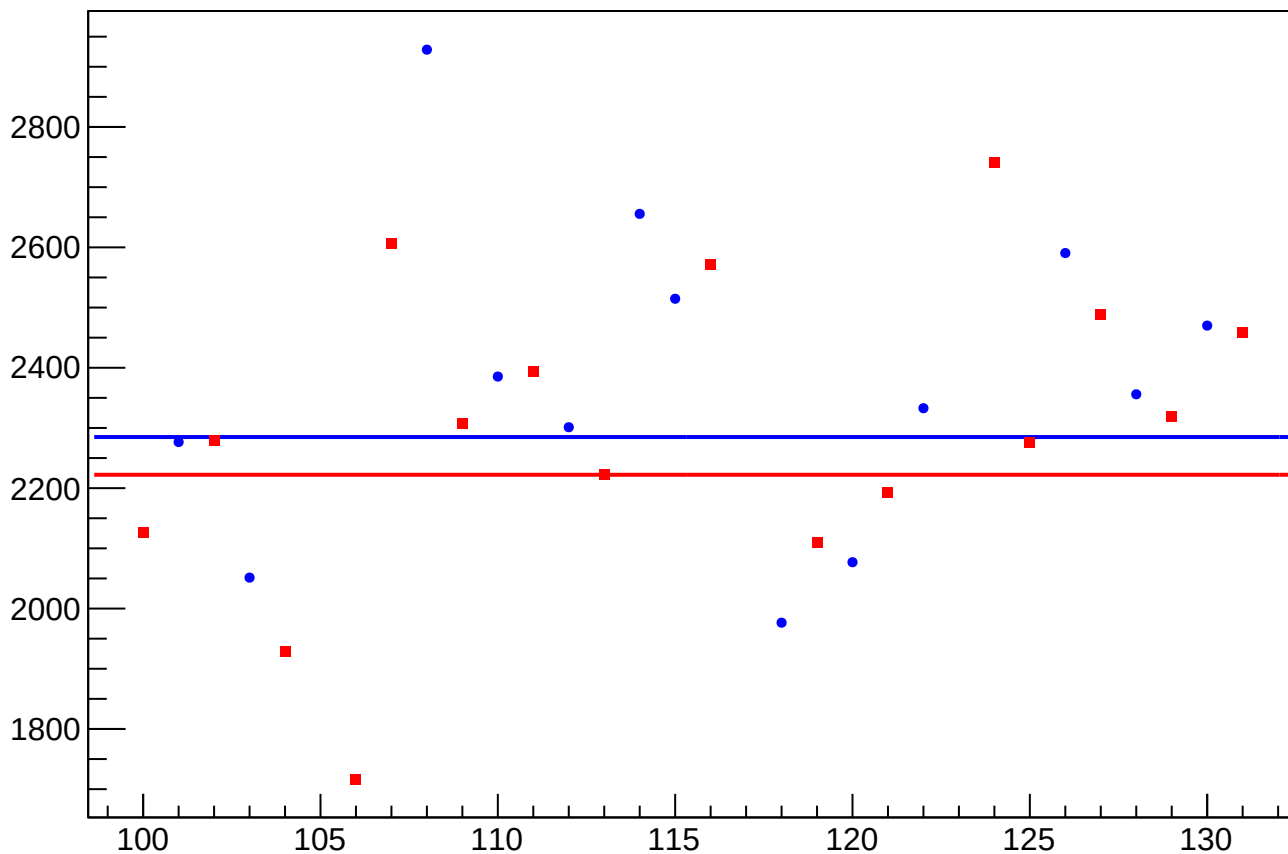
Right: 41.958+/-0.659 χ^2/NDF : 5833.1/28

In: 79.253+/-0.978 χ^2/NDF : 1755.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.958+/-0.659 χ^2/NDF : 5833.1/28

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2284.929+/-0.692 χ^2/NDF : 113382.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2222.230+/-0.630 χ^2/NDF : 139460.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

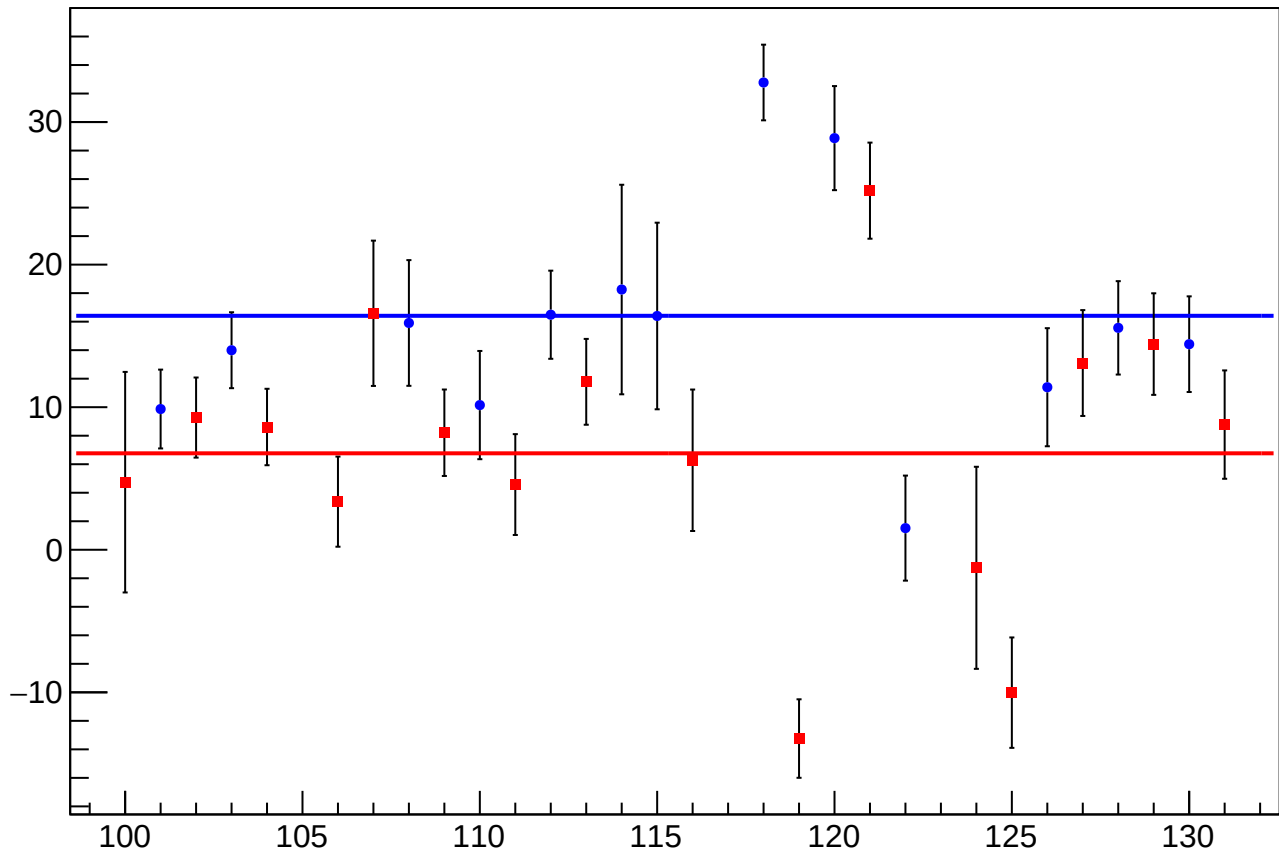
Right: 2250.645+/-0.466 χ^2/NDF : 257334.9/28

In: 2284.929+/-0.692 χ^2/NDF : 113382.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.645+/-0.466 χ^2/NDF : 257334.9/28

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.410 $\pm$ 0.967 χ^2 /NDF: 77.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.765 $\pm$ 0.881 χ^2 /NDF: 120.2/15

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

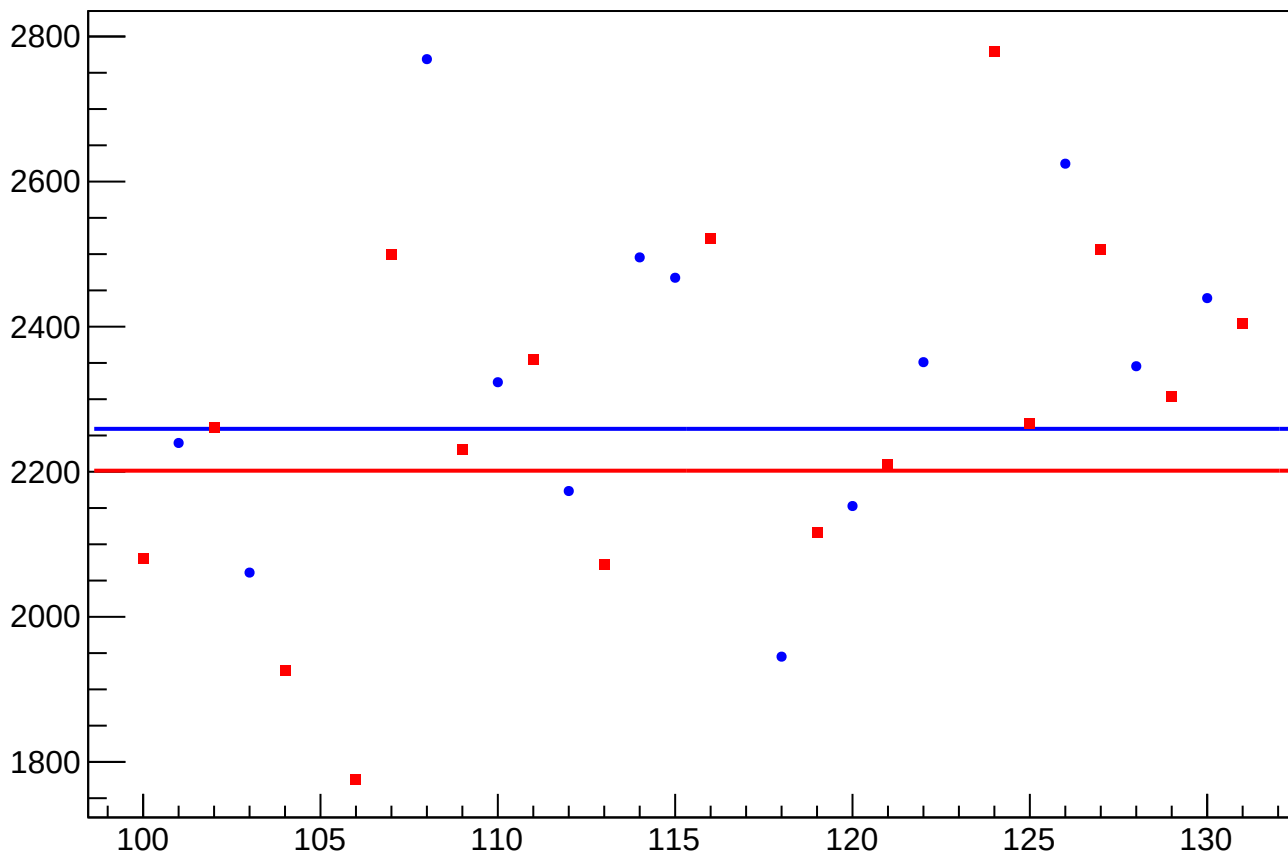
Right: 11.143 $\pm$ 0.651 χ^2 /NDF: 251.7/28

In: 16.410 $\pm$ 0.967 χ^2 /NDF: 77.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.143 $\pm$ 0.651 χ^2 /NDF: 251.7/28

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2259.150+/-0.683 χ^2/NDF : 97810.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2201.467+/-0.623 χ^2/NDF : 118151.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

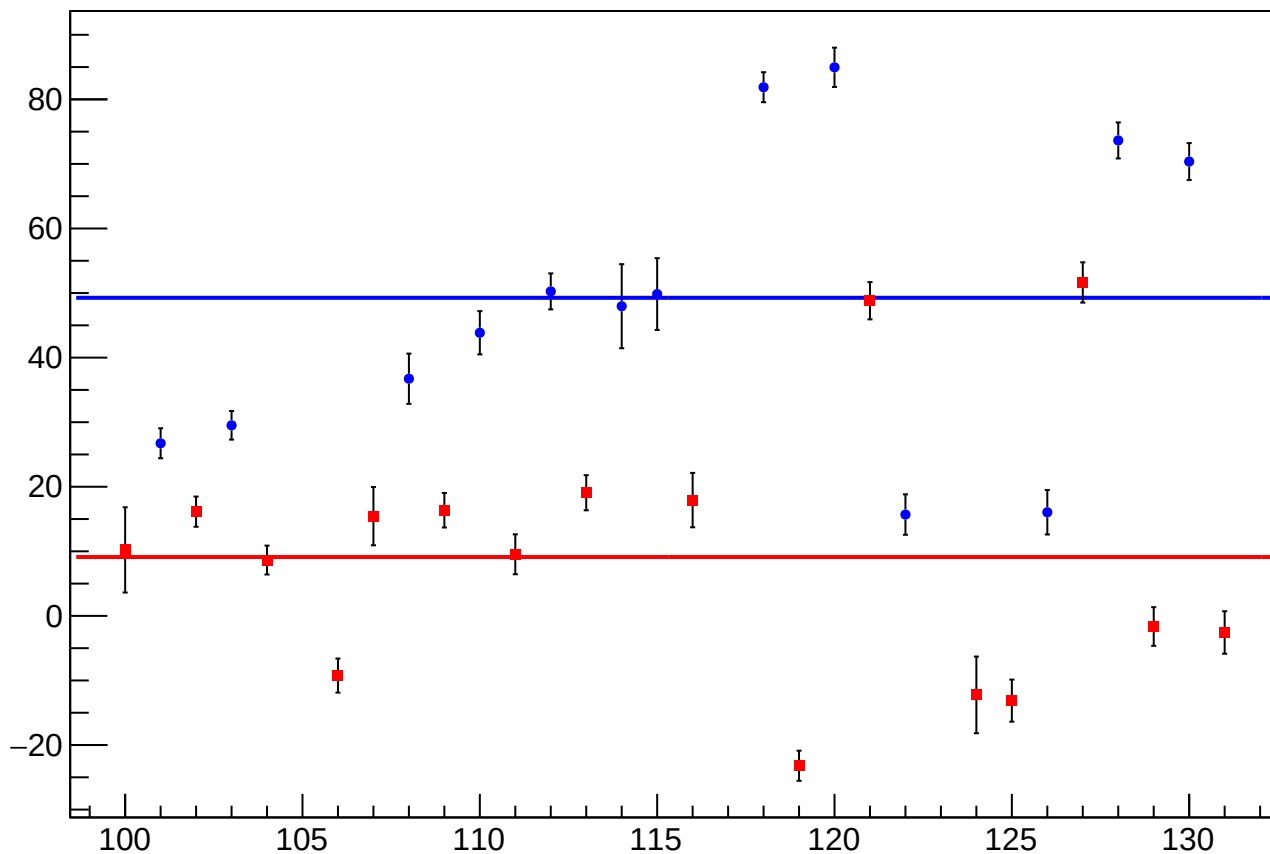
Right: 2227.648+/-0.460 χ^2/NDF : 219852.0/28

In: 2259.150+/-0.683 χ^2/NDF : 97810.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.648+/-0.460 χ^2/NDF : 219852.0/28

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 49.266+/-0.828 χ^2/NDF : 861.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.117+/-0.752 χ^2/NDF : 736.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

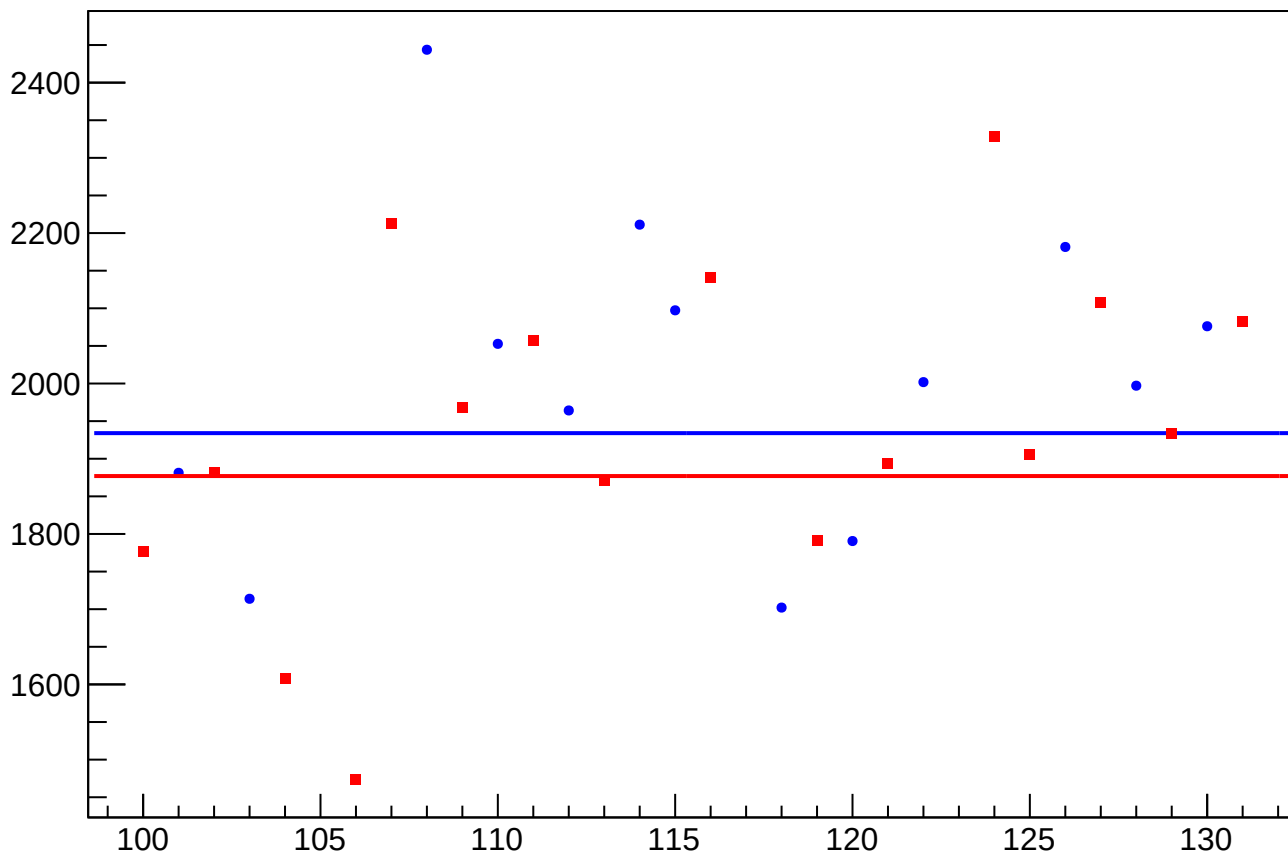
Right: 27.280+/-0.557 χ^2/NDF : 2887.0/28

In: 49.266+/-0.828 χ^2/NDF : 861.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.280+/-0.557 χ^2/NDF : 2887.0/28

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1934.049+/-0.585 χ^2/NDF : 104884.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1876.996+/-0.532 χ^2/NDF : 138211.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

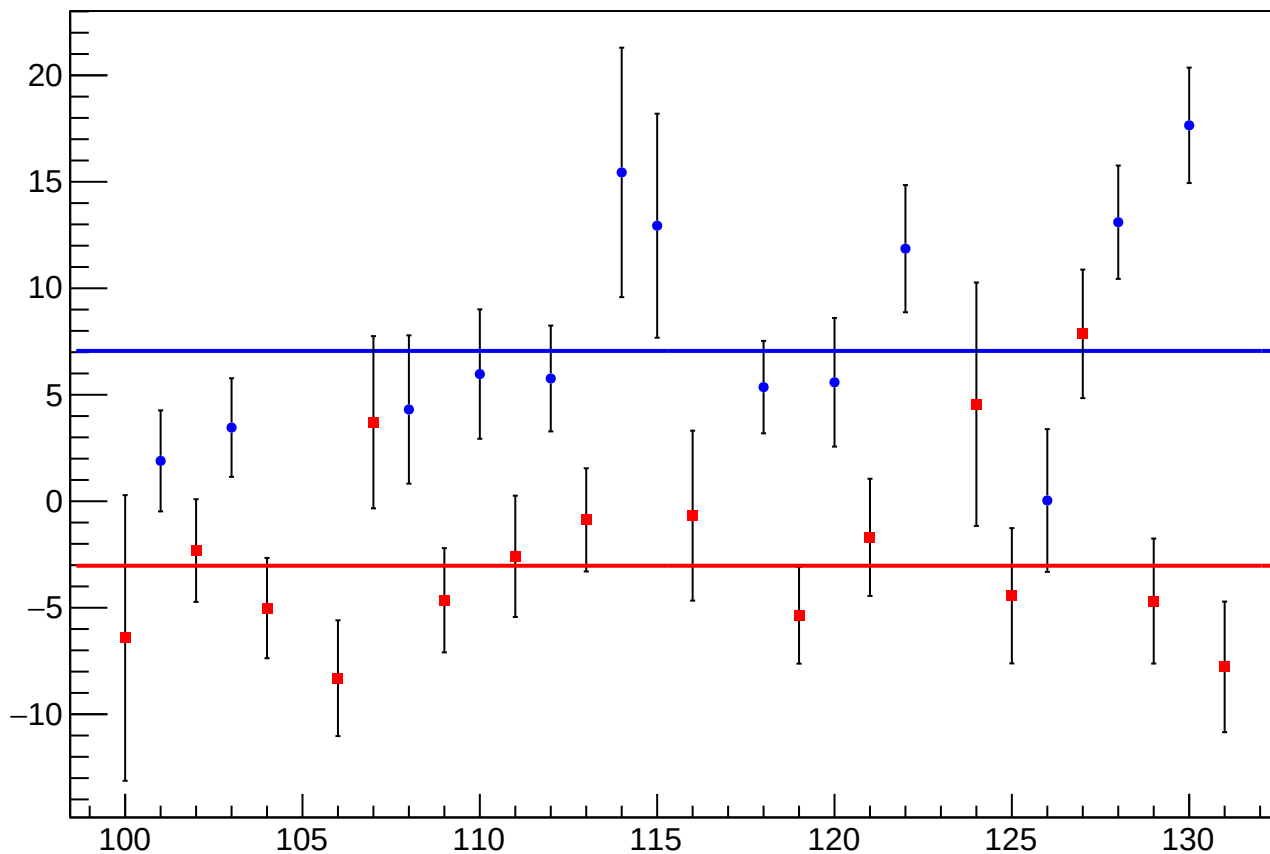
Right: 1902.805+/-0.394 χ^2/NDF : 248301.4/28

In: 1934.049+/-0.585 χ^2/NDF : 104884.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.805+/-0.394 χ^2/NDF : 248301.4/28

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.059+/-0.795 χ^2/NDF : 39.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.028+/-0.729 χ^2/NDF : 28.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

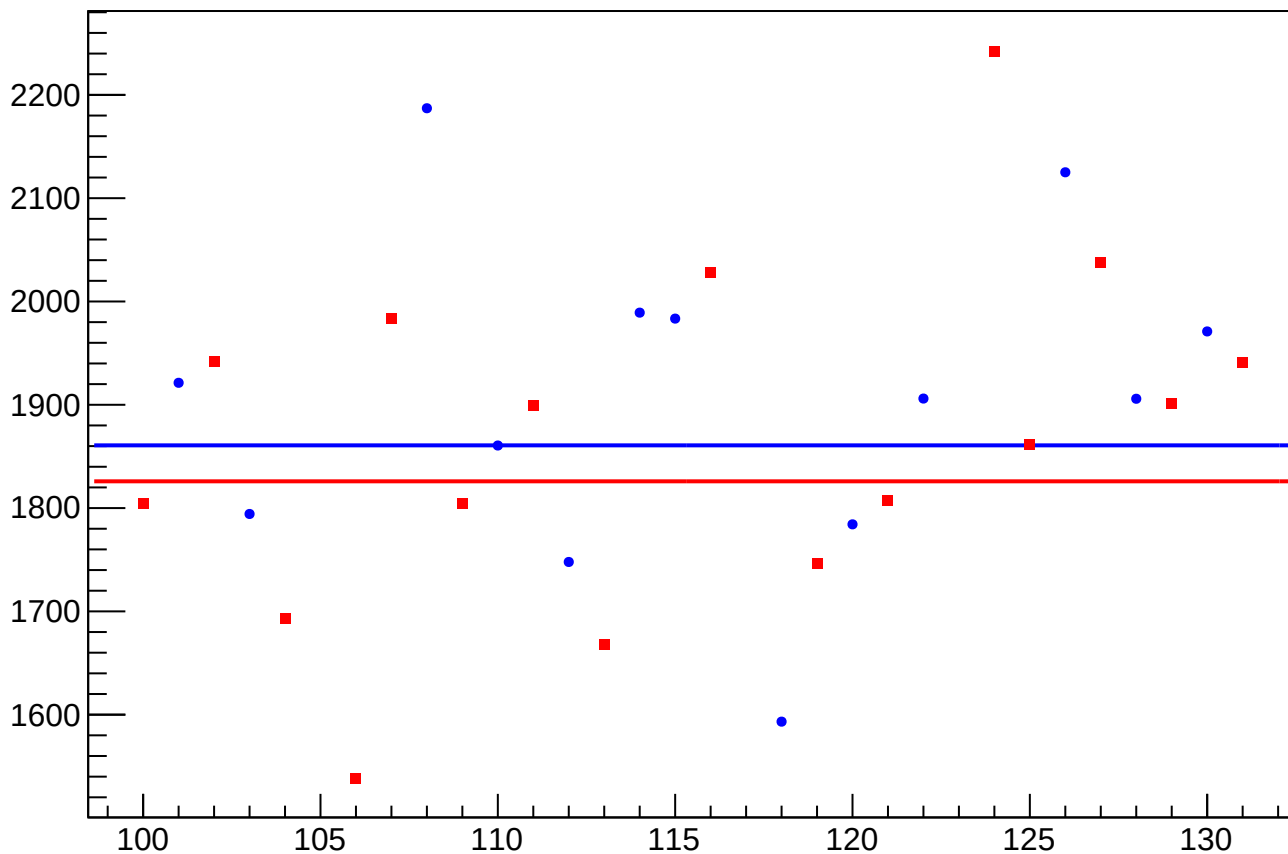
Right: 1.579+/-0.537 χ^2/NDF : 155.4/28

In: 7.059+/-0.795 χ^2/NDF : 39.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.579+/-0.537 χ^2/NDF : 155.4/28

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1860.726+/-0.562 χ^2/NDF : 75132.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.907+/-0.515 χ^2/NDF : 78946.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

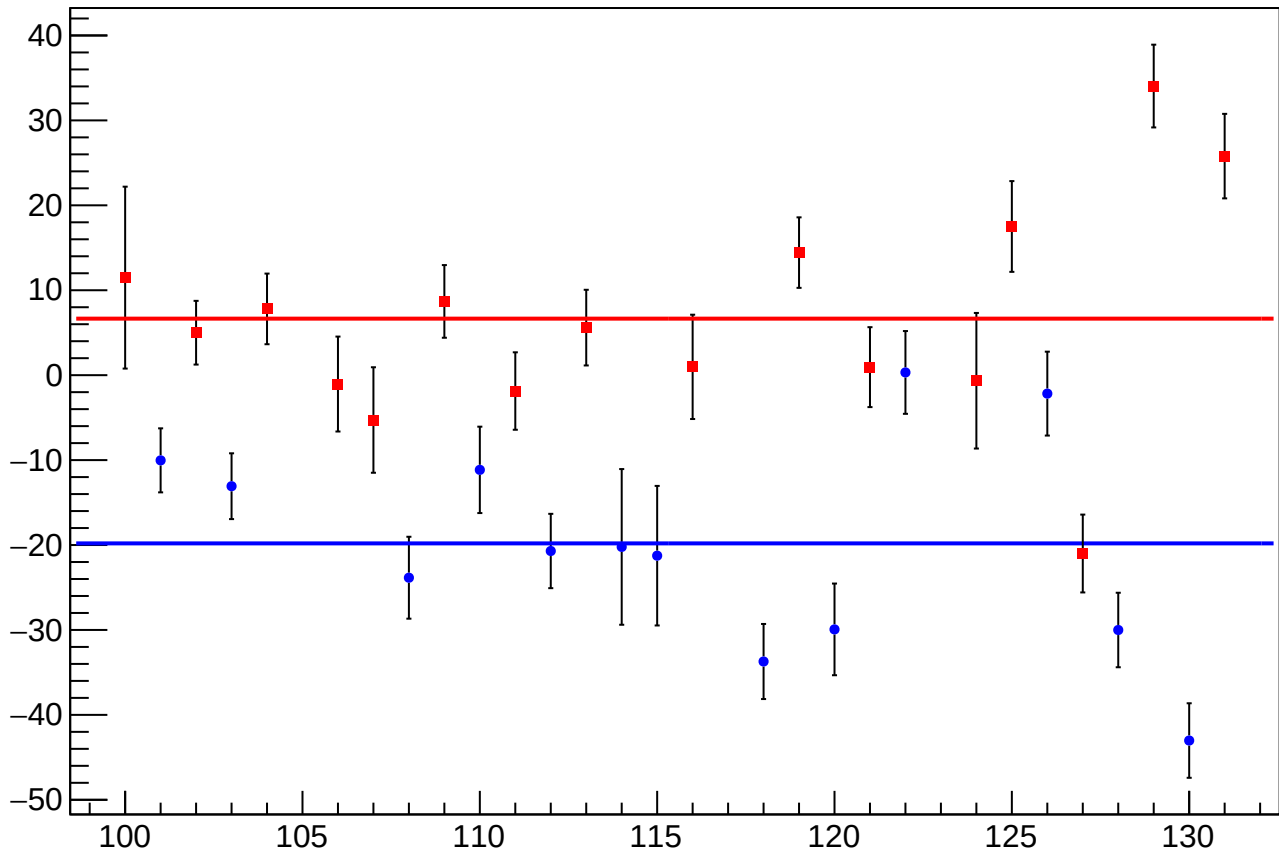
Right: 1841.810+/-0.380 χ^2/NDF : 156164.7/28

In: 1860.726+/-0.562 χ^2/NDF : 75132.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.810+/-0.380 χ^2/NDF : 156164.7/28

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.807 ± 1.324 $\chi^2/\text{NDF}: 90.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.657 ± 1.232 $\chi^2/\text{NDF}: 103.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

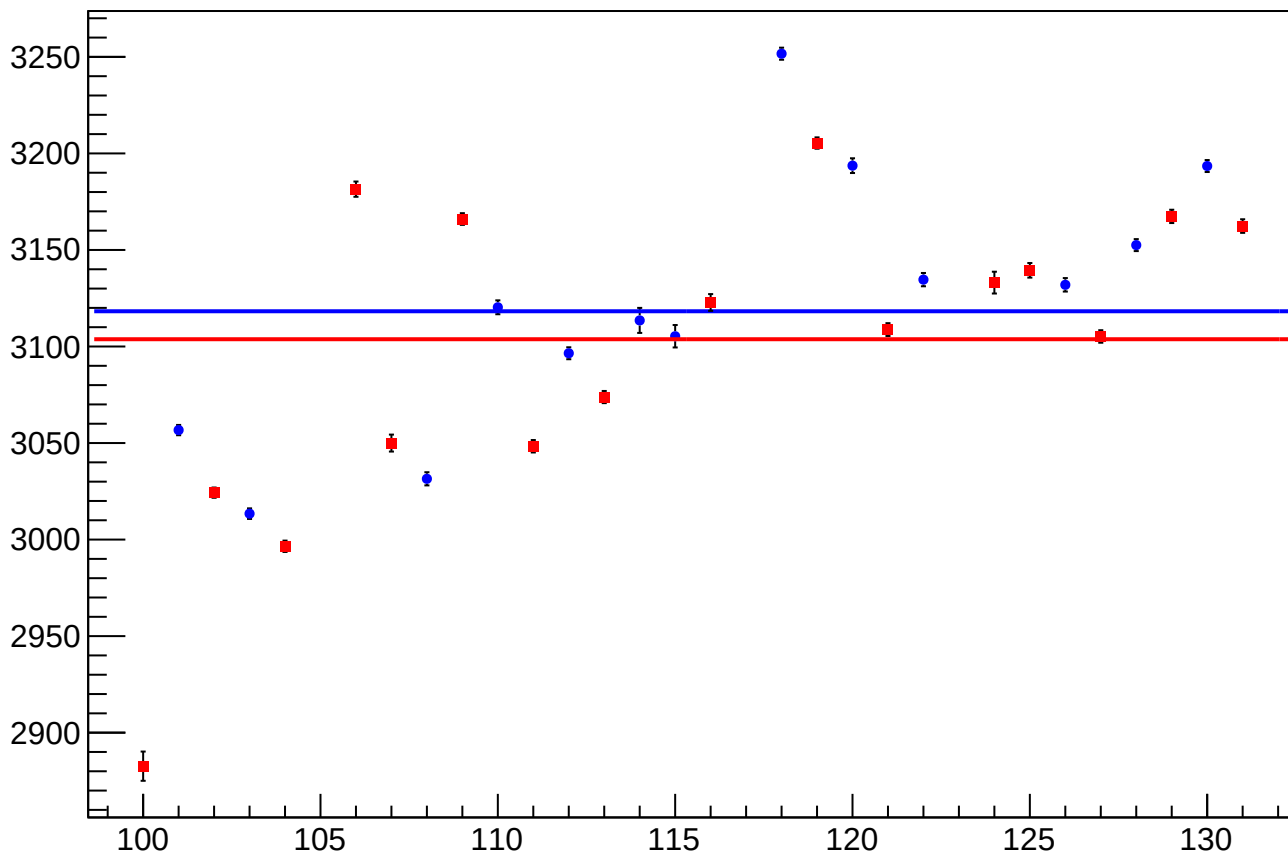
Right: -5.616 ± 0.902 $\chi^2/\text{NDF}: 407.6/28$

In: -19.807 ± 1.324 $\chi^2/\text{NDF}: 90.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.616 ± 0.902 $\chi^2/\text{NDF}: 407.6/28$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3118.252 $\pm$ 0.937 χ^2 /NDF: 5659.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3103.767 $\pm$ 0.871 χ^2 /NDF: 6380.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

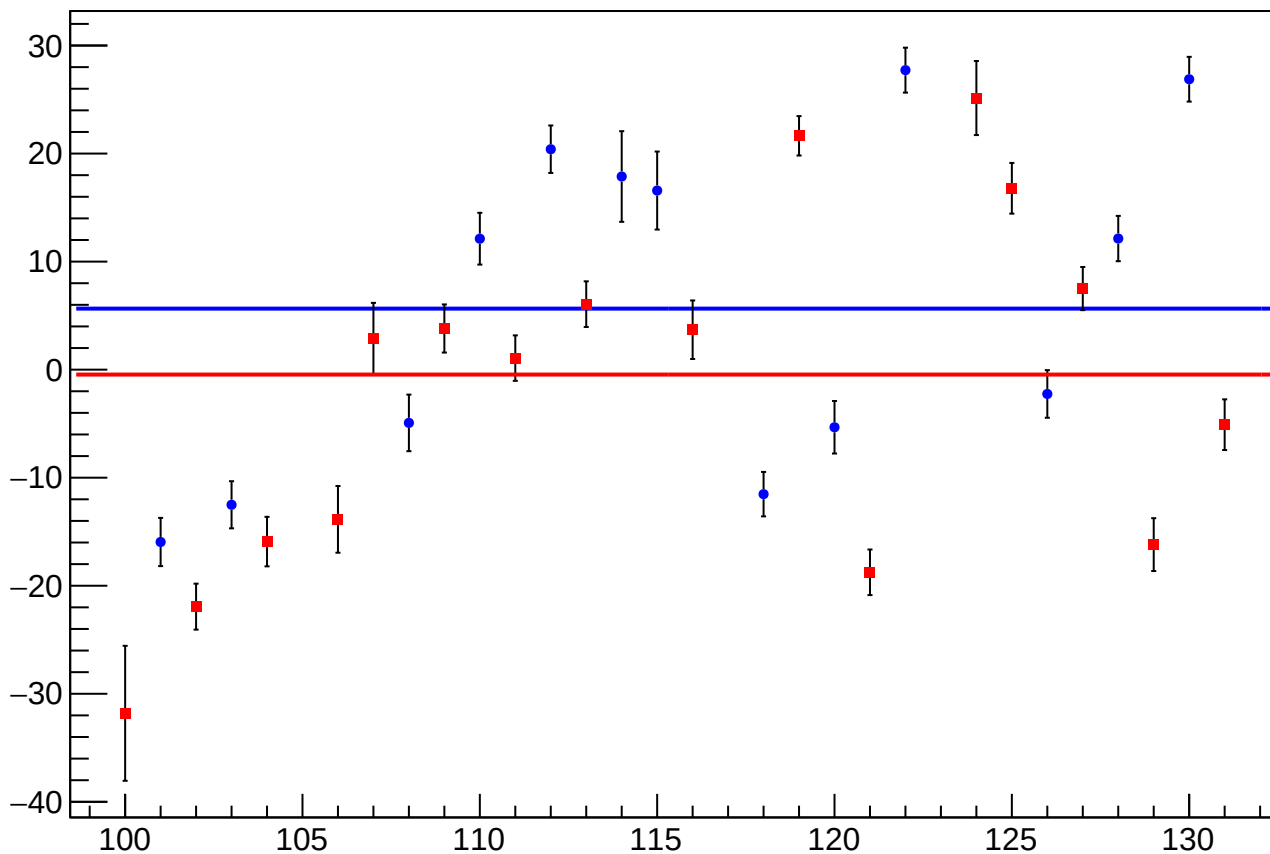
Right: 3110.485 $\pm$ 0.638 χ^2 /NDF: 12168.3/28

In: 3118.252 $\pm$ 0.937 χ^2 /NDF:5659.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3110.485 $\pm$ 0.638 χ^2 /NDF: 12168.3/28

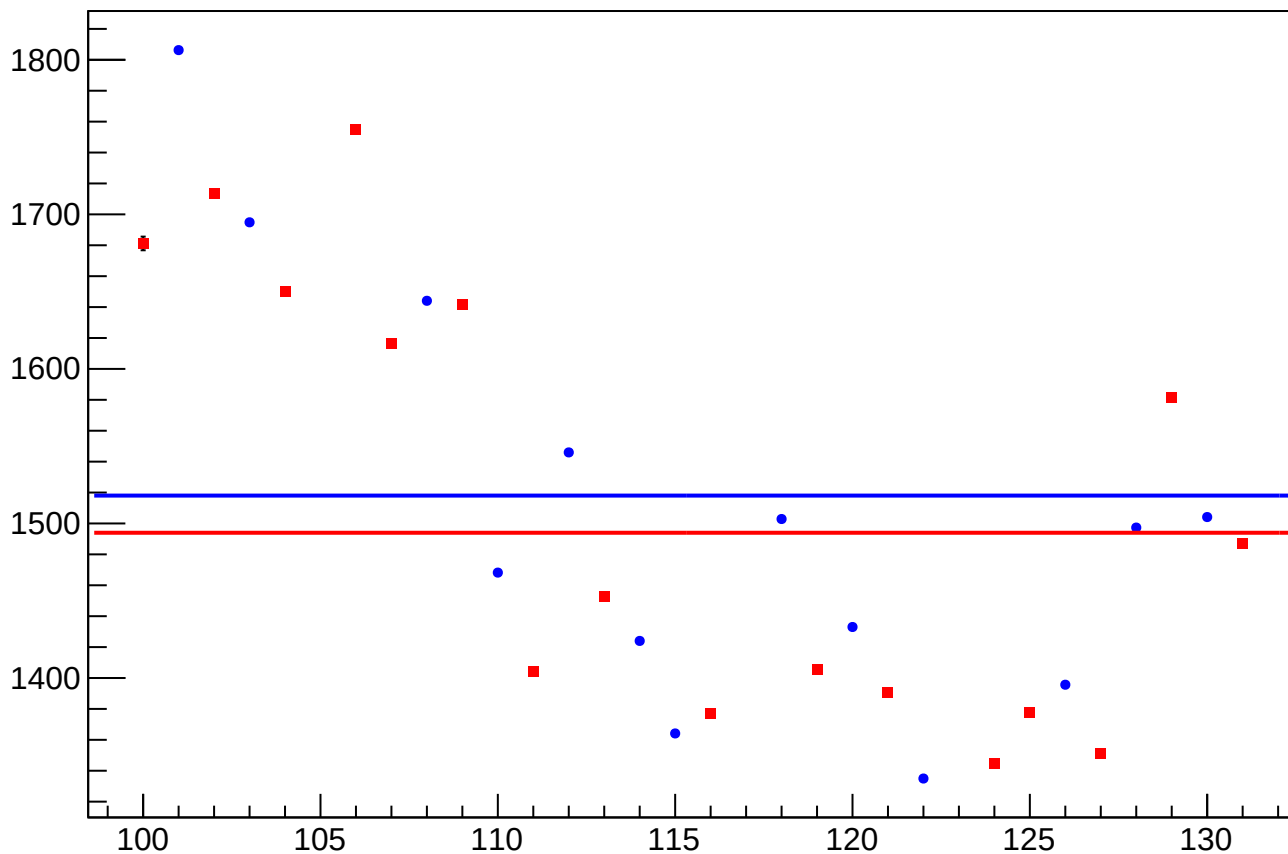
diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 5.649+/-0.649 χ^2/NDF : 579.7/12
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -0.455+/-0.596 χ^2/NDF : 601.7/15
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 2.339+/-0.439 χ^2/NDF : 1229.4/28
In: 5.649+/-0.649 χ^2/NDF : 579.7/12
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 2.339+/-0.439 χ^2/NDF : 1229.4/28

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1518.037+/-0.459 χ^2/NDF : 81483.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.982+/-0.422 χ^2/NDF : 97296.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

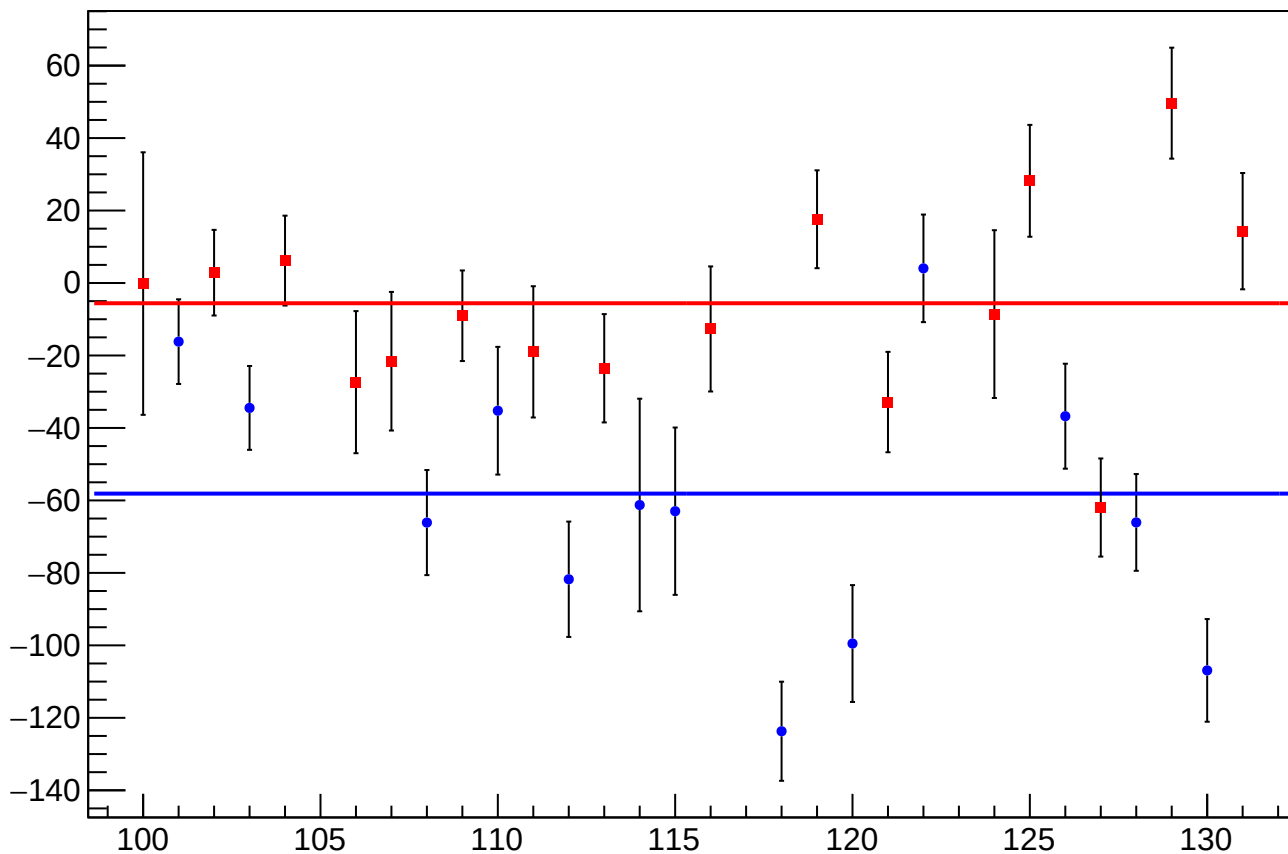
Right: 1504.994+/-0.310 χ^2/NDF : 180270.3/28

In: 1518.037+/-0.459 χ^2/NDF : 81483.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1504.994+/-0.310 χ^2/NDF : 180270.3/28

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -58.120 ± 4.123 $\chi^2/\text{NDF}: 82.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.585 ± 3.852 $\chi^2/\text{NDF}: 49.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

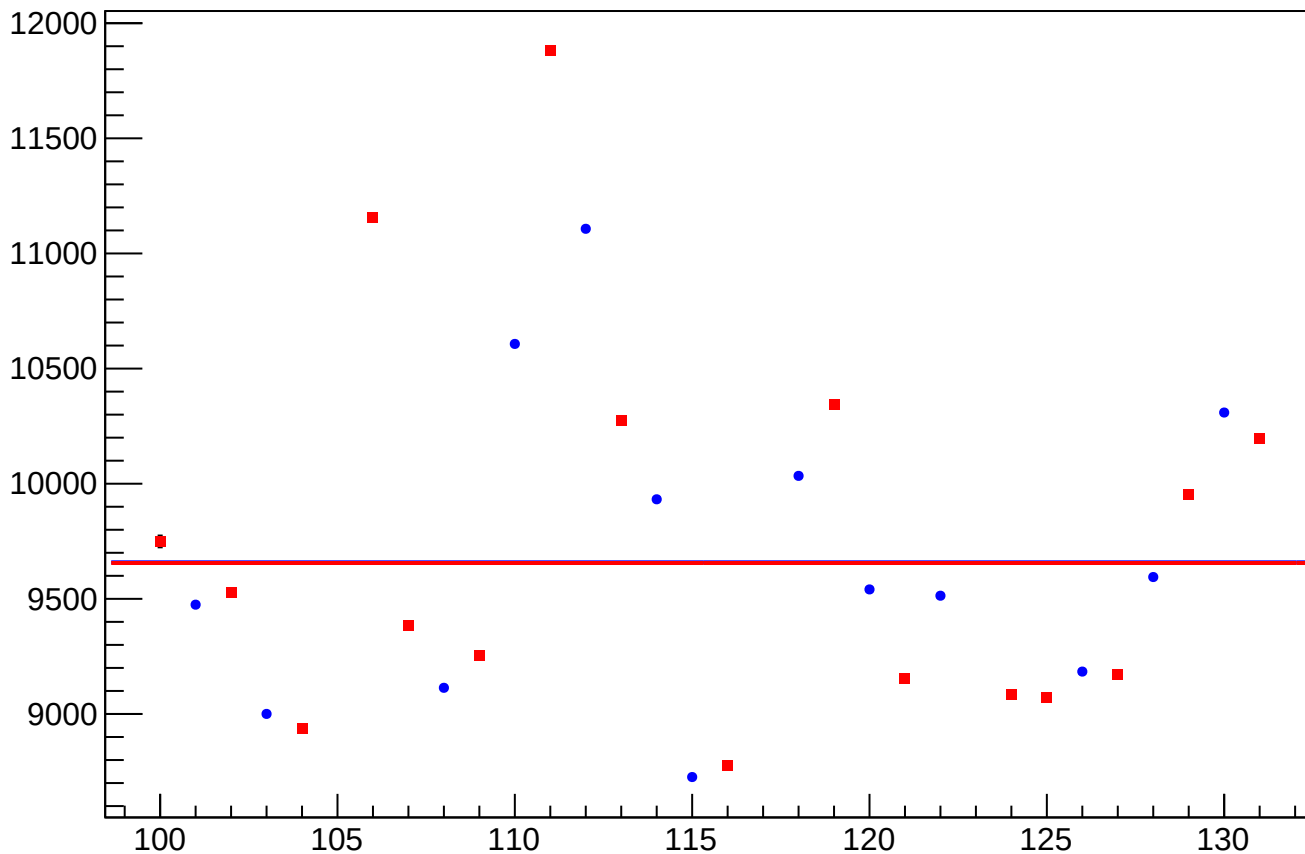
Right: -30.073 ± 2.815 $\chi^2/\text{NDF}: 218.6/28$

In: -58.120 ± 4.123 $\chi^2/\text{NDF}: 82.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.073 ± 2.815 $\chi^2/\text{NDF}: 218.6/28$

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9658.595+/-2.915 χ^2/NDF : 43793.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9655.658+/-2.724 χ^2/NDF : 77514.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

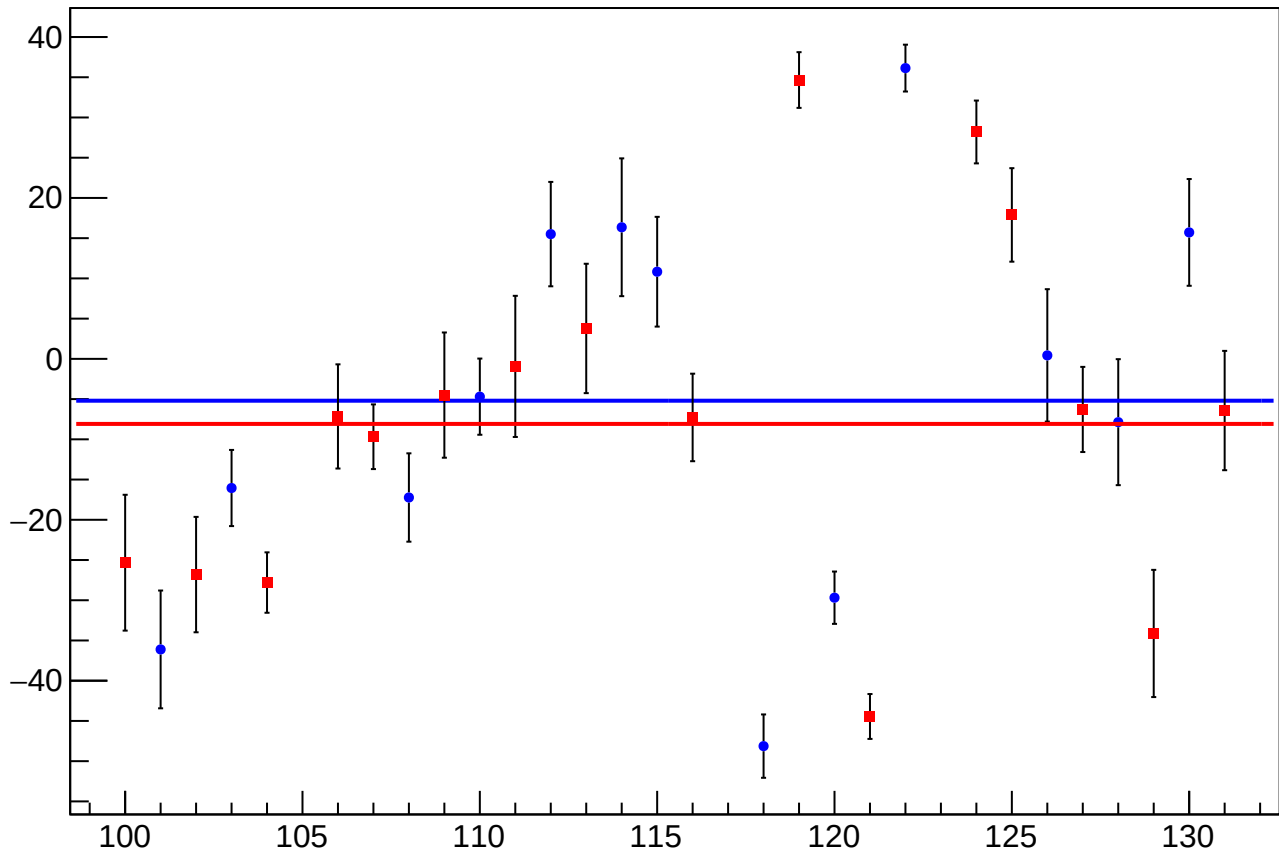
Right: 9657.027+/-1.990 χ^2/NDF : 121308.2/28

In: 9658.595+/-2.915 χ^2/NDF : 43793.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9657.027+/-1.990 χ^2/NDF : 121308.2/28

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -5.201 ± 1.373 $\chi^2/\text{NDF}: 437.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.085 ± 1.244 $\chi^2/\text{NDF}: 481.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

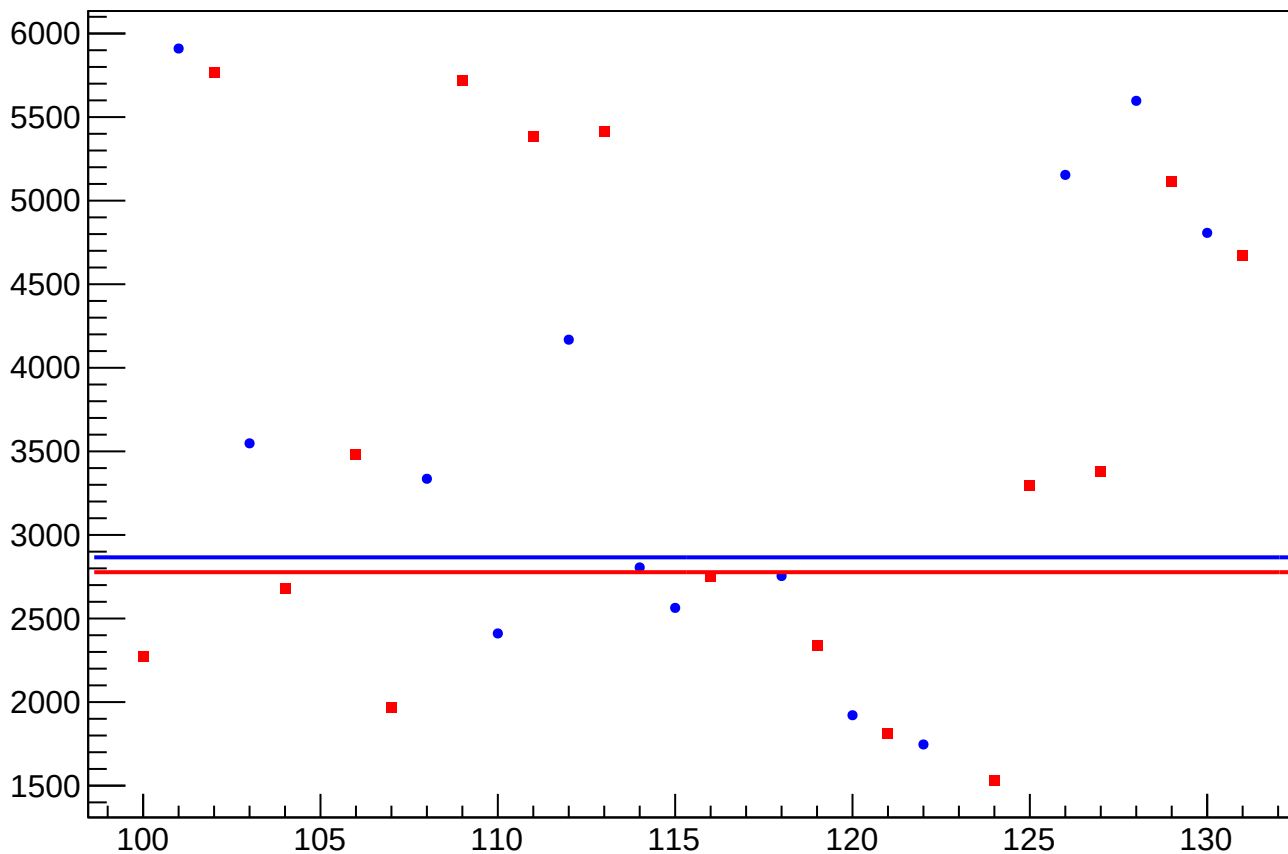
Right: -6.784 ± 0.922 $\chi^2/\text{NDF}: 921.7/28$

In: -5.201 ± 1.373 $\chi^2/\text{NDF}: 437.6/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.784 ± 0.922 $\chi^2/\text{NDF}: 921.7/28$

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2866.024+/-0.971 χ^2/NDF : 1540638.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2777.138+/-0.880 χ^2/NDF : 1959108.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

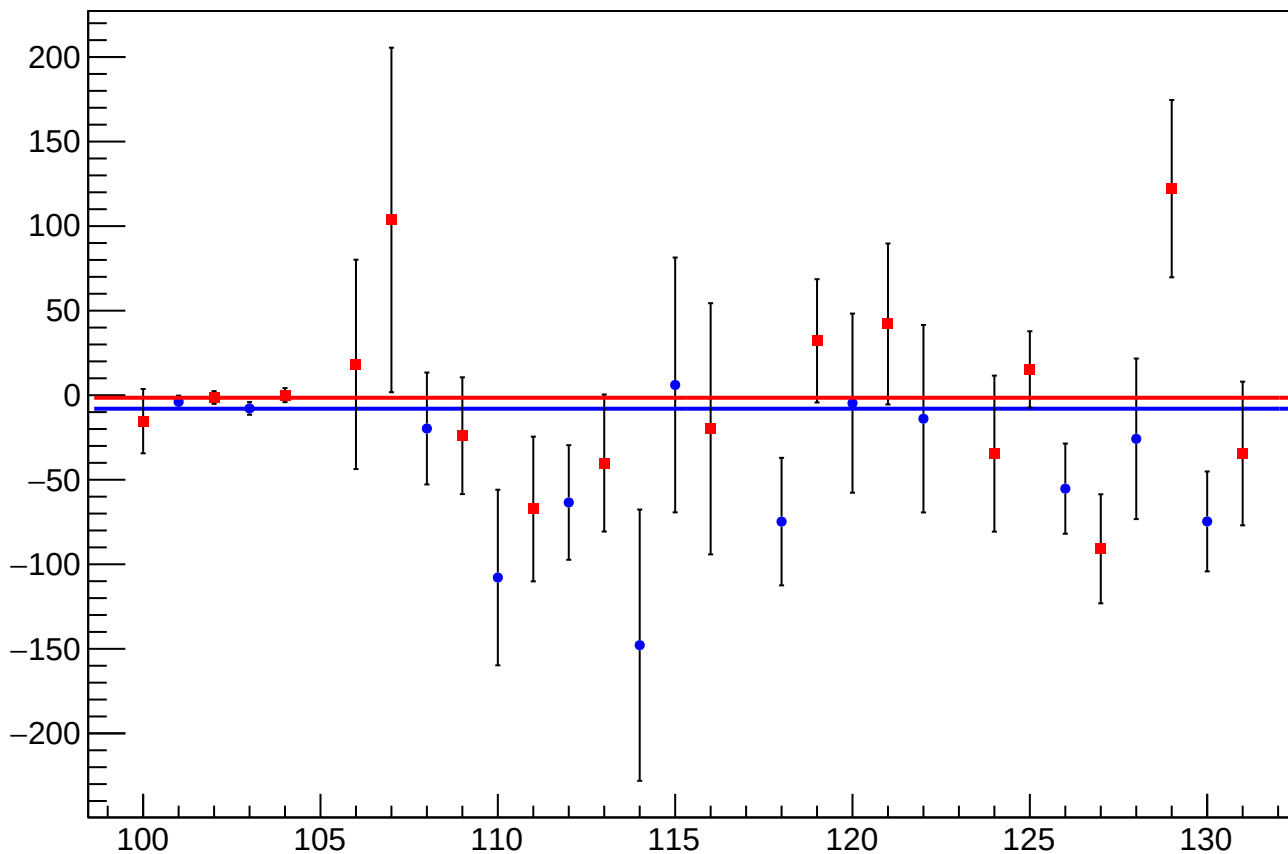
Right: 2817.228+/-0.652 χ^2/NDF : 3504351.6/28

In: 2866.024+/-0.971 χ^2/NDF : 1540638.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2817.228+/-0.652 χ^2/NDF : 3504351.6/28

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.986 ± 2.556 $\chi^2/\text{NDF}: 22.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.508 ± 2.676 $\chi^2/\text{NDF}: 22.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

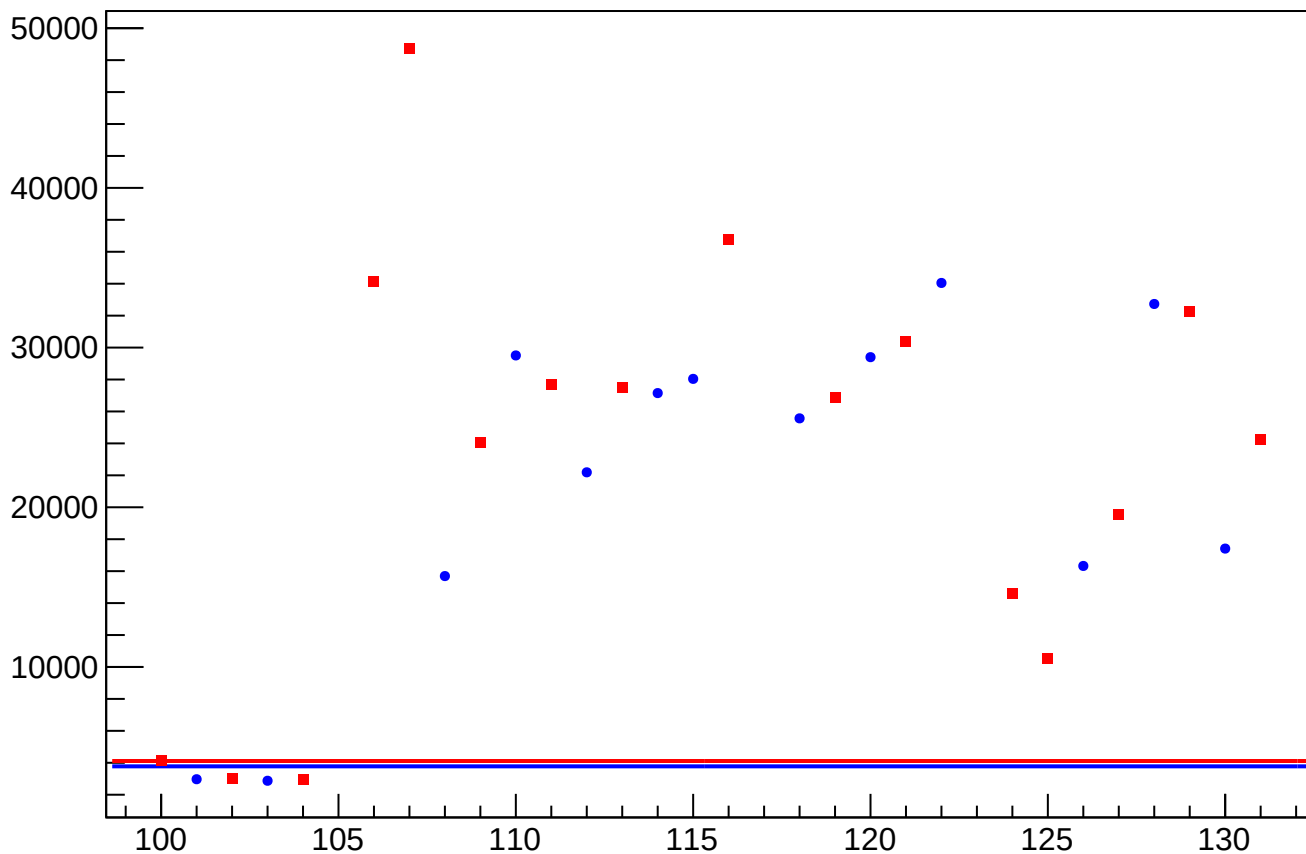
Right: -4.895 ± 1.848 $\chi^2/\text{NDF}: 47.6/28$

In: -7.986 ± 2.556 $\chi^2/\text{NDF}: 22.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.895 ± 1.848 $\chi^2/\text{NDF}: 47.6/28$

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3776.986+/-1.807 χ^2/NDF : 5275719.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4111.637+/-1.892 χ^2/NDF : 6644533.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

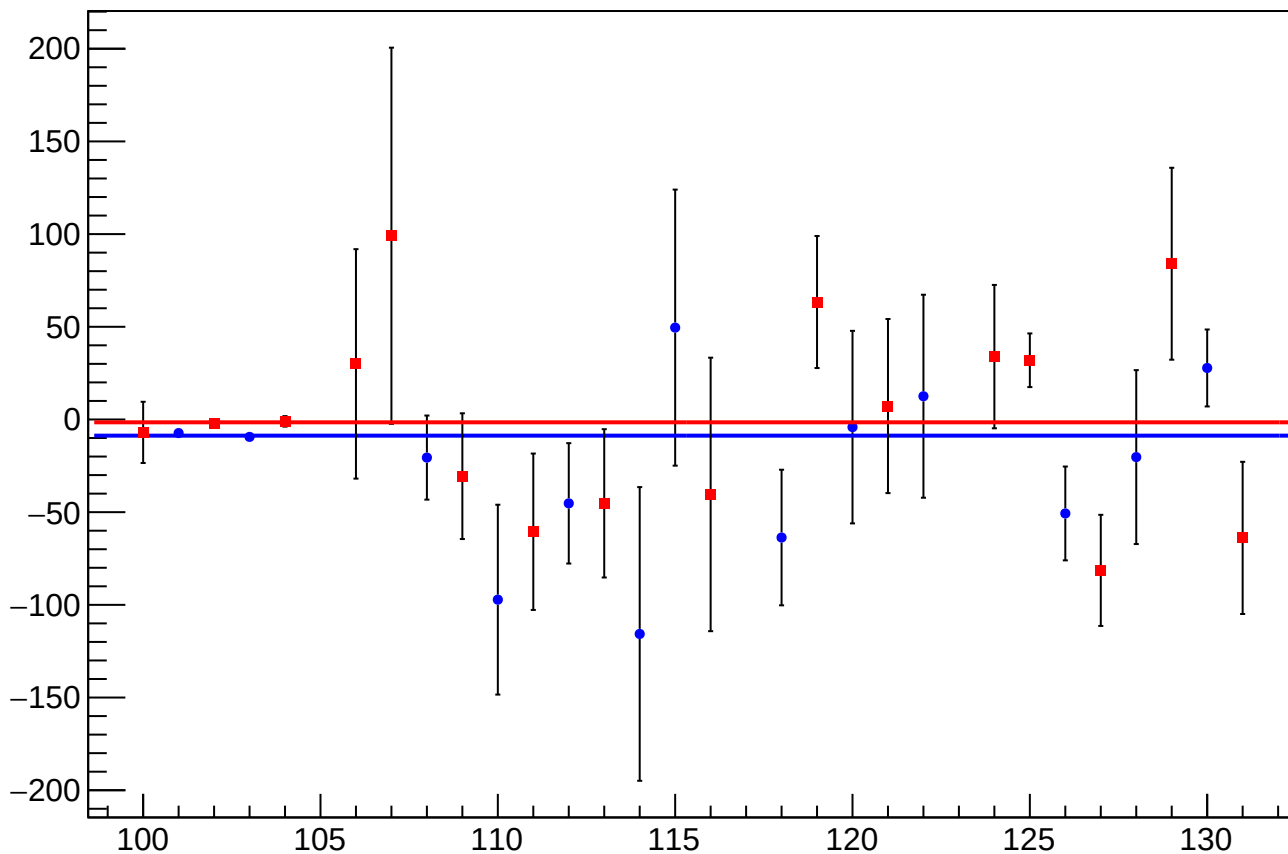
Right: 3936.665+/-1.307 χ^2/NDF : 11936609.5/28

In: 3776.986+/-1.807 χ^2/NDF : 5275719.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3936.665+/-1.307 χ^2/NDF : 11936609.5/28

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.726+/-1.763 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.530+/-1.853 χ^2/NDF : 27.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

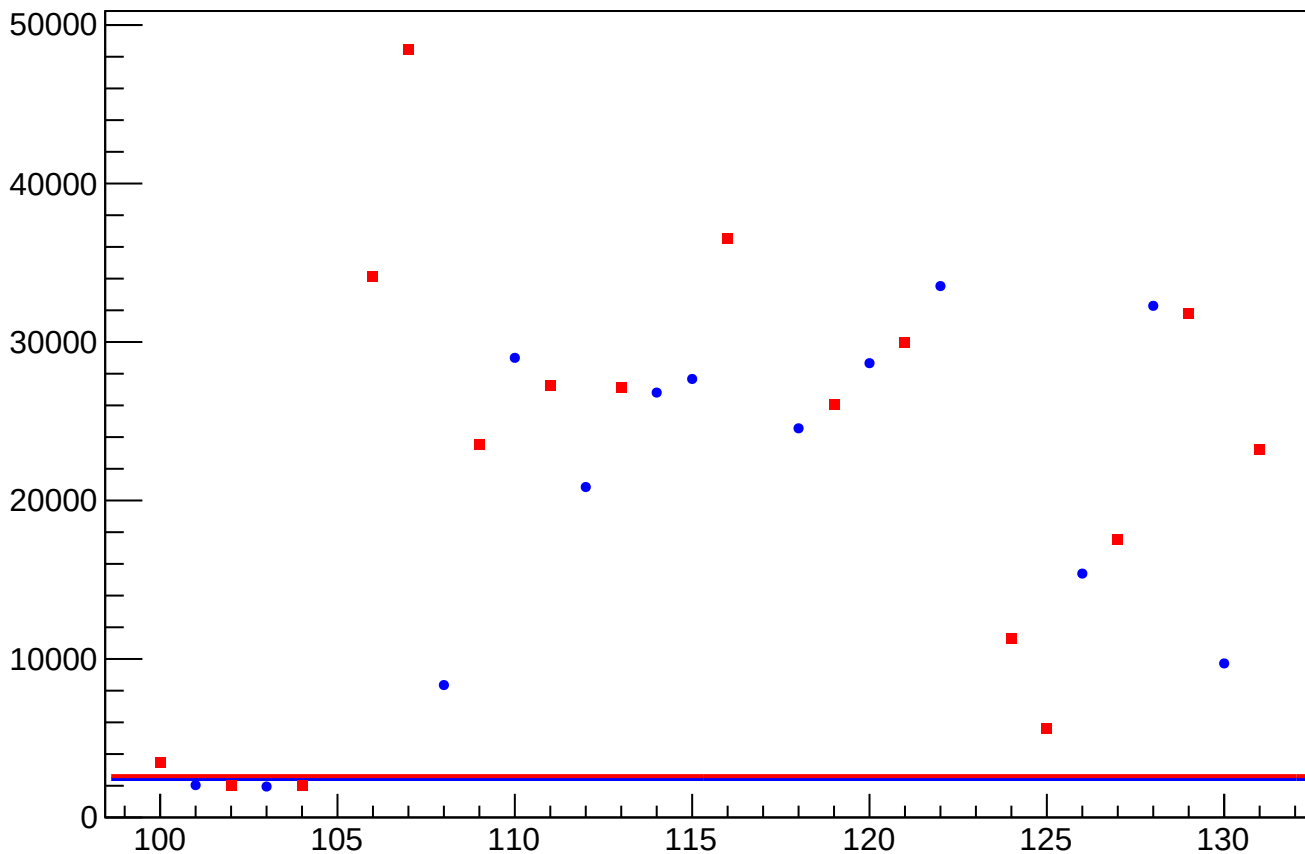
Right: -5.307+/-1.277 χ^2/NDF : 50.9/28

In: -8.726+/-1.763 χ^2/NDF : 15.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.307+/-1.277 χ^2/NDF : 50.9/28

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2427.099+/-1.247 χ^2/NDF : 5325314.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2607.998+/-1.310 χ^2/NDF : 7106646.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

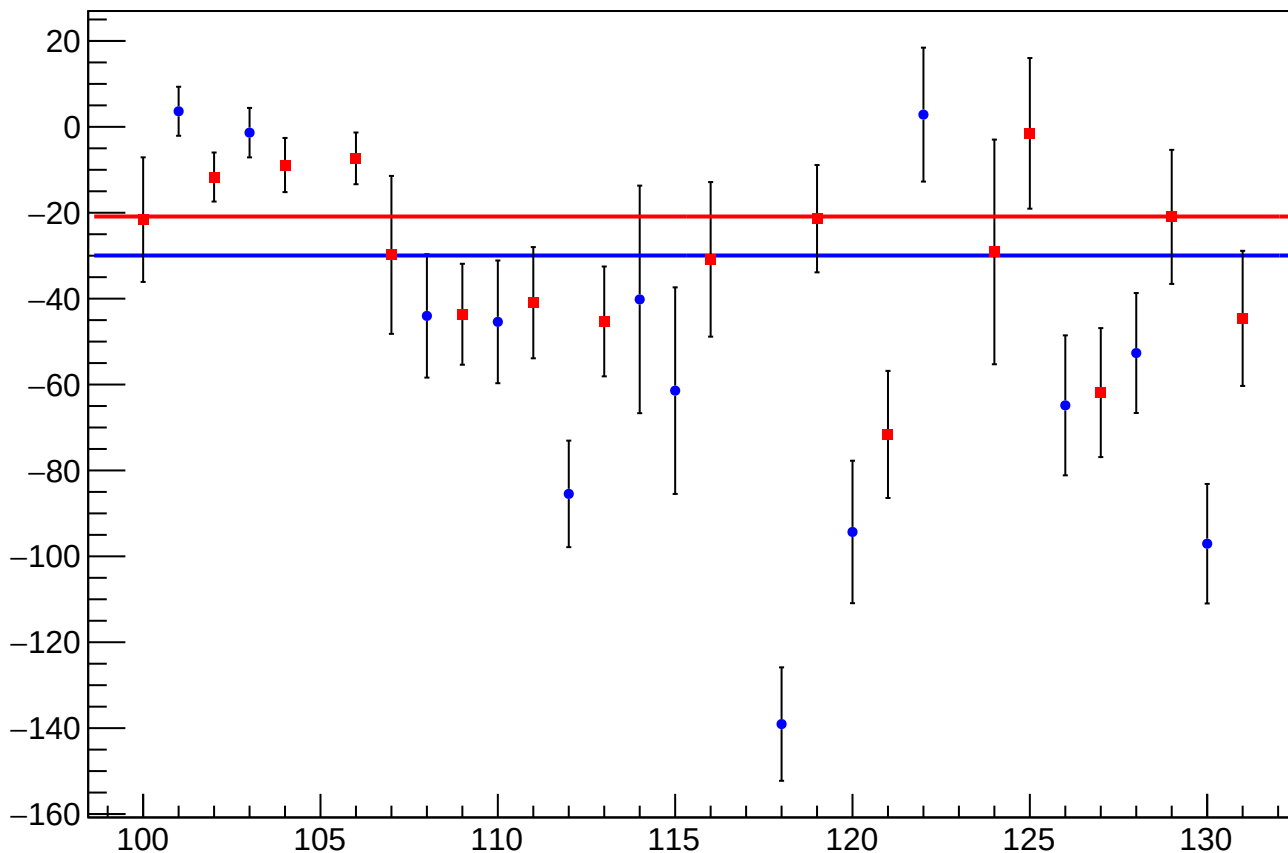
Right: 2513.048+/-0.903 χ^2/NDF : 12441964.1/28

In: 2427.099+/-1.247 χ^2/NDF :5325314.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2513.048+/-0.903 χ^2/NDF : 12441964.1/28

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -29.956+/-3.046 χ^2/NDF : 201.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.875+/-2.656 χ^2/NDF : 44.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

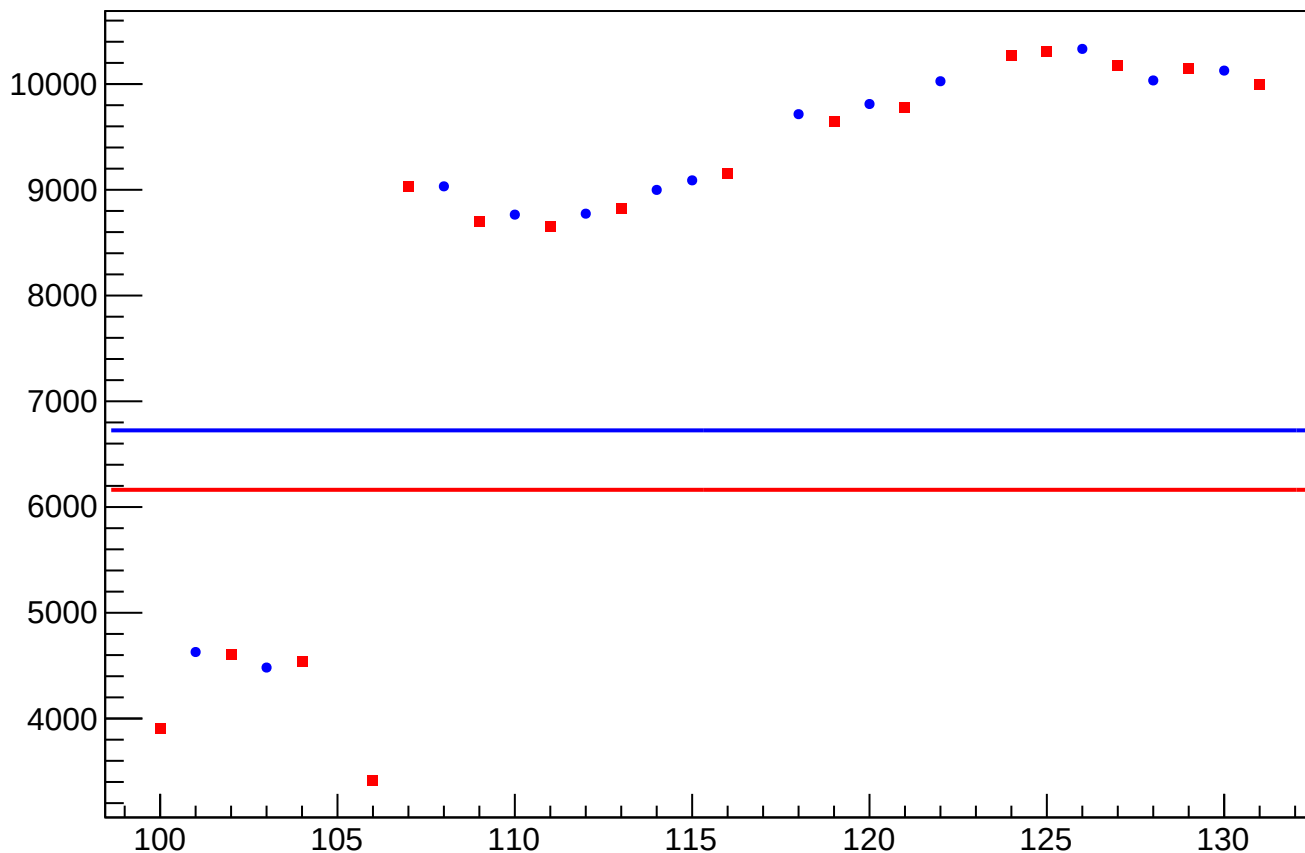
Right: -24.796+/-2.002 χ^2/NDF : 250.9/28

In: -29.956+/-3.046 χ^2/NDF : 201.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.796+/-2.002 χ^2/NDF : 250.9/28

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6725.048+/-2.154 χ^2/NDF : 1345133.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6162.886+/-1.878 χ^2/NDF : 1930934.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

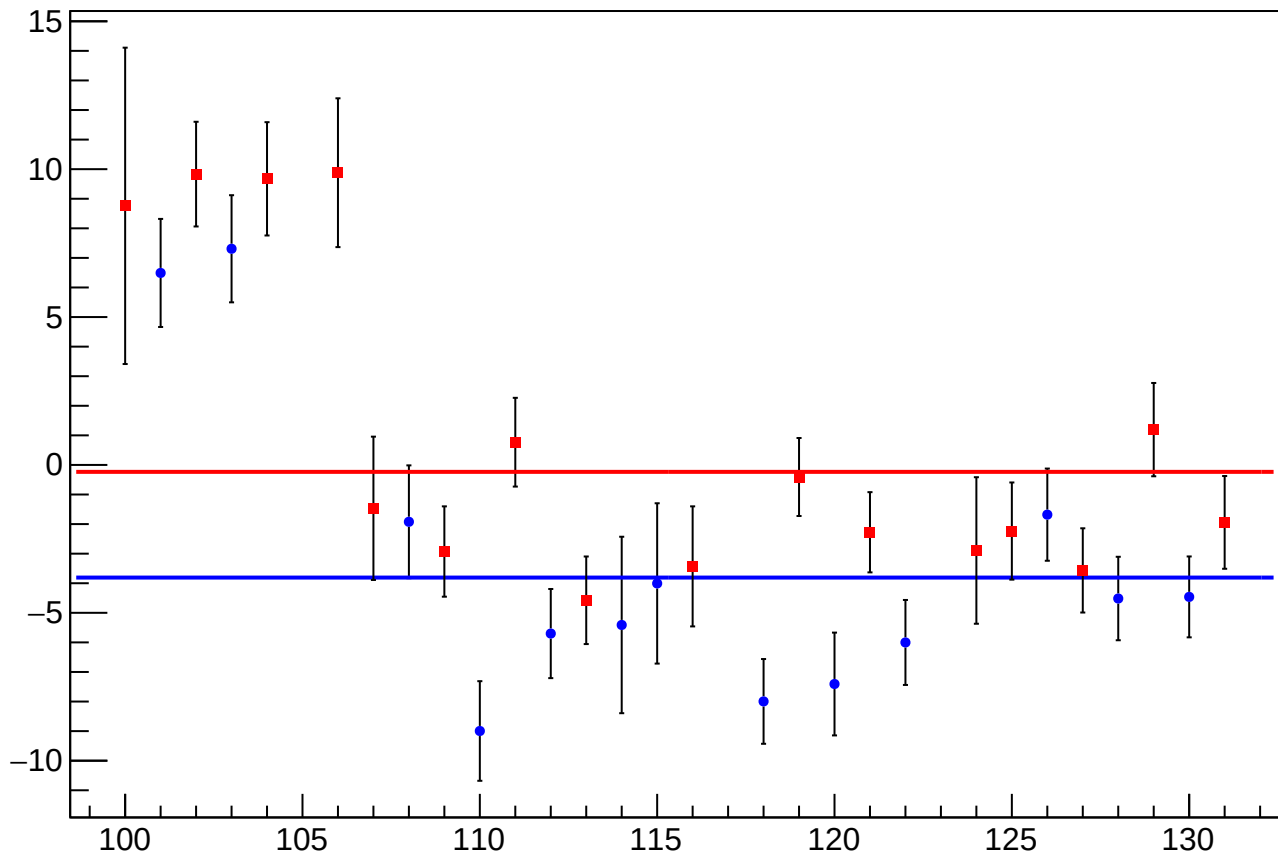
Right: 6405.628+/-1.416 χ^2/NDF : 3314764.6/28

In: 6725.048+/-2.154 χ^2/NDF : 1345133.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6405.628+/-1.416 χ^2/NDF : 3314764.6/28

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.808 ± 0.463 χ^2/NDF : 99.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.234 ± 0.427 χ^2/NDF : 105.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

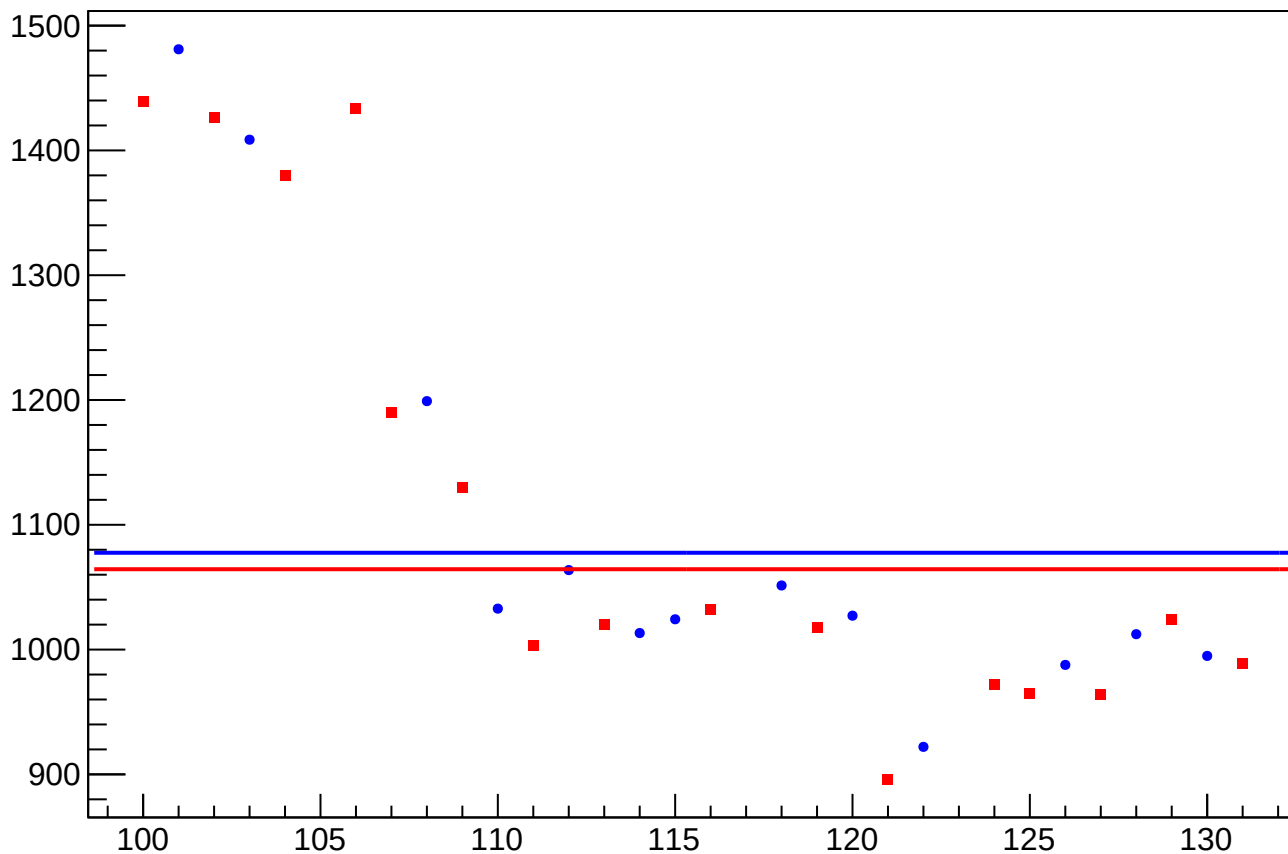
Right: -1.879 ± 0.314 χ^2/NDF : 236.9/28

In: -3.808 ± 0.463 χ^2/NDF : 99.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.879 ± 0.314 χ^2/NDF : 236.9/28

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1077.586+/-0.327 χ^2/NDF : 219762.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1064.396+/-0.302 χ^2/NDF : 265109.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

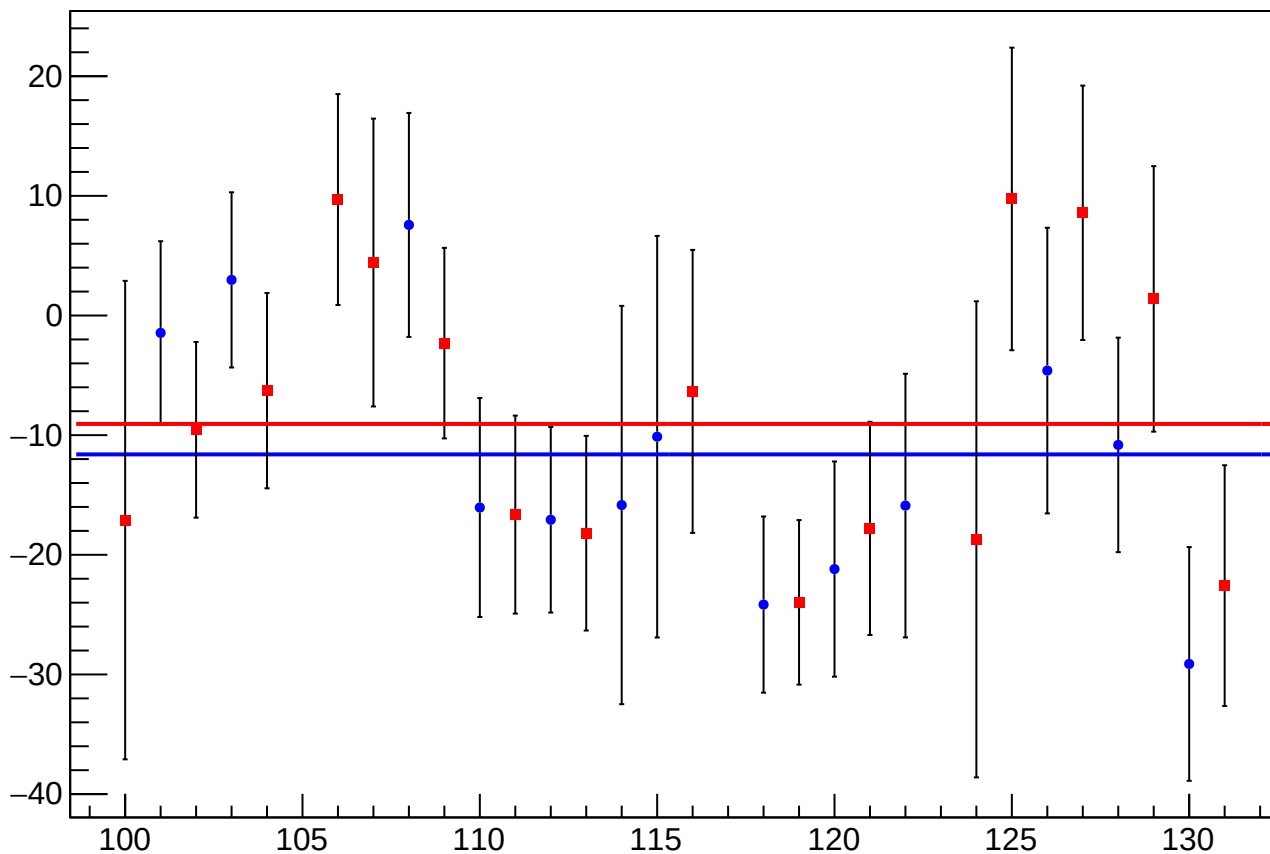
Right: 1070.465+/-0.222 χ^2/NDF : 485750.4/28

In: 1077.586+/-0.327 χ^2/NDF : 219762.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.465+/-0.222 χ^2/NDF : 485750.4/28

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.608+/-2.566 χ^2/NDF : 18.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.063+/-2.371 χ^2/NDF : 22.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

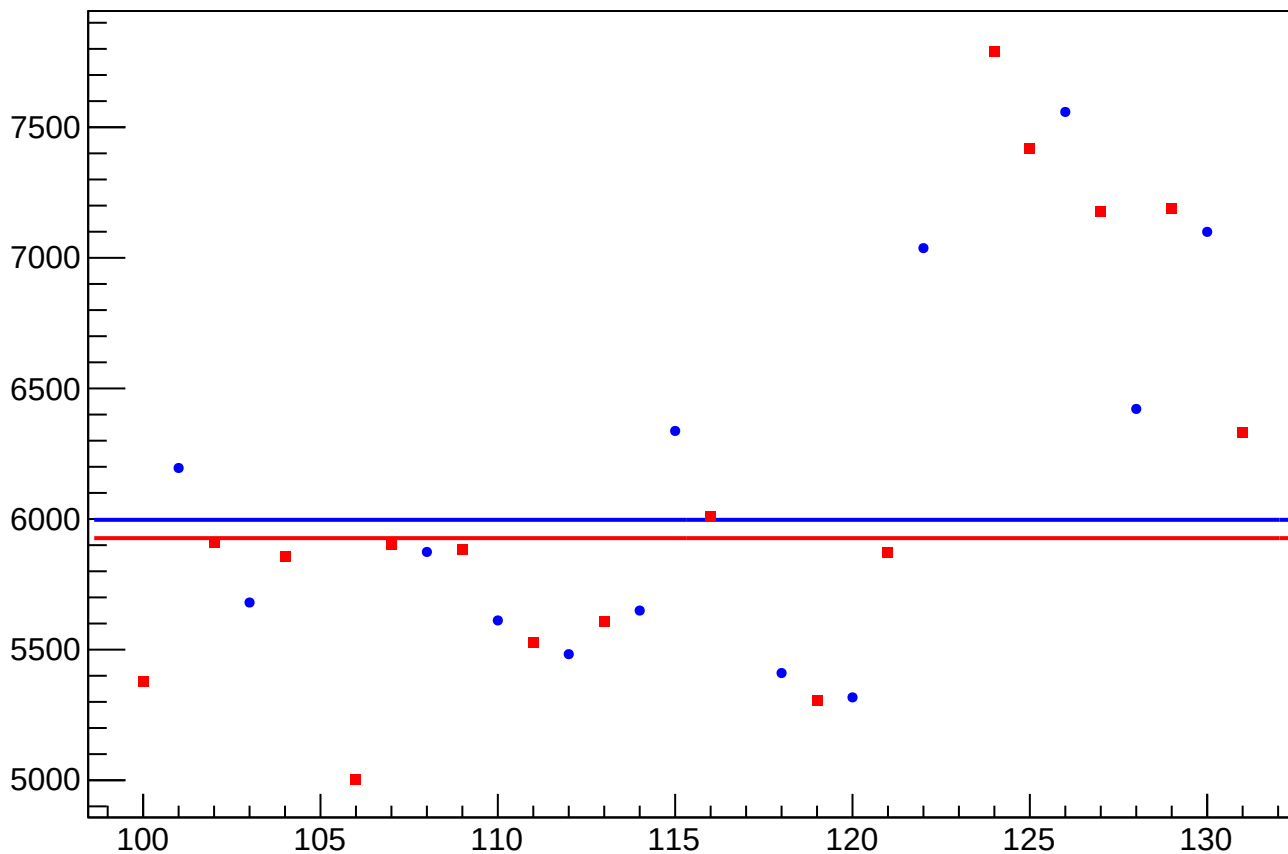
Right: -10.235+/-1.742 χ^2/NDF : 41.5/28

In: -11.608+/-2.566 χ^2/NDF : 18.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.235+/-1.742 χ^2/NDF : 41.5/28

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5997.059+/-1.815 χ^2/NDF : 125606.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5926.907+/-1.677 χ^2/NDF : 150007.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

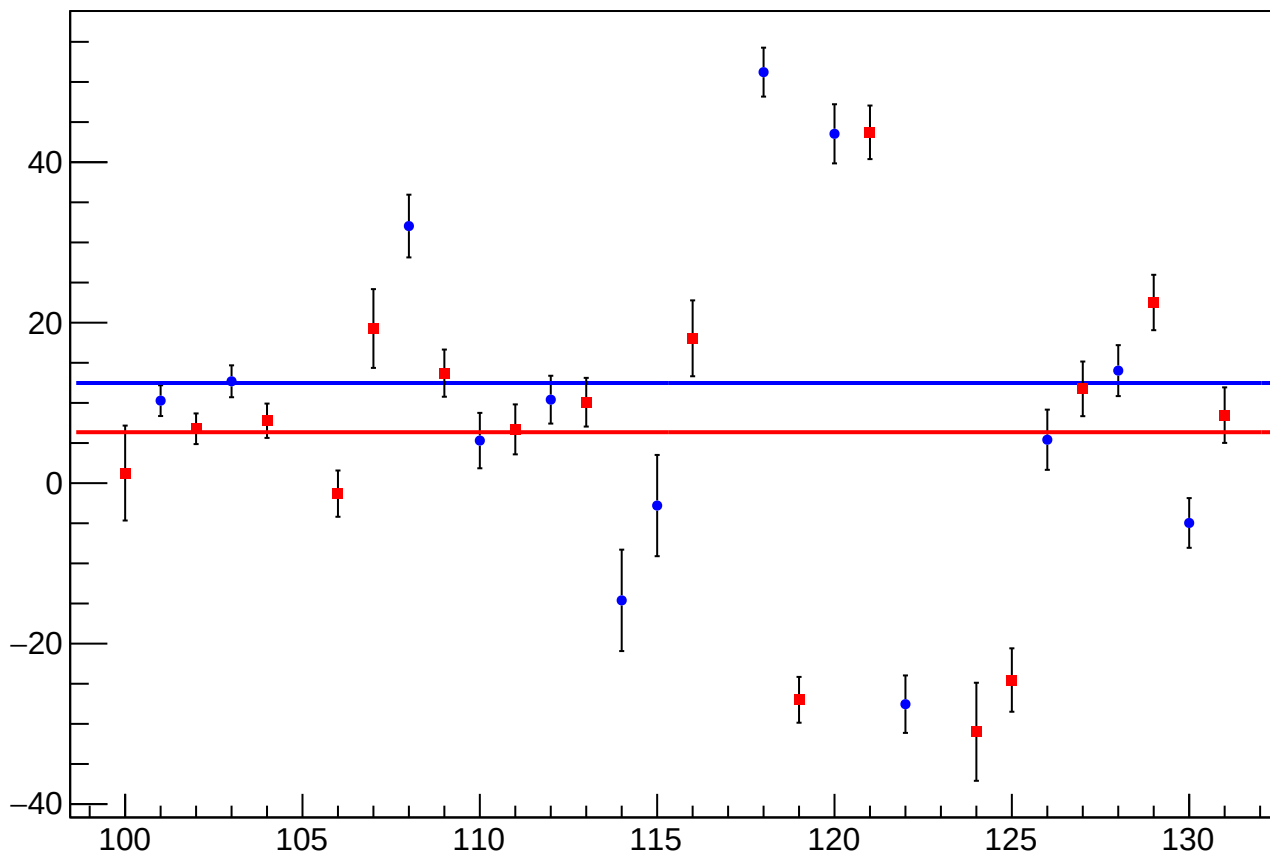
Right: 5959.213+/-1.231 χ^2/NDF : 276420.2/28

In: 5997.059+/-1.815 χ^2/NDF : 125606.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5959.213+/-1.231 χ^2/NDF : 276420.2/28

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 12.482+/-0.854 χ^2/NDF : 448.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.350+/-0.788 χ^2/NDF : 414.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

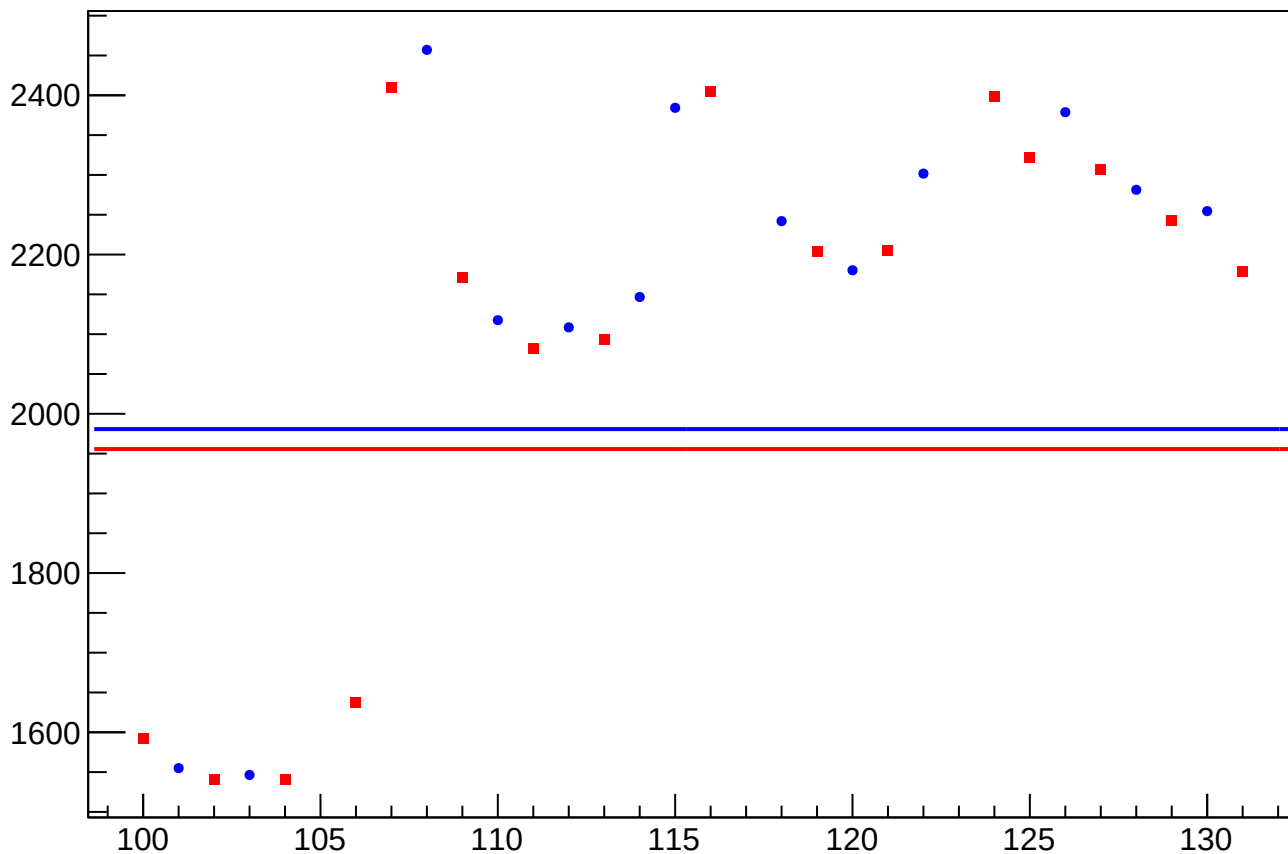
Right: 9.168+/-0.579 χ^2/NDF : 890.4/28

In: 12.482+/-0.854 χ^2/NDF : 448.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.168+/-0.579 χ^2/NDF : 890.4/28

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1980.779+/-0.604 χ^2/NDF : 332829.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1955.711+/-0.557 χ^2/NDF : 352249.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

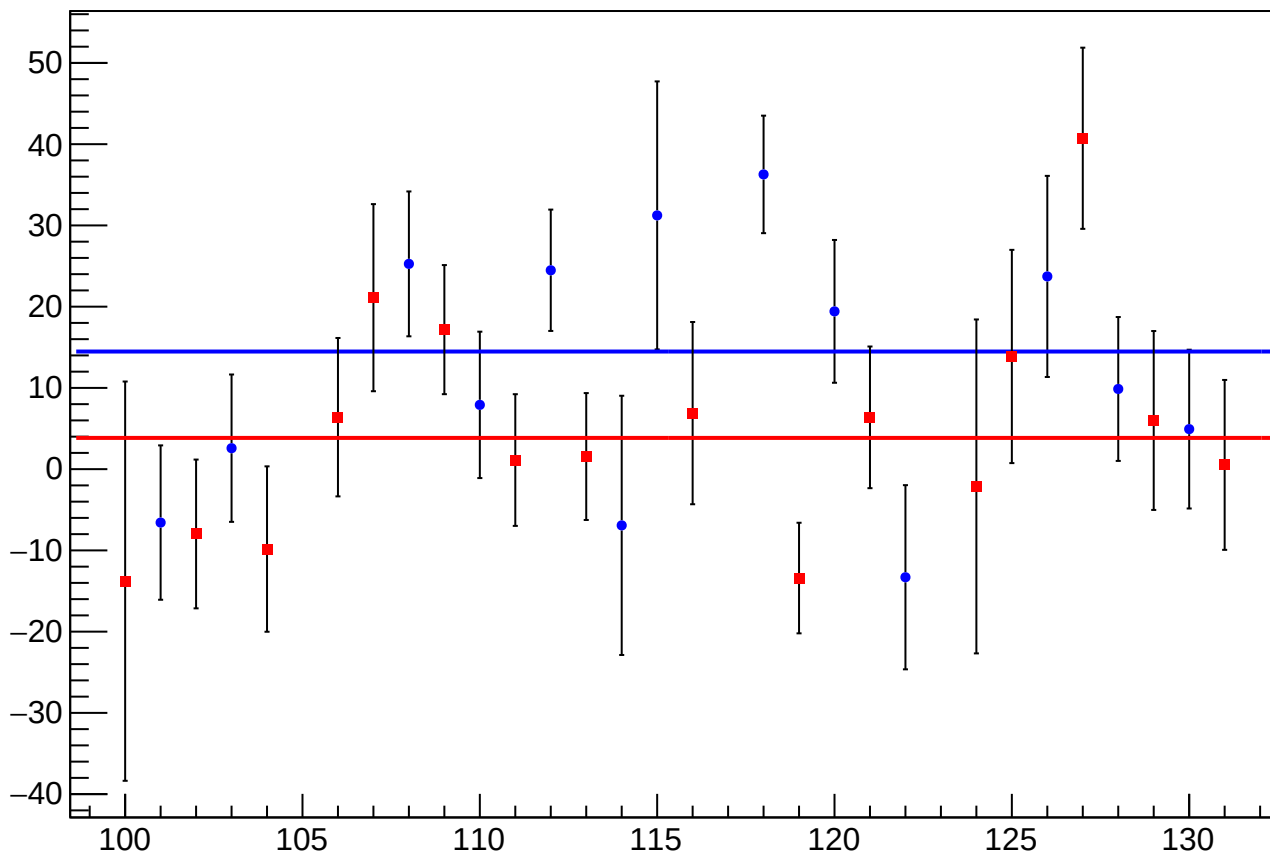
Right: 1967.232+/-0.409 χ^2/NDF : 686009.4/28

In: 1980.779+/-0.604 χ^2/NDF : 332829.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1967.232+/-0.409 χ^2/NDF : 686009.4/28

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.478 $\pm$ 2.642 χ^2 /NDF: 30.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.846 $\pm$ 2.461 χ^2 /NDF: 27.6/15

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

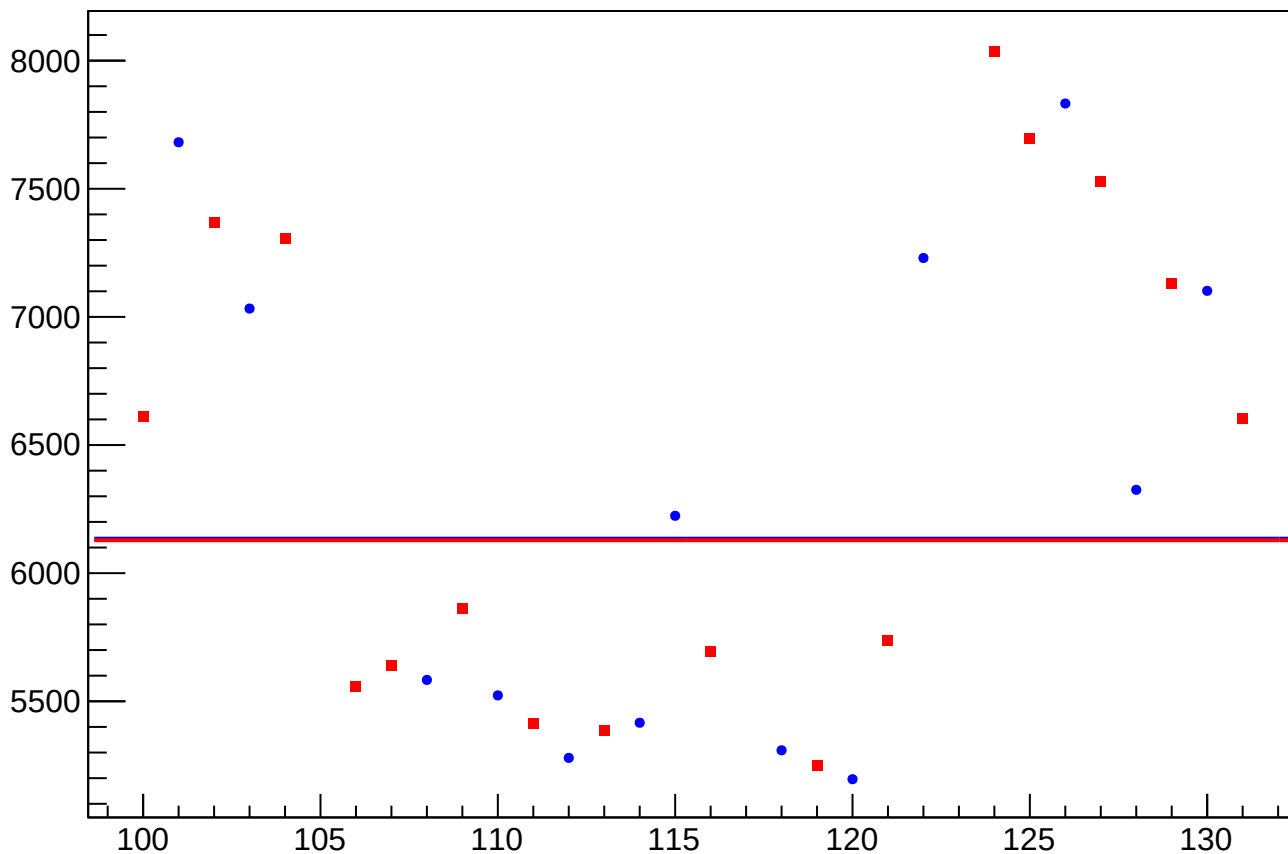
Right: 8.786 $\pm$ 1.801 χ^2 /NDF: 66.8/28

In: 14.478 $\pm$ 2.642 χ^2 /NDF: 30.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.786 $\pm$ 1.801 χ^2 /NDF: 66.8/28

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6134.465+/-1.868 χ^2/NDF : 245578.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6128.583+/-1.740 χ^2/NDF : 248880.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

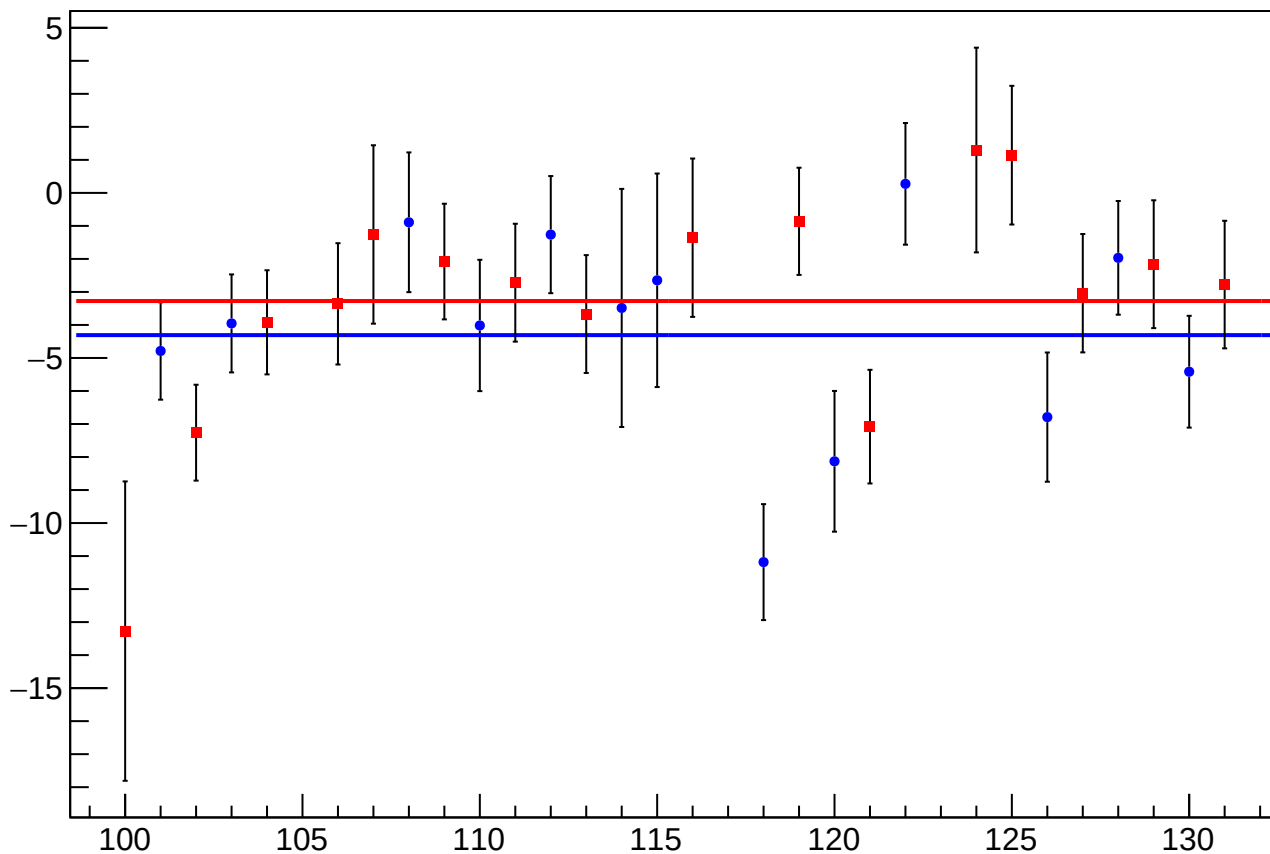
Right: 6131.316+/-1.273 χ^2/NDF : 494464.5/28

In: 6134.465+/-1.868 χ^2/NDF : 245578.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6131.316+/-1.273 χ^2/NDF : 494464.5/28

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.308 ± 0.522 χ^2/NDF : 34.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.275 ± 0.478 χ^2/NDF : 28.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

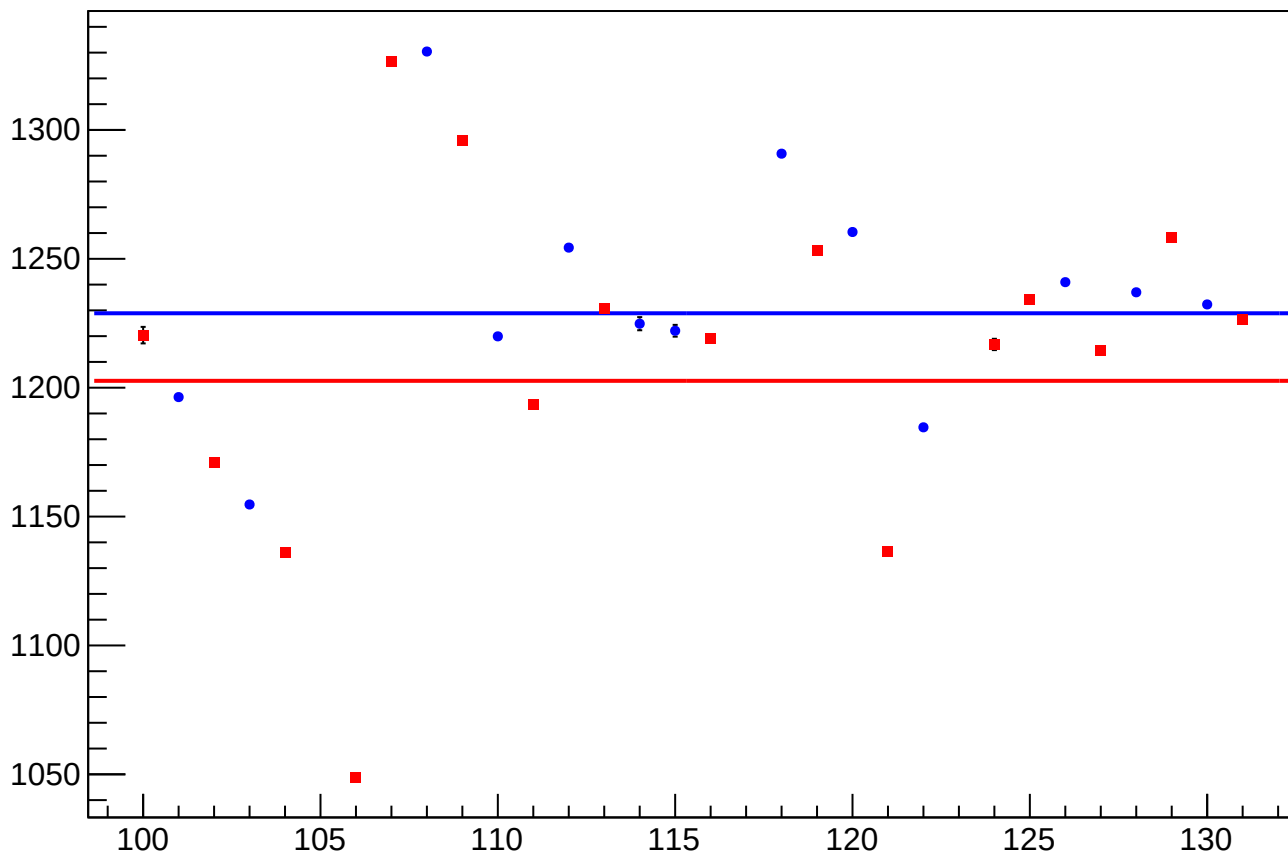
Right: -3.746 ± 0.353 χ^2/NDF : 65.3/28

In: -4.308 ± 0.522 χ^2/NDF : 34.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.746 ± 0.353 χ^2/NDF : 65.3/28

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1228.875 $\pm$ 0.369 χ^2 /NDF: 15244.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1202.664 $\pm$ 0.338 χ^2 /NDF: 36534.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

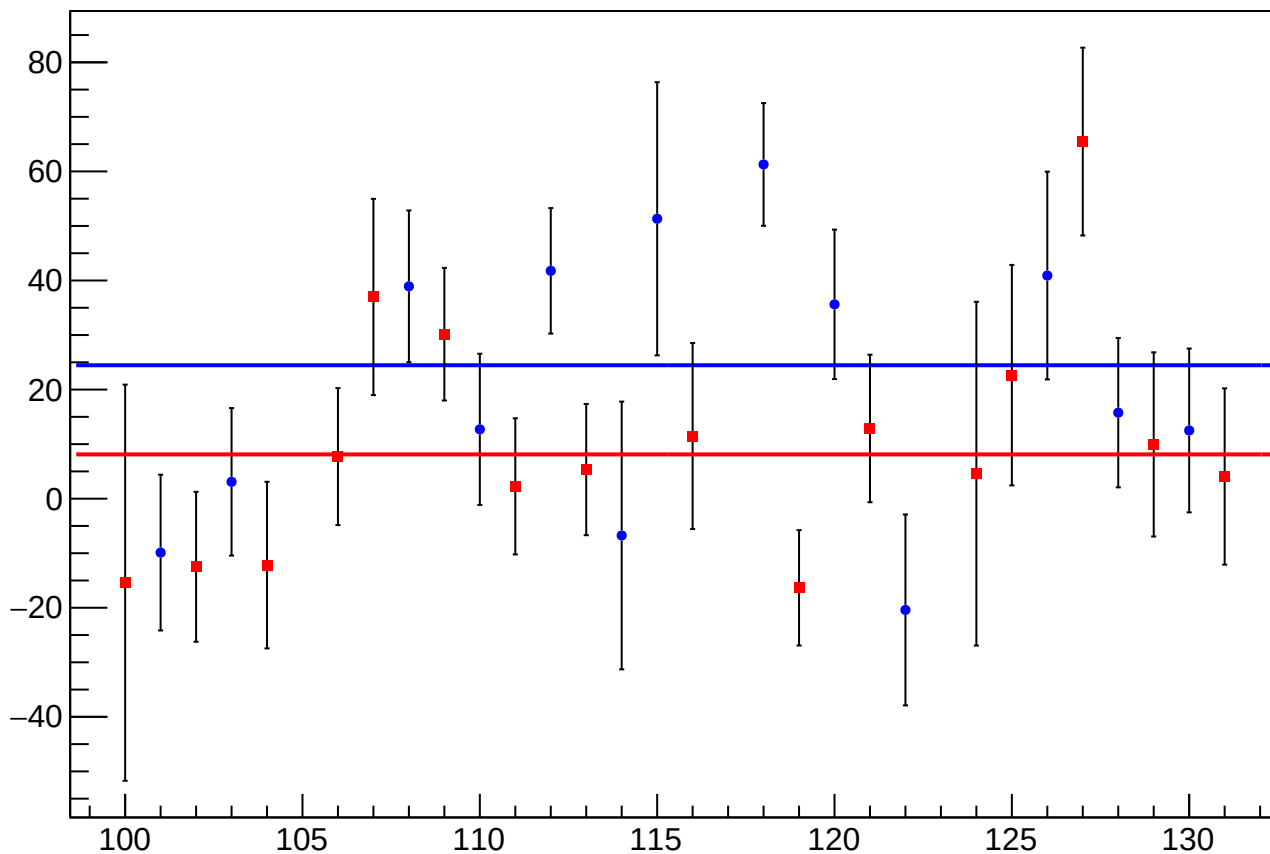
Right: 1214.608 $\pm$ 0.249 χ^2 /NDF: 54521.0/28

In: 1228.875 $\pm$ 0.369 χ^2 /NDF:15244.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1214.608 $\pm$ 0.249 χ^2 /NDF: 54521.0/28

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.462 $\pm$ 4.063 χ^2 /NDF: 34.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.119 $\pm$ 3.730 χ^2 /NDF: 27.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

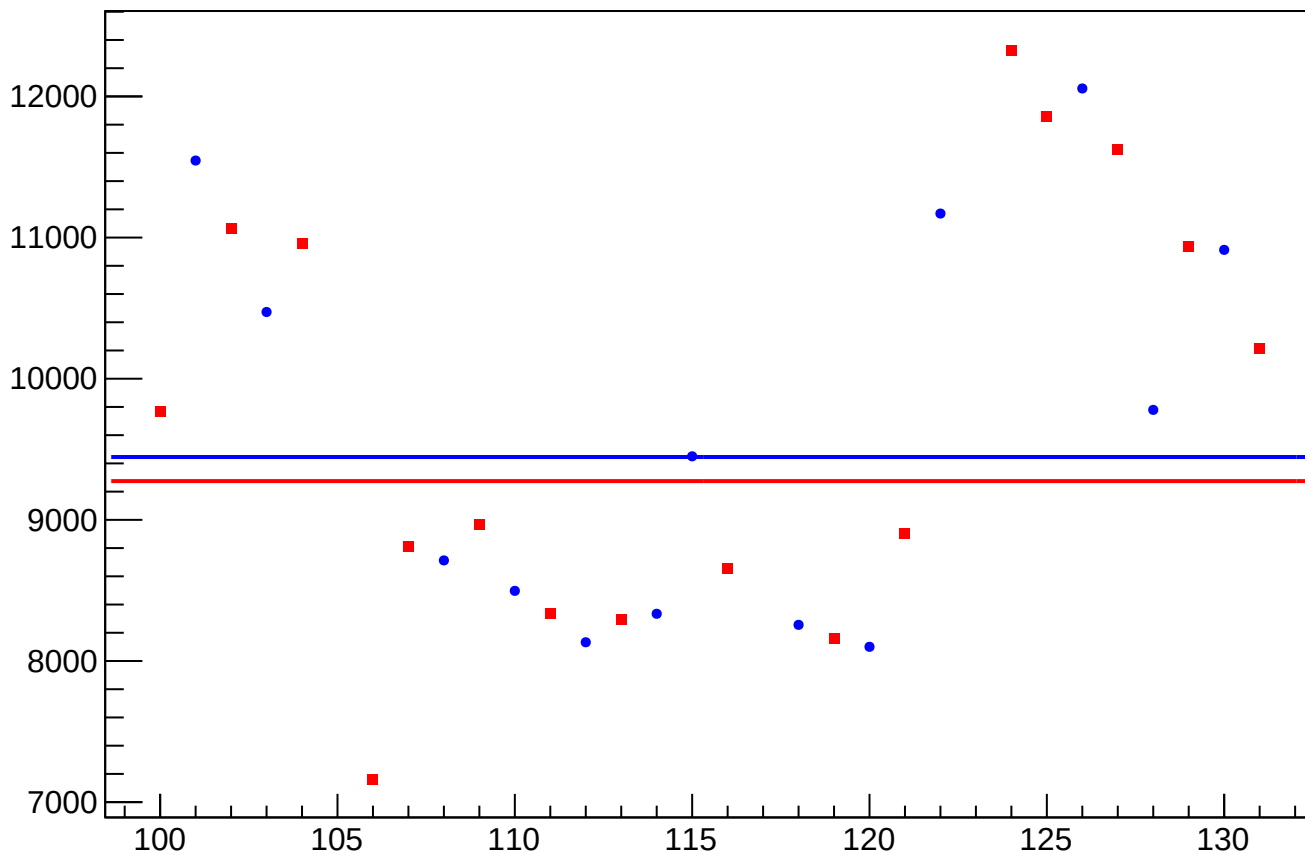
Right: 15.593 $\pm$ 2.748 χ^2 /NDF: 71.4/28

In: 24.462 $\pm$ 4.063 χ^2 /NDF:34.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.593 $\pm$ 2.748 χ^2 /NDF: 71.4/28

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9445.244+/-2.873 χ^2/NDF : 218789.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9274.607+/-2.637 χ^2/NDF : 283636.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

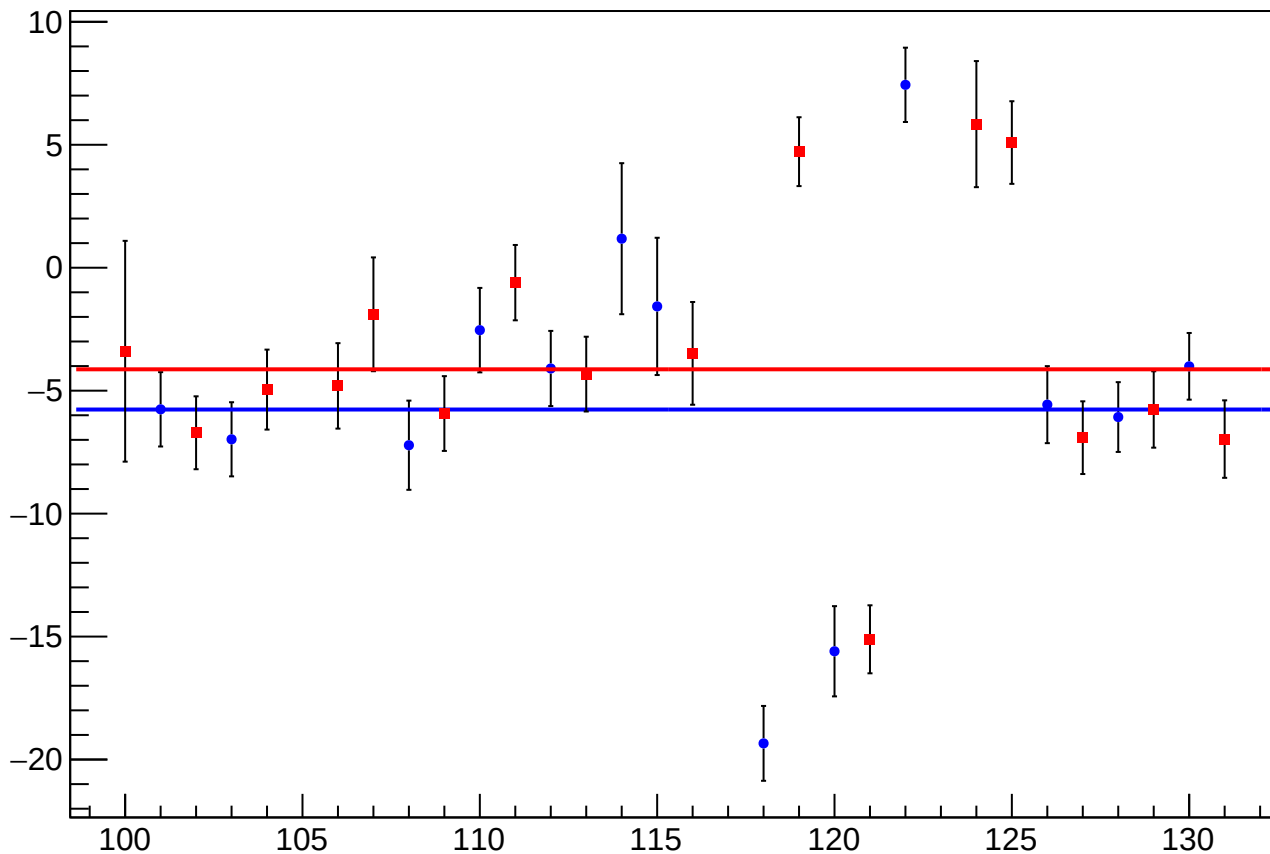
Right: 9352.643+/-1.943 χ^2/NDF : 504340.3/28

In: 9445.244+/-2.873 χ^2/NDF : 218789.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9352.643+/-1.943 χ^2/NDF : 504340.3/28

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.767 ± 0.457 χ^2/NDF : 199.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.131 ± 0.418 χ^2/NDF : 167.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

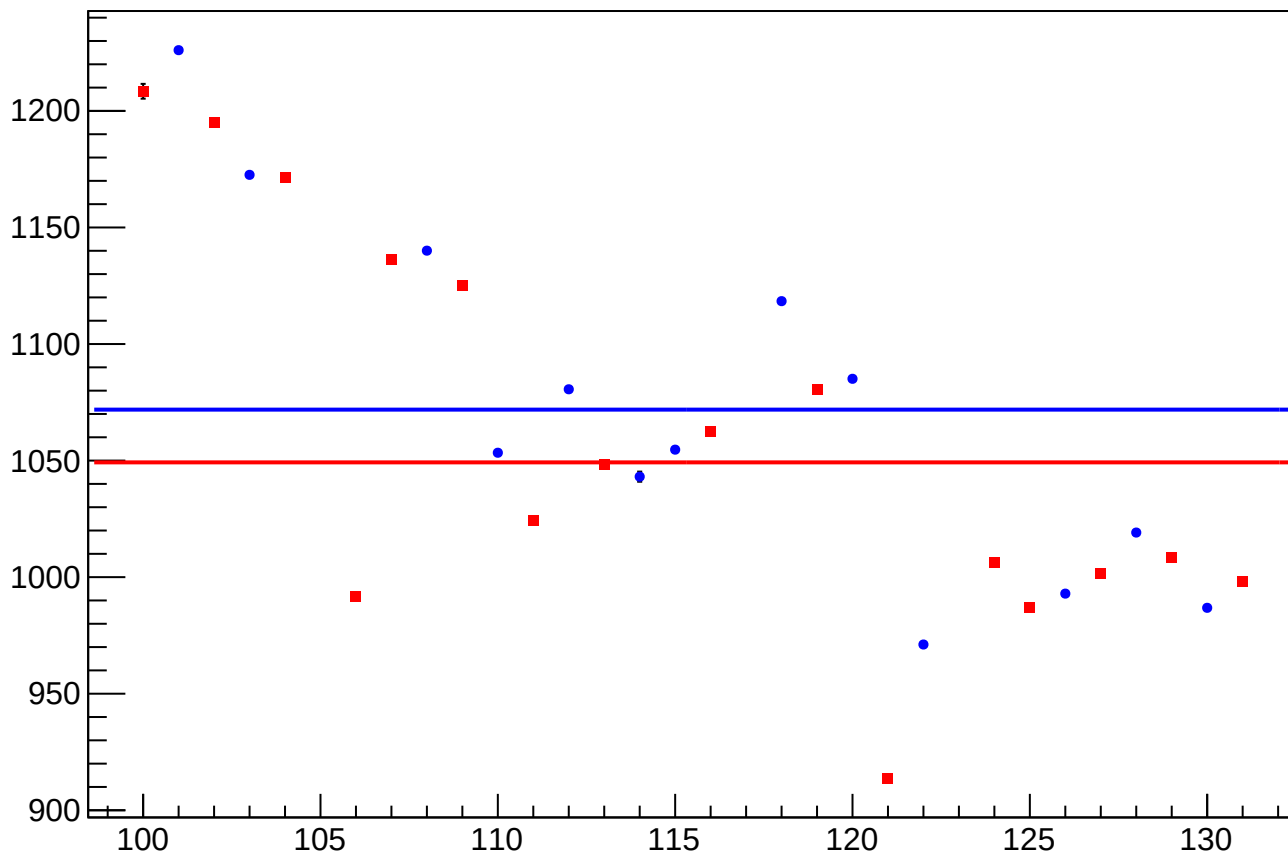
Right: -4.876 ± 0.308 χ^2/NDF : 374.1/28

In: -5.767 ± 0.457 χ^2/NDF : 199.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.876 ± 0.308 χ^2/NDF : 374.1/28

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1071.863+/-0.323 χ^2/NDF : 59678.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1049.236+/-0.295 χ^2/NDF : 72888.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

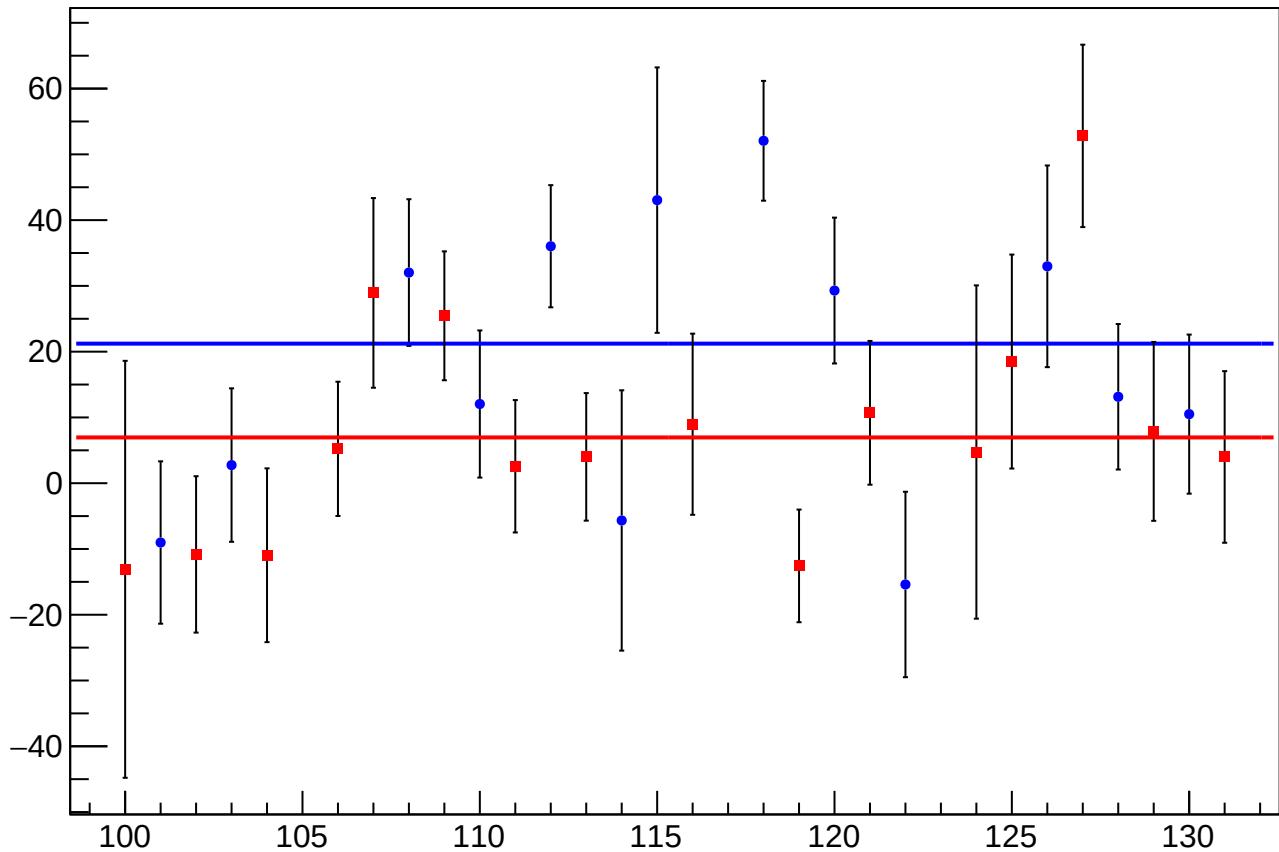
Right: 1059.542+/-0.218 χ^2/NDF : 135241.5/28

In: 1071.863+/-0.323 χ^2/NDF : 59678.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.542+/-0.218 χ^2/NDF : 135241.5/28

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.221+/-3.315 χ^2/NDF : 36.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.960+/-3.040 χ^2/NDF : 27.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

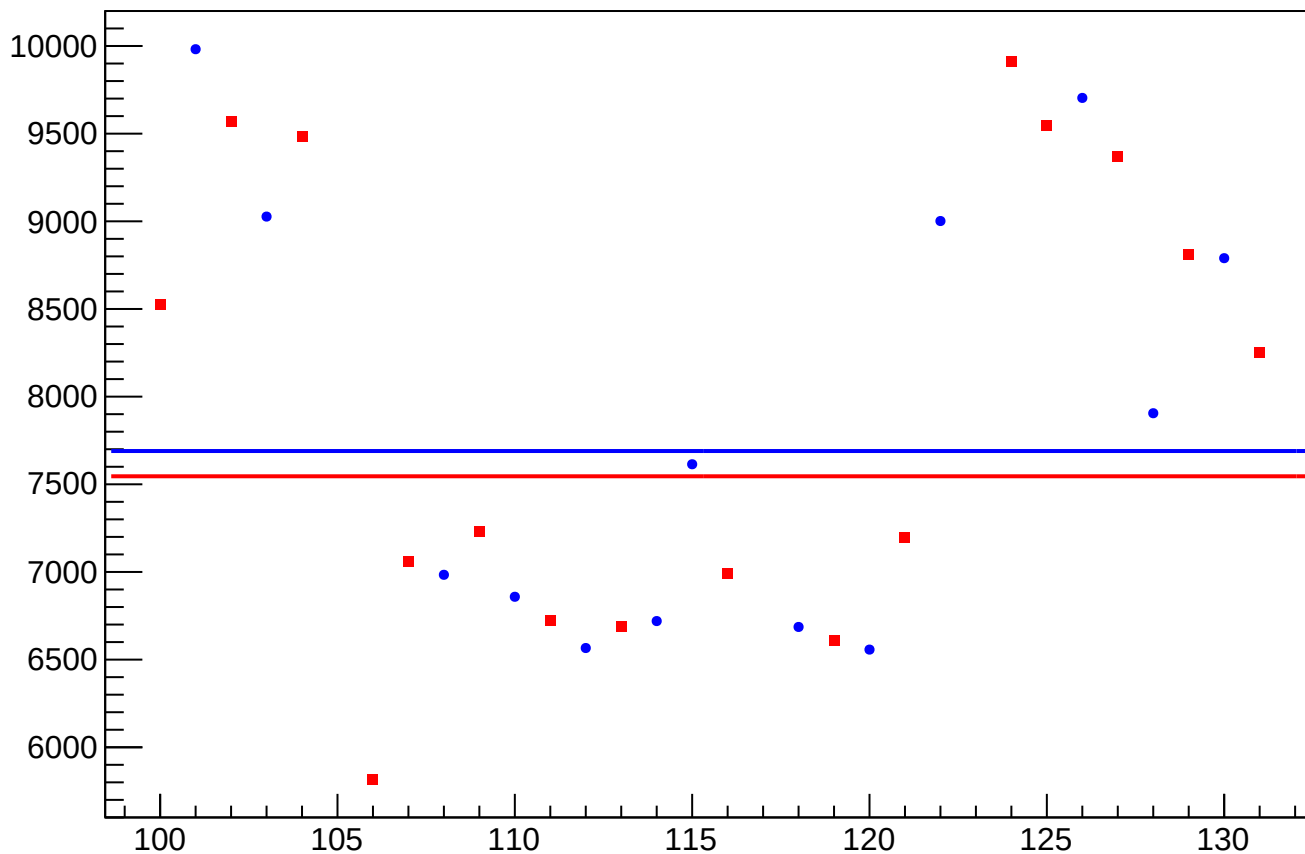
Right: 13.475+/-2.240 χ^2/NDF : 73.9/28

In: 21.221+/-3.315 χ^2/NDF : 36.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.475+/-2.240 χ^2/NDF : 73.9/28

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7689.799+/-2.344 χ^2/NDF : 262652.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7545.709+/-2.149 χ^2/NDF : 328180.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

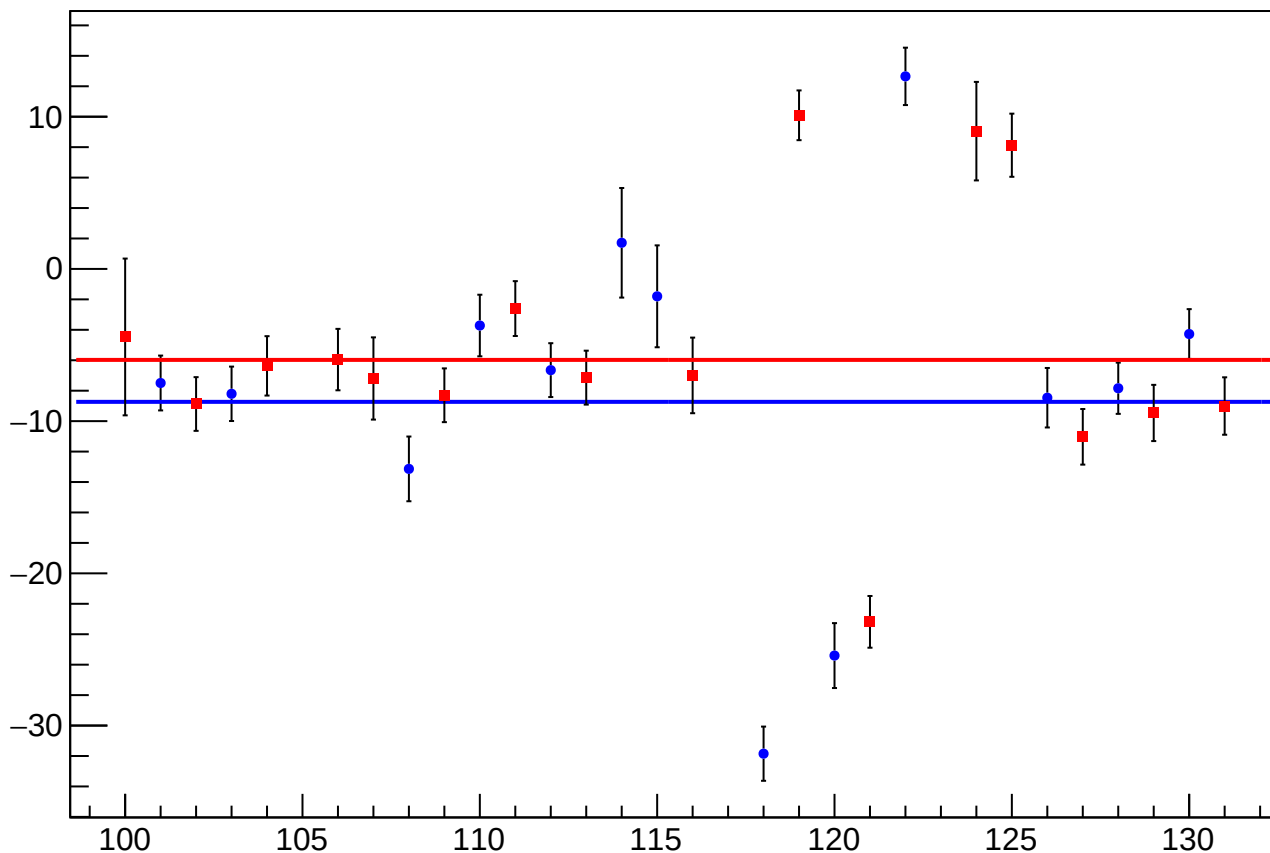
Right: 7611.535+/-1.584 χ^2/NDF : 592886.8/28

In: 7689.799+/-2.344 χ^2/NDF : 262652.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7611.535+/-1.584 χ^2/NDF : 592886.8/28

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -8.733+/-0.544 χ^2/NDF : 391.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.977+/-0.498 χ^2/NDF : 289.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

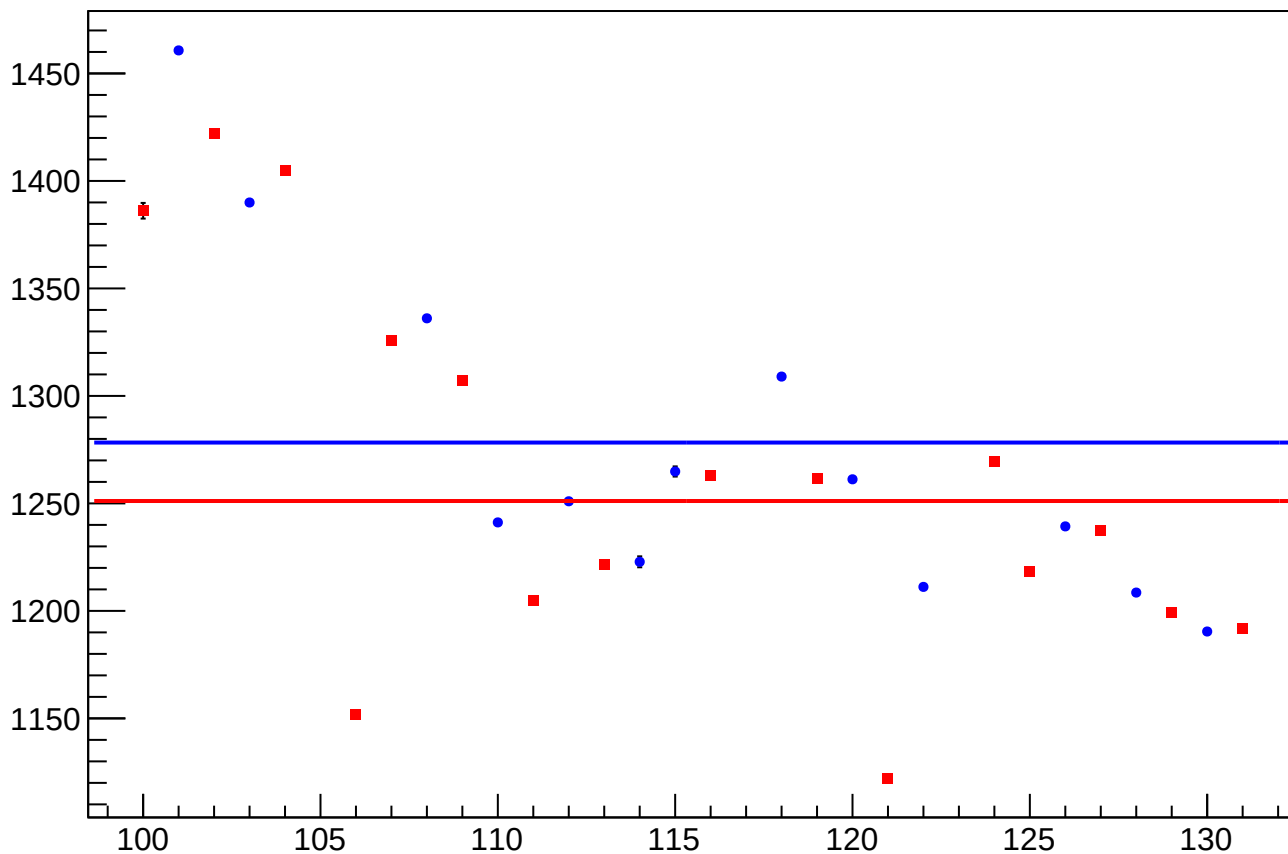
Right: -7.233+/-0.367 χ^2/NDF : 694.9/28

In: -8.733+/-0.544 χ^2/NDF : 391.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.233+/-0.367 χ^2/NDF : 694.9/28

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1278.305+/-0.385 χ^2/NDF : 44716.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.114+/-0.352 χ^2/NDF : 58790.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

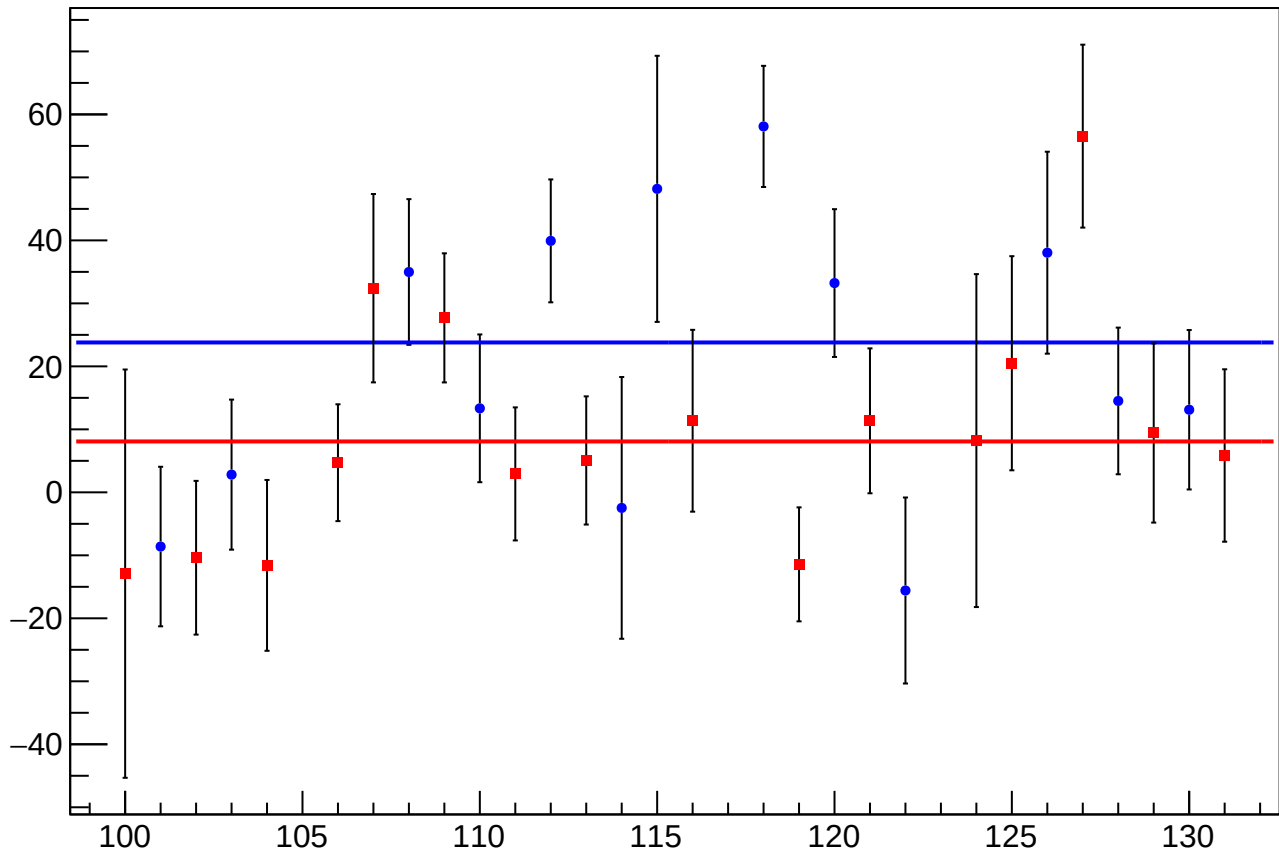
Right: 1263.502+/-0.260 χ^2/NDF : 106226.0/28

In: 1278.305+/-0.385 χ^2/NDF : 44716.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.502+/-0.260 χ^2/NDF : 106226.0/28

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 23.793+/-3.466 χ^2/NDF : 39.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.079+/-3.134 χ^2/NDF : 28.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

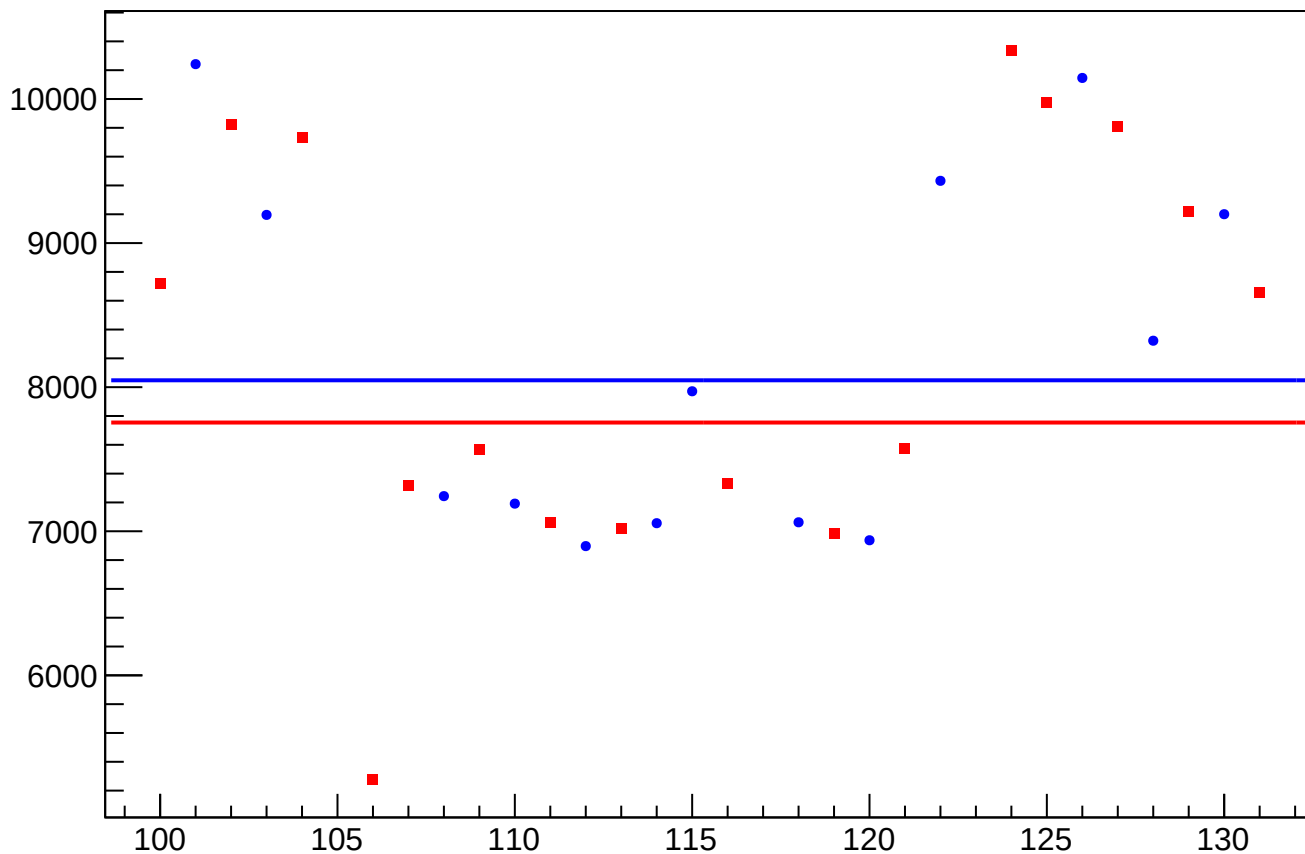
Right: 15.148+/-2.324 χ^2/NDF : 79.0/28

In: 23.793+/-3.466 χ^2/NDF : 39.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.148+/-2.324 χ^2/NDF : 79.0/28

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8047.731+/-2.450 χ^2/NDF : 239798.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7754.563+/-2.216 χ^2/NDF : 406375.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

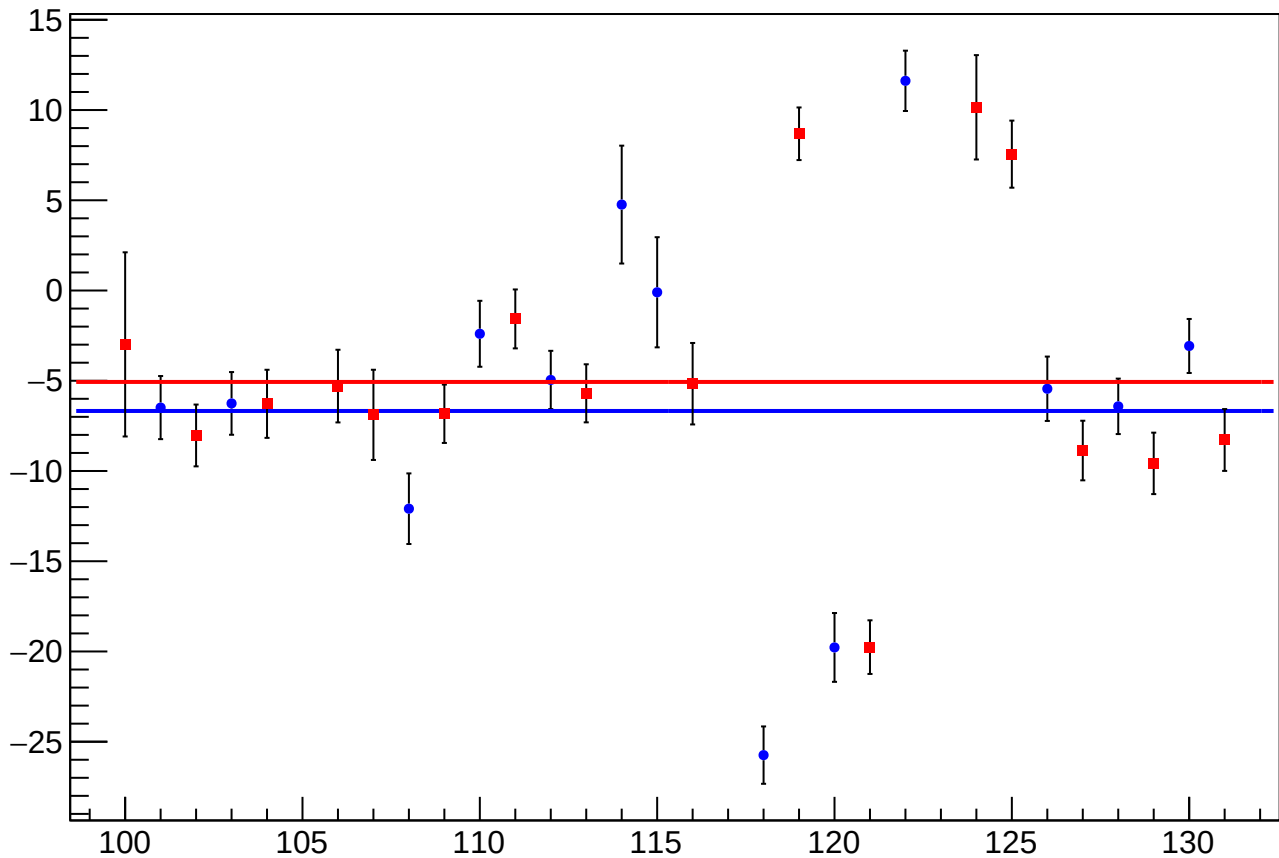
Right: 7886.447+/-1.644 χ^2/NDF : 654048.8/28

In: 8047.731+/-2.450 χ^2/NDF : 239798.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7886.447+/-1.644 χ^2/NDF : 654048.8/28

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.674 $\pm$ 0.499 χ^2 /NDF: 348.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.066 $\pm$ 0.457 χ^2 /NDF: 286.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

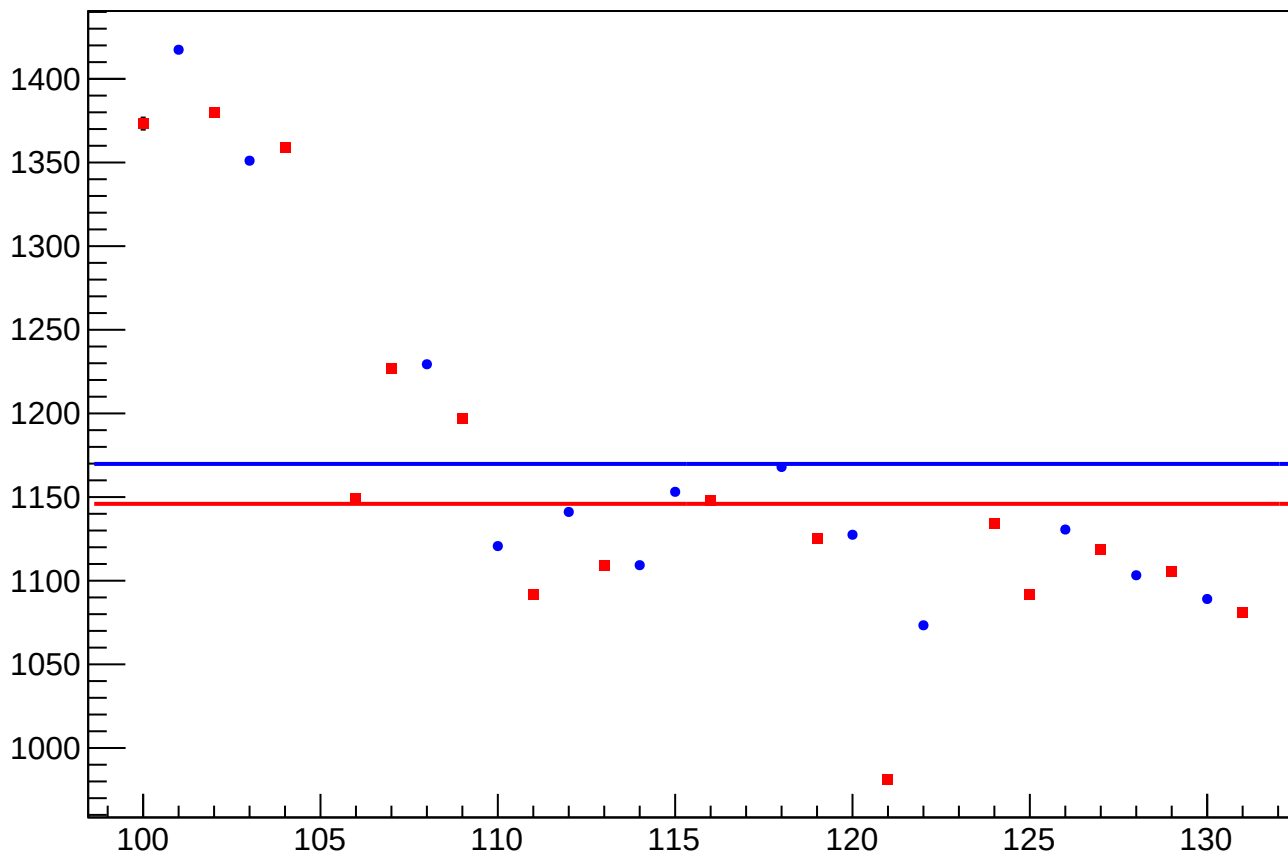
Right: -5.799 $\pm$ 0.337 χ^2 /NDF: 640.7/28

In: -6.674 $\pm$ 0.499 χ^2 /NDF:348.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.799 $\pm$ 0.337 χ^2 /NDF: 640.7/28

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1169.813+/-0.353 χ^2/NDF : 84776.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1145.953+/-0.323 χ^2/NDF : 105425.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

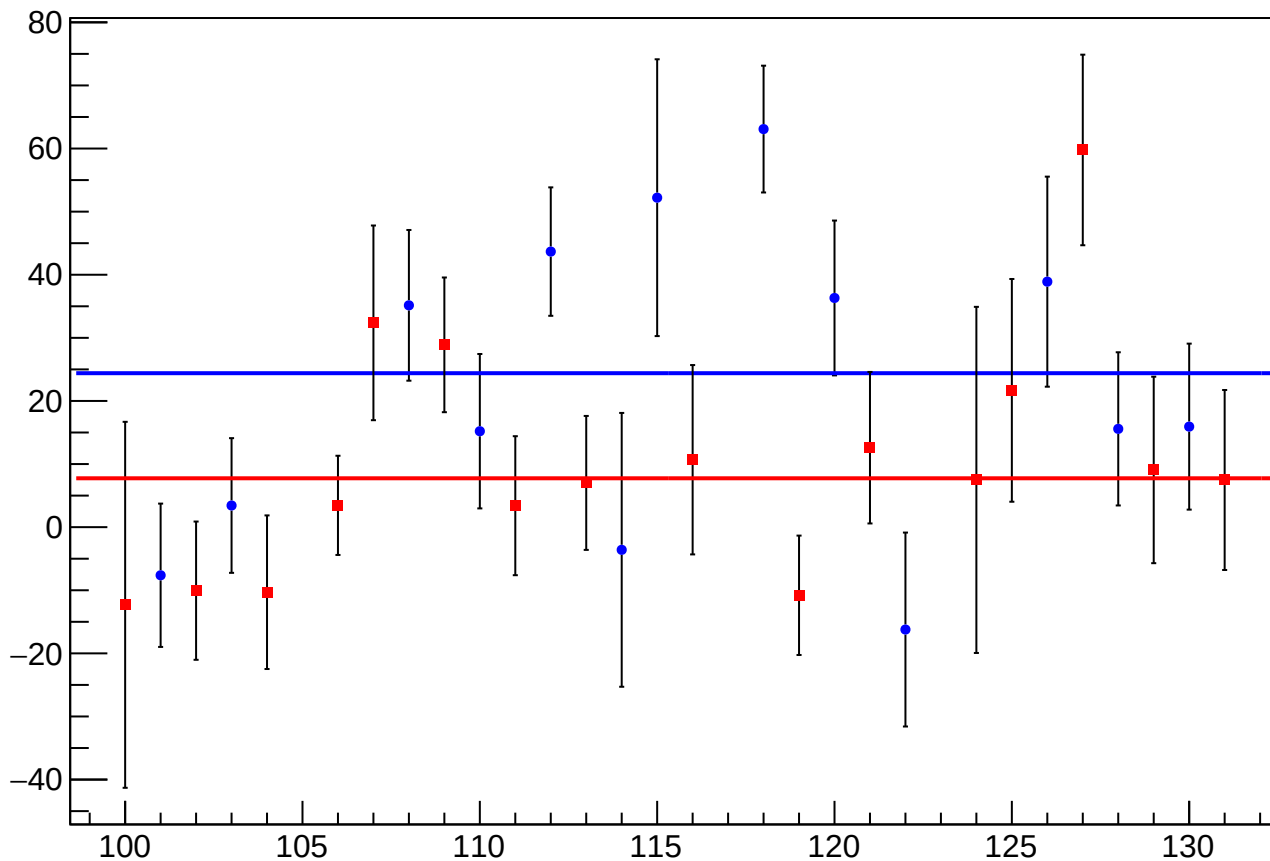
Right: 1156.835+/-0.238 χ^2/NDF : 192690.2/28

In: 1169.813+/-0.353 χ^2/NDF : 84776.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.835+/-0.238 χ^2/NDF : 192690.2/28

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.398+/-3.513 χ^2/NDF : 44.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.745+/-3.108 χ^2/NDF : 28.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

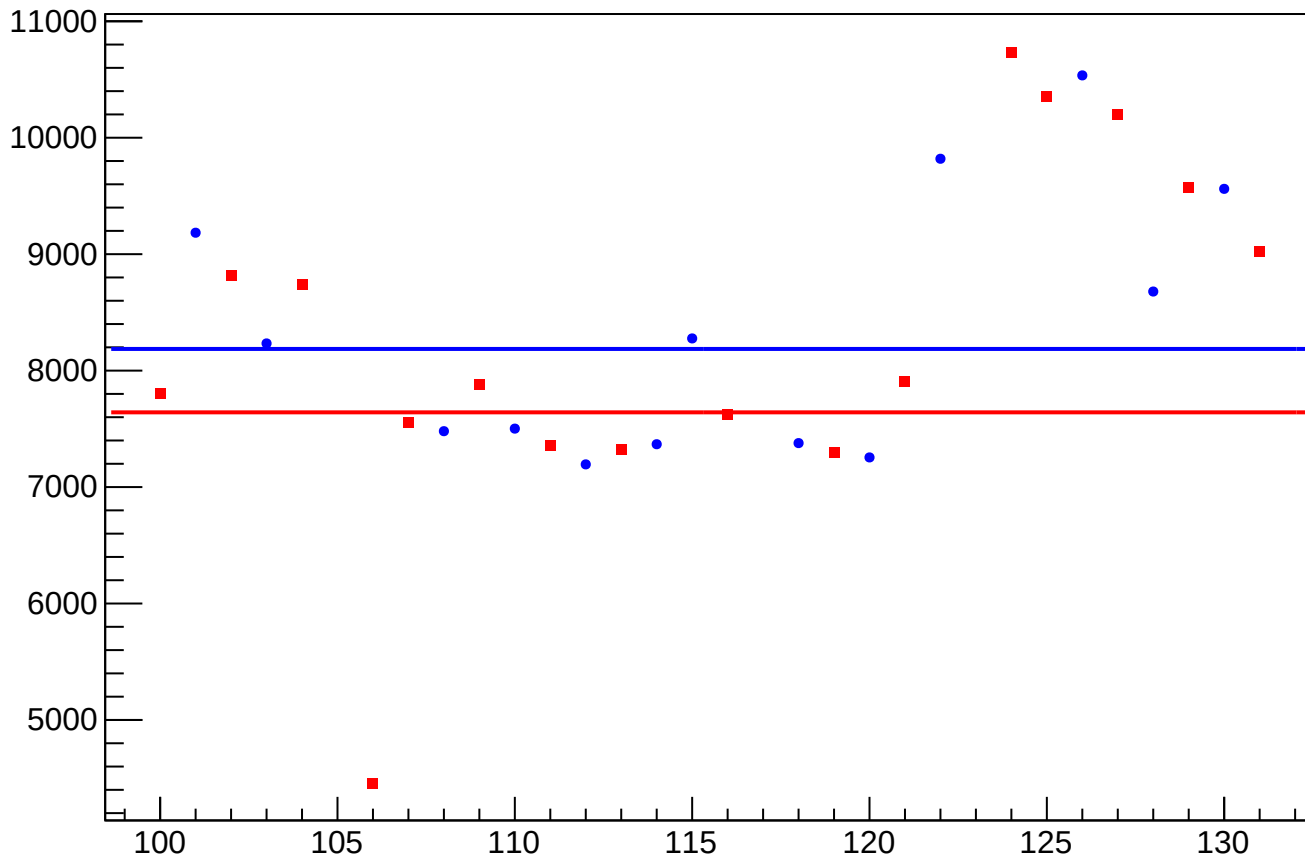
Right: 15.057+/-2.328 χ^2/NDF : 85.9/28

In: 24.398+/-3.513 χ^2/NDF : 44.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.057+/-2.328 χ^2/NDF : 85.9/28

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8186.183+/-2.484 χ^2/NDF : 162661.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7641.721+/-2.198 χ^2/NDF : 558628.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

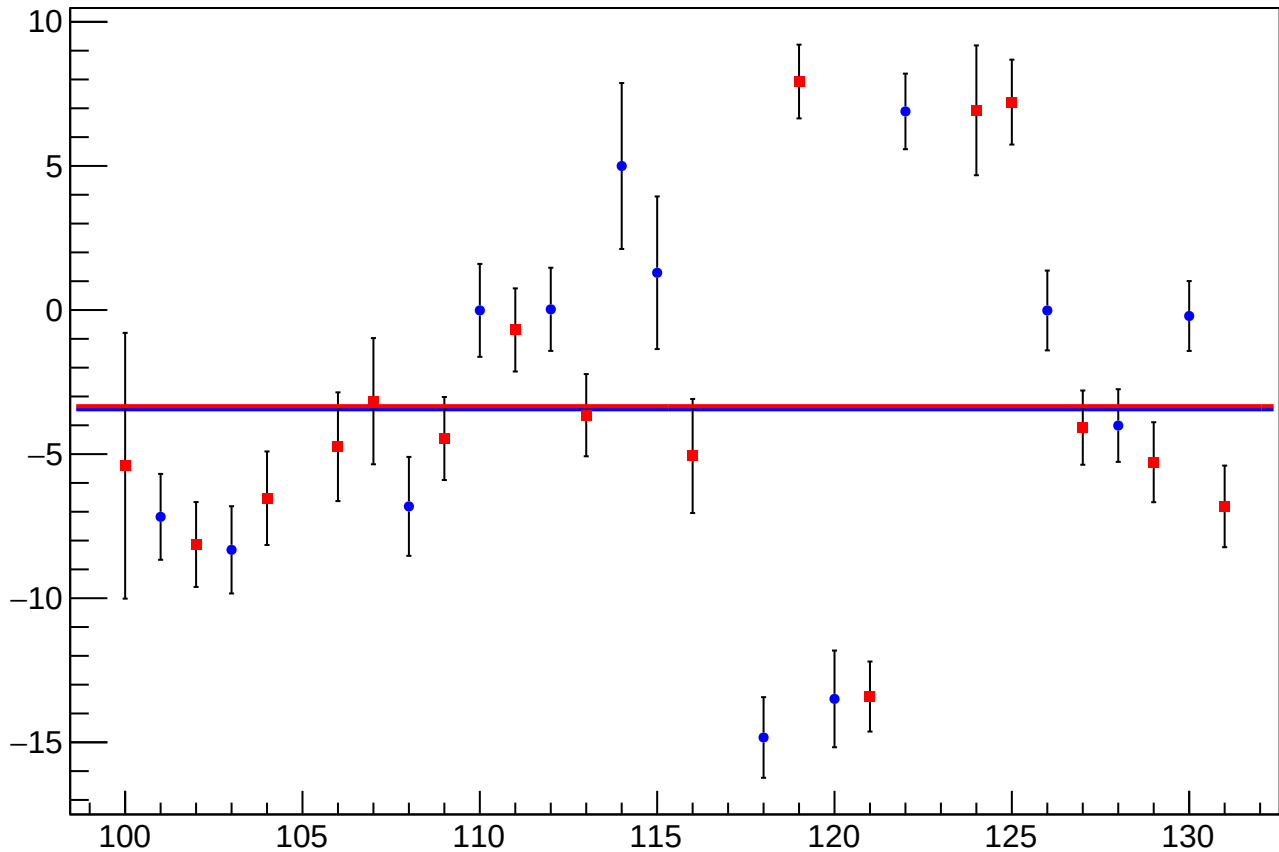
Right: 7880.782+/-1.646 χ^2/NDF : 748243.8/28

In: 8186.183+/-2.484 χ^2/NDF : 162661.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7880.782+/-1.646 χ^2/NDF : 748243.8/28

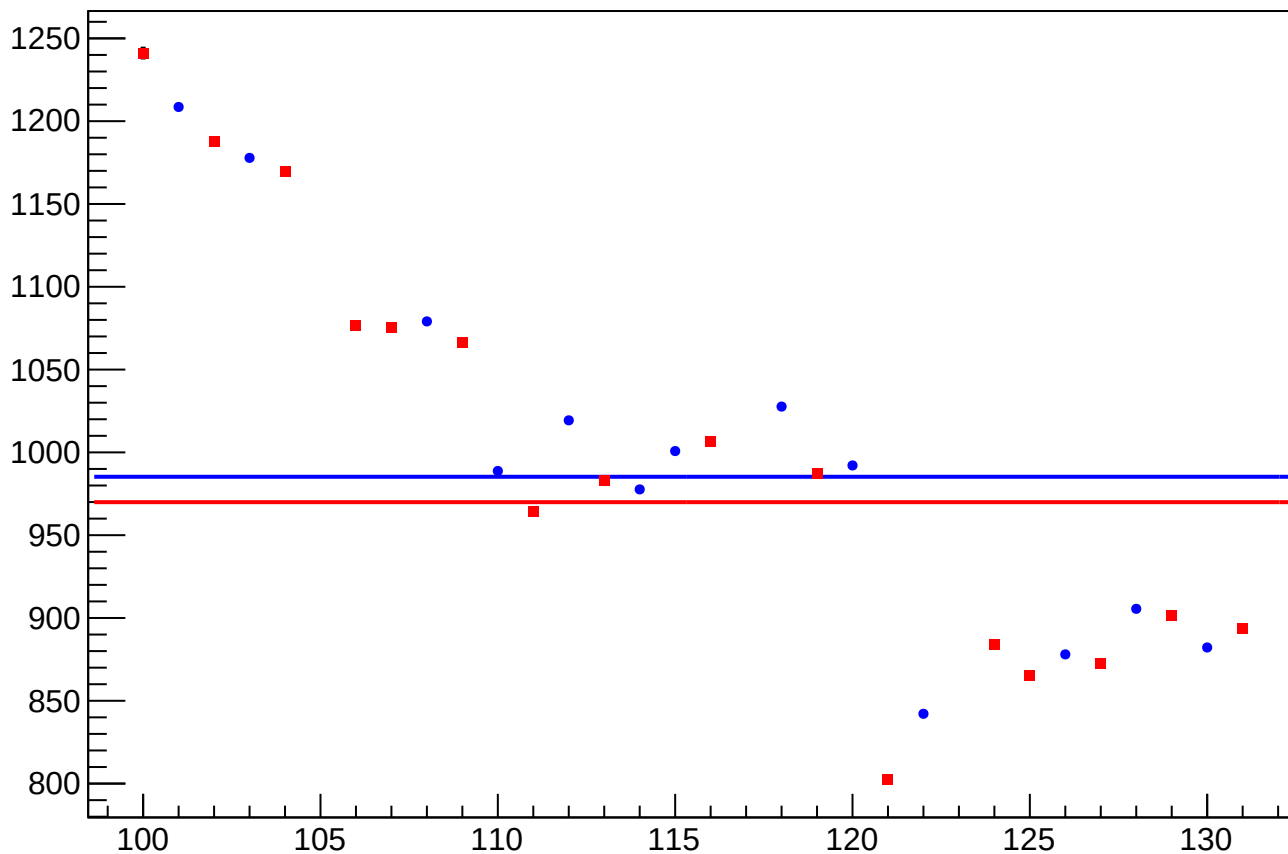
diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.446 ± 0.421 $\chi^2/\text{NDF}: 220.4/12$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -3.335 ± 0.388 $\chi^2/\text{NDF}: 246.8/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -3.386 ± 0.285 $\chi^2/\text{NDF}: 467.2/28$
 In: -3.446 ± 0.421 $\chi^2/\text{NDF}: 220.4/12$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -3.386 ± 0.285 $\chi^2/\text{NDF}: 467.2/28$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 985.270+/-0.298 χ^2/NDF : 144609.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 969.943+/-0.274 χ^2/NDF : 175091.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

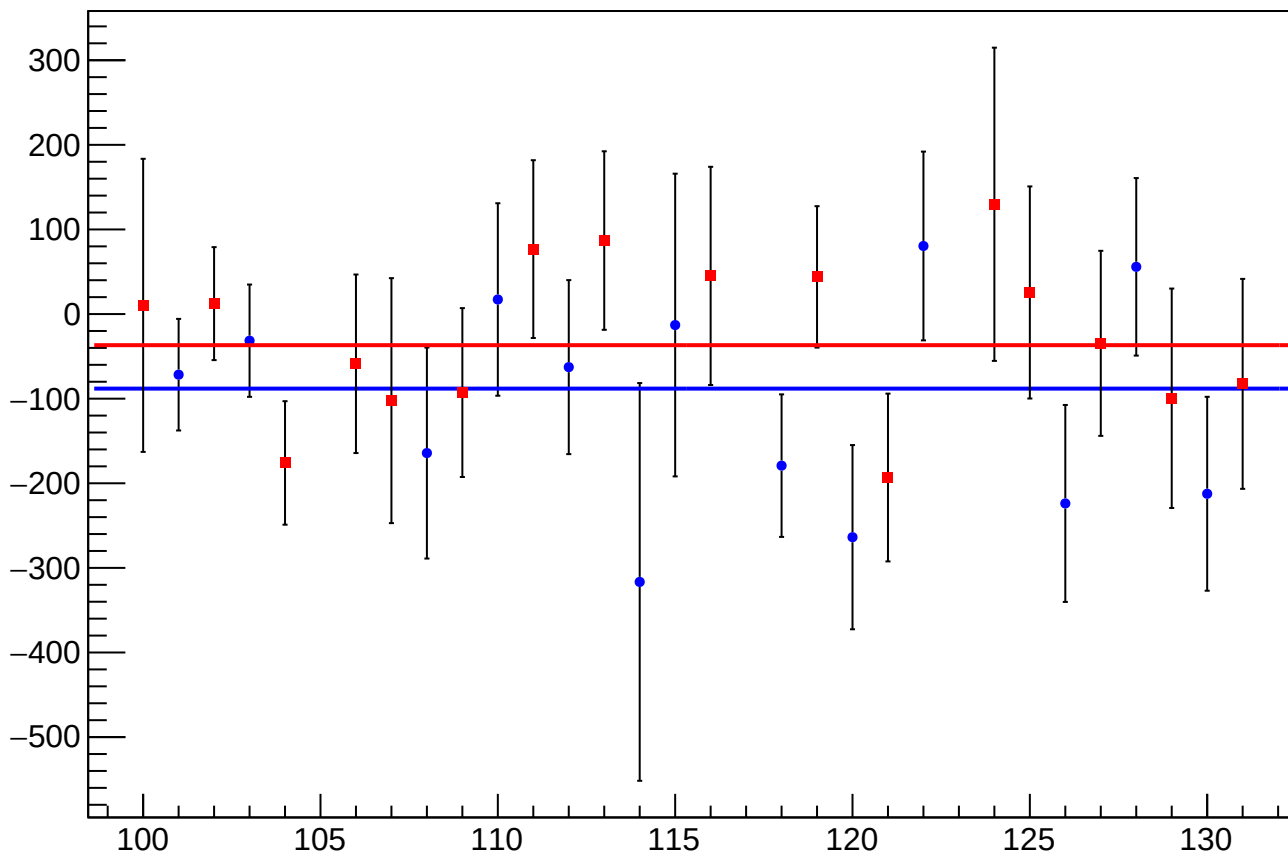
Right: 976.970+/-0.202 χ^2/NDF : 321134.3/28

In: 985.270+/-0.298 χ^2/NDF : 144609.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.970+/-0.202 χ^2/NDF : 321134.3/28

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -88.118 $\pm$ 27.853 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.766 $\pm$ 26.084 χ^2 /NDF: 12.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

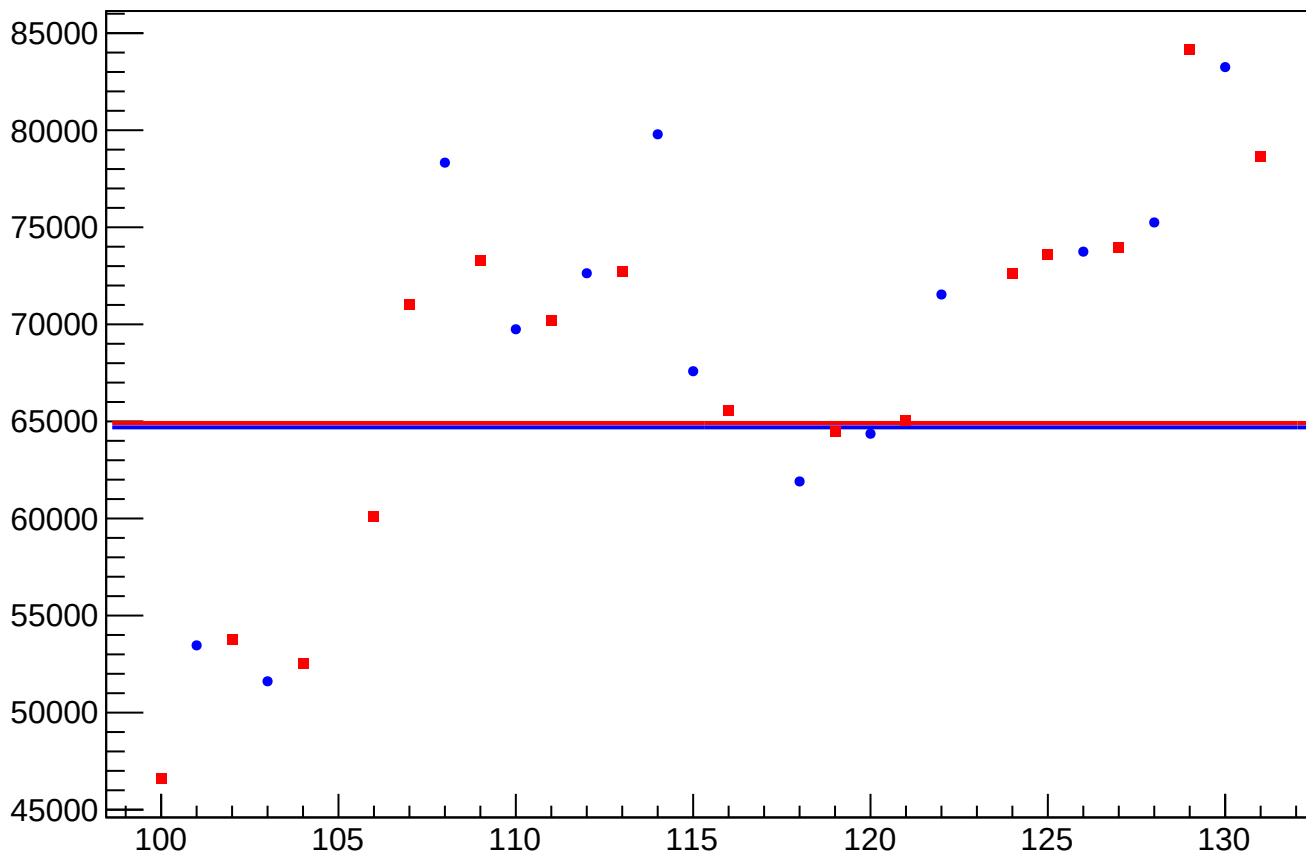
Right: -60.760 $\pm$ 19.039 χ^2 /NDF: 28.1/28

In: -88.118 $\pm$ 27.853 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.760 $\pm$ 19.039 χ^2 /NDF: 28.1/28

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 64694.080+/-19.695 χ^2 /NDF: 278774.2/12

Right: 64814.280+/-13.462 χ^2 /NDF: 547821.0/28

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 64694.080+/-19.695 χ^2 /NDF: 278774.2/12

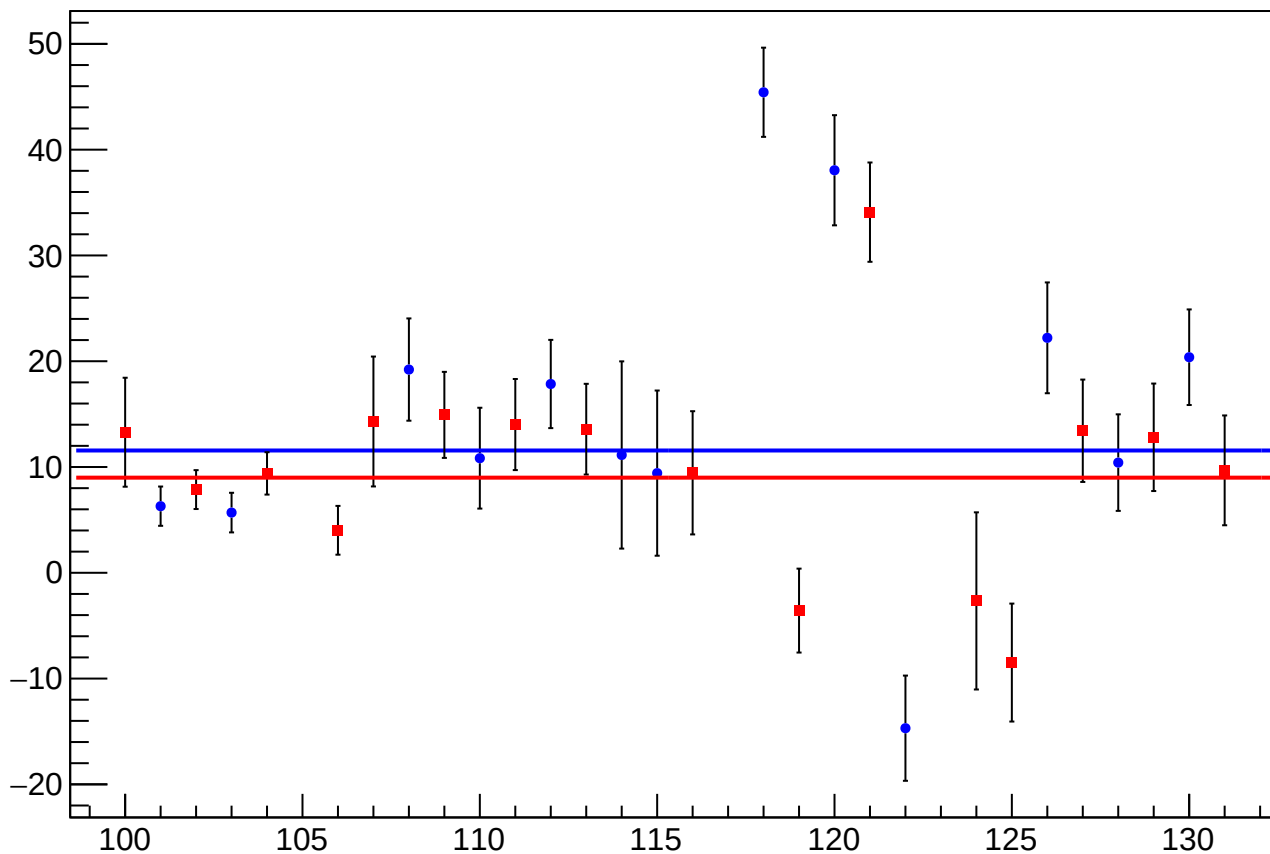
Right Out: 64919.698+/-18.444 χ^2 /NDF: 268976.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 64814.280+/-13.462 χ^2 /NDF: 547821.0/28

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.562 $\pm$ 0.992 χ^2 /NDF: 149.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.994 $\pm$ 0.887 χ^2 /NDF: 63.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

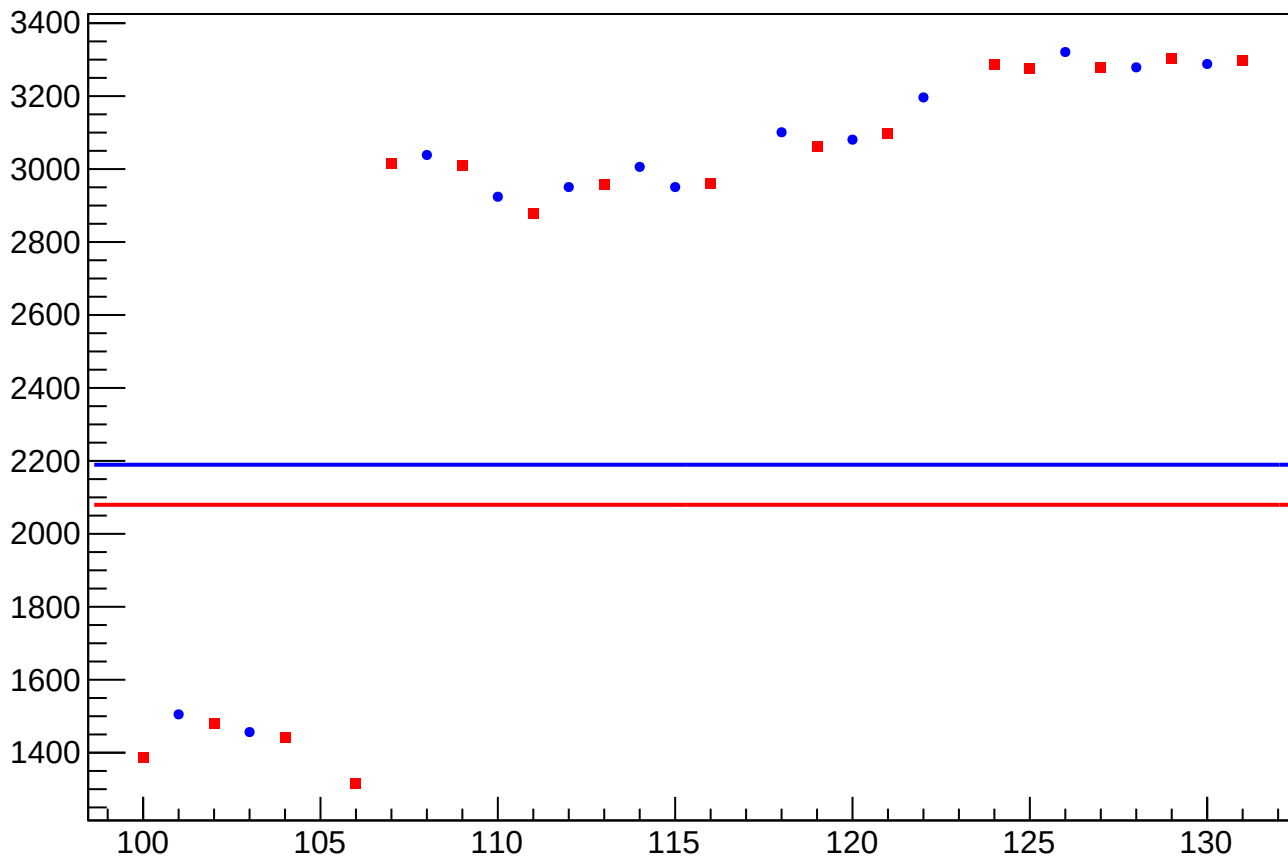
Right: 10.135 $\pm$ 0.661 χ^2 /NDF: 215.7/28

In: 11.562 $\pm$ 0.992 χ^2 /NDF: 149.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.135 $\pm$ 0.661 χ^2 /NDF: 215.7/28

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2189.427+/-0.702 χ^2/NDF : 1349715.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2079.623+/-0.627 χ^2/NDF : 1719172.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

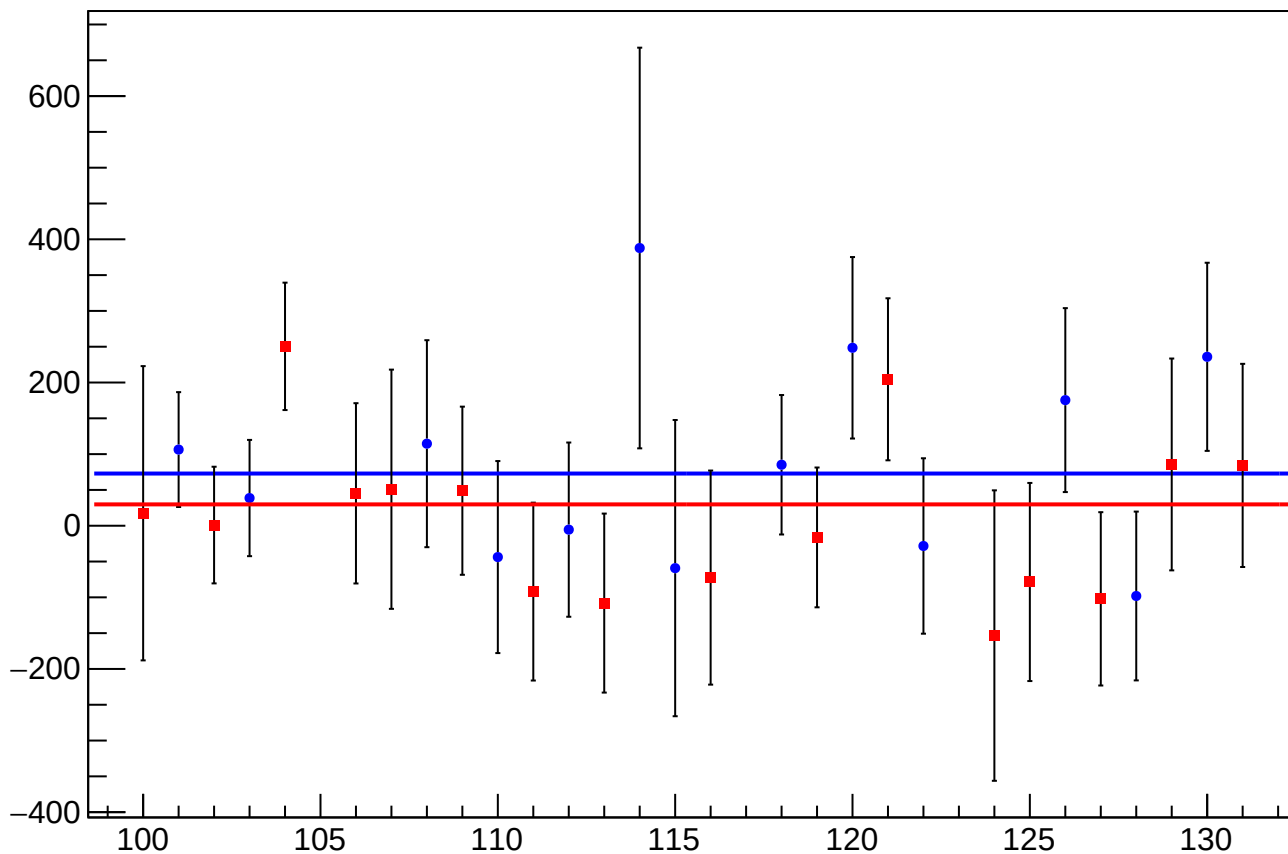
Right: 2128.419+/-0.468 χ^2/NDF : 3082498.3/28

In: 2189.427+/-0.702 χ^2/NDF : 1349715.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.419+/-0.468 χ^2/NDF : 3082498.3/28

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 72.891 $\pm$ 32.628 χ^2 /NDF: 10.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.813 $\pm$ 30.584 χ^2 /NDF: 14.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

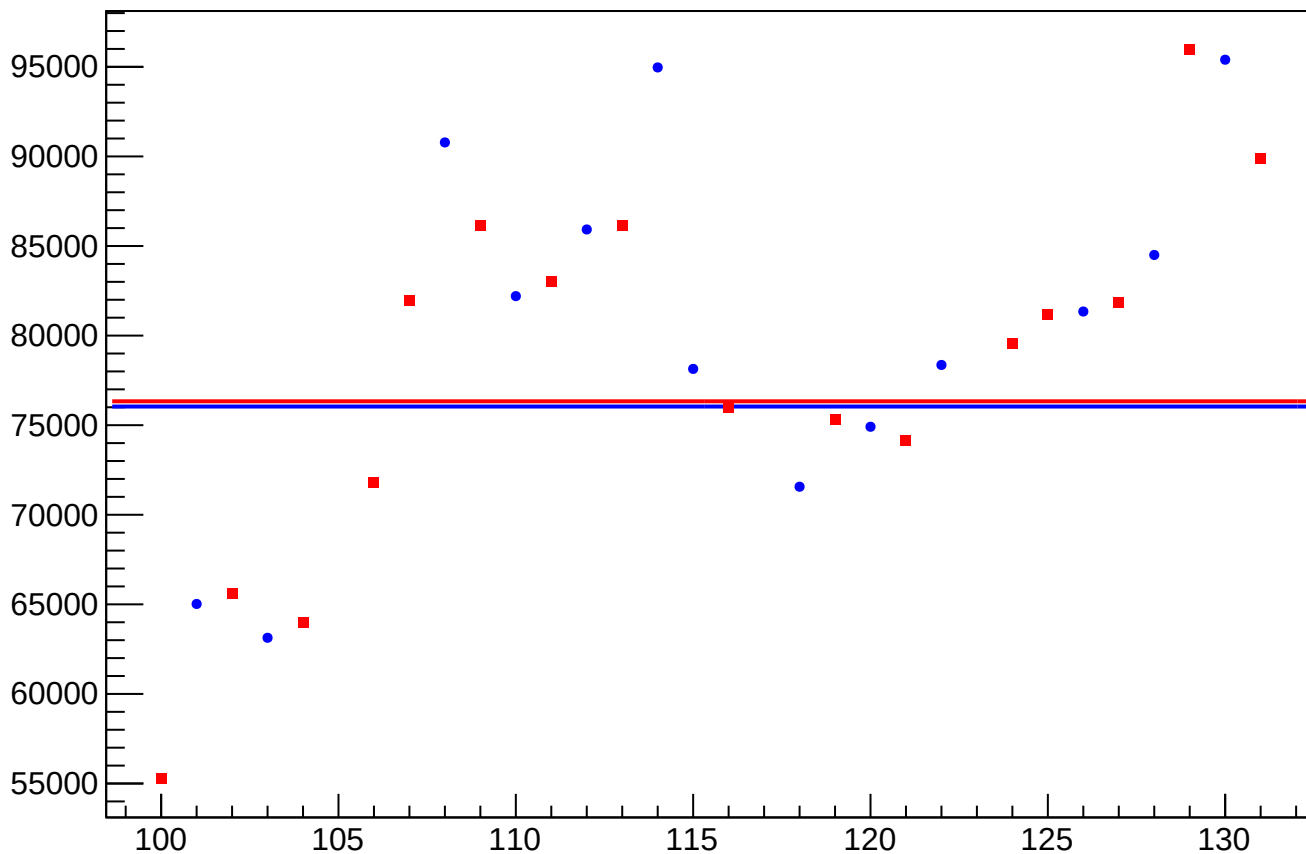
Right: 49.961 $\pm$ 22.314 χ^2 /NDF: 25.6/28

In: 72.891 $\pm$ 32.628 χ^2 /NDF:10.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

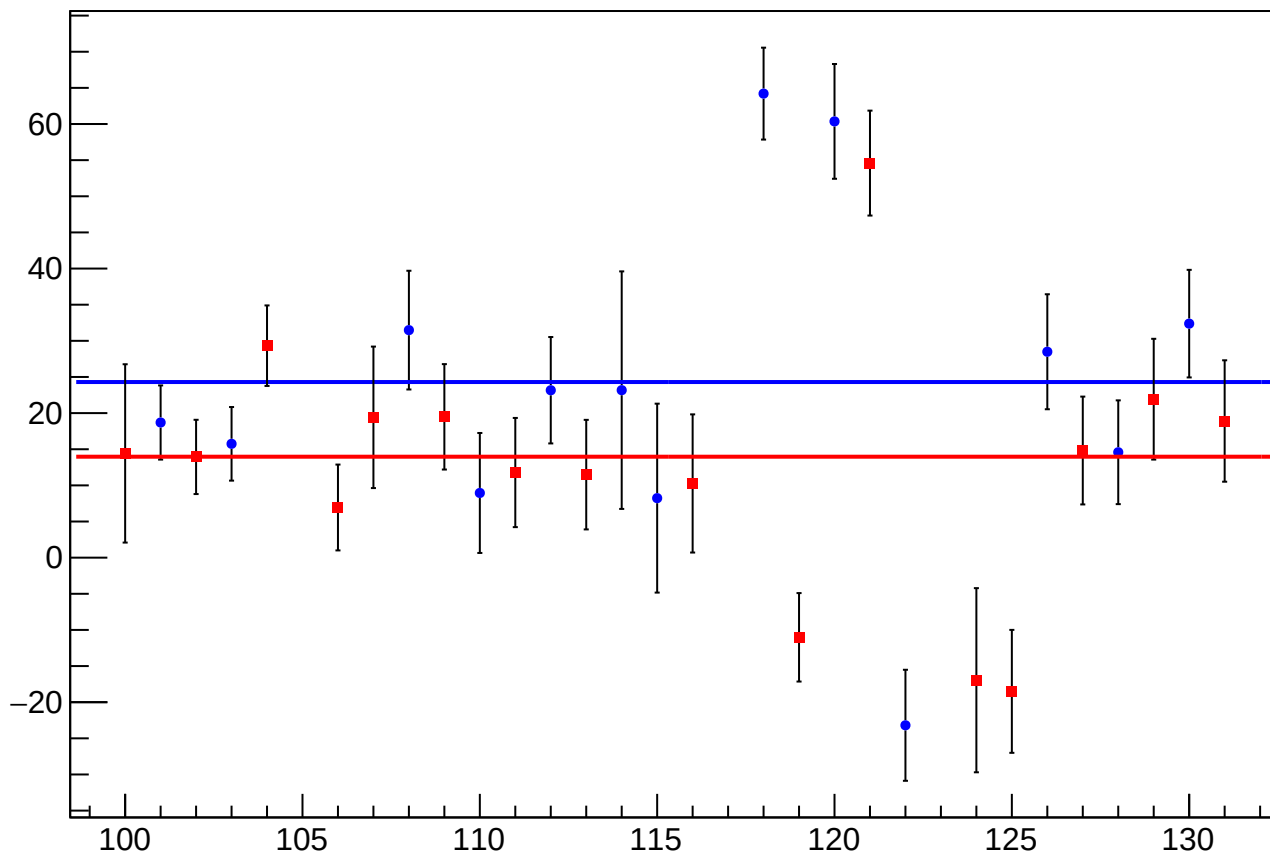
All: 49.961 $\pm$ 22.314 χ^2 /NDF: 25.6/28

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 76040.730+/-23.071 χ^2 /NDF: 198136.6/12
 Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 76196.240+/-15.778 χ^2 /NDF: 390678.5/28
 Right Out: 76332.874+/-21.626 χ^2 /NDF: 192456.6/15
 In: 76040.730+/-23.071 χ^2 /NDF: 198136.6/12
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 76196.240+/-15.778 χ^2 /NDF: 390678.5/28

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.299 $\pm$ 2.021 χ^2 /NDF: 111.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.968 $\pm$ 1.850 χ^2 /NDF: 79.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

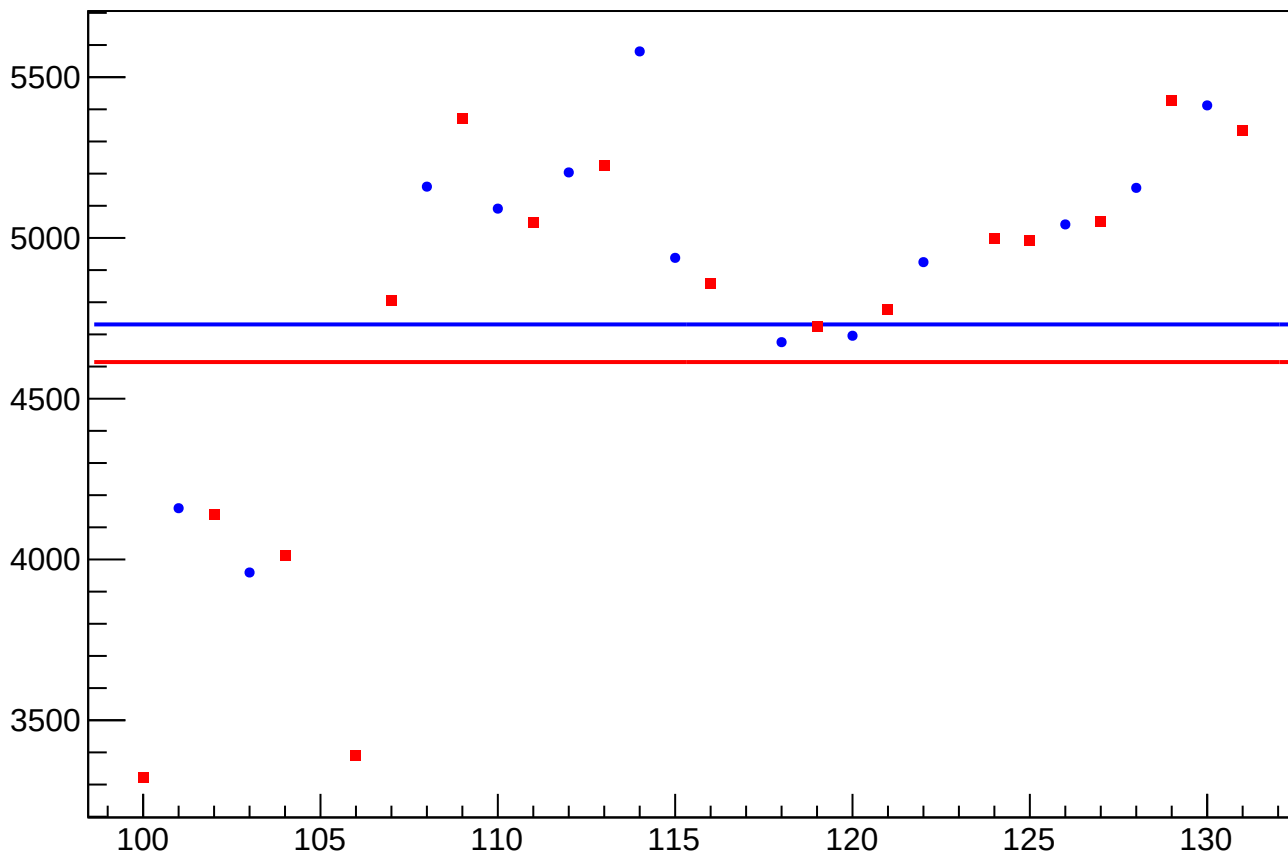
Right: 18.676 $\pm$ 1.365 χ^2 /NDF: 205.4/28

In: 24.299 $\pm$ 2.021 χ^2 /NDF:111.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.676 $\pm$ 1.365 χ^2 /NDF: 205.4/28

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4731.015+/-1.429 χ^2/NDF : 122316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.988+/-1.308 χ^2/NDF : 238876.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

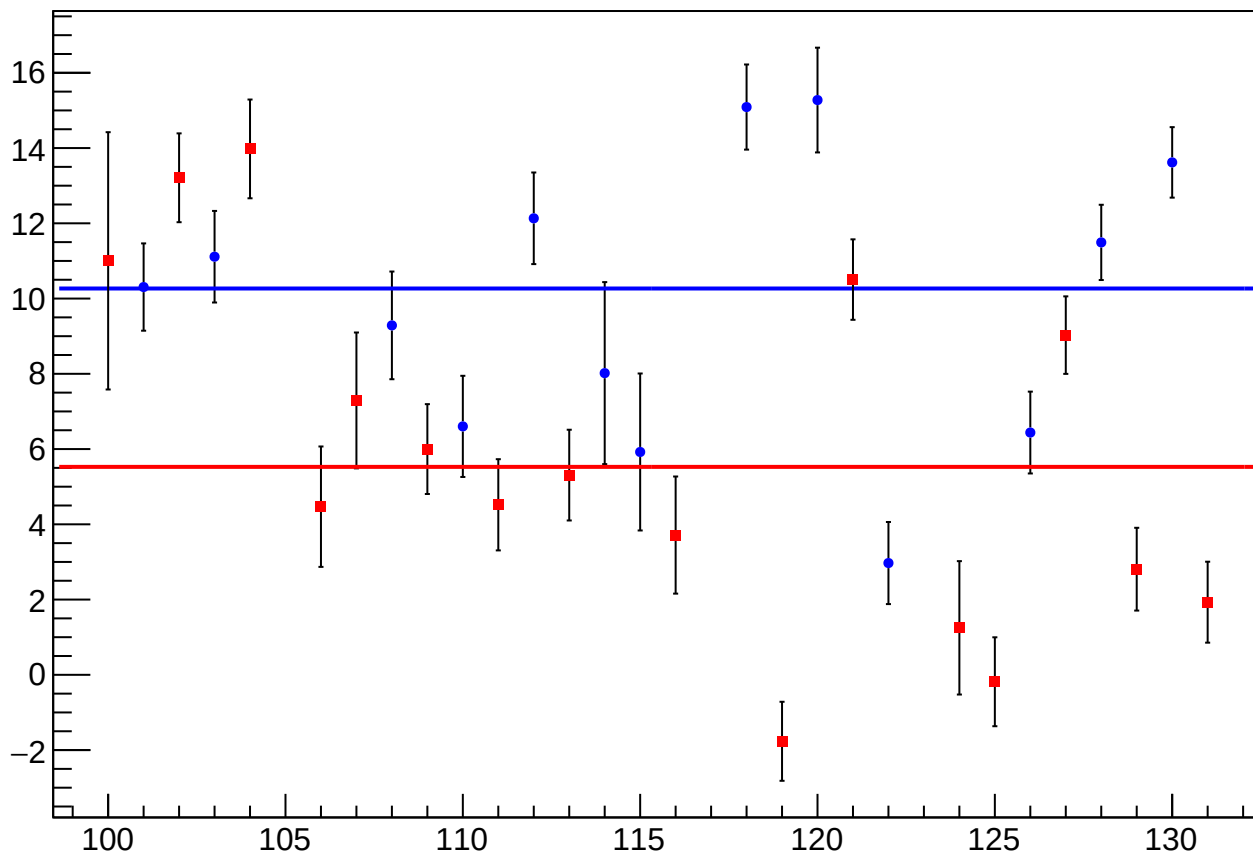
Right: 4667.320+/-0.965 χ^2/NDF : 364842.0/28

In: 4731.015+/-1.429 χ^2/NDF : 122316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4667.320+/-0.965 χ^2/NDF : 364842.0/28

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.267+/-0.340 χ^2/NDF : 118.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.527+/-0.316 χ^2/NDF : 218.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

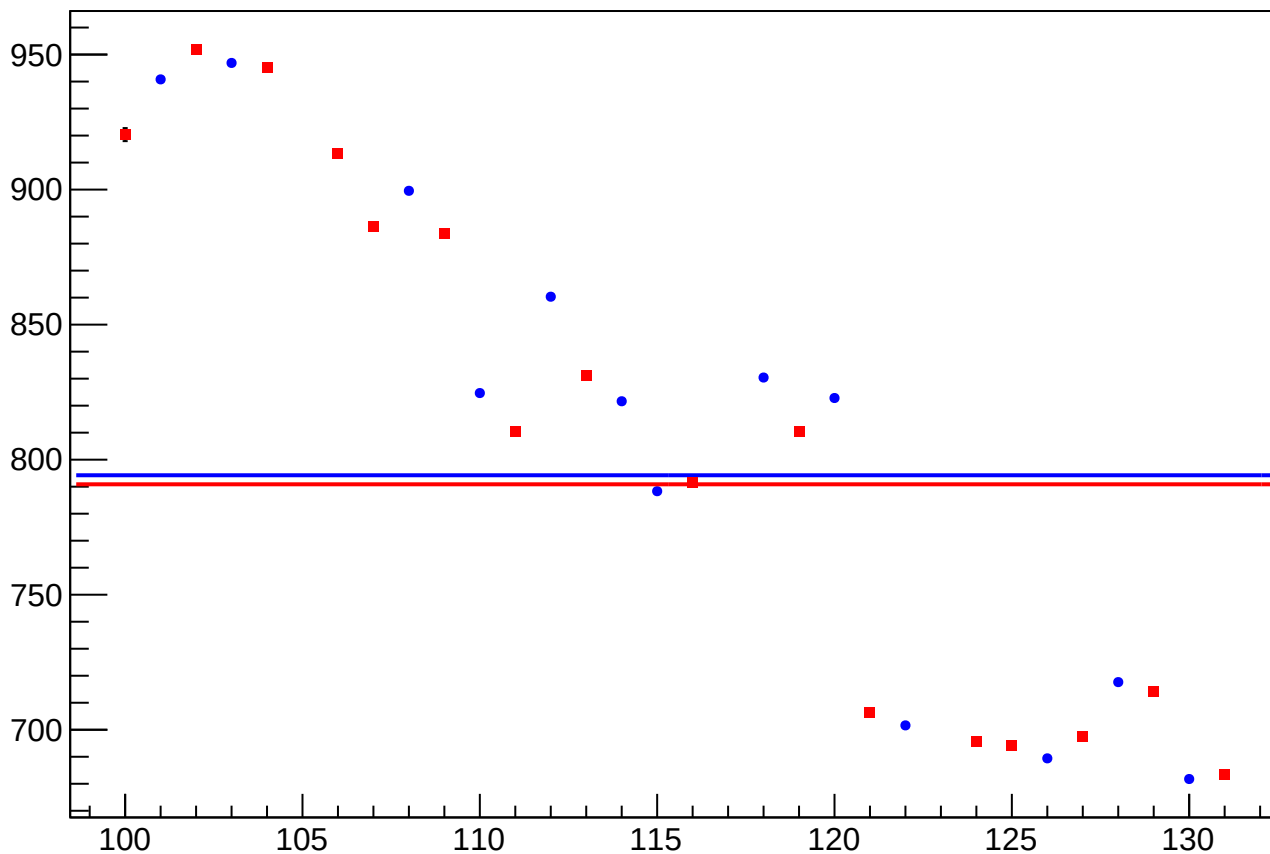
Right: 7.725+/-0.231 χ^2/NDF : 440.8/28

In: 10.267+/-0.340 χ^2/NDF : 118.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.725+/-0.231 χ^2/NDF : 440.8/28

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 794.229+/-0.240 χ^2/NDF : 157880.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 790.880+/-0.223 χ^2/NDF : 178161.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

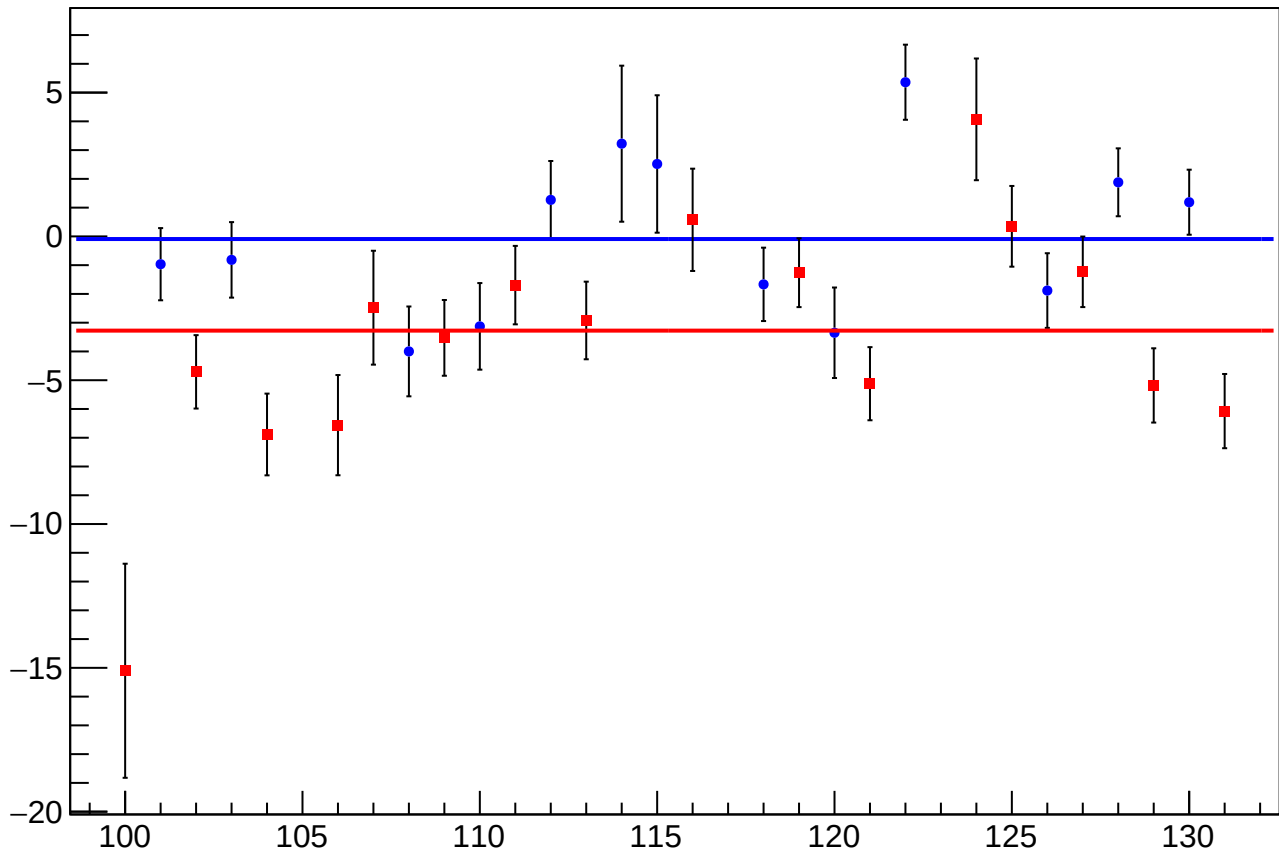
Right: 792.433+/-0.164 χ^2/NDF : 336145.7/28

In: 794.229+/-0.240 χ^2/NDF : 157880.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.433+/-0.164 χ^2/NDF : 336145.7/28

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.092+/-0.389 χ^2 /NDF: 44.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.276+/-0.361 χ^2 /NDF: 61.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

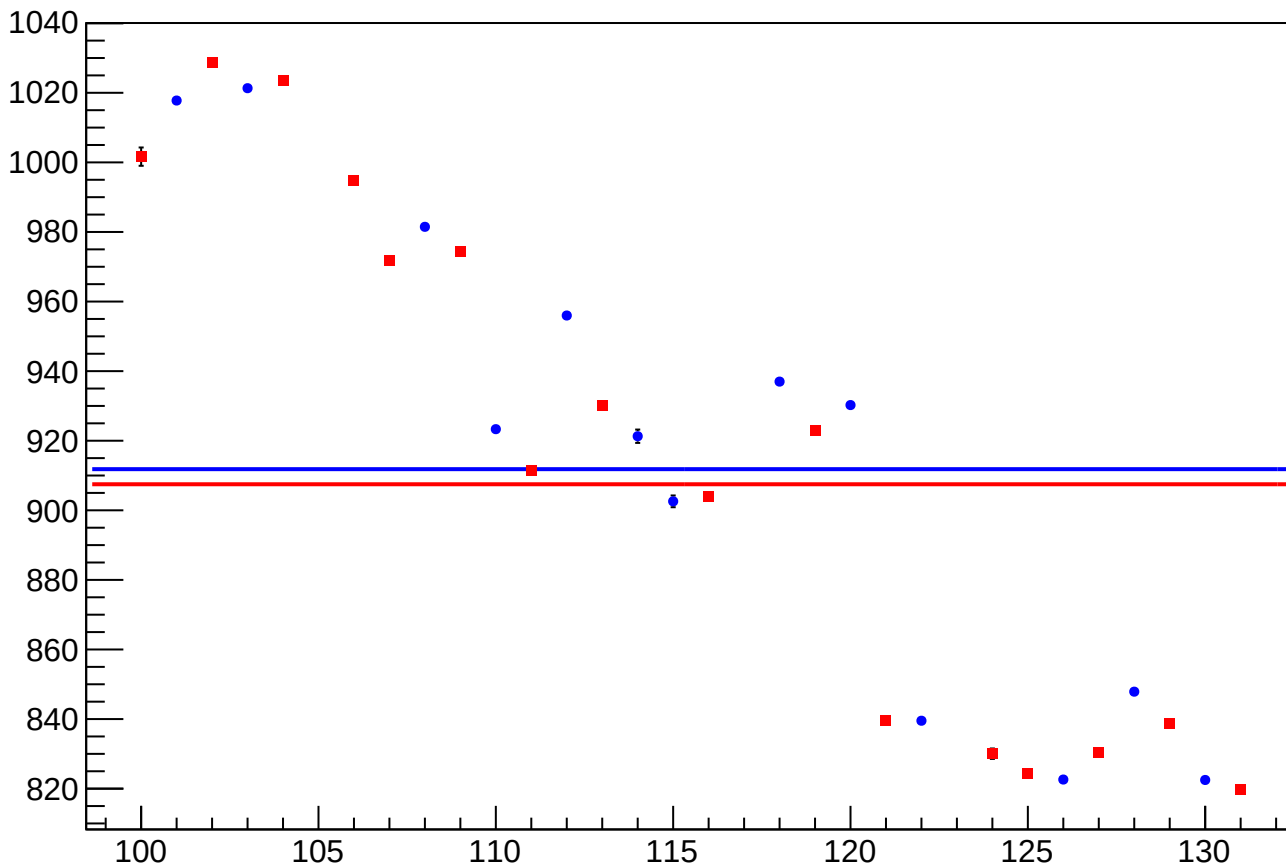
Right: -1.799+/-0.265 χ^2 /NDF: 141.1/28

In: -0.092+/-0.389 χ^2 /NDF:44.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.799+/-0.265 χ^2 /NDF: 141.1/28

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 911.828+/-0.275 χ^2/NDF : 69445.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.488+/-0.255 χ^2/NDF : 84110.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

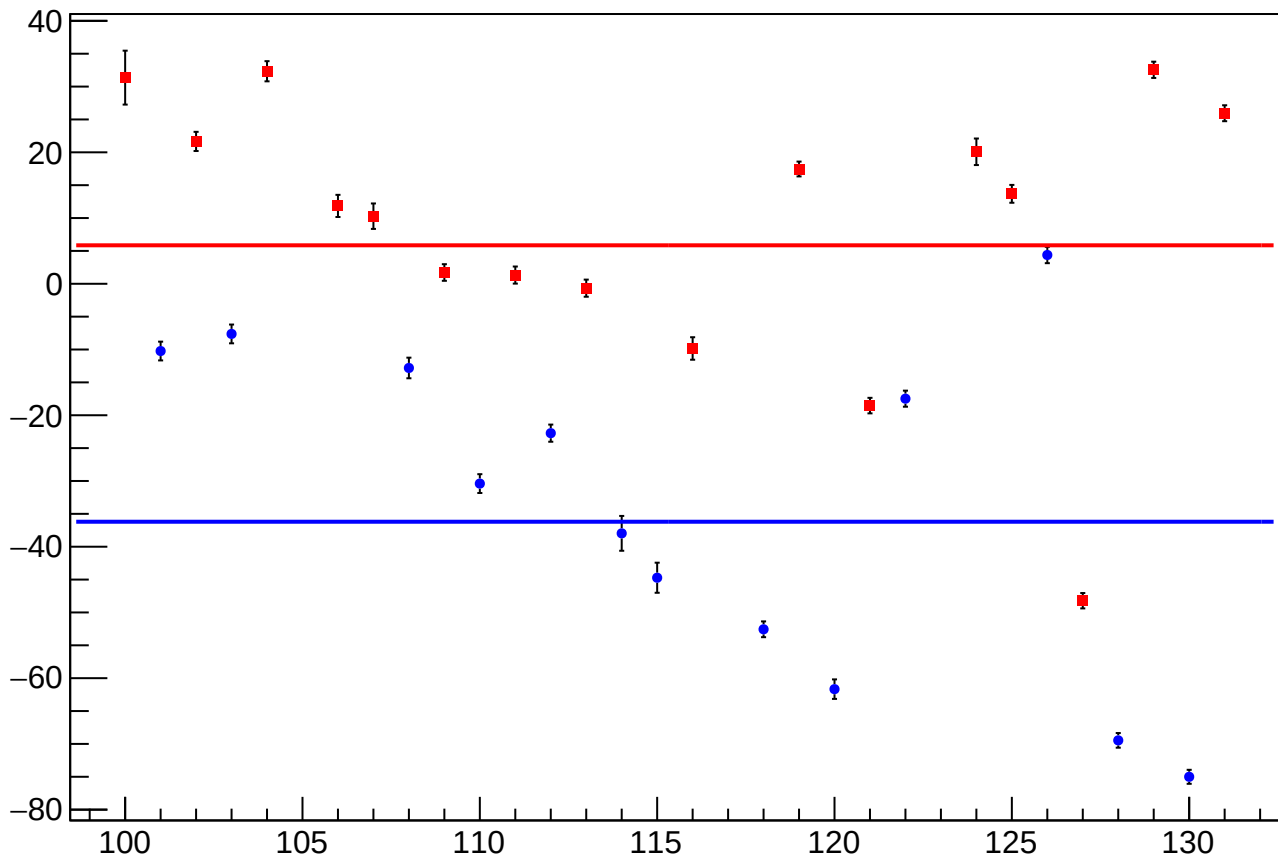
Right: 909.500+/-0.187 χ^2/NDF : 153690.1/28

In: 911.828+/-0.275 χ^2/NDF : 69445.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.500+/-0.187 χ^2/NDF : 153690.1/28

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -36.200 ± 0.379 $\chi^2/\text{NDF}: 5087.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.853 ± 0.352 $\chi^2/\text{NDF}: 4099.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

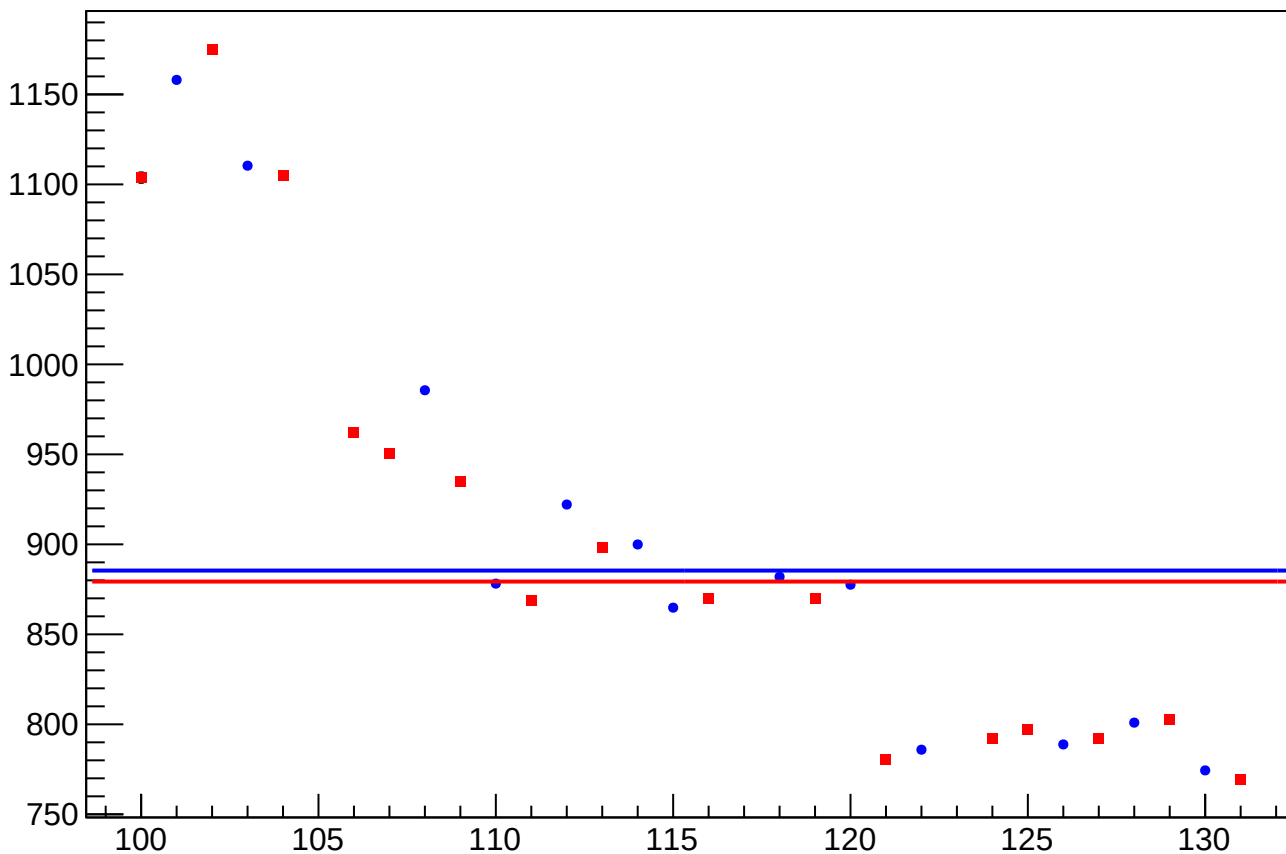
Right: -13.582 ± 0.258 $\chi^2/\text{NDF}: 15794.4/28$

In: -36.200 ± 0.379 $\chi^2/\text{NDF}: 5087.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -13.582 ± 0.258 $\chi^2/\text{NDF}: 15794.4/28$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 885.433+/-0.268 χ^2/NDF : 191177.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.331+/-0.249 χ^2/NDF : 204016.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

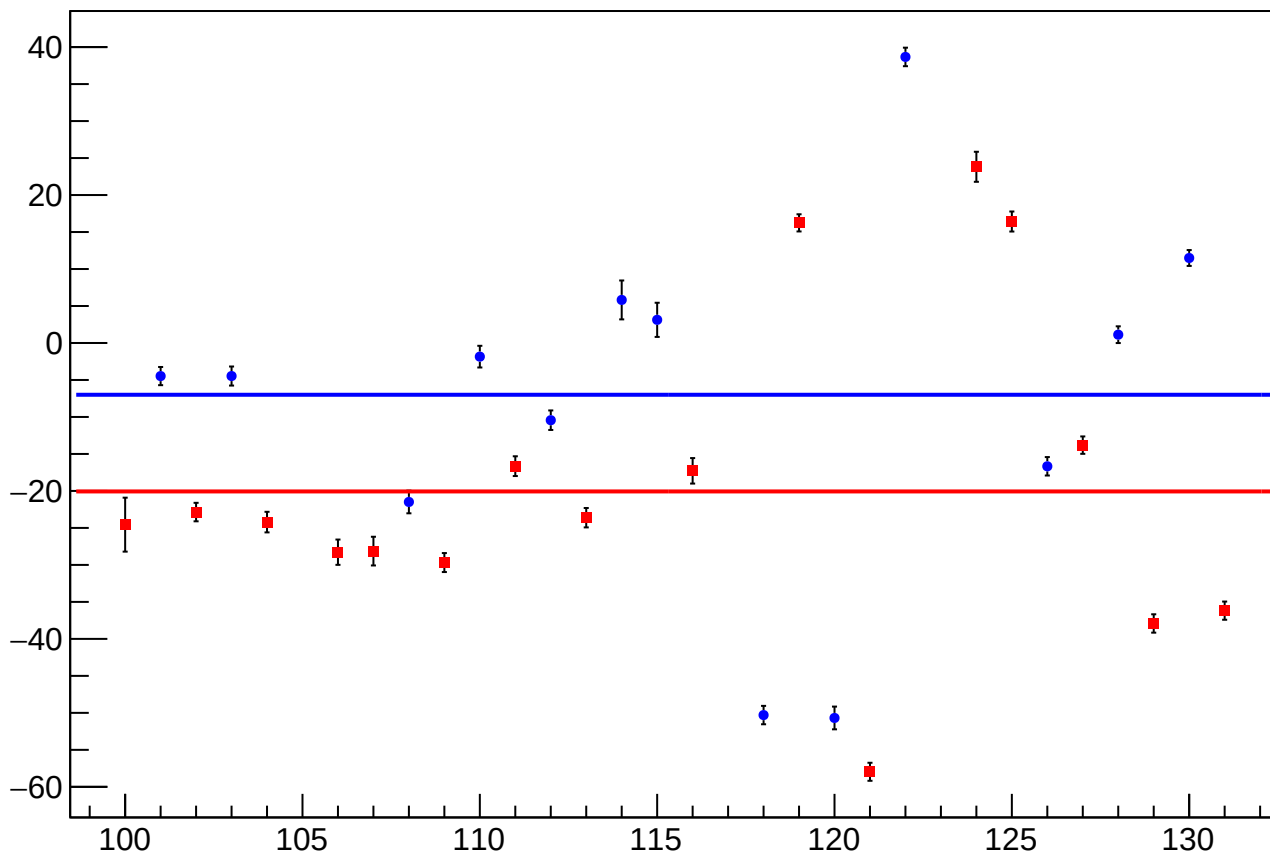
Right: 882.151+/-0.182 χ^2/NDF : 395472.5/28

In: 885.433+/-0.268 χ^2/NDF : 191177.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.151+/-0.182 χ^2/NDF : 395472.5/28

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.000+/-0.376 χ^2/NDF : 3918.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.068+/-0.350 χ^2/NDF : 3674.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

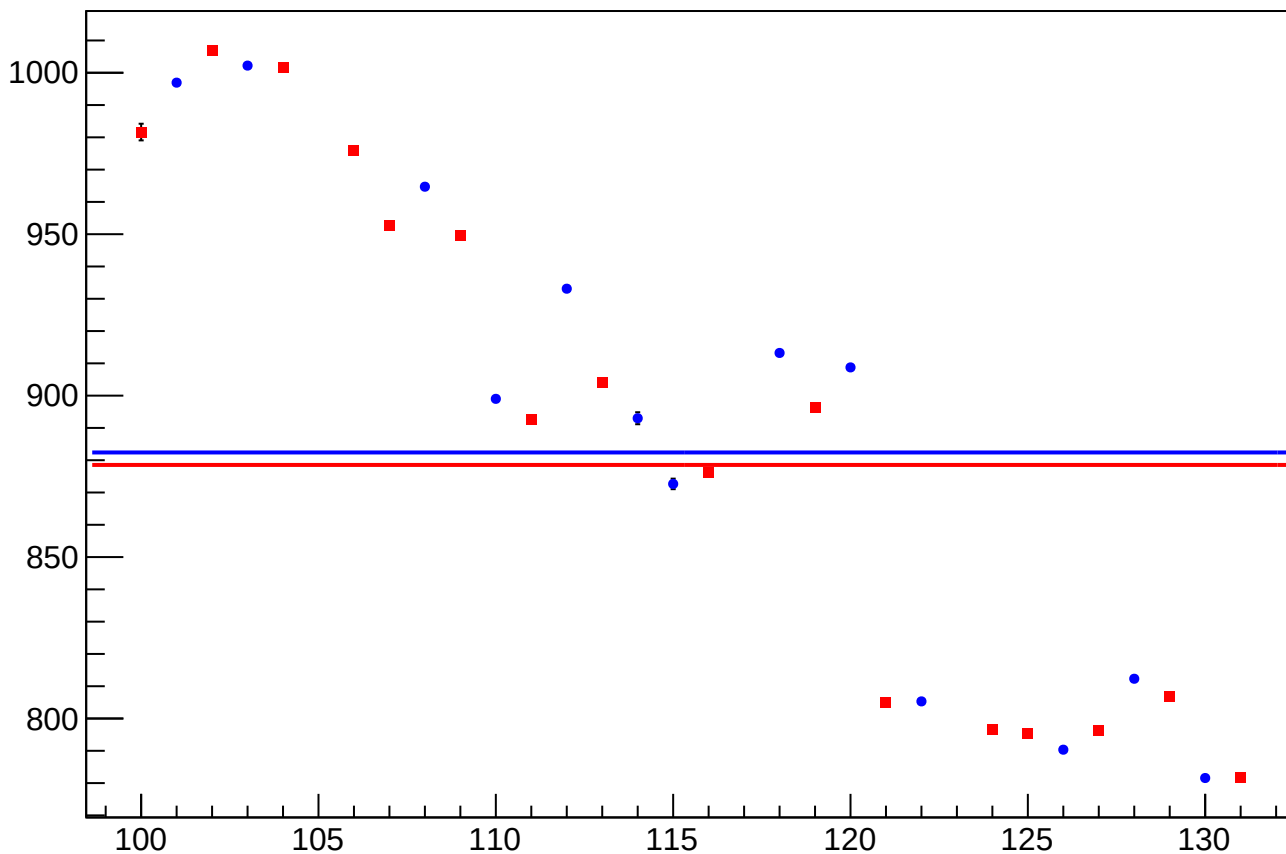
Right: -14.007+/-0.256 χ^2/NDF : 8240.2/28

In: -7.000+/-0.376 χ^2/NDF : 3918.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.007+/-0.256 χ^2/NDF : 8240.2/28

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 882.400 $\pm$ 0.266 χ^2 /NDF: 89309.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 878.537 $\pm$ 0.247 χ^2 /NDF: 102466.6/15

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

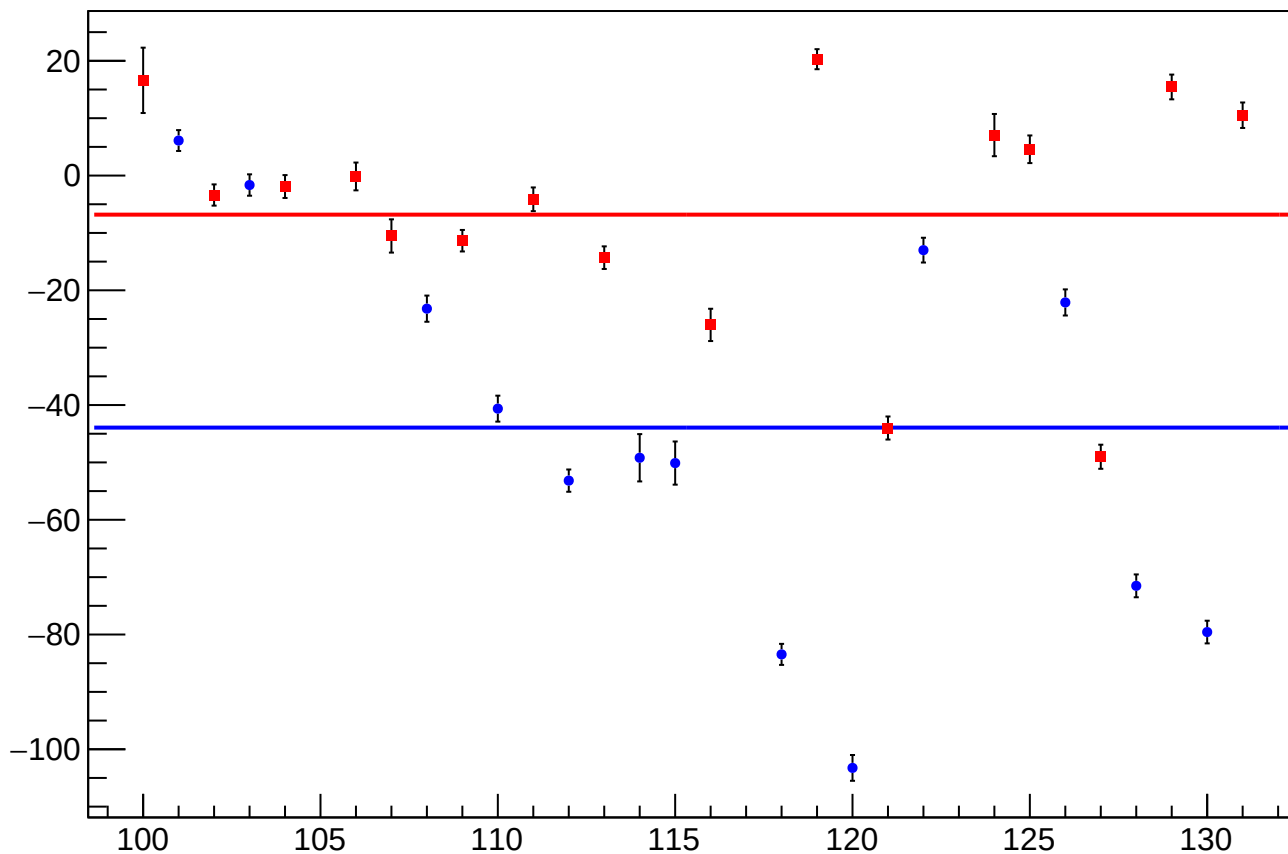
Right: 880.328 $\pm$ 0.181 χ^2 /NDF: 191888.7/28

In: 882.400 $\pm$ 0.266 χ^2 /NDF:89309.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 880.328 $\pm$ 0.181 χ^2 /NDF: 191888.7/28

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -43.932 ± 0.599 $\chi^2/\text{NDF}: 3357.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.811 ± 0.556 $\chi^2/\text{NDF}: 1295.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

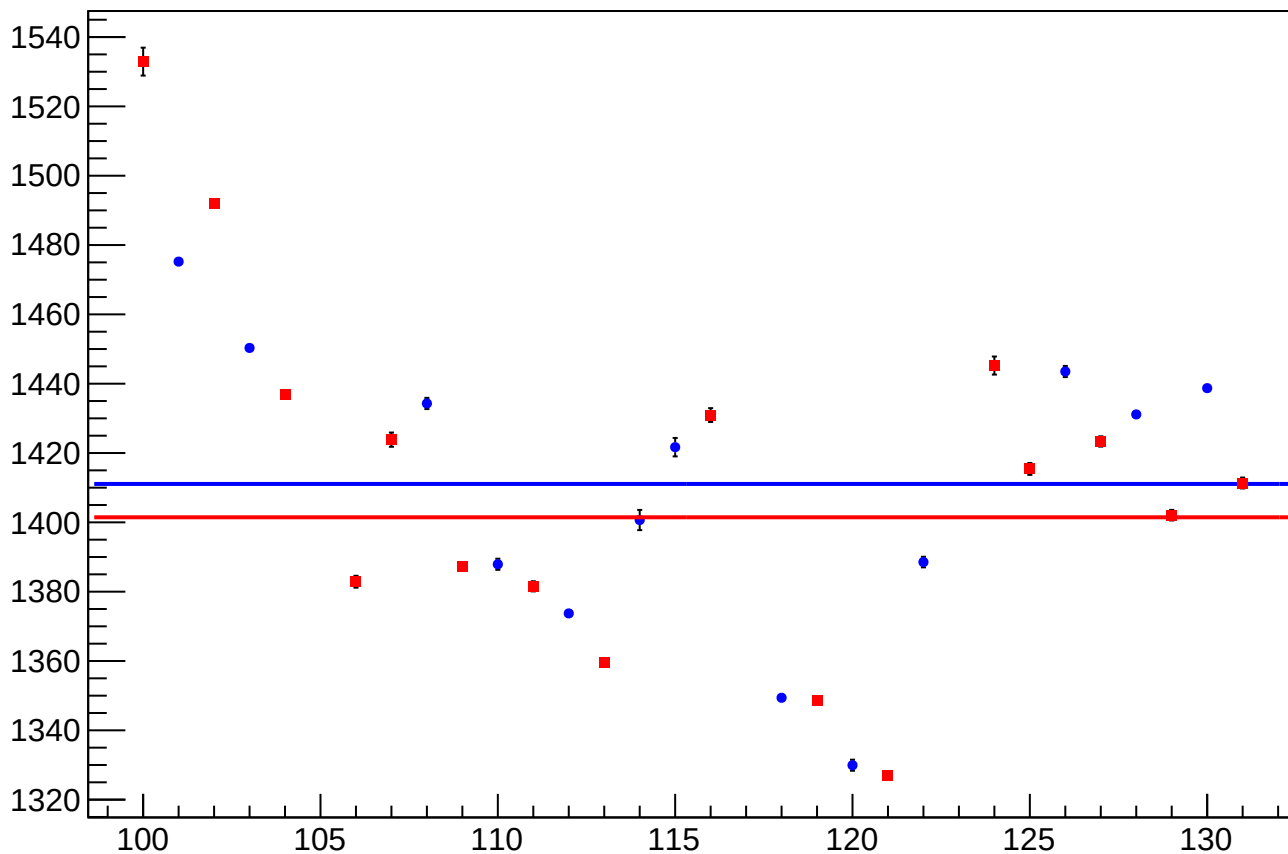
Right: -23.986 ± 0.408 $\chi^2/\text{NDF}: 6712.4/28$

In: -43.932 ± 0.599 $\chi^2/\text{NDF}: 3357.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -23.986 ± 0.408 $\chi^2/\text{NDF}: 6712.4/28$

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1411.078+/-0.424 χ^2/NDF : 10643.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.459+/-0.393 χ^2/NDF : 13333.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

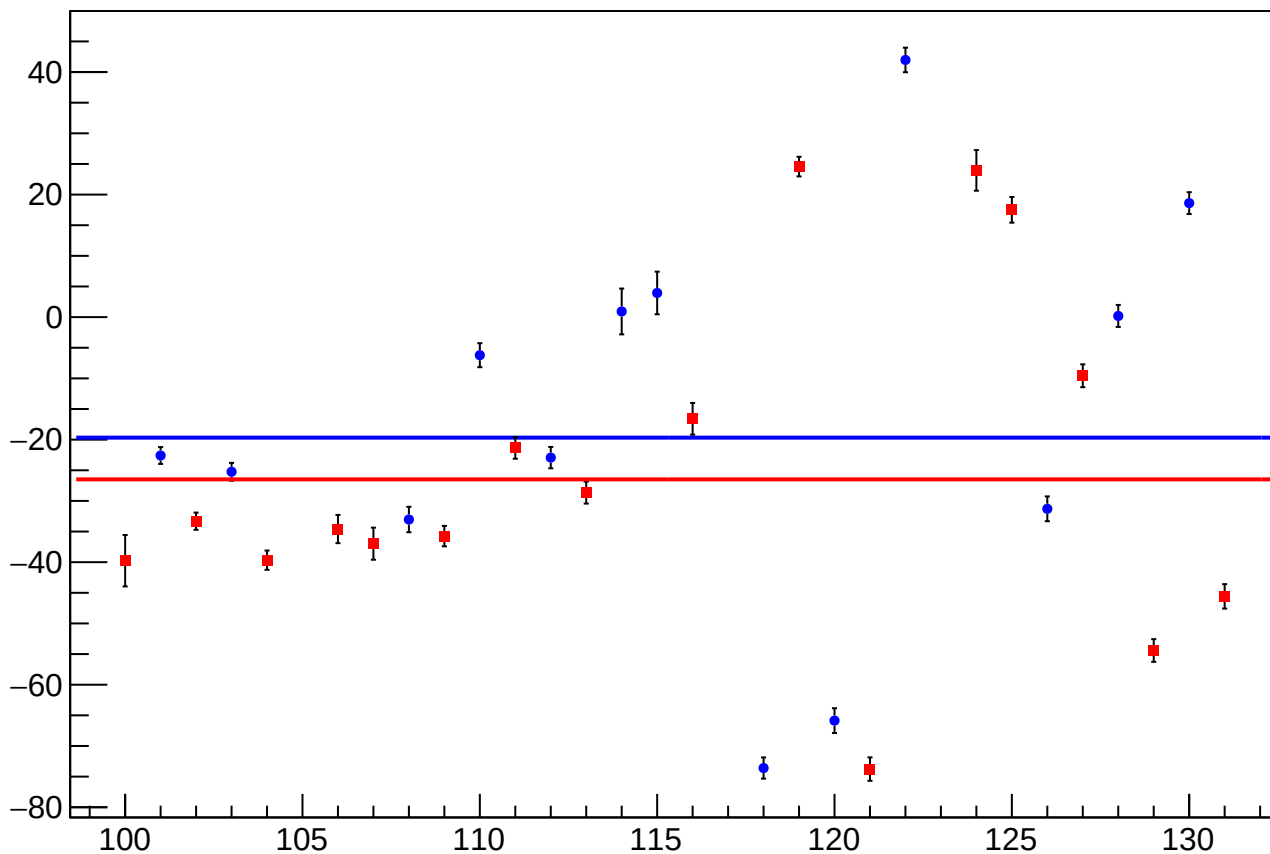
Right: 1405.909+/-0.288 χ^2/NDF : 24252.7/28

In: 1411.078+/-0.424 χ^2/NDF : 10643.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.909+/-0.288 χ^2/NDF : 24252.7/28

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -19.671+/-0.521 χ^2/NDF : 3242.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.485+/-0.485 χ^2/NDF : 2889.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

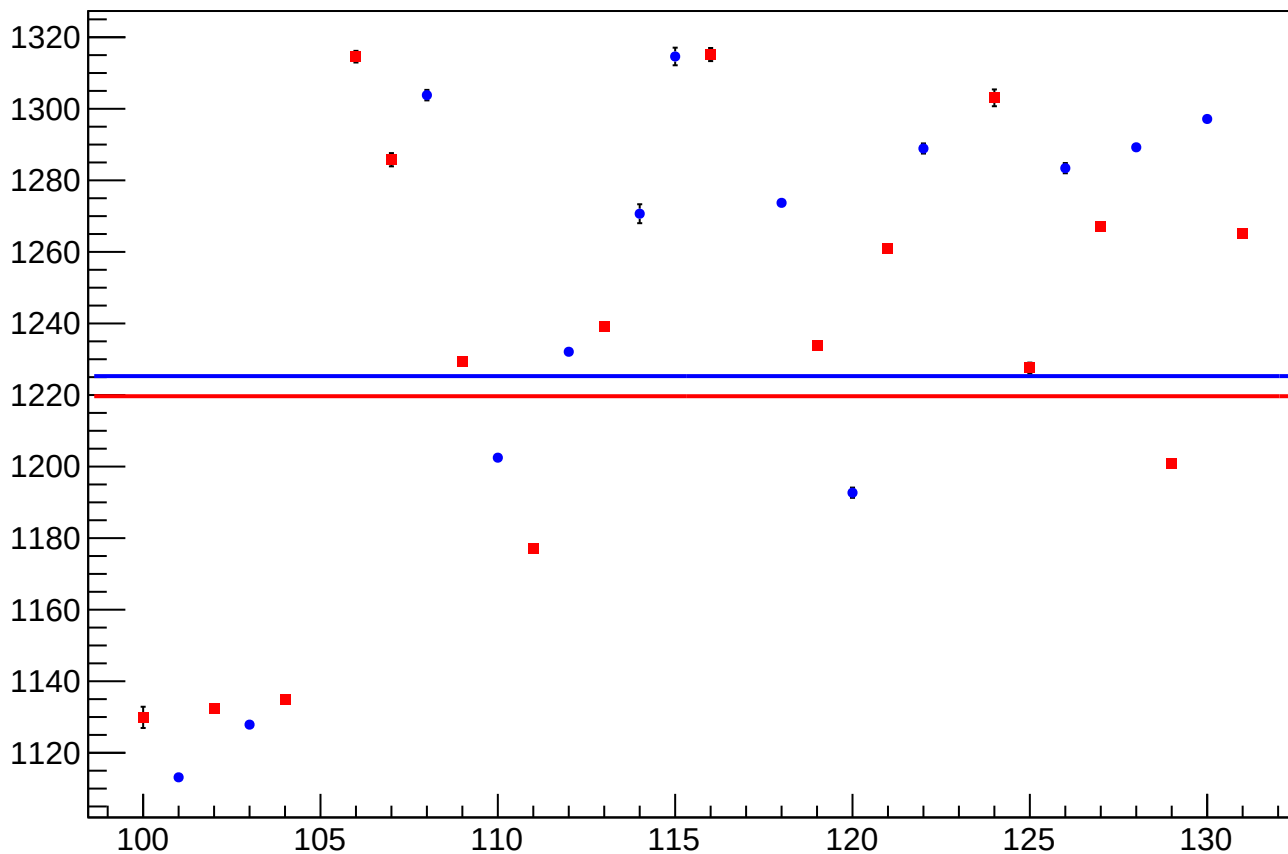
Right: -23.325+/-0.355 χ^2/NDF : 6222.9/28

In: -19.671+/-0.521 χ^2/NDF : 3242.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.325+/-0.355 χ^2/NDF : 6222.9/28

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1225.284+/-0.369 χ^2/NDF : 38694.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1219.667+/-0.343 χ^2/NDF : 28237.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

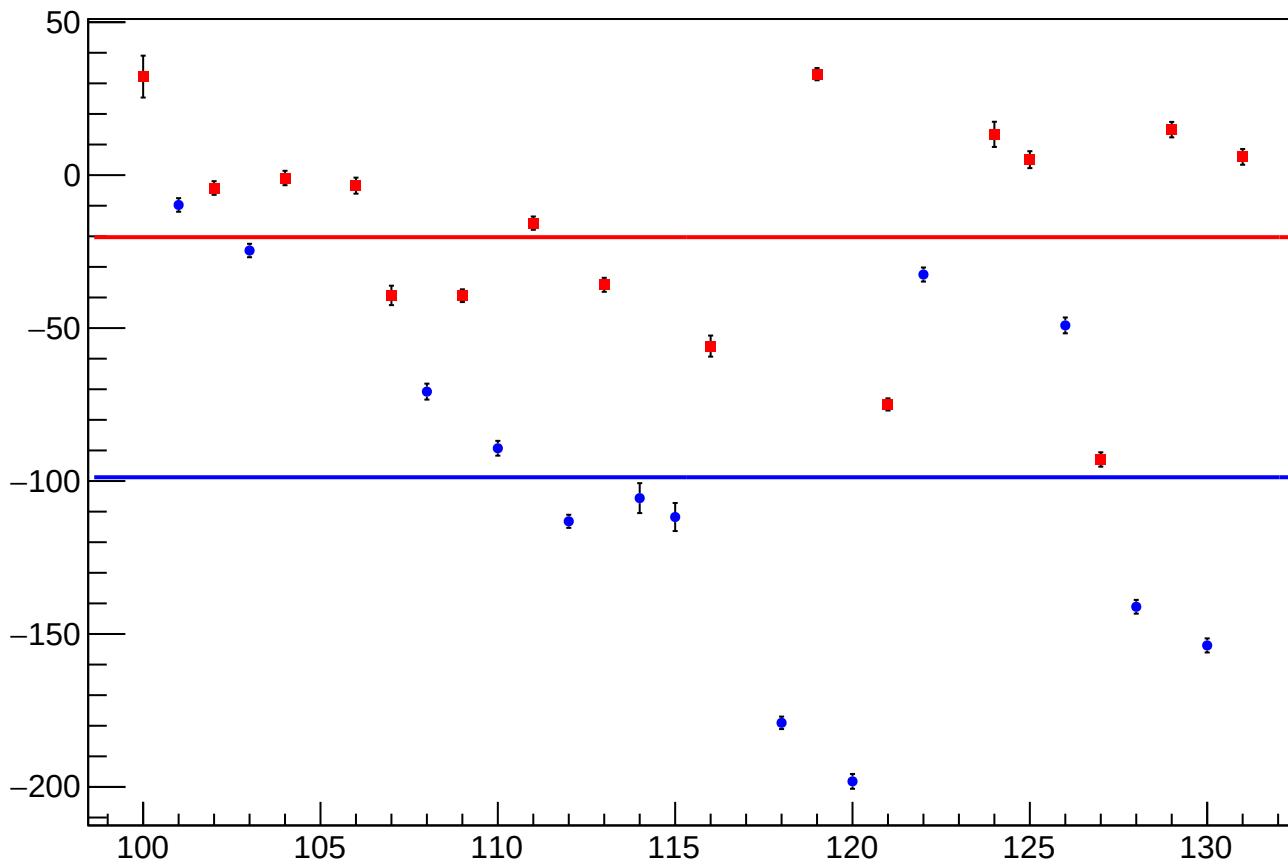
Right: 1222.271+/-0.251 χ^2/NDF : 67056.9/28

In: 1225.284+/-0.369 χ^2/NDF :38694.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1222.271+/-0.251 χ^2/NDF : 67056.9/28

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.764+/-0.679 χ^2/NDF : 8272.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -20.282+/-0.626 χ^2/NDF : 3382.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

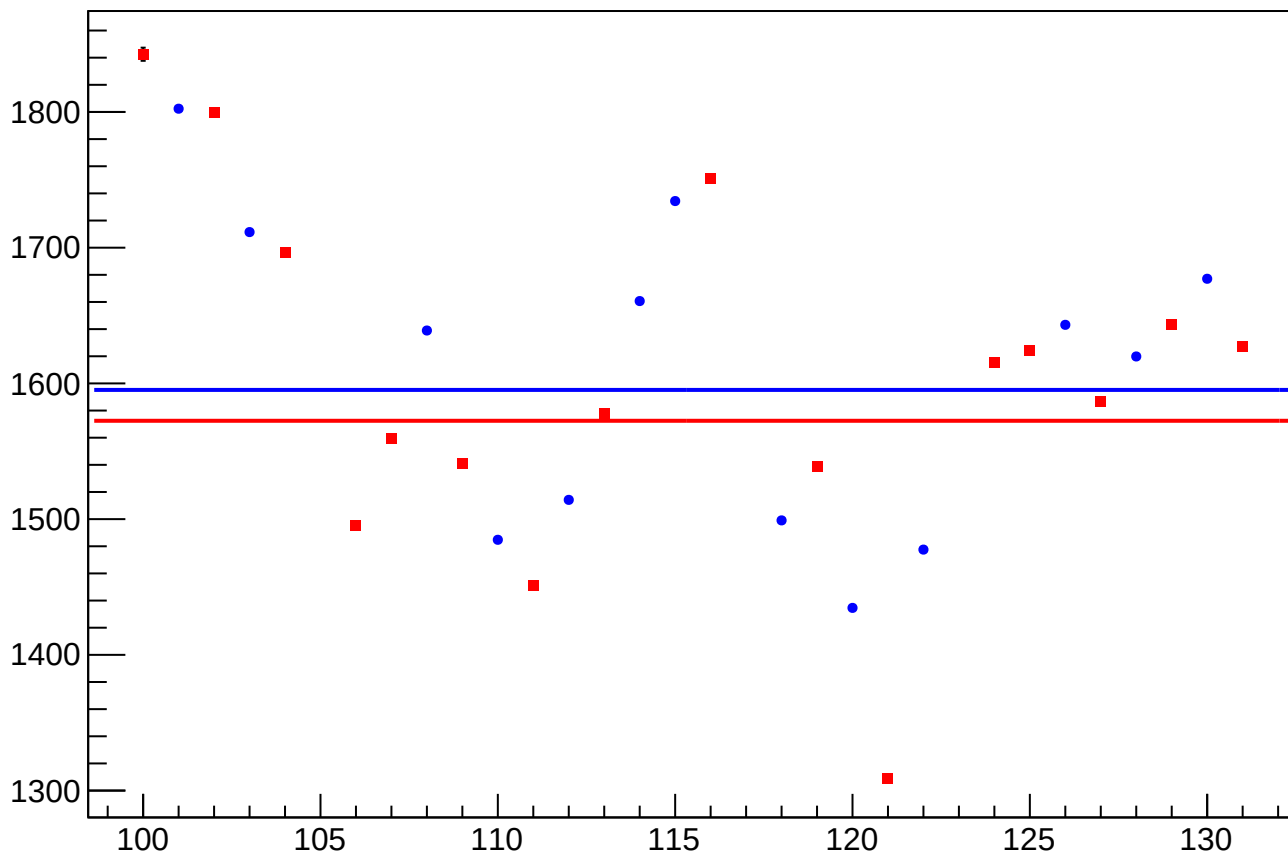
Right: -56.327+/-0.460 χ^2/NDF : 18871.9/28

In: -98.764+/-0.679 χ^2/NDF :8272.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -56.327+/-0.460 χ^2/NDF : 18871.9/28

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1595.203+/-0.480 χ^2/NDF : 54637.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.466+/-0.443 χ^2/NDF : 82744.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

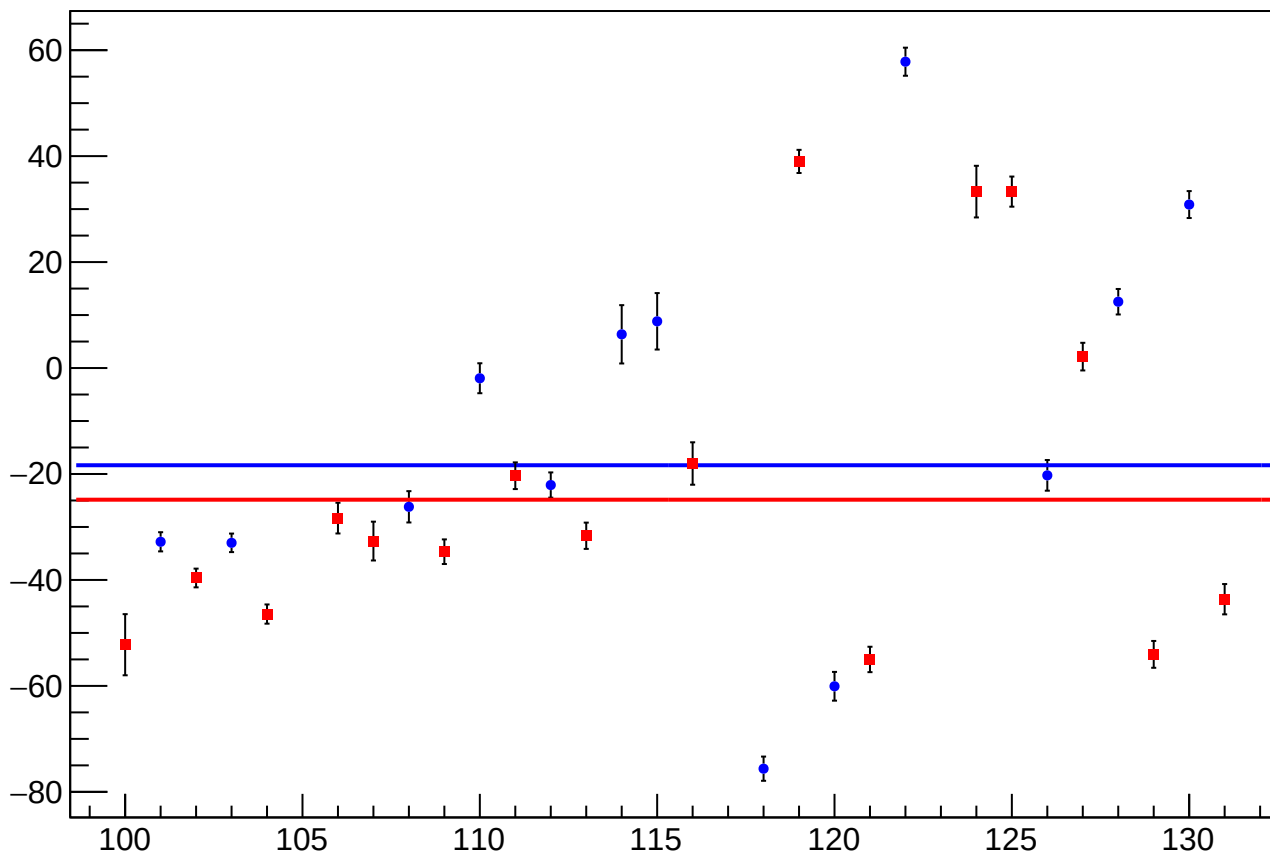
Right: 1582.908+/-0.326 χ^2/NDF : 138593.4/28

In: 1595.203+/-0.480 χ^2/NDF : 54637.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.908+/-0.326 χ^2/NDF : 138593.4/28

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -18.348+/-0.701 χ^2/NDF : 2452.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -24.852+/-0.647 χ^2/NDF : 2128.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

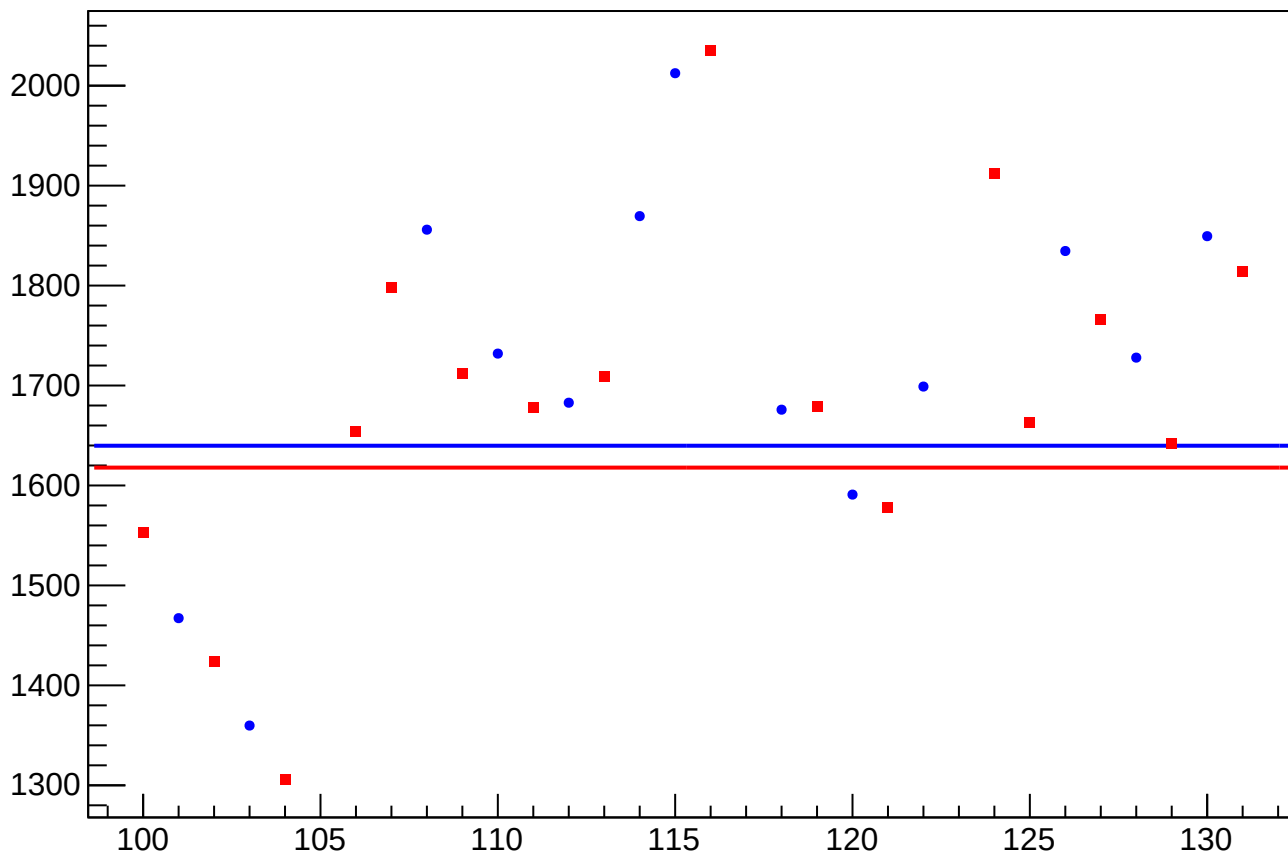
Right: -21.863+/-0.476 χ^2/NDF : 4627.7/28

In: -18.348+/-0.701 χ^2/NDF :2452.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -21.863+/-0.476 χ^2/NDF : 4627.7/28

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1639.761+/-0.496 χ^2/NDF : 123654.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1617.873+/-0.457 χ^2/NDF : 143478.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

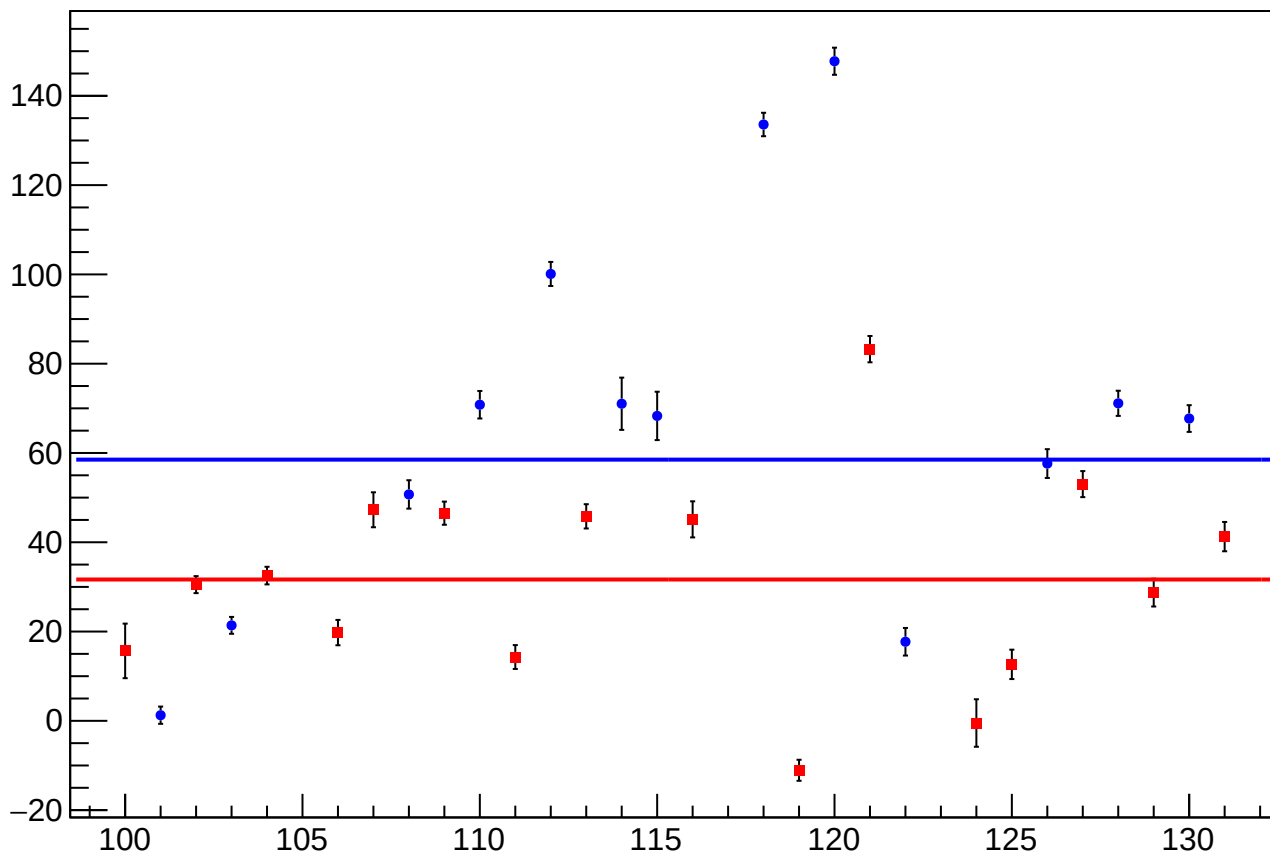
Right: 1627.933+/-0.336 χ^2/NDF : 268185.1/28

In: 1639.761+/-0.496 χ^2/NDF : 123654.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1627.933+/-0.336 χ^2/NDF : 268185.1/28

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 58.512 $\pm$ 0.780 χ^2 /NDF: 3417.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.660 $\pm$ 0.712 χ^2 /NDF: 922.9/15

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

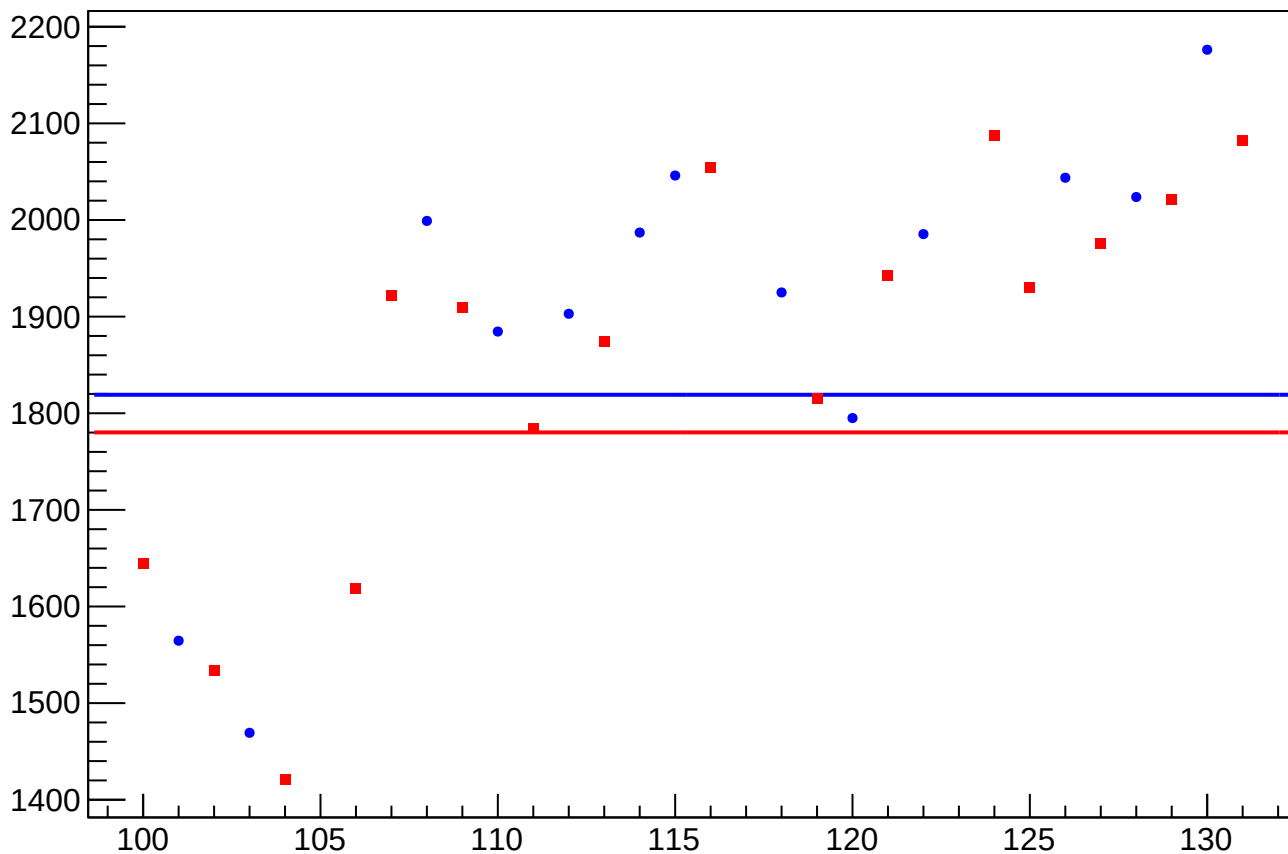
Right: 43.877 $\pm$ 0.526 χ^2 /NDF: 4986.4/28

In: 58.512 $\pm$ 0.780 χ^2 /NDF:3417.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.877 $\pm$ 0.526 χ^2 /NDF: 4986.4/28

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1819.120+/-0.551 χ^2/NDF : 175617.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1780.171+/-0.504 χ^2/NDF : 181656.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

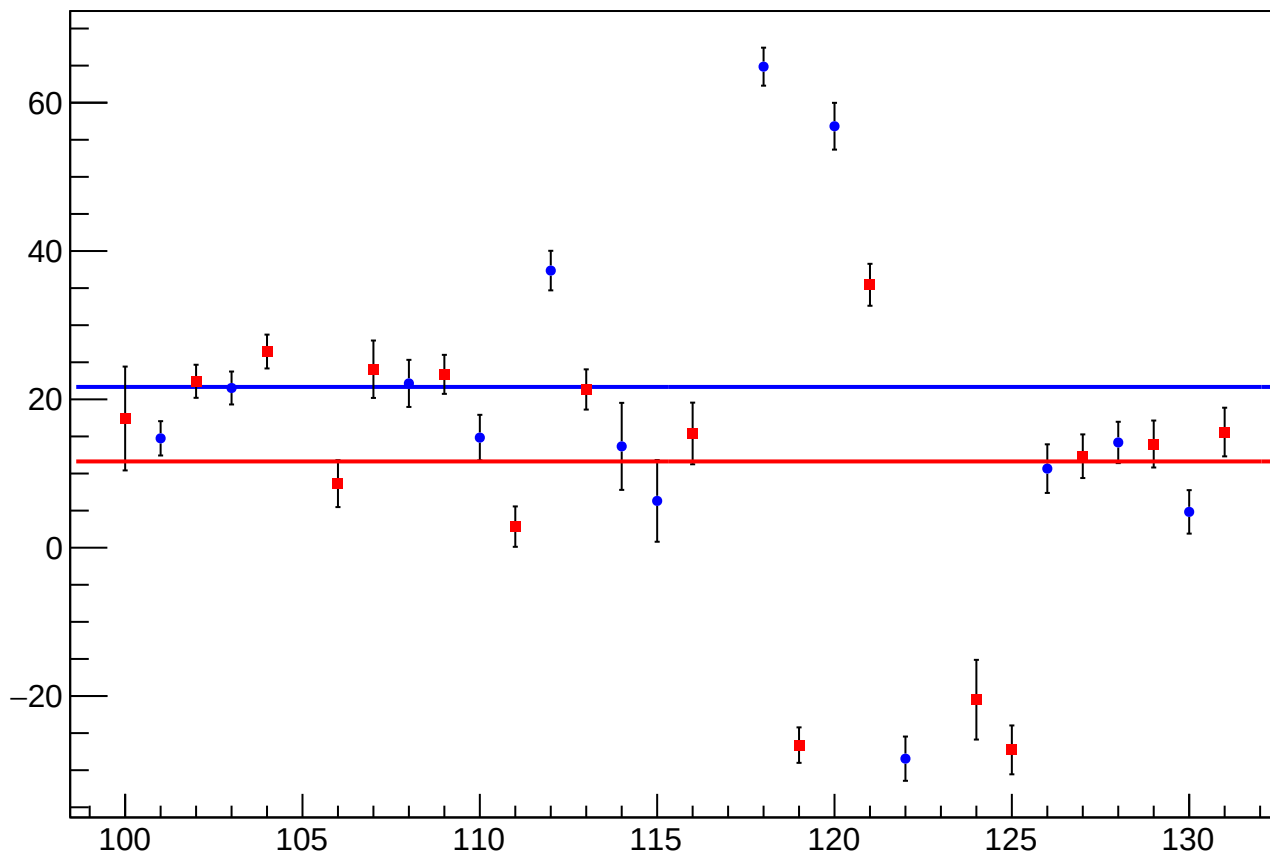
Right: 1797.891+/-0.372 χ^2/NDF : 359994.8/28

In: 1819.120+/-0.551 χ^2/NDF : 175617.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1797.891+/-0.372 χ^2/NDF : 359994.8/28

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 21.675+/-0.816 χ^2/NDF : 800.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.630+/-0.748 χ^2/NDF : 625.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

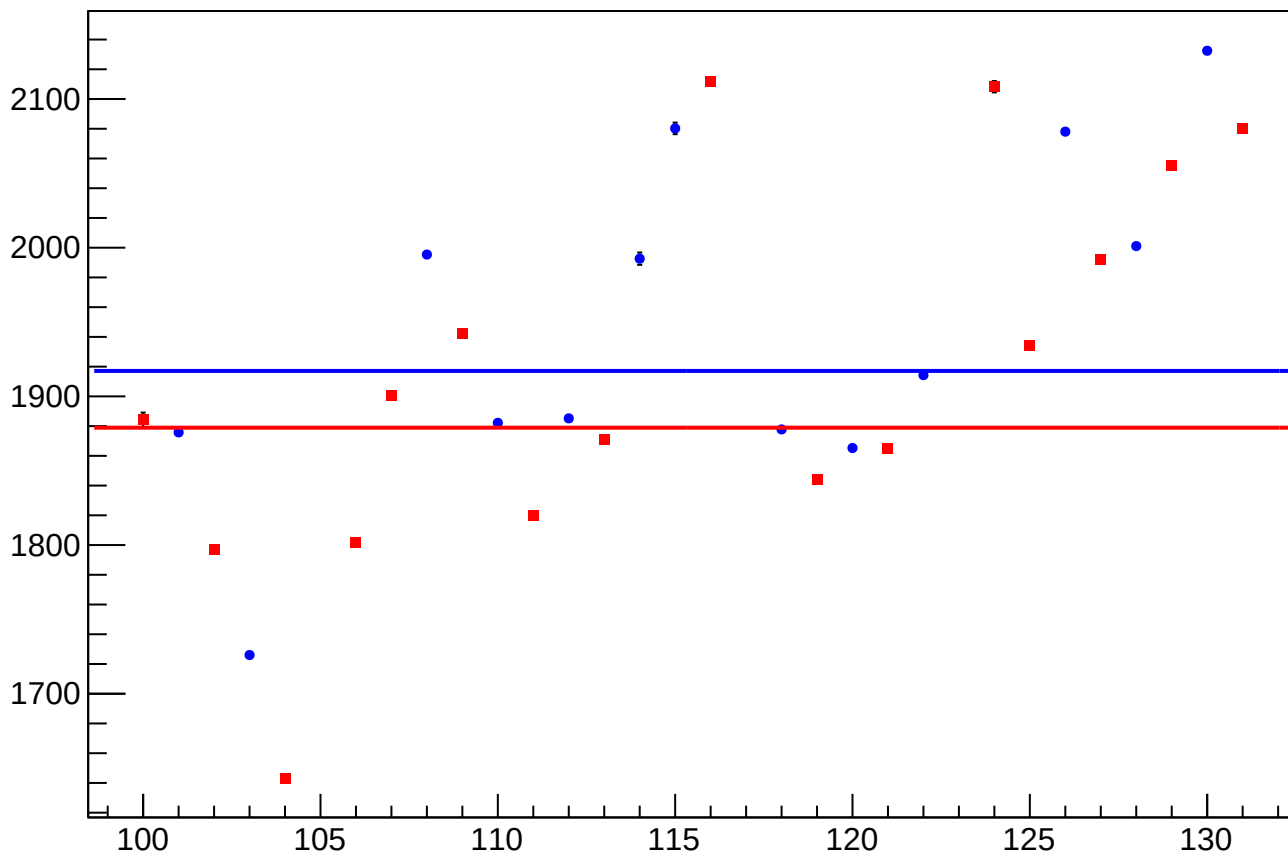
Right: 16.213+/-0.551 χ^2/NDF : 1508.1/28

In: 21.675+/-0.816 χ^2/NDF : 800.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.213+/-0.551 χ^2/NDF : 1508.1/28

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1917.112+/-0.577 χ^2/NDF : 37740.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1878.947+/-0.529 χ^2/NDF : 55085.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

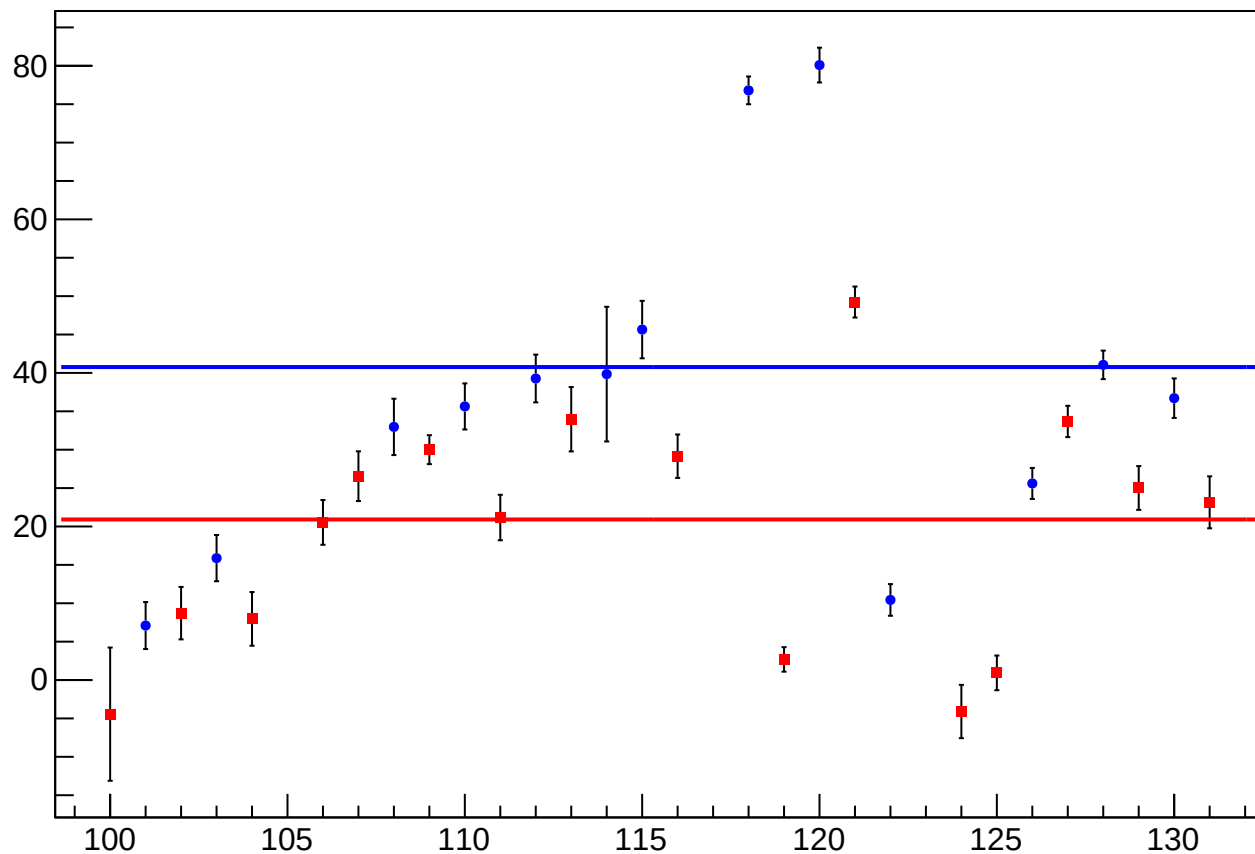
Right: 1896.360+/-0.390 χ^2/NDF : 95202.7/28

In: 1917.112+/-0.577 χ^2/NDF : 37740.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1896.360+/-0.390 χ^2/NDF : 95202.7/28

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 40.765+/-0.705 χ^2/NDF : 1172.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.913+/-0.654 χ^2/NDF : 578.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

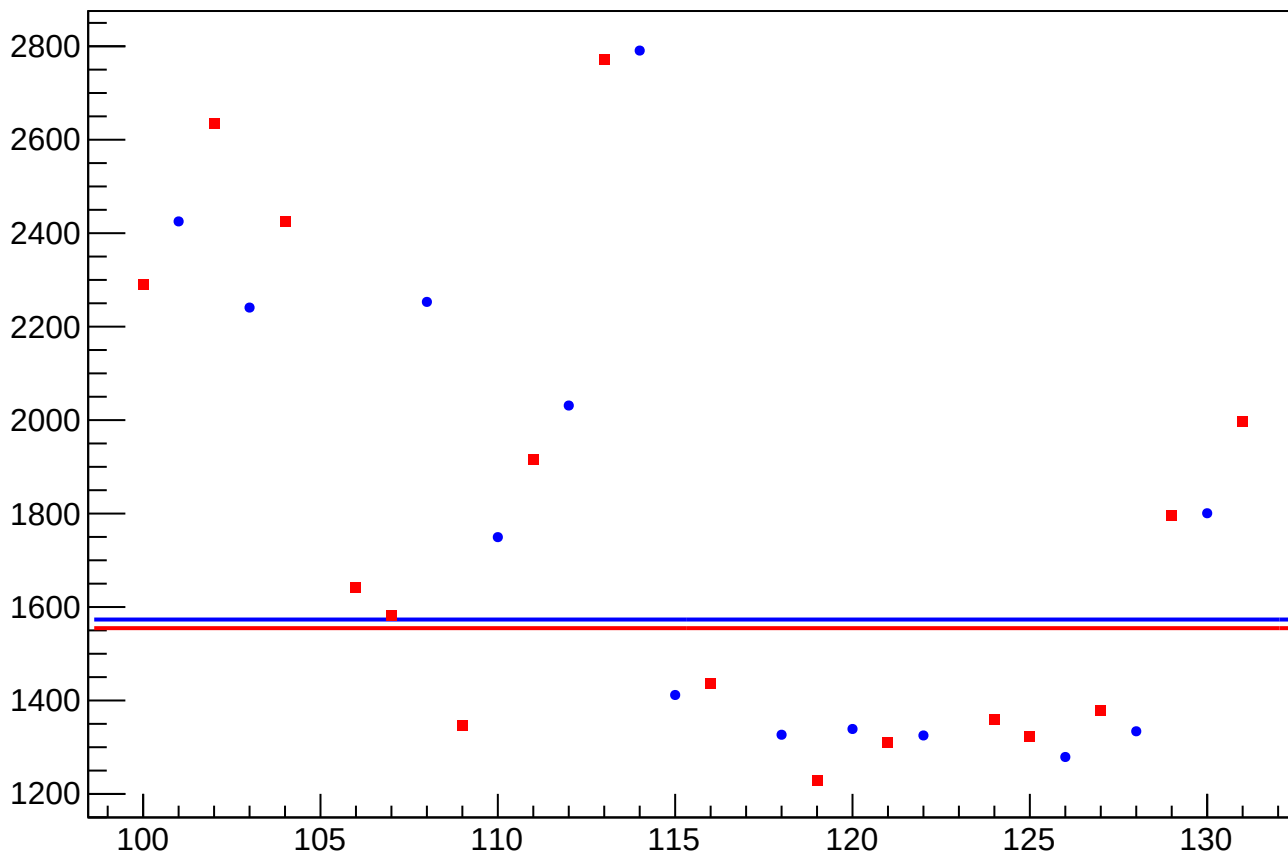
Right: 30.095+/-0.479 χ^2/NDF : 2177.3/28

In: 40.765+/-0.705 χ^2/NDF : 1172.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.095+/-0.479 χ^2/NDF : 2177.3/28

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1573.253+/-0.498 χ^2/NDF : 593314.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1554.775+/-0.462 χ^2/NDF : 769888.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

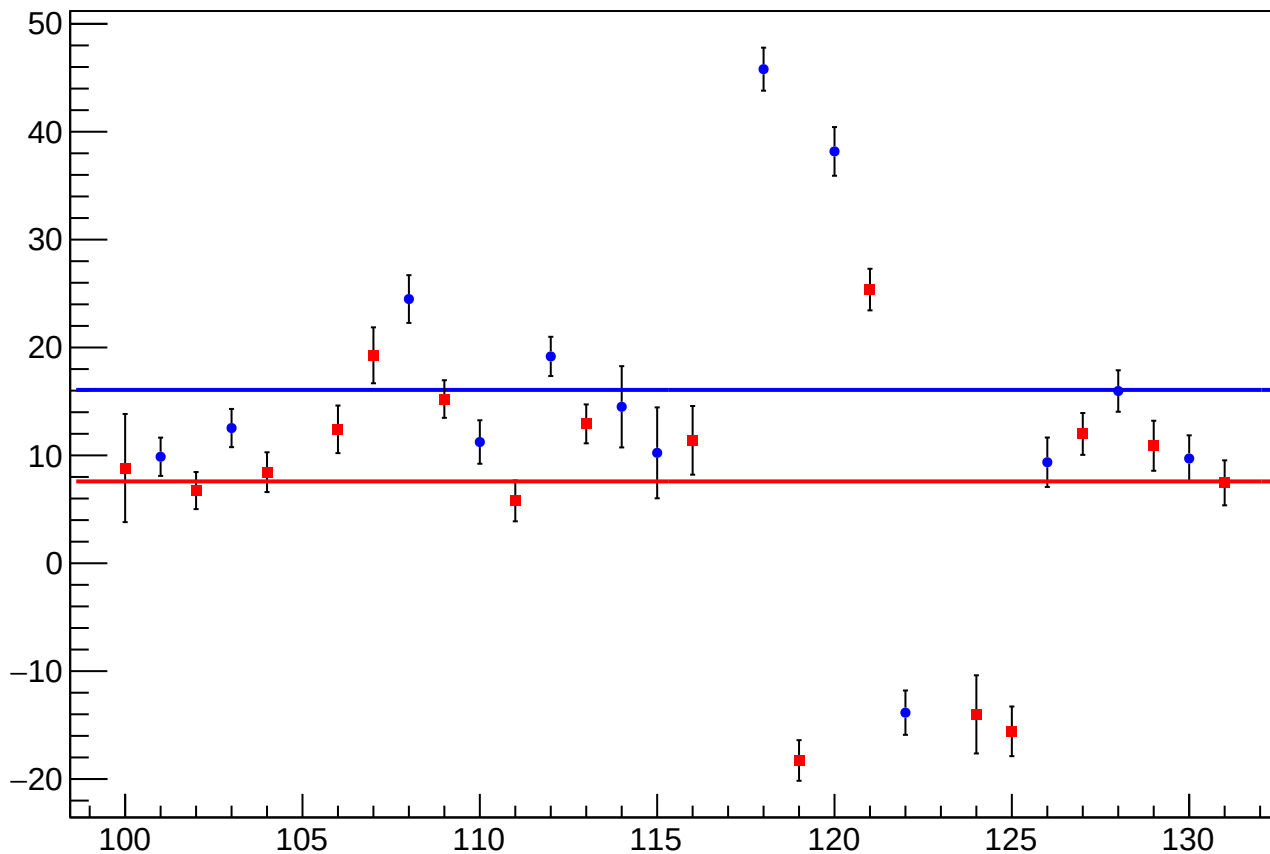
Right: 1563.322+/-0.339 χ^2/NDF : 1363941.8/28

In: 1573.253+/-0.498 χ^2/NDF : 593314.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.322+/-0.339 χ^2/NDF : 1363941.8/28

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.069+/-0.589 χ^2/NDF : 589.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.587+/-0.532 χ^2/NDF : 473.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

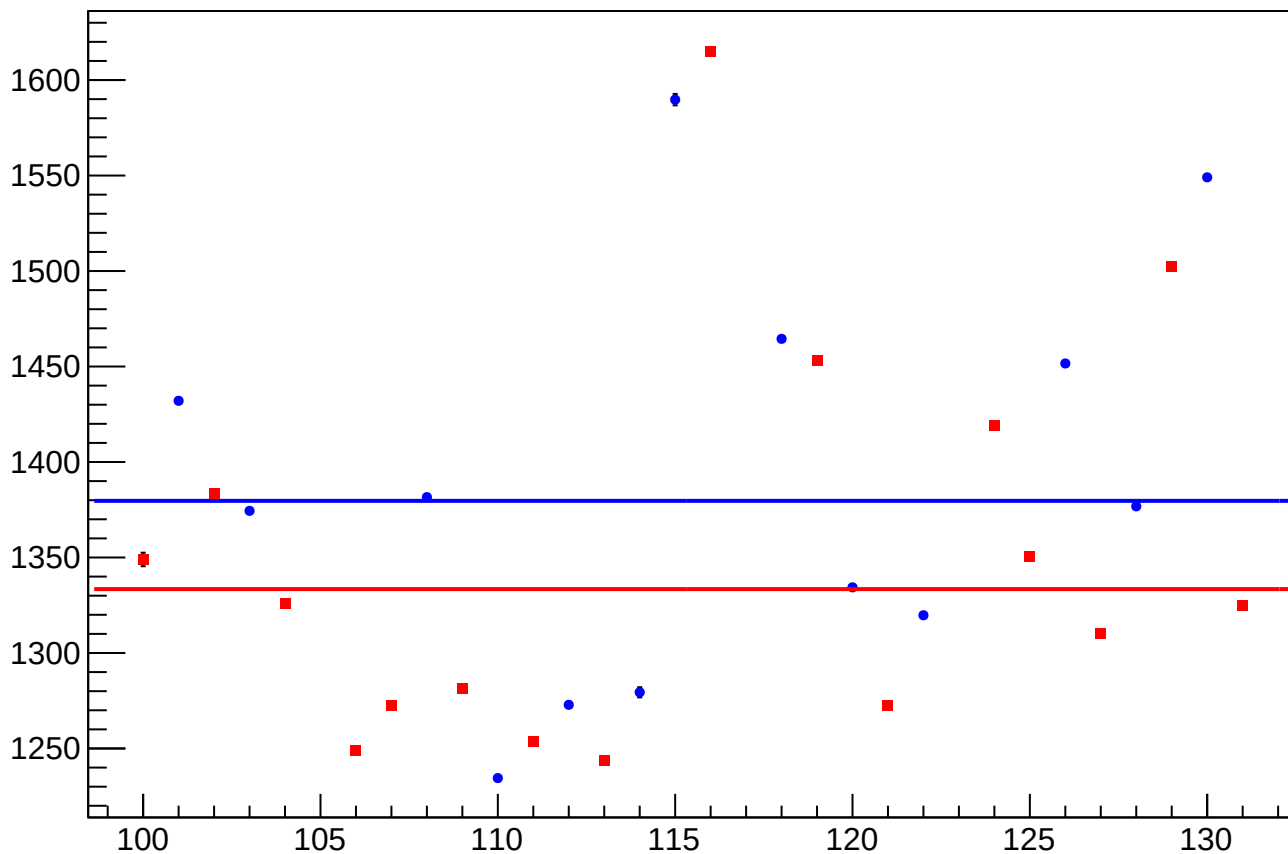
Right: 11.392+/-0.395 χ^2/NDF : 1177.1/28

In: 16.069+/-0.589 χ^2/NDF : 589.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.392+/-0.395 χ^2/NDF : 1177.1/28

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1379.657+/-0.417 χ^2/NDF : 45952.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.446+/-0.376 χ^2/NDF : 53982.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

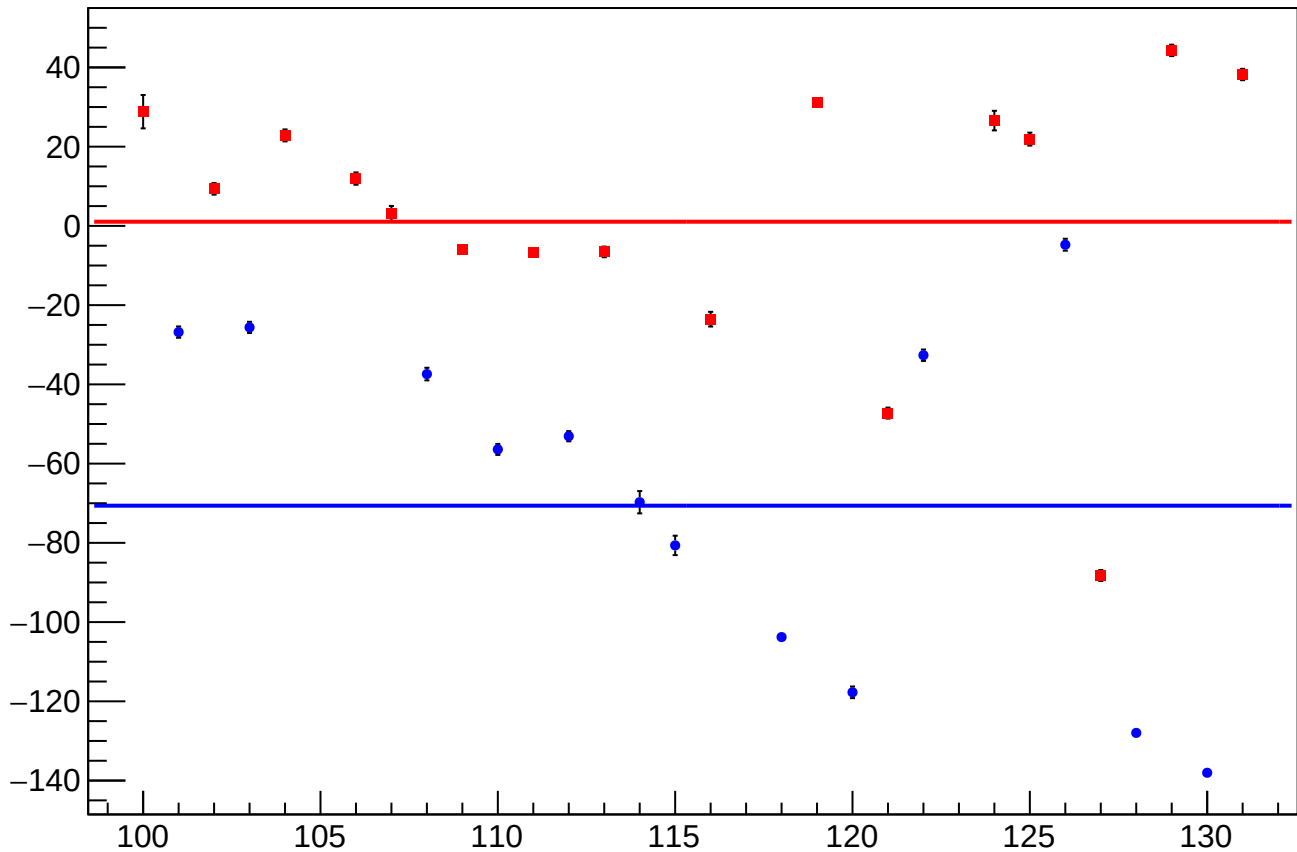
Right: 1354.177+/-0.279 χ^2/NDF : 106713.9/28

In: 1379.657+/-0.417 χ^2/NDF : 45952.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.177+/-0.279 χ^2/NDF : 106713.9/28

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -70.622 $\pm$ 0.405 χ^2 /NDF: 11899.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.057 $\pm$ 0.377 χ^2 /NDF: 8415.9/15

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

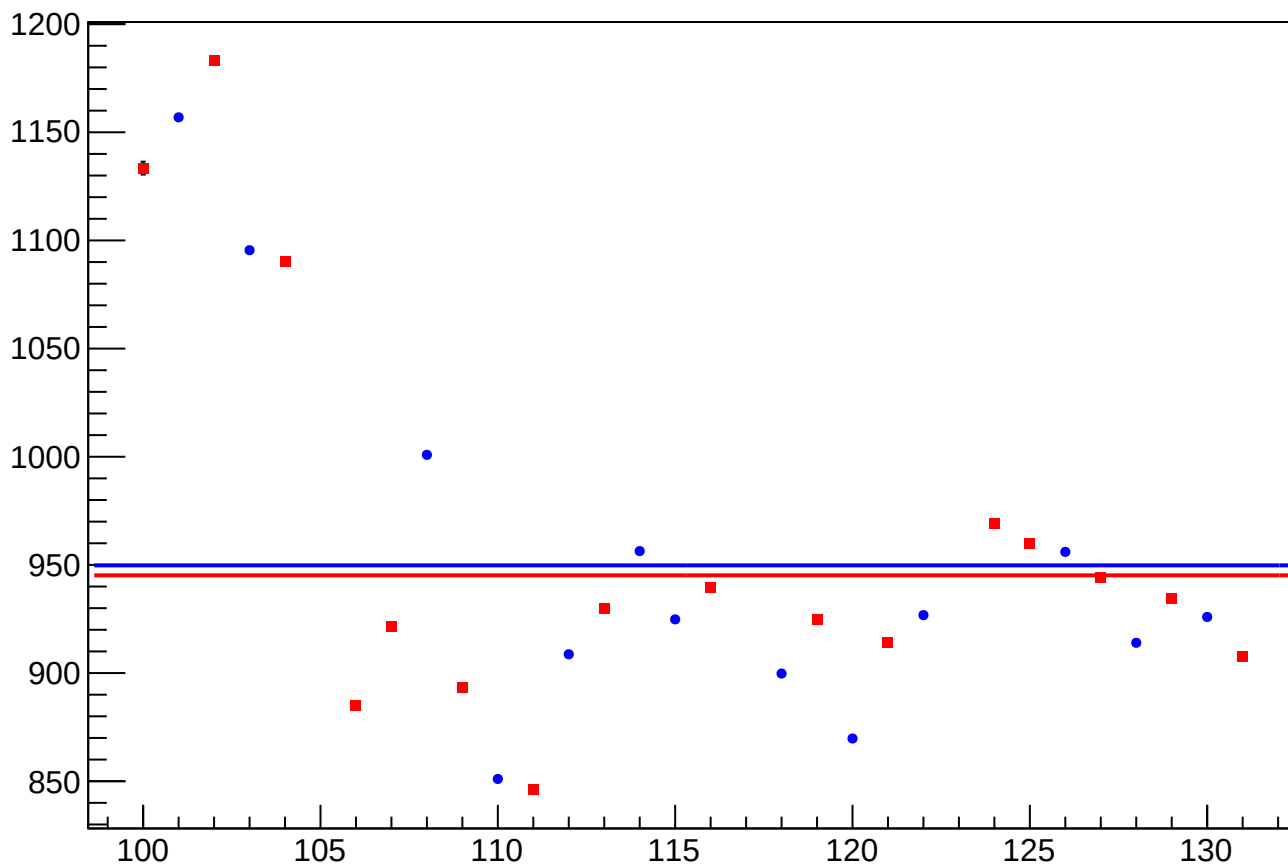
Right: -32.163 $\pm$ 0.276 χ^2 /NDF: 37104.5/28

In: -70.622 $\pm$ 0.405 χ^2 /NDF:11899.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.163 $\pm$ 0.276 χ^2 /NDF: 37104.5/28

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 949.780+/-0.287 χ^2/NDF : 89978.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 945.172+/-0.266 χ^2/NDF : 97776.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

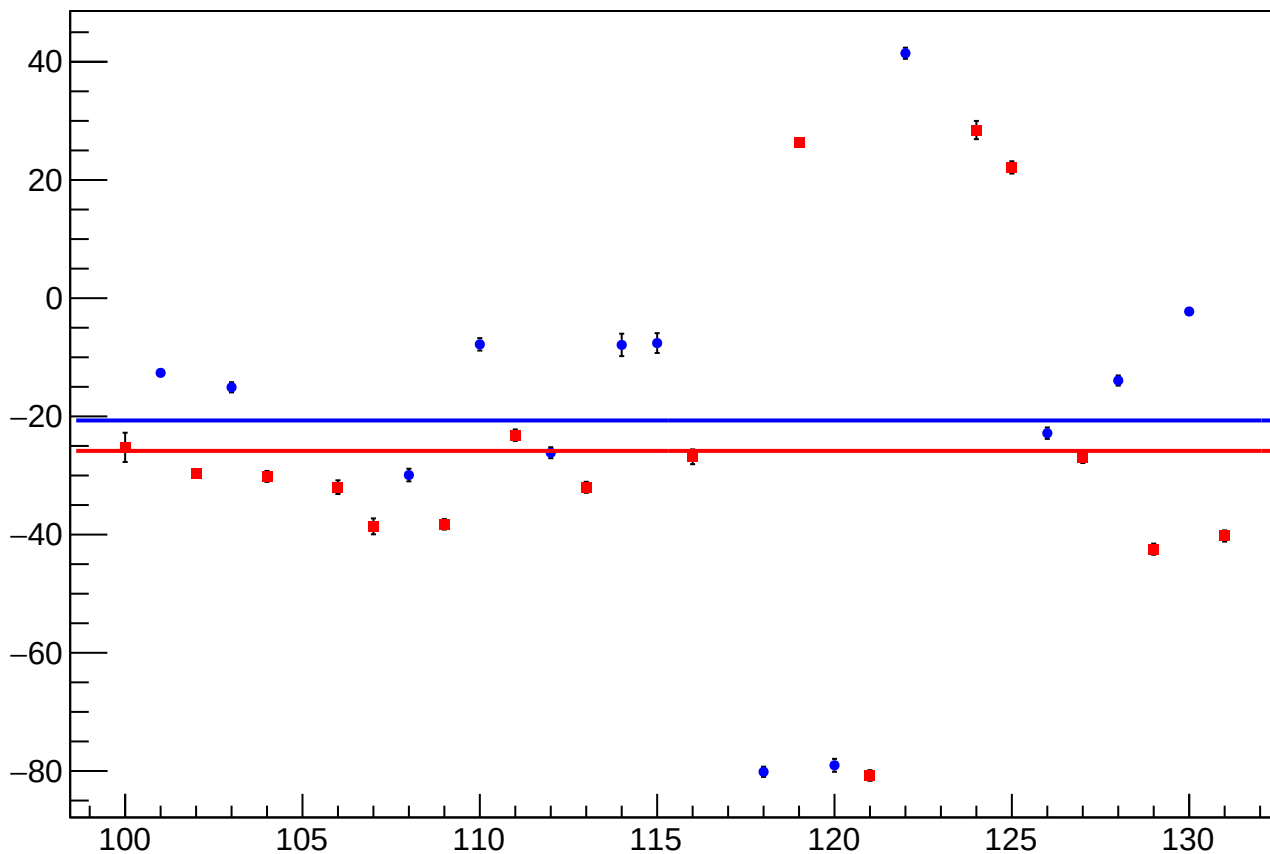
Right: 947.308+/-0.195 χ^2/NDF : 187893.7/28

In: 949.780+/-0.287 χ^2/NDF :89978.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 947.308+/-0.195 χ^2/NDF : 187893.7/28

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -20.691+/-0.271 χ^2/NDF : 13003.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.840+/-0.252 χ^2/NDF : 12188.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

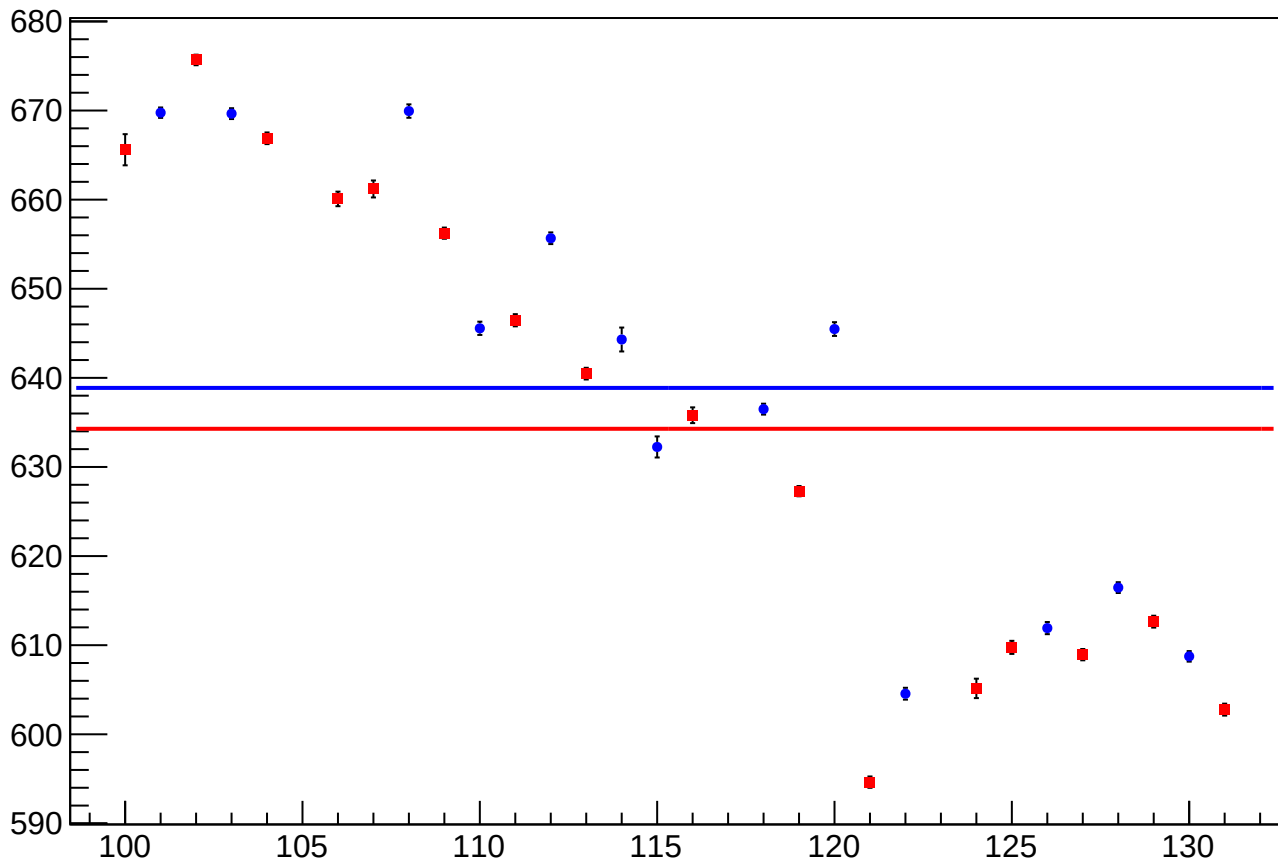
Right: -23.459+/-0.185 χ^2/NDF : 25384.8/28

In: -20.691+/-0.271 χ^2/NDF : 13003.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.459+/-0.185 χ^2/NDF : 25384.8/28

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 638.873+/-0.192 χ^2/NDF : 16114.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 634.285+/-0.178 χ^2/NDF : 21825.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

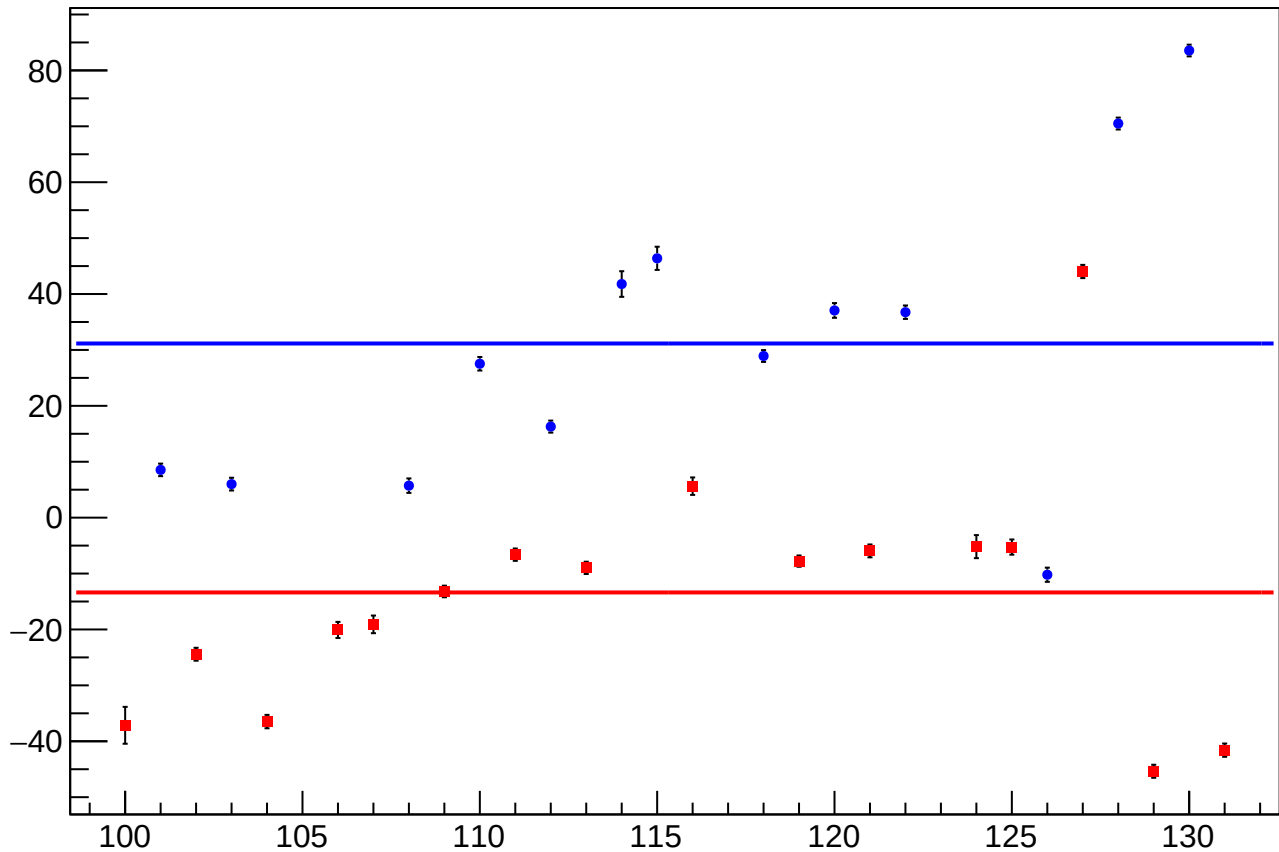
Right: 636.407+/-0.131 χ^2/NDF : 38247.4/28

In: 638.873+/-0.192 χ^2/NDF :16114.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 636.407+/-0.131 χ^2/NDF : 38247.4/28

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 31.150+/-0.339 χ^2/NDF : 6528.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.380+/-0.315 χ^2/NDF : 4545.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

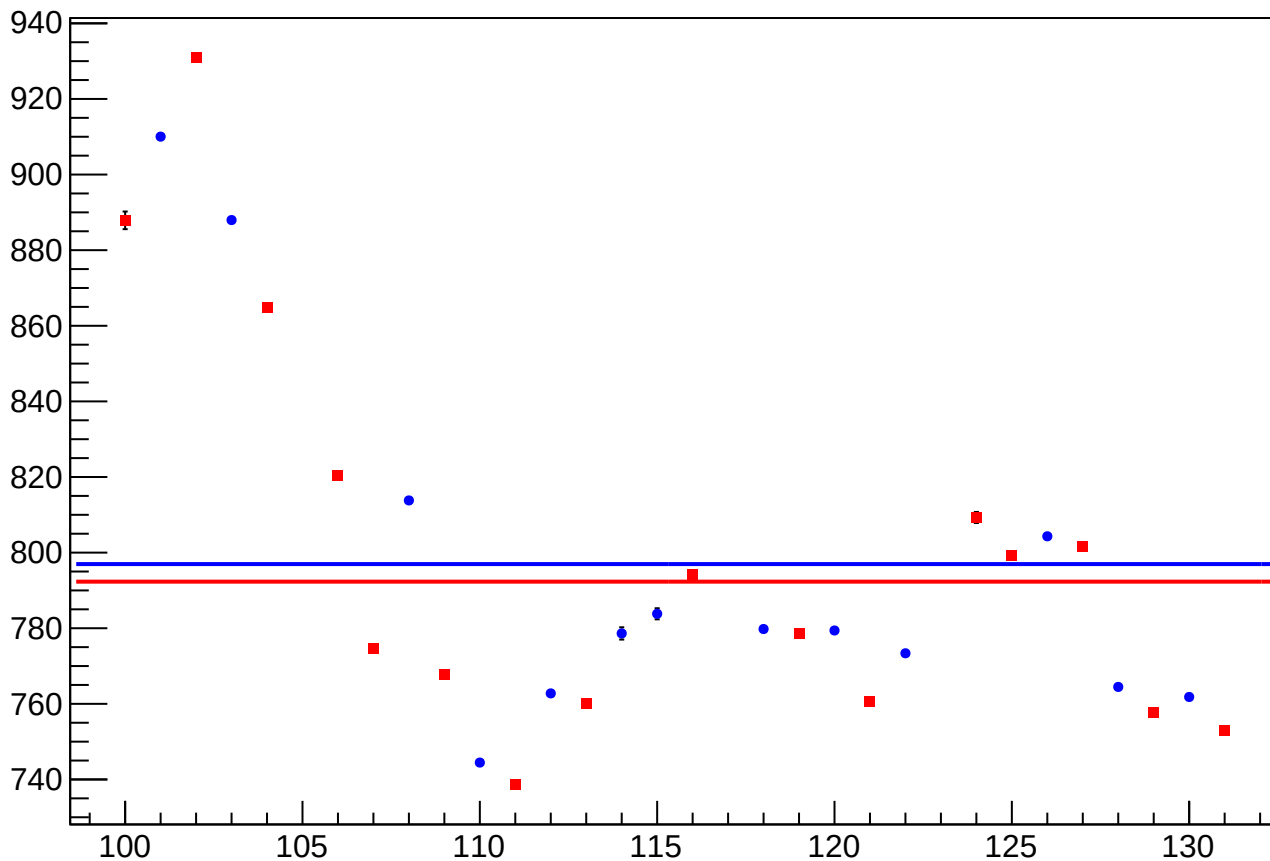
Right: 7.242+/-0.231 χ^2/NDF : 20325.0/28

In: 31.150+/-0.339 χ^2/NDF : 6528.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.242+/-0.231 χ^2/NDF : 20325.0/28

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 796.968 $\pm$ 0.240 χ^2 /NDF: 45103.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 792.322 $\pm$ 0.223 χ^2 /NDF: 52469.0/15

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

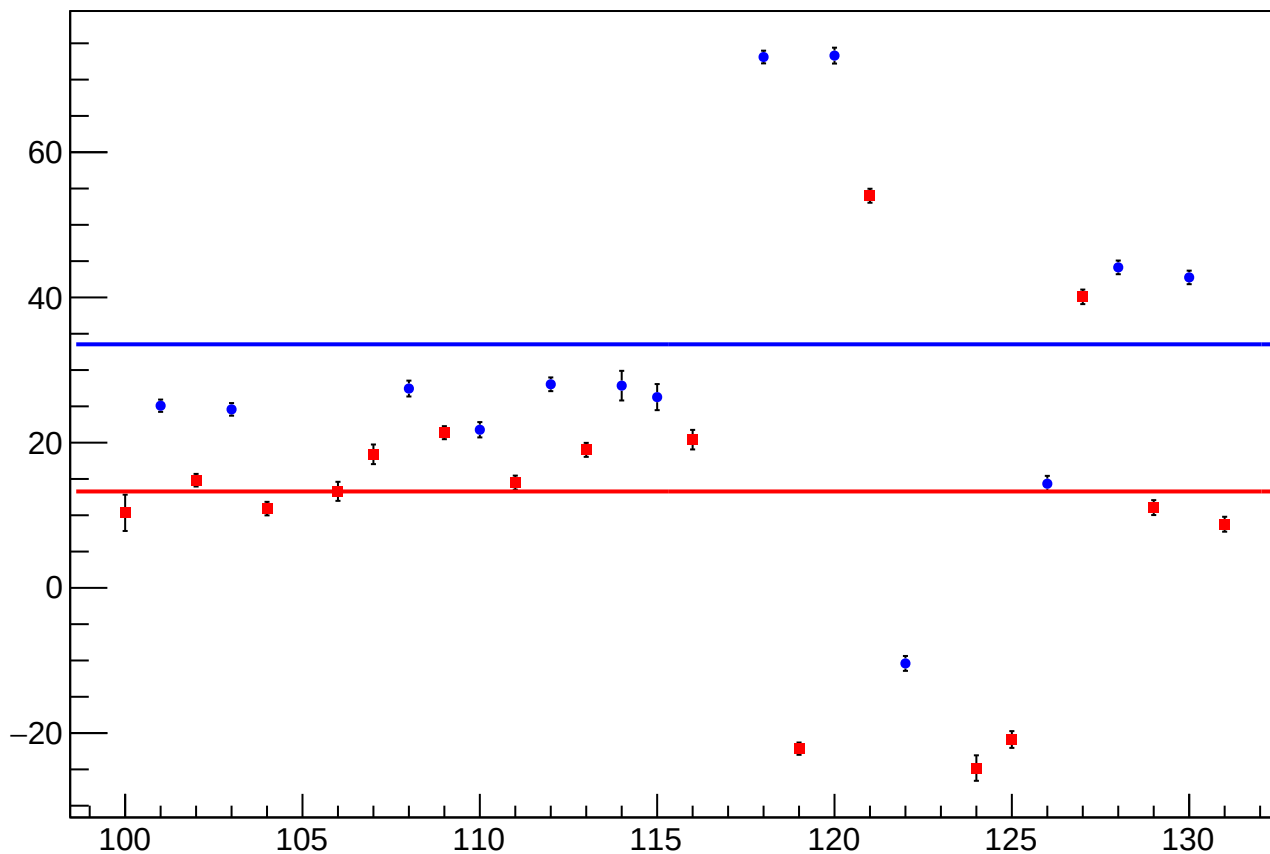
Right: 794.474 $\pm$ 0.163 χ^2 /NDF: 97774.0/28

In: 796.968 $\pm$ 0.240 χ^2 /NDF:45103.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 794.474 $\pm$ 0.163 χ^2 /NDF: 97774.0/28

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 33.543+/-0.285 χ^2/NDF : 6154.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.278+/-0.266 χ^2/NDF : 5796.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

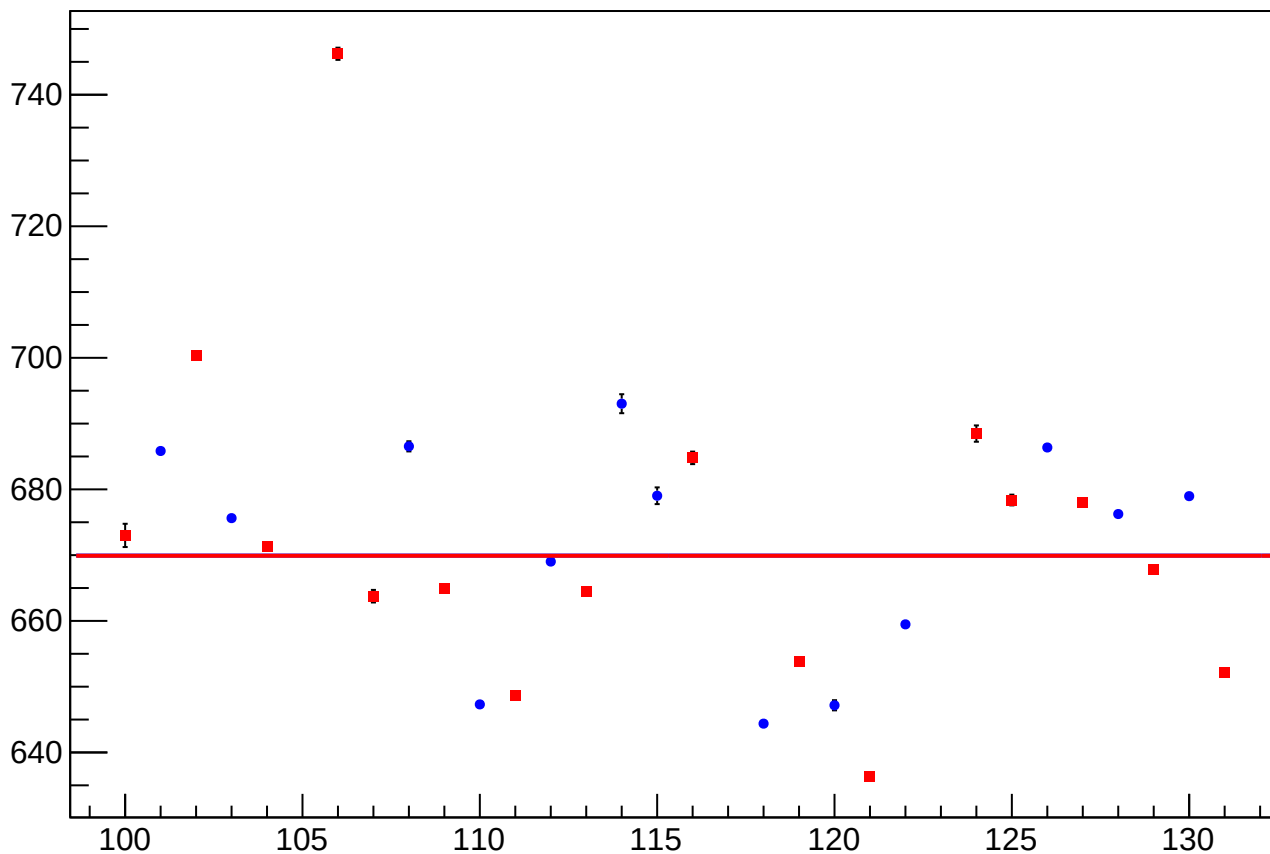
Right: 22.727+/-0.194 χ^2/NDF : 14656.8/28

In: 33.543+/-0.285 χ^2/NDF : 6154.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.727+/-0.194 χ^2/NDF : 14656.8/28

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 669.933 $\pm$ 0.201 χ^2 /NDF: 5996.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 669.906 $\pm$ 0.188 χ^2 /NDF: 14820.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

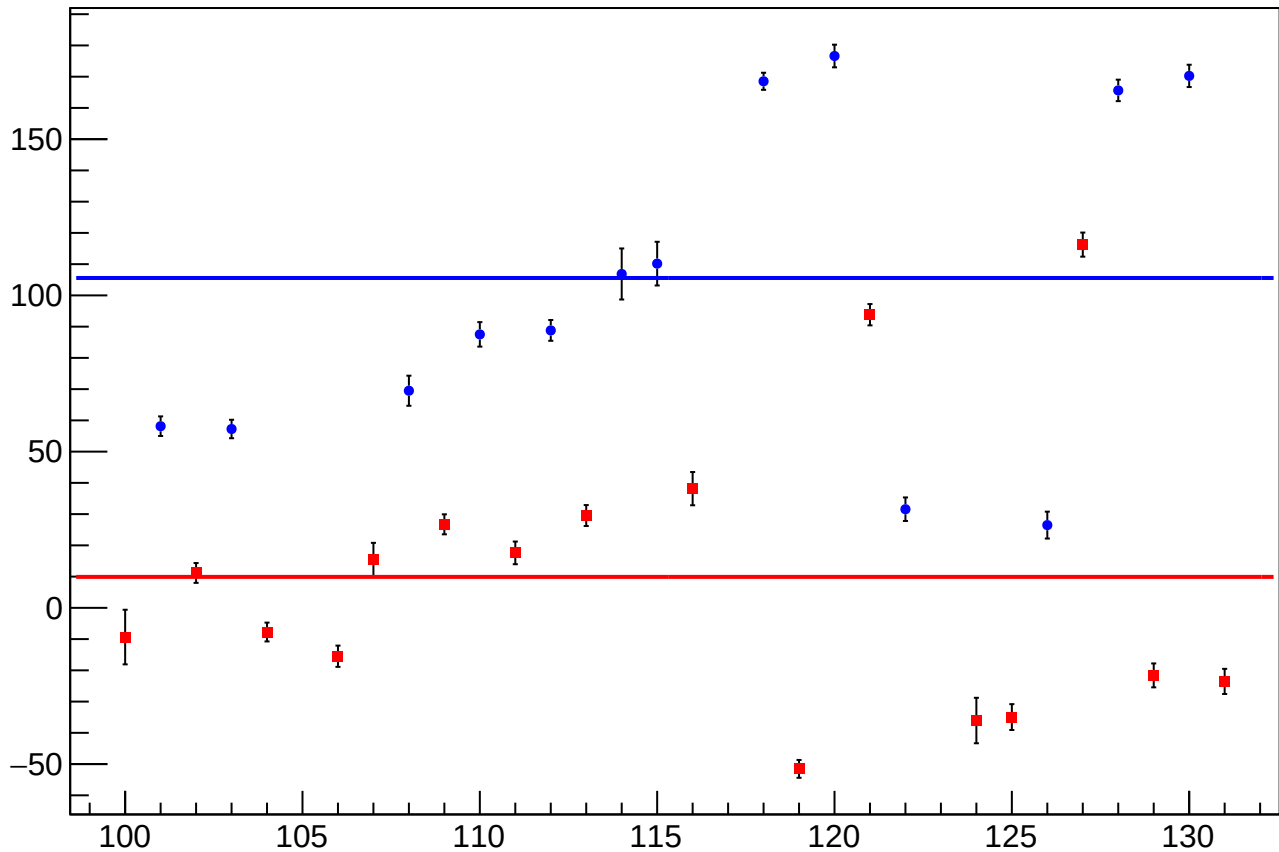
Right: 669.919 $\pm$ 0.137 χ^2 /NDF: 20817.6/28

In: 669.933 $\pm$ 0.201 χ^2 /NDF:5996.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 669.919 $\pm$ 0.137 χ^2 /NDF: 20817.6/28

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 105.577 $\pm$ 1.027 χ^2 /NDF: 2871.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.912 $\pm$ 0.943 χ^2 /NDF: 2314.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

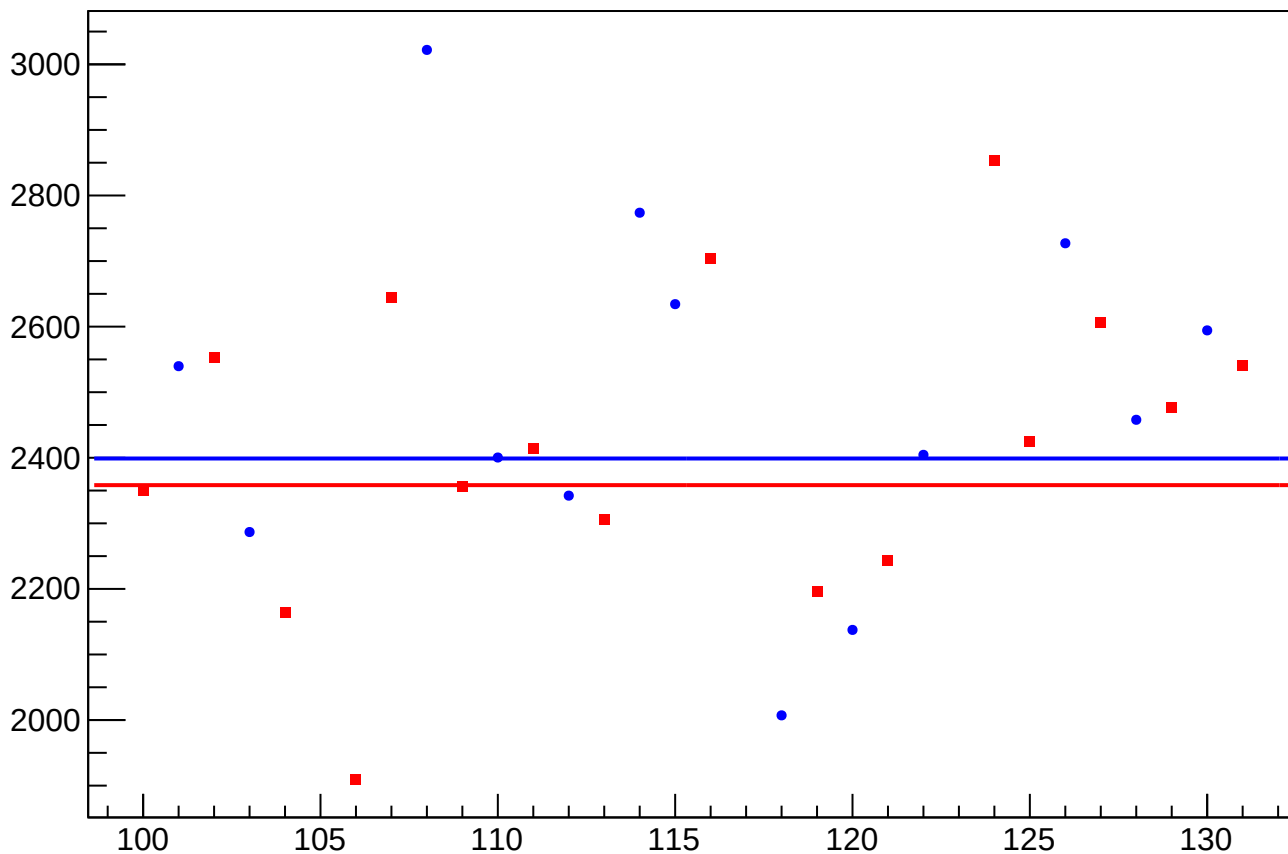
Right: 53.663 $\pm$ 0.695 χ^2 /NDF: 9892.2/28

In: 105.577 $\pm$ 1.027 χ^2 /NDF:2871.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.663 $\pm$ 0.695 χ^2 /NDF: 9892.2/28

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2398.893+/-0.726 χ^2/NDF : 117152.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.263+/-0.667 χ^2/NDF : 98537.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

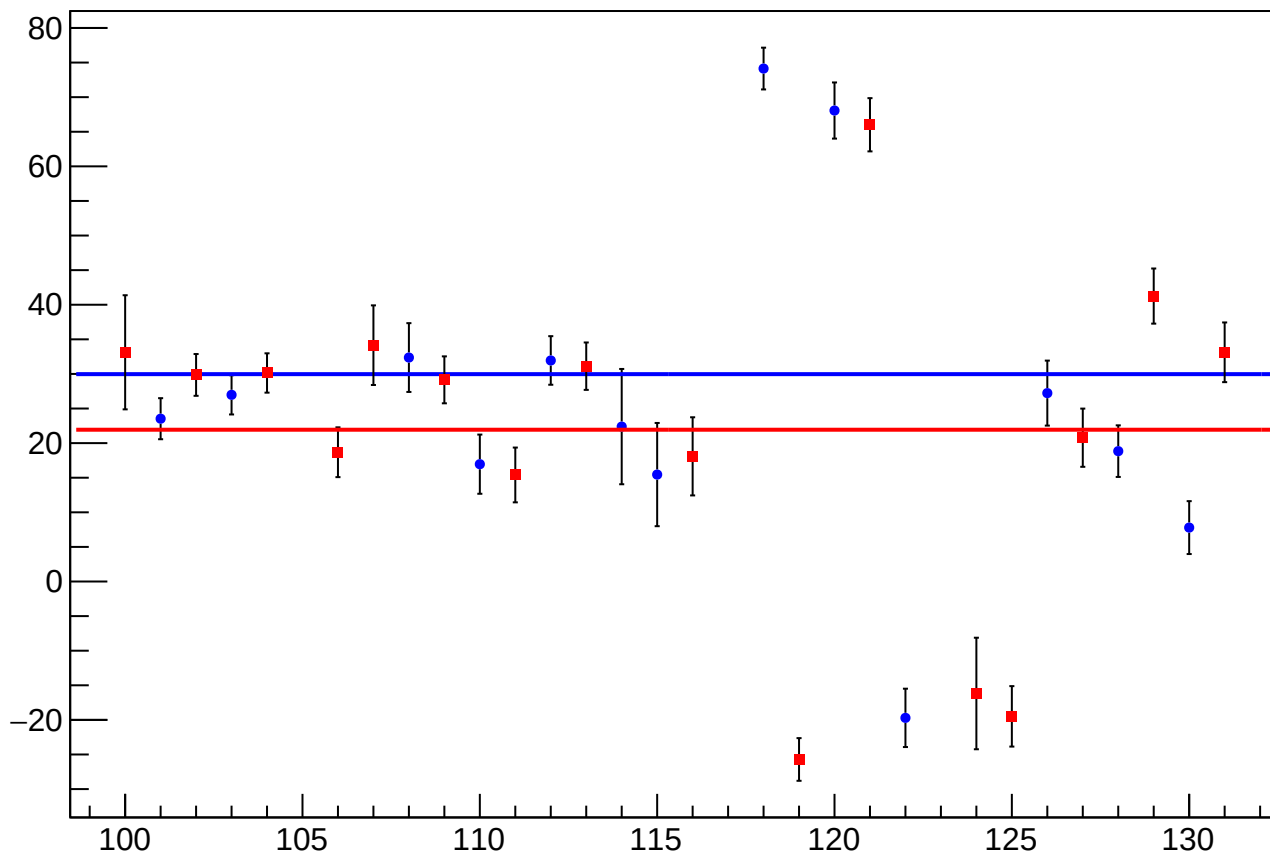
Right: 2376.844+/-0.491 χ^2/NDF : 217387.5/28

In: 2398.893+/-0.726 χ^2/NDF : 117152.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2376.844+/-0.491 χ^2/NDF : 217387.5/28

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 29.969+/-1.079 χ^2/NDF : 504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.936+/-0.982 χ^2/NDF : 549.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

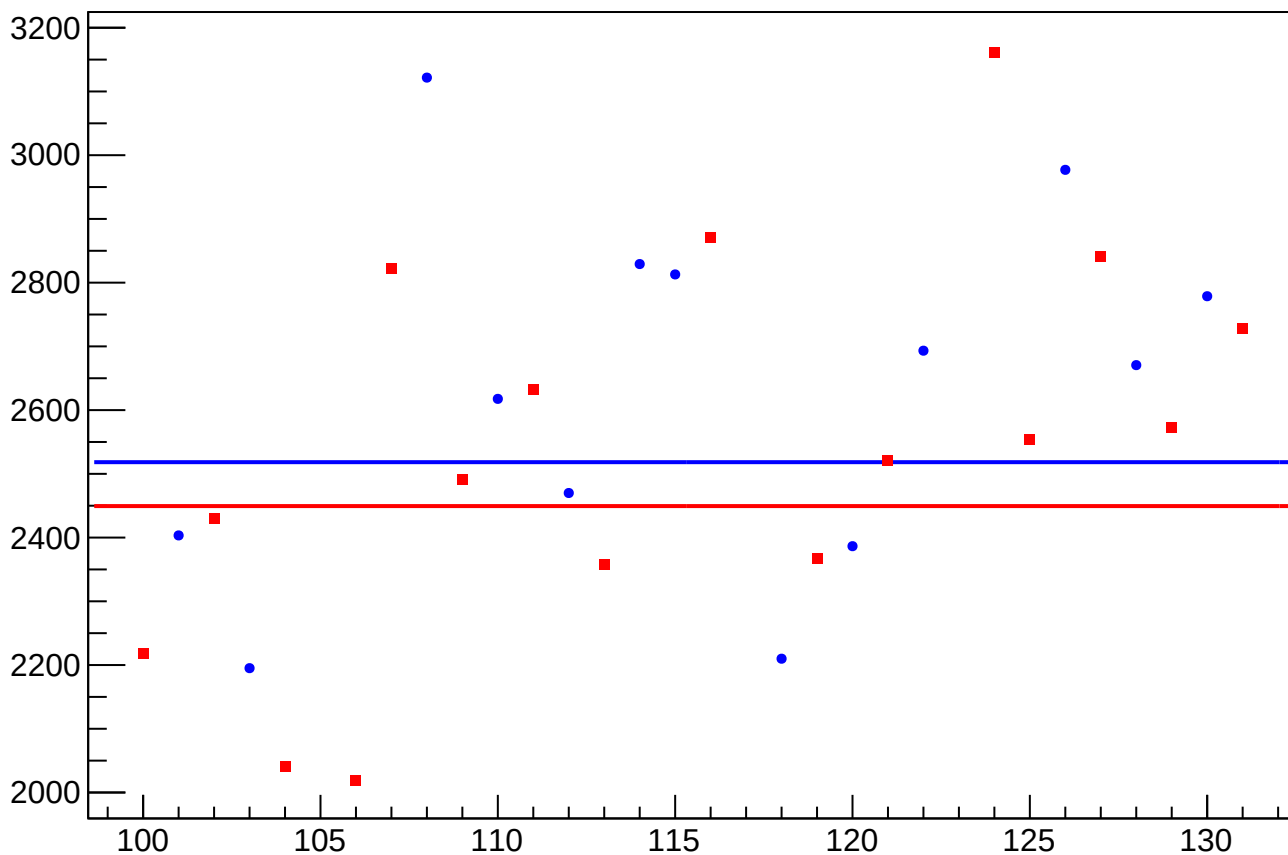
Right: 25.576+/-0.726 χ^2/NDF : 1084.5/28

In: 29.969+/-1.079 χ^2/NDF : 504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.576+/-0.726 χ^2/NDF : 1084.5/28

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2518.314+/-0.763 χ^2/NDF : 123920.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.414+/-0.695 χ^2/NDF : 143529.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

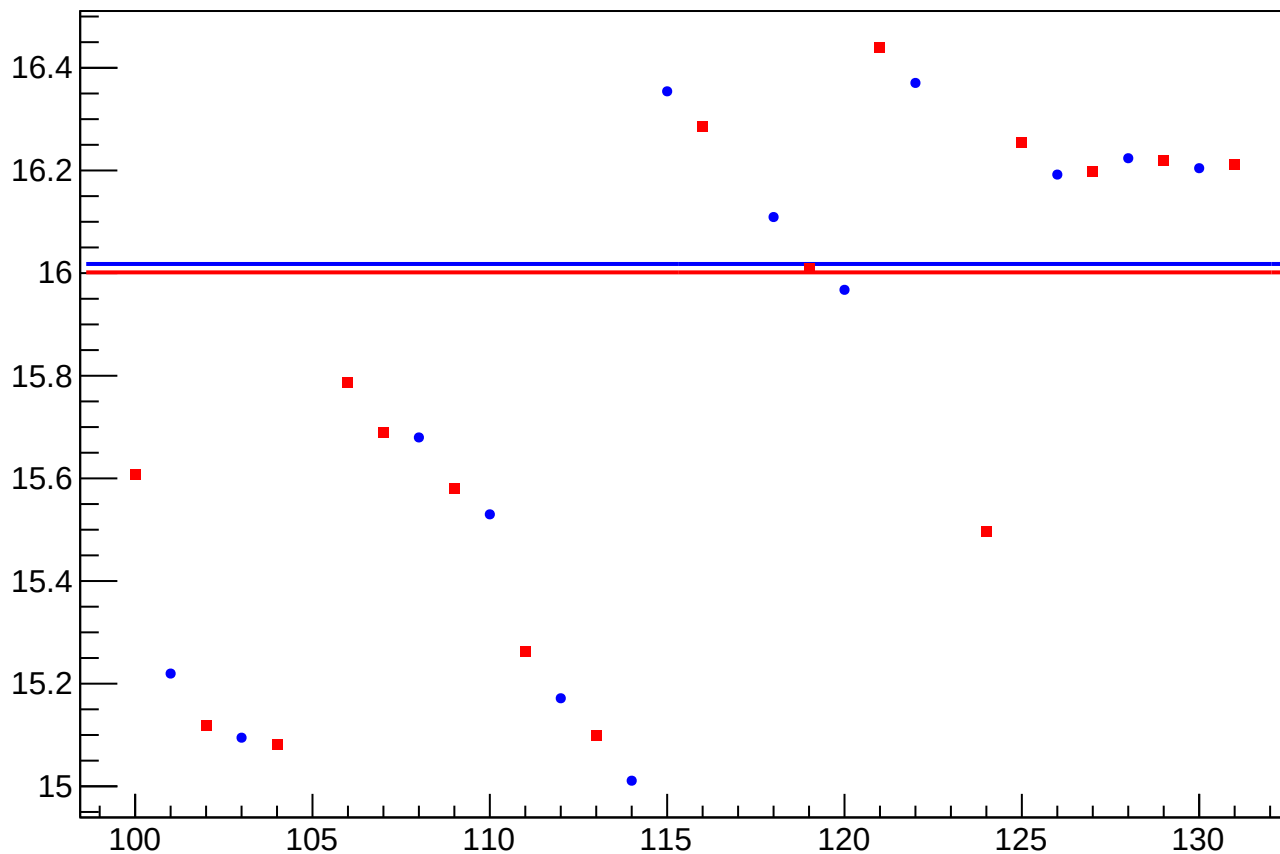
Right: 2480.636+/-0.514 χ^2/NDF : 271909.5/28

In: 2518.314+/-0.763 χ^2/NDF : 123920.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2480.636+/-0.514 χ^2/NDF : 271909.5/28

yield_sam1_mean vs Slug, Sign Corrected



Right In: 16.018+/-0.000 χ^2/NDF : 2677422599.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.001+/-0.000 χ^2/NDF : 3287808970.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

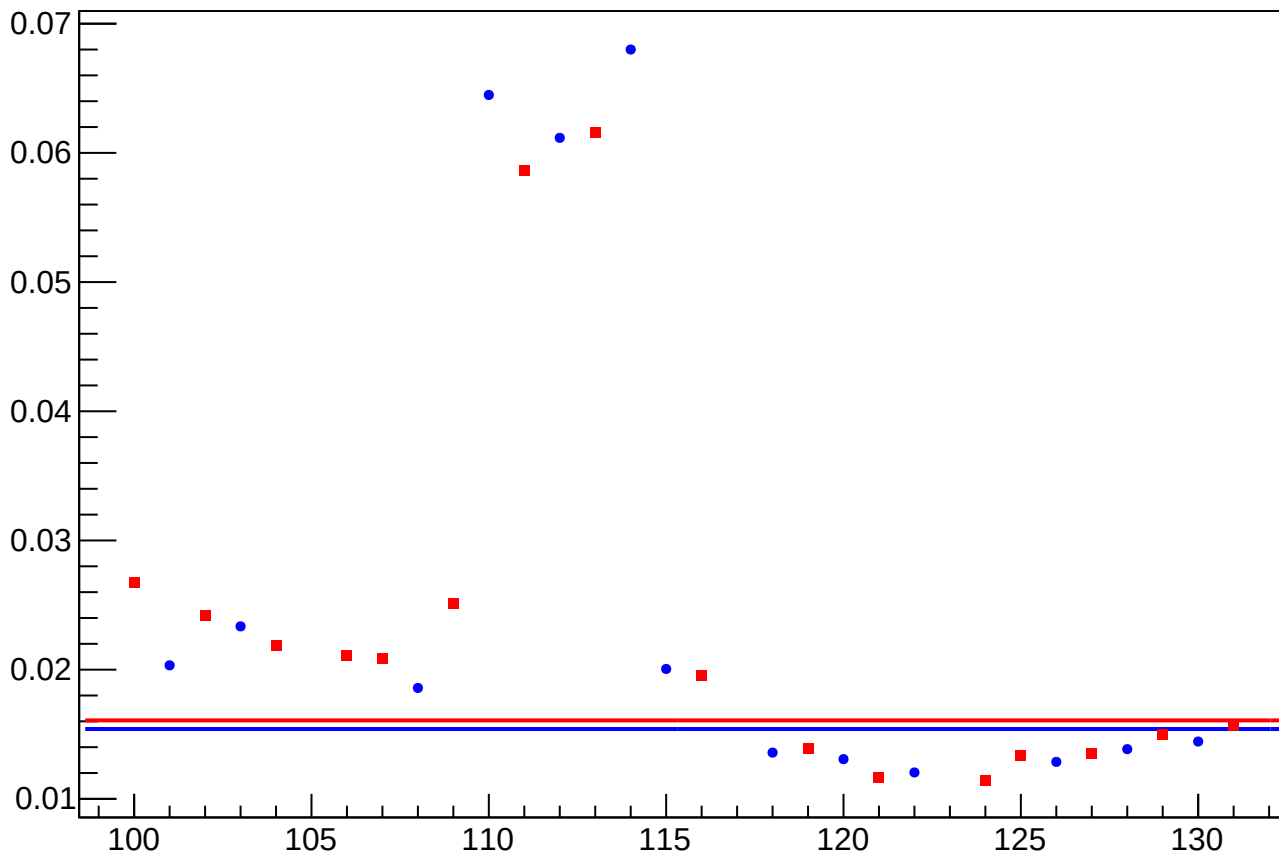
Right: 16.009+/-0.000 χ^2/NDF : 5967772377.3/28

In: 16.018+/-0.000 χ^2/NDF : 2677422599.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.009+/-0.000 χ^2/NDF : 5967772377.3/28

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1413704.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1568229.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

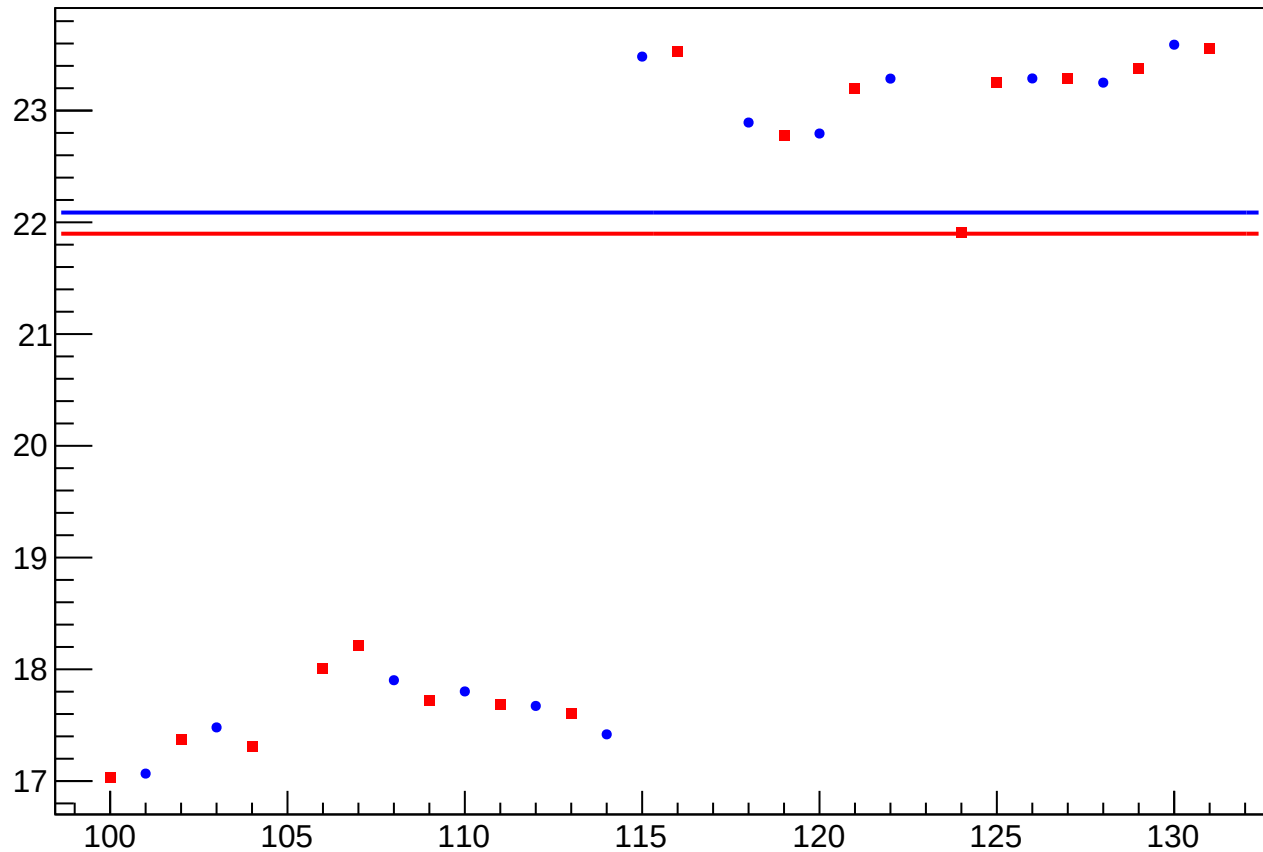
Right: 0.016+/-0.000 χ^2/NDF : 2990365.7/28

In: 0.015+/-0.000 χ^2/NDF : 1413704.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

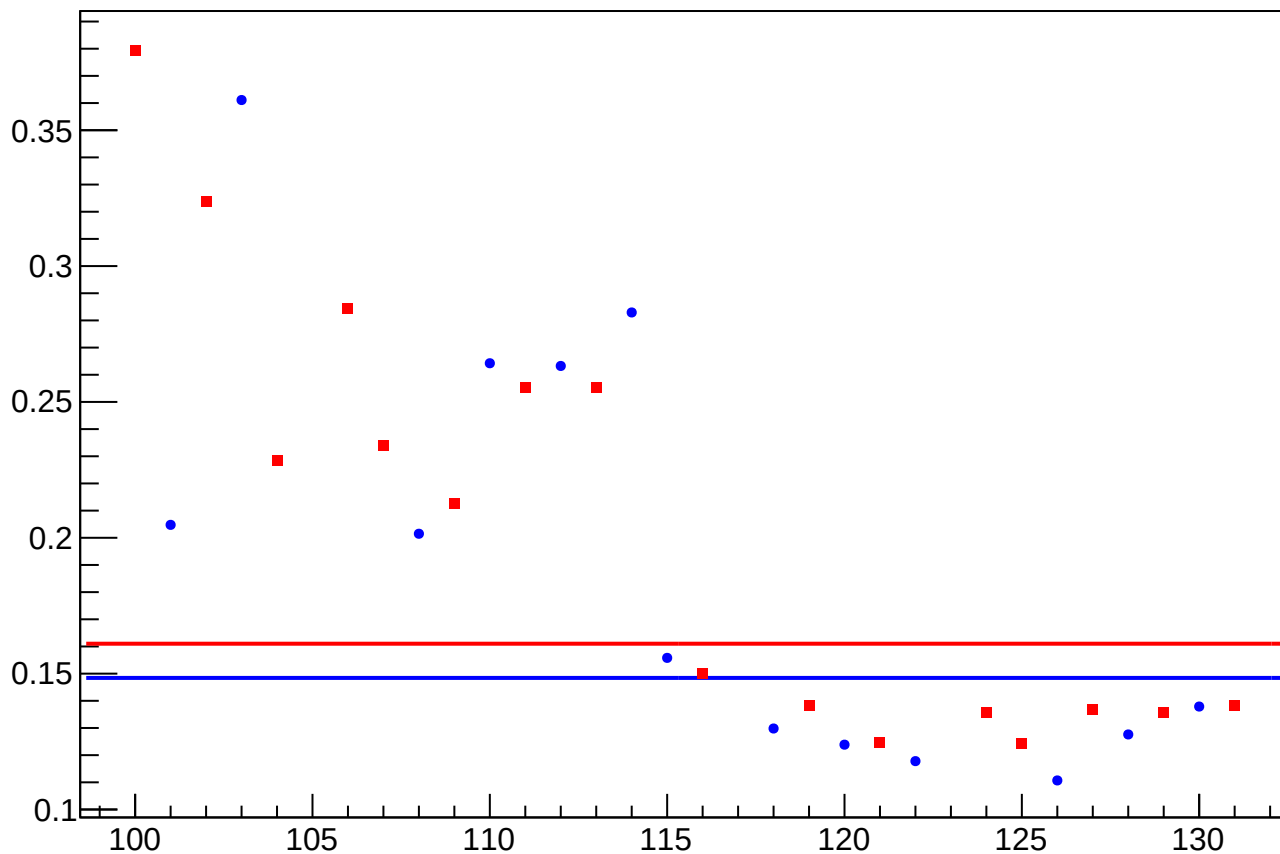
All: 0.016+/-0.000 χ^2/NDF : 2990365.7/28

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.087+/-0.000 χ^2/NDF : 1021762668.2/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 21.898+/-0.000 χ^2/NDF : 1069404566.2/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 21.994+/-0.000 χ^2/NDF : 2094663320.3/28
 In: 22.087+/-0.000 χ^2/NDF : 1021762668.2/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 21.994+/-0.000 χ^2/NDF : 2094663320.3/28

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.148+/-0.000 χ^2/NDF : 1092064.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.161+/-0.000 χ^2/NDF : 1066344.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

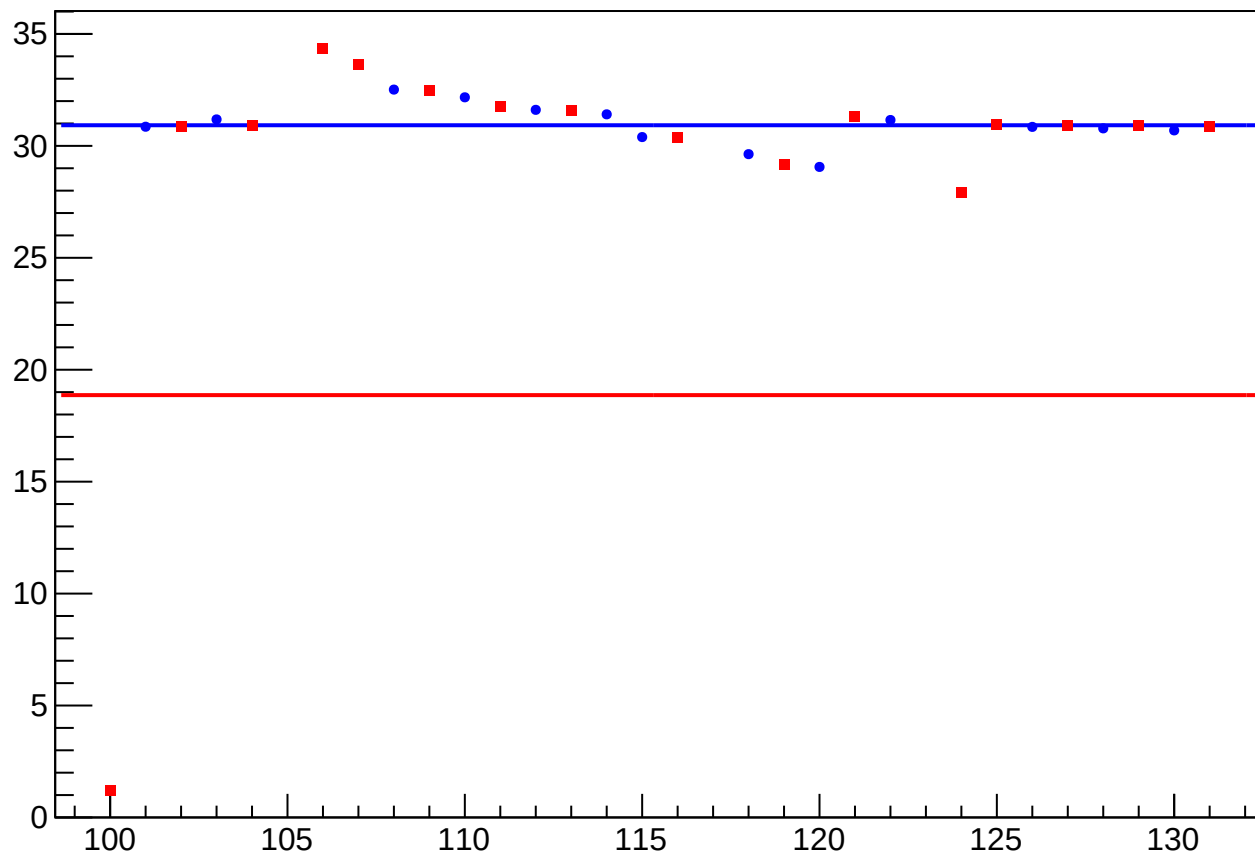
Right: 0.155+/-0.000 χ^2/NDF : 2189349.3/28

In: 0.148+/-0.000 χ^2/NDF : 1092064.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

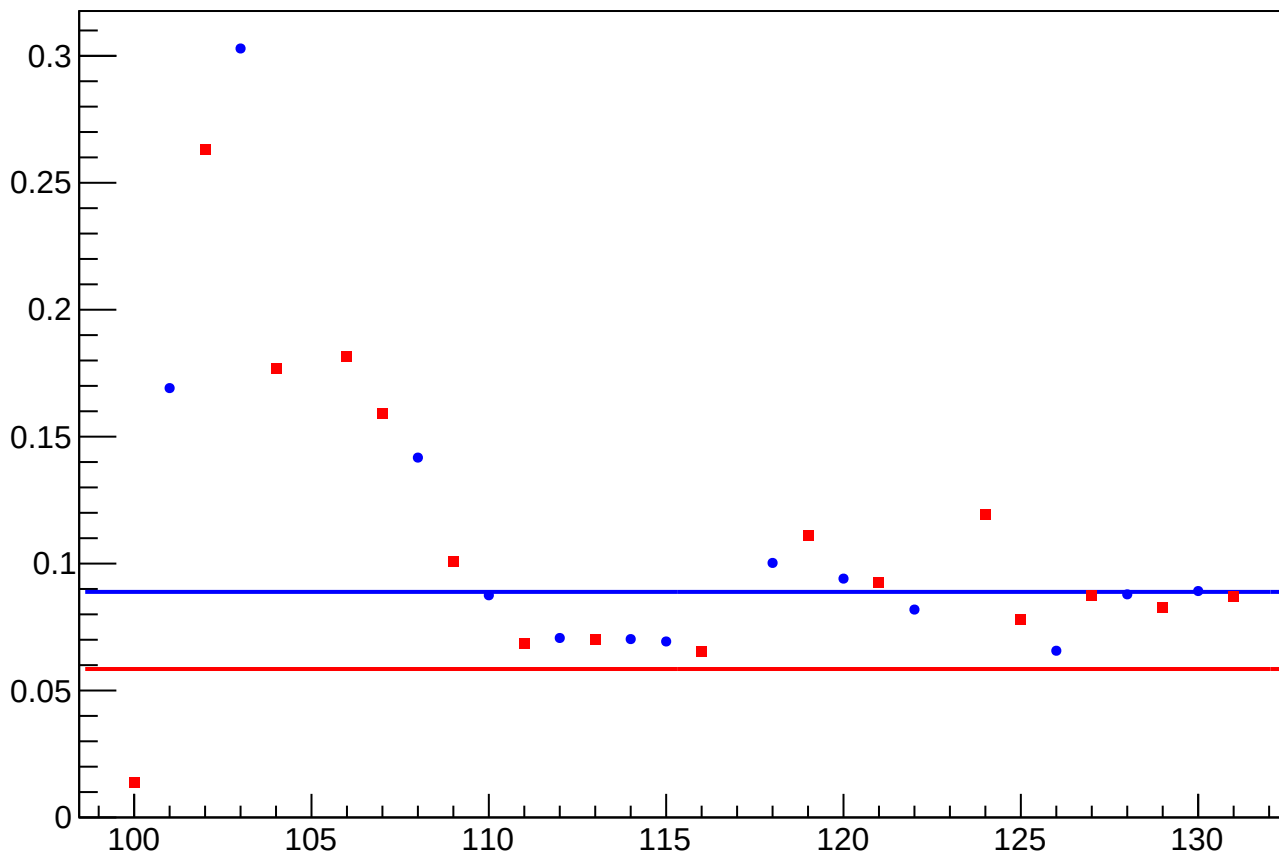
All: 0.155+/-0.000 χ^2/NDF : 2189349.3/28

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.922+/-0.000	χ^2/NDF : 353259695.7/12	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 23.097+/-0.000	χ^2/NDF : 256044142336.8/28
Right Out: 18.866+/-0.000	χ^2/NDF : 207099093590.2/15	In: 30.922+/-0.000	χ^2/NDF : 353259695.7/12
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 23.097+/-0.000	χ^2/NDF : 256044142336.8/28

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 1094215.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 3808997.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

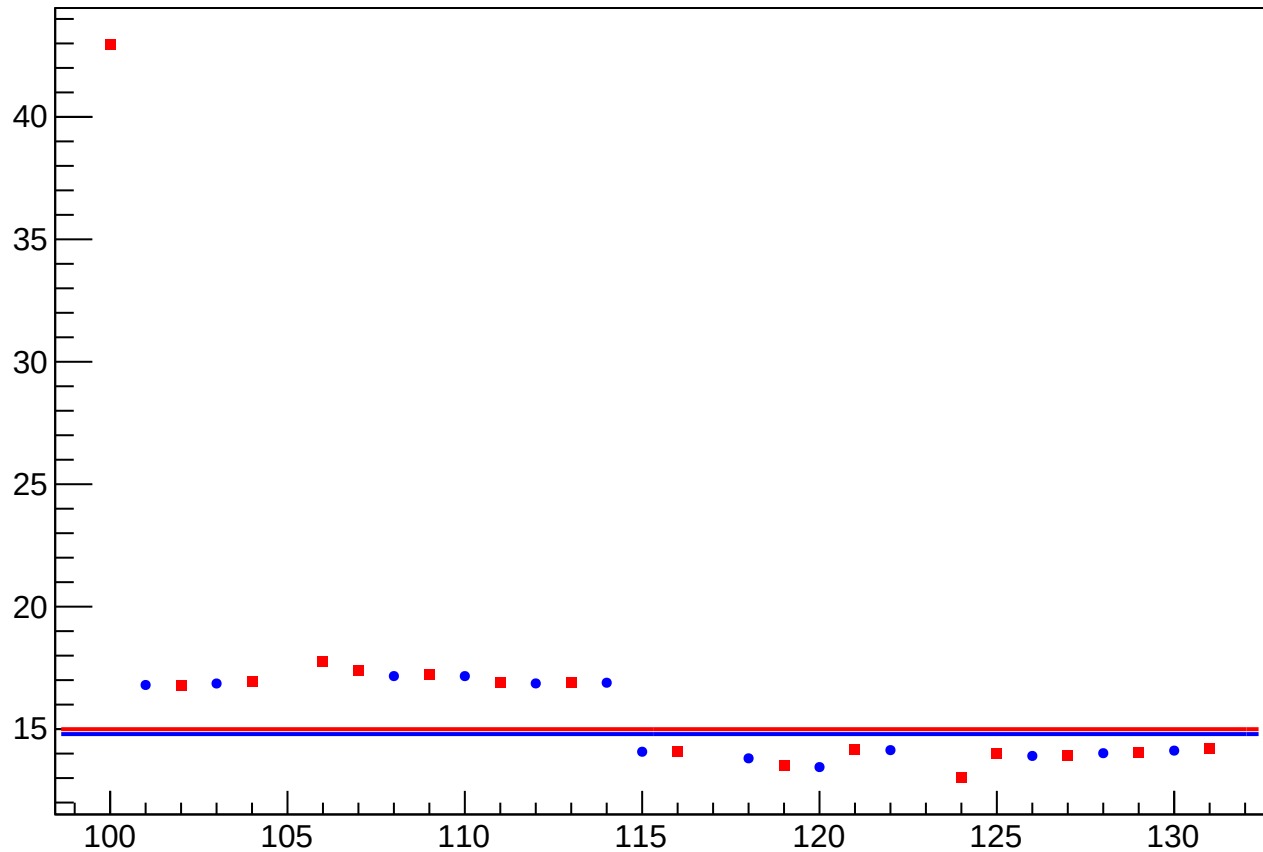
Right: 0.069+/-0.000 χ^2/NDF : 5520153.5/28

In: 0.089+/-0.000 χ^2/NDF : 1094215.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 5520153.5/28

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.796+/-0.000 χ^2/NDF : 1148939097.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.996+/-0.000 χ^2/NDF : 1689693546.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

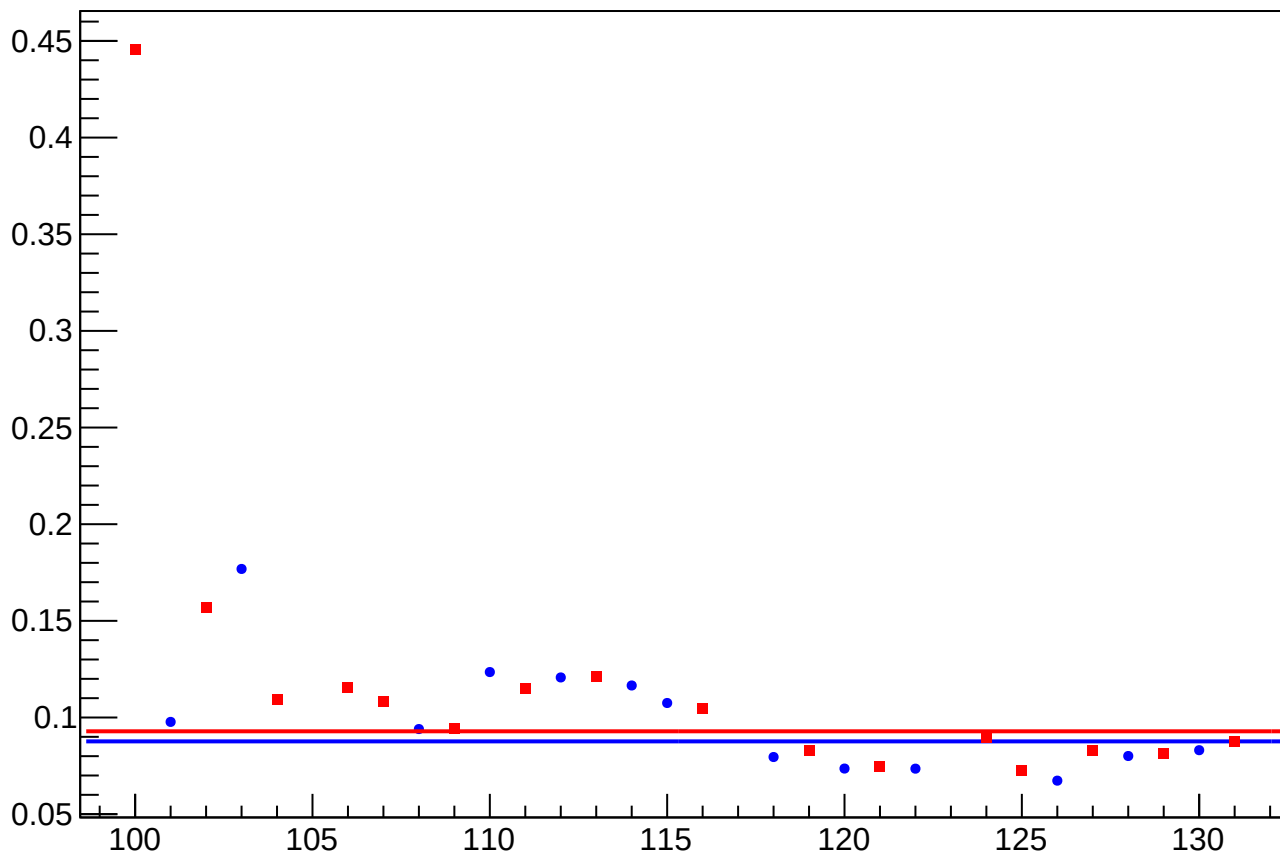
Right: 14.897+/-0.000 χ^2/NDF : 2850777893.9/28

In: 14.796+/-0.000 χ^2/NDF : 1148939097.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.897+/-0.000 χ^2/NDF : 2850777893.9/28

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 591863.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 552021.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

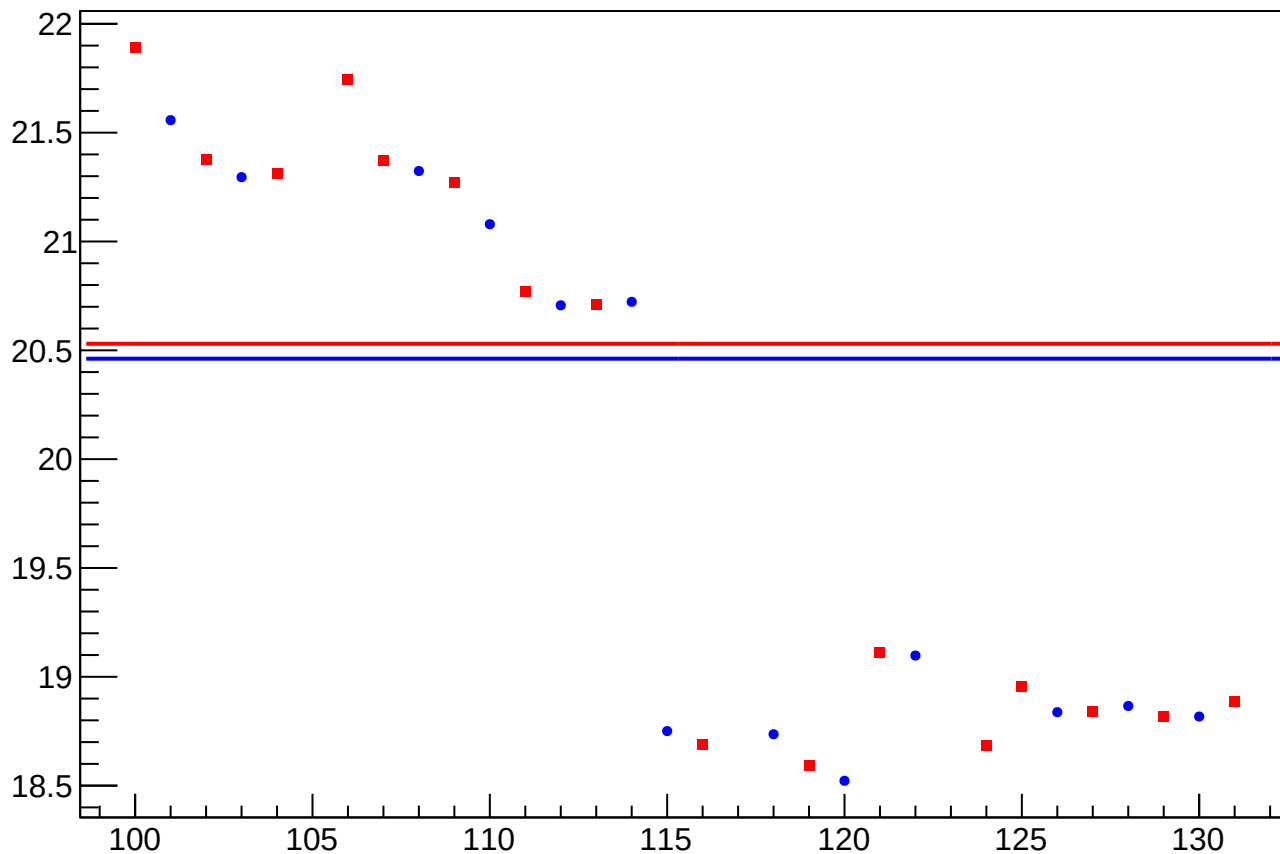
Right: 0.090+/-0.000 χ^2/NDF : 1160296.7/28

In: 0.088+/-0.000 χ^2/NDF : 591863.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 1160296.7/28

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.461+/-0.000 χ^2/NDF : 7193555596.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.530+/-0.000 χ^2/NDF : 7344661722.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

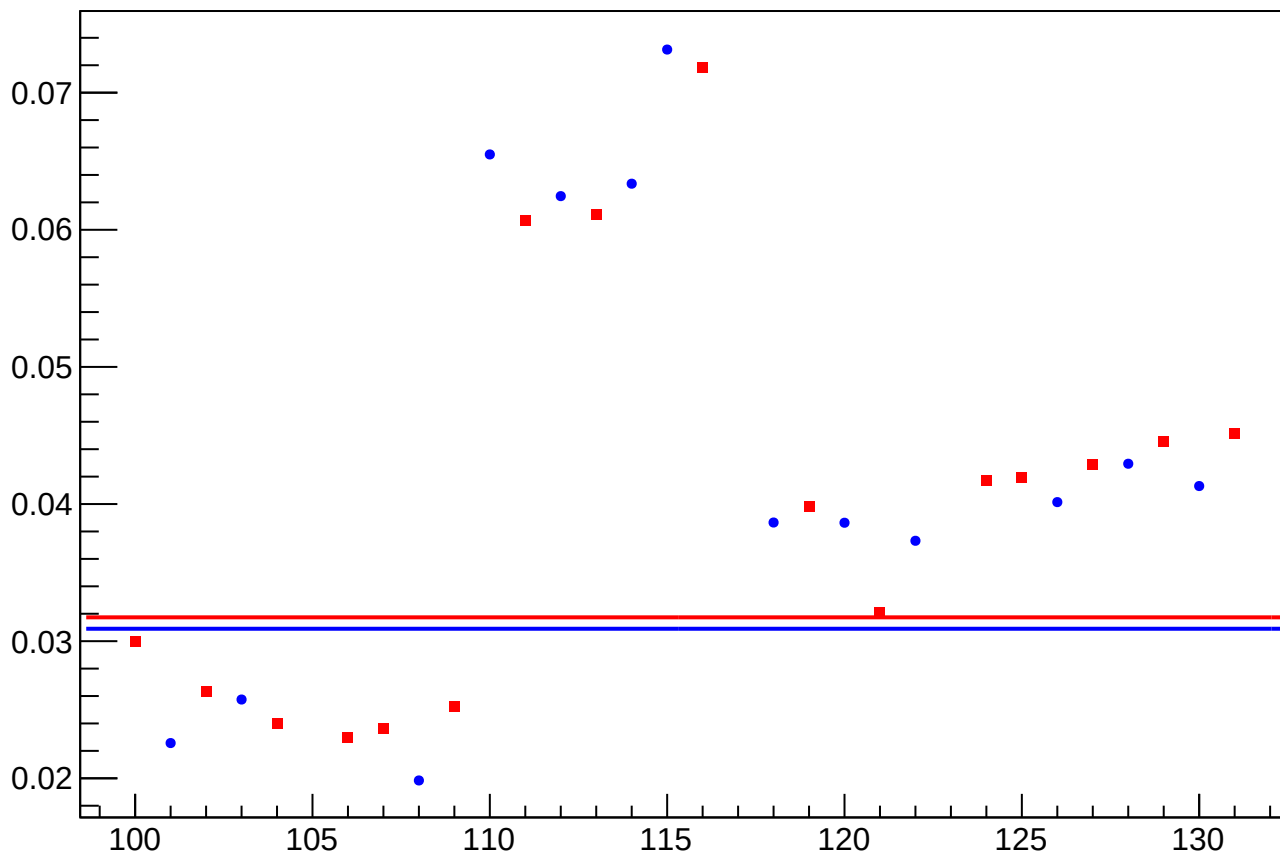
Right: 20.497+/-0.000 χ^2/NDF : 14549777474.7/28

In: 20.461+/-0.000 χ^2/NDF : 7193555596.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.497+/-0.000 χ^2/NDF : 14549777474.7

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 1248404.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000 χ^2/NDF : 1166791.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

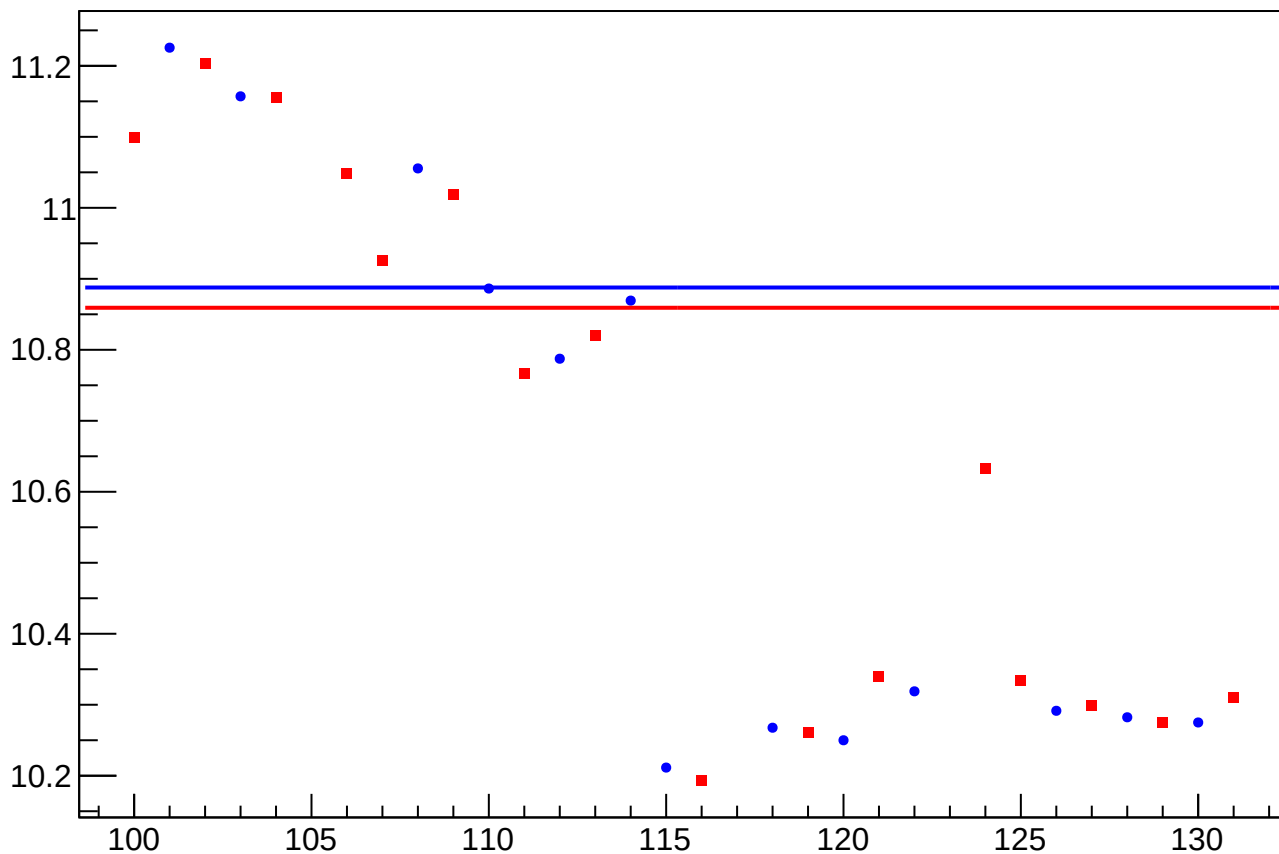
Right: 0.031+/-0.000 χ^2/NDF : 2418601.8/28

In: 0.031+/-0.000 χ^2/NDF : 1248404.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 2418601.8/28

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.888+/-0.000 χ^2/NDF : 3421623907.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.859+/-0.000 χ^2/NDF : 2737223320.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

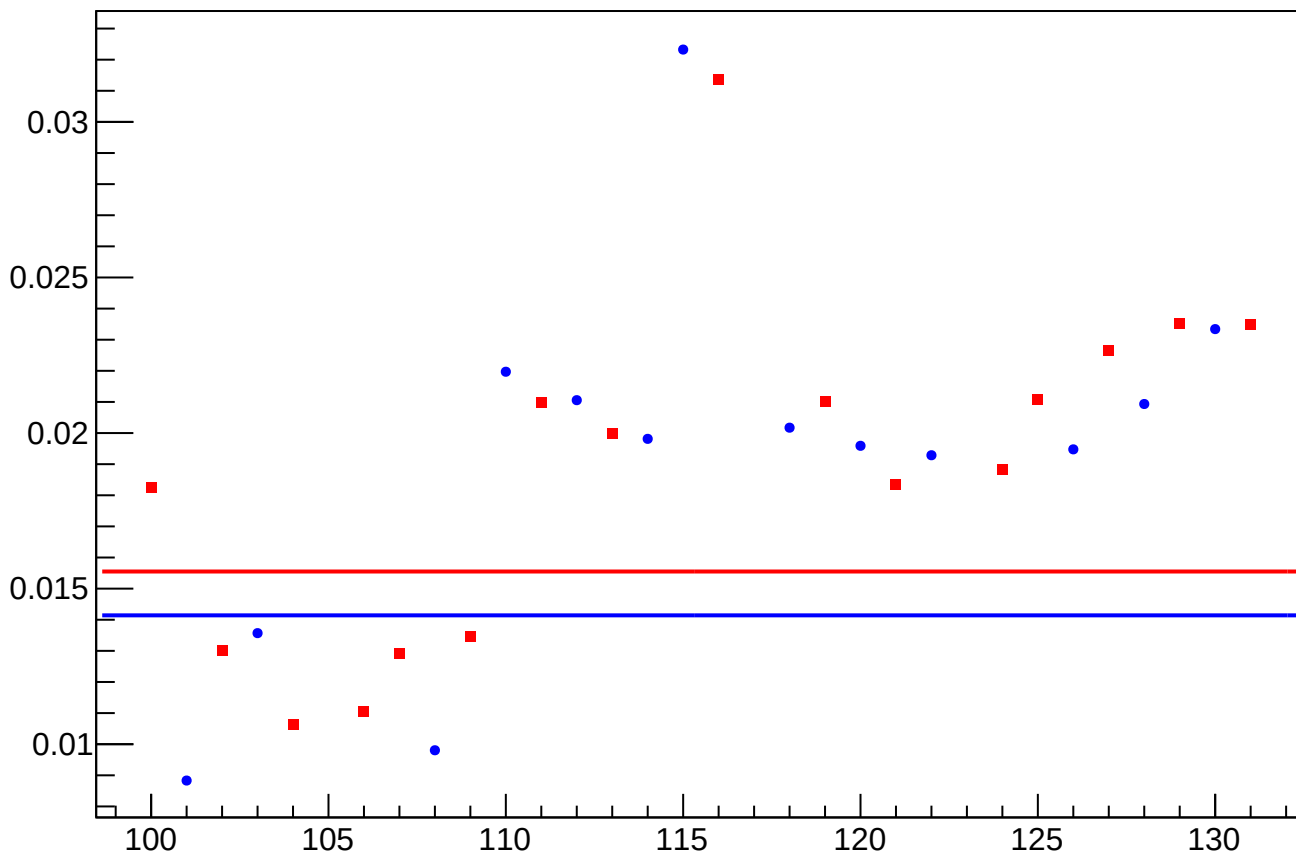
Right: 10.874+/-0.000 χ^2/NDF : 6167669136.5/28

In: 10.888+/-0.000 χ^2/NDF : 3421623907.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.874+/-0.000 χ^2/NDF : 6167669136.5/28

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1316563.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 994913.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

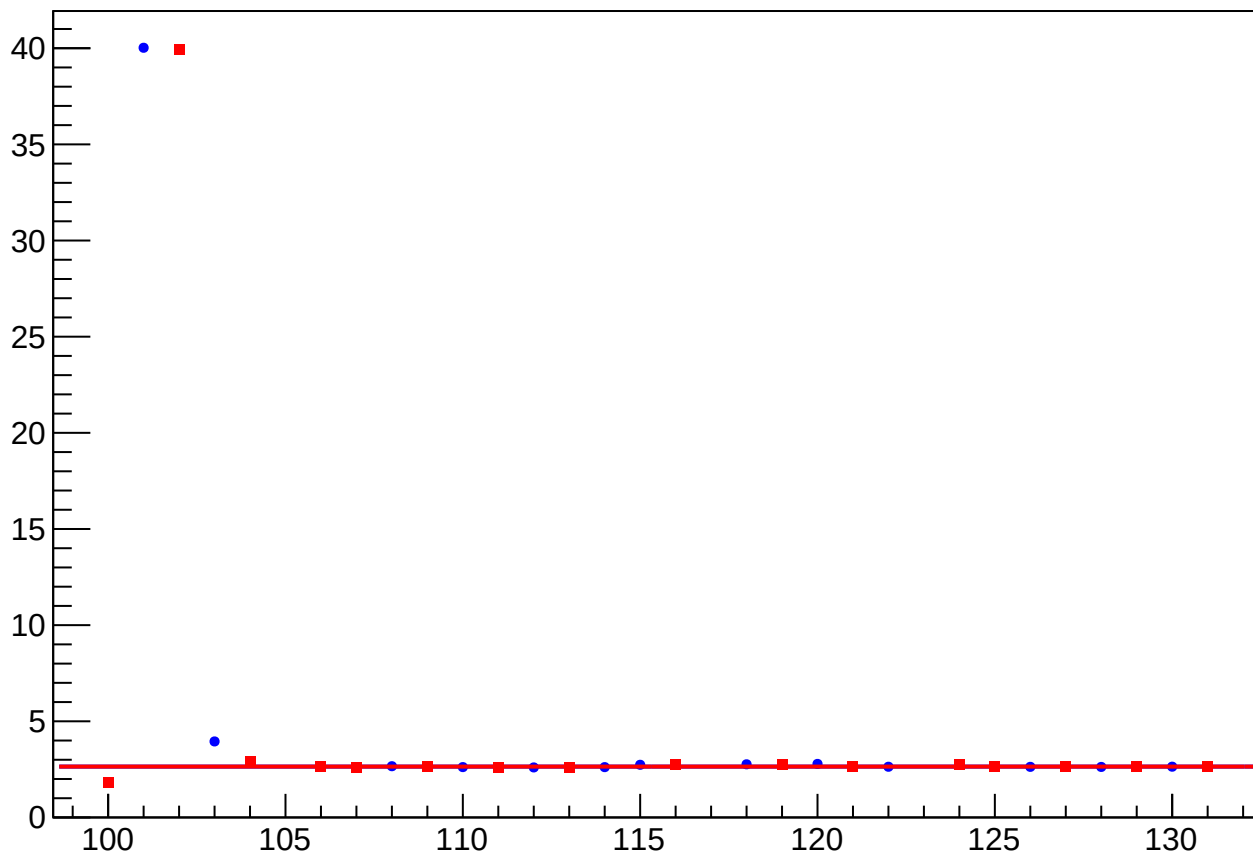
Right: 0.015+/-0.000 χ^2/NDF : 2354524.8/28

In: 0.014+/-0.000 χ^2/NDF : 1316563.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

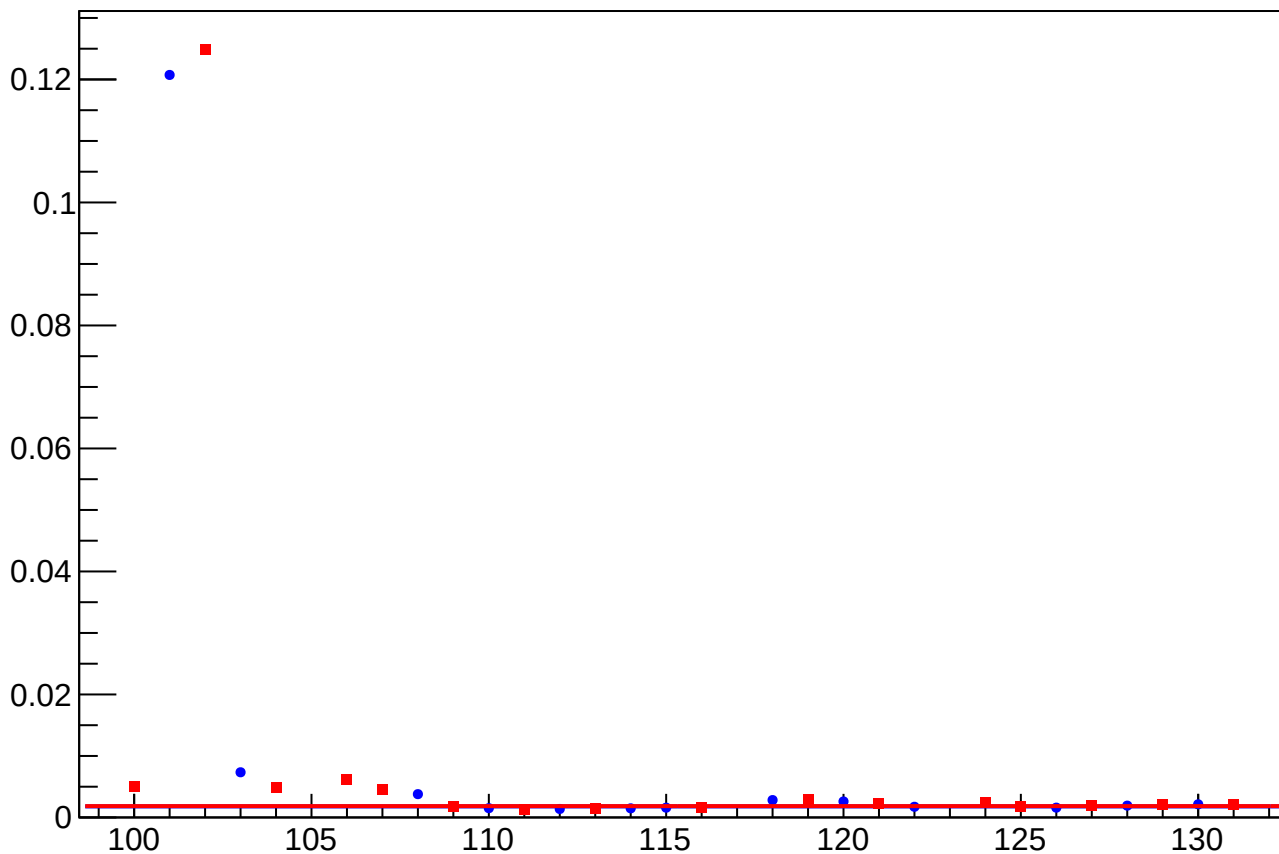
All: 0.015+/-0.000 χ^2/NDF : 2354524.8/28

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.645+/-0.000	χ^2/NDF : 64618017184.2/12	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 2.645+/-0.000	χ^2/NDF : 127785610022.3/28
Right Out: 2.645+/-0.000	χ^2/NDF : 63167553515.1/15	In: 2.645+/-0.000	χ^2/NDF : 64618017184.2/12
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 2.645+/-0.000	χ^2/NDF : 127785610022.3

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1798591.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2390214.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

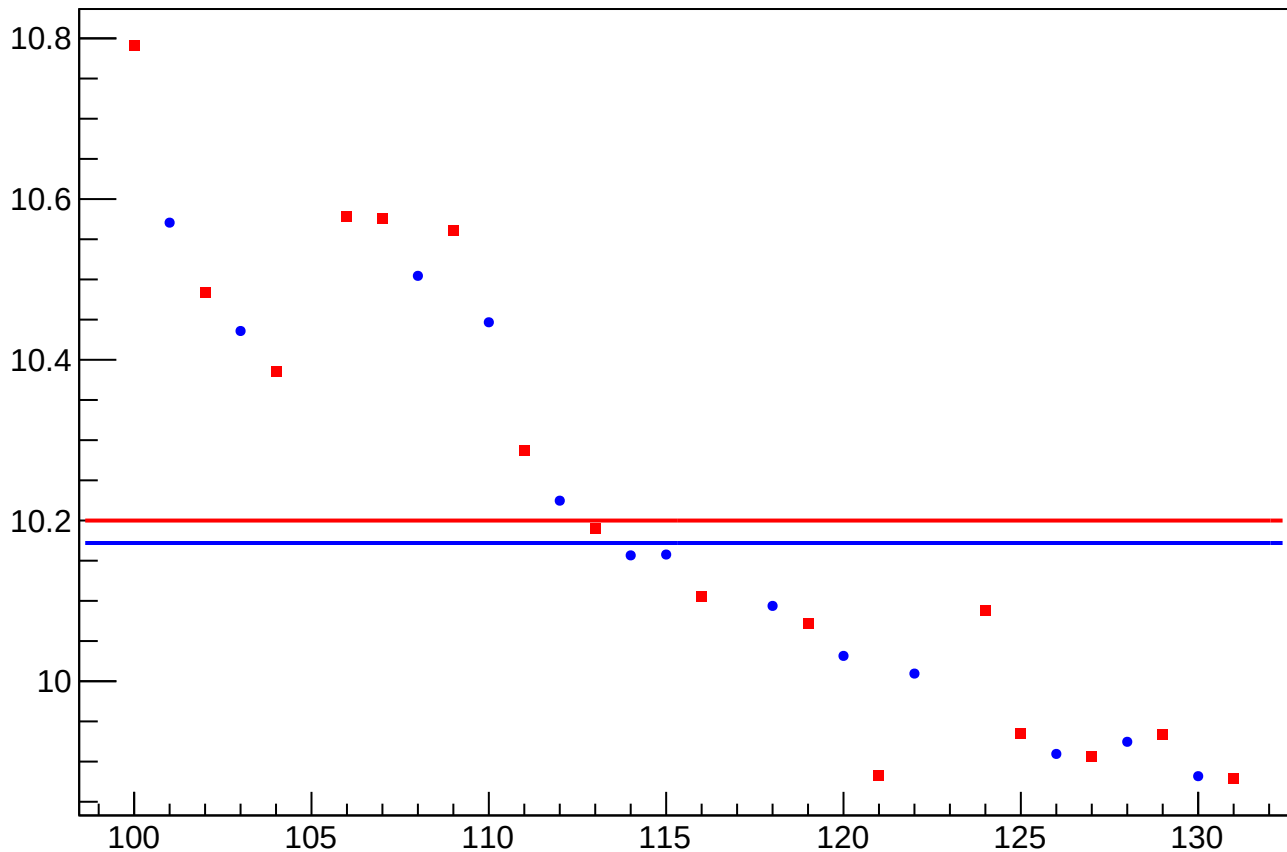
Right: 0.002+/-0.000 χ^2/NDF : 4191773.2/28

In: 0.002+/-0.000 χ^2/NDF : 1798591.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4191773.2/28

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.172+/-0.000 χ^2/NDF : 6259456864.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.200+/-0.000 χ^2/NDF : 7689706561.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

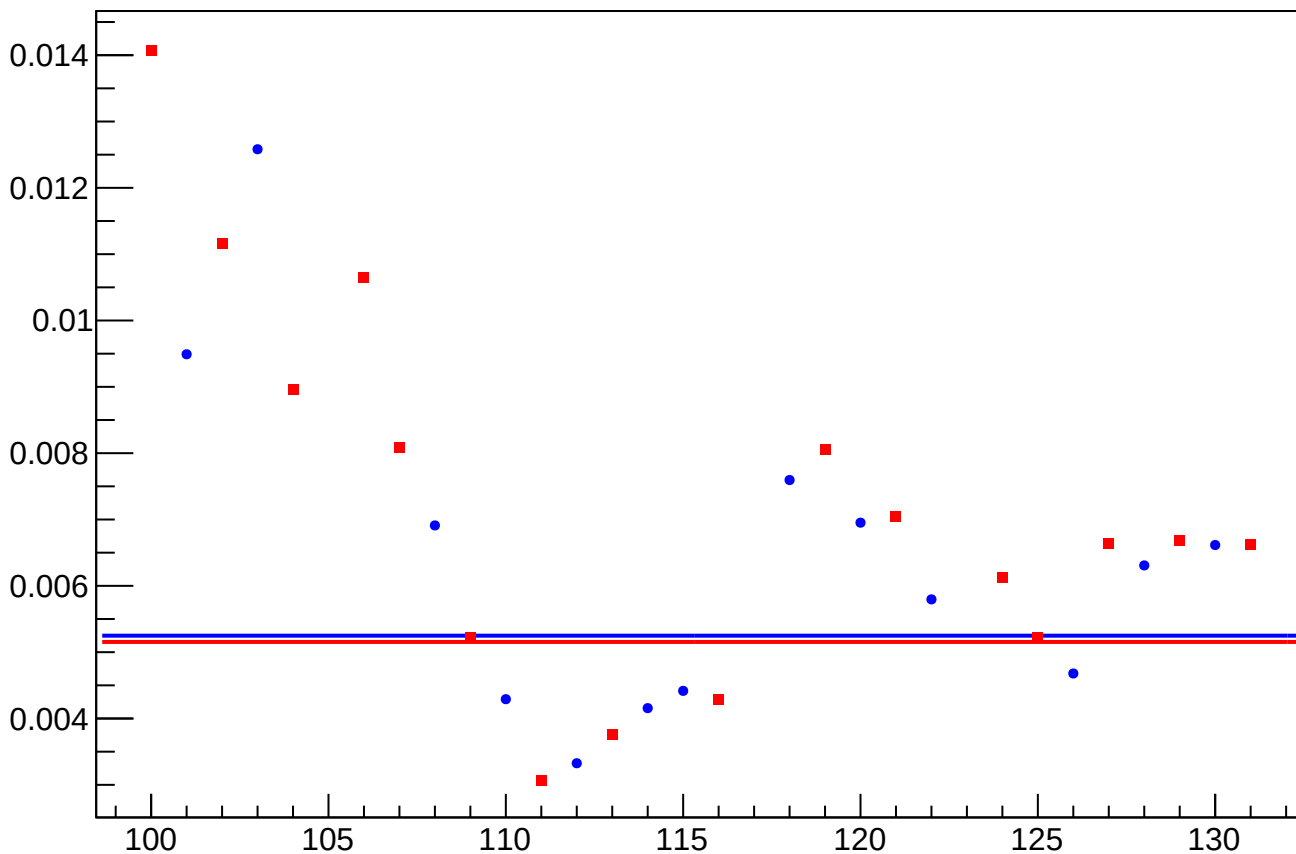
Right: 10.187+/-0.000 χ^2/NDF : 14011946676.6/28

In: 10.172+/-0.000 χ^2/NDF : 6259456864.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.187+/-0.000 χ^2/NDF : 14011946676.6

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 1217013.4/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 1605978.1/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.005+/-0.000

χ^2/NDF : 2824427.1/28

In: 0.005+/-0.000

χ^2/NDF : 1217013.4/12

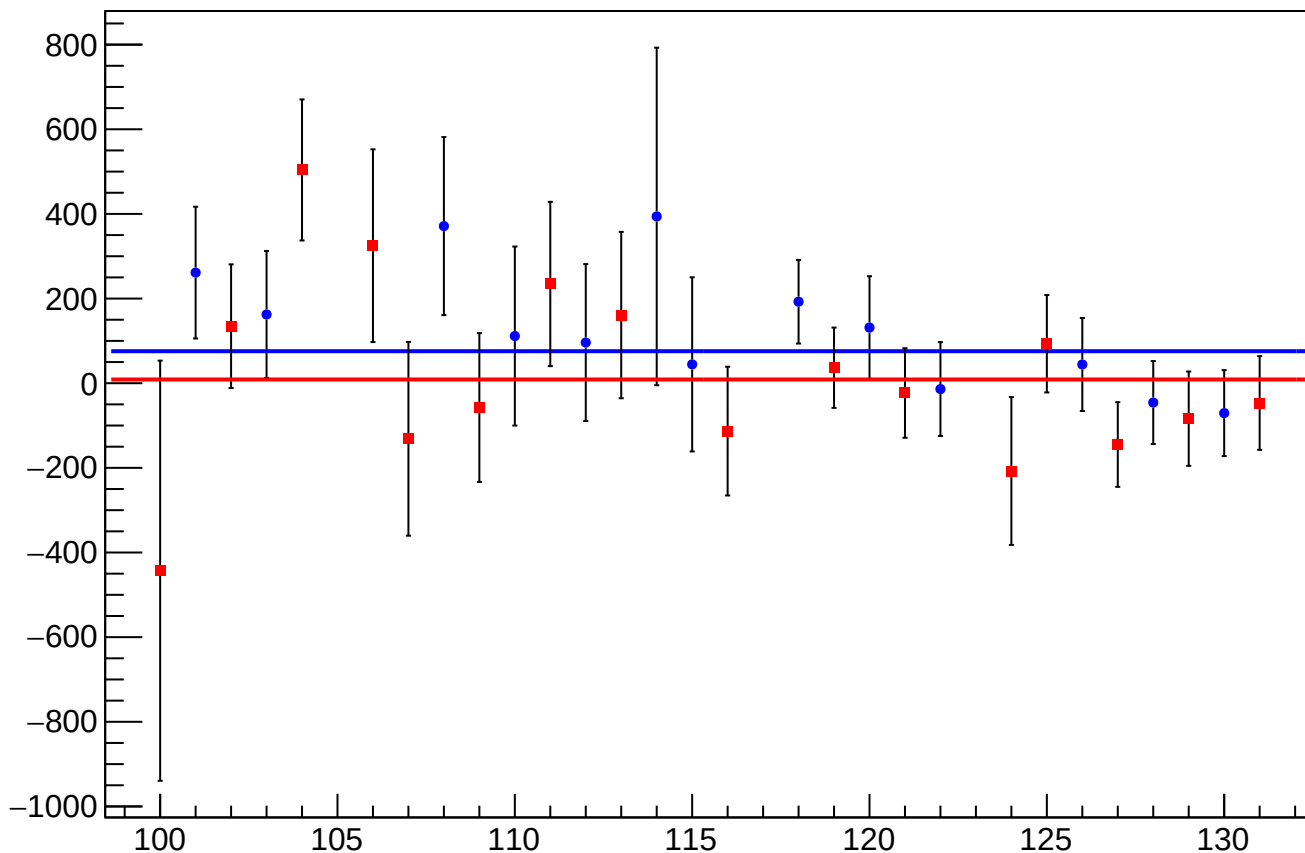
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.005+/-0.000

χ^2/NDF : 2824427.1/28

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 75.614+/-37.126 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.800+/-34.832 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

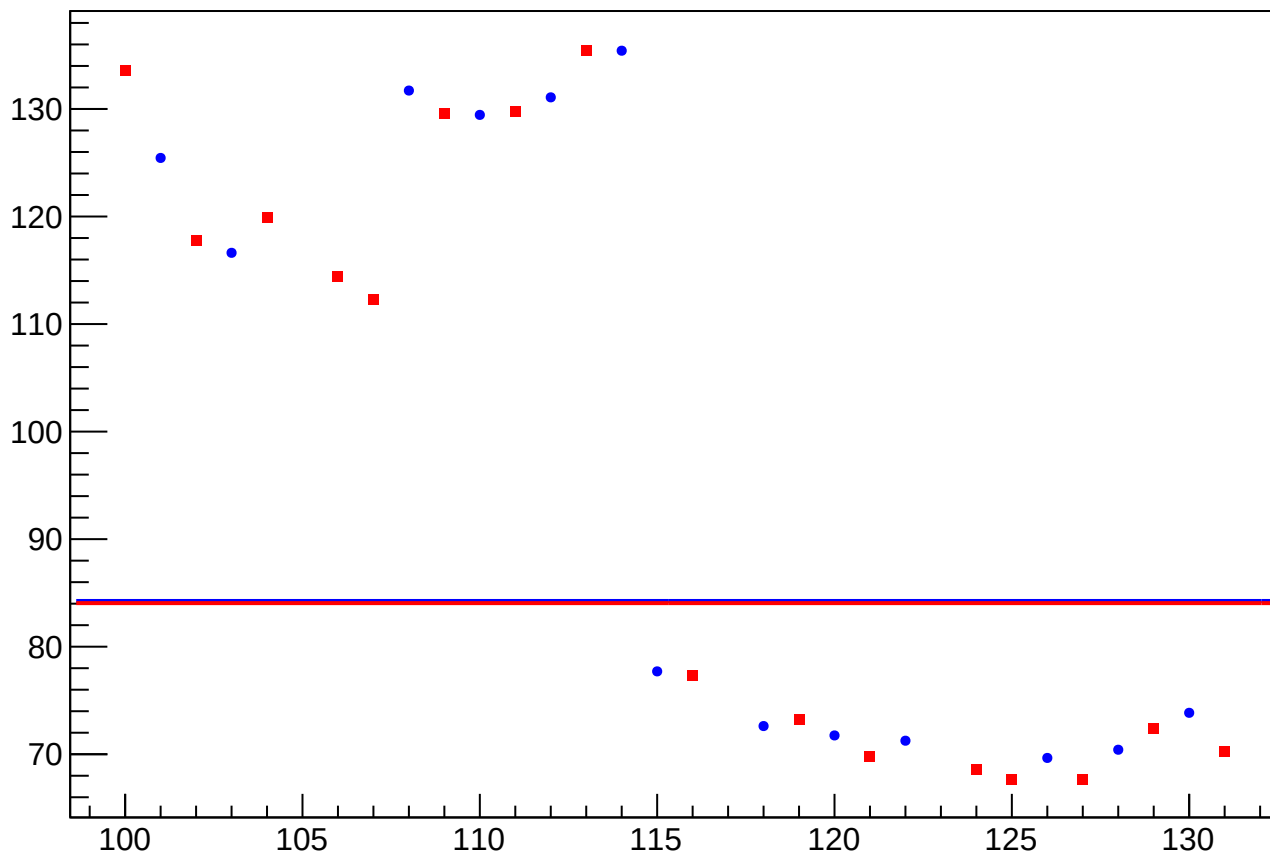
Right: 40.079+/-25.402 χ^2/NDF : 33.1/28

In: 75.614+/-37.126 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.079+/-25.402 χ^2/NDF : 33.1/28

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.251+/-0.026 χ^2/NDF : 761782.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.051+/-0.025 χ^2/NDF : 896245.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

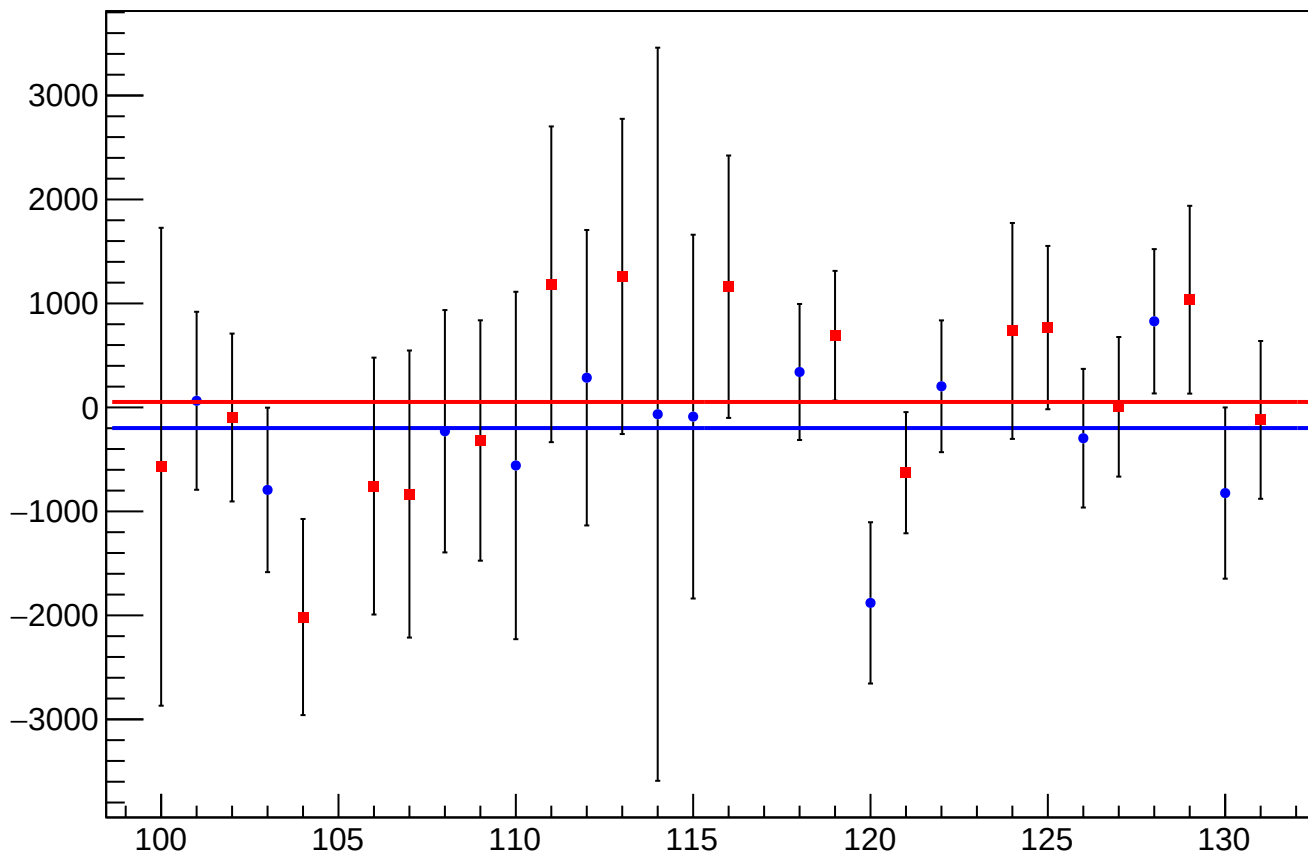
Right: 84.144+/-0.018 χ^2/NDF : 1658058.9/28

In: 84.251+/-0.026 χ^2/NDF : 761782.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.144+/-0.018 χ^2/NDF : 1658058.9/28

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -198.521+/-240.767 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.487+/-226.328 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

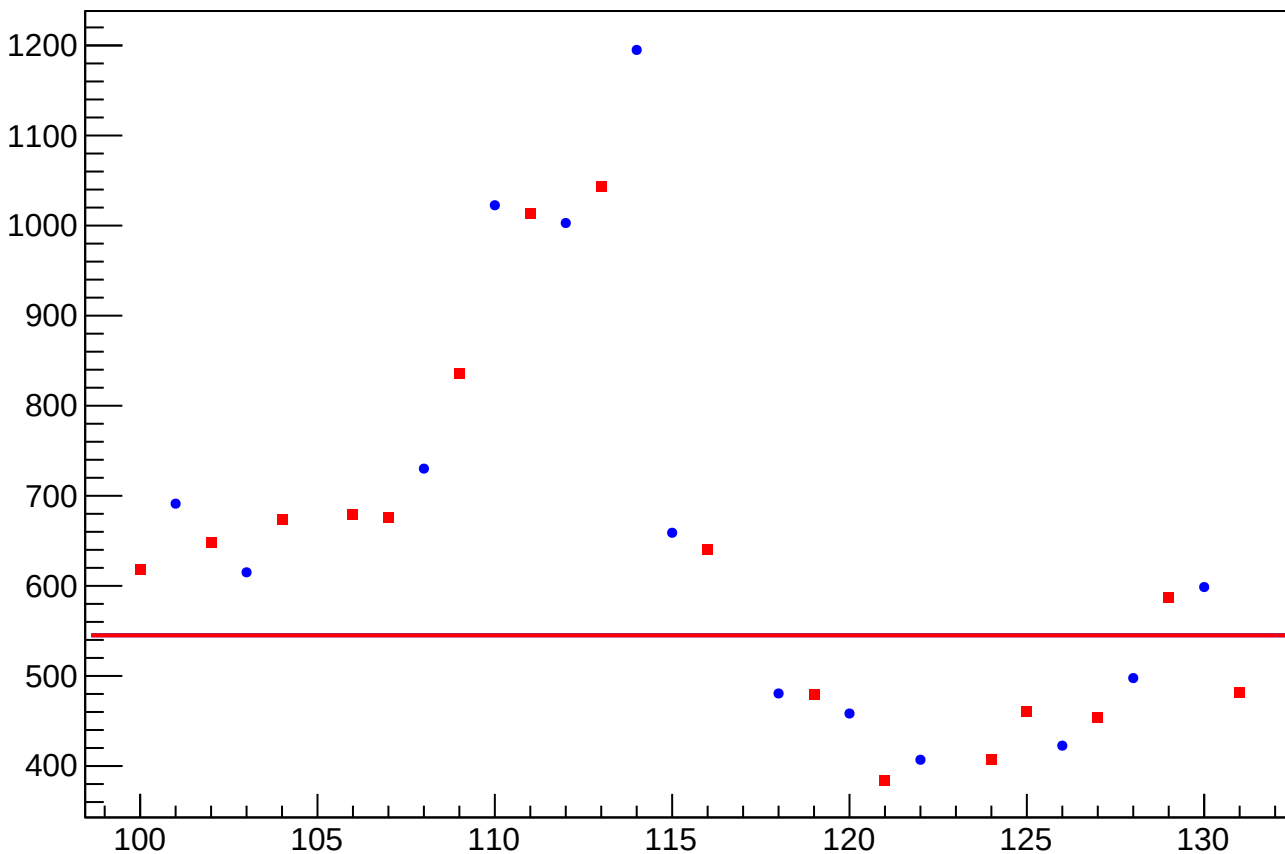
Right: -65.265+/-164.906 χ^2/NDF : 22.7/28

In: -198.521+/-240.767 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.265+/-164.906 χ^2/NDF : 22.7/28

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 545.147+/-0.170 χ^2/NDF : 796758.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.096+/-0.160 χ^2/NDF : 945718.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

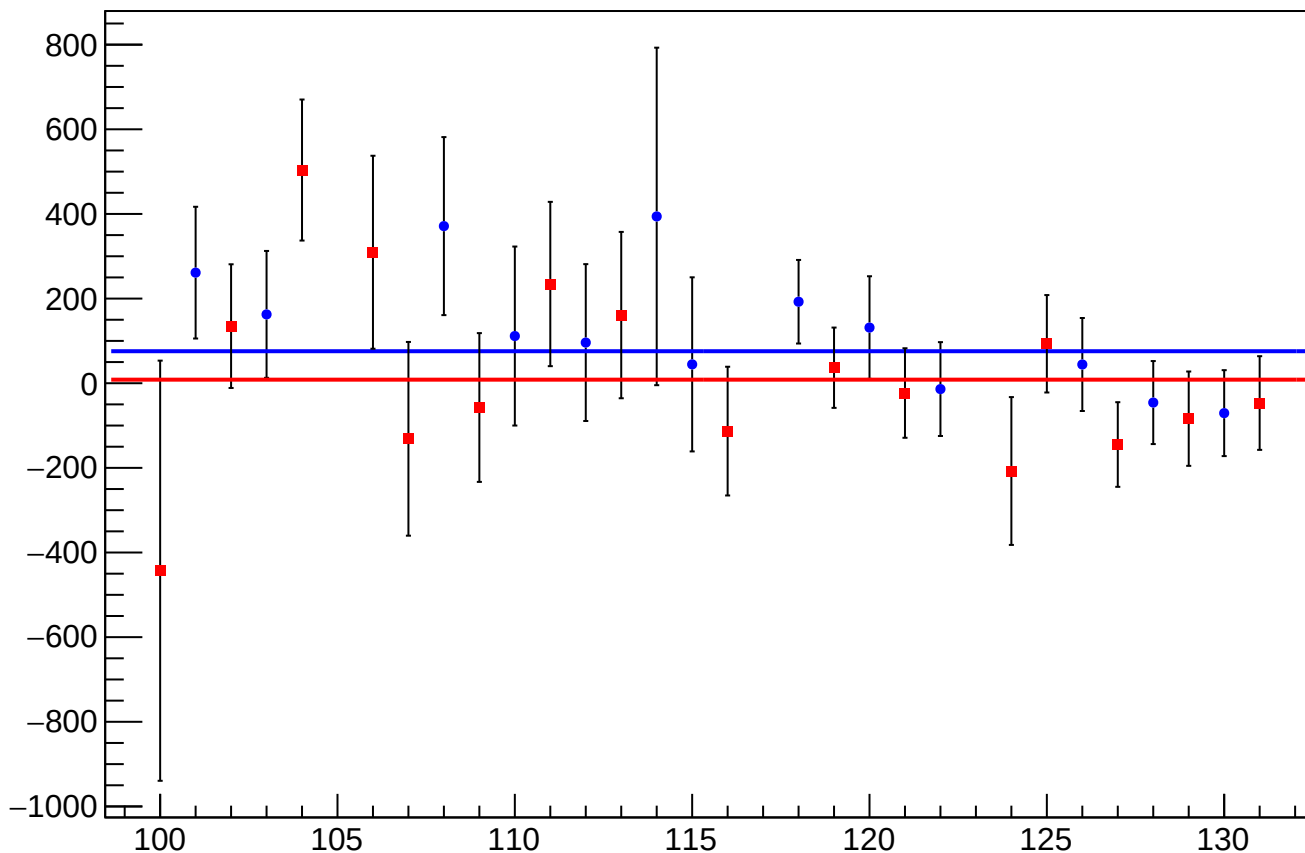
Right: 545.120+/-0.117 χ^2/NDF : 1742477.5/28

In: 545.147+/-0.170 χ^2/NDF : 796758.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.120+/-0.117 χ^2/NDF : 1742477.5/28

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 75.635+/-37.126 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.430+/-34.834 χ^2/NDF : 20.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

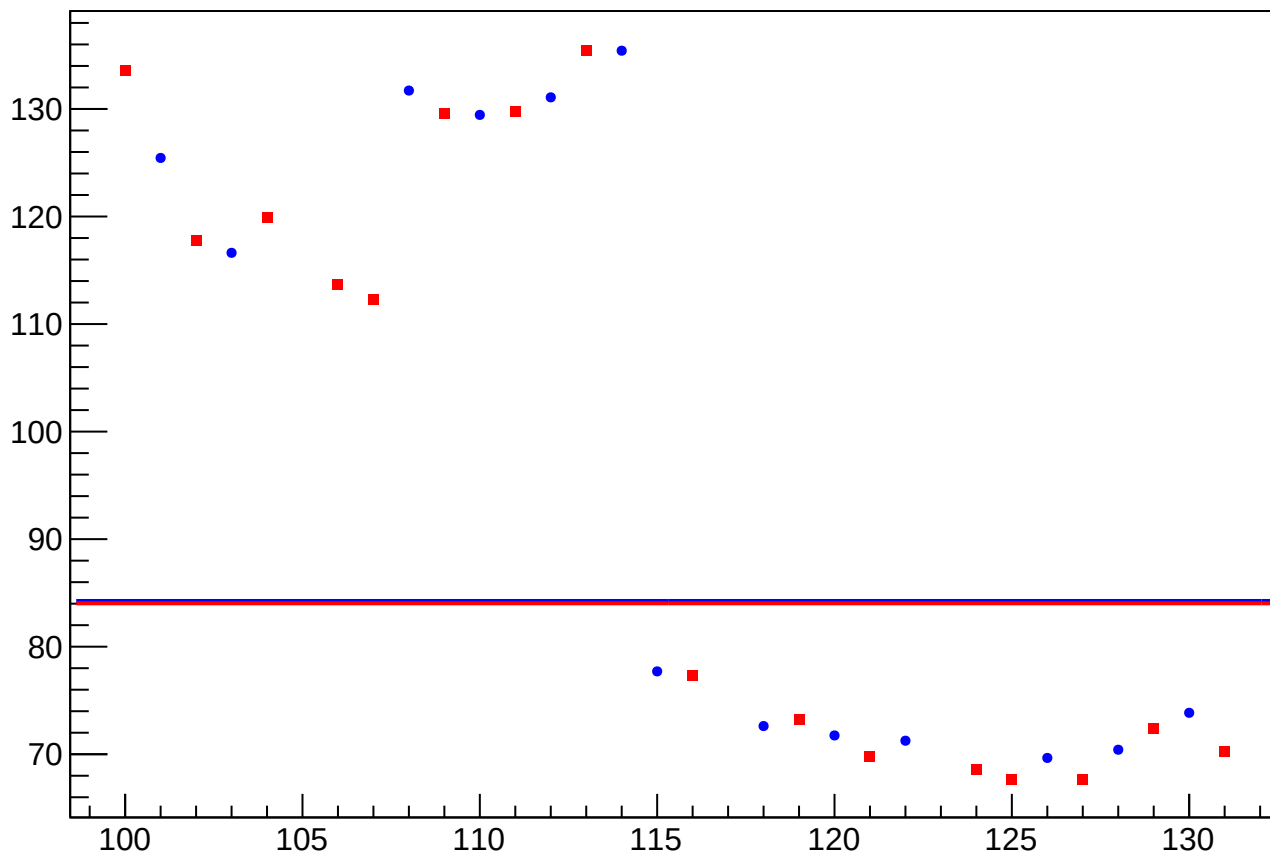
Right: 39.893+/-25.403 χ^2/NDF : 32.9/28

In: 75.635+/-37.126 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.893+/-25.403 χ^2/NDF : 32.9/28

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.032+/-0.025 χ^2/NDF : 894501.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

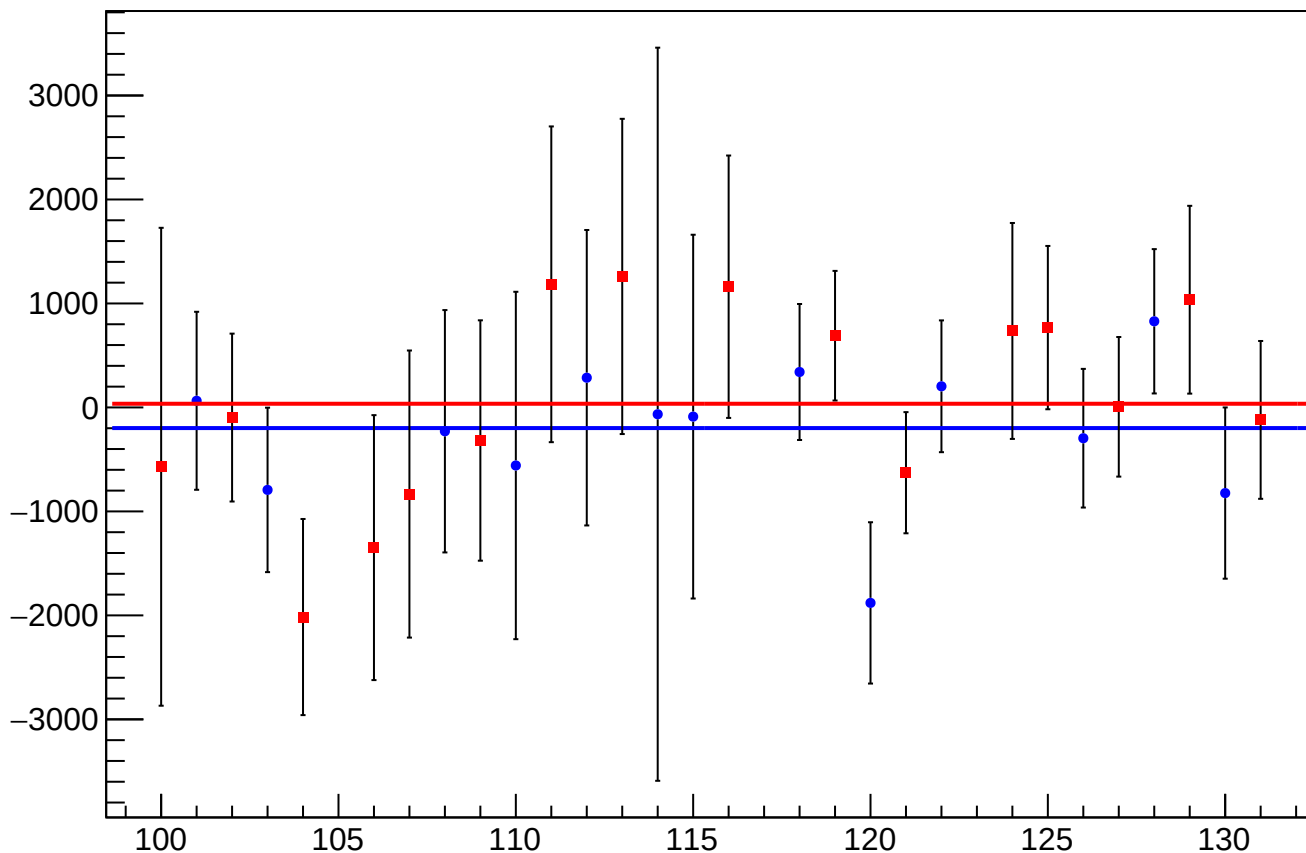
Right: 84.134+/-0.018 χ^2/NDF : 1656321.7/28

In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.134+/-0.018 χ^2/NDF : 1656321.7/28

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -198.517+/-240.767 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.371+/-226.556 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

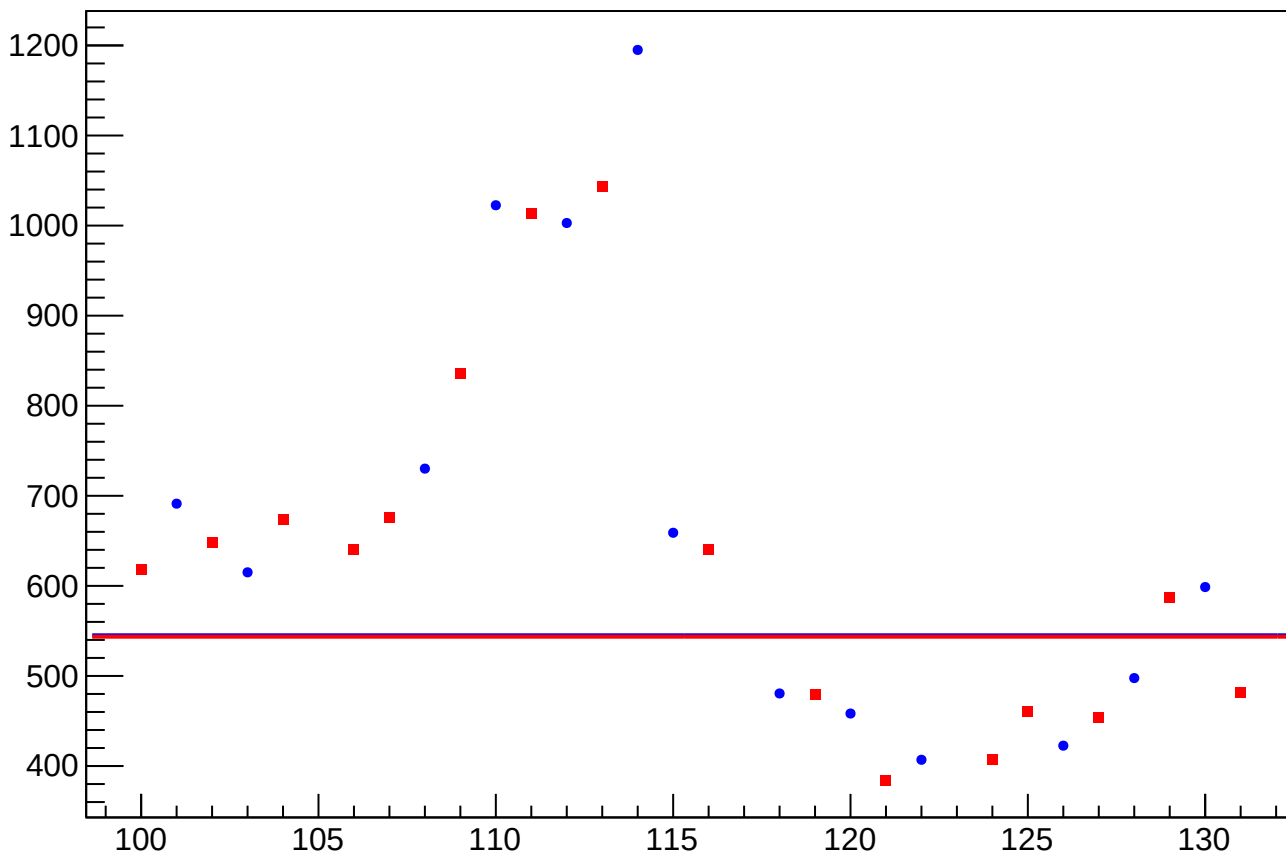
Right: -74.467+/-164.995 χ^2/NDF : 23.4/28

In: -198.517+/-240.767 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.467+/-164.995 χ^2/NDF : 23.4/28

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.584+/-0.160 χ^2/NDF : 933099.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

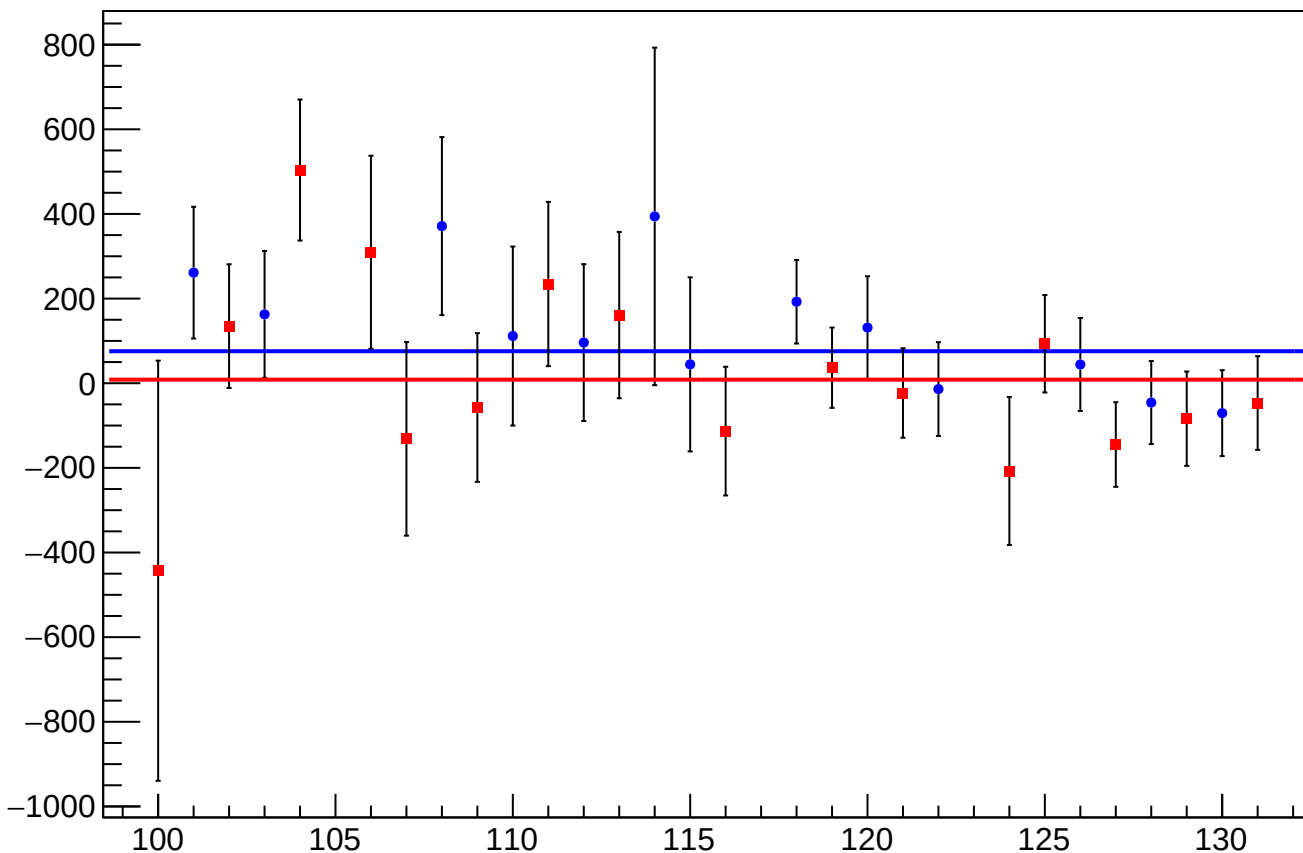
Right: 544.318+/-0.117 χ^2/NDF : 1729903.2/28

In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.318+/-0.117 χ^2/NDF : 1729903.2/28

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 75.635+/-37.126 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.430+/-34.834 χ^2/NDF : 20.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

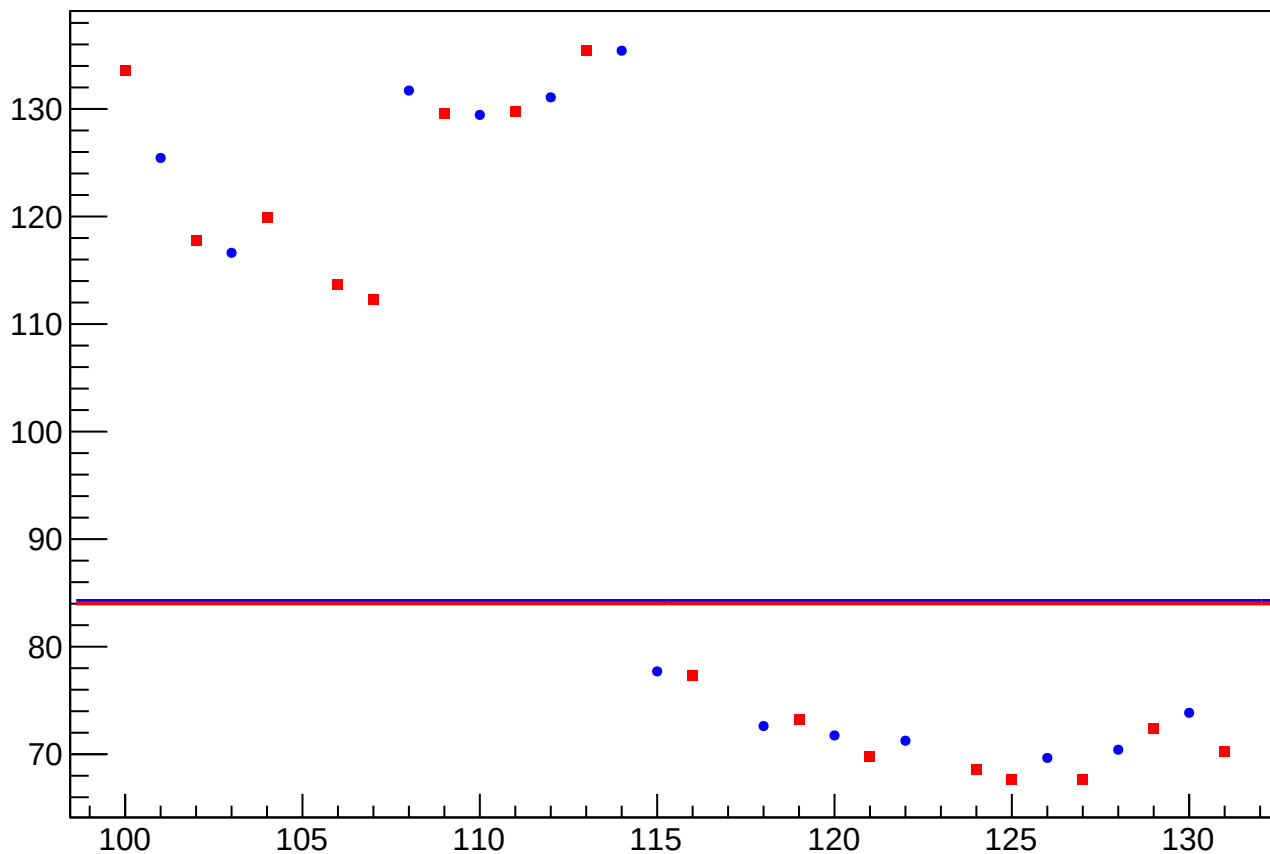
Right: 39.893+/-25.403 χ^2/NDF : 32.9/28

In: 75.635+/-37.126 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.893+/-25.403 χ^2/NDF : 32.9/28

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.032+/-0.025 χ^2/NDF : 894501.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

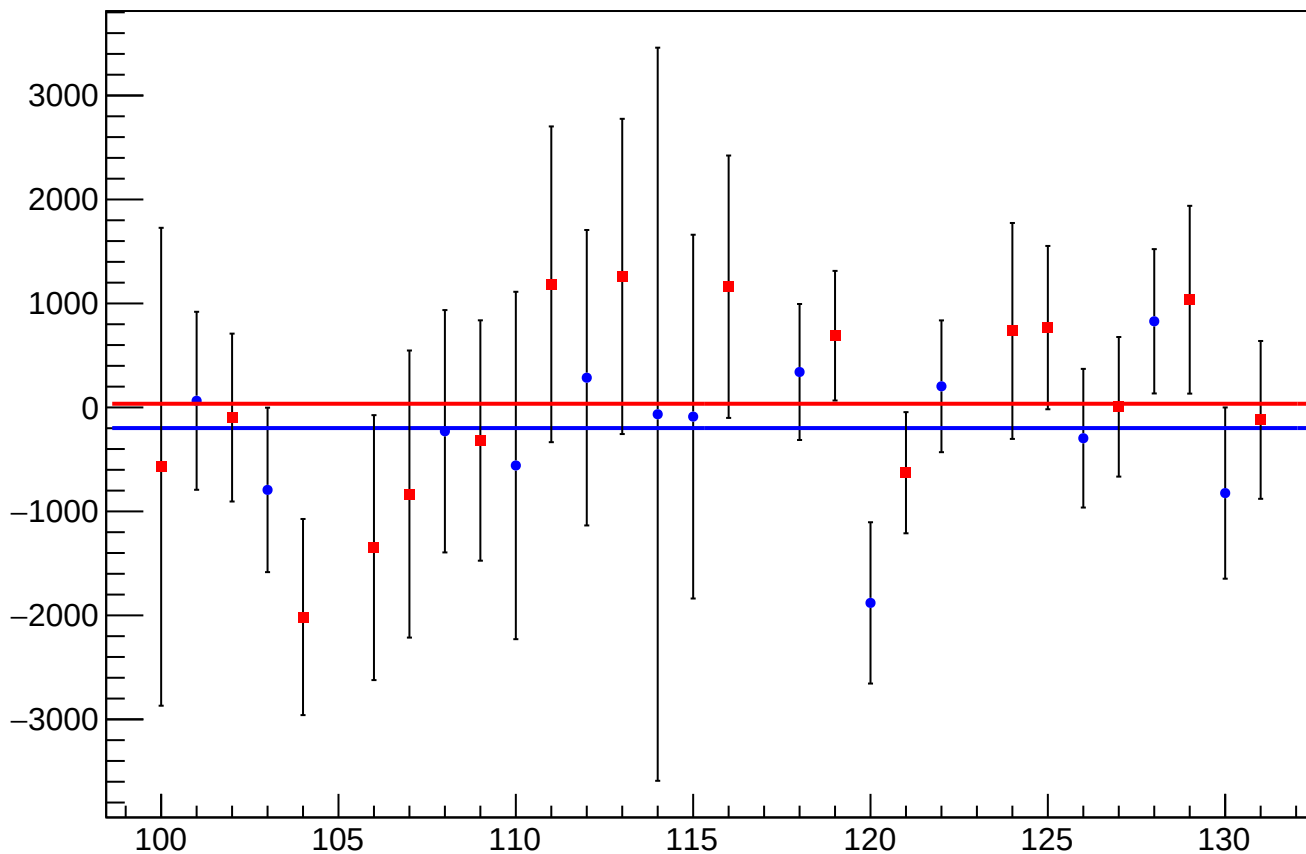
Right: 84.134+/-0.018 χ^2/NDF : 1656321.7/28

In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.134+/-0.018 χ^2/NDF : 1656321.7/28

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -198.517+/-240.767 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.371+/-226.556 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

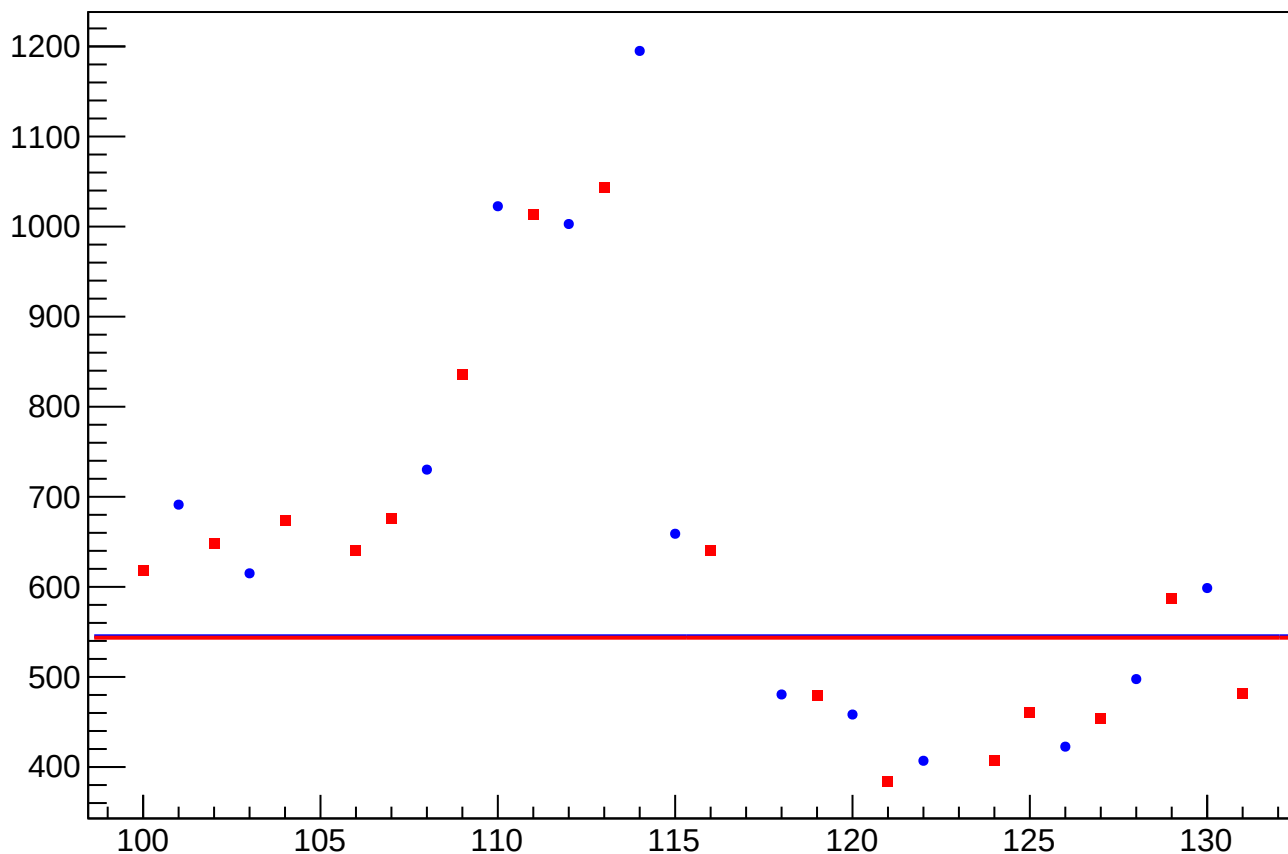
Right: -74.467+/-164.995 χ^2/NDF : 23.4/28

In: -198.517+/-240.767 χ^2/NDF :9.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.467+/-164.995 χ^2/NDF : 23.4/28

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.584+/-0.160 χ^2/NDF : 933099.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

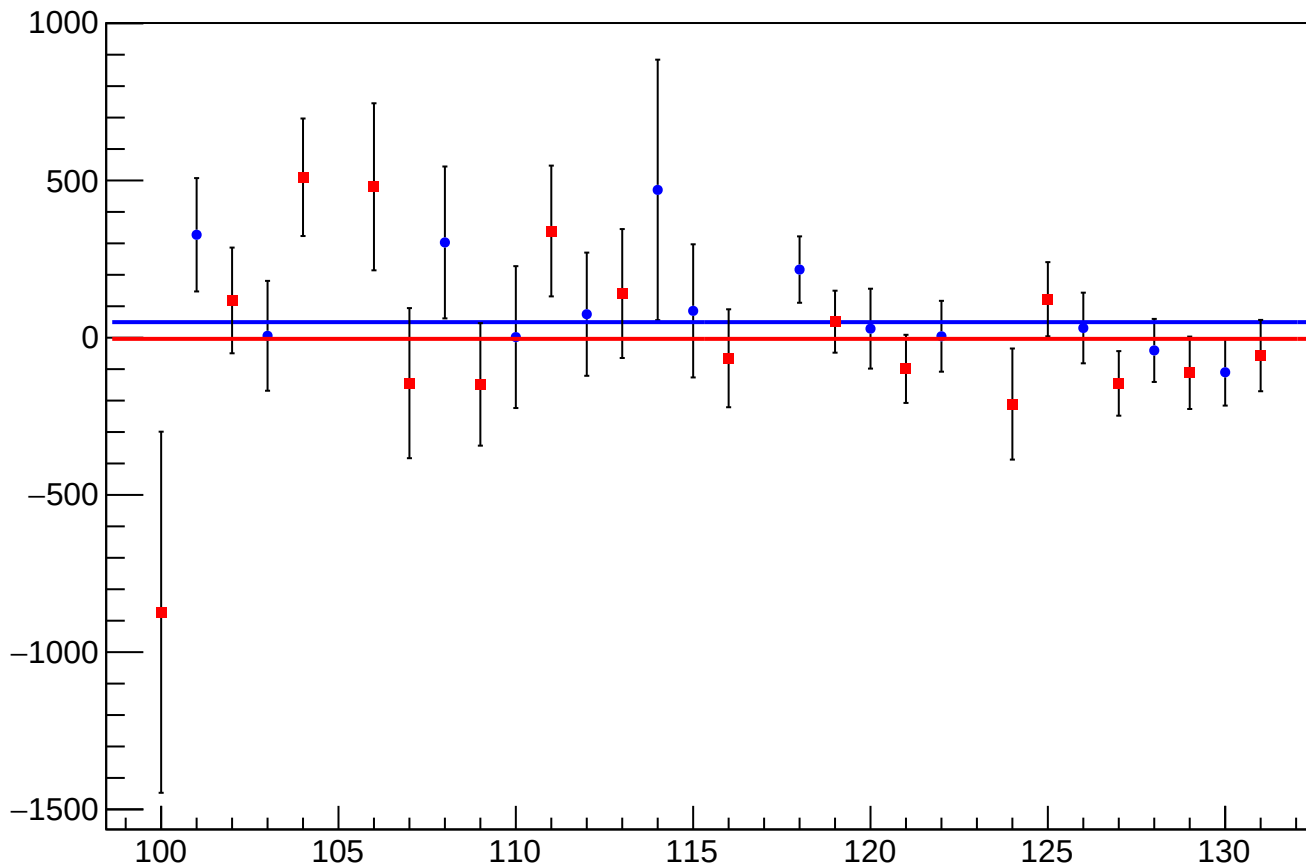
Right: 544.318+/-0.117 χ^2/NDF : 1729903.2/28

In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.318+/-0.117 χ^2/NDF : 1729903.2/28

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 49.472 $\pm$ 39.139 χ^2 /NDF: 10.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.714 $\pm$ 36.431 χ^2 /NDF: 24.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

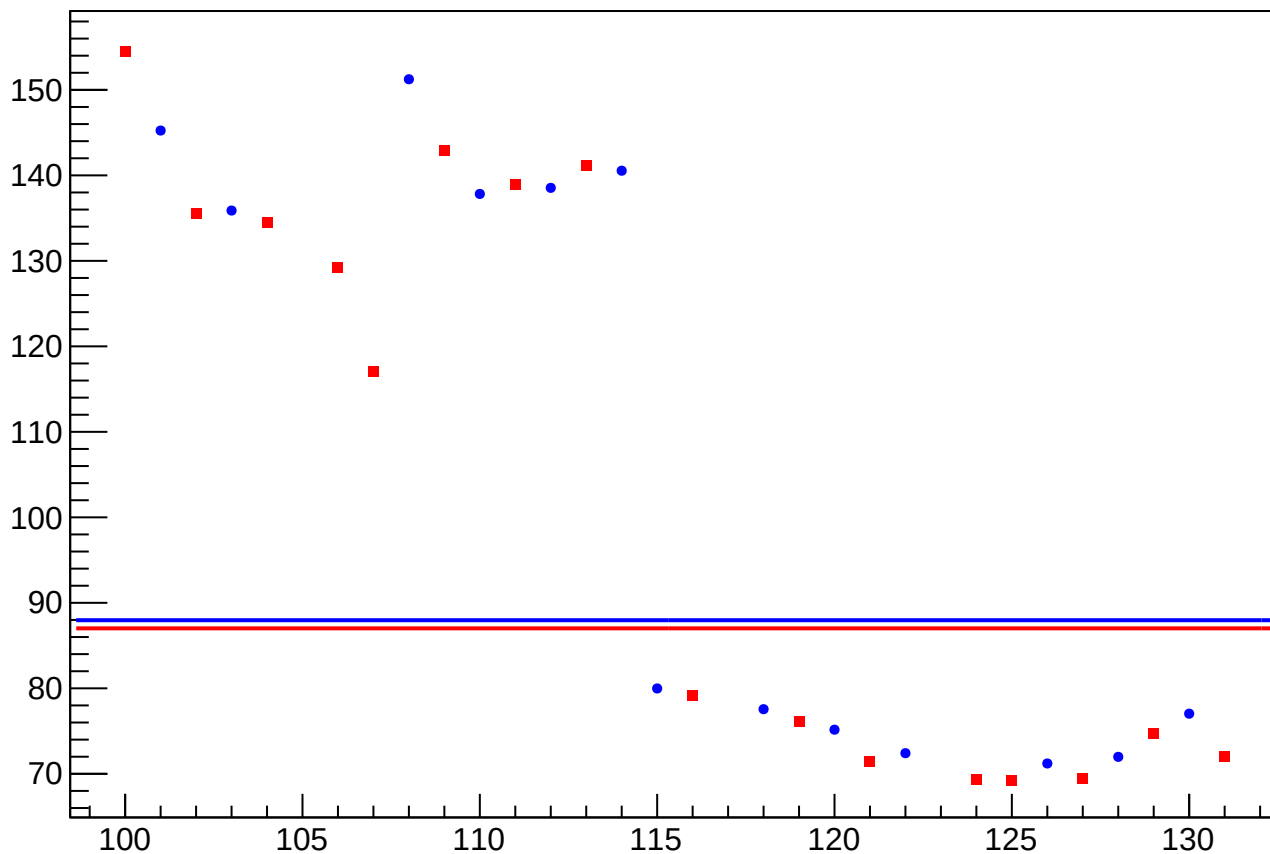
Right: 20.976 $\pm$ 26.667 χ^2 /NDF: 36.0/28

In: 49.472 $\pm$ 39.139 χ^2 /NDF:10.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.976 $\pm$ 26.667 χ^2 /NDF: 36.0/28

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.016+/-0.026 χ^2/NDF : 1086302.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

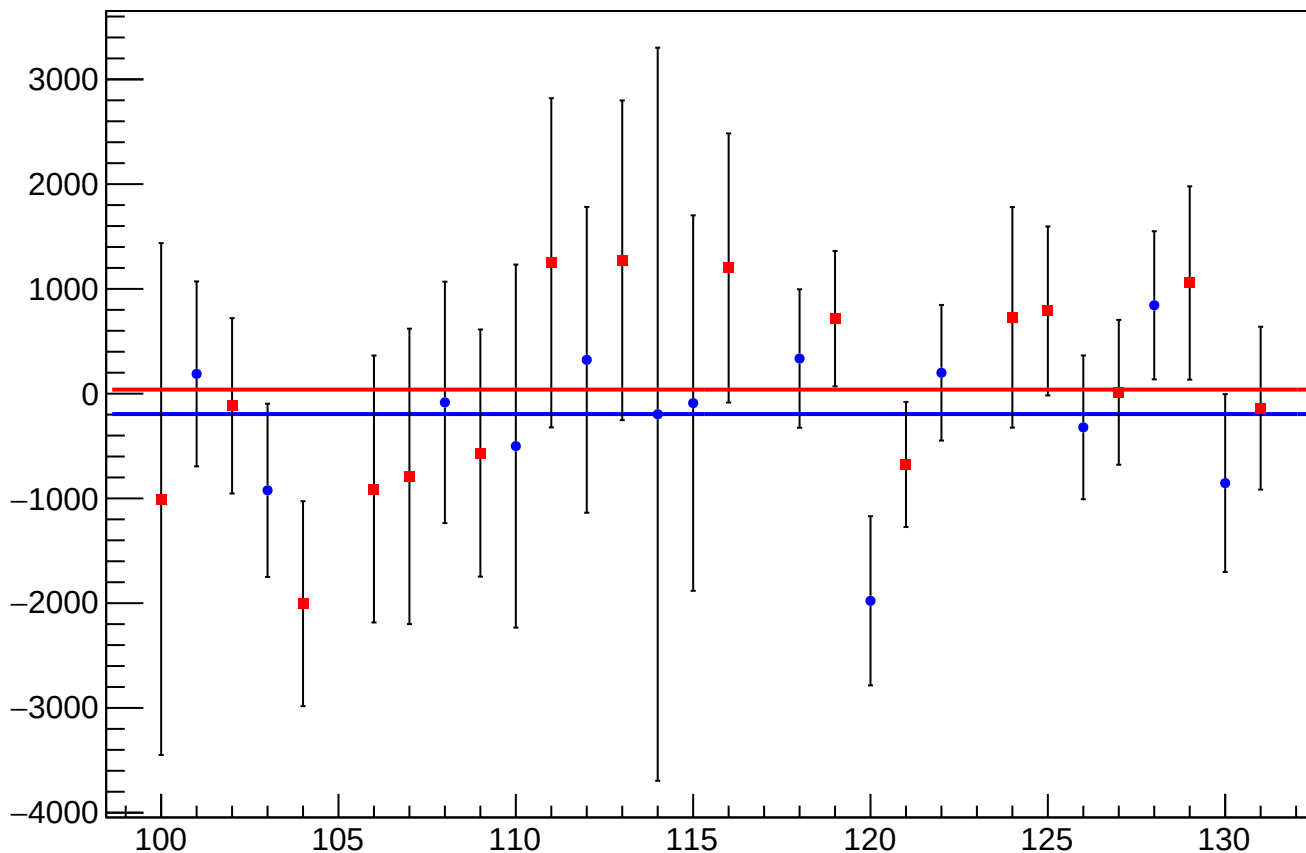
Right: 87.457+/-0.019 χ^2/NDF : 2037261.7/28

In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.457+/-0.019 χ^2/NDF : 2037261.7/28

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -194.788 ± 246.807 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 38.659 ± 232.607 χ^2/NDF : 12.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

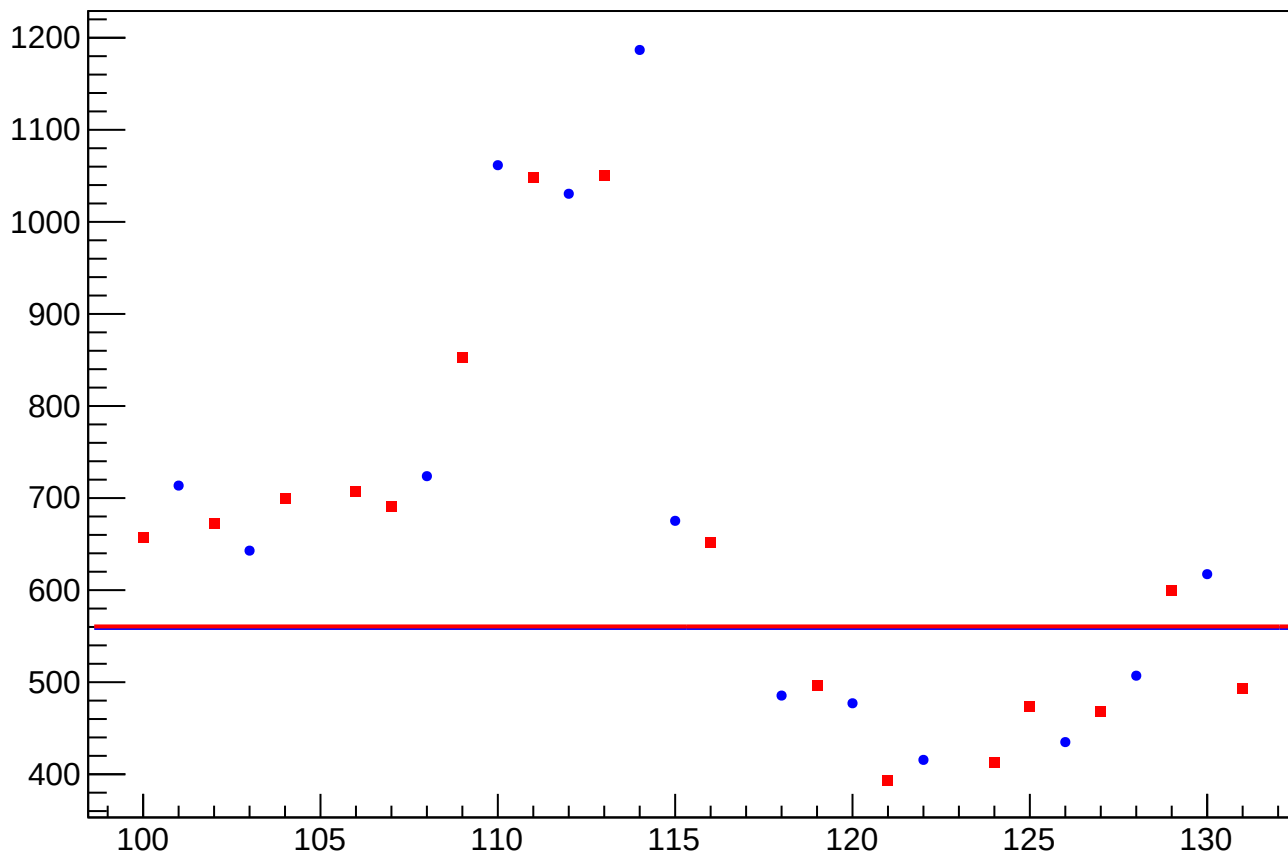
Right: -71.156 ± 169.276 χ^2/NDF : 23.2/28

In: -194.788 ± 246.807 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.156 ± 169.276 χ^2/NDF : 23.2/28

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 558.933+/-0.175 χ^2/NDF : 801710.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.553+/-0.164 χ^2/NDF : 947715.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

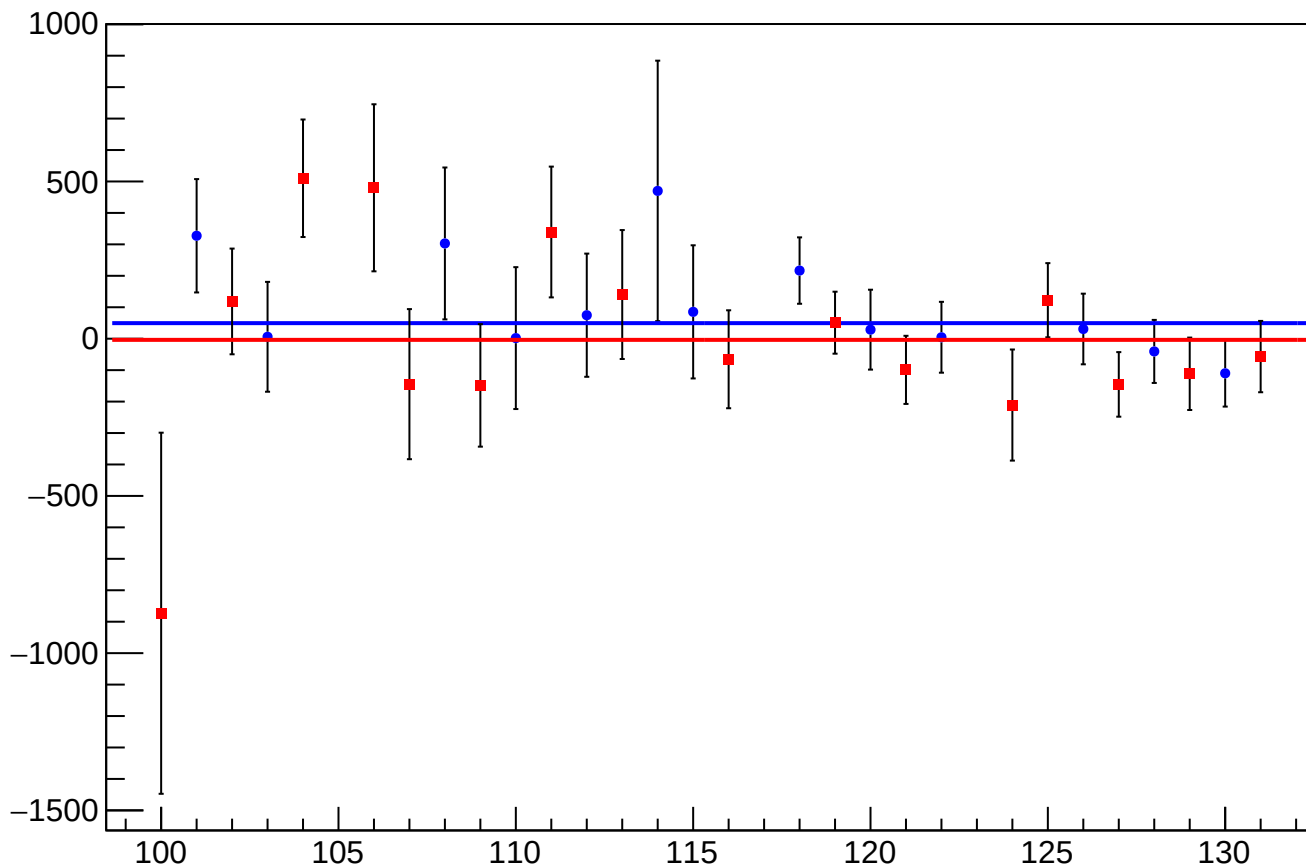
Right: 559.791+/-0.120 χ^2/NDF : 1749472.0/28

In: 558.933+/-0.175 χ^2/NDF : 801710.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.791+/-0.120 χ^2/NDF : 1749472.0/28

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 49.472+/-39.139 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.715+/-36.431 χ^2/NDF : 24.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

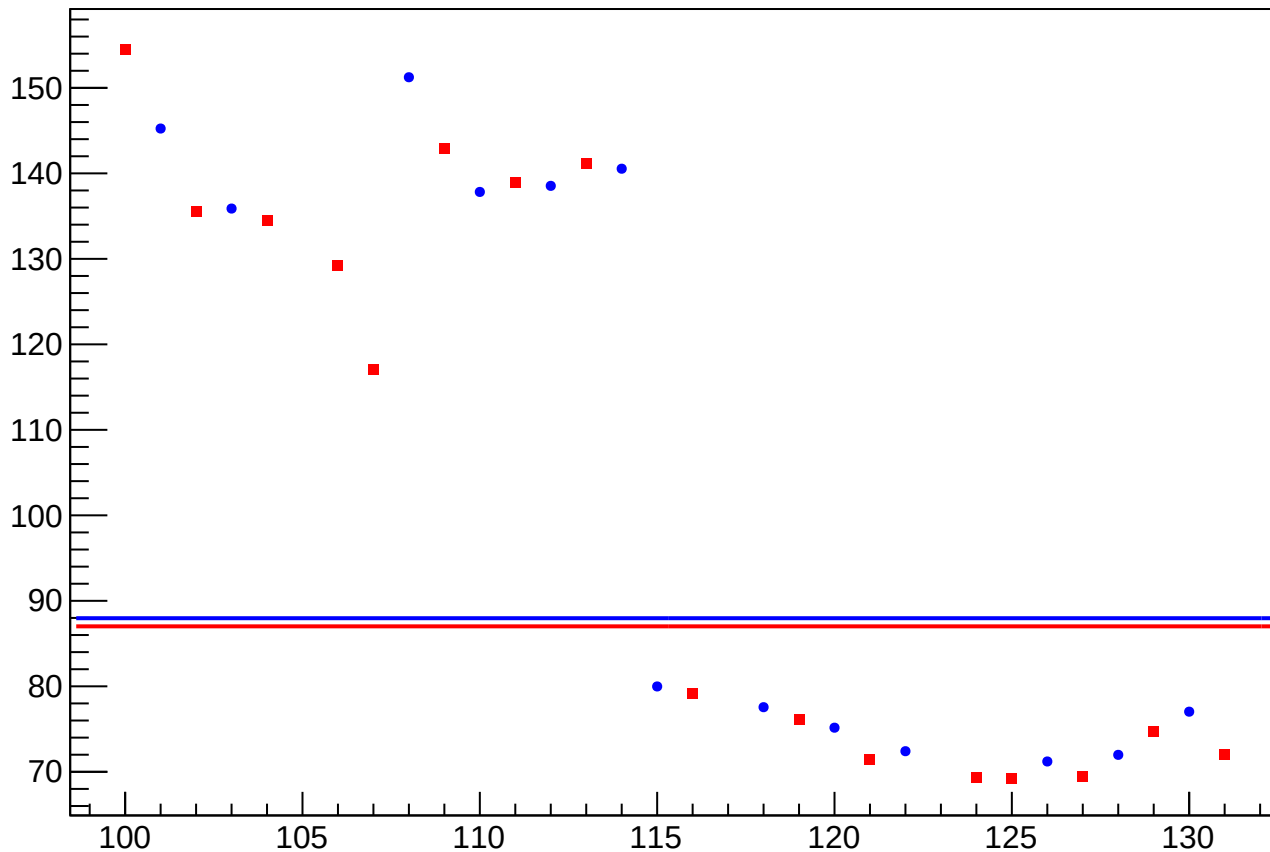
Right: 20.975+/-26.667 χ^2/NDF : 36.0/28

In: 49.472+/-39.139 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.975+/-26.667 χ^2/NDF : 36.0/28

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.015+/-0.026 χ^2/NDF : 1086301.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

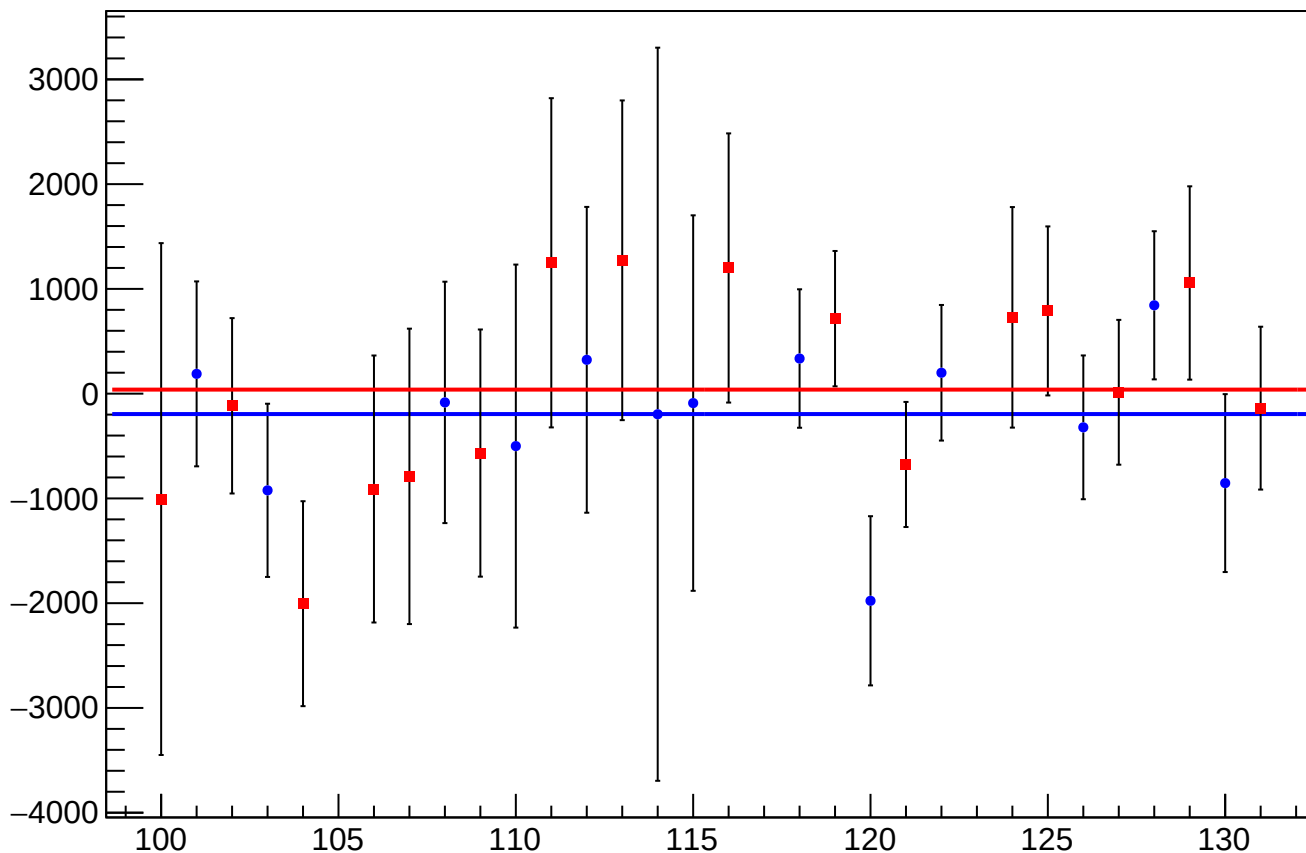
Right: 87.457+/-0.019 χ^2/NDF : 2037261.2/28

In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.457+/-0.019 χ^2/NDF : 2037261.2/28

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -194.789 ± 246.807 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 38.659 ± 232.607 χ^2/NDF : 12.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

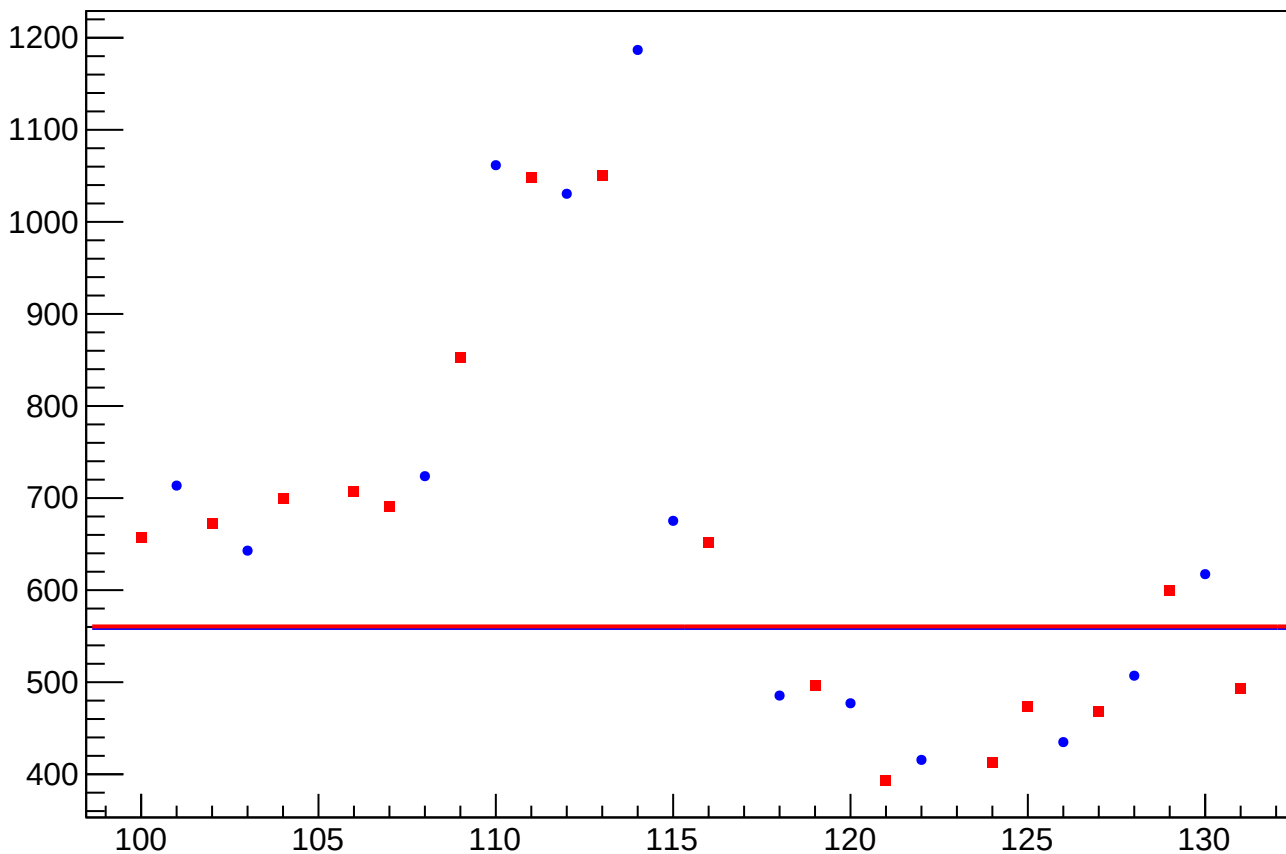
Right: -71.157 ± 169.276 χ^2/NDF : 23.2/28

In: -194.789 ± 246.807 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.157 ± 169.276 χ^2/NDF : 23.2/28

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 558.933+/-0.175 χ^2/NDF : 801711.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 560.553+/-0.164 χ^2/NDF : 947717.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

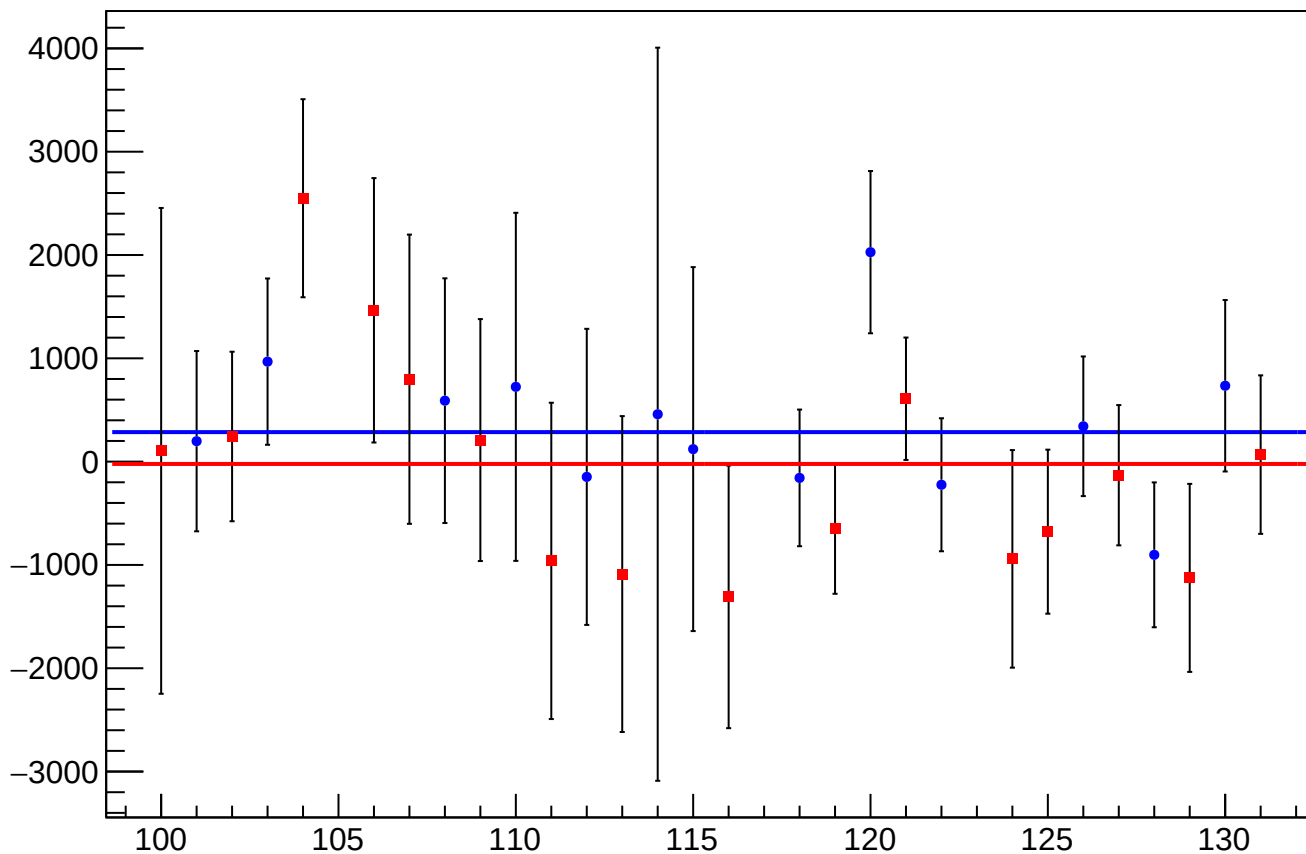
Right: 559.791+/-0.120 χ^2/NDF : 1749474.7/28

In: 558.933+/-0.175 χ^2/NDF :801711.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 559.791+/-0.120 χ^2/NDF : 1749474.7/28

asym_sam1_mean vs Slug, Sign Corrected



Right In: 285.683+/-243.921 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.454+/-229.374 χ^2/NDF : 16.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

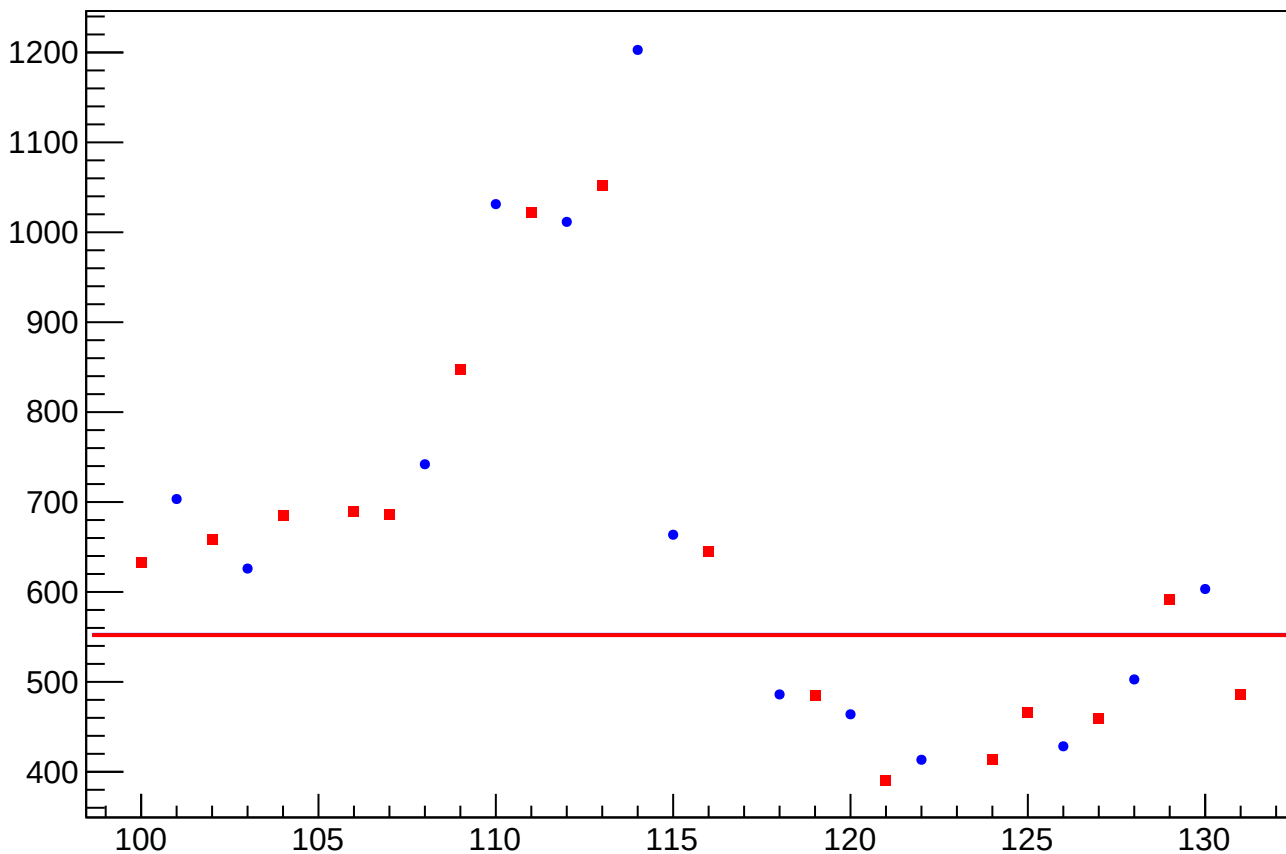
Right: 122.153+/-167.098 χ^2/NDF : 27.0/28

In: 285.683+/-243.921 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.153+/-167.098 χ^2/NDF : 27.0/28

asym_sam1_rms vs Slug, Sign Corrected



Right In: 552.269+/-0.172 χ^2/NDF : 793695.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 552.032+/-0.162 χ^2/NDF : 941423.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

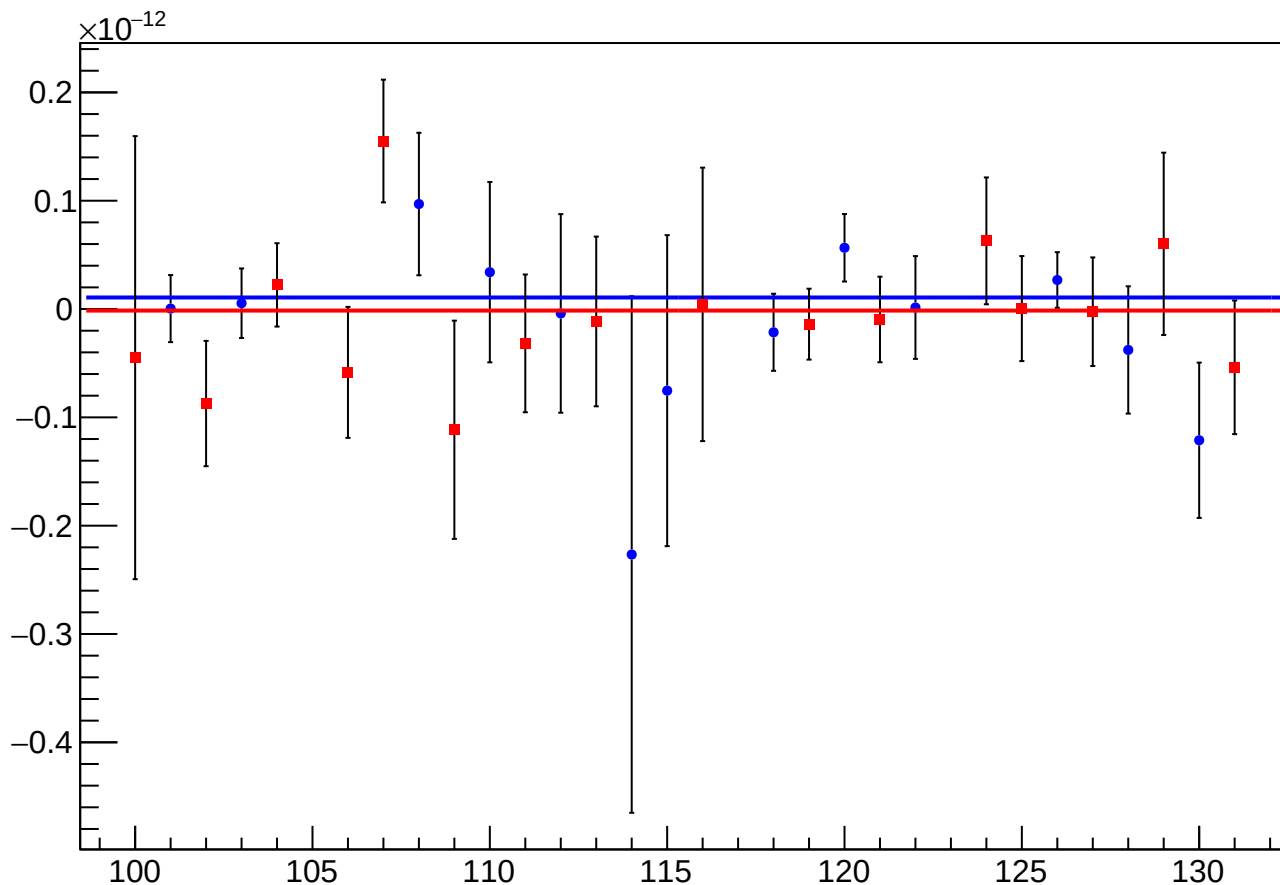
Right: 552.143+/-0.118 χ^2/NDF : 1735119.3/28

In: 552.269+/-0.172 χ^2/NDF :793695.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 552.143+/-0.118 χ^2/NDF : 1735119.3/28

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

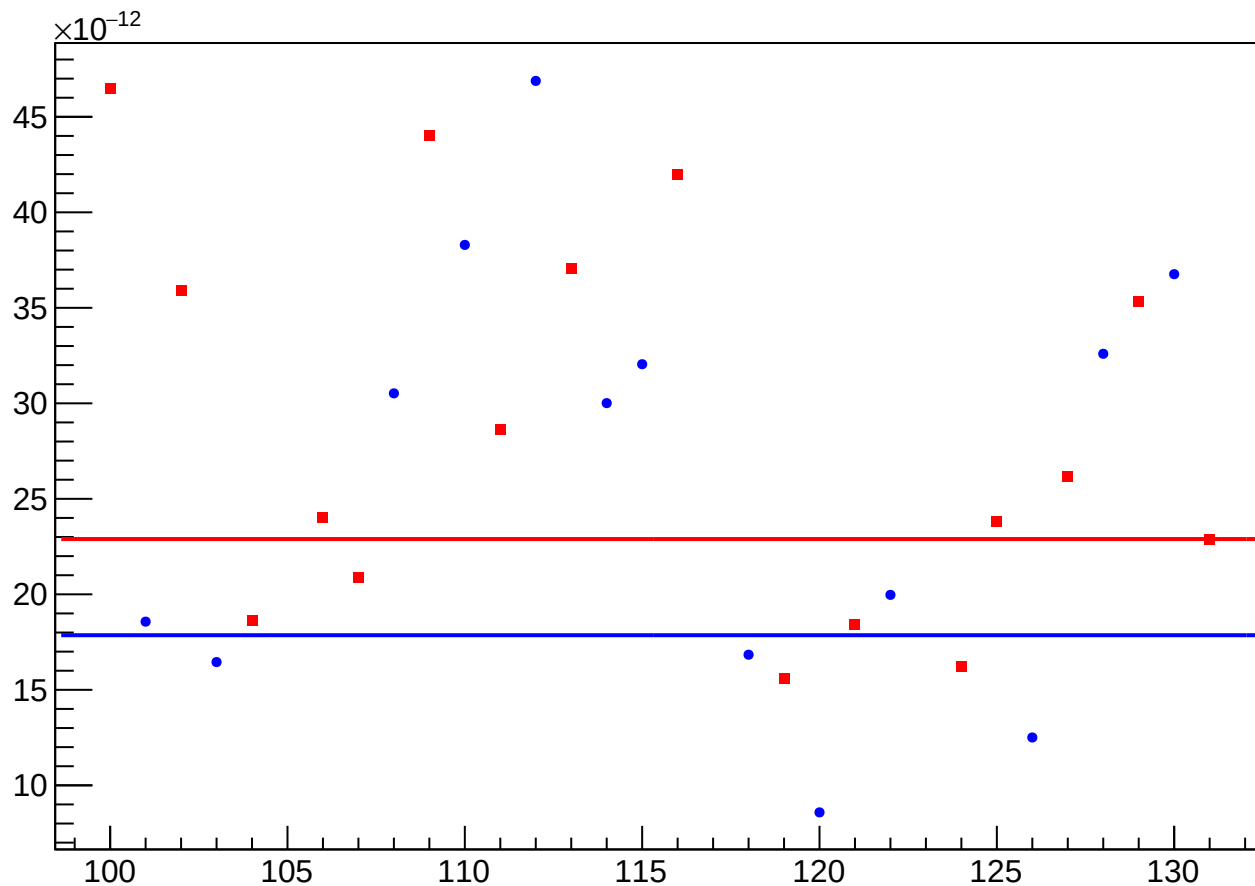
Right: 0.000+/-0.000 χ^2/NDF : 26.5/28

In: 0.000+/-0.000 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.5/28

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 959432.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 575959.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

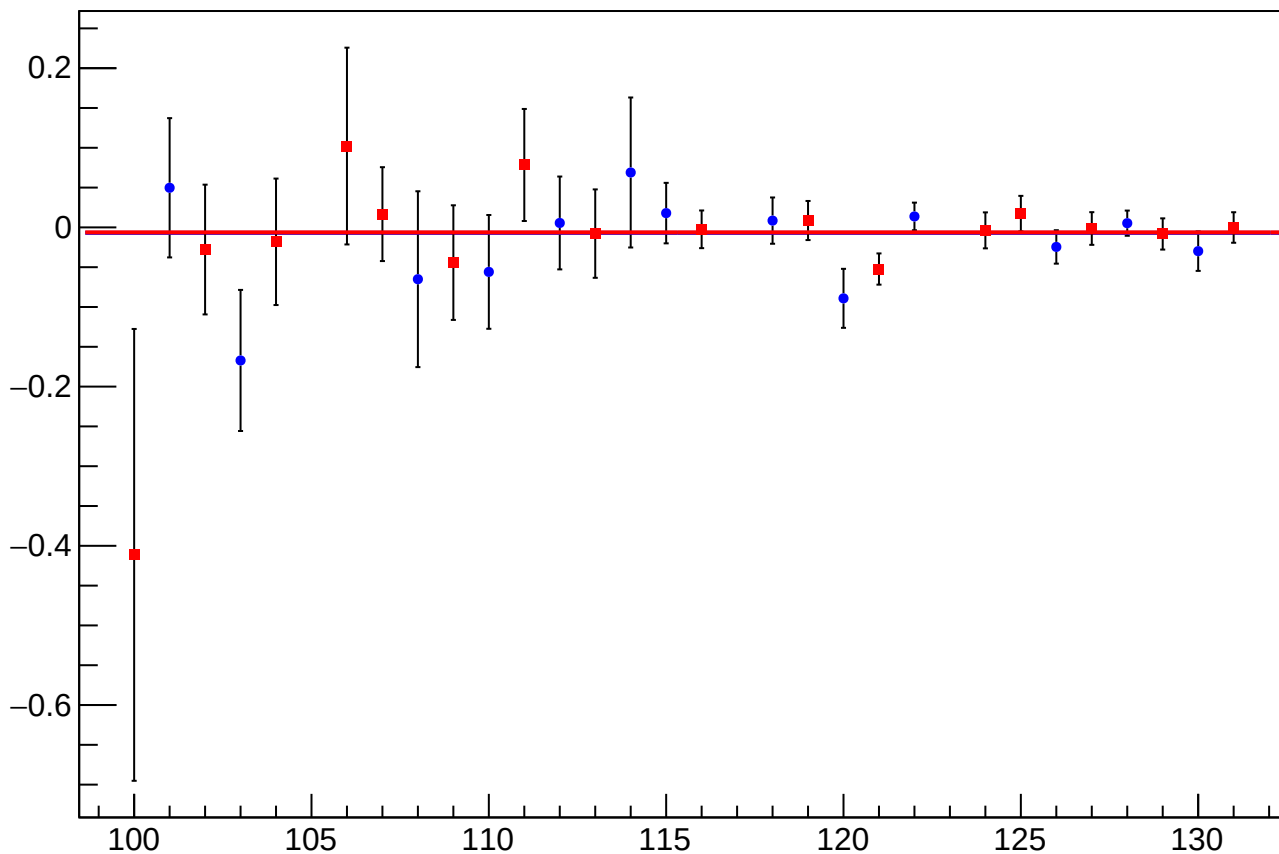
Right: 0.000+/-0.000 χ^2/NDF : 1686040.2/28

In: 0.000+/-0.000 χ^2/NDF : 959432.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1686040.2/28

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.008 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.007 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

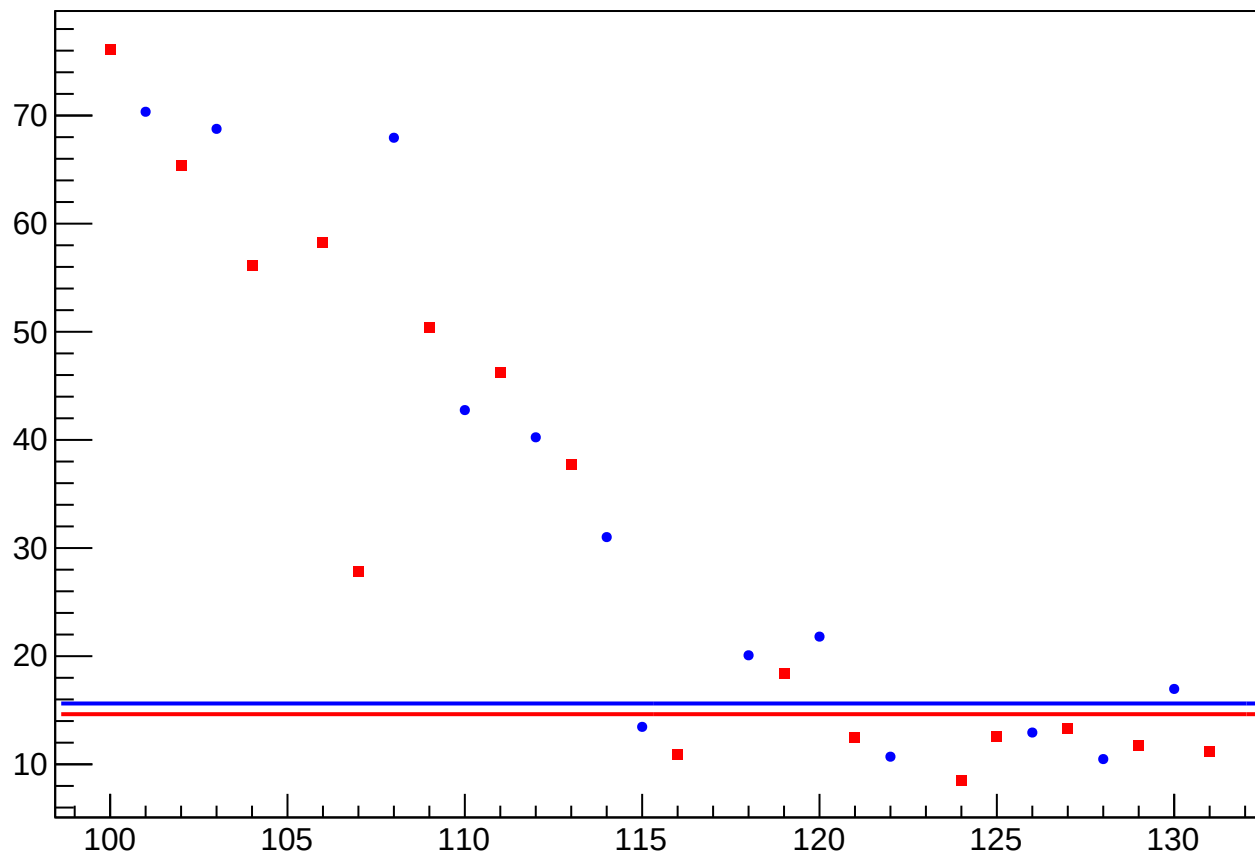
Right: -0.007+/-0.005 χ^2/NDF : 26.3/28

In: -0.007+/-0.008 χ^2/NDF :14.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.005 χ^2/NDF : 26.3/28

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408095.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

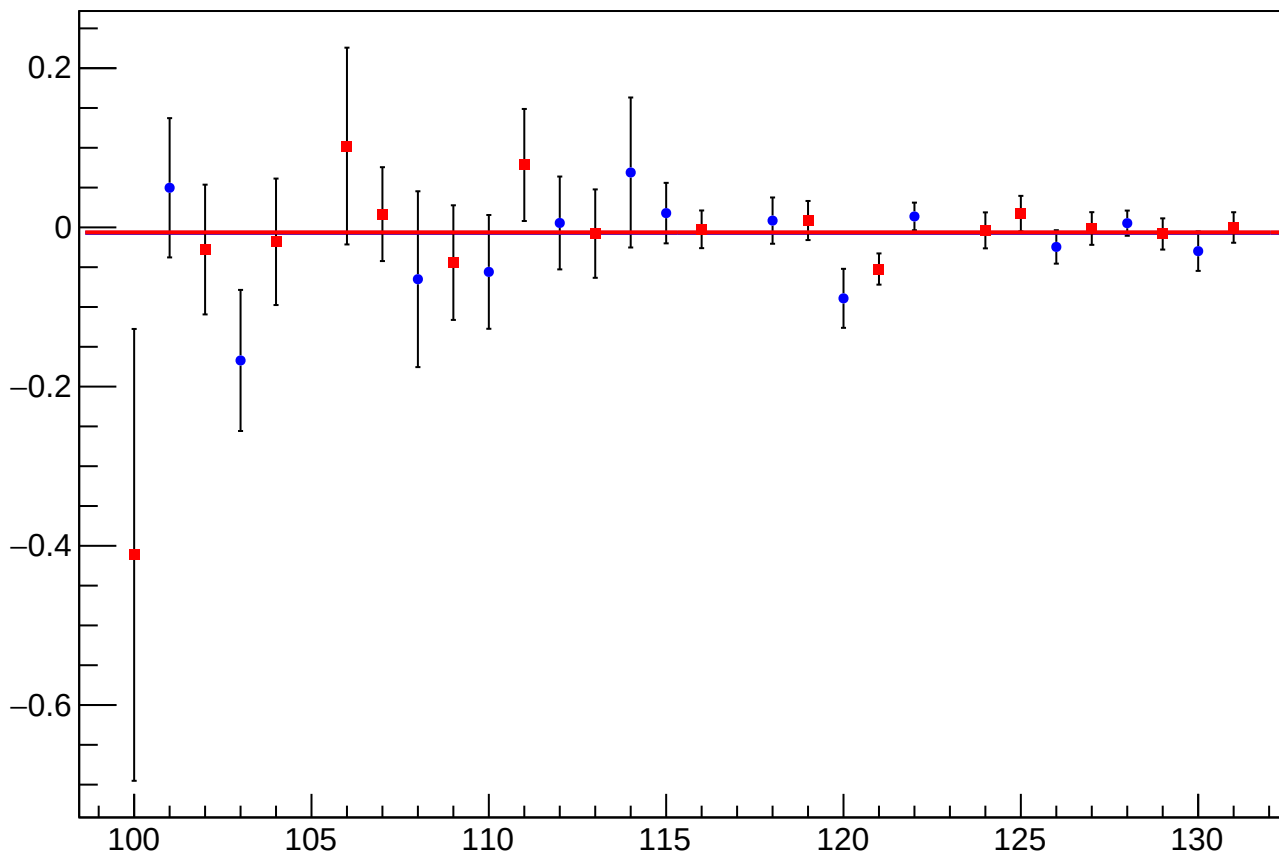
Right: 15.066+/-0.004 χ^2/NDF : 6592692.2/28

In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592692.2/28

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.007 χ^2/NDF : 12.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

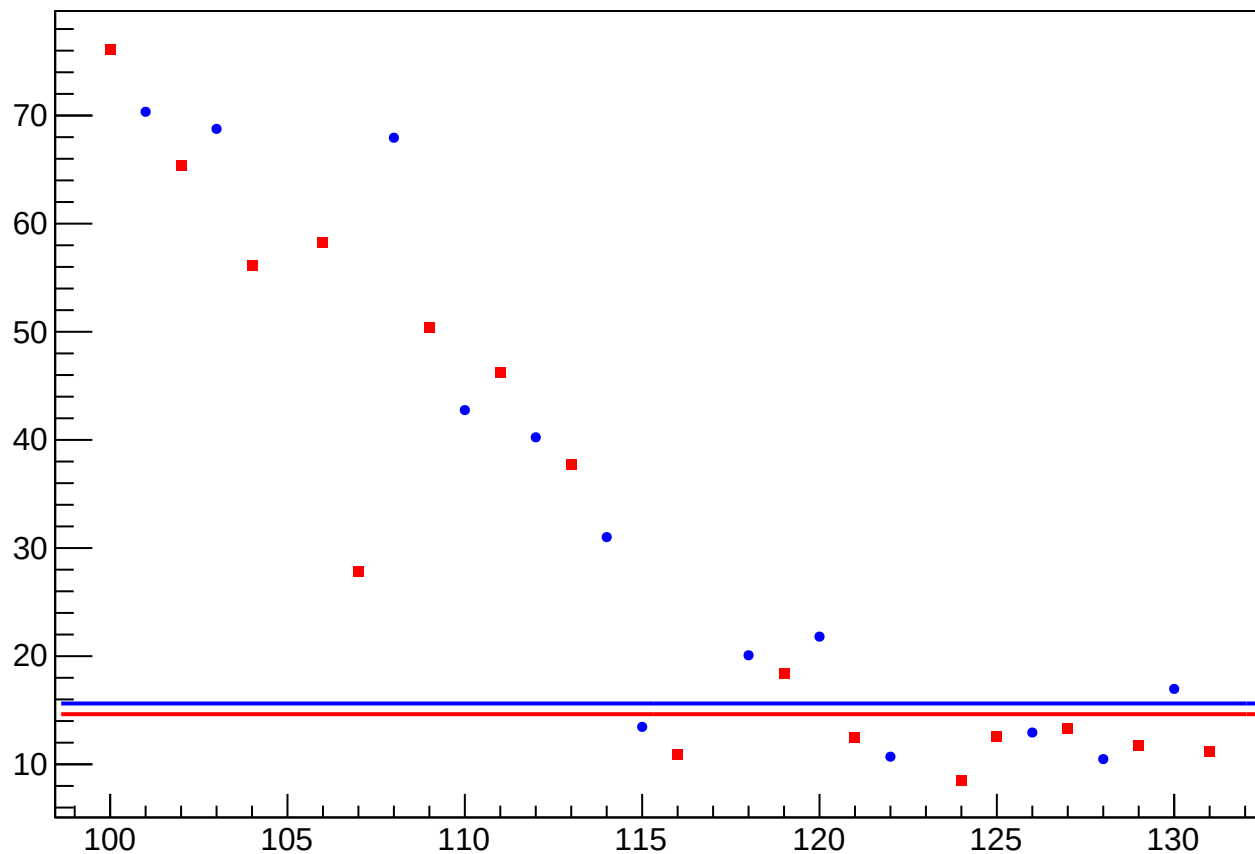
Right: -0.007 ± 0.005 χ^2/NDF : 26.3/28

In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.005 χ^2/NDF : 26.3/28

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408095.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

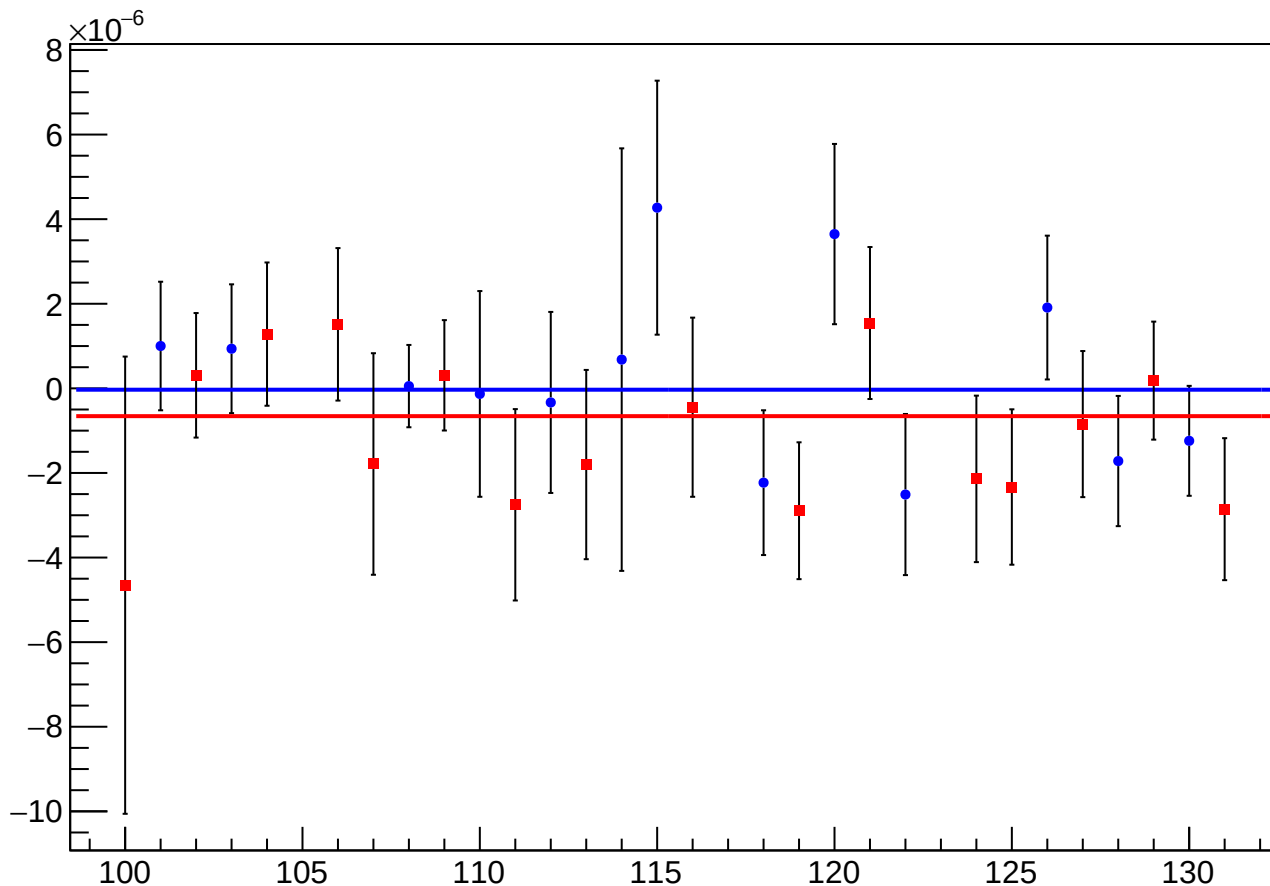
Right: 15.066+/-0.004 χ^2/NDF : 6592692.2/28

In: 15.624+/-0.006 χ^2/NDF :3168317.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592692.2/28

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

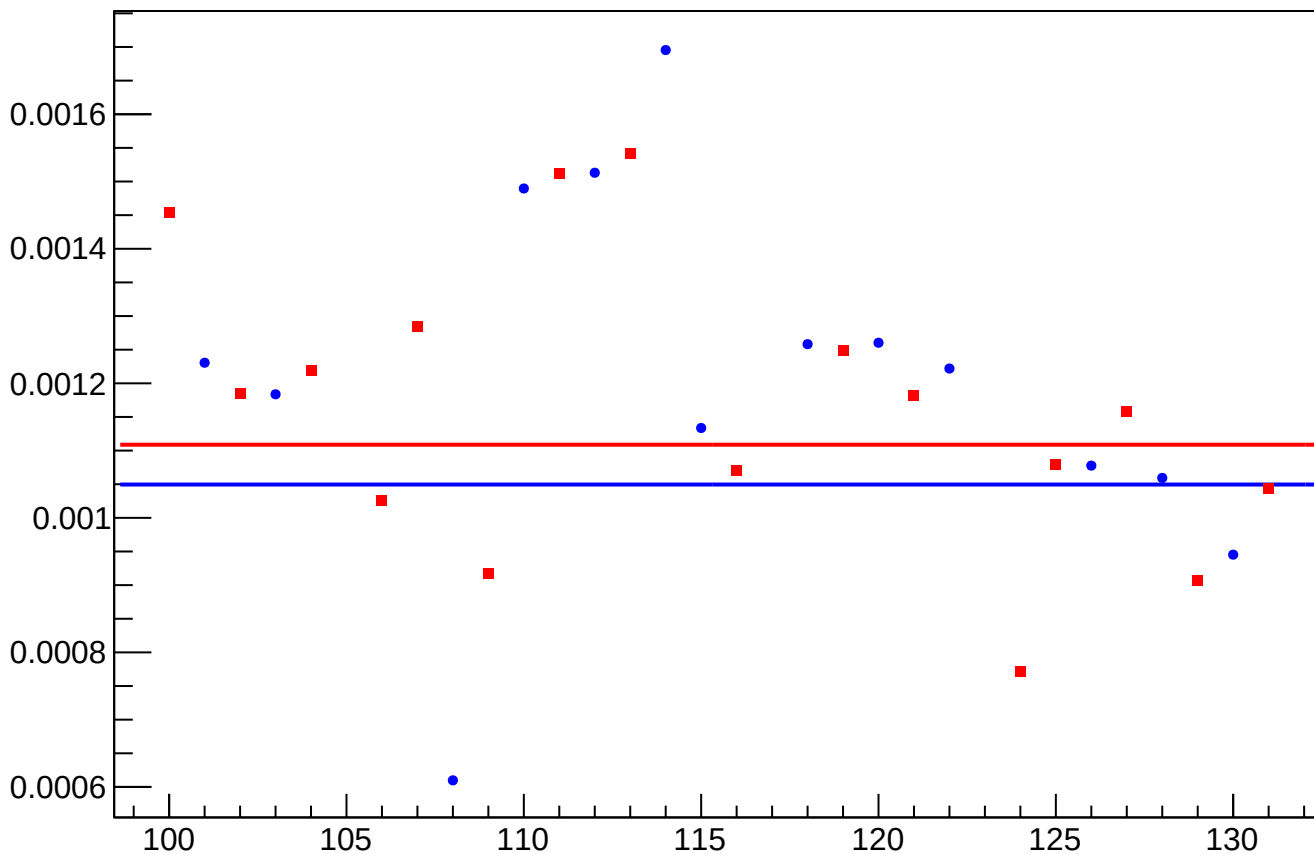
Right: -0.000+/-0.000 χ^2 /NDF: 26.1/28

In: -0.000+/-0.000 χ^2 /NDF:12.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.1/28

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 725907.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 341741.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

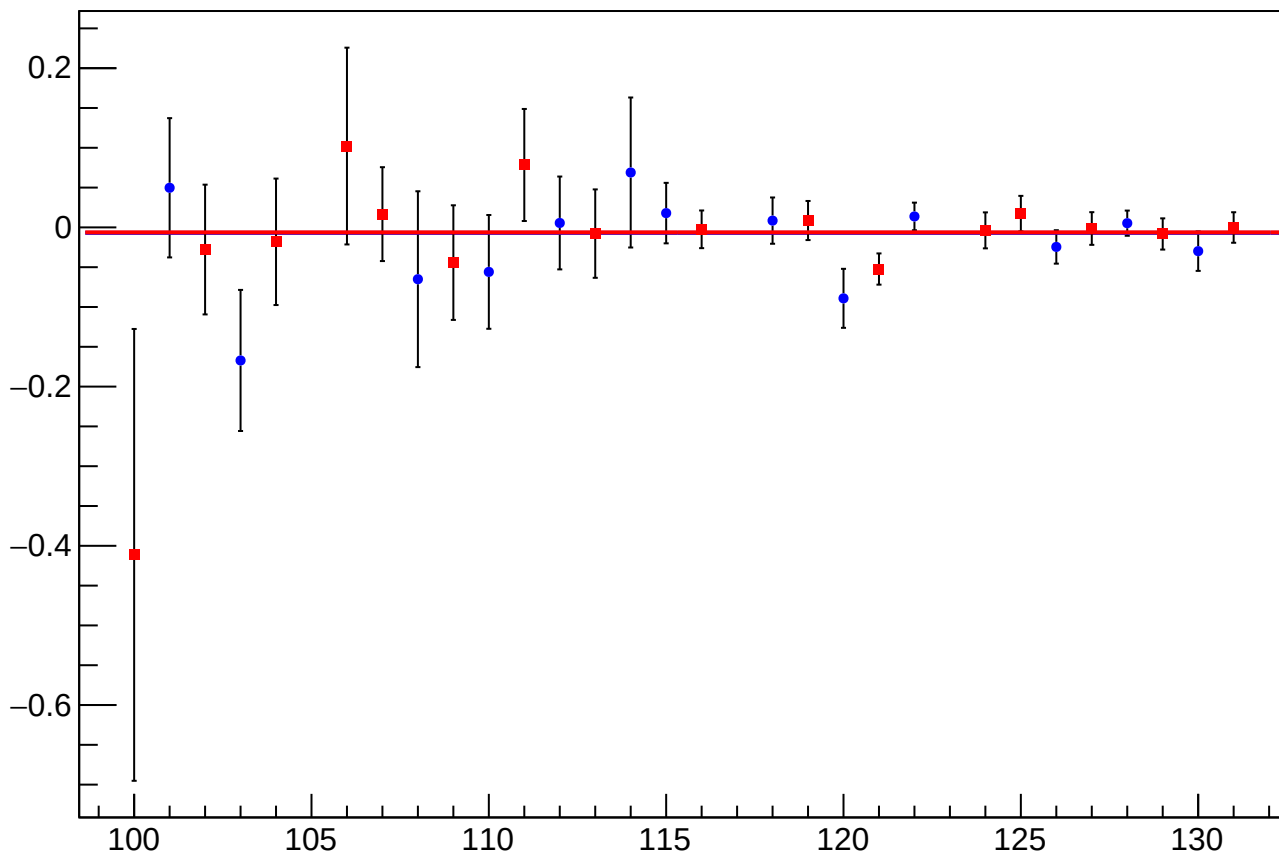
Right: 0.001+/-0.000 χ^2/NDF : 1084463.3/28

In: 0.001+/-0.000 χ^2/NDF : 725907.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1084463.3/28

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.007 χ^2/NDF : 12.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

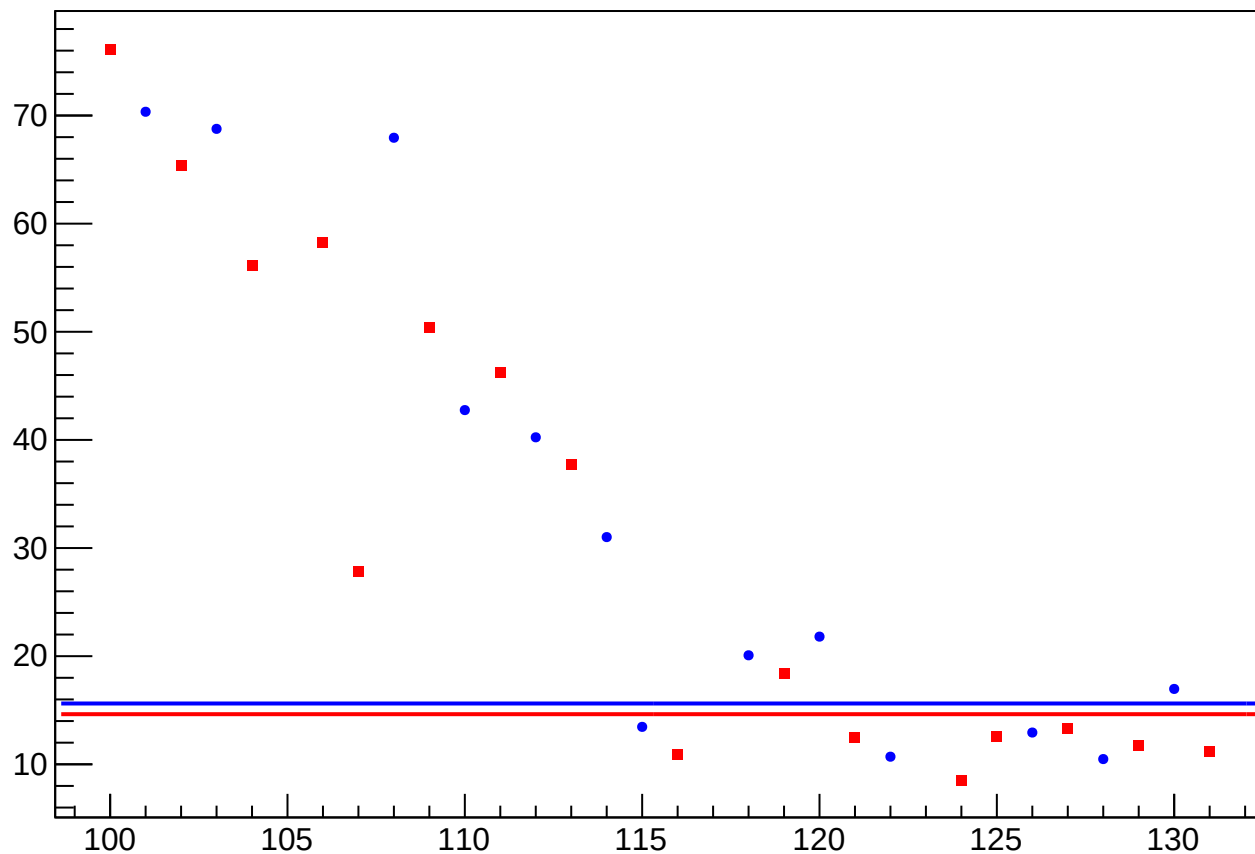
Right: -0.007 ± 0.005 χ^2/NDF : 26.3/28

In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.005 χ^2/NDF : 26.3/28

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408109.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

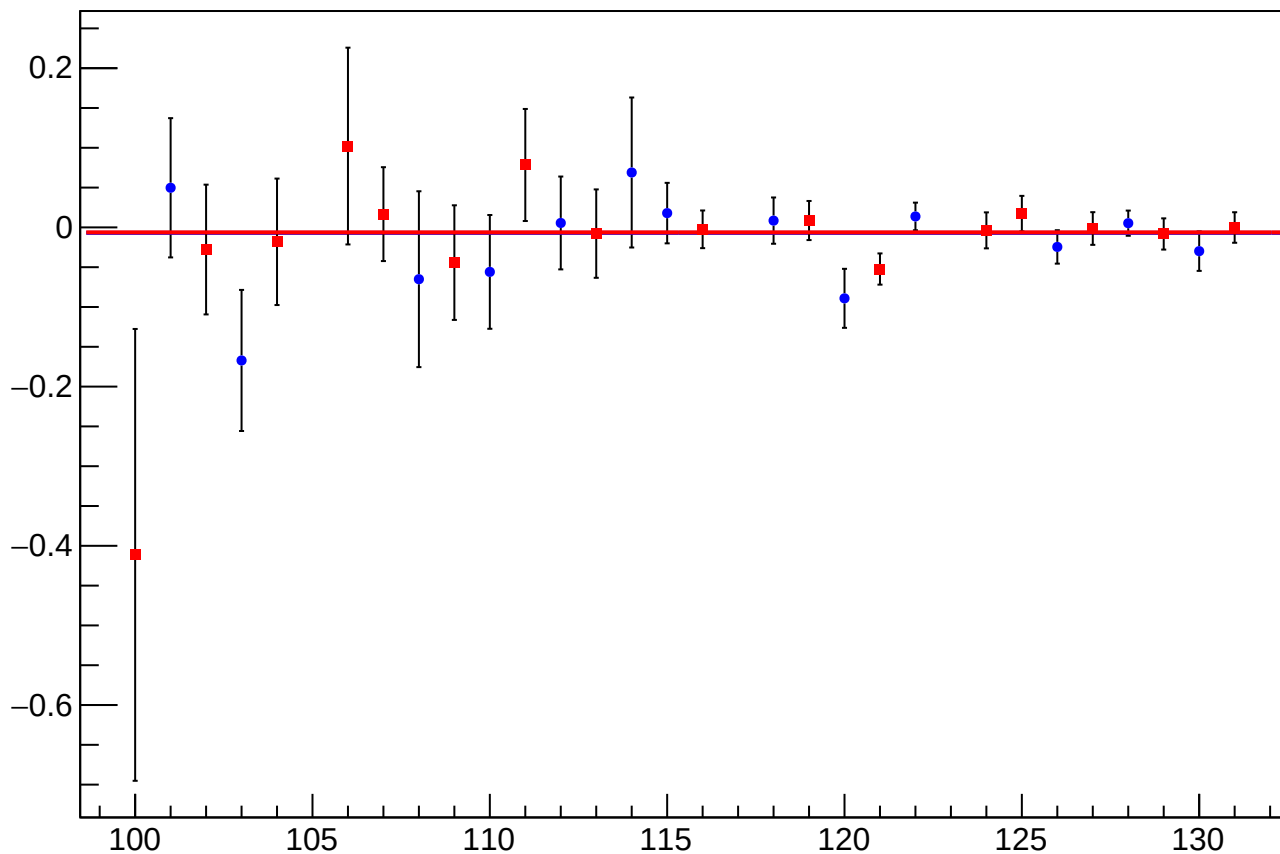
Right: 15.066+/-0.004 χ^2/NDF : 6592746.6/28

In: 15.624+/-0.006 χ^2/NDF :3168362.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592746.6/28

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.007 χ^2/NDF : 12.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

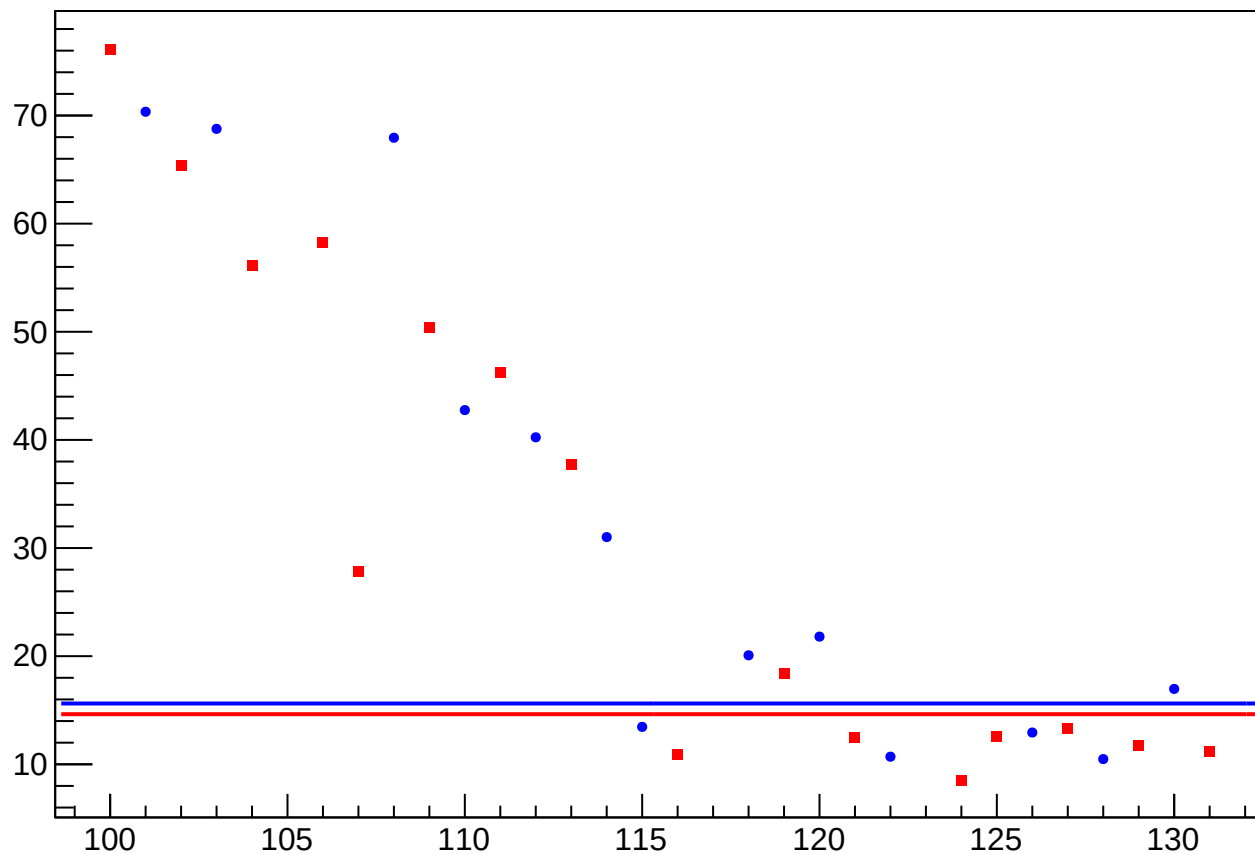
Right: -0.007 ± 0.005 χ^2/NDF : 26.3/28

In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.005 χ^2/NDF : 26.3/28

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408109.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

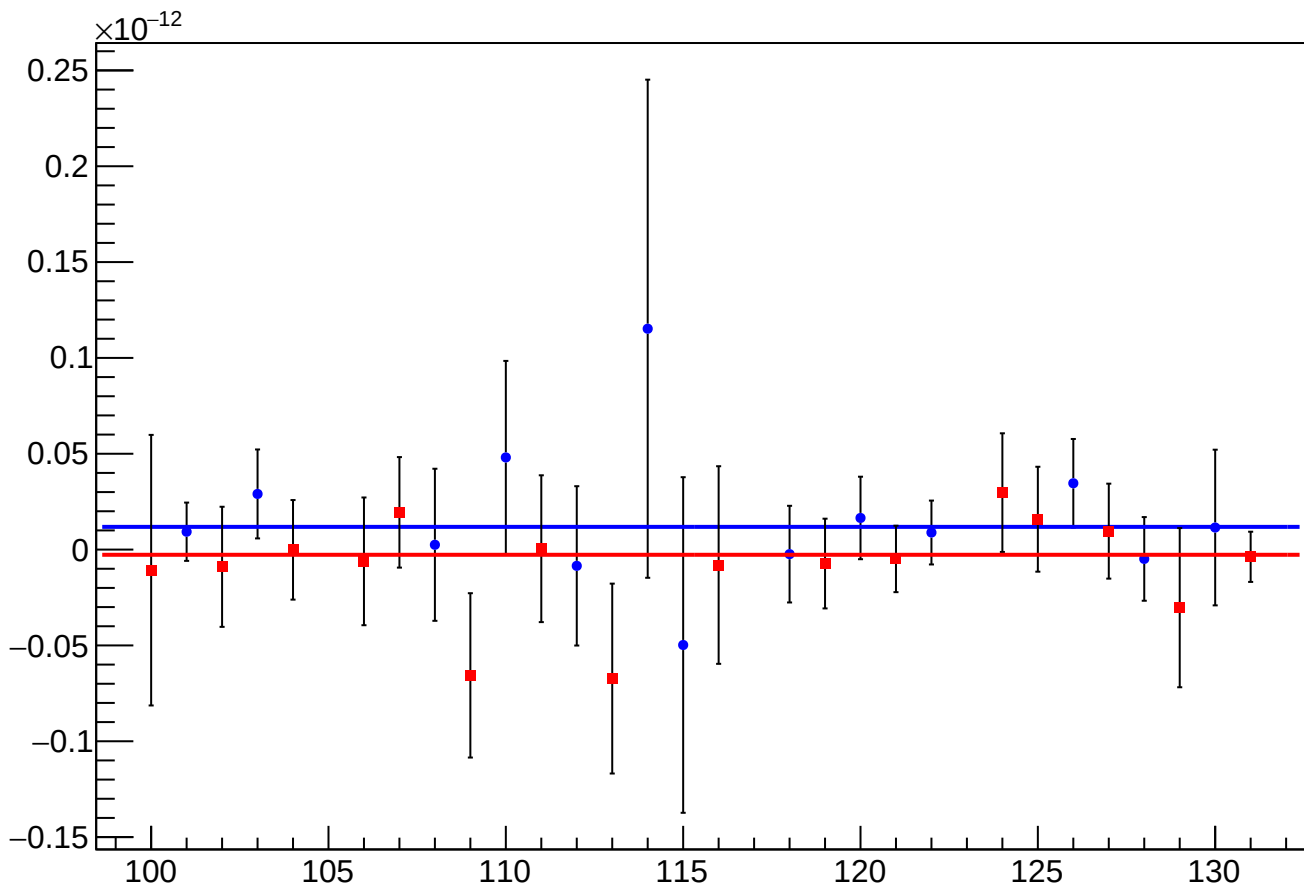
Right: 15.066+/-0.004 χ^2/NDF : 6592746.6/28

In: 15.624+/-0.006 χ^2/NDF :3168362.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592746.6/28

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

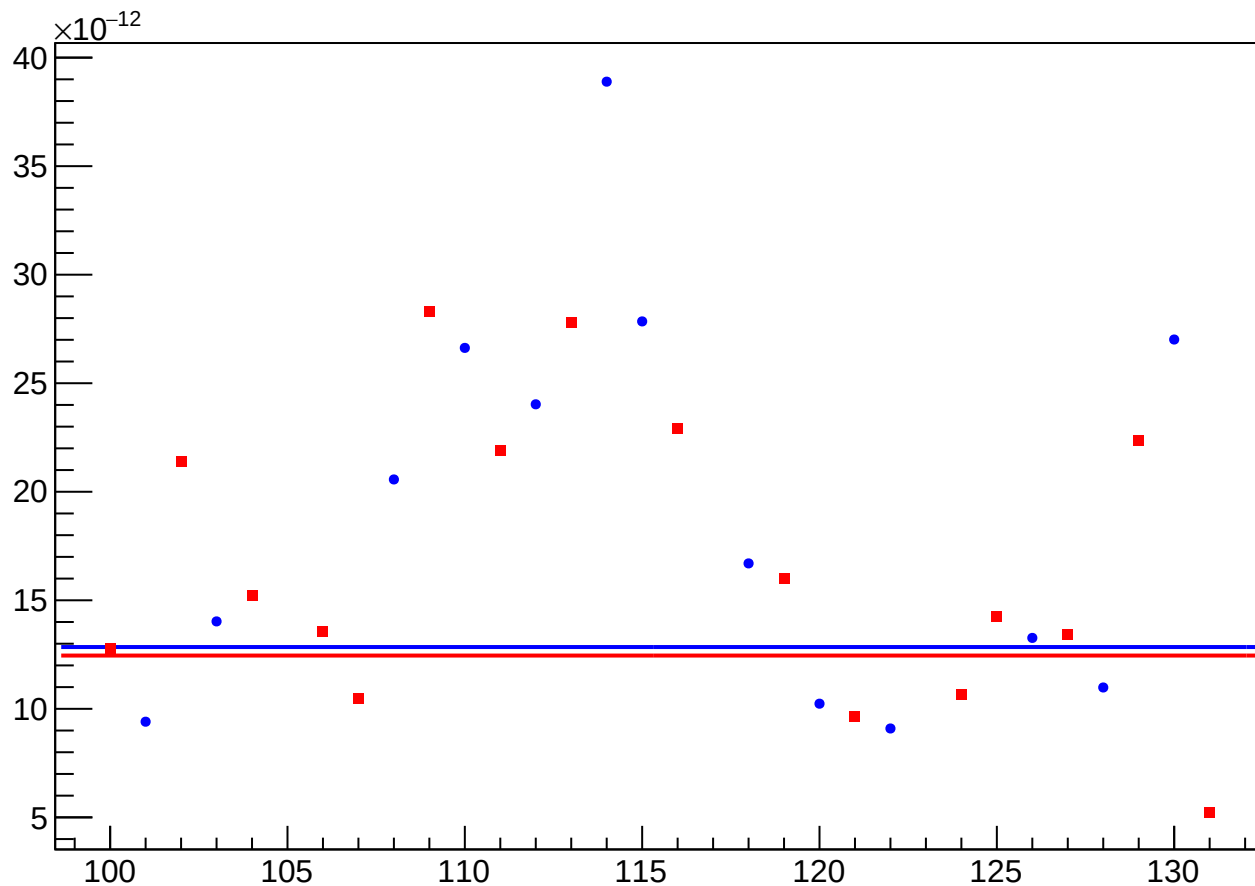
Right: 0.000+/-0.000 χ^2/NDF : 13.5/28

In: 0.000+/-0.000 χ^2/NDF : 4.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.5/28

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1053106.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1707232.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

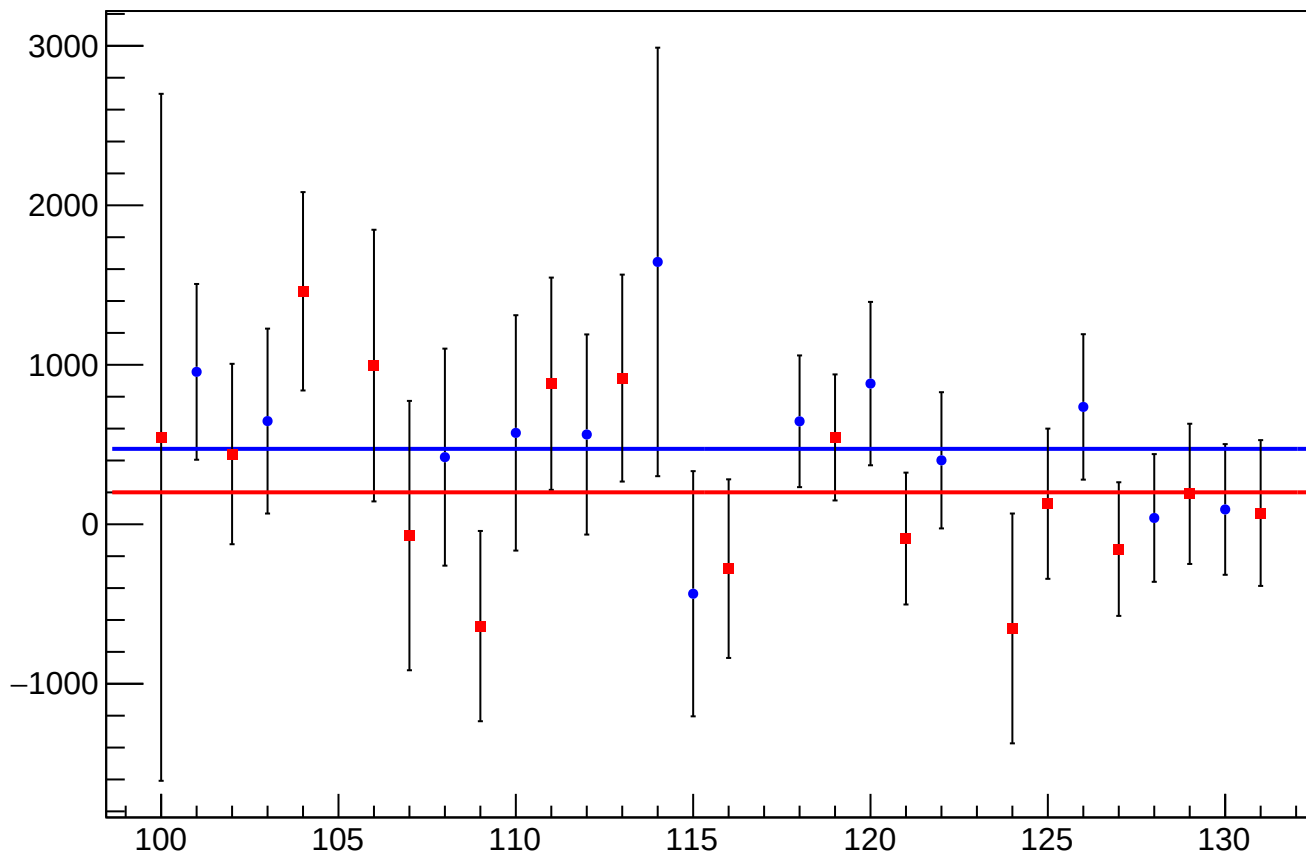
Right: 0.000+/-0.000 χ^2/NDF : 2763585.7/28

In: 0.000+/-0.000 χ^2/NDF : 1053106.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2763585.7/28

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.419+/-136.475 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

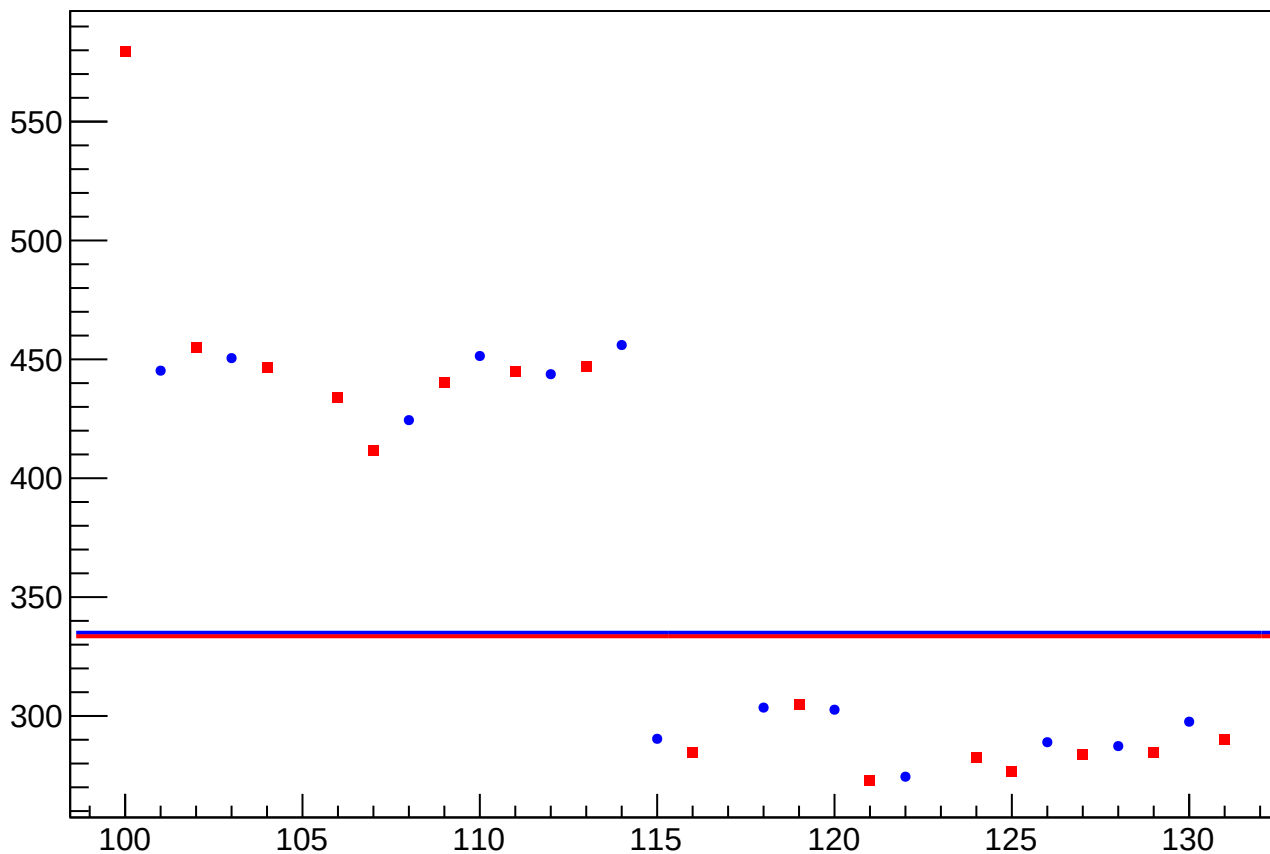
Right: 327.939+/-99.551 χ^2/NDF : 21.9/28

In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.939+/-99.551 χ^2/NDF : 21.9/28

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 335.006+/-0.103 χ^2/NDF : 452035.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.524+/-0.097 χ^2/NDF : 589711.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

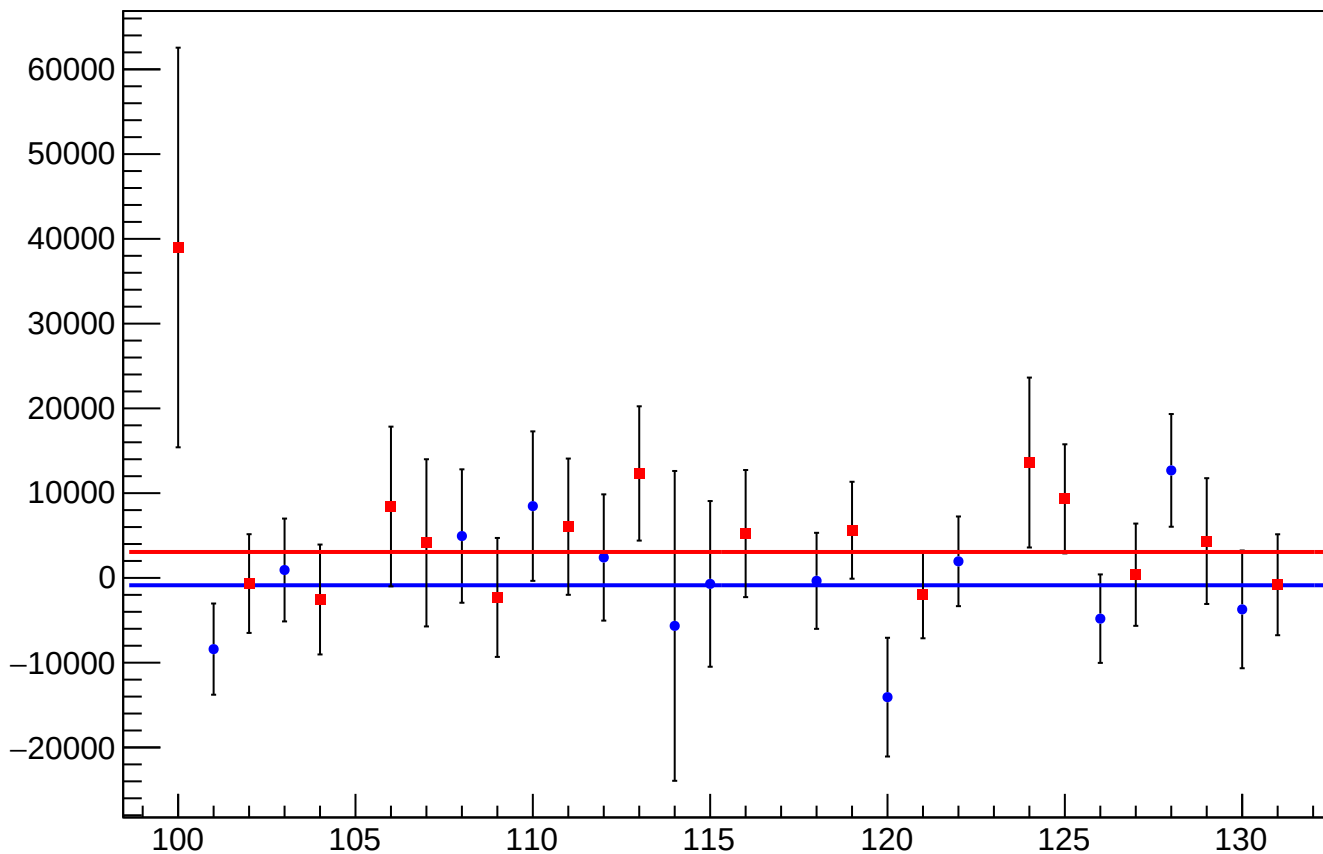
Right: 334.218+/-0.070 χ^2/NDF : 1041857.3/28

In: 335.006+/-0.103 χ^2/NDF : 452035.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.218+/-0.070 χ^2/NDF : 1041857.3/28

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -866.548+/-1858.340 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3060.115+/-1760.457 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

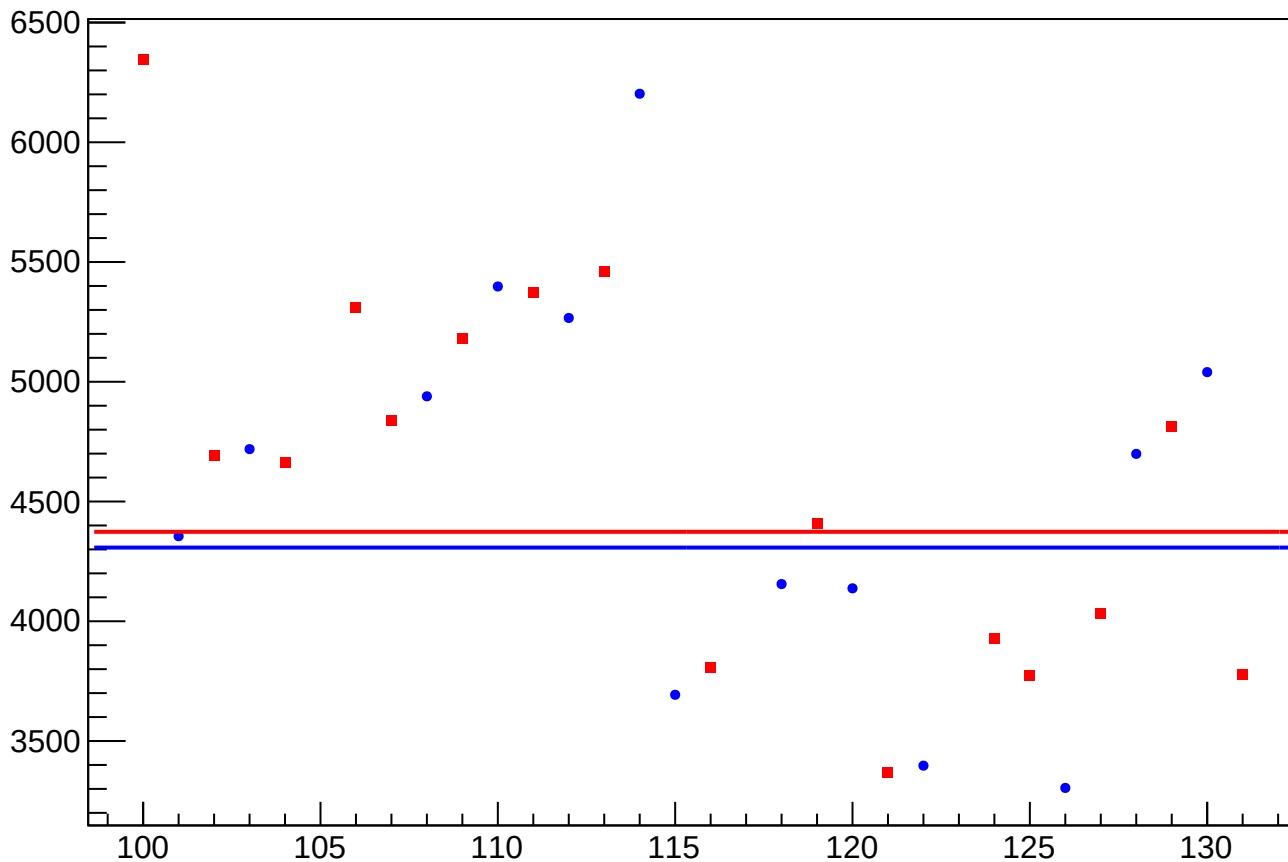
Right: 1202.917+/-1278.034 χ^2/NDF : 24.9/28

In: -866.548+/-1858.340 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1202.917+/-1278.034 χ^2/NDF : 24.9/28

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4307.720+/-1.314 χ^2/NDF : 280363.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4373.527+/-1.245 χ^2/NDF : 286143.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

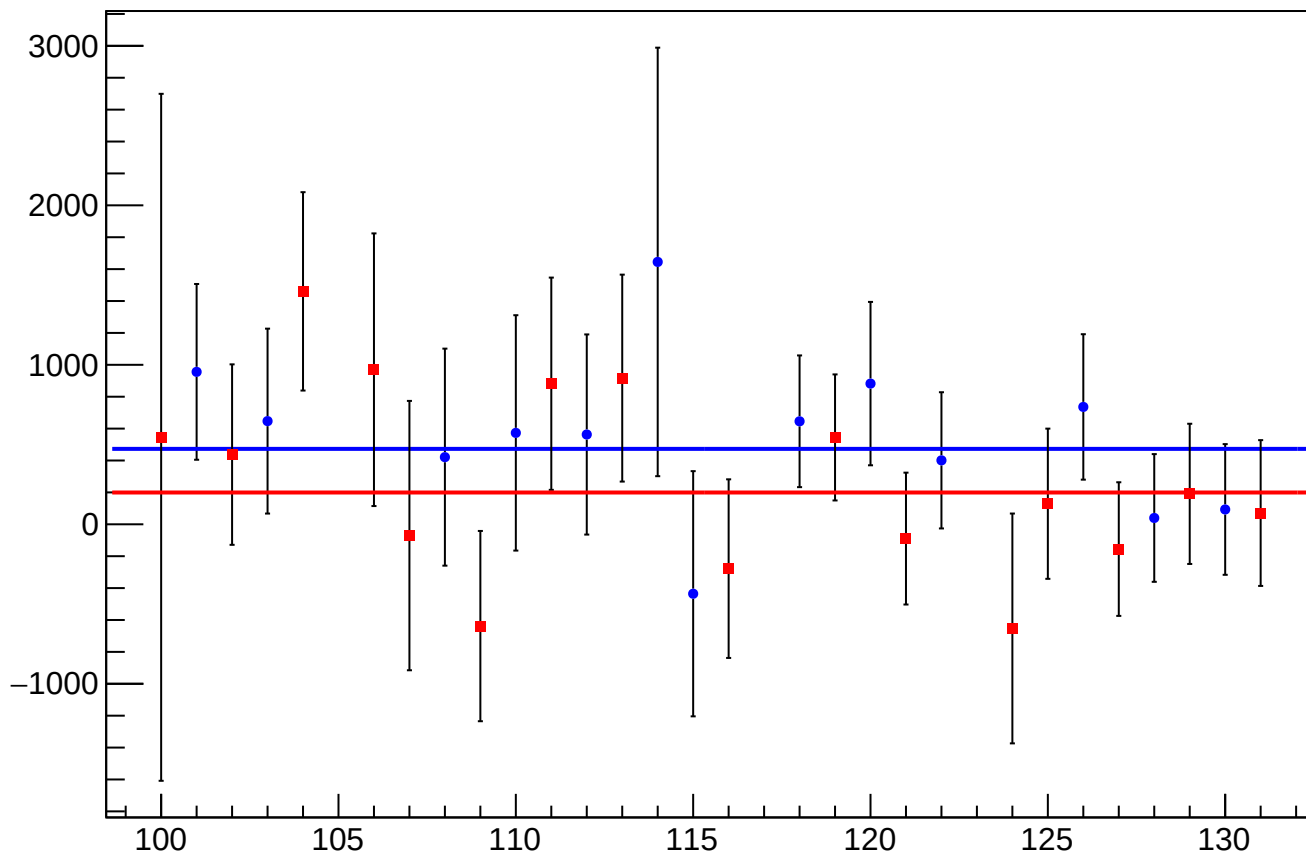
Right: 4342.402+/-0.904 χ^2/NDF : 567829.1/28

In: 4307.720+/-1.314 χ^2/NDF : 280363.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4342.402+/-0.904 χ^2/NDF : 567829.1/28

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.372+/-136.491 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

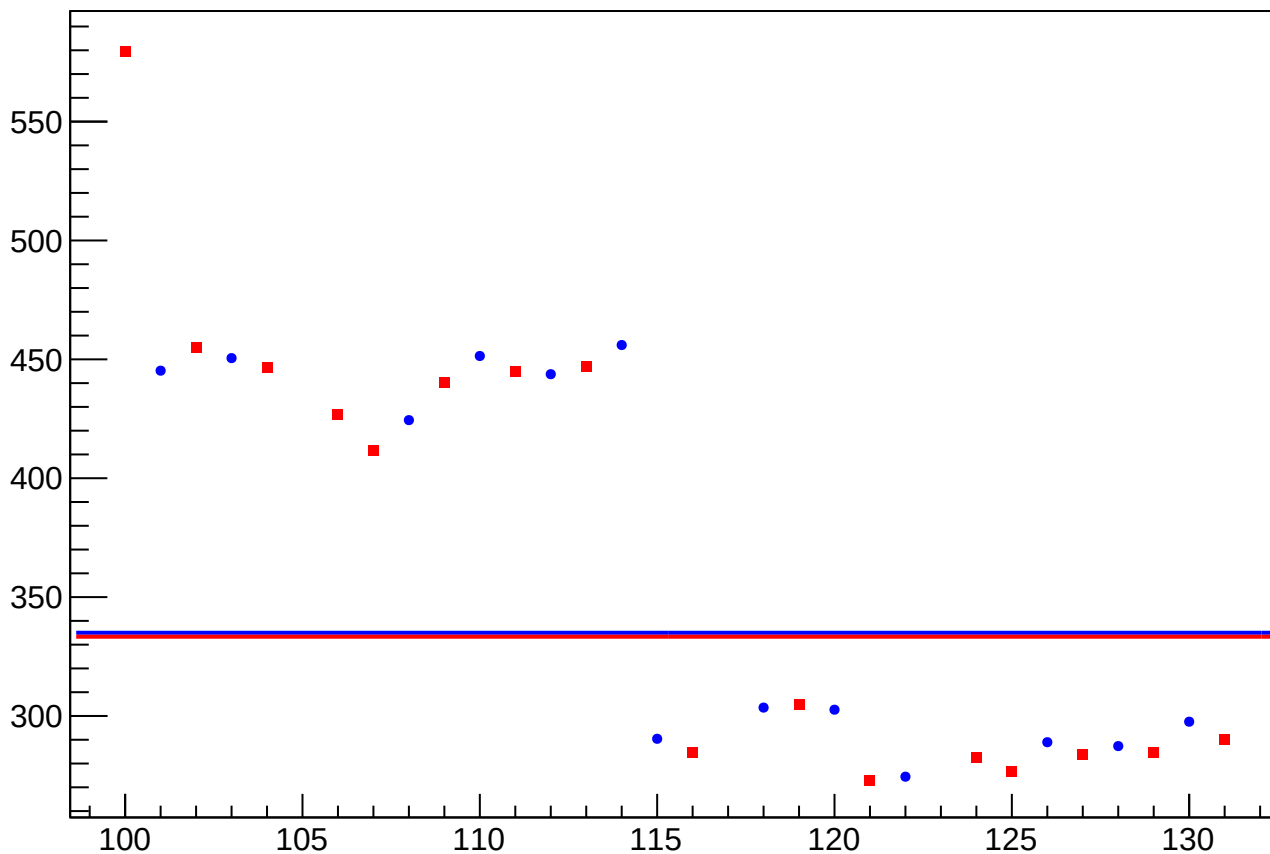
Right: 327.399+/-99.557 χ^2/NDF : 21.8/28

In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.399+/-99.557 χ^2/NDF : 21.8/28

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.336+/-0.097 χ^2/NDF : 586103.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

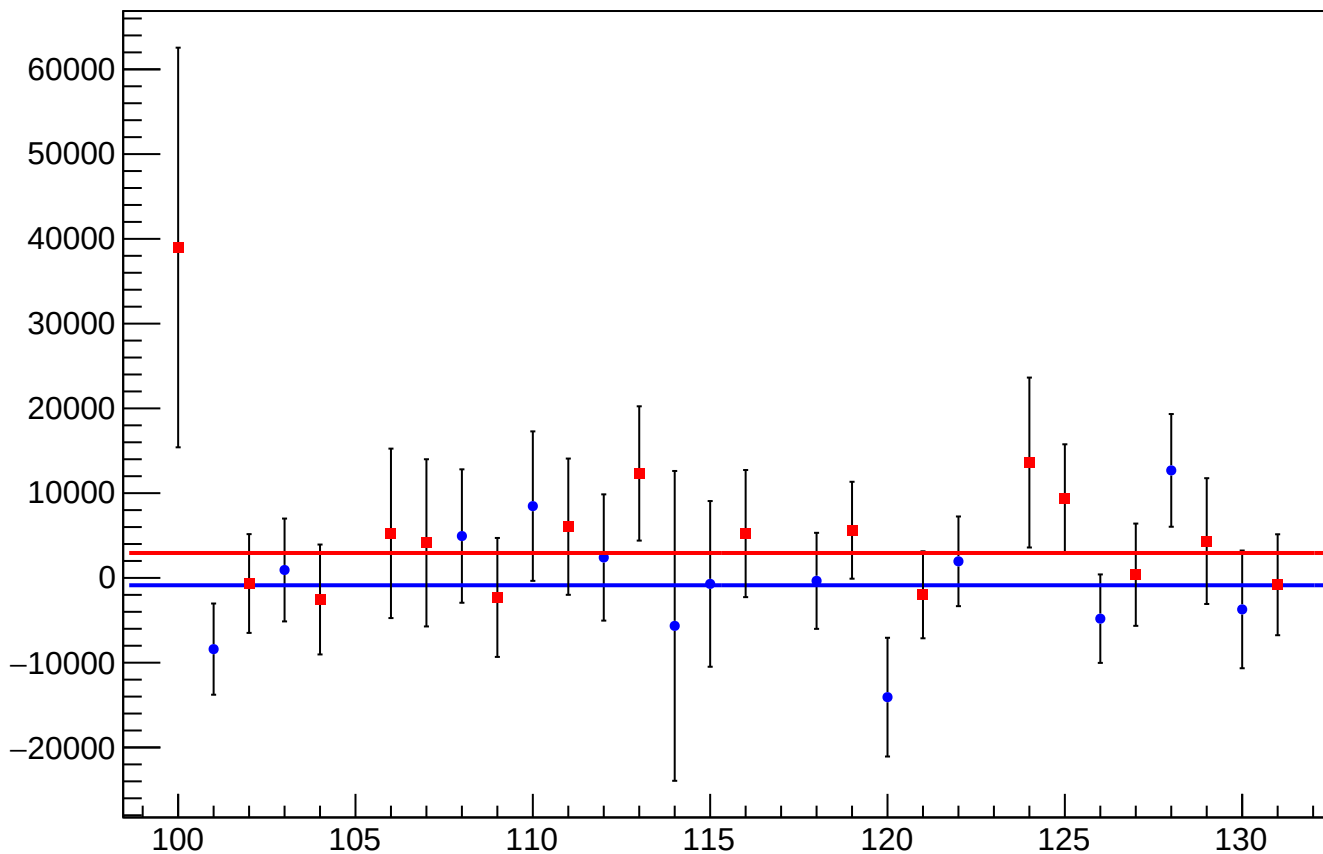
Right: 334.118+/-0.070 χ^2/NDF : 1038279.8/28

In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.118+/-0.070 χ^2/NDF : 1038279.8/28

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2941.501+/-1763.977 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

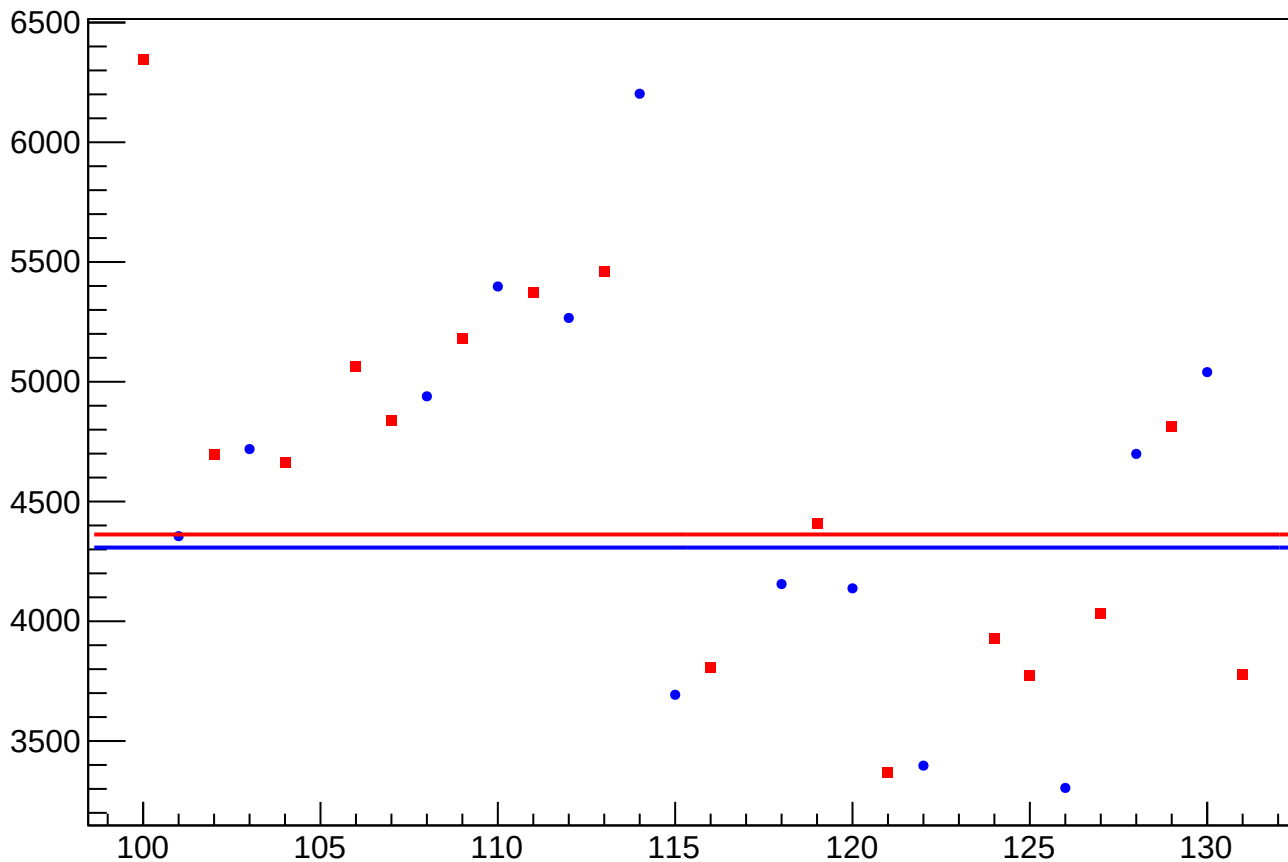
Right: 1136.699+/-1279.382 χ^2/NDF : 24.5/28

In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.699+/-1279.382 χ^2/NDF : 24.5/28

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4362.402+/-1.247 χ^2/NDF : 275932.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

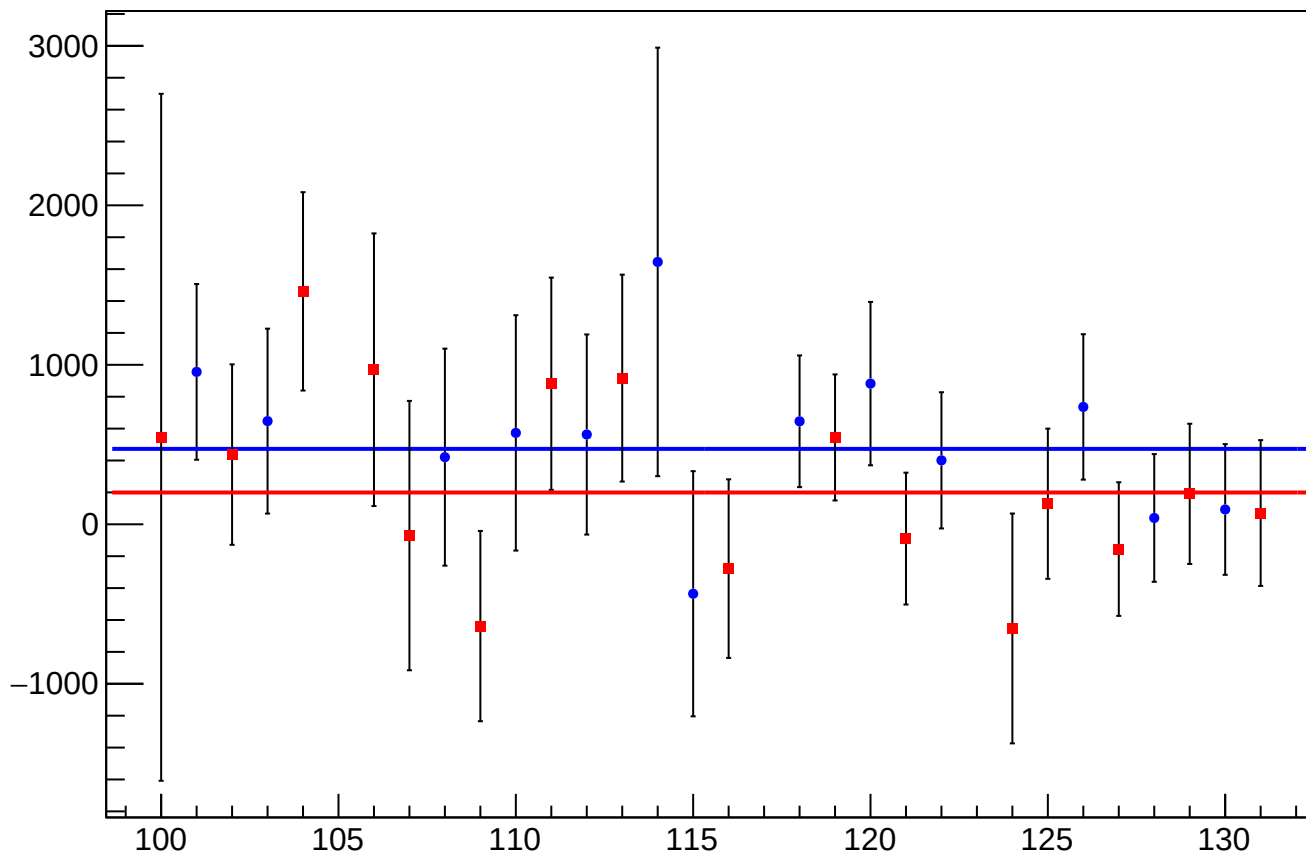
Right: 4336.491+/-0.905 χ^2/NDF : 557214.8/28

In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4336.491+/-0.905 χ^2/NDF : 557214.8/28

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.949 $\pm$ 145.533 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.372 $\pm$ 136.491 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

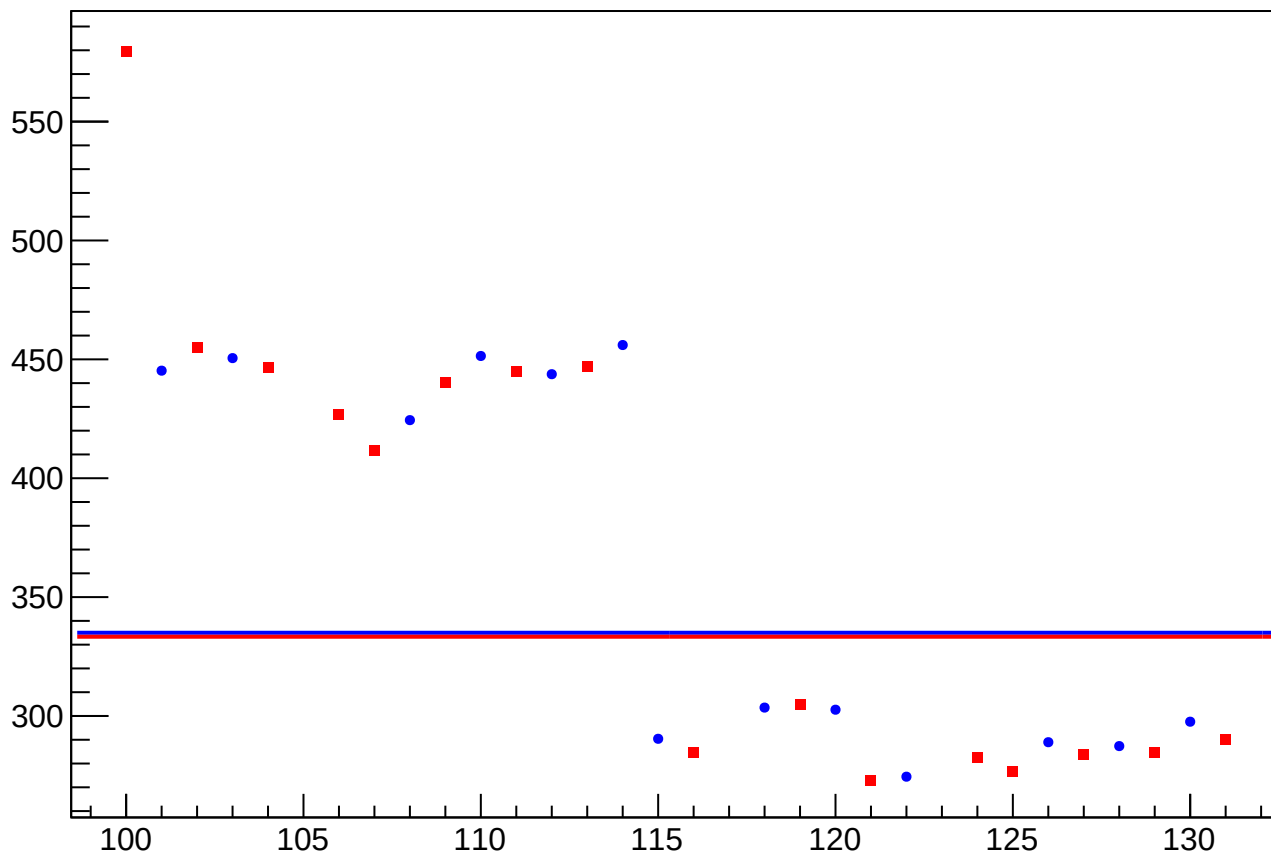
Right: 327.399 $\pm$ 99.557 χ^2 /NDF: 21.8/28

In: 472.949 $\pm$ 145.533 χ^2 /NDF:6.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 327.399 $\pm$ 99.557 χ^2 /NDF: 21.8/28

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.336+/-0.097 χ^2/NDF : 586103.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

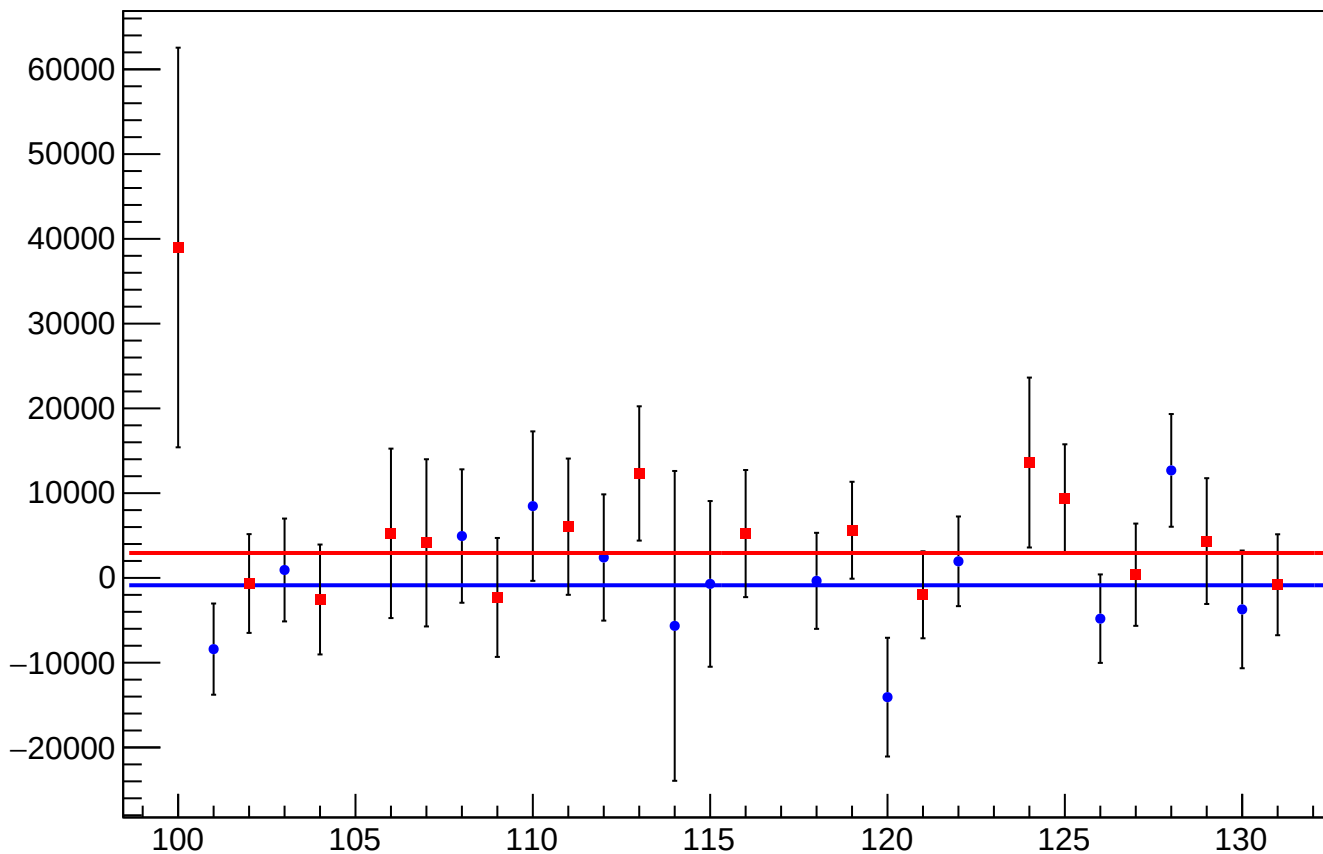
Right: 334.118+/-0.070 χ^2/NDF : 1038279.8/28

In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.118+/-0.070 χ^2/NDF : 1038279.8/28

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2941.501+/-1763.977 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

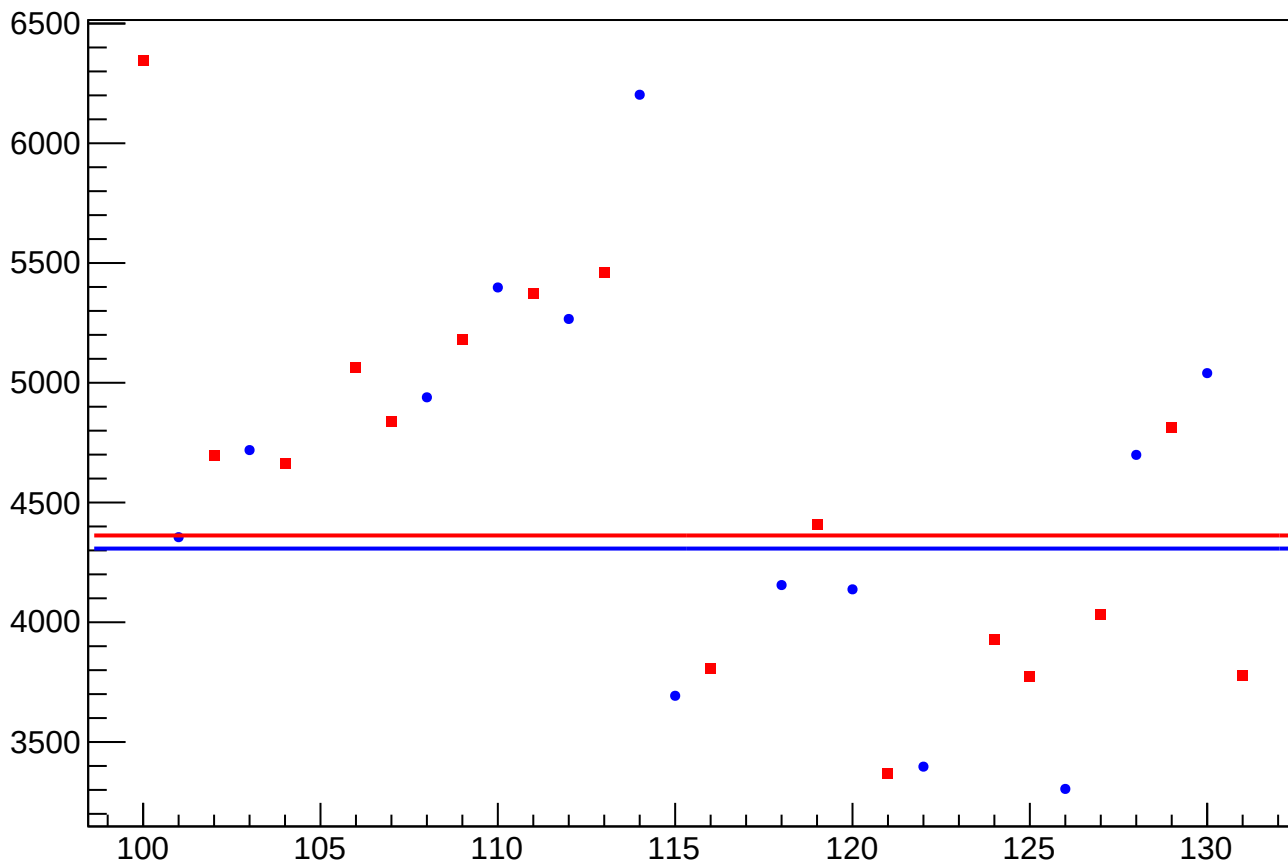
Right: 1136.699+/-1279.382 χ^2/NDF : 24.5/28

In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.699+/-1279.382 χ^2/NDF : 24.5/28

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4362.402+/-1.247 χ^2/NDF : 275932.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

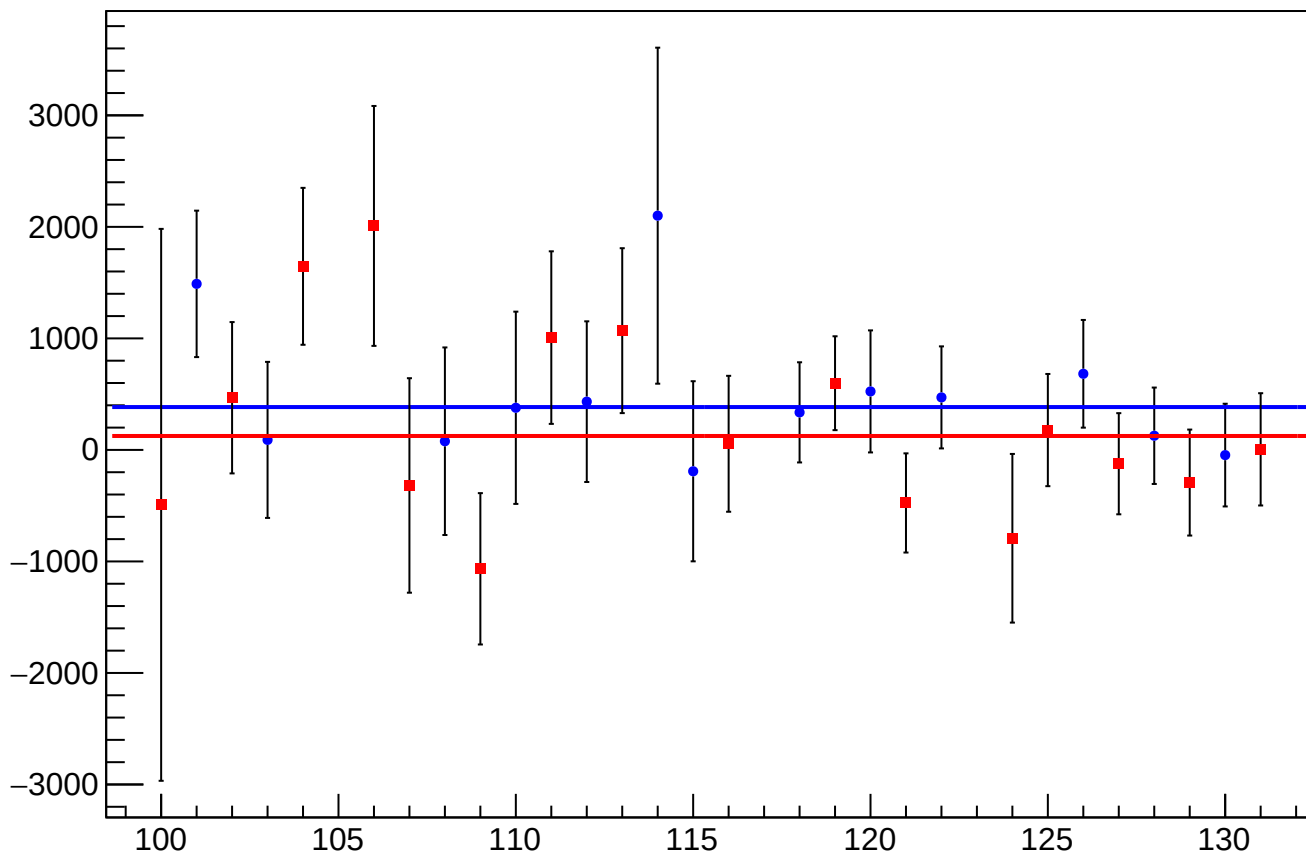
Right: 4336.491+/-0.905 χ^2/NDF : 557214.8/28

In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4336.491+/-0.905 χ^2/NDF : 557214.8/28

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 384.301 ± 161.248 χ^2/NDF : 6.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 124.915 ± 150.228 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

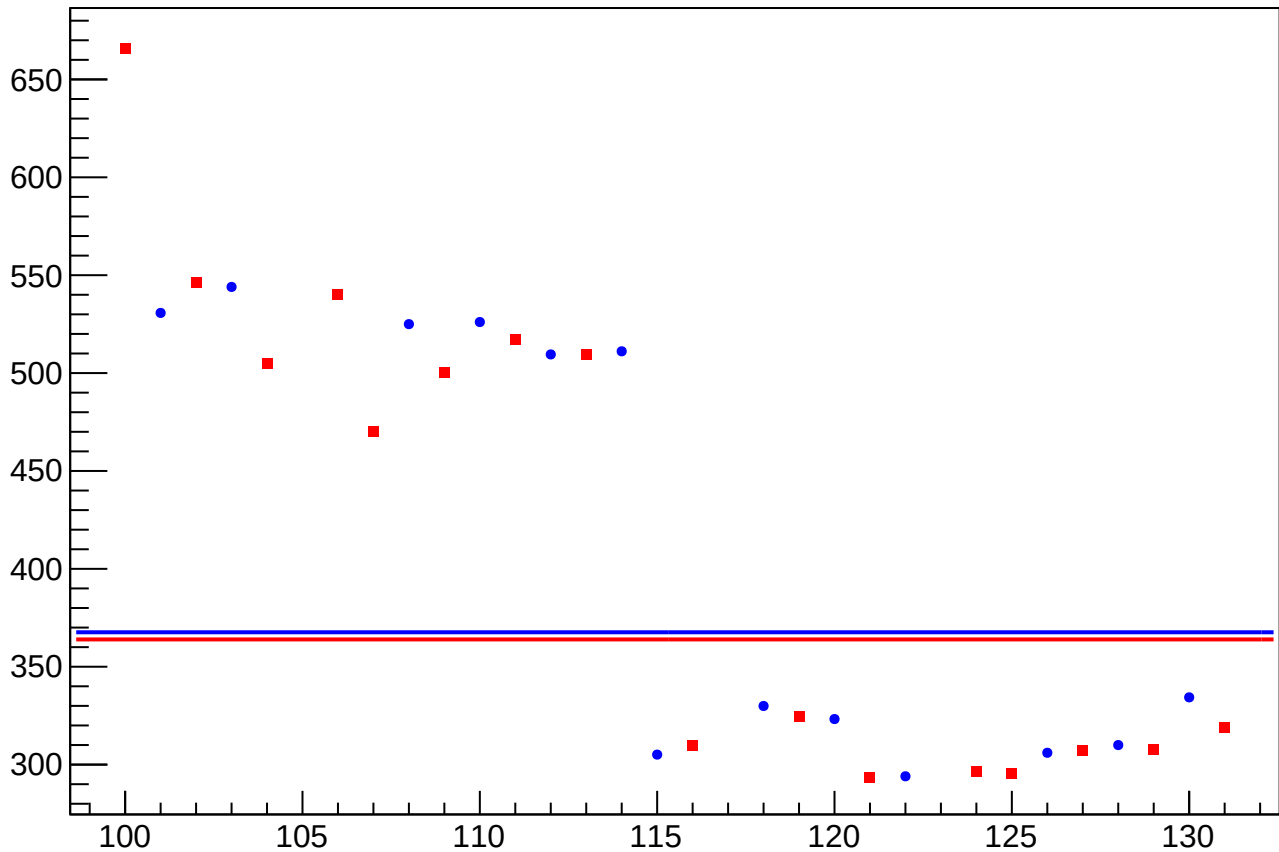
Right: 245.443 ± 109.917 χ^2/NDF : 28.1/28

In: 384.301 ± 161.248 χ^2/NDF : 6.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 245.443 ± 109.917 χ^2/NDF : 28.1/28

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 367.599+/-0.114 χ^2/NDF : 653417.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.940+/-0.106 χ^2/NDF : 781395.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

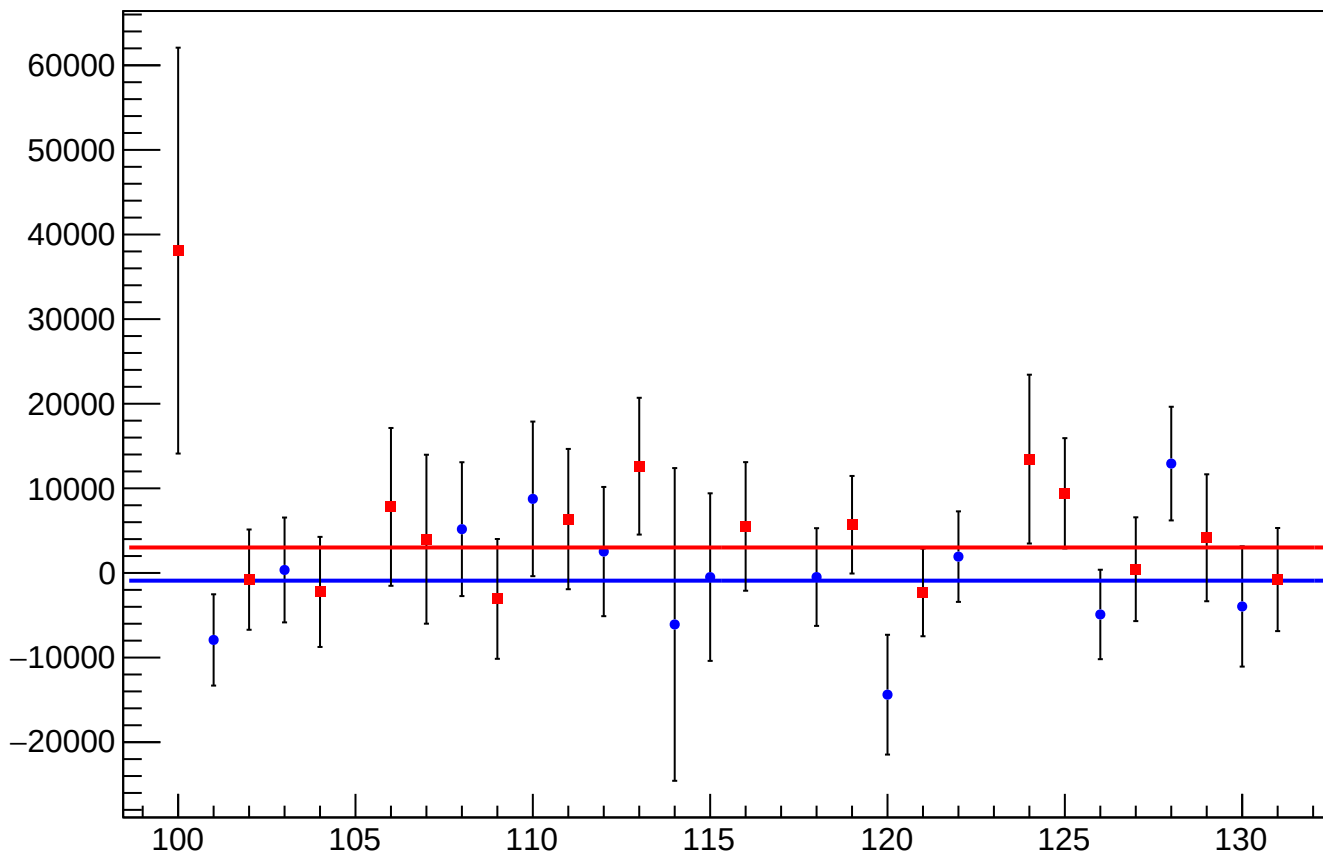
Right: 365.640+/-0.078 χ^2/NDF : 1435364.0/28

In: 367.599+/-0.114 χ^2/NDF : 653417.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.640+/-0.078 χ^2/NDF : 1435364.0/28

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -910.421+/-1885.499 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3011.751+/-1782.553 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

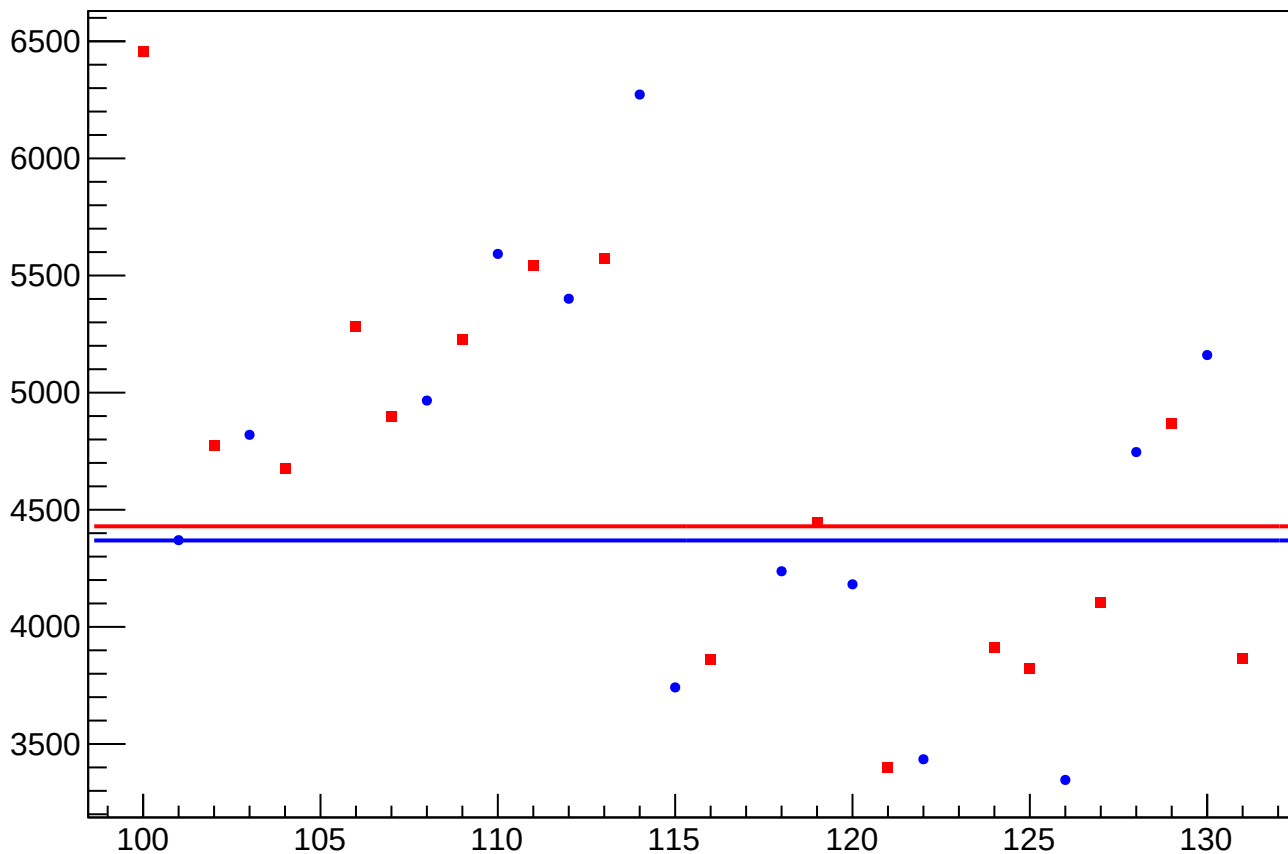
Right: 1160.657+/-1295.321 χ^2/NDF : 24.7/28

In: -910.421+/-1885.499 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.657+/-1295.321 χ^2/NDF : 24.7/28

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4368.946+/-1.333 χ^2/NDF : 292970.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4429.384+/-1.260 χ^2/NDF : 289277.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

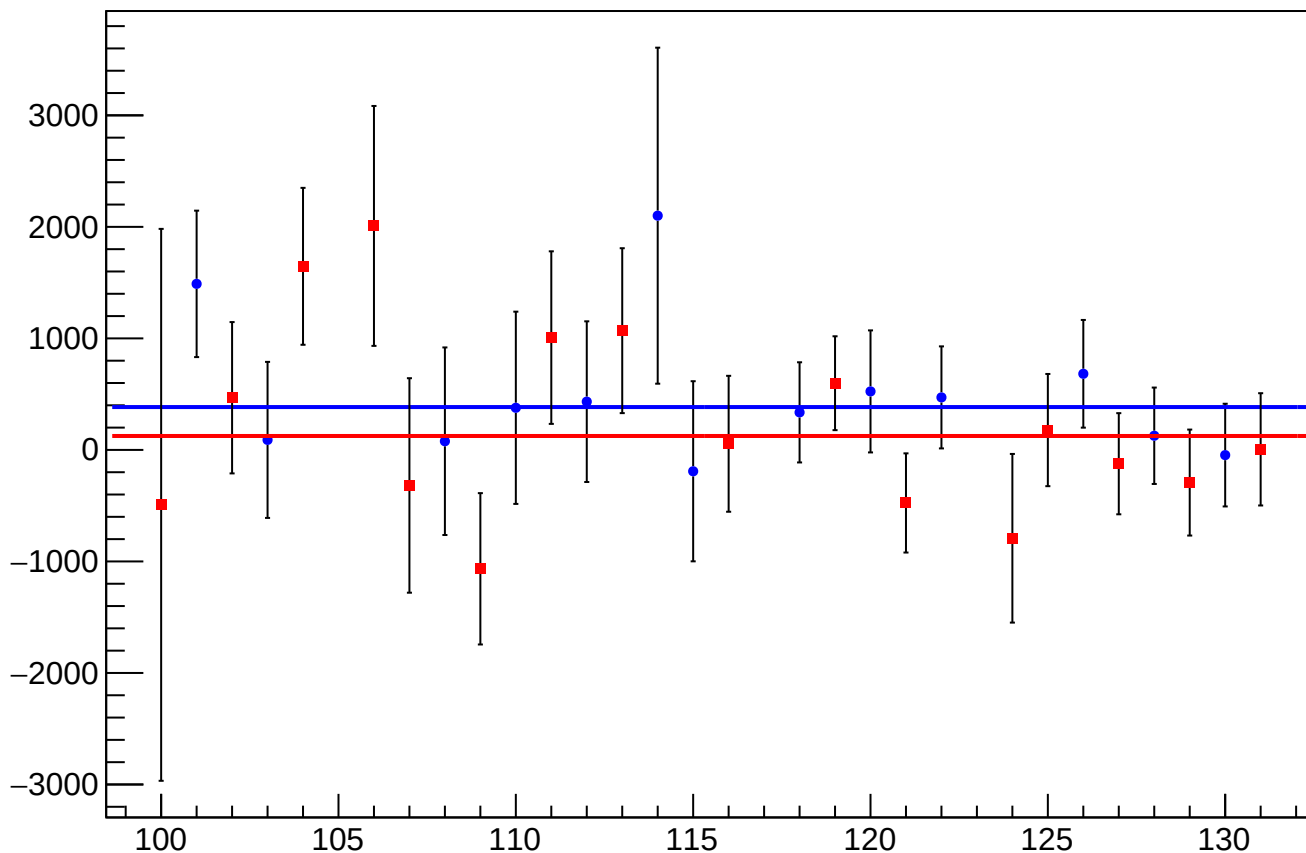
Right: 4400.860+/-0.916 χ^2/NDF : 583332.4/28

In: 4368.946+/-1.333 χ^2/NDF : 292970.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4400.860+/-0.916 χ^2/NDF : 583332.4/28

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 384.295 ± 161.247 $\chi^2/\text{NDF}: 6.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 124.913 ± 150.227 $\chi^2/\text{NDF}: 20.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

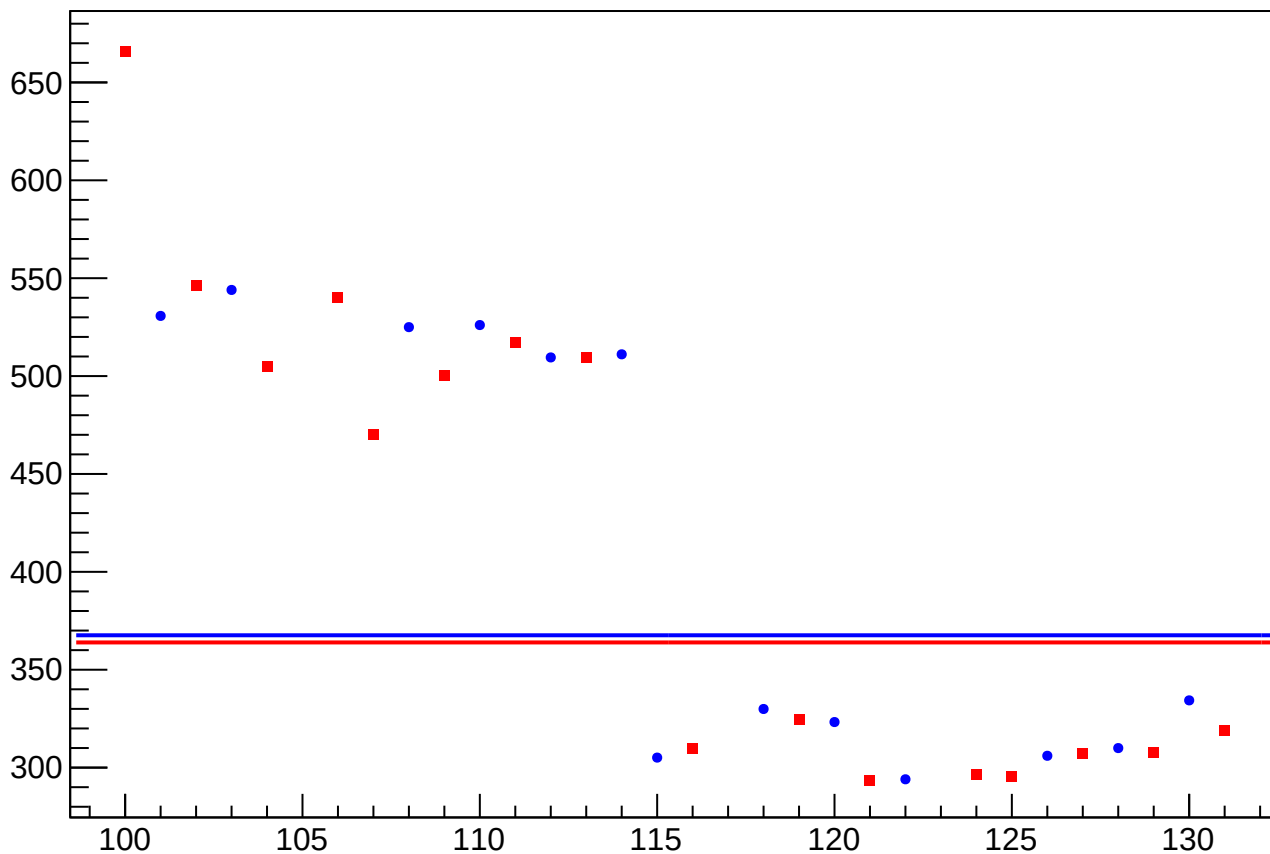
Right: 245.439 ± 109.916 $\chi^2/\text{NDF}: 28.1/28$

In: 384.295 ± 161.247 $\chi^2/\text{NDF}: 6.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 245.439 ± 109.916 $\chi^2/\text{NDF}: 28.1/28$

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 367.596+/-0.114 χ^2/NDF : 653414.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.938+/-0.106 χ^2/NDF : 781387.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

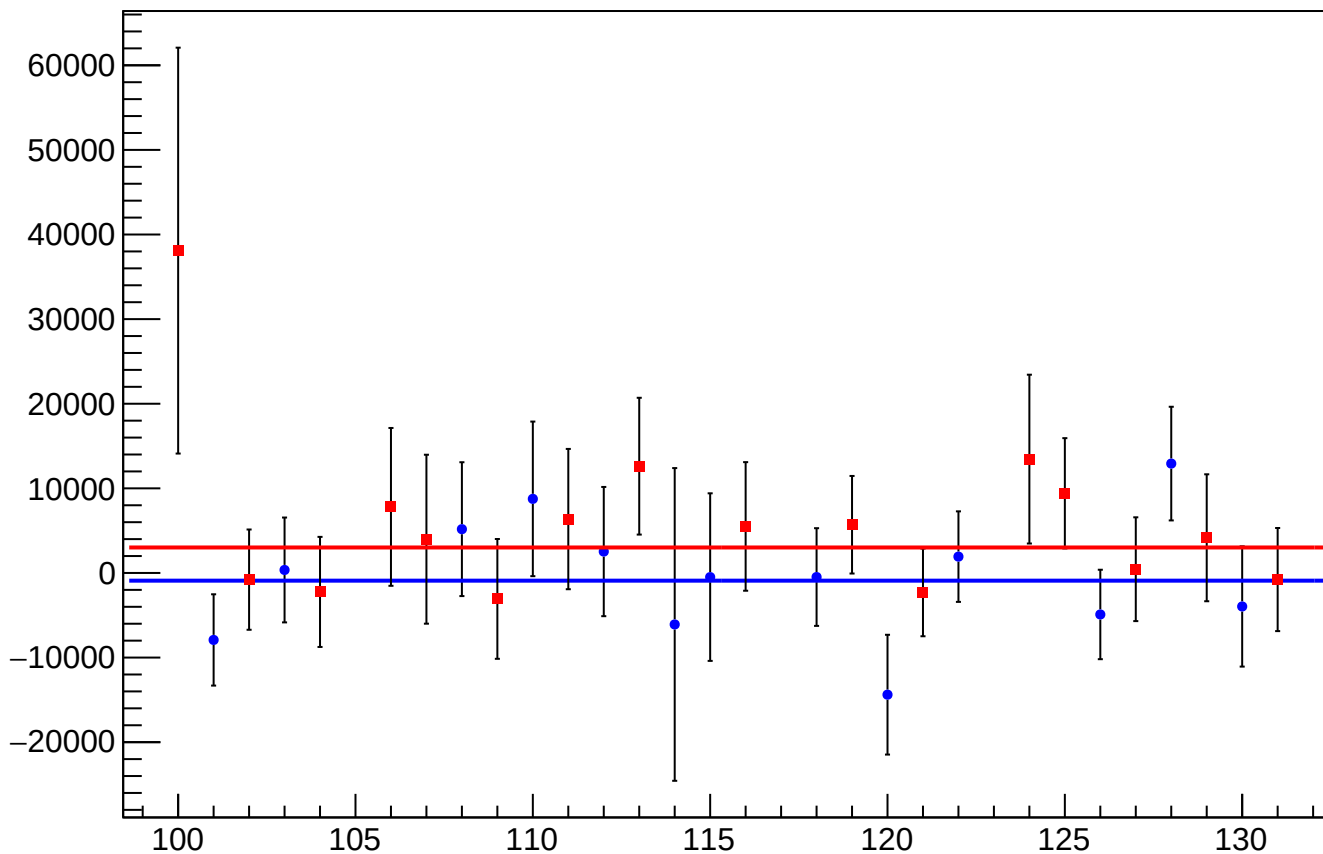
Right: 365.638+/-0.078 χ^2/NDF : 1435352.1/28

In: 367.596+/-0.114 χ^2/NDF : 653414.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.638+/-0.078 χ^2/NDF : 1435352.1/28

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -910.416+/-1885.495 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3011.744+/-1782.548 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

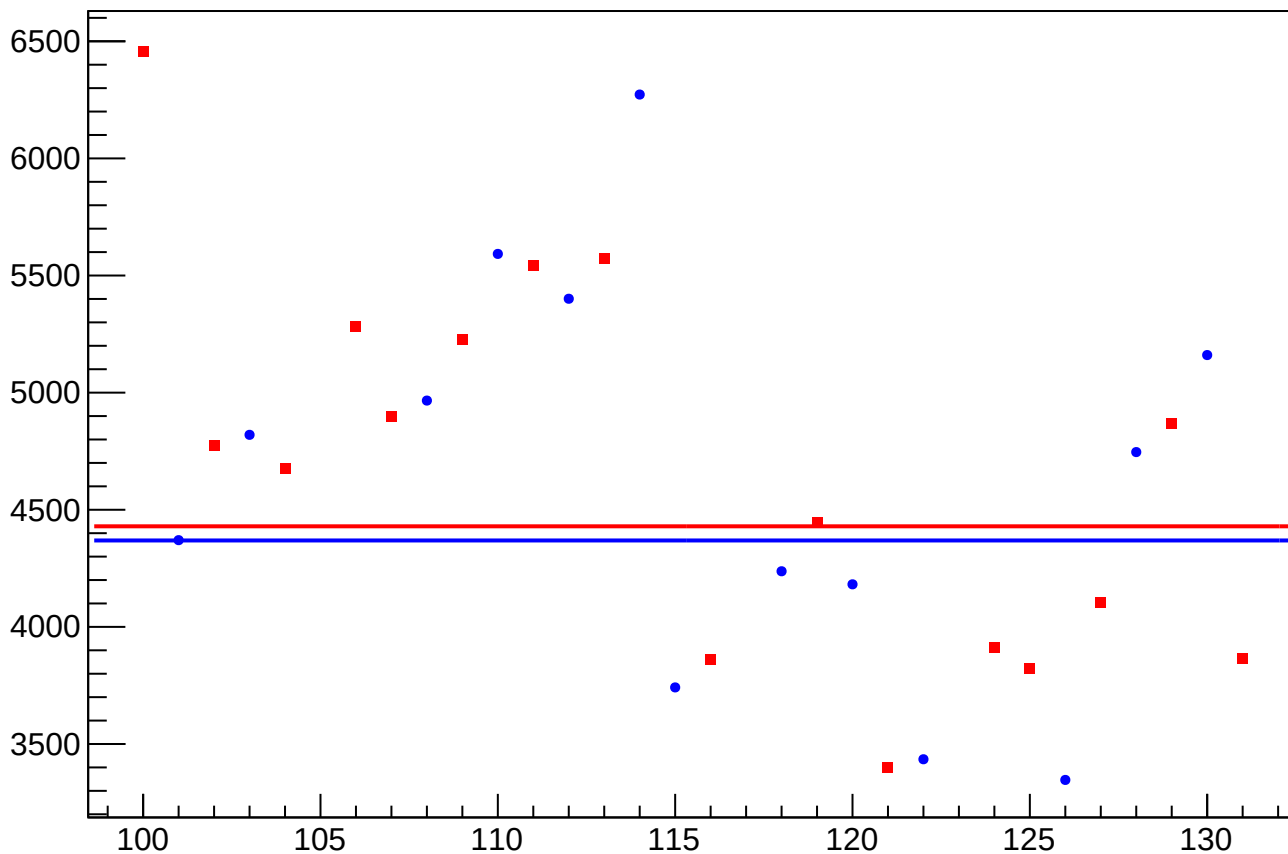
Right: 1160.656+/-1295.318 χ^2/NDF : 24.7/28

In: -910.416+/-1885.495 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.656+/-1295.318 χ^2/NDF : 24.7/28

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4368.938+/-1.333 χ^2/NDF : 292962.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4429.374+/-1.260 χ^2/NDF : 289273.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

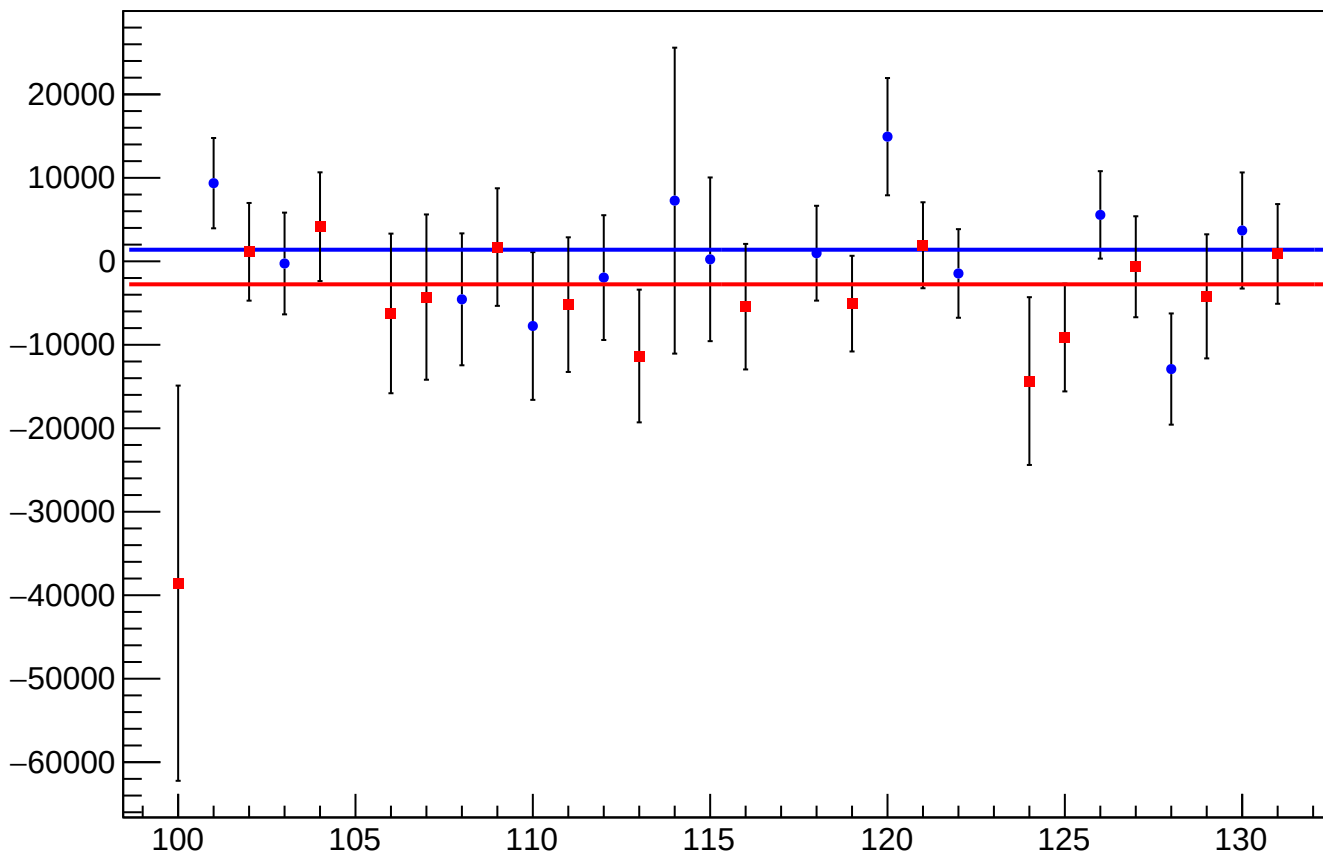
Right: 4400.851+/-0.916 χ^2/NDF : 583321.2/28

In: 4368.938+/-1.333 χ^2/NDF : 292962.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4400.851+/-0.916 χ^2/NDF : 583321.2/28

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1390.119+/-1864.859 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2755.352+/-1766.909 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

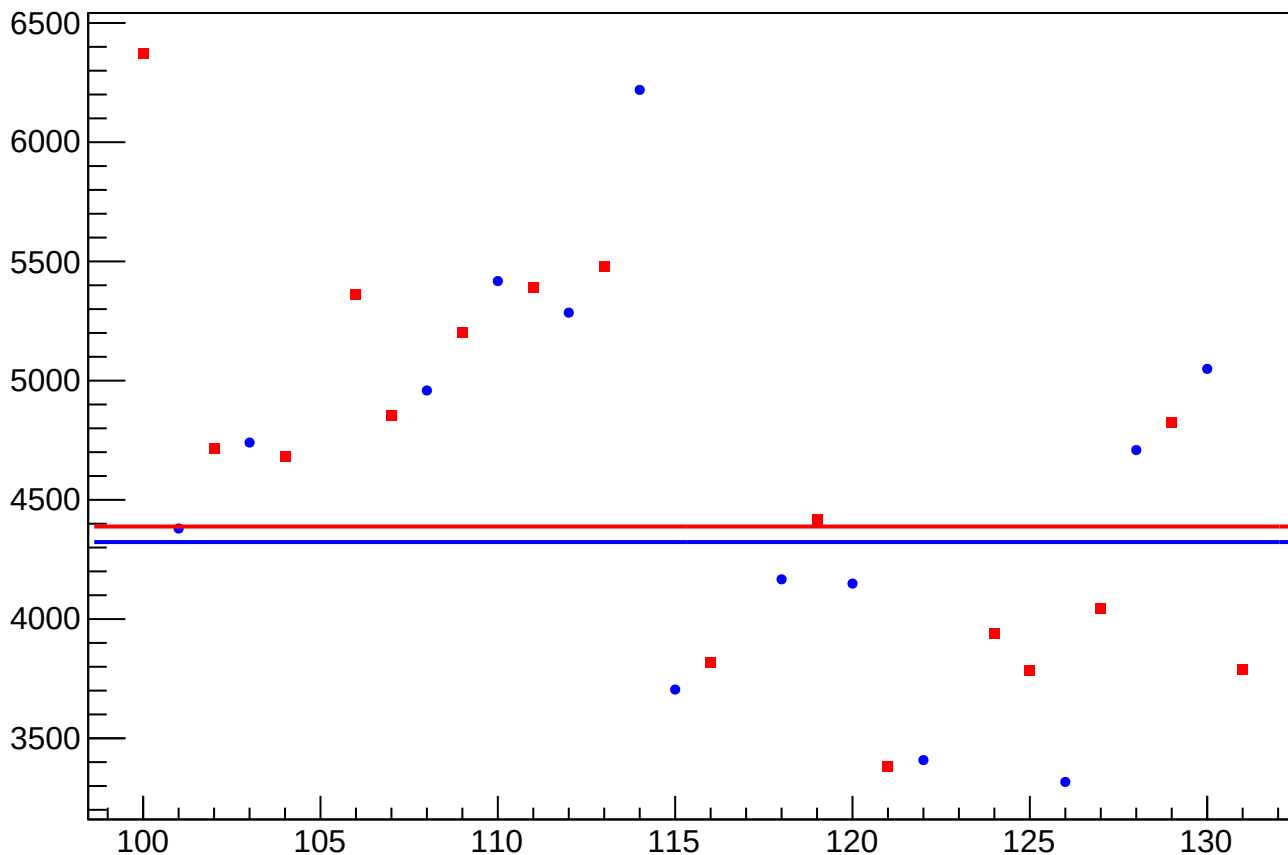
Right: -794.339+/-1282.624 χ^2/NDF : 25.8/28

In: 1390.119+/-1864.859 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -794.339+/-1282.624 χ^2/NDF : 25.8/28

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4323.005+/-1.319 χ^2/NDF : 280039.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4388.189+/-1.249 χ^2/NDF : 287977.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

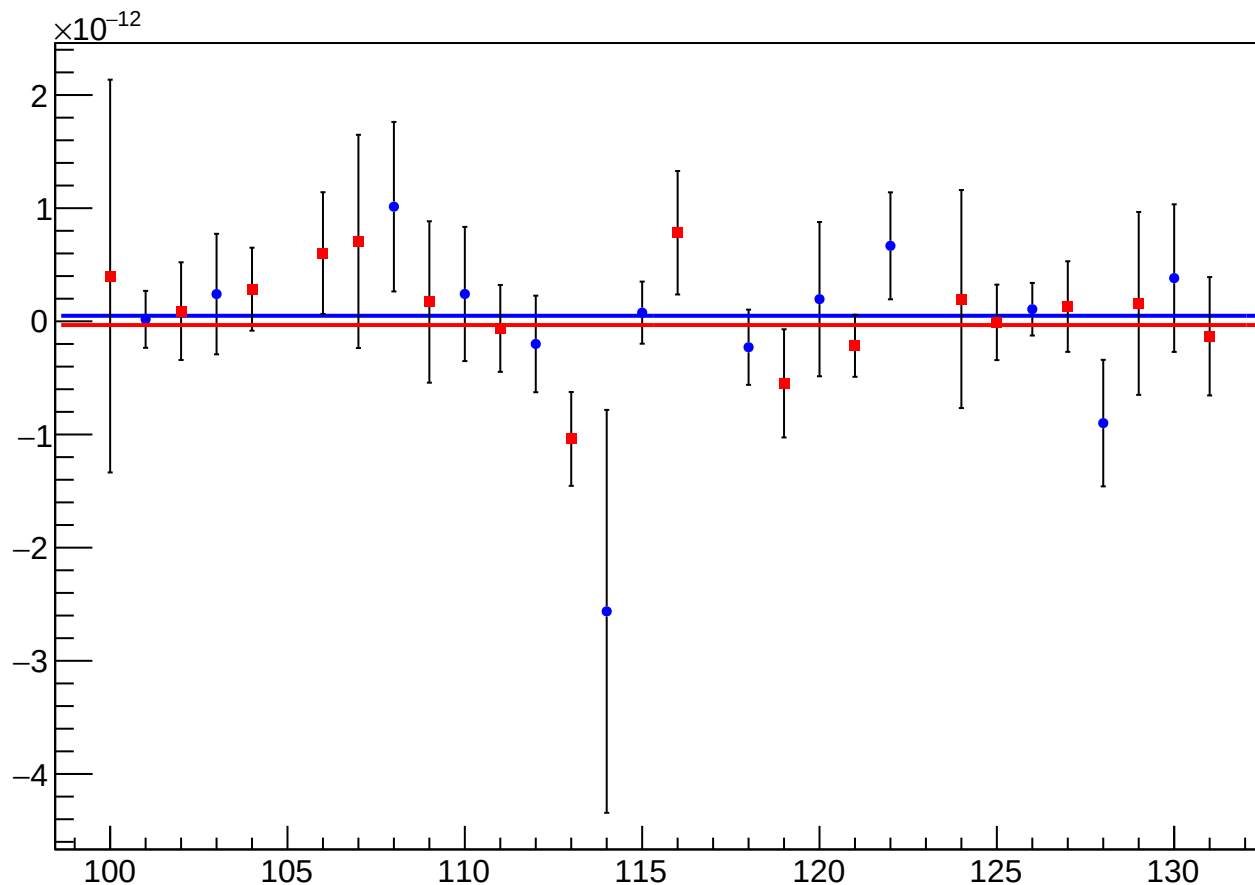
Right: 4357.354+/-0.907 χ^2/NDF : 569304.3/28

In: 4323.005+/-1.319 χ^2/NDF : 280039.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4357.354+/-0.907 χ^2/NDF : 569304.3/28

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

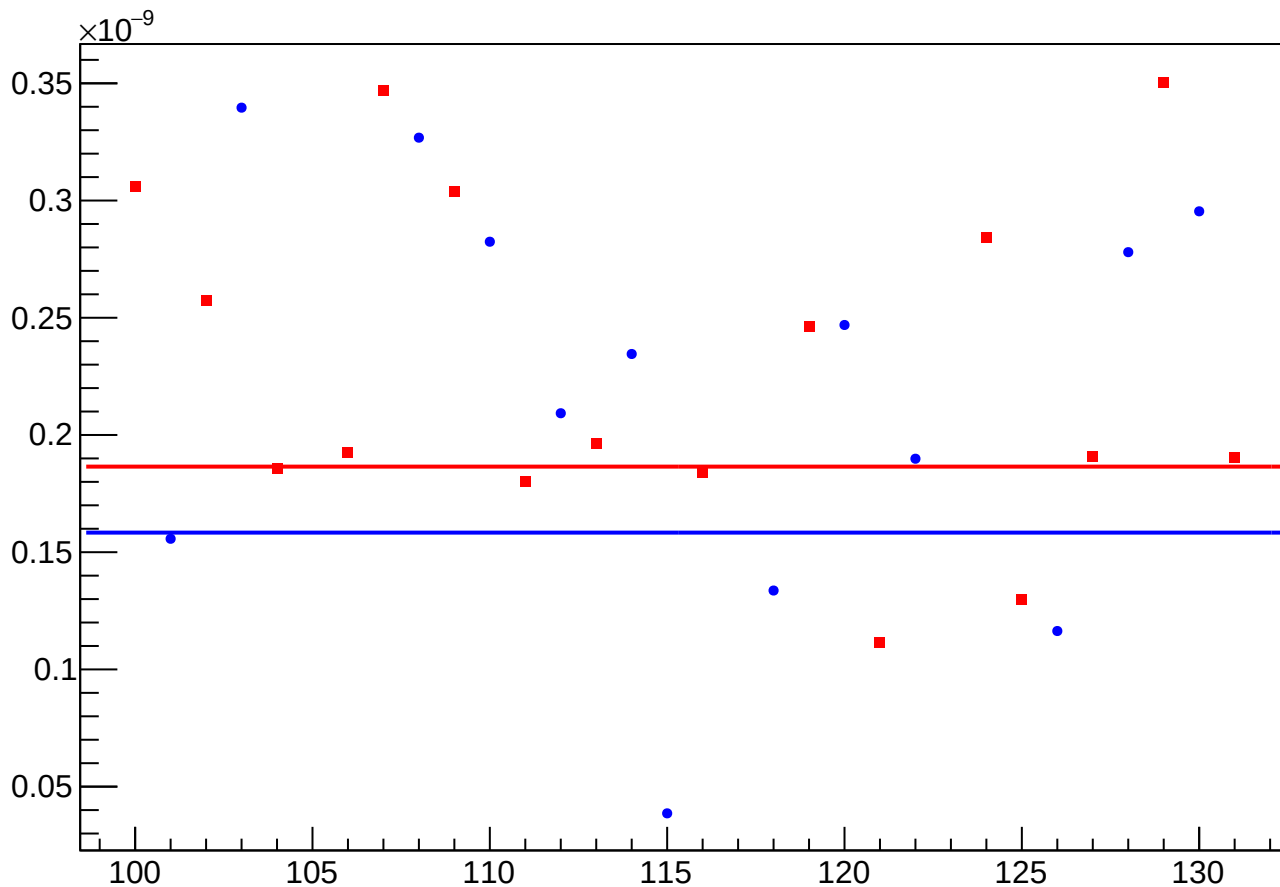
Right: 0.000+/-0.000 χ^2/NDF : 23.4/28

In: 0.000+/-0.000 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.4/28

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1132491.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 519587.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

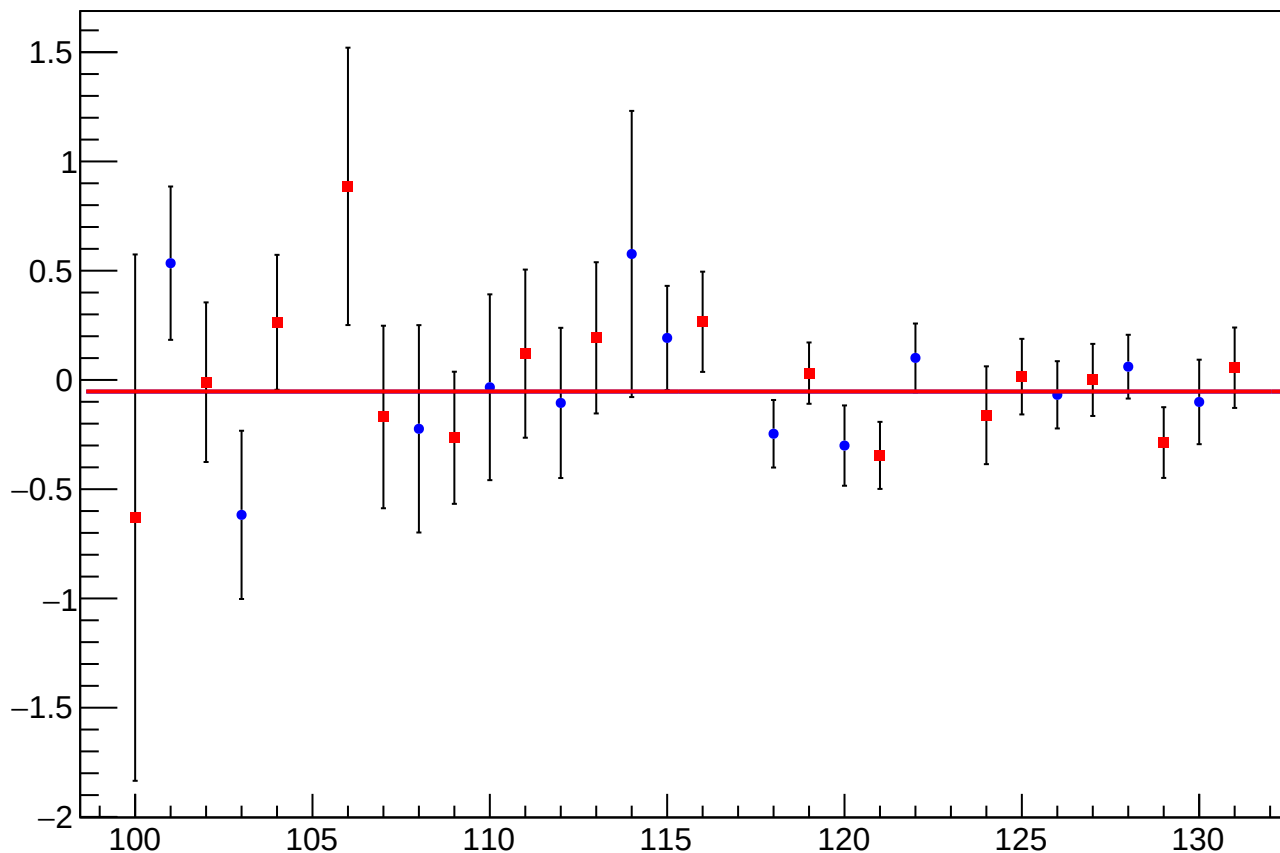
Right: 0.000+/-0.000 χ^2/NDF : 1714391.7/28

In: 0.000+/-0.000 χ^2/NDF : 1132491.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1714391.7/28

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

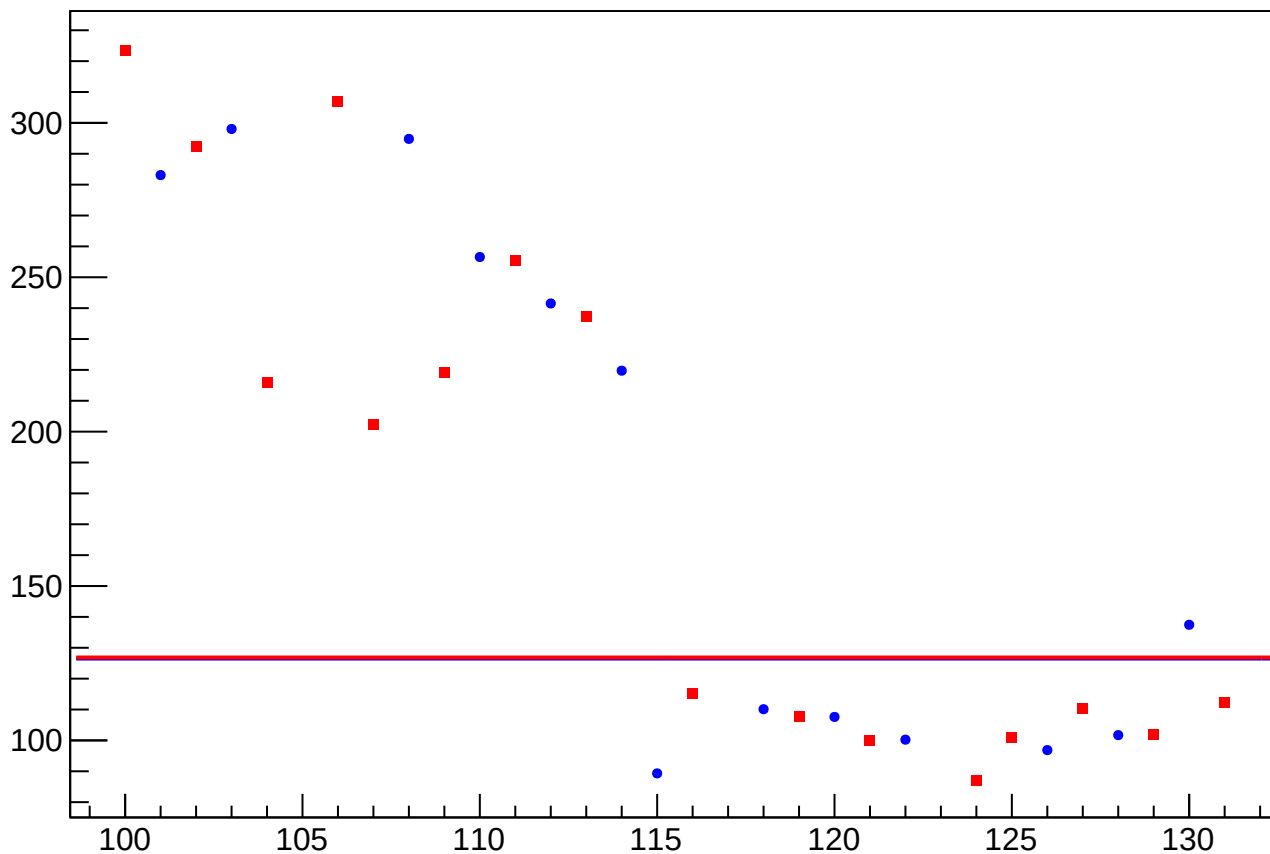
Right: -0.053 ± 0.041 $\chi^2/\text{NDF}: 25.7/28$

In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.053 ± 0.041 $\chi^2/\text{NDF}: 25.7/28$

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.848+/-0.039 χ^2/NDF : 1762762.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

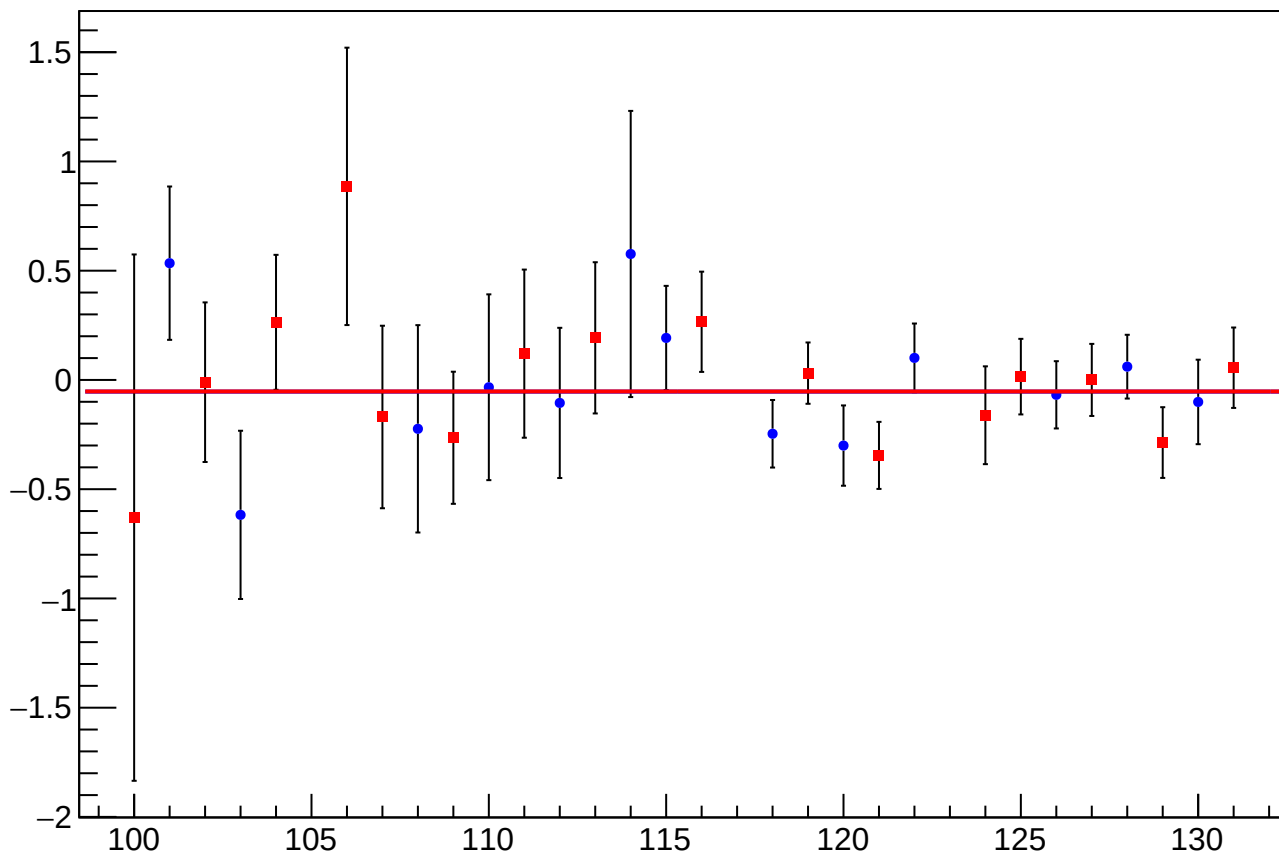
Right: 126.694+/-0.029 χ^2/NDF : 3547635.6/28

In: 126.517+/-0.042 χ^2/NDF :1784839.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.694+/-0.029 χ^2/NDF : 3547635.6/28

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 ± 0.060 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.053 ± 0.056 χ^2/NDF : 13.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

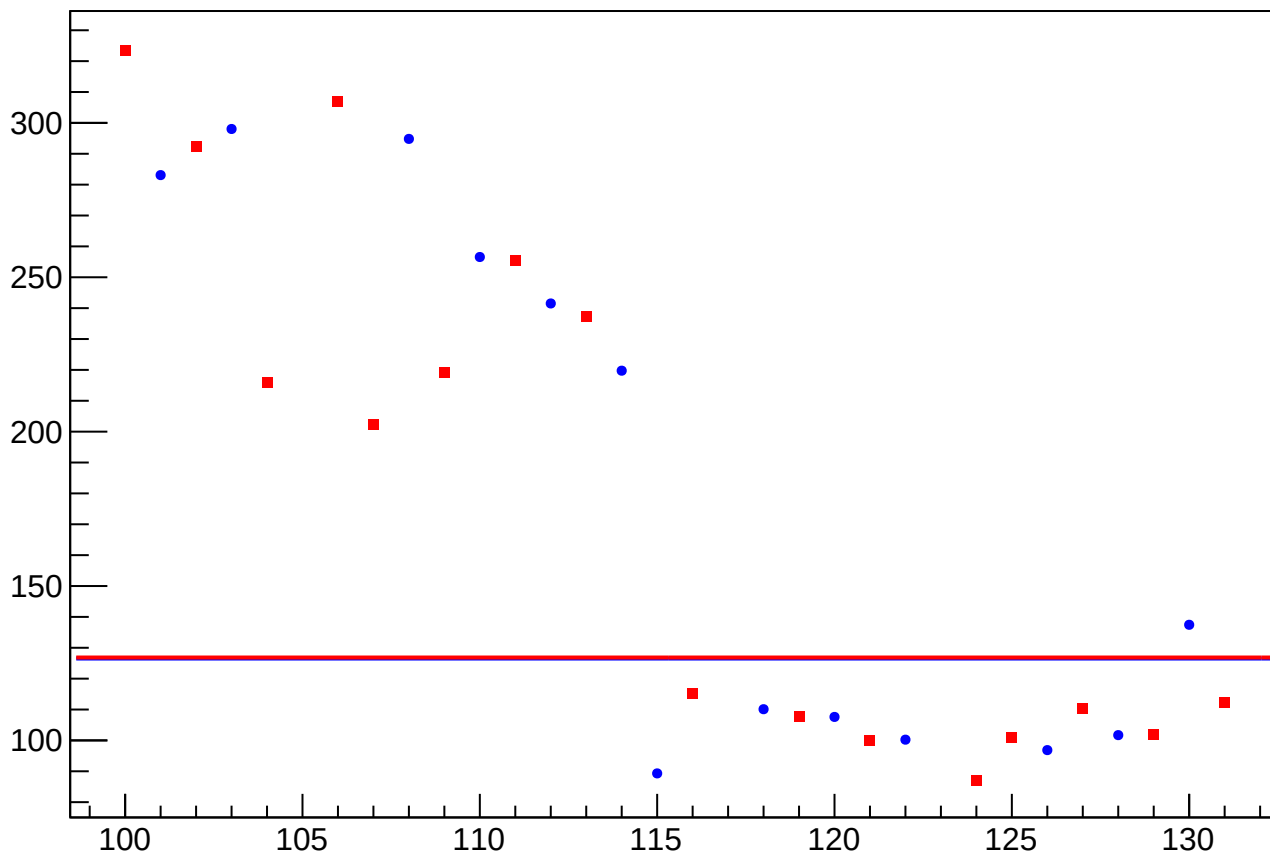
Right: -0.053 ± 0.041 χ^2/NDF : 25.7/28

In: -0.053 ± 0.060 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.053 ± 0.041 χ^2/NDF : 25.7/28

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.848+/-0.039 χ^2/NDF : 1762762.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

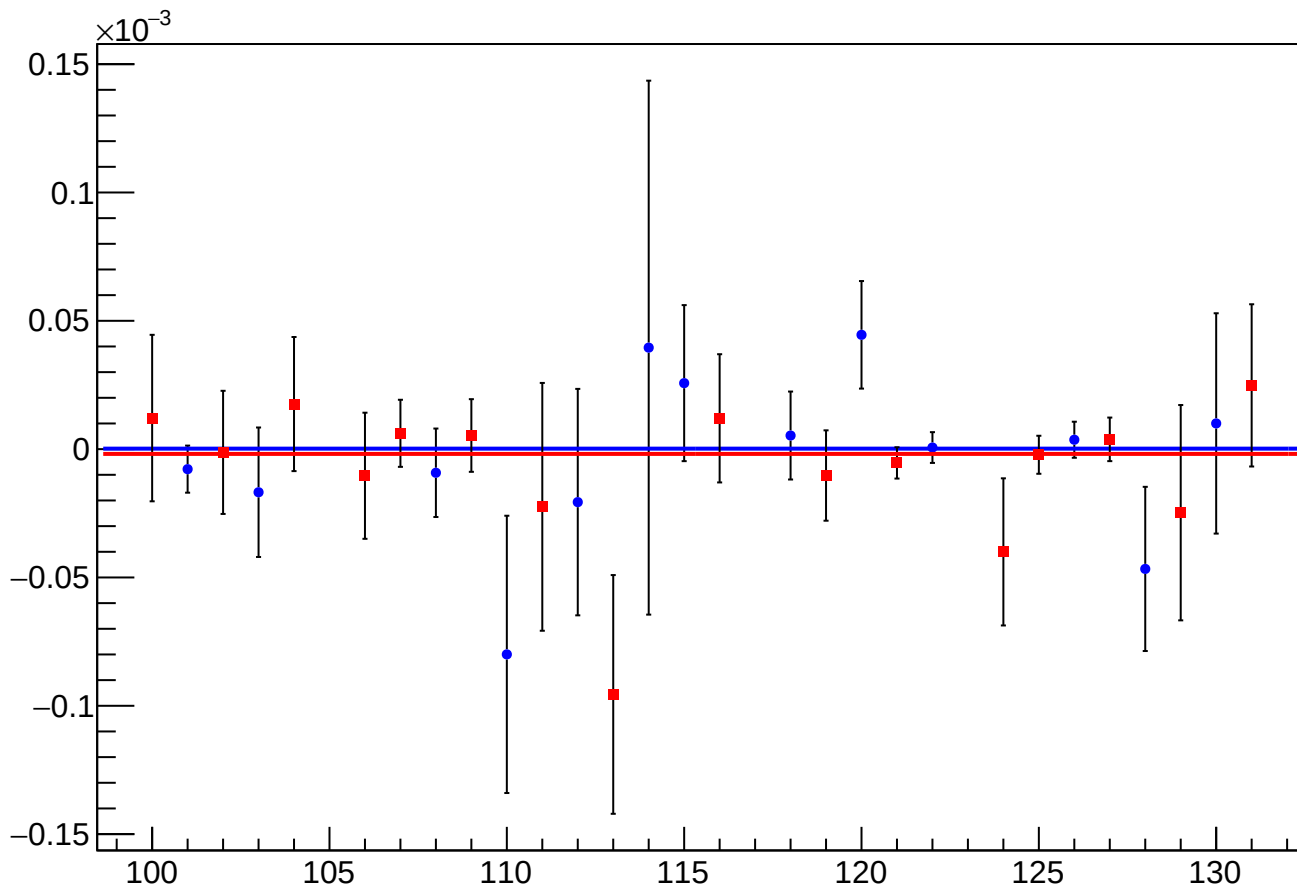
Right: 126.694+/-0.029 χ^2/NDF : 3547635.6/28

In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.694+/-0.029 χ^2/NDF : 3547635.6/28

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

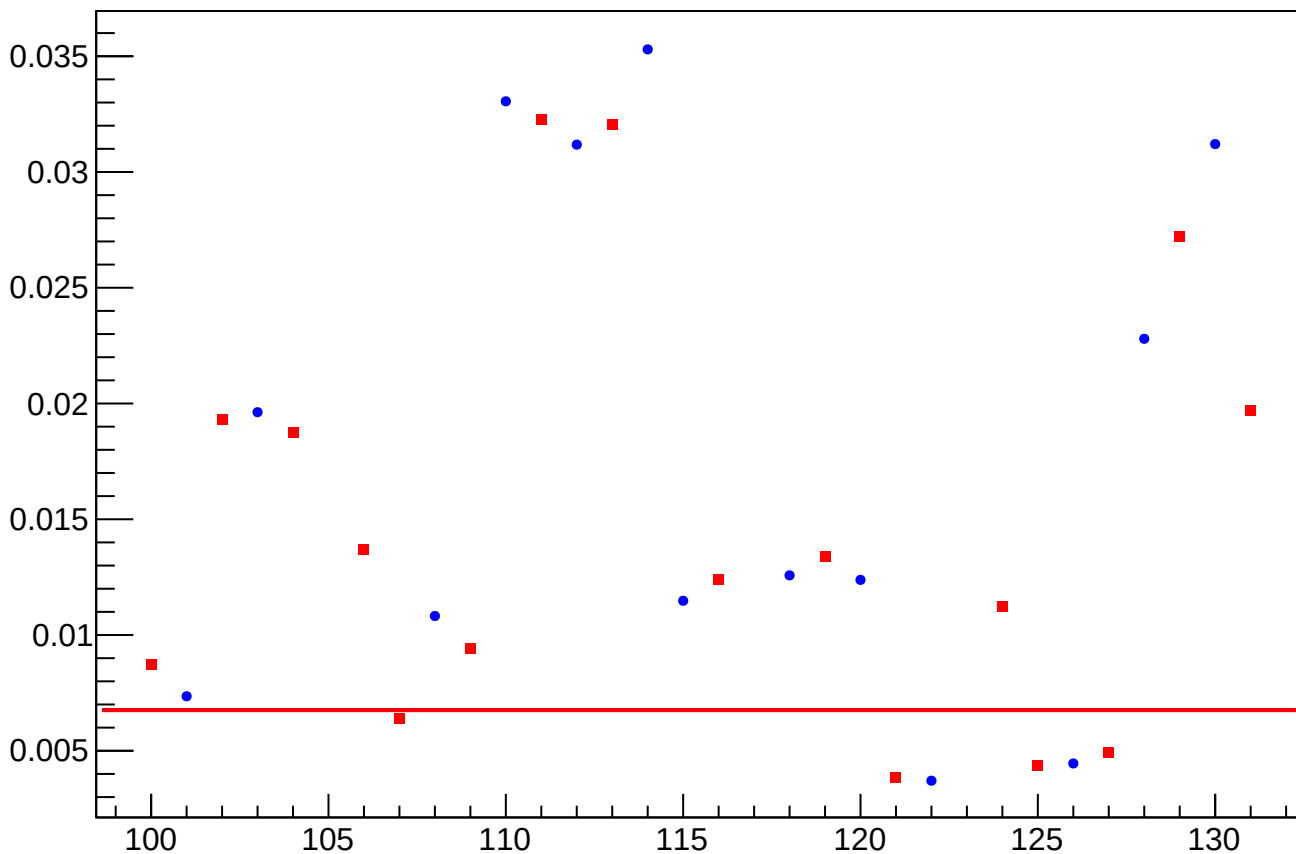
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.8/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.8/28

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4185355.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 4363185.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

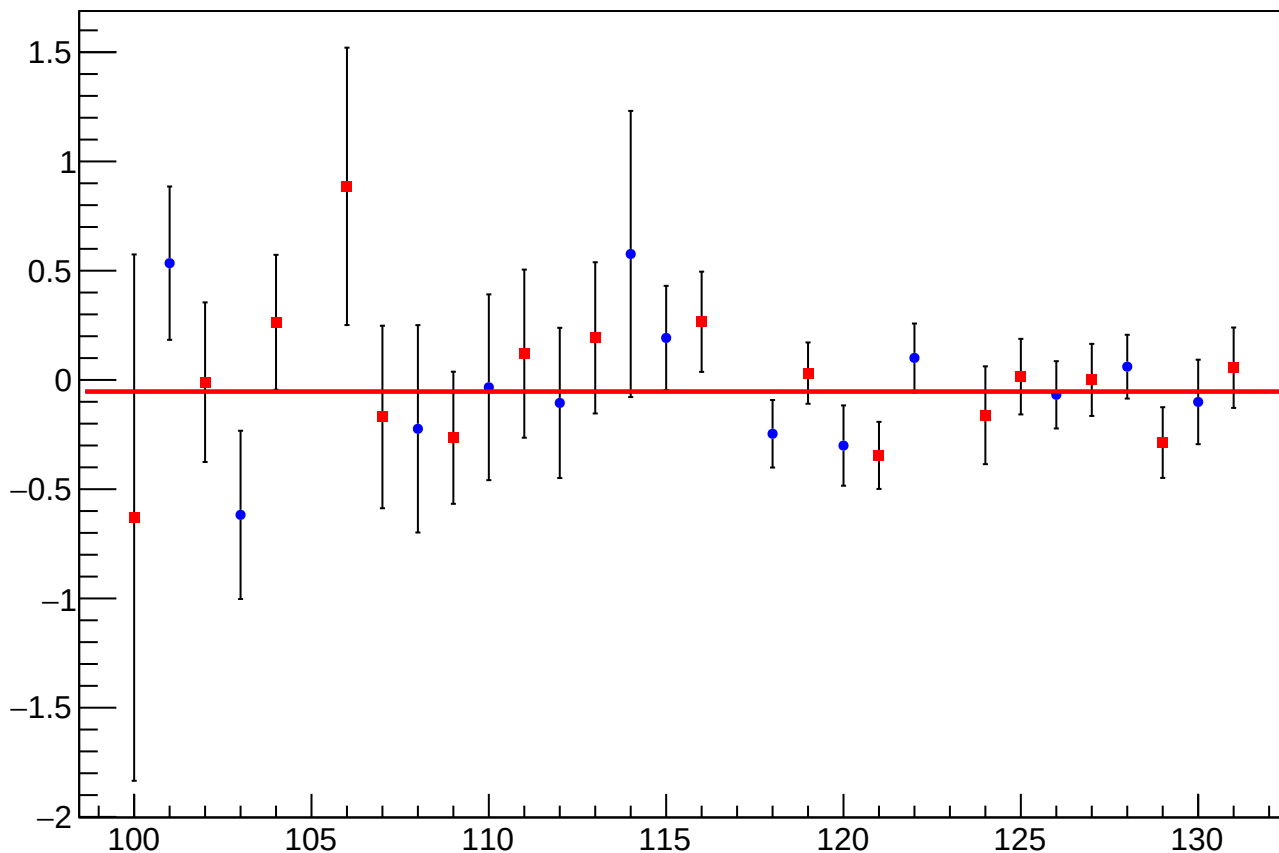
Right: 0.007+/-0.000 χ^2/NDF : 8548544.9/28

In: 0.007+/-0.000 χ^2/NDF :4185355.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 8548544.9/28

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

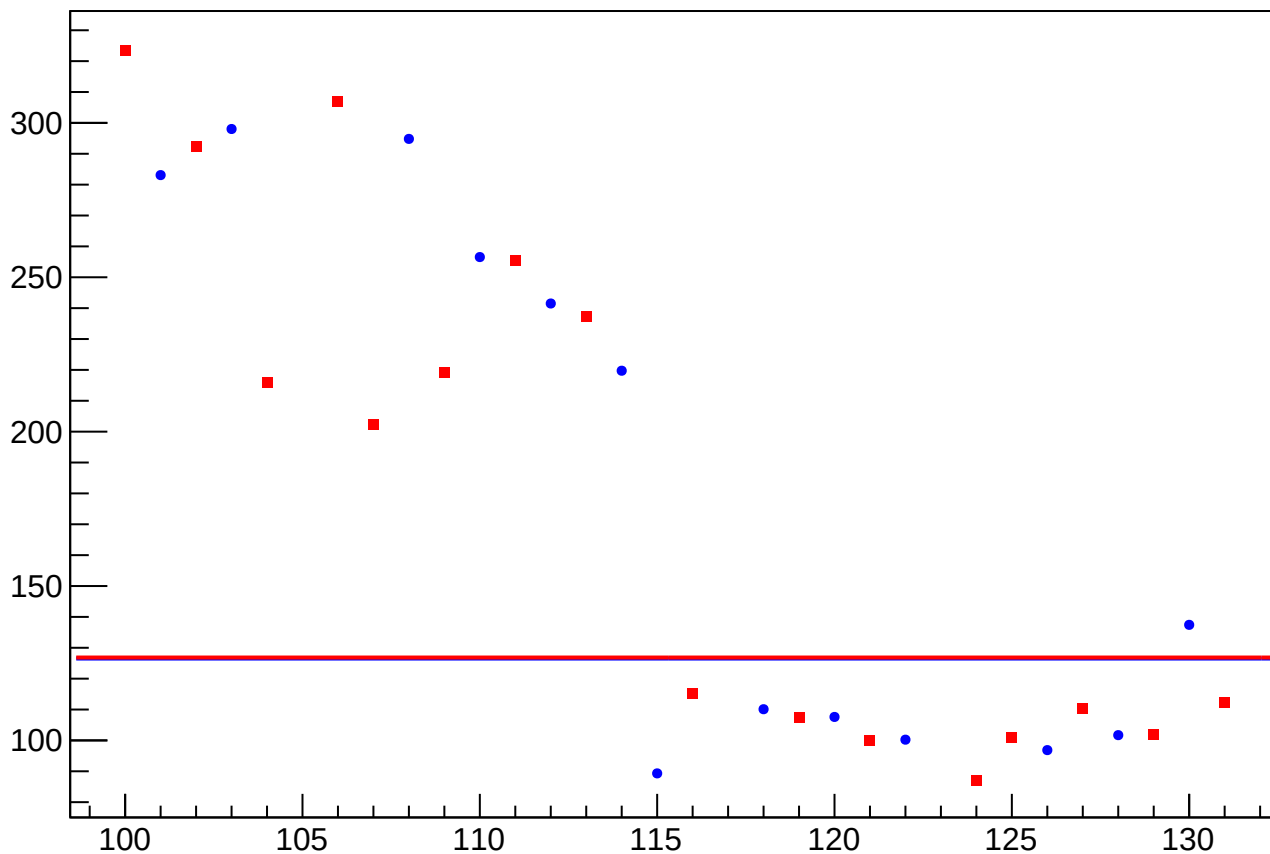
Right: -0.053 ± 0.041 $\chi^2/\text{NDF}: 25.7/28$

In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.053 ± 0.041 $\chi^2/\text{NDF}: 25.7/28$

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.845+/-0.039 χ^2/NDF : 1762753.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

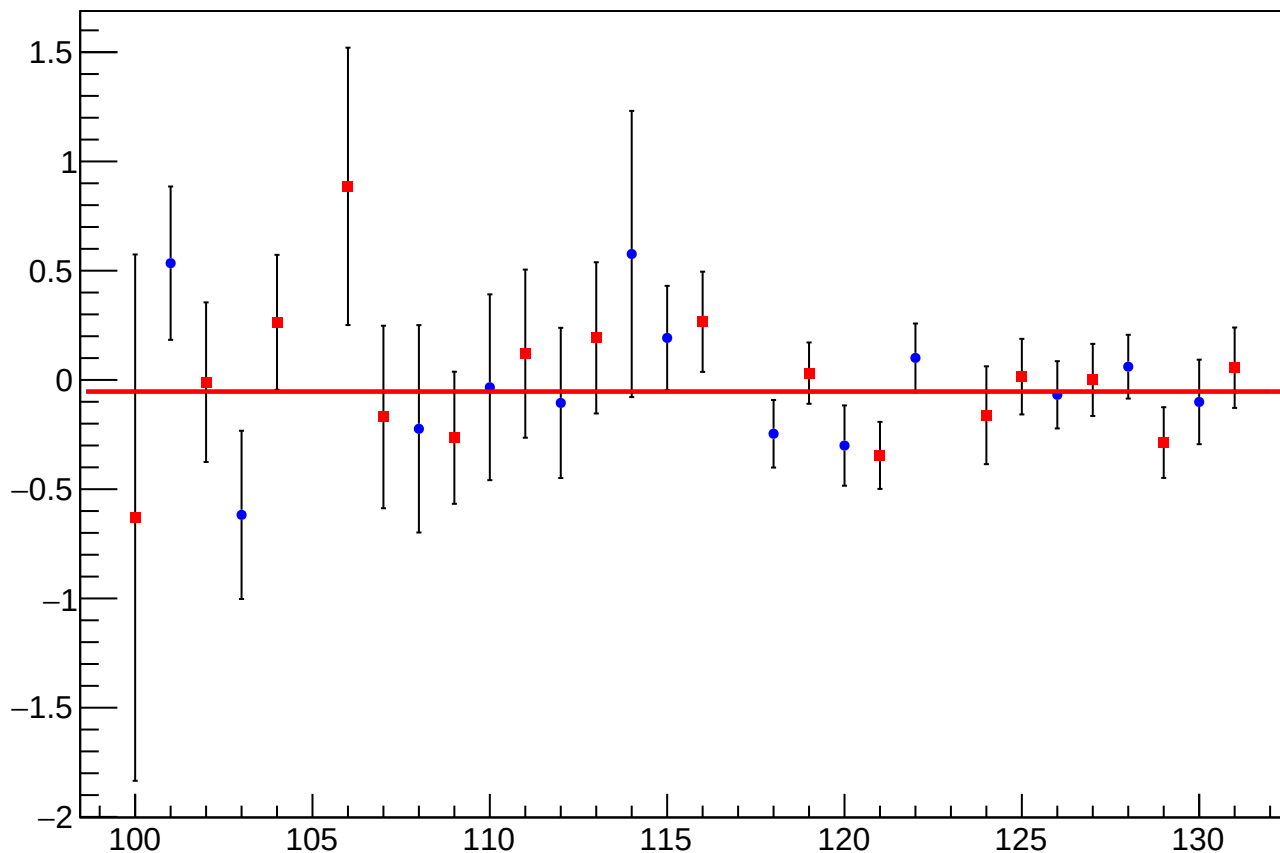
Right: 126.691+/-0.029 χ^2/NDF : 3547562.0/28

In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.691+/-0.029 χ^2/NDF : 3547562.0/28

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 ± 0.060 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.053 ± 0.056 χ^2/NDF : 13.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

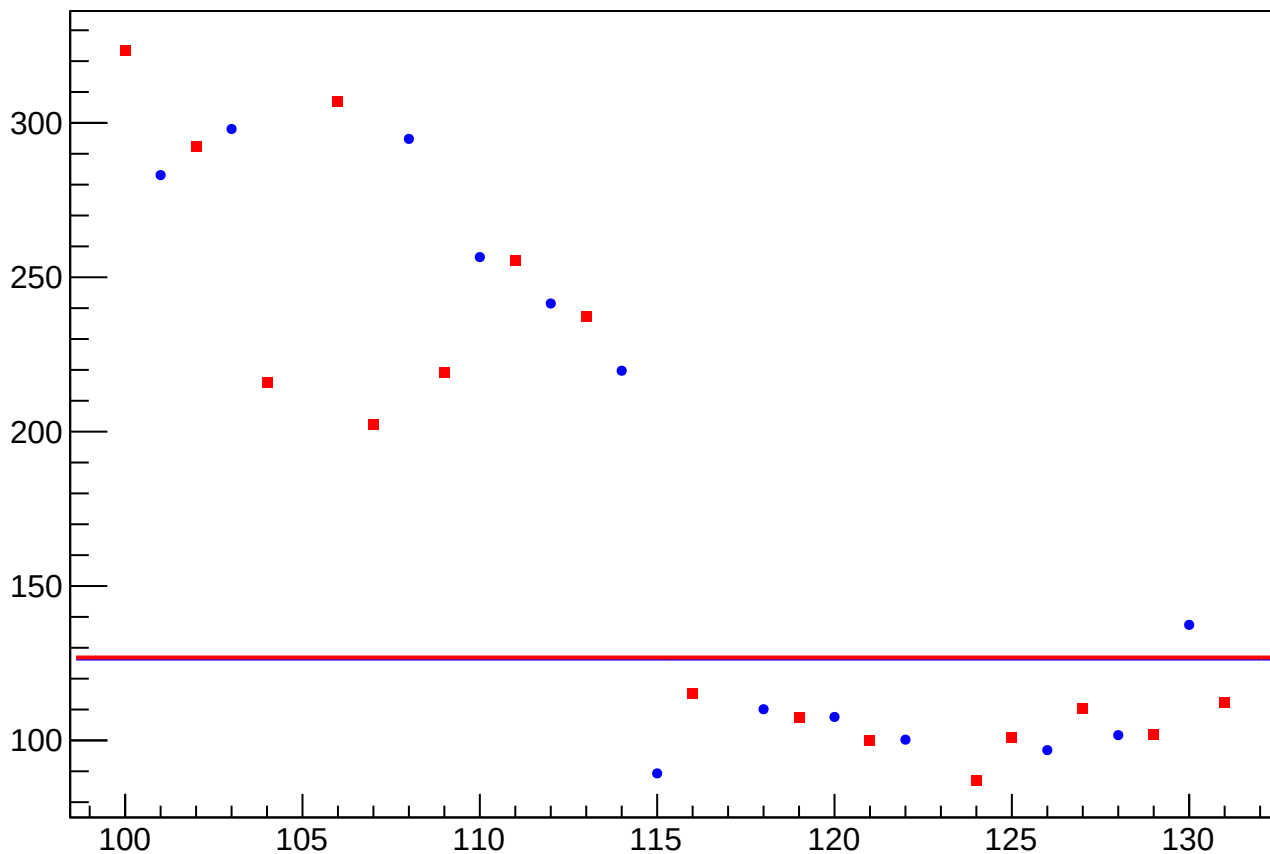
Right: -0.053 ± 0.041 χ^2/NDF : 25.7/28

In: -0.053 ± 0.060 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.053 ± 0.041 χ^2/NDF : 25.7/28

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.845+/-0.039 χ^2/NDF : 1762753.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

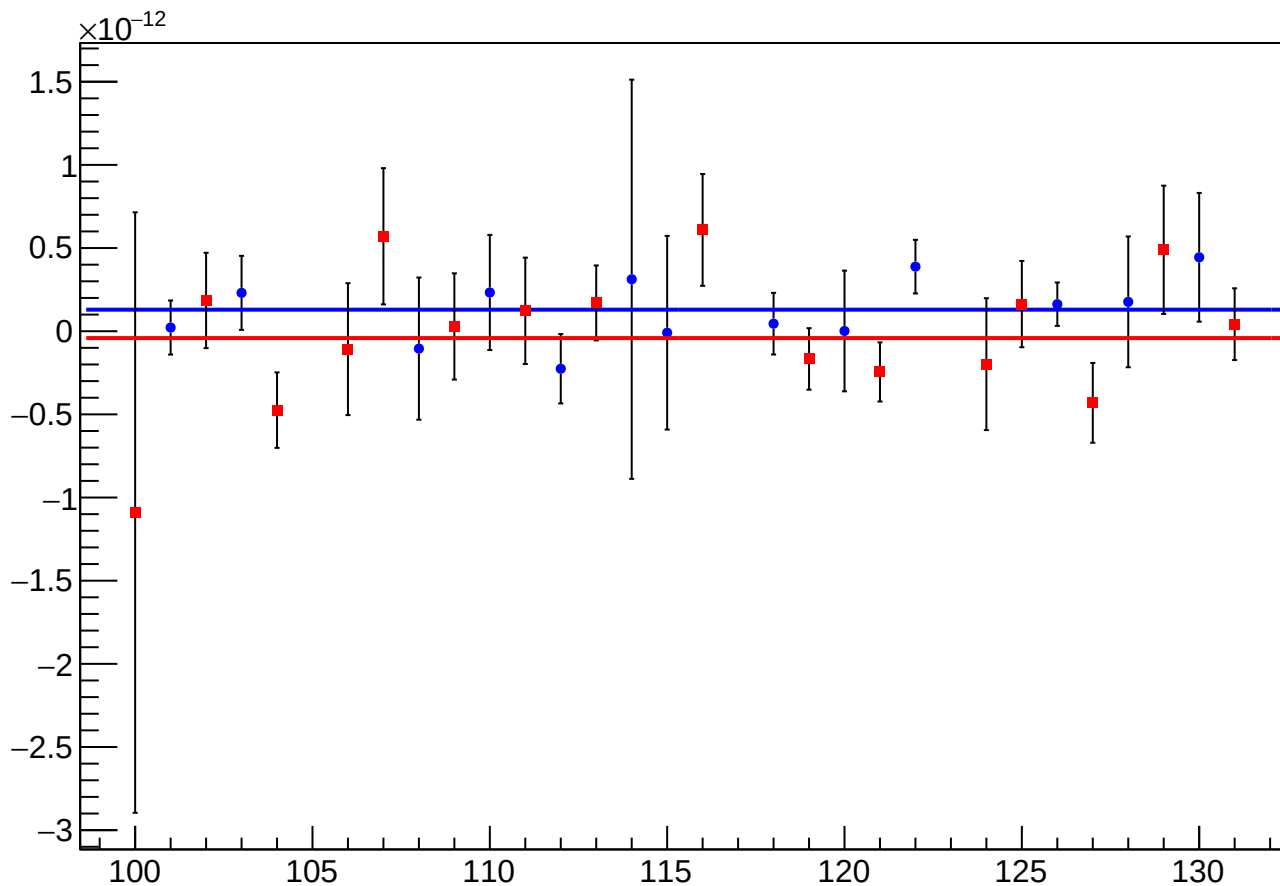
Right: 126.691+/-0.029 χ^2/NDF : 3547562.0/28

In: 126.514+/-0.042 χ^2/NDF :1784775.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.691+/-0.029 χ^2/NDF : 3547562.0/28

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

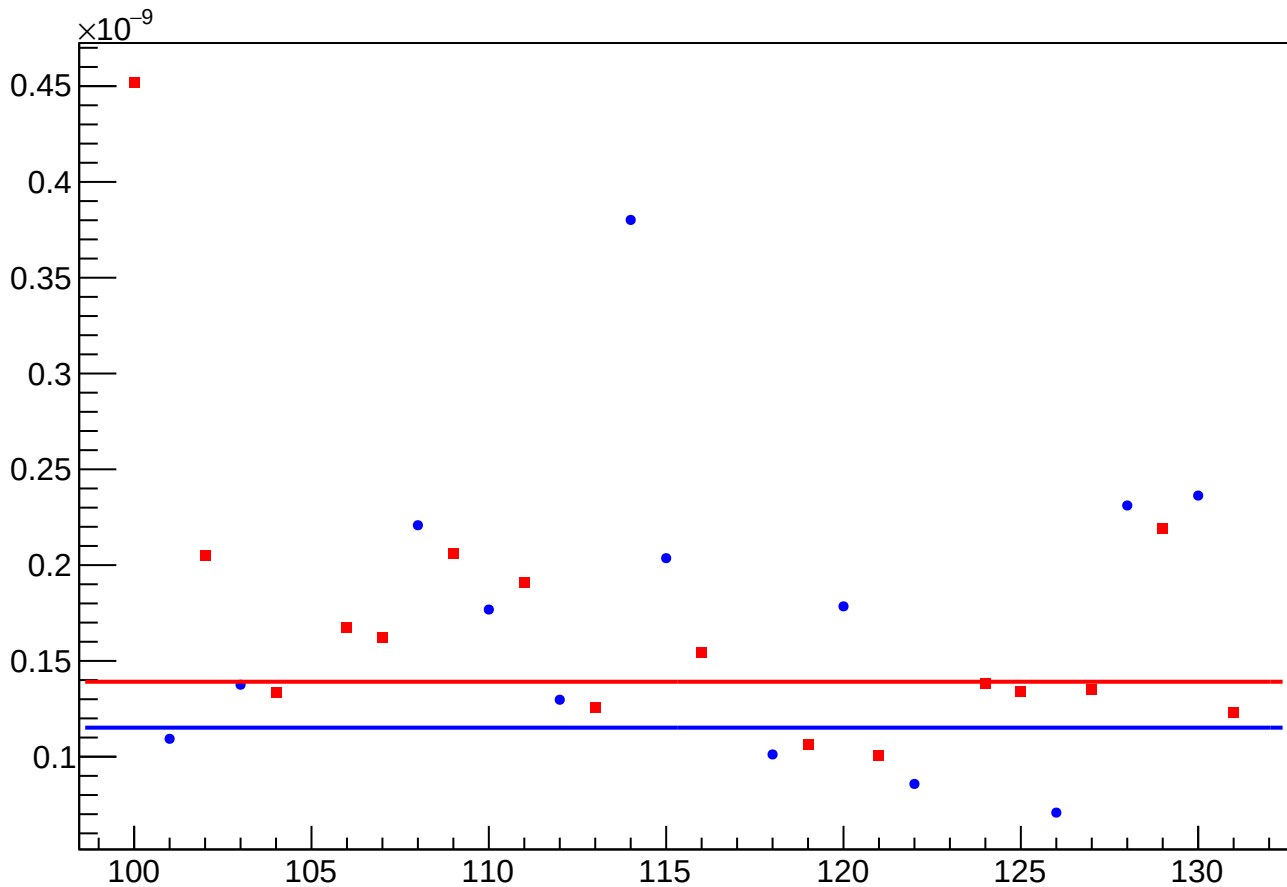
Right: 0.000+/-0.000 χ^2/NDF : 30.1/28

In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/28

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101774.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590713.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

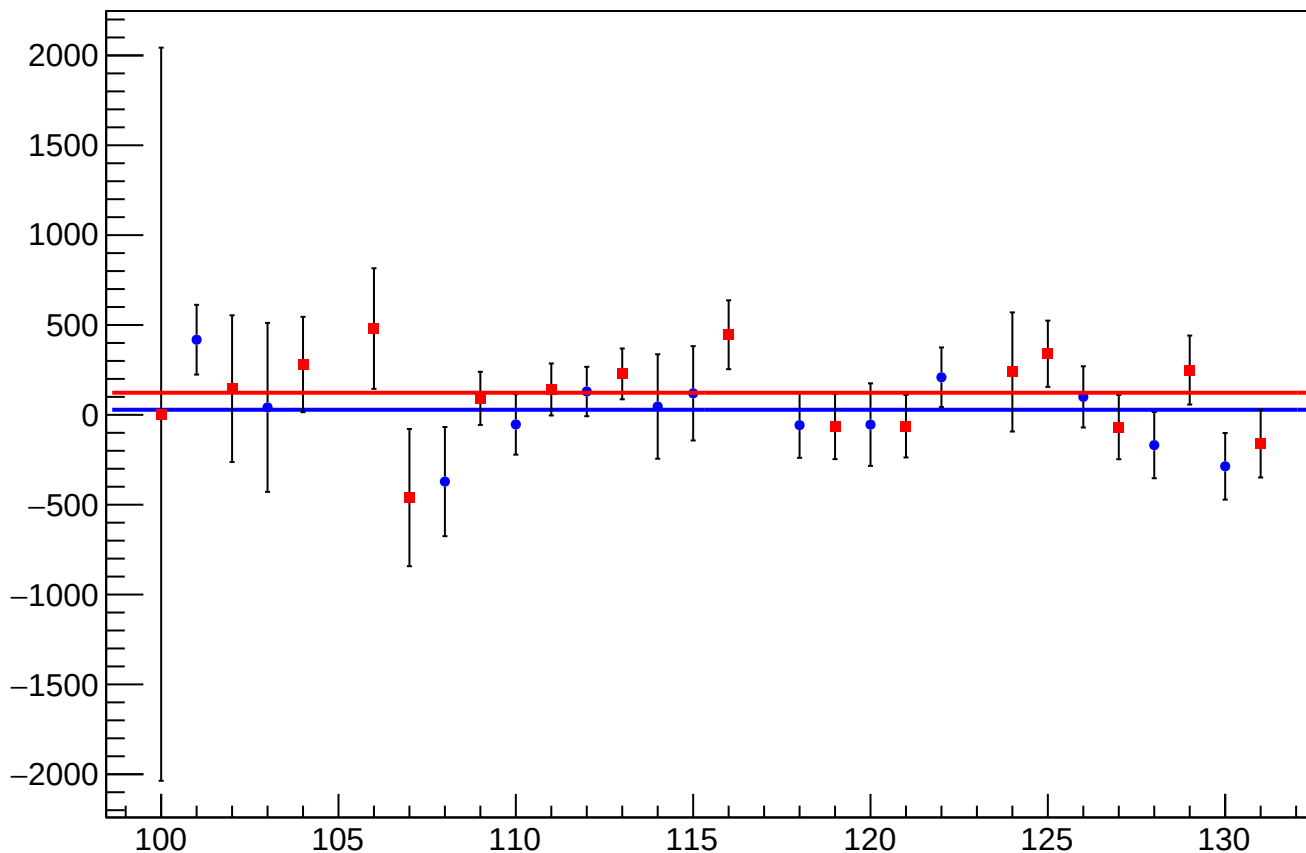
Right: 0.000+/-0.000 χ^2/NDF : 1825748.6/28

In: 0.000+/-0.000 χ^2/NDF : 1101774.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1825748.6/28

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 28.349+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.129+/-50.291 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

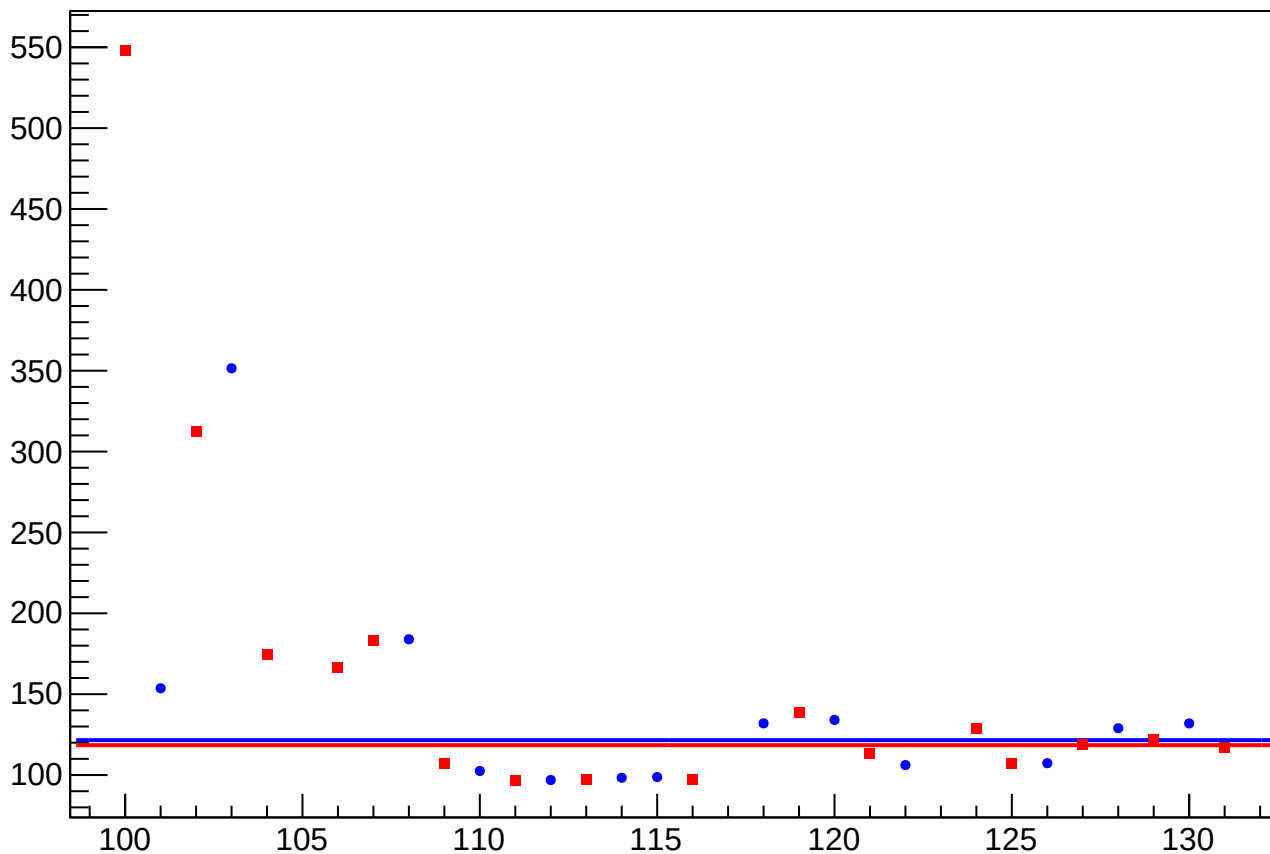
Right: 79.665+/-37.004 χ^2/NDF : 28.9/28

In: 28.349+/-54.645 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.665+/-37.004 χ^2/NDF : 28.9/28

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.579+/-0.039 χ^2/NDF : 788289.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.481+/-0.036 χ^2/NDF : 891164.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

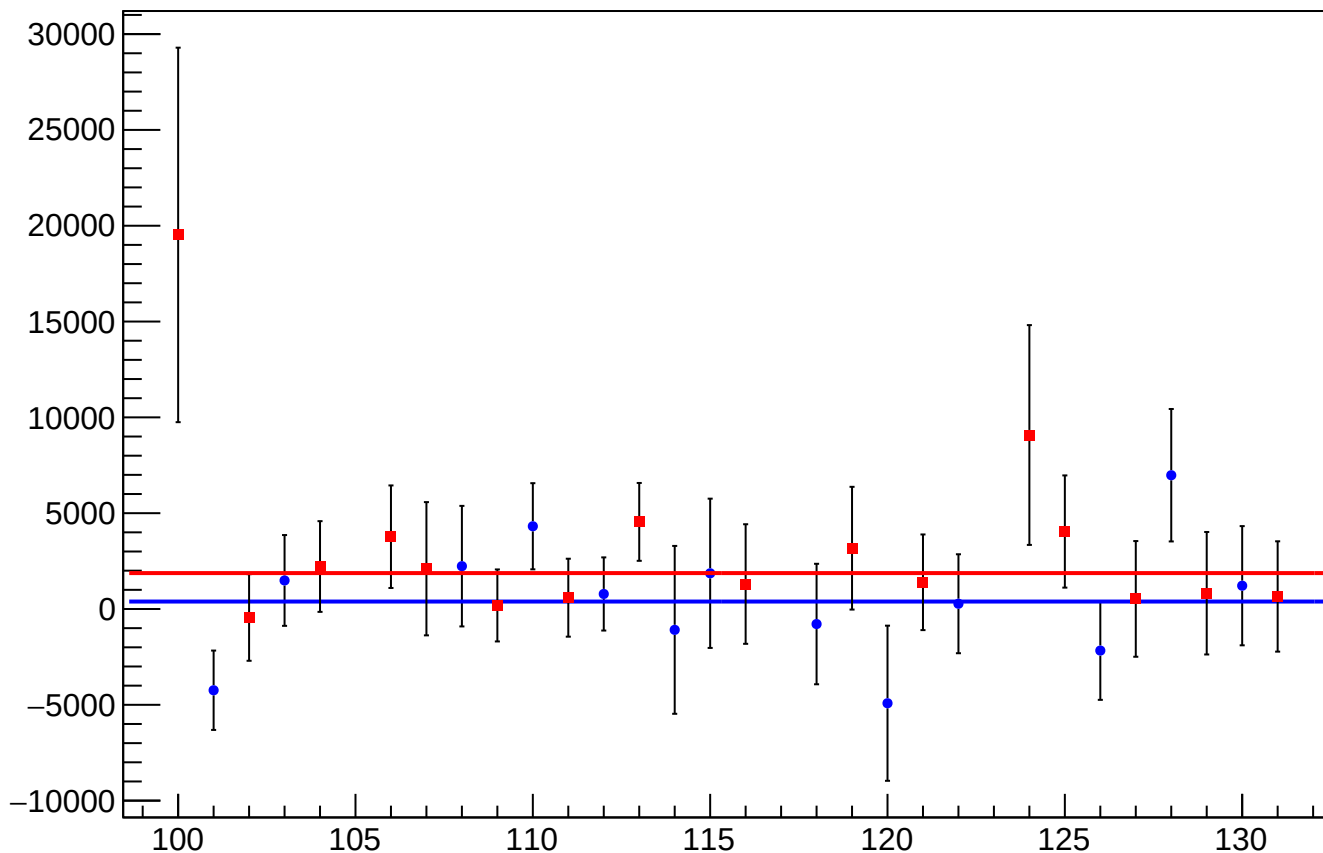
Right: 119.901+/-0.026 χ^2/NDF : 1682934.0/28

In: 121.579+/-0.039 χ^2/NDF : 788289.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.901+/-0.026 χ^2/NDF : 1682934.0/28

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 389.078+/-755.189 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1873.957+/-672.547 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

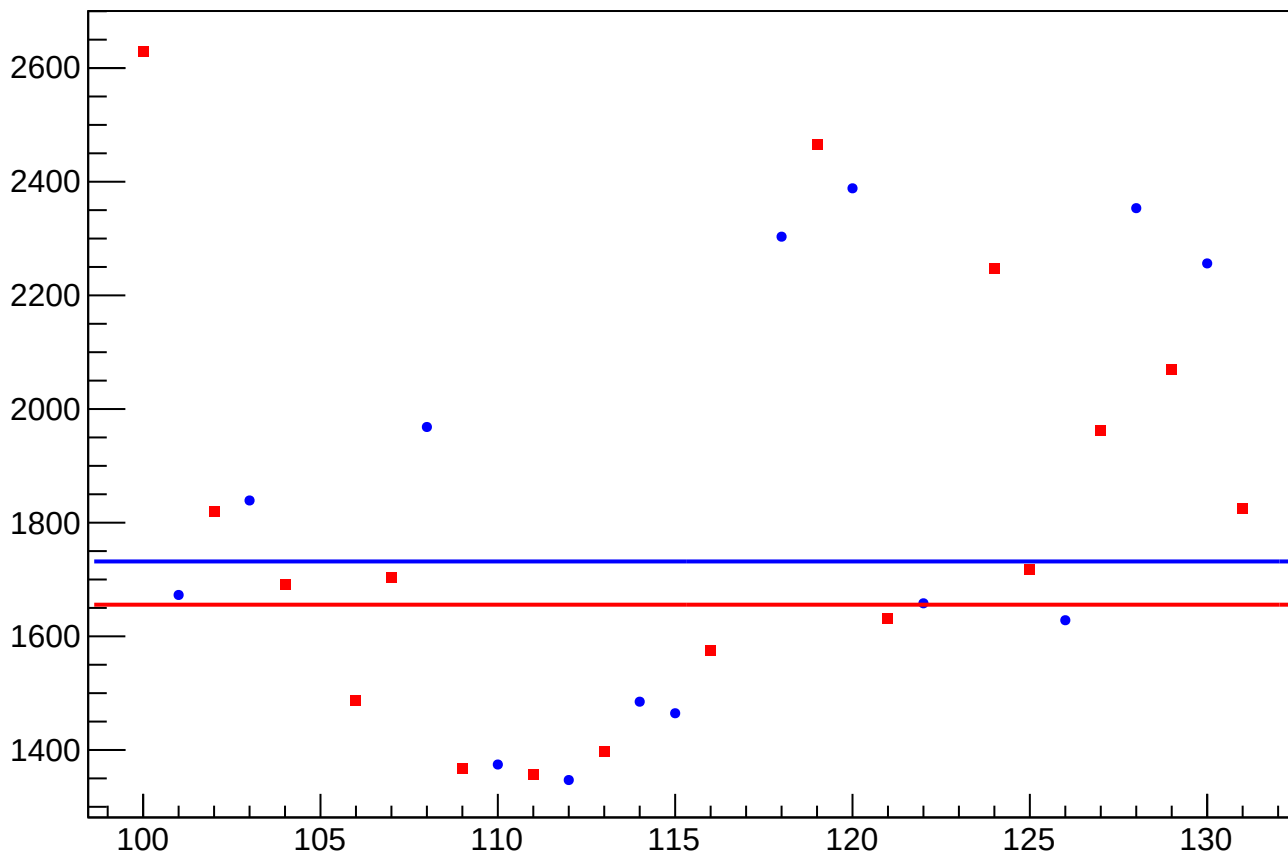
Right: 1217.180+/-502.249 χ^2/NDF : 28.3/28

In: 389.078+/-755.189 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1217.180+/-502.249 χ^2/NDF : 28.3/28

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1731.785+/-0.534 χ^2/NDF : 409766.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1655.686+/-0.476 χ^2/NDF : 374078.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

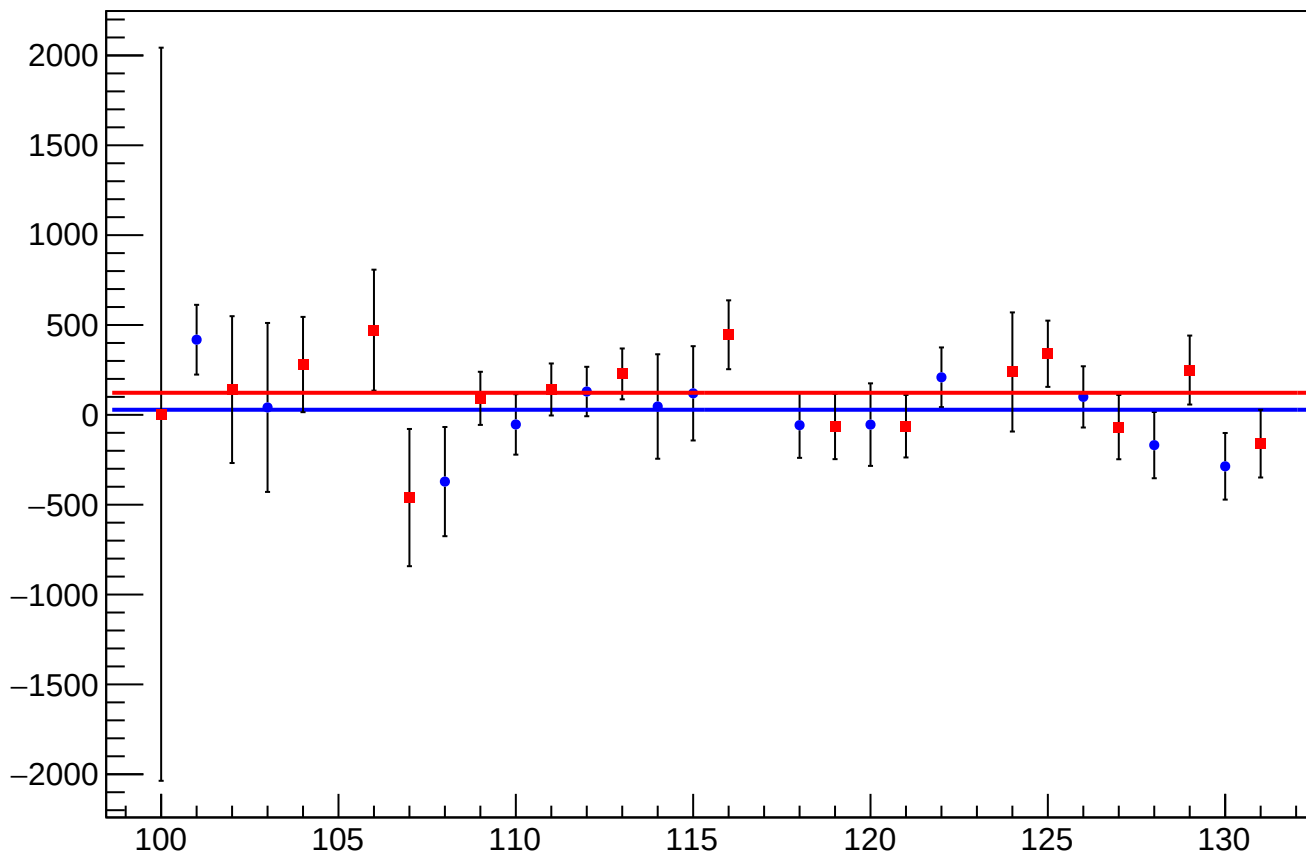
Right: 1689.345+/-0.355 χ^2/NDF : 795169.8/28

In: 1731.785+/-0.534 χ^2/NDF : 409766.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.345+/-0.355 χ^2/NDF : 795169.8/28

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.787+/-50.294 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

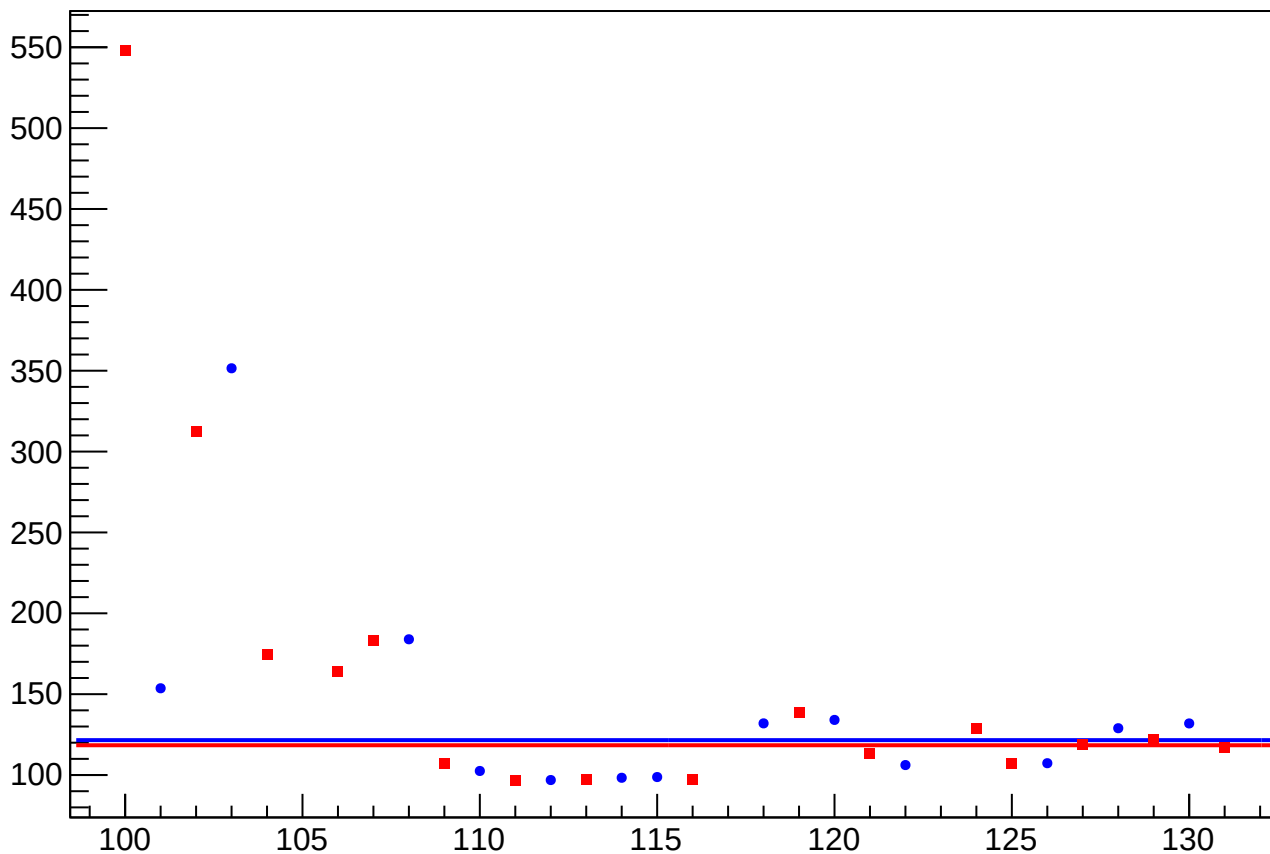
Right: 79.469+/-37.006 χ^2/NDF : 28.8/28

In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.469+/-37.006 χ^2/NDF : 28.8/28

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.418+/-0.036 χ^2/NDF : 887011.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

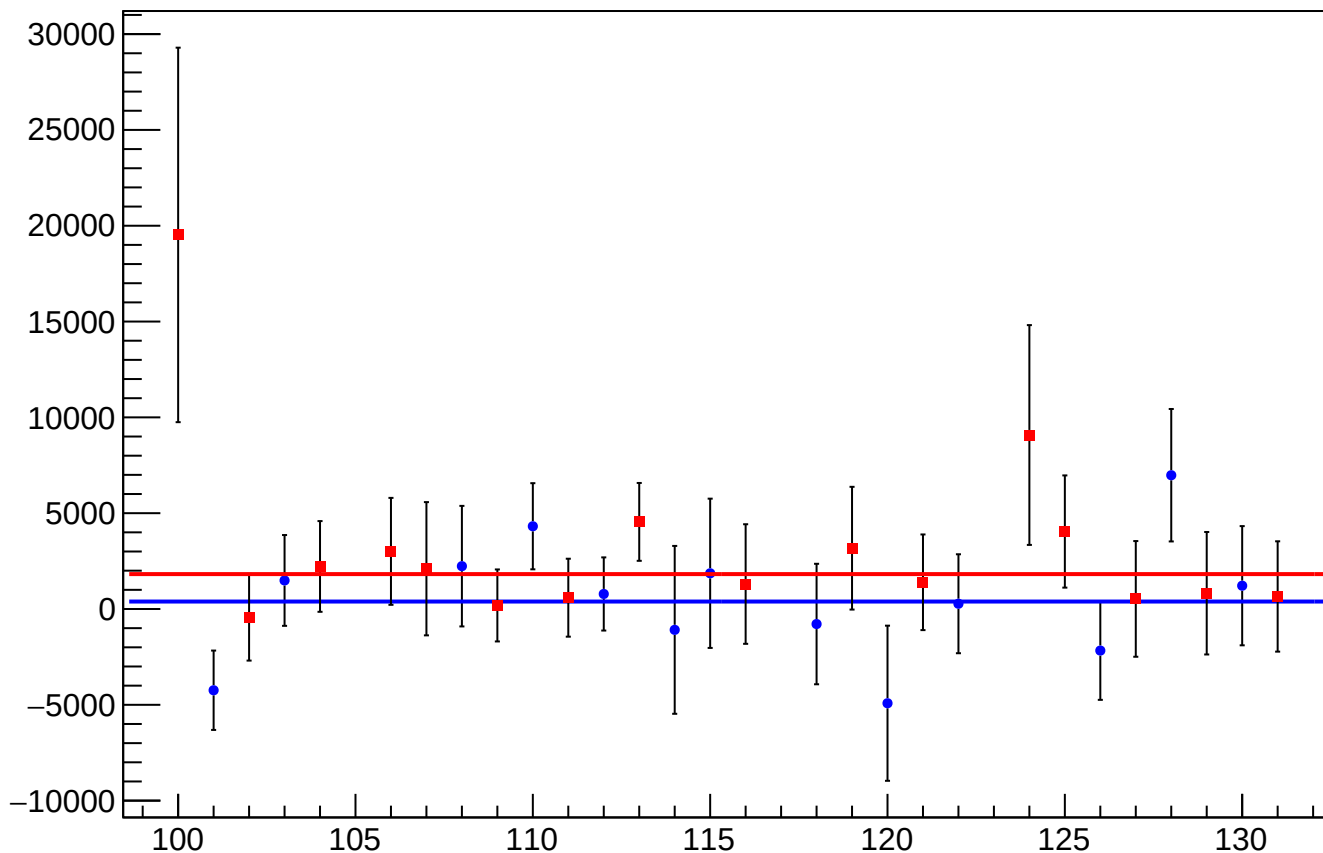
Right: 119.868+/-0.026 χ^2/NDF : 1678924.3/28

In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.868+/-0.026 χ^2/NDF : 1678924.3/28

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1821.214+/-674.325 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

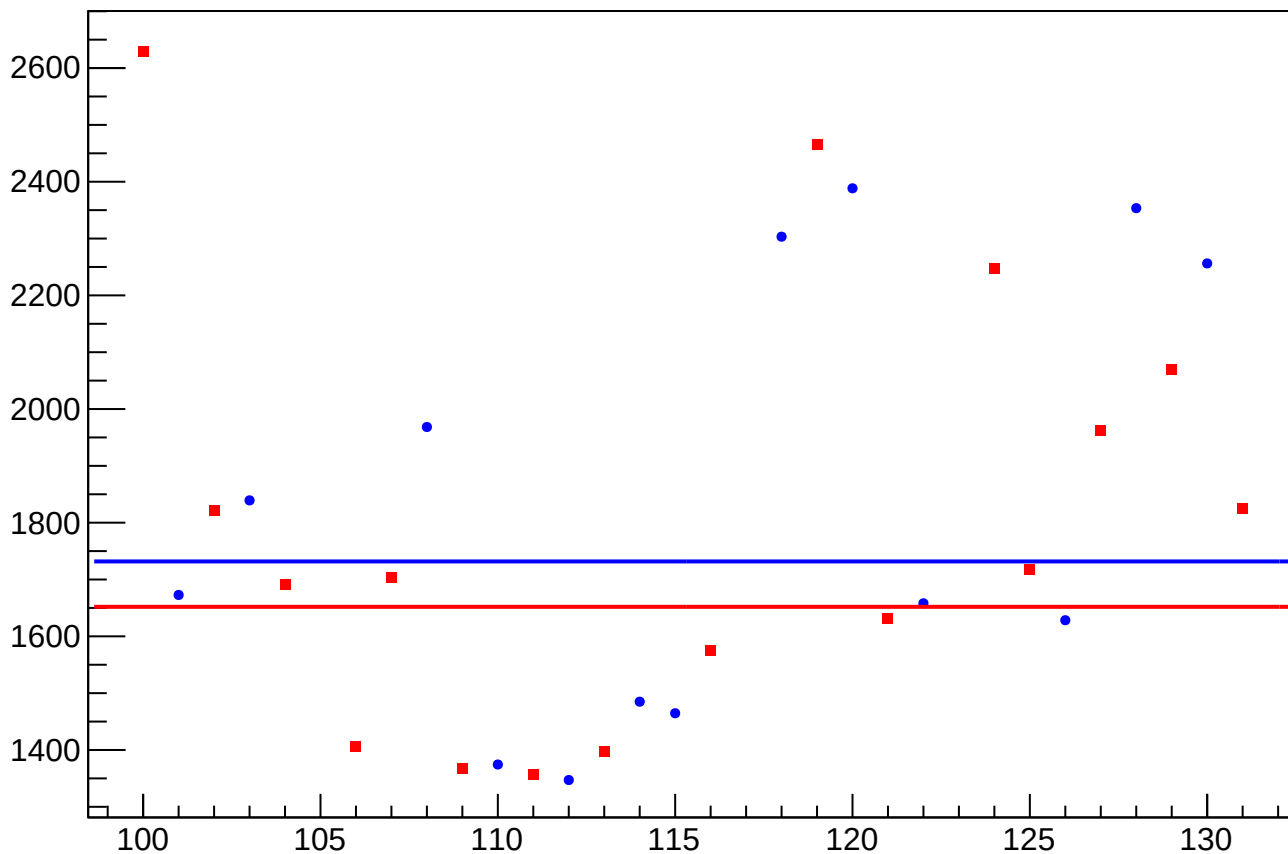
Right: 1185.926+/-502.991 χ^2/NDF : 27.7/28

In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1185.926+/-502.991 χ^2/NDF : 27.7/28

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.925+/-0.477 χ^2/NDF : 382248.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

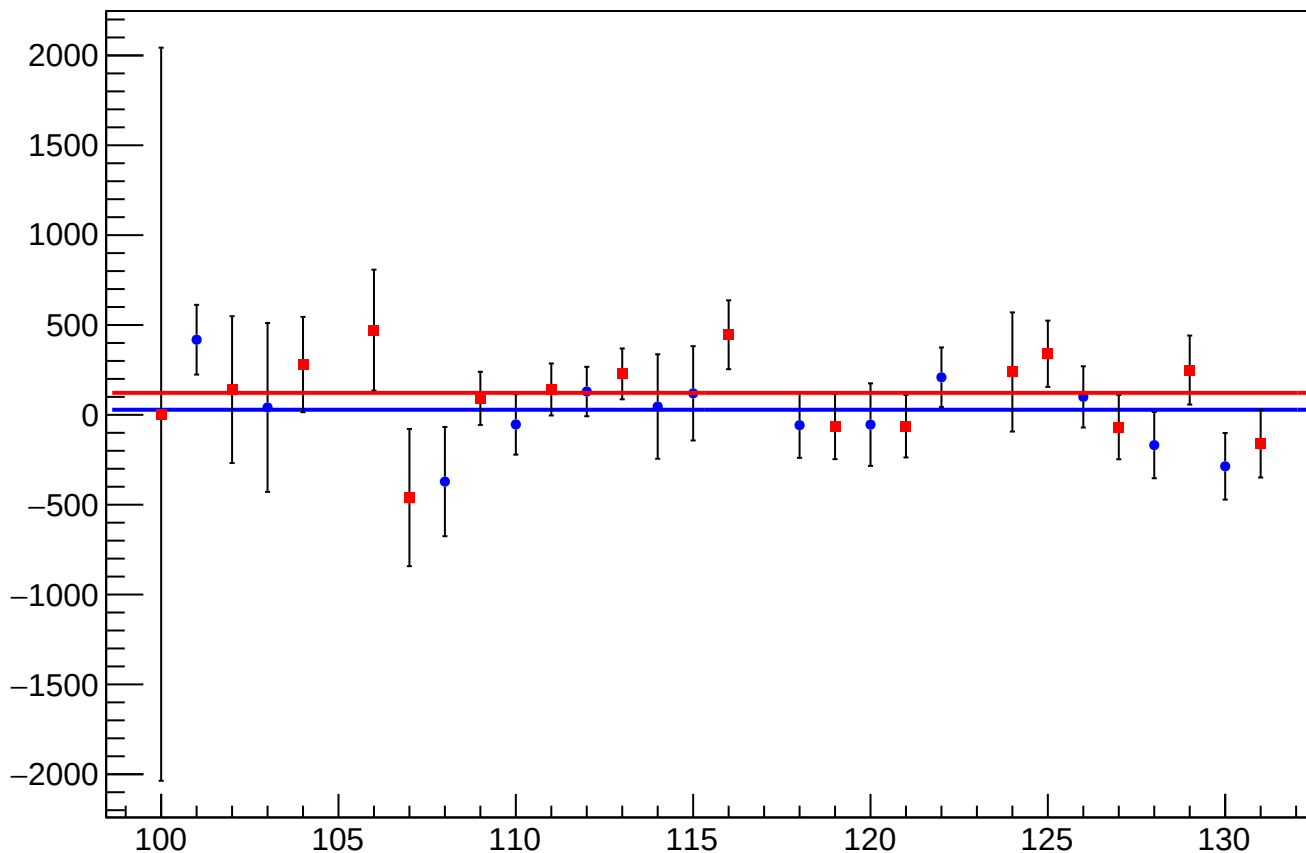
Right: 1687.359+/-0.356 χ^2/NDF : 804479.2/28

In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.359+/-0.356 χ^2/NDF : 804479.2/28

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.787+/-50.294 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

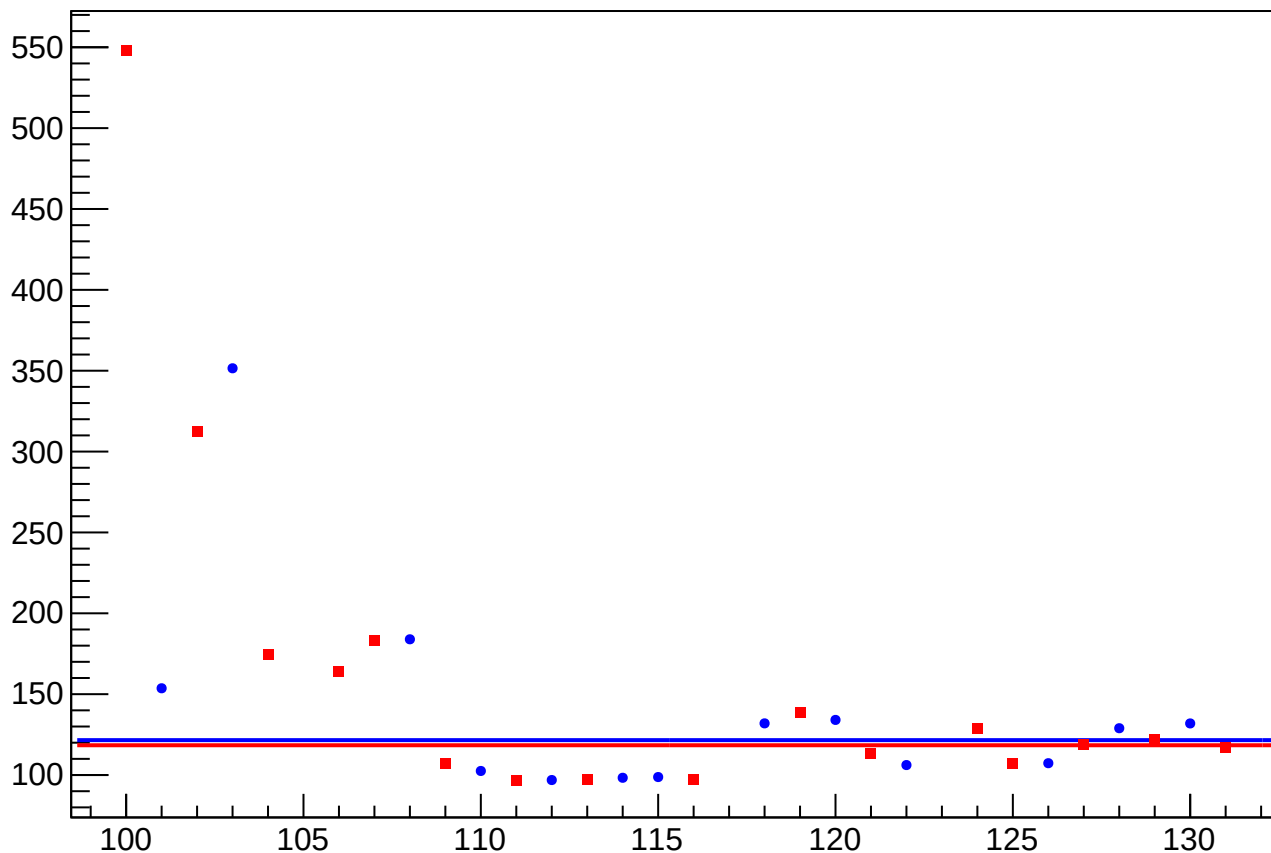
Right: 79.469+/-37.006 χ^2/NDF : 28.8/28

In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.469+/-37.006 χ^2/NDF : 28.8/28

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.418+/-0.036 χ^2/NDF : 887011.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

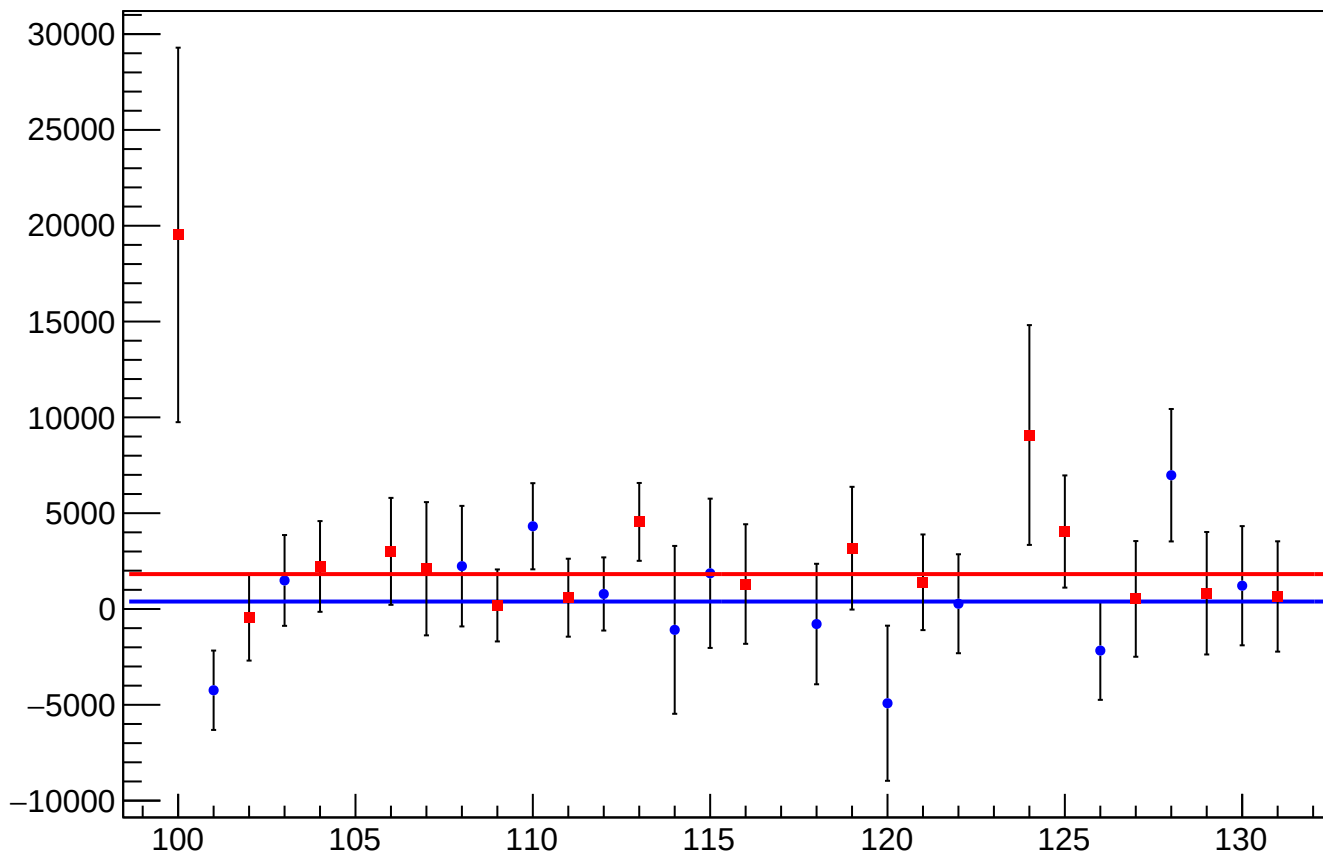
Right: 119.868+/-0.026 χ^2/NDF : 1678924.3/28

In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.868+/-0.026 χ^2/NDF : 1678924.3/28

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1821.214+/-674.325 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

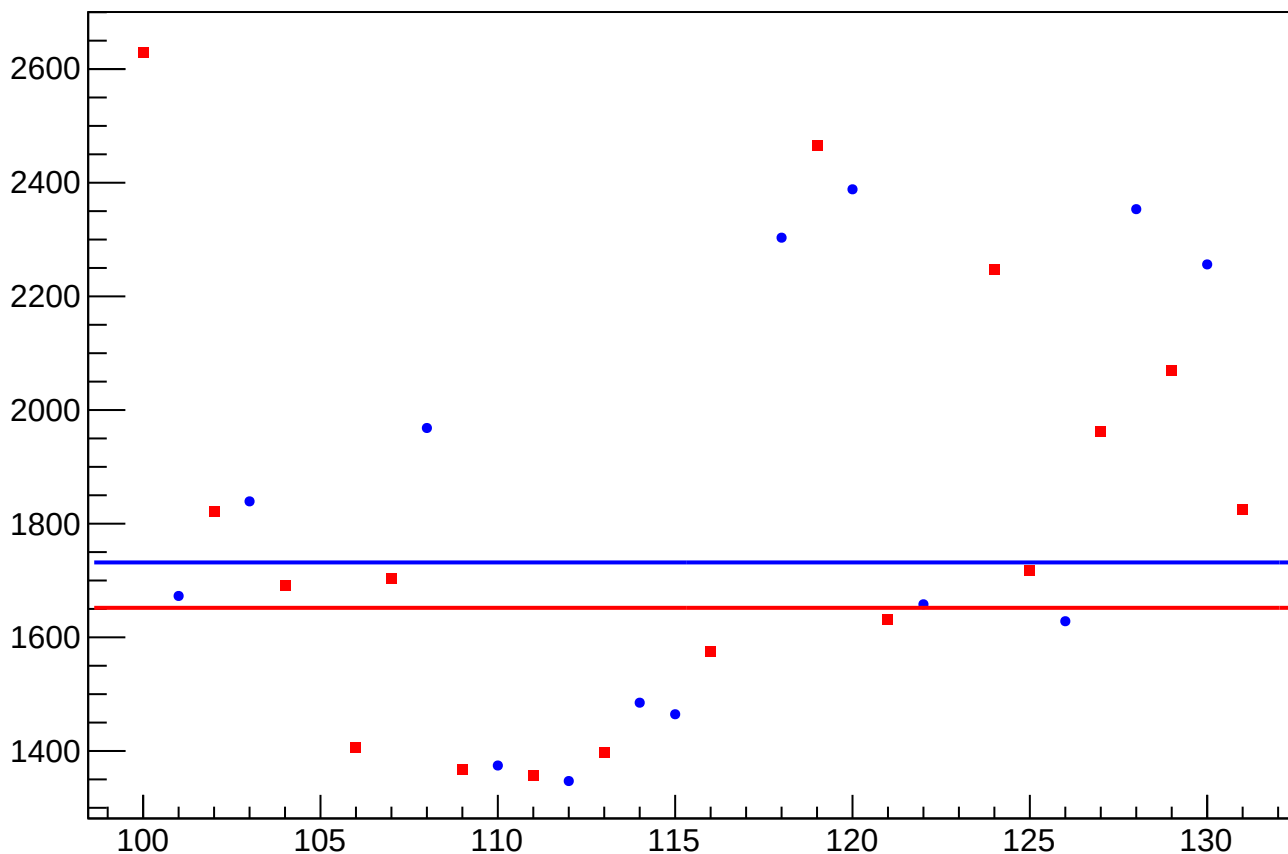
Right: 1185.926+/-502.991 χ^2/NDF : 27.7/28

In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1185.926+/-502.991 χ^2/NDF : 27.7/28

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.925+/-0.477 χ^2/NDF : 382248.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

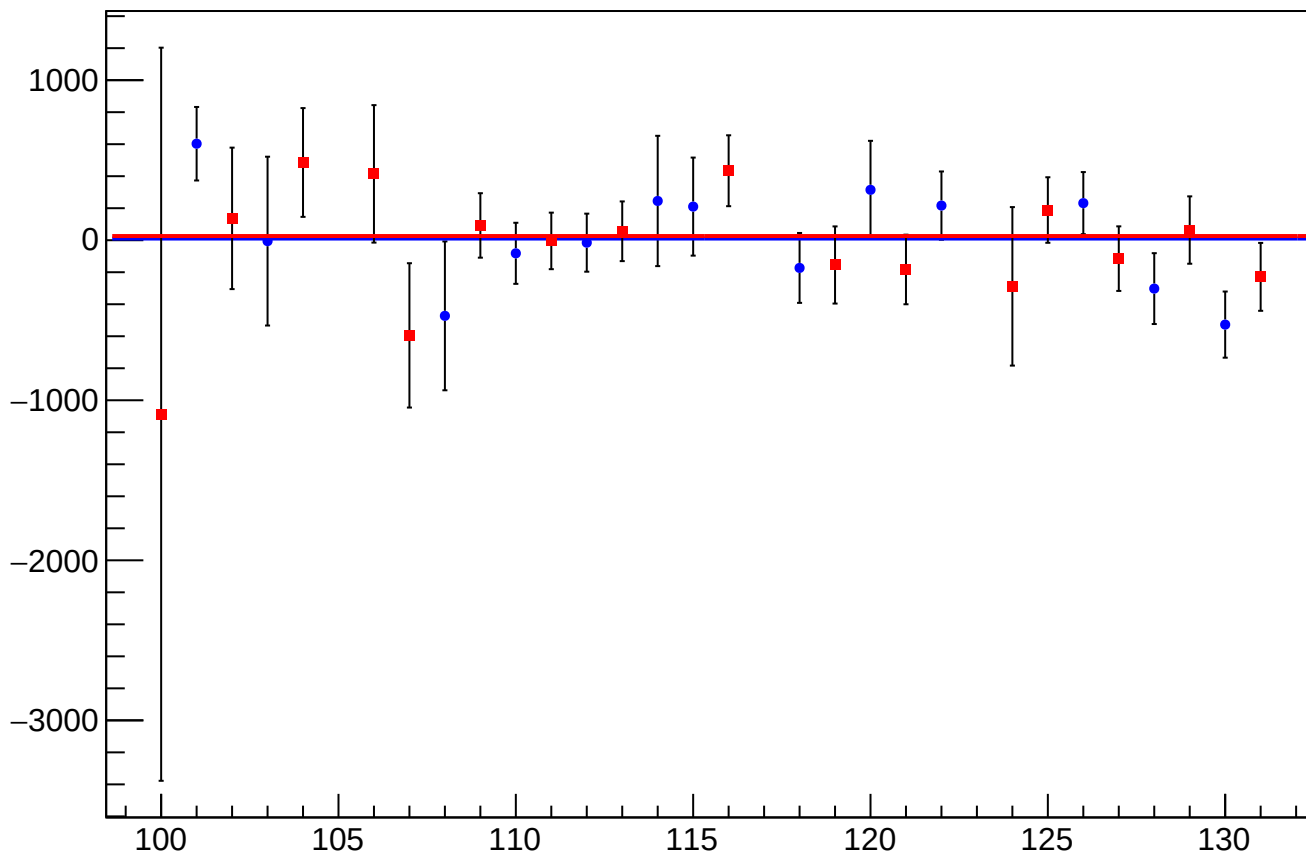
Right: 1687.359+/-0.356 χ^2/NDF : 804479.2/28

In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.359+/-0.356 χ^2/NDF : 804479.2/28

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 10.499+/-66.549 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.075+/-61.336 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

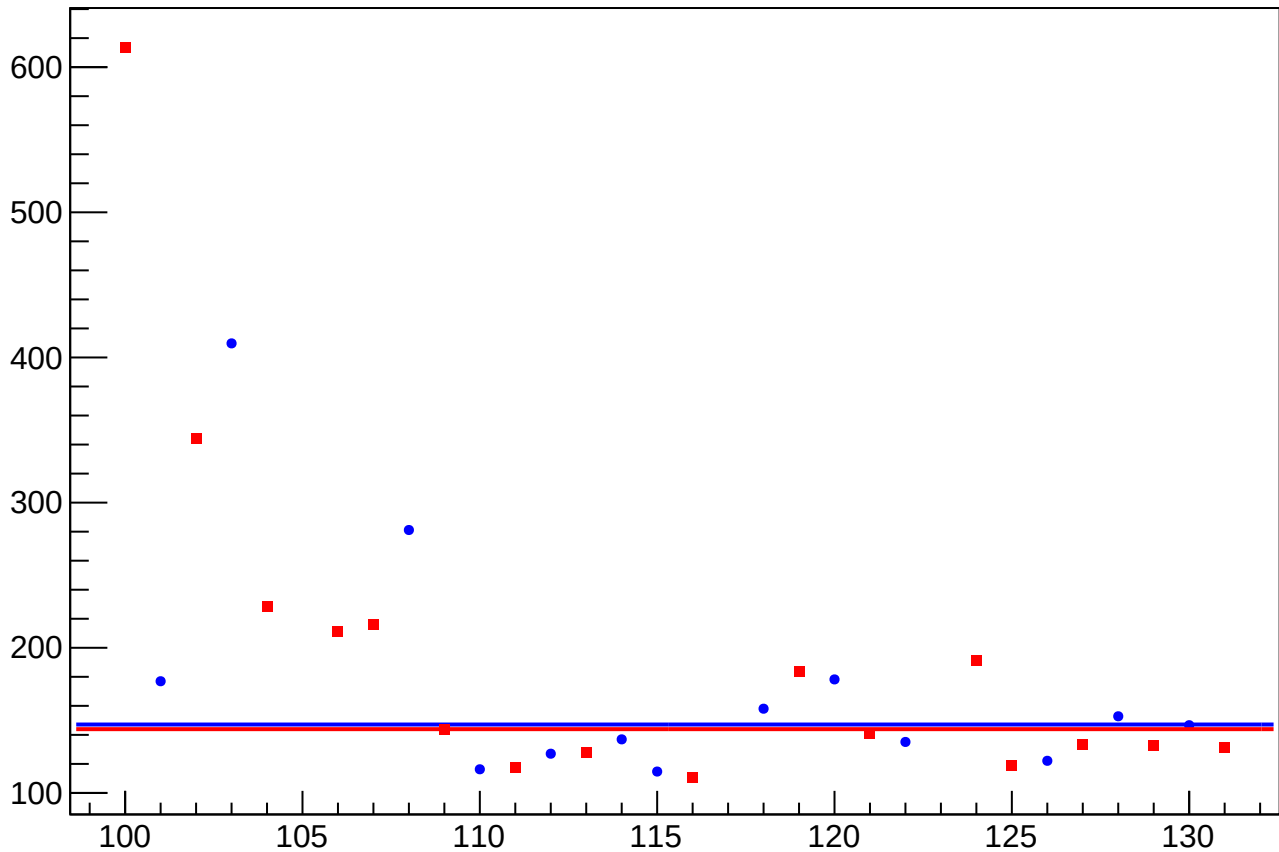
Right: 18.921+/-45.102 χ^2/NDF : 34.4/28

In: 10.499+/-66.549 χ^2/NDF : 21.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.921+/-45.102 χ^2/NDF : 34.4/28

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.136+/-0.047 χ^2/NDF : 862319.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.945+/-0.043 χ^2/NDF : 943951.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

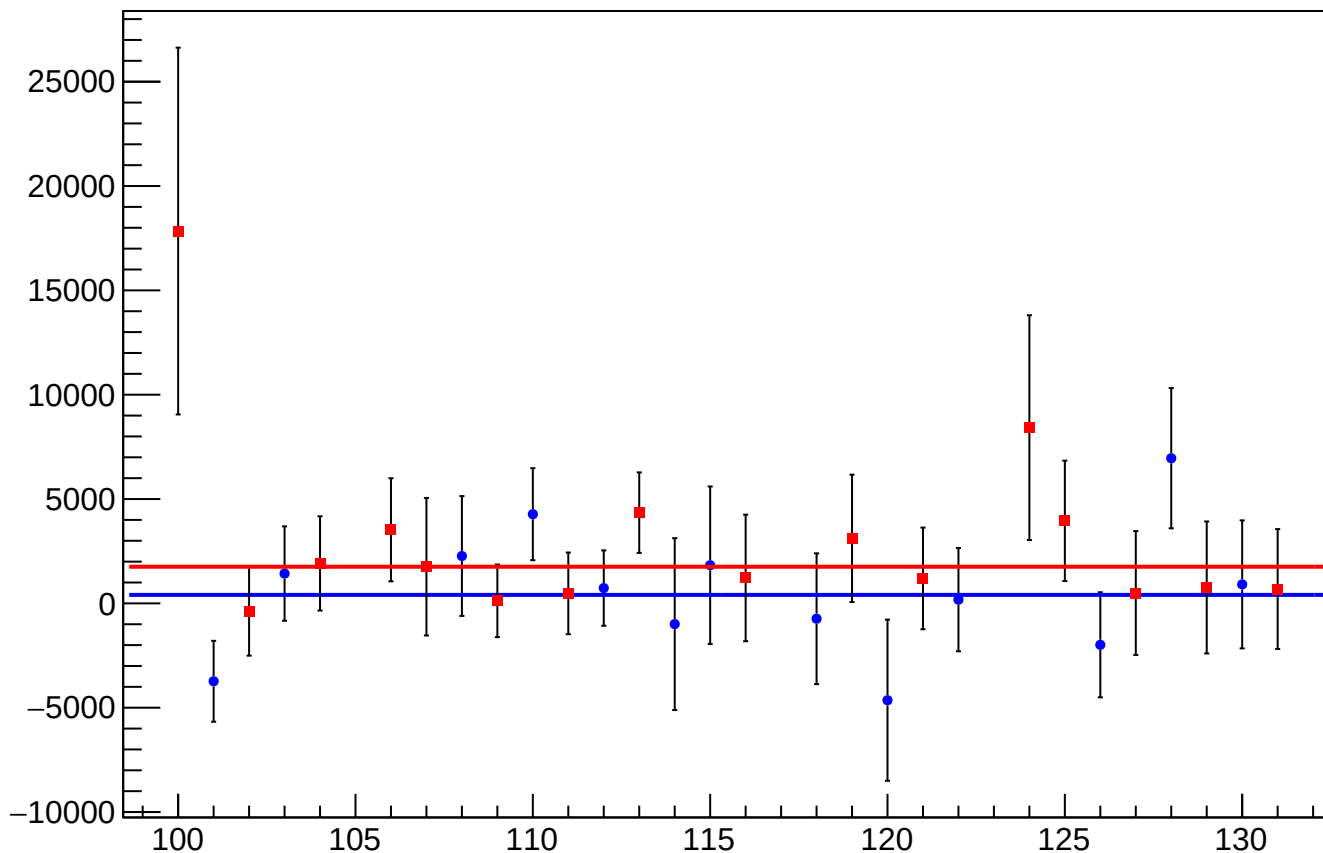
Right: 145.411+/-0.032 χ^2/NDF : 1808756.6/28

In: 147.136+/-0.047 χ^2/NDF : 862319.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.411+/-0.032 χ^2/NDF : 1808756.6/28

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.620+/-723.750 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1756.344+/-642.921 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

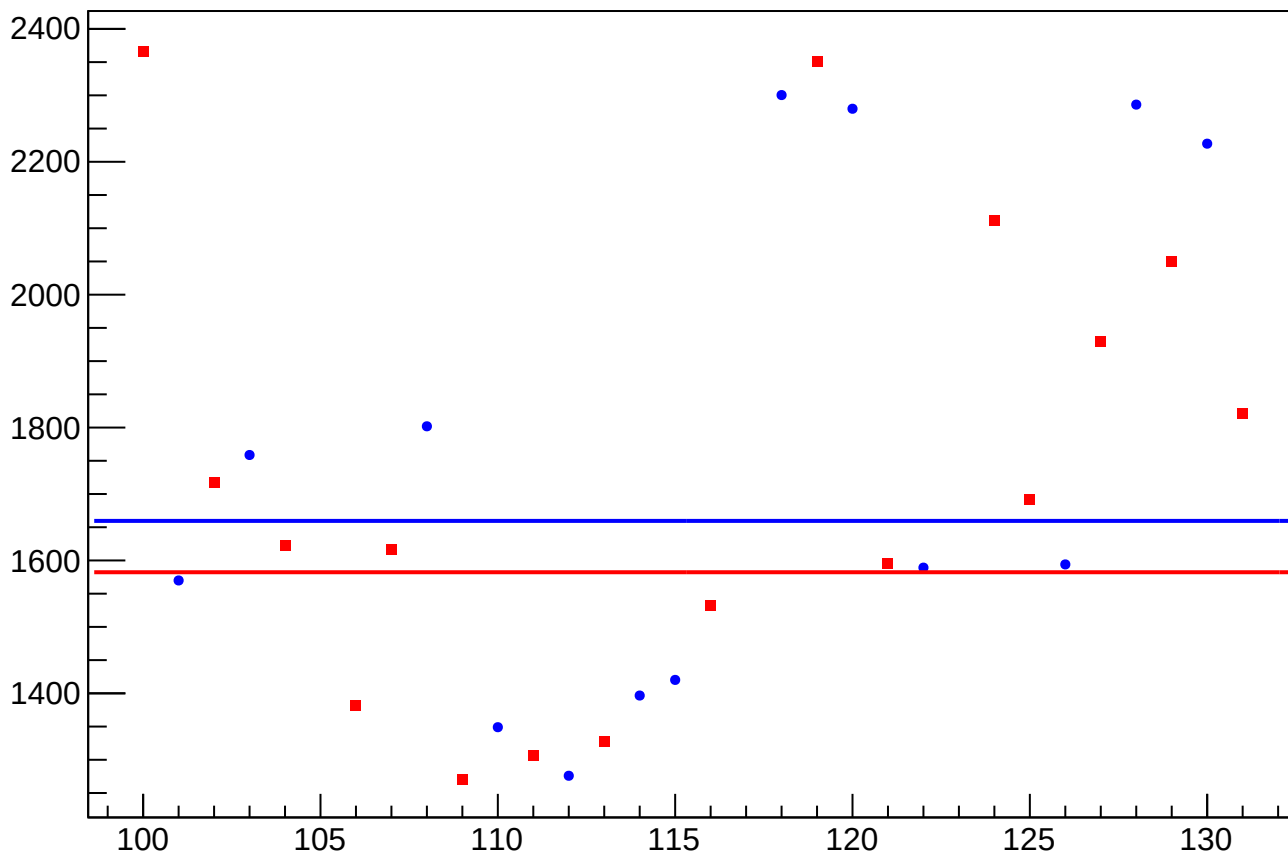
Right: 1161.030+/-480.661 χ^2/NDF : 27.9/28

In: 406.620+/-723.750 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.030+/-480.661 χ^2/NDF : 27.9/28

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1659.531+/-0.512 χ^2/NDF : 435223.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.258+/-0.455 χ^2/NDF : 411745.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

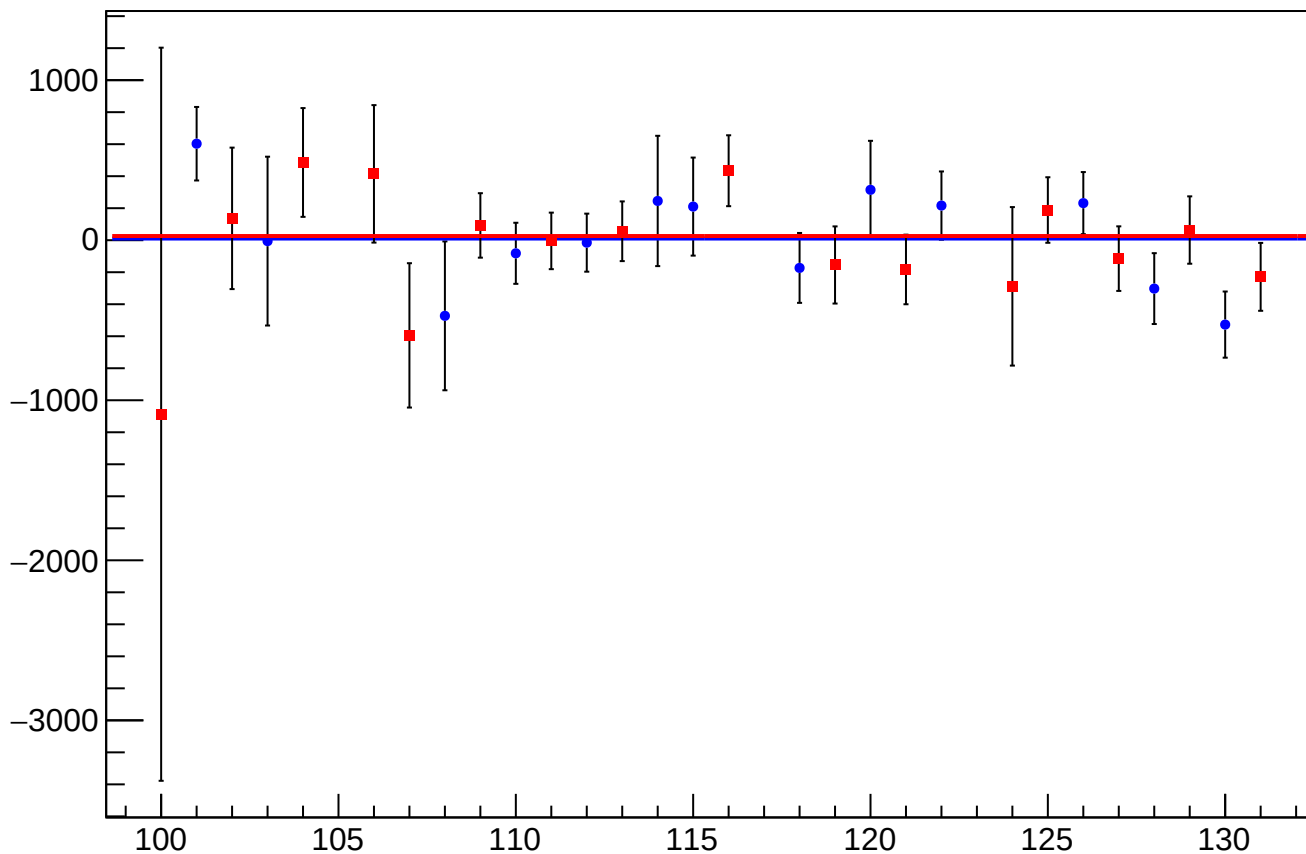
Right: 1616.341+/-0.340 χ^2/NDF : 859712.0/28

In: 1659.531+/-0.512 χ^2/NDF : 435223.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.341+/-0.340 χ^2/NDF : 859712.0/28

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 10.496+/-66.550 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.071+/-61.337 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

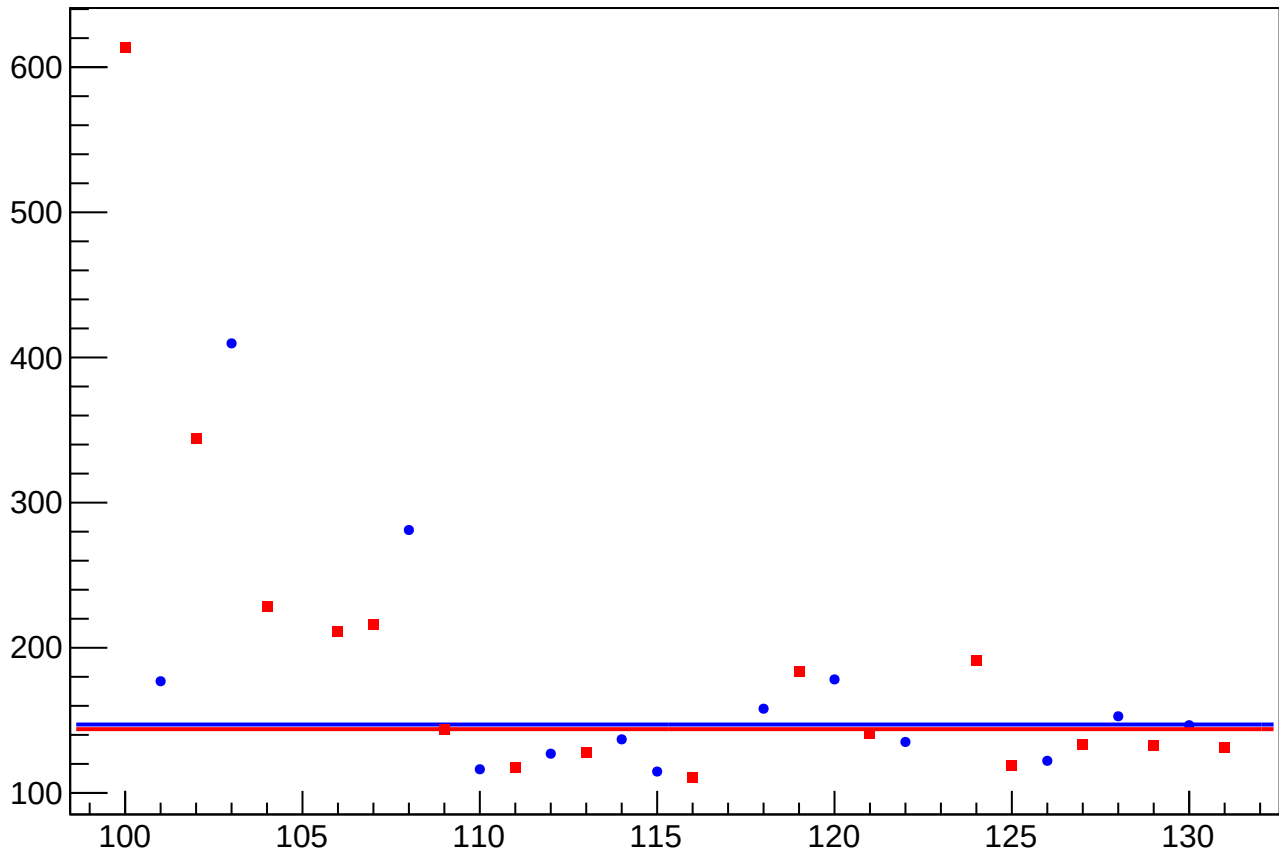
Right: 18.917+/-45.102 χ^2/NDF : 34.4/28

In: 10.496+/-66.550 χ^2/NDF : 21.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.917+/-45.102 χ^2/NDF : 34.4/28

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.137 $\pm$ 0.047 χ^2 /NDF: 862309.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.946 $\pm$ 0.043 χ^2 /NDF: 943948.0/15

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

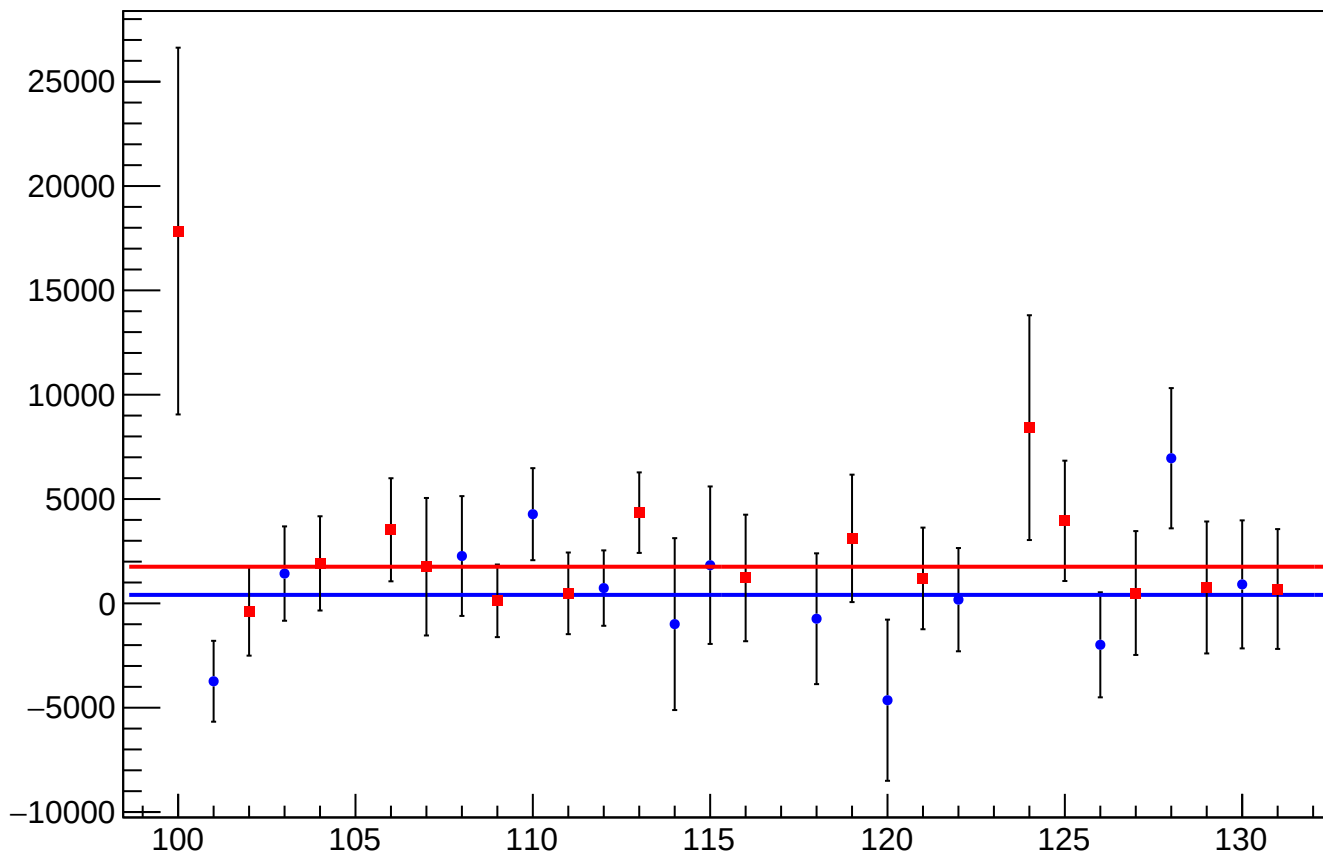
Right: 145.412 $\pm$ 0.032 χ^2 /NDF: 1808742.6/28

In: 147.137 $\pm$ 0.047 χ^2 /NDF:862309.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.412 $\pm$ 0.032 χ^2 /NDF: 1808742.6/28

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.618+/-723.749 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1756.341+/-642.920 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

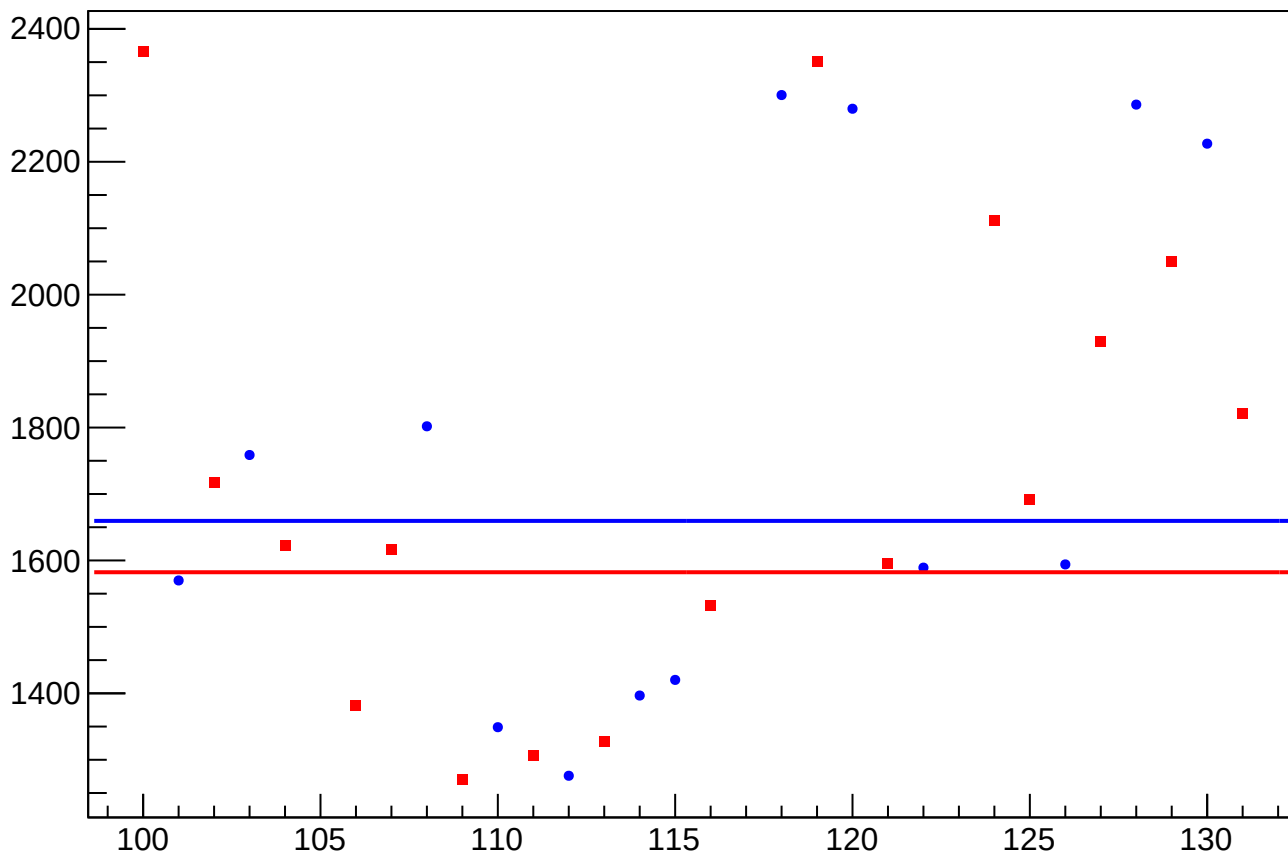
Right: 1161.028+/-480.660 χ^2/NDF : 27.9/28

In: 406.618+/-723.749 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.028+/-480.660 χ^2/NDF : 27.9/28

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1659.528+/-0.512 χ^2/NDF : 435226.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.255+/-0.455 χ^2/NDF : 411746.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

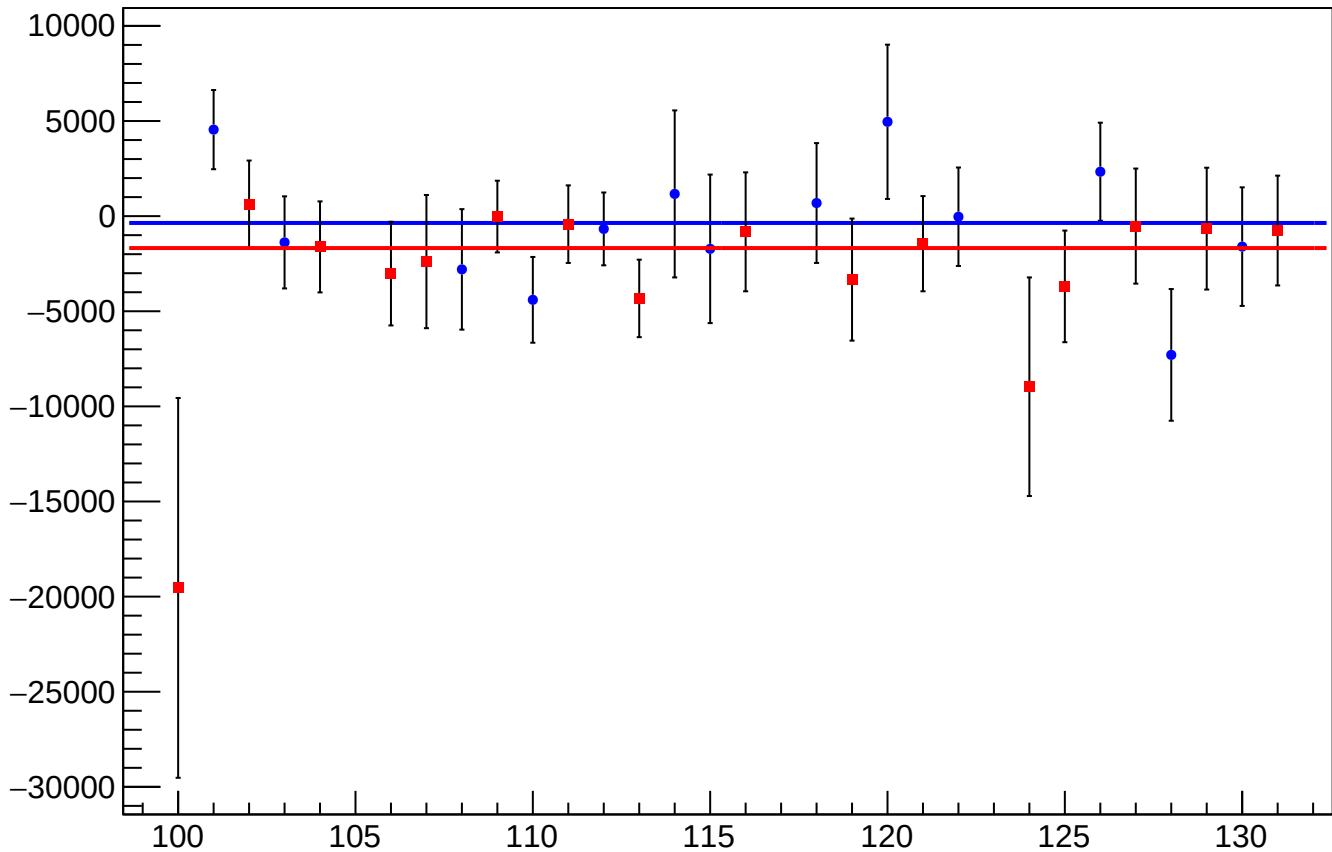
Right: 1616.337+/-0.340 χ^2/NDF : 859715.7/28

In: 1659.528+/-0.512 χ^2/NDF : 435226.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.337+/-0.340 χ^2/NDF : 859715.7/28

asym_sam3_mean vs Slug, Sign Corrected



Right In: -358.274+/-758.894 χ^2/NDF : 16.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1678.194+/-676.531 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

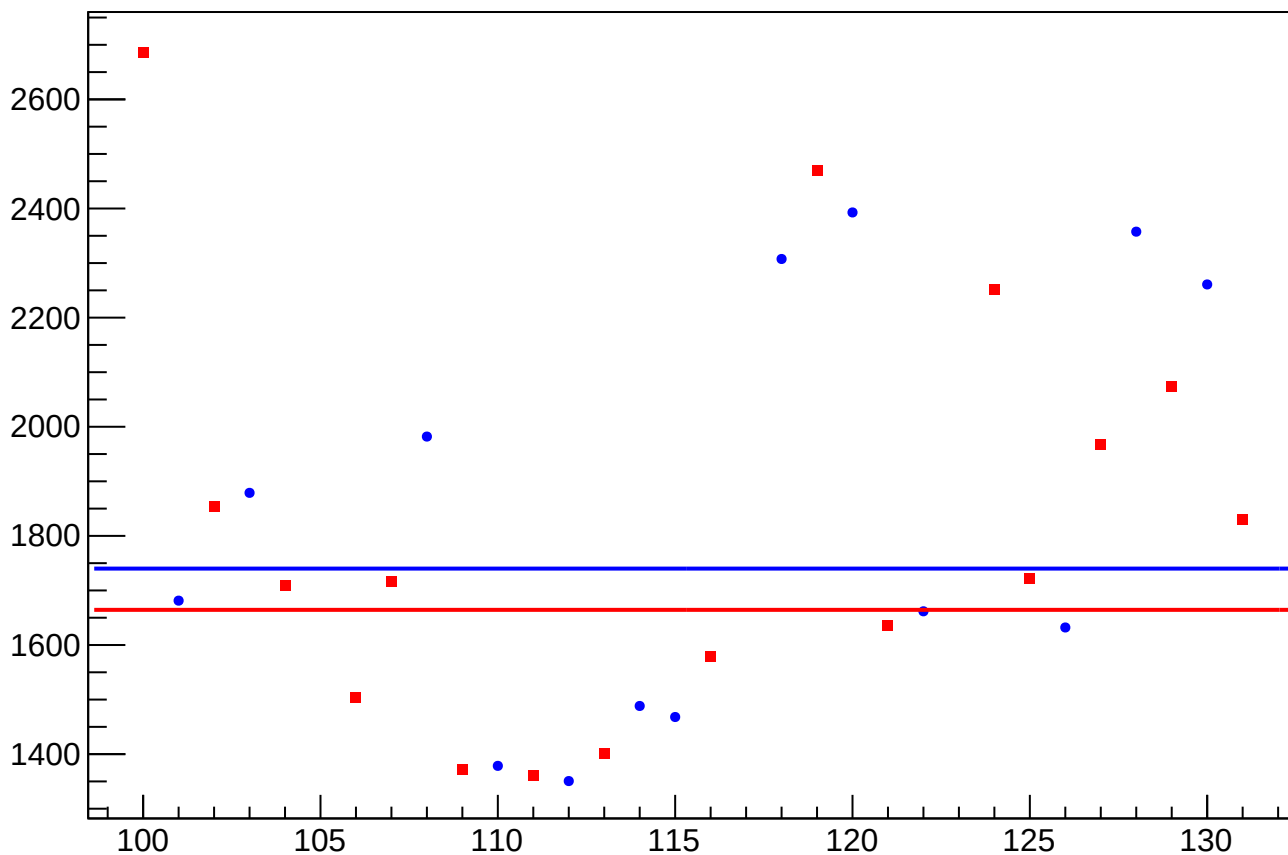
Right: -1093.721+/-504.998 χ^2/NDF : 28.7/28

In: -358.274+/-758.894 χ^2/NDF : 16.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1093.721+/-504.998 χ^2/NDF : 28.7/28

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1740.061+/-0.537 χ^2/NDF : 411938.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.440+/-0.478 χ^2/NDF : 377197.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

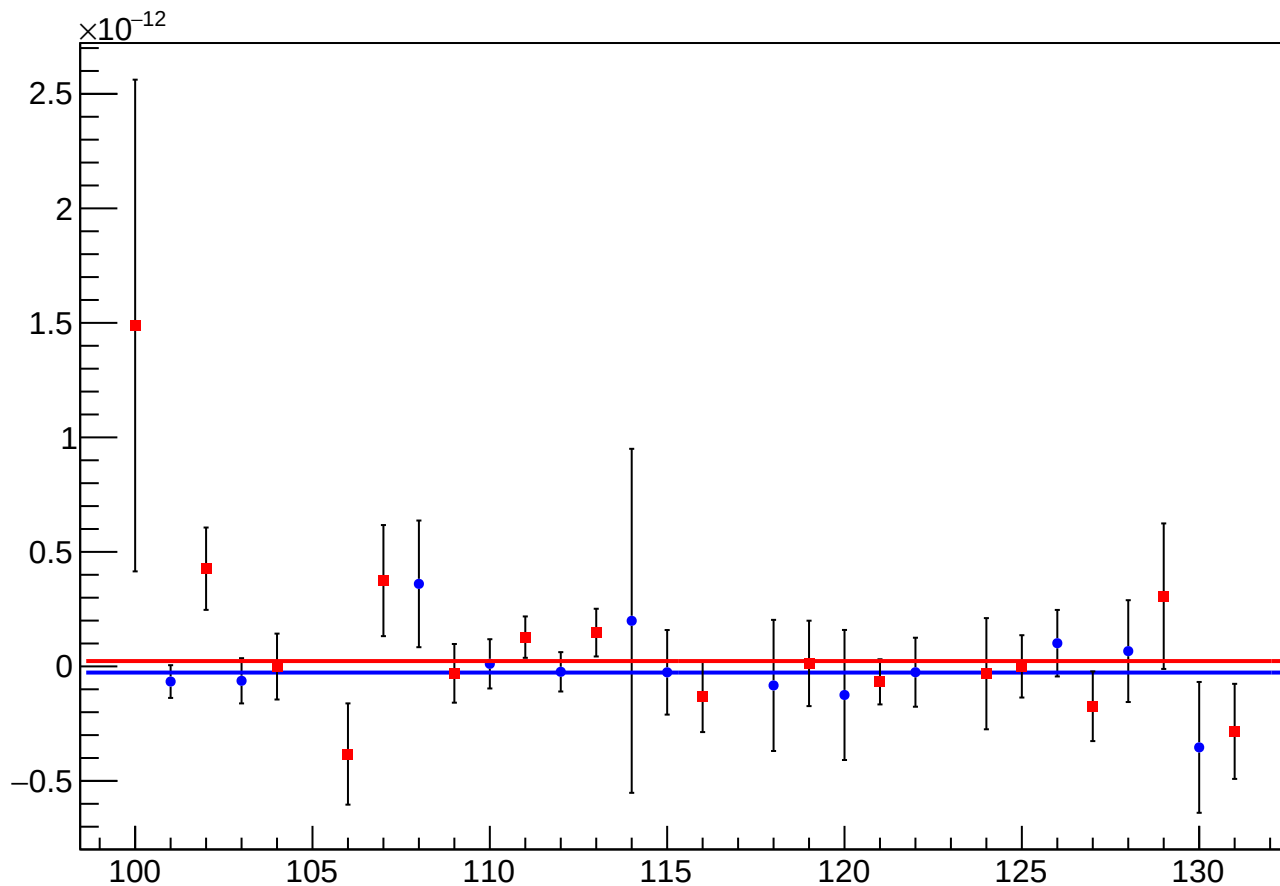
Right: 1697.926+/-0.357 χ^2/NDF : 800200.6/28

In: 1740.061+/-0.537 χ^2/NDF : 411938.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.926+/-0.357 χ^2/NDF : 800200.6/28

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 +/- 0.000 χ^2/NDF : 5.0/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 22.0/15

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

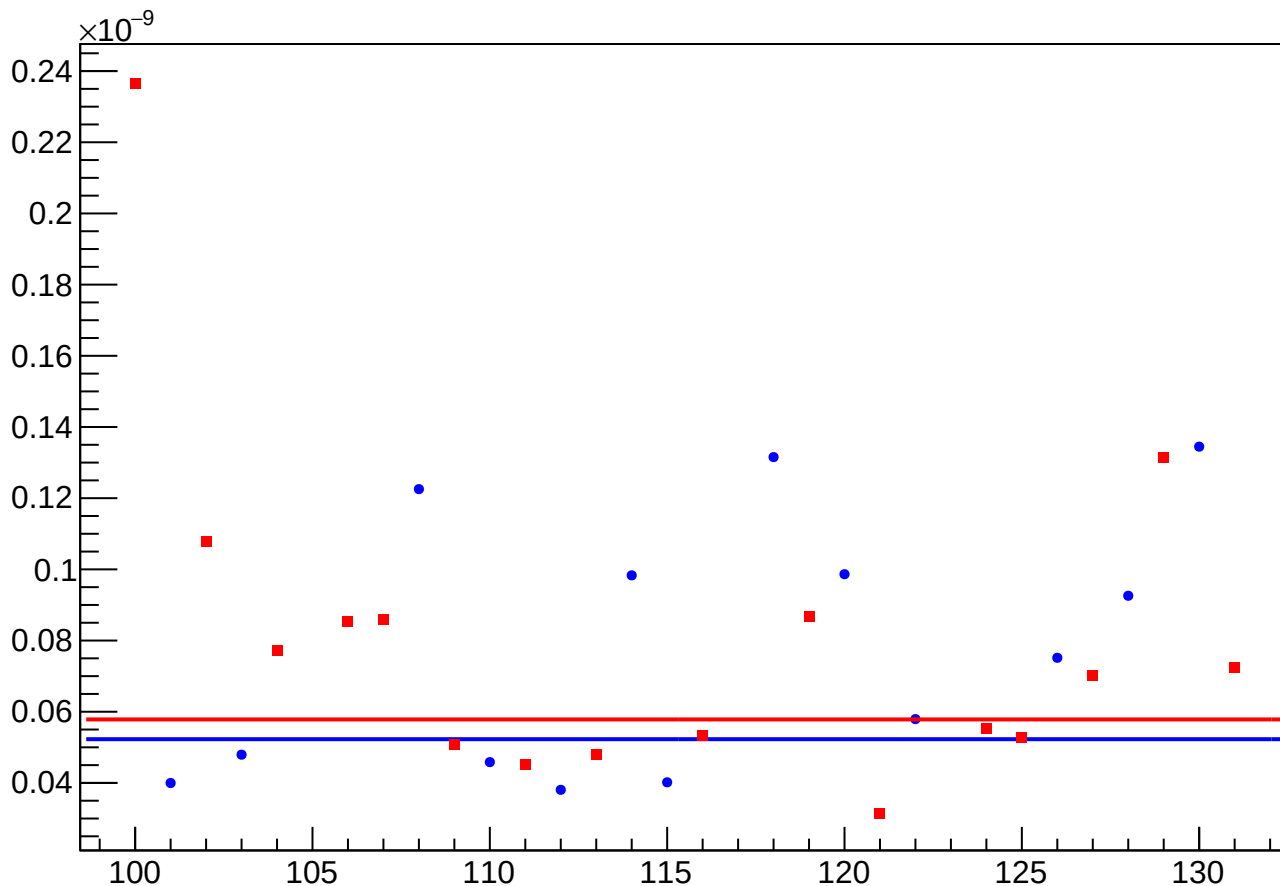
Right: -0.000 +/- 0.000 χ^2/NDF : 27.9/28

In: -0.000 +/- 0.000 χ^2/NDF : 5.0/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 27.9/28

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 760739.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693767.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

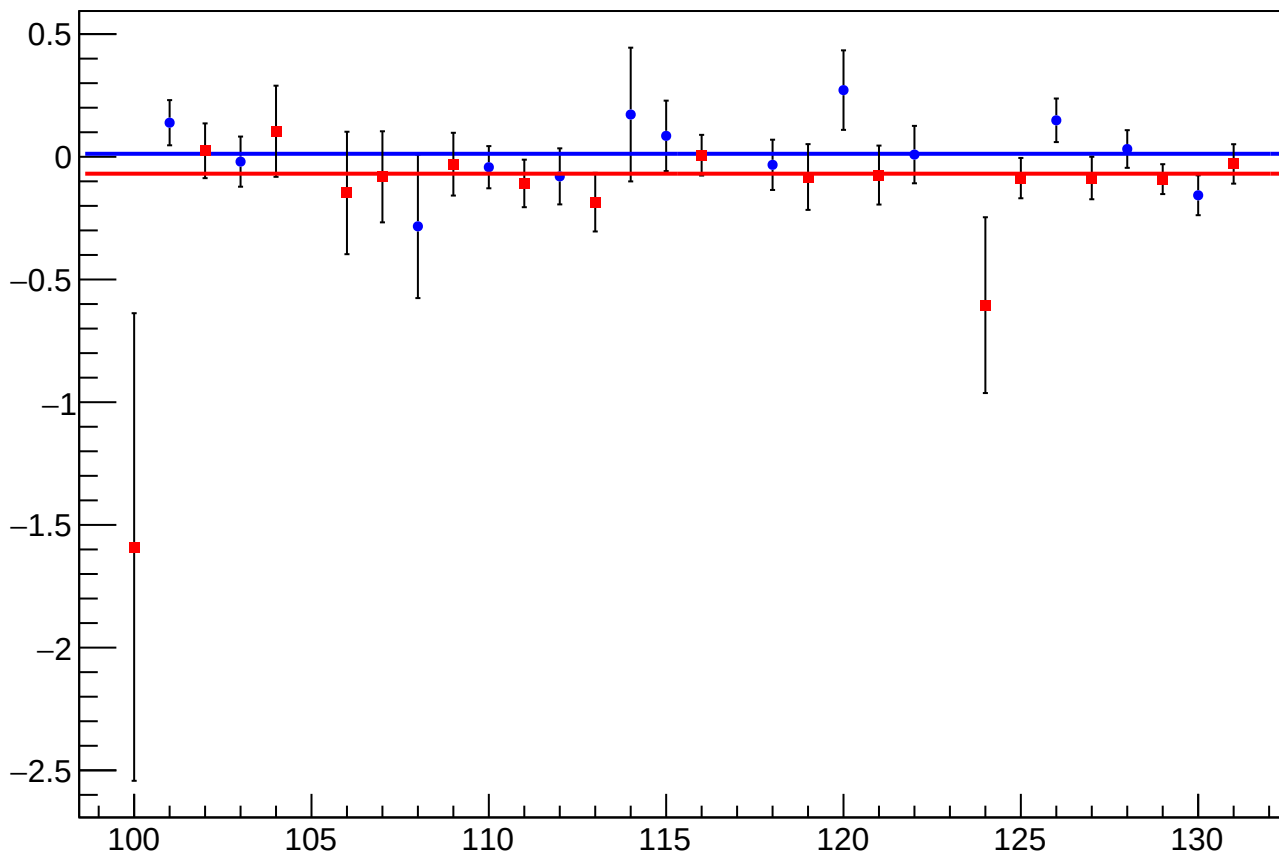
Right: 0.000+/-0.000 χ^2/NDF : 1476509.9/28

In: 0.000+/-0.000 χ^2/NDF : 760739.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1476509.9/28

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

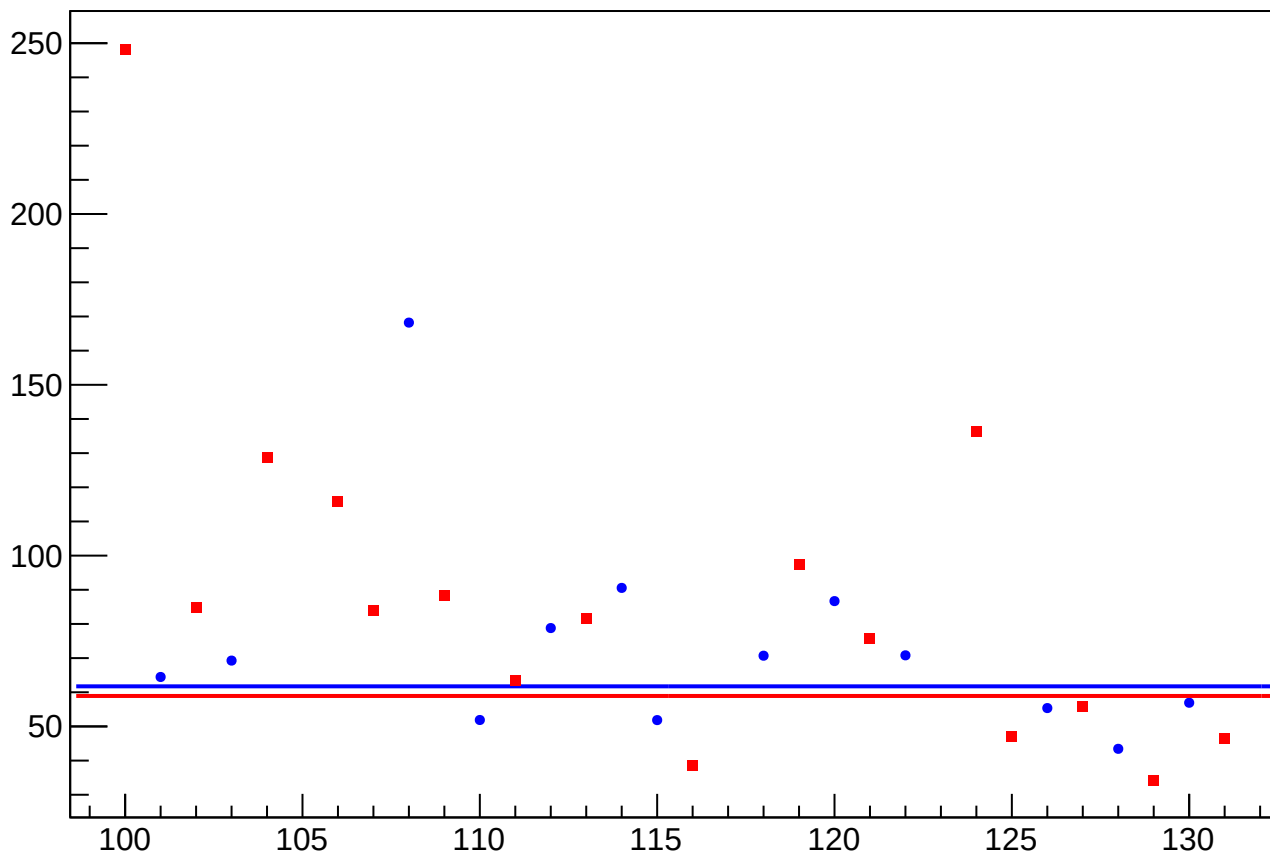
Right: -0.032 $\pm$ 0.020 χ^2 /NDF: 27.3/28

In: 0.012 $\pm$ 0.029 χ^2 /NDF:14.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.020 χ^2 /NDF: 27.3/28

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.737+/-0.021 χ^2/NDF : 586087.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.918+/-0.019 χ^2/NDF : 1633649.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

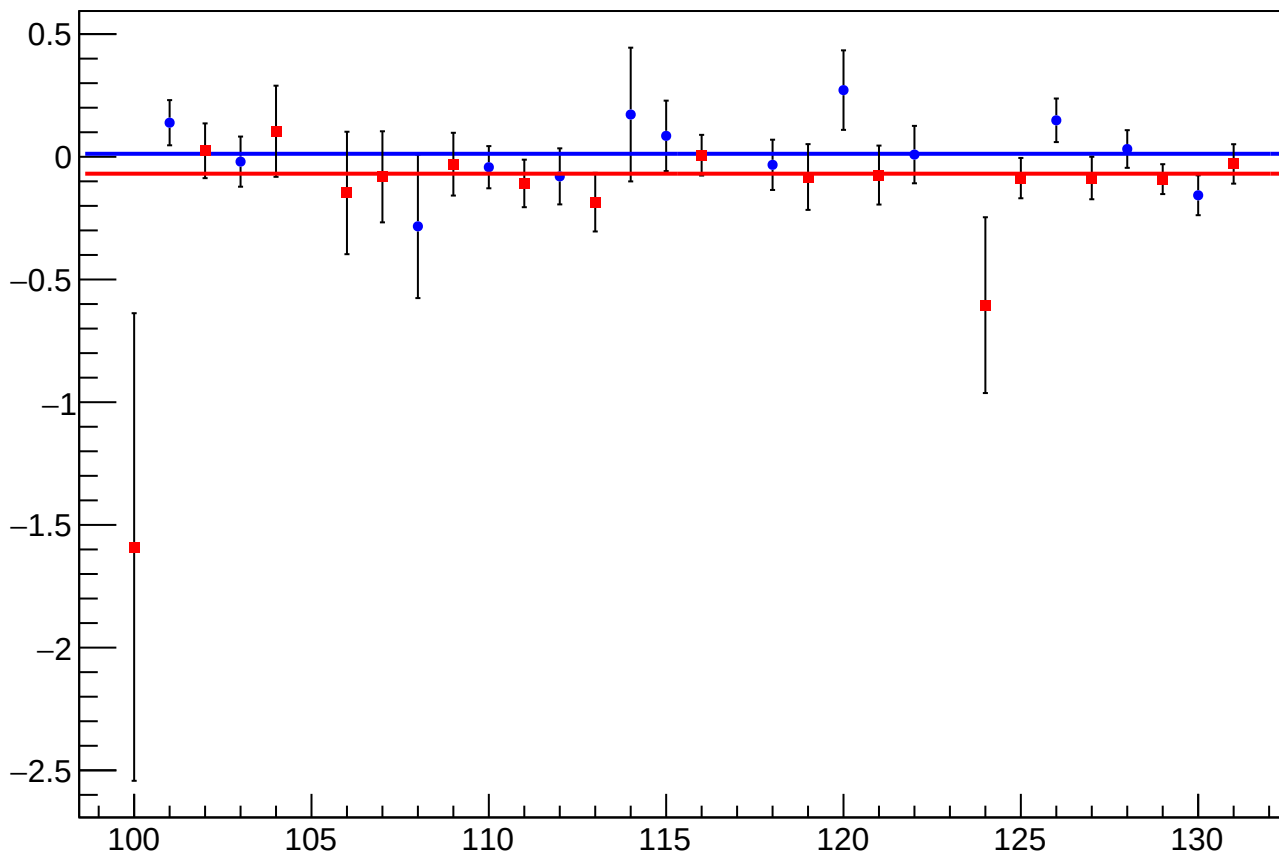
Right: 60.203+/-0.014 χ^2/NDF : 2229718.3/28

In: 61.737+/-0.021 χ^2/NDF : 586087.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.203+/-0.014 χ^2/NDF : 2229718.3/28

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

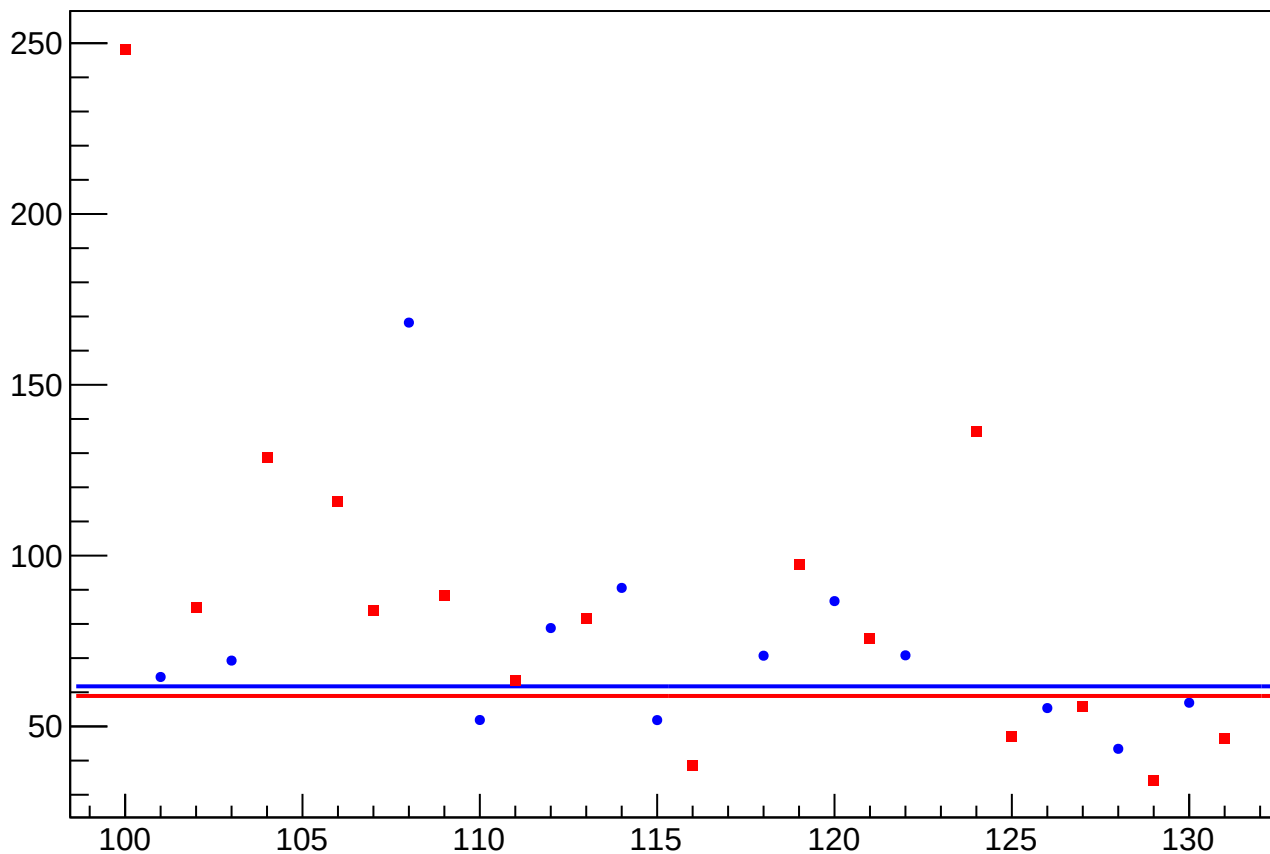
Right: -0.032 $\pm$ 0.020 χ^2 /NDF: 27.3/28

In: 0.012 $\pm$ 0.029 χ^2 /NDF:14.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.020 χ^2 /NDF: 27.3/28

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.737 $\pm$ 0.021 χ^2 /NDF: 586087.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.918 $\pm$ 0.019 χ^2 /NDF: 1633649.4/15

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

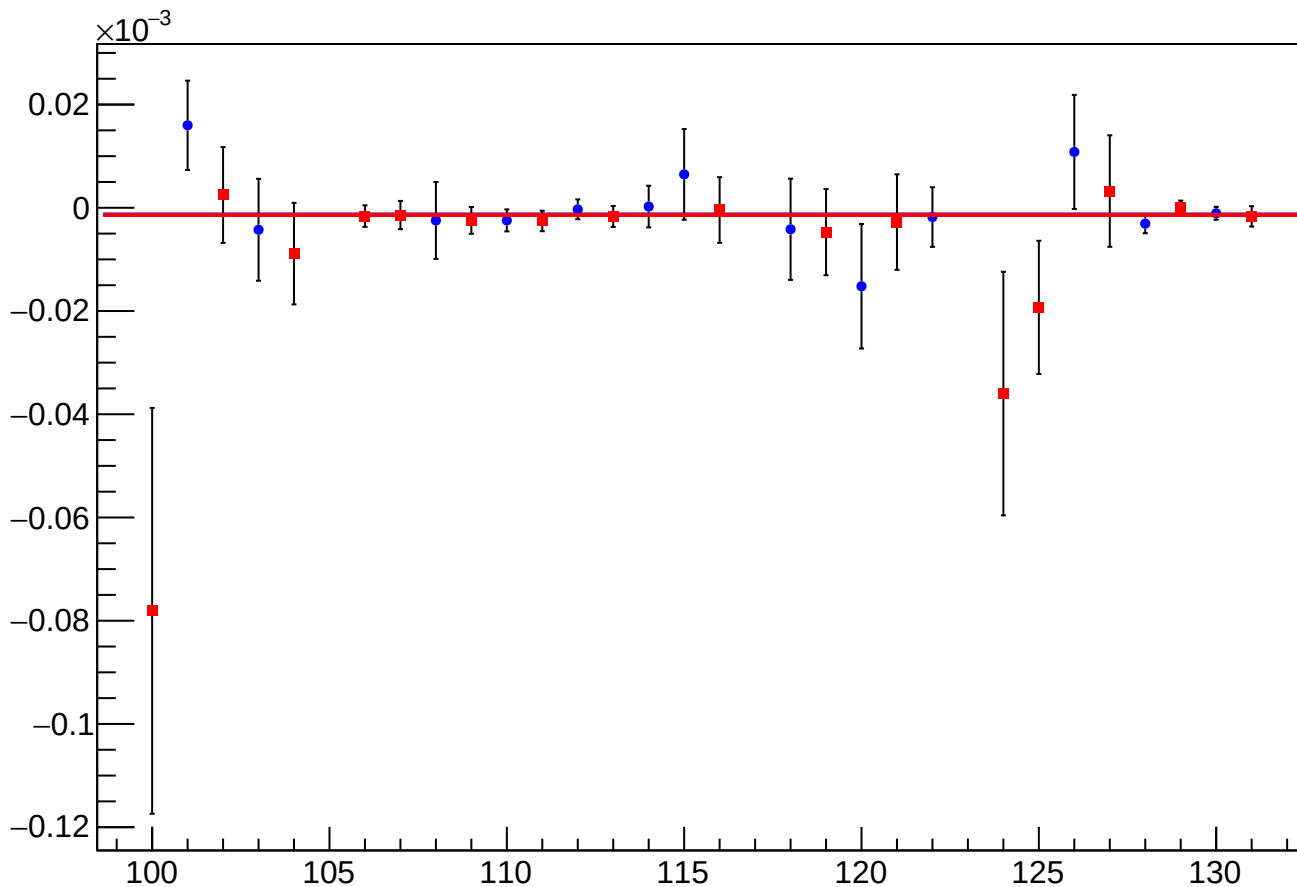
Right: 60.203 $\pm$ 0.014 χ^2 /NDF: 2229718.3/28

In: 61.737 $\pm$ 0.021 χ^2 /NDF:586087.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.203 $\pm$ 0.014 χ^2 /NDF: 2229718.3/28

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

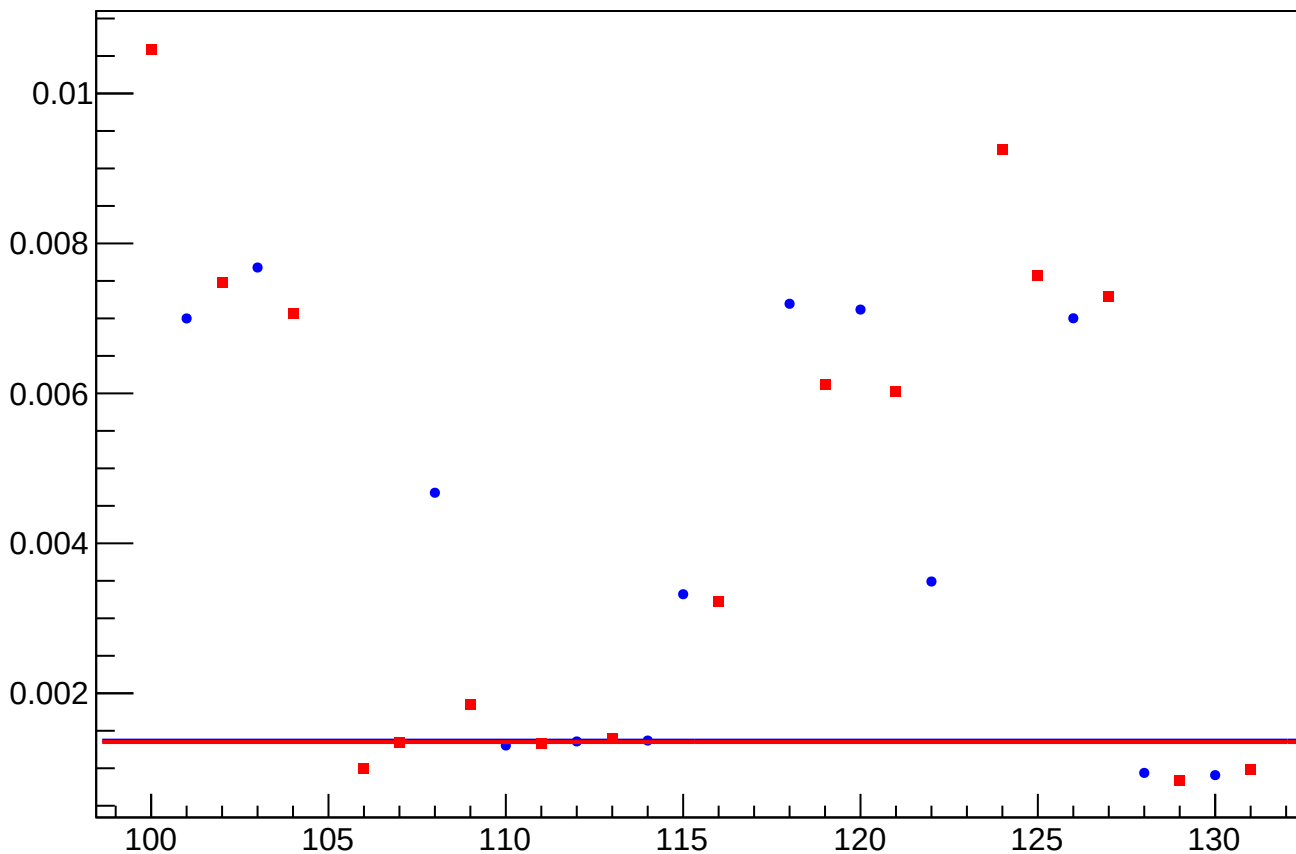
Right: -0.000+/-0.000 χ^2 /NDF: 20.1/28

In: -0.000+/-0.000 χ^2 /NDF:9.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.1/28

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4488265.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4812268.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

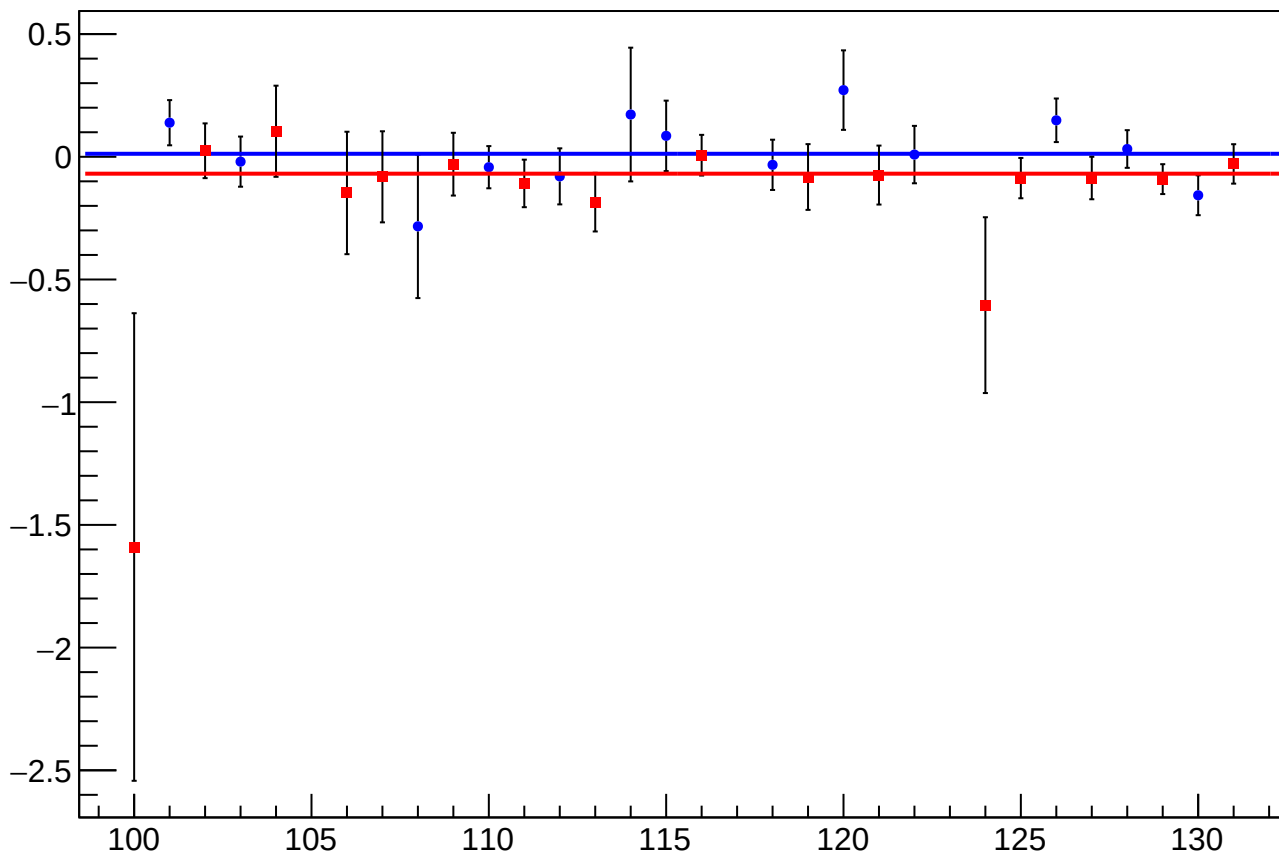
Right: 0.001+/-0.000 χ^2/NDF : 9301154.8/28

In: 0.001+/-0.000 χ^2/NDF :4488265.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9301154.8/28

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

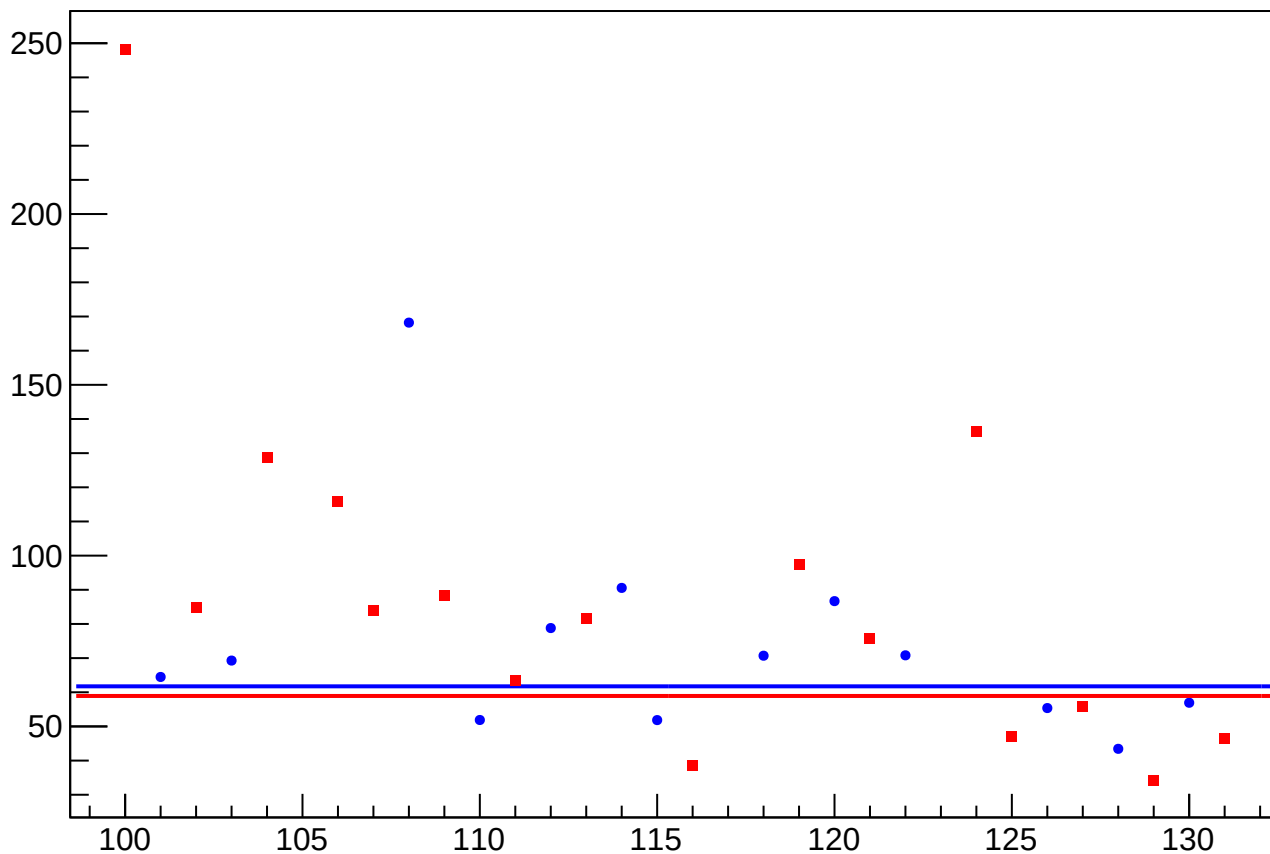
Right: -0.032 $\pm$ 0.020 χ^2 /NDF: 27.3/28

In: 0.012 $\pm$ 0.029 χ^2 /NDF:14.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.020 χ^2 /NDF: 27.3/28

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.739 $\pm$ 0.021 χ^2 /NDF: 586100.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.919 $\pm$ 0.019 χ^2 /NDF: 1633718.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

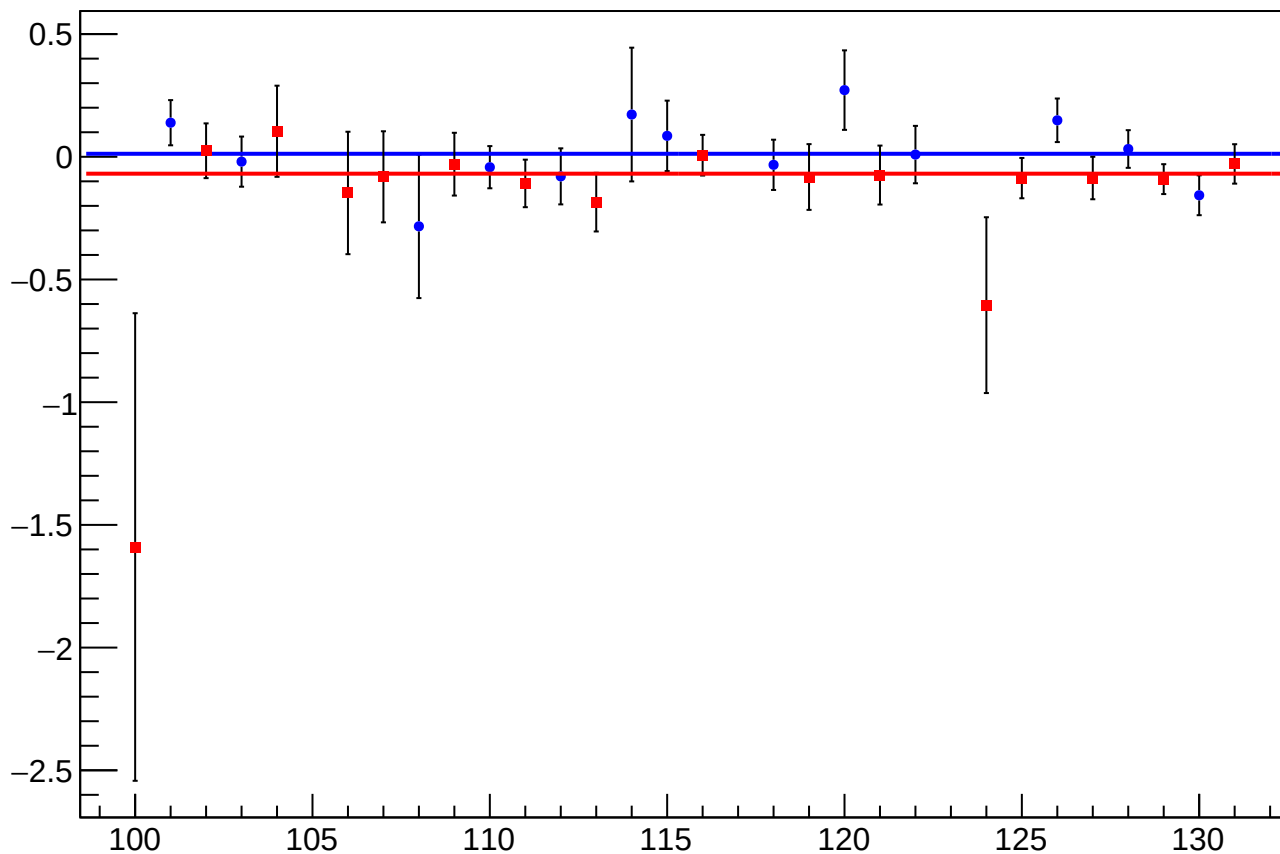
Right: 60.204 $\pm$ 0.014 χ^2 /NDF: 2229806.5/28

In: 61.739 $\pm$ 0.021 χ^2 /NDF:586100.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.204 $\pm$ 0.014 χ^2 /NDF: 2229806.5/28

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.029 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.027 χ^2/NDF : 9.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

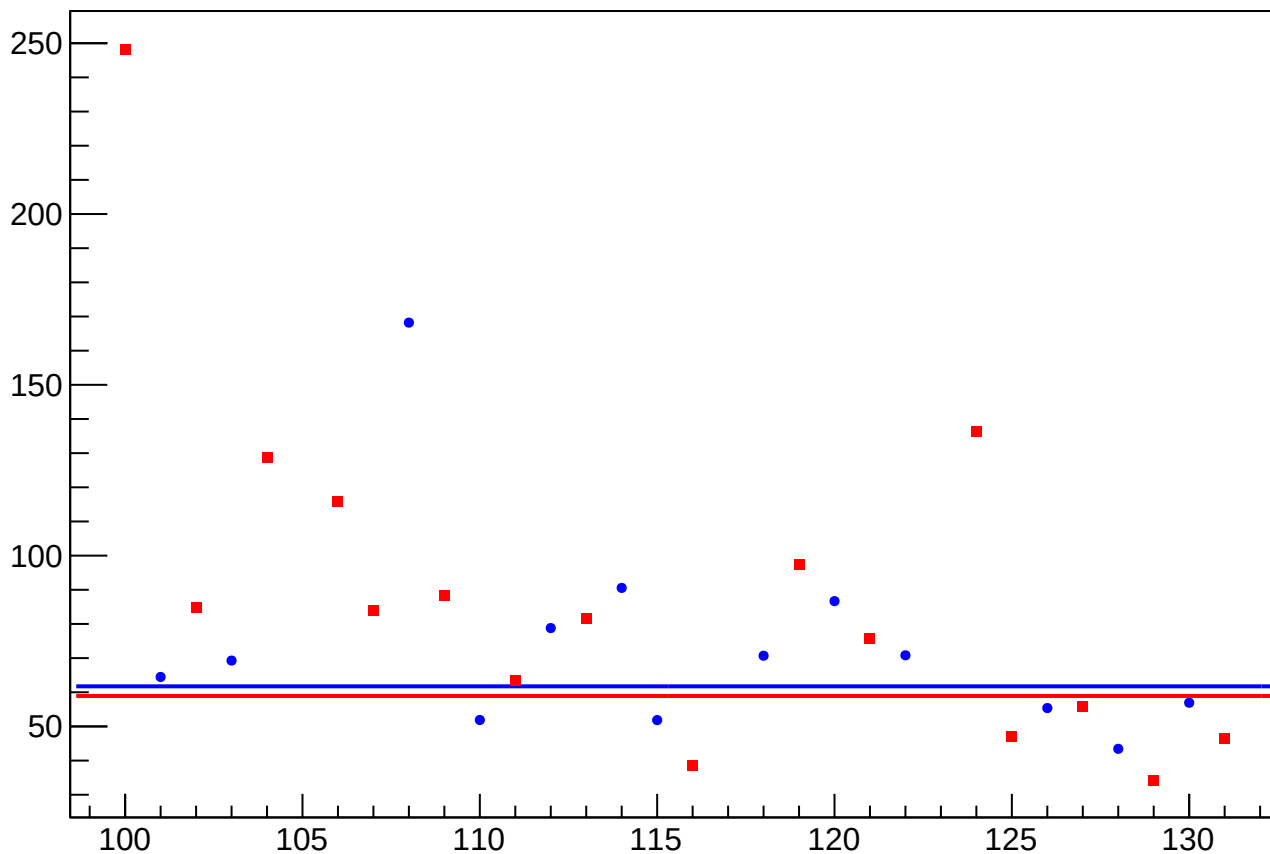
Right: -0.032+/-0.020 χ^2/NDF : 27.3/28

In: 0.012+/-0.029 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.020 χ^2/NDF : 27.3/28

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.919+/-0.019 χ^2/NDF : 1633718.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

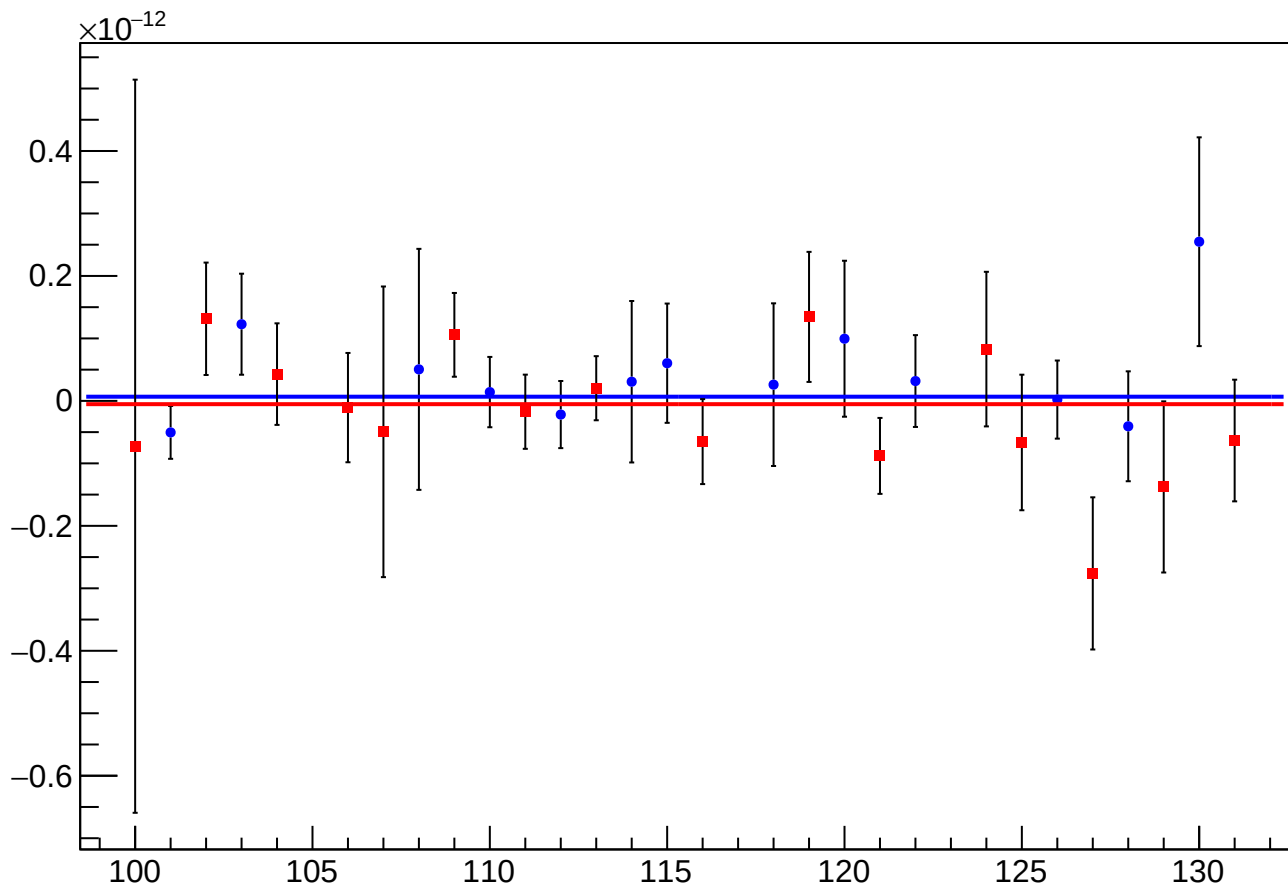
Right: 60.204+/-0.014 χ^2/NDF : 2229806.5/28

In: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.204+/-0.014 χ^2/NDF : 2229806.5/28

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

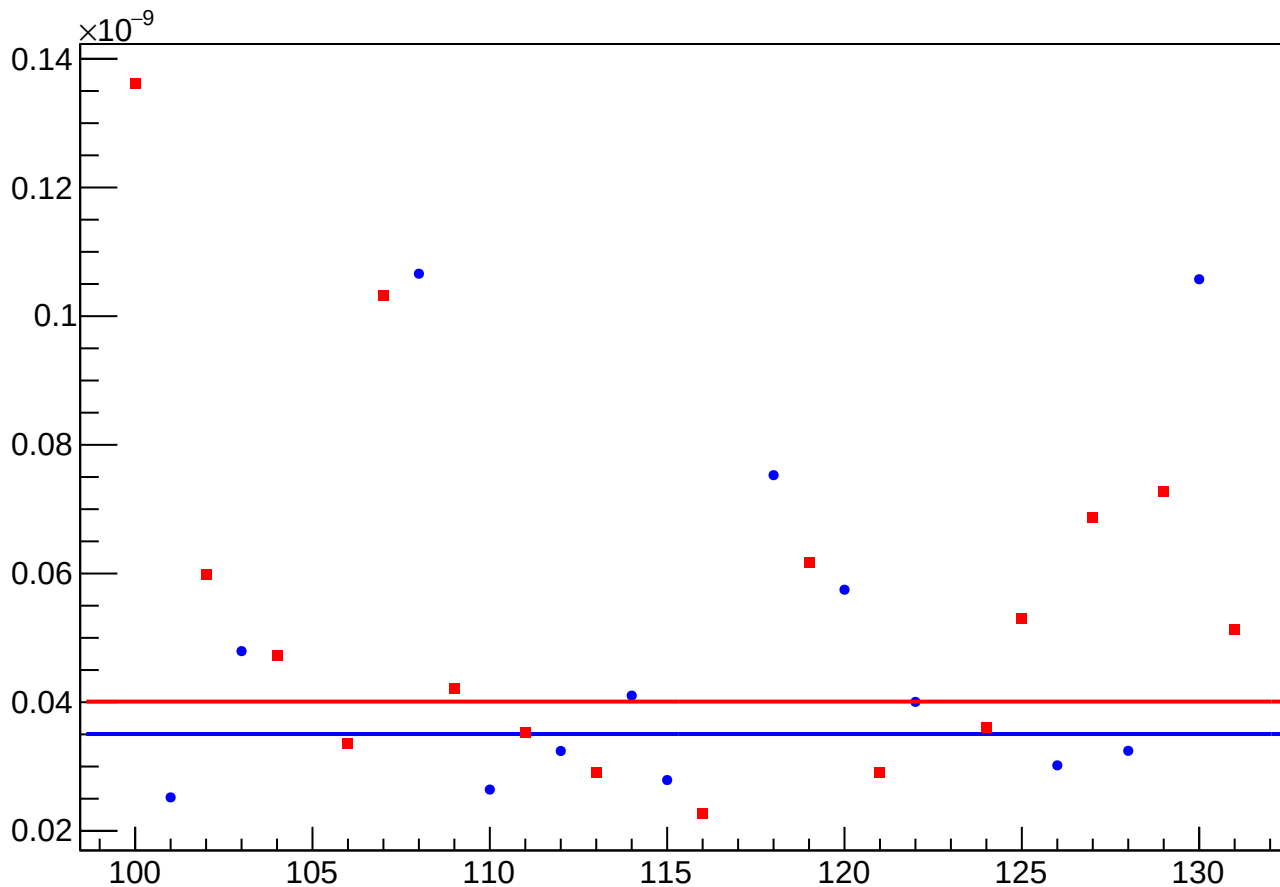
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/28

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1138551.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 994348.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

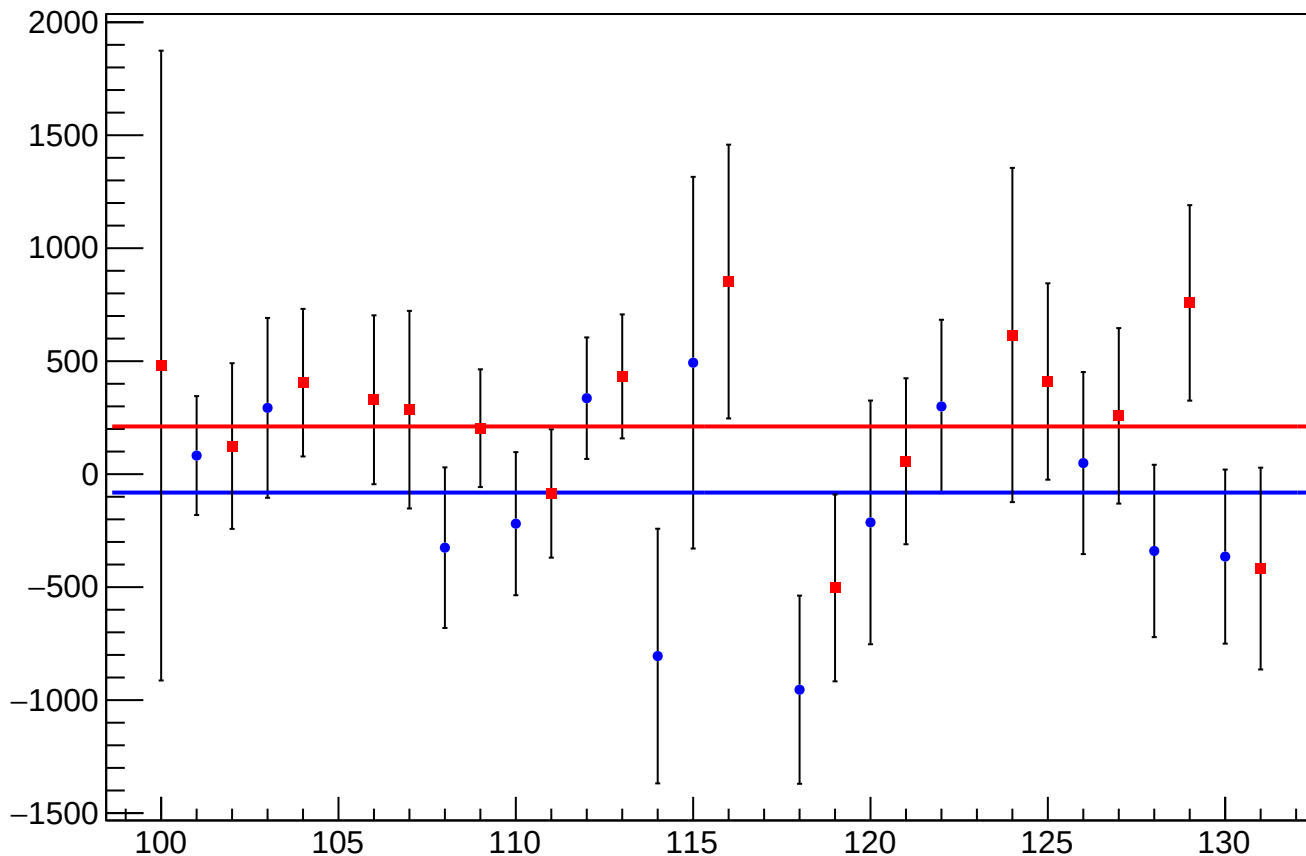
Right: 0.000+/-0.000 χ^2/NDF : 2190901.0/28

In: 0.000+/-0.000 χ^2/NDF : 1138551.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2190901.0/28

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -81.476+/-103.769 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.077+/-95.247 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

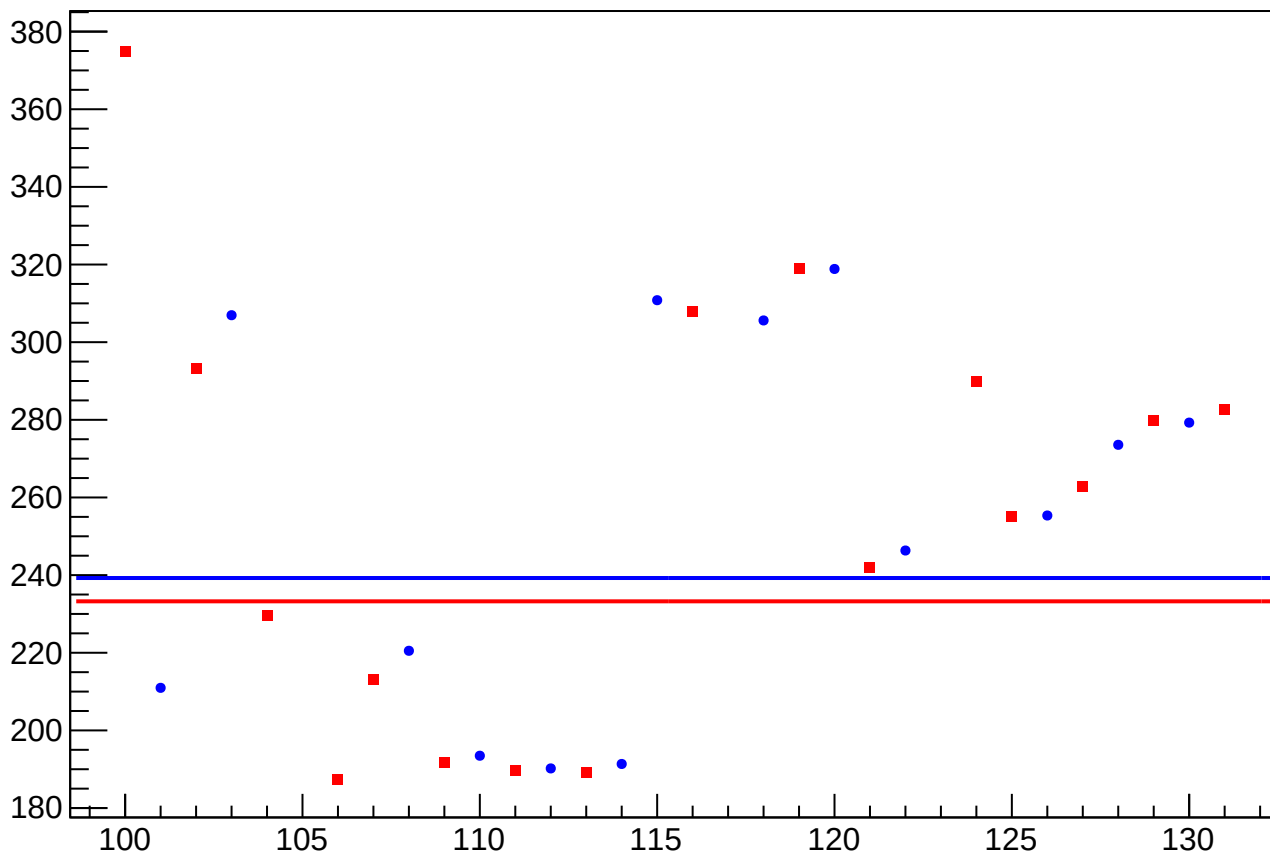
Right: 77.305+/-70.169 χ^2/NDF : 28.0/28

In: -81.476+/-103.769 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.305+/-70.169 χ^2/NDF : 28.0/28

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.255+/-0.073 χ^2/NDF : 360435.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.249+/-0.067 χ^2/NDF : 451738.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

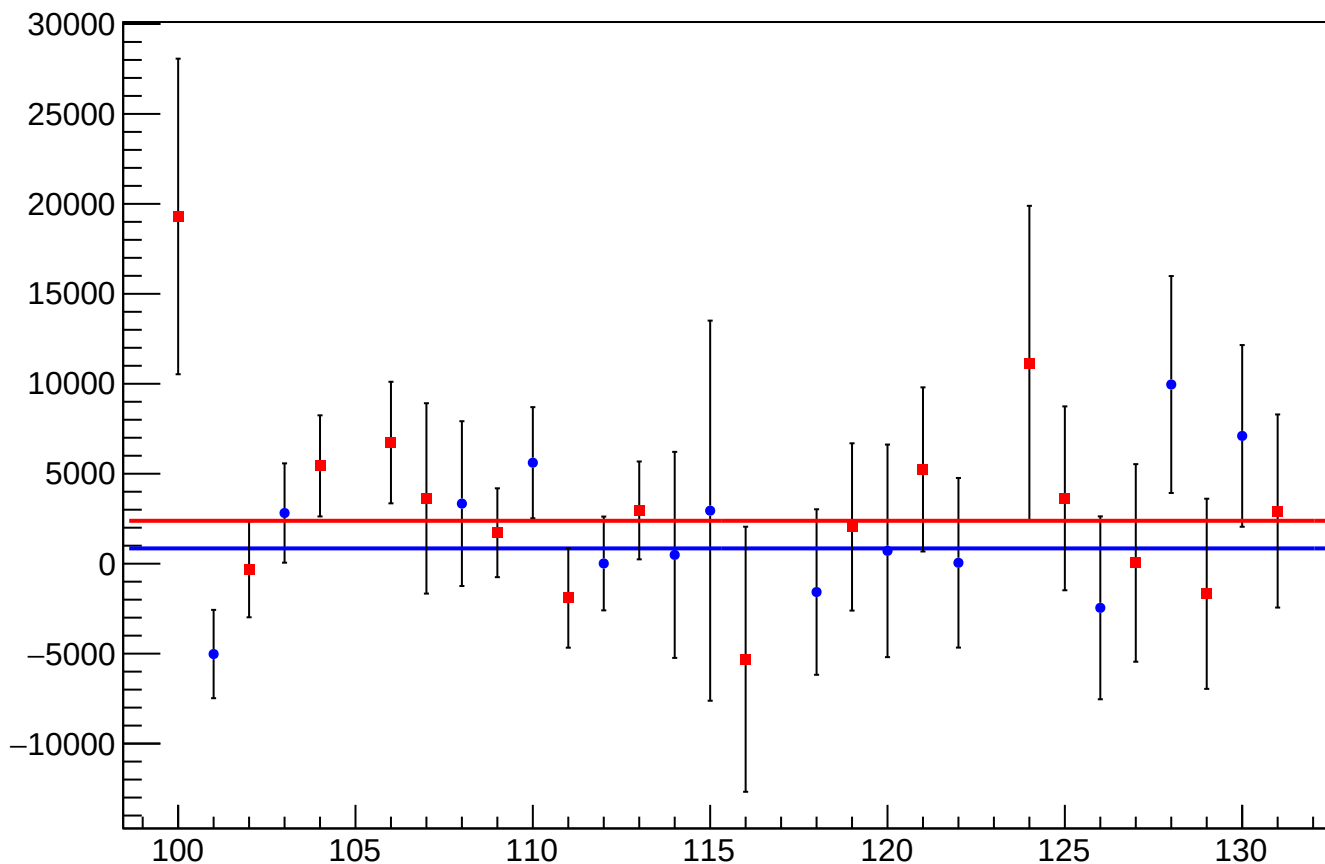
Right: 235.995+/-0.050 χ^2/NDF : 815810.6/28

In: 239.255+/-0.073 χ^2/NDF : 360435.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.995+/-0.050 χ^2/NDF : 815810.6/28

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 849.065+/-1076.684 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2384.195+/-953.085 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

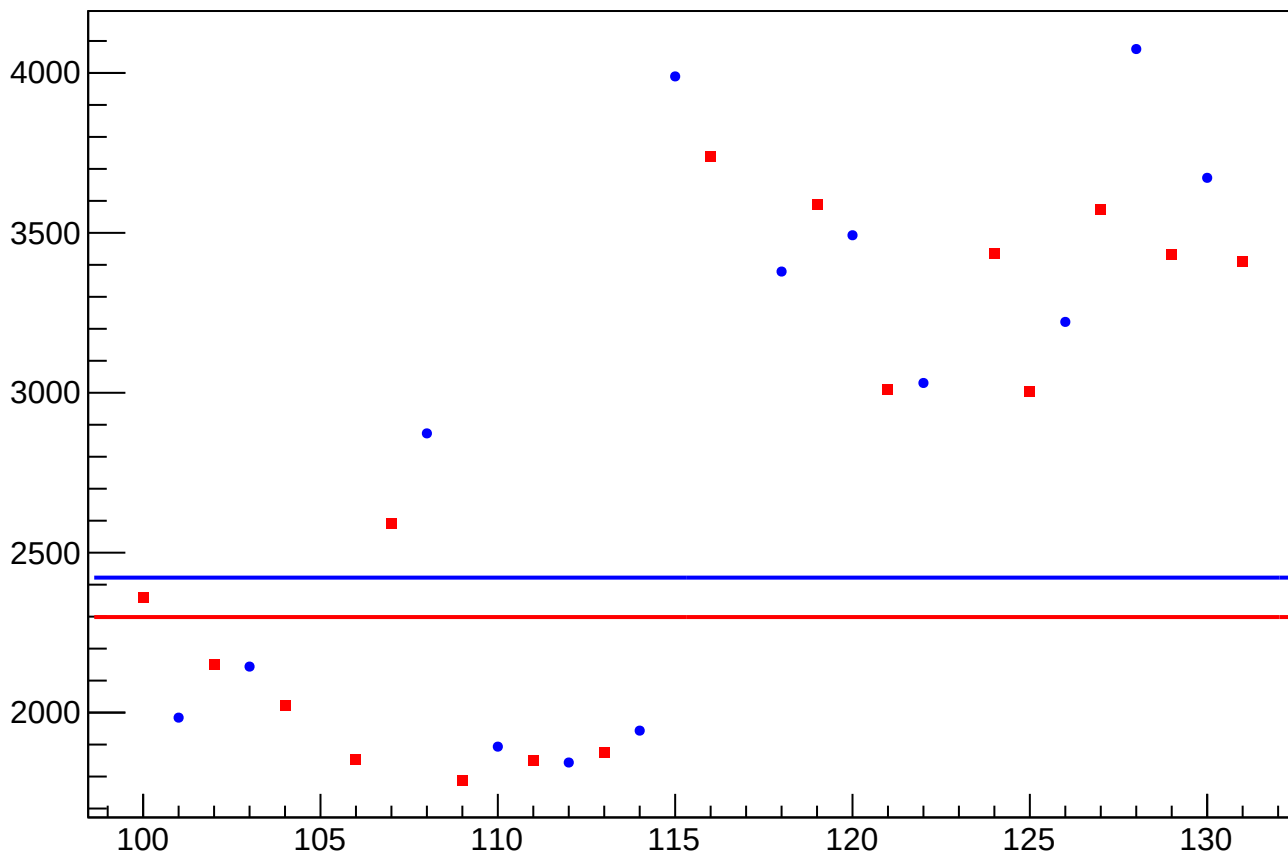
Right: 1709.763+/-713.649 χ^2/NDF : 28.2/28

In: 849.065+/-1076.684 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1709.763+/-713.649 χ^2/NDF : 28.2/28

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2422.002+/-0.761 χ^2/NDF : 826115.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2298.689+/-0.674 χ^2/NDF : 889208.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

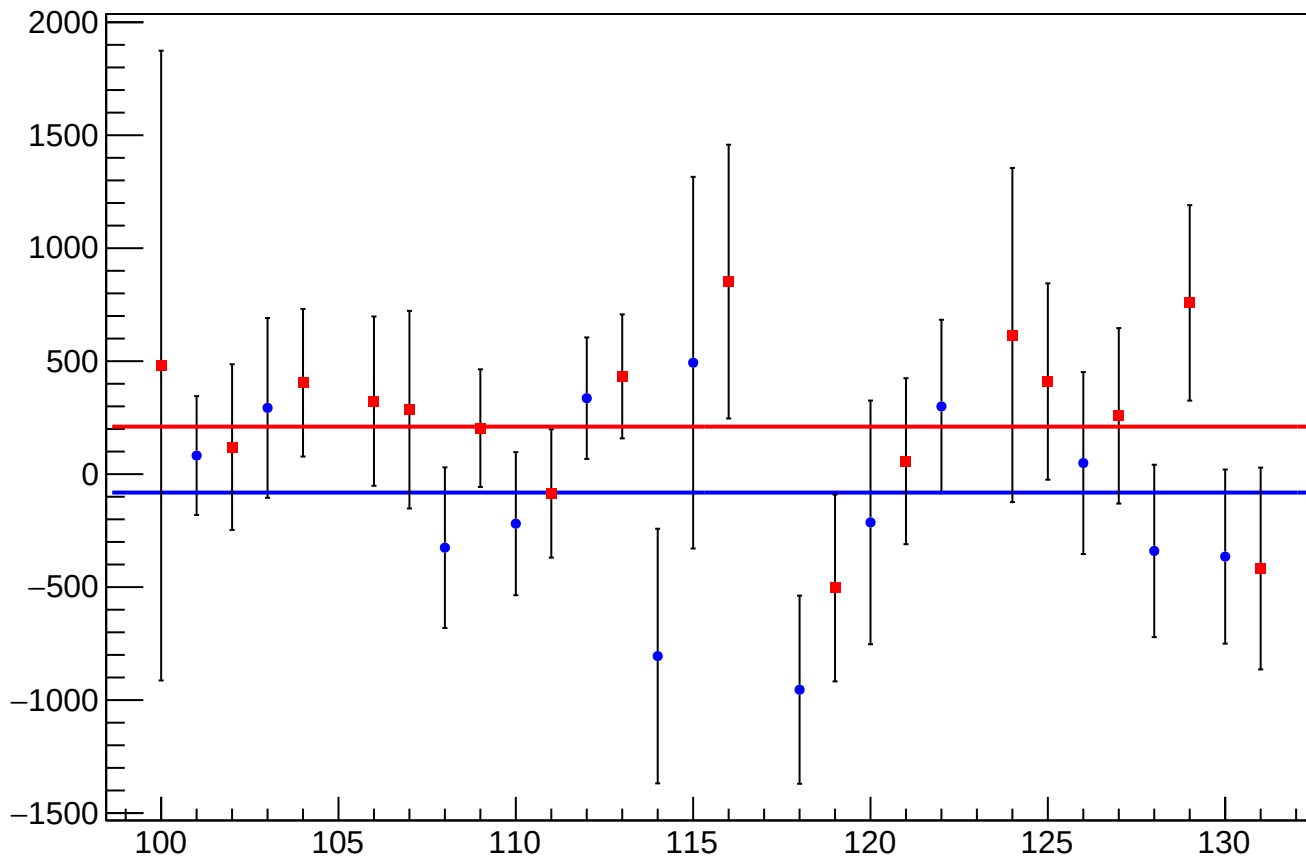
Right: 2352.865+/-0.505 χ^2/NDF : 1730032.8/28

In: 2422.002+/-0.761 χ^2/NDF : 826115.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.865+/-0.505 χ^2/NDF : 1730032.8/28

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -81.510 ± 103.769 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 210.302 ± 95.264 χ^2/NDF : 10.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

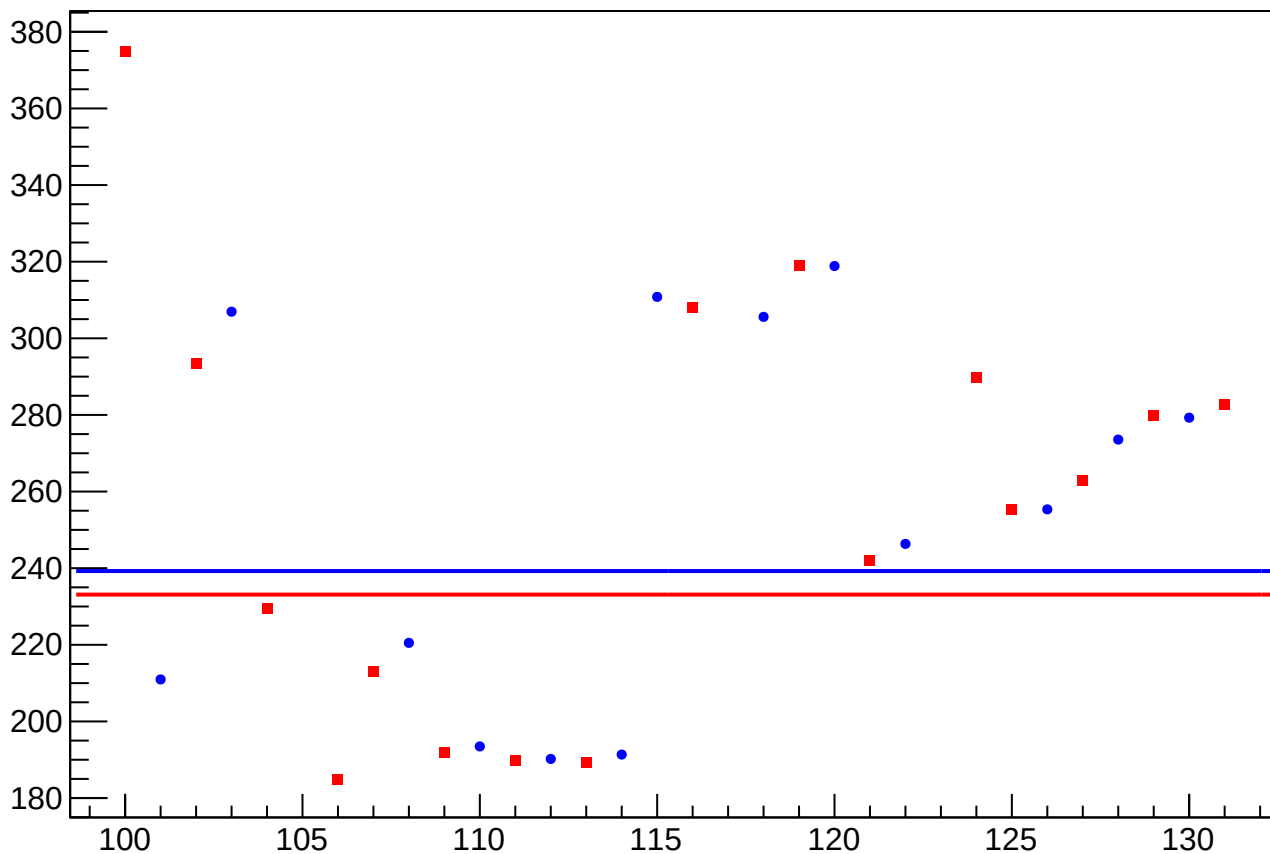
Right: 76.843 ± 70.176 χ^2/NDF : 28.0/28

In: -81.510 ± 103.769 χ^2/NDF : 13.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 76.843 ± 70.176 χ^2/NDF : 28.0/28

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.105+/-0.067 χ^2/NDF : 455159.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

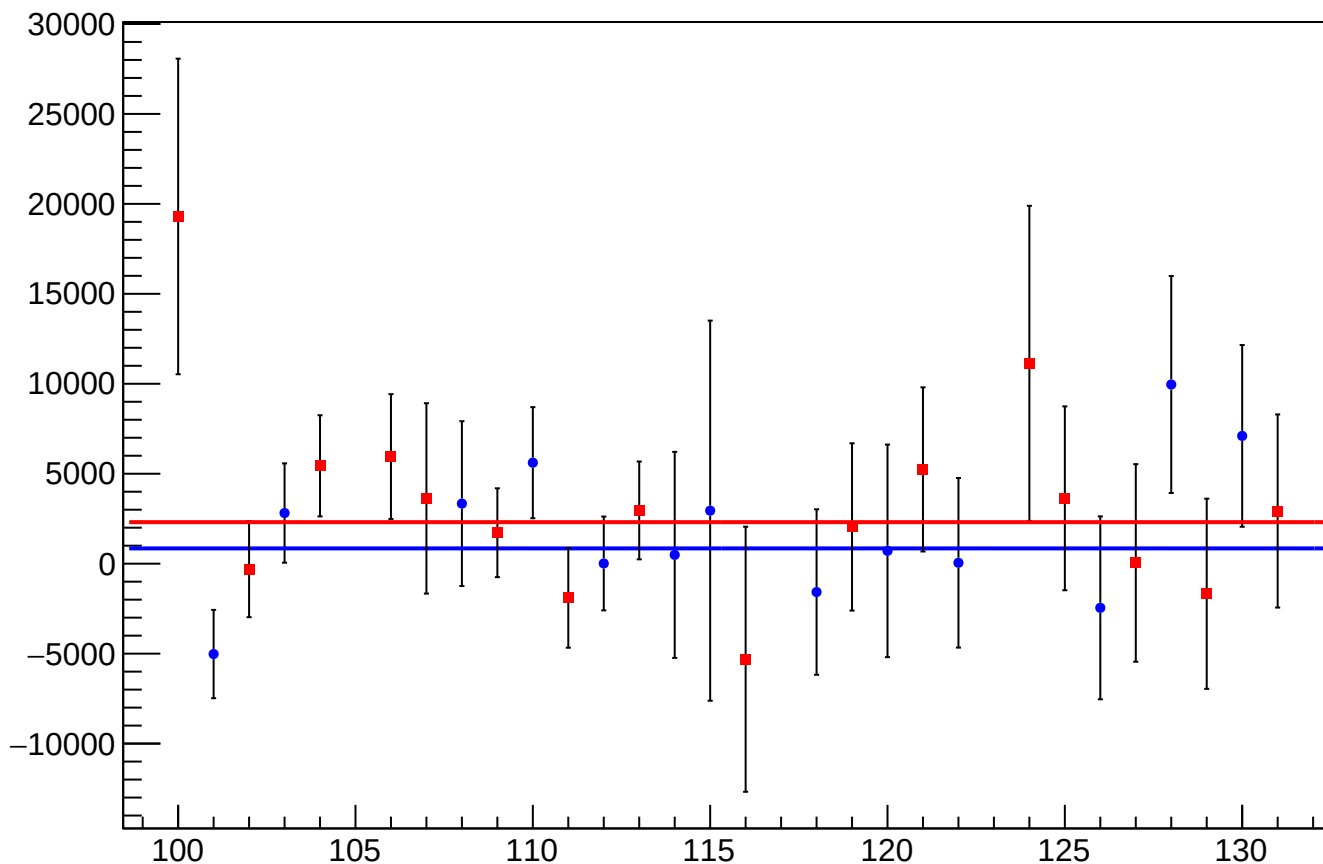
Right: 235.918+/-0.050 χ^2/NDF : 819409.2/28

In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.918+/-0.050 χ^2/NDF : 819409.2/28

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2308.537+/-955.134 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

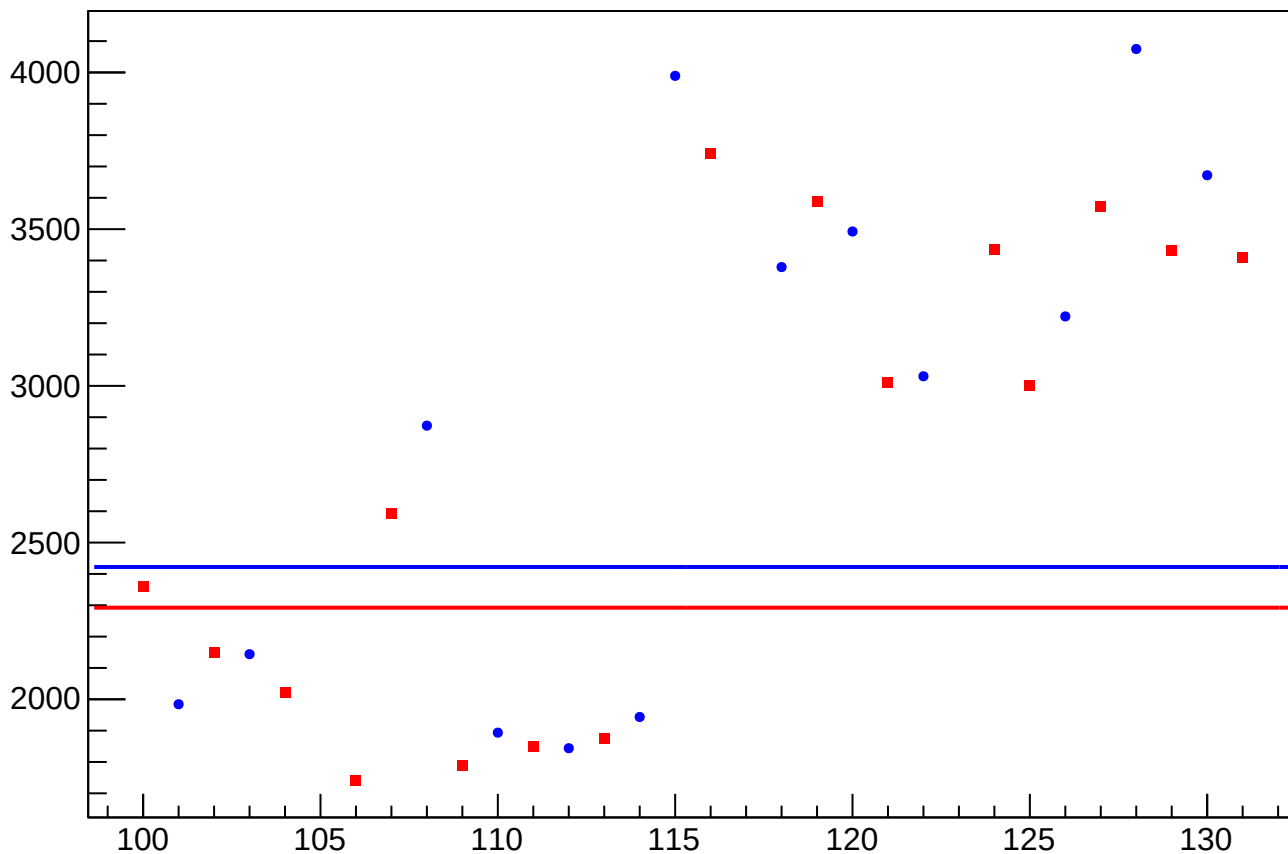
Right: 1665.718+/-714.511 χ^2/NDF : 27.5/28

In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.718+/-714.511 χ^2/NDF : 27.5/28

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2292.233+/-0.675 χ^2/NDF : 905772.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

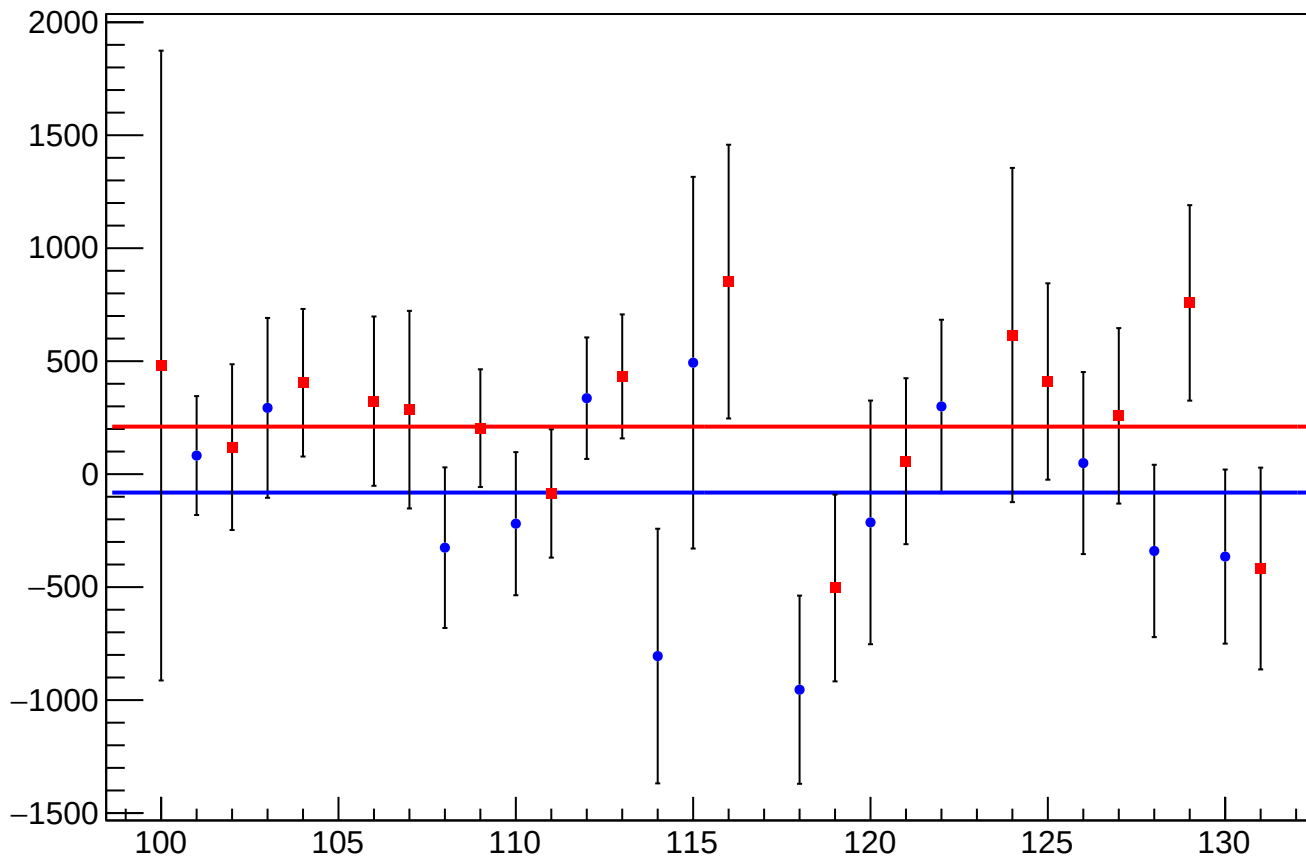
Right: 2349.395+/-0.505 χ^2/NDF : 1748127.4/28

In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.395+/-0.505 χ^2/NDF : 1748127.4/28

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -81.510 ± 103.769 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 210.302 ± 95.264 χ^2/NDF : 10.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

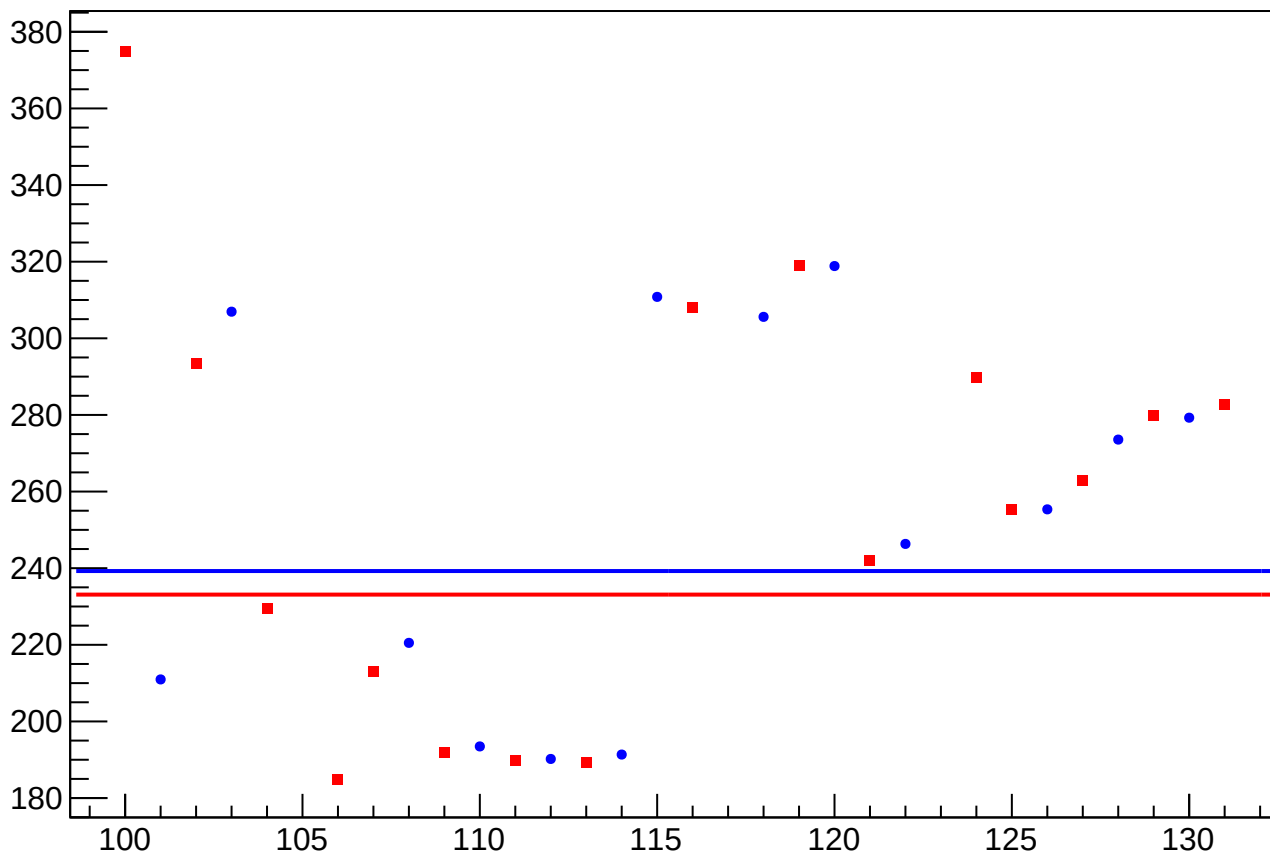
Right: 76.843 ± 70.176 χ^2/NDF : 28.0/28

In: -81.510 ± 103.769 χ^2/NDF : 13.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 76.843 ± 70.176 χ^2/NDF : 28.0/28

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.105+/-0.067 χ^2/NDF : 455159.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

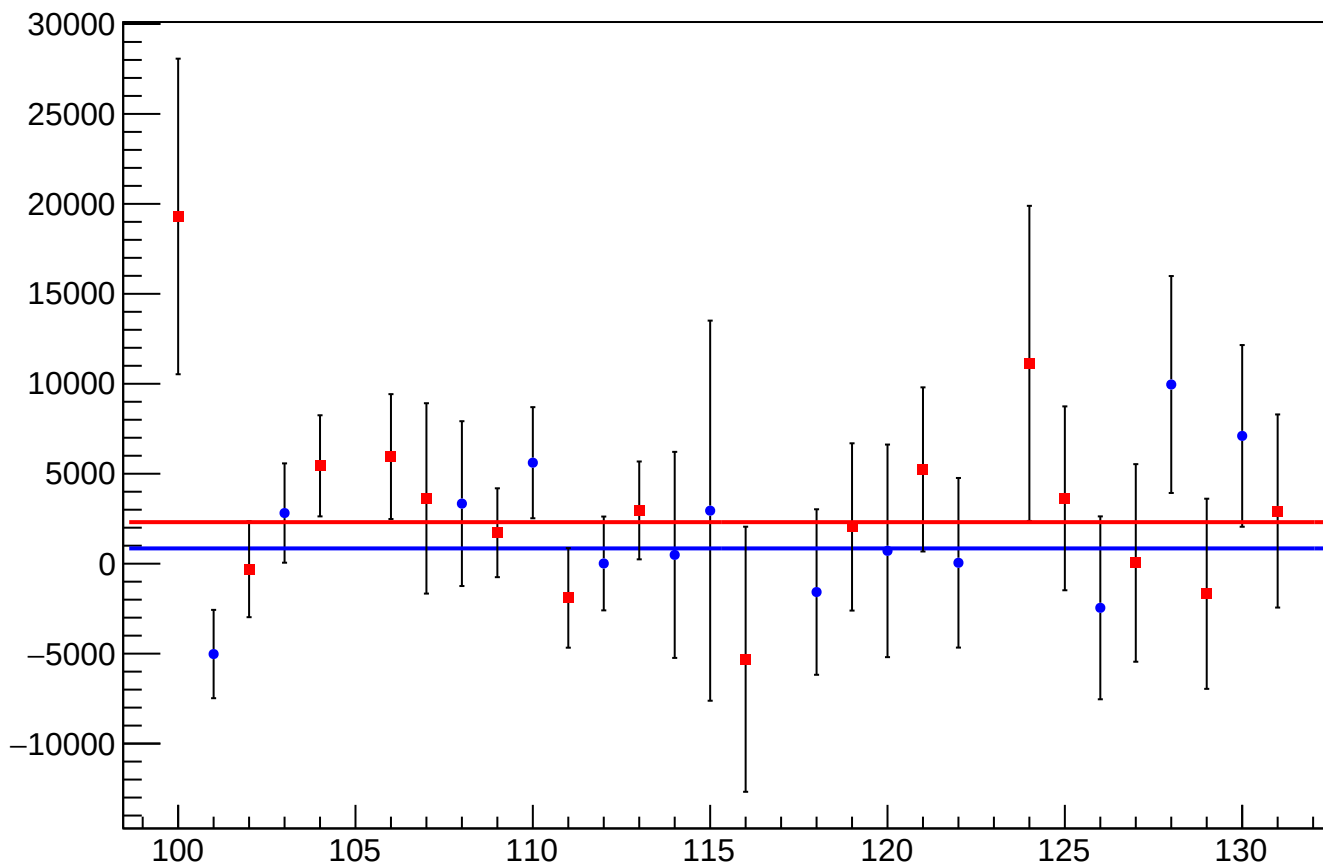
Right: 235.918+/-0.050 χ^2/NDF : 819409.2/28

In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.918+/-0.050 χ^2/NDF : 819409.2/28

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2308.537+/-955.134 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

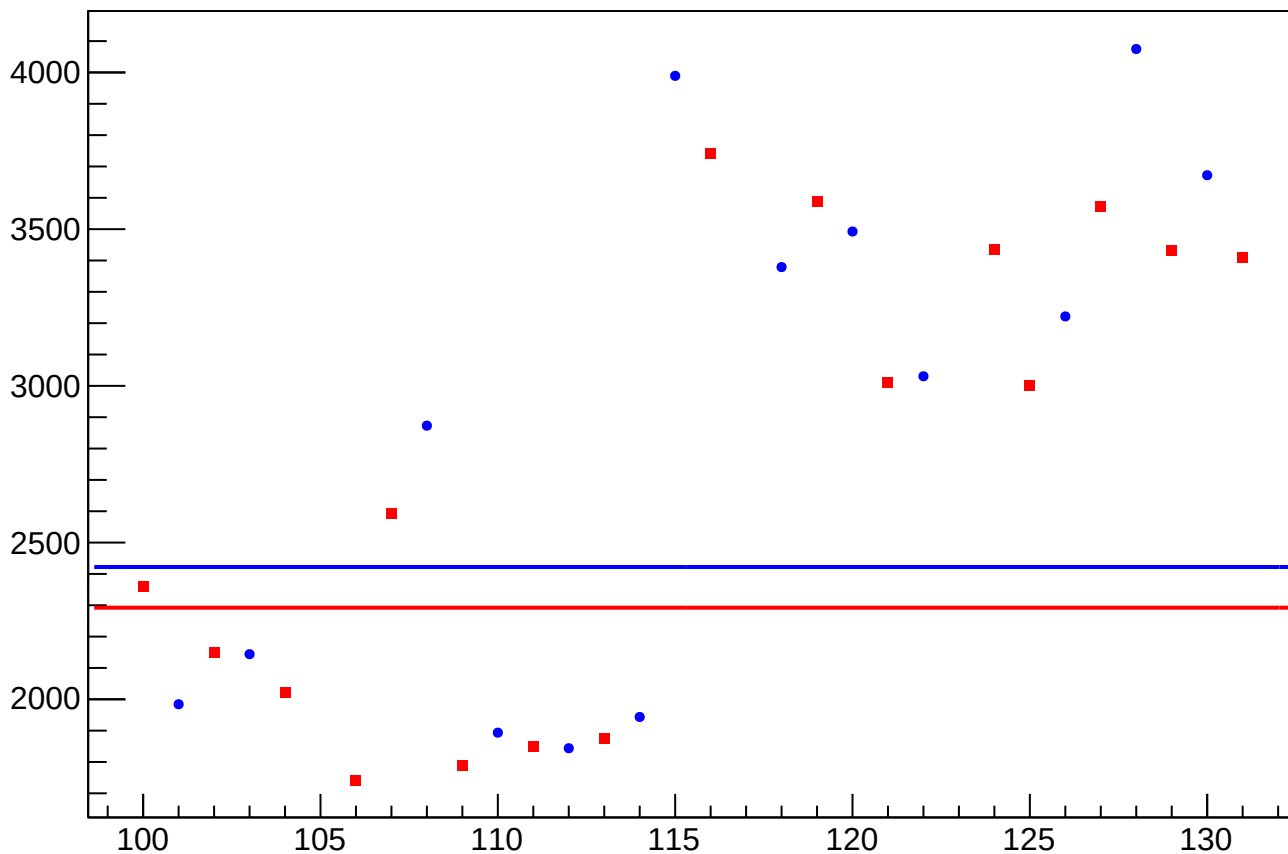
Right: 1665.718+/-714.511 χ^2/NDF : 27.5/28

In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.718+/-714.511 χ^2/NDF : 27.5/28

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2292.233+/-0.675 χ^2/NDF : 905772.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

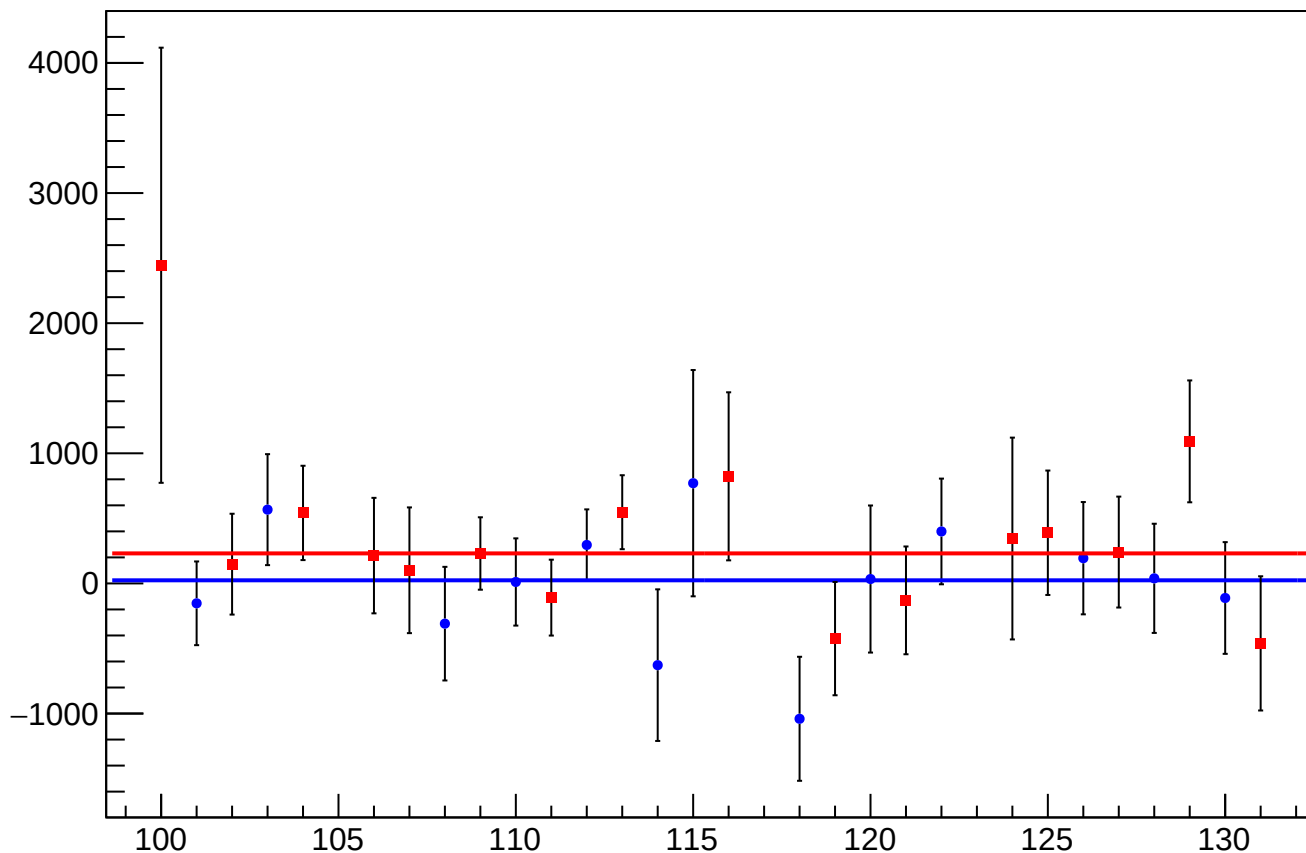
Right: 2349.395+/-0.505 χ^2/NDF : 1748127.4/28

In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.395+/-0.505 χ^2/NDF : 1748127.4/28

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.770+/-102.912 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

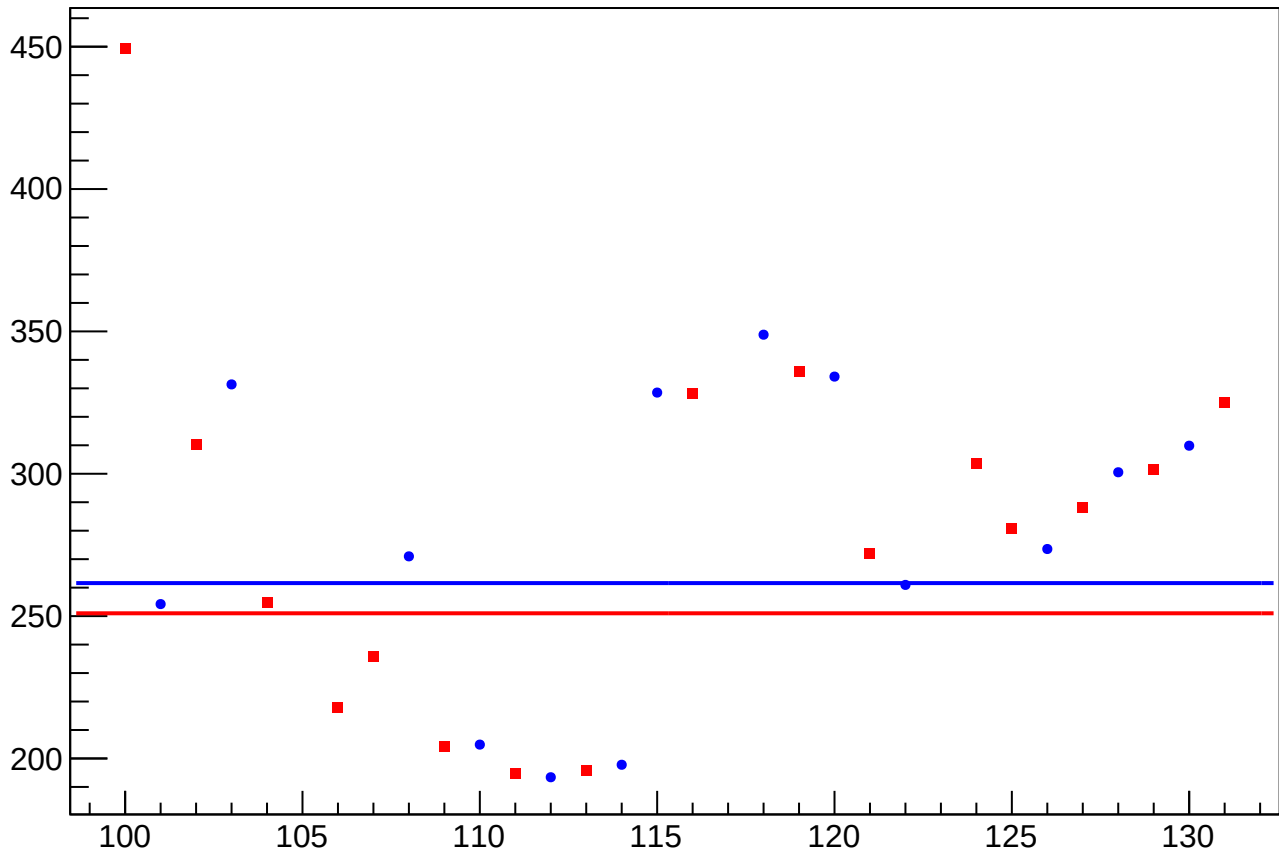
Right: 137.831+/-76.371 χ^2/NDF : 27.8/28

In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.831+/-76.371 χ^2/NDF : 27.8/28

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 261.597 $\pm$ 0.081 χ^2 /NDF: 417080.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 250.990 $\pm$ 0.073 χ^2 /NDF: 501491.5/15

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

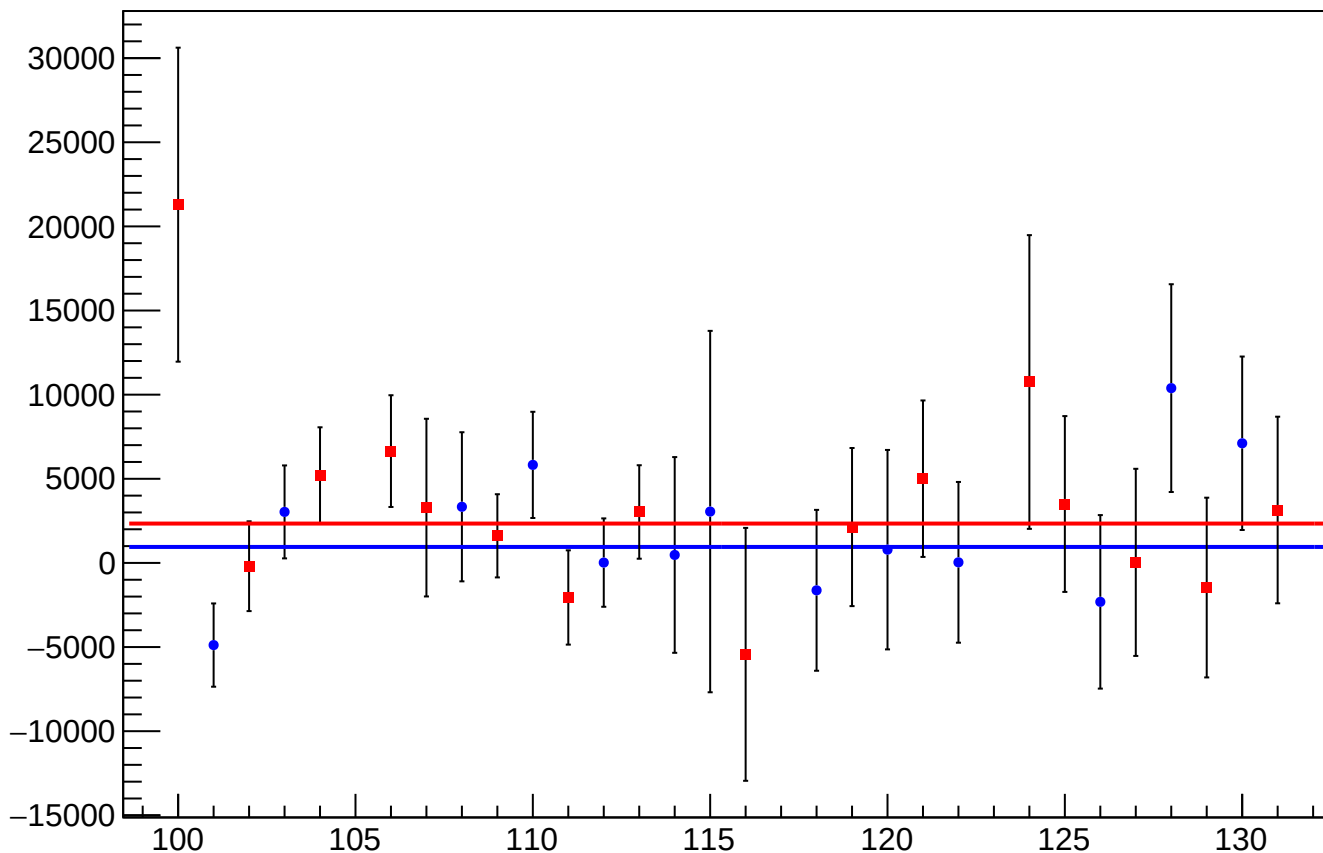
Right: 255.756 $\pm$ 0.054 χ^2 /NDF: 928118.1/28

In: 261.597 $\pm$ 0.081 χ^2 /NDF:417080.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 255.756 $\pm$ 0.054 χ^2 /NDF: 928118.1/28

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.082+/-961.535 χ^2/NDF : 13.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

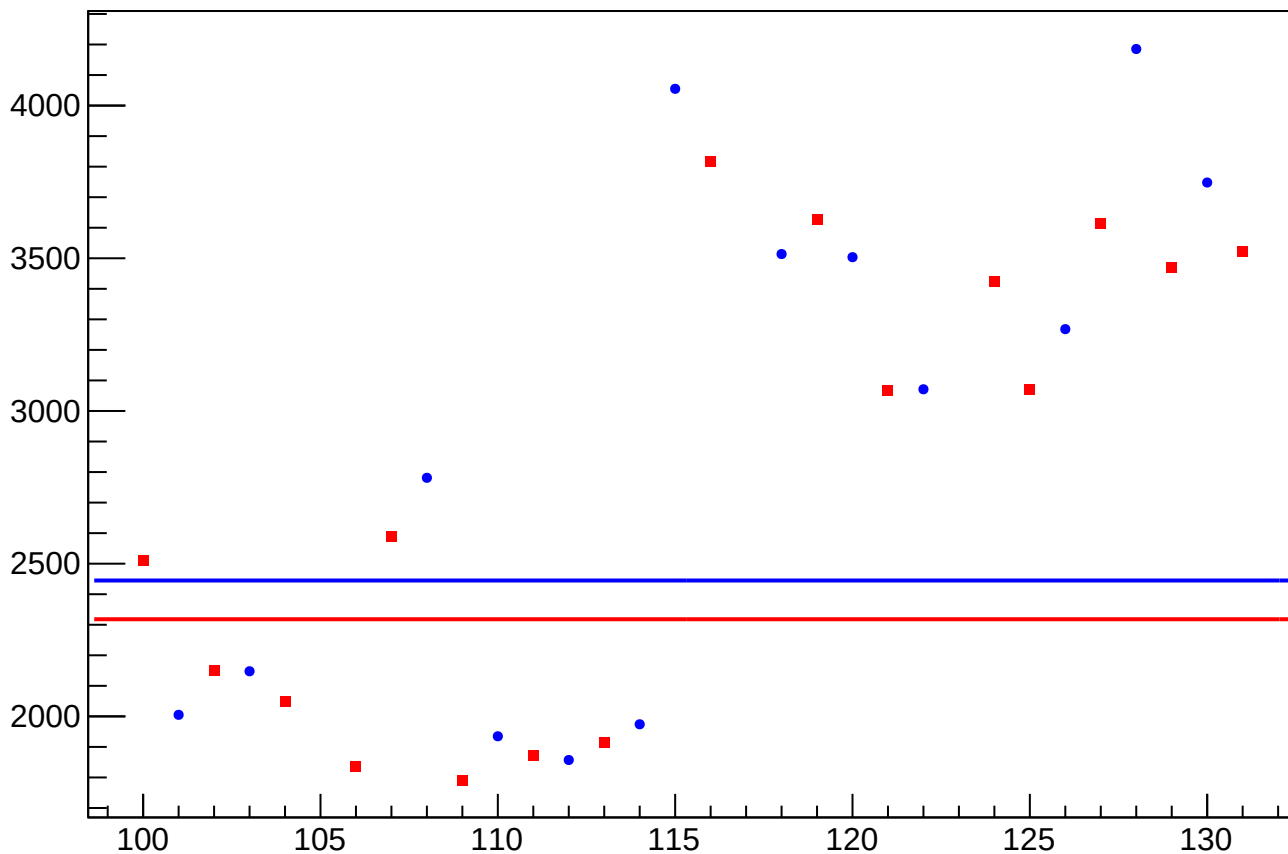
Right: 1729.308+/-720.183 χ^2/NDF : 27.8/28

In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.308+/-720.183 χ^2/NDF : 27.8/28

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2444.909+/-0.769 χ^2/NDF : 844197.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.085+/-0.680 χ^2/NDF : 913865.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

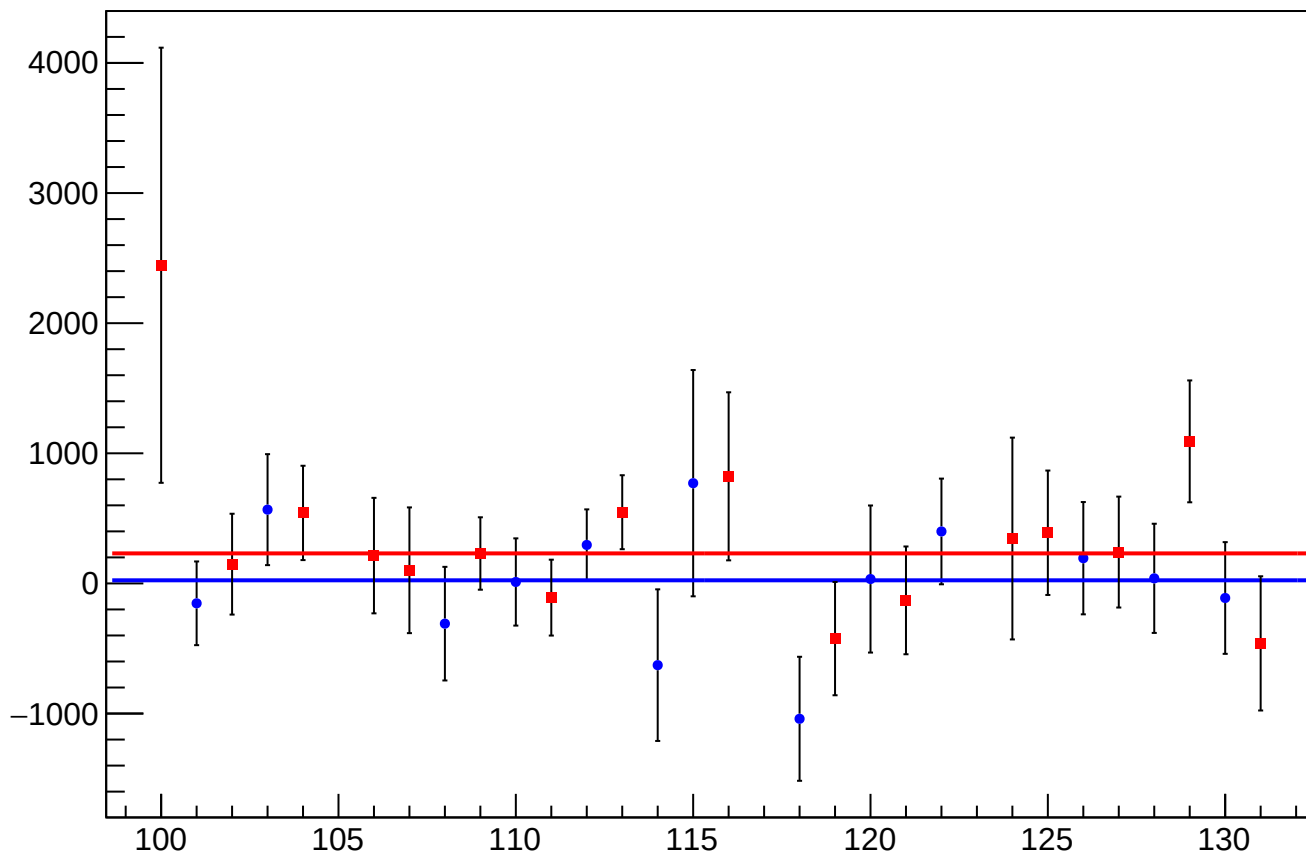
Right: 2373.762+/-0.509 χ^2/NDF : 1773338.2/28

In: 2444.909+/-0.769 χ^2/NDF : 844197.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.762+/-0.509 χ^2/NDF : 1773338.2/28

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 23.913 ± 113.937 χ^2/NDF : 11.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 230.769 ± 102.912 χ^2/NDF : 14.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

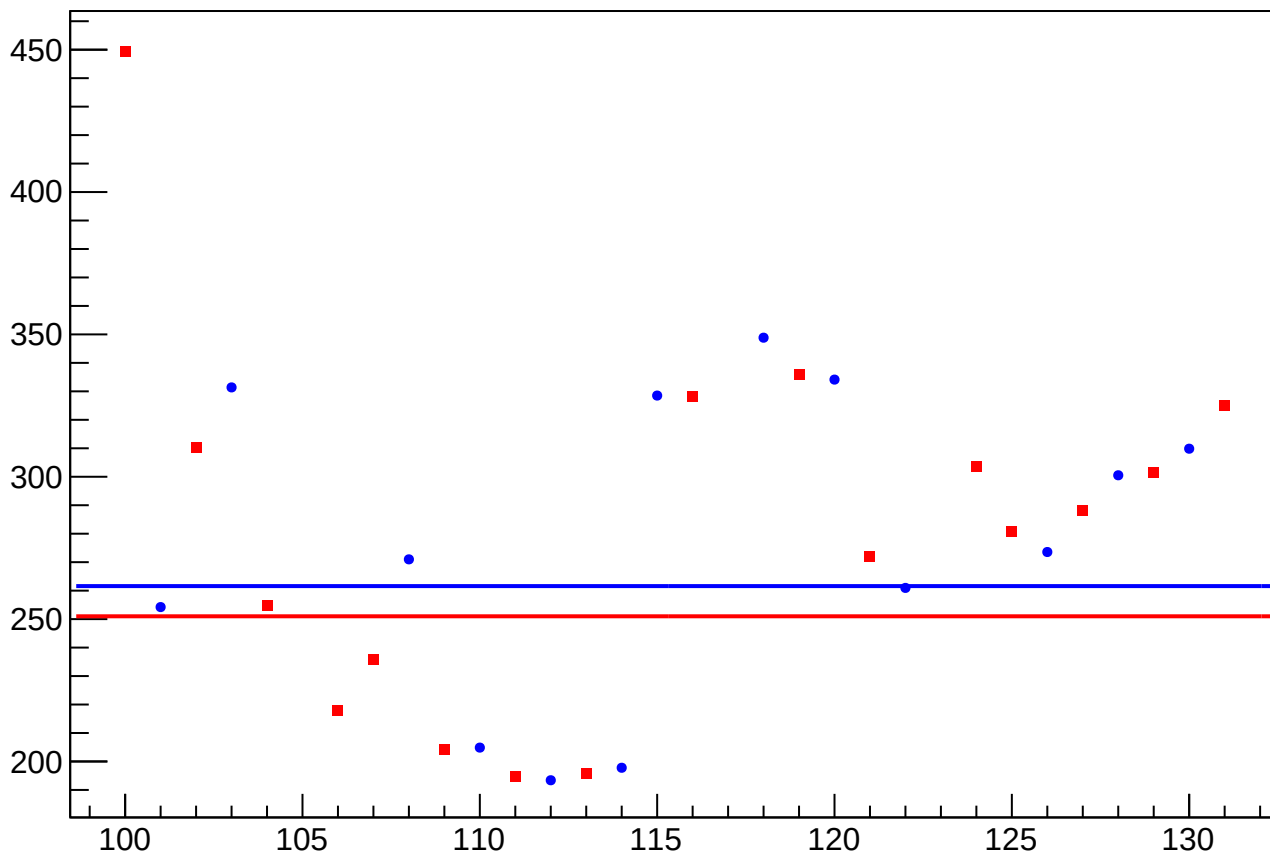
Right: 137.830 ± 76.371 χ^2/NDF : 27.8/28

In: 23.913 ± 113.937 χ^2/NDF : 11.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 137.830 ± 76.371 χ^2/NDF : 27.8/28

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 261.597 $\pm$ 0.081 χ^2 /NDF: 417085.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 250.990 $\pm$ 0.073 χ^2 /NDF: 501493.5/15

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

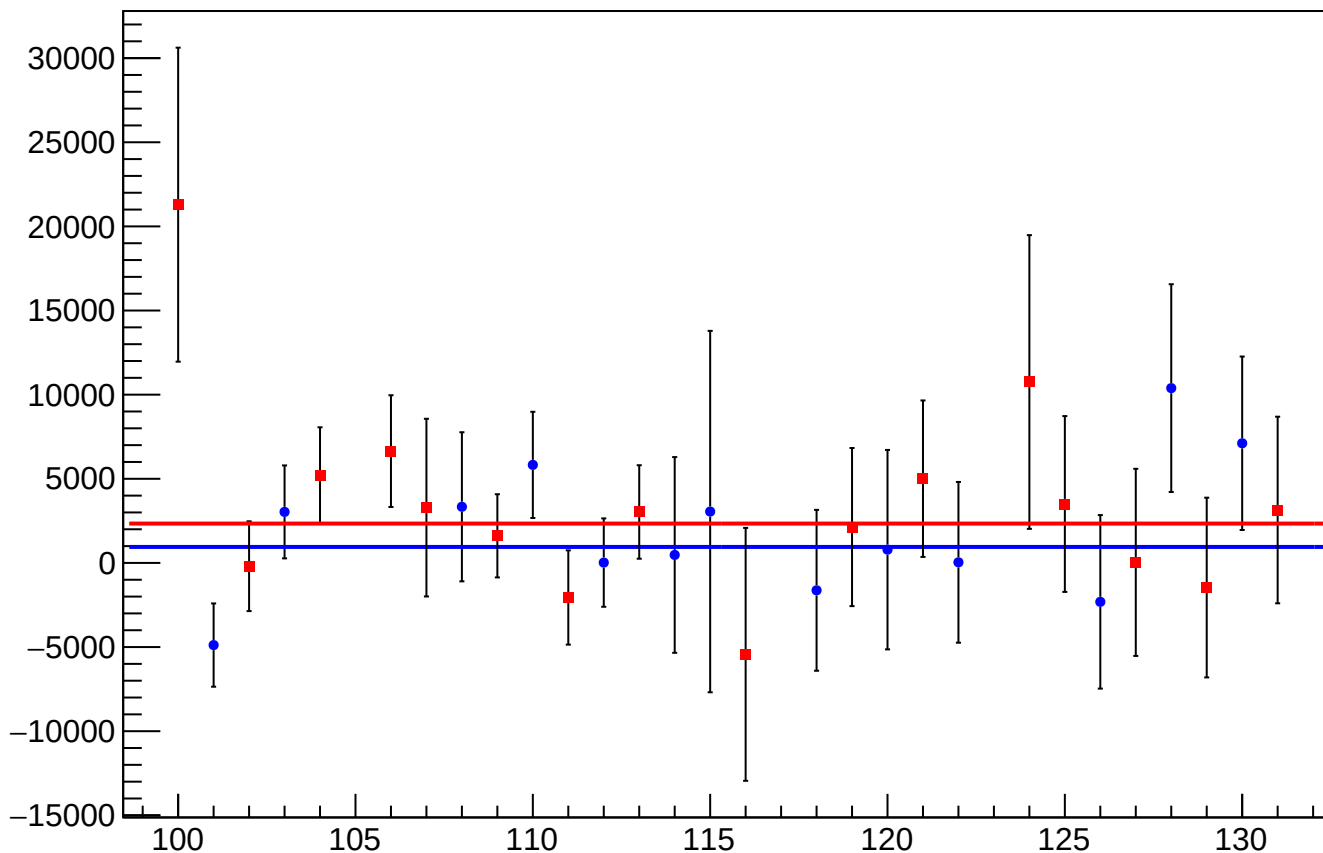
Right: 255.756 $\pm$ 0.054 χ^2 /NDF: 928125.4/28

In: 261.597 $\pm$ 0.081 χ^2 /NDF:417085.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 255.756 $\pm$ 0.054 χ^2 /NDF: 928125.4/28

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.080+/-961.535 χ^2/NDF : 13.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

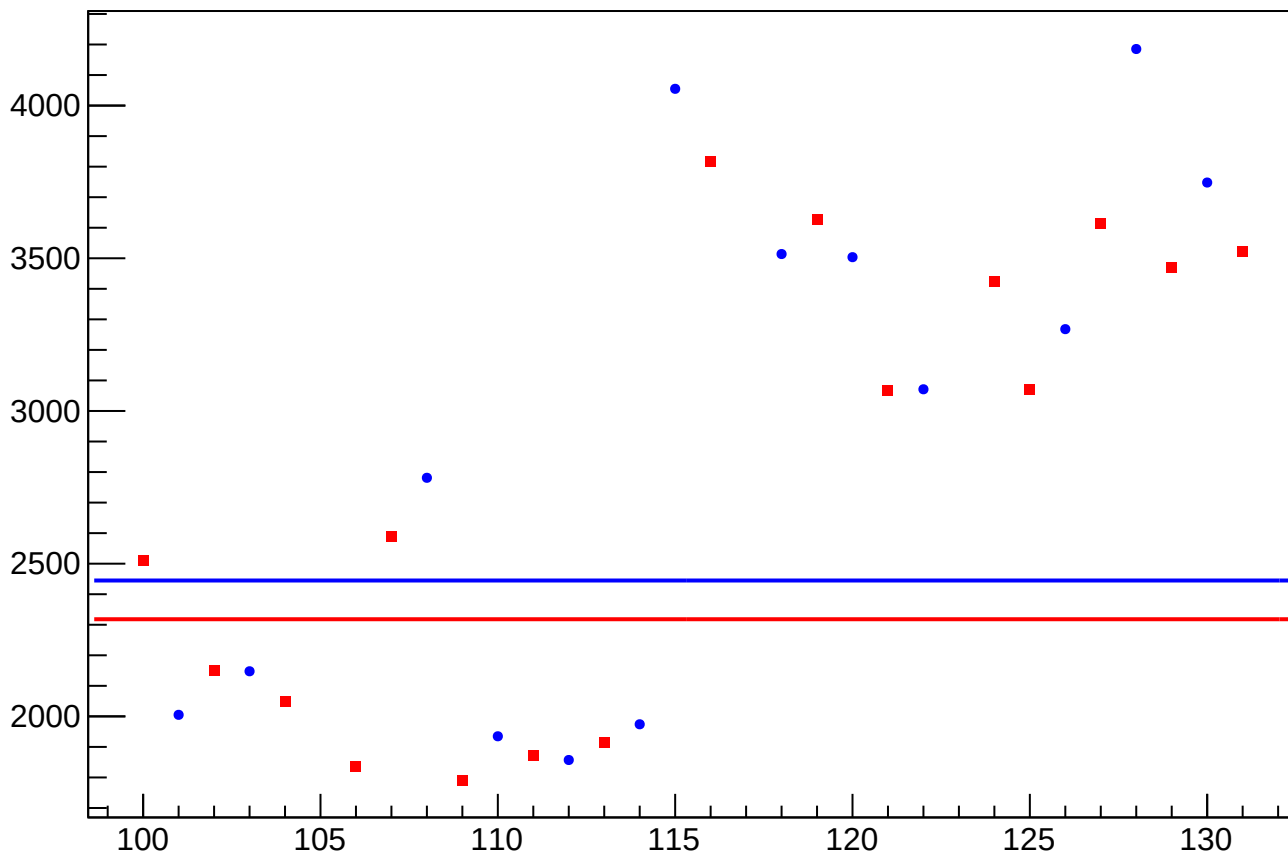
Right: 1729.307+/-720.182 χ^2/NDF : 27.8/28

In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.307+/-720.182 χ^2/NDF : 27.8/28

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2444.908+/-0.769 χ^2/NDF : 844201.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.083+/-0.680 χ^2/NDF : 913868.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

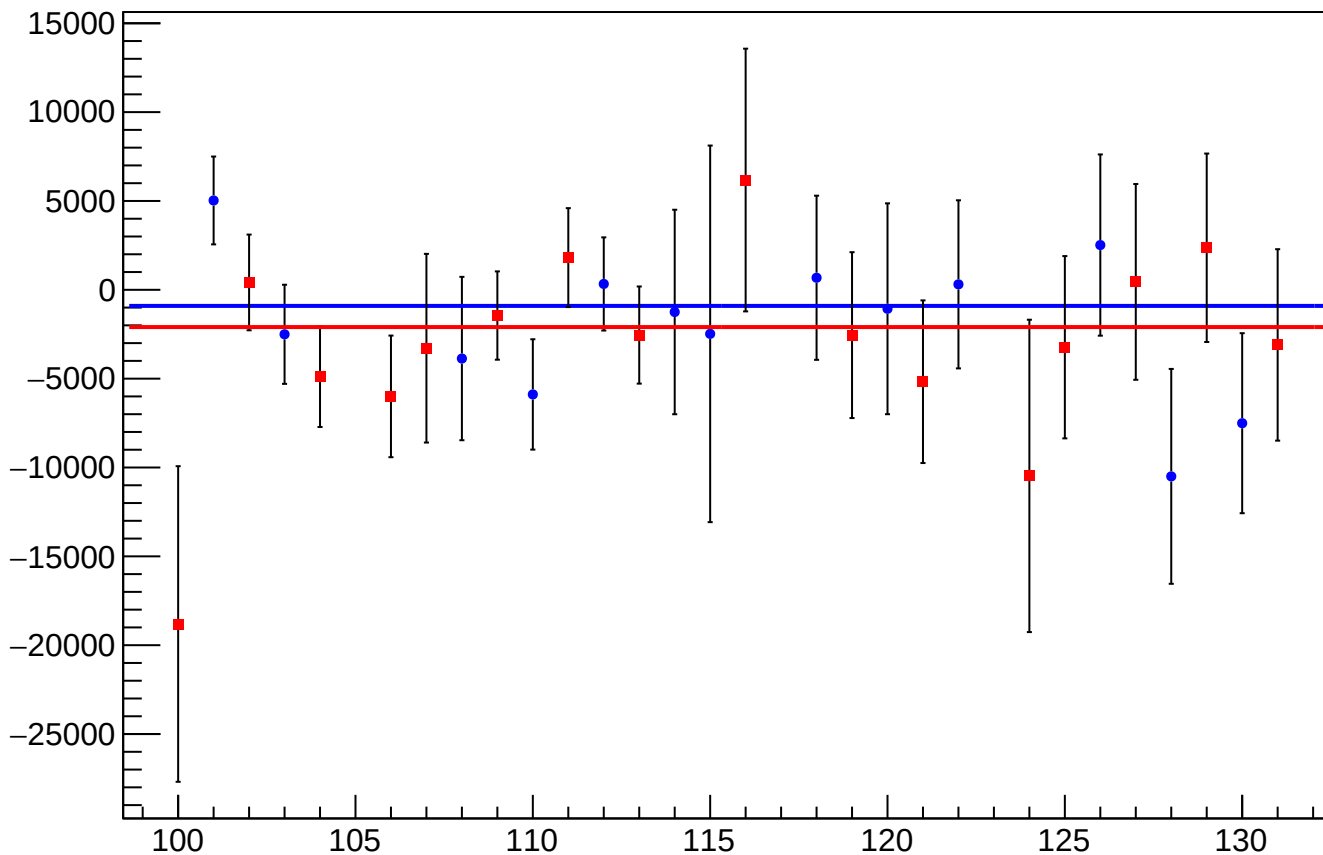
Right: 2373.761+/-0.509 χ^2/NDF : 1773344.7/28

In: 2444.908+/-0.769 χ^2/NDF : 844201.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.761+/-0.509 χ^2/NDF : 1773344.7/28

asym_sam4_mean vs Slug, Sign Corrected



Right In: -905.387+/-1082.958 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2096.472+/-959.223 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

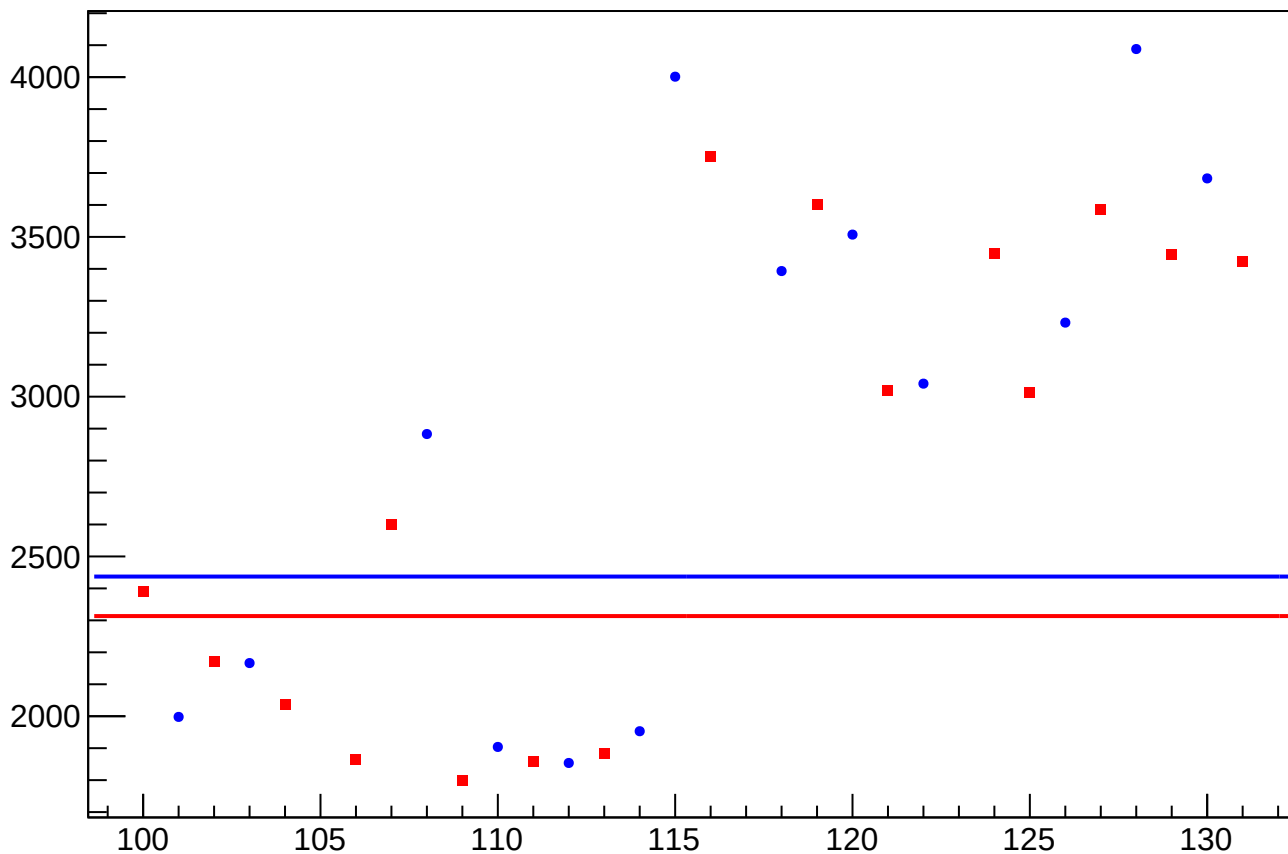
Right: -1572.833+/-718.053 χ^2/NDF : 27.3/28

In: -905.387+/-1082.958 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1572.833+/-718.053 χ^2/NDF : 27.3/28

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2437.084+/-0.766 χ^2/NDF : 818579.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2313.418+/-0.678 χ^2/NDF : 881913.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

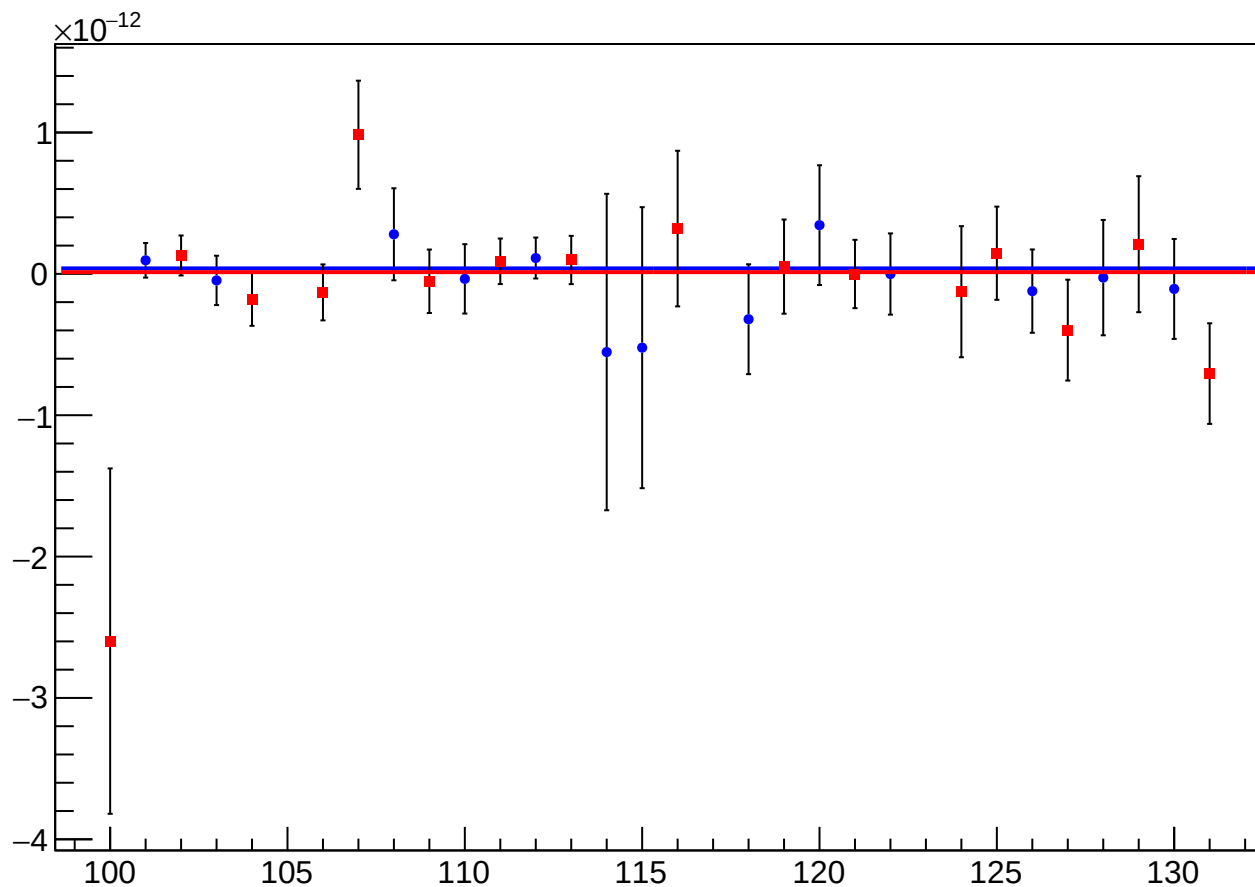
Right: 2367.785+/-0.508 χ^2/NDF : 1715106.9/28

In: 2437.084+/-0.766 χ^2/NDF : 818579.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2367.785+/-0.508 χ^2/NDF : 1715106.9/28

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/12

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

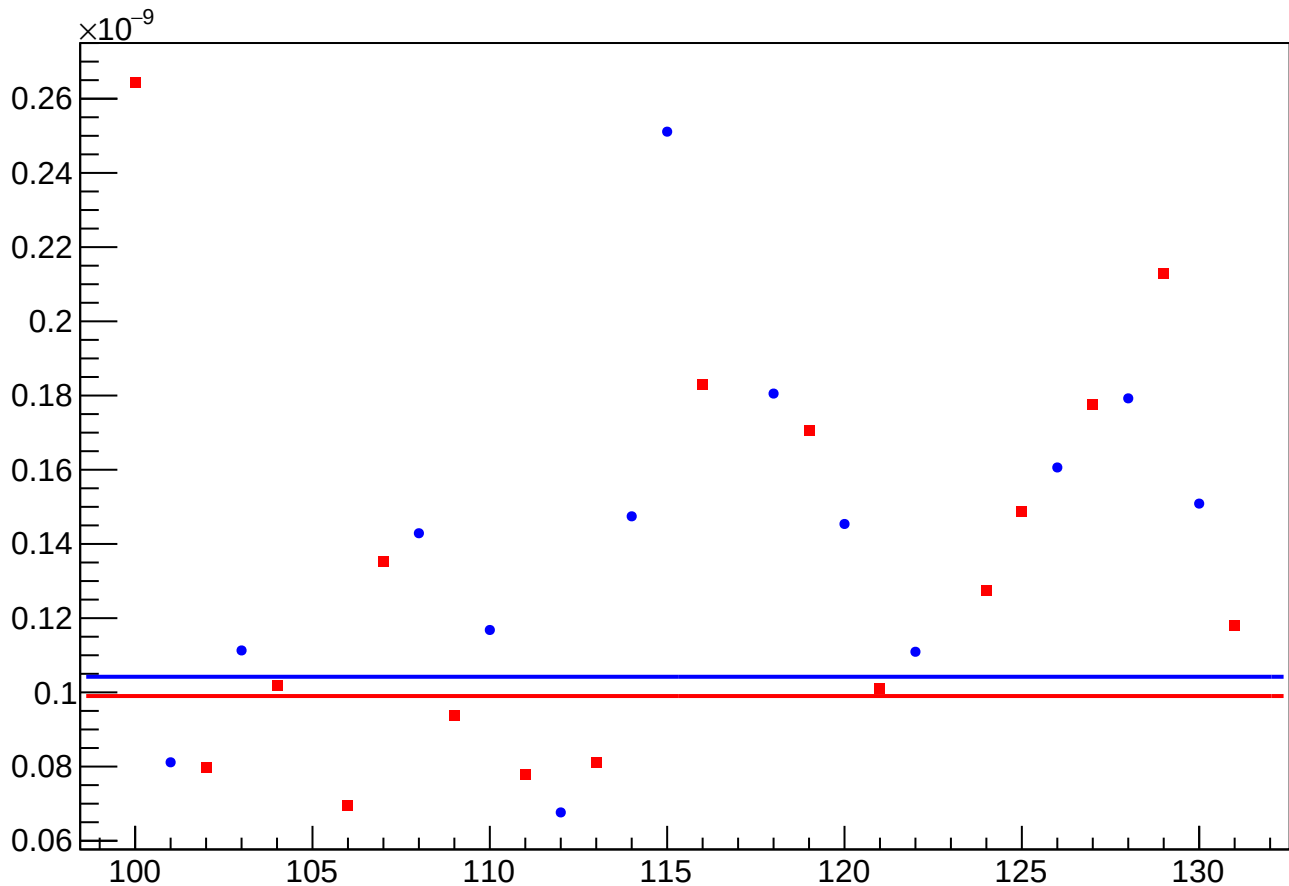
Right: 0.000+/-0.000 χ^2/NDF : 23.9/28

In: 0.000+/-0.000 χ^2/NDF : 3.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.9/28

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 554762.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 600344.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

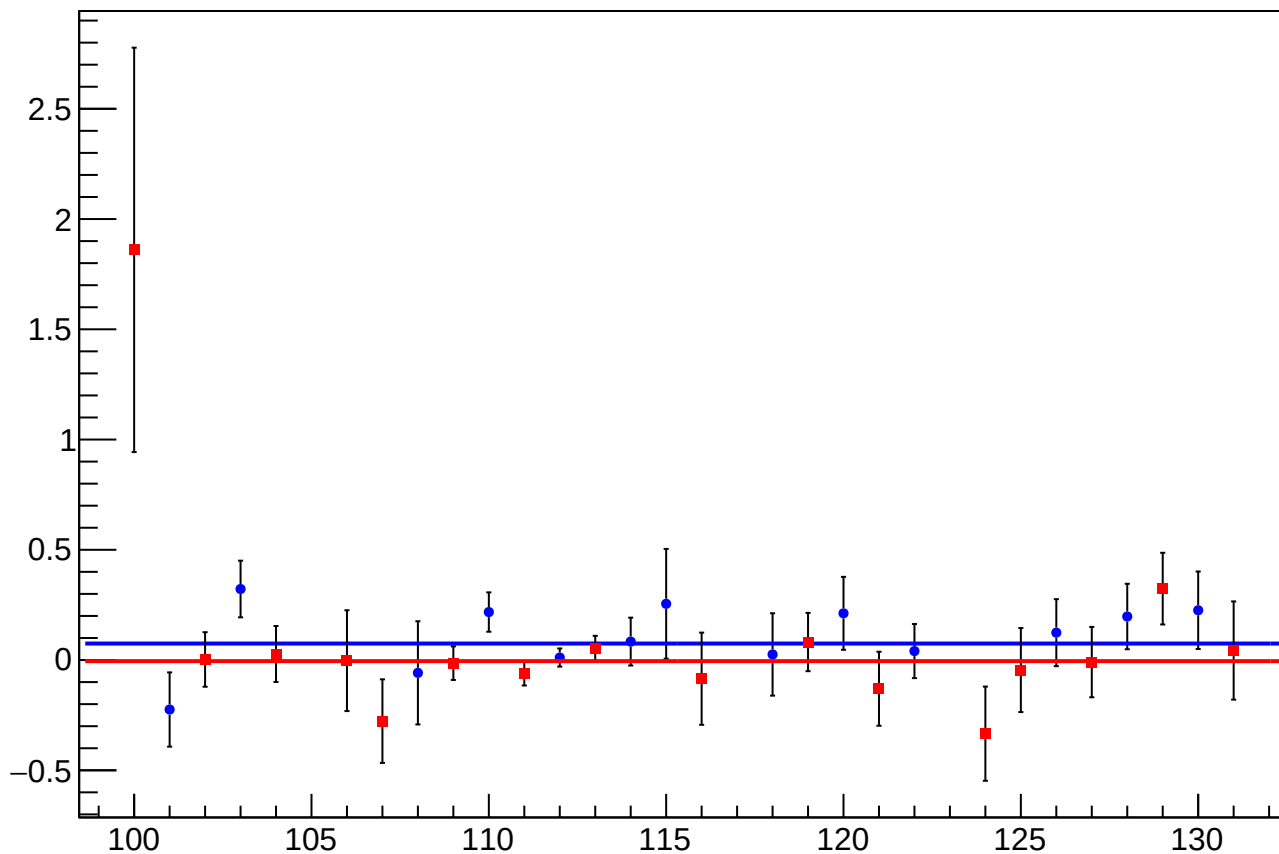
Right: 0.000+/-0.000 χ^2/NDF : 1161704.4/28

In: 0.000+/-0.000 χ^2/NDF : 554762.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1161704.4/28

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.028 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

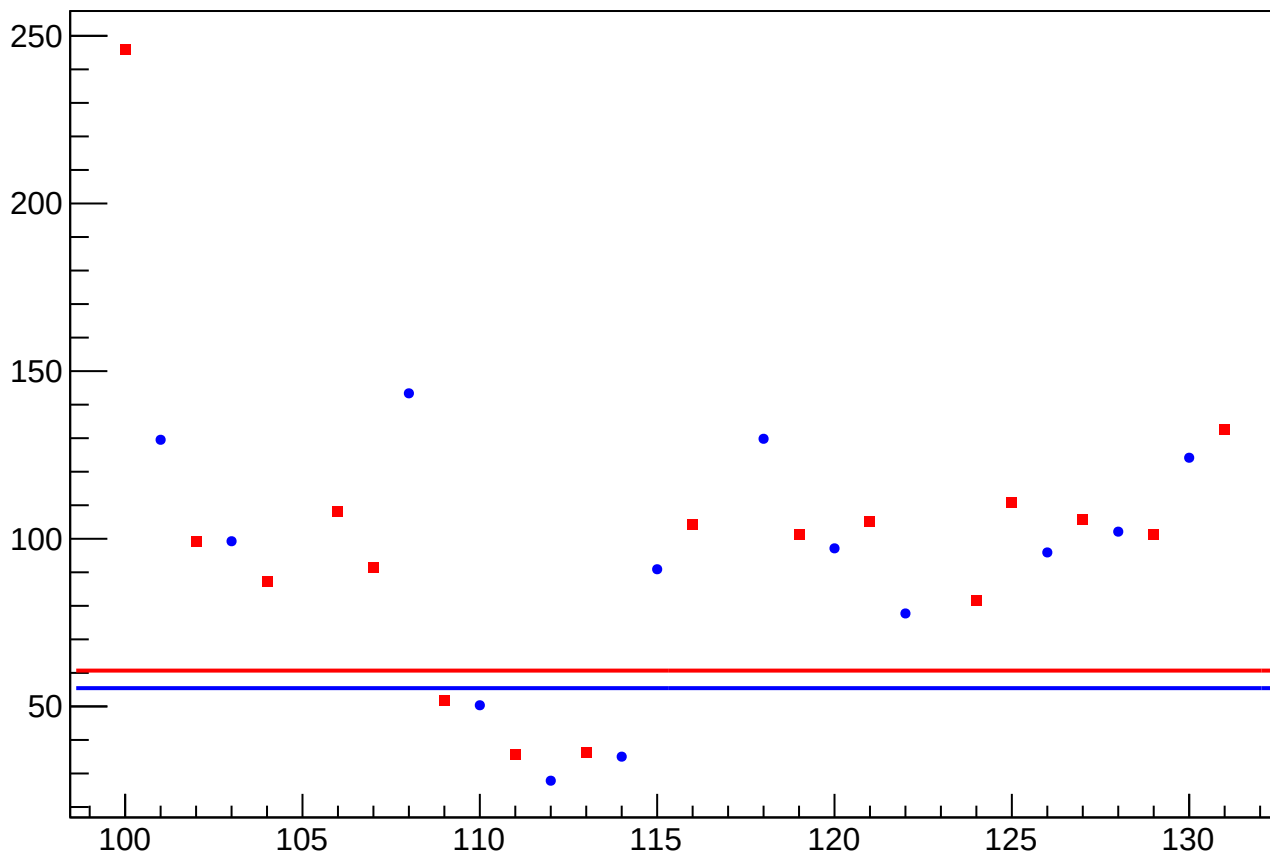
Right: 0.034+/-0.020 χ^2/NDF : 35.0/28

In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.020 χ^2/NDF : 35.0/28

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.452+/-0.021 χ^2/NDF : 3075473.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.686+/-0.020 χ^2/NDF : 2395409.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

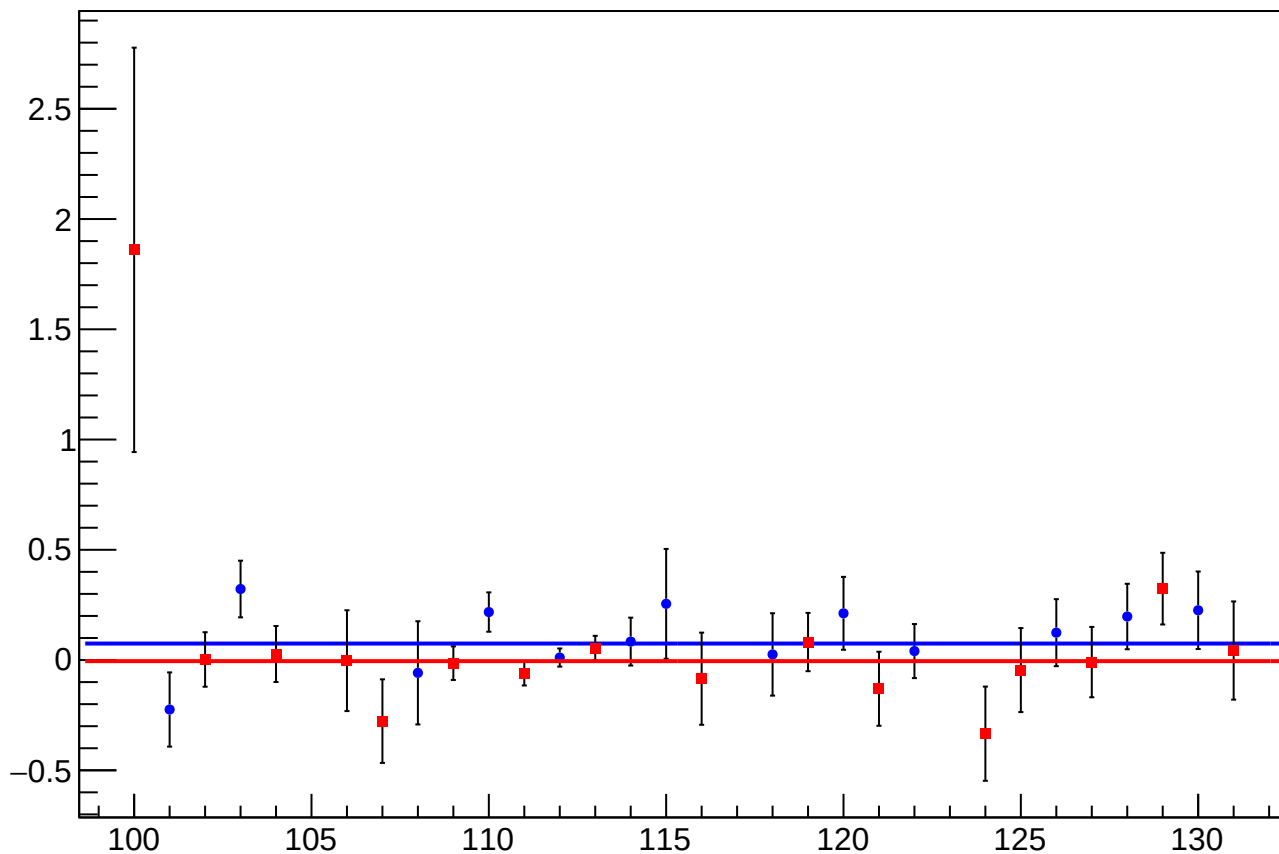
Right: 58.152+/-0.014 χ^2/NDF : 5504345.6/28

In: 55.452+/-0.021 χ^2/NDF :3075473.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.152+/-0.014 χ^2/NDF : 5504345.6/28

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075 $\pm$ 0.029 χ^2/NDF : 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 $\pm$ 0.028 χ^2/NDF : 16.1/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

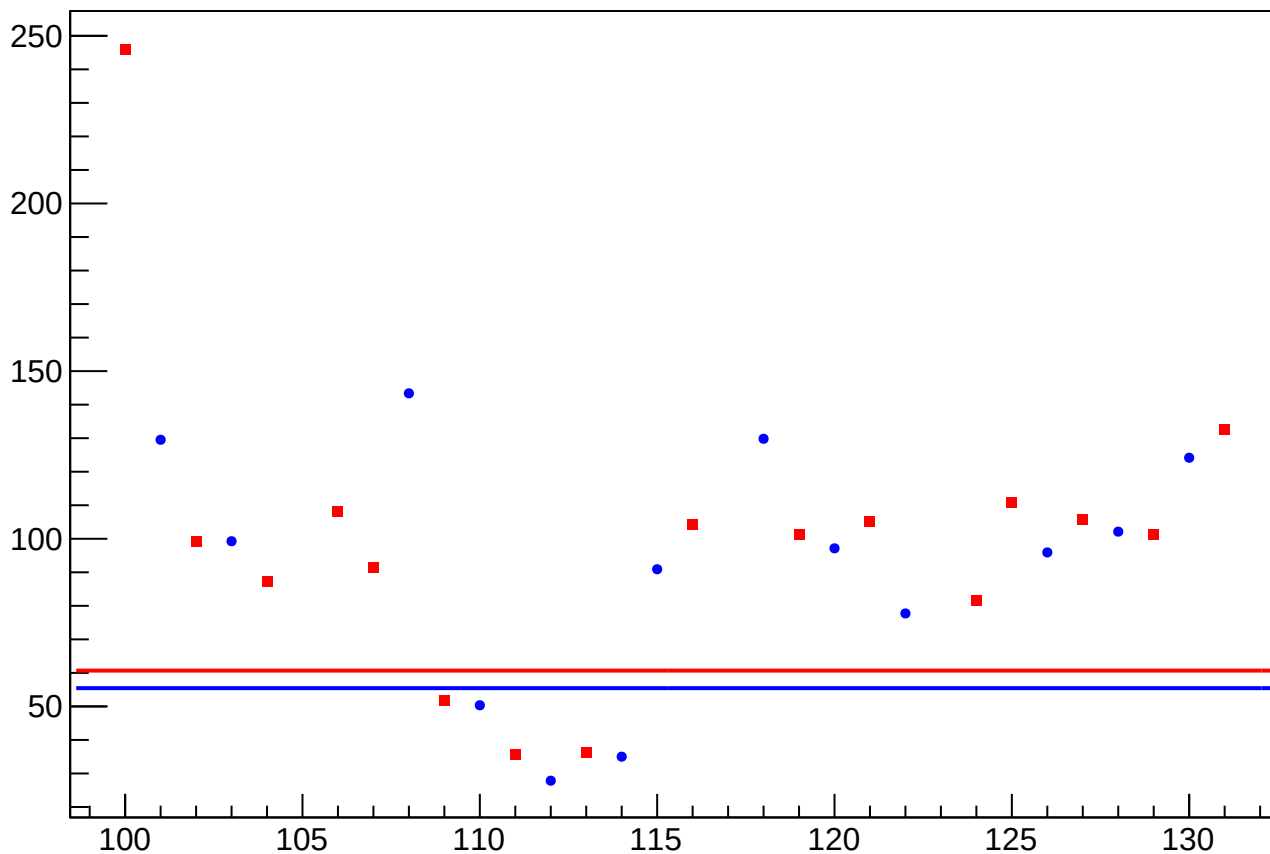
Right: 0.034 $\pm$ 0.020 χ^2/NDF : 35.0/28

In: 0.075 $\pm$ 0.029 χ^2/NDF : 15.0/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.034 $\pm$ 0.020 χ^2/NDF : 35.0/28

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.452+/-0.021 χ^2/NDF : 3075473.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.686+/-0.020 χ^2/NDF : 2395409.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

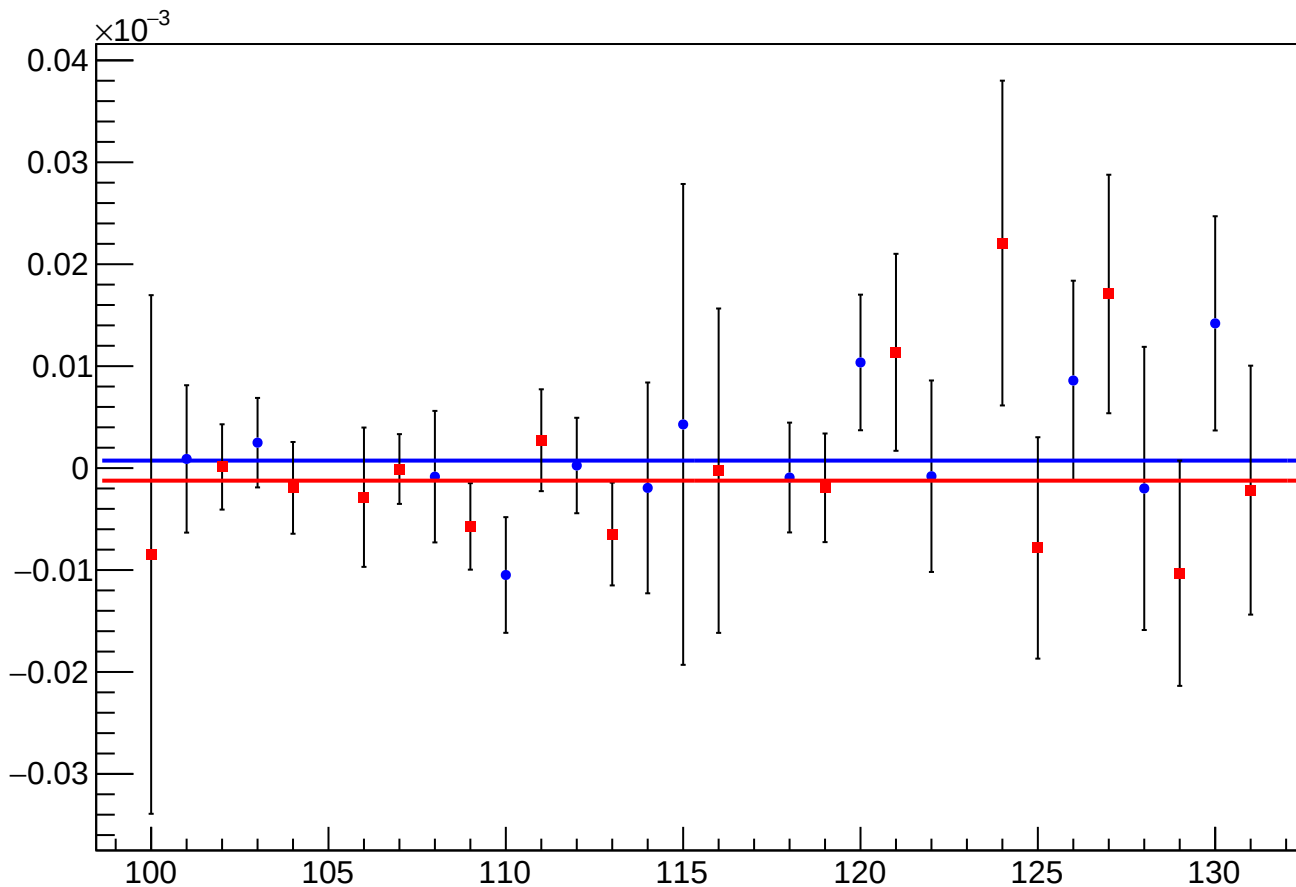
Right: 58.152+/-0.014 χ^2/NDF : 5504345.6/28

In: 55.452+/-0.021 χ^2/NDF :3075473.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.152+/-0.014 χ^2/NDF : 5504345.6/28

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

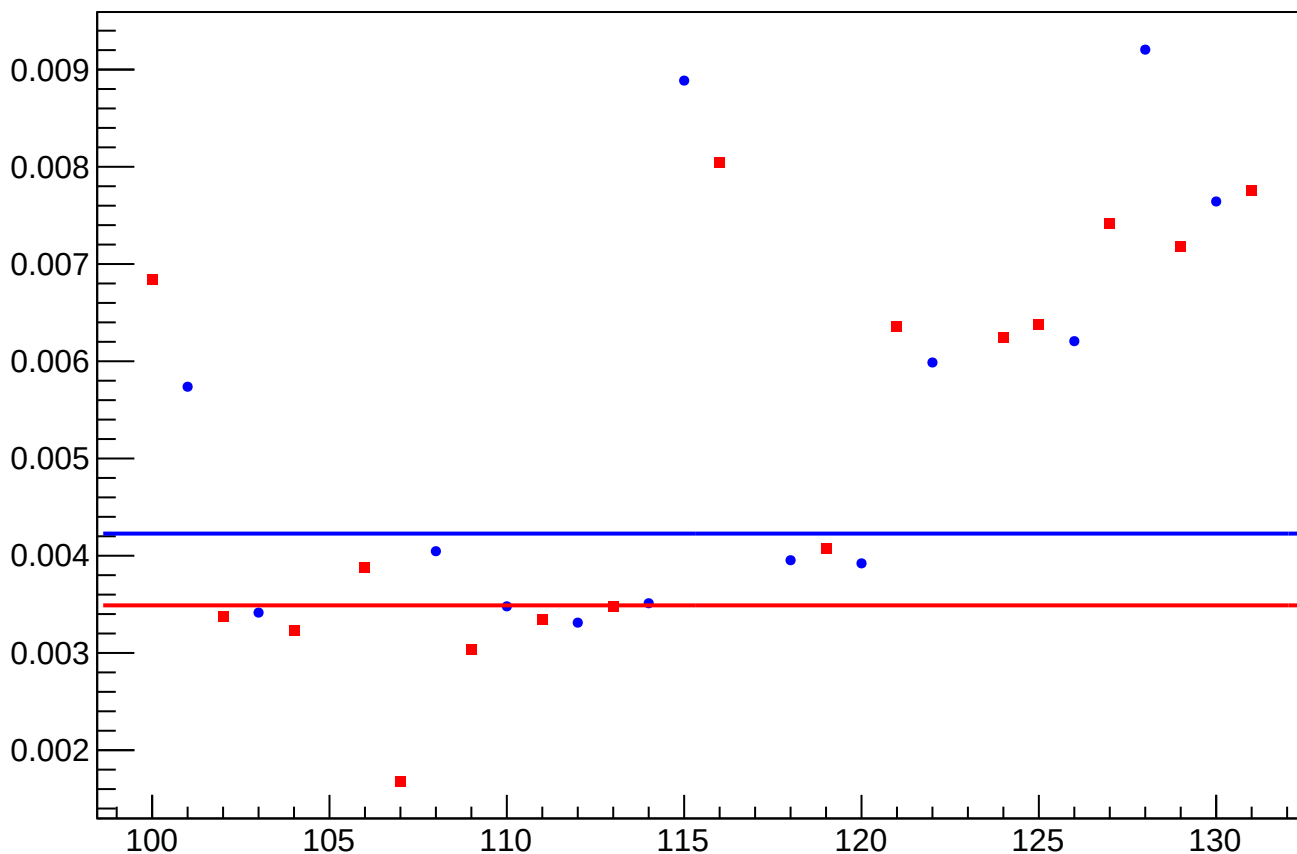
Right: -0.000+/-0.000 χ^2/NDF : 20.0/28

In: 0.000+/-0.000 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/28

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 985867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1893103.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

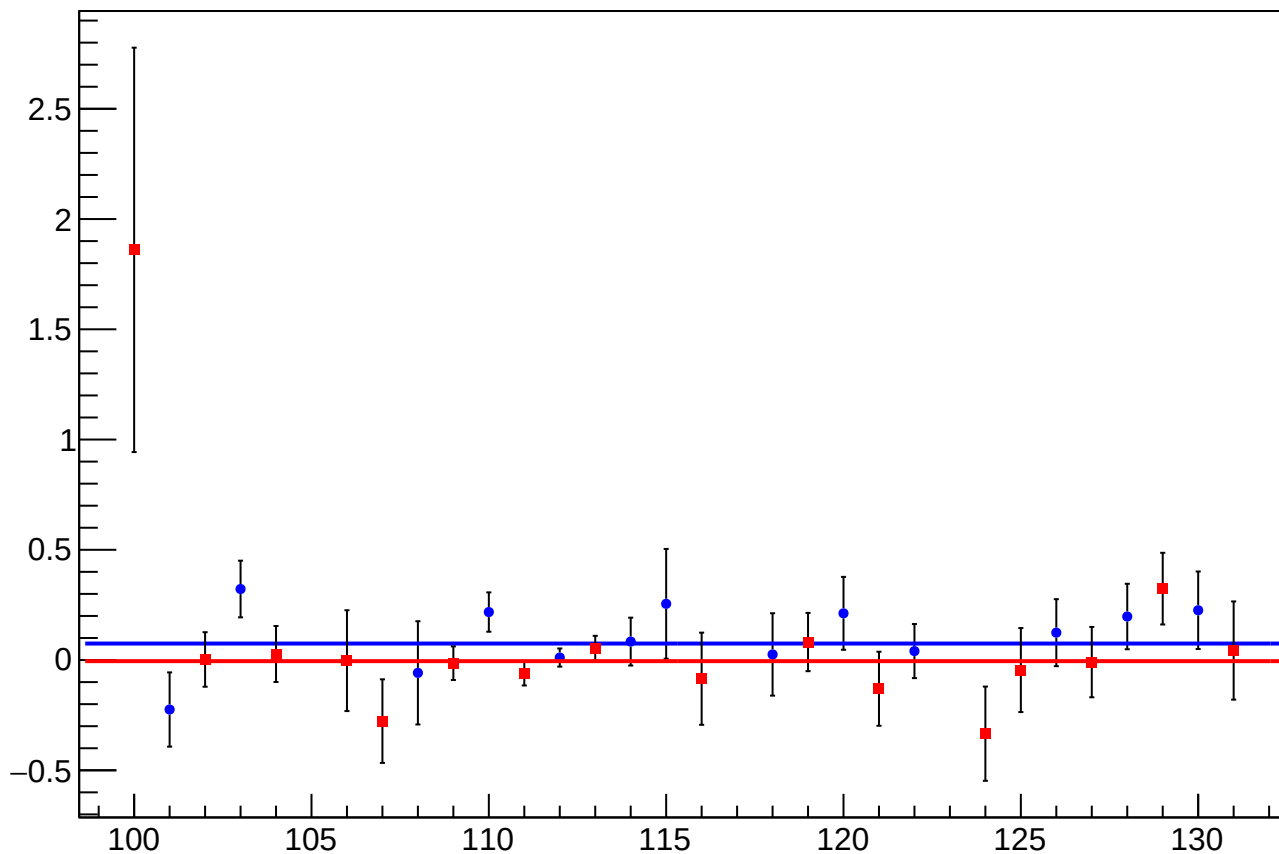
Right: 0.004+/-0.000 χ^2/NDF : 3062874.0/28

In: 0.004+/-0.000 χ^2/NDF :985867.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3062874.0/28

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.028 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

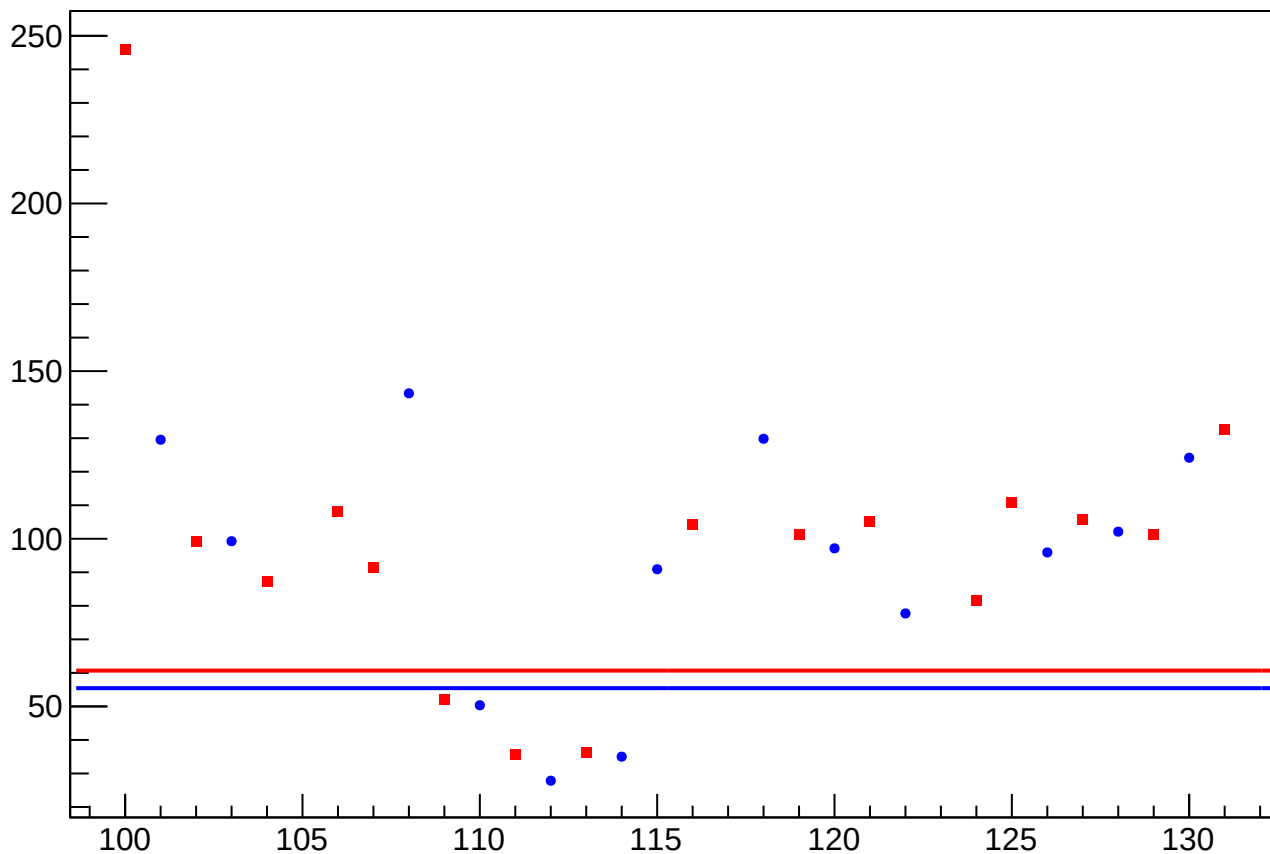
Right: 0.034+/-0.020 χ^2/NDF : 35.0/28

In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.020 χ^2/NDF : 35.0/28

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.684+/-0.020 χ^2/NDF : 2395621.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

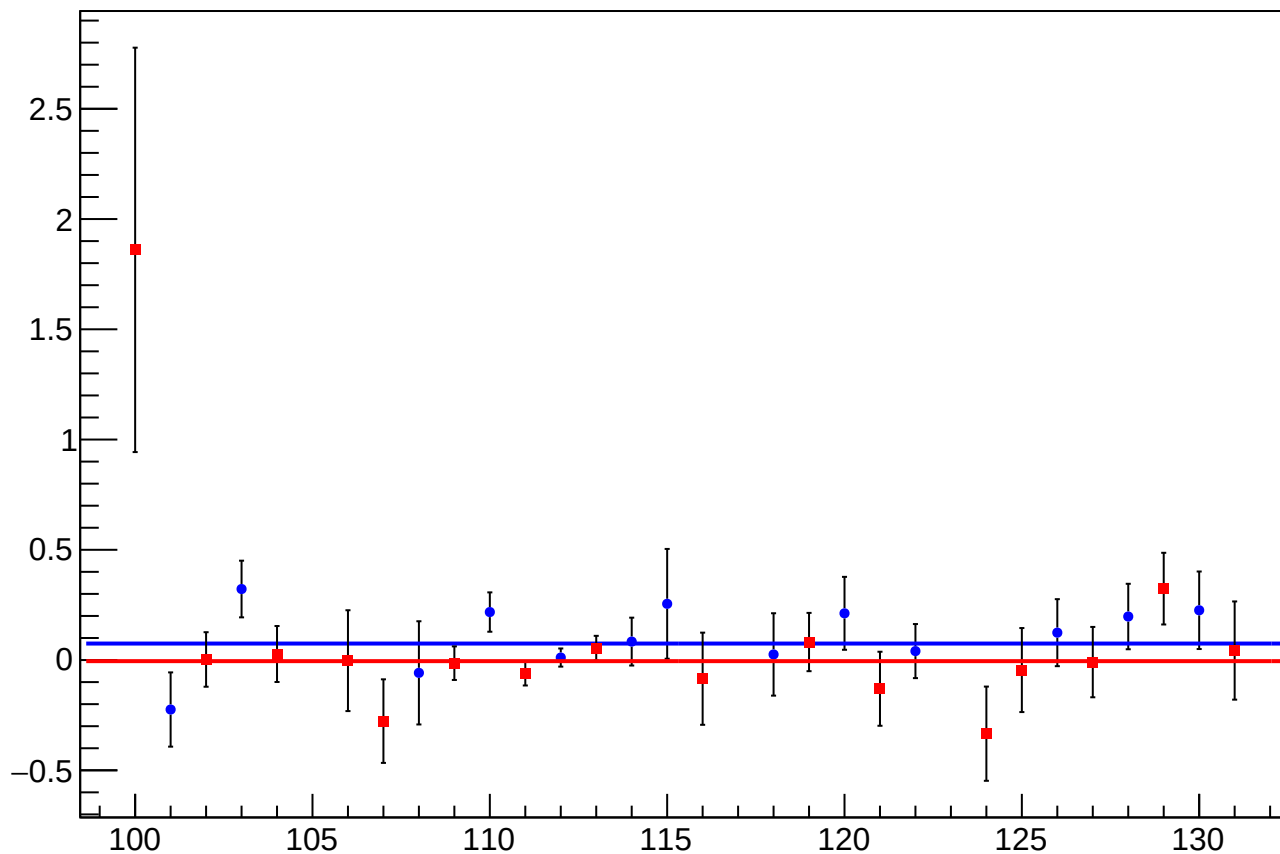
Right: 58.149+/-0.014 χ^2/NDF : 5504769.0/28

In: 55.450+/-0.021 χ^2/NDF :3075680.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.149+/-0.014 χ^2/NDF : 5504769.0/28

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075 $\pm$ 0.029 χ^2 /NDF: 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.028 χ^2 /NDF: 16.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

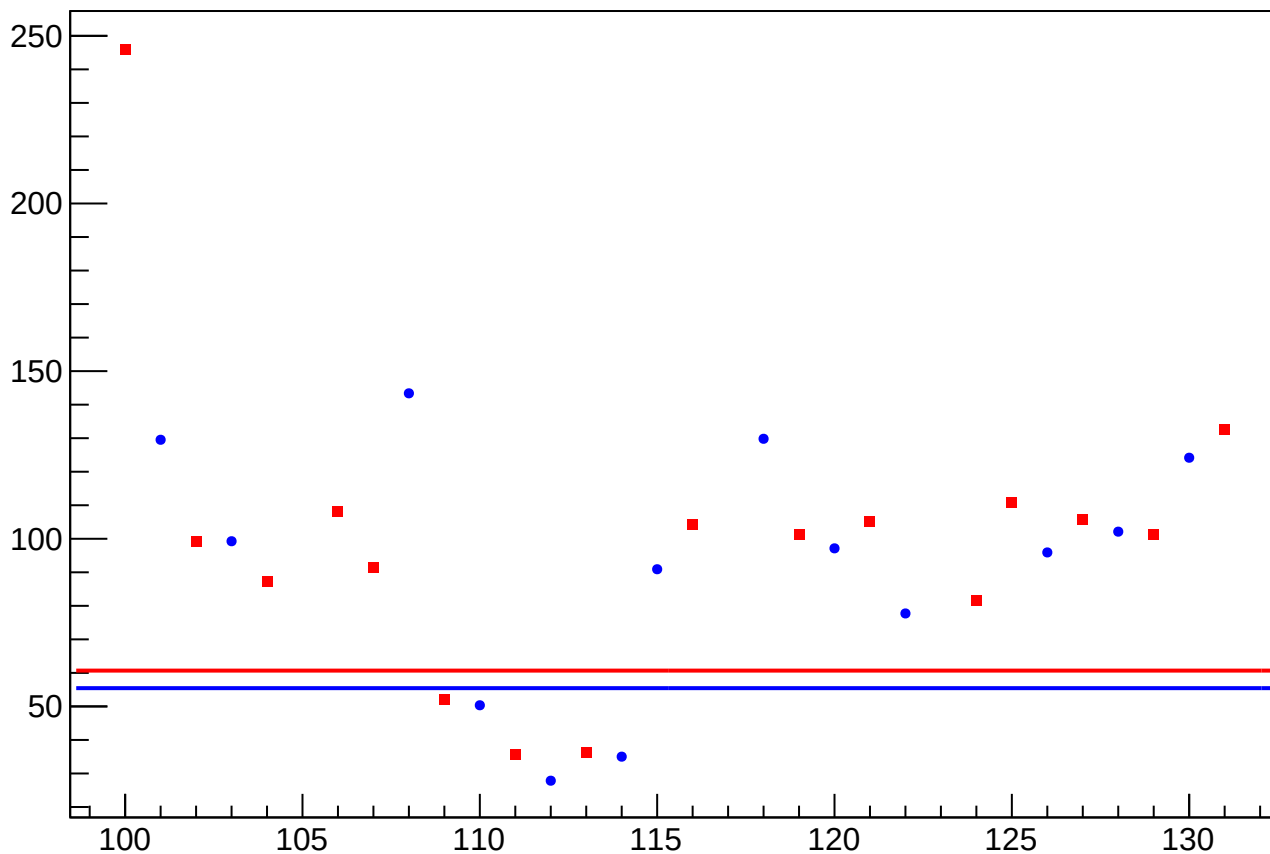
Right: 0.034 $\pm$ 0.020 χ^2 /NDF: 35.0/28

In: 0.075 $\pm$ 0.029 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.020 χ^2 /NDF: 35.0/28

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.684+/-0.020 χ^2/NDF : 2395621.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

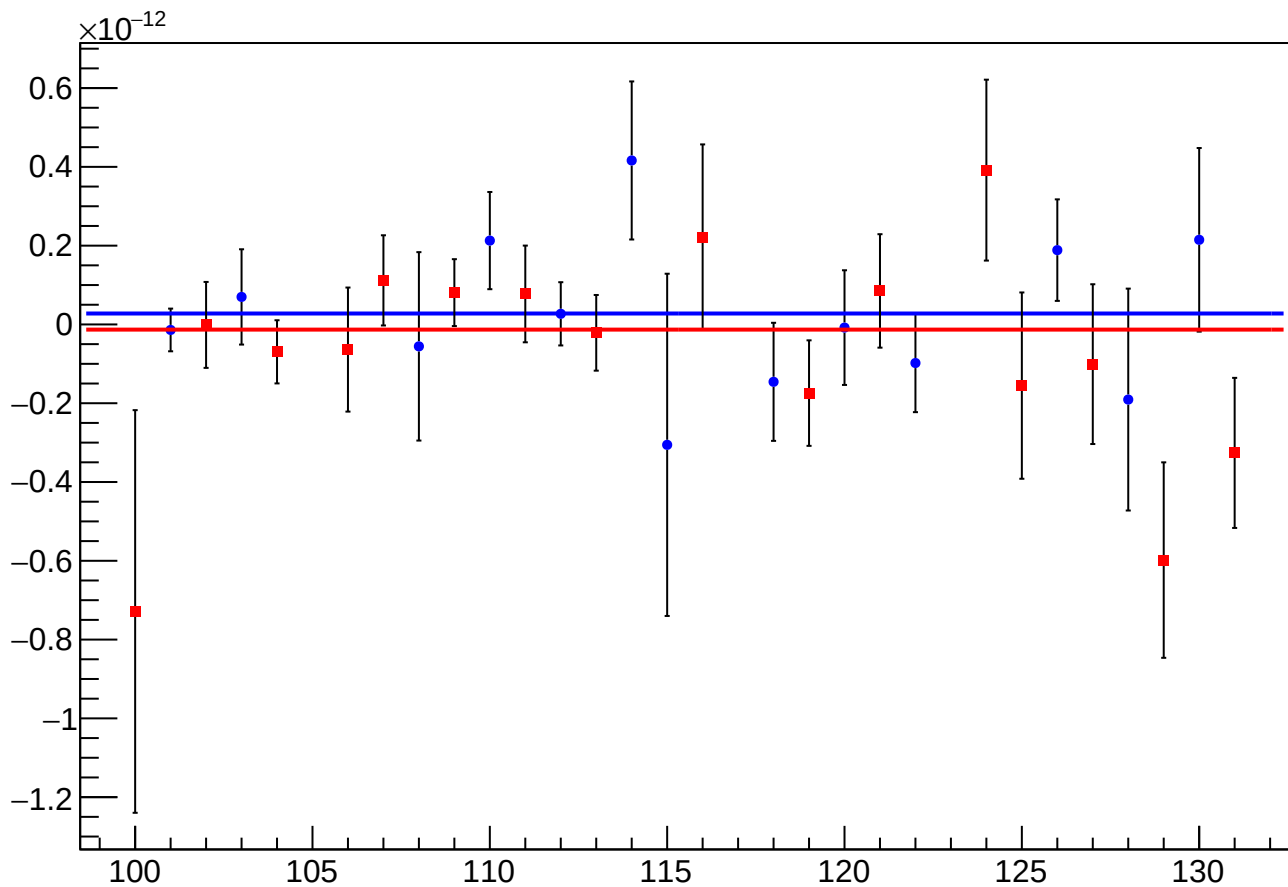
Right: 58.149+/-0.014 χ^2/NDF : 5504769.0/28

In: 55.450+/-0.021 χ^2/NDF :3075680.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.149+/-0.014 χ^2/NDF : 5504769.0/28

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

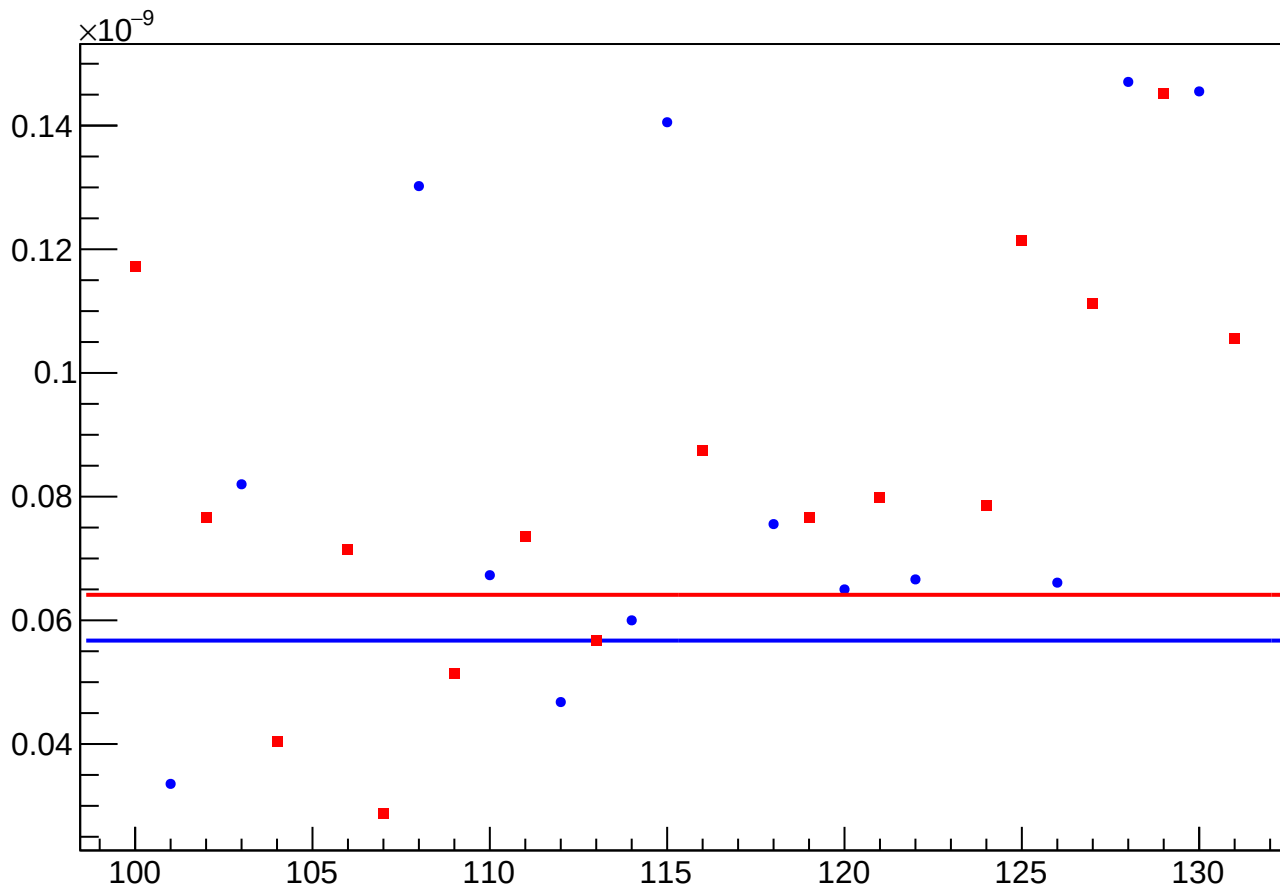
Right: 0.000+/-0.000 χ^2/NDF : 33.8/28

In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.8/28

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1319753.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1088784.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

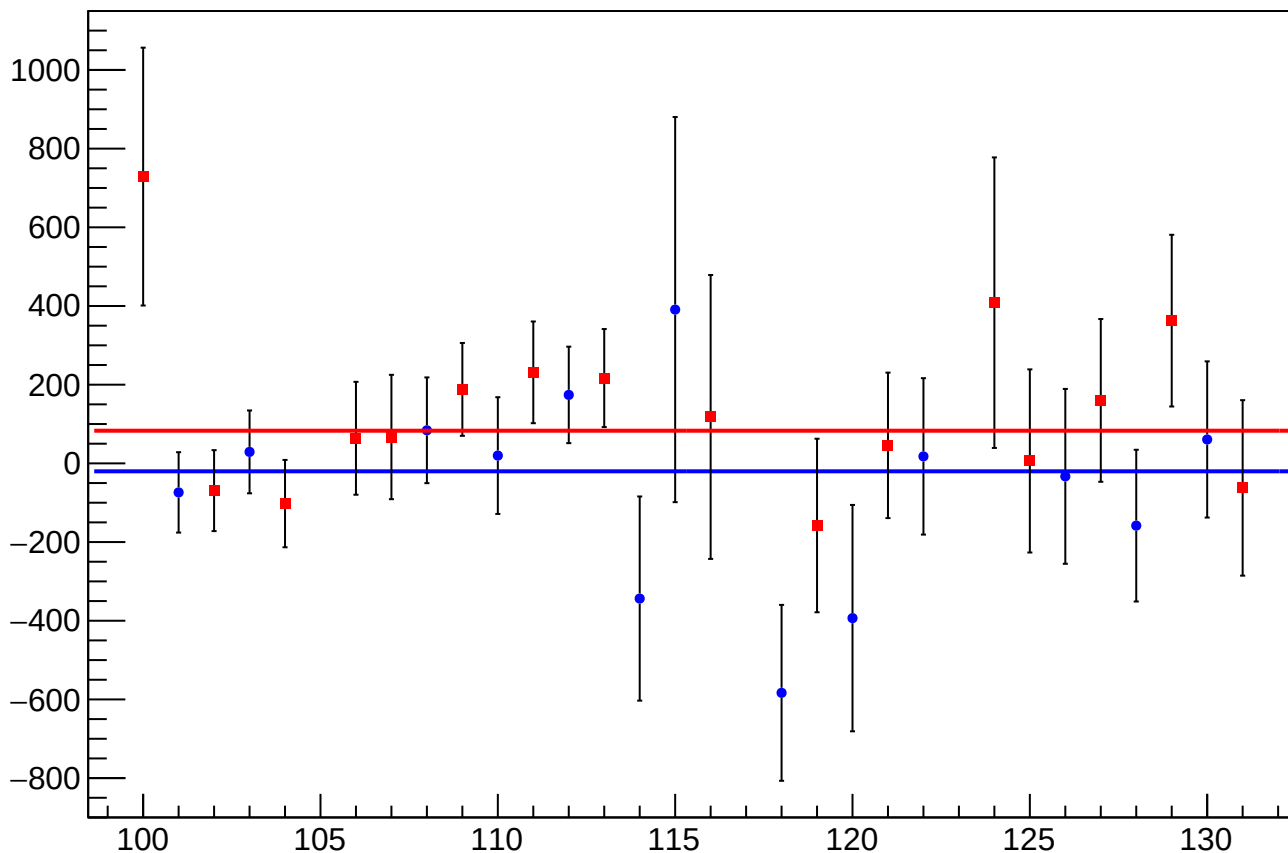
Right: 0.000+/-0.000 χ^2/NDF : 2458512.2/28

In: 0.000+/-0.000 χ^2/NDF : 1319753.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2458512.2/28

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -20.179+/-44.618 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.025+/-40.245 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

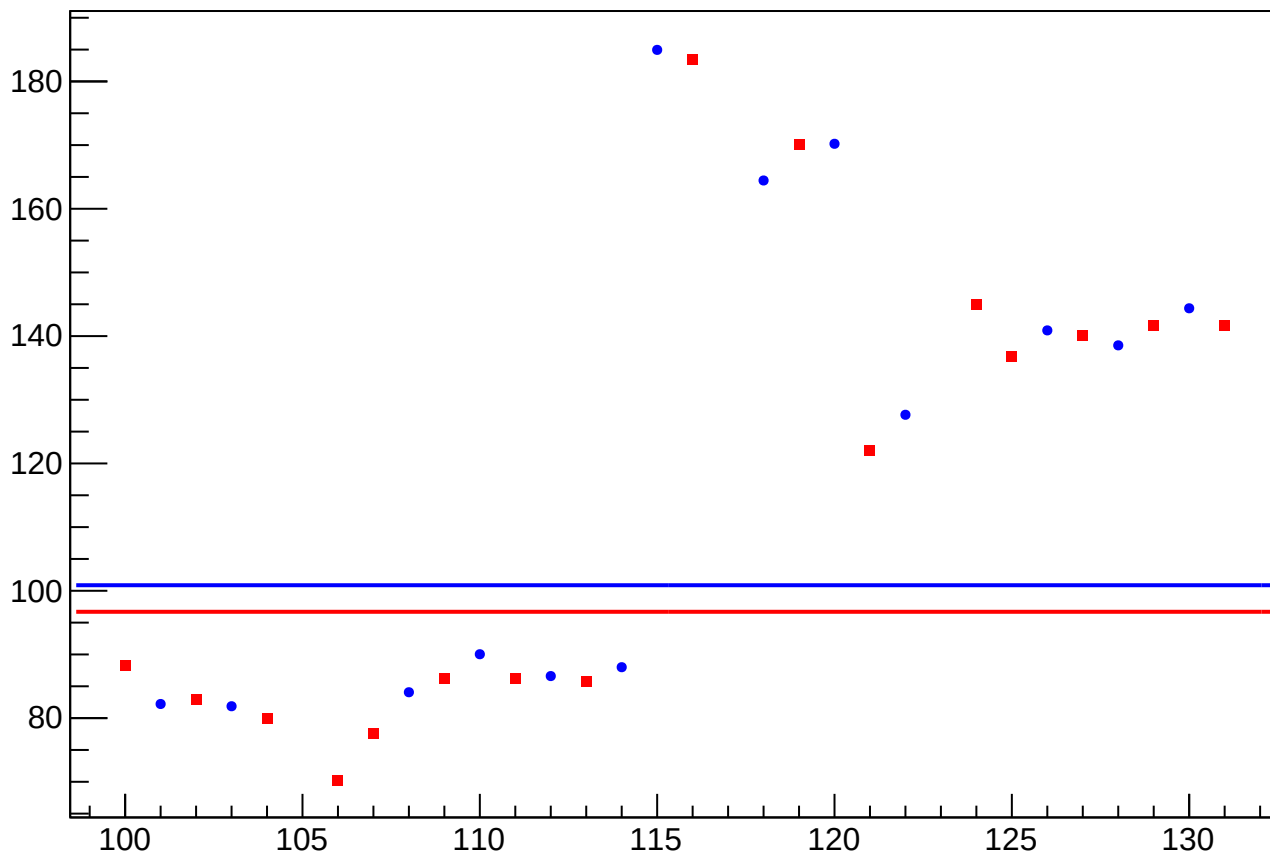
Right: 36.728+/-29.884 χ^2/NDF : 34.1/28

In: -20.179+/-44.618 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.728+/-29.884 χ^2/NDF : 34.1/28

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 100.873+/-0.032 χ^2/NDF : 816220.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.702+/-0.028 χ^2/NDF : 947276.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

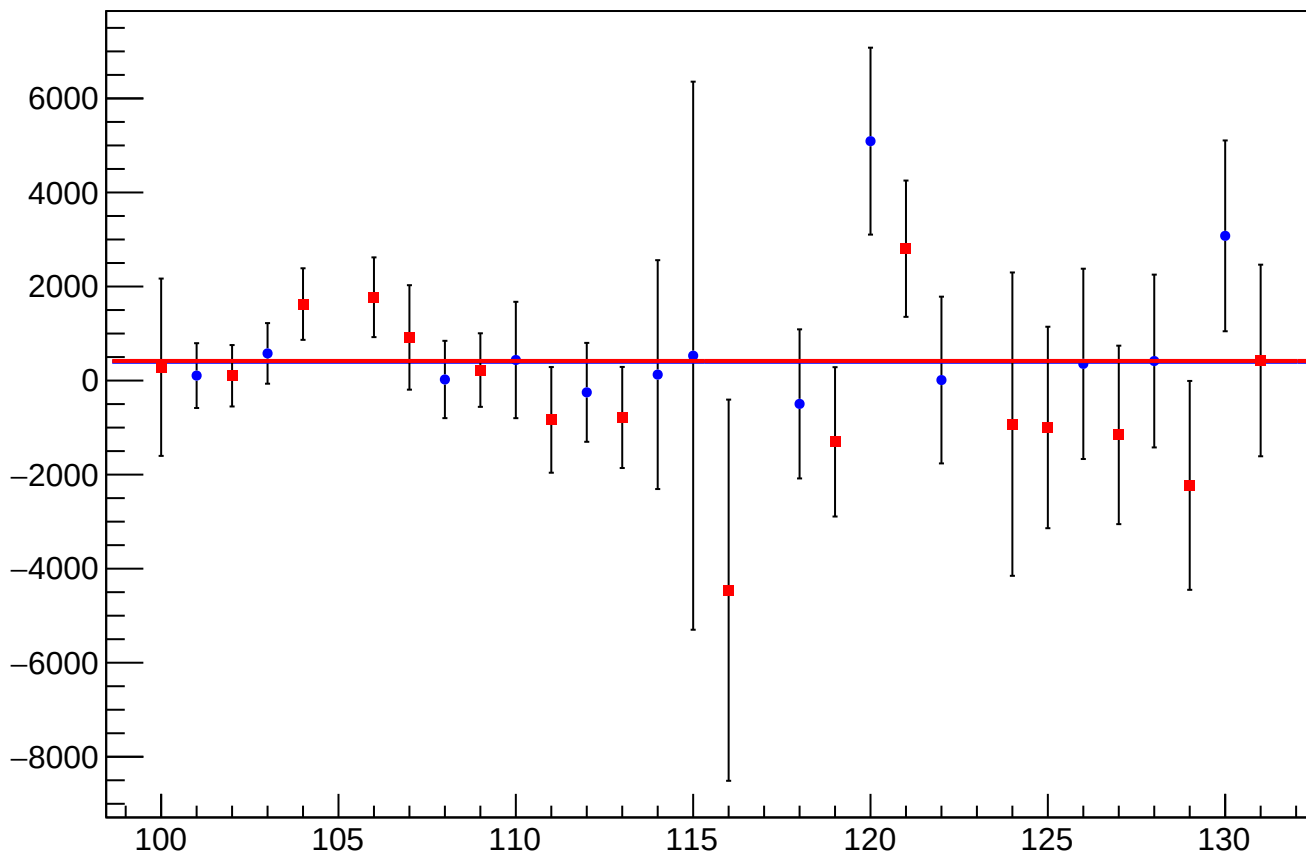
Right: 98.573+/-0.021 χ^2/NDF : 1773134.9/28

In: 100.873+/-0.032 χ^2/NDF :816220.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.573+/-0.021 χ^2/NDF : 1773134.9/28

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.297+/-290.928 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

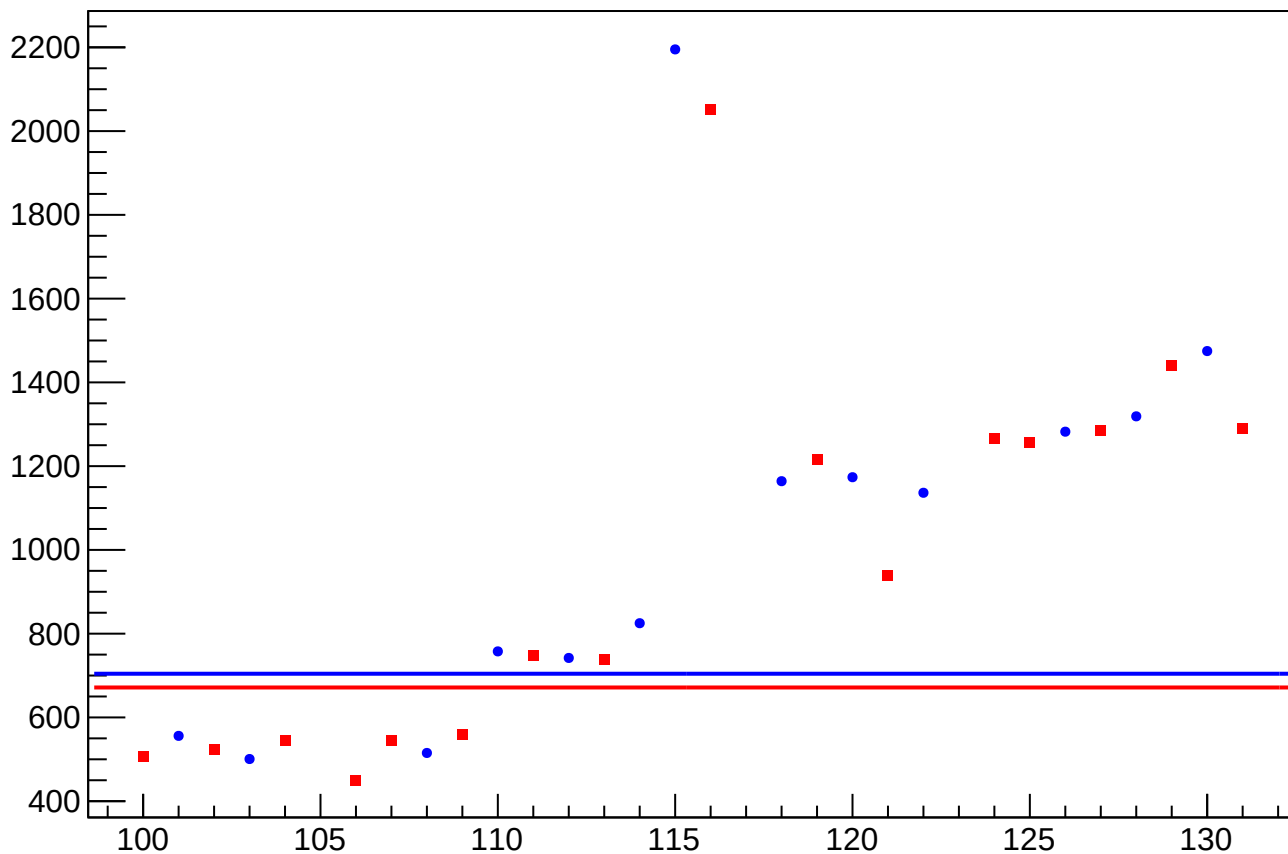
Right: 409.422+/-216.589 χ^2/NDF : 24.7/28

In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.422+/-216.589 χ^2/NDF : 24.7/28

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 704.321+/-0.229 χ^2/NDF : 1614242.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 671.497+/-0.206 χ^2/NDF : 1779404.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

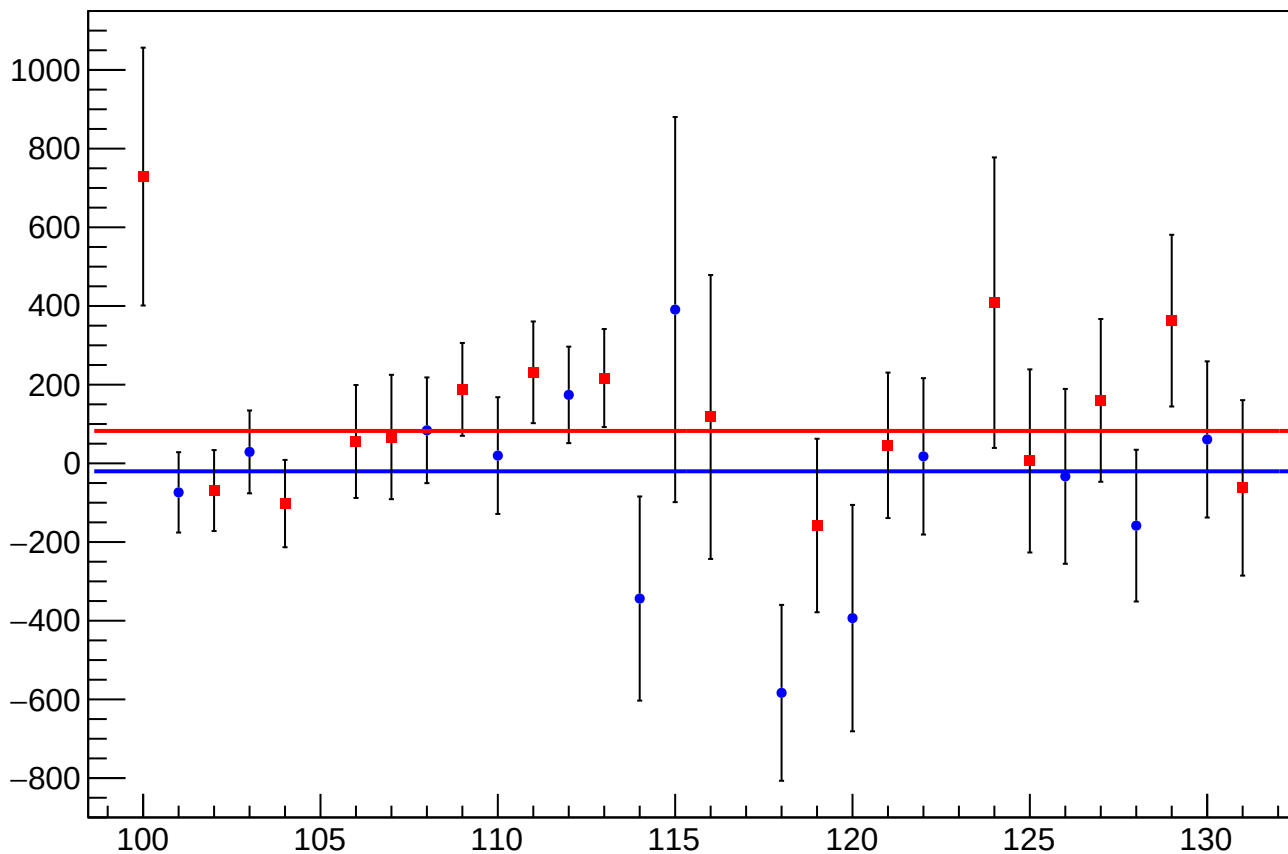
Right: 686.129+/-0.153 χ^2/NDF : 3404994.9/28

In: 704.321+/-0.229 χ^2/NDF :1614242.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 686.129+/-0.153 χ^2/NDF : 3404994.9/28

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -20.196 $\pm$ 44.618 χ^2/NDF : 14.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 82.421 $\pm$ 40.248 χ^2/NDF : 16.5/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

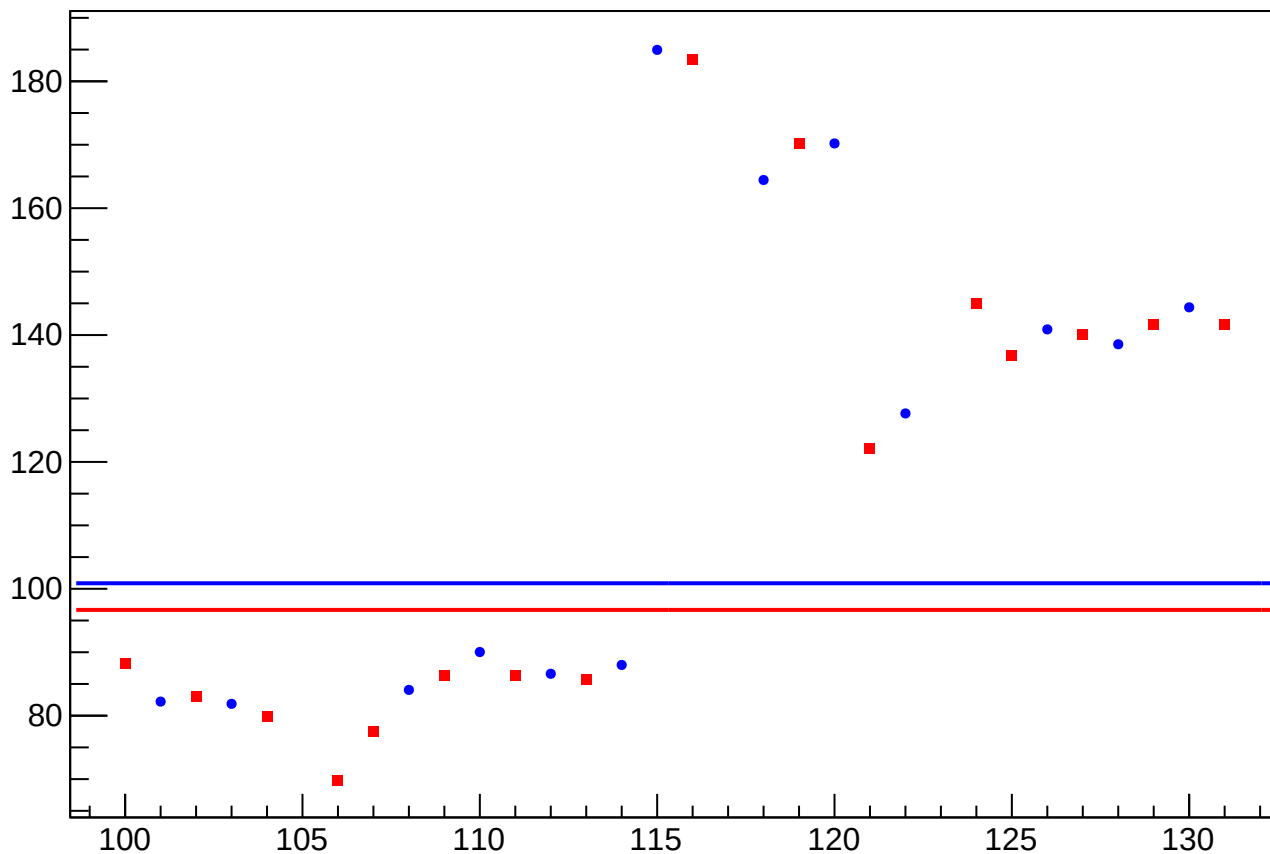
Right: 36.382 $\pm$ 29.886 χ^2/NDF : 34.1/28

In: -20.196 $\pm$ 44.618 χ^2/NDF : 14.7/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 36.382 $\pm$ 29.886 χ^2/NDF : 34.1/28

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.674+/-0.028 χ^2/NDF : 949274.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

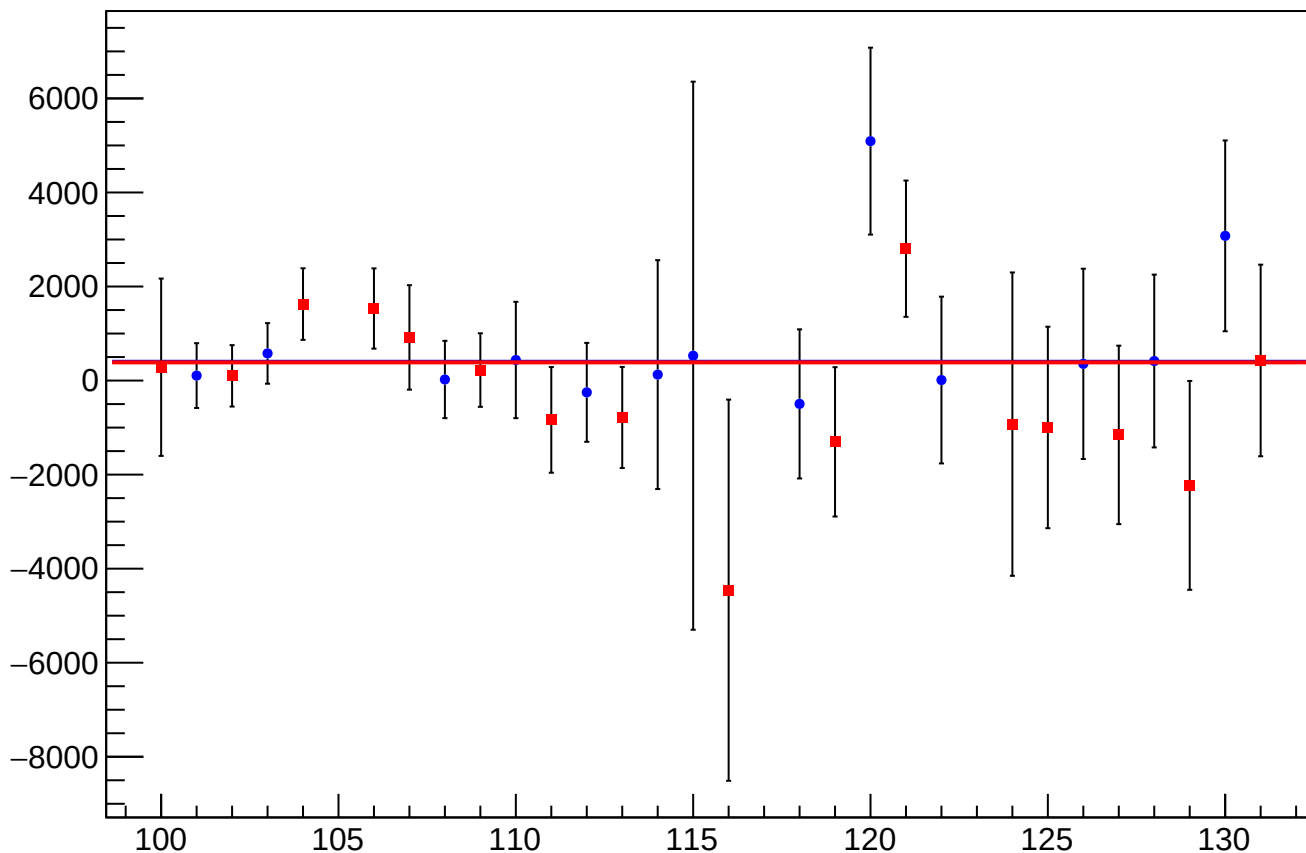
Right: 98.558+/-0.021 χ^2/NDF : 1775259.4/28

In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.558+/-0.021 χ^2/NDF : 1775259.4/28

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.057+/-291.152 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

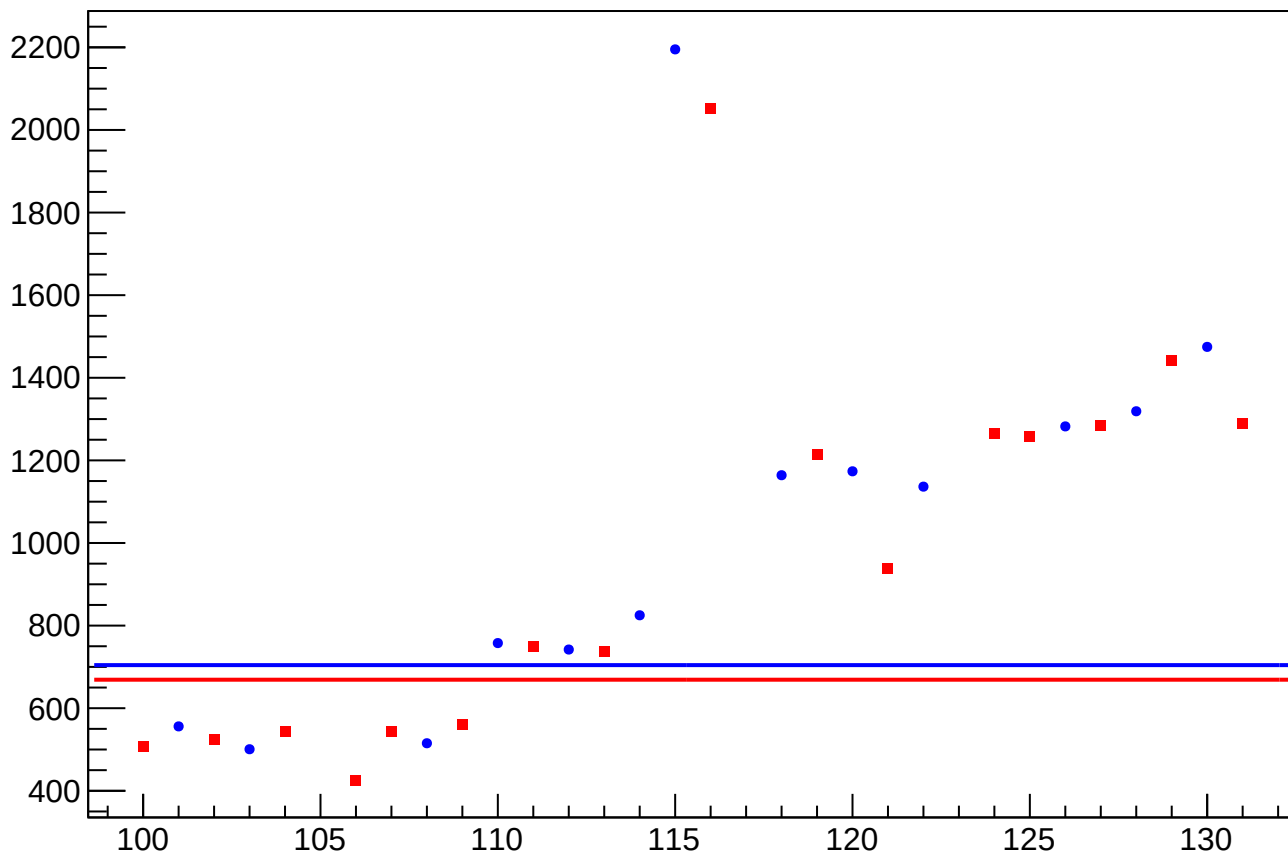
Right: 392.667+/-216.681 χ^2/NDF : 23.8/28

In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.667+/-216.681 χ^2/NDF : 23.8/28

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.000+/-0.206 χ^2/NDF : 1808892.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

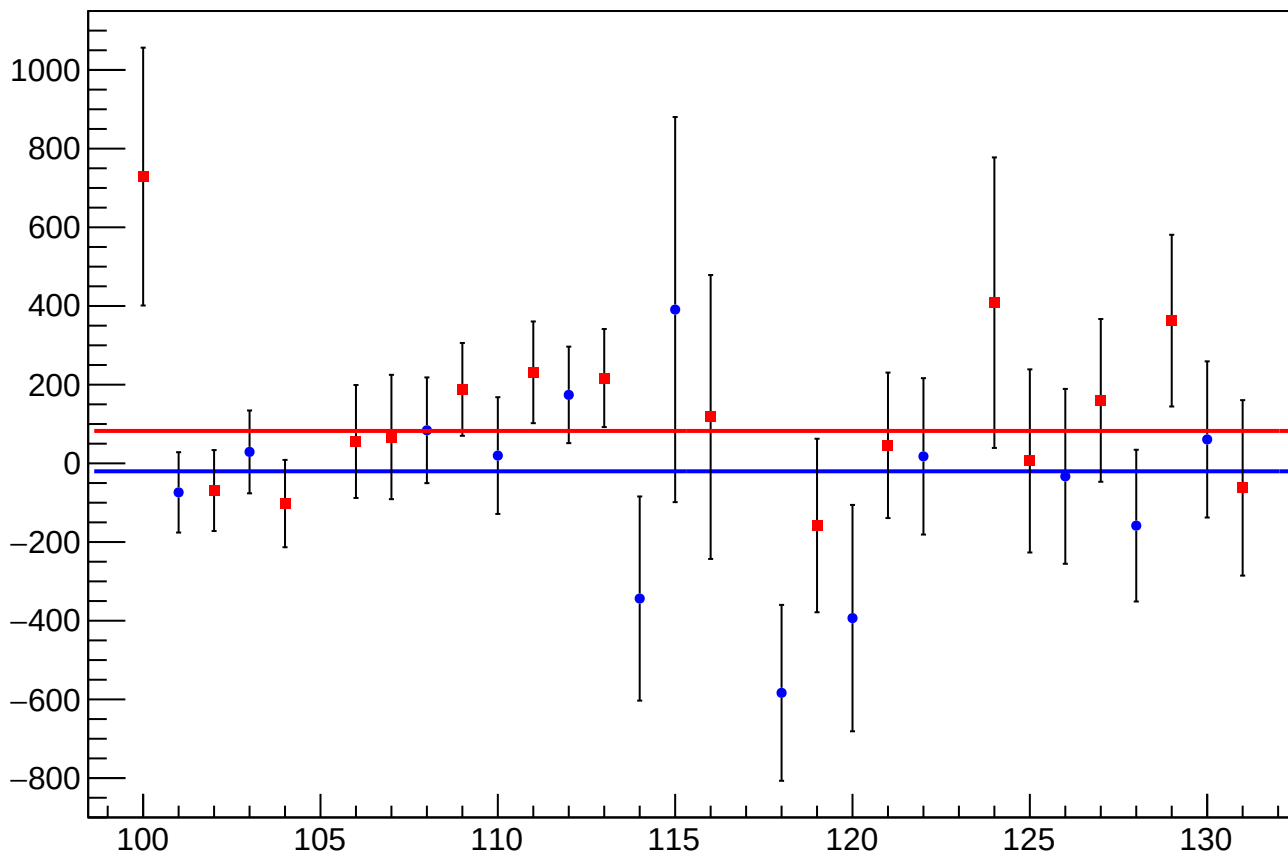
Right: 684.758+/-0.153 χ^2/NDF : 3436266.4/28

In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.758+/-0.153 χ^2/NDF : 3436266.4/28

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.421+/-40.248 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

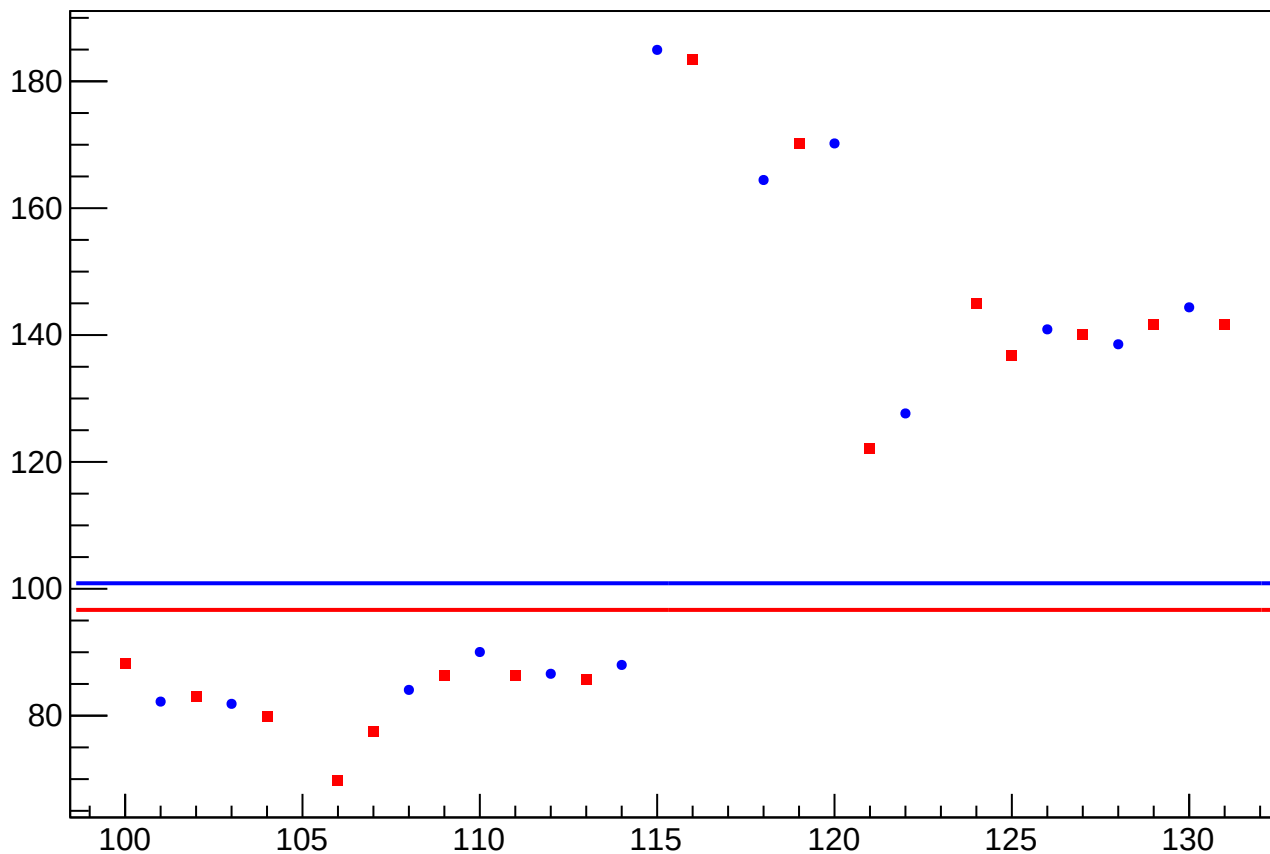
Right: 36.382+/-29.886 χ^2/NDF : 34.1/28

In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.382+/-29.886 χ^2/NDF : 34.1/28

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.674+/-0.028 χ^2/NDF : 949274.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

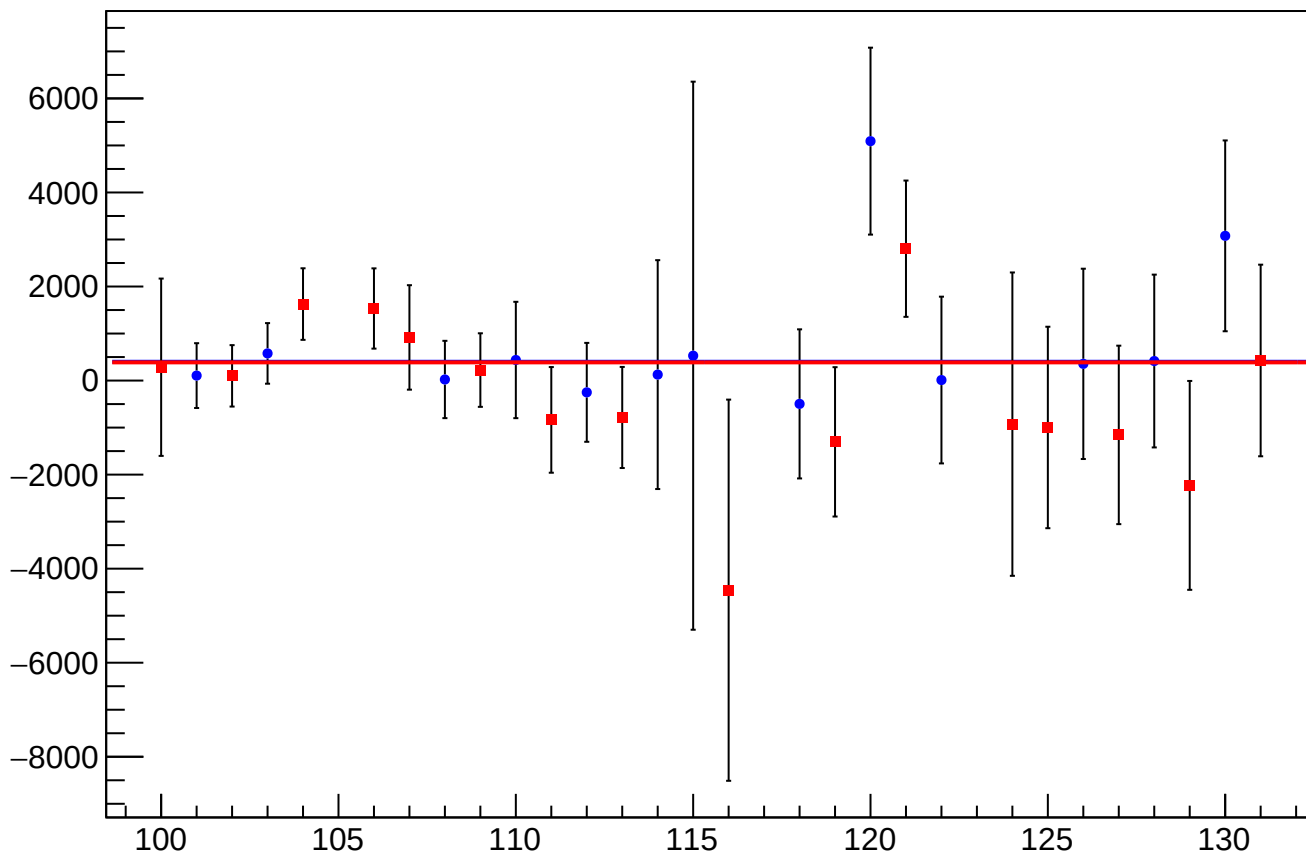
Right: 98.558+/-0.021 χ^2/NDF : 1775259.4/28

In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.558+/-0.021 χ^2/NDF : 1775259.4/28

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 387.057+/-291.152 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

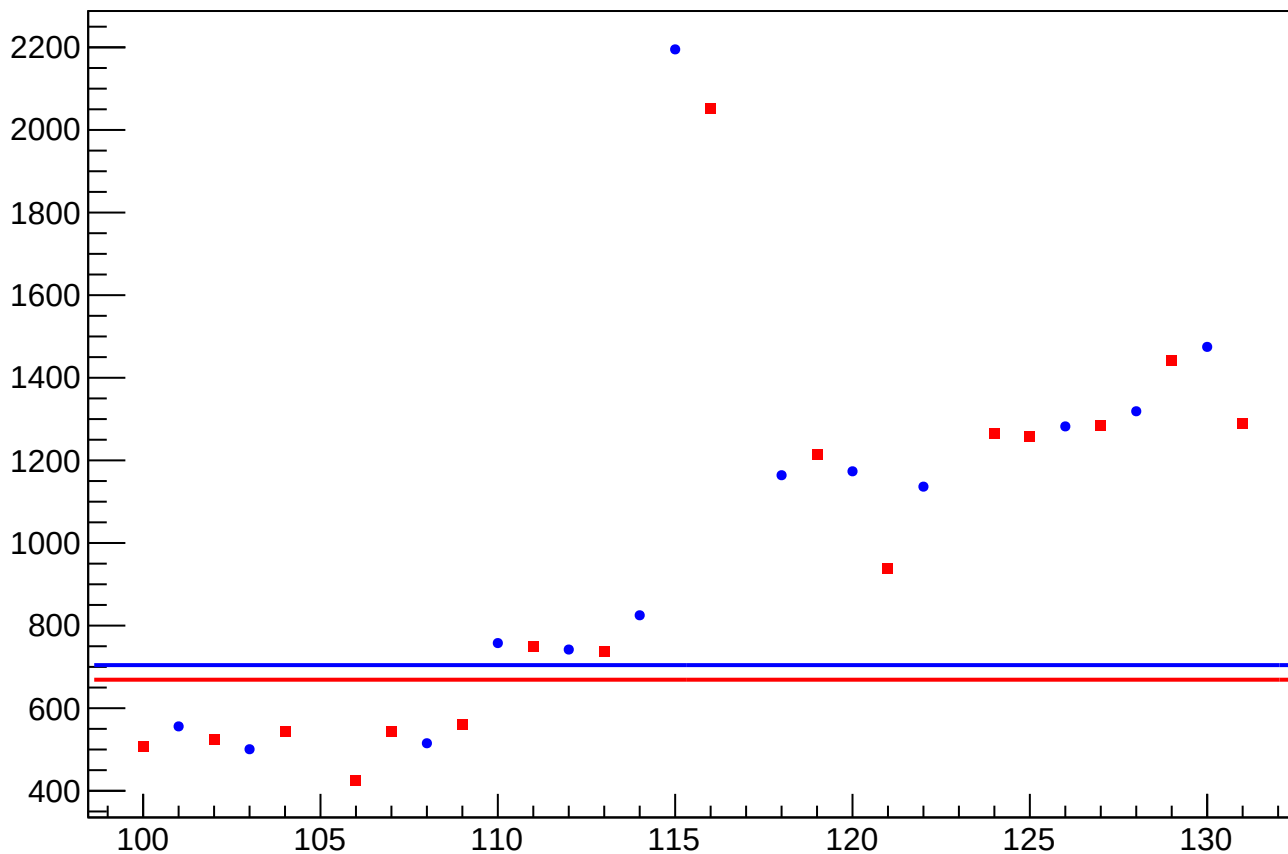
Right: 392.667+/-216.681 χ^2/NDF : 23.8/28

In: 399.631+/-324.404 χ^2/NDF :8.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 392.667+/-216.681 χ^2/NDF : 23.8/28

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.000+/-0.206 χ^2/NDF : 1808892.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

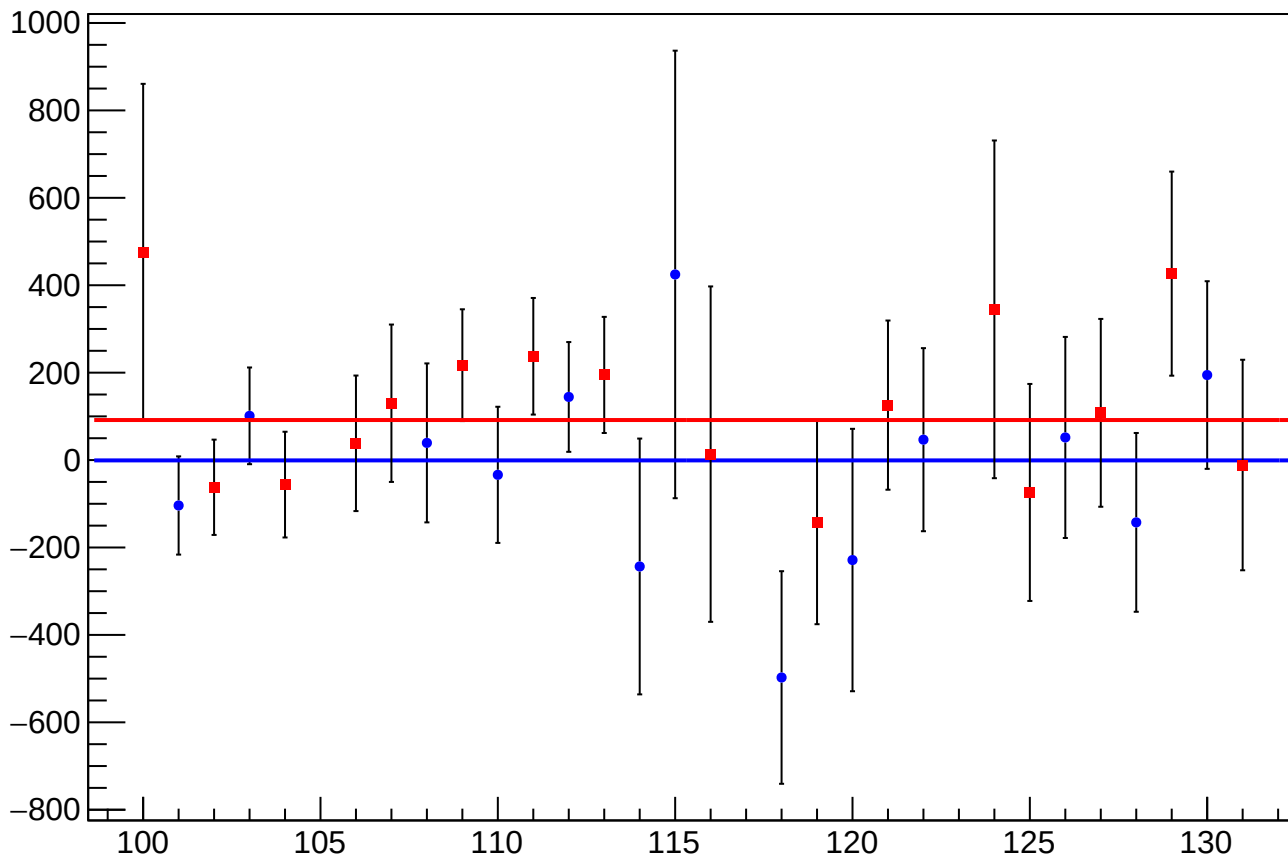
Right: 684.758+/-0.153 χ^2/NDF : 3436266.4/28

In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.758+/-0.153 χ^2/NDF : 3436266.4/28

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -0.735 ± 48.417 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 91.617 ± 43.117 χ^2/NDF : 11.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

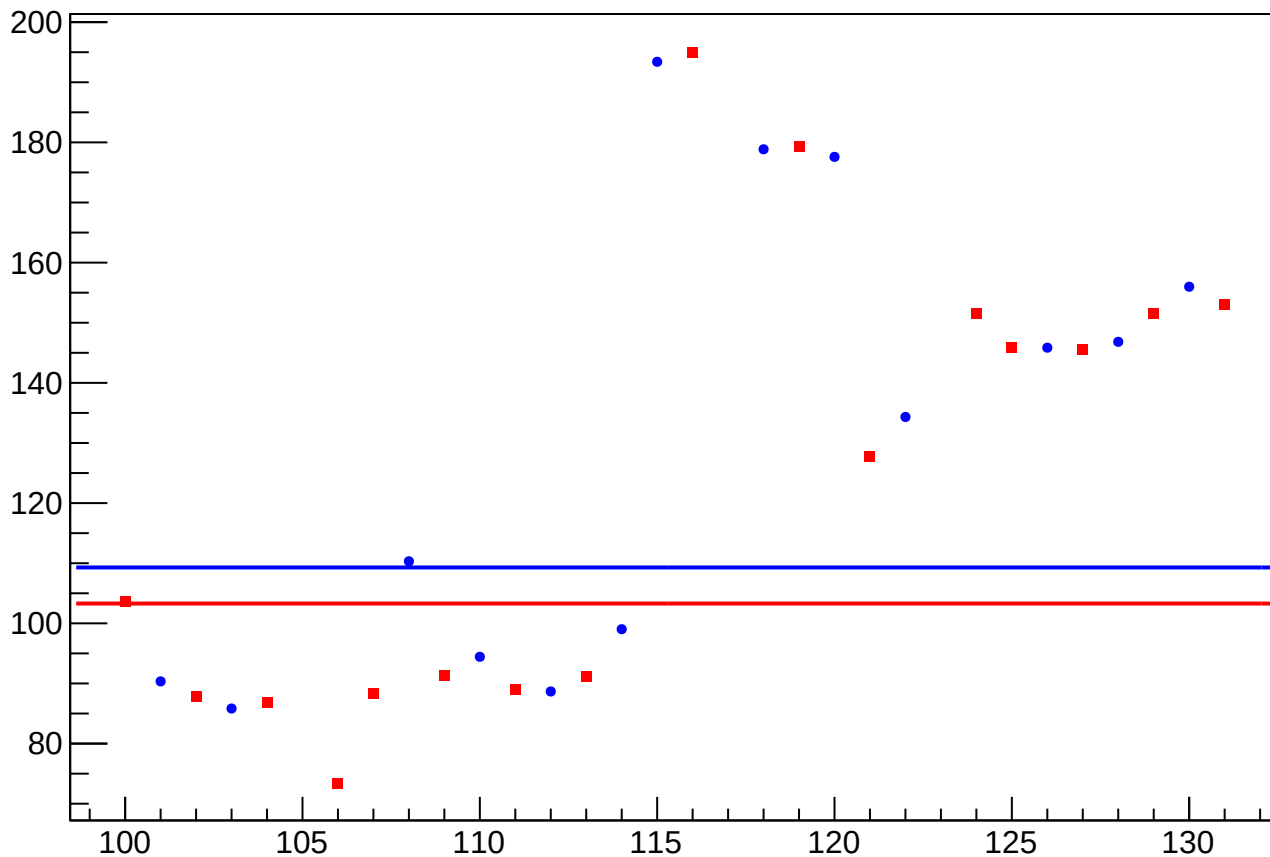
Right: 50.770 ± 32.200 χ^2/NDF : 24.3/28

In: -0.735 ± 48.417 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 50.770 ± 32.200 χ^2/NDF : 24.3/28

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 109.295 $\pm$ 0.034 χ^2 /NDF: 783713.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.295 $\pm$ 0.030 χ^2 /NDF: 920207.7/15

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

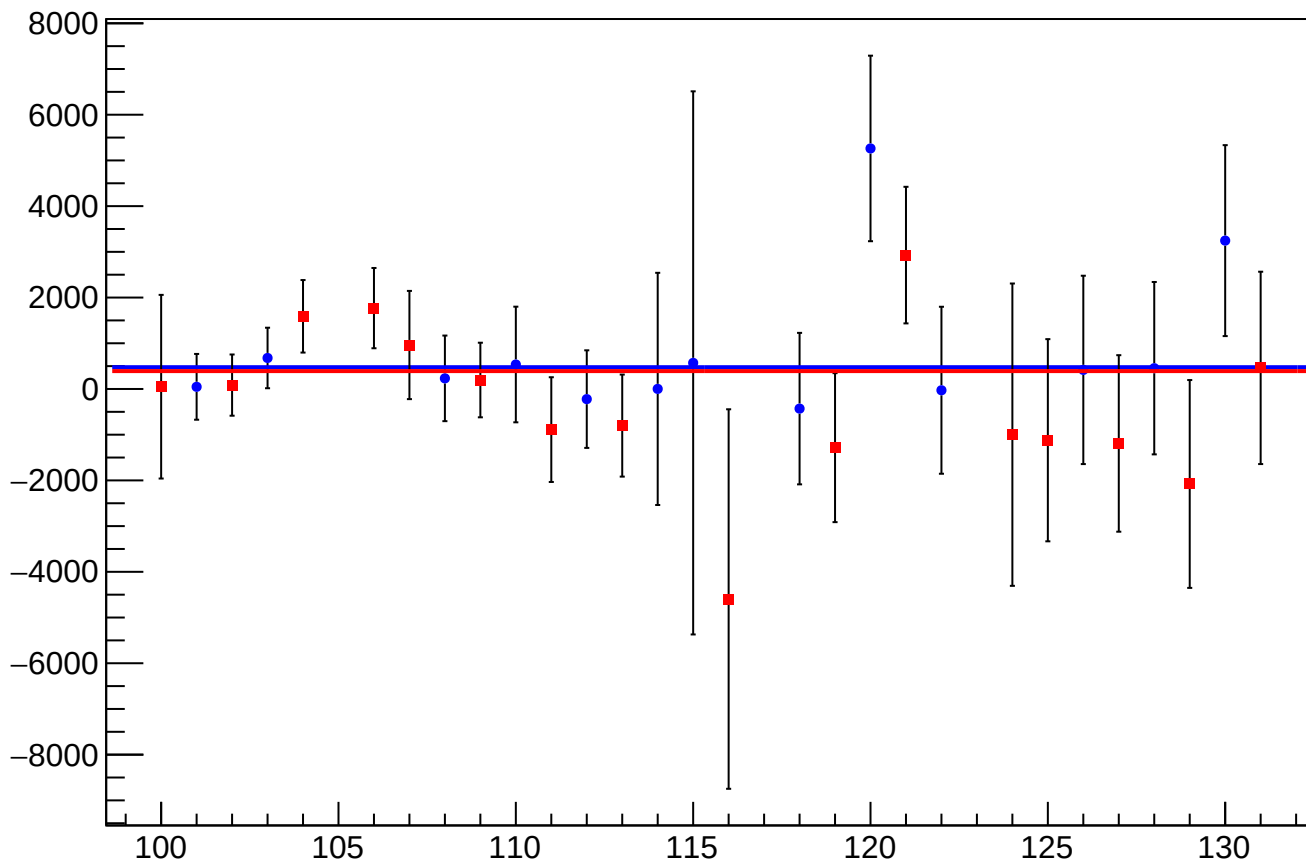
Right: 105.949 $\pm$ 0.023 χ^2 /NDF: 1721048.5/28

In: 109.295 $\pm$ 0.034 χ^2 /NDF:783713.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.949 $\pm$ 0.023 χ^2 /NDF: 1721048.5/28

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.620+/-339.168 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.216+/-301.369 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

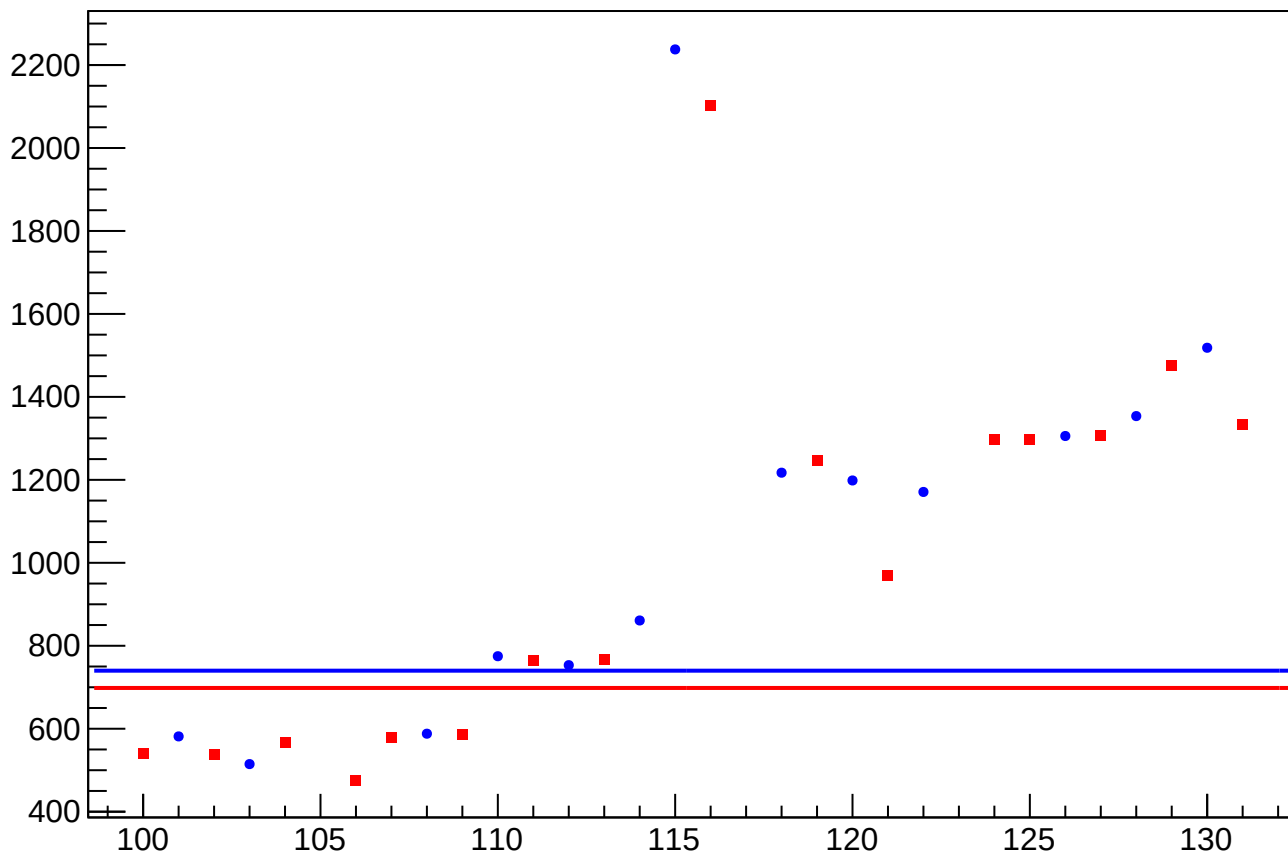
Right: 428.896+/-225.283 χ^2/NDF : 24.3/28

In: 476.620+/-339.168 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.896+/-225.283 χ^2/NDF : 24.3/28

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 739.957+/-0.240 χ^2/NDF : 1534492.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.296+/-0.213 χ^2/NDF : 1731899.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

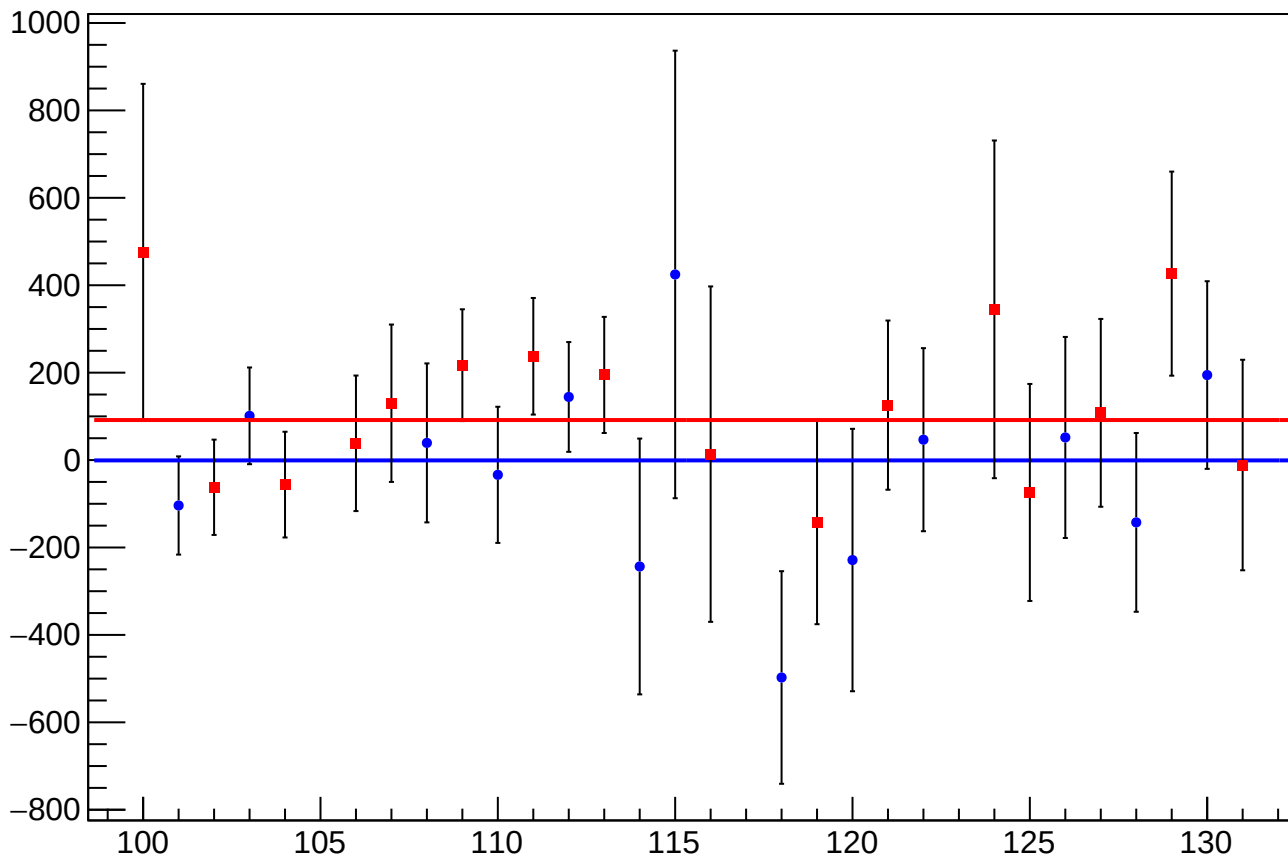
Right: 716.676+/-0.159 χ^2/NDF : 3283253.9/28

In: 739.957+/-0.240 χ^2/NDF : 1534492.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.676+/-0.159 χ^2/NDF : 3283253.9/28

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -0.737+/-48.417 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 91.618+/-43.117 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

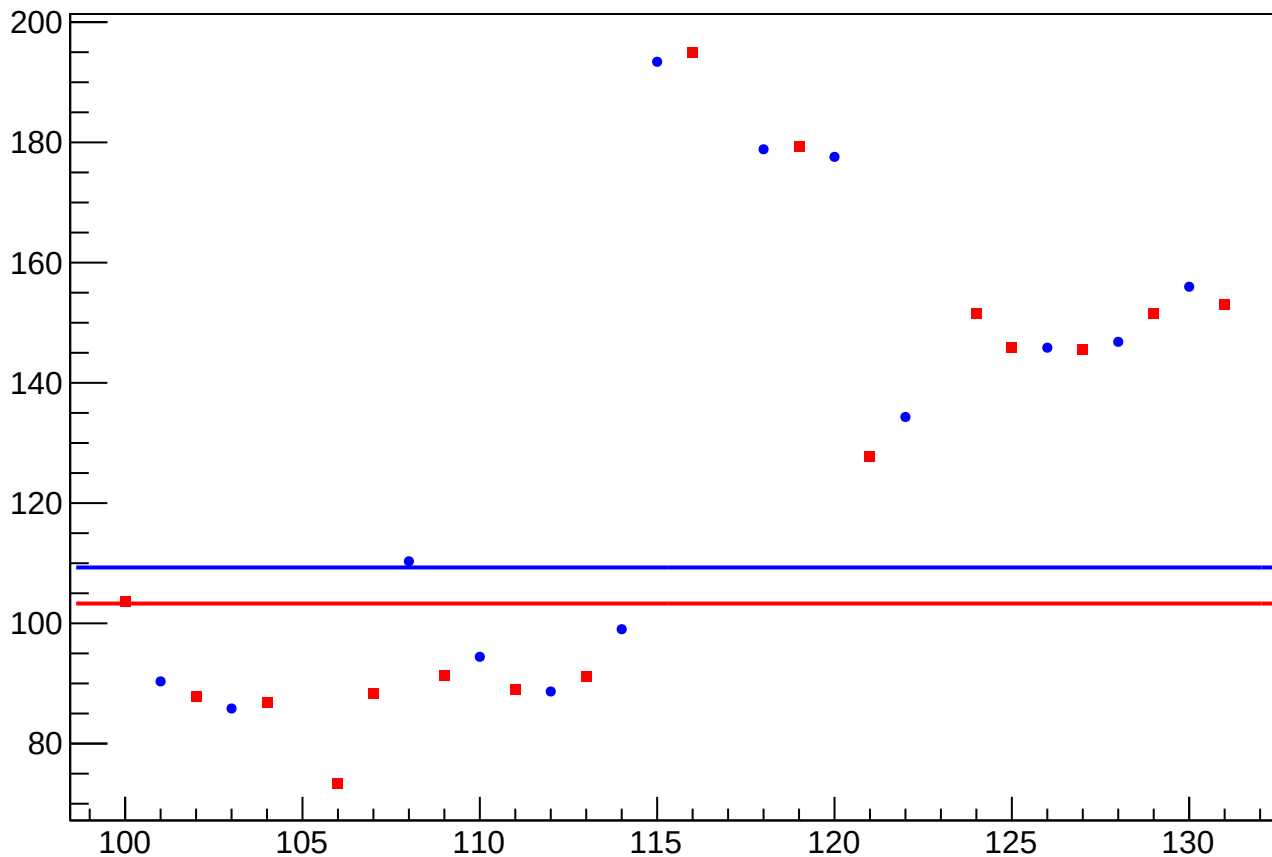
Right: 50.770+/-32.200 χ^2/NDF : 24.3/28

In: -0.737+/-48.417 χ^2/NDF :10.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.770+/-32.200 χ^2/NDF : 24.3/28

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 109.294+/-0.034 χ^2/NDF : 783707.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 103.295+/-0.030 χ^2/NDF : 920198.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

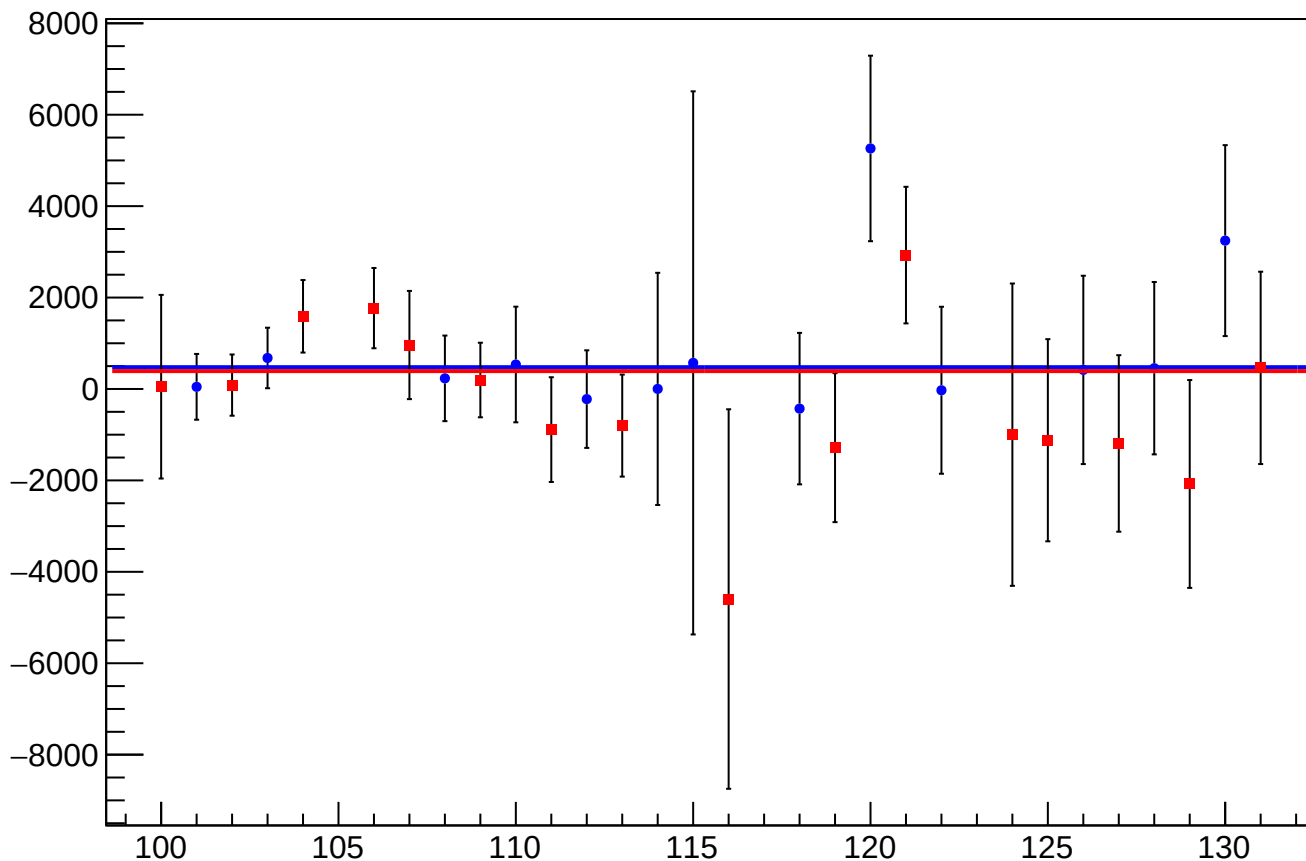
Right: 105.948+/-0.023 χ^2/NDF : 1721032.8/28

In: 109.294+/-0.034 χ^2/NDF :783707.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 105.948+/-0.023 χ^2/NDF : 1721032.8/28

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.620+/-339.167 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.217+/-301.369 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

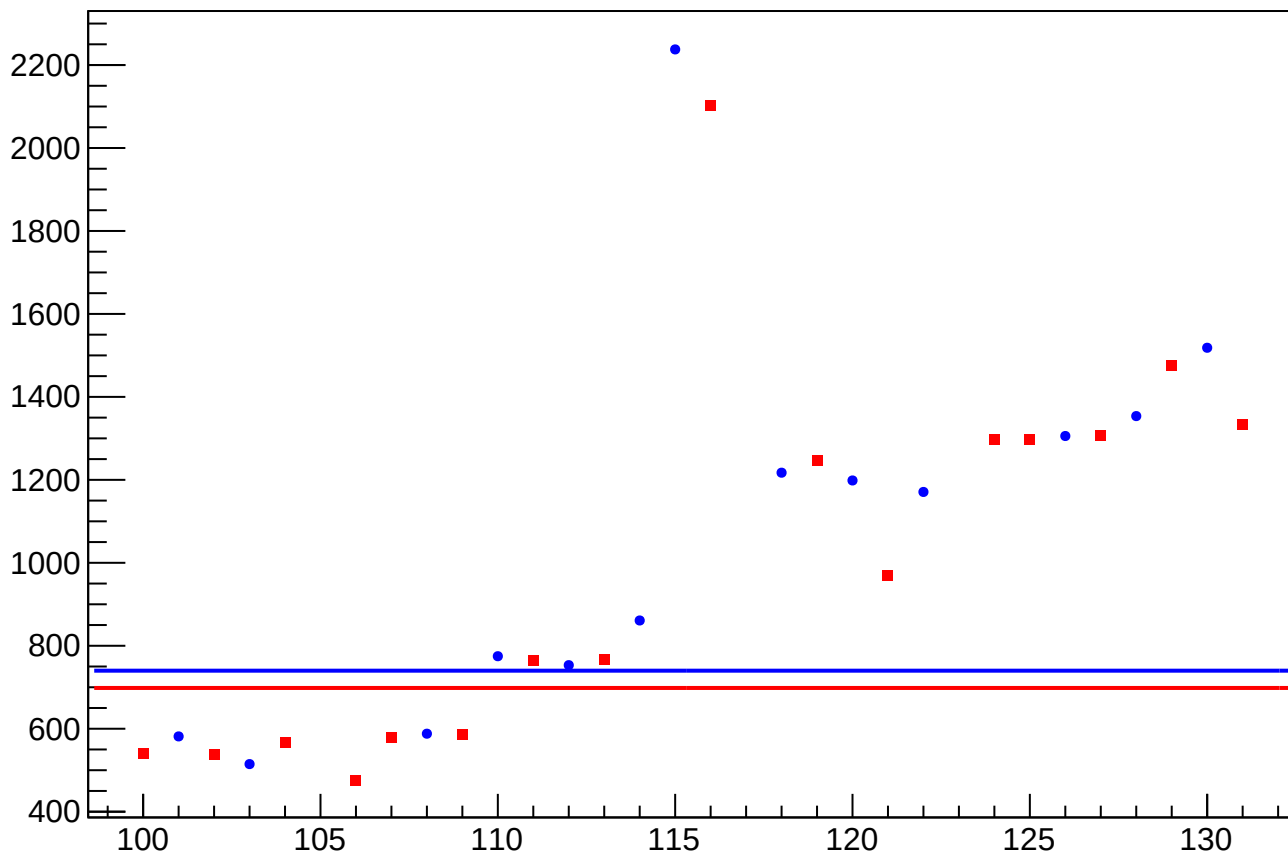
Right: 428.896+/-225.283 χ^2/NDF : 24.3/28

In: 476.620+/-339.167 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.896+/-225.283 χ^2/NDF : 24.3/28

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 739.956+/-0.240 χ^2/NDF : 1534488.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.295+/-0.213 χ^2/NDF : 1731893.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

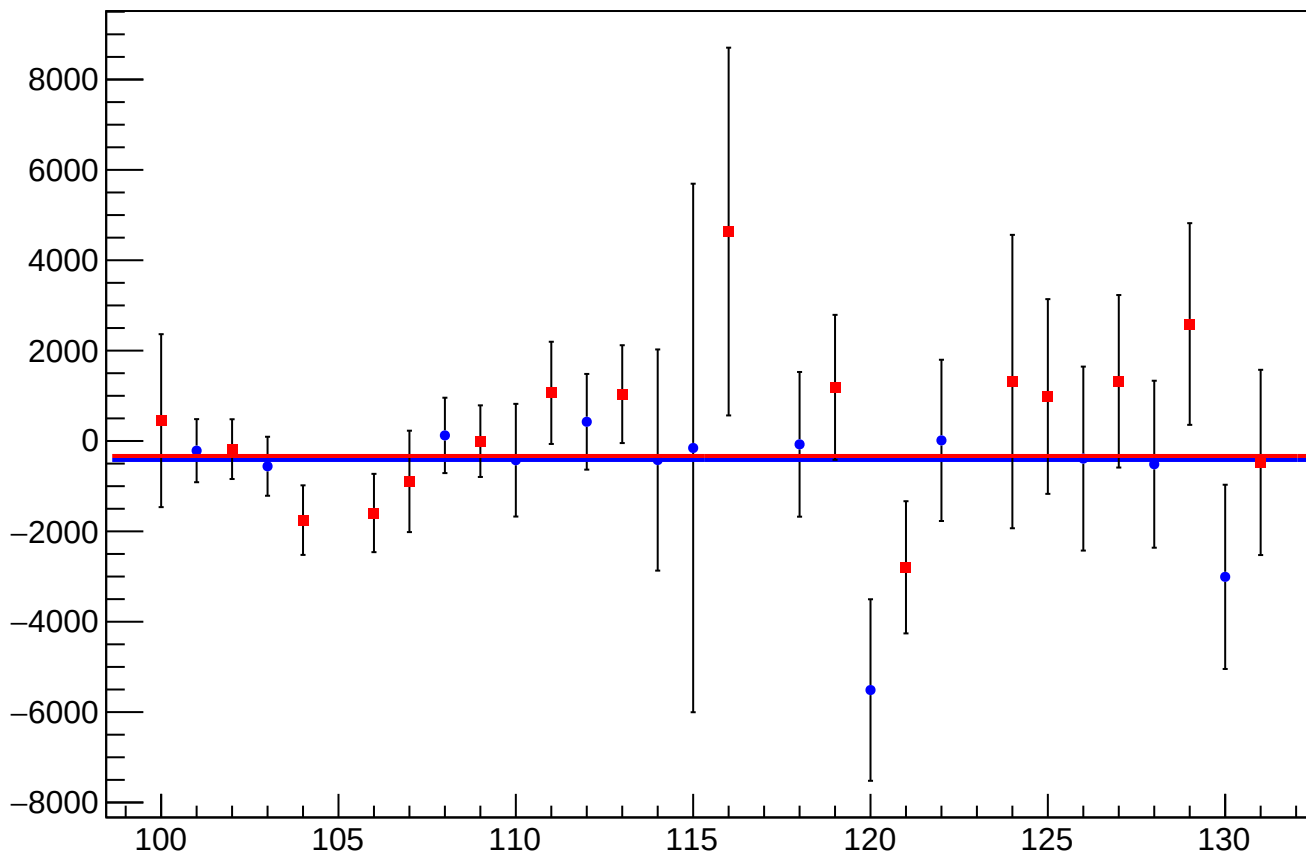
Right: 716.676+/-0.159 χ^2/NDF : 3283244.9/28

In: 739.956+/-0.240 χ^2/NDF : 1534488.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.676+/-0.159 χ^2/NDF : 3283244.9/28

asym_sam5_mean vs Slug, Sign Corrected



Right In: -419.886+/-328.043 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -331.511+/-294.370 χ^2/NDF : 17.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

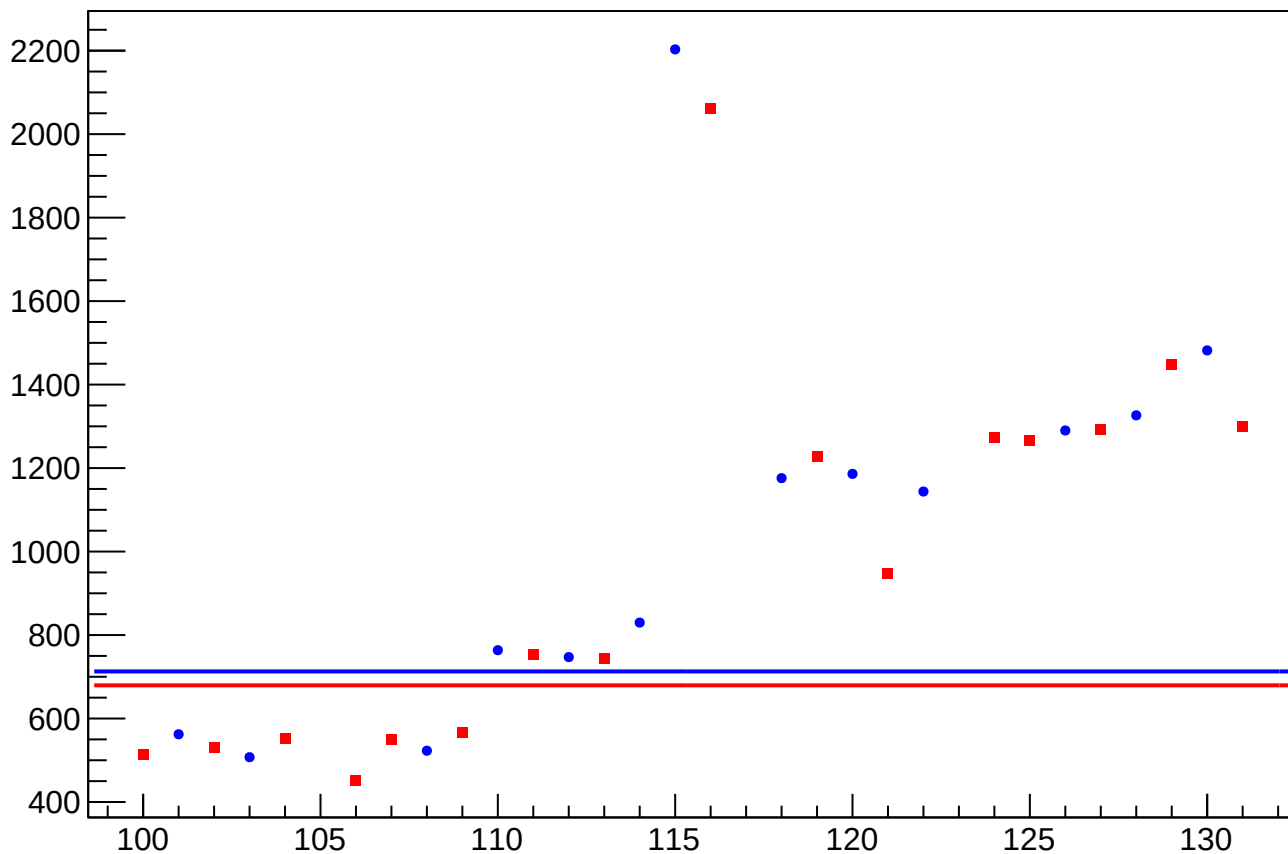
Right: -370.931+/-219.092 χ^2/NDF : 27.0/28

In: -419.886+/-328.043 χ^2/NDF :9.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -370.931+/-219.092 χ^2/NDF : 27.0/28

asym_sam5_rms vs Slug, Sign Corrected



Right In: 712.821+/-0.232 χ^2/NDF : 1595476.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.512+/-0.208 χ^2/NDF : 1763673.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

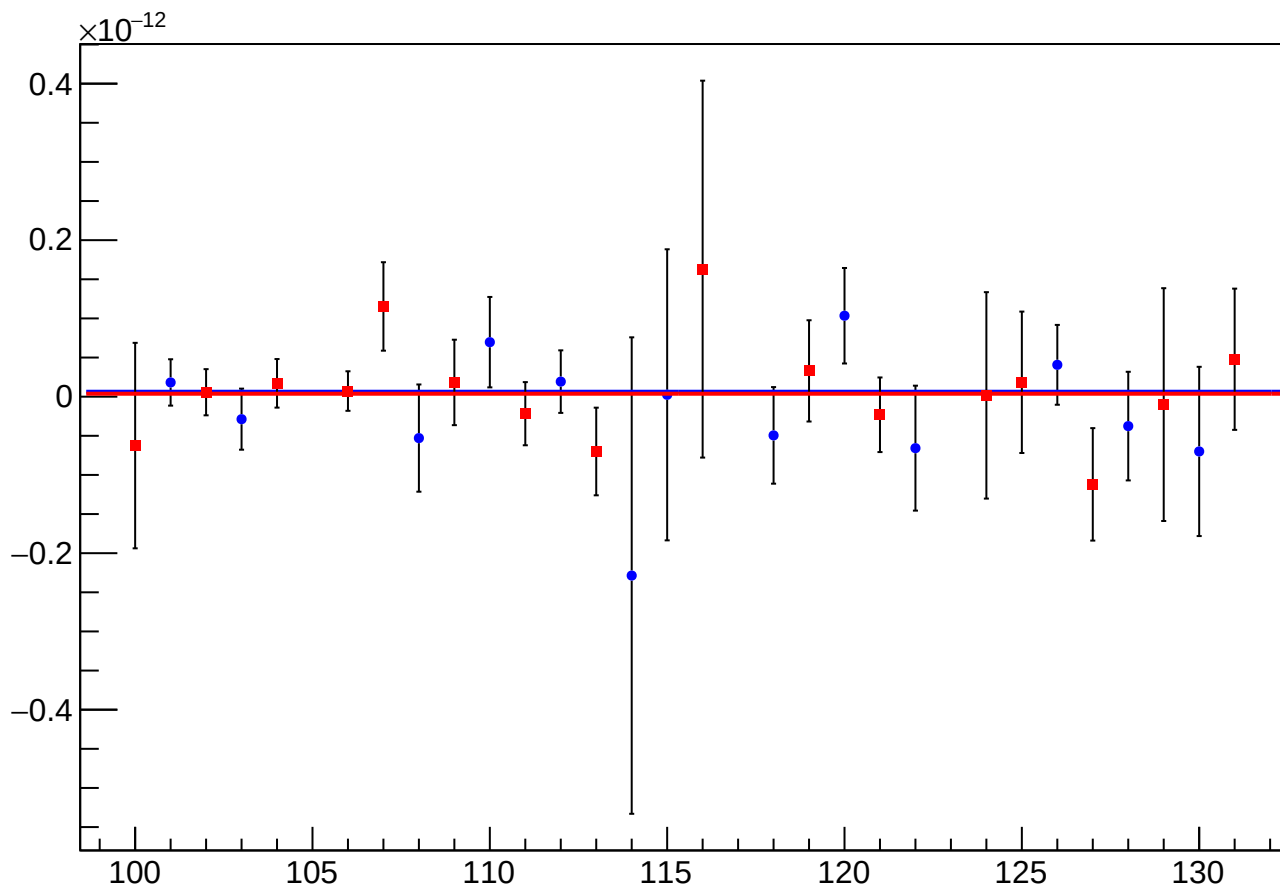
Right: 694.370+/-0.155 χ^2/NDF : 3370572.5/28

In: 712.821+/-0.232 χ^2/NDF : 1595476.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.370+/-0.155 χ^2/NDF : 3370572.5/28

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

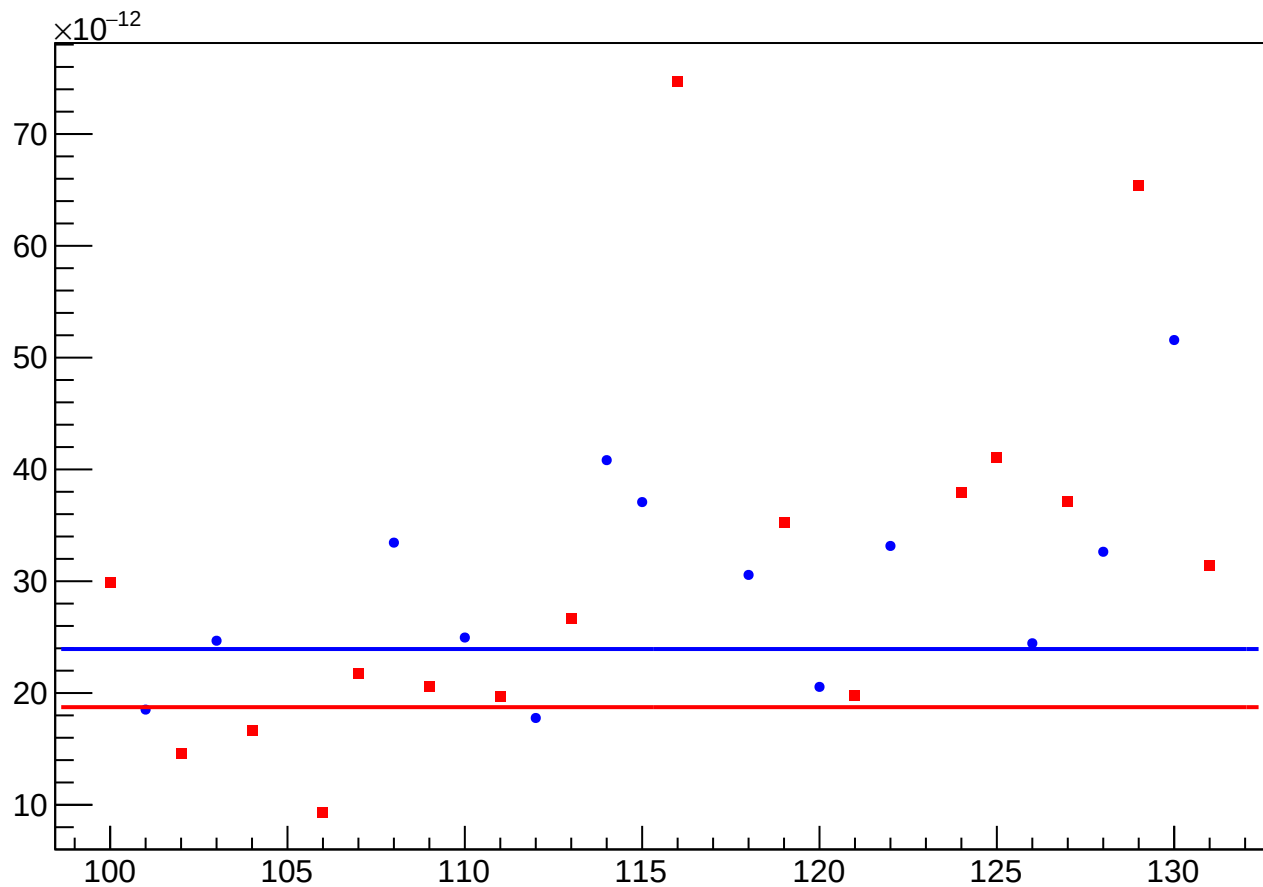
Right: 0.000+/-0.000 χ^2/NDF : 19.5/28

In: 0.000+/-0.000 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/28

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 388755.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1162855.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

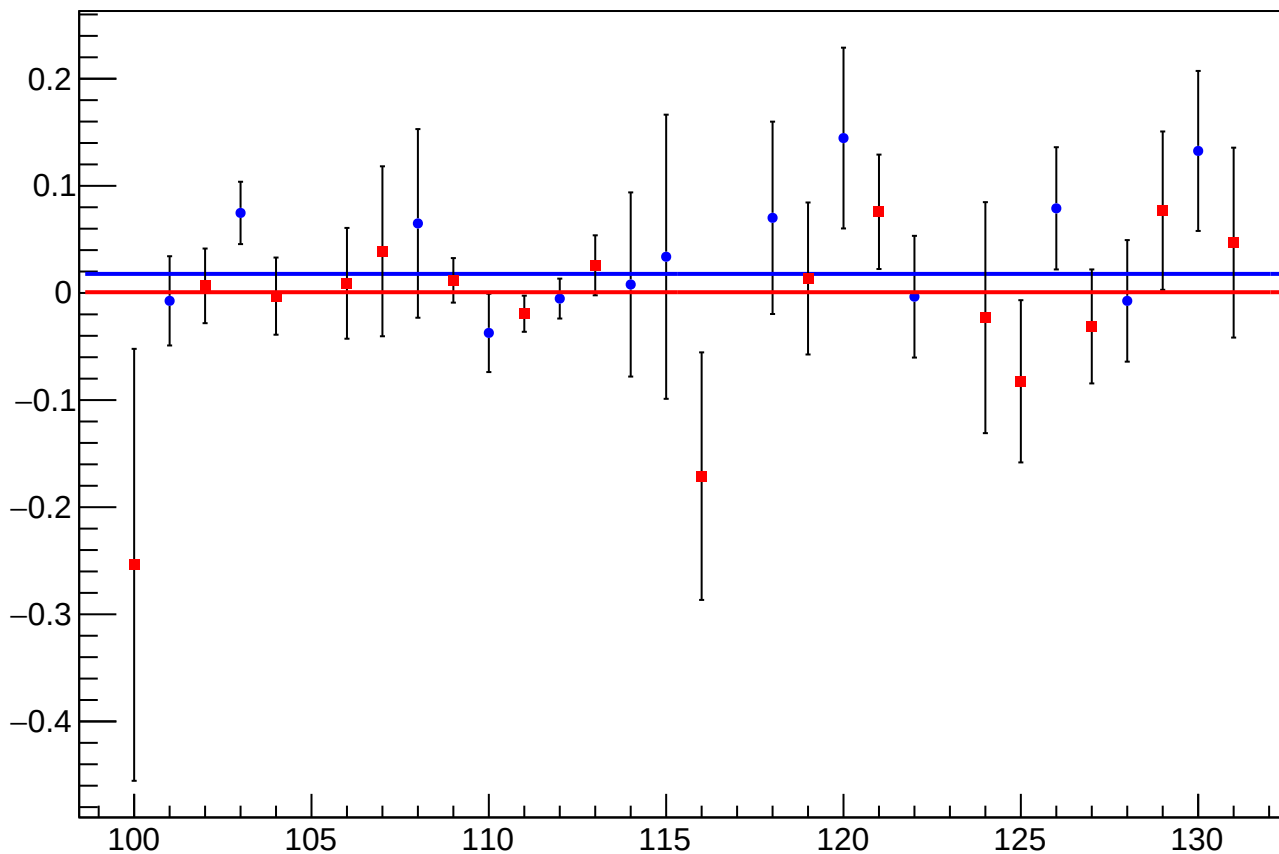
Right: 0.000+/-0.000 χ^2/NDF : 1693410.7/28

In: 0.000+/-0.000 χ^2/NDF : 388755.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1693410.7/28

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

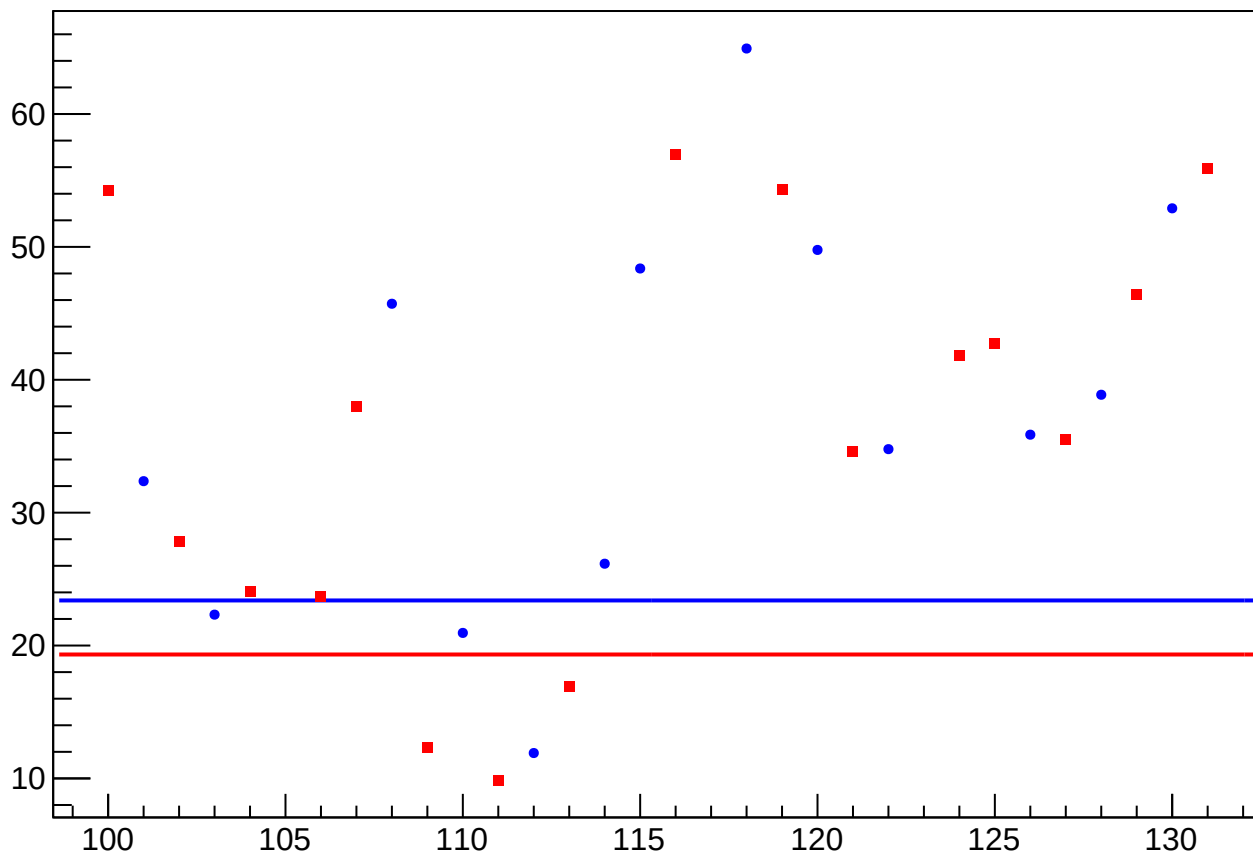
Right: 0.007+/-0.007 χ^2/NDF : 27.6/28

In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.007 χ^2/NDF : 27.6/28

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.326+/-0.007 χ^2/NDF : 3148525.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

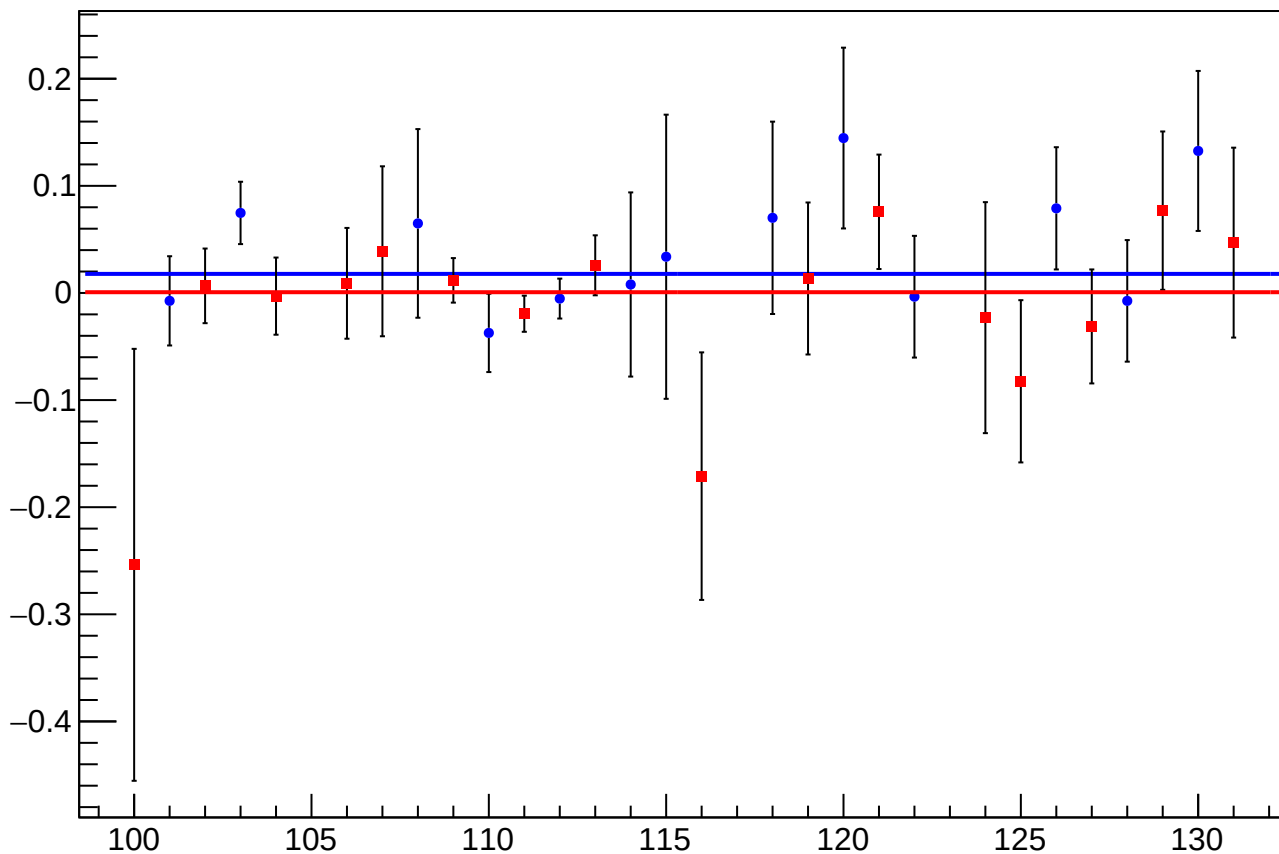
Right: 20.935+/-0.005 χ^2/NDF : 5615933.6/28

In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.935+/-0.005 χ^2/NDF : 5615933.6/28

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

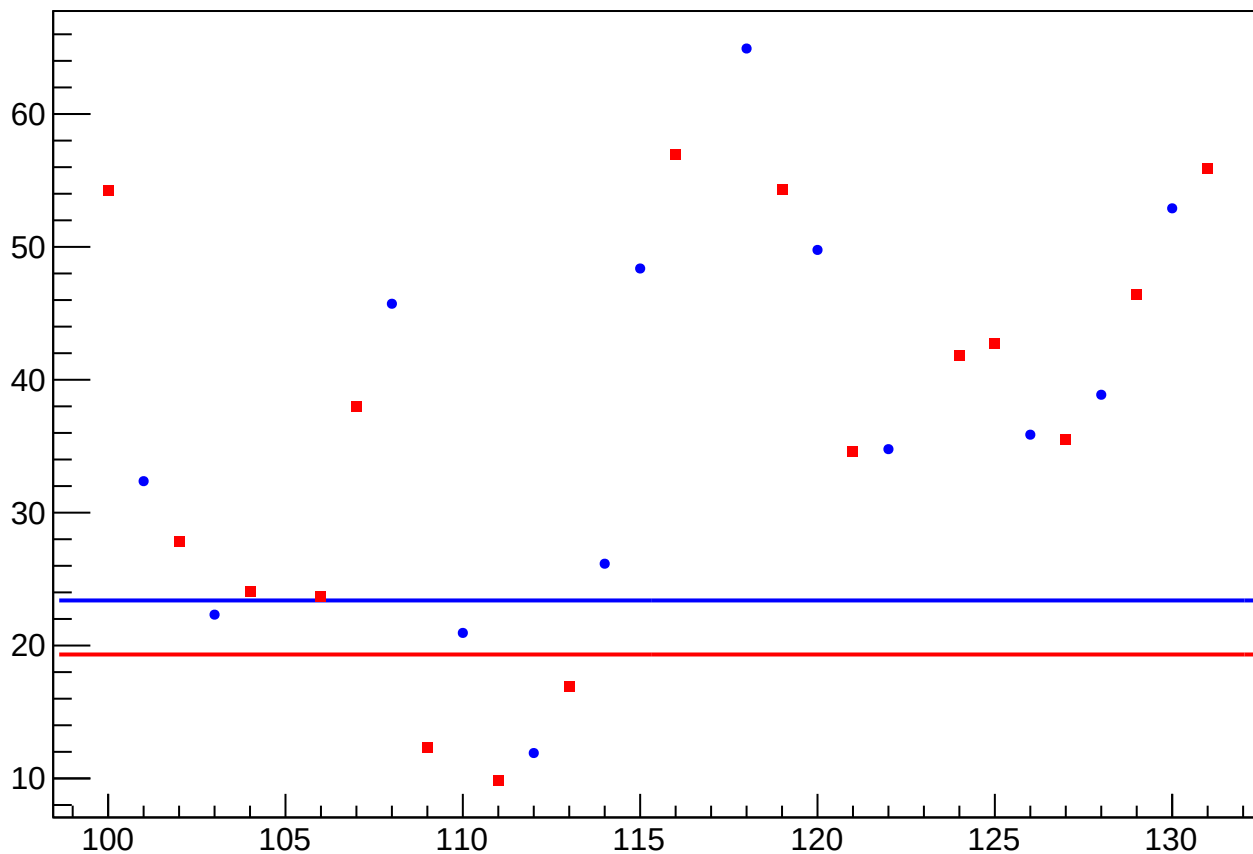
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.6/28

In: 0.018 $\pm$ 0.012 χ^2 /NDF:14.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.6/28

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.326+/-0.007 χ^2/NDF : 3148525.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

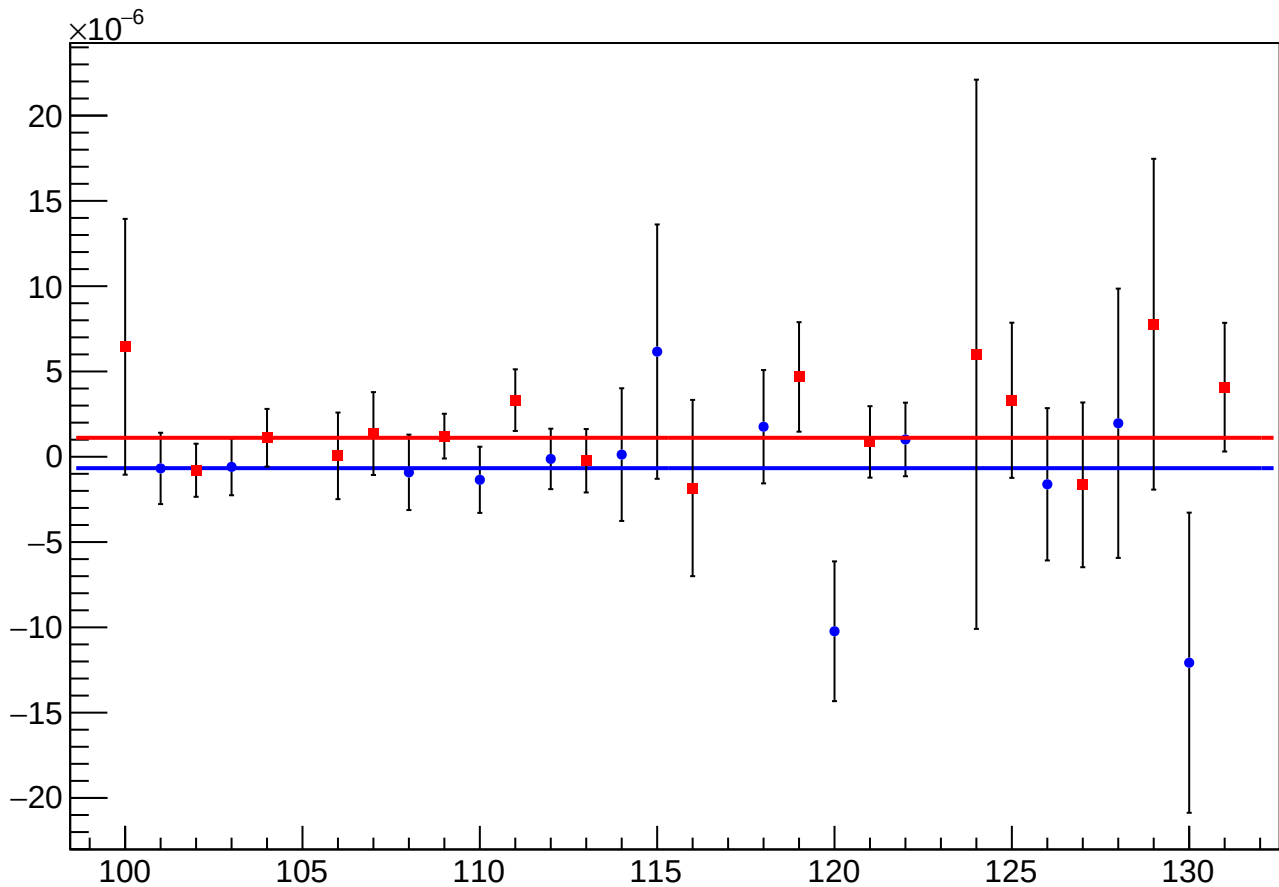
Right: 20.935+/-0.005 χ^2/NDF : 5615933.6/28

In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.935+/-0.005 χ^2/NDF : 5615933.6/28

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

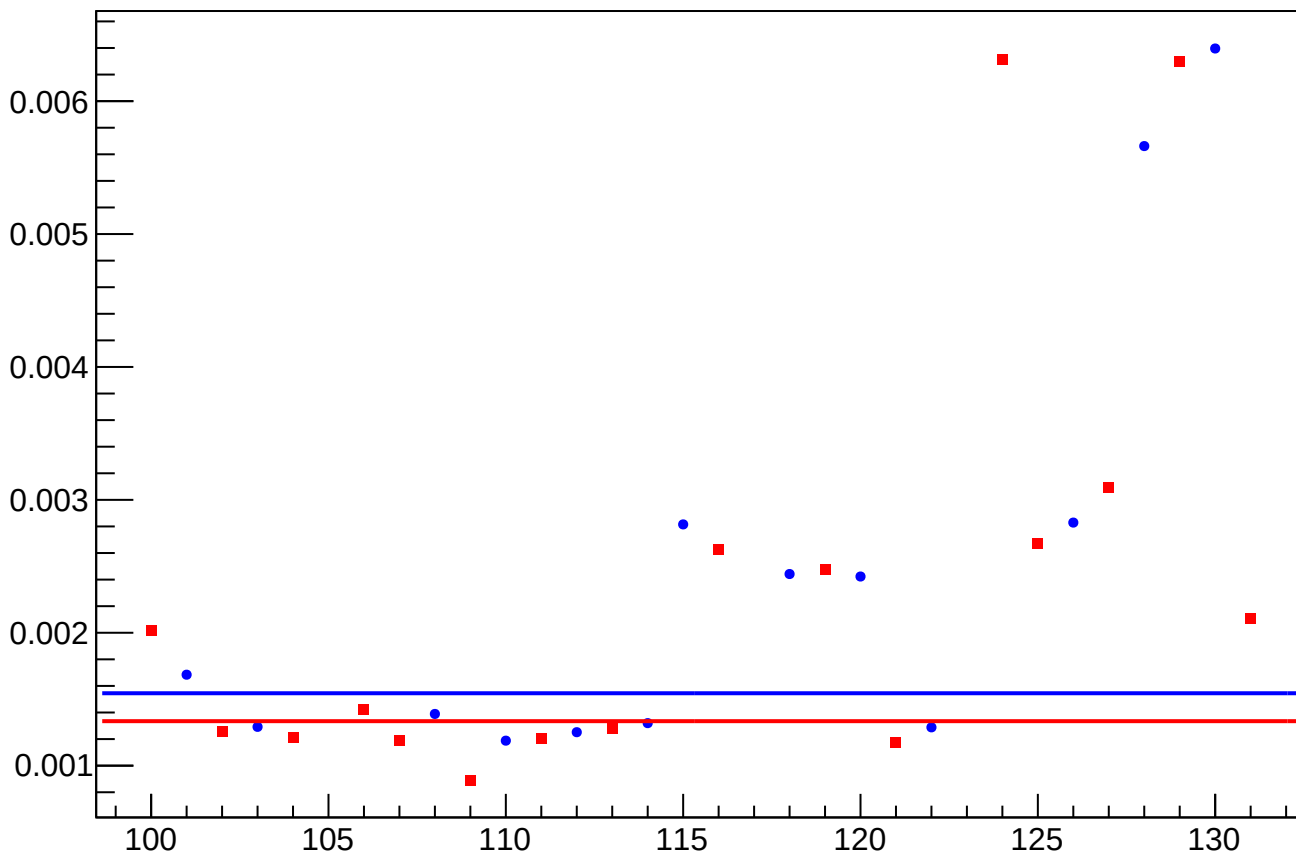
Right: 0.000+/-0.000 χ^2/NDF : 20.7/28

In: -0.000+/-0.000 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/28

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1836116.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1912711.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

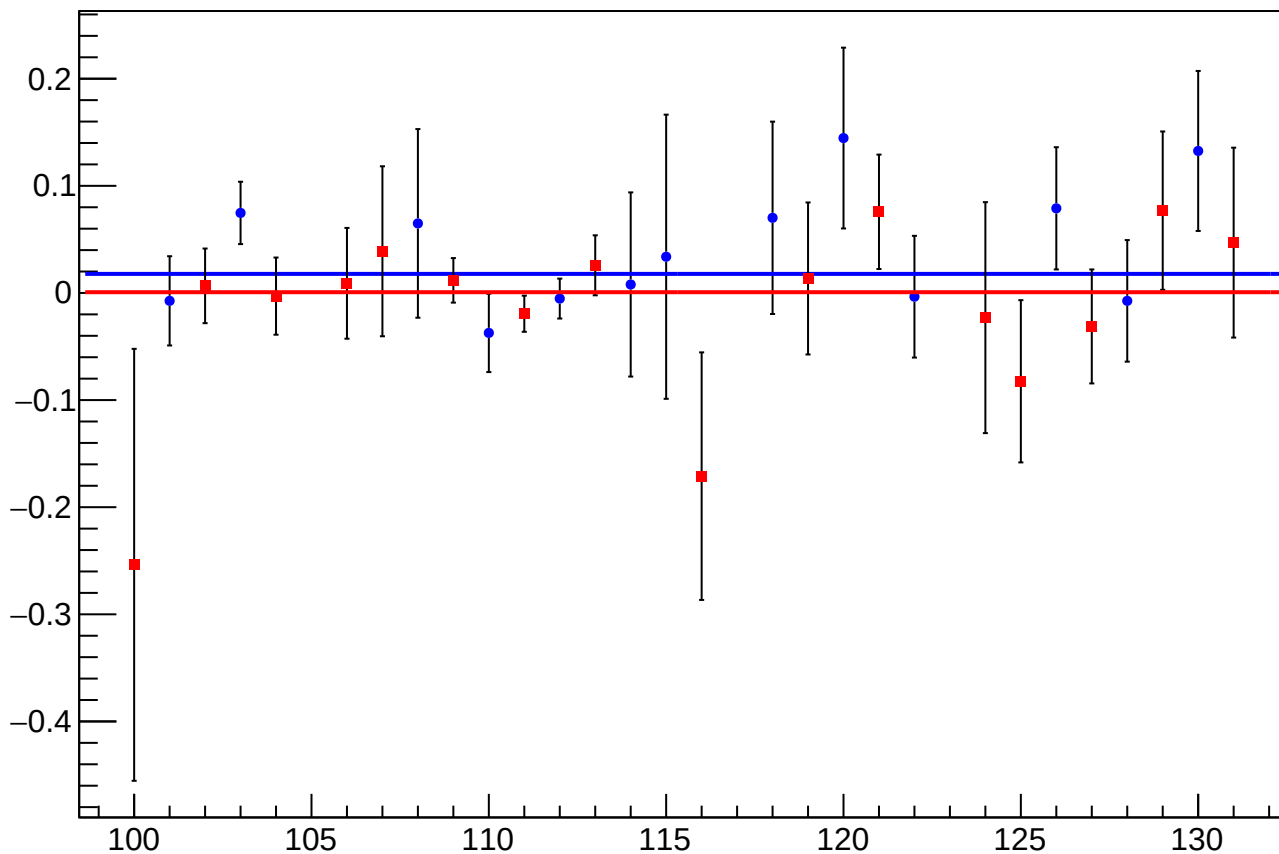
Right: 0.001+/-0.000 χ^2/NDF : 3849292.7/28

In: 0.002+/-0.000 χ^2/NDF : 1836116.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3849292.7/28

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

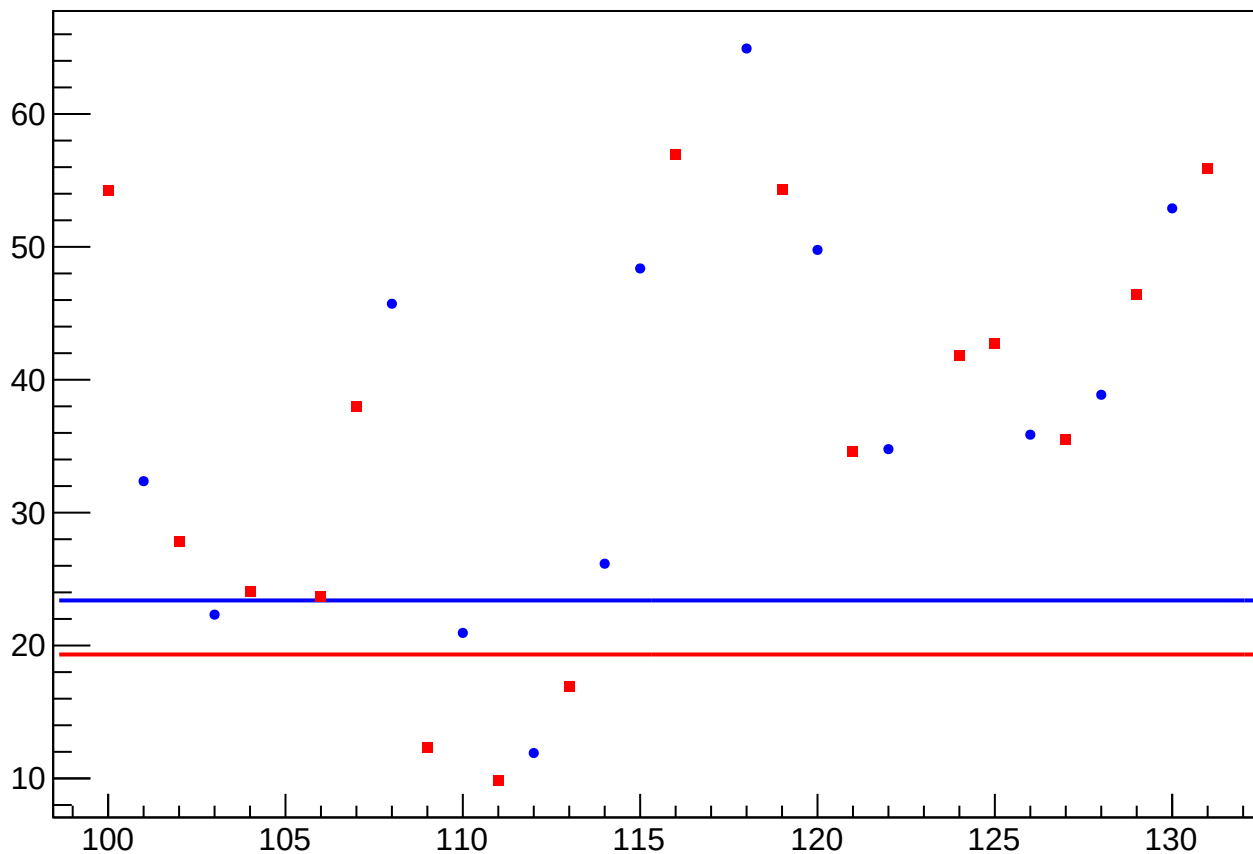
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.6/28

In: 0.018 $\pm$ 0.012 χ^2 /NDF:14.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.6/28

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.392+/-0.008 χ^2/NDF : 2325867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.325+/-0.007 χ^2/NDF : 3148517.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

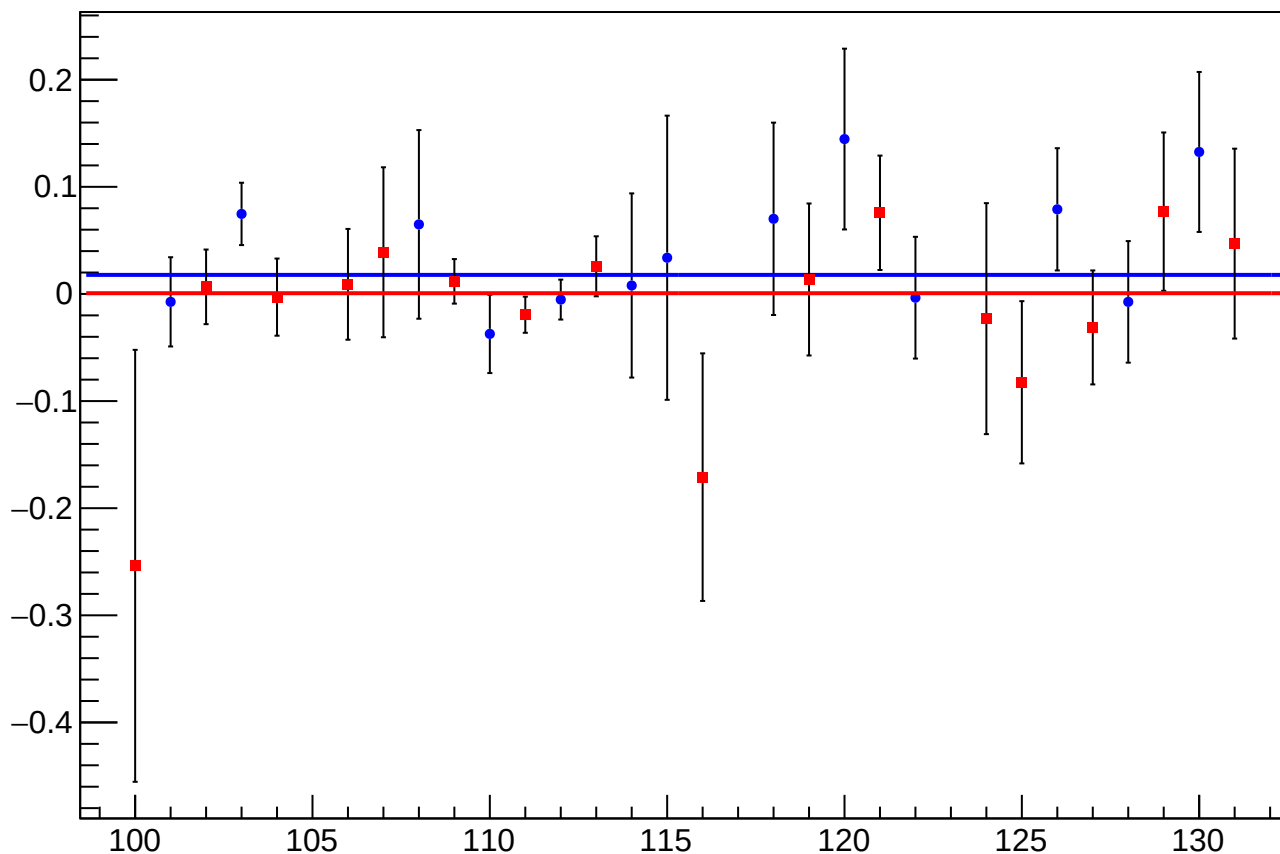
Right: 20.935+/-0.005 χ^2/NDF : 5615864.9/28

In: 23.392+/-0.008 χ^2/NDF :2325867.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.935+/-0.005 χ^2/NDF : 5615864.9/28

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

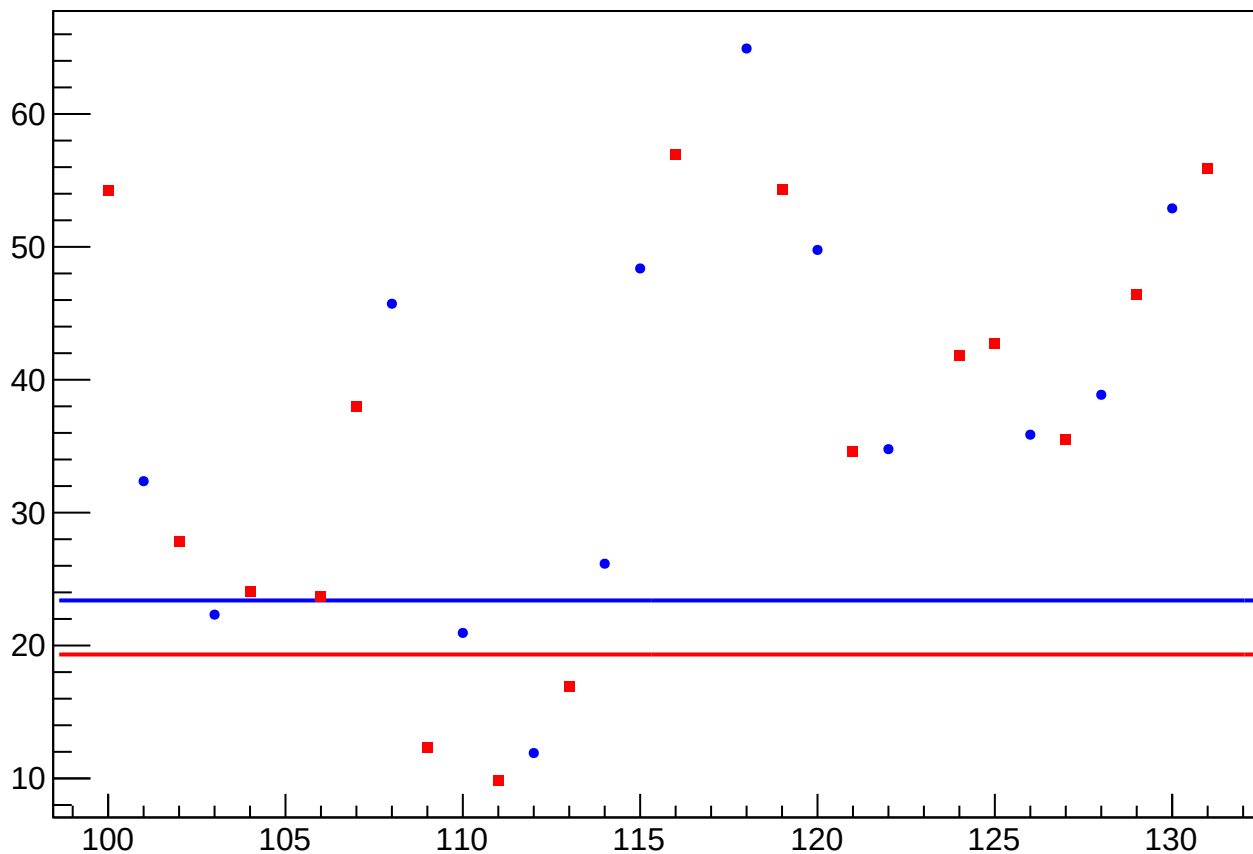
Right: 0.007+/-0.007 χ^2/NDF : 27.6/28

In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.007 χ^2/NDF : 27.6/28

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.392+/-0.008 χ^2/NDF : 2325867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.325+/-0.007 χ^2/NDF : 3148517.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

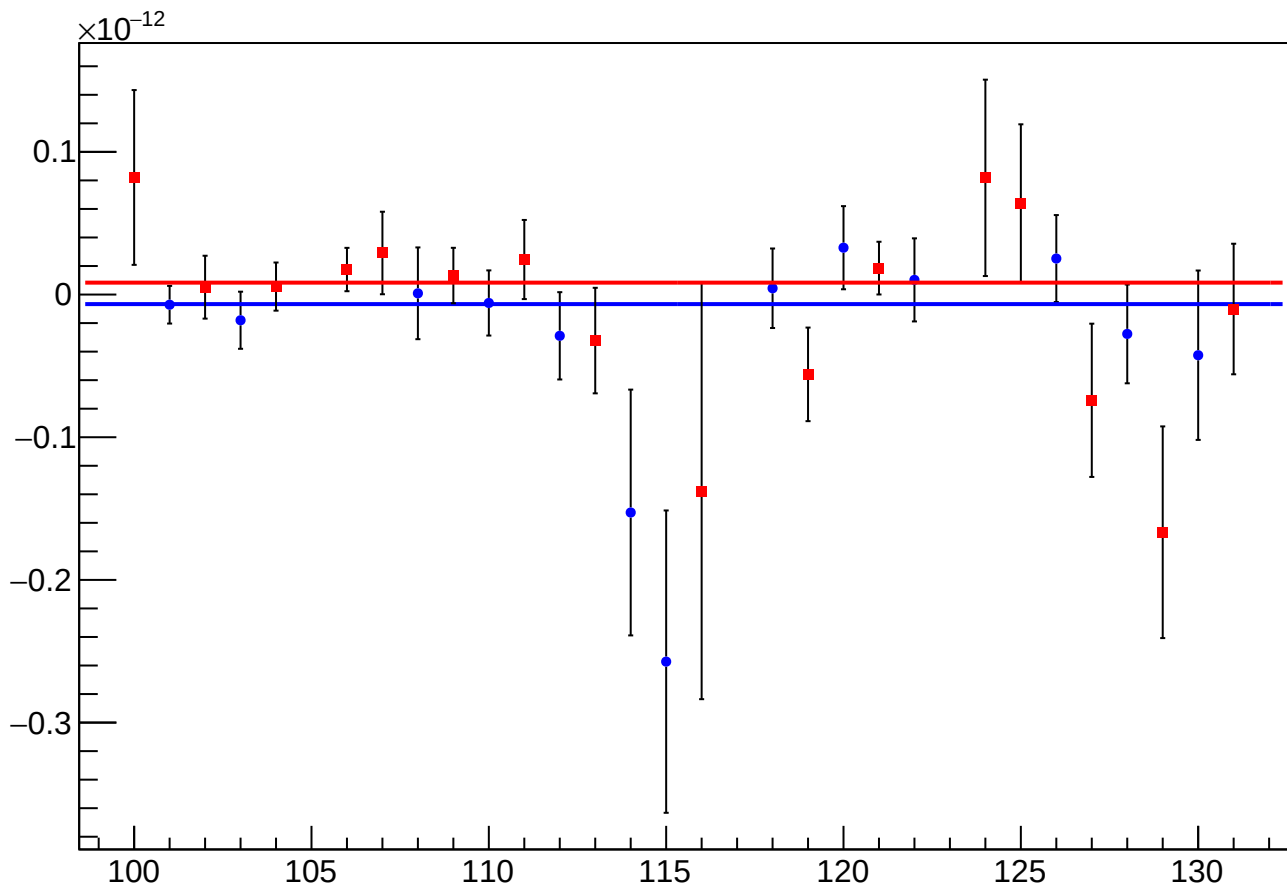
Right: 20.935+/-0.005 χ^2/NDF : 5615864.9/28

In: 23.392+/-0.008 χ^2/NDF :2325867.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.935+/-0.005 χ^2/NDF : 5615864.9/28

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

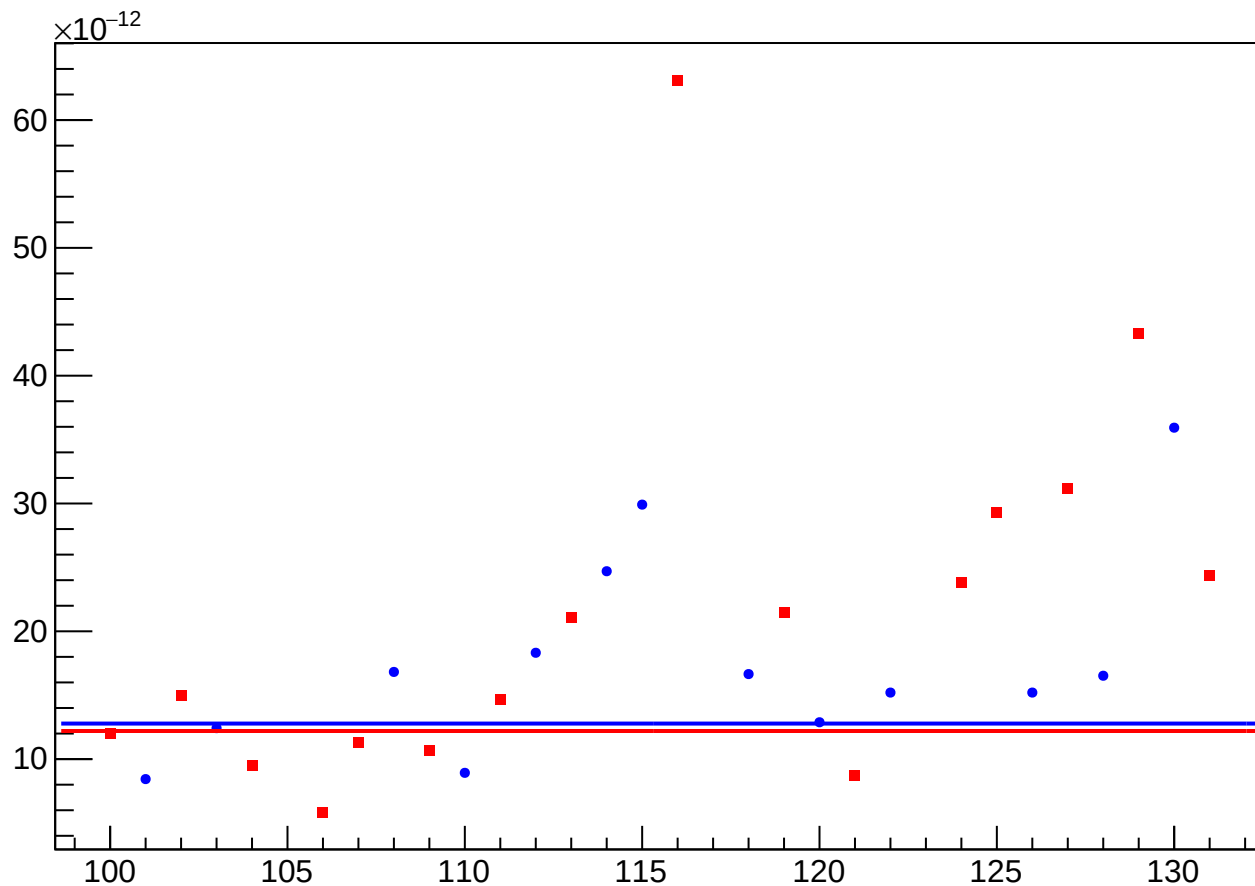
Right: 0.000+/-0.000 χ^2/NDF : 35.1/28

In: -0.000+/-0.000 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.1/28

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 854842.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2044269.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

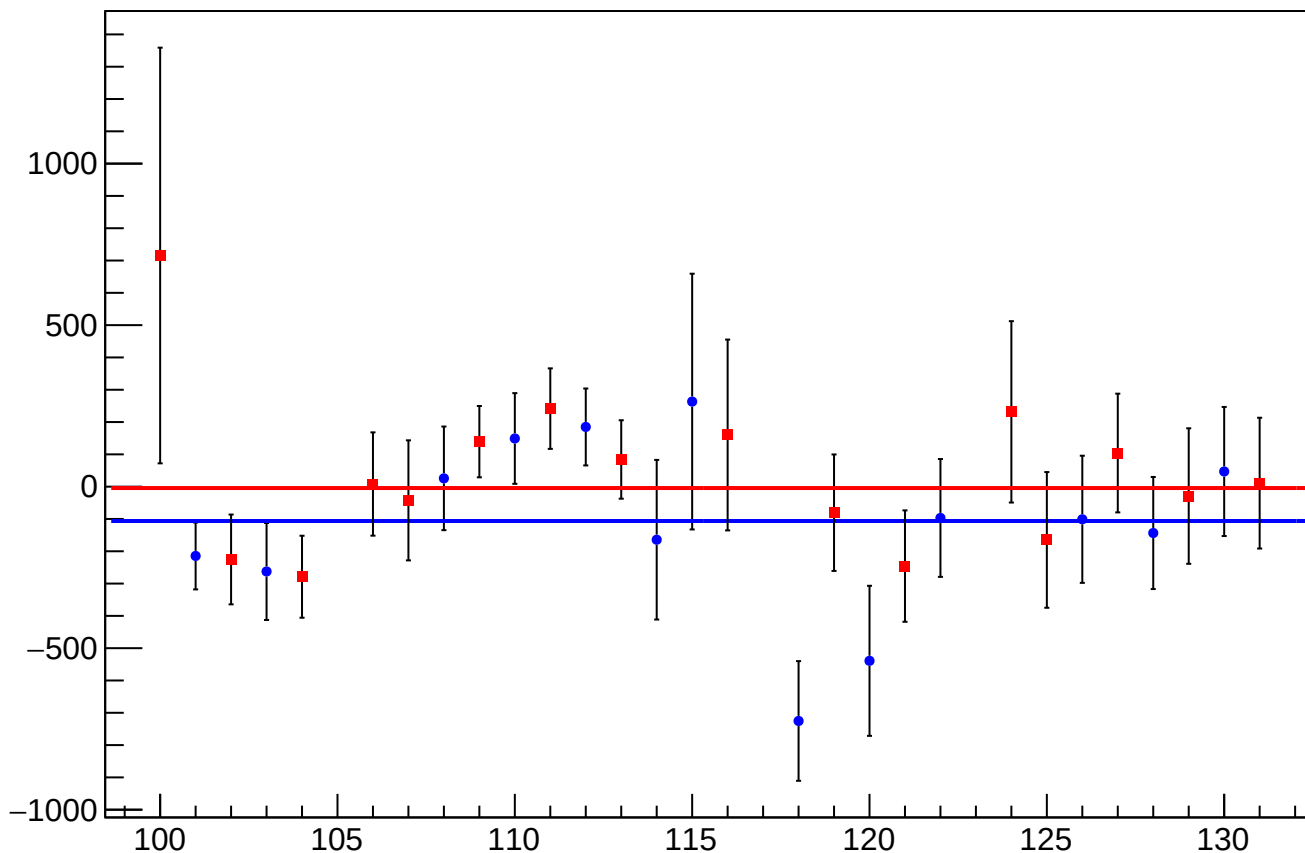
Right: 0.000+/-0.000 χ^2/NDF : 2905780.7/28

In: 0.000+/-0.000 χ^2/NDF : 854842.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2905780.7/28

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -106.297 ± 45.534 $\chi^2/\text{NDF}: 28.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.238 ± 41.288 $\chi^2/\text{NDF}: 18.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

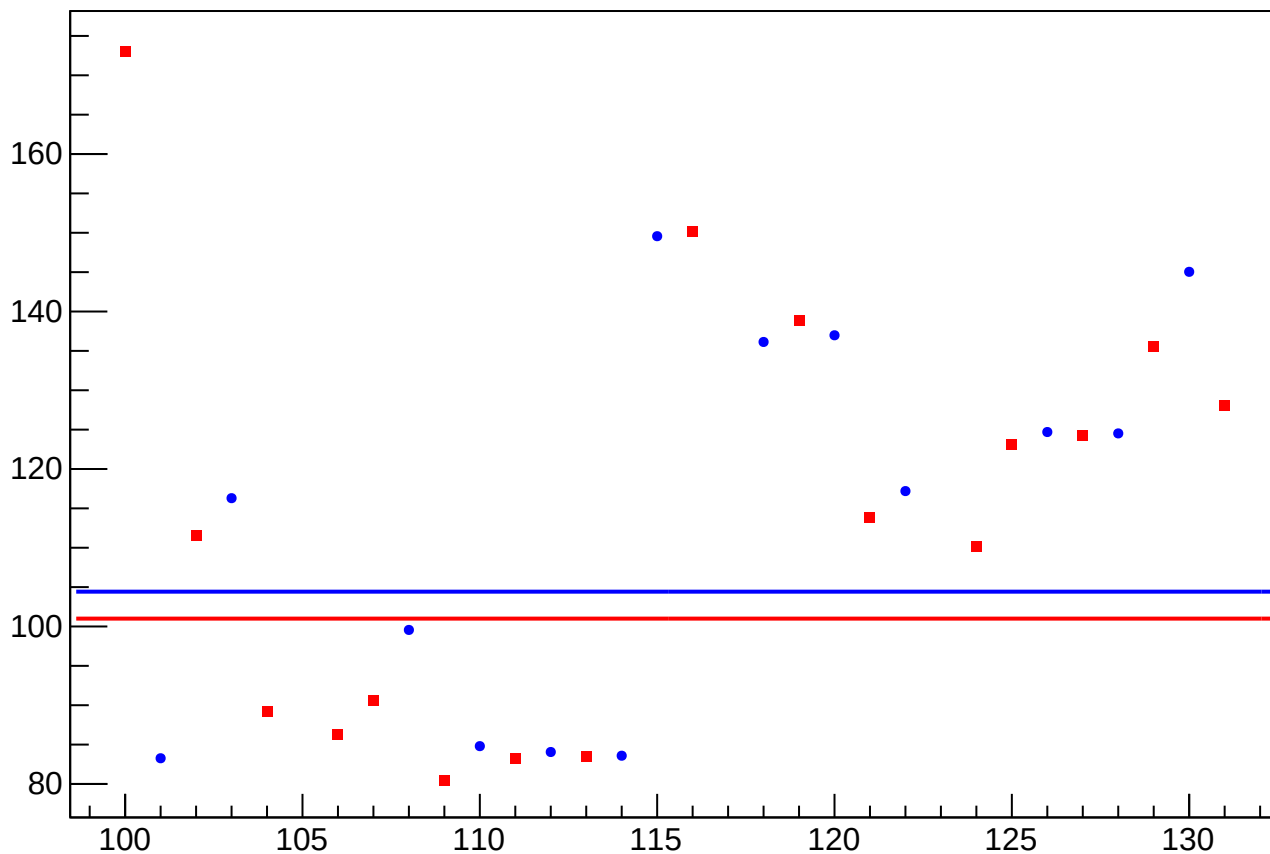
Right: -50.289 ± 30.586 $\chi^2/\text{NDF}: 49.8/28$

In: -106.297 ± 45.534 $\chi^2/\text{NDF}: 28.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -50.289 ± 30.586 $\chi^2/\text{NDF}: 49.8/28$

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.422+/-0.032 χ^2/NDF : 474042.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.999+/-0.029 χ^2/NDF : 529531.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

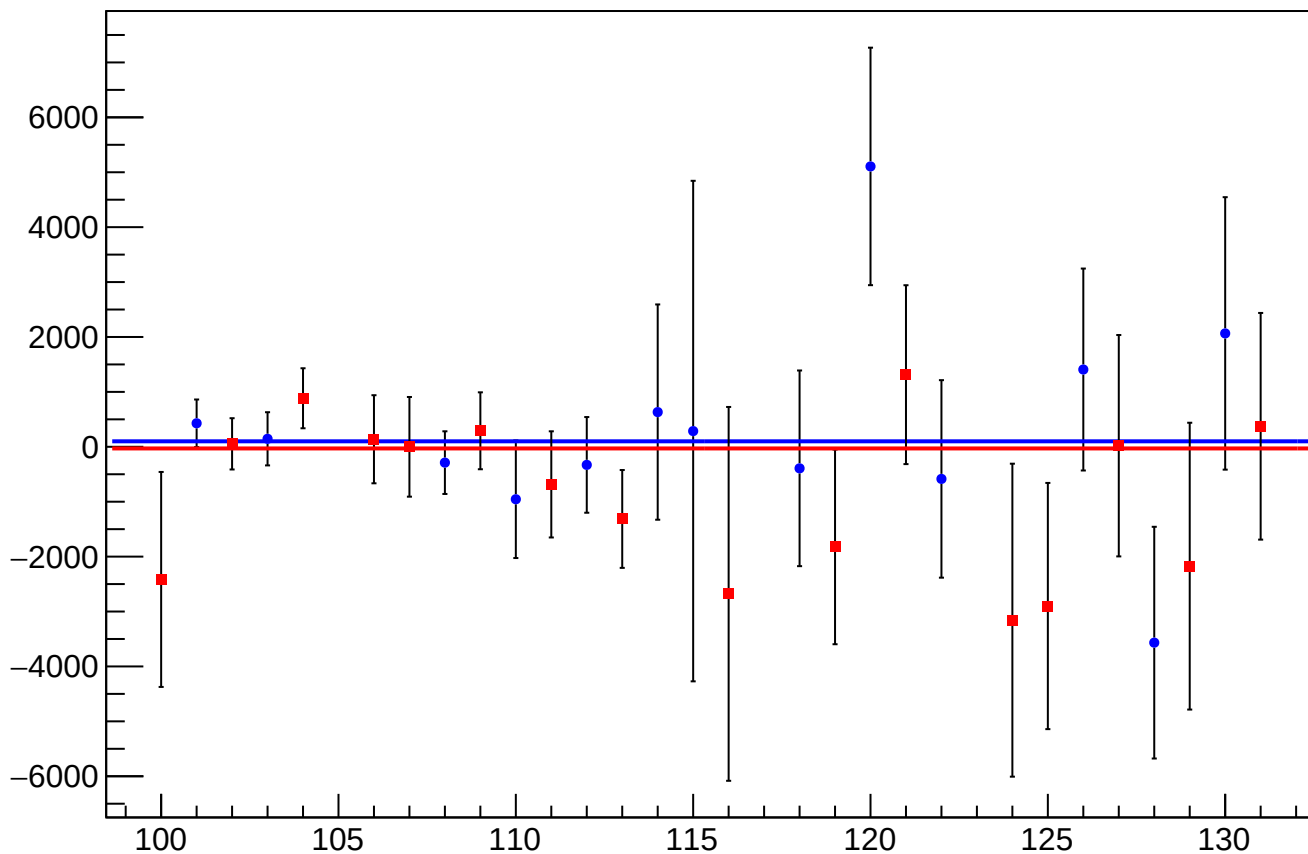
Right: 102.544+/-0.022 χ^2/NDF : 1009773.8/28

In: 104.422+/-0.032 χ^2/NDF : 474042.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.544+/-0.022 χ^2/NDF : 1009773.8/28

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 99.970+/-244.837 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.033+/-242.088 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

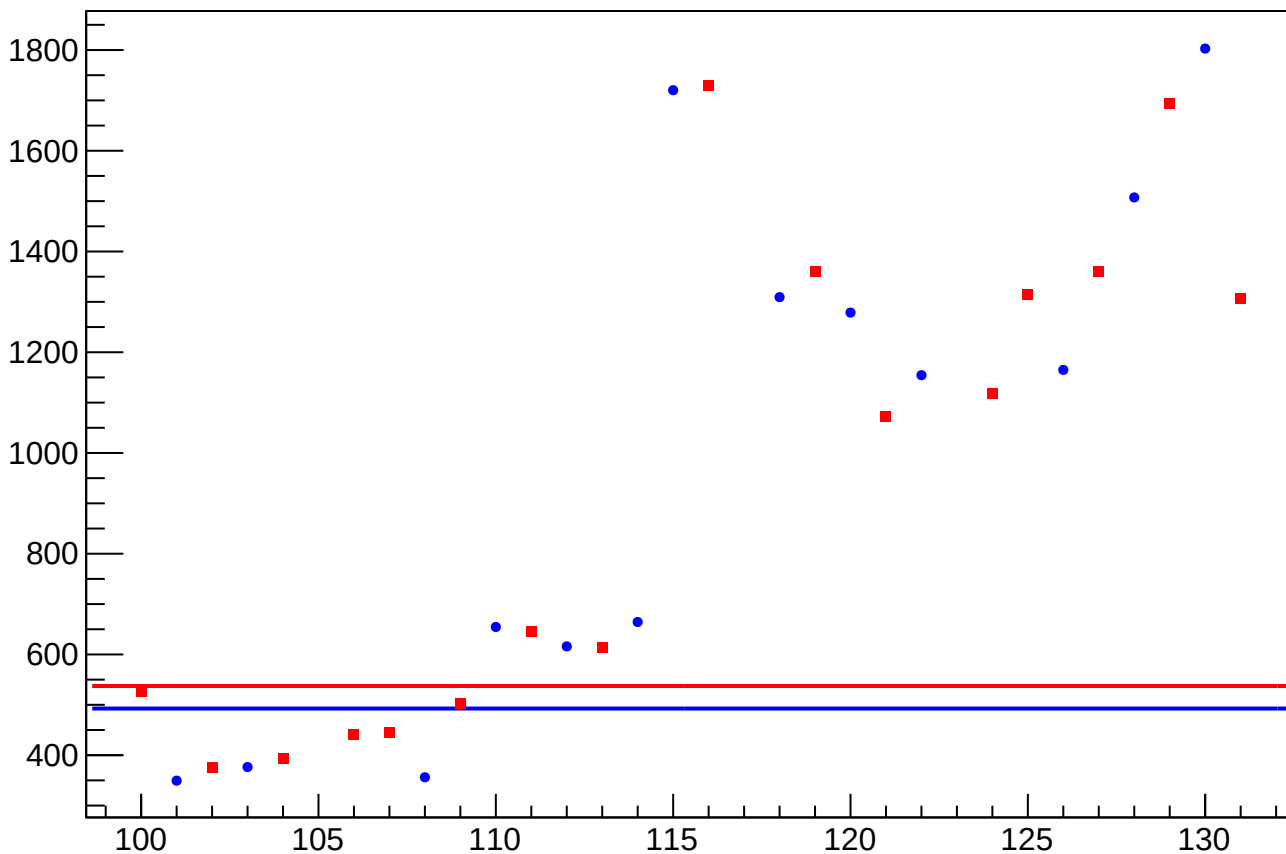
Right: 34.234+/-172.146 χ^2/NDF : 25.2/28

In: 99.970+/-244.837 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.234+/-172.146 χ^2/NDF : 25.2/28

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 492.623+/-0.173 χ^2/NDF : 2937063.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.358+/-0.171 χ^2/NDF : 2693831.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

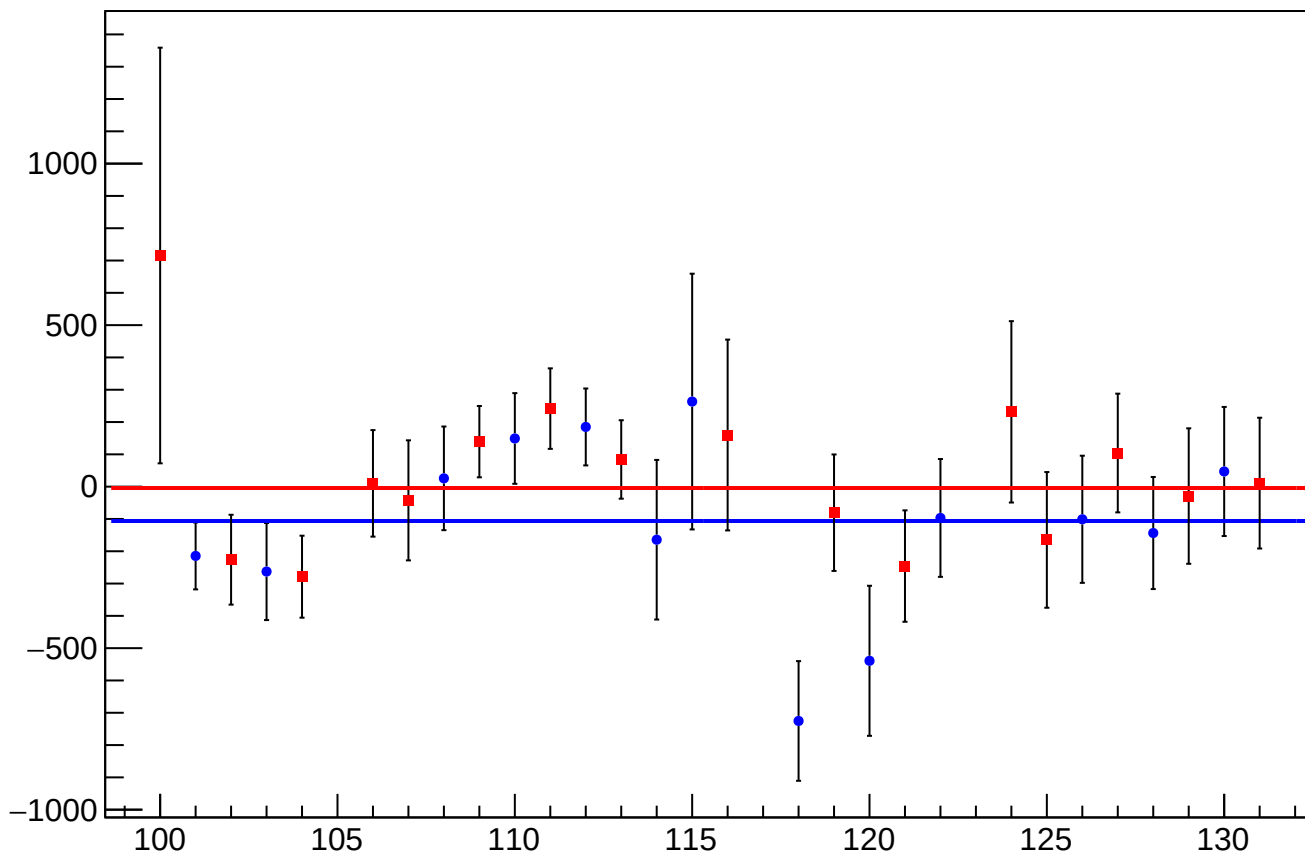
Right: 515.243+/-0.122 χ^2/NDF : 5664656.4/28

In: 492.623+/-0.173 χ^2/NDF : 2937063.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.243+/-0.122 χ^2/NDF : 5664656.4/28

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.213+/-41.373 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

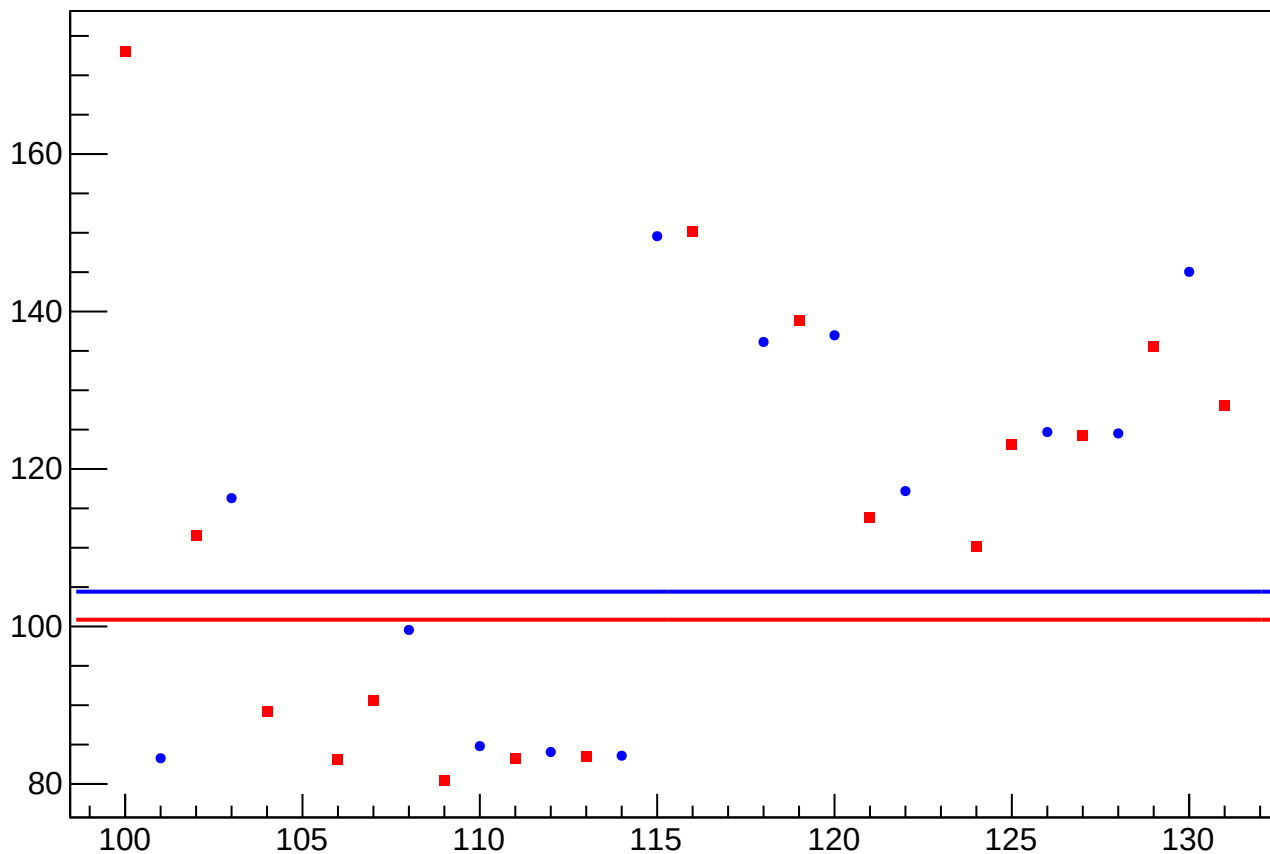
Right: -50.393+/-30.621 χ^2/NDF : 49.9/28

In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.393+/-30.621 χ^2/NDF : 49.9/28

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.422+/-0.032 χ^2/NDF : 474044.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.863+/-0.029 χ^2/NDF : 536146.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

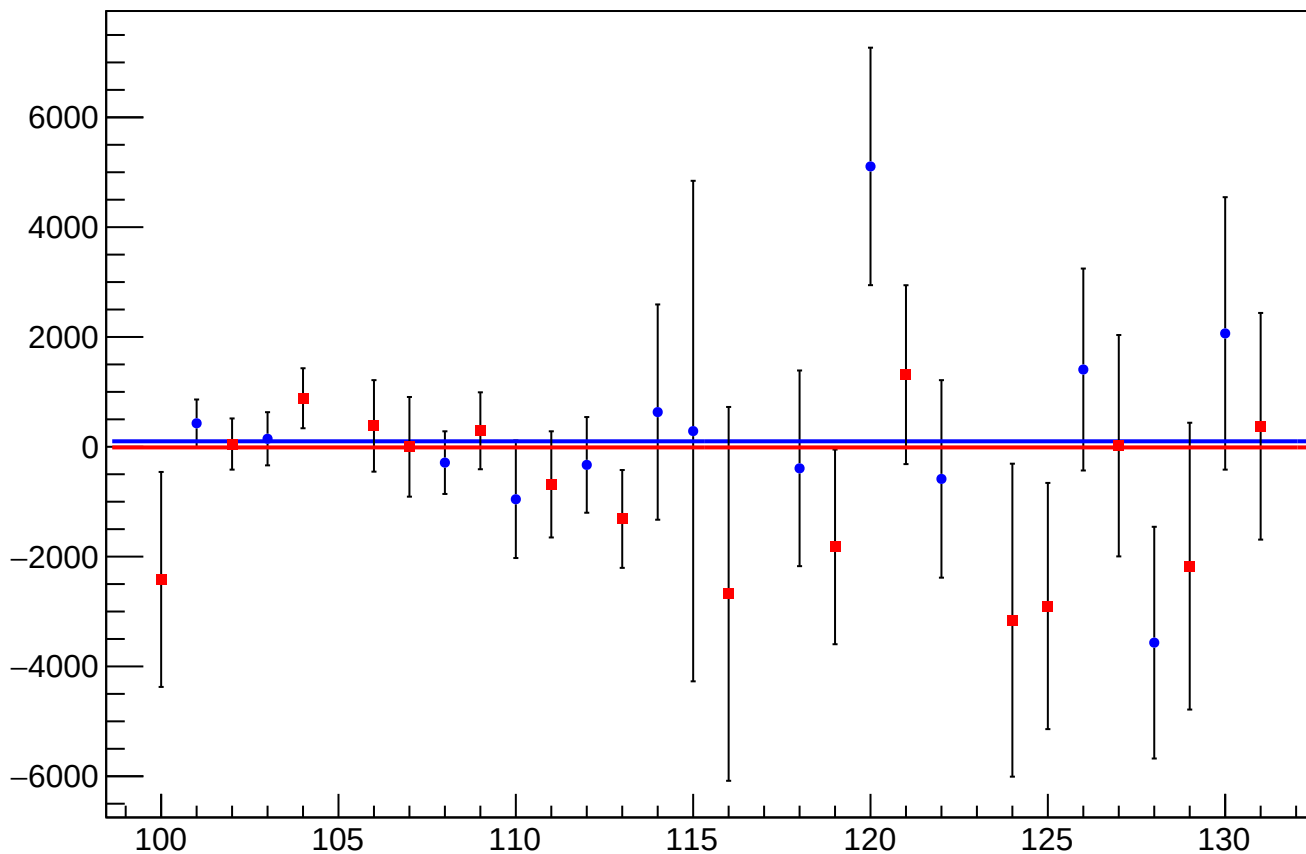
Right: 102.472+/-0.022 χ^2/NDF : 1016884.0/28

In: 104.422+/-0.032 χ^2/NDF : 474044.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.472+/-0.022 χ^2/NDF : 1016884.0/28

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.366+/-242.799 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

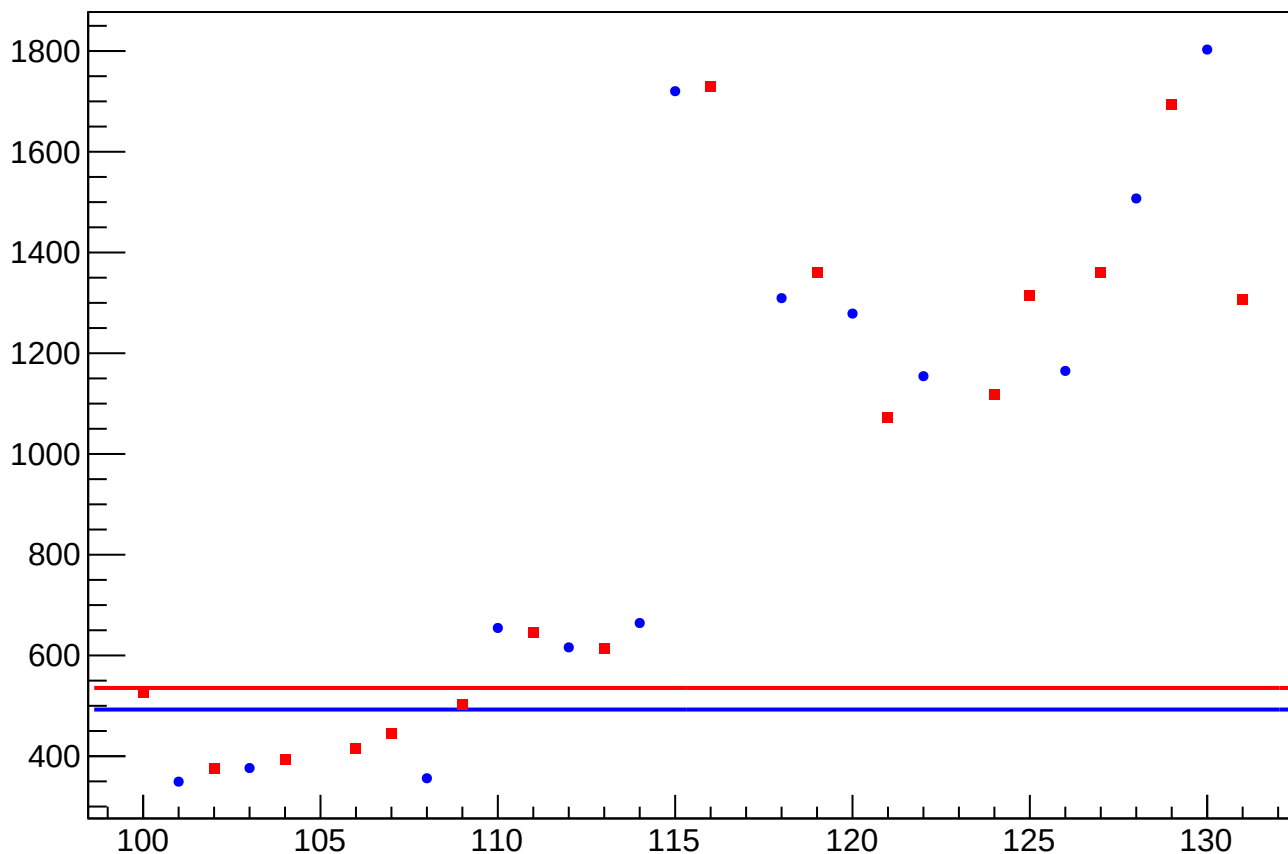
Right: 43.922+/-172.398 χ^2/NDF : 25.3/28

In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.922+/-172.398 χ^2/NDF : 25.3/28

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.602+/-0.173 χ^2/NDF : 2937196.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.495+/-0.172 χ^2/NDF : 2710440.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

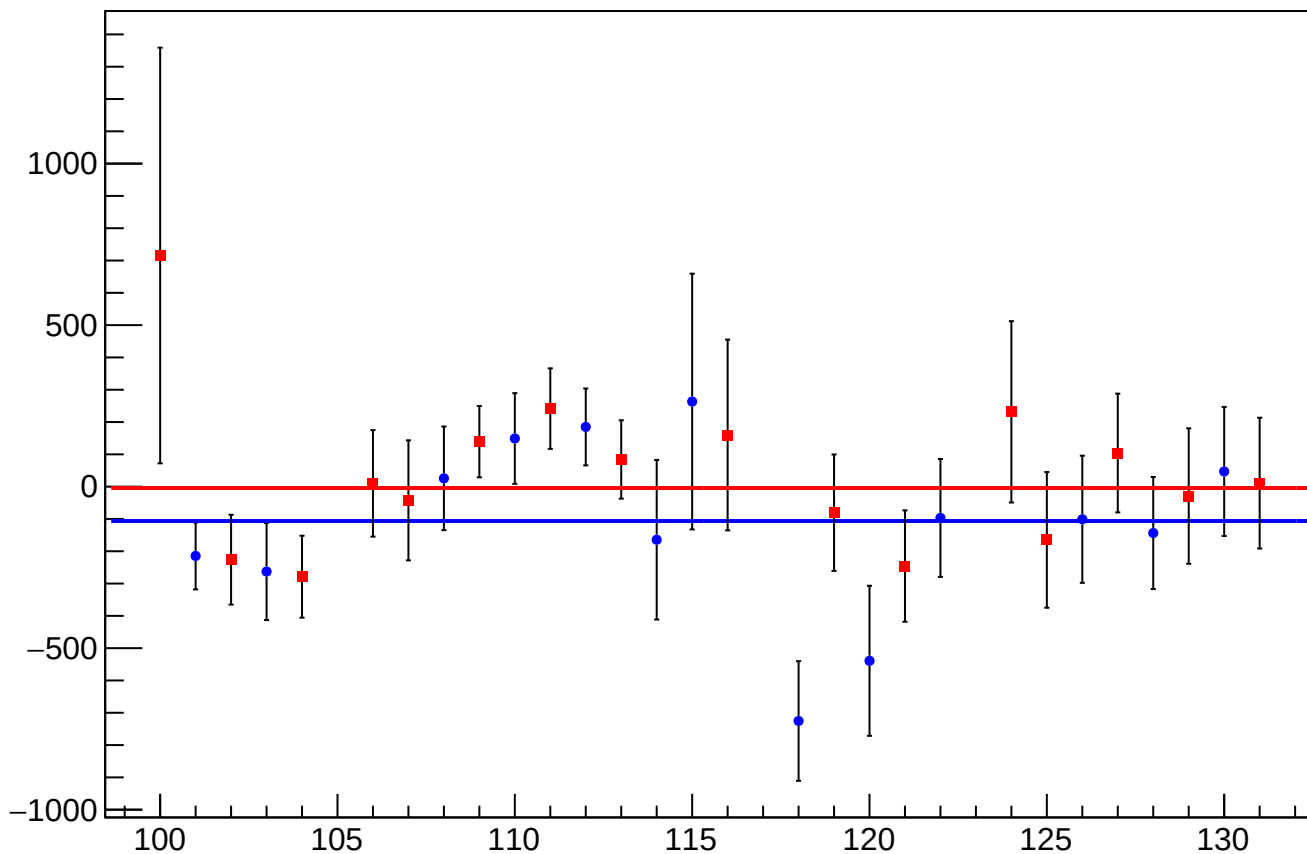
Right: 514.227+/-0.122 χ^2/NDF : 5678585.2/28

In: 492.602+/-0.173 χ^2/NDF : 2937196.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.227+/-0.122 χ^2/NDF : 5678585.2/28

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.213+/-41.373 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

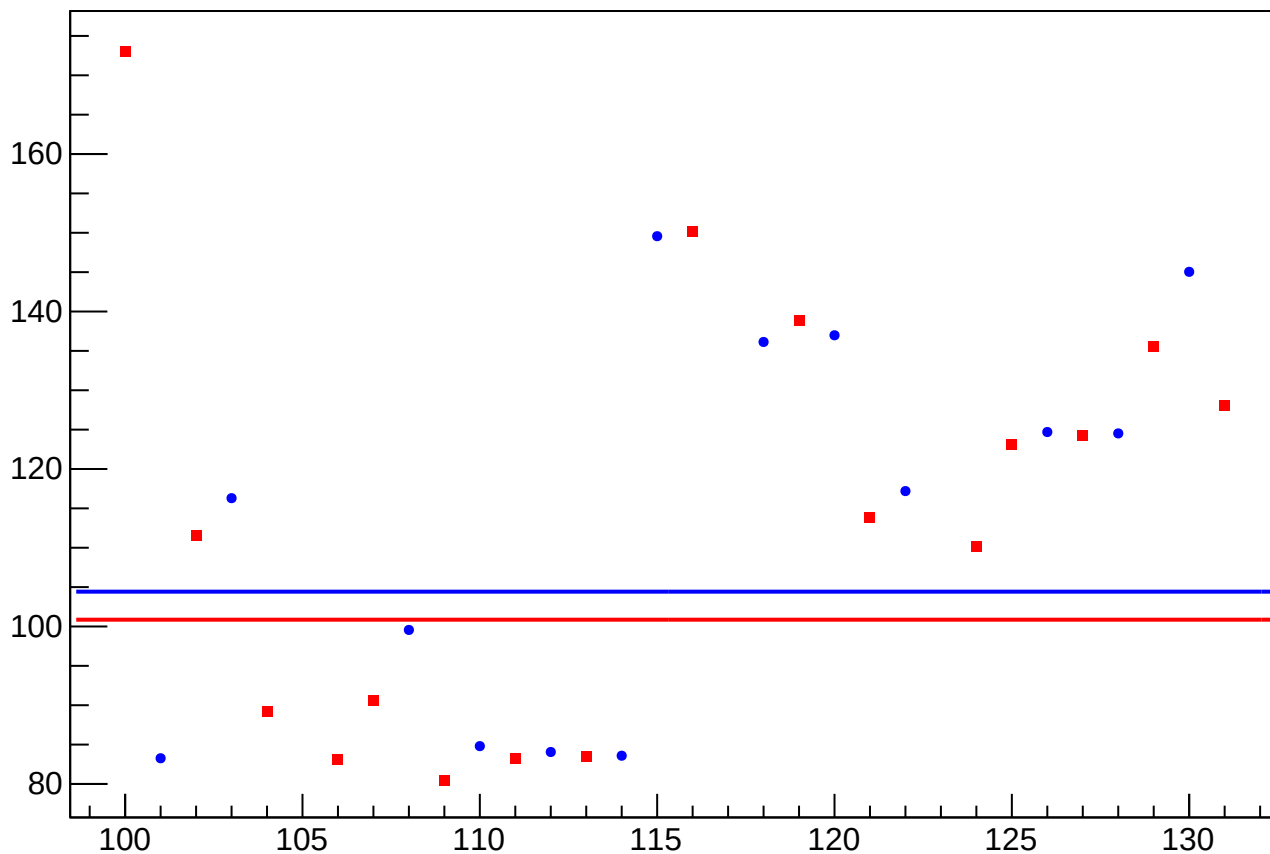
Right: -50.393+/-30.621 χ^2/NDF : 49.9/28

In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.393+/-30.621 χ^2/NDF : 49.9/28

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.422+/-0.032 χ^2/NDF : 474044.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.863+/-0.029 χ^2/NDF : 536146.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

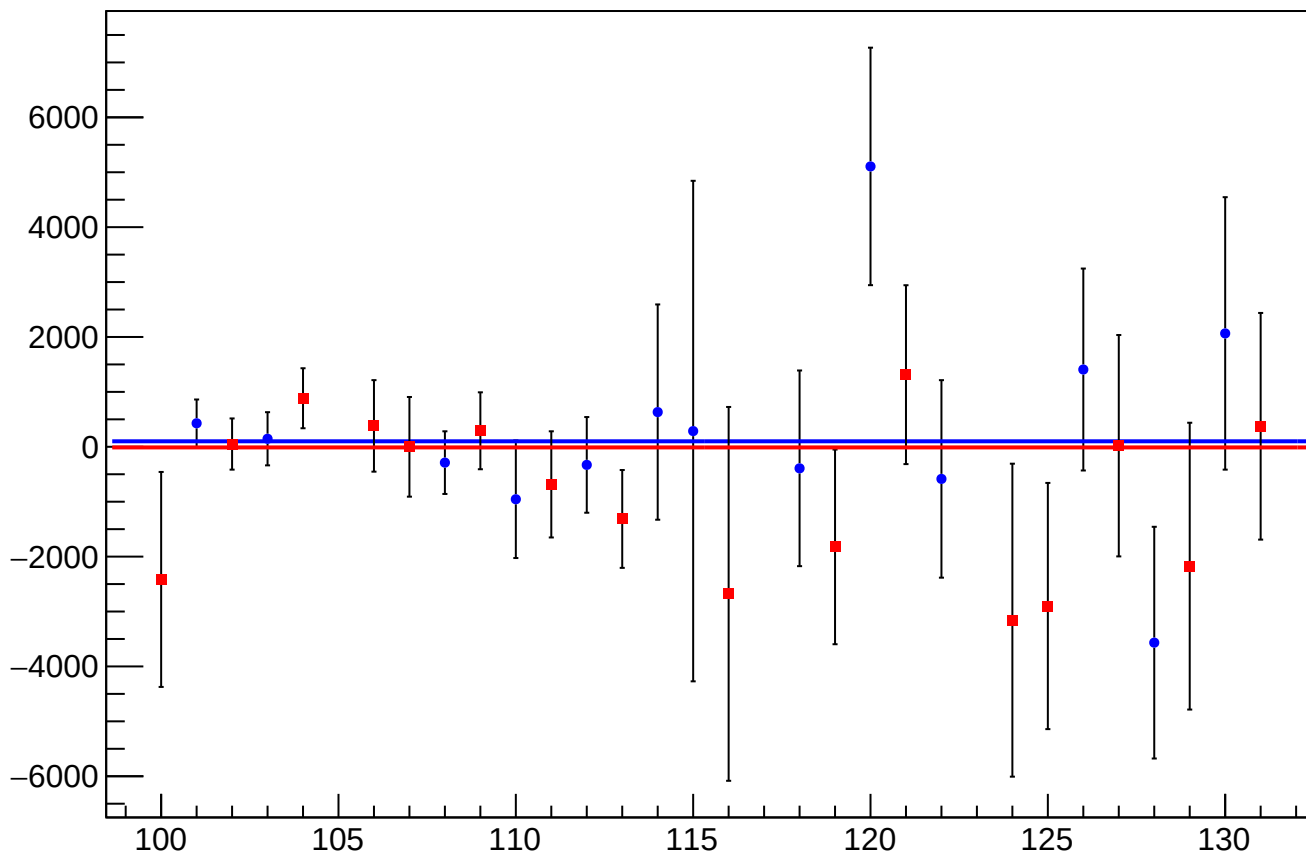
Right: 102.472+/-0.022 χ^2/NDF : 1016884.0/28

In: 104.422+/-0.032 χ^2/NDF : 474044.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.472+/-0.022 χ^2/NDF : 1016884.0/28

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.366+/-242.799 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

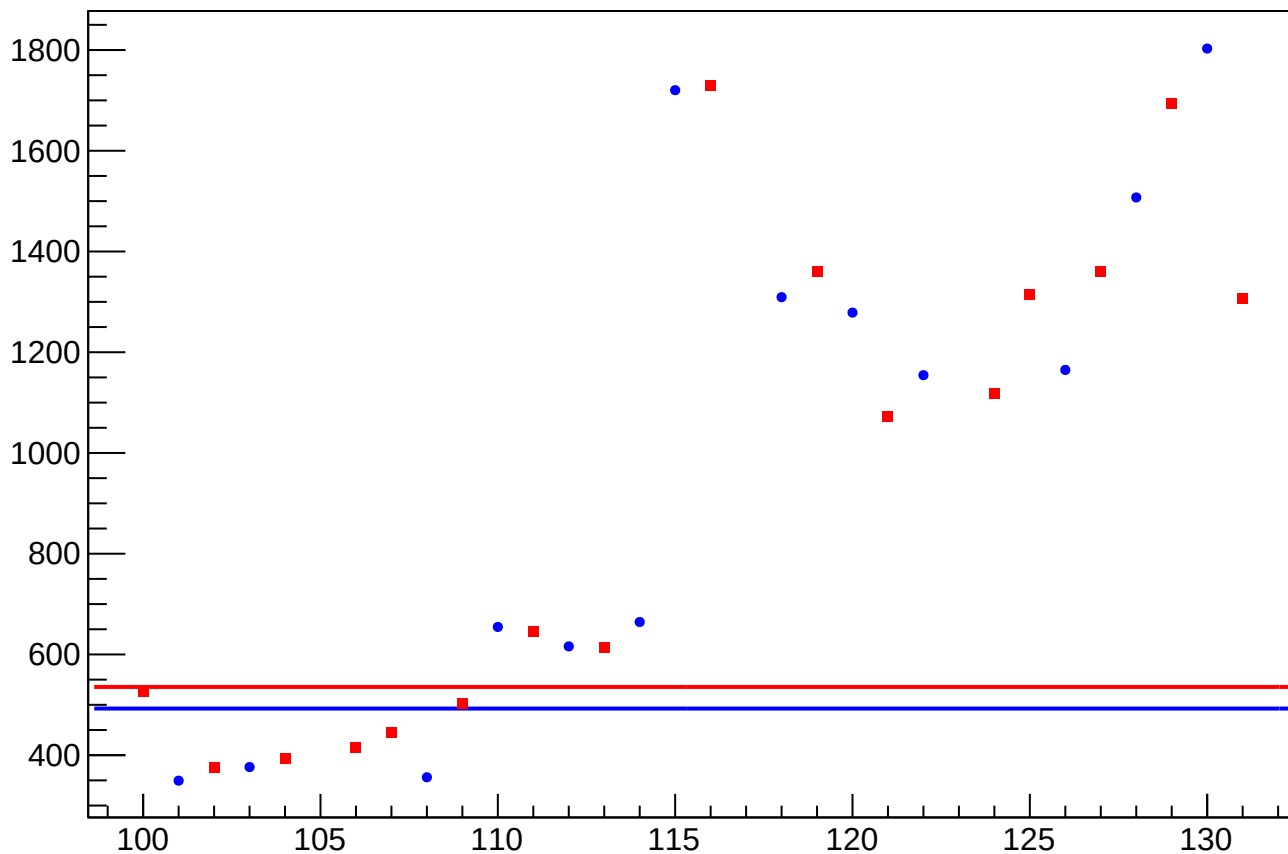
Right: 43.922+/-172.398 χ^2/NDF : 25.3/28

In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.922+/-172.398 χ^2/NDF : 25.3/28

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.602 $\pm$ 0.173 χ^2 /NDF: 2937196.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 535.495 $\pm$ 0.172 χ^2 /NDF: 2710440.0/15

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

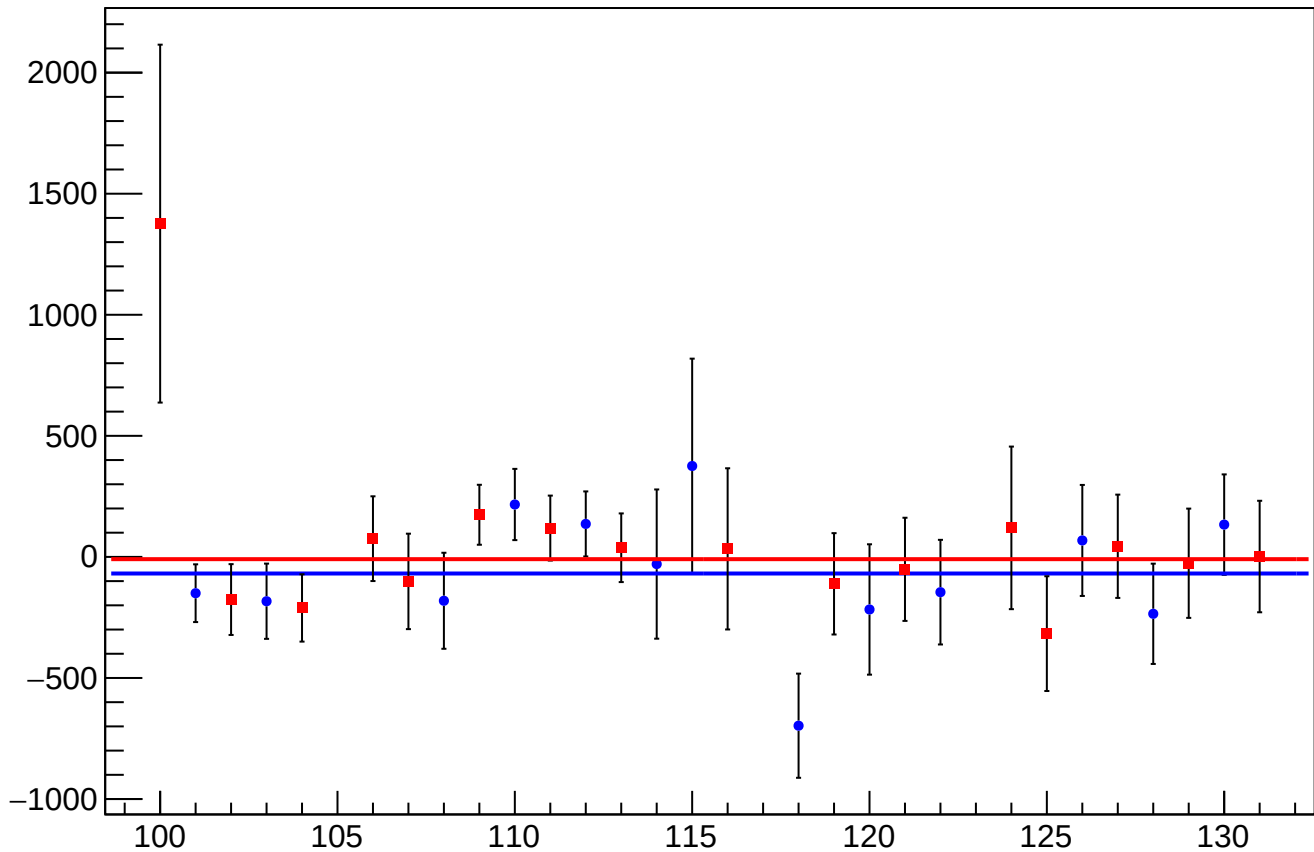
Right: 514.227 $\pm$ 0.122 χ^2 /NDF: 5678585.2/28

In: 492.602 $\pm$ 0.173 χ^2 /NDF:2937196.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.227 $\pm$ 0.122 χ^2 /NDF: 5678585.2/28

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -68.555+/-51.513 χ^2/NDF : 19.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.321+/-46.110 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

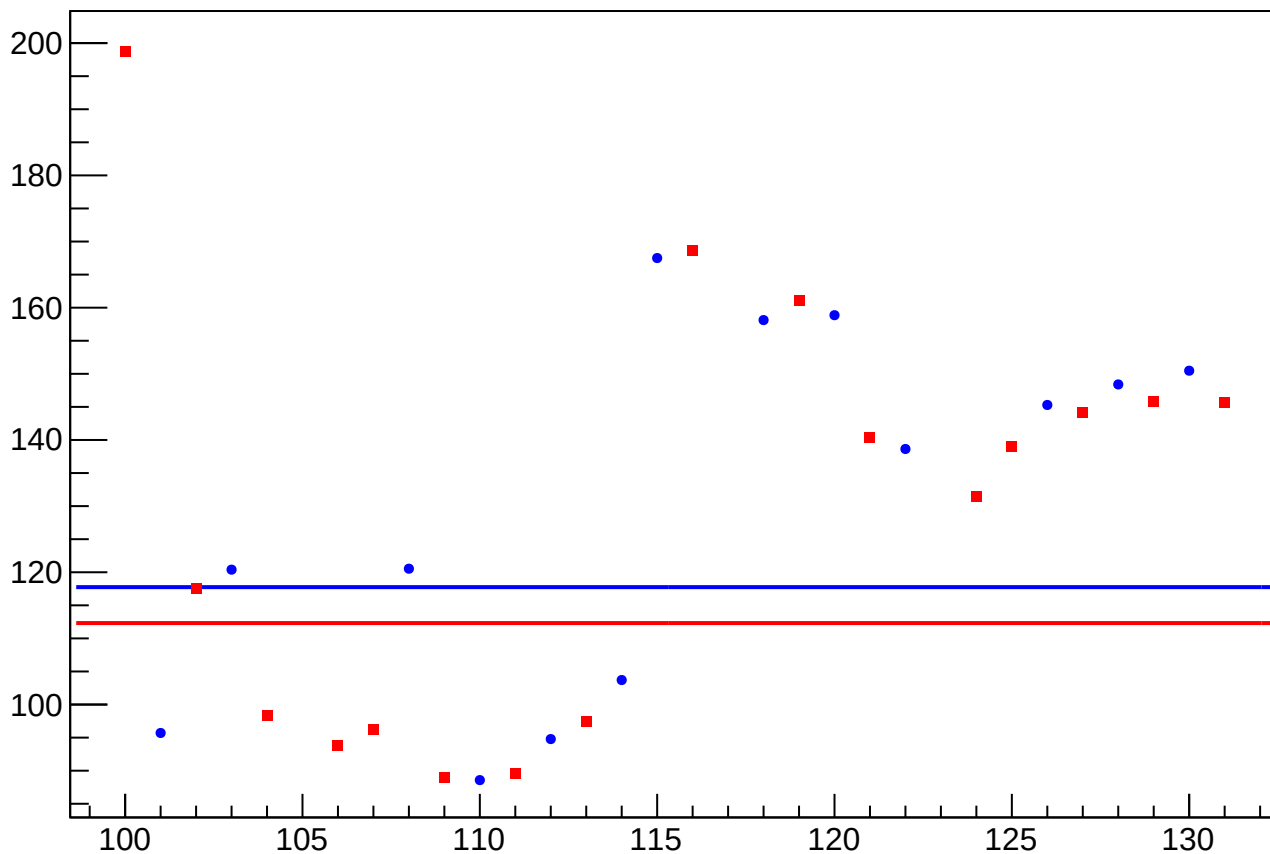
Right: -35.670+/-34.357 χ^2/NDF : 32.9/28

In: -68.555+/-51.513 χ^2/NDF : 19.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.670+/-34.357 χ^2/NDF : 32.9/28

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 117.751+/-0.036 χ^2/NDF : 494071.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.319+/-0.033 χ^2/NDF : 599691.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

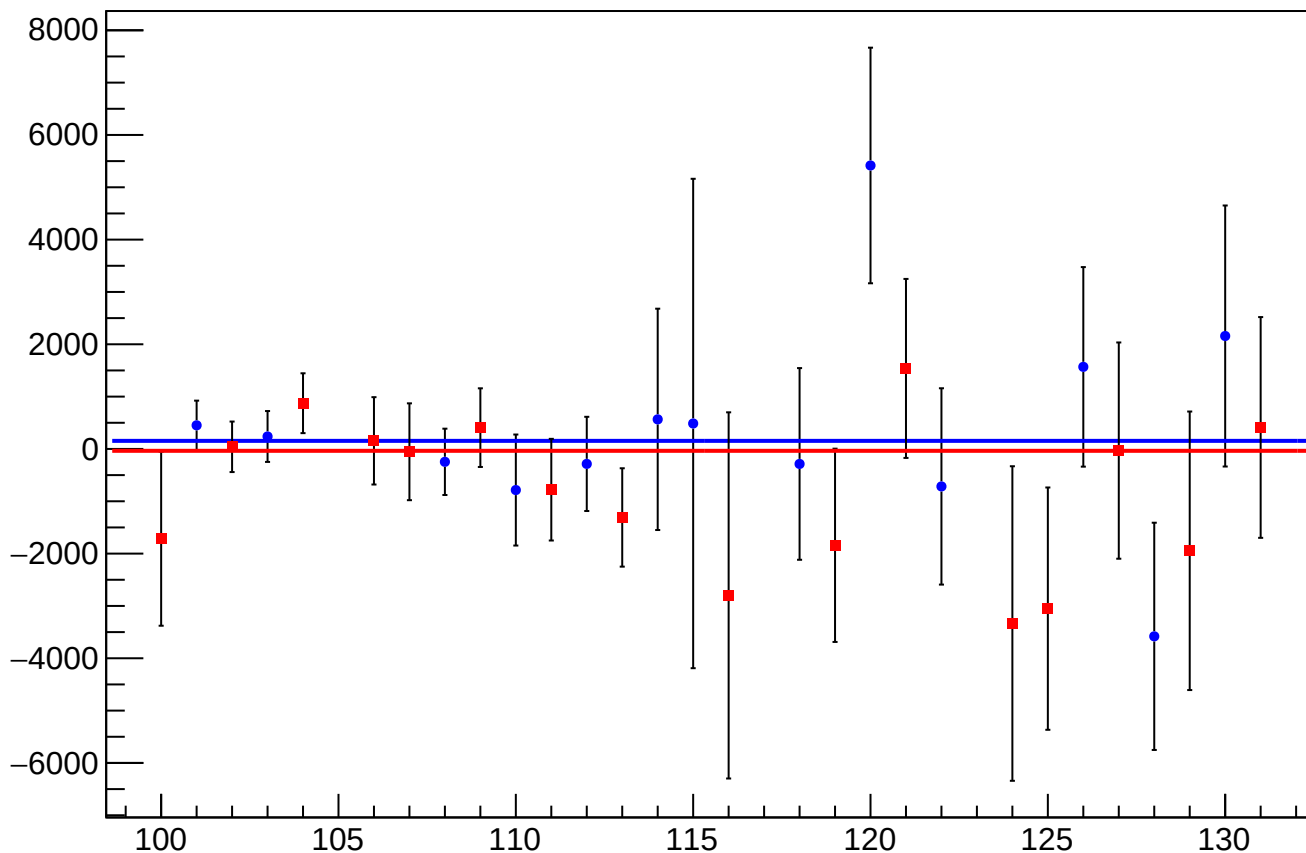
Right: 114.735+/-0.024 χ^2/NDF : 1106109.1/28

In: 117.751+/-0.036 χ^2/NDF : 494071.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.735+/-0.024 χ^2/NDF : 1106109.1/28

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 154.342 $\pm$ 257.840 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.846 $\pm$ 250.820 χ^2 /NDF: 12.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

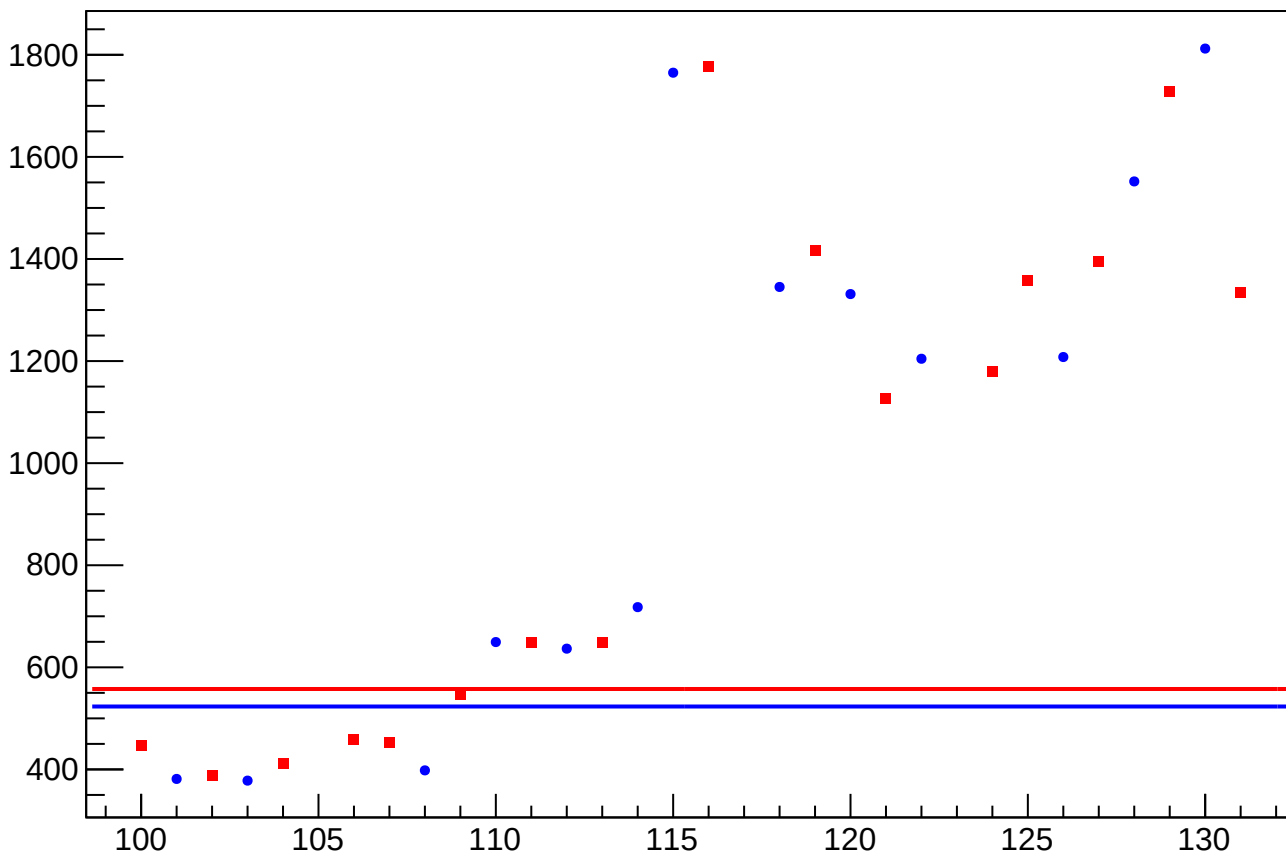
Right: 56.624 $\pm$ 179.787 χ^2 /NDF: 24.4/28

In: 154.342 $\pm$ 257.840 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.624 $\pm$ 179.787 χ^2 /NDF: 24.4/28

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 523.257+/-0.182 χ^2/NDF : 2821009.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.572+/-0.177 χ^2/NDF : 2686602.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

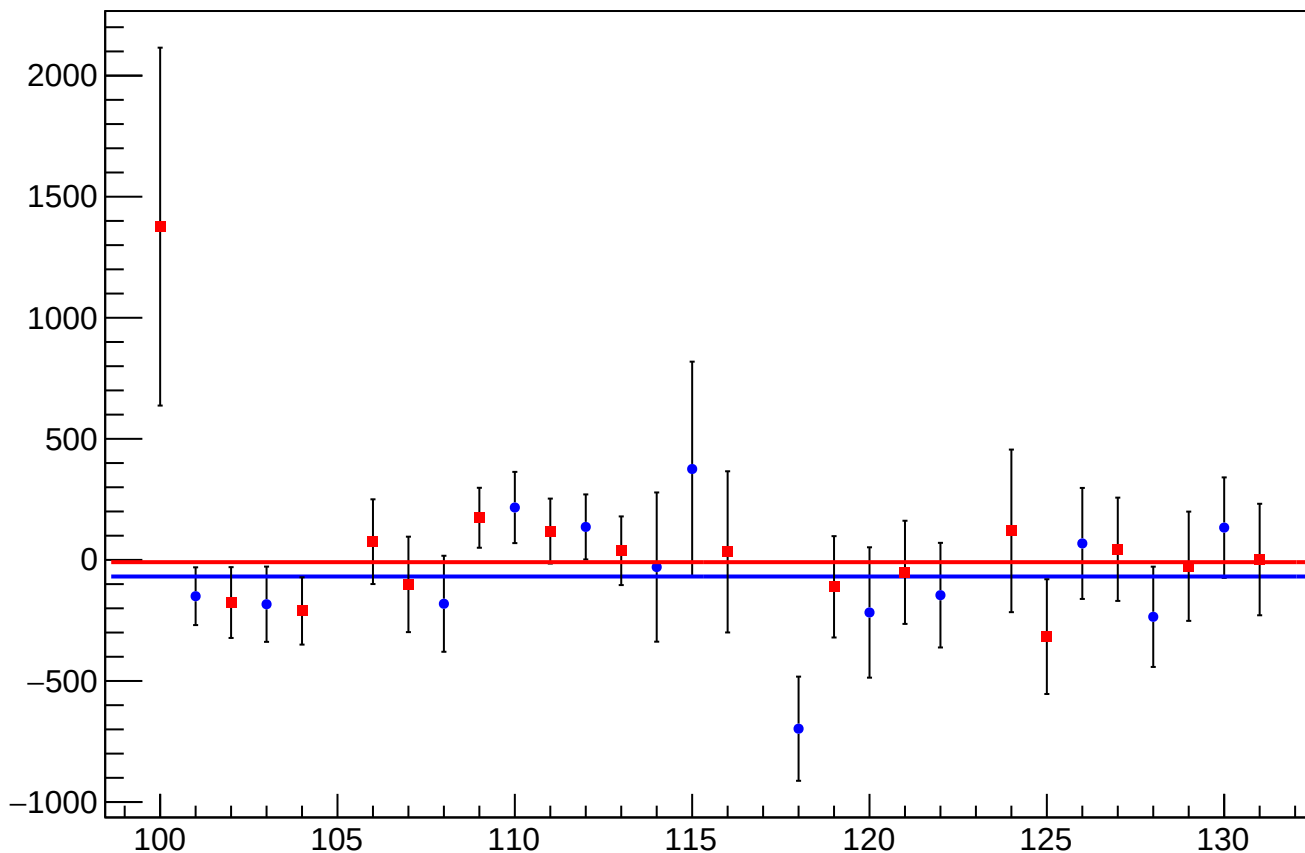
Right: 540.888+/-0.127 χ^2/NDF : 5525814.1/28

In: 523.257+/-0.182 χ^2/NDF : 2821009.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.888+/-0.127 χ^2/NDF : 5525814.1/28

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -68.557 ± 51.513 χ^2/NDF : 19.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.319 ± 46.110 χ^2/NDF : 12.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

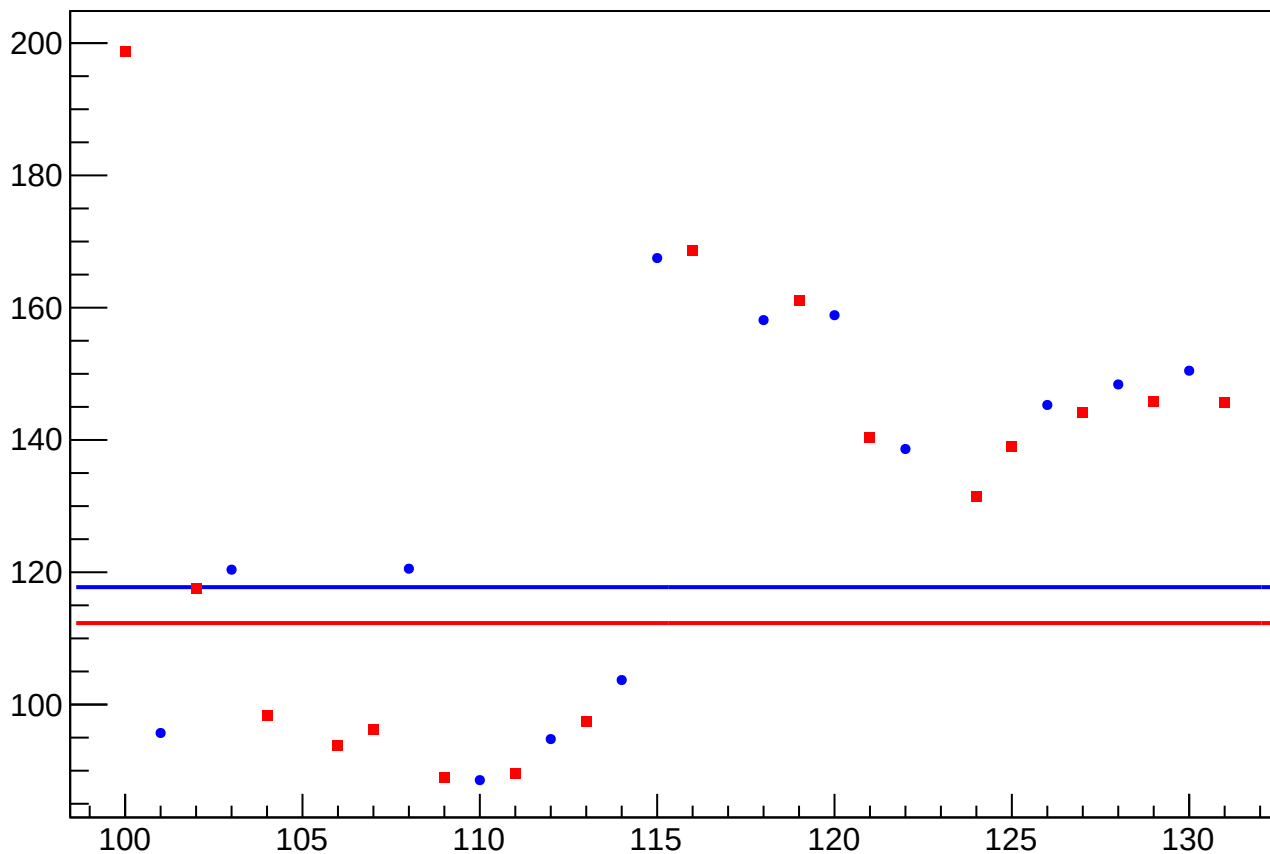
Right: -35.669 ± 34.357 χ^2/NDF : 32.9/28

In: -68.557 ± 51.513 χ^2/NDF : 19.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.669 ± 34.357 χ^2/NDF : 32.9/28

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 117.750+/-0.036 χ^2/NDF : 494074.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.319+/-0.033 χ^2/NDF : 599690.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

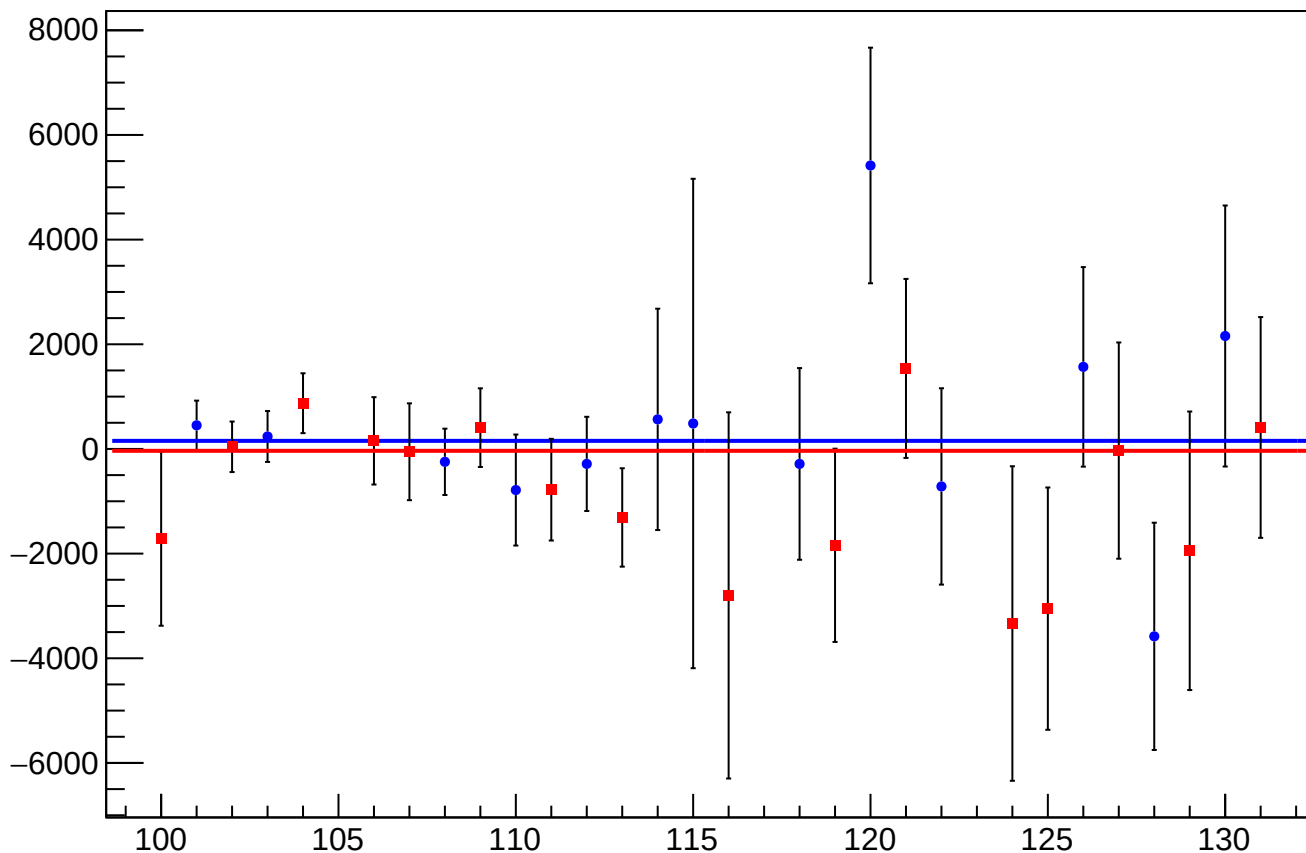
Right: 114.735+/-0.024 χ^2/NDF : 1106110.6/28

In: 117.750+/-0.036 χ^2/NDF : 494074.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.735+/-0.024 χ^2/NDF : 1106110.6/28

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 154.342 $\pm$ 257.839 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.845 $\pm$ 250.819 χ^2 /NDF: 12.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

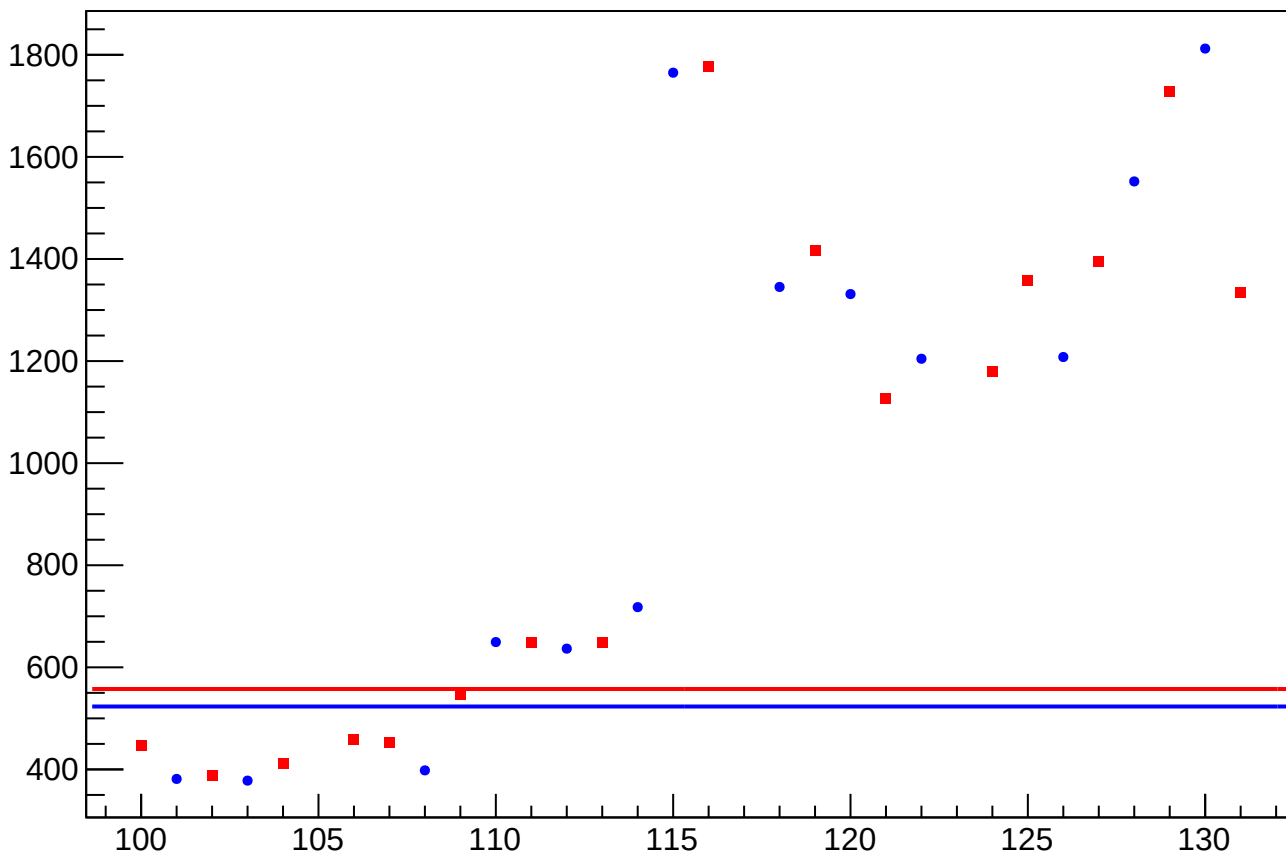
Right: 56.624 $\pm$ 179.787 χ^2 /NDF: 24.4/28

In: 154.342 $\pm$ 257.839 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.624 $\pm$ 179.787 χ^2 /NDF: 24.4/28

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 523.256+/-0.182 χ^2/NDF : 2821013.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.572+/-0.177 χ^2/NDF : 2686603.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

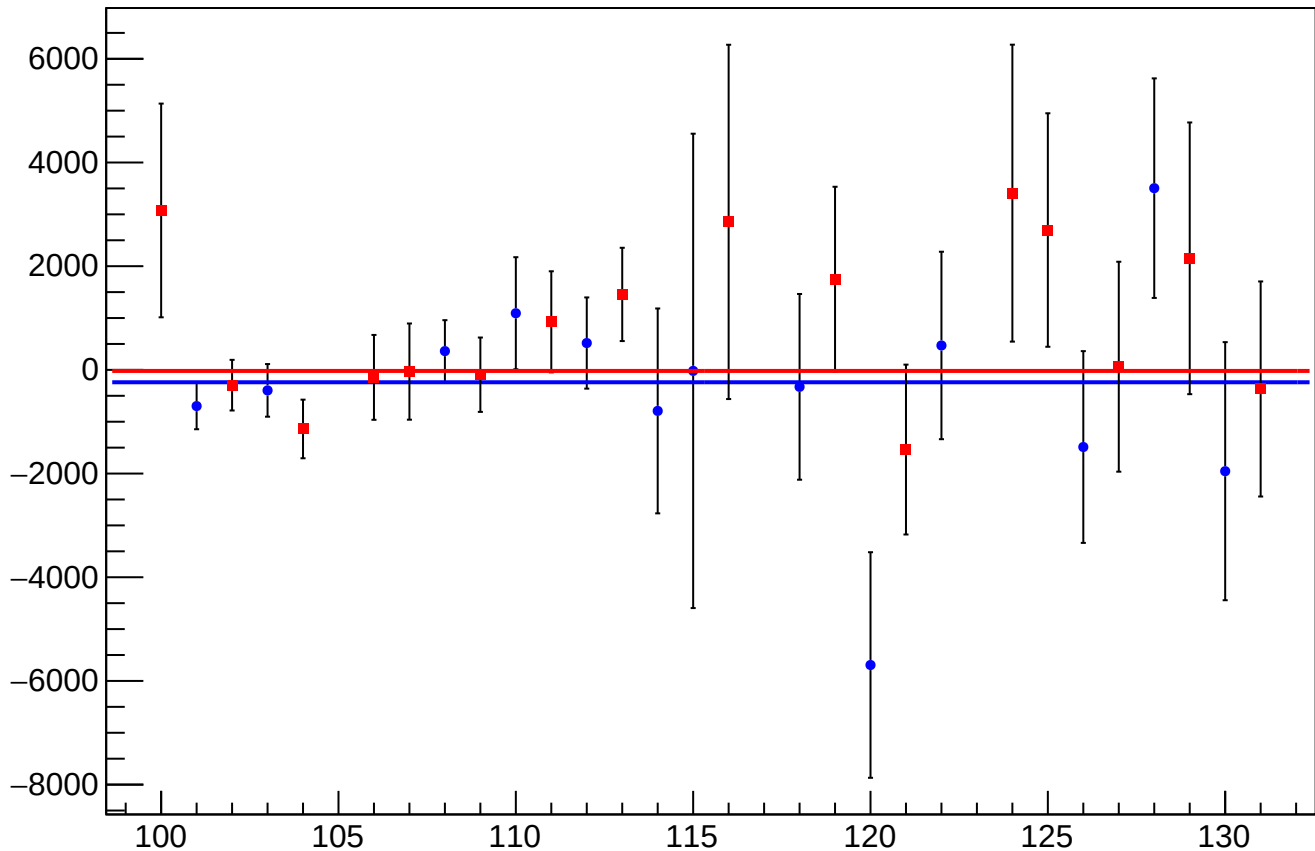
Right: 540.887+/-0.127 χ^2/NDF : 5525817.9/28

In: 523.256+/-0.182 χ^2/NDF : 2821013.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.887+/-0.127 χ^2/NDF : 5525817.9/28

asym_sam6_mean vs Slug, Sign Corrected



Right In: -239.051 ± 252.728 χ^2/NDF : 15.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.341 ± 248.769 χ^2/NDF : 16.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

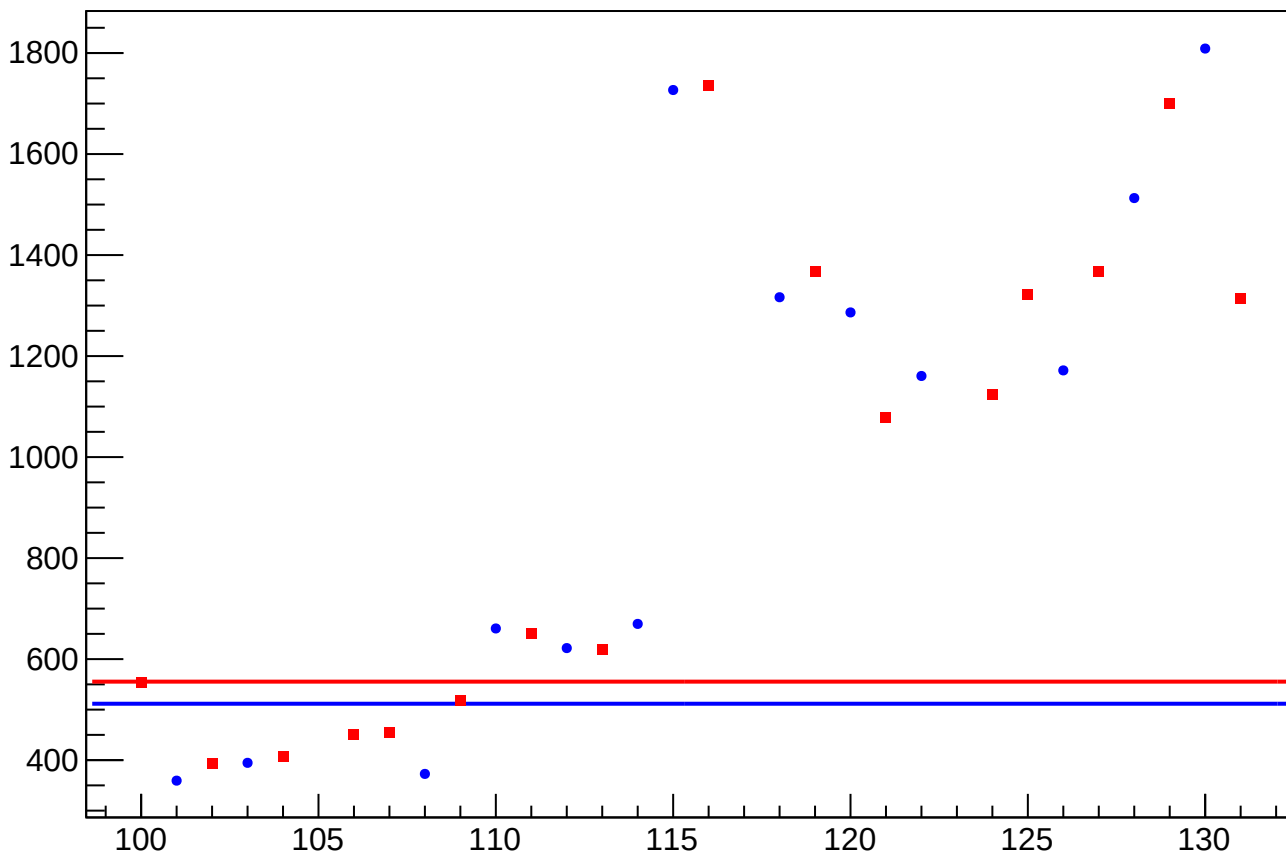
Right: -127.969 ± 177.289 χ^2/NDF : 31.7/28

In: -239.051 ± 252.728 χ^2/NDF : 15.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -127.969 ± 177.289 χ^2/NDF : 31.7/28

asym_sam6_rms vs Slug, Sign Corrected



Right In: 511.659+/-0.179 χ^2/NDF : 2830166.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.414+/-0.176 χ^2/NDF : 2589340.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

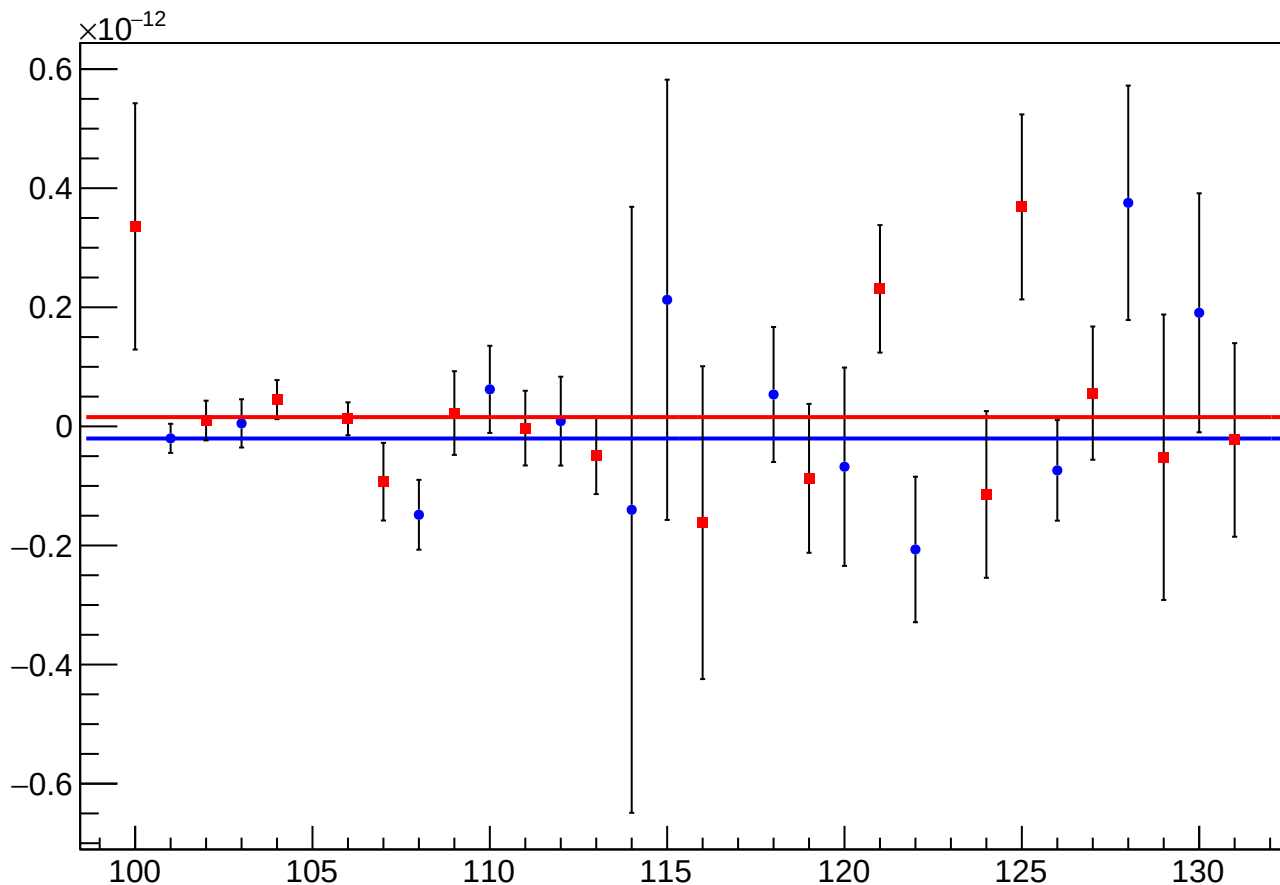
Right: 533.882+/-0.125 χ^2/NDF : 5449955.2/28

In: 511.659+/-0.179 χ^2/NDF : 2830166.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.882+/-0.125 χ^2/NDF : 5449955.2/28

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

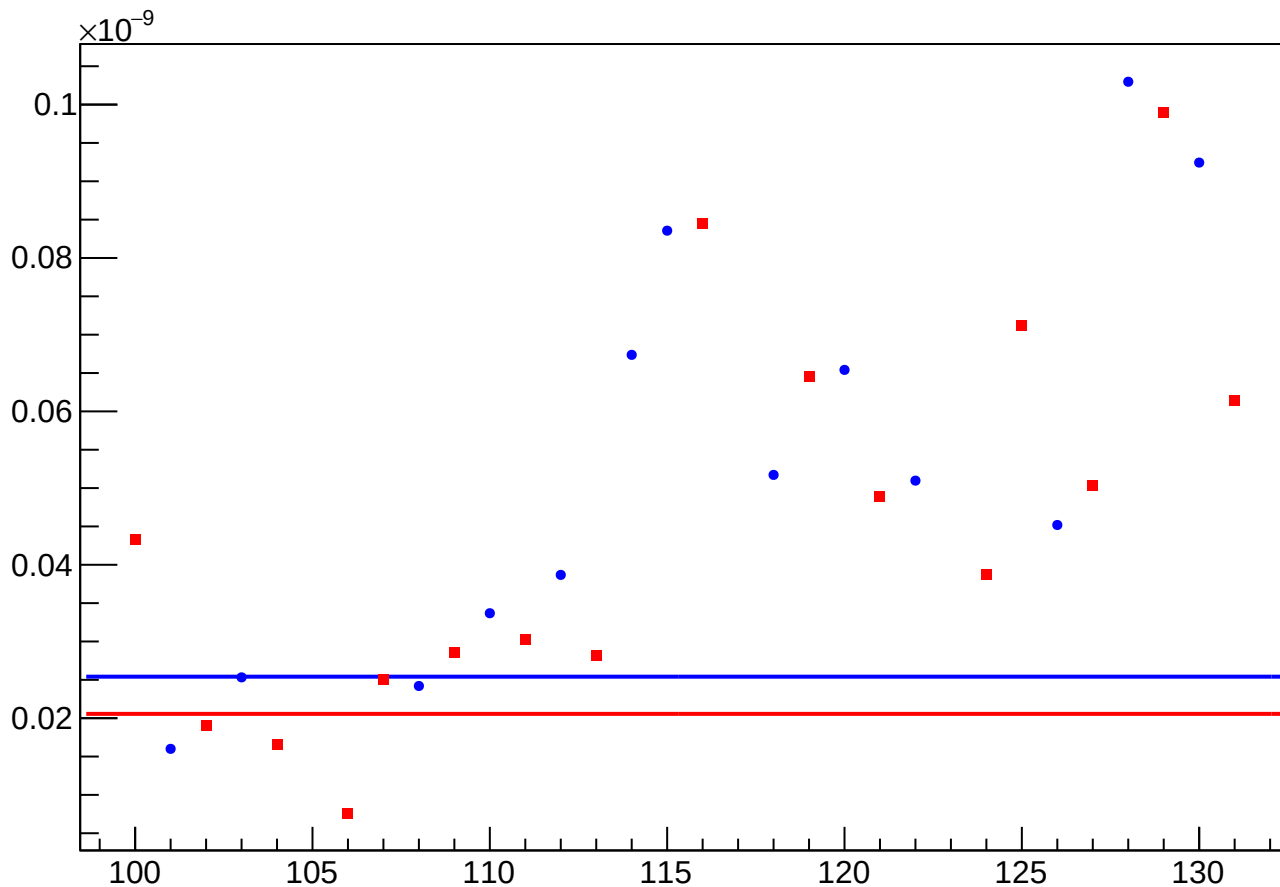
Right: 0.000+/-0.000 χ^2/NDF : 36.4/28

In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.4/28

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1402835.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1846270.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

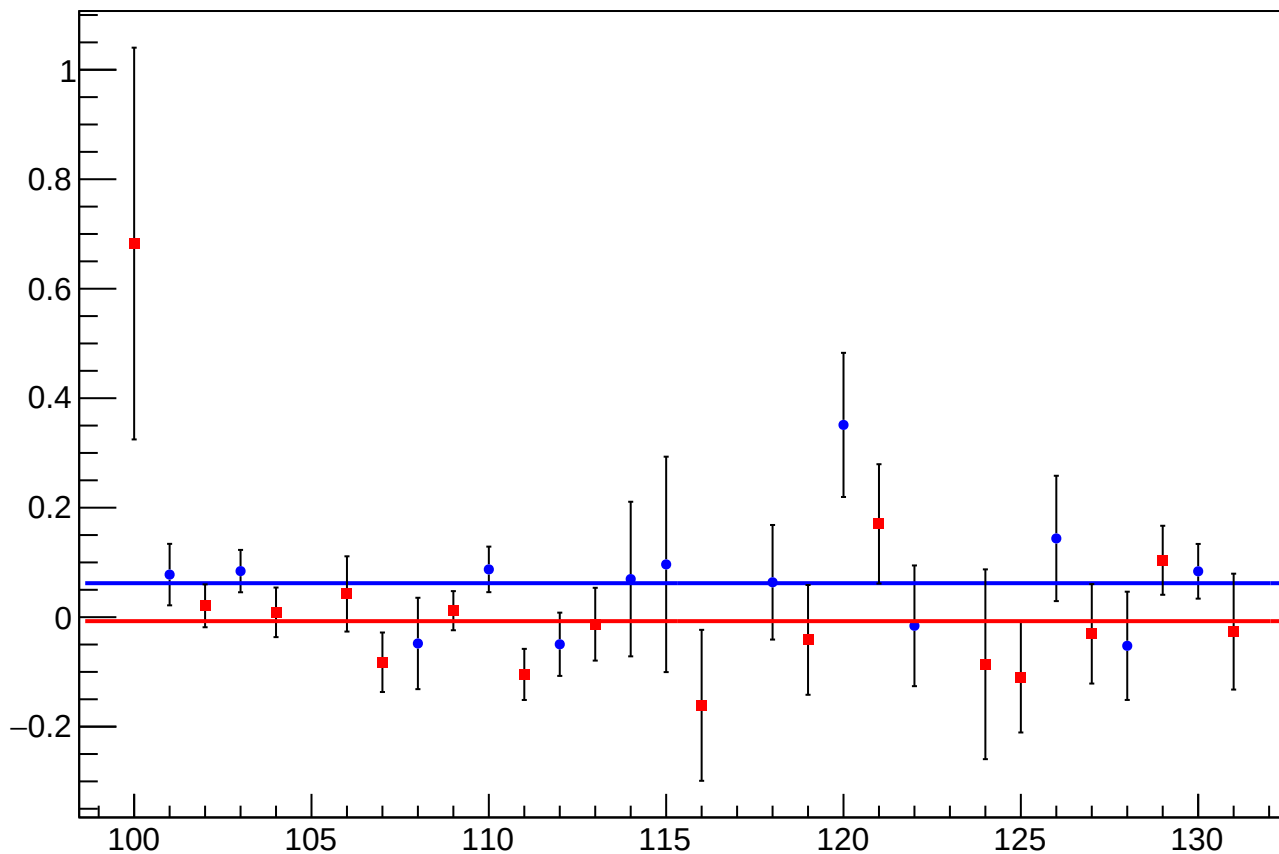
Right: 0.000+/-0.000 χ^2/NDF : 3338859.9/28

In: 0.000+/-0.000 χ^2/NDF : 1402835.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3338859.9/28

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

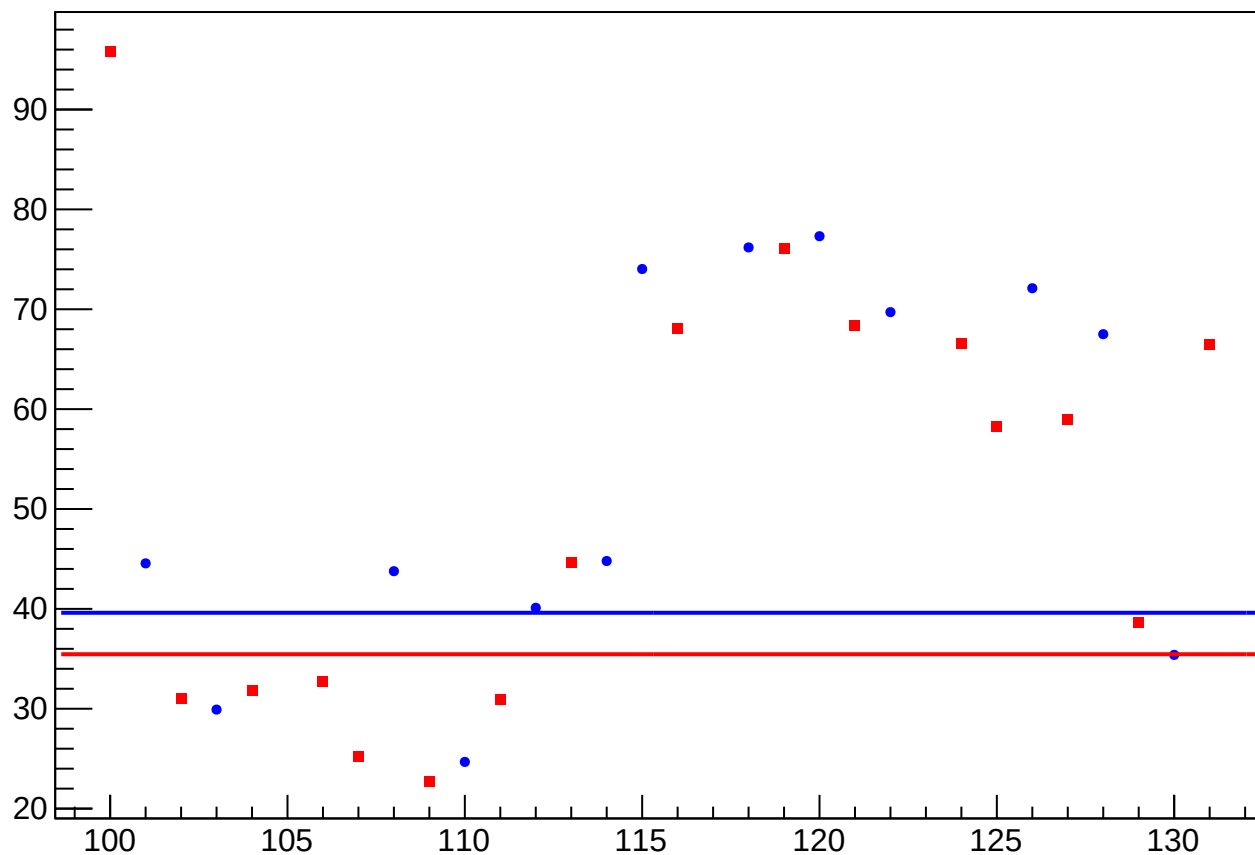
Right: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.6/28

In: 0.062 $\pm$ 0.019 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.6/28

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.609+/-0.013 χ^2/NDF : 1359585.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580933.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

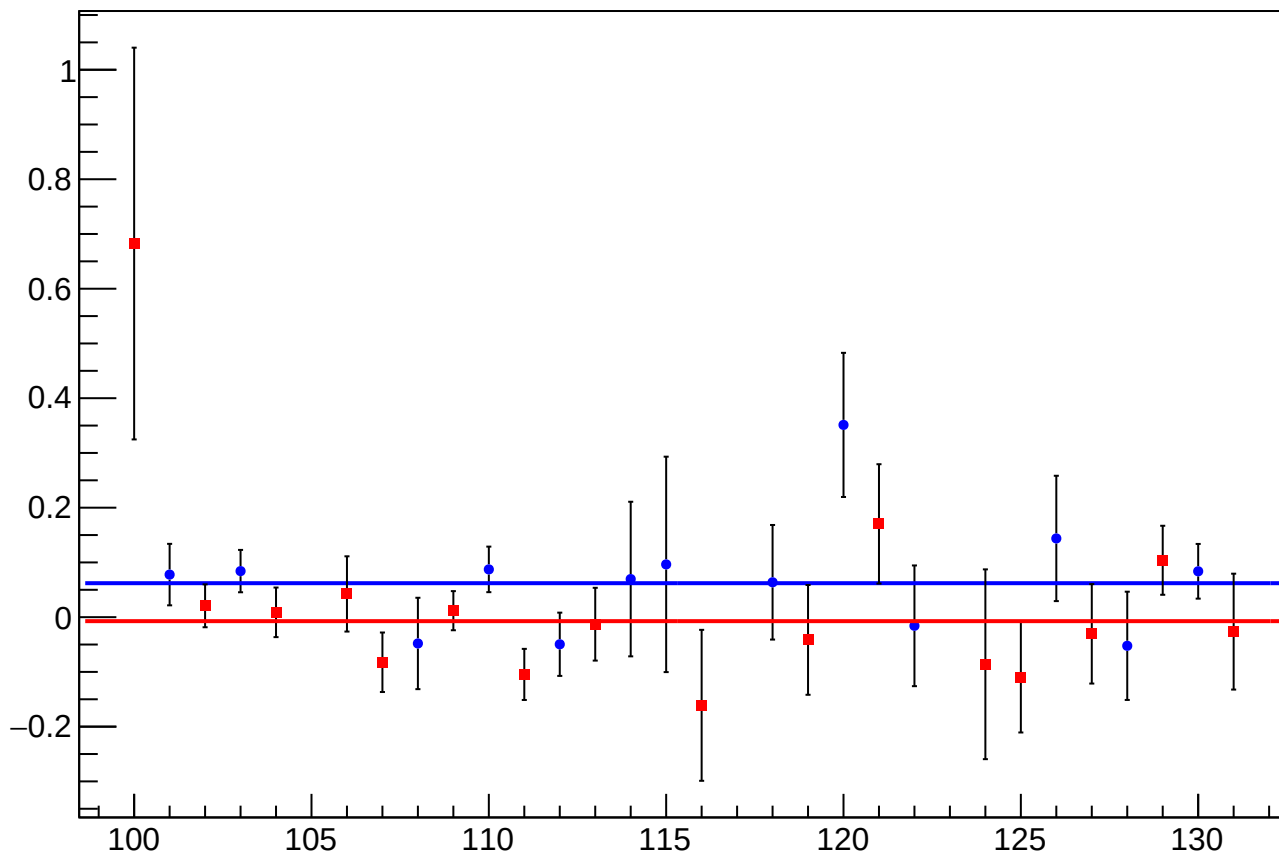
Right: 37.201+/-0.009 χ^2/NDF : 2998347.7/28

In: 39.609+/-0.013 χ^2/NDF : 1359585.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.201+/-0.009 χ^2/NDF : 2998347.7/28

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

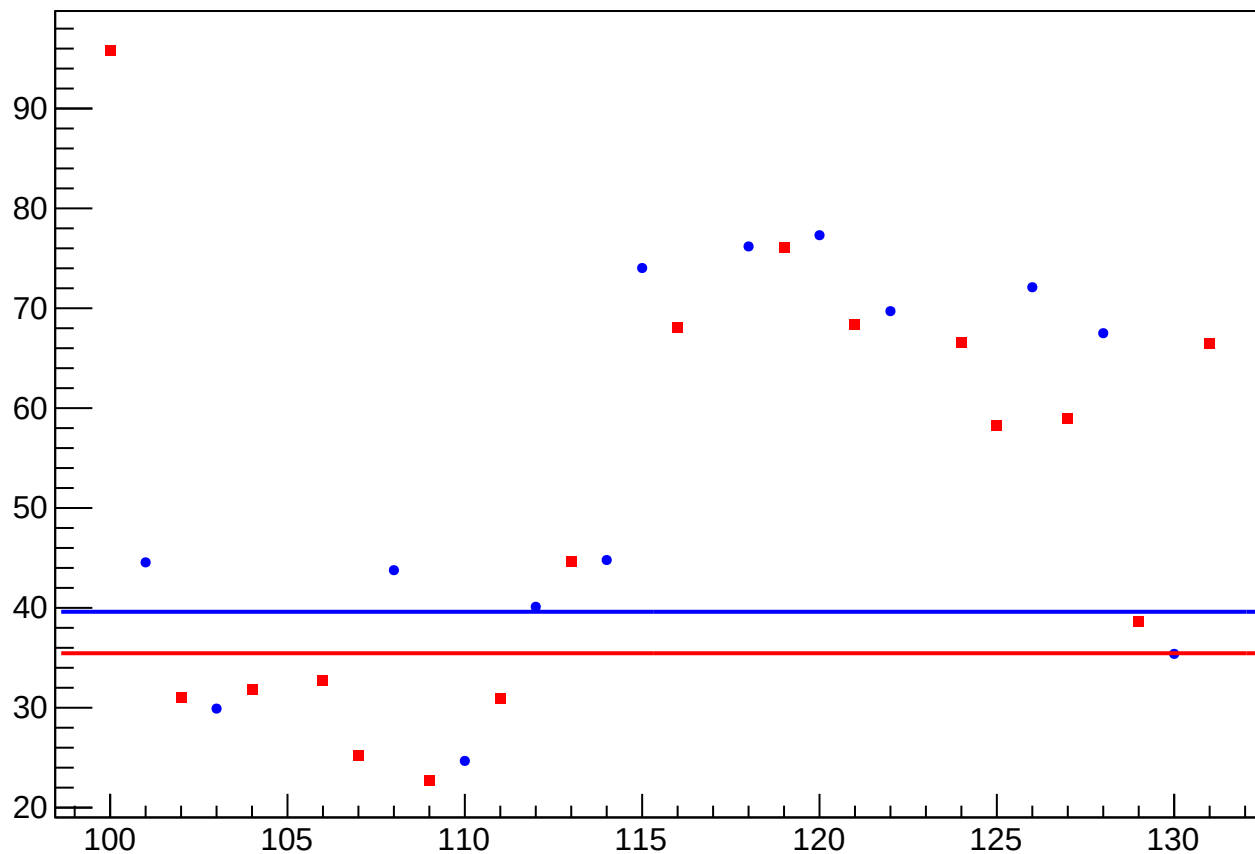
Right: 0.022+/-0.012 χ^2/NDF : 41.6/28

In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.012 χ^2/NDF : 41.6/28

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.609+/-0.013 χ^2/NDF : 1359585.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580933.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

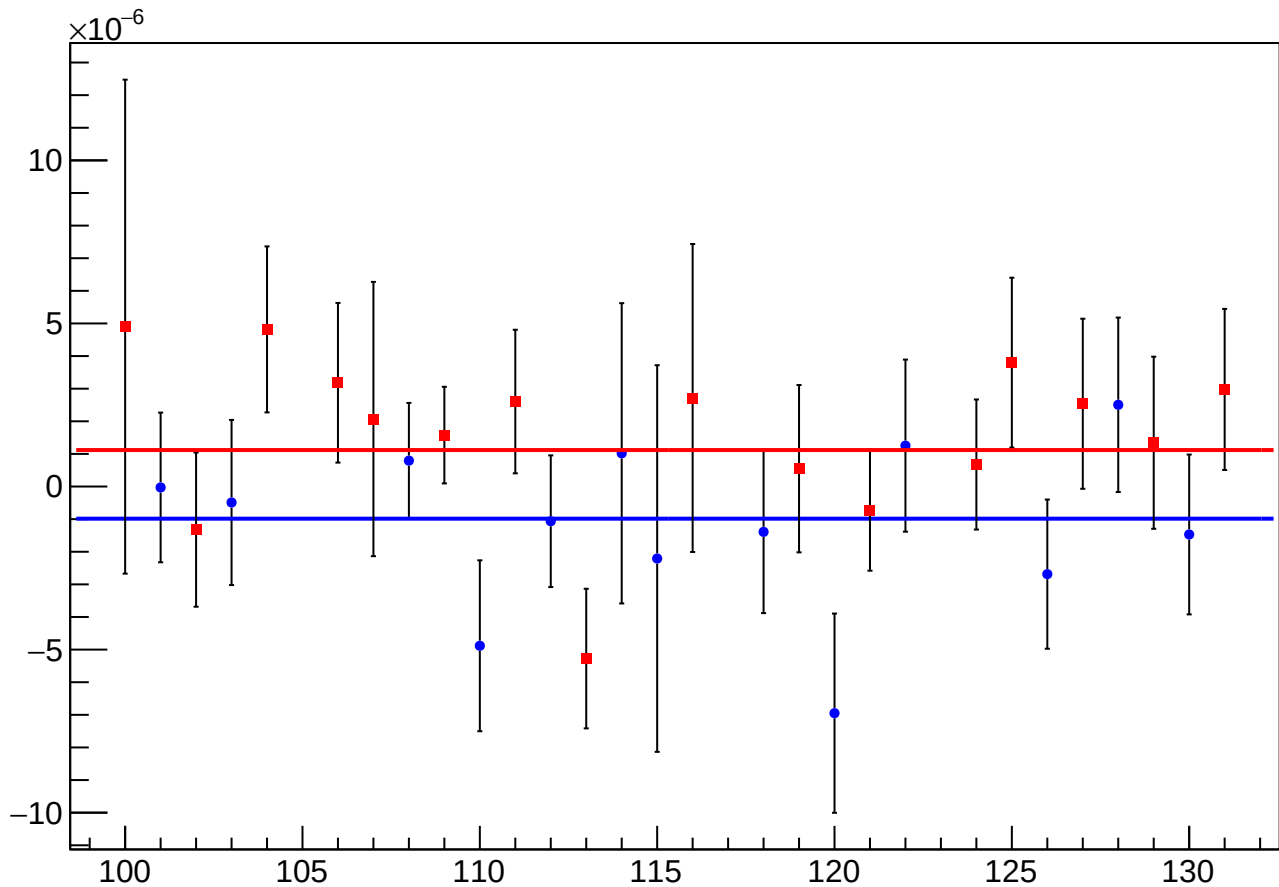
Right: 37.201+/-0.009 χ^2/NDF : 2998347.7/28

In: 39.609+/-0.013 χ^2/NDF :1359585.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.201+/-0.009 χ^2/NDF : 2998347.7/28

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/12

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

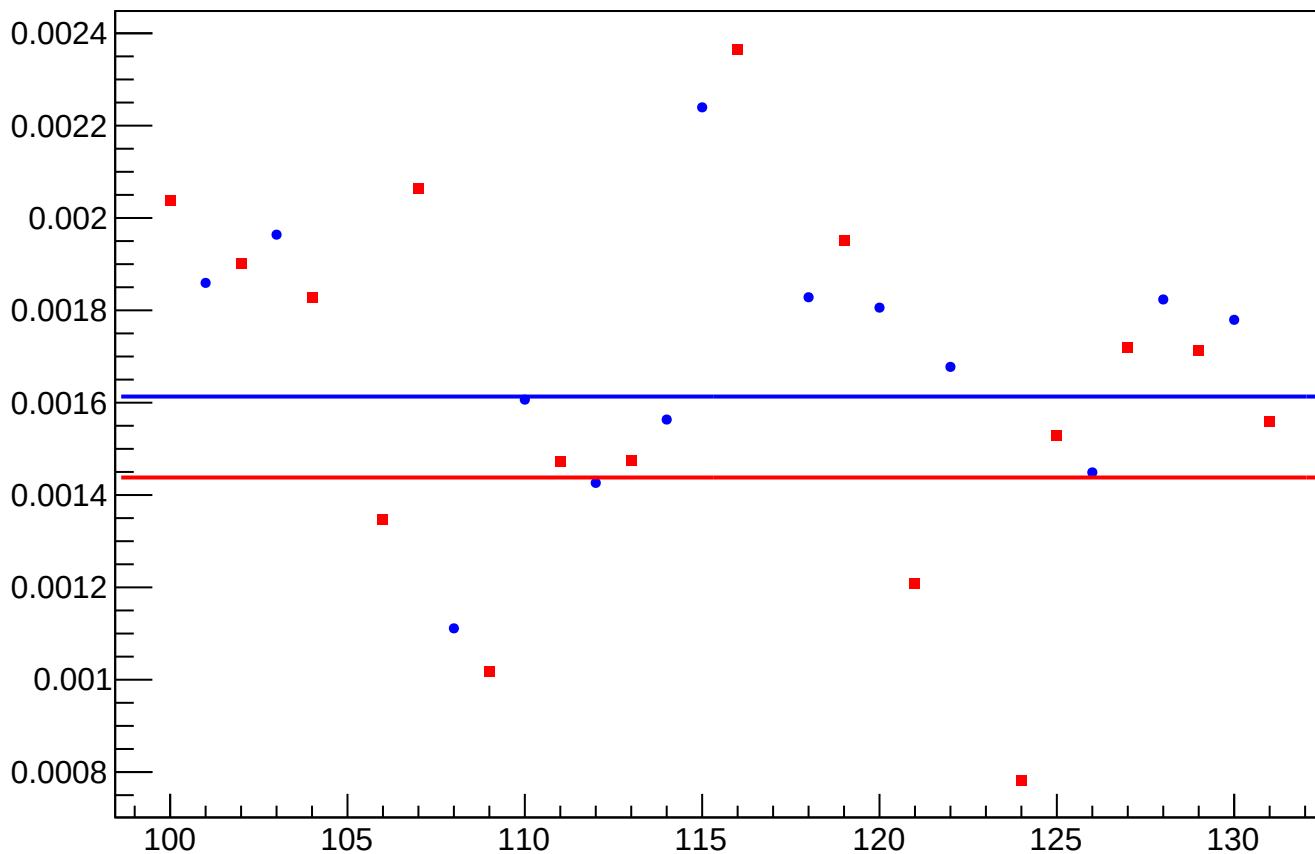
Right: 0.000+/-0.000 χ^2/NDF : 32.5/28

In: -0.000+/-0.000 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.5/28

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 317962.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 801709.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

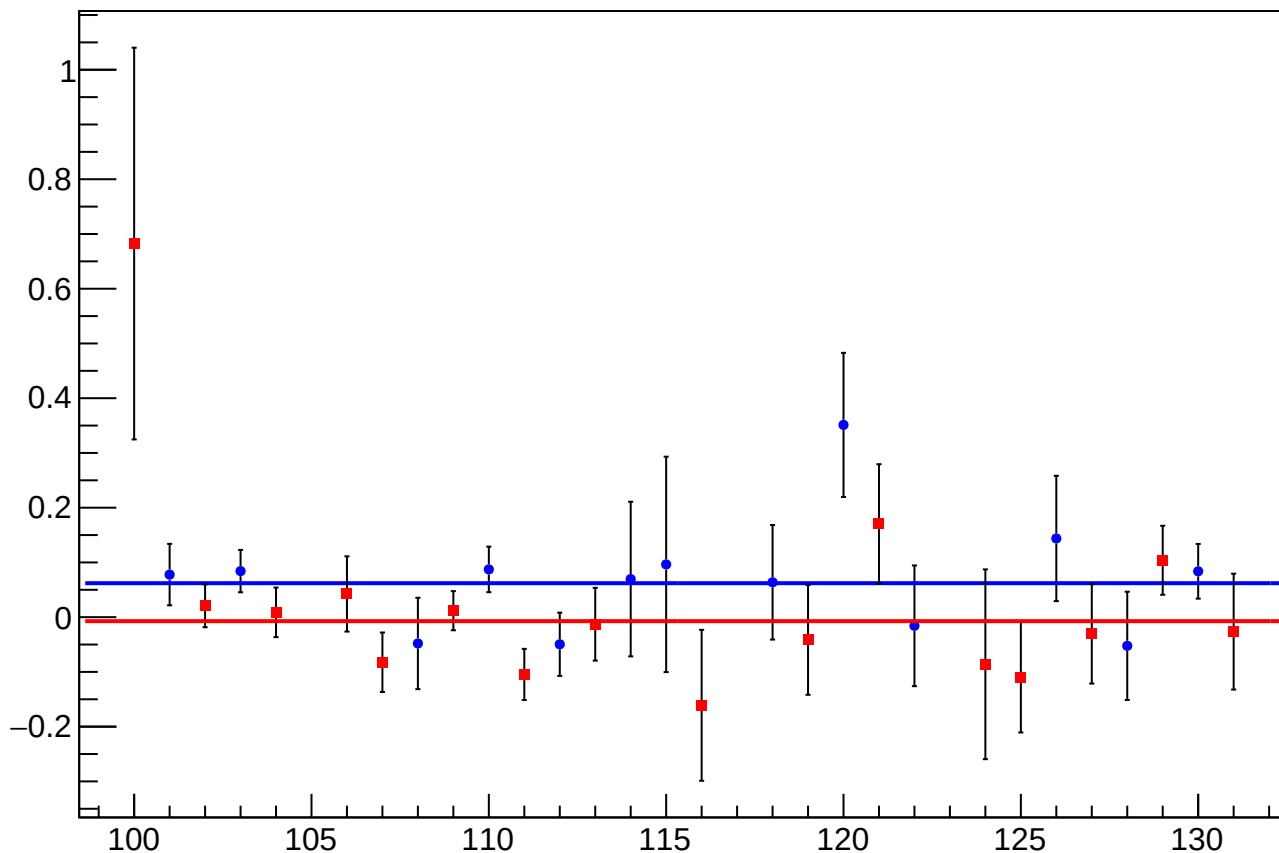
Right: 0.002+/-0.000 χ^2/NDF : 1192187.1/28

In: 0.002+/-0.000 χ^2/NDF :317962.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1192187.1/28

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

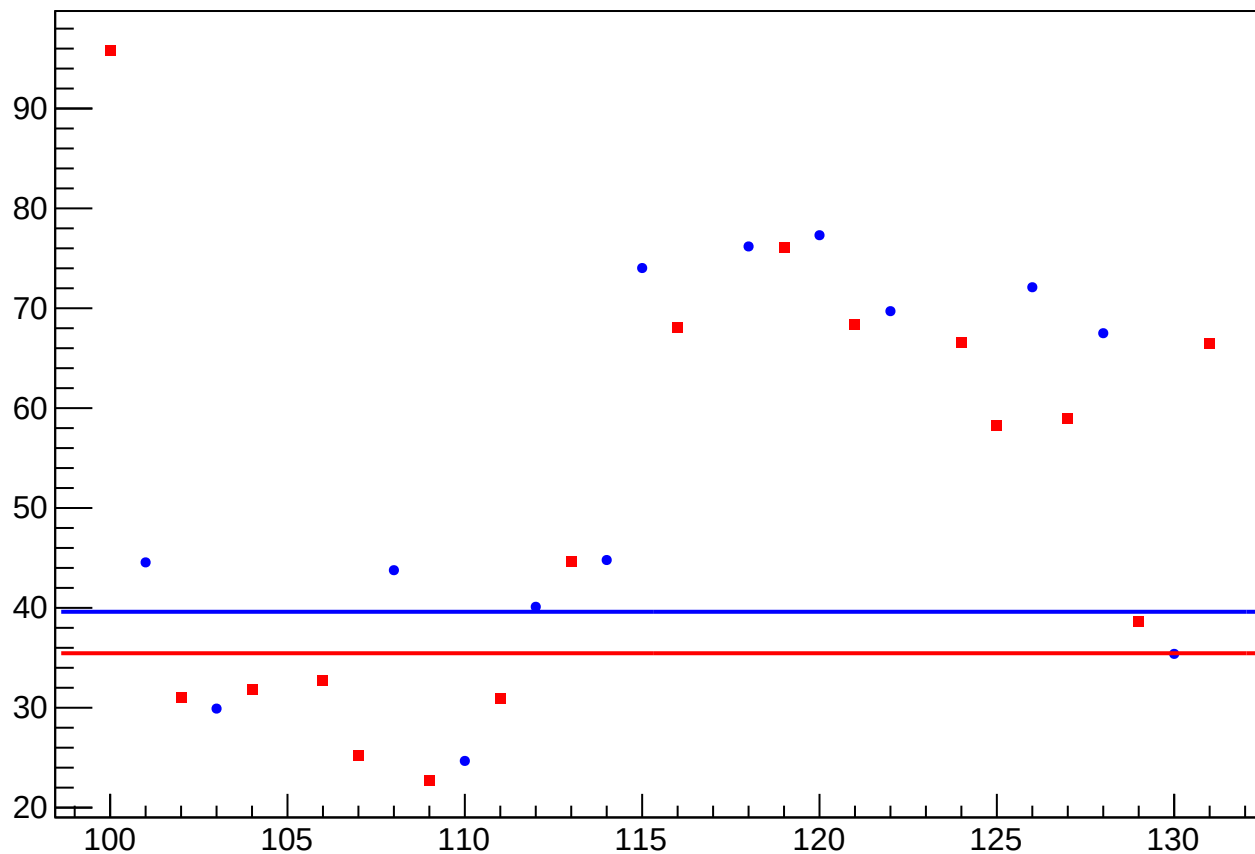
Right: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.6/28

In: 0.062 $\pm$ 0.019 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.6/28

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580927.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

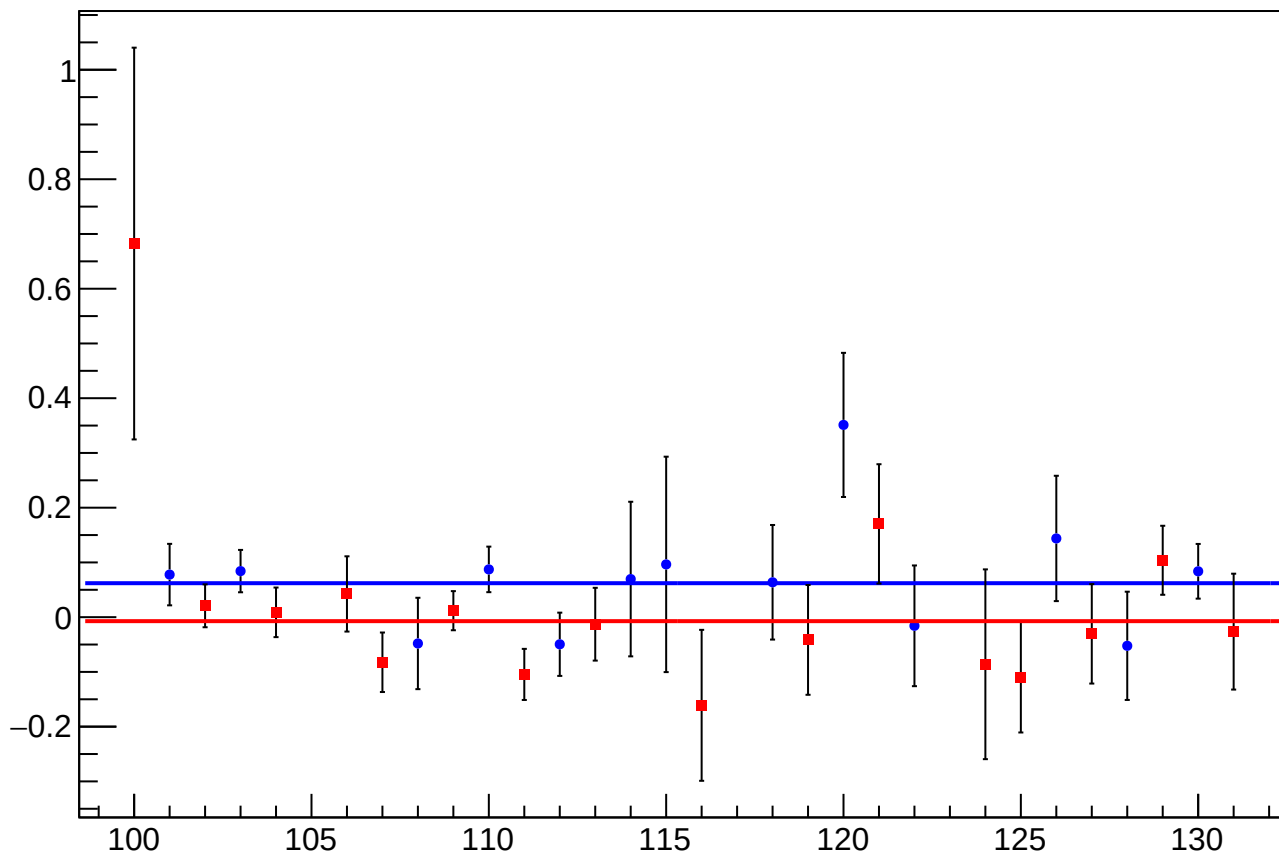
Right: 37.200+/-0.009 χ^2/NDF : 2998342.5/28

In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.200+/-0.009 χ^2/NDF : 2998342.5/28

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

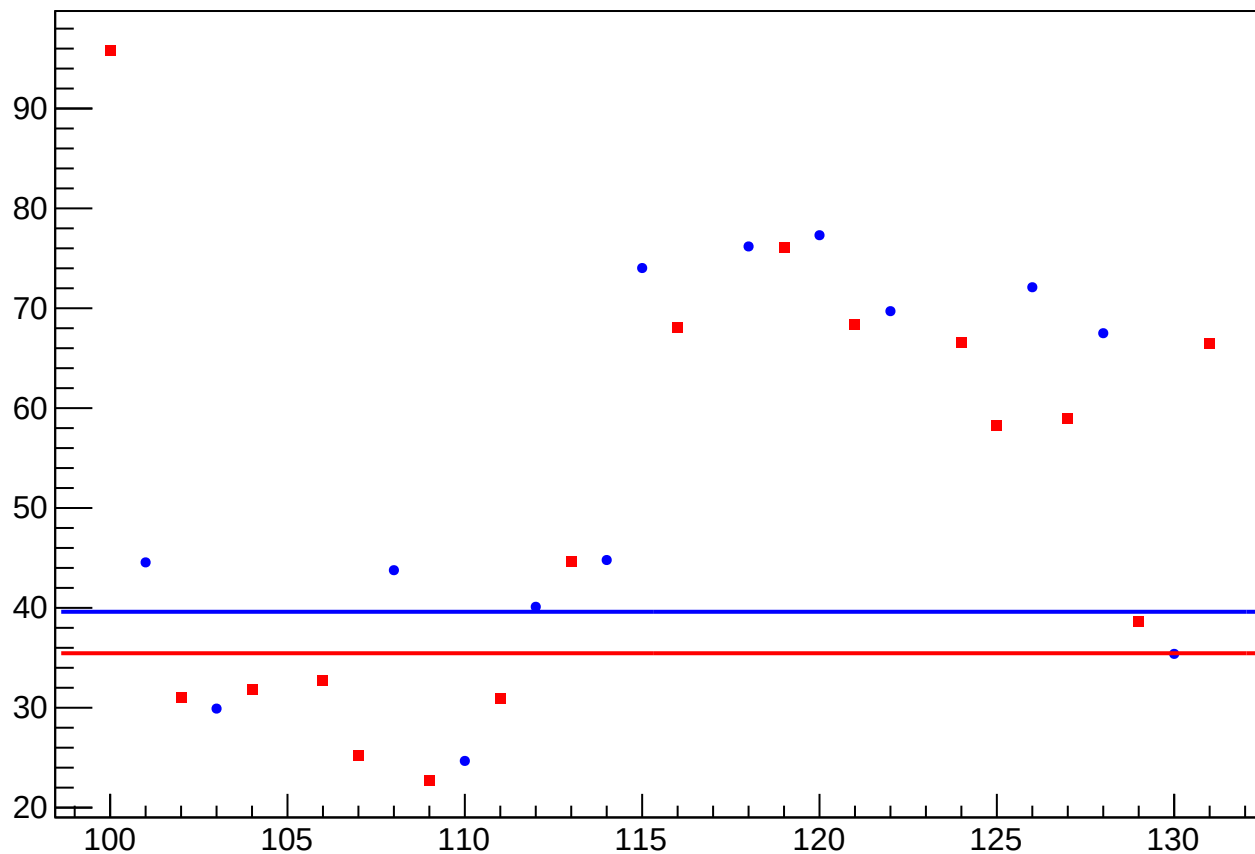
Right: 0.022+/-0.012 χ^2/NDF : 41.6/28

In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.012 χ^2/NDF : 41.6/28

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580927.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

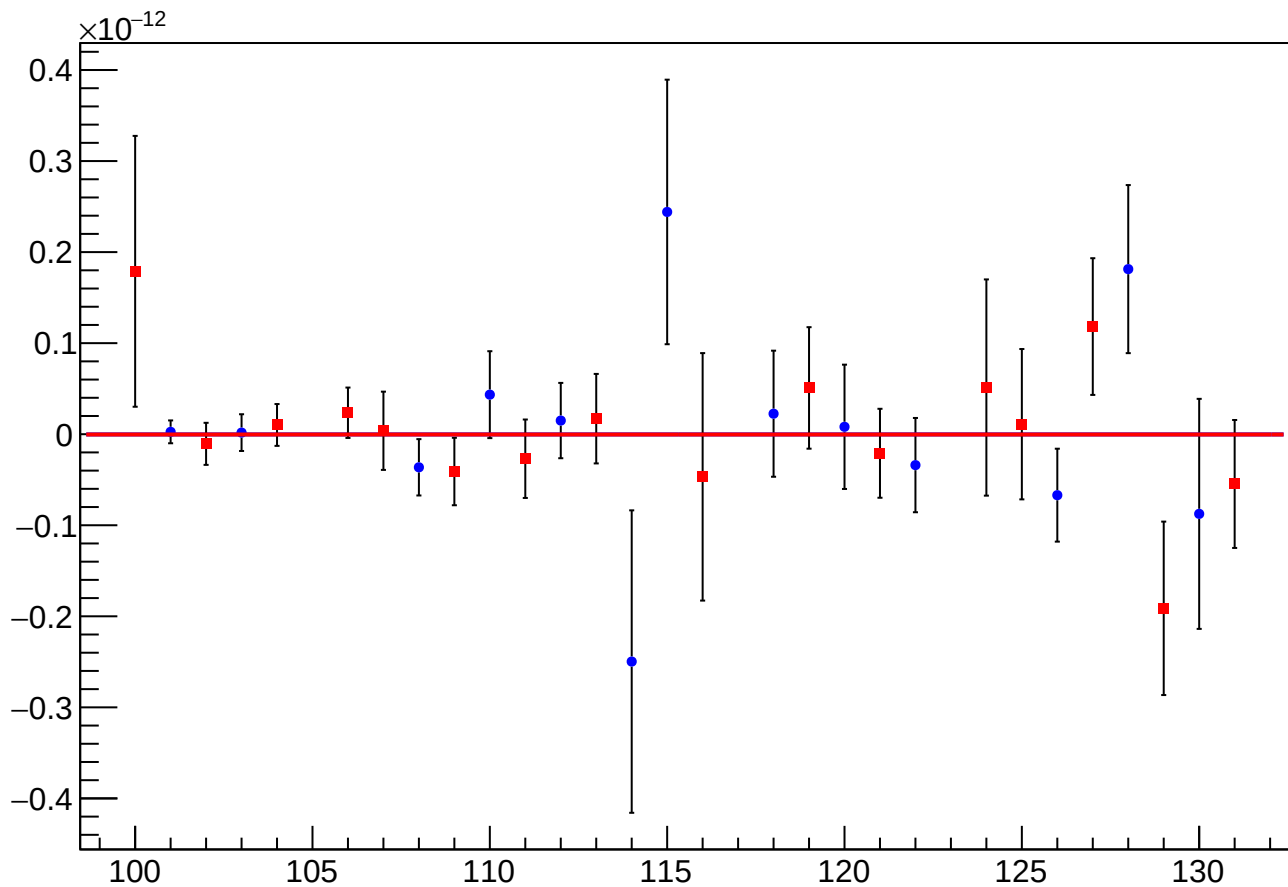
Right: 37.200+/-0.009 χ^2/NDF : 2998342.5/28

In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.200+/-0.009 χ^2/NDF : 2998342.5/28

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

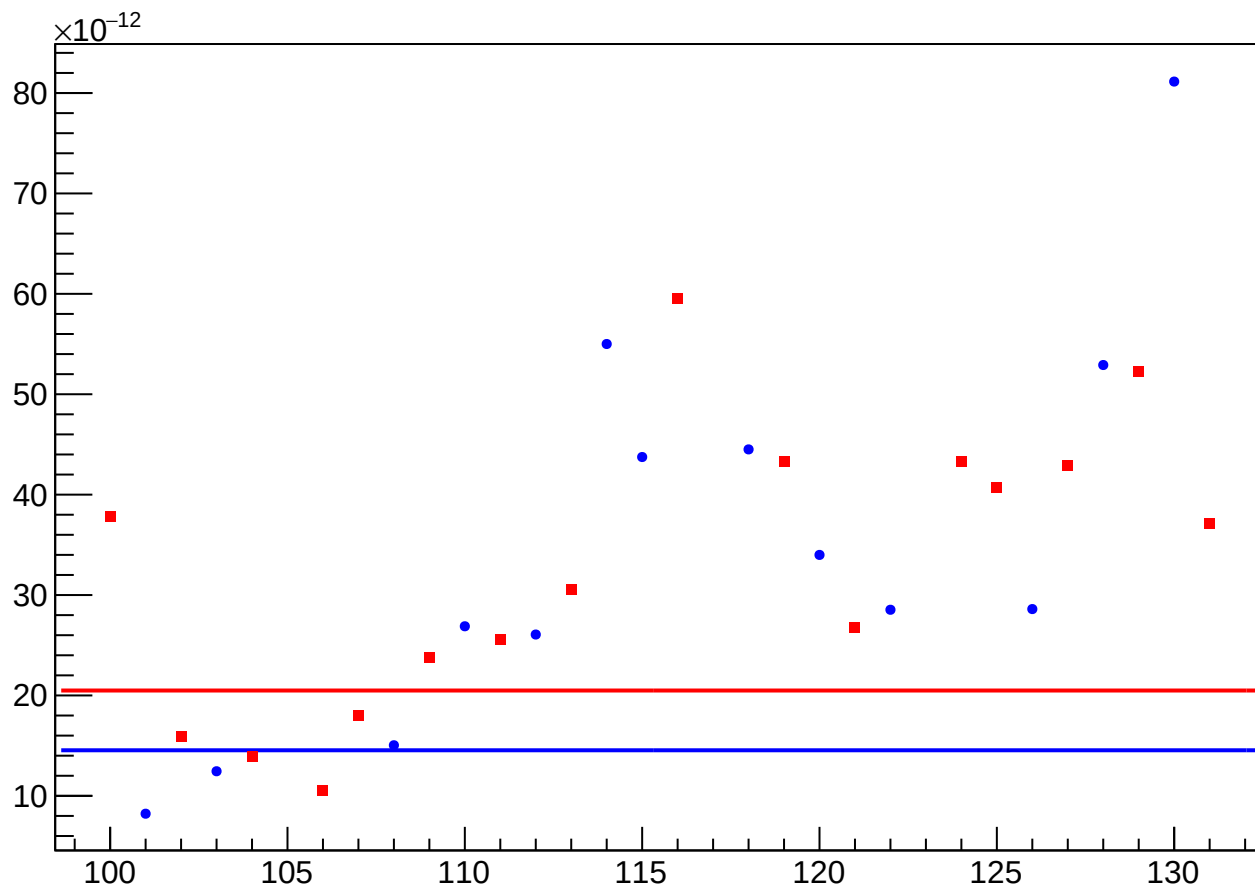
Right: -0.000+/-0.000 χ^2/NDF : 26.6/28

In: -0.000+/-0.000 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.6/28

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2754638.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1804320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

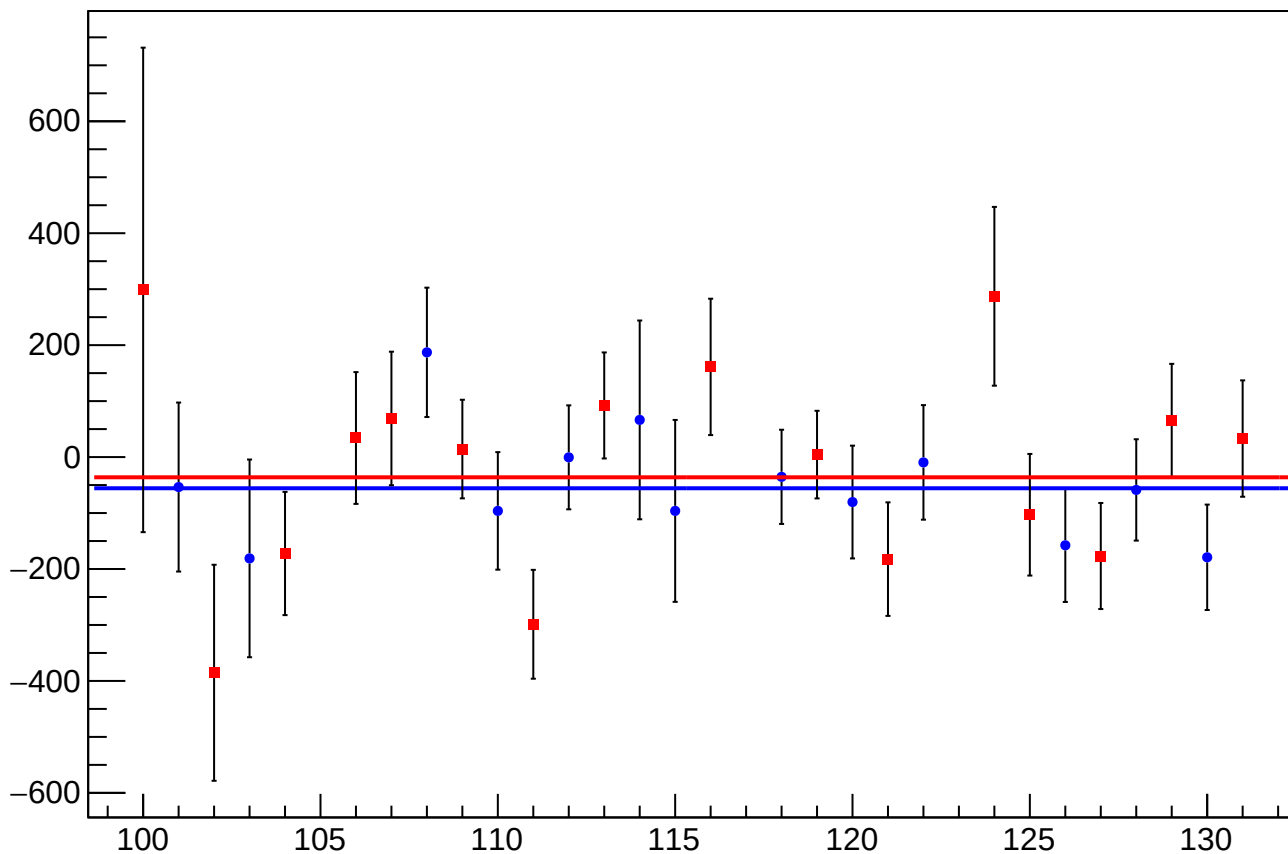
Right: 0.000+/-0.000 χ^2/NDF : 4921490.4/28

In: 0.000+/-0.000 χ^2/NDF : 2754638.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4921490.4/28

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.730 ± 30.227 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.138 ± 27.155 χ^2/NDF : 29.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

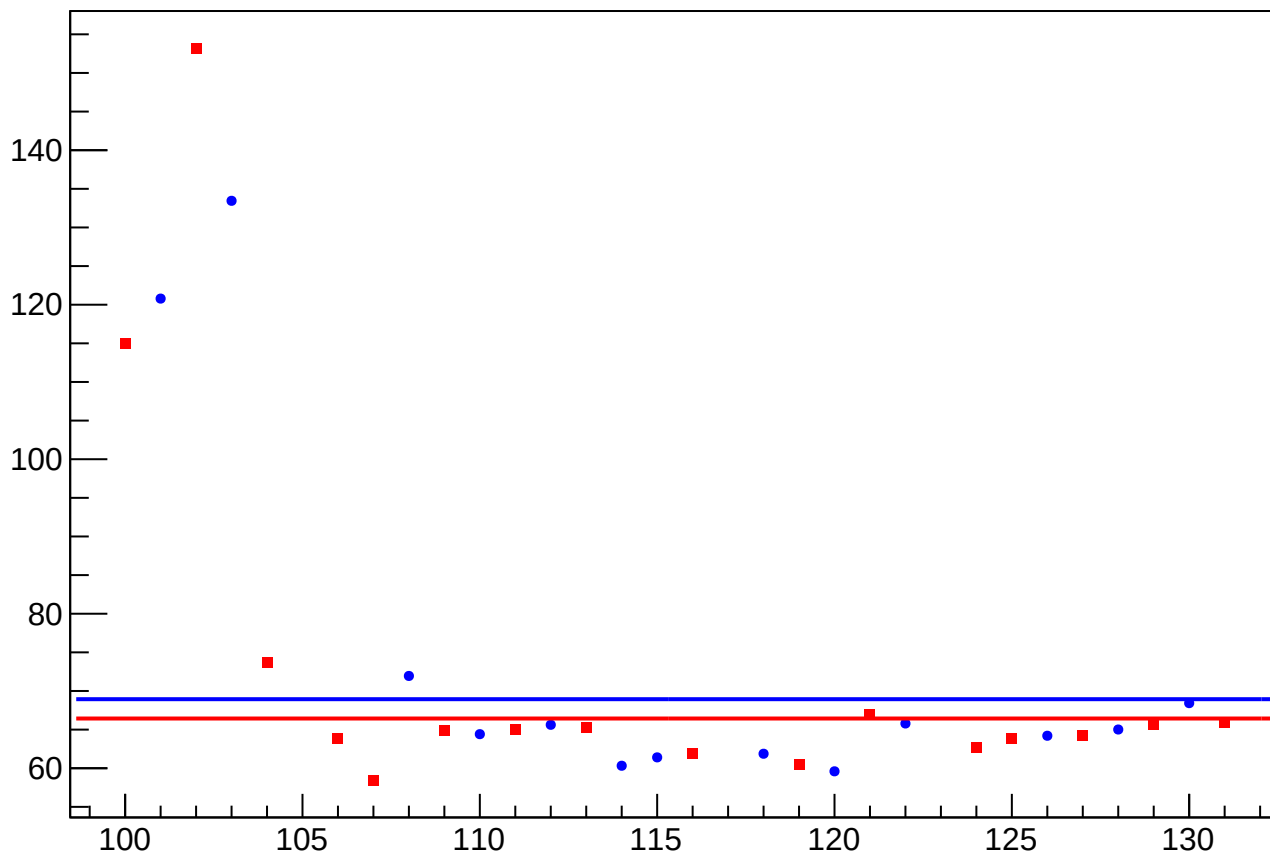
Right: -44.888 ± 20.201 χ^2/NDF : 38.3/28

In: -55.730 ± 30.227 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.888 ± 20.201 χ^2/NDF : 38.3/28

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.938+/-0.021 χ^2/NDF : 560662.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.436+/-0.019 χ^2/NDF : 466582.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

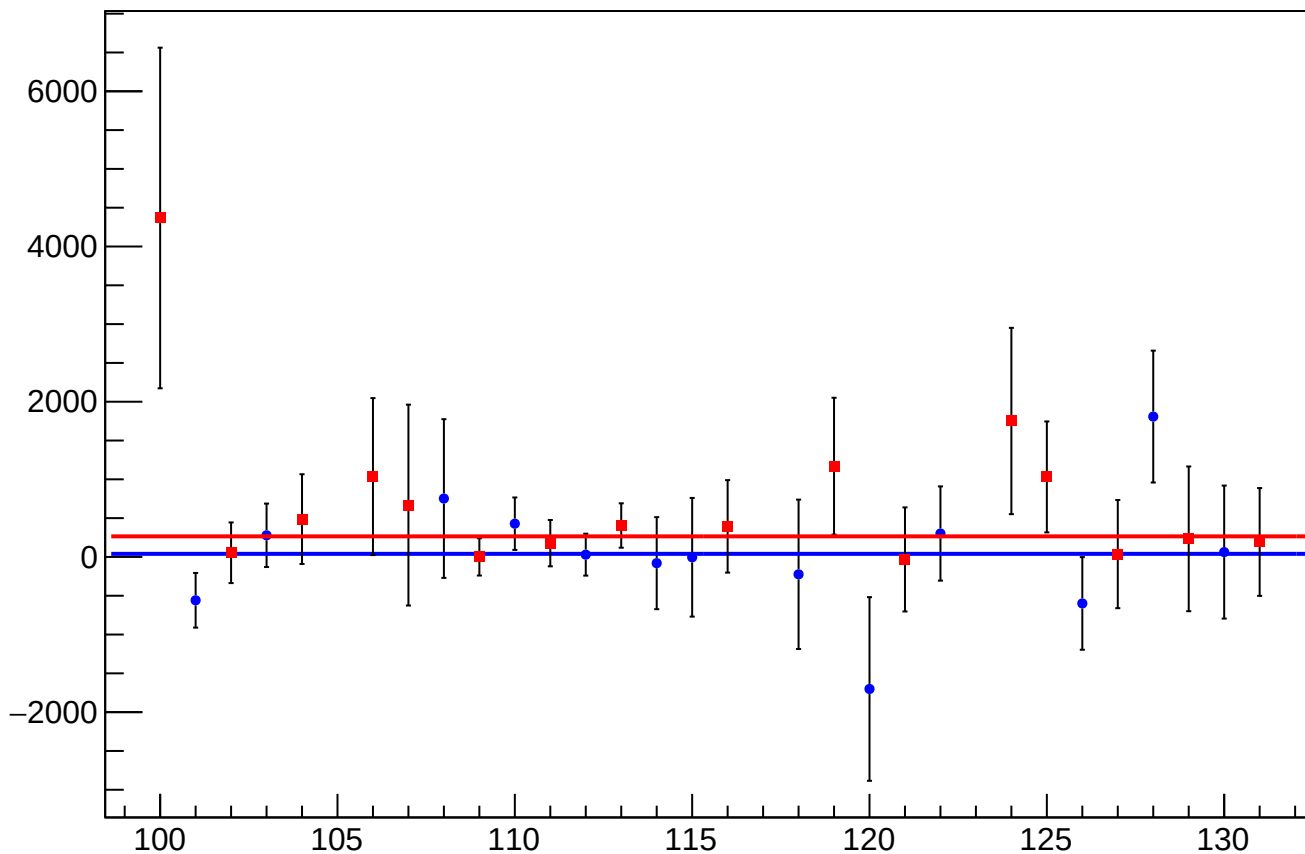
Right: 67.553+/-0.014 χ^2/NDF : 1034825.1/28

In: 68.938+/-0.021 χ^2/NDF : 560662.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.553+/-0.014 χ^2/NDF : 1034825.1/28

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 39.801 $\pm$ 138.573 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 265.181 $\pm$ 122.727 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

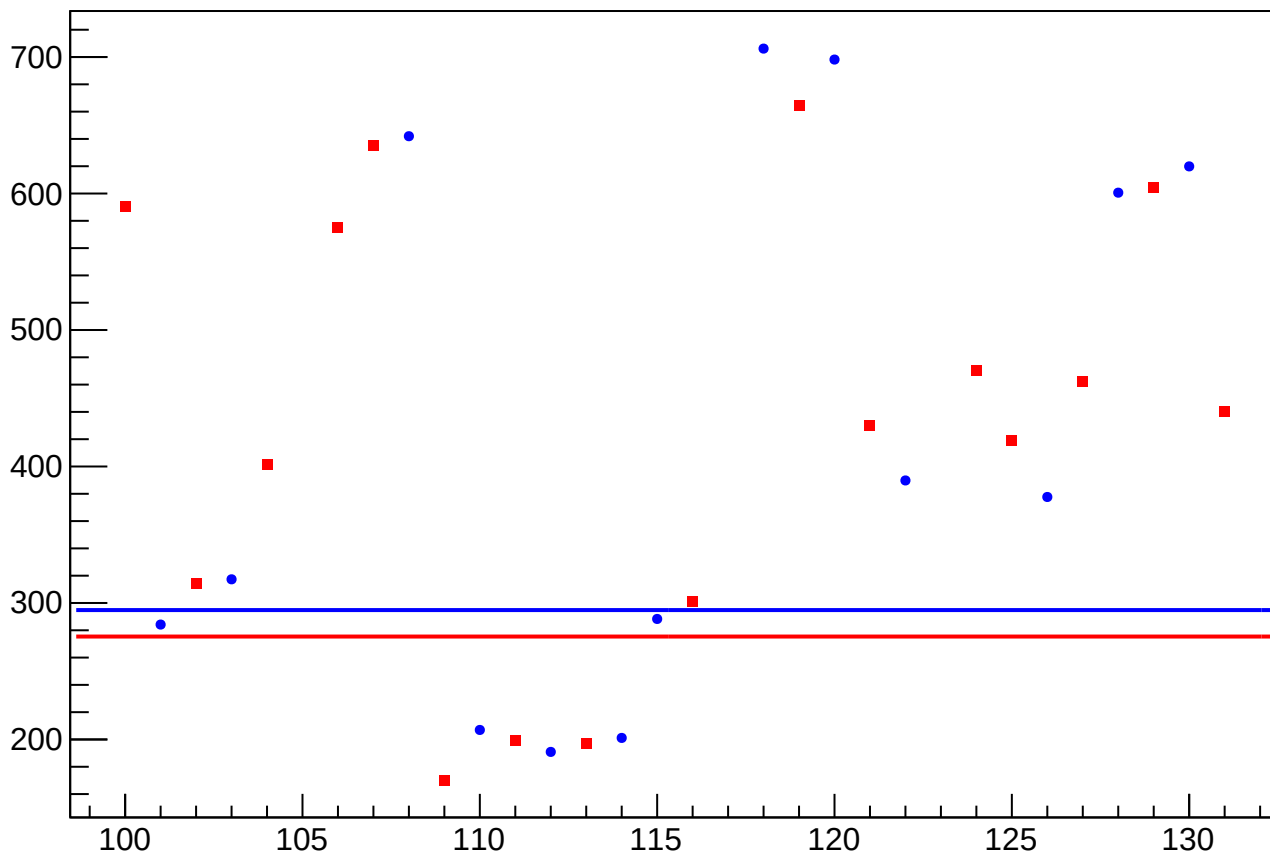
Right: 166.109 $\pm$ 91.875 χ^2 /NDF: 24.7/28

In: 39.801 $\pm$ 138.573 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.109 $\pm$ 91.875 χ^2 /NDF: 24.7/28

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 294.805+/-0.098 χ^2/NDF : 1951542.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.412+/-0.087 χ^2/NDF : 2291551.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

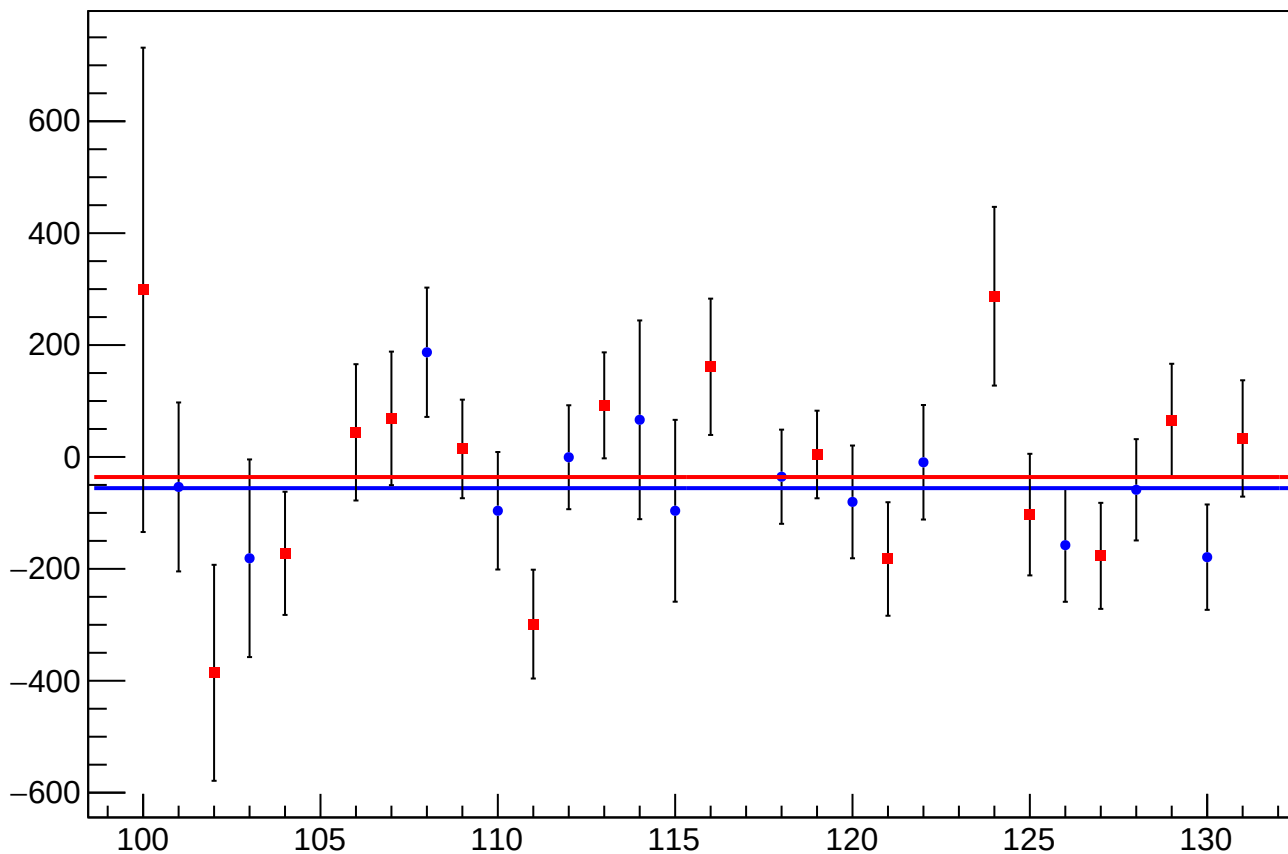
Right: 283.937+/-0.065 χ^2/NDF : 4265045.7/28

In: 294.805+/-0.098 χ^2/NDF : 1951542.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.937+/-0.065 χ^2/NDF : 4265045.7/28

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.731 $\pm$ 30.227 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.891 $\pm$ 27.203 χ^2 /NDF: 29.2/15

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

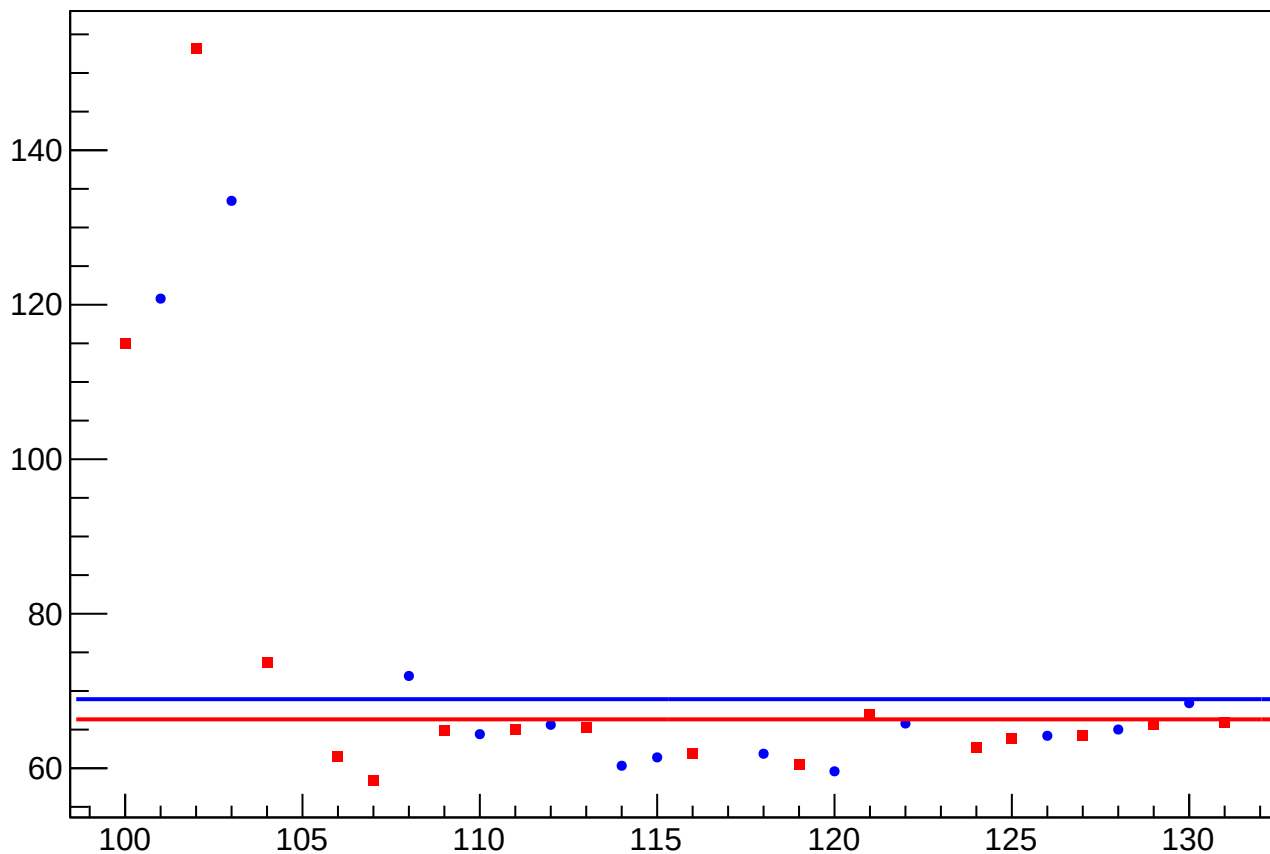
Right: -44.769 $\pm$ 20.220 χ^2 /NDF: 38.4/28

In: -55.731 $\pm$ 30.227 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.769 $\pm$ 20.220 χ^2 /NDF: 38.4/28

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.938+/-0.021 χ^2/NDF : 560663.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.327+/-0.019 χ^2/NDF : 468870.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

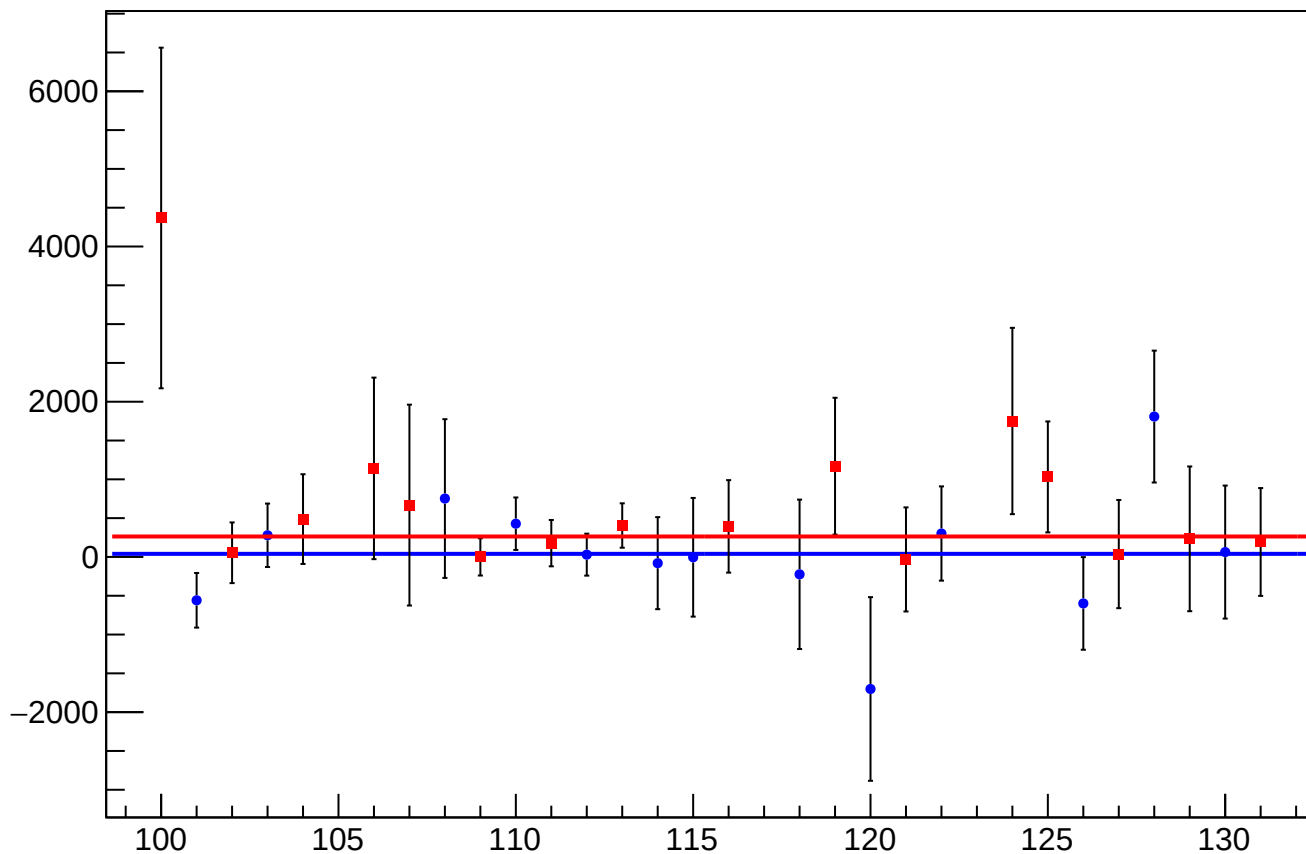
Right: 67.495+/-0.014 χ^2/NDF : 1037775.4/28

In: 68.938+/-0.021 χ^2/NDF : 560663.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.495+/-0.014 χ^2/NDF : 1037775.4/28

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.490+/-122.961 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

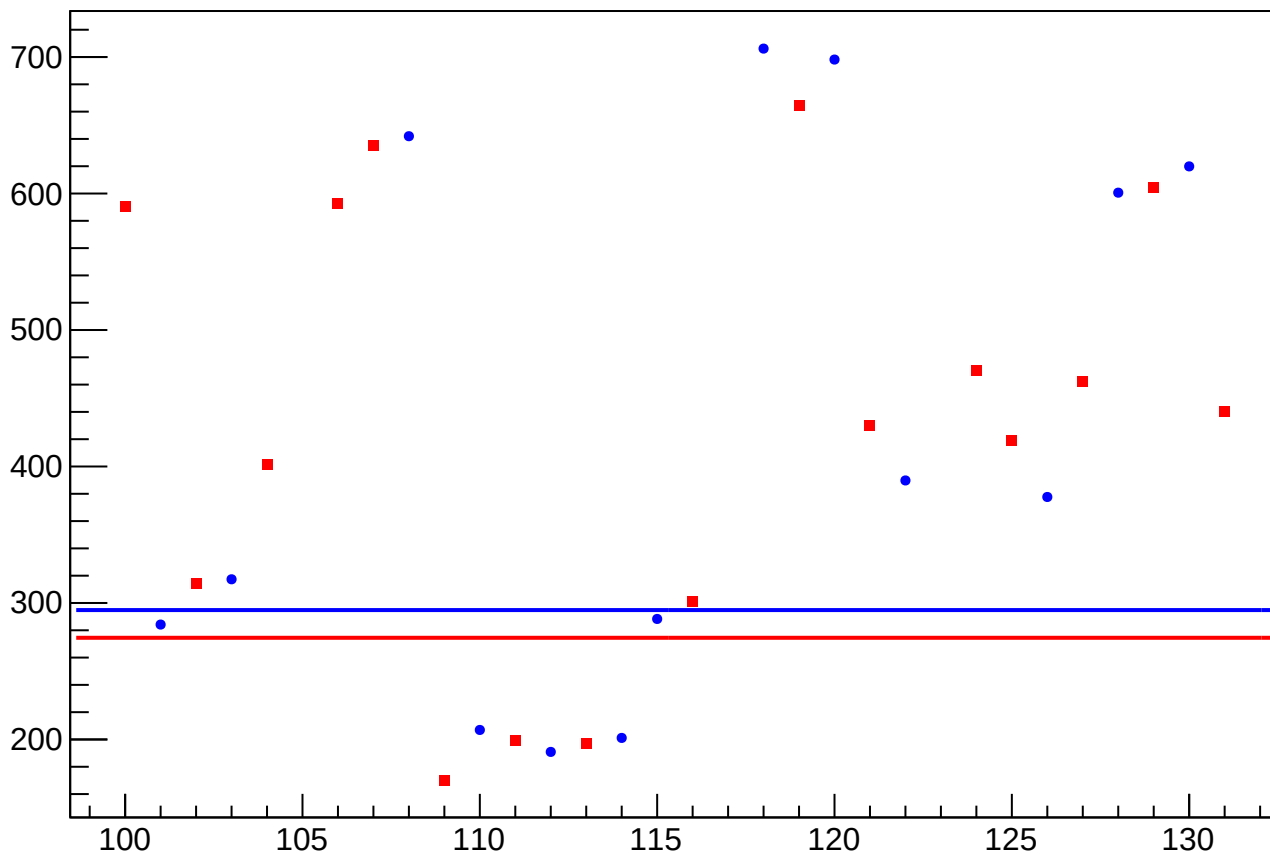
Right: 164.955+/-91.973 χ^2/NDF : 24.7/28

In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.955+/-91.973 χ^2/NDF : 24.7/28

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.503+/-0.087 χ^2/NDF : 2263416.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

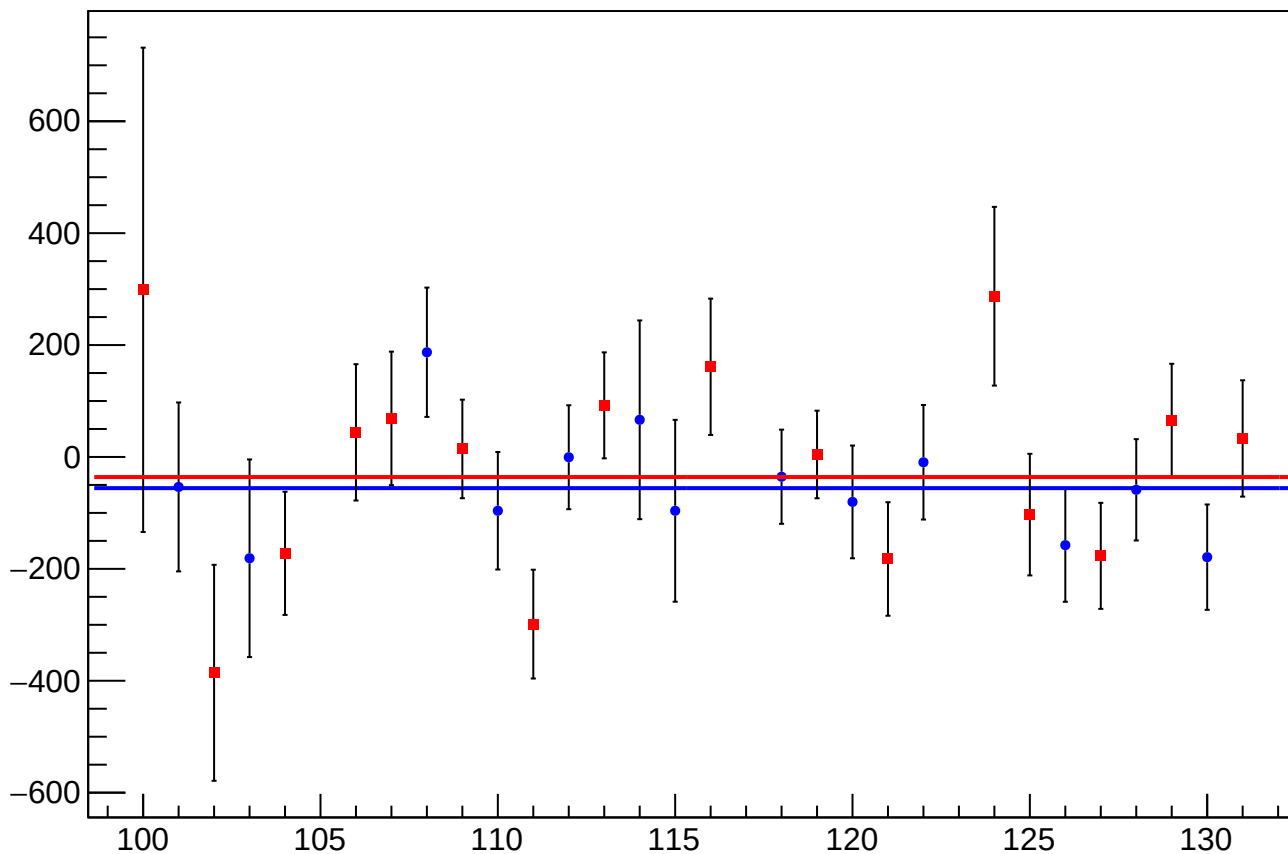
Right: 283.447+/-0.065 χ^2/NDF : 4238992.7/28

In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.447+/-0.065 χ^2/NDF : 4238992.7/28

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.731 $\pm$ 30.227 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.891 $\pm$ 27.203 χ^2 /NDF: 29.2/15

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

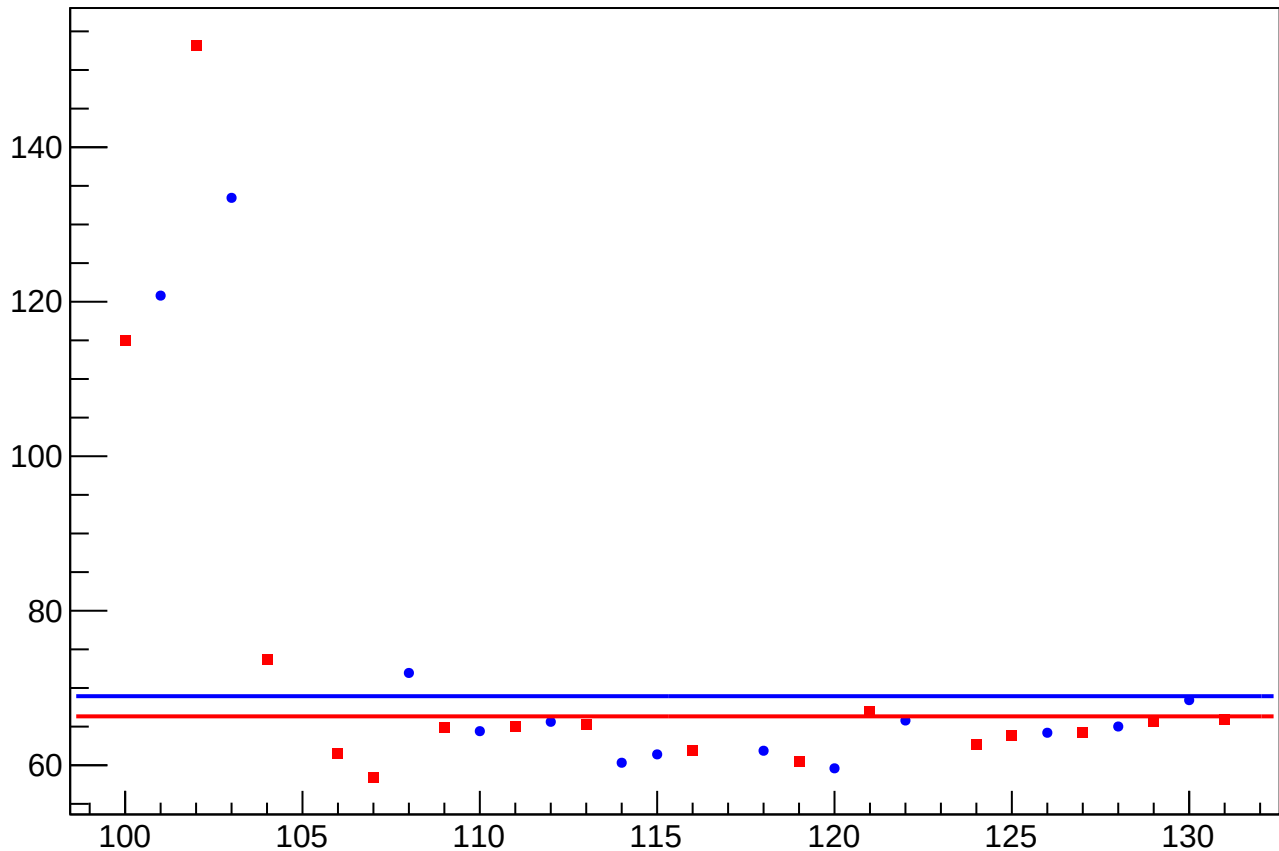
Right: -44.769 $\pm$ 20.220 χ^2 /NDF: 38.4/28

In: -55.731 $\pm$ 30.227 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.769 $\pm$ 20.220 χ^2 /NDF: 38.4/28

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.938+/-0.021 χ^2/NDF : 560663.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.327+/-0.019 χ^2/NDF : 468870.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

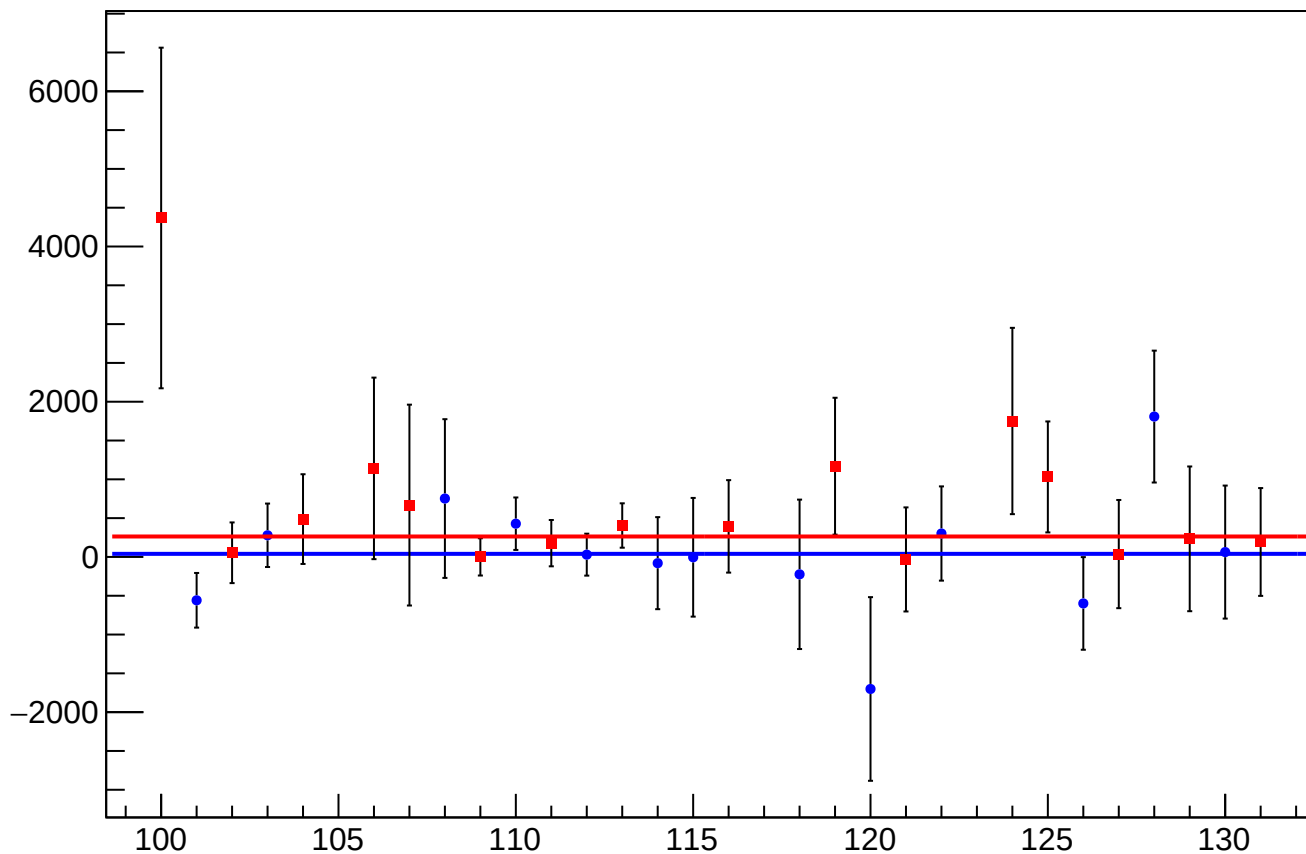
Right: 67.495+/-0.014 χ^2/NDF : 1037775.4/28

In: 68.938+/-0.021 χ^2/NDF : 560663.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.495+/-0.014 χ^2/NDF : 1037775.4/28

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 39.808 $\pm$ 138.574 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 263.490 $\pm$ 122.961 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

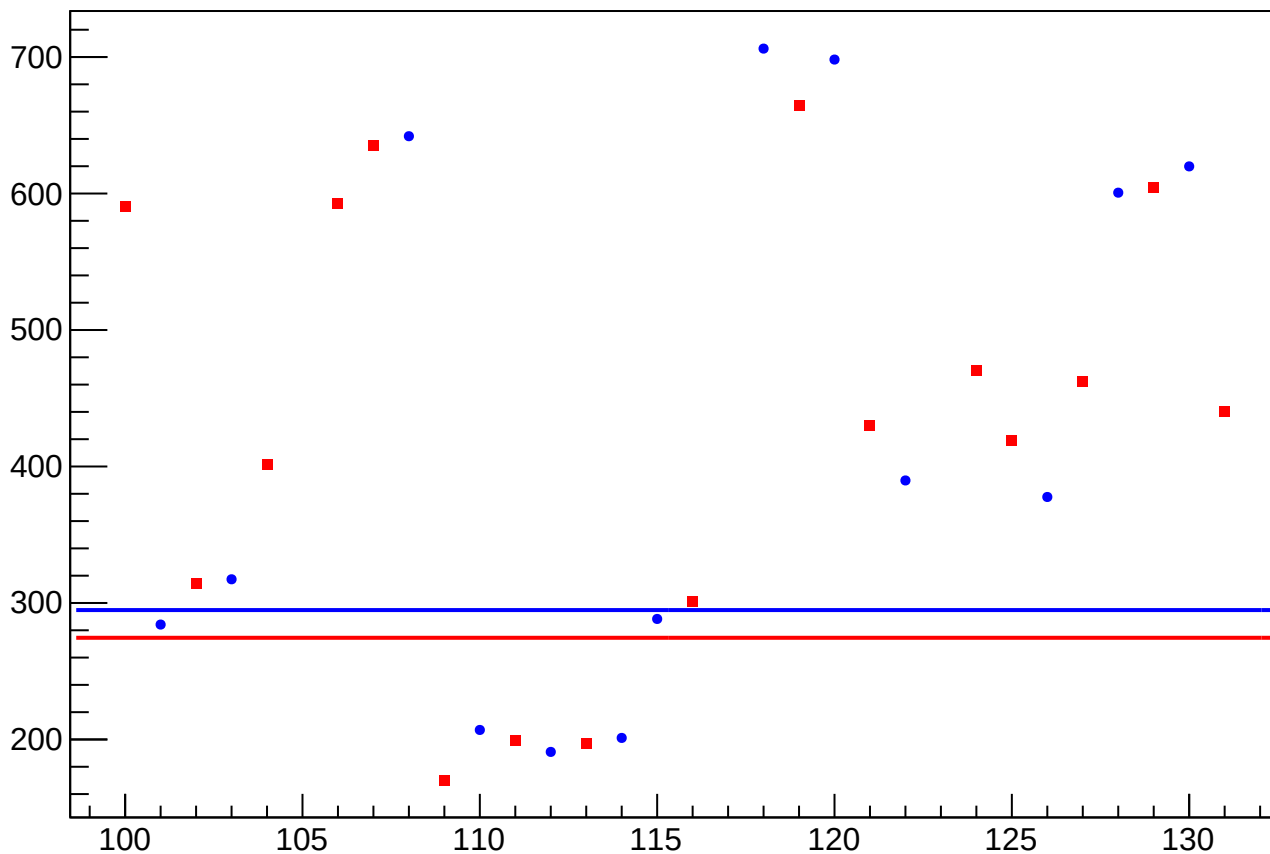
Right: 164.955 $\pm$ 91.973 χ^2 /NDF: 24.7/28

In: 39.808 $\pm$ 138.574 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.955 $\pm$ 91.973 χ^2 /NDF: 24.7/28

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.503+/-0.087 χ^2/NDF : 2263416.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

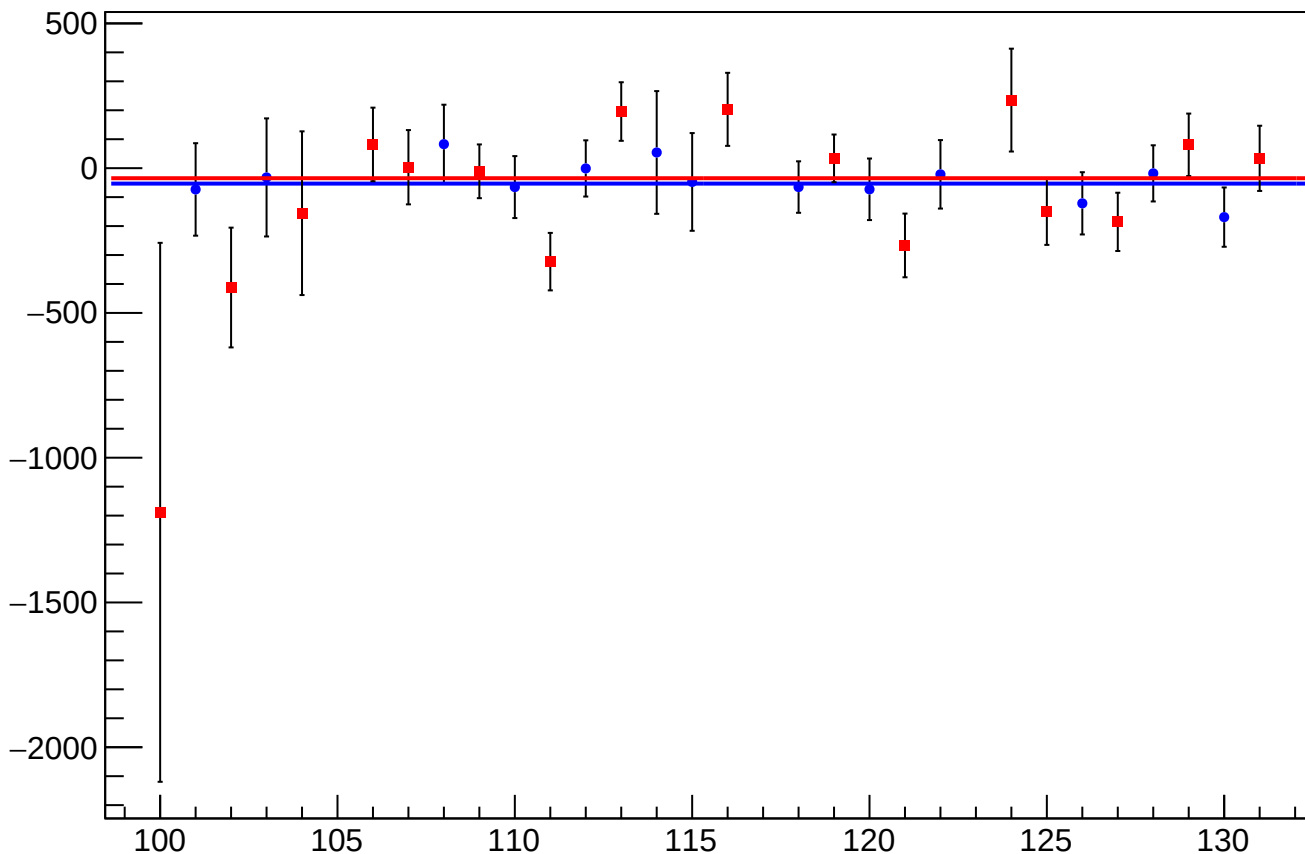
Right: 283.447+/-0.065 χ^2/NDF : 4238992.7/28

In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.447+/-0.065 χ^2/NDF : 4238992.7/28

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.272 $\pm$ 32.573 χ^2 /NDF: 3.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.711 $\pm$ 29.625 χ^2 /NDF: 35.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

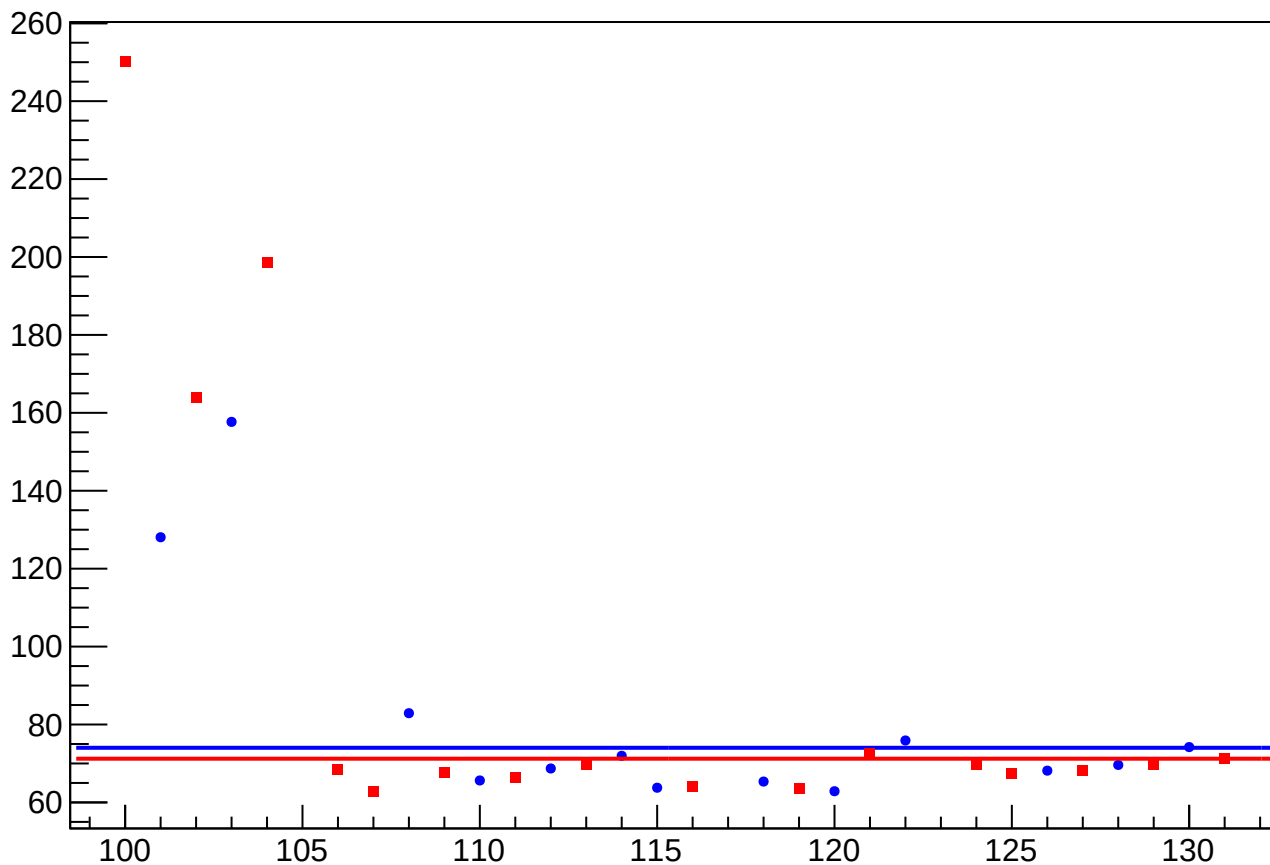
Right: -43.114 $\pm$ 21.916 χ^2 /NDF: 39.2/28

In: -53.272 $\pm$ 32.573 χ^2 /NDF:3.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.114 $\pm$ 21.916 χ^2 /NDF: 39.2/28

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.024+/-0.023 χ^2/NDF : 651456.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.224+/-0.021 χ^2/NDF : 928229.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

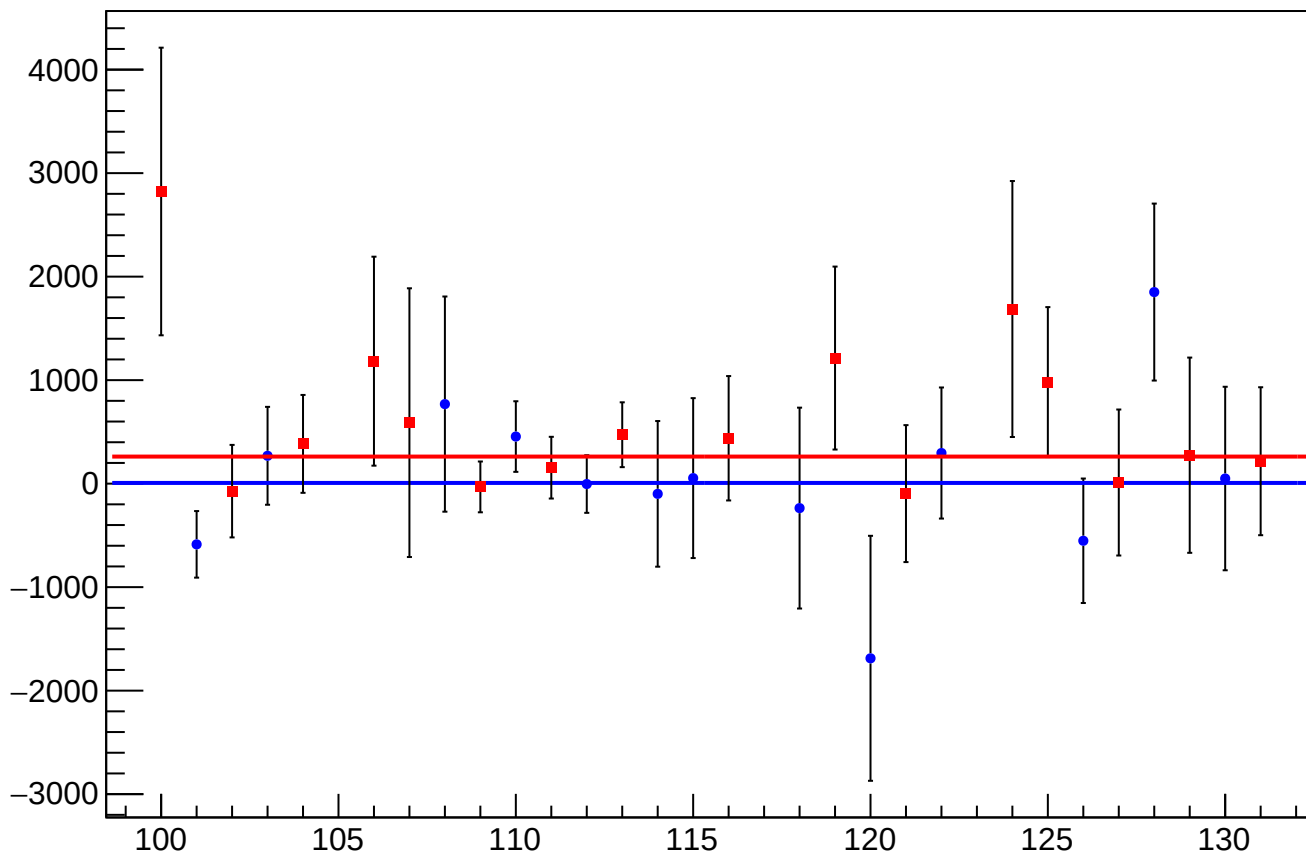
Right: 72.492+/-0.015 χ^2/NDF : 1587773.2/28

In: 74.024+/-0.023 χ^2/NDF : 651456.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.492+/-0.015 χ^2/NDF : 1587773.2/28

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: 6.883+/-141.501 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.498+/-125.394 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

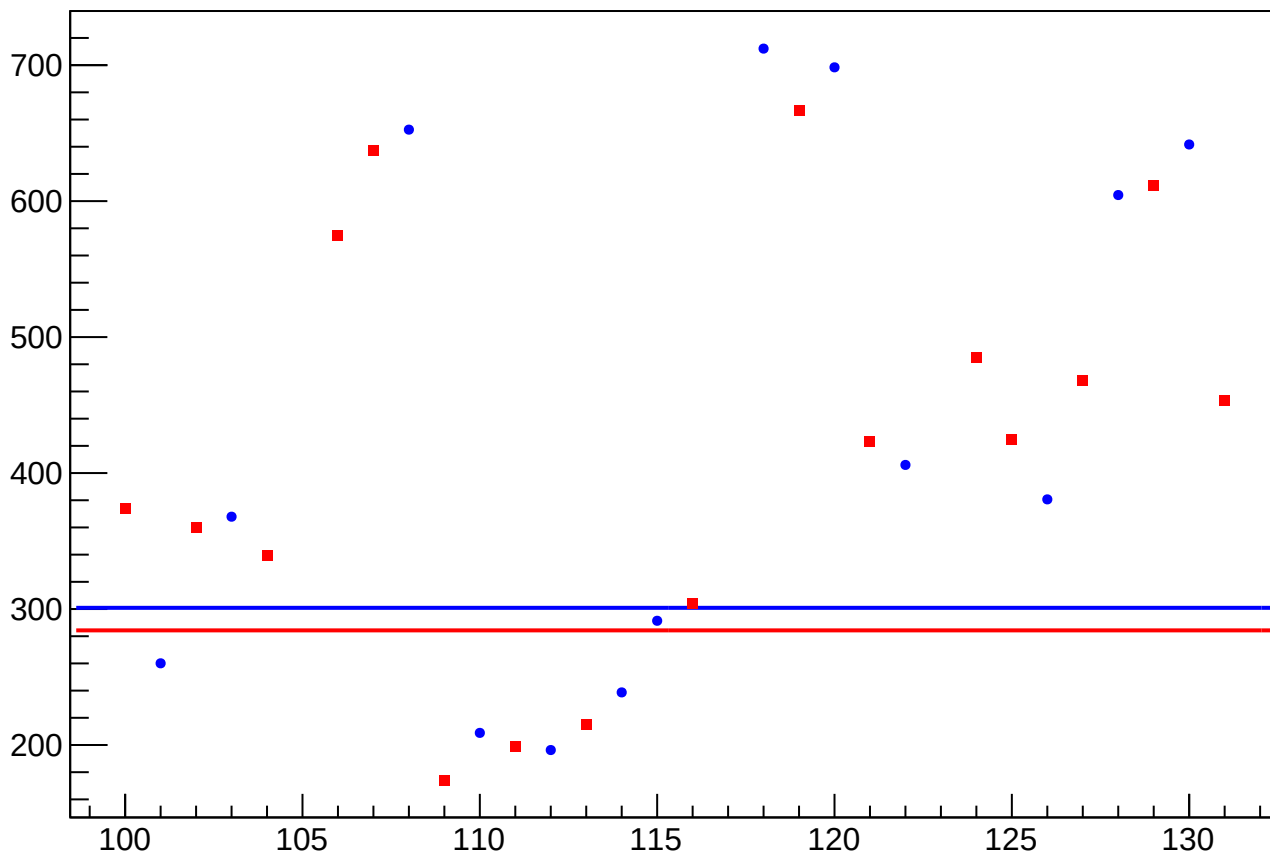
Right: 149.500+/-93.847 χ^2/NDF : 26.6/28

In: 6.883+/-141.501 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.500+/-93.847 χ^2/NDF : 26.6/28

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 300.886+/-0.100 χ^2/NDF : 1968059.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.300+/-0.089 χ^2/NDF : 2151131.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

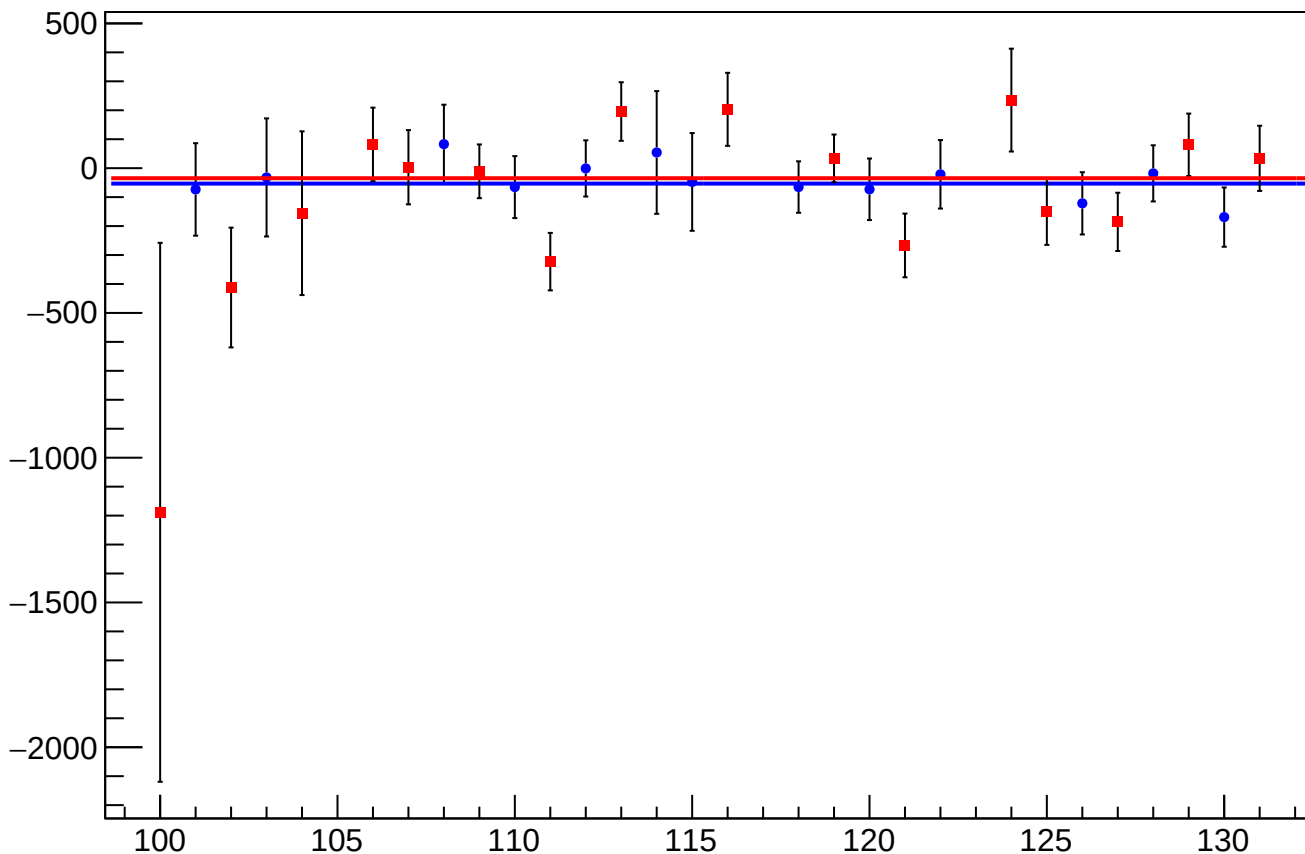
Right: 291.595+/-0.066 χ^2/NDF : 4134582.2/28

In: 300.886+/-0.100 χ^2/NDF : 1968059.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.595+/-0.066 χ^2/NDF : 4134582.2/28

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.272 $\pm$ 32.573 χ^2 /NDF: 3.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.712 $\pm$ 29.625 χ^2 /NDF: 35.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

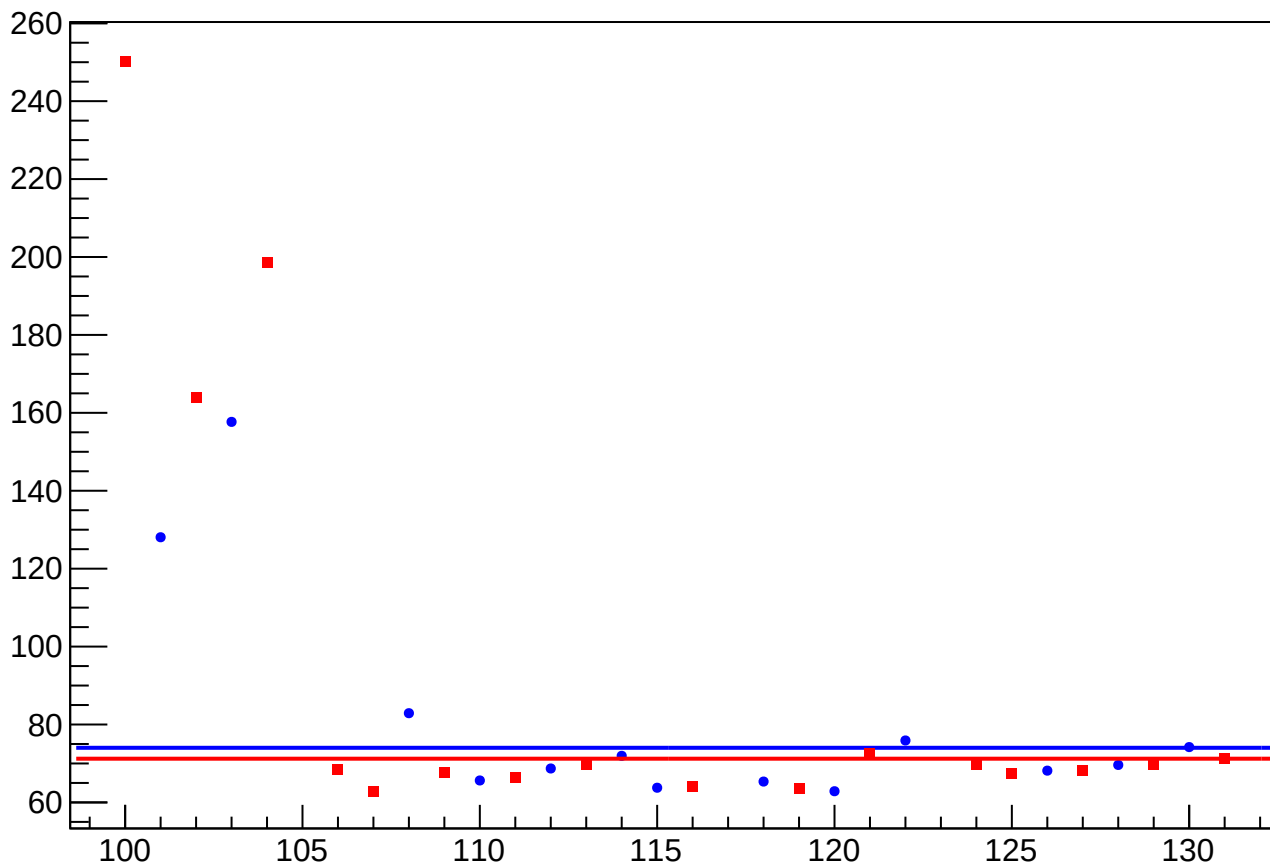
Right: -43.115 $\pm$ 21.916 χ^2 /NDF: 39.2/28

In: -53.272 $\pm$ 32.573 χ^2 /NDF:3.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.115 $\pm$ 21.916 χ^2 /NDF: 39.2/28

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.024+/-0.023 χ^2/NDF : 651458.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.224+/-0.021 χ^2/NDF : 928229.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

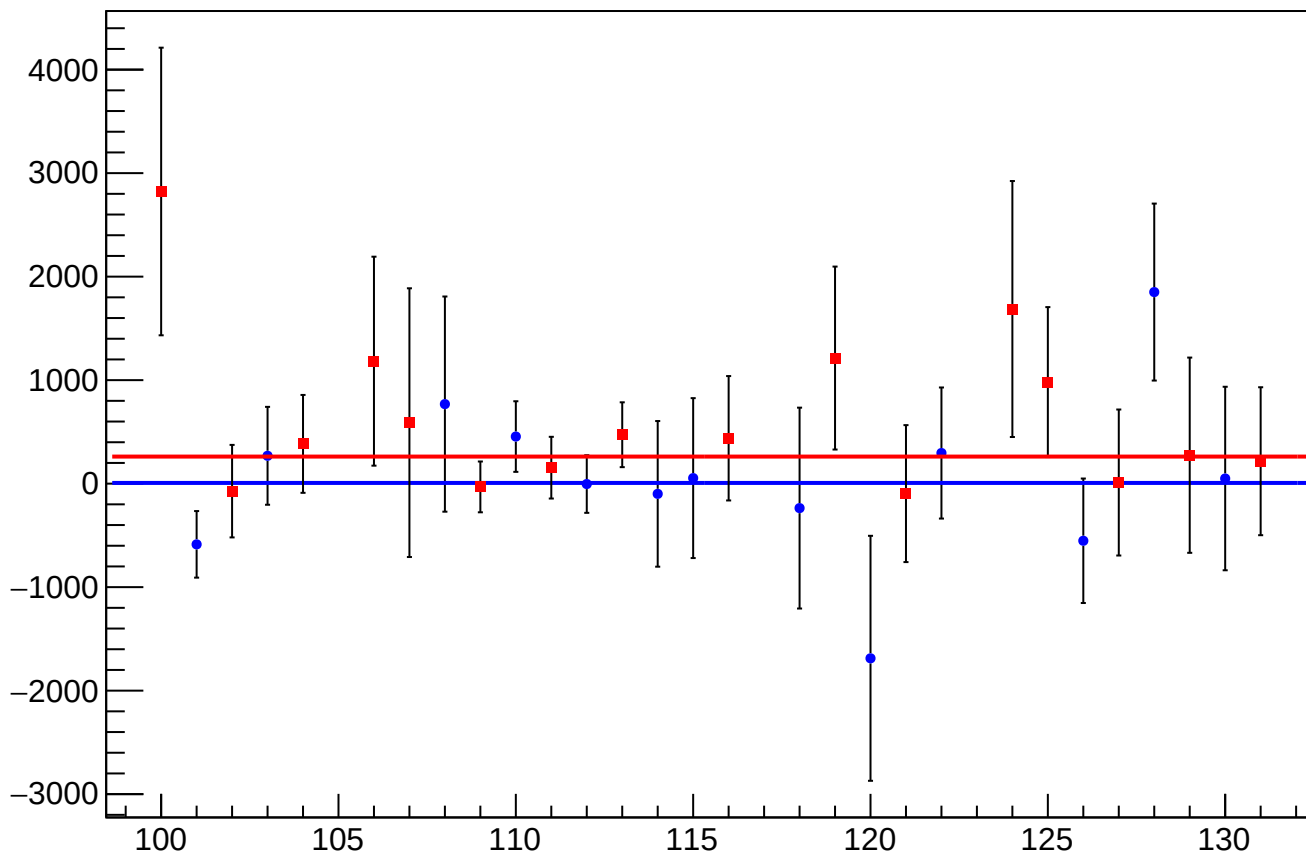
Right: 72.492+/-0.015 χ^2/NDF : 1587775.2/28

In: 74.024+/-0.023 χ^2/NDF : 651458.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.492+/-0.015 χ^2/NDF : 1587775.2/28

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 6.882+/-141.500 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.497+/-125.394 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

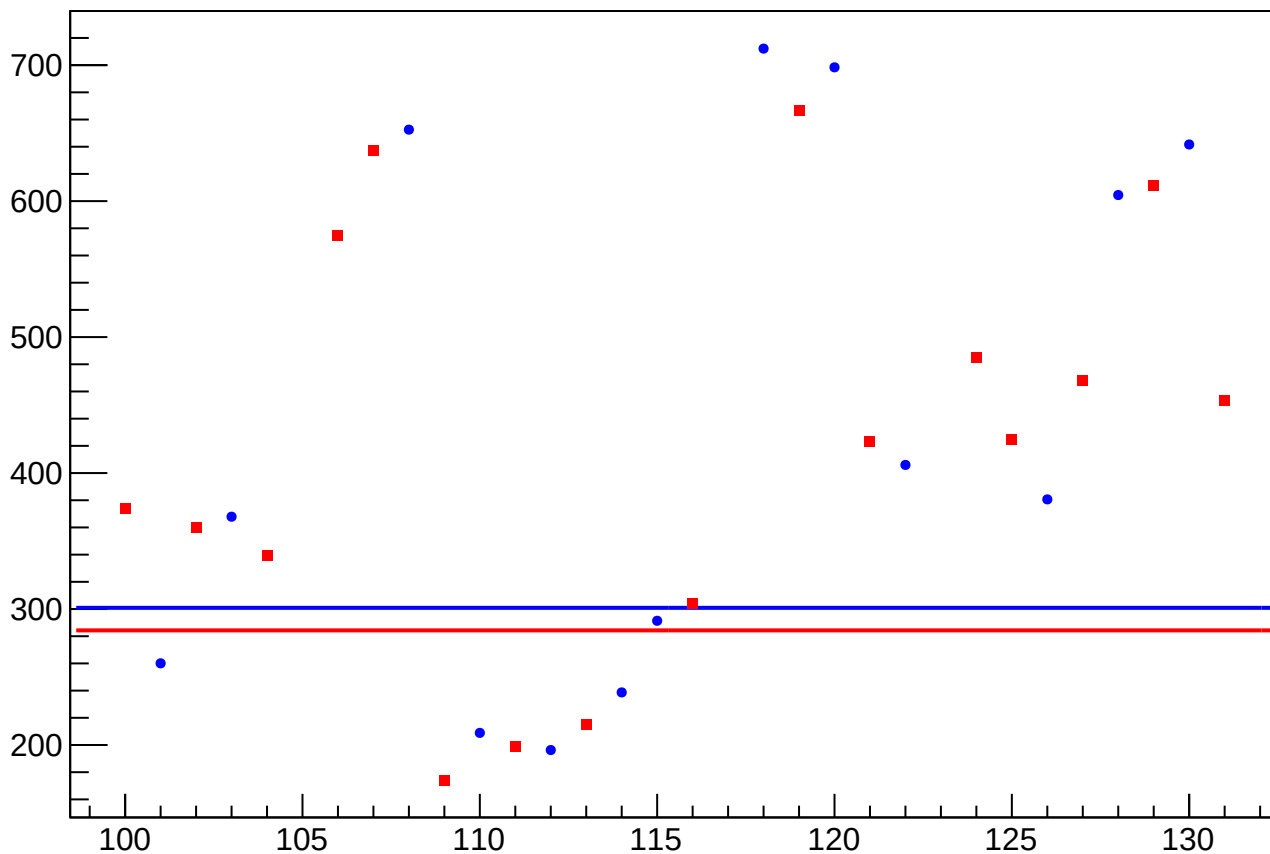
Right: 149.499+/-93.847 χ^2/NDF : 26.6/28

In: 6.882+/-141.500 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.499+/-93.847 χ^2/NDF : 26.6/28

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 300.883+/-0.100 χ^2/NDF : 1968084.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.298+/-0.089 χ^2/NDF : 2151139.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

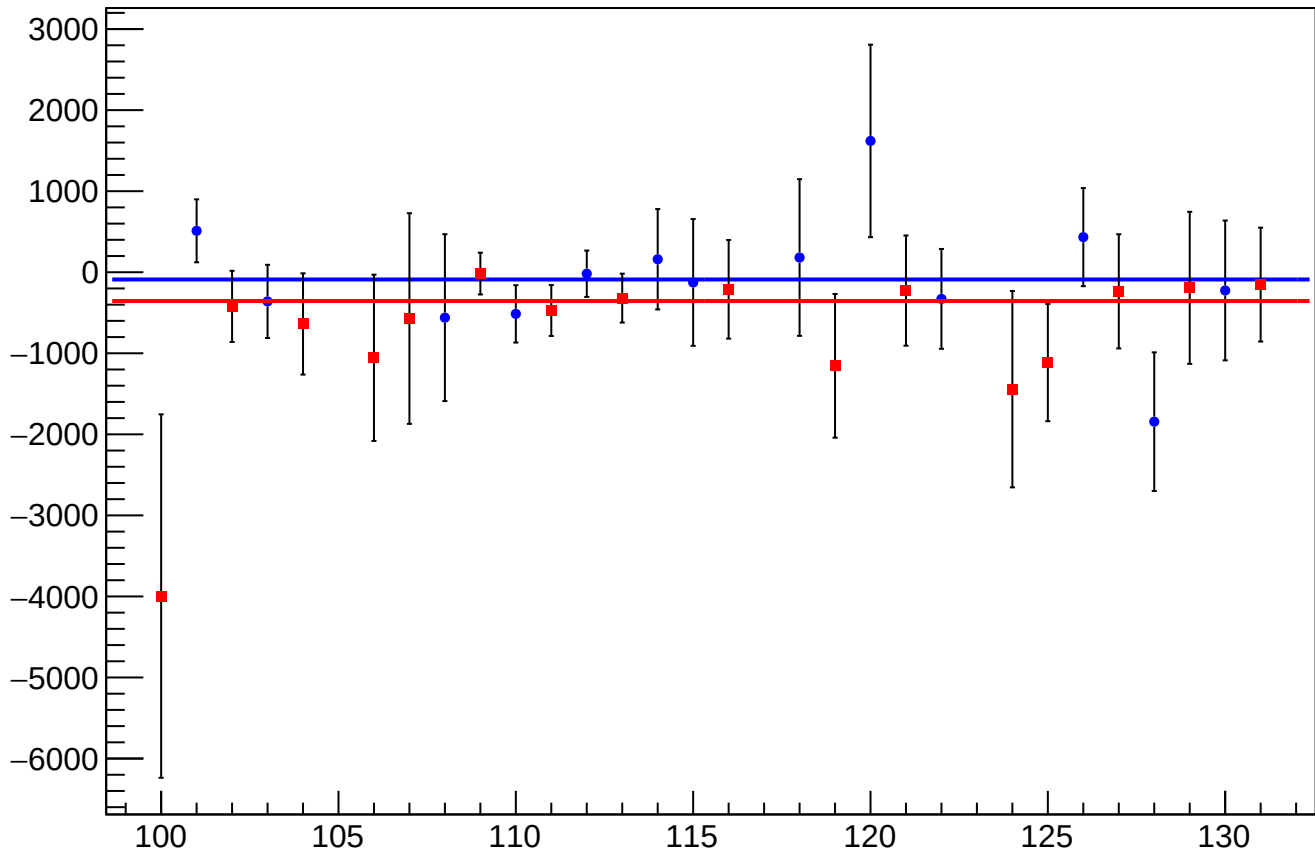
Right: 291.594+/-0.066 χ^2/NDF : 4134613.6/28

In: 300.883+/-0.100 χ^2/NDF : 1968084.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.594+/-0.066 χ^2/NDF : 4134613.6/28

asym_sam7_mean vs Slug, Sign Corrected



Right In: -89.492 ± 146.202 χ^2/NDF : 11.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -354.983 ± 129.543 χ^2/NDF : 8.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

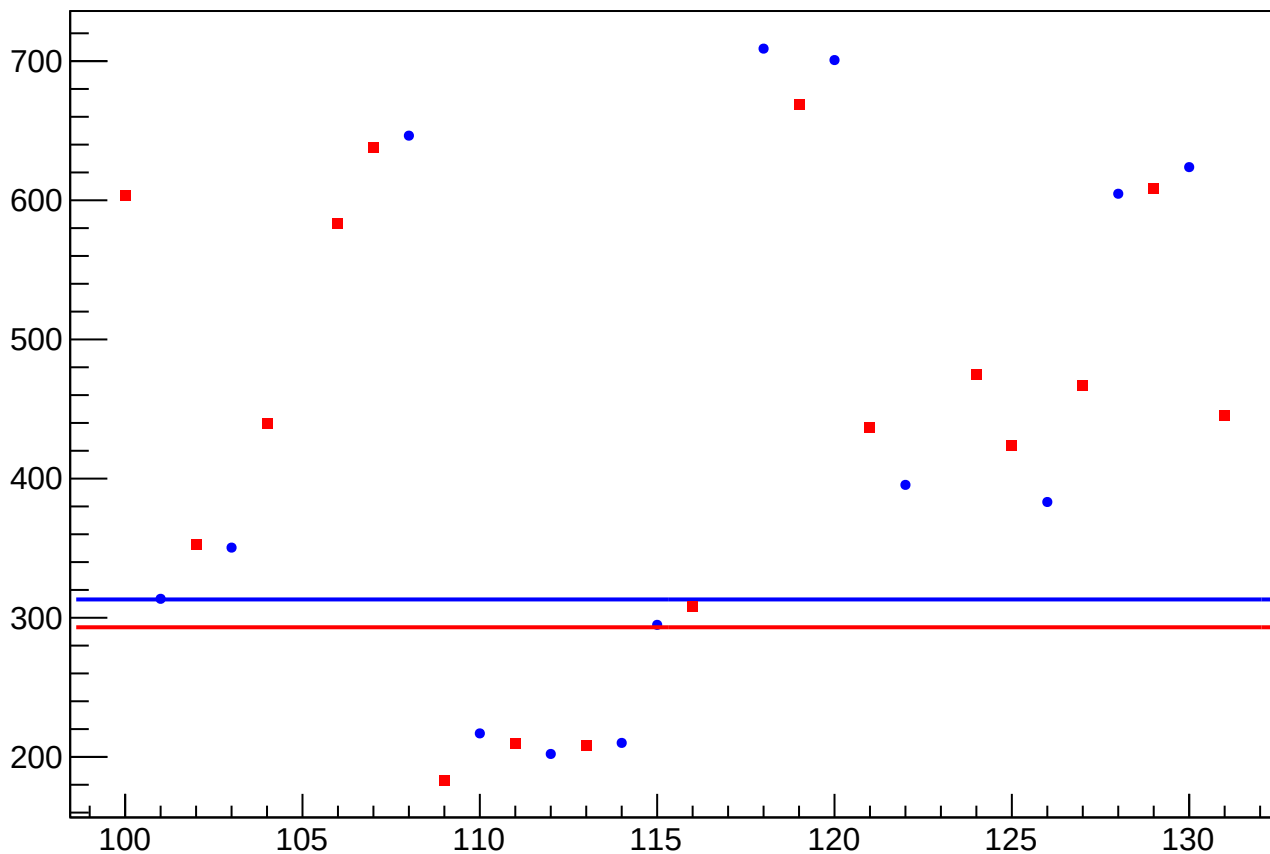
Right: -238.218 ± 96.958 χ^2/NDF : 21.9/28

In: -89.492 ± 146.202 χ^2/NDF : 11.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -238.218 ± 96.958 χ^2/NDF : 21.9/28

asym_sam7_rms vs Slug, Sign Corrected



Right In: 313.163 ± 0.103 $\chi^2/\text{NDF}: 1831993.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 293.169 ± 0.092 $\chi^2/\text{NDF}: 2152281.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

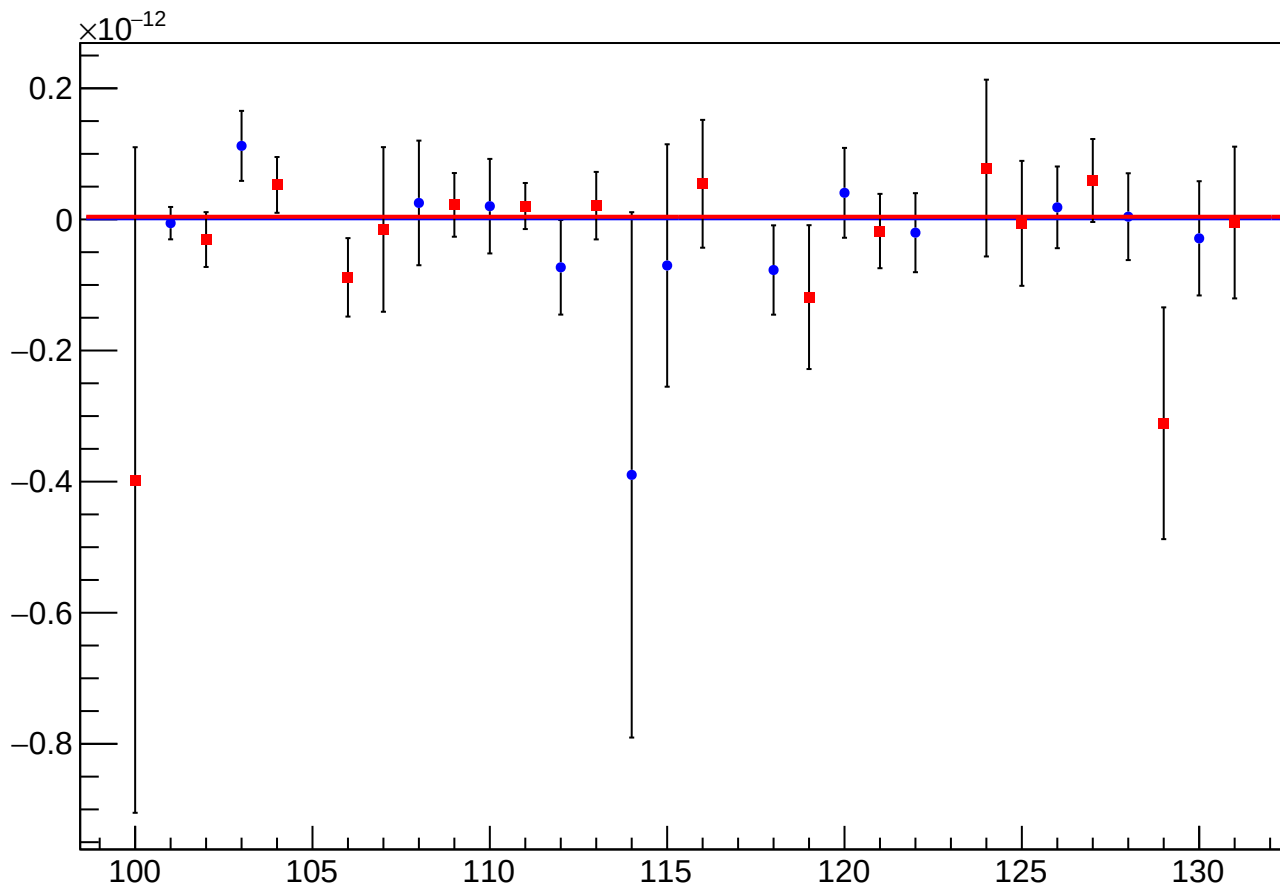
Right: 301.963 ± 0.069 $\chi^2/\text{NDF}: 4005228.1/28$

In: 313.163 ± 0.103 $\chi^2/\text{NDF}: 1831993.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 301.963 ± 0.069 $\chi^2/\text{NDF}: 4005228.1/28$

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/12

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

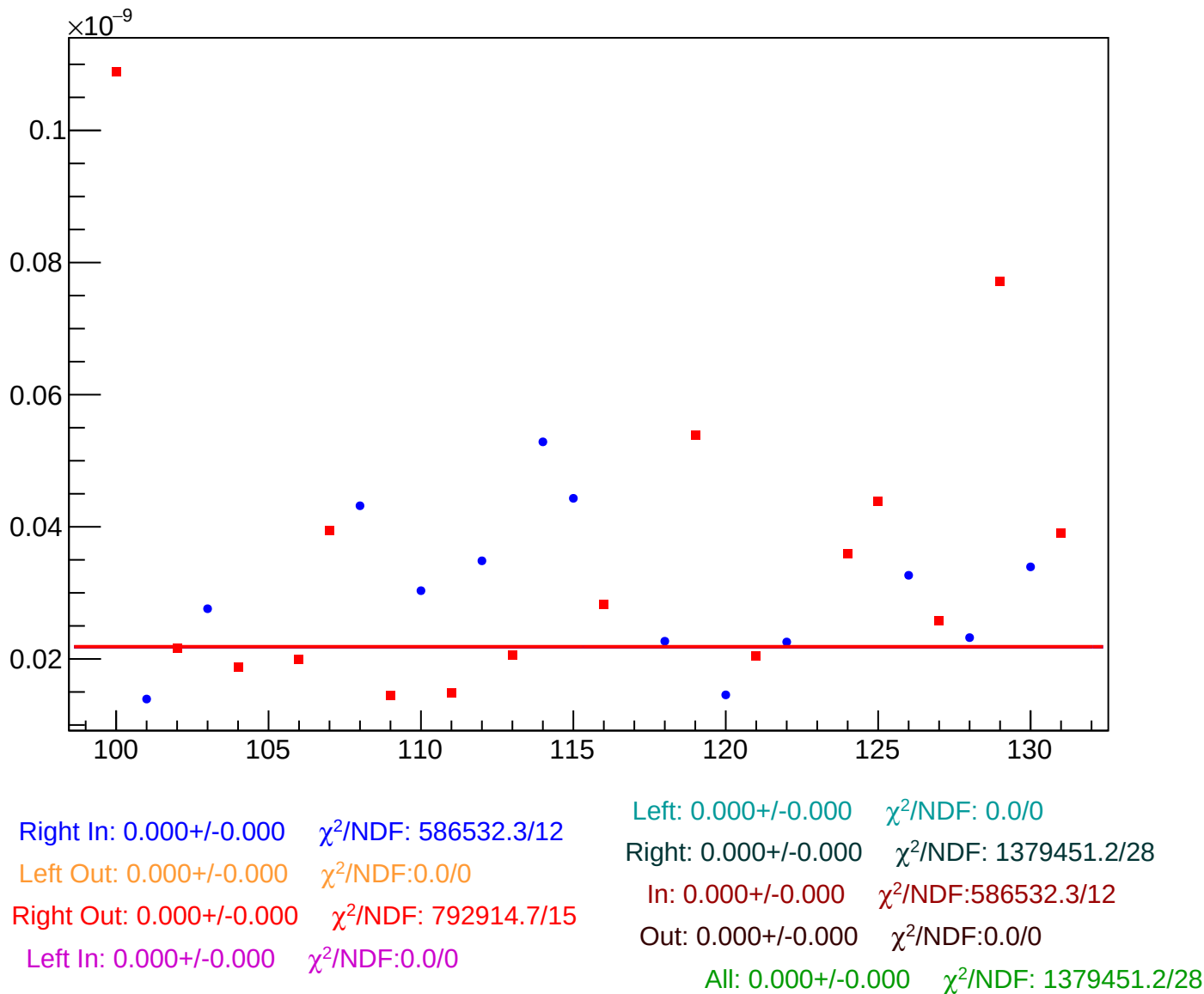
Right: 0.000+/-0.000 χ^2/NDF : 20.1/28

In: 0.000+/-0.000 χ^2/NDF : 8.7/12

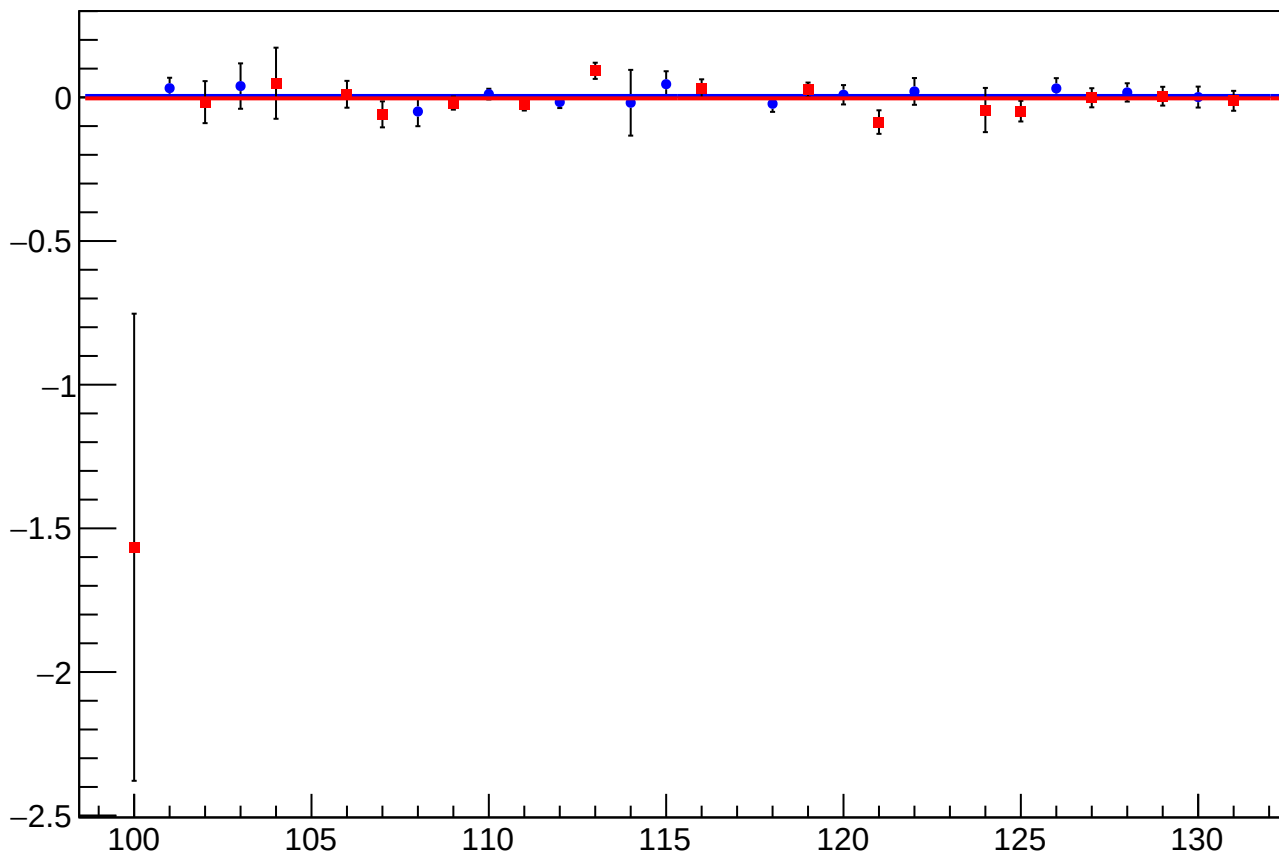
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/28

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.009 χ^2/NDF : 27.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

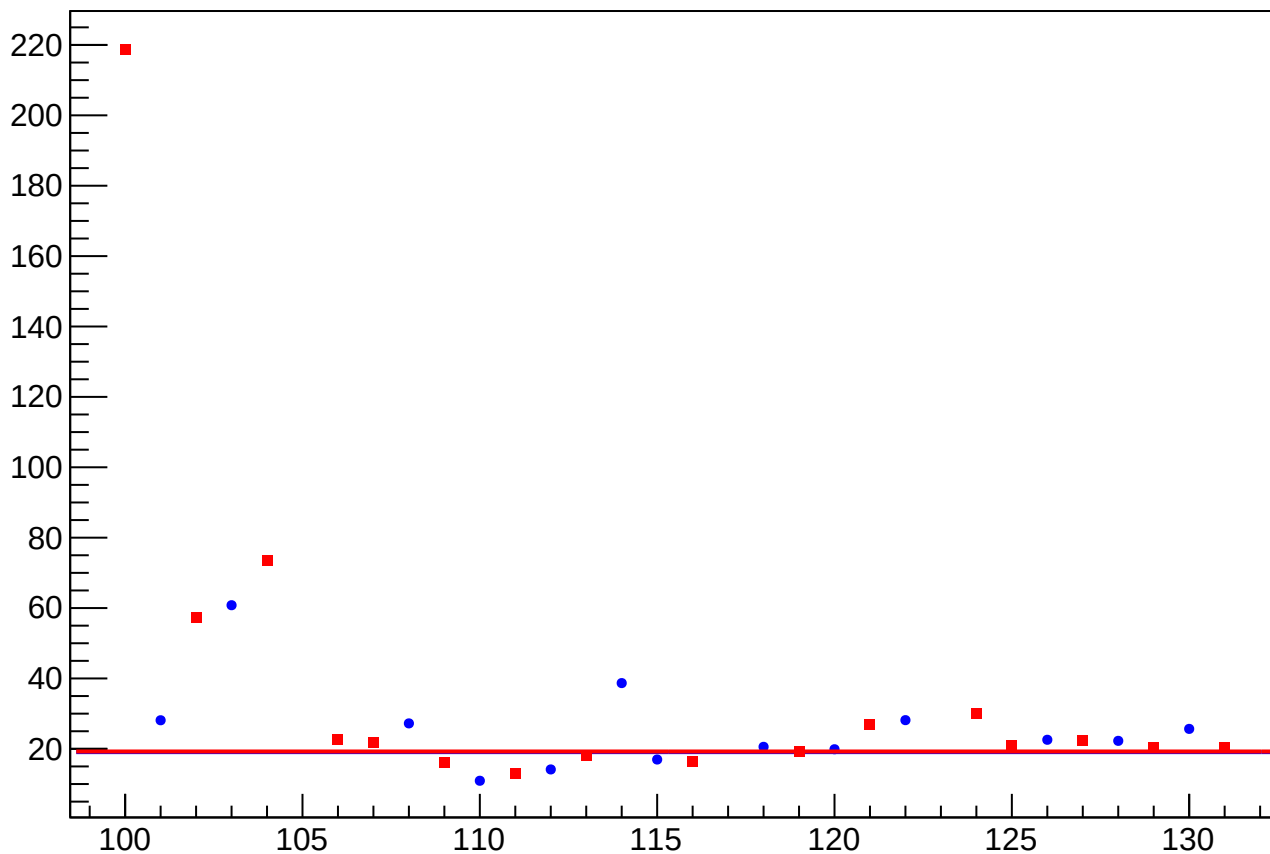
Right: 0.000+/-0.006 χ^2/NDF : 33.6/28

In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.006 χ^2/NDF : 33.6/28

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462075.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

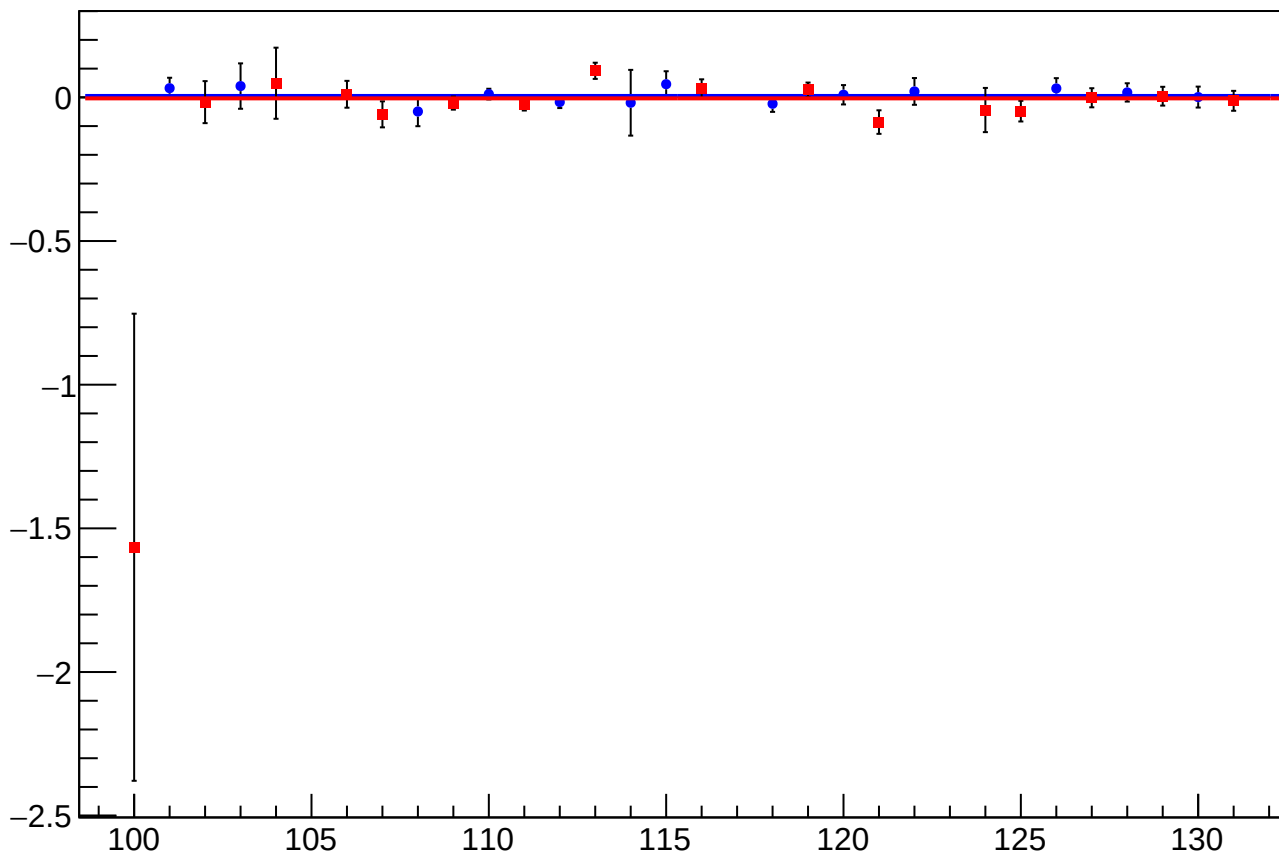
Right: 19.162+/-0.004 χ^2/NDF : 2942136.3/28

In: 19.064+/-0.006 χ^2/NDF :1479618.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2942136.3/28

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.009 χ^2/NDF : 27.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

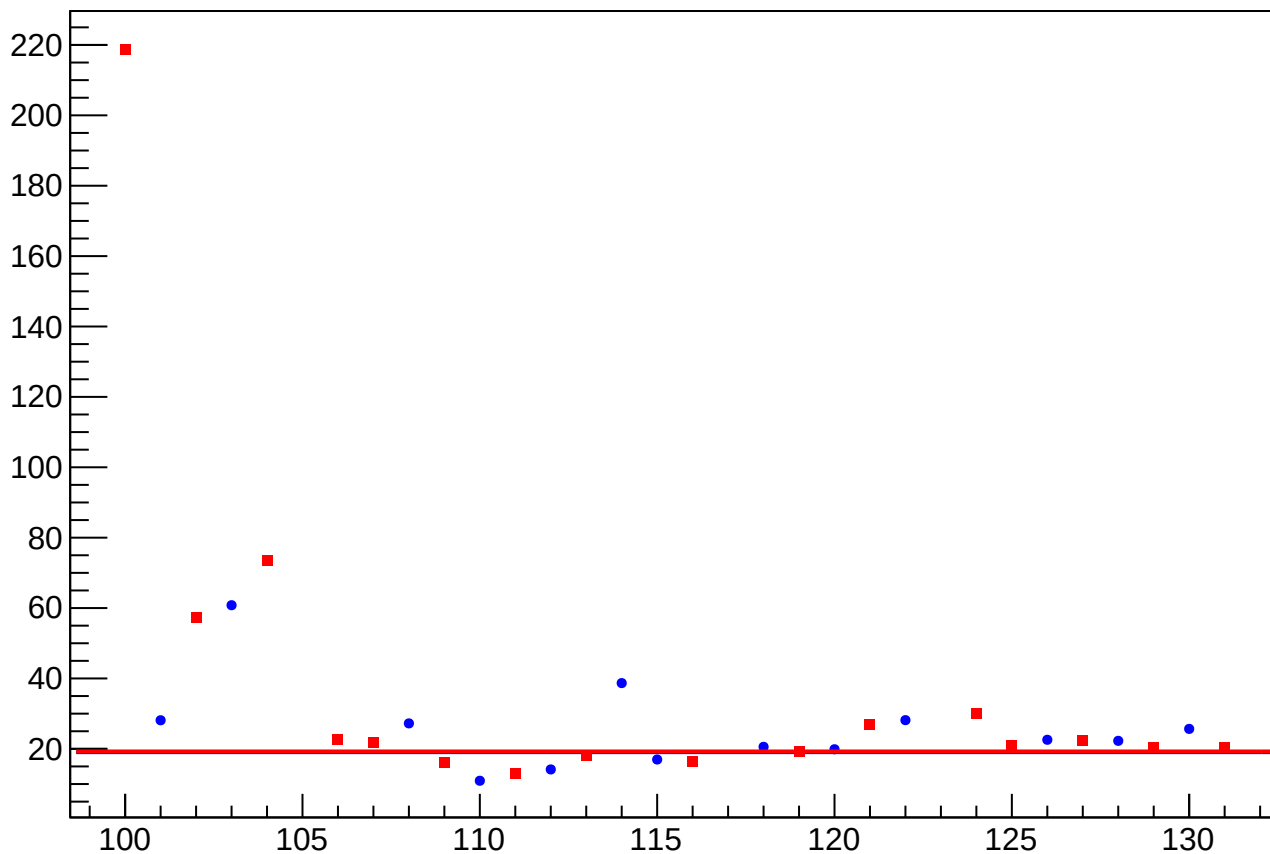
Right: 0.000+/-0.006 χ^2/NDF : 33.6/28

In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.006 χ^2/NDF : 33.6/28

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462075.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

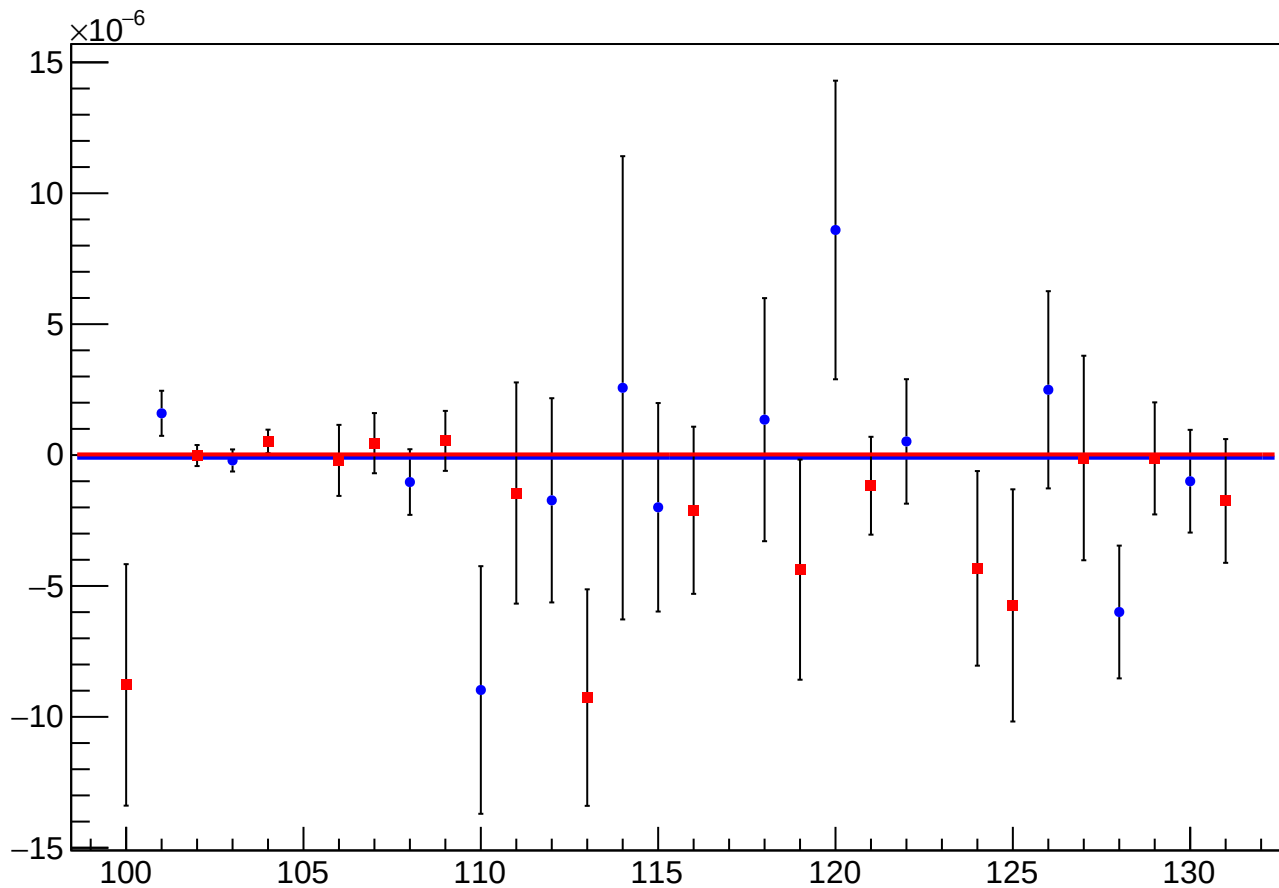
Right: 19.162+/-0.004 χ^2/NDF : 2942136.3/28

In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2942136.3/28

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.1/12

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

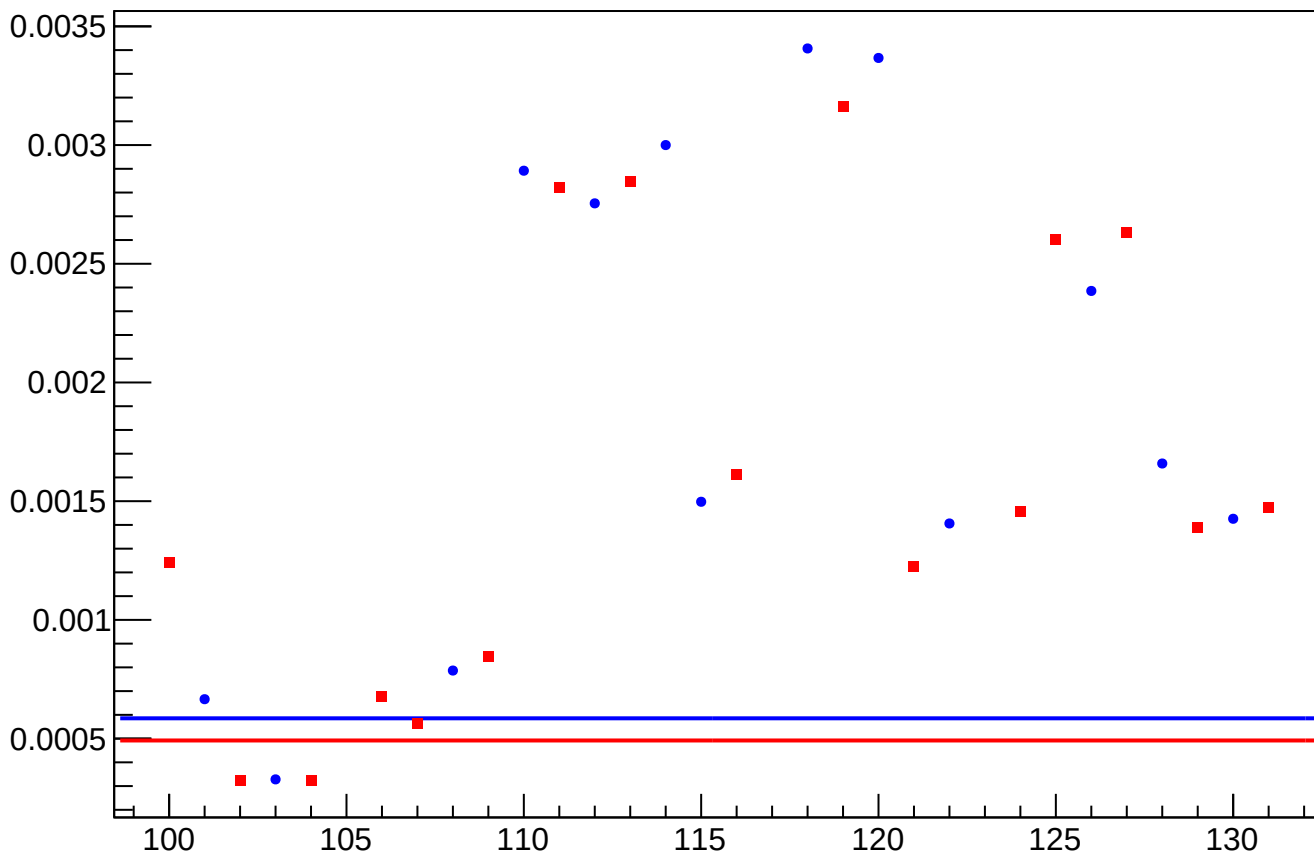
Right: -0.000+/-0.000 χ^2/NDF : 33.2/28

In: -0.000+/-0.000 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.2/28

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 4795505.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 5424827.9/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 10313656.5/28

In: 0.001+/-0.000

χ^2/NDF : 4795505.1/12

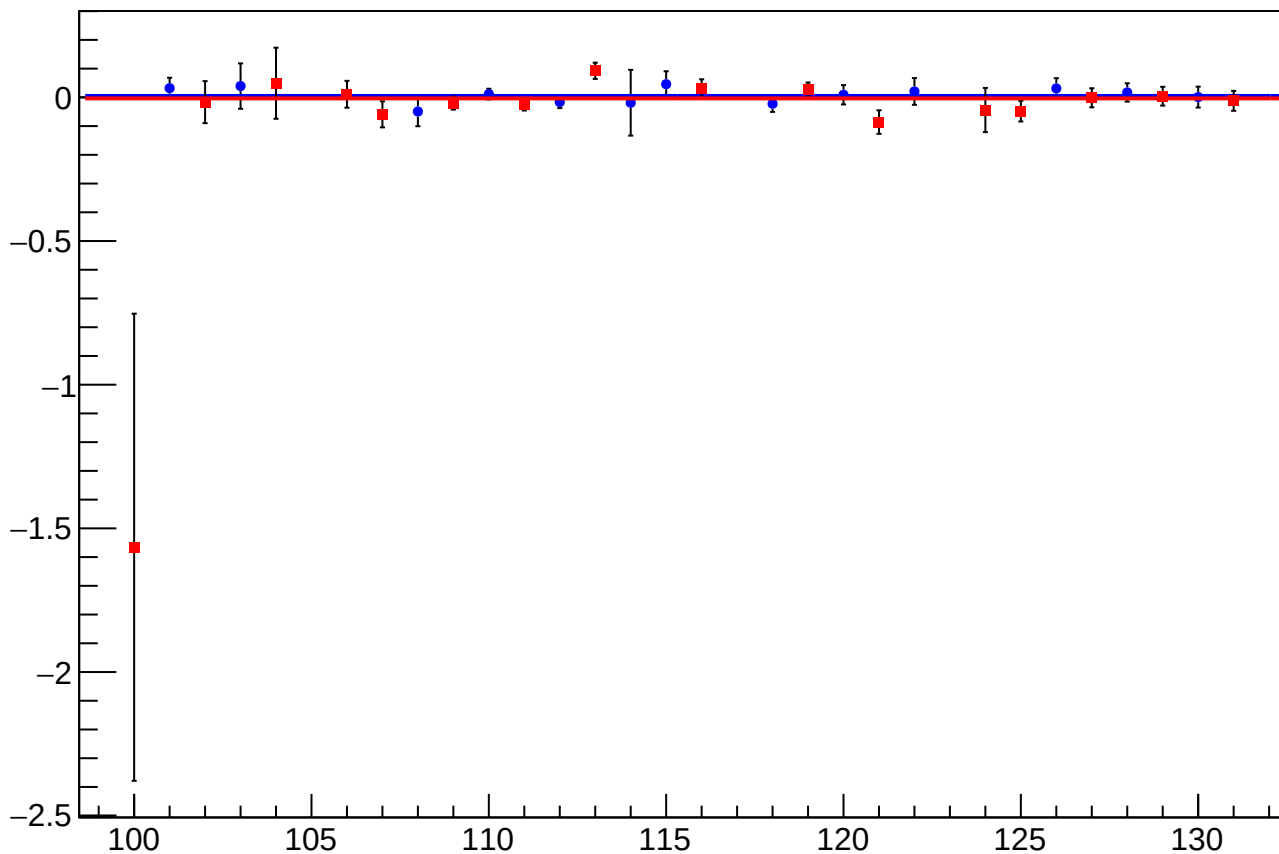
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 10313656.5/28

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.009 χ^2/NDF : 27.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

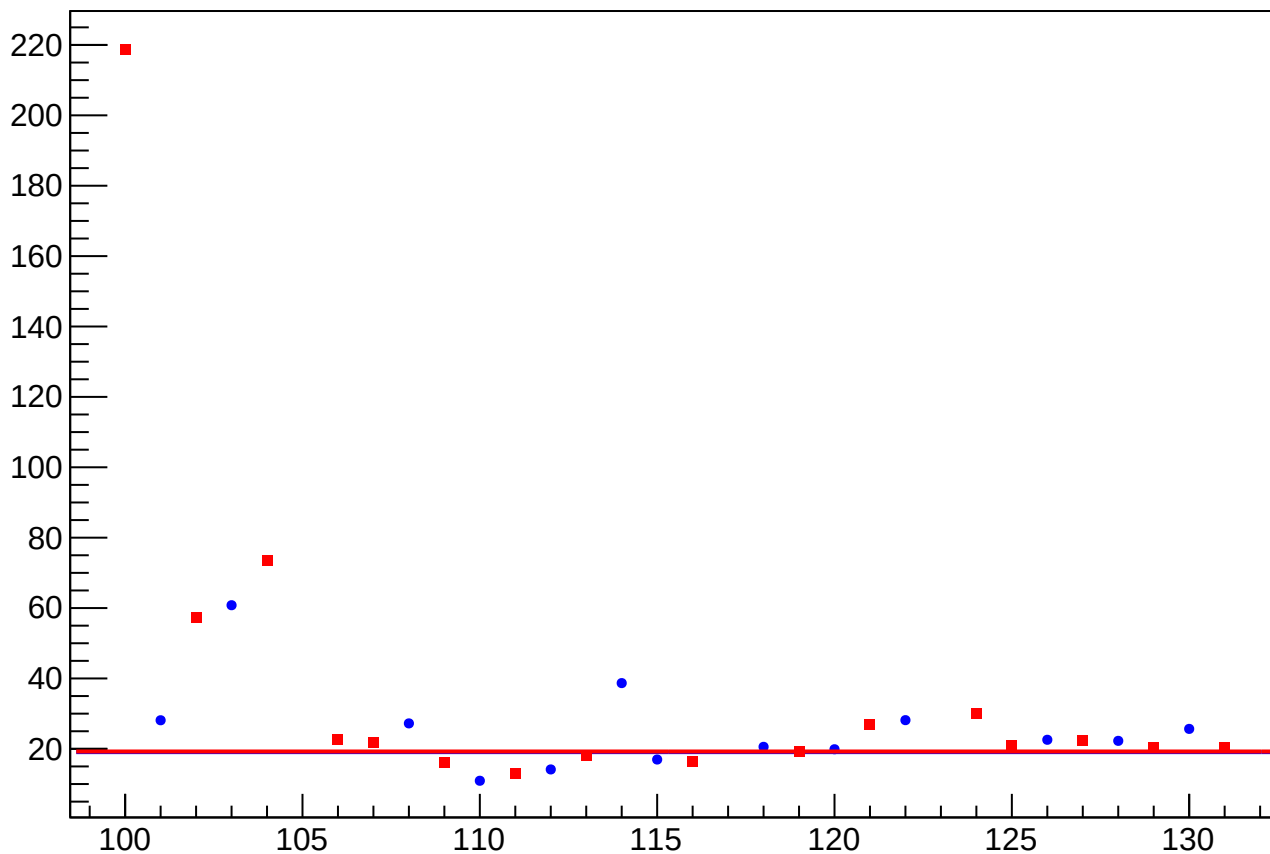
Right: 0.000+/-0.006 χ^2/NDF : 33.6/28

In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.006 χ^2/NDF : 33.6/28

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462007.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

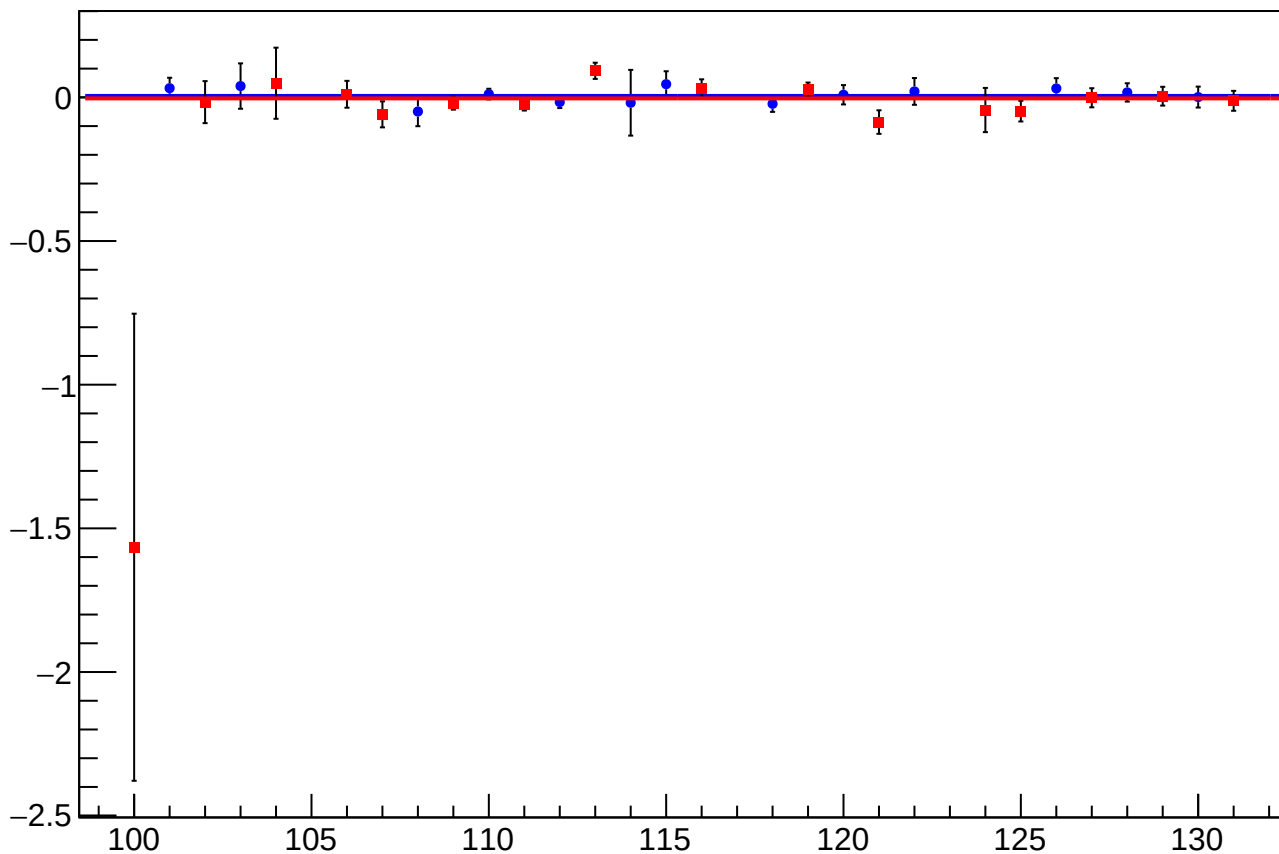
Right: 19.162+/-0.004 χ^2/NDF : 2941914.3/28

In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2941914.3/28

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.009 χ^2/NDF : 27.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

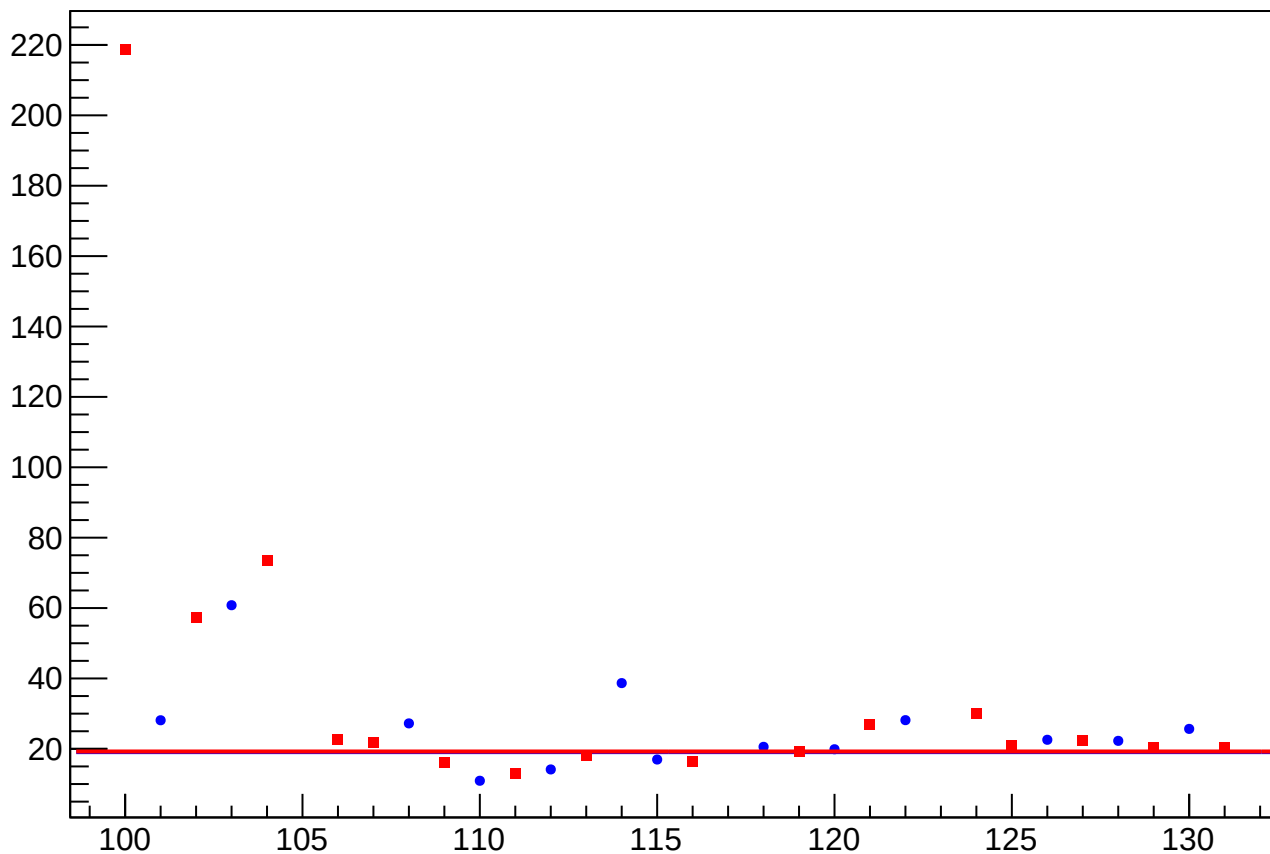
Right: 0.000+/-0.006 χ^2/NDF : 33.6/28

In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.006 χ^2/NDF : 33.6/28

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462007.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

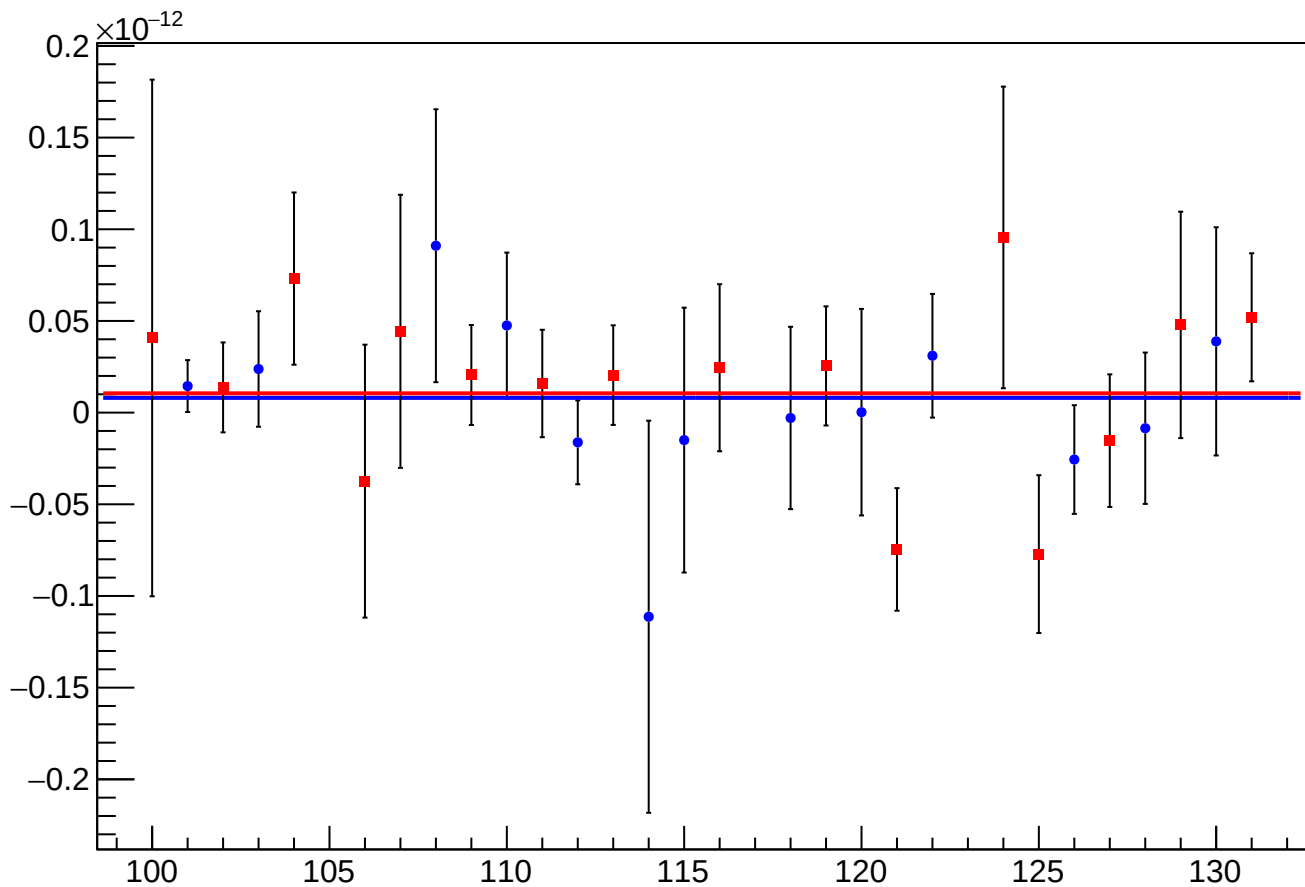
Right: 19.162+/-0.004 χ^2/NDF : 2941914.3/28

In: 19.064+/-0.006 χ^2/NDF :1479466.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2941914.3/28

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

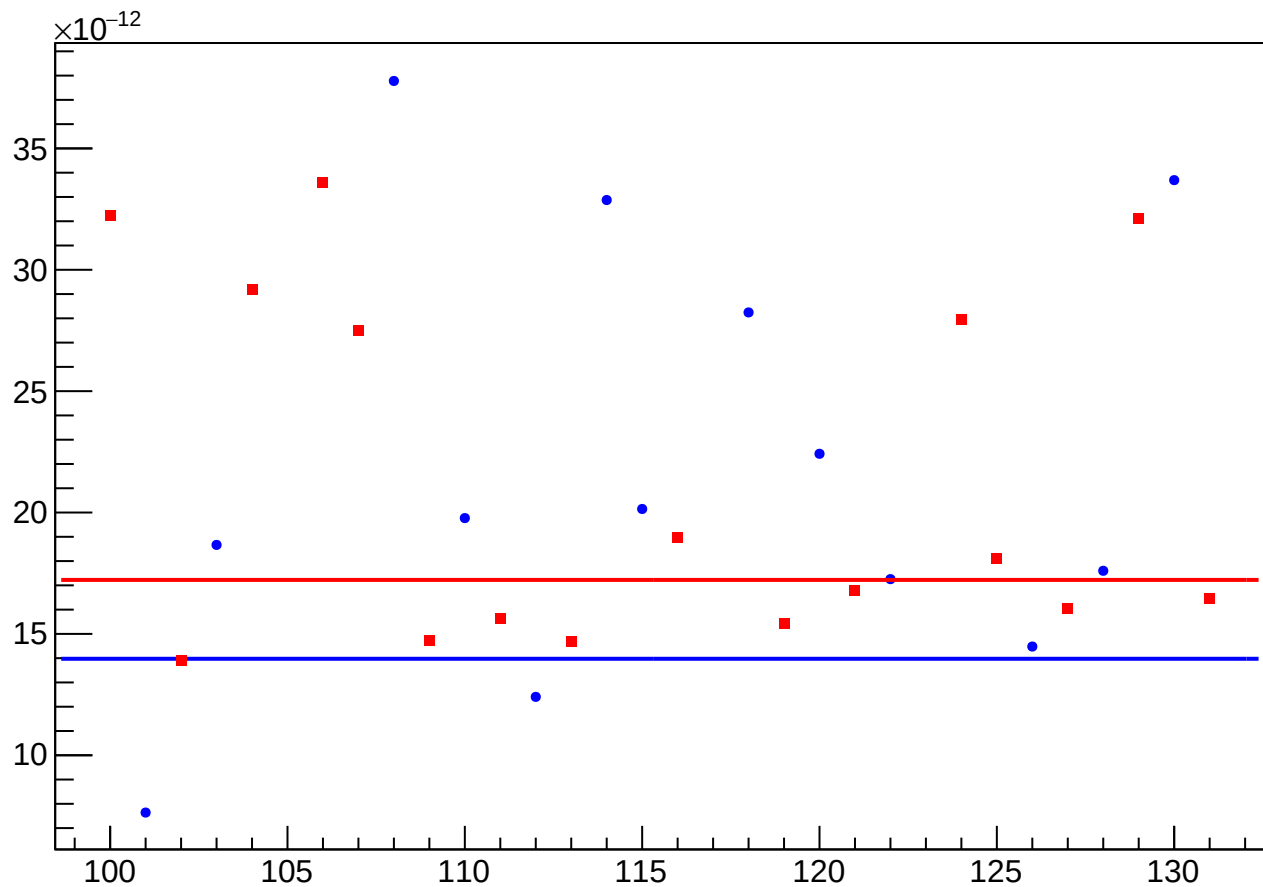
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/28

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1224192.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528009.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

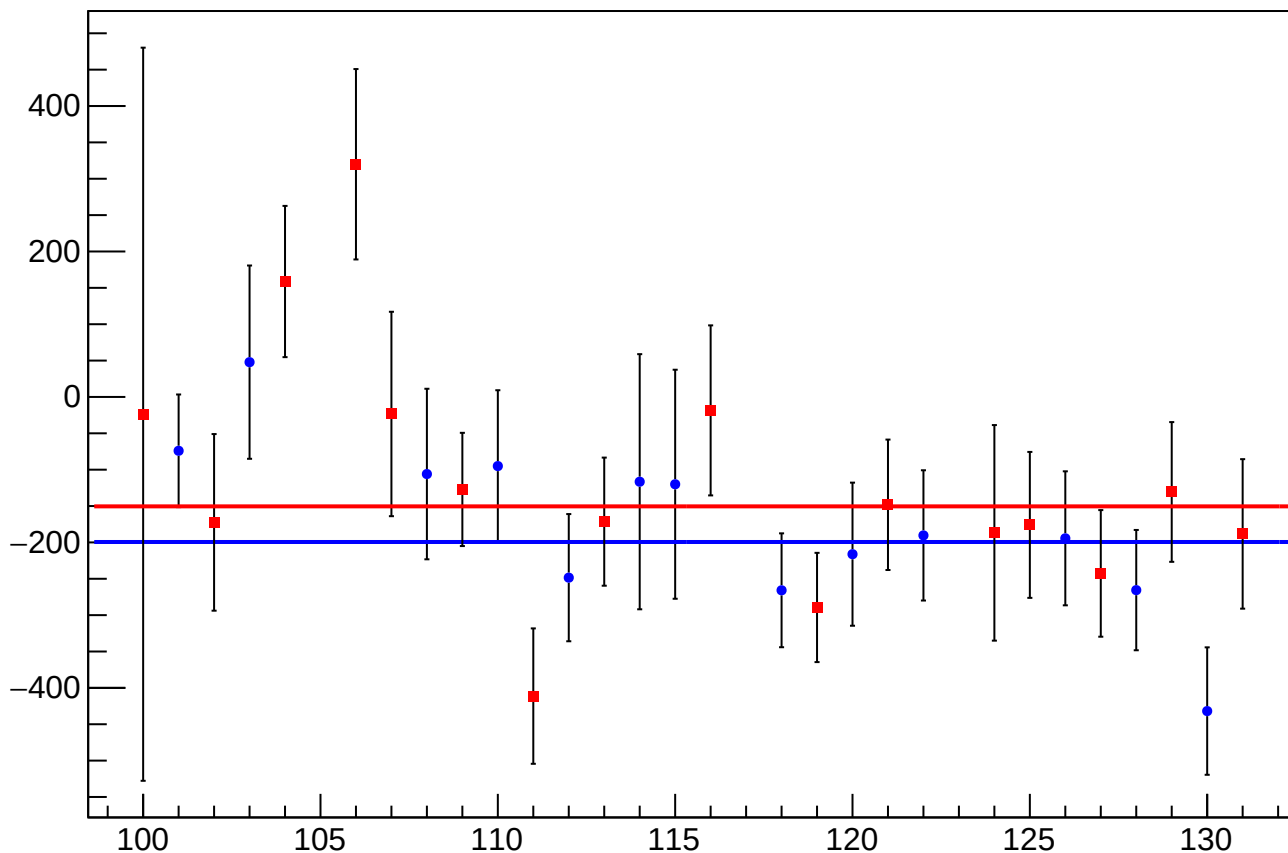
Right: 0.000+/-0.000 χ^2/NDF : 1877614.4/28

In: 0.000+/-0.000 χ^2/NDF : 1224192.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1877614.4/28

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.423 ± 26.946 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -150.443 ± 25.504 $\chi^2/\text{NDF}: 36.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

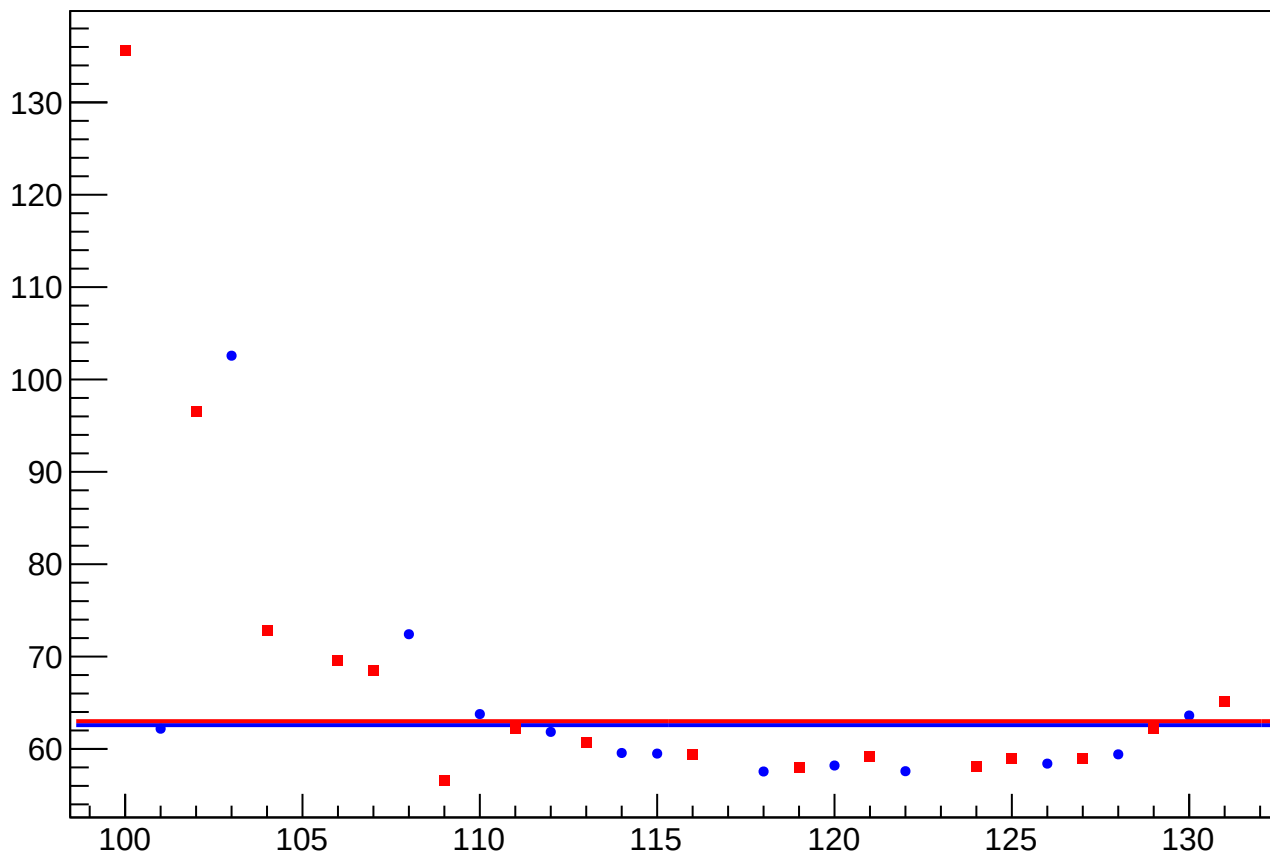
Right: -173.587 ± 18.523 $\chi^2/\text{NDF}: 55.5/28$

In: -199.423 ± 26.946 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -173.587 ± 18.523 $\chi^2/\text{NDF}: 55.5/28$

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.577+/-0.019 χ^2/NDF : 222791.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.006+/-0.018 χ^2/NDF : 260199.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

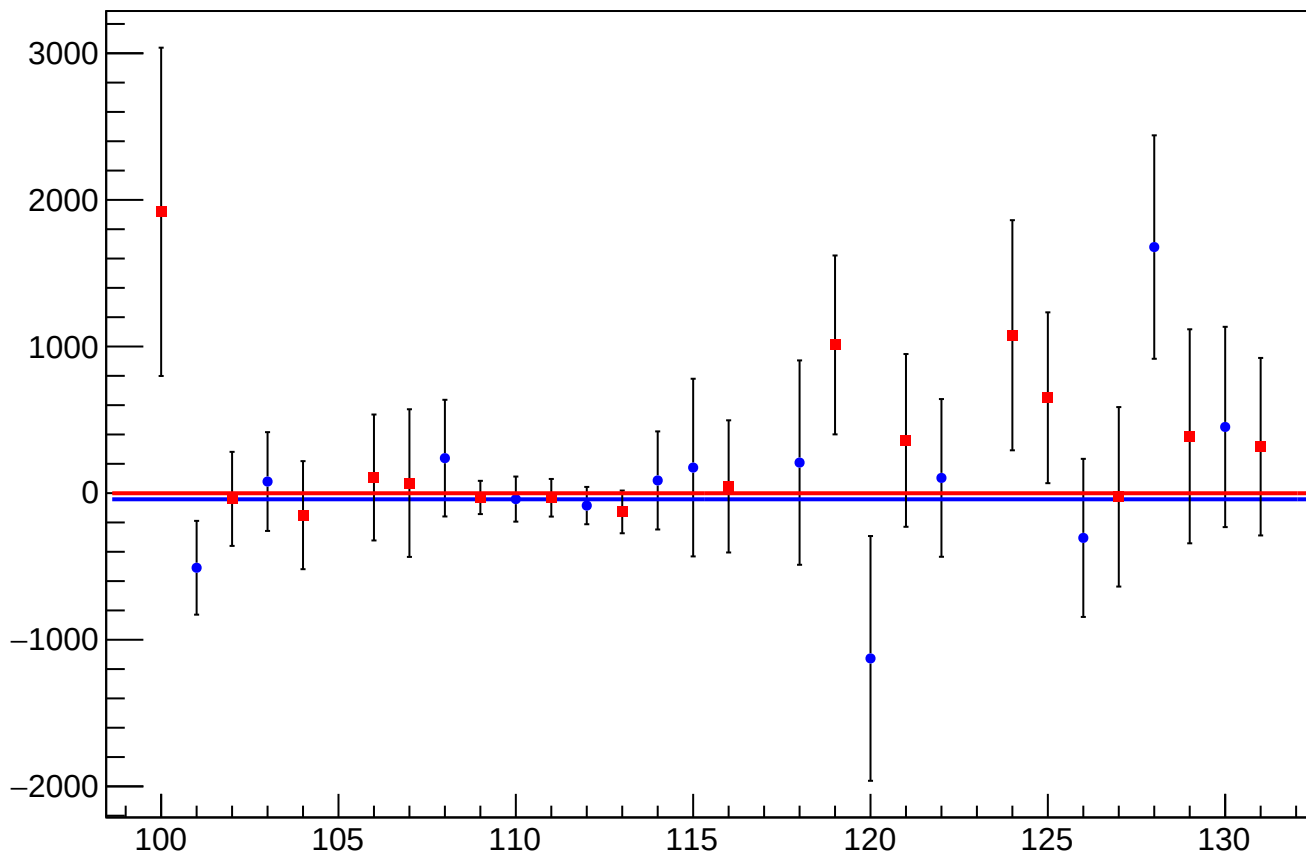
Right: 62.803+/-0.013 χ^2/NDF : 483257.7/28

In: 62.577+/-0.019 χ^2/NDF : 222791.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.803+/-0.013 χ^2/NDF : 483257.7/28

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -42.014 ± 80.359 $\chi^2/\text{NDF}: 10.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.808 ± 65.207 $\chi^2/\text{NDF}: 10.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

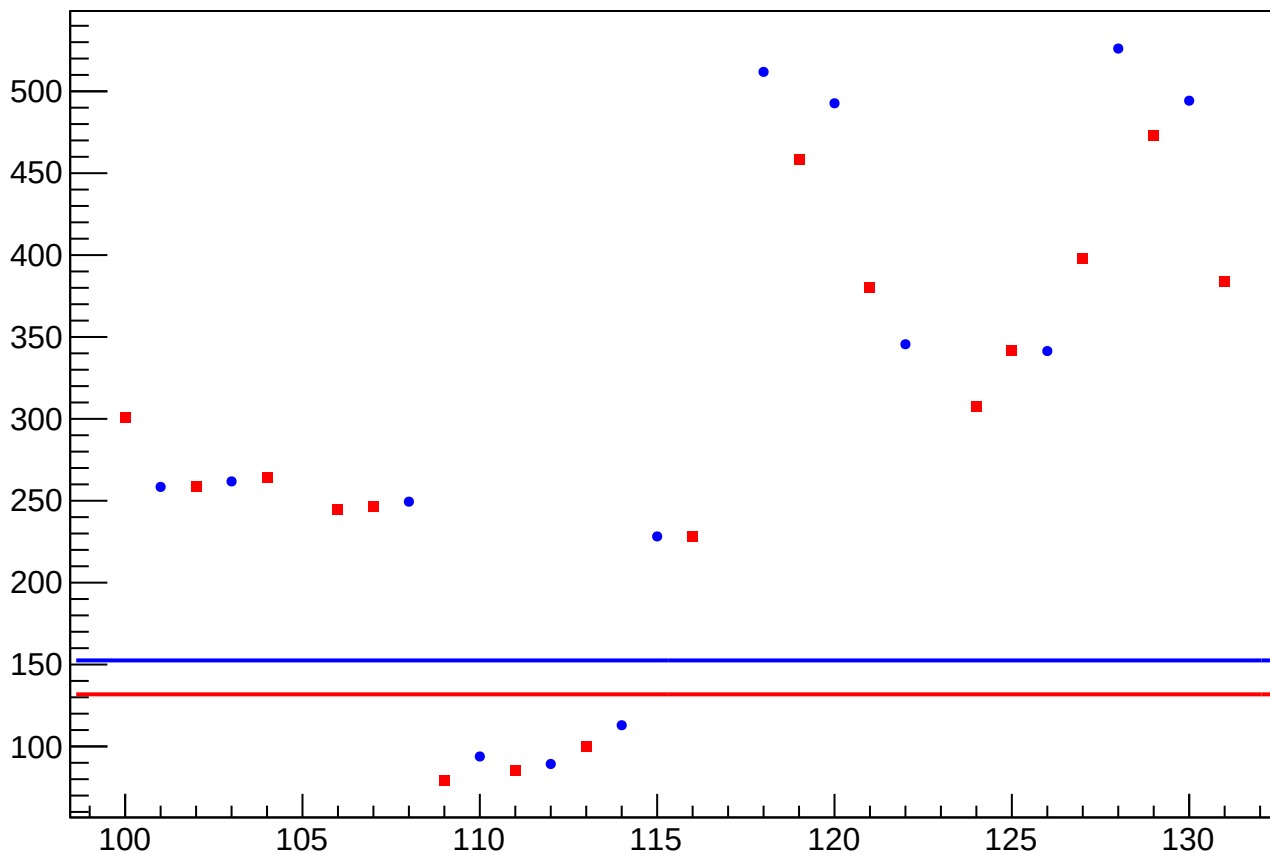
Right: -17.168 ± 50.634 $\chi^2/\text{NDF}: 22.0/28$

In: -42.014 ± 80.359 $\chi^2/\text{NDF}: 10.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.168 ± 50.634 $\chi^2/\text{NDF}: 22.0/28$

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 152.515+/-0.057 χ^2/NDF : 3740984.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.800+/-0.046 χ^2/NDF : 4191394.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

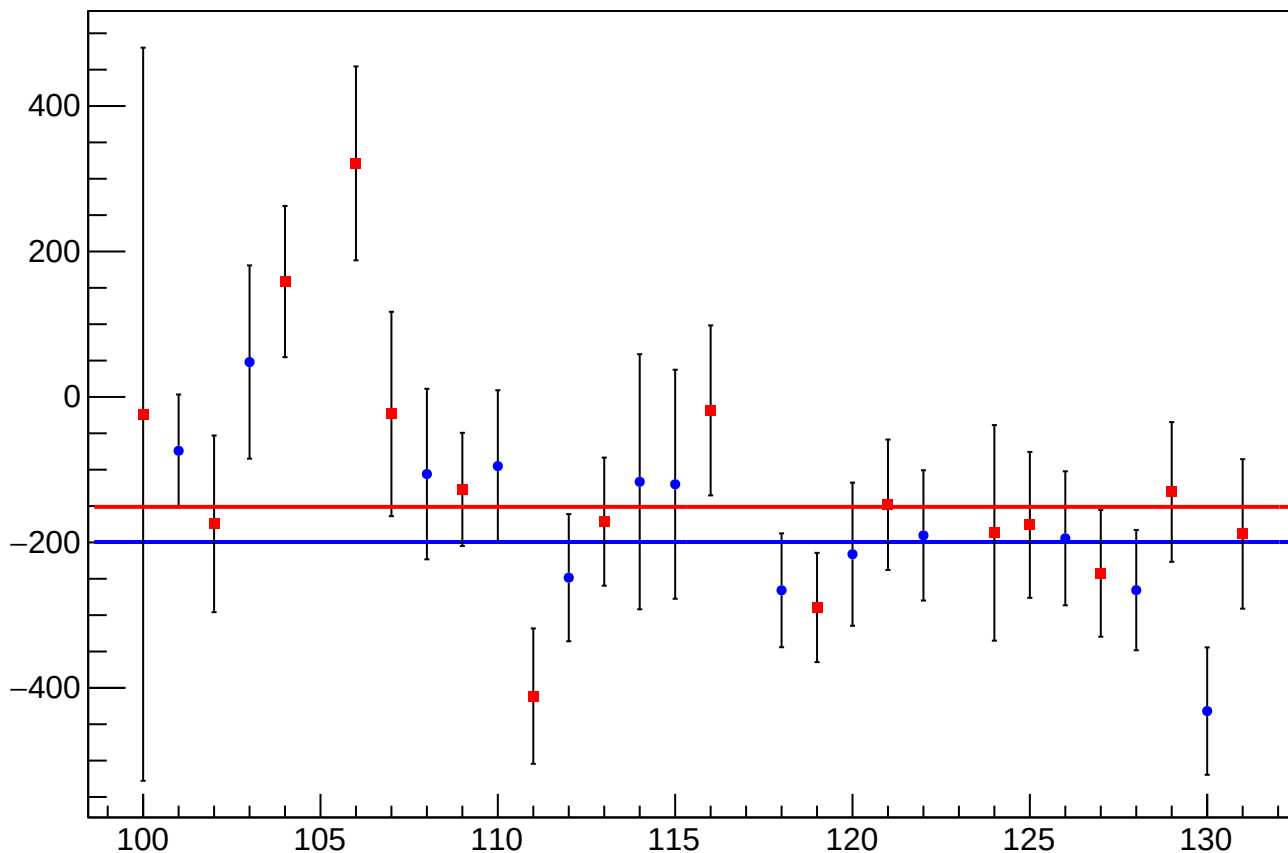
Right: 140.025+/-0.036 χ^2/NDF : 8012517.6/28

In: 152.515+/-0.057 χ^2/NDF : 3740984.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.025+/-0.036 χ^2/NDF : 8012517.6/28

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.423 ± 26.946 χ^2/NDF : 17.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.131 ± 25.521 χ^2/NDF : 36.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

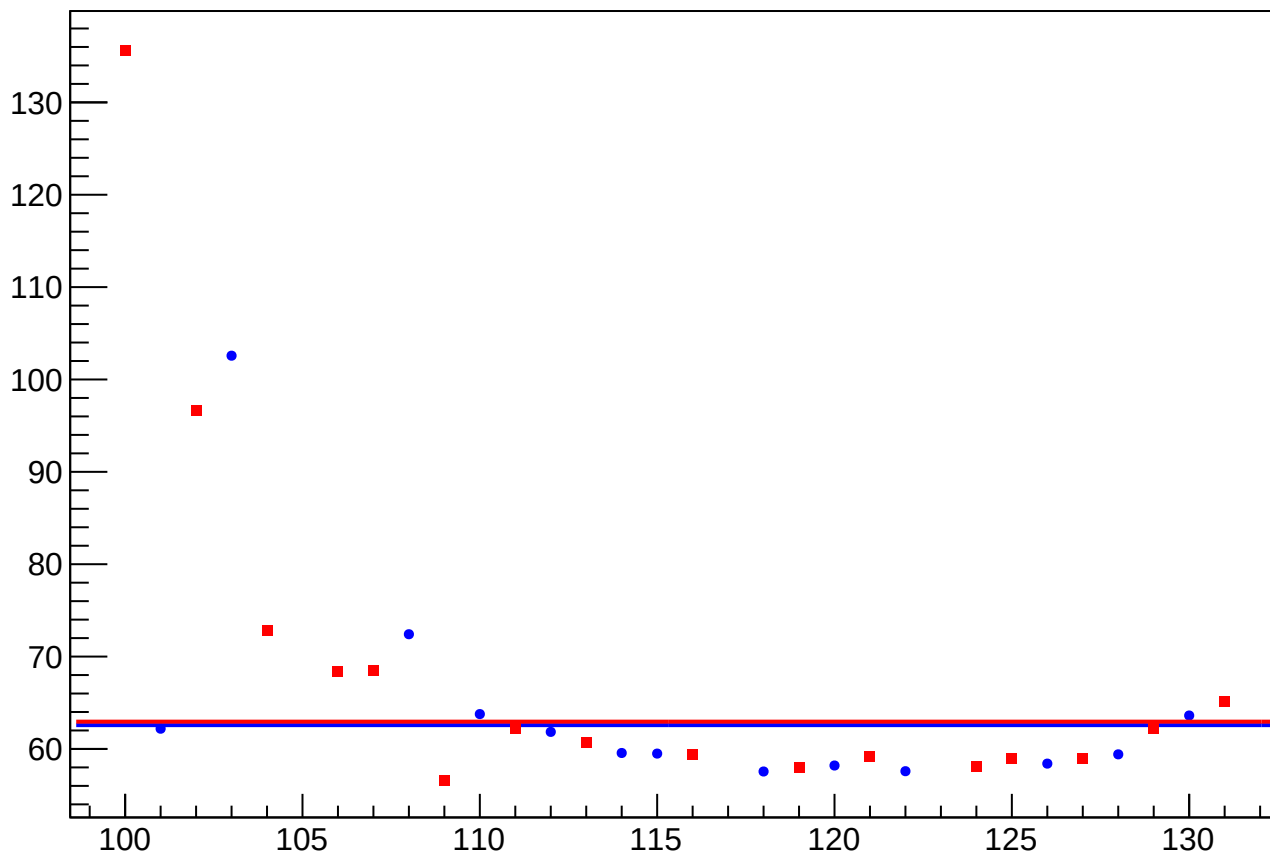
Right: -173.967 ± 18.529 χ^2/NDF : 55.1/28

In: -199.423 ± 26.946 χ^2/NDF : 17.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -173.967 ± 18.529 χ^2/NDF : 55.1/28

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.955+/-0.018 χ^2/NDF : 258626.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

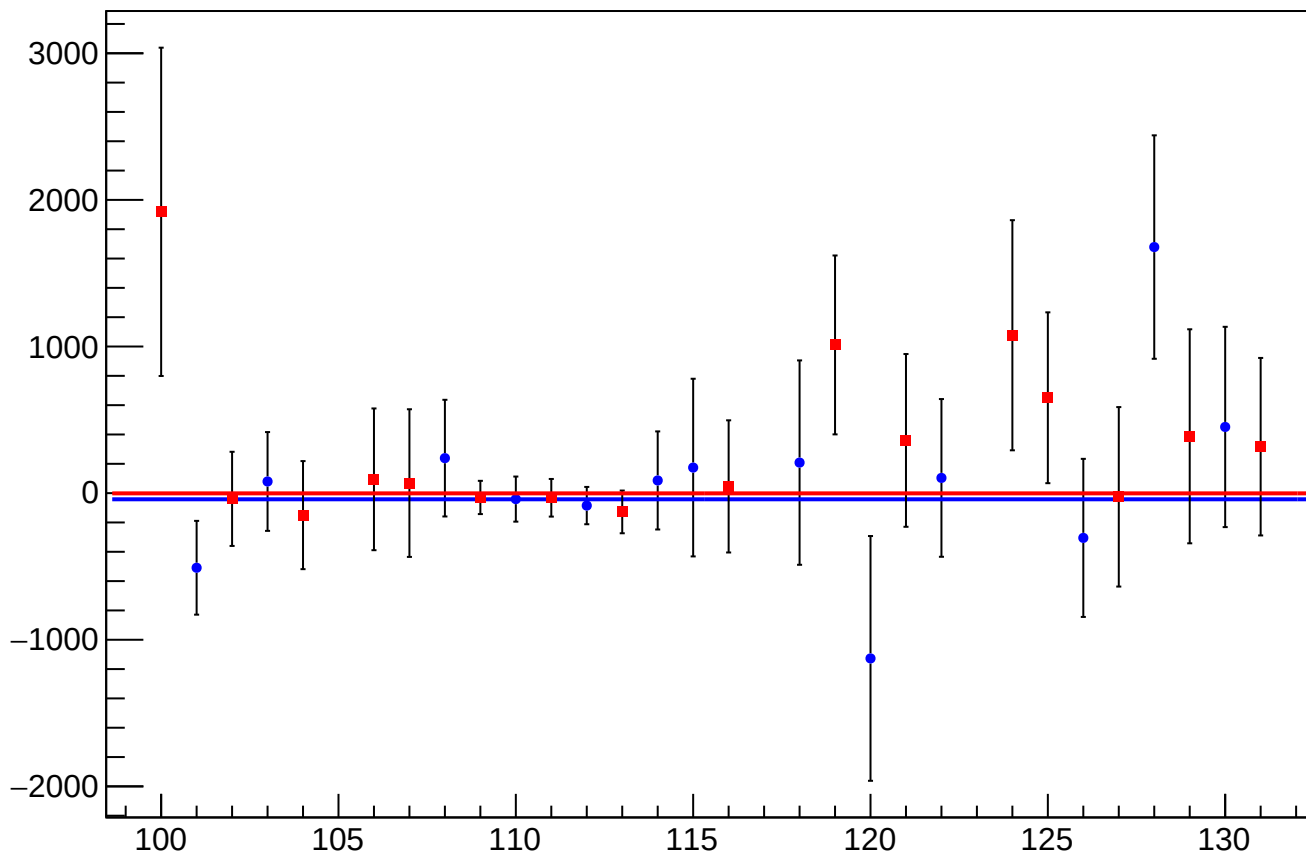
Right: 62.776+/-0.013 χ^2/NDF : 481627.6/28

In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.776+/-0.013 χ^2/NDF : 481627.6/28

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.540 ± 65.368 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

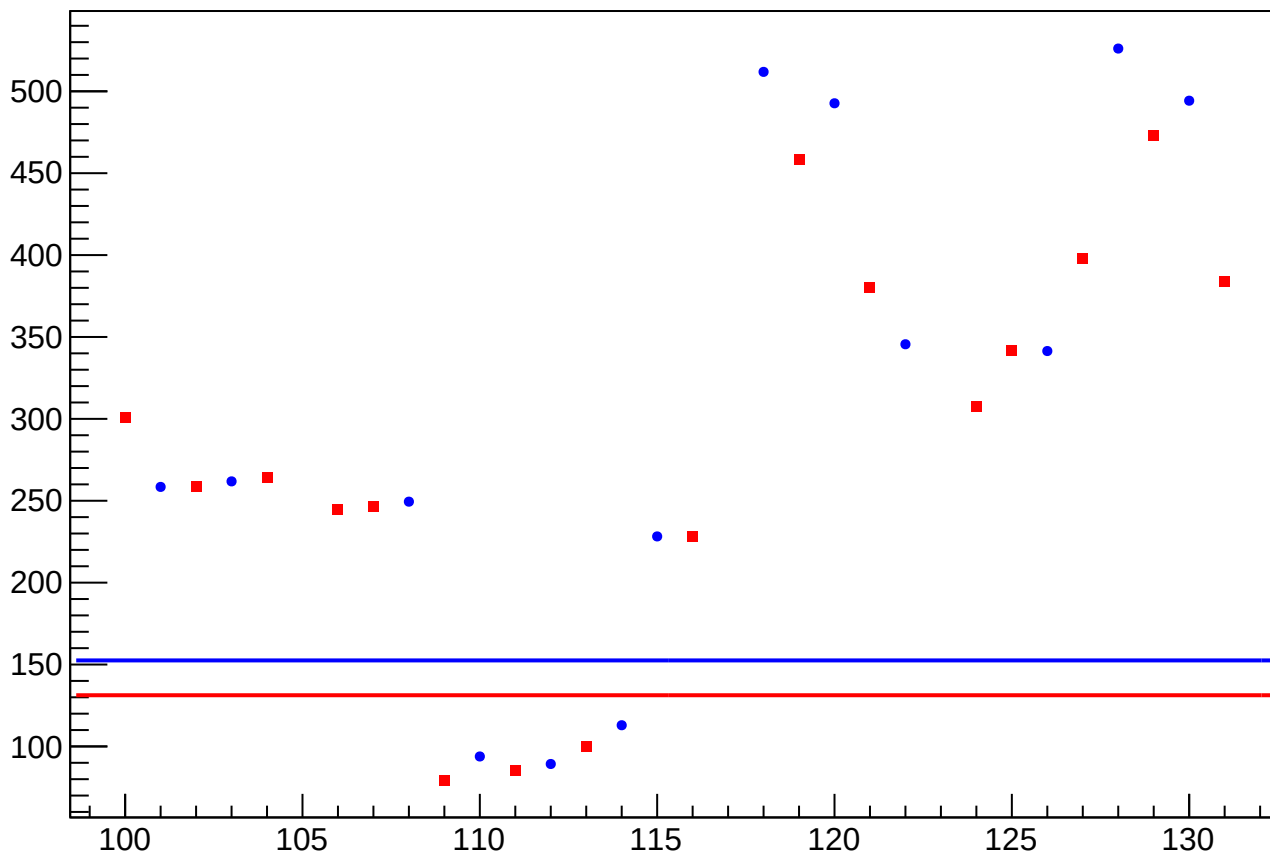
Right: -17.649 ± 50.710 χ^2/NDF : 21.9/28

In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.649 ± 50.710 χ^2/NDF : 21.9/28

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.253+/-0.046 χ^2/NDF : 4163379.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

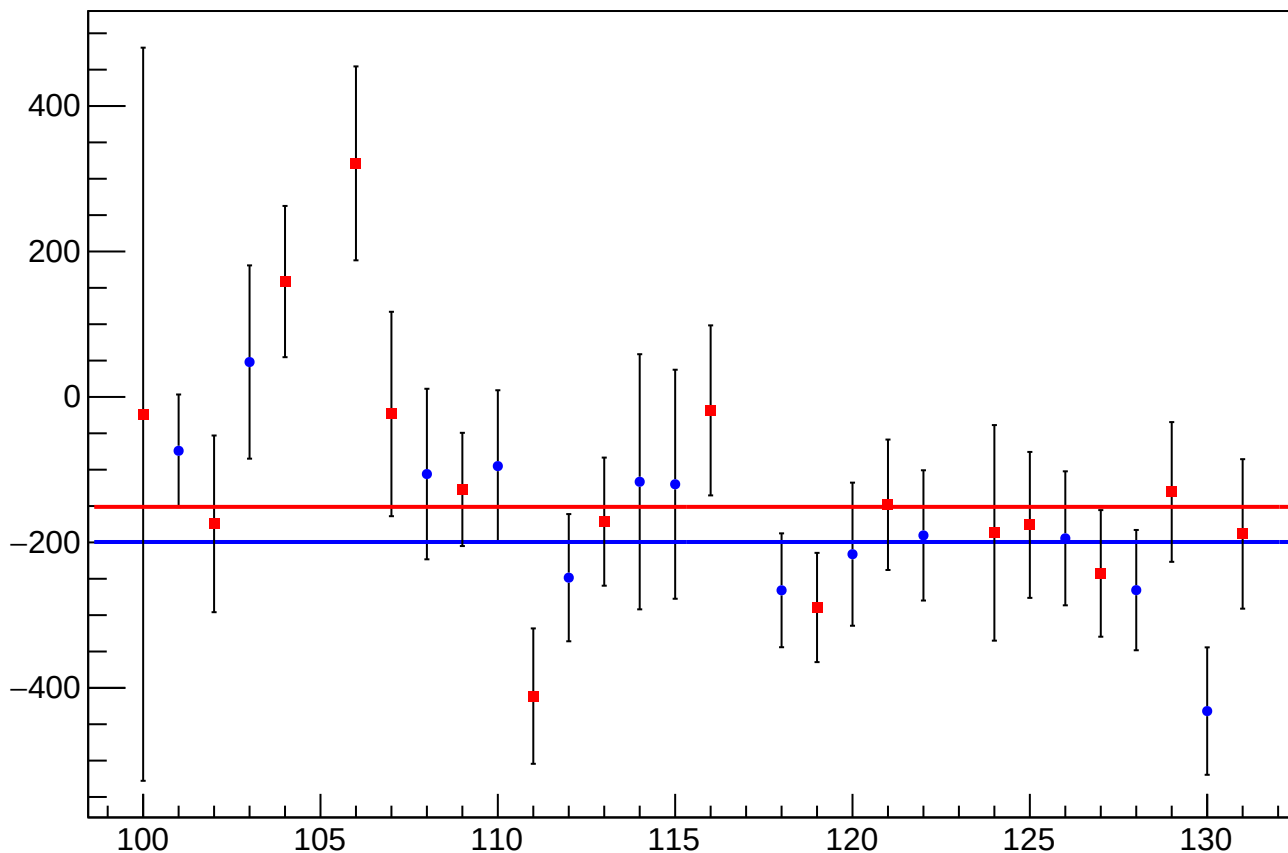
Right: 139.720+/-0.036 χ^2/NDF : 7988683.7/28

In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.720+/-0.036 χ^2/NDF : 7988683.7/28

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.423 ± 26.946 χ^2/NDF : 17.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.131 ± 25.521 χ^2/NDF : 36.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

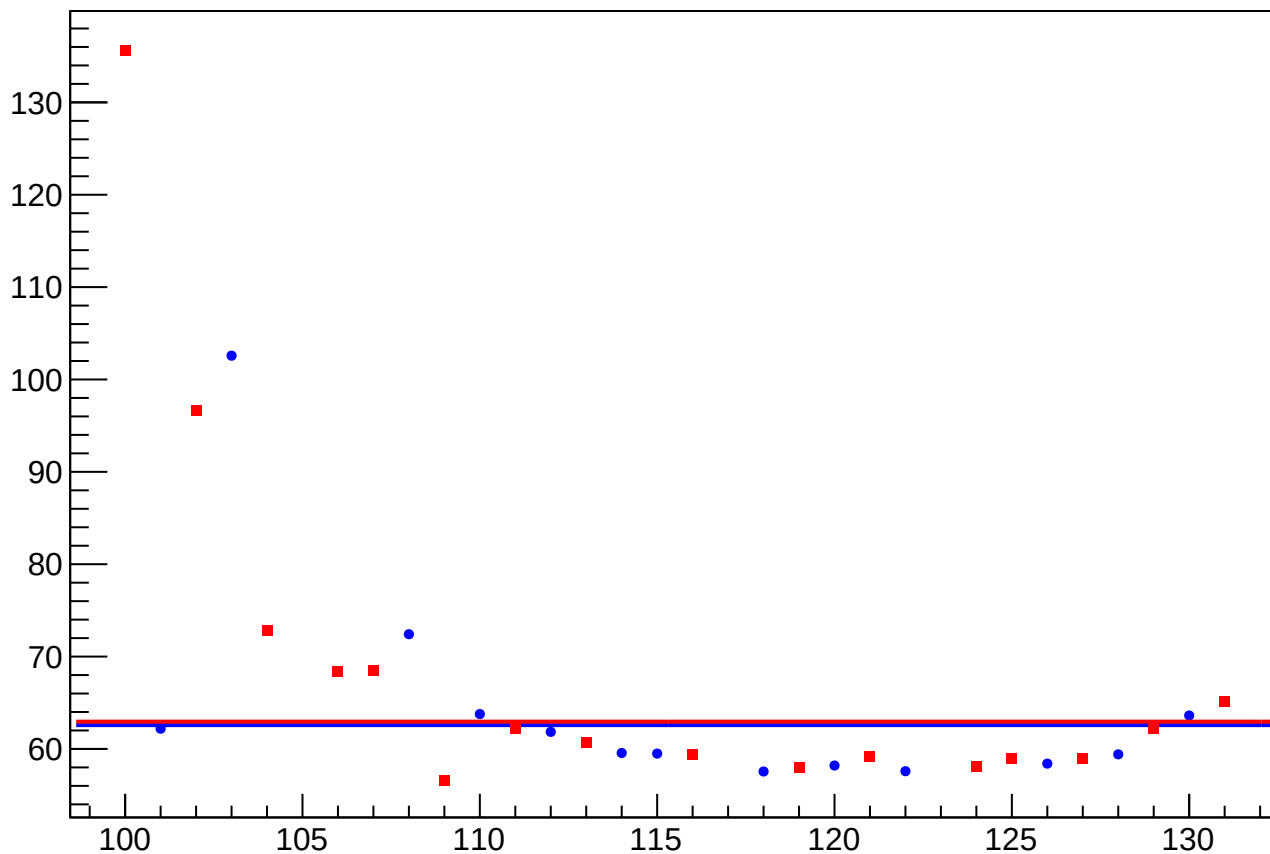
Right: -173.967 ± 18.529 χ^2/NDF : 55.1/28

In: -199.423 ± 26.946 χ^2/NDF : 17.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -173.967 ± 18.529 χ^2/NDF : 55.1/28

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.955+/-0.018 χ^2/NDF : 258626.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

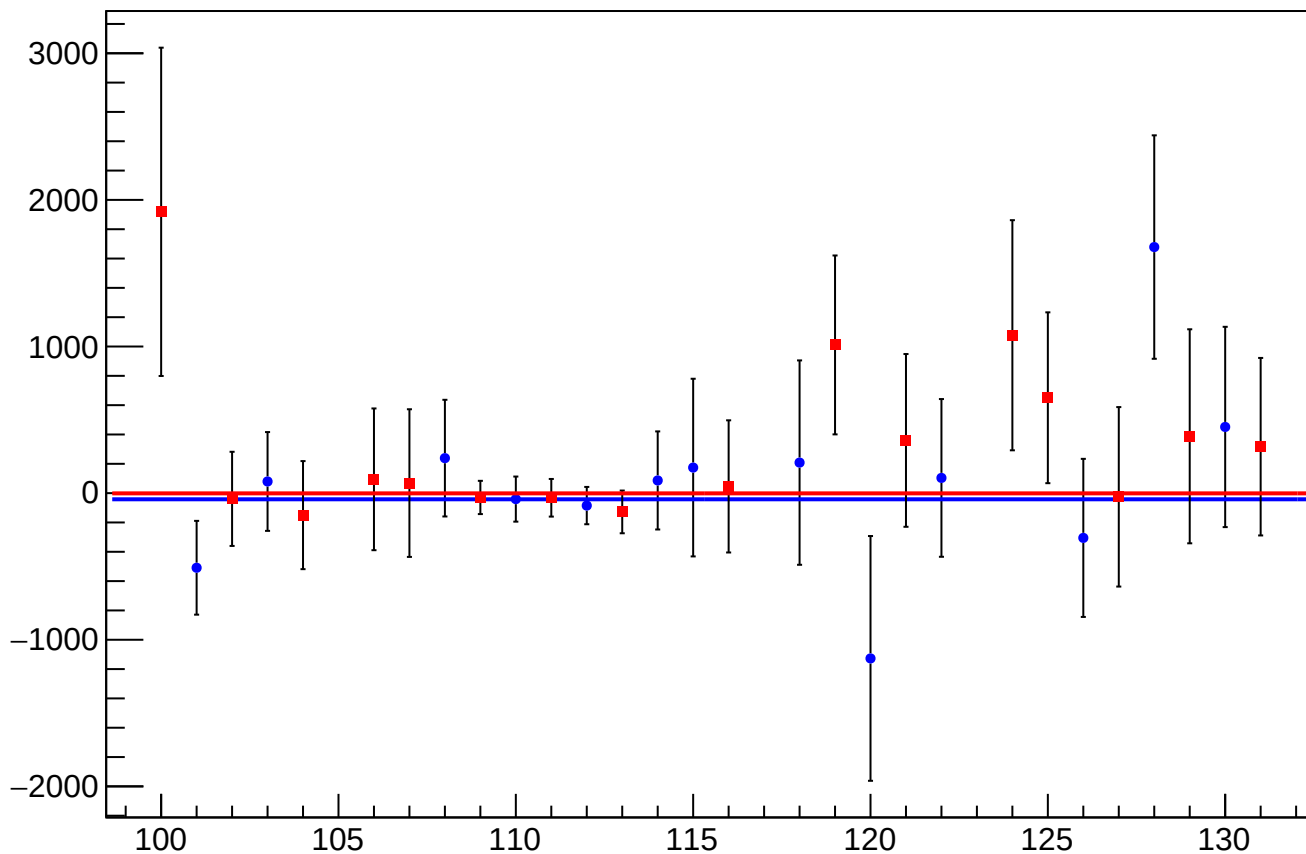
Right: 62.776+/-0.013 χ^2/NDF : 481627.6/28

In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.776+/-0.013 χ^2/NDF : 481627.6/28

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.540 ± 65.368 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

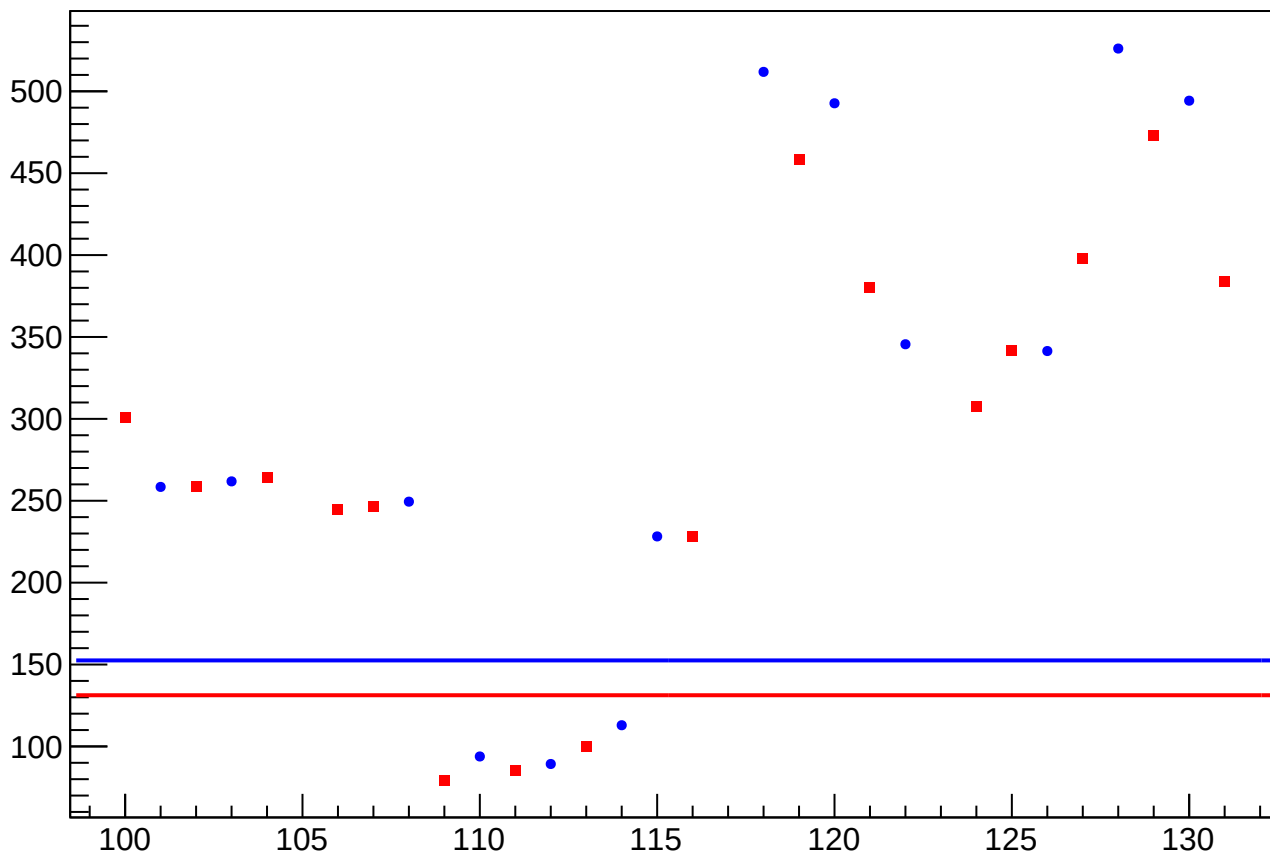
Right: -17.649 ± 50.710 χ^2/NDF : 21.9/28

In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.649 ± 50.710 χ^2/NDF : 21.9/28

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 131.253+/-0.046 χ^2/NDF : 4163379.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

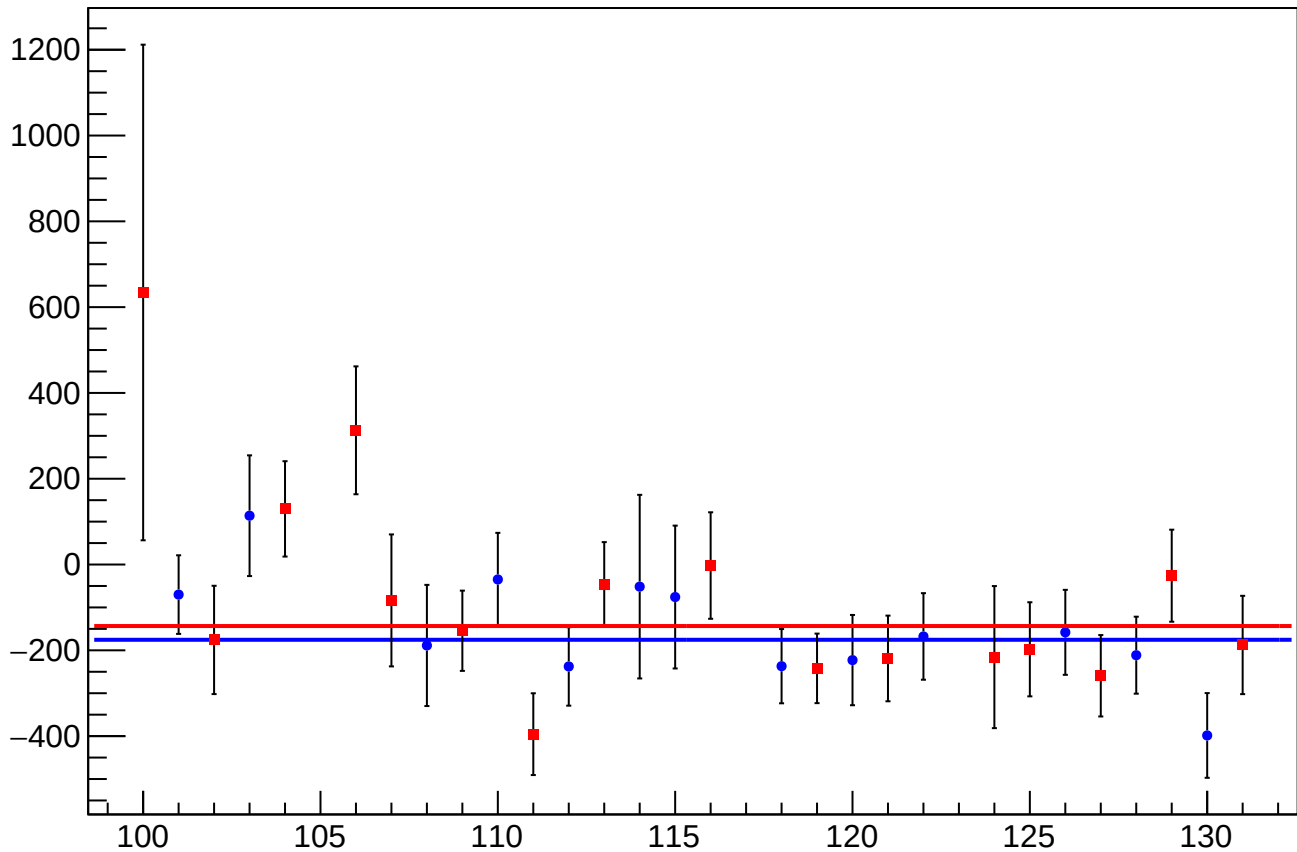
Right: 139.720+/-0.036 χ^2/NDF : 7988683.7/28

In: 152.516+/-0.057 χ^2/NDF :3741041.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 139.720+/-0.036 χ^2/NDF : 7988683.7/28

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.431 ± 29.710 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -143.377 ± 28.017 χ^2/NDF : 32.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

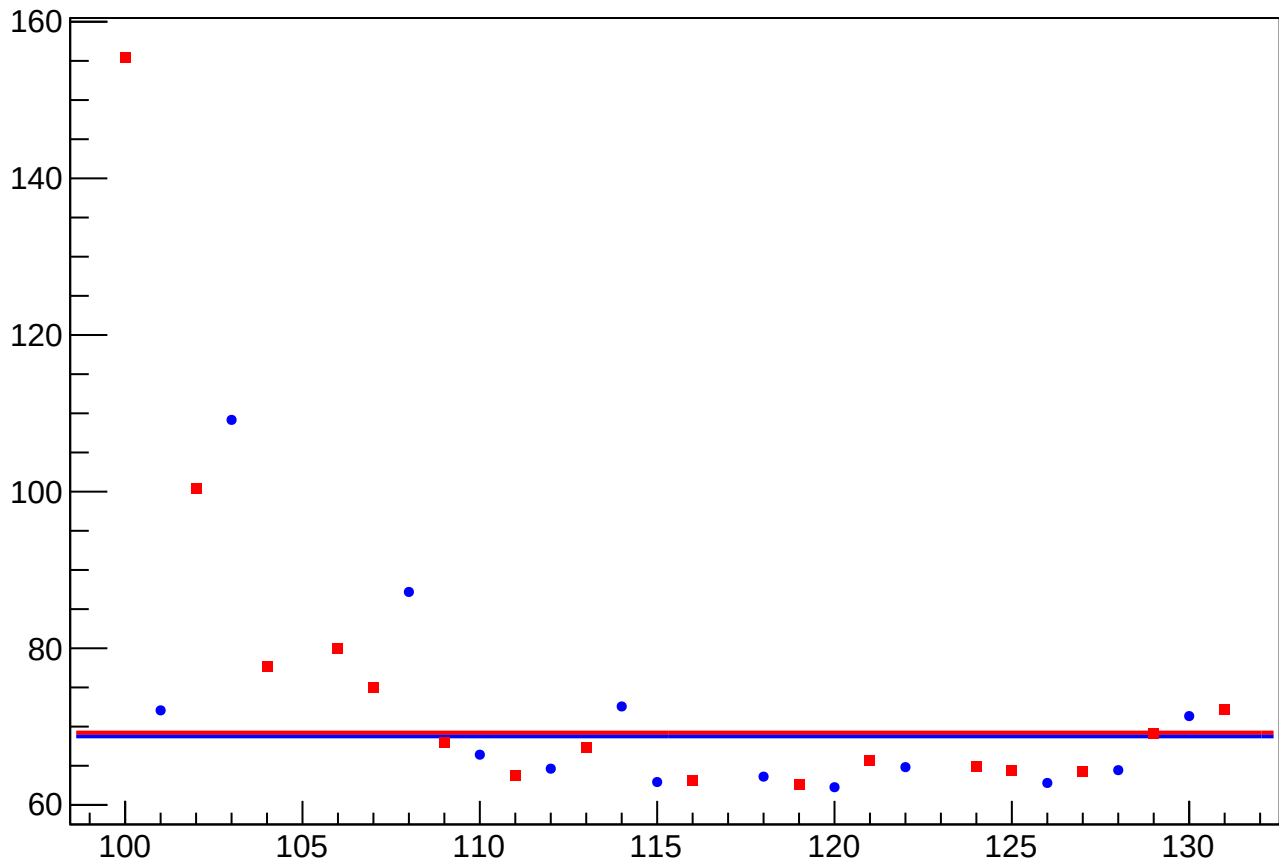
Right: -158.465 ± 20.383 χ^2/NDF : 47.1/28

In: -175.431 ± 29.710 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -158.465 ± 20.383 χ^2/NDF : 47.1/28

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.760 $\pm$ 0.021 χ^2 /NDF: 240693.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.235 $\pm$ 0.020 χ^2 /NDF: 232382.6/15

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

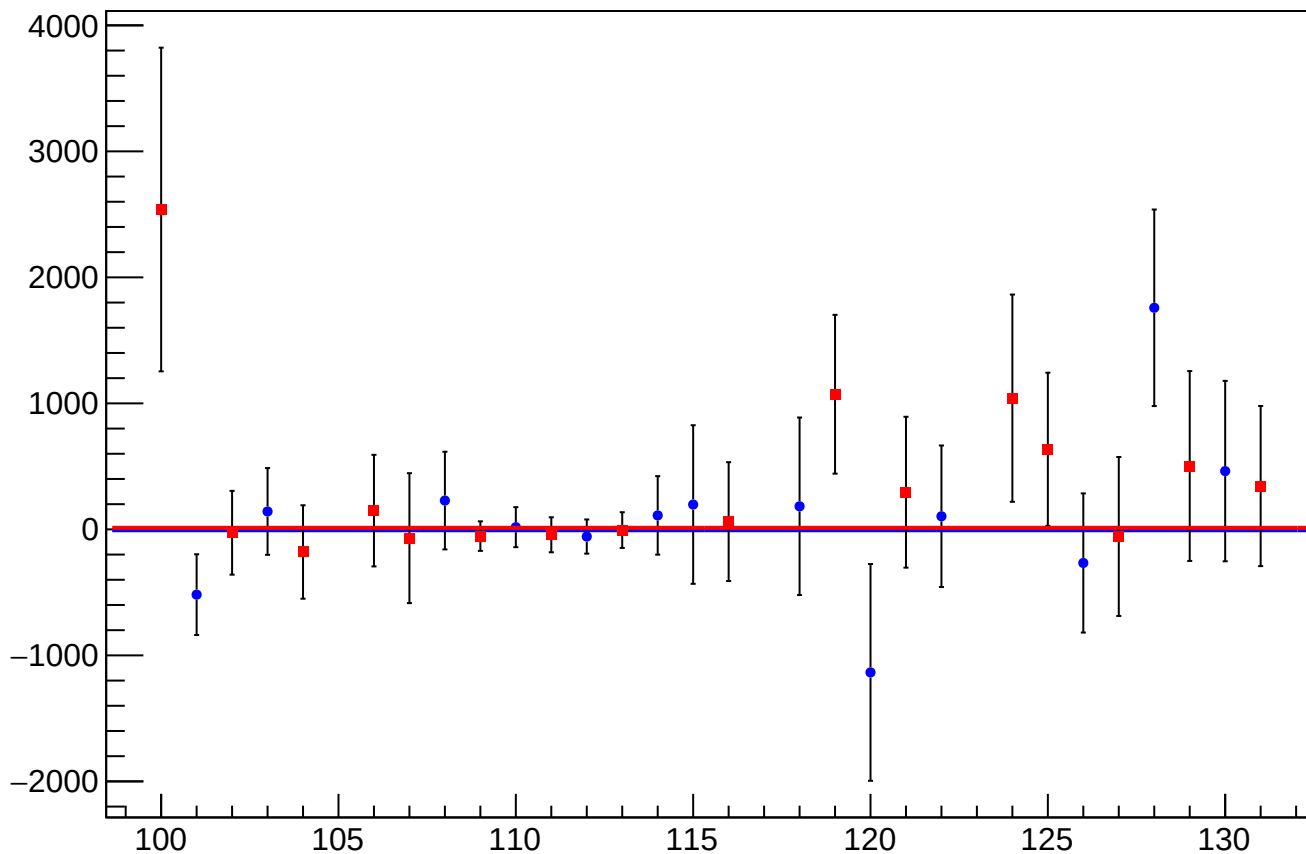
Right: 69.011 $\pm$ 0.014 χ^2 /NDF: 473346.1/28

In: 68.760 $\pm$ 0.021 χ^2 /NDF:240693.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.011 $\pm$ 0.014 χ^2 /NDF: 473346.1/28

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.386+/-67.256 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

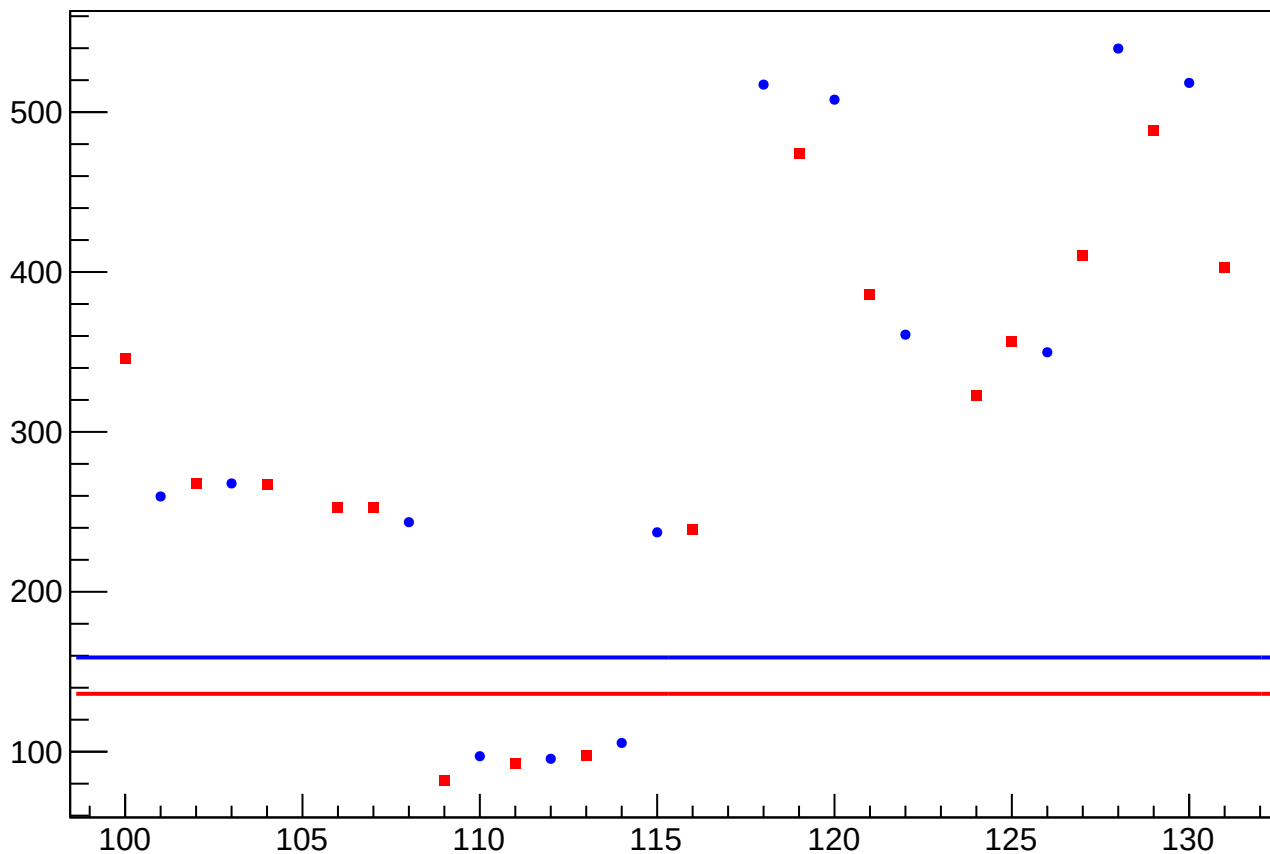
Right: 4.745+/-52.257 χ^2/NDF : 22.3/28

In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.745+/-52.257 χ^2/NDF : 22.3/28

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 158.928+/-0.059 χ^2/NDF : 3645947.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.207+/-0.048 χ^2/NDF : 4184370.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

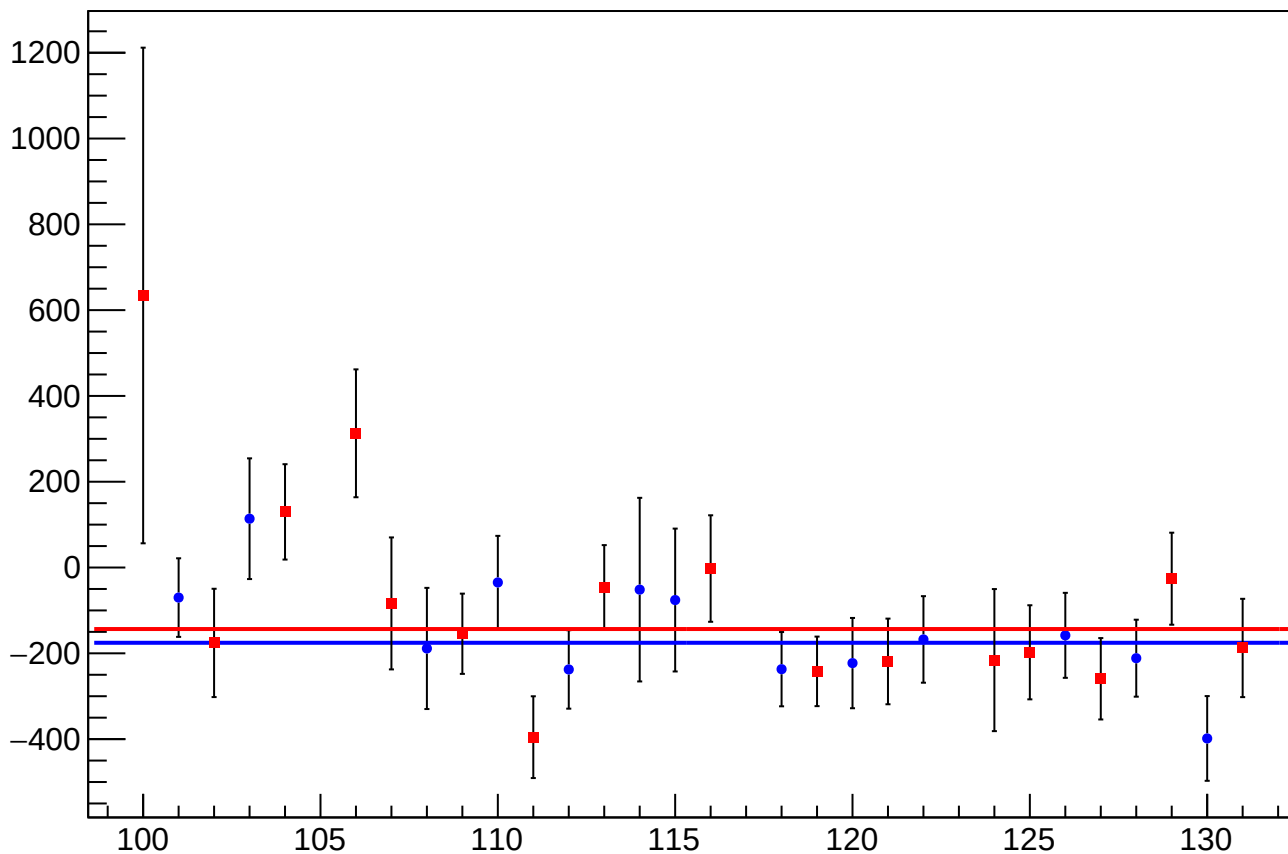
Right: 145.211+/-0.037 χ^2/NDF : 7920768.3/28

In: 158.928+/-0.059 χ^2/NDF : 3645947.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.211+/-0.037 χ^2/NDF : 7920768.3/28

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.432 ± 29.710 $\chi^2/\text{NDF}: 14.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -143.378 ± 28.017 $\chi^2/\text{NDF}: 32.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

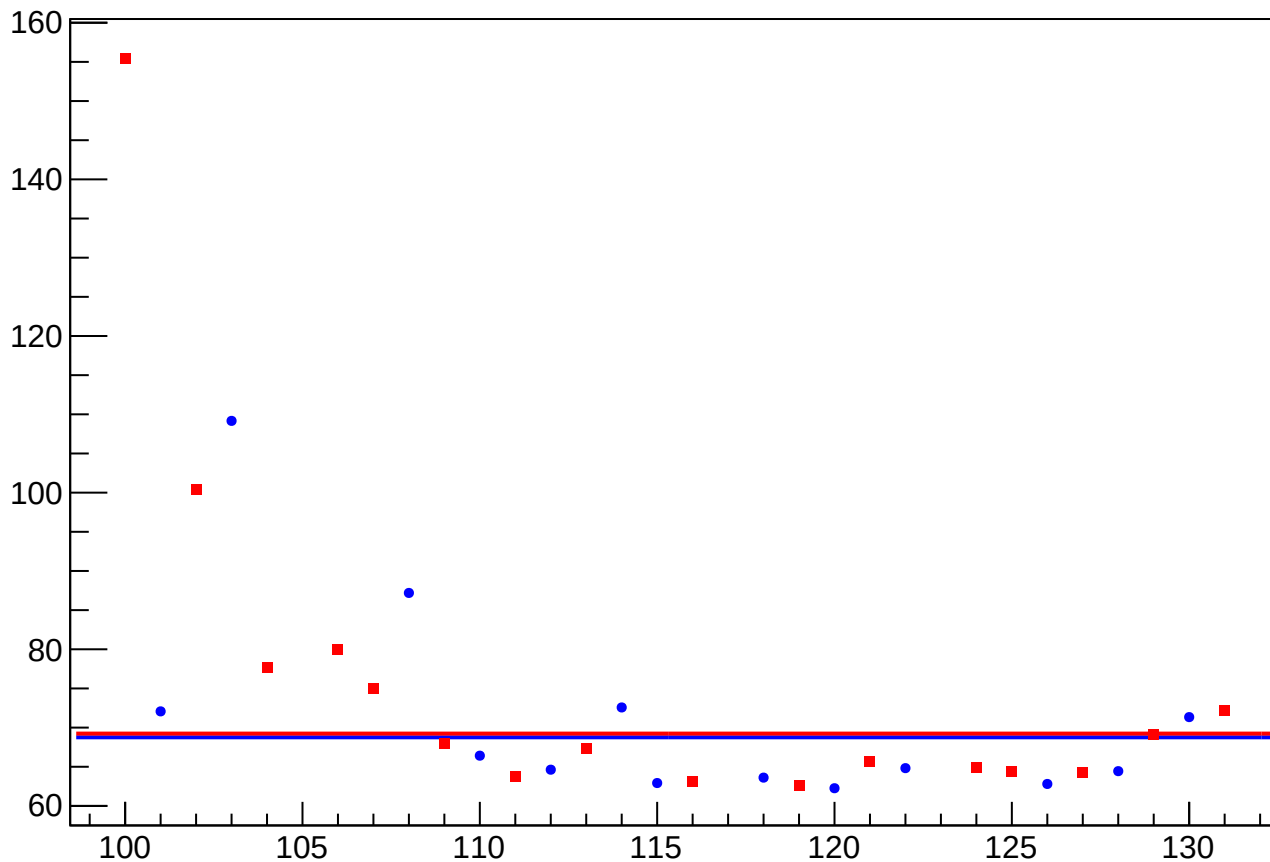
Right: -158.466 ± 20.383 $\chi^2/\text{NDF}: 47.1/28$

In: -175.432 ± 29.710 $\chi^2/\text{NDF}: 14.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -158.466 ± 20.383 $\chi^2/\text{NDF}: 47.1/28$

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.760 $\pm$ 0.021 χ^2 /NDF: 240693.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.234 $\pm$ 0.020 χ^2 /NDF: 232384.9/15

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

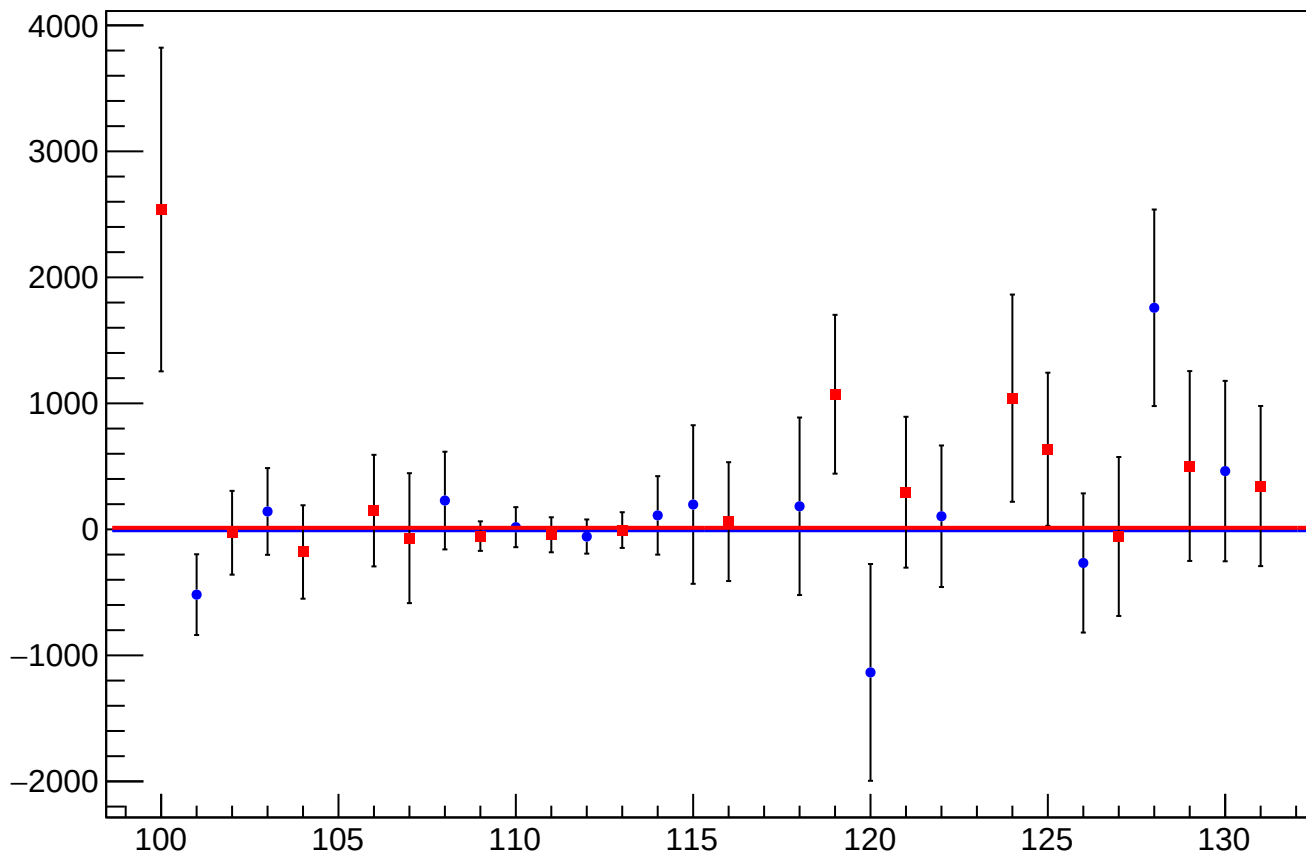
Right: 69.011 $\pm$ 0.014 χ^2 /NDF: 473348.5/28

In: 68.760 $\pm$ 0.021 χ^2 /NDF:240693.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.011 $\pm$ 0.014 χ^2 /NDF: 473348.5/28

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.384+/-67.256 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

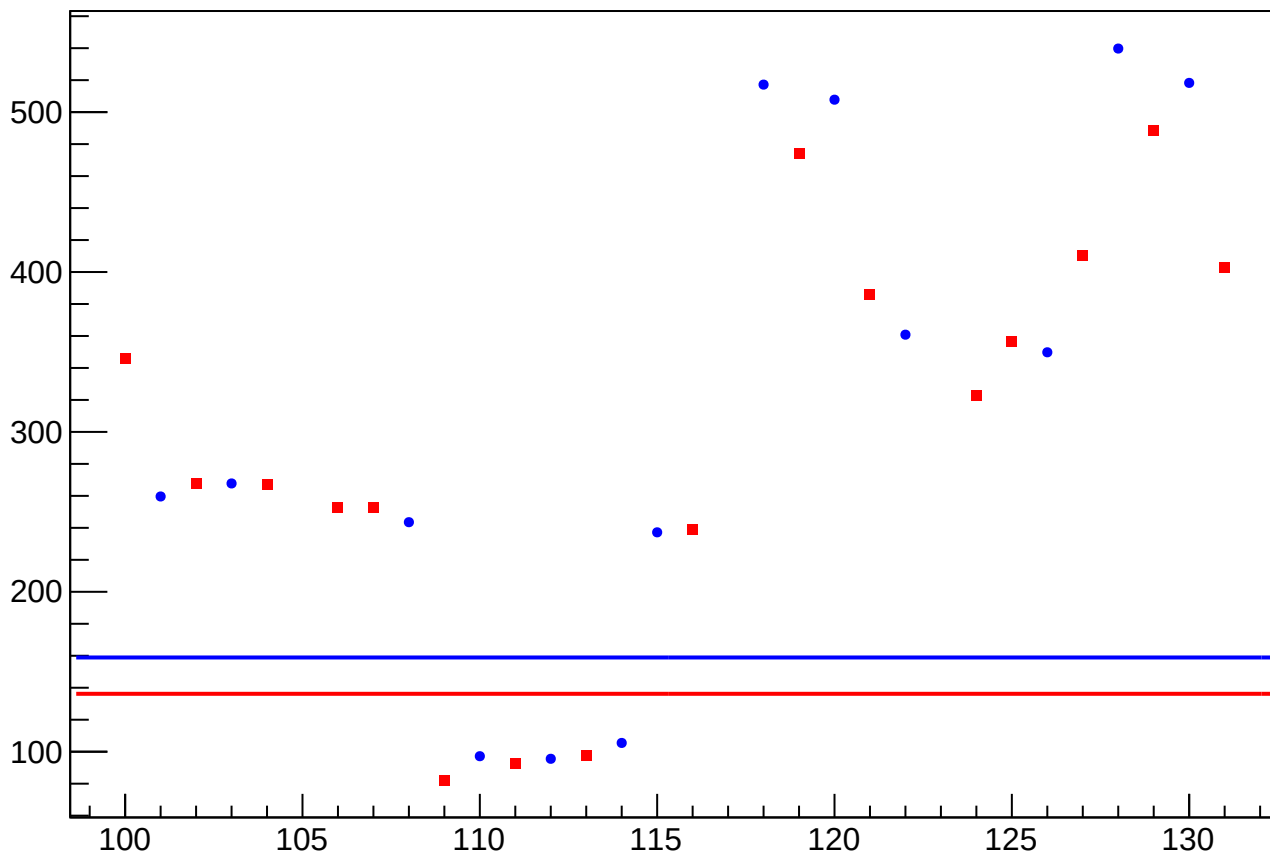
Right: 4.744+/-52.257 χ^2/NDF : 22.3/28

In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.744+/-52.257 χ^2/NDF : 22.3/28

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 158.927+/-0.059 χ^2/NDF : 3645960.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.207+/-0.048 χ^2/NDF : 4184351.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

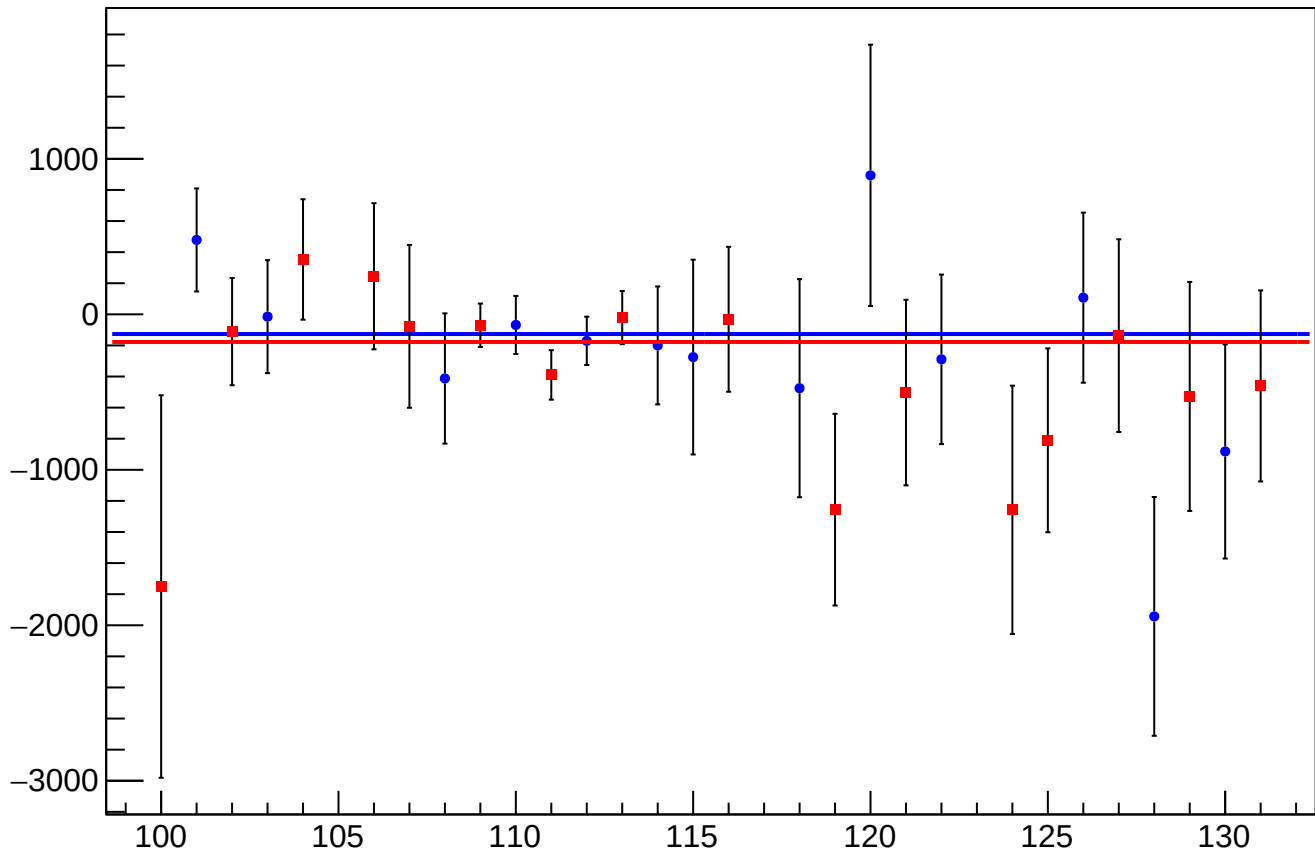
Right: 145.210+/-0.037 χ^2/NDF : 7920754.7/28

In: 158.927+/-0.059 χ^2/NDF : 3645960.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.210+/-0.037 χ^2/NDF : 7920754.7/28

asym_sam8_mean vs Slug, Sign Corrected



Right In: -126.685+/-92.945 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -177.692+/-76.572 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

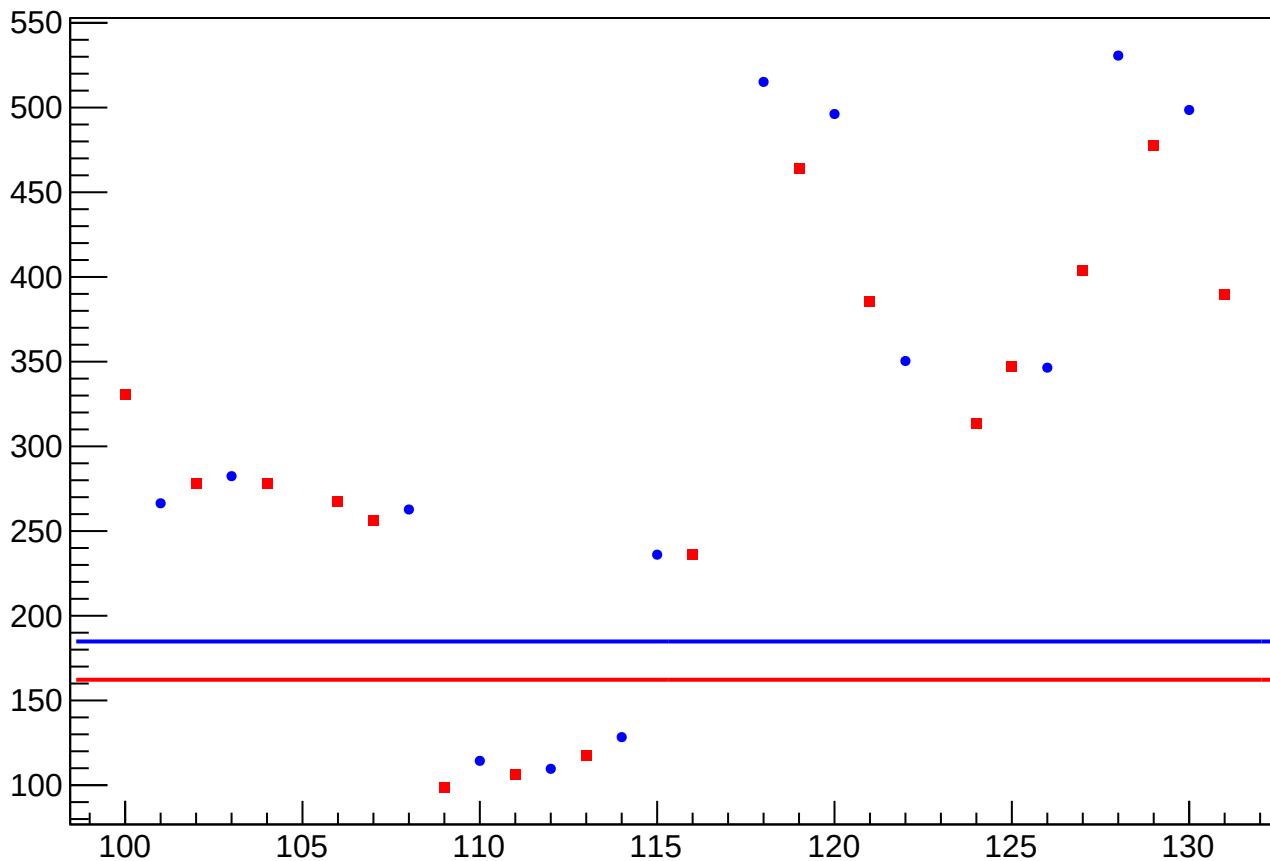
Right: -157.070+/-59.099 χ^2/NDF : 27.6/28

In: -126.685+/-92.945 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.070+/-59.099 χ^2/NDF : 27.6/28

asym_sam8_rms vs Slug, Sign Corrected



Right In: 184.821+/-0.066 χ^2/NDF : 3041015.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.230+/-0.054 χ^2/NDF : 3428407.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

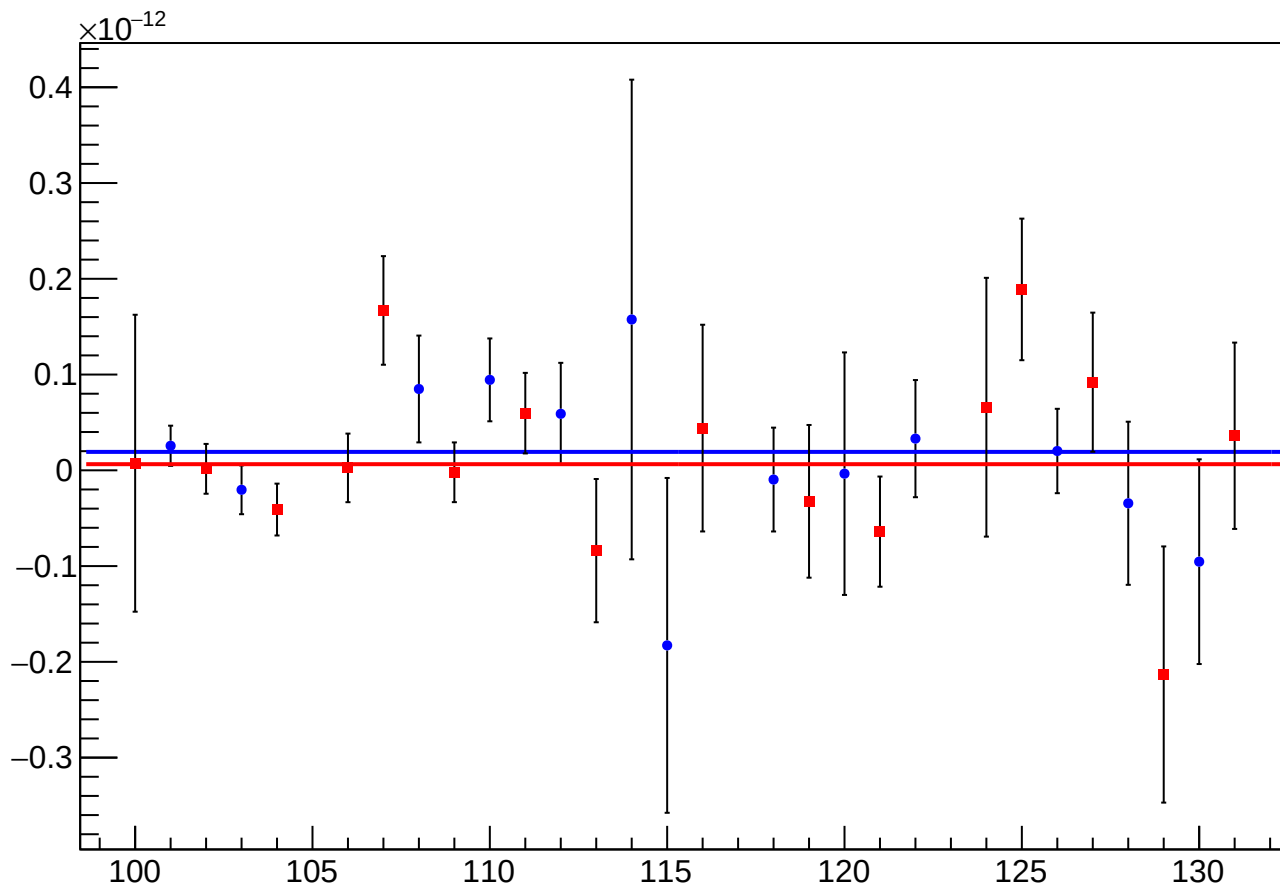
Right: 171.363+/-0.042 χ^2/NDF : 6539808.4/28

In: 184.821+/-0.066 χ^2/NDF : 3041015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.363+/-0.042 χ^2/NDF : 6539808.4/28

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 26.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

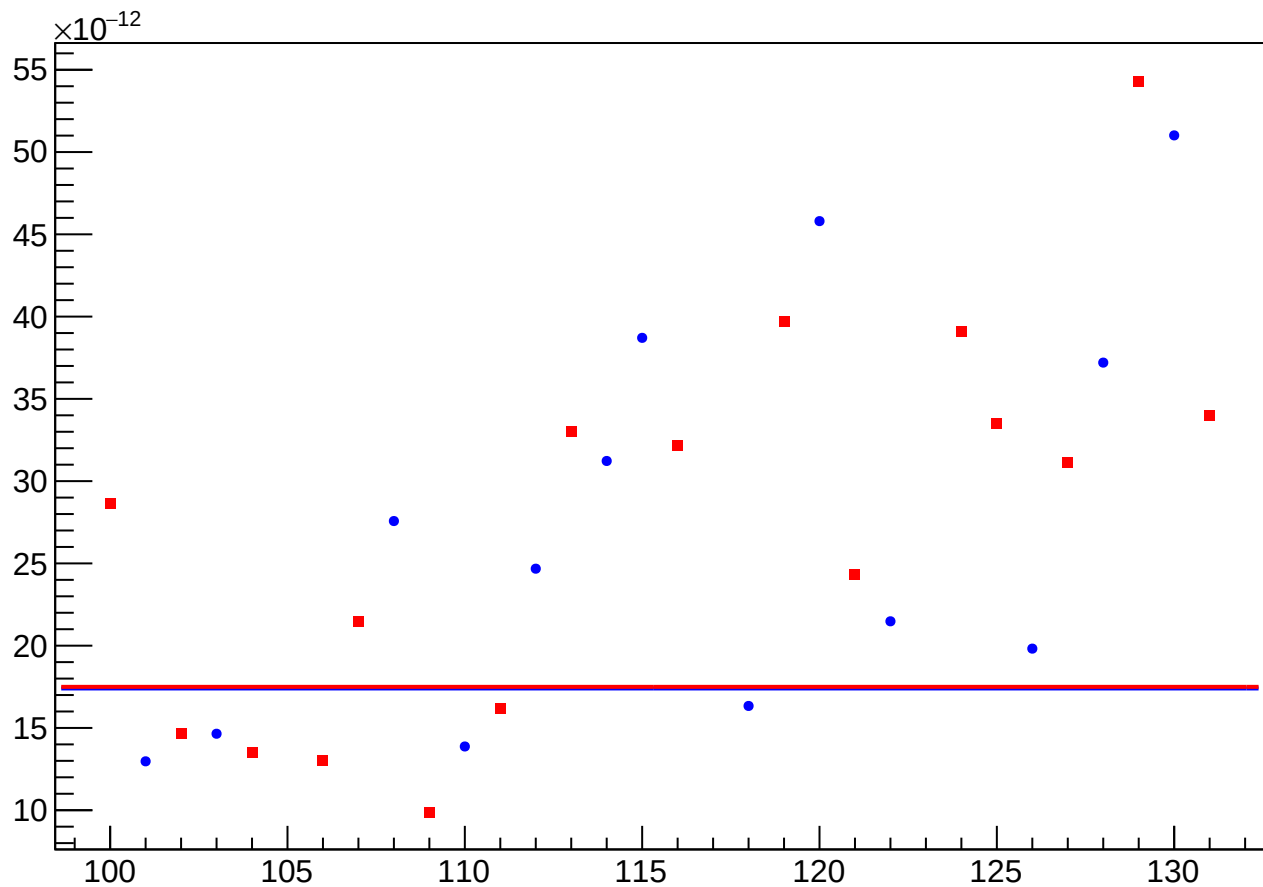
Right: 0.000+/-0.000 χ^2/NDF : 38.2/28

In: 0.000+/-0.000 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.2/28

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 687758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 972477.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

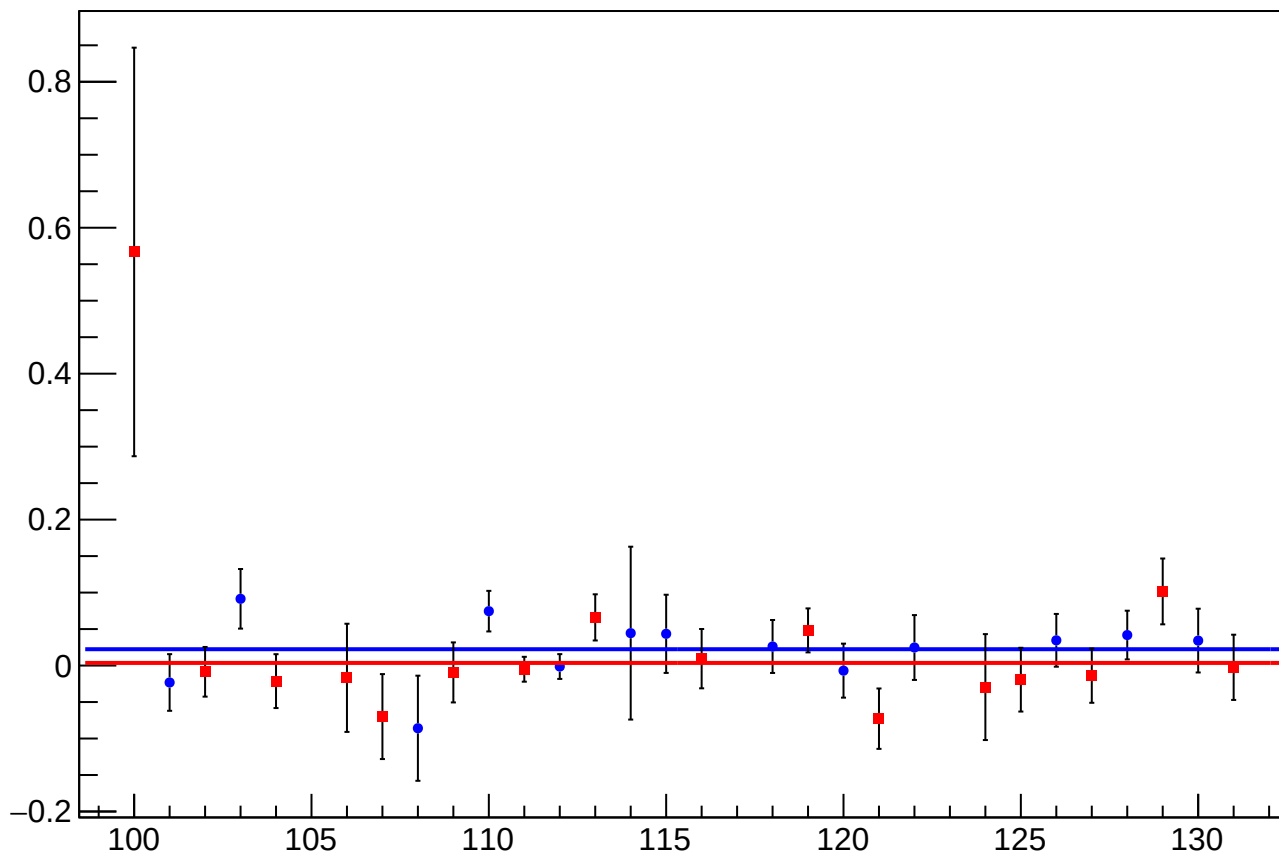
Right: 0.000+/-0.000 χ^2/NDF : 1660299.7/28

In: 0.000+/-0.000 χ^2/NDF : 687758.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1660299.7/28

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

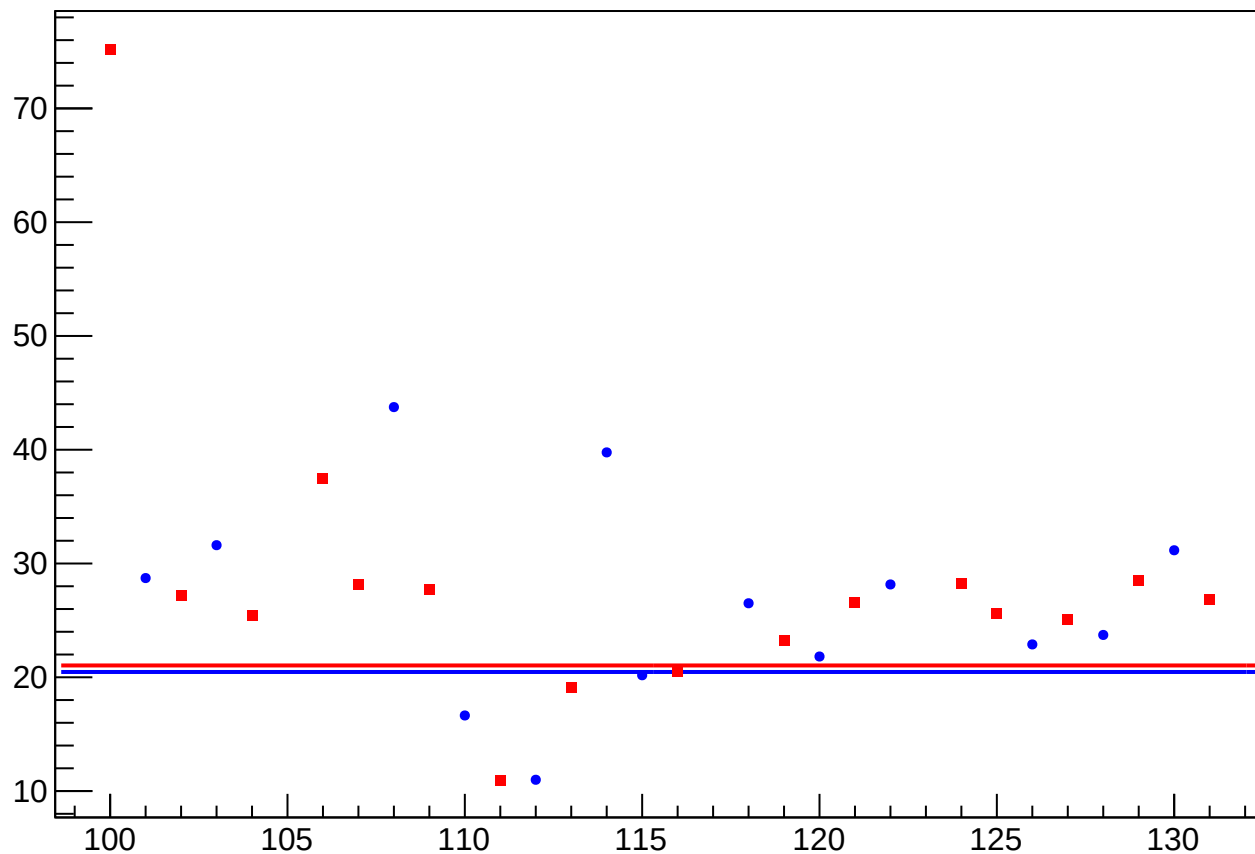
Right: 0.013+/-0.007 χ^2/NDF : 36.9/28

In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.007 χ^2/NDF : 36.9/28

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263159.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

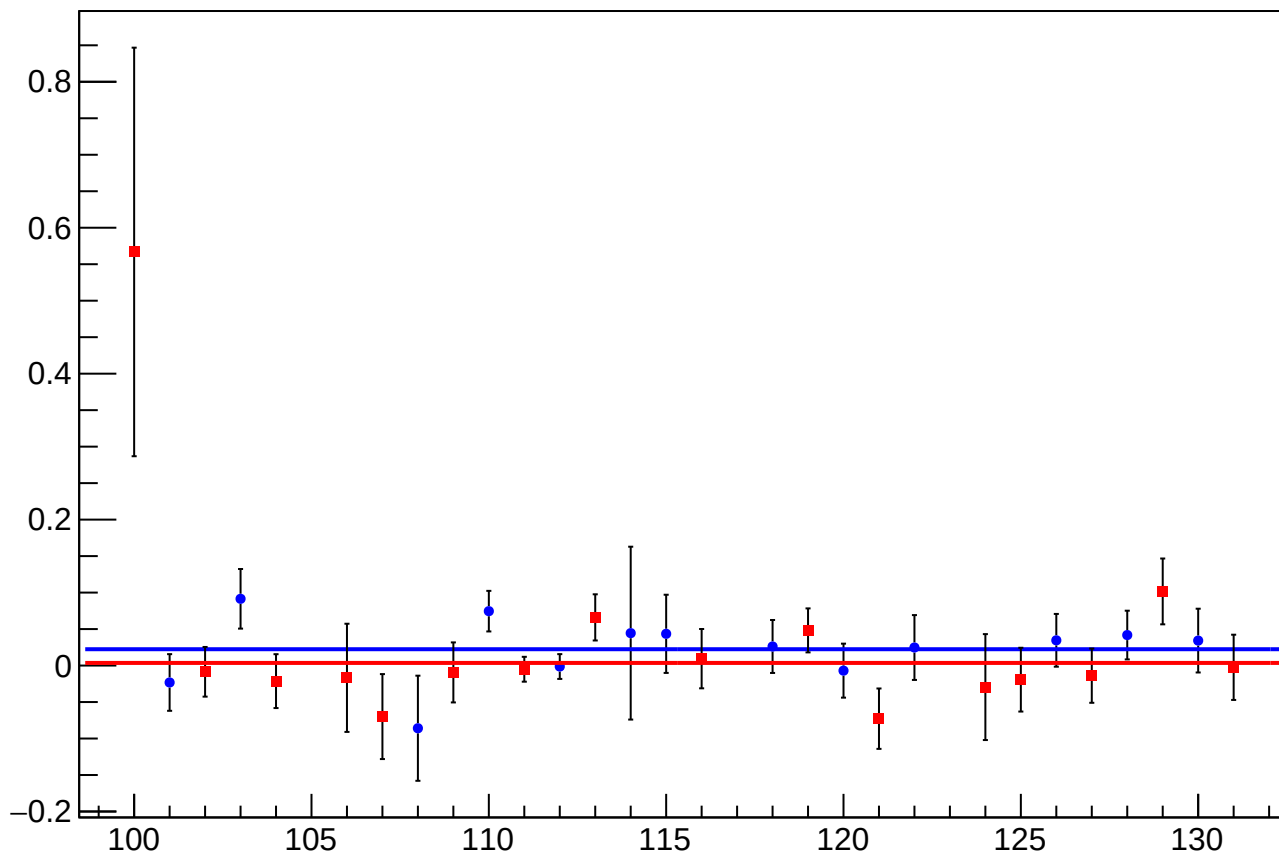
Right: 20.766+/-0.005 χ^2/NDF : 2694015.8/28

In: 20.466+/-0.007 χ^2/NDF :1427140.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.766+/-0.005 χ^2/NDF : 2694015.8/28

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

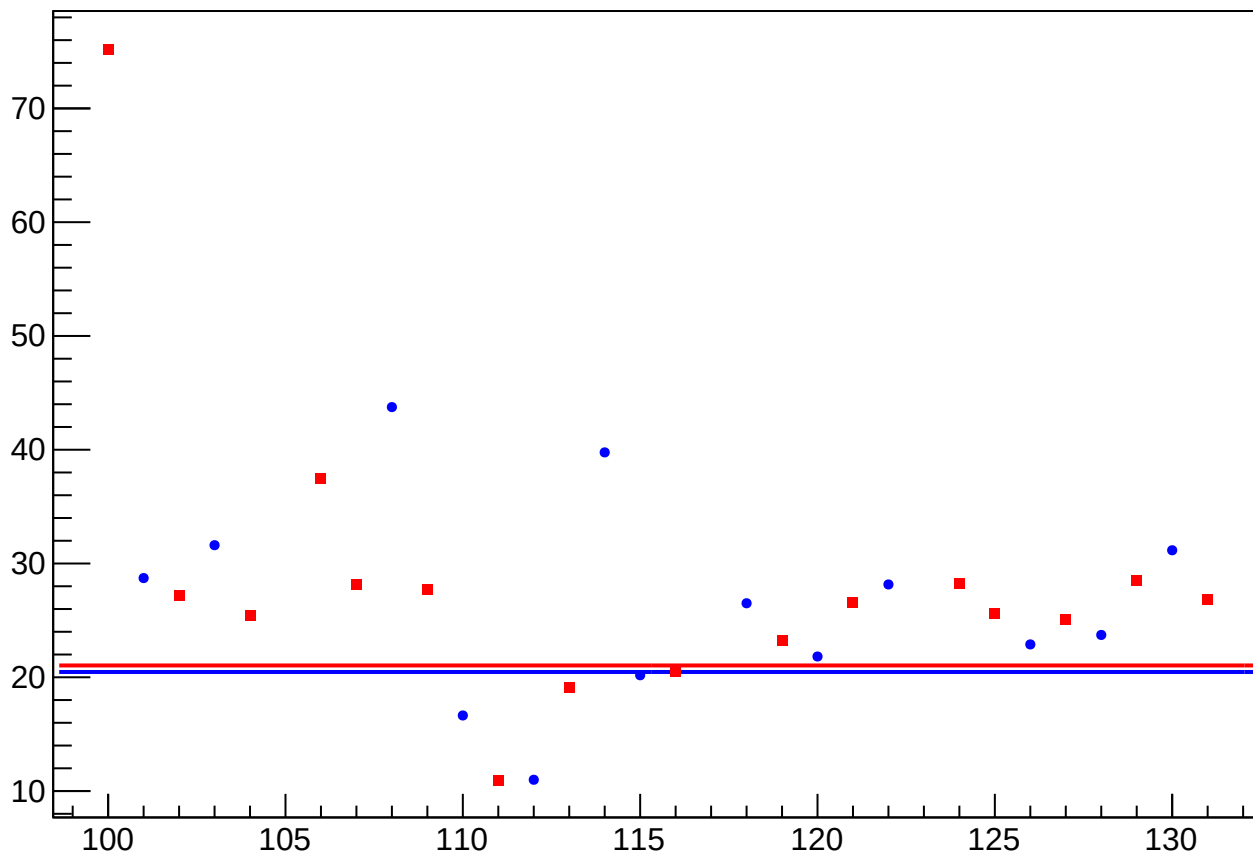
Right: 0.013 $\pm$ 0.007 χ^2 /NDF: 36.9/28

In: 0.022 $\pm$ 0.010 χ^2 /NDF:13.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.007 χ^2 /NDF: 36.9/28

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263159.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

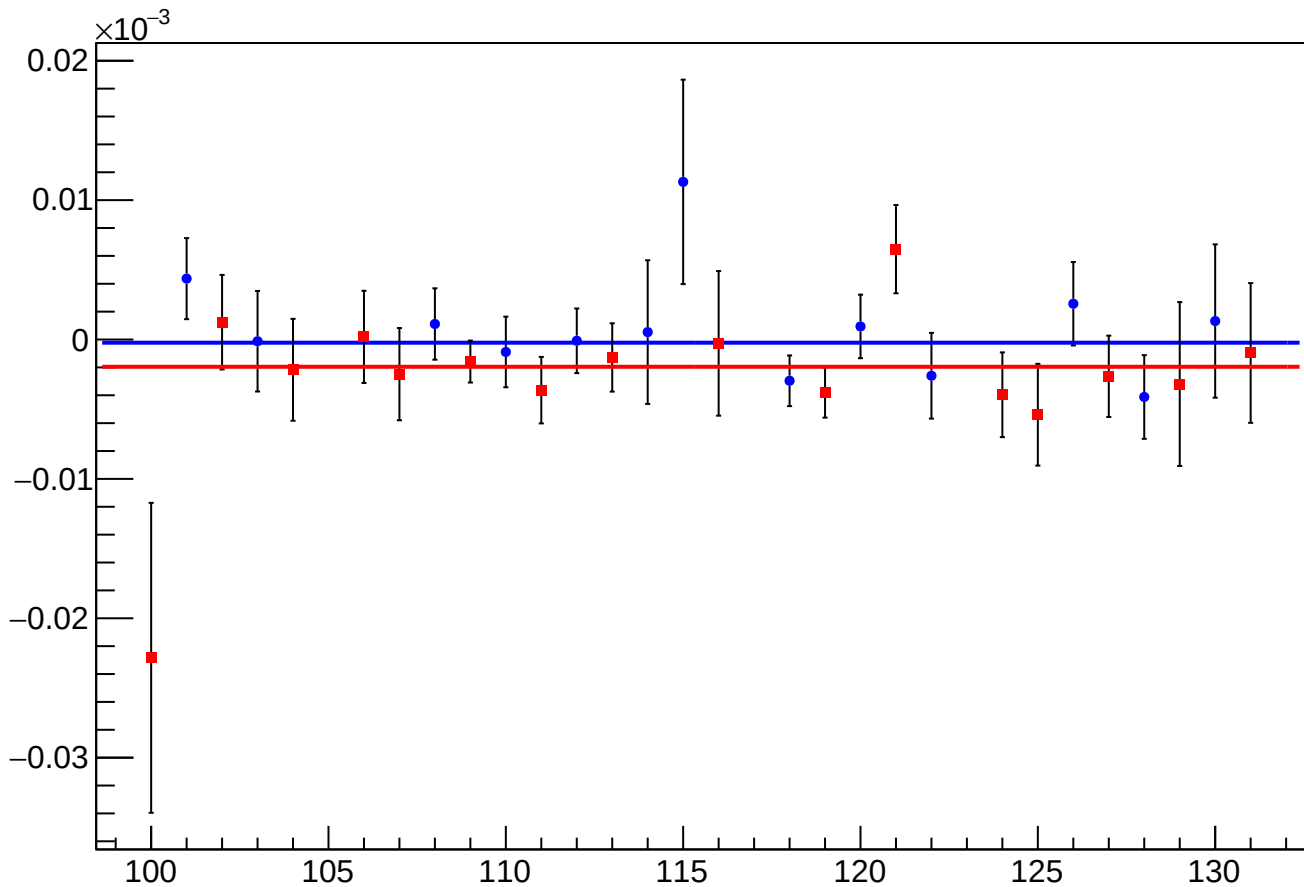
Right: 20.766+/-0.005 χ^2/NDF : 2694015.8/28

In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.766+/-0.005 χ^2/NDF : 2694015.8/28

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

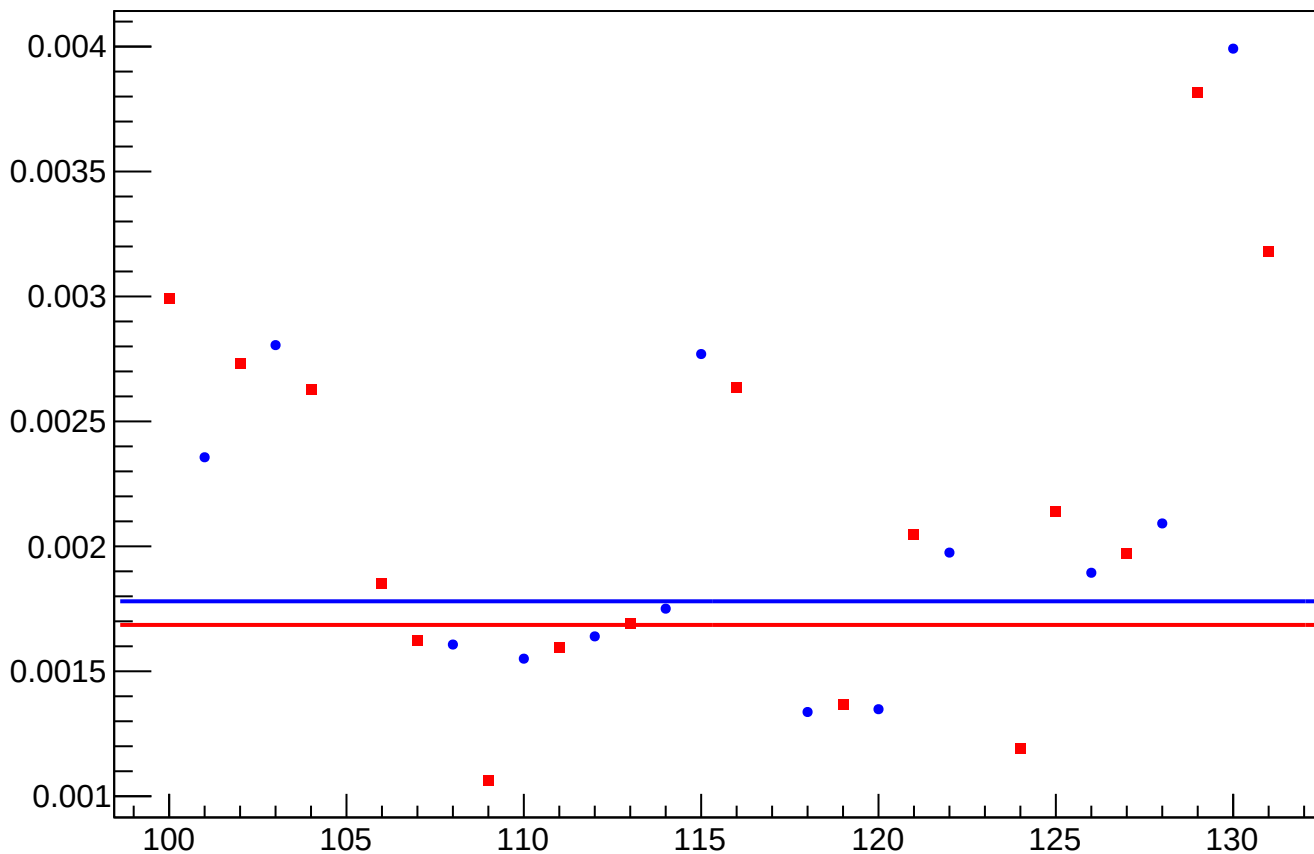
Right: -0.000+/-0.000 χ^2/NDF : 28.9/28

In: -0.000+/-0.000 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.9/28

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 855777.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1400253.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

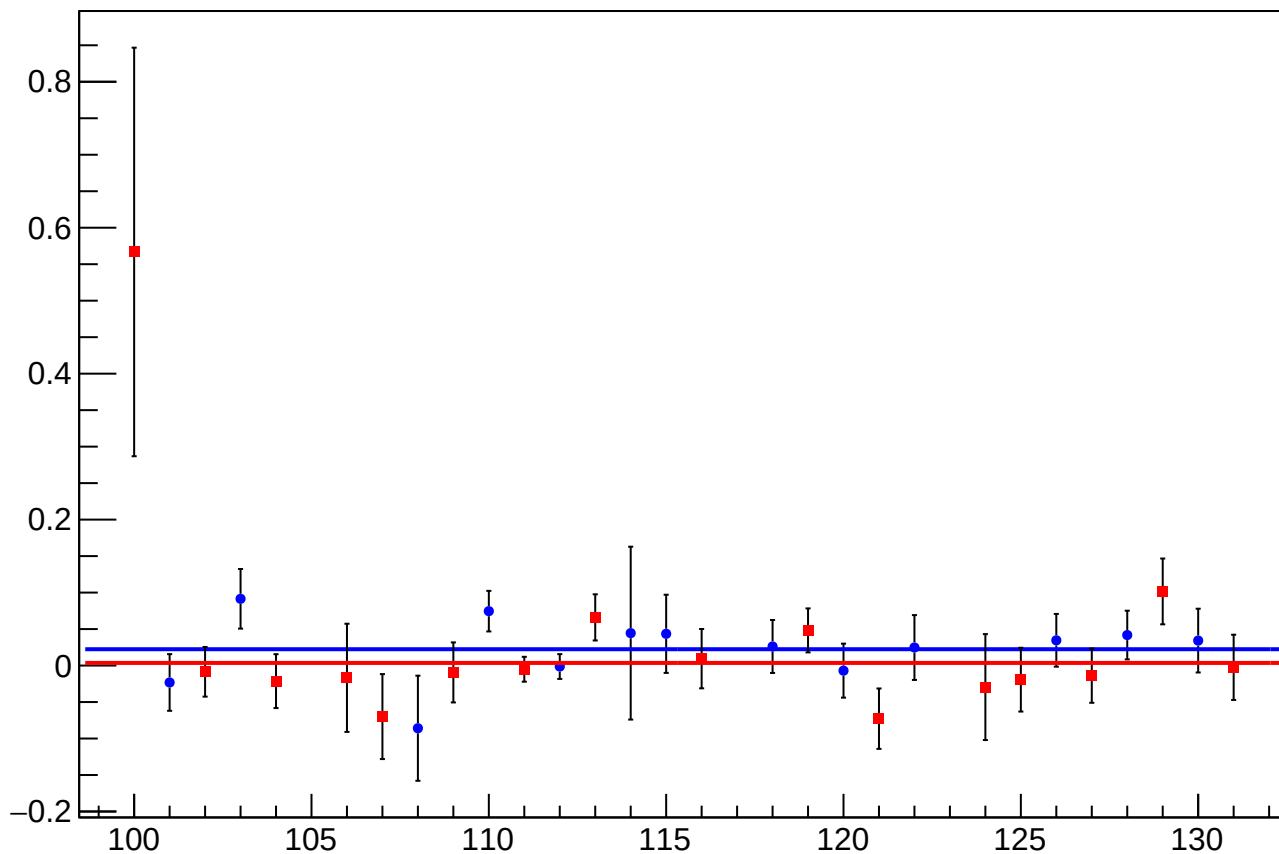
Right: 0.002+/-0.000 χ^2/NDF : 2271766.8/28

In: 0.002+/-0.000 χ^2/NDF :855777.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2271766.8/28

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

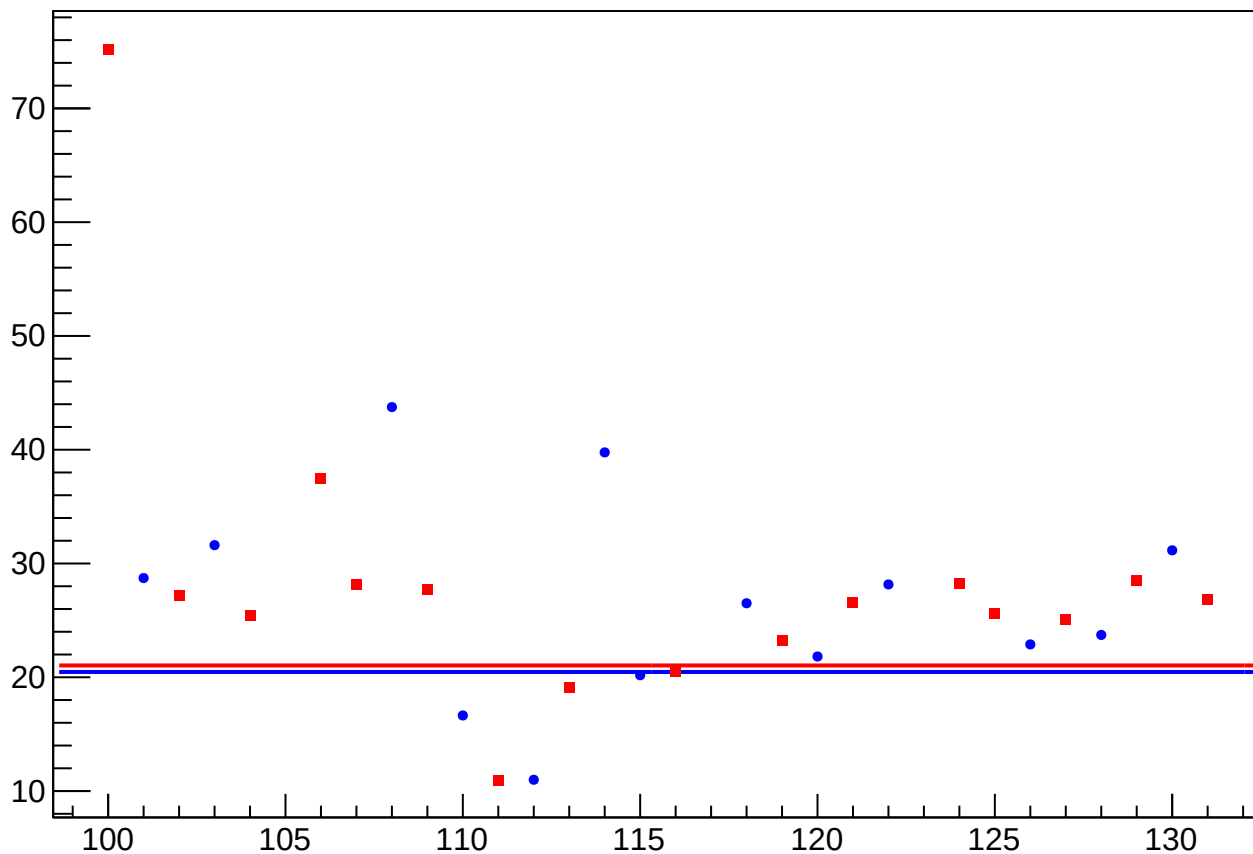
Right: 0.013+/-0.007 χ^2/NDF : 36.9/28

In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.007 χ^2/NDF : 36.9/28

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263267.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

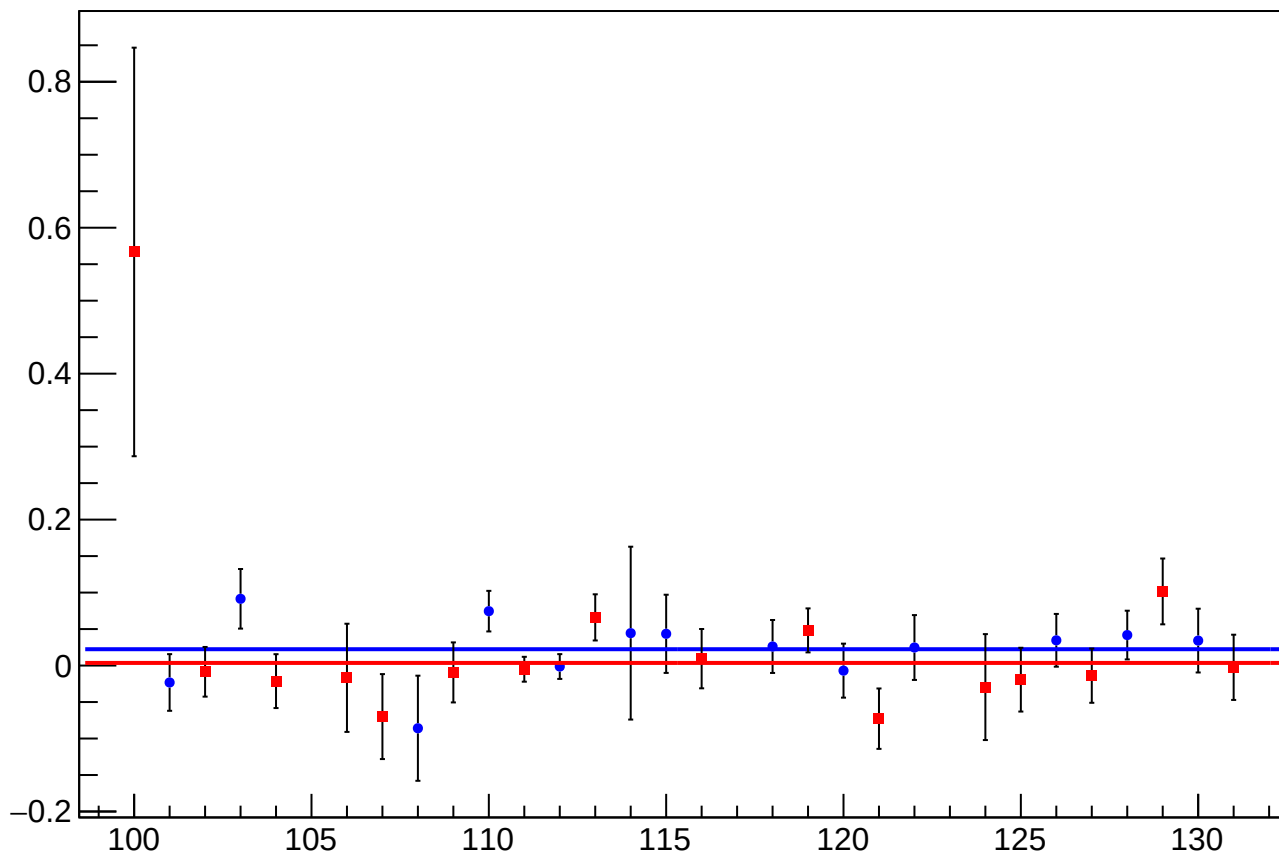
Right: 20.765+/-0.005 χ^2/NDF : 2694235.8/28

In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.765+/-0.005 χ^2/NDF : 2694235.8/28

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 ± 0.010 $\chi^2/\text{NDF}: 13.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.004 ± 0.009 $\chi^2/\text{NDF}: 21.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

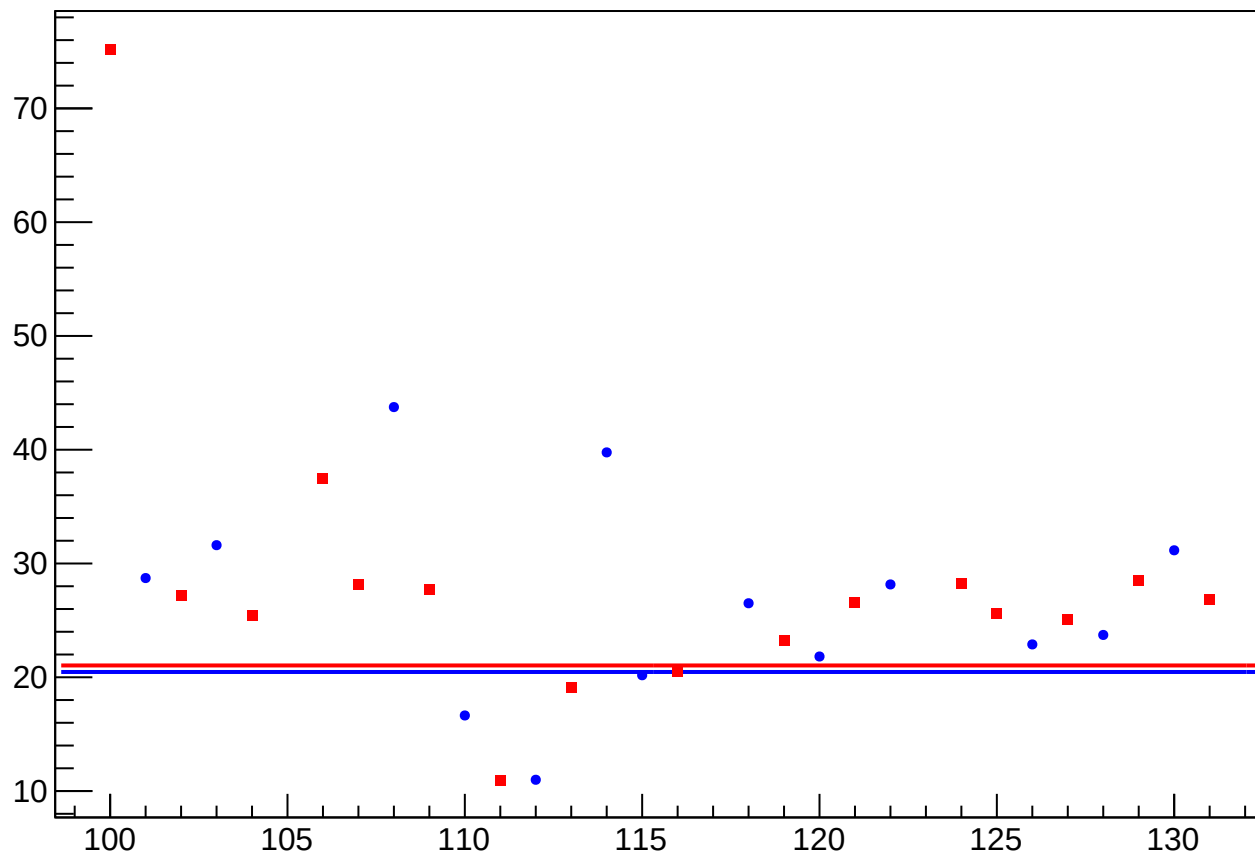
Right: 0.013 ± 0.007 $\chi^2/\text{NDF}: 36.9/28$

In: 0.022 ± 0.010 $\chi^2/\text{NDF}: 13.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.013 ± 0.007 $\chi^2/\text{NDF}: 36.9/28$

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263267.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

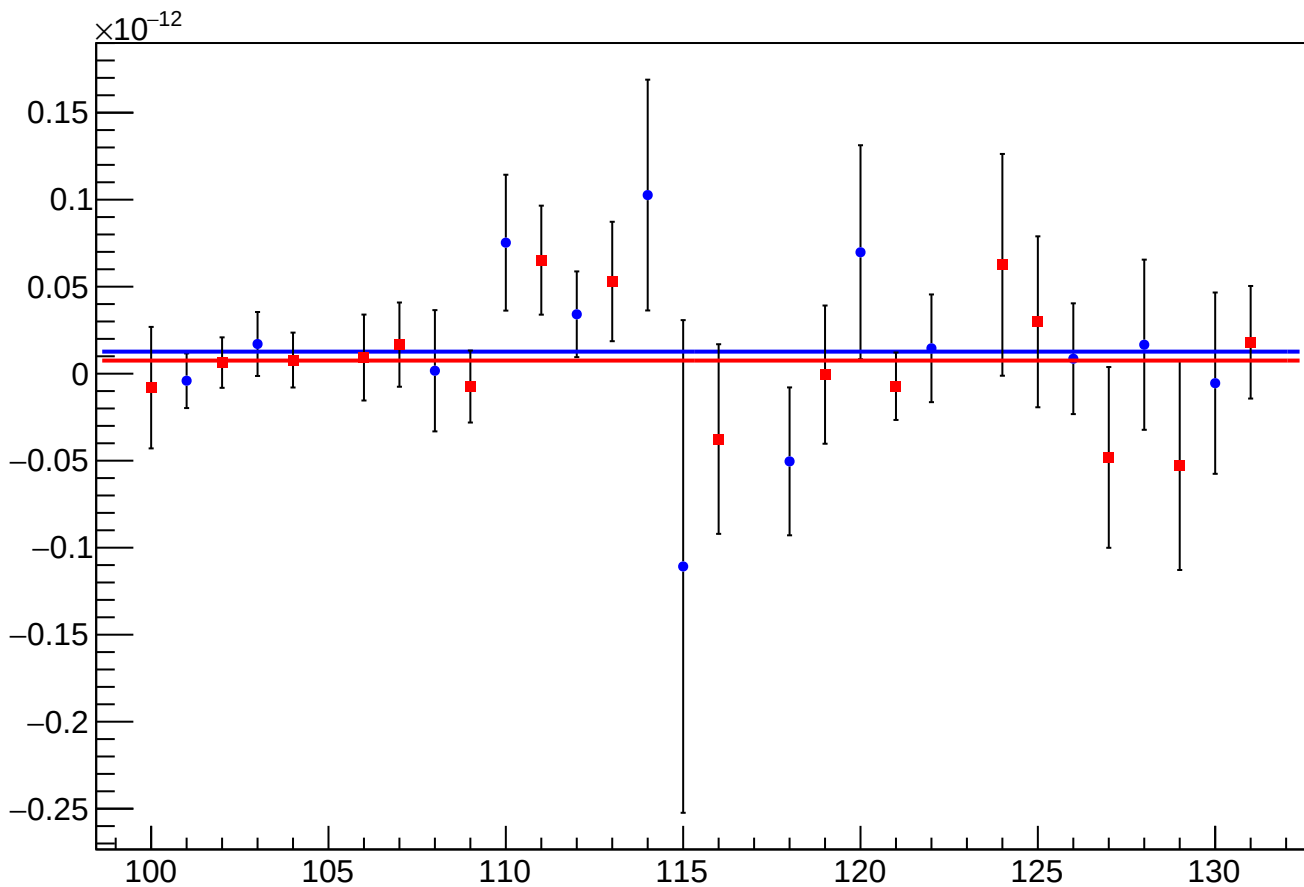
Right: 20.765+/-0.005 χ^2/NDF : 2694235.8/28

In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.765+/-0.005 χ^2/NDF : 2694235.8/28

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/12

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

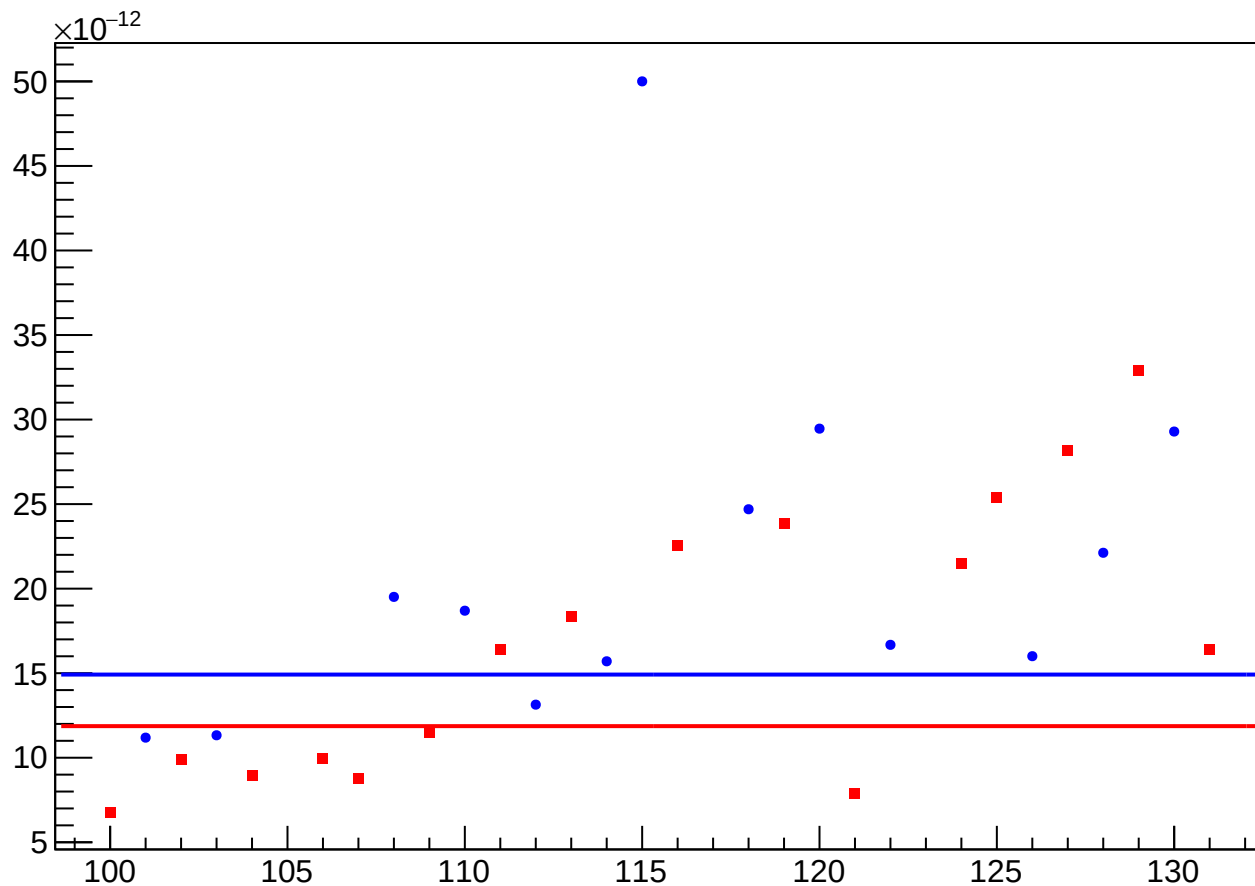
Right: 0.000+/-0.000 χ^2/NDF : 21.2/28

In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/28

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 798215.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1329707.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

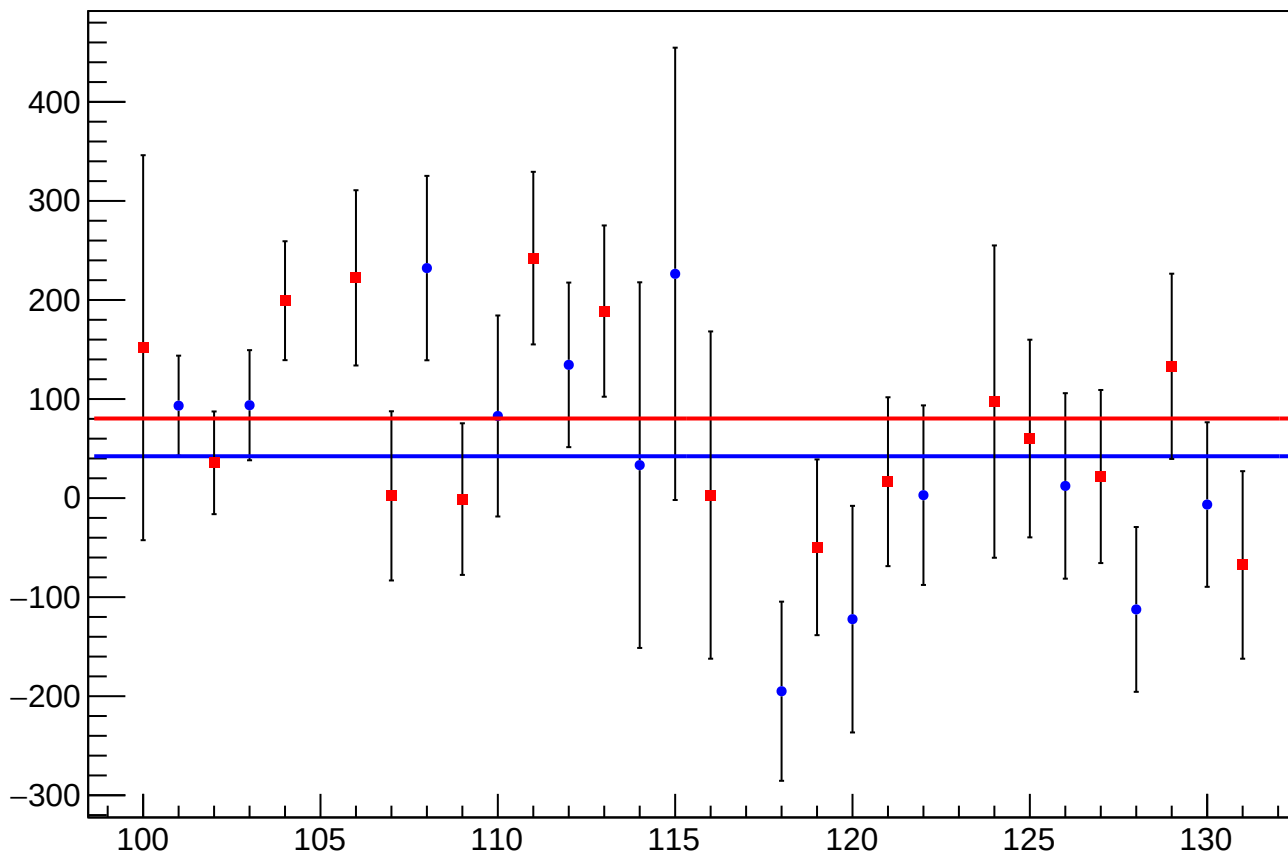
Right: 0.000+/-0.000 χ^2/NDF : 2290307.8/28

In: 0.000+/-0.000 χ^2/NDF : 798215.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2290307.8/28

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 42.245+/-23.279 χ^2/NDF : 21.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.355+/-21.436 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

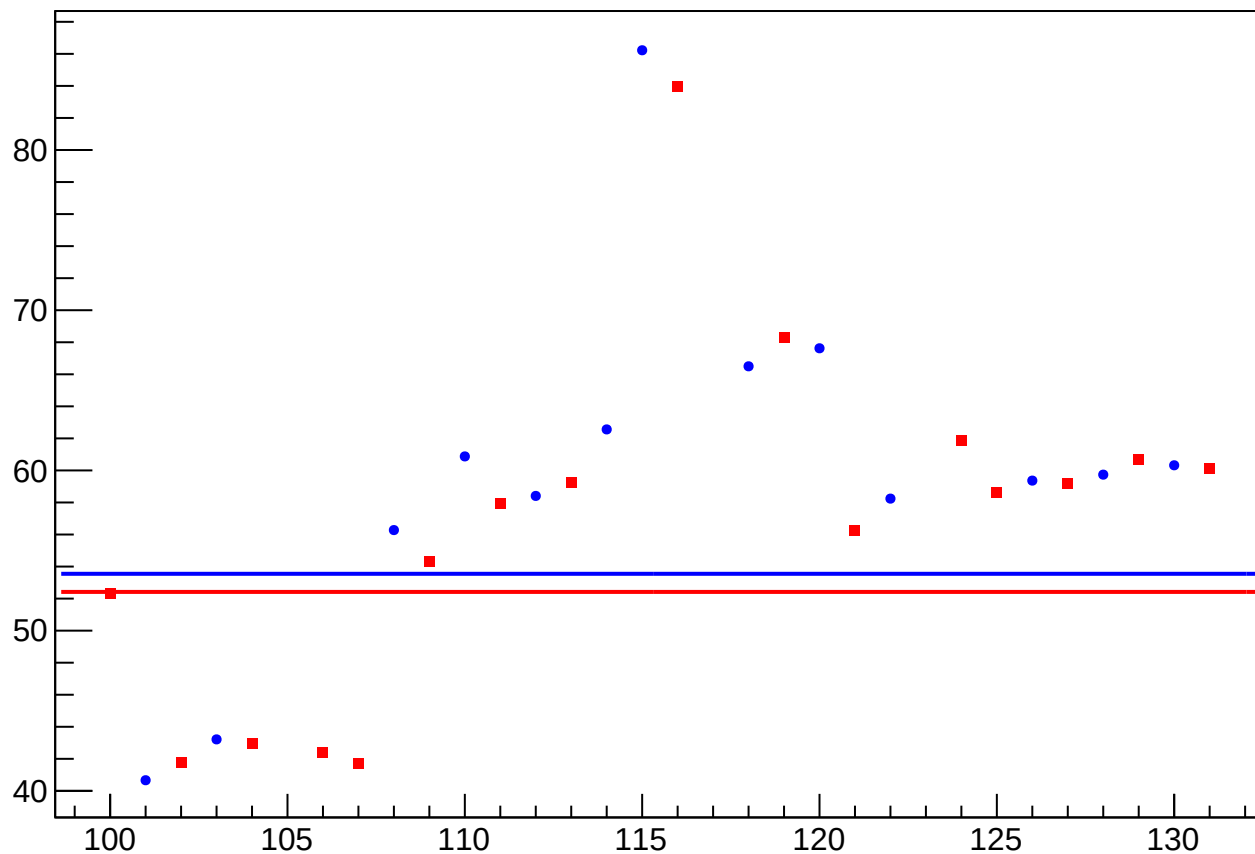
Right: 62.868+/-15.769 χ^2/NDF : 43.1/28

In: 42.245+/-23.279 χ^2/NDF : 21.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.868+/-15.769 χ^2/NDF : 43.1/28

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.549 $\pm$ 0.016 χ^2 /NDF: 372673.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.418 $\pm$ 0.015 χ^2 /NDF: 409618.5/15

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

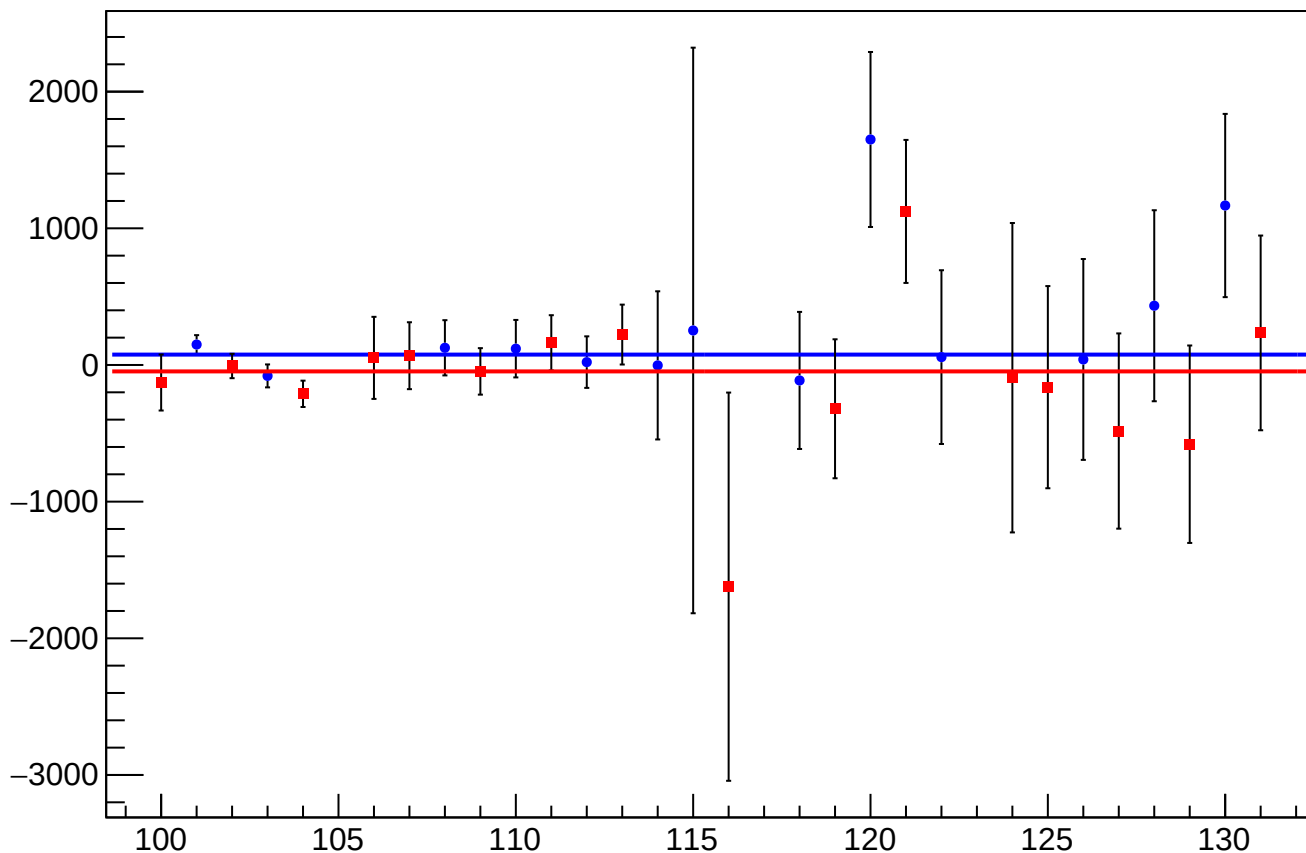
Right: 52.937 $\pm$ 0.011 χ^2 /NDF: 784845.7/28

In: 53.549 $\pm$ 0.016 χ^2 /NDF:372673.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.937 $\pm$ 0.011 χ^2 /NDF: 784845.7/28

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 75.929+/-47.298 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.028+/-51.192 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

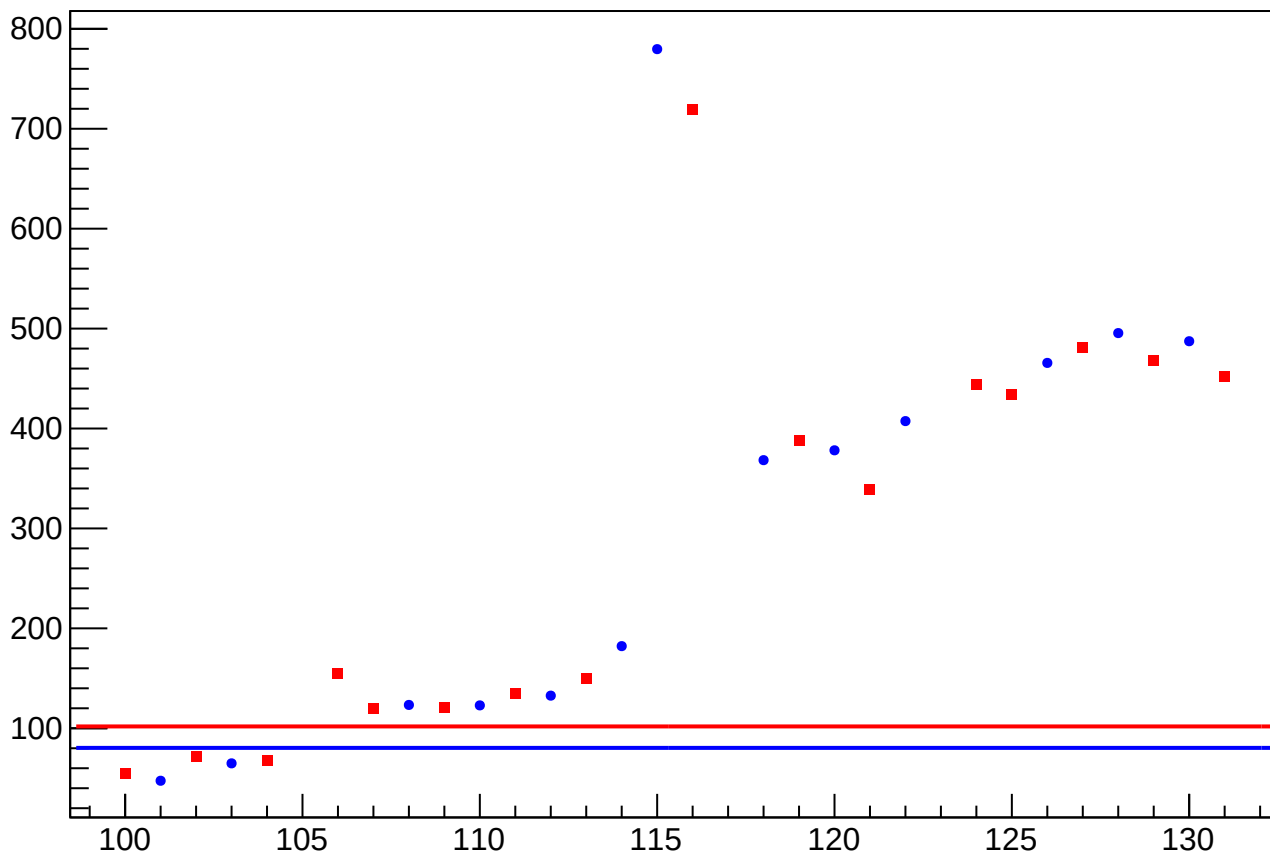
Right: 19.304+/-34.740 χ^2/NDF : 30.8/28

In: 75.929+/-47.298 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.304+/-34.740 χ^2/NDF : 30.8/28

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 80.372+/-0.033 χ^2/NDF : 4764283.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.839+/-0.036 χ^2/NDF : 4413585.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

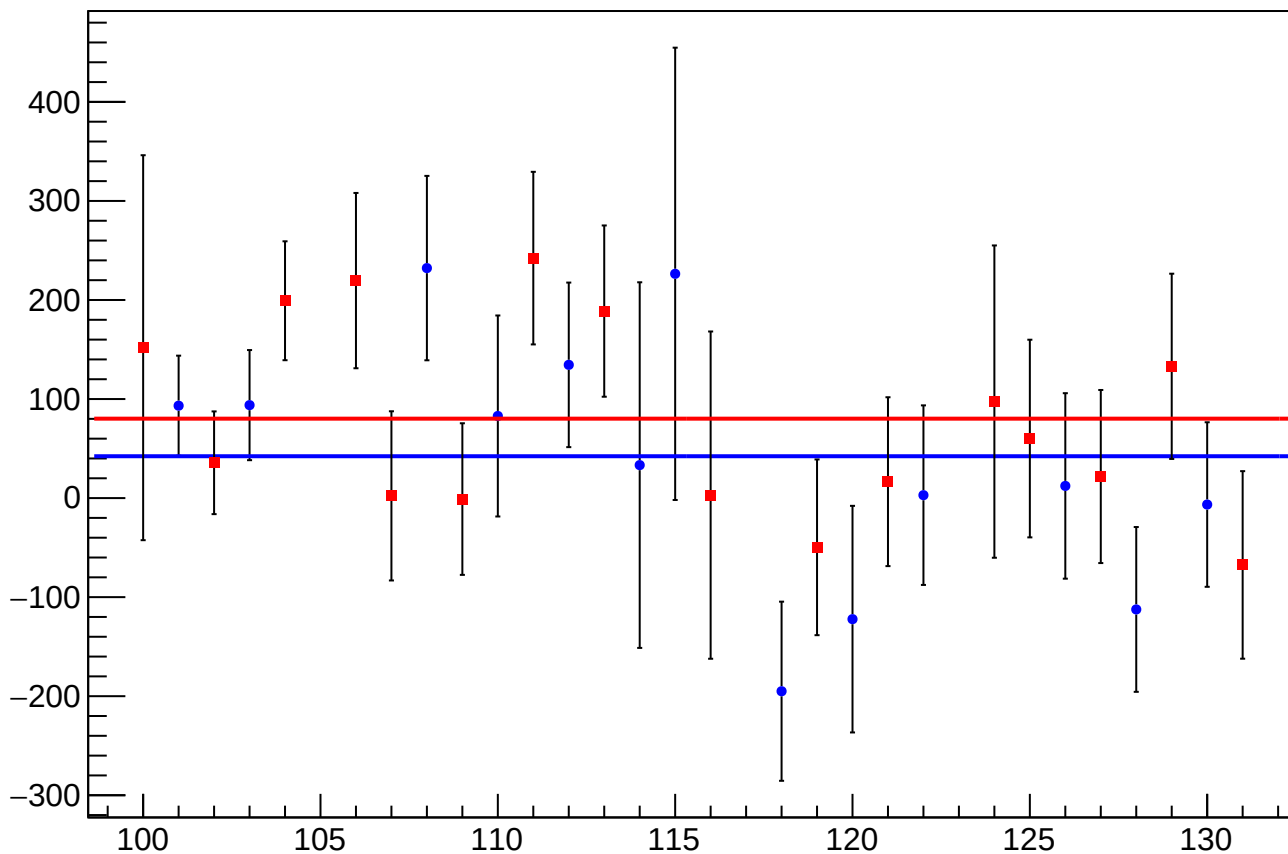
Right: 90.259+/-0.025 χ^2/NDF : 9367597.3/28

In: 80.372+/-0.033 χ^2/NDF :4764283.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.259+/-0.025 χ^2/NDF : 9367597.3/28

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.195+/-21.438 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

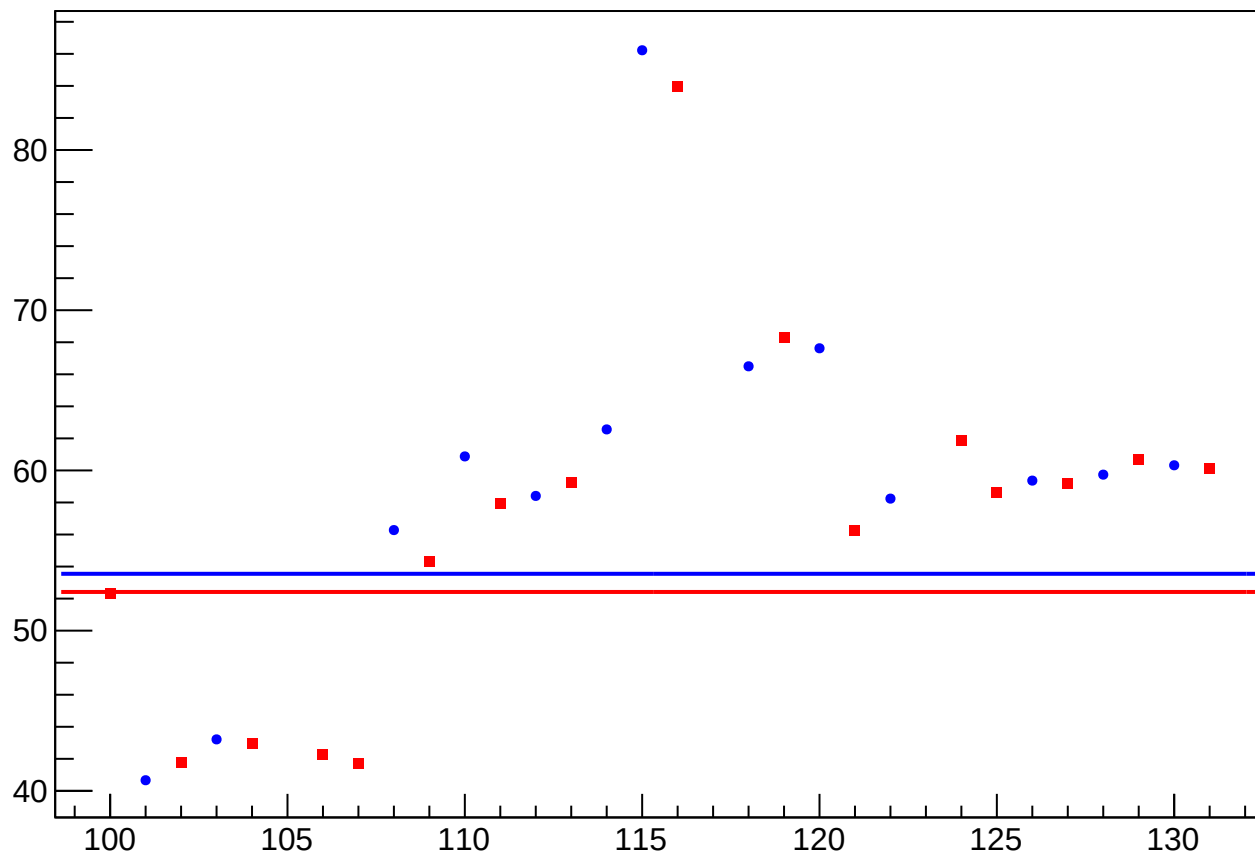
Right: 62.787+/-15.770 χ^2/NDF : 43.0/28

In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.787+/-15.770 χ^2/NDF : 43.0/28

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.415+/-0.015 χ^2/NDF : 409915.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

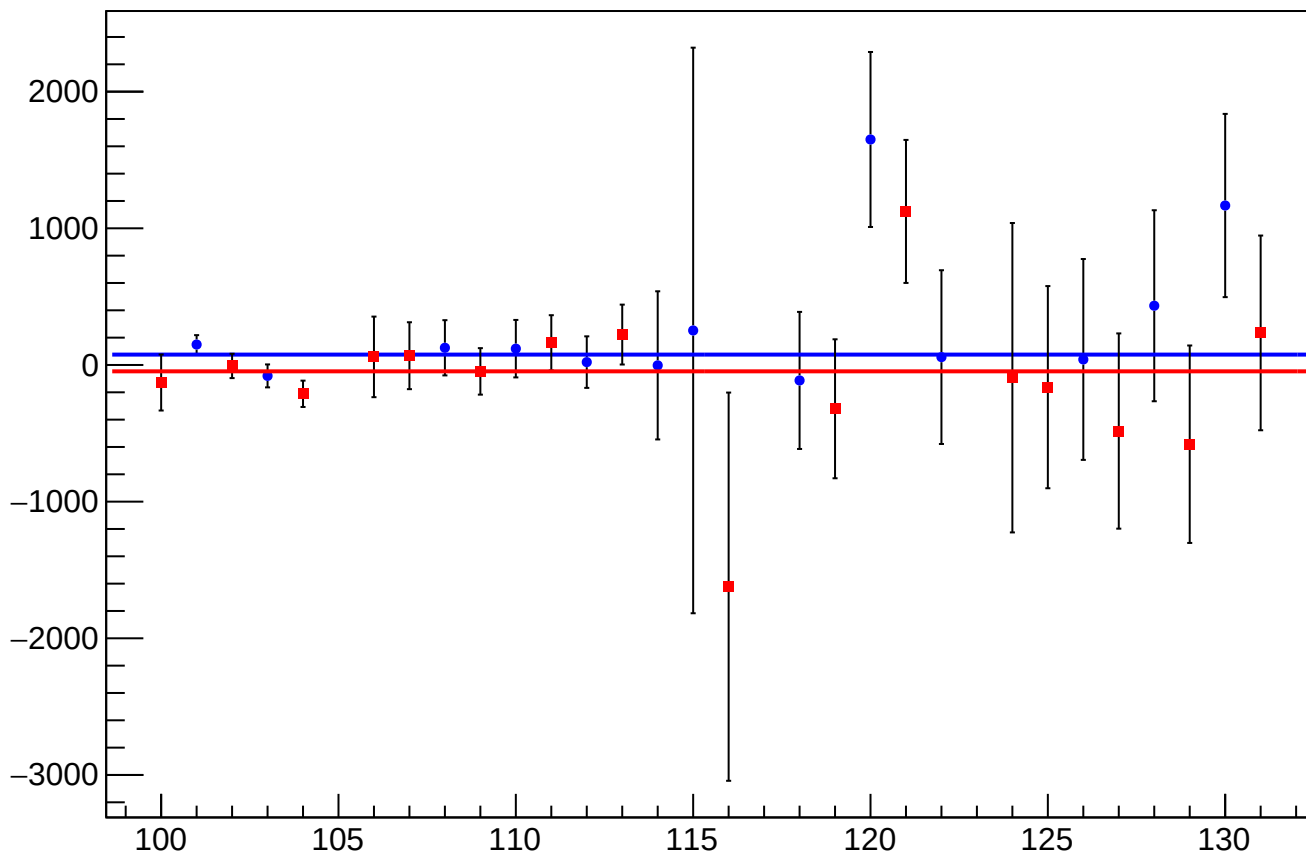
Right: 52.935+/-0.011 χ^2/NDF : 785153.9/28

In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.935+/-0.011 χ^2/NDF : 785153.9/28

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.535+/-51.147 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

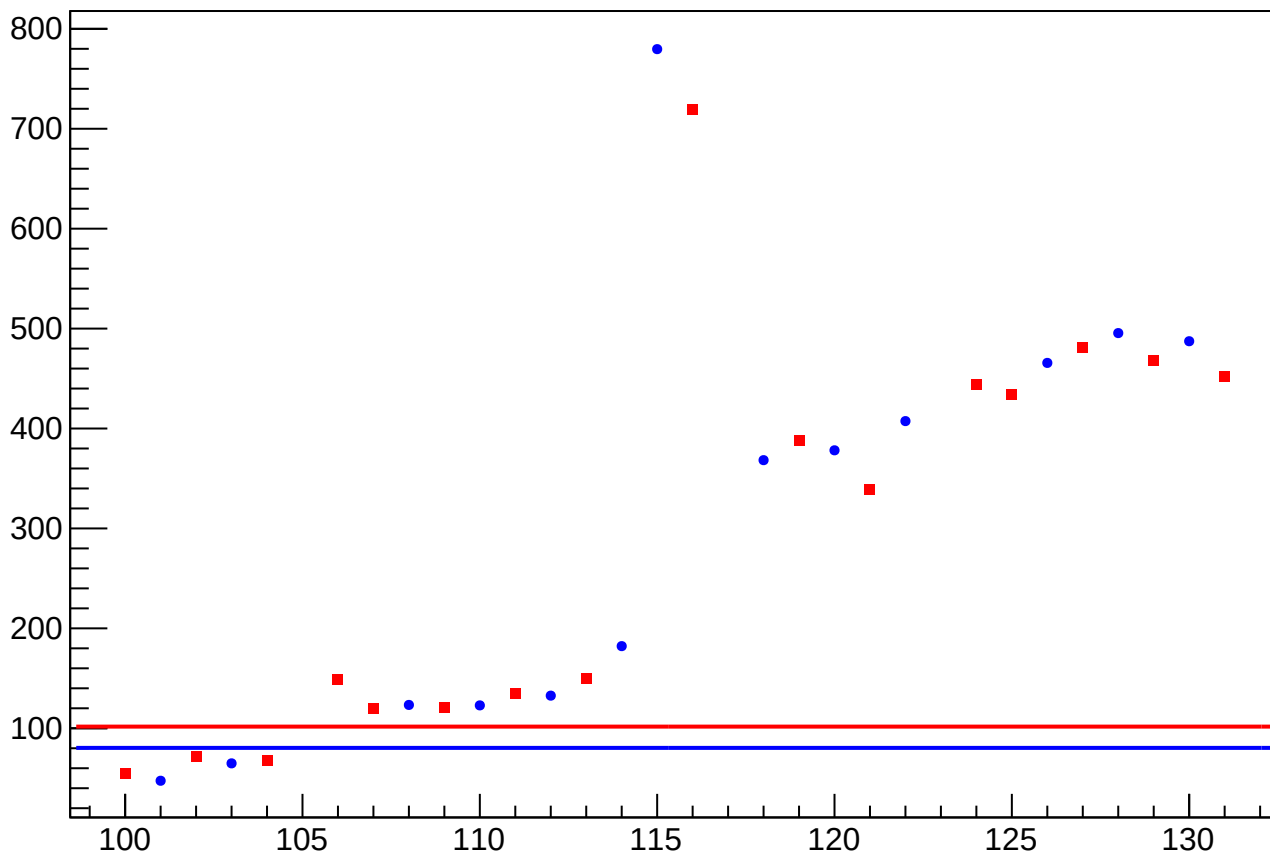
Right: 19.481+/-34.726 χ^2/NDF : 30.8/28

In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.481+/-34.726 χ^2/NDF : 30.8/28

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.666+/-0.036 χ^2/NDF : 4403815.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

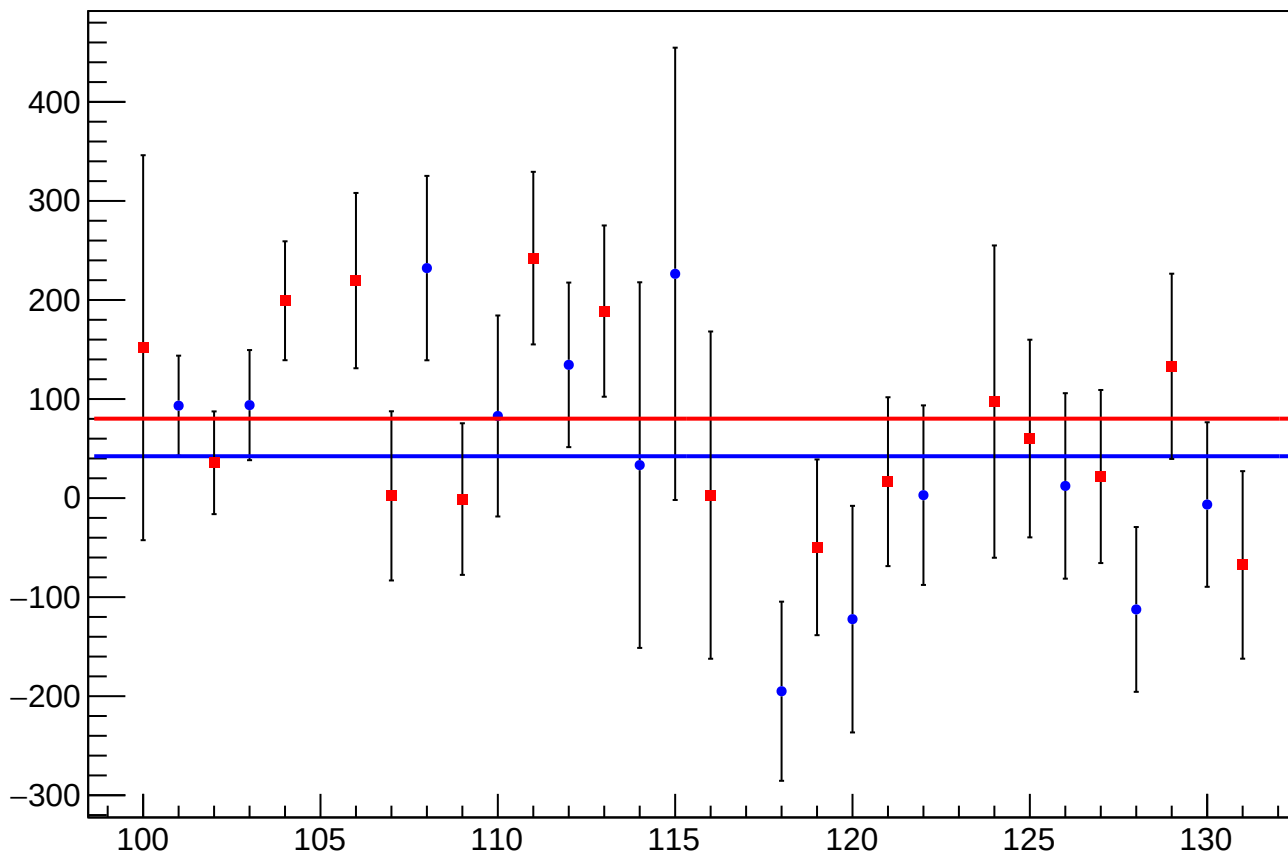
Right: 90.187+/-0.025 χ^2/NDF : 9355038.0/28

In: 80.370+/-0.033 χ^2/NDF :4764327.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.187+/-0.025 χ^2/NDF : 9355038.0/28

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.195+/-21.438 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

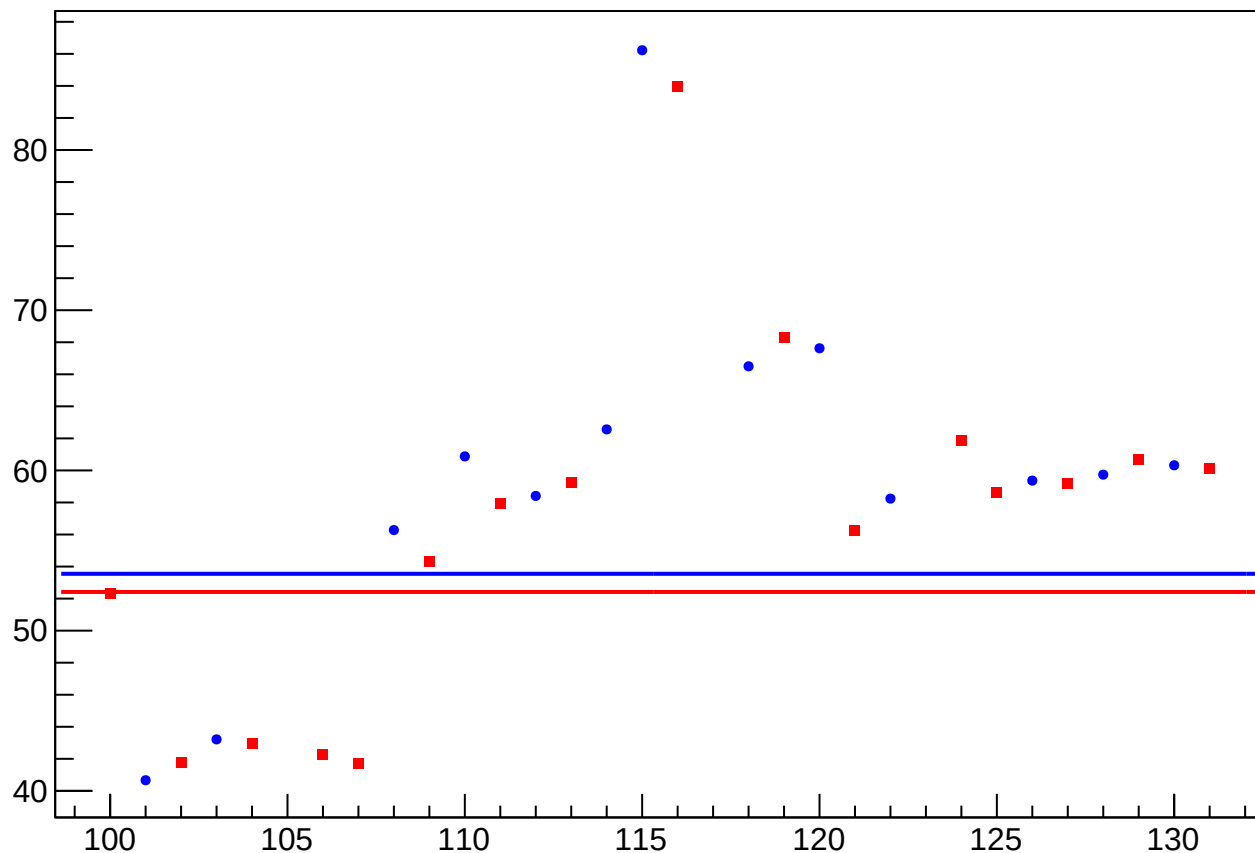
Right: 62.787+/-15.770 χ^2/NDF : 43.0/28

In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.787+/-15.770 χ^2/NDF : 43.0/28

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.415+/-0.015 χ^2/NDF : 409915.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

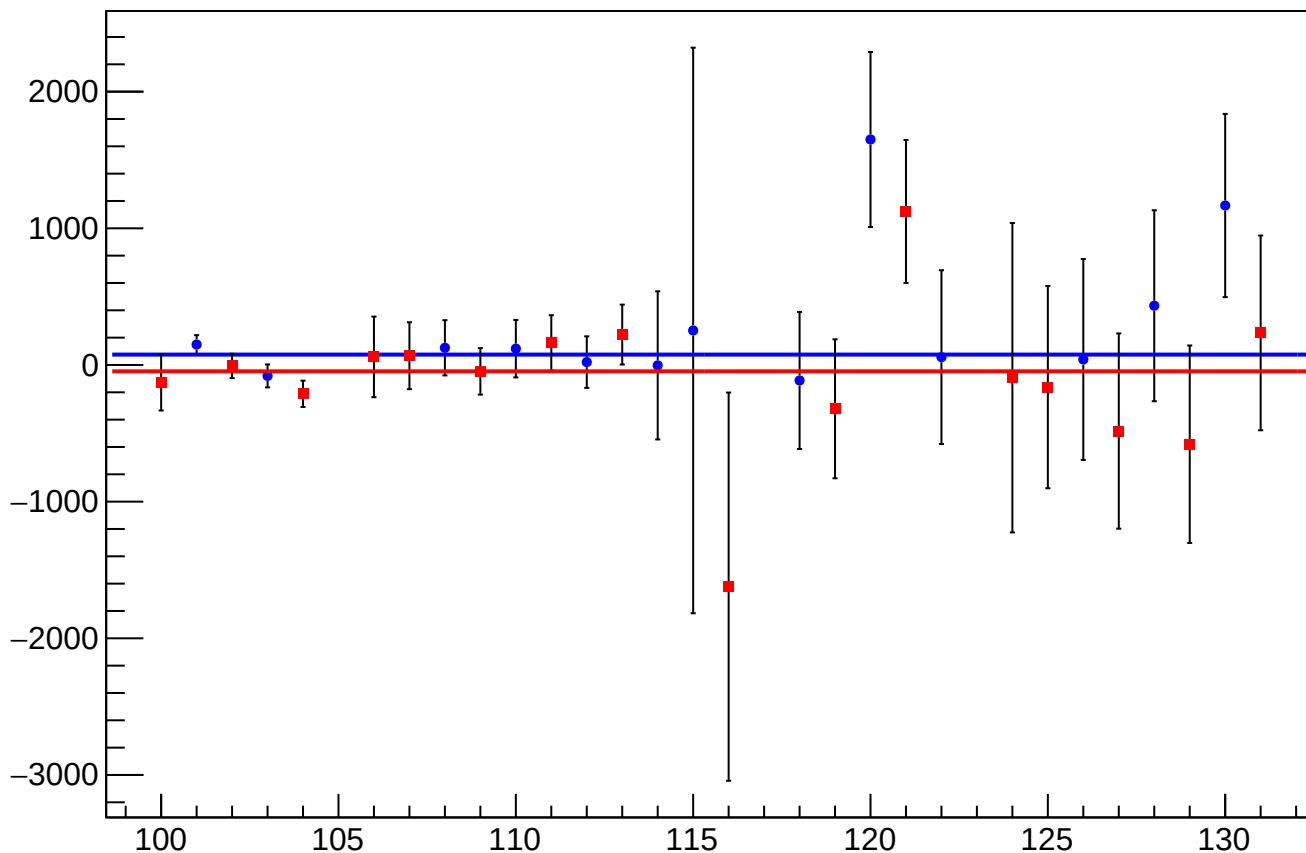
Right: 52.935+/-0.011 χ^2/NDF : 785153.9/28

In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.935+/-0.011 χ^2/NDF : 785153.9/28

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.535+/-51.147 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

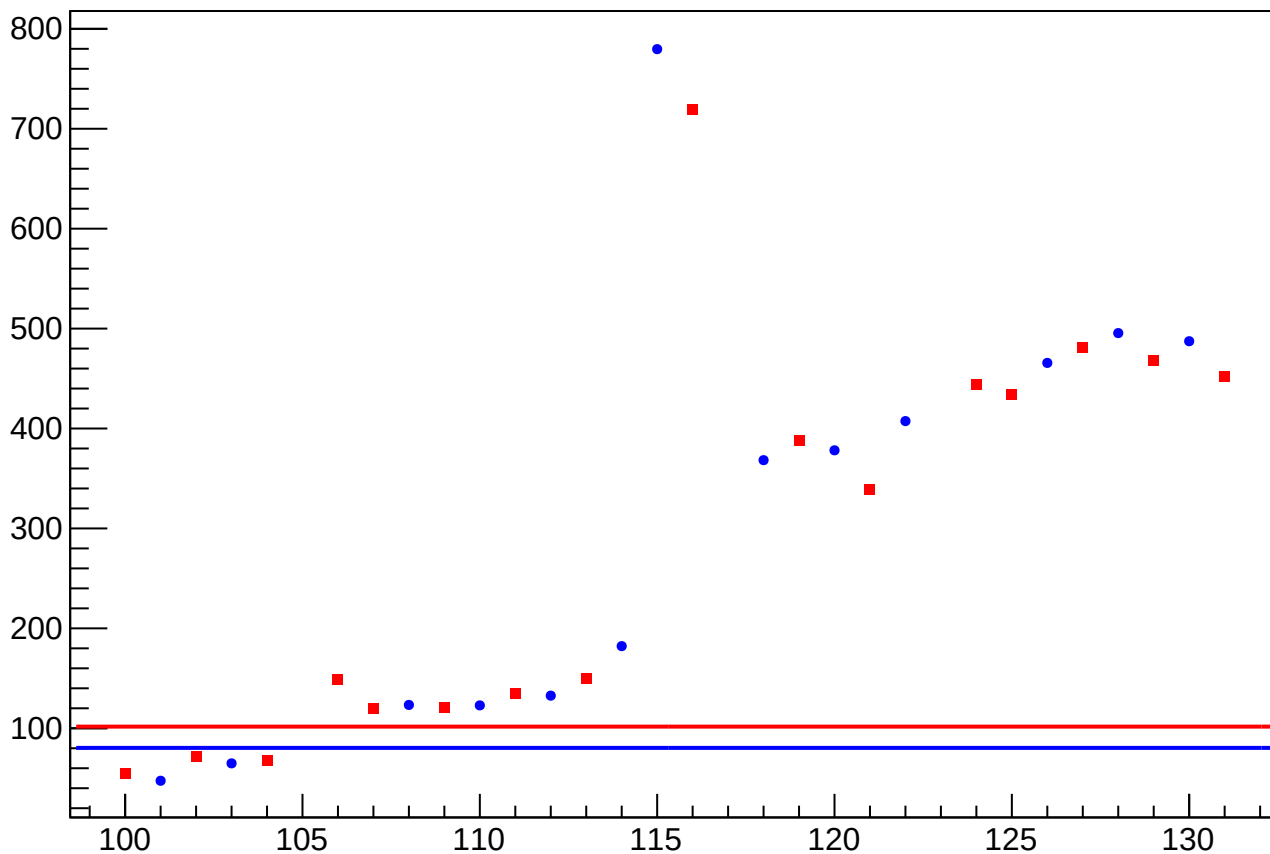
Right: 19.481+/-34.726 χ^2/NDF : 30.8/28

In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.481+/-34.726 χ^2/NDF : 30.8/28

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.666+/-0.036 χ^2/NDF : 4403815.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

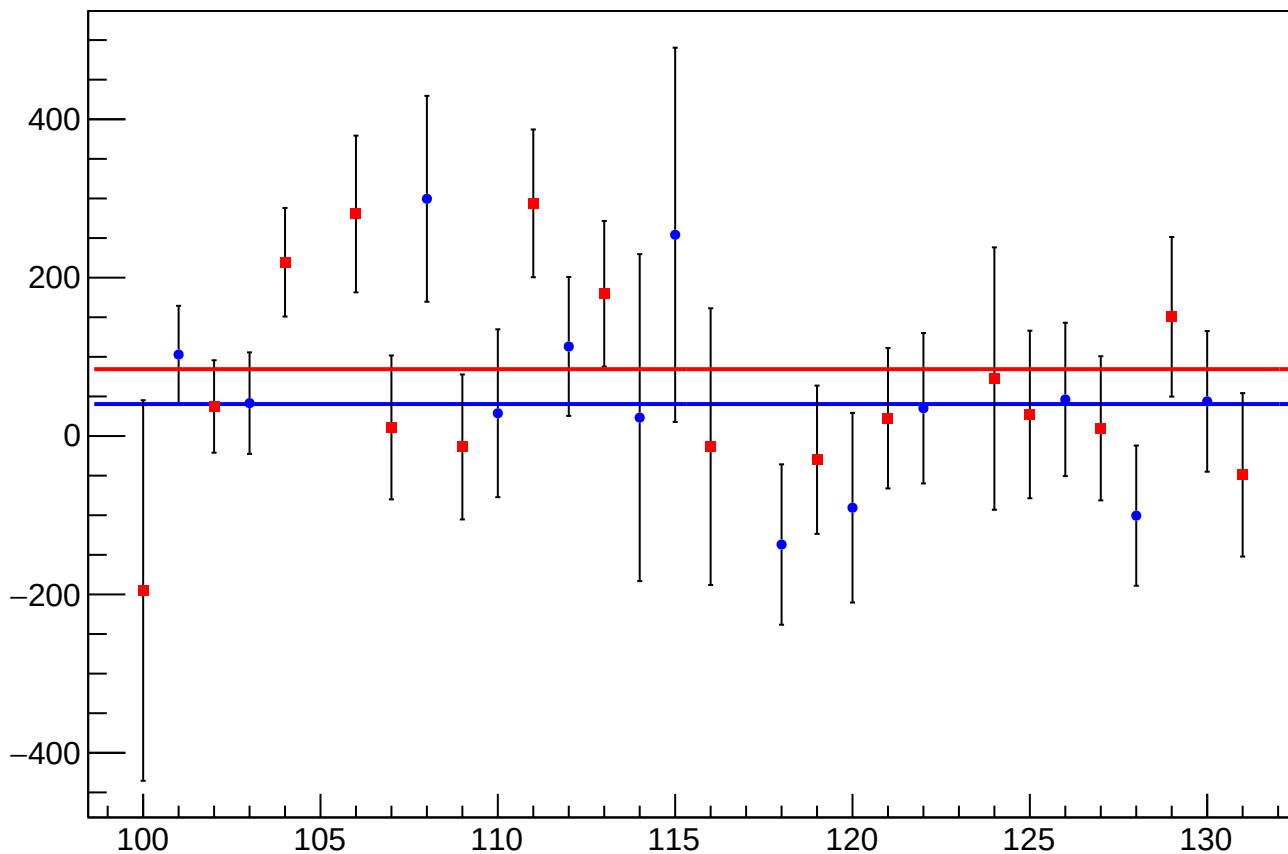
Right: 90.187+/-0.025 χ^2/NDF : 9355038.0/28

In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.187+/-0.025 χ^2/NDF : 9355038.0/28

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.382+/-26.119 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.452+/-23.492 χ^2/NDF : 23.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

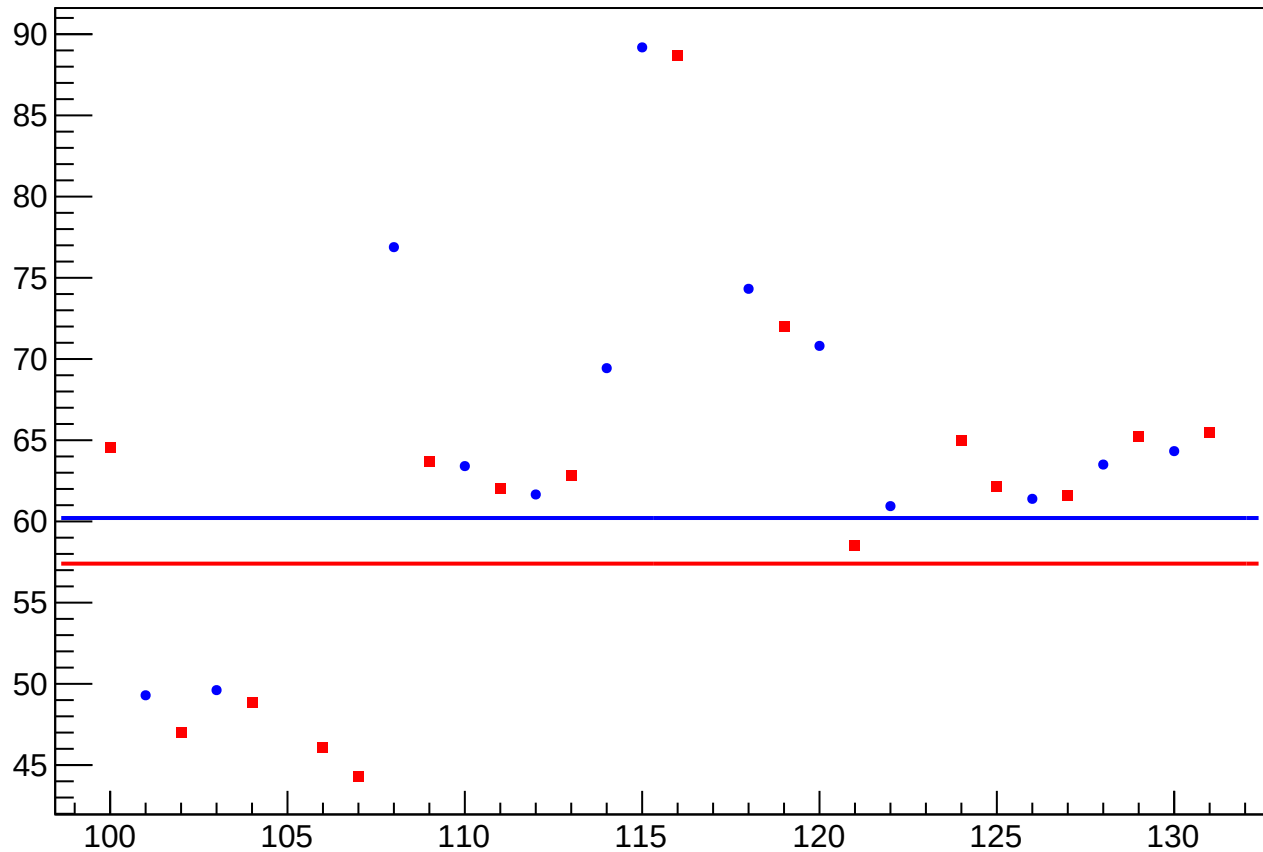
Right: 64.744+/-17.467 χ^2/NDF : 38.0/28

In: 40.382+/-26.119 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.744+/-17.467 χ^2/NDF : 38.0/28

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.211+/-0.018 χ^2/NDF : 248843.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 57.402+/-0.017 χ^2/NDF : 335644.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

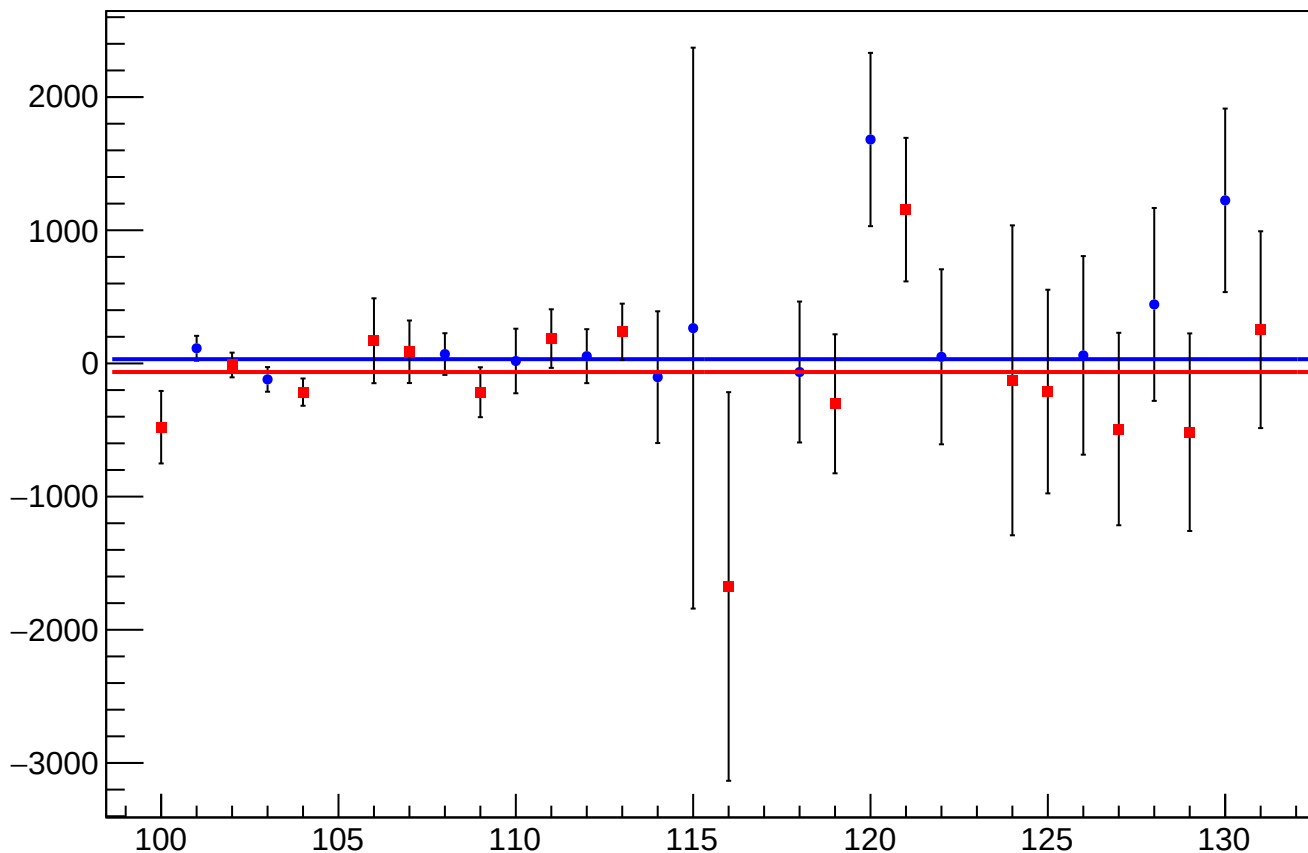
Right: 58.658+/-0.012 χ^2/NDF : 597276.5/28

In: 60.211+/-0.018 χ^2/NDF :248843.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.658+/-0.012 χ^2/NDF : 597276.5/28

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.517+/-54.240 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

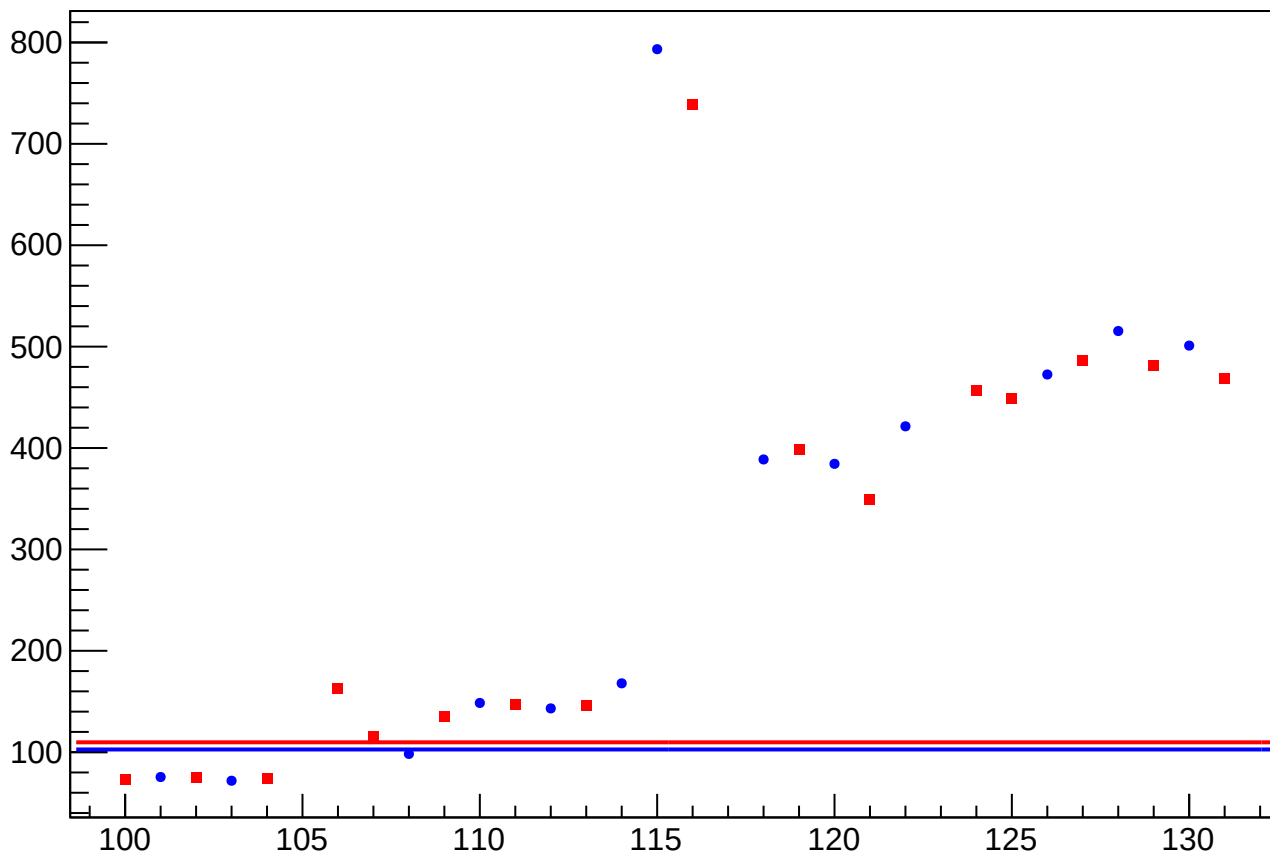
Right: -16.816+/-38.565 χ^2/NDF : 32.2/28

In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.816+/-38.565 χ^2/NDF : 32.2/28

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 102.682+/-0.039 χ^2/NDF : 4035615.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.743+/-0.038 χ^2/NDF : 4248411.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

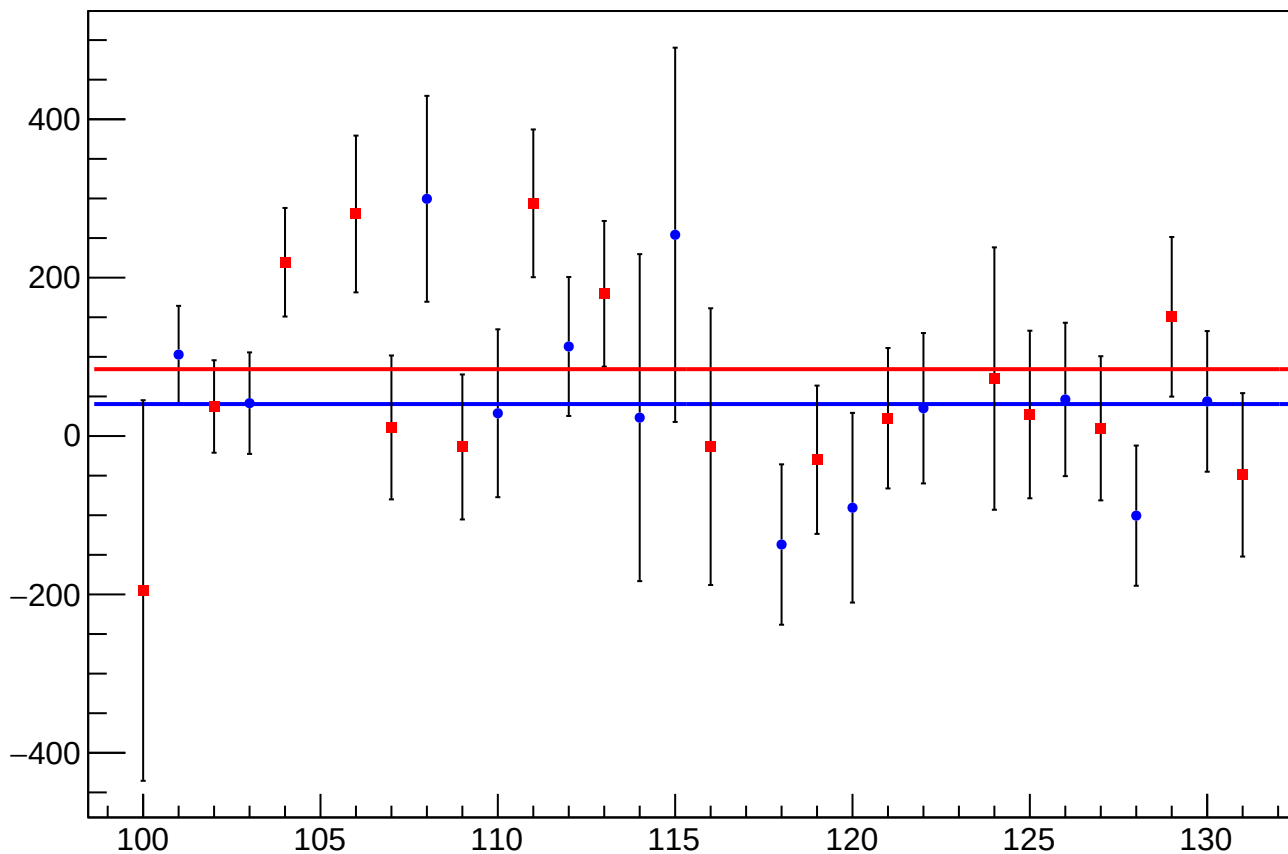
Right: 106.252+/-0.027 χ^2/NDF : 8300789.1/28

In: 102.682+/-0.039 χ^2/NDF : 4035615.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.252+/-0.027 χ^2/NDF : 8300789.1/28

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.381+/-26.119 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.452+/-23.492 χ^2/NDF : 23.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

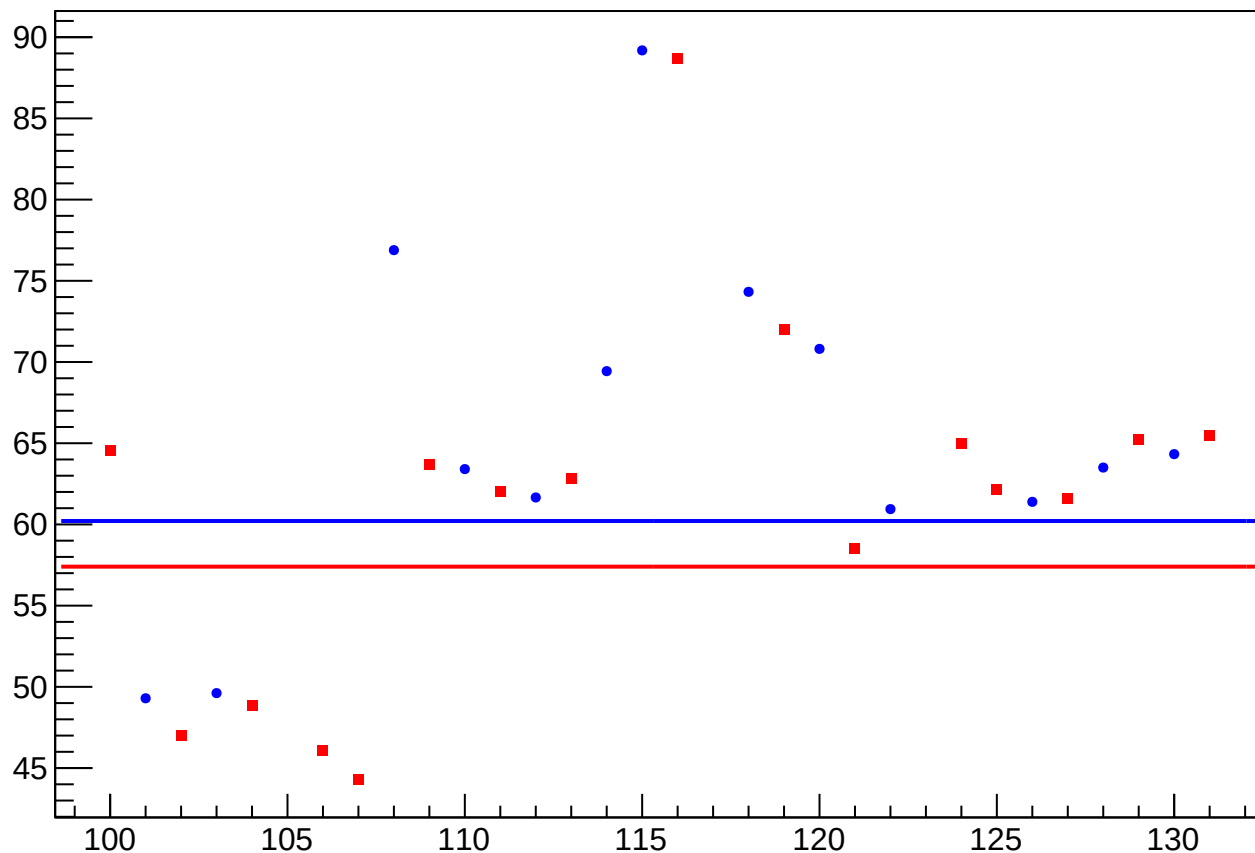
Right: 64.743+/-17.467 χ^2/NDF : 38.0/28

In: 40.381+/-26.119 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.743+/-17.467 χ^2/NDF : 38.0/28

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.211+/-0.018 χ^2/NDF : 248842.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 57.402+/-0.017 χ^2/NDF : 335641.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

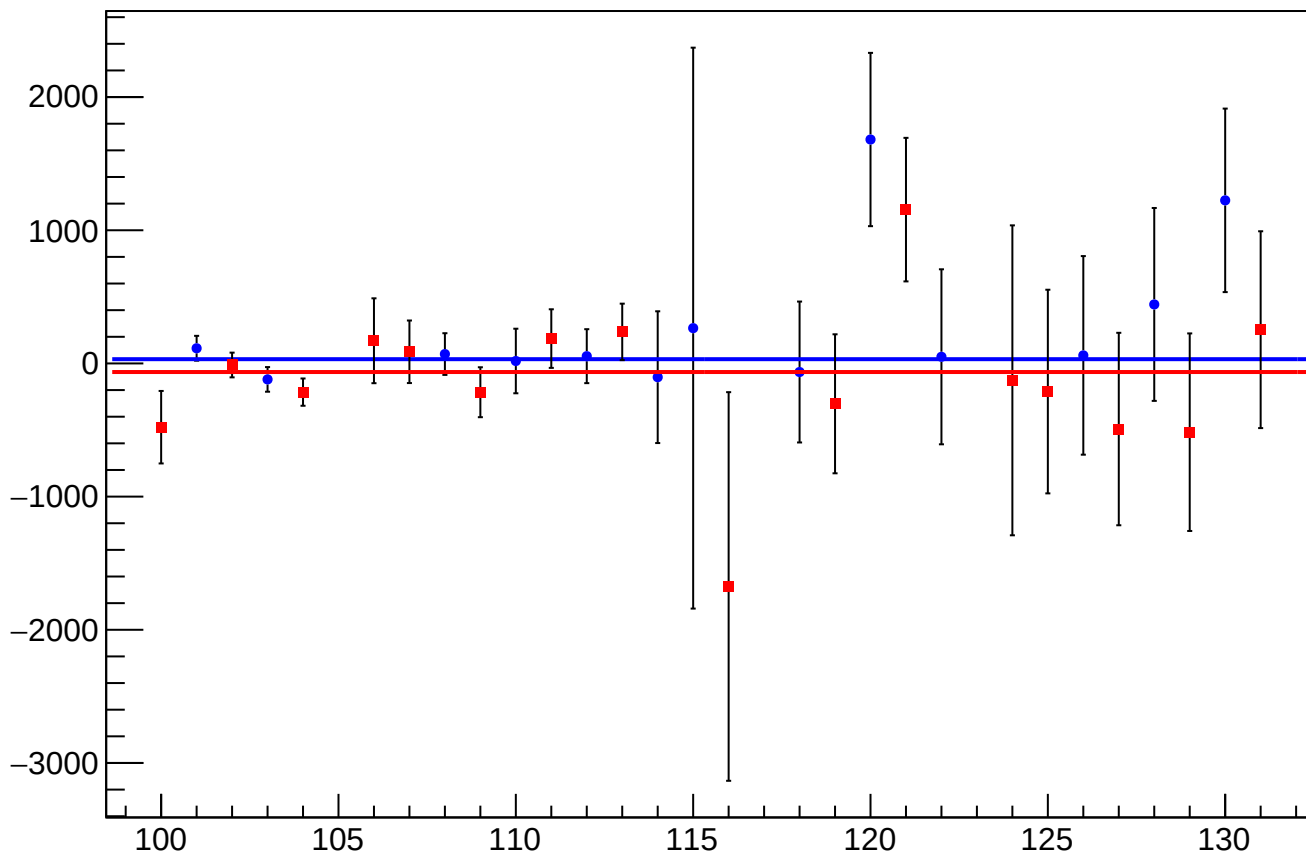
Right: 58.658+/-0.012 χ^2/NDF : 597271.9/28

In: 60.211+/-0.018 χ^2/NDF :248842.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.658+/-0.012 χ^2/NDF : 597271.9/28

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.516+/-54.240 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

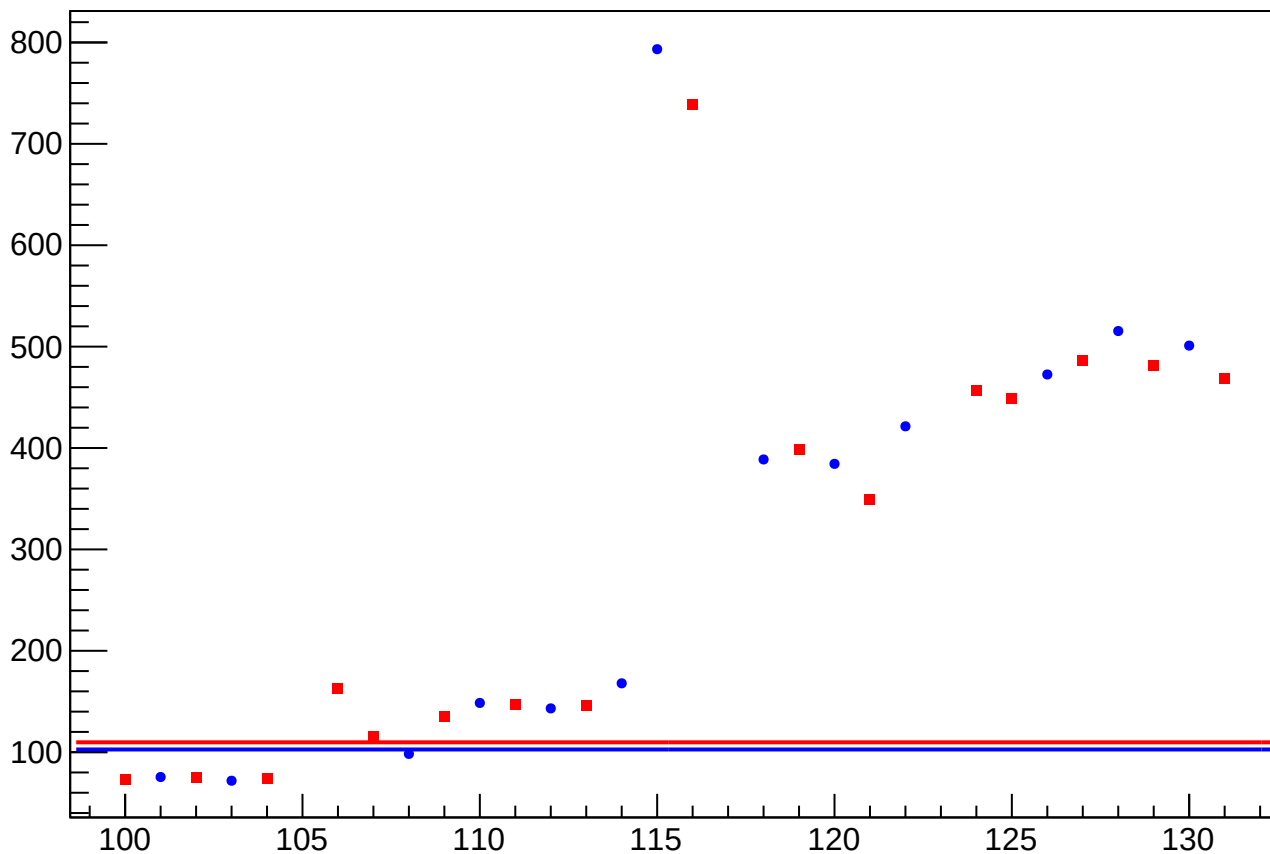
Right: -16.816+/-38.565 χ^2/NDF : 32.2/28

In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.816+/-38.565 χ^2/NDF : 32.2/28

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 102.681+/-0.039 χ^2/NDF : 4035616.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.743+/-0.038 χ^2/NDF : 4248415.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

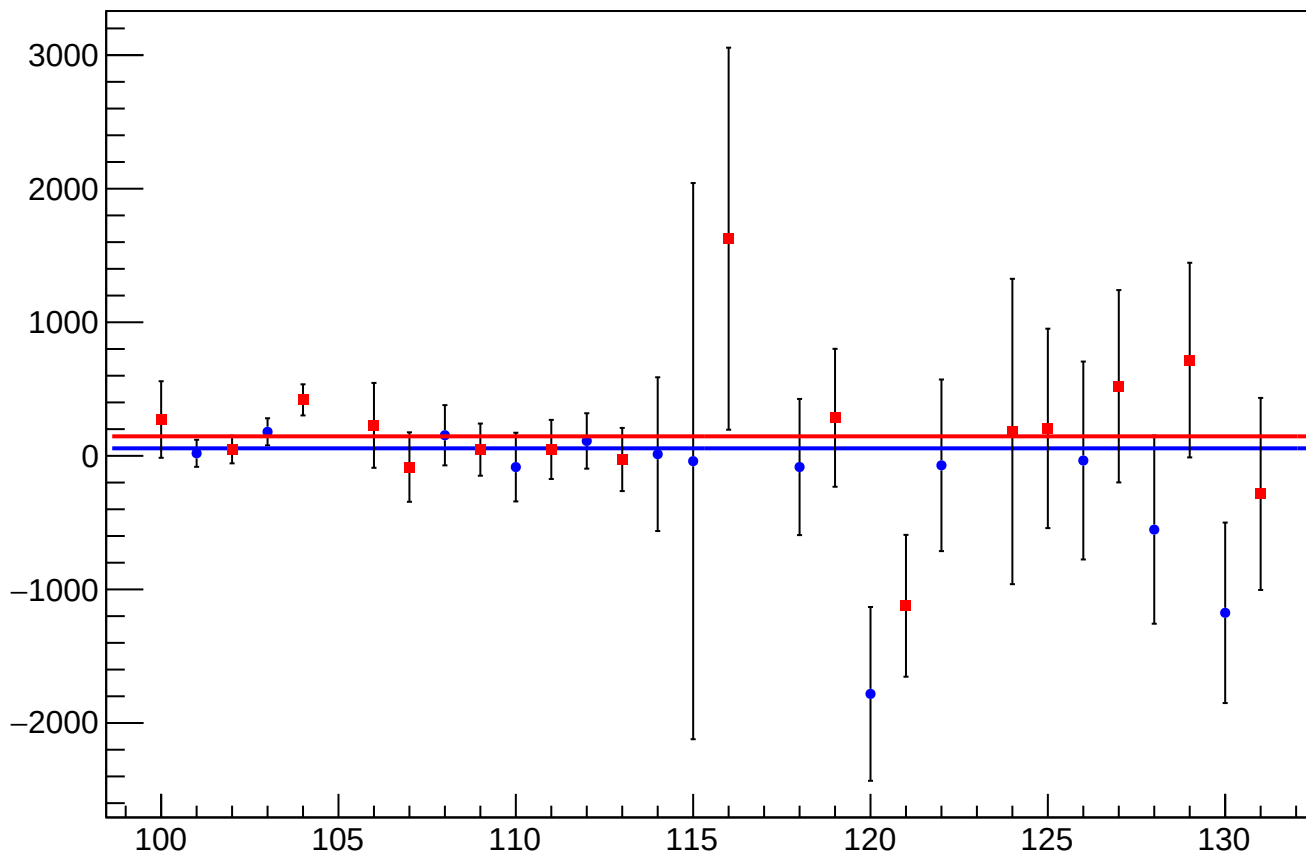
Right: 106.251+/-0.027 χ^2/NDF : 8300793.9/28

In: 102.681+/-0.039 χ^2/NDF : 4035616.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.251+/-0.027 χ^2/NDF : 8300793.9/28

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 56.359+/-60.835 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.027+/-59.278 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

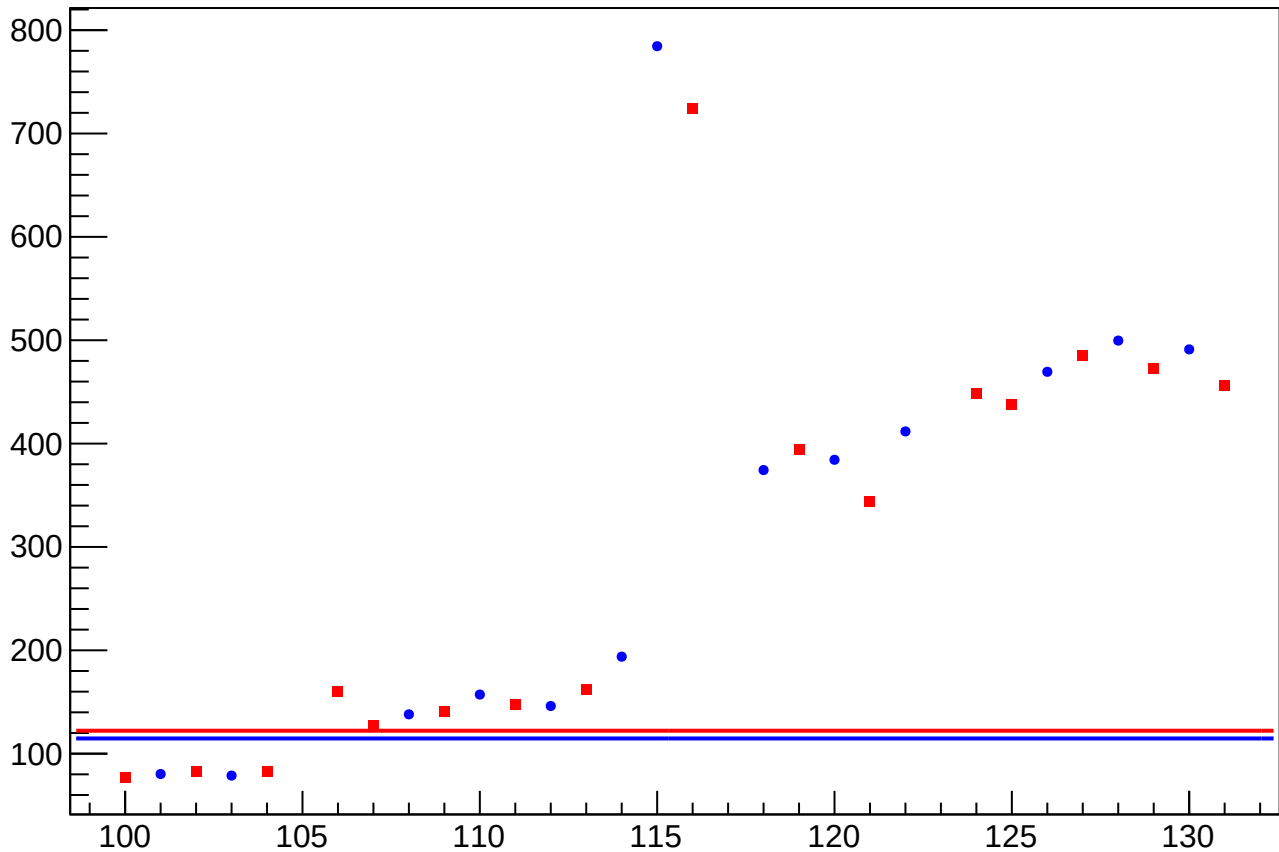
Right: 102.354+/-42.456 χ^2/NDF : 32.0/28

In: 56.359+/-60.835 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.354+/-42.456 χ^2/NDF : 32.0/28

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 114.710+/-0.043 χ^2/NDF : 3814106.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.207+/-0.042 χ^2/NDF : 3878375.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

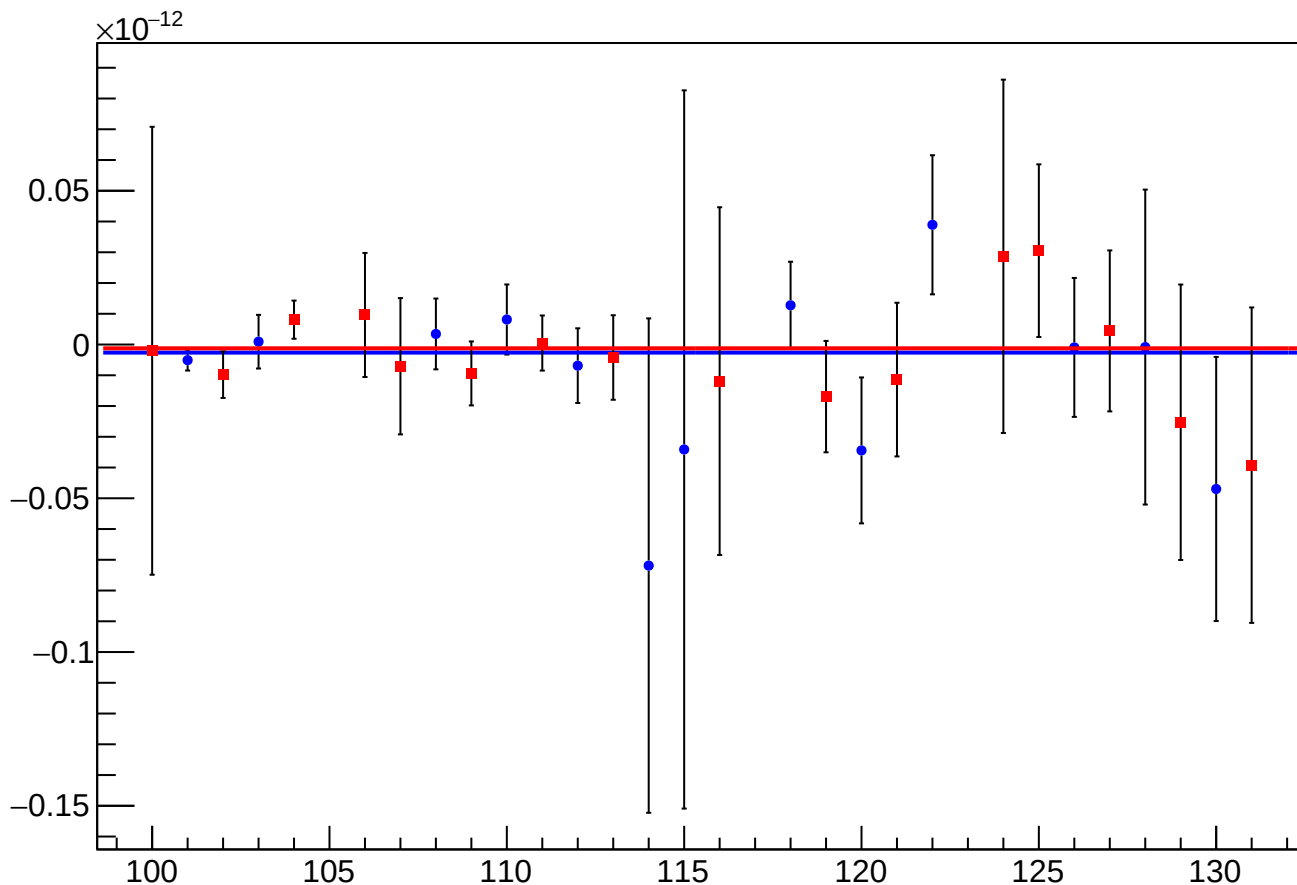
Right: 118.556+/-0.030 χ^2/NDF : 7708065.2/28

In: 114.710+/-0.043 χ^2/NDF : 3814106.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.556+/-0.030 χ^2/NDF : 7708065.2/28

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

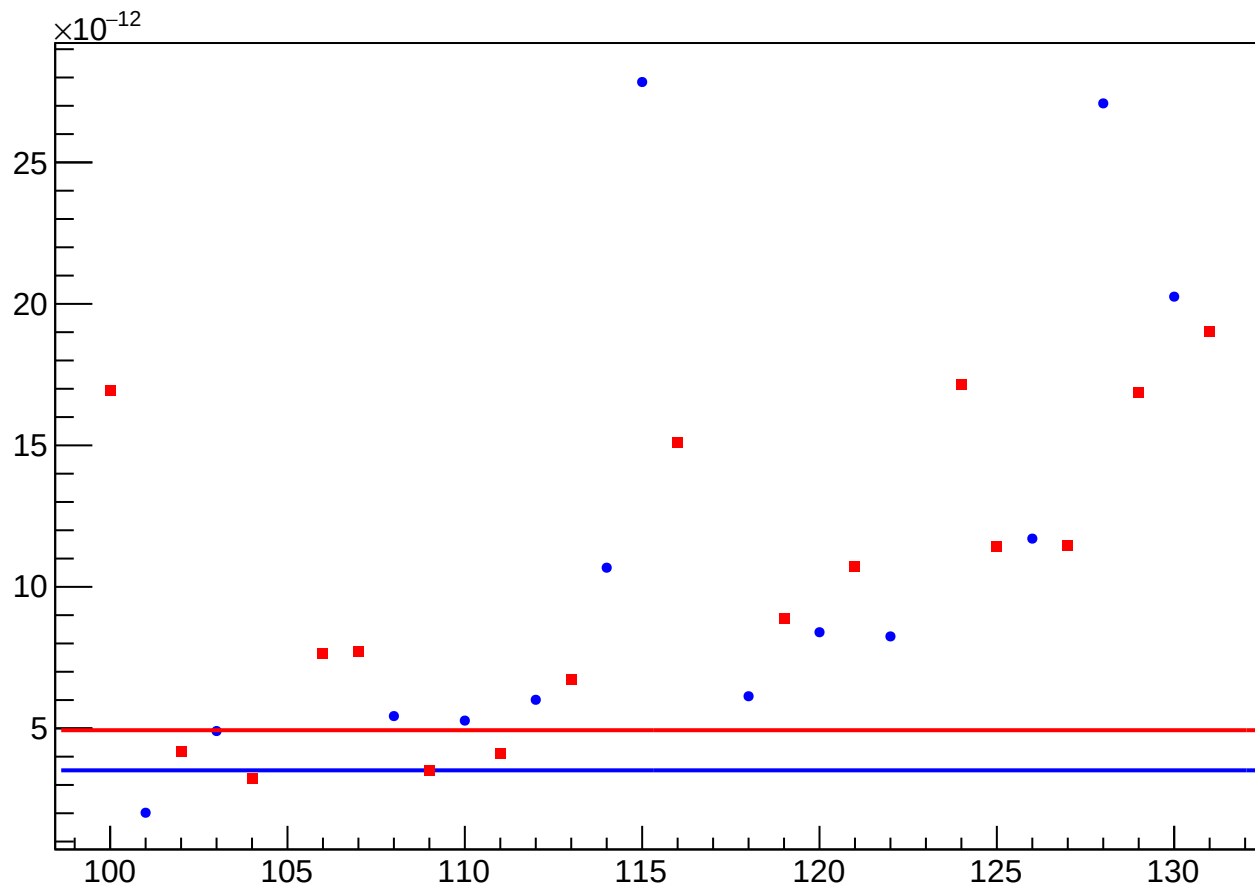
Right: -0.000+/-0.000 χ^2/NDF : 18.3/28

In: -0.000+/-0.000 χ^2/NDF : 10.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/28

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1964433.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1266253.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

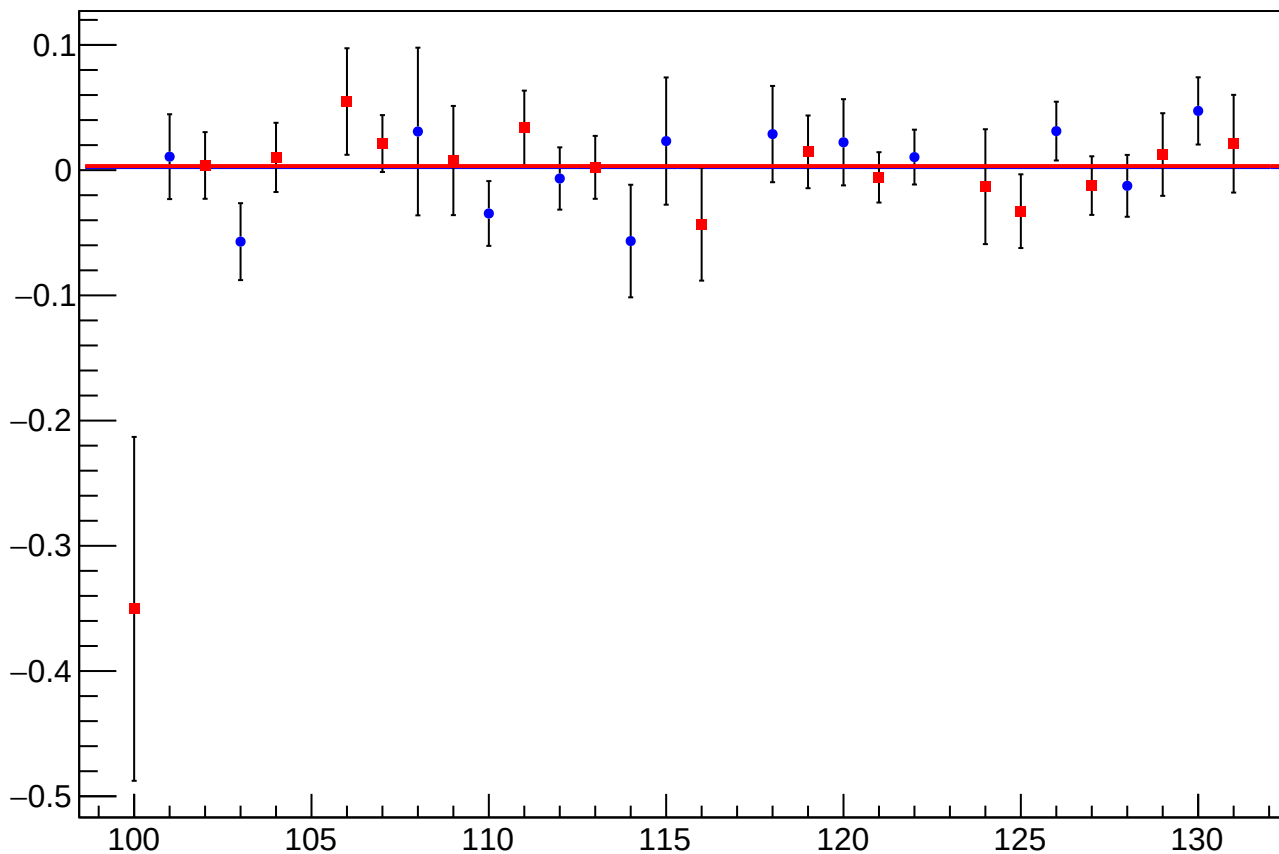
Right: 0.000+/-0.000 χ^2/NDF : 3438712.2/28

In: 0.000+/-0.000 χ^2/NDF : 1964433.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3438712.2/28

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

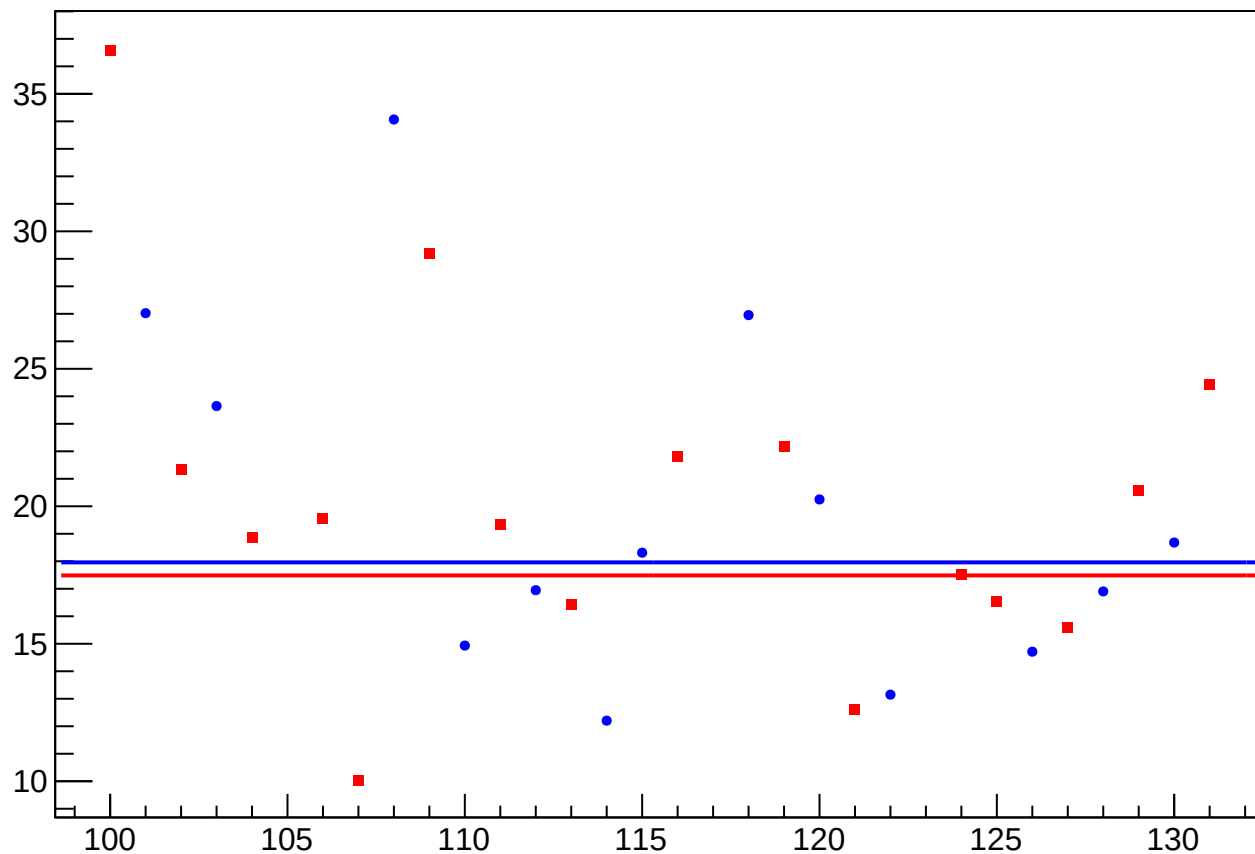
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960 $\pm$ 0.006 χ^2 /NDF: 649256.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.486 $\pm$ 0.005 χ^2 /NDF: 744987.0/15

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

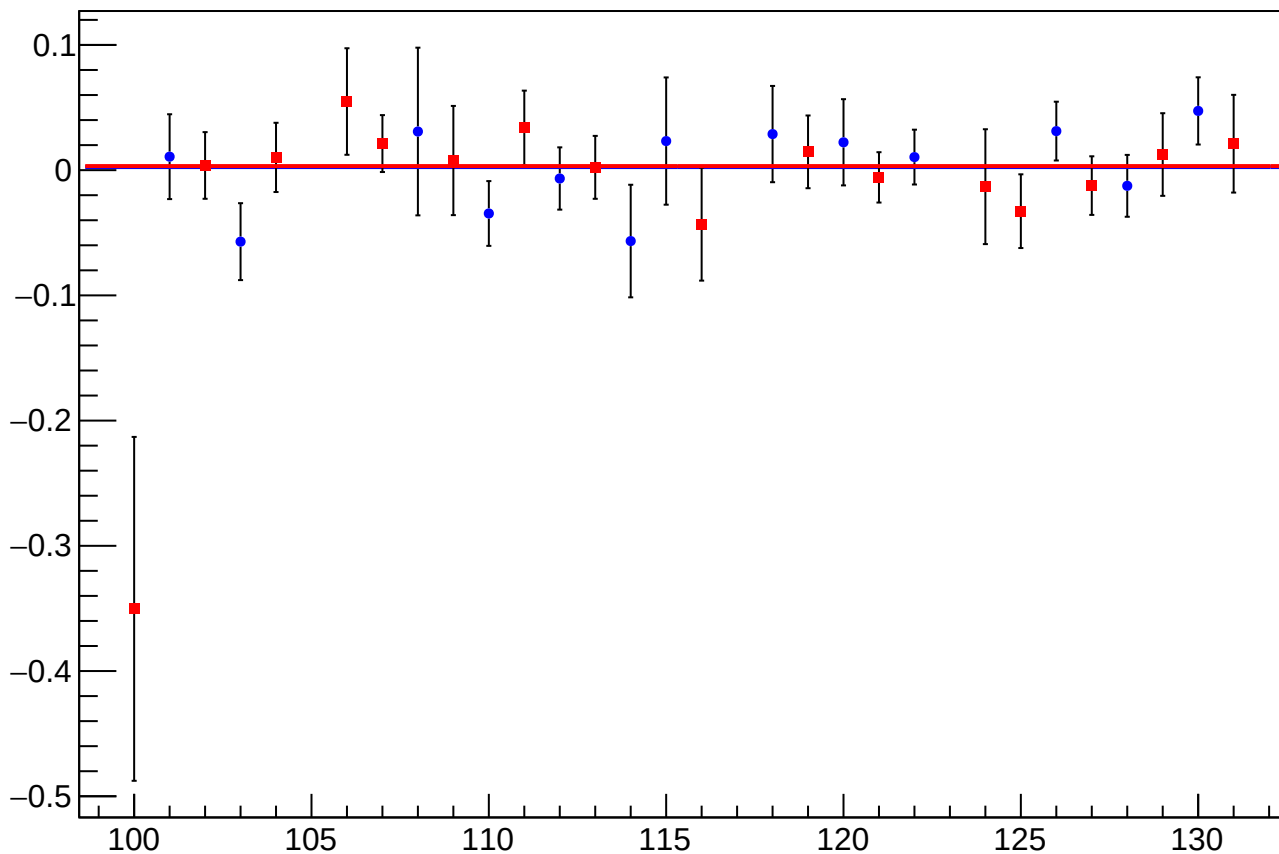
Right: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397835.4/28

In: 17.960 $\pm$ 0.006 χ^2 /NDF: 649256.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397835.4/28

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

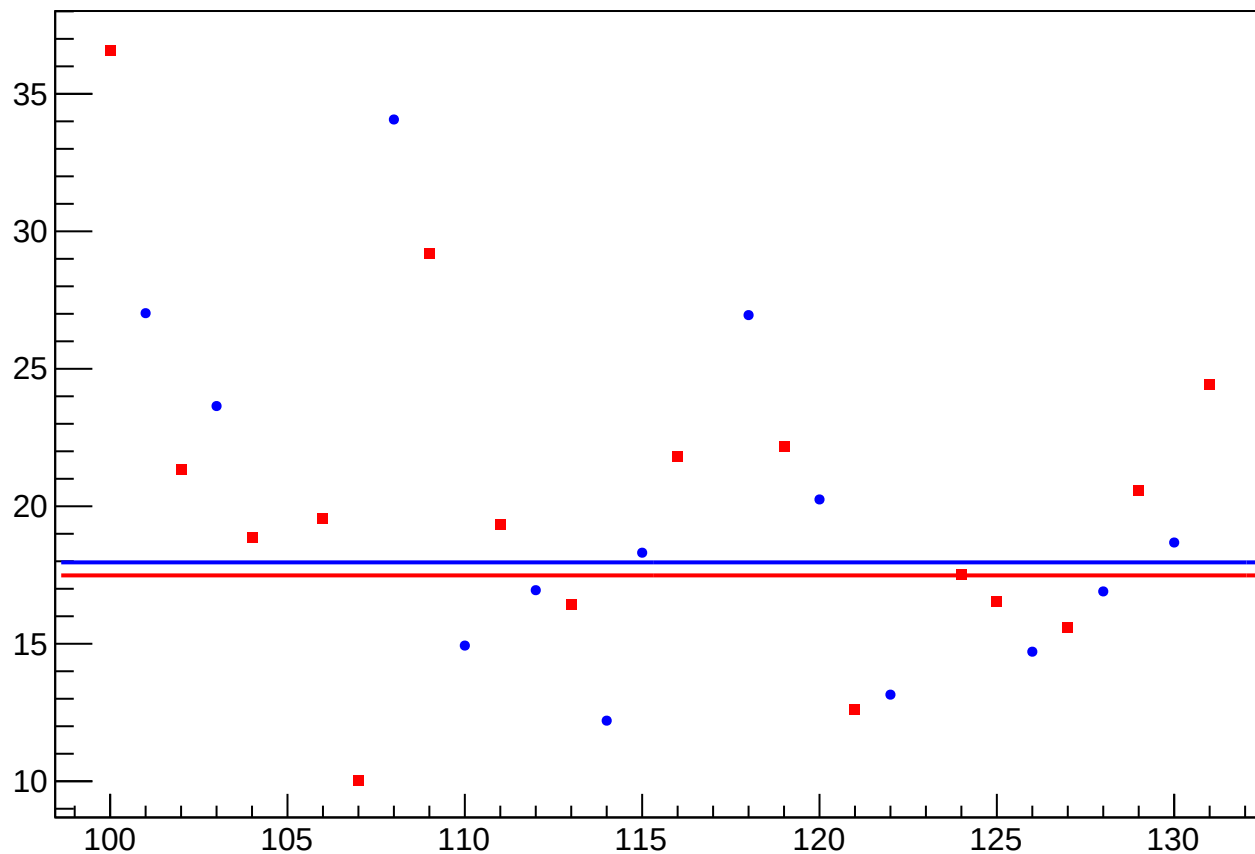
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960 $\pm$ 0.006 χ^2 /NDF: 649256.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.486 $\pm$ 0.005 χ^2 /NDF: 744987.0/15

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

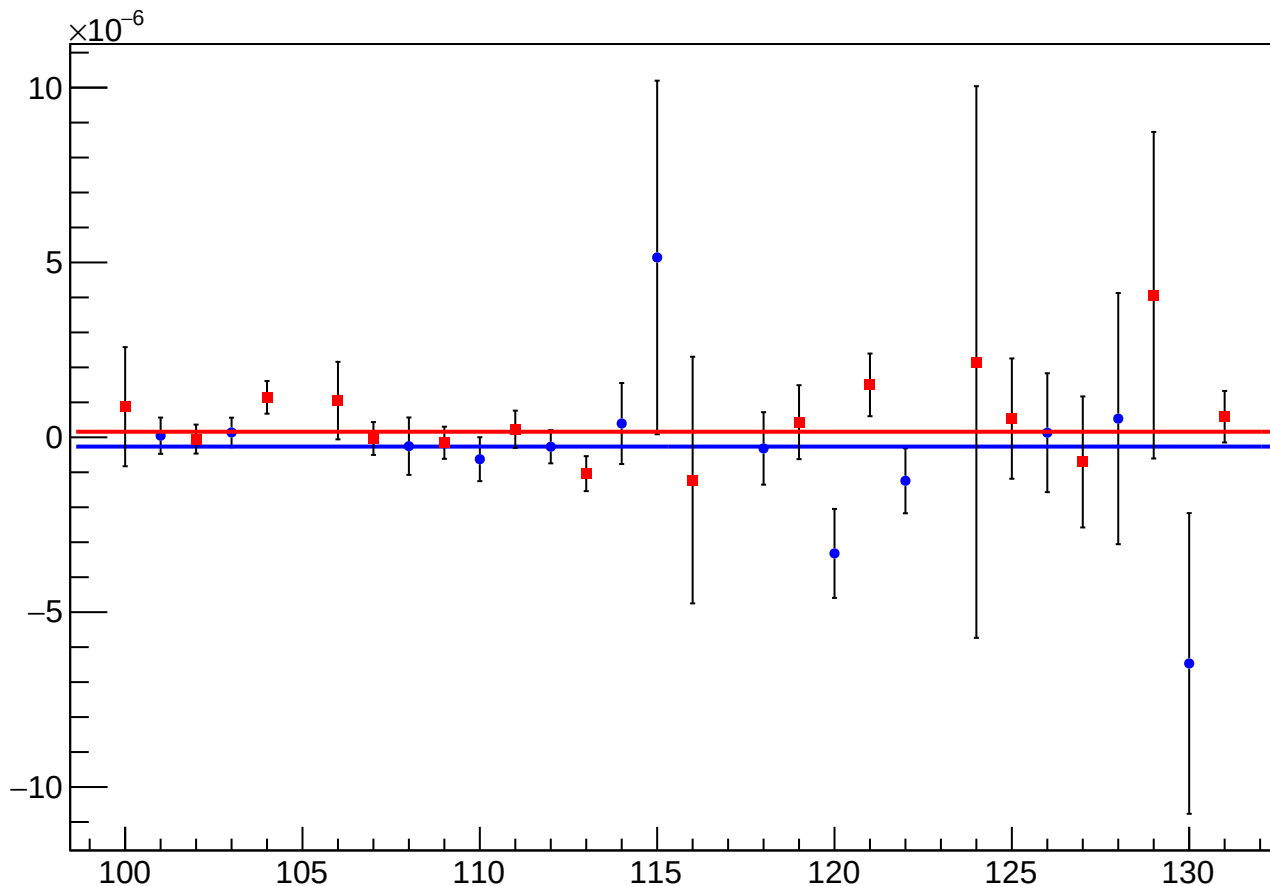
Right: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397835.4/28

In: 17.960 $\pm$ 0.006 χ^2 /NDF:649256.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397835.4/28

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

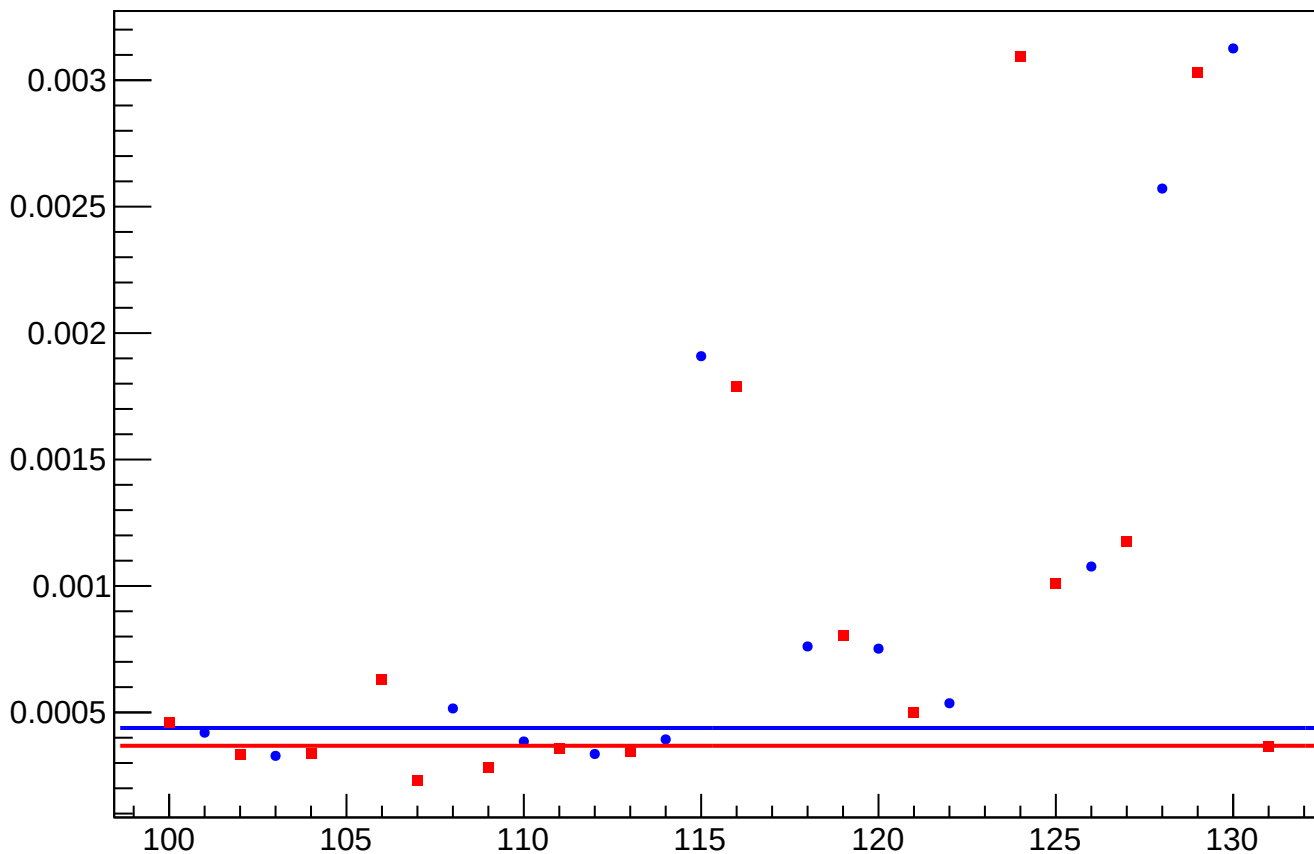
Right: -0.000+/-0.000 χ^2/NDF : 30.2/28

In: -0.000+/-0.000 χ^2/NDF :12.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.2/28

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2543145.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 2638667.4/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 5311942.5/28

In: 0.000+/-0.000

χ^2/NDF : 2543145.3/12

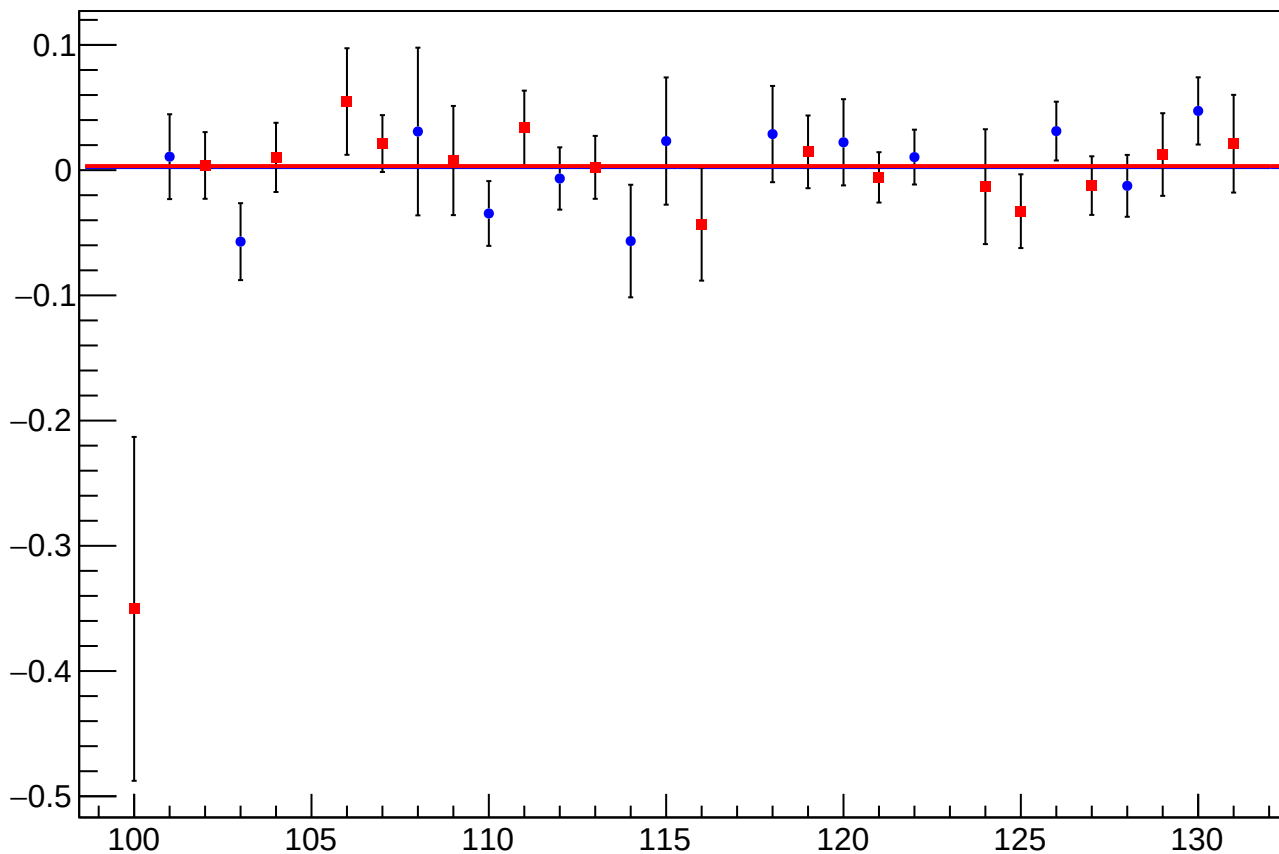
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 5311942.5/28

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

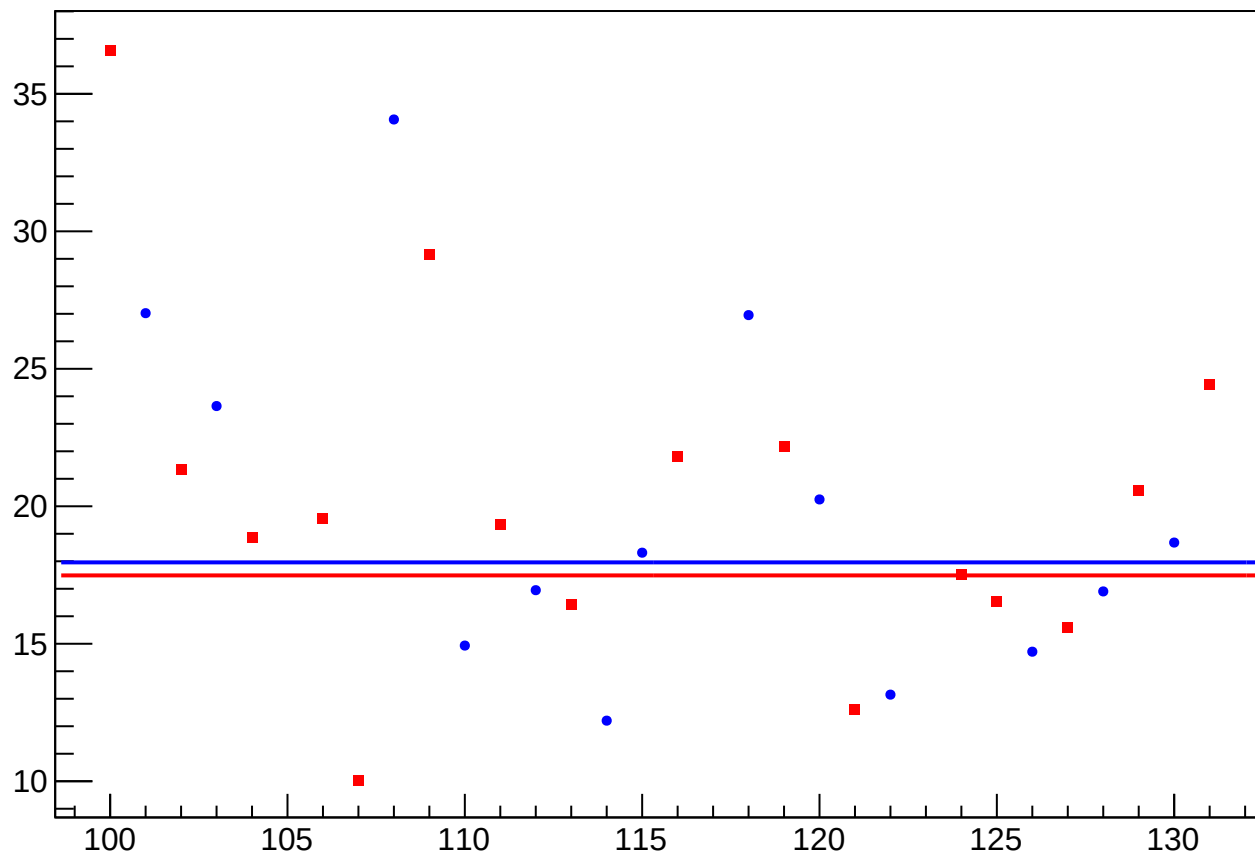
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960+/-0.006 χ^2/NDF : 649251.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.486+/-0.005 χ^2/NDF : 744985.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

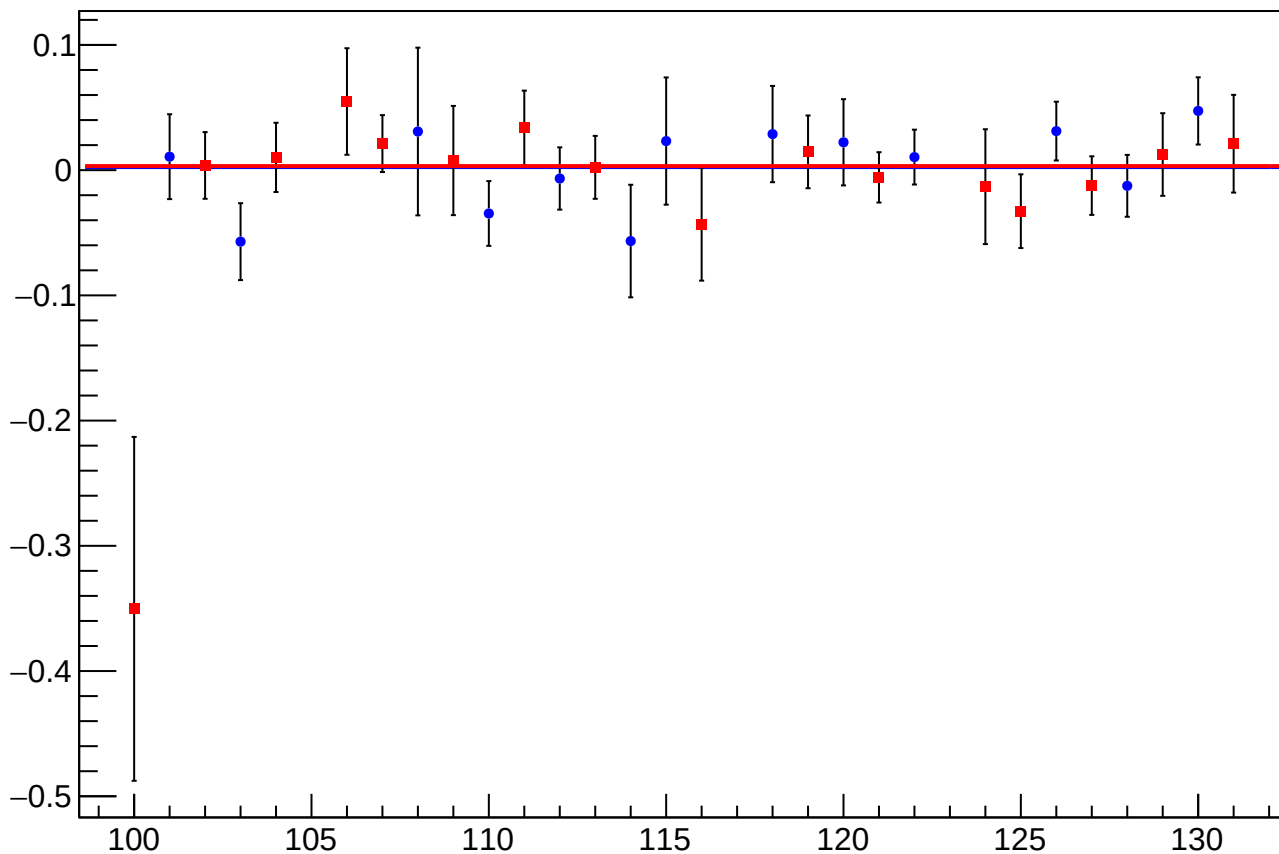
Right: 17.700+/-0.004 χ^2/NDF : 1397828.8/28

In: 17.960+/-0.006 χ^2/NDF : 649251.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.700+/-0.004 χ^2/NDF : 1397828.8/28

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

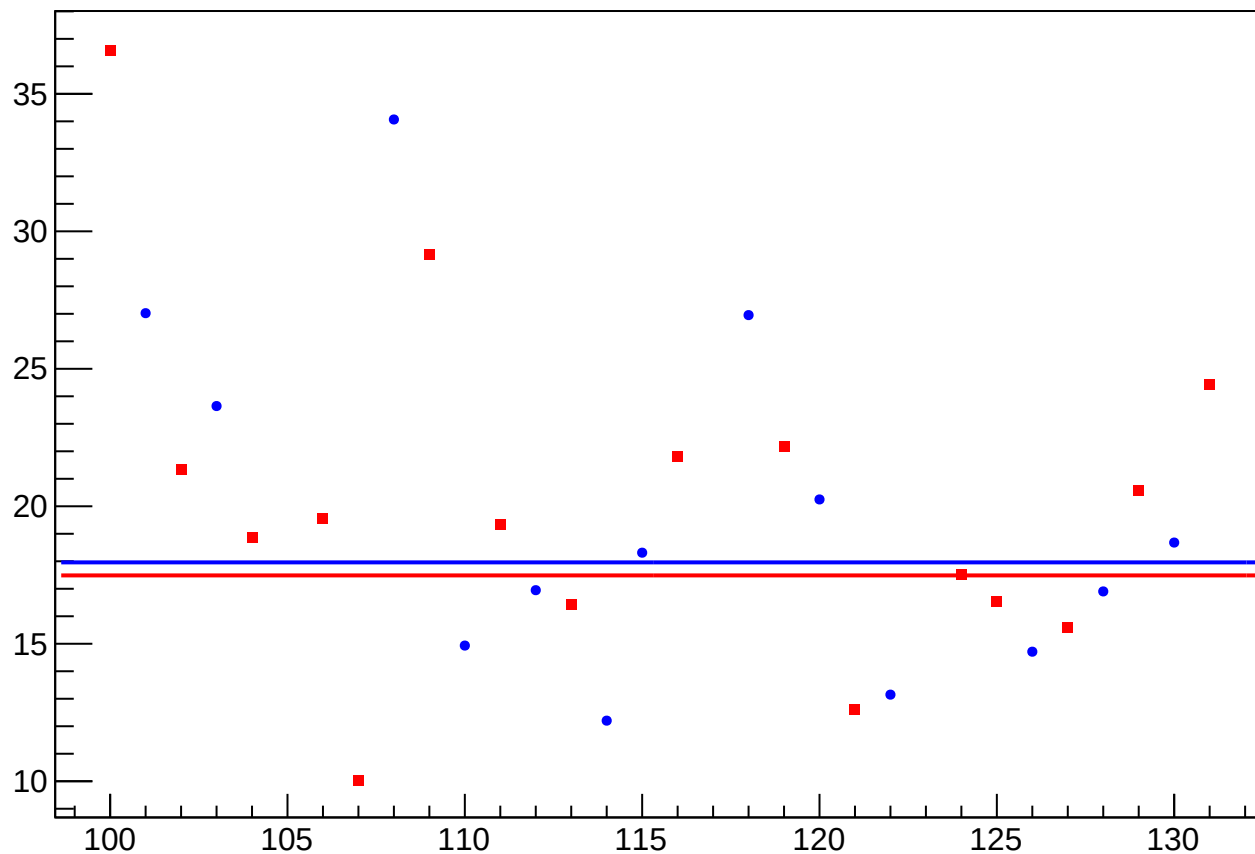
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.3/28

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960+/-0.006 χ^2/NDF : 649251.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.486+/-0.005 χ^2/NDF : 744985.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

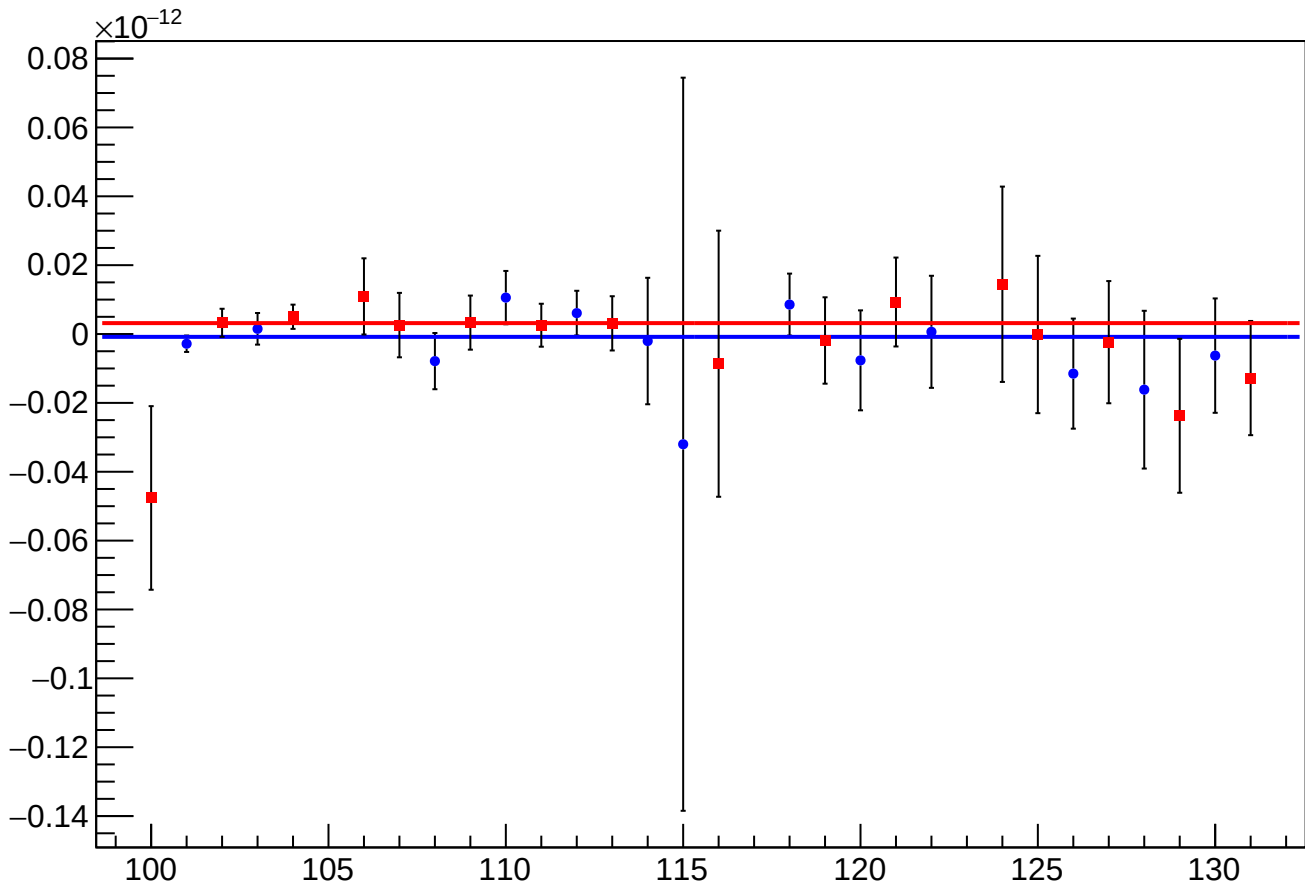
Right: 17.700+/-0.004 χ^2/NDF : 1397828.8/28

In: 17.960+/-0.006 χ^2/NDF : 649251.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.700+/-0.004 χ^2/NDF : 1397828.8/28

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

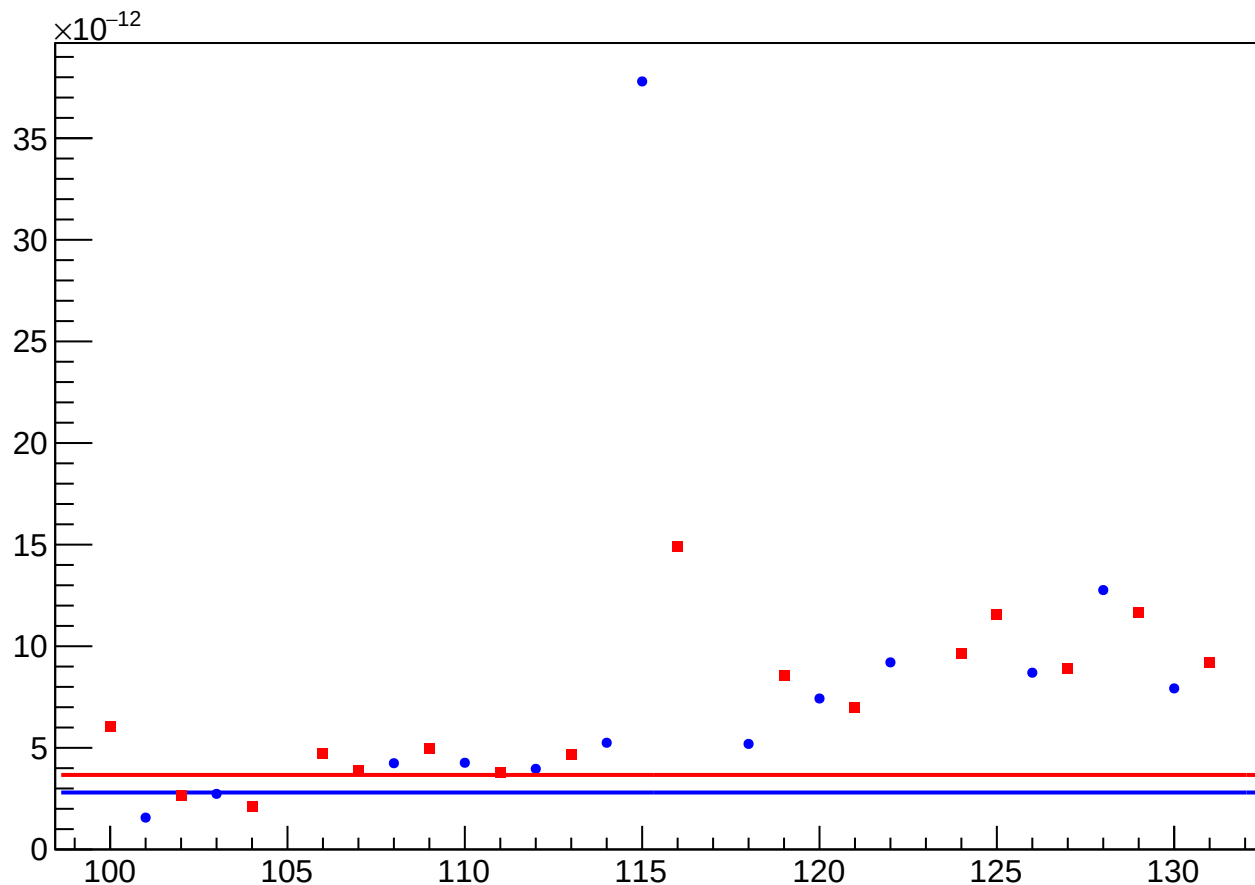
Right: 0.000+/-0.000 χ^2/NDF : 17.1/28

In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/28

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2481698.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2227855.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

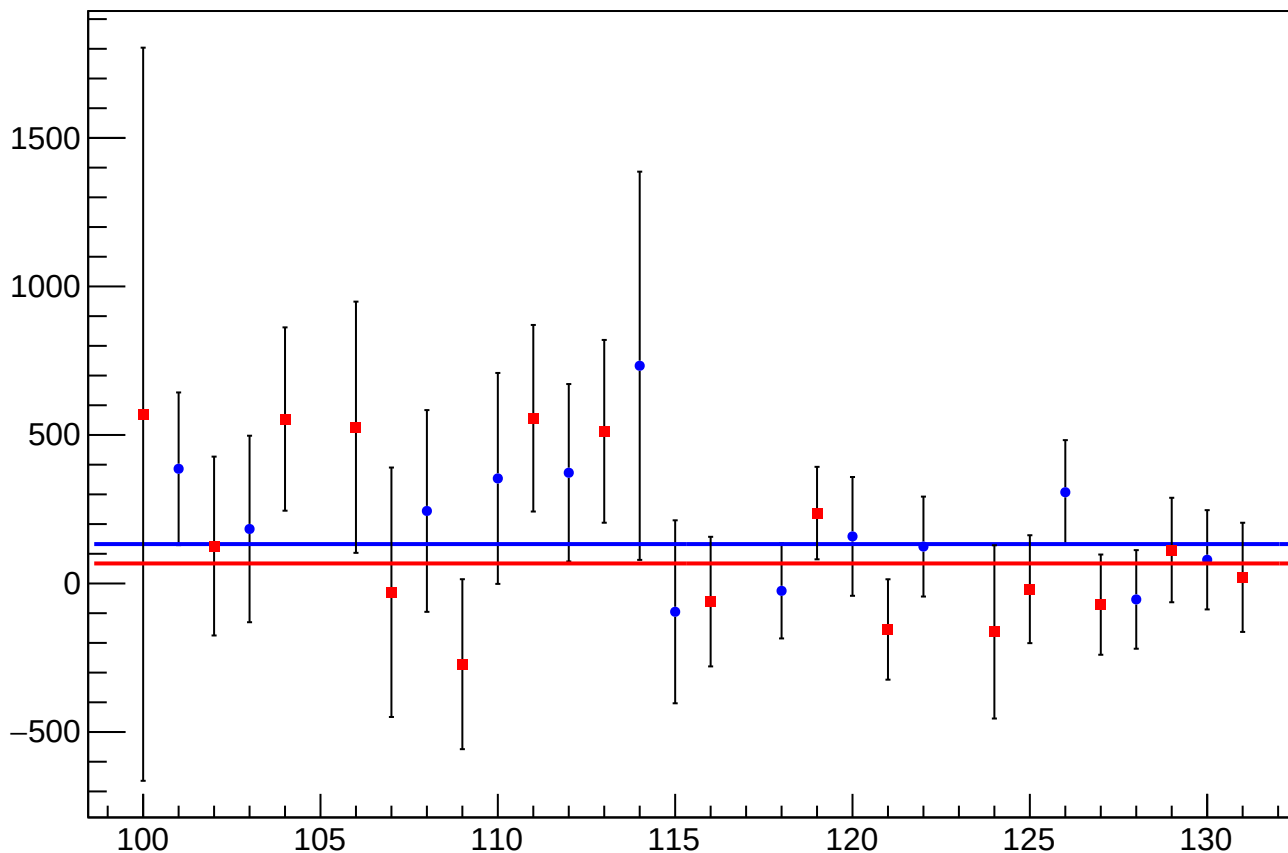
Right: 0.000+/-0.000 χ^2/NDF : 4914681.2/28

In: 0.000+/-0.000 χ^2/NDF : 2481698.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4914681.2/28

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 132.675+/-60.868 χ^2/NDF : 6.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.455+/-57.465 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

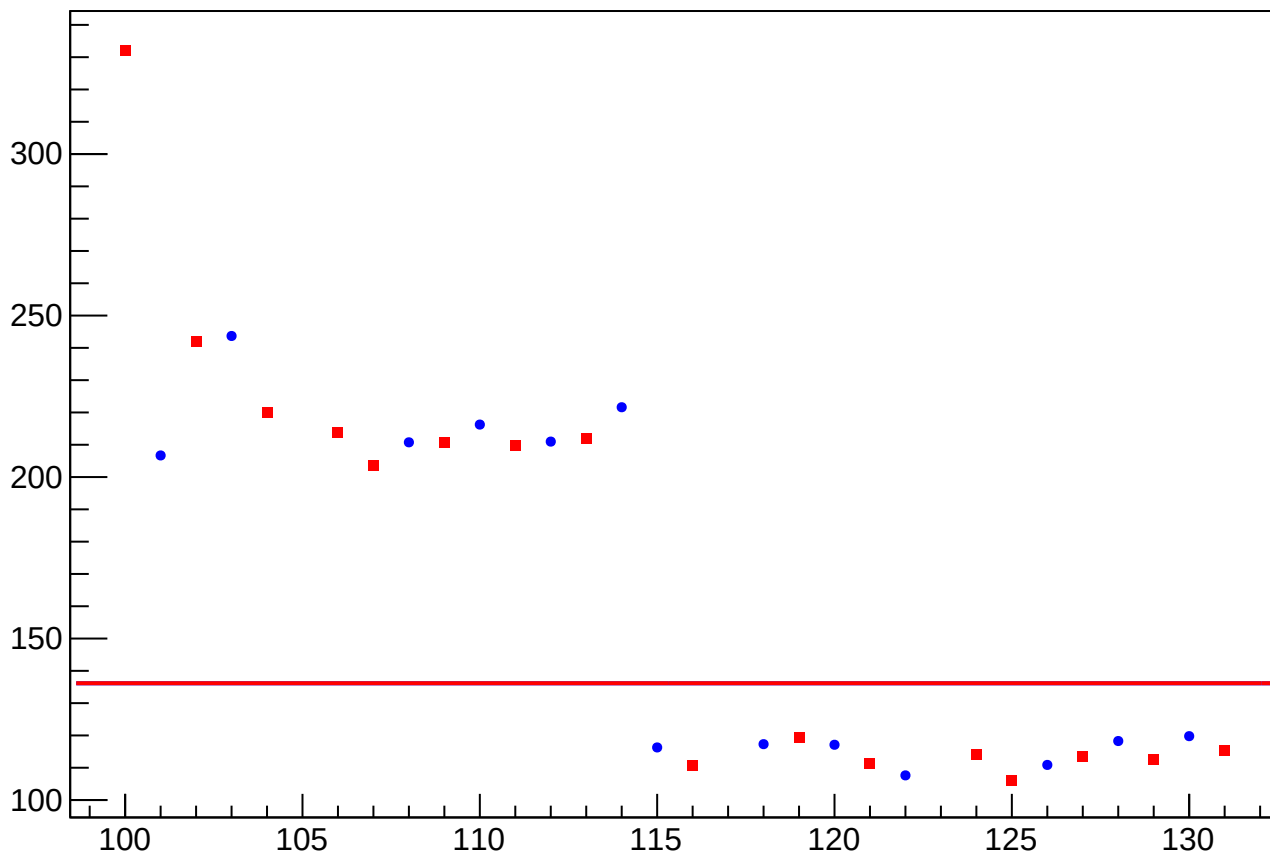
Right: 98.190+/-41.785 χ^2/NDF : 22.2/28

In: 132.675+/-60.868 χ^2/NDF : 6.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.190+/-41.785 χ^2/NDF : 22.2/28

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 136.137 $\pm$ 0.043 χ^2 /NDF: 938940.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.166 $\pm$ 0.041 χ^2 /NDF: 1187462.5/15

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

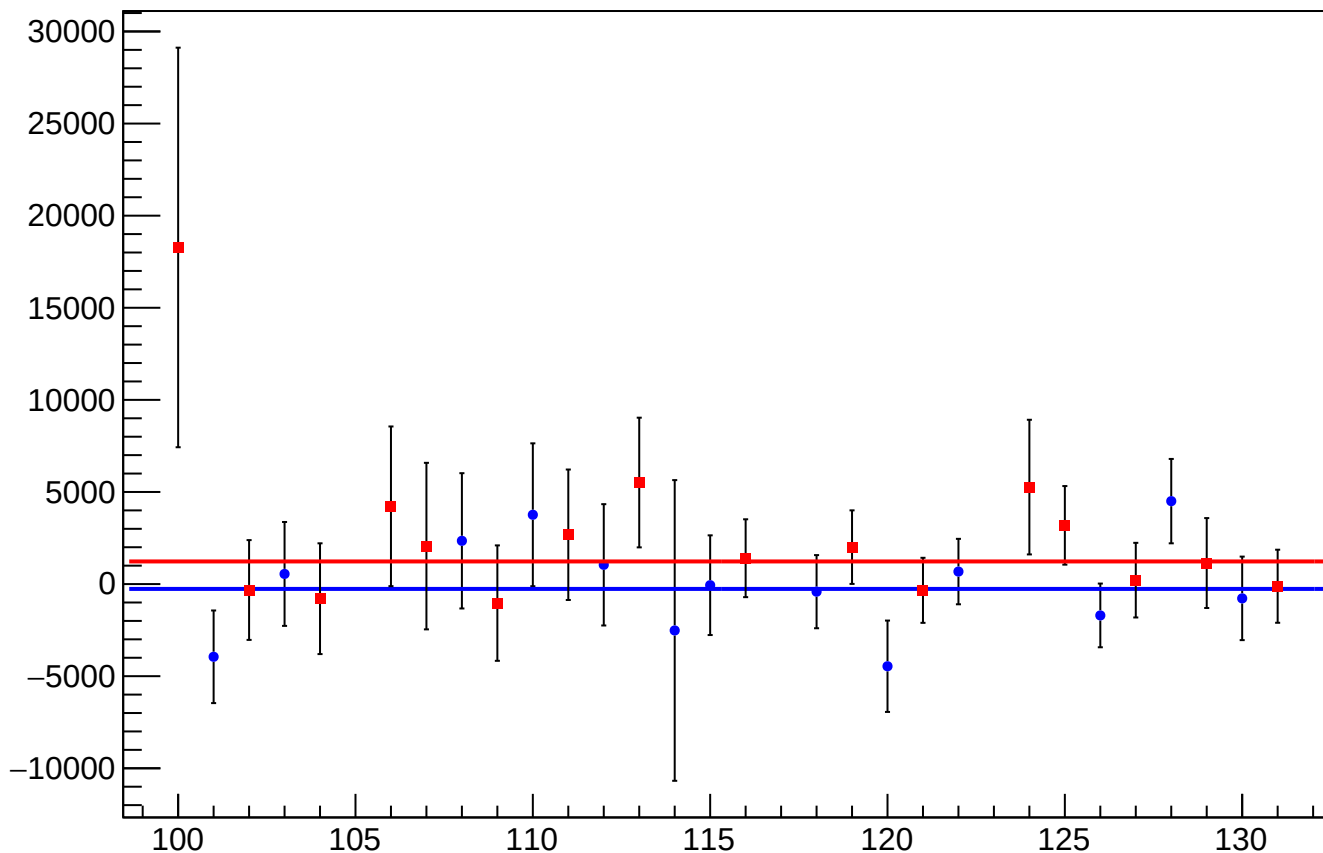
Right: 136.152 $\pm$ 0.030 χ^2 /NDF: 2126403.5/28

In: 136.137 $\pm$ 0.043 χ^2 /NDF:938940.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.152 $\pm$ 0.030 χ^2 /NDF: 2126403.5/28

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -262.769+/-686.630 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1228.812+/-648.759 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

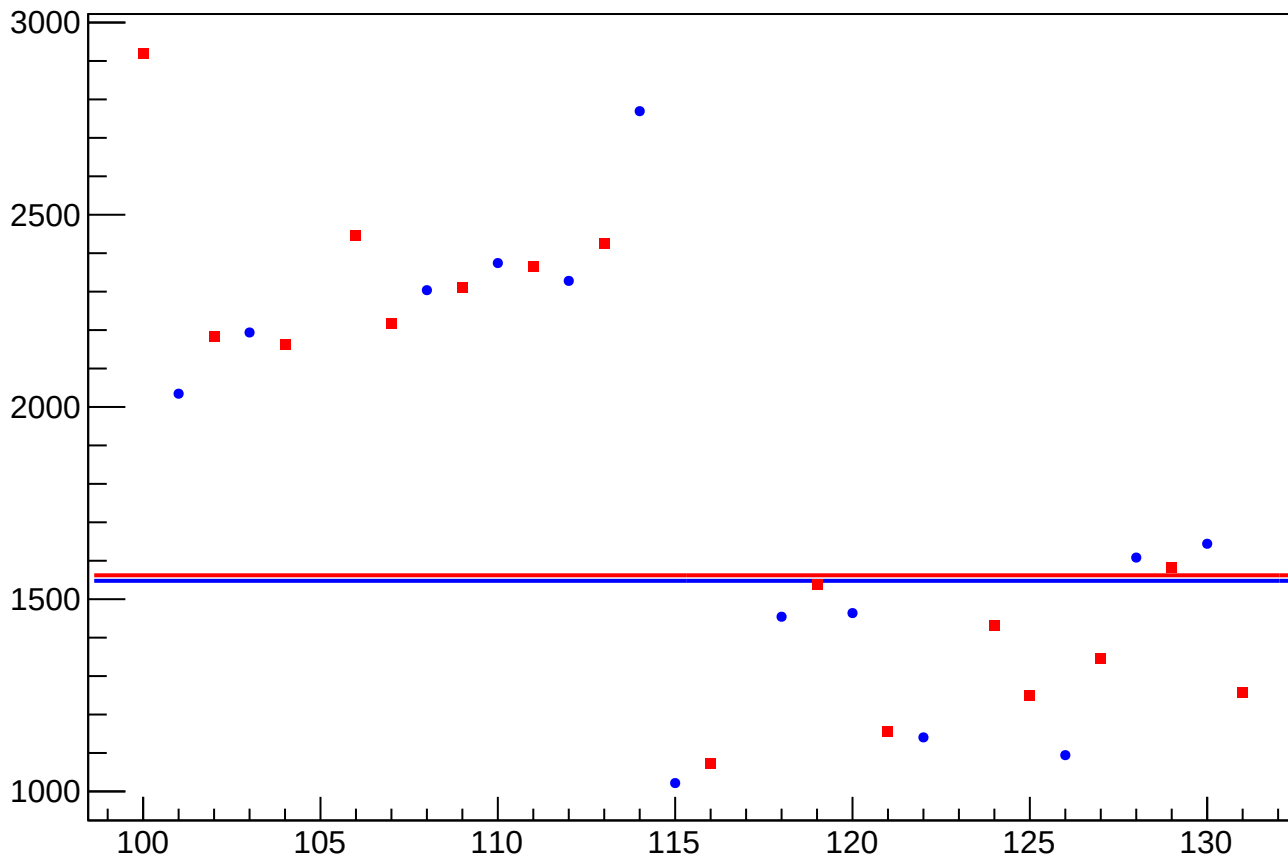
Right: 525.289+/-471.562 χ^2/NDF : 24.4/28

In: -262.769+/-686.630 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.289+/-471.562 χ^2/NDF : 24.4/28

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1547.786+/-0.486 χ^2/NDF : 842490.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1562.169+/-0.459 χ^2/NDF : 1008668.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

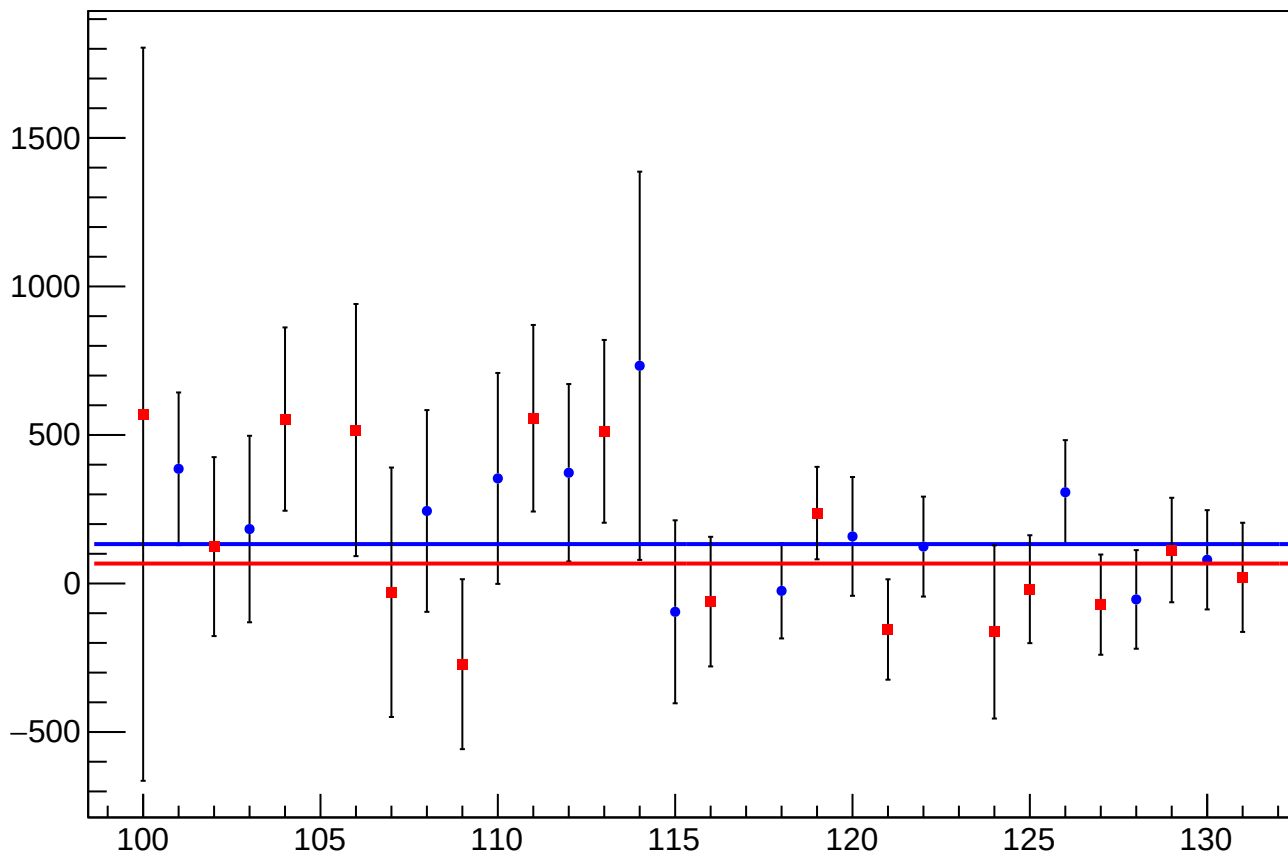
Right: 1555.385+/-0.333 χ^2/NDF : 1851622.4/28

In: 1547.786+/-0.486 χ^2/NDF : 842490.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.385+/-0.333 χ^2/NDF : 1851622.4/28

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.143 $\pm$ 57.470 χ^2 /NDF: 14.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

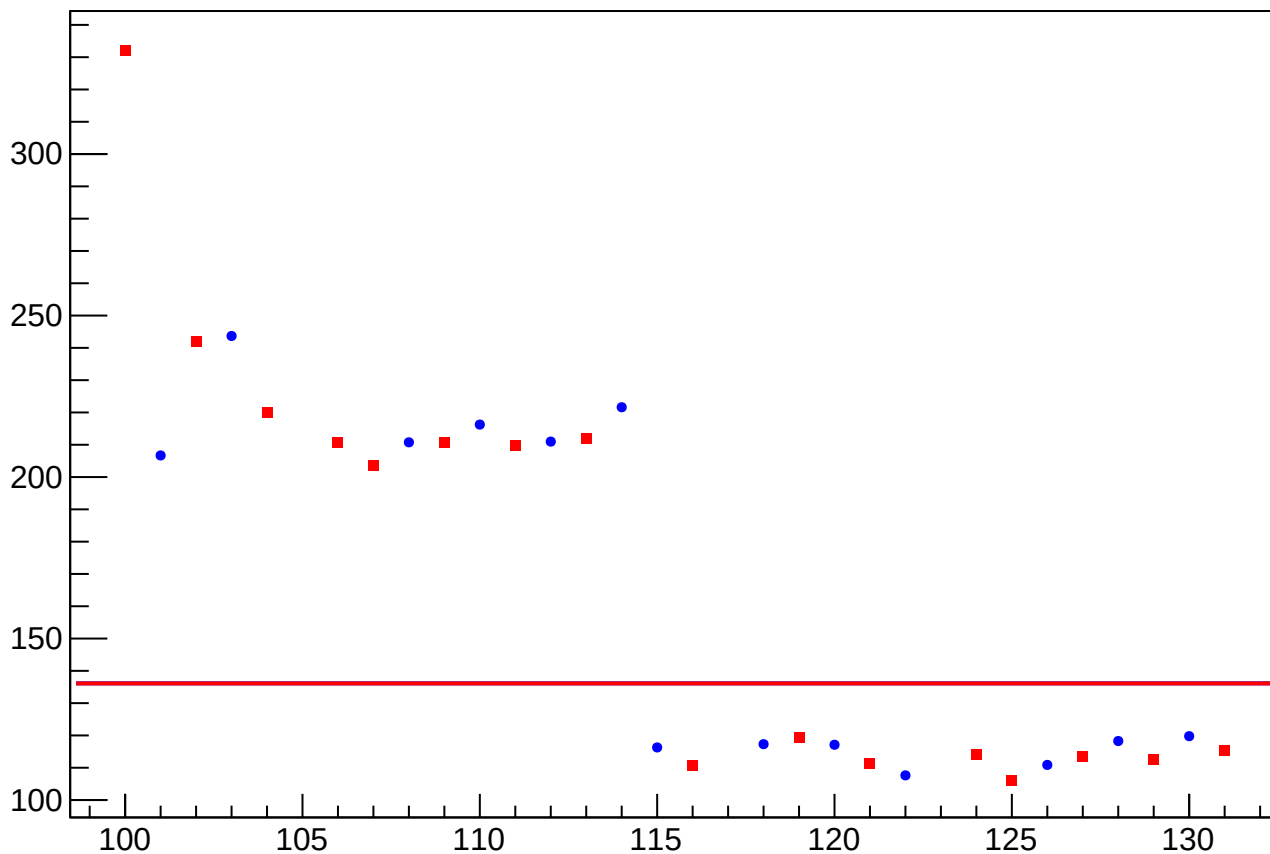
Right: 98.024 $\pm$ 41.787 χ^2 /NDF: 22.2/28

In: 132.665 $\pm$ 60.868 χ^2 /NDF:6.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.024 $\pm$ 41.787 χ^2 /NDF: 22.2/28

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.100+/-0.041 χ^2/NDF : 1182097.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

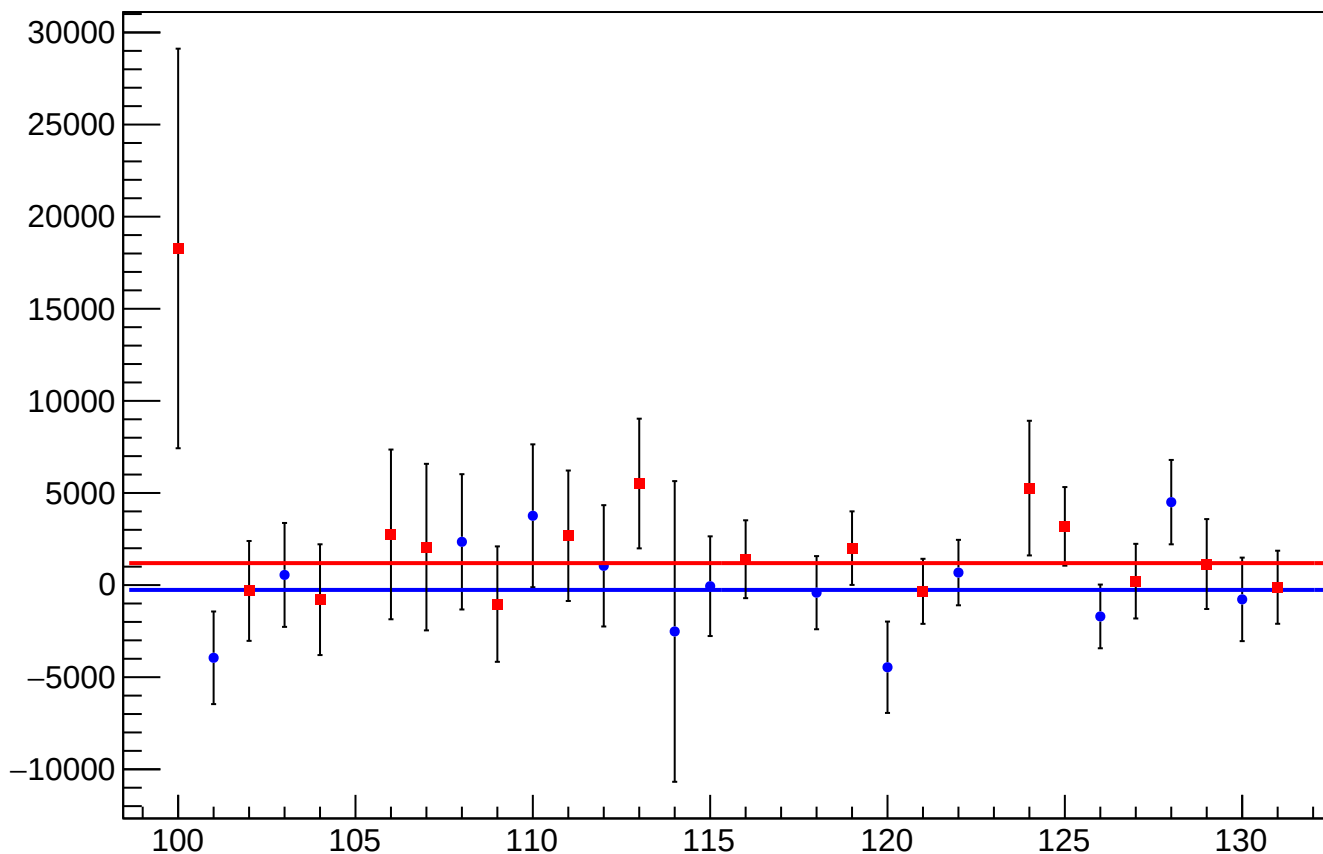
Right: 136.117+/-0.030 χ^2/NDF : 2121041.3/28

In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.117+/-0.030 χ^2/NDF : 2121041.3/28

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.262+/-649.620 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

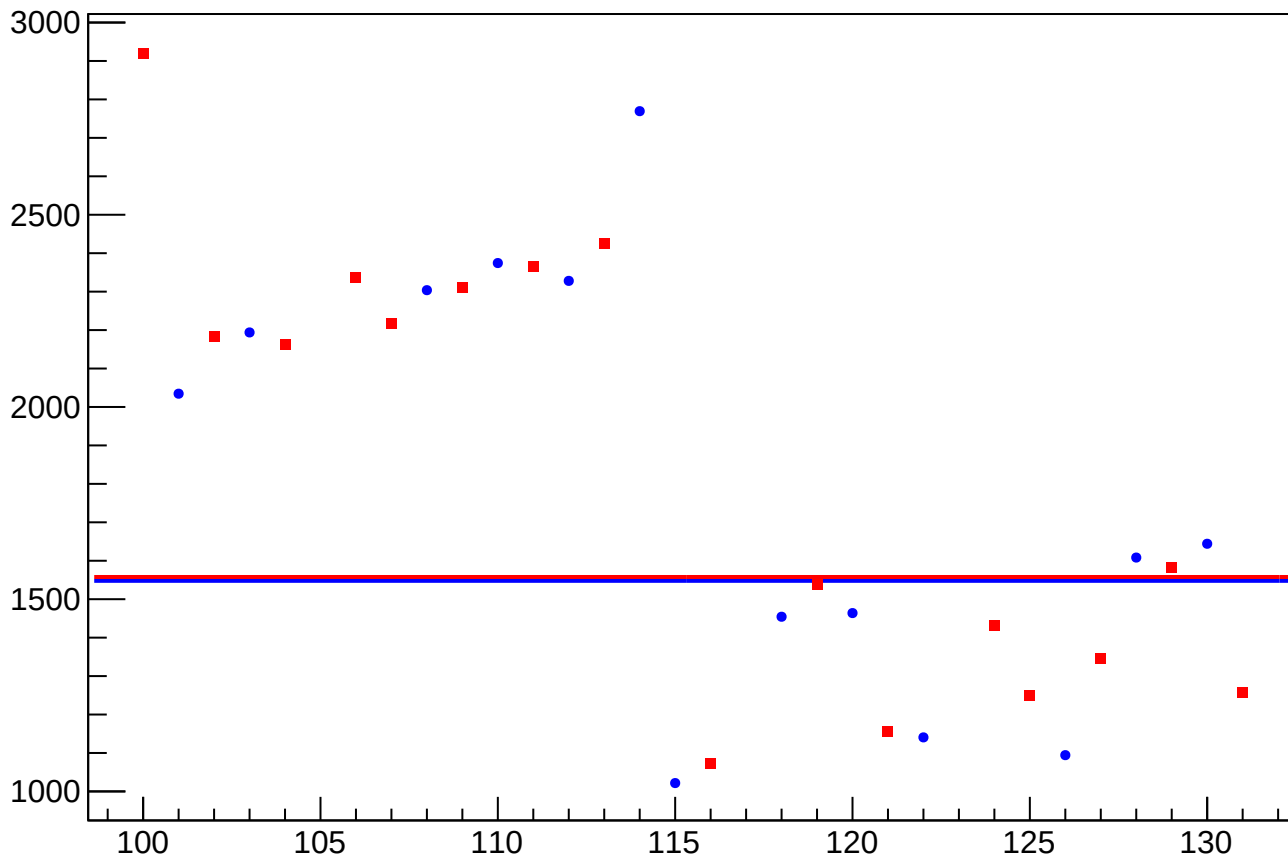
Right: 505.046+/-471.893 χ^2/NDF : 23.9/28

In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.046+/-471.893 χ^2/NDF : 23.9/28

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.755+/-0.459 χ^2/NDF : 982333.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

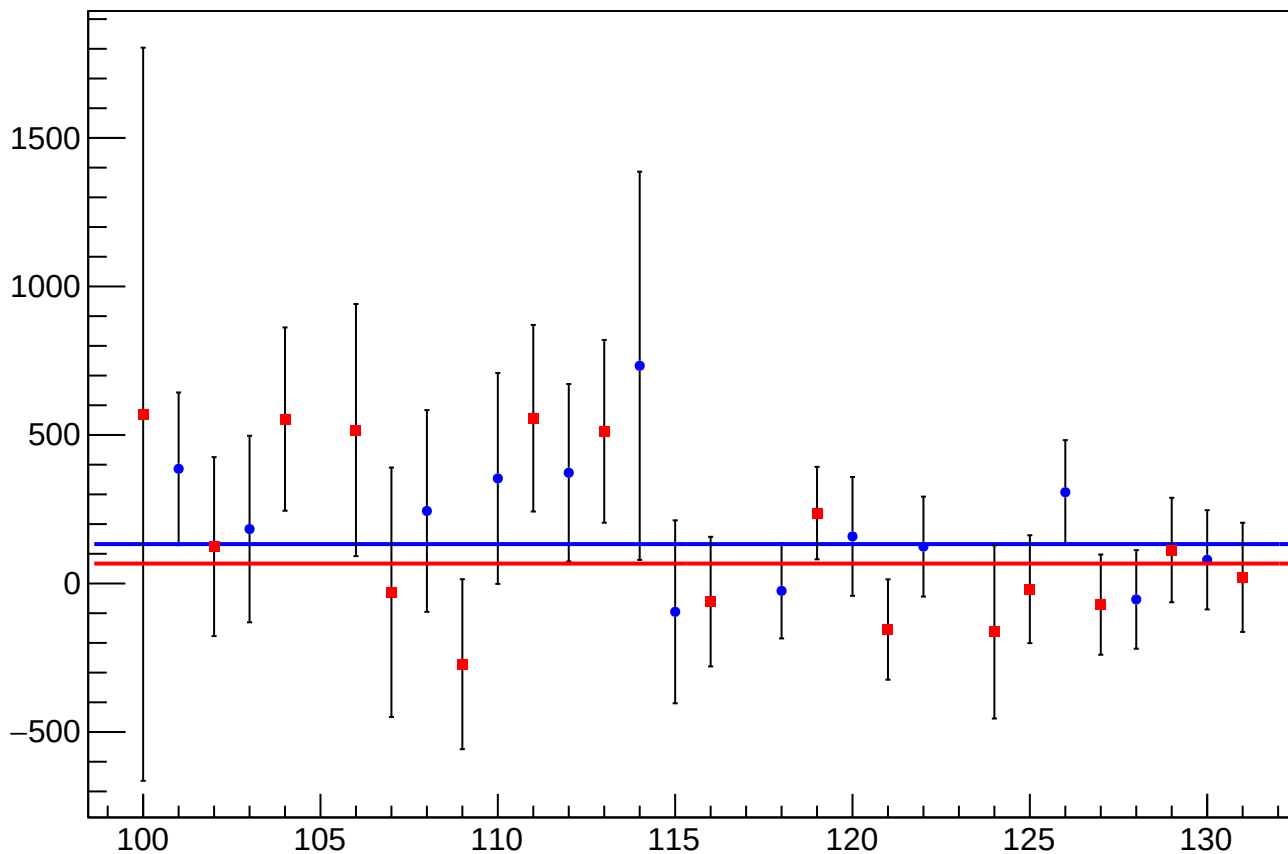
Right: 1553.048+/-0.334 χ^2/NDF : 1825073.8/28

In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.048+/-0.334 χ^2/NDF : 1825073.8/28

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.143 $\pm$ 57.470 χ^2 /NDF: 14.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

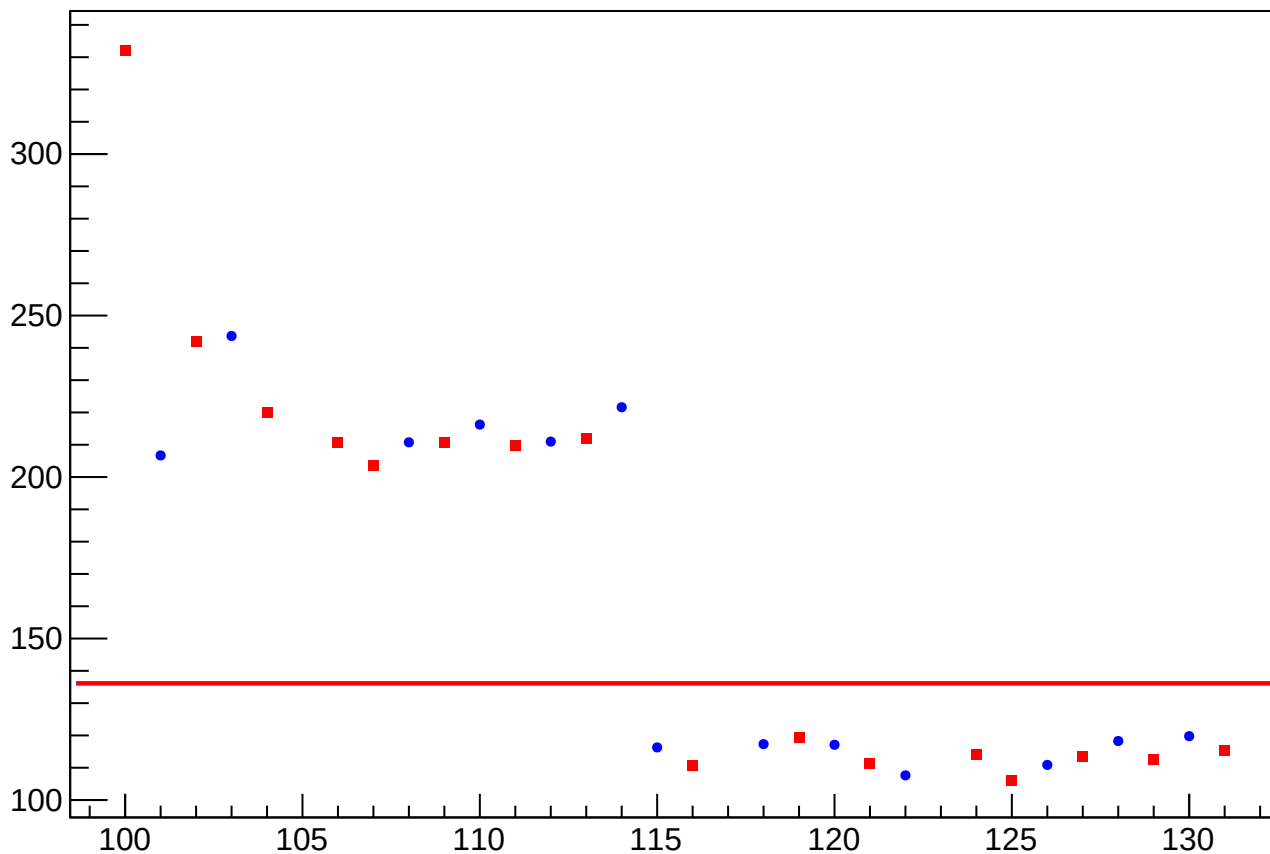
Right: 98.024 $\pm$ 41.787 χ^2 /NDF: 22.2/28

In: 132.665 $\pm$ 60.868 χ^2 /NDF:6.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.024 $\pm$ 41.787 χ^2 /NDF: 22.2/28

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 136.137 $\pm$ 0.043 χ^2 /NDF: 938943.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.100 $\pm$ 0.041 χ^2 /NDF: 1182097.6/15

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

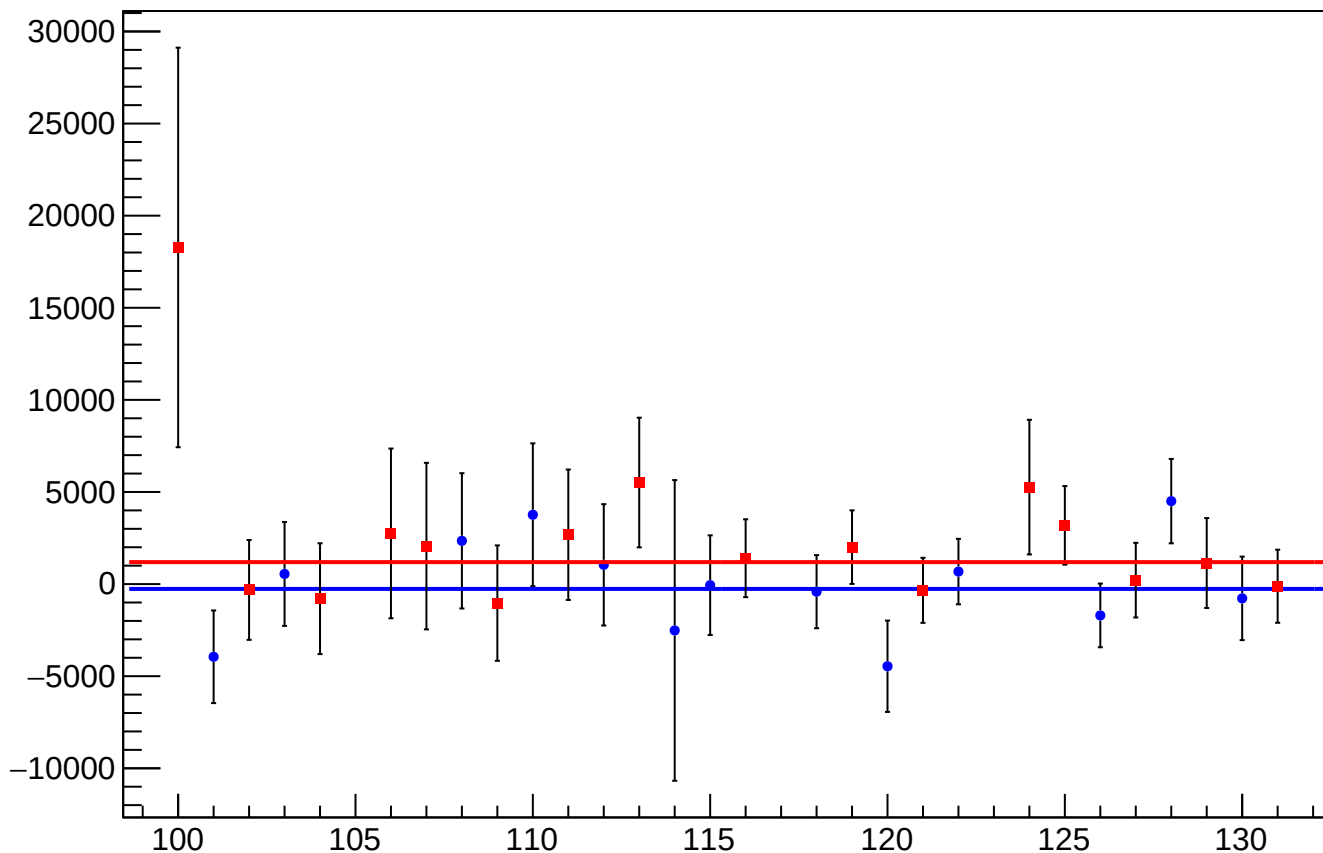
Right: 136.117 $\pm$ 0.030 χ^2 /NDF: 2121041.3/28

In: 136.137 $\pm$ 0.043 χ^2 /NDF:938943.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.117 $\pm$ 0.030 χ^2 /NDF: 2121041.3/28

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.262+/-649.620 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

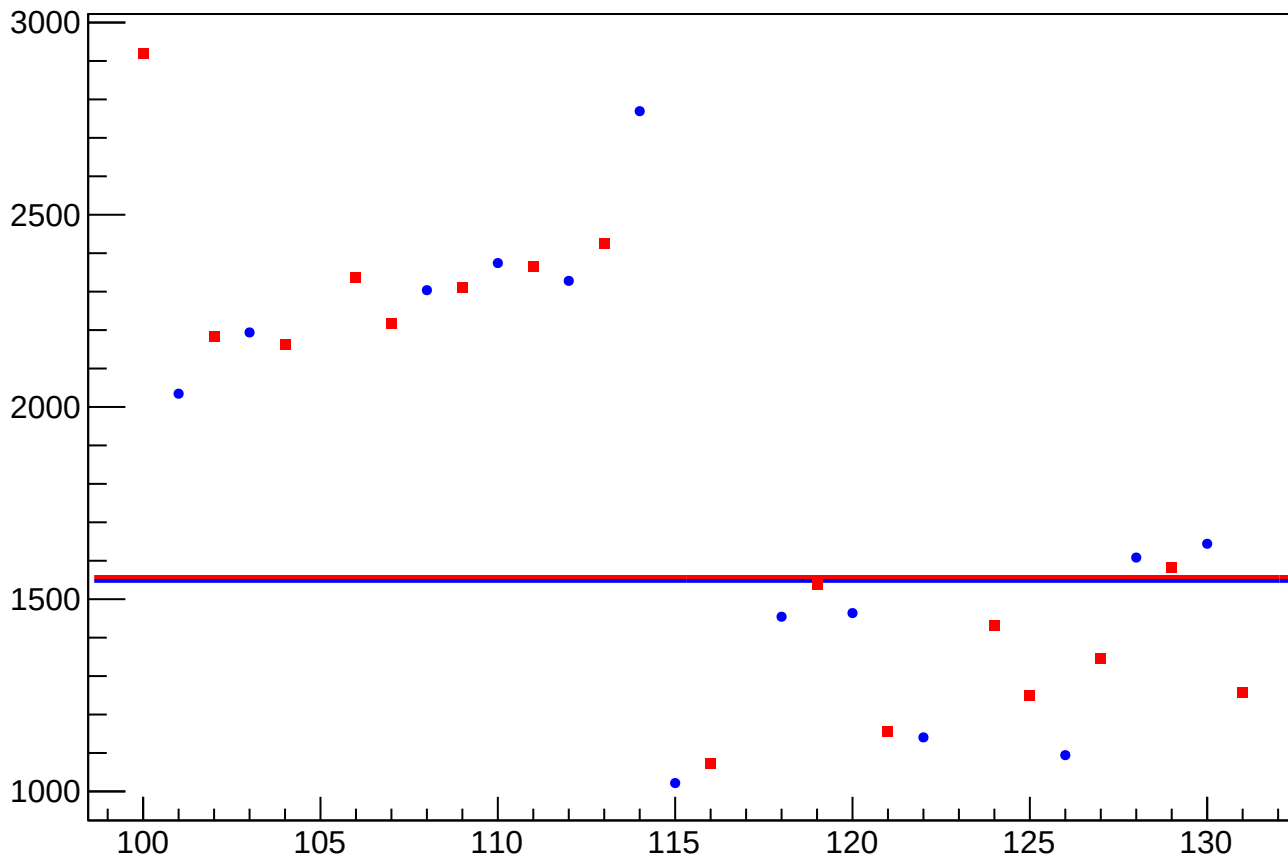
Right: 505.046+/-471.893 χ^2/NDF : 23.9/28

In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.046+/-471.893 χ^2/NDF : 23.9/28

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.755+/-0.459 χ^2/NDF : 982333.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

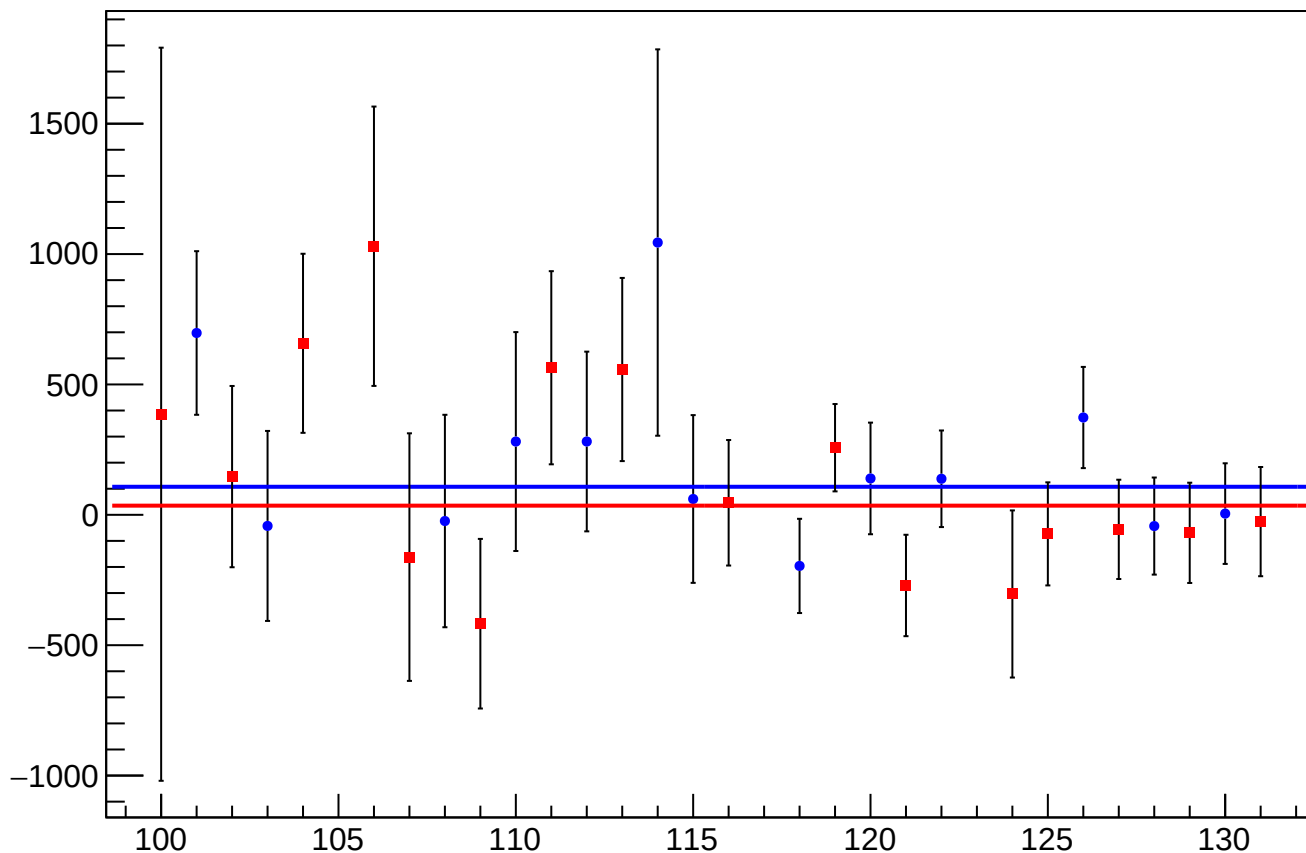
Right: 1553.048+/-0.334 χ^2/NDF : 1825073.8/28

In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.048+/-0.334 χ^2/NDF : 1825073.8/28

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 107.582 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.166 $\pm$ 64.261 χ^2 /NDF: 19.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

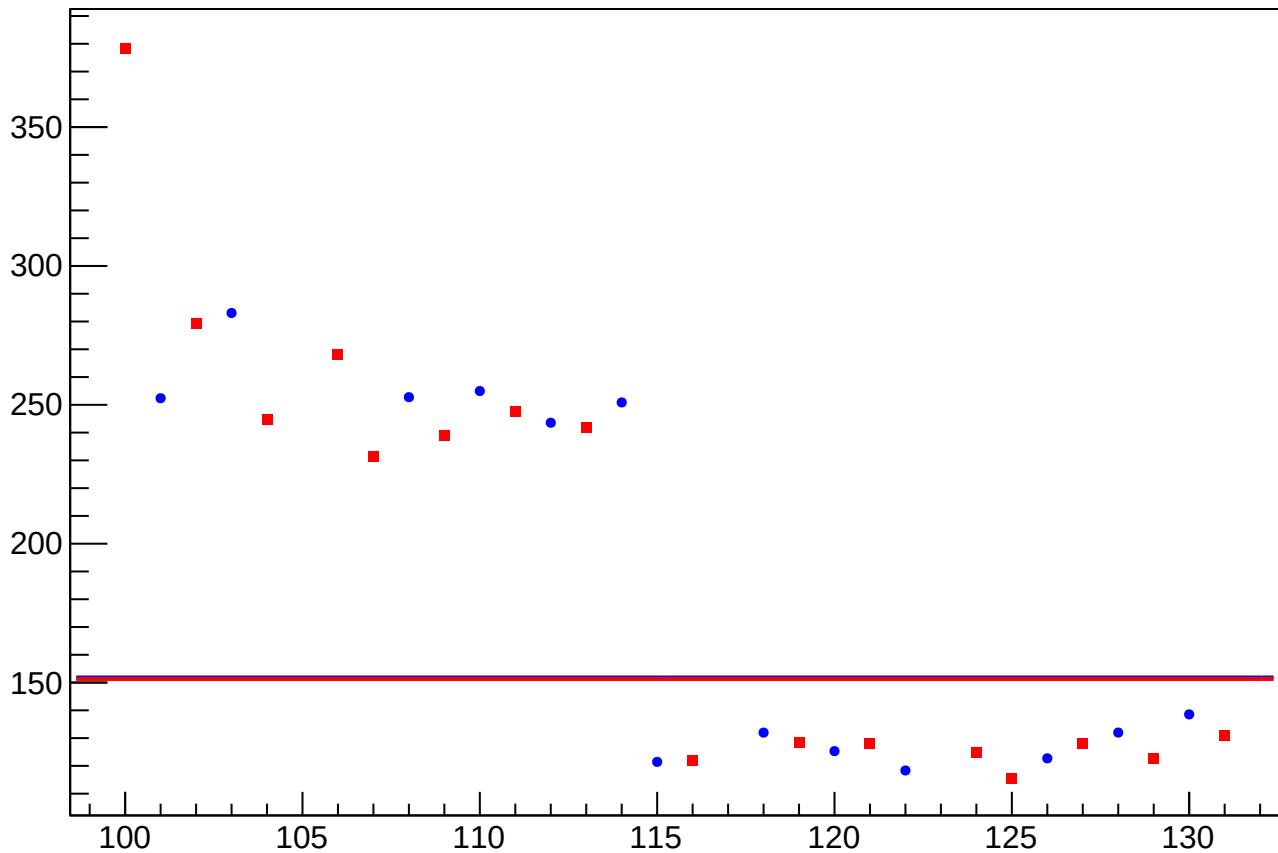
Right: 69.068 $\pm$ 46.864 χ^2 /NDF: 31.7/28

In: 107.582 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.068 $\pm$ 46.864 χ^2 /NDF: 31.7/28

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 151.817+/-0.048 χ^2/NDF : 1101110.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.292+/-0.045 χ^2/NDF : 1304798.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

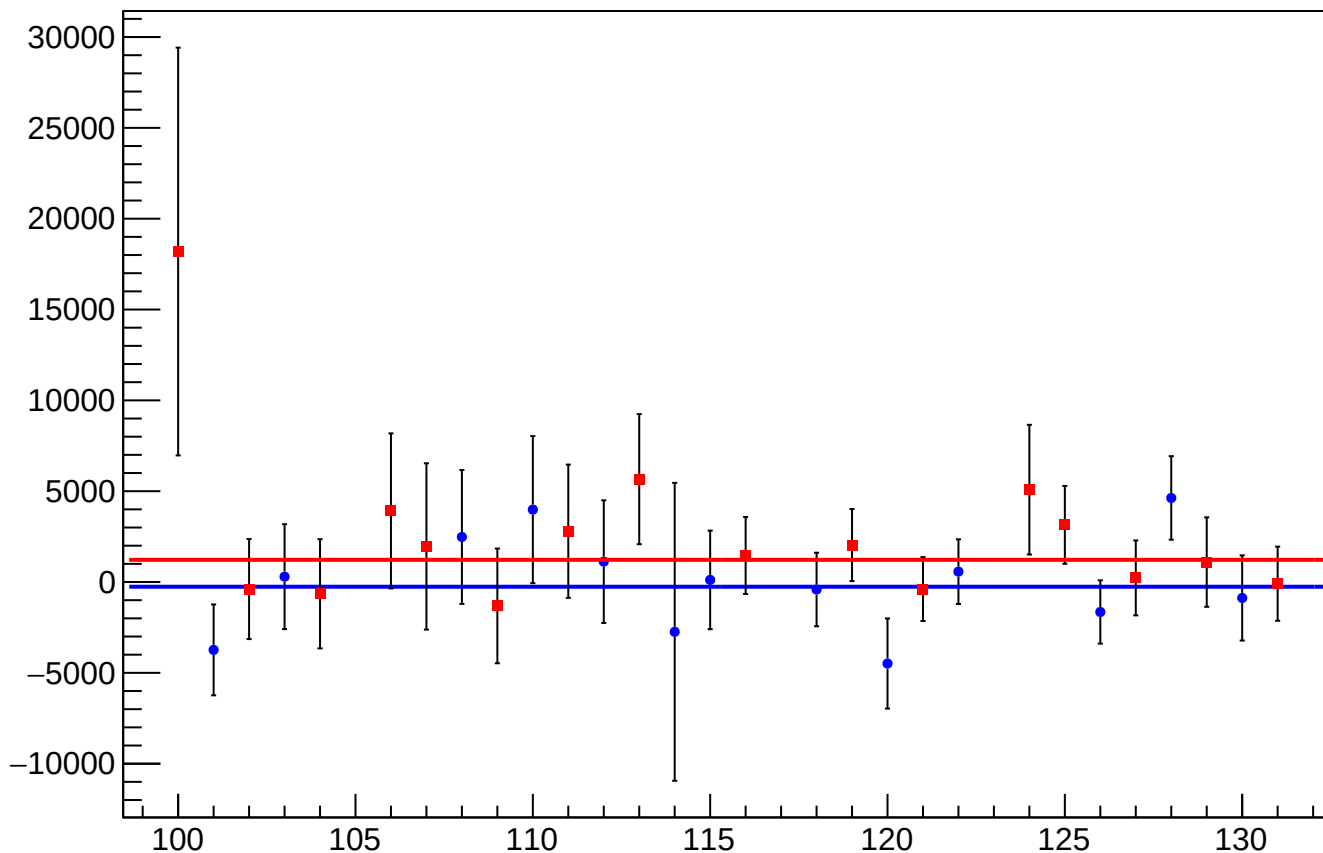
Right: 151.538+/-0.033 χ^2/NDF : 2405971.0/28

In: 151.817+/-0.048 χ^2/NDF : 1101110.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.538+/-0.033 χ^2/NDF : 2405971.0/28

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -259.725+/-694.037 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.858+/-653.475 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

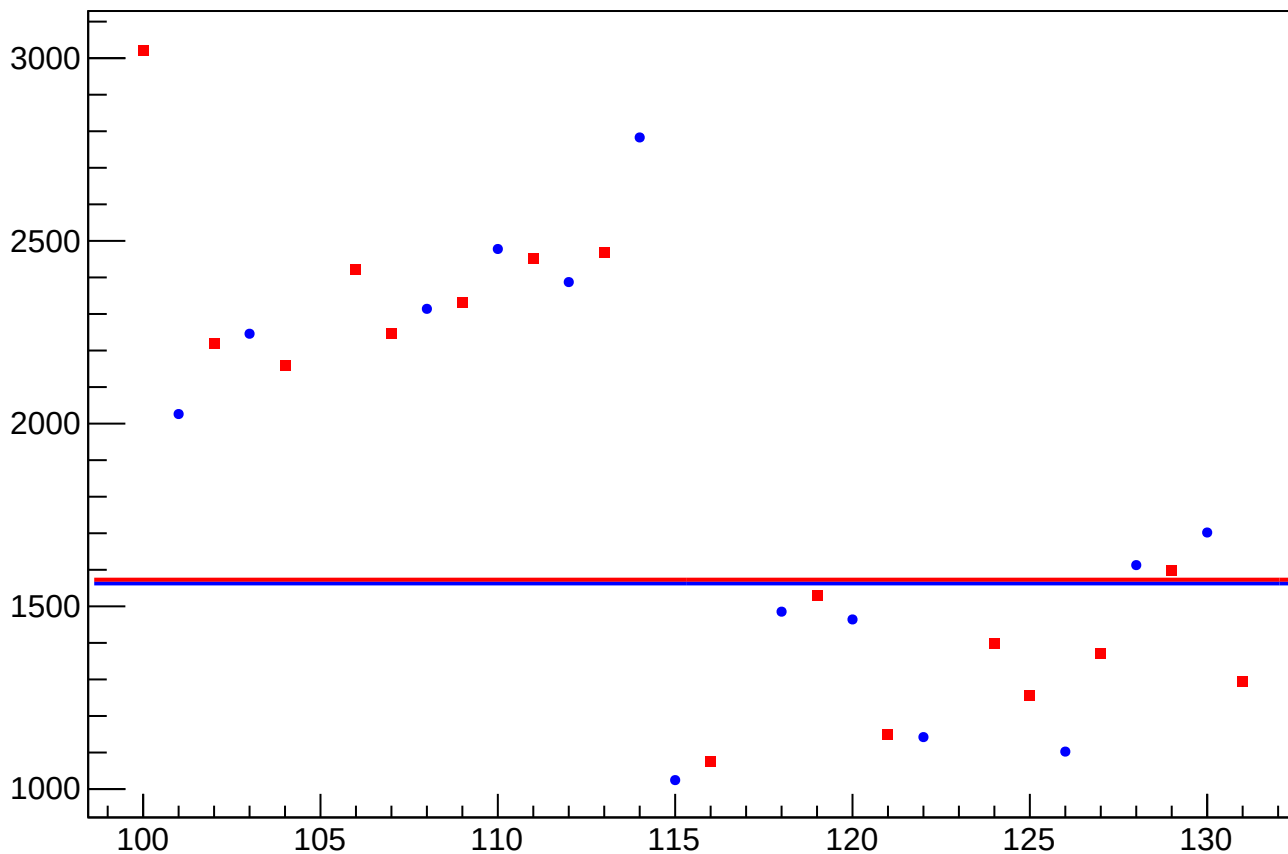
Right: 525.623+/-475.770 χ^2/NDF : 24.1/28

In: -259.725+/-694.037 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.623+/-475.770 χ^2/NDF : 24.1/28

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1562.711+/-0.491 χ^2/NDF : 873672.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.982+/-0.462 χ^2/NDF : 1028629.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

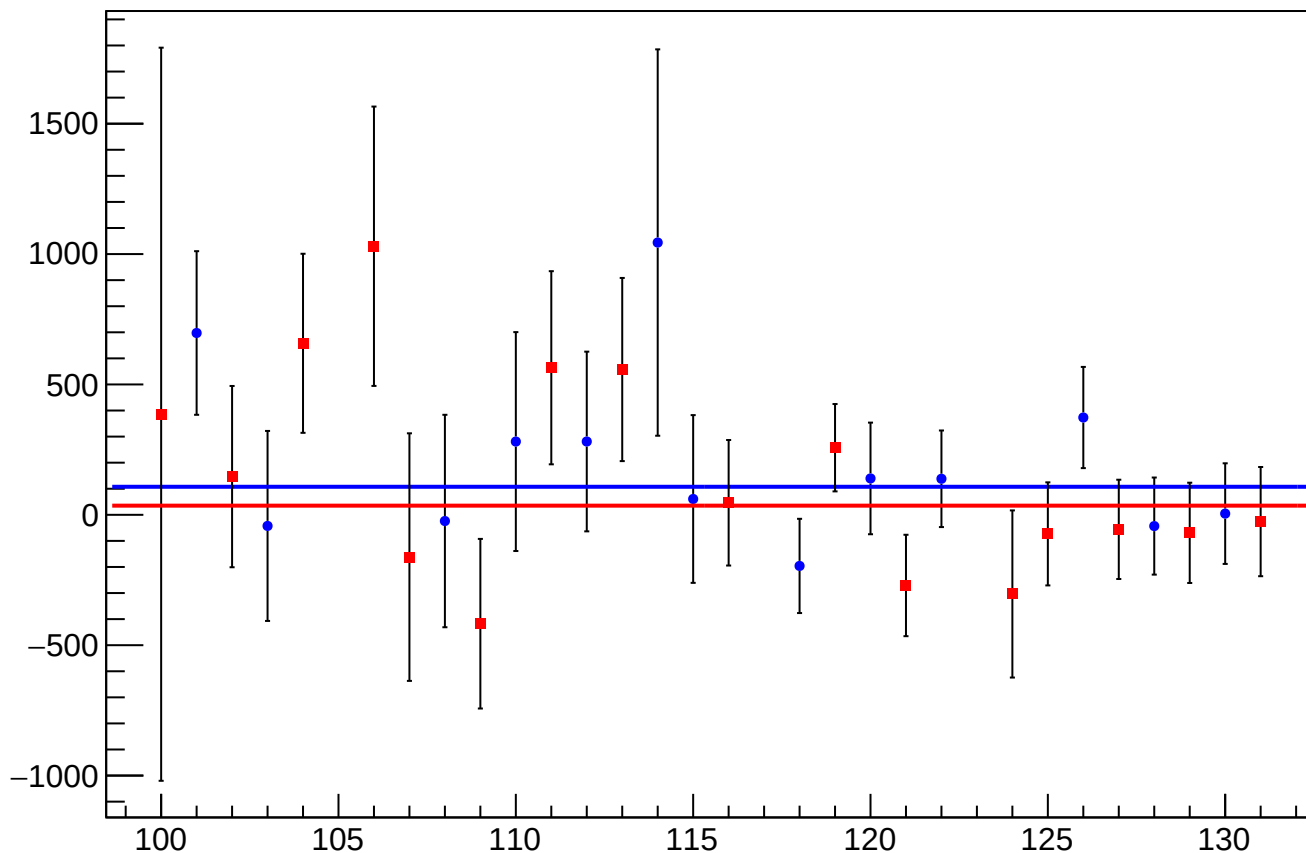
Right: 1568.155+/-0.336 χ^2/NDF : 1902533.5/28

In: 1562.711+/-0.491 χ^2/NDF : 873672.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.155+/-0.336 χ^2/NDF : 1902533.5/28

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 107.581 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.166 $\pm$ 64.261 χ^2 /NDF: 19.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

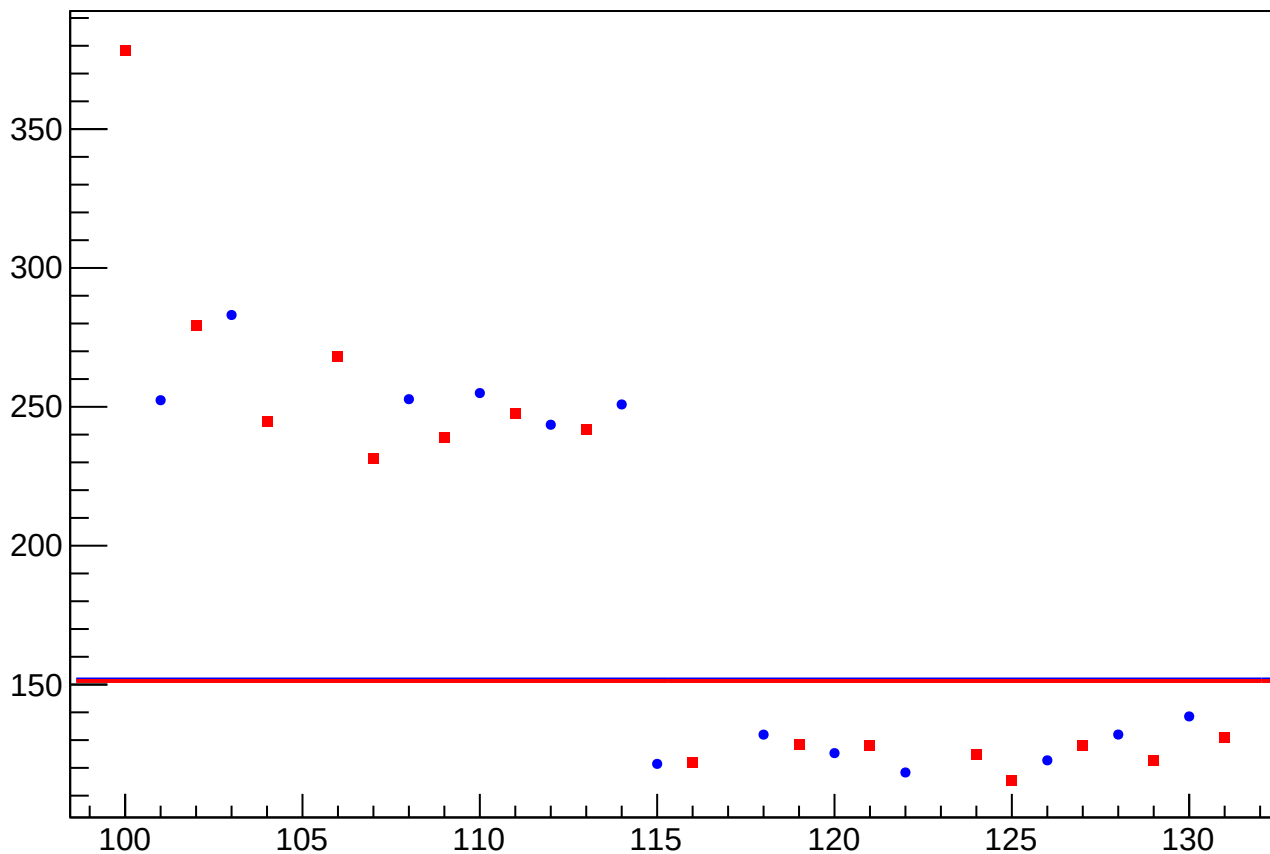
Right: 69.068 $\pm$ 46.864 χ^2 /NDF: 31.7/28

In: 107.581 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.068 $\pm$ 46.864 χ^2 /NDF: 31.7/28

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 151.816+/-0.048 χ^2/NDF : 1101102.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.292+/-0.045 χ^2/NDF : 1304786.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

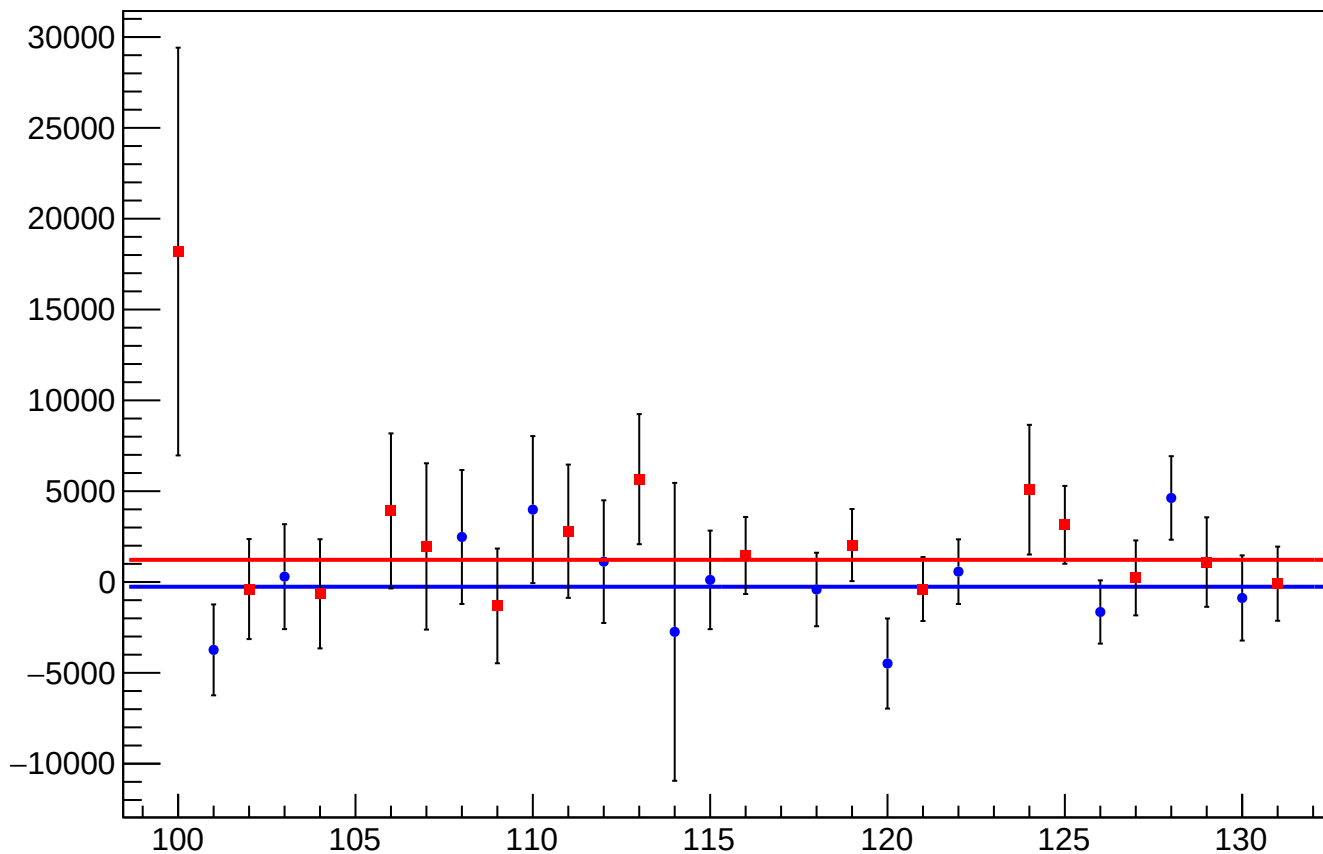
Right: 151.537+/-0.033 χ^2/NDF : 2405950.2/28

In: 151.816+/-0.048 χ^2/NDF : 1101102.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.537+/-0.033 χ^2/NDF : 2405950.2/28

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -259.721+/-694.035 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.855+/-653.474 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

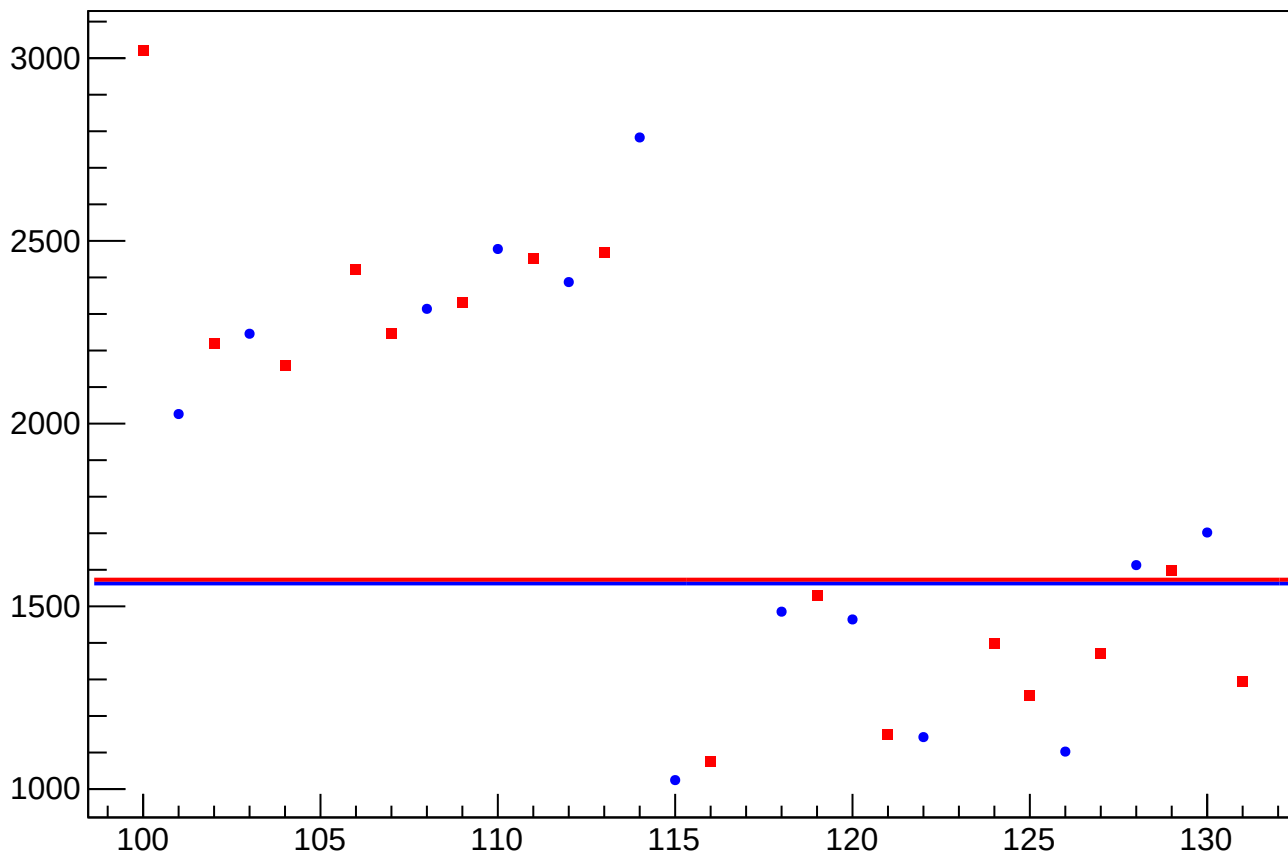
Right: 525.624+/-475.769 χ^2/NDF : 24.1/28

In: -259.721+/-694.035 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.624+/-475.769 χ^2/NDF : 24.1/28

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1562.708+/-0.491 χ^2/NDF : 873659.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1572.979+/-0.462 χ^2/NDF : 1028619.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

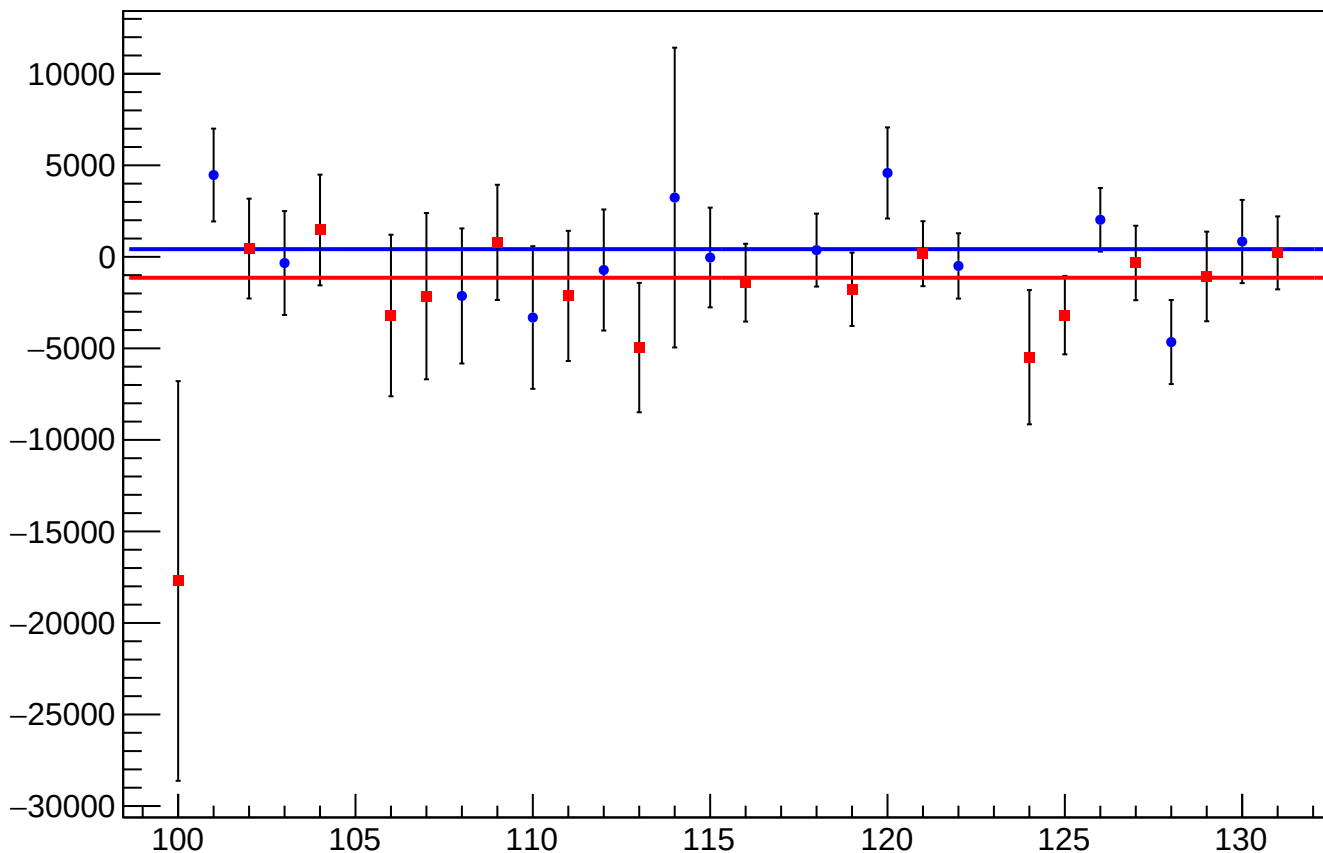
Right: 1568.152+/-0.336 χ^2/NDF : 1902511.1/28

In: 1562.708+/-0.491 χ^2/NDF :873659.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1568.152+/-0.336 χ^2/NDF : 1902511.1/28

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 419.800+/-689.880 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1142.154+/-651.811 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

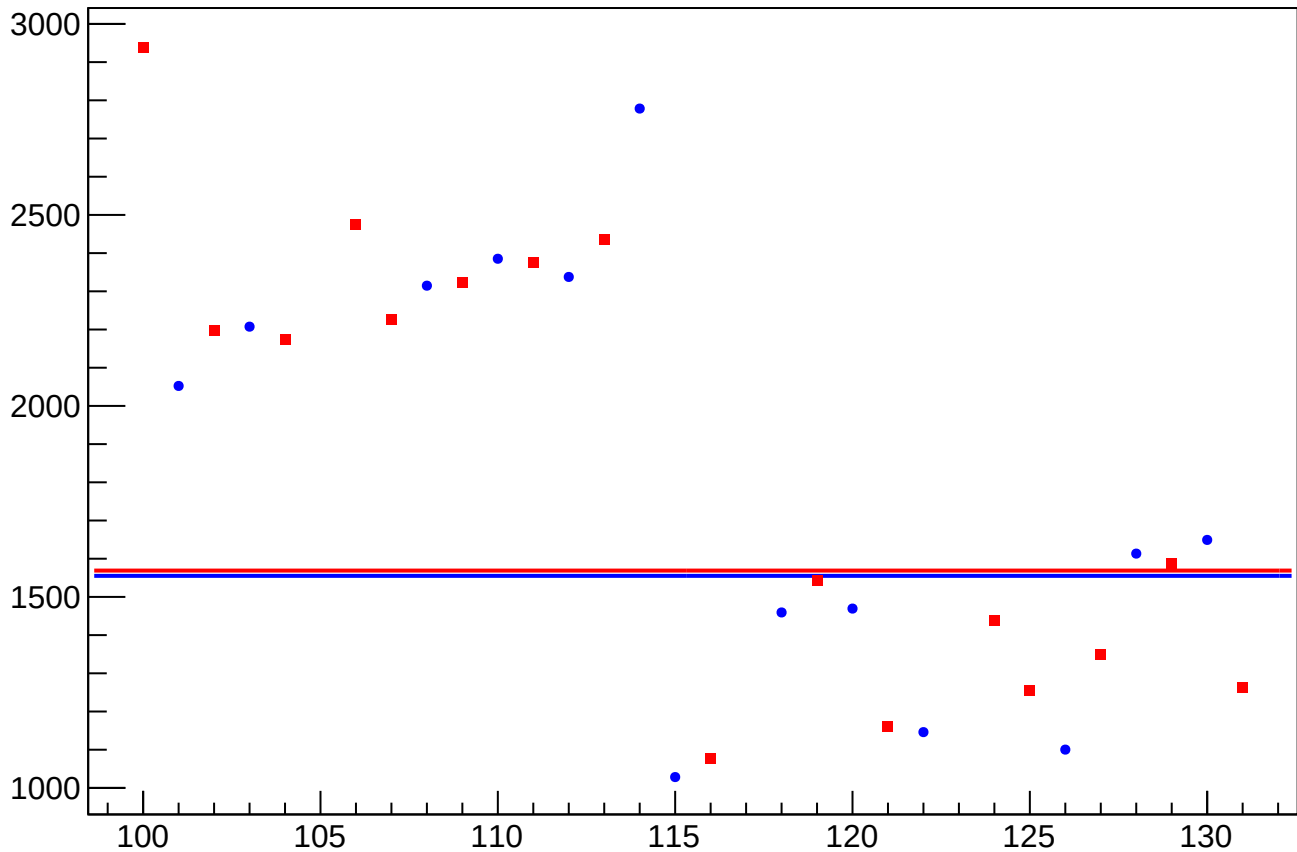
Right: -405.460+/-473.787 χ^2/NDF : 24.7/28

In: 419.800+/-689.880 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -405.460+/-473.787 χ^2/NDF : 24.7/28

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1555.151+/-0.488 χ^2/NDF : 843252.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.942+/-0.461 χ^2/NDF : 1010087.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

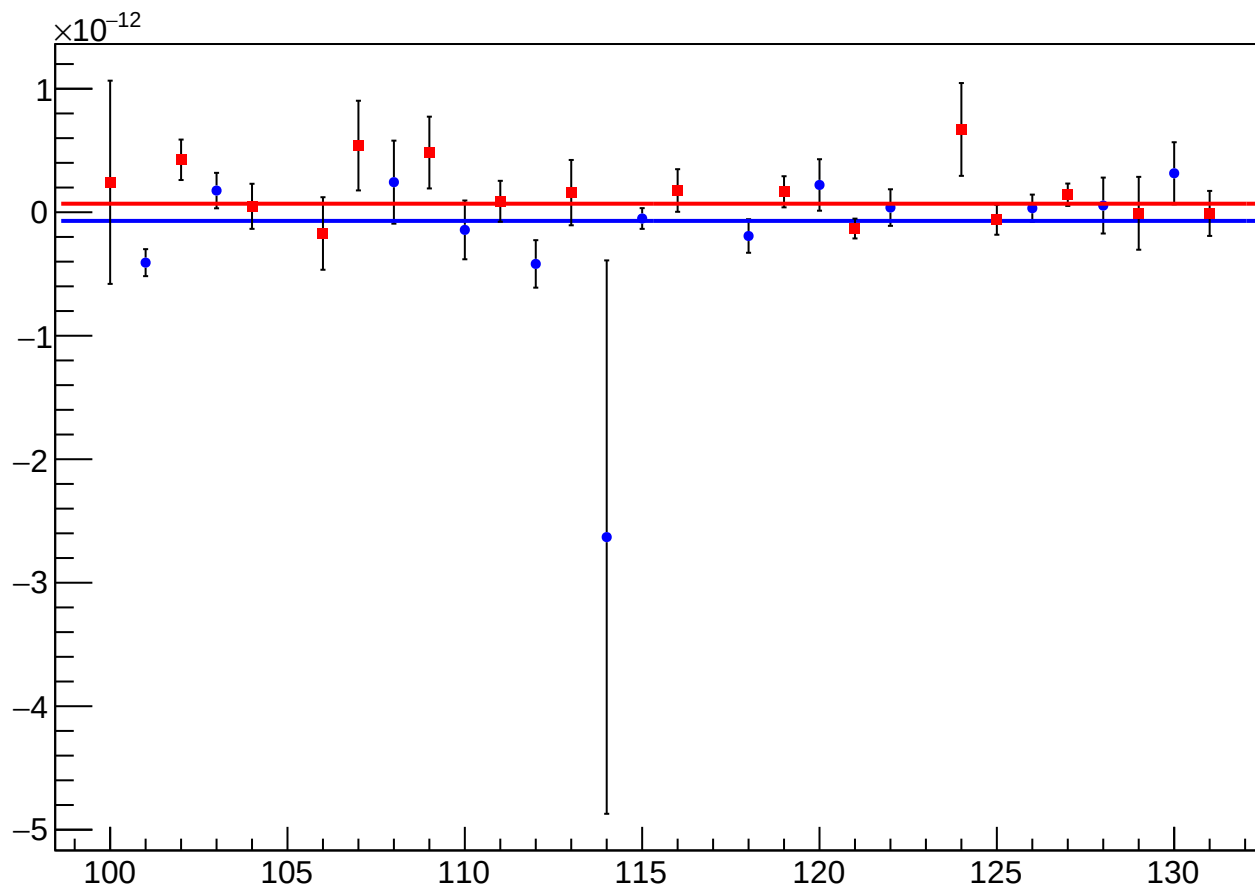
Right: 1562.437+/-0.335 χ^2/NDF : 1853762.2/28

In: 1555.151+/-0.488 χ^2/NDF : 843252.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.437+/-0.335 χ^2/NDF : 1853762.2/28

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 24.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

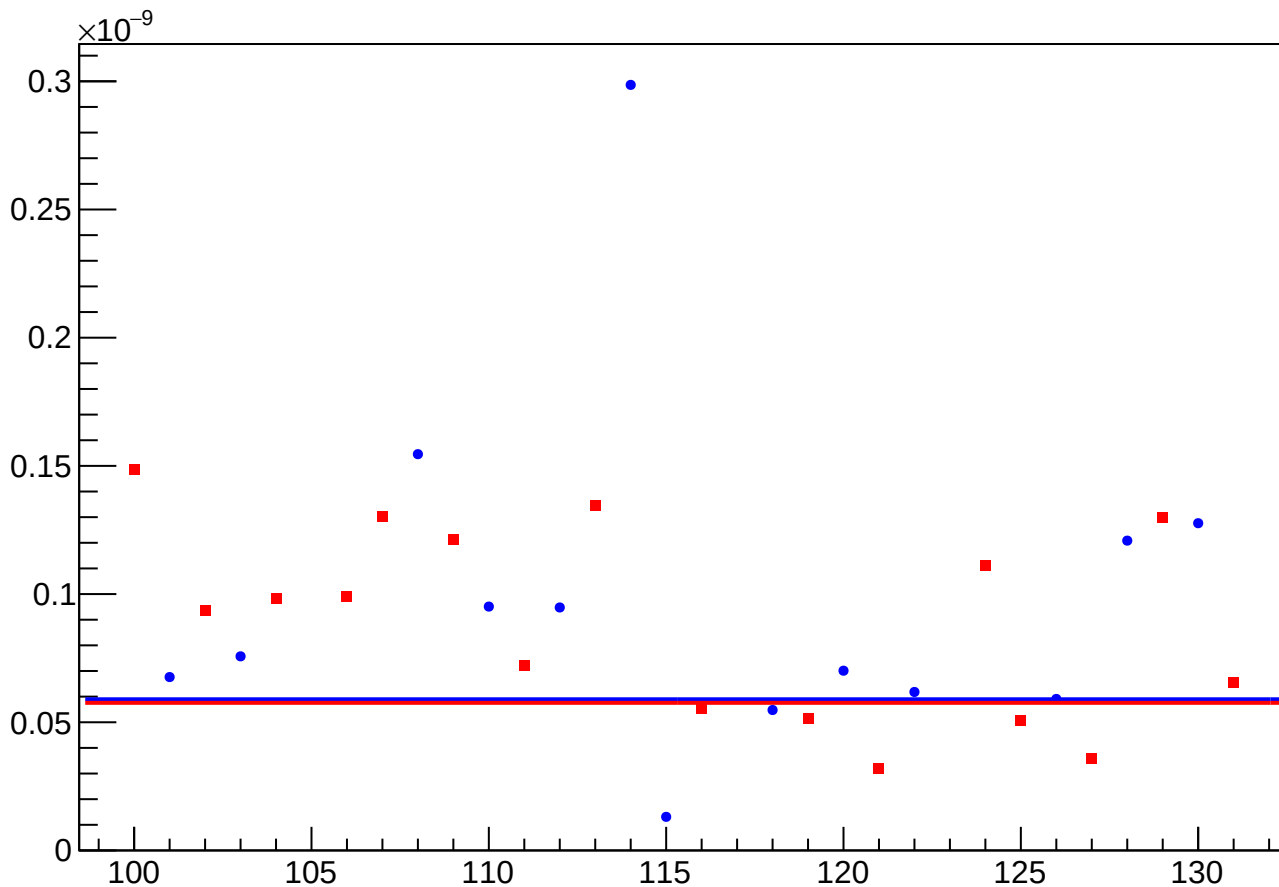
Right: 0.000+/-0.000 χ^2/NDF : 51.9/28

In: -0.000+/-0.000 χ^2/NDF :24.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 51.9/28

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1244144.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1116270.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

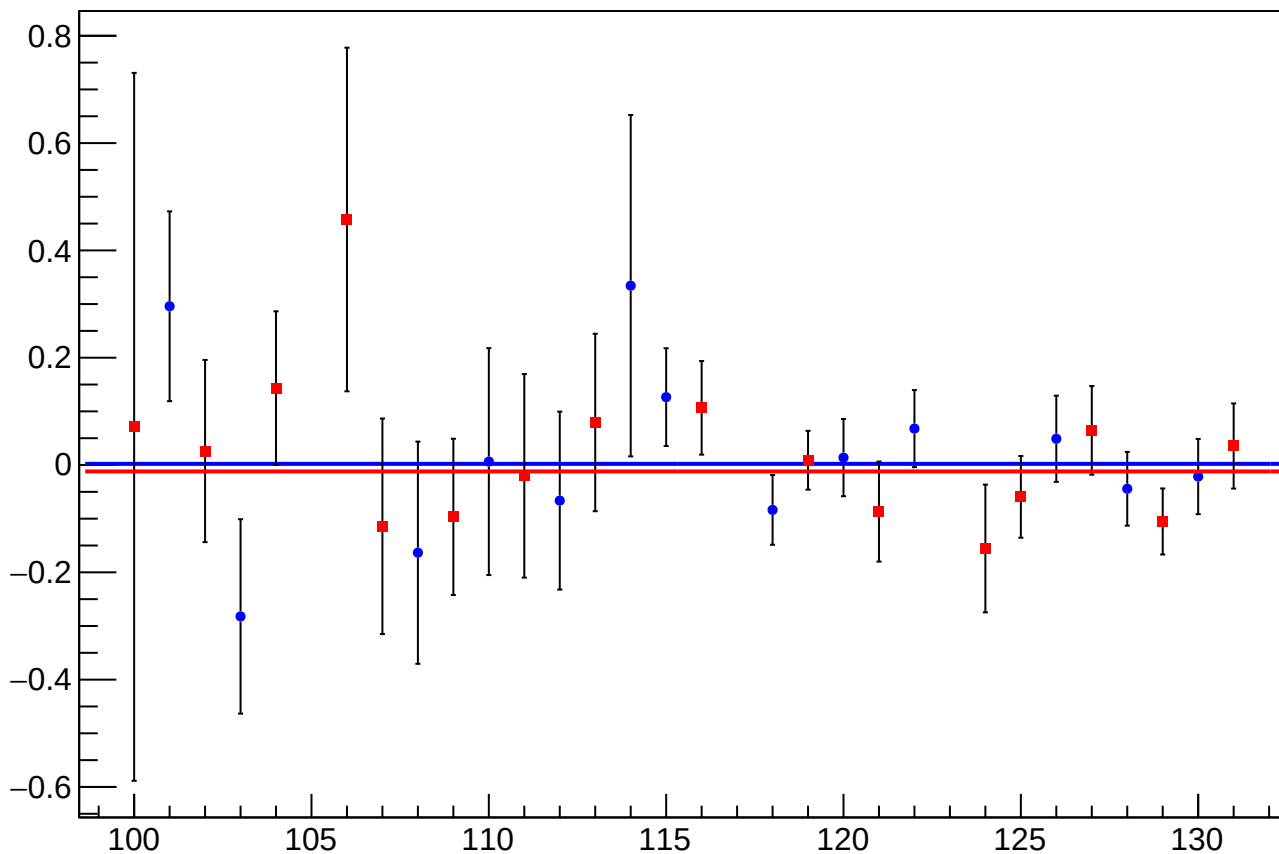
Right: 0.000+/-0.000 χ^2/NDF : 2361562.3/28

In: 0.000+/-0.000 χ^2/NDF : 1244144.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2361562.3/28

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.026 χ^2/NDF : 12.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.025 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

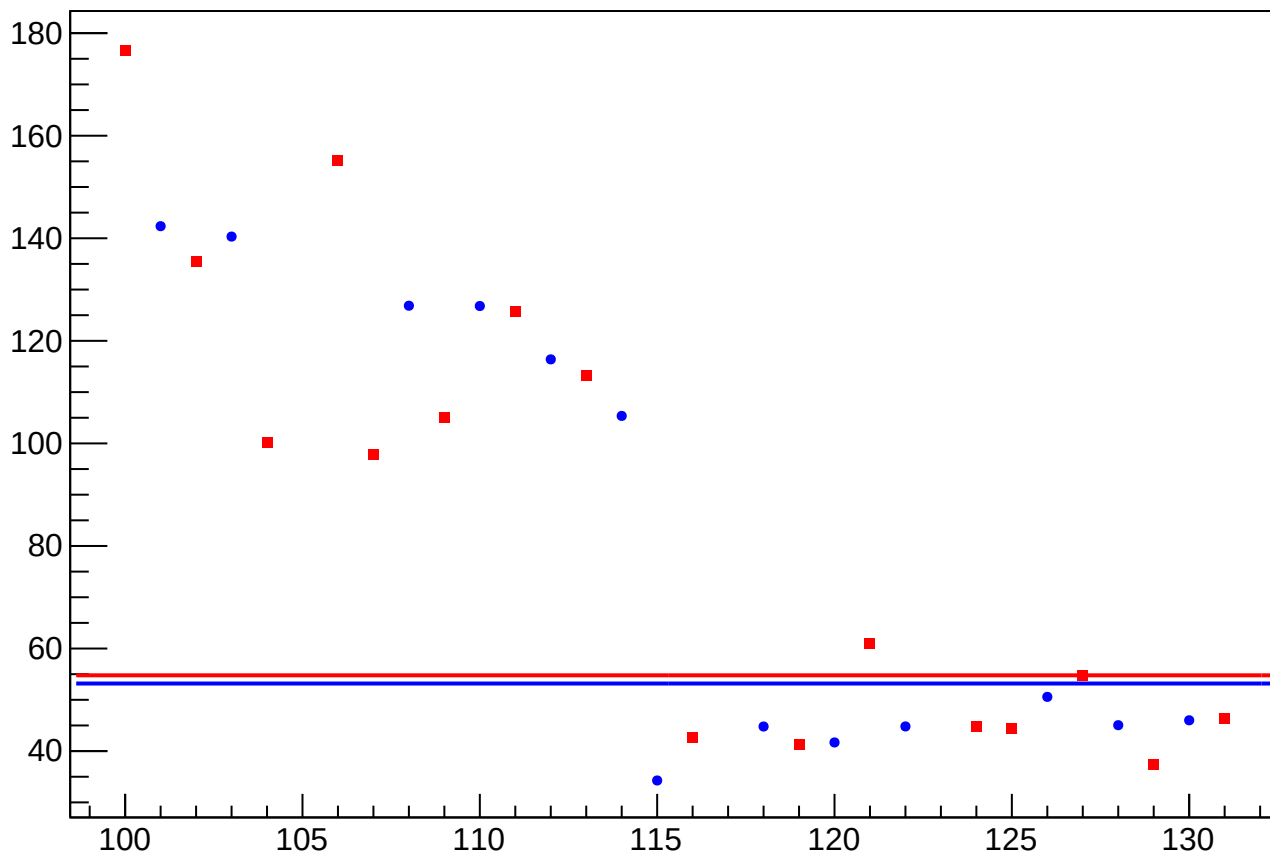
Right: -0.005+/-0.018 χ^2/NDF : 24.9/28

In: 0.002+/-0.026 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.018 χ^2/NDF : 24.9/28

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.780+/-0.018 χ^2/NDF : 2182078.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

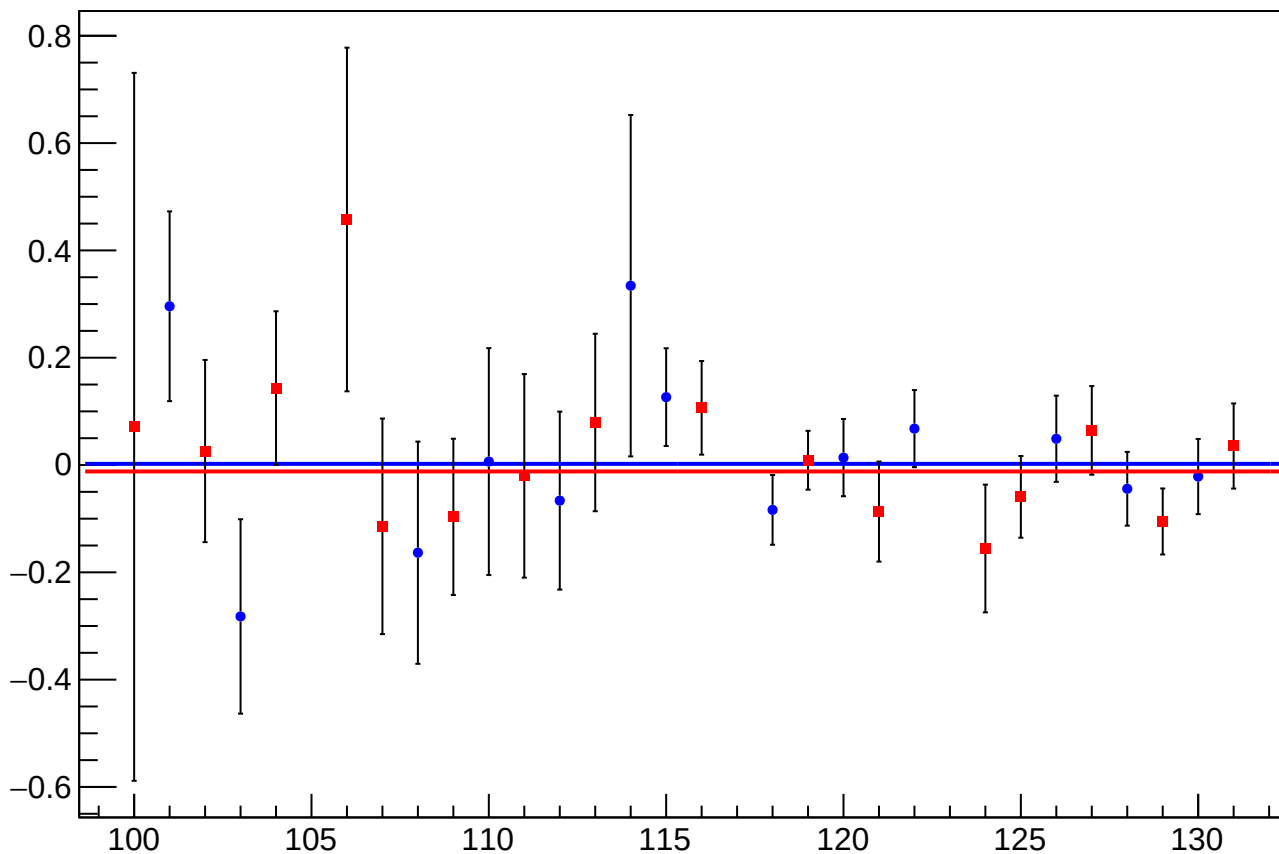
Right: 54.019+/-0.013 χ^2/NDF : 4245746.8/28

In: 53.178+/-0.018 χ^2/NDF :2059710.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.019+/-0.013 χ^2/NDF : 4245746.8/28

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

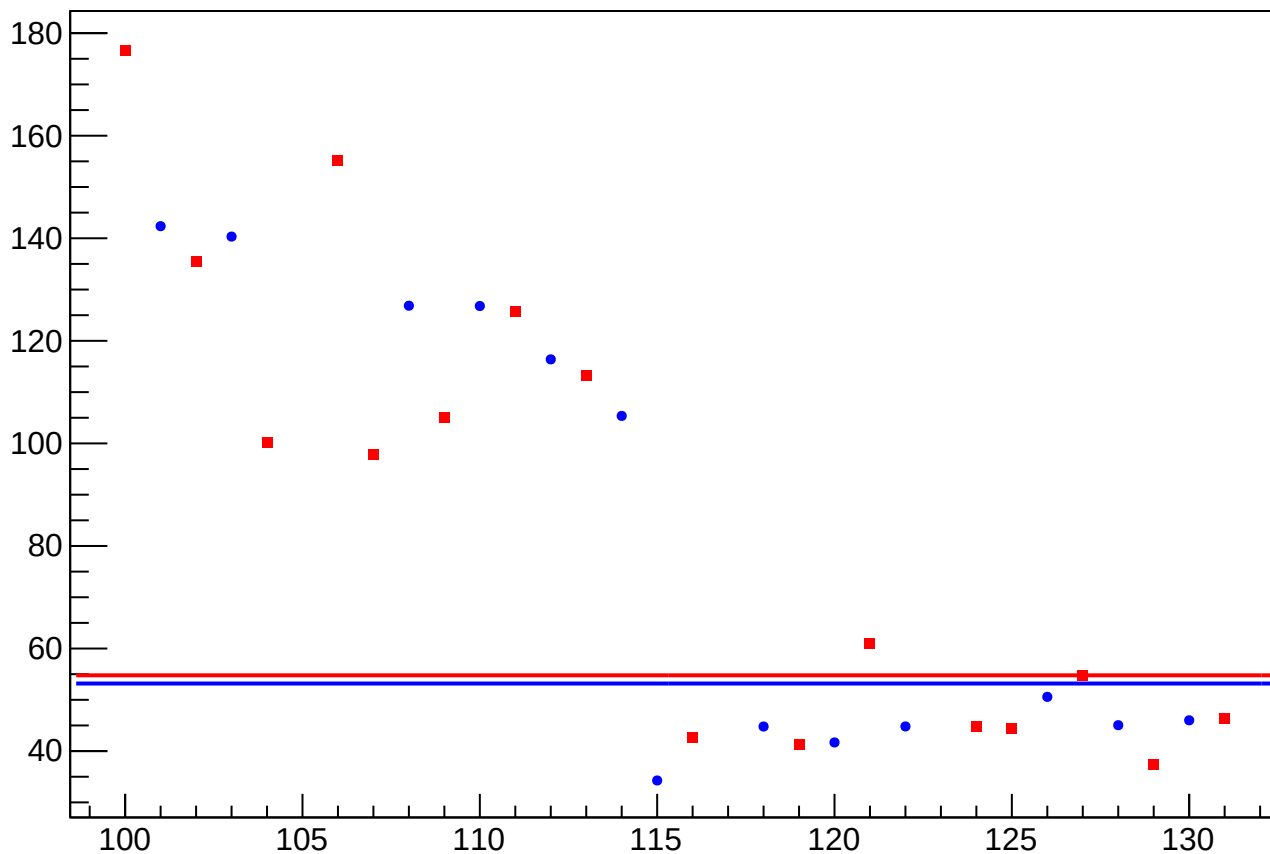
Right: -0.005 $\pm$ 0.018 χ^2 /NDF: 24.9/28

In: 0.002 $\pm$ 0.026 χ^2 /NDF:12.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.018 χ^2 /NDF: 24.9/28

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.780+/-0.018 χ^2/NDF : 2182078.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

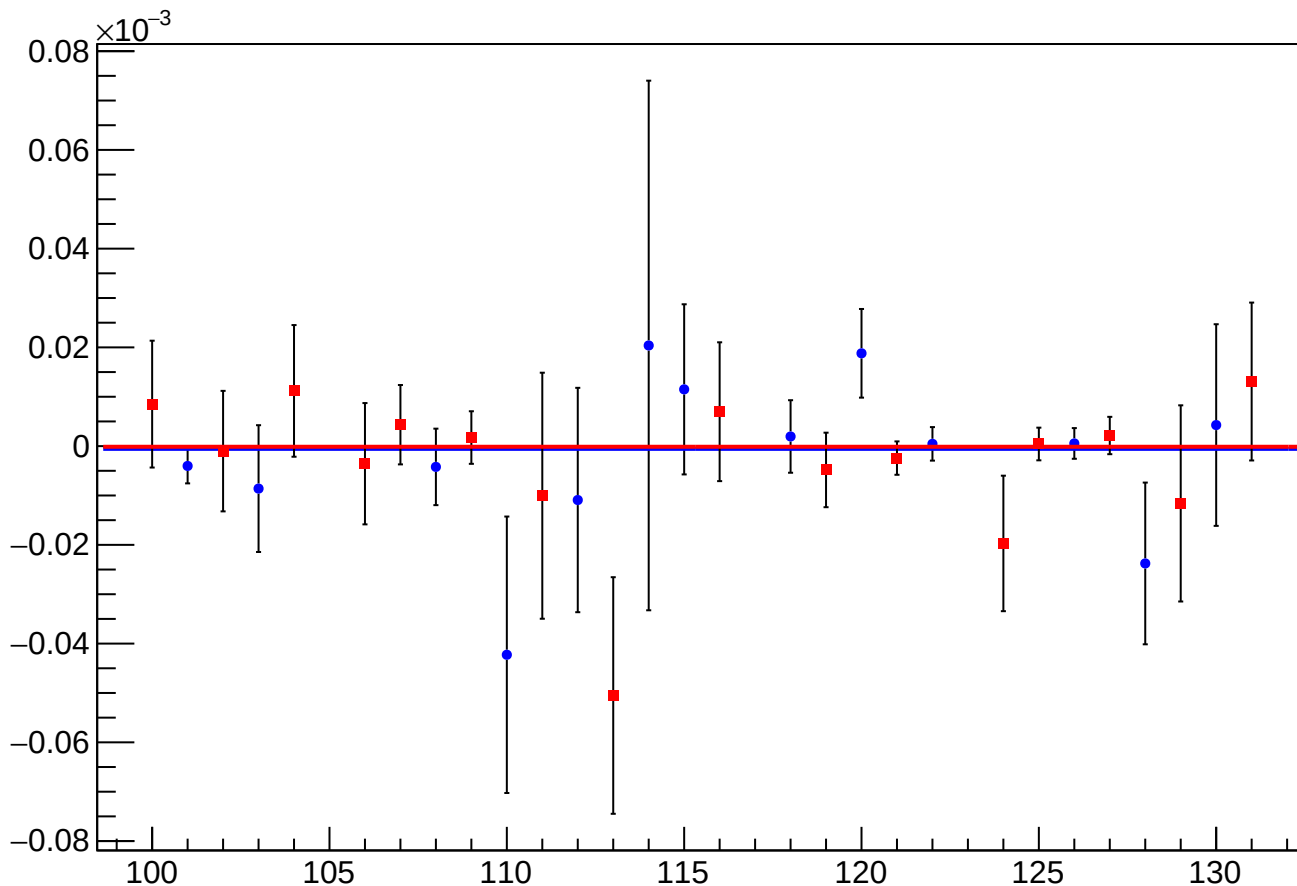
Right: 54.019+/-0.013 χ^2/NDF : 4245746.8/28

In: 53.178+/-0.018 χ^2/NDF :2059710.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.019+/-0.013 χ^2/NDF : 4245746.8/28

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

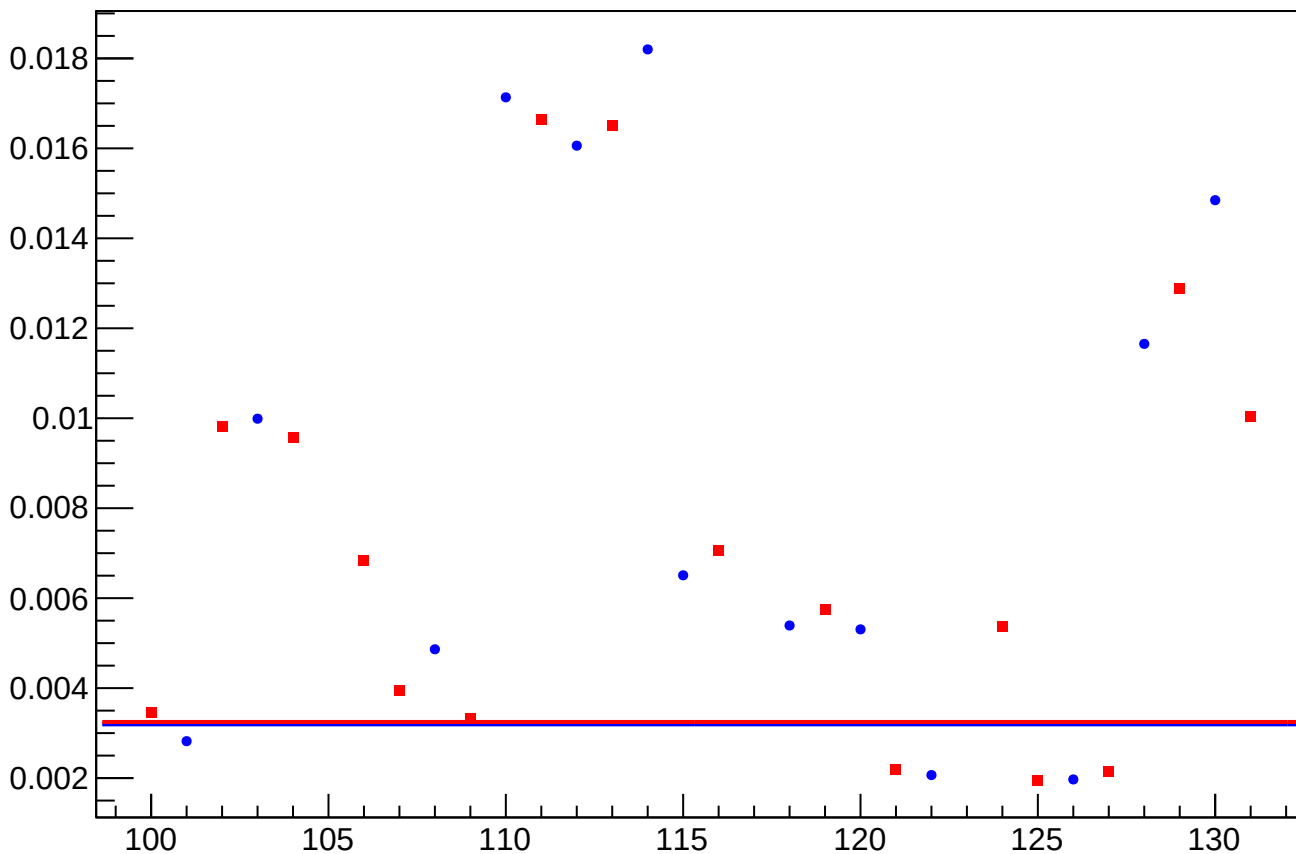
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/28

In: -0.000 $\pm$ 0.000 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/28

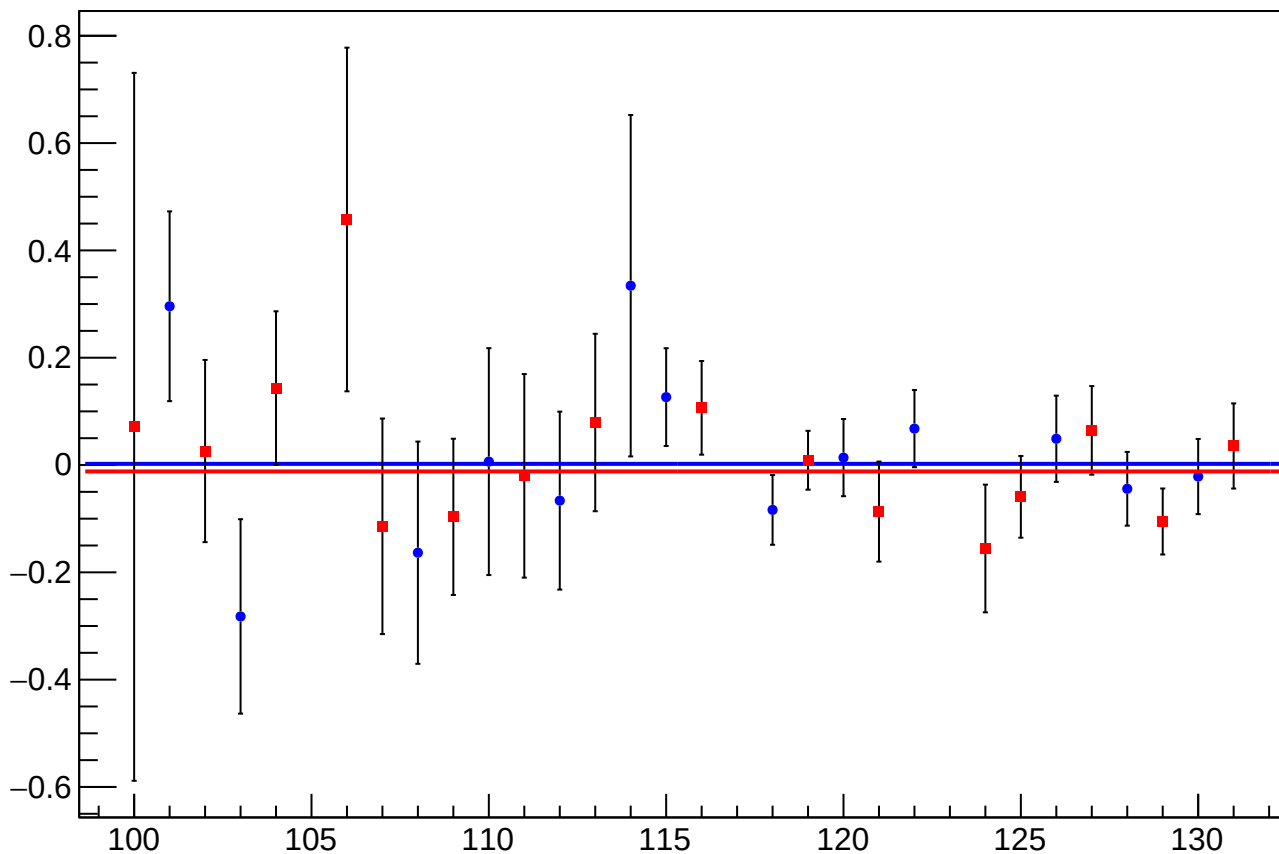
asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4047706.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.003+/-0.000 χ^2/NDF : 4327625.2/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.003+/-0.000 χ^2/NDF : 8376325.0/28
 In: 0.003+/-0.000 χ^2/NDF :4047706.4/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 8376325.0/28

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

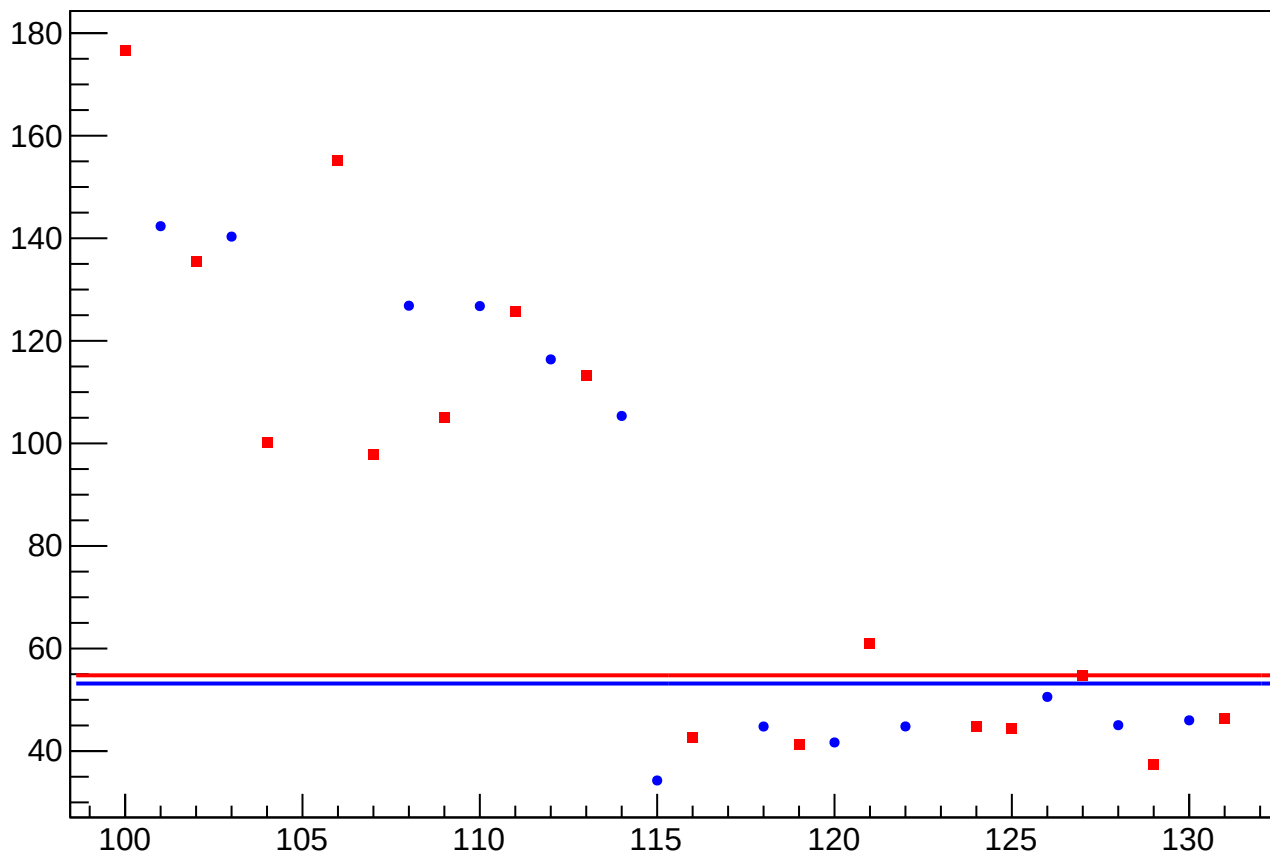
Right: -0.005 $\pm$ 0.018 χ^2 /NDF: 24.9/28

In: 0.002 $\pm$ 0.026 χ^2 /NDF:12.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.018 χ^2 /NDF: 24.9/28

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.177+/-0.018 χ^2/NDF : 2059644.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.779+/-0.018 χ^2/NDF : 2182017.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

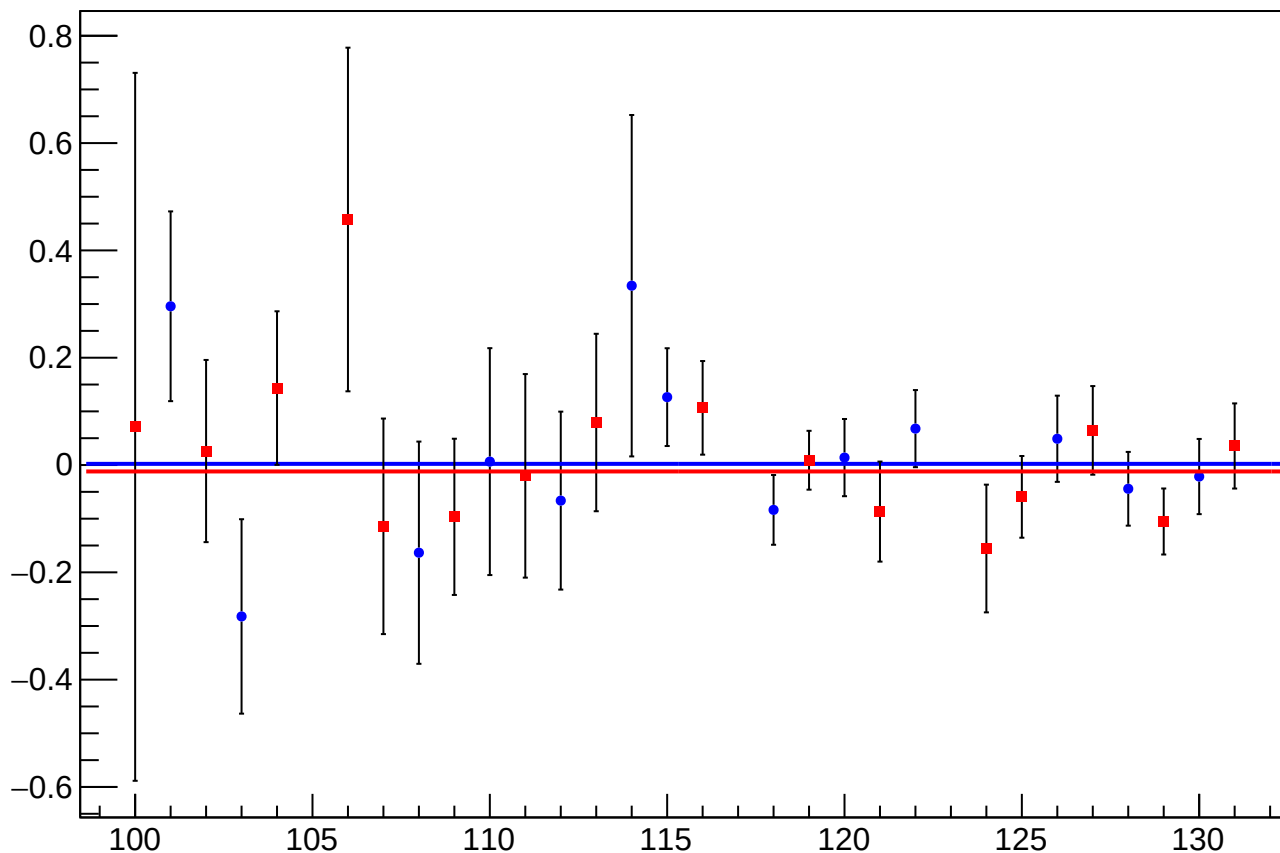
Right: 54.018+/-0.013 χ^2/NDF : 4245618.4/28

In: 53.177+/-0.018 χ^2/NDF :2059644.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.018+/-0.013 χ^2/NDF : 4245618.4/28

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

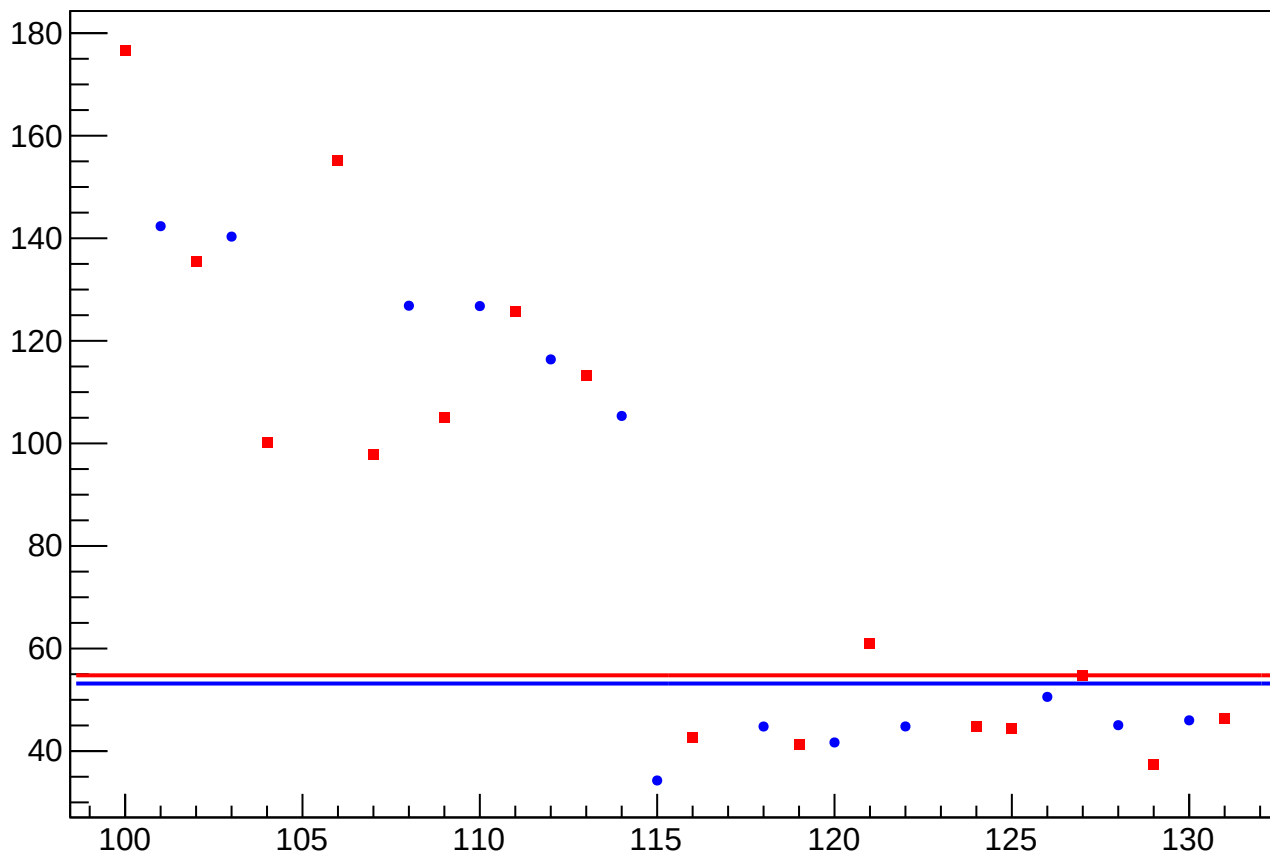
Right: -0.005 $\pm$ 0.018 χ^2 /NDF: 24.9/28

In: 0.002 $\pm$ 0.026 χ^2 /NDF:12.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.018 χ^2 /NDF: 24.9/28

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.177+/-0.018 χ^2/NDF : 2059644.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.779+/-0.018 χ^2/NDF : 2182017.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

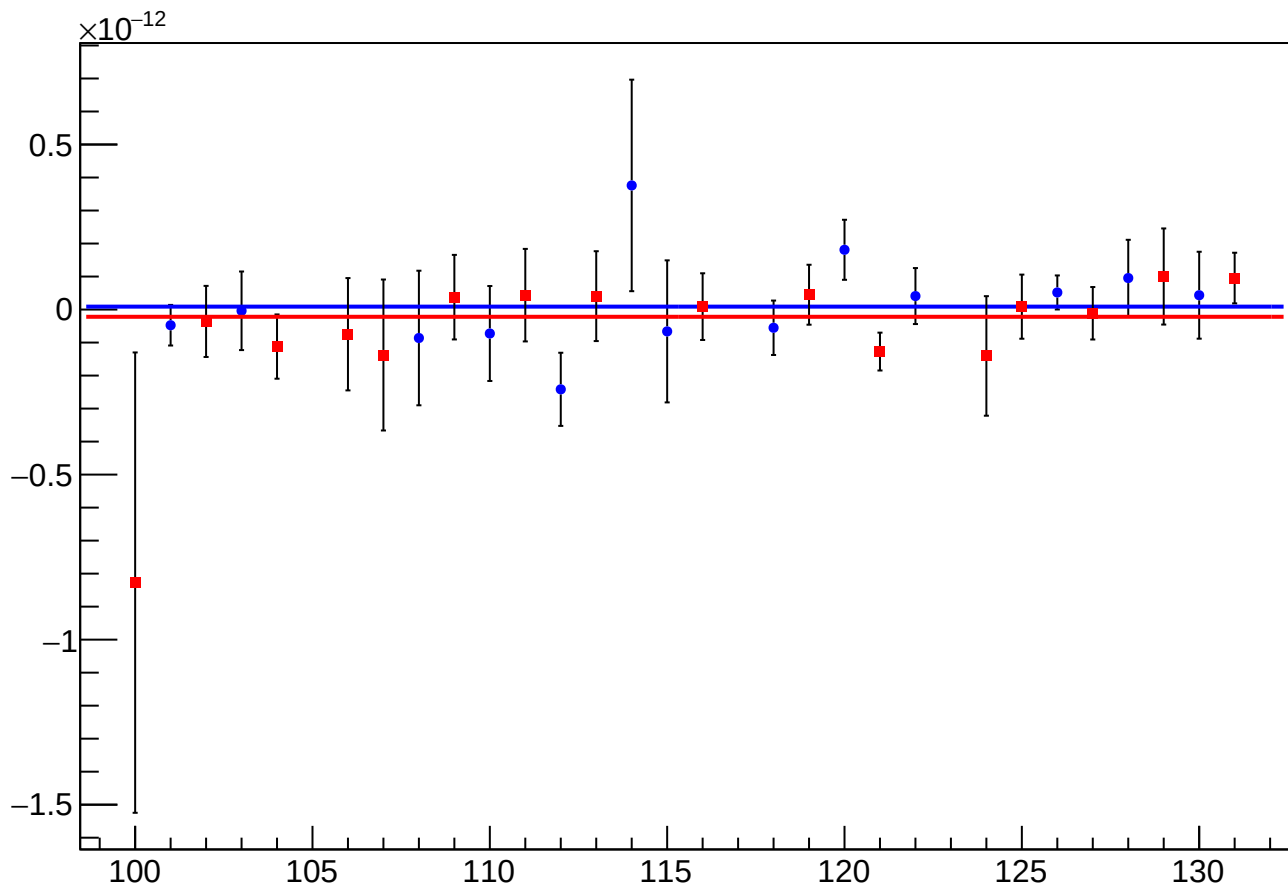
Right: 54.018+/-0.013 χ^2/NDF : 4245618.4/28

In: 53.177+/-0.018 χ^2/NDF :2059644.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.018+/-0.013 χ^2/NDF : 4245618.4/28

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 13.6/12

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

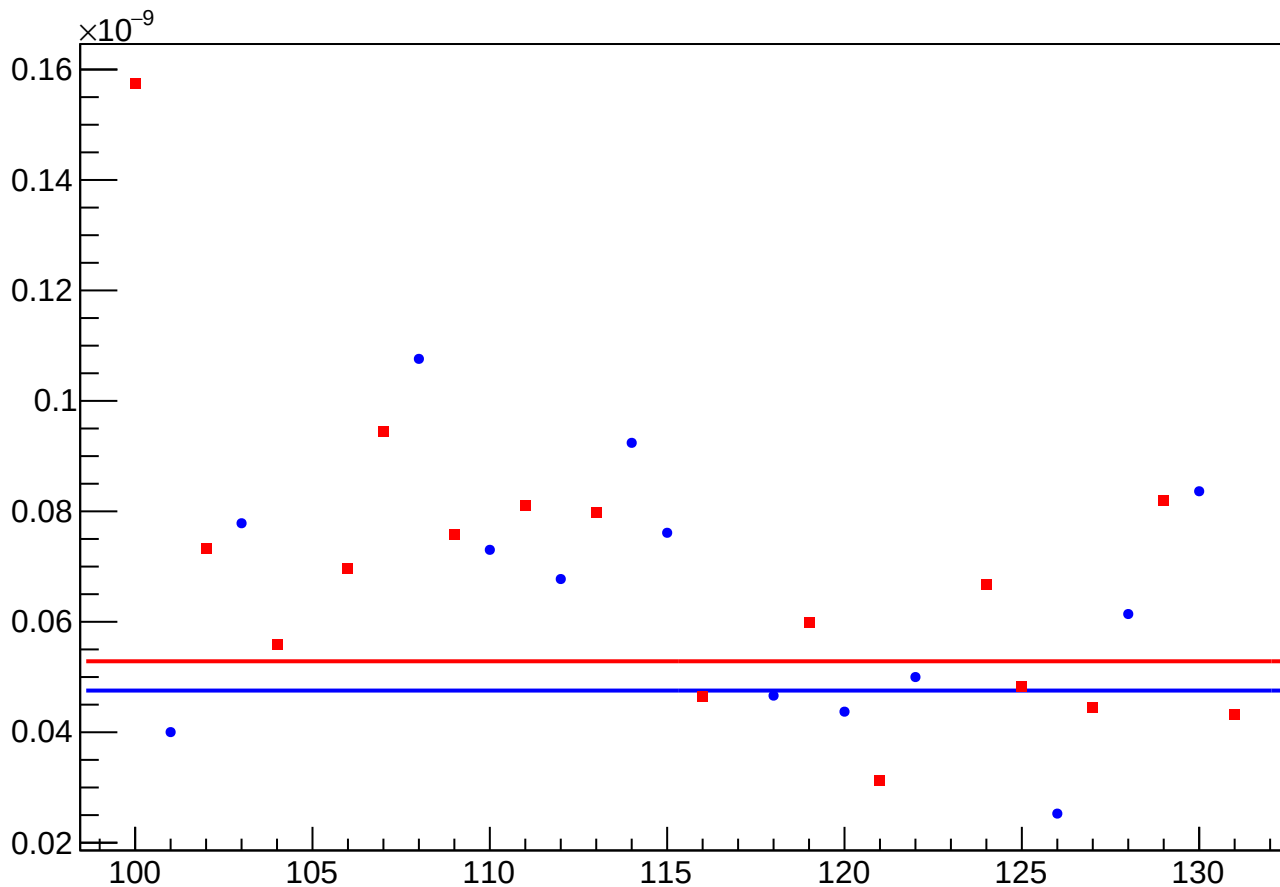
Right: -0.000 ± 0.000 χ^2/NDF : 25.1/28

In: 0.000 ± 0.000 χ^2/NDF : 13.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.1/28

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1094560.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 881322.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

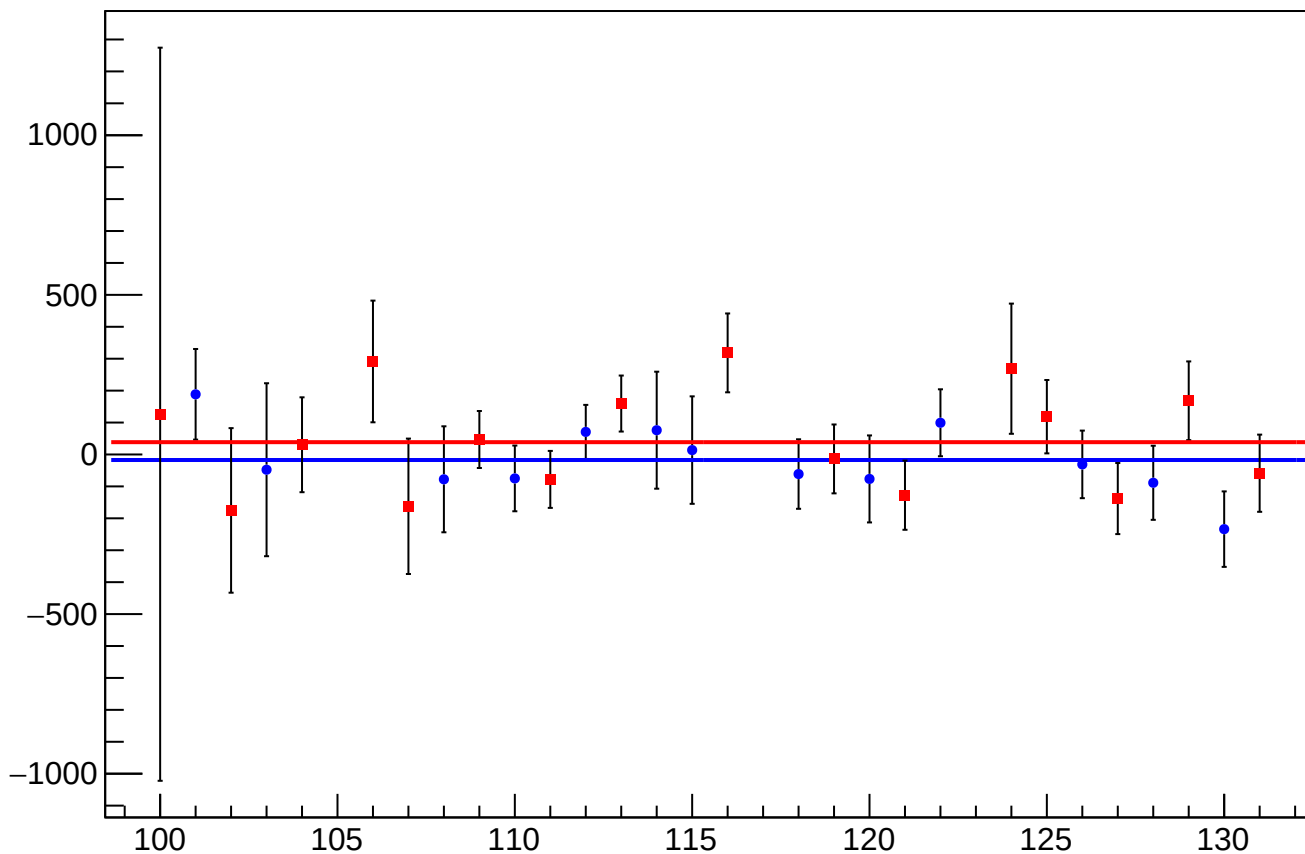
Right: 0.000+/-0.000 χ^2/NDF : 2016429.2/28

In: 0.000+/-0.000 χ^2/NDF : 1094560.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2016429.2/28

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.330+/-34.048 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 38.542+/-30.961 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

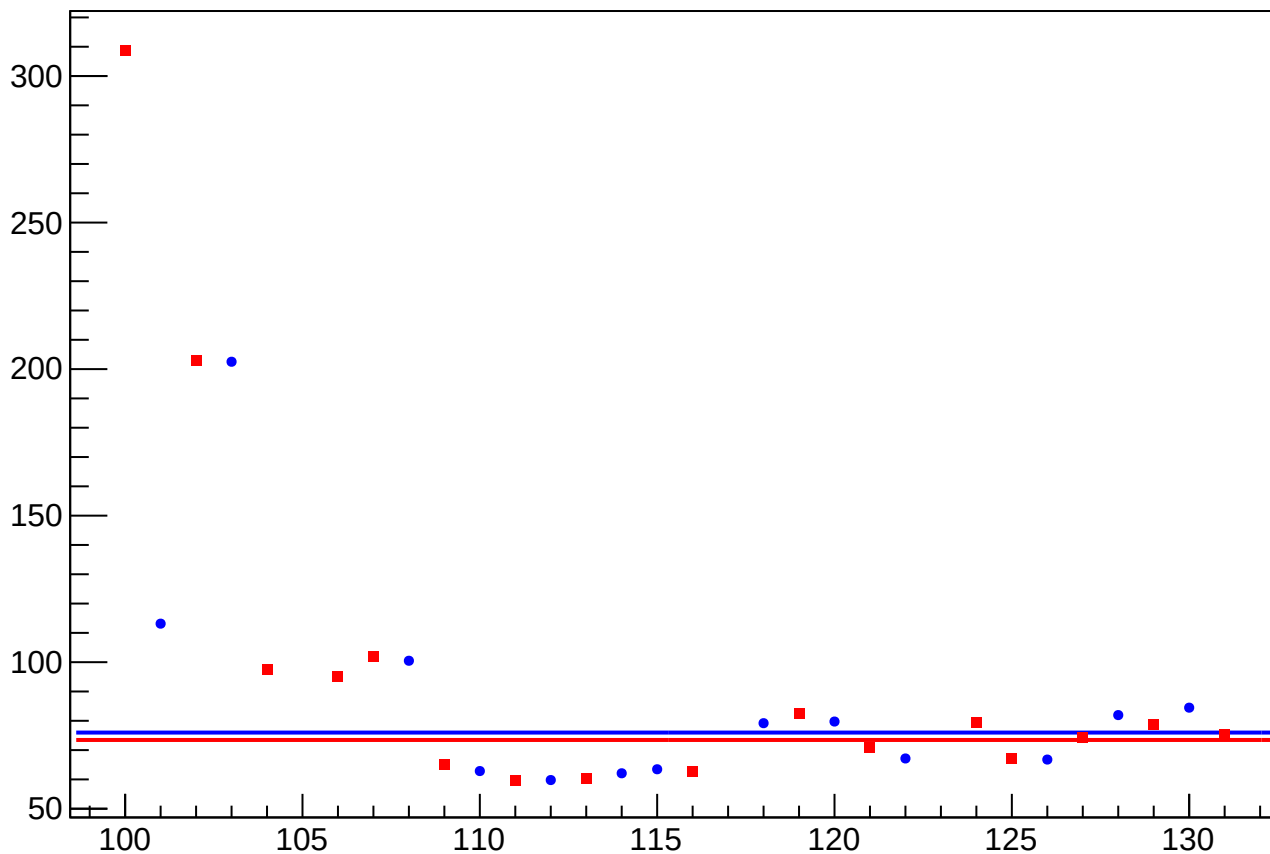
Right: 13.253+/-22.907 χ^2/NDF : 31.5/28

In: -17.330+/-34.048 χ^2/NDF :9.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13.253+/-22.907 χ^2/NDF : 31.5/28

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.985+/-0.024 χ^2/NDF : 793417.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.459+/-0.022 χ^2/NDF : 853763.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

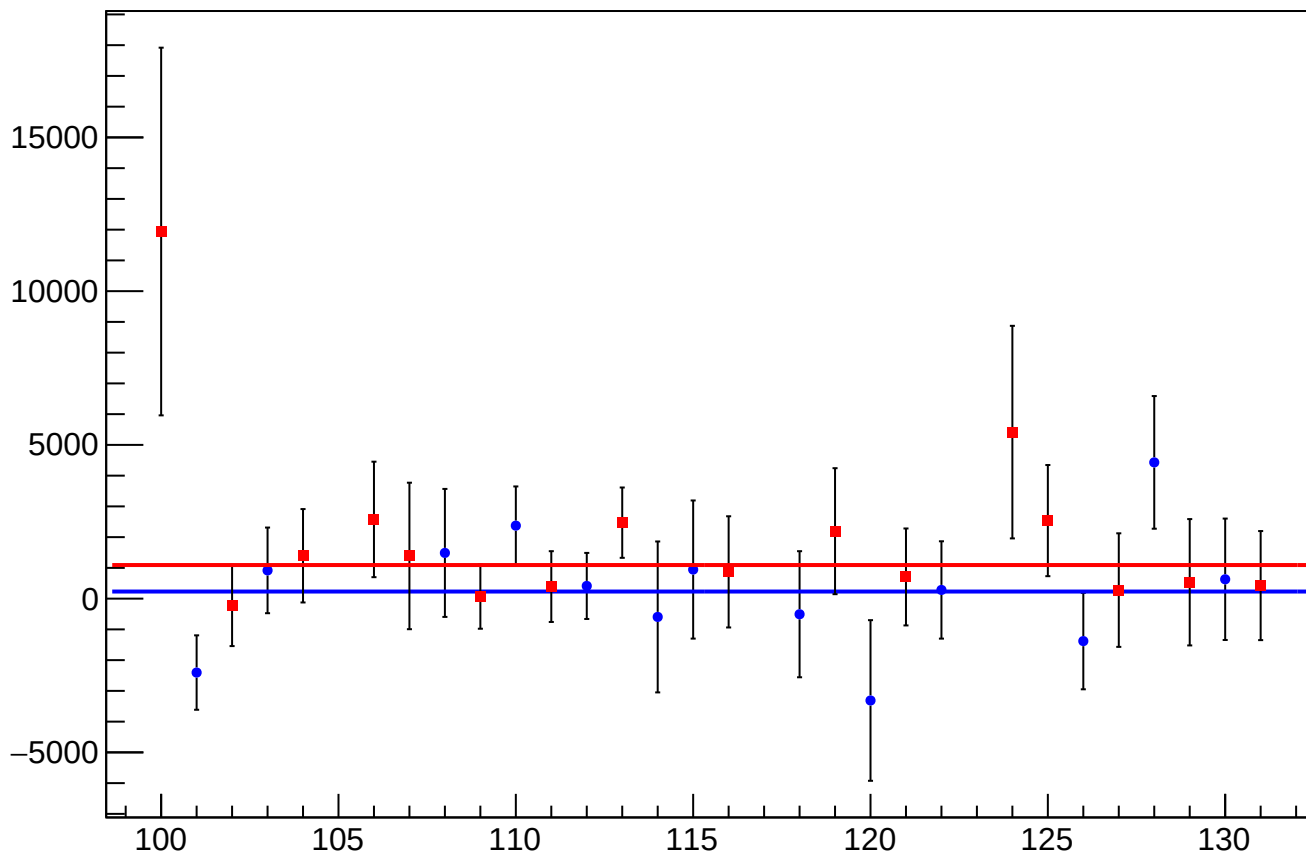
Right: 74.602+/-0.016 χ^2/NDF : 1653208.1/28

In: 75.985+/-0.024 χ^2/NDF : 793417.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.602+/-0.016 χ^2/NDF : 1653208.1/28

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 231.032 $\pm$ 450.100 χ^2 /NDF: 15.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1092.619 $\pm$ 404.499 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

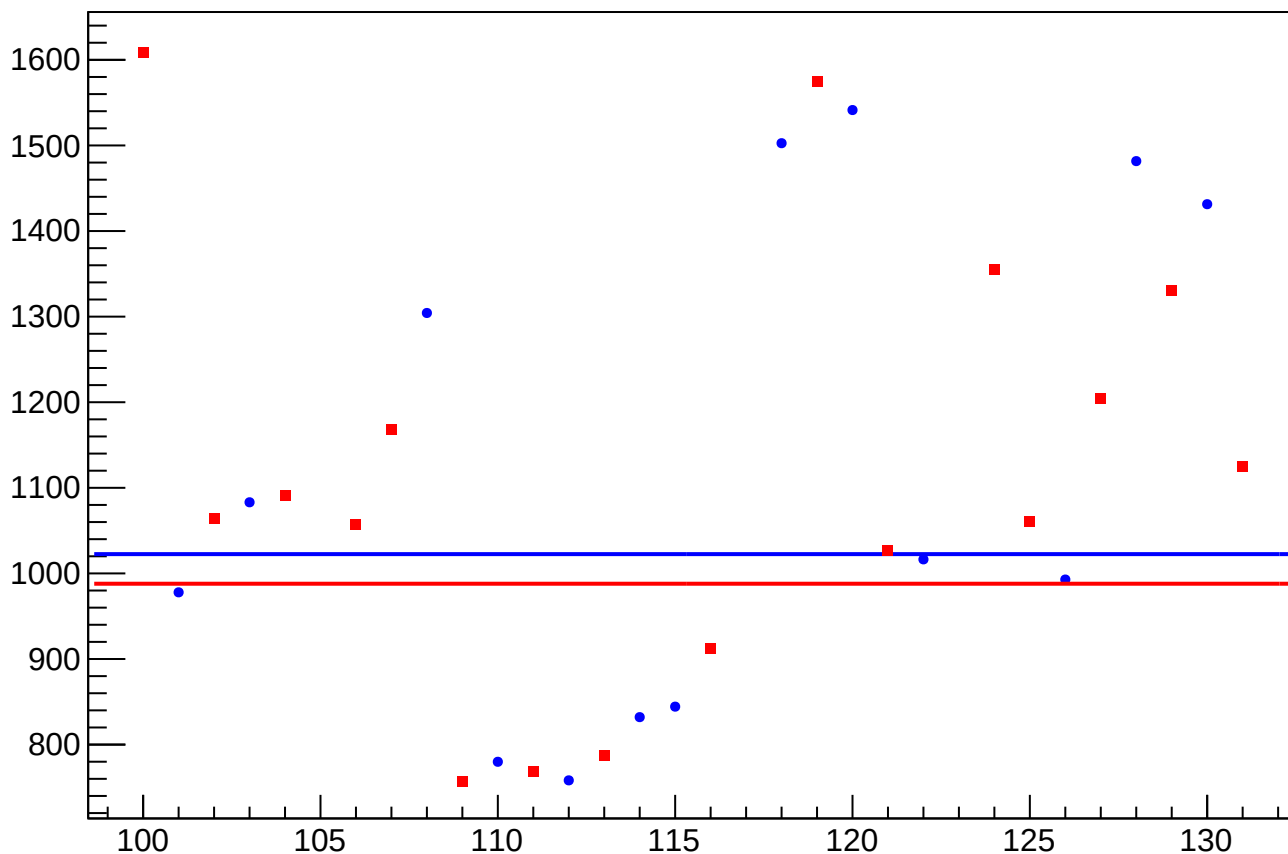
Right: 707.670 $\pm$ 300.858 χ^2 /NDF: 28.0/28

In: 231.032 $\pm$ 450.100 χ^2 /NDF:15.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 707.670 $\pm$ 300.858 χ^2 /NDF: 28.0/28

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1022.534+/-0.318 χ^2/NDF : 626912.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 987.951+/-0.286 χ^2/NDF : 572915.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

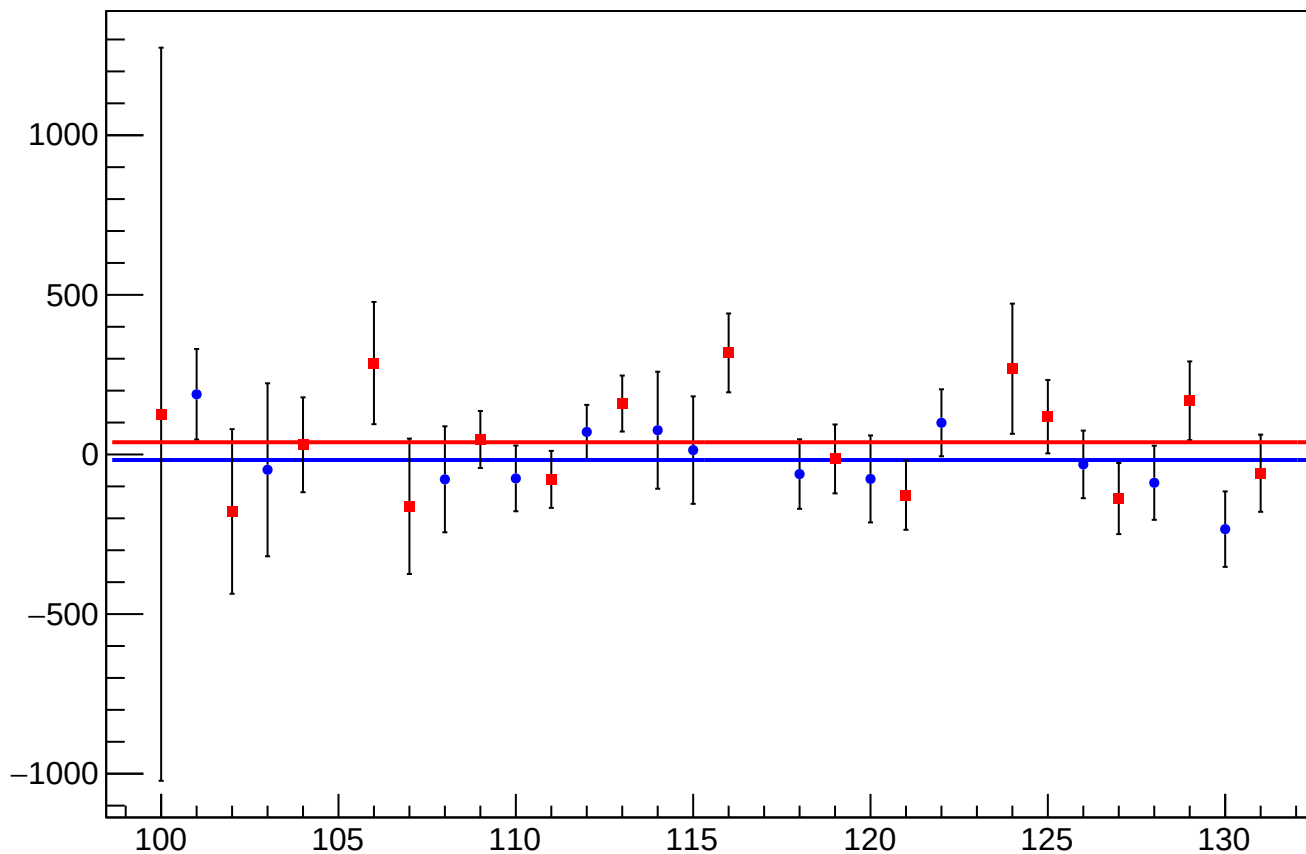
Right: 1003.402+/-0.213 χ^2/NDF : 1206359.4/28

In: 1022.534+/-0.318 χ^2/NDF : 626912.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.402+/-0.213 χ^2/NDF : 1206359.4/28

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.338 ± 34.048 χ^2/NDF : 9.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 38.304 ± 30.965 χ^2/NDF : 20.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

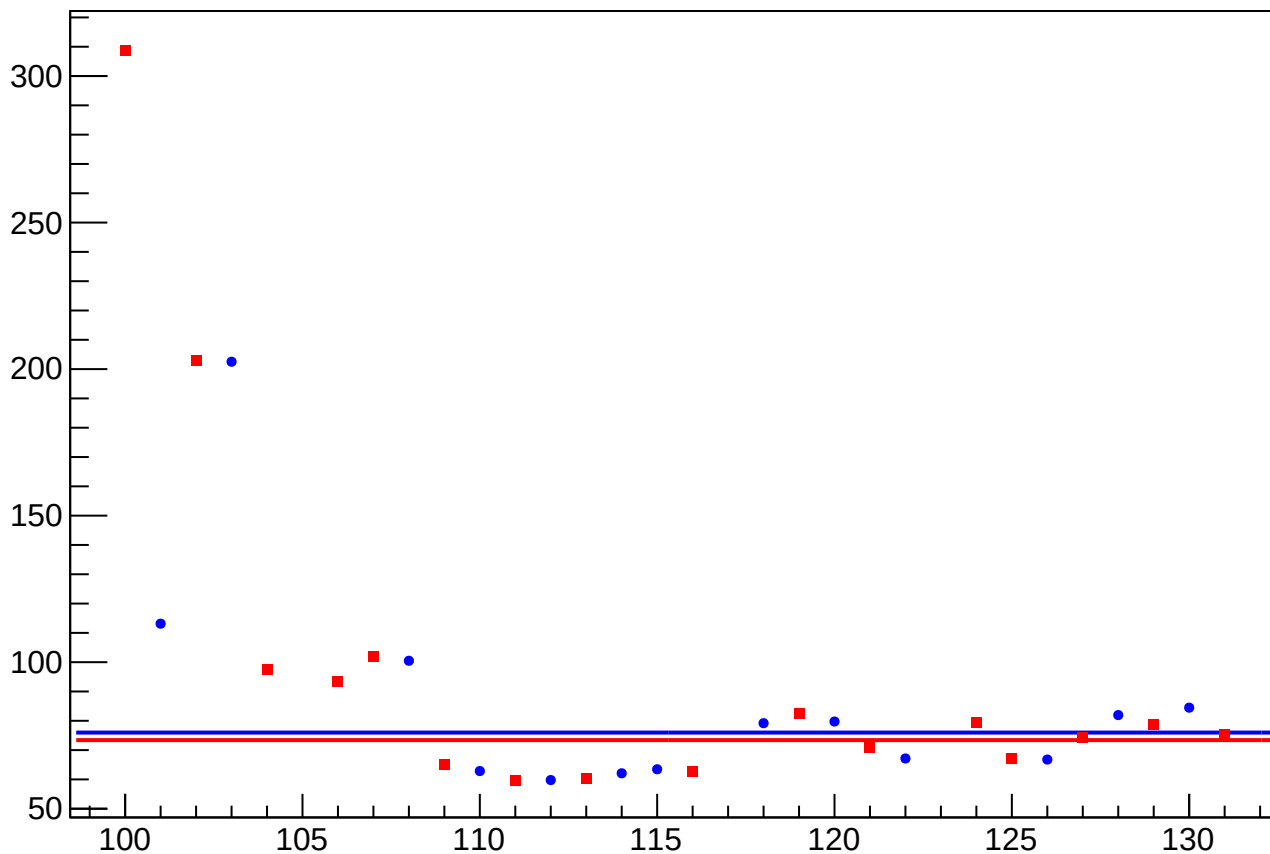
Right: 13.116 ± 22.908 χ^2/NDF : 31.4/28

In: -17.338 ± 34.048 χ^2/NDF : 9.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 13.116 ± 22.908 χ^2/NDF : 31.4/28

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.409+/-0.022 χ^2/NDF : 849903.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

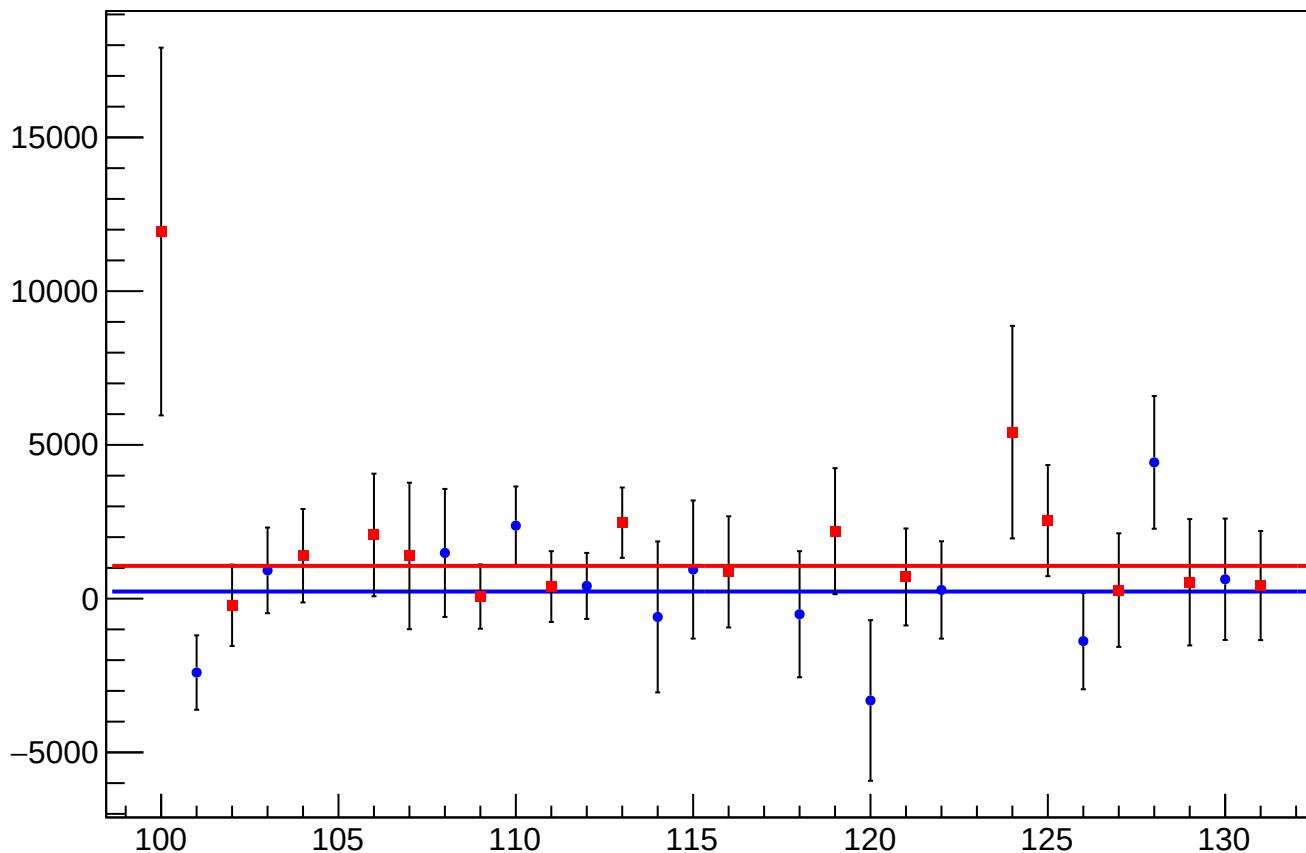
Right: 74.575+/-0.016 χ^2/NDF : 1649589.1/28

In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.575+/-0.016 χ^2/NDF : 1649589.1/28

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1064.731+/-405.594 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

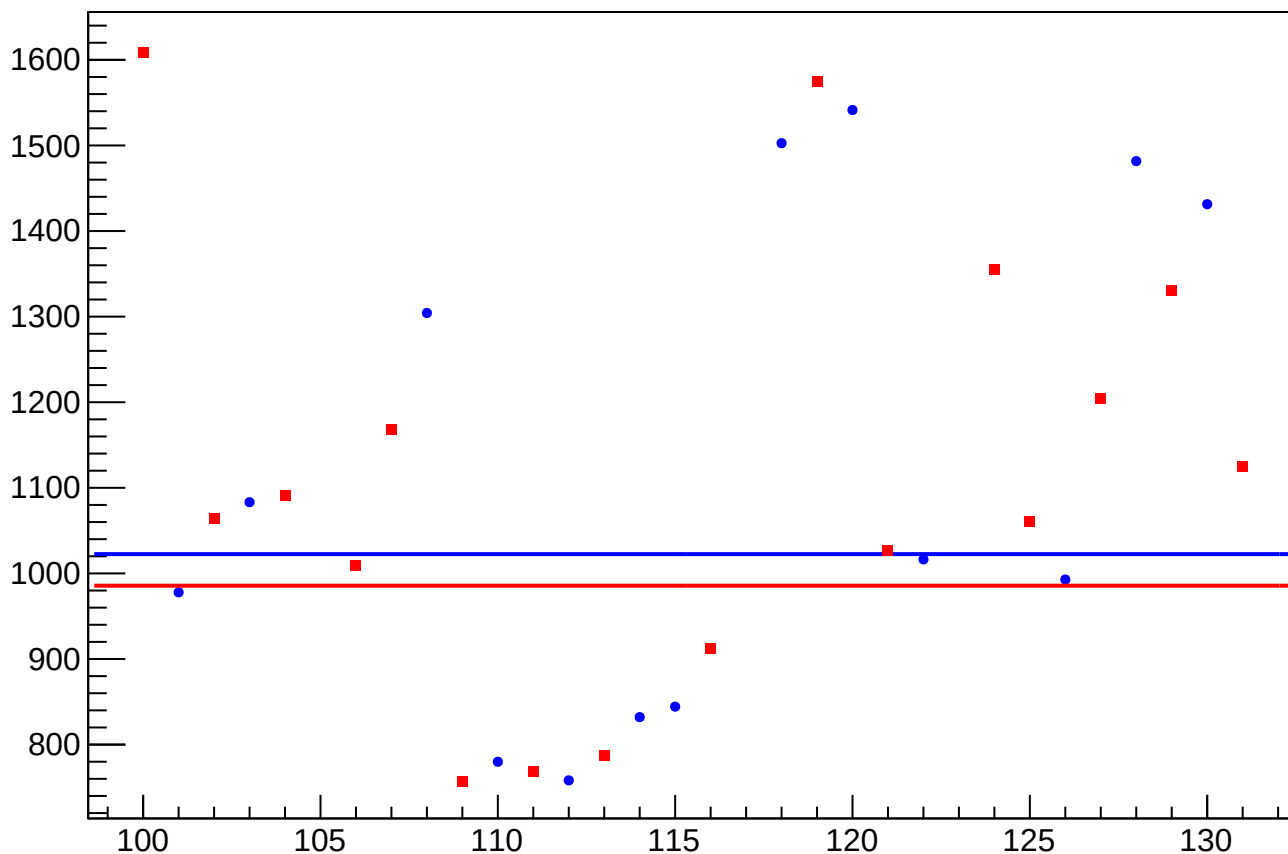
Right: 691.144+/-301.310 χ^2/NDF : 27.5/28

In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.144+/-301.310 χ^2/NDF : 27.5/28

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.654+/-0.287 χ^2/NDF : 570472.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

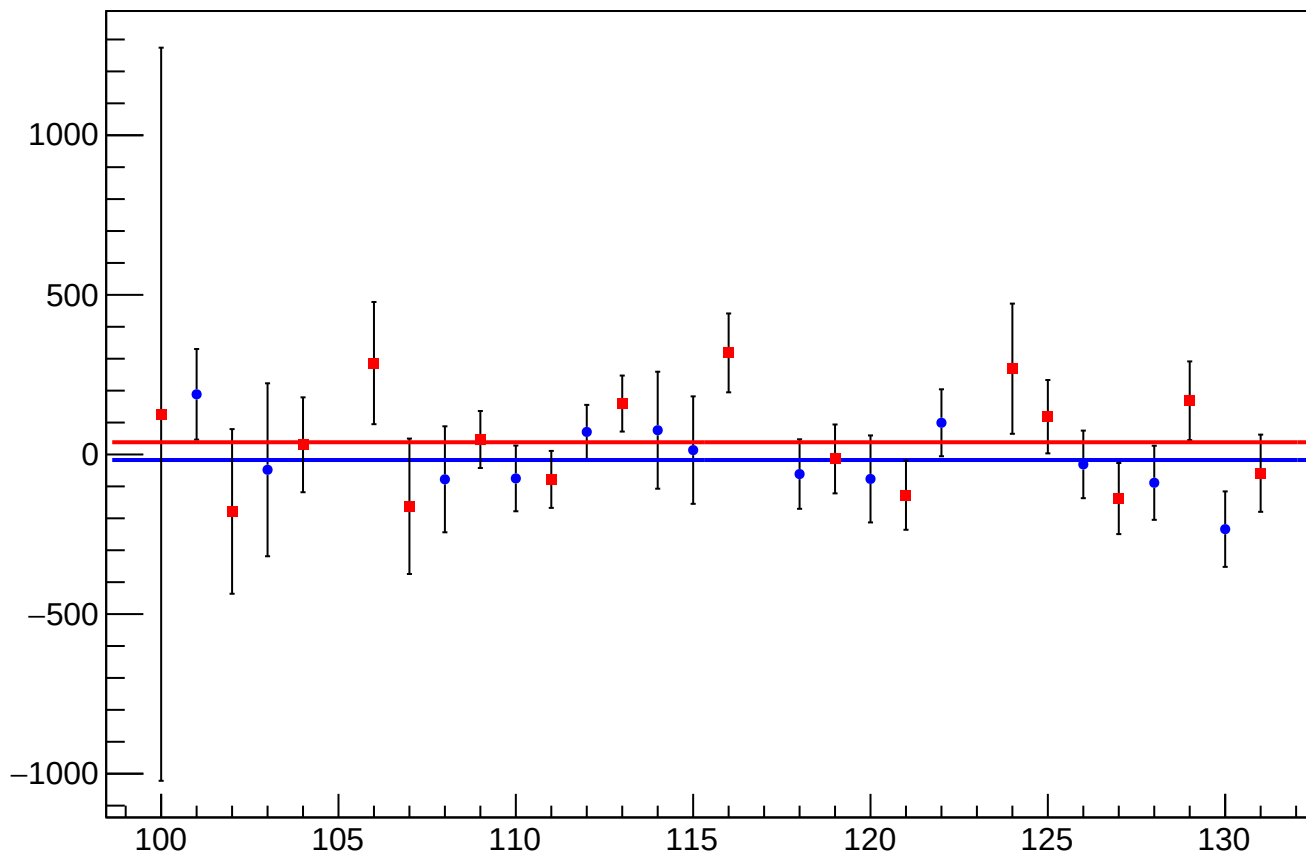
Right: 1002.185+/-0.213 χ^2/NDF : 1204813.6/28

In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.185+/-0.213 χ^2/NDF : 1204813.6/28

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.338 $\pm$ 34.048 χ^2 /NDF: 9.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.304 $\pm$ 30.965 χ^2 /NDF: 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

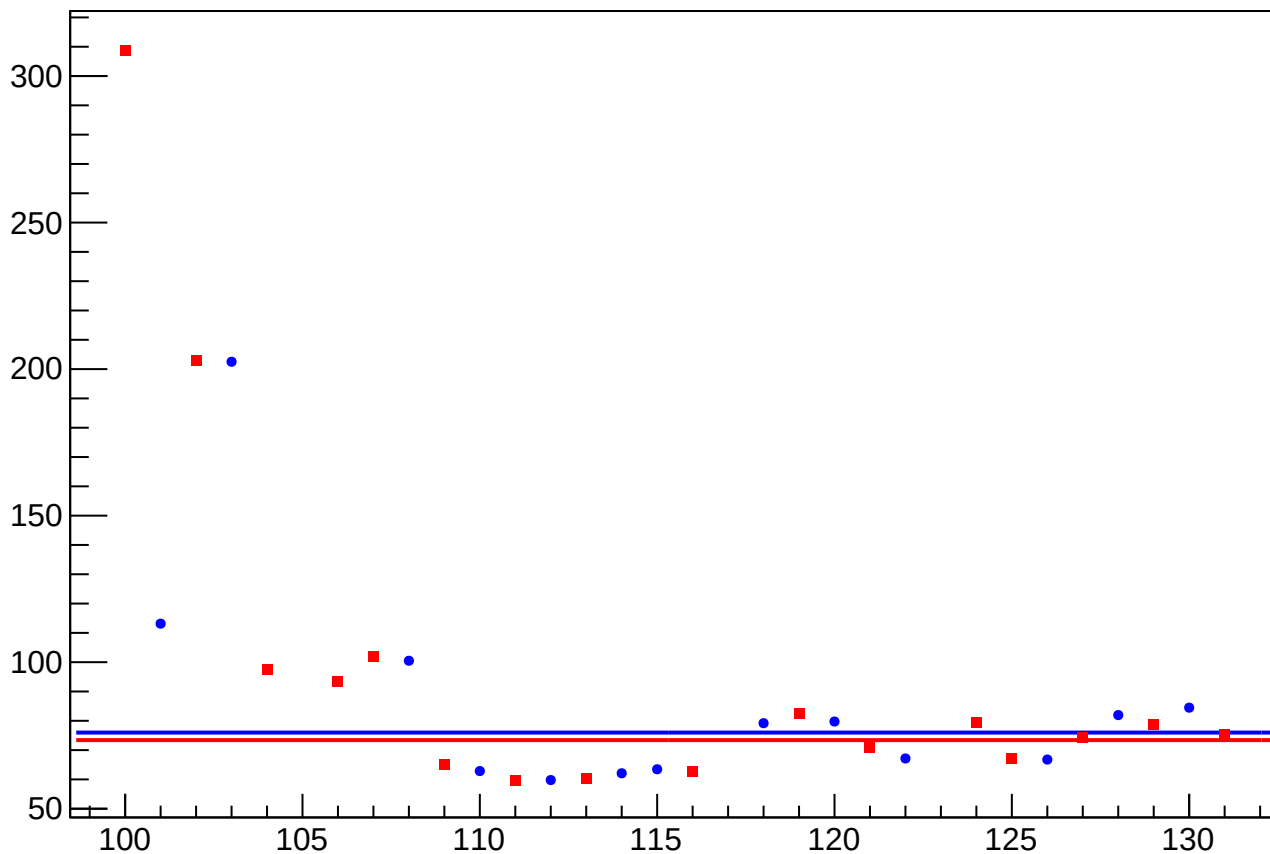
Right: 13.116 $\pm$ 22.908 χ^2 /NDF: 31.4/28

In: -17.338 $\pm$ 34.048 χ^2 /NDF:9.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.116 $\pm$ 22.908 χ^2 /NDF: 31.4/28

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.409+/-0.022 χ^2/NDF : 849903.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

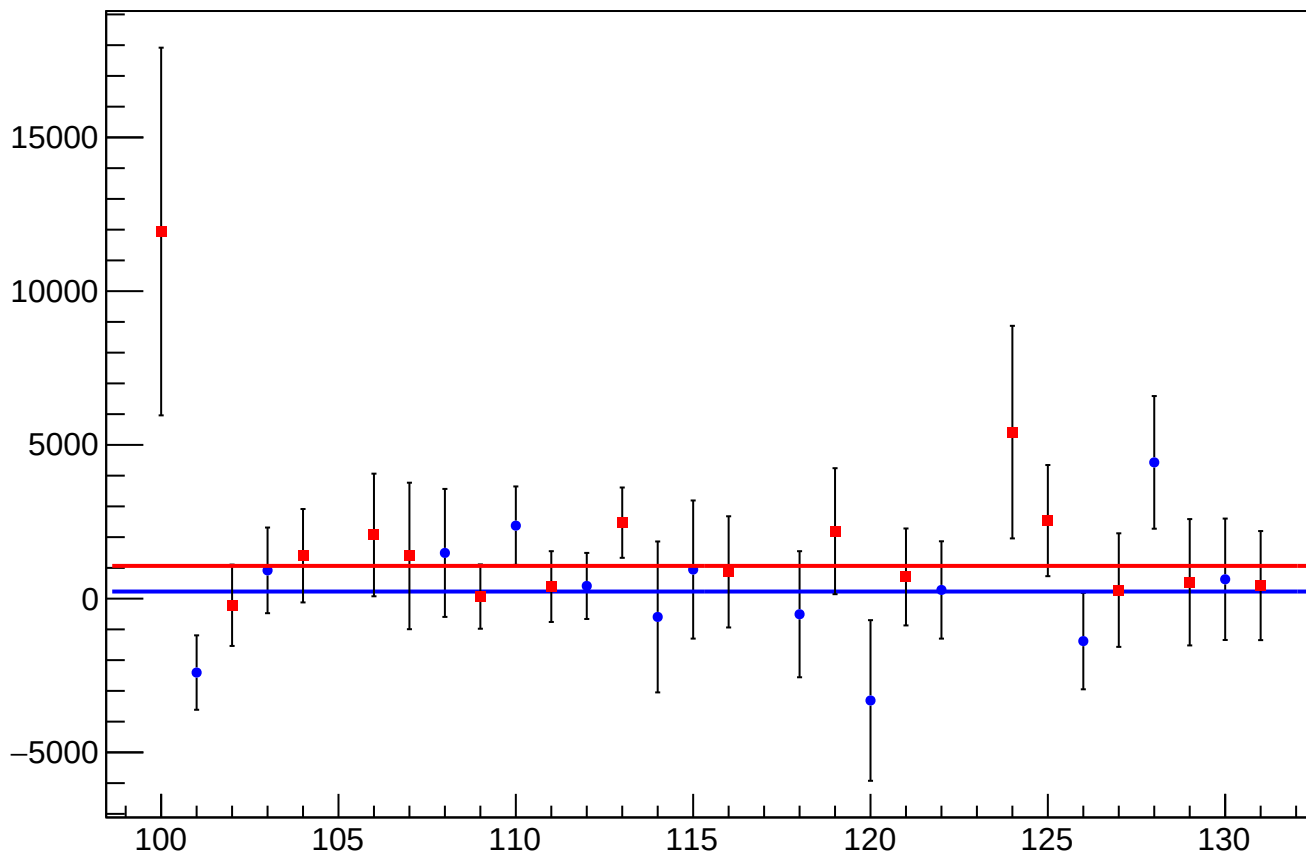
Right: 74.575+/-0.016 χ^2/NDF : 1649589.1/28

In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.575+/-0.016 χ^2/NDF : 1649589.1/28

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1064.731+/-405.594 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

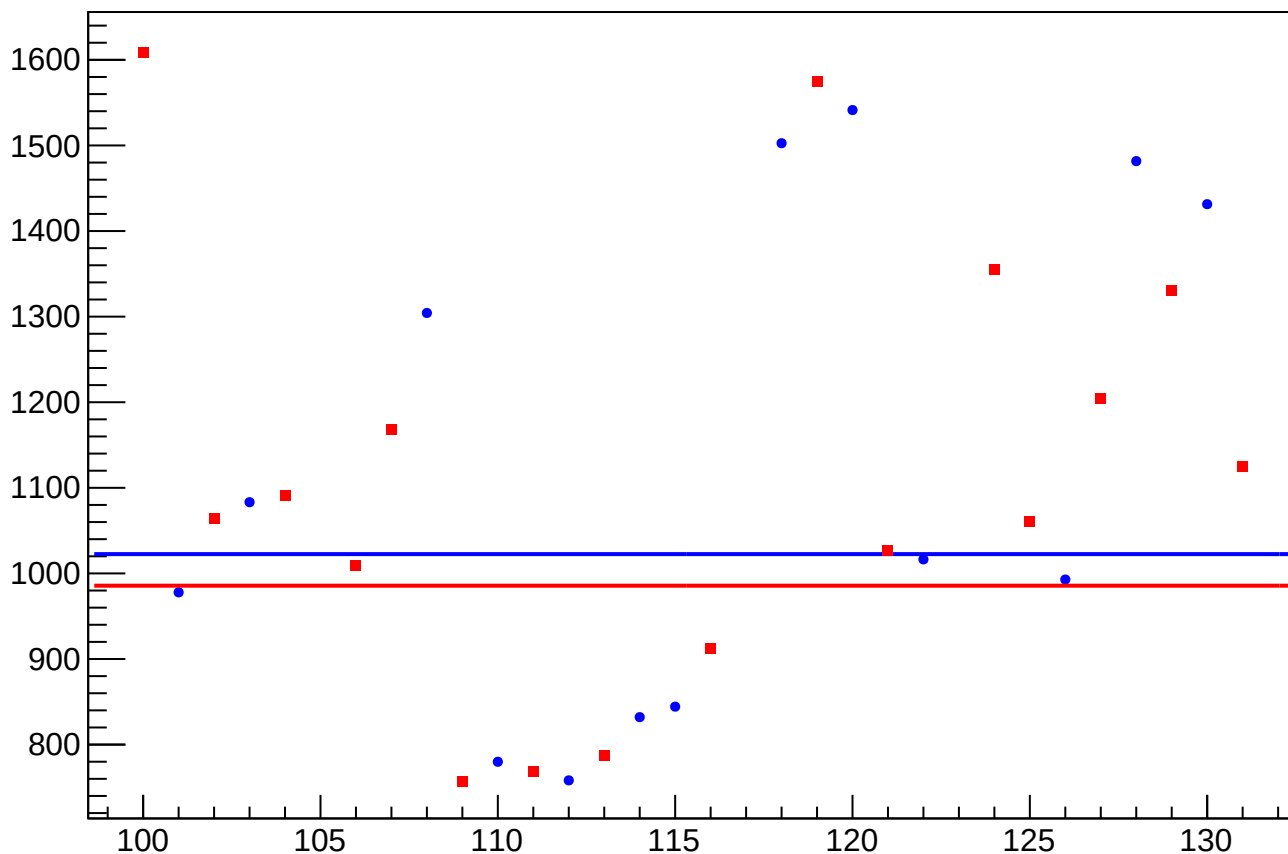
Right: 691.144+/-301.310 χ^2/NDF : 27.5/28

In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.144+/-301.310 χ^2/NDF : 27.5/28

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.654+/-0.287 χ^2/NDF : 570472.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

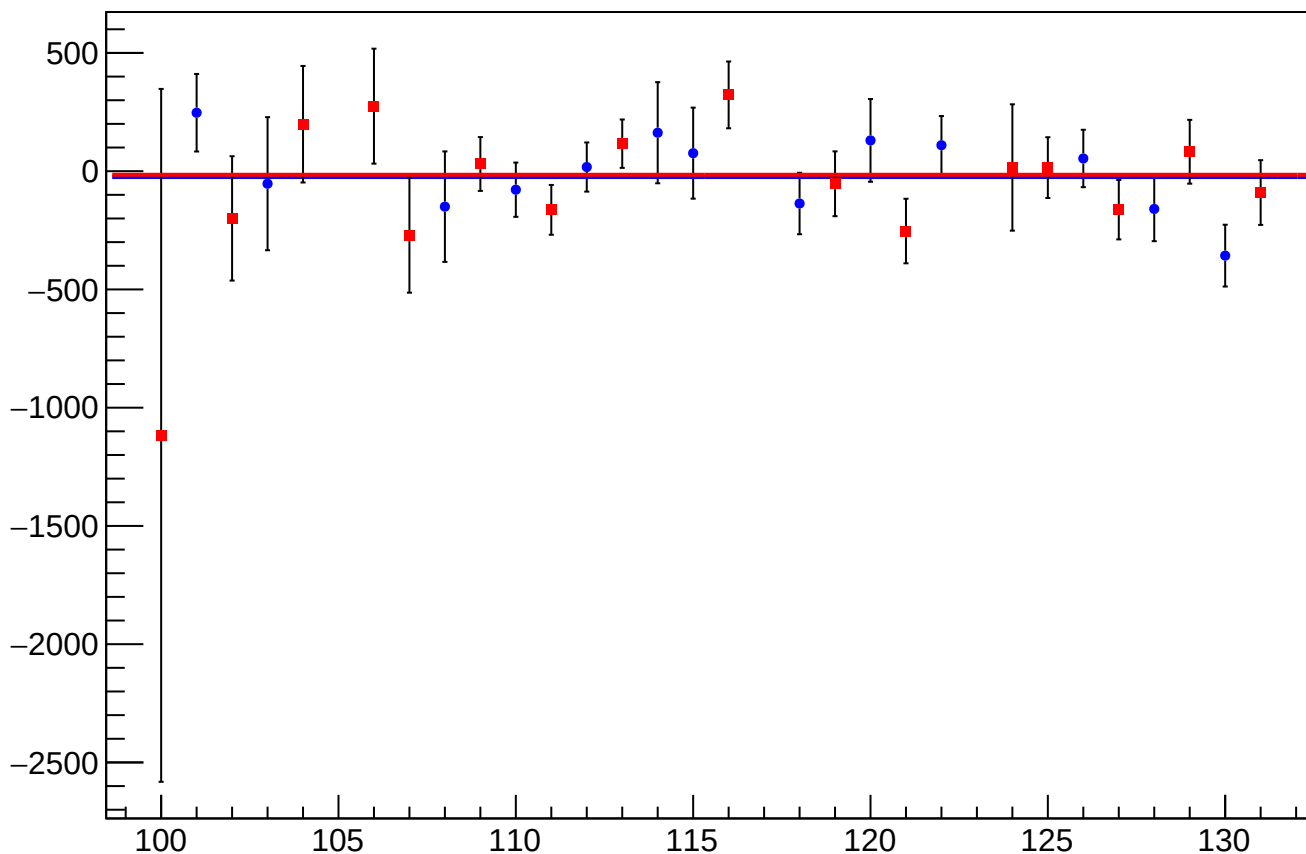
Right: 1002.185+/-0.213 χ^2/NDF : 1204813.6/28

In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.185+/-0.213 χ^2/NDF : 1204813.6/28

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.689+/-40.042 χ^2 /NDF: 15.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -15.131+/-36.973 χ^2 /NDF: 19.2/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

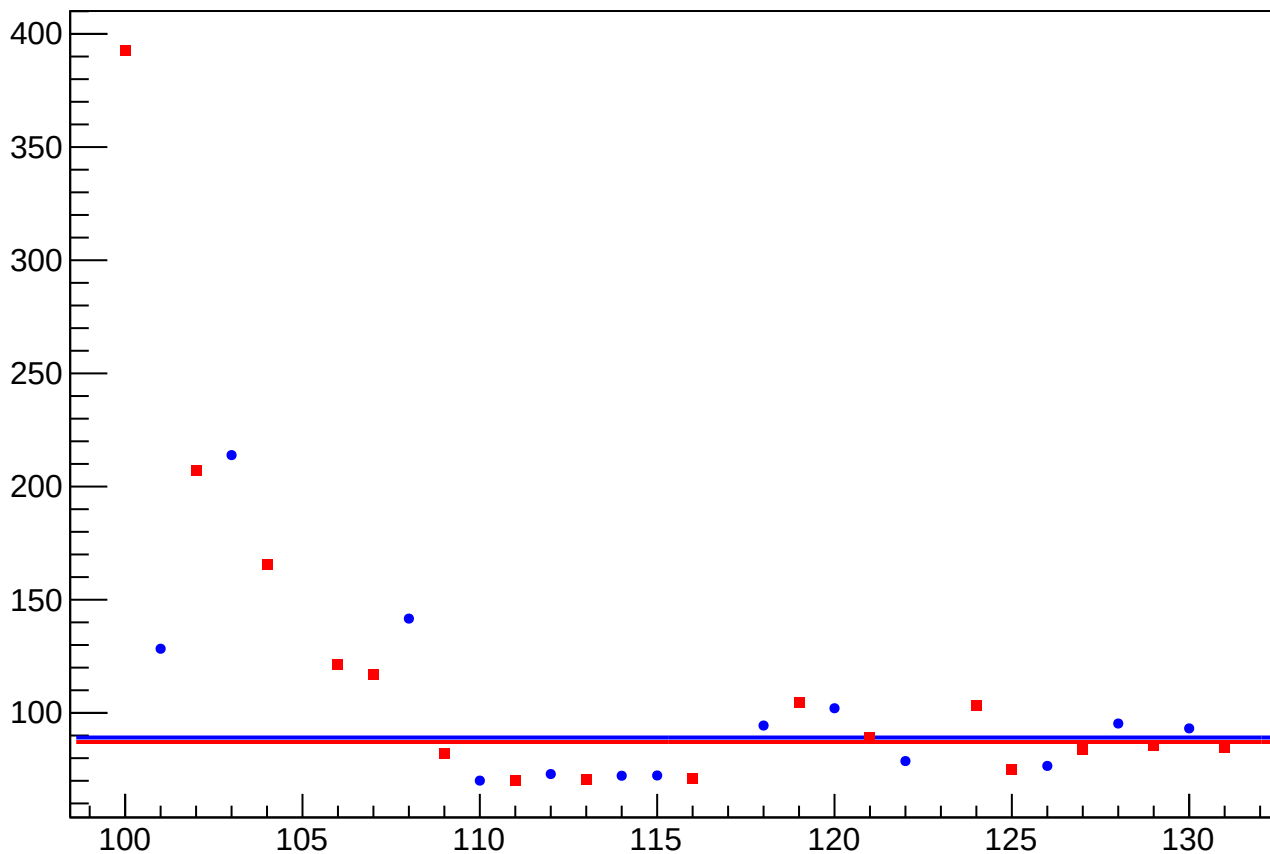
Right: -19.530+/-27.164 χ^2 /NDF: 34.3/28

In: -24.689+/-40.042 χ^2 /NDF:15.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -19.530+/-27.164 χ^2 /NDF: 34.3/28

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.128+/-0.028 χ^2/NDF : 795757.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.143+/-0.026 χ^2/NDF : 972270.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

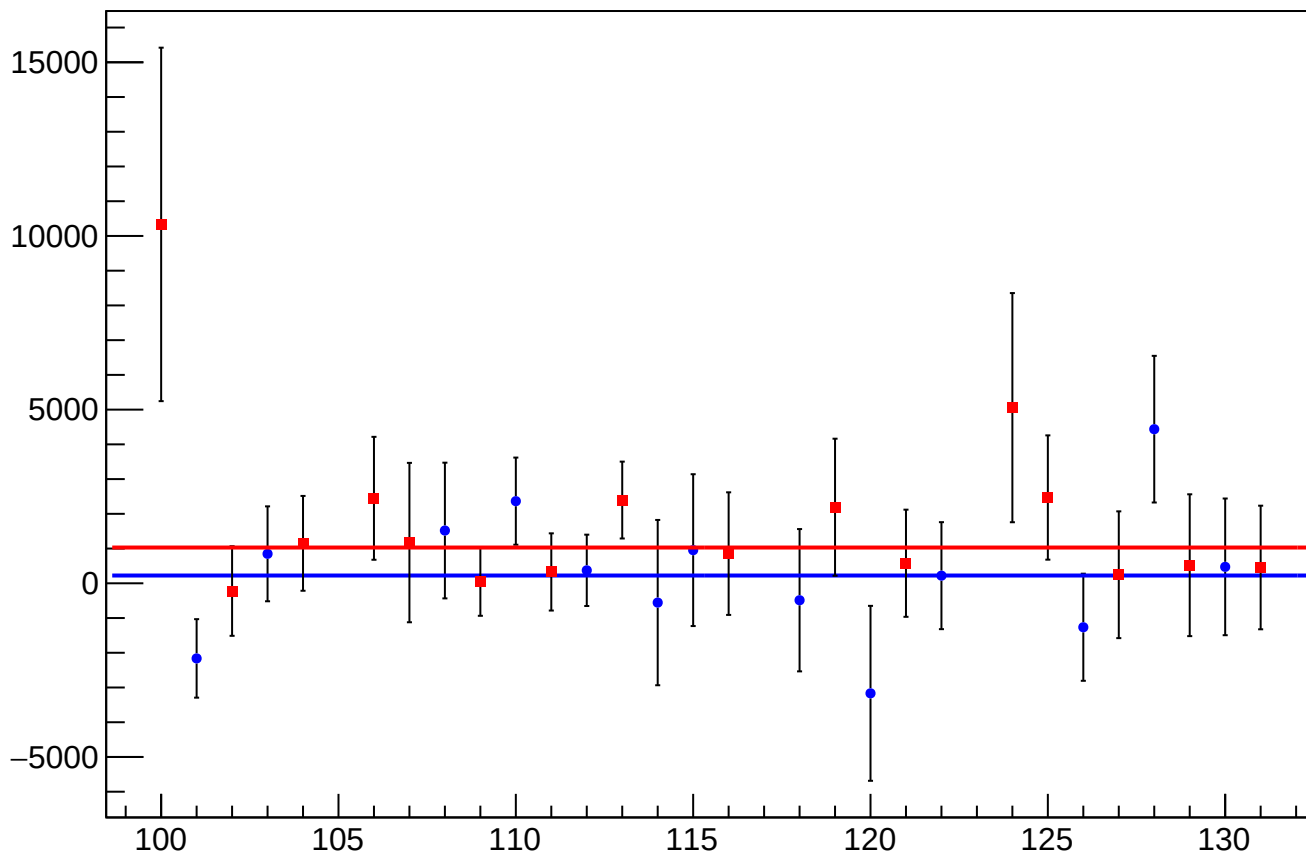
Right: 88.056+/-0.019 χ^2/NDF : 1770679.9/28

In: 89.128+/-0.028 χ^2/NDF : 795757.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.056+/-0.019 χ^2/NDF : 1770679.9/28

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.027 $\pm$ 435.561 χ^2 /NDF: 15.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1029.795 $\pm$ 388.809 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

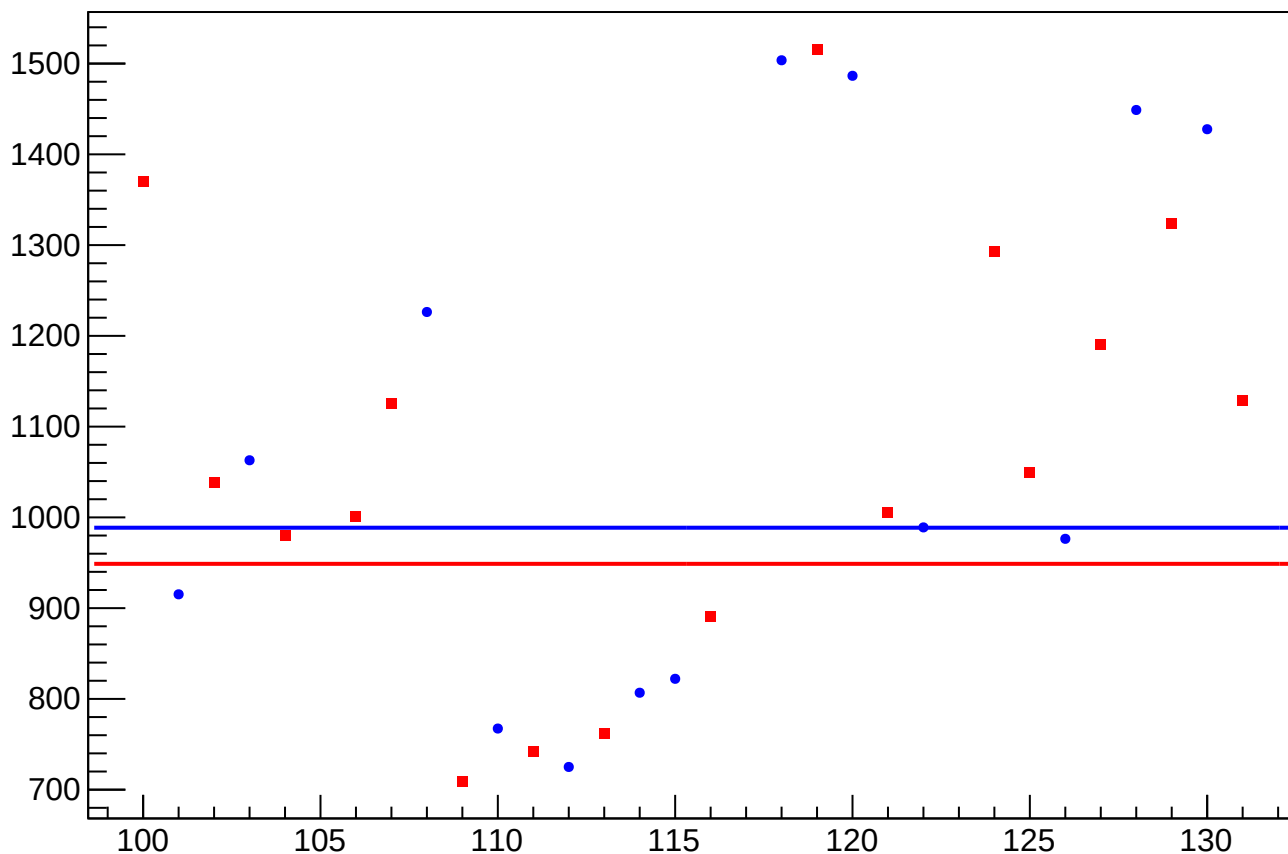
Right: 672.462 $\pm$ 290.055 χ^2 /NDF: 27.8/28

In: 224.027 $\pm$ 435.561 χ^2 /NDF:15.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 672.462 $\pm$ 290.055 χ^2 /NDF: 27.8/28

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 988.627+/-0.308 χ^2/NDF : 660576.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.820+/-0.275 χ^2/NDF : 605081.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

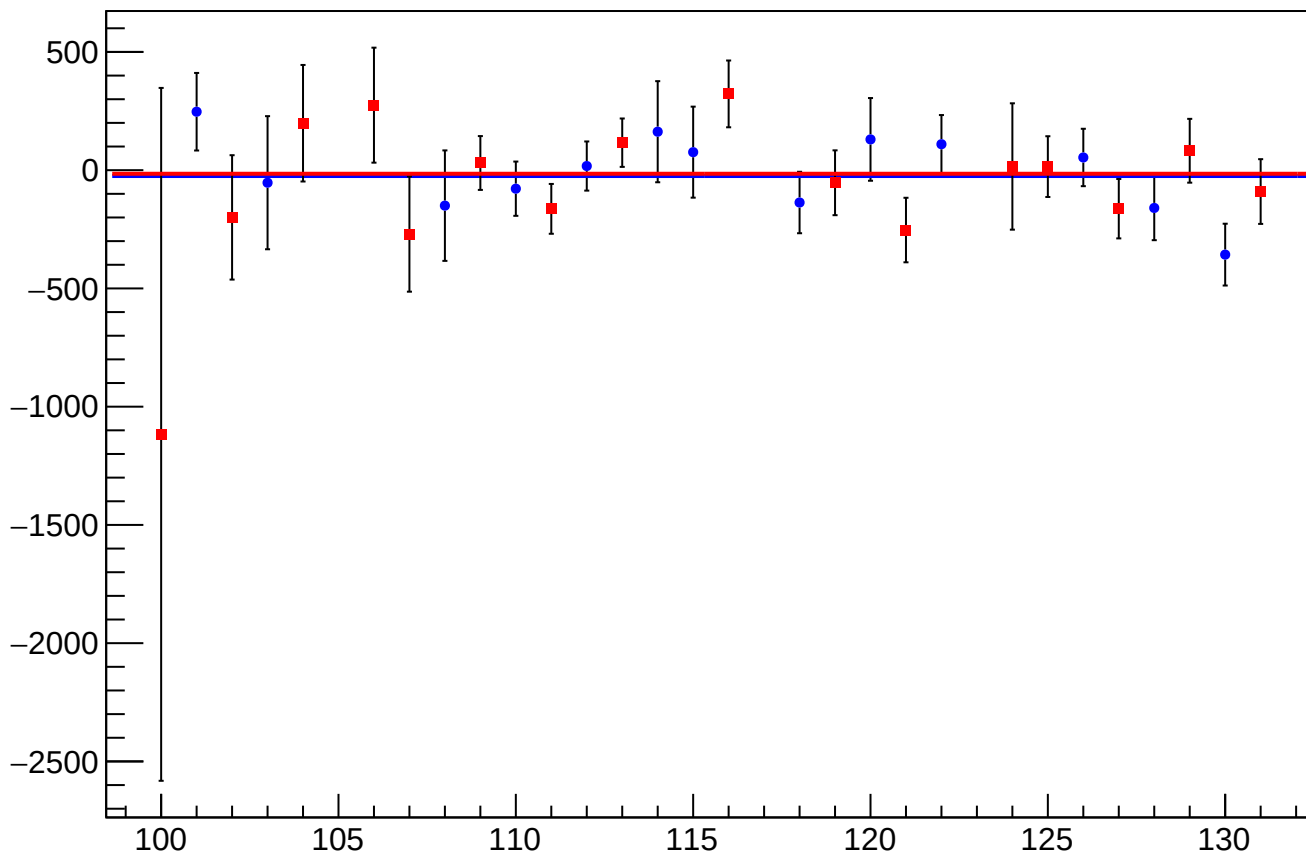
Right: 966.473+/-0.205 χ^2/NDF : 1274955.0/28

In: 988.627+/-0.308 χ^2/NDF : 660576.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.473+/-0.205 χ^2/NDF : 1274955.0/28

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.691 ± 40.042 χ^2/NDF : 15.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.134 ± 36.973 χ^2/NDF : 19.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

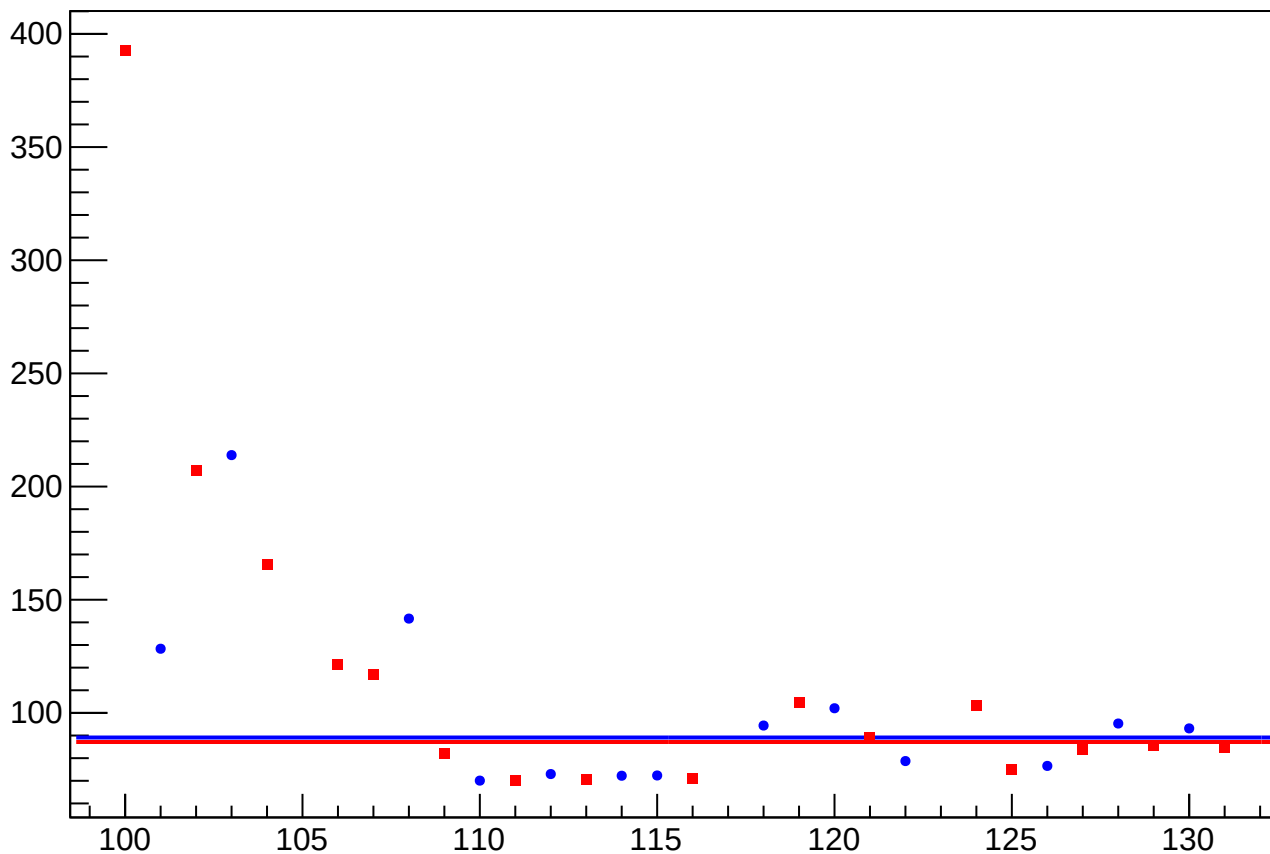
Right: -19.533 ± 27.164 χ^2/NDF : 34.3/28

In: -24.691 ± 40.042 χ^2/NDF : 15.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.533 ± 27.164 χ^2/NDF : 34.3/28

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.128+/-0.028 χ^2/NDF : 795741.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.143+/-0.026 χ^2/NDF : 972262.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

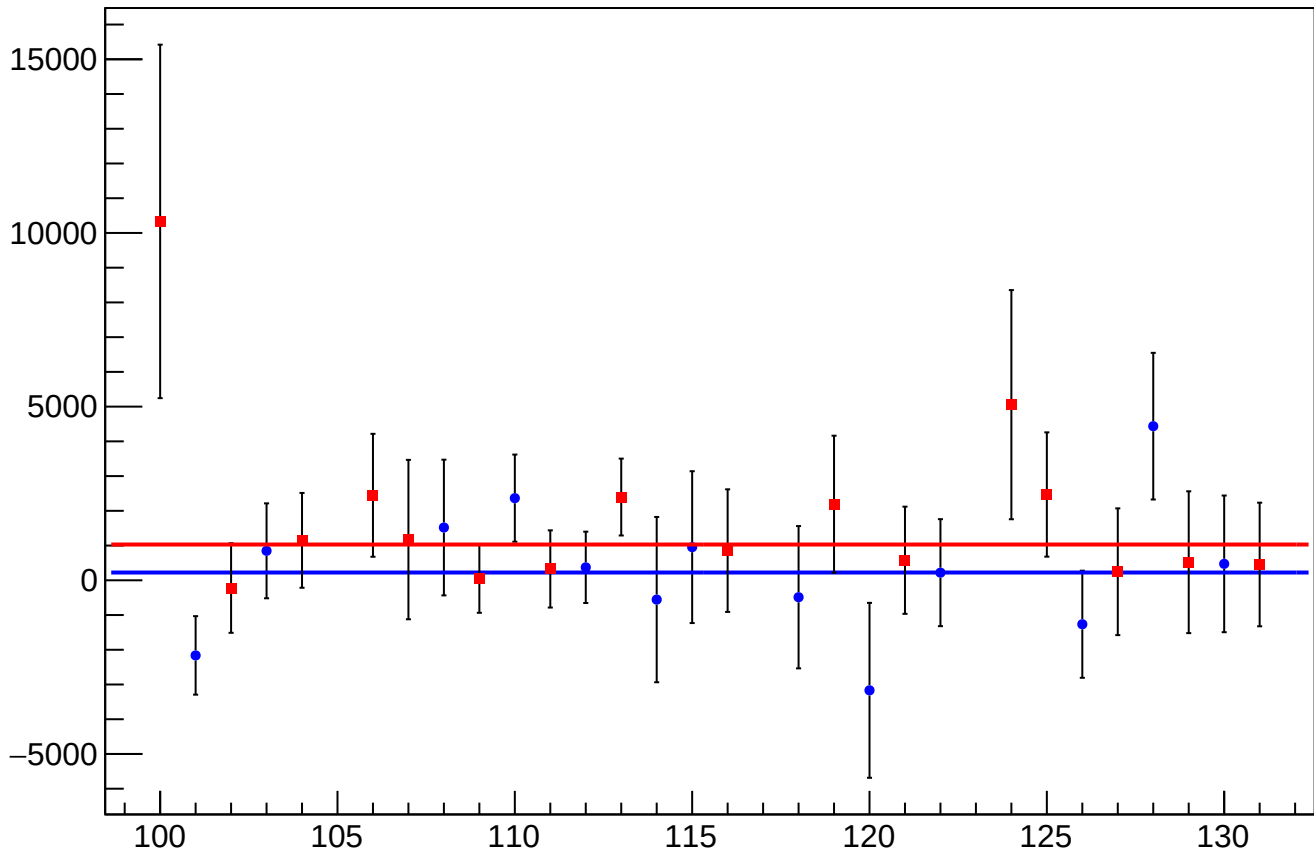
Right: 88.057+/-0.019 χ^2/NDF : 1770657.0/28

In: 89.128+/-0.028 χ^2/NDF : 795741.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.057+/-0.019 χ^2/NDF : 1770657.0/28

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.026+/-435.560 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1029.793+/-388.808 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

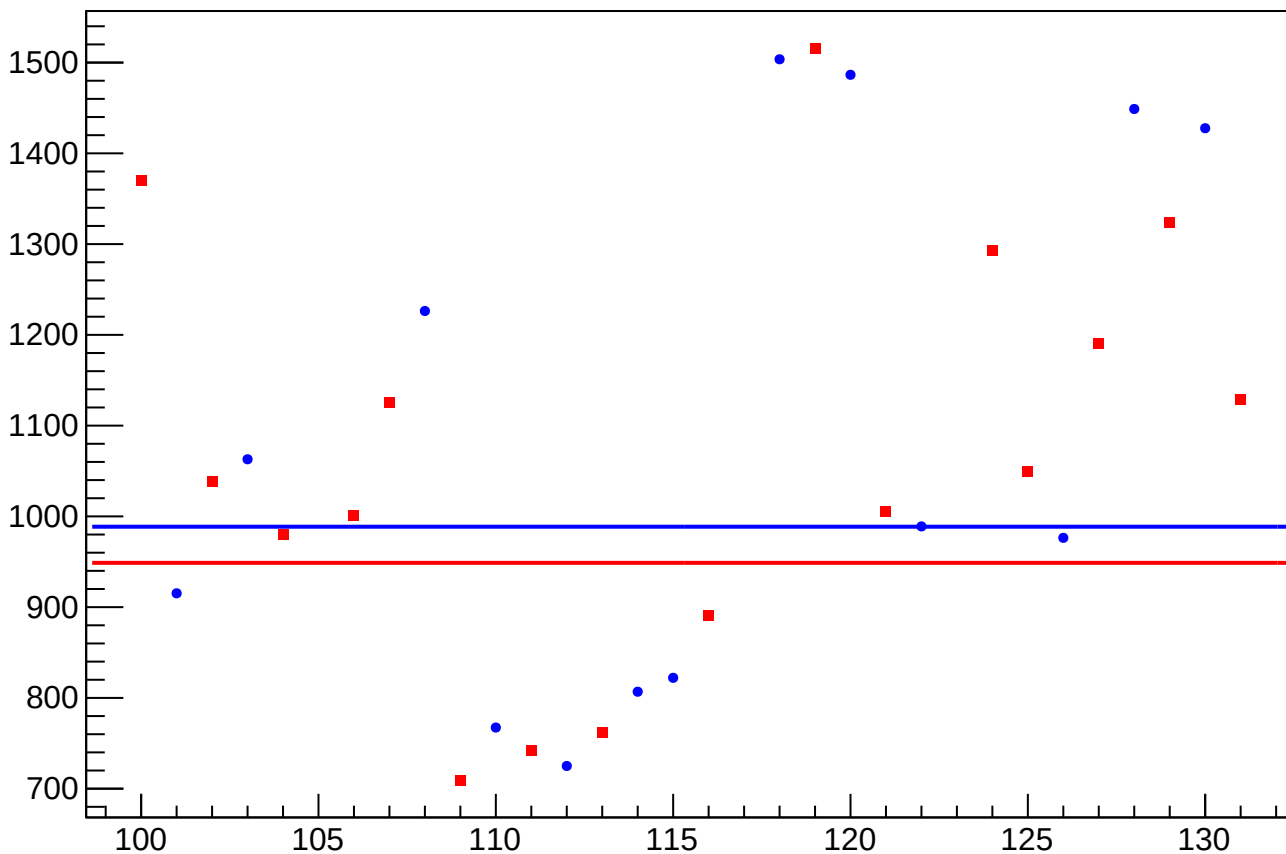
Right: 672.460+/-290.055 χ^2/NDF : 27.8/28

In: 224.026+/-435.560 χ^2/NDF :15.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 672.460+/-290.055 χ^2/NDF : 27.8/28

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 988.625+/-0.308 χ^2/NDF : 660580.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.817+/-0.275 χ^2/NDF : 605082.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

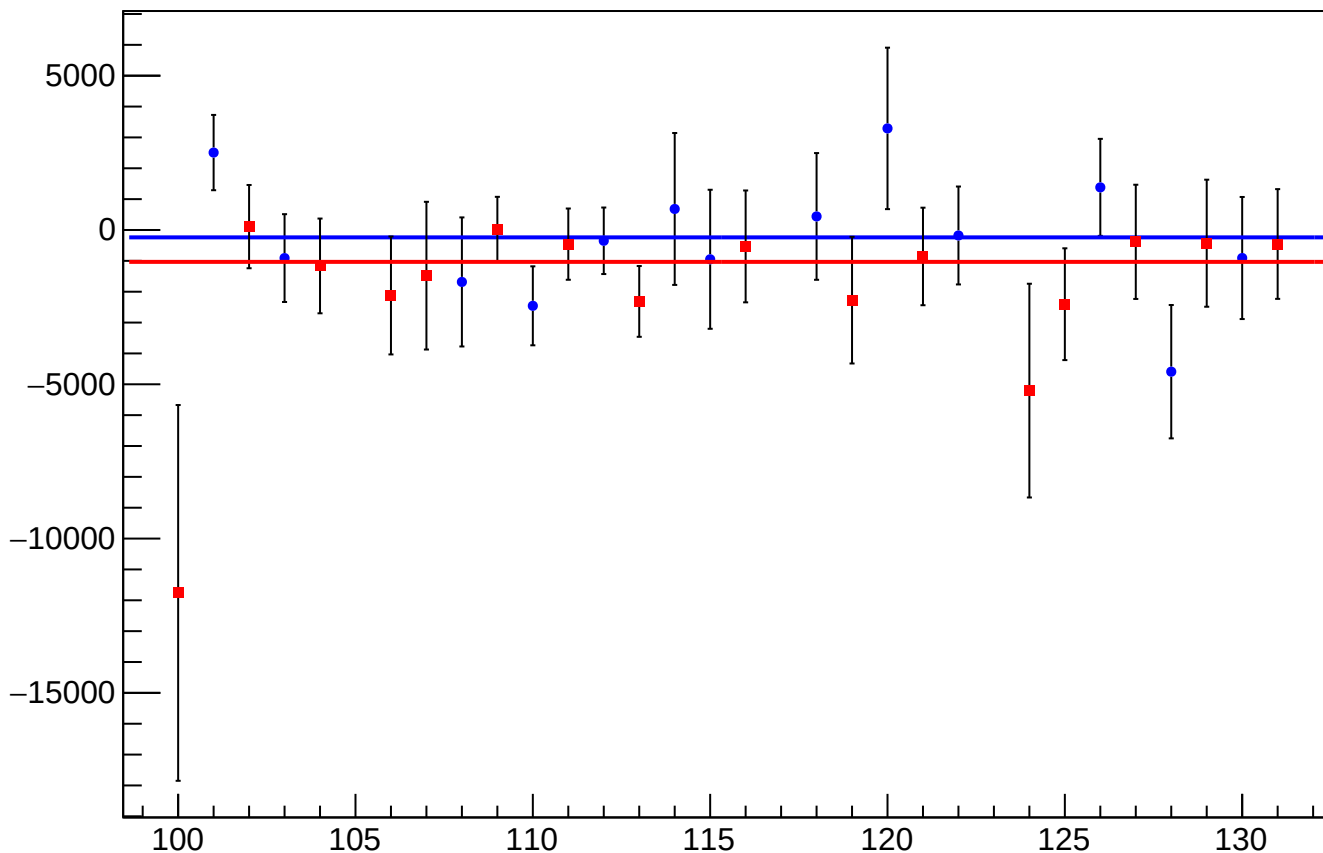
Right: 966.471+/-0.205 χ^2/NDF : 1274960.2/28

In: 988.625+/-0.308 χ^2/NDF : 660580.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.471+/-0.205 χ^2/NDF : 1274960.2/28

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -238.912+/-452.524 χ^2/NDF : 16.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.923+/-406.844 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

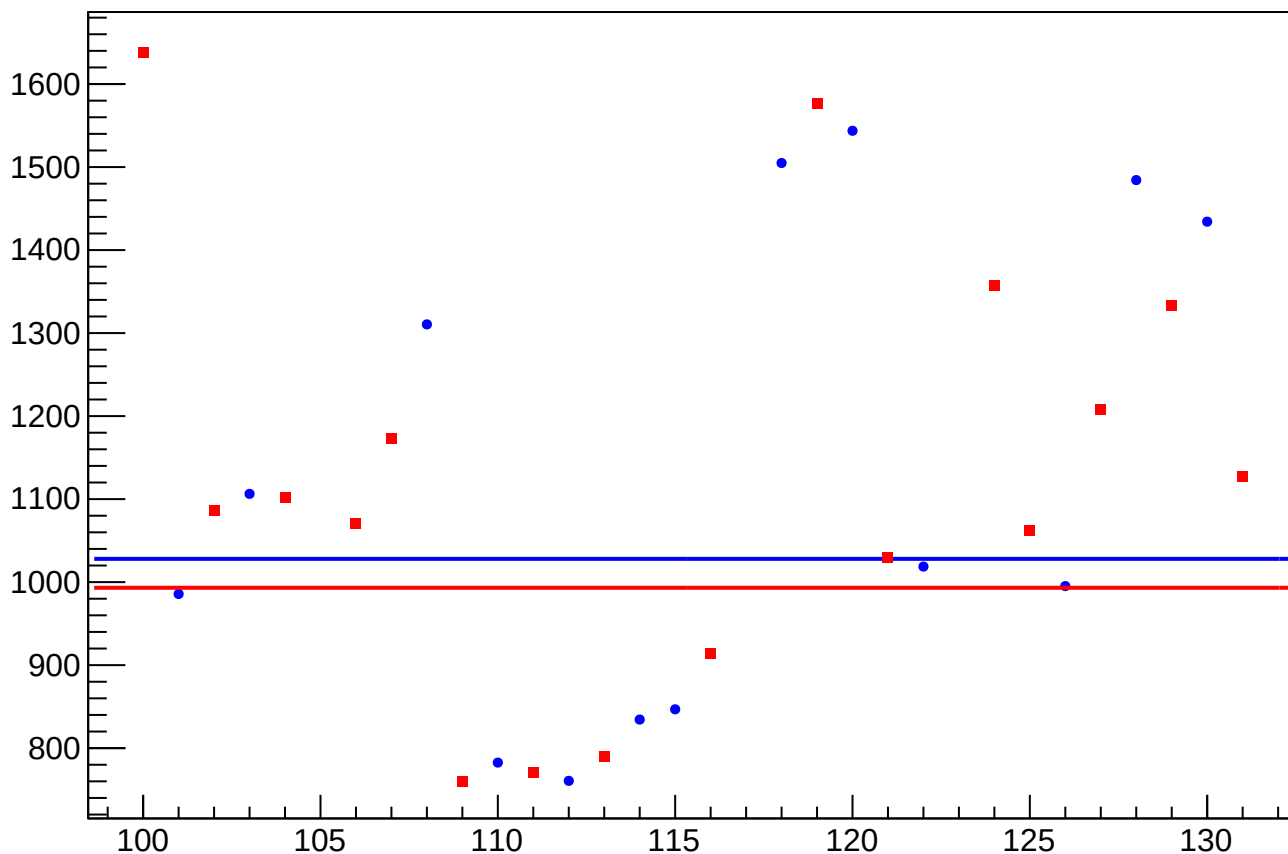
Right: -678.005+/-302.547 χ^2/NDF : 27.4/28

In: -238.912+/-452.524 χ^2/NDF : 16.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -678.005+/-302.547 χ^2/NDF : 27.4/28

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1028.036+/-0.320 χ^2/NDF : 627056.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 993.194+/-0.288 χ^2/NDF : 577184.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

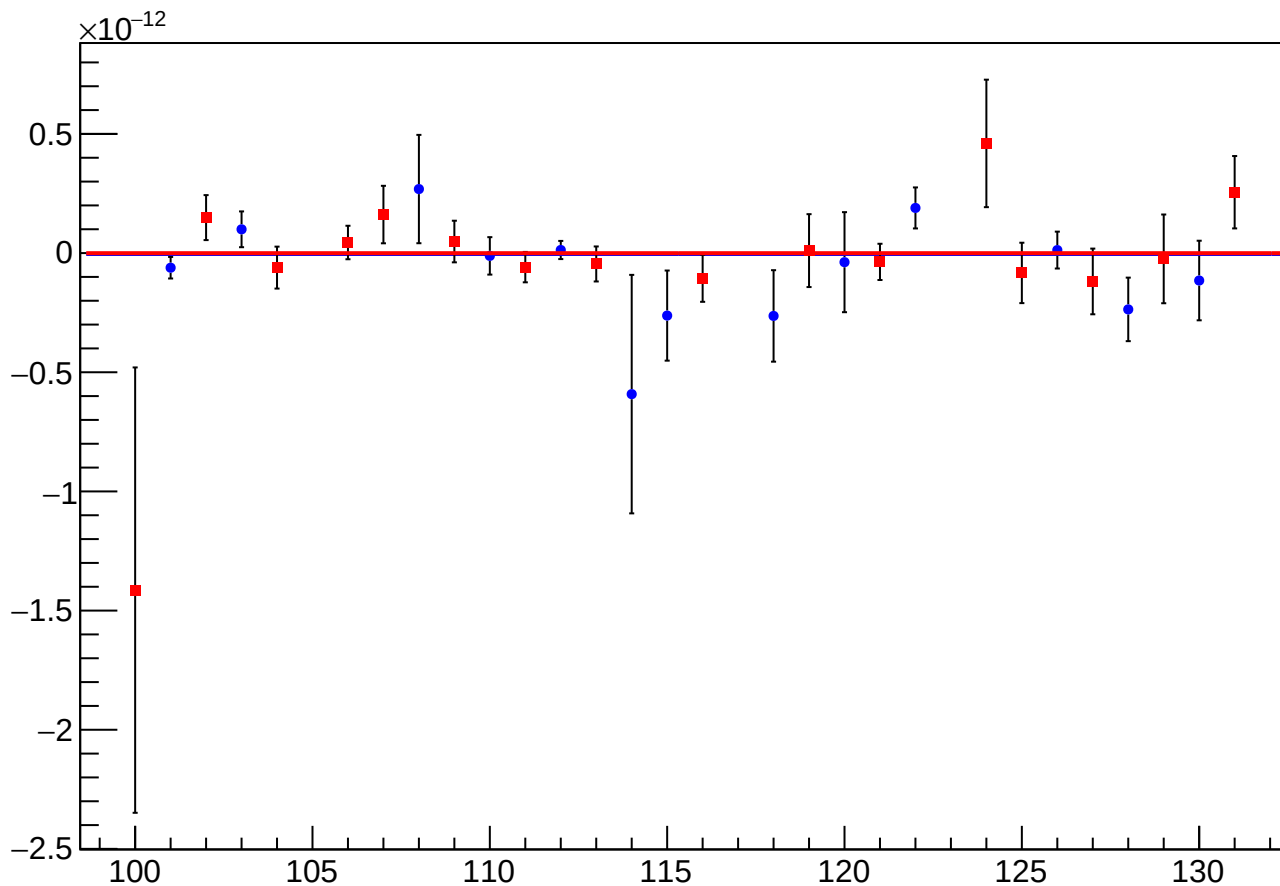
Right: 1008.768+/-0.214 χ^2/NDF : 1210796.9/28

In: 1028.036+/-0.320 χ^2/NDF : 627056.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.768+/-0.214 χ^2/NDF : 1210796.9/28

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

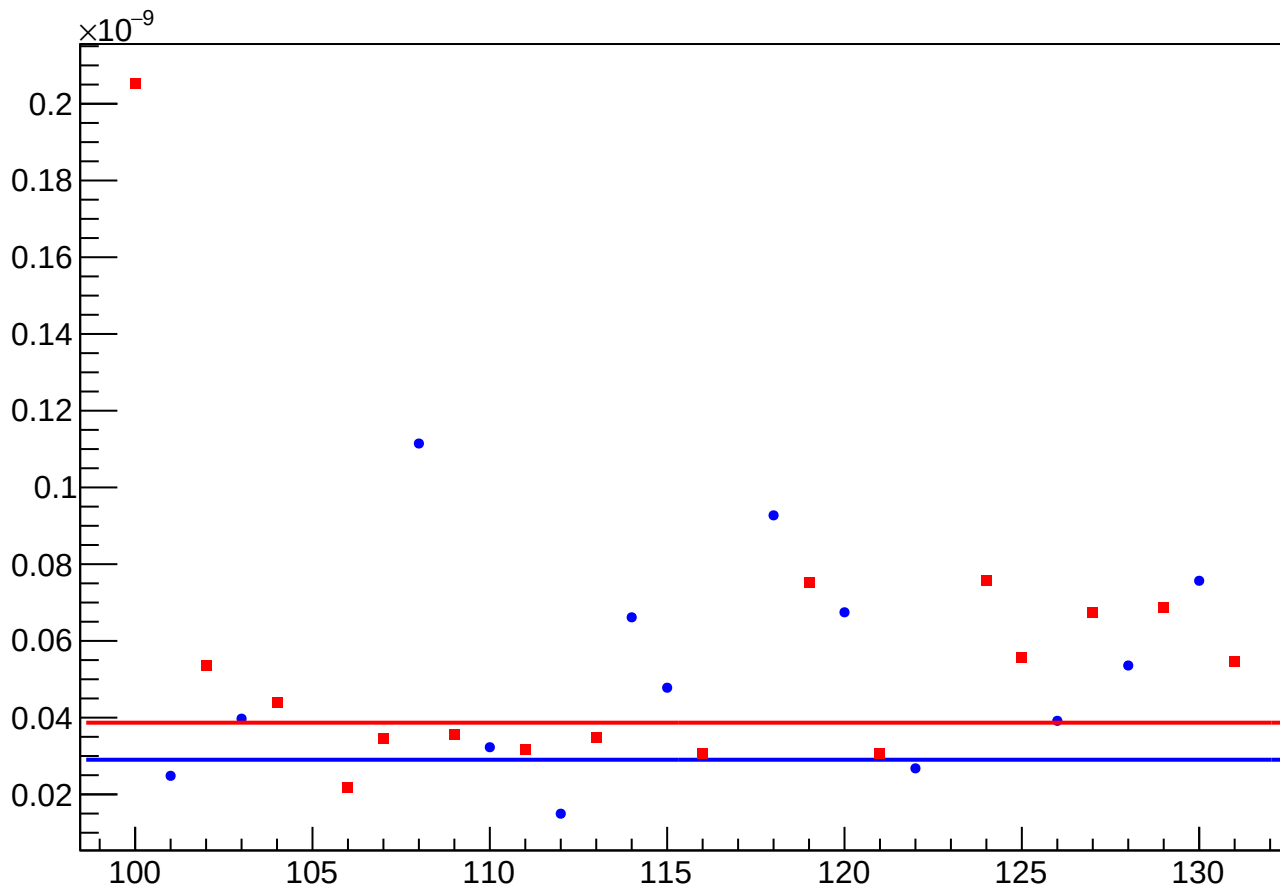
Right: -0.000+/-0.000 χ^2/NDF : 36.2/28

In: -0.000+/-0.000 χ^2/NDF : 18.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/28

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1174724.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655553.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

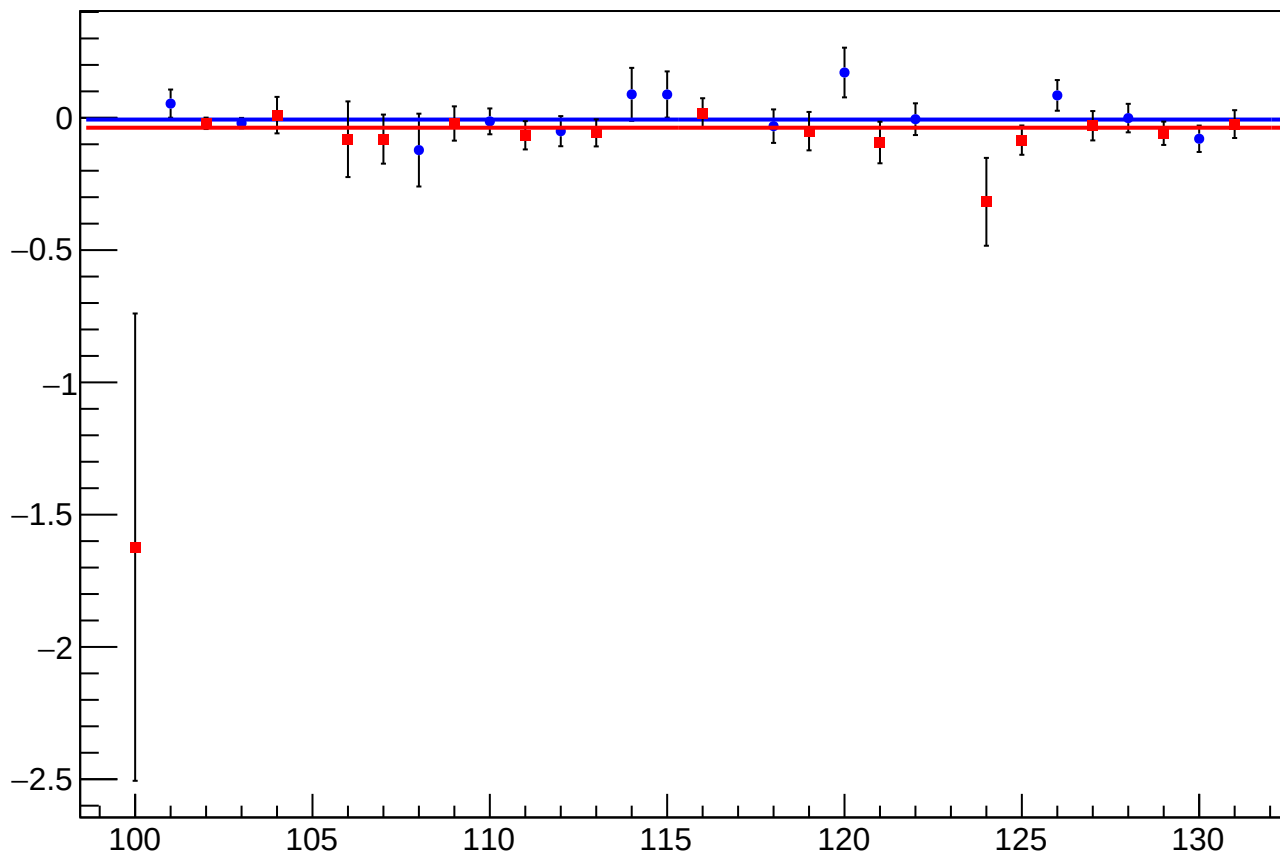
Right: 0.000+/-0.000 χ^2/NDF : 1996387.7/28

In: 0.000+/-0.000 χ^2/NDF : 1174724.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1996387.7/28

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

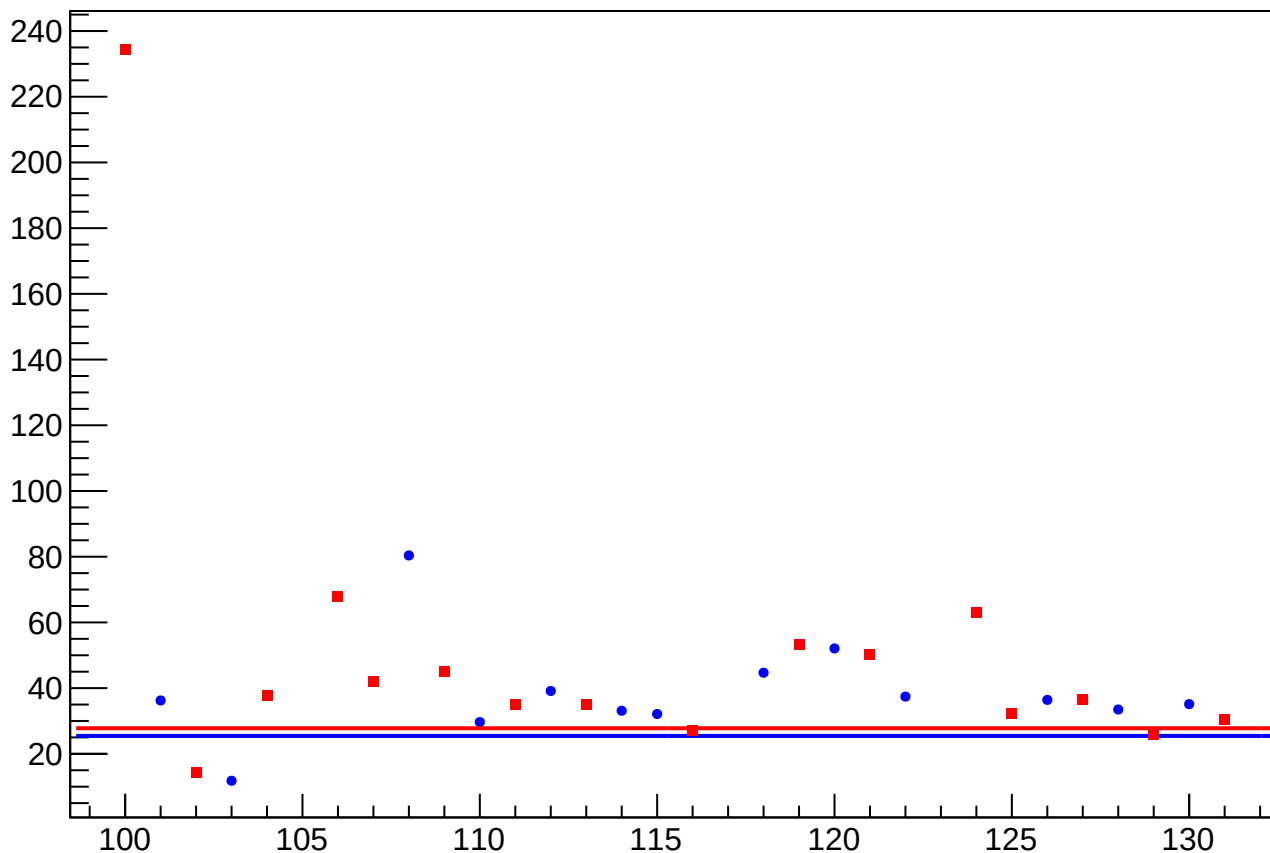
Right: -0.022 ± 0.009 χ^2/NDF : 26.7/28

In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 26.7/28

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.788+/-0.009 χ^2/NDF : 1936843.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

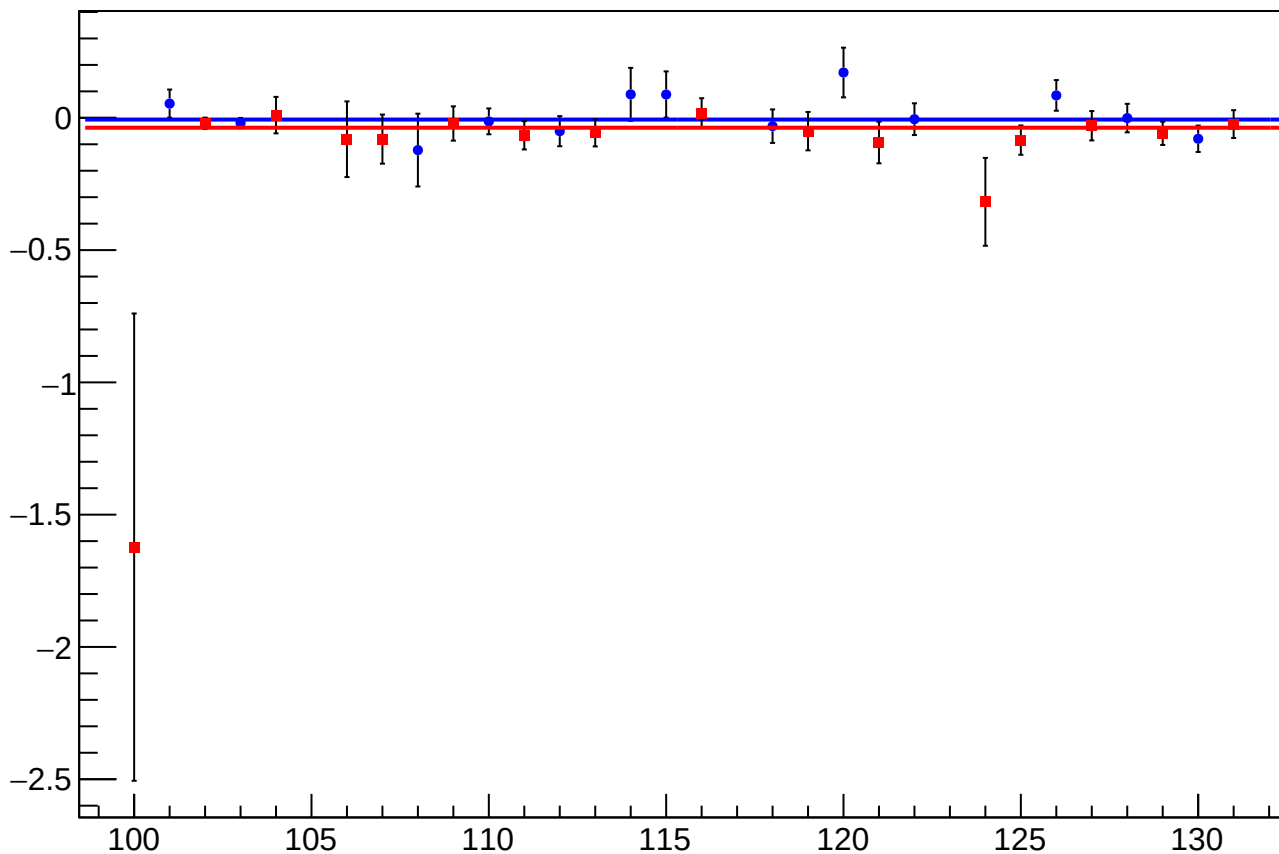
Right: 26.630+/-0.007 χ^2/NDF : 4104419.7/28

In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.630+/-0.007 χ^2/NDF : 4104419.7/28

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

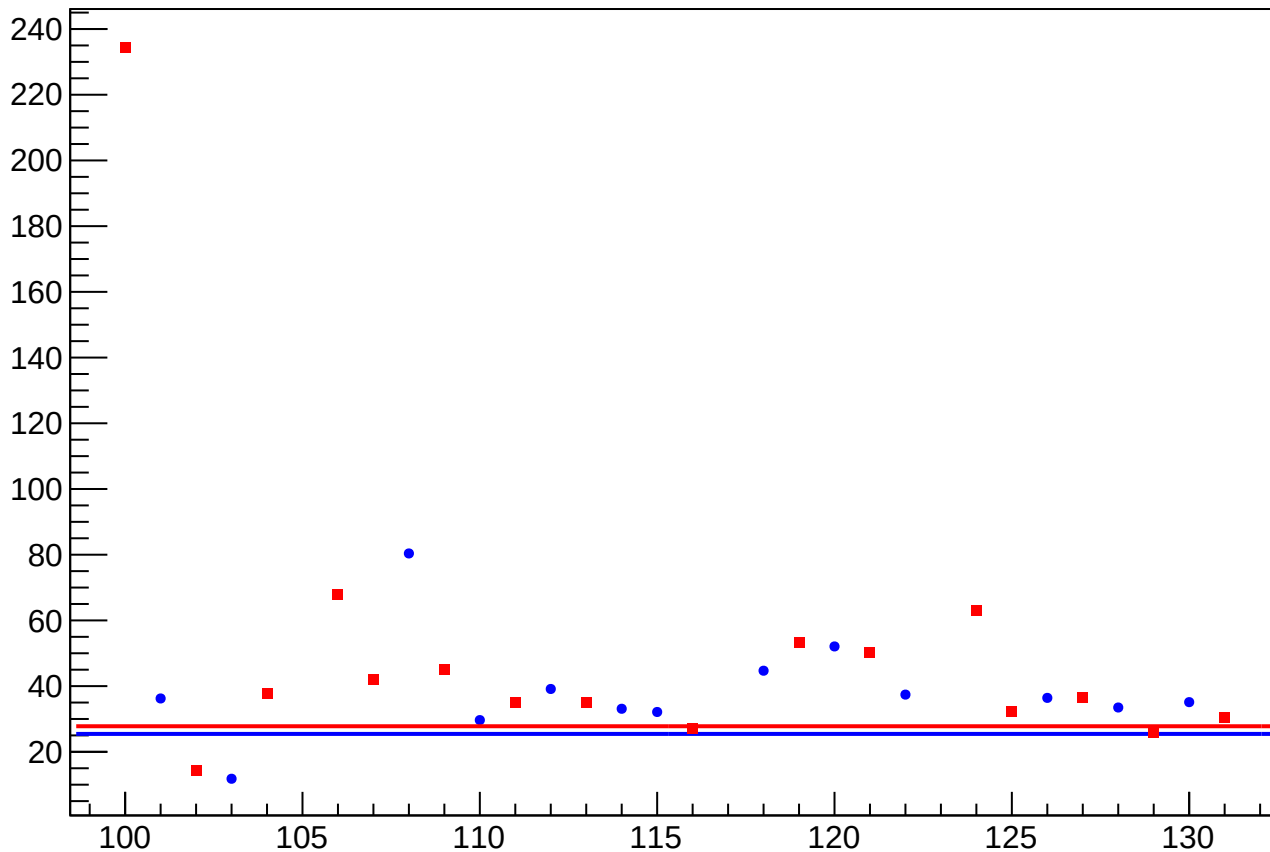
Right: -0.022 ± 0.009 χ^2/NDF : 26.7/28

In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 26.7/28

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.788+/-0.009 χ^2/NDF : 1936843.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

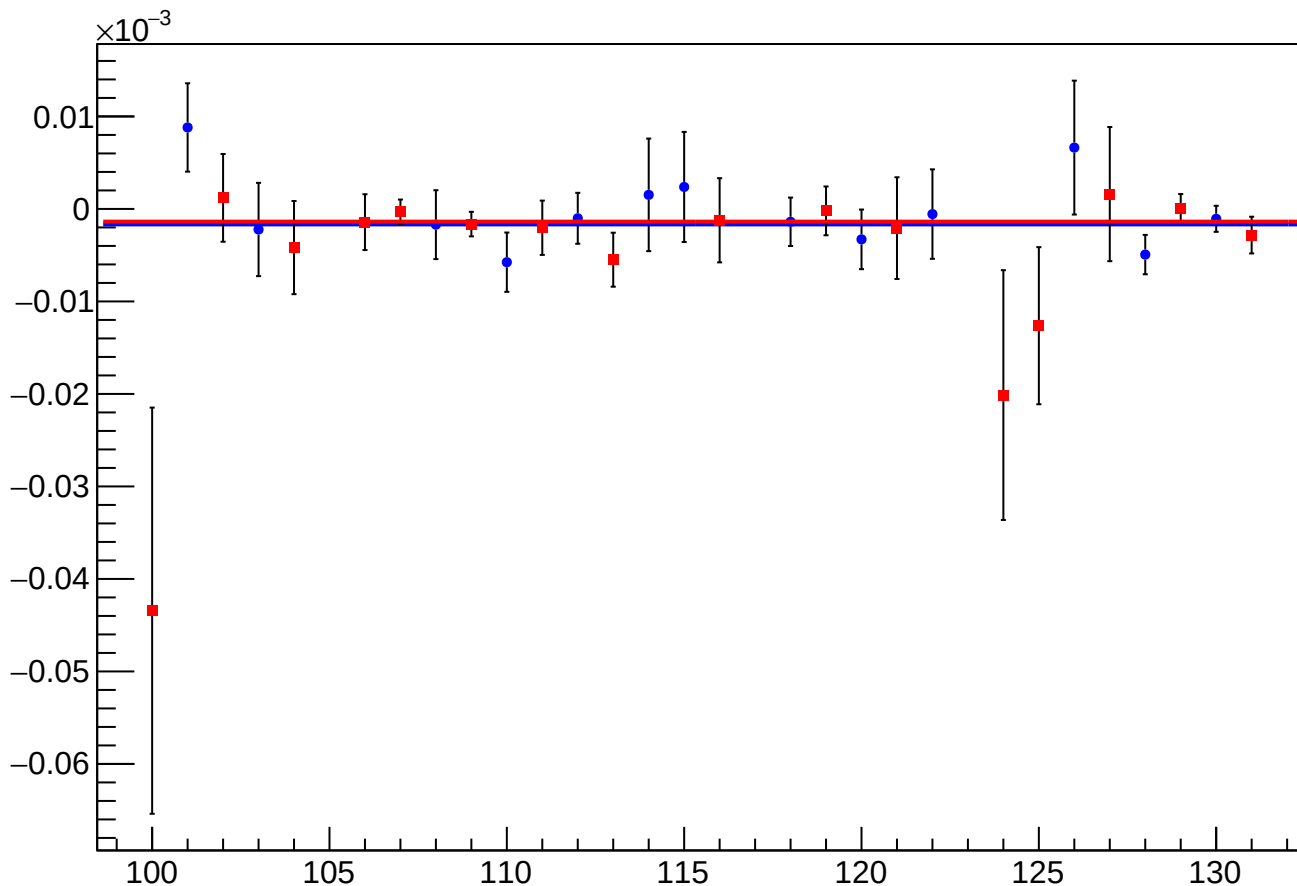
Right: 26.630+/-0.007 χ^2/NDF : 4104419.7/28

In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.630+/-0.007 χ^2/NDF : 4104419.7/28

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

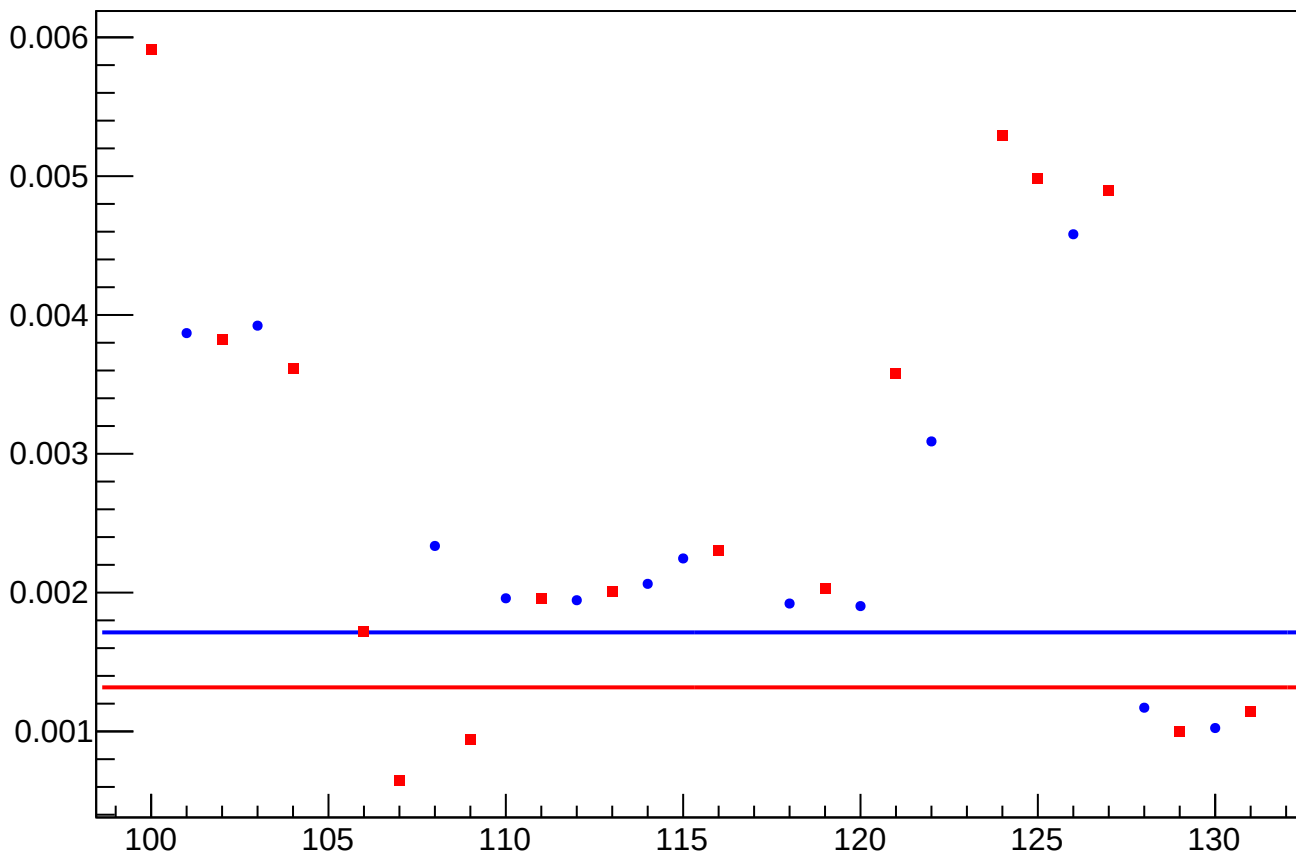
Right: -0.000+/-0.000 χ^2 /NDF: 24.0/28

In: -0.000+/-0.000 χ^2 /NDF:11.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.0/28

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1999968.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3696329.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

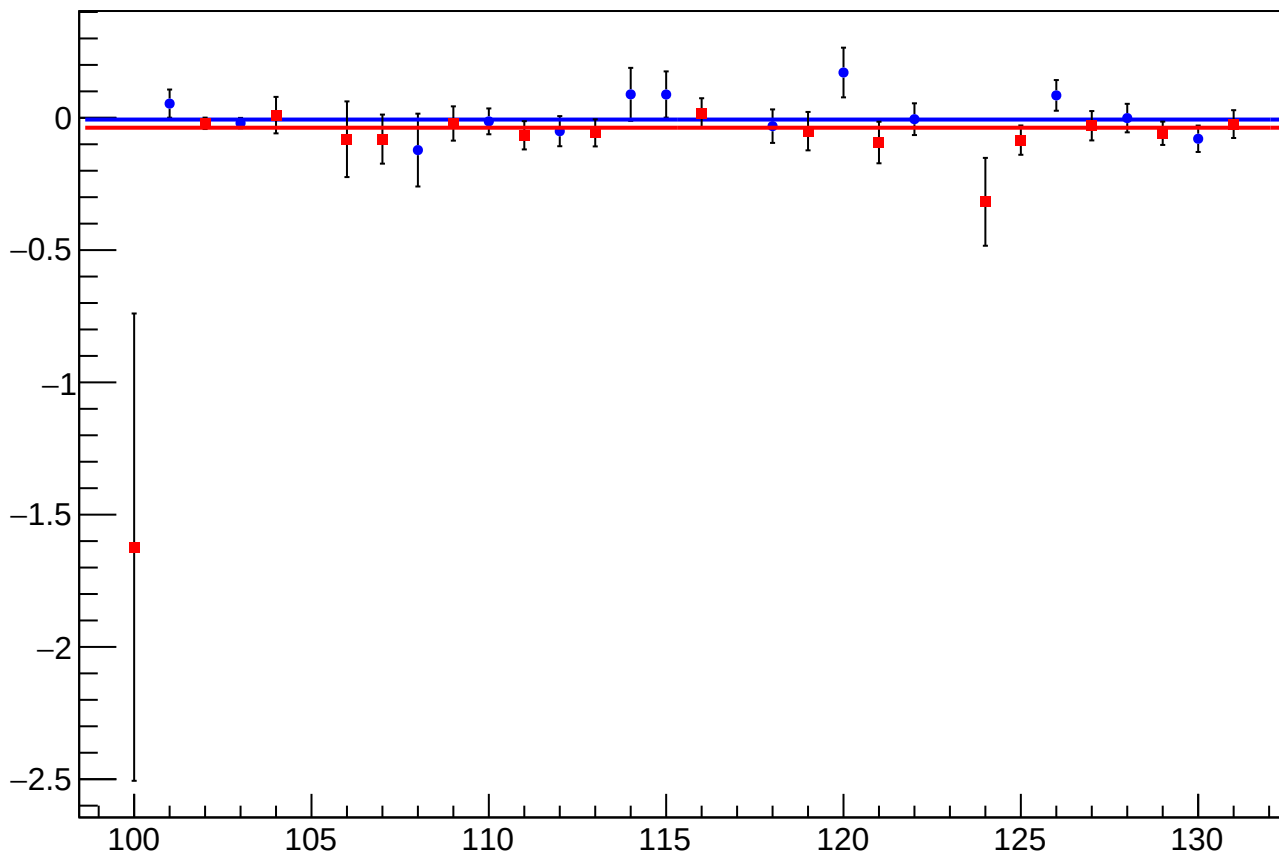
Right: 0.001+/-0.000 χ^2/NDF : 5987059.4/28

In: 0.002+/-0.000 χ^2/NDF : 1999968.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5987059.4/28

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

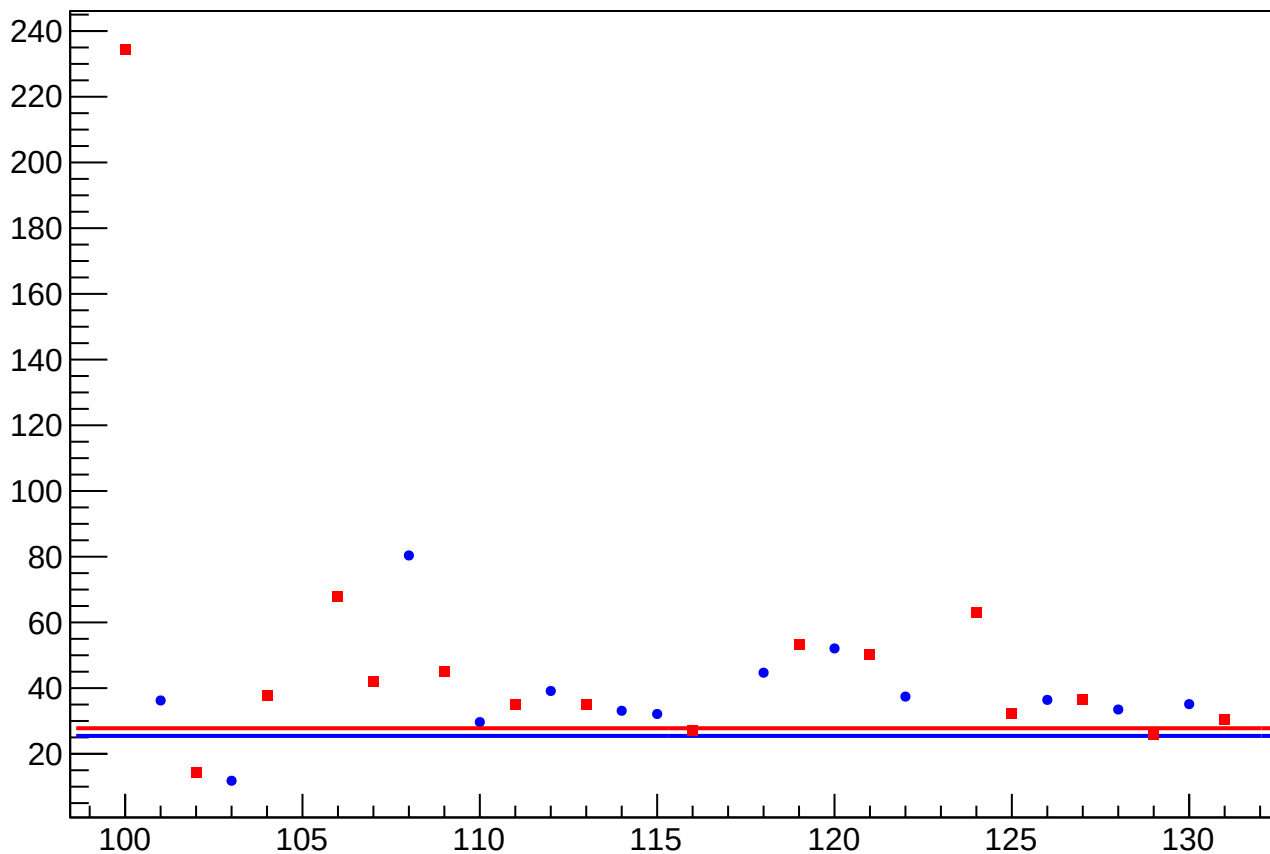
Right: -0.022 ± 0.009 χ^2/NDF : 26.7/28

In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 26.7/28

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.791+/-0.009 χ^2/NDF : 1936330.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

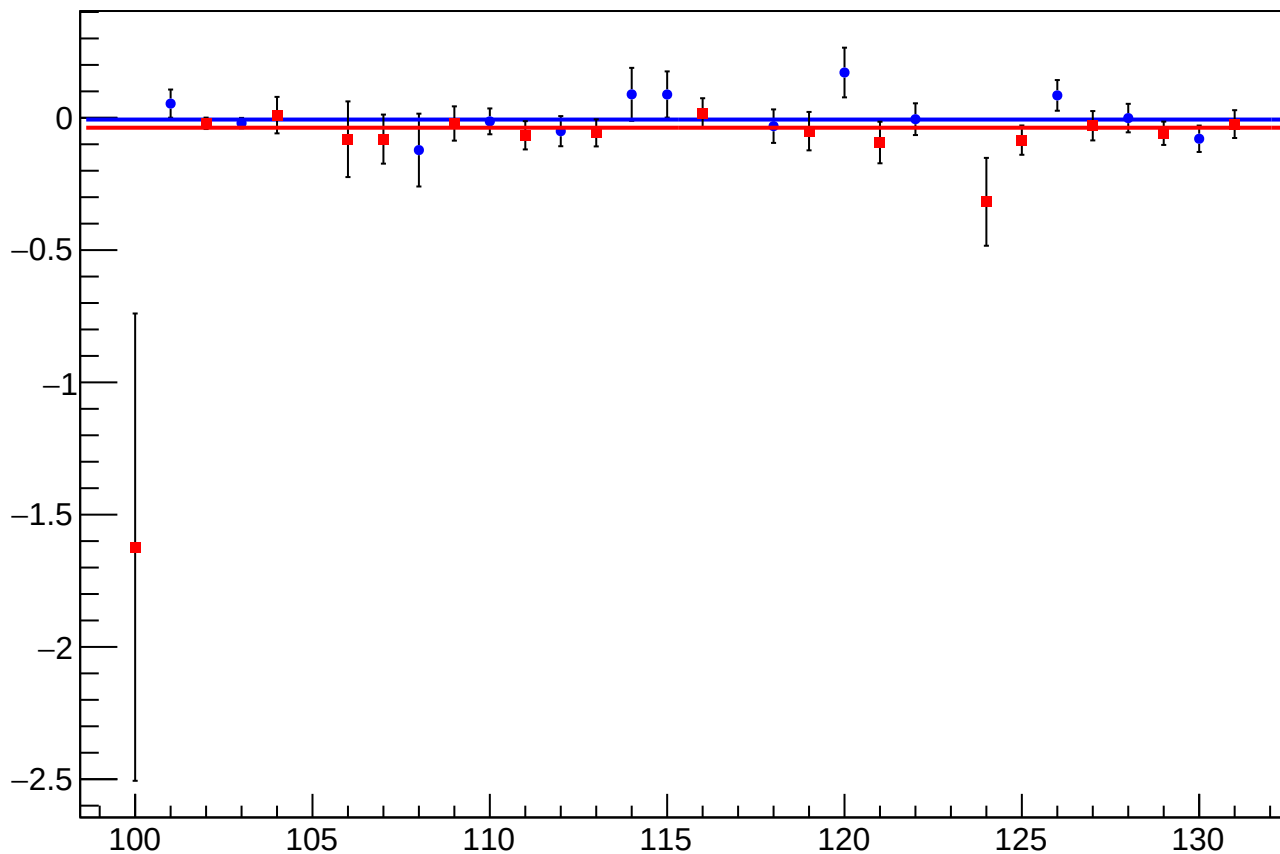
Right: 26.631+/-0.007 χ^2/NDF : 4104312.7/28

In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.631+/-0.007 χ^2/NDF : 4104312.7/28

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

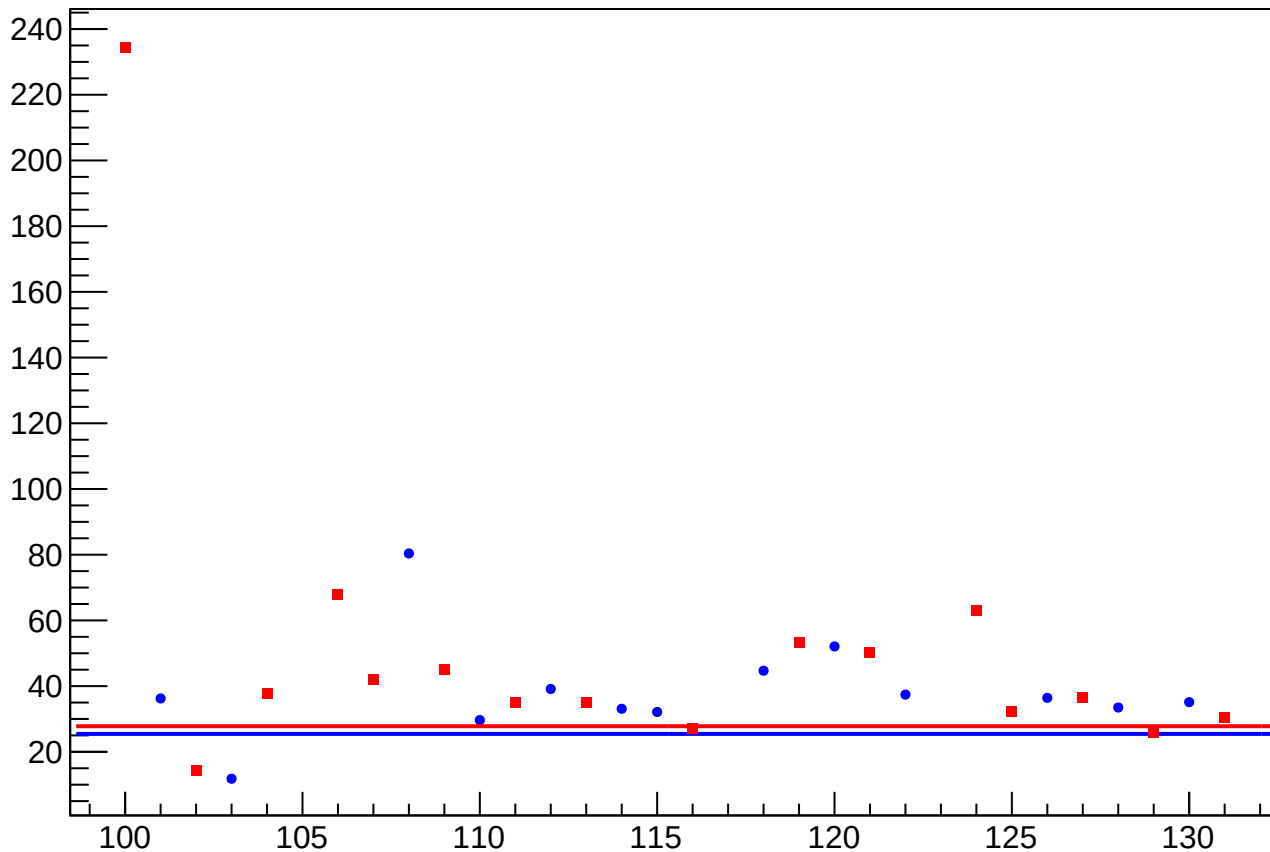
Right: -0.022 ± 0.009 χ^2/NDF : 26.7/28

In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 26.7/28

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.791+/-0.009 χ^2/NDF : 1936330.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

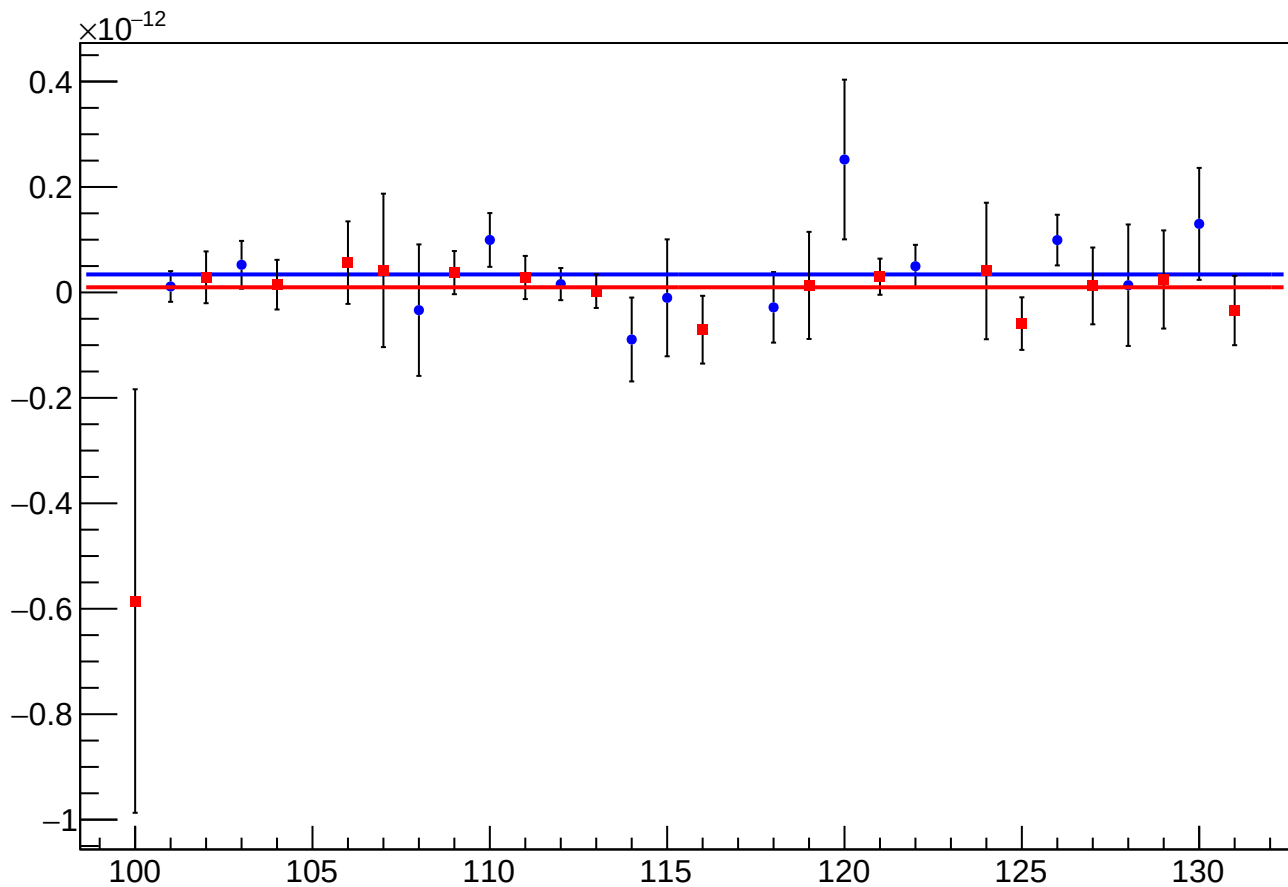
Right: 26.631+/-0.007 χ^2/NDF : 4104312.7/28

In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.631+/-0.007 χ^2/NDF : 4104312.7/28

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

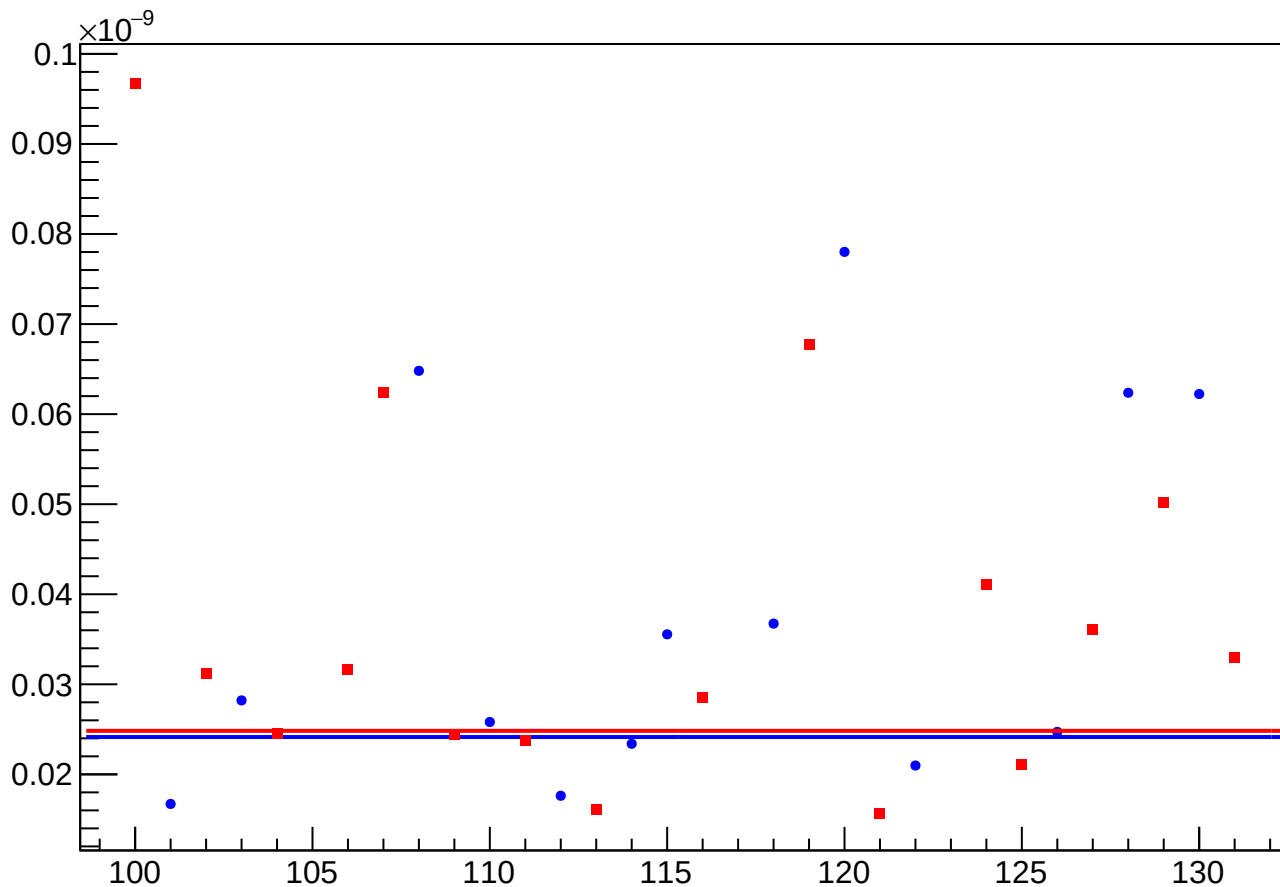
Right: 0.000+/-0.000 χ^2/NDF : 20.8/28

In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/28

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1288348.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1175028.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

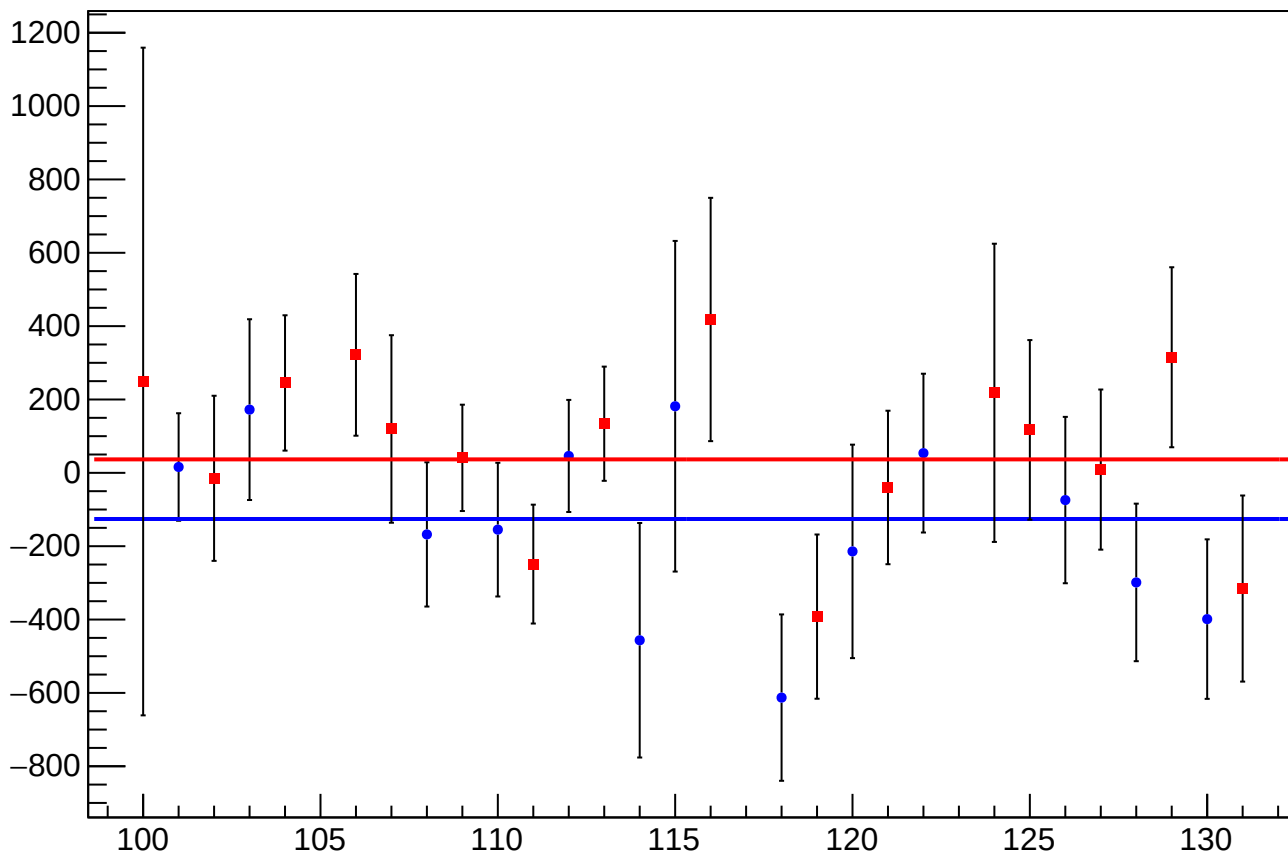
Right: 0.000+/-0.000 χ^2/NDF : 2465825.9/28

In: 0.000+/-0.000 χ^2/NDF : 1288348.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2465825.9/28

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -125.838 ± 58.587 χ^2/NDF : 12.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.717 ± 54.166 χ^2/NDF : 15.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

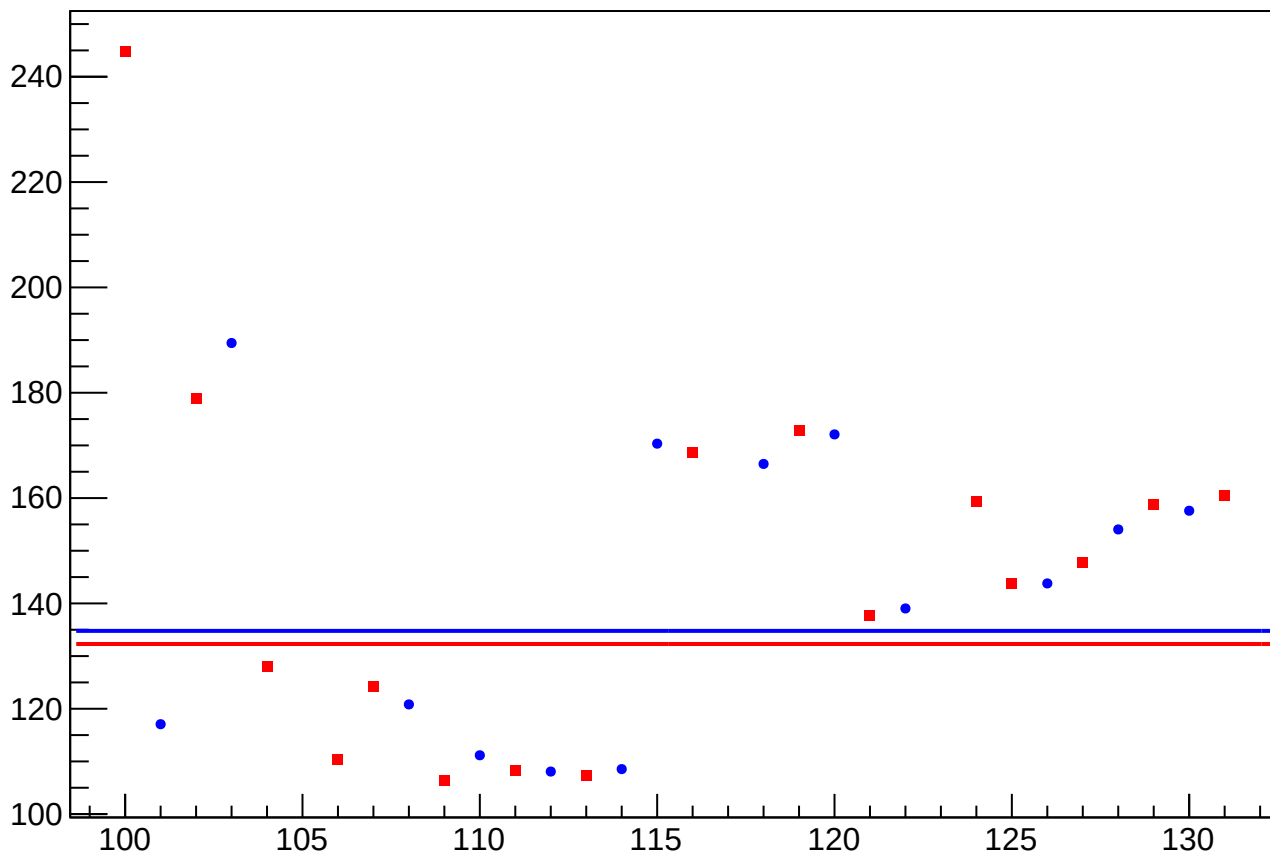
Right: -38.198 ± 39.772 χ^2/NDF : 32.4/28

In: -125.838 ± 58.587 χ^2/NDF : 12.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.198 ± 39.772 χ^2/NDF : 32.4/28

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.786+/-0.041 χ^2/NDF : 372234.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.294+/-0.038 χ^2/NDF : 460522.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

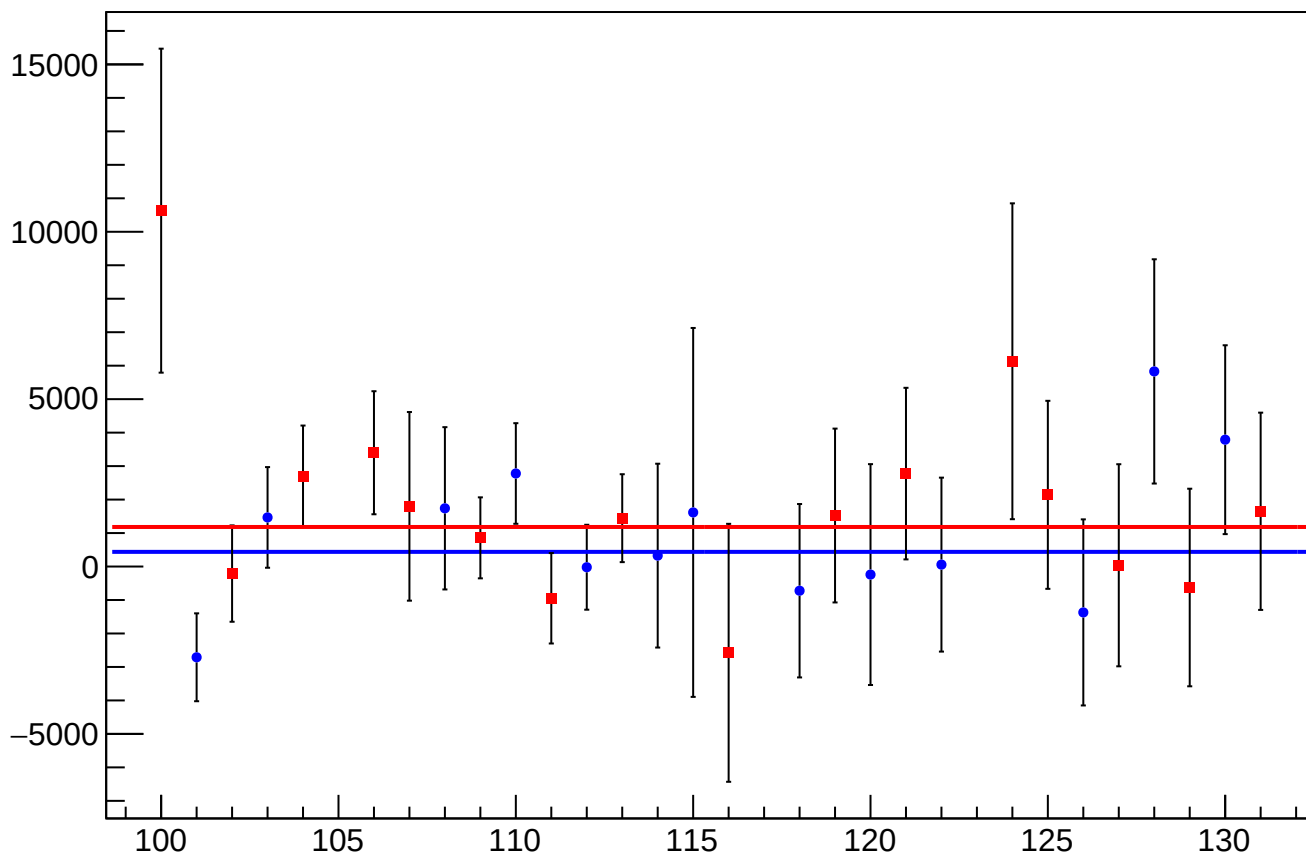
Right: 133.443+/-0.028 χ^2/NDF : 834707.7/28

In: 134.786+/-0.041 χ^2/NDF : 372234.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.443+/-0.028 χ^2/NDF : 834707.7/28

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 438.128+/-562.876 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1181.669+/-495.256 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

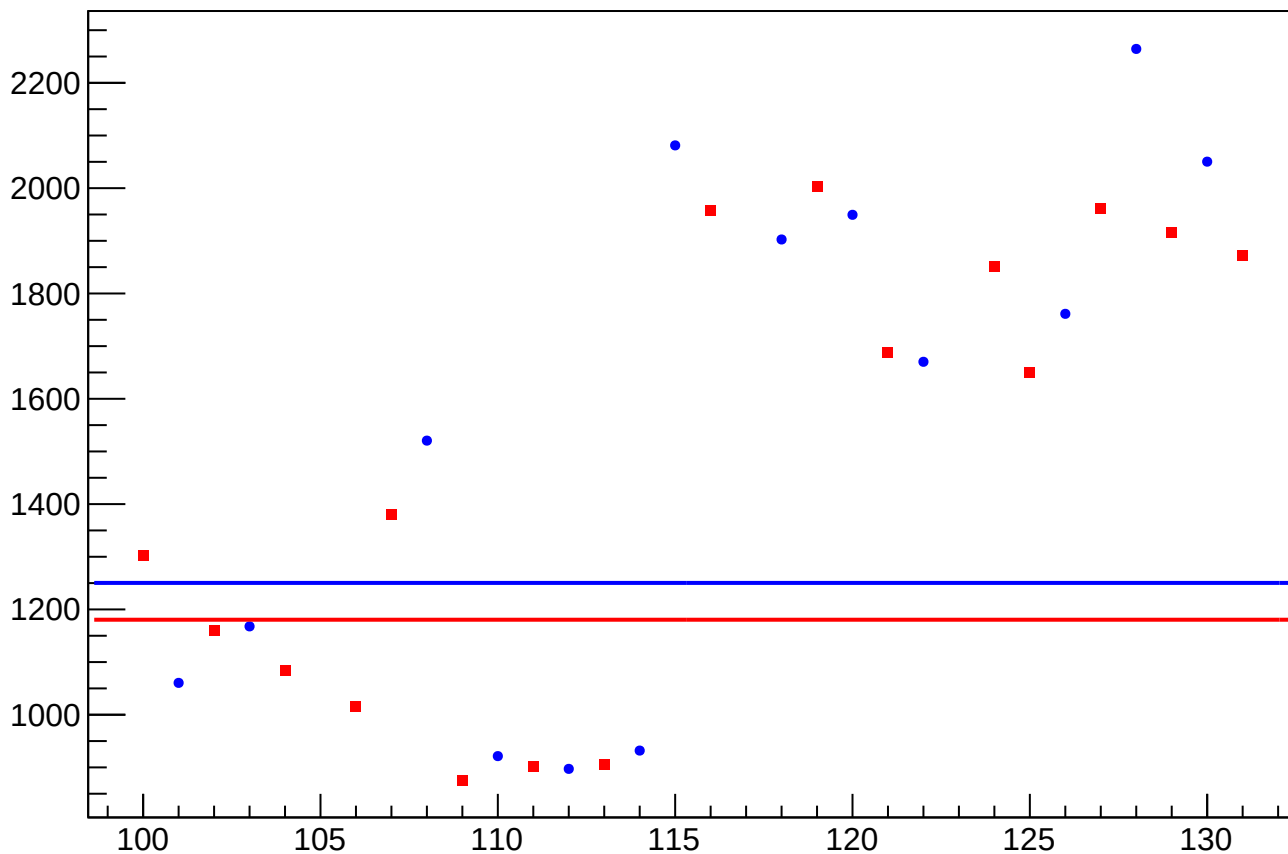
Right: 857.221+/-371.820 χ^2/NDF : 27.8/28

In: 438.128+/-562.876 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.221+/-371.820 χ^2/NDF : 27.8/28

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1250.347+/-0.398 χ^2/NDF : 1076576.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1180.435+/-0.350 χ^2/NDF : 1161377.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

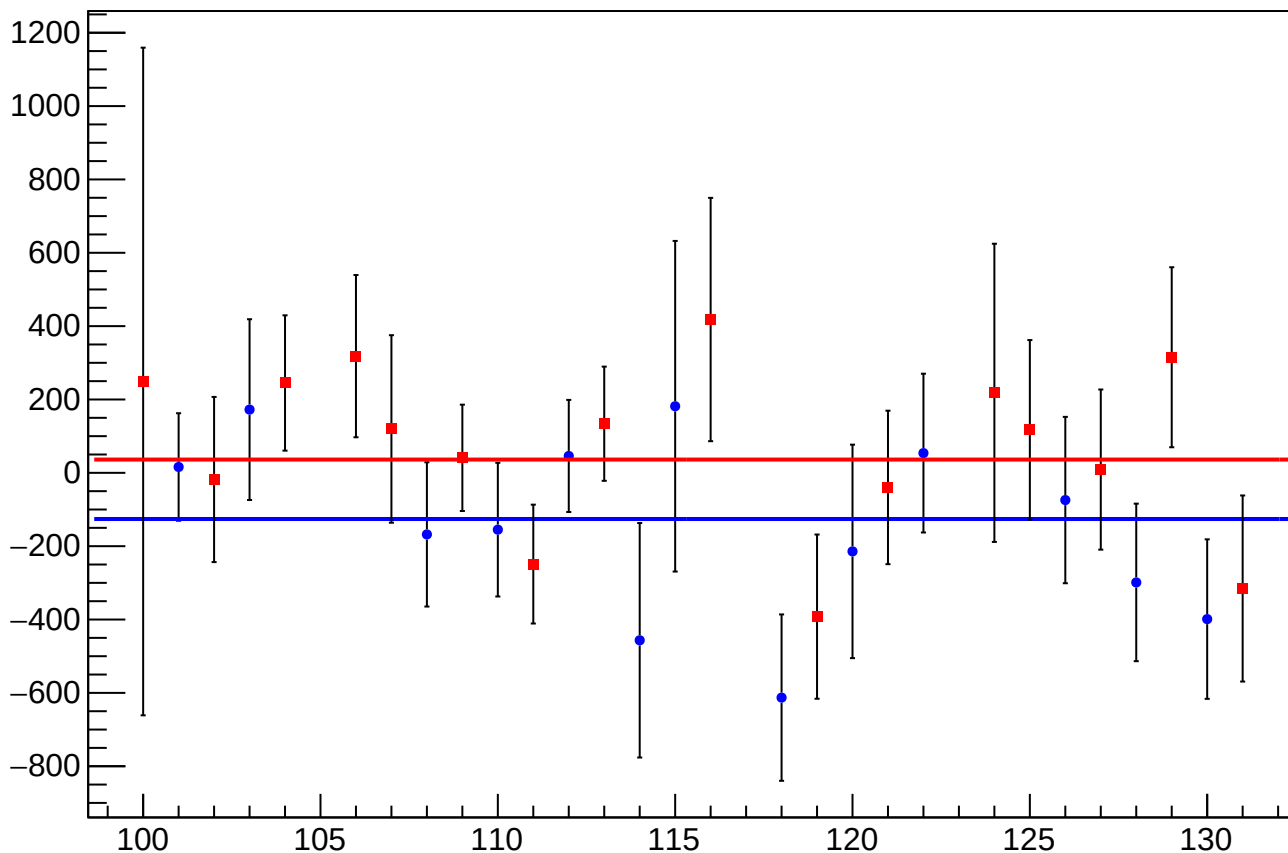
Right: 1210.942+/-0.263 χ^2/NDF : 2255344.5/28

In: 1250.347+/-0.398 χ^2/NDF : 1076576.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.942+/-0.263 χ^2/NDF : 2255344.5/28

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.196+/-54.178 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

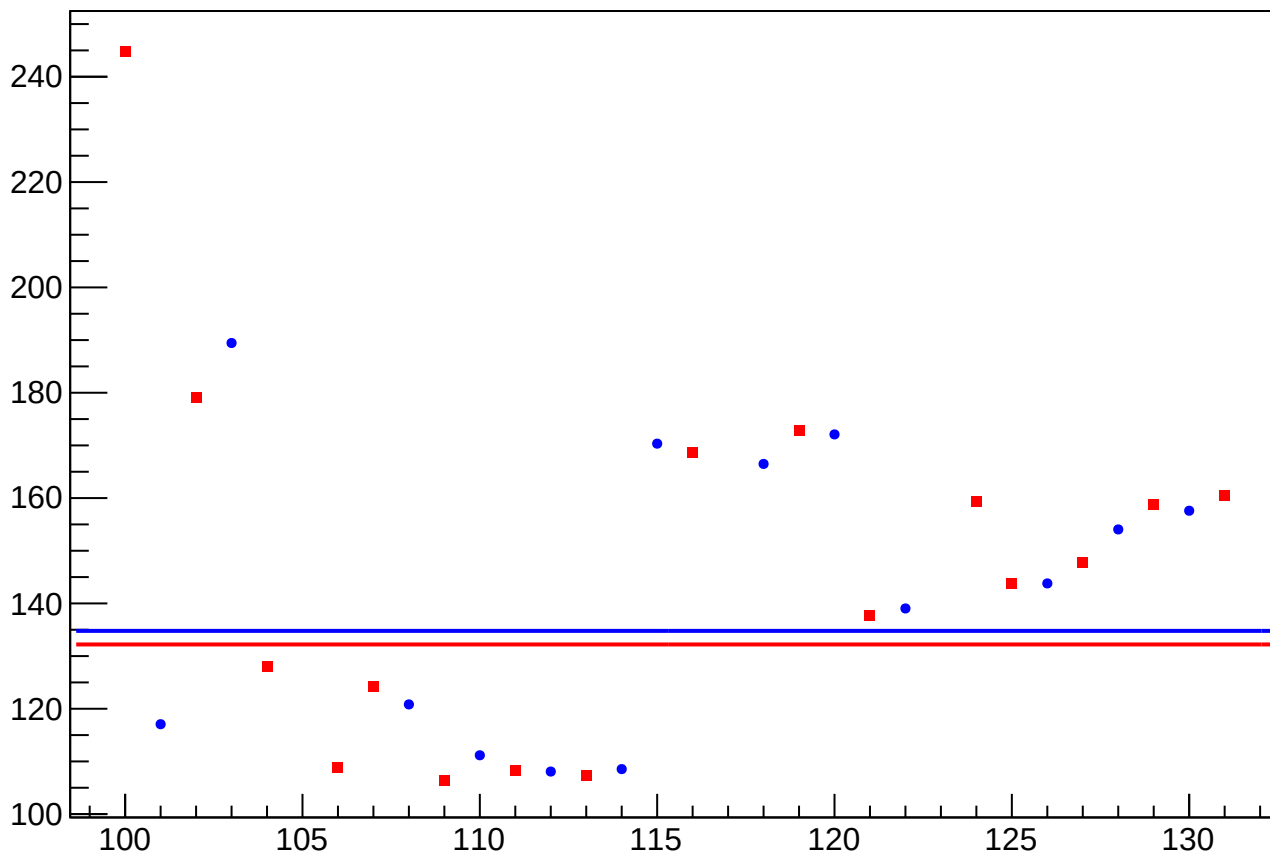
Right: -38.504+/-39.777 χ^2/NDF : 32.3/28

In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.504+/-39.777 χ^2/NDF : 32.3/28

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.786+/-0.041 χ^2/NDF : 372237.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.209+/-0.038 χ^2/NDF : 463570.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

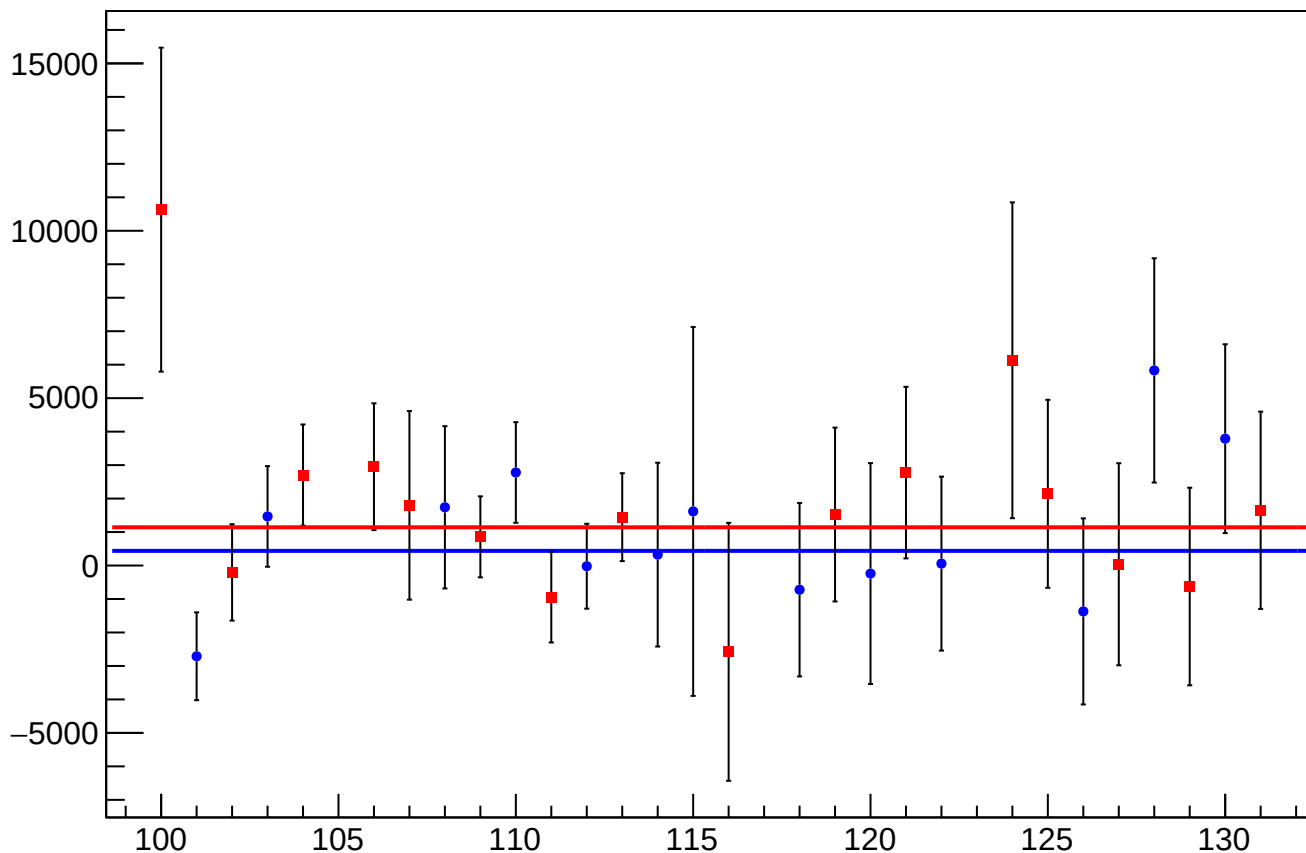
Right: 133.397+/-0.028 χ^2/NDF : 837895.0/28

In: 134.786+/-0.041 χ^2/NDF : 372237.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.397+/-0.028 χ^2/NDF : 837895.0/28

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.434+/-496.348 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

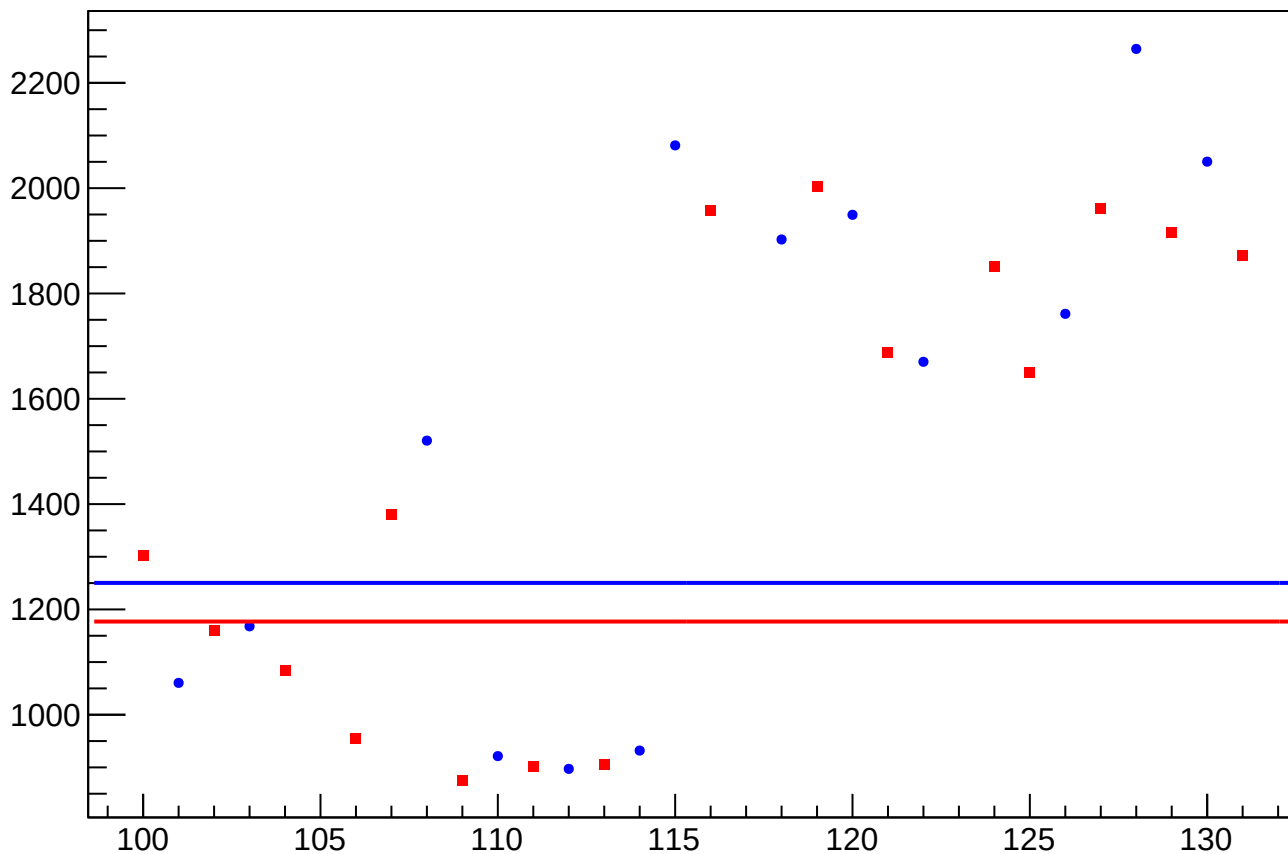
Right: 834.313+/-372.283 χ^2/NDF : 27.1/28

In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.313+/-372.283 χ^2/NDF : 27.1/28

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.969+/-0.351 χ^2/NDF : 1173789.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

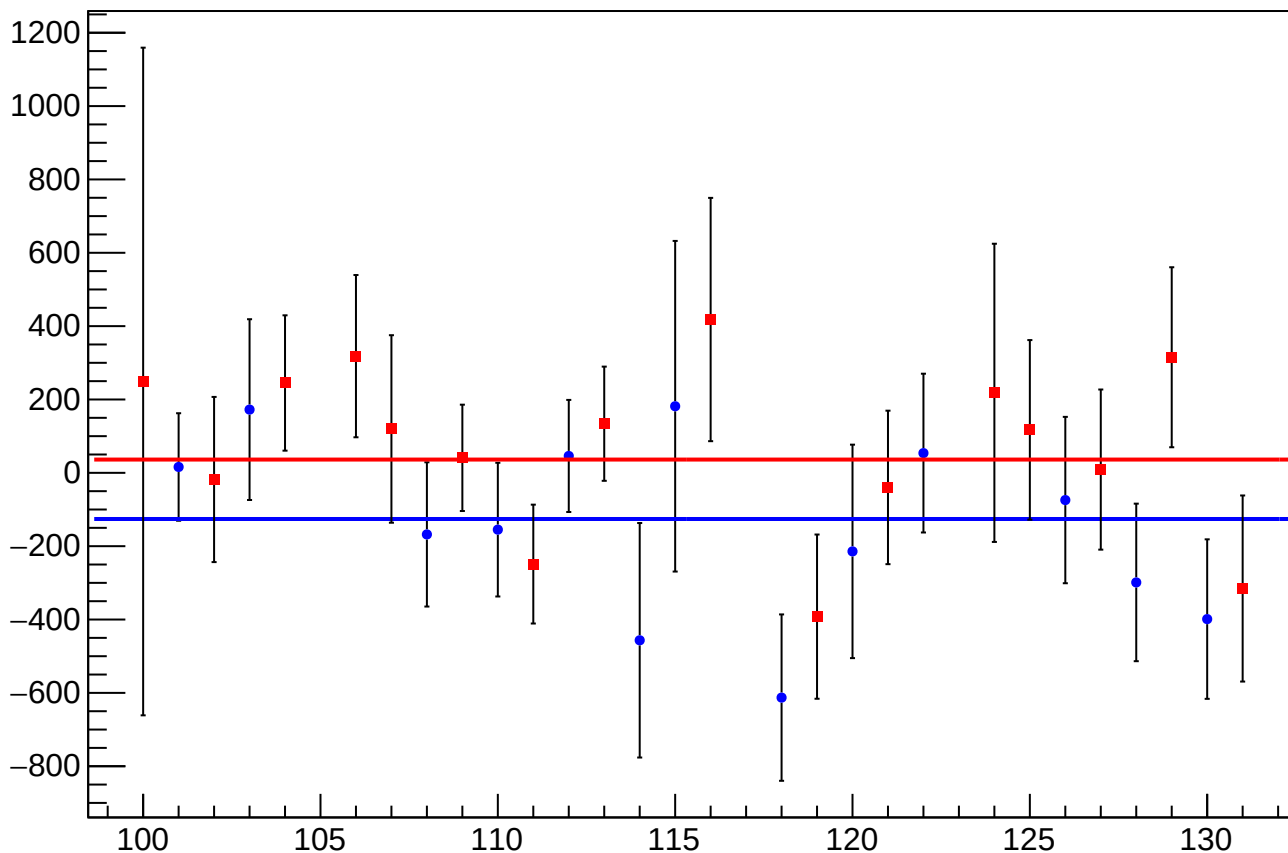
Right: 1209.074+/-0.263 χ^2/NDF : 2269478.3/28

In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.074+/-0.263 χ^2/NDF : 2269478.3/28

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.196+/-54.178 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

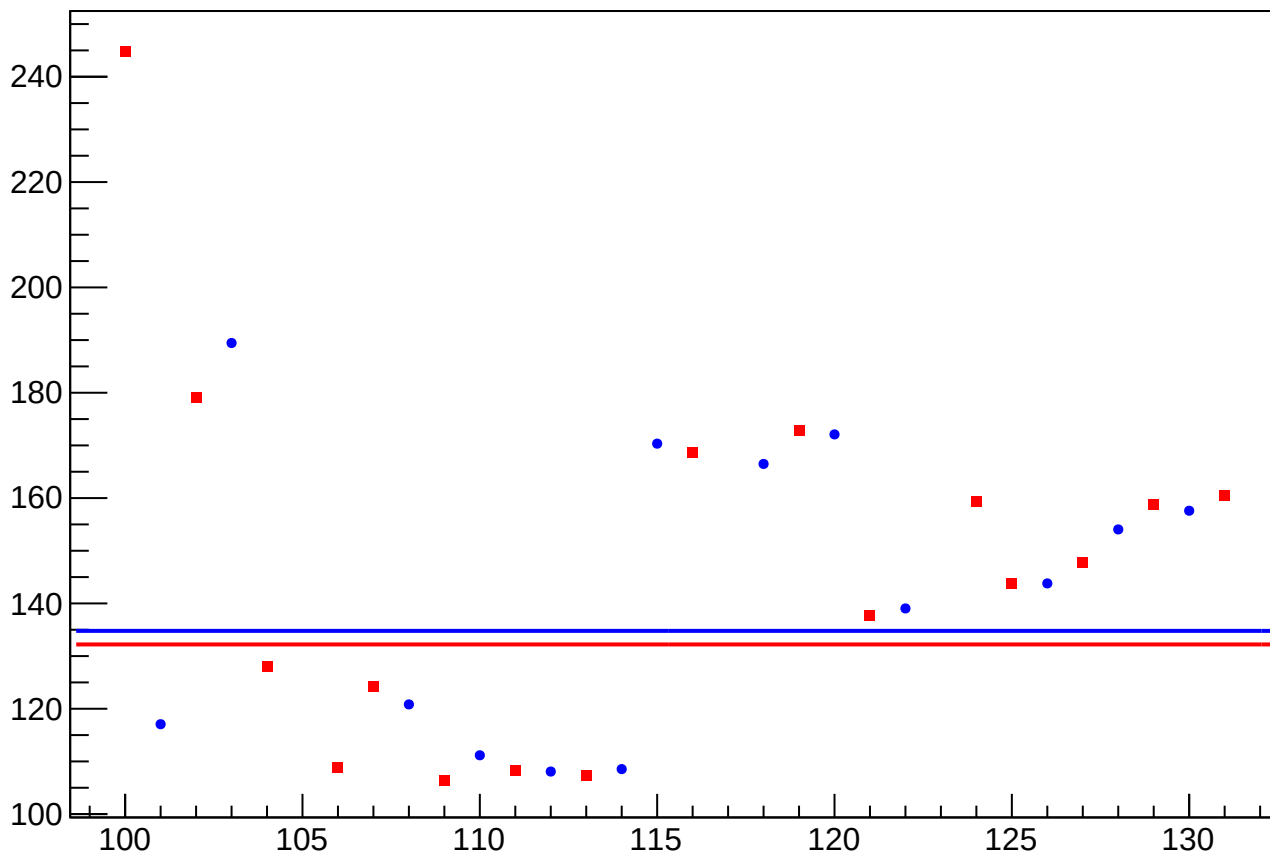
Right: -38.504+/-39.777 χ^2/NDF : 32.3/28

In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.504+/-39.777 χ^2/NDF : 32.3/28

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.786+/-0.041 χ^2/NDF : 372237.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.209+/-0.038 χ^2/NDF : 463570.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

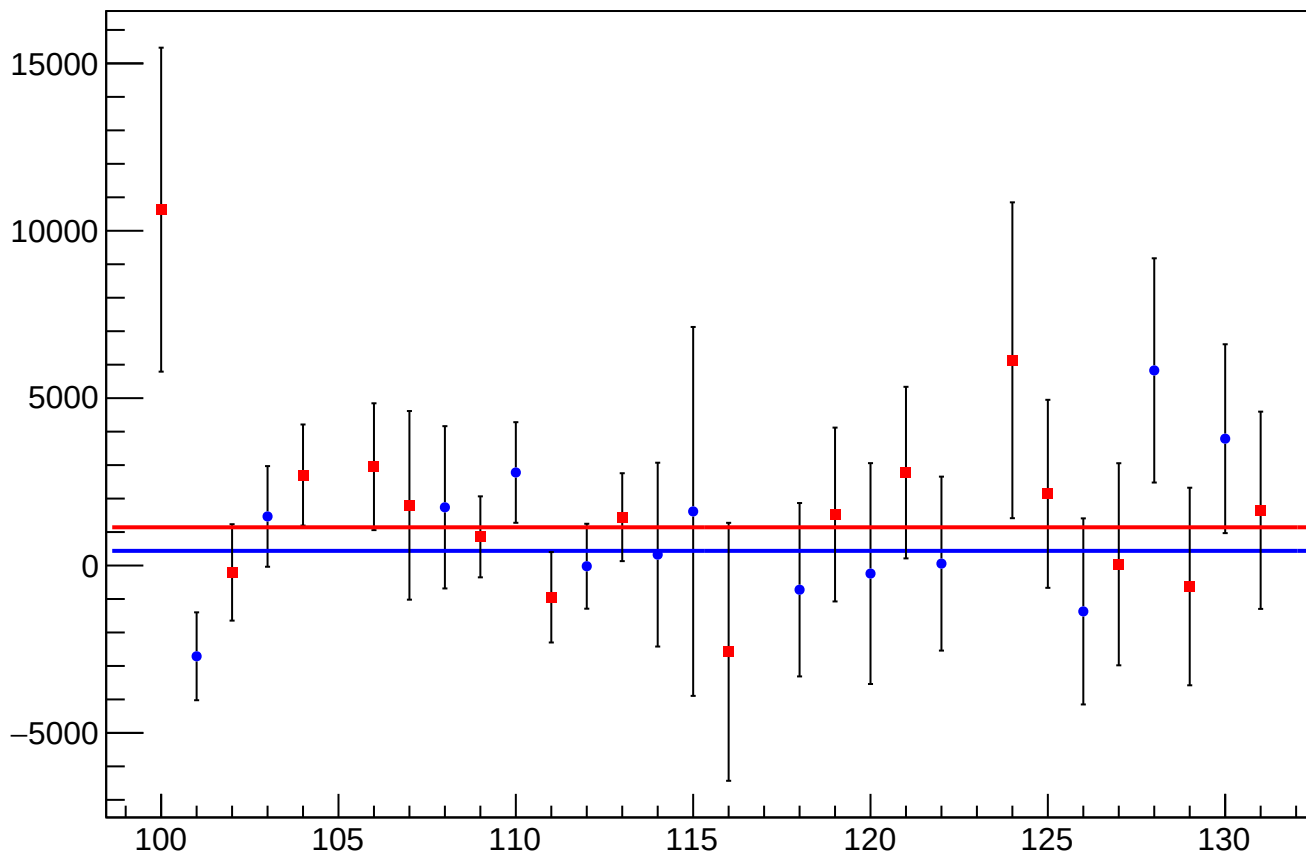
Right: 133.397+/-0.028 χ^2/NDF : 837895.0/28

In: 134.786+/-0.041 χ^2/NDF : 372237.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.397+/-0.028 χ^2/NDF : 837895.0/28

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.434+/-496.348 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

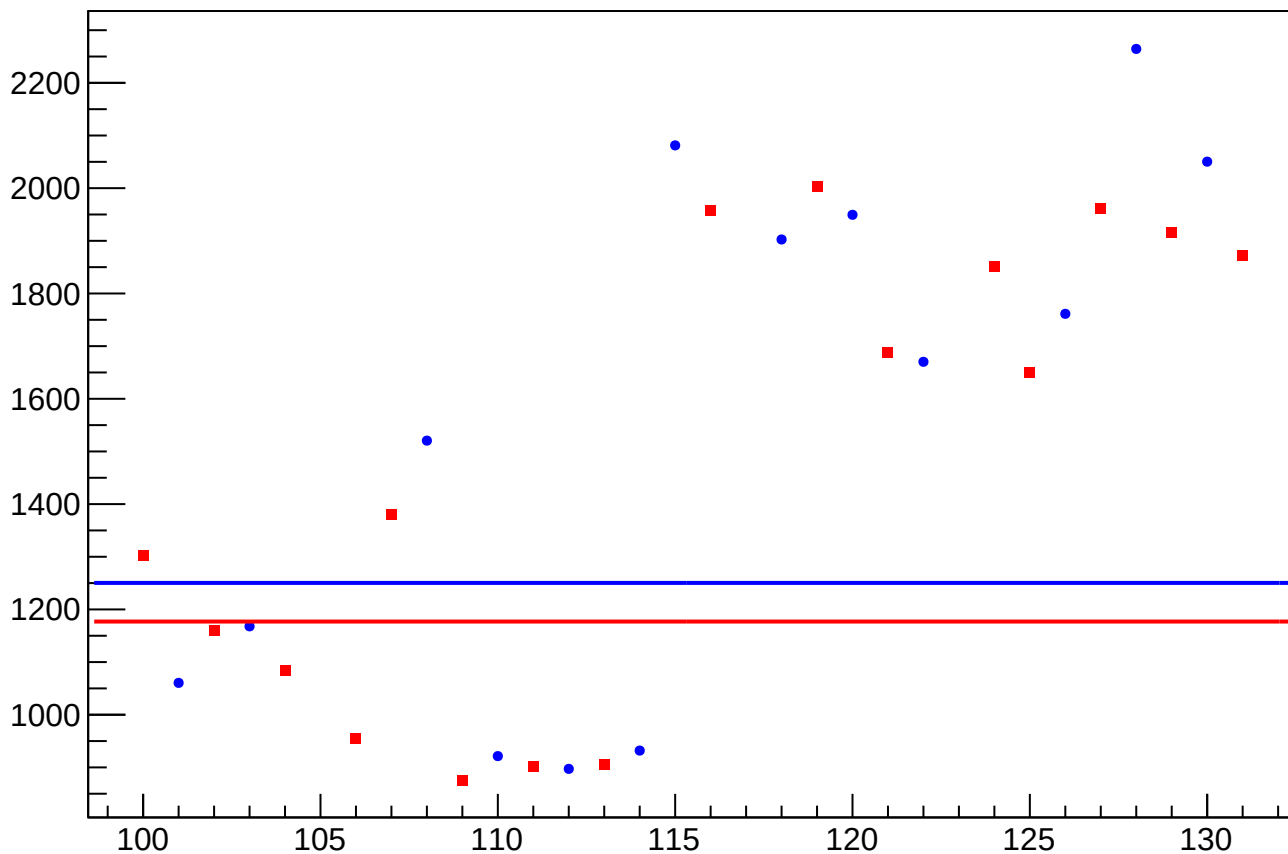
Right: 834.313+/-372.283 χ^2/NDF : 27.1/28

In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.313+/-372.283 χ^2/NDF : 27.1/28

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.969+/-0.351 χ^2/NDF : 1173789.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

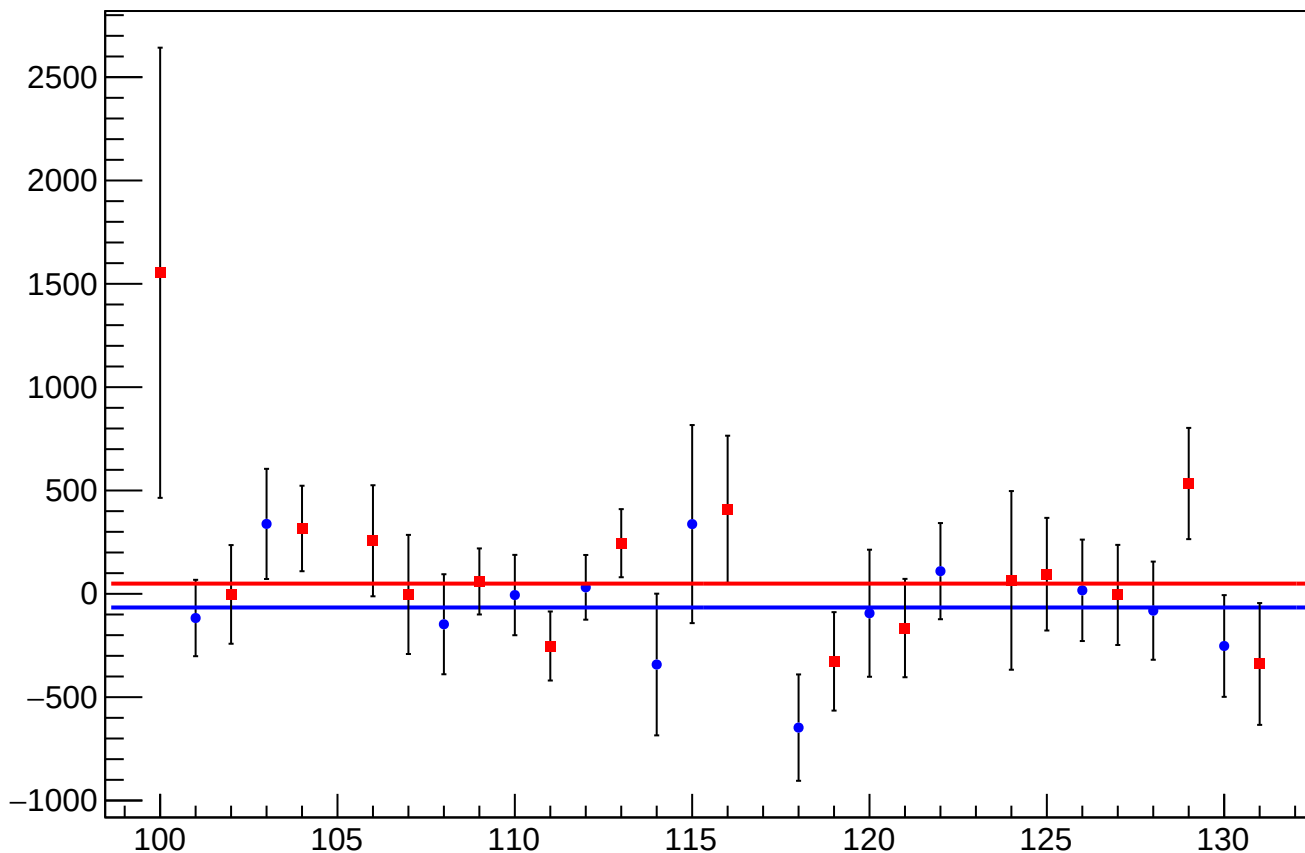
Right: 1209.074+/-0.263 χ^2/NDF : 2269478.3/28

In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.074+/-0.263 χ^2/NDF : 2269478.3/28

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -66.042 $\pm$ 65.154 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.441 $\pm$ 59.356 χ^2 /NDF: 18.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

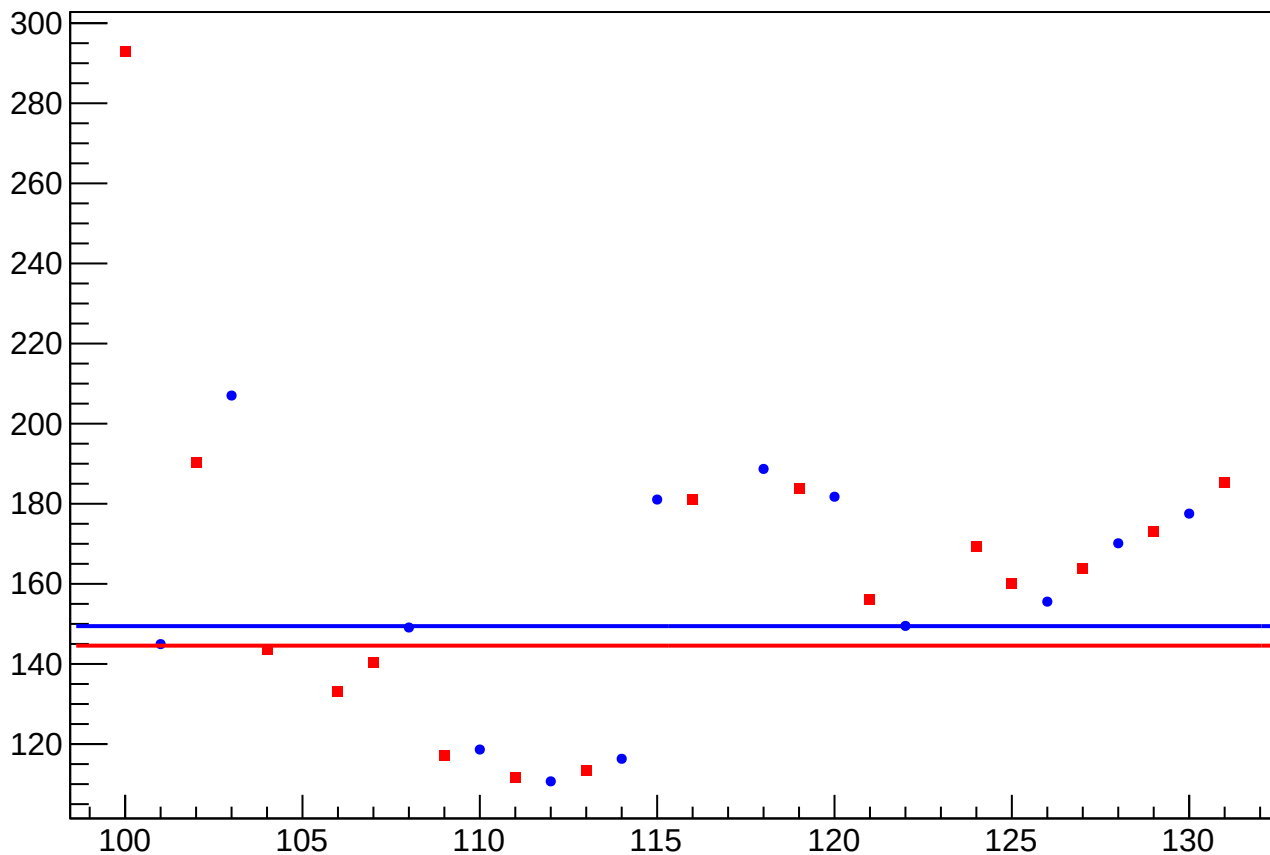
Right: -2.934 $\pm$ 43.878 χ^2 /NDF: 30.7/28

In: -66.042 $\pm$ 65.154 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.934 $\pm$ 43.878 χ^2 /NDF: 30.7/28

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 149.446+/-0.046 χ^2/NDF : 405793.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.573+/-0.042 χ^2/NDF : 489618.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

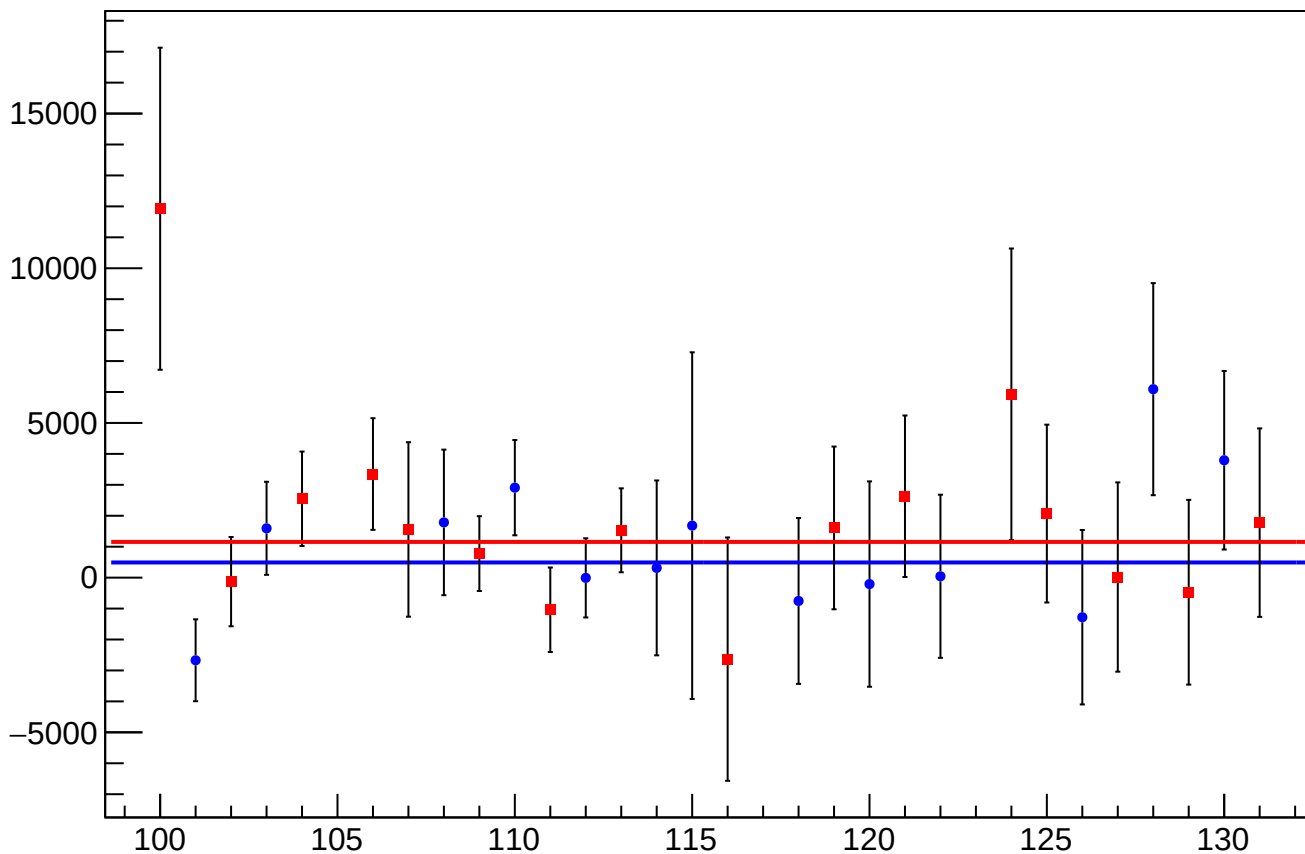
Right: 146.783+/-0.031 χ^2/NDF : 901526.2/28

In: 149.446+/-0.046 χ^2/NDF : 405793.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.783+/-0.031 χ^2/NDF : 901526.2/28

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 490.416+/-569.027 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.501+/-500.470 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

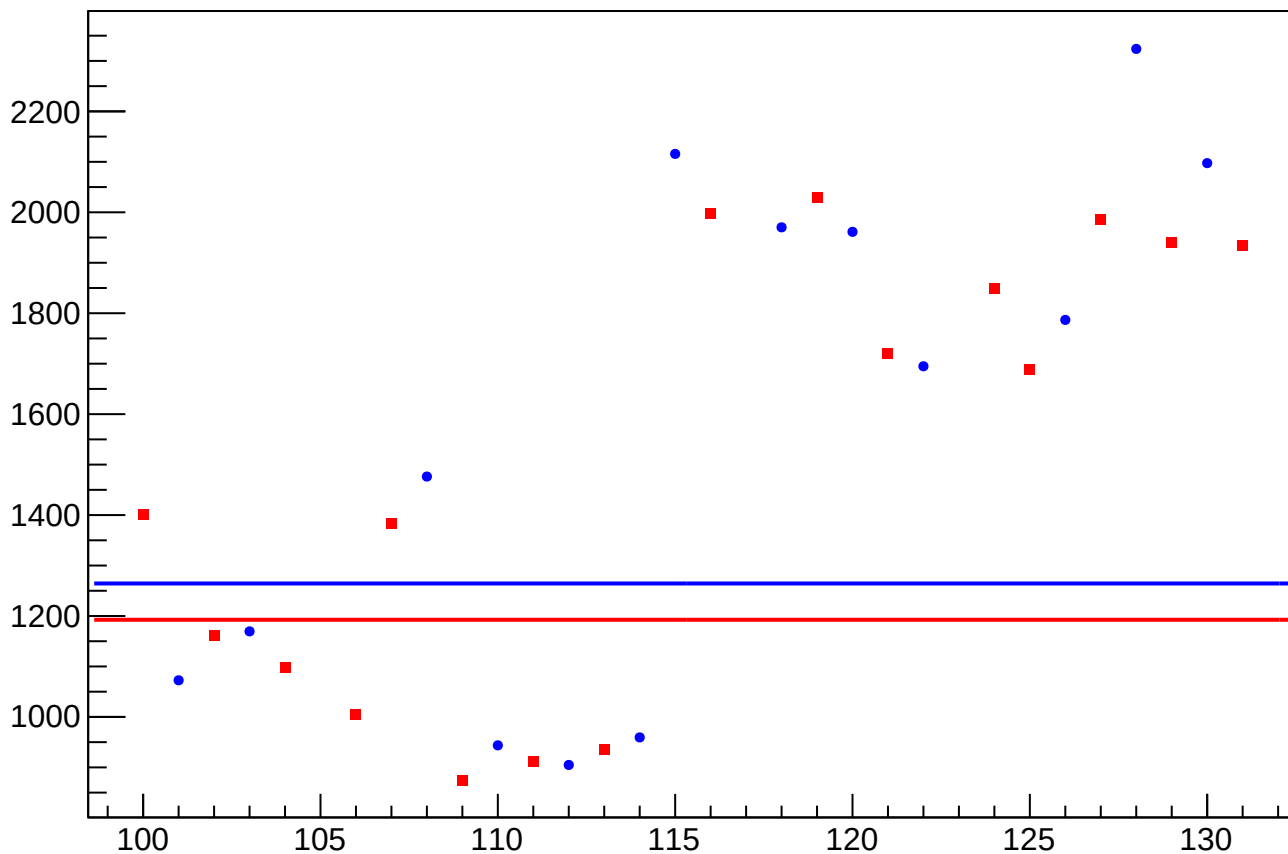
Right: 864.853+/-375.799 χ^2/NDF : 27.7/28

In: 490.416+/-569.027 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.853+/-375.799 χ^2/NDF : 27.7/28

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.450+/-0.402 χ^2/NDF : 1087039.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.523+/-0.354 χ^2/NDF : 1182095.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

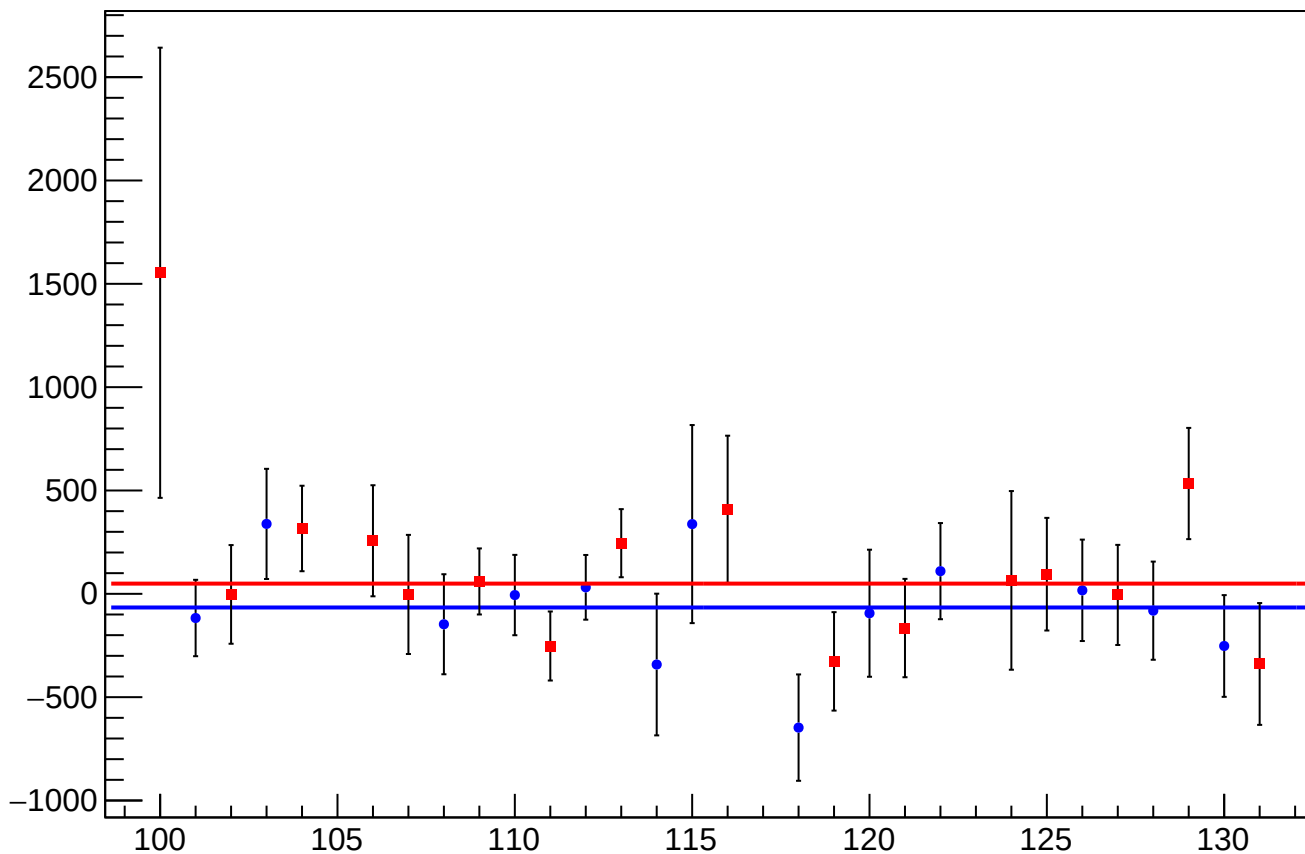
Right: 1223.895+/-0.266 χ^2/NDF : 2287152.3/28

In: 1264.450+/-0.402 χ^2/NDF : 1087039.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1223.895+/-0.266 χ^2/NDF : 2287152.3/28

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -66.042 $\pm$ 65.154 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.440 $\pm$ 59.356 χ^2 /NDF: 18.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

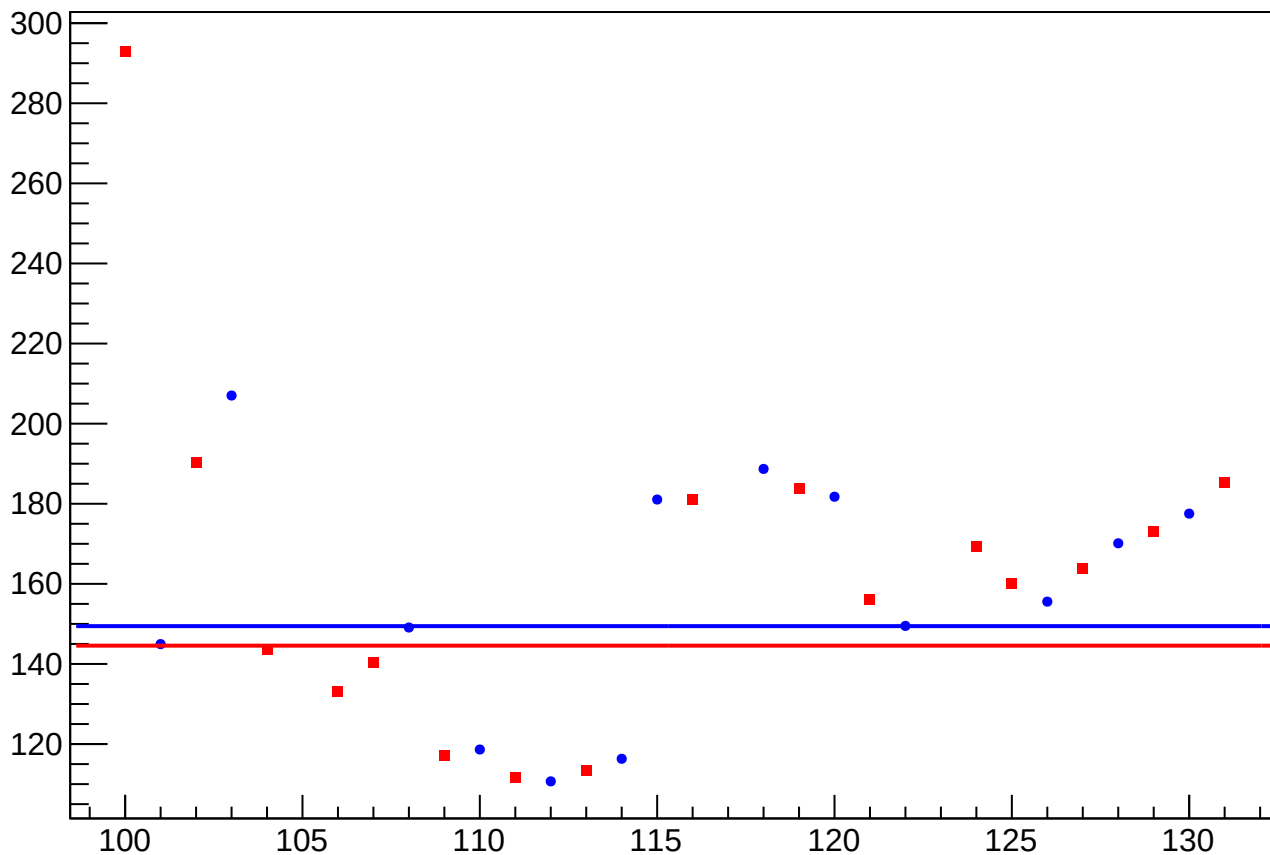
Right: -2.935 $\pm$ 43.878 χ^2 /NDF: 30.7/28

In: -66.042 $\pm$ 65.154 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.935 $\pm$ 43.878 χ^2 /NDF: 30.7/28

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 149.446 $\pm$ 0.046 χ^2 /NDF: 405796.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.573 $\pm$ 0.042 χ^2 /NDF: 489619.8/15

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

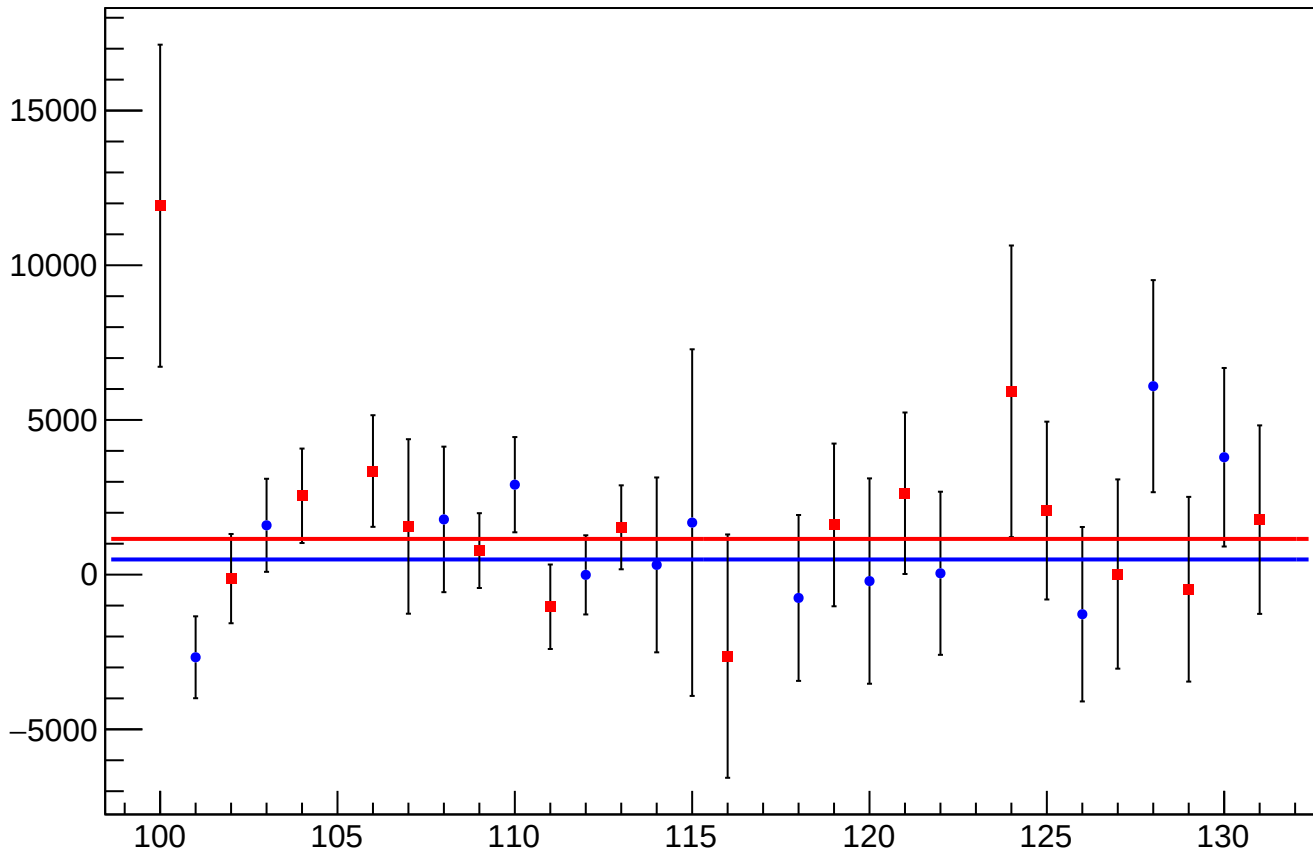
Right: 146.783 $\pm$ 0.031 χ^2 /NDF: 901530.7/28

In: 149.446 $\pm$ 0.046 χ^2 /NDF:405796.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.783 $\pm$ 0.031 χ^2 /NDF: 901530.7/28

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 490.415+/-569.026 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.499+/-500.469 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

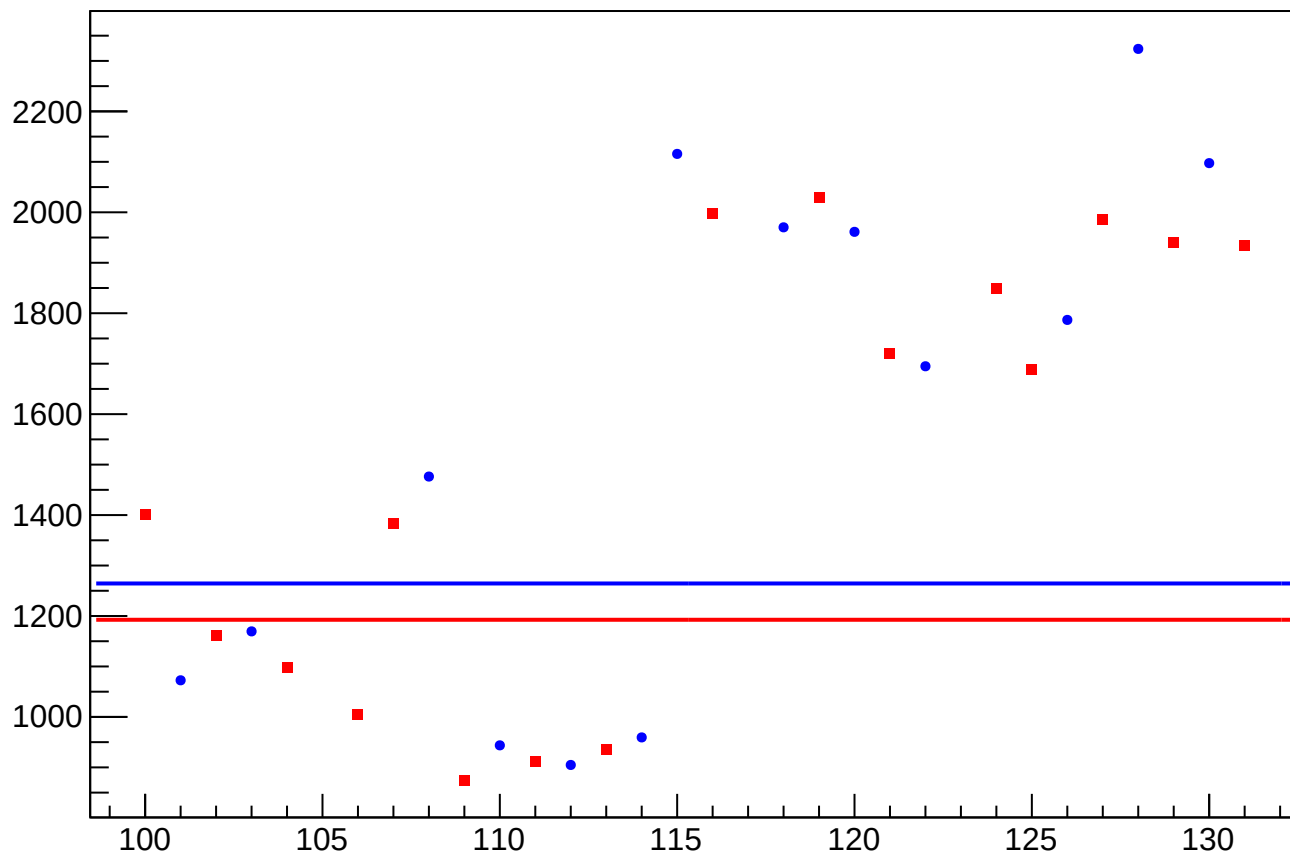
Right: 864.852+/-375.799 χ^2/NDF : 27.7/28

In: 490.415+/-569.026 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.852+/-375.799 χ^2/NDF : 27.7/28

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.448+/-0.402 χ^2/NDF : 1087044.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.522+/-0.354 χ^2/NDF : 1182098.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

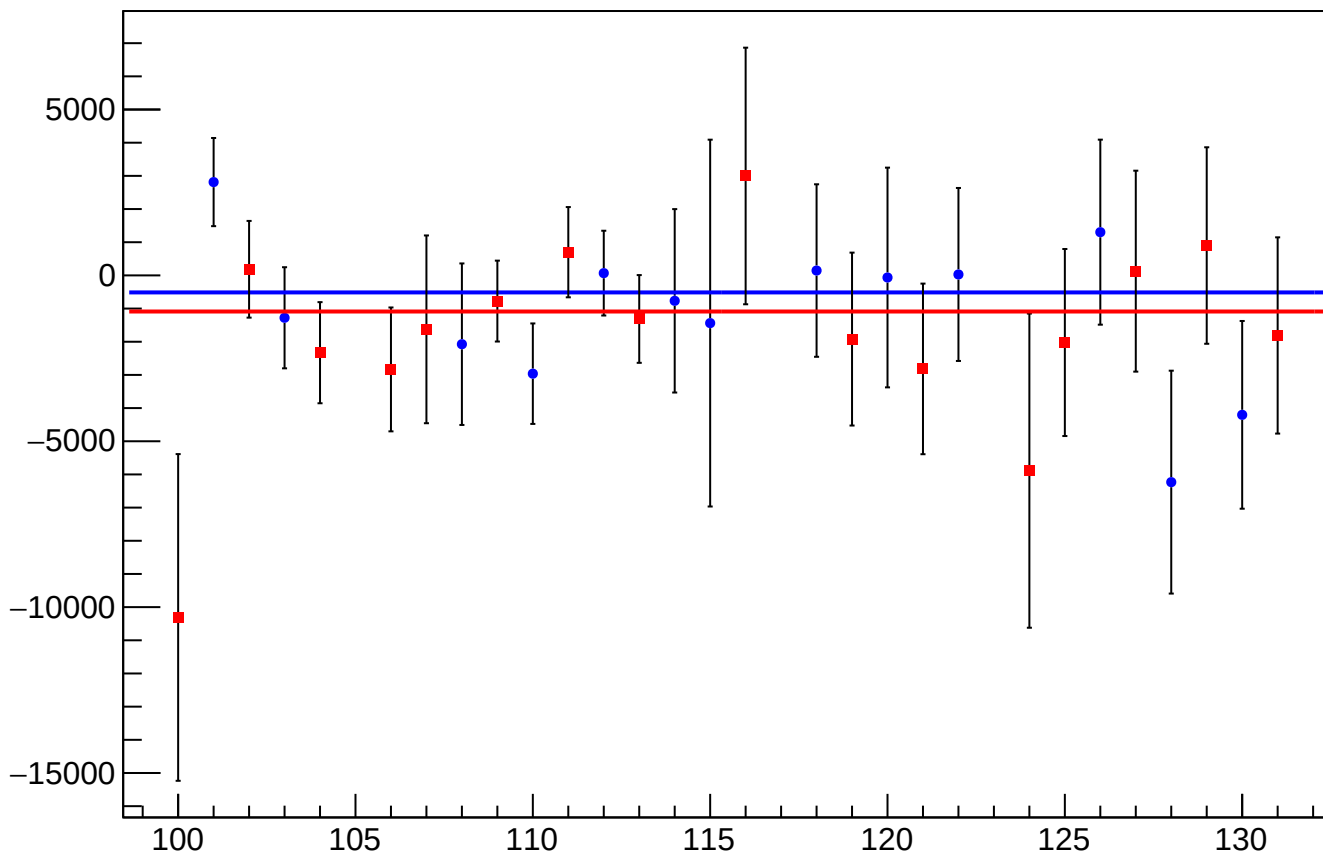
Right: 1223.894+/-0.266 χ^2/NDF : 2287160.3/28

In: 1264.448+/-0.402 χ^2/NDF : 1087044.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1223.894+/-0.266 χ^2/NDF : 2287160.3/28

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -513.296+/-567.423 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1088.668+/-499.267 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

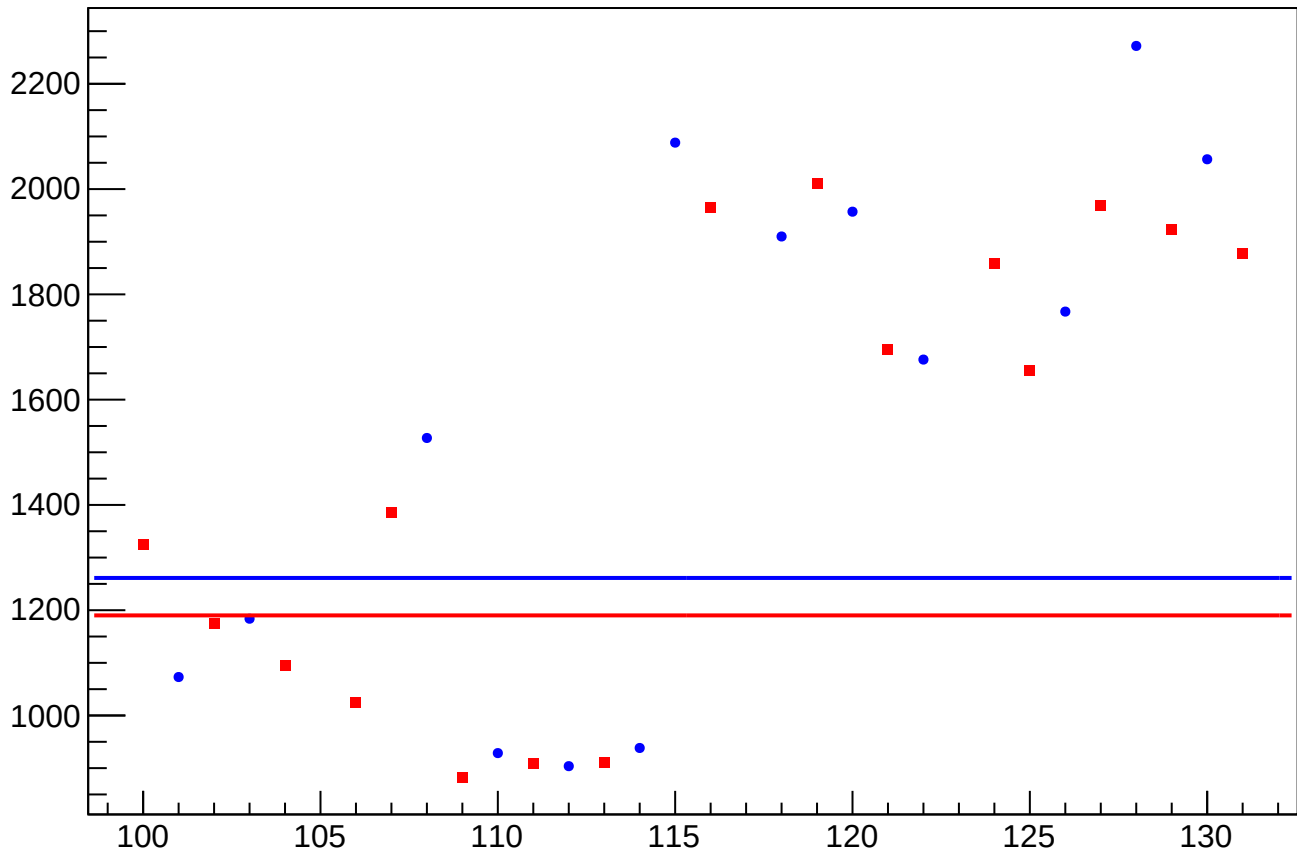
Right: -837.596+/-374.828 χ^2/NDF : 26.7/28

In: -513.296+/-567.423 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -837.596+/-374.828 χ^2/NDF : 26.7/28

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1261.289+/-0.401 χ^2/NDF : 1062631.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1190.138+/-0.353 χ^2/NDF : 1149688.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

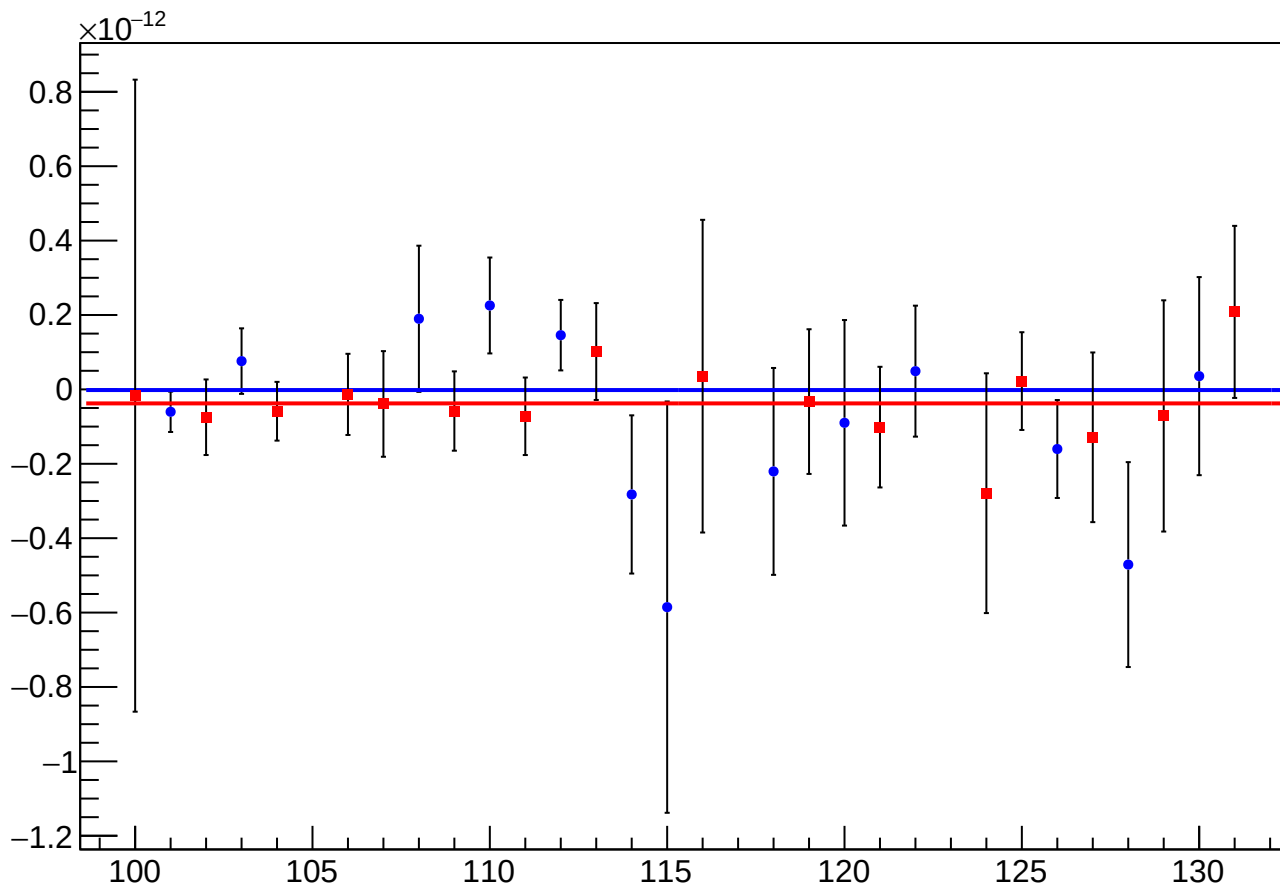
Right: 1221.186+/-0.265 χ^2/NDF : 2230045.1/28

In: 1261.289+/-0.401 χ^2/NDF : 1062631.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1221.186+/-0.265 χ^2/NDF : 2230045.1/28

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

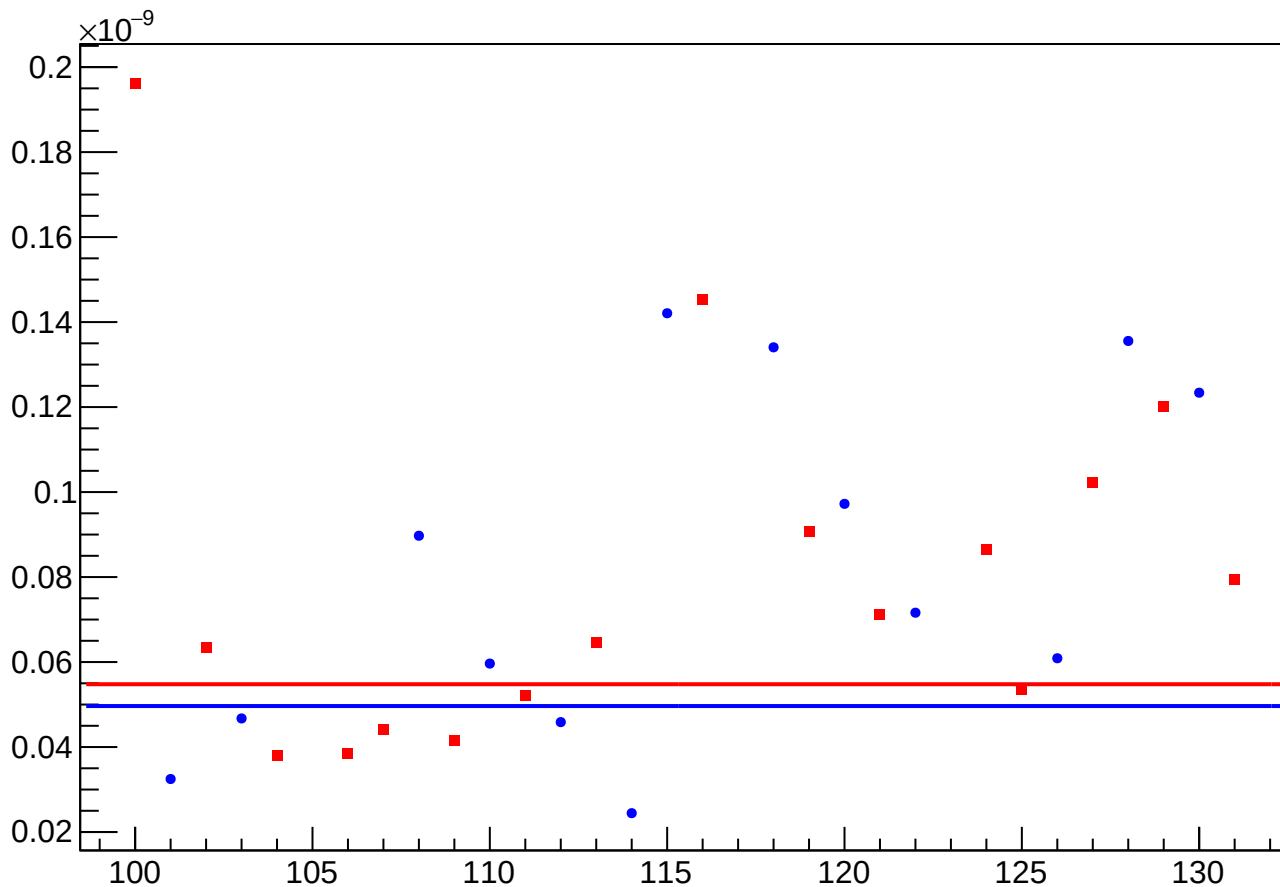
Right: -0.000+/-0.000 χ^2/NDF : 20.8/28

In: -0.000+/-0.000 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/28

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1022103.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 658205.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

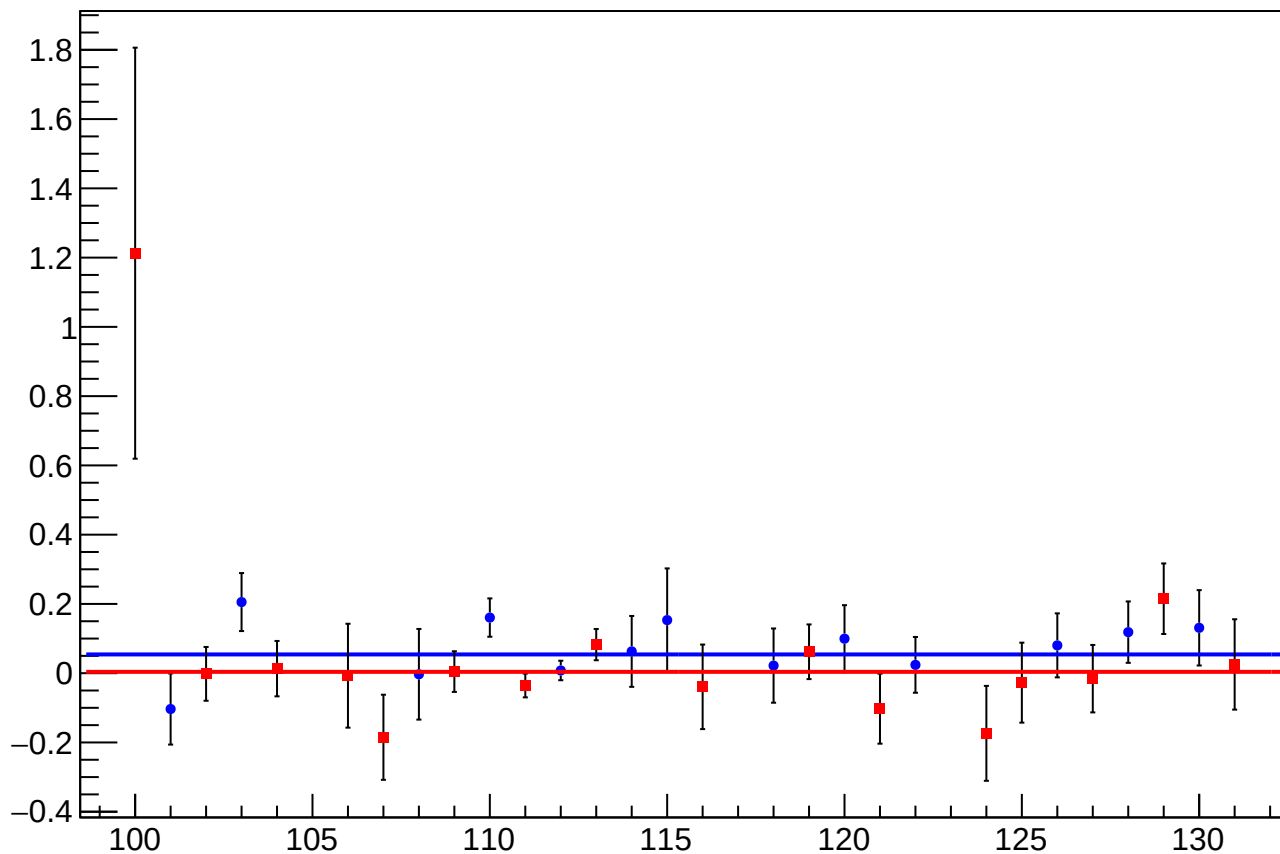
Right: 0.000+/-0.000 χ^2/NDF : 1702068.8/28

In: 0.000+/-0.000 χ^2/NDF : 1022103.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1702068.8/28

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

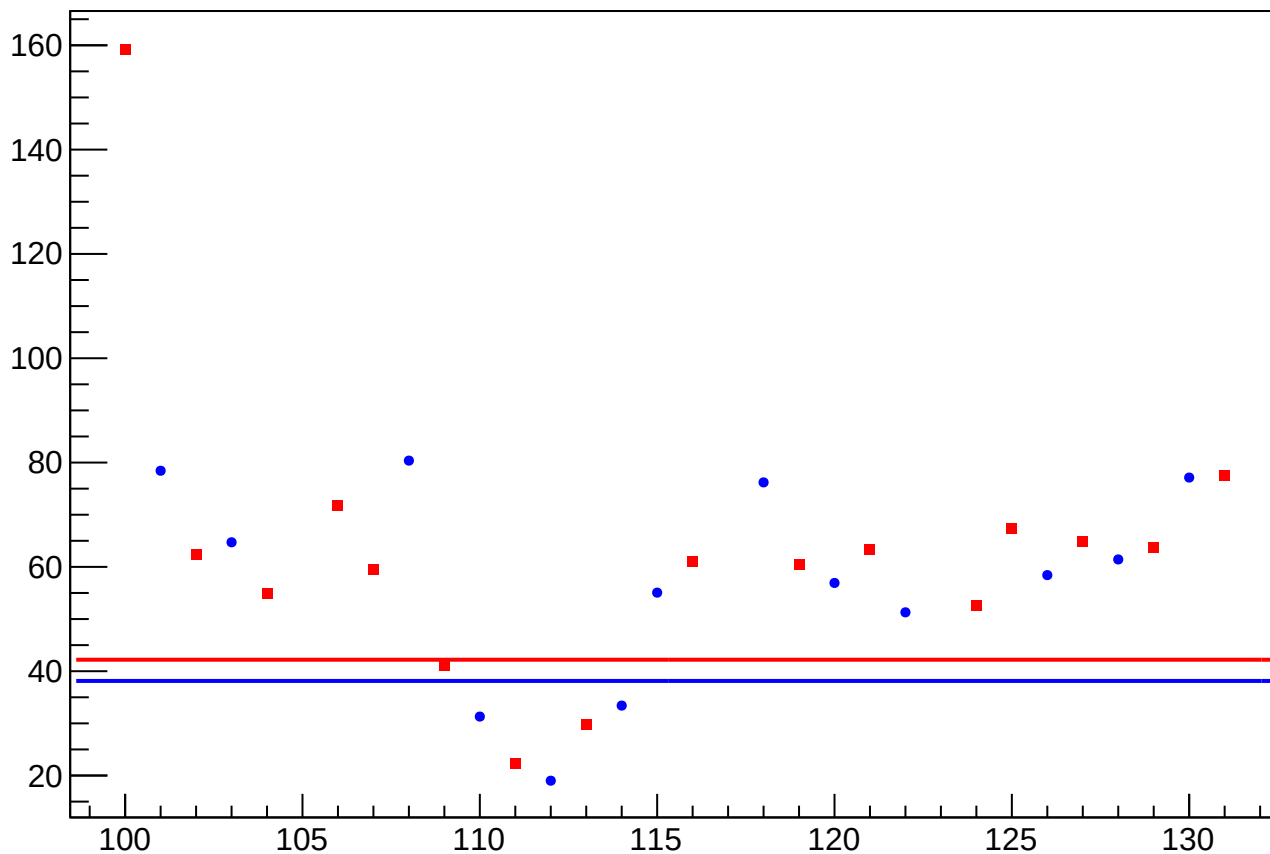
Right: 0.029+/-0.014 χ^2/NDF : 36.5/28

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/28

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.201+/-0.013 χ^2/NDF : 1901099.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

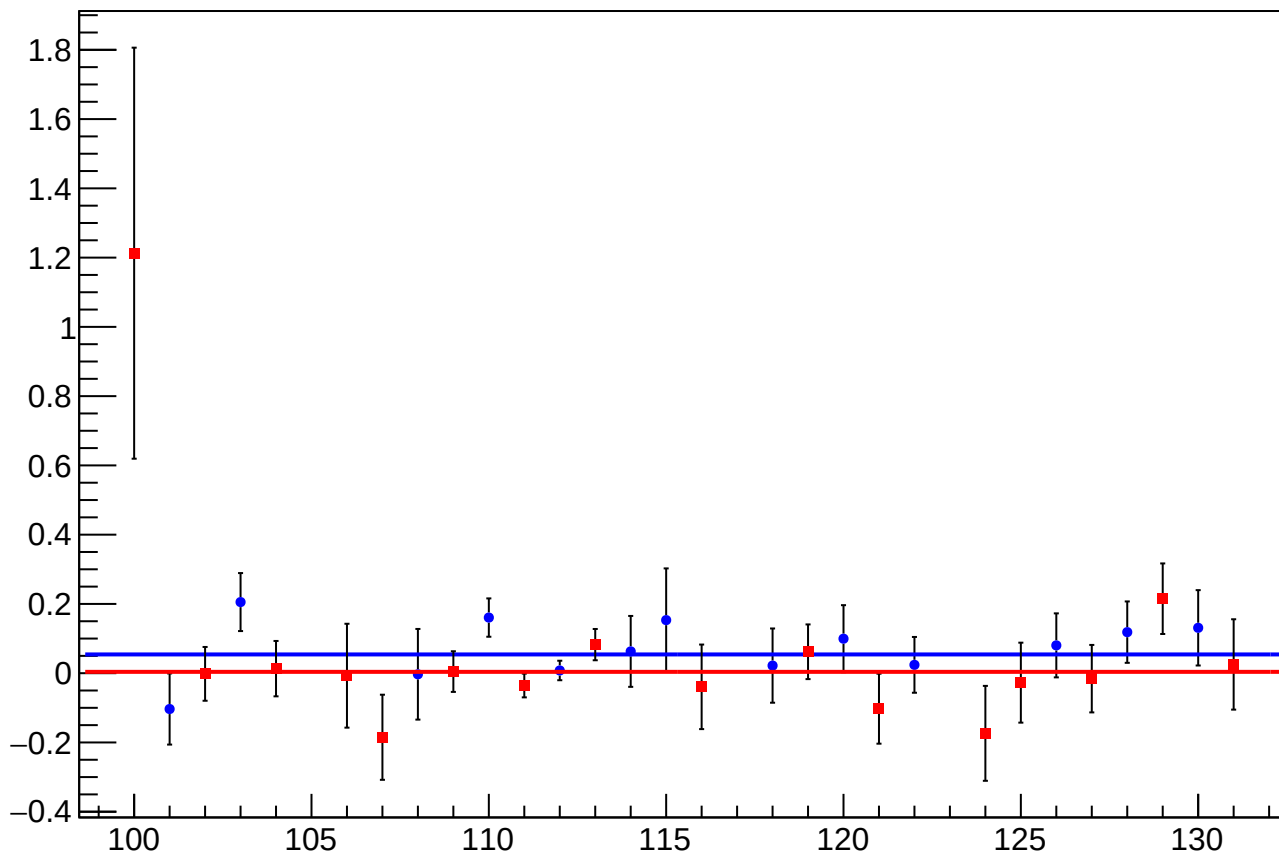
Right: 40.197+/-0.010 χ^2/NDF : 4519764.3/28

In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.197+/-0.010 χ^2/NDF : 4519764.3/28

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

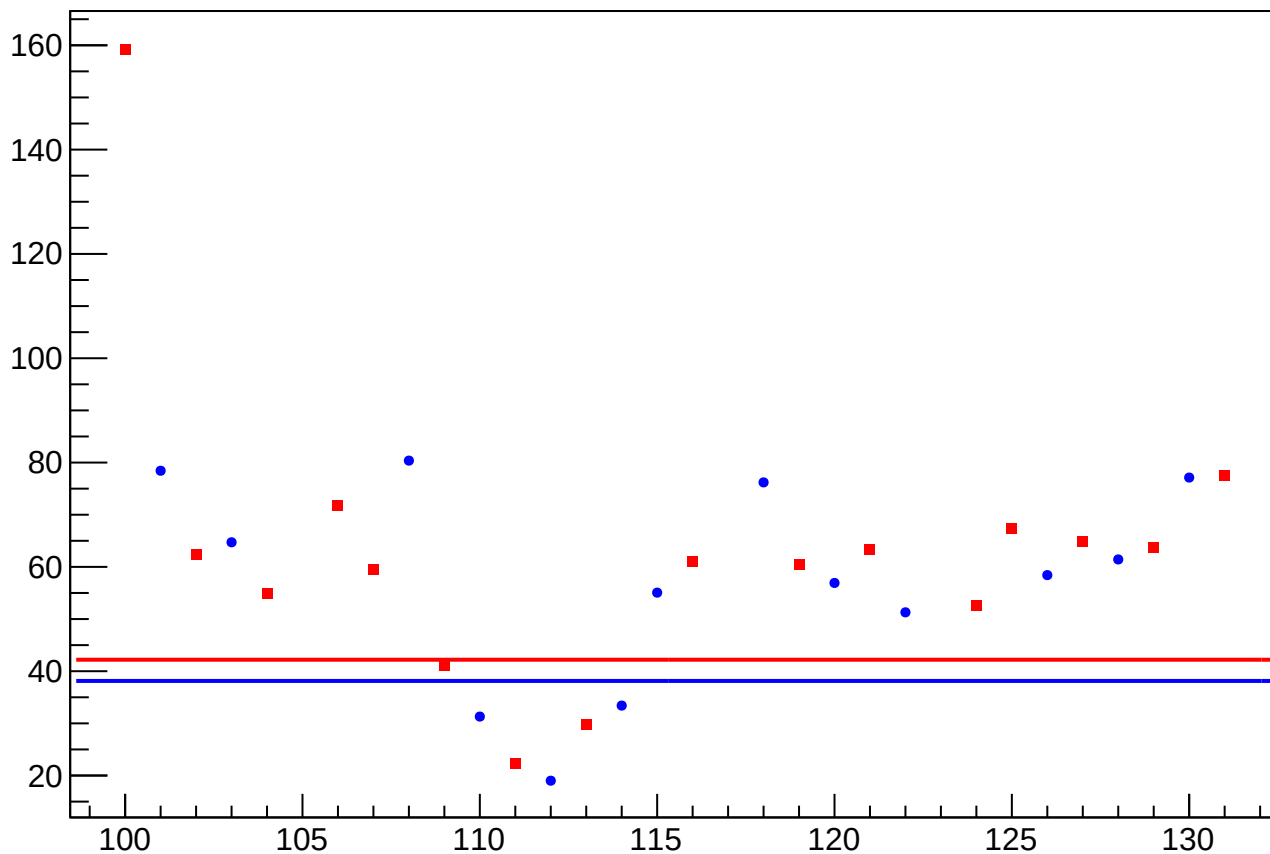
Right: 0.029+/-0.014 χ^2/NDF : 36.5/28

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/28

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.201+/-0.013 χ^2/NDF : 1901099.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

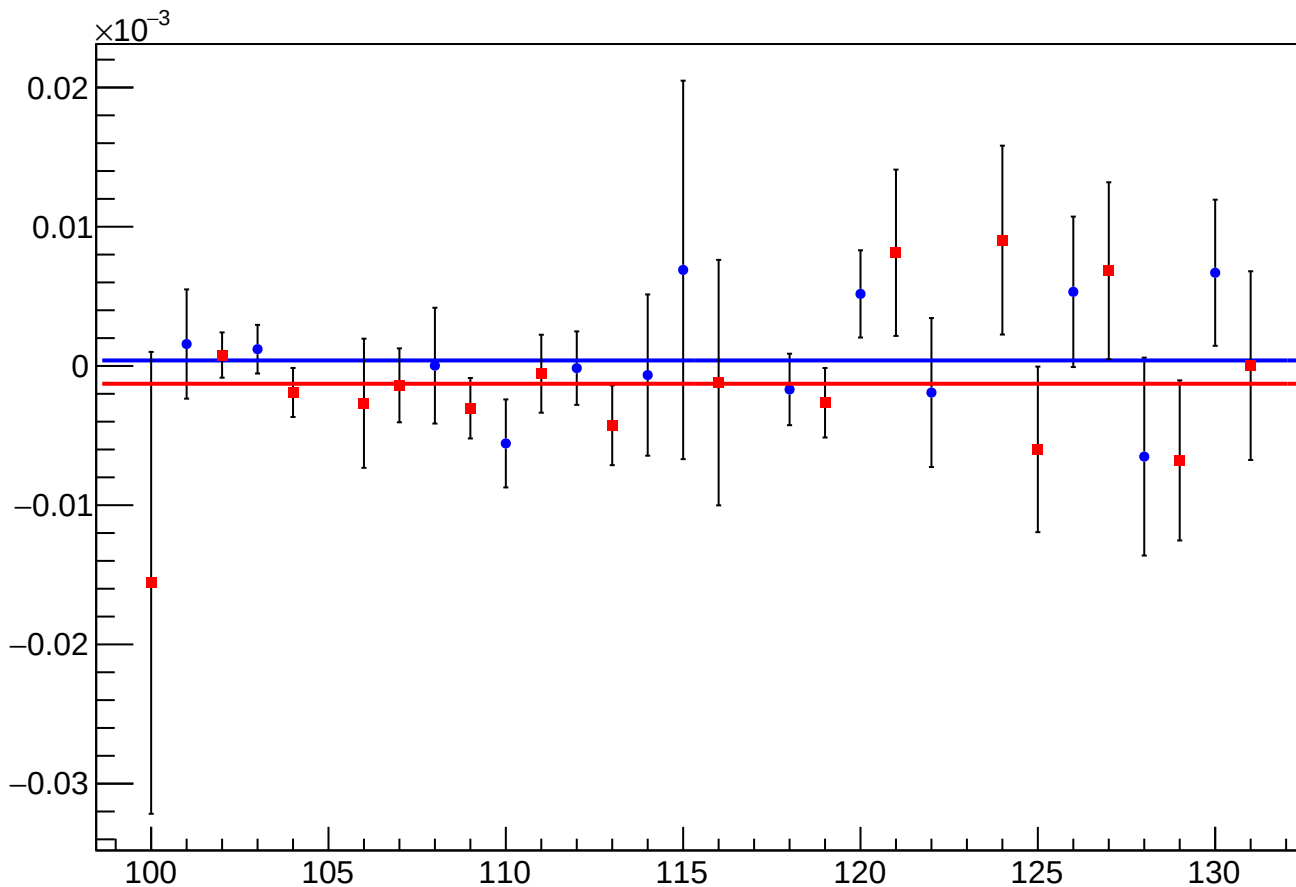
Right: 40.197+/-0.010 χ^2/NDF : 4519764.3/28

In: 38.135+/-0.014 χ^2/NDF :2573349.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.197+/-0.010 χ^2/NDF : 4519764.3/28

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

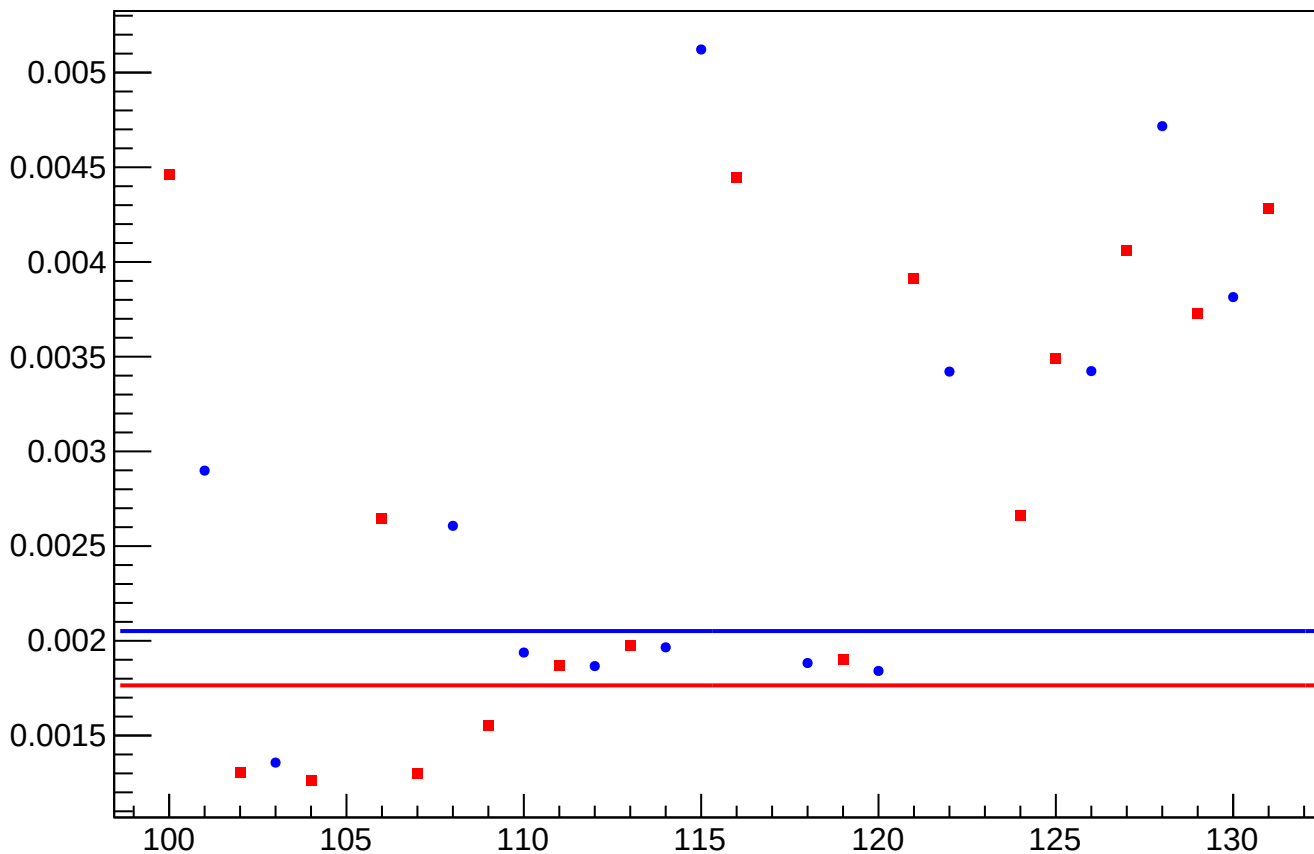
Right: -0.000+/-0.000 χ^2/NDF : 25.1/28

In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/28

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 1345454.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 1965305.2/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 3420708.8/28

In: 0.002+/-0.000

χ^2/NDF : 1345454.1/12

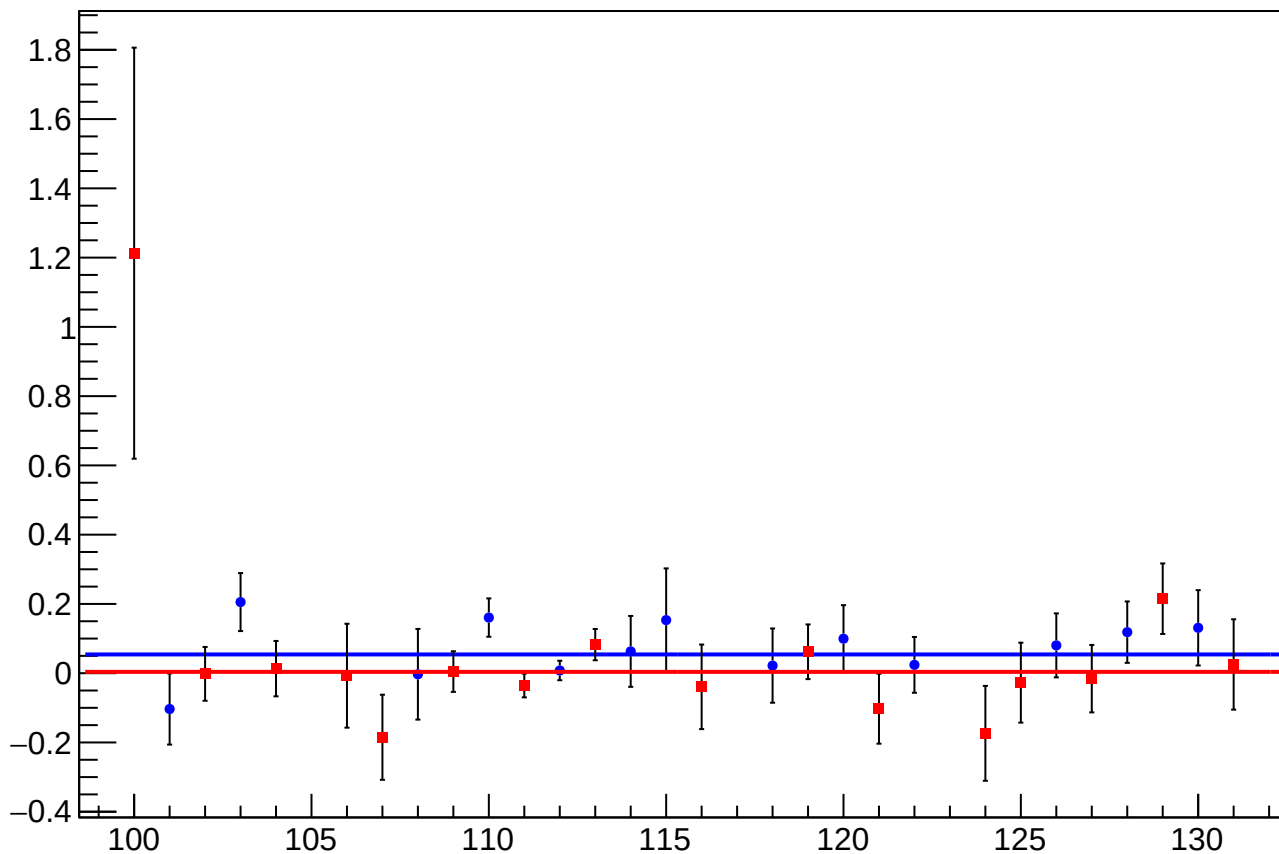
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 3420708.8/28

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

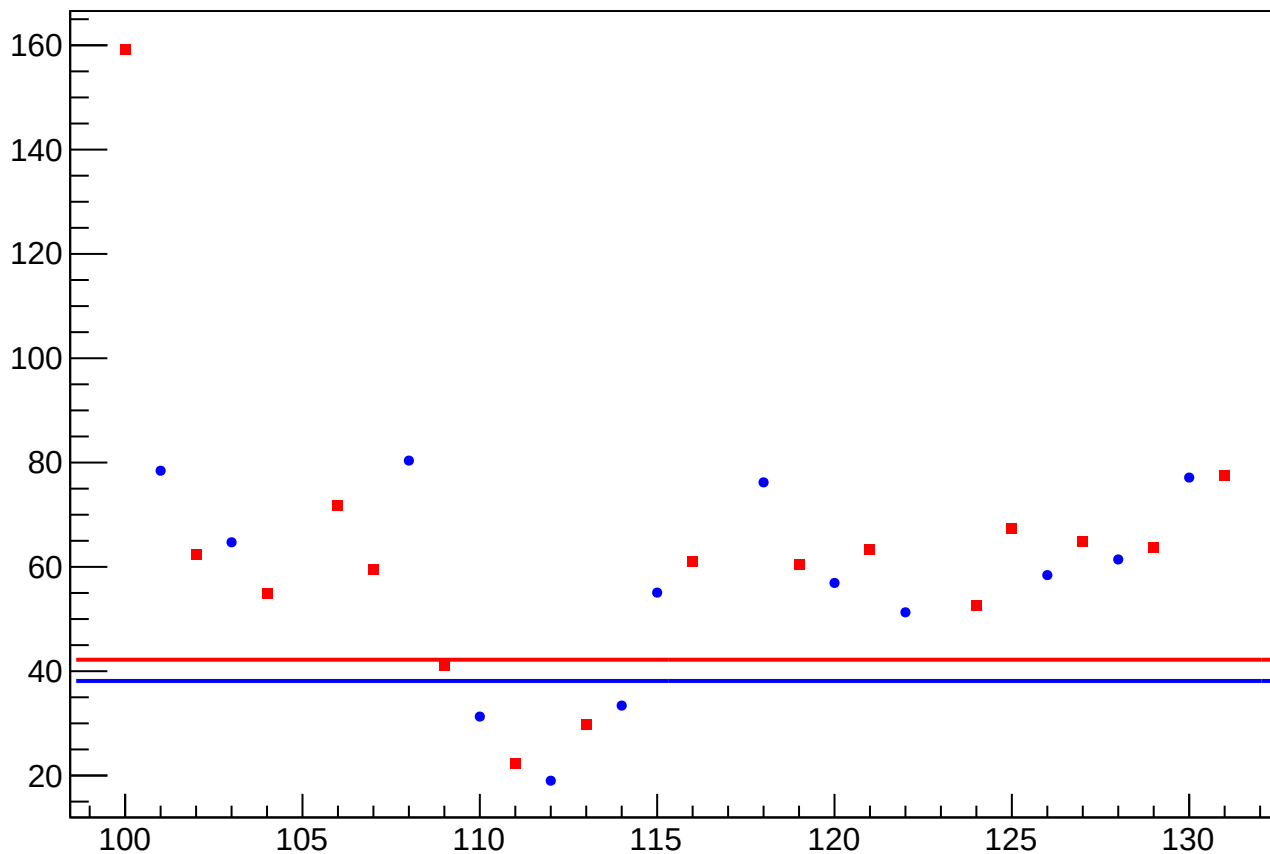
Right: 0.029+/-0.014 χ^2/NDF : 36.5/28

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/28

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.200+/-0.013 χ^2/NDF : 1901236.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

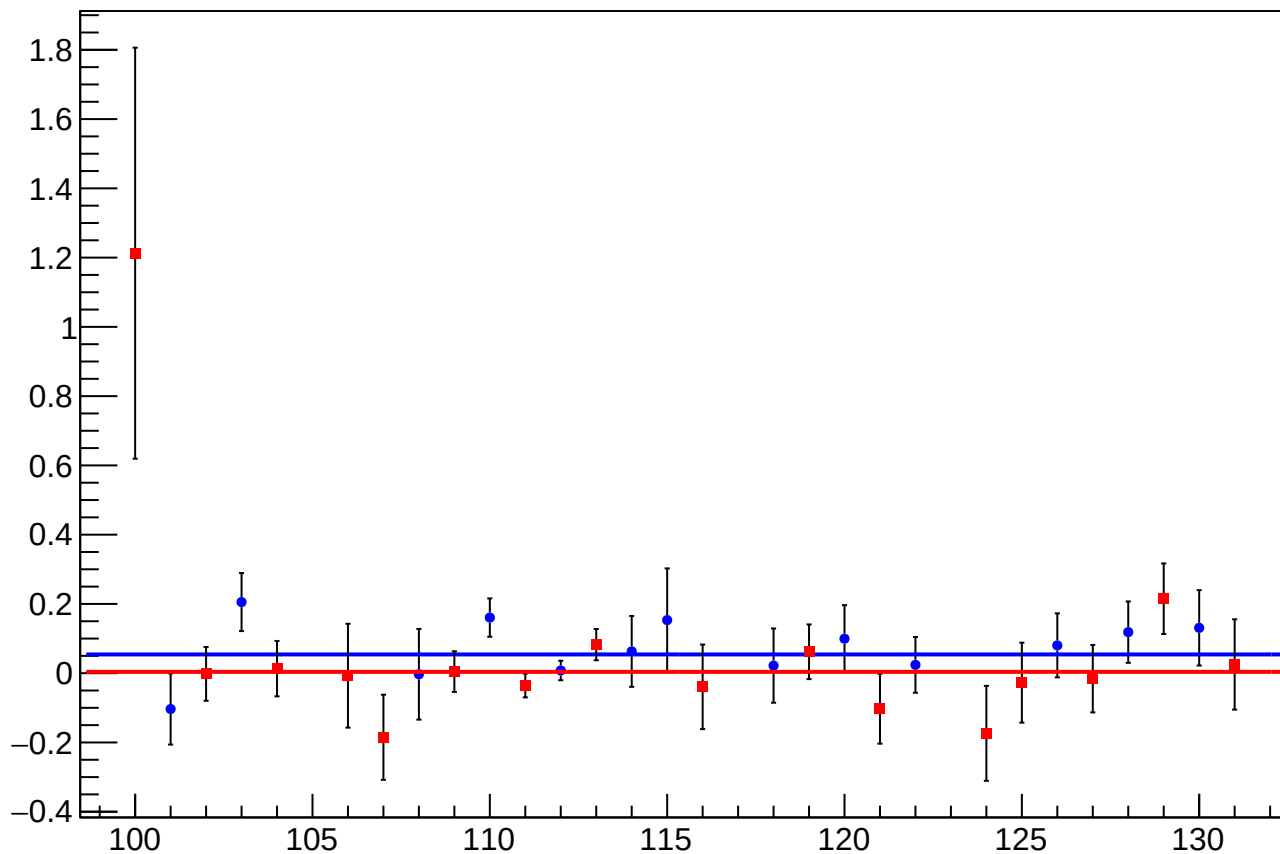
Right: 40.196+/-0.010 χ^2/NDF : 4520035.1/28

In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.196+/-0.010 χ^2/NDF : 4520035.1/28

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

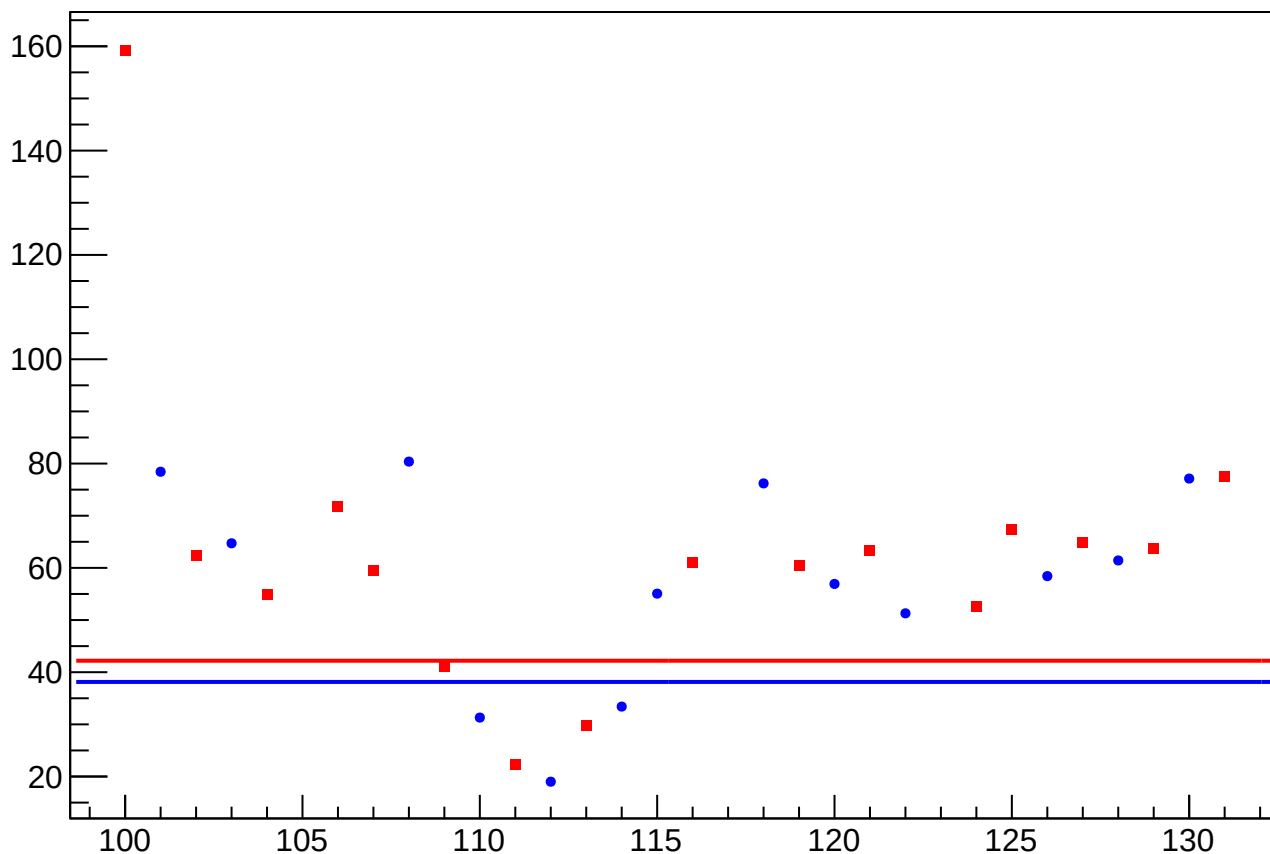
Right: 0.029+/-0.014 χ^2/NDF : 36.5/28

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/28

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.200+/-0.013 χ^2/NDF : 1901236.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

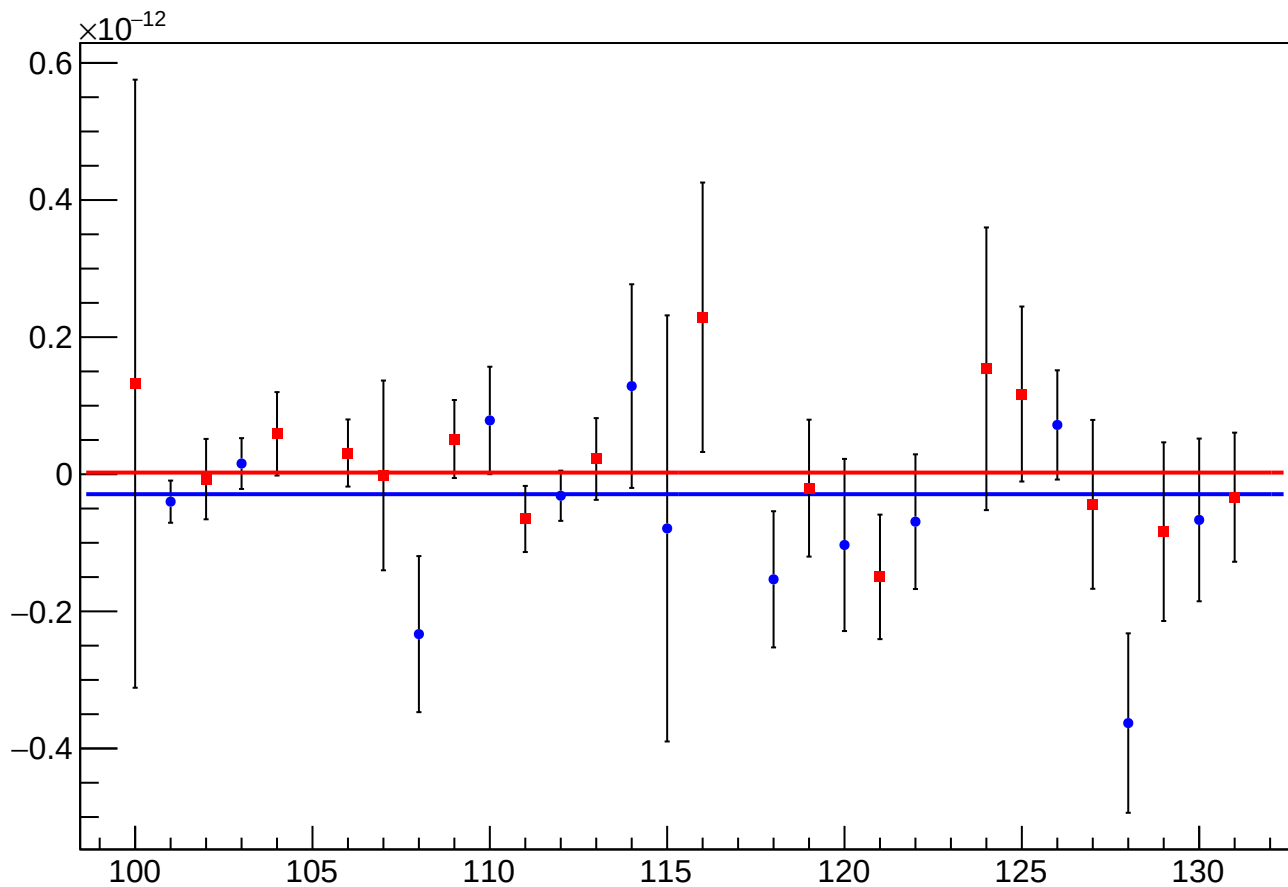
Right: 40.196+/-0.010 χ^2/NDF : 4520035.1/28

In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.196+/-0.010 χ^2/NDF : 4520035.1/28

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

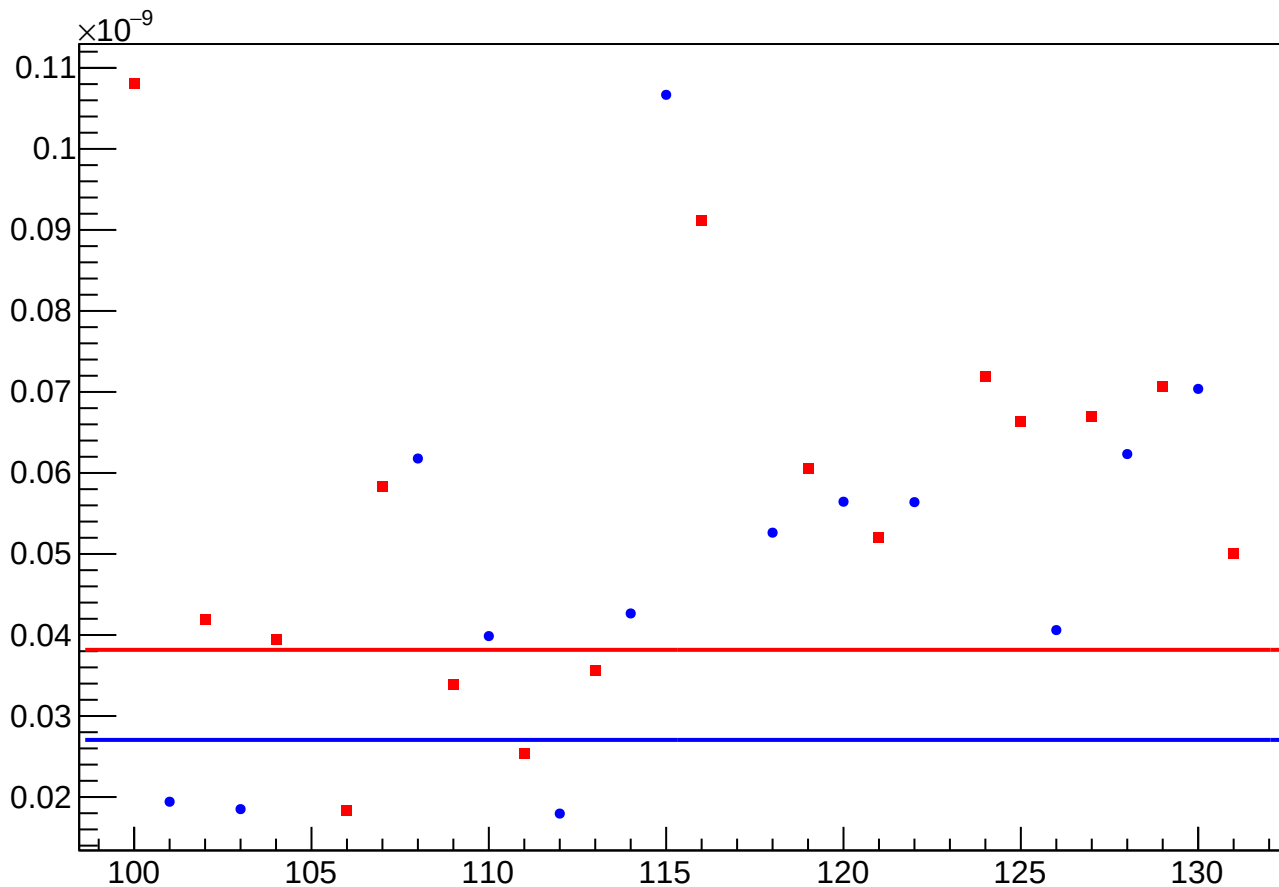
Right: -0.000+/-0.000 χ^2/NDF : 30.0/28

In: -0.000+/-0.000 χ^2/NDF : 18.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.0/28

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1636483.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1295801.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

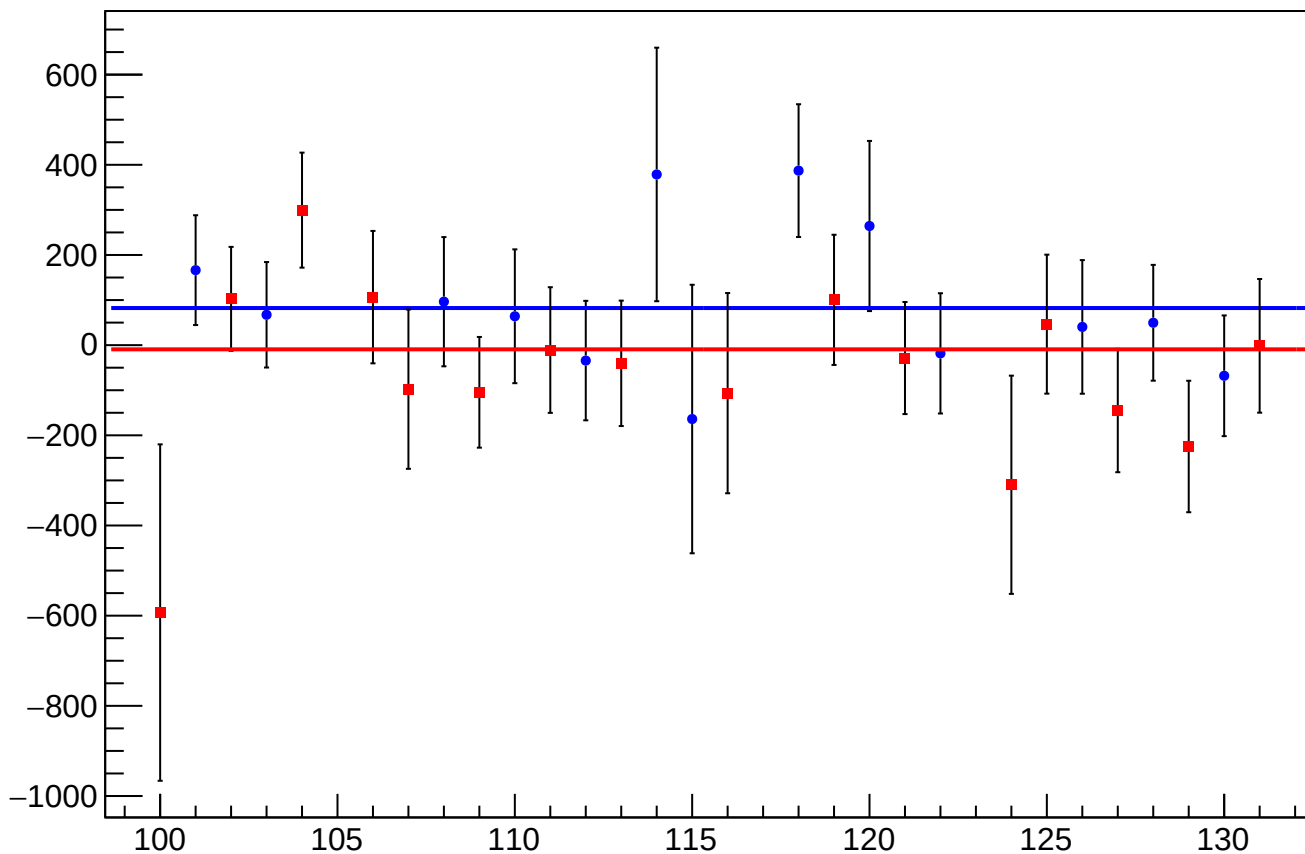
Right: 0.000+/-0.000 χ^2/NDF : 3297585.9/28

In: 0.000+/-0.000 χ^2/NDF : 1636483.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3297585.9/28

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 82.318 $\pm$ 40.561 χ^2 /NDF: 10.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.287 $\pm$ 37.010 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

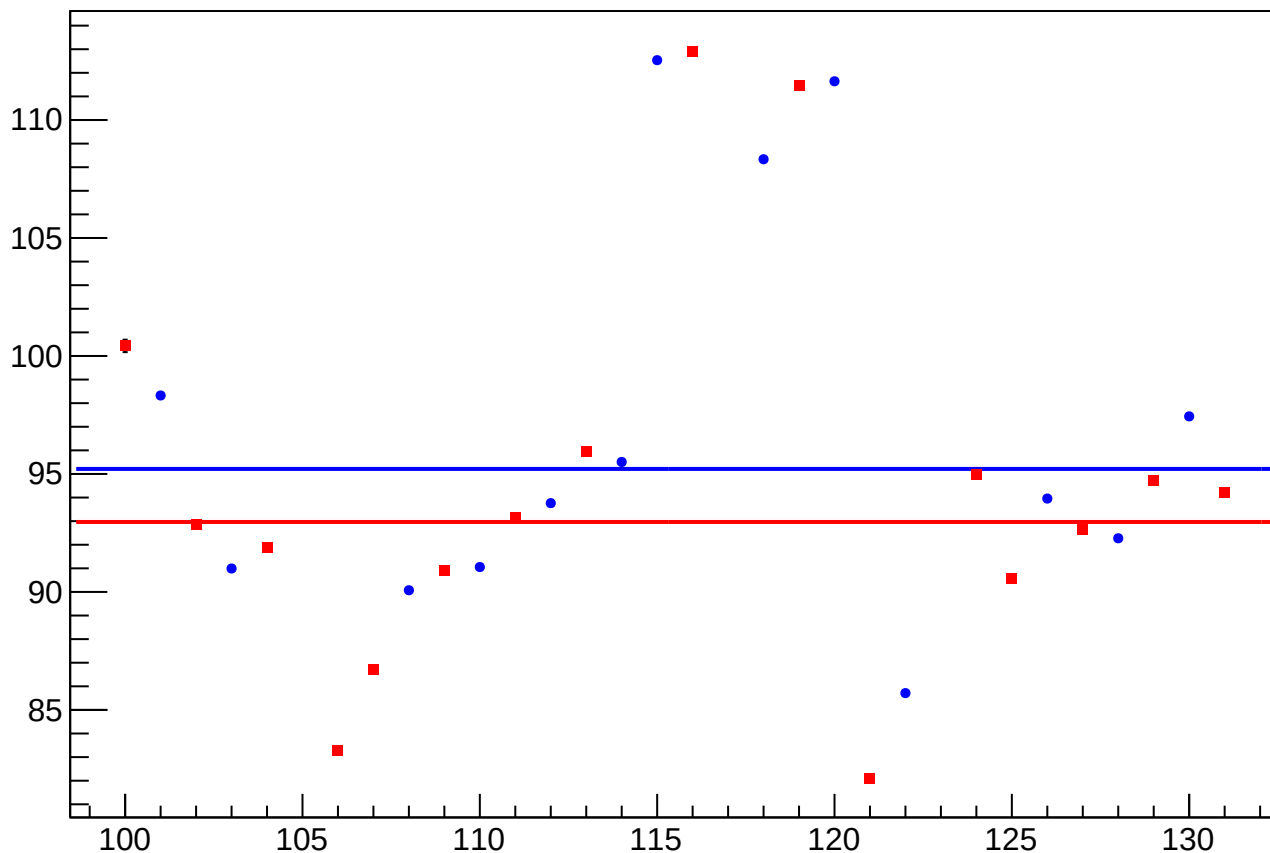
Right: 32.331 $\pm$ 27.339 χ^2 /NDF: 29.5/28

In: 82.318 $\pm$ 40.561 χ^2 /NDF:10.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.331 $\pm$ 27.339 χ^2 /NDF: 29.5/28

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.965+/-0.026 χ^2/NDF : 79011.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

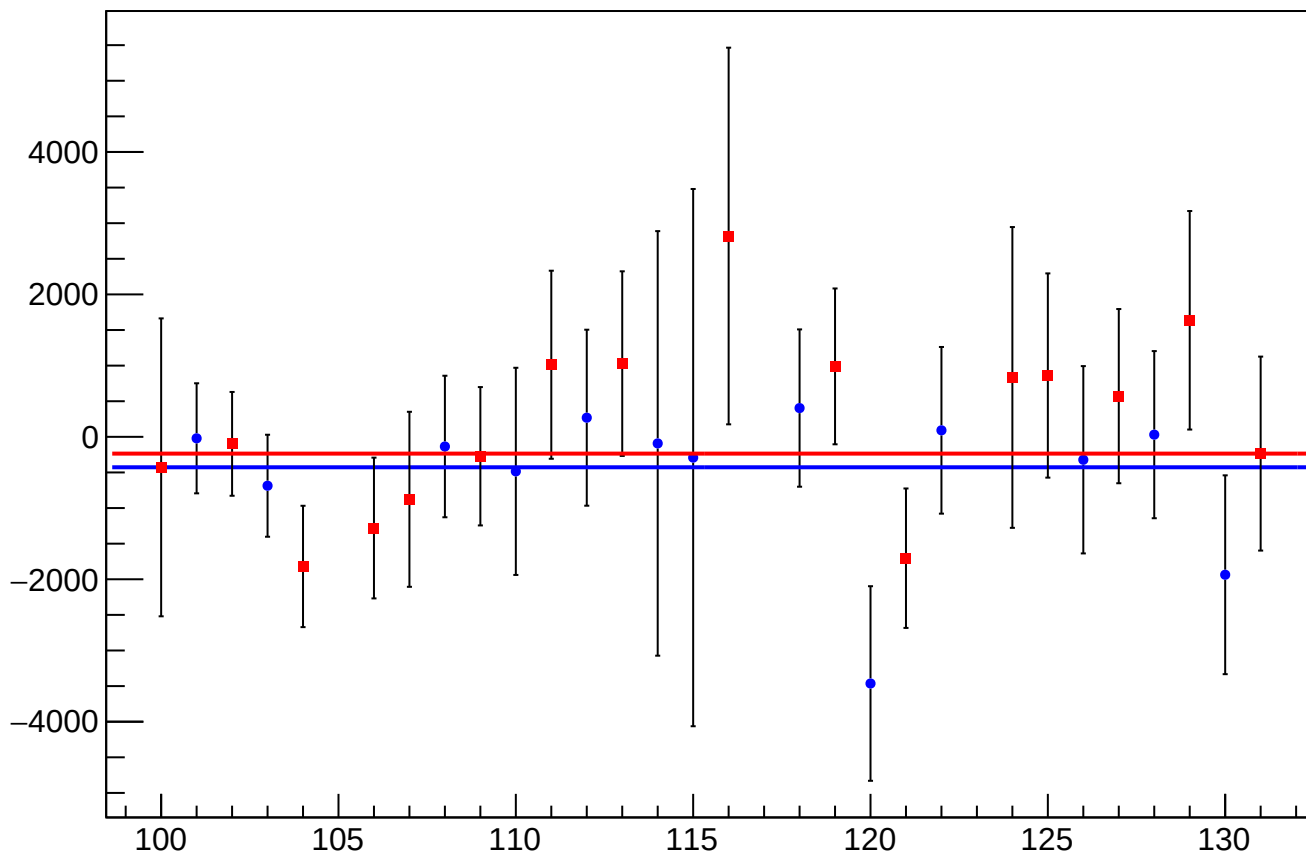
Right: 93.986+/-0.019 χ^2/NDF : 140366.3/28

In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.986+/-0.019 χ^2/NDF : 140366.3/28

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -427.400+/-318.615 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.515+/-291.497 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

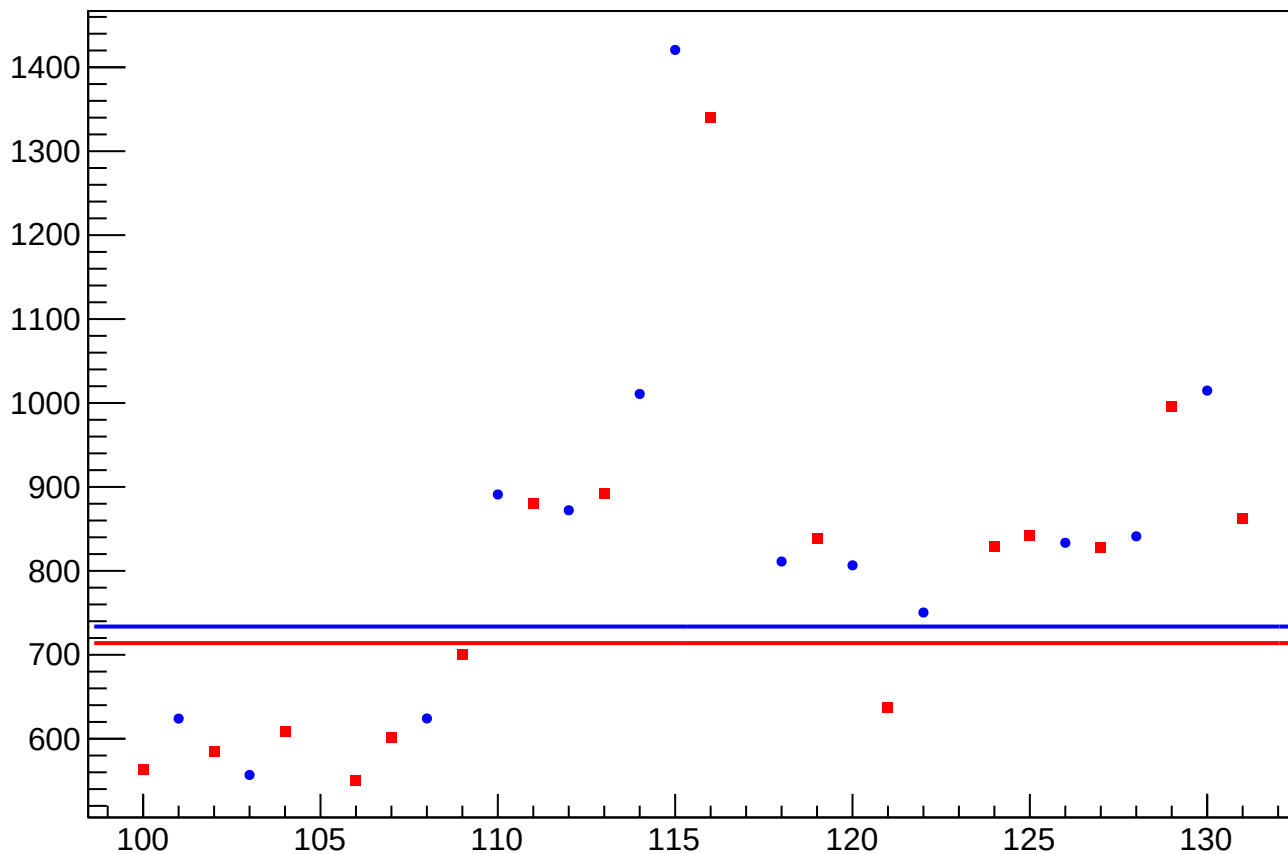
Right: -322.946+/-215.069 χ^2/NDF : 22.4/28

In: -427.400+/-318.615 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.946+/-215.069 χ^2/NDF : 22.4/28

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 733.675+/-0.225 χ^2/NDF : 444016.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.933+/-0.206 χ^2/NDF : 525018.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

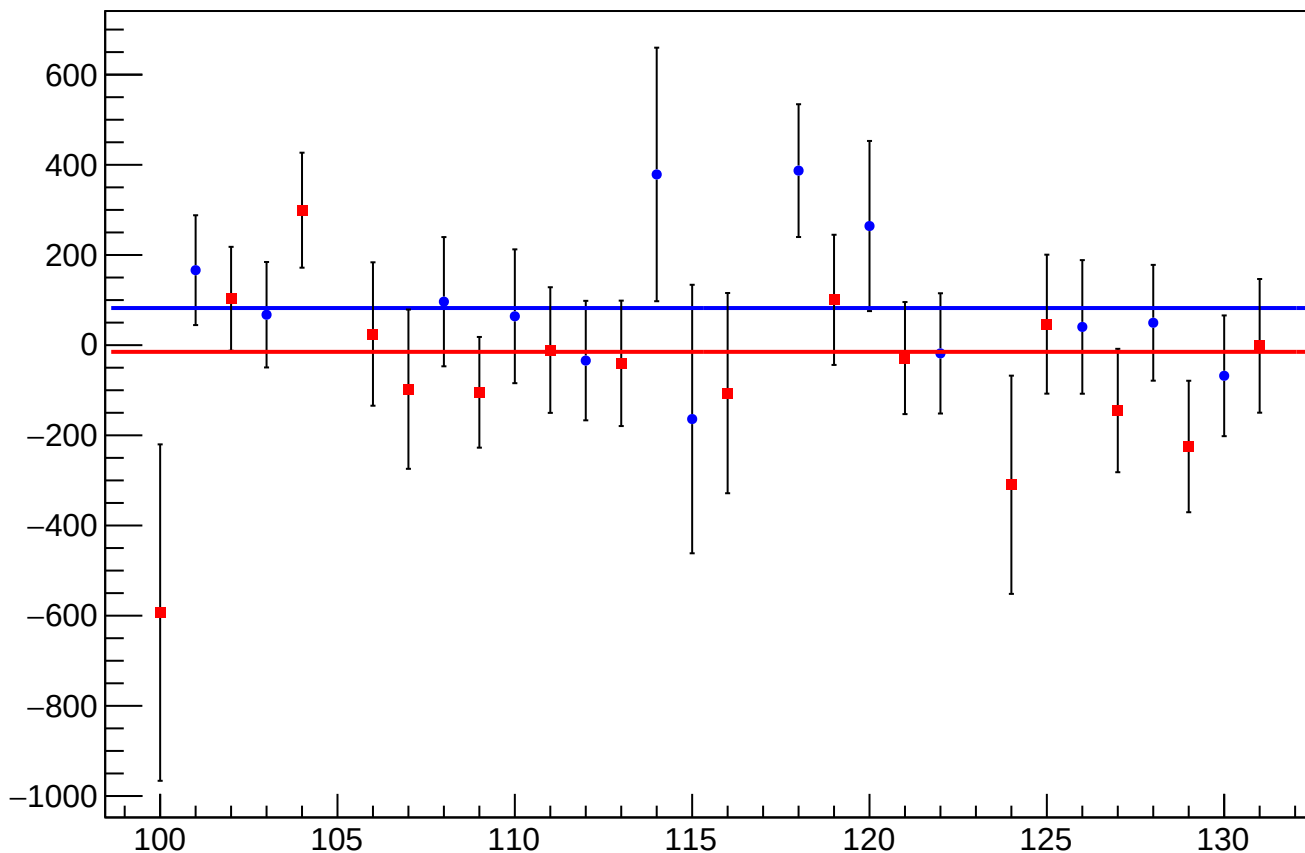
Right: 722.928+/-0.152 χ^2/NDF : 973214.6/28

In: 733.675+/-0.225 χ^2/NDF : 444016.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.928+/-0.152 χ^2/NDF : 973214.6/28

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.843+/-37.185 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

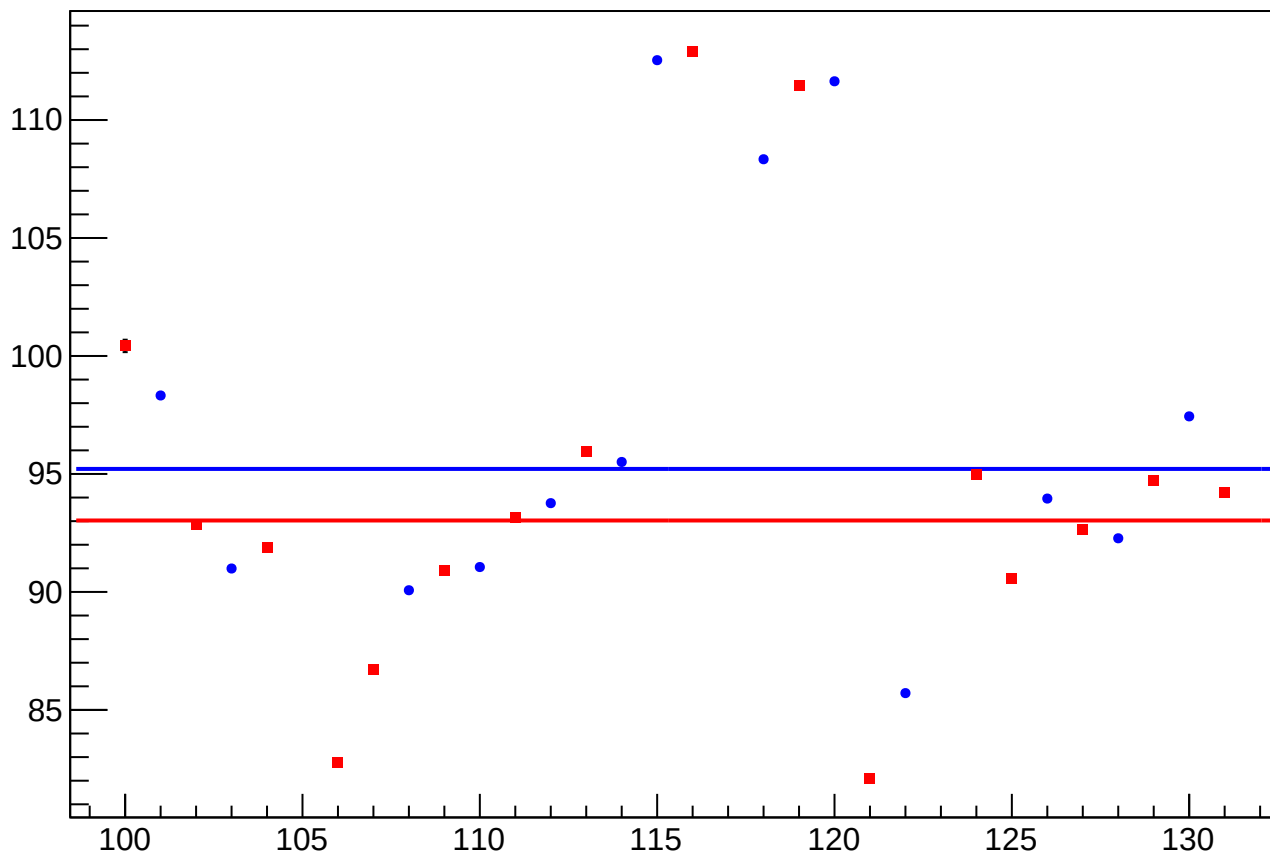
Right: 29.538+/-27.410 χ^2/NDF : 29.2/28

In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.538+/-27.410 χ^2/NDF : 29.2/28

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.028+/-0.026 χ^2/NDF : 78563.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

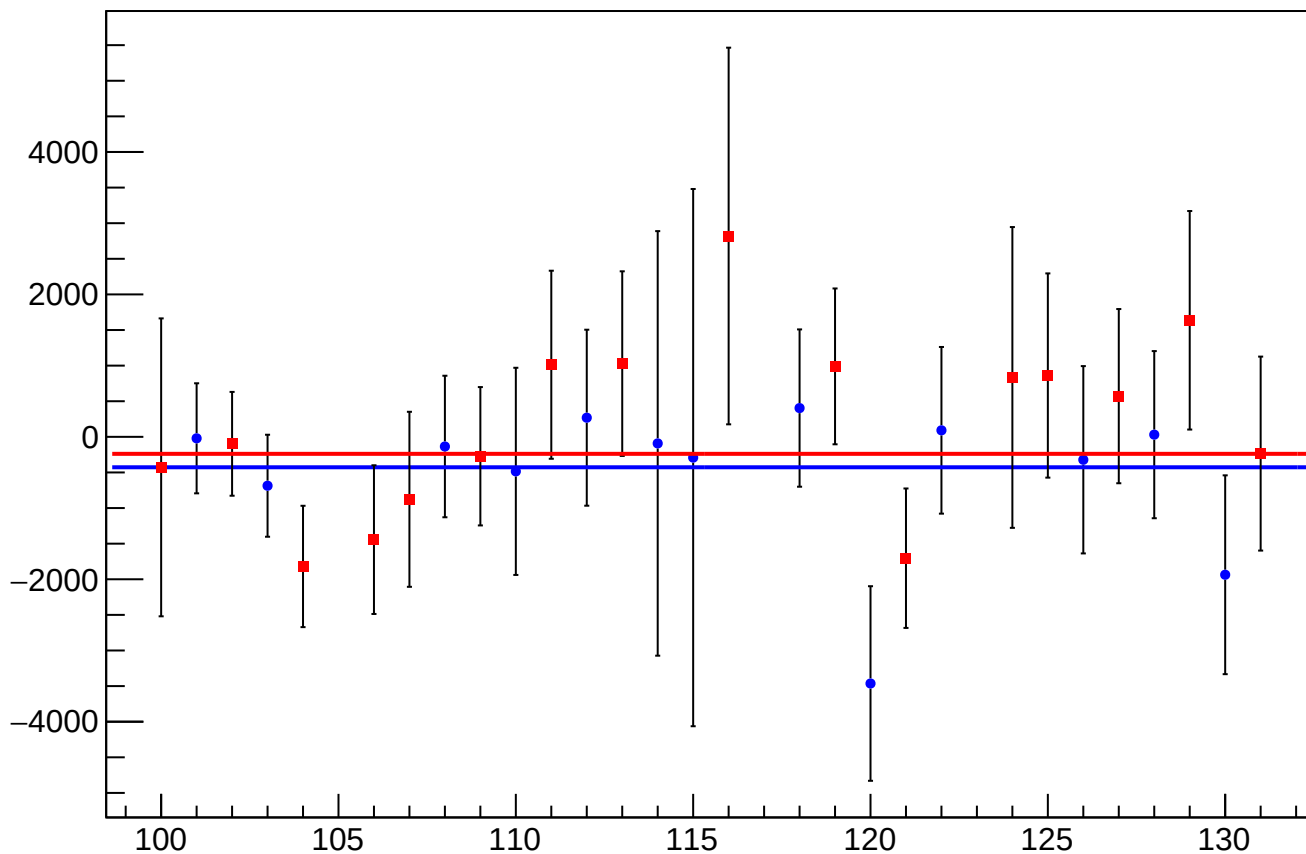
Right: 94.026+/-0.019 χ^2/NDF : 139720.3/28

In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.026+/-0.019 χ^2/NDF : 139720.3/28

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.688+/-292.830 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

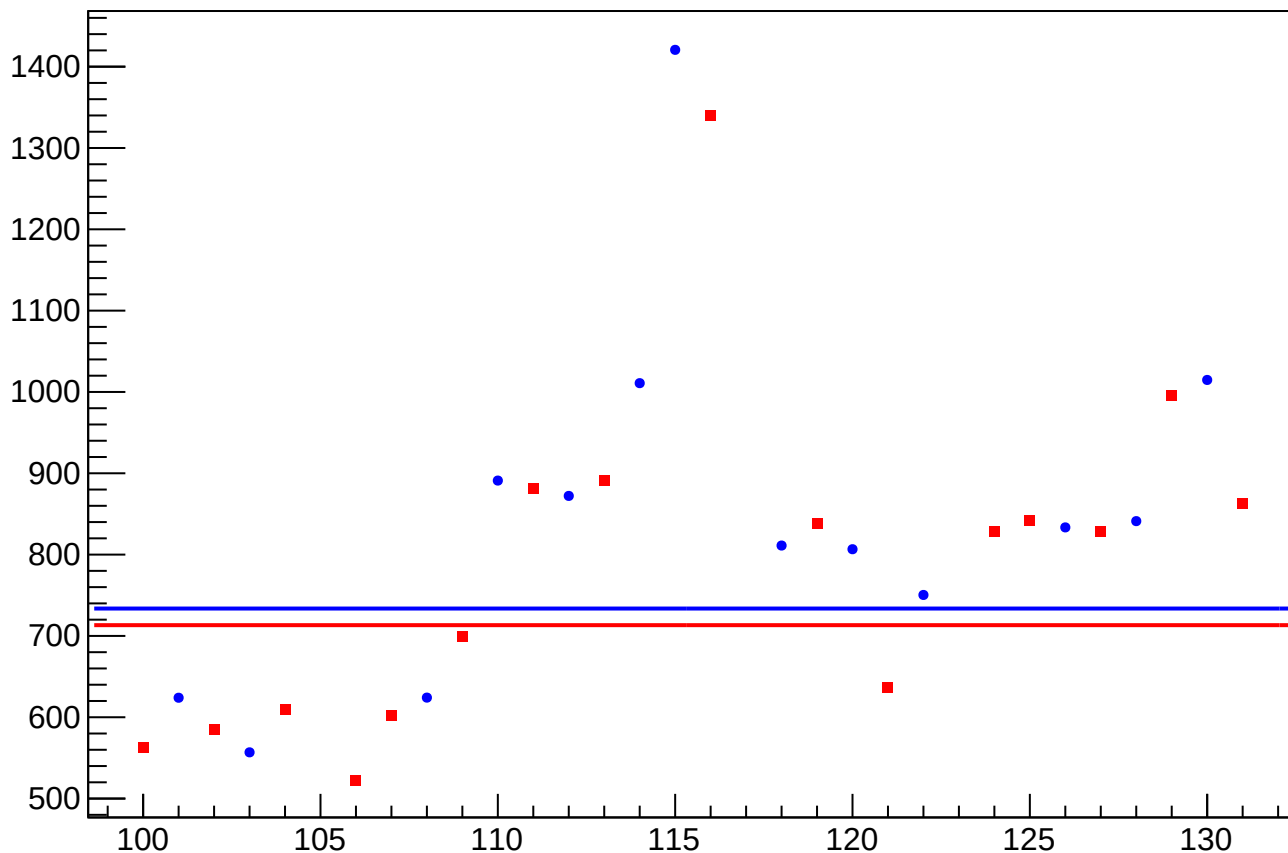
Right: -325.097+/-215.602 χ^2/NDF : 22.6/28

In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.097+/-215.602 χ^2/NDF : 22.6/28

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 713.234+/-0.207 χ^2/NDF : 537482.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

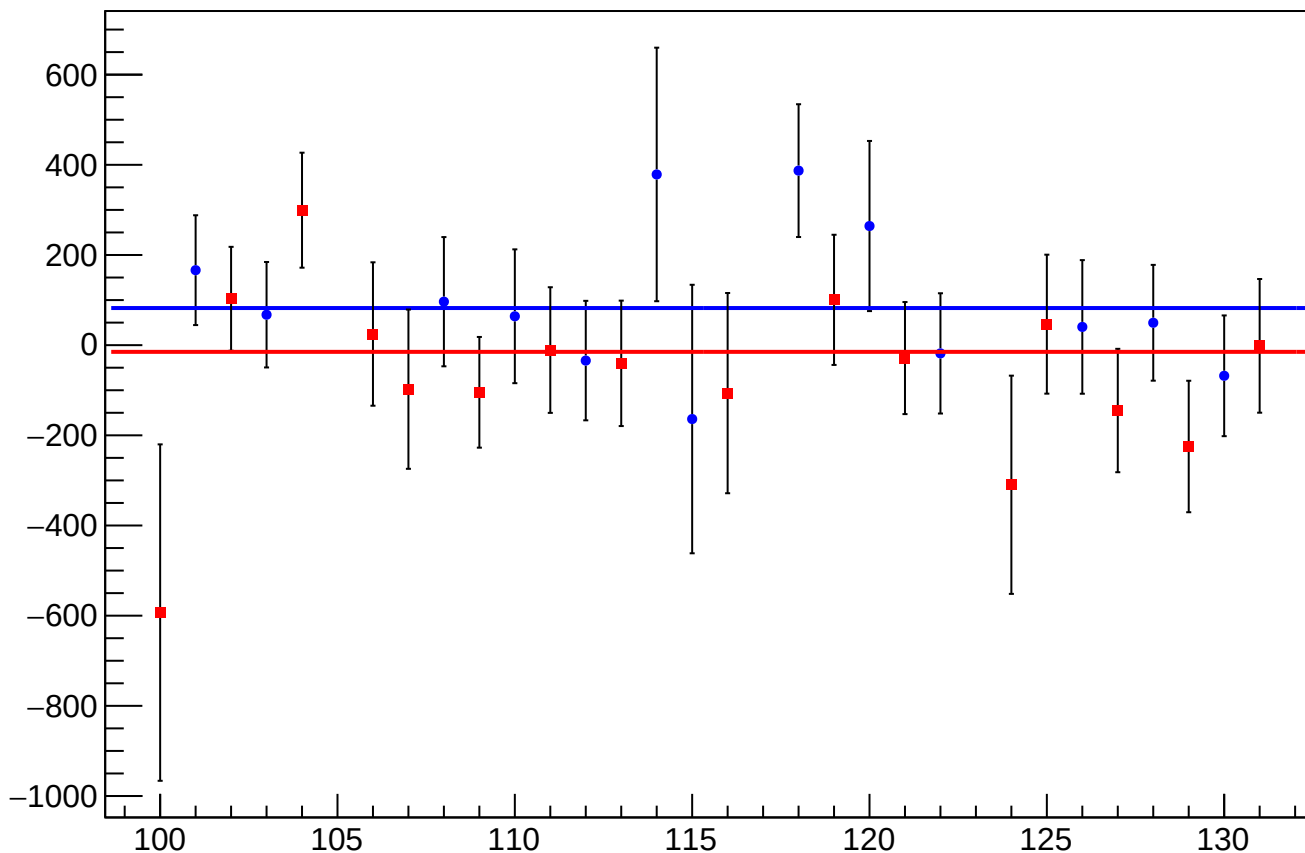
Right: 722.594+/-0.152 χ^2/NDF : 985965.6/28

In: 733.674+/-0.225 χ^2/NDF :444021.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 722.594+/-0.152 χ^2/NDF : 985965.6/28

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -14.843+/-37.185 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

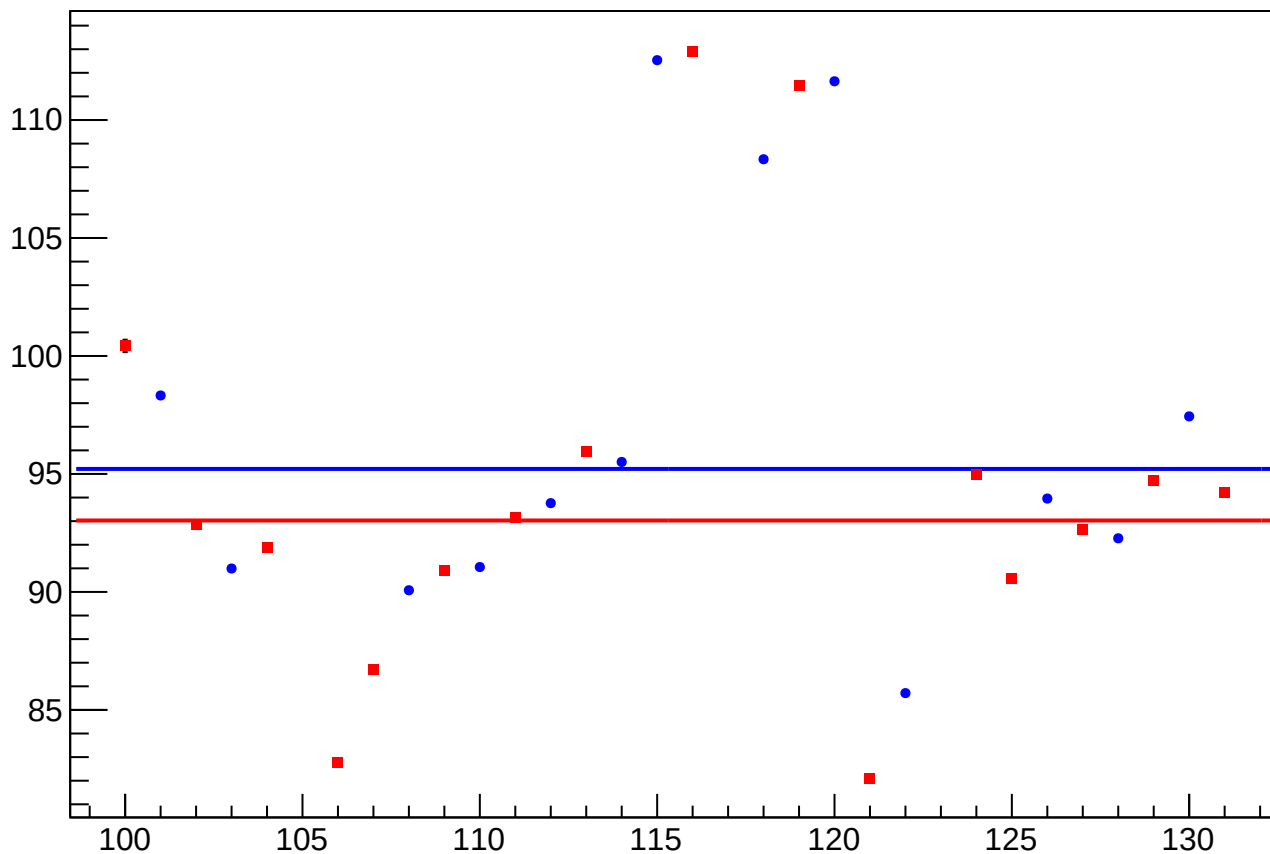
Right: 29.538+/-27.410 χ^2/NDF : 29.2/28

In: 82.344+/-40.561 χ^2/NDF :10.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.538+/-27.410 χ^2/NDF : 29.2/28

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.028+/-0.026 χ^2/NDF : 78563.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

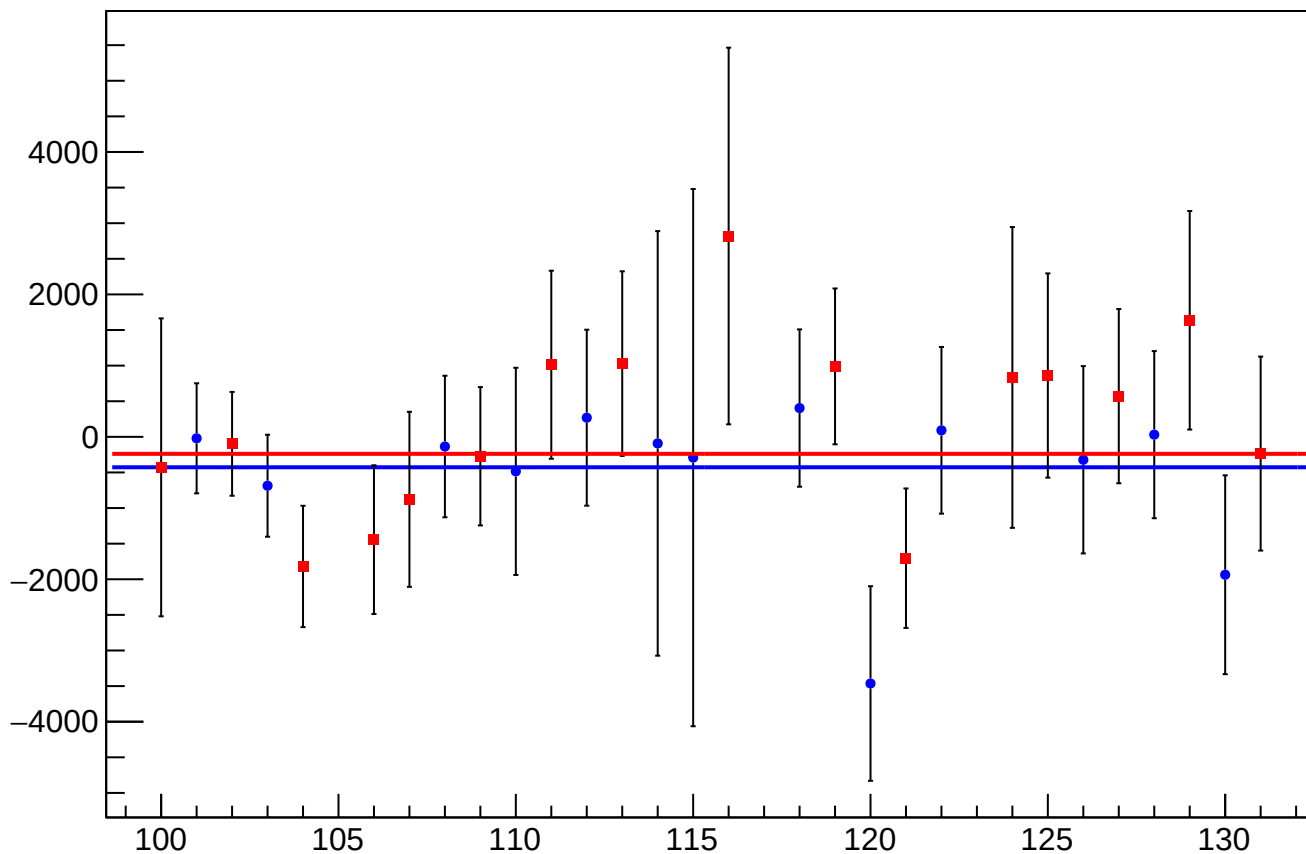
Right: 94.026+/-0.019 χ^2/NDF : 139720.3/28

In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.026+/-0.019 χ^2/NDF : 139720.3/28

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.688+/-292.830 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

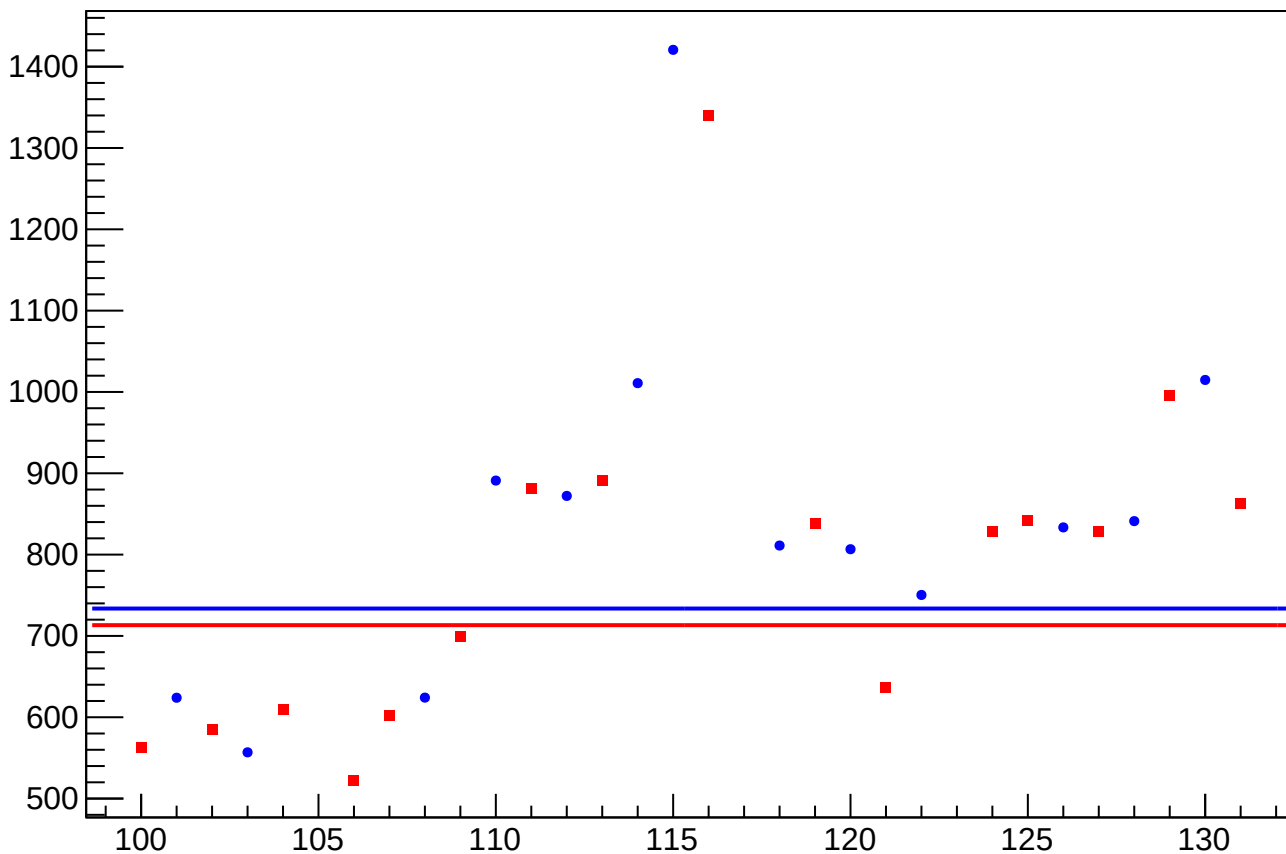
Right: -325.097+/-215.602 χ^2/NDF : 22.6/28

In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.097+/-215.602 χ^2/NDF : 22.6/28

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 713.234+/-0.207 χ^2/NDF : 537482.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

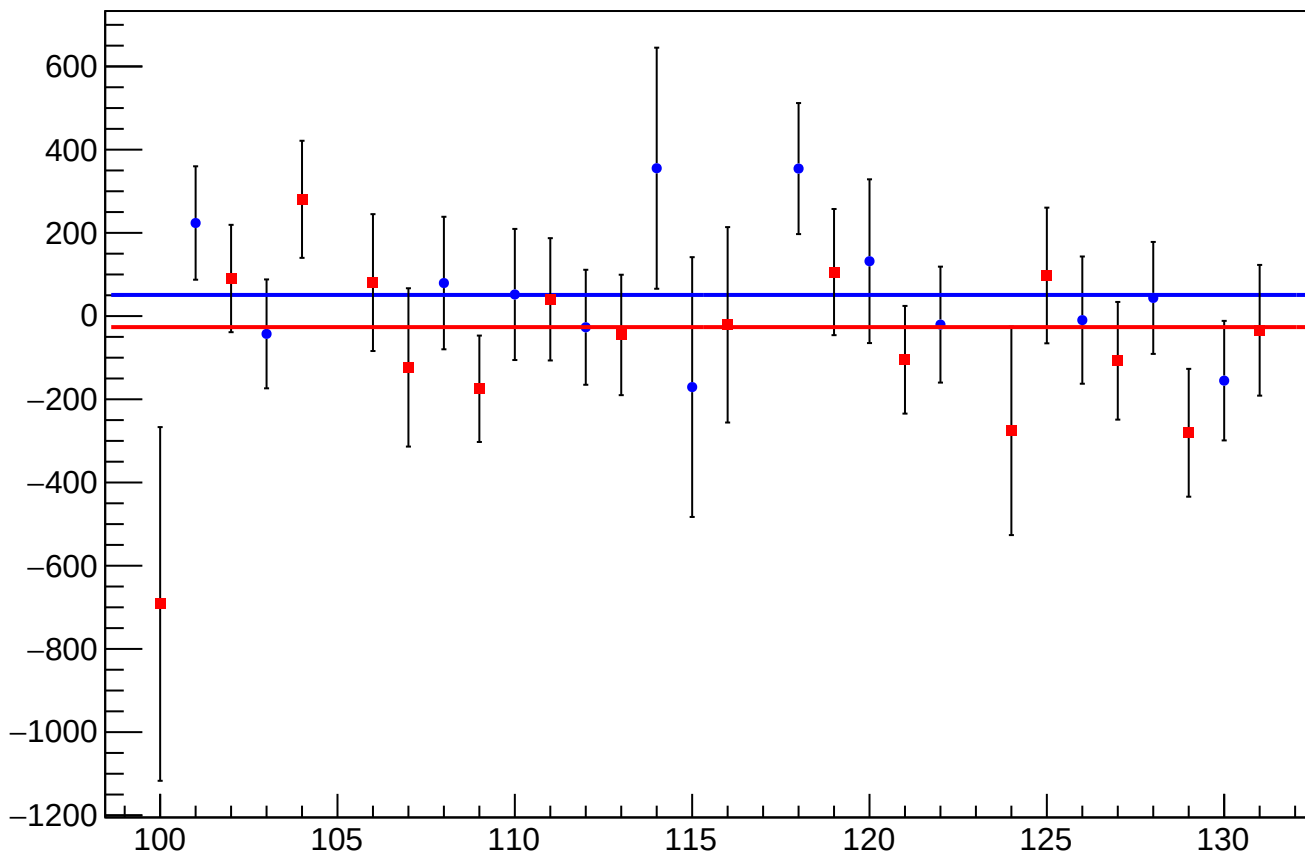
Right: 722.594+/-0.152 χ^2/NDF : 985965.6/28

In: 733.674+/-0.225 χ^2/NDF :444021.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 722.594+/-0.152 χ^2/NDF : 985965.6/28

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 50.824+/-43.415 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.503+/-39.415 χ^2/NDF : 16.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

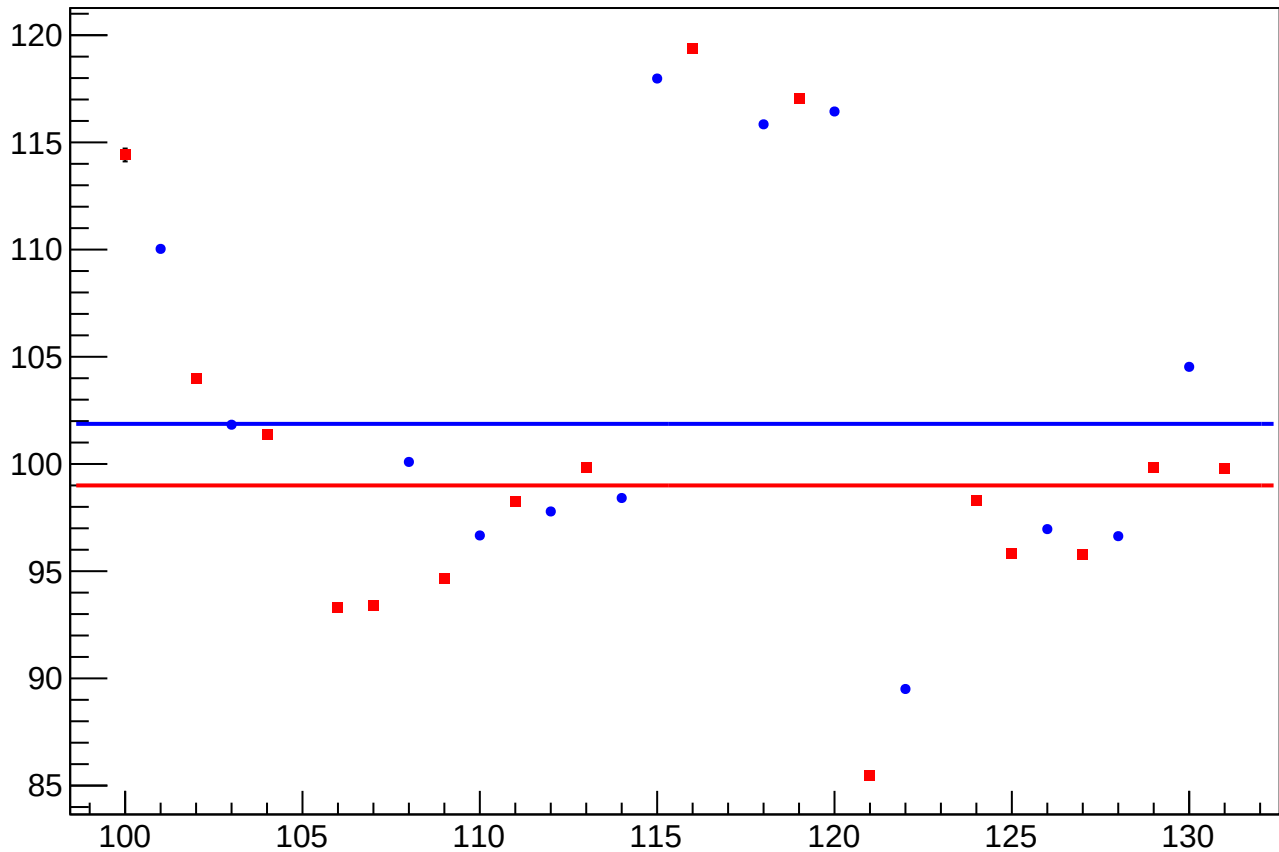
Right: 8.435+/-29.183 χ^2/NDF : 28.2/28

In: 50.824+/-43.415 χ^2/NDF :10.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.435+/-29.183 χ^2/NDF : 28.2/28

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.871 $\pm$ 0.031 χ^2 /NDF: 65188.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.000 $\pm$ 0.028 χ^2 /NDF: 80057.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

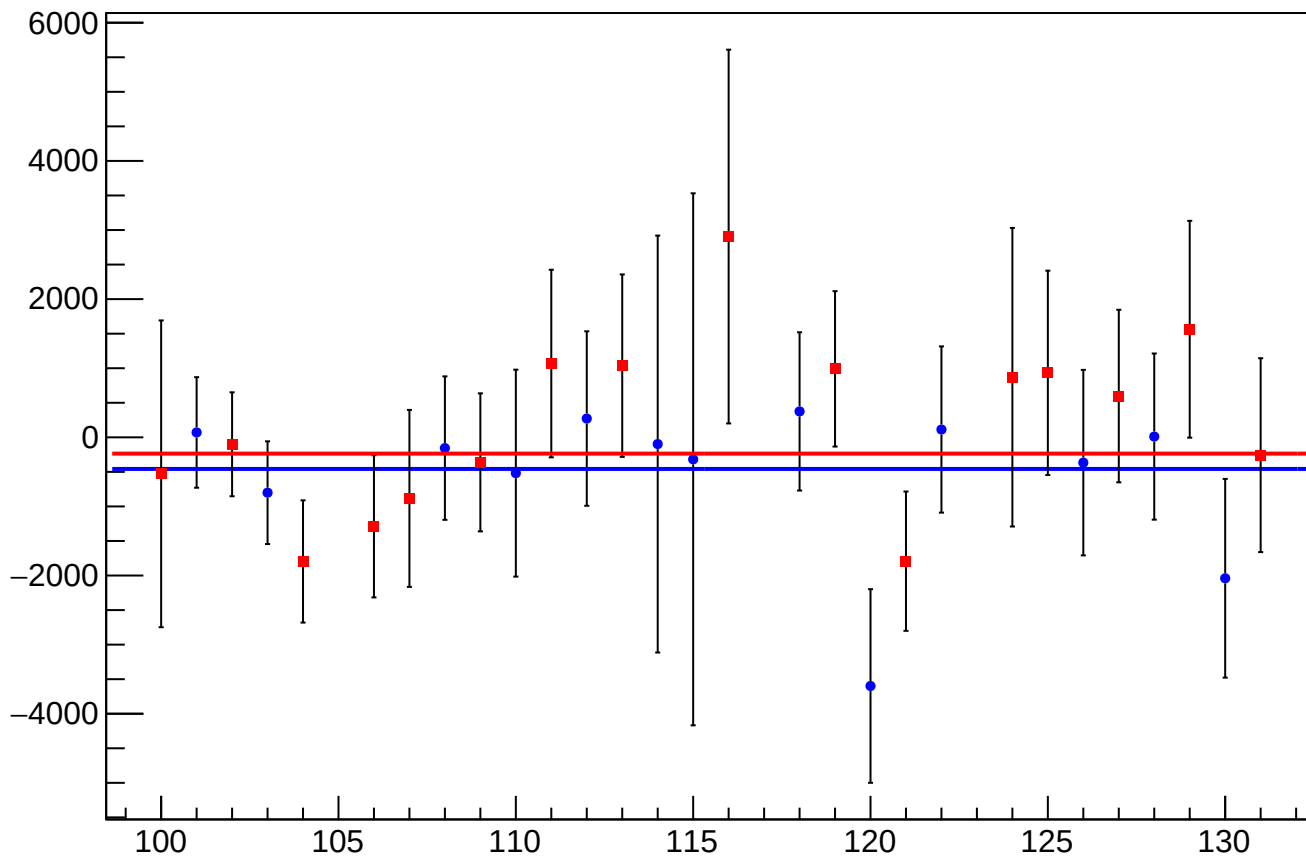
Right: 100.297 $\pm$ 0.021 χ^2 /NDF: 150042.4/28

In: 101.871 $\pm$ 0.031 χ^2 /NDF:65188.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.297 $\pm$ 0.021 χ^2 /NDF: 150042.4/28

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.744+/-300.673 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

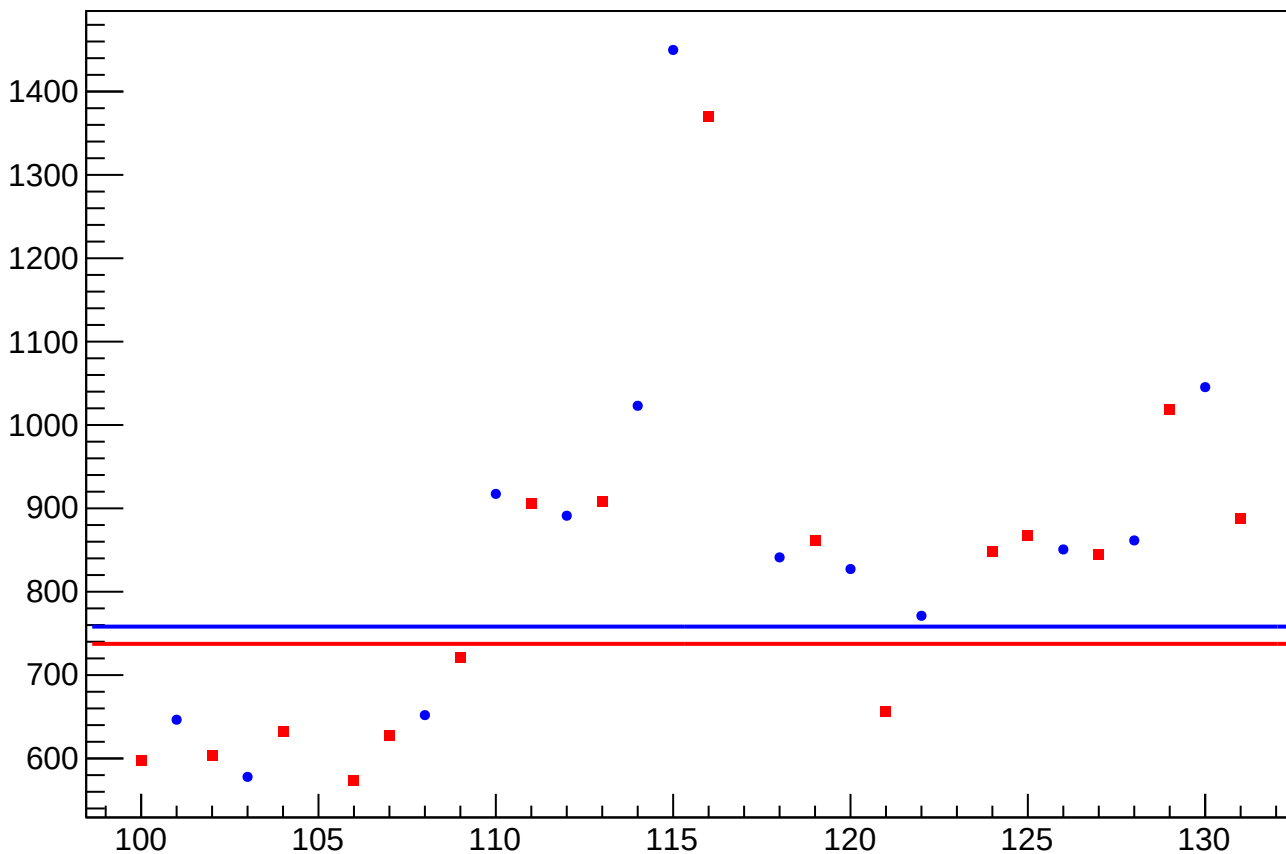
Right: -336.640+/-221.905 χ^2/NDF : 22.4/28

In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.640+/-221.905 χ^2/NDF : 22.4/28

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 758.161+/-0.233 χ^2/NDF : 422089.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.449+/-0.213 χ^2/NDF : 498775.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

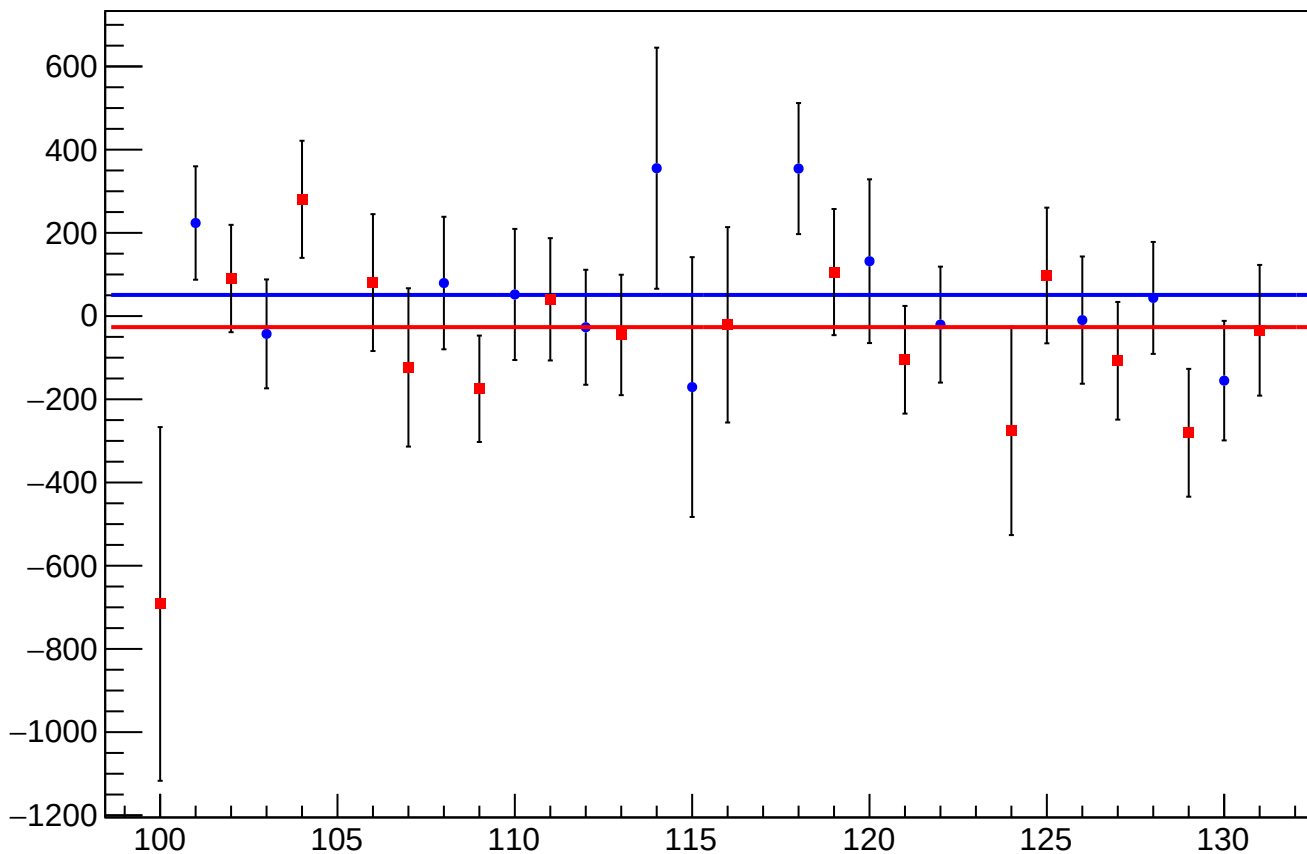
Right: 746.880+/-0.157 χ^2/NDF : 925185.7/28

In: 758.161+/-0.233 χ^2/NDF : 422089.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.880+/-0.157 χ^2/NDF : 925185.7/28

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 50.825 $\pm$ 43.415 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.505 $\pm$ 39.415 χ^2 /NDF: 16.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

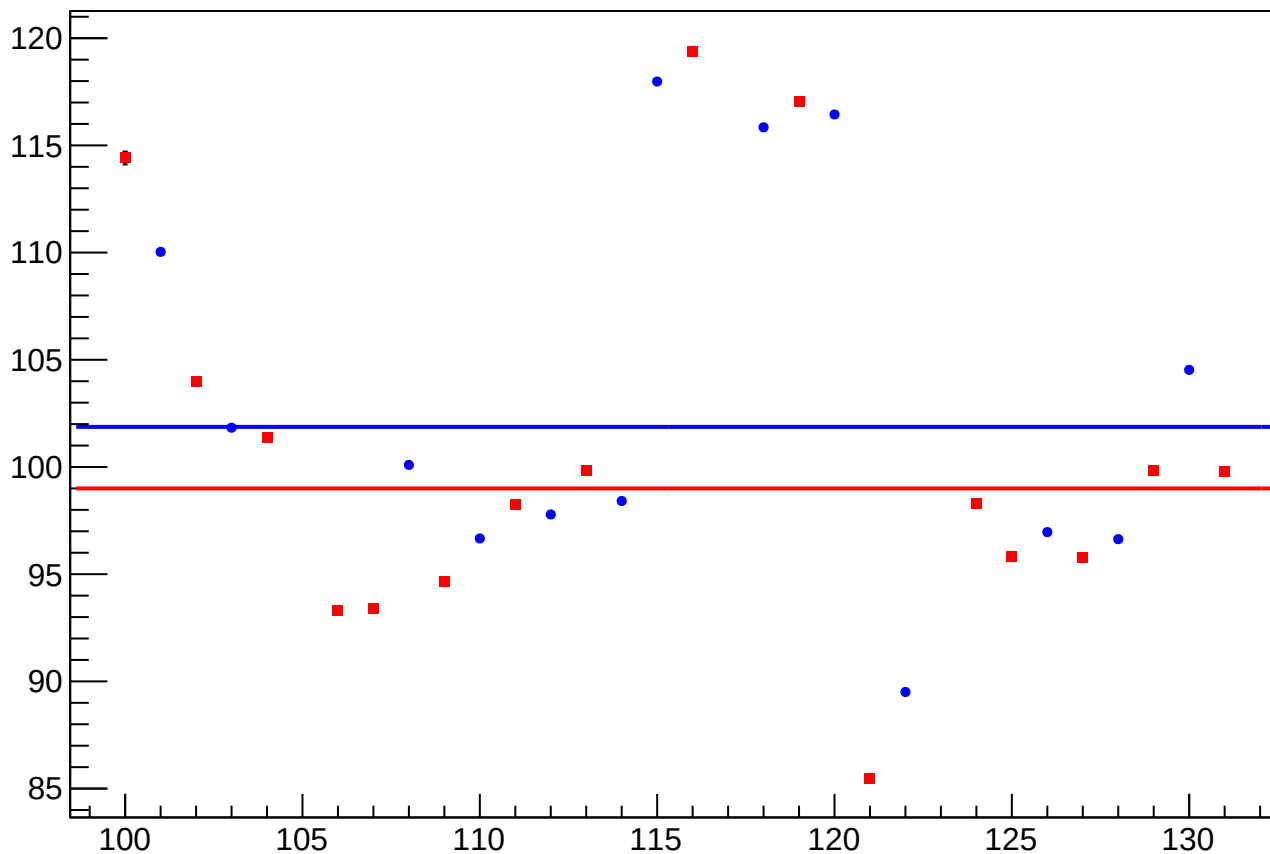
Right: 8.434 $\pm$ 29.183 χ^2 /NDF: 28.2/28

In: 50.825 $\pm$ 43.415 χ^2 /NDF:10.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.434 $\pm$ 29.183 χ^2 /NDF: 28.2/28

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.871 $\pm$ 0.031 χ^2 /NDF: 65188.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.999 $\pm$ 0.028 χ^2 /NDF: 80058.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

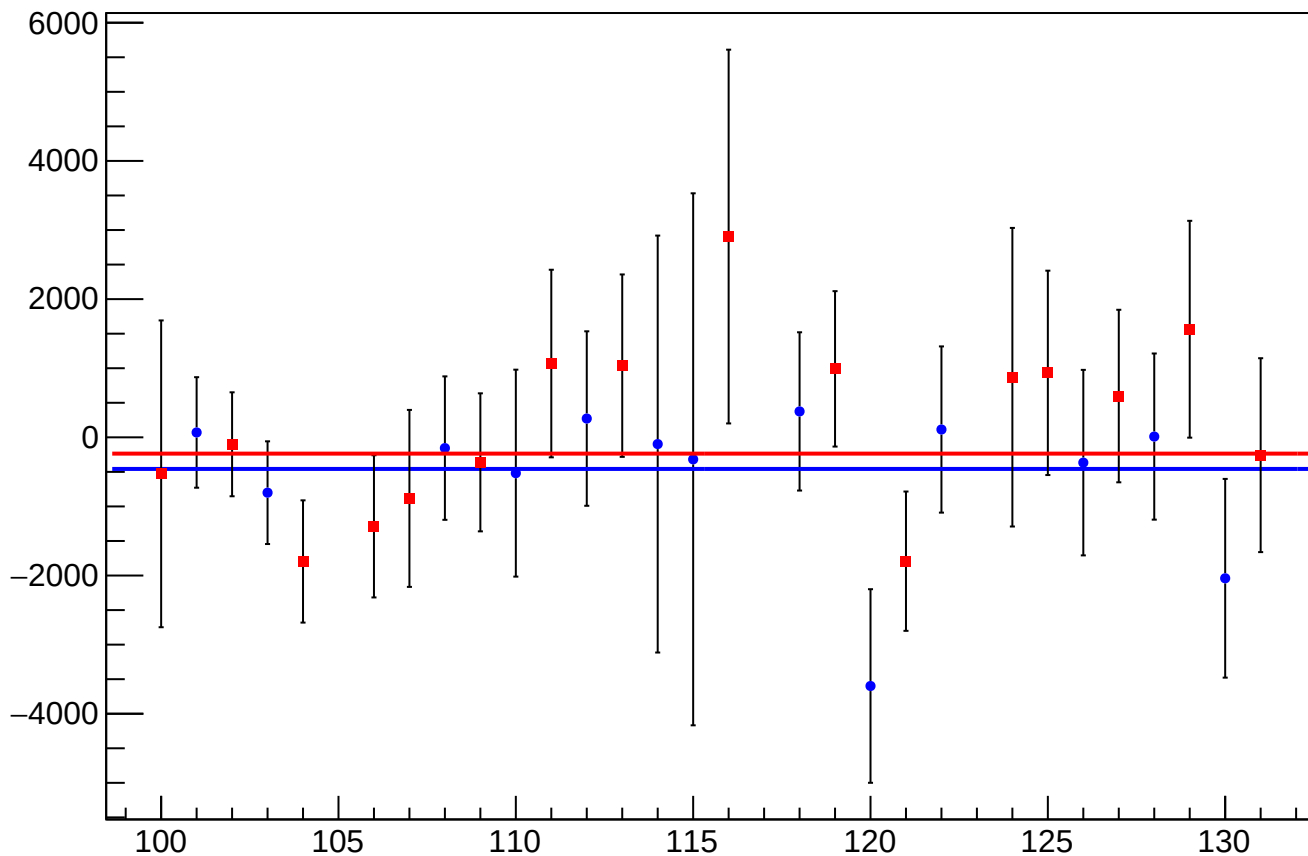
Right: 100.297 $\pm$ 0.021 χ^2 /NDF: 150043.0/28

In: 101.871 $\pm$ 0.031 χ^2 /NDF:65188.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.297 $\pm$ 0.021 χ^2 /NDF: 150043.0/28

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.744+/-300.673 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

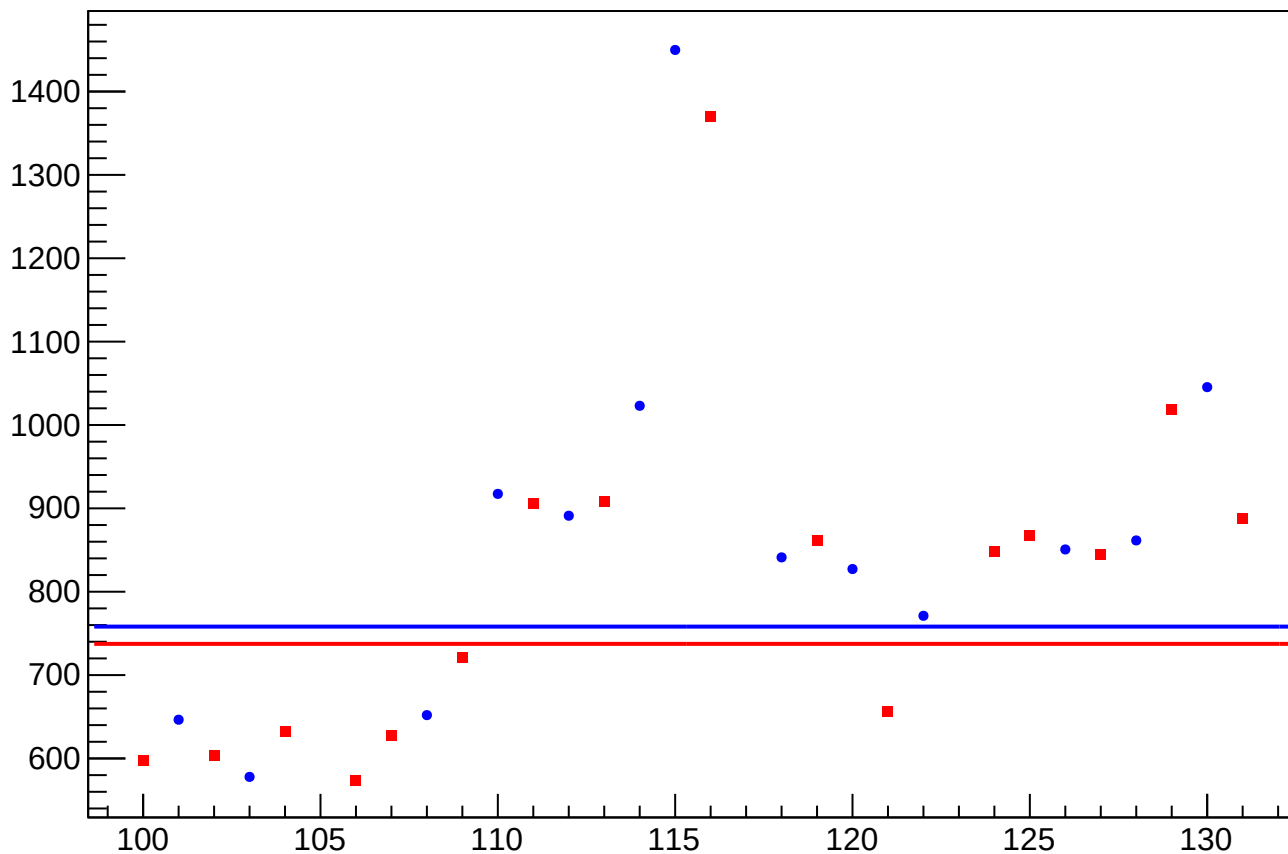
Right: -336.640+/-221.904 χ^2/NDF : 22.4/28

In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.640+/-221.904 χ^2/NDF : 22.4/28

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 758.160+/-0.233 χ^2/NDF : 422087.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.448+/-0.213 χ^2/NDF : 498773.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

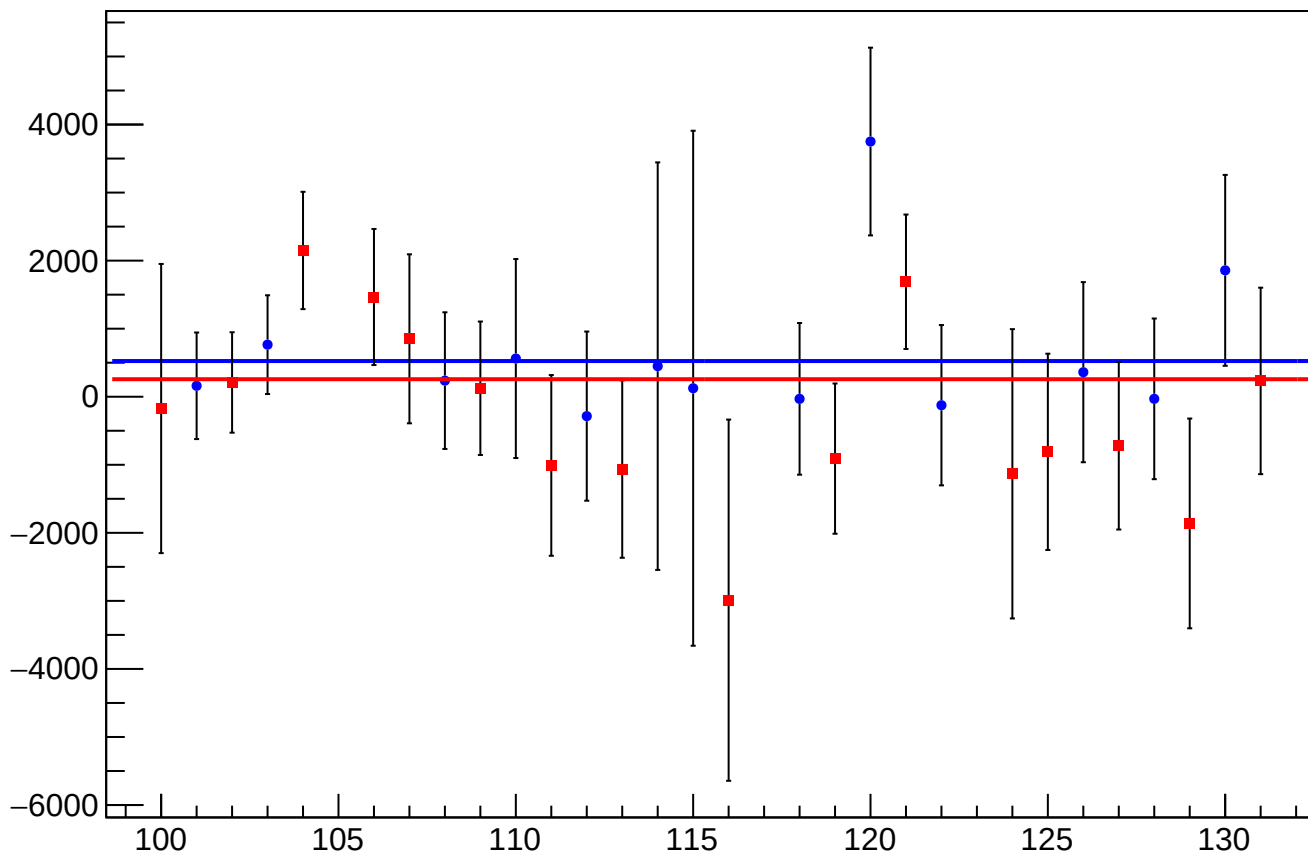
Right: 746.879+/-0.157 χ^2/NDF : 925182.3/28

In: 758.160+/-0.233 χ^2/NDF : 422087.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.879+/-0.157 χ^2/NDF : 925182.3/28

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 524.614 $\pm$ 321.633 χ^2 /NDF: 8.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 257.515 $\pm$ 294.233 χ^2 /NDF: 16.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

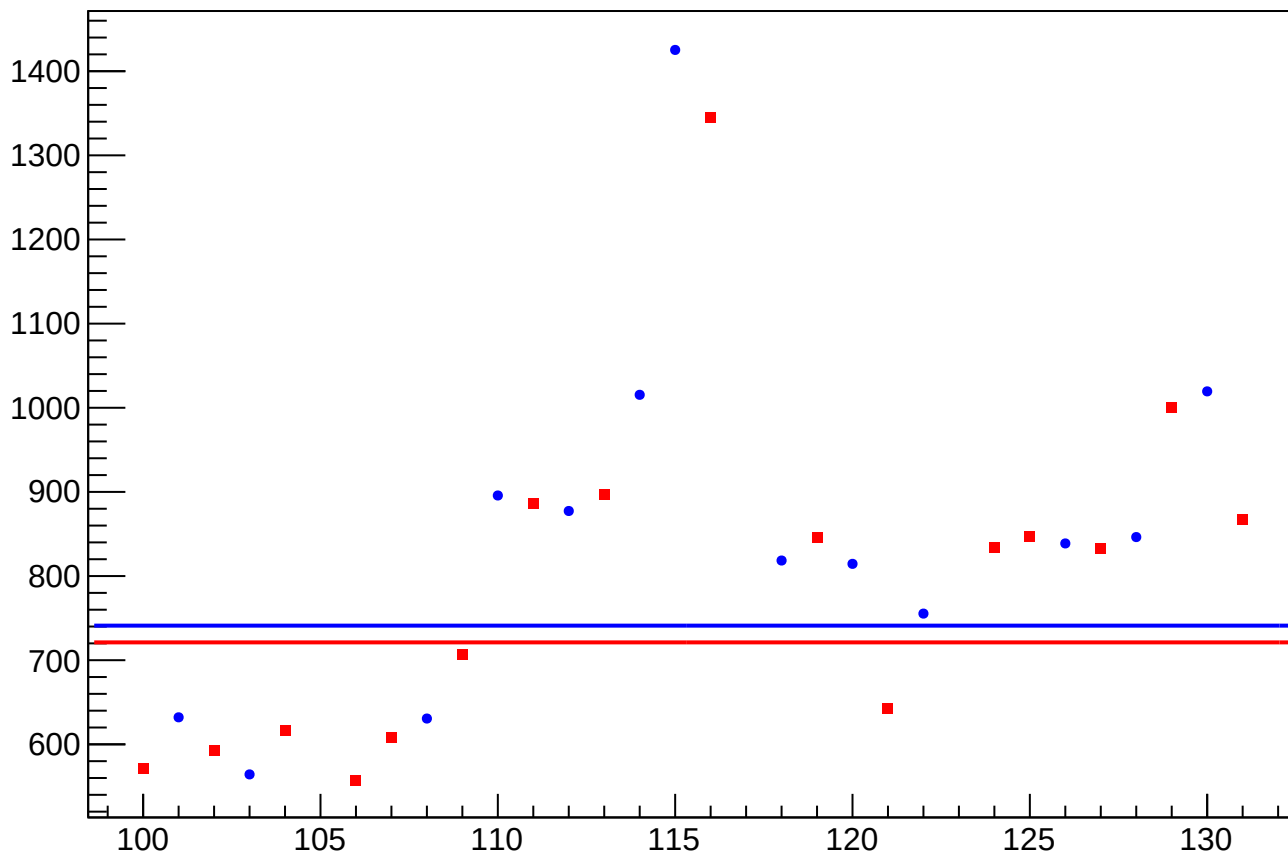
Right: 379.205 $\pm$ 217.096 χ^2 /NDF: 25.1/28

In: 524.614 $\pm$ 321.633 χ^2 /NDF:8.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 379.205 $\pm$ 217.096 χ^2 /NDF: 25.1/28

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 741.075+/-0.227 χ^2/NDF : 431453.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.169+/-0.208 χ^2/NDF : 512105.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

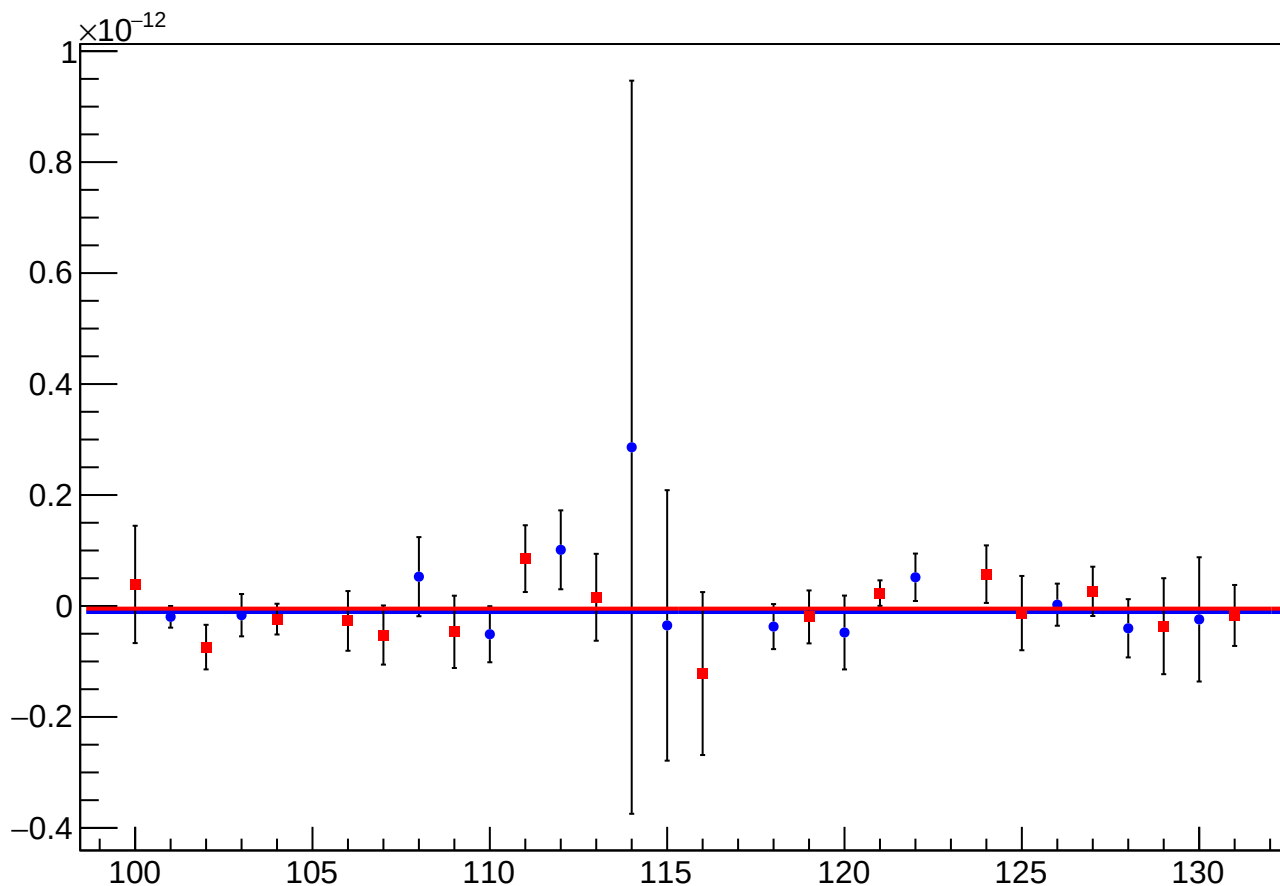
Right: 730.238+/-0.154 χ^2/NDF : 947729.5/28

In: 741.075+/-0.227 χ^2/NDF : 431453.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.238+/-0.154 χ^2/NDF : 947729.5/28

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

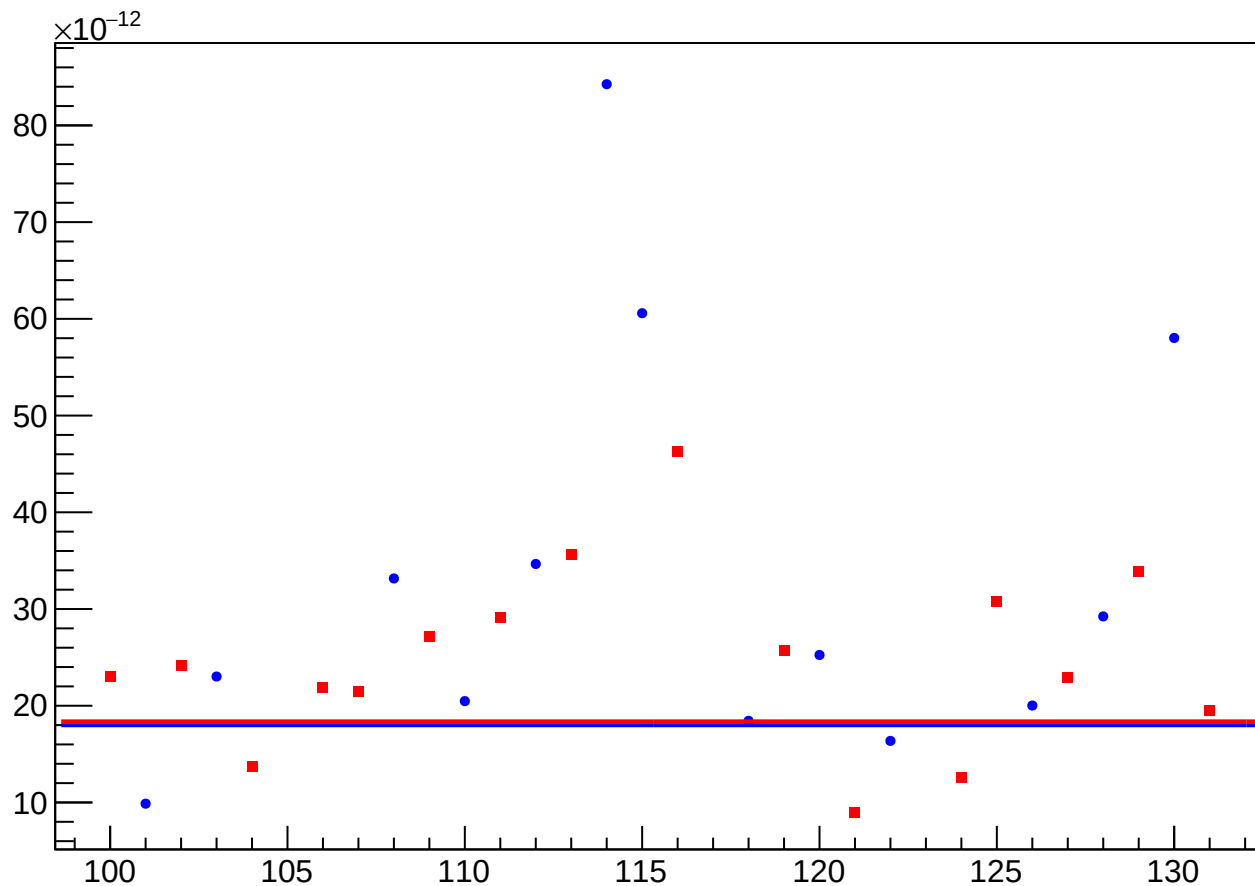
Right: -0.000+/-0.000 χ^2/NDF : 19.4/28

In: -0.000+/-0.000 χ^2/NDF : 7.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/28

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1047169.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 948940.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

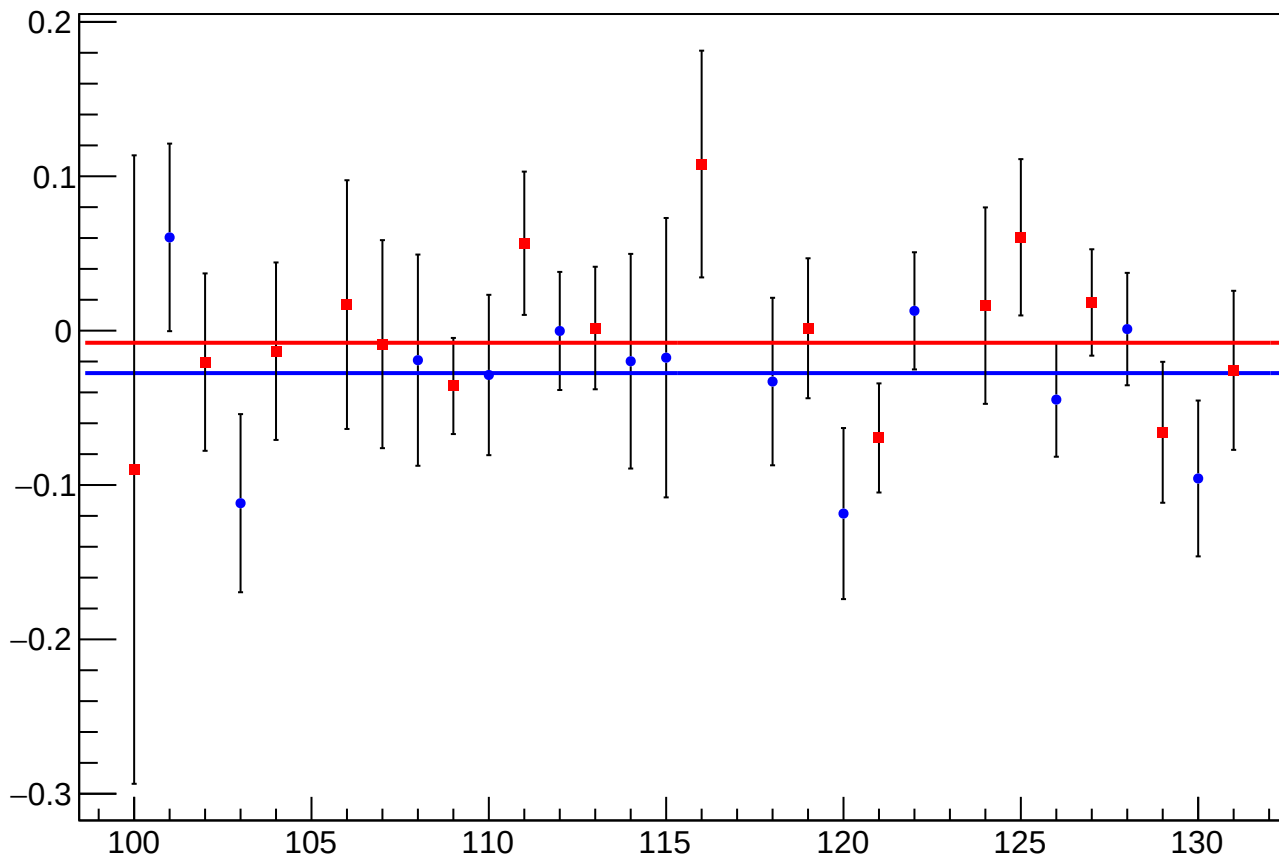
Right: 0.000+/-0.000 χ^2/NDF : 1997220.9/28

In: 0.000+/-0.000 χ^2/NDF : 1047169.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1997220.9/28

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.012 χ^2/NDF : 13.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

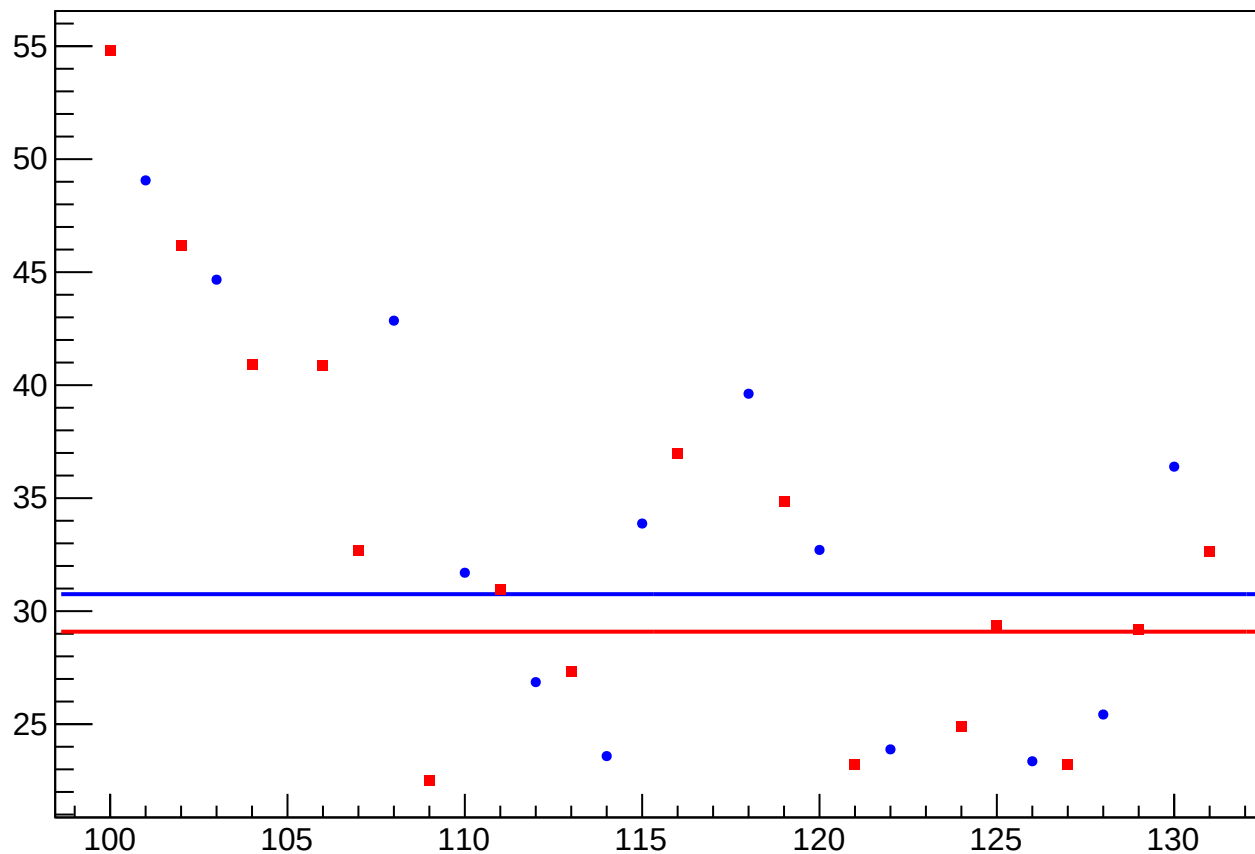
Right: -0.016 ± 0.009 χ^2/NDF : 25.4/28

In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.009 χ^2/NDF : 25.4/28

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.092+/-0.008 χ^2/NDF : 625677.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

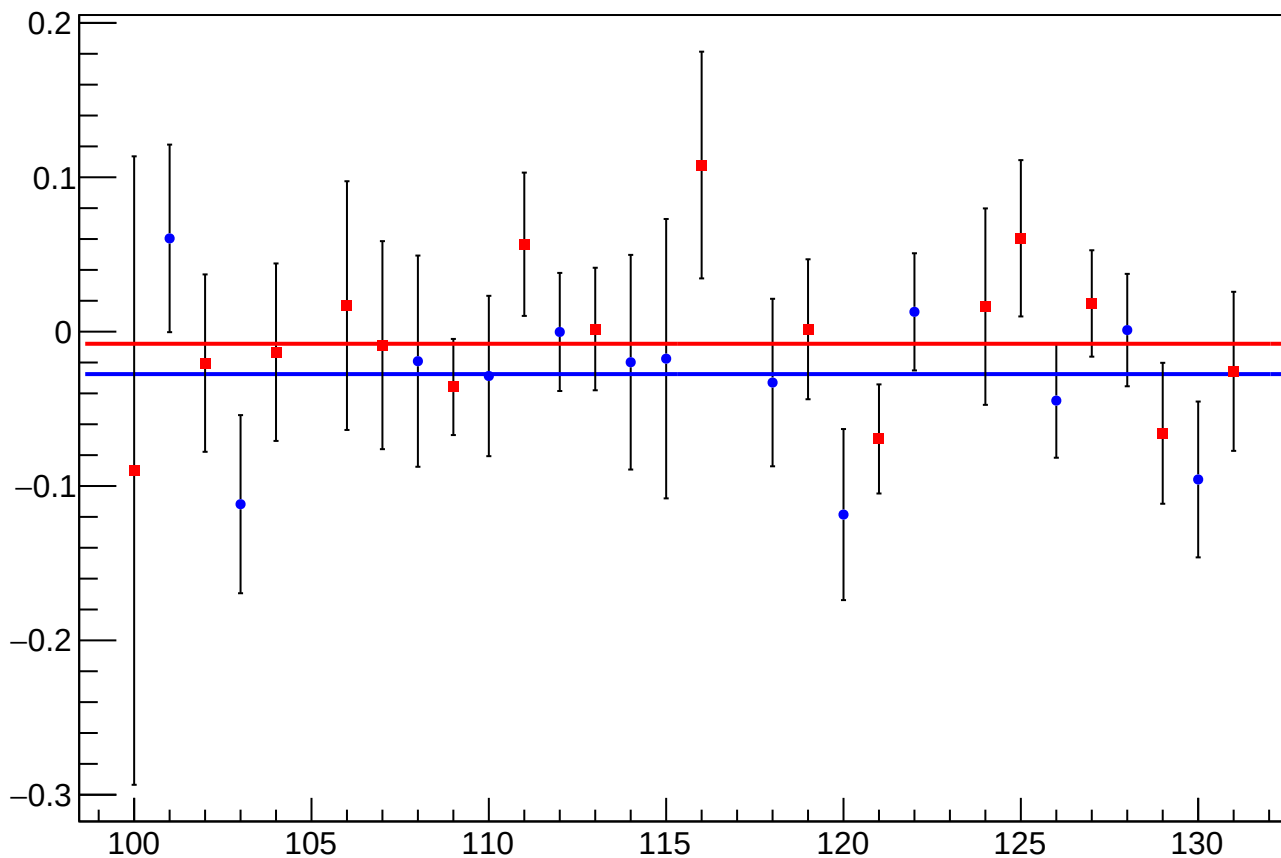
Right: 29.818+/-0.006 χ^2/NDF : 1317041.8/28

In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.818+/-0.006 χ^2/NDF : 1317041.8/28

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.012 χ^2/NDF : 13.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

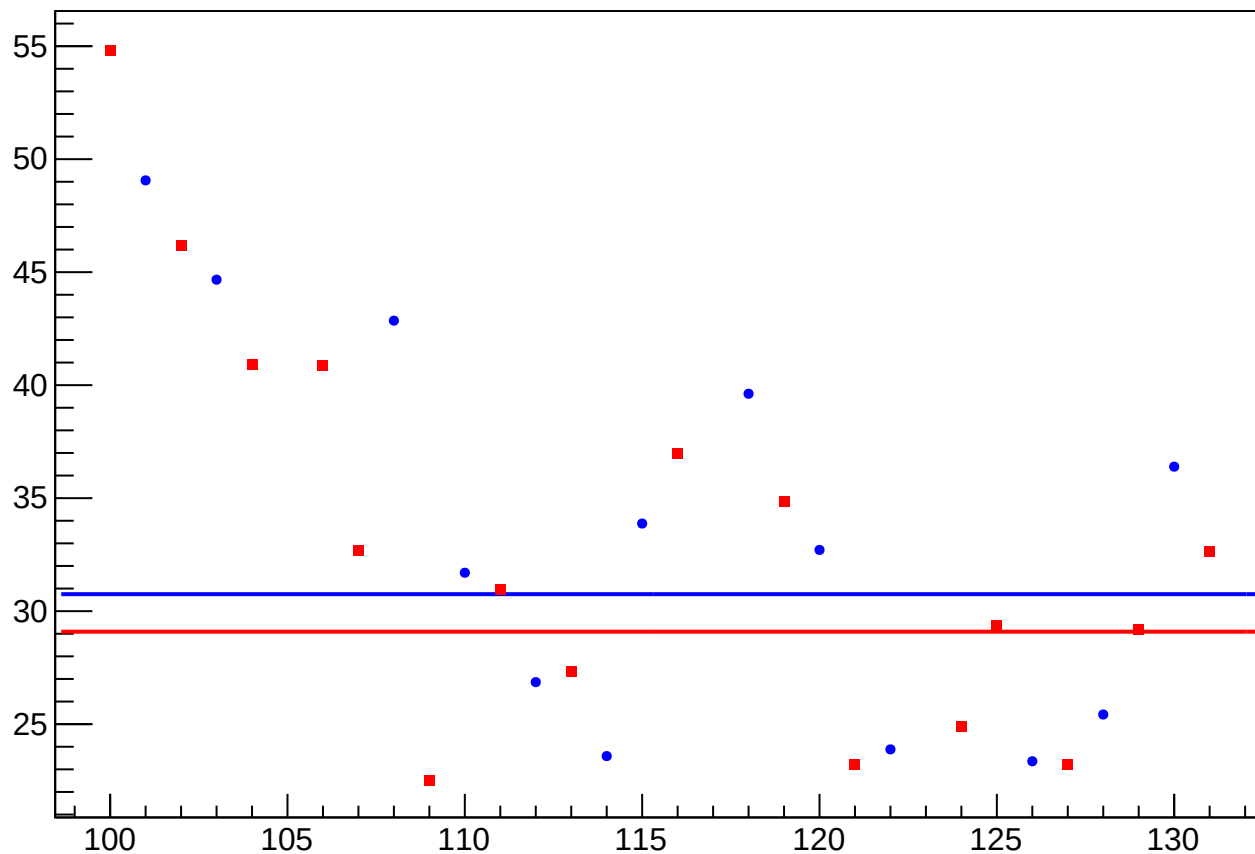
Right: -0.016 ± 0.009 χ^2/NDF : 25.4/28

In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.009 χ^2/NDF : 25.4/28

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.092+/-0.008 χ^2/NDF : 625677.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

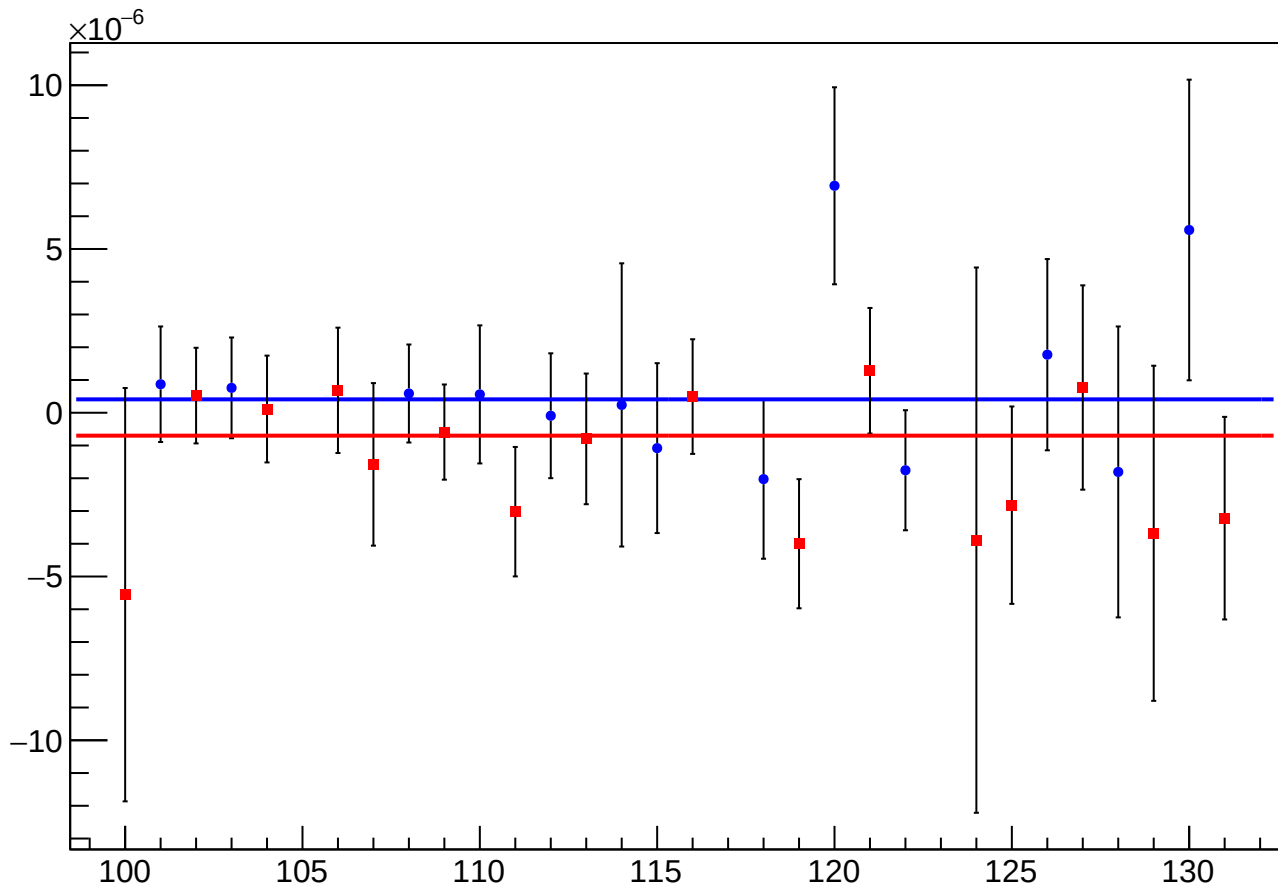
Right: 29.818+/-0.006 χ^2/NDF : 1317041.8/28

In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.818+/-0.006 χ^2/NDF : 1317041.8/28

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

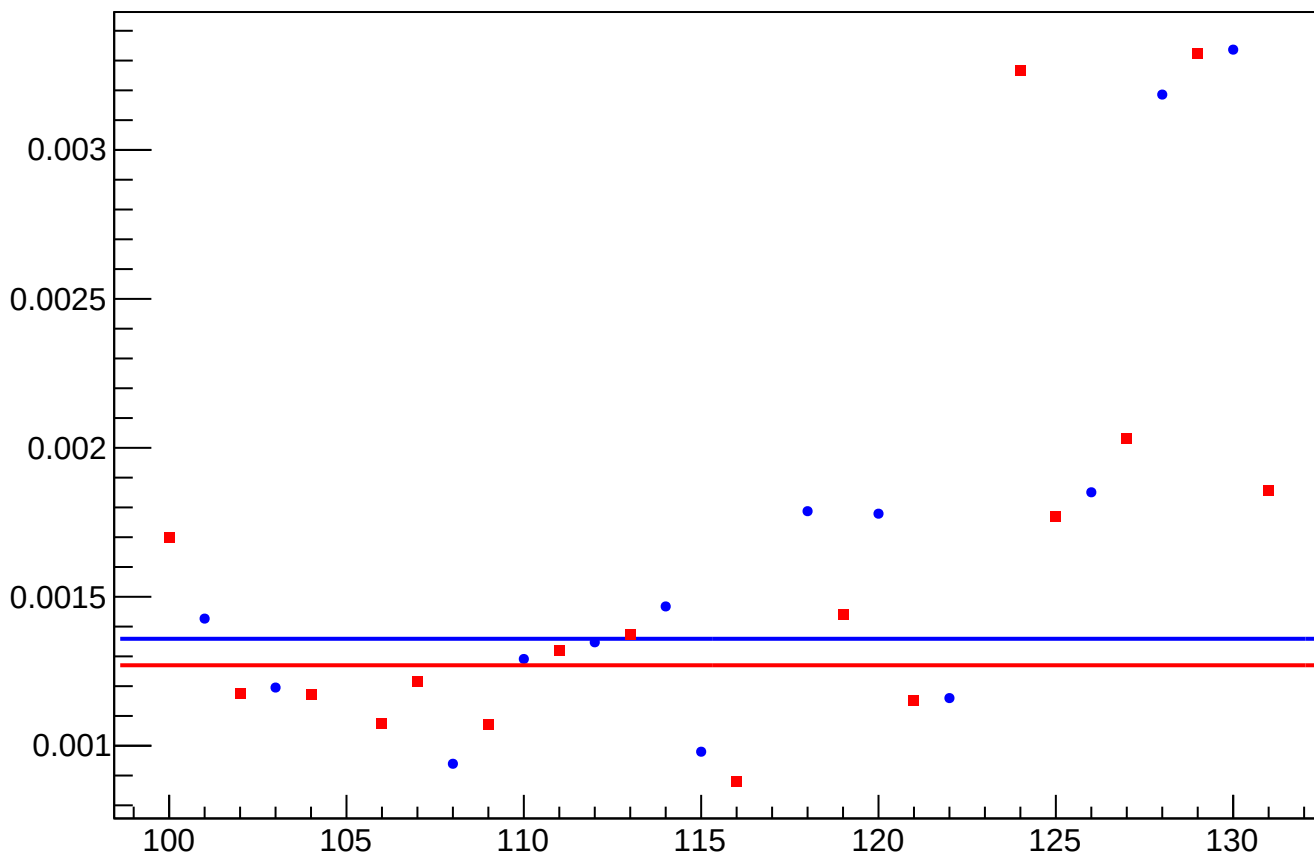
Right: -0.000+/-0.000 χ^2/NDF : 21.0/28

In: 0.000+/-0.000 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.0/28

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1120093.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 894706.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

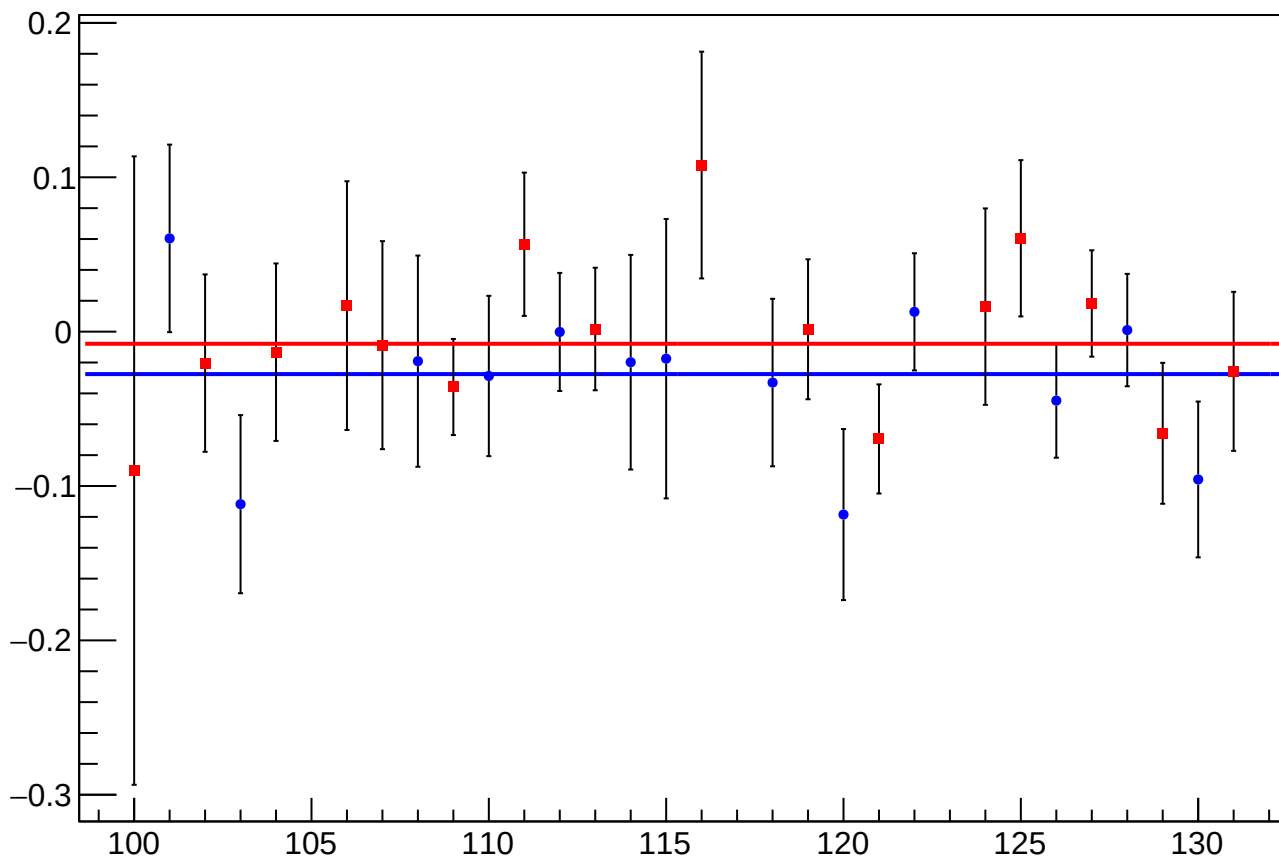
Right: 0.001+/-0.000 χ^2/NDF : 2038848.2/28

In: 0.001+/-0.000 χ^2/NDF : 1120093.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2038848.2/28

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.012 χ^2/NDF : 13.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

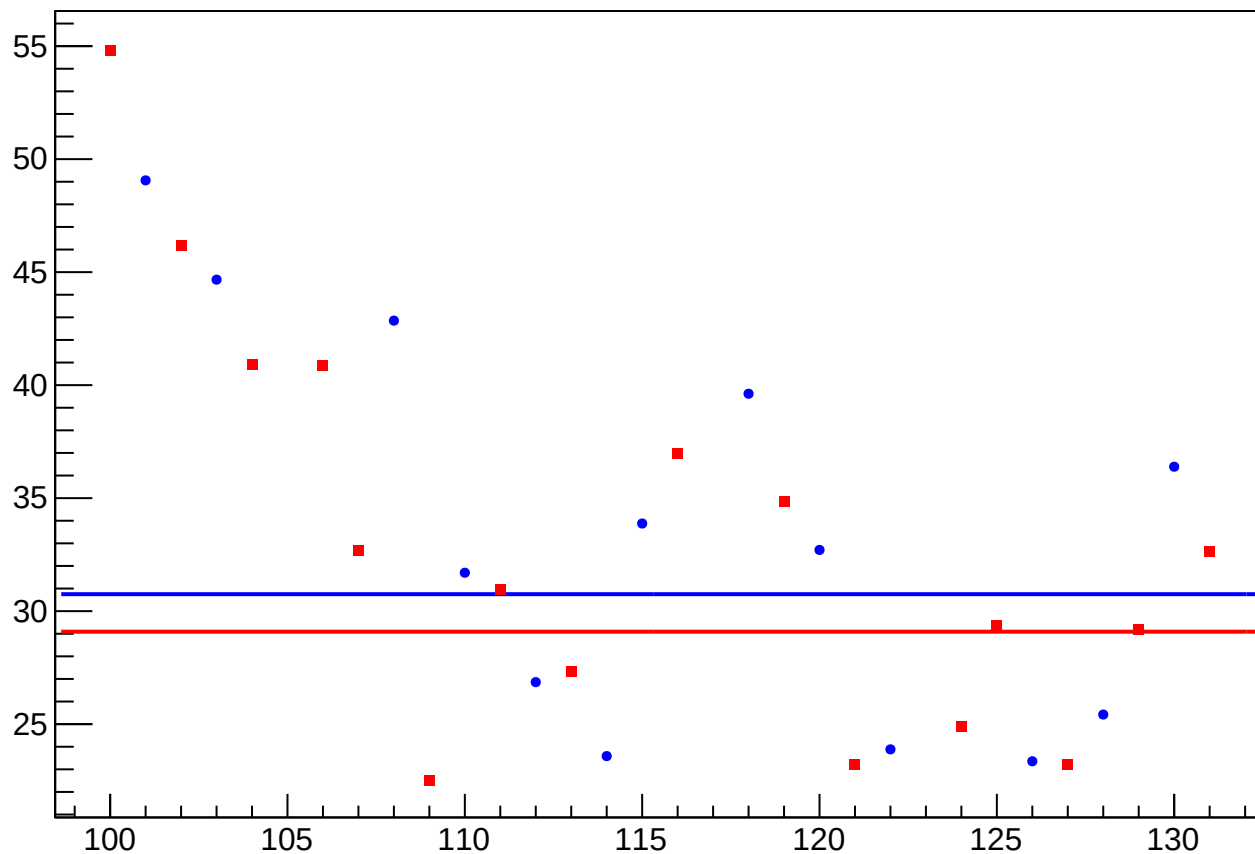
Right: -0.016 ± 0.009 χ^2/NDF : 25.4/28

In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.009 χ^2/NDF : 25.4/28

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.091+/-0.008 χ^2/NDF : 625752.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

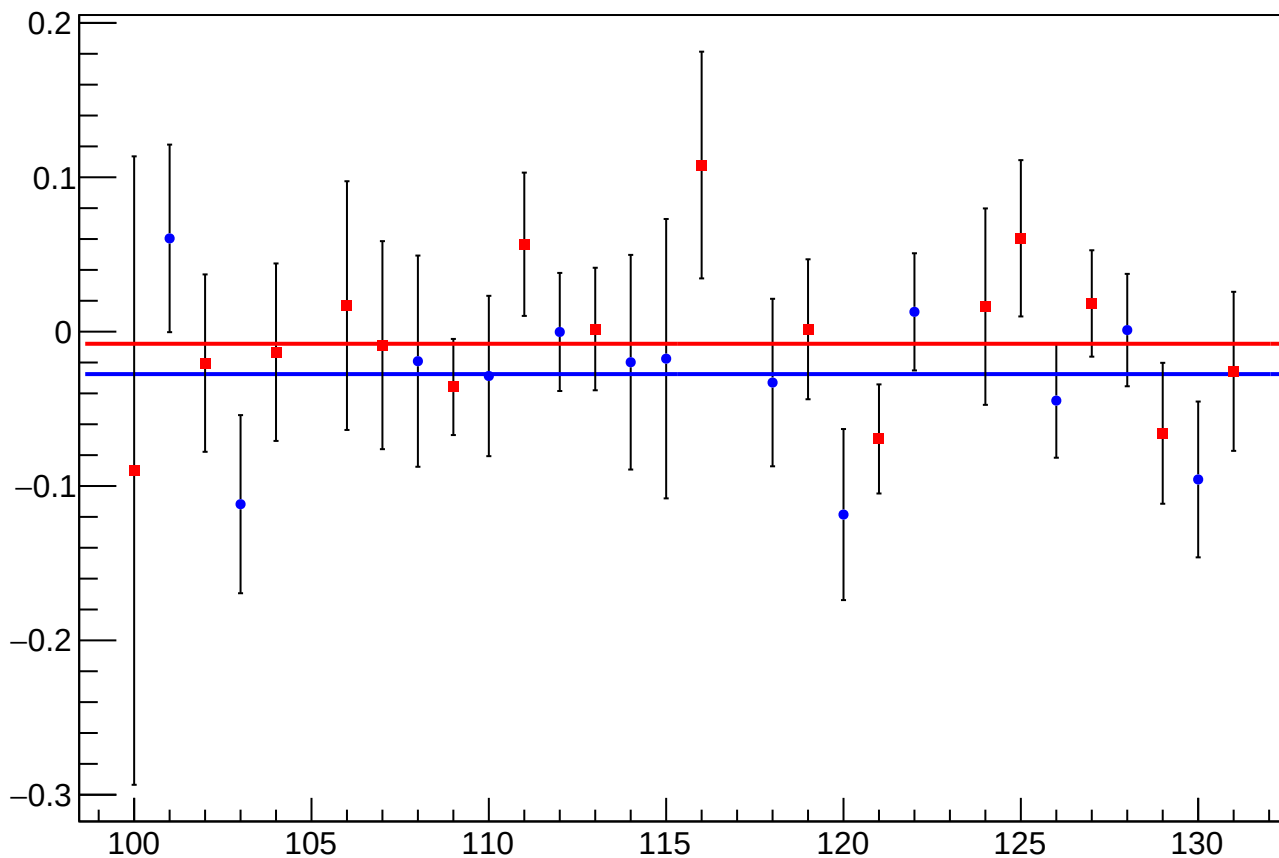
Right: 29.817+/-0.006 χ^2/NDF : 1317167.9/28

In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.817+/-0.006 χ^2/NDF : 1317167.9/28

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.014 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.012 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

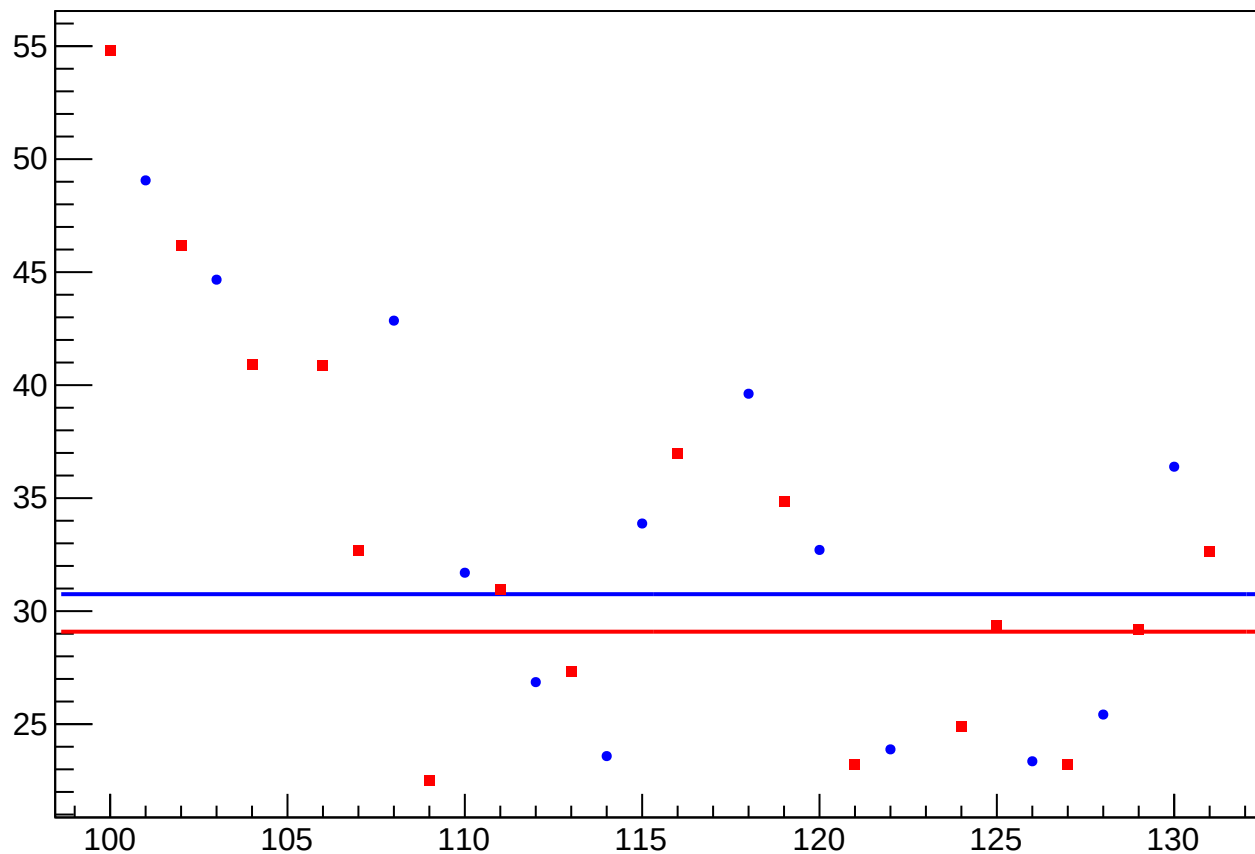
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/28

In: -0.028 $\pm$ 0.014 χ^2 /NDF:11.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/28

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.091+/-0.008 χ^2/NDF : 625752.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

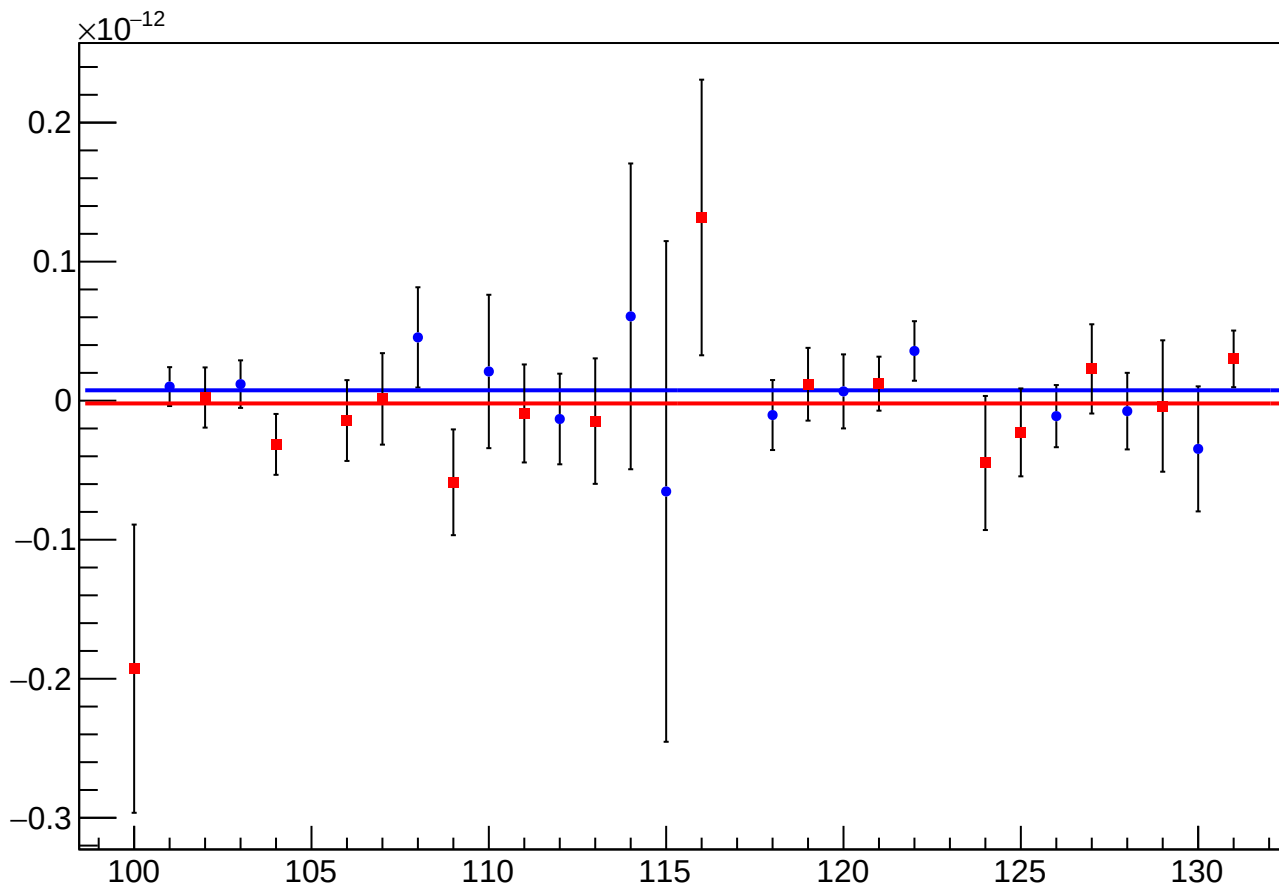
Right: 29.817+/-0.006 χ^2/NDF : 1317167.9/28

In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.817+/-0.006 χ^2/NDF : 1317167.9/28

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 14.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

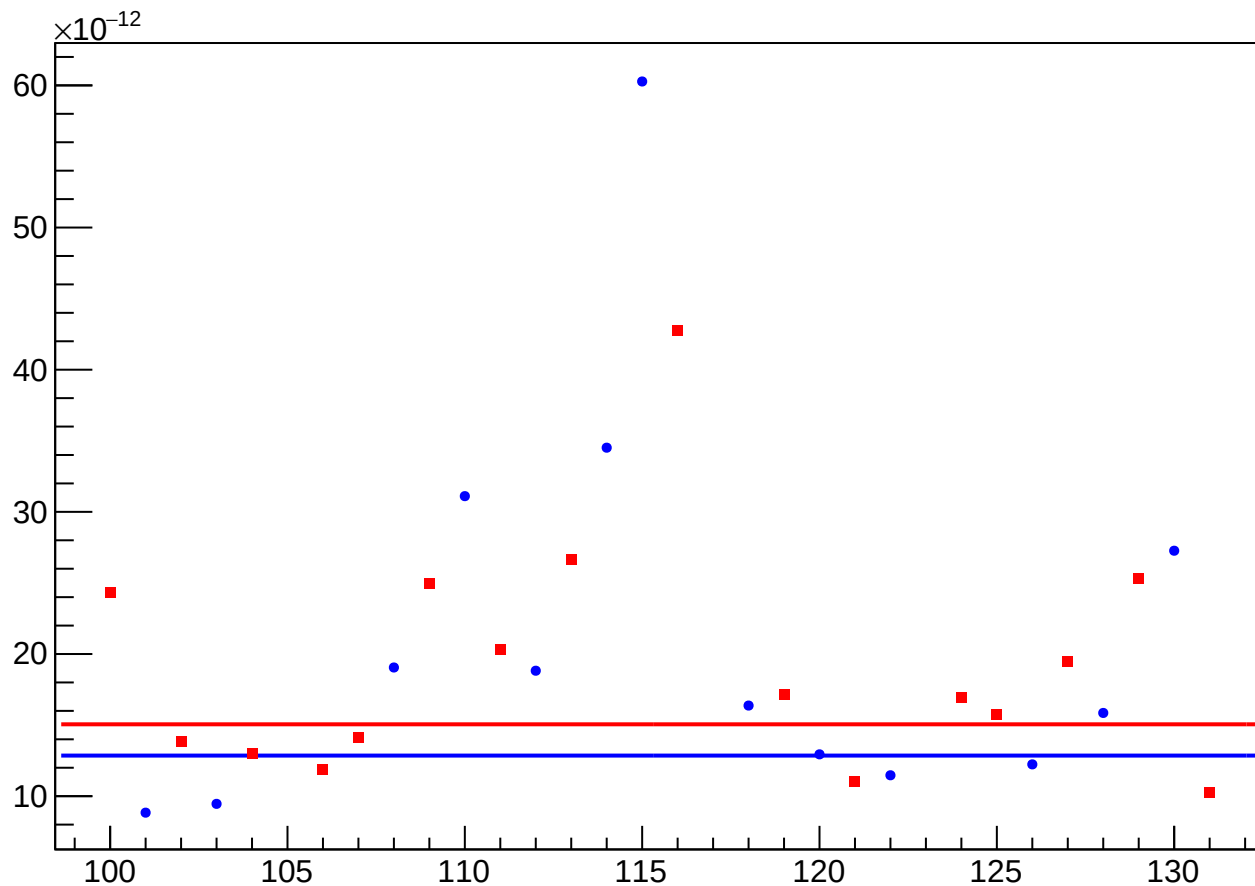
Right: 0.000 ± 0.000 χ^2/NDF : 21.7/28

In: 0.000 ± 0.000 χ^2/NDF : 6.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 21.7/28

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1083207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 880987.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

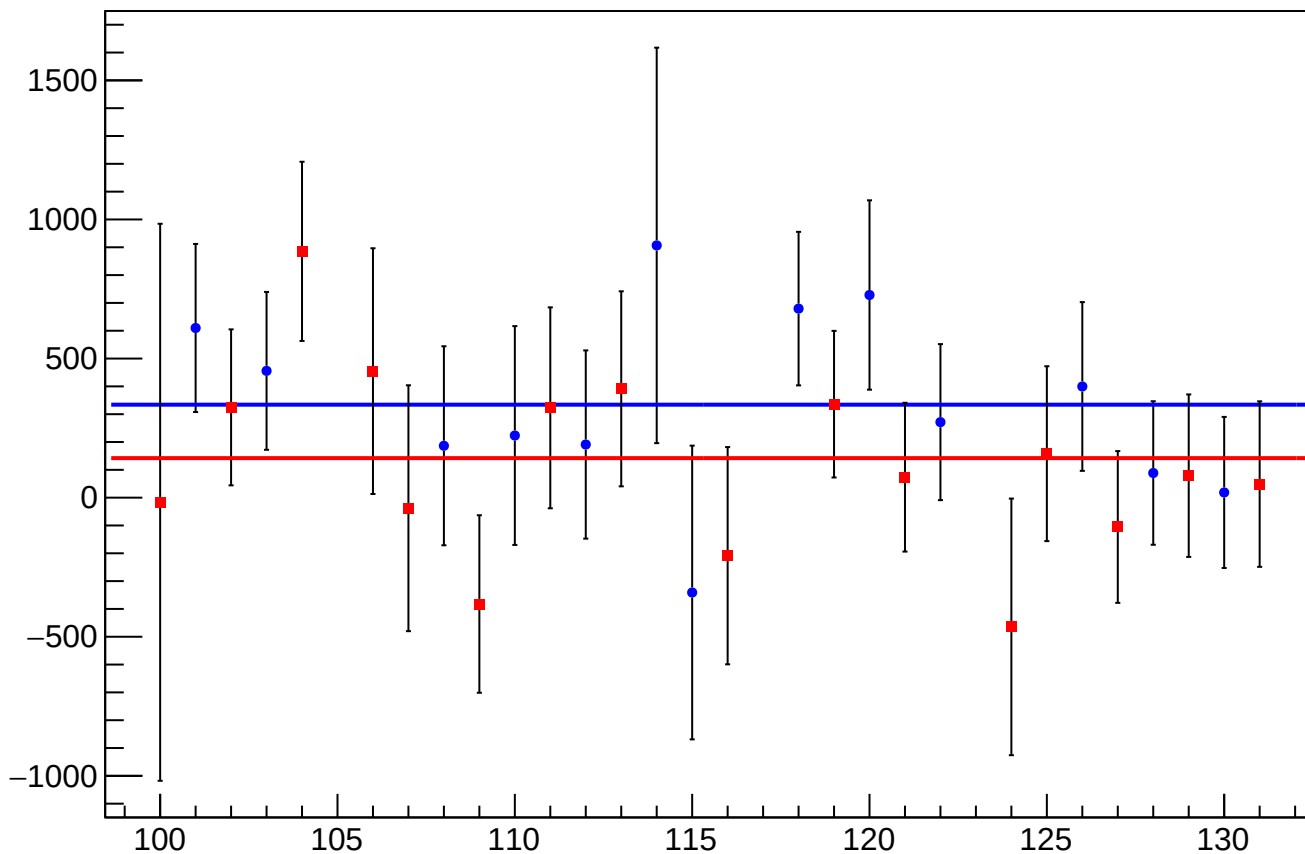
Right: 0.000+/-0.000 χ^2/NDF : 2054840.7/28

In: 0.000+/-0.000 χ^2/NDF : 1083207.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2054840.7/28

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 334.199 $\pm$ 89.120 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.063 $\pm$ 82.910 χ^2 /NDF: 14.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

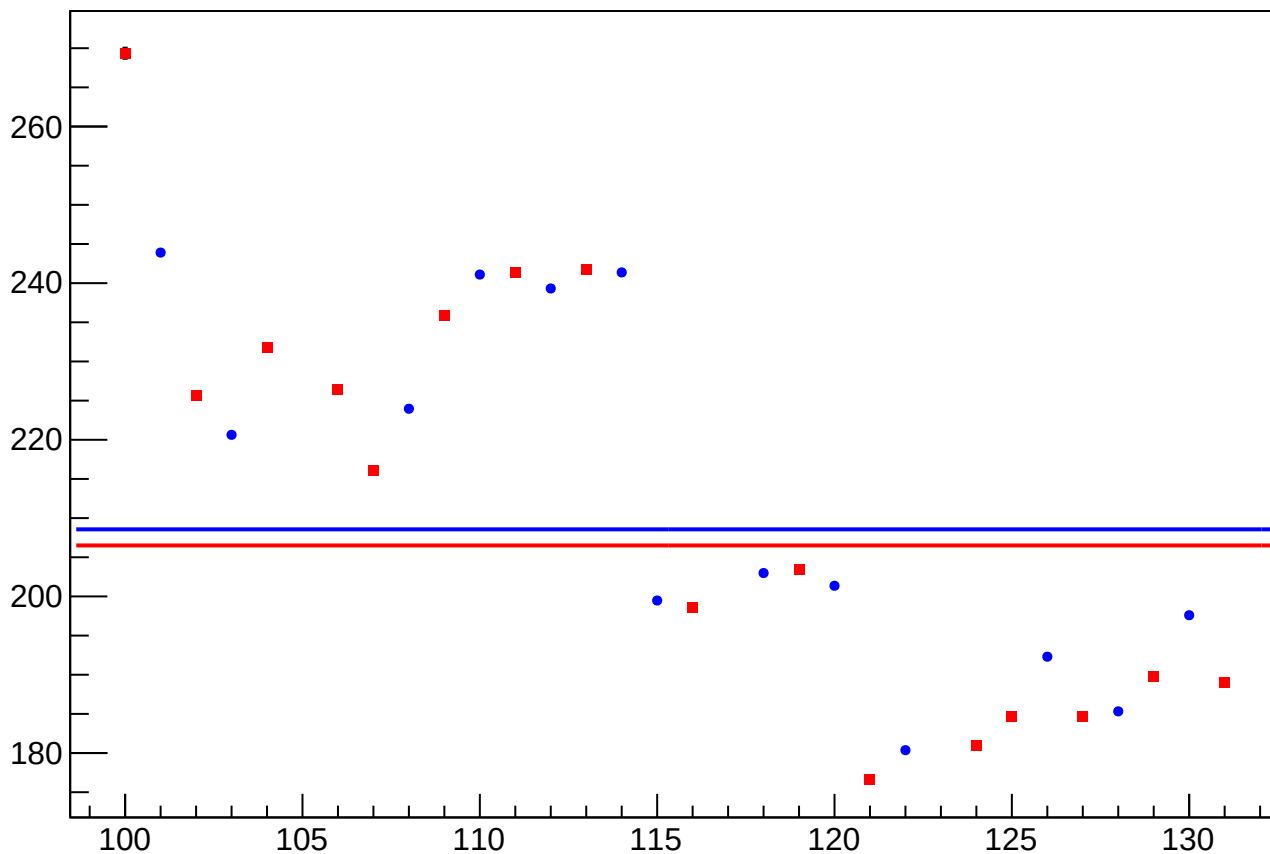
Right: 231.204 $\pm$ 60.703 χ^2 /NDF: 25.5/28

In: 334.199 $\pm$ 89.120 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 231.204 $\pm$ 60.703 χ^2 /NDF: 25.5/28

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.564+/-0.063 χ^2/NDF : 116932.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.510+/-0.059 χ^2/NDF : 158475.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

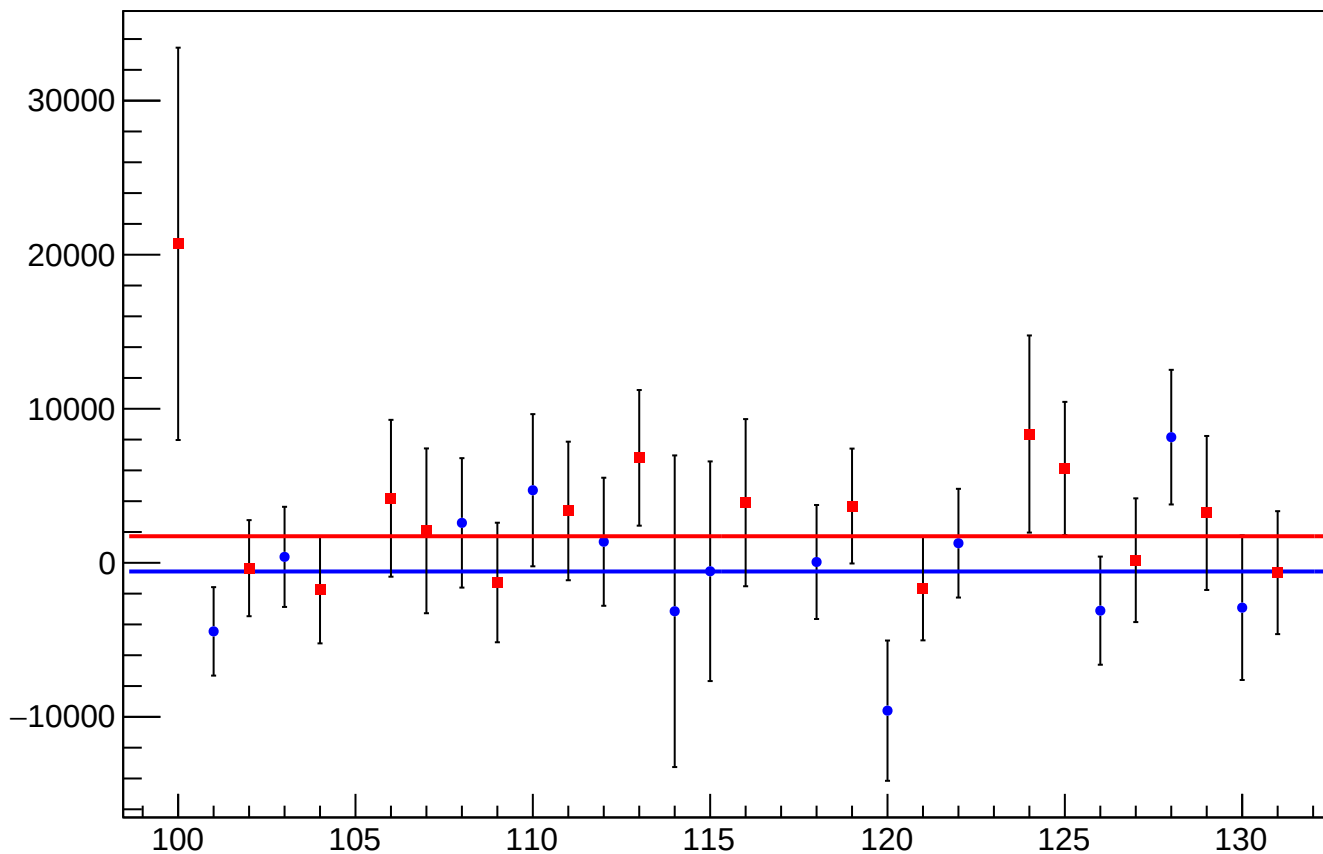
Right: 207.463+/-0.043 χ^2/NDF : 275978.3/28

In: 208.564+/-0.063 χ^2/NDF : 116932.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.463+/-0.043 χ^2/NDF : 275978.3/28

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -562.465+/-1131.256 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.254+/-1072.746 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

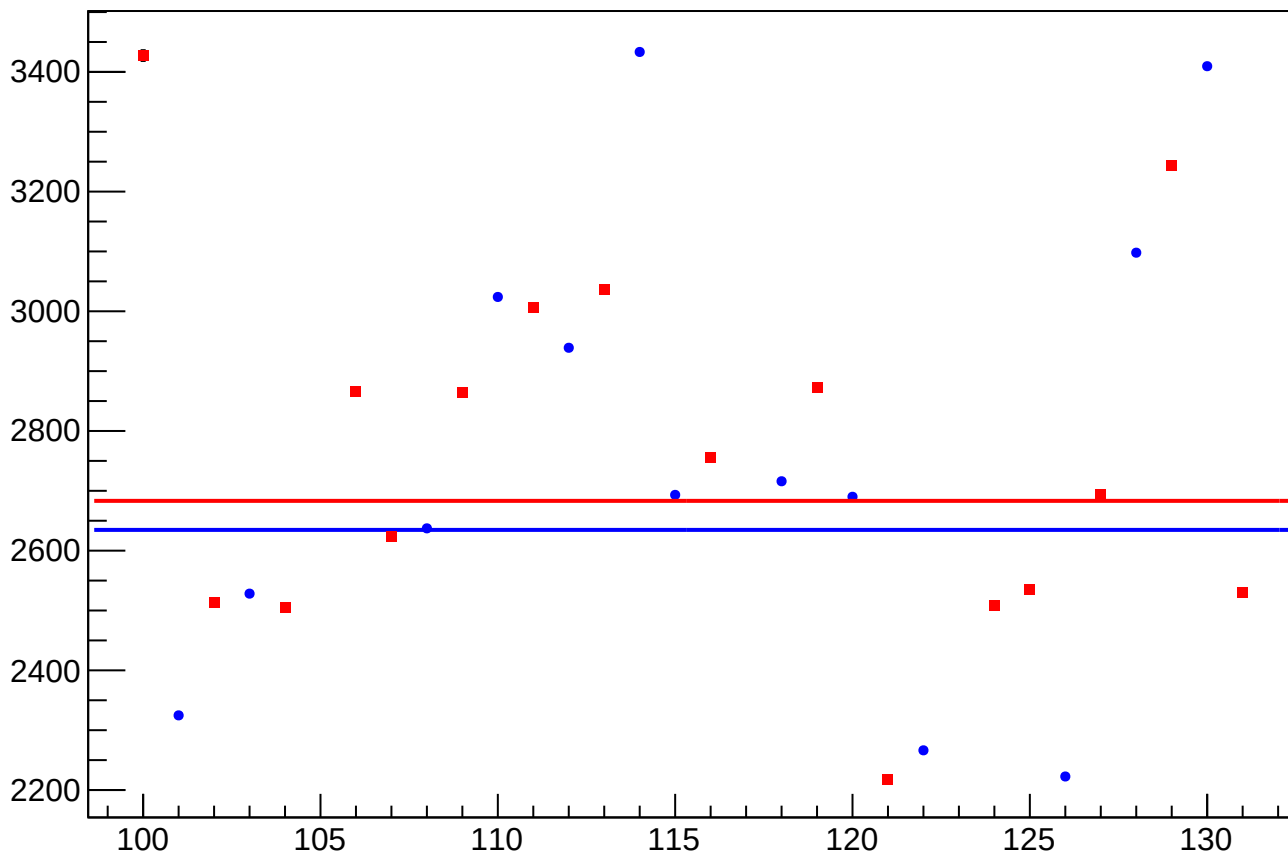
Right: 642.084+/-778.409 χ^2/NDF : 25.2/28

In: -562.465+/-1131.256 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.084+/-778.409 χ^2/NDF : 25.2/28

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2634.690+/-0.800 χ^2/NDF : 188758.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2683.212+/-0.759 χ^2/NDF : 123935.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

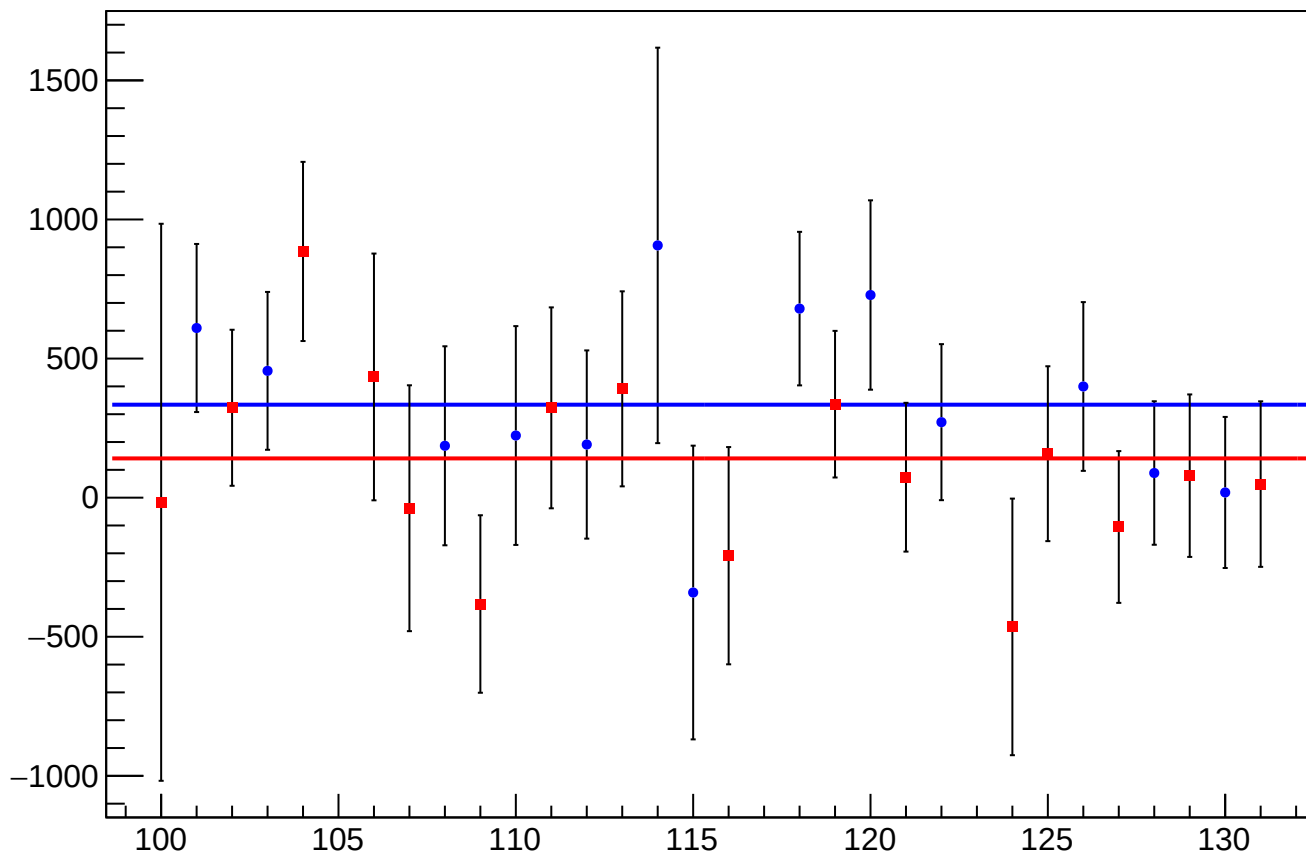
Right: 2660.238+/-0.550 χ^2/NDF : 314630.9/28

In: 2634.690+/-0.800 χ^2/NDF : 188758.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.238+/-0.550 χ^2/NDF : 314630.9/28

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 334.215 ± 89.121 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 141.094 ± 82.924 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

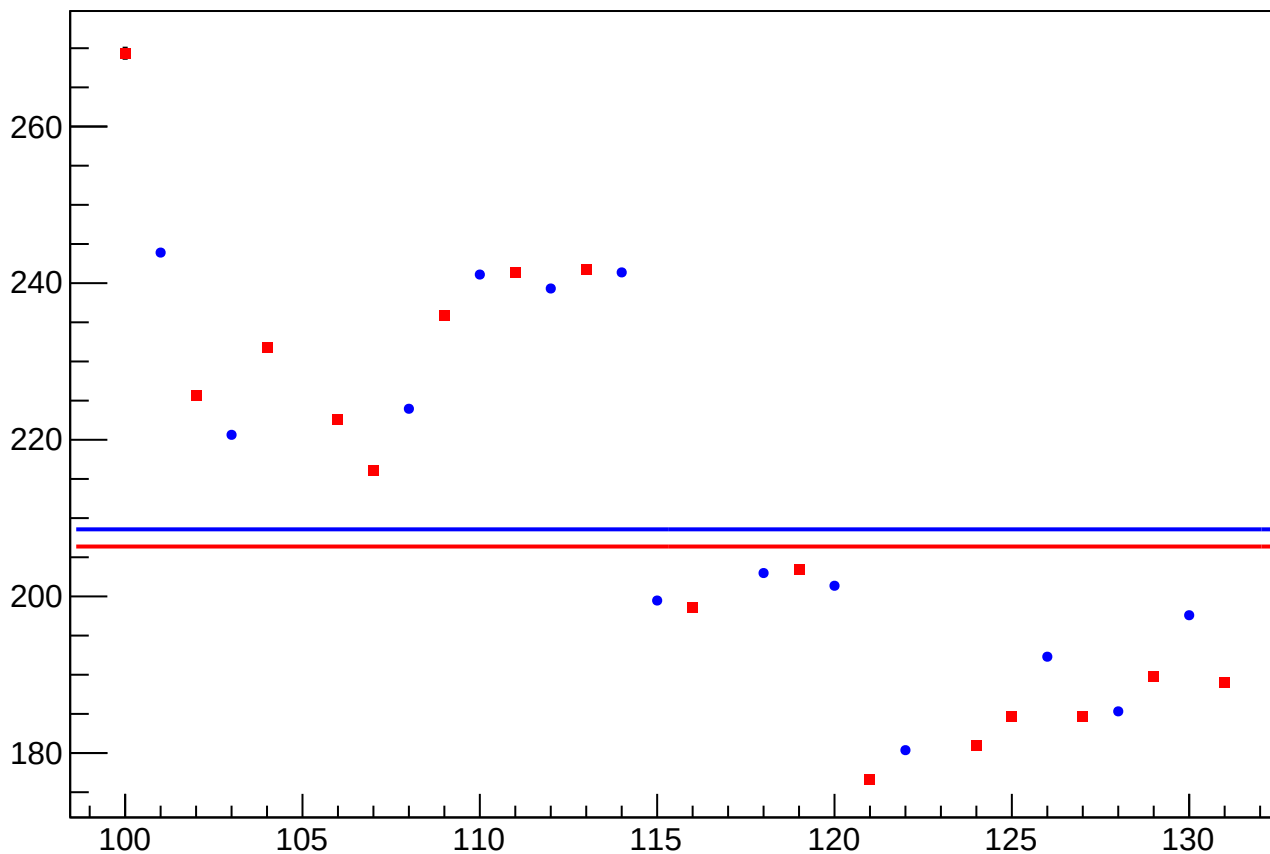
Right: 230.708 ± 60.709 χ^2/NDF : 25.4/28

In: 334.215 ± 89.121 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 230.708 ± 60.709 χ^2/NDF : 25.4/28

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.371+/-0.059 χ^2/NDF : 157055.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

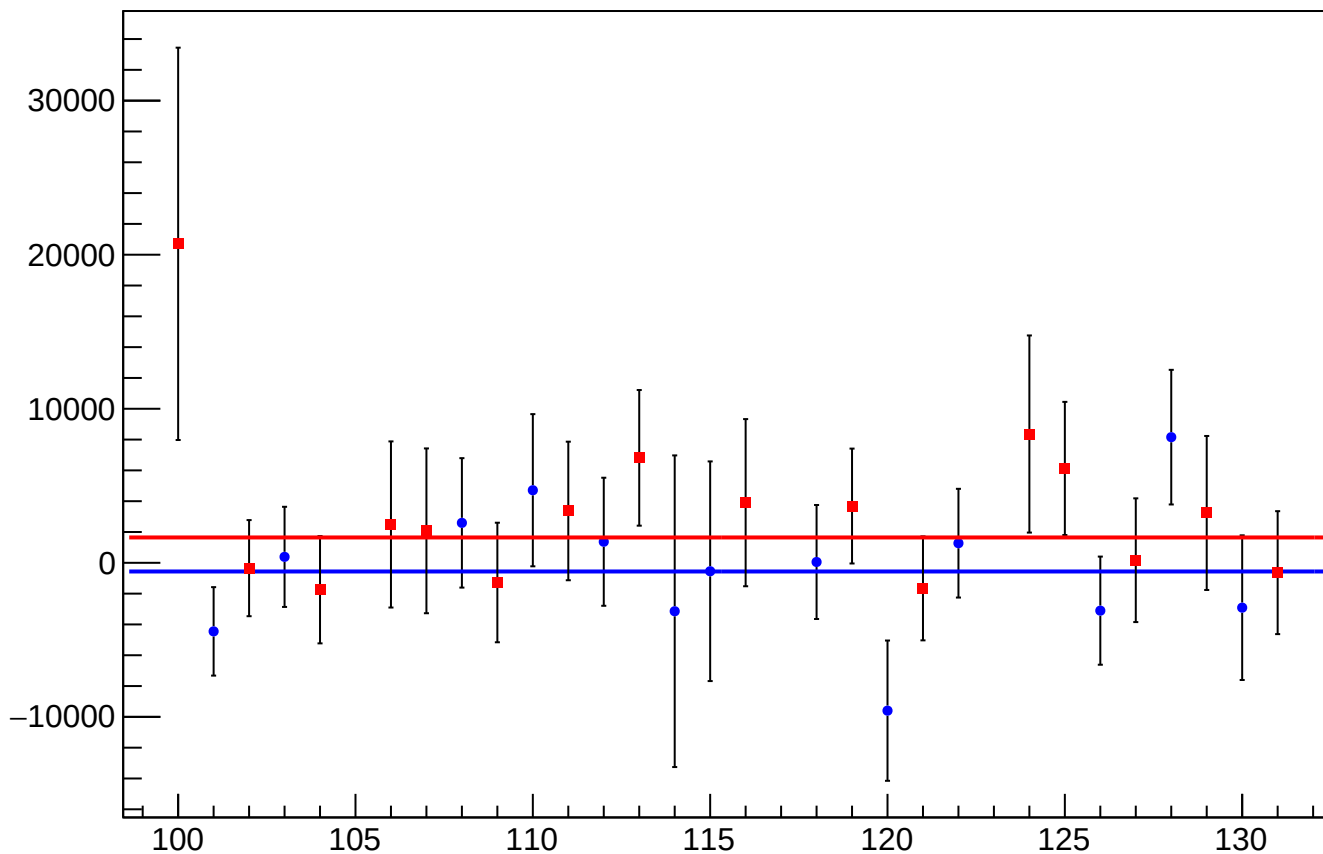
Right: 207.389+/-0.043 χ^2/NDF : 274638.2/28

In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.389+/-0.043 χ^2/NDF : 274638.2/28

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.147+/-1075.391 χ^2/NDF : 9.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

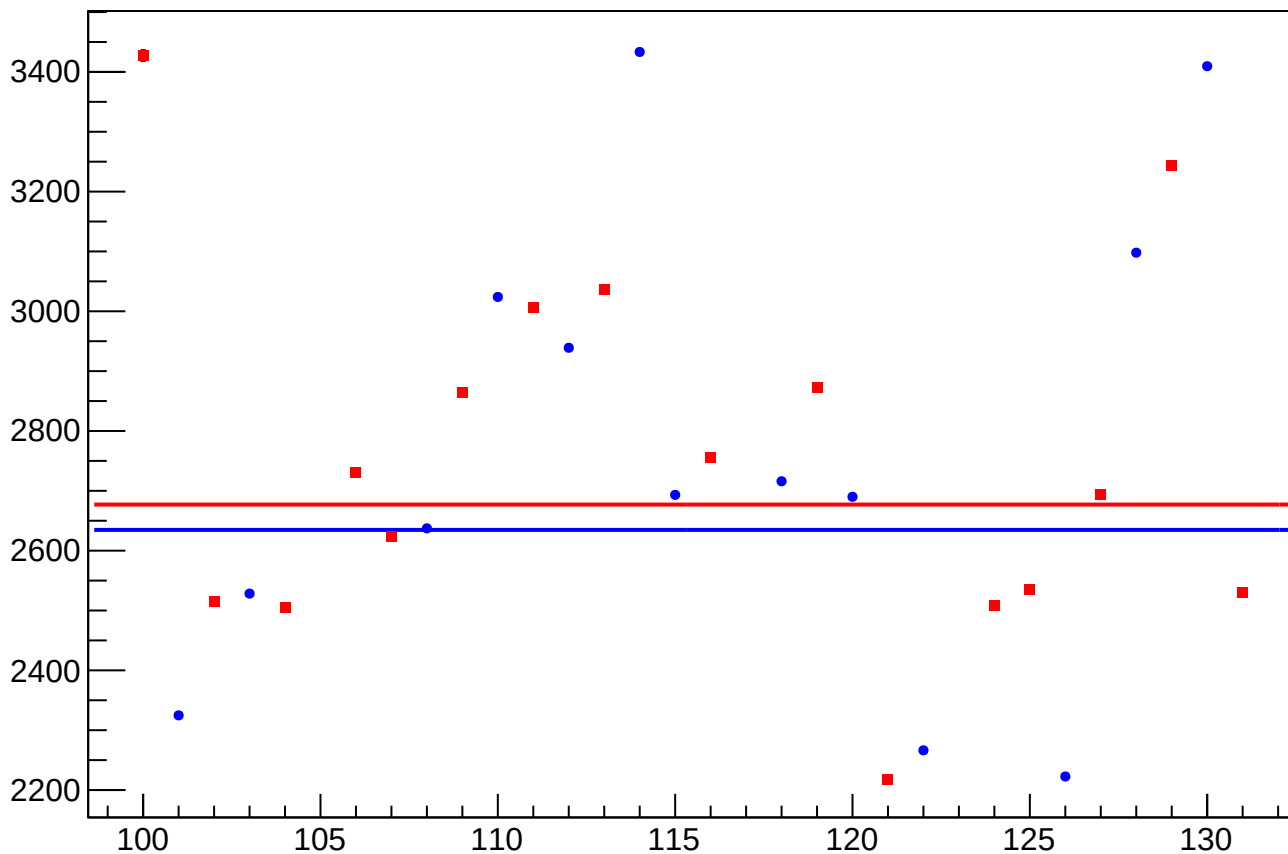
Right: 597.765+/-779.419 χ^2/NDF : 24.8/28

In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.765+/-779.419 χ^2/NDF : 24.8/28

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2677.025+/-0.760 χ^2/NDF : 121353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

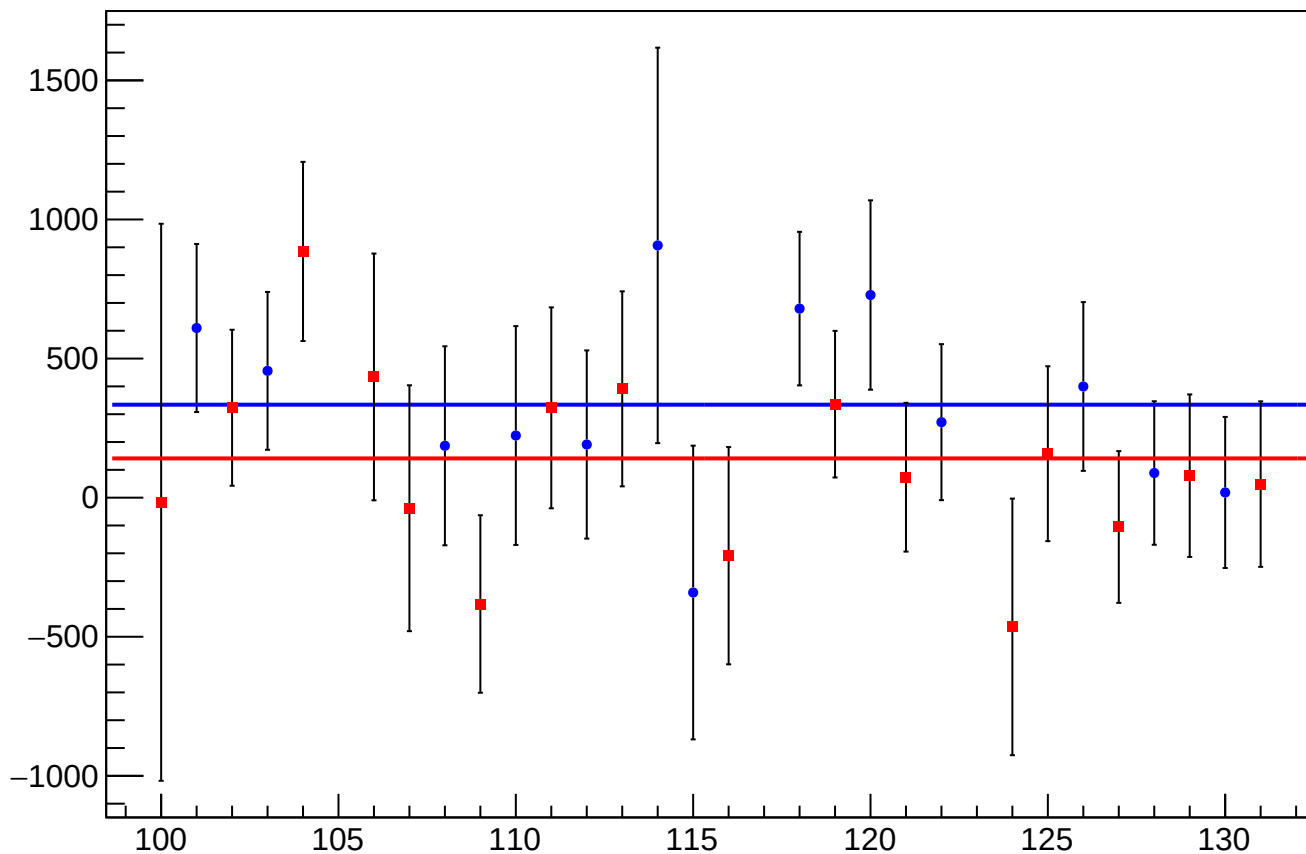
Right: 2656.932+/-0.551 χ^2/NDF : 311579.7/28

In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2656.932+/-0.551 χ^2/NDF : 311579.7/28

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 334.215 $\pm$ 89.121 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 141.094 $\pm$ 82.924 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

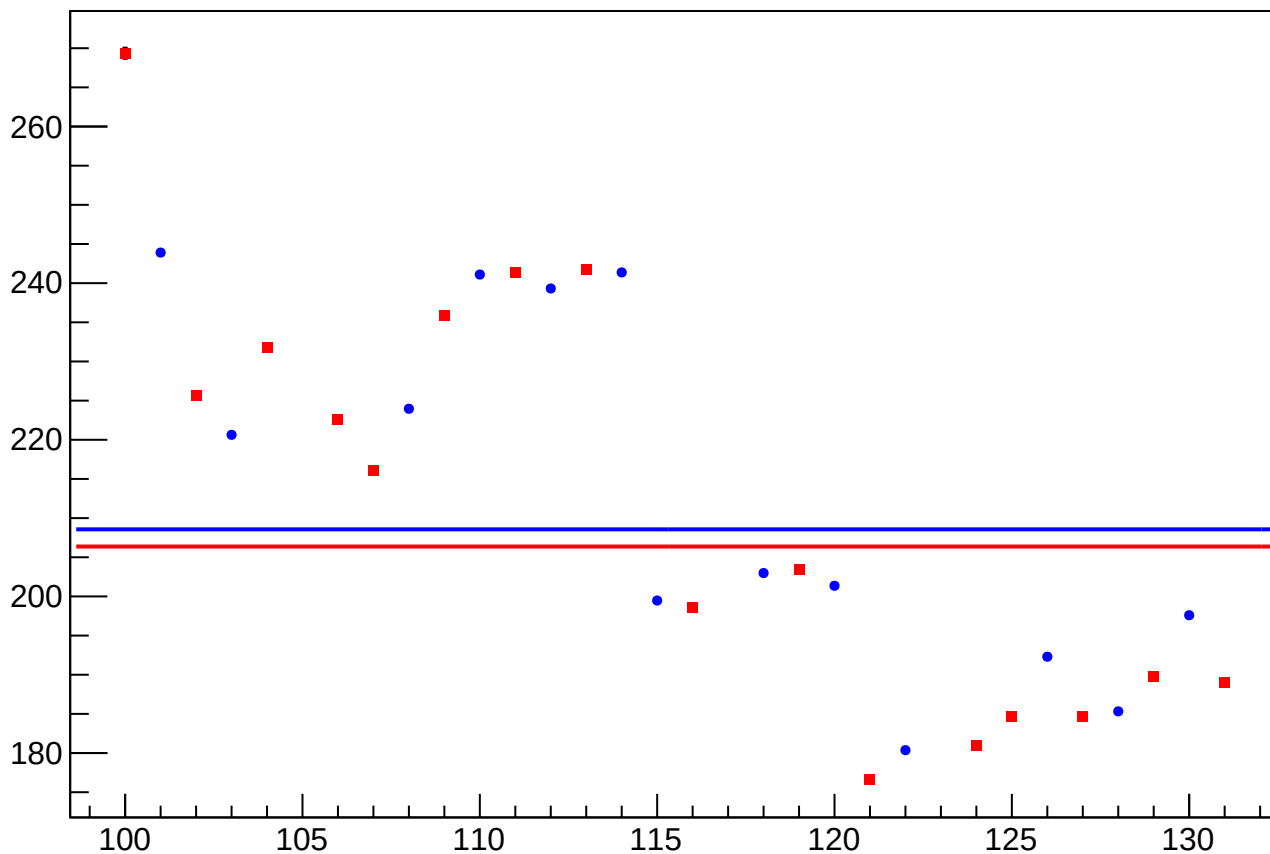
Right: 230.708 $\pm$ 60.709 χ^2 /NDF: 25.4/28

In: 334.215 $\pm$ 89.121 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 230.708 $\pm$ 60.709 χ^2 /NDF: 25.4/28

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.371+/-0.059 χ^2/NDF : 157055.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

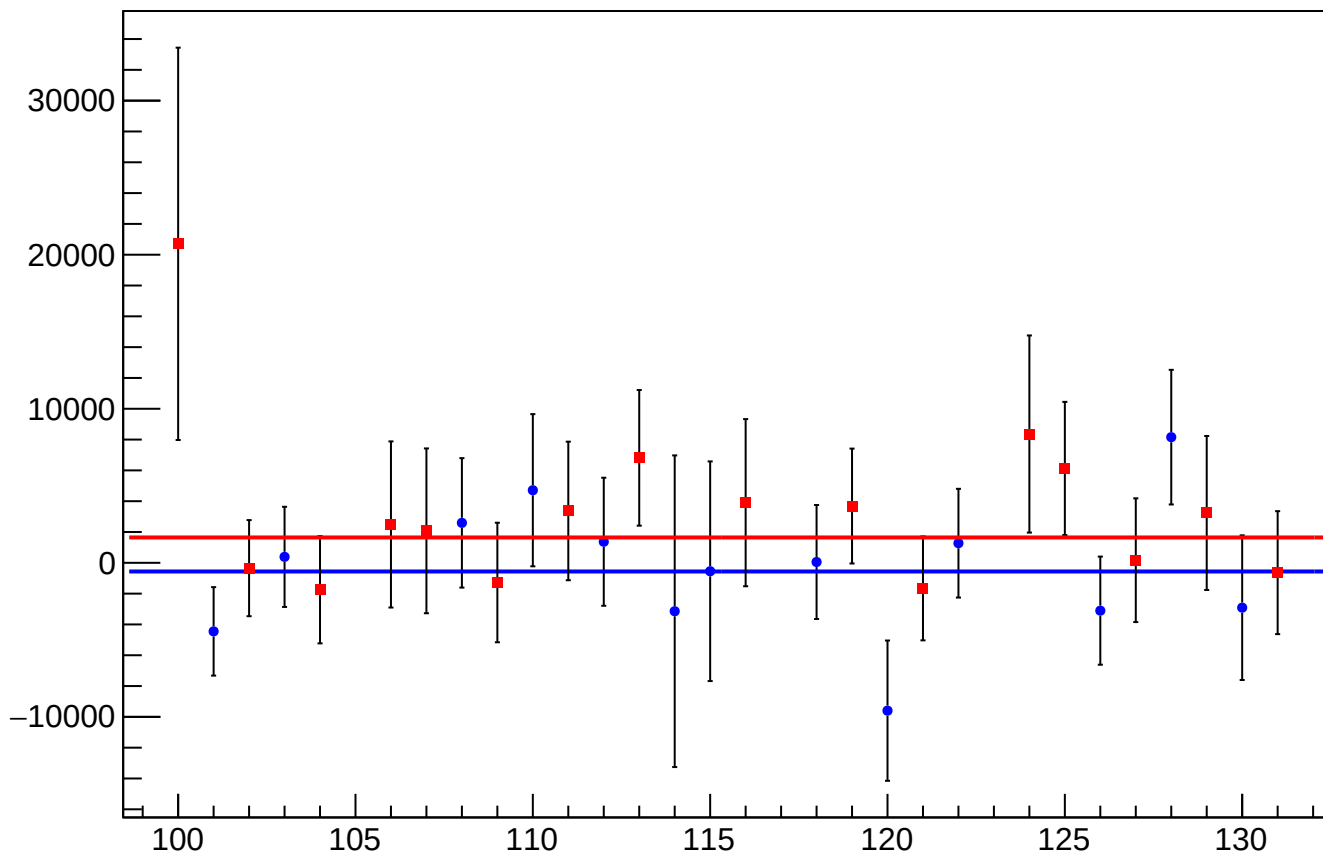
Right: 207.389+/-0.043 χ^2/NDF : 274638.2/28

In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.389+/-0.043 χ^2/NDF : 274638.2/28

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.147+/-1075.391 χ^2/NDF : 9.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

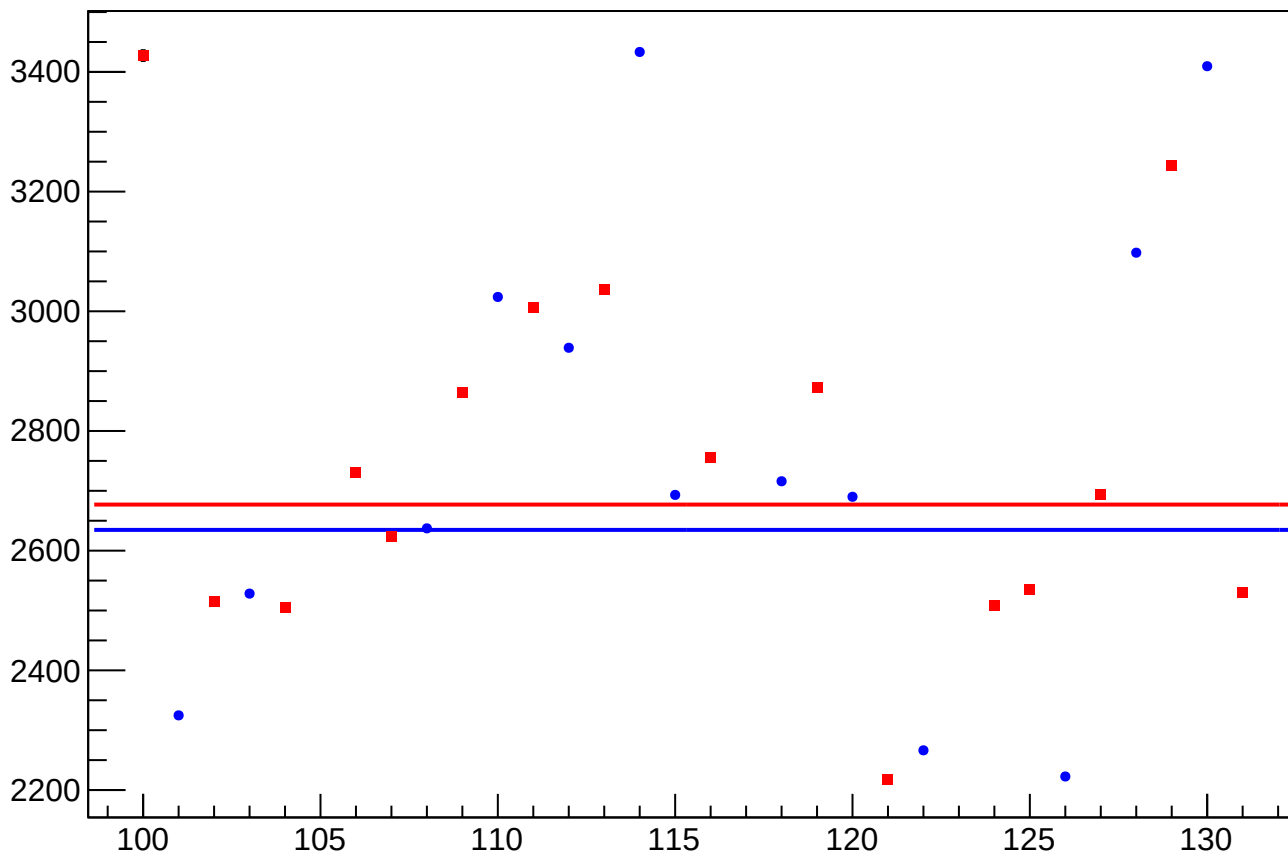
Right: 597.765+/-779.419 χ^2/NDF : 24.8/28

In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.765+/-779.419 χ^2/NDF : 24.8/28

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2677.025+/-0.760 χ^2/NDF : 121353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

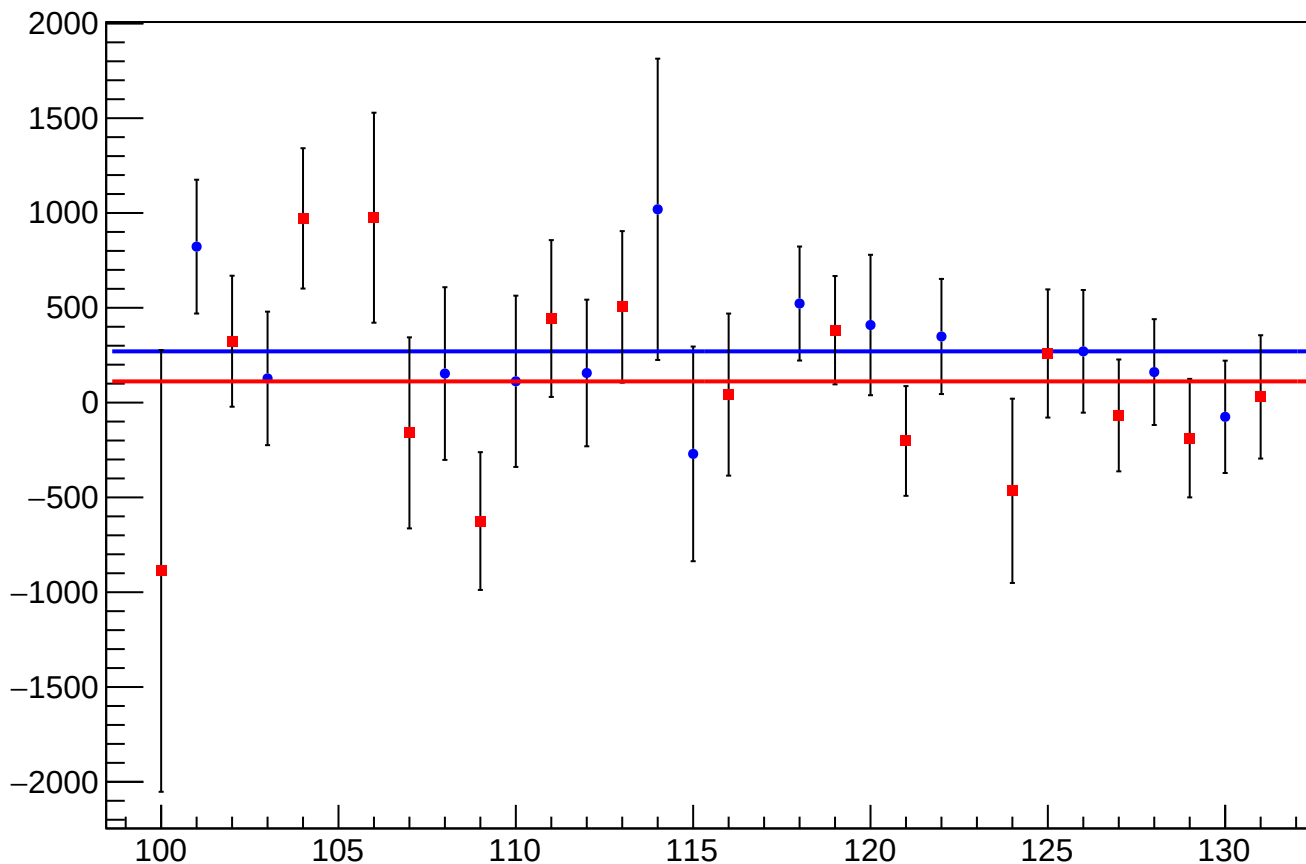
Right: 2656.932+/-0.551 χ^2/NDF : 311579.7/28

In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2656.932+/-0.551 χ^2/NDF : 311579.7/28

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 270.241 $\pm$ 99.888 χ^2 /NDF: 7.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.805 $\pm$ 92.388 χ^2 /NDF: 20.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

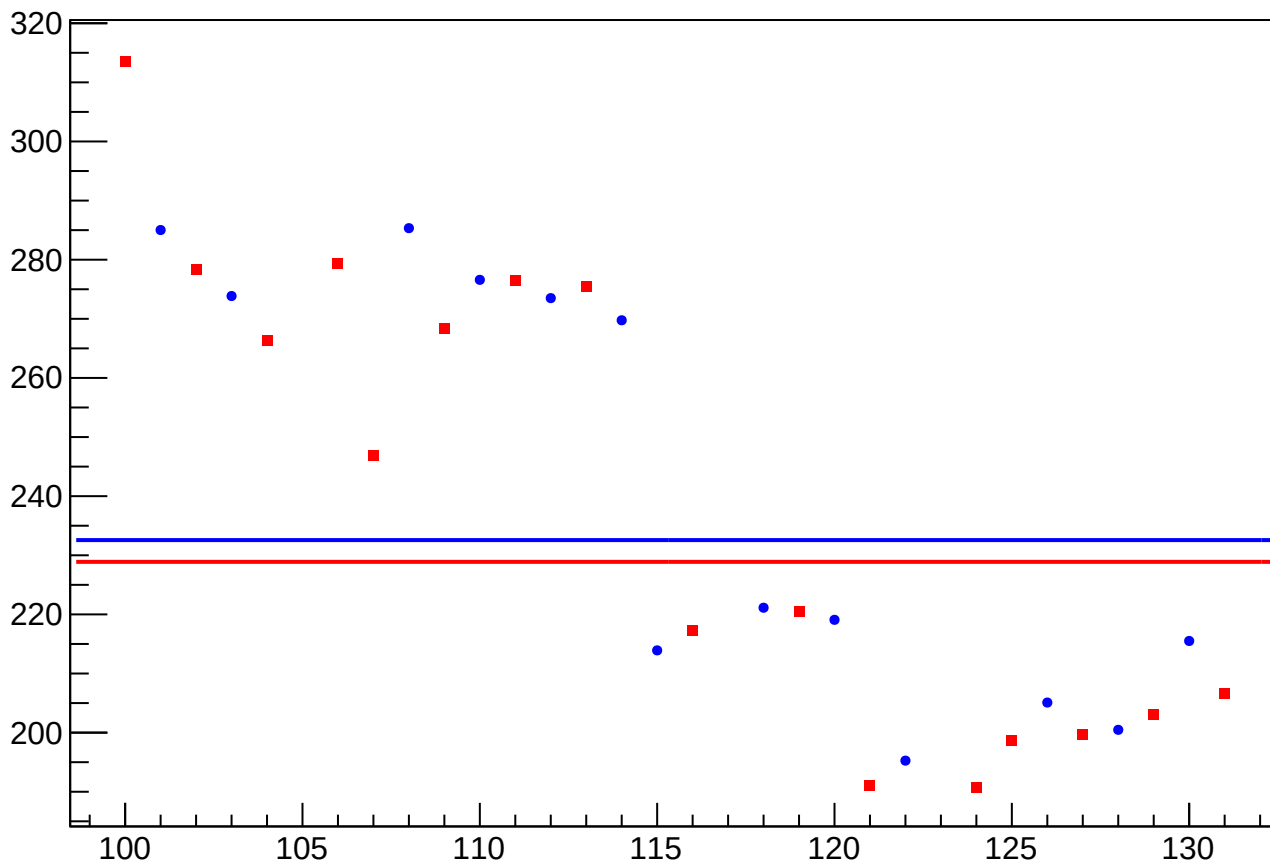
Right: 184.853 $\pm$ 67.825 χ^2 /NDF: 28.5/28

In: 270.241 $\pm$ 99.888 χ^2 /NDF:7.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.853 $\pm$ 67.825 χ^2 /NDF: 28.5/28

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 232.570+/-0.071 χ^2/NDF : 229781.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.890+/-0.065 χ^2/NDF : 276795.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

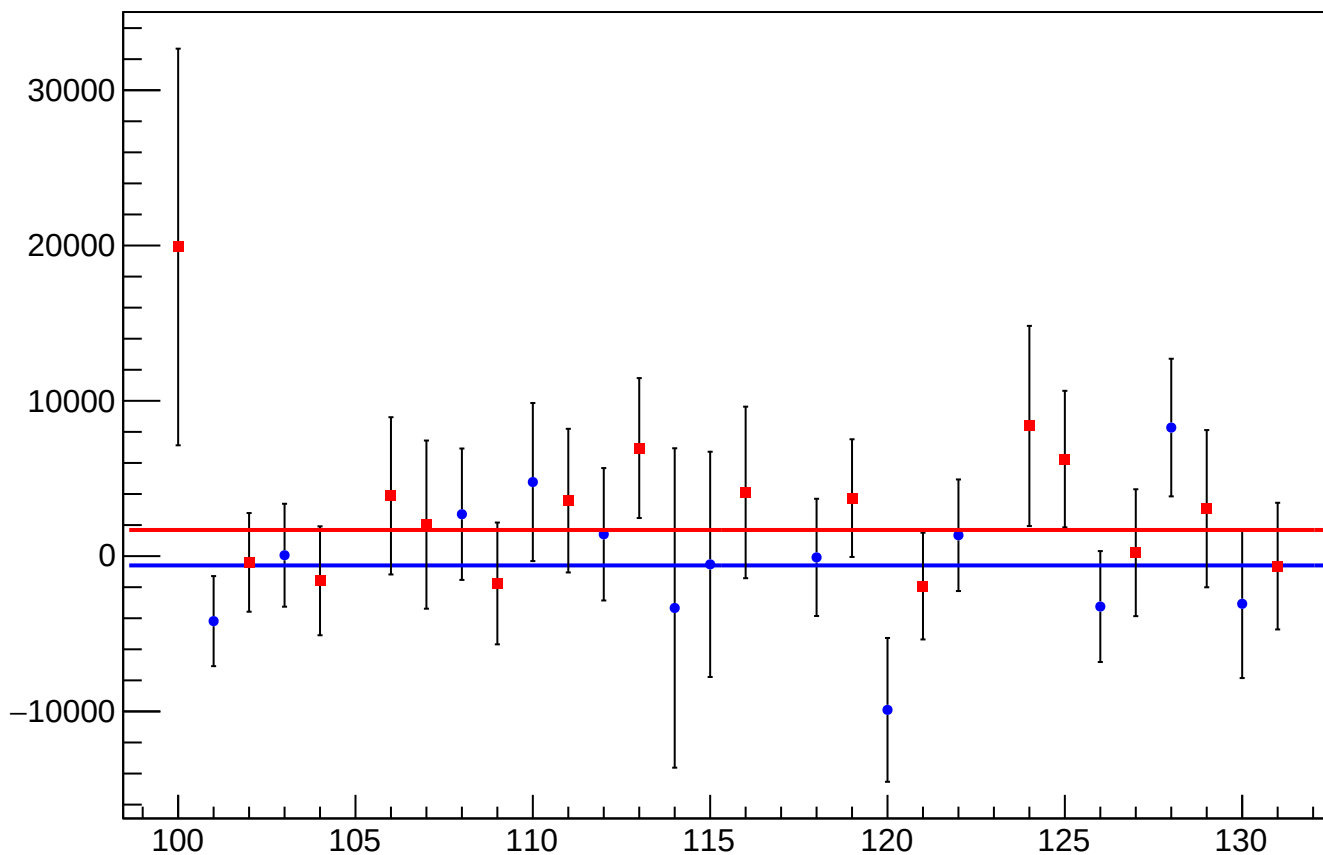
Right: 230.587+/-0.048 χ^2/NDF : 508040.1/28

In: 232.570+/-0.071 χ^2/NDF : 229781.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.587+/-0.048 χ^2/NDF : 508040.1/28

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -598.398+/-1150.611 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.202+/-1089.260 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

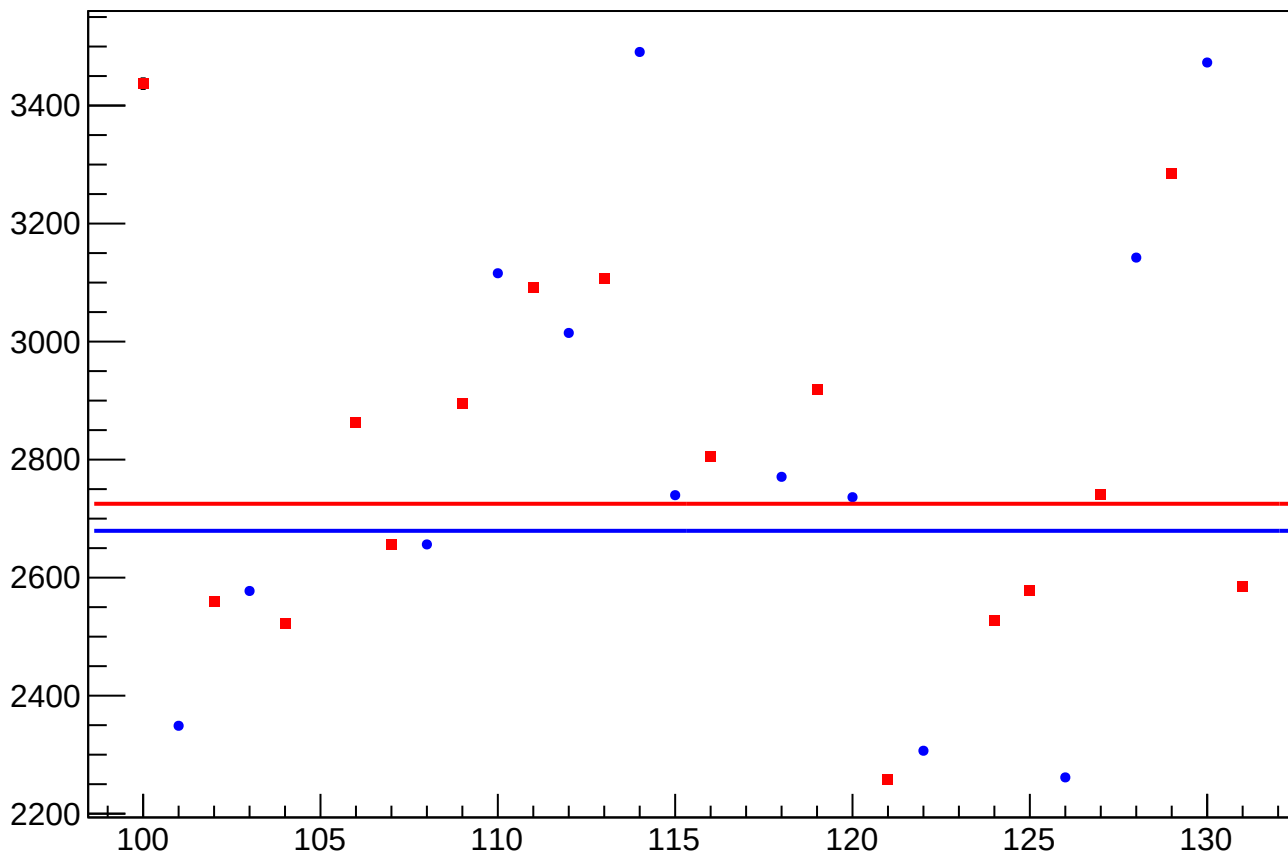
Right: 605.377+/-791.023 χ^2/NDF : 24.9/28

In: -598.398+/-1150.611 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.377+/-791.023 χ^2/NDF : 24.9/28

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2679.340+/-0.814 χ^2/NDF : 194887.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.166+/-0.770 χ^2/NDF : 124269.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

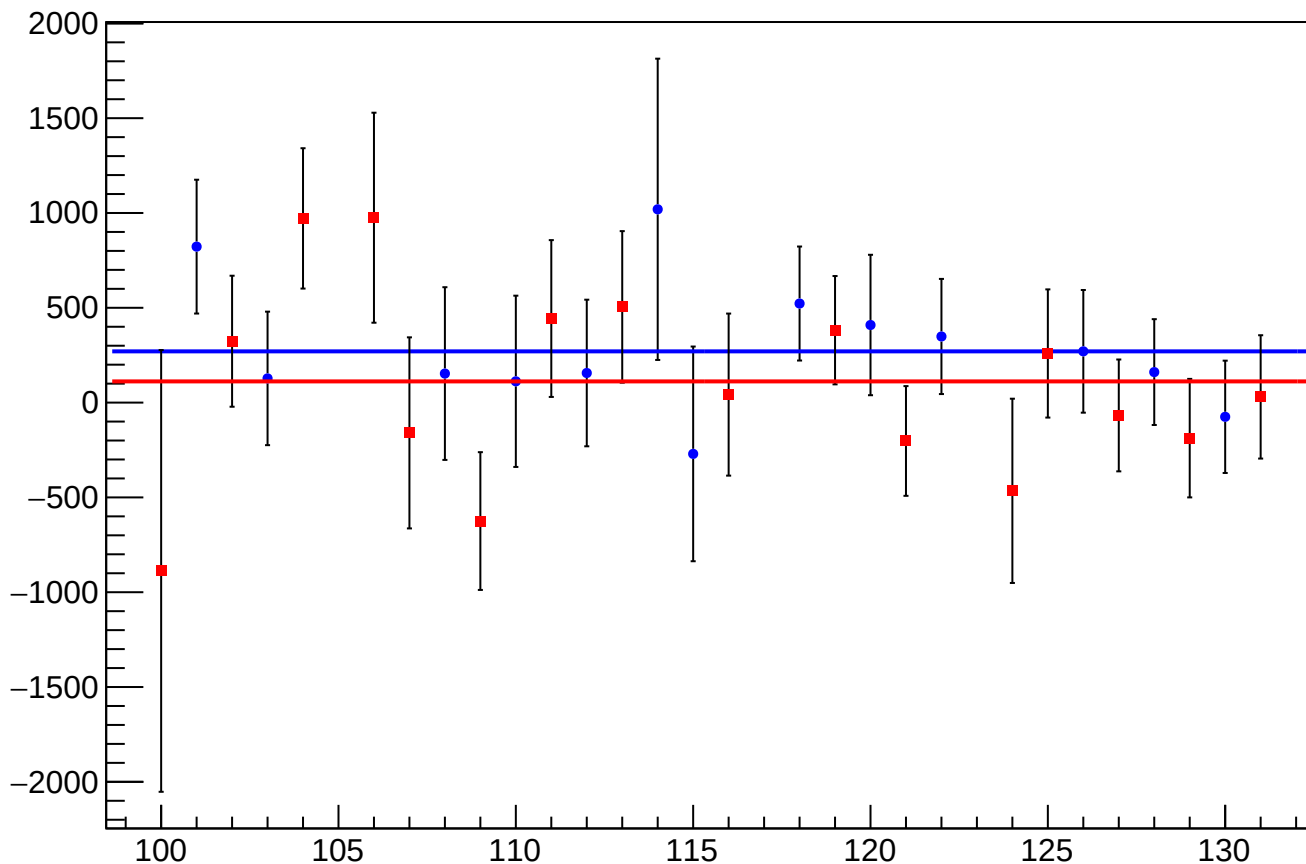
Right: 2703.507+/-0.559 χ^2/NDF : 320829.4/28

In: 2679.340+/-0.814 χ^2/NDF : 194887.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2703.507+/-0.559 χ^2/NDF : 320829.4/28

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 270.238 $\pm$ 99.887 χ^2 /NDF: 7.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.801 $\pm$ 92.388 χ^2 /NDF: 20.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

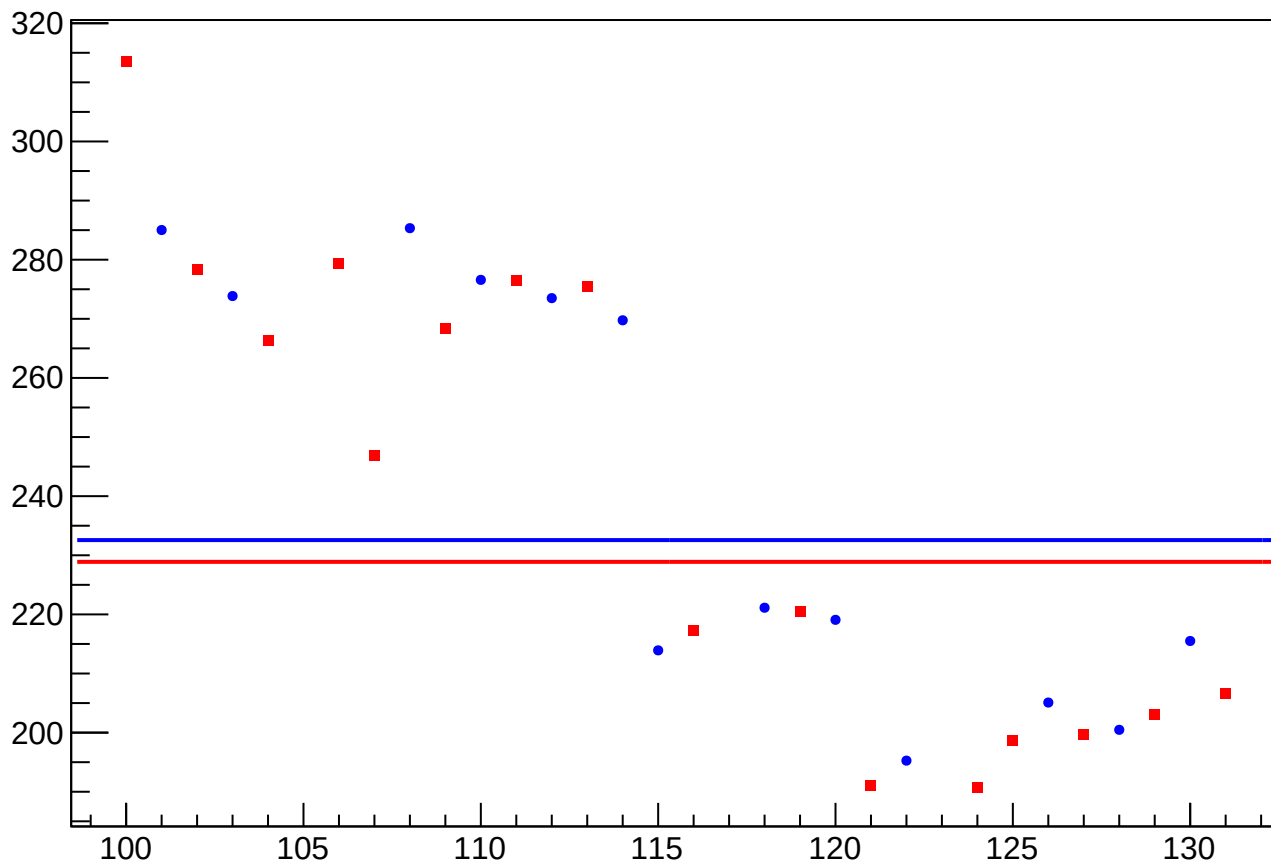
Right: 184.849 $\pm$ 67.824 χ^2 /NDF: 28.5/28

In: 270.238 $\pm$ 99.887 χ^2 /NDF:7.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.849 $\pm$ 67.824 χ^2 /NDF: 28.5/28

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 232.569+/-0.071 χ^2/NDF : 229780.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.889+/-0.065 χ^2/NDF : 276791.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

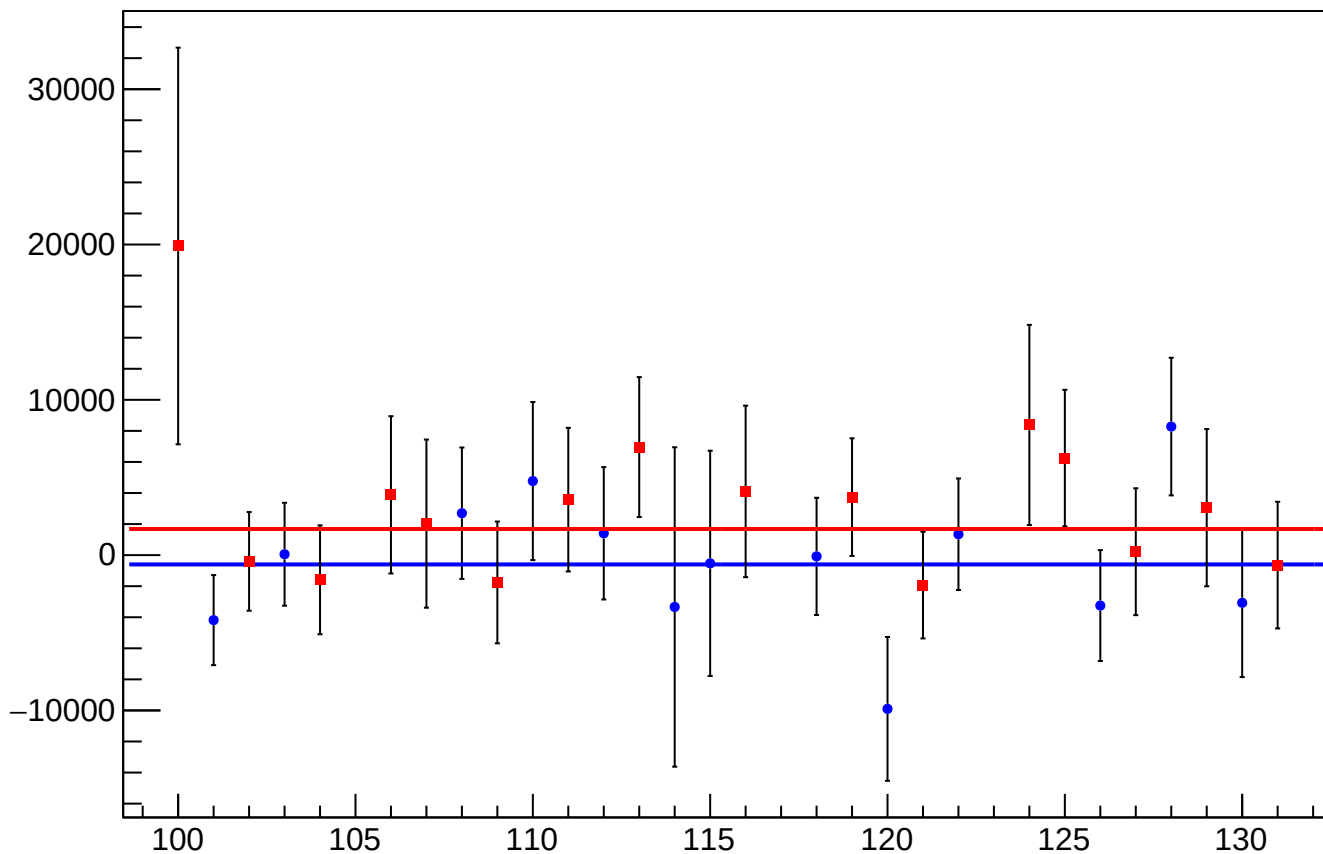
Right: 230.585+/-0.048 χ^2/NDF : 508034.5/28

In: 232.569+/-0.071 χ^2/NDF : 229780.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.585+/-0.048 χ^2/NDF : 508034.5/28

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -598.396+/-1150.609 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.197+/-1089.257 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

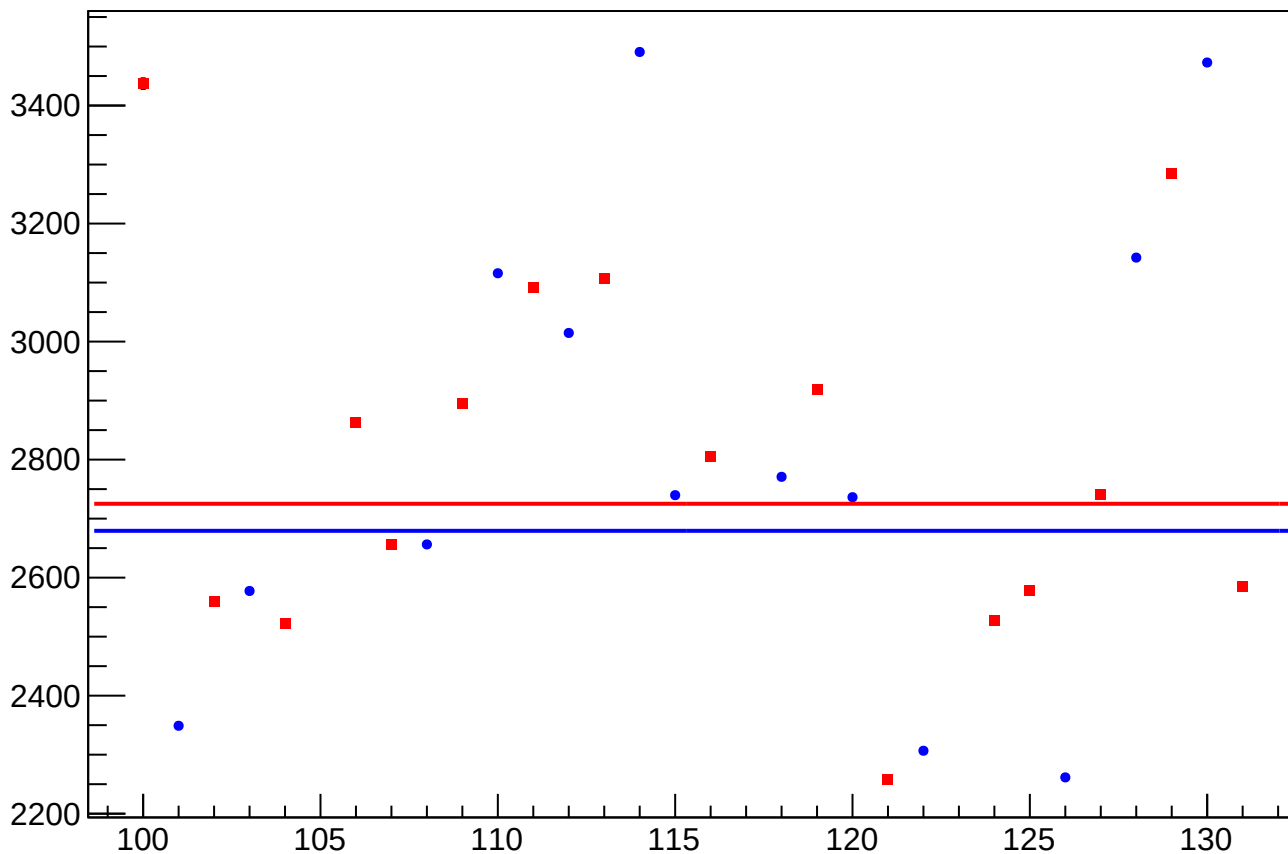
Right: 605.376+/-791.021 χ^2/NDF : 24.9/28

In: -598.396+/-1150.609 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.376+/-791.021 χ^2/NDF : 24.9/28

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2679.334+/-0.814 χ^2/NDF : 194883.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.160+/-0.770 χ^2/NDF : 124267.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

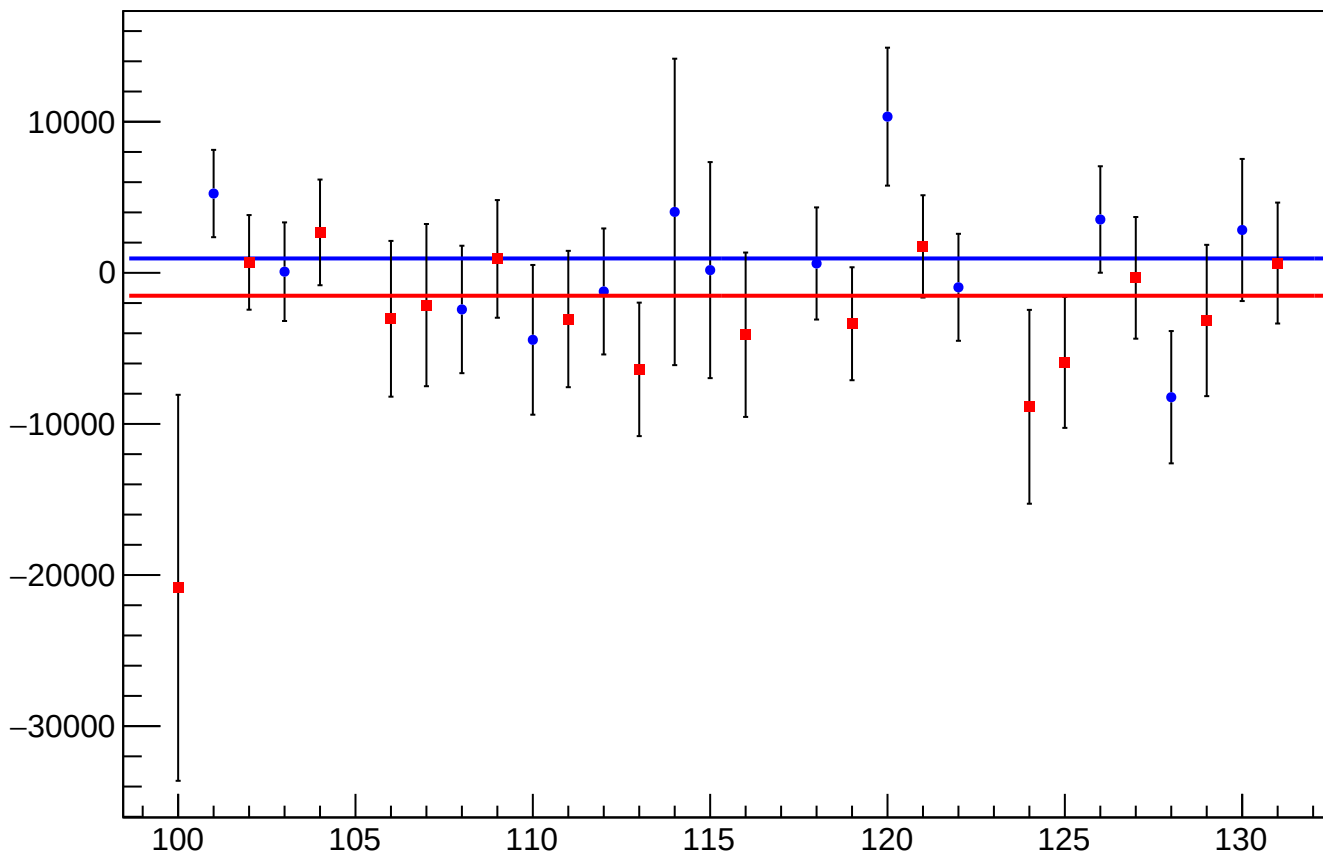
Right: 2703.501+/-0.559 χ^2/NDF : 320823.5/28

In: 2679.334+/-0.814 χ^2/NDF : 194883.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2703.501+/-0.559 χ^2/NDF : 320823.5/28

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 951.997 $\pm$ 1135.364 χ^2 /NDF: 14.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1515.496 $\pm$ 1076.605 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

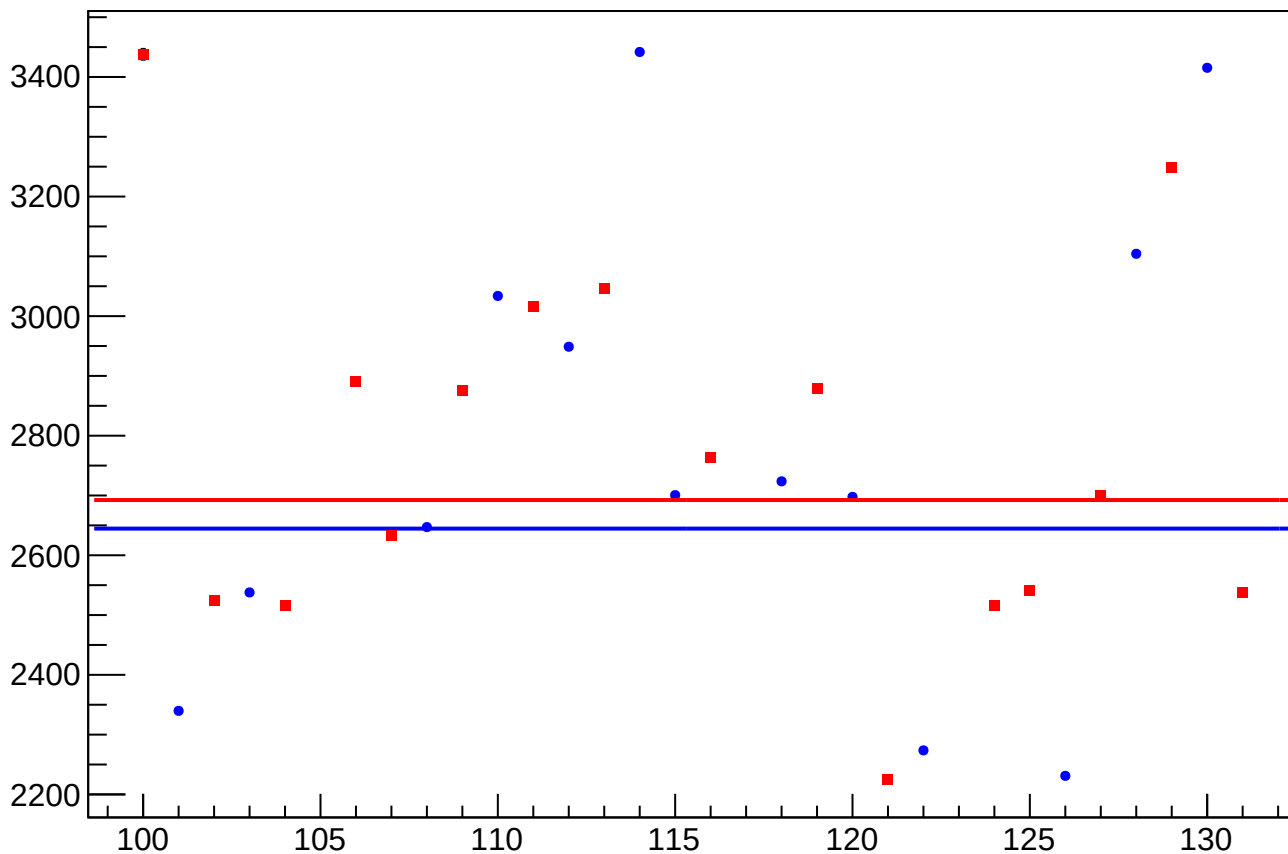
Right: -347.250 $\pm$ 781.222 χ^2 /NDF: 26.9/28

In: 951.997 $\pm$ 1135.364 χ^2 /NDF:14.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -347.250 $\pm$ 781.222 χ^2 /NDF: 26.9/28

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2644.618+/-0.803 χ^2/NDF : 186319.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2692.397+/-0.761 χ^2/NDF : 123597.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

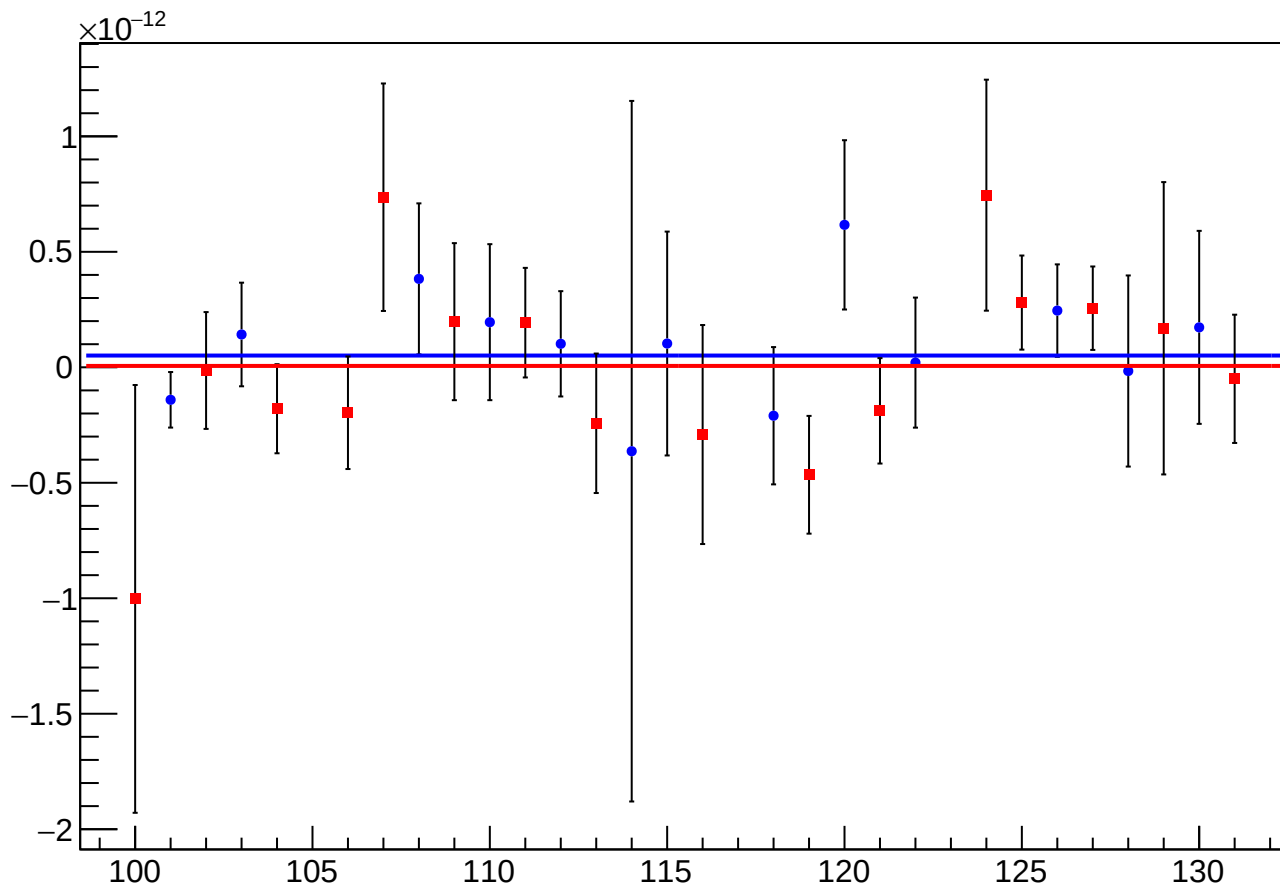
Right: 2669.776+/-0.552 χ^2/NDF : 311781.6/28

In: 2644.618+/-0.803 χ^2/NDF : 186319.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2669.776+/-0.552 χ^2/NDF : 311781.6/28

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

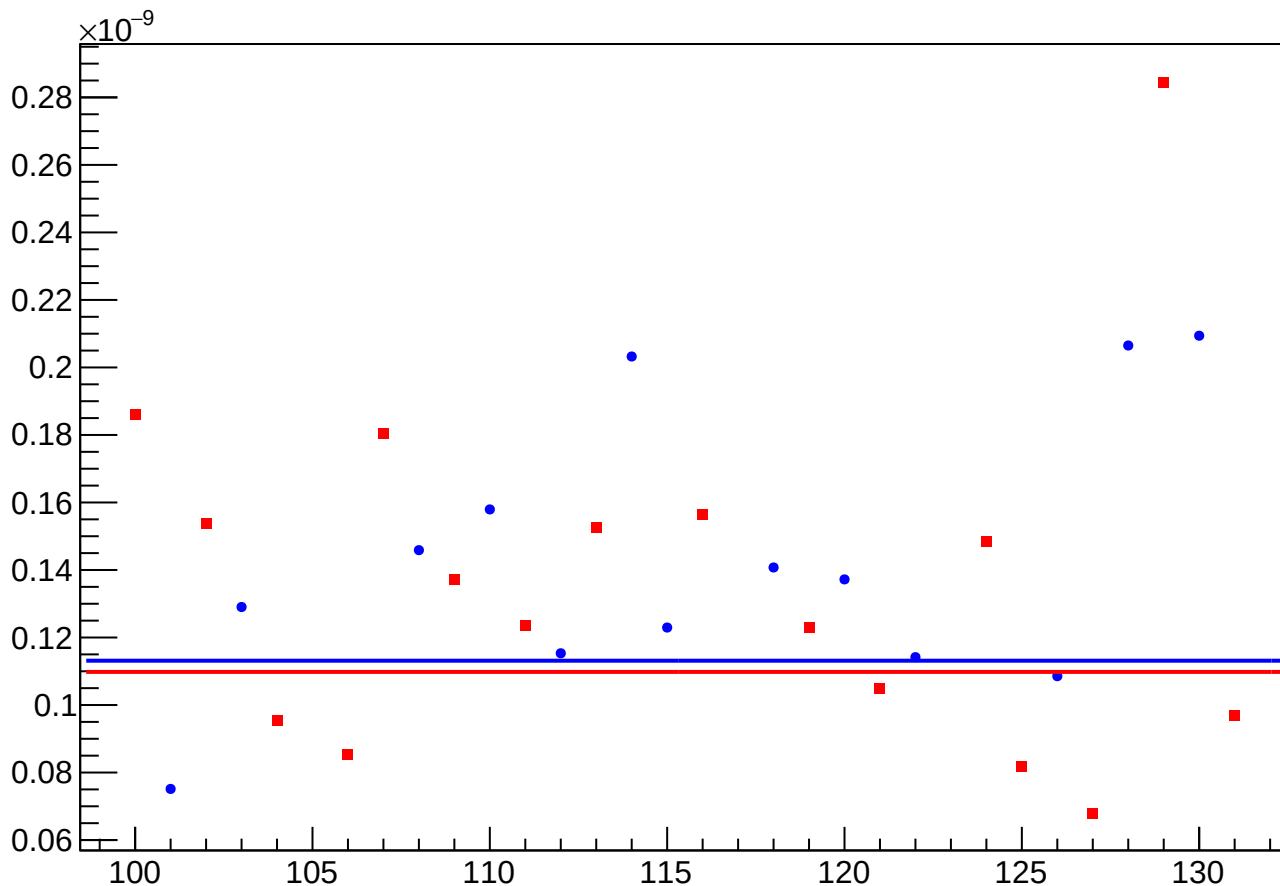
Right: 0.000+/-0.000 χ^2/NDF : 25.7/28

In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.7/28

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 507937.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 545826.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

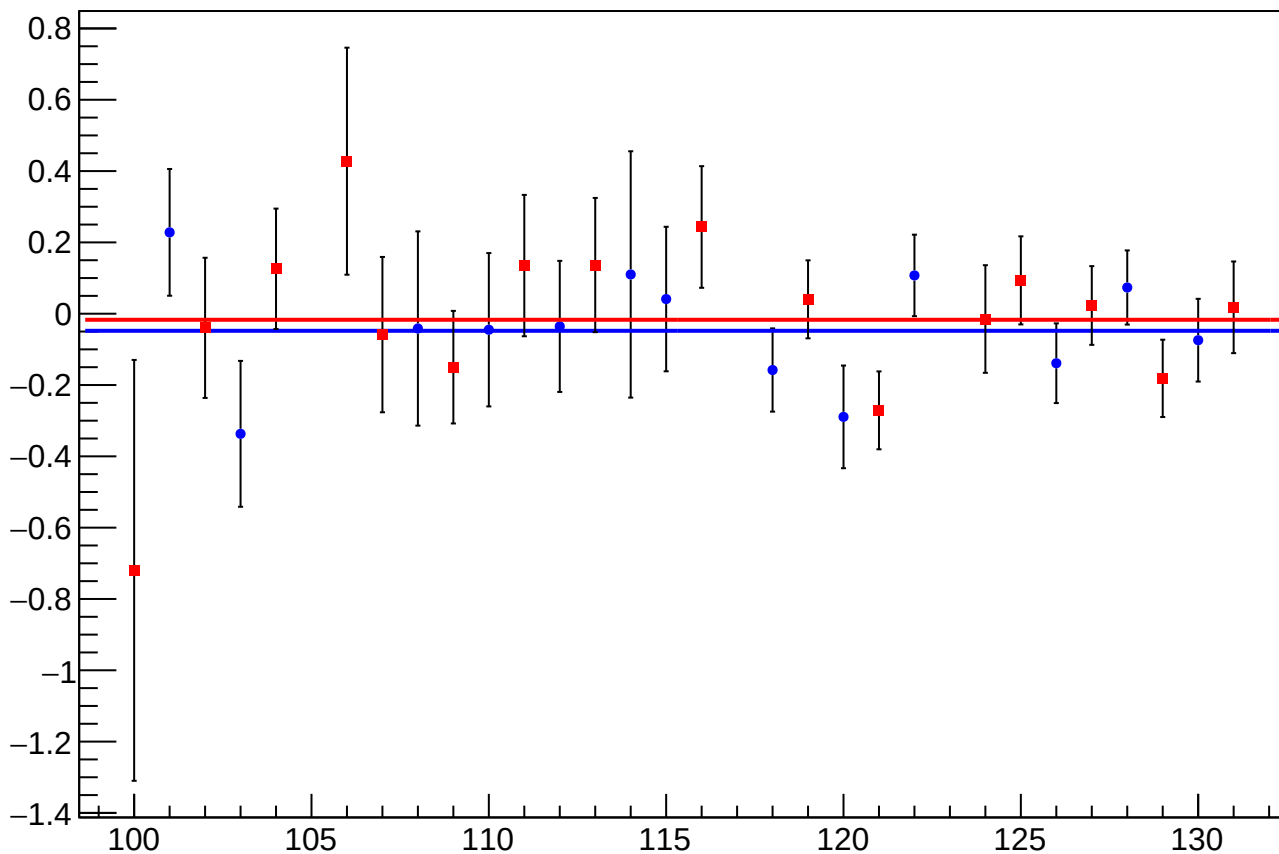
Right: 0.000+/-0.000 χ^2/NDF : 1056044.2/28

In: 0.000+/-0.000 χ^2/NDF : 507937.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1056044.2/28

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.037 χ^2/NDF : 17.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

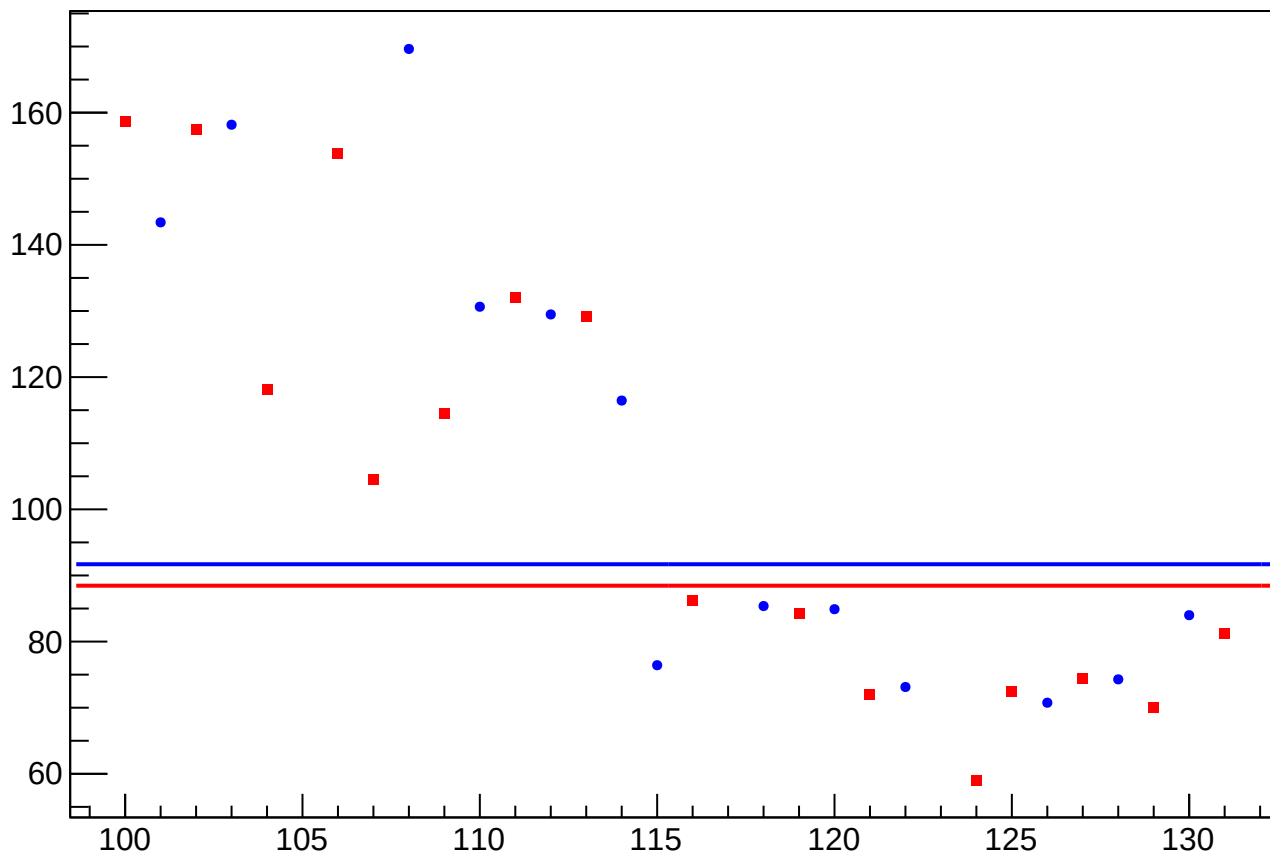
Right: -0.031+/-0.027 χ^2/NDF : 30.2/28

In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.027 χ^2/NDF : 30.2/28

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.698 $\pm$ 0.029 χ^2 /NDF: 914014.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.452 $\pm$ 0.026 χ^2 /NDF: 931319.6/15

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

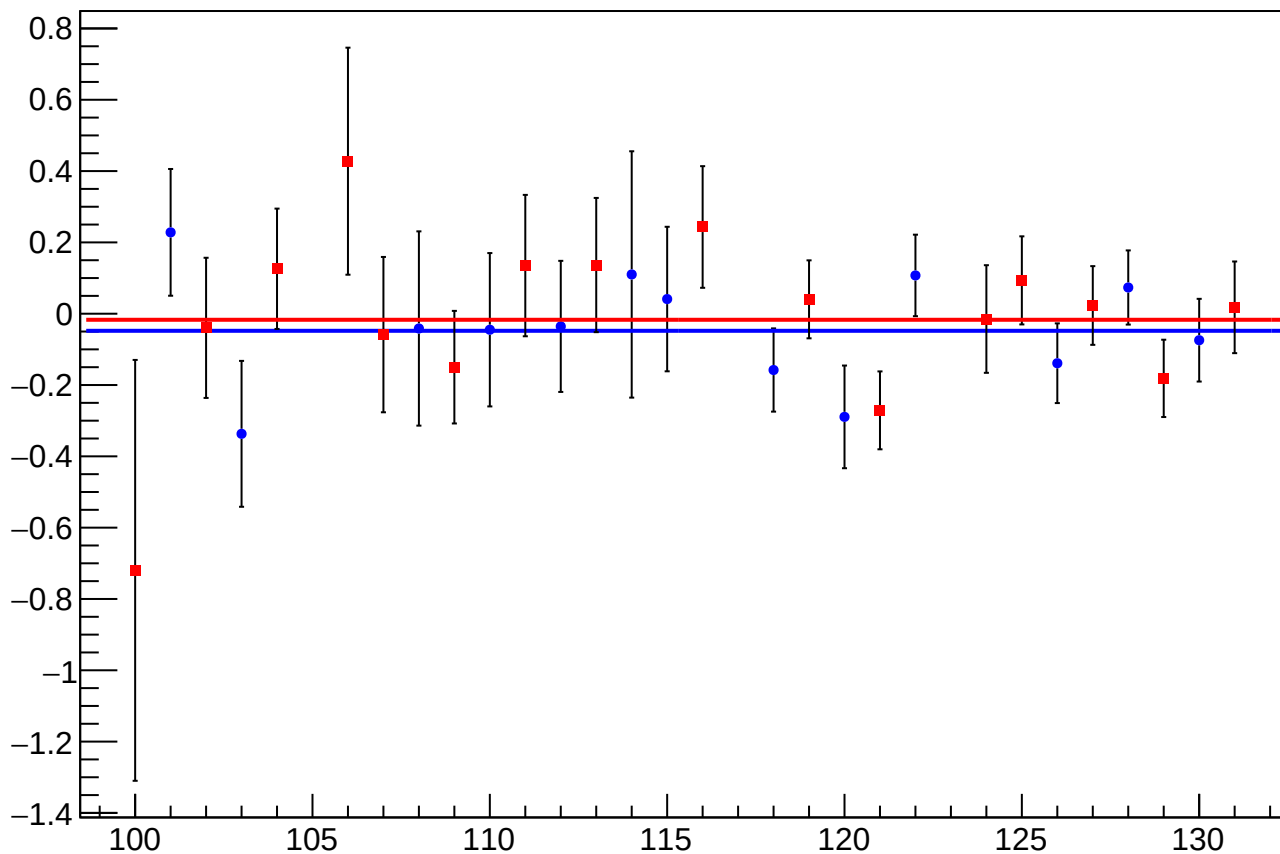
Right: 89.917 $\pm$ 0.019 χ^2 /NDF: 1852249.4/28

In: 91.698 $\pm$ 0.029 χ^2 /NDF:914014.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.917 $\pm$ 0.019 χ^2 /NDF: 1852249.4/28

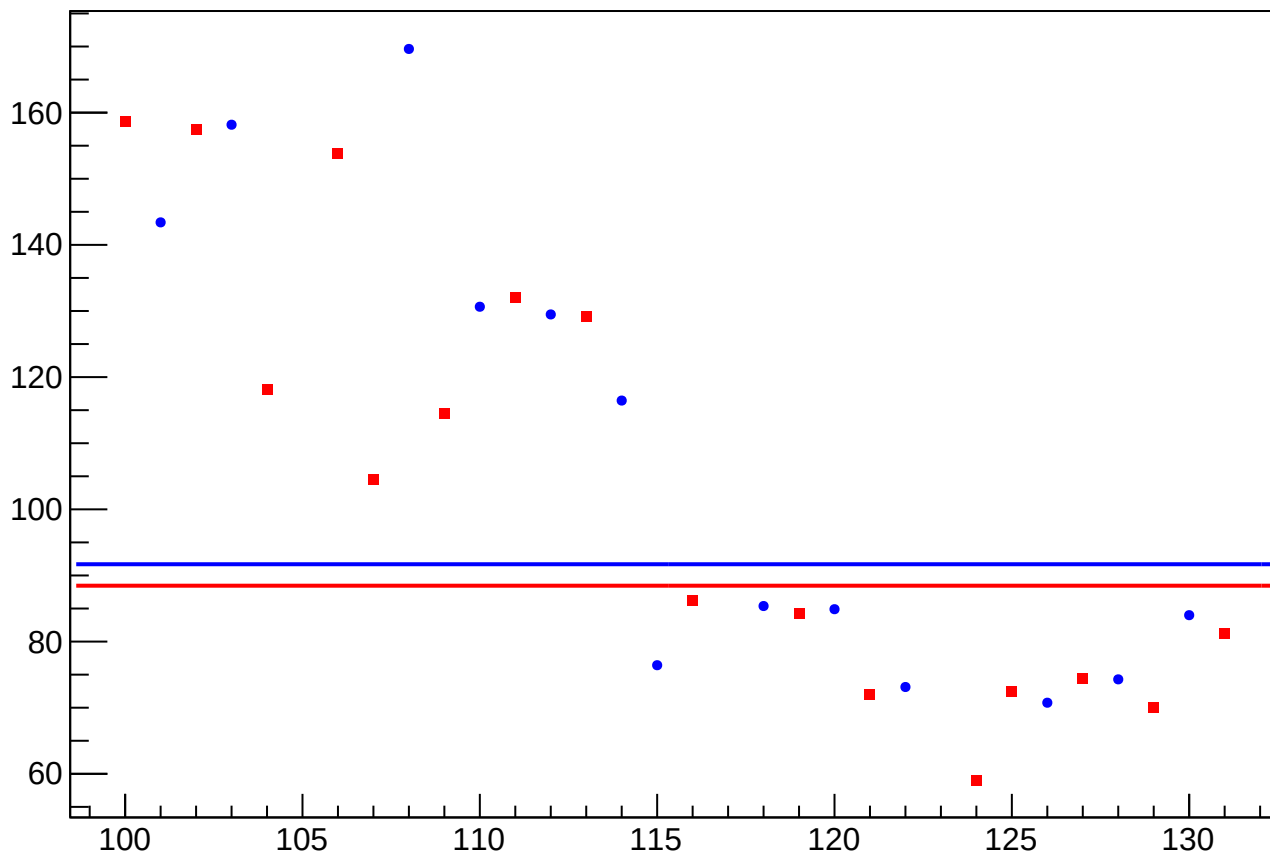
asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.041 χ^2/NDF : 12.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.017+/-0.037 χ^2/NDF : 17.4/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.031+/-0.027 χ^2/NDF : 30.2/28
 In: -0.048+/-0.041 χ^2/NDF : 12.4/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.031+/-0.027 χ^2/NDF : 30.2/28

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.698 $\pm$ 0.029 χ^2 /NDF: 914014.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.452 $\pm$ 0.026 χ^2 /NDF: 931319.6/15

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

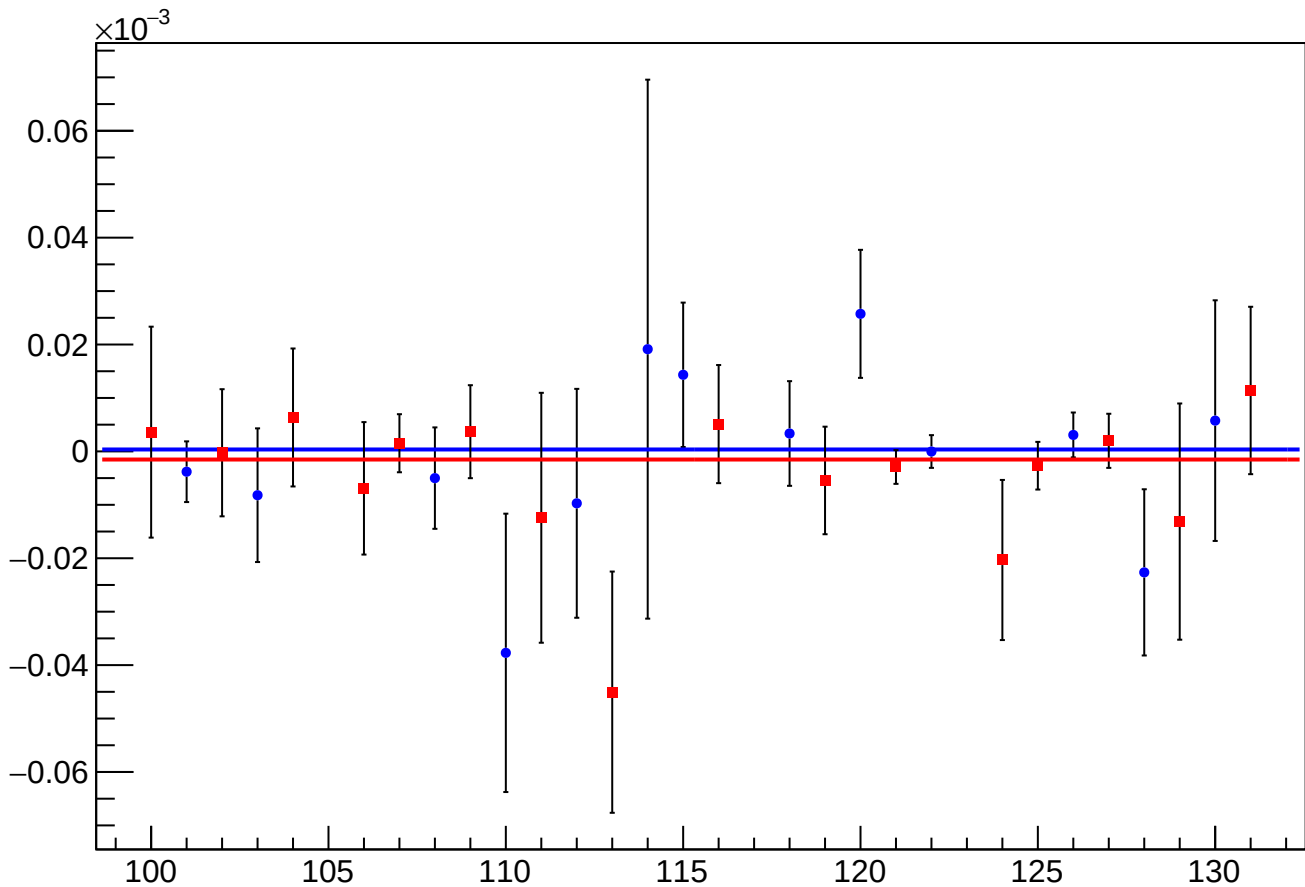
Right: 89.917 $\pm$ 0.019 χ^2 /NDF: 1852249.4/28

In: 91.698 $\pm$ 0.029 χ^2 /NDF:914014.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.917 $\pm$ 0.019 χ^2 /NDF: 1852249.4/28

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

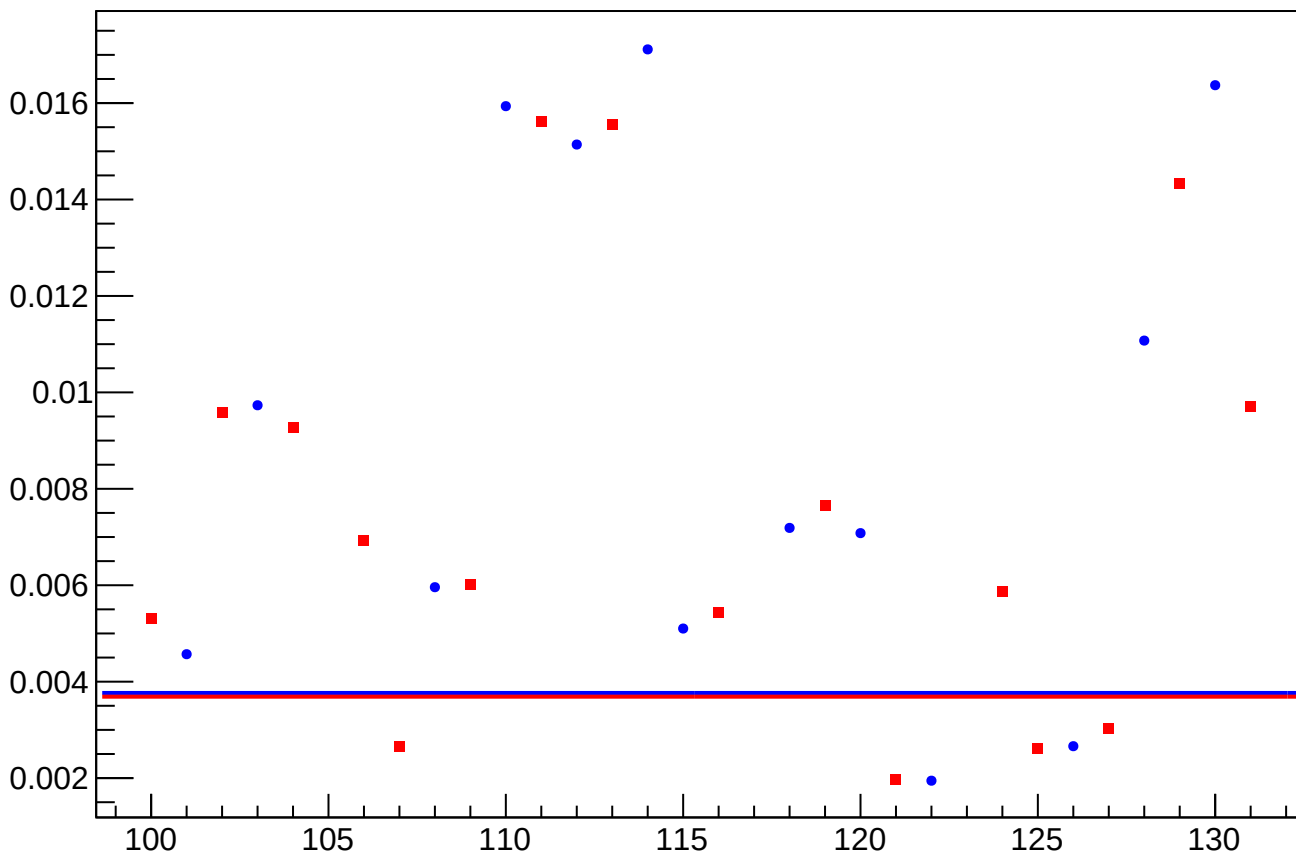
Right: -0.000+/-0.000 χ^2/NDF : 21.7/28

In: 0.000+/-0.000 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/28

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 4071658.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 4201729.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

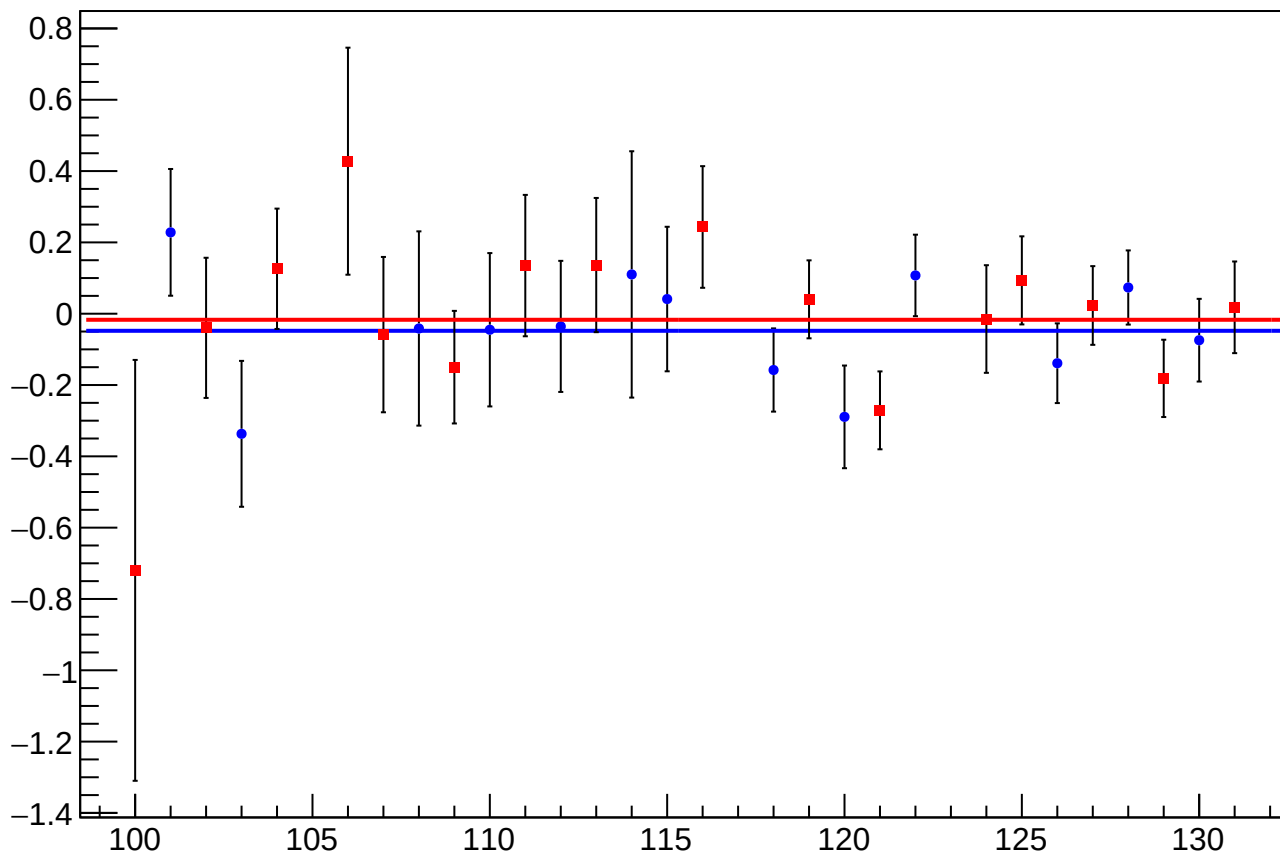
Right: 0.004+/-0.000 χ^2/NDF : 8274971.5/28

In: 0.004+/-0.000 χ^2/NDF :4071658.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8274971.5/28

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.041 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.037 χ^2/NDF : 17.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

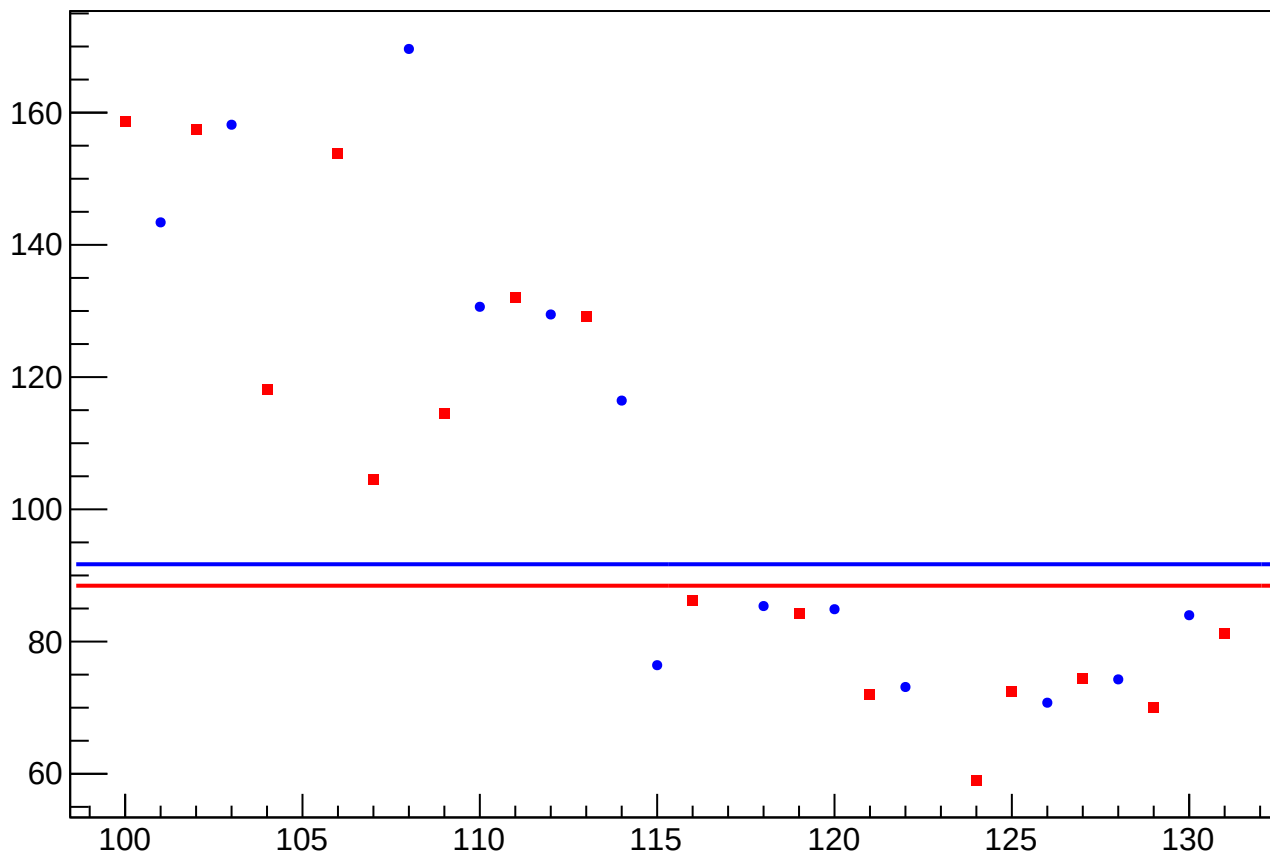
Right: -0.031 ± 0.027 χ^2/NDF : 30.2/28

In: -0.048 ± 0.041 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.027 χ^2/NDF : 30.2/28

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 88.450+/-0.026 χ^2/NDF : 931329.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

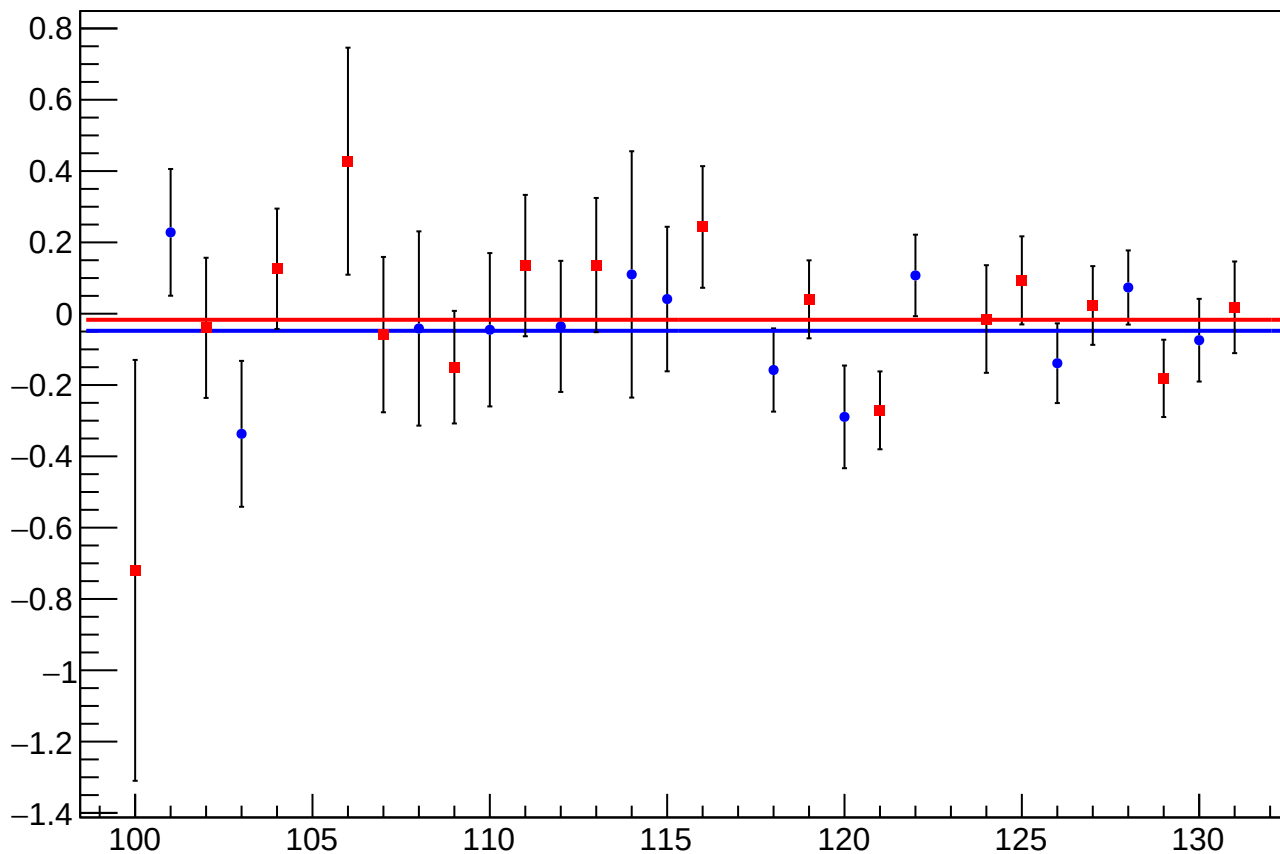
Right: 89.913+/-0.019 χ^2/NDF : 1852266.9/28

In: 91.695+/-0.029 χ^2/NDF :914024.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 89.913+/-0.019 χ^2/NDF : 1852266.9/28

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.041 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.037 χ^2/NDF : 17.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

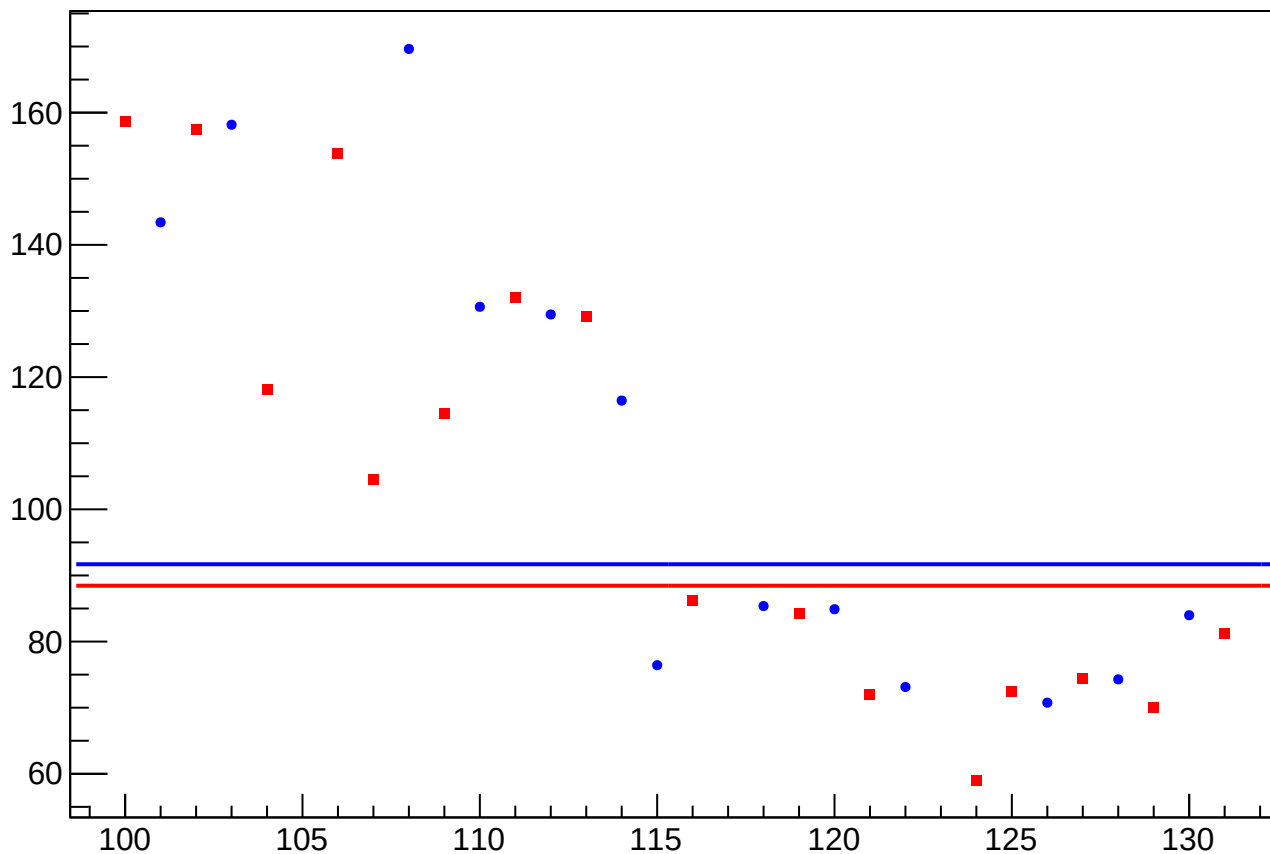
Right: -0.031 ± 0.027 χ^2/NDF : 30.2/28

In: -0.048 ± 0.041 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.027 χ^2/NDF : 30.2/28

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.450+/-0.026 χ^2/NDF : 931329.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

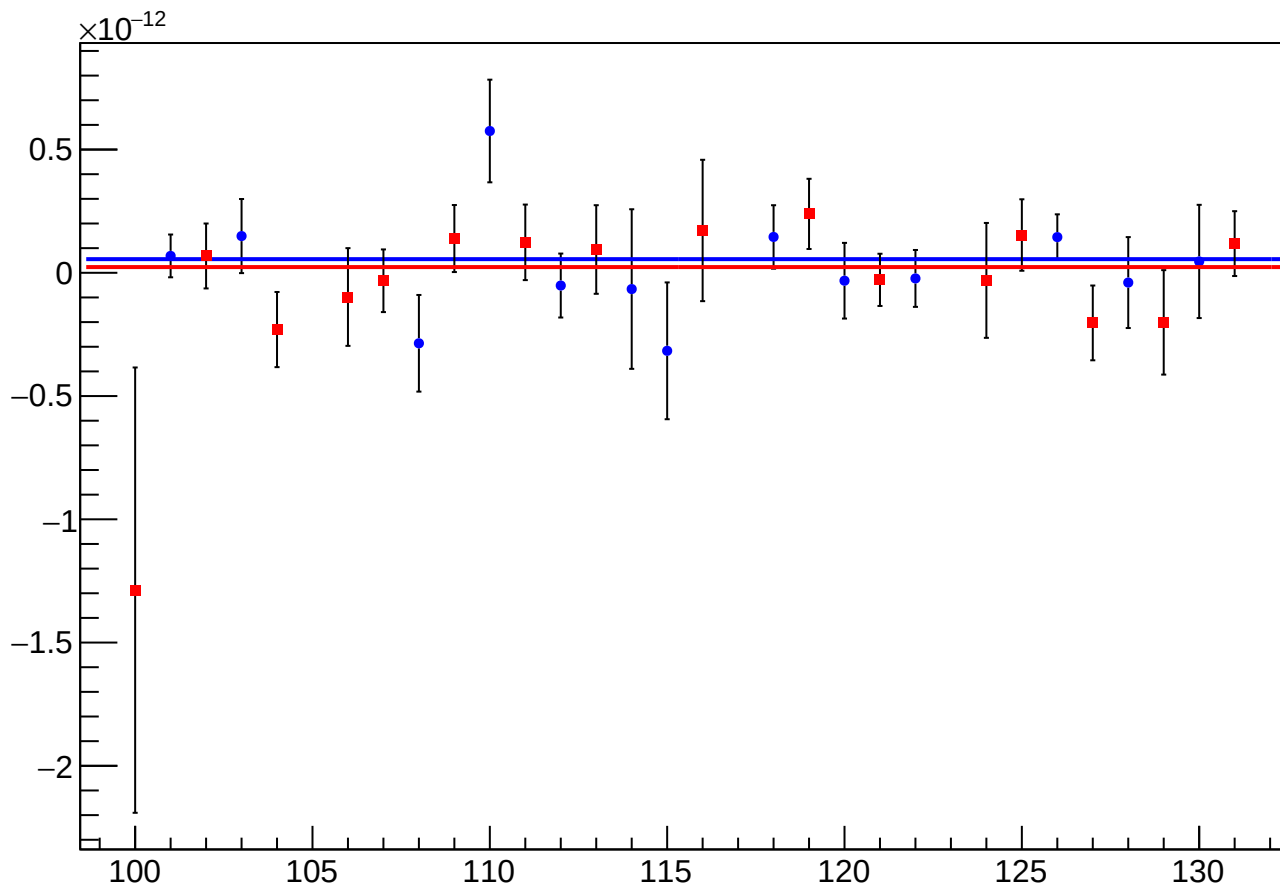
Right: 89.913+/-0.019 χ^2/NDF : 1852266.9/28

In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.913+/-0.019 χ^2/NDF : 1852266.9/28

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

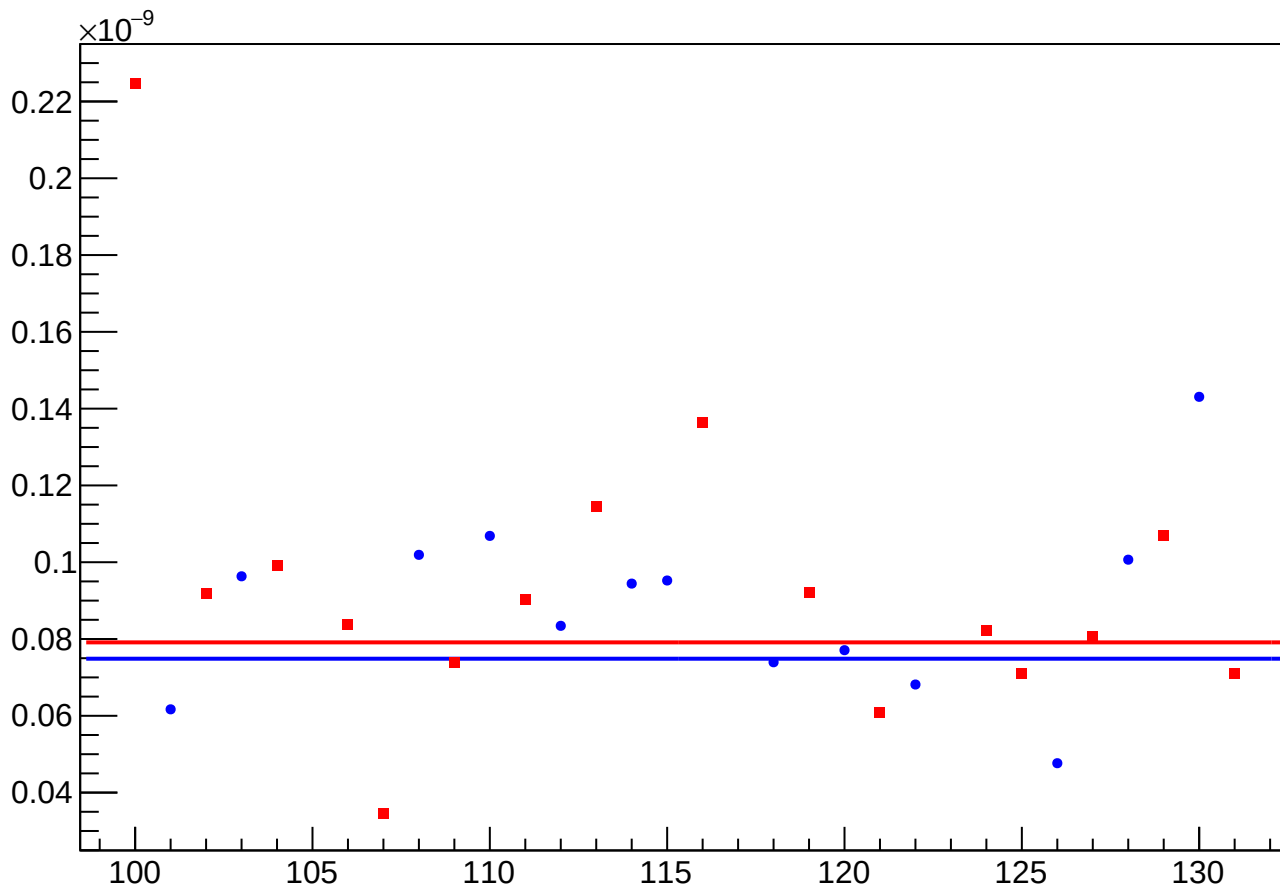
Right: 0.000+/-0.000 χ^2/NDF : 29.5/28

In: 0.000+/-0.000 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.5/28

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 595387.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 647904.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

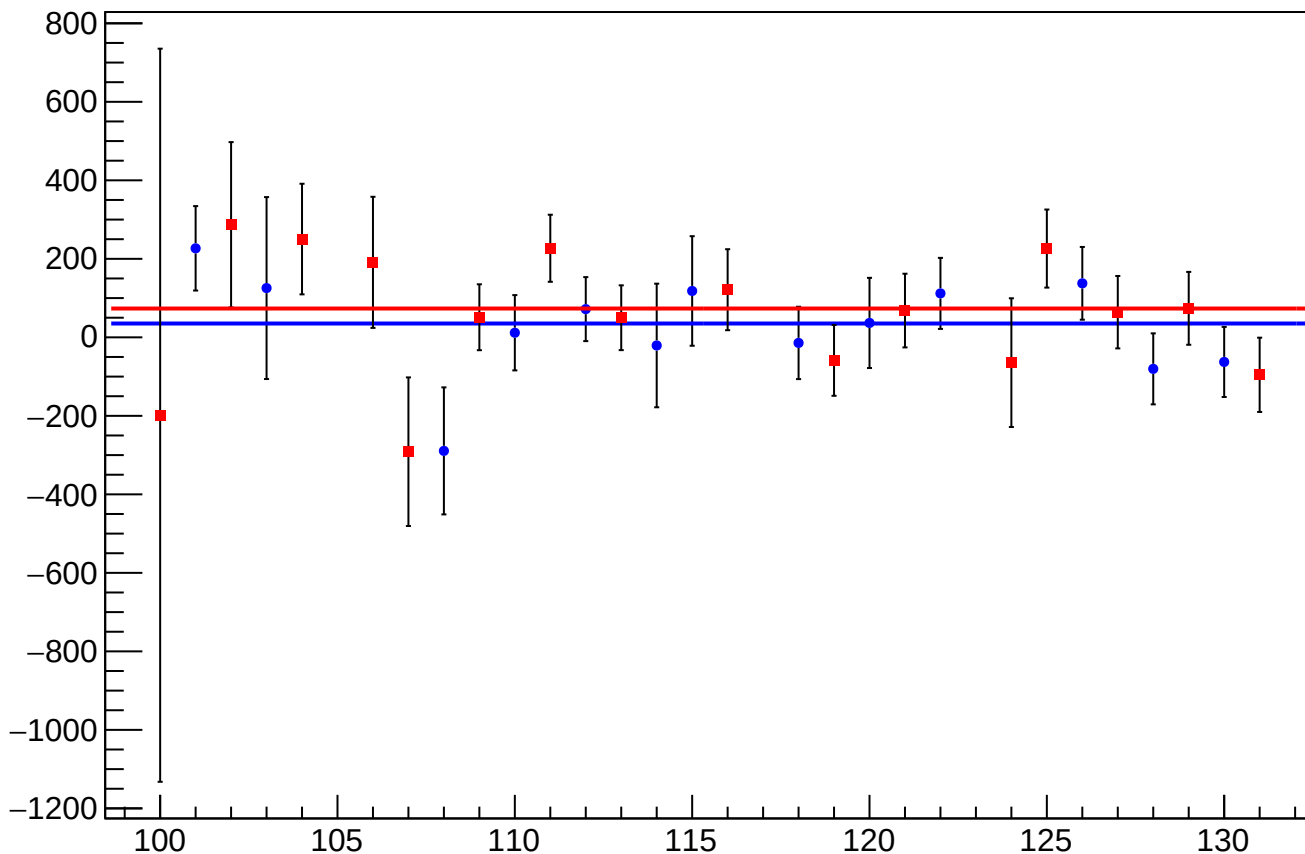
Right: 0.000+/-0.000 χ^2/NDF : 1255143.9/28

In: 0.000+/-0.000 χ^2/NDF : 595387.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1255143.9/28

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 35.228 $\pm$ 29.189 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.396 $\pm$ 26.943 χ^2 /NDF: 18.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

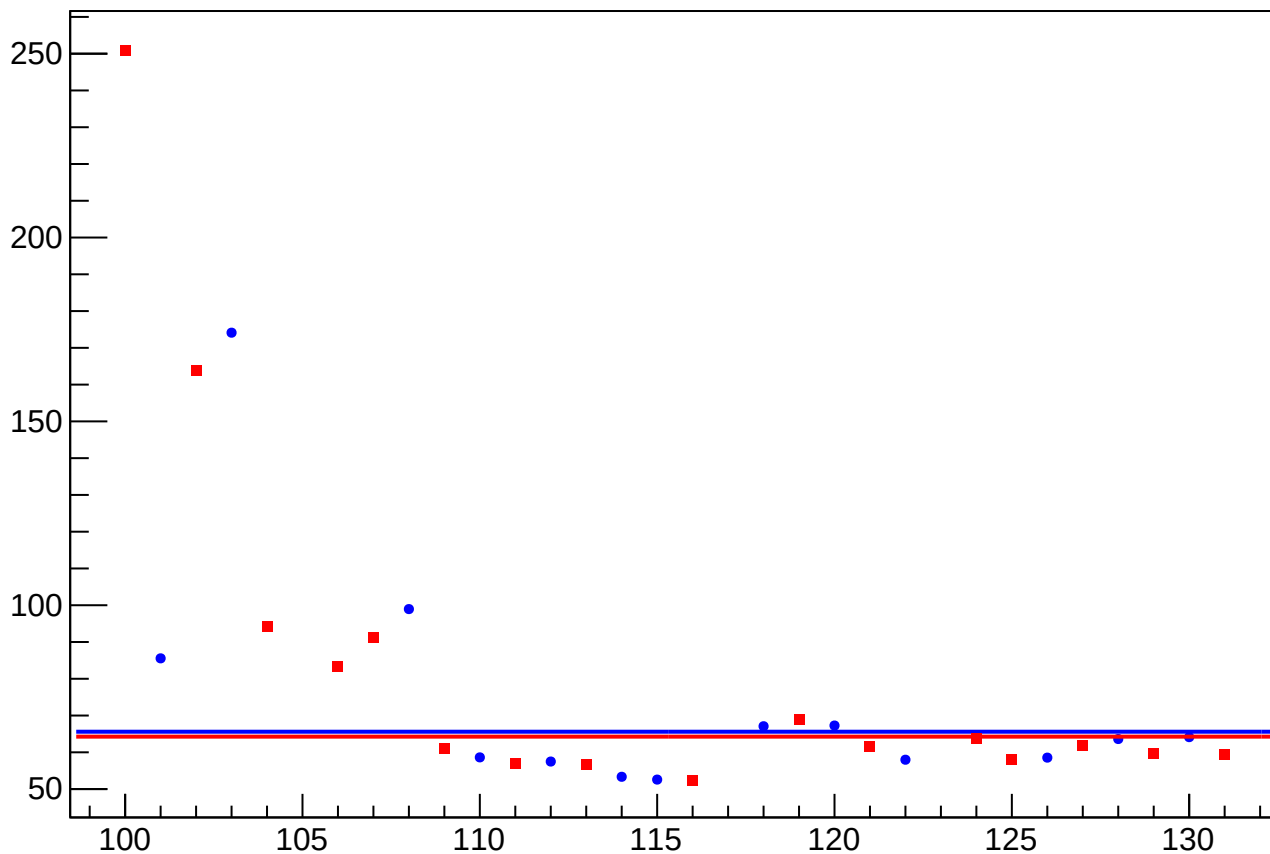
Right: 55.837 $\pm$ 19.798 χ^2 /NDF: 33.0/28

In: 35.228 $\pm$ 29.189 χ^2 /NDF:13.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.837 $\pm$ 19.798 χ^2 /NDF: 33.0/28

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680505.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.263 $\pm$ 0.019 χ^2 /NDF: 771338.3/15

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

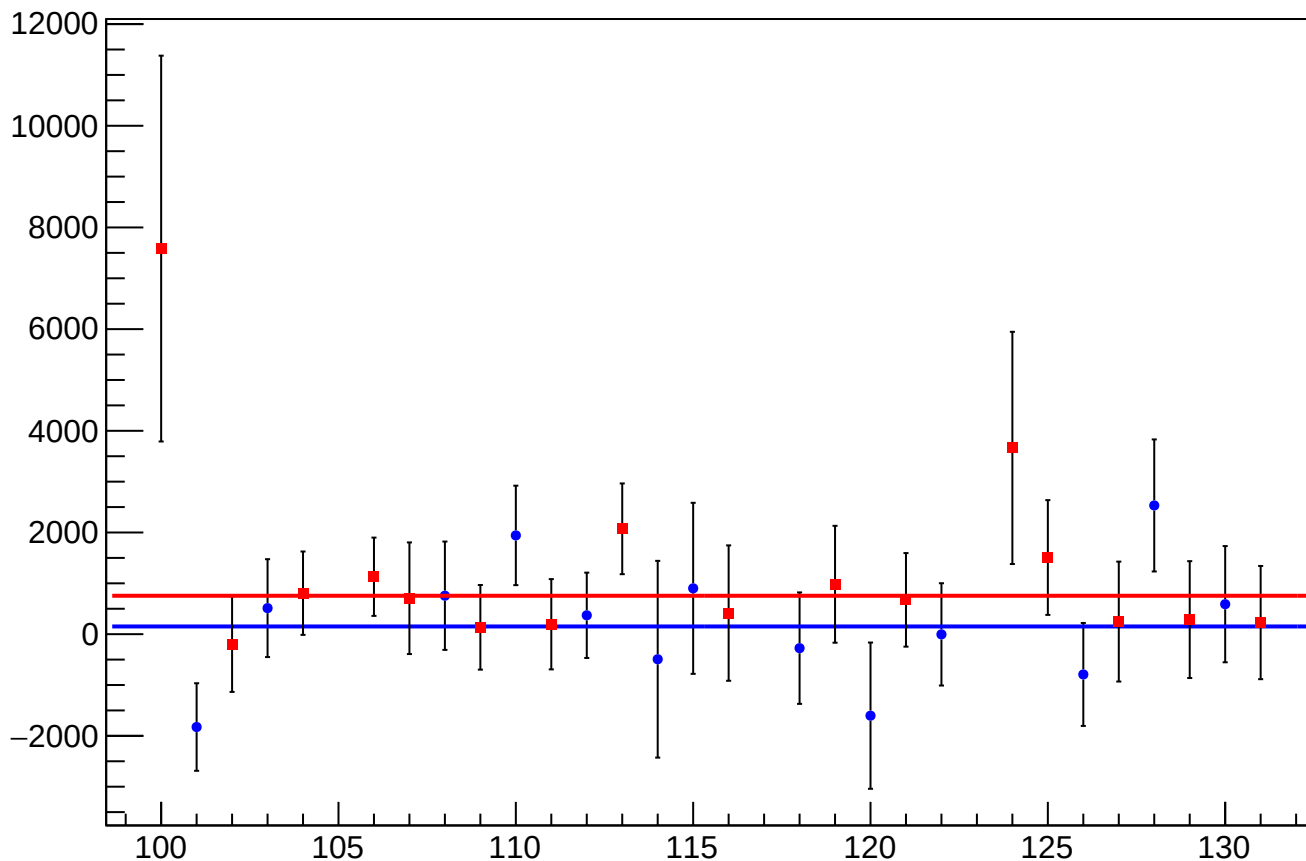
Right: 64.879 $\pm$ 0.014 χ^2 /NDF: 1454115.6/28

In: 65.602 $\pm$ 0.021 χ^2 /NDF:680505.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.879 $\pm$ 0.014 χ^2 /NDF: 1454115.6/28

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 151.677+/-301.089 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 755.387+/-258.772 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

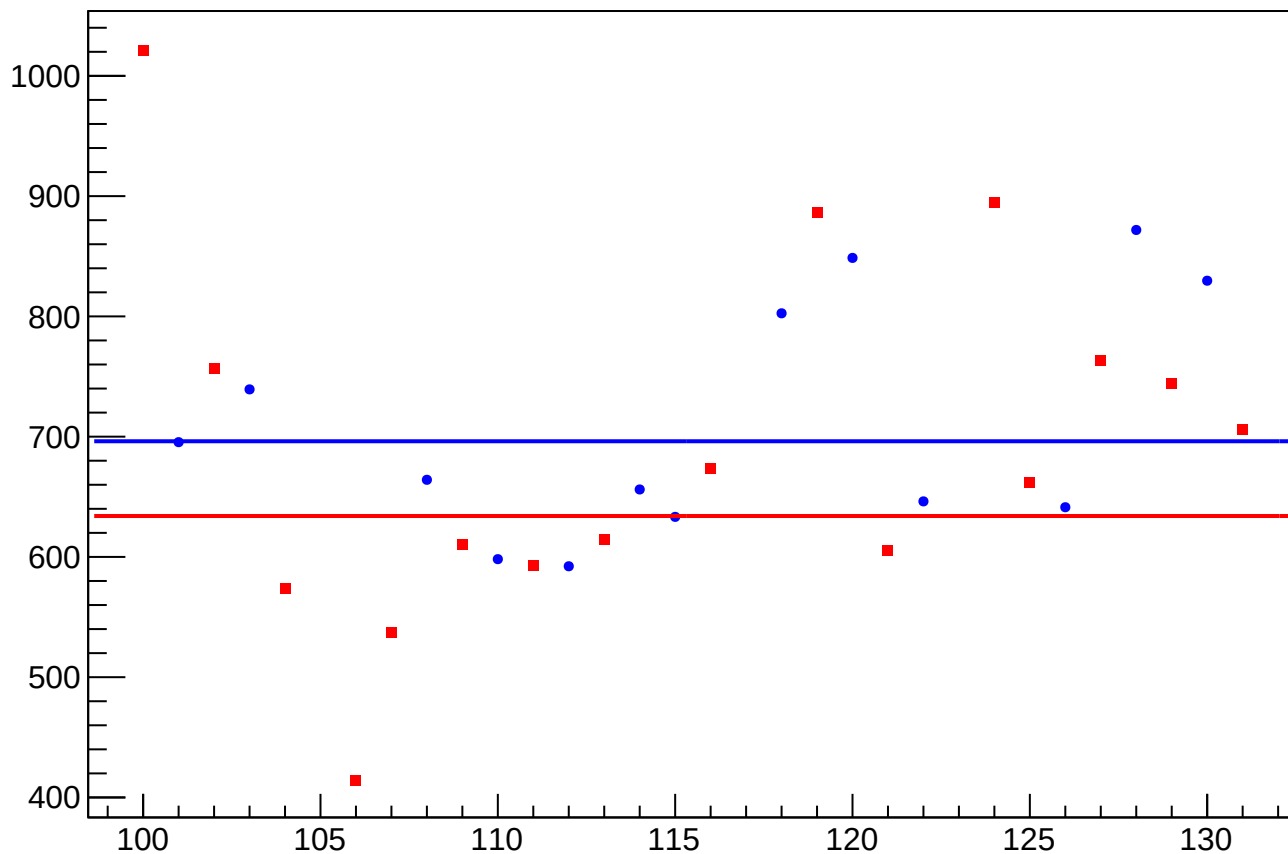
Right: 498.904+/-196.250 χ^2/NDF : 28.2/28

In: 151.677+/-301.089 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.904+/-196.250 χ^2/NDF : 28.2/28

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 696.182+/-0.213 χ^2/NDF : 176269.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.021+/-0.183 χ^2/NDF : 429122.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

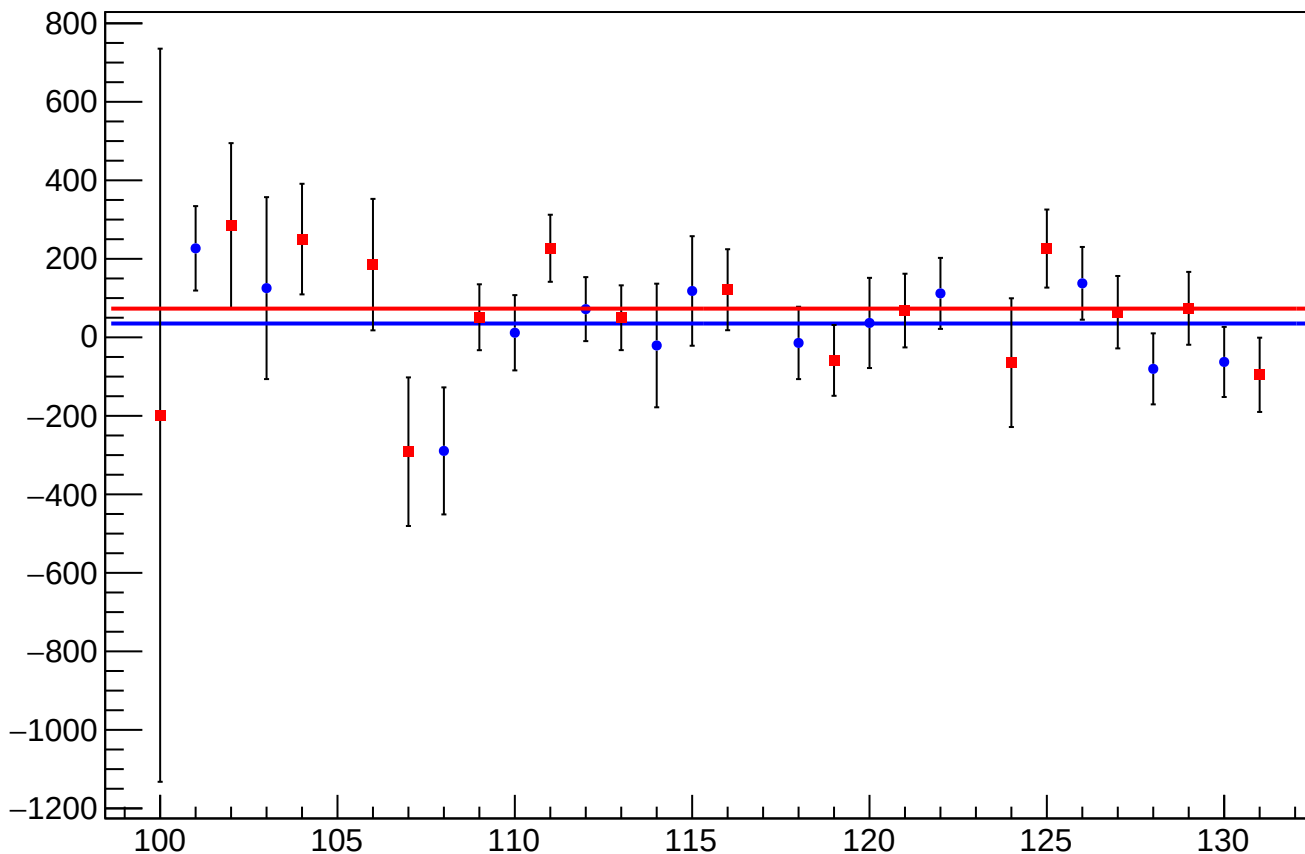
Right: 660.430+/-0.139 χ^2/NDF : 654423.3/28

In: 696.182+/-0.213 χ^2/NDF : 176269.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.430+/-0.139 χ^2/NDF : 654423.3/28

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.175+/-26.945 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

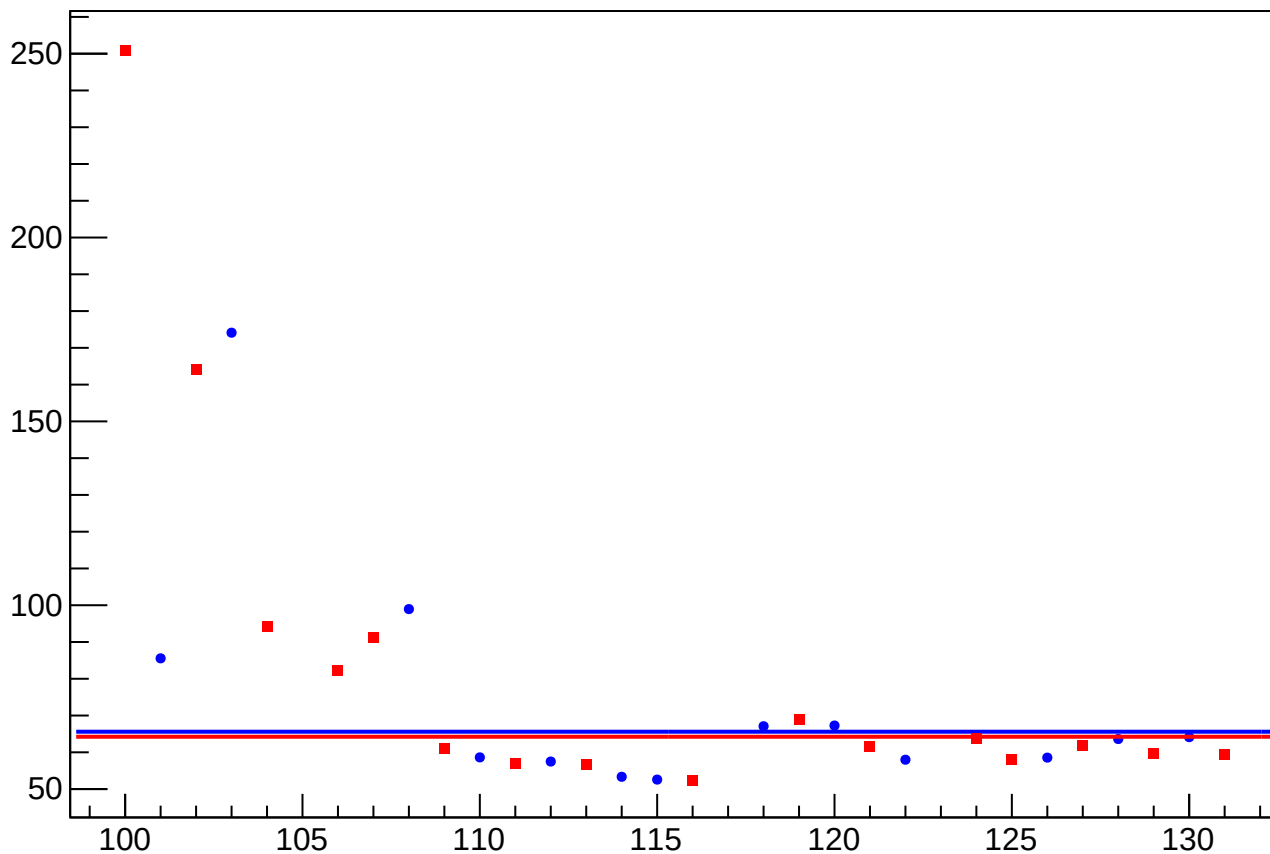
Right: 55.713+/-19.799 χ^2/NDF : 32.9/28

In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.713+/-19.799 χ^2/NDF : 32.9/28

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680507.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.234 $\pm$ 0.019 χ^2 /NDF: 768681.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

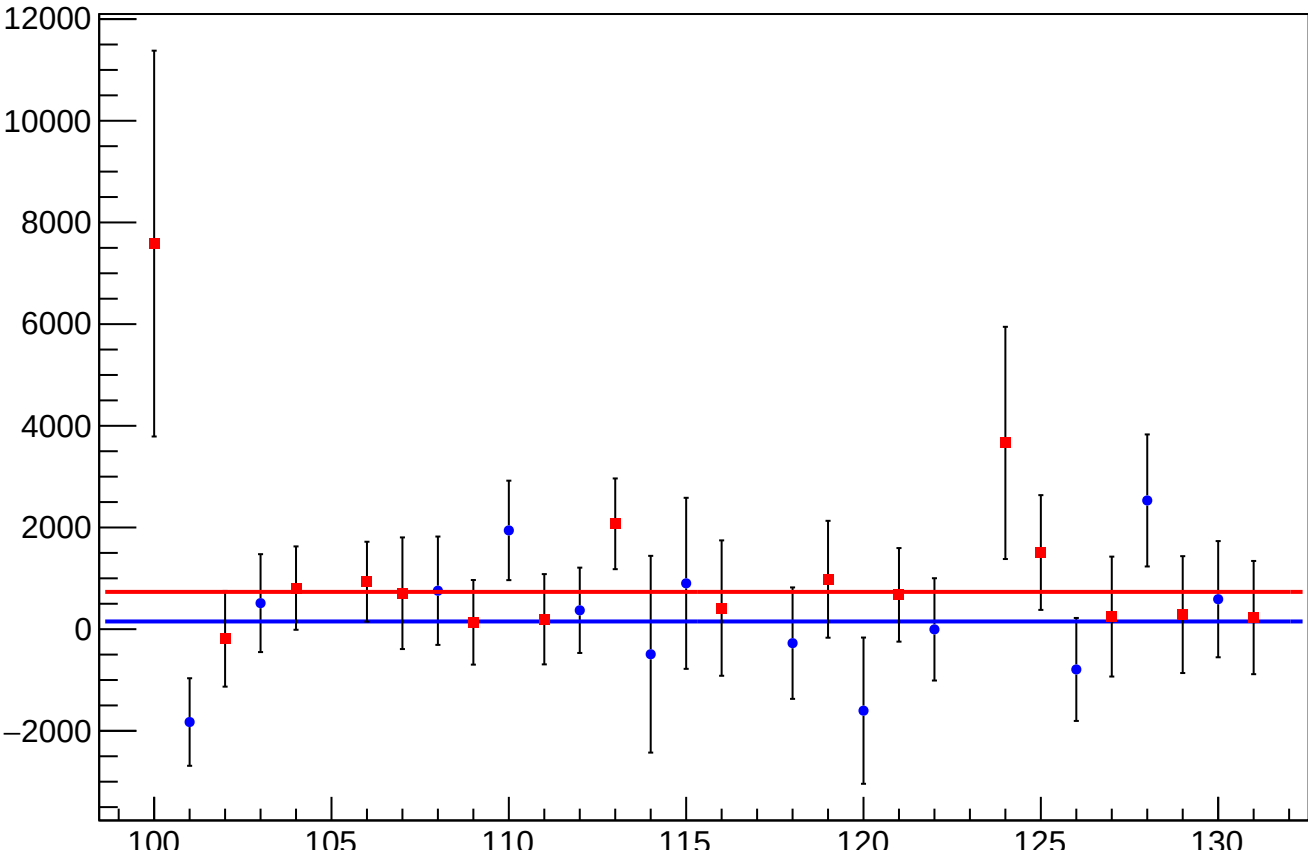
Right: 64.863 $\pm$ 0.014 χ^2 /NDF: 1451561.2/28

In: 65.602 $\pm$ 0.021 χ^2 /NDF:680507.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.863 $\pm$ 0.014 χ^2 /NDF: 1451561.2/28

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 733.198+/-259.366 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

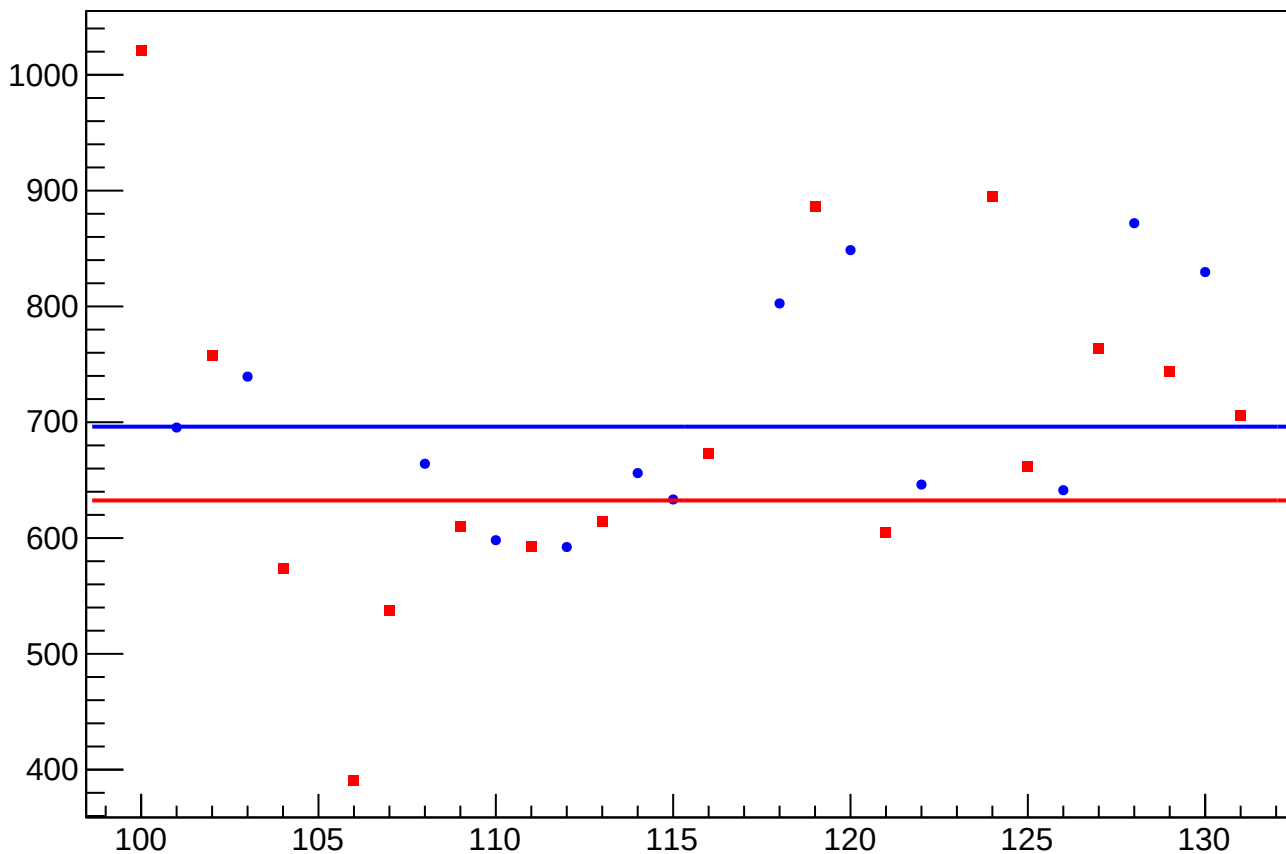
Right: 485.498 $\pm$ 196.510 χ^2 /NDF: 27.8/28

ln: 151.686+/-301.092 χ^2/NDF :15.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 485.498 ± 196.510 χ^2/NDF : 27.8/28

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.478+/-0.183 χ^2/NDF : 458172.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

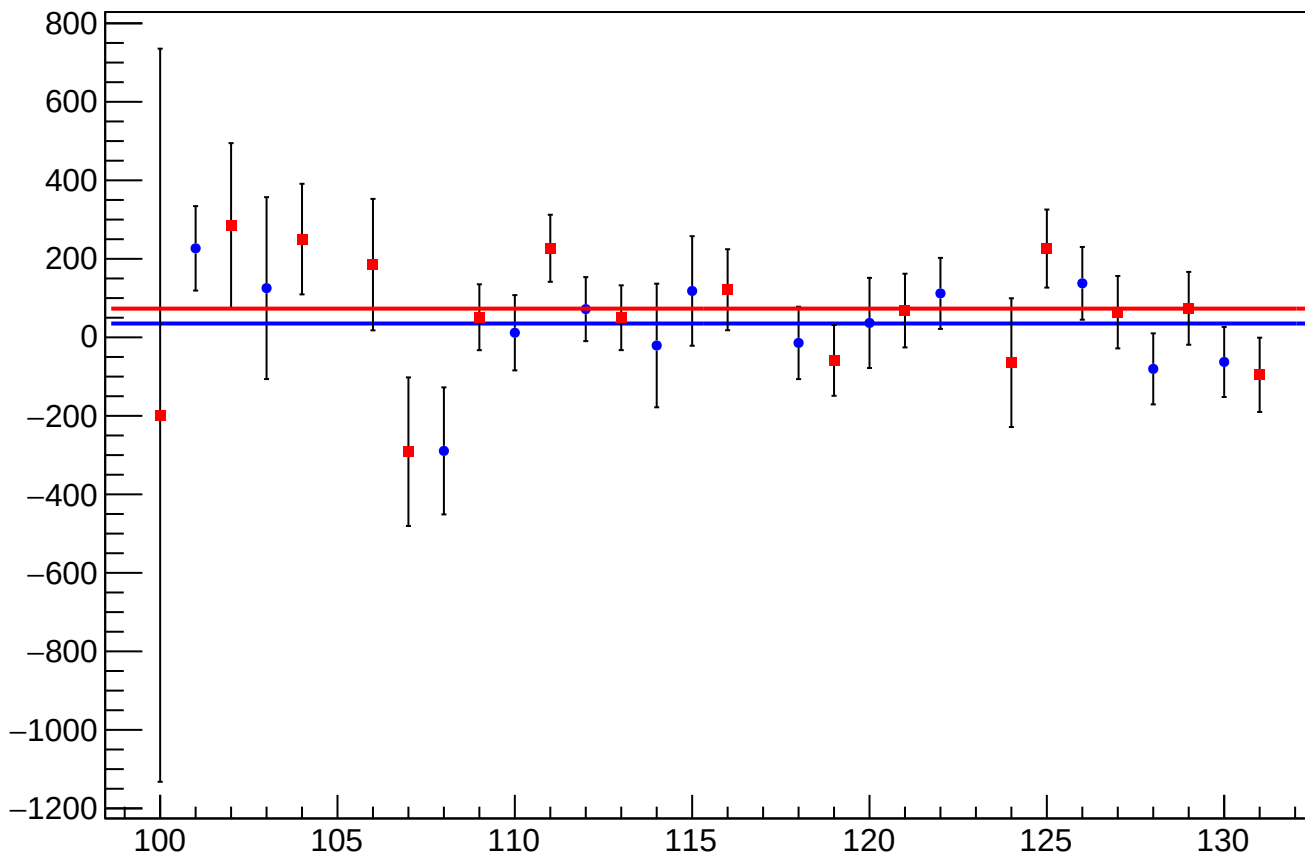
Right: 659.616+/-0.139 χ^2/NDF : 685862.0/28

In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.616+/-0.139 χ^2/NDF : 685862.0/28

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 73.175+/-26.945 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

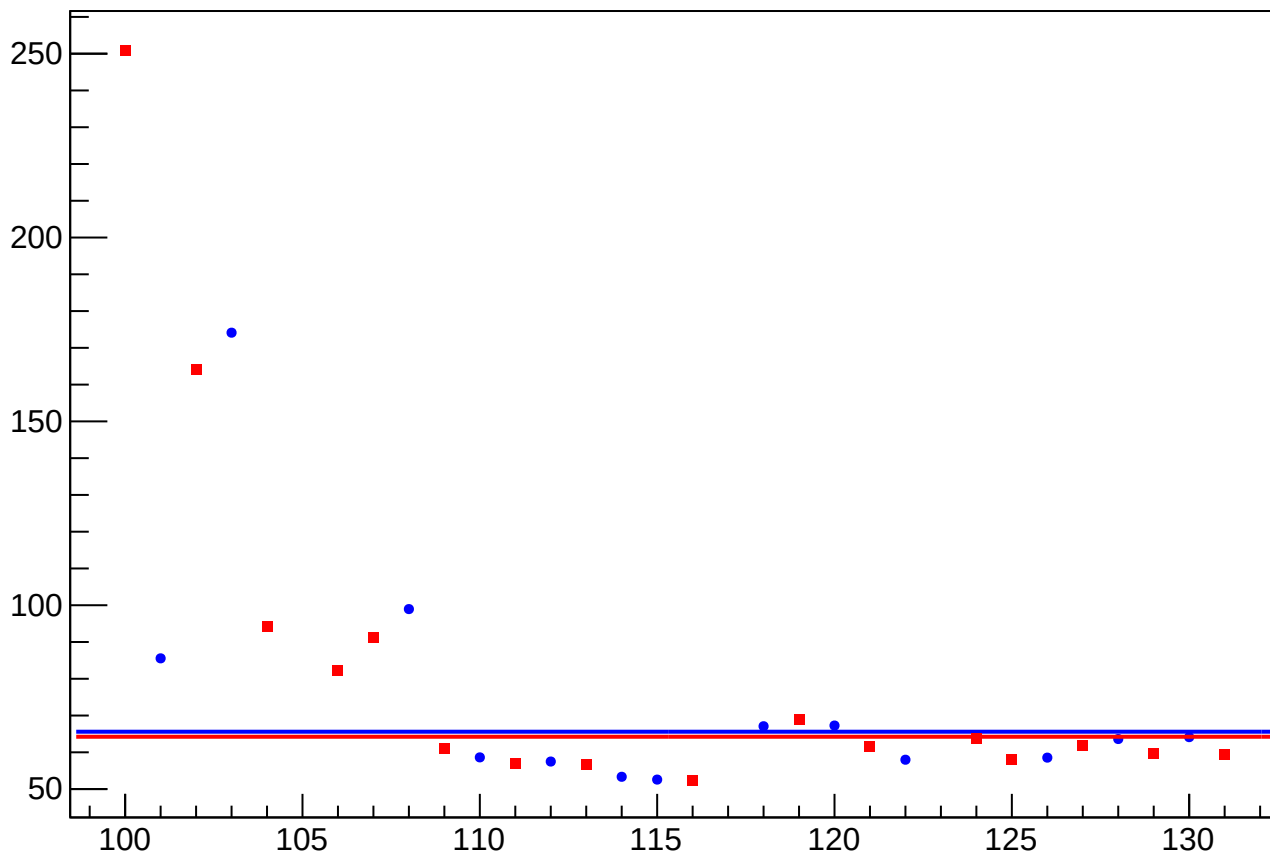
Right: 55.713+/-19.799 χ^2/NDF : 32.9/28

In: 35.221+/-29.189 χ^2/NDF :13.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.713+/-19.799 χ^2/NDF : 32.9/28

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680507.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.234 $\pm$ 0.019 χ^2 /NDF: 768681.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

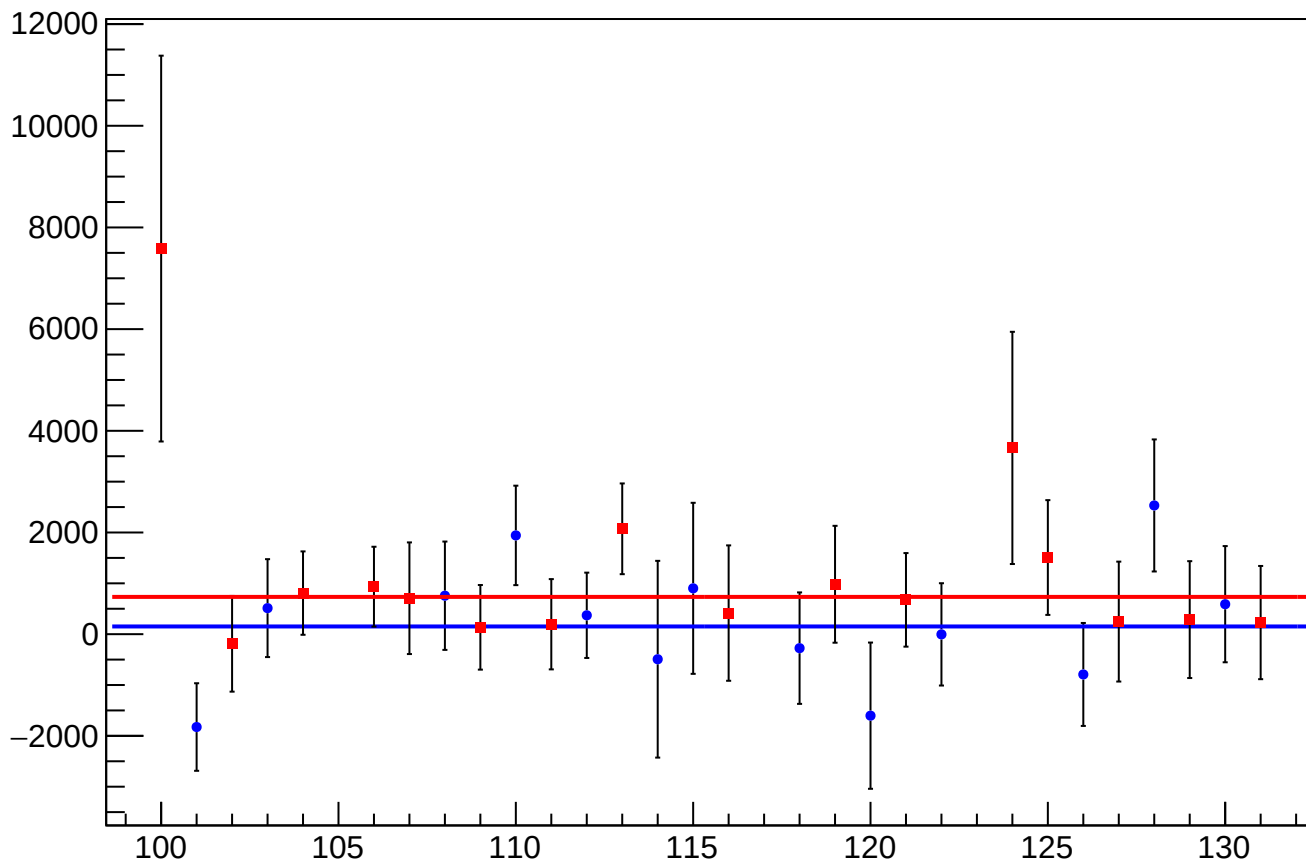
Right: 64.863 $\pm$ 0.014 χ^2 /NDF: 1451561.2/28

In: 65.602 $\pm$ 0.021 χ^2 /NDF:680507.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.863 $\pm$ 0.014 χ^2 /NDF: 1451561.2/28

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.198+/-259.366 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

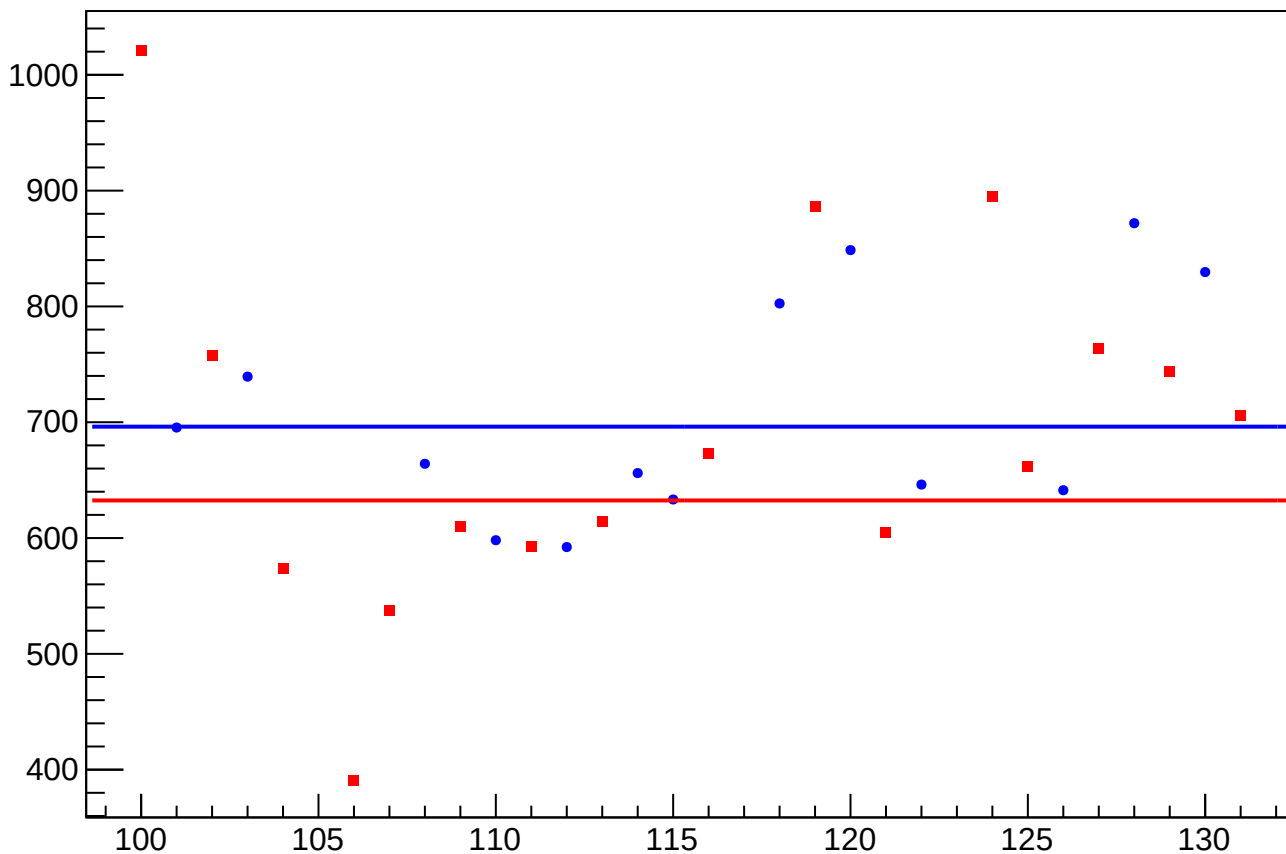
Right: 485.498+/-196.510 χ^2/NDF : 27.8/28

In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.498+/-196.510 χ^2/NDF : 27.8/28

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.478+/-0.183 χ^2/NDF : 458172.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

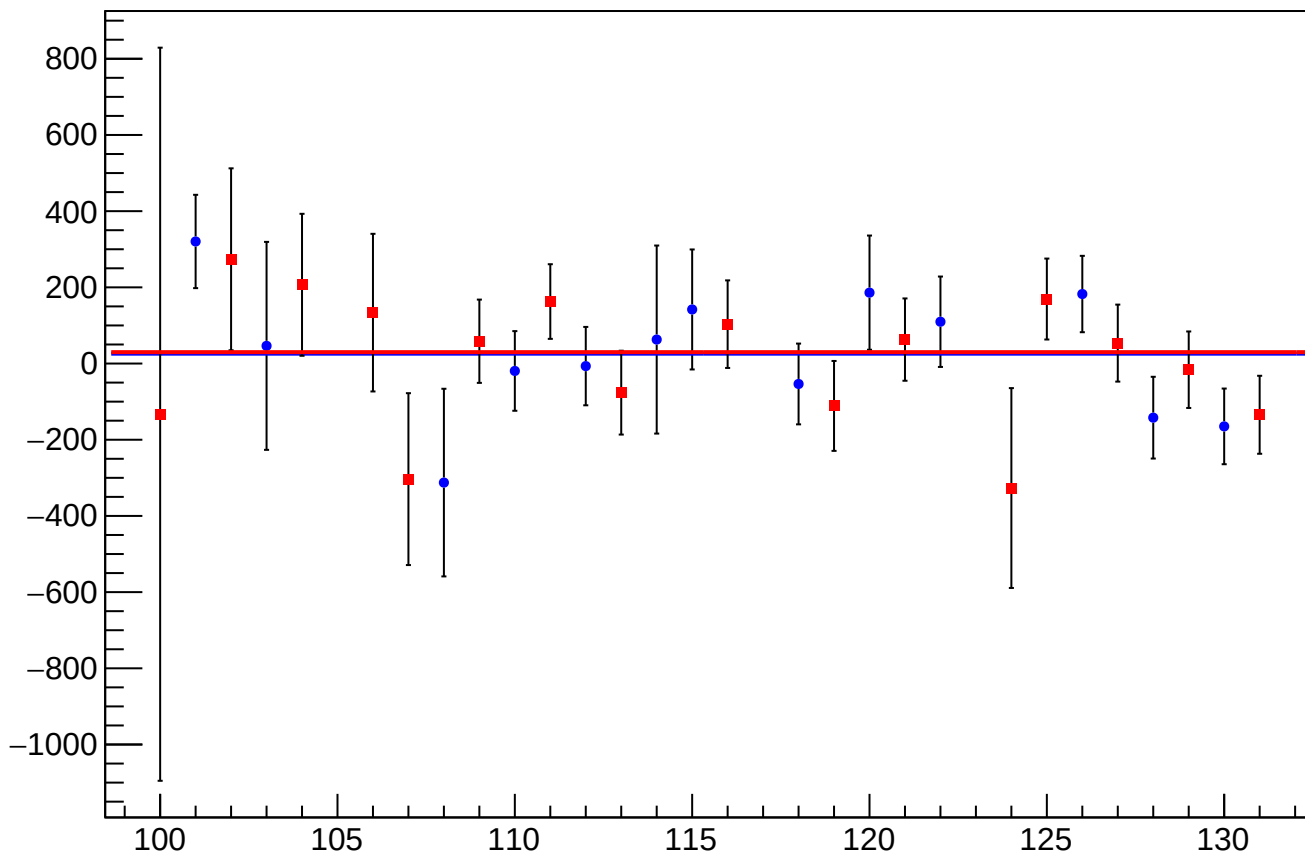
Right: 659.616+/-0.139 χ^2/NDF : 685862.0/28

In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.616+/-0.139 χ^2/NDF : 685862.0/28

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 25.948 $\pm$ 34.678 χ^2 /NDF: 19.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.921 $\pm$ 31.785 χ^2 /NDF: 15.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

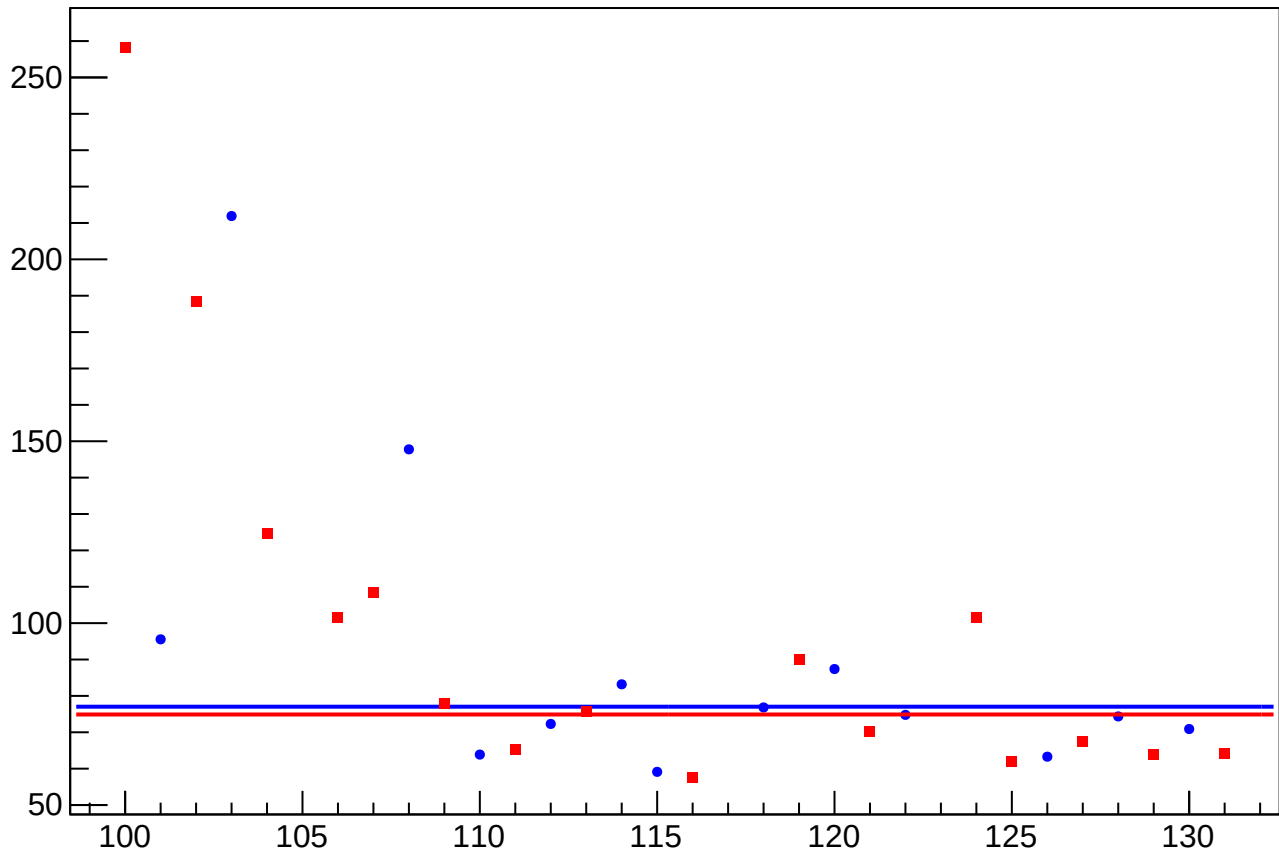
Right: 28.107 $\pm$ 23.431 χ^2 /NDF: 34.9/28

In: 25.948 $\pm$ 34.678 χ^2 /NDF:19.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.107 $\pm$ 23.431 χ^2 /NDF: 34.9/28

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 77.032+/-0.025 χ^2/NDF : 818871.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.891+/-0.022 χ^2/NDF : 955788.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

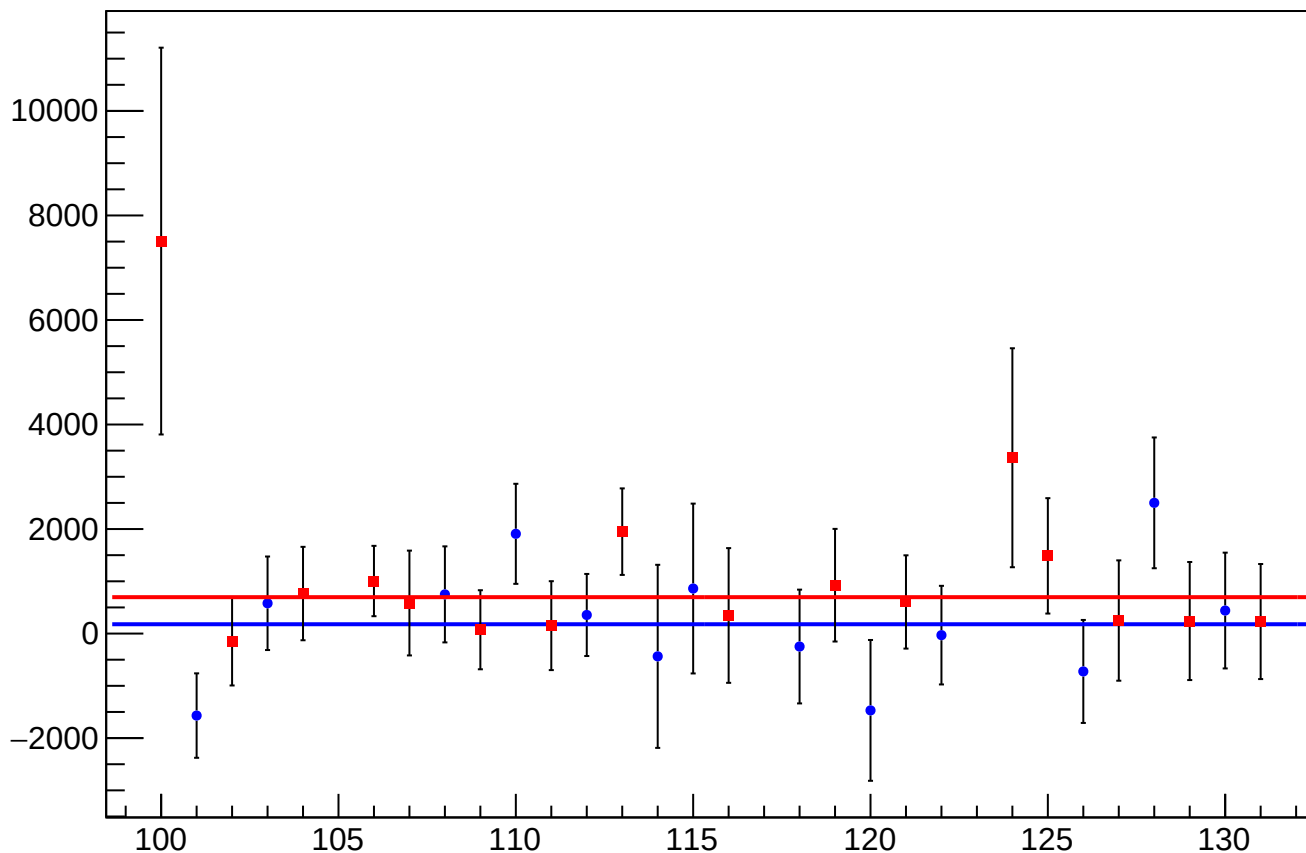
Right: 75.869+/-0.017 χ^2/NDF : 1778801.8/28

In: 77.032+/-0.025 χ^2/NDF : 818871.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.869+/-0.017 χ^2/NDF : 1778801.8/28

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 178.408 $\pm$ 284.144 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 696.523 $\pm$ 245.062 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

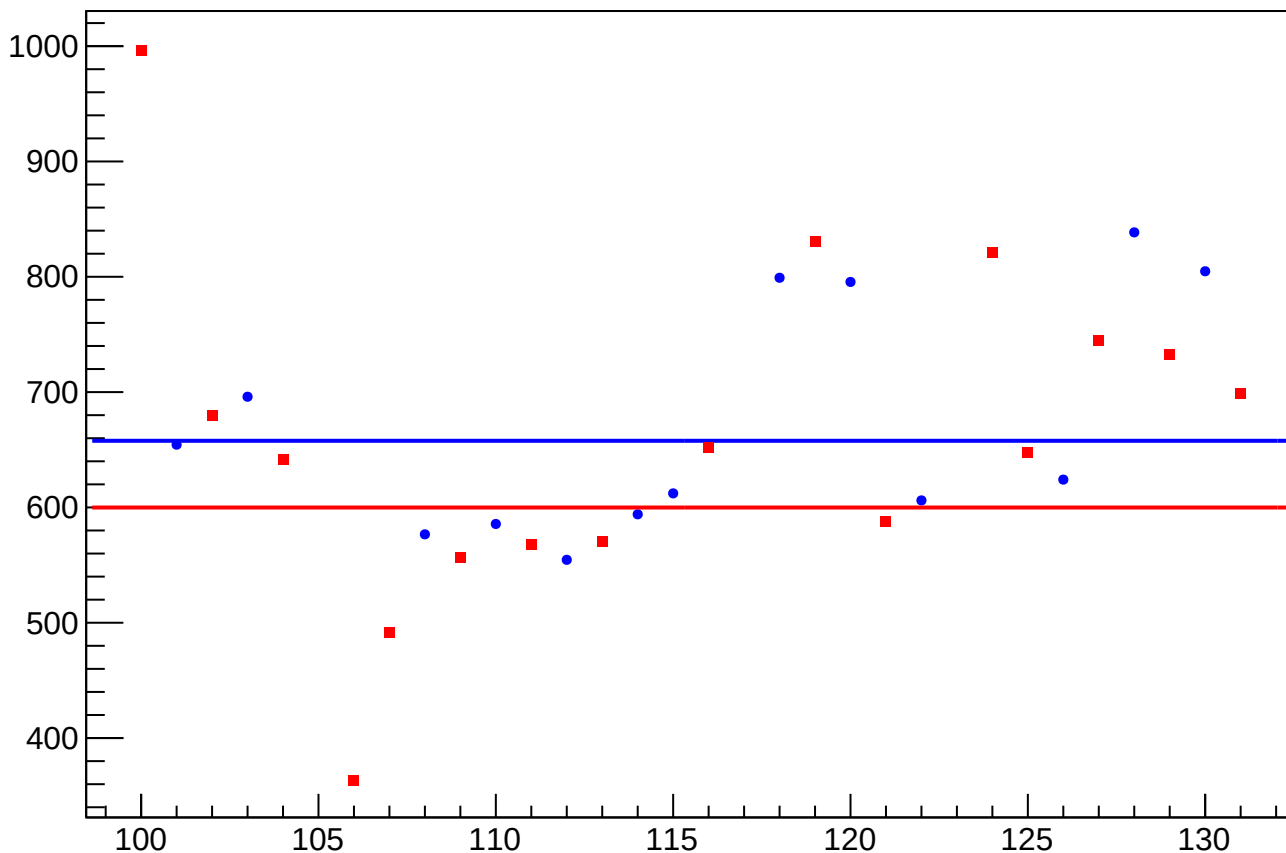
Right: 475.521 $\pm$ 185.577 χ^2 /NDF: 27.6/28

In: 178.408 $\pm$ 284.144 χ^2 /NDF:14.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 475.521 $\pm$ 185.577 χ^2 /NDF: 27.6/28

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 657.779+/-0.201 χ^2/NDF : 209332.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.926+/-0.173 χ^2/NDF : 524280.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

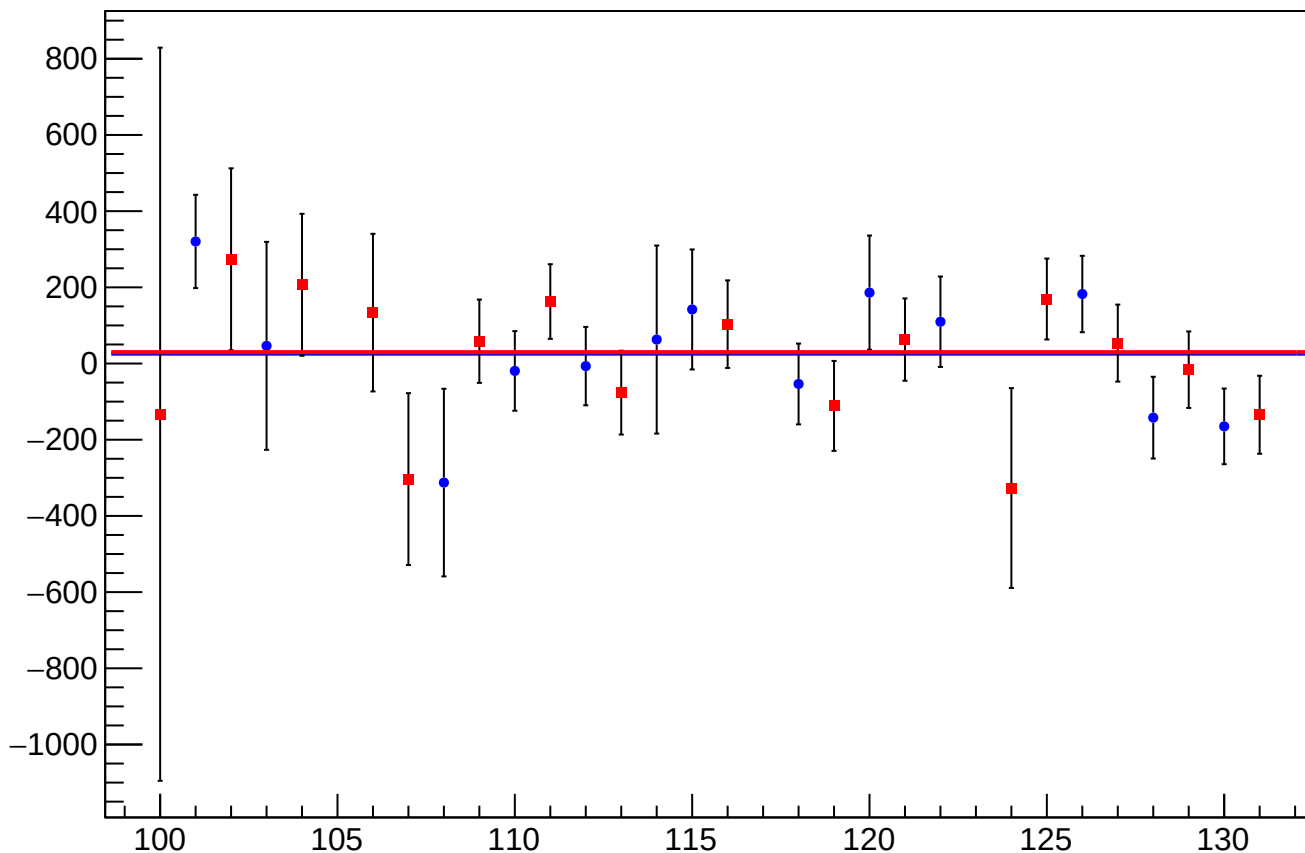
Right: 624.603+/-0.131 χ^2/NDF : 781158.5/28

In: 657.779+/-0.201 χ^2/NDF : 209332.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.603+/-0.131 χ^2/NDF : 781158.5/28

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 25.947 $\pm$ 34.678 χ^2 /NDF: 19.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.920 $\pm$ 31.785 χ^2 /NDF: 15.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

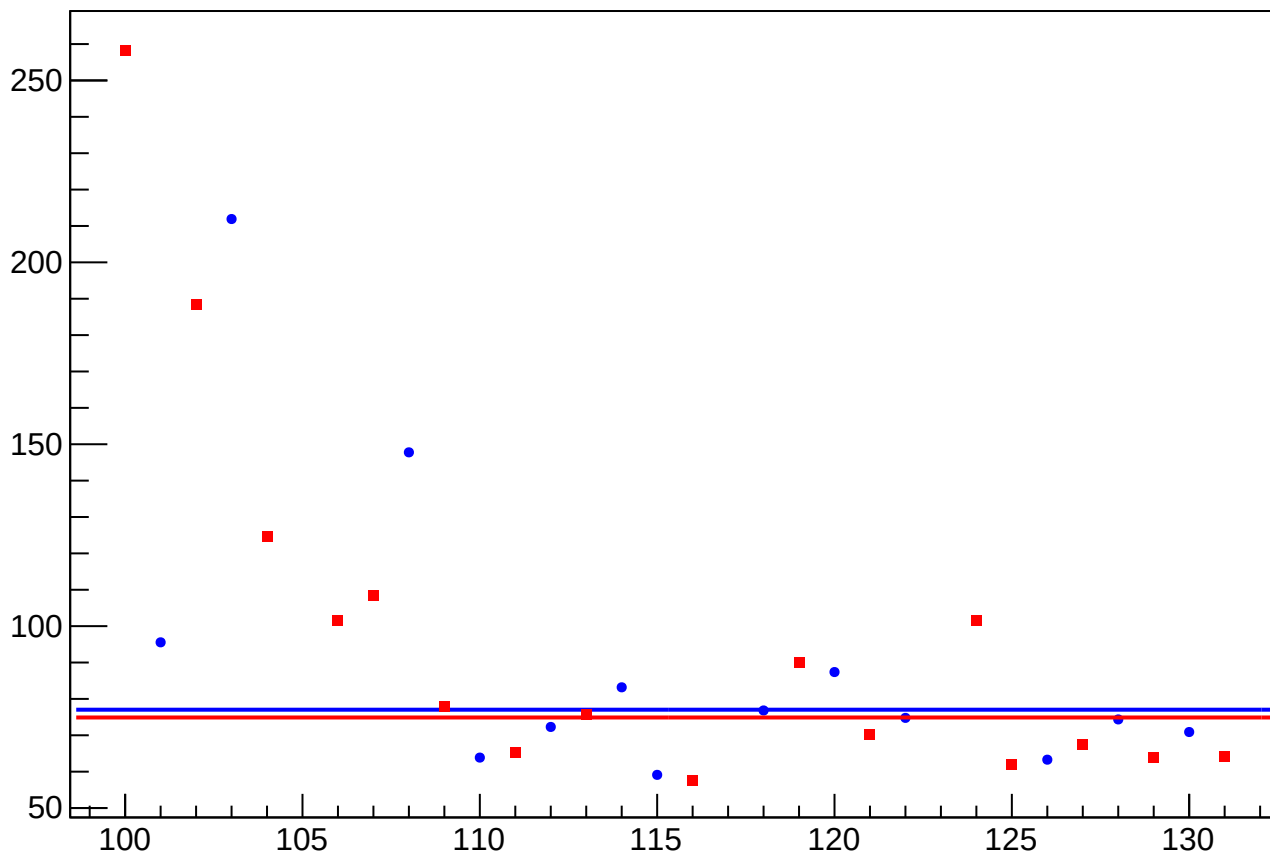
Right: 28.106 $\pm$ 23.431 χ^2 /NDF: 34.9/28

In: 25.947 $\pm$ 34.678 χ^2 /NDF:19.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.106 $\pm$ 23.431 χ^2 /NDF: 34.9/28

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 77.032+/-0.025 χ^2/NDF : 818869.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.892+/-0.022 χ^2/NDF : 955774.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

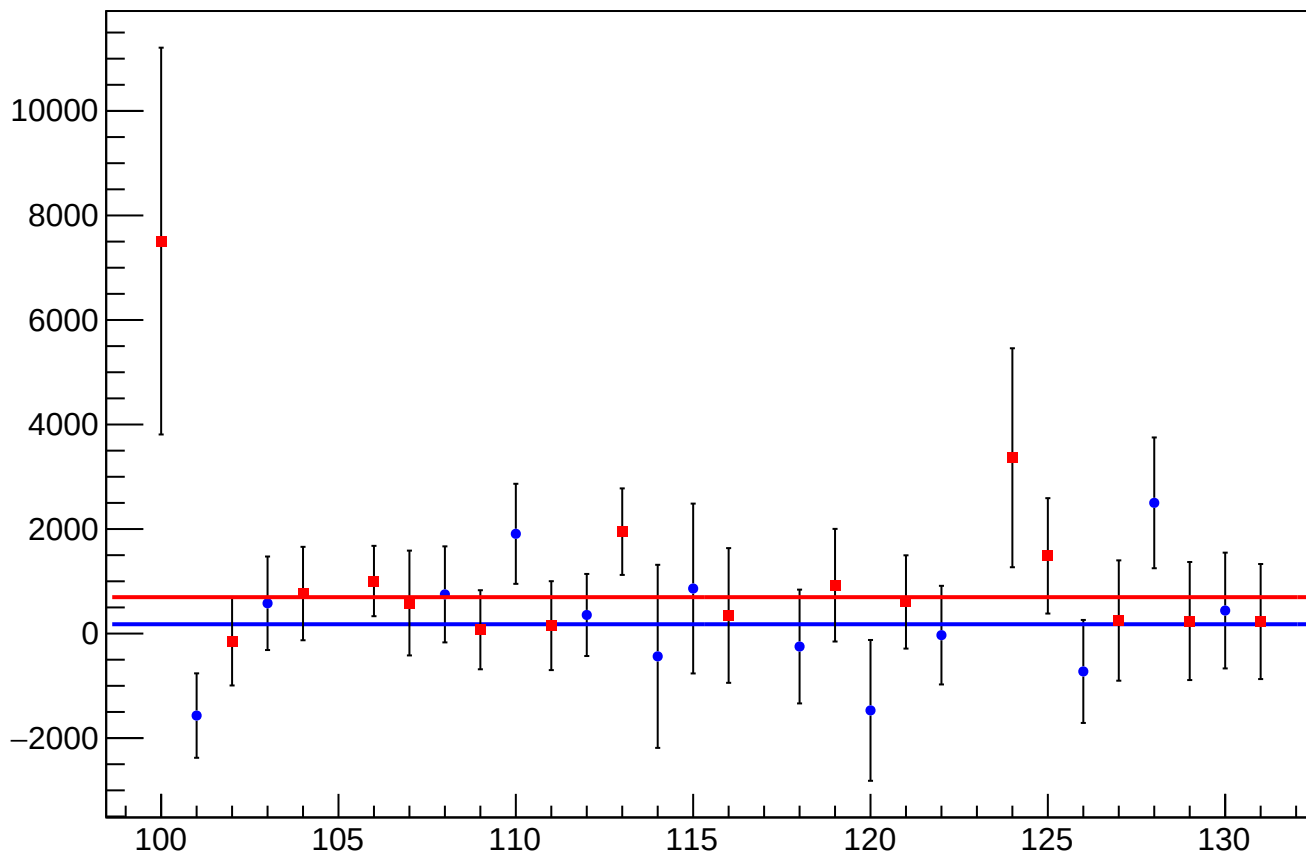
Right: 75.869+/-0.017 χ^2/NDF : 1778784.9/28

In: 77.032+/-0.025 χ^2/NDF : 818869.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.869+/-0.017 χ^2/NDF : 1778784.9/28

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 178.407 $\pm$ 284.144 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 696.522 $\pm$ 245.061 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

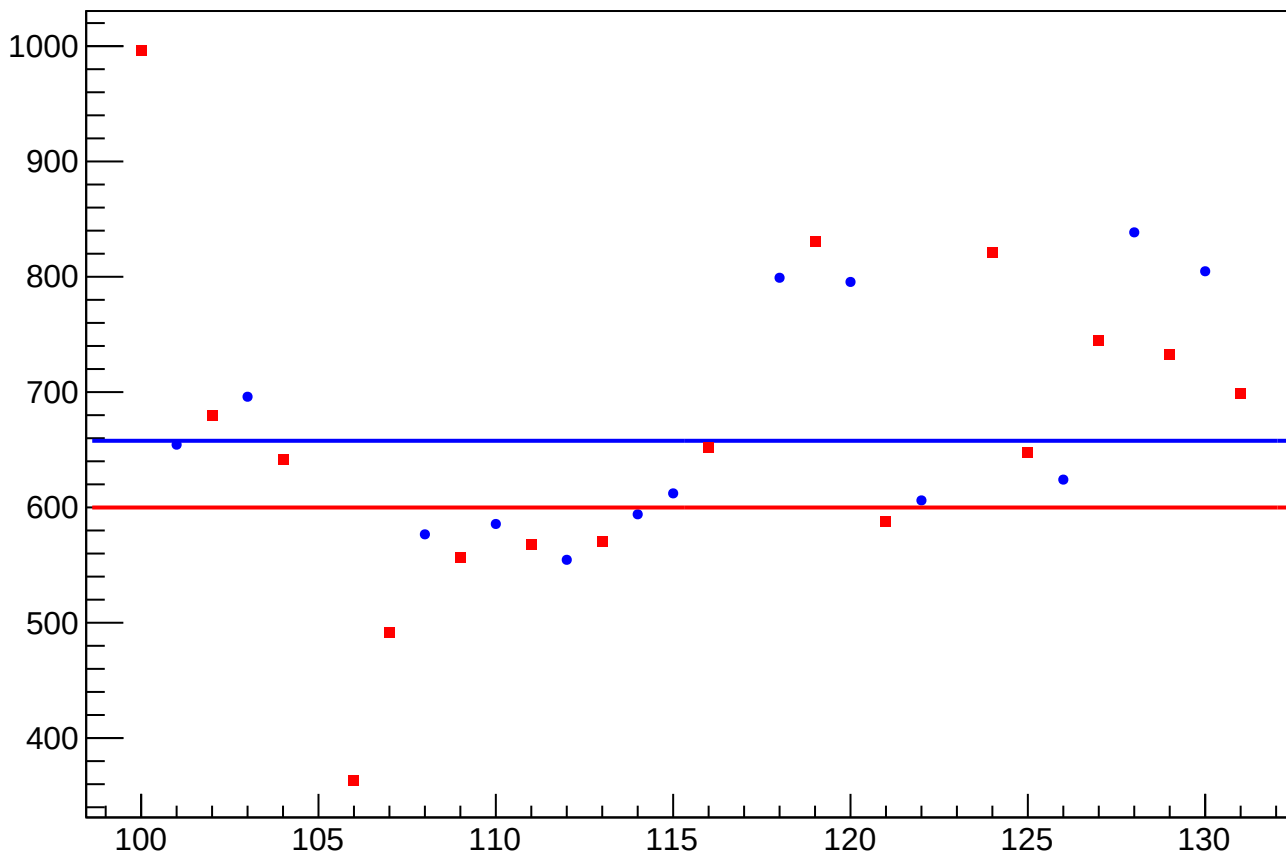
Right: 475.521 $\pm$ 185.577 χ^2 /NDF: 27.6/28

In: 178.407 $\pm$ 284.144 χ^2 /NDF:14.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 475.521 $\pm$ 185.577 χ^2 /NDF: 27.6/28

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 657.779+/-0.201 χ^2/NDF : 209336.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.925+/-0.173 χ^2/NDF : 524282.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

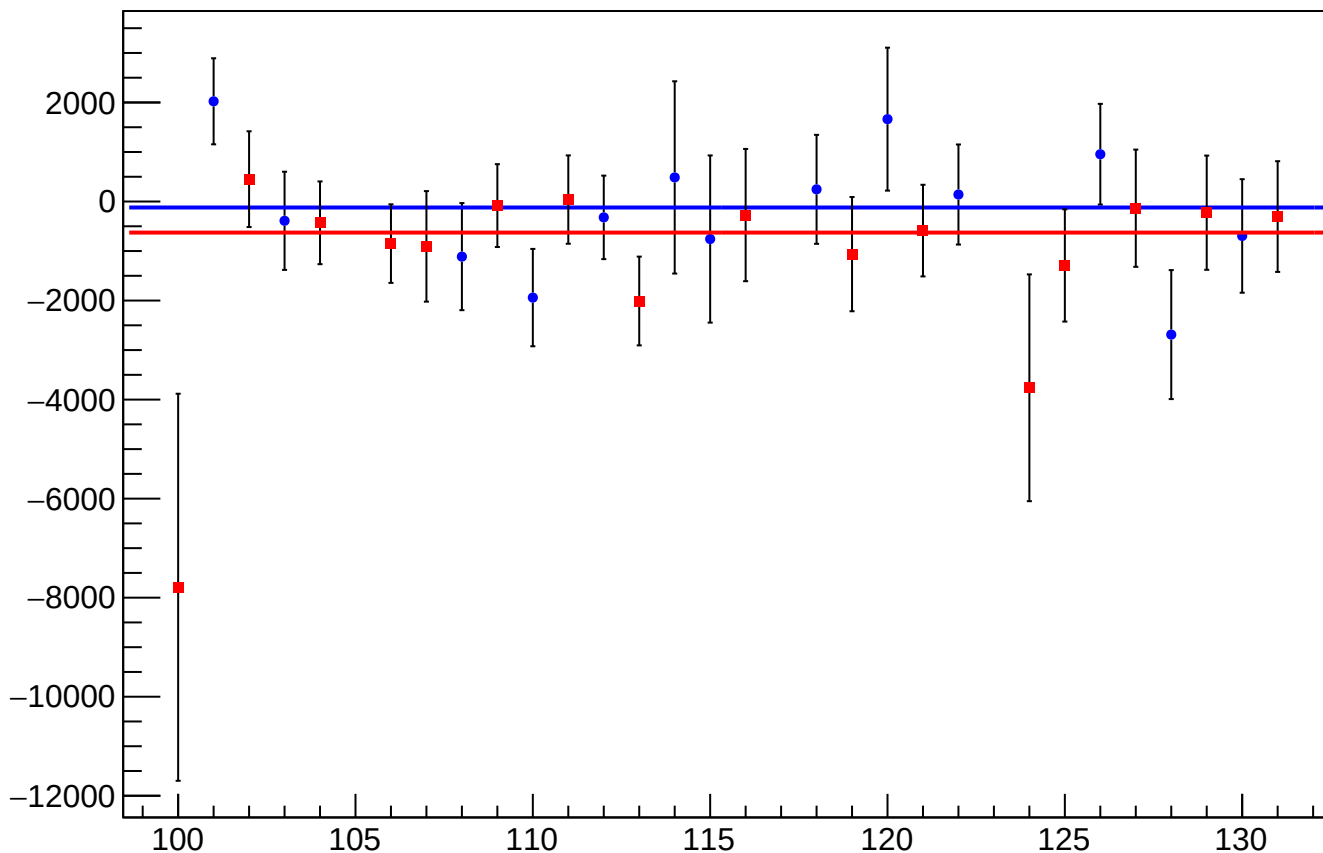
Right: 624.603+/-0.131 χ^2/NDF : 781164.4/28

In: 657.779+/-0.201 χ^2/NDF : 209336.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.603+/-0.131 χ^2/NDF : 781164.4/28

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -120.816+/-303.485 χ^2/NDF : 17.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -627.189+/-261.662 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

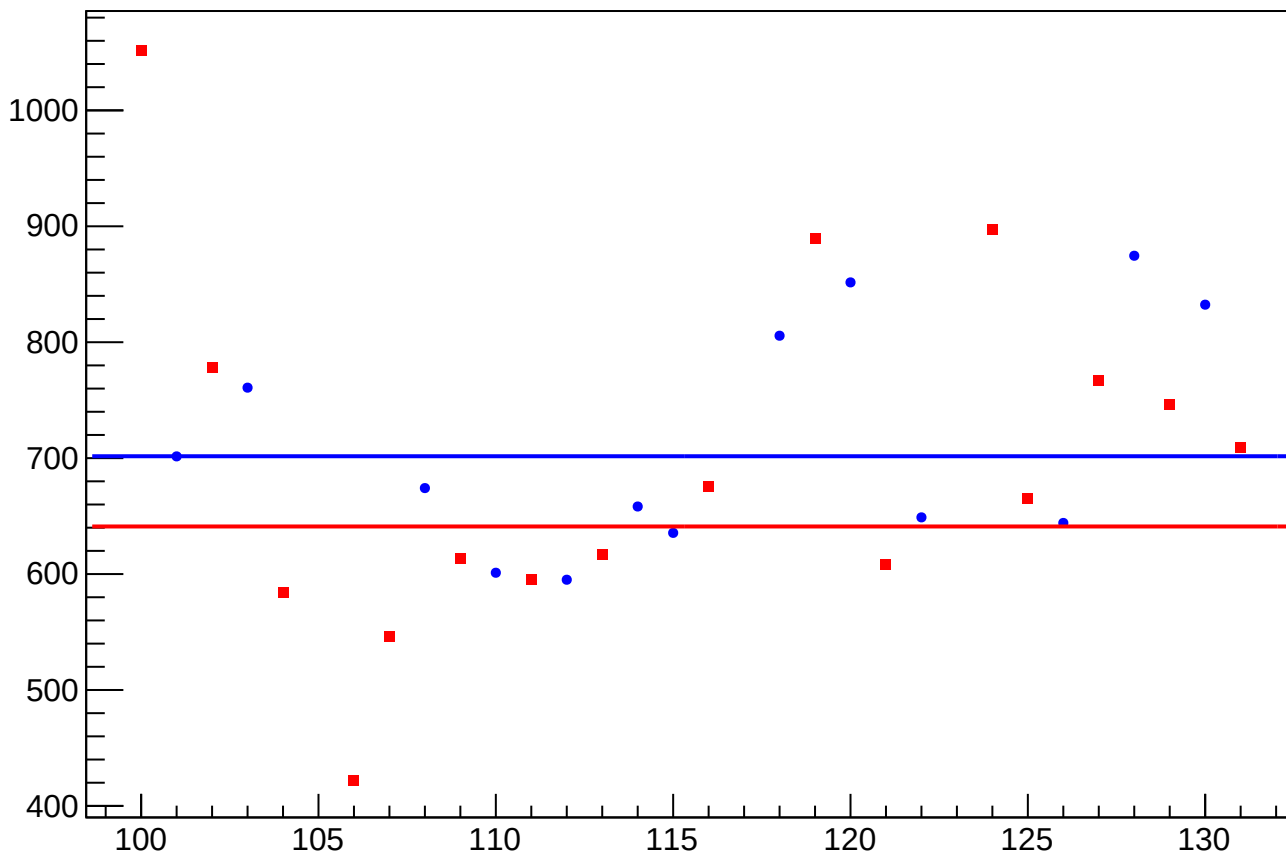
Right: -411.272+/-198.173 χ^2/NDF : 30.3/28

In: -120.816+/-303.485 χ^2/NDF : 17.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.272+/-198.173 χ^2/NDF : 30.3/28

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 701.641+/-0.215 χ^2/NDF : 177872.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.054+/-0.185 χ^2/NDF : 415902.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

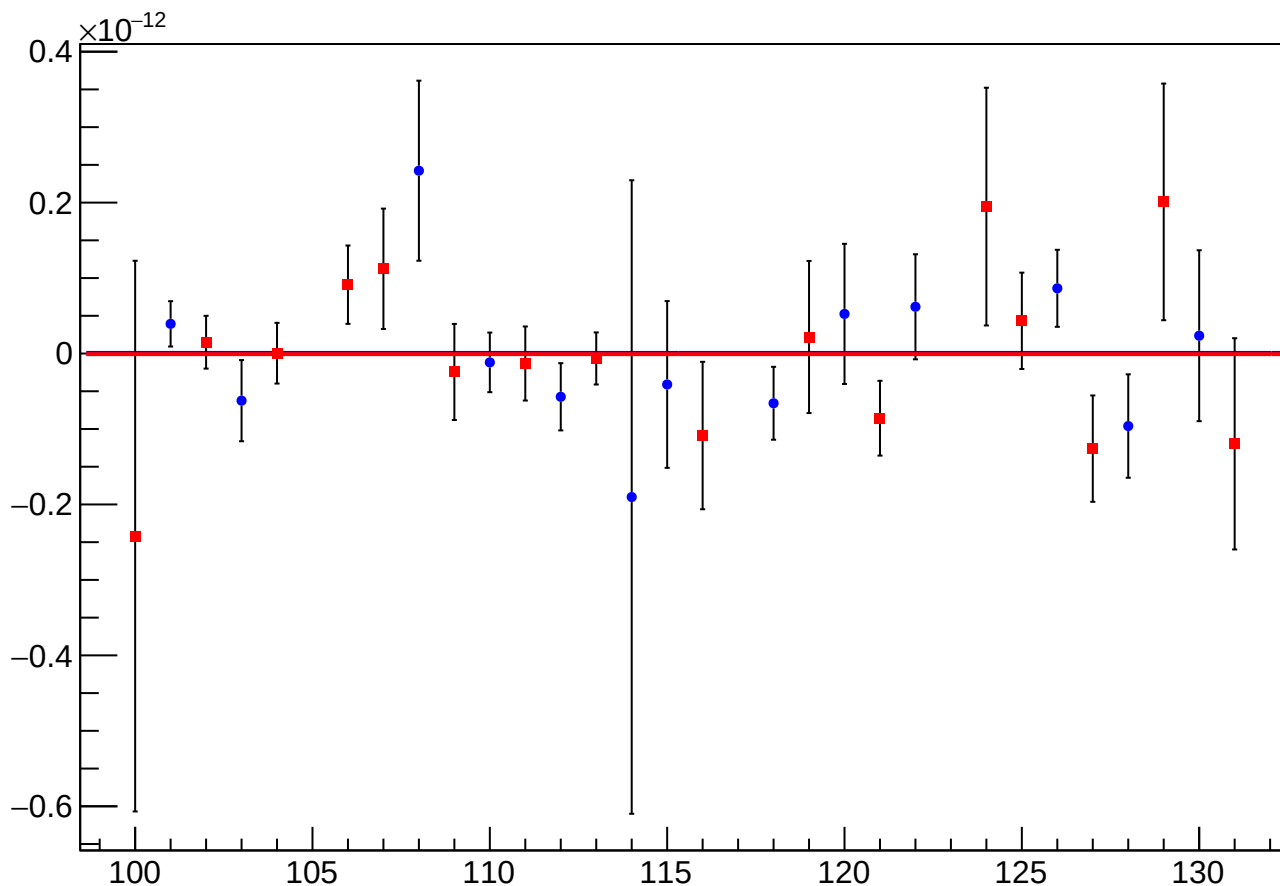
Right: 666.888+/-0.140 χ^2/NDF : 639497.9/28

In: 701.641+/-0.215 χ^2/NDF : 177872.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.888+/-0.140 χ^2/NDF : 639497.9/28

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

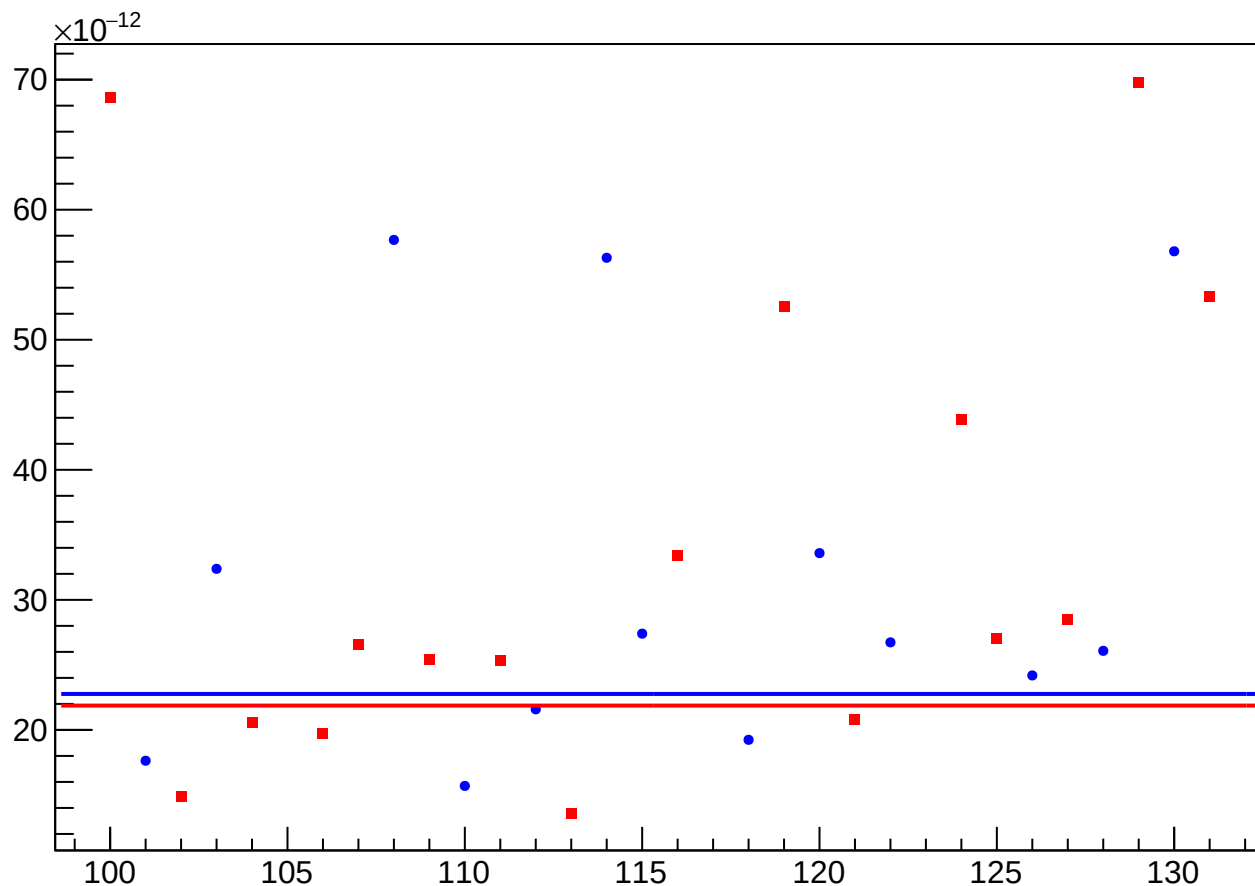
Right: -0.000+/-0.000 χ^2/NDF : 34.9/28

In: 0.000+/-0.000 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.9/28

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 606657.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 828963.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

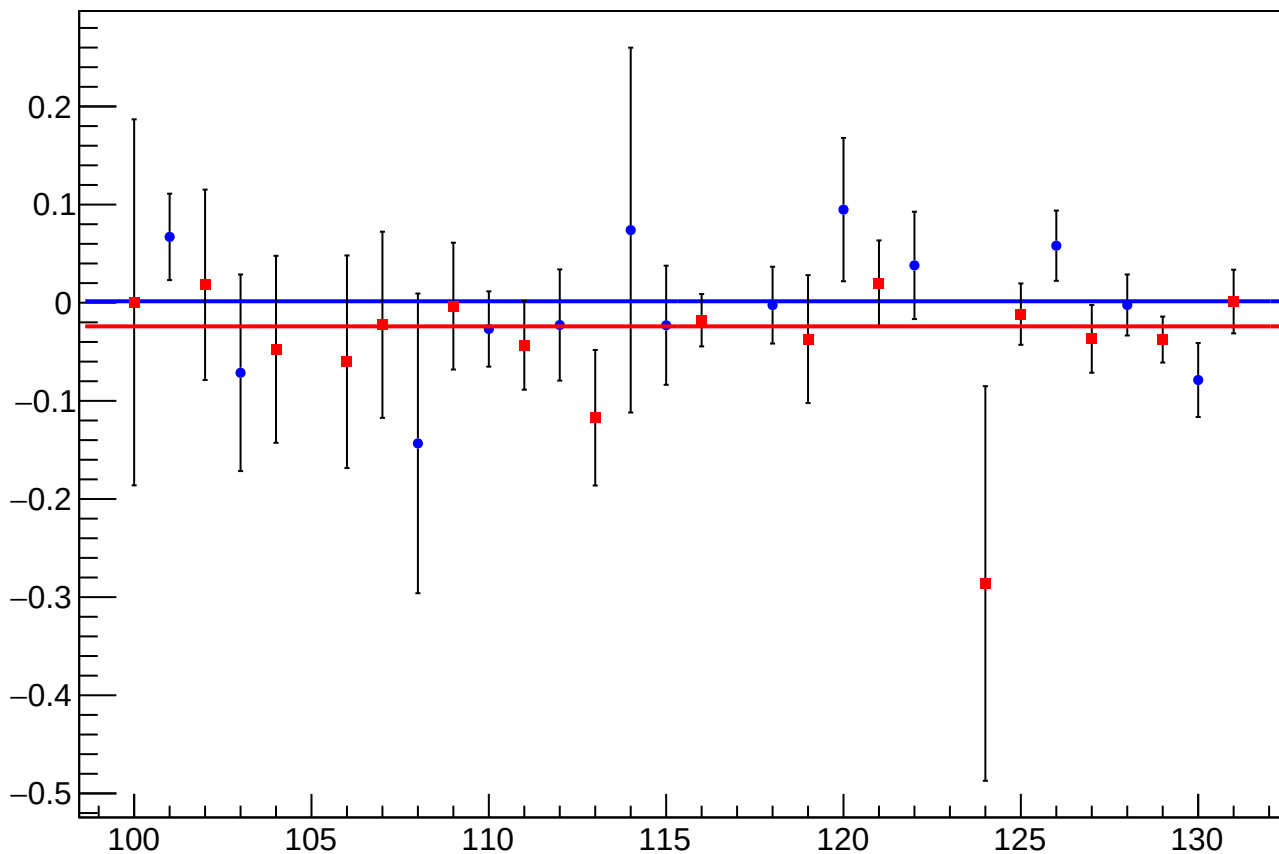
Right: 0.000+/-0.000 χ^2/NDF : 1439157.8/28

In: 0.000+/-0.000 χ^2/NDF : 606657.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1439157.8/28

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

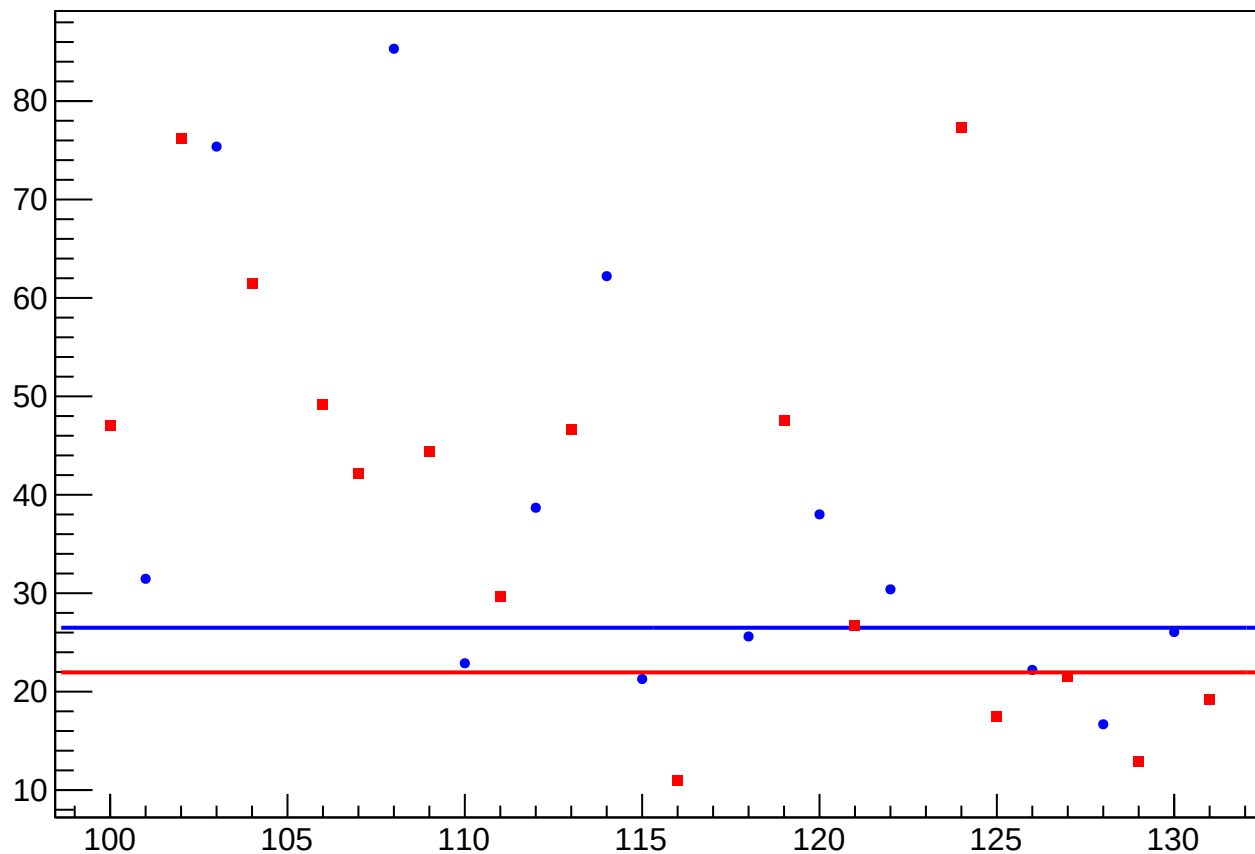
Right: -0.014 $\pm$ 0.008 χ^2 /NDF: 22.6/28

In: 0.001 $\pm$ 0.013 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.008 χ^2 /NDF: 22.6/28

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.956+/-0.008 χ^2/NDF : 2958110.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

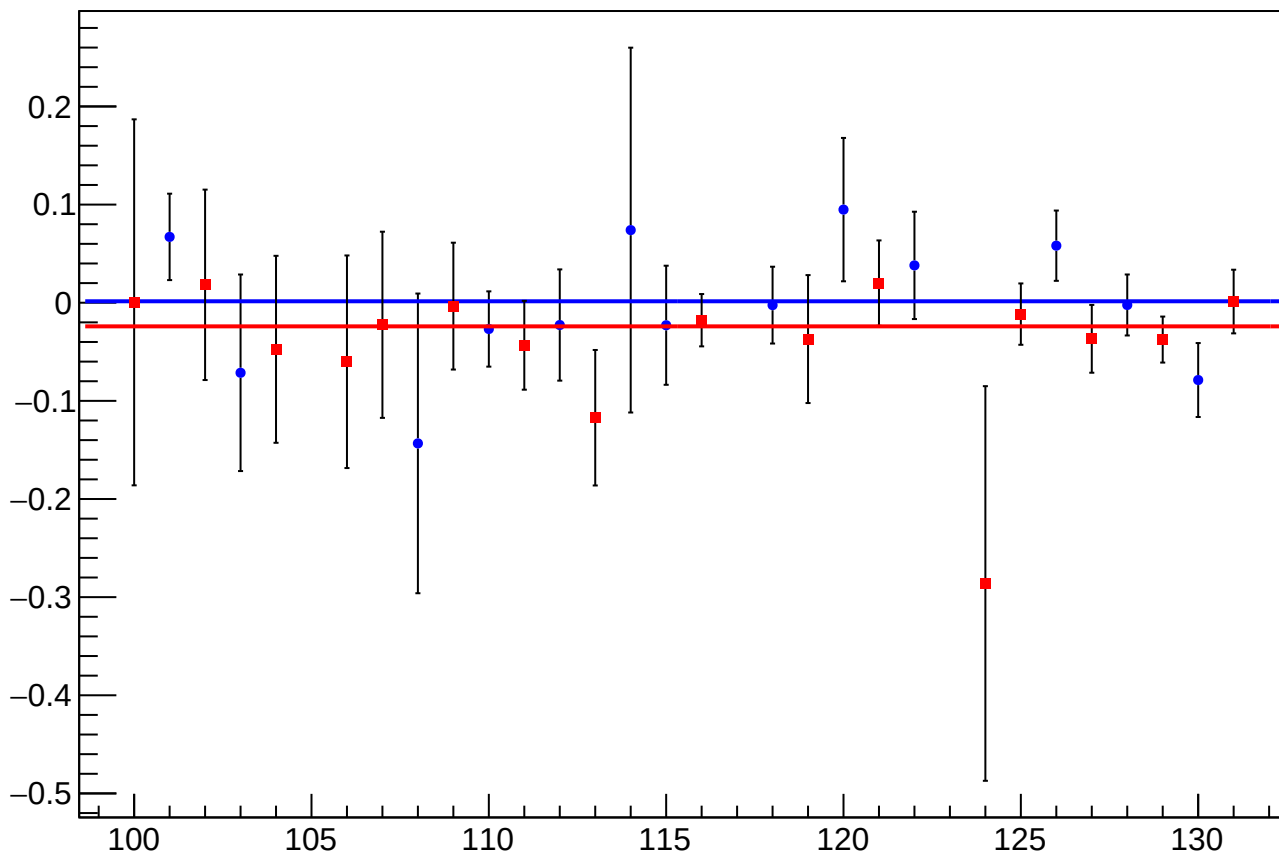
Right: 23.804+/-0.006 χ^2/NDF : 4382618.1/28

In: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.804+/-0.006 χ^2/NDF : 4382618.1/28

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

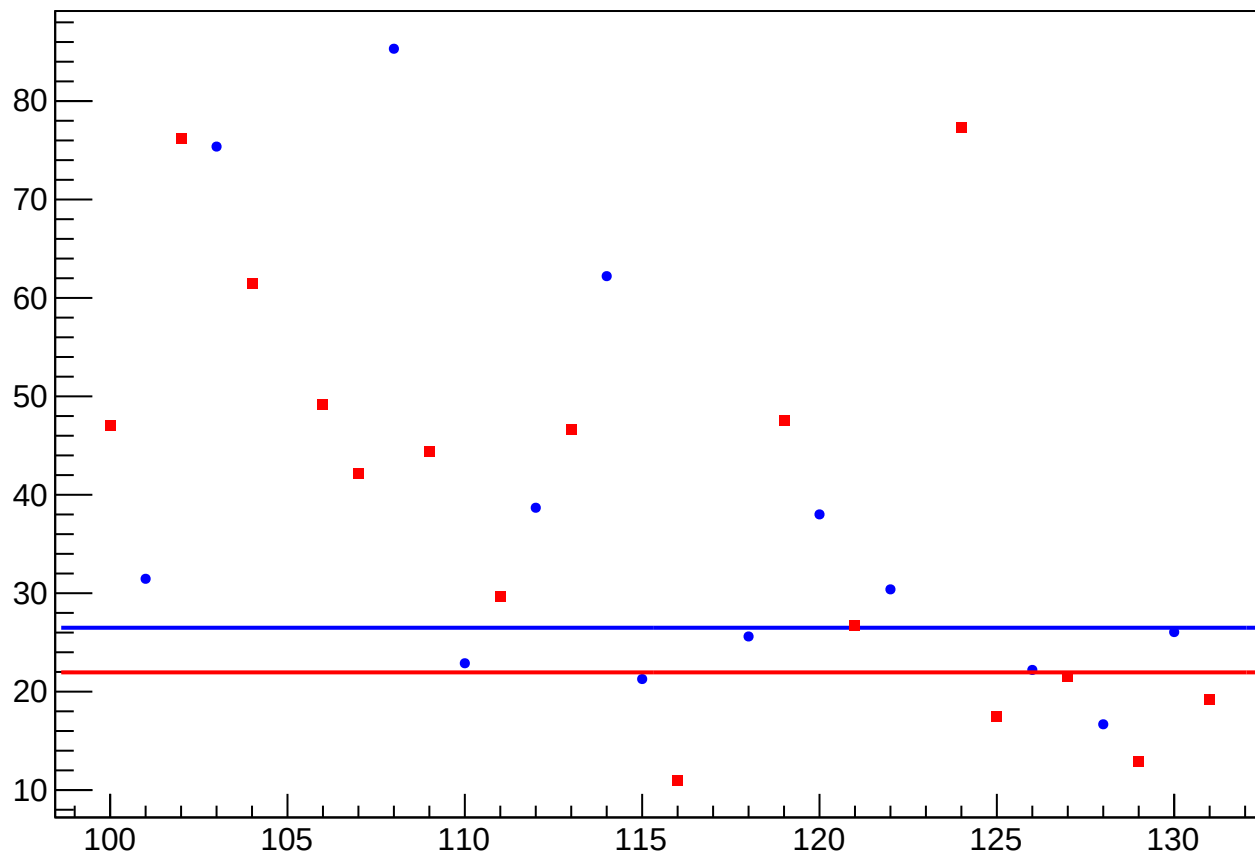
Right: -0.014 $\pm$ 0.008 χ^2 /NDF: 22.6/28

In: 0.001 $\pm$ 0.013 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.008 χ^2 /NDF: 22.6/28

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.956+/-0.008 χ^2/NDF : 2958110.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

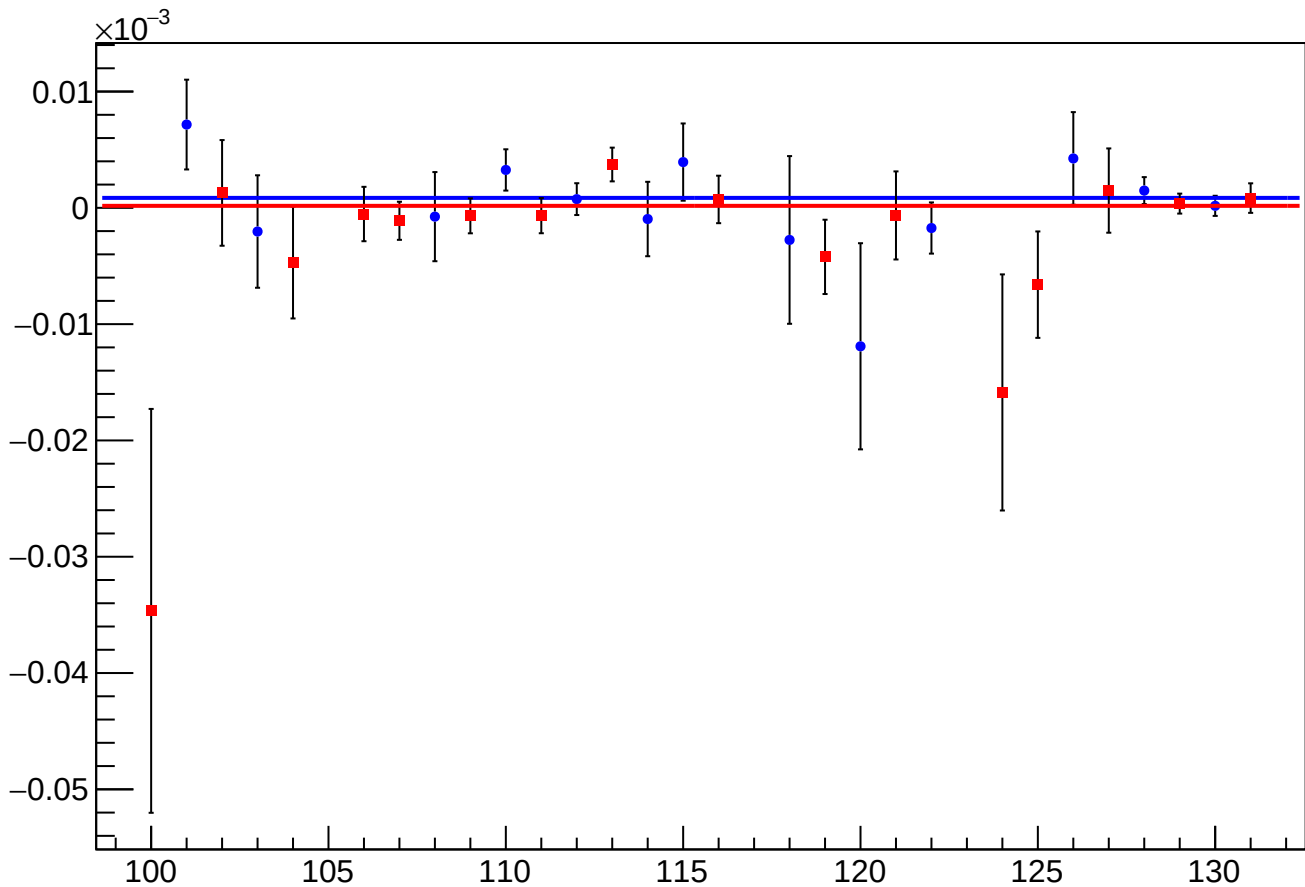
Right: 23.804+/-0.006 χ^2/NDF : 4382618.1/28

In: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.804+/-0.006 χ^2/NDF : 4382618.1/28

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

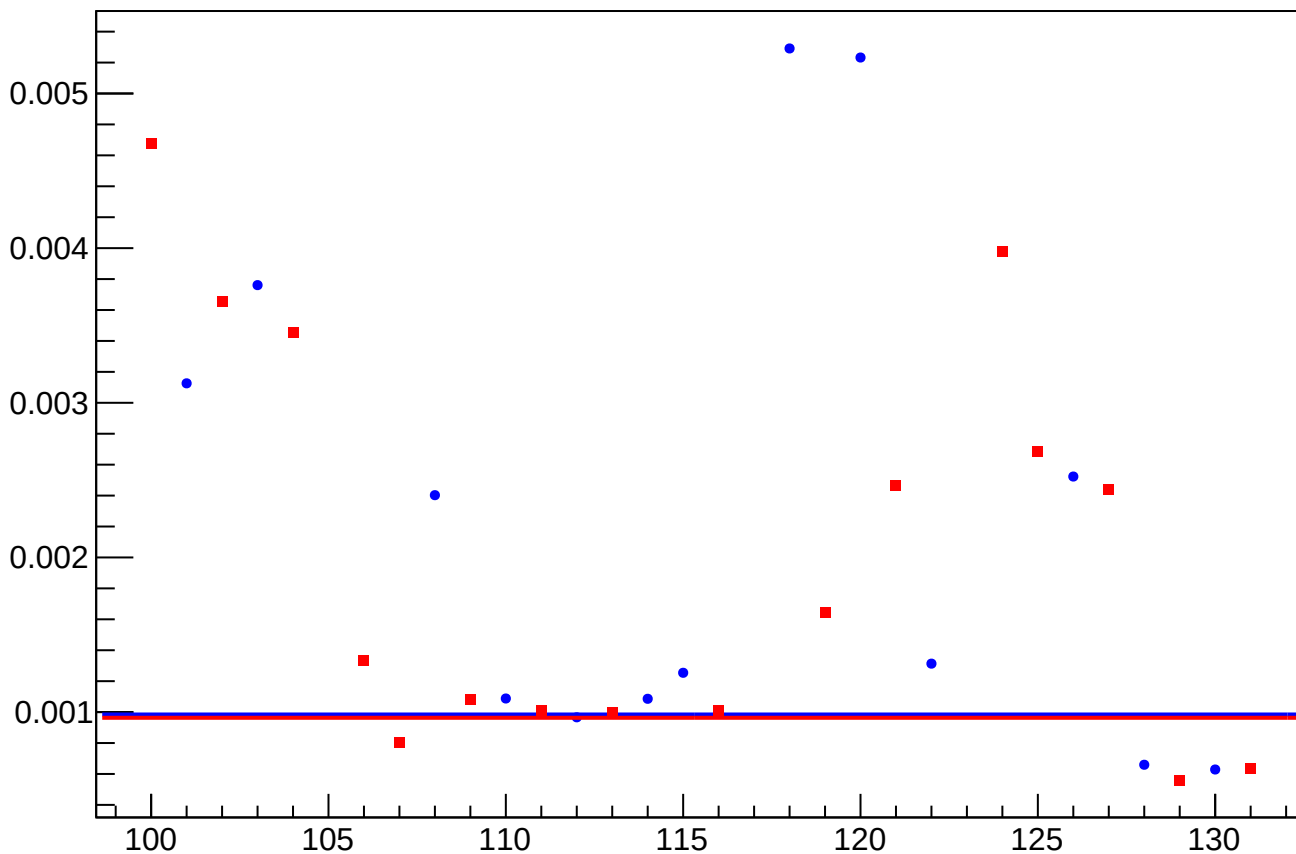
Right: 0.000+/-0.000 χ^2/NDF : 32.1/28

In: 0.000+/-0.000 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.1/28

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3583066.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3196713.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

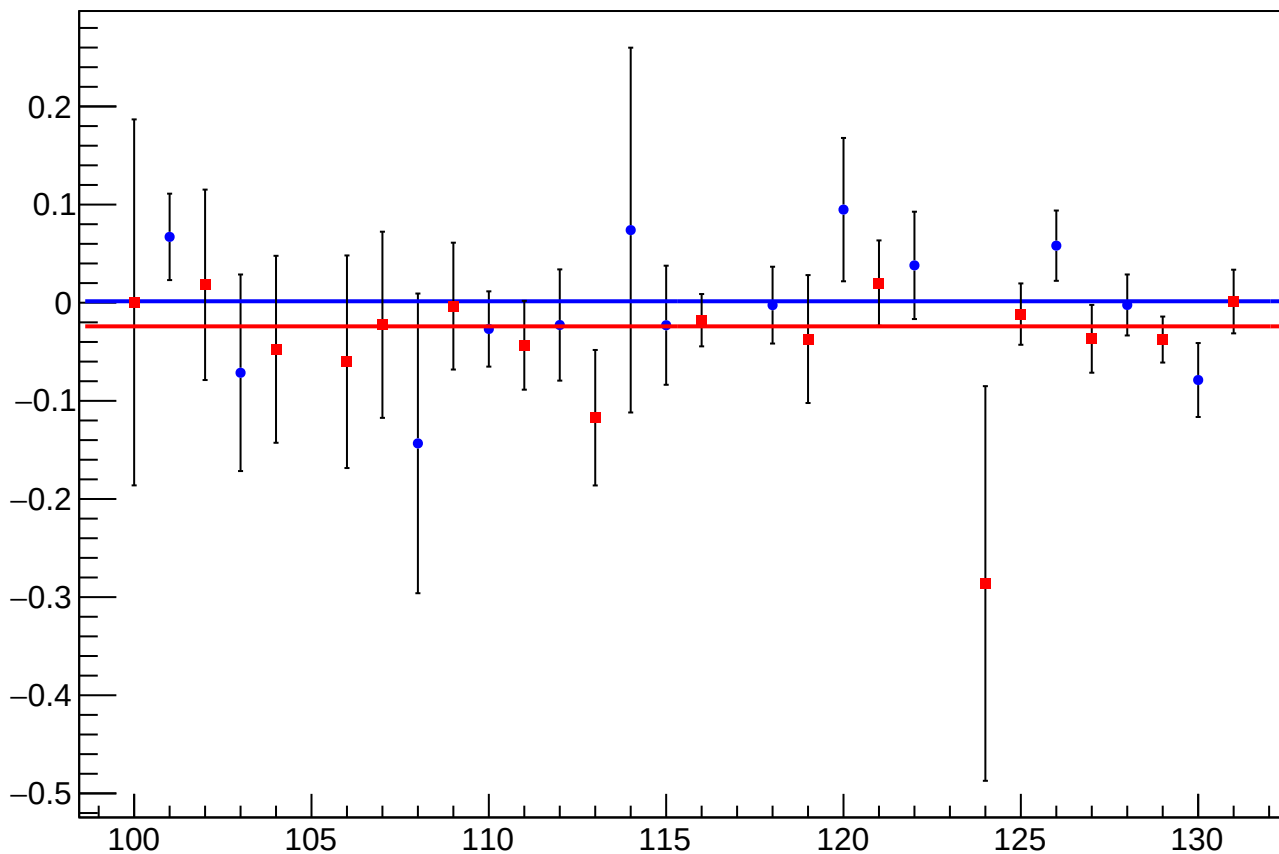
Right: 0.001+/-0.000 χ^2/NDF : 6781606.8/28

In: 0.001+/-0.000 χ^2/NDF :3583066.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6781606.8/28

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

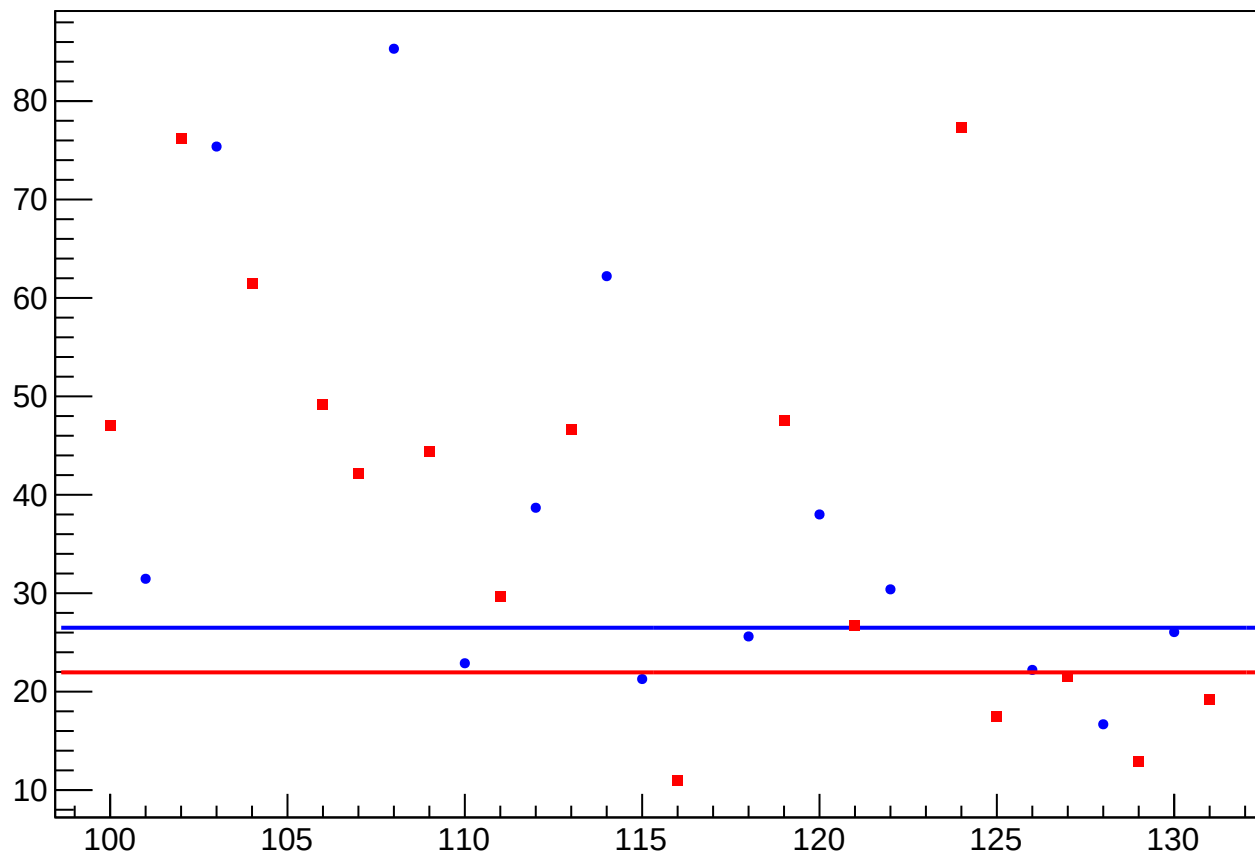
Right: -0.014 $\pm$ 0.008 χ^2 /NDF: 22.6/28

In: 0.001 $\pm$ 0.013 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.008 χ^2 /NDF: 22.6/28

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.957+/-0.008 χ^2/NDF : 2957970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

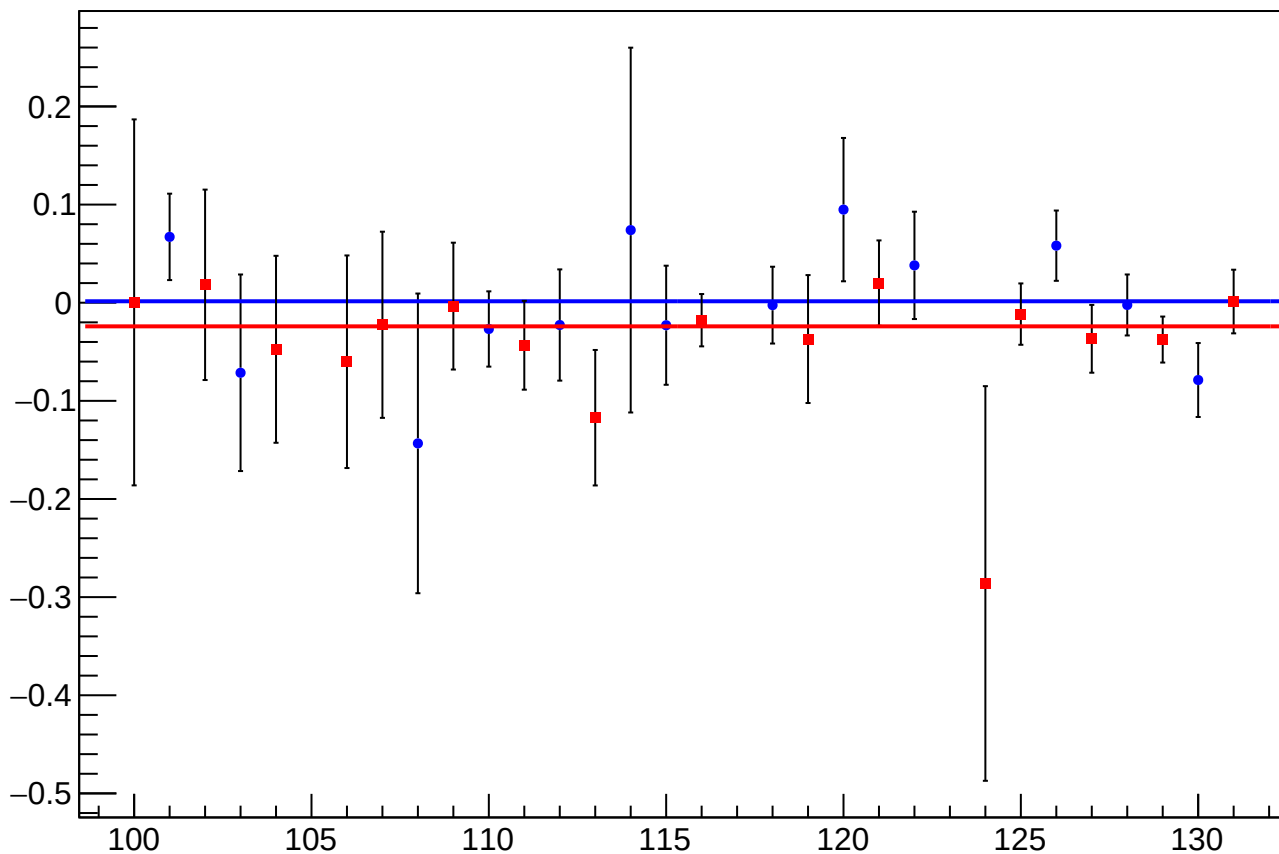
Right: 23.805+/-0.006 χ^2/NDF : 4382432.0/28

In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.805+/-0.006 χ^2/NDF : 4382432.0/28

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.013 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.011 χ^2/NDF : 6.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

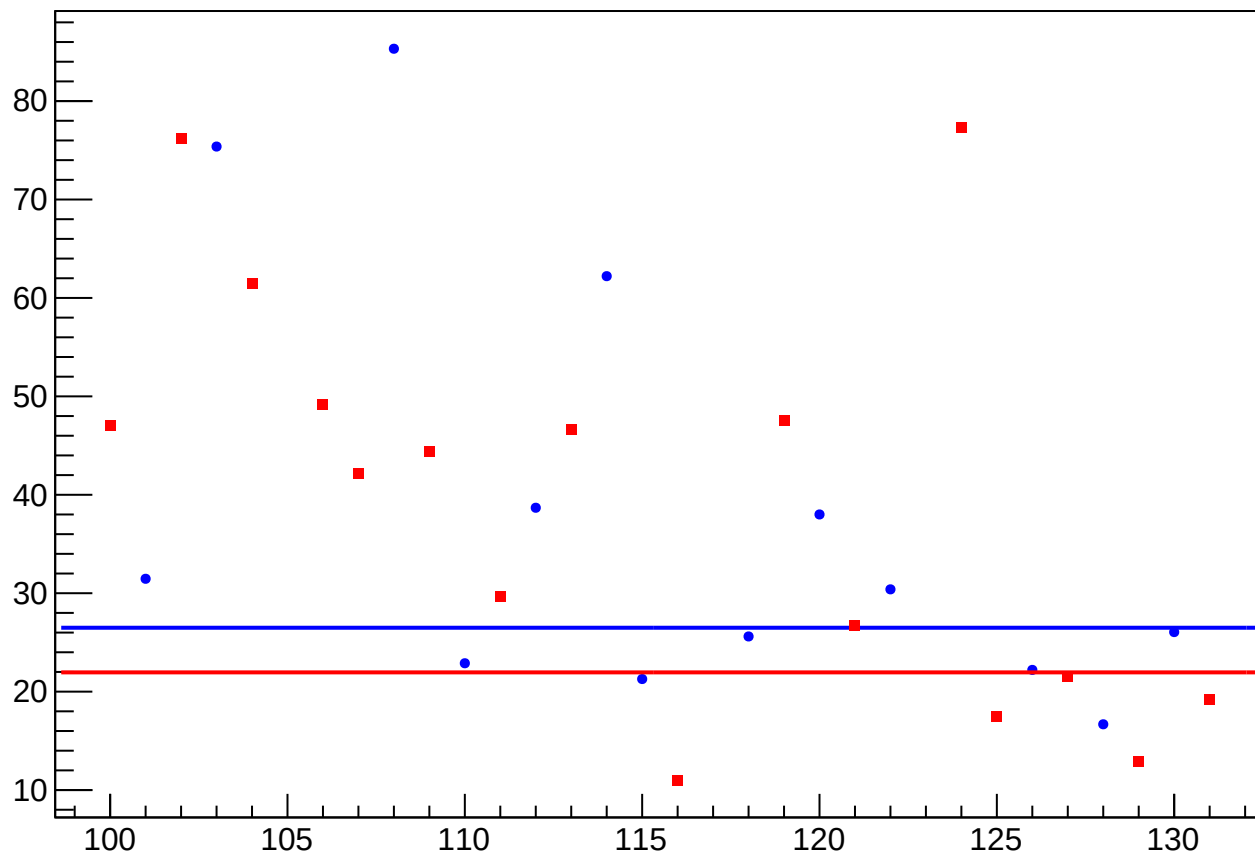
Right: -0.014+/-0.008 χ^2/NDF : 22.6/28

In: 0.001+/-0.013 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.008 χ^2/NDF : 22.6/28

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.957+/-0.008 χ^2/NDF : 2957970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

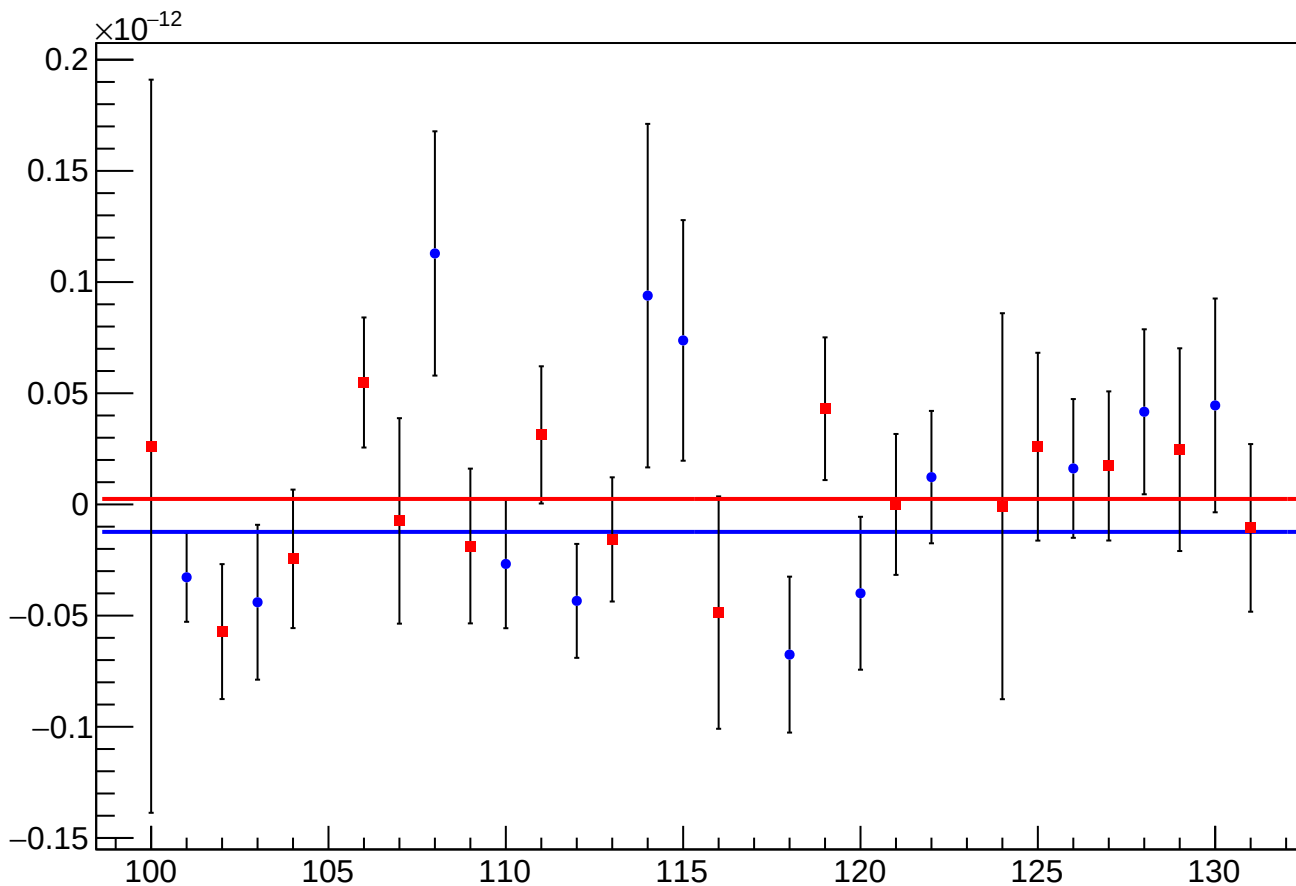
Right: 23.805+/-0.006 χ^2/NDF : 4382432.0/28

In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.805+/-0.006 χ^2/NDF : 4382432.0/28

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

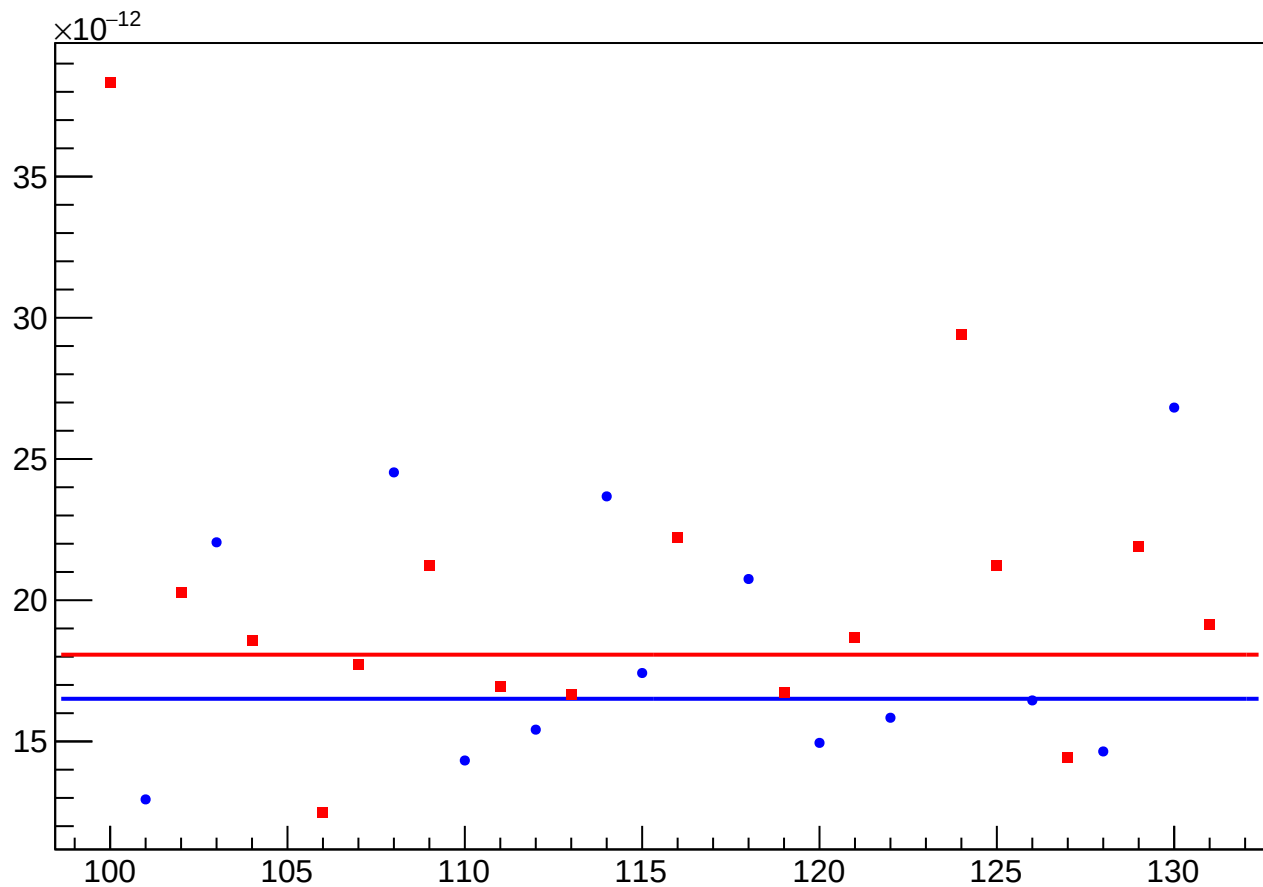
Right: -0.000+/-0.000 χ^2/NDF : 35.7/28

In: -0.000+/-0.000 χ^2/NDF : 21.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.7/28

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 320773.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 239798.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

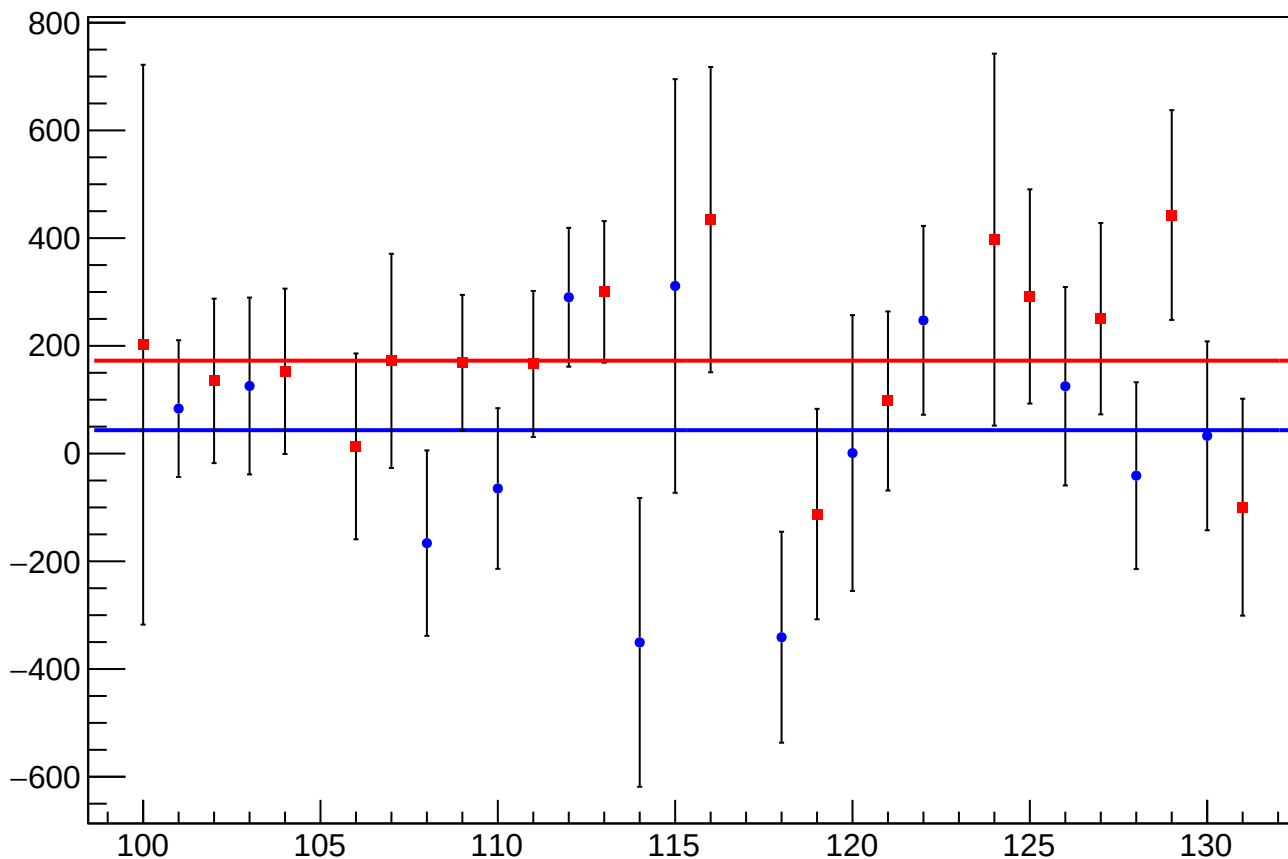
Right: 0.000+/-0.000 χ^2/NDF : 589723.5/28

In: 0.000+/-0.000 χ^2/NDF : 320773.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 589723.5/28

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 43.447+/-48.345 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.502+/-44.084 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

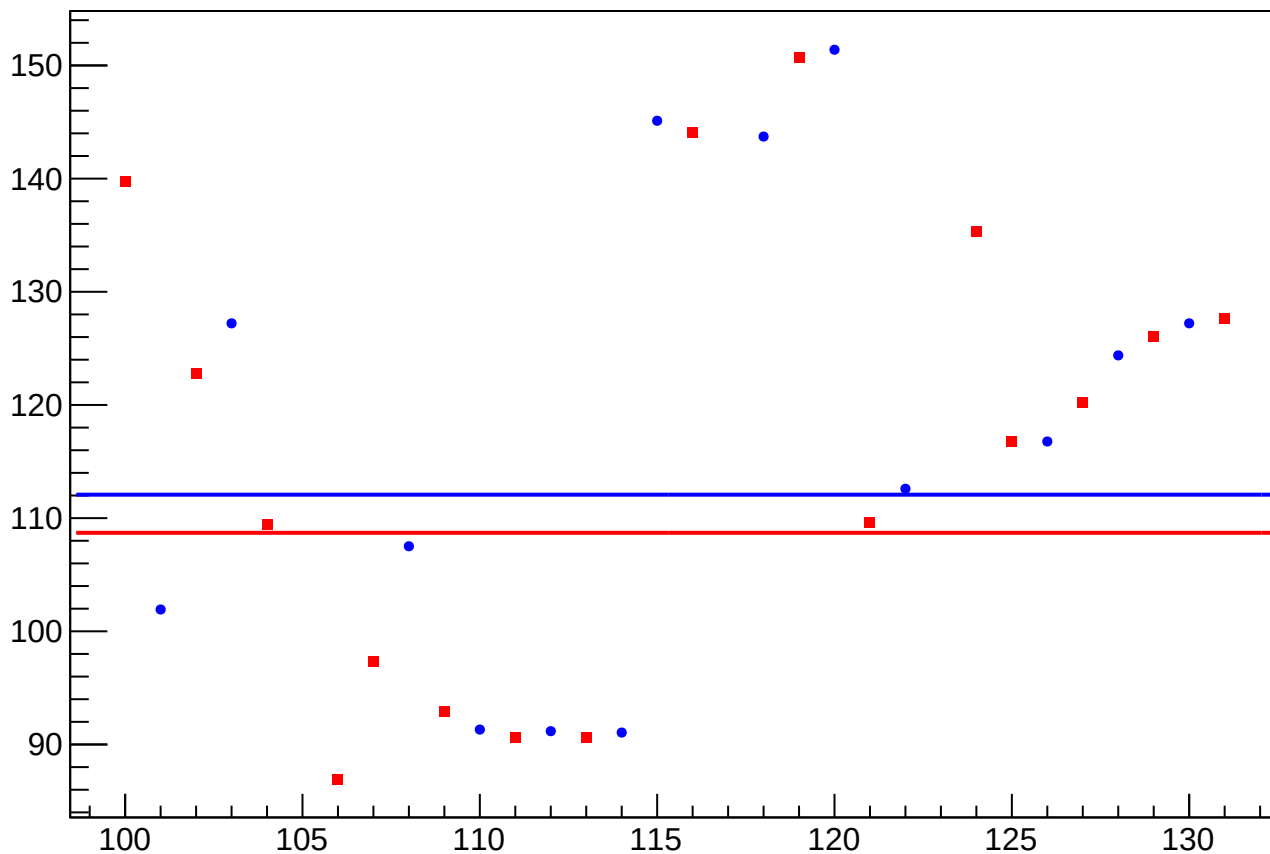
Right: 113.911+/-32.575 χ^2/NDF : 28.0/28

In: 43.447+/-48.345 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.911+/-32.575 χ^2/NDF : 28.0/28

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.073+/-0.034 χ^2/NDF : 275304.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.704+/-0.031 χ^2/NDF : 348621.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

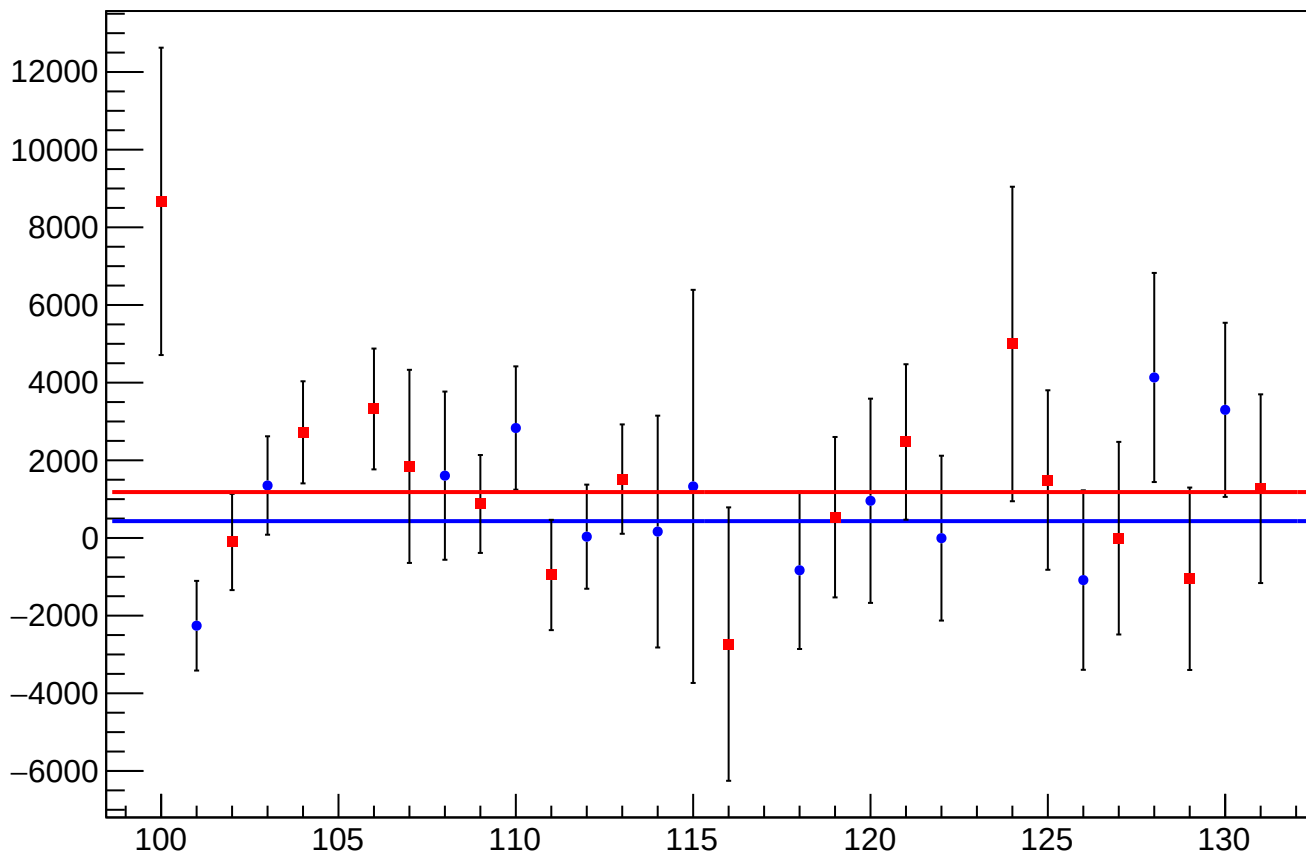
Right: 110.234+/-0.023 χ^2/NDF : 629231.9/28

In: 112.073+/-0.034 χ^2/NDF : 275304.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.234+/-0.023 χ^2/NDF : 629231.9/28

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 433.897 $\pm$ 511.386 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1182.304 $\pm$ 455.299 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

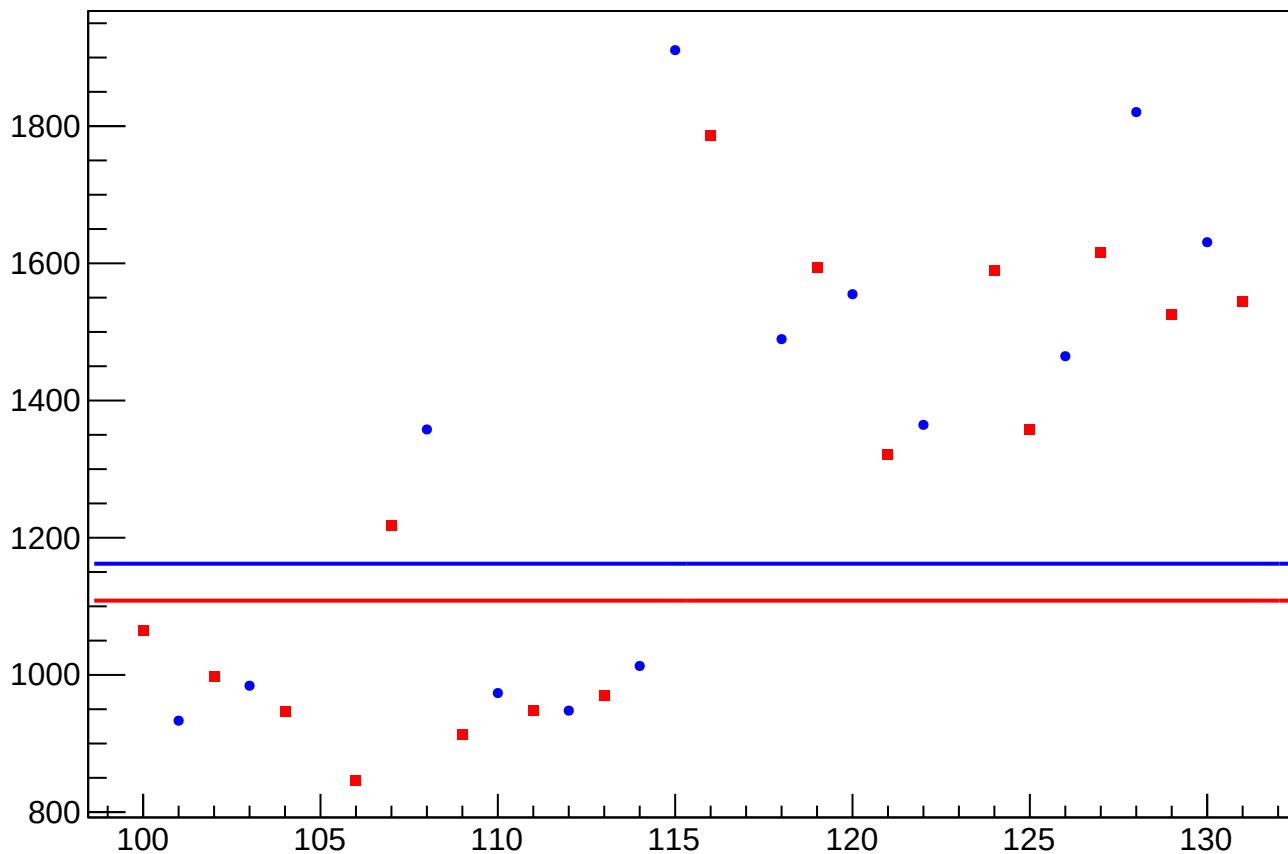
Right: 851.377 $\pm$ 340.052 χ^2 /NDF: 28.4/28

In: 433.897 $\pm$ 511.386 χ^2 /NDF:13.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 851.377 $\pm$ 340.052 χ^2 /NDF: 28.4/28

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1162.133+/-0.362 χ^2/NDF : 618380.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.297+/-0.322 χ^2/NDF : 668831.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

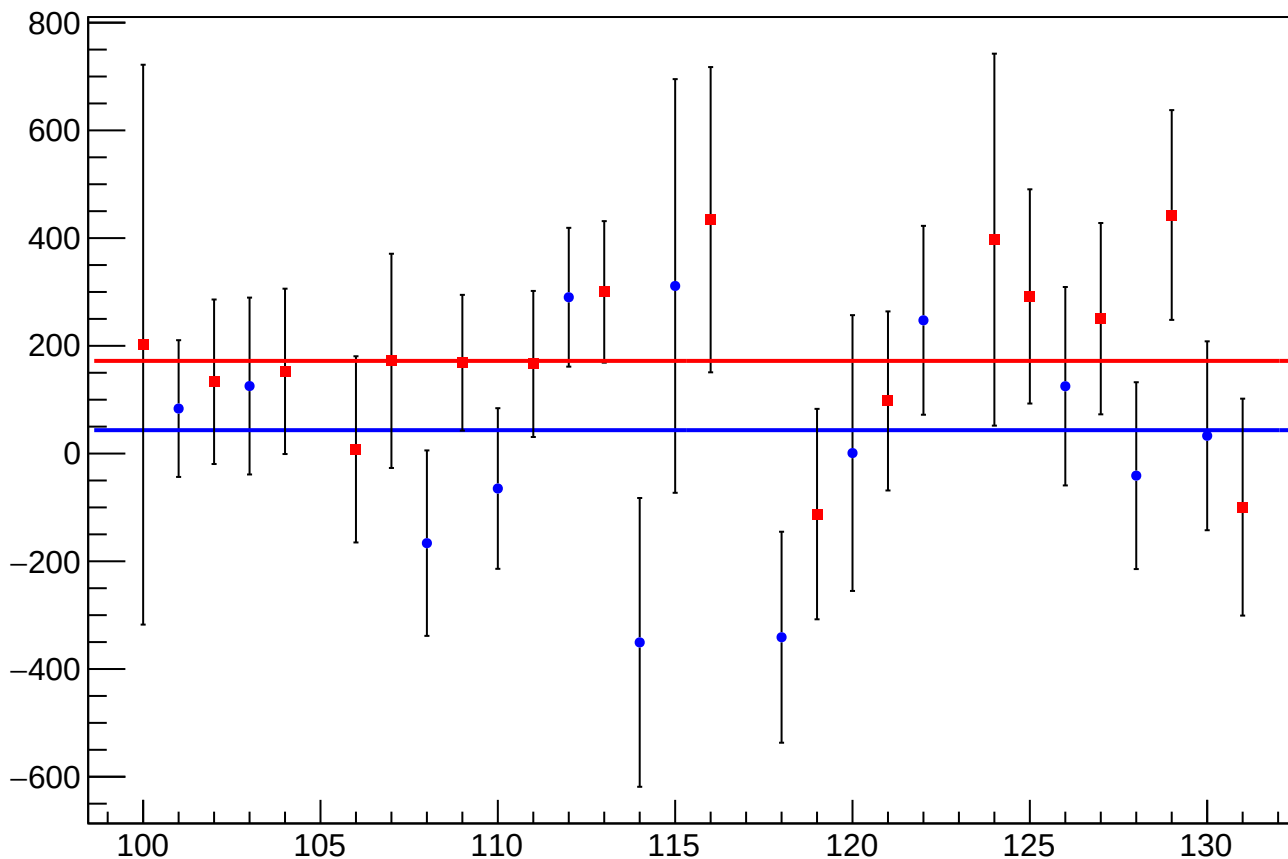
Right: 1132.102+/-0.240 χ^2/NDF : 1299576.1/28

In: 1162.133+/-0.362 χ^2/NDF : 618380.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.102+/-0.240 χ^2/NDF : 1299576.1/28

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.039+/-44.091 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

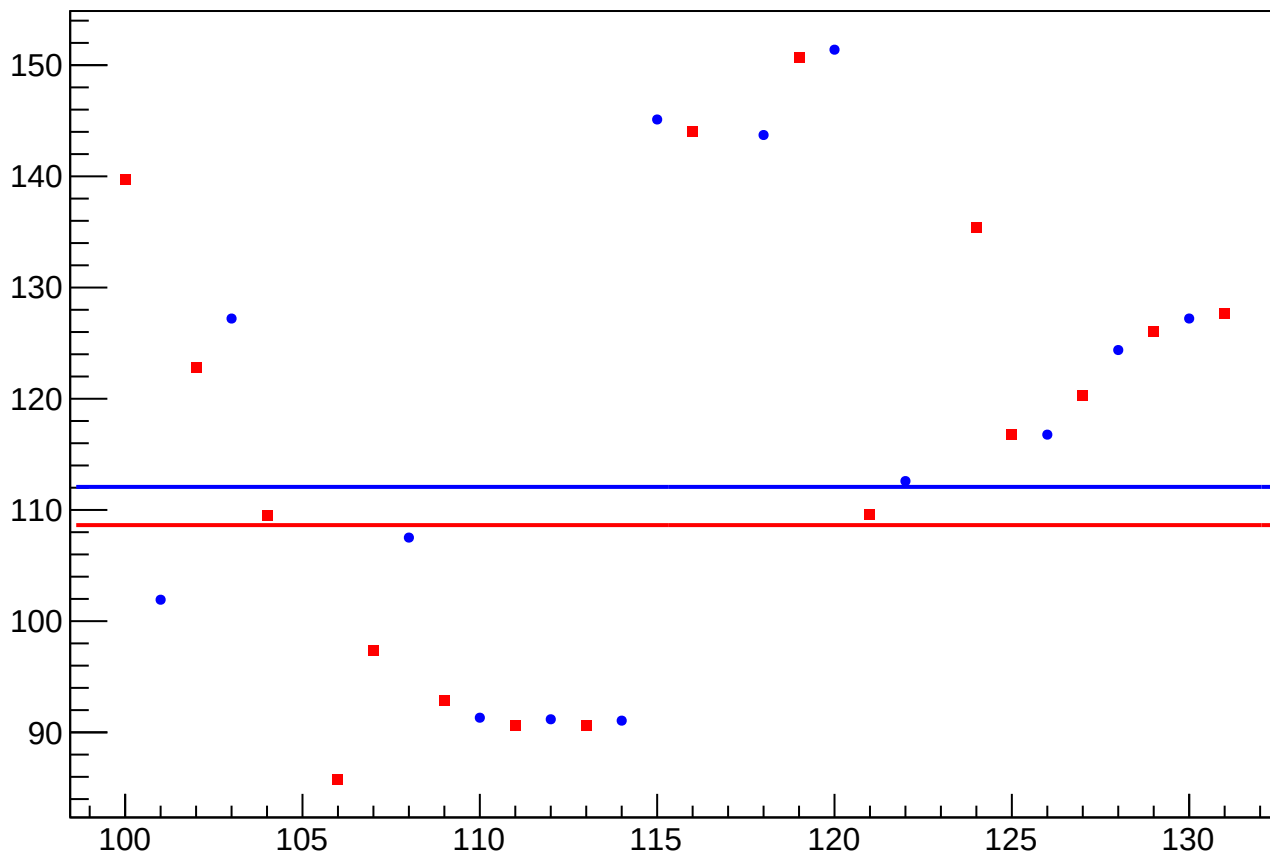
Right: 113.639+/-32.577 χ^2/NDF : 28.1/28

In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.639+/-32.577 χ^2/NDF : 28.1/28

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.637+/-0.031 χ^2/NDF : 352026.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

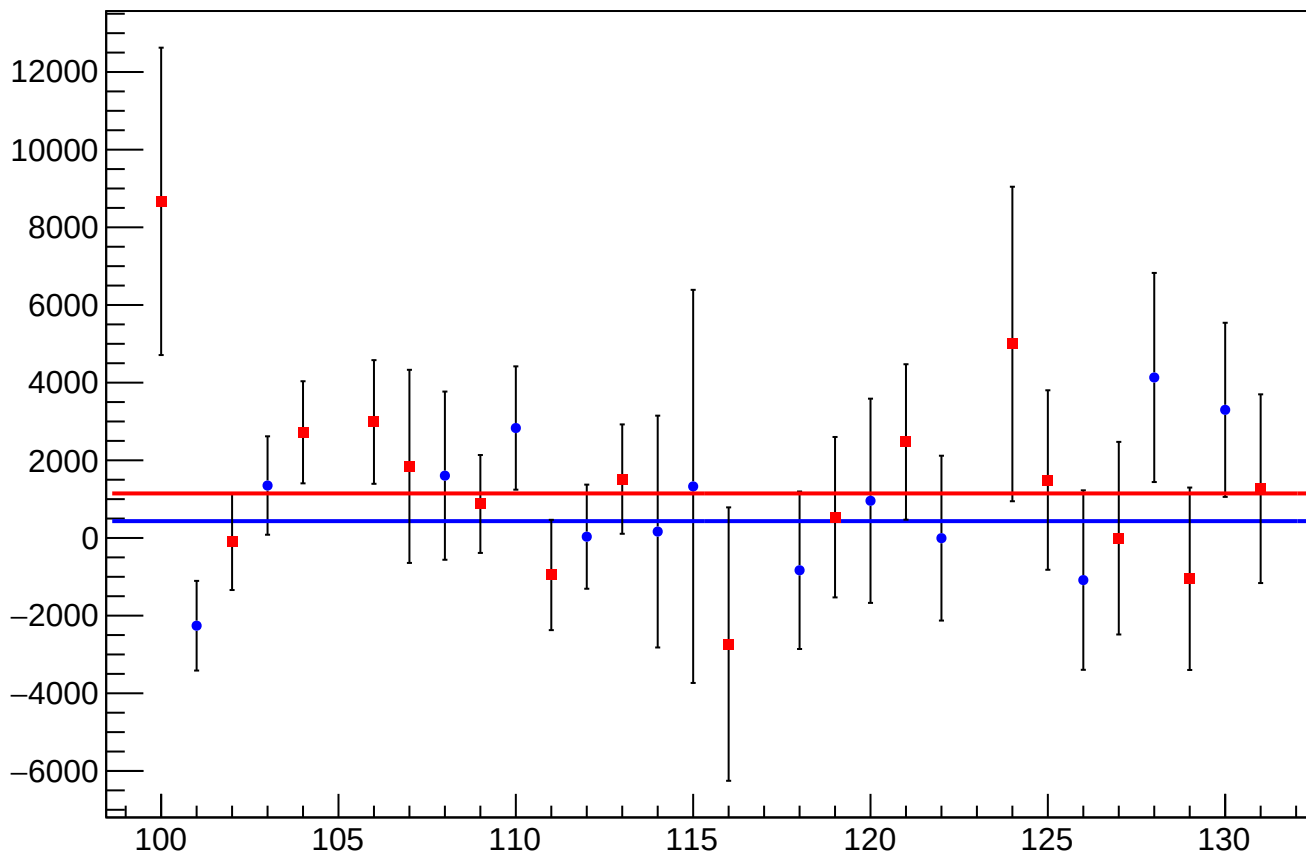
Right: 110.198+/-0.023 χ^2/NDF : 632847.2/28

In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.198+/-0.023 χ^2/NDF : 632847.2/28

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.933+/-456.216 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

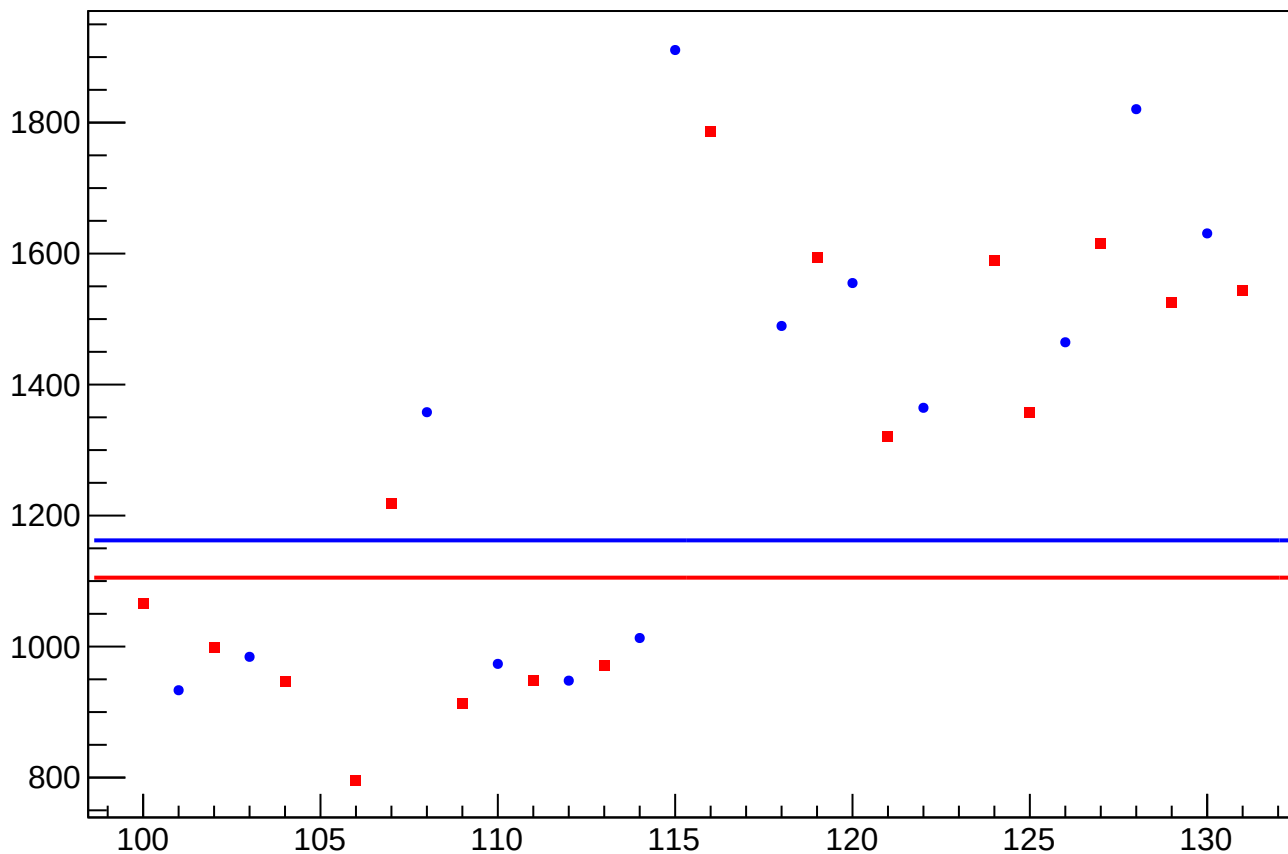
Right: 830.890+/-340.435 χ^2/NDF : 27.7/28

In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.890+/-340.435 χ^2/NDF : 27.7/28

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.233+/-0.323 χ^2/NDF : 688912.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

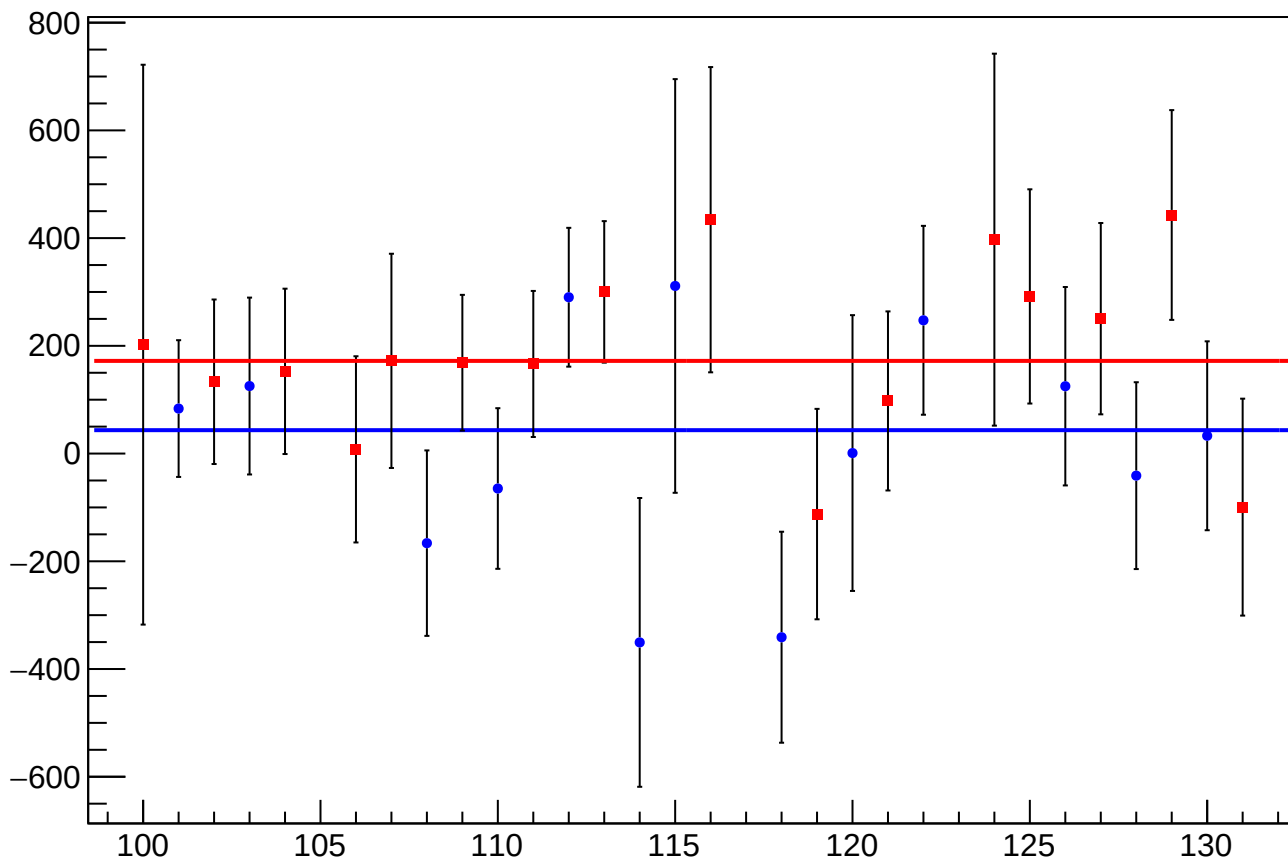
Right: 1130.455+/-0.241 χ^2/NDF : 1321054.6/28

In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.455+/-0.241 χ^2/NDF : 1321054.6/28

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.039+/-44.091 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

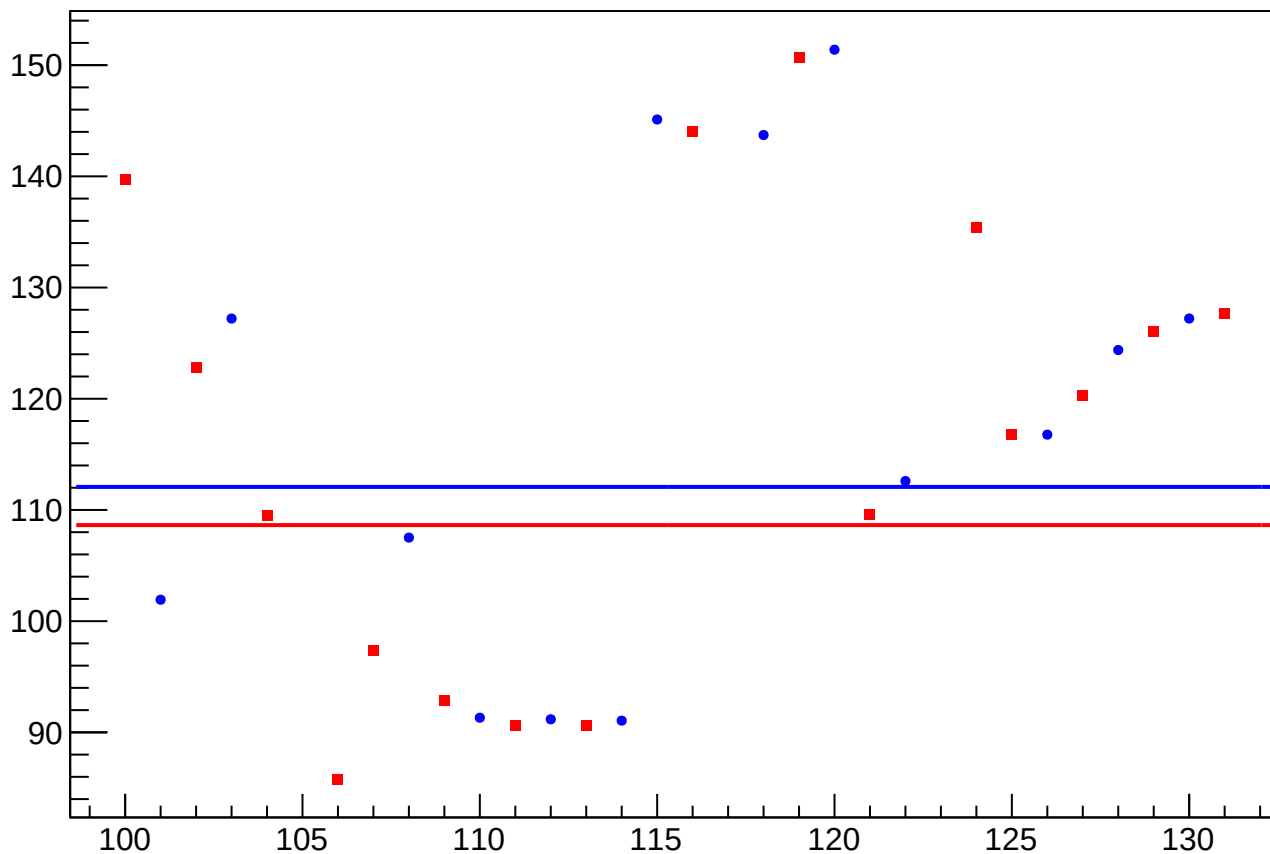
Right: 113.639+/-32.577 χ^2/NDF : 28.1/28

In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.639+/-32.577 χ^2/NDF : 28.1/28

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.637+/-0.031 χ^2/NDF : 352026.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

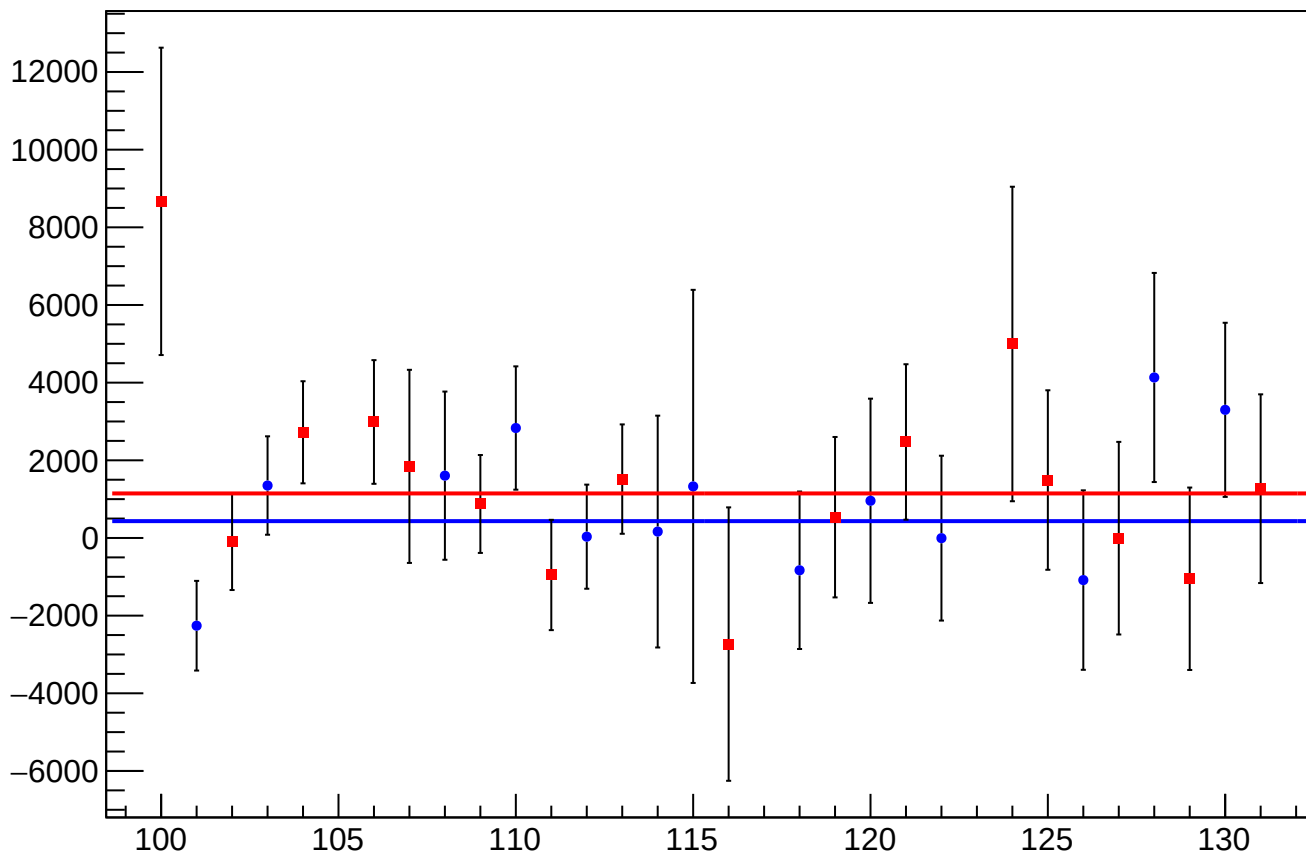
Right: 110.198+/-0.023 χ^2/NDF : 632847.2/28

In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.198+/-0.023 χ^2/NDF : 632847.2/28

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.933+/-456.216 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

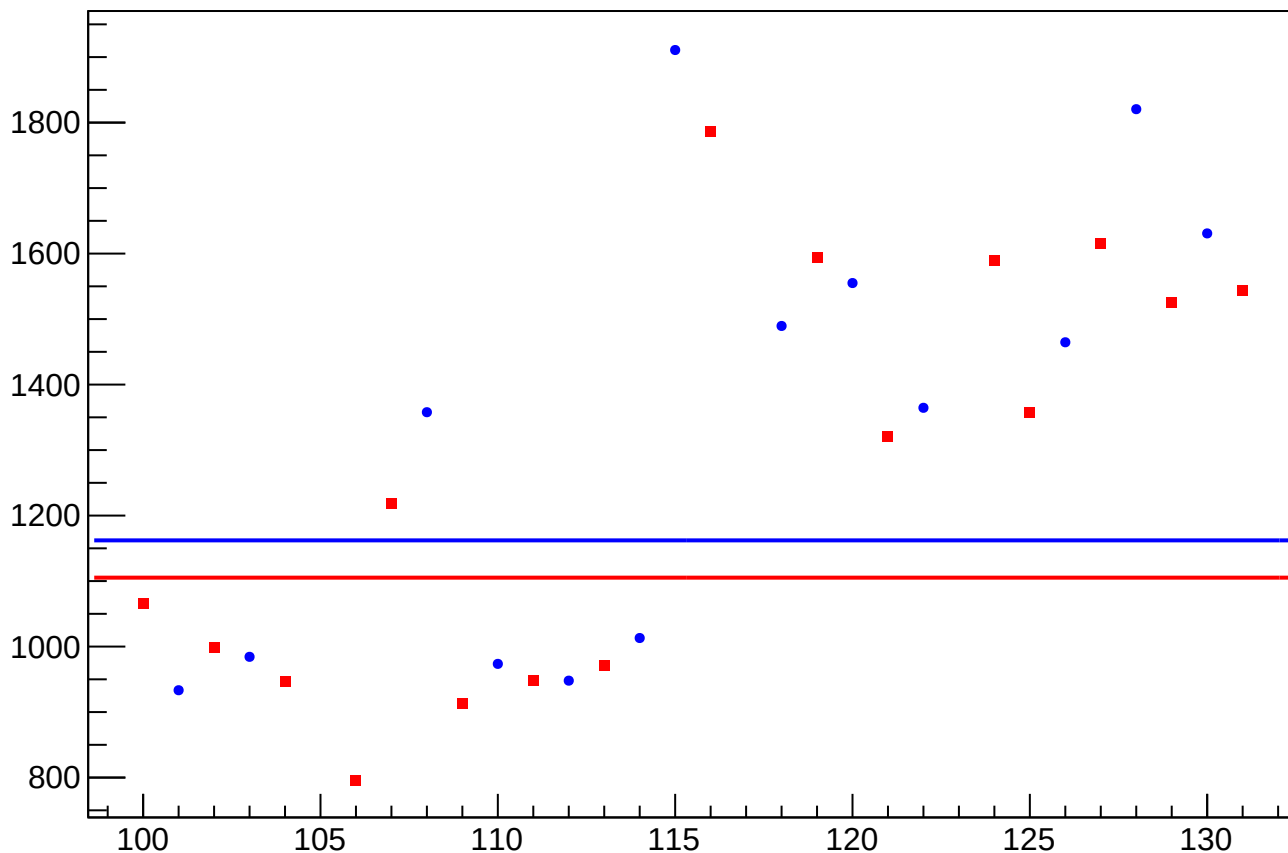
Right: 830.890+/-340.435 χ^2/NDF : 27.7/28

In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.890+/-340.435 χ^2/NDF : 27.7/28

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.233+/-0.323 χ^2/NDF : 688912.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

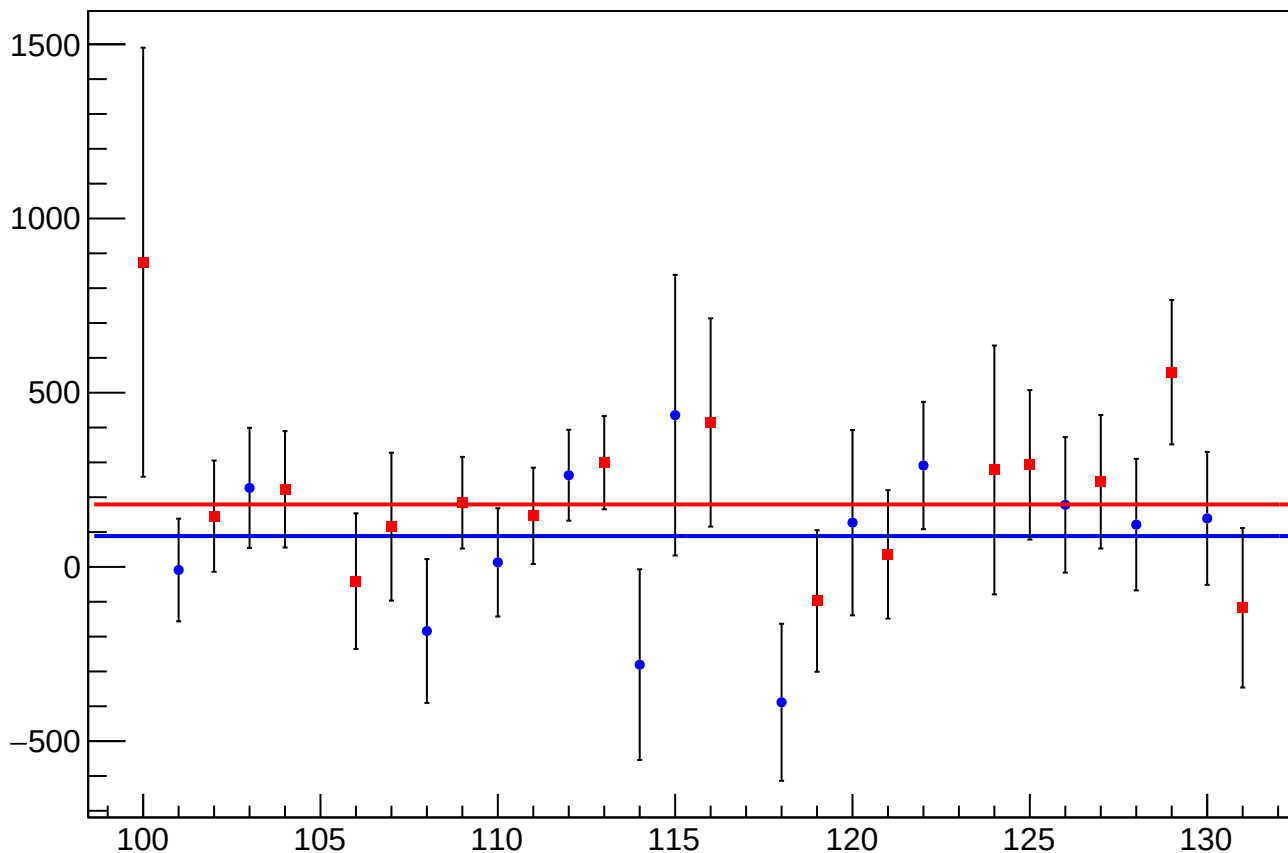
Right: 1130.455+/-0.241 χ^2/NDF : 1321054.6/28

In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.455+/-0.241 χ^2/NDF : 1321054.6/28

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 88.537+/-52.098 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.341+/-46.826 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

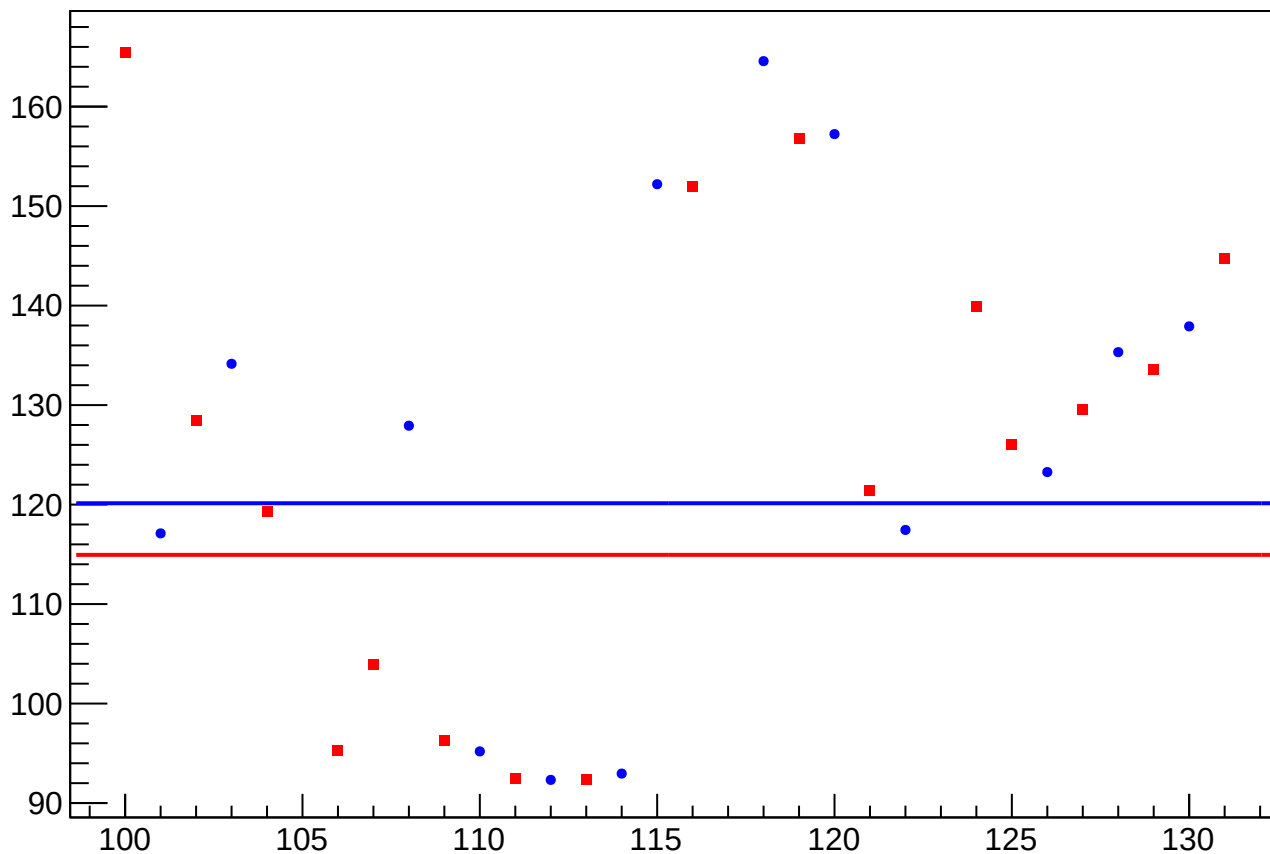
Right: 138.764+/-34.826 χ^2/NDF : 27.3/28

In: 88.537+/-52.098 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.764+/-34.826 χ^2/NDF : 27.3/28

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 120.133+/-0.037 χ^2/NDF : 339491.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 114.946+/-0.033 χ^2/NDF : 399773.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

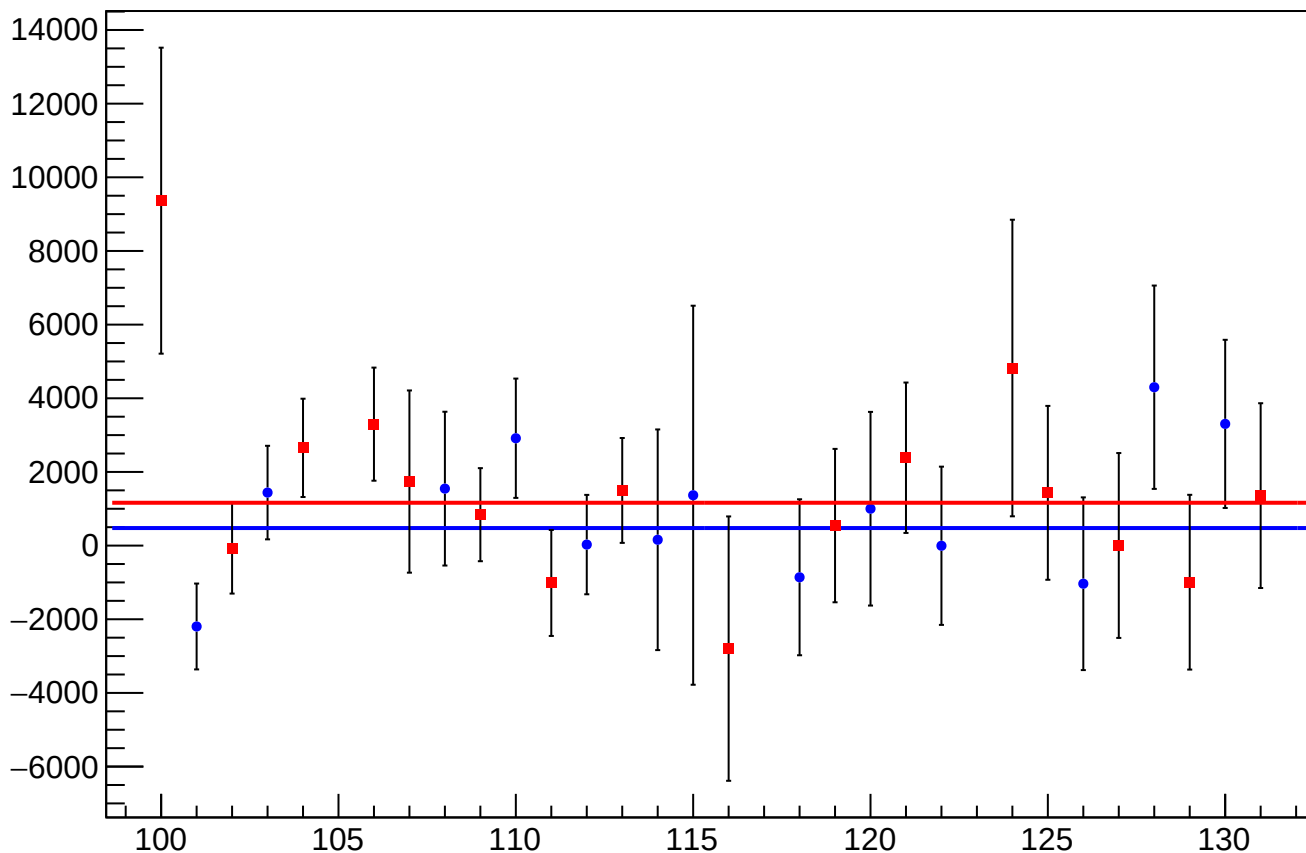
Right: 117.264+/-0.025 χ^2/NDF : 750229.2/28

In: 120.133+/-0.037 χ^2/NDF :339491.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.264+/-0.025 χ^2/NDF : 750229.2/28

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.293+/-458.973 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

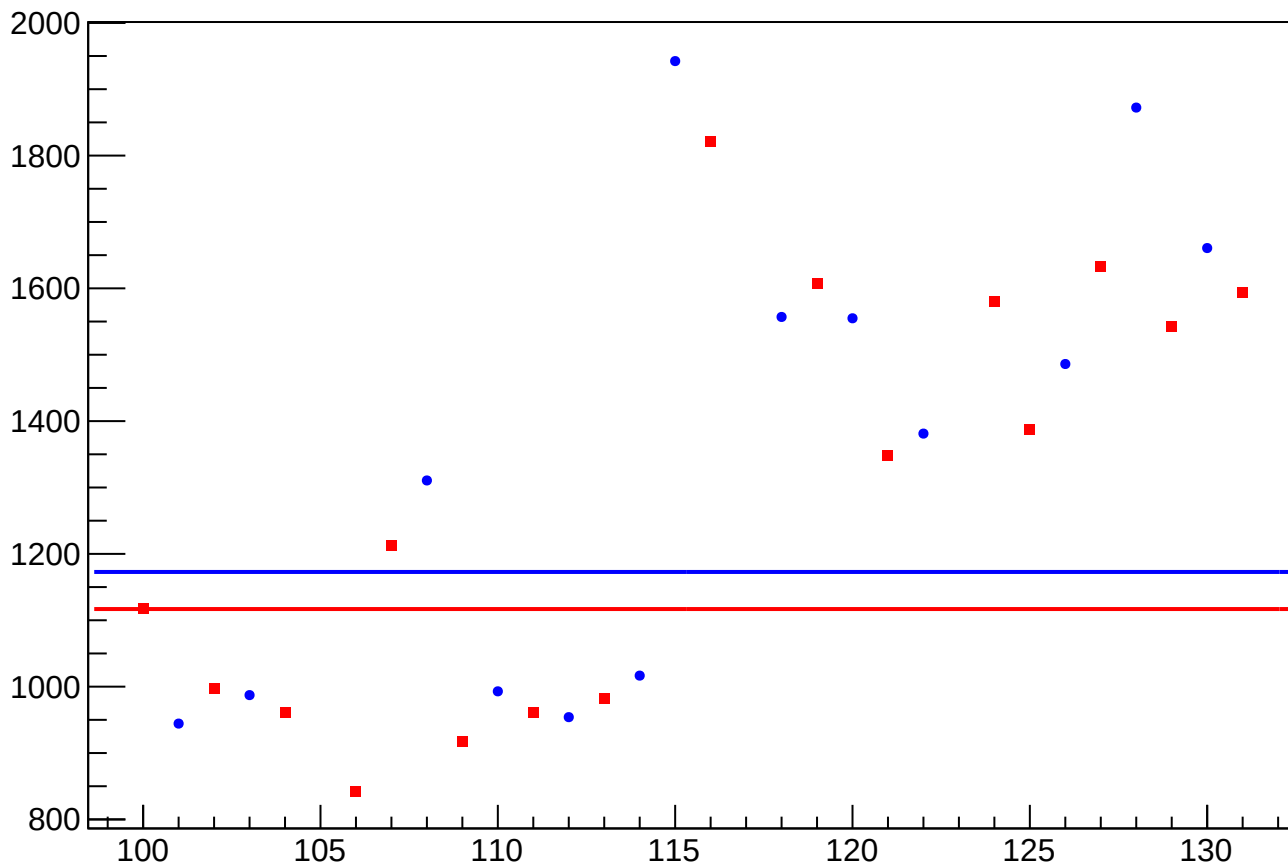
Right: 860.043+/-342.975 χ^2/NDF : 27.9/28

In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.043+/-342.975 χ^2/NDF : 27.9/28

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1172.781+/-0.365 χ^2/NDF : 637895.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.918+/-0.325 χ^2/NDF : 691447.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

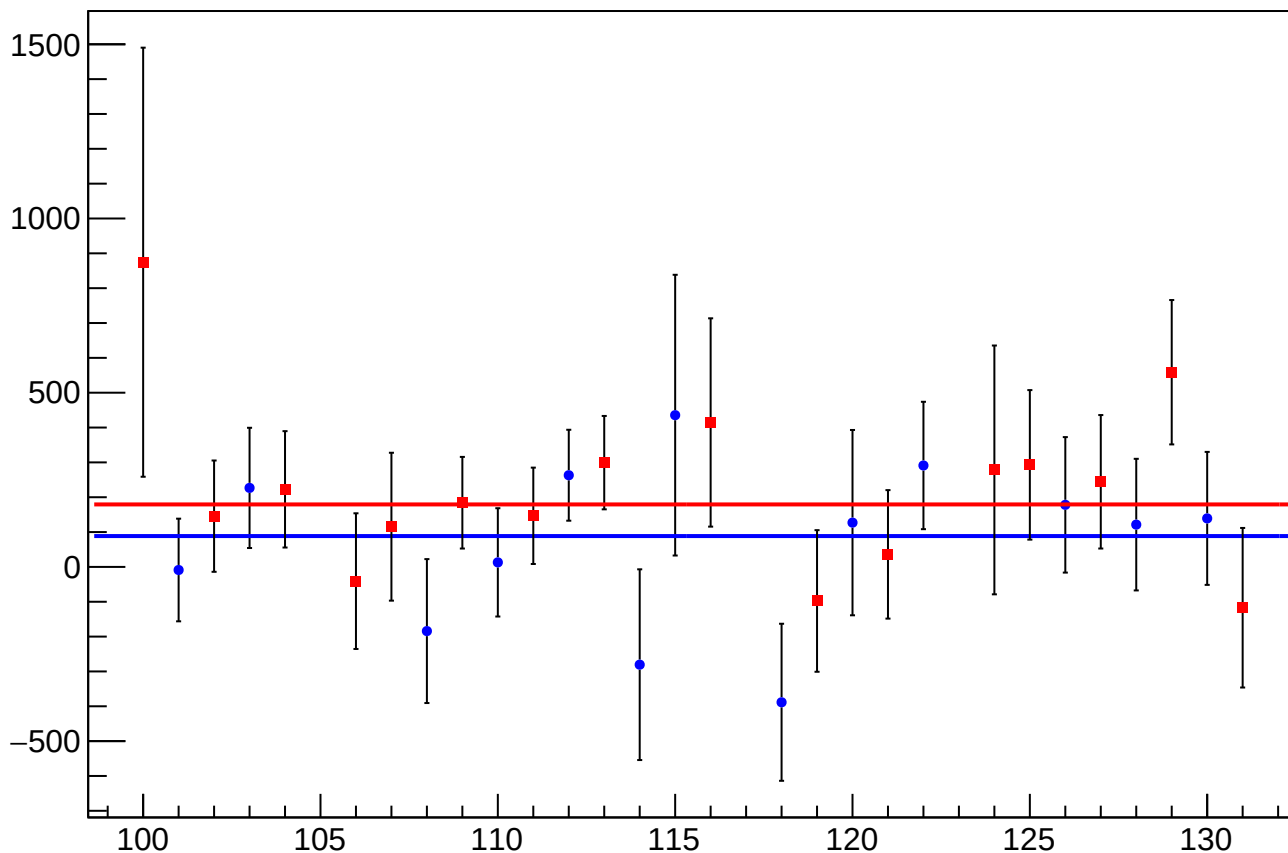
Right: 1141.586+/-0.243 χ^2/NDF : 1342426.4/28

In: 1172.781+/-0.365 χ^2/NDF : 637895.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.586+/-0.243 χ^2/NDF : 1342426.4/28

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 88.538+/-52.098 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.341+/-46.826 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

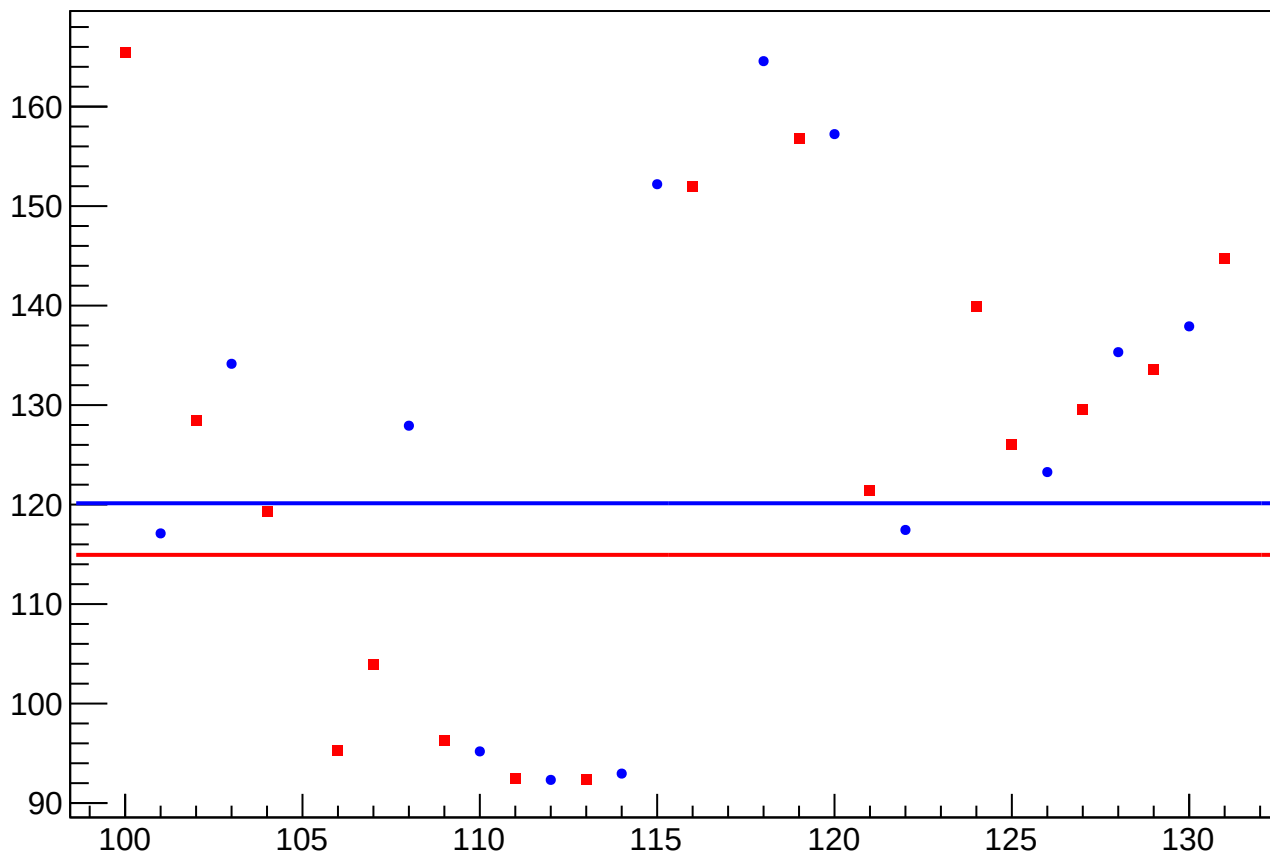
Right: 138.765+/-34.826 χ^2/NDF : 27.3/28

In: 88.538+/-52.098 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.765+/-34.826 χ^2/NDF : 27.3/28

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 120.133+/-0.037 χ^2/NDF : 339496.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 114.946+/-0.033 χ^2/NDF : 399777.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

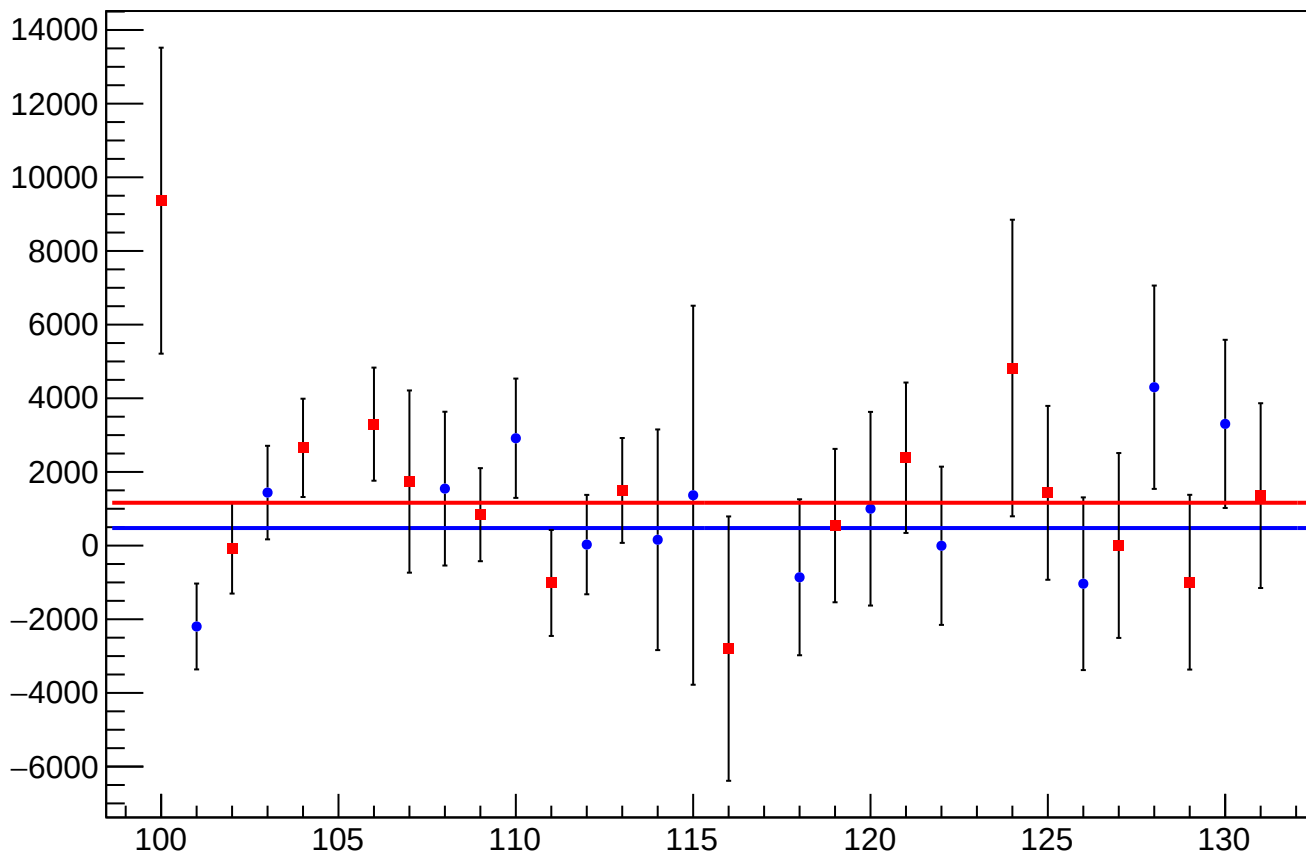
Right: 117.264+/-0.025 χ^2/NDF : 750238.9/28

In: 120.133+/-0.037 χ^2/NDF :339496.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.264+/-0.025 χ^2/NDF : 750238.9/28

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.293+/-458.973 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

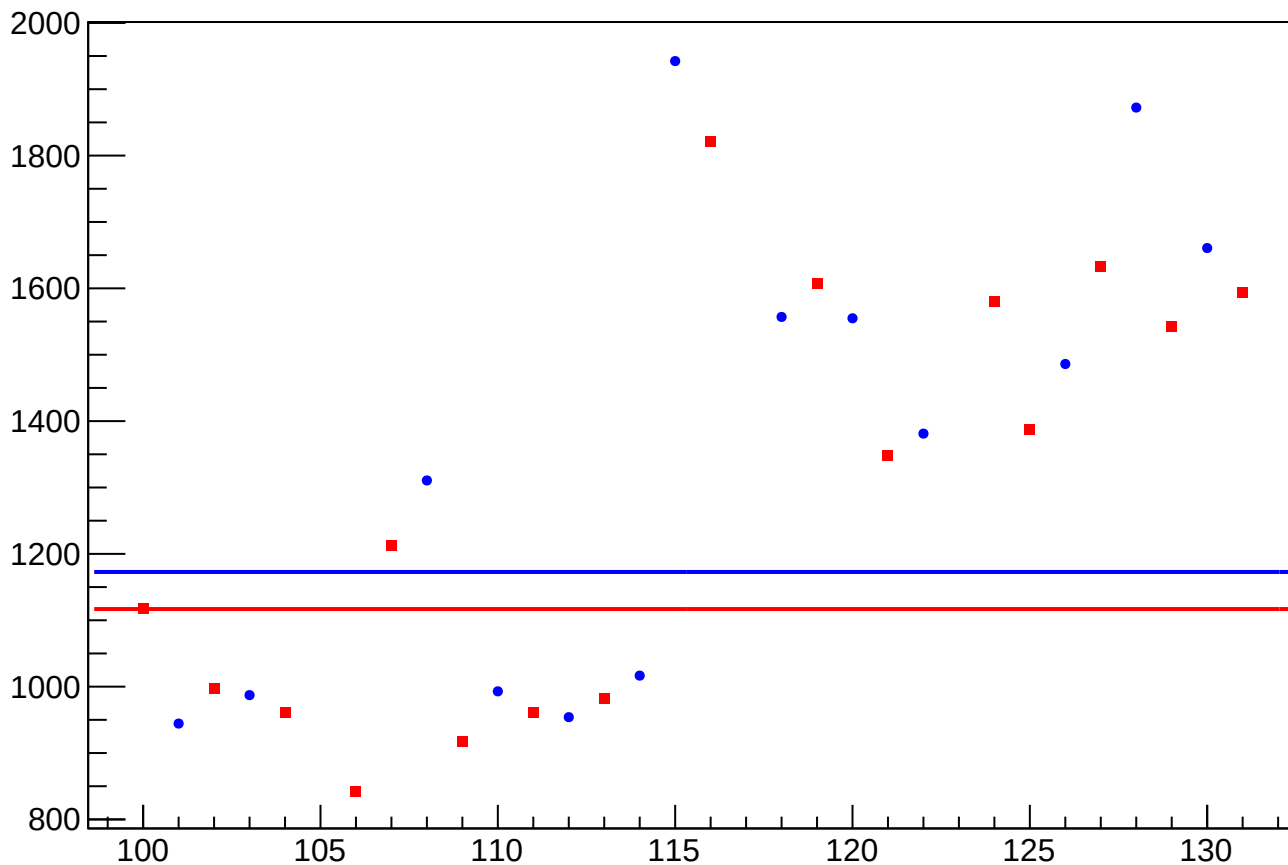
Right: 860.043+/-342.975 χ^2/NDF : 27.9/28

In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.043+/-342.975 χ^2/NDF : 27.9/28

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1172.781+/-0.365 χ^2/NDF : 637896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.918+/-0.325 χ^2/NDF : 691449.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

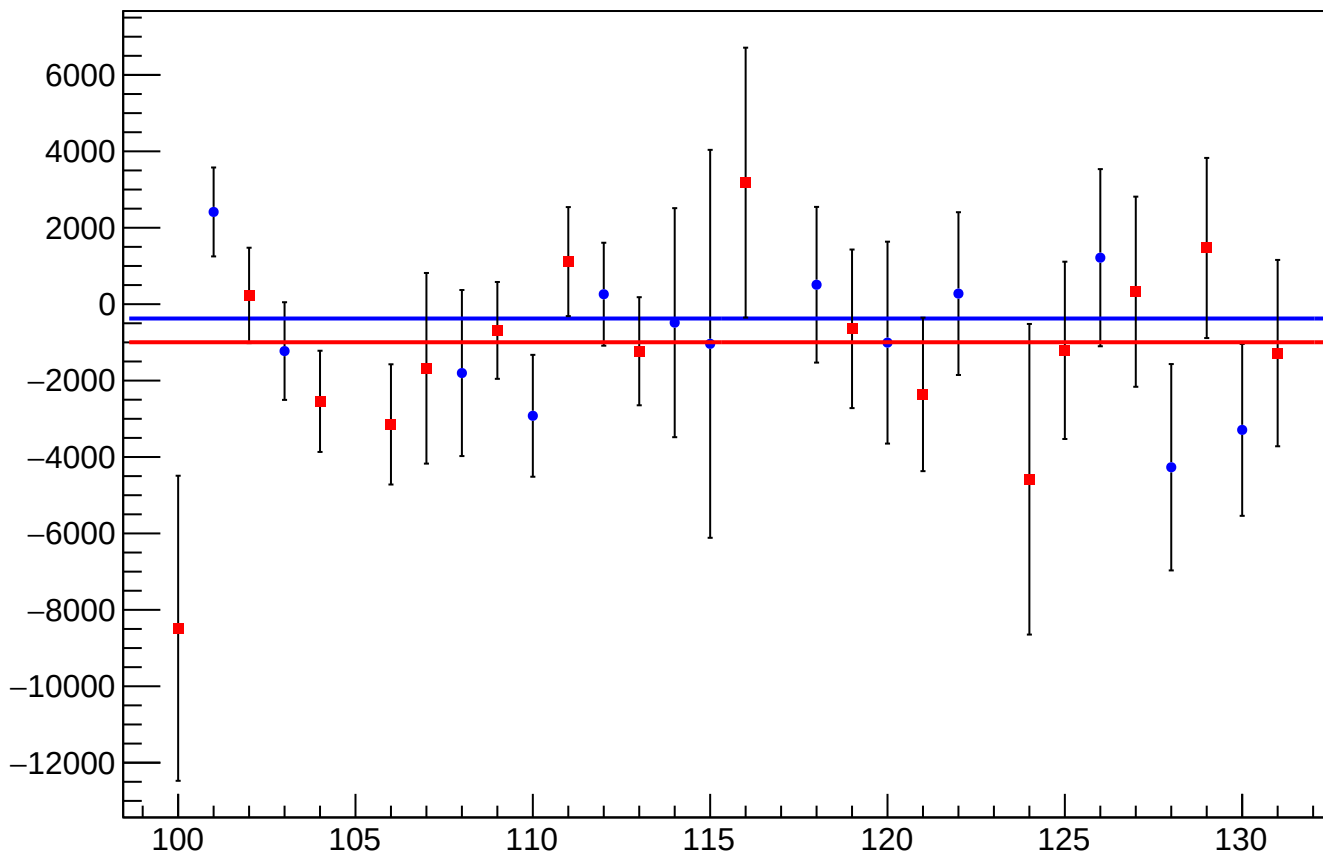
Right: 1141.586+/-0.243 χ^2/NDF : 1342430.1/28

In: 1172.781+/-0.365 χ^2/NDF : 637896.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.586+/-0.243 χ^2/NDF : 1342430.1/28

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -375.206+/-514.181 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -996.370+/-457.910 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

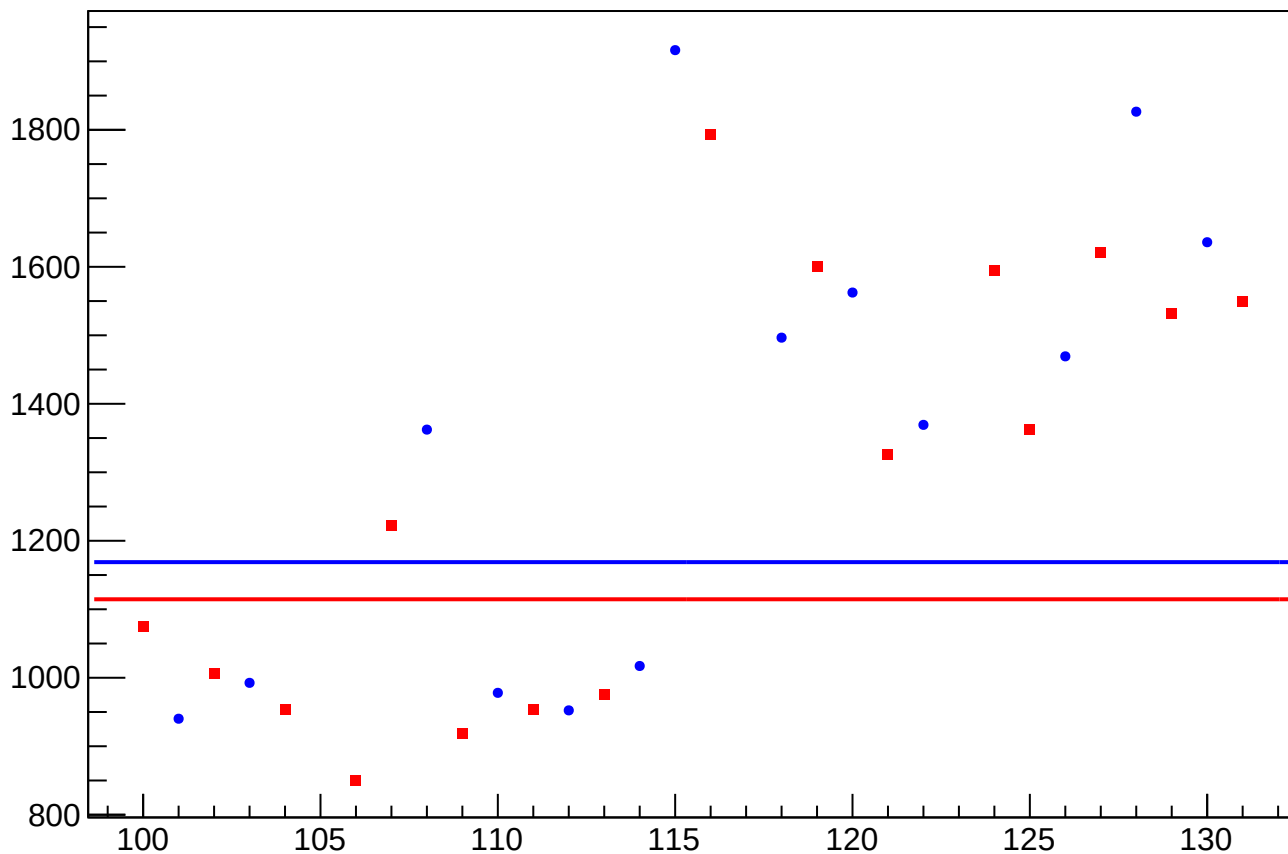
Right: -721.625+/-341.962 χ^2/NDF : 28.9/28

In: -375.206+/-514.181 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.625+/-341.962 χ^2/NDF : 28.9/28

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1168.819+/-0.364 χ^2/NDF : 612182.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.582+/-0.324 χ^2/NDF : 663430.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

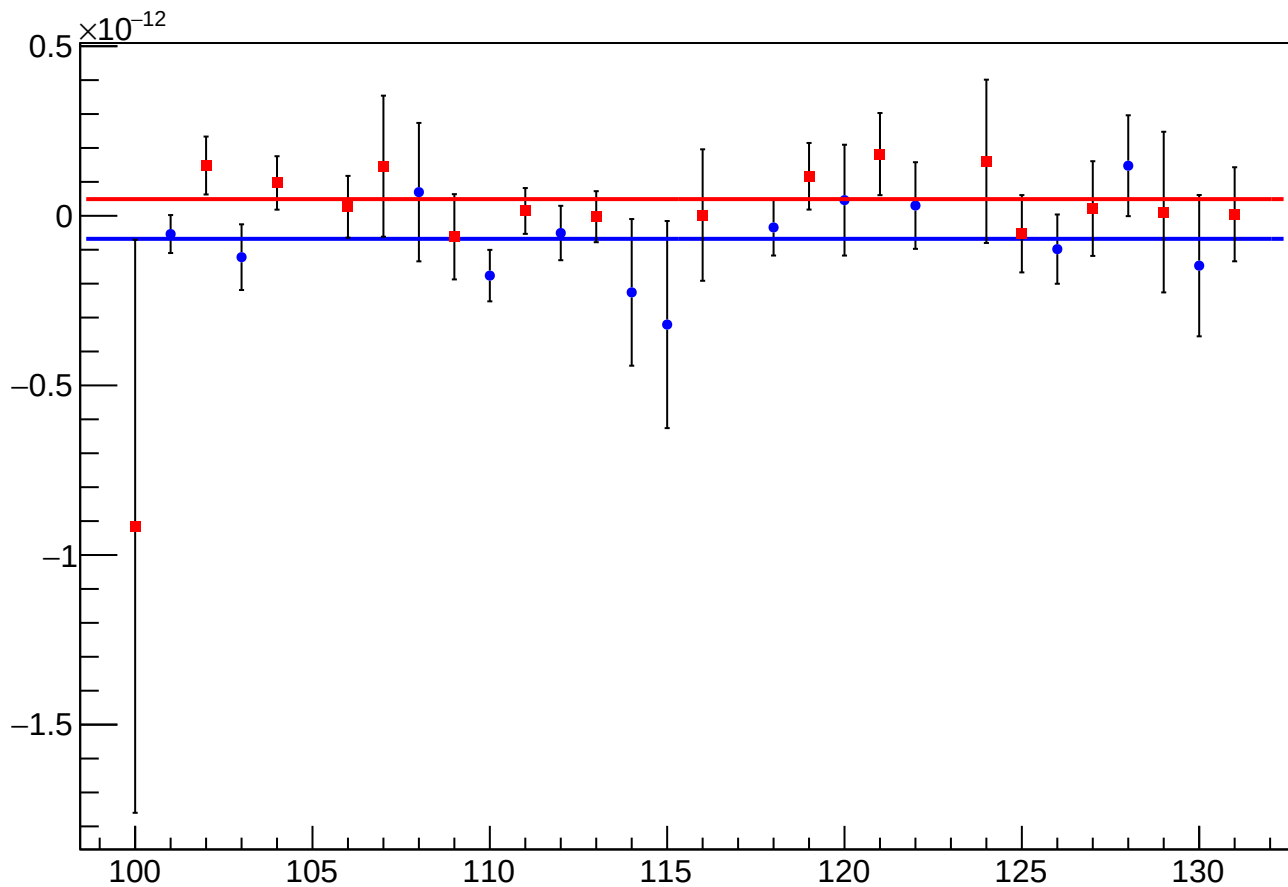
Right: 1138.572+/-0.242 χ^2/NDF : 1288023.3/28

In: 1168.819+/-0.364 χ^2/NDF : 612182.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.572+/-0.242 χ^2/NDF : 1288023.3/28

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

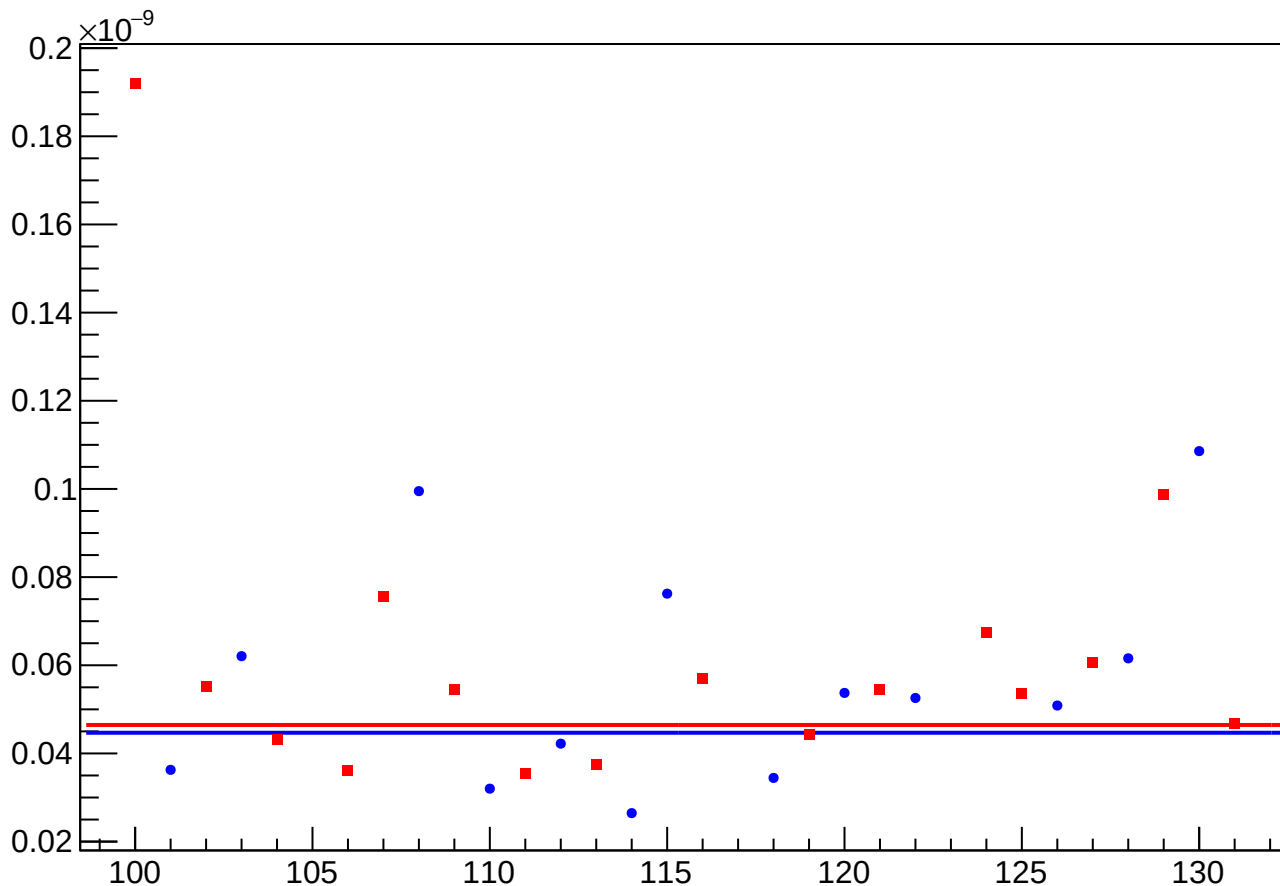
Right: -0.000+/-0.000 χ^2 /NDF: 24.1/28

In: -0.000+/-0.000 χ^2 /NDF:7.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.1/28

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 612866.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 395059.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

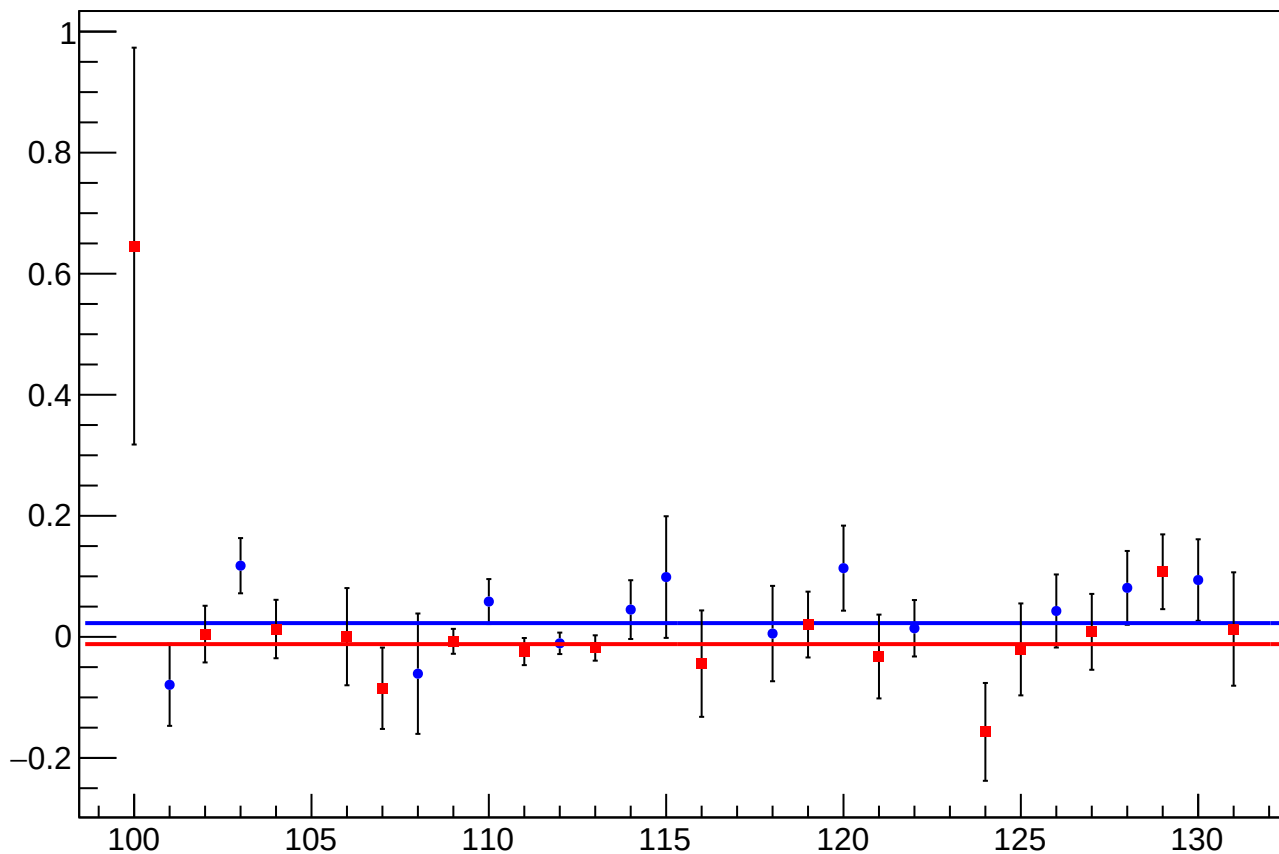
Right: 0.000+/-0.000 χ^2/NDF : 1011890.9/28

In: 0.000+/-0.000 χ^2/NDF :612866.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1011890.9/28

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.012 χ^2/NDF : 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 $\pm$ 0.010 χ^2/NDF : 13.8/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

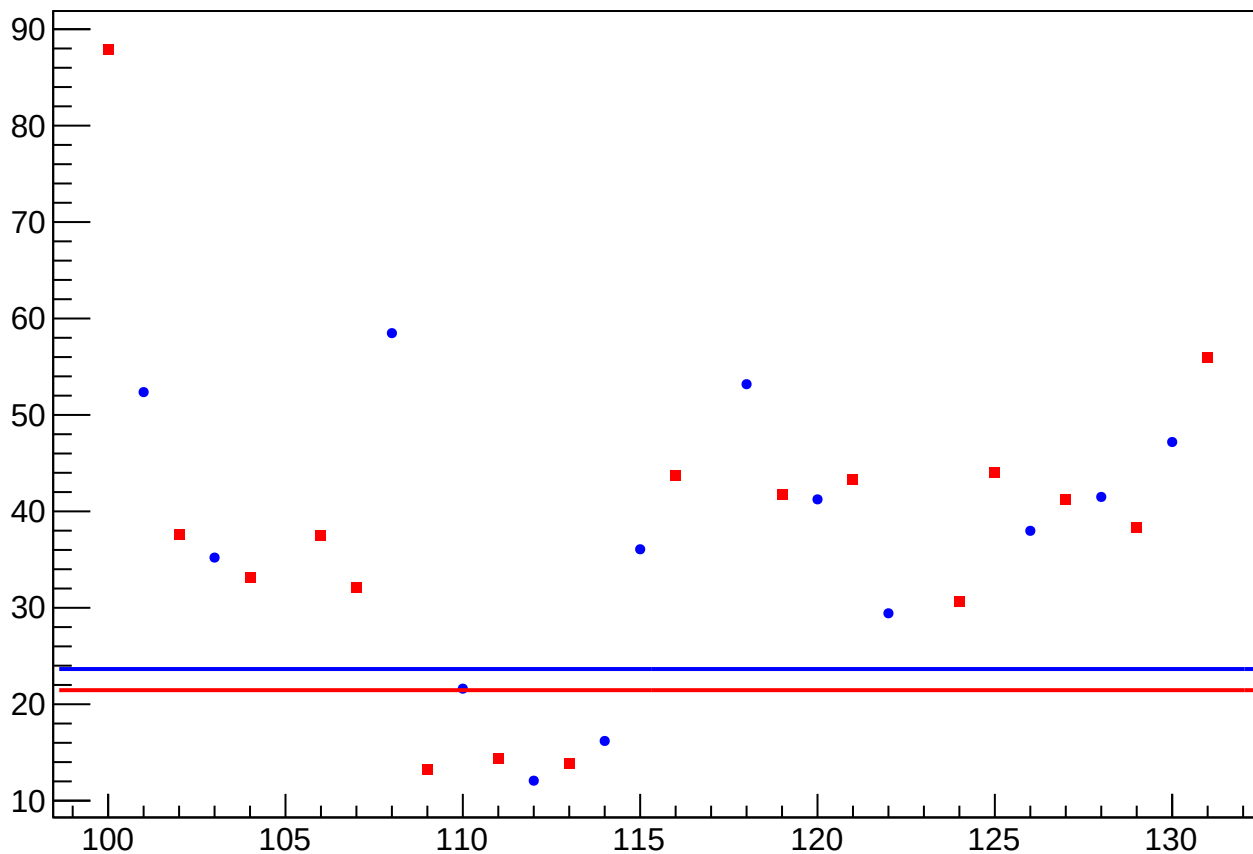
Right: 0.003 $\pm$ 0.008 χ^2/NDF : 35.0/28

In: 0.023 $\pm$ 0.012 χ^2/NDF : 16.4/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.003 $\pm$ 0.008 χ^2/NDF : 35.0/28

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775880.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

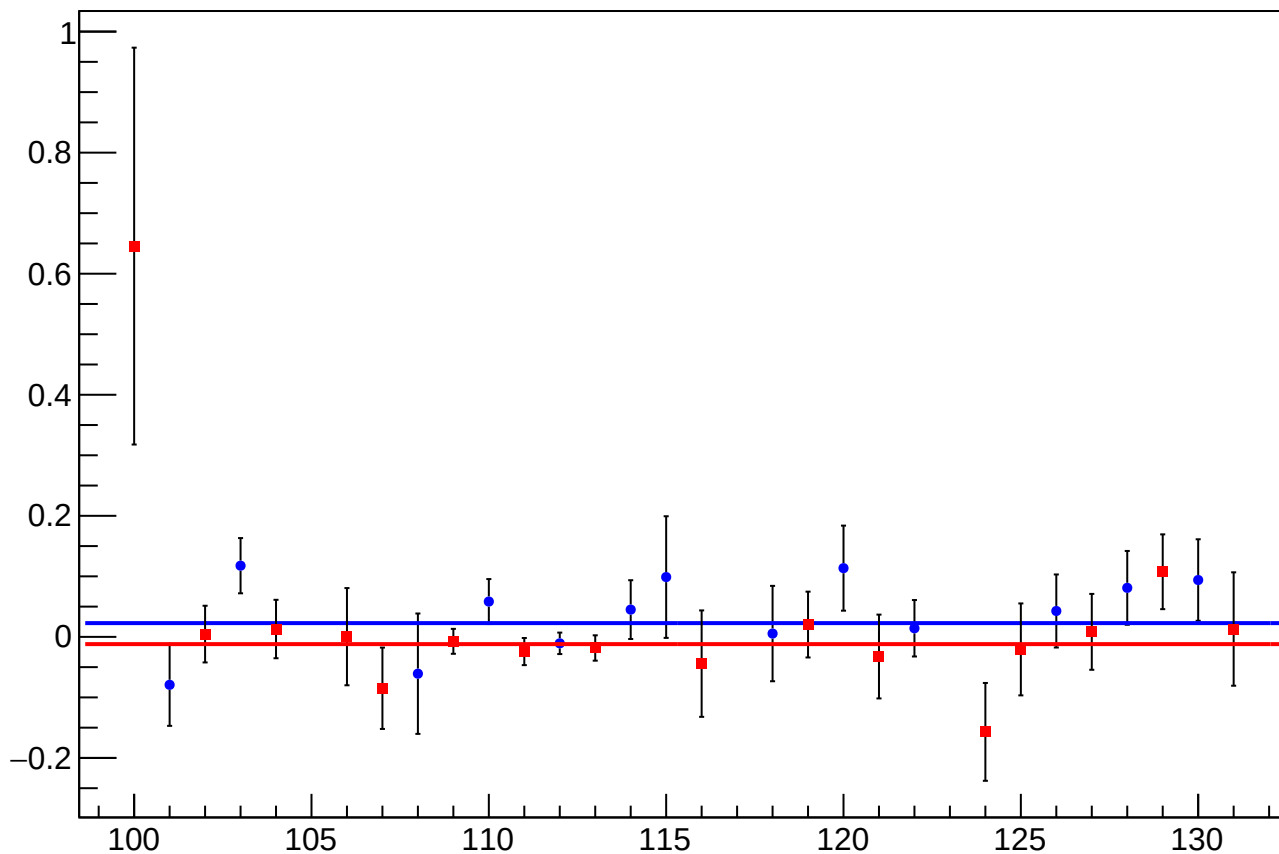
Right: 22.374+/-0.006 χ^2/NDF : 5448957.3/28

In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.374+/-0.006 χ^2/NDF : 5448957.3/28

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

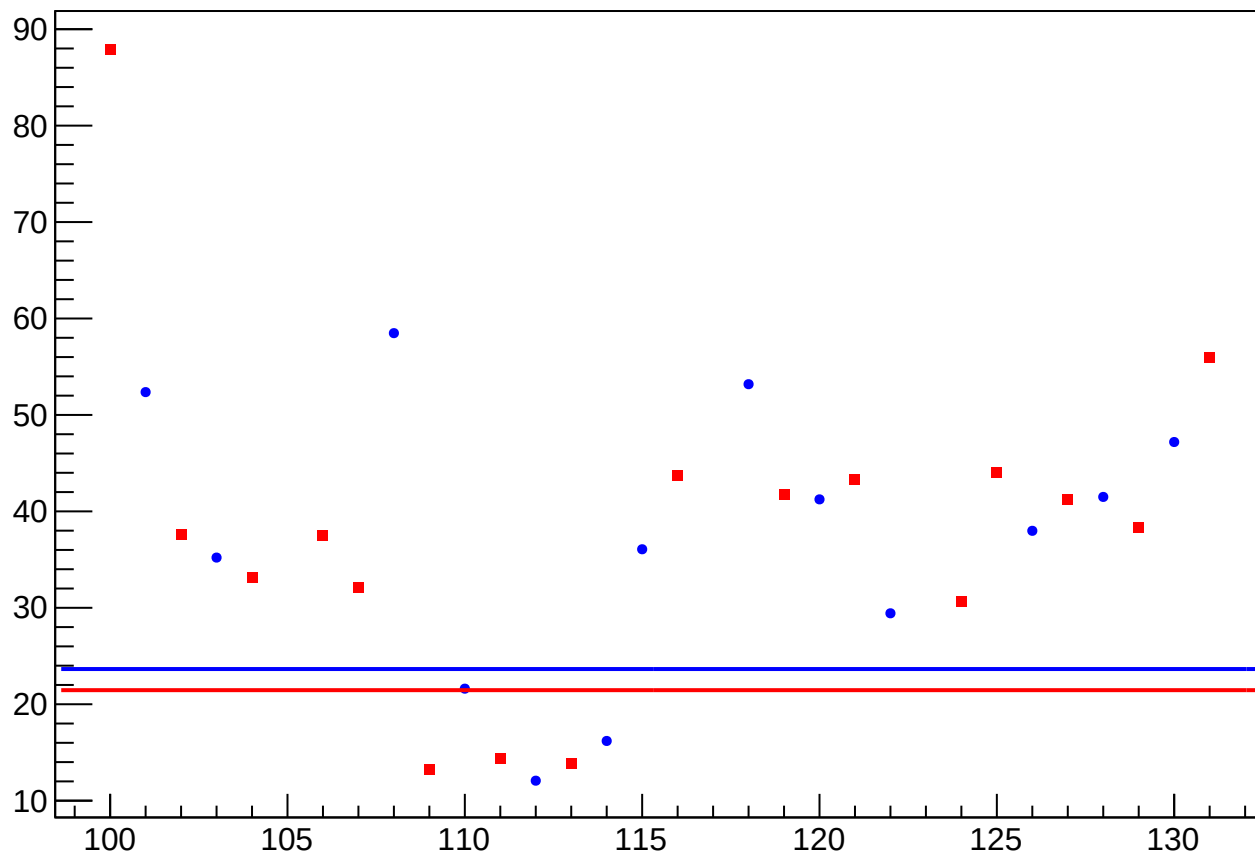
Right: 0.003+/-0.008 χ^2/NDF : 35.0/28

In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 35.0/28

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775880.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

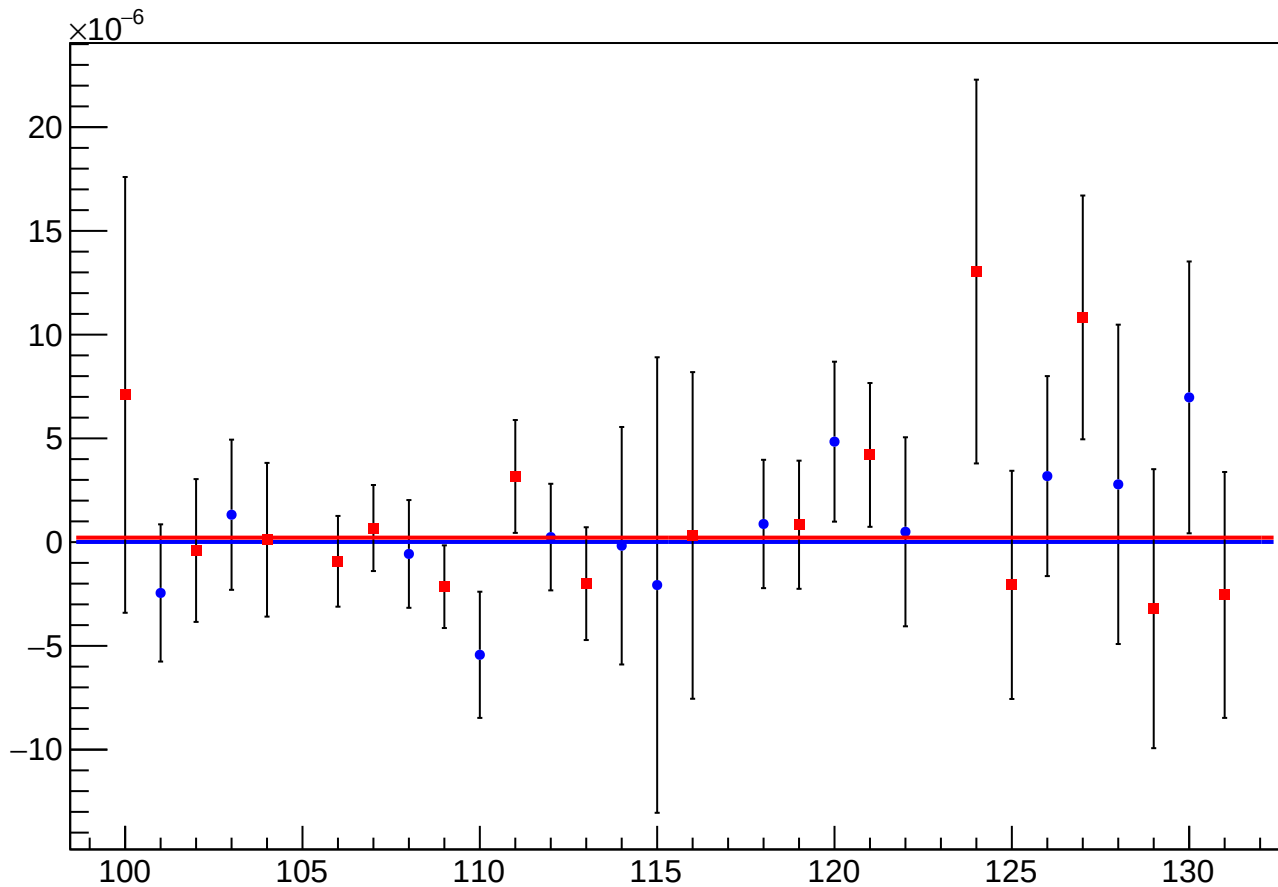
Right: 22.374+/-0.006 χ^2/NDF : 5448957.3/28

In: 23.651+/-0.009 χ^2/NDF :2634922.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.374+/-0.006 χ^2/NDF : 5448957.3/28

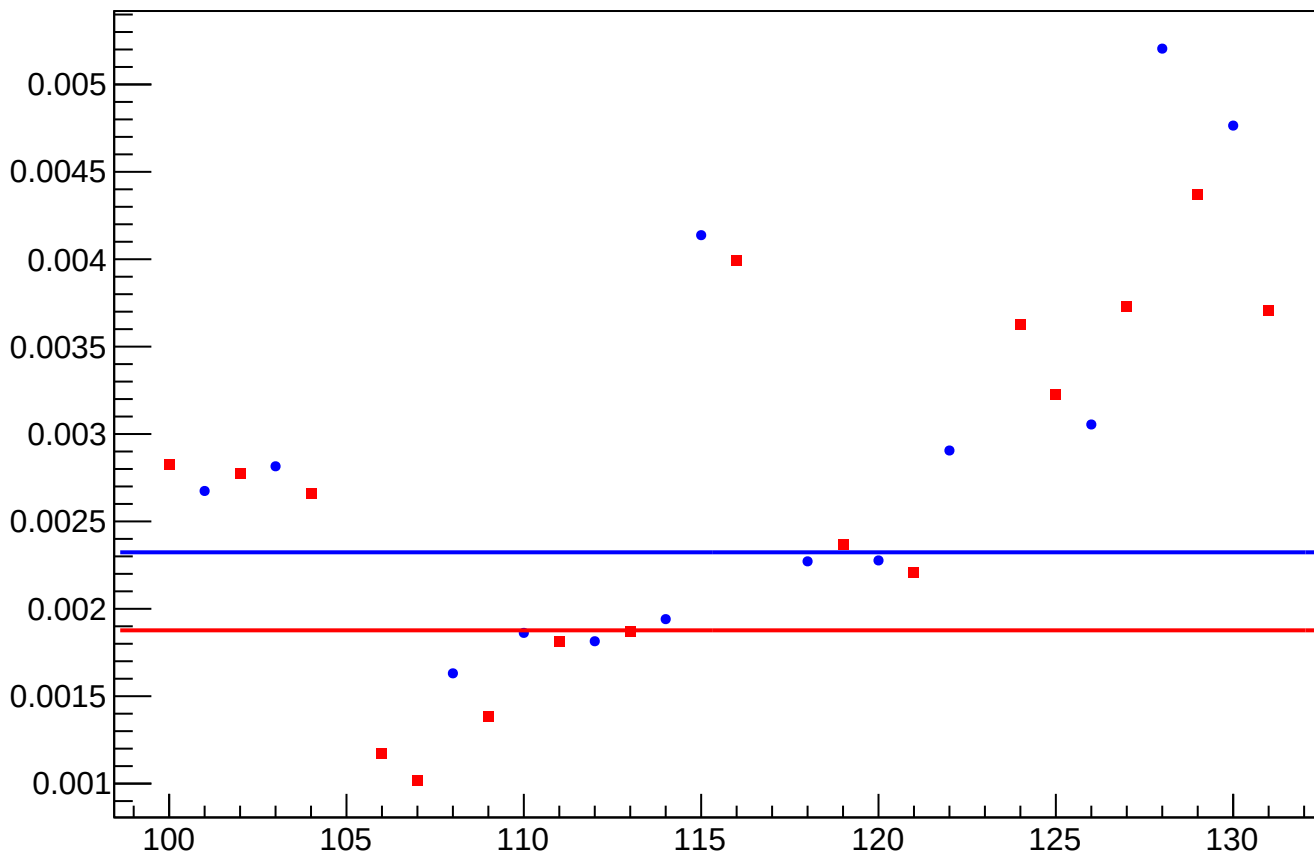
asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 18.6/28
 In: 0.000+/-0.000 χ^2/NDF : 7.3/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 18.6/28

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1027610.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1987368.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

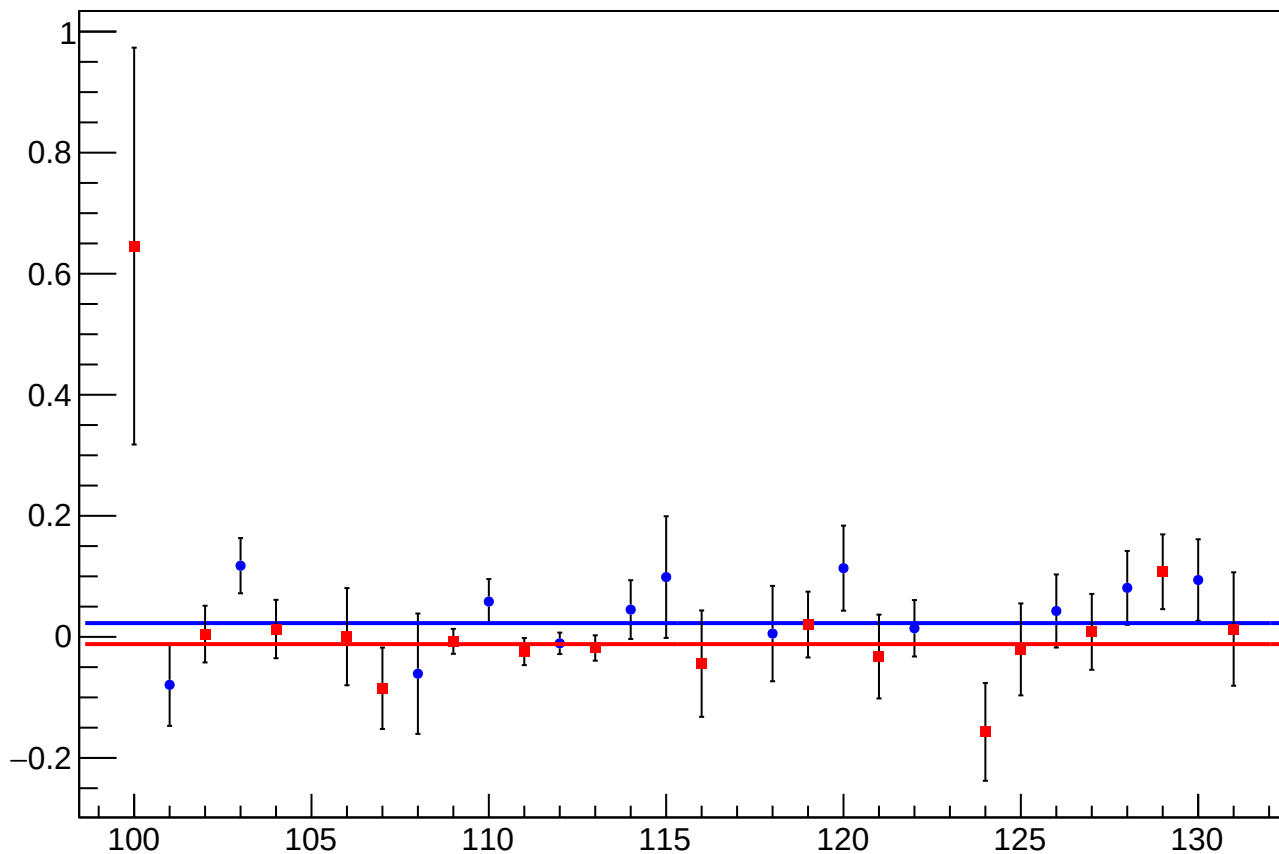
Right: 0.002+/-0.000 χ^2/NDF : 3239571.6/28

In: 0.002+/-0.000 χ^2/NDF :1027610.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3239571.6/28

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

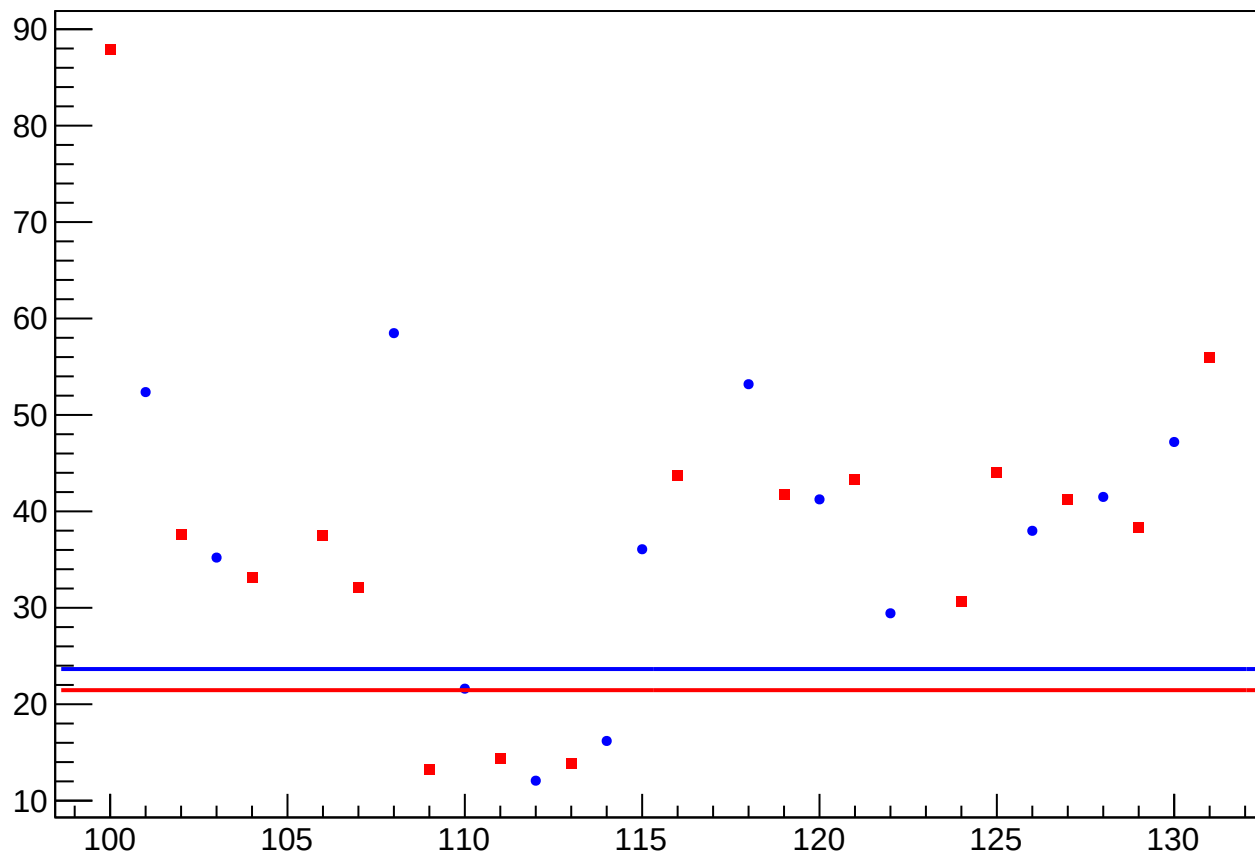
Right: 0.003+/-0.008 χ^2/NDF : 35.0/28

In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 35.0/28

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775970.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

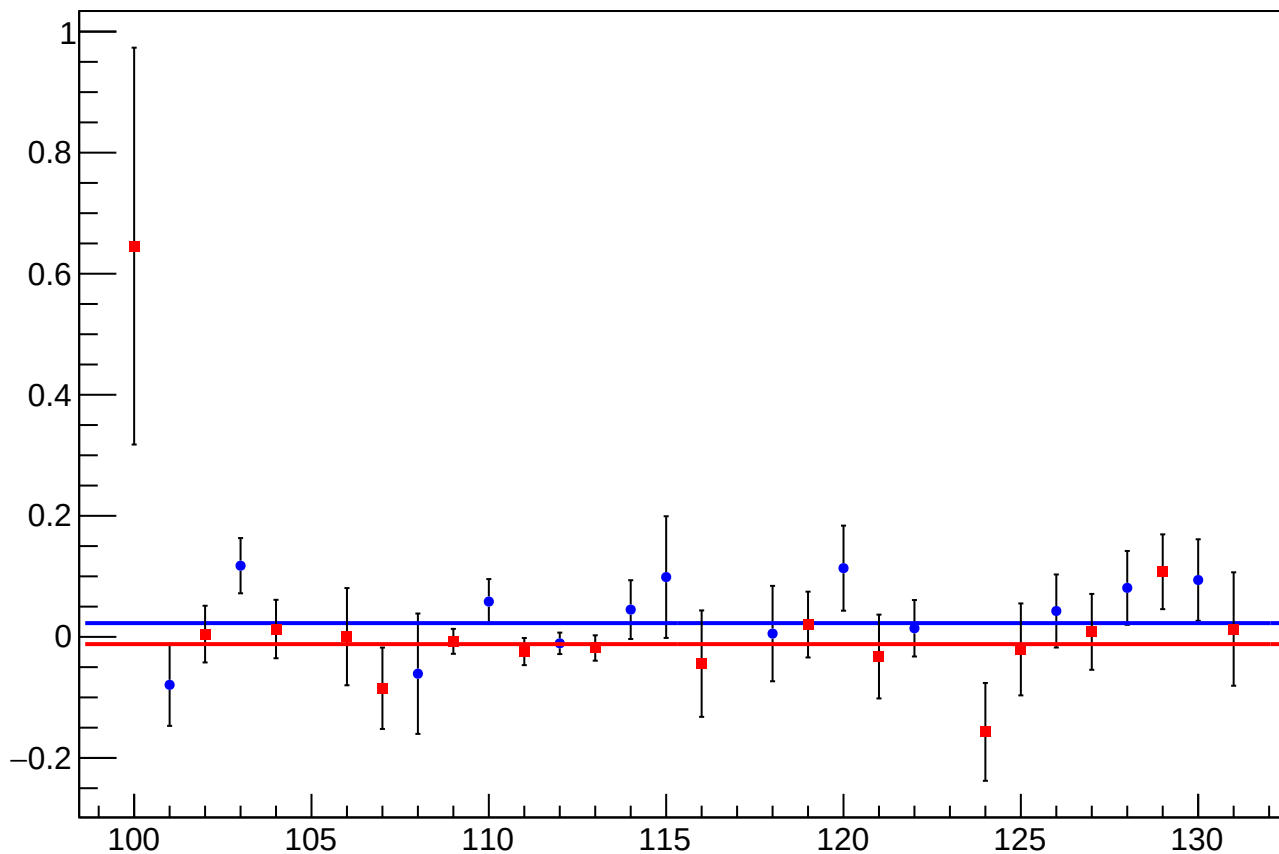
Right: 22.373+/-0.006 χ^2/NDF : 5449369.4/28

In: 23.650+/-0.009 χ^2/NDF :2635282.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.373+/-0.006 χ^2/NDF : 5449369.4/28

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

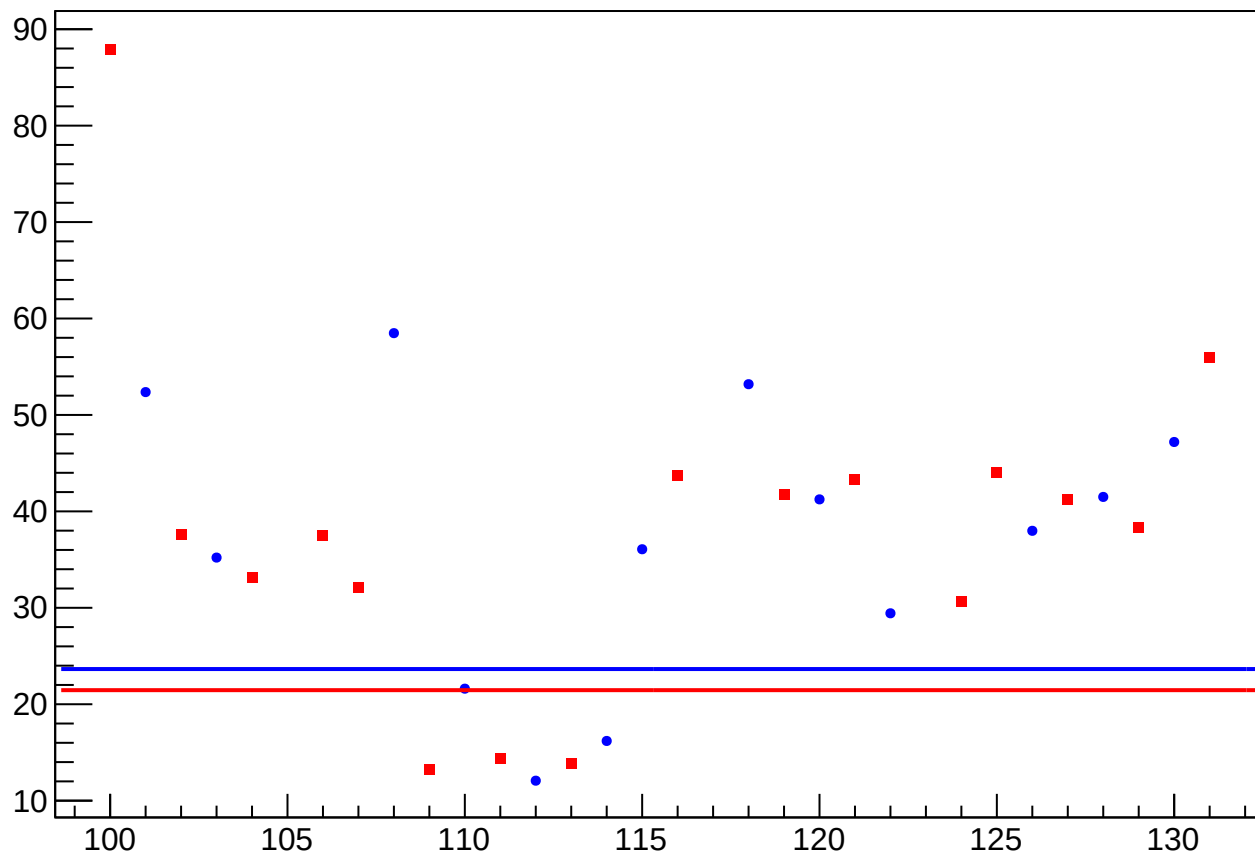
Right: 0.003+/-0.008 χ^2/NDF : 35.0/28

In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 35.0/28

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

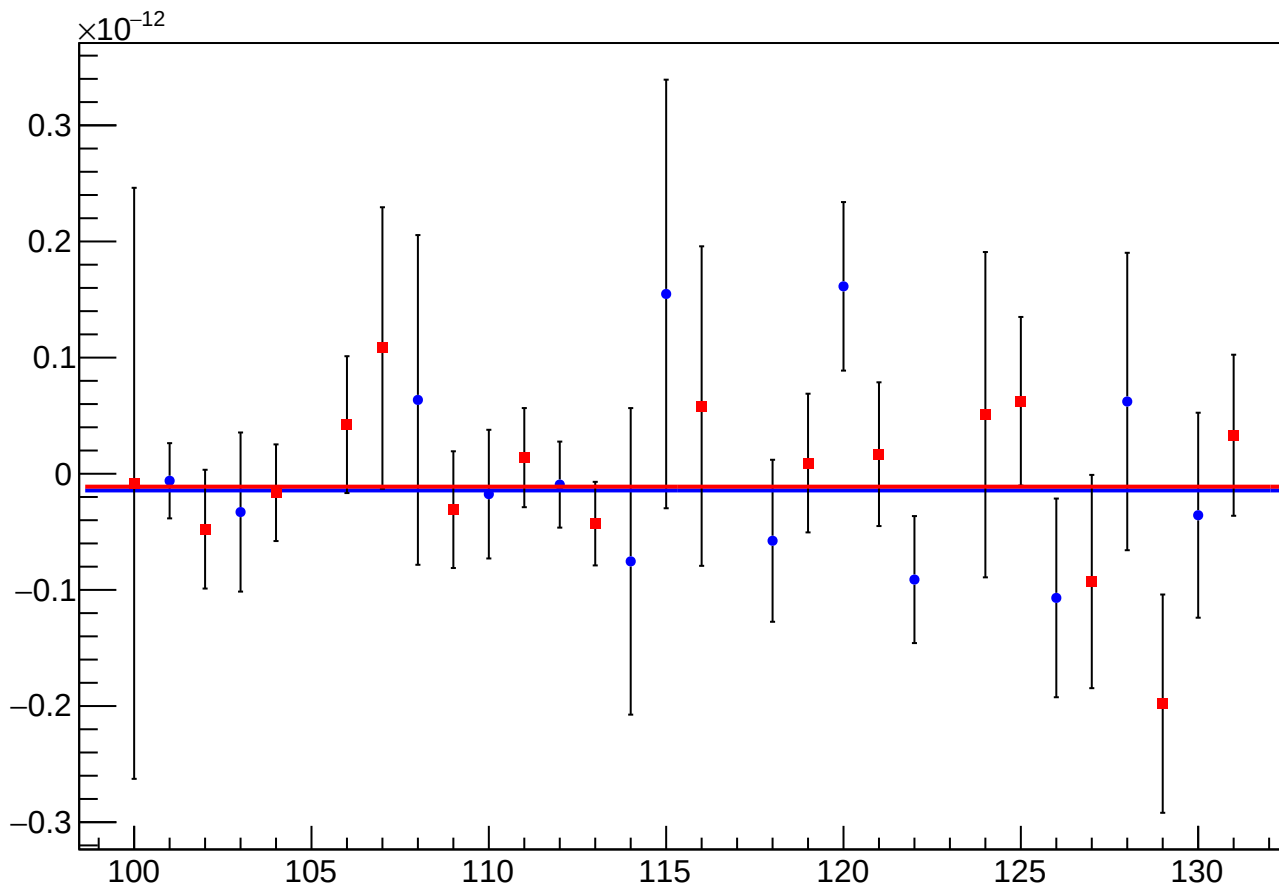
Right: 22.373+/-0.006 χ^2/NDF : 5449369.4/28

In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.373+/-0.006 χ^2/NDF : 5449369.4/28

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

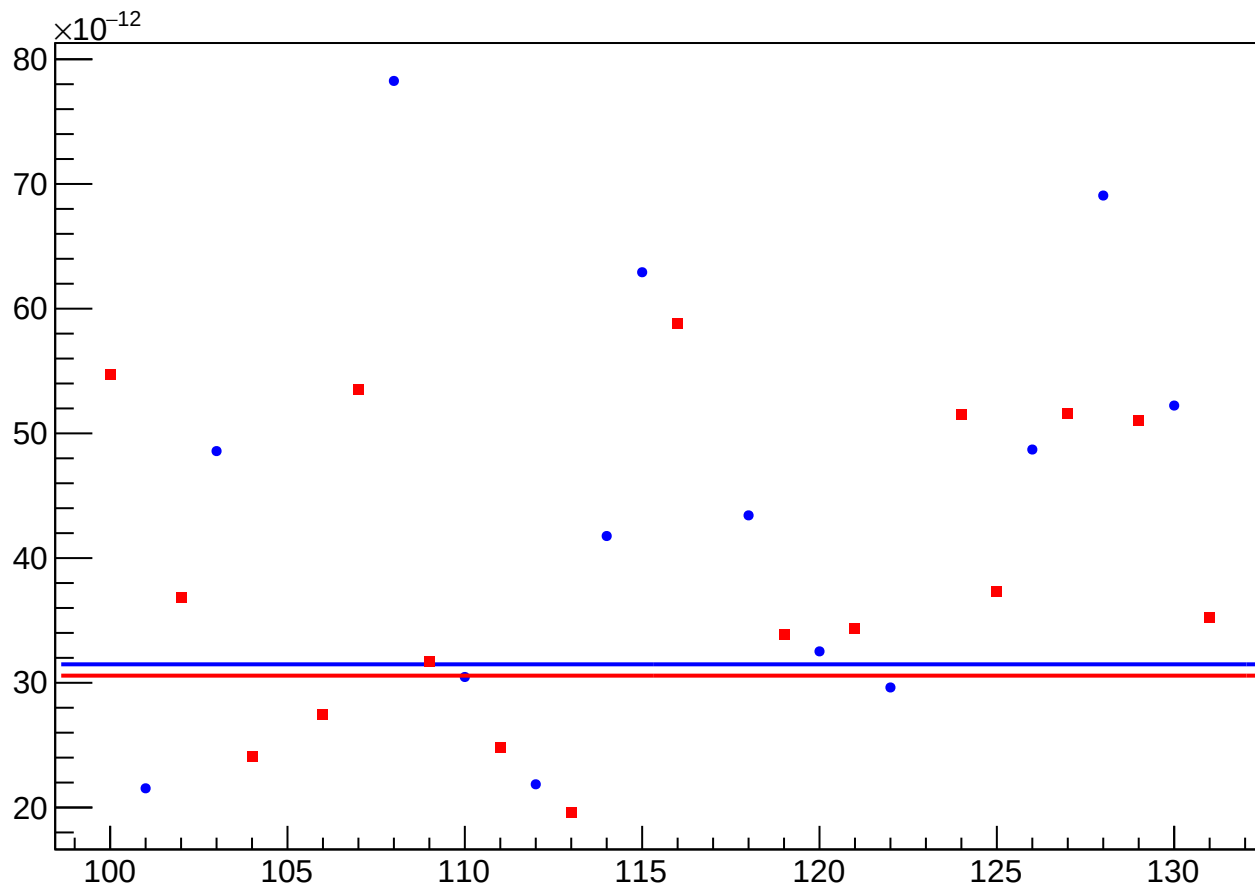
Right: -0.000+/-0.000 χ^2/NDF : 21.9/28

In: -0.000+/-0.000 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/28

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1161615.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 766812.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

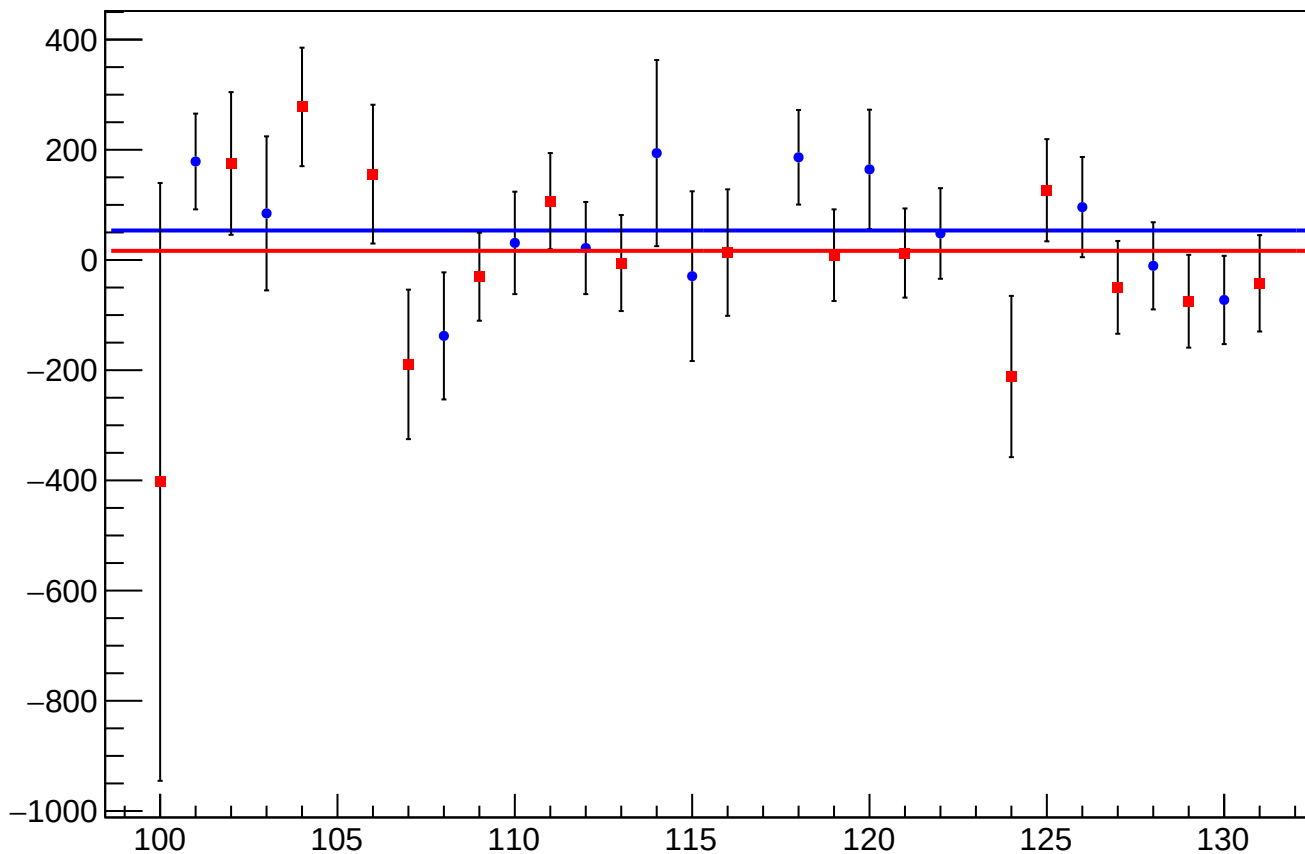
Right: 0.000+/-0.000 χ^2/NDF : 1931570.5/28

In: 0.000+/-0.000 χ^2/NDF : 1161615.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1931570.5/28

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.509 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.582 $\pm$ 24.728 χ^2 /NDF: 19.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

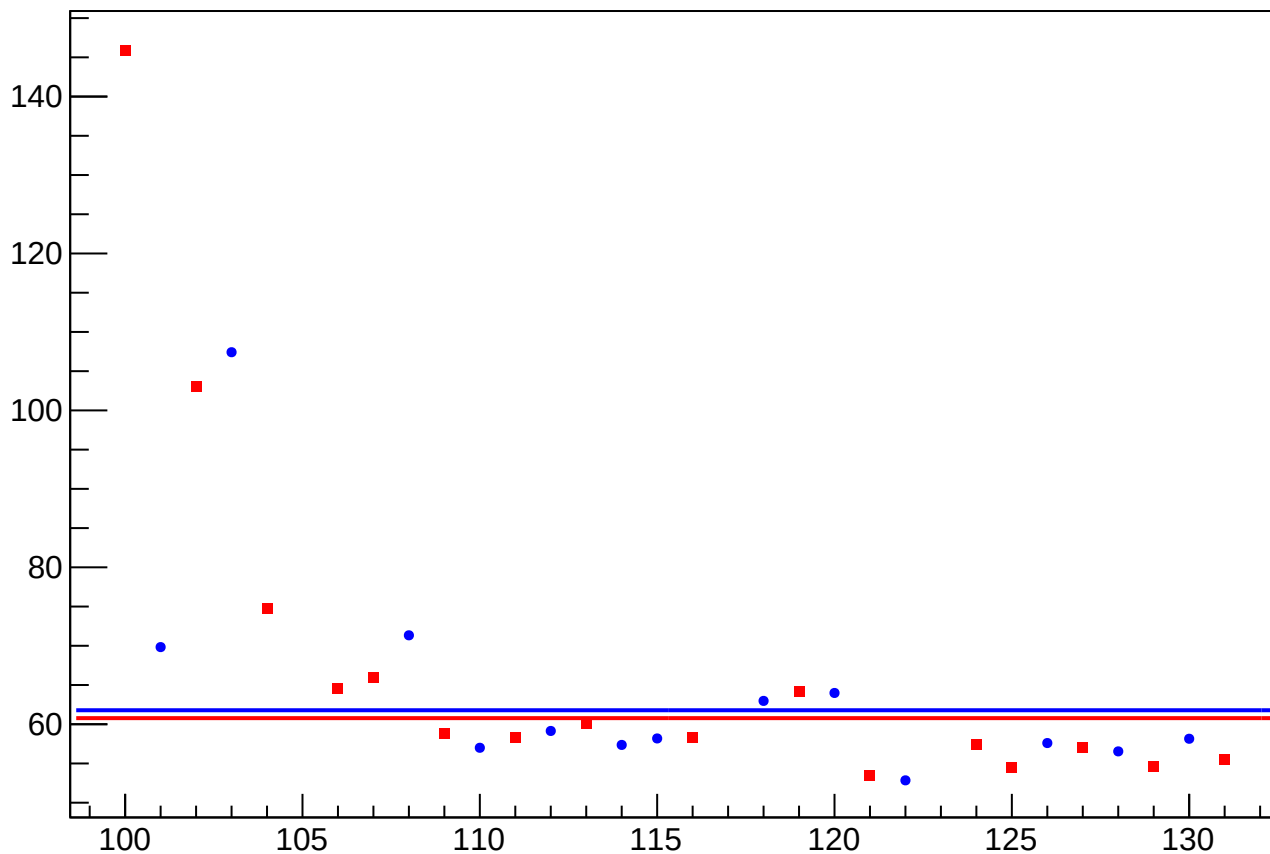
Right: 33.616 $\pm$ 18.149 χ^2 /NDF: 33.0/28

In: 53.509 $\pm$ 26.721 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.616 $\pm$ 18.149 χ^2 /NDF: 33.0/28

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.784+/-0.019 χ^2/NDF : 295722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.777+/-0.017 χ^2/NDF : 357187.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

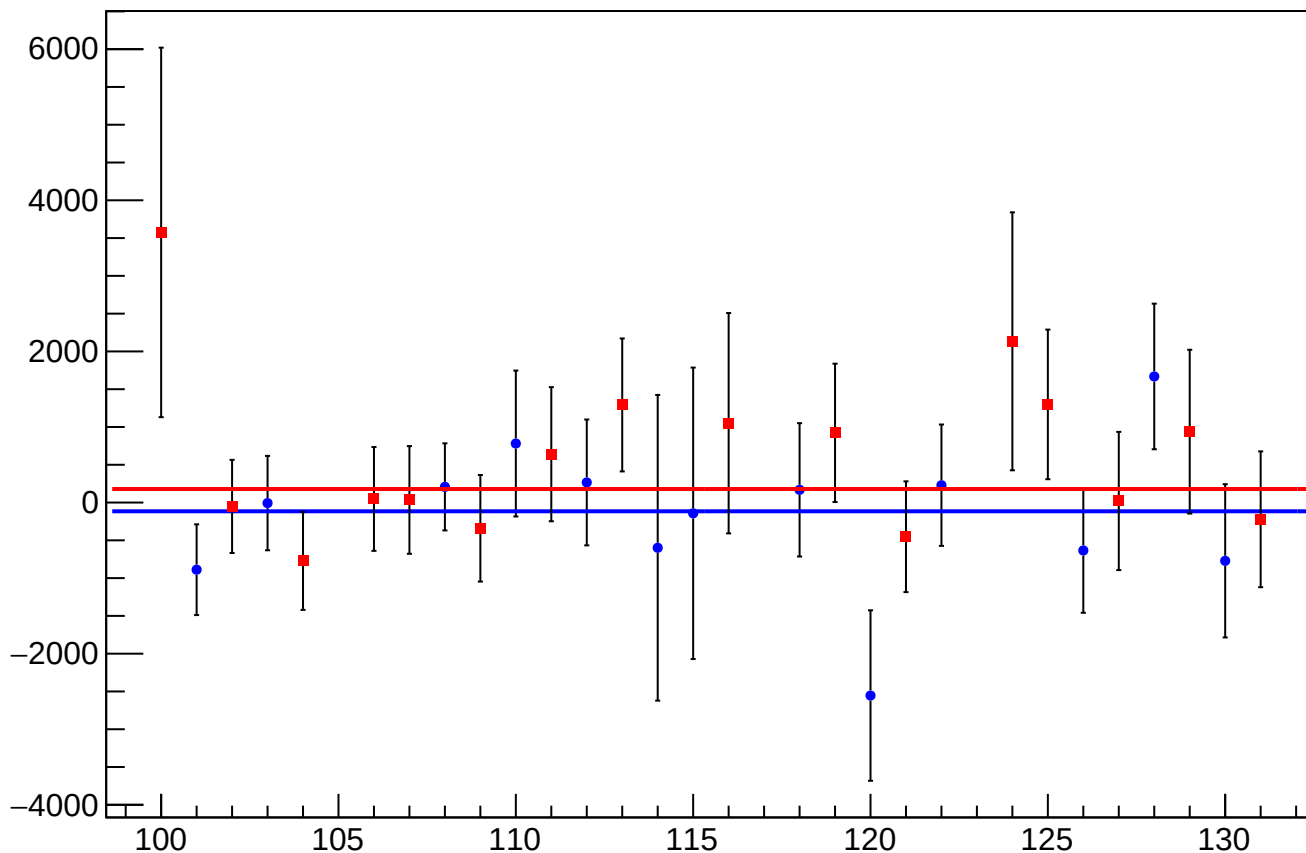
Right: 61.241+/-0.013 χ^2/NDF : 654439.9/28

In: 61.784+/-0.019 χ^2/NDF : 295722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.241+/-0.013 χ^2/NDF : 654439.9/28

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -115.673+/-232.412 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.280+/-213.109 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

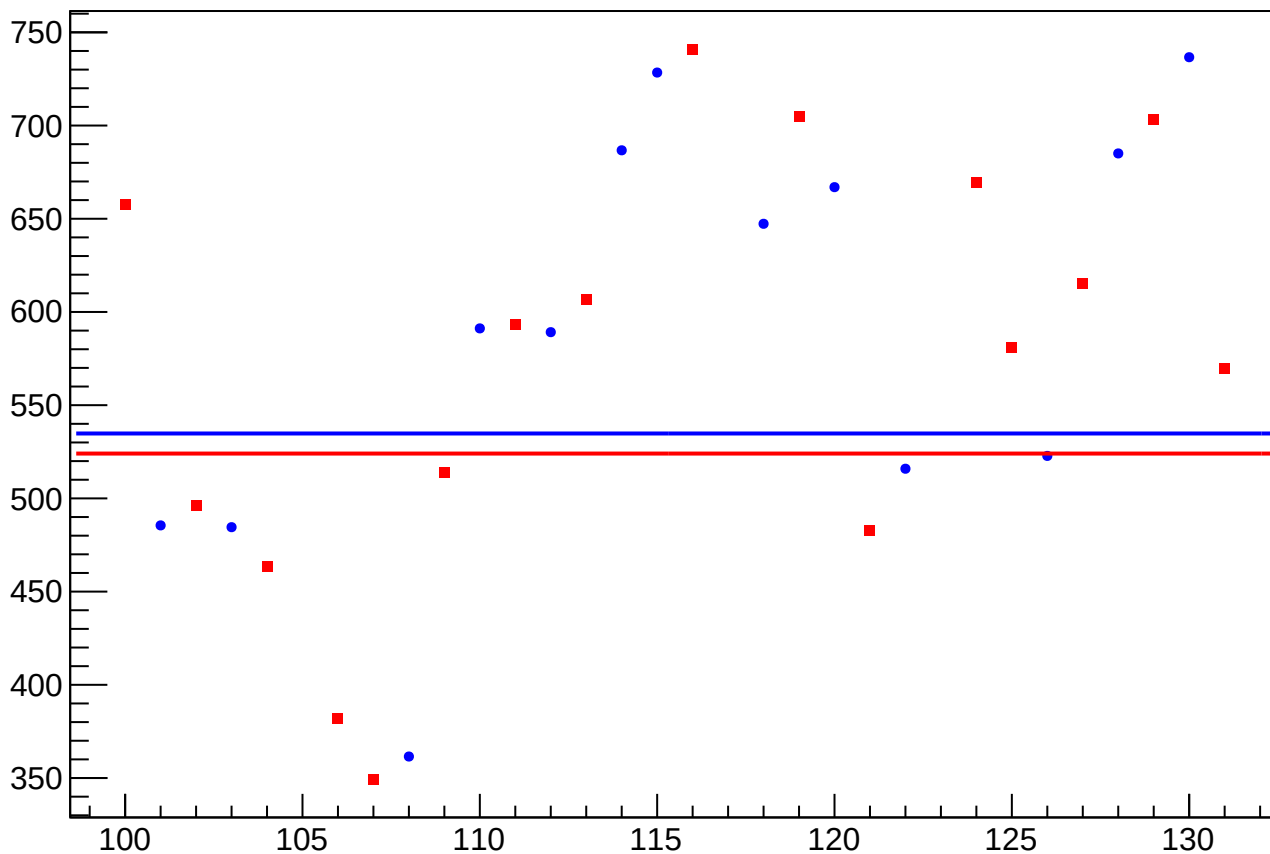
Right: 44.559+/-157.072 χ^2/NDF : 25.0/28

In: -115.673+/-232.412 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.559+/-157.072 χ^2/NDF : 25.0/28

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 534.814+/-0.164 χ^2/NDF : 443326.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 524.047+/-0.151 χ^2/NDF : 493445.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

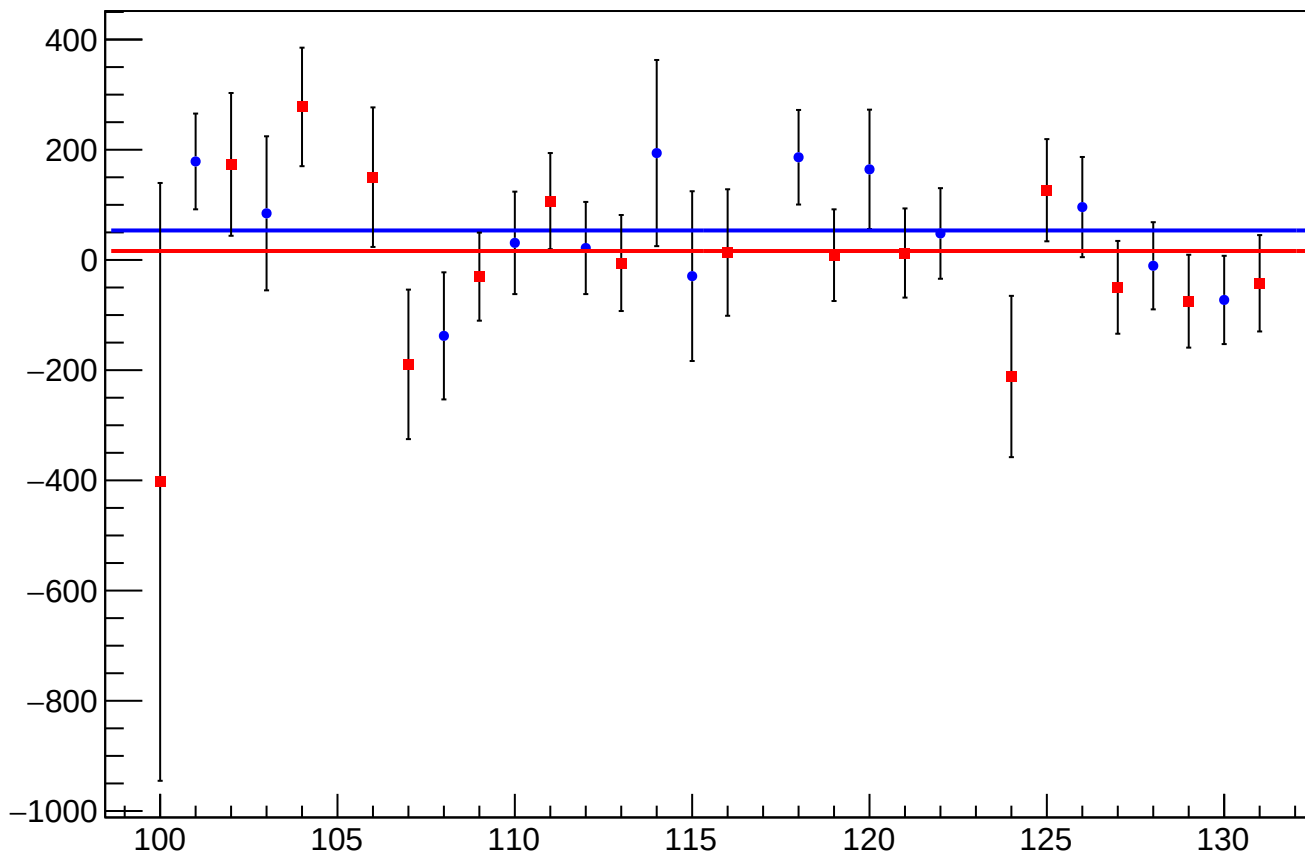
Right: 528.965+/-0.111 χ^2/NDF : 939103.3/28

In: 534.814+/-0.164 χ^2/NDF :443326.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 528.965+/-0.111 χ^2/NDF : 939103.3/28

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.511 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.239 $\pm$ 24.733 χ^2 /NDF: 19.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

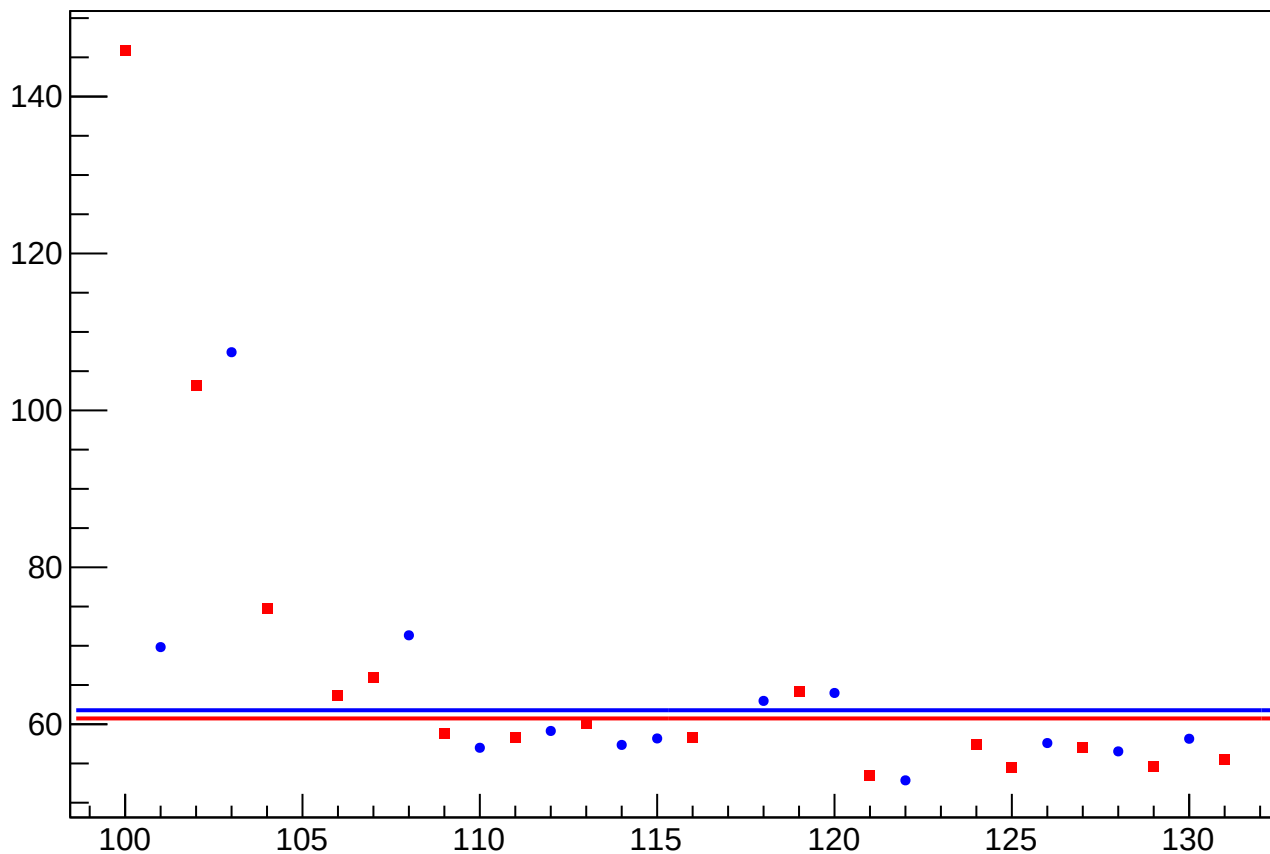
Right: 33.437 $\pm$ 18.151 χ^2 /NDF: 32.9/28

In: 53.511 $\pm$ 26.721 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.437 $\pm$ 18.151 χ^2 /NDF: 32.9/28

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.784 $\pm$ 0.019 χ^2 /NDF: 295724.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.738 $\pm$ 0.017 χ^2 /NDF: 356571.2/15

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

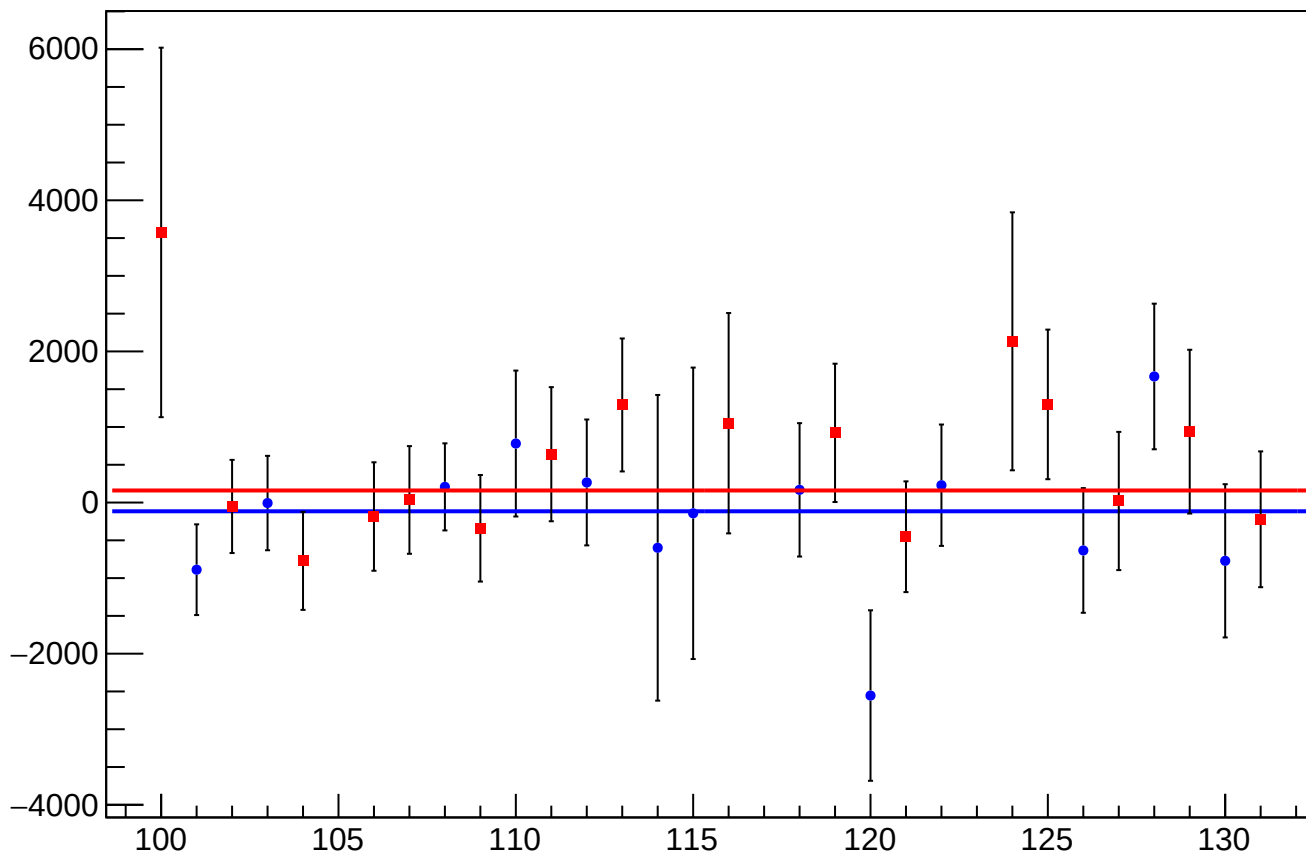
Right: 61.220 $\pm$ 0.013 χ^2 /NDF: 653946.7/28

In: 61.784 $\pm$ 0.019 χ^2 /NDF:295724.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.220 $\pm$ 0.013 χ^2 /NDF: 653946.7/28

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.720+/-214.002 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

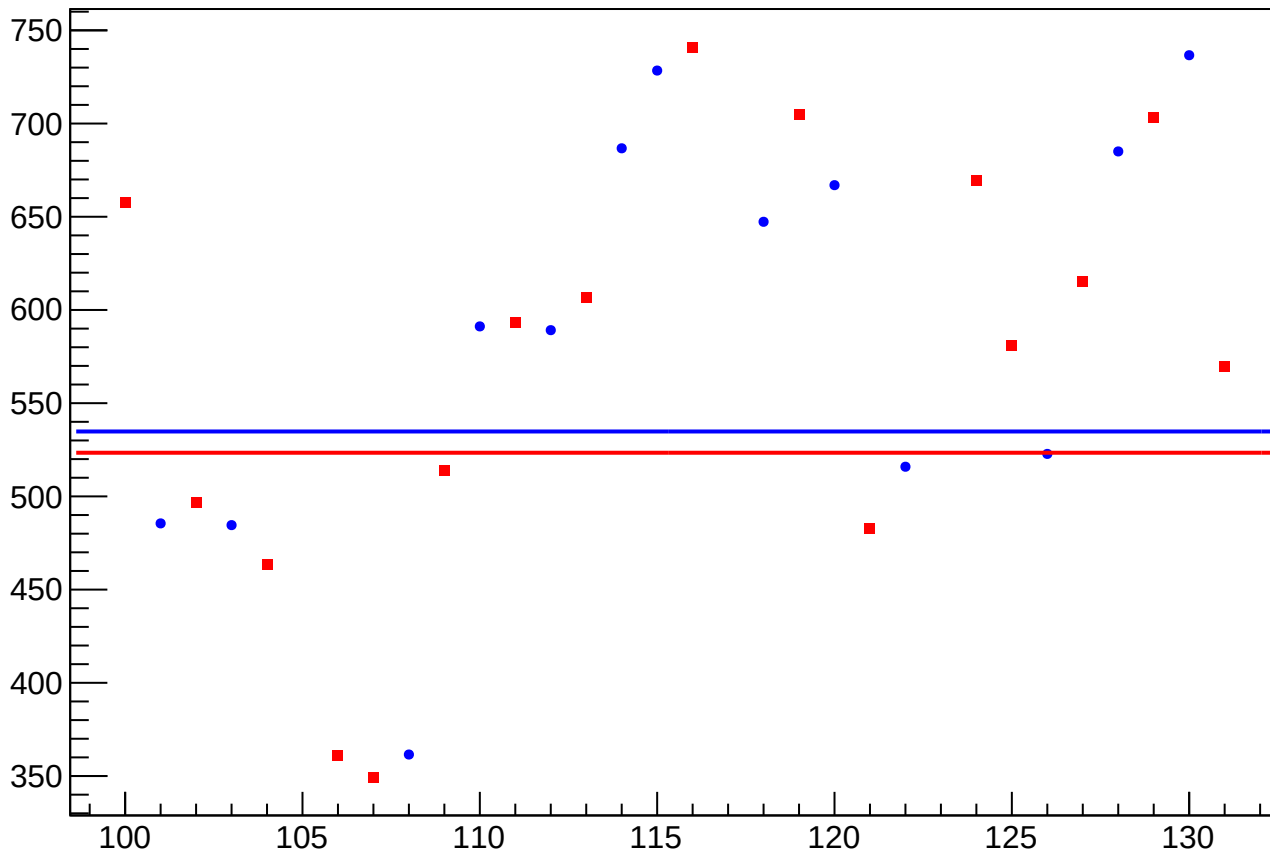
Right: 33.394+/-157.429 χ^2/NDF : 25.1/28

In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.394+/-157.429 χ^2/NDF : 25.1/28

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 534.819+/-0.164 χ^2/NDF : 443308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 523.414+/-0.151 χ^2/NDF : 510876.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

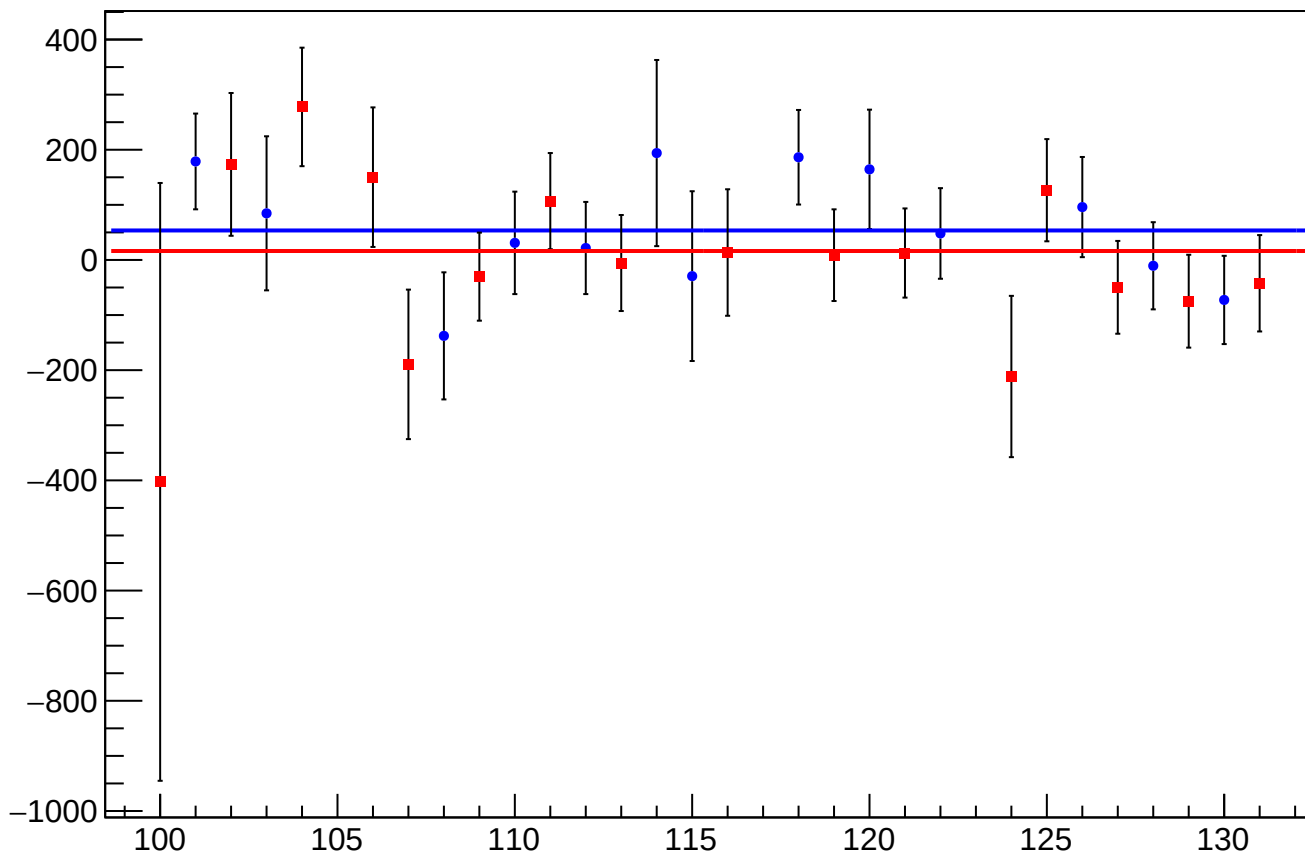
Right: 528.647+/-0.111 χ^2/NDF : 956791.5/28

In: 534.819+/-0.164 χ^2/NDF :443308.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 528.647+/-0.111 χ^2/NDF : 956791.5/28

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.511 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.239 $\pm$ 24.733 χ^2 /NDF: 19.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

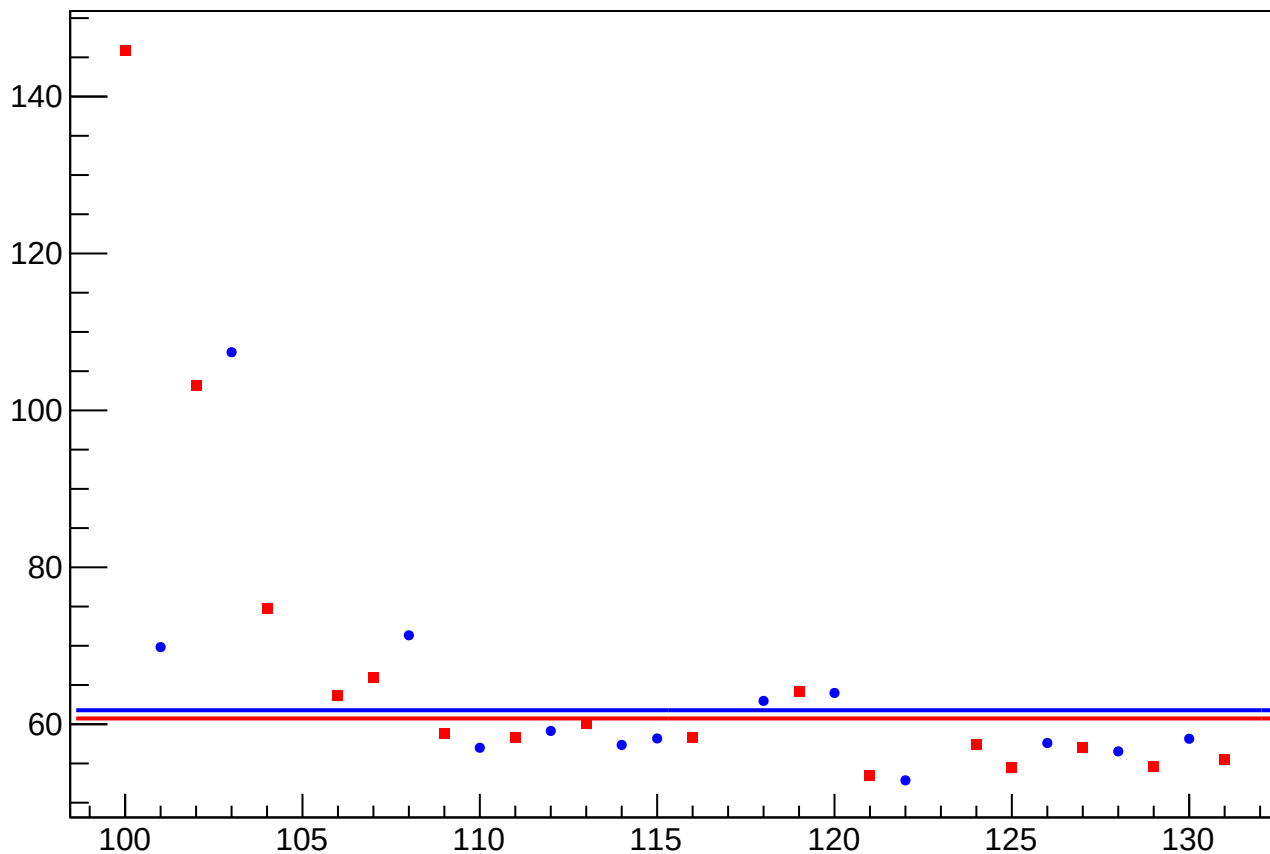
Right: 33.437 $\pm$ 18.151 χ^2 /NDF: 32.9/28

In: 53.511 $\pm$ 26.721 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.437 $\pm$ 18.151 χ^2 /NDF: 32.9/28

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.784+/-0.019 χ^2/NDF : 295724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.738+/-0.017 χ^2/NDF : 356571.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

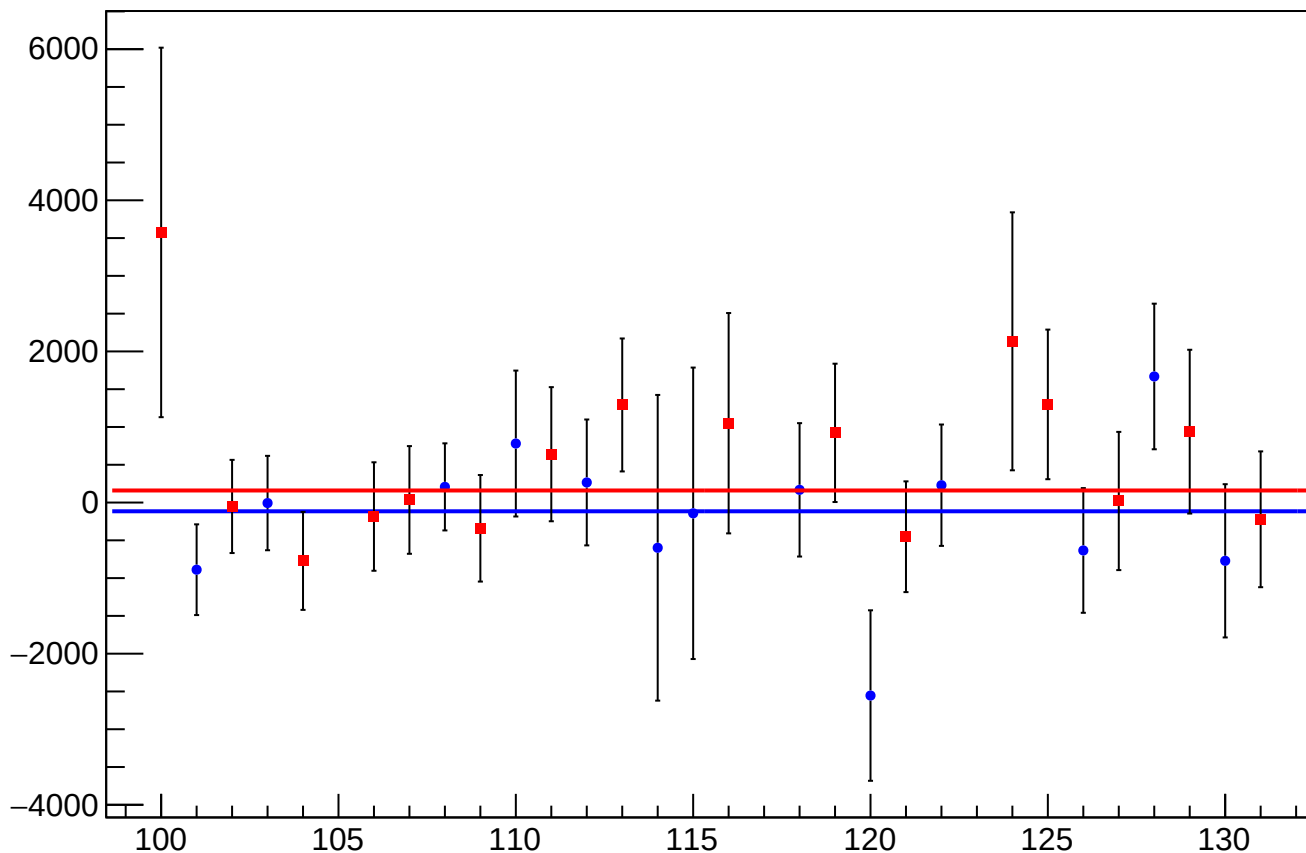
Right: 61.220+/-0.013 χ^2/NDF : 653946.7/28

In: 61.784+/-0.019 χ^2/NDF : 295724.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.220+/-0.013 χ^2/NDF : 653946.7/28

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.720+/-214.002 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

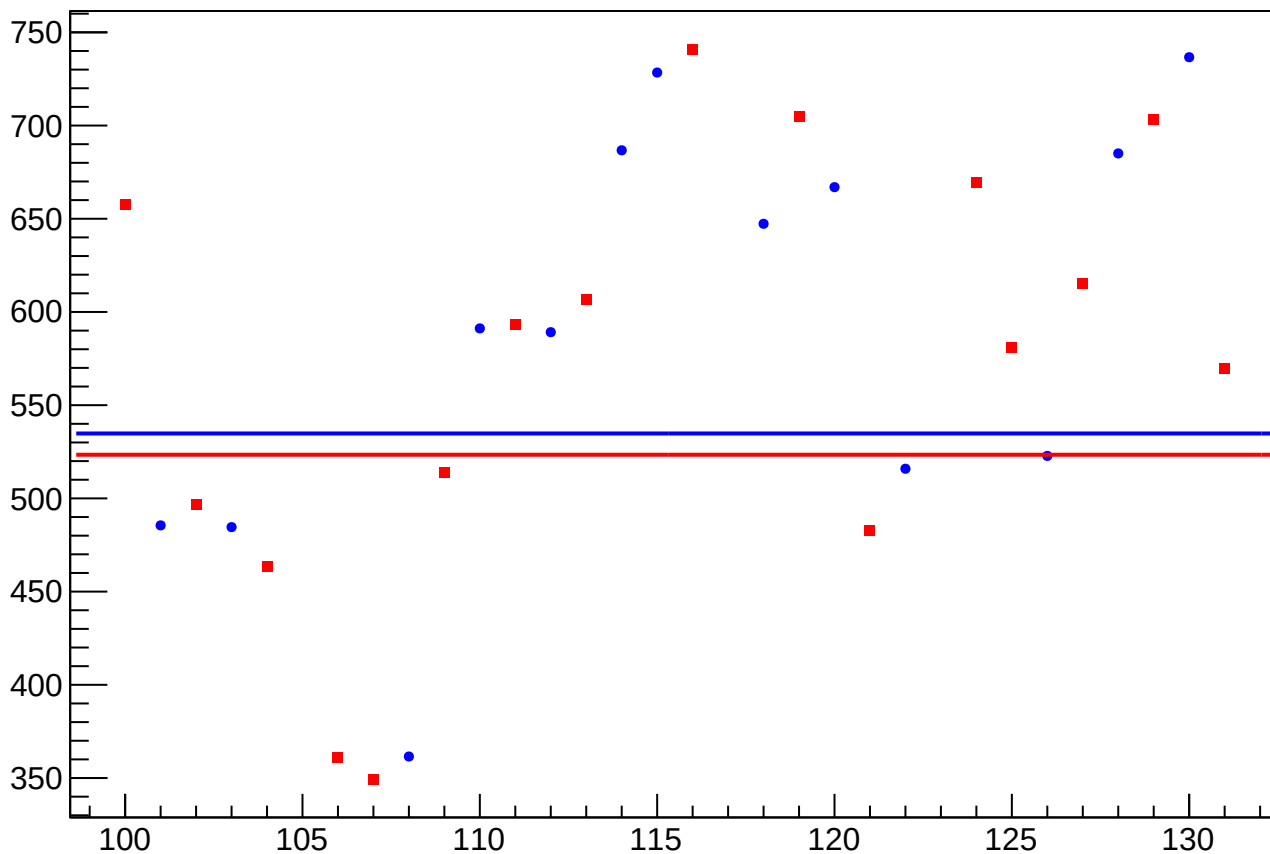
Right: 33.394+/-157.429 χ^2/NDF : 25.1/28

In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.394+/-157.429 χ^2/NDF : 25.1/28

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 534.819+/-0.164 χ^2/NDF : 443308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 523.414+/-0.151 χ^2/NDF : 510876.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

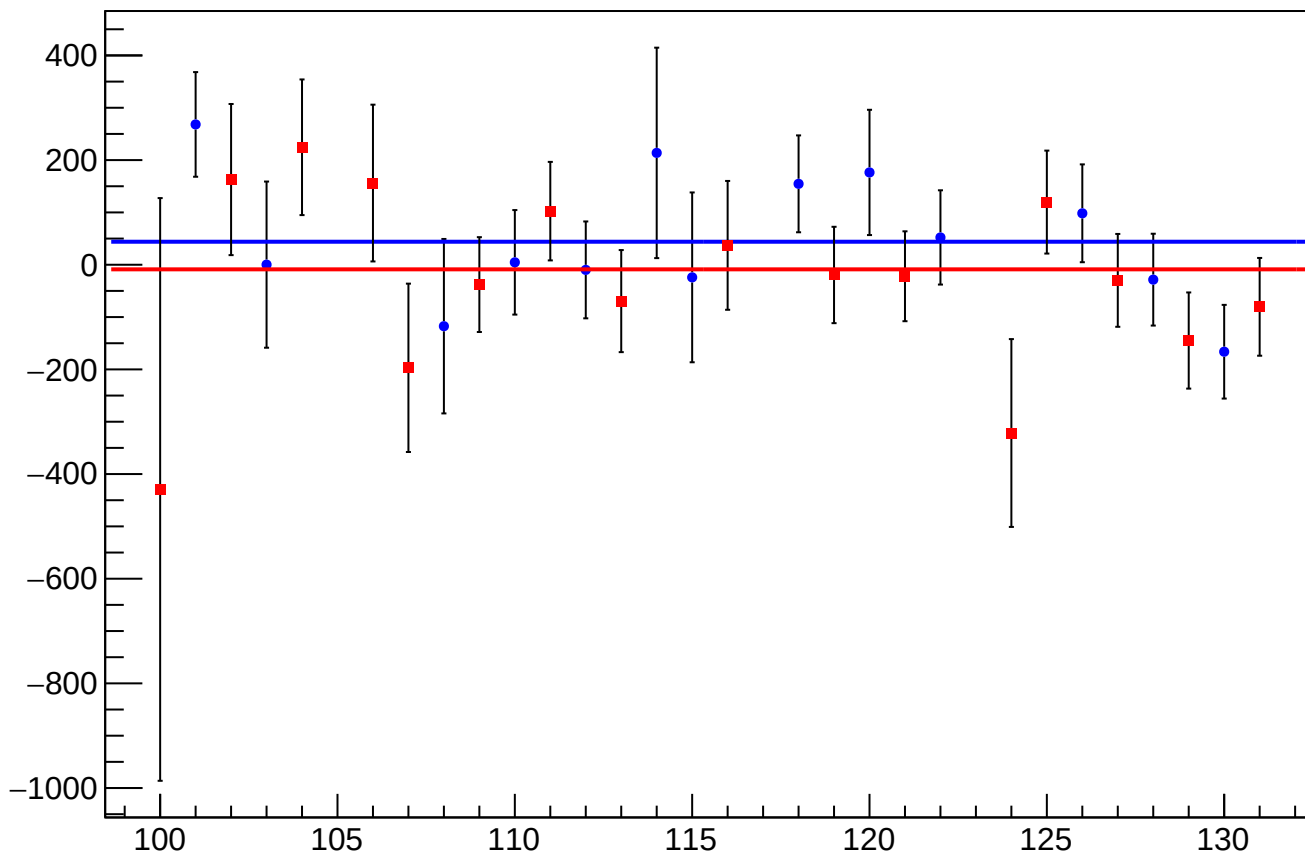
Right: 528.647+/-0.111 χ^2/NDF : 956791.5/28

In: 534.819+/-0.164 χ^2/NDF :443308.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 528.647+/-0.111 χ^2/NDF : 956791.5/28

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.986 $\pm$ 29.694 χ^2 /NDF: 16.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.790 $\pm$ 27.241 χ^2 /NDF: 17.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

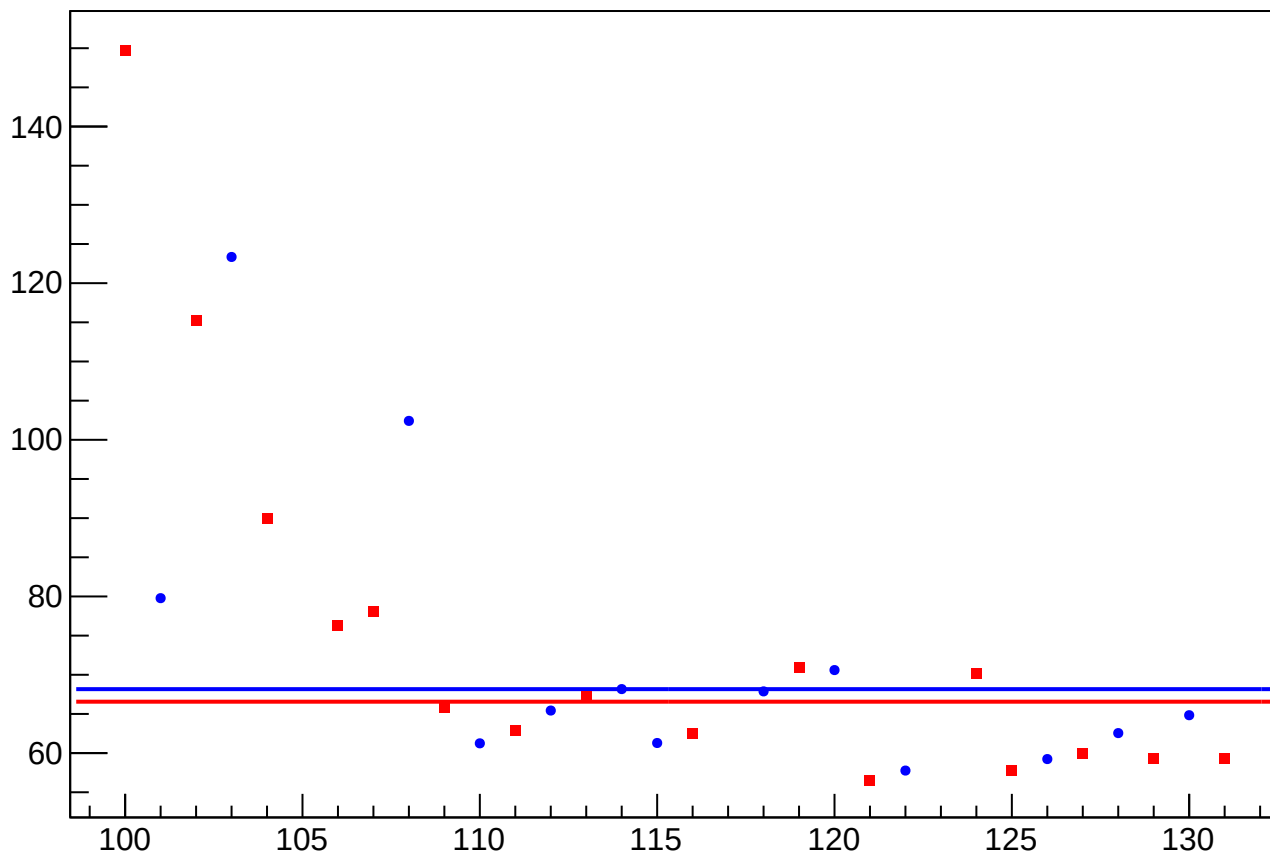
Right: 15.328 $\pm$ 20.074 χ^2 /NDF: 35.8/28

In: 43.986 $\pm$ 29.694 χ^2 /NDF:16.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.328 $\pm$ 20.074 χ^2 /NDF: 35.8/28

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 68.165+/-0.021 χ^2/NDF : 424559.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.564+/-0.019 χ^2/NDF : 445705.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

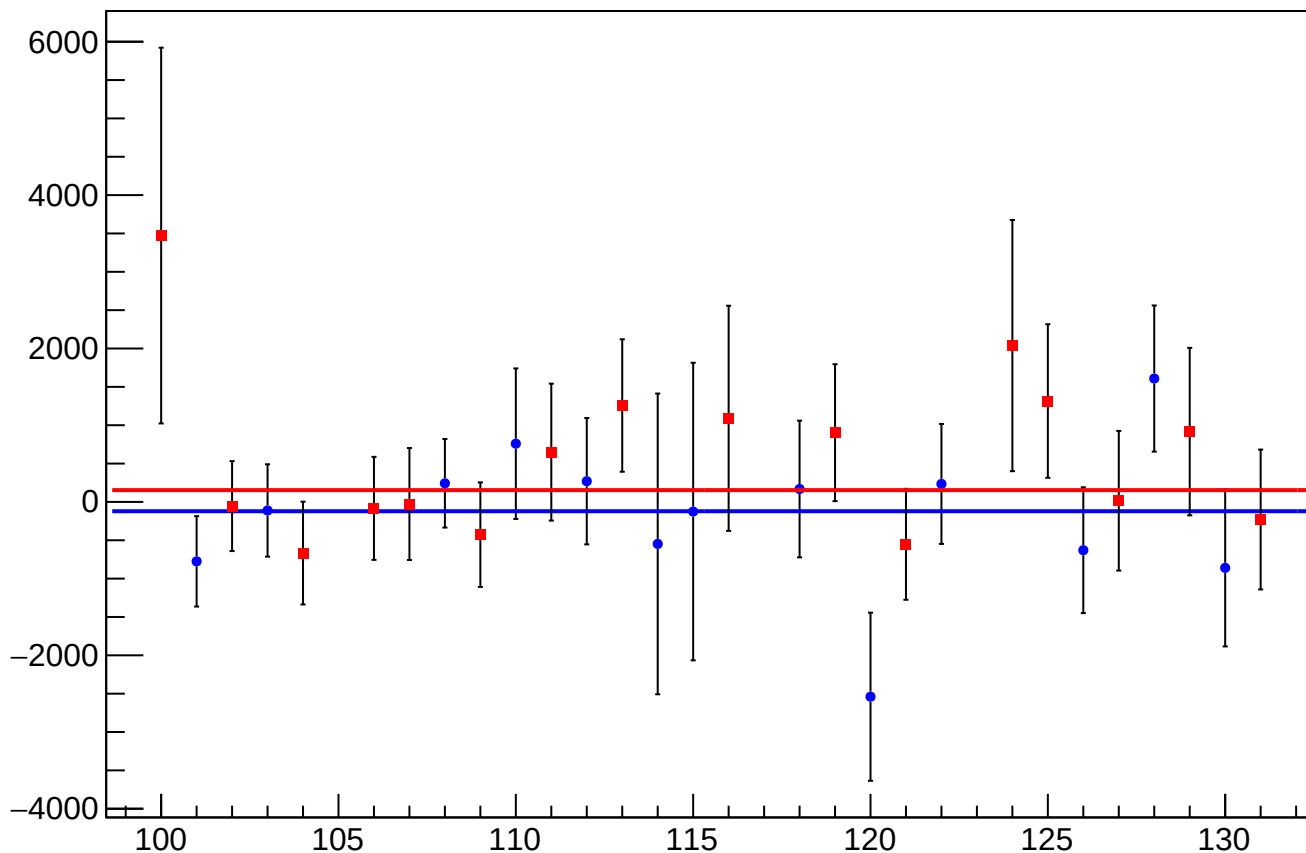
Right: 67.296+/-0.014 χ^2/NDF : 873423.5/28

In: 68.165+/-0.021 χ^2/NDF : 424559.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.296+/-0.014 χ^2/NDF : 873423.5/28

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -121.468 $\pm$ 229.729 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 153.822 $\pm$ 211.296 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

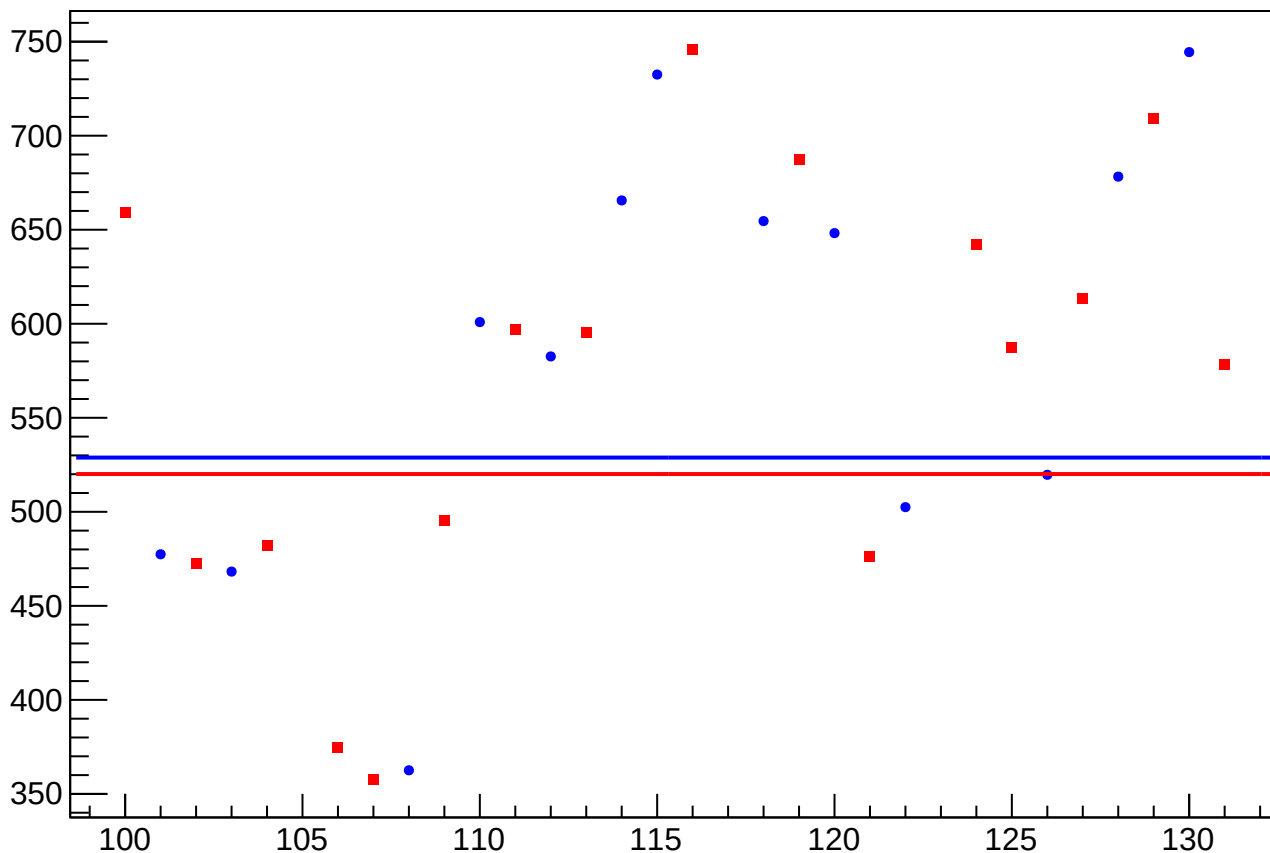
Right: 27.662 $\pm$ 155.518 χ^2 /NDF: 24.6/28

In: -121.468 $\pm$ 229.729 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 27.662 $\pm$ 155.518 χ^2 /NDF: 24.6/28

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.845+/-0.162 χ^2/NDF : 456518.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.089+/-0.149 χ^2/NDF : 485836.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

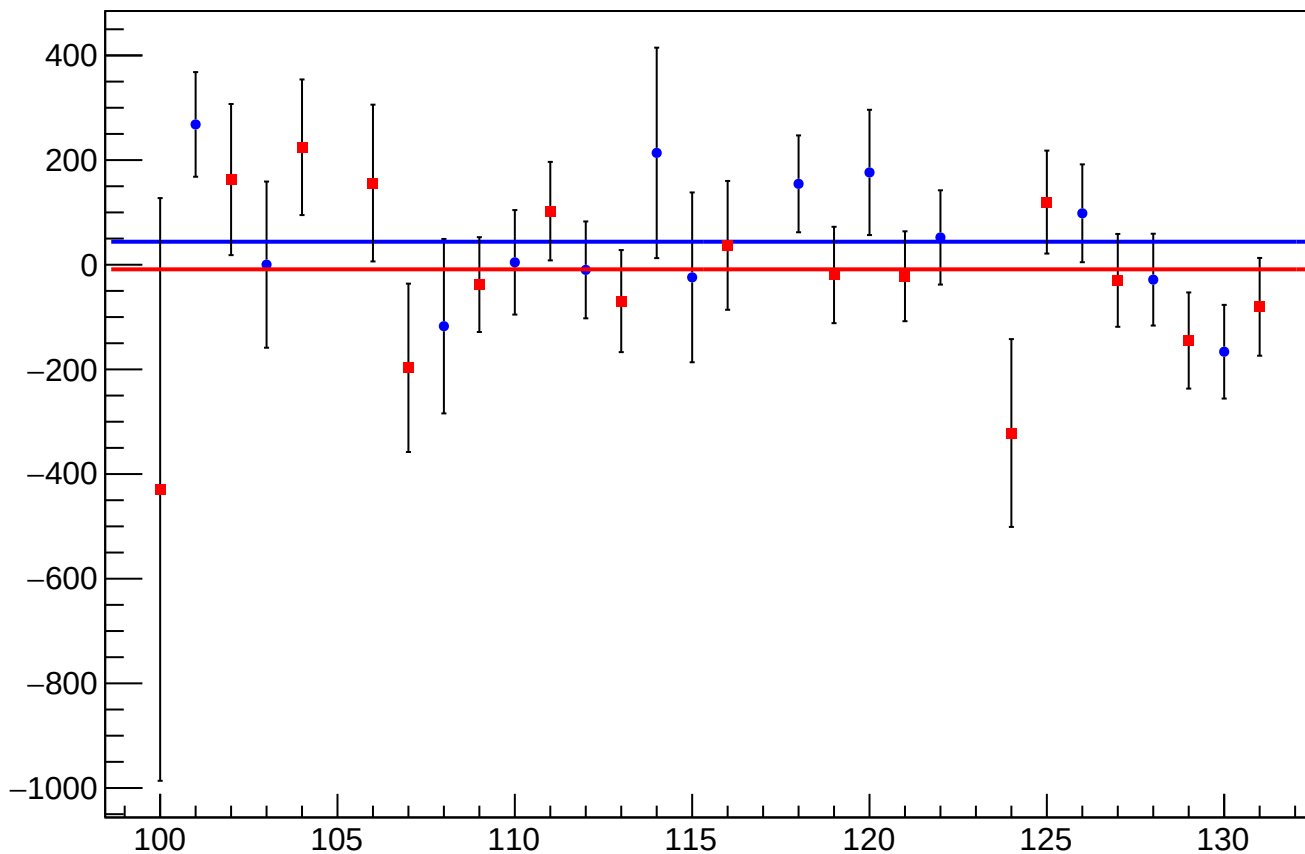
Right: 524.102+/-0.110 χ^2/NDF : 943928.2/28

In: 528.845+/-0.162 χ^2/NDF : 456518.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.102+/-0.110 χ^2/NDF : 943928.2/28

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.987 $\pm$ 29.694 χ^2 /NDF: 16.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.791 $\pm$ 27.241 χ^2 /NDF: 17.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

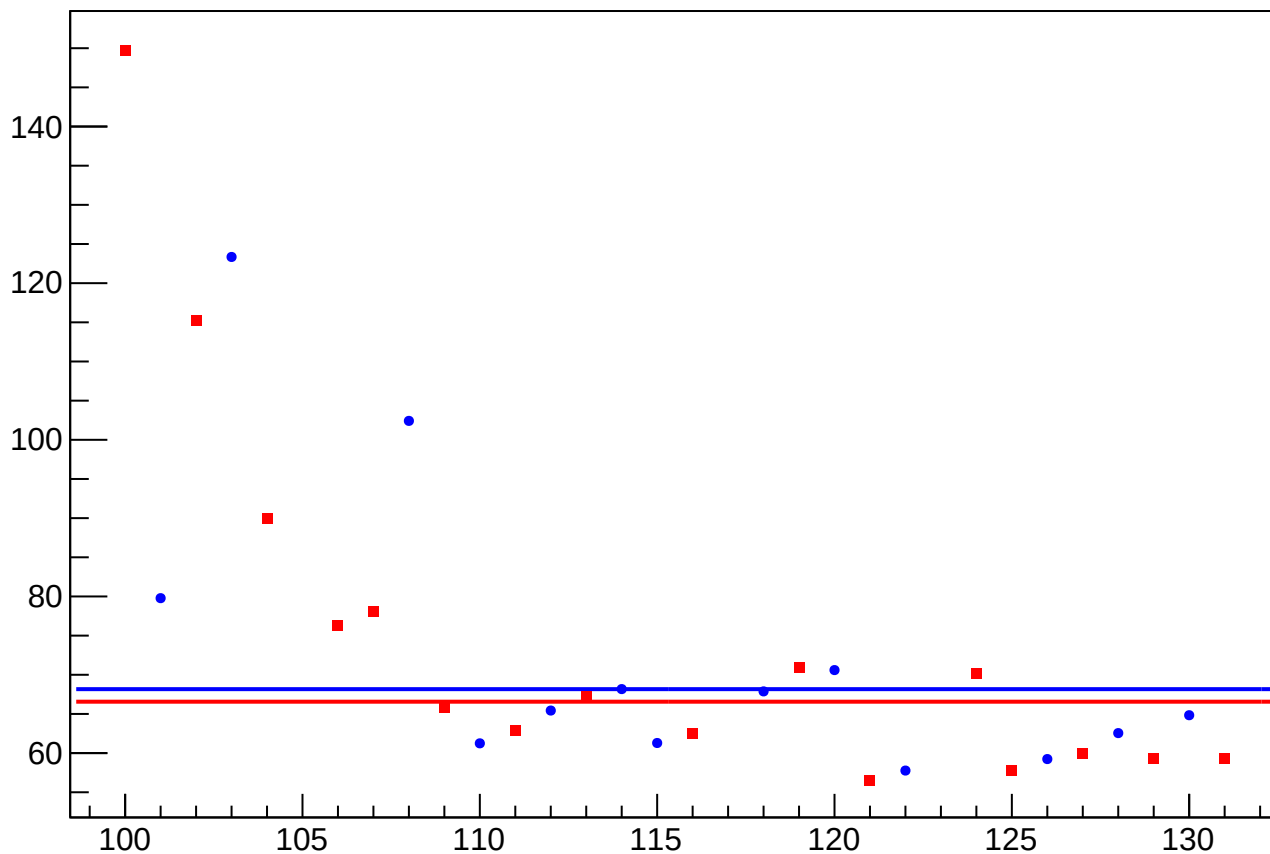
Right: 15.328 $\pm$ 20.074 χ^2 /NDF: 35.8/28

In: 43.987 $\pm$ 29.694 χ^2 /NDF:16.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.328 $\pm$ 20.074 χ^2 /NDF: 35.8/28

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 68.165+/-0.021 χ^2/NDF : 424563.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.564+/-0.019 χ^2/NDF : 445705.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

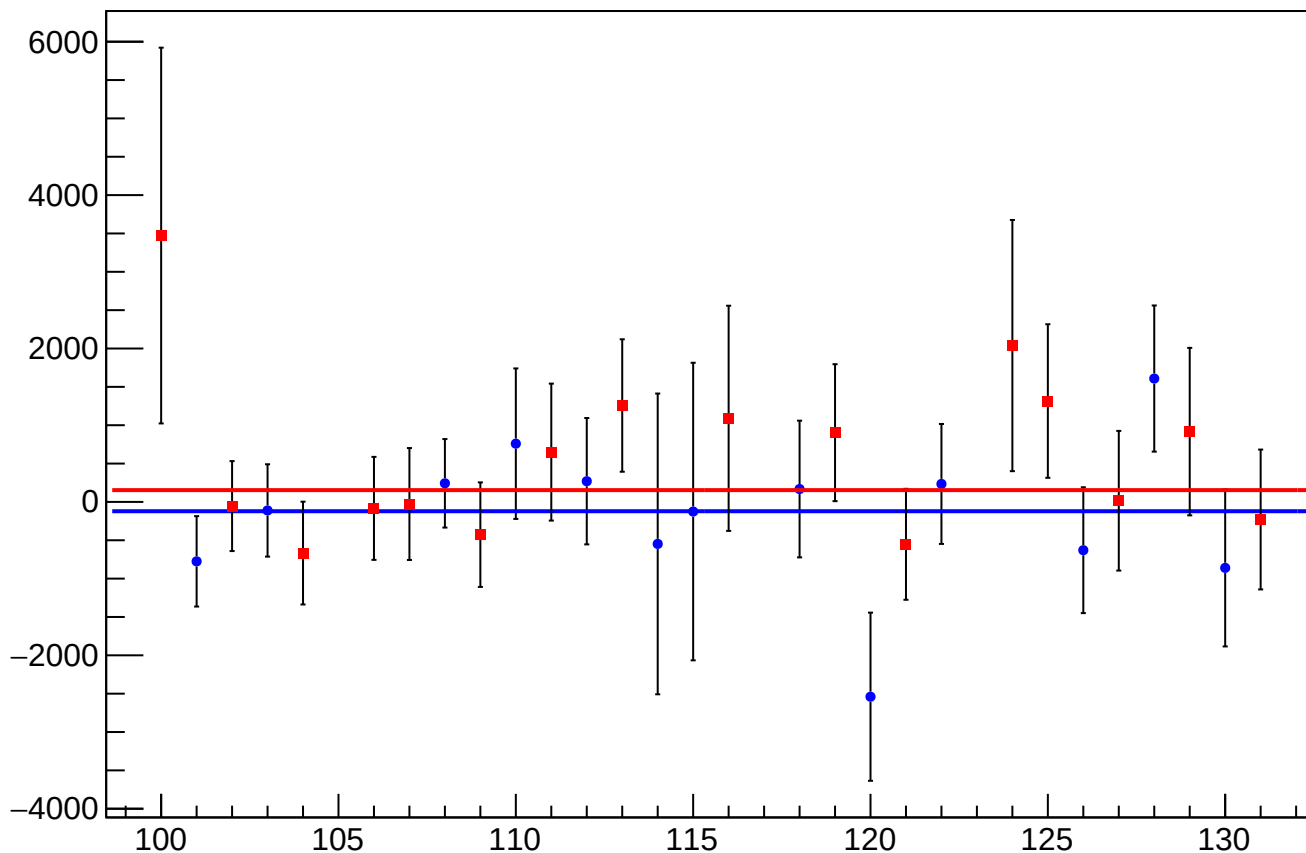
Right: 67.296+/-0.014 χ^2/NDF : 873428.6/28

In: 68.165+/-0.021 χ^2/NDF : 424563.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.296+/-0.014 χ^2/NDF : 873428.6/28

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -121.467 $\pm$ 229.729 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.820 $\pm$ 211.296 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

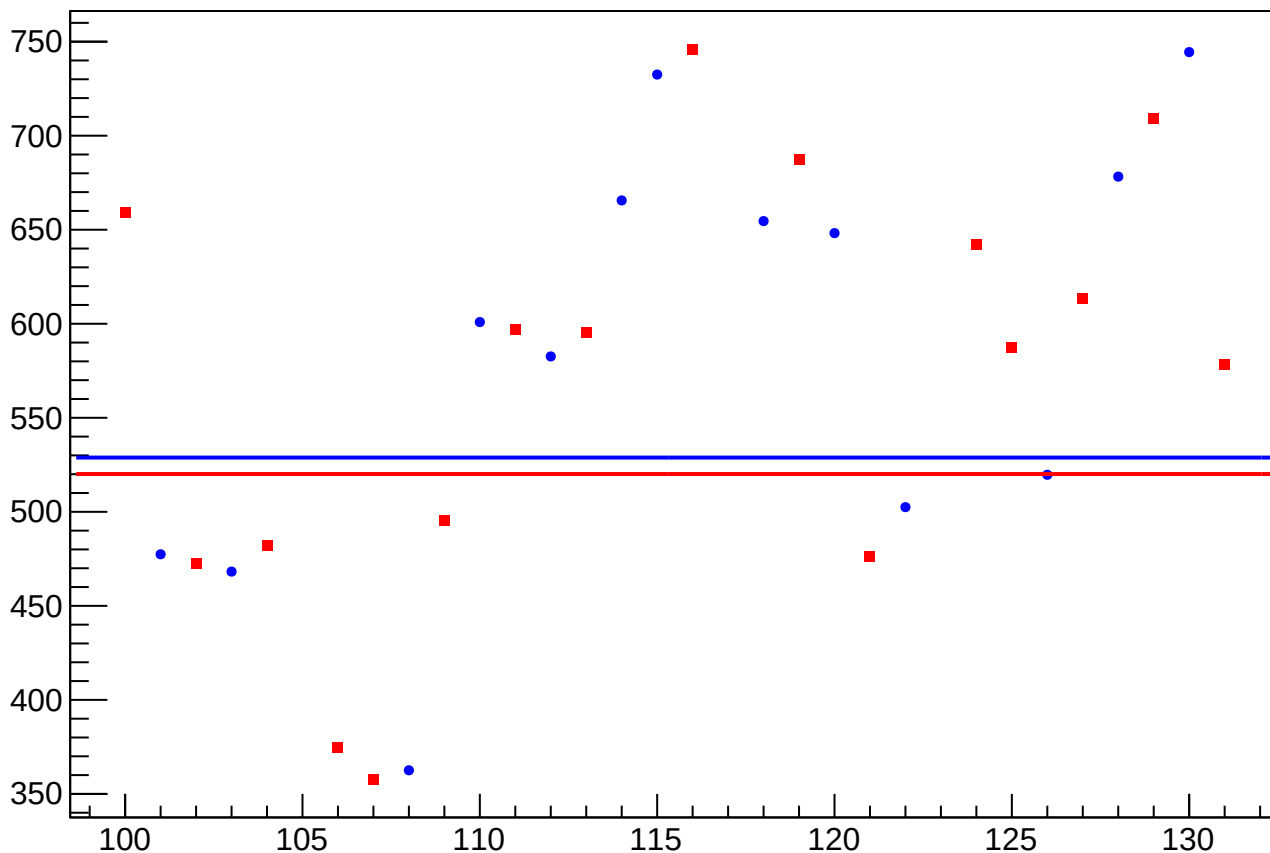
Right: 27.662 $\pm$ 155.518 χ^2 /NDF: 24.6/28

In: -121.467 $\pm$ 229.729 χ^2 /NDF: 12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.662 $\pm$ 155.518 χ^2 /NDF: 24.6/28

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.844+/-0.162 χ^2/NDF : 456522.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 520.088+/-0.149 χ^2/NDF : 485838.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

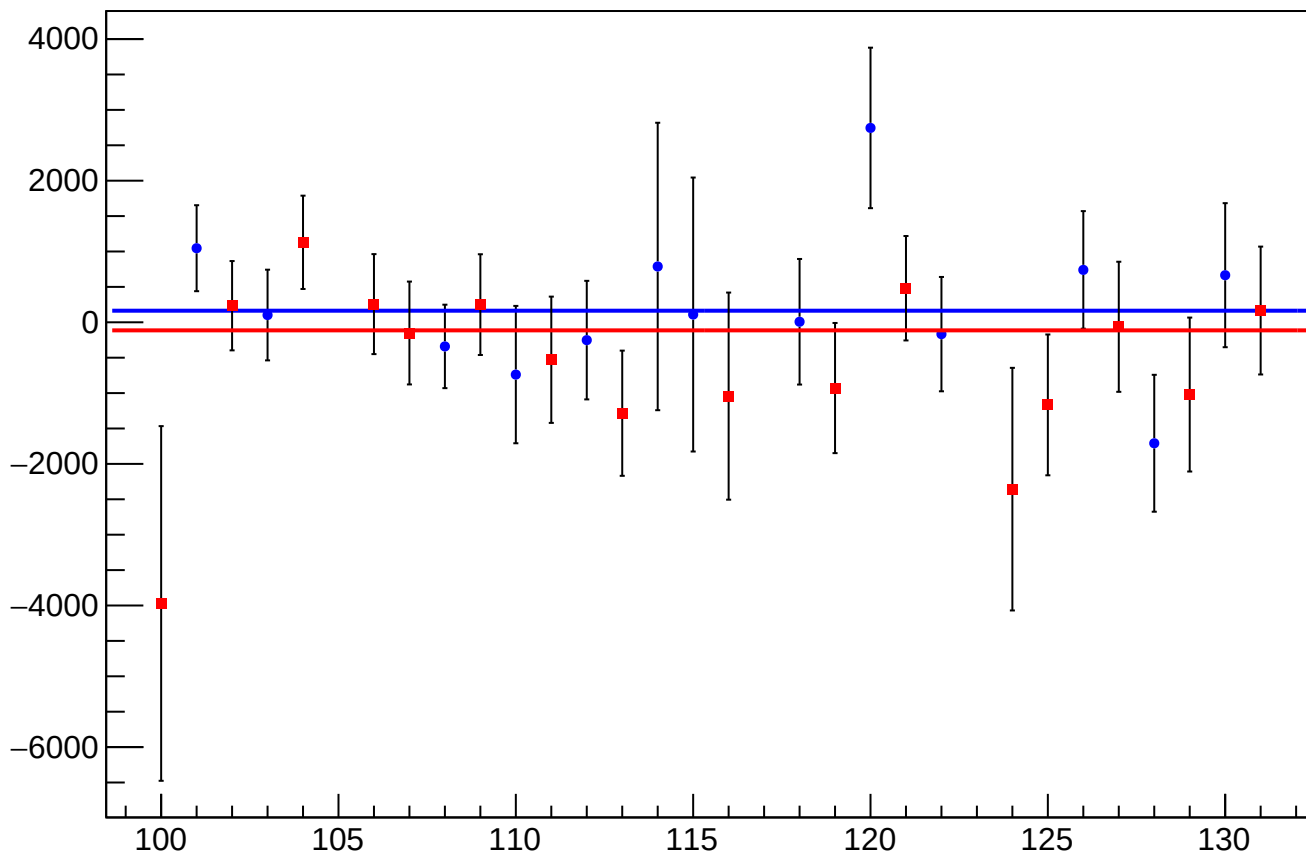
Right: 524.101+/-0.110 χ^2/NDF : 943934.2/28

In: 528.844+/-0.162 χ^2/NDF :456522.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.101+/-0.110 χ^2/NDF : 943934.2/28

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 163.649 $\pm$ 235.060 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -114.061 $\pm$ 215.726 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

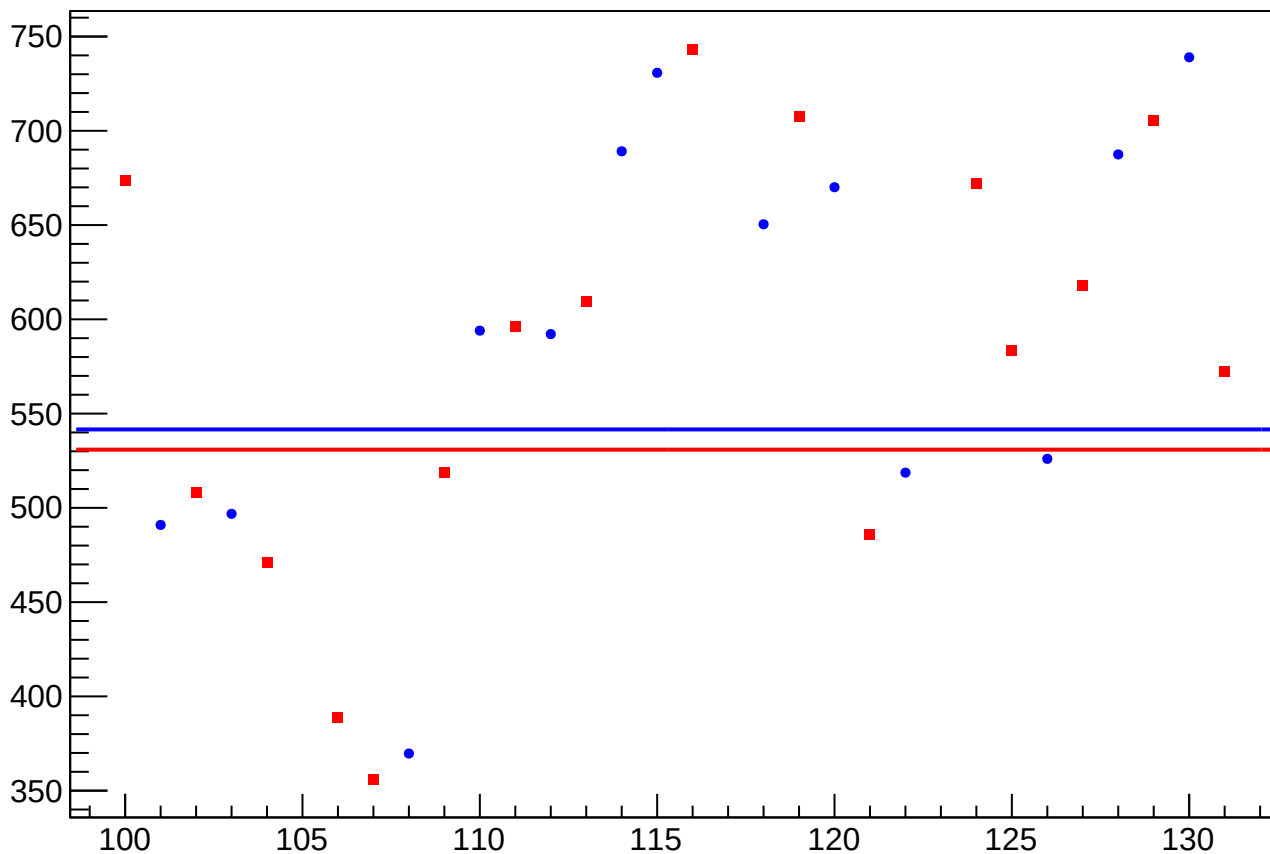
Right: 12.904 $\pm$ 158.938 χ^2 /NDF: 28.9/28

In: 163.649 $\pm$ 235.060 χ^2 /NDF:13.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.904 $\pm$ 158.938 χ^2 /NDF: 28.9/28

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 541.606+/-0.166 χ^2/NDF : 415605.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 530.882+/-0.153 χ^2/NDF : 466455.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

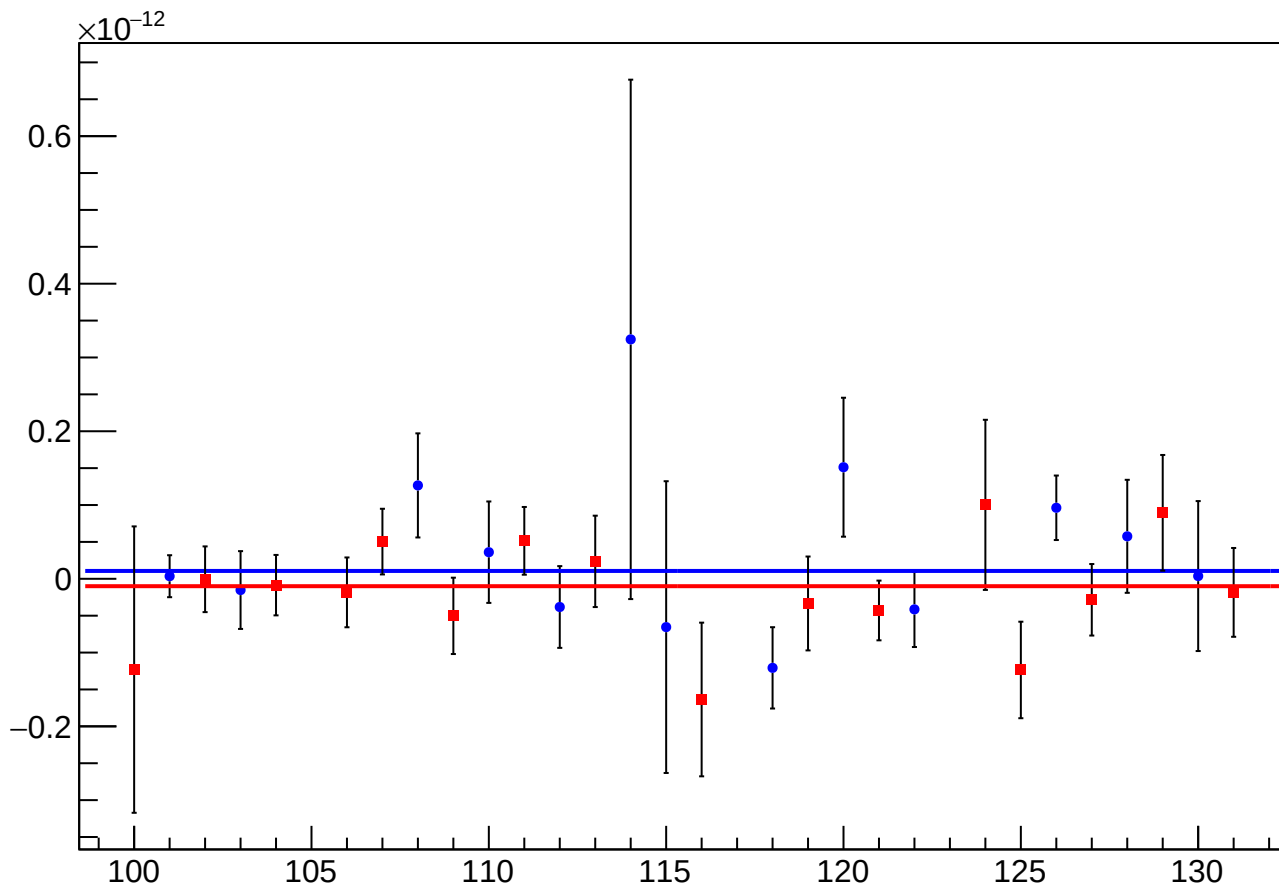
Right: 535.785+/-0.112 χ^2/NDF : 884320.4/28

In: 541.606+/-0.166 χ^2/NDF :415605.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 535.785+/-0.112 χ^2/NDF : 884320.4/28

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

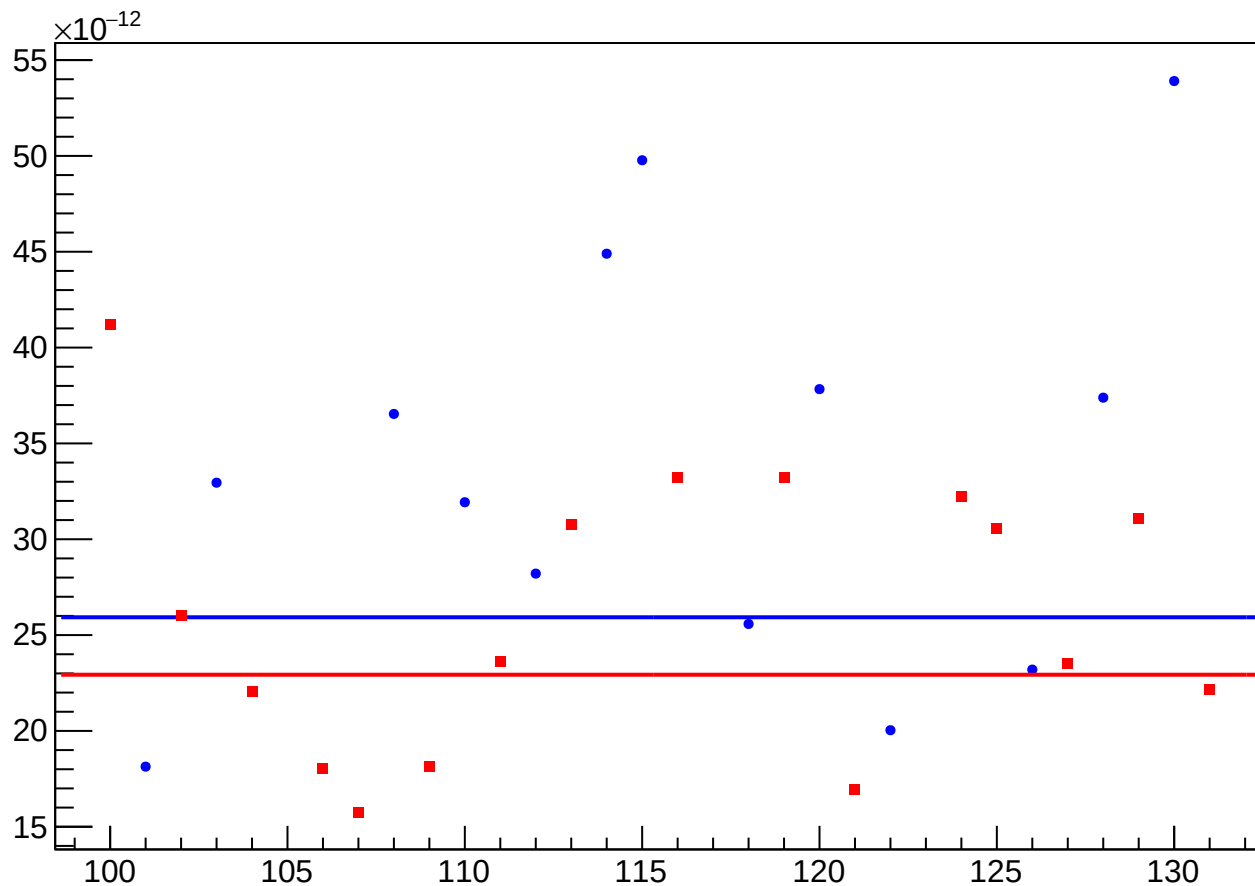
Right: -0.000+/-0.000 χ^2/NDF : 32.6/28

In: 0.000+/-0.000 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.6/28

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 547129.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 329007.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

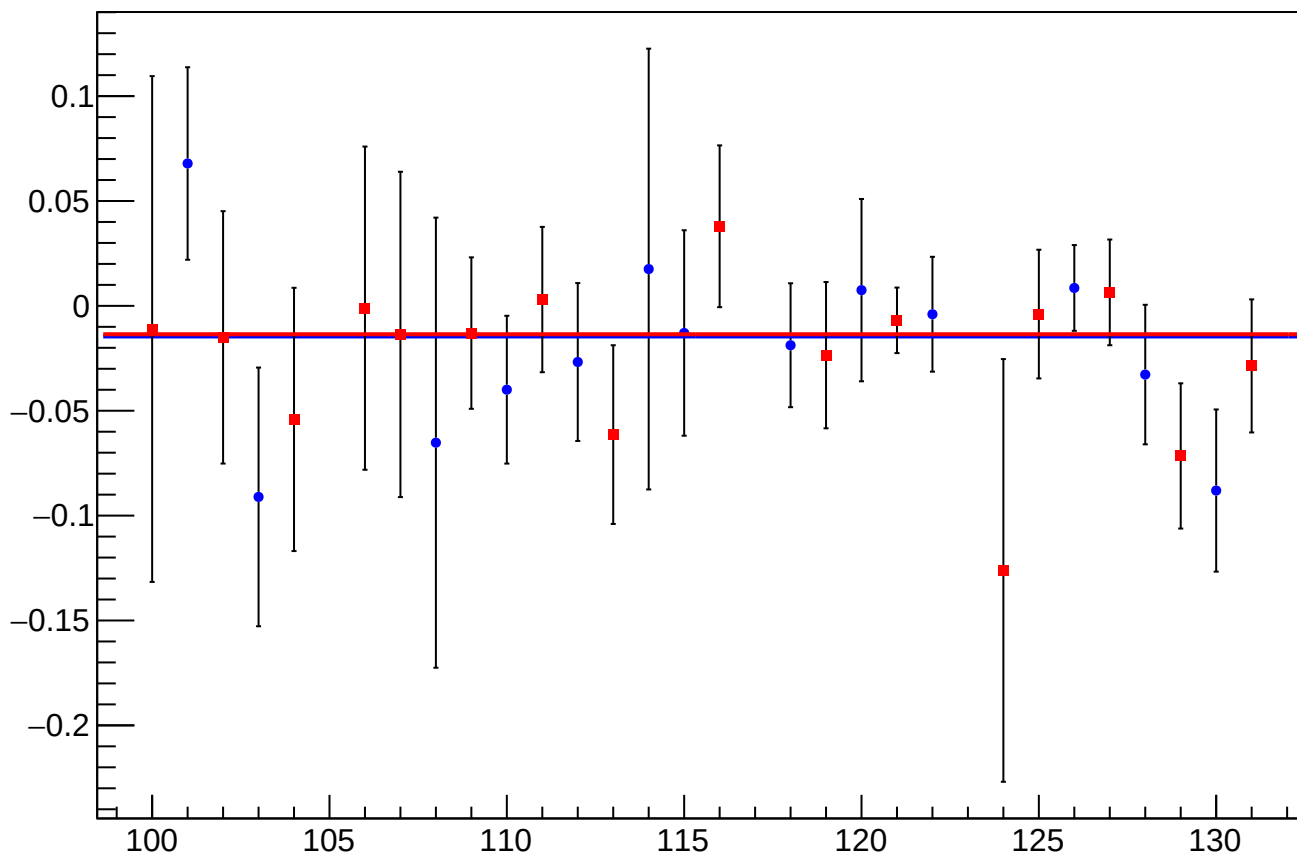
Right: 0.000+/-0.000 χ^2/NDF : 917039.1/28

In: 0.000+/-0.000 χ^2/NDF : 547129.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917039.1/28

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

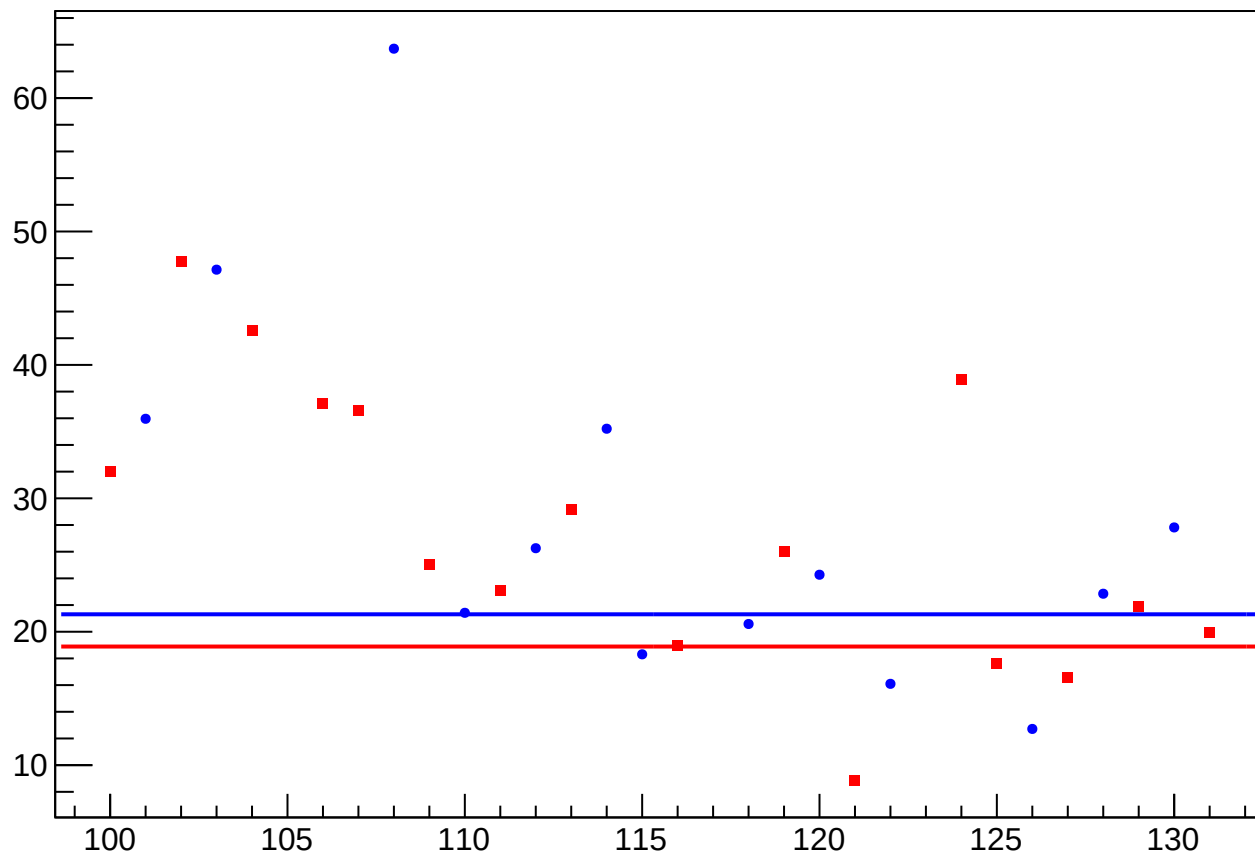
Right: -0.014 ± 0.007 χ^2/NDF : 20.3/28

In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.007 χ^2/NDF : 20.3/28

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.891+/-0.006 χ^2/NDF : 2216025.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

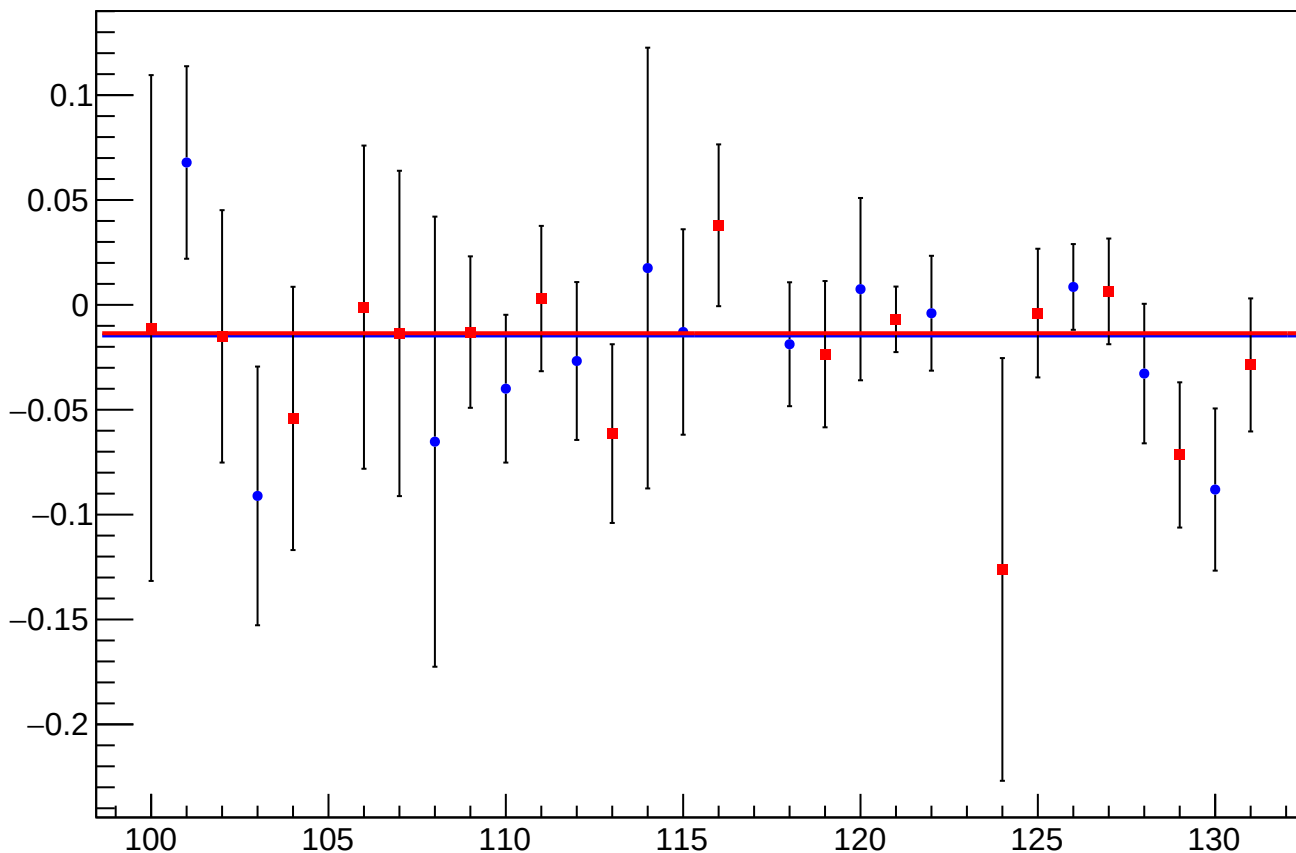
Right: 19.920+/-0.005 χ^2/NDF : 3723557.7/28

In: 21.307+/-0.007 χ^2/NDF :1441692.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.920+/-0.005 χ^2/NDF : 3723557.7/28

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

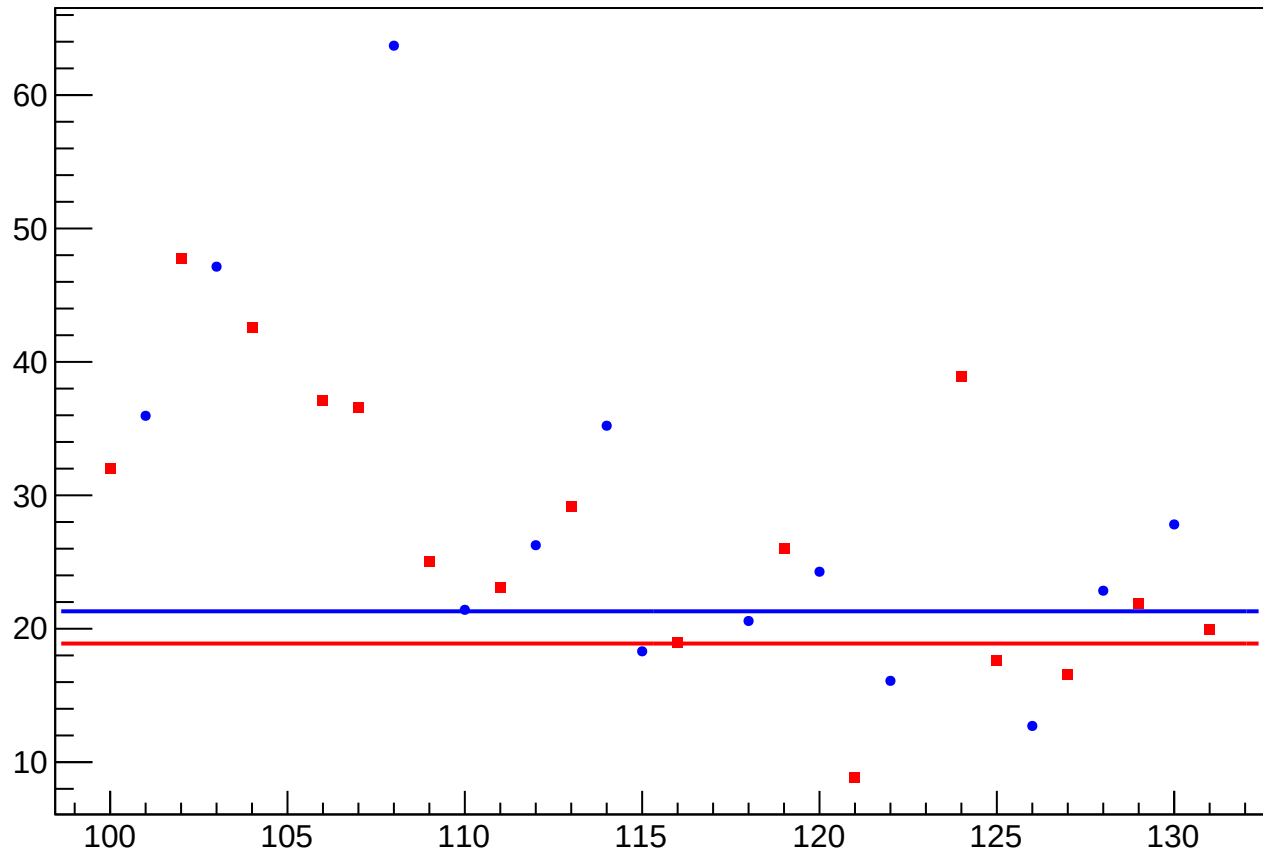
Right: -0.014 ± 0.007 χ^2/NDF : 20.3/28

In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.007 χ^2/NDF : 20.3/28

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.891+/-0.006 χ^2/NDF : 2216025.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

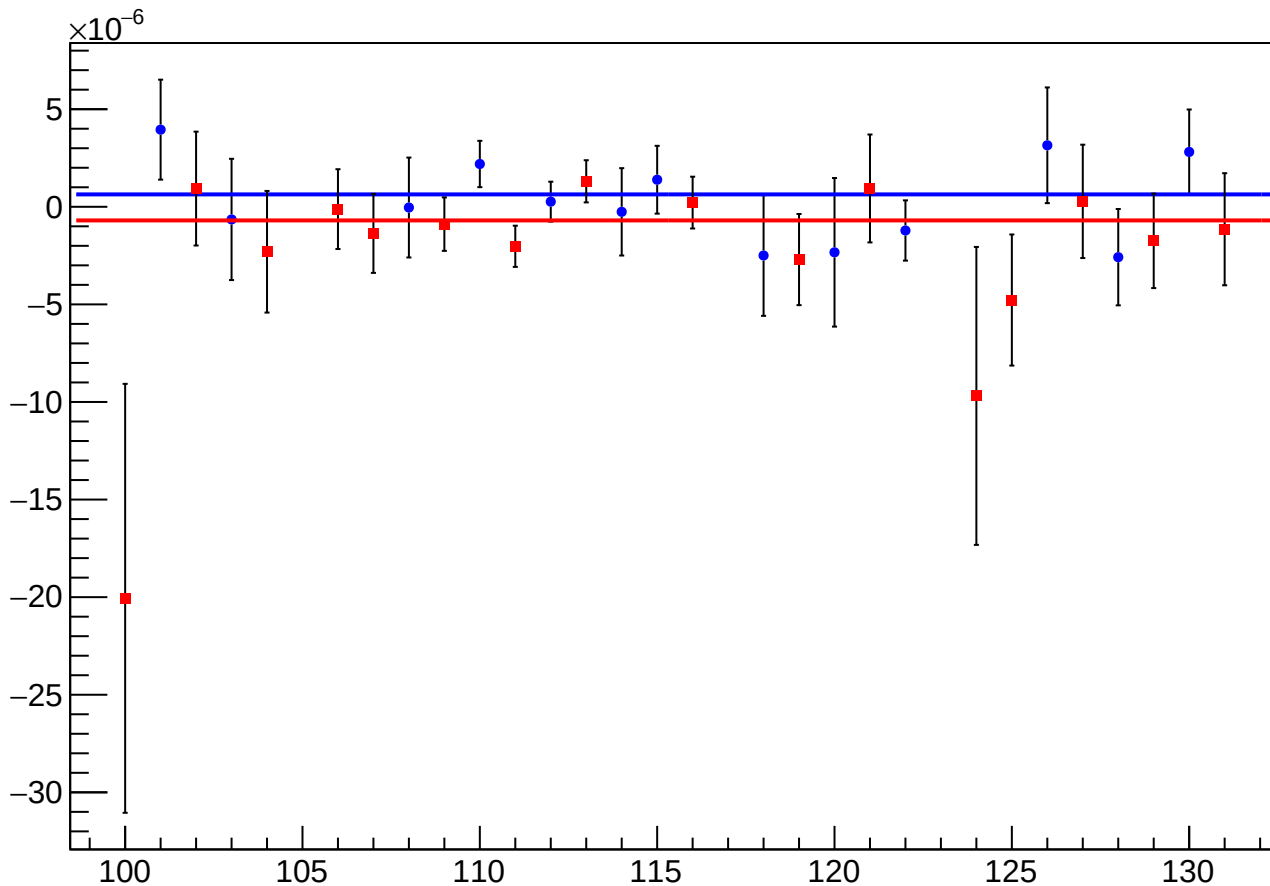
Right: 19.920+/-0.005 χ^2/NDF : 3723557.7/28

In: 21.307+/-0.007 χ^2/NDF :1441692.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.920+/-0.005 χ^2/NDF : 3723557.7/28

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

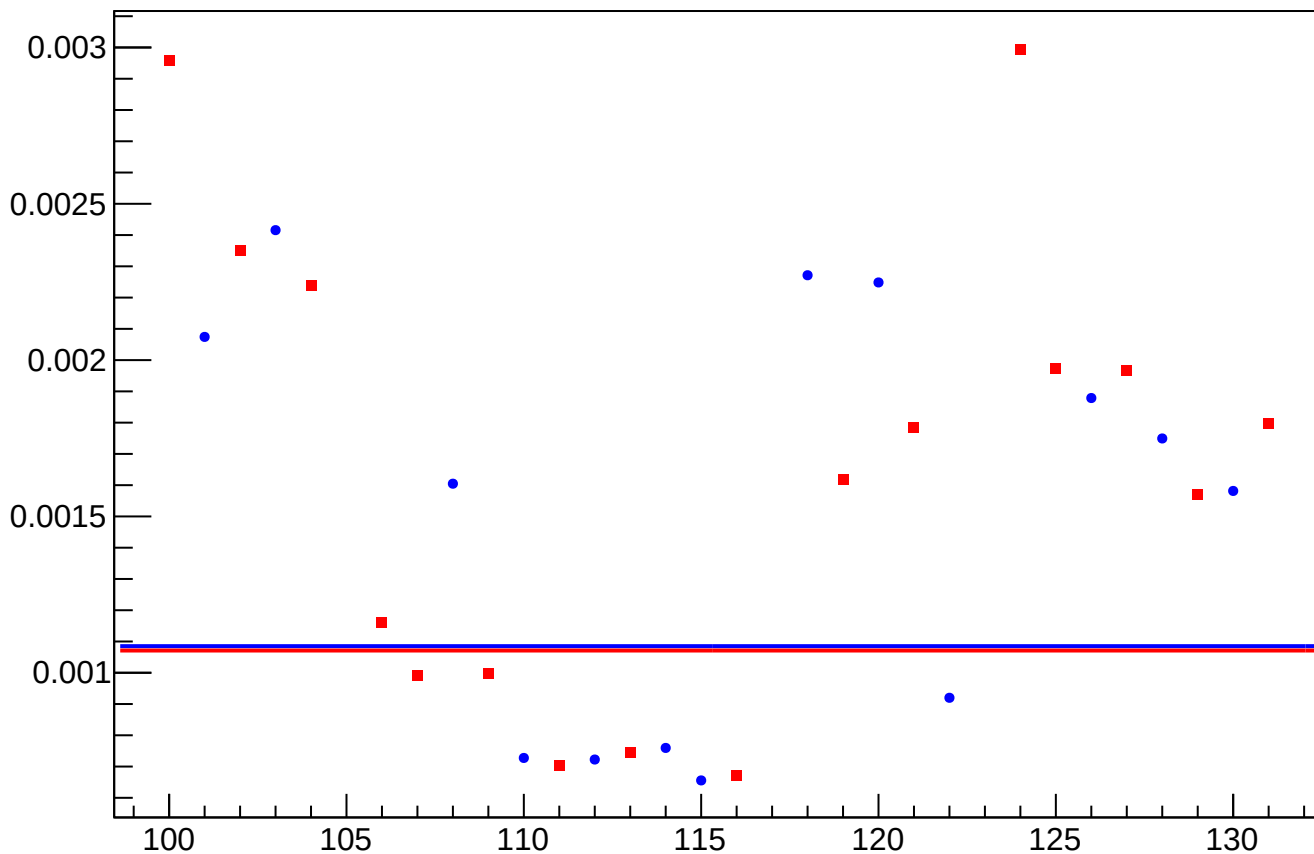
Right: -0.000+/-0.000 χ^2/NDF : 27.8/28

In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/28

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2241615.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2257516.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

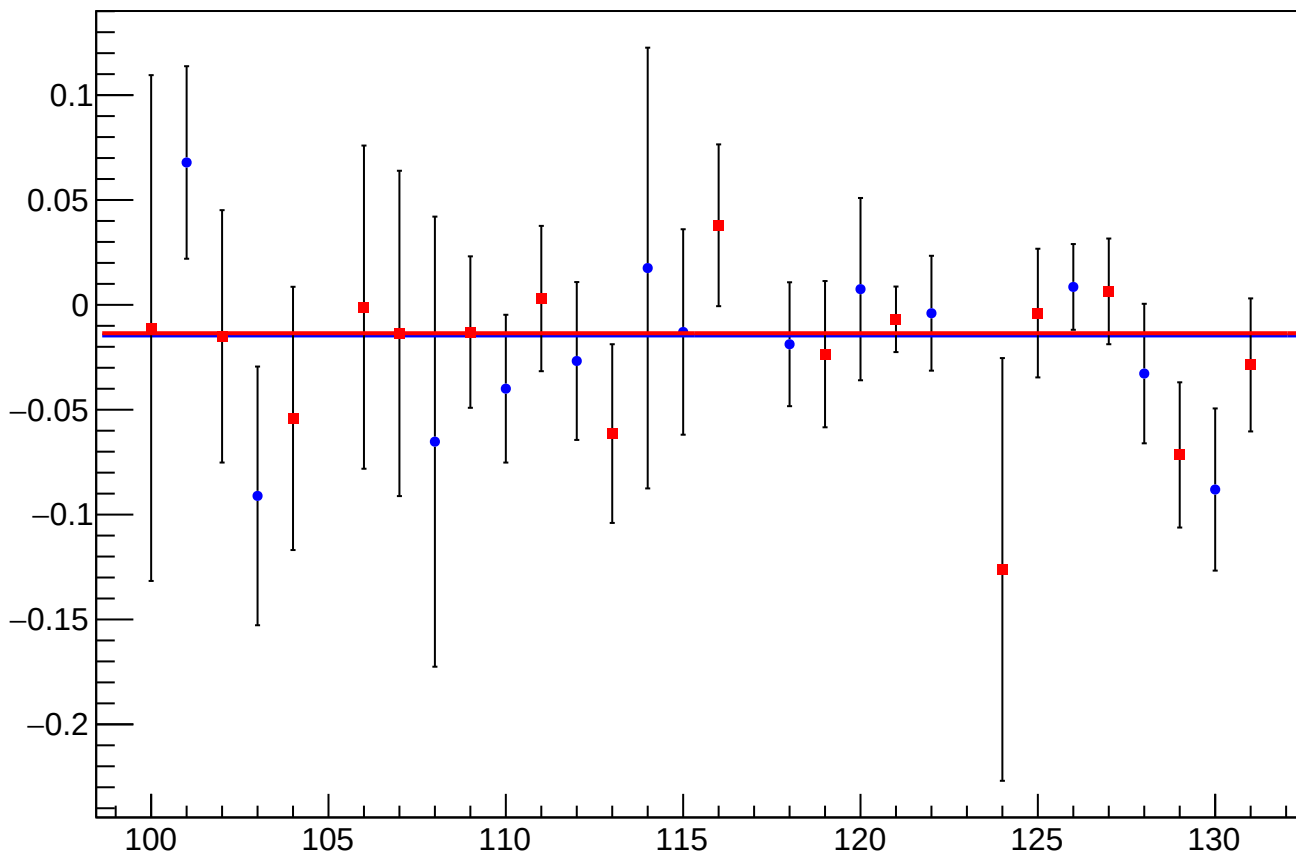
Right: 0.001+/-0.000 χ^2/NDF : 4499908.8/28

In: 0.001+/-0.000 χ^2/NDF : 2241615.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4499908.8/28

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

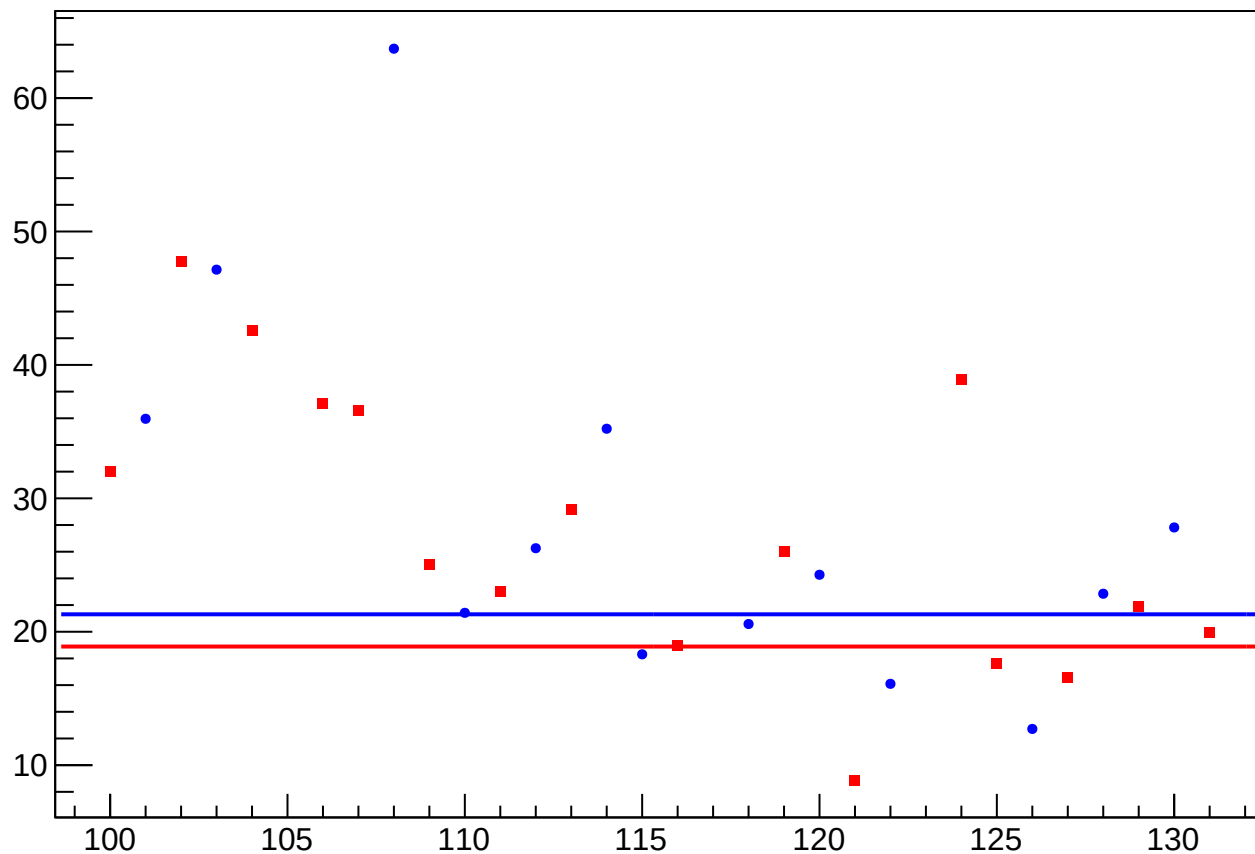
Right: -0.014 ± 0.007 χ^2/NDF : 20.3/28

In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.007 χ^2/NDF : 20.3/28

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.308 $\pm$ 0.007 χ^2 /NDF: 1441517.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.892 $\pm$ 0.006 χ^2 /NDF: 2215700.7/15

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

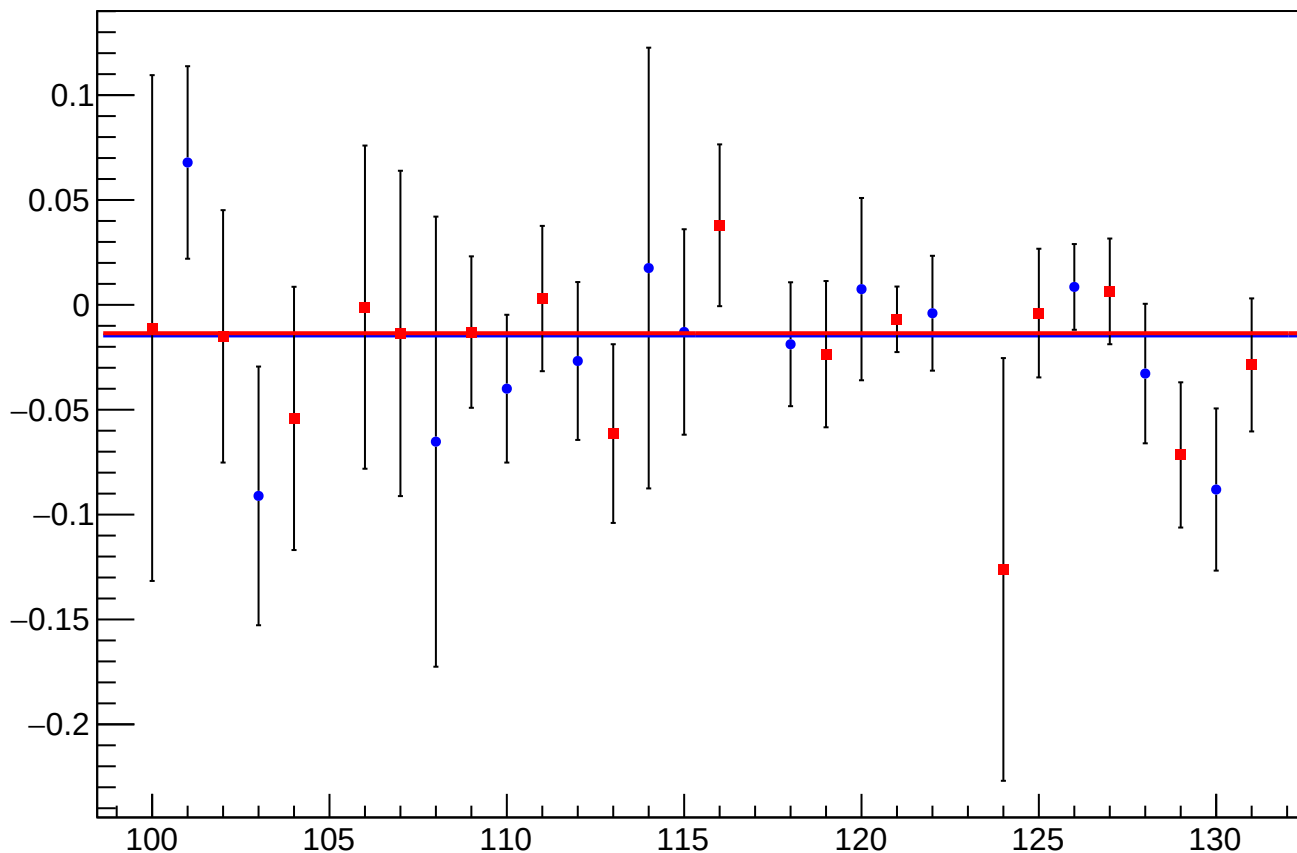
Right: 19.920 $\pm$ 0.005 χ^2 /NDF: 3723045.2/28

In: 21.308 $\pm$ 0.007 χ^2 /NDF:1441517.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.920 $\pm$ 0.005 χ^2 /NDF: 3723045.2/28

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.010 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.009 χ^2/NDF : 9.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

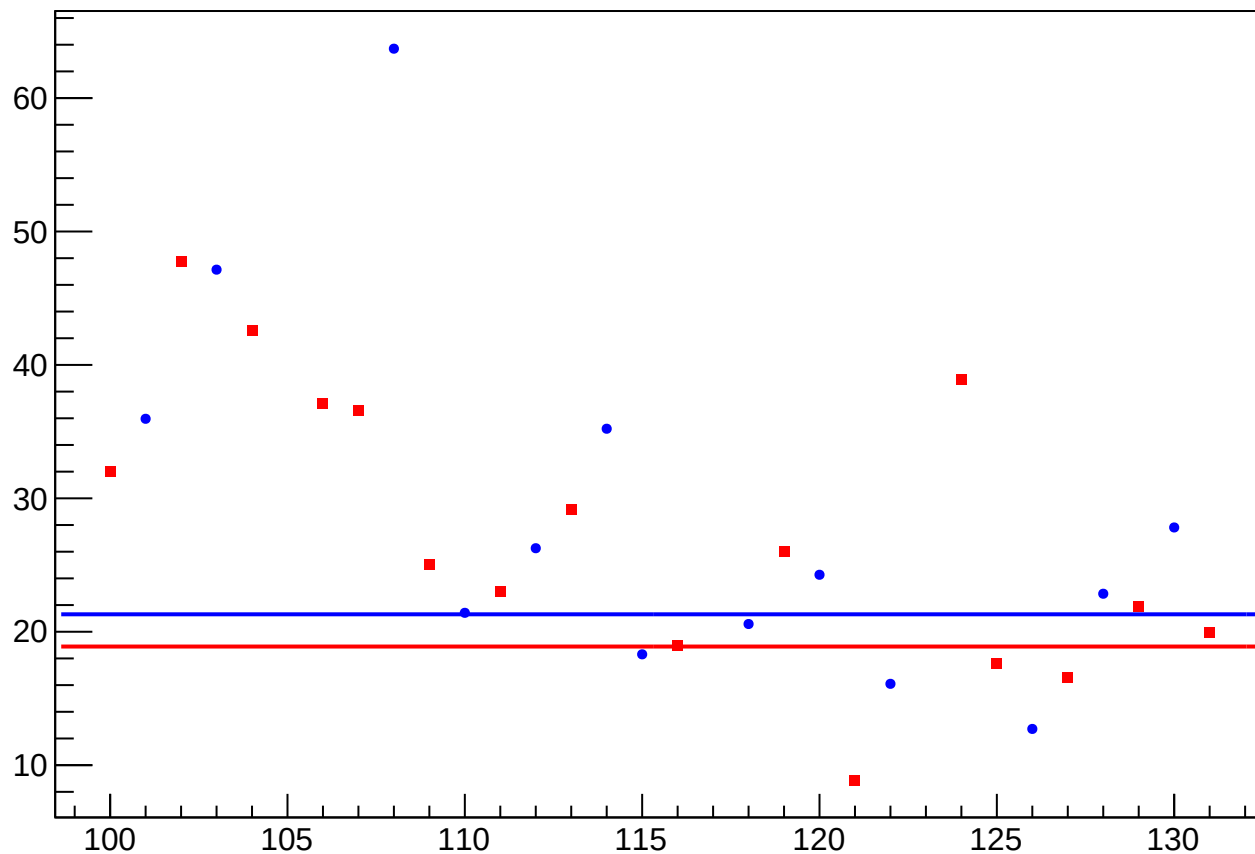
Right: -0.014+/-0.007 χ^2/NDF : 20.3/28

In: -0.015+/-0.010 χ^2/NDF :11.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.007 χ^2/NDF : 20.3/28

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.308+/-0.007 χ^2/NDF : 1441517.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.892+/-0.006 χ^2/NDF : 2215700.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

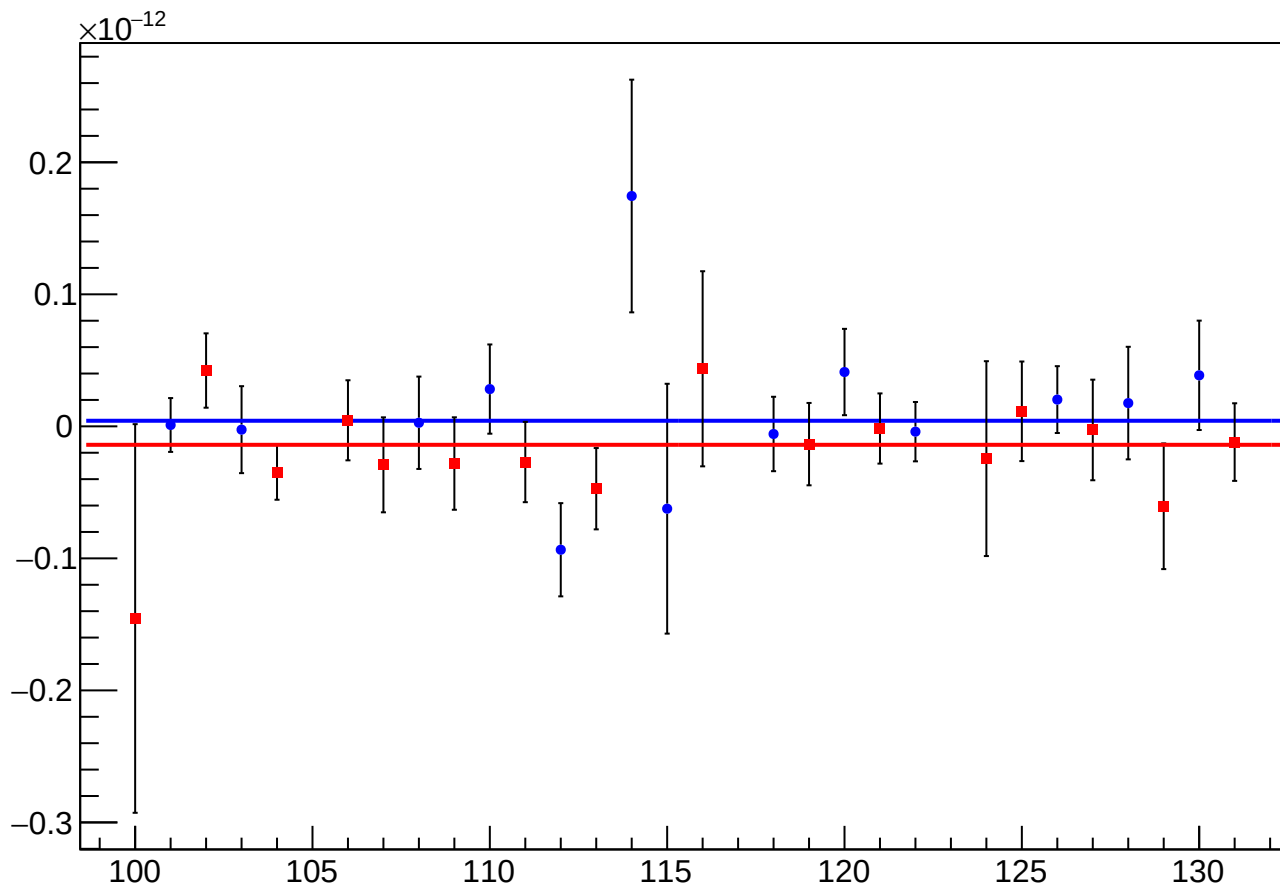
Right: 19.920+/-0.005 χ^2/NDF : 3723045.2/28

In: 21.308+/-0.007 χ^2/NDF :1441517.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.920+/-0.005 χ^2/NDF : 3723045.2/28

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

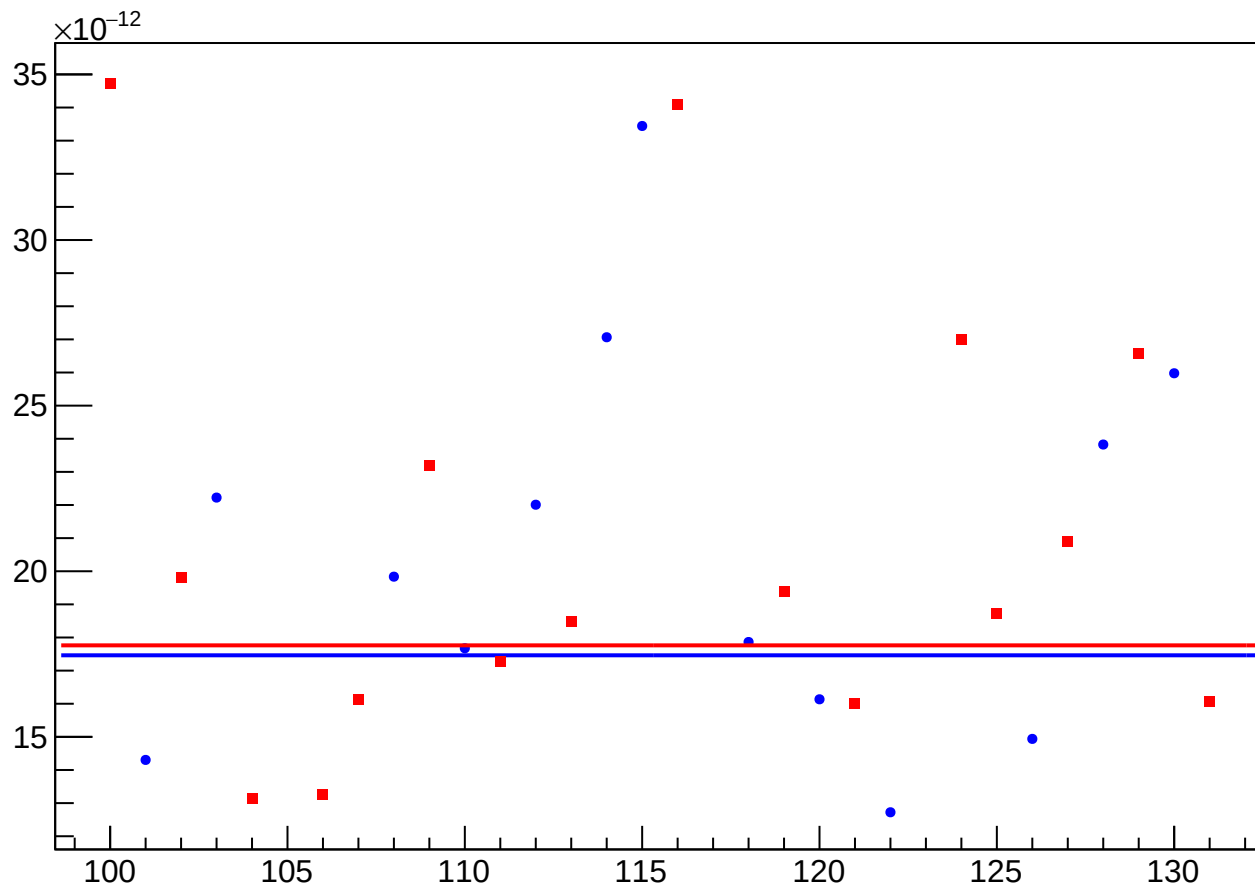
Right: -0.000+/-0.000 χ^2/NDF : 27.6/28

In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.6/28

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 454603.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 465083.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

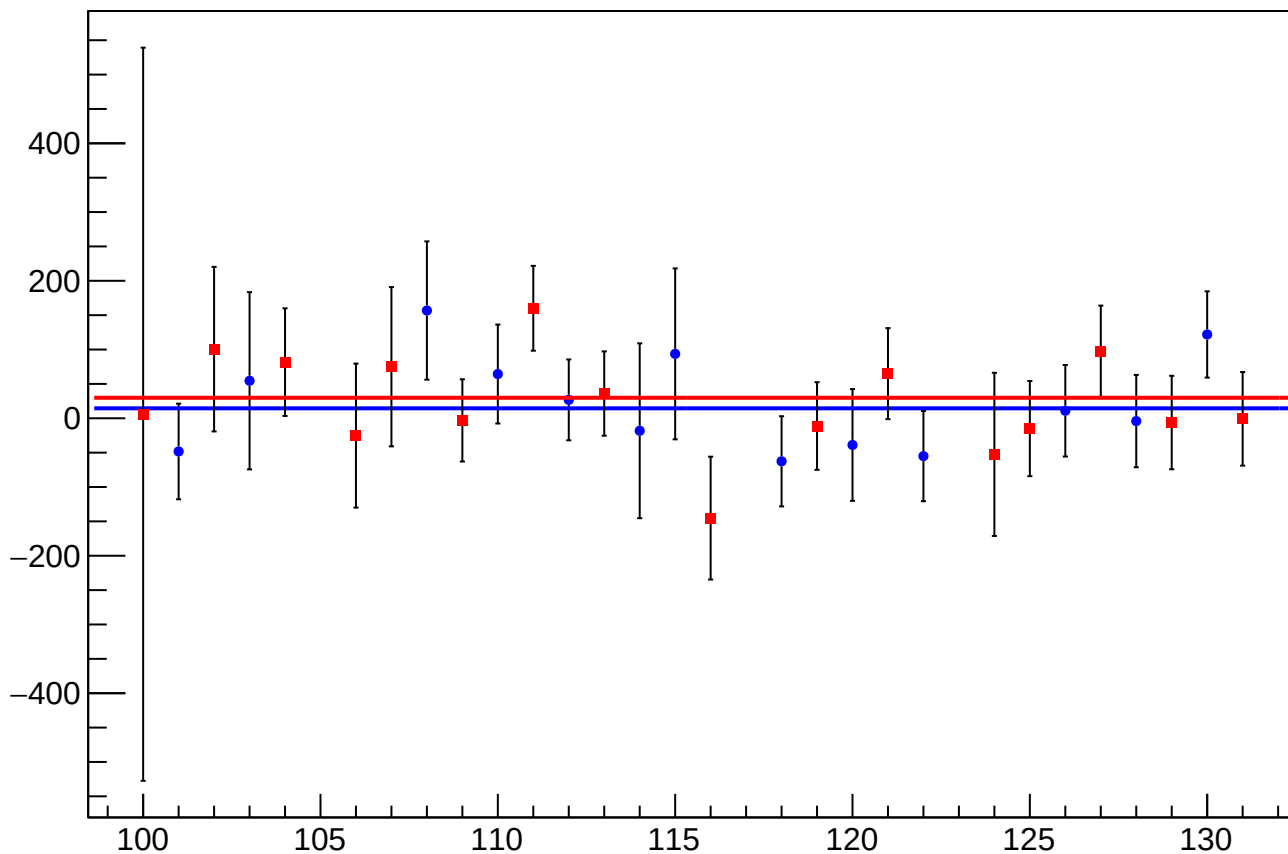
Right: 0.000+/-0.000 χ^2/NDF : 920908.3/28

In: 0.000+/-0.000 χ^2/NDF : 454603.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 920908.3/28

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.483+/-20.890 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.843+/-19.078 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

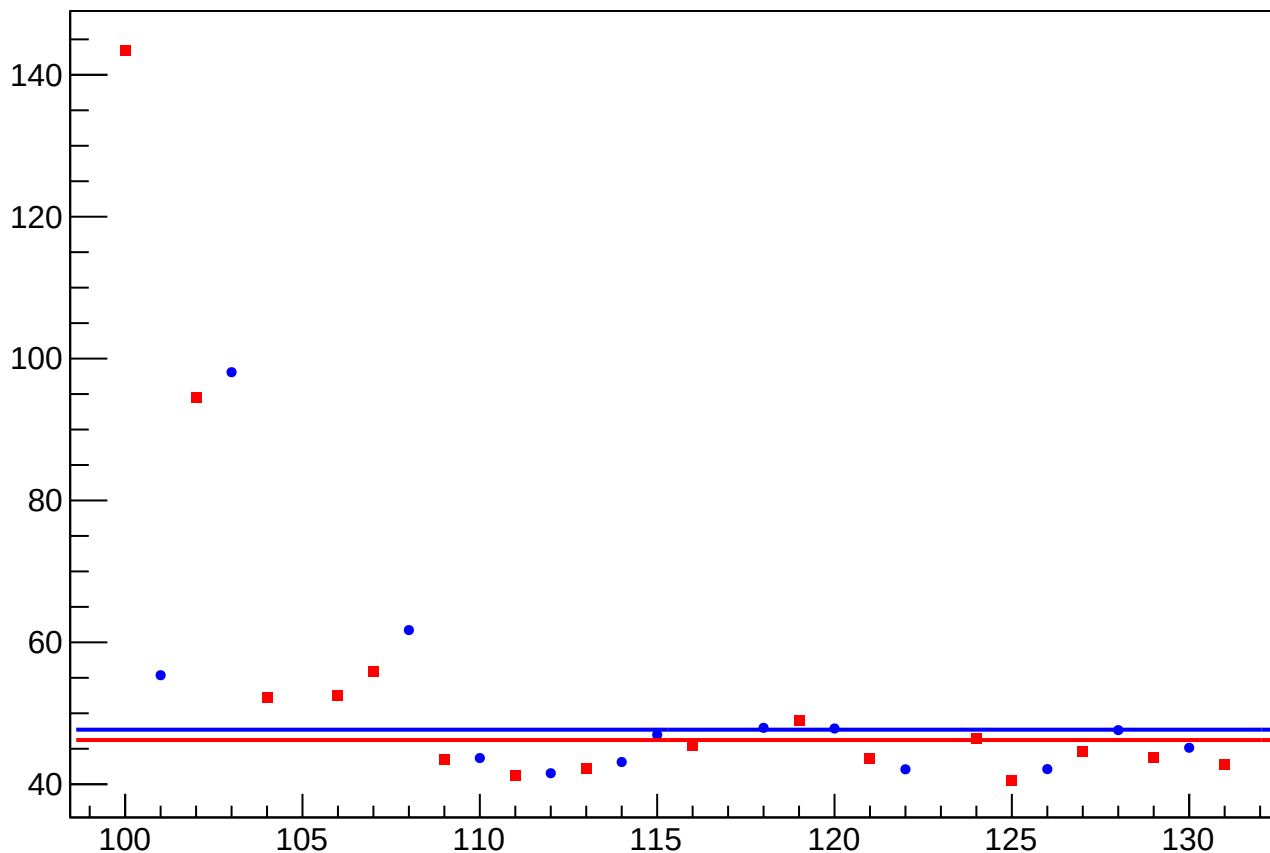
Right: 22.858+/-14.087 χ^2/NDF : 23.1/28

In: 14.483+/-20.890 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.858+/-14.087 χ^2/NDF : 23.1/28

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.691+/-0.015 χ^2/NDF : 431013.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.230+/-0.013 χ^2/NDF : 480942.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

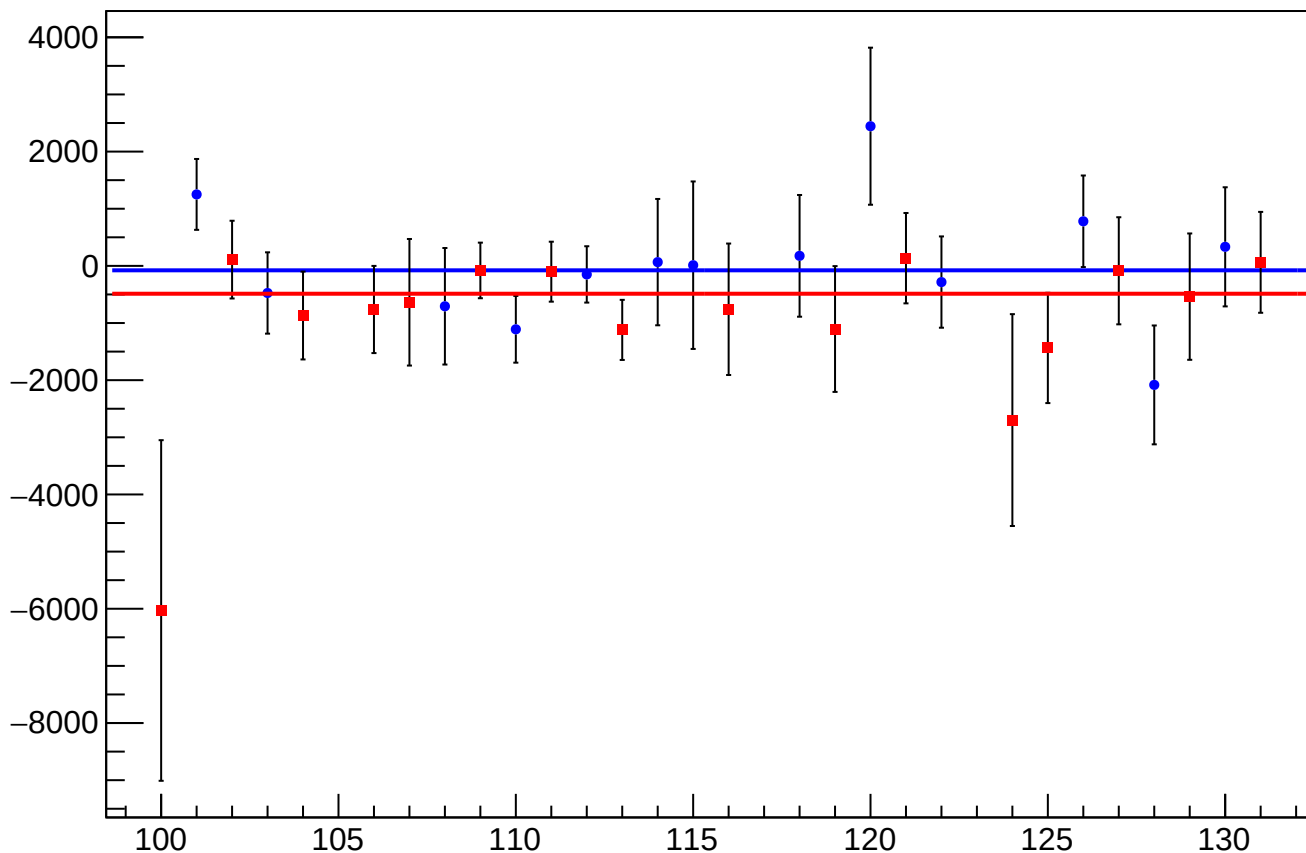
Right: 46.895+/-0.010 χ^2/NDF : 917287.0/28

In: 47.691+/-0.015 χ^2/NDF : 431013.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.895+/-0.010 χ^2/NDF : 917287.0/28

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -77.732 ± 222.235 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -487.456 ± 197.012 $\chi^2/\text{NDF}: 11.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

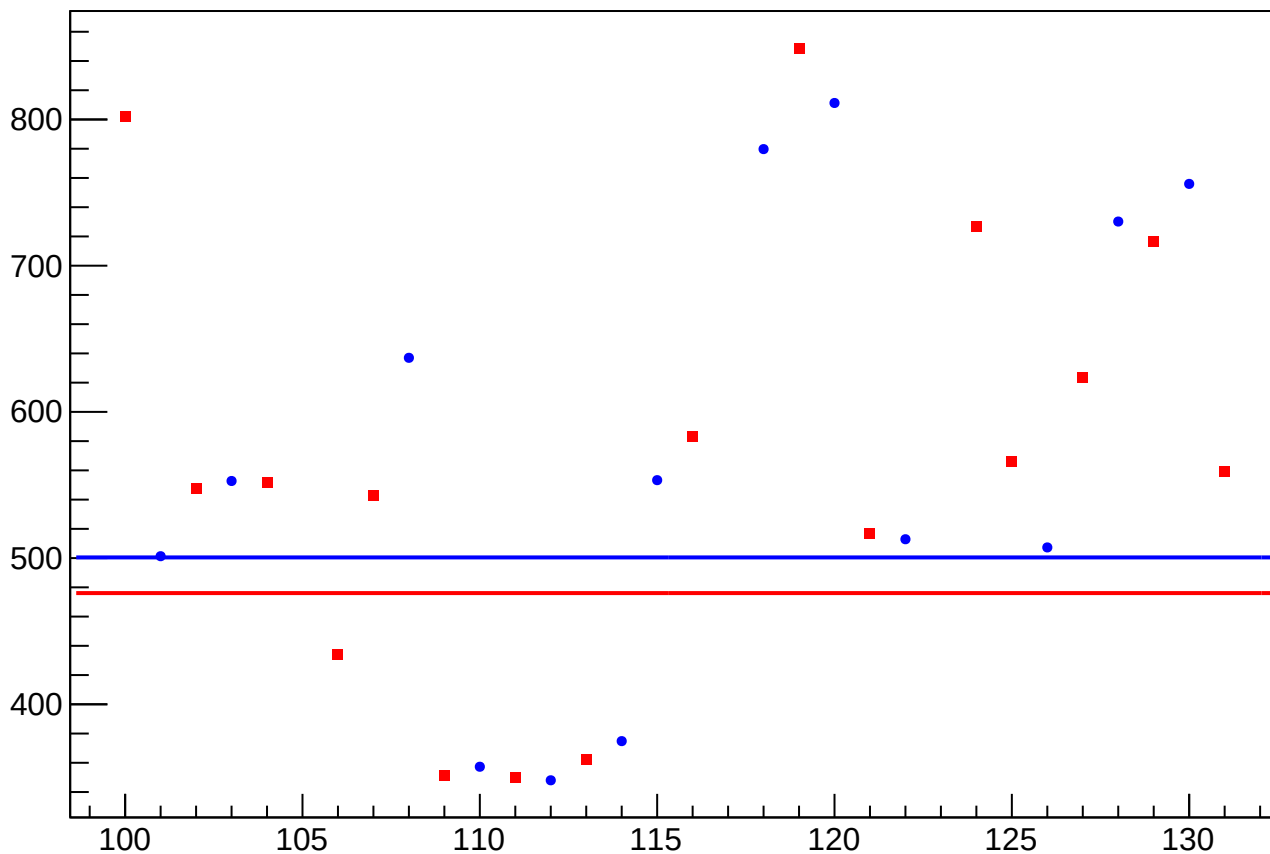
Right: -307.155 ± 147.423 $\chi^2/\text{NDF}: 30.1/28$

In: -77.732 ± 222.235 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -307.155 ± 147.423 $\chi^2/\text{NDF}: 30.1/28$

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 500.465+/-0.157 χ^2/NDF : 844657.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.069+/-0.139 χ^2/NDF : 886428.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

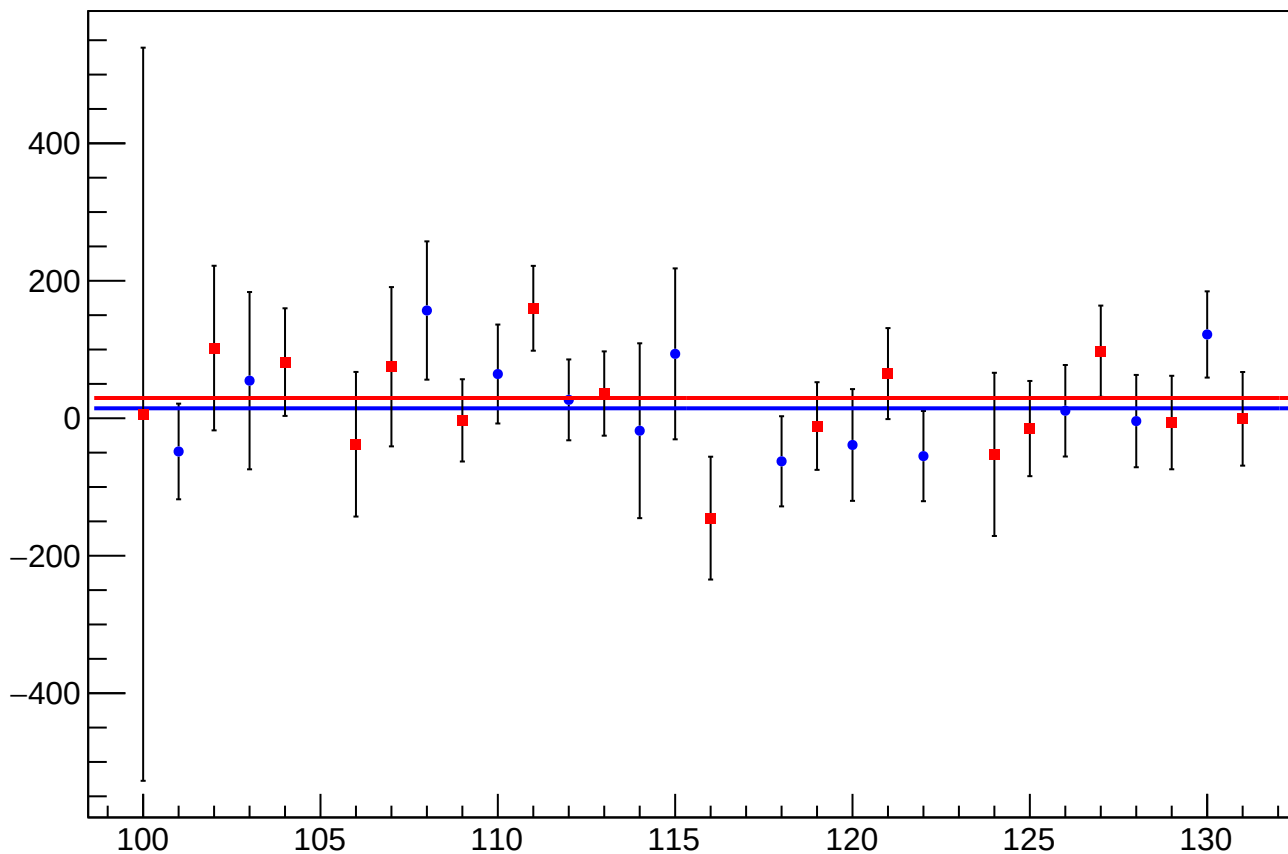
Right: 486.805+/-0.104 χ^2/NDF : 1744582.6/28

In: 500.465+/-0.157 χ^2/NDF : 844657.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.805+/-0.104 χ^2/NDF : 1744582.6/28

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.490+/-20.890 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.488+/-19.081 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

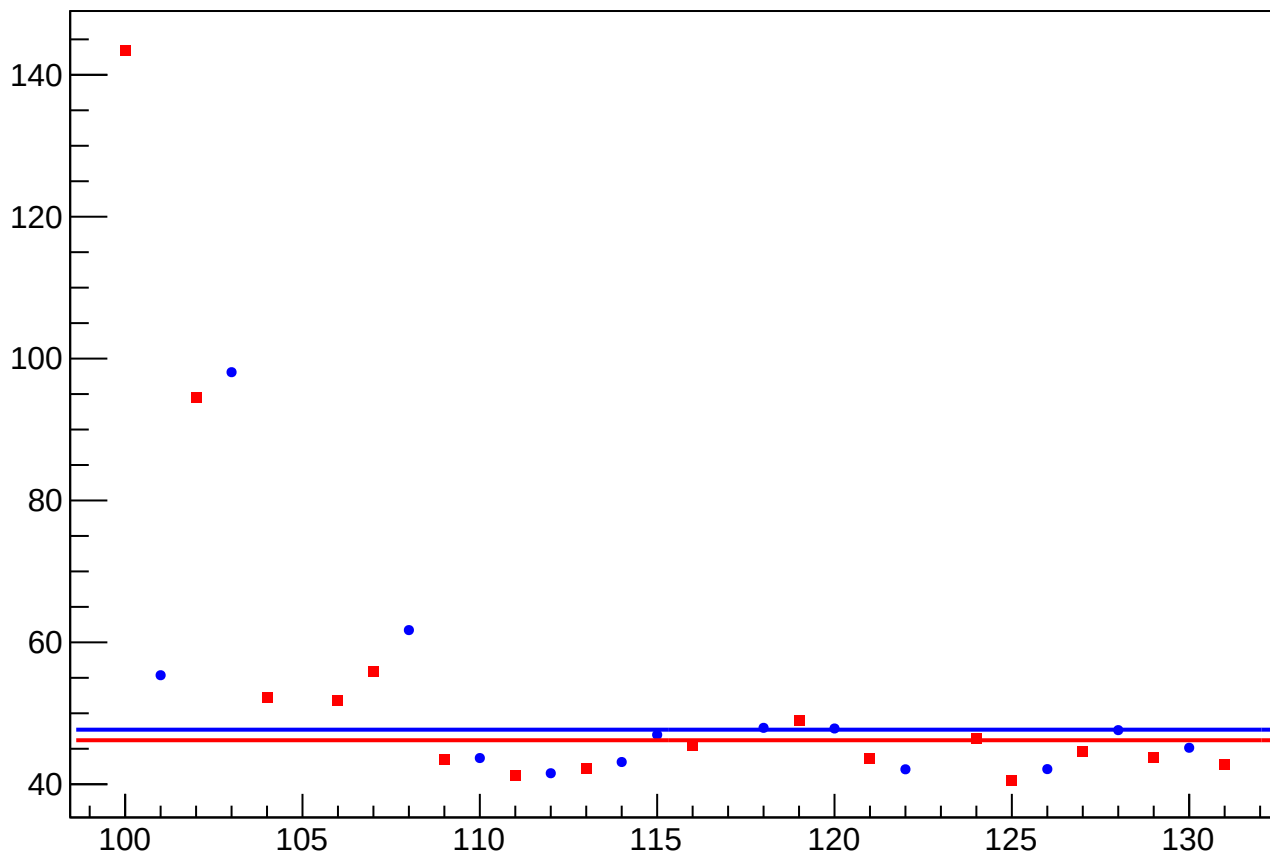
Right: 22.666+/-14.089 χ^2/NDF : 23.2/28

In: 14.490+/-20.890 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.666+/-14.089 χ^2/NDF : 23.2/28

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.202+/-0.013 χ^2/NDF : 479376.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

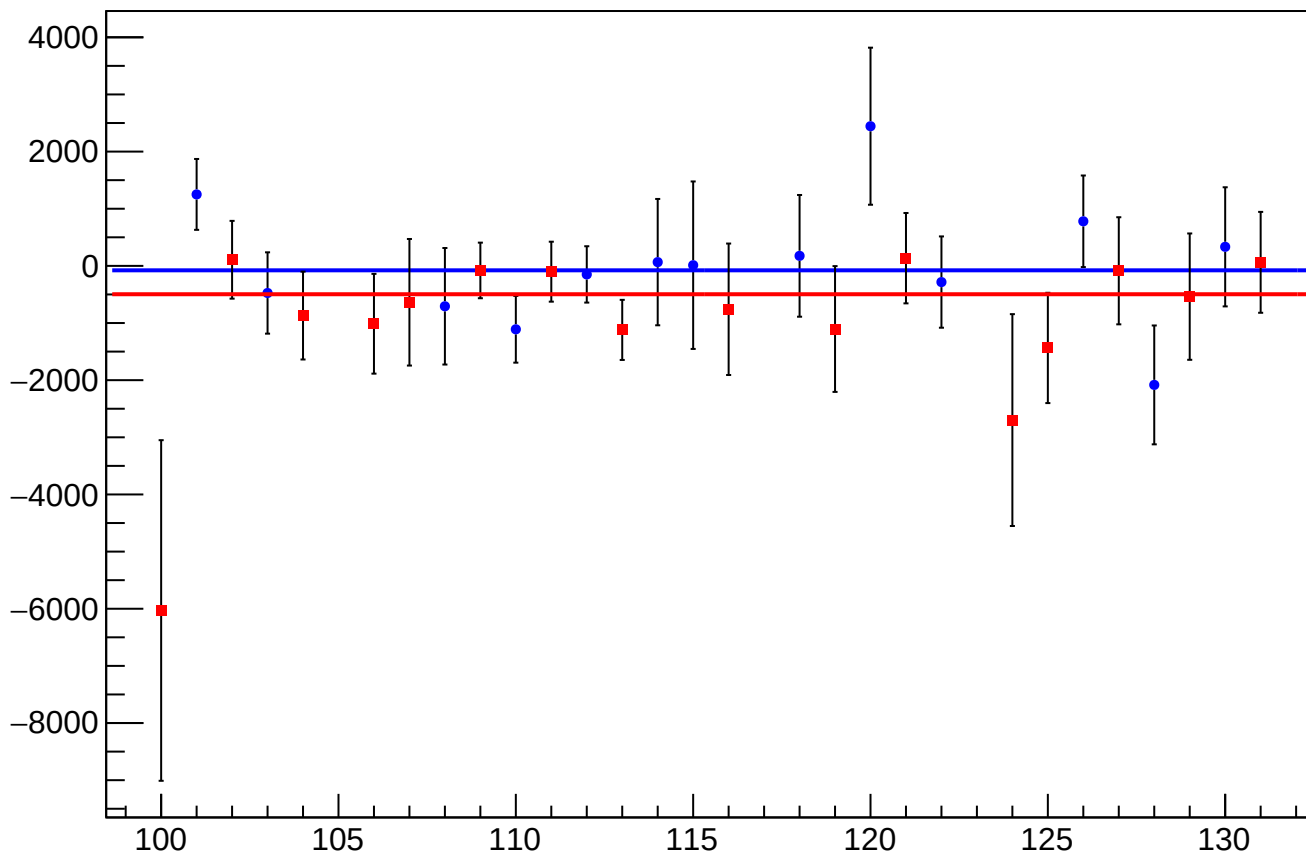
Right: 46.879+/-0.010 χ^2/NDF : 915935.3/28

In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.879+/-0.010 χ^2/NDF : 915935.3/28

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -496.275 ± 198.598 $\chi^2/\text{NDF}: 11.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

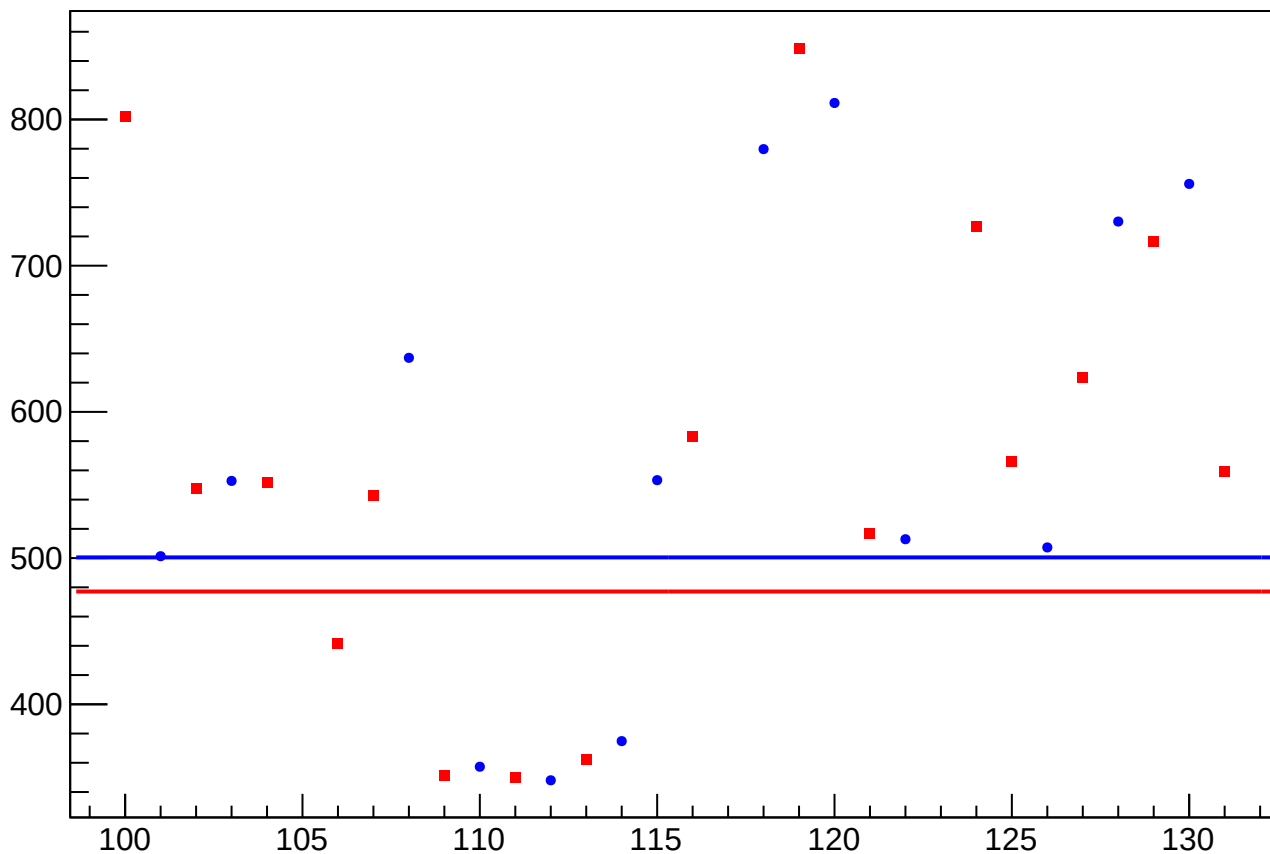
Right: -310.441 ± 148.085 $\chi^2/\text{NDF}: 30.4/28$

In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -310.441 ± 148.085 $\chi^2/\text{NDF}: 30.4/28$

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.144+/-0.140 χ^2/NDF : 883690.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

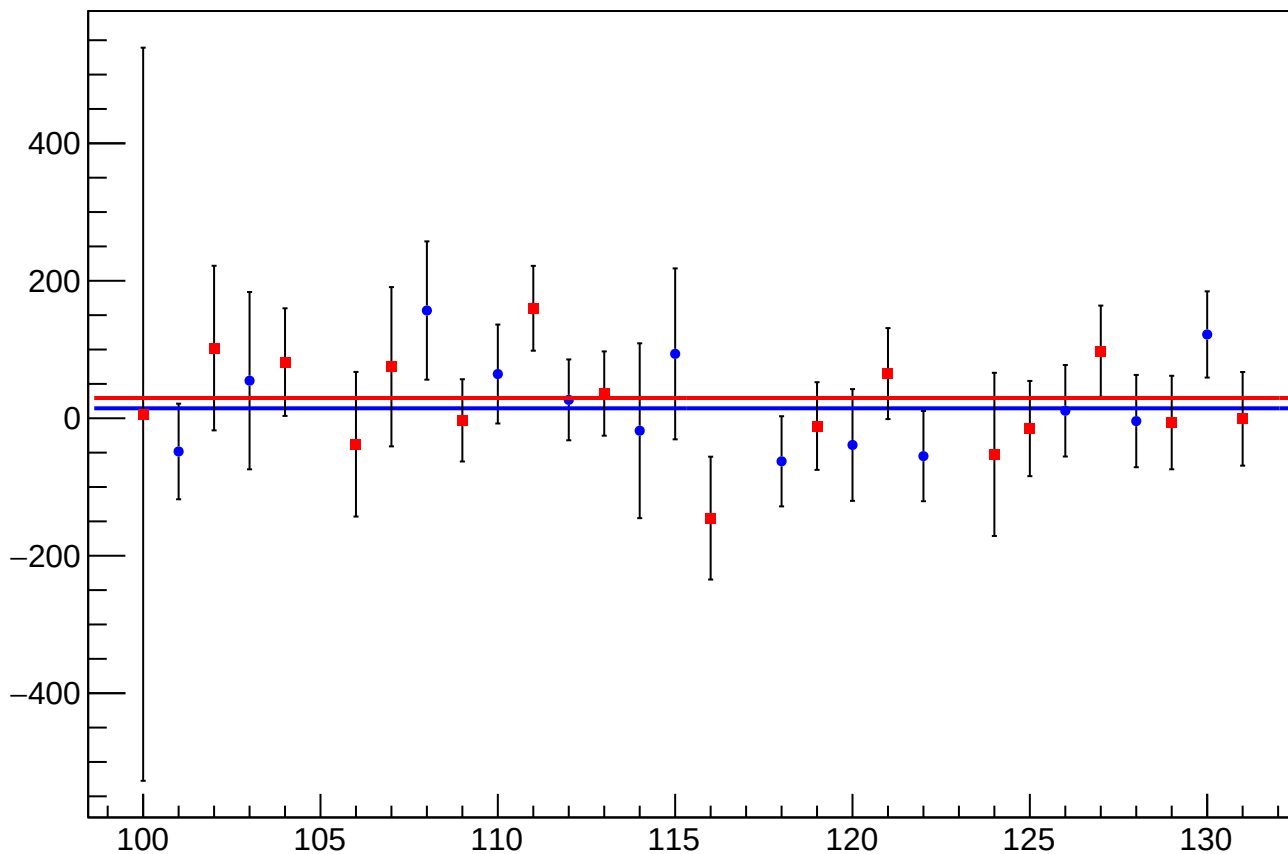
Right: 487.500+/-0.105 χ^2/NDF : 1740620.0/28

In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.500+/-0.105 χ^2/NDF : 1740620.0/28

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.490 $\pm$ 20.890 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.488 $\pm$ 19.081 χ^2 /NDF: 13.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

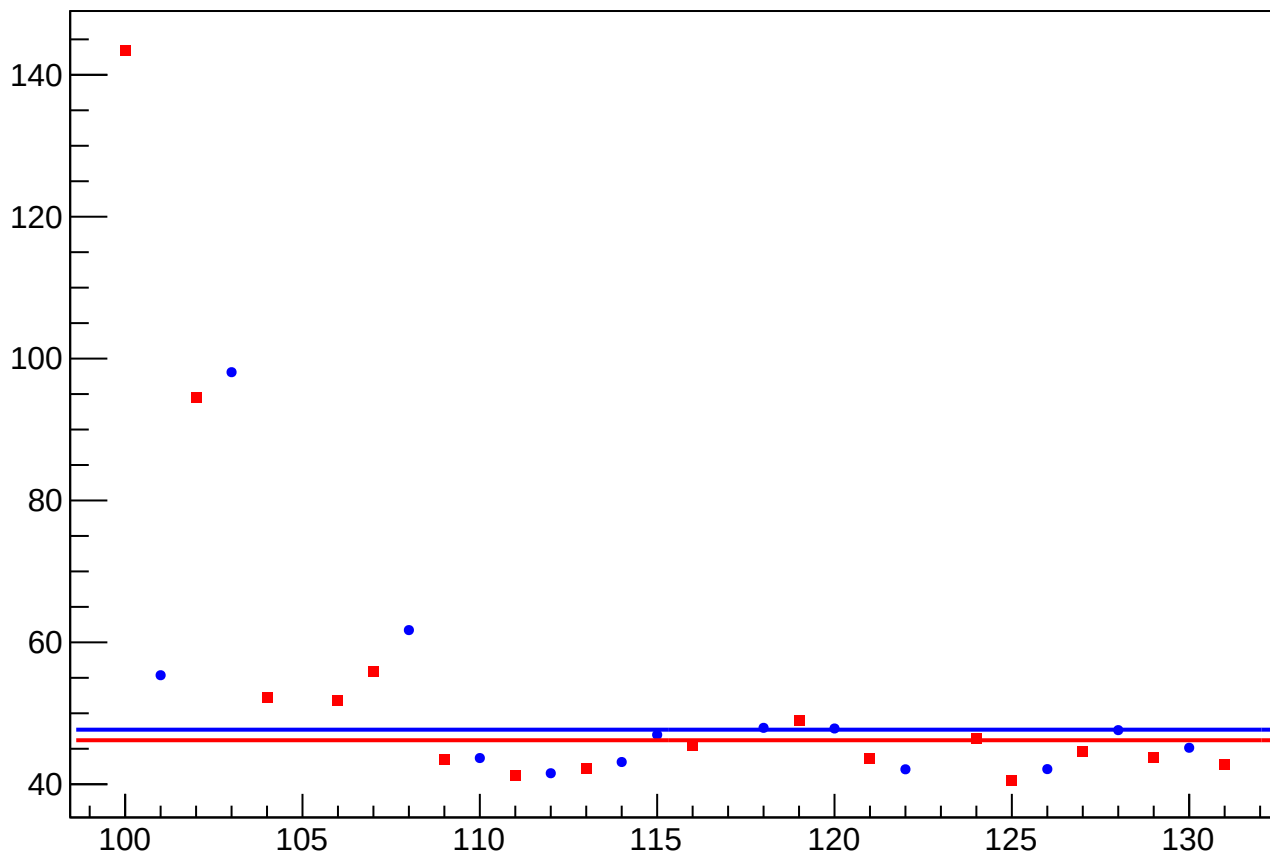
Right: 22.666 $\pm$ 14.089 χ^2 /NDF: 23.2/28

In: 14.490 $\pm$ 20.890 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.666 $\pm$ 14.089 χ^2 /NDF: 23.2/28

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.202+/-0.013 χ^2/NDF : 479376.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

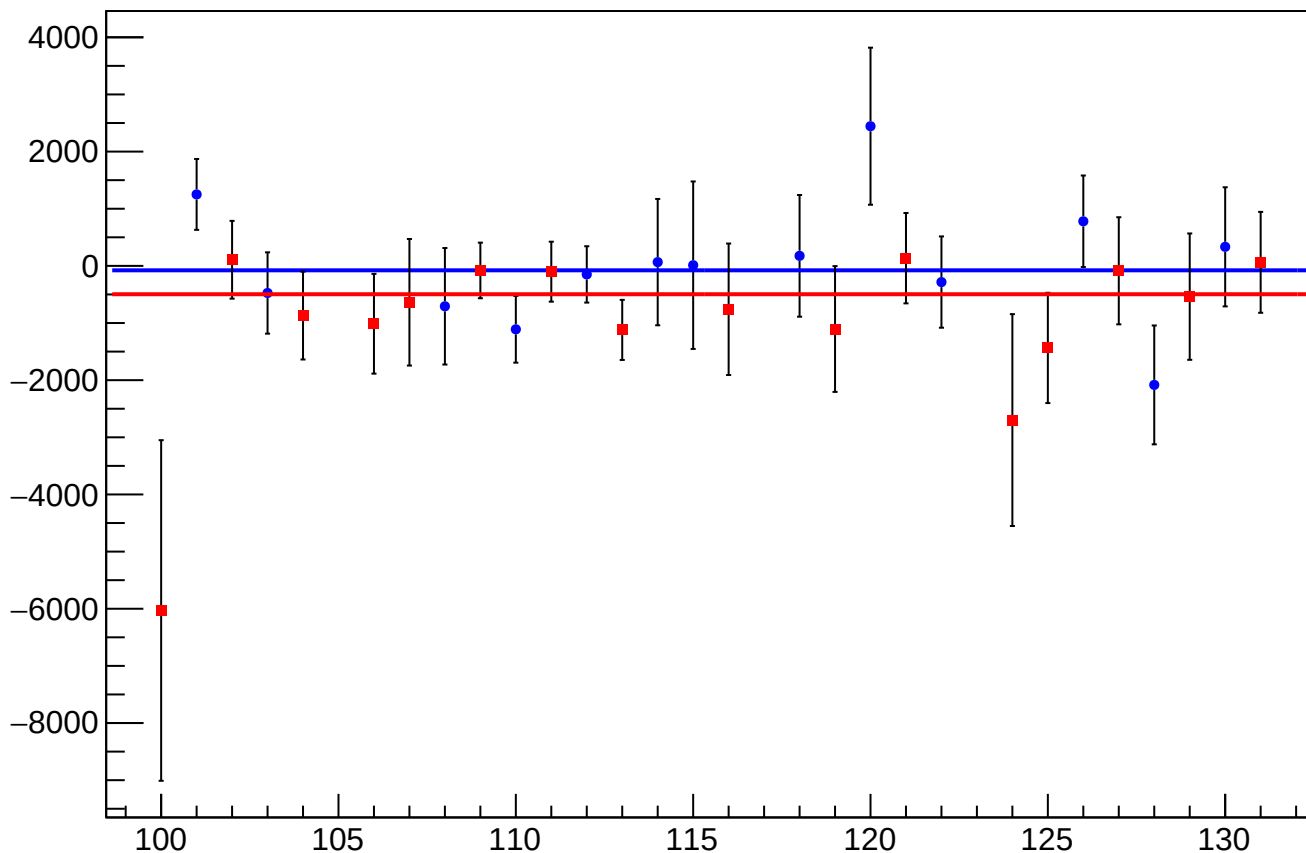
Right: 46.879+/-0.010 χ^2/NDF : 915935.3/28

In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.879+/-0.010 χ^2/NDF : 915935.3/28

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -496.275 ± 198.598 $\chi^2/\text{NDF}: 11.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

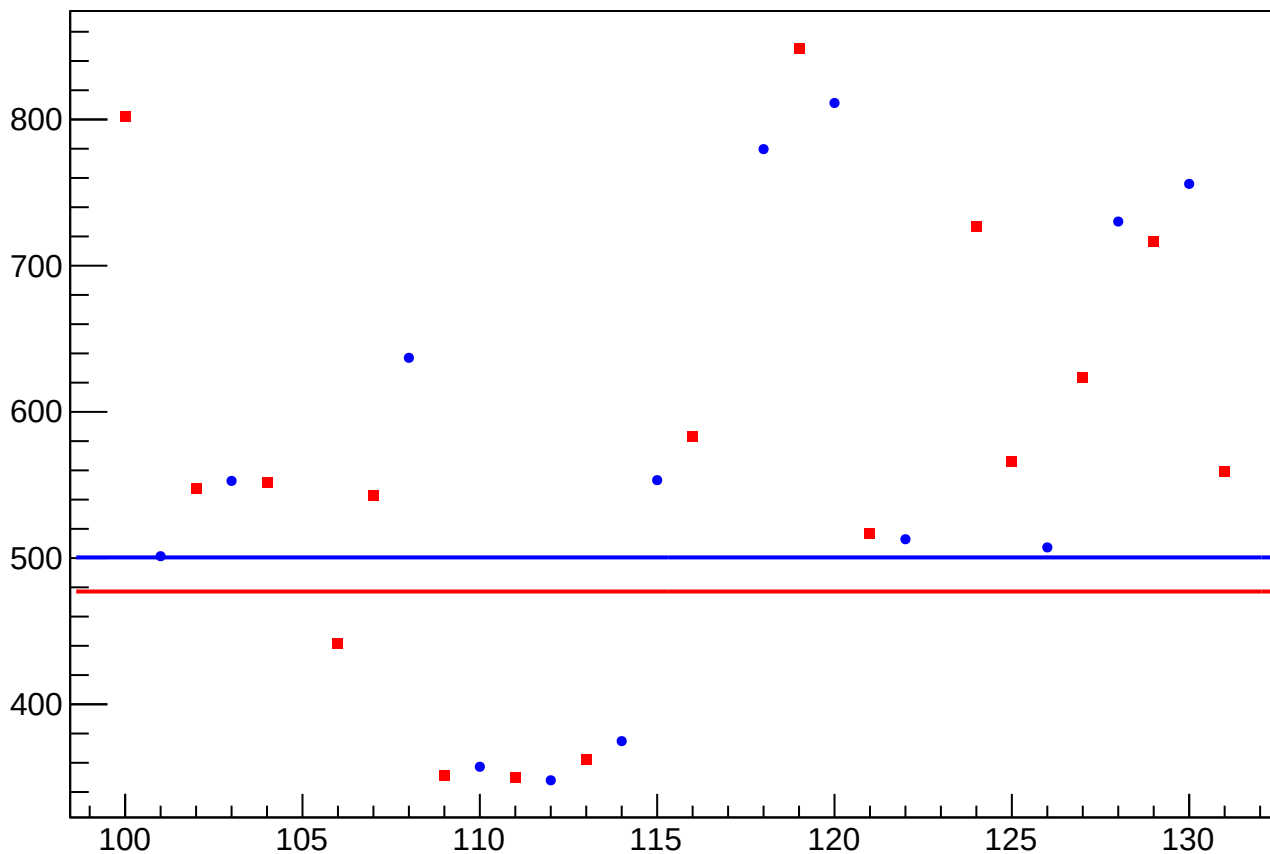
Right: -310.441 ± 148.085 $\chi^2/\text{NDF}: 30.4/28$

In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -310.441 ± 148.085 $\chi^2/\text{NDF}: 30.4/28$

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 477.144+/-0.140 χ^2/NDF : 883690.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

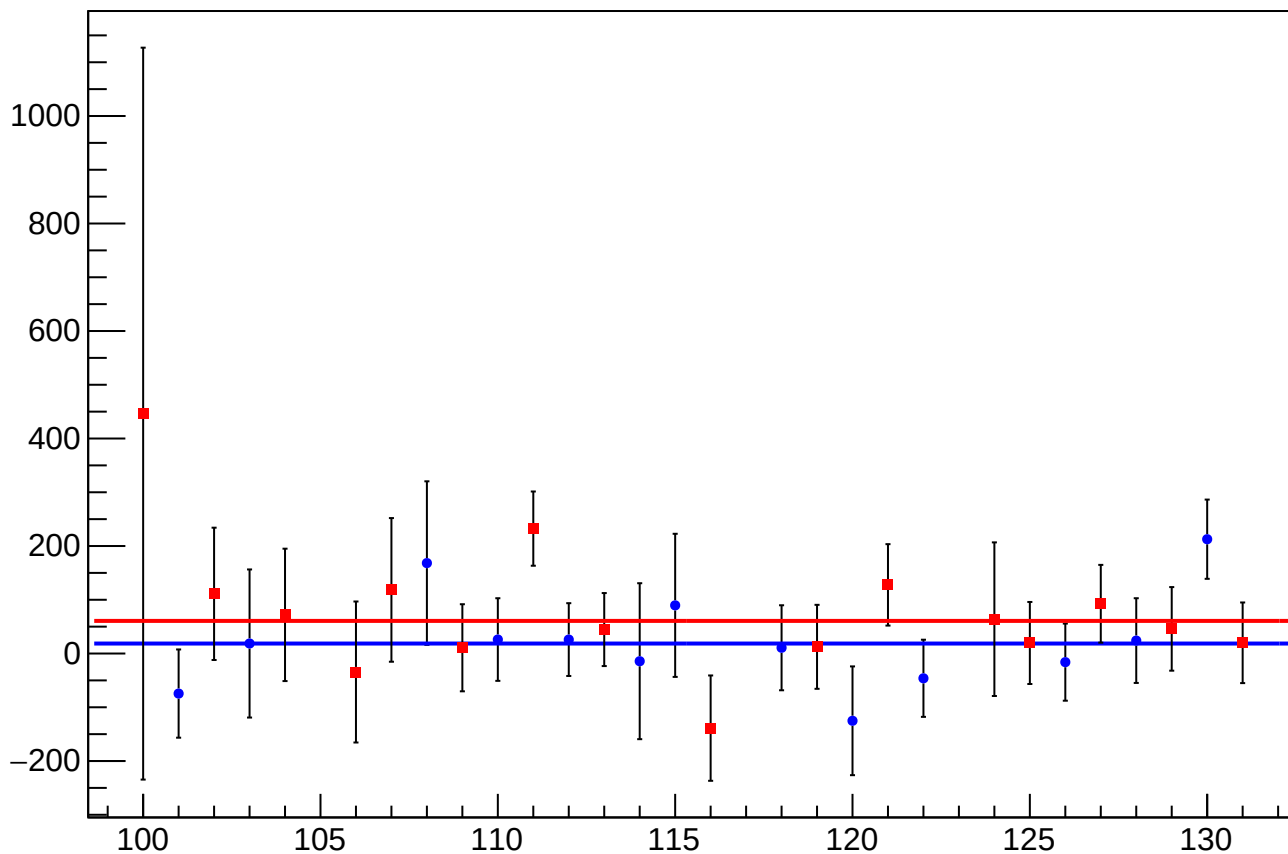
Right: 487.500+/-0.105 χ^2/NDF : 1740620.0/28

In: 500.469+/-0.157 χ^2/NDF :844680.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.500+/-0.105 χ^2/NDF : 1740620.0/28

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 18.573 $\pm$ 24.065 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.686 $\pm$ 22.225 χ^2 /NDF: 14.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

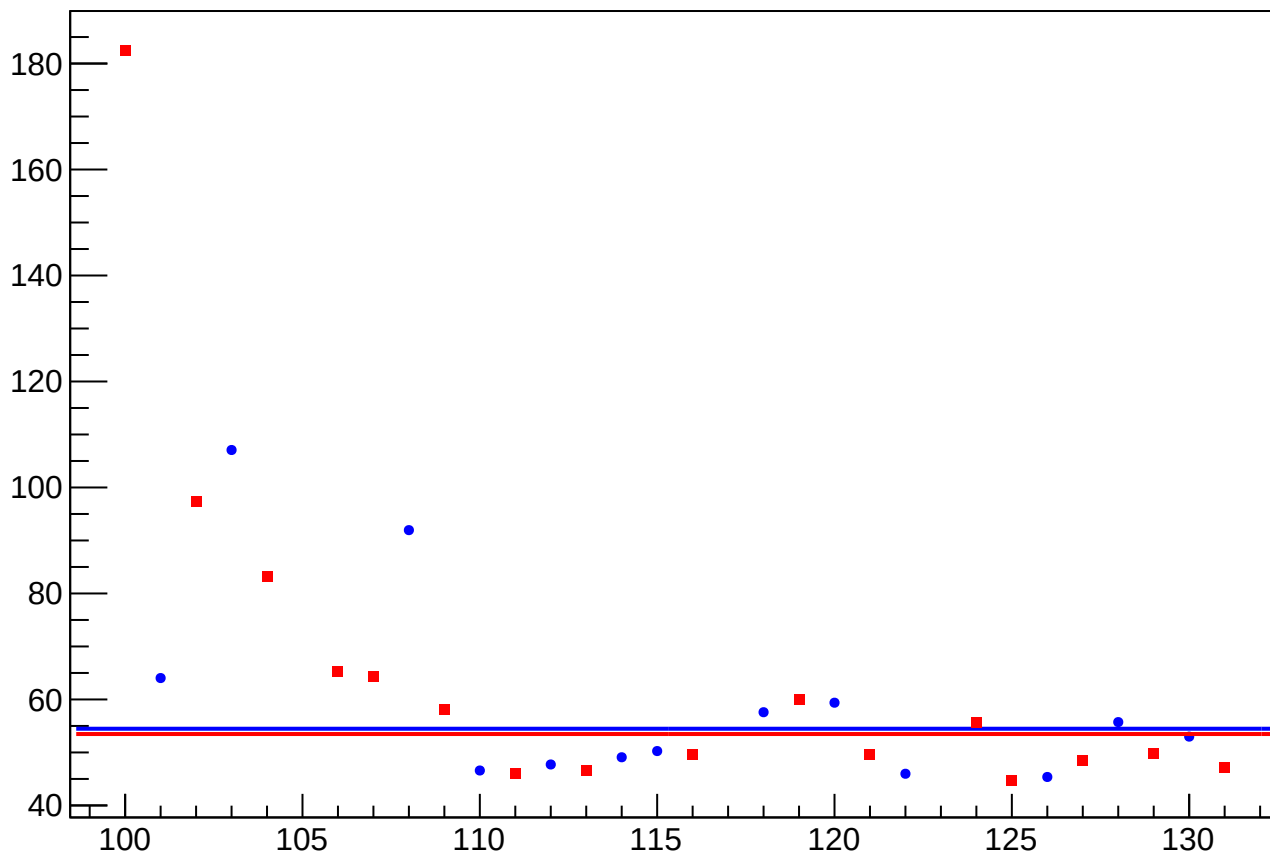
Right: 41.301 $\pm$ 16.327 χ^2 /NDF: 28.2/28

In: 18.573 $\pm$ 24.065 χ^2 /NDF:12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.301 $\pm$ 16.327 χ^2 /NDF: 28.2/28

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.017 χ^2/NDF : 555049.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.475+/-0.016 χ^2/NDF : 599745.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

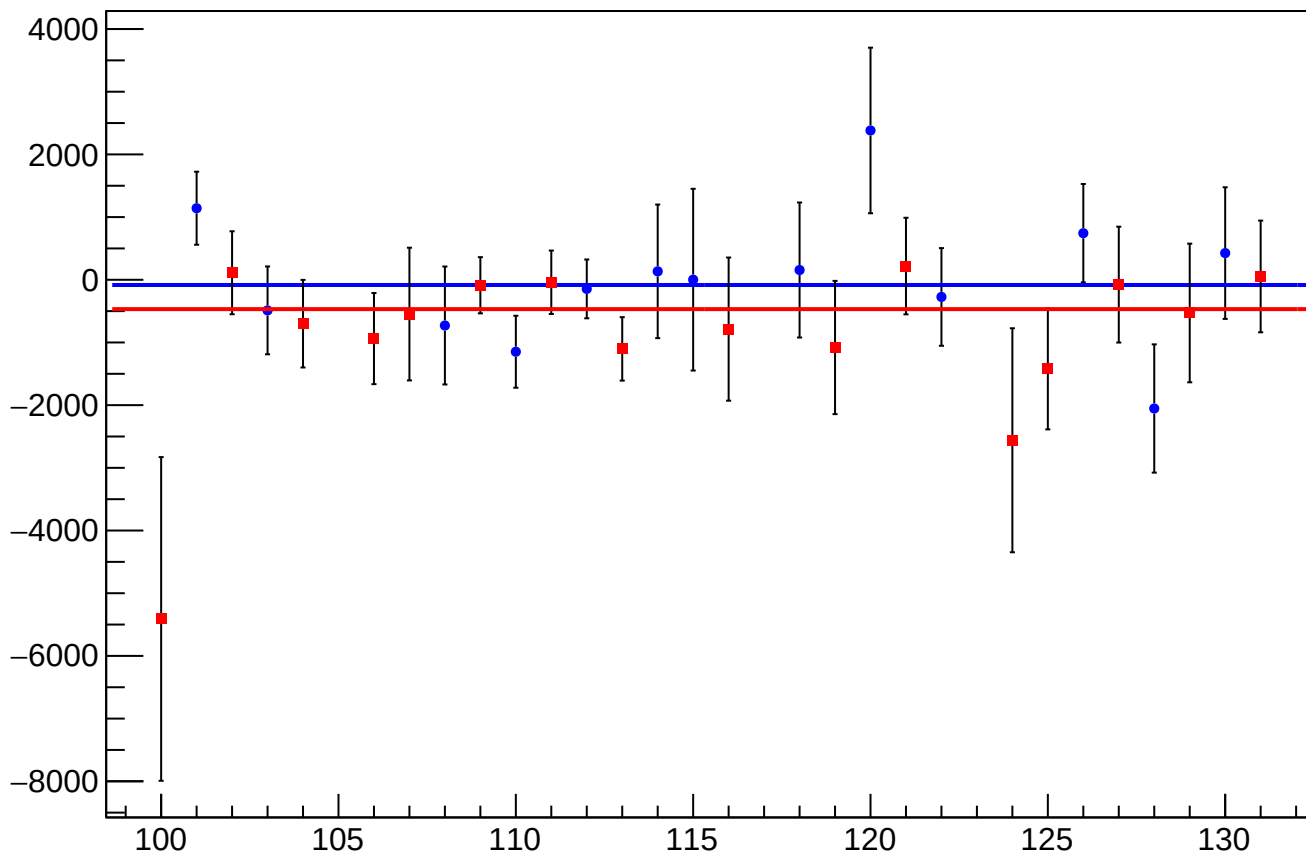
Right: 53.935+/-0.012 χ^2/NDF : 1156654.9/28

In: 54.474+/-0.017 χ^2/NDF : 555049.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.935+/-0.012 χ^2/NDF : 1156654.9/28

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -83.199 ± 215.059 $\chi^2/\text{NDF}: 17.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -468.191 ± 188.872 $\chi^2/\text{NDF}: 12.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

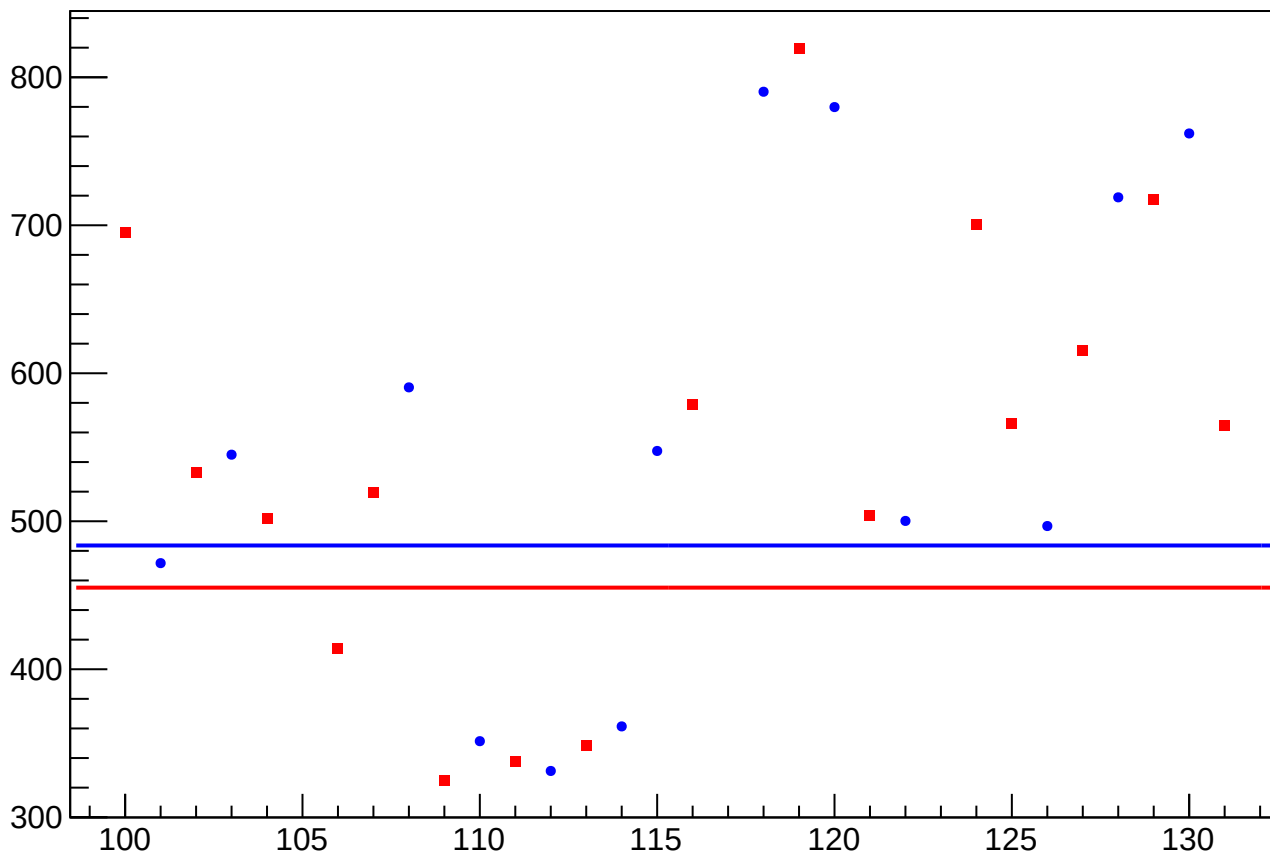
Right: -300.549 ± 141.913 $\chi^2/\text{NDF}: 31.2/28$

In: -83.199 ± 215.059 $\chi^2/\text{NDF}: 17.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -300.549 ± 141.913 $\chi^2/\text{NDF}: 31.2/28$

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 483.627+/-0.152 χ^2/NDF : 899914.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.149+/-0.134 χ^2/NDF : 965939.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

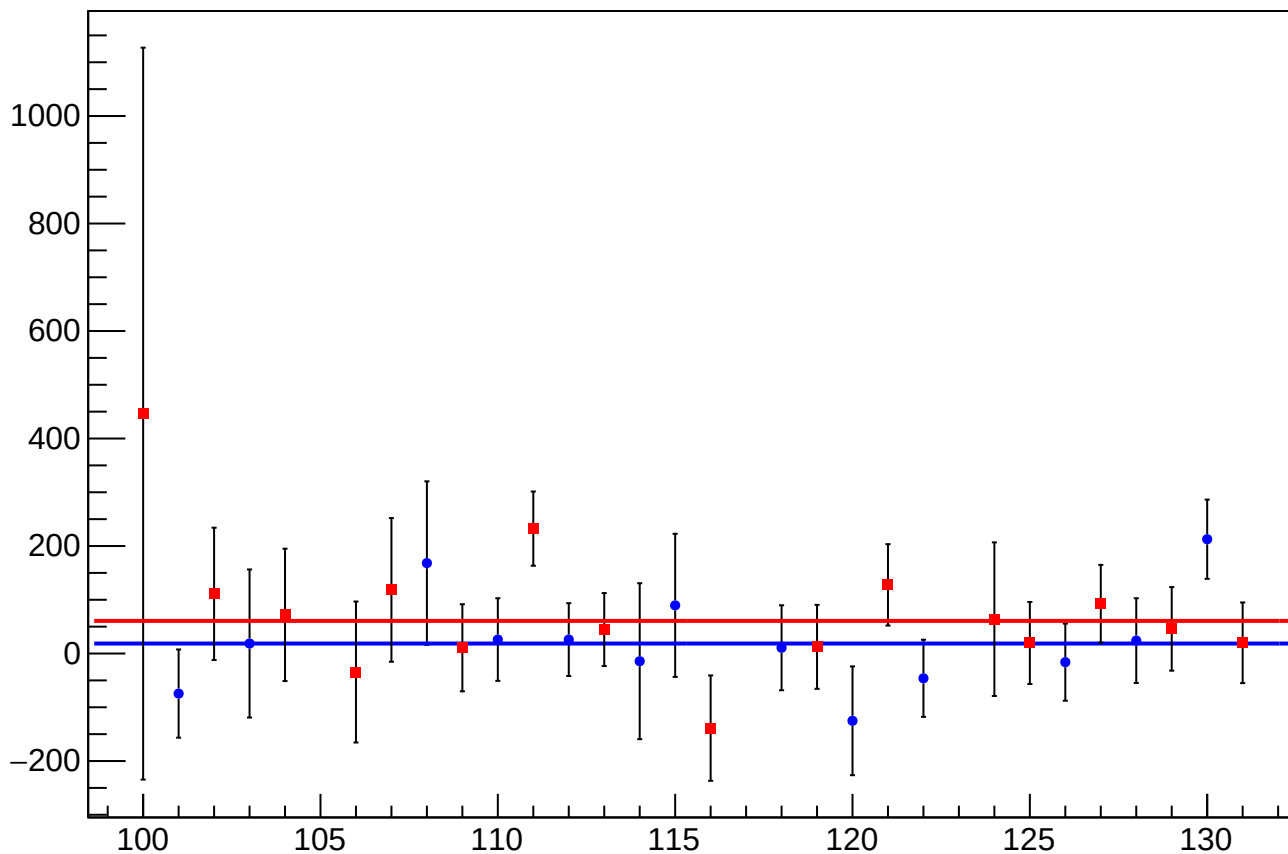
Right: 467.549+/-0.100 χ^2/NDF : 1885653.1/28

In: 483.627+/-0.152 χ^2/NDF : 899914.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.549+/-0.100 χ^2/NDF : 1885653.1/28

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 18.574 $\pm$ 24.065 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.687 $\pm$ 22.225 χ^2 /NDF: 14.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

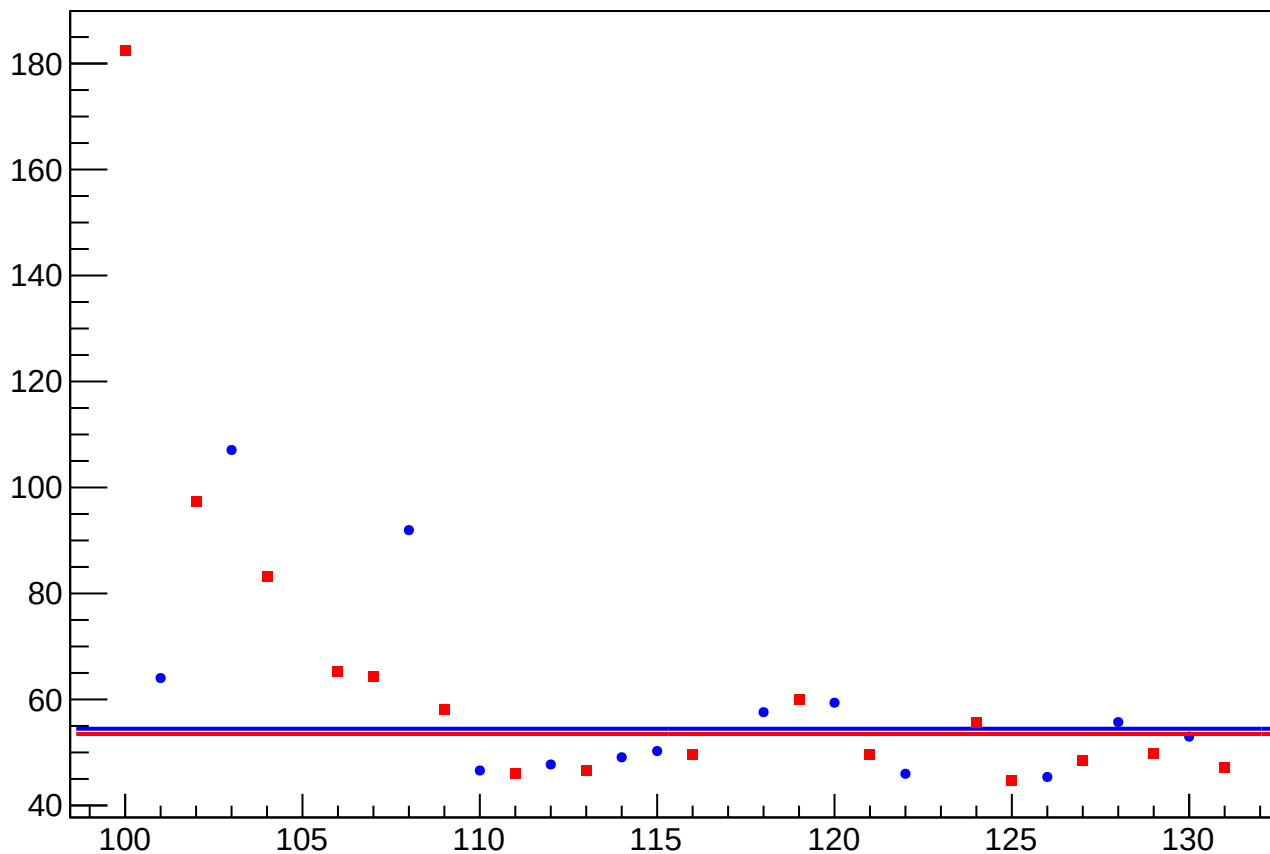
Right: 41.302 $\pm$ 16.327 χ^2 /NDF: 28.2/28

In: 18.574 $\pm$ 24.065 χ^2 /NDF:12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.302 $\pm$ 16.327 χ^2 /NDF: 28.2/28

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.017 χ^2/NDF : 555042.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.475+/-0.016 χ^2/NDF : 599744.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

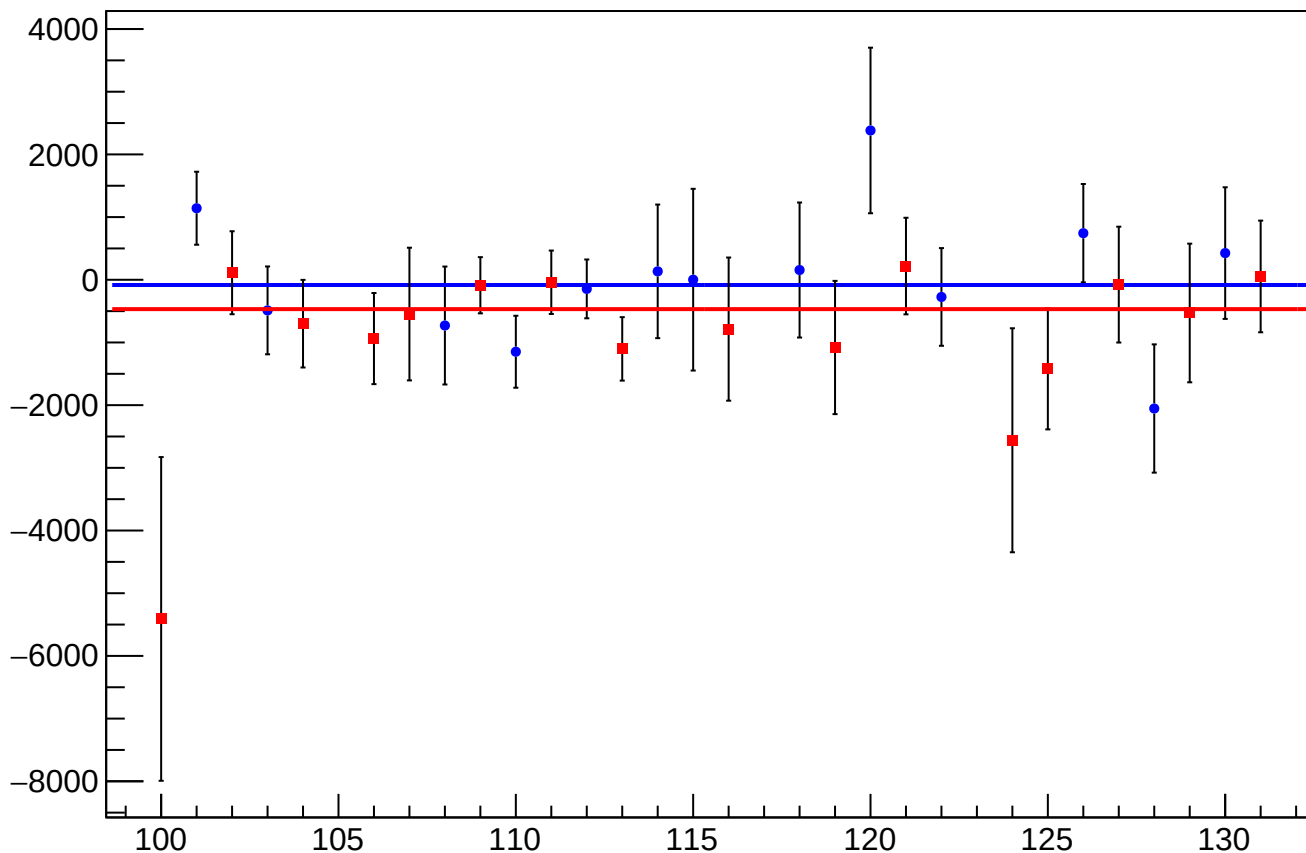
Right: 53.935+/-0.012 χ^2/NDF : 1156646.5/28

In: 54.474+/-0.017 χ^2/NDF : 555042.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.935+/-0.012 χ^2/NDF : 1156646.5/28

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -83.199+/-215.058 χ^2/NDF : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -468.190+/-188.871 χ^2/NDF : 12.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

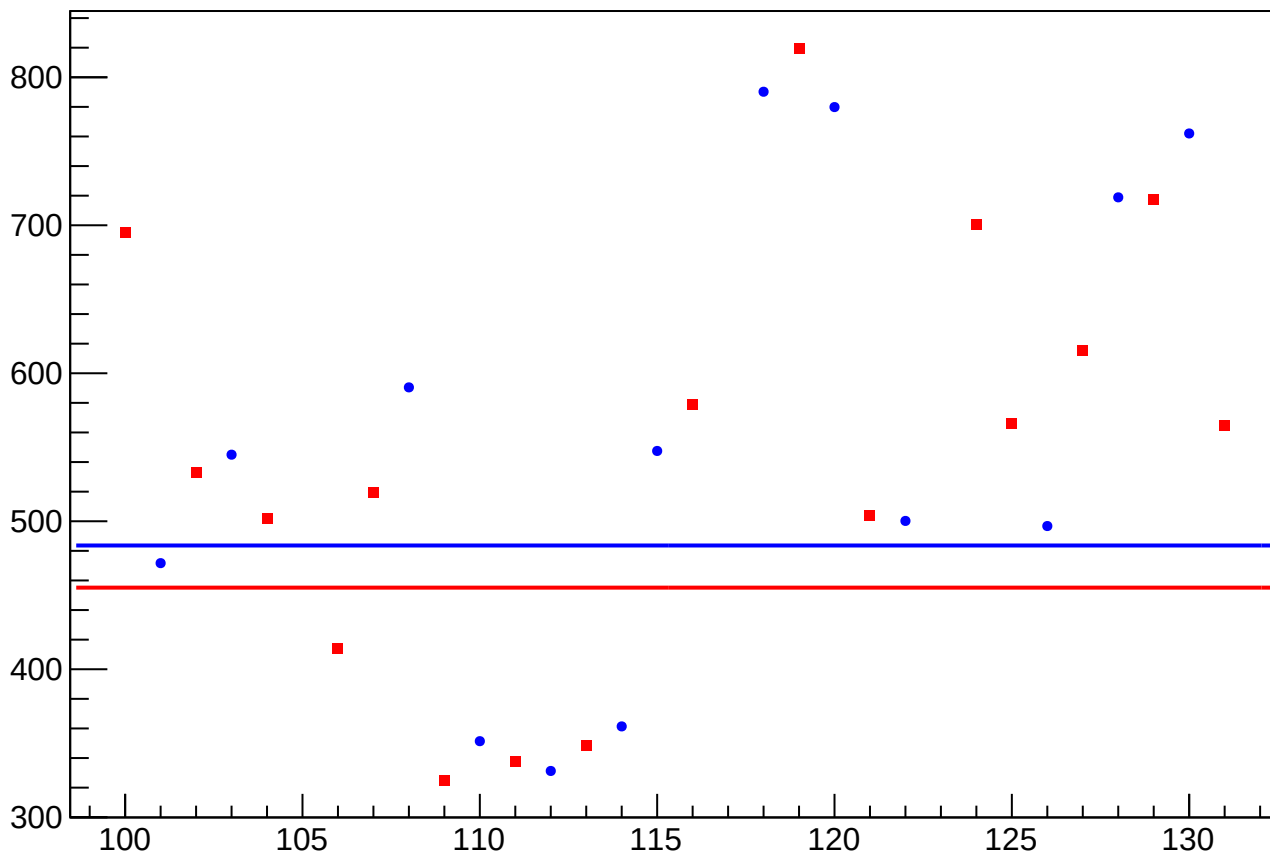
Right: -300.549+/-141.912 χ^2/NDF : 31.2/28

In: -83.199+/-215.058 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.549+/-141.912 χ^2/NDF : 31.2/28

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 483.626+/-0.152 χ^2/NDF : 899917.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.148+/-0.134 χ^2/NDF : 965937.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

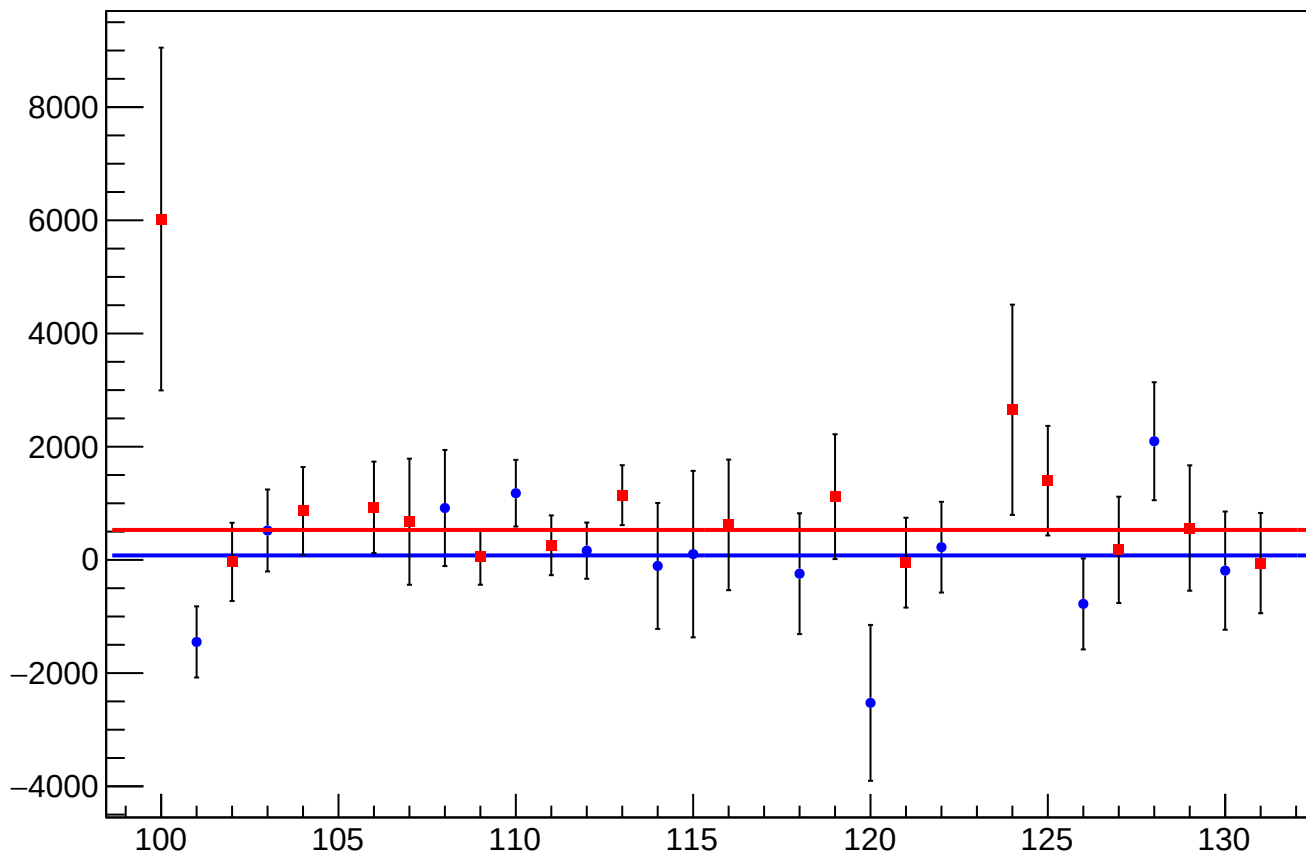
Right: 467.548+/-0.100 χ^2/NDF : 1885653.9/28

In: 483.626+/-0.152 χ^2/NDF : 899917.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.548+/-0.100 χ^2/NDF : 1885653.9/28

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 79.038+/-223.907 χ^2/NDF : 19.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.590+/-199.028 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

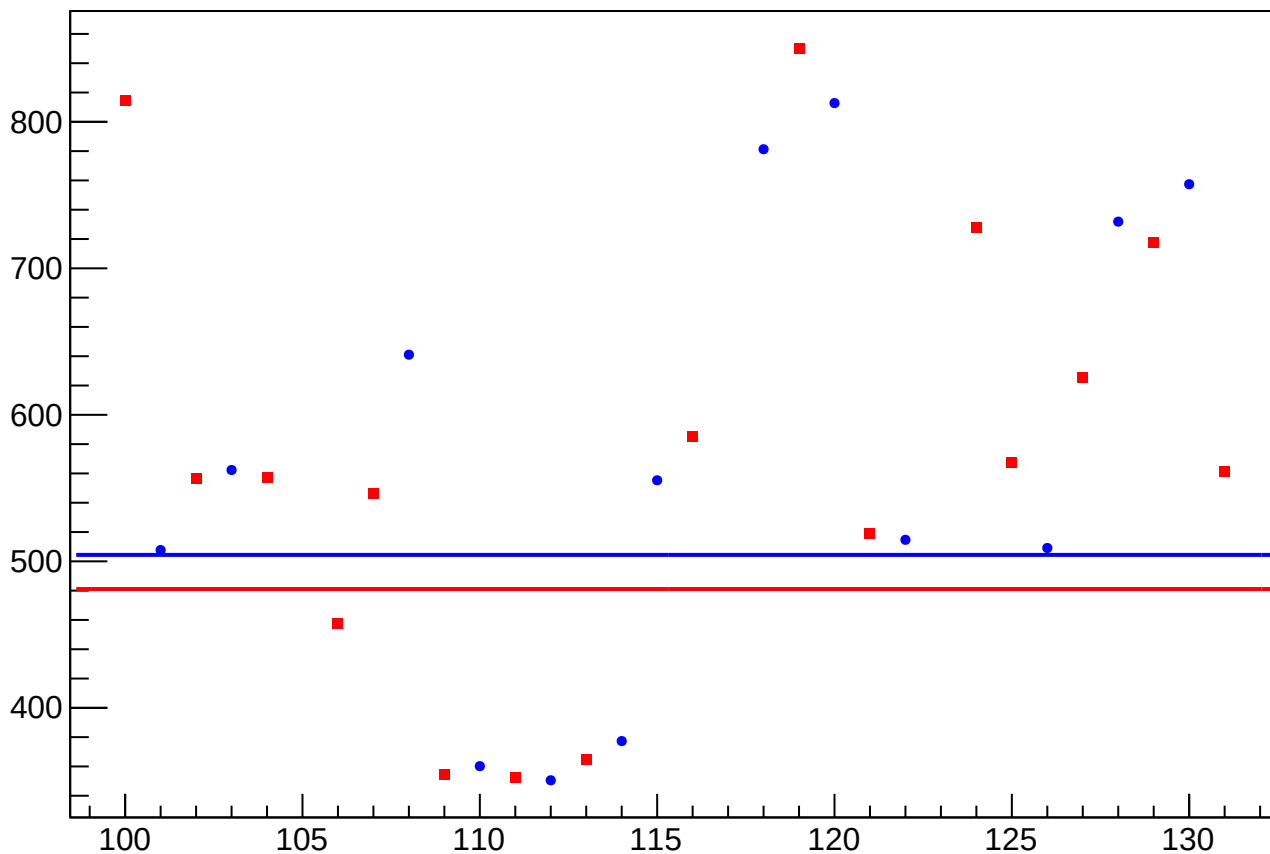
Right: 330.726+/-148.756 χ^2/NDF : 31.9/28

In: 79.038+/-223.907 χ^2/NDF : 19.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.726+/-148.756 χ^2/NDF : 31.9/28

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 504.403+/-0.158 χ^2/NDF : 836768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 481.097+/-0.141 χ^2/NDF : 874055.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

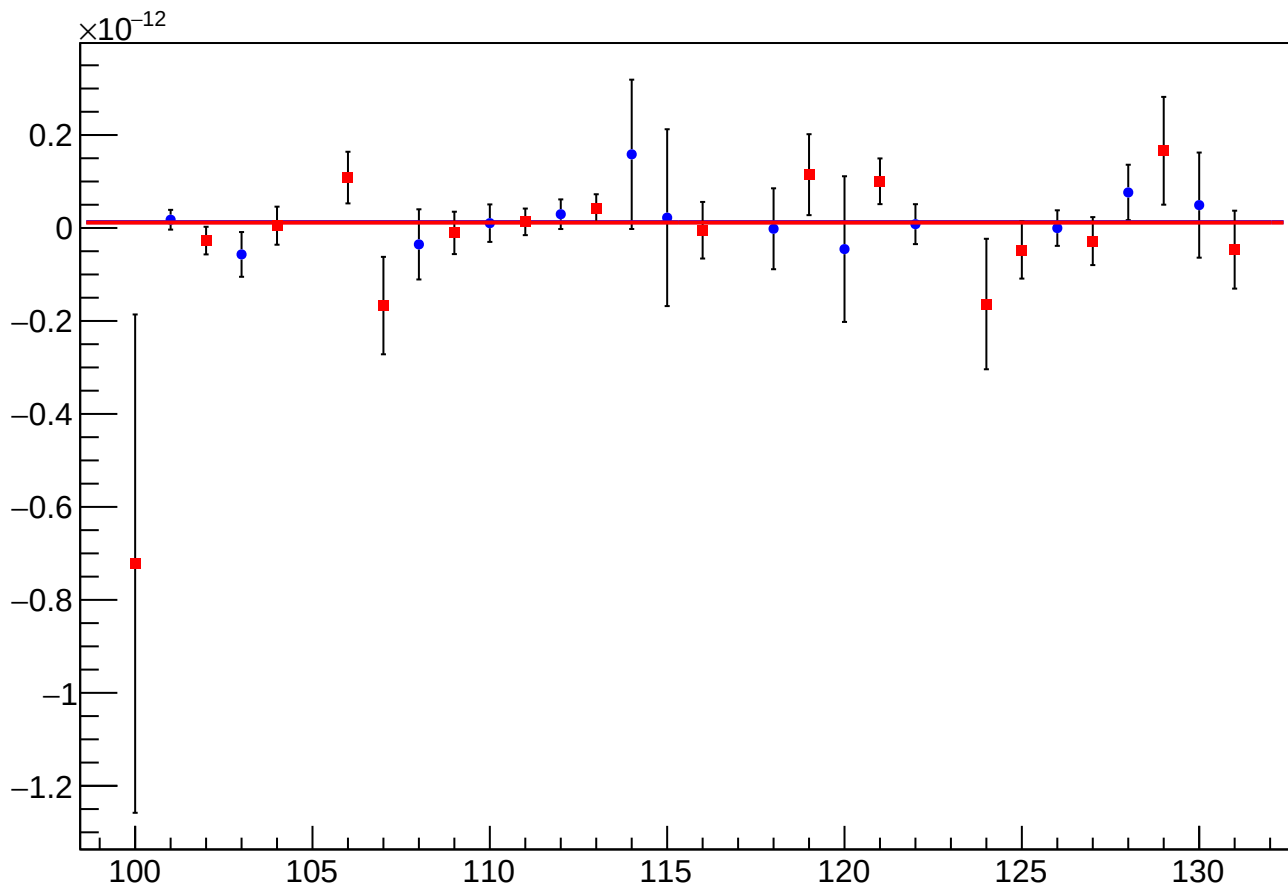
Right: 491.384+/-0.105 χ^2/NDF : 1722927.5/28

In: 504.403+/-0.158 χ^2/NDF : 836768.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.384+/-0.105 χ^2/NDF : 1722927.5/28

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

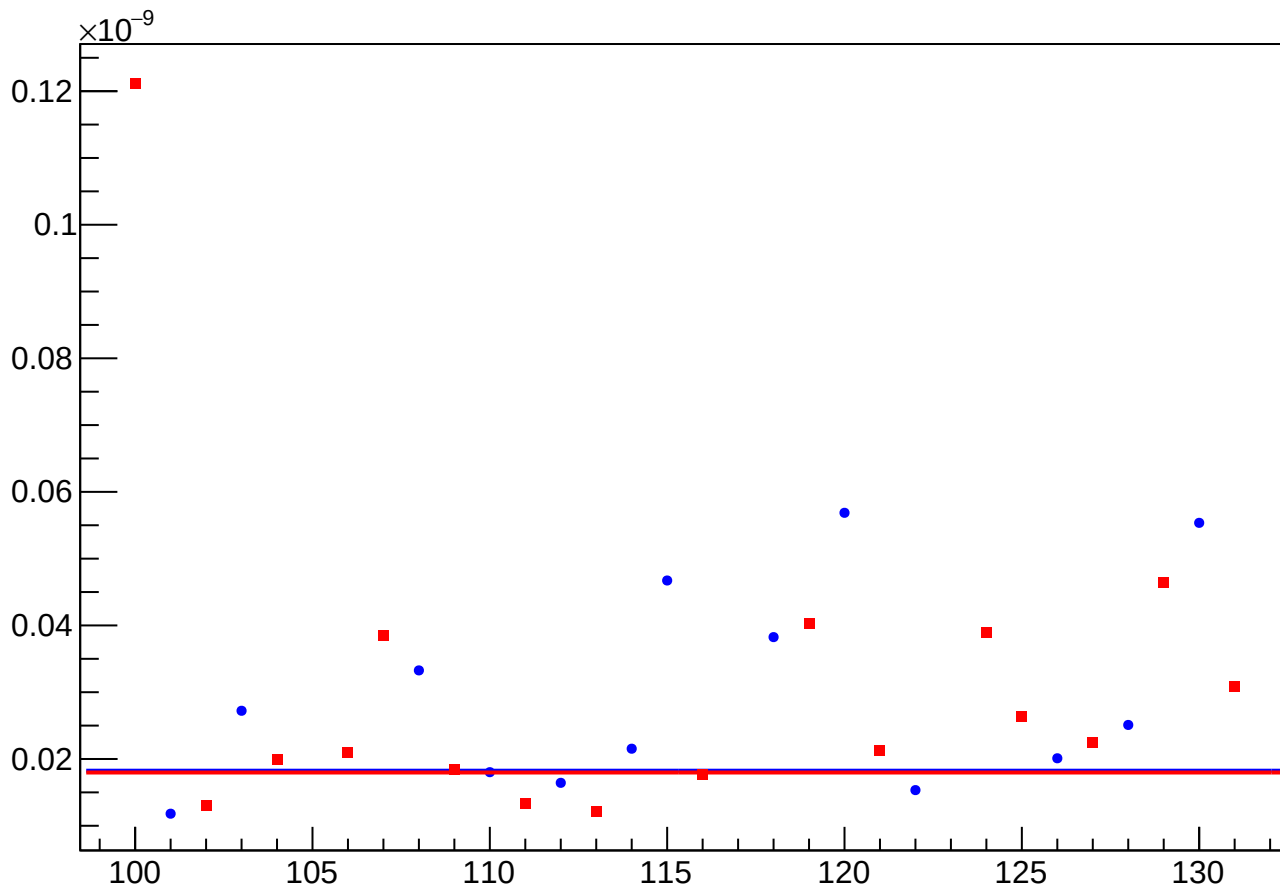
Right: 0.000+/-0.000 χ^2/NDF : 26.1/28

In: 0.000+/-0.000 χ^2/NDF : 5.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/28

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 867460.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 746740.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

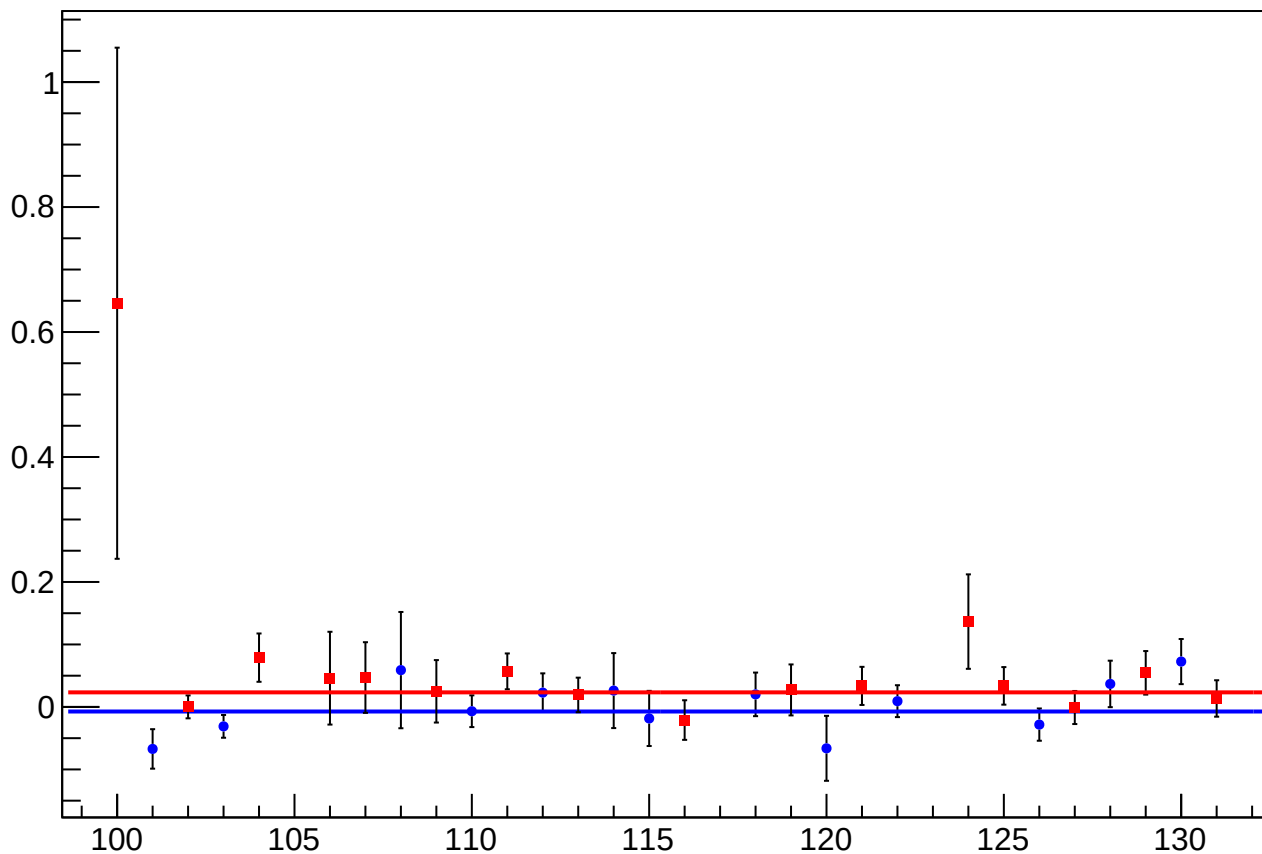
Right: 0.000+/-0.000 χ^2/NDF : 1614668.3/28

In: 0.000+/-0.000 χ^2/NDF : 867460.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1614668.3/28

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.008 χ^2/NDF : 13.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

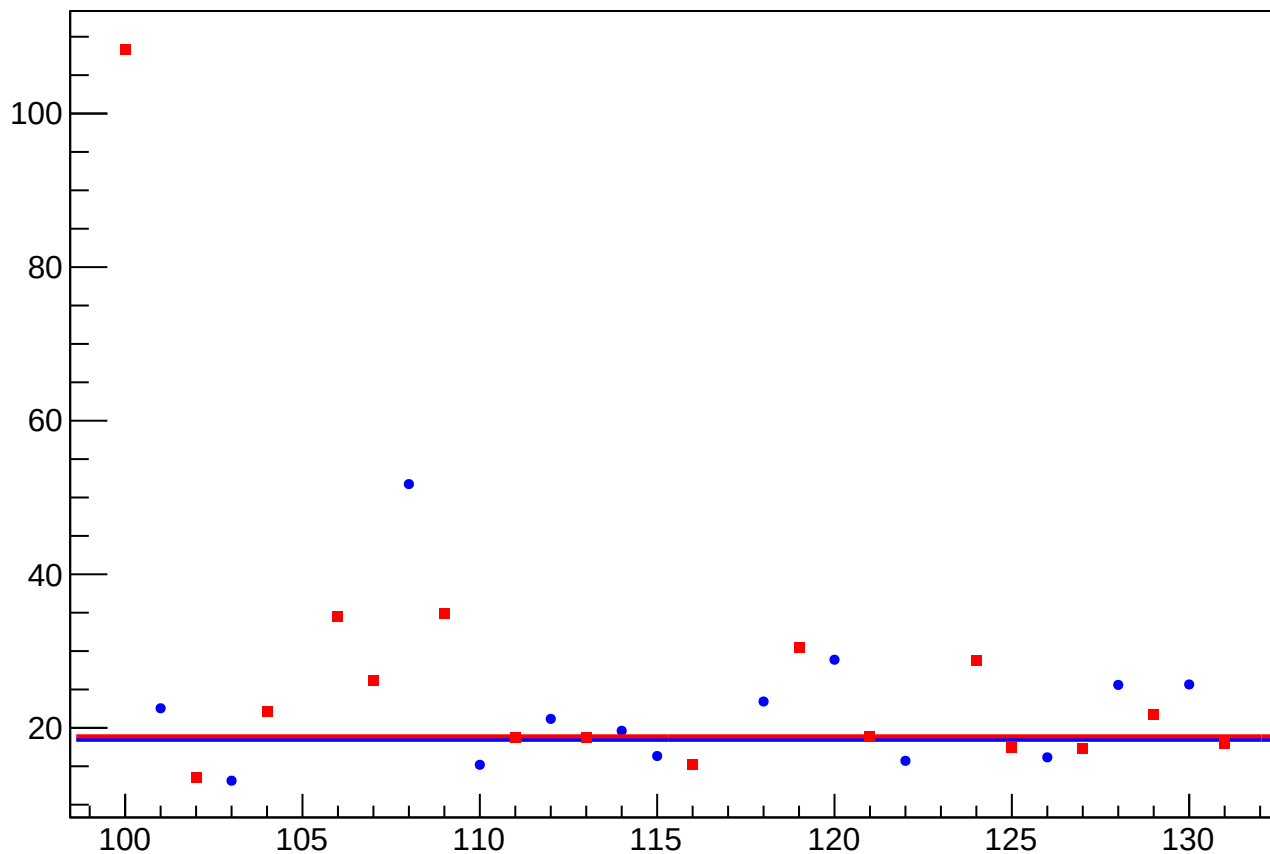
Right: 0.009 ± 0.006 χ^2/NDF : 36.8/28

In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.006 χ^2/NDF : 36.8/28

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.906+/-0.006 χ^2/NDF : 849775.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

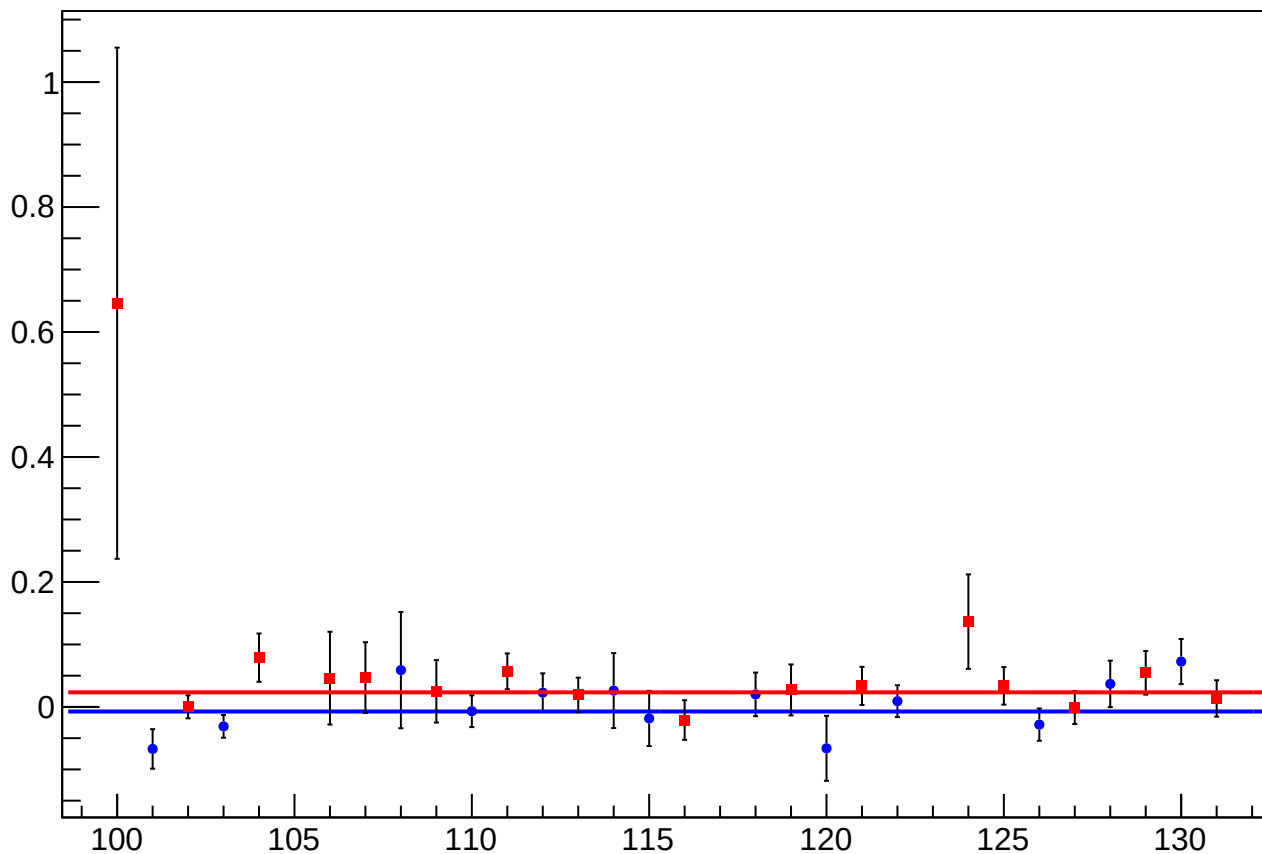
Right: 18.687+/-0.004 χ^2/NDF : 1680879.8/28

In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.687+/-0.004 χ^2/NDF : 1680879.8/28

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.008 χ^2/NDF : 13.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

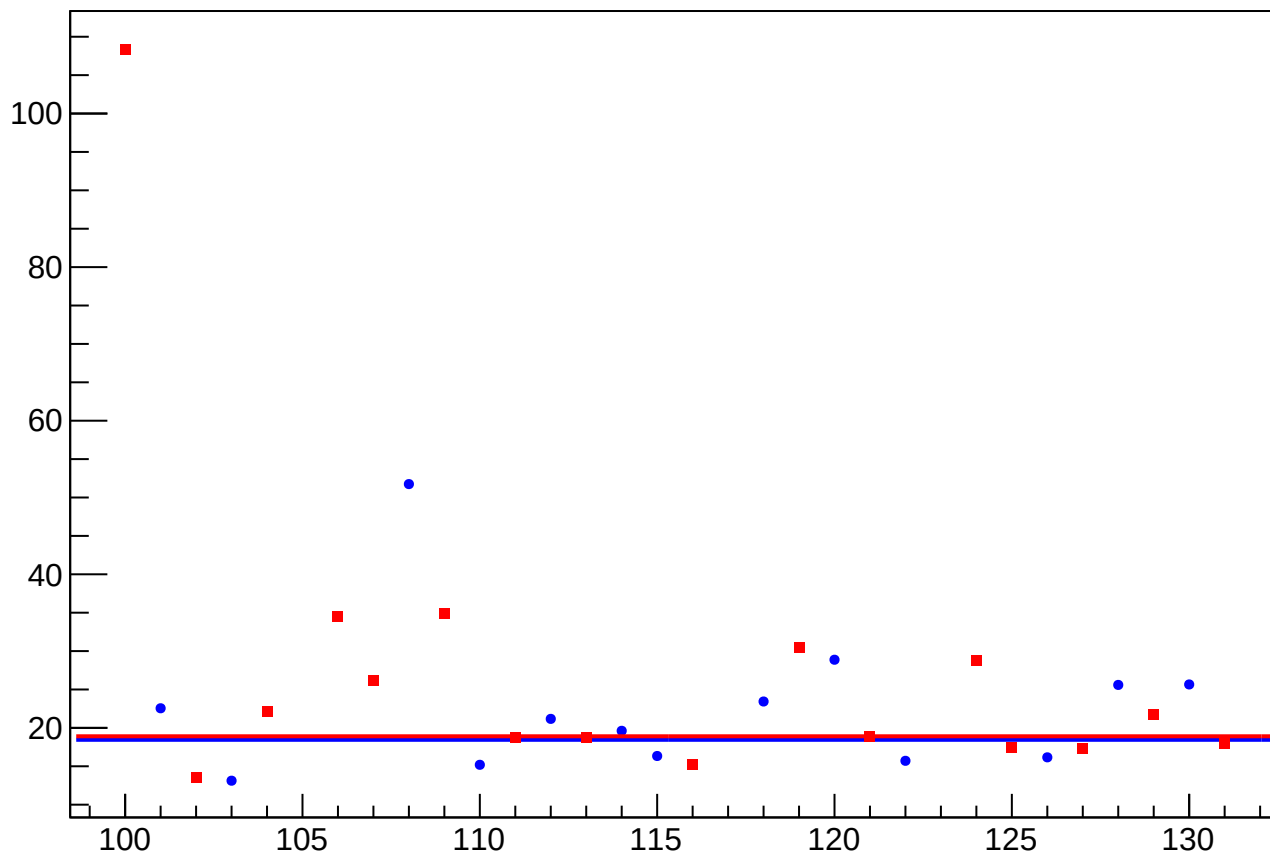
Right: 0.009 ± 0.006 χ^2/NDF : 36.8/28

In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.006 χ^2/NDF : 36.8/28

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.906+/-0.006 χ^2/NDF : 849775.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

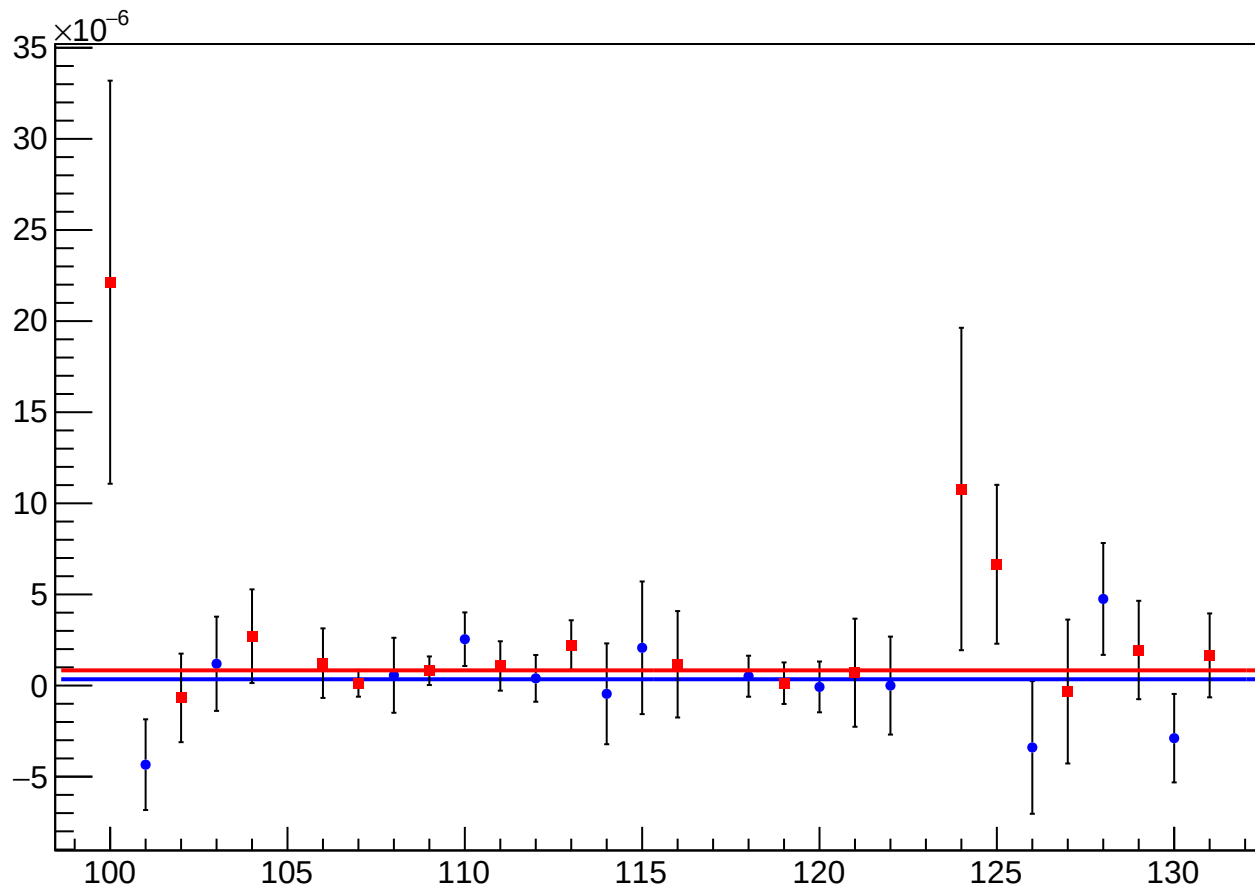
Right: 18.687+/-0.004 χ^2/NDF : 1680879.8/28

In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.687+/-0.004 χ^2/NDF : 1680879.8/28

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

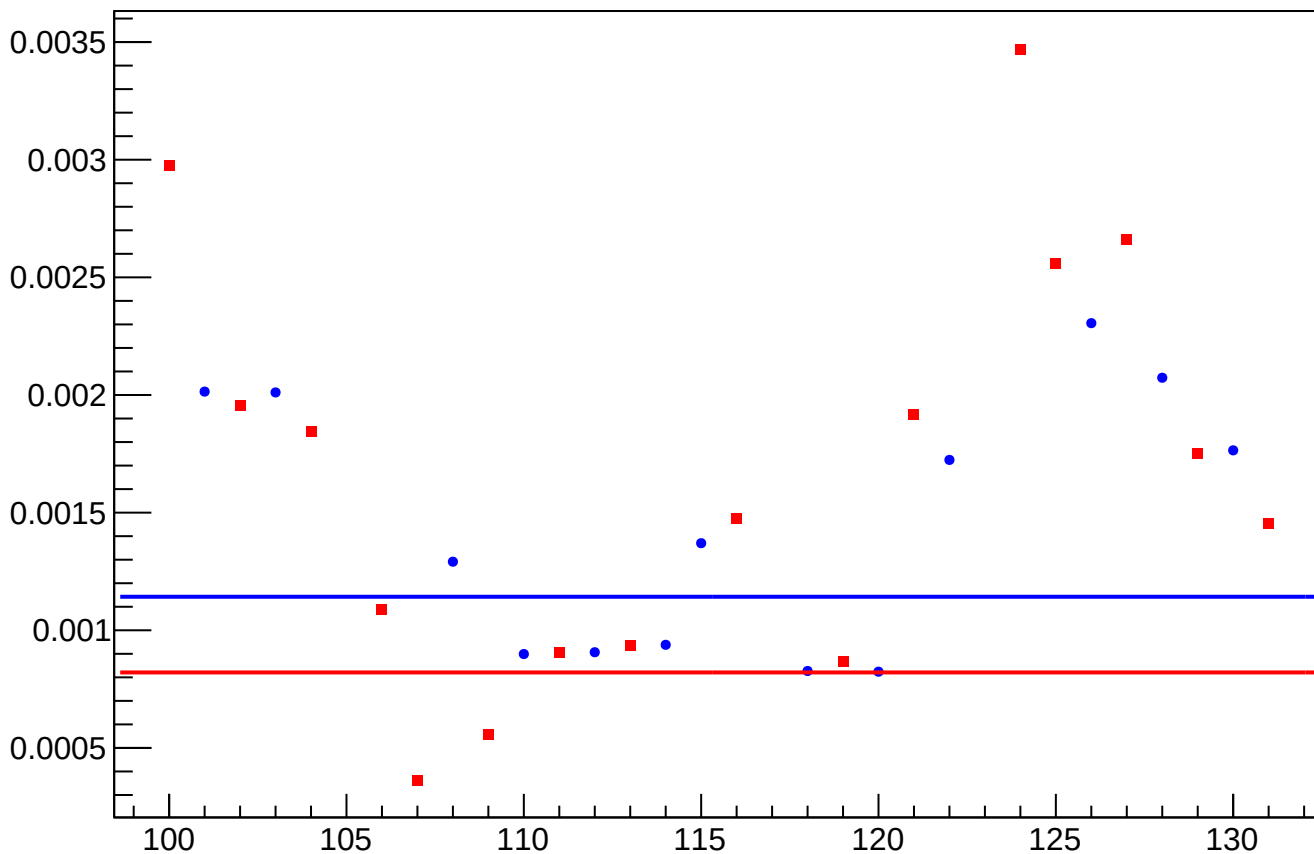
Right: 0.000+/-0.000 χ^2/NDF : 22.3/28

In: 0.000+/-0.000 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.3/28

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1497593.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3595666.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

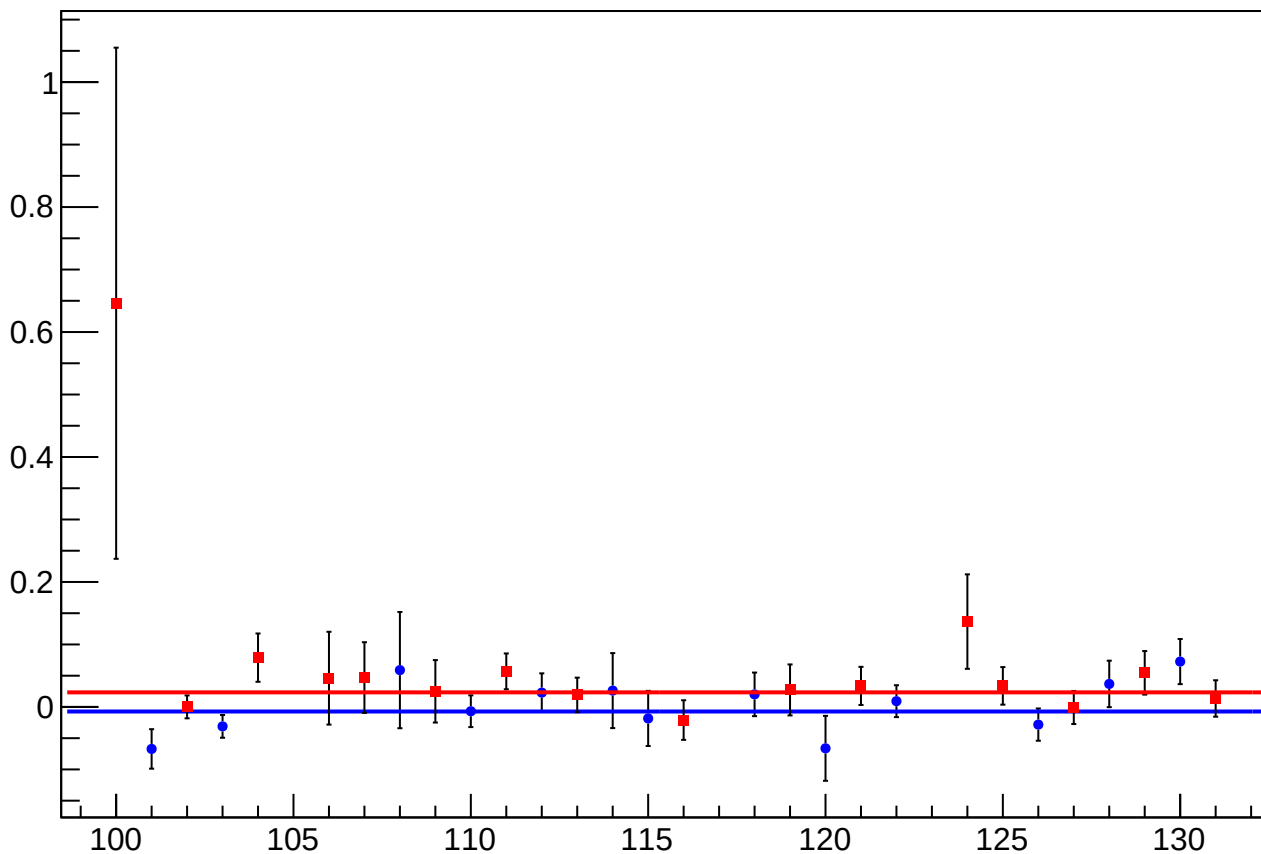
Right: 0.001+/-0.000 χ^2/NDF : 5577336.0/28

In: 0.001+/-0.000 χ^2/NDF : 1497593.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5577336.0/28

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.009 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.023+/-0.008 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

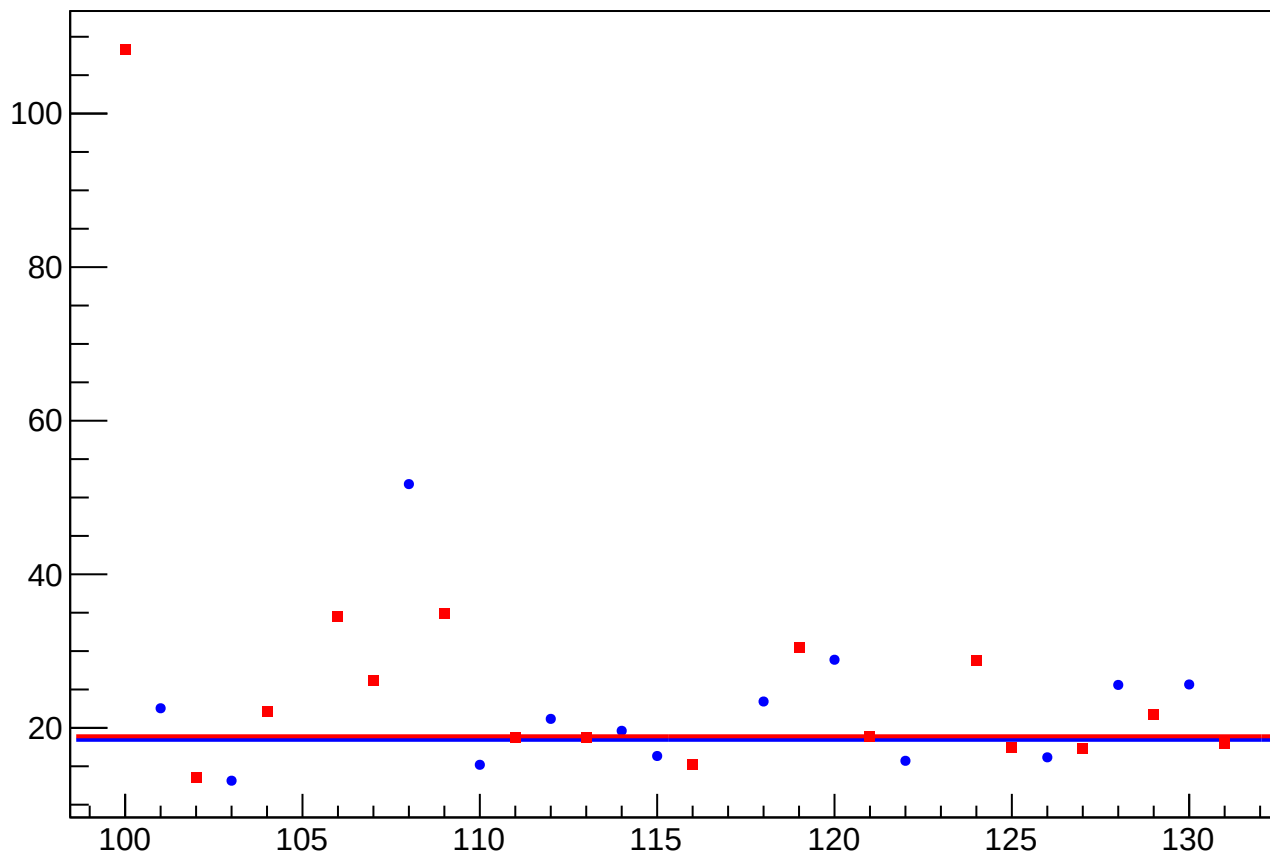
Right: 0.009+/-0.006 χ^2/NDF : 36.8/28

In: -0.007+/-0.009 χ^2/NDF :16.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.006 χ^2/NDF : 36.8/28

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.907+/-0.006 χ^2/NDF : 849642.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

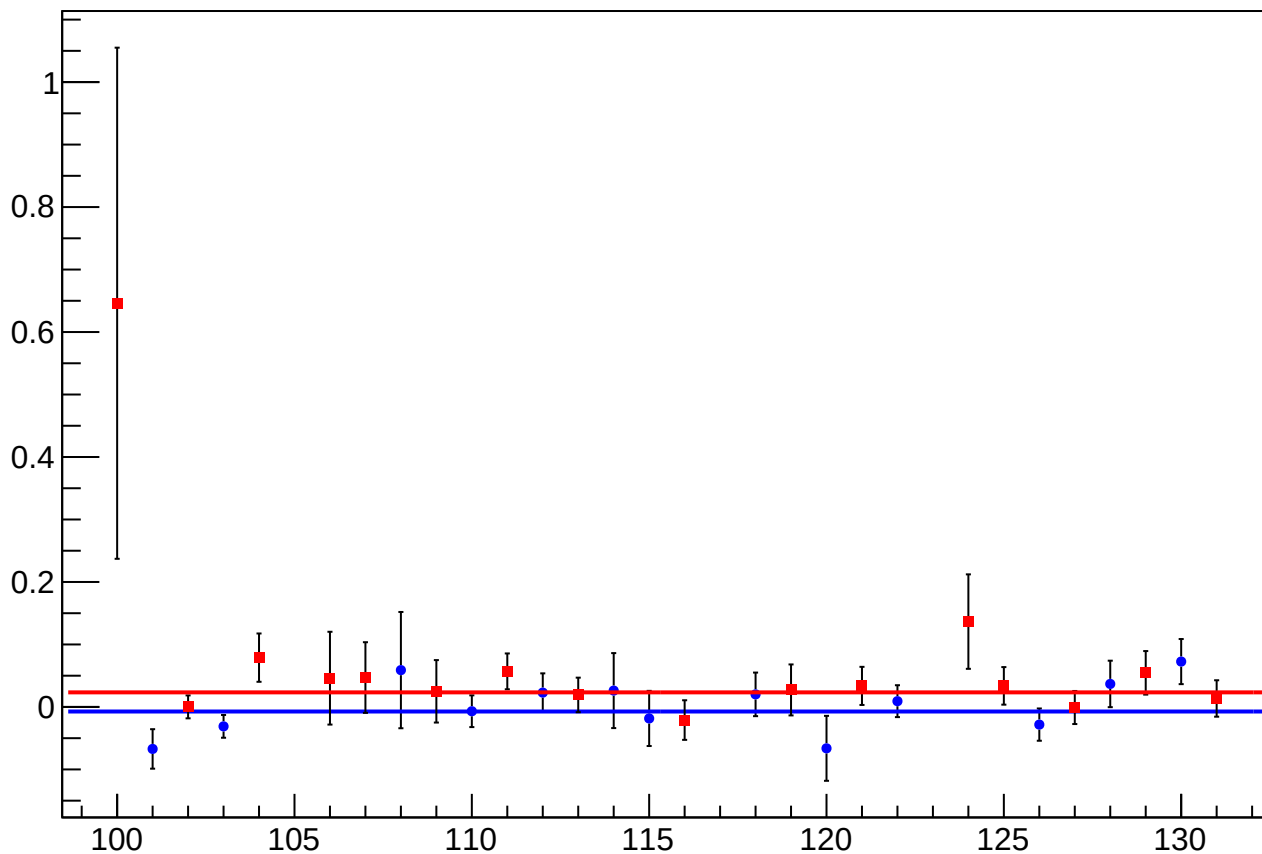
Right: 18.688+/-0.004 χ^2/NDF : 1680623.7/28

In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.688+/-0.004 χ^2/NDF : 1680623.7/28

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.009 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.008 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

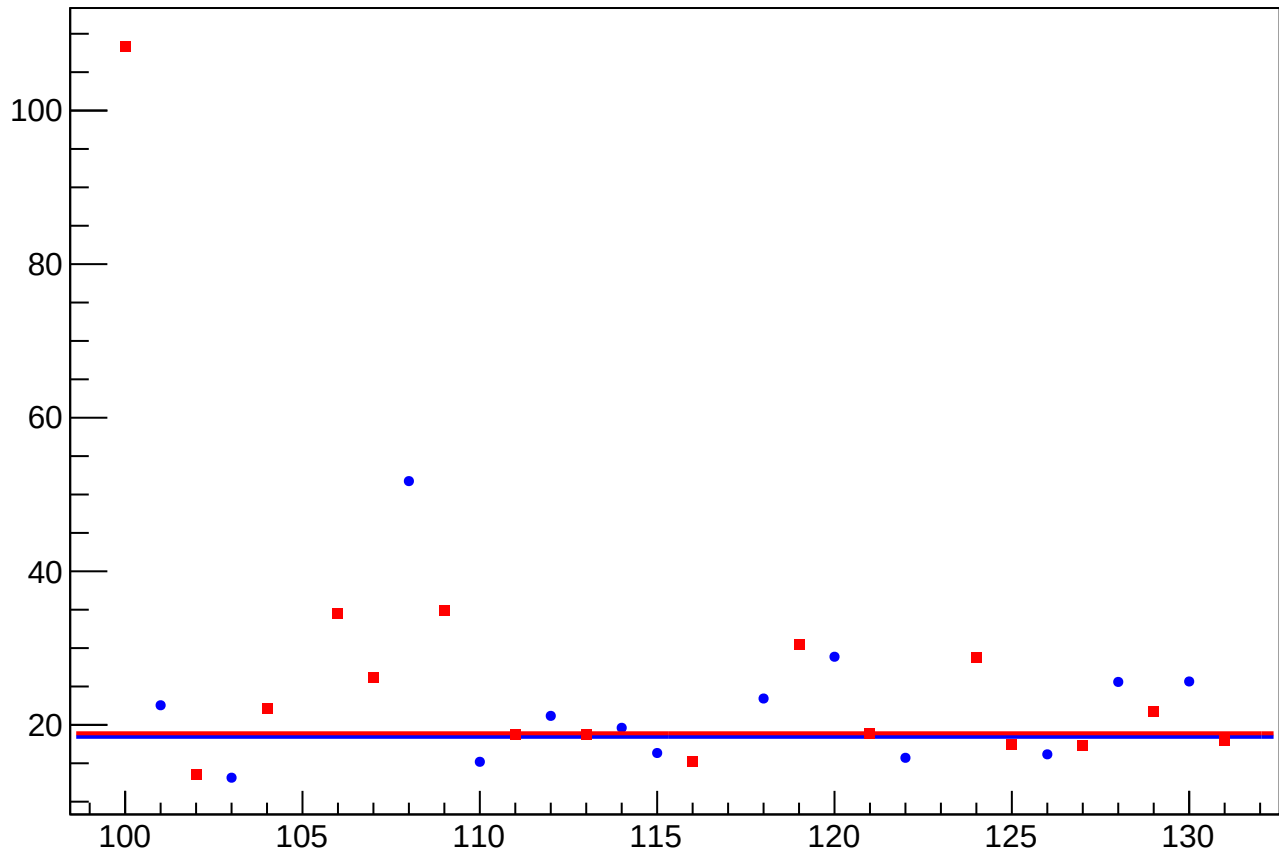
Right: 0.009+/-0.006 χ^2/NDF : 36.8/28

In: -0.007+/-0.009 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.006 χ^2/NDF : 36.8/28

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.907+/-0.006 χ^2/NDF : 849642.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

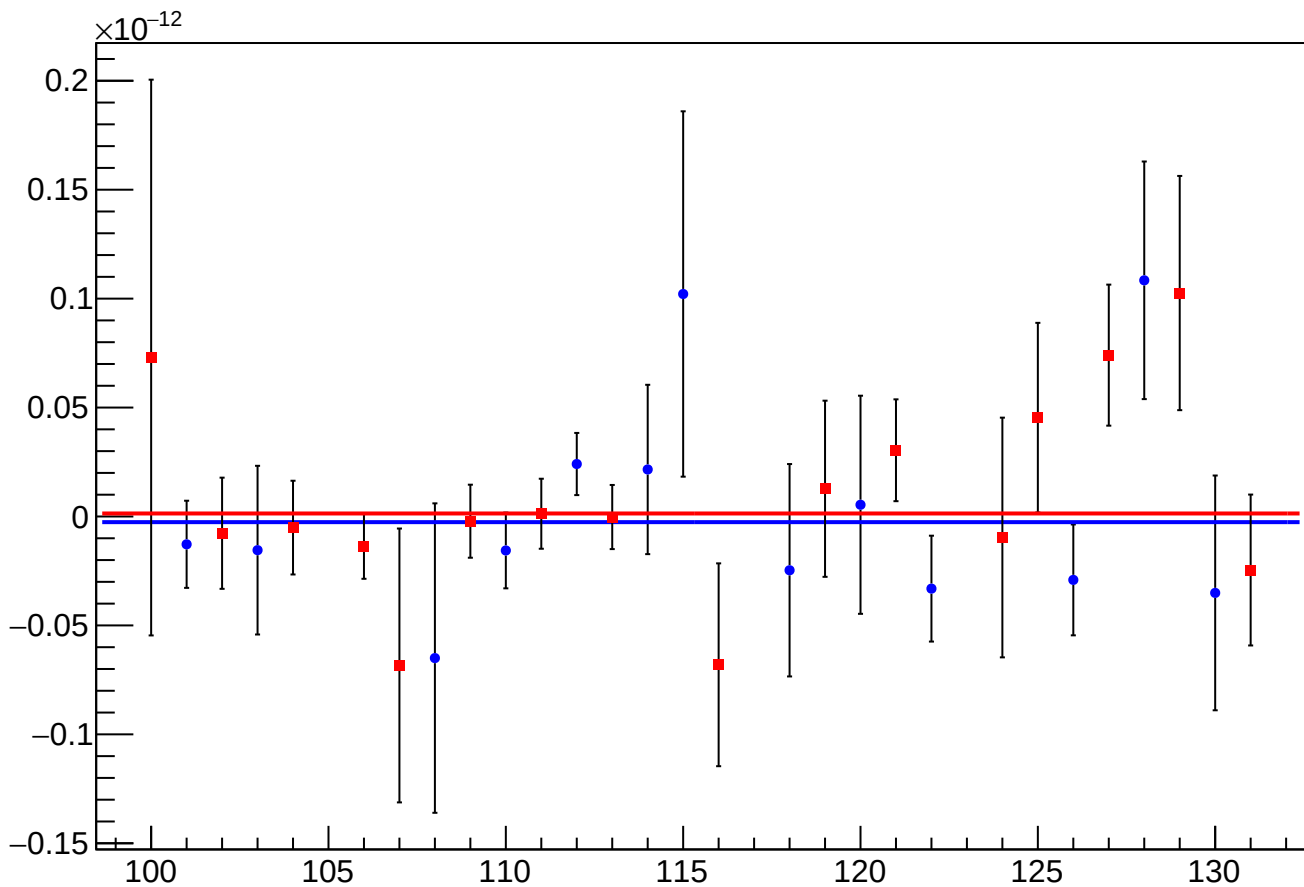
Right: 18.688+/-0.004 χ^2/NDF : 1680623.7/28

In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.688+/-0.004 χ^2/NDF : 1680623.7/28

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/12

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

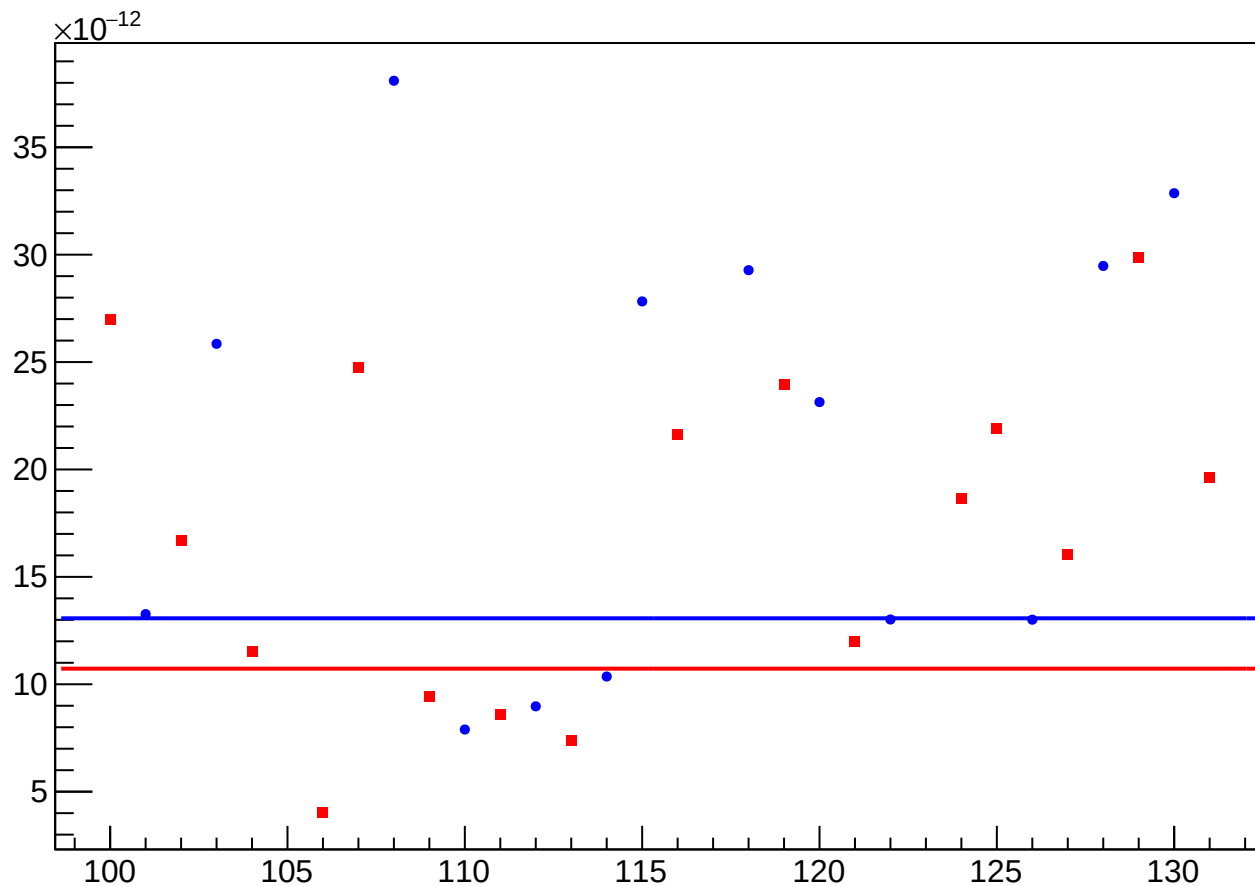
Right: -0.000+/-0.000 χ^2/NDF : 31.6/28

In: -0.000+/-0.000 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.6/28

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1633154.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1743800.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

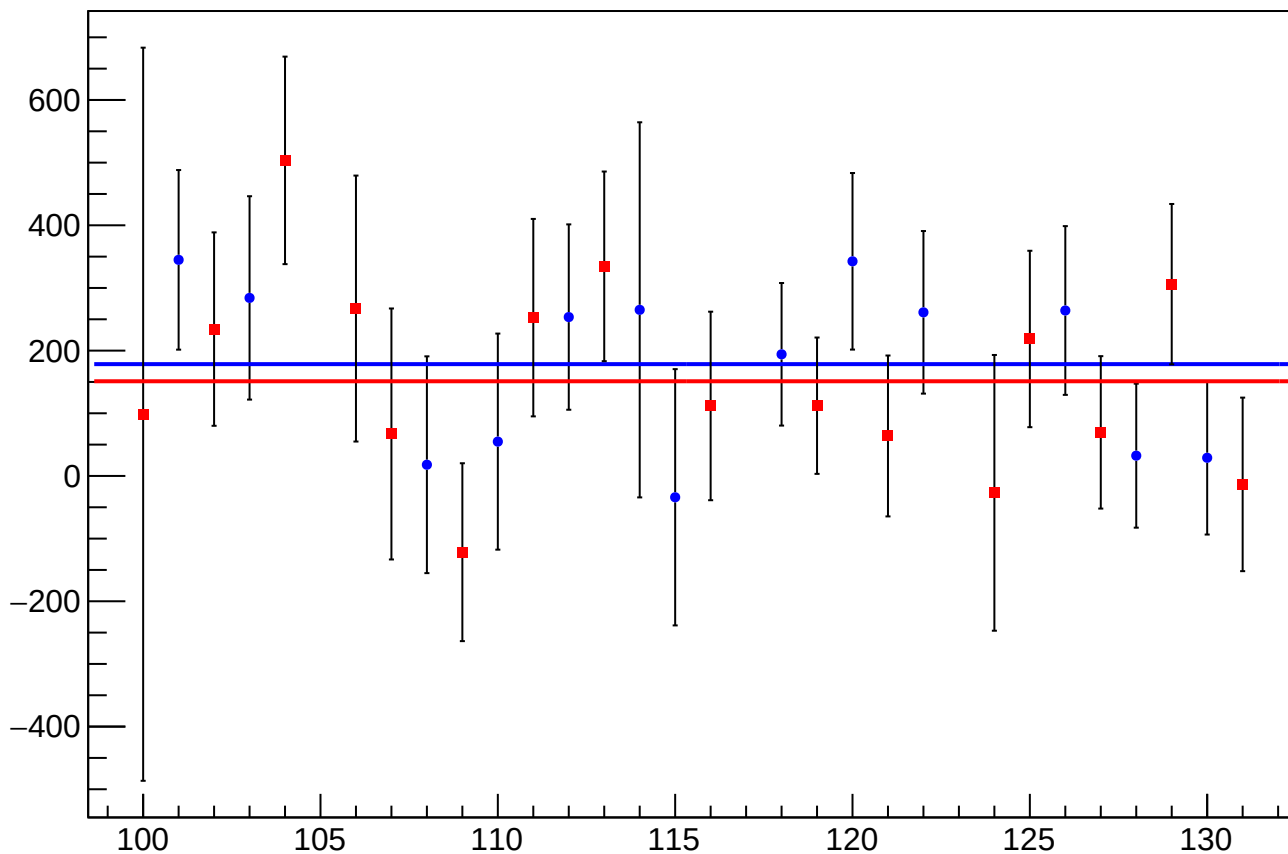
Right: 0.000+/-0.000 χ^2/NDF : 3491238.9/28

In: 0.000+/-0.000 χ^2/NDF : 1633154.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3491238.9/28

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.437+/-40.190 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.097+/-37.706 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

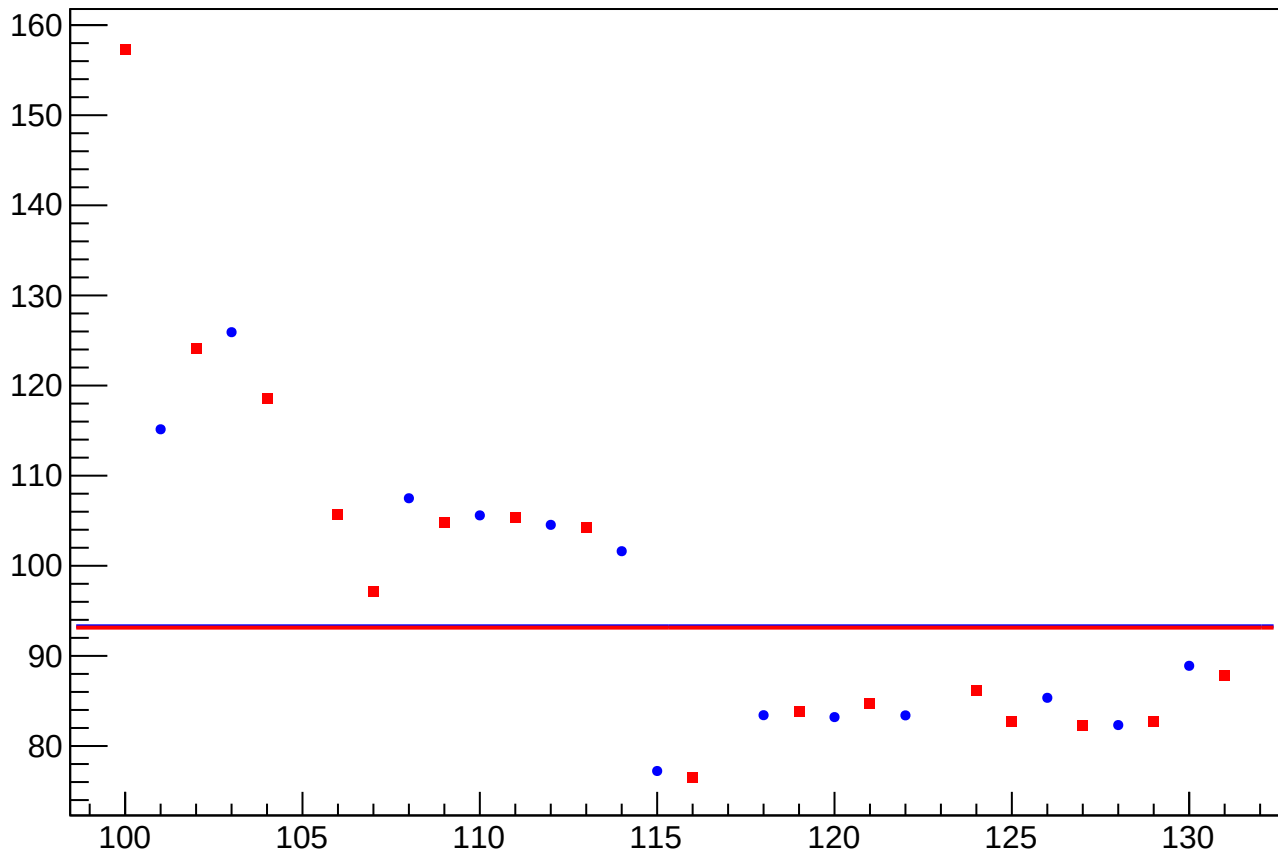
Right: 163.896+/-27.498 χ^2/NDF : 25.9/28

In: 178.437+/-40.190 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.896+/-27.498 χ^2/NDF : 25.9/28

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.283+/-0.028 χ^2/NDF : 241171.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.138+/-0.027 χ^2/NDF : 288296.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

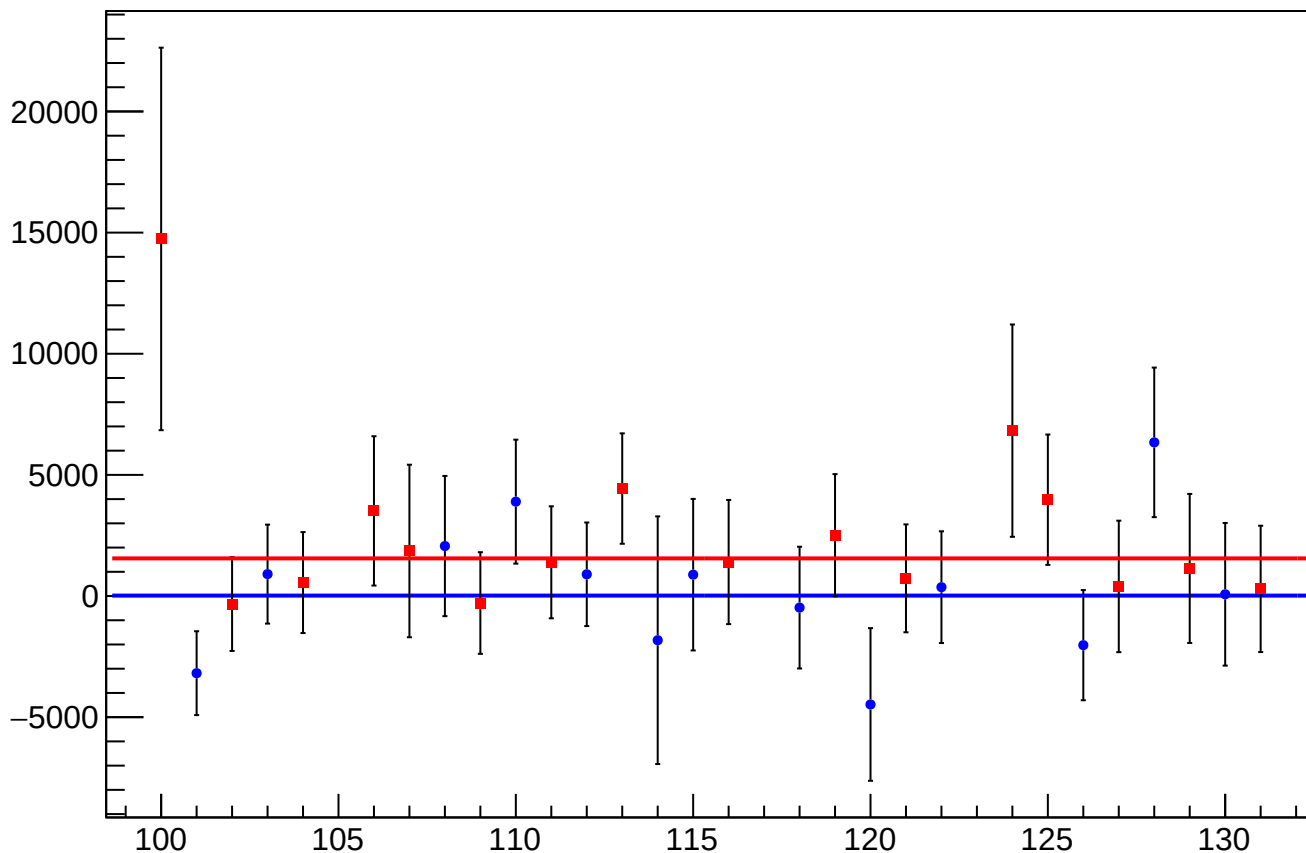
Right: 93.206+/-0.019 χ^2/NDF : 529481.5/28

In: 93.283+/-0.028 χ^2/NDF : 241171.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.206+/-0.019 χ^2/NDF : 529481.5/28

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 17.785+/-695.713 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1553.542+/-646.260 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

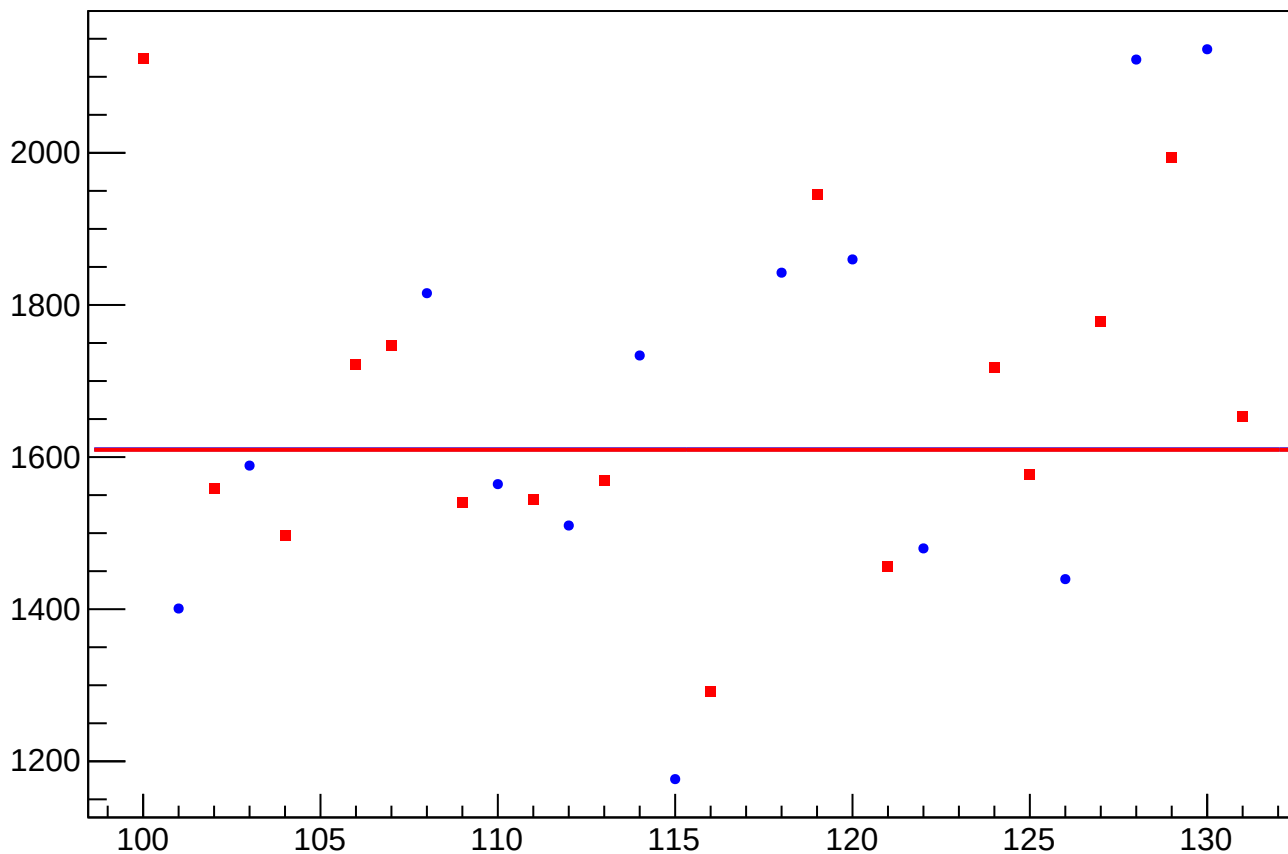
Right: 842.180+/-473.493 χ^2/NDF : 26.2/28

In: 17.785+/-695.713 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.180+/-473.493 χ^2/NDF : 26.2/28

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1610.169+/-0.492 χ^2/NDF : 250453.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1609.580+/-0.457 χ^2/NDF : 142336.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

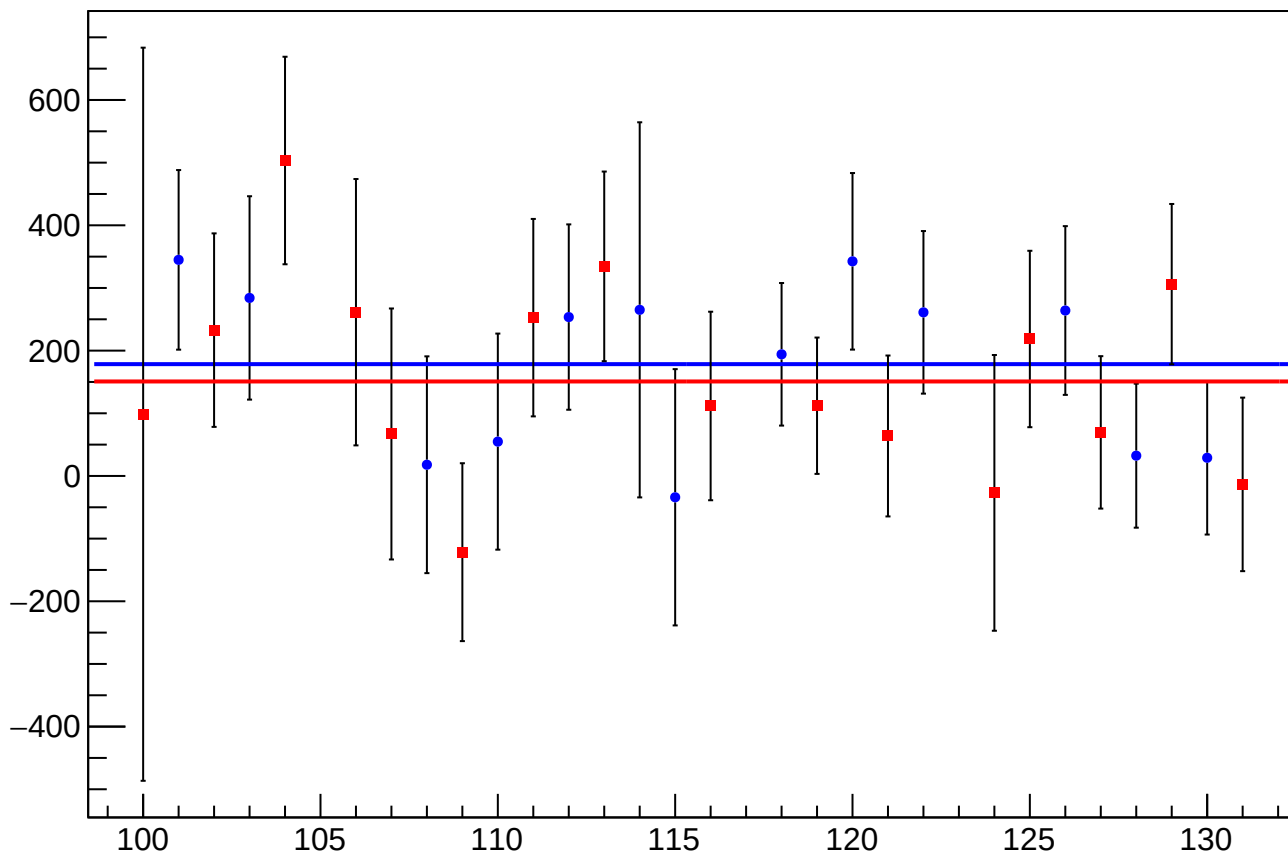
Right: 1609.853+/-0.335 χ^2/NDF : 392791.1/28

In: 1610.169+/-0.492 χ^2/NDF : 250453.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.853+/-0.335 χ^2/NDF : 392791.1/28

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.788 $\pm$ 37.708 χ^2 /NDF: 15.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

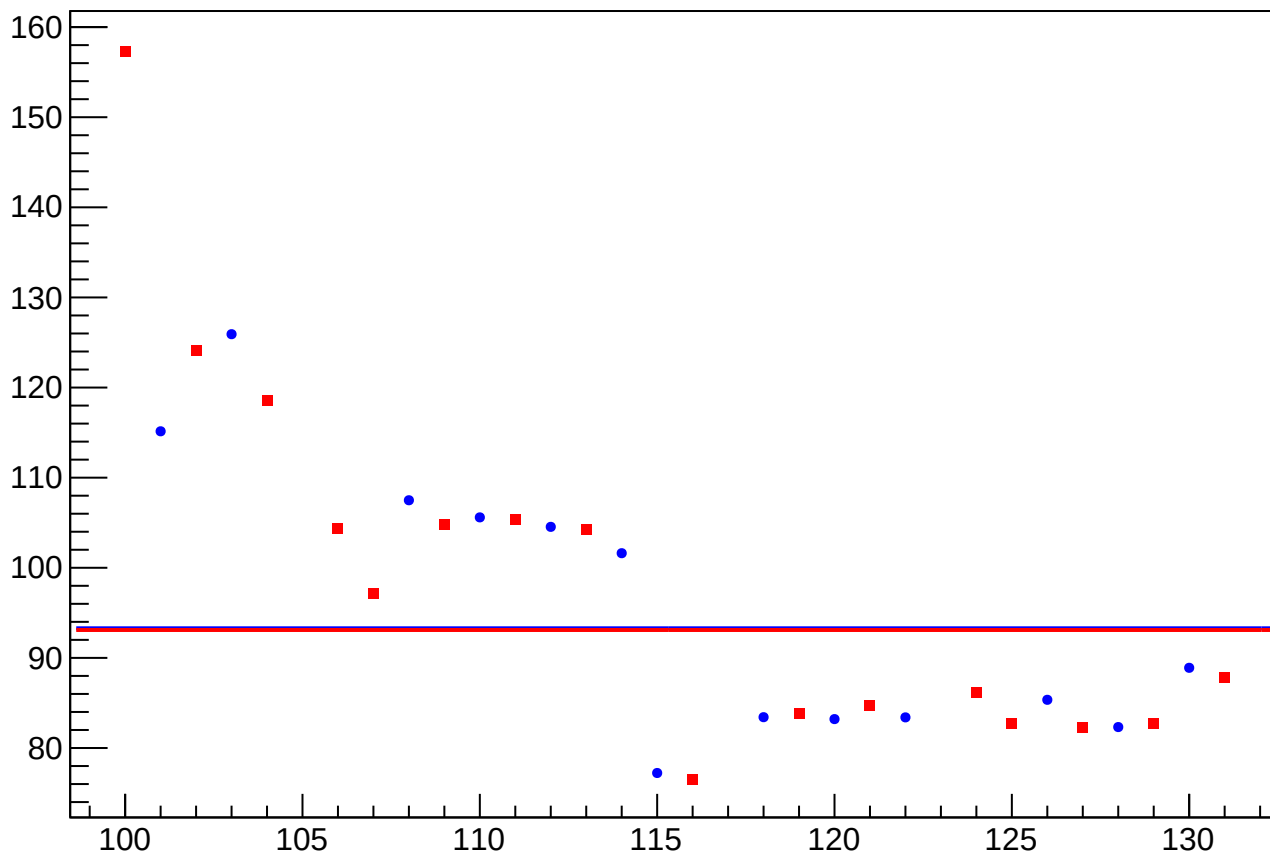
Right: 163.732 $\pm$ 27.499 χ^2 /NDF: 25.8/28

In: 178.436 $\pm$ 40.190 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.732 $\pm$ 27.499 χ^2 /NDF: 25.8/28

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.098+/-0.027 χ^2/NDF : 287143.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

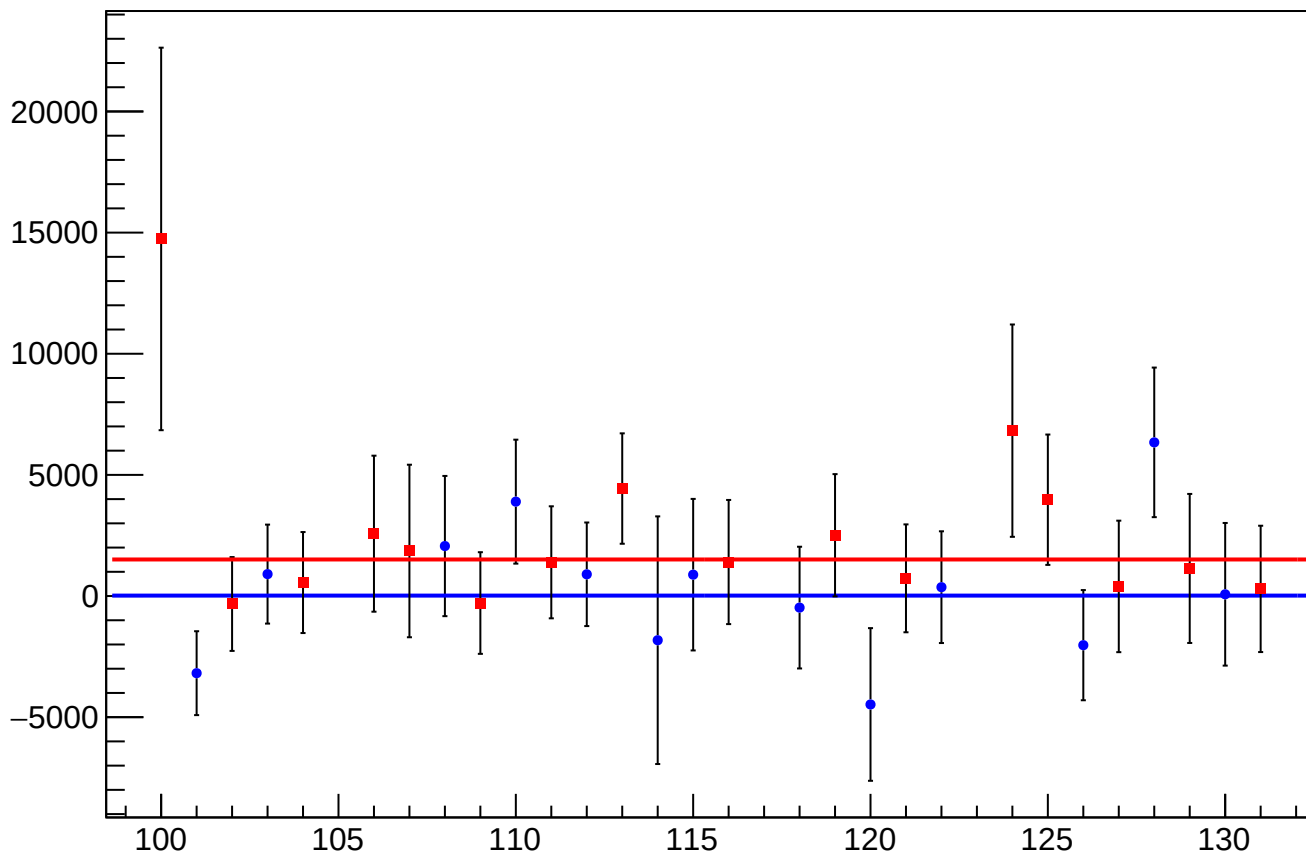
Right: 93.185+/-0.019 χ^2/NDF : 528339.5/28

In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.185+/-0.019 χ^2/NDF : 528339.5/28

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.801+/-647.489 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

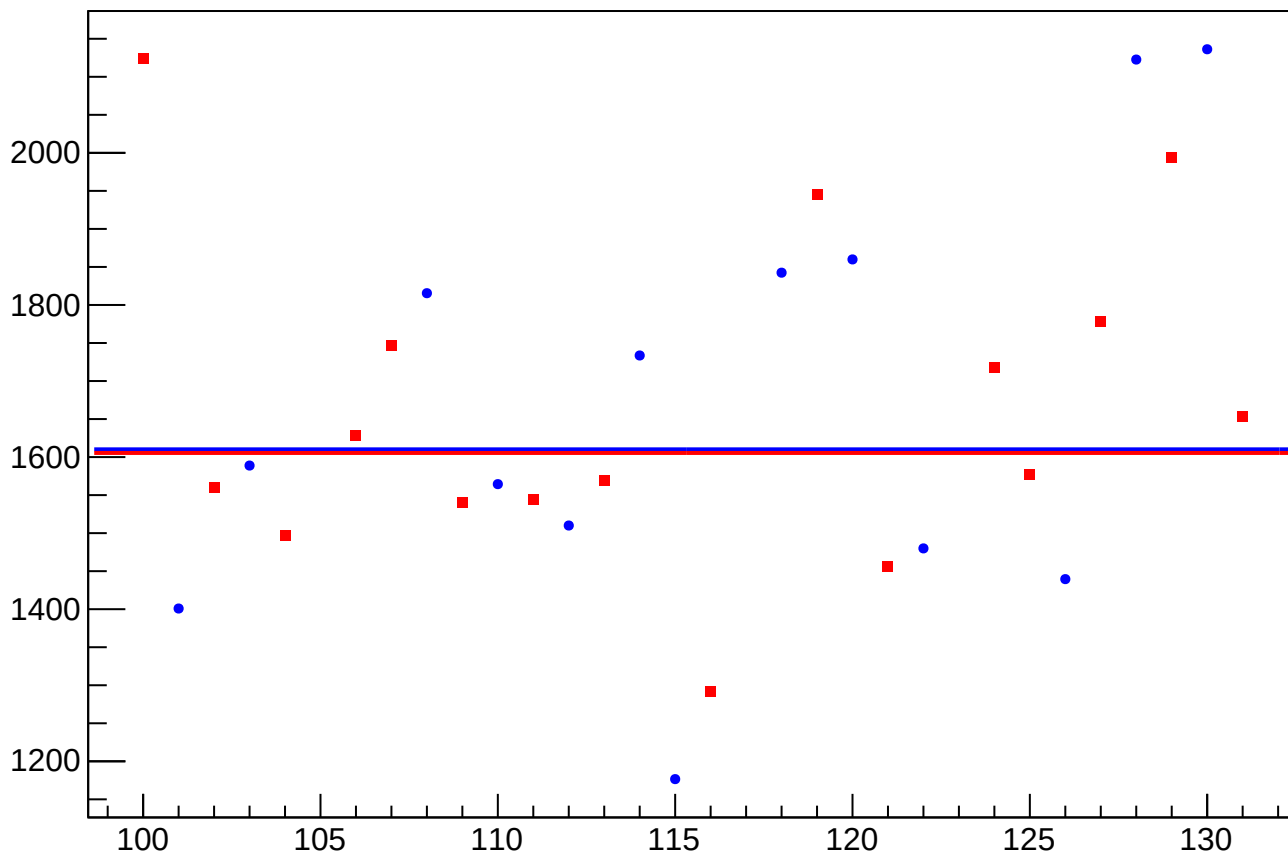
Right: 816.781+/-473.977 χ^2/NDF : 25.8/28

In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.781+/-473.977 χ^2/NDF : 25.8/28

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.434+/-0.458 χ^2/NDF : 139607.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

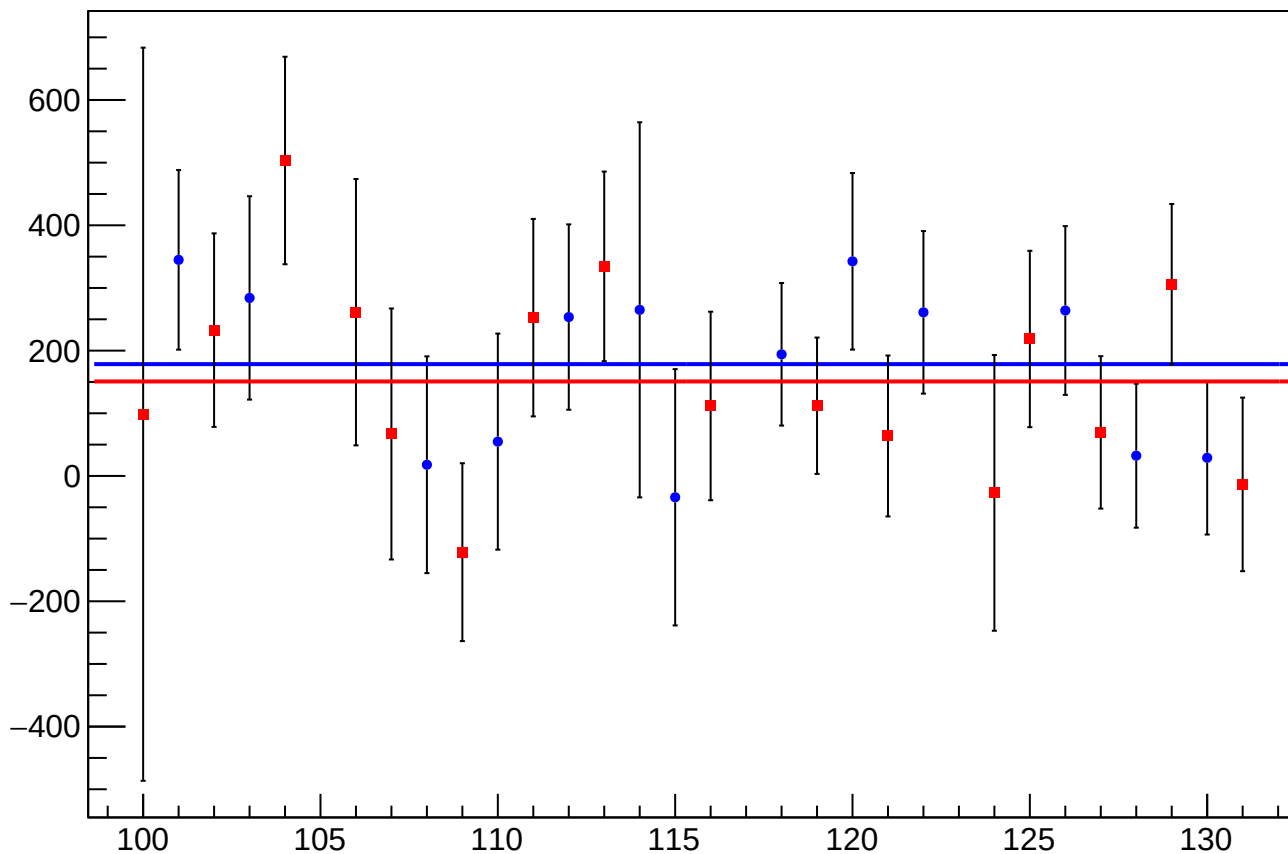
Right: 1607.635+/-0.335 χ^2/NDF : 390110.2/28

In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.635+/-0.335 χ^2/NDF : 390110.2/28

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.788 $\pm$ 37.708 χ^2 /NDF: 15.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

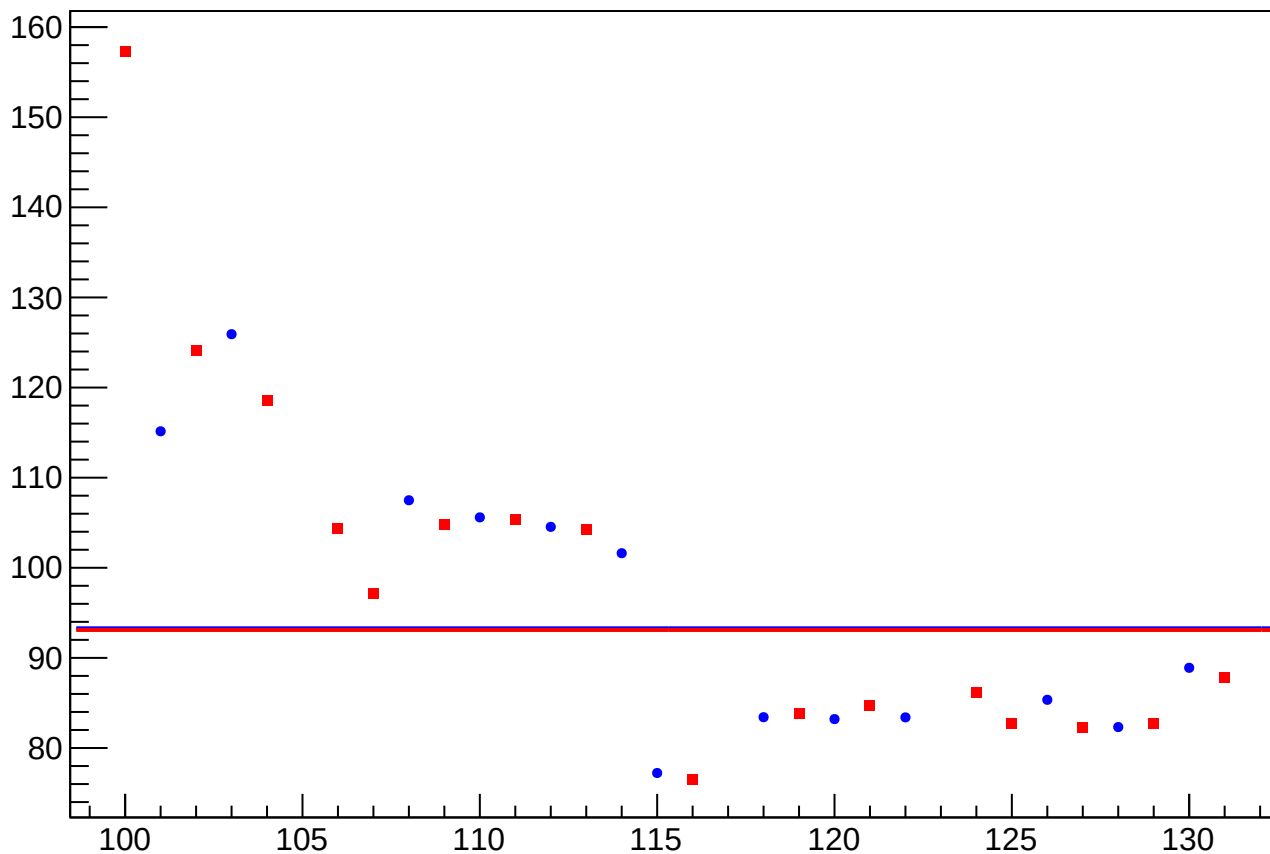
Right: 163.732 $\pm$ 27.499 χ^2 /NDF: 25.8/28

In: 178.436 $\pm$ 40.190 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.732 $\pm$ 27.499 χ^2 /NDF: 25.8/28

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.098+/-0.027 χ^2/NDF : 287143.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

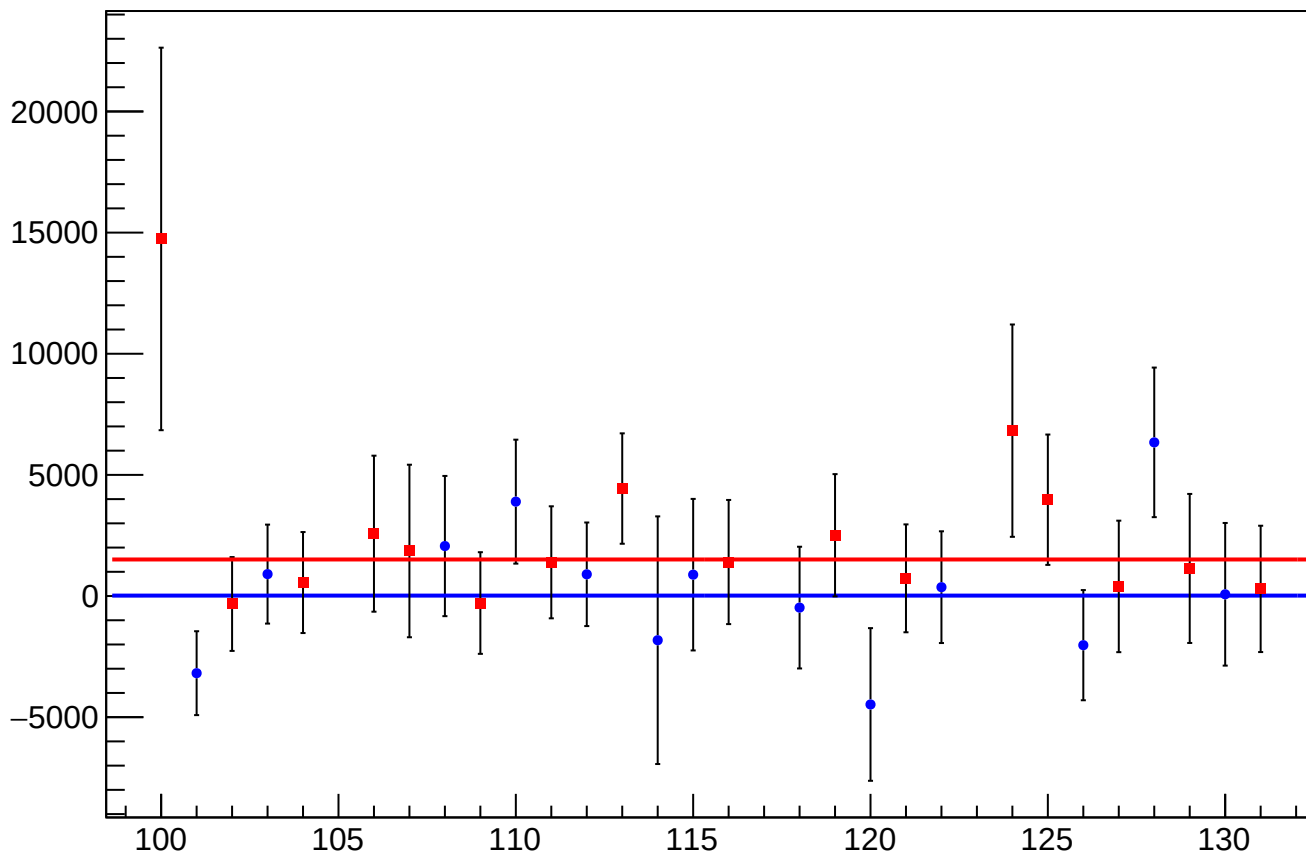
Right: 93.185+/-0.019 χ^2/NDF : 528339.5/28

In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.185+/-0.019 χ^2/NDF : 528339.5/28

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.801+/-647.489 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

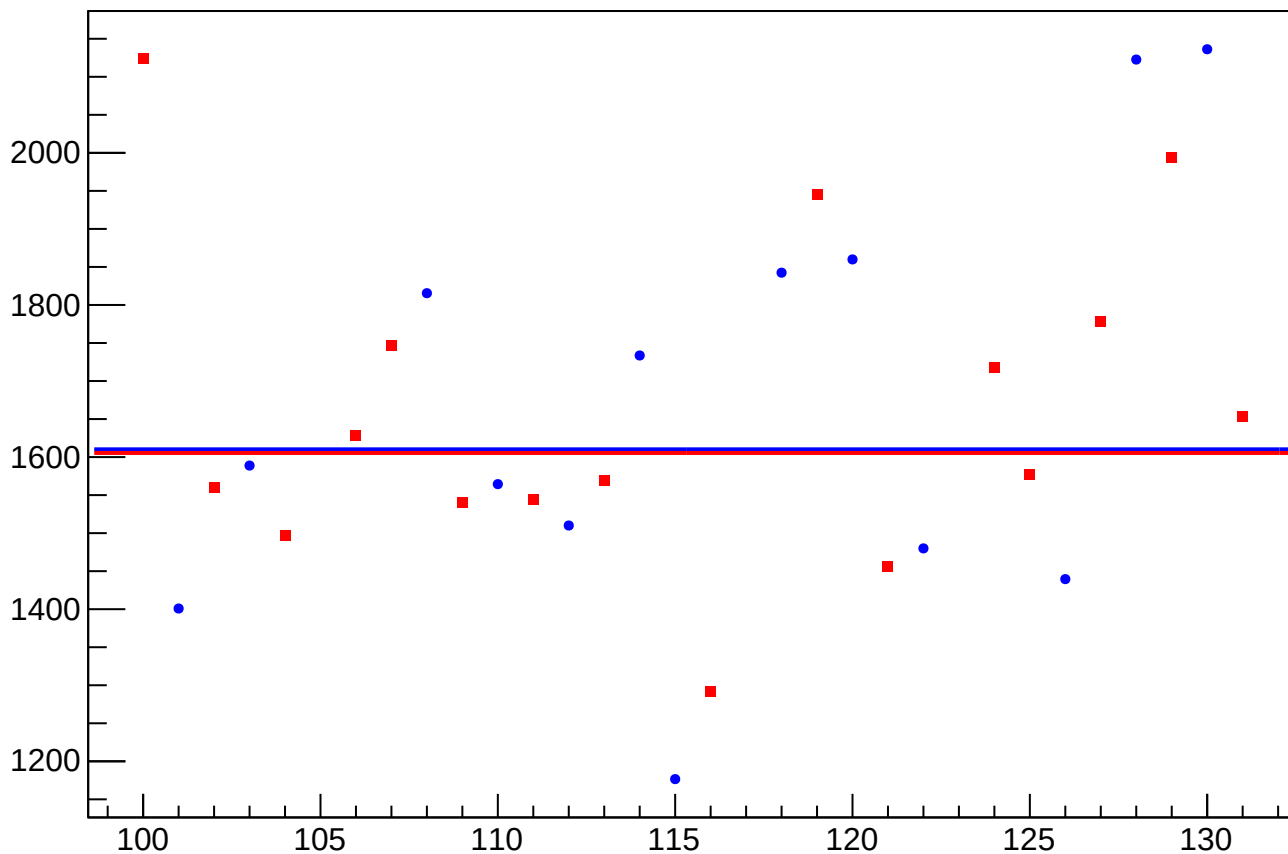
Right: 816.781+/-473.977 χ^2/NDF : 25.8/28

In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.781+/-473.977 χ^2/NDF : 25.8/28

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.434+/-0.458 χ^2/NDF : 139607.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

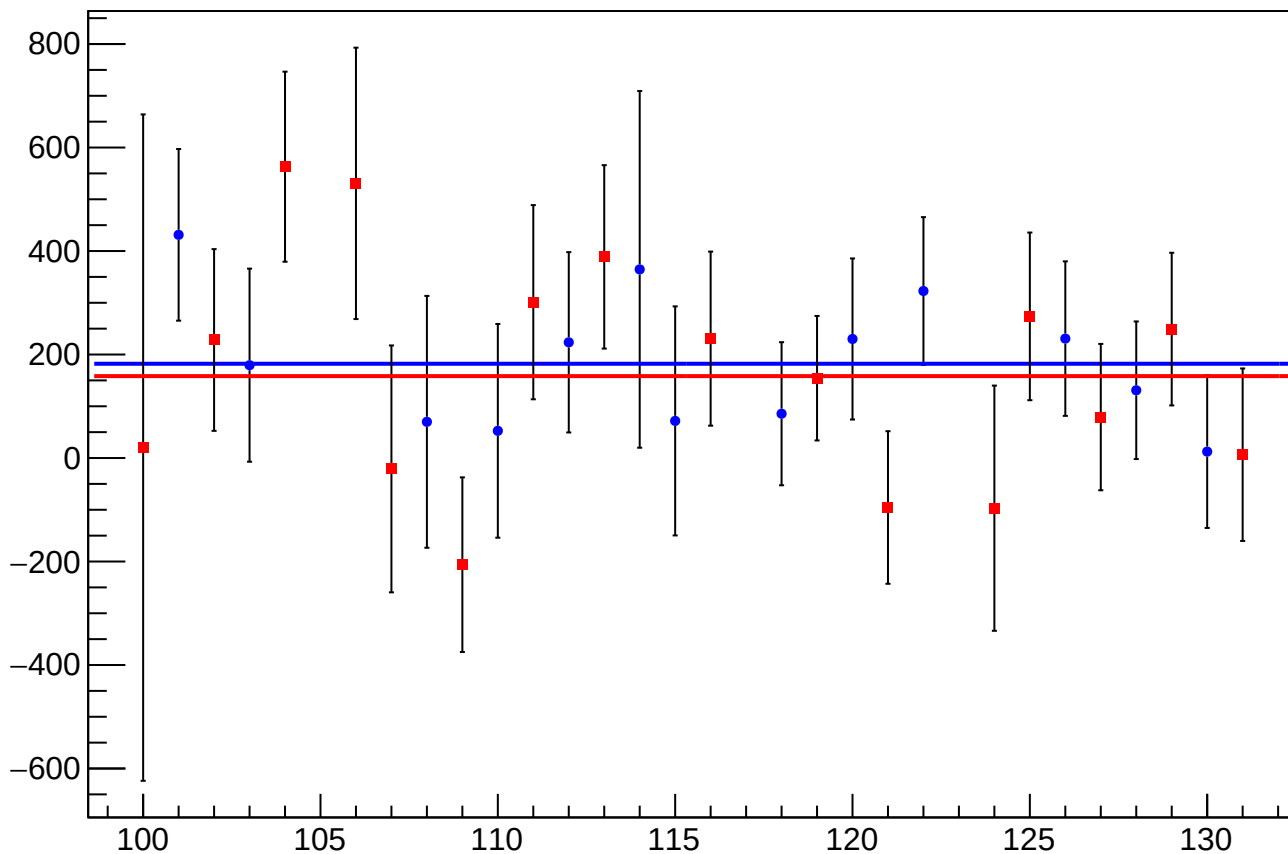
Right: 1607.635+/-0.335 χ^2/NDF : 390110.2/28

In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.635+/-0.335 χ^2/NDF : 390110.2/28

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 182.172 $\pm$ 46.765 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.275 $\pm$ 43.425 χ^2 /NDF: 20.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

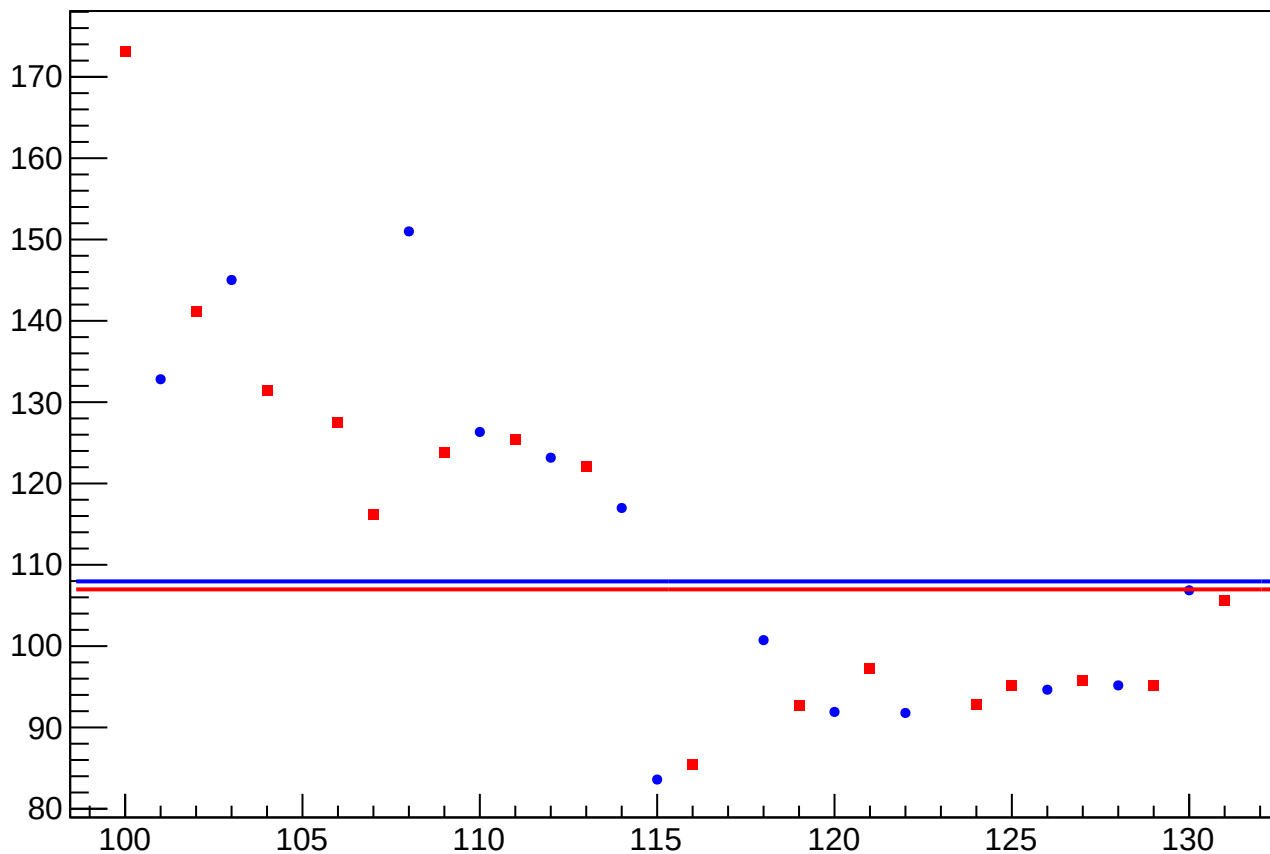
Right: 169.340 $\pm$ 31.822 χ^2 /NDF: 27.6/28

In: 182.172 $\pm$ 46.765 χ^2 /NDF:6.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.340 $\pm$ 31.822 χ^2 /NDF: 27.6/28

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.961 $\pm$ 0.033 χ^2 /NDF: 330051.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.976 $\pm$ 0.031 χ^2 /NDF: 314295.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

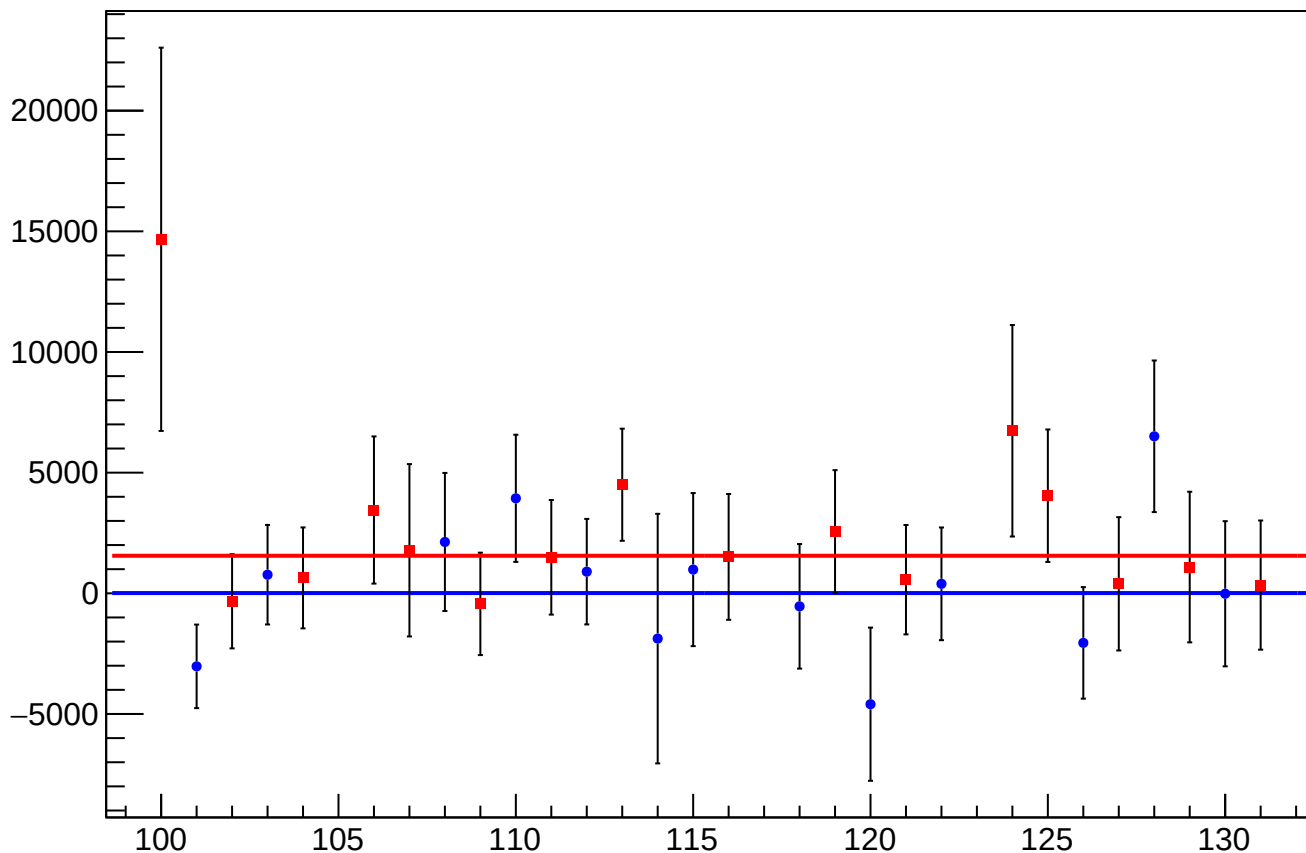
Right: 107.432 $\pm$ 0.023 χ^2 /NDF: 644822.7/28

In: 107.961 $\pm$ 0.033 χ^2 /NDF:330051.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.432 $\pm$ 0.023 χ^2 /NDF: 644822.7/28

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 10.540+/-704.795 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.114+/-654.890 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

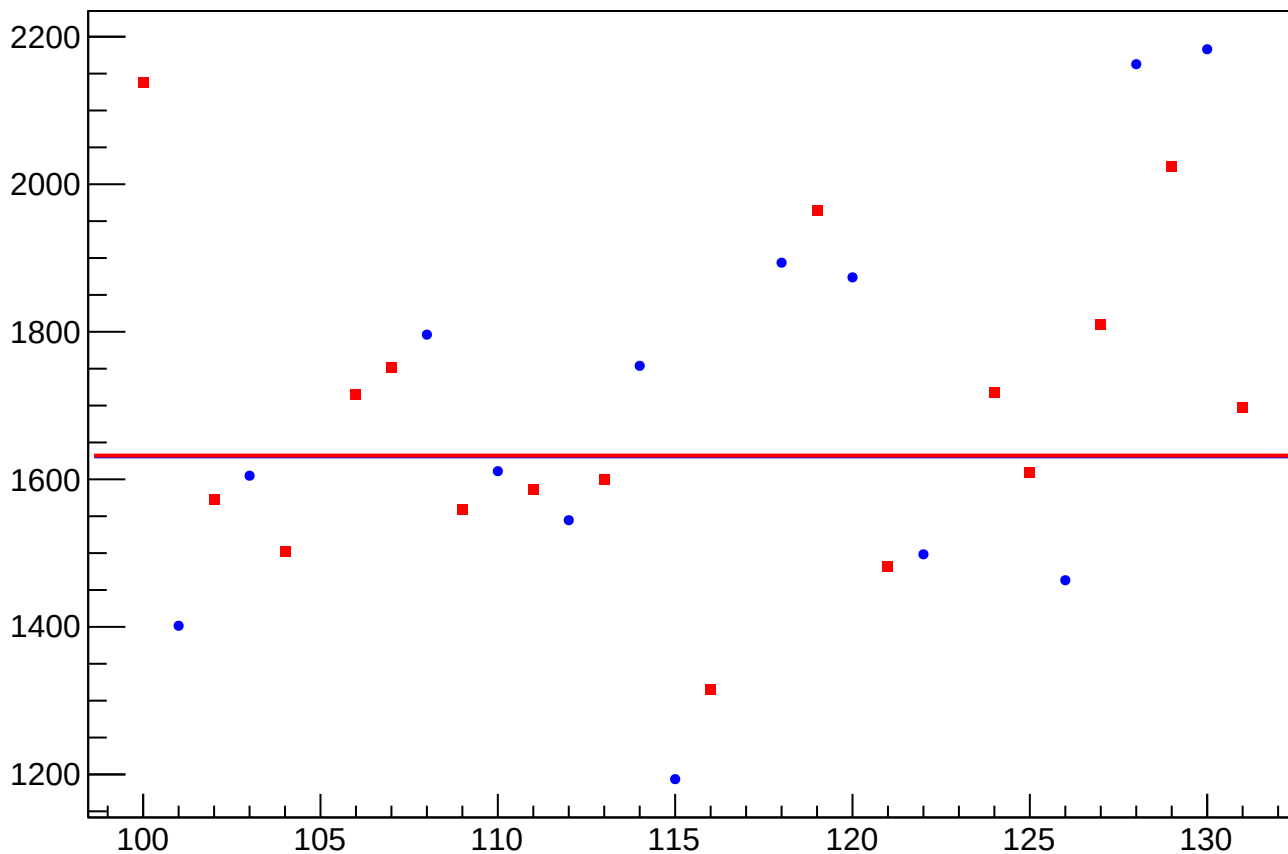
Right: 839.979+/-479.750 χ^2/NDF : 25.9/28

In: 10.540+/-704.795 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.979+/-479.750 χ^2/NDF : 25.9/28

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1631.172+/-0.498 χ^2/NDF : 258664.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.210+/-0.463 χ^2/NDF : 139031.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

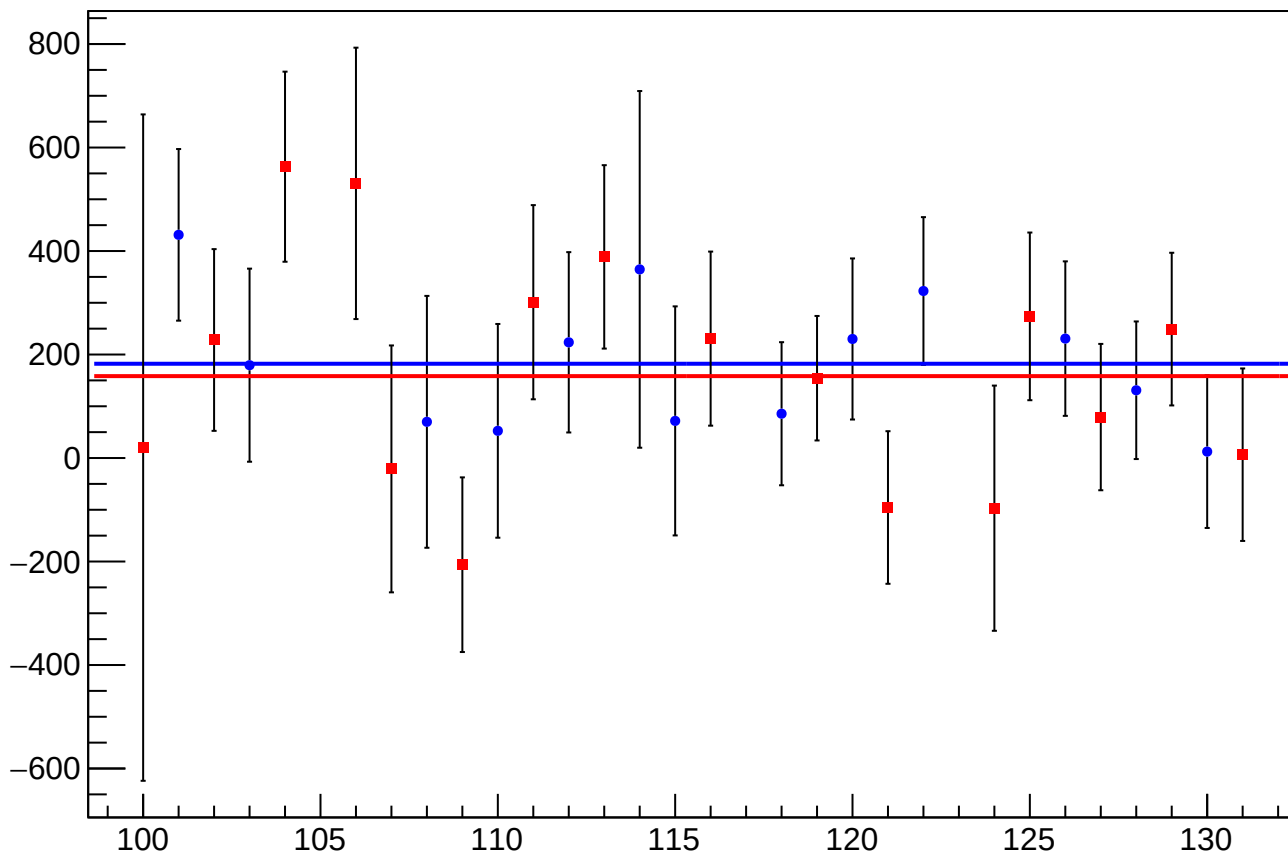
Right: 1631.729+/-0.339 χ^2/NDF : 397697.7/28

In: 1631.172+/-0.498 χ^2/NDF : 258664.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.729+/-0.339 χ^2/NDF : 397697.7/28

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 182.171+/-46.765 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.272+/-43.425 χ^2/NDF : 20.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

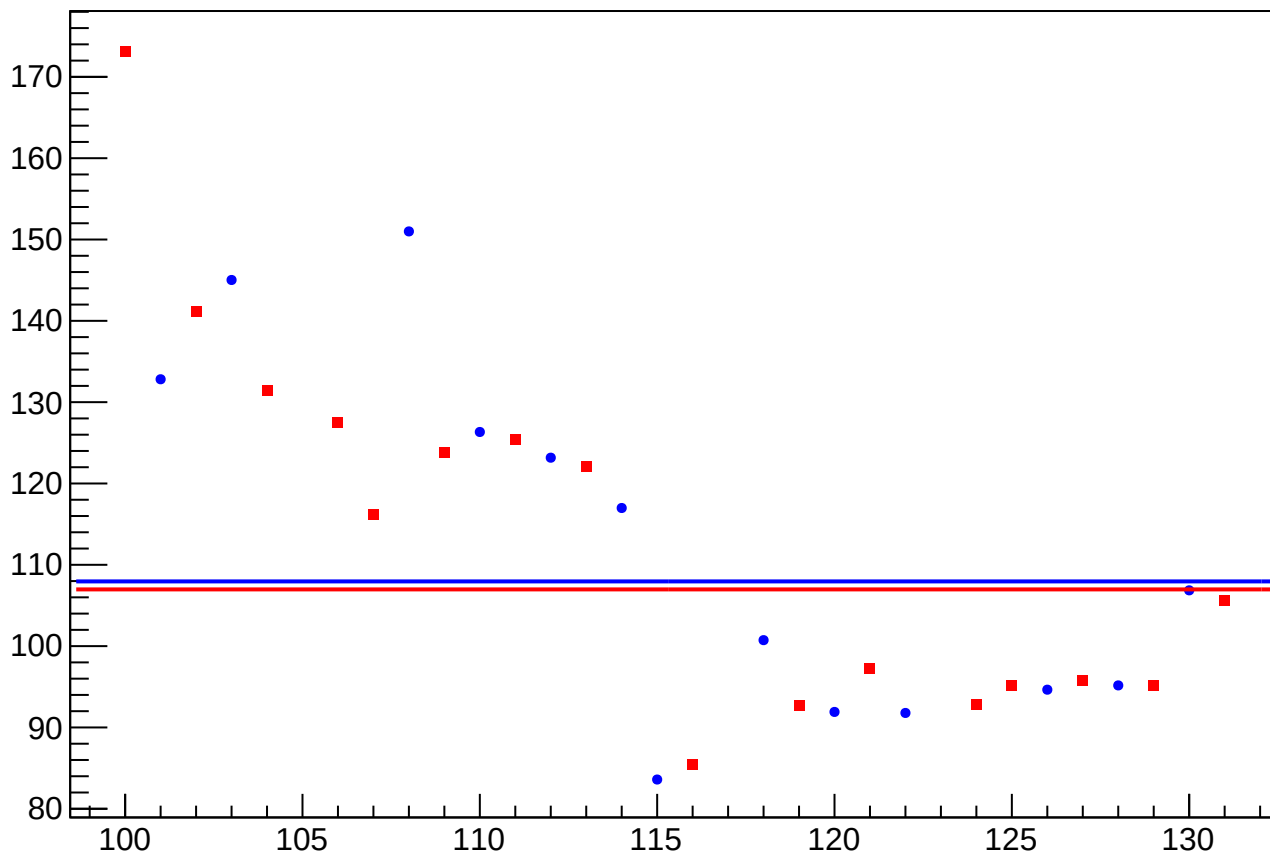
Right: 169.338+/-31.821 χ^2/NDF : 27.6/28

In: 182.171+/-46.765 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.338+/-31.821 χ^2/NDF : 27.6/28

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.959+/-0.033 χ^2/NDF : 330054.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 106.975+/-0.031 χ^2/NDF : 314296.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

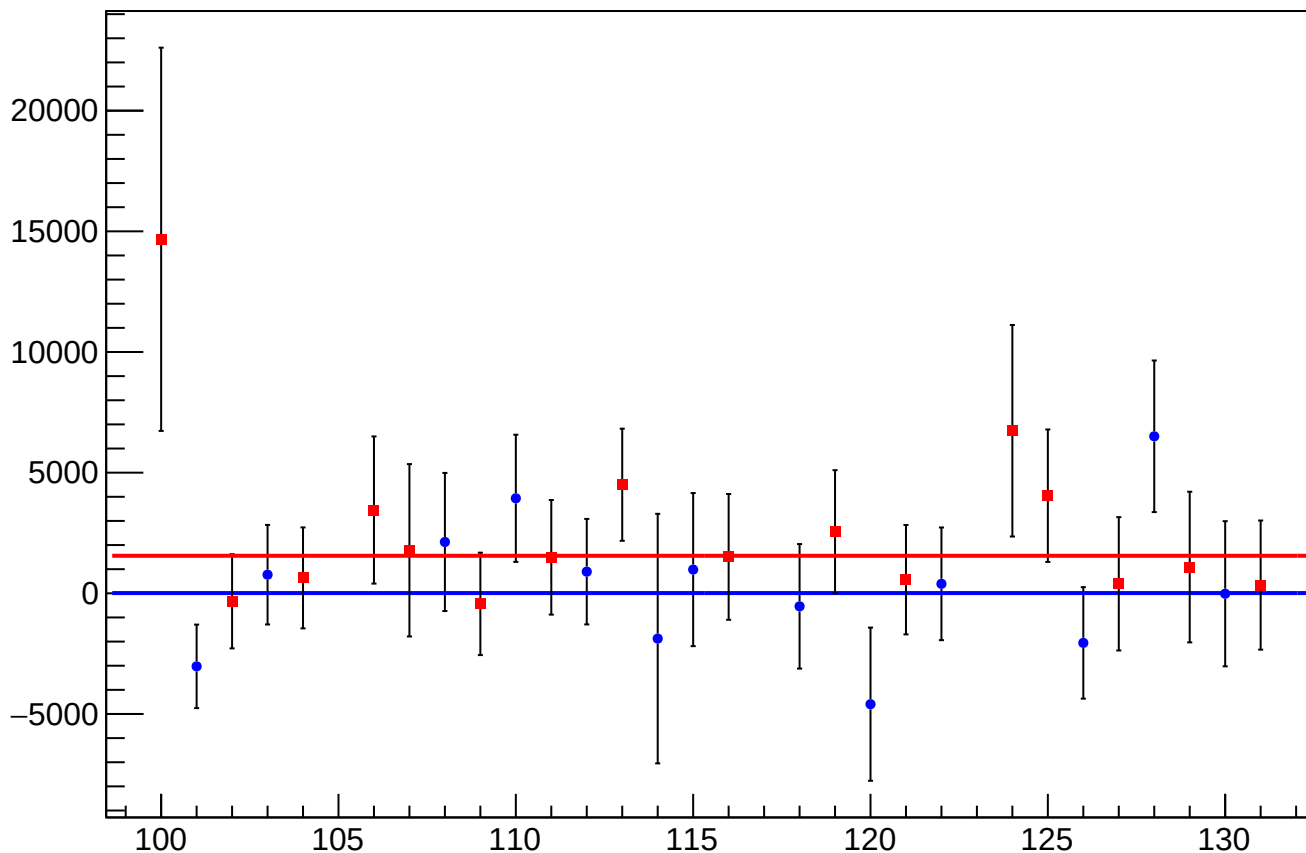
Right: 107.431+/-0.023 χ^2/NDF : 644826.1/28

In: 107.959+/-0.033 χ^2/NDF :330054.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 107.431+/-0.023 χ^2/NDF : 644826.1/28

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 10.543+/-704.794 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.111+/-654.888 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

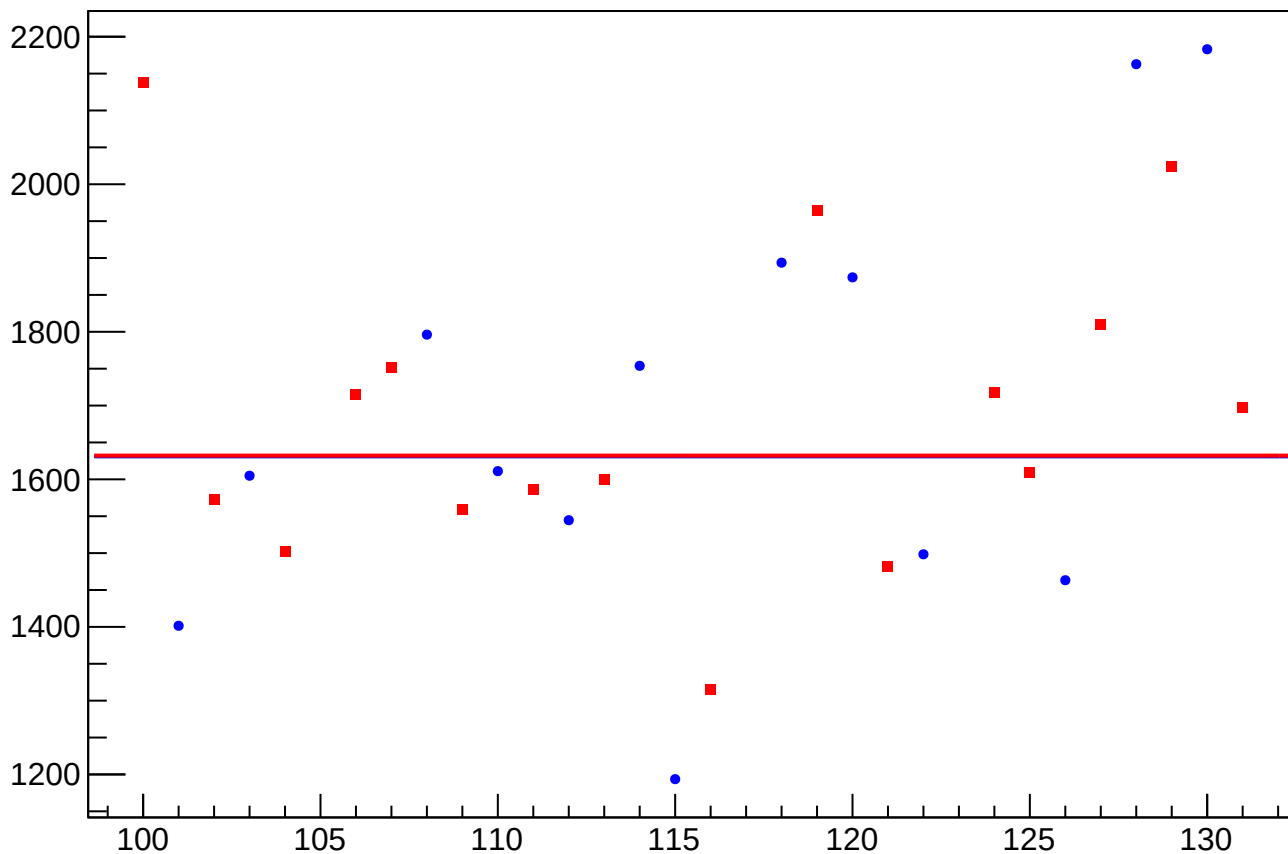
Right: 839.979+/-479.750 χ^2/NDF : 25.9/28

In: 10.543+/-704.794 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.979+/-479.750 χ^2/NDF : 25.9/28

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1631.169+/-0.498 χ^2/NDF : 258662.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.206+/-0.463 χ^2/NDF : 139031.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

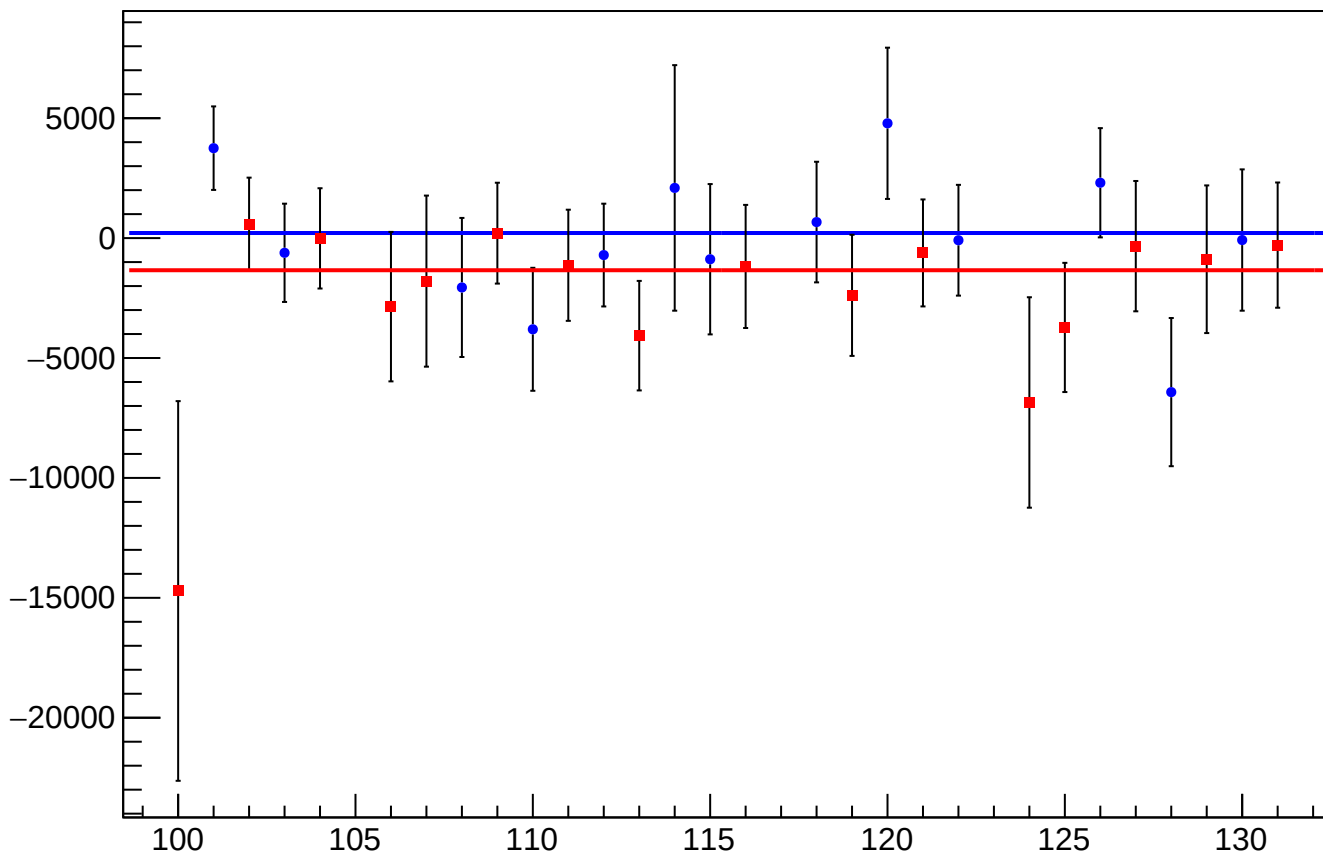
Right: 1631.726+/-0.339 χ^2/NDF : 397695.8/28

In: 1631.169+/-0.498 χ^2/NDF : 258662.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.726+/-0.339 χ^2/NDF : 397695.8/28

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 212.435 $\pm$ 697.478 χ^2 /NDF: 15.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1339.963 $\pm$ 647.859 χ^2 /NDF: 9.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

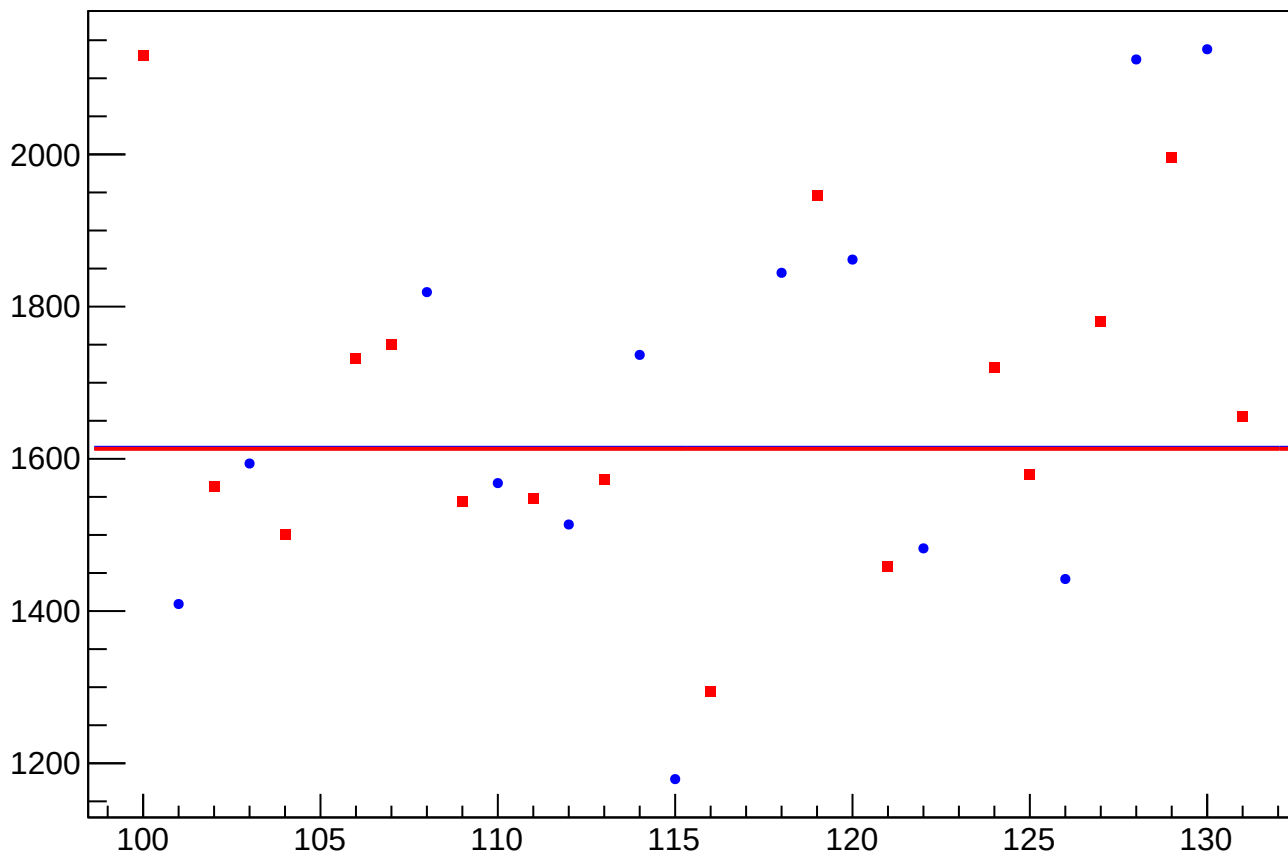
Right: -620.942 $\pm$ 474.679 χ^2 /NDF: 27.5/28

In: 212.435 $\pm$ 697.478 χ^2 /NDF:15.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -620.942 $\pm$ 474.679 χ^2 /NDF: 27.5/28

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1614.527+/-0.493 χ^2/NDF : 247464.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1613.177+/-0.458 χ^2/NDF : 141513.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

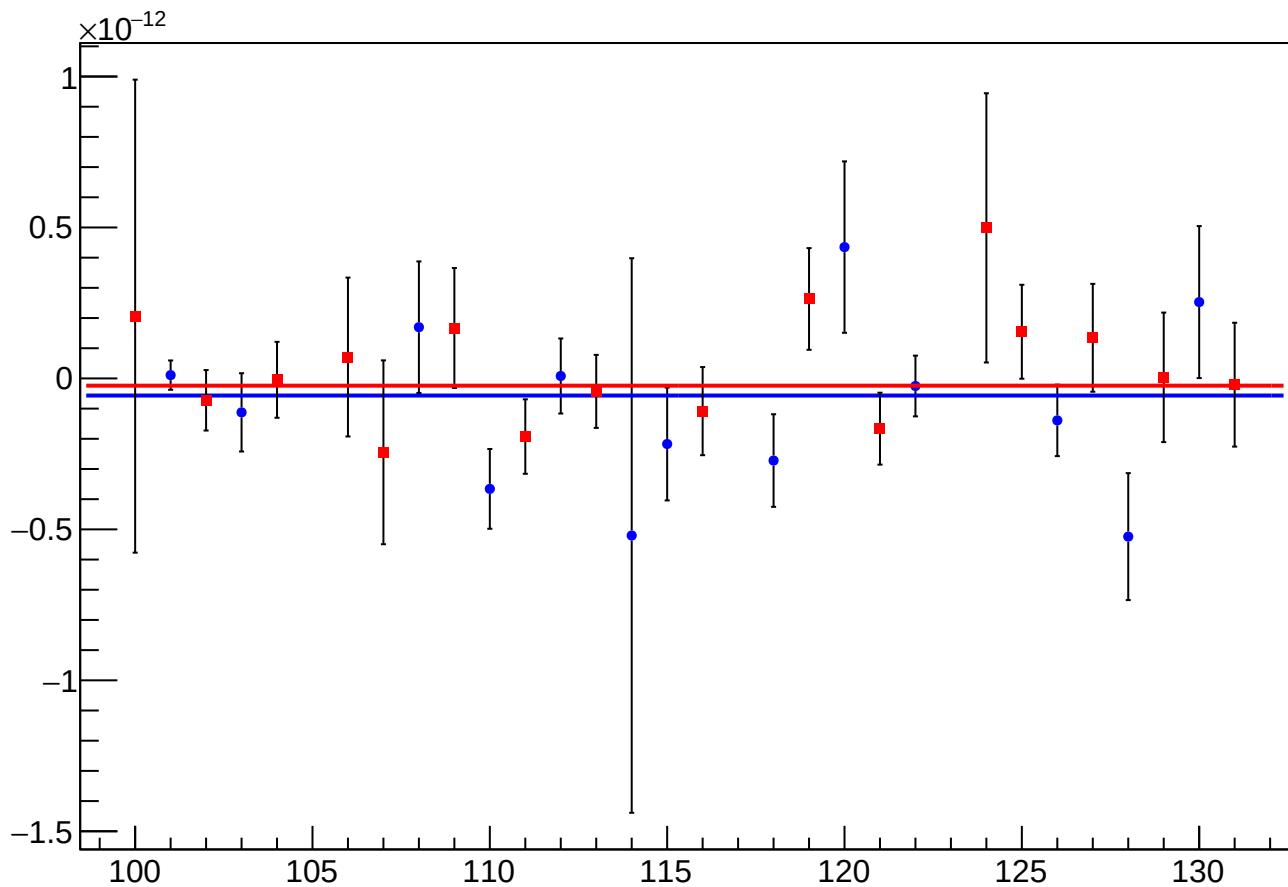
Right: 1613.802+/-0.336 χ^2/NDF : 388982.2/28

In: 1614.527+/-0.493 χ^2/NDF : 247464.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.802+/-0.336 χ^2/NDF : 388982.2/28

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

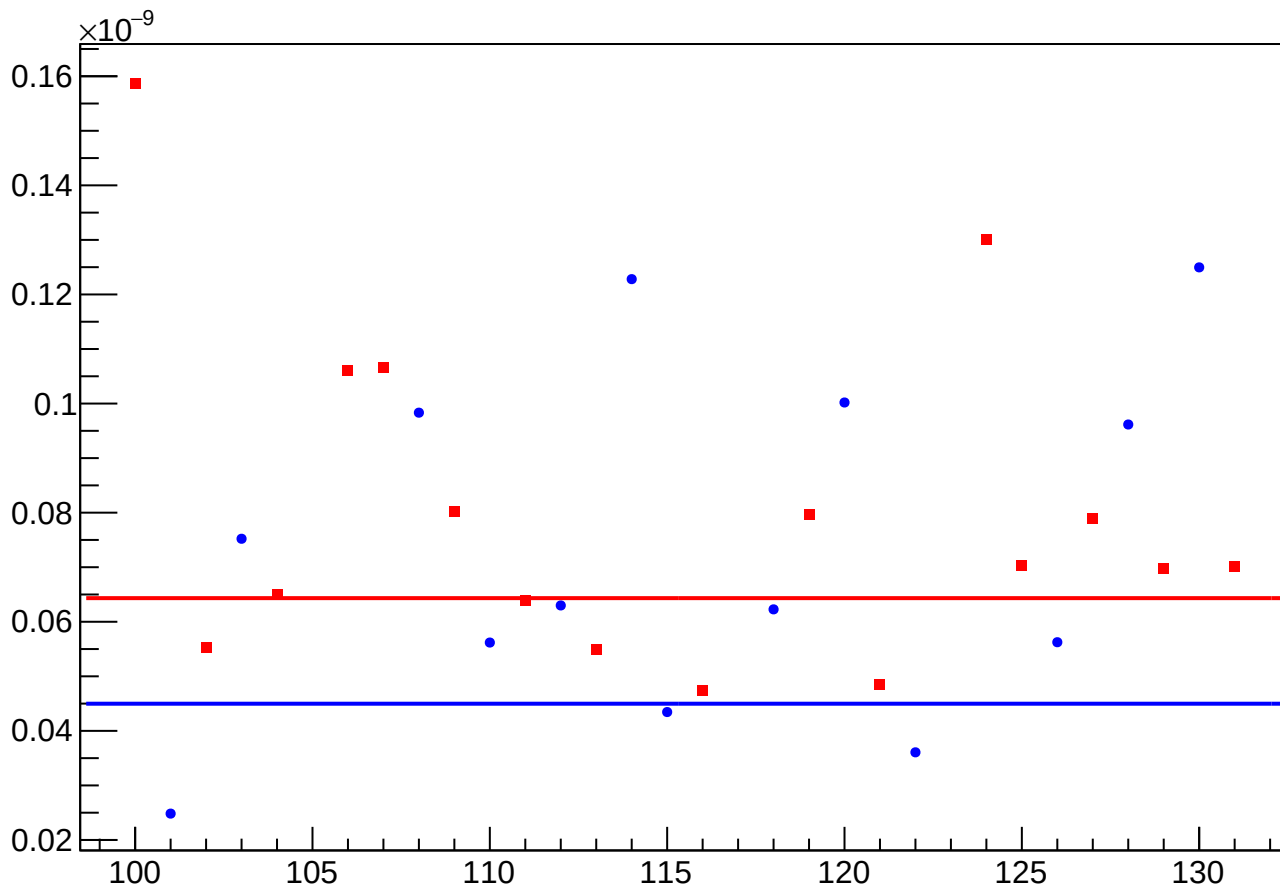
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.3/28

In: -0.000 $\pm$ 0.000 χ^2 /NDF:21.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.3/28

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1099288.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 300102.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

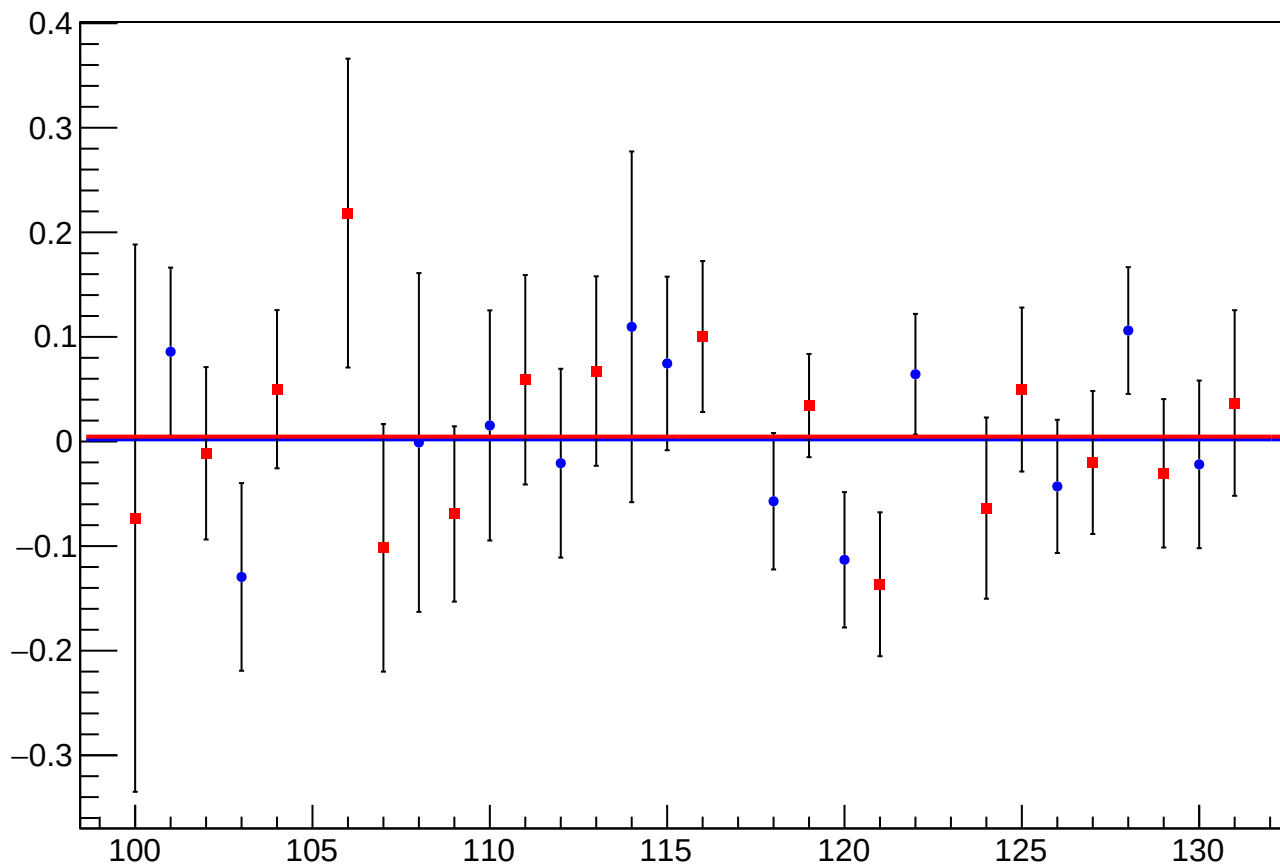
Right: 0.000+/-0.000 χ^2/NDF : 1678176.5/28

In: 0.000+/-0.000 χ^2/NDF : 1099288.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1678176.5/28

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

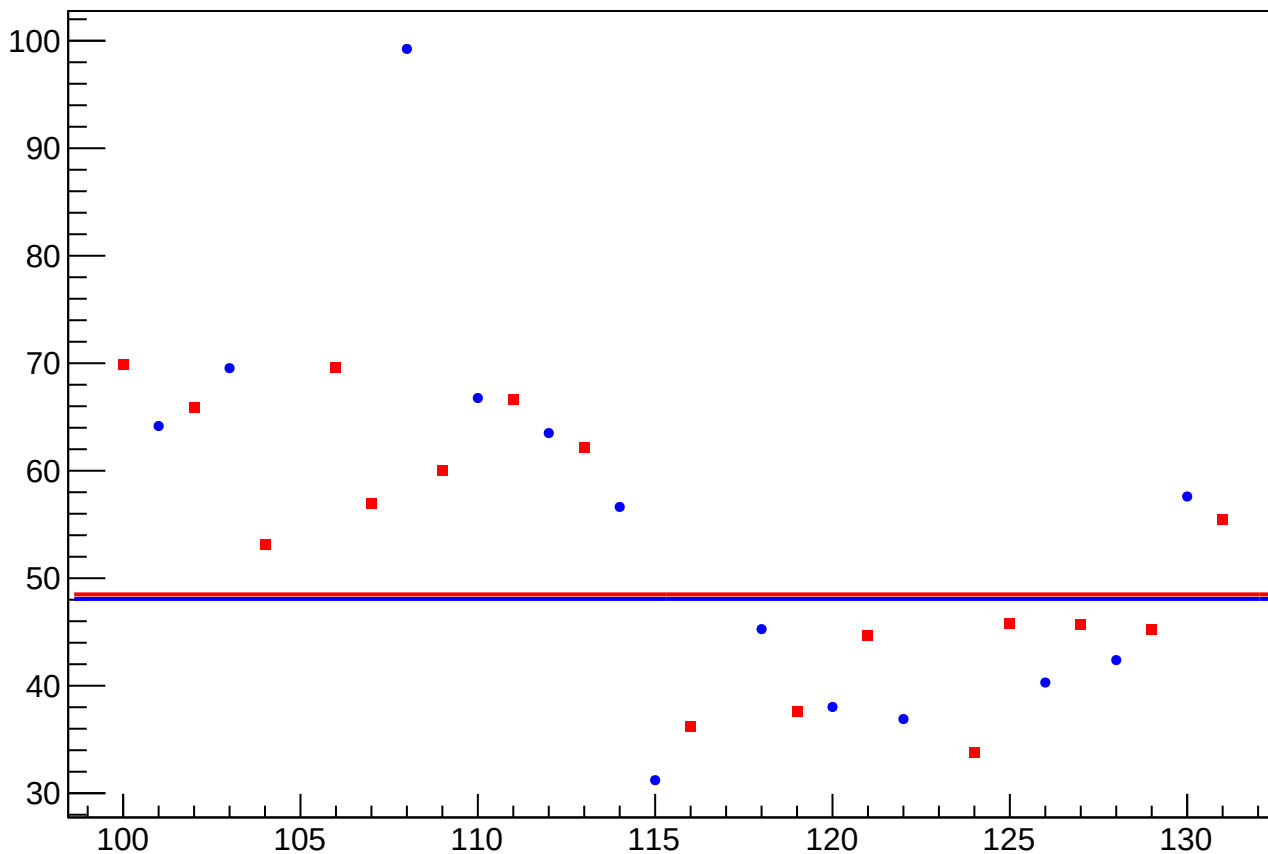
Right: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.9/28

In: 0.002 $\pm$ 0.022 χ^2 /NDF:13.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.9/28

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.499+/-0.014 χ^2/NDF : 551424.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

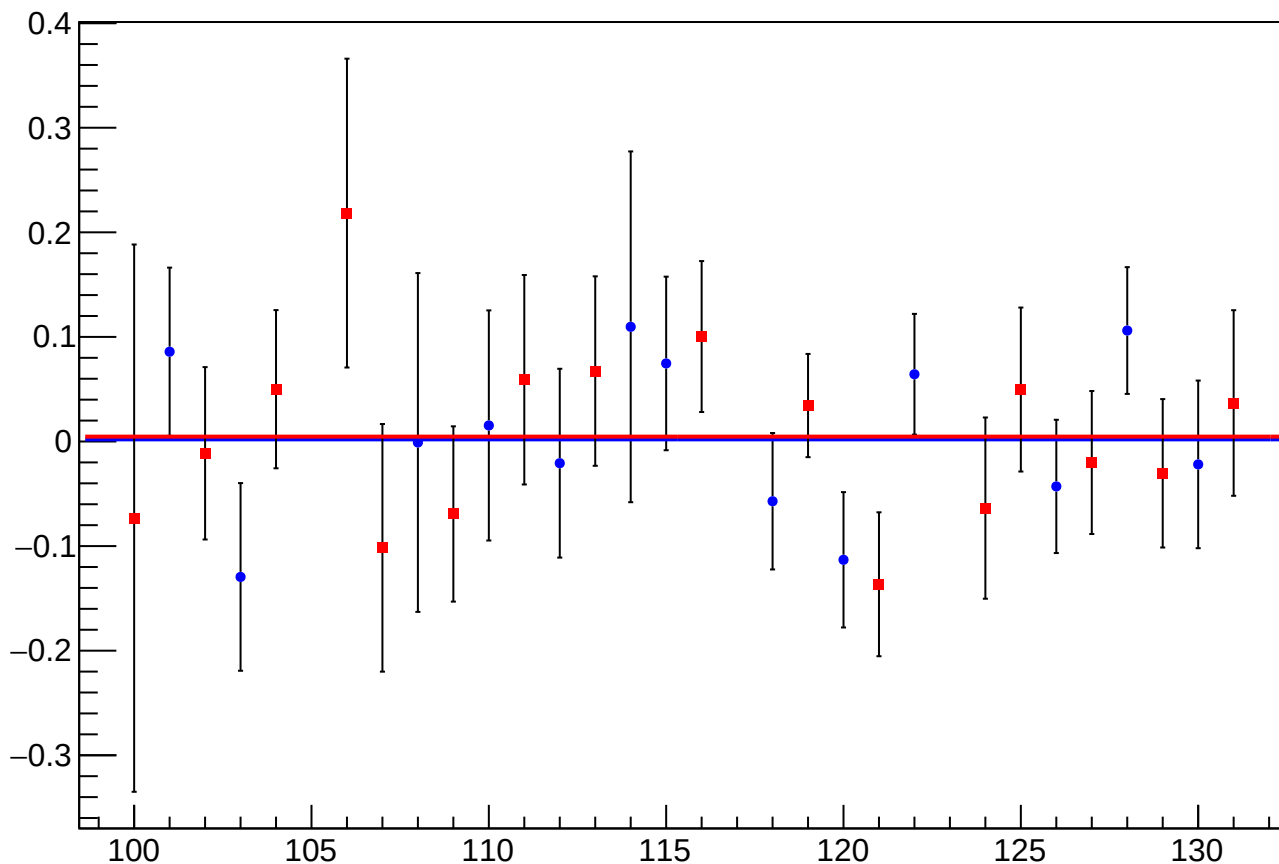
Right: 48.301+/-0.010 χ^2/NDF : 1352515.8/28

In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.301+/-0.010 χ^2/NDF : 1352515.8/28

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.020 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

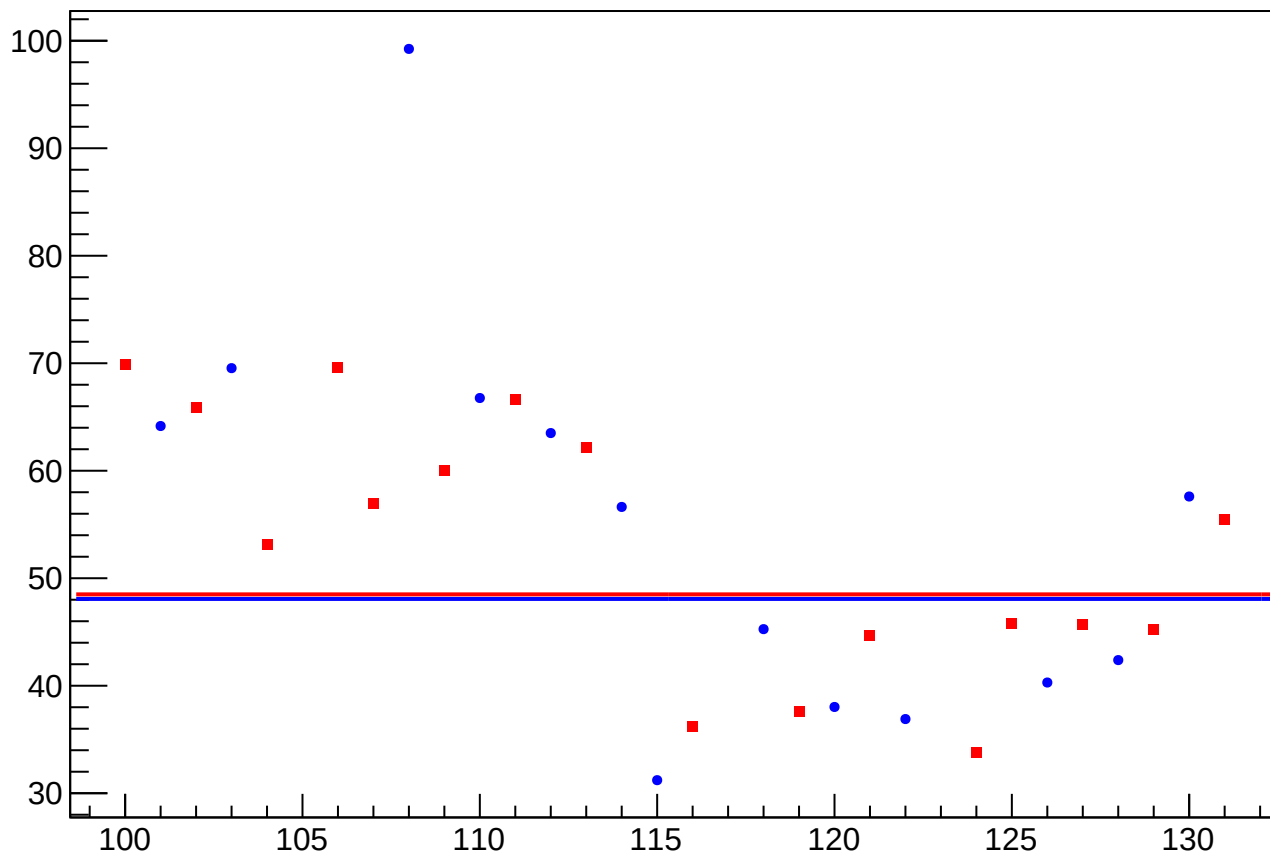
Right: 0.003+/-0.015 χ^2/NDF : 25.9/28

In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.015 χ^2/NDF : 25.9/28

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.499+/-0.014 χ^2/NDF : 551424.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

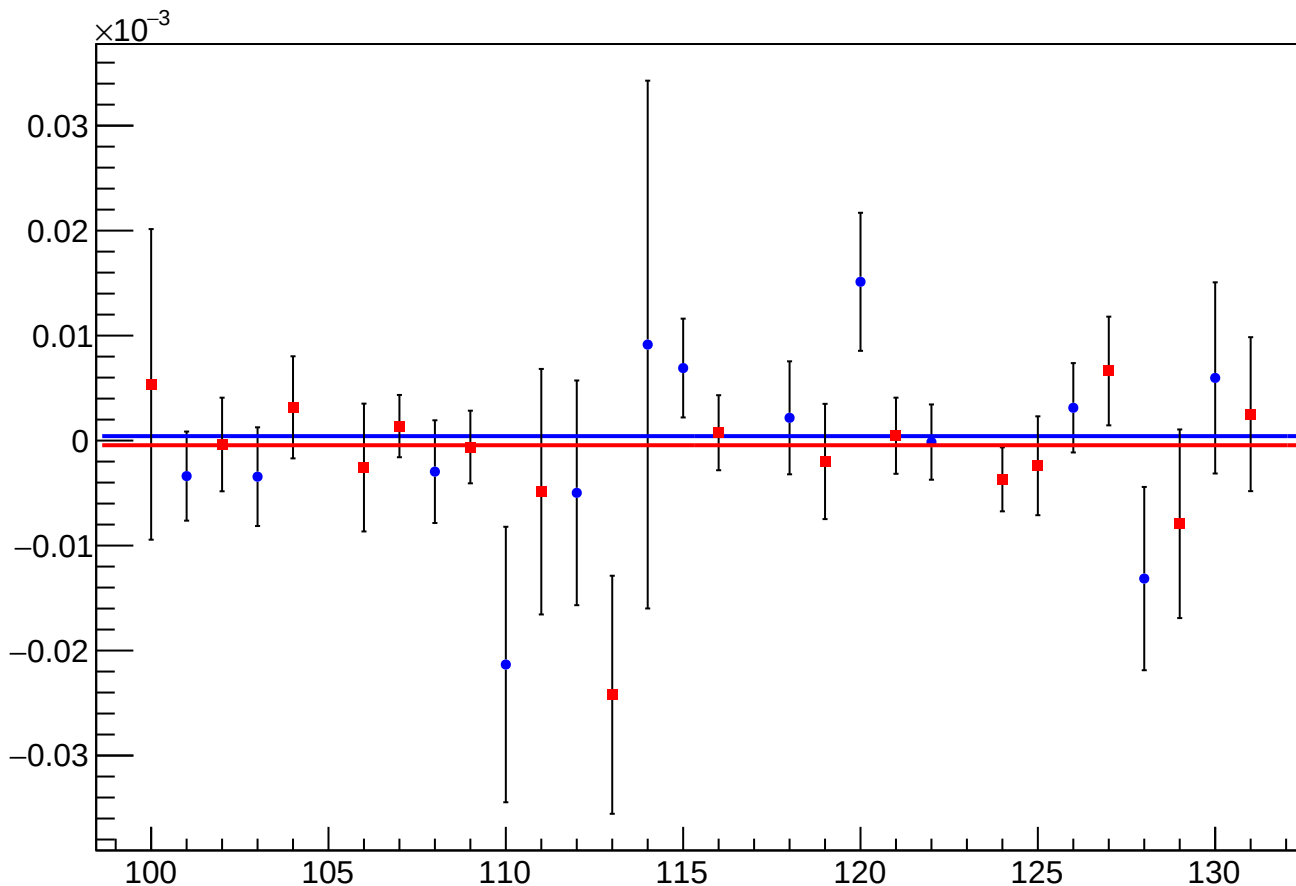
Right: 48.301+/-0.010 χ^2/NDF : 1352515.8/28

In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.301+/-0.010 χ^2/NDF : 1352515.8/28

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

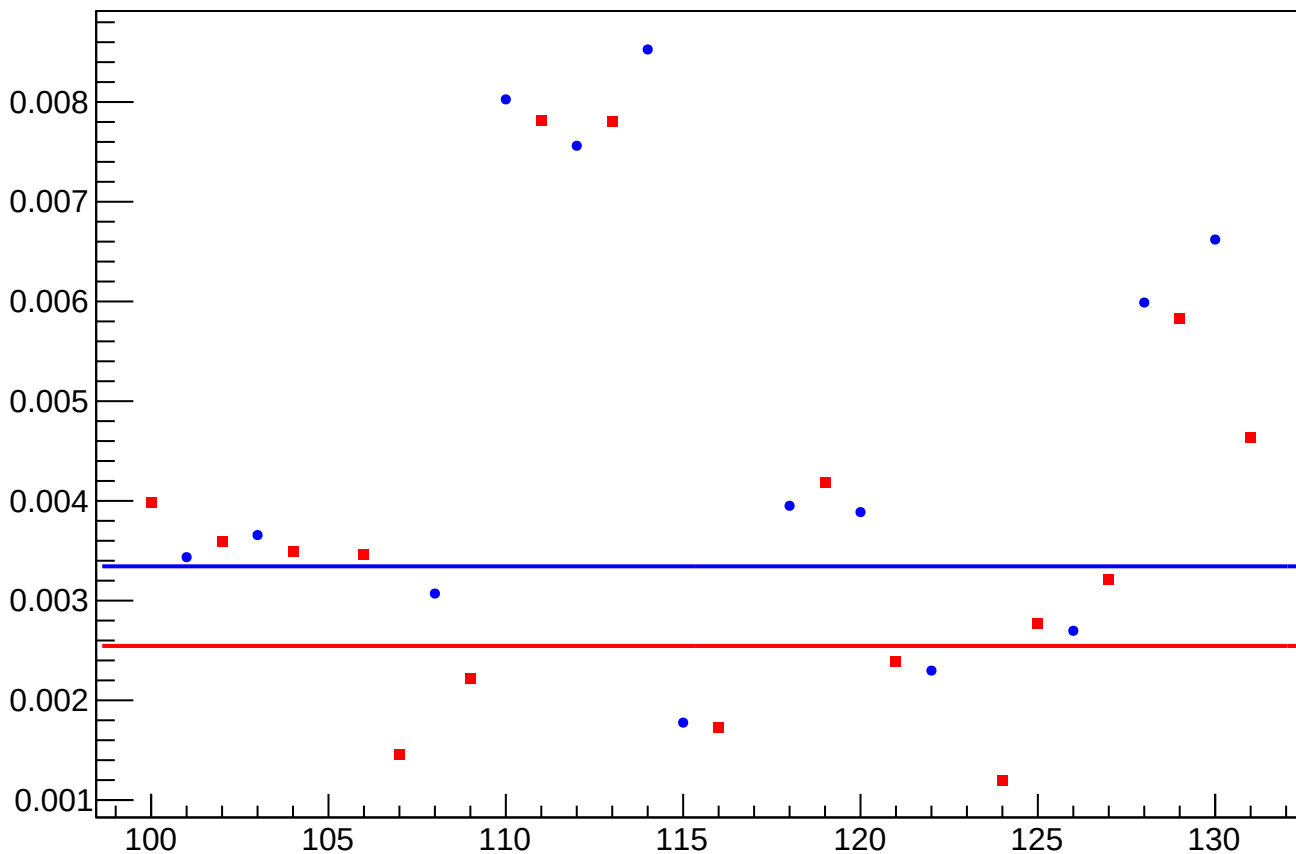
Right: -0.000+/-0.000 χ^2/NDF : 25.5/28

In: 0.000+/-0.000 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/28

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1586579.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2520263.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

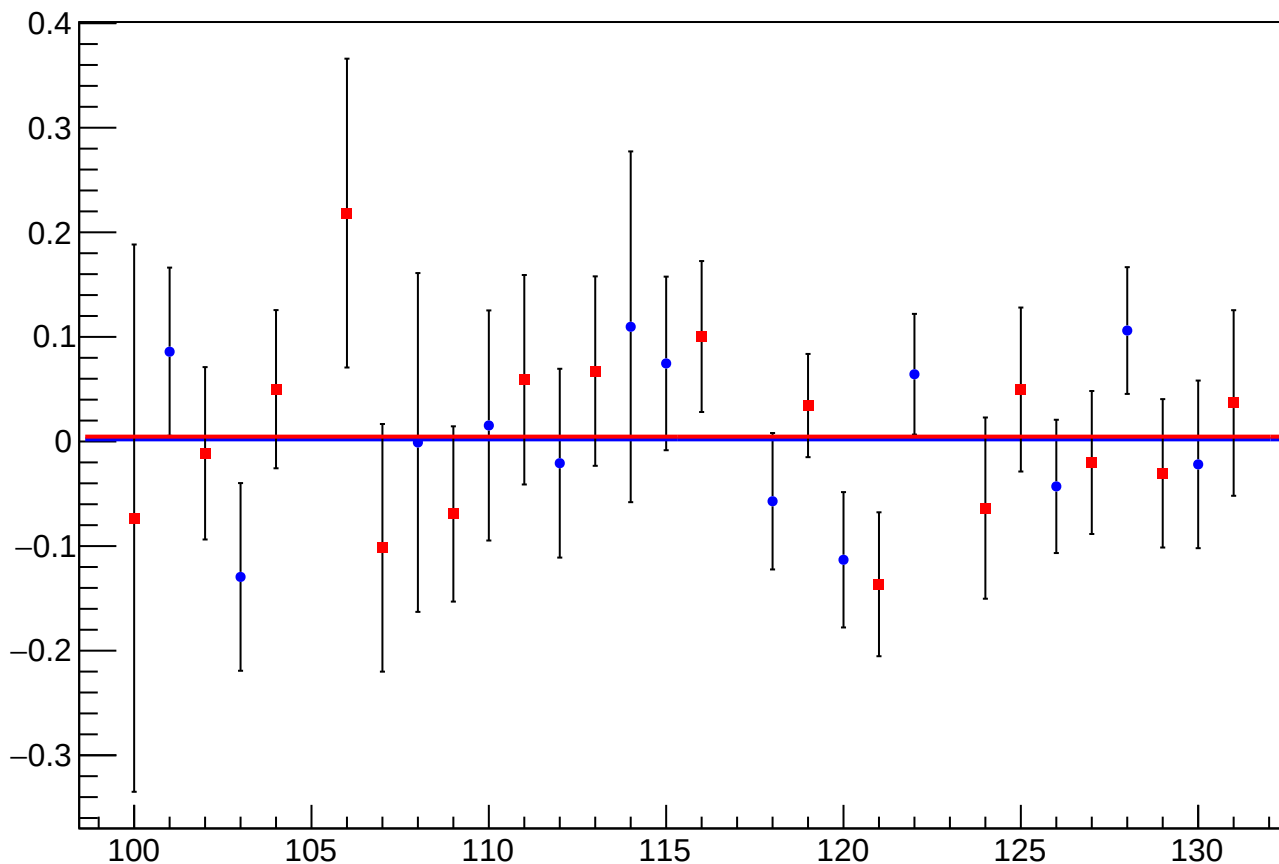
Right: 0.003+/-0.000 χ^2/NDF : 4449317.3/28

In: 0.003+/-0.000 χ^2/NDF : 1586579.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4449317.3/28

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

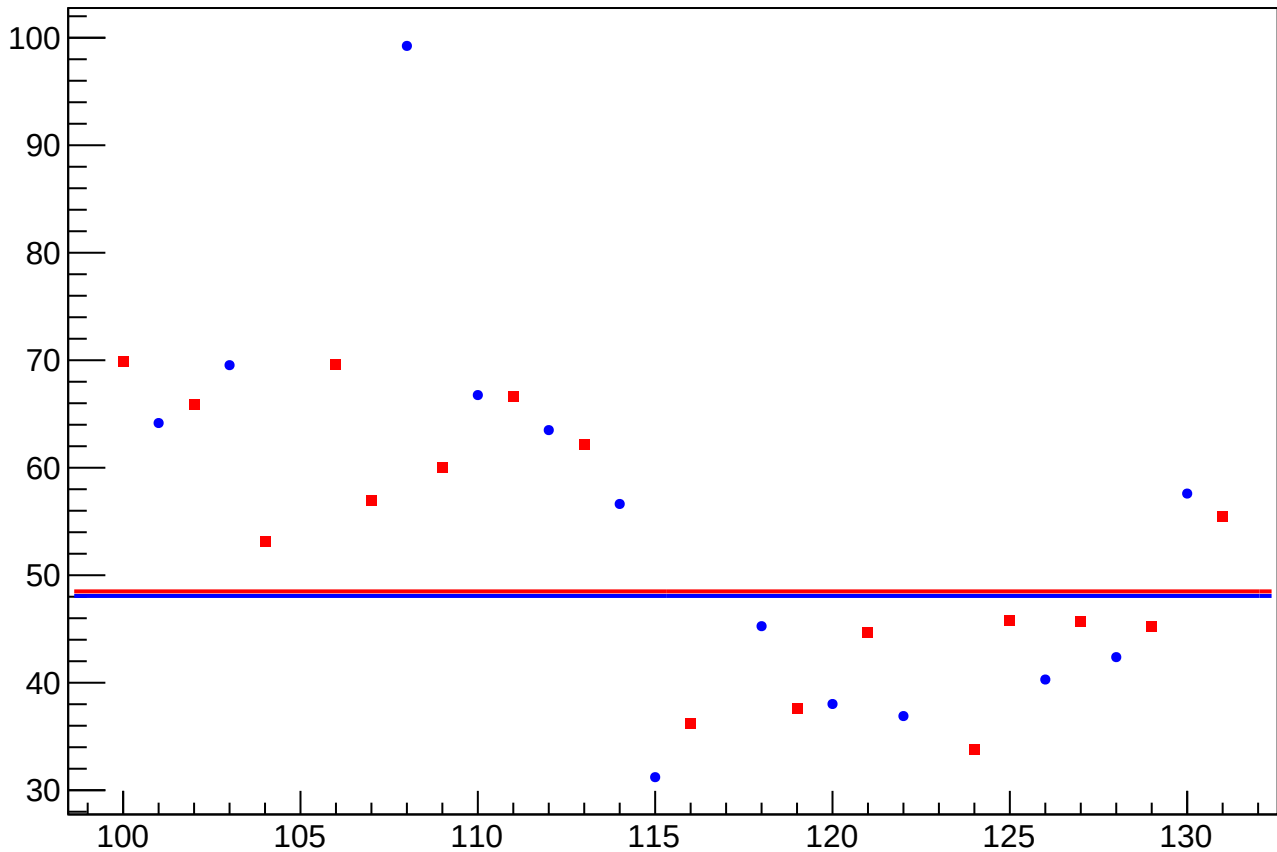
Right: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.9/28

In: 0.002 $\pm$ 0.022 χ^2 /NDF:13.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.9/28

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.497+/-0.014 χ^2/NDF : 551420.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

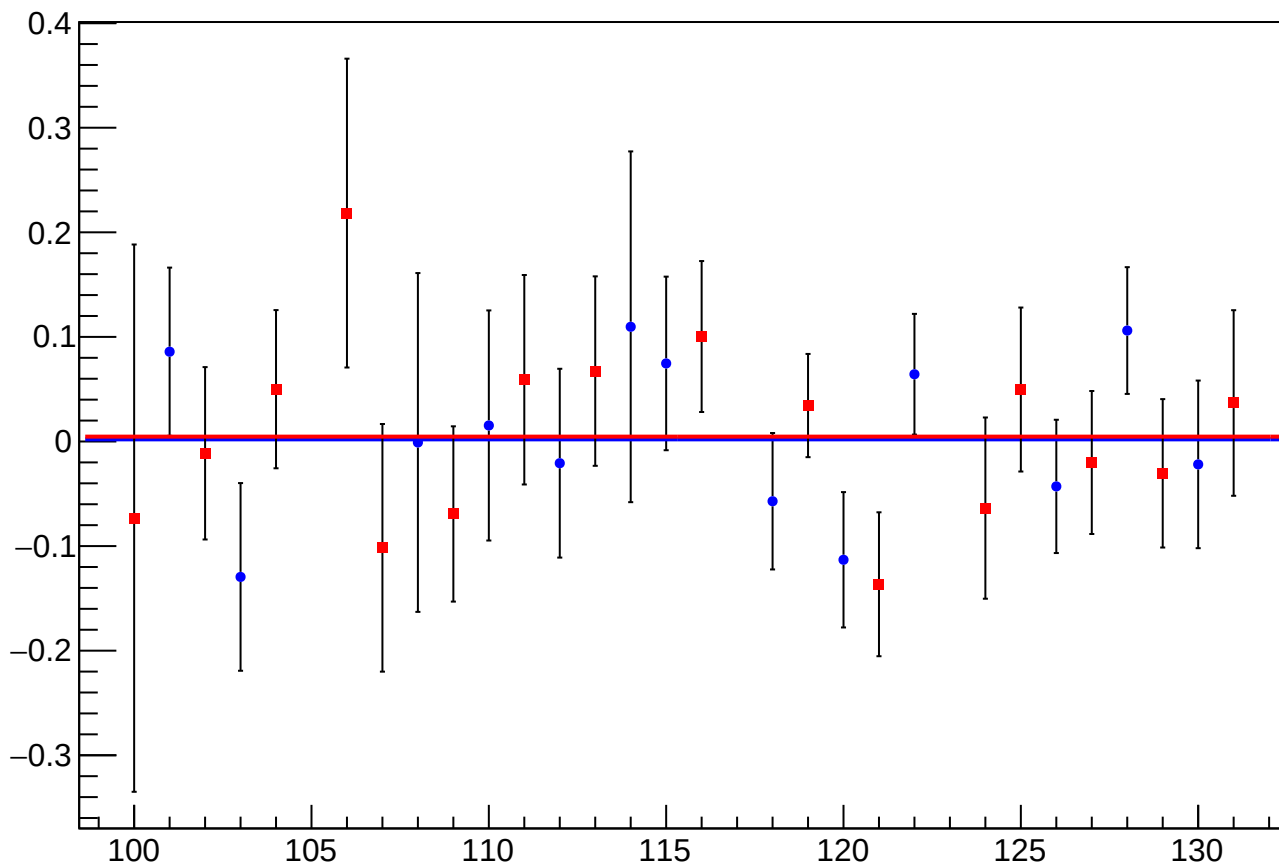
Right: 48.300+/-0.010 χ^2/NDF : 1352492.1/28

In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.300+/-0.010 χ^2/NDF : 1352492.1/28

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

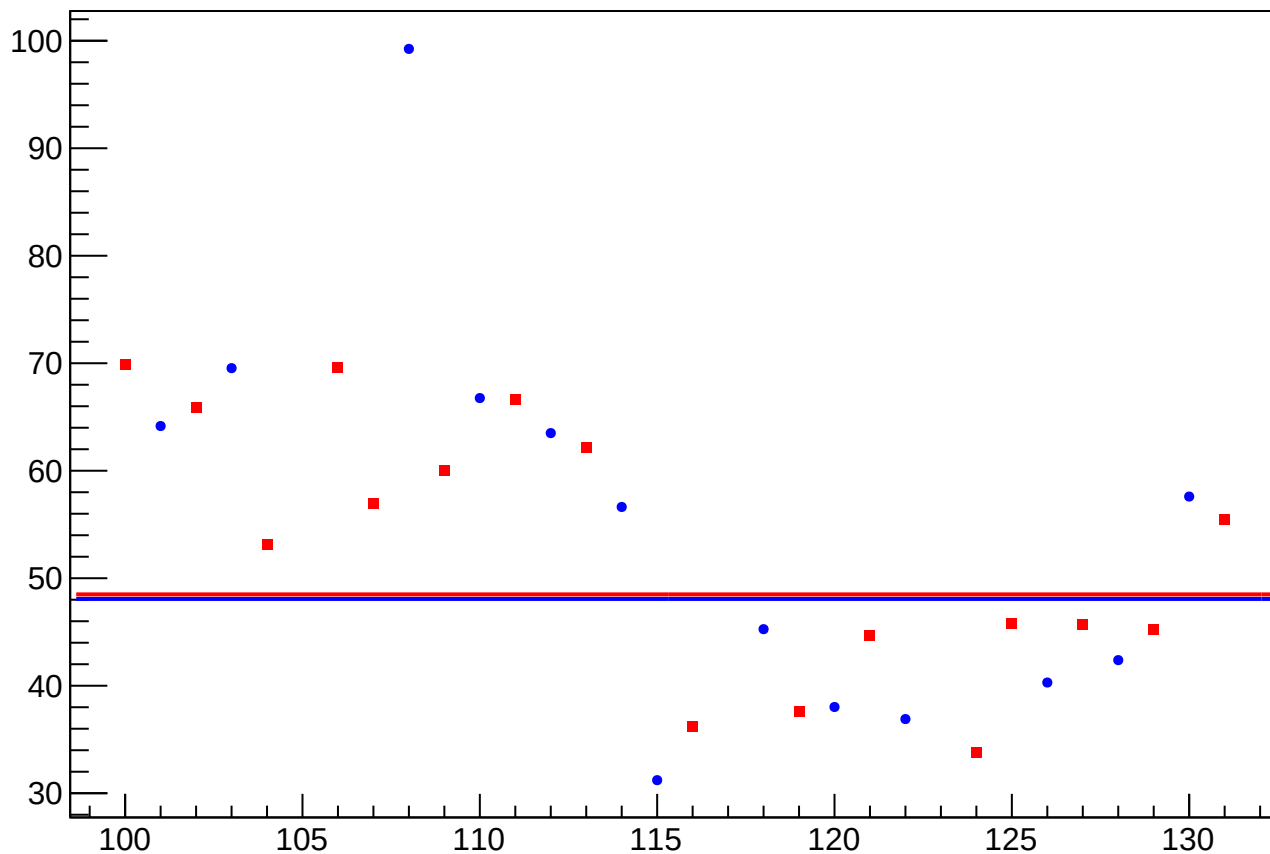
Right: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.9/28

In: 0.002 $\pm$ 0.022 χ^2 /NDF:13.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.9/28

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.497+/-0.014 χ^2/NDF : 551420.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

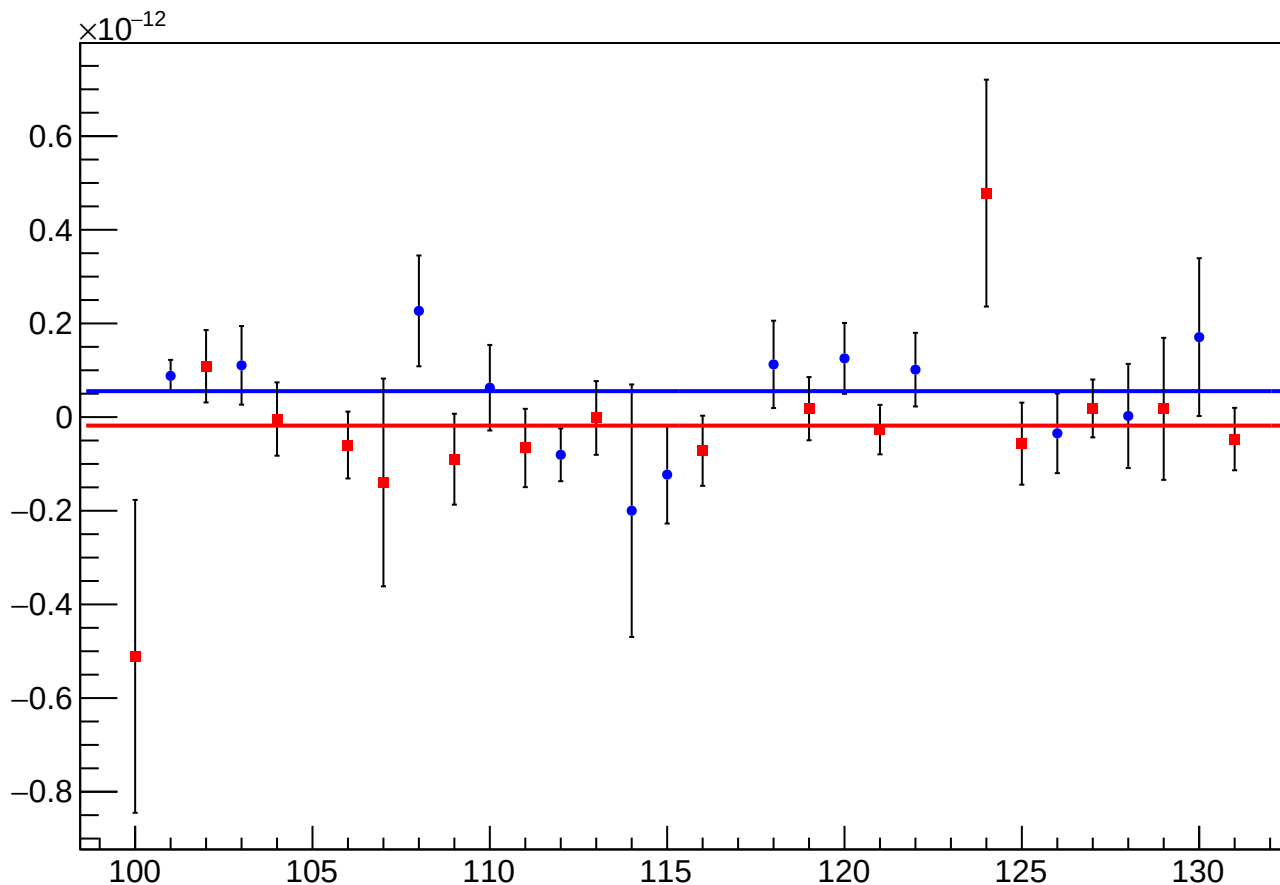
Right: 48.300+/-0.010 χ^2/NDF : 1352492.1/28

In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.300+/-0.010 χ^2/NDF : 1352492.1/28

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/12

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

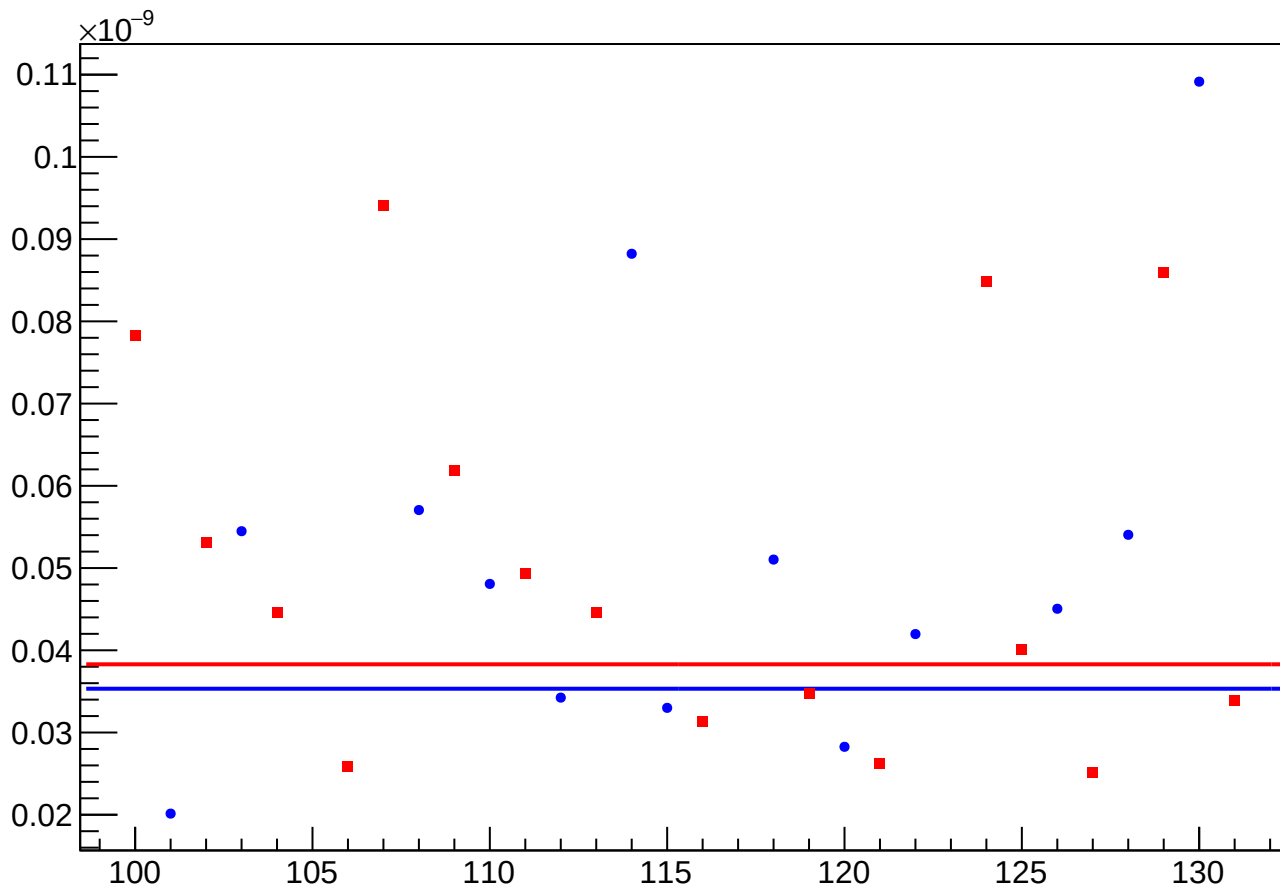
Right: 0.000+/-0.000 χ^2/NDF : 35.1/28

In: 0.000+/-0.000 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.1/28

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1241385.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 965754.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

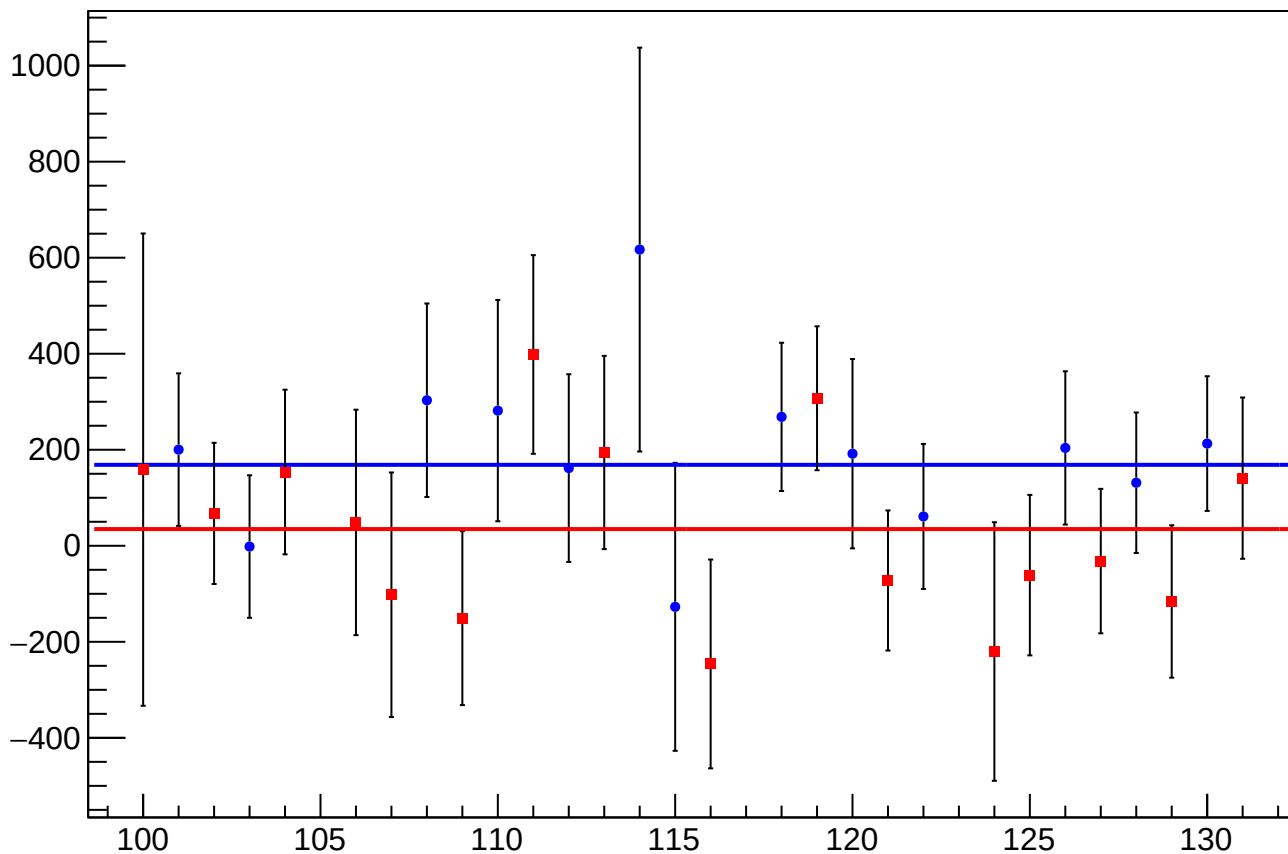
Right: 0.000+/-0.000 χ^2/NDF : 2227940.8/28

In: 0.000+/-0.000 χ^2/NDF : 1241385.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2227940.8/28

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 168.597 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.852 $\pm$ 45.736 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

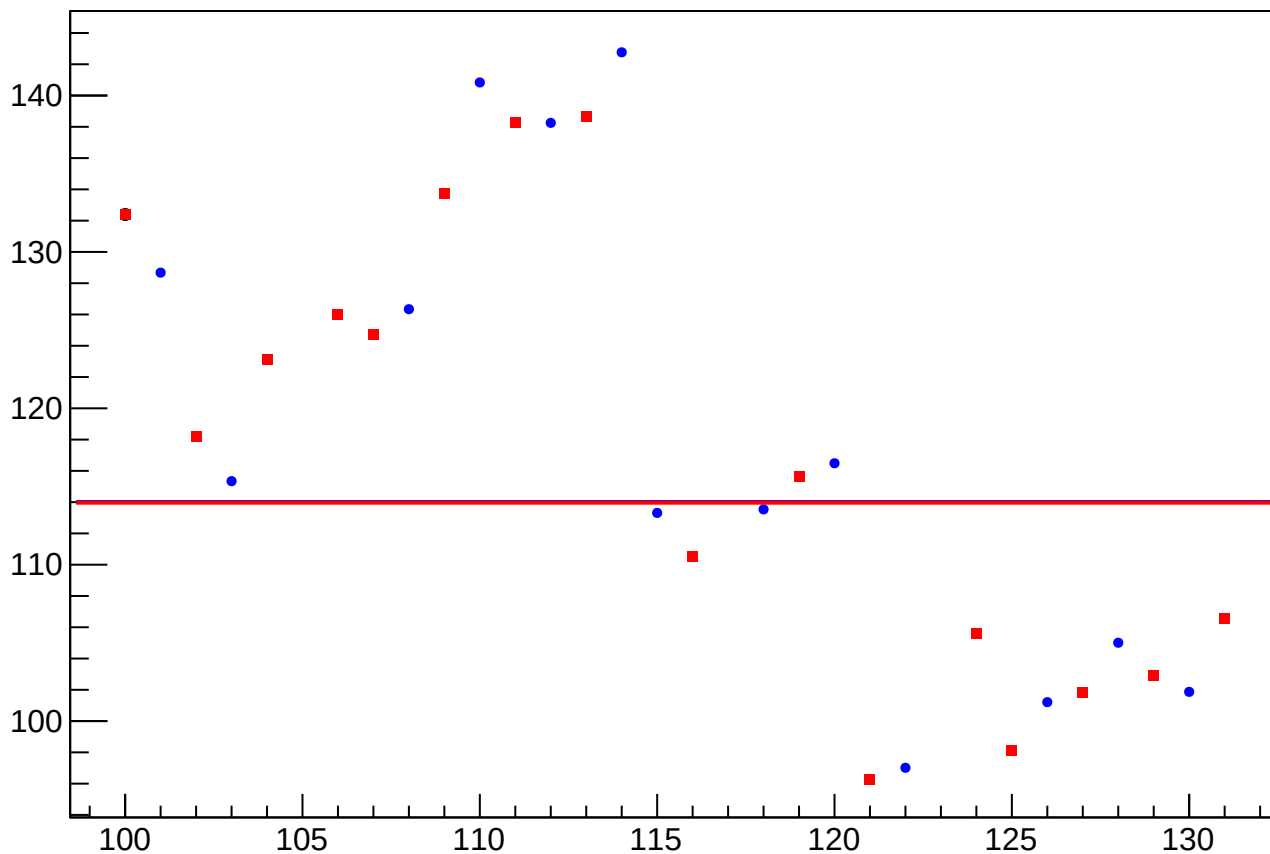
Right: 97.380 $\pm$ 33.374 χ^2 /NDF: 23.2/28

In: 168.597 $\pm$ 48.810 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.380 $\pm$ 33.374 χ^2 /NDF: 23.2/28

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.967 $\pm$ 0.032 χ^2 /NDF: 177196.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

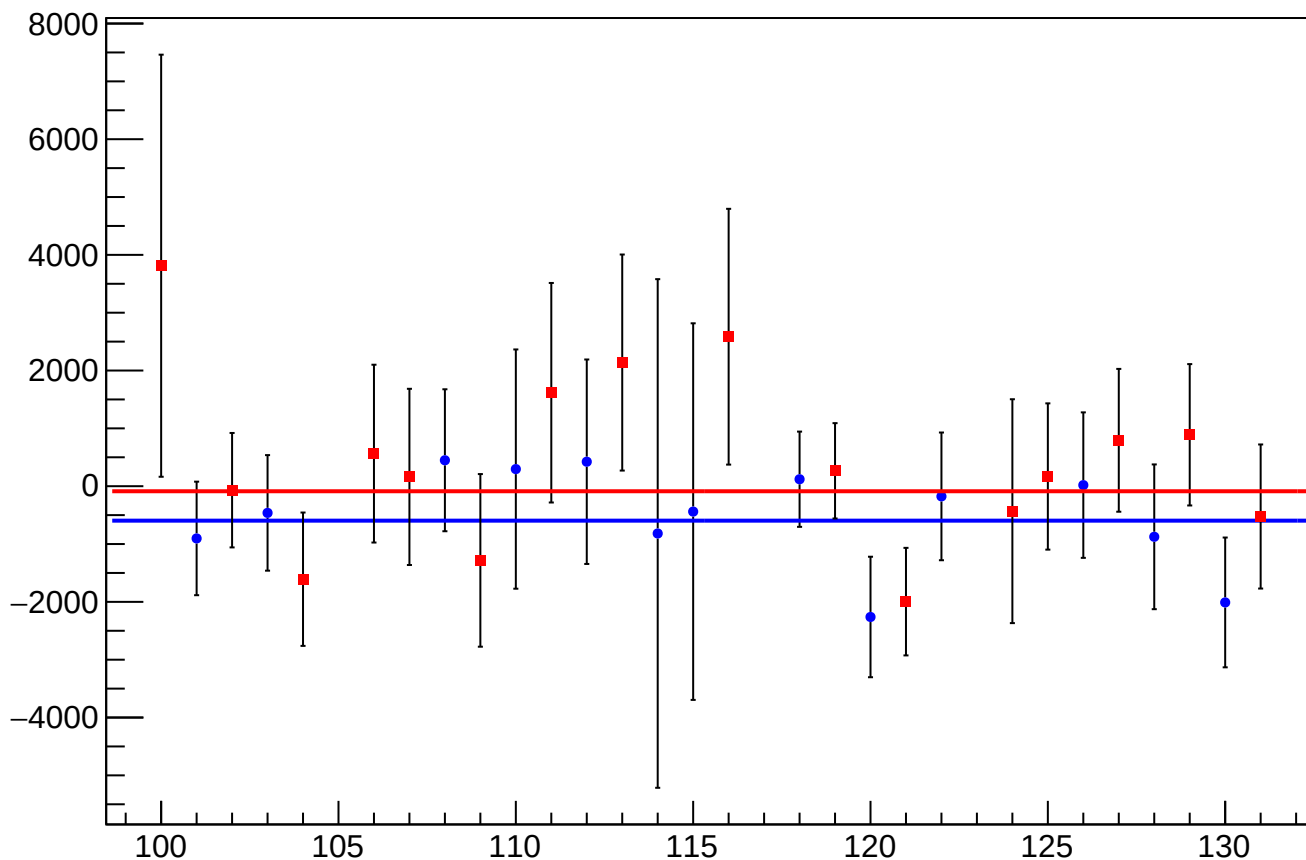
Right: 113.985 $\pm$ 0.024 χ^2 /NDF: 330171.5/28

In: 114.007 $\pm$ 0.035 χ^2 /NDF:152974.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.985 $\pm$ 0.024 χ^2 /NDF: 330171.5/28

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -595.758+/-339.340 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.331+/-325.970 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

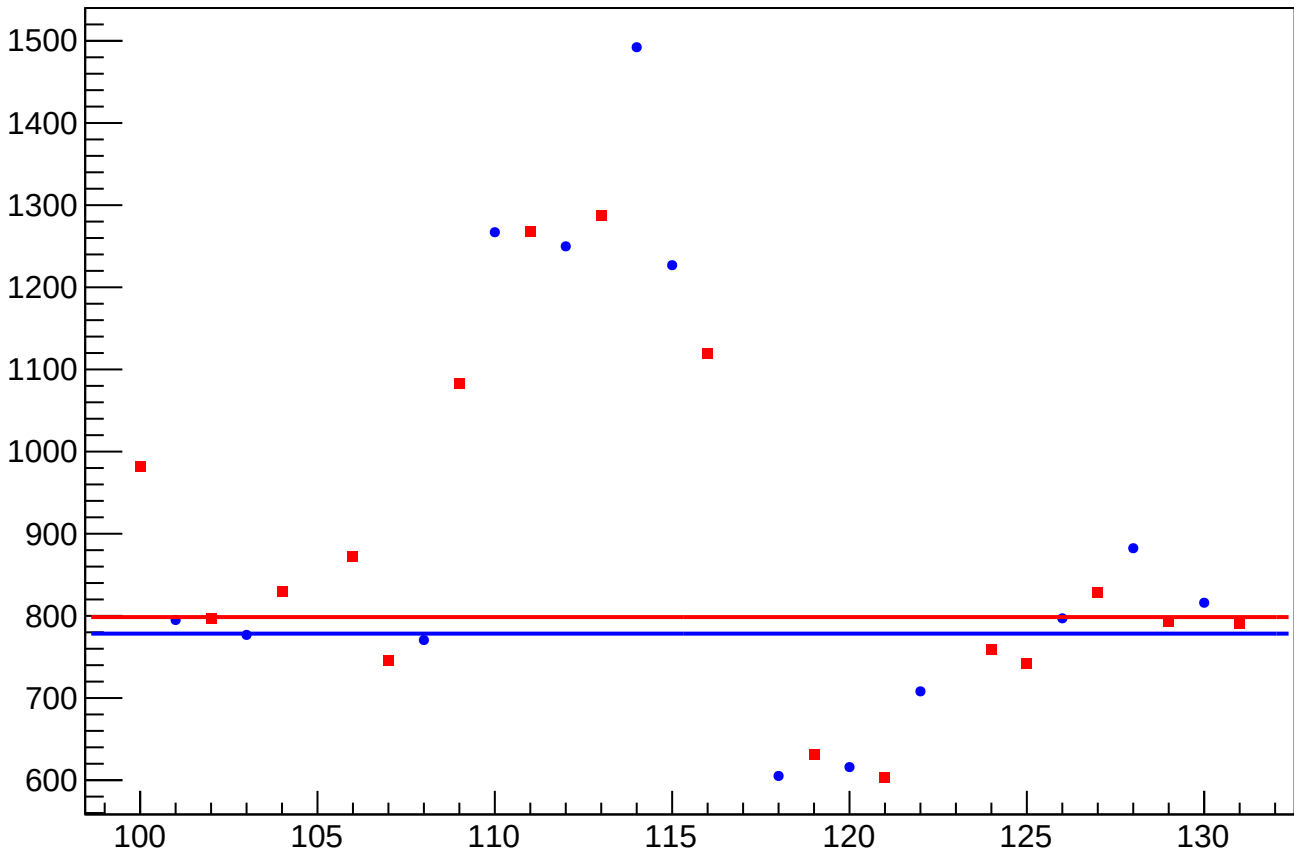
Right: -331.330+/-235.080 χ^2/NDF : 21.0/28

In: -595.758+/-339.340 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.330+/-235.080 χ^2/NDF : 21.0/28

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 778.398+/-0.240 χ^2/NDF : 506963.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.547+/-0.230 χ^2/NDF : 564245.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

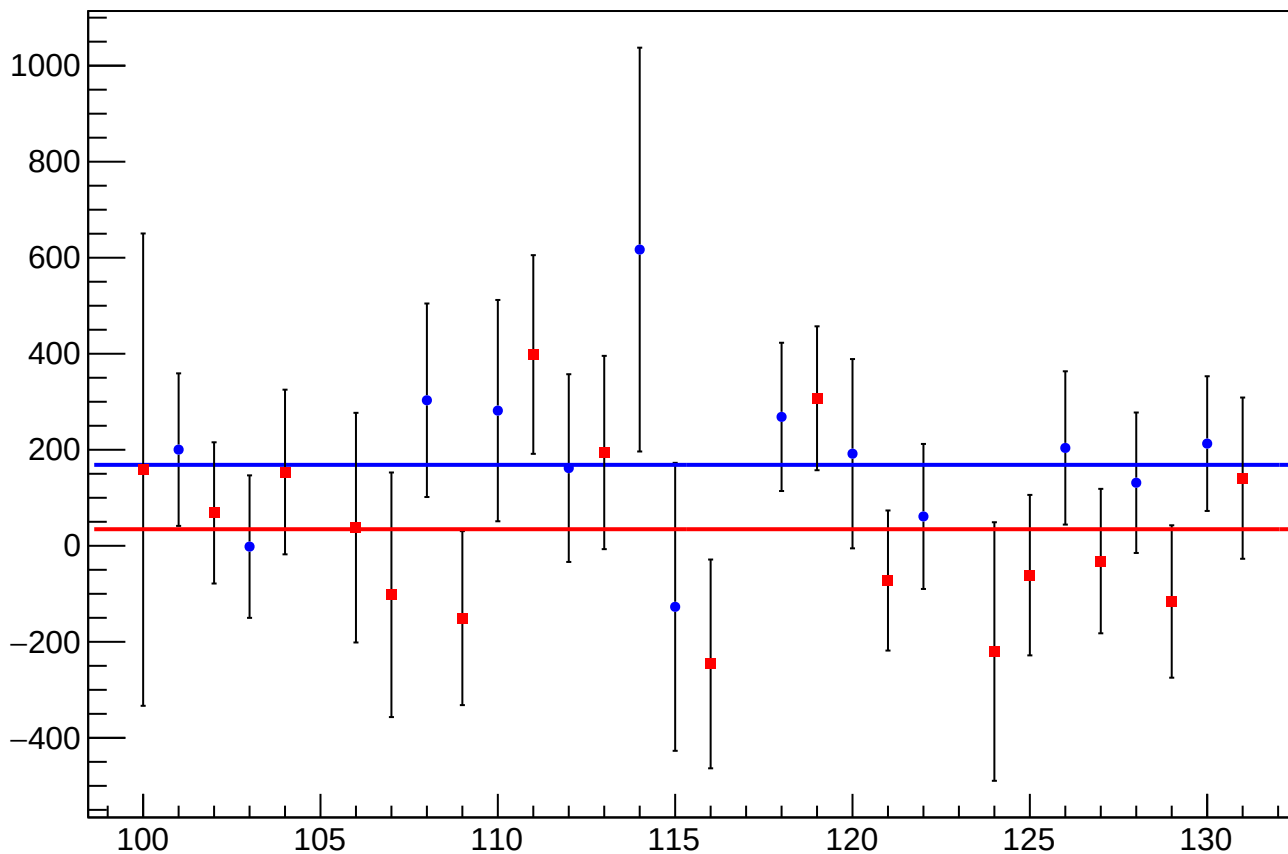
Right: 788.877+/-0.166 χ^2/NDF : 1074876.4/28

In: 778.398+/-0.240 χ^2/NDF : 506963.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.877+/-0.166 χ^2/NDF : 1074876.4/28

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 168.590 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.542 $\pm$ 45.769 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

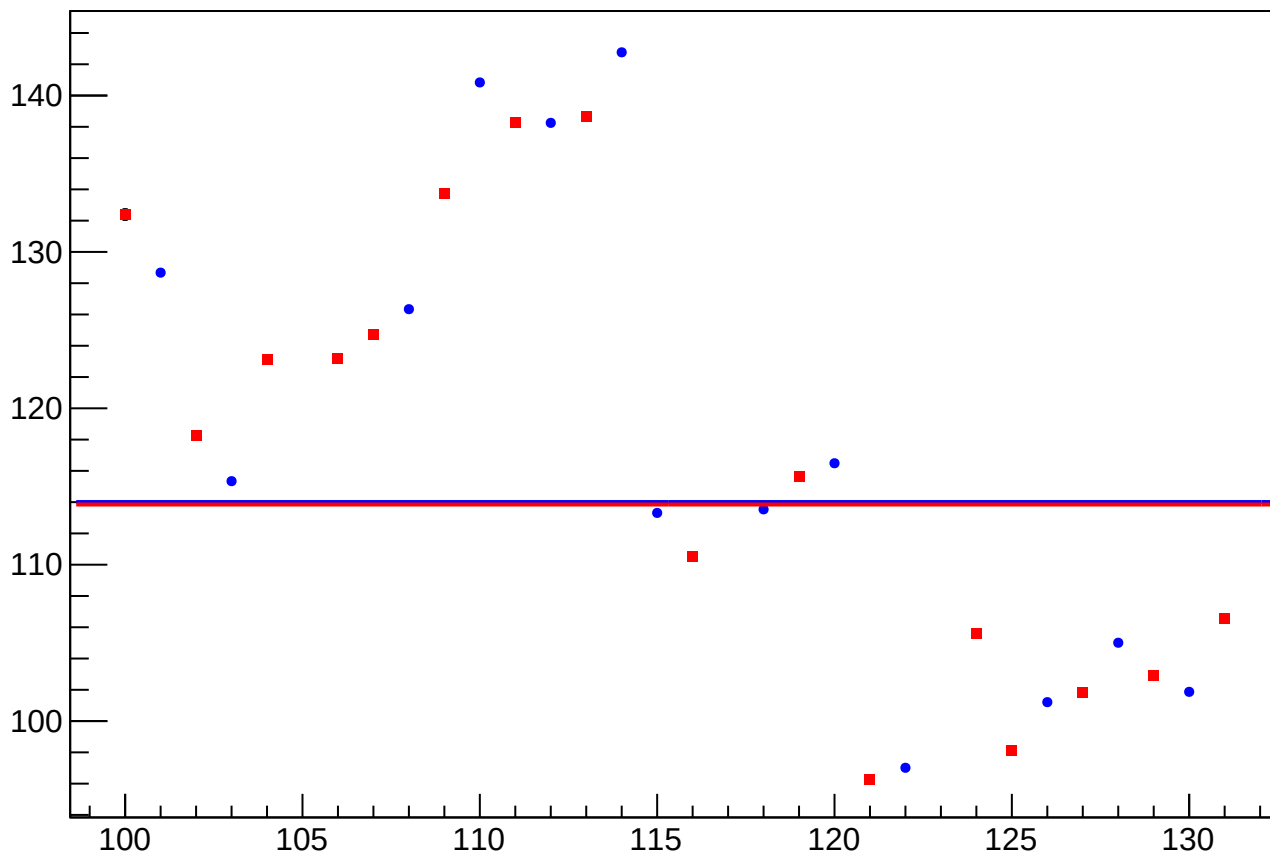
Right: 97.260 $\pm$ 33.387 χ^2 /NDF: 23.2/28

In: 168.590 $\pm$ 48.810 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.260 $\pm$ 33.387 χ^2 /NDF: 23.2/28

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.849 $\pm$ 0.032 χ^2 /NDF: 174908.8/15

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

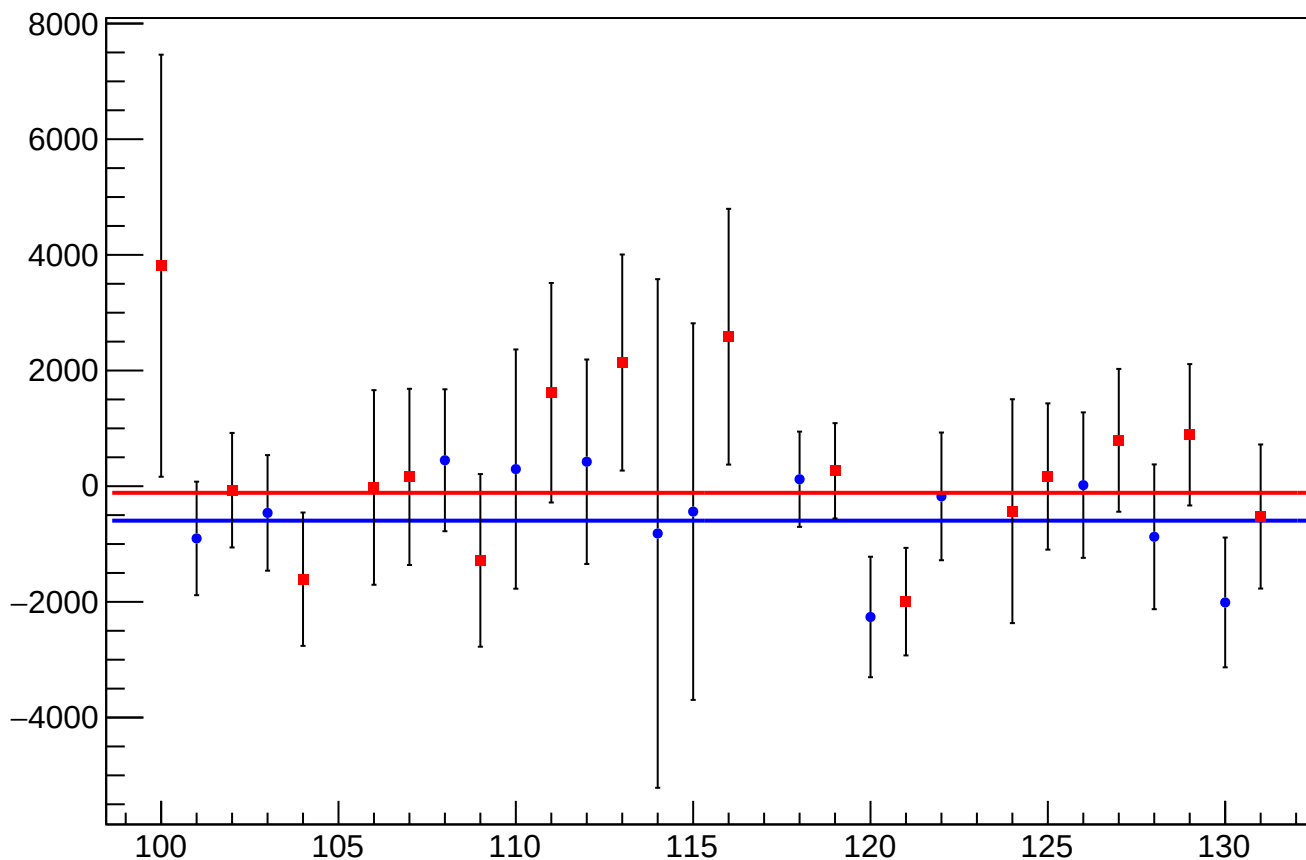
Right: 113.923 $\pm$ 0.024 χ^2 /NDF: 327894.4/28

In: 114.007 $\pm$ 0.035 χ^2 /NDF:152974.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.923 $\pm$ 0.024 χ^2 /NDF: 327894.4/28

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.271+/-327.209 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

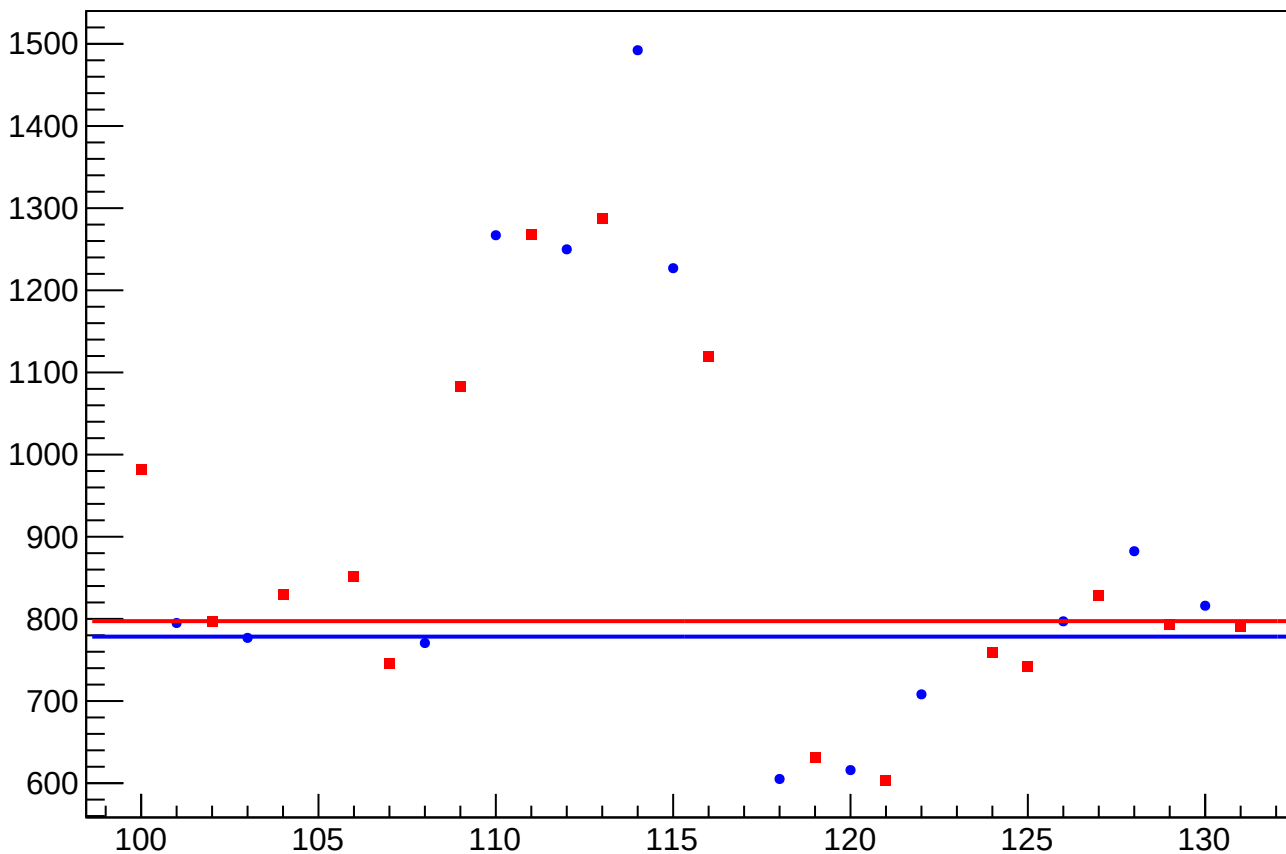
Right: -346.243+/-235.544 χ^2/NDF : 20.7/28

In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.243+/-235.544 χ^2/NDF : 20.7/28

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 797.258+/-0.231 χ^2/NDF : 561562.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

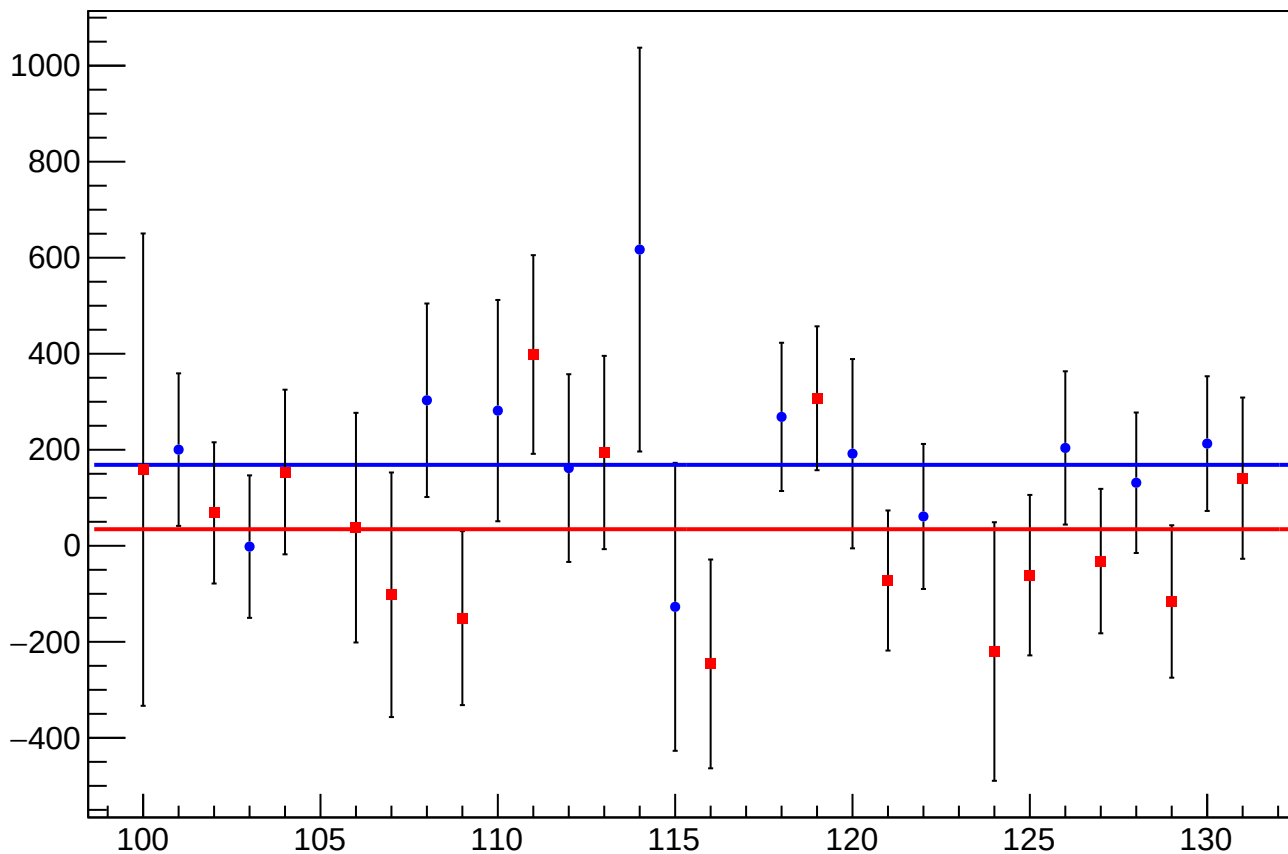
Right: 788.172+/-0.167 χ^2/NDF : 1071733.0/28

In: 778.399+/-0.240 χ^2/NDF :506969.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 788.172+/-0.167 χ^2/NDF : 1071733.0/28

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 168.590 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.542 $\pm$ 45.769 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

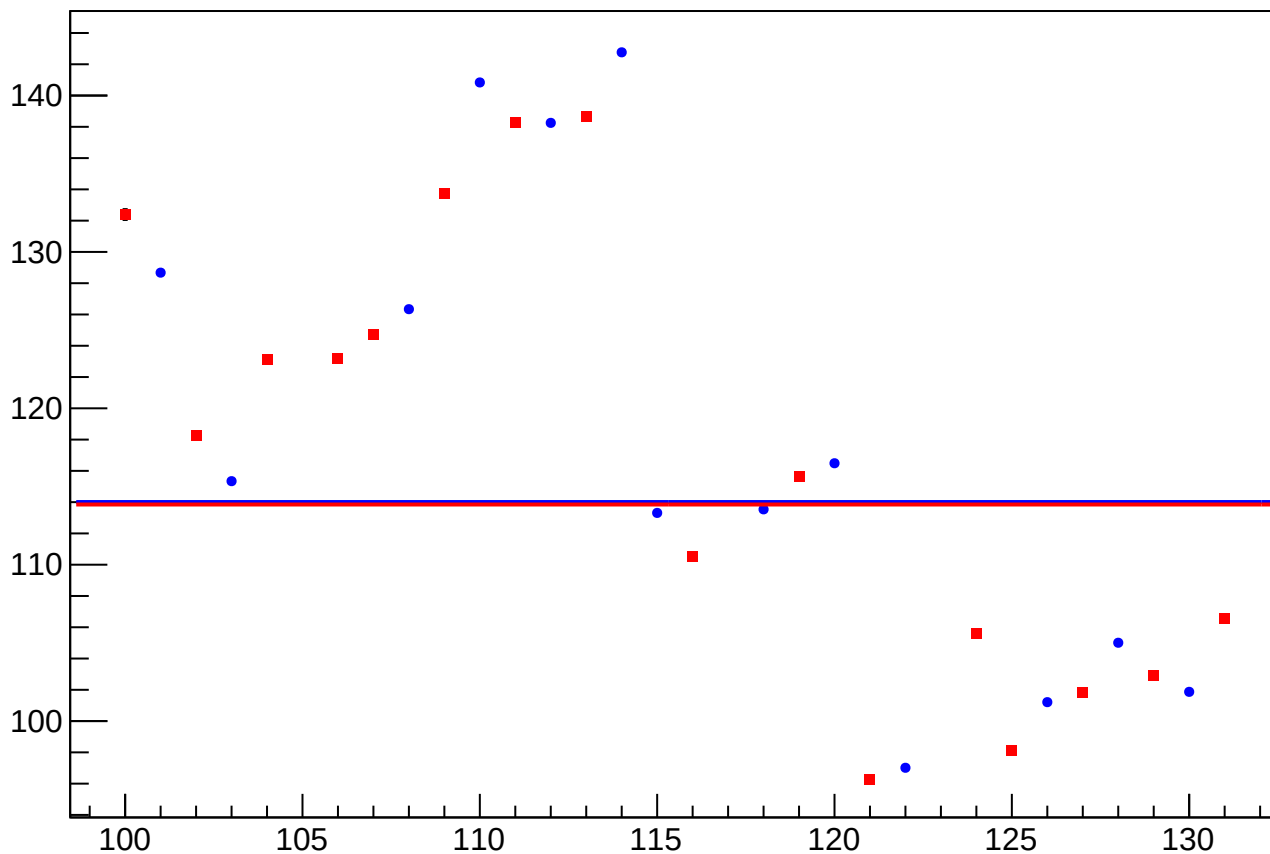
Right: 97.260 $\pm$ 33.387 χ^2 /NDF: 23.2/28

In: 168.590 $\pm$ 48.810 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.260 $\pm$ 33.387 χ^2 /NDF: 23.2/28

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.849 $\pm$ 0.032 χ^2 /NDF: 174908.8/15

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

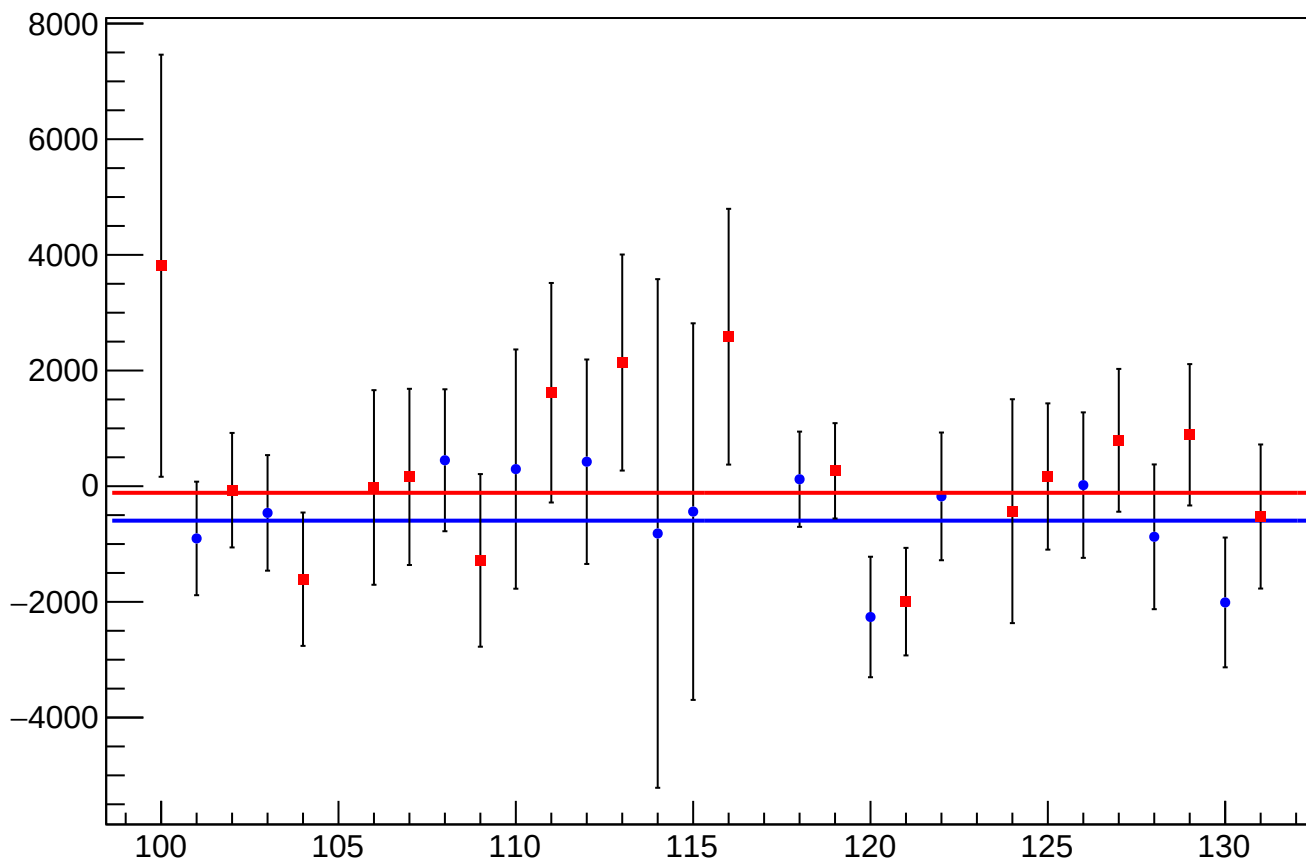
Right: 113.923 $\pm$ 0.024 χ^2 /NDF: 327894.4/28

In: 114.007 $\pm$ 0.035 χ^2 /NDF:152974.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.923 $\pm$ 0.024 χ^2 /NDF: 327894.4/28

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.271+/-327.209 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

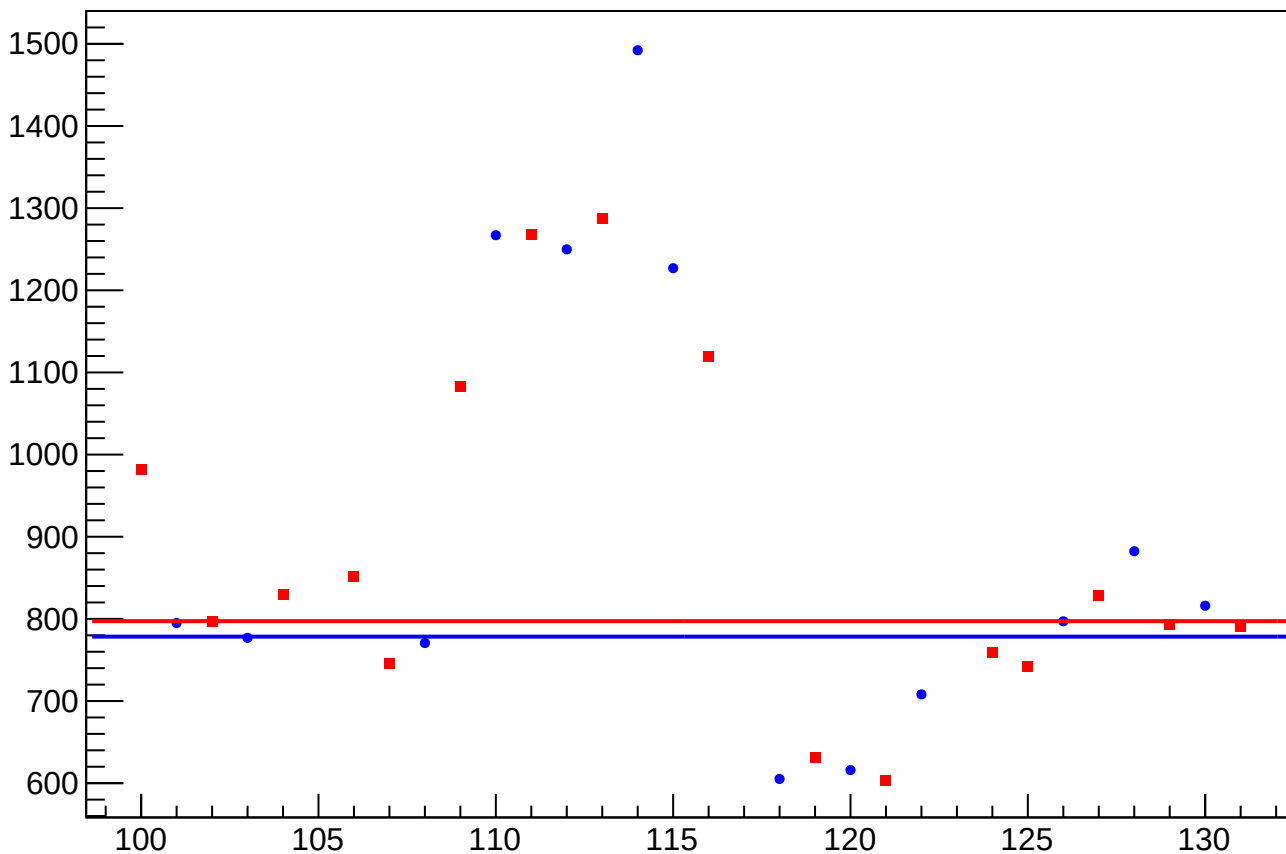
Right: -346.243+/-235.544 χ^2/NDF : 20.7/28

In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.243+/-235.544 χ^2/NDF : 20.7/28

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.258+/-0.231 χ^2/NDF : 561562.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

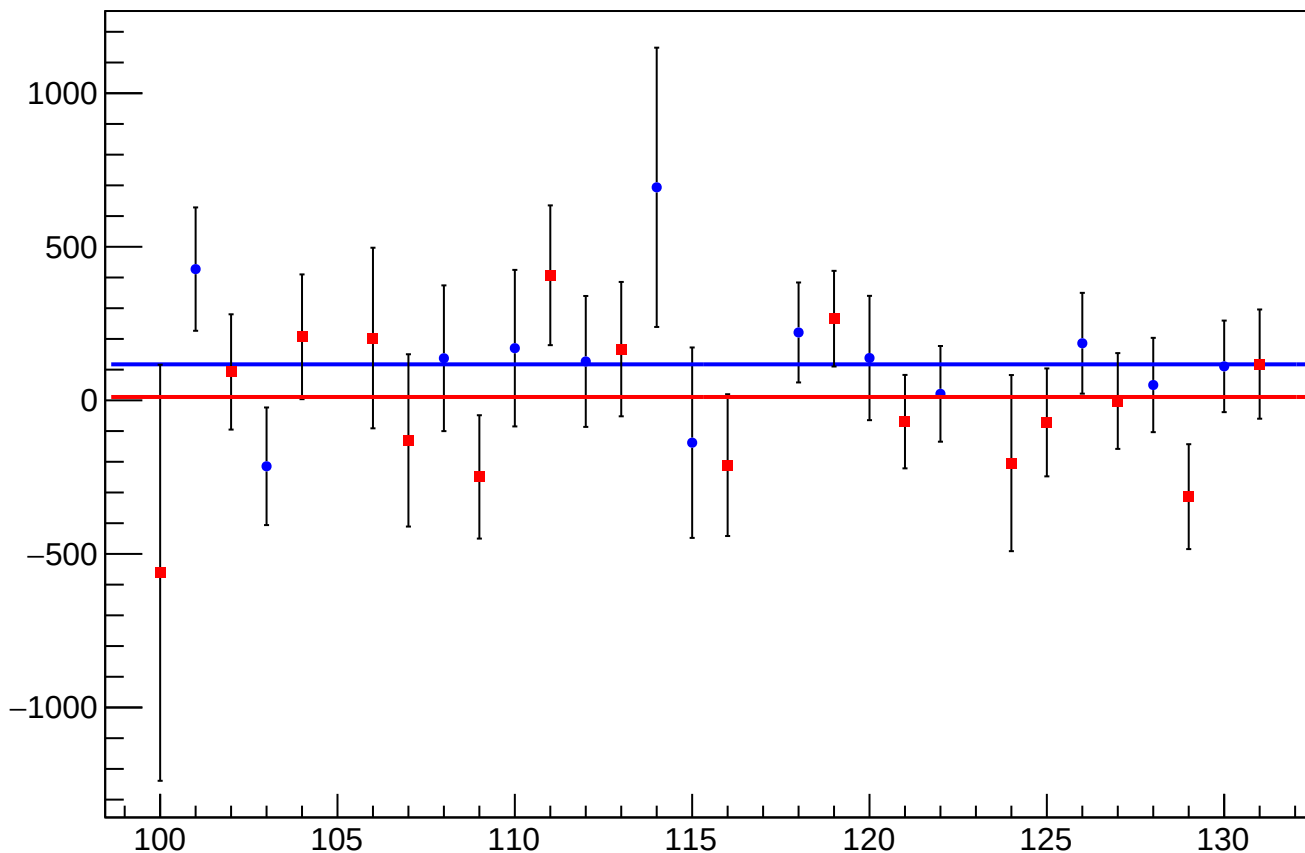
Right: 788.172+/-0.167 χ^2/NDF : 1071733.0/28

In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.172+/-0.167 χ^2/NDF : 1071733.0/28

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 117.270 $\pm$ 53.419 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.976 $\pm$ 50.069 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

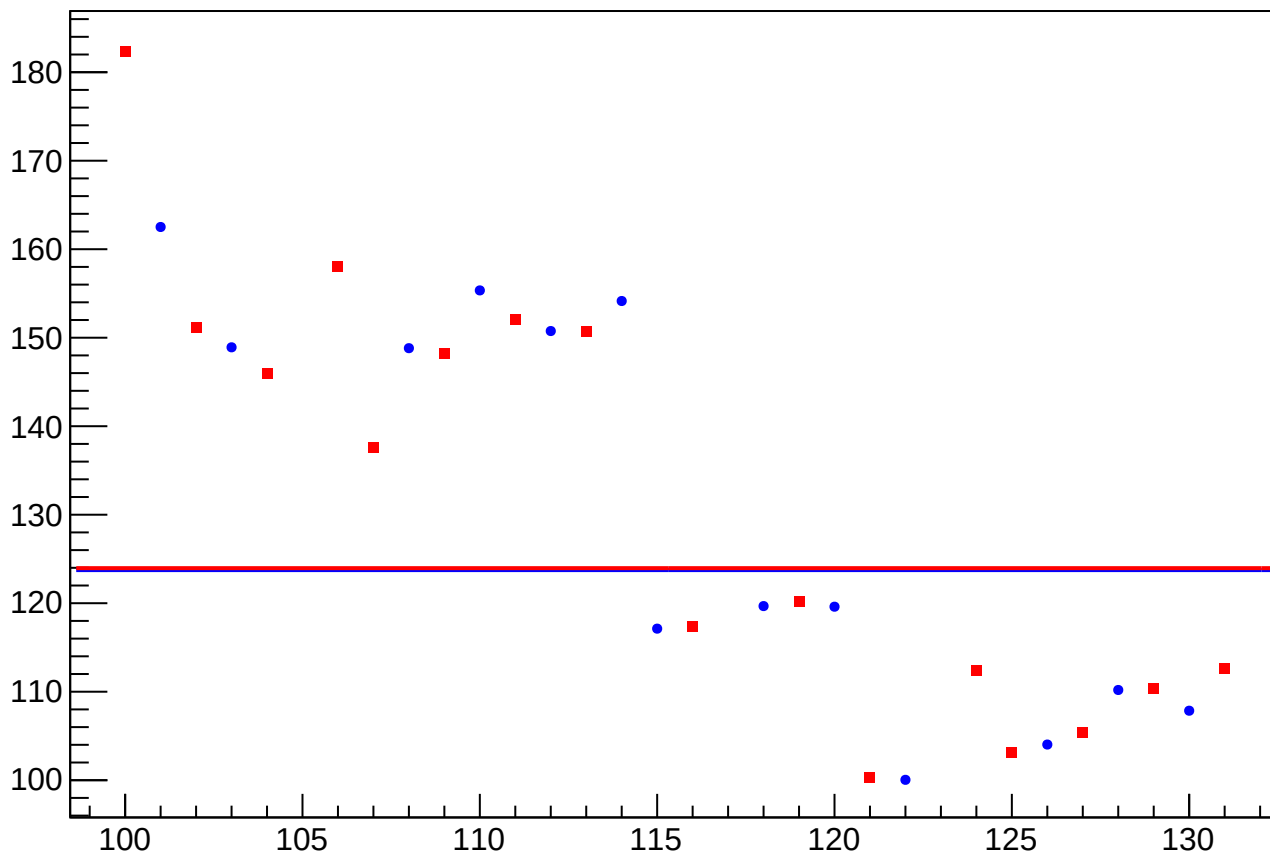
Right: 60.685 $\pm$ 36.531 χ^2 /NDF: 27.4/28

In: 117.270 $\pm$ 53.419 χ^2 /NDF:8.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.685 $\pm$ 36.531 χ^2 /NDF: 27.4/28

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.742 $\pm$ 0.038 χ^2 /NDF: 319695.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.961 $\pm$ 0.035 χ^2 /NDF: 333027.0/15

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

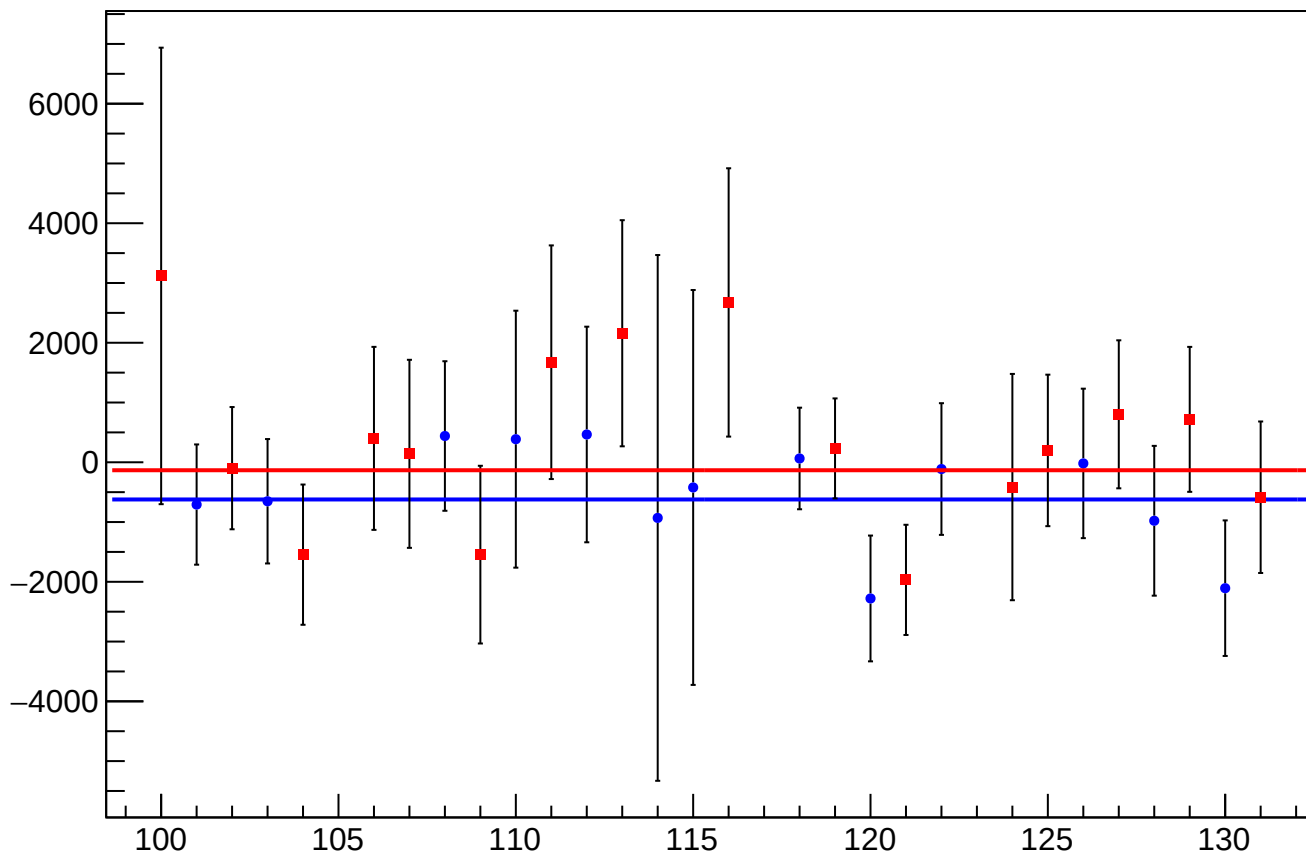
Right: 123.859 $\pm$ 0.026 χ^2 /NDF: 652740.3/28

In: 123.742 $\pm$ 0.038 χ^2 /NDF:319695.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.859 $\pm$ 0.026 χ^2 /NDF: 652740.3/28

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -622.260+/-345.420 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.306+/-329.075 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

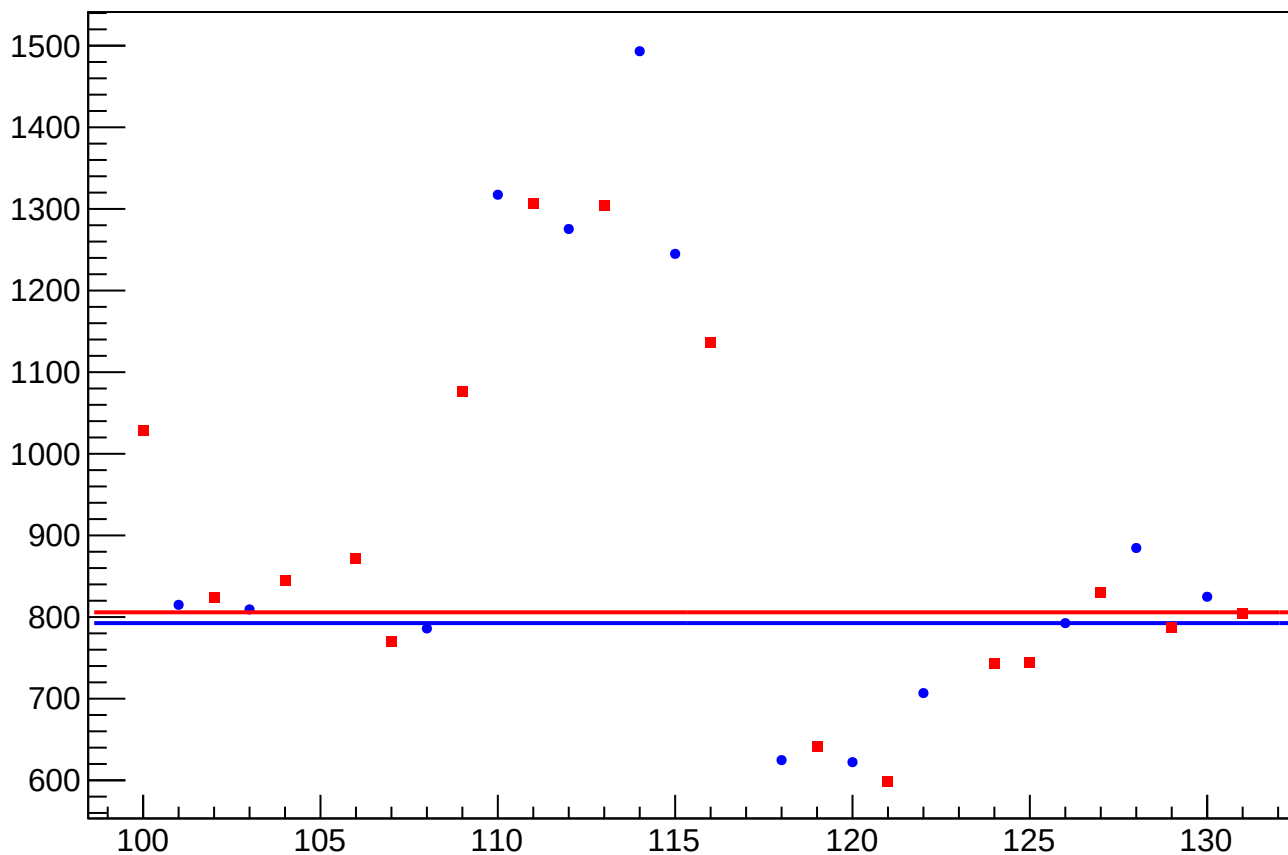
Right: -365.940+/-238.260 χ^2/NDF : 20.3/28

In: -622.260+/-345.420 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.940+/-238.260 χ^2/NDF : 20.3/28

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 792.574+/-0.244 χ^2/NDF : 507169.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.805+/-0.233 χ^2/NDF : 580169.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

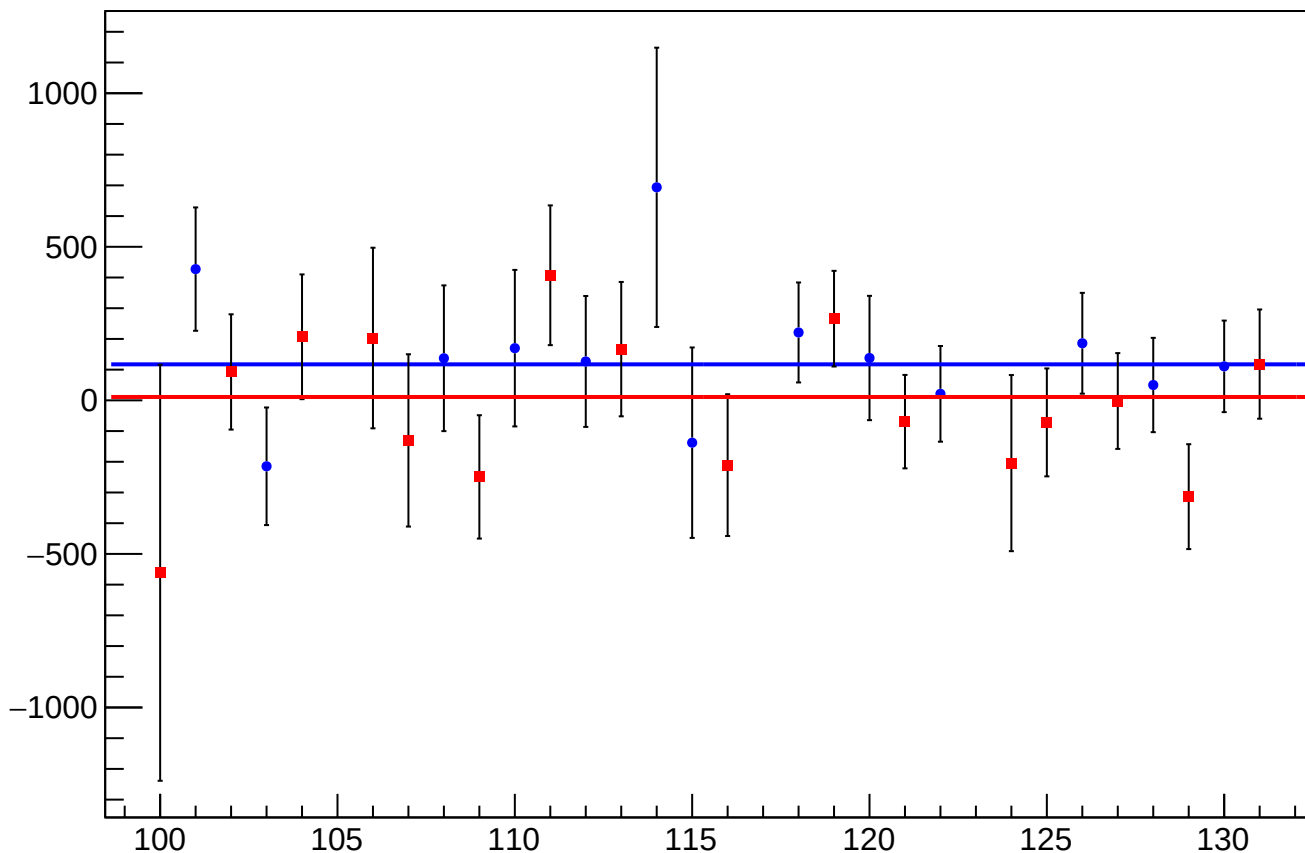
Right: 799.510+/-0.168 χ^2/NDF : 1088877.2/28

In: 792.574+/-0.244 χ^2/NDF : 507169.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.510+/-0.168 χ^2/NDF : 1088877.2/28

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 117.268 $\pm$ 53.419 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 10.976 $\pm$ -50.069 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

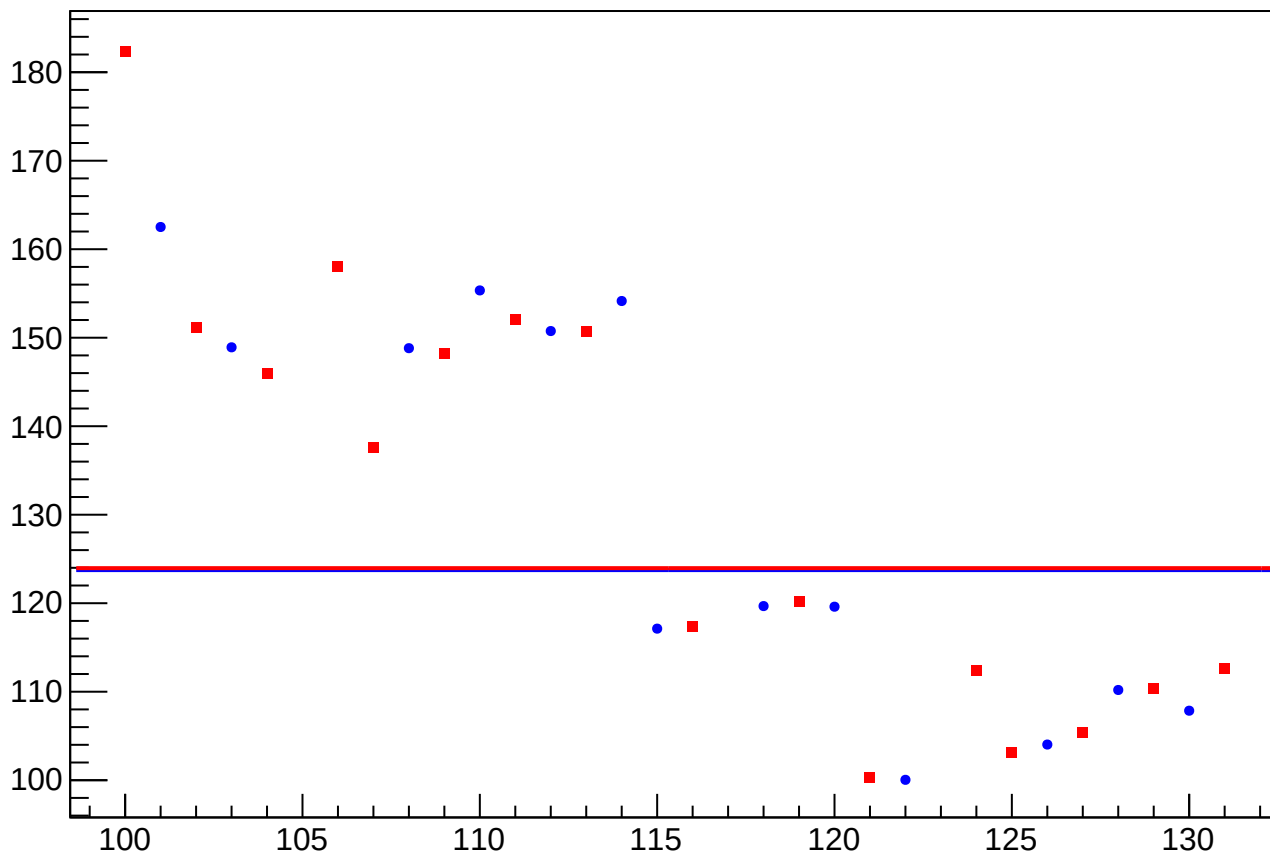
Right: 60.684 $\pm$ -36.531 χ^2 /NDF: 27.4/28

In: 117.268 $\pm$ -53.419 χ^2 /NDF:8.9/12

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 60.684 $\pm$ -36.531 χ^2 /NDF: 27.4/28

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.743+/-0.038 χ^2/NDF : 319685.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.961+/-0.035 χ^2/NDF : 333019.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

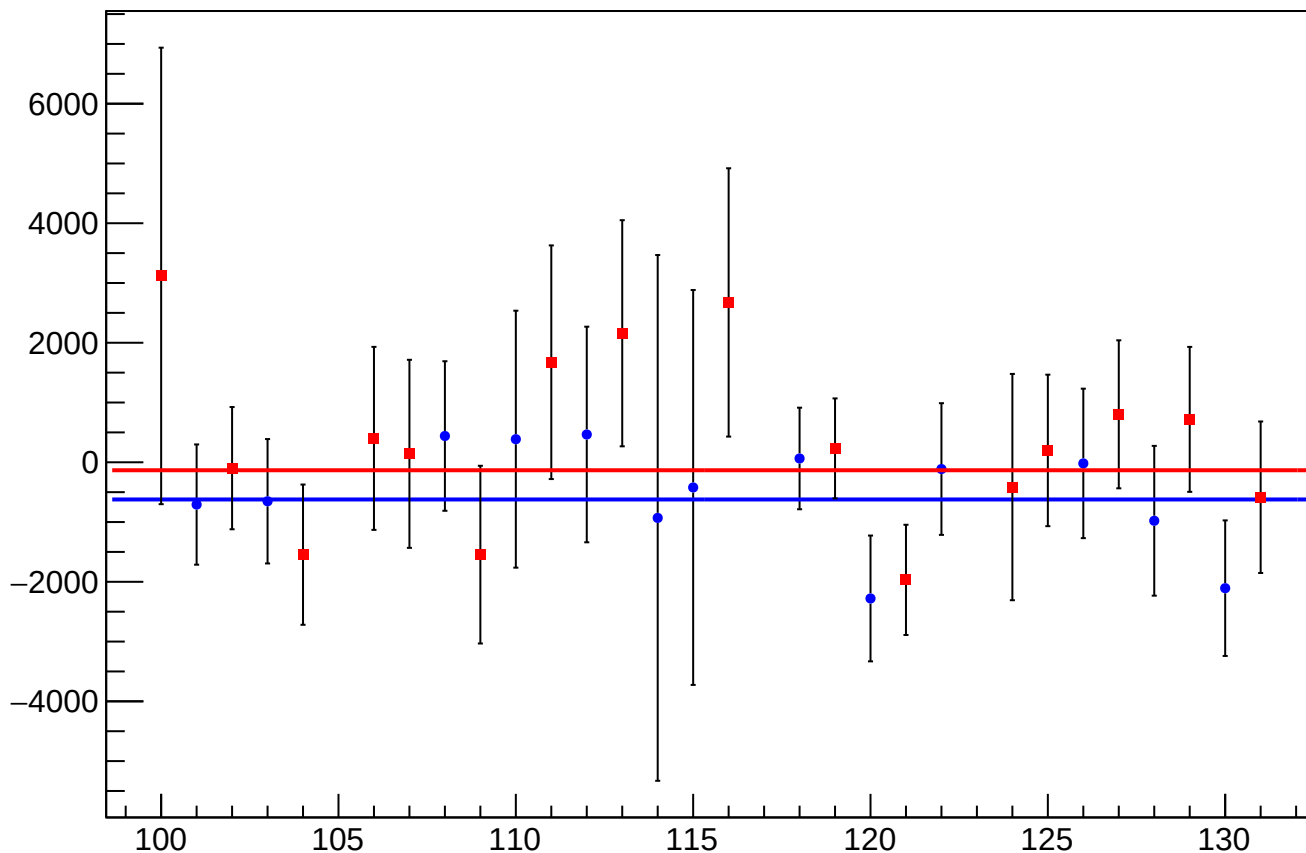
Right: 123.859+/-0.026 χ^2/NDF : 652722.4/28

In: 123.743+/-0.038 χ^2/NDF :319685.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 123.859+/-0.026 χ^2/NDF : 652722.4/28

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -622.259+/-345.420 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.306+/-329.075 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

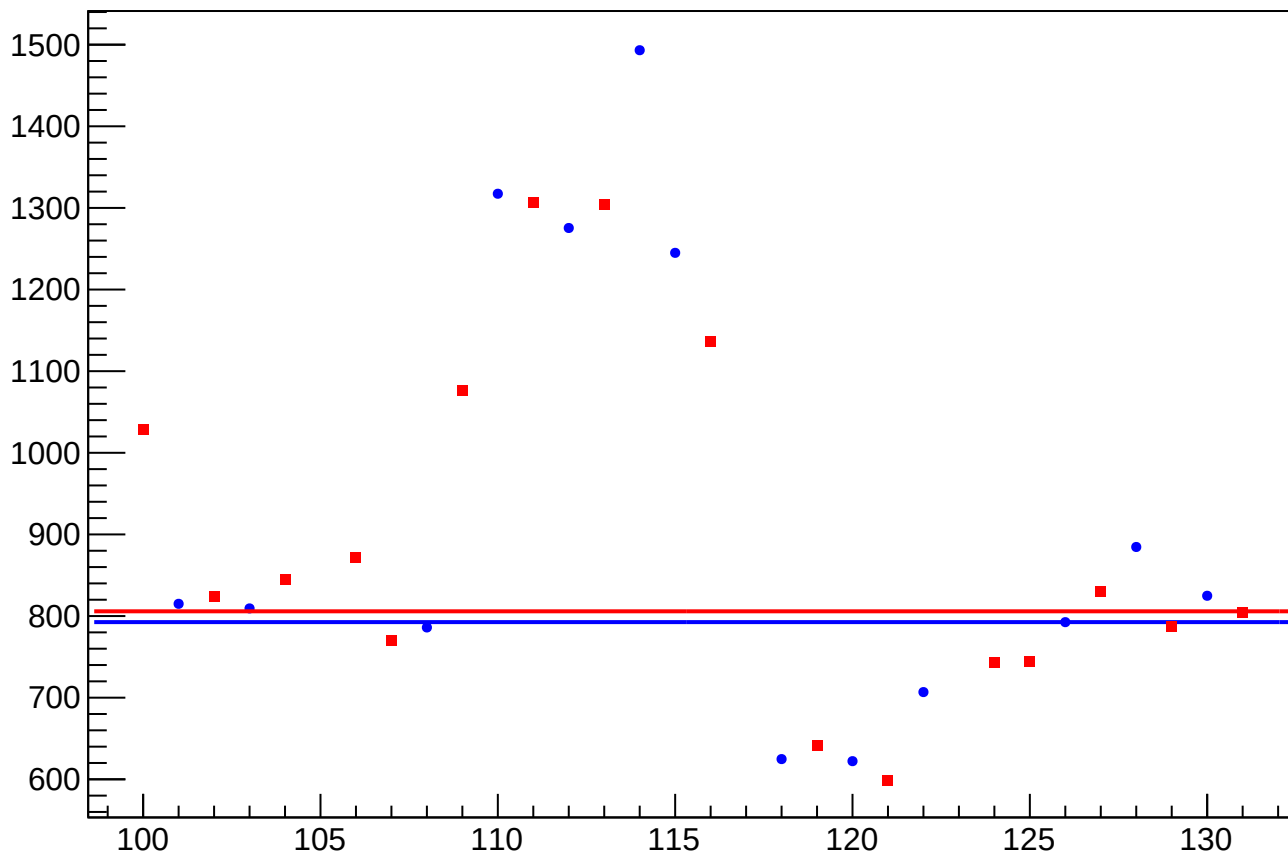
Right: -365.940+/-238.260 χ^2/NDF : 20.3/28

In: -622.259+/-345.420 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.940+/-238.260 χ^2/NDF : 20.3/28

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 792.574+/-0.244 χ^2/NDF : 507163.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.805+/-0.233 χ^2/NDF : 580162.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

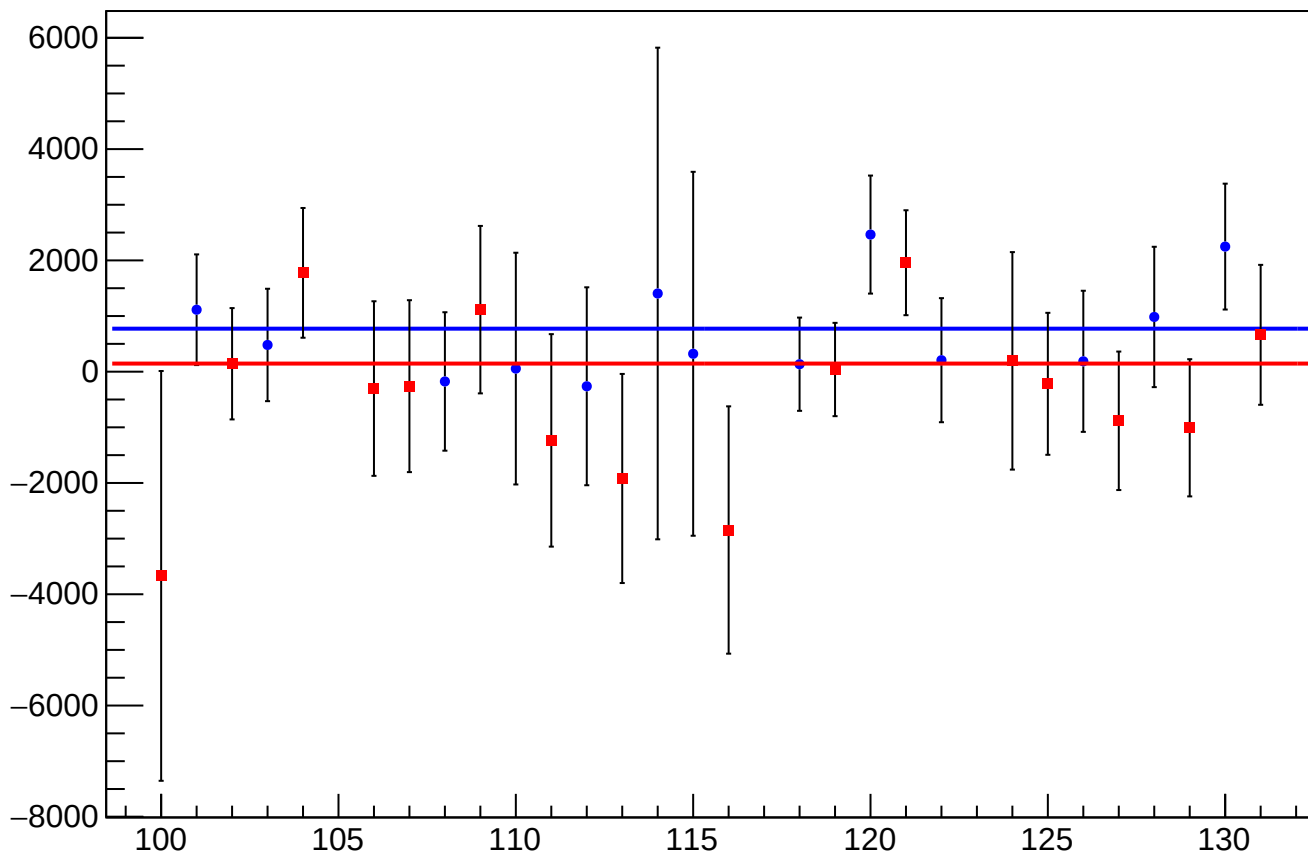
Right: 799.510+/-0.168 χ^2/NDF : 1088864.9/28

In: 792.574+/-0.244 χ^2/NDF : 507163.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.510+/-0.168 χ^2/NDF : 1088864.9/28

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 772.955+/-343.426 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.685+/-329.776 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

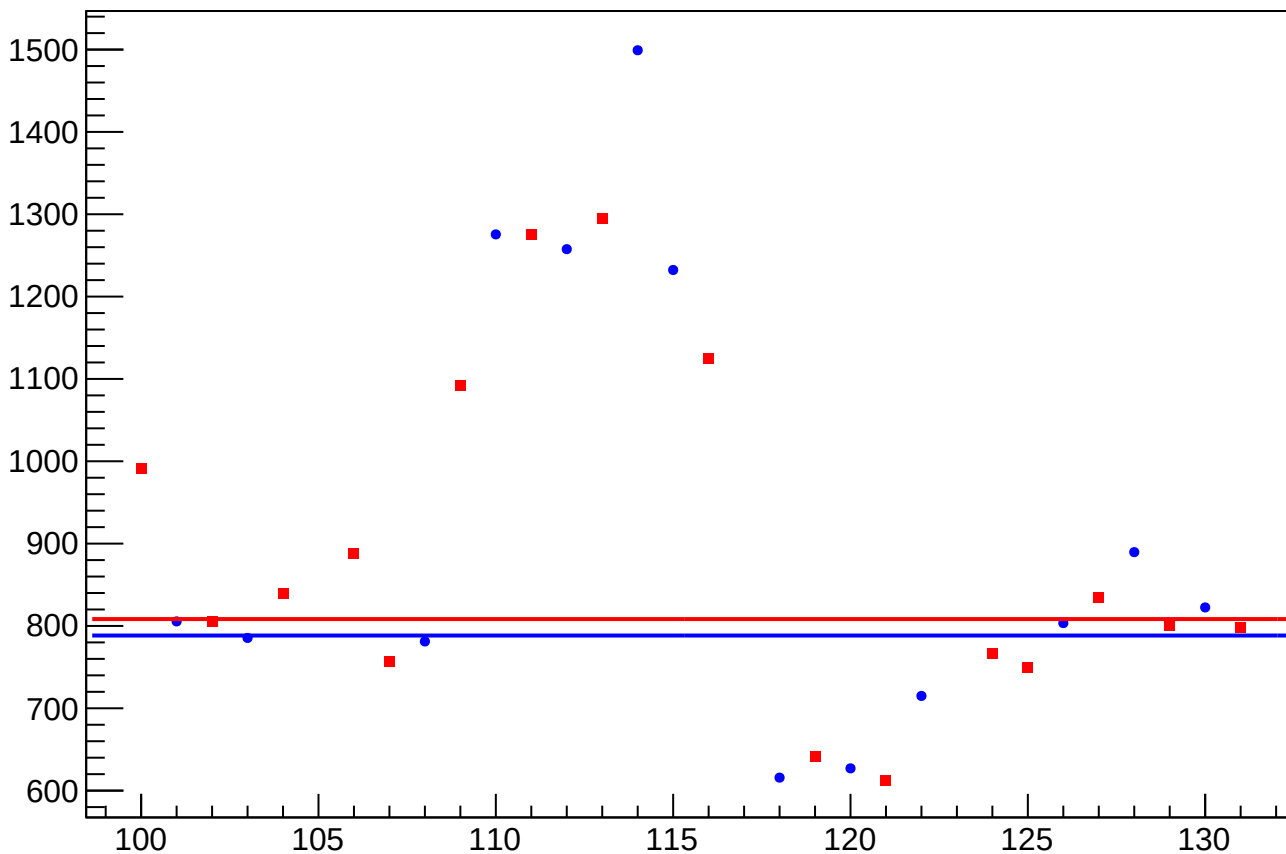
Right: 446.606+/-237.866 χ^2/NDF : 21.0/28

In: 772.955+/-343.426 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.606+/-237.866 χ^2/NDF : 21.0/28

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 788.365+/-0.243 χ^2/NDF : 492759.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 808.367+/-0.233 χ^2/NDF : 550925.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

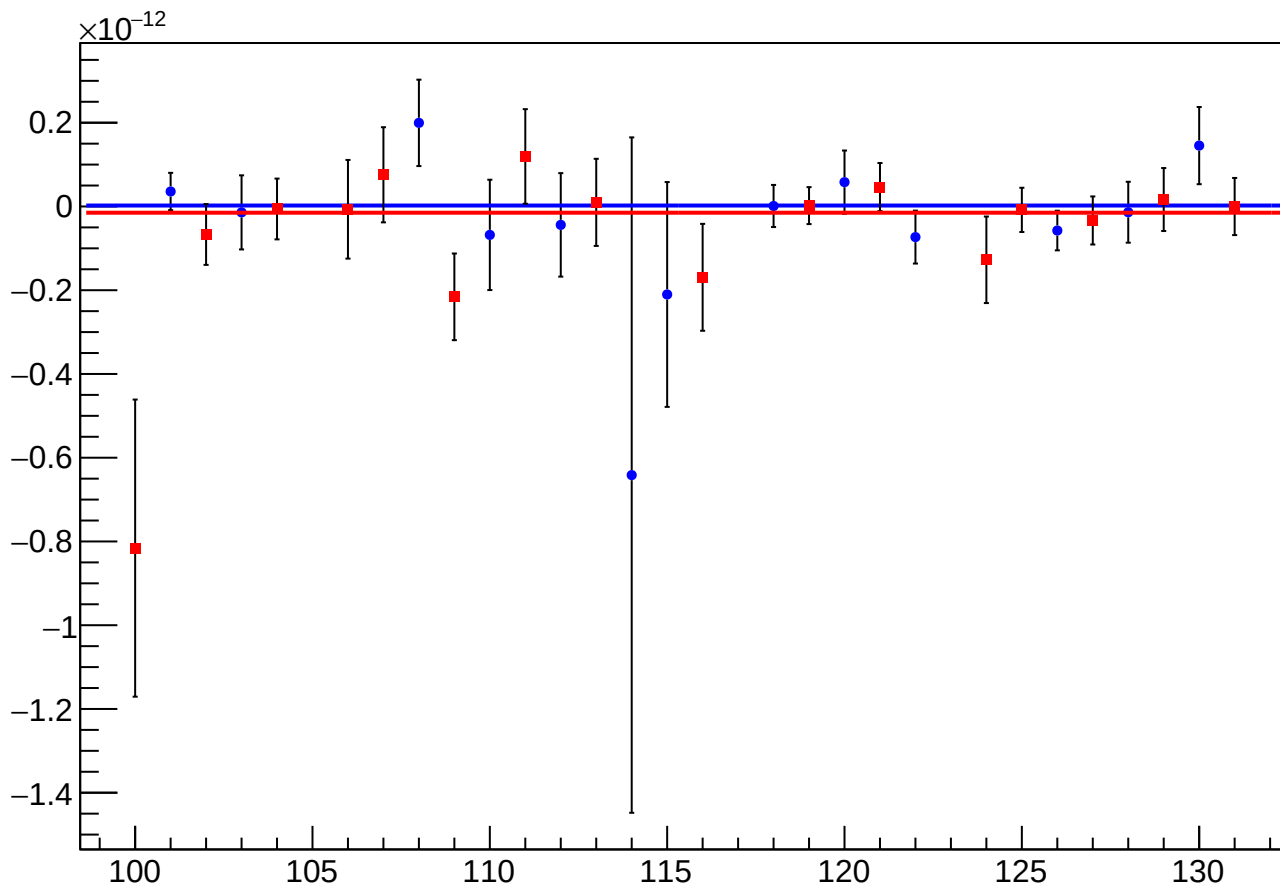
Right: 798.771+/-0.168 χ^2/NDF : 1047214.7/28

In: 788.365+/-0.243 χ^2/NDF : 492759.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.771+/-0.168 χ^2/NDF : 1047214.7/28

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 12.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.8/15

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

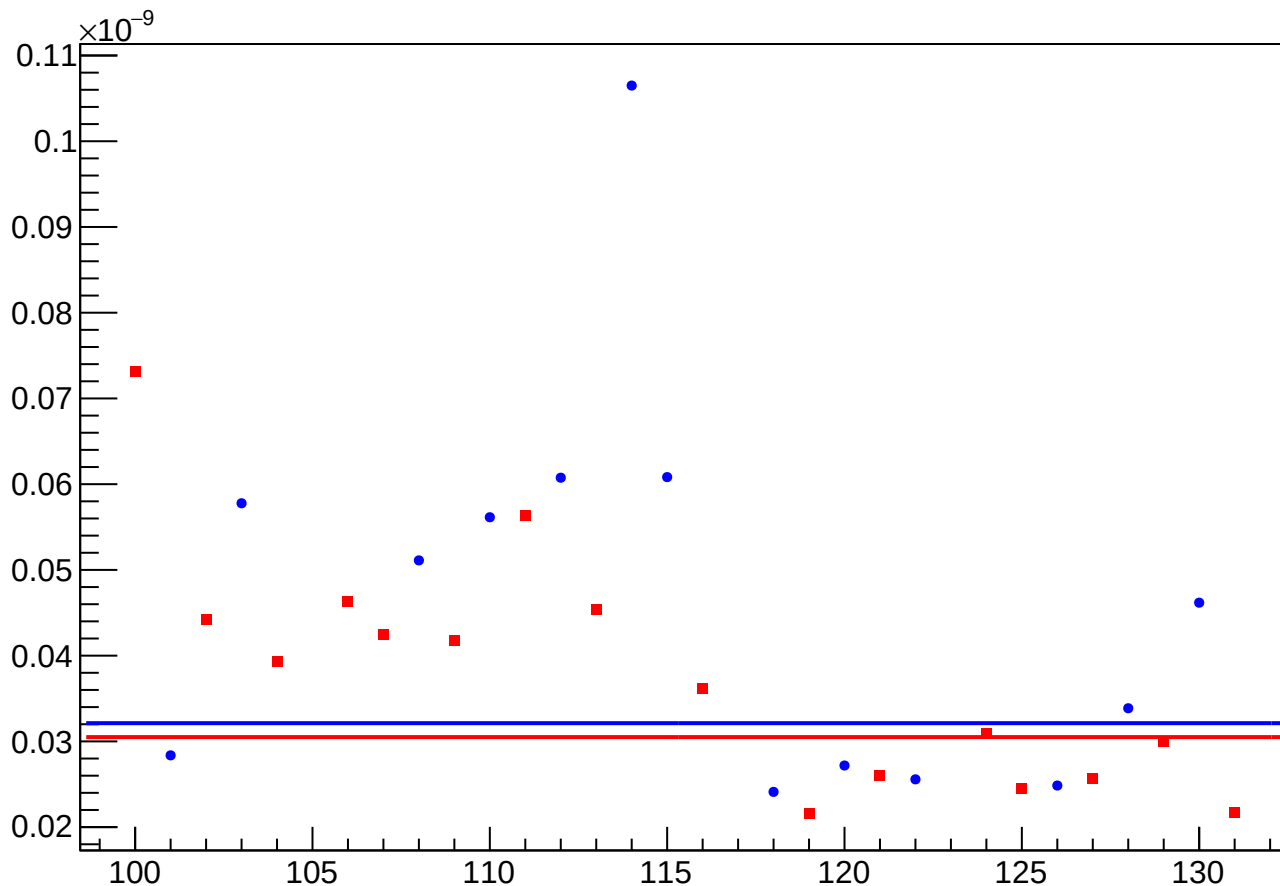
Right: -0.000+/-0.000 χ^2 /NDF: 28.1/28

In: 0.000+/-0.000 χ^2 /NDF: 12.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.1/28

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 639433.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528128.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

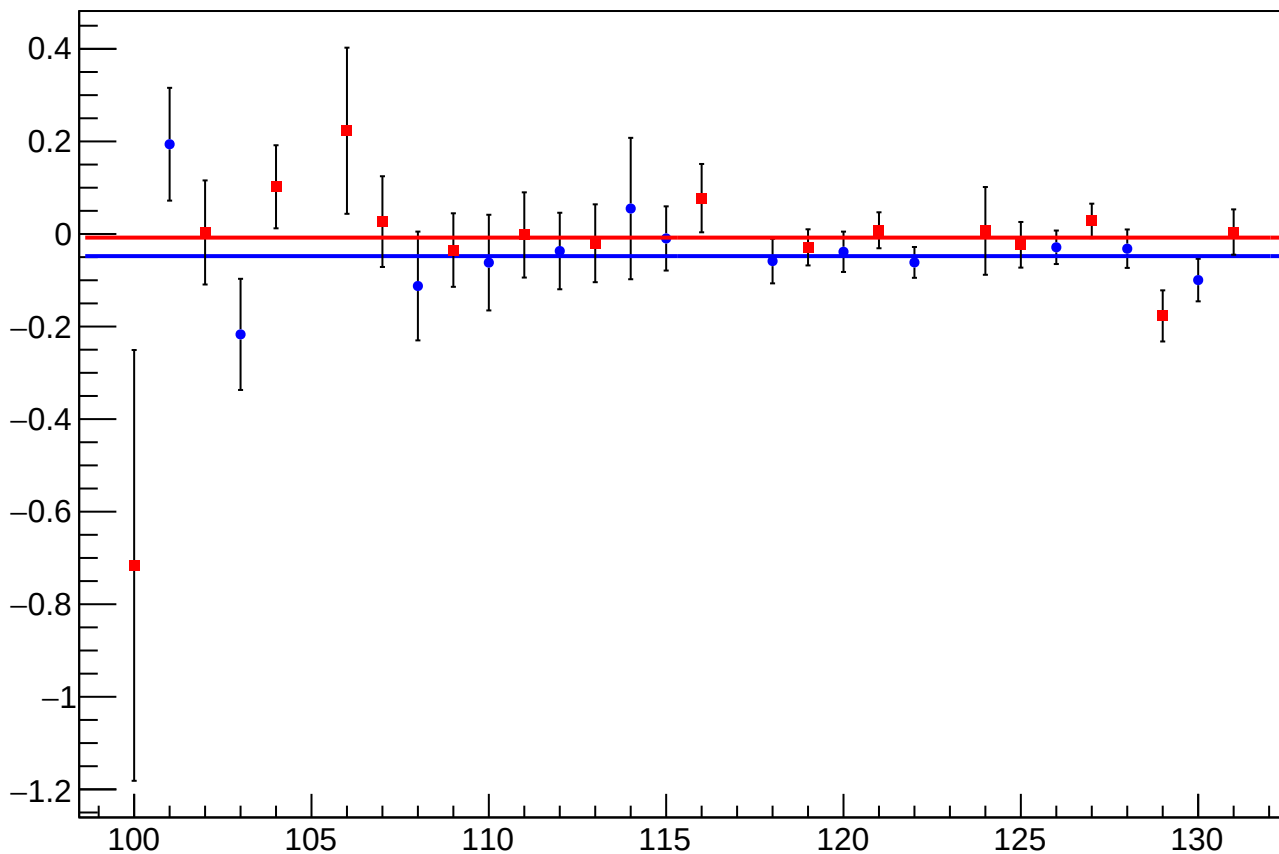
Right: 0.000+/-0.000 χ^2/NDF : 1174484.8/28

In: 0.000+/-0.000 χ^2/NDF : 639433.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1174484.8/28

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.015 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.015 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

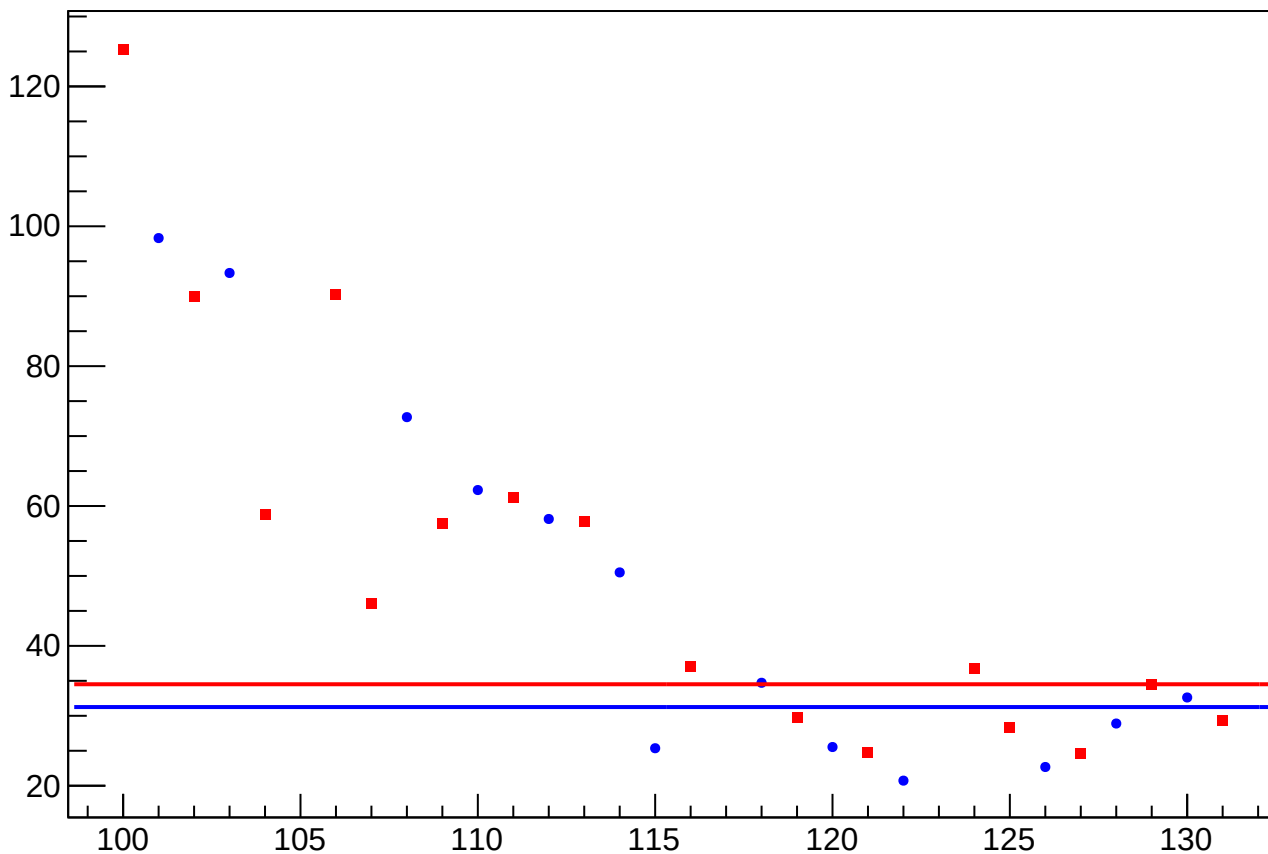
Right: -0.028+/-0.011 χ^2/NDF : 30.5/28

In: -0.048+/-0.015 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.011 χ^2/NDF : 30.5/28

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191948.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.511+/-0.011 χ^2/NDF : 1773580.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

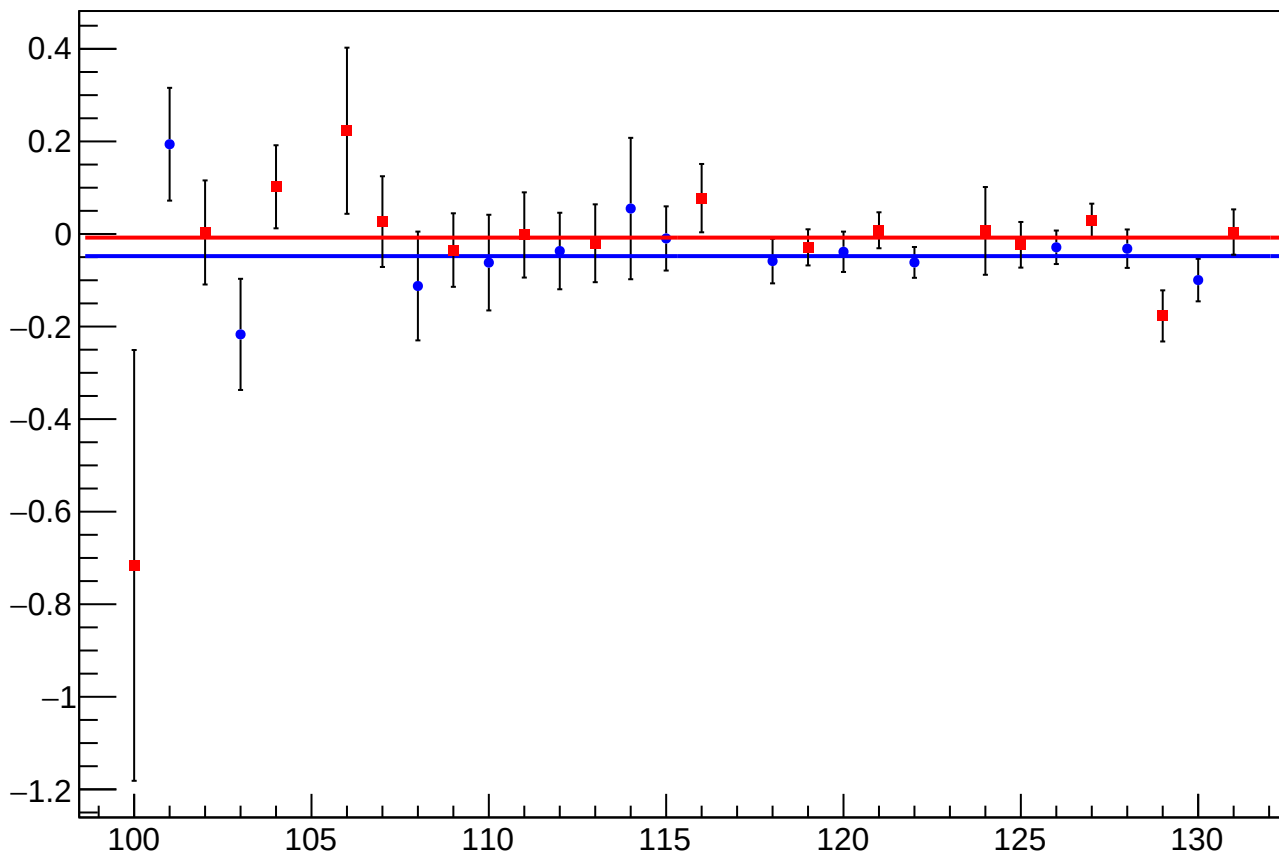
Right: 32.859+/-0.008 χ^2/NDF : 4011362.7/28

In: 31.252+/-0.011 χ^2/NDF :2191948.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011362.7/28

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.015 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 18.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

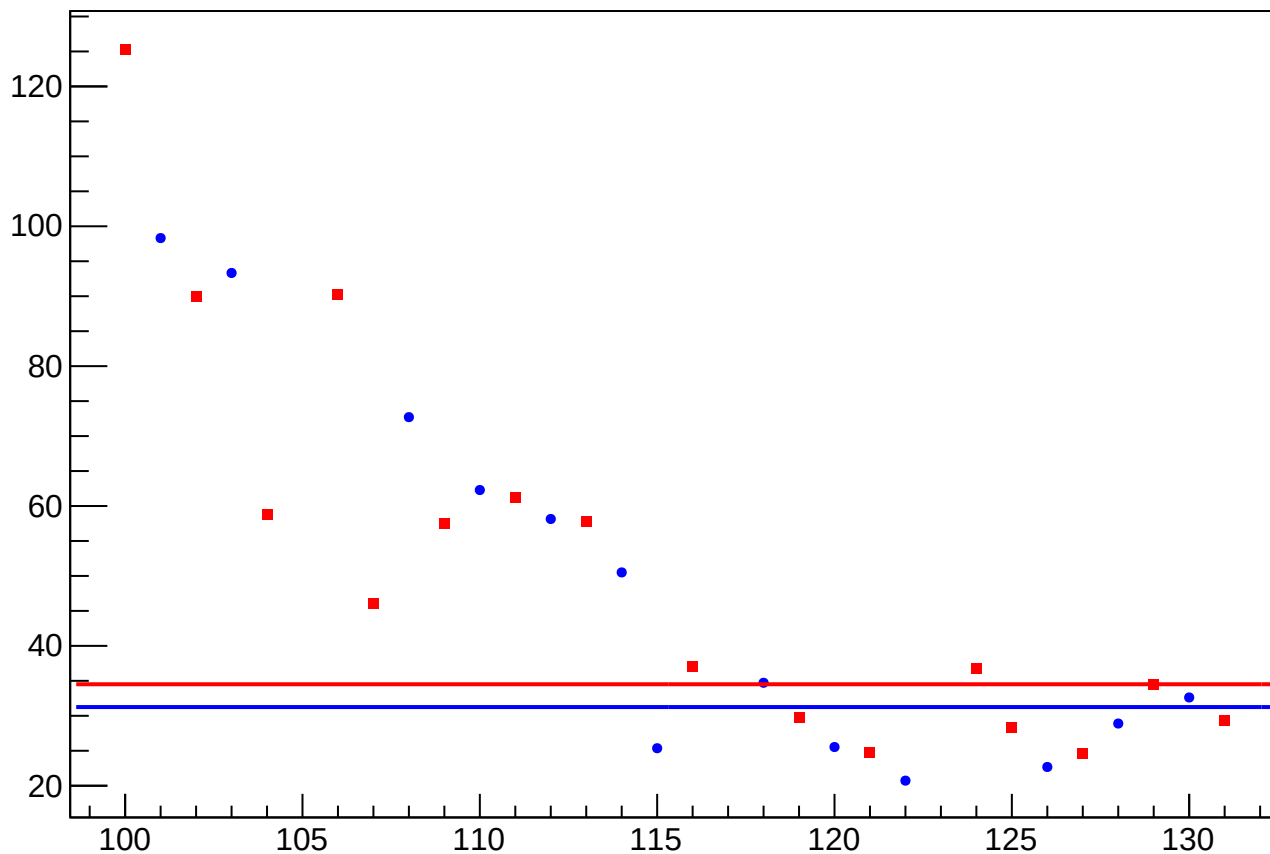
Right: -0.028 ± 0.011 χ^2/NDF : 30.5/28

In: -0.048 ± 0.015 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.011 χ^2/NDF : 30.5/28

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191948.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.511+/-0.011 χ^2/NDF : 1773580.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

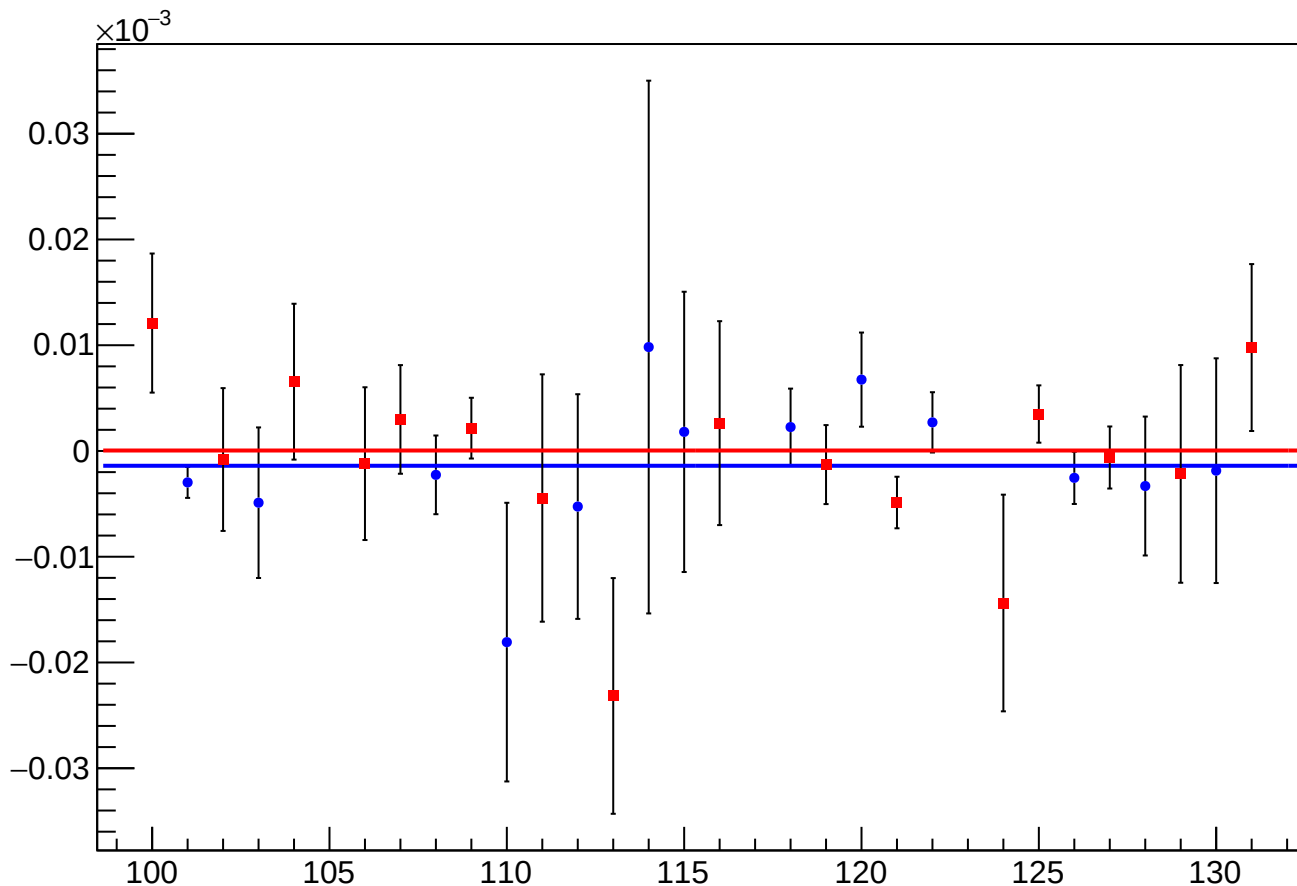
Right: 32.859+/-0.008 χ^2/NDF : 4011362.7/28

In: 31.252+/-0.011 χ^2/NDF :2191948.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011362.7/28

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

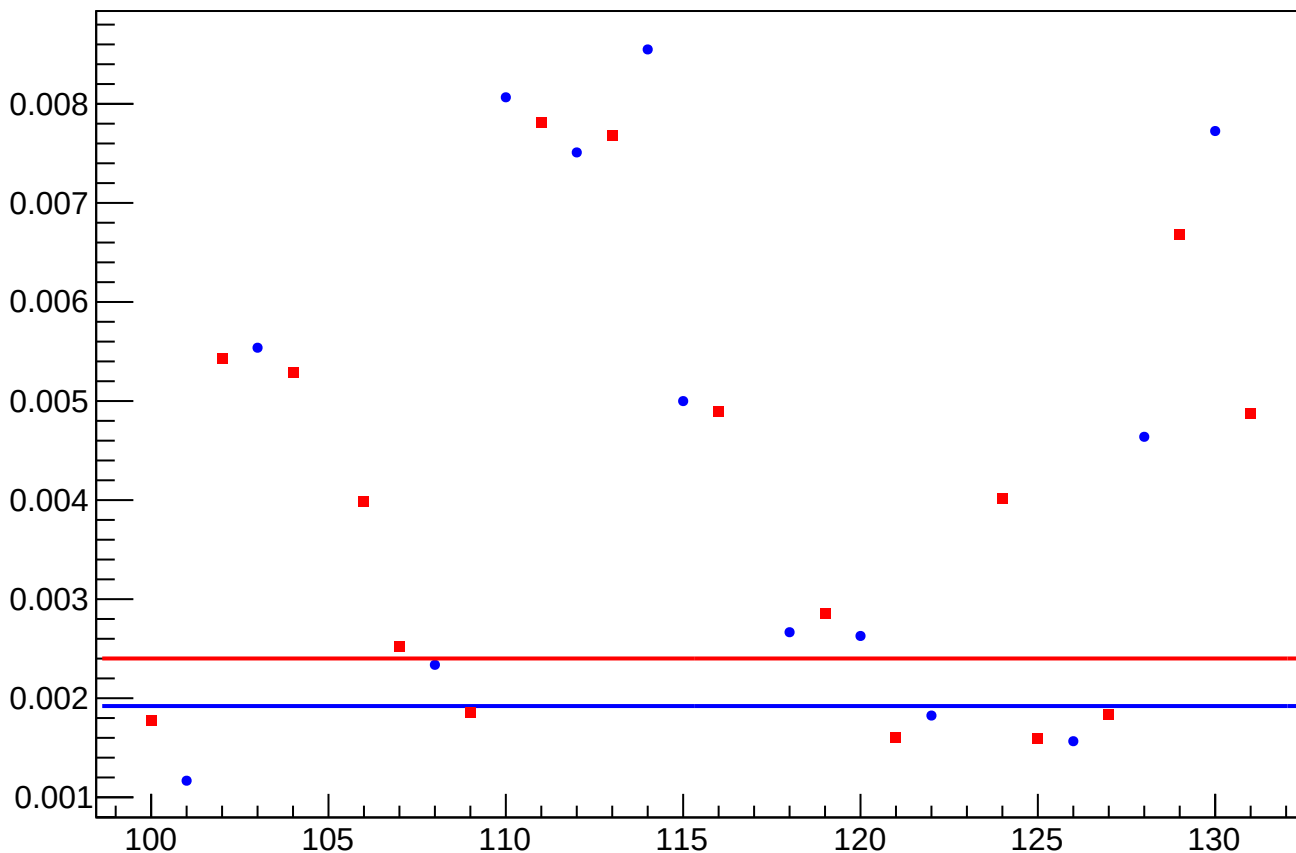
Right: -0.000+/-0.000 χ^2/NDF : 30.1/28

In: -0.000+/-0.000 χ^2/NDF : 10.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.1/28

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3423117.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 2997415.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 6627039.4/28

In: 0.002+/-0.000

χ^2/NDF : 3423117.8/12

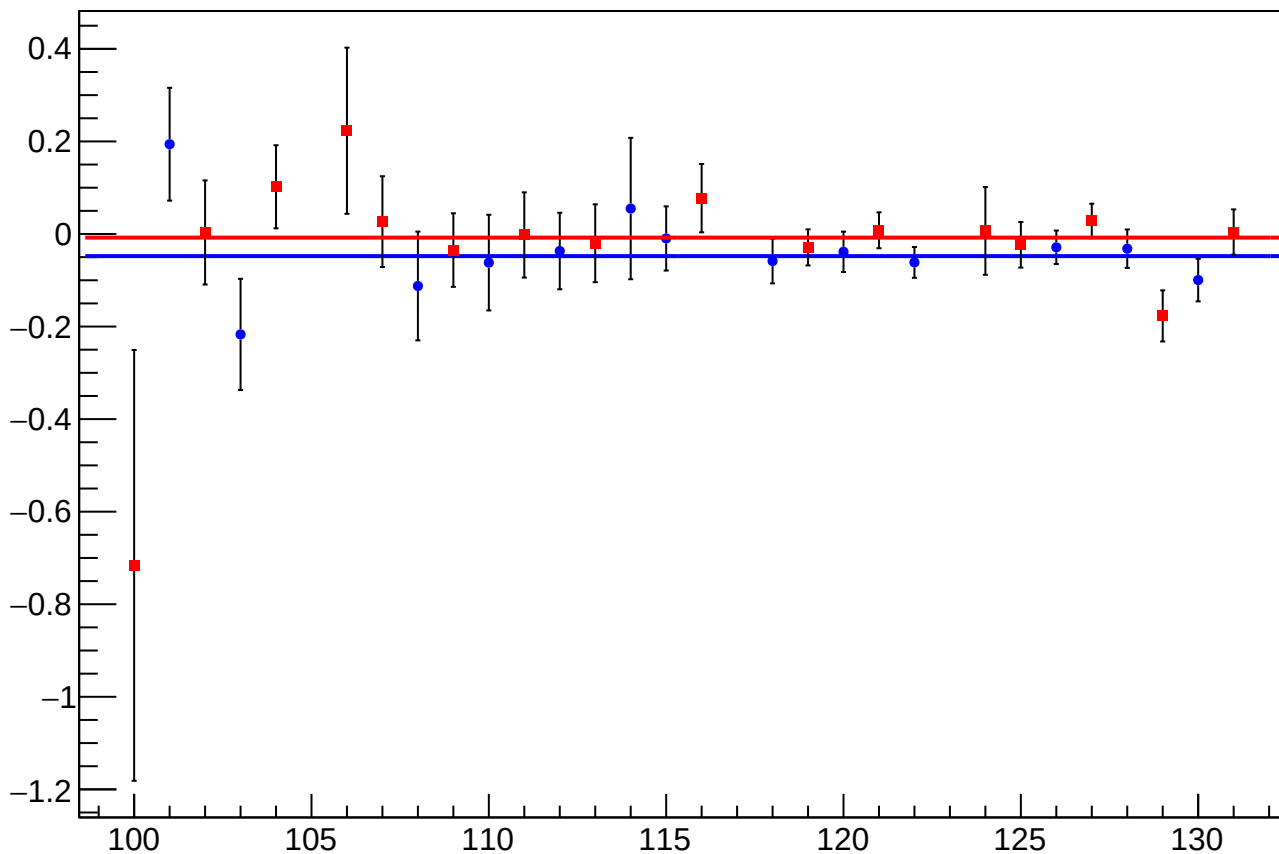
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6627039.4/28

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.015 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 18.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

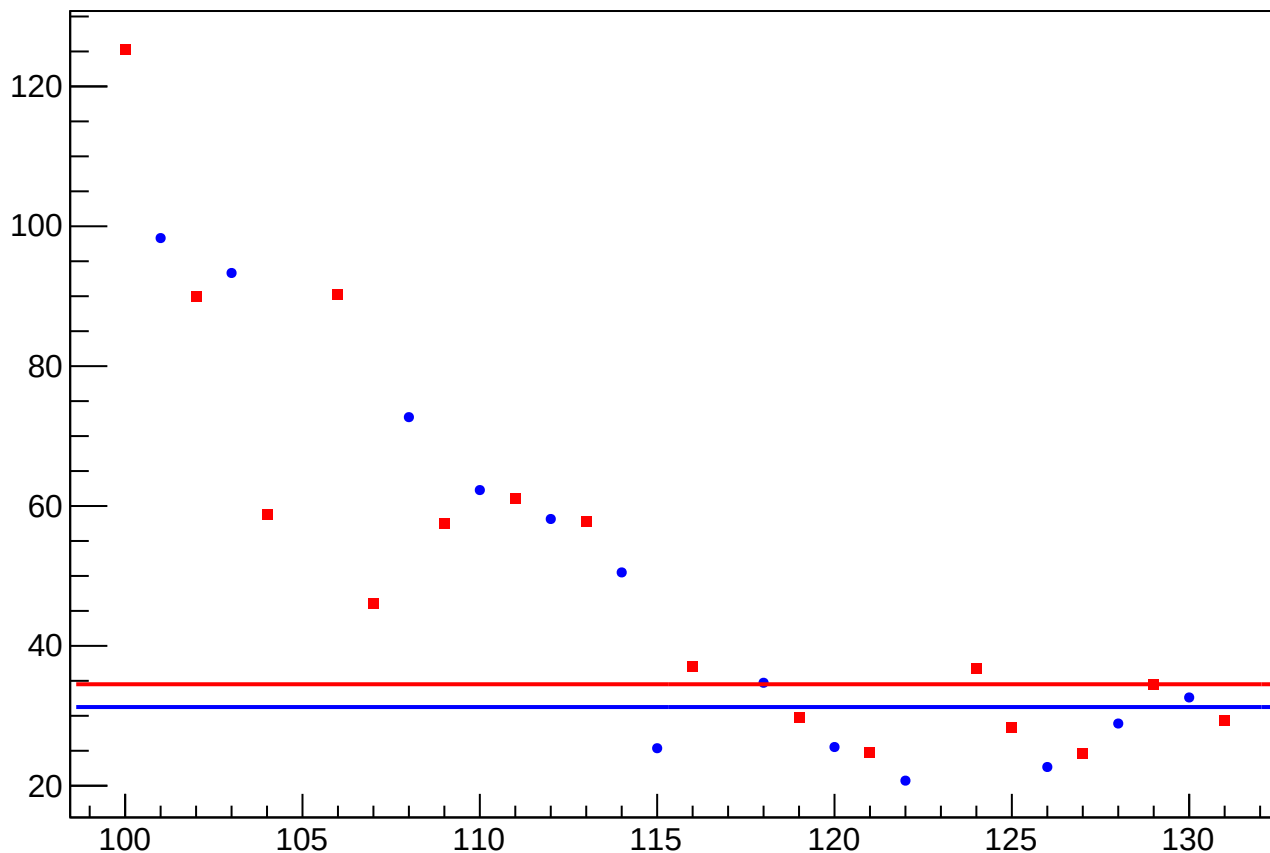
Right: -0.028 ± 0.011 χ^2/NDF : 30.5/28

In: -0.048 ± 0.015 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.011 χ^2/NDF : 30.5/28

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.512+/-0.011 χ^2/NDF : 1773492.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

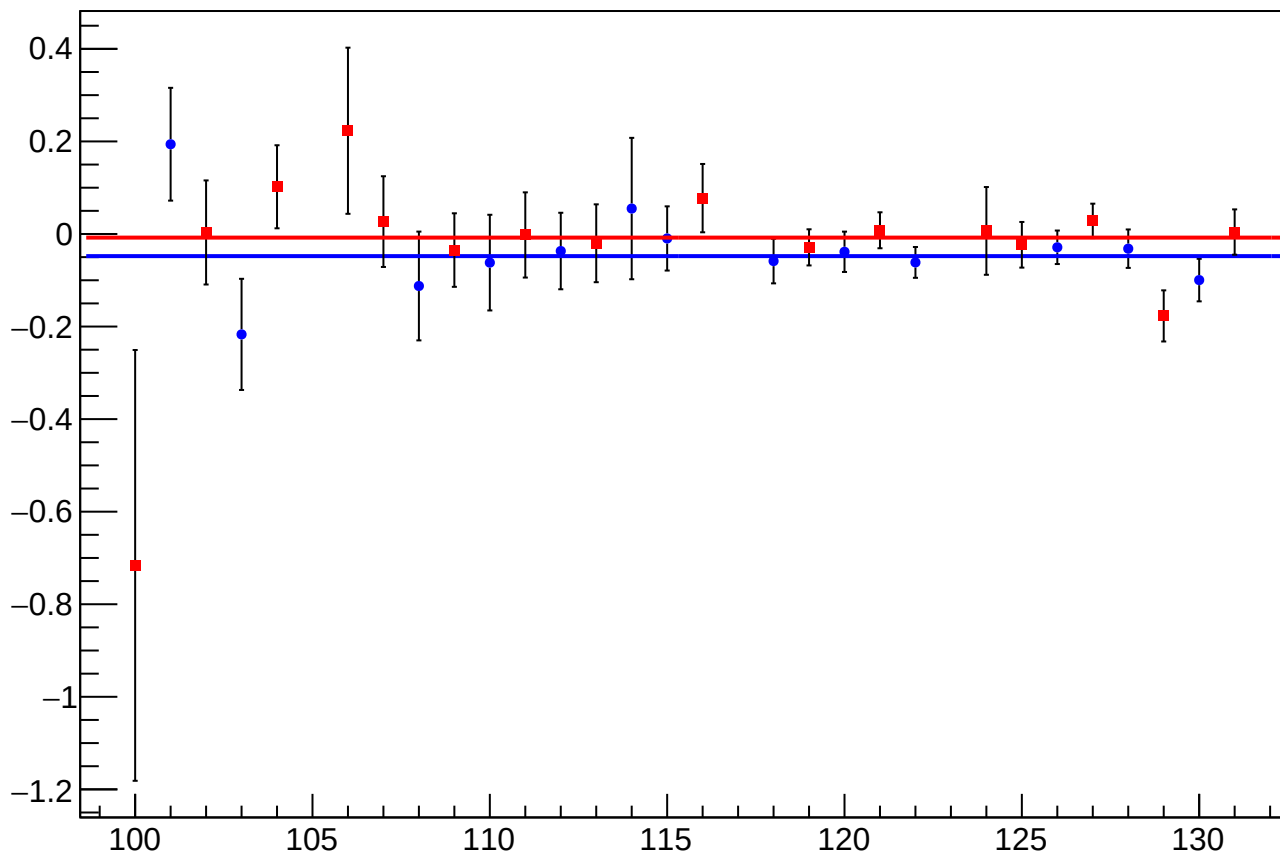
Right: 32.859+/-0.008 χ^2/NDF : 4011251.9/28

In: 31.252+/-0.011 χ^2/NDF :2191921.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011251.9/28

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.015 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.015 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

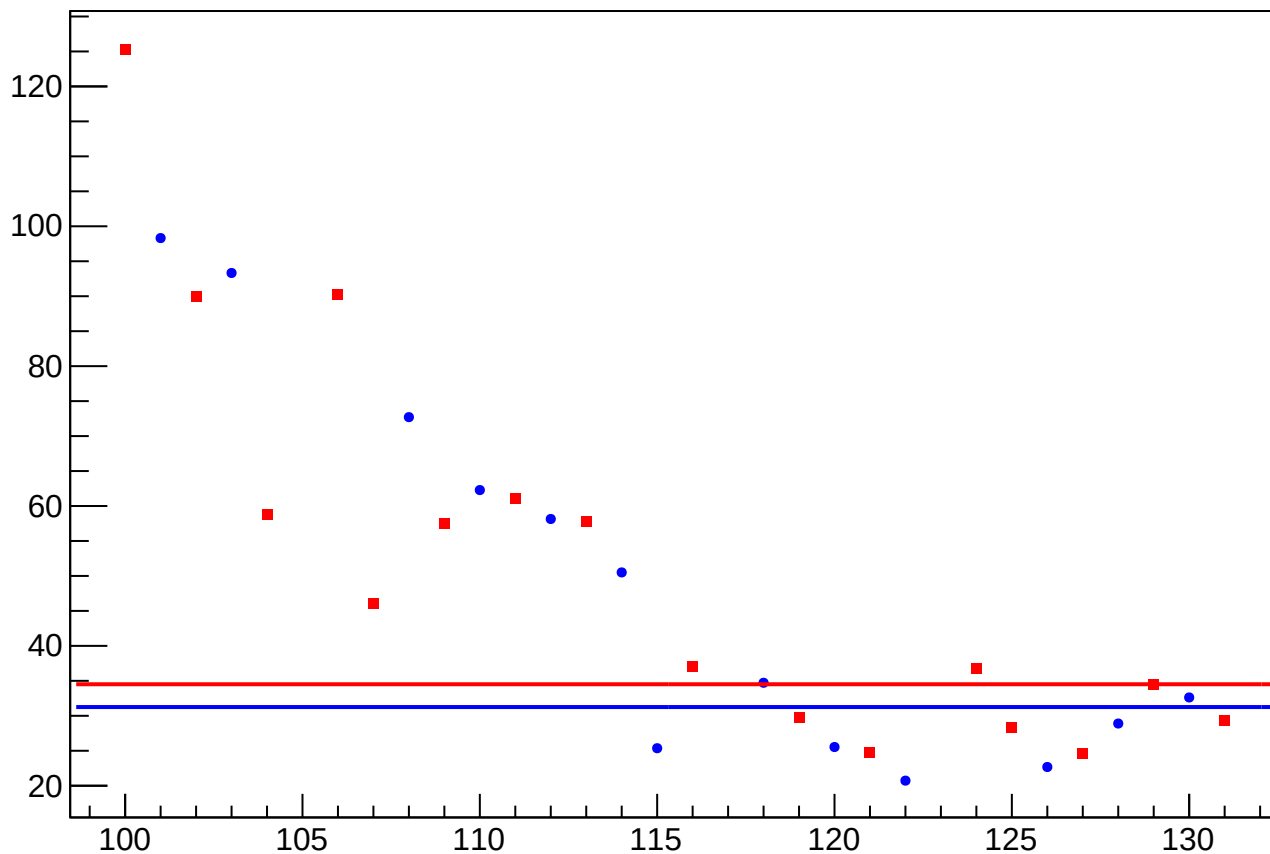
Right: -0.028+/-0.011 χ^2/NDF : 30.5/28

In: -0.048+/-0.015 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.011 χ^2/NDF : 30.5/28

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.512+/-0.011 χ^2/NDF : 1773492.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

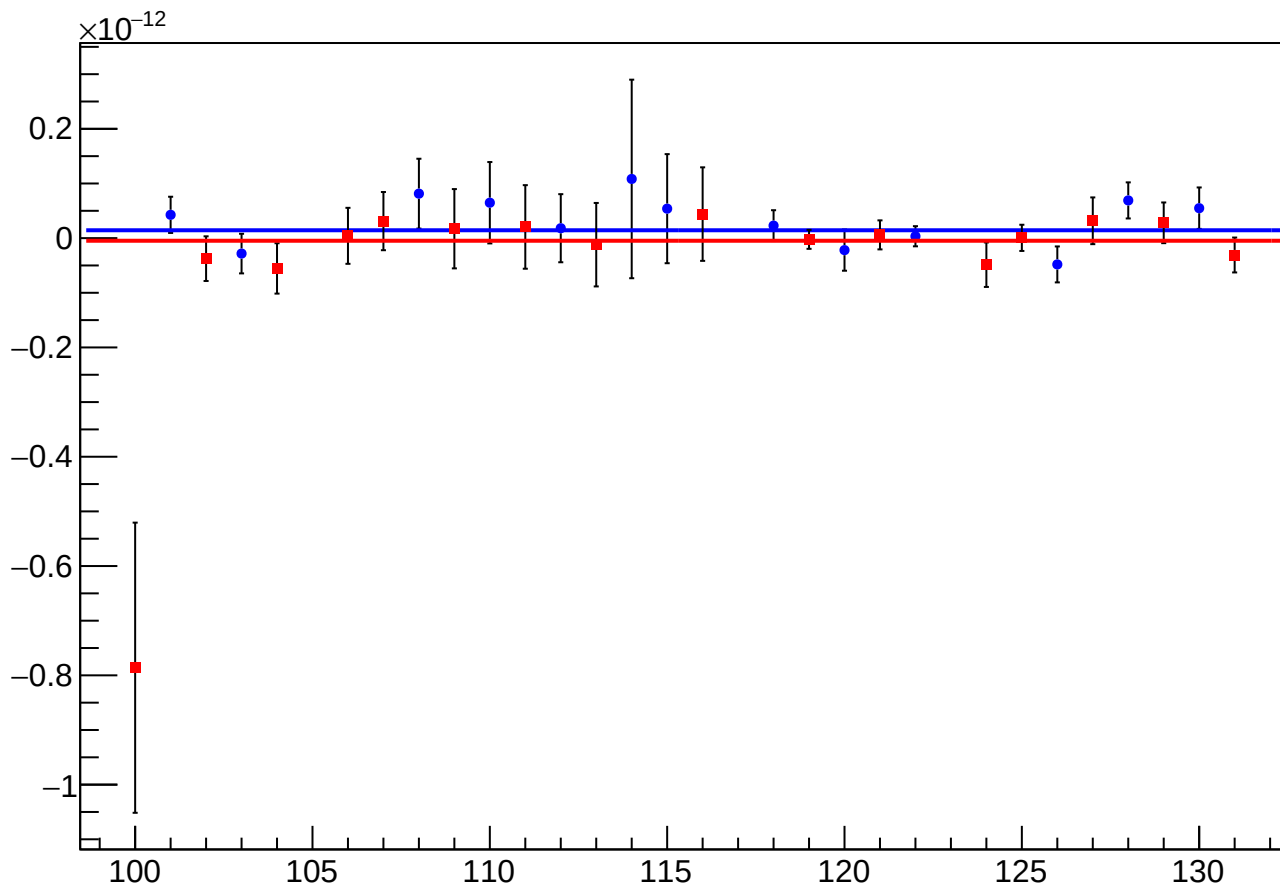
Right: 32.859+/-0.008 χ^2/NDF : 4011251.9/28

In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011251.9/28

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

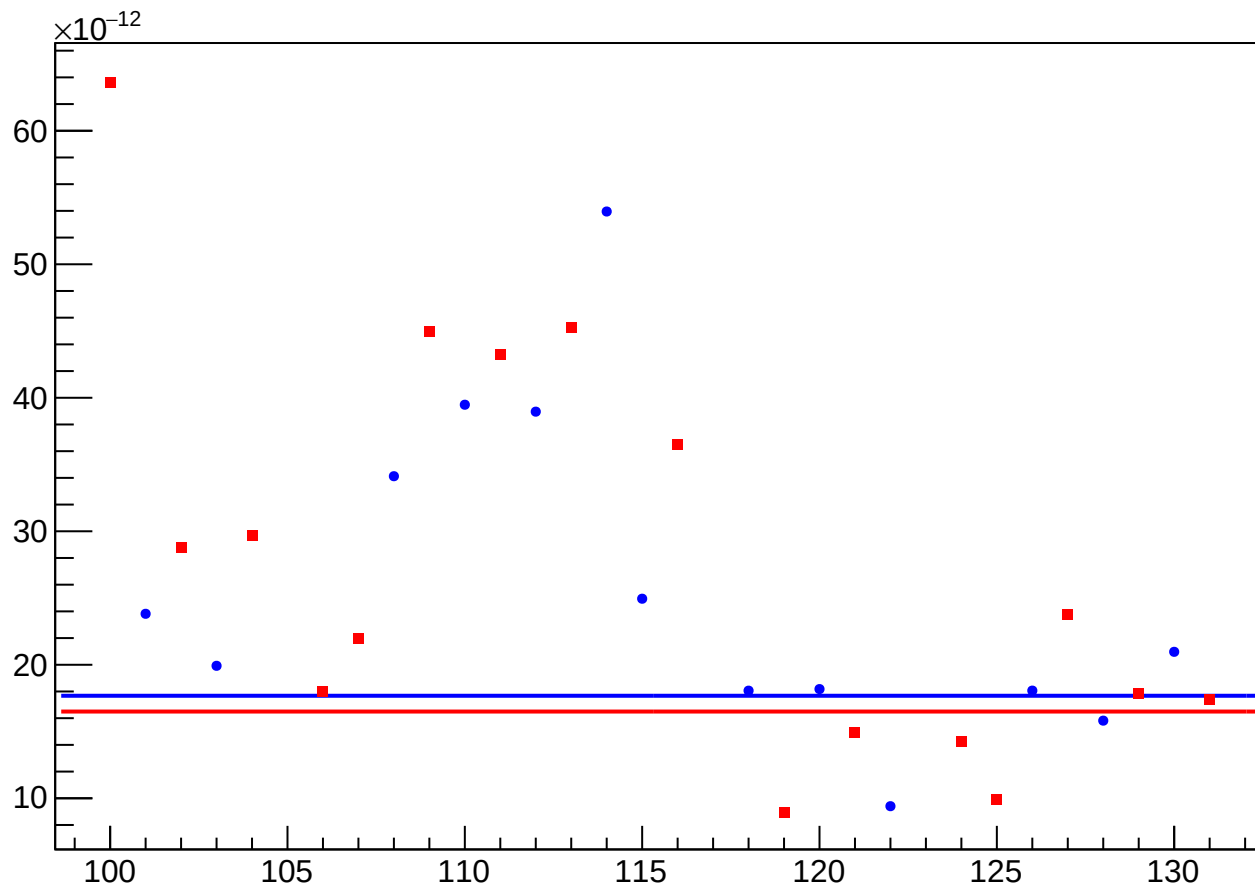
Right: 0.000+/-0.000 χ^2/NDF : 30.0/28

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/28

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1129466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1982854.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

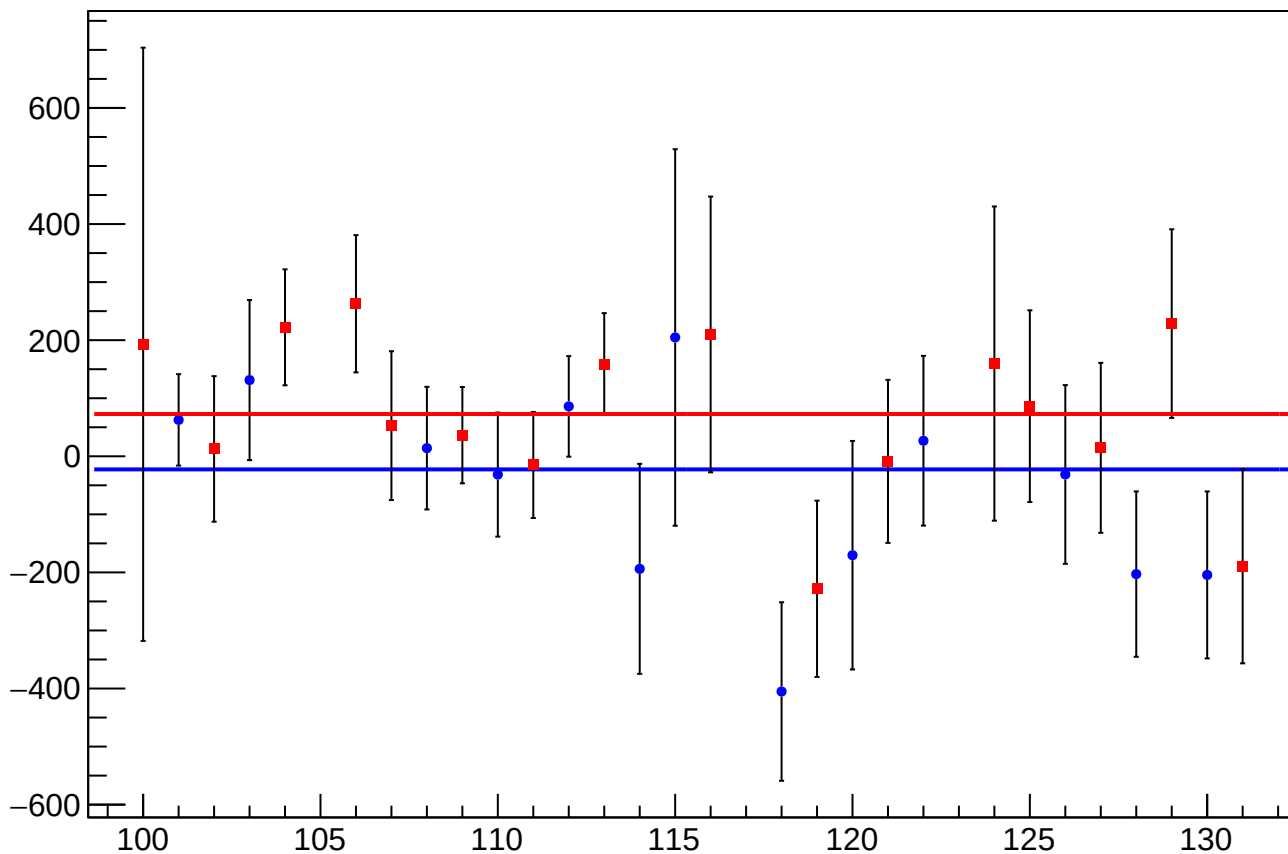
Right: 0.000+/-0.000 χ^2/NDF : 3127402.4/28

In: 0.000+/-0.000 χ^2/NDF : 1129466.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3127402.4/28

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -22.577+/-34.941 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.860+/-31.971 χ^2/NDF : 15.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

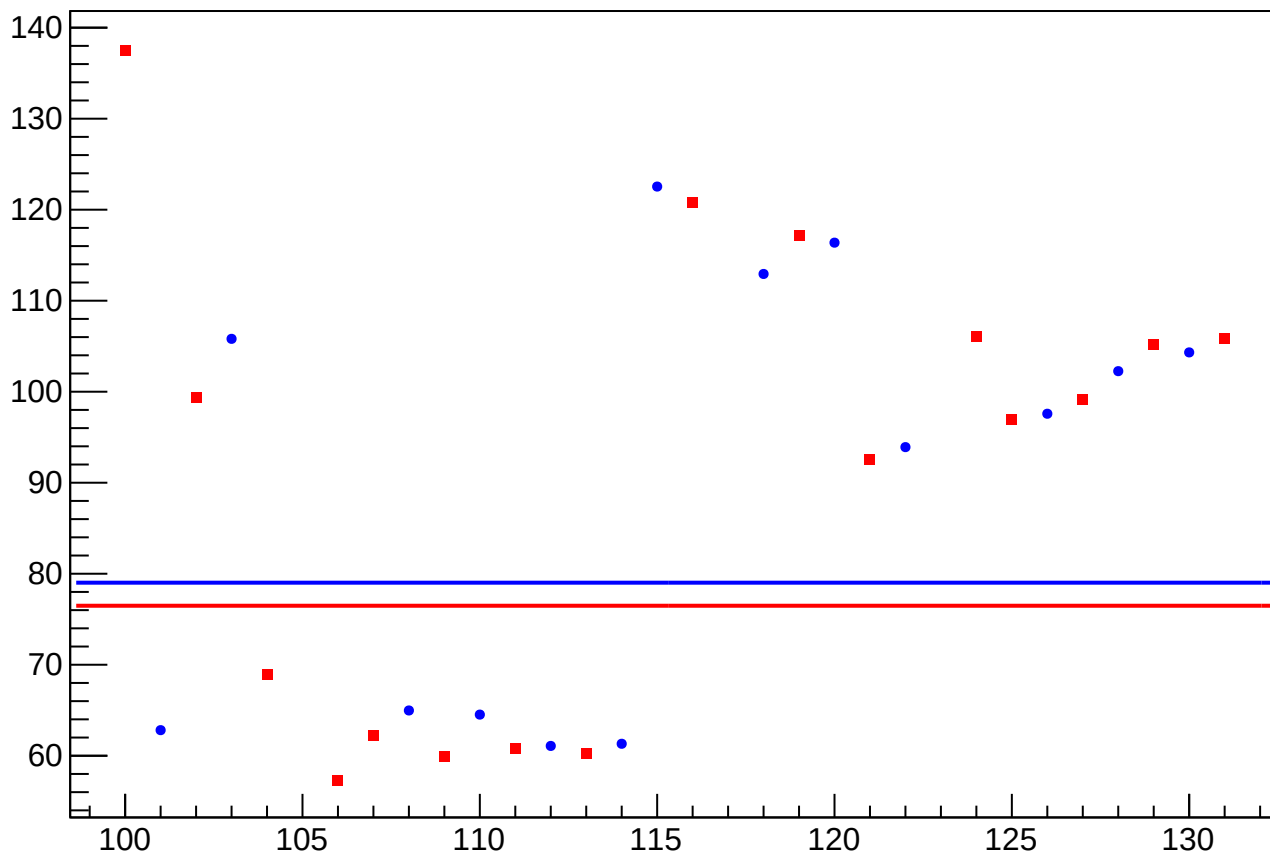
Right: 29.369+/-23.587 χ^2/NDF : 35.1/28

In: -22.577+/-34.941 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.369+/-23.587 χ^2/NDF : 35.1/28

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 79.017+/-0.025 χ^2/NDF : 707691.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.483+/-0.023 χ^2/NDF : 857087.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

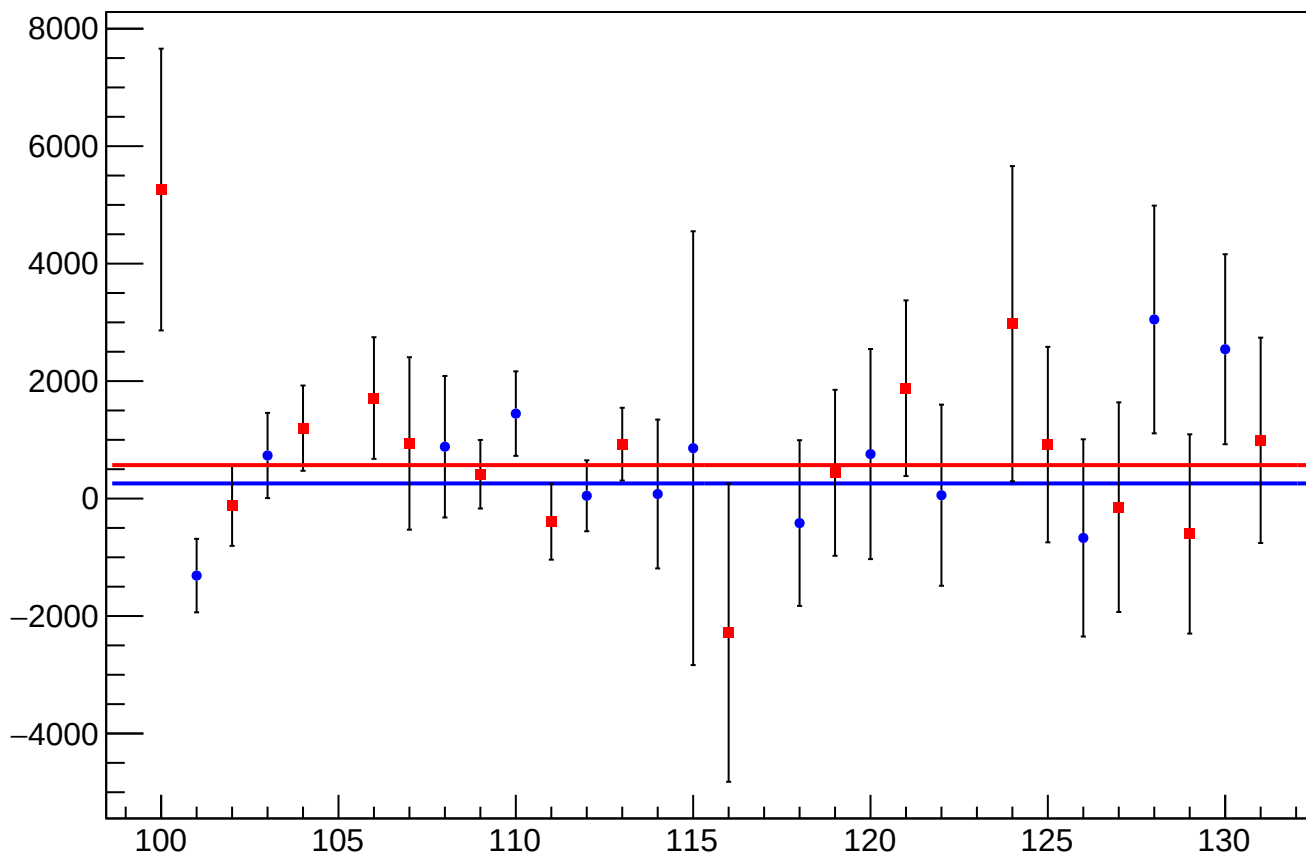
Right: 77.637+/-0.017 χ^2/NDF : 1570503.0/28

In: 79.017+/-0.025 χ^2/NDF : 707691.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.637+/-0.017 χ^2/NDF : 1570503.0/28

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 257.593 $\pm$ 280.069 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 569.621 $\pm$ 249.188 χ^2 /NDF: 13.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

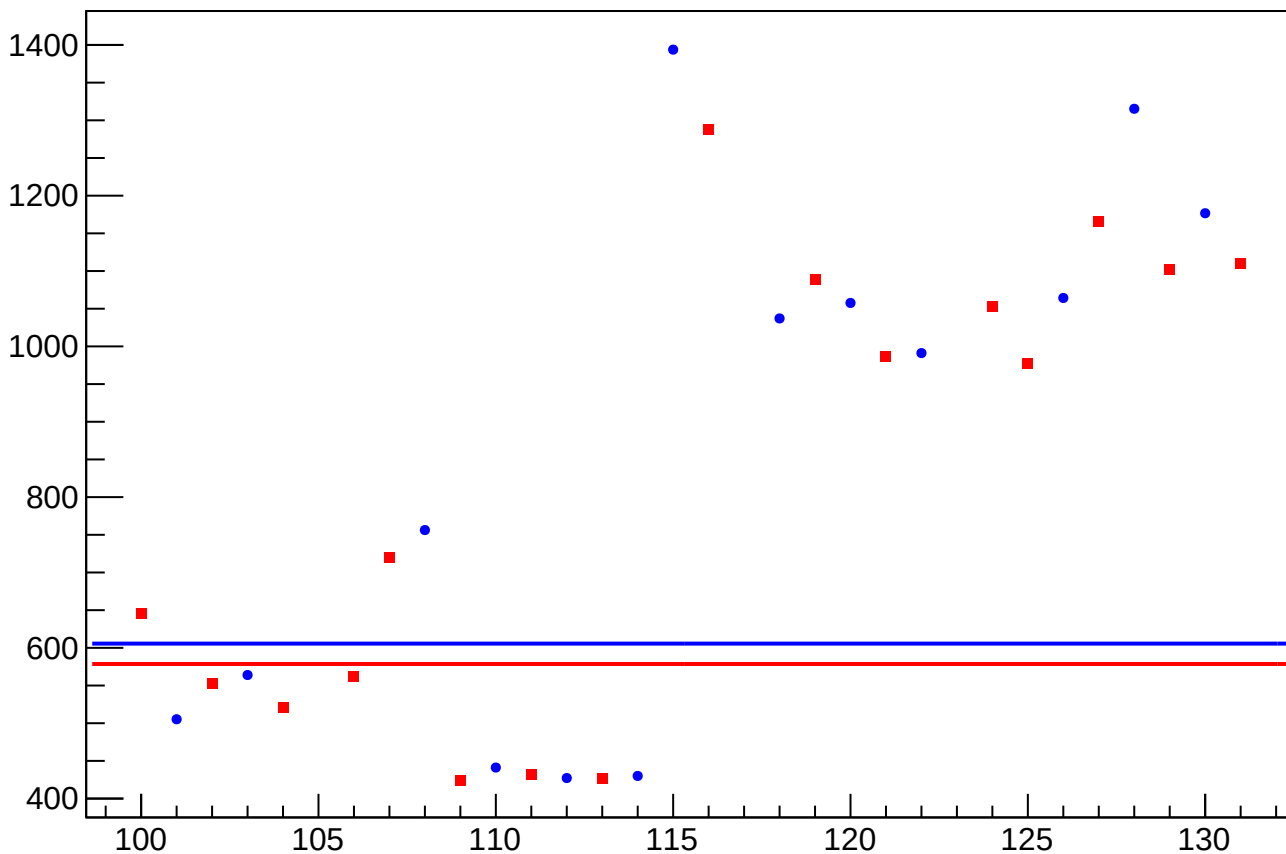
Right: 431.752 $\pm$ 186.167 χ^2 /NDF: 28.3/28

In: 257.593 $\pm$ 280.069 χ^2 /NDF:14.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 431.752 $\pm$ 186.167 χ^2 /NDF: 28.3/28

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 605.633+/-0.198 χ^2/NDF : 1603864.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.588+/-0.176 χ^2/NDF : 1733611.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

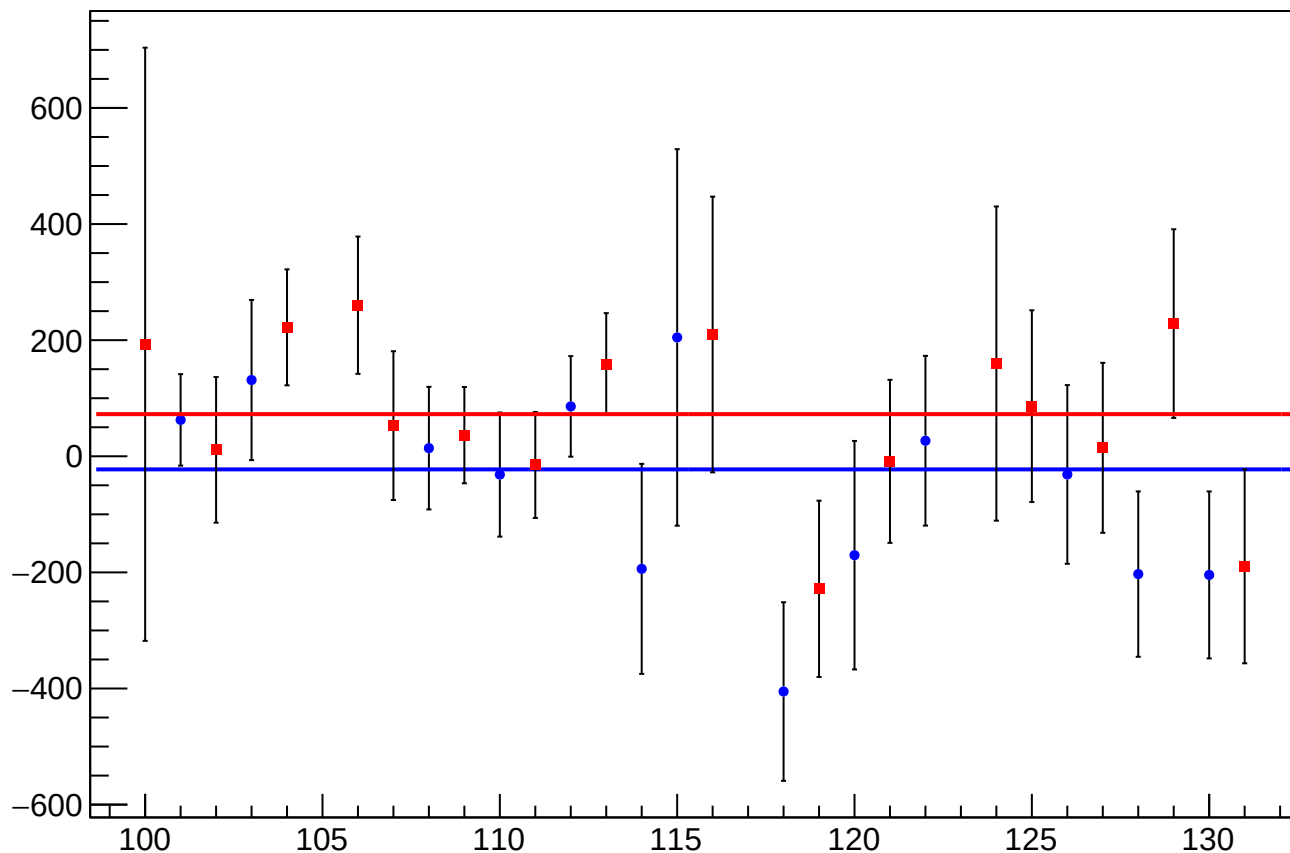
Right: 590.538+/-0.132 χ^2/NDF : 3347885.3/28

In: 605.633+/-0.198 χ^2/NDF : 1603864.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.538+/-0.132 χ^2/NDF : 3347885.3/28

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.557 ± 31.973 χ^2/NDF : 15.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

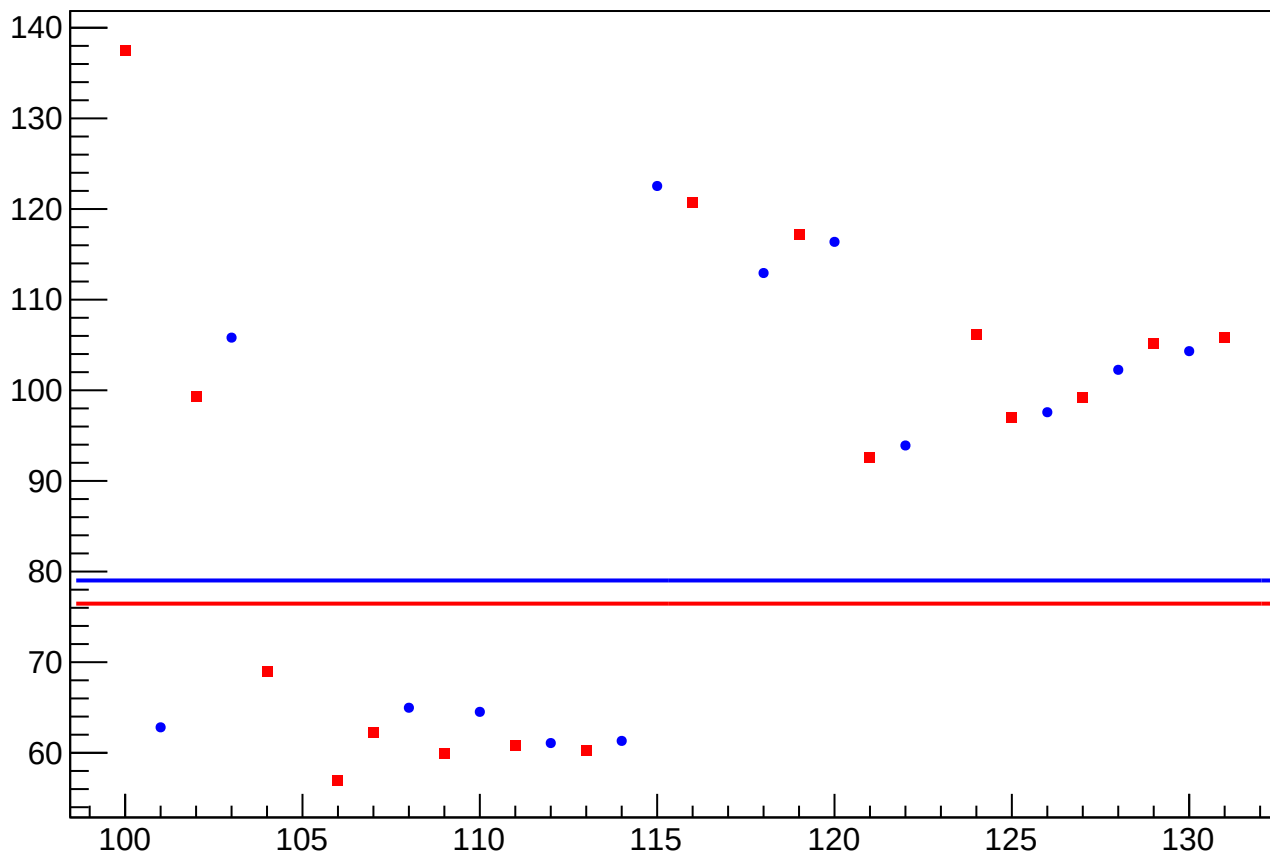
Right: 29.198 ± 23.588 χ^2/NDF : 35.0/28

In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.198 ± 23.588 χ^2/NDF : 35.0/28

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.461+/-0.023 χ^2/NDF : 859073.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

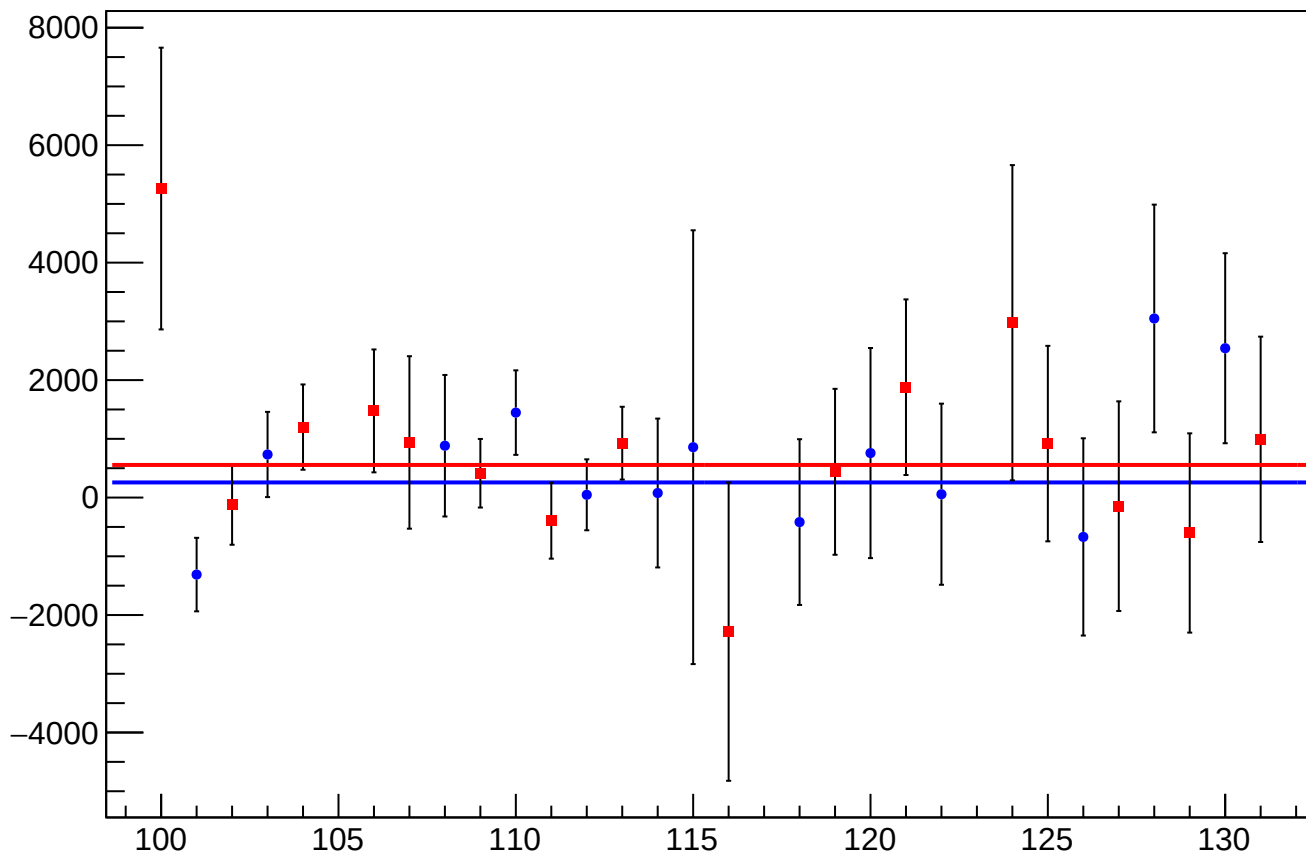
Right: 77.626+/-0.017 χ^2/NDF : 1572589.0/28

In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.626+/-0.017 χ^2/NDF : 1572589.0/28

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 257.567 $\pm$ 280.074 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 555.497 $\pm$ 249.357 χ^2 /NDF: 12.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

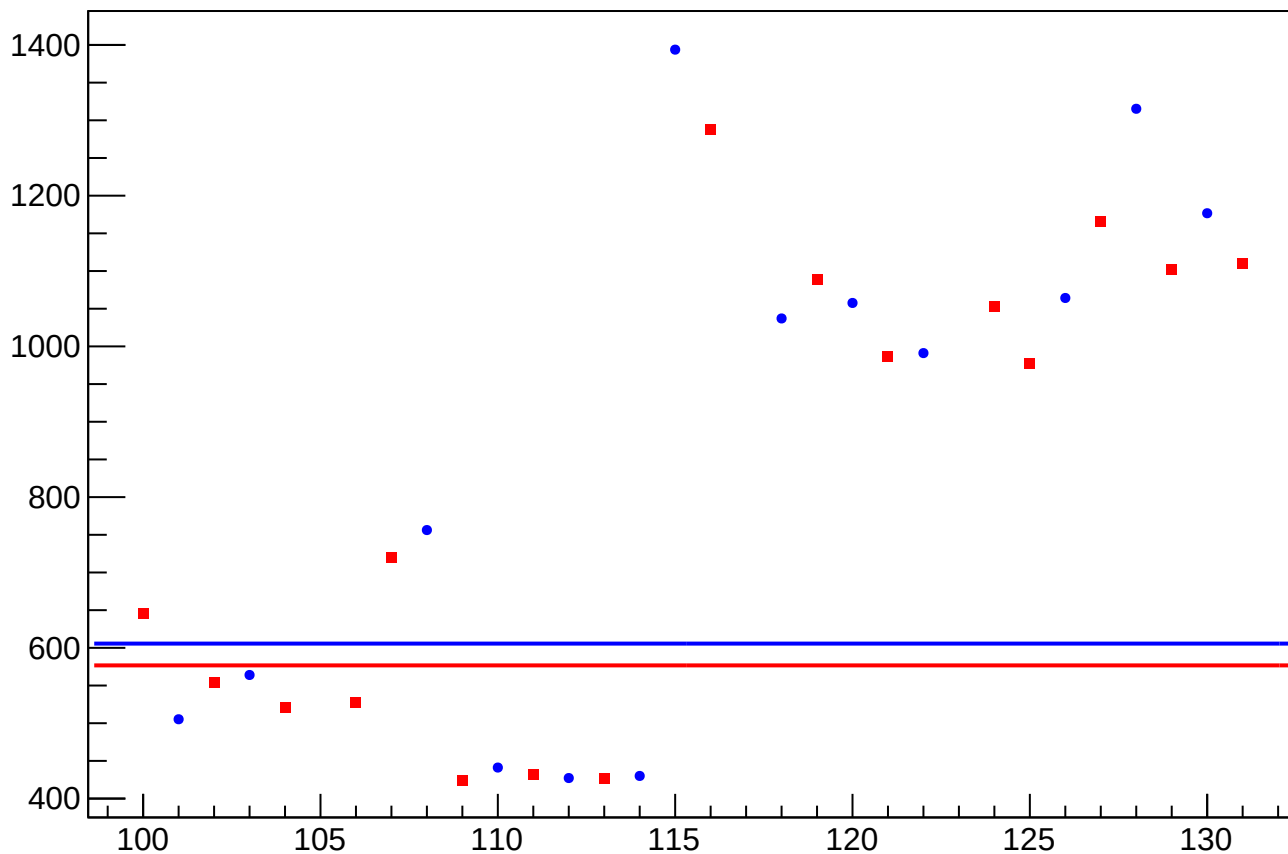
Right: 423.759 $\pm$ 186.239 χ^2 /NDF: 27.8/28

In: 257.567 $\pm$ 280.074 χ^2 /NDF:14.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 423.759 $\pm$ 186.239 χ^2 /NDF: 27.8/28

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.723+/-0.176 χ^2/NDF : 1737660.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

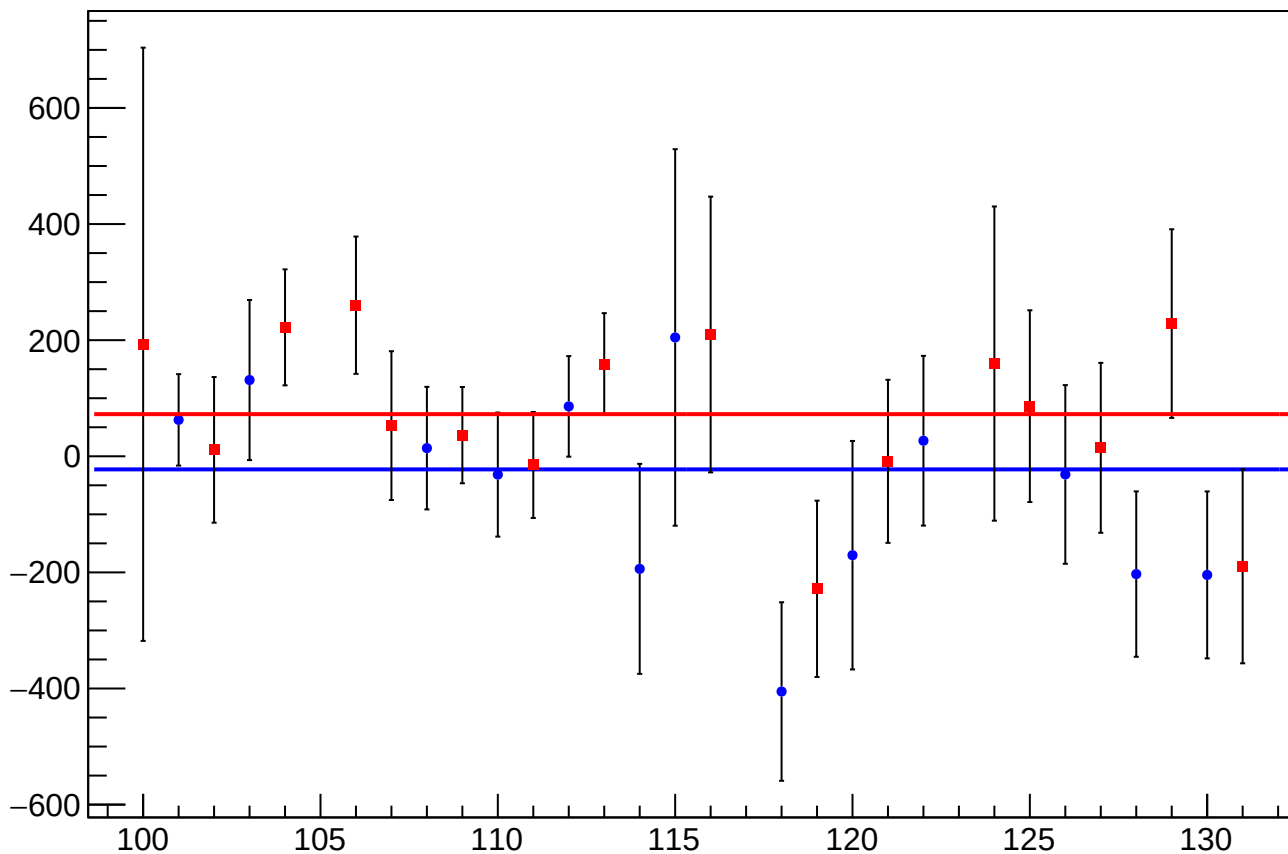
Right: 589.511+/-0.132 χ^2/NDF : 3353399.1/28

In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.511+/-0.132 χ^2/NDF : 3353399.1/28

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.557 ± 31.973 χ^2/NDF : 15.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

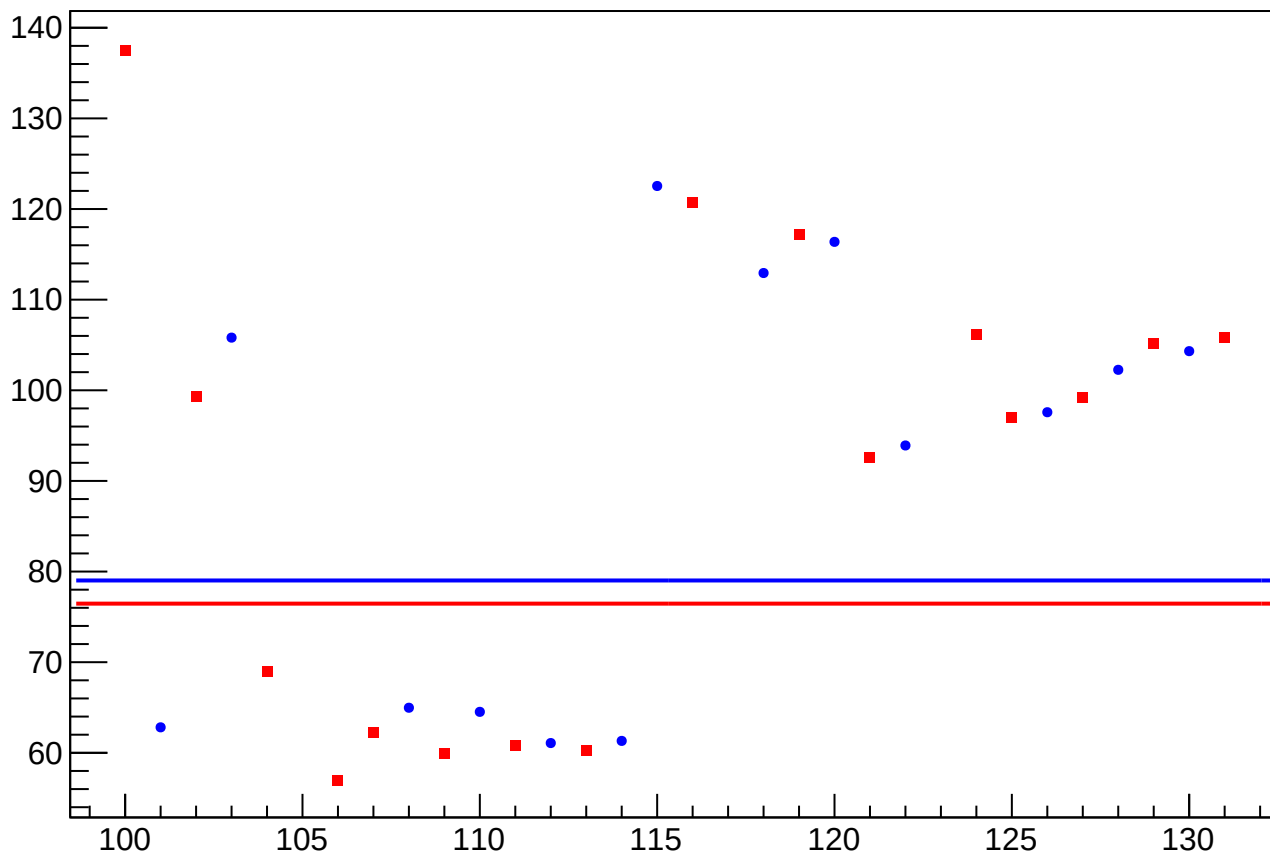
Right: 29.198 ± 23.588 χ^2/NDF : 35.0/28

In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.198 ± 23.588 χ^2/NDF : 35.0/28

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.461+/-0.023 χ^2/NDF : 859073.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

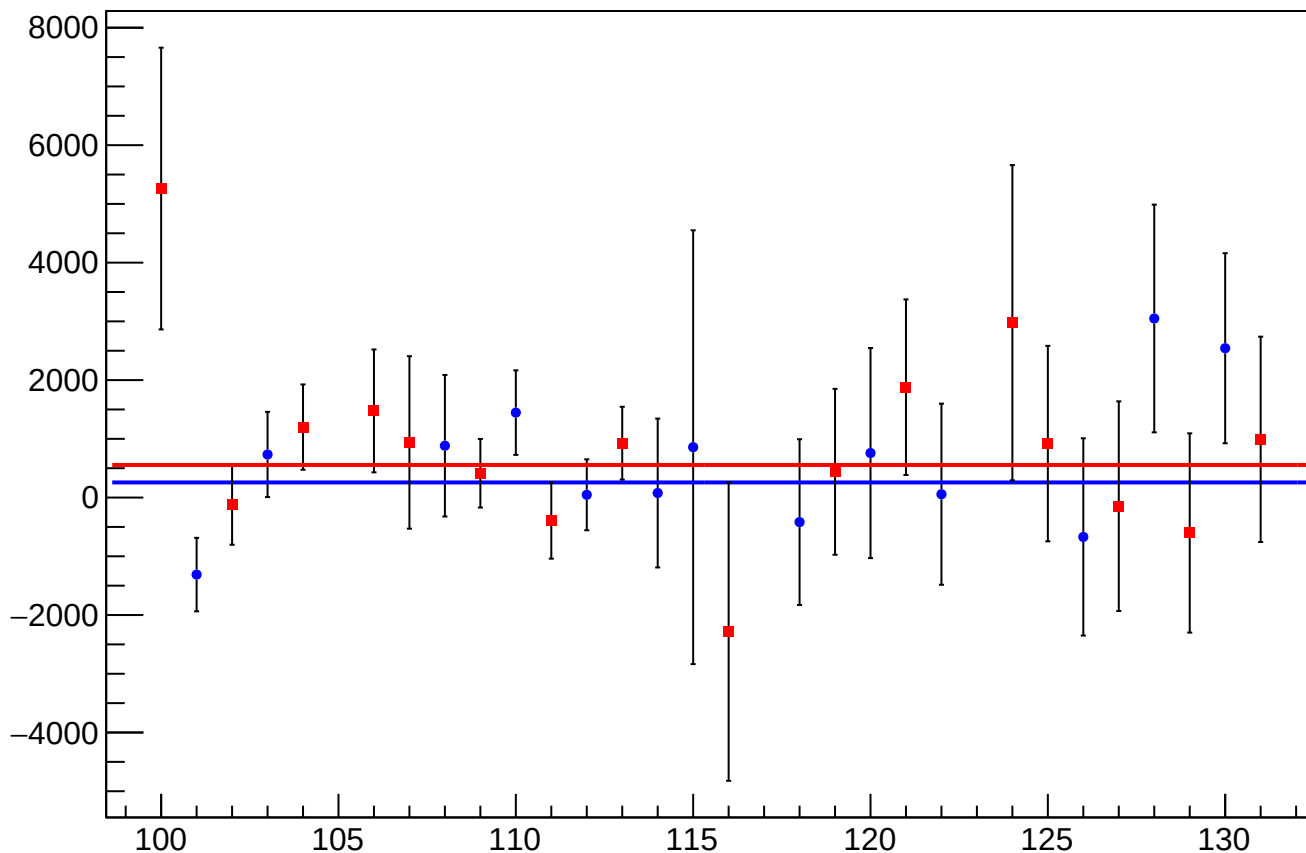
Right: 77.626+/-0.017 χ^2/NDF : 1572589.0/28

In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.626+/-0.017 χ^2/NDF : 1572589.0/28

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 257.567+/-280.074 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.497+/-249.357 χ^2/NDF : 12.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

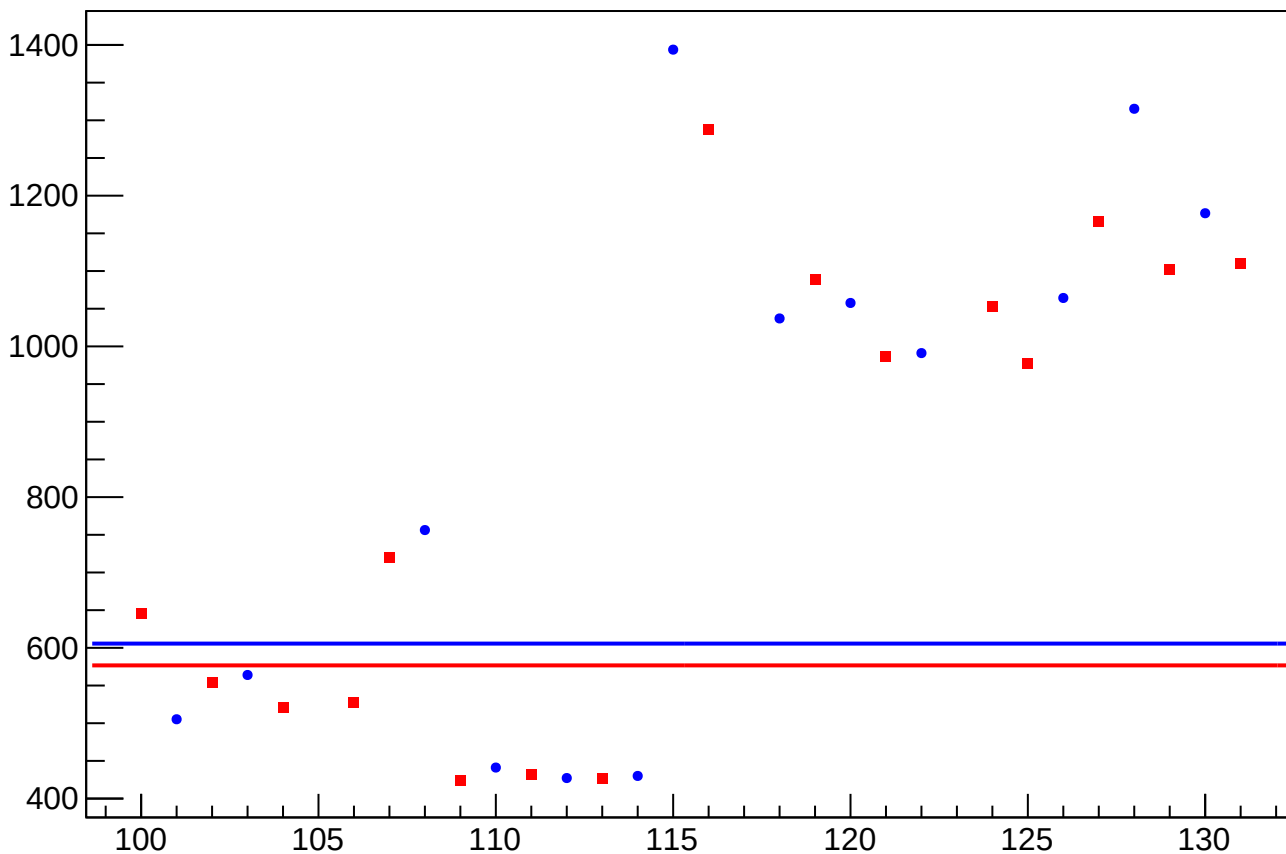
Right: 423.759+/-186.239 χ^2/NDF : 27.8/28

In: 257.567+/-280.074 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.759+/-186.239 χ^2/NDF : 27.8/28

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.723+/-0.176 χ^2/NDF : 1737660.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

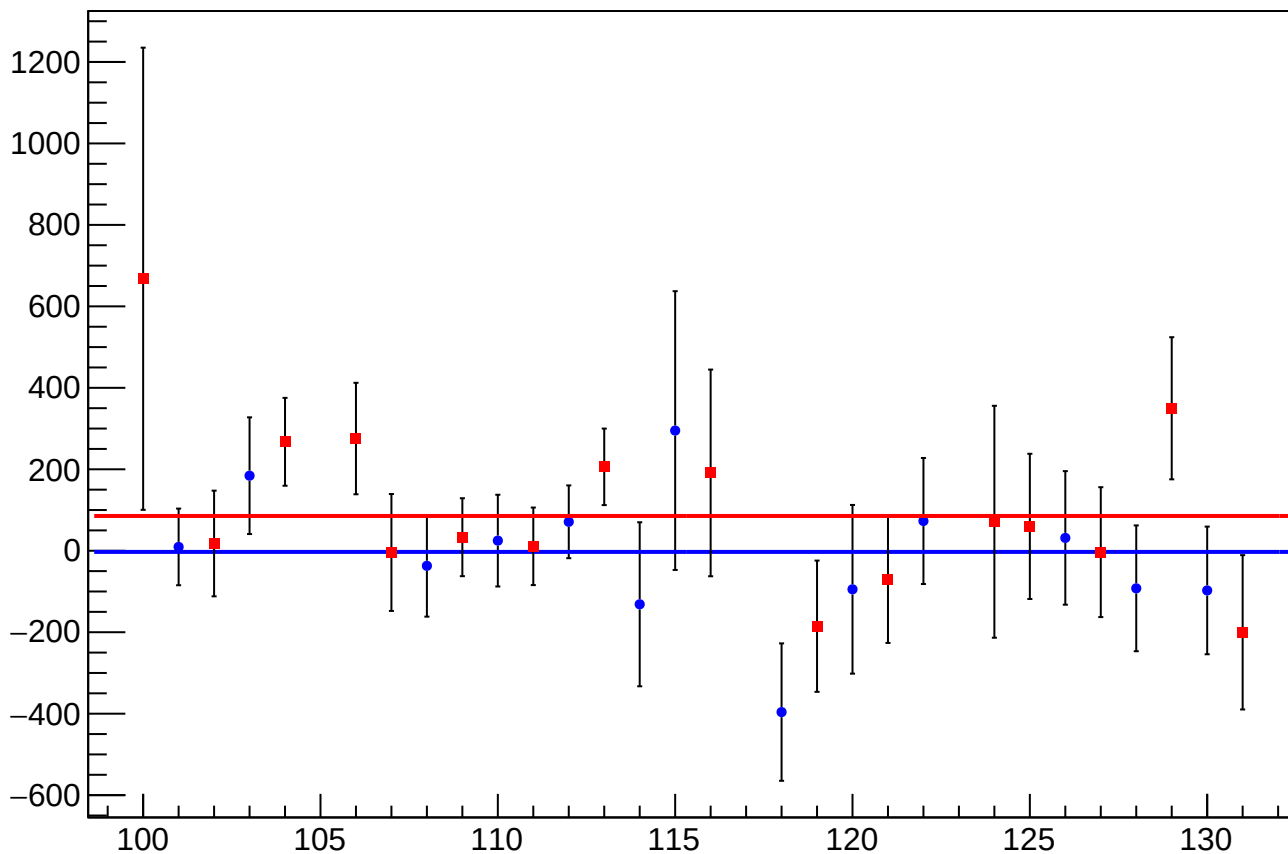
Right: 589.511+/-0.132 χ^2/NDF : 3353399.1/28

In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.511+/-0.132 χ^2/NDF : 3353399.1/28

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -2.820 ± 38.255 $\chi^2/\text{NDF}: 10.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 85.401 ± 34.862 $\chi^2/\text{NDF}: 18.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

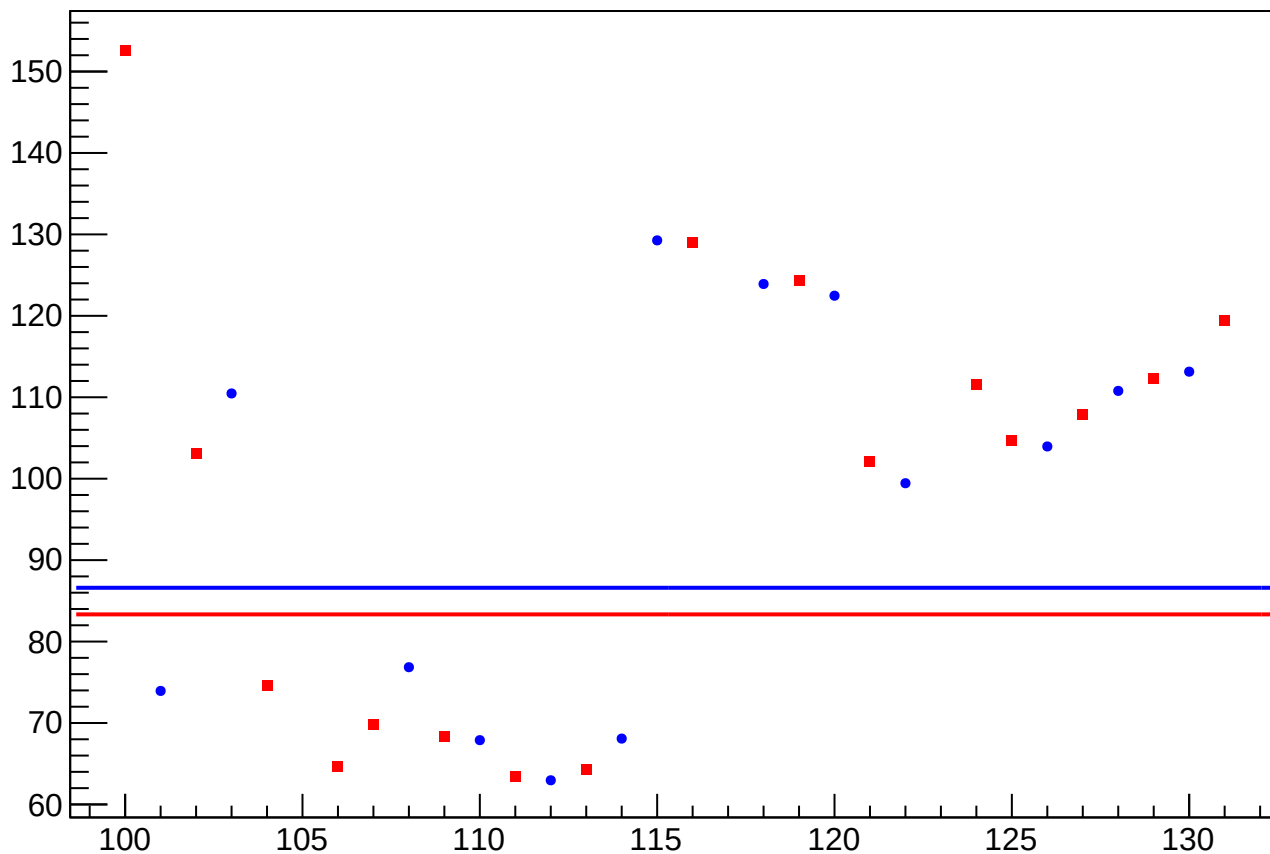
Right: 45.376 ± 25.767 $\chi^2/\text{NDF}: 31.2/28$

In: -2.820 ± 38.255 $\chi^2/\text{NDF}: 10.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 45.376 ± 25.767 $\chi^2/\text{NDF}: 31.2/28$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 86.605+/-0.027 χ^2/NDF : 647585.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.337+/-0.025 χ^2/NDF : 809905.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

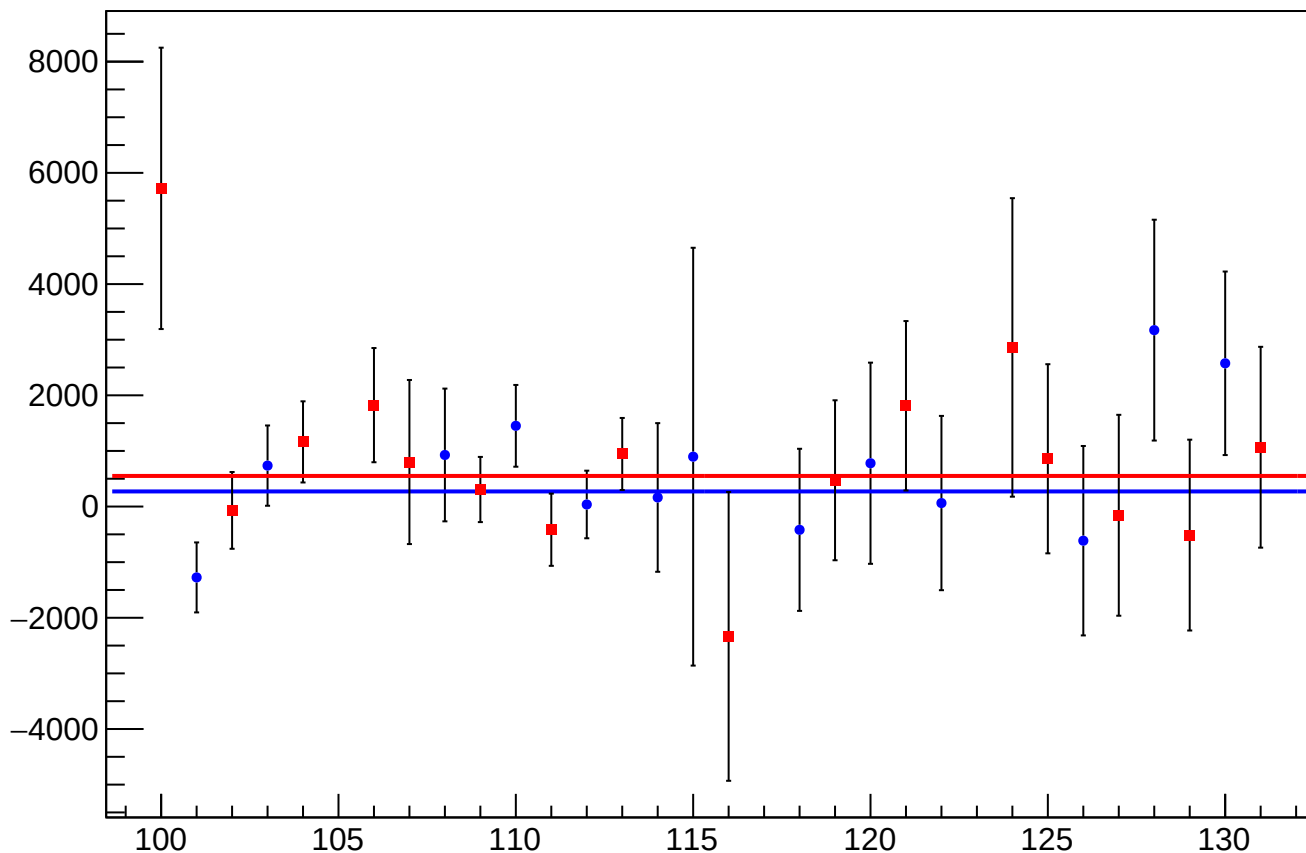
Right: 84.820+/-0.018 χ^2/NDF : 1465465.3/28

In: 86.605+/-0.027 χ^2/NDF : 647585.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.820+/-0.018 χ^2/NDF : 1465465.3/28

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 271.759+/-283.008 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.394+/-252.296 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

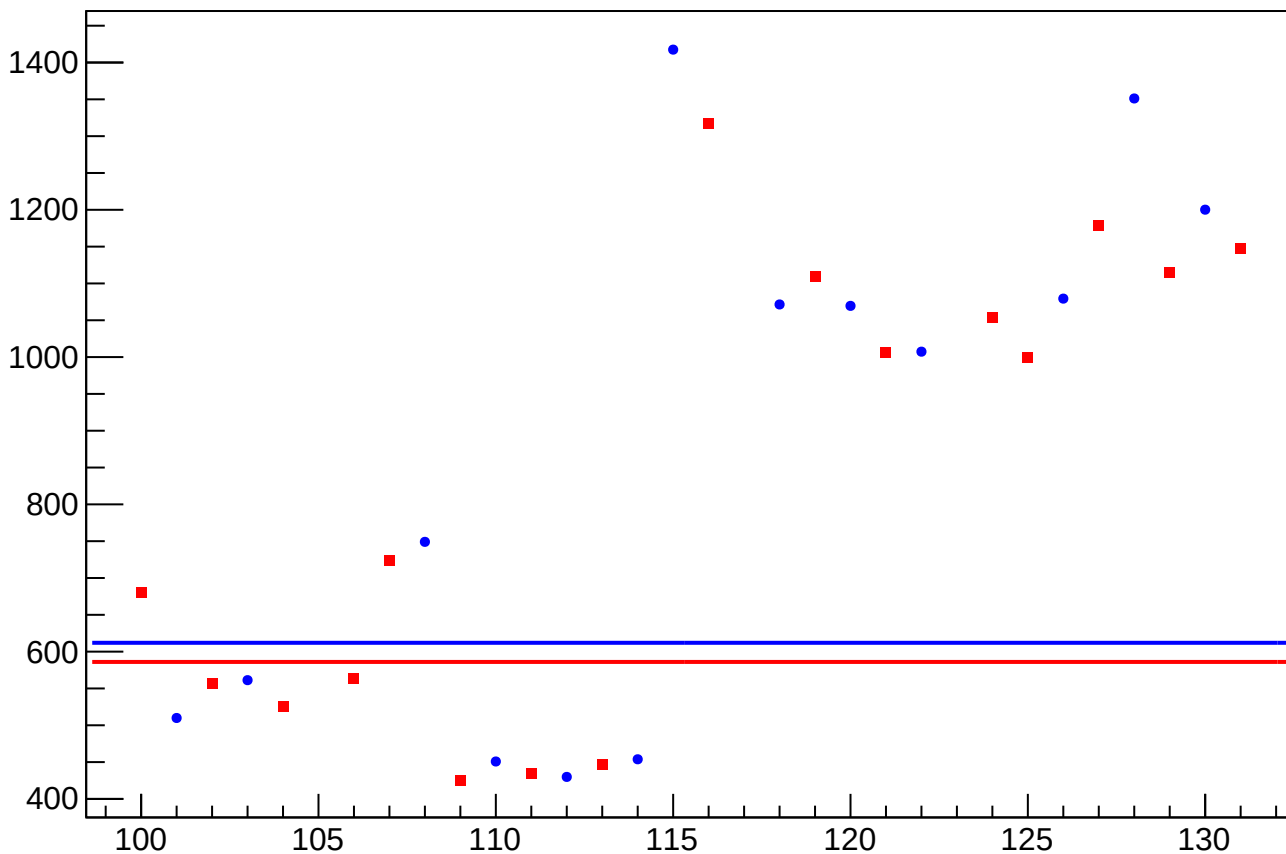
Right: 427.010+/-188.326 χ^2/NDF : 28.1/28

In: 271.759+/-283.008 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.010+/-188.326 χ^2/NDF : 28.1/28

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.012+/-0.200 χ^2/NDF : 1620698.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.022+/-0.178 χ^2/NDF : 1744005.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

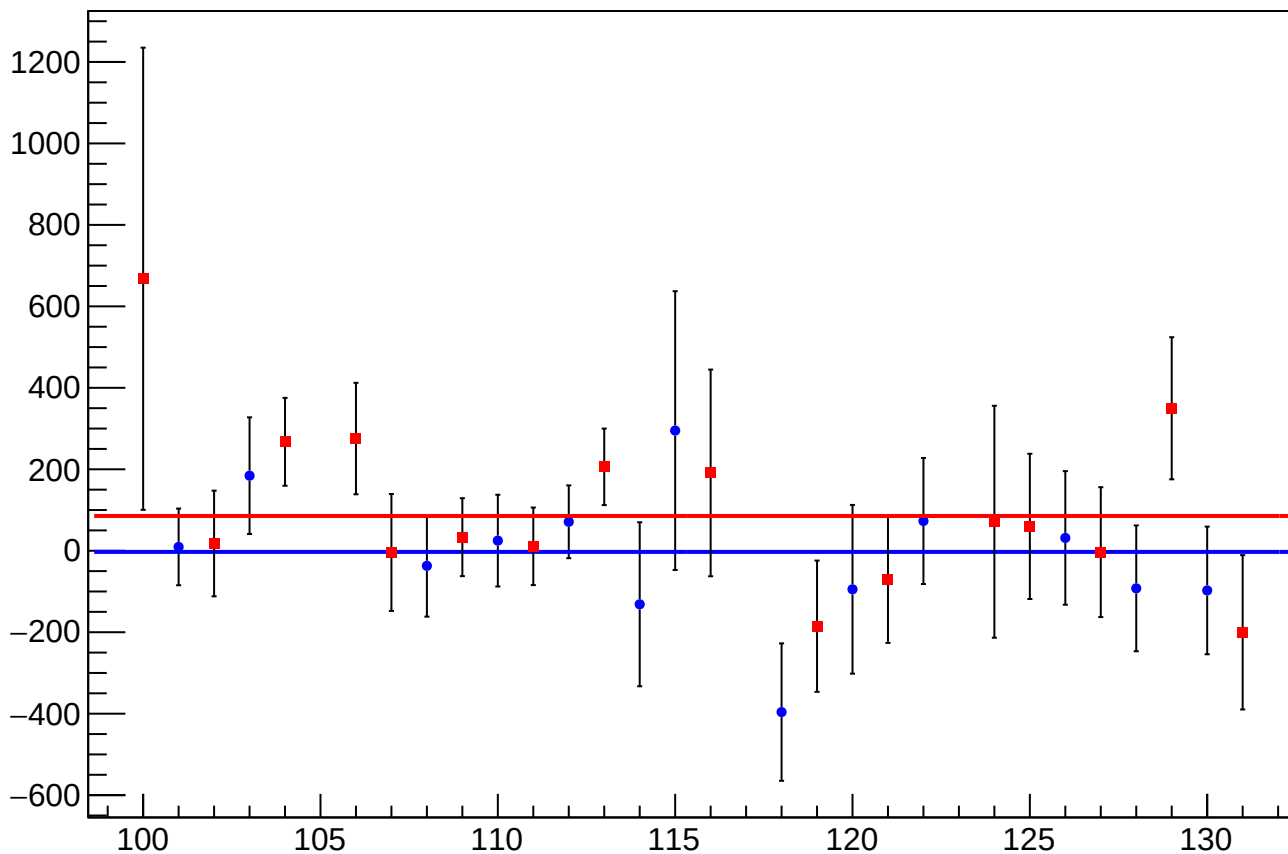
Right: 597.531+/-0.133 χ^2/NDF : 3374101.4/28

In: 612.012+/-0.200 χ^2/NDF : 1620698.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.531+/-0.133 χ^2/NDF : 3374101.4/28

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -2.820 ± 38.255 $\chi^2/\text{NDF}: 10.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 85.401 ± 34.862 $\chi^2/\text{NDF}: 18.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

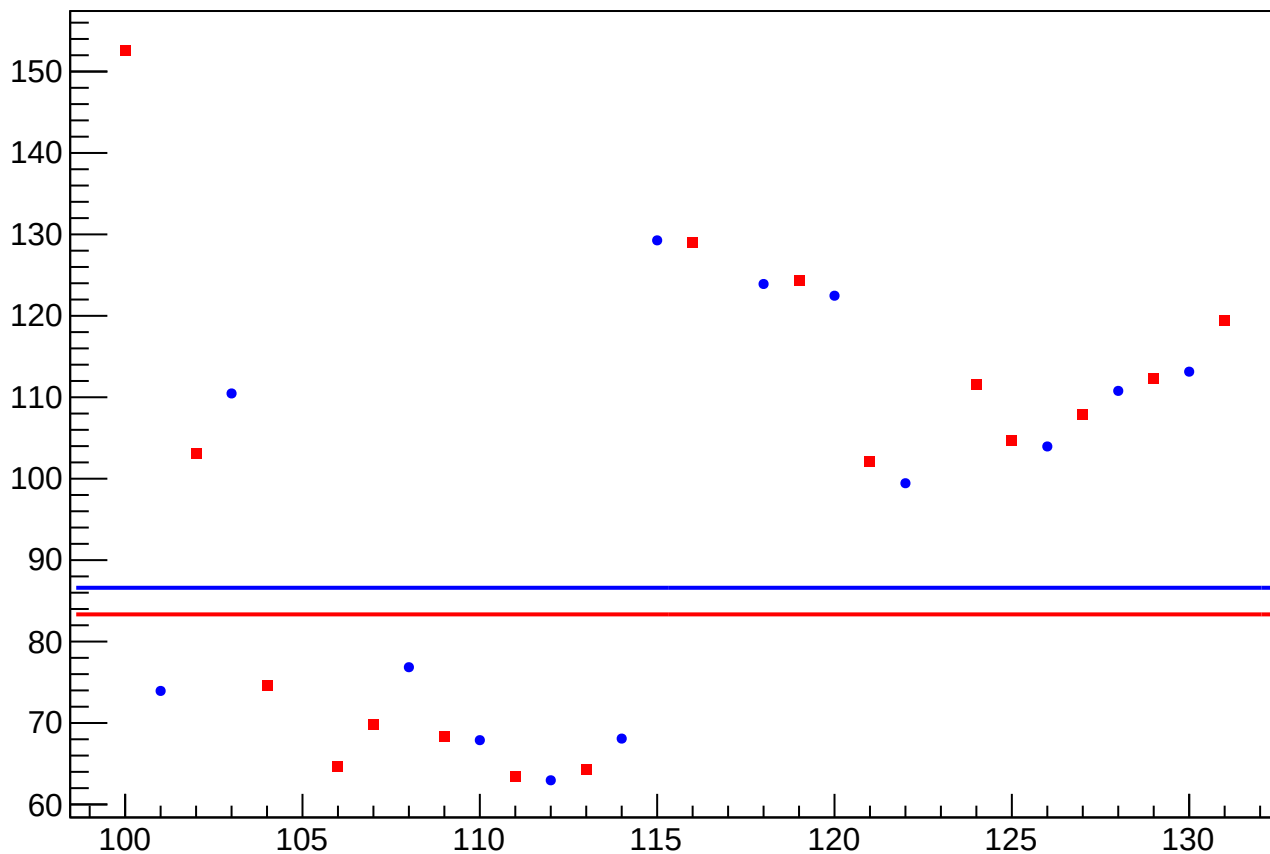
Right: 45.376 ± 25.767 $\chi^2/\text{NDF}: 31.2/28$

In: -2.820 ± 38.255 $\chi^2/\text{NDF}: 10.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 45.376 ± 25.767 $\chi^2/\text{NDF}: 31.2/28$

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 86.605+/-0.027 χ^2/NDF : 647587.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.337+/-0.025 χ^2/NDF : 809906.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

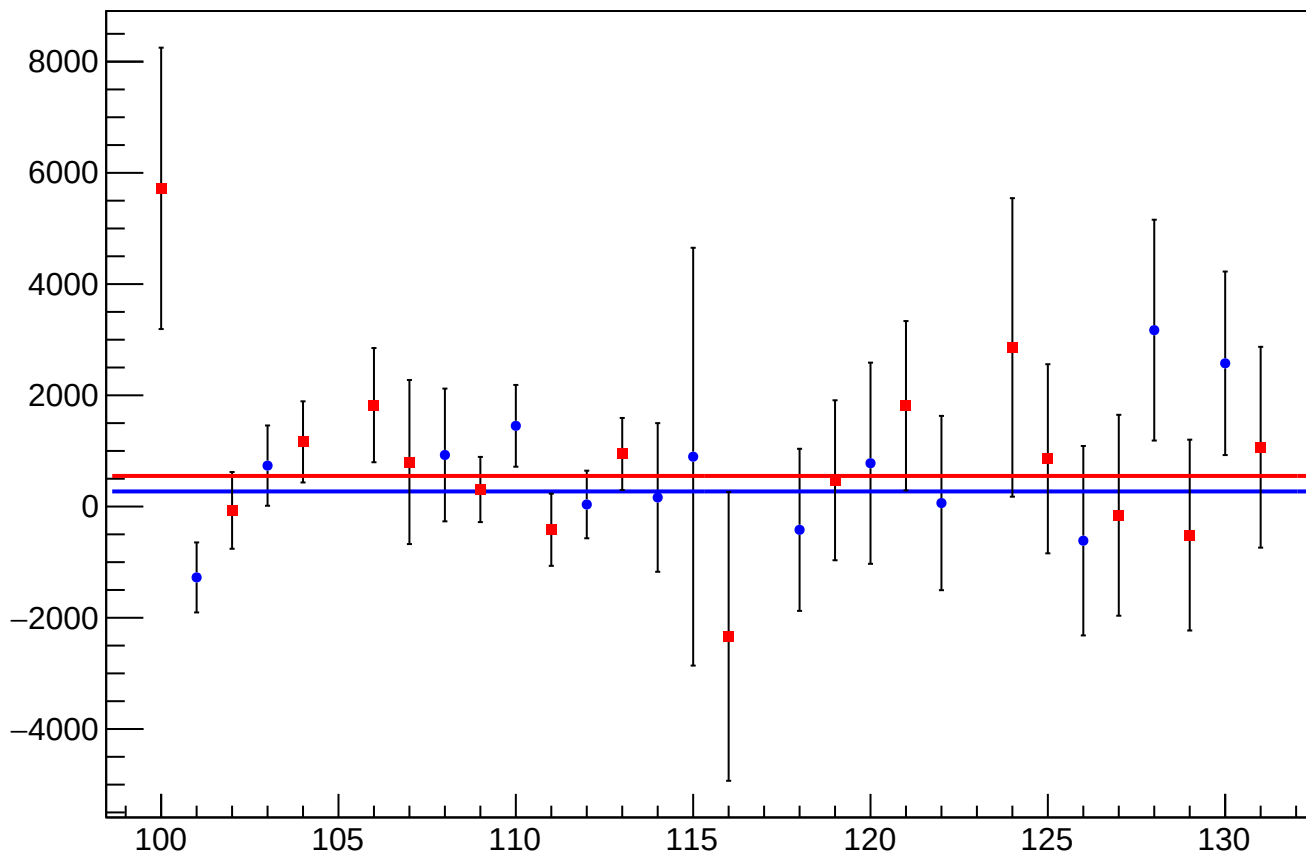
Right: 84.820+/-0.018 χ^2/NDF : 1465467.3/28

In: 86.605+/-0.027 χ^2/NDF : 647587.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.820+/-0.018 χ^2/NDF : 1465467.3/28

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 271.758+/-283.008 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.393+/-252.296 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

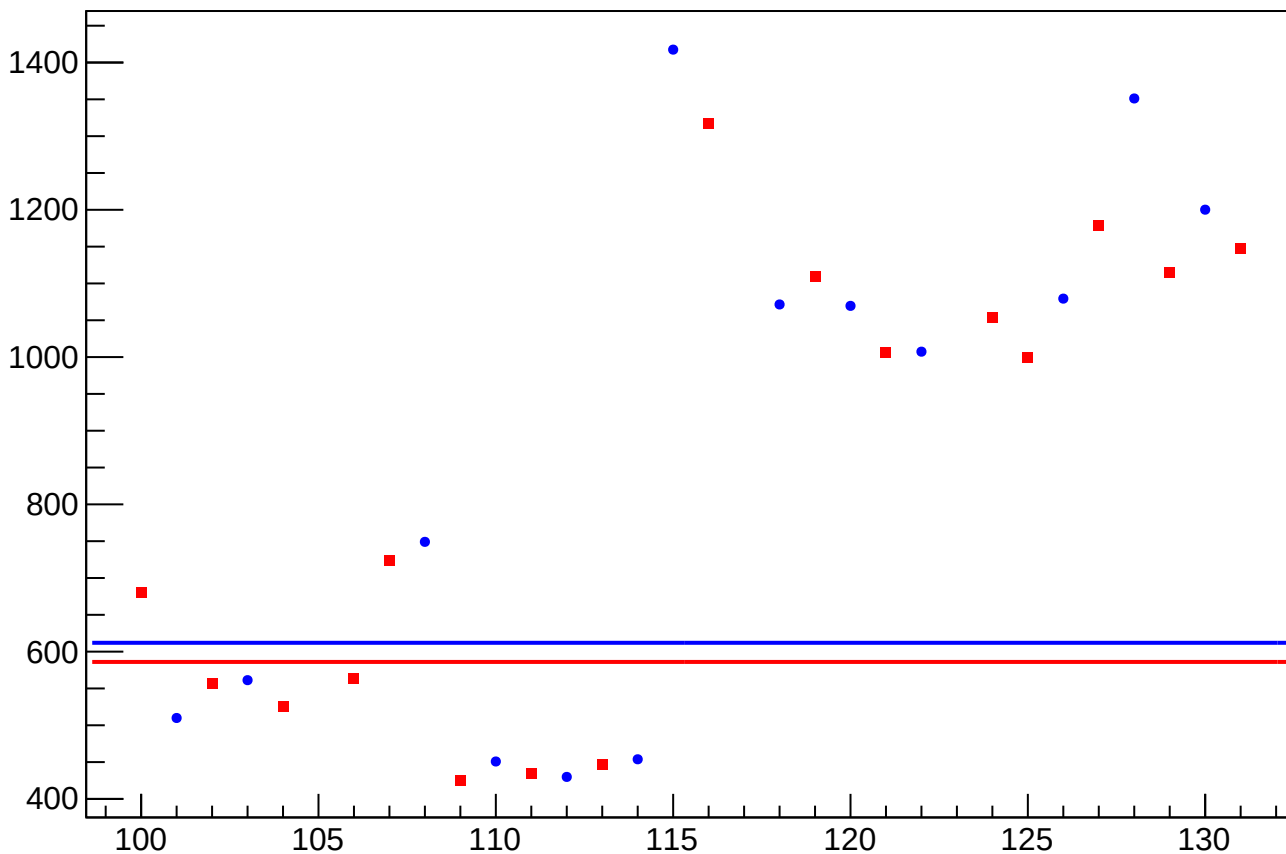
Right: 427.010+/-188.326 χ^2/NDF : 28.1/28

In: 271.758+/-283.008 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.010+/-188.326 χ^2/NDF : 28.1/28

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.011+/-0.200 χ^2/NDF : 1620703.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.022+/-0.178 χ^2/NDF : 1744008.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

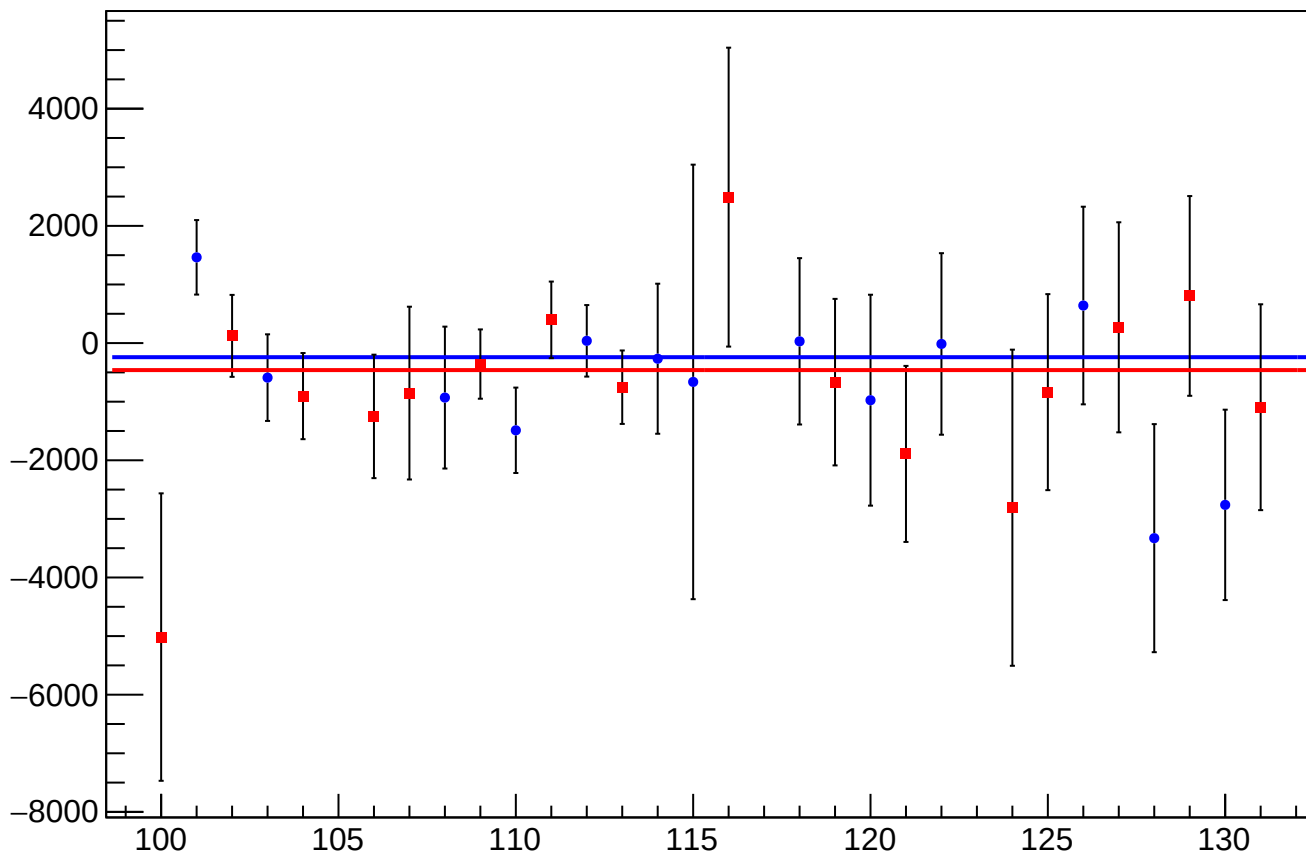
Right: 597.530+/-0.133 χ^2/NDF : 3374110.0/28

In: 612.011+/-0.200 χ^2/NDF : 1620703.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.530+/-0.133 χ^2/NDF : 3374110.0/28

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -240.608 $\pm$ 283.362 χ^2 /NDF: 16.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -460.879 $\pm$ 252.050 χ^2 /NDF: 11.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

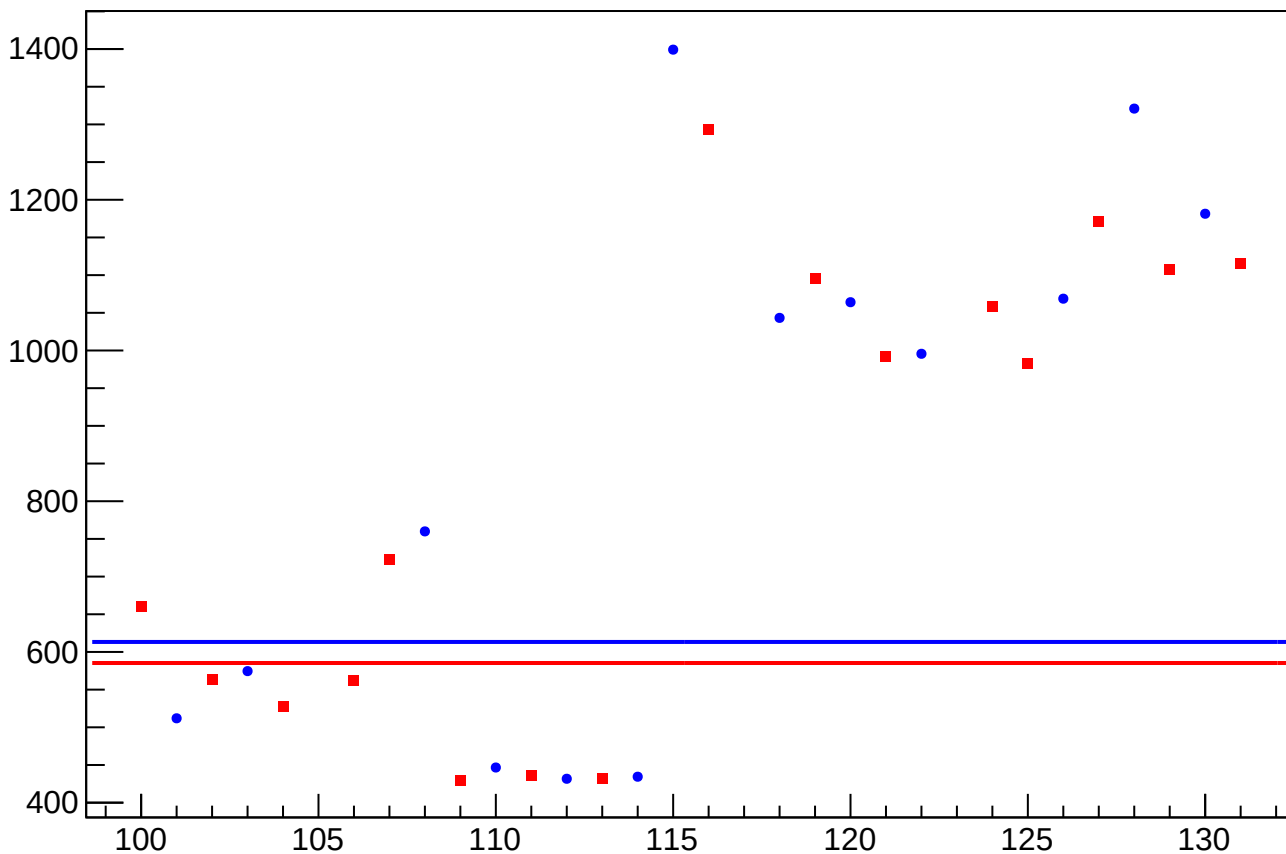
Right: -363.581 $\pm$ 188.327 χ^2 /NDF: 27.7/28

In: -240.608 $\pm$ 283.362 χ^2 /NDF:16.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -363.581 $\pm$ 188.327 χ^2 /NDF: 27.7/28

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 613.268+/-0.200 χ^2/NDF : 1582136.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.327+/-0.178 χ^2/NDF : 1713003.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

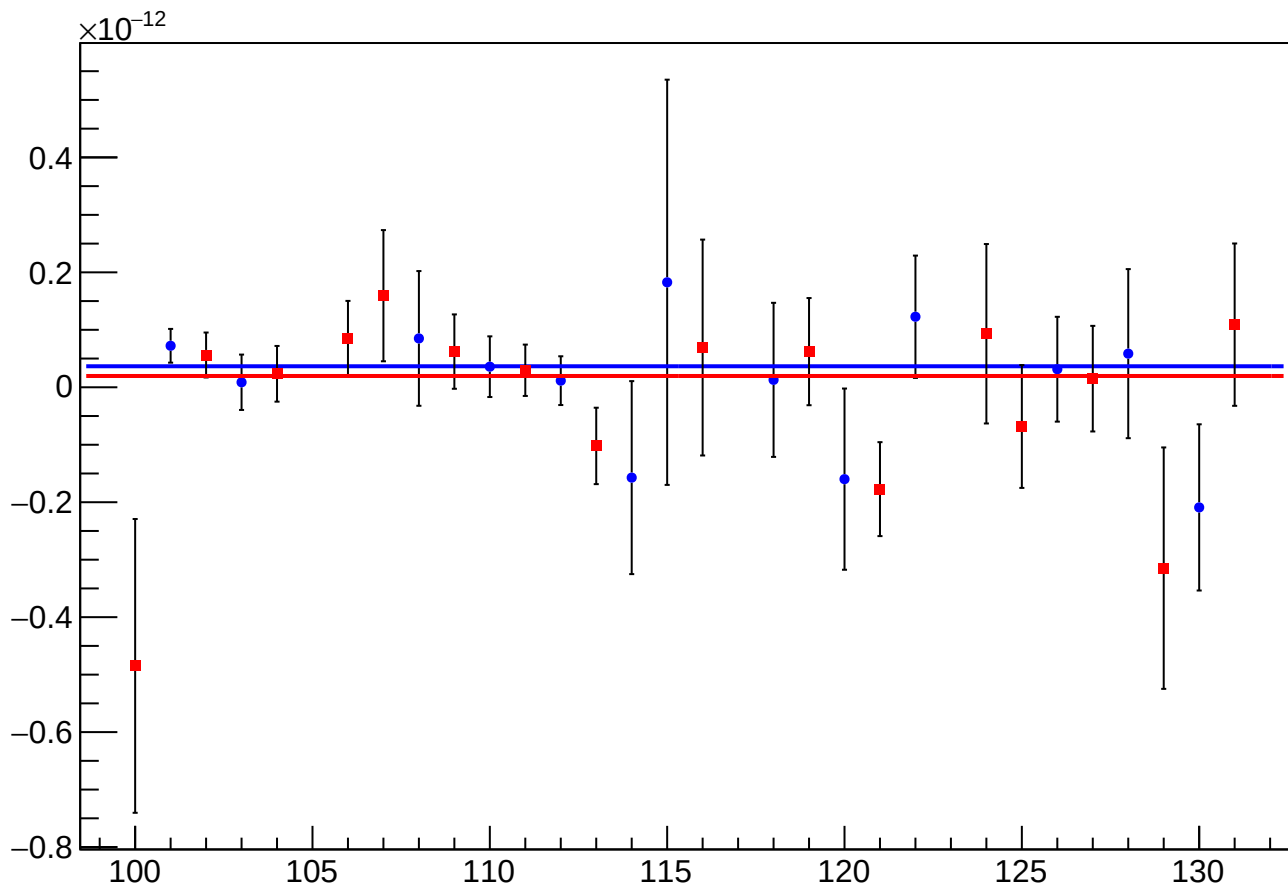
Right: 597.669+/-0.133 χ^2/NDF : 3305995.9/28

In: 613.268+/-0.200 χ^2/NDF : 1582136.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.669+/-0.133 χ^2/NDF : 3305995.9/28

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

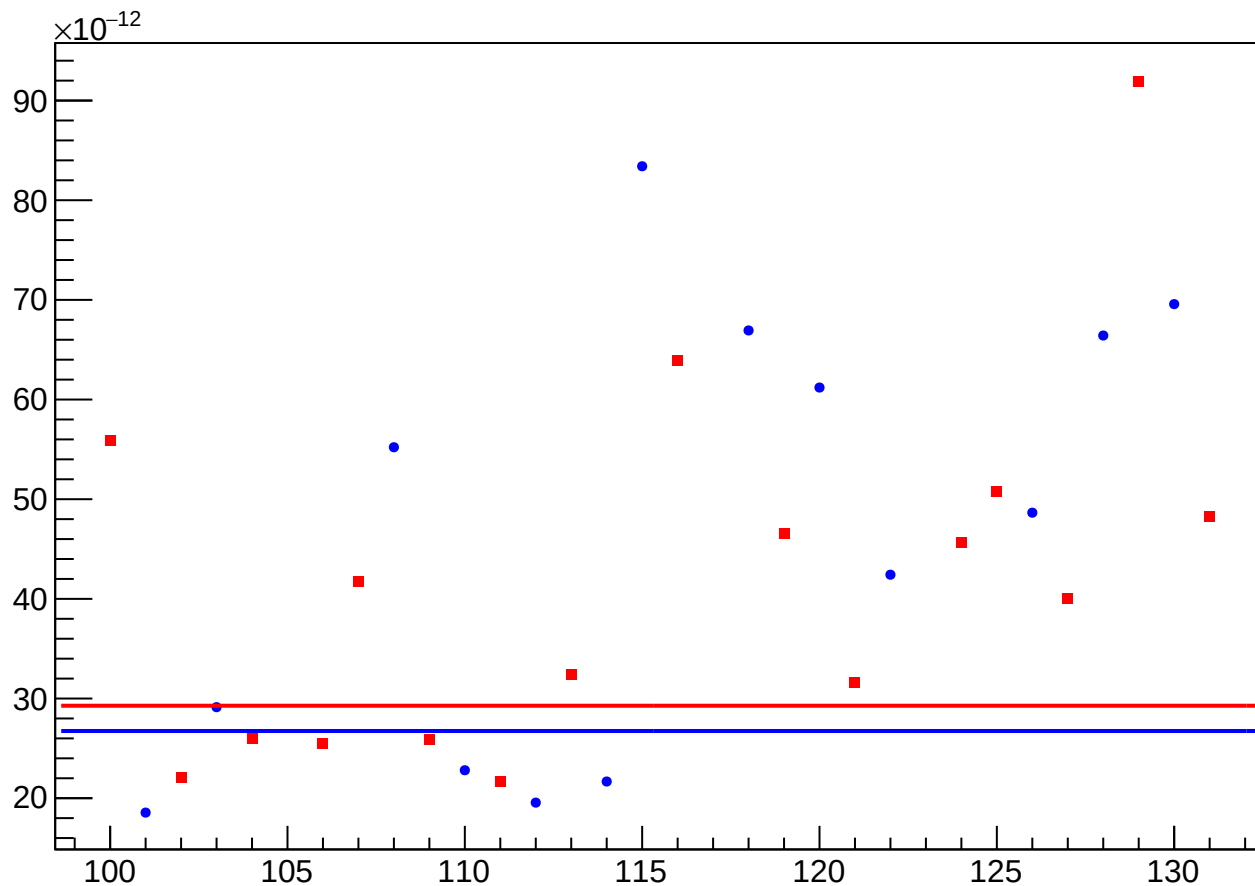
Right: 0.000+/-0.000 χ^2/NDF : 30.4/28

In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.4/28

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1155584.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 680372.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

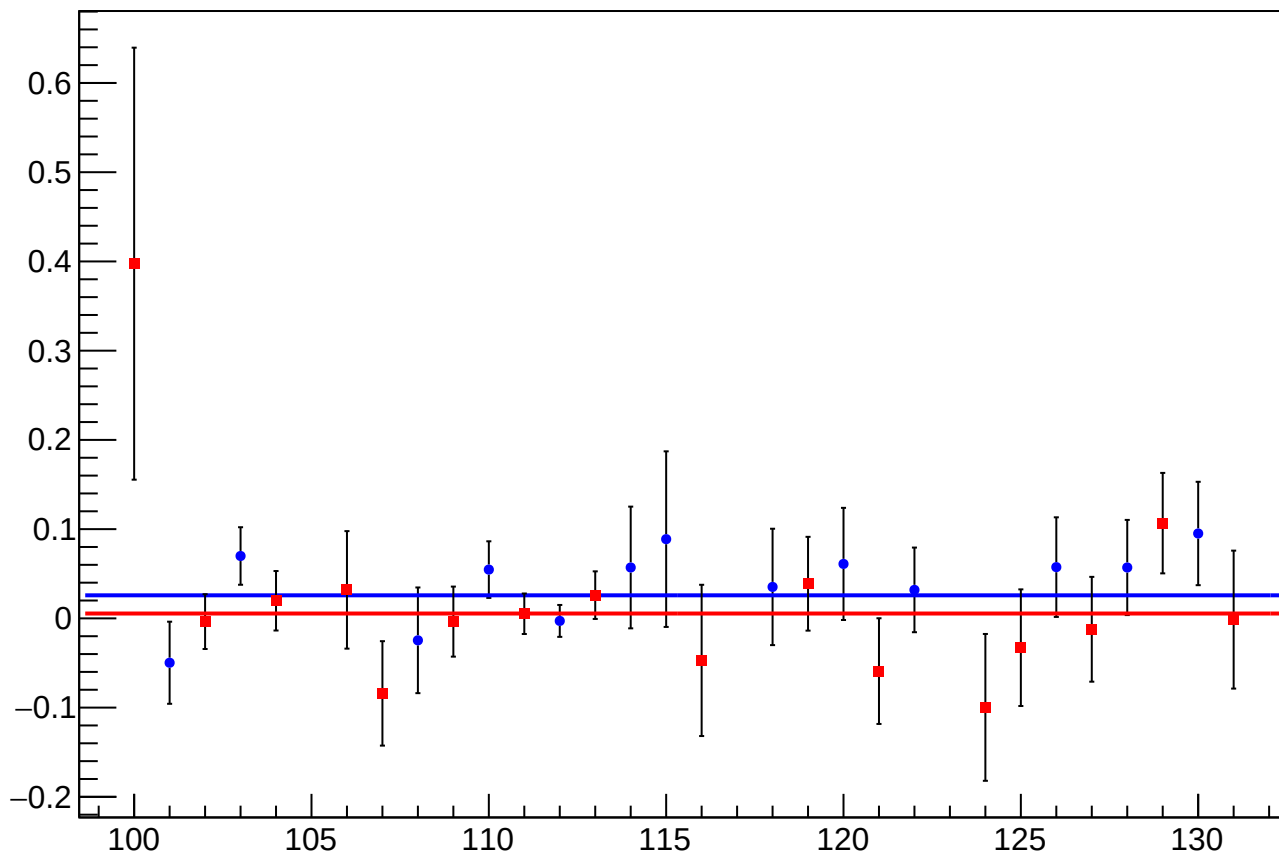
Right: 0.000+/-0.000 χ^2/NDF : 1855254.4/28

In: 0.000+/-0.000 χ^2/NDF : 1155584.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1855254.4/28

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

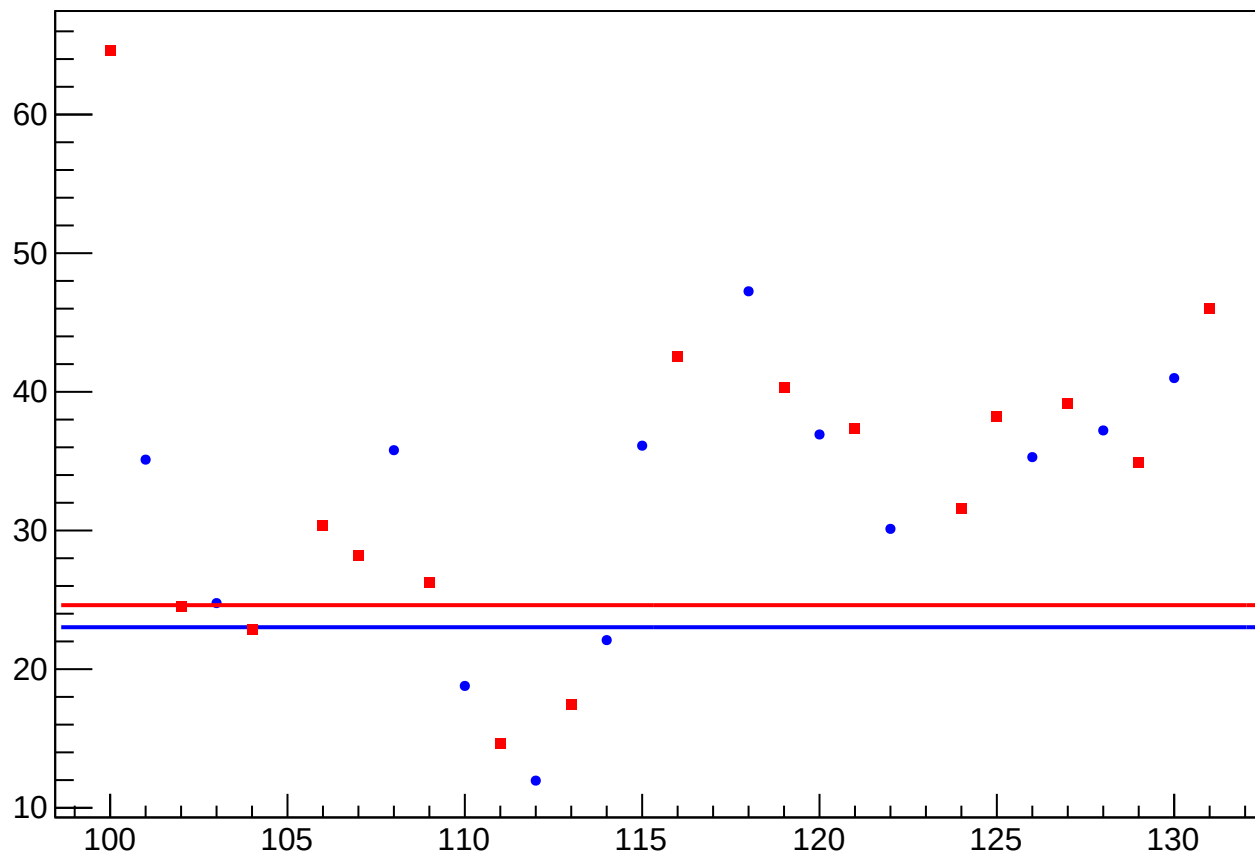
Right: 0.015 $\pm$ 0.008 χ^2 /NDF: 26.8/28

In: 0.026 $\pm$ 0.011 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 26.8/28

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423593.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

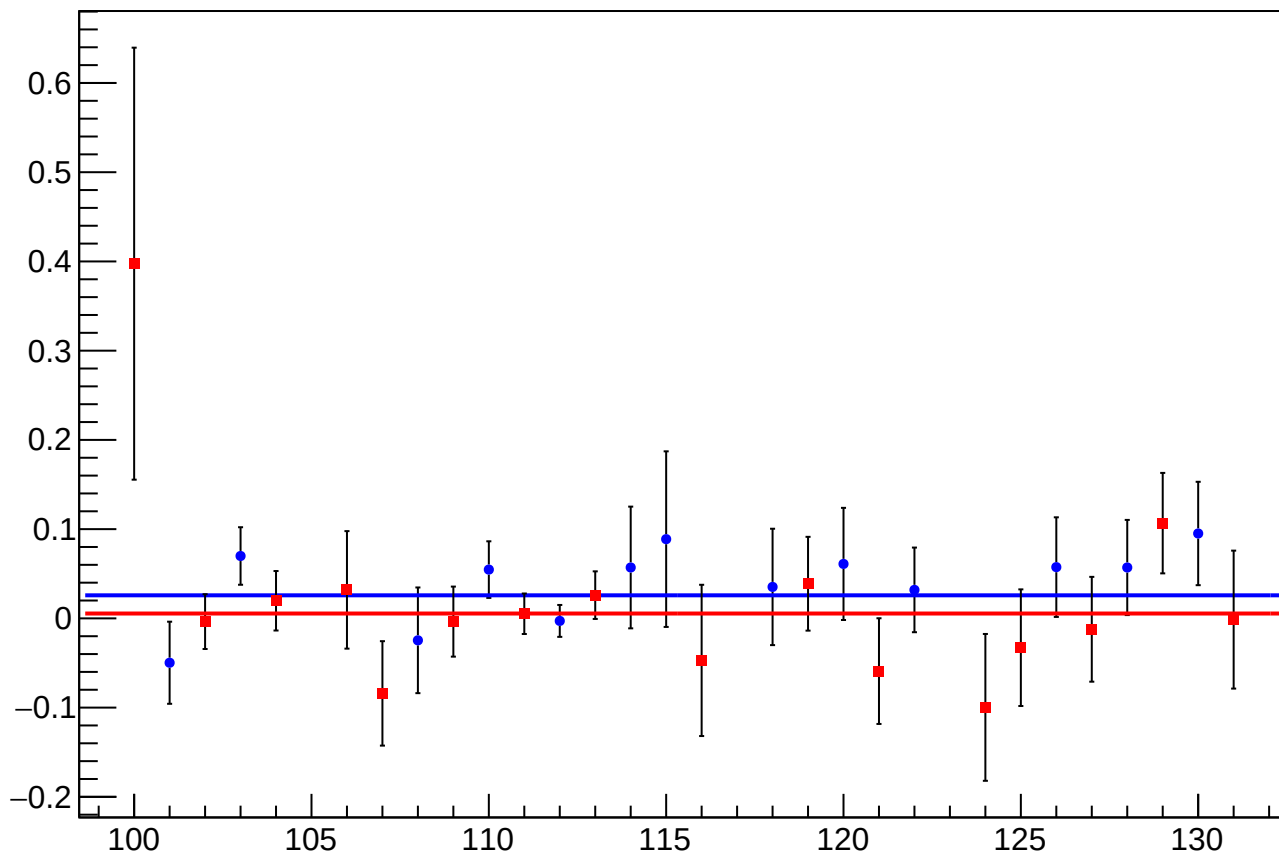
Right: 23.839+/-0.006 χ^2/NDF : 3367914.4/28

In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.839+/-0.006 χ^2/NDF : 3367914.4/28

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

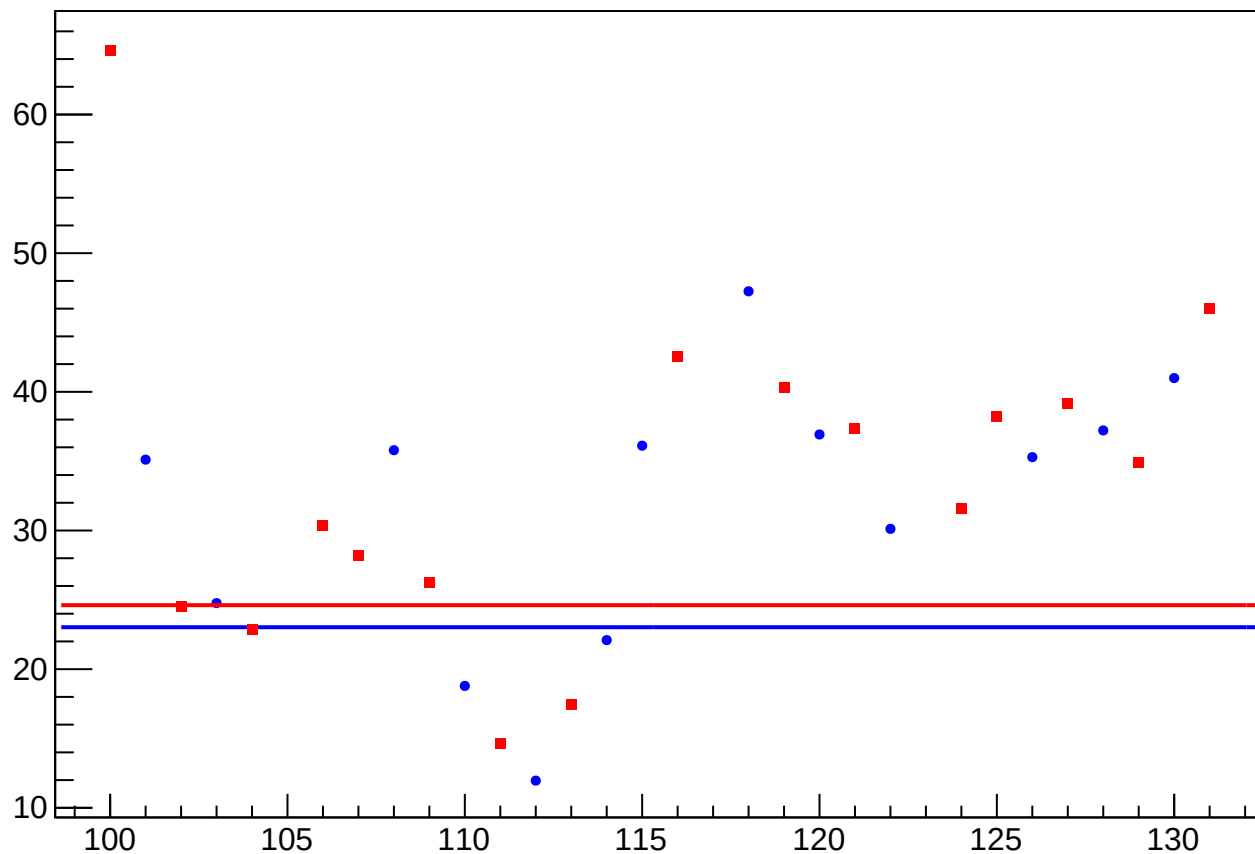
Right: 0.015 $\pm$ 0.008 χ^2 /NDF: 26.8/28

In: 0.026 $\pm$ 0.011 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 26.8/28

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423593.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

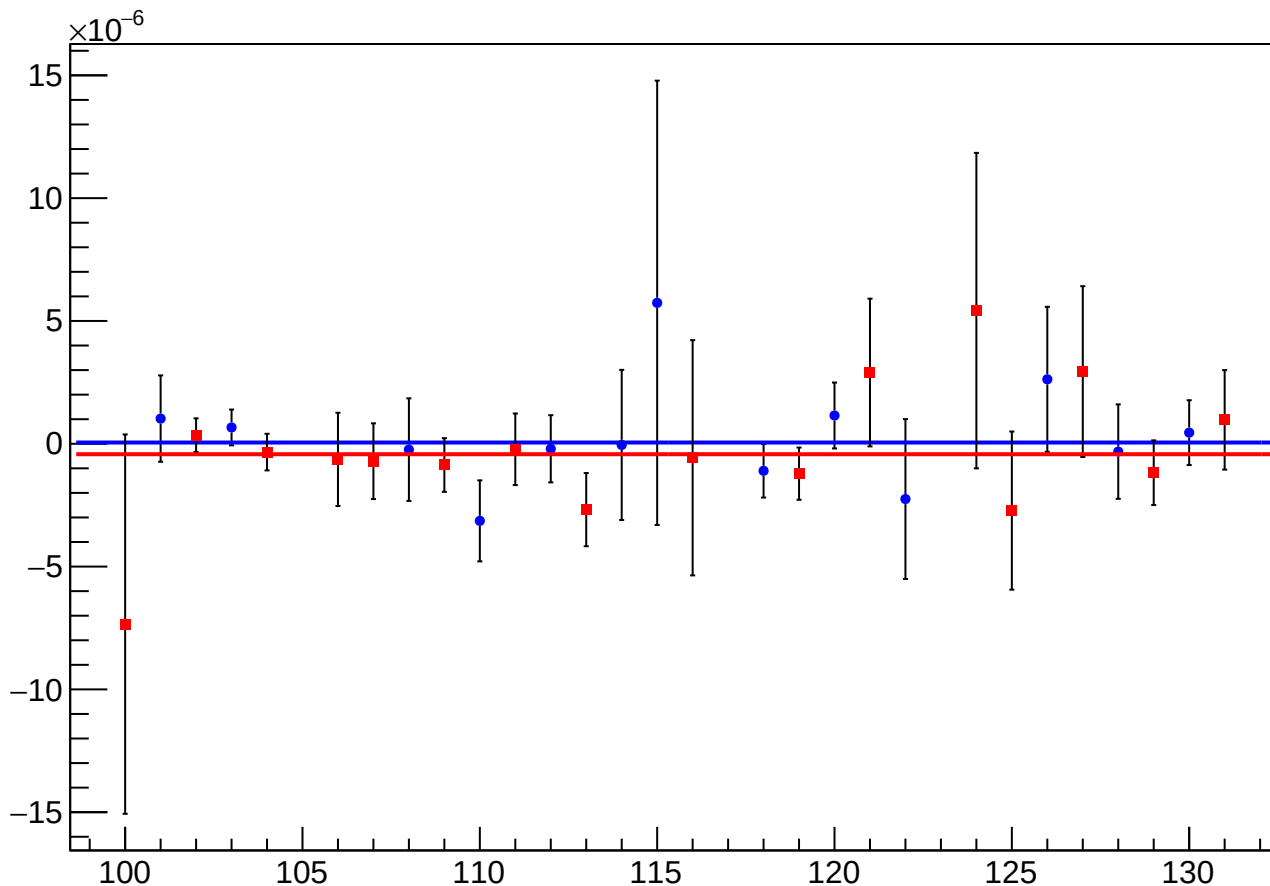
Right: 23.839+/-0.006 χ^2/NDF : 3367914.4/28

In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.839+/-0.006 χ^2/NDF : 3367914.4/28

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 8.4/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 9.5/15

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

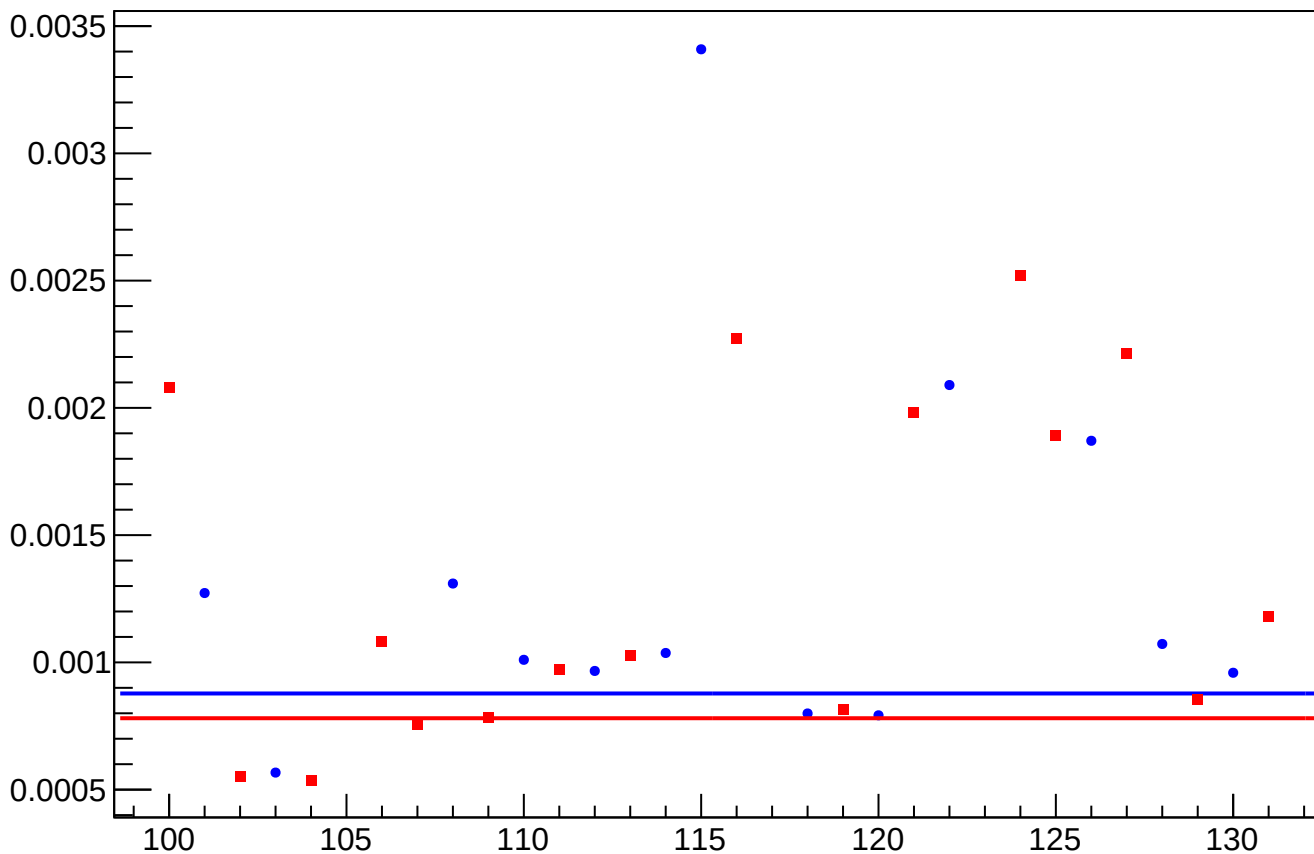
Right: -0.000 +/- 0.000 χ^2/NDF : 18.7/28

In: 0.000 +/- 0.000 χ^2/NDF : 8.4/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 18.7/28

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1283560.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1964208.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

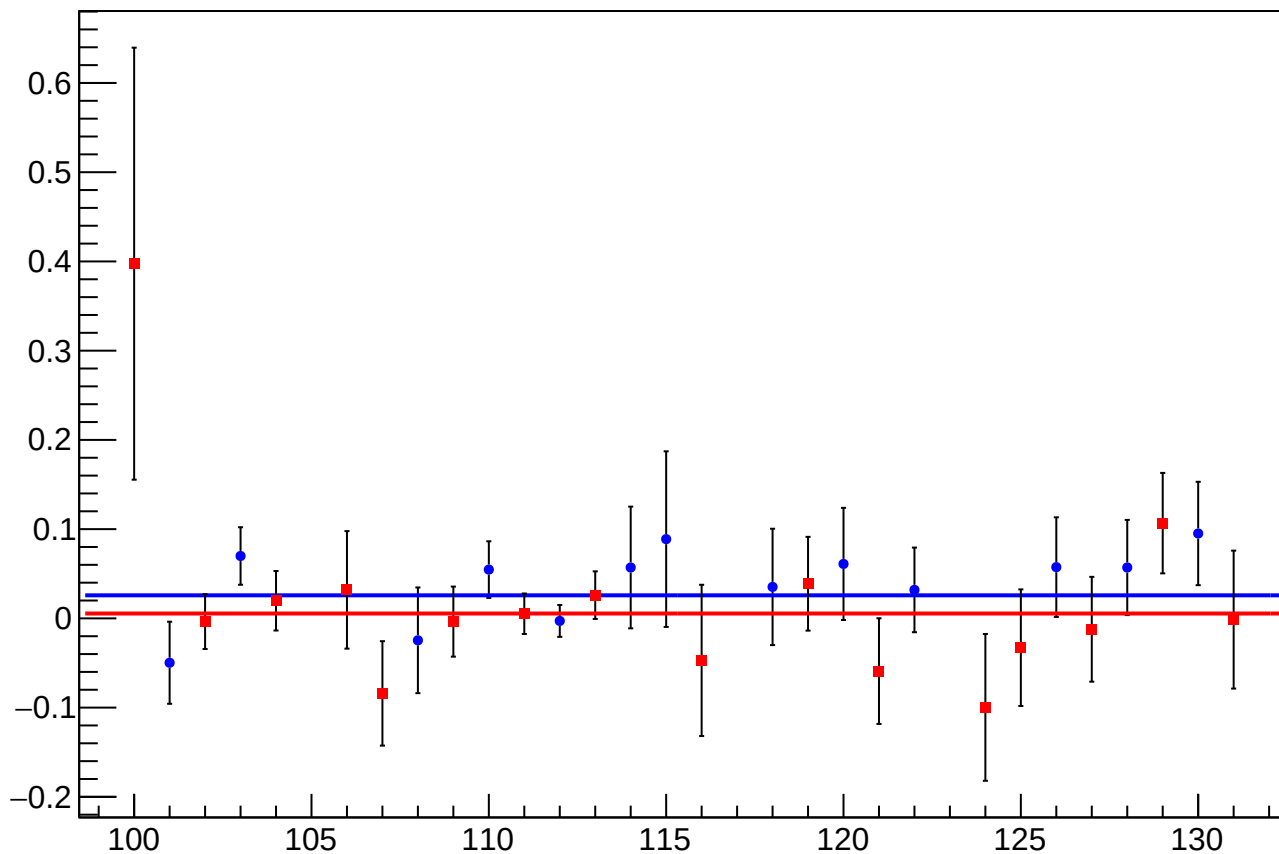
Right: 0.001+/-0.000 χ^2/NDF : 3313631.2/28

In: 0.001+/-0.000 χ^2/NDF : 1283560.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3313631.2/28

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 ± 0.011 $\chi^2/\text{NDF}: 11.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.005 ± 0.011 $\chi^2/\text{NDF}: 13.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

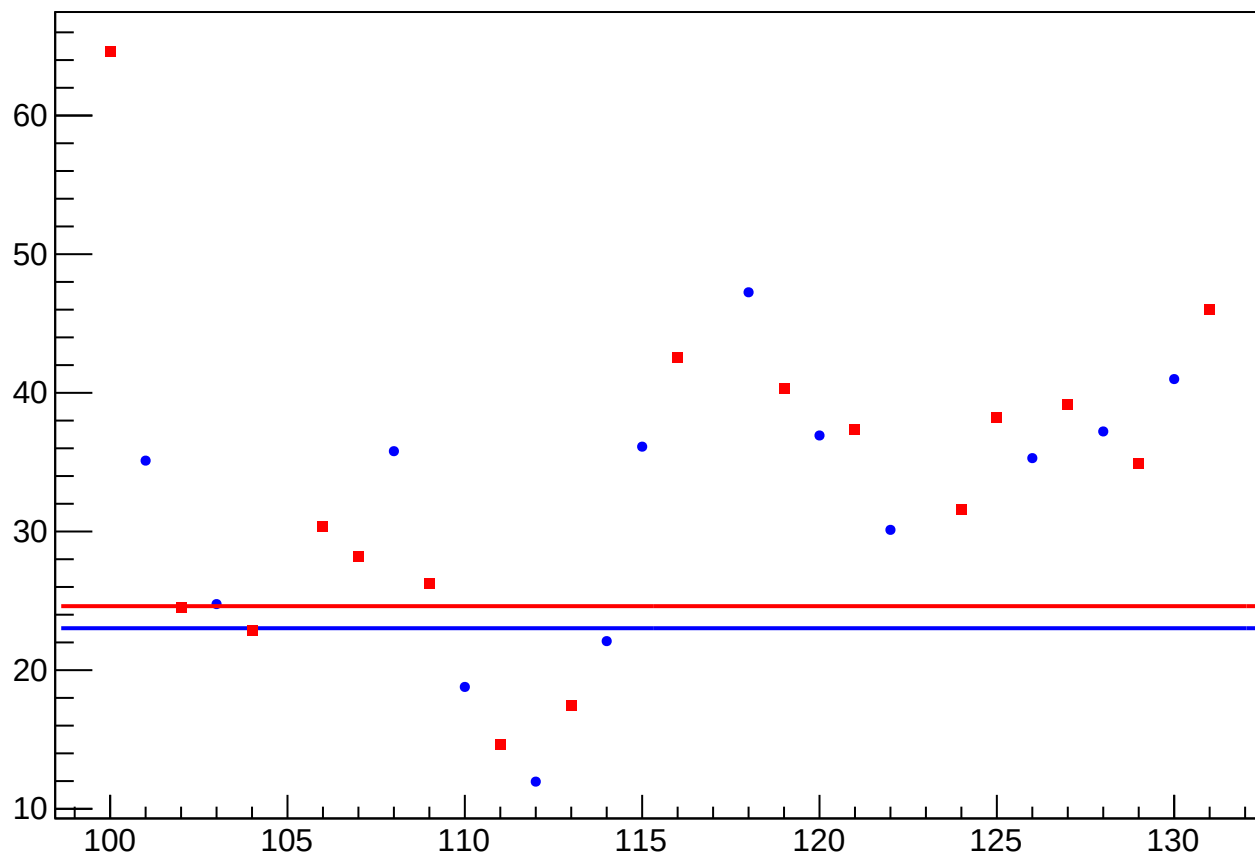
Right: 0.015 ± 0.008 $\chi^2/\text{NDF}: 26.8/28$

In: 0.026 ± 0.011 $\chi^2/\text{NDF}: 11.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.015 ± 0.008 $\chi^2/\text{NDF}: 26.8/28$

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423709.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

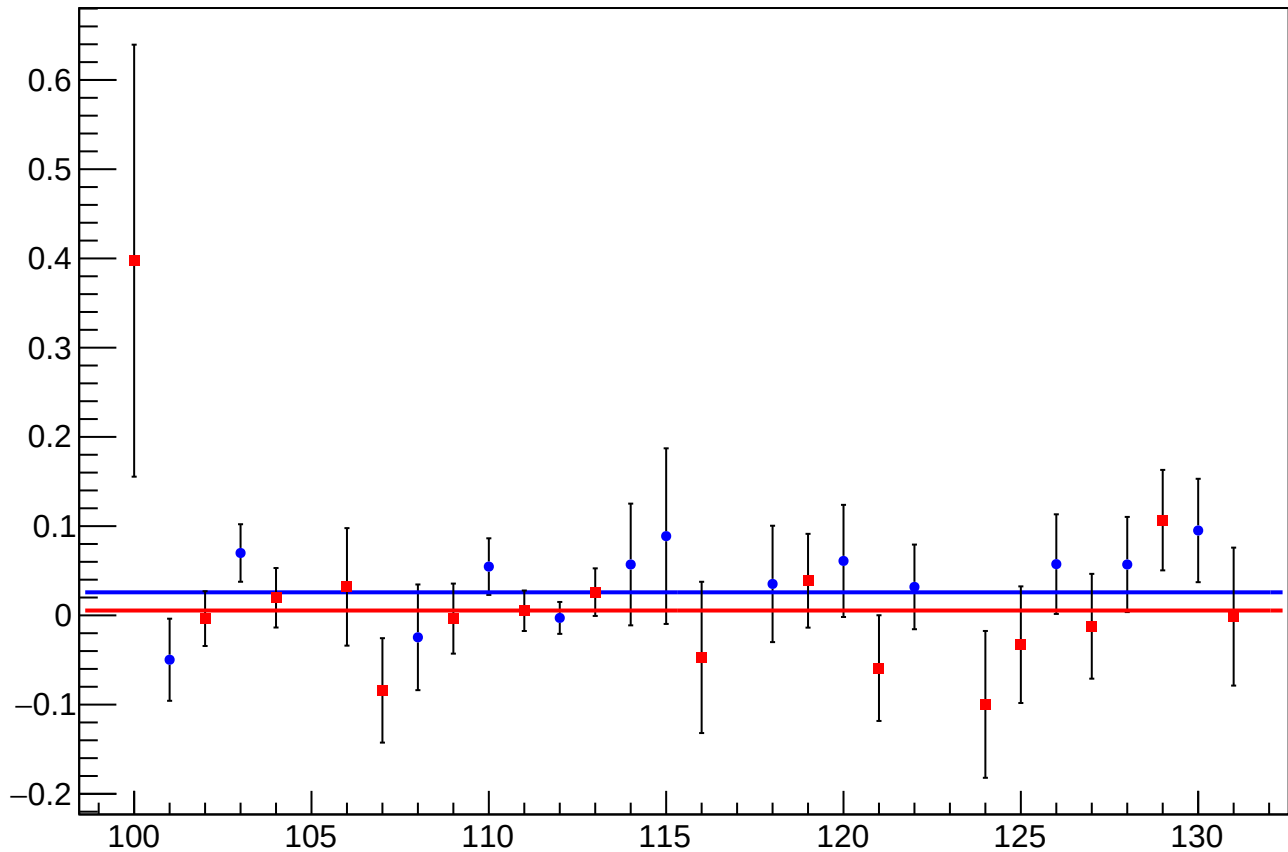
Right: 23.838+/-0.006 χ^2/NDF : 3368186.8/28

In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.838+/-0.006 χ^2/NDF : 3368186.8/28

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

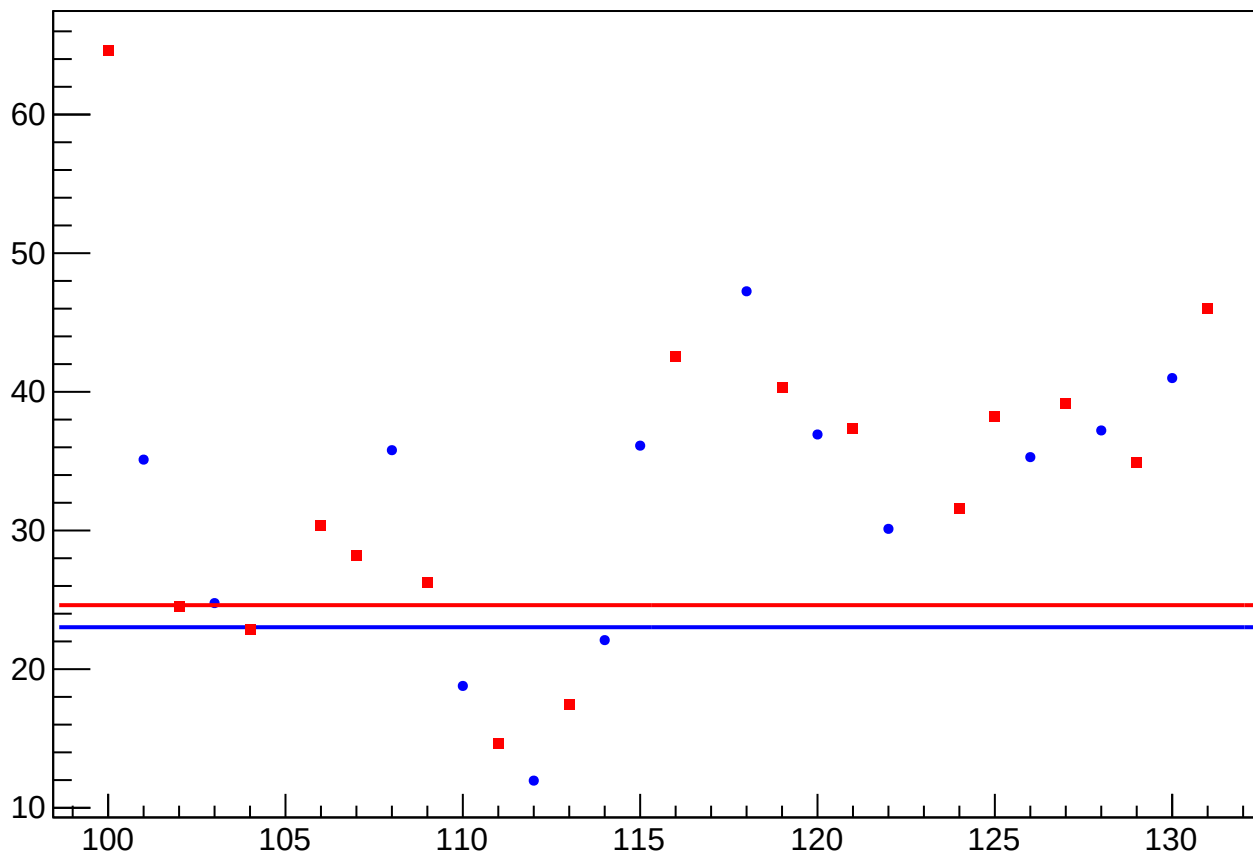
Right: 0.015 $\pm$ 0.008 χ^2 /NDF: 26.8/28

In: 0.026 $\pm$ 0.011 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 26.8/28

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423709.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

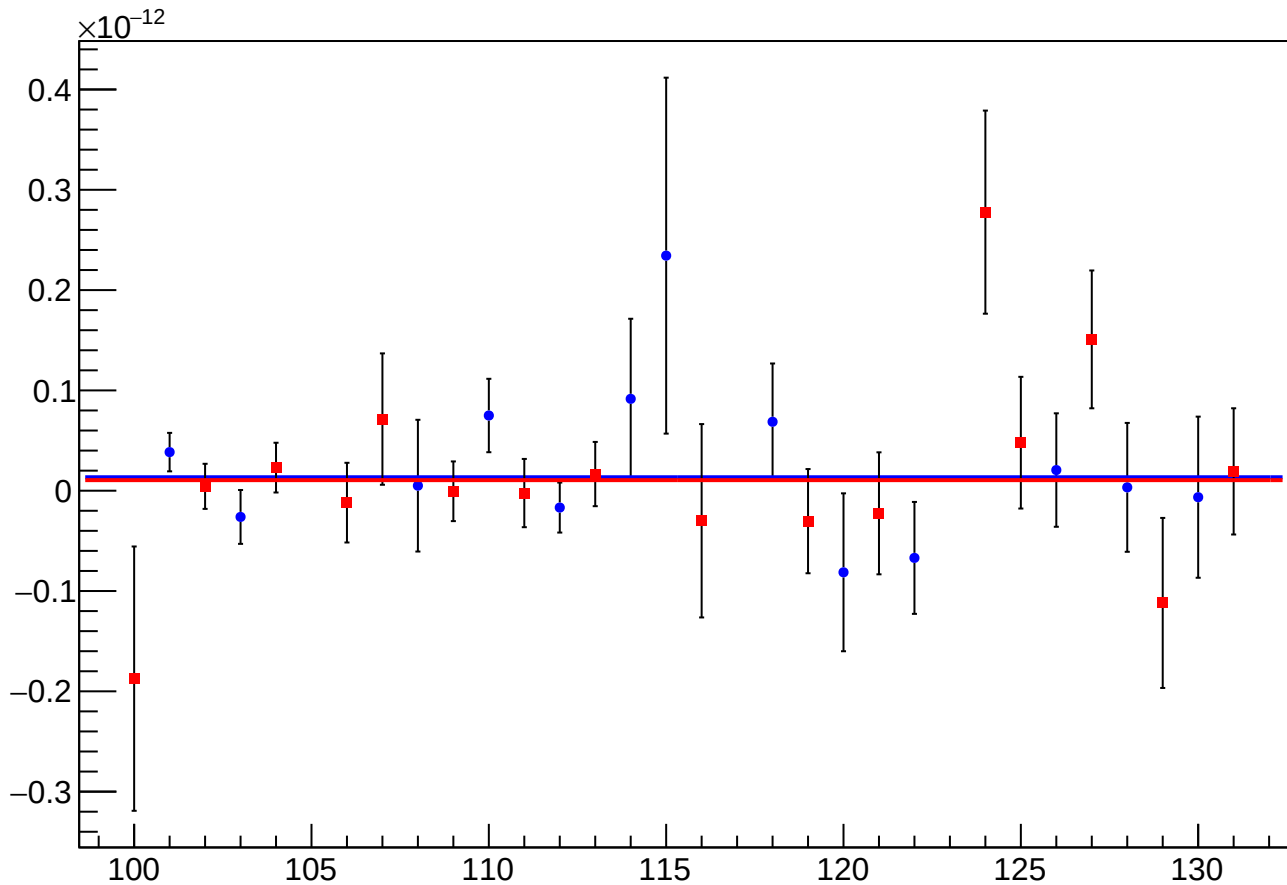
Right: 23.838+/-0.006 χ^2/NDF : 3368186.8/28

In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.838+/-0.006 χ^2/NDF : 3368186.8/28

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

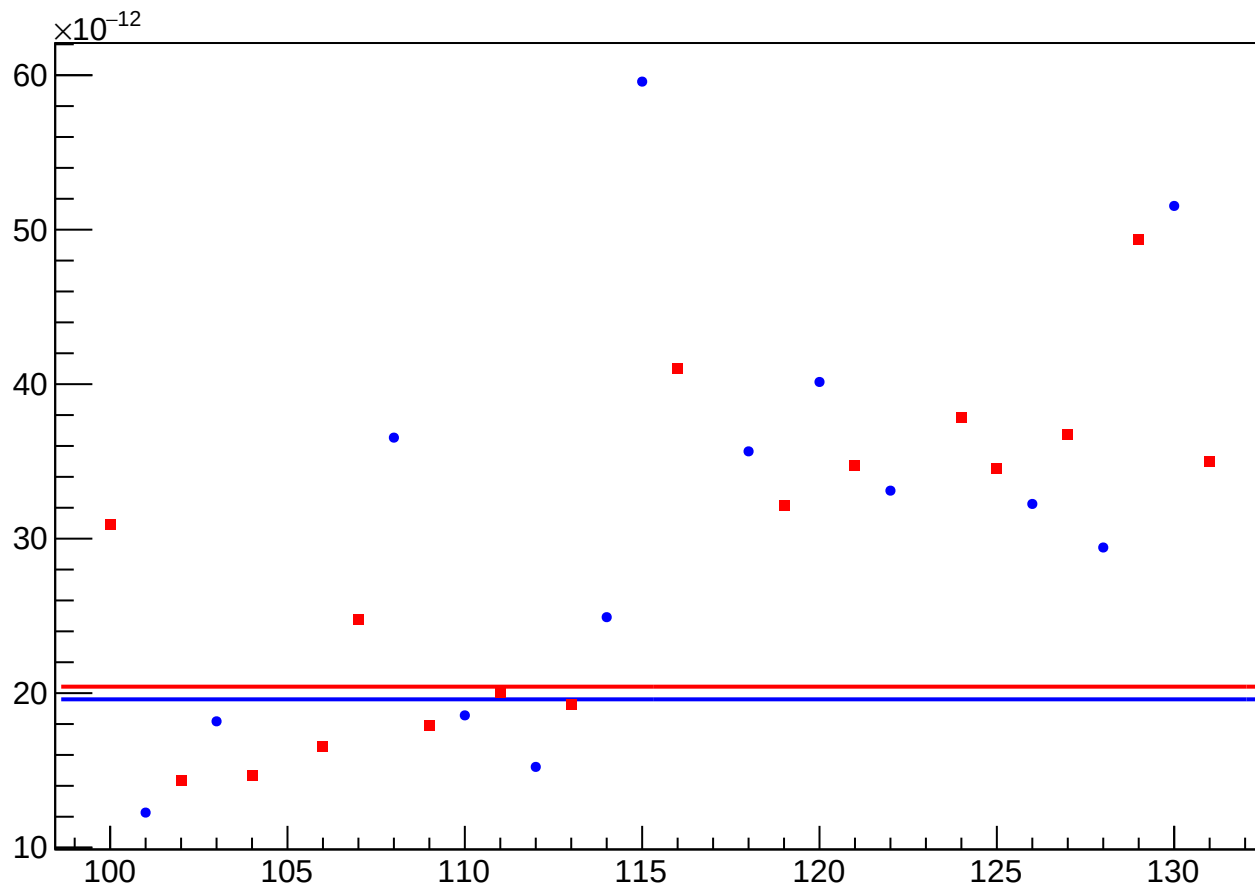
Right: 0.000+/-0.000 χ^2/NDF : 34.0/28

In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/28

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1473732.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1223145.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

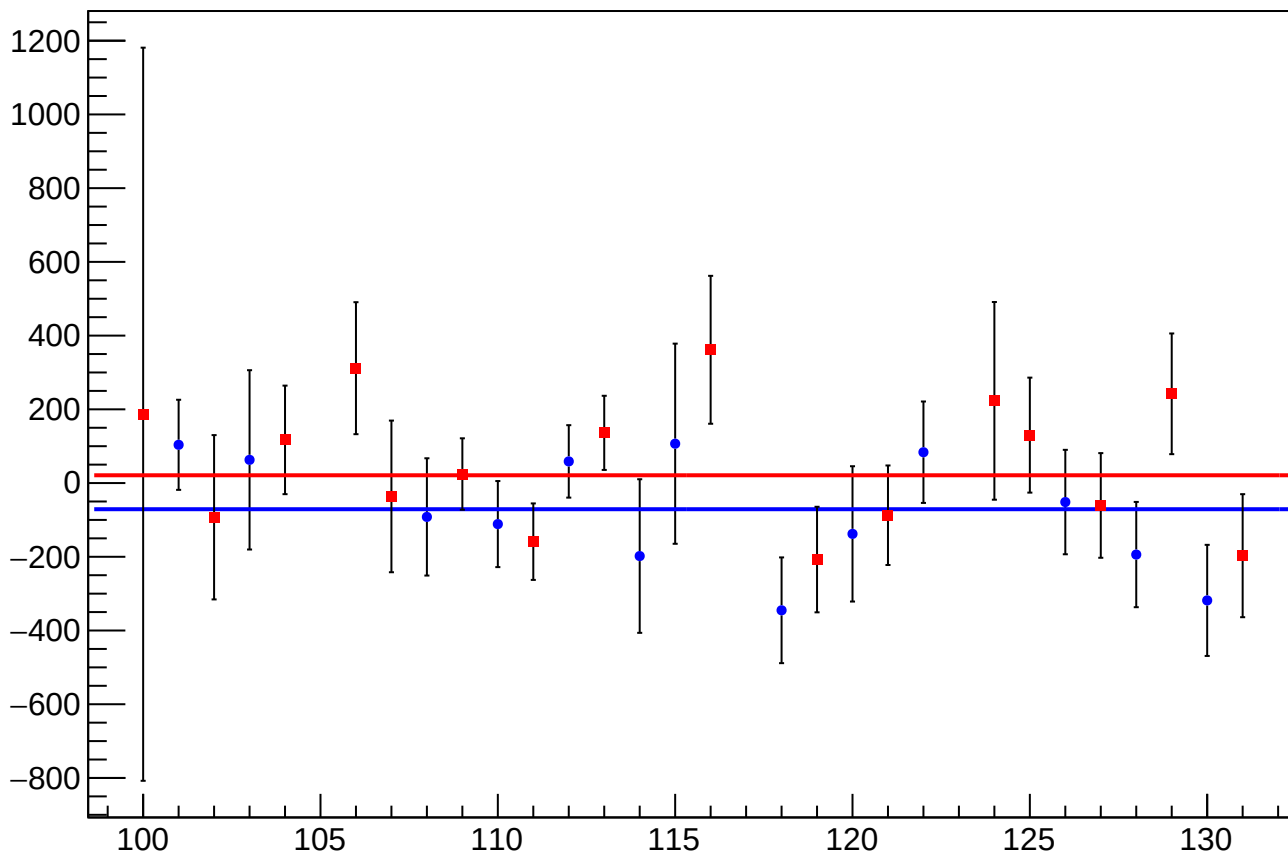
Right: 0.000+/-0.000 χ^2/NDF : 2702770.9/28

In: 0.000+/-0.000 χ^2/NDF : 1473732.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2702770.9/28

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.960 ± 40.457 $\chi^2/\text{NDF}: 13.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 21.126 ± 37.093 $\chi^2/\text{NDF}: 18.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

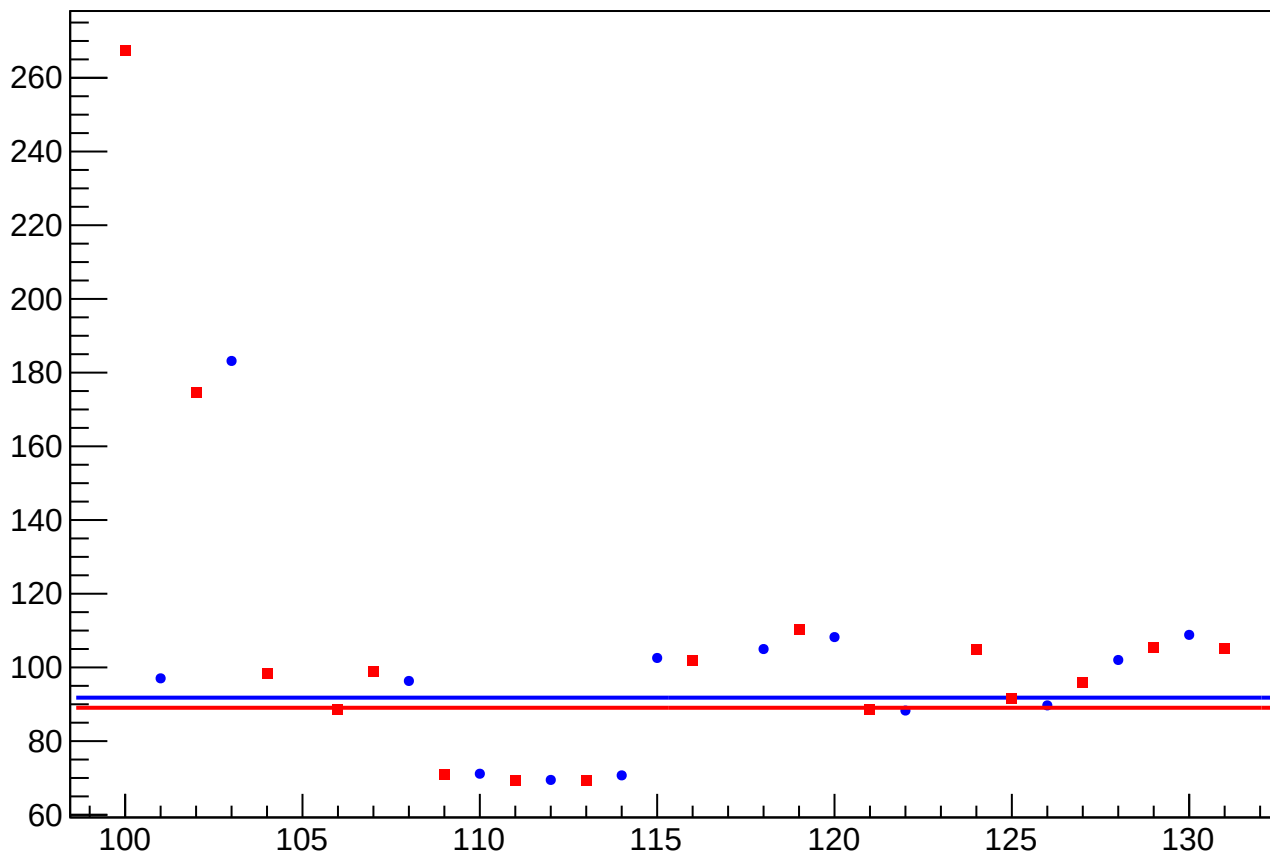
Right: -20.929 ± 27.341 $\chi^2/\text{NDF}: 35.1/28$

In: -70.960 ± 40.457 $\chi^2/\text{NDF}: 13.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.929 ± 27.341 $\chi^2/\text{NDF}: 35.1/28$

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.796+/-0.029 χ^2/NDF : 547496.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.052+/-0.026 χ^2/NDF : 694278.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

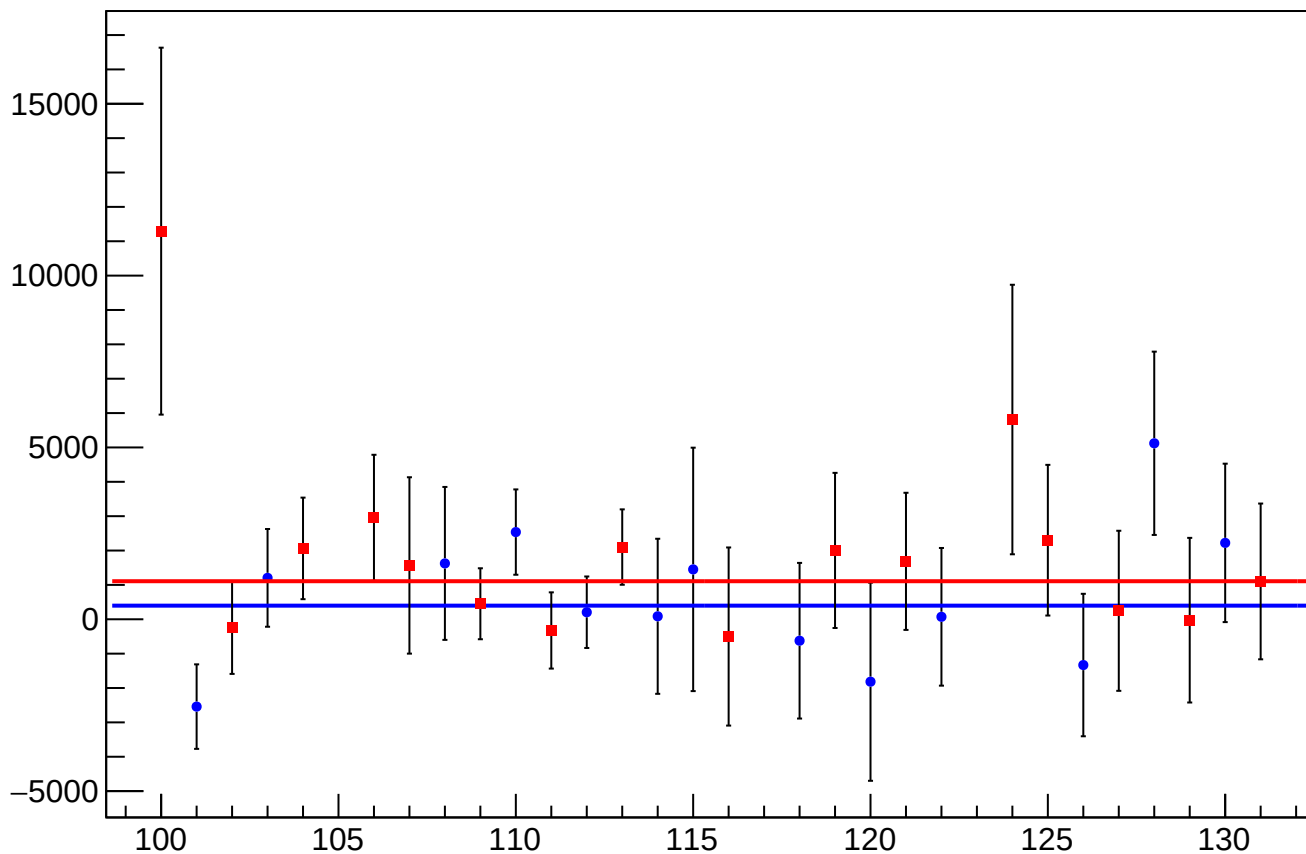
Right: 90.305+/-0.019 χ^2/NDF : 1246772.5/28

In: 91.796+/-0.029 χ^2/NDF : 547496.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.305+/-0.019 χ^2/NDF : 1246772.5/28

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 396.455+/-480.402 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.510+/-426.612 χ^2/NDF : 11.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

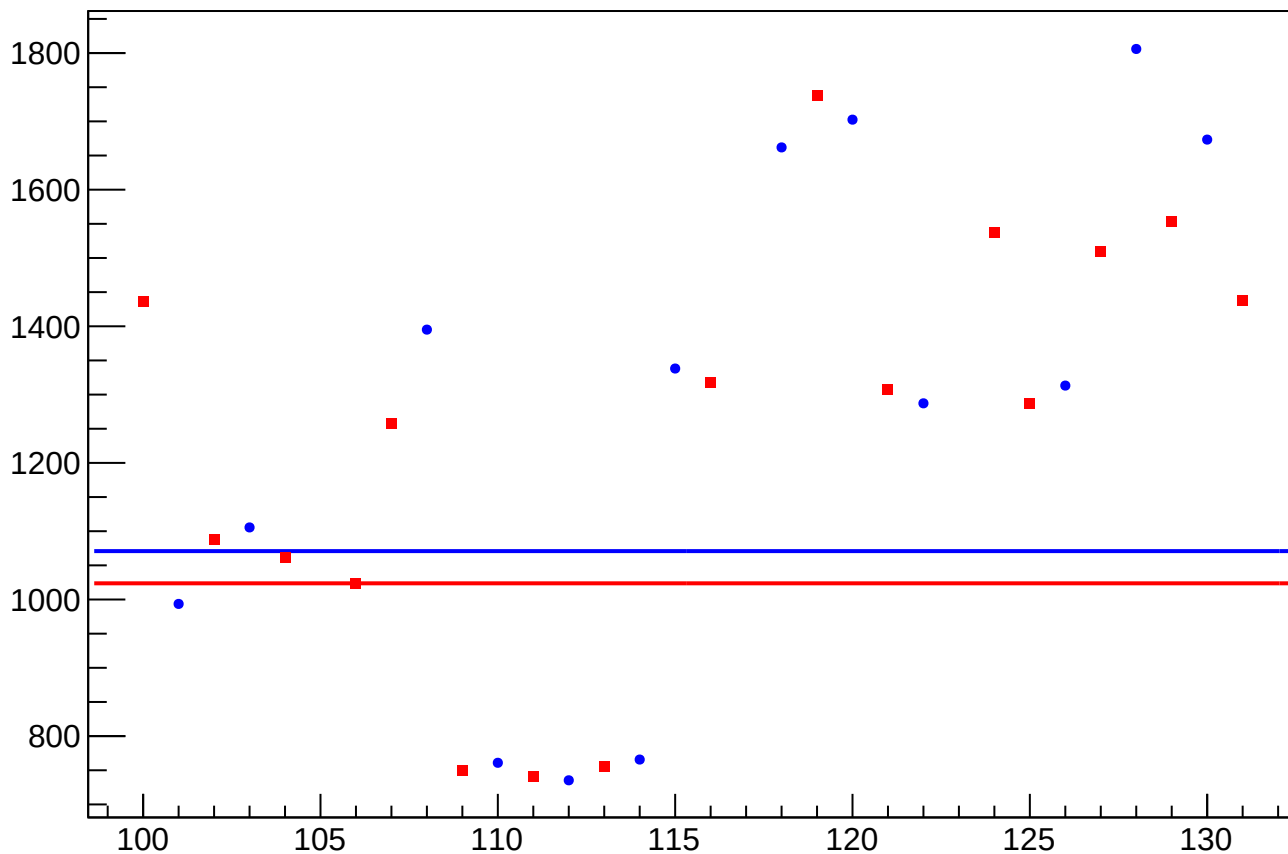
Right: 794.004+/-318.990 χ^2/NDF : 27.7/28

In: 396.455+/-480.402 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.004+/-318.990 χ^2/NDF : 27.7/28

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1070.862+/-0.340 χ^2/NDF : 1003780.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1023.704+/-0.302 χ^2/NDF : 1005812.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

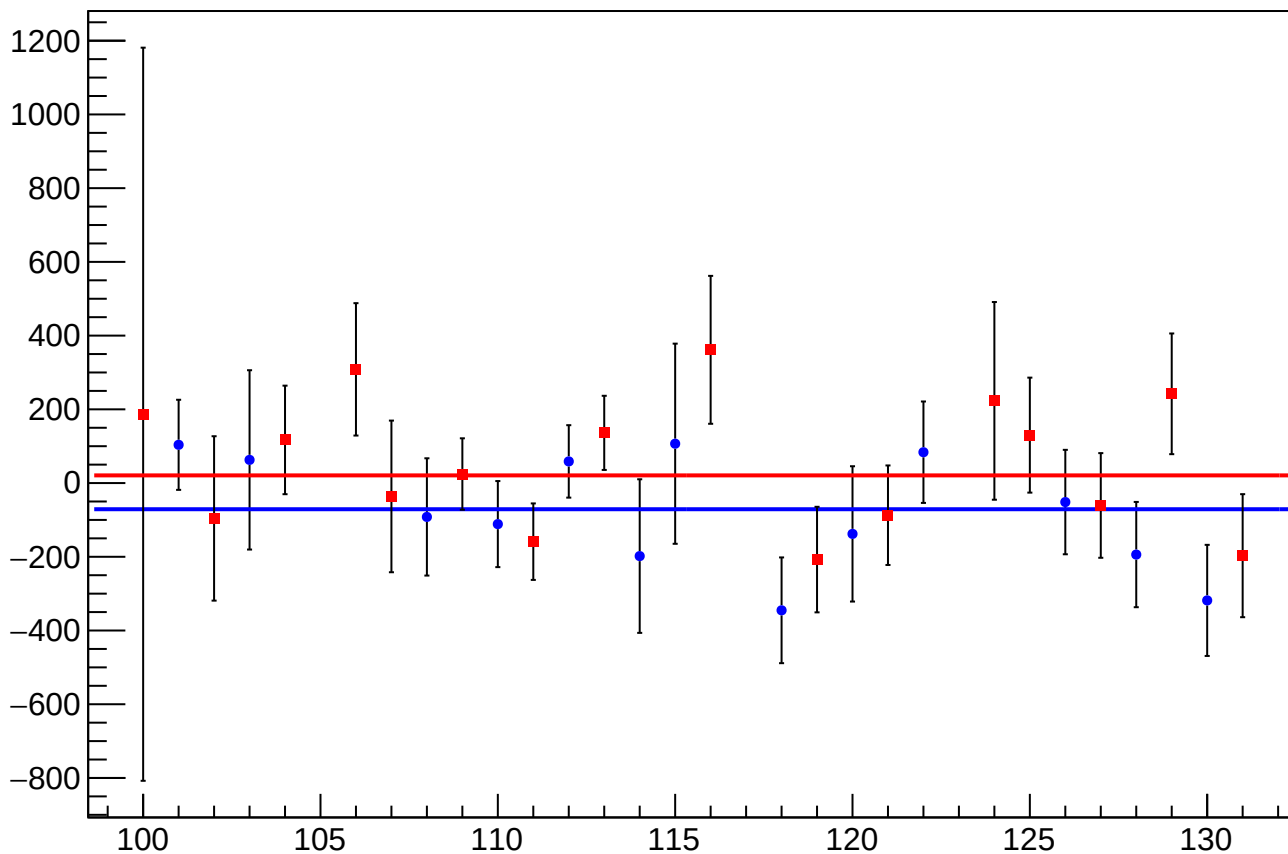
Right: 1044.496+/-0.226 χ^2/NDF : 2020368.1/28

In: 1070.862+/-0.340 χ^2/NDF : 1003780.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.496+/-0.226 χ^2/NDF : 2020368.1/28

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.976 ± 40.457 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.827 ± 37.098 χ^2/NDF : 18.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

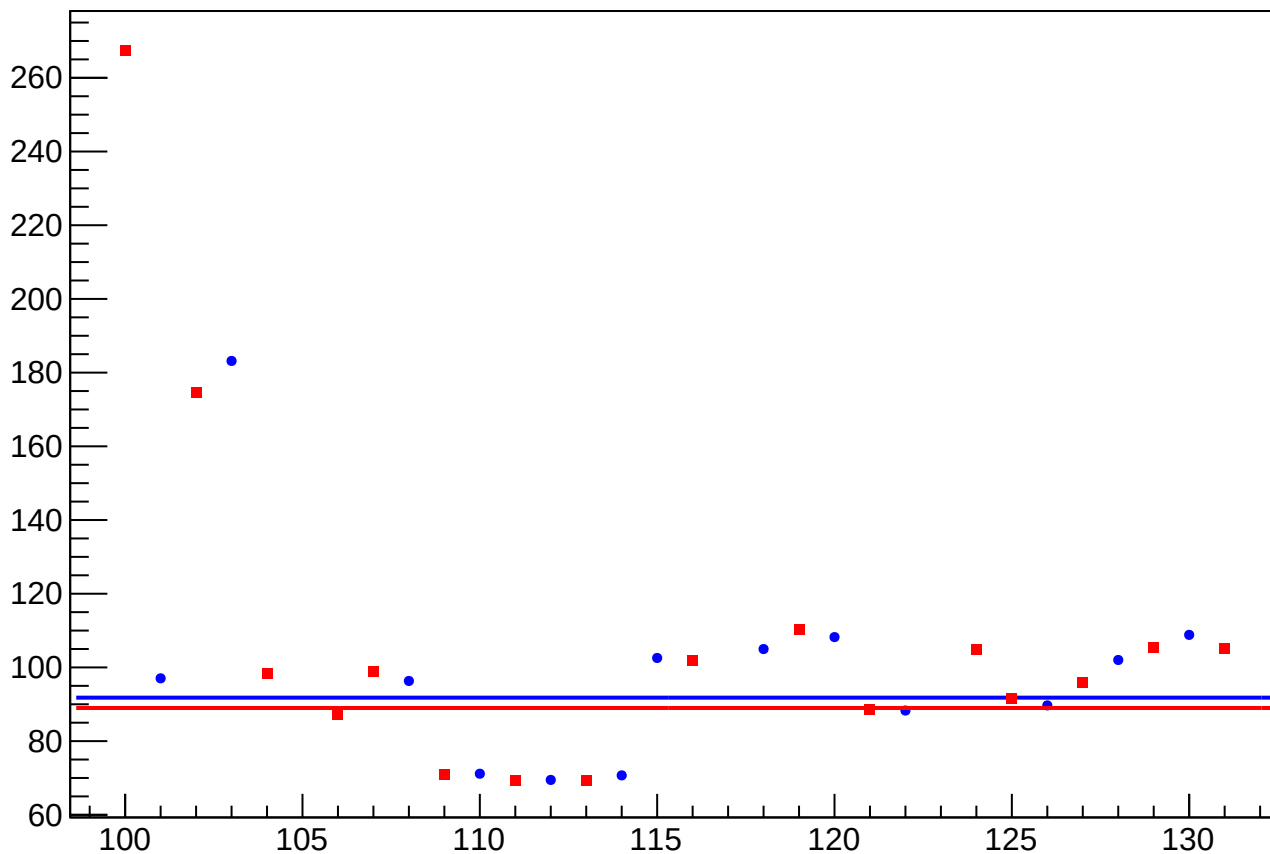
Right: -21.106 ± 27.343 χ^2/NDF : 35.0/28

In: -70.976 ± 40.457 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.106 ± 27.343 χ^2/NDF : 35.0/28

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.996+/-0.026 χ^2/NDF : 694692.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

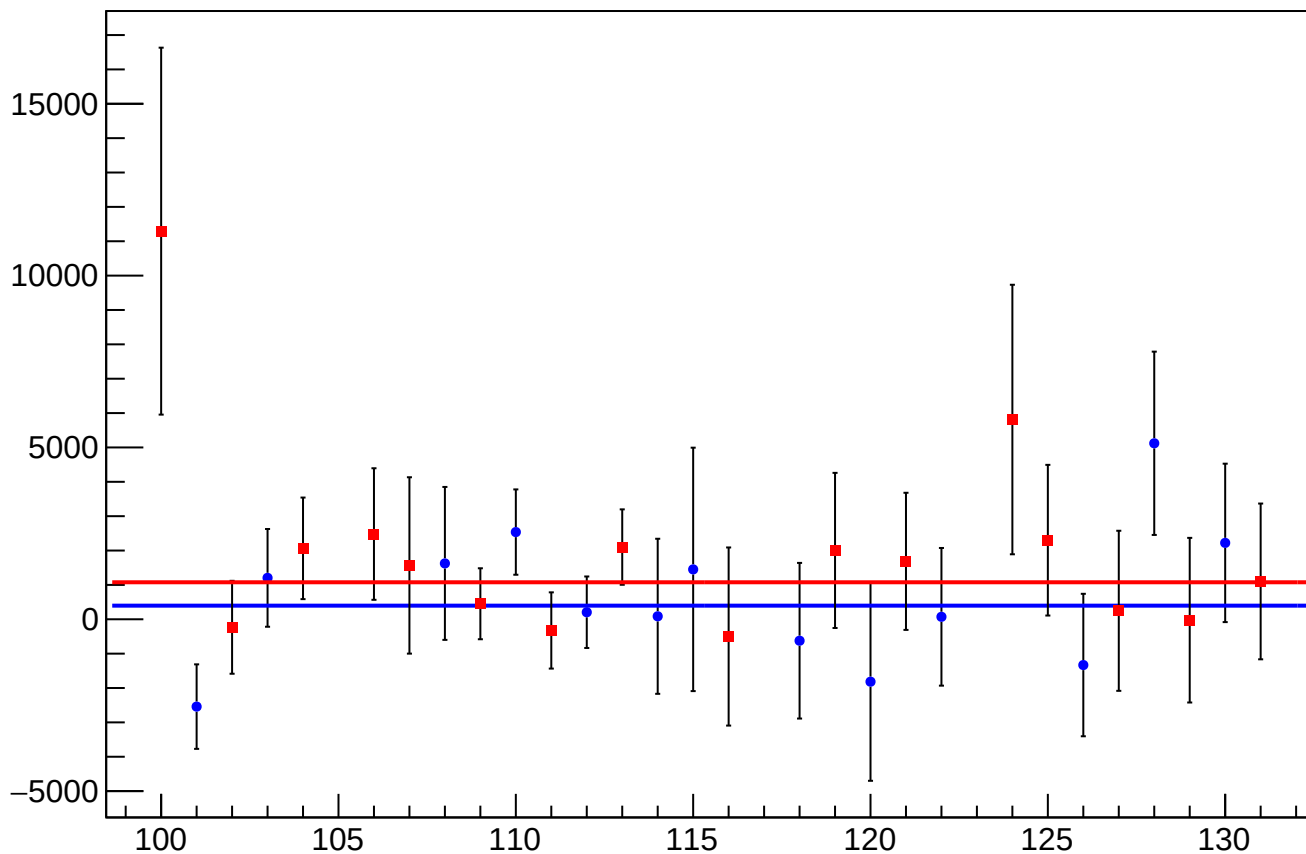
Right: 90.275+/-0.019 χ^2/NDF : 1247394.2/28

In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.275+/-0.019 χ^2/NDF : 1247394.2/28

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.659+/-427.587 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

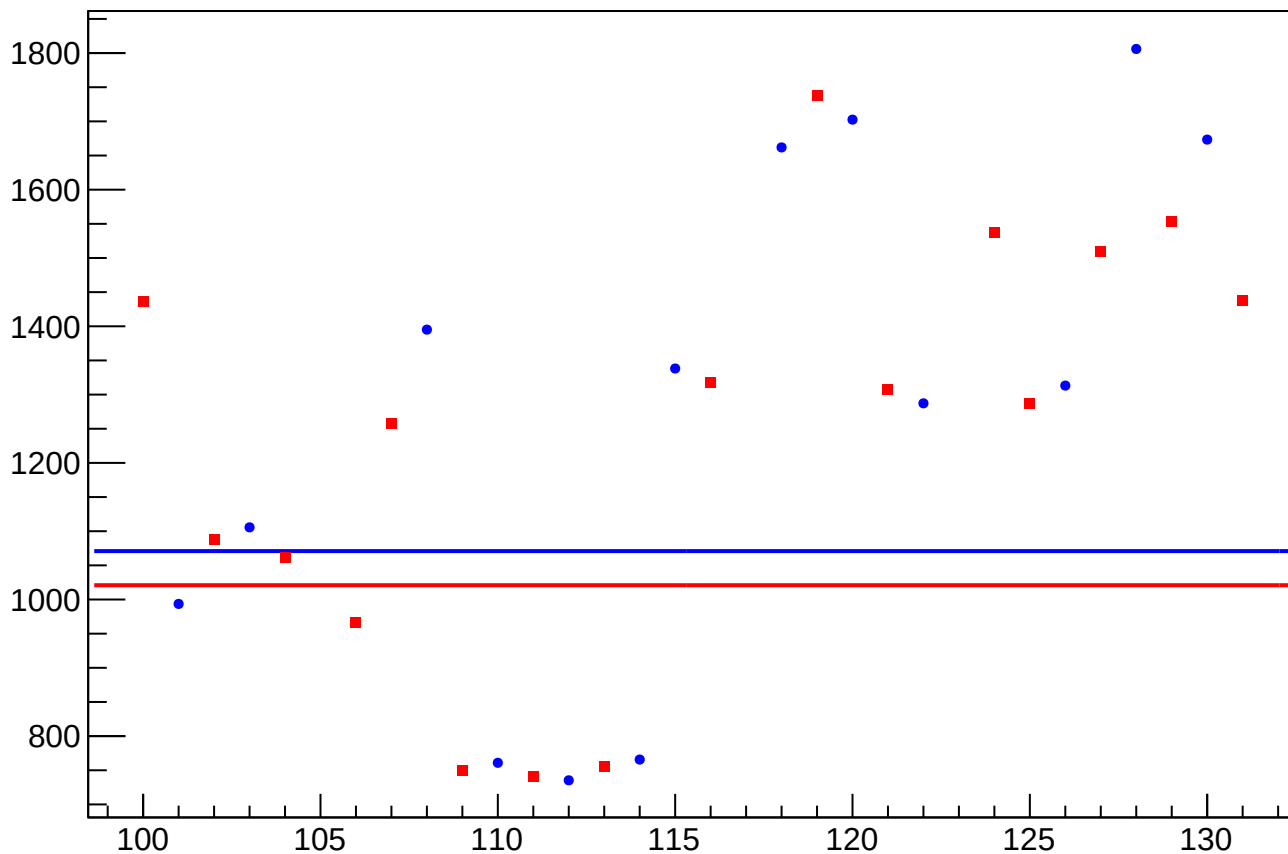
Right: 775.985+/-319.399 χ^2/NDF : 27.1/28

In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.985+/-319.399 χ^2/NDF : 27.1/28

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.932+/-0.302 χ^2/NDF : 1007586.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

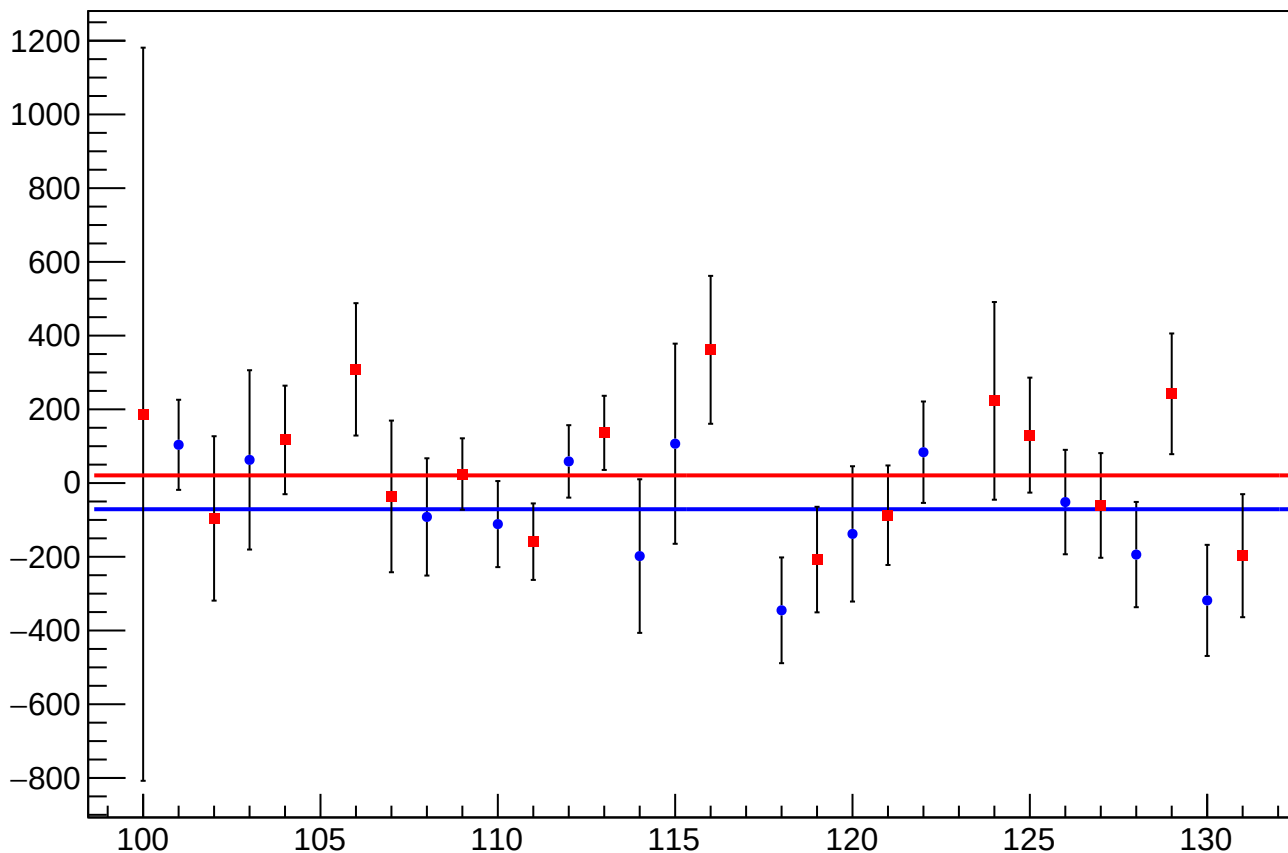
Right: 1043.007+/-0.226 χ^2/NDF : 2023436.1/28

In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.007+/-0.226 χ^2/NDF : 2023436.1/28

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.976 ± 40.457 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.827 ± 37.098 χ^2/NDF : 18.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

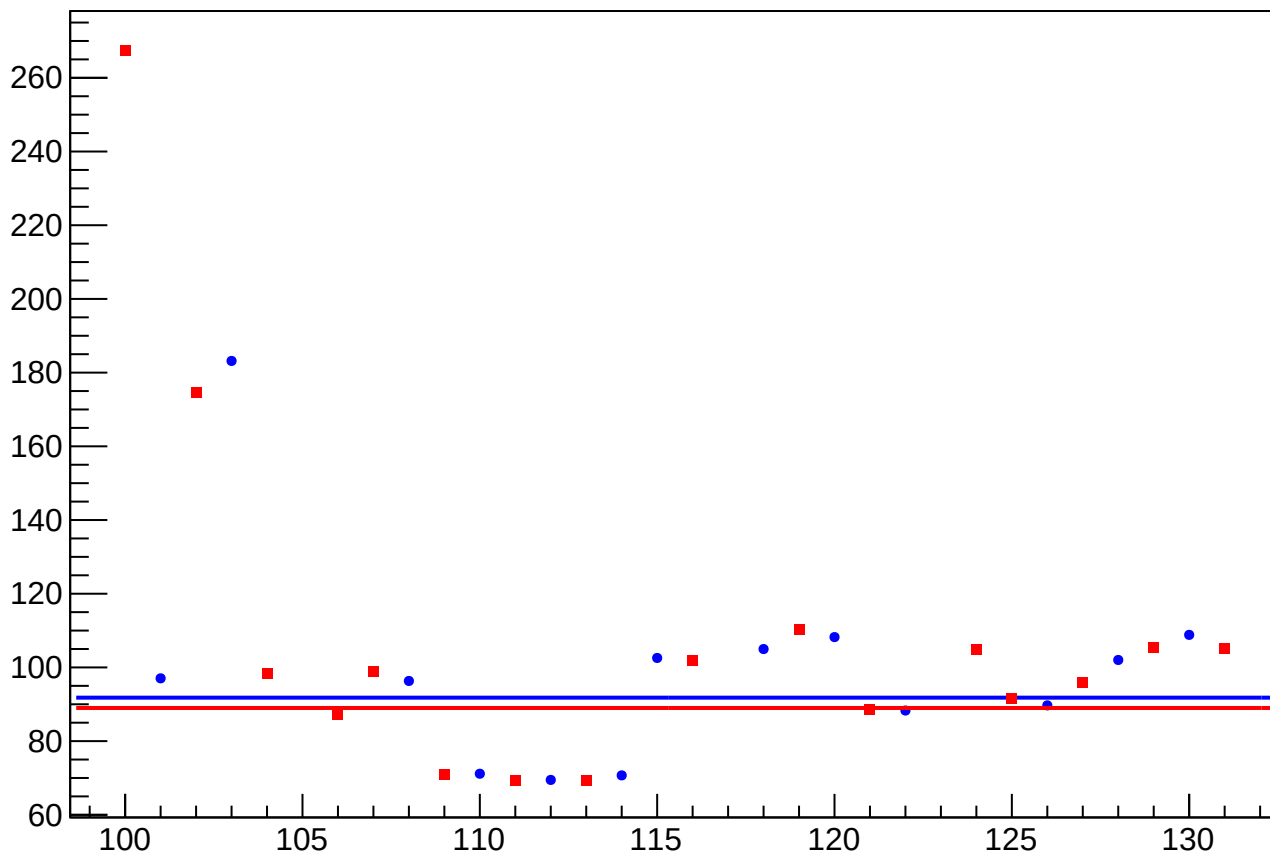
Right: -21.106 ± 27.343 χ^2/NDF : 35.0/28

In: -70.976 ± 40.457 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.106 ± 27.343 χ^2/NDF : 35.0/28

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.996+/-0.026 χ^2/NDF : 694692.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

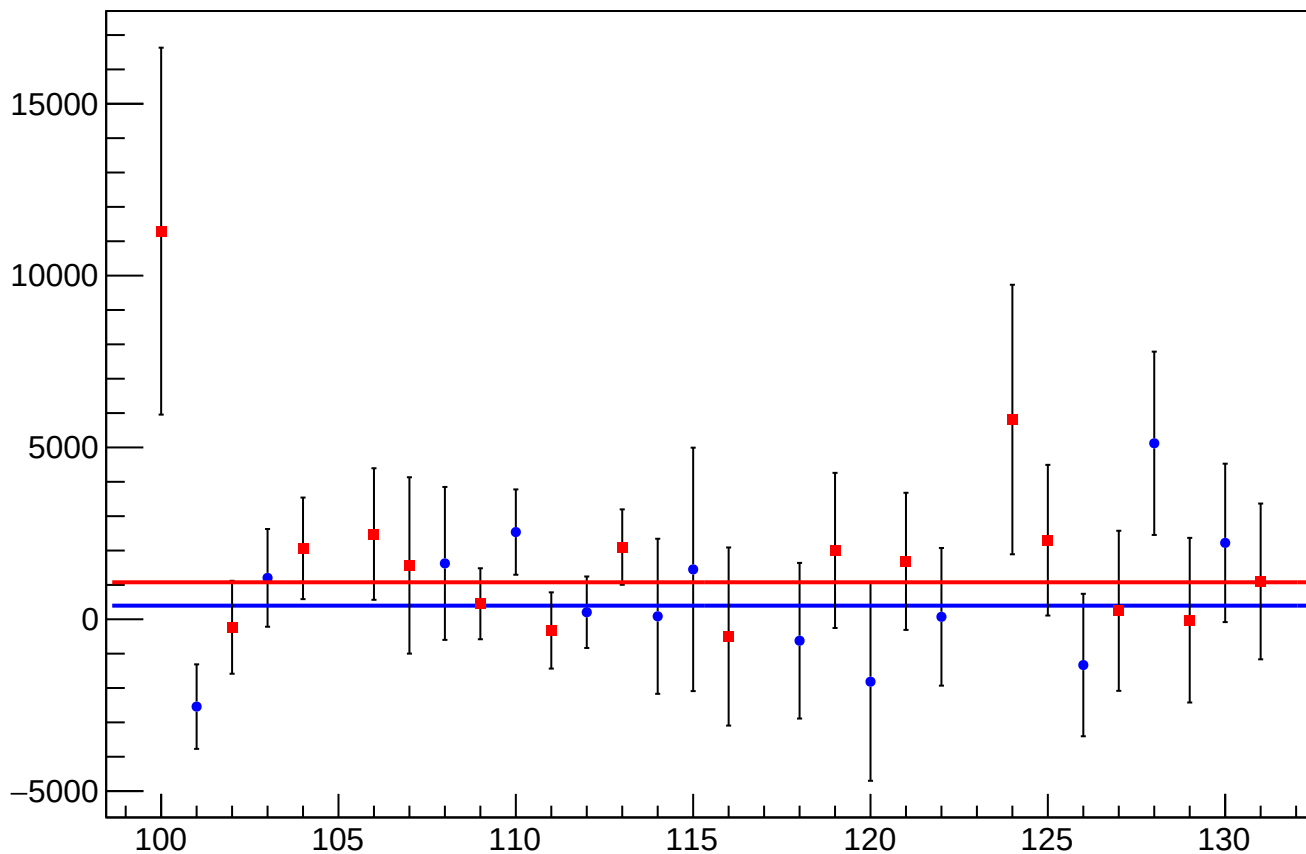
Right: 90.275+/-0.019 χ^2/NDF : 1247394.2/28

In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.275+/-0.019 χ^2/NDF : 1247394.2/28

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.659+/-427.587 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

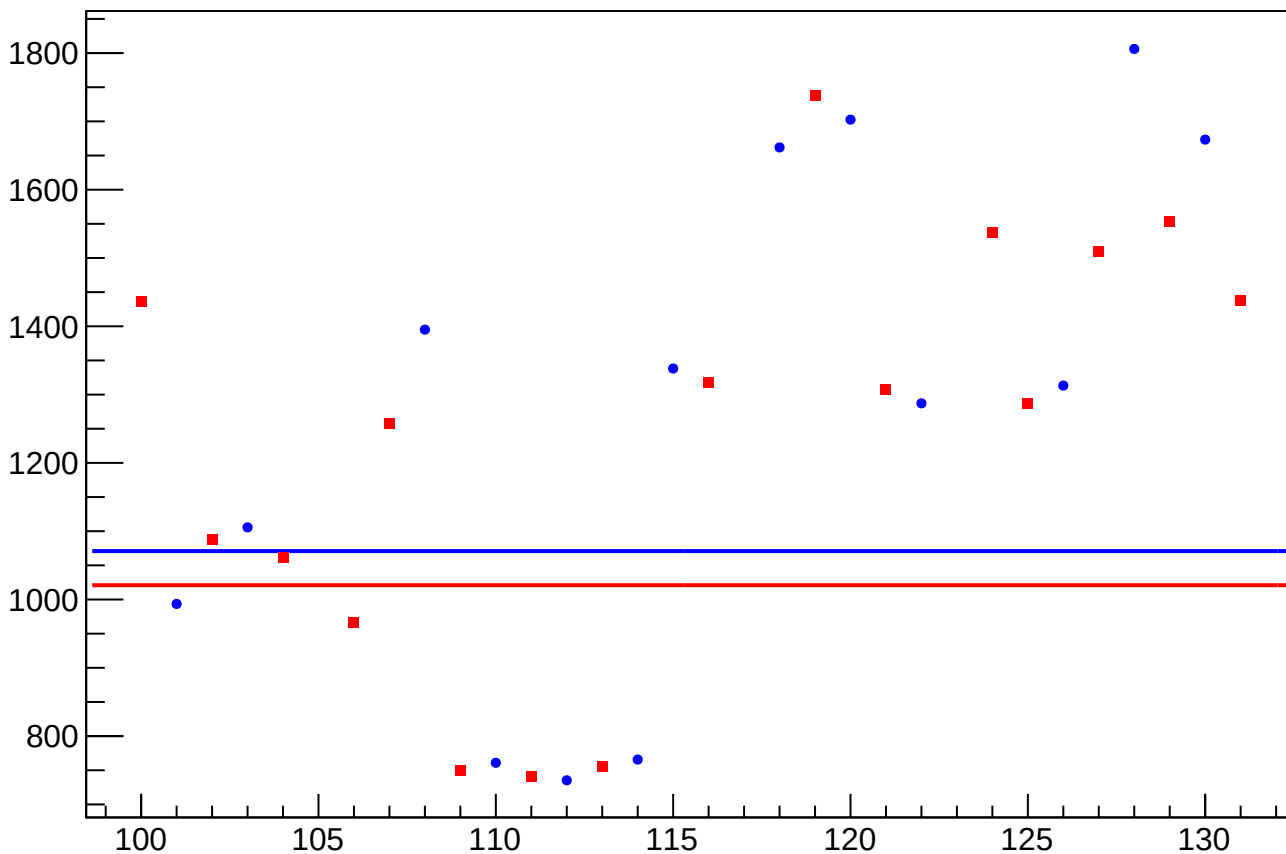
Right: 775.985+/-319.399 χ^2/NDF : 27.1/28

In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.985+/-319.399 χ^2/NDF : 27.1/28

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.932+/-0.302 χ^2/NDF : 1007586.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

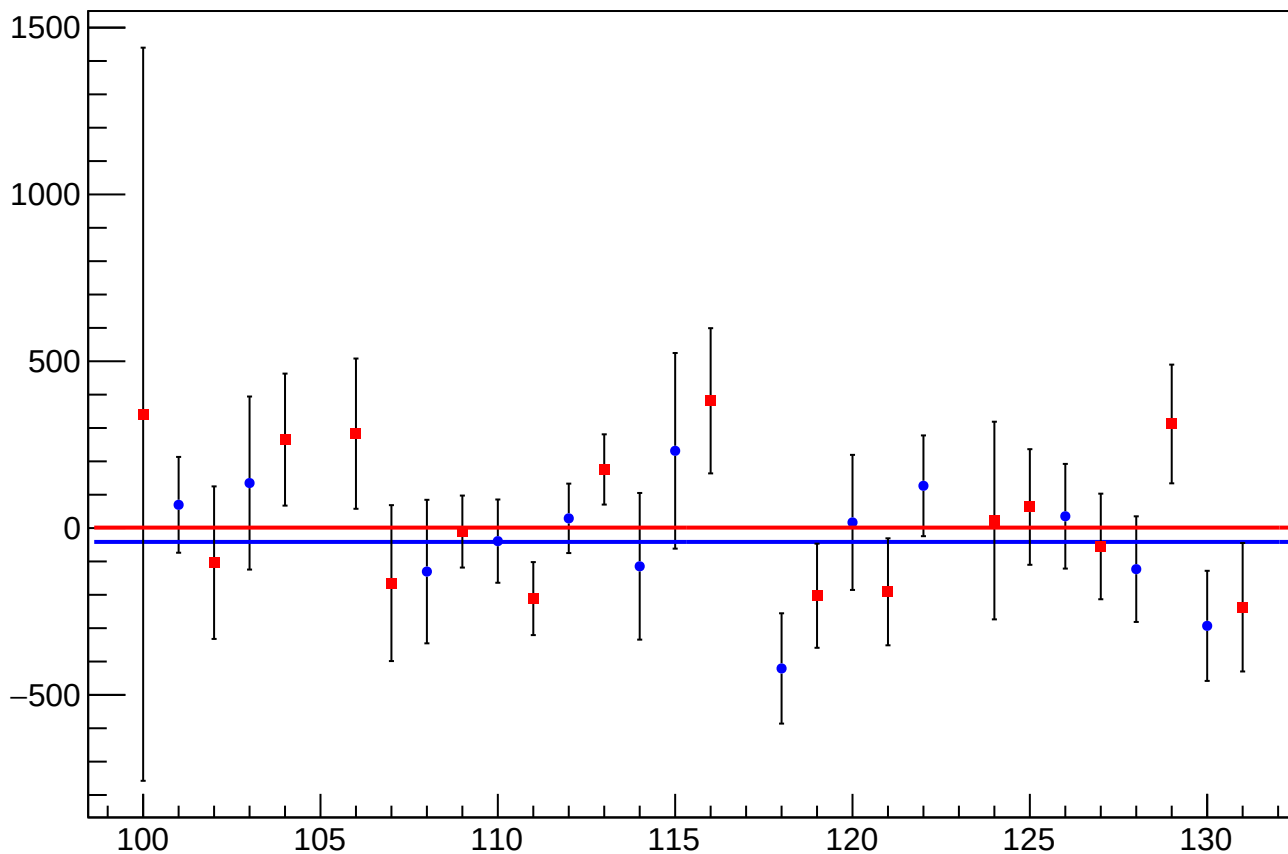
Right: 1043.007+/-0.226 χ^2/NDF : 2023436.1/28

In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.007+/-0.226 χ^2/NDF : 2023436.1/28

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -41.470 ± 44.901 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.441 ± 41.258 χ^2/NDF : 21.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

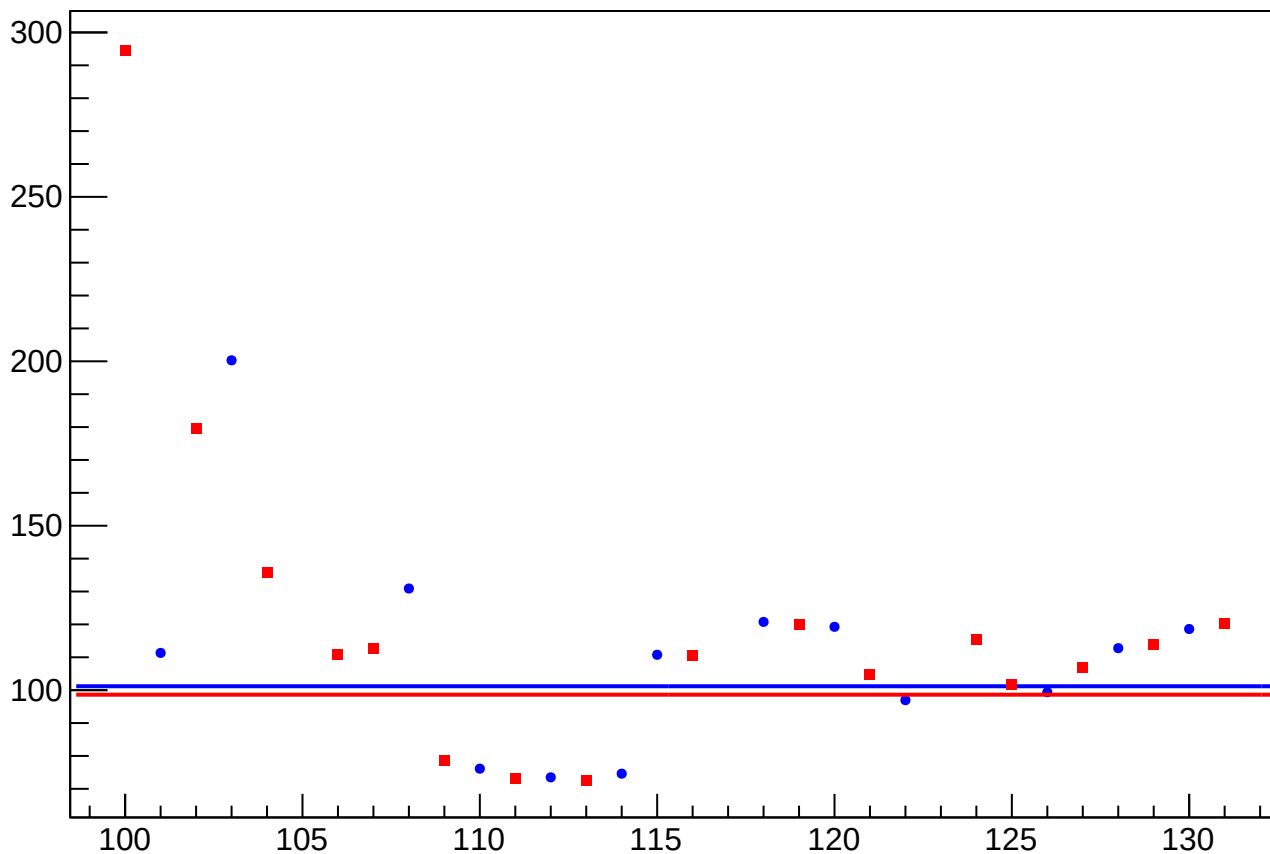
Right: -18.203 ± 30.380 χ^2/NDF : 34.3/28

In: -41.470 ± 44.901 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.203 ± 30.380 χ^2/NDF : 34.3/28

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.192+/-0.032 χ^2/NDF : 672756.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 98.625+/-0.029 χ^2/NDF : 799434.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

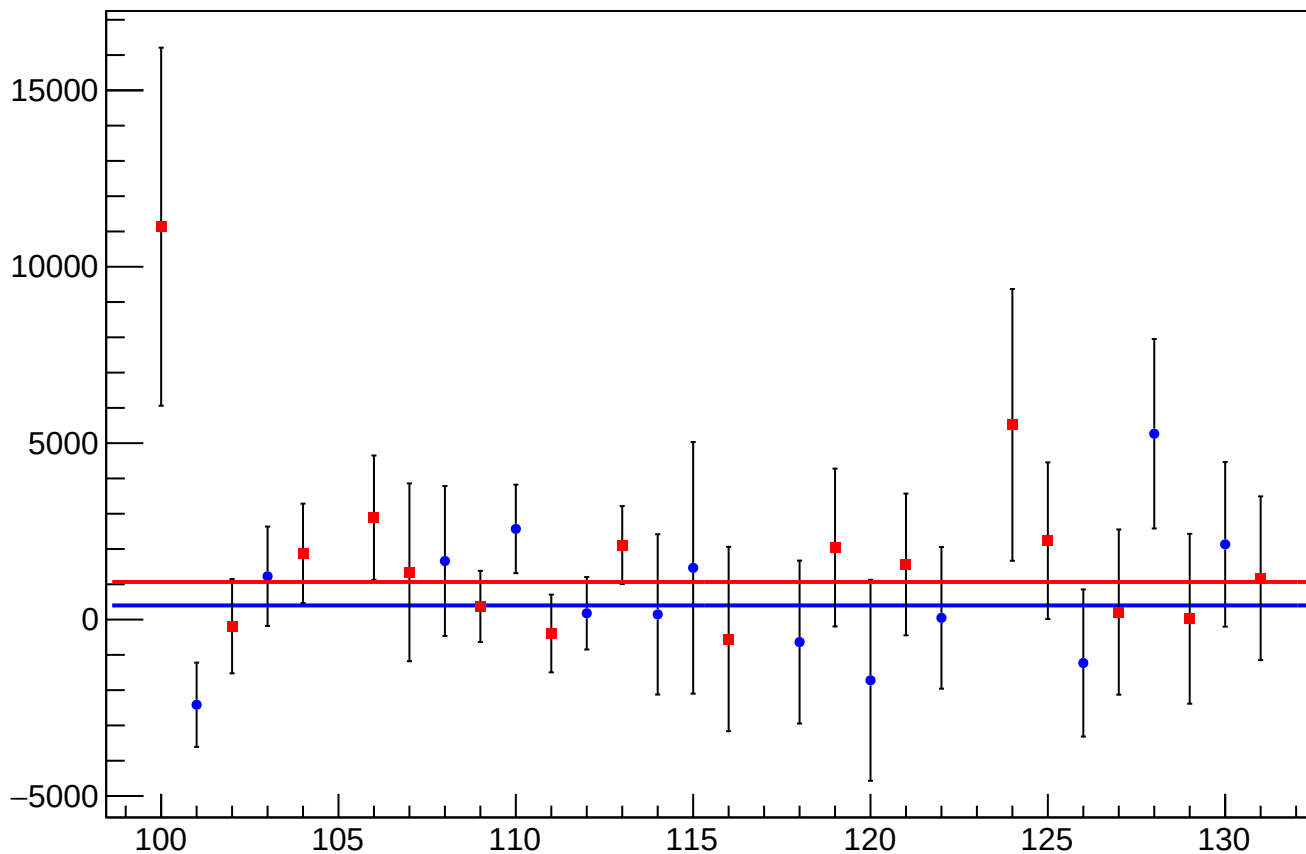
Right: 99.800+/-0.021 χ^2/NDF : 1475734.7/28

In: 101.192+/-0.032 χ^2/NDF :672756.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.800+/-0.021 χ^2/NDF : 1475734.7/28

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 400.883+/-477.115 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1066.889+/-422.082 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

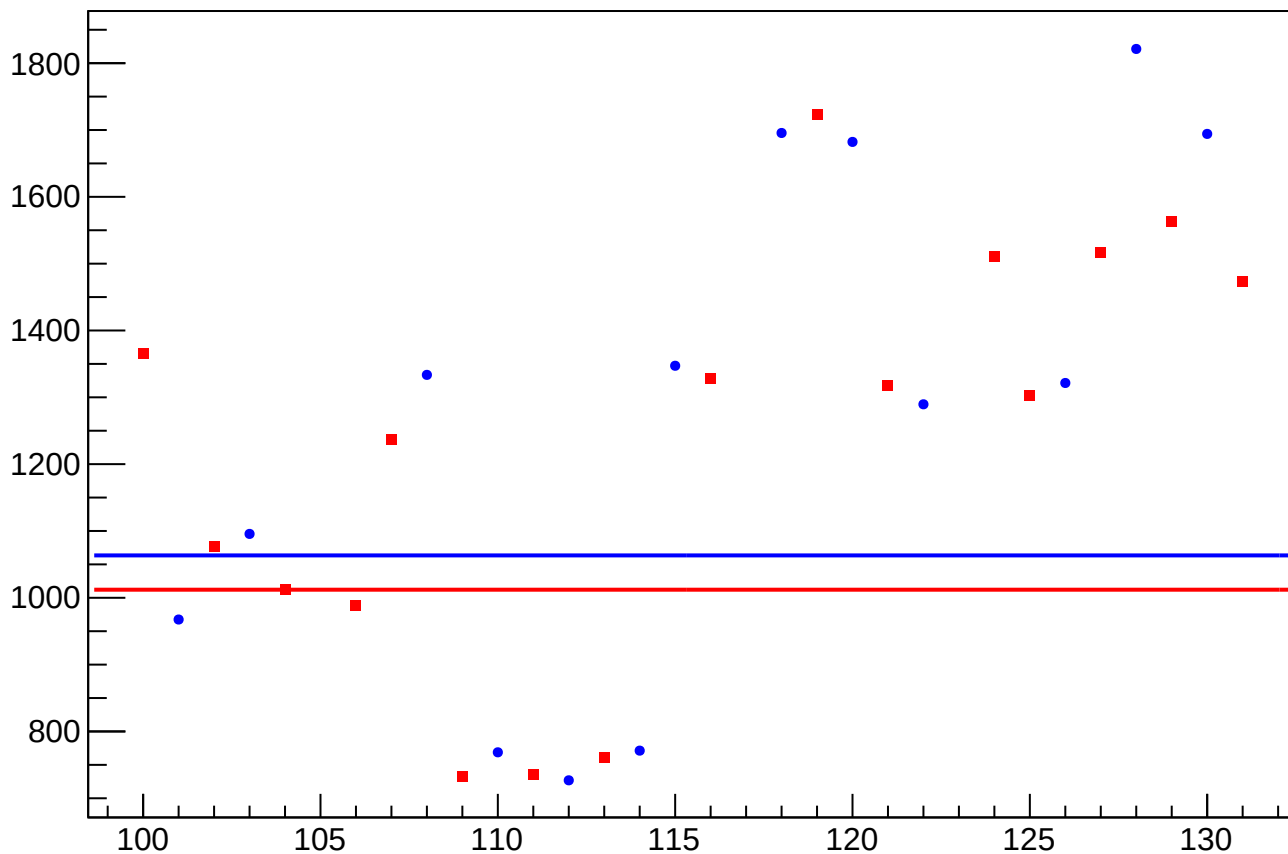
Right: 774.495+/-316.132 χ^2/NDF : 27.6/28

In: 400.883+/-477.115 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.495+/-316.132 χ^2/NDF : 27.6/28

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1063.436+/-0.337 χ^2/NDF : 1022681.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.114+/-0.298 χ^2/NDF : 1034078.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

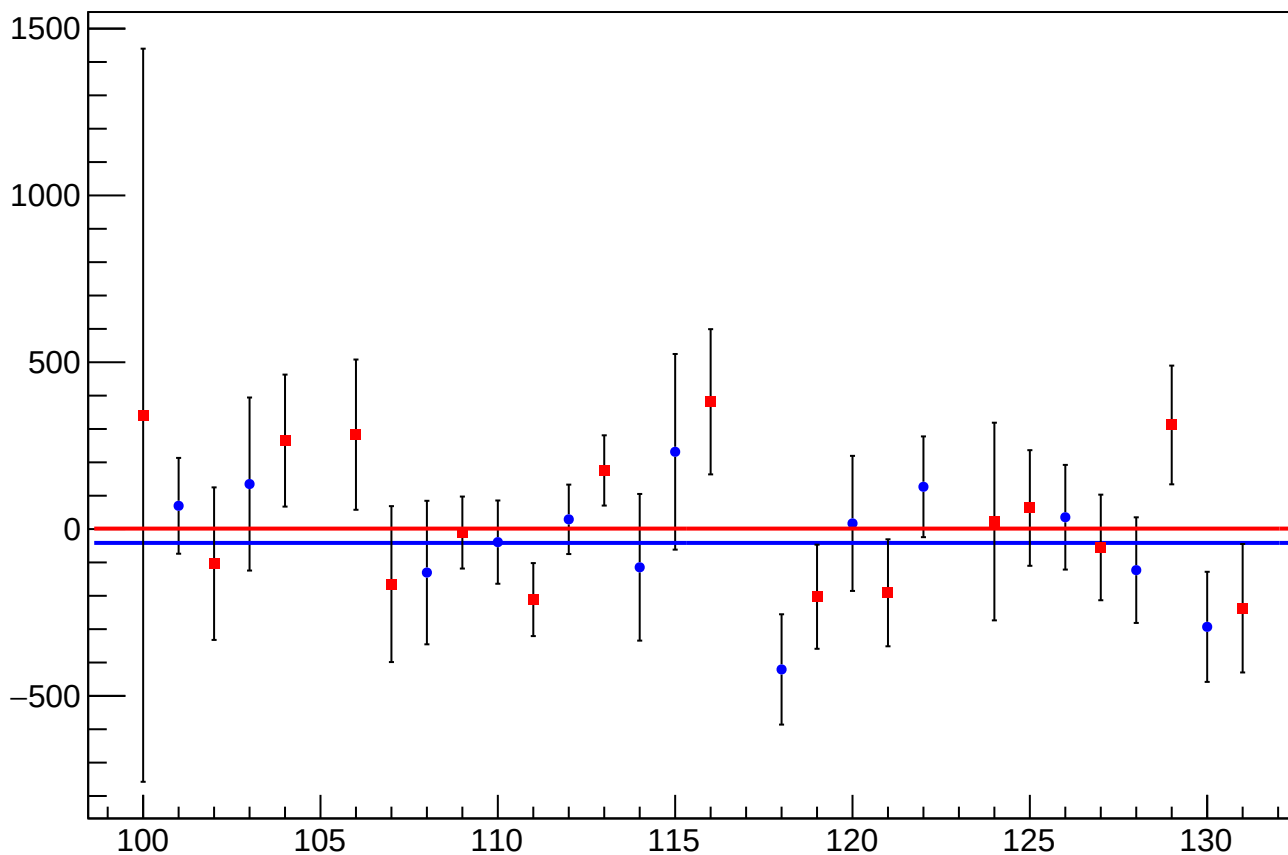
Right: 1034.646+/-0.224 χ^2/NDF : 2069741.4/28

In: 1063.436+/-0.337 χ^2/NDF : 1022681.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.646+/-0.224 χ^2/NDF : 2069741.4/28

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -41.471 ± 44.901 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.439 ± 41.258 χ^2/NDF : 21.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

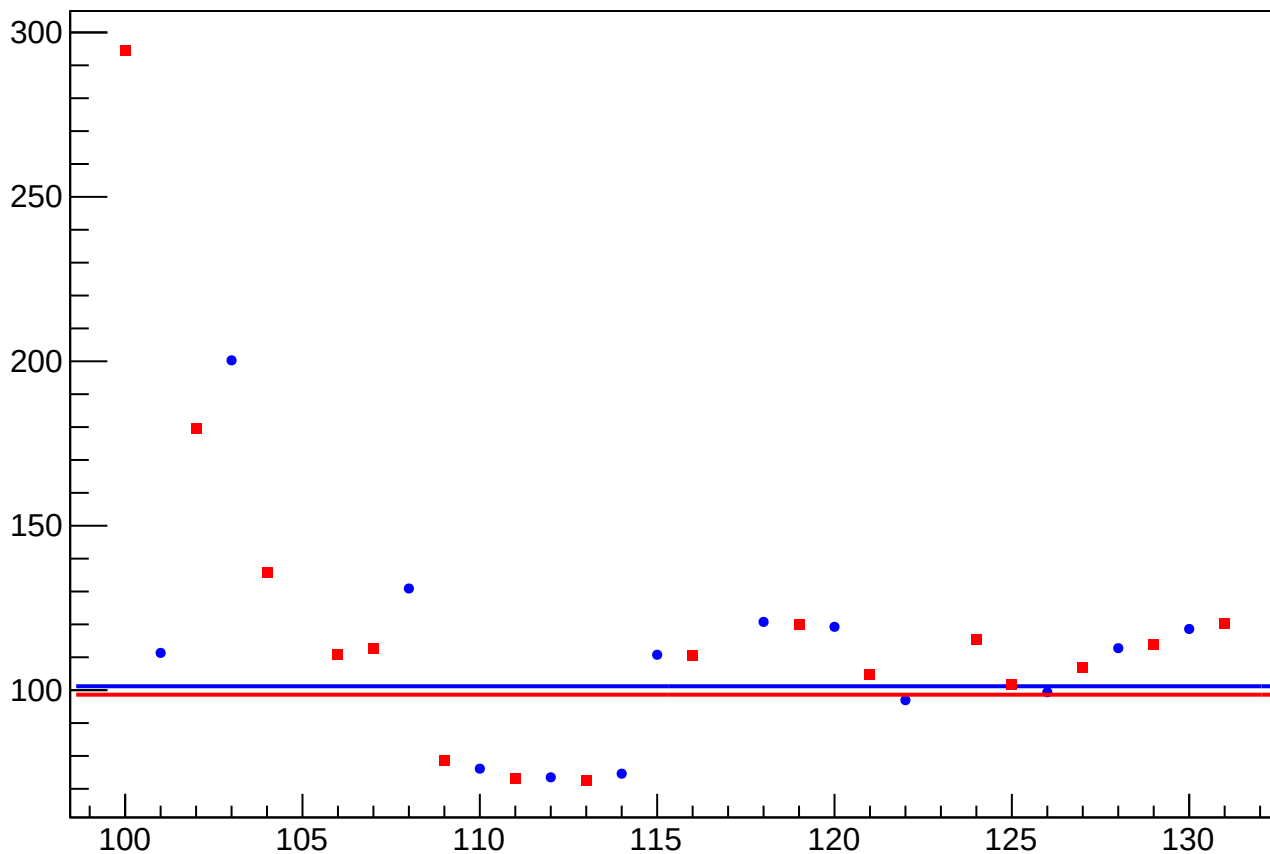
Right: -18.205 ± 30.380 χ^2/NDF : 34.3/28

In: -41.471 ± 44.901 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.205 ± 30.380 χ^2/NDF : 34.3/28

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.192+/-0.032 χ^2/NDF : 672755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 98.625+/-0.029 χ^2/NDF : 799433.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

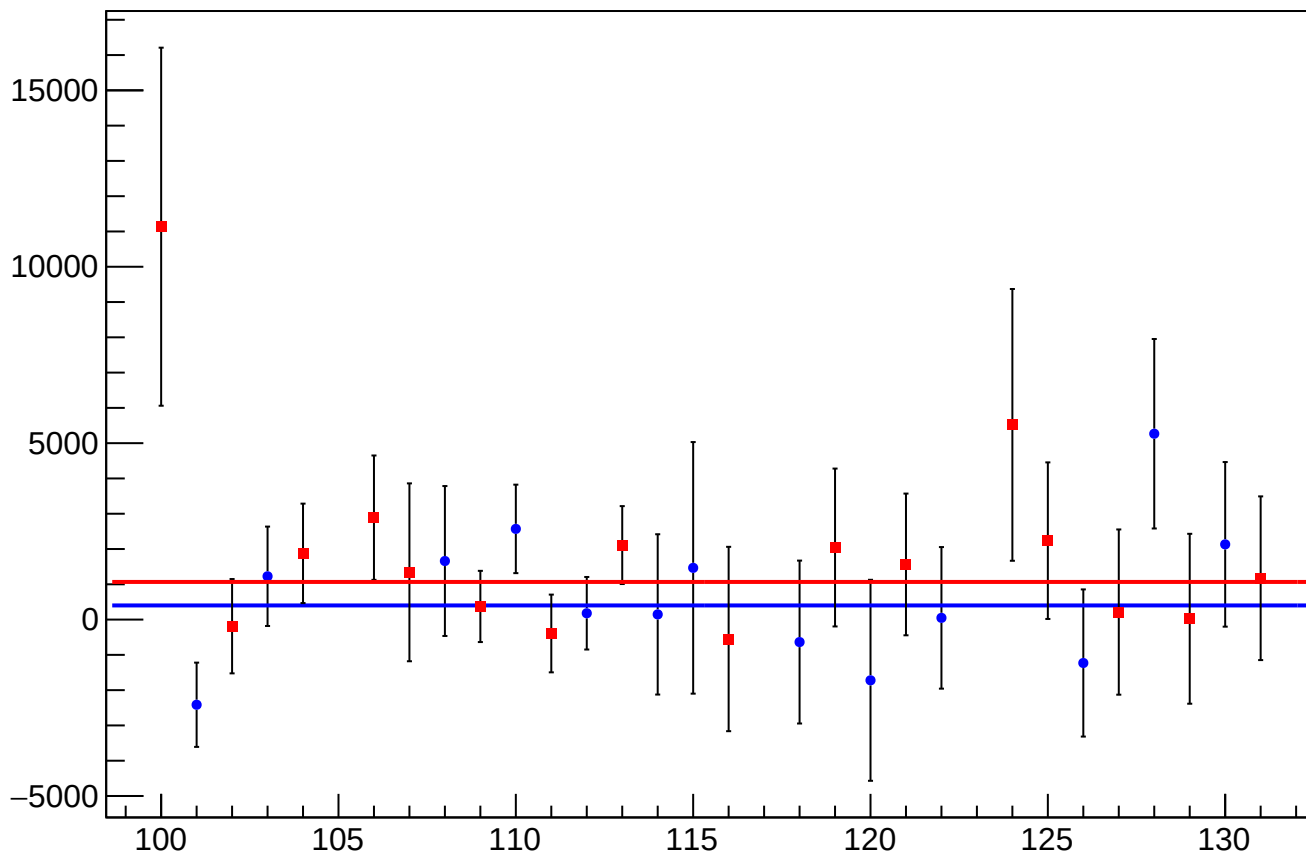
Right: 99.800+/-0.021 χ^2/NDF : 1475733.3/28

In: 101.192+/-0.032 χ^2/NDF :672755.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.800+/-0.021 χ^2/NDF : 1475733.3/28

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 400.882 $\pm$ 477.114 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1066.887 $\pm$ 422.081 χ^2 /NDF: 11.9/15

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

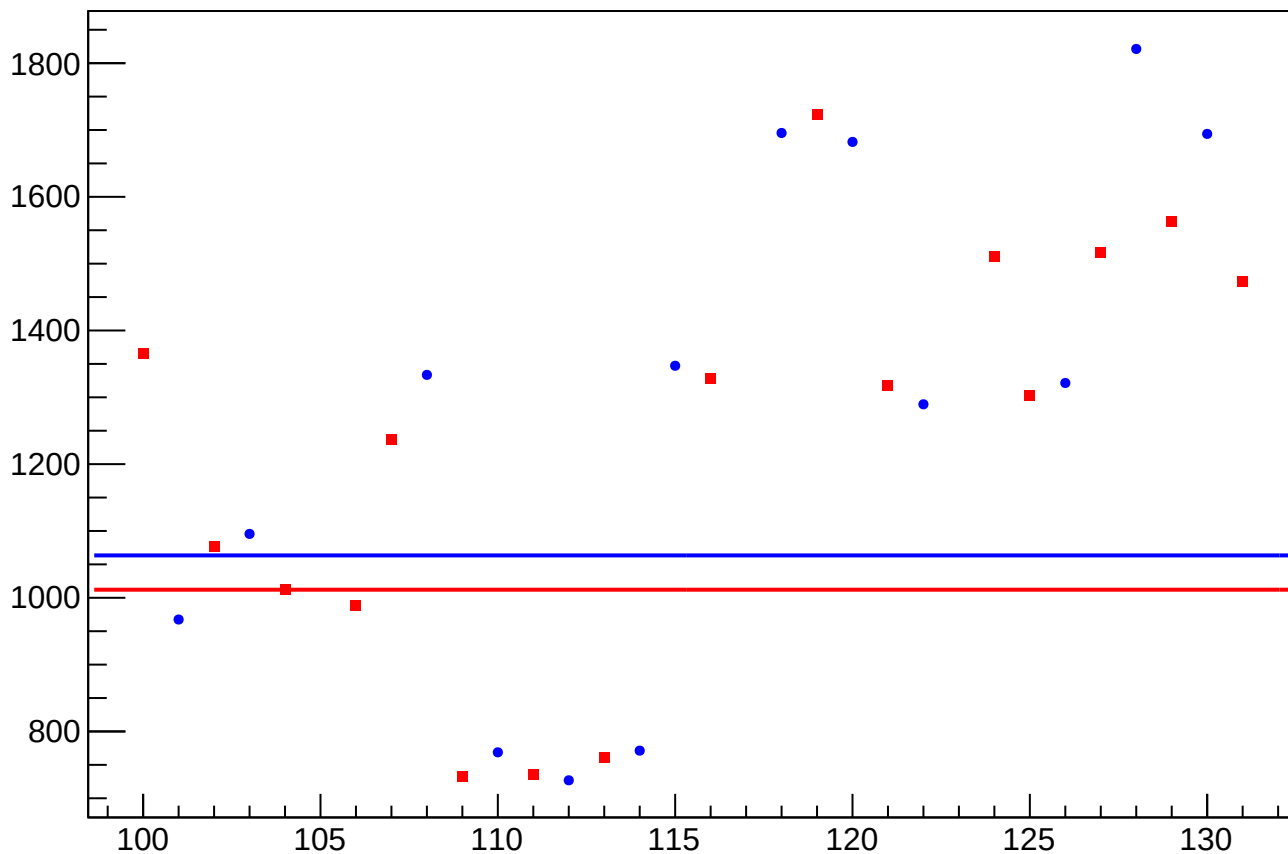
Right: 774.493 $\pm$ 316.131 χ^2 /NDF: 27.6/28

In: 400.882 $\pm$ 477.114 χ^2 /NDF:14.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 774.493 $\pm$ 316.131 χ^2 /NDF: 27.6/28

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1063.434+/-0.337 χ^2/NDF : 1022687.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.113+/-0.298 χ^2/NDF : 1034080.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

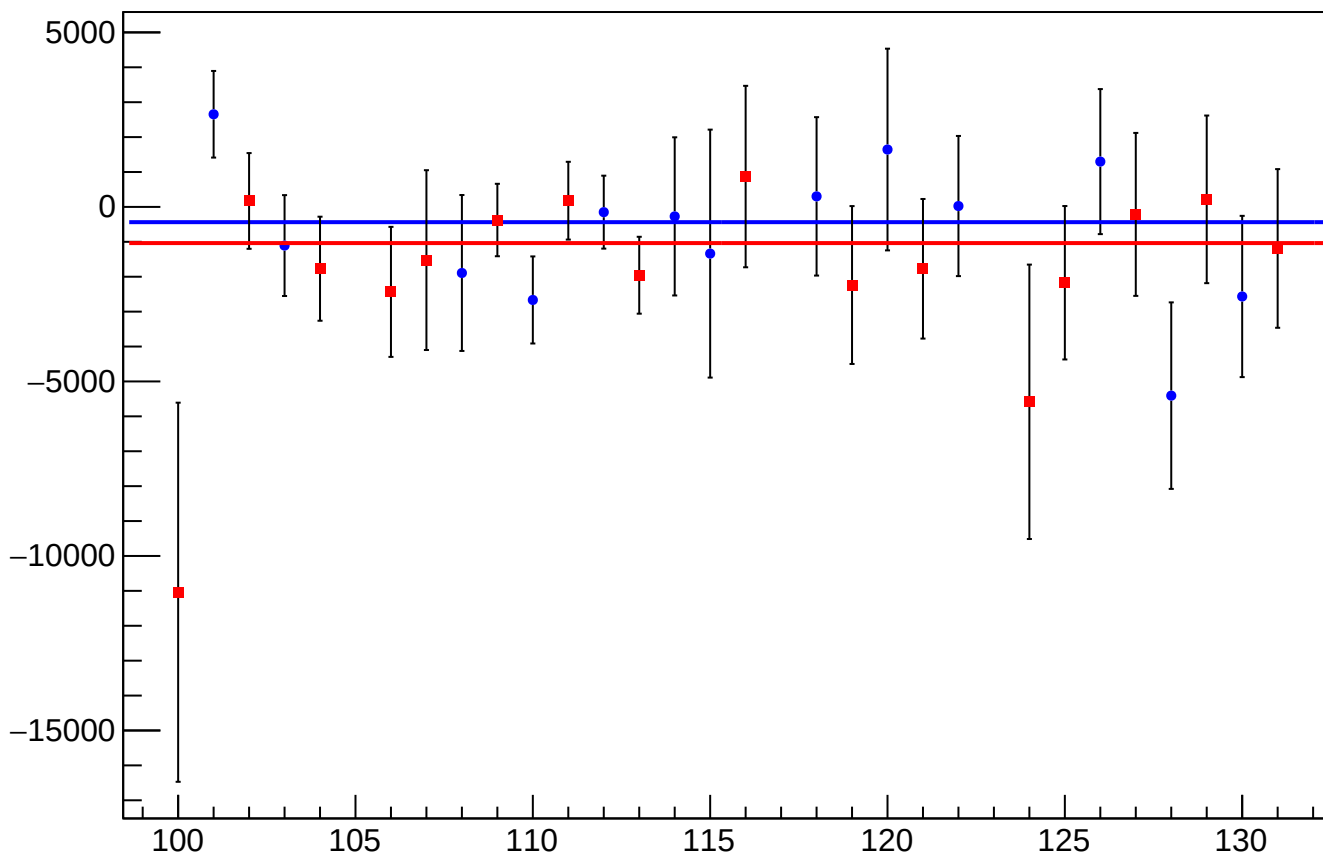
Right: 1034.644+/-0.224 χ^2/NDF : 2069749.4/28

In: 1063.434+/-0.337 χ^2/NDF : 1022687.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.644+/-0.224 χ^2/NDF : 2069749.4/28

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -436.844+/-483.221 χ^2/NDF : 15.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1036.135+/-429.178 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

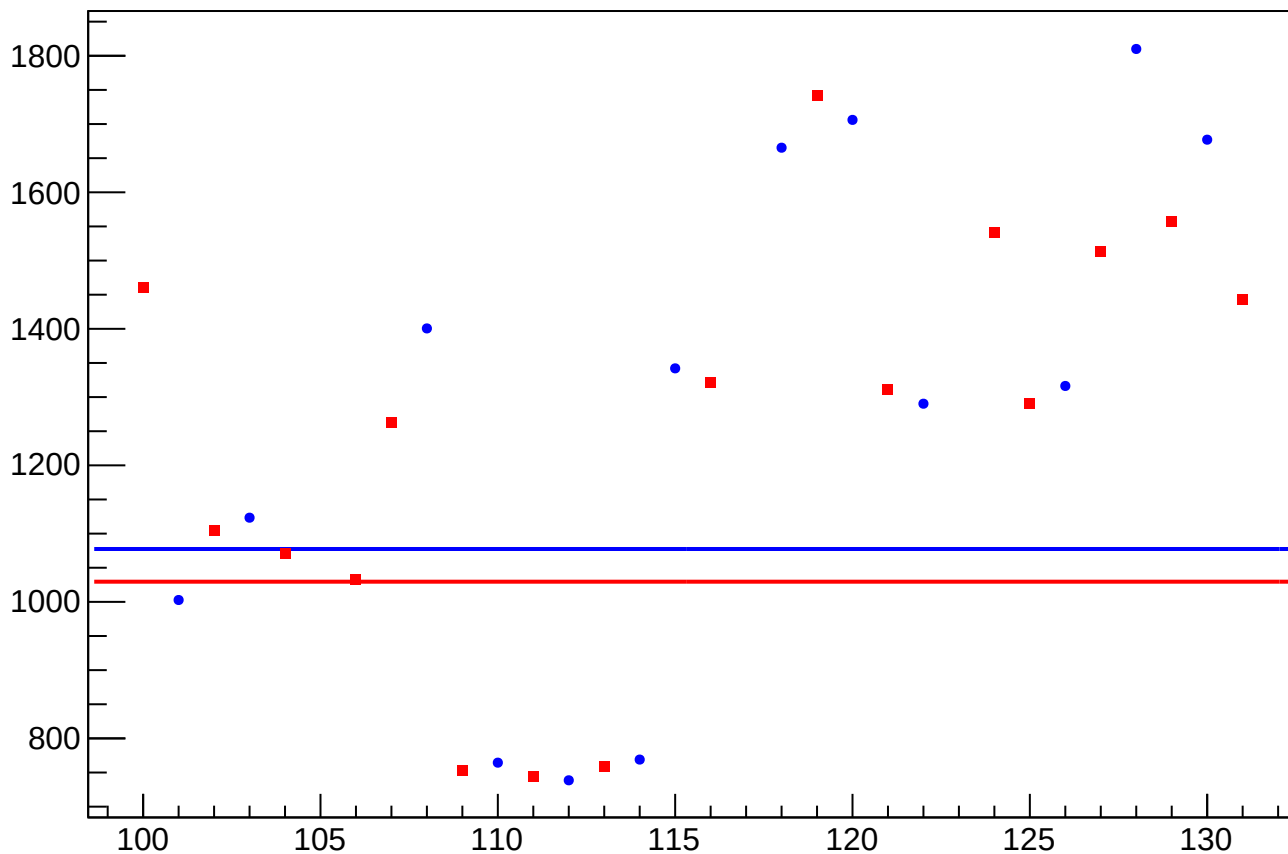
Right: -771.863+/-320.887 χ^2/NDF : 27.0/28

In: -436.844+/-483.221 χ^2/NDF : 15.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.863+/-320.887 χ^2/NDF : 27.0/28

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1077.462+/-0.342 χ^2/NDF : 998465.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.566+/-0.303 χ^2/NDF : 1003369.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

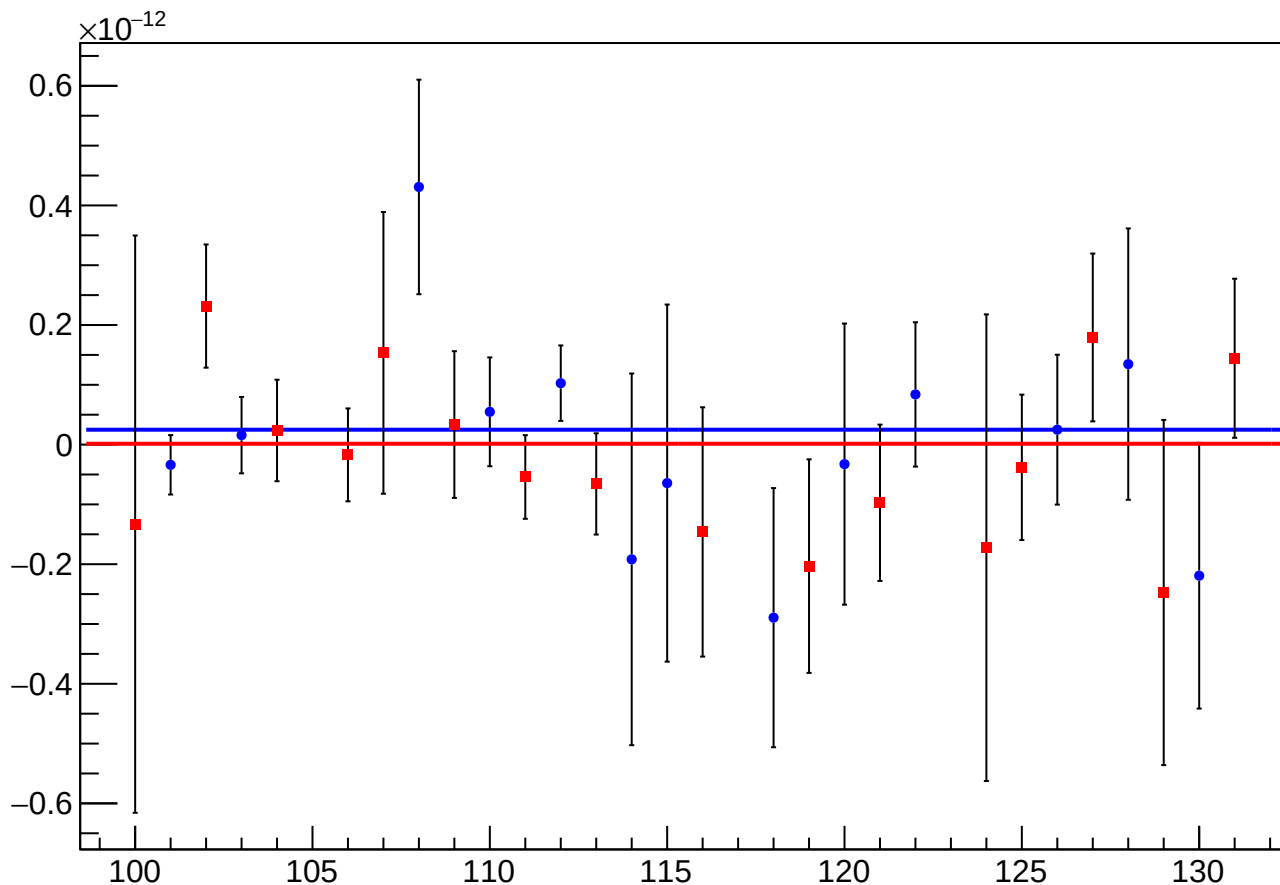
Right: 1050.687+/-0.227 χ^2/NDF : 2012819.4/28

In: 1077.462+/-0.342 χ^2/NDF : 998465.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.687+/-0.227 χ^2/NDF : 2012819.4/28

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

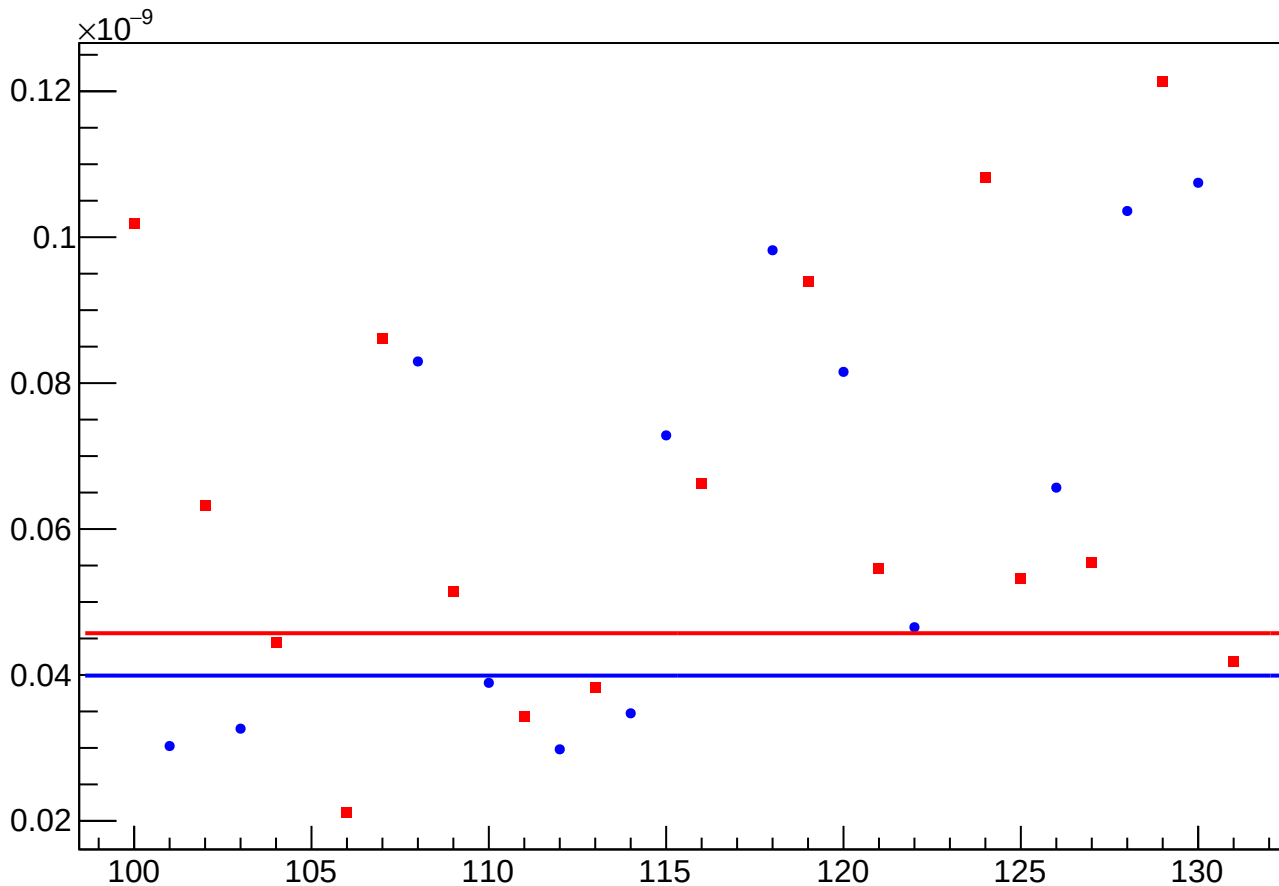
Right: 0.000+/-0.000 χ^2/NDF : 26.1/28

In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/28

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 933221.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 799037.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

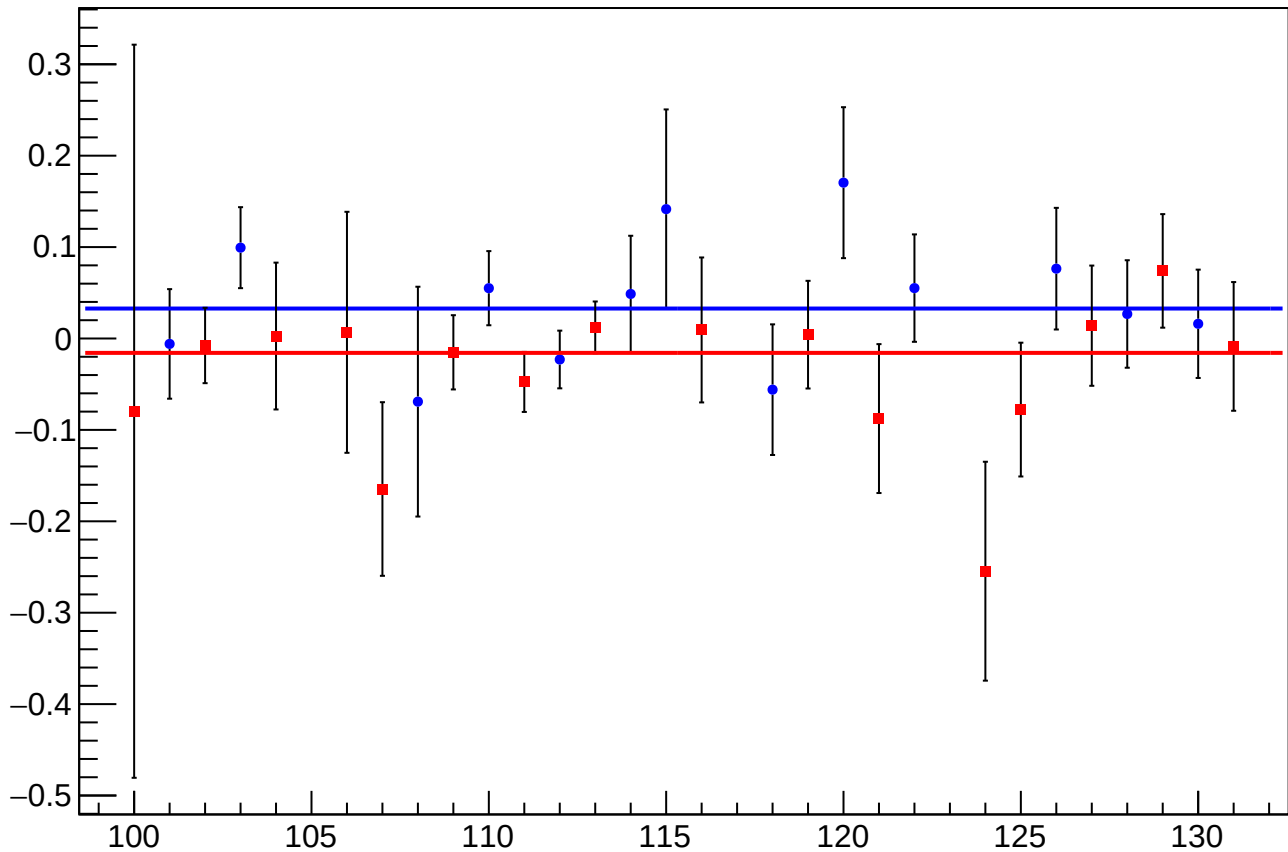
Right: 0.000+/-0.000 χ^2/NDF : 1772985.3/28

In: 0.000+/-0.000 χ^2/NDF : 933221.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1772985.3/28

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

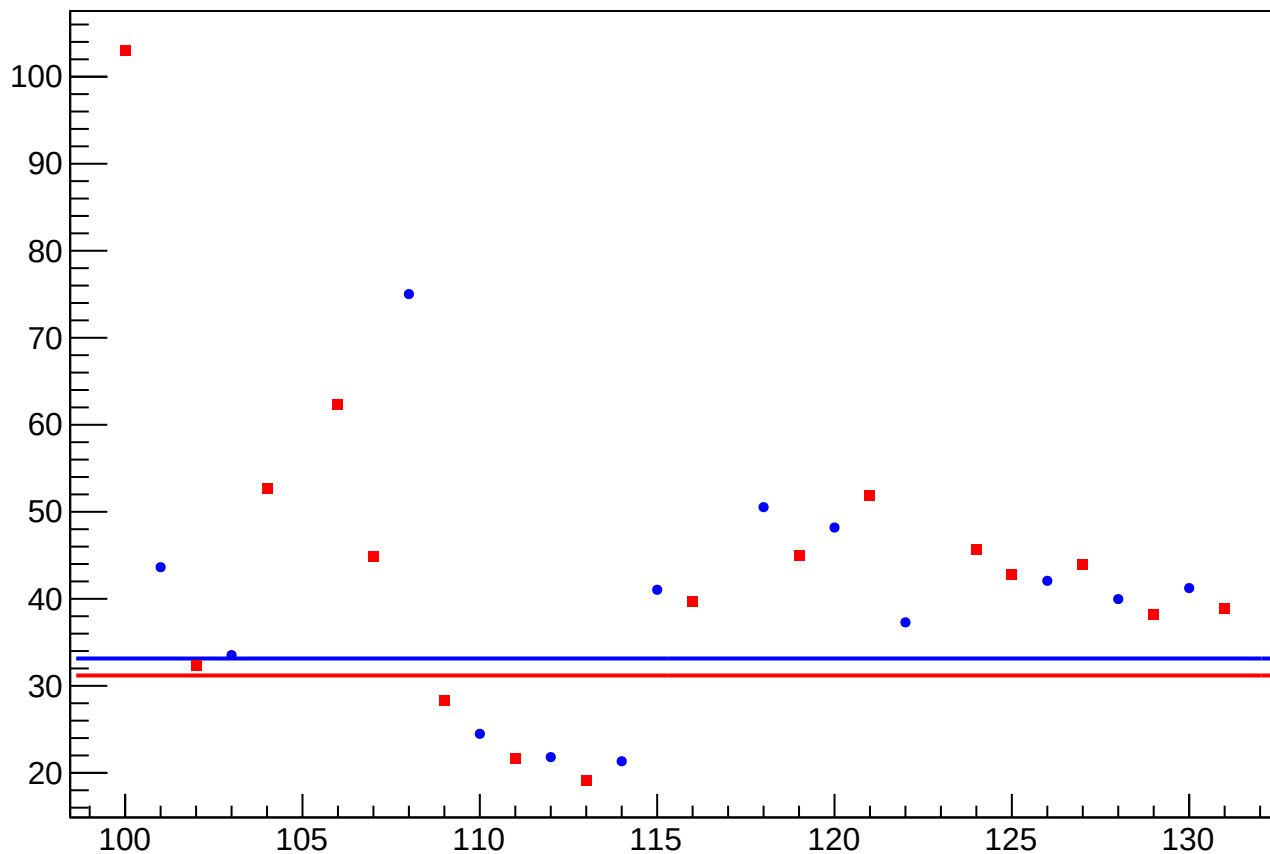
Right: 0.006+/-0.010 χ^2/NDF : 30.8/28

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/28

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.142+/-0.011 χ^2/NDF : 1006937.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.191+/-0.010 χ^2/NDF : 1369928.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

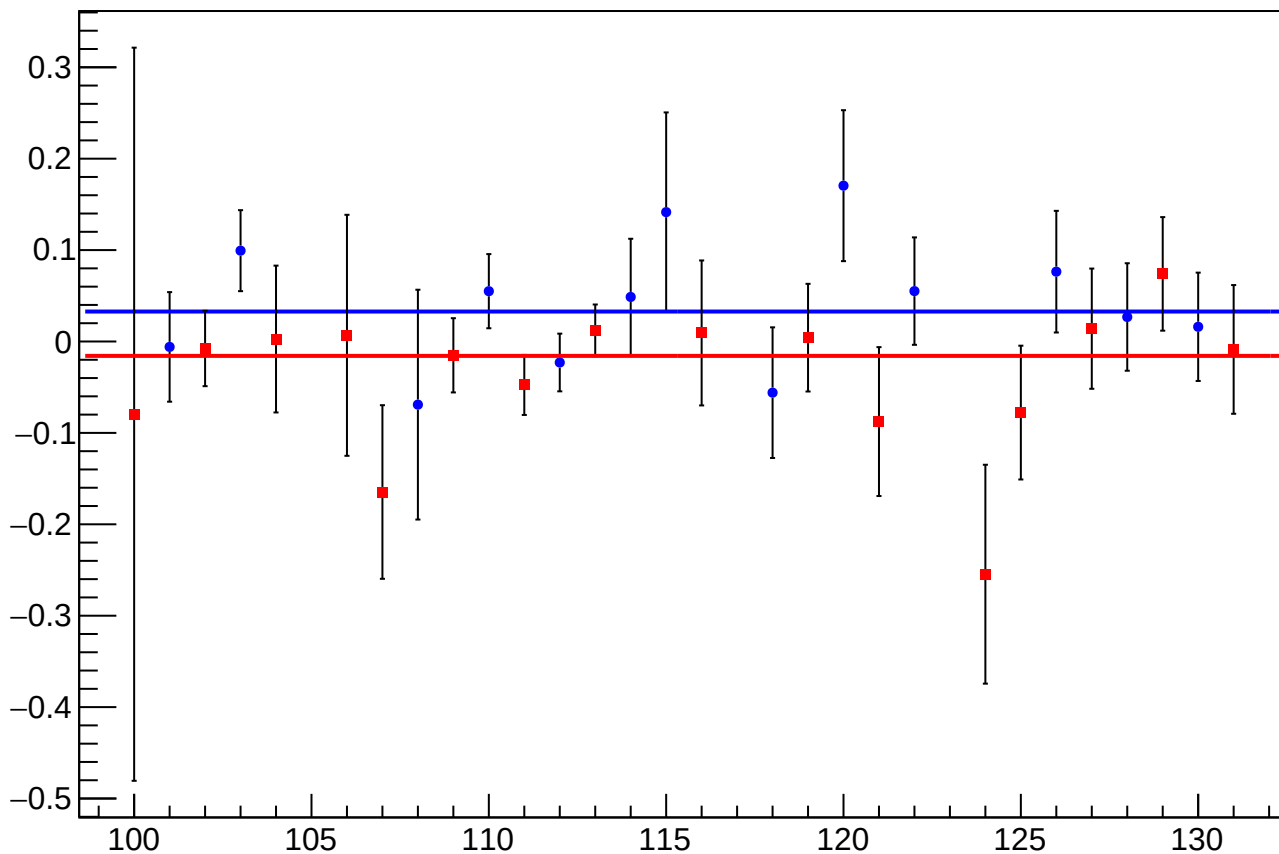
Right: 32.061+/-0.007 χ^2/NDF : 2394685.8/28

In: 33.142+/-0.011 χ^2/NDF :1006937.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.061+/-0.007 χ^2/NDF : 2394685.8/28

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

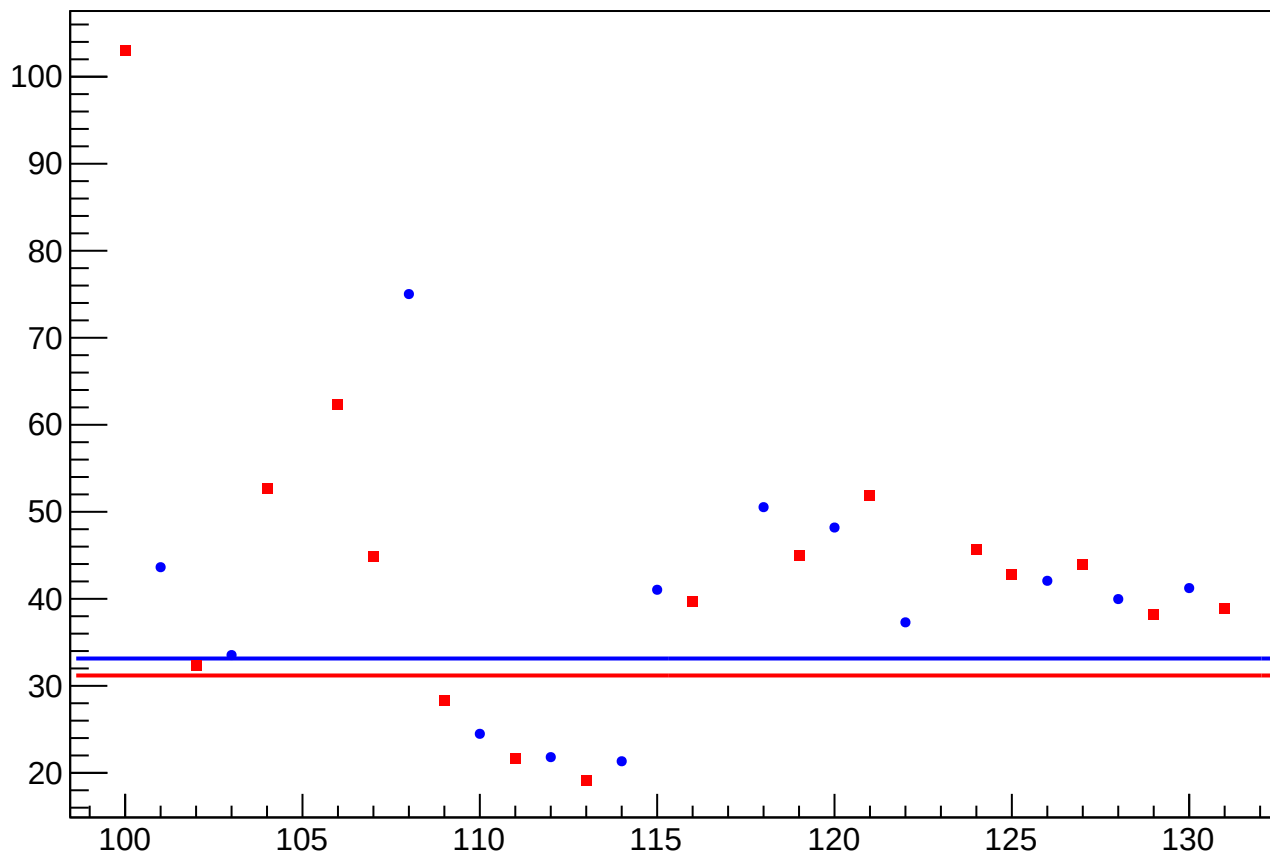
Right: 0.006+/-0.010 χ^2/NDF : 30.8/28

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/28

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.142+/-0.011 χ^2/NDF : 1006937.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.191+/-0.010 χ^2/NDF : 1369928.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

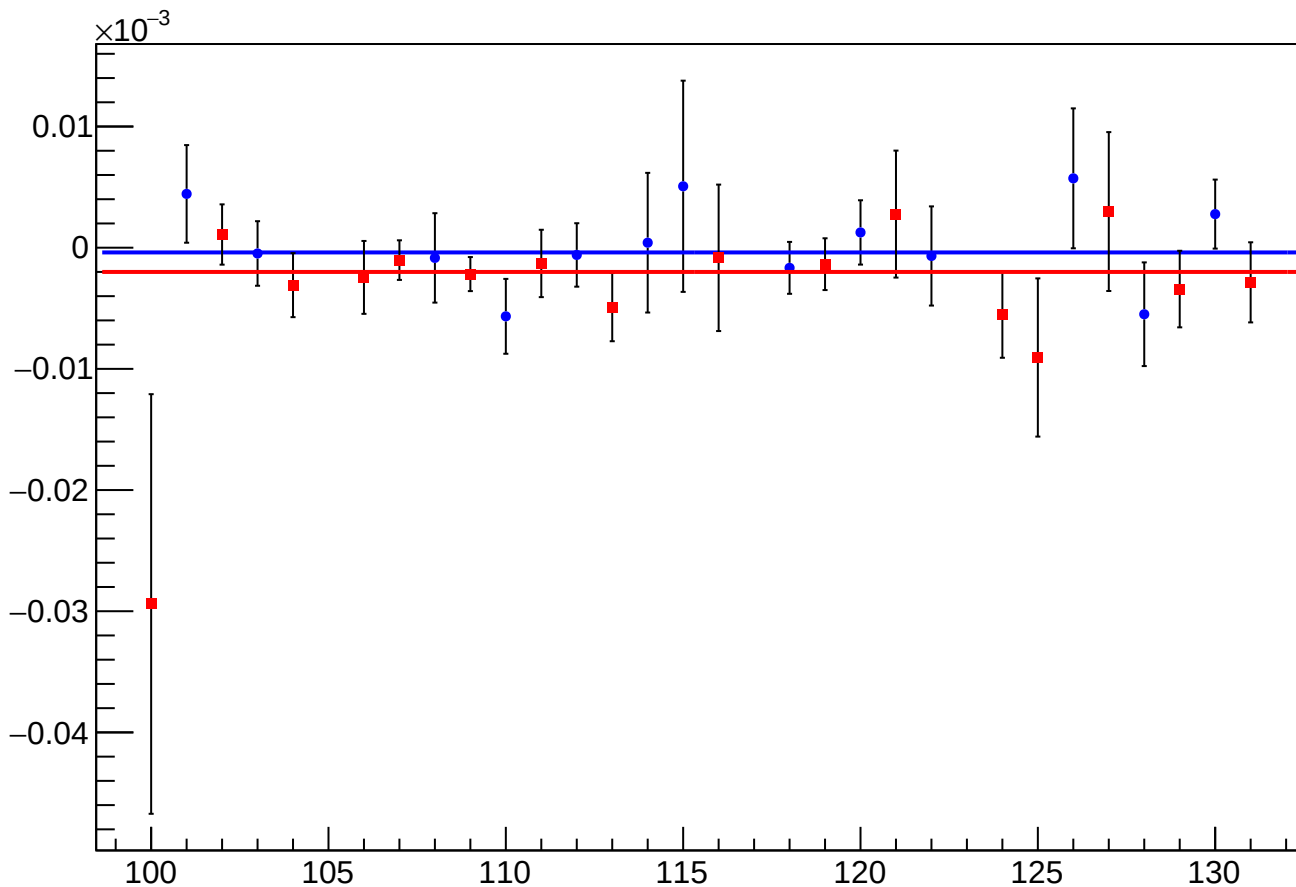
Right: 32.061+/-0.007 χ^2/NDF : 2394685.8/28

In: 33.142+/-0.011 χ^2/NDF :1006937.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.061+/-0.007 χ^2/NDF : 2394685.8/28

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

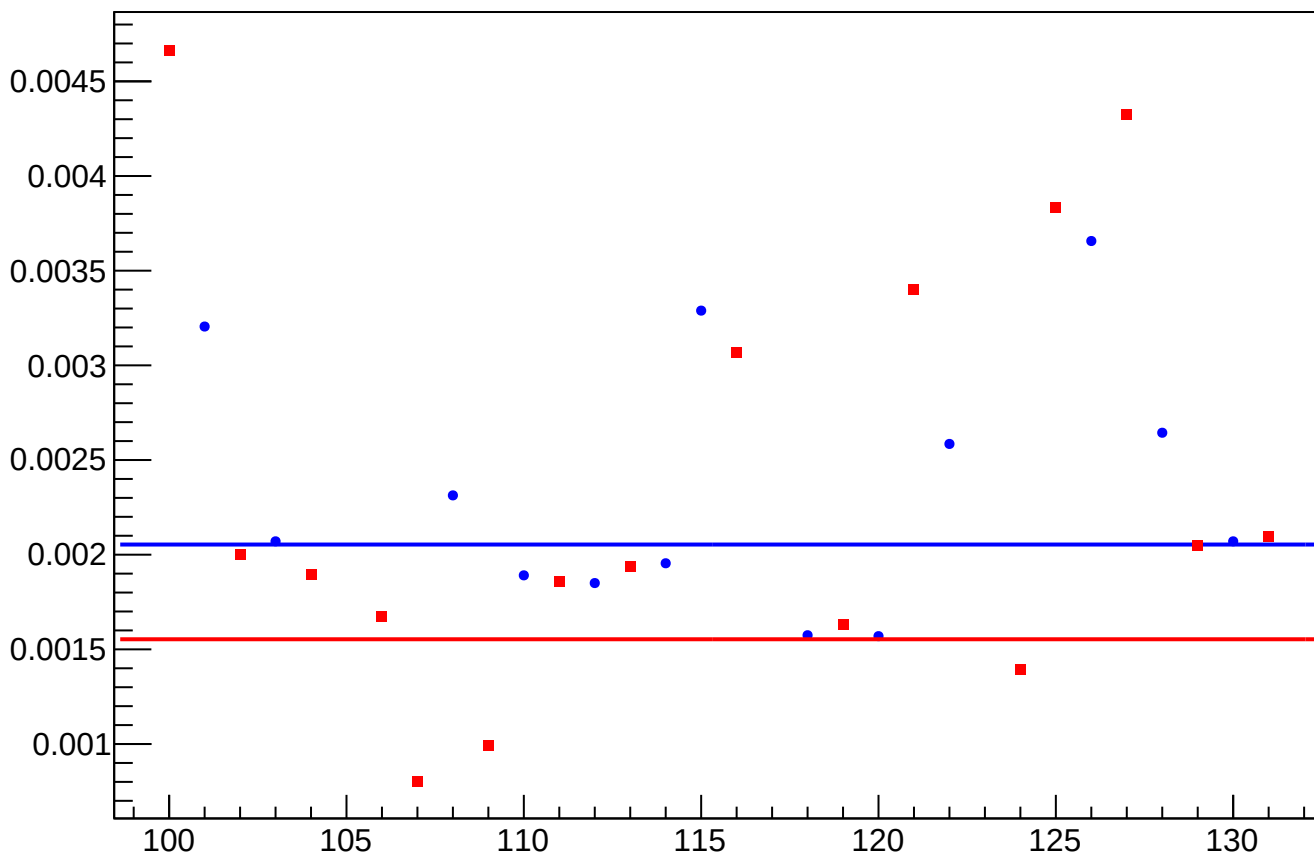
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.0/28

In: -0.000 $\pm$ 0.000 χ^2 /NDF:9.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.0/28

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 624448.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2054318.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

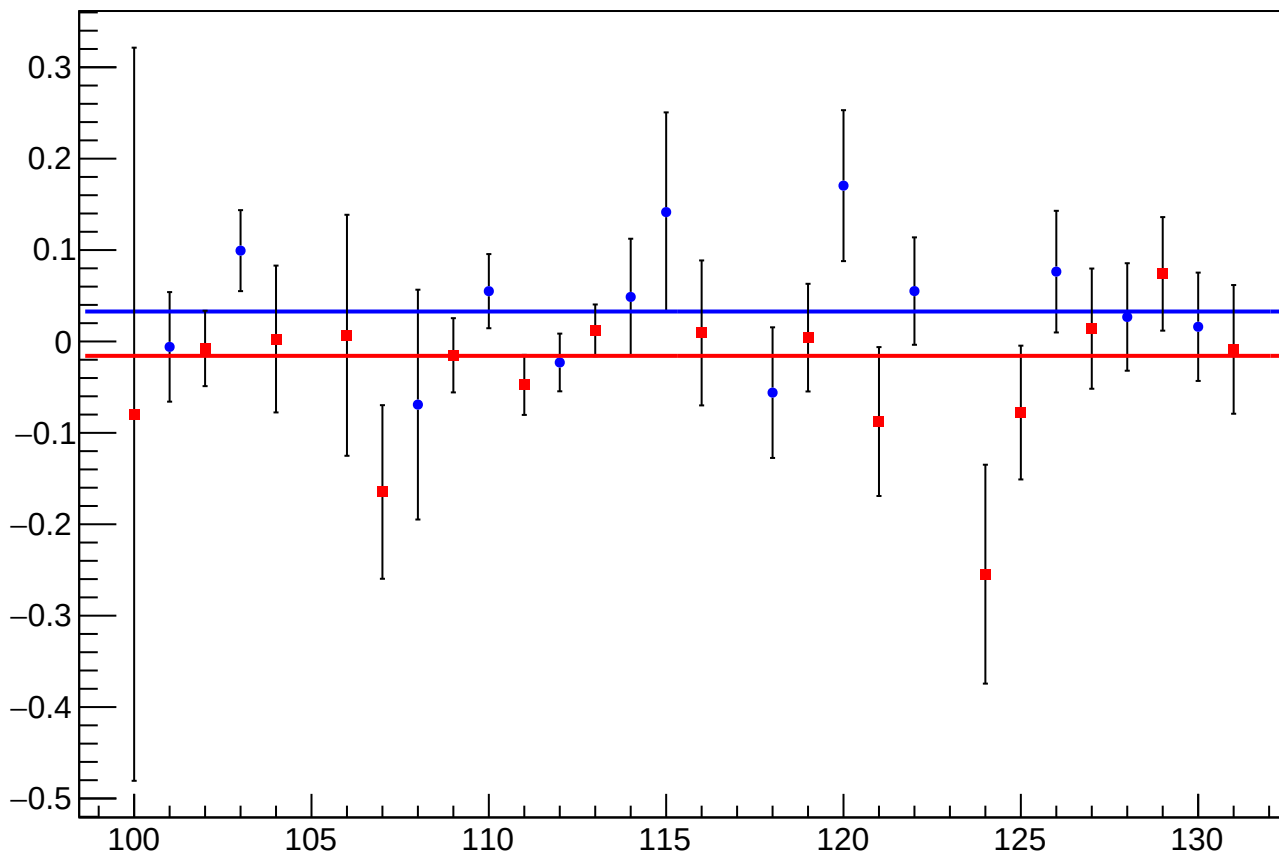
Right: 0.002+/-0.000 χ^2/NDF : 3064163.4/28

In: 0.002+/-0.000 χ^2/NDF :624448.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3064163.4/28

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

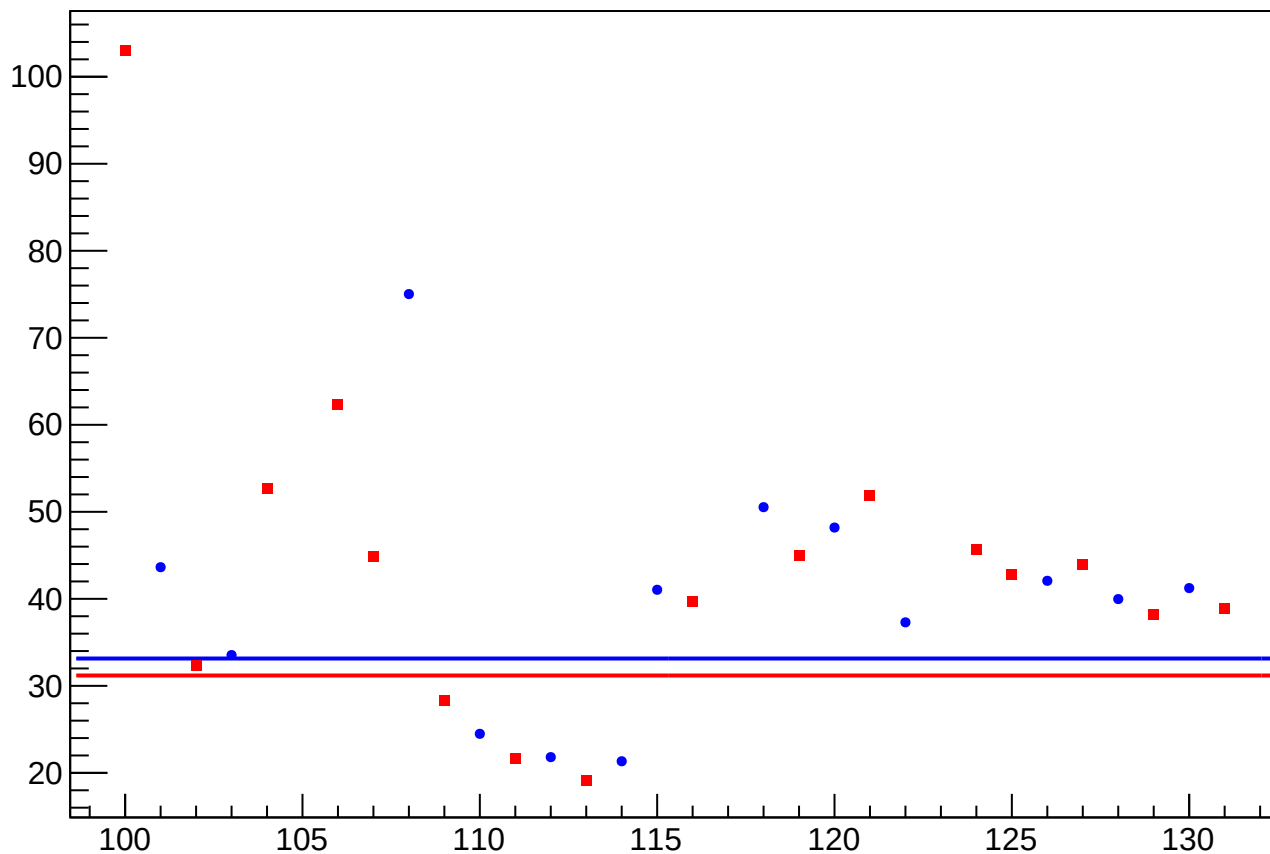
Right: 0.006+/-0.010 χ^2/NDF : 30.8/28

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/28

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.192+/-0.010 χ^2/NDF : 1369887.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

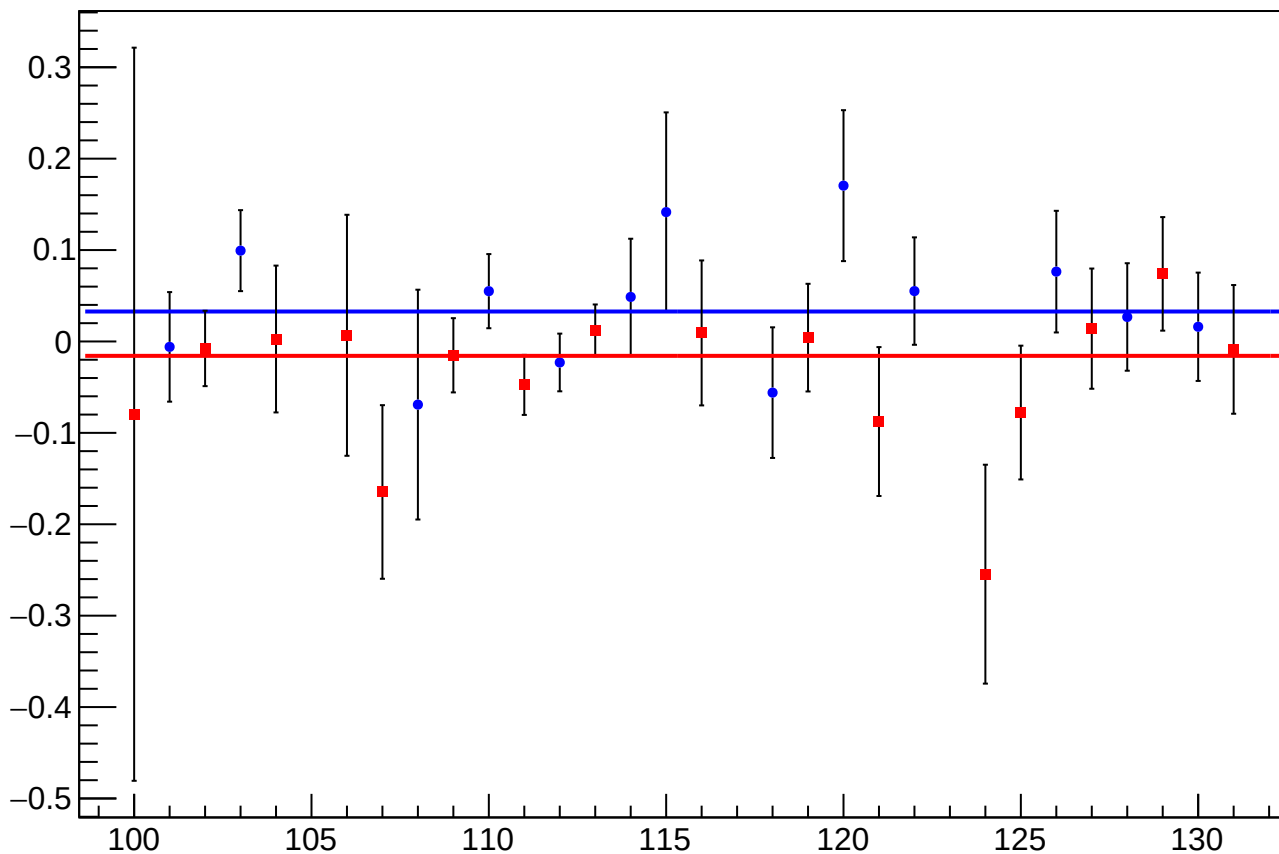
Right: 32.062+/-0.007 χ^2/NDF : 2394614.0/28

In: 33.143+/-0.011 χ^2/NDF :1006906.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.062+/-0.007 χ^2/NDF : 2394614.0/28

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

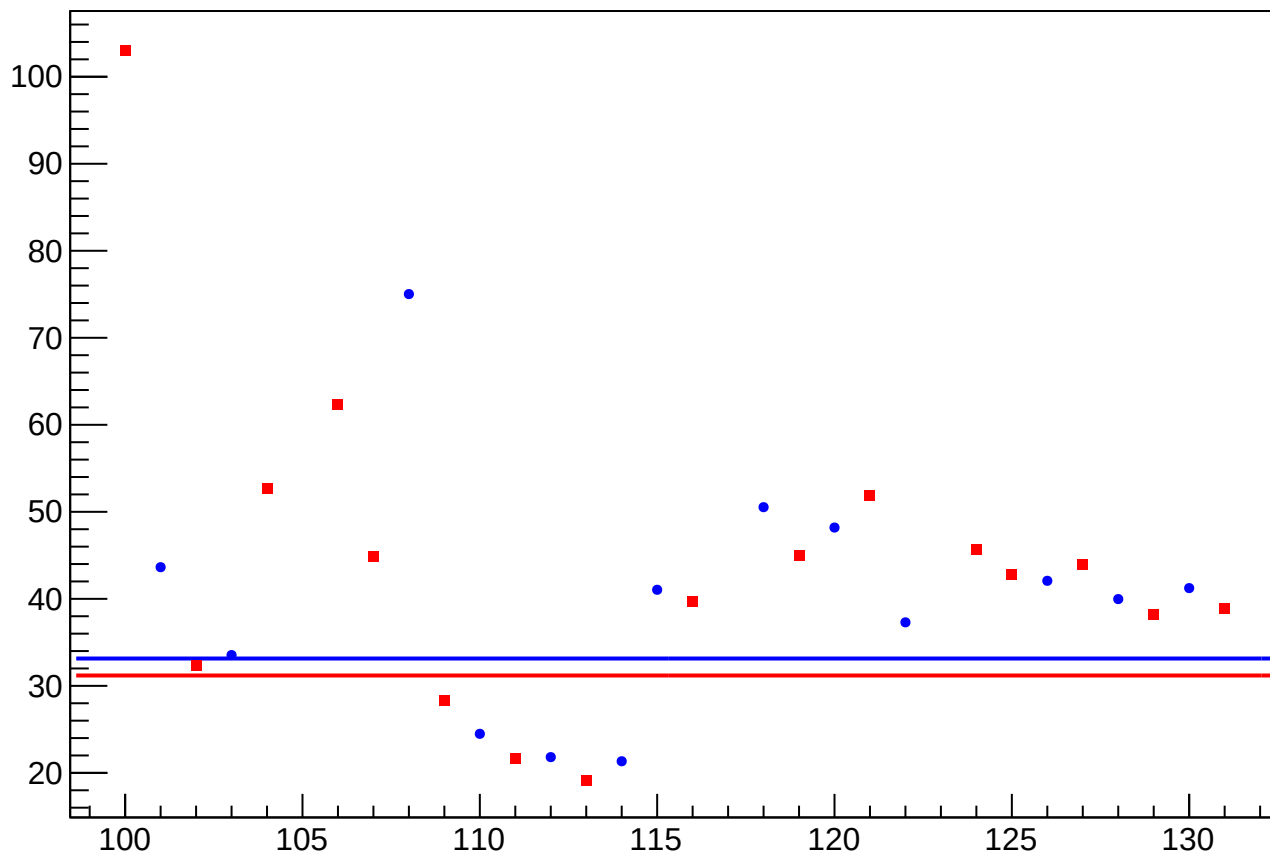
Right: 0.006+/-0.010 χ^2/NDF : 30.8/28

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/28

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.192+/-0.010 χ^2/NDF : 1369887.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

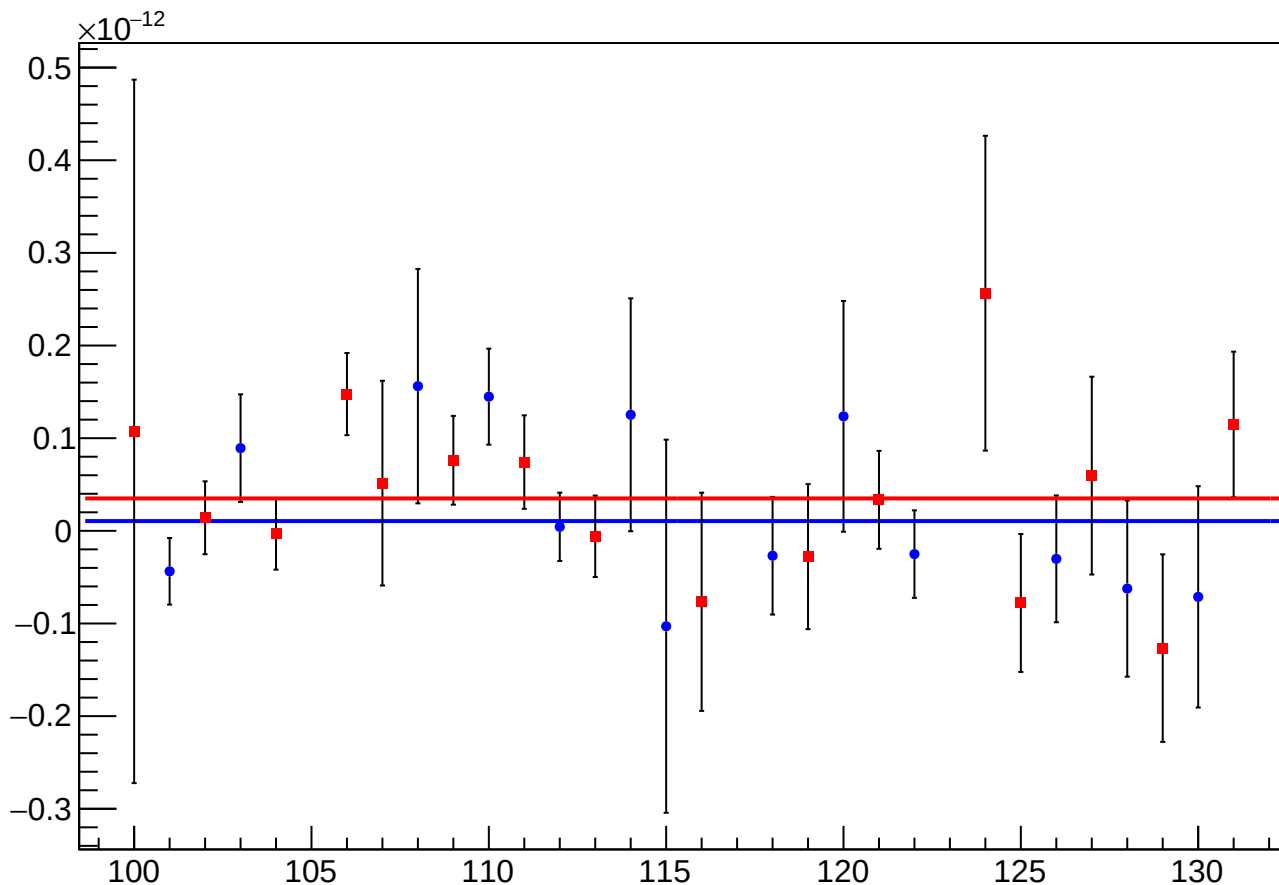
Right: 32.062+/-0.007 χ^2/NDF : 2394614.0/28

In: 33.143+/-0.011 χ^2/NDF :1006906.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.062+/-0.007 χ^2/NDF : 2394614.0/28

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

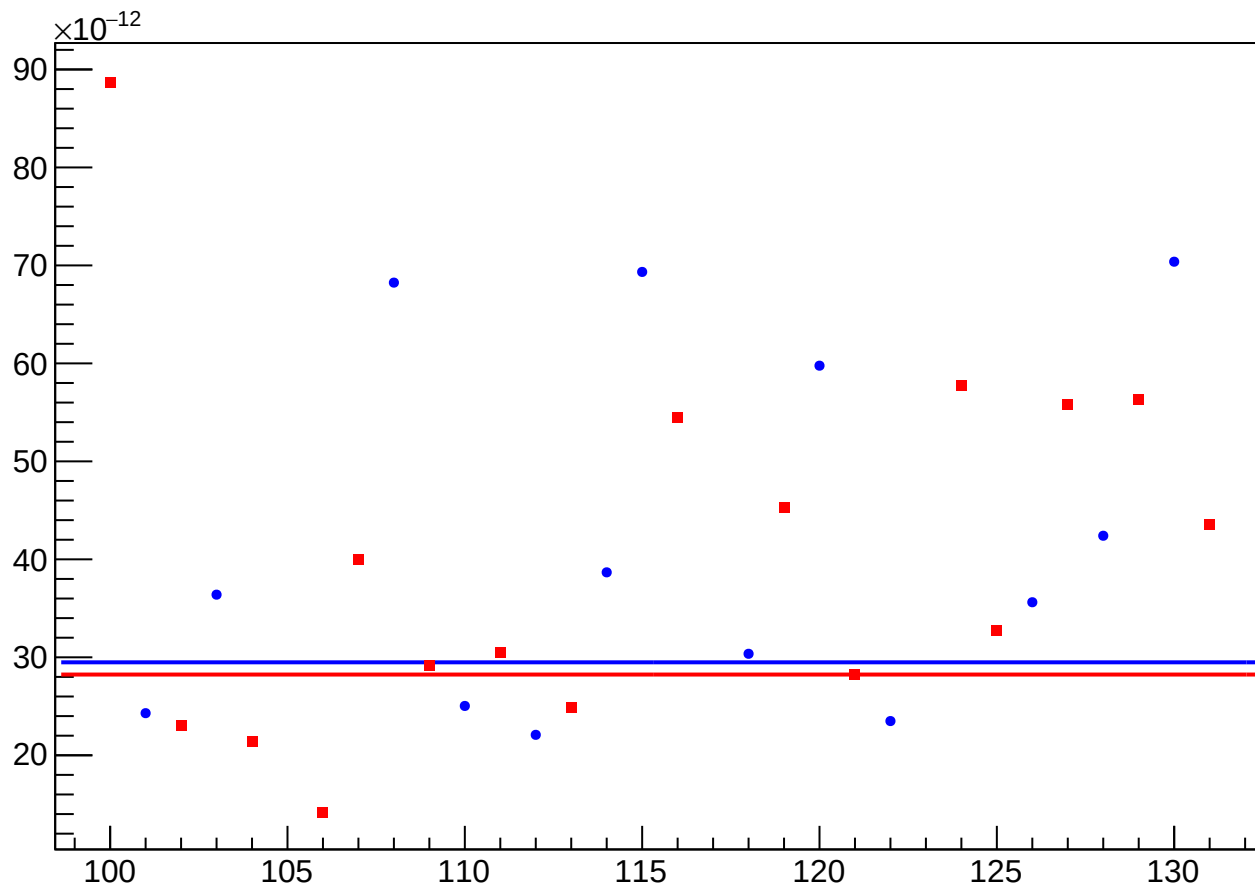
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.8/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:16.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.8/28

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 880455.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1014301.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

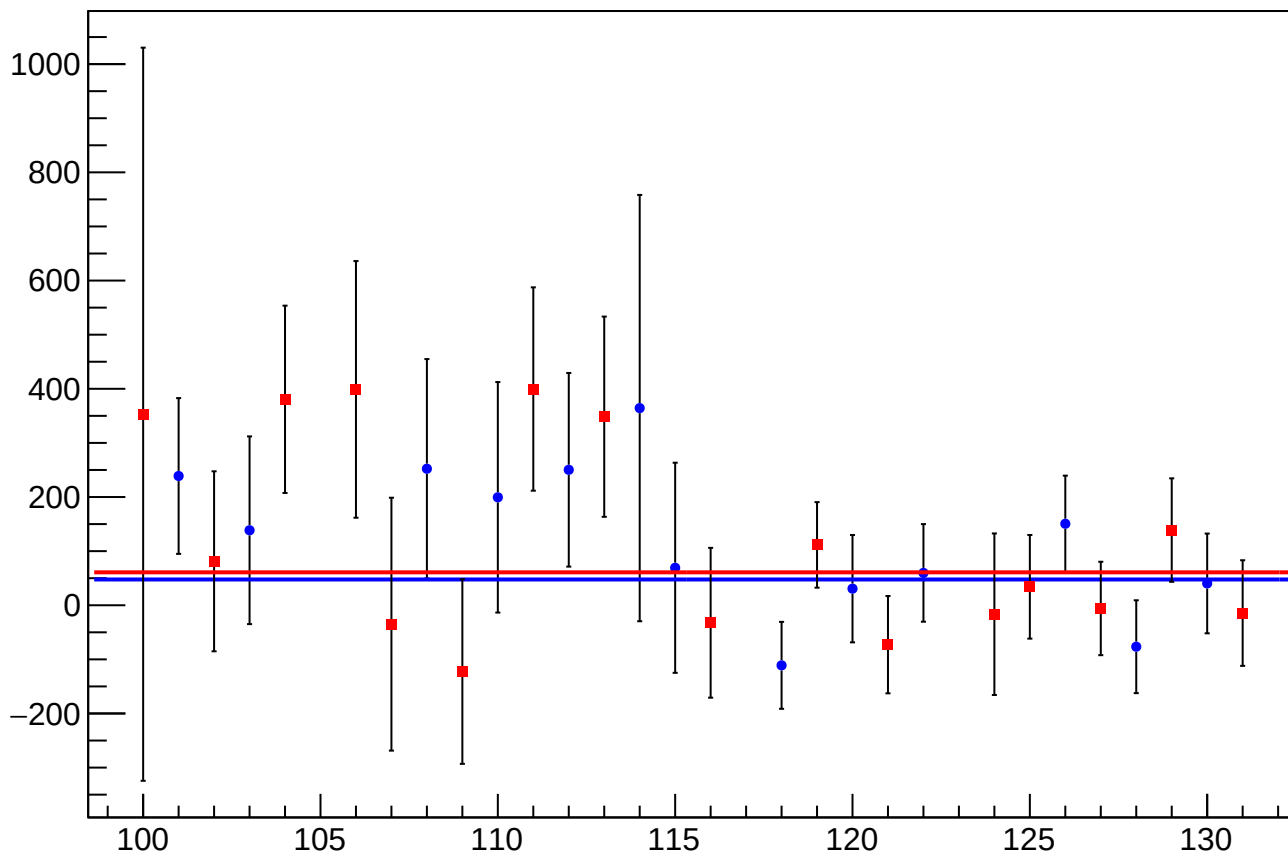
Right: 0.000+/-0.000 χ^2/NDF : 1900816.6/28

In: 0.000+/-0.000 χ^2/NDF :880455.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1900816.6/28

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 47.630+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.839+/-31.036 χ^2/NDF : 17.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

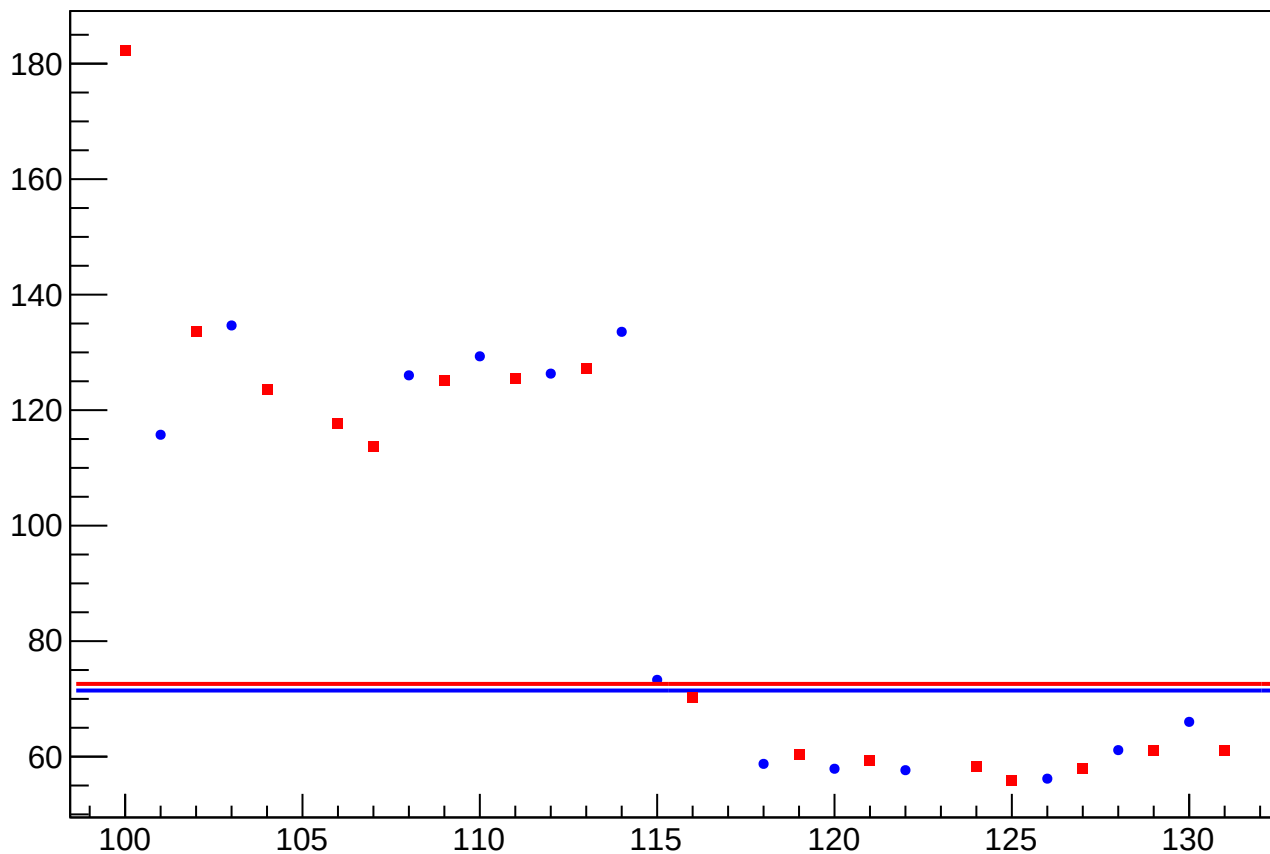
Right: 54.522+/-22.419 χ^2/NDF : 30.9/28

In: 47.630+/-32.418 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.522+/-22.419 χ^2/NDF : 30.9/28

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 71.449+/-0.023 χ^2/NDF : 1214562.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.595+/-0.022 χ^2/NDF : 1436687.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

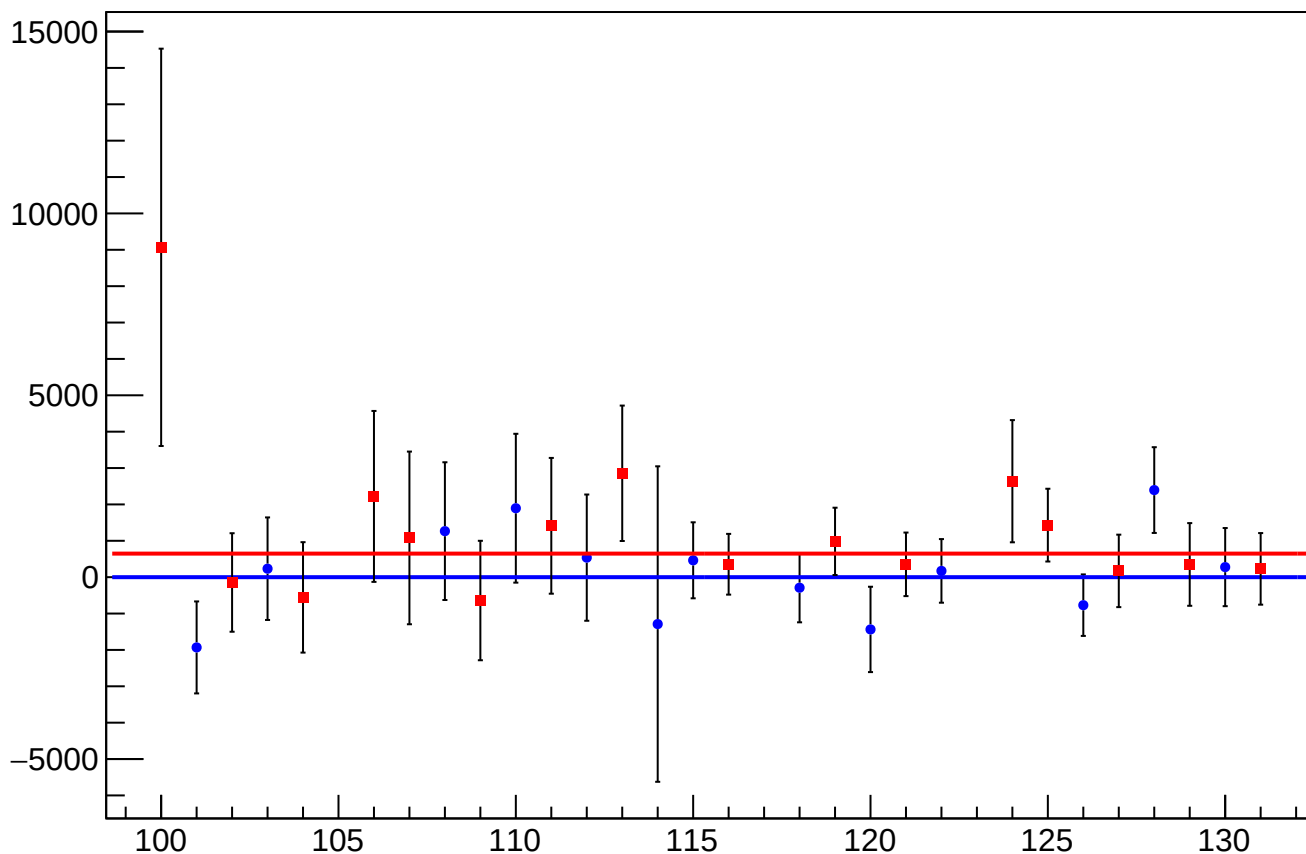
Right: 72.047+/-0.016 χ^2/NDF : 2652553.3/28

In: 71.449+/-0.023 χ^2/NDF : 1214562.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.047+/-0.016 χ^2/NDF : 2652553.3/28

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -0.125 ± 332.012 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 647.739 ± 310.079 χ^2/NDF : 8.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

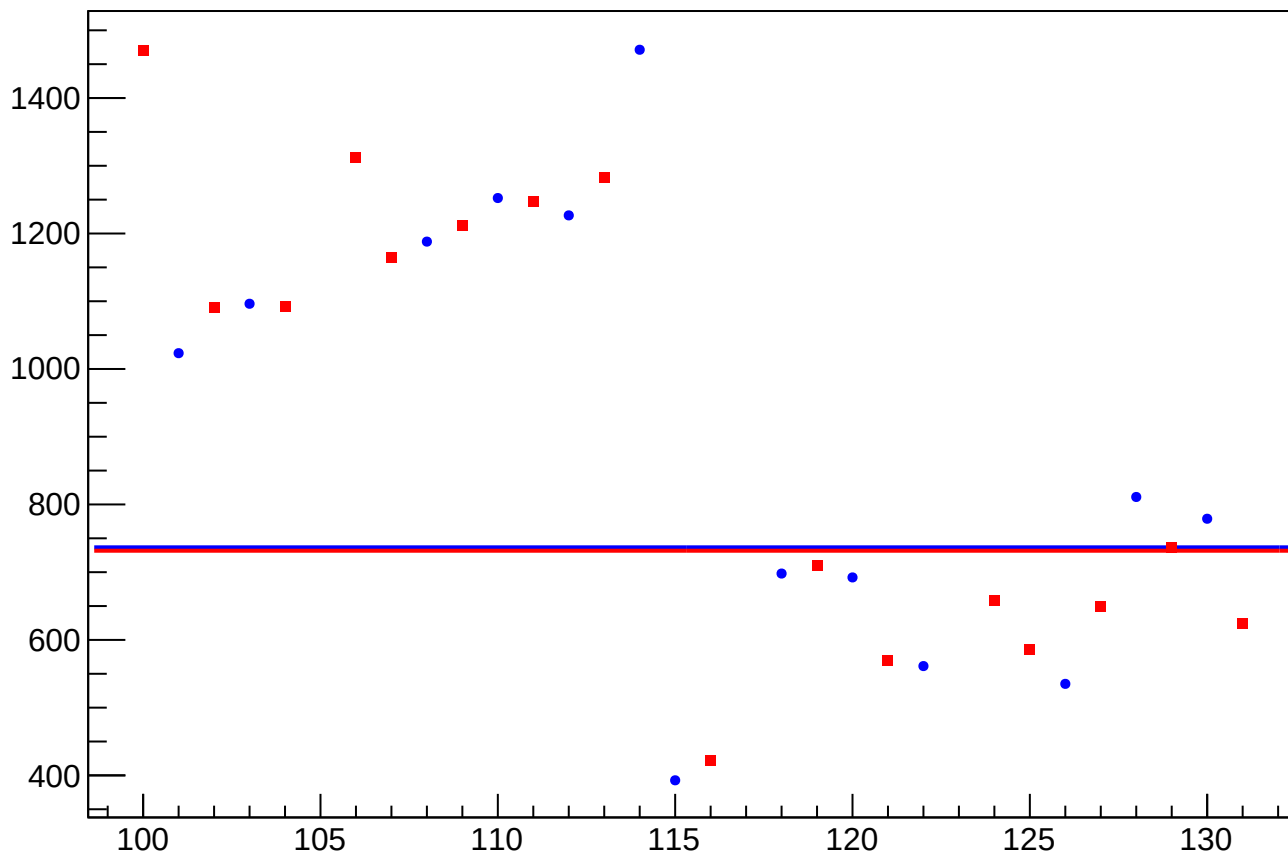
Right: 345.912 ± 226.616 χ^2/NDF : 21.6/28

In: -0.125 ± 332.012 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 345.912 ± 226.616 χ^2/NDF : 21.6/28

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 736.683+/-0.235 χ^2/NDF : 1118711.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.673+/-0.219 χ^2/NDF : 1407202.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

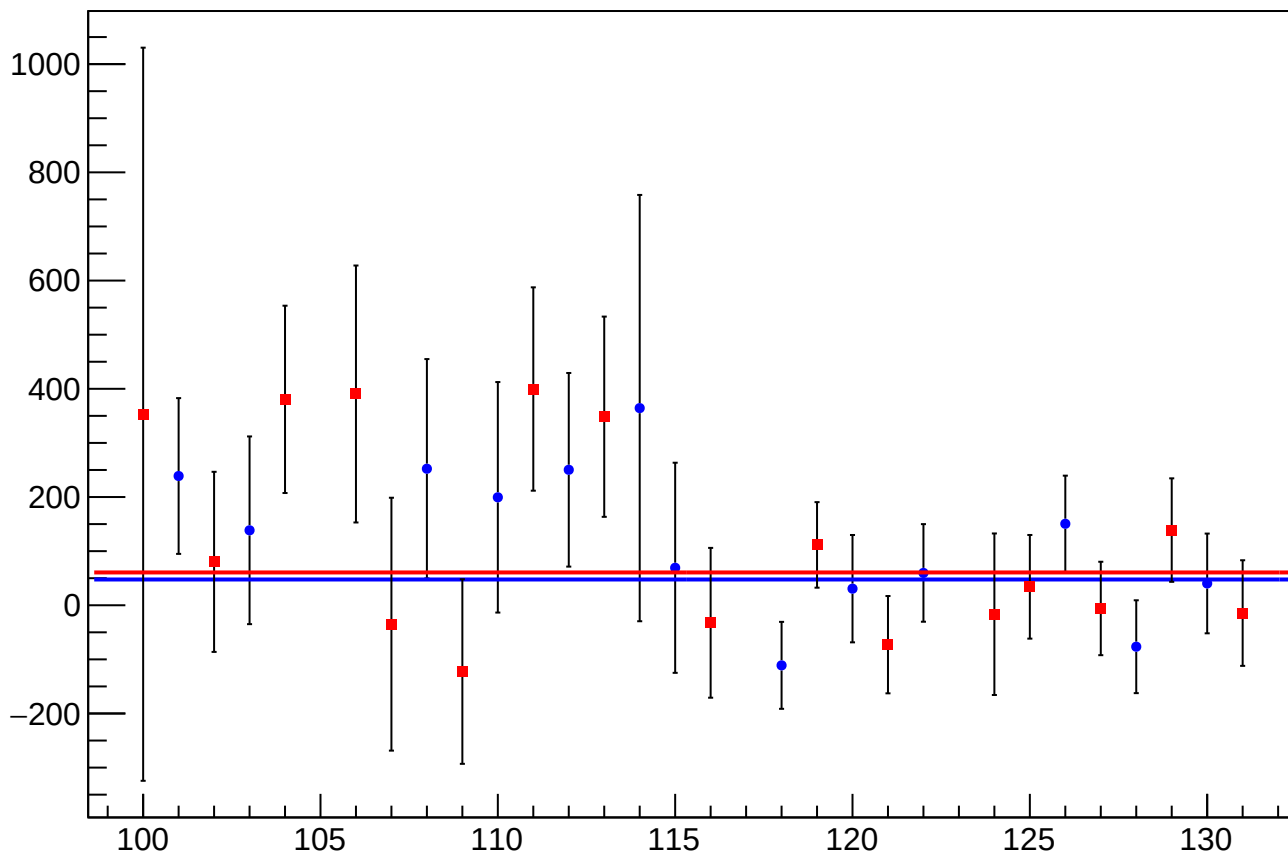
Right: 734.007+/-0.160 χ^2/NDF : 2526156.8/28

In: 736.683+/-0.235 χ^2/NDF : 1118711.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.007+/-0.160 χ^2/NDF : 2526156.8/28

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 47.625+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.637+/-31.037 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

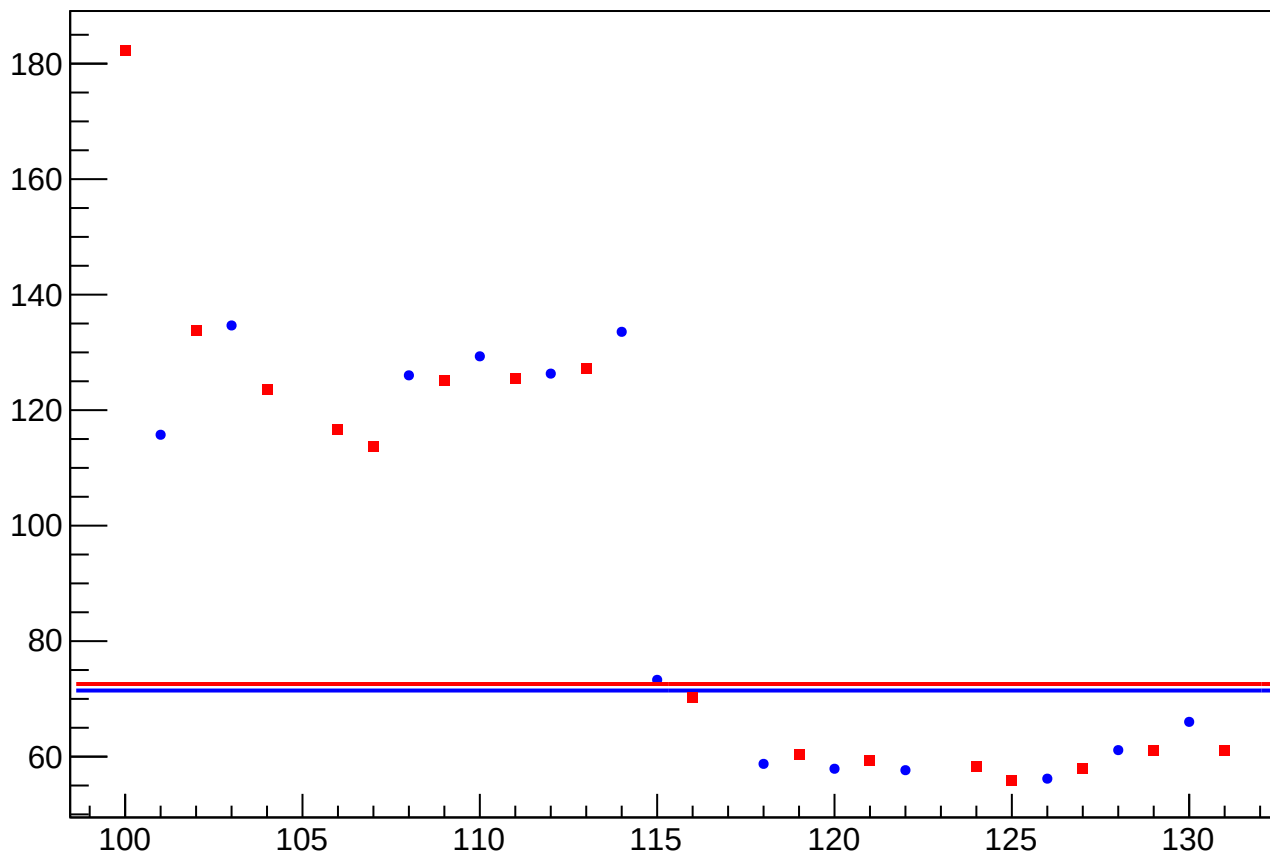
Right: 54.414+/-22.419 χ^2/NDF : 30.8/28

In: 47.625+/-32.418 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.414+/-22.419 χ^2/NDF : 30.8/28

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.576+/-0.022 χ^2/NDF : 1433656.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

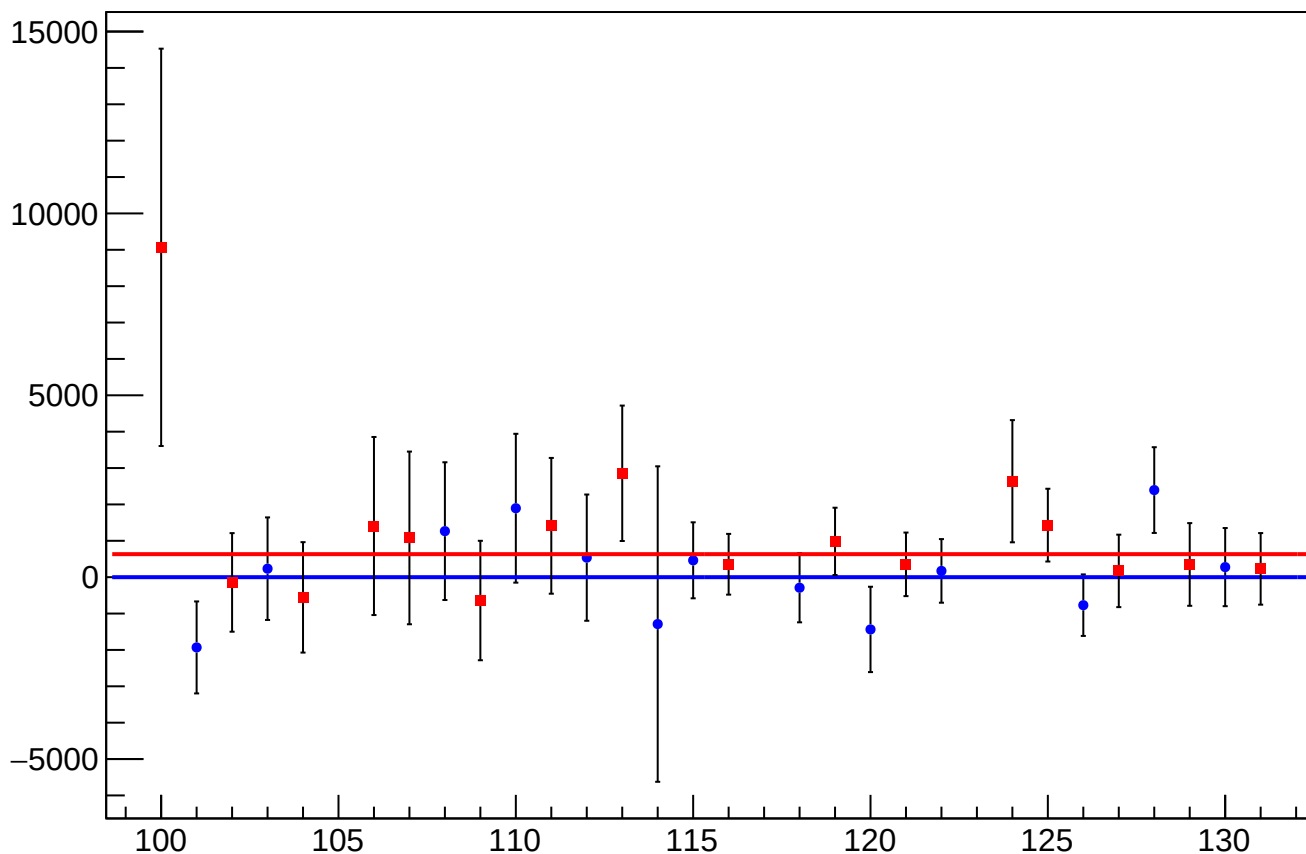
Right: 72.037+/-0.016 χ^2/NDF : 2649482.3/28

In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.037+/-0.016 χ^2/NDF : 2649482.3/28

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.092 ± 332.013 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 632.691 ± 310.303 χ^2/NDF : 8.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

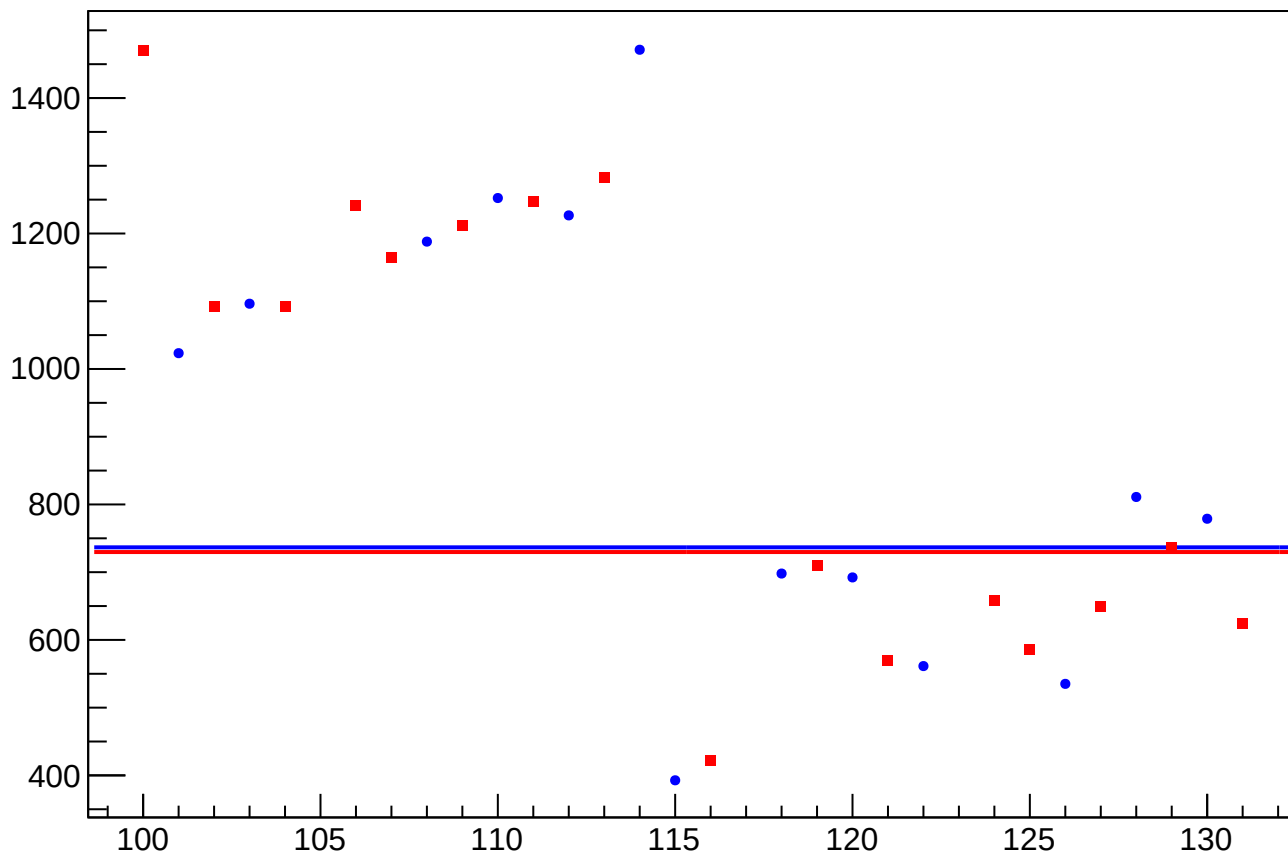
Right: 337.663 ± 226.704 χ^2/NDF : 21.2/28

In: -0.092 ± 332.013 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 337.663 ± 226.704 χ^2/NDF : 21.2/28

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.734+/-0.219 χ^2/NDF : 1371711.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

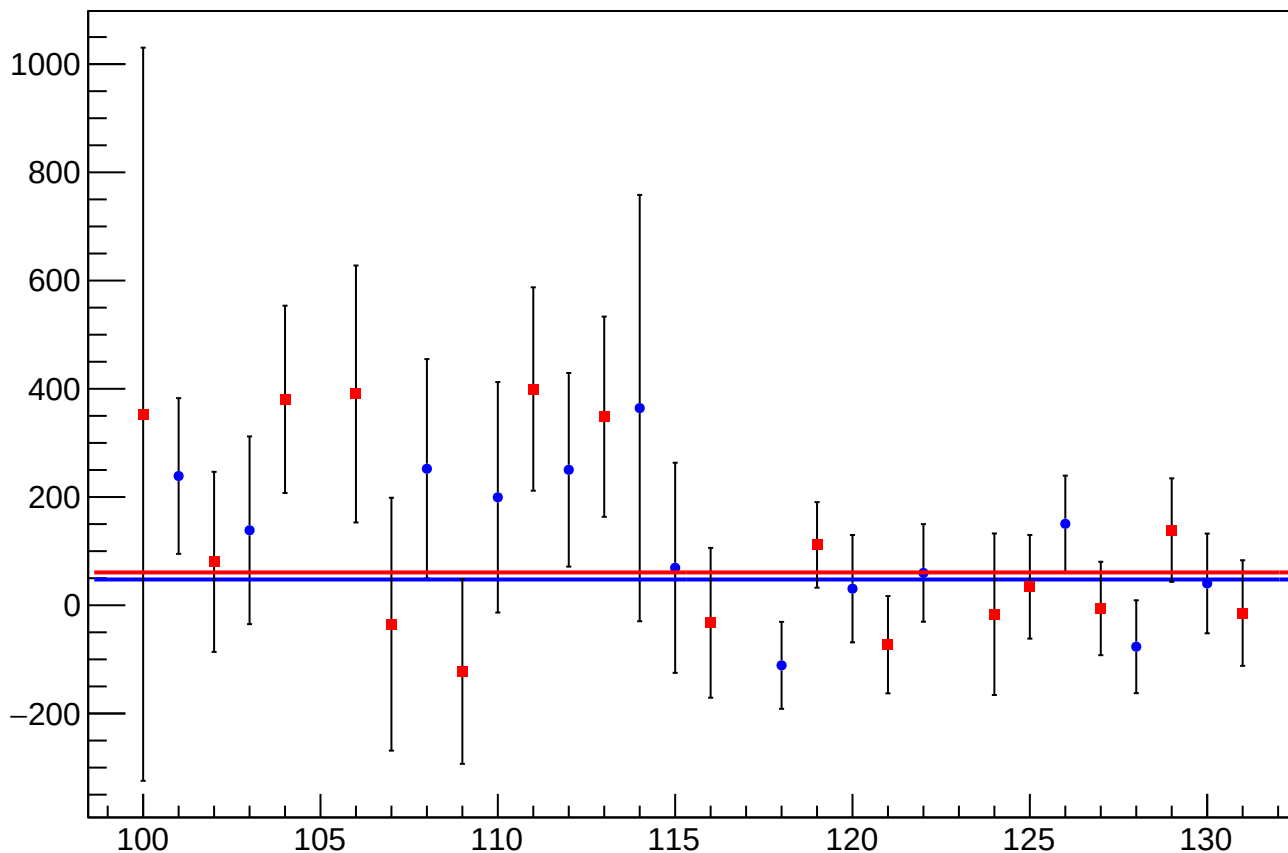
Right: 732.974+/-0.160 χ^2/NDF : 2490924.5/28

In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.974+/-0.160 χ^2/NDF : 2490924.5/28

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 47.625 $\pm$ 32.418 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.637 $\pm$ 31.037 χ^2 /NDF: 17.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

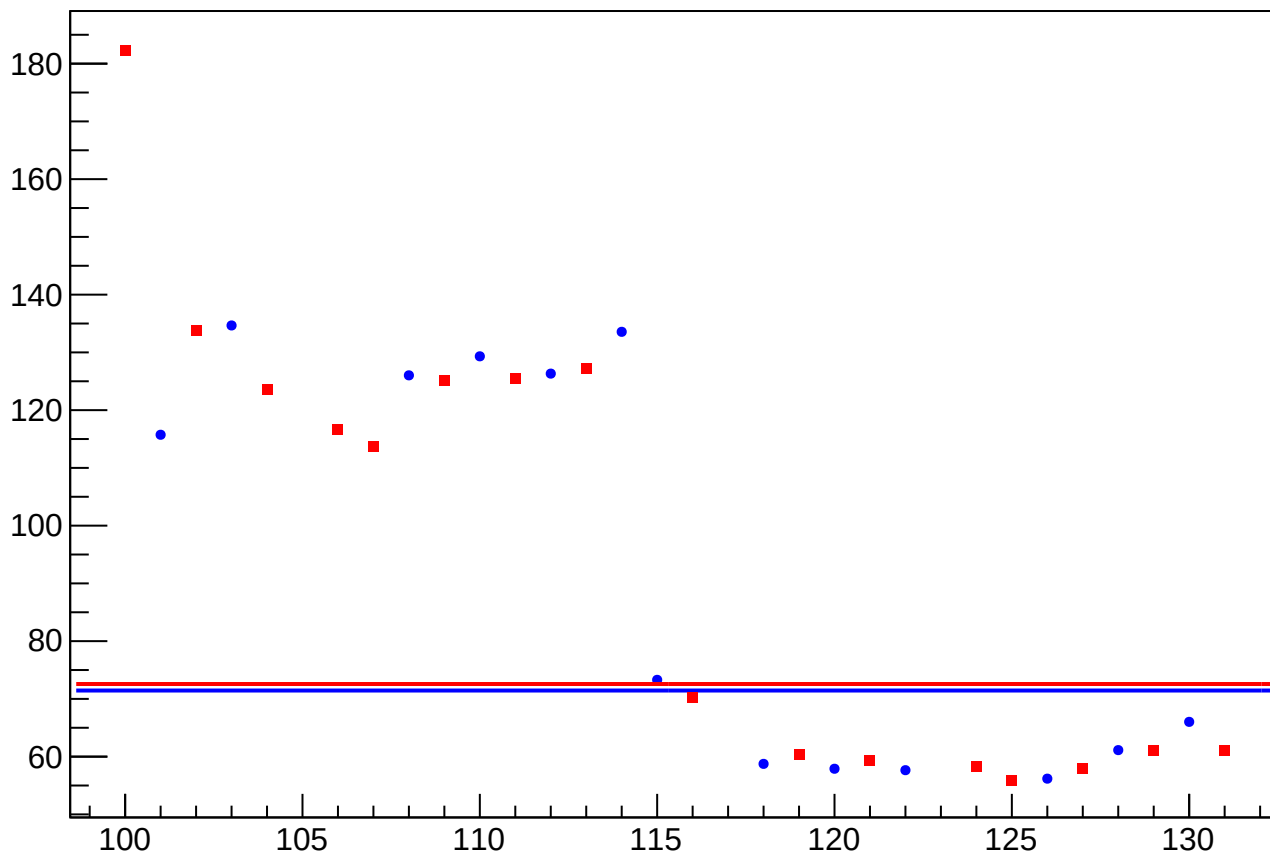
Right: 54.414 $\pm$ 22.419 χ^2 /NDF: 30.8/28

In: 47.625 $\pm$ 32.418 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.414 $\pm$ 22.419 χ^2 /NDF: 30.8/28

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.576+/-0.022 χ^2/NDF : 1433656.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

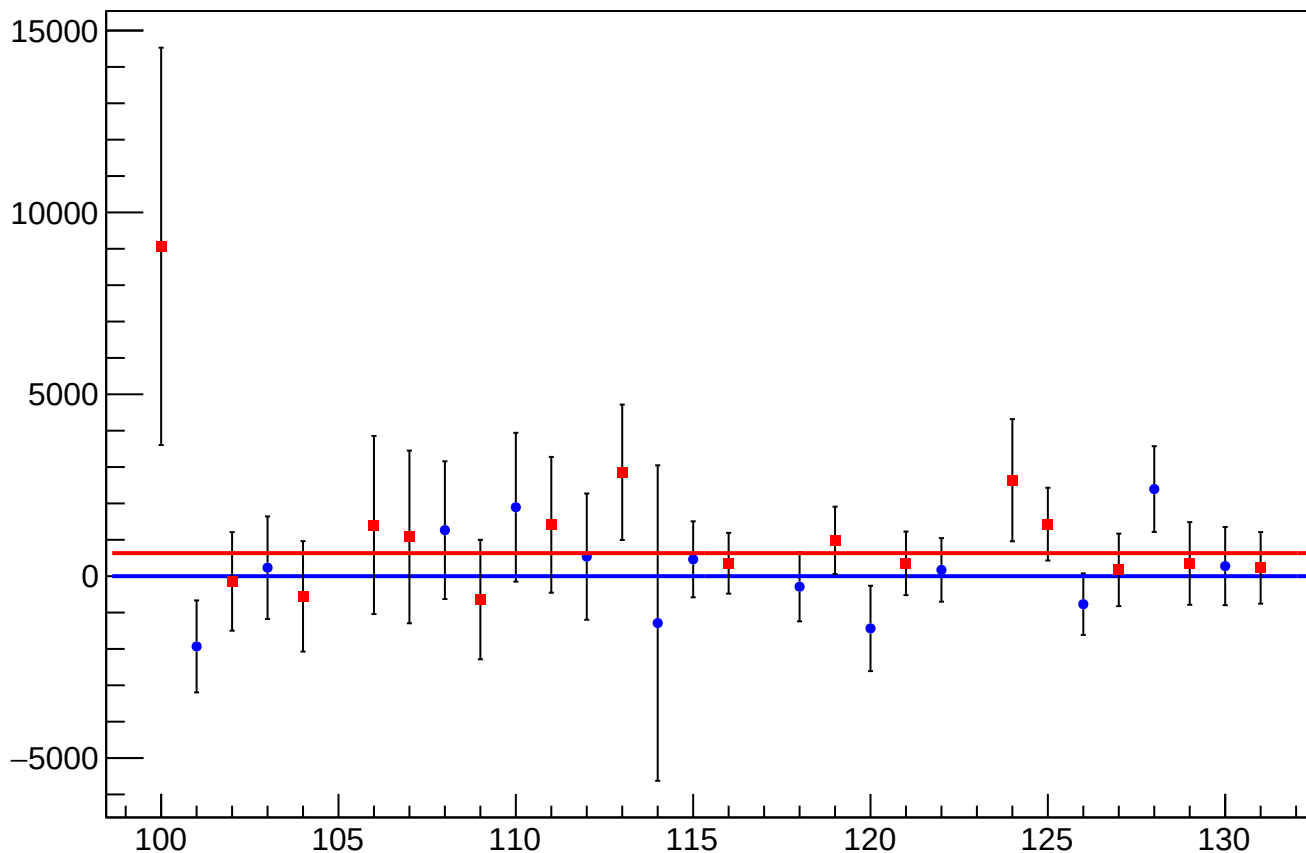
Right: 72.037+/-0.016 χ^2/NDF : 2649482.3/28

In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.037+/-0.016 χ^2/NDF : 2649482.3/28

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.092+/-332.013 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.691+/-310.303 χ^2/NDF : 8.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

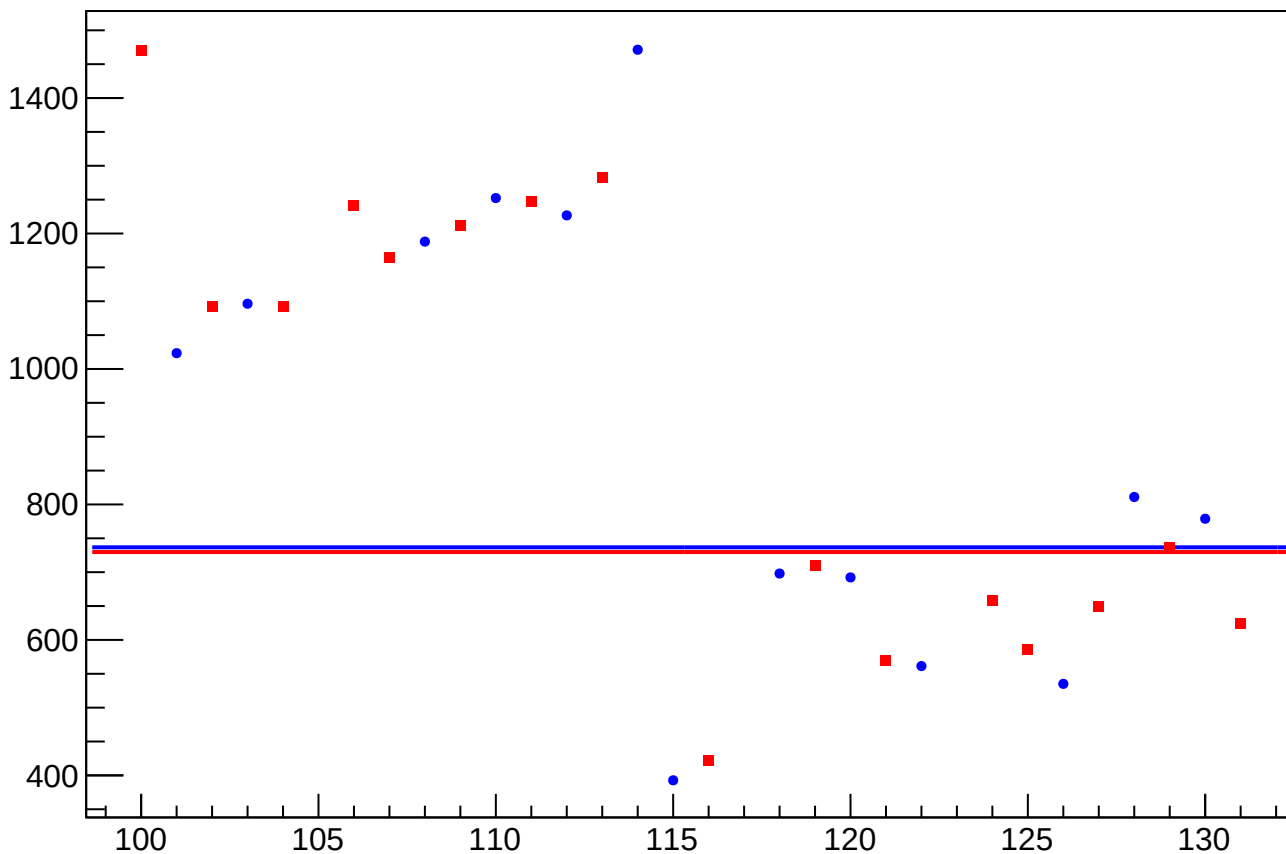
Right: 337.663+/-226.704 χ^2/NDF : 21.2/28

In: -0.092+/-332.013 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.663+/-226.704 χ^2/NDF : 21.2/28

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.734+/-0.219 χ^2/NDF : 1371711.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

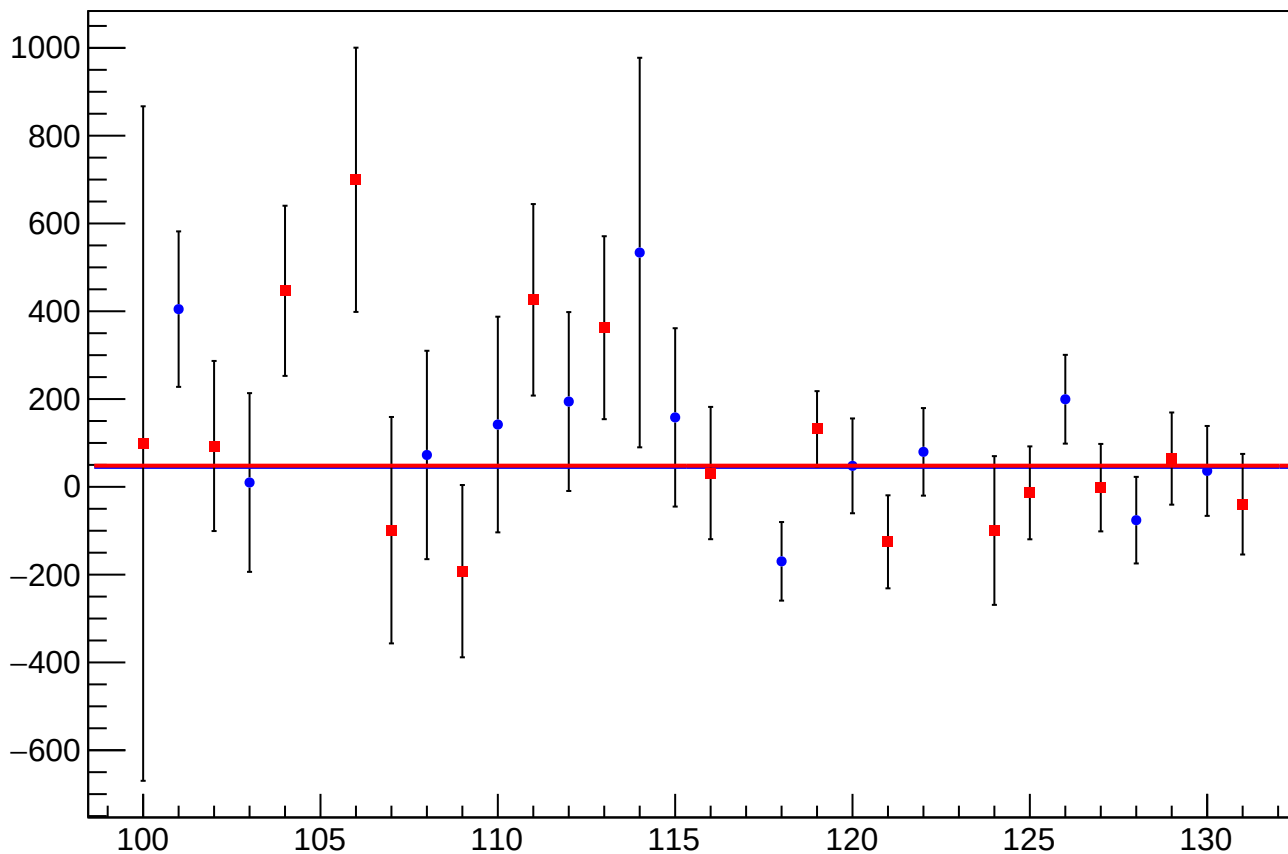
Right: 732.974+/-0.160 χ^2/NDF : 2490924.5/28

In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.974+/-0.160 χ^2/NDF : 2490924.5/28

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 45.450+/-36.498 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.244+/-35.113 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

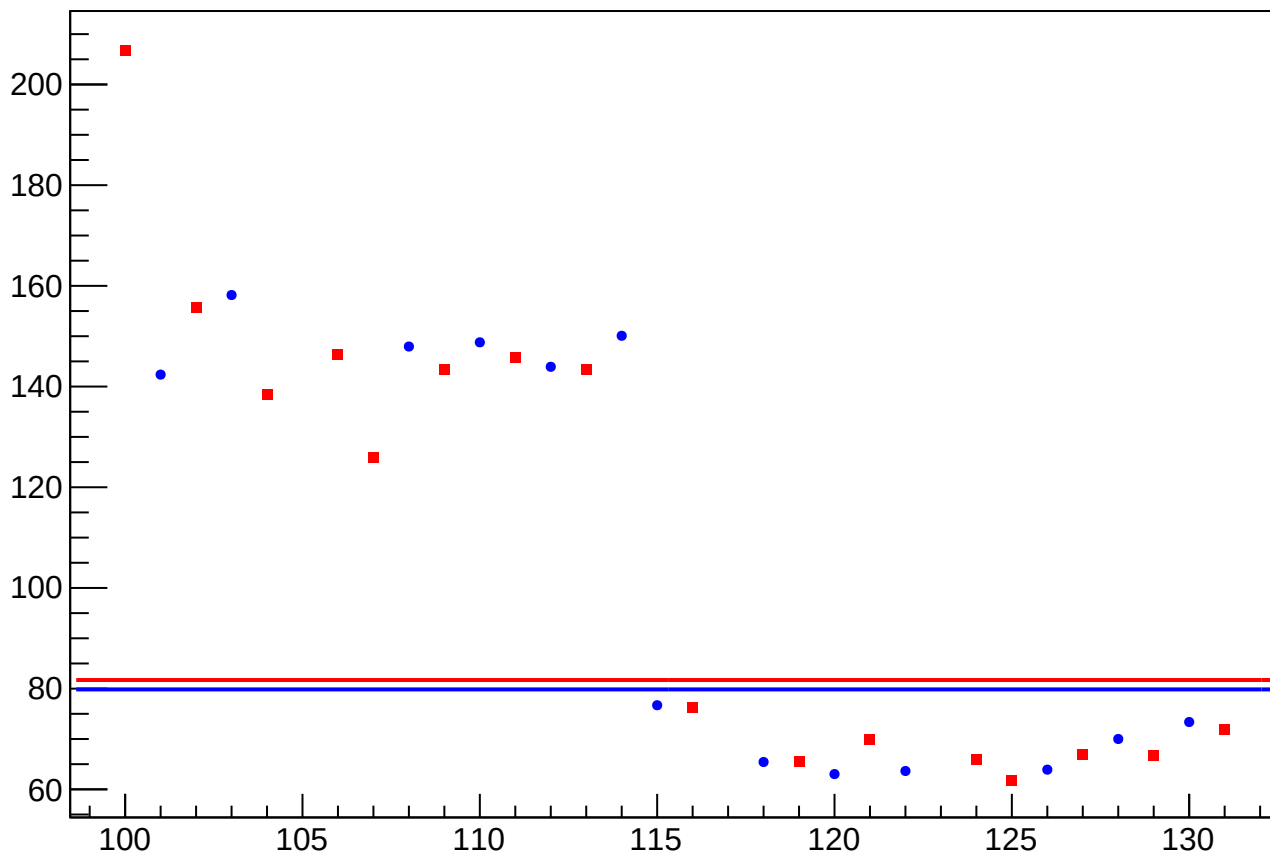
Right: 46.901+/-25.304 χ^2/NDF : 37.8/28

In: 45.450+/-36.498 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.901+/-25.304 χ^2/NDF : 37.8/28

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.847 $\pm$ 0.026 χ^2 /NDF: 1346574.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.716 $\pm$ 0.025 χ^2 /NDF: 1497334.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

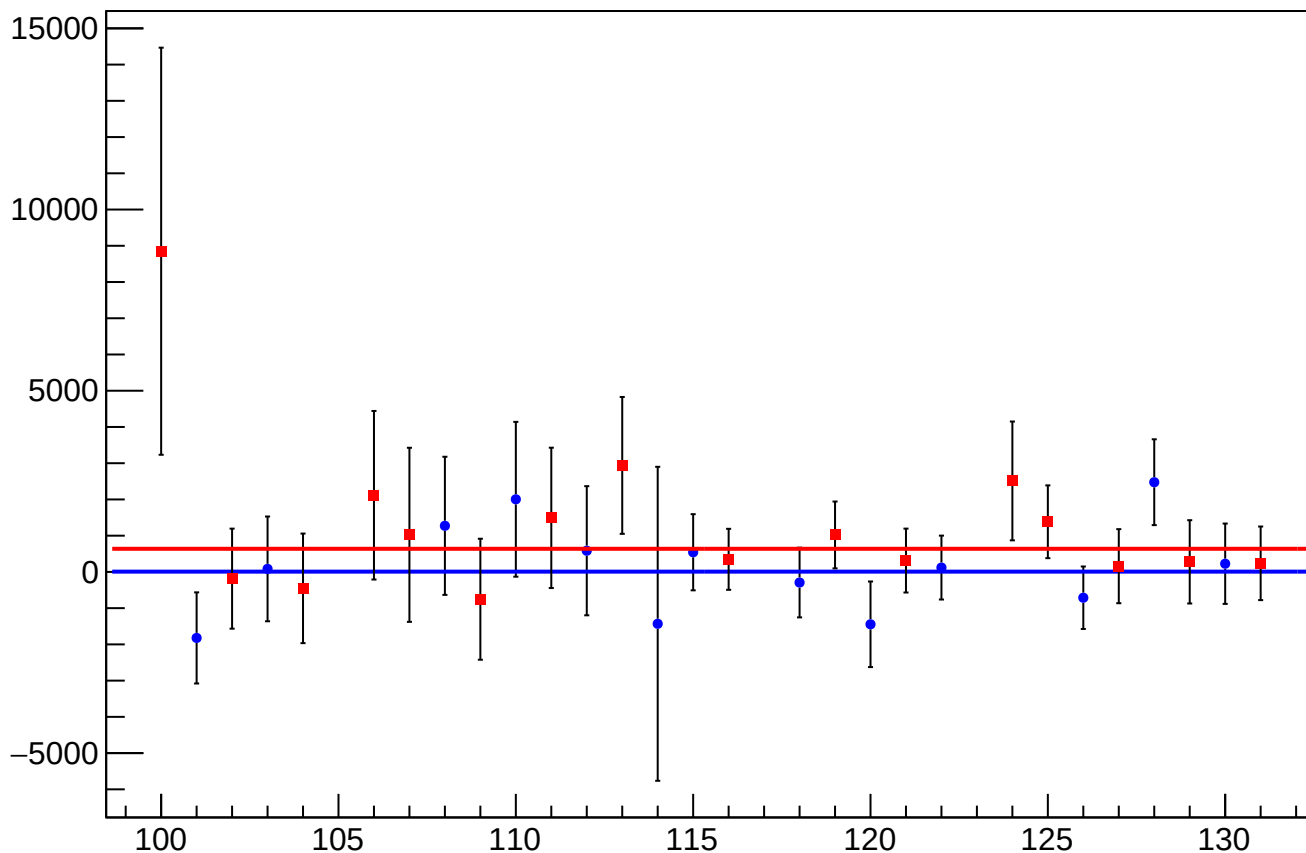
Right: 80.817 $\pm$ 0.018 χ^2 /NDF: 2846631.6/28

In: 79.847 $\pm$ 0.026 χ^2 /NDF:1346574.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.817 $\pm$ 0.018 χ^2 /NDF: 2846631.6/28

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.786 ± 336.406 χ^2/NDF : 10.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 638.077 ± 313.409 χ^2/NDF : 8.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

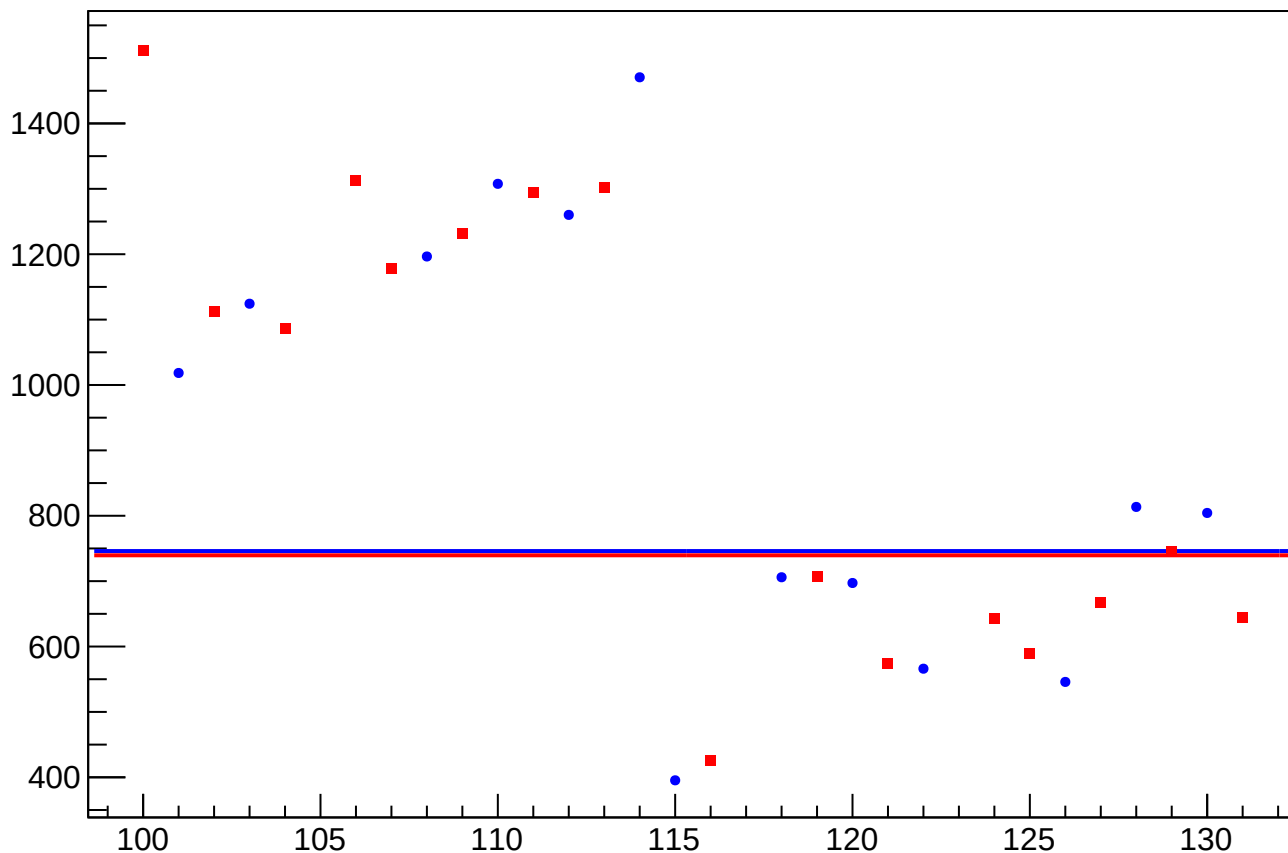
Right: 345.210 ± 229.313 χ^2/NDF : 21.1/28

In: 7.786 ± 336.406 χ^2/NDF : 10.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 345.210 ± 229.313 χ^2/NDF : 21.1/28

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 746.021+/-0.238 χ^2/NDF : 1135955.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.539+/-0.222 χ^2/NDF : 1424419.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

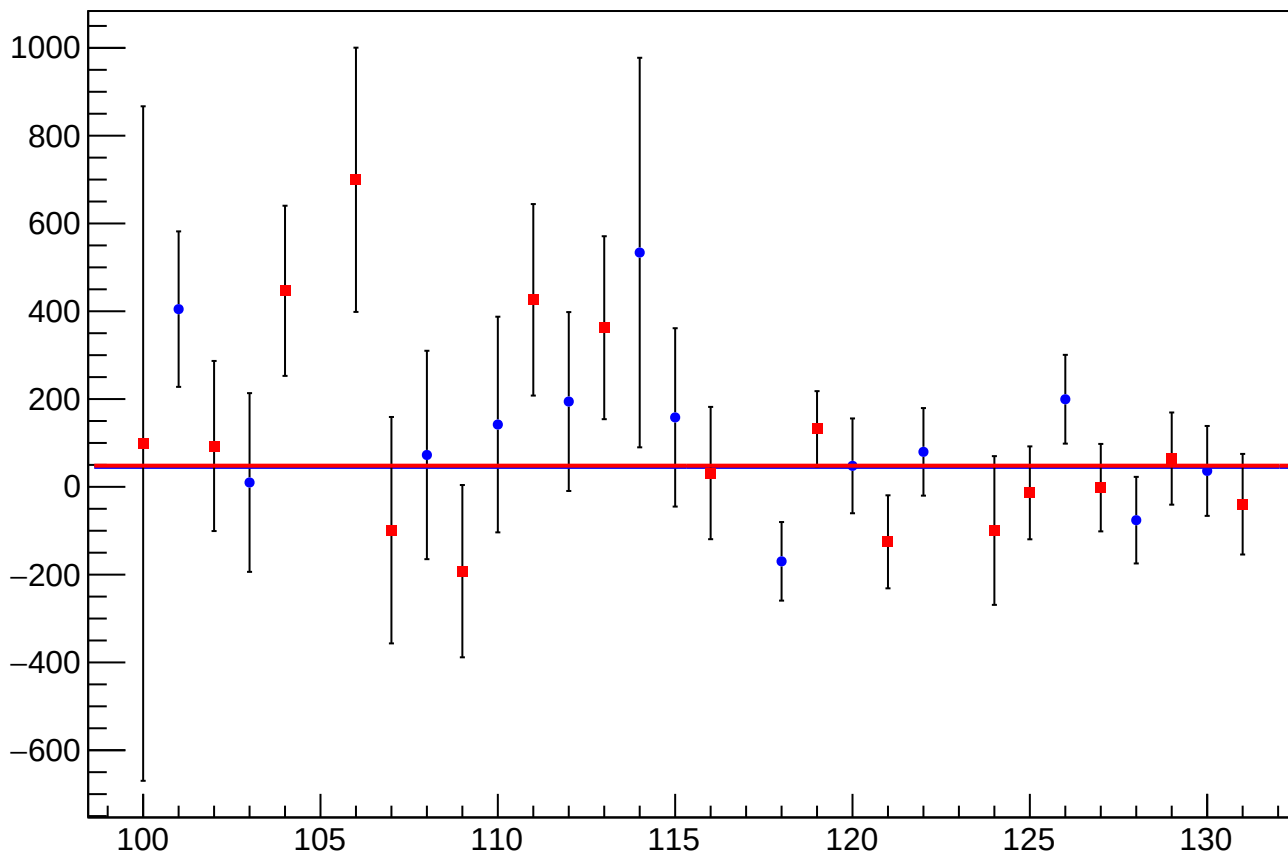
Right: 742.551+/-0.162 χ^2/NDF : 2560772.7/28

In: 746.021+/-0.238 χ^2/NDF : 1135955.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.551+/-0.162 χ^2/NDF : 2560772.7/28

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 45.449+/-36.498 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.244+/-35.113 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

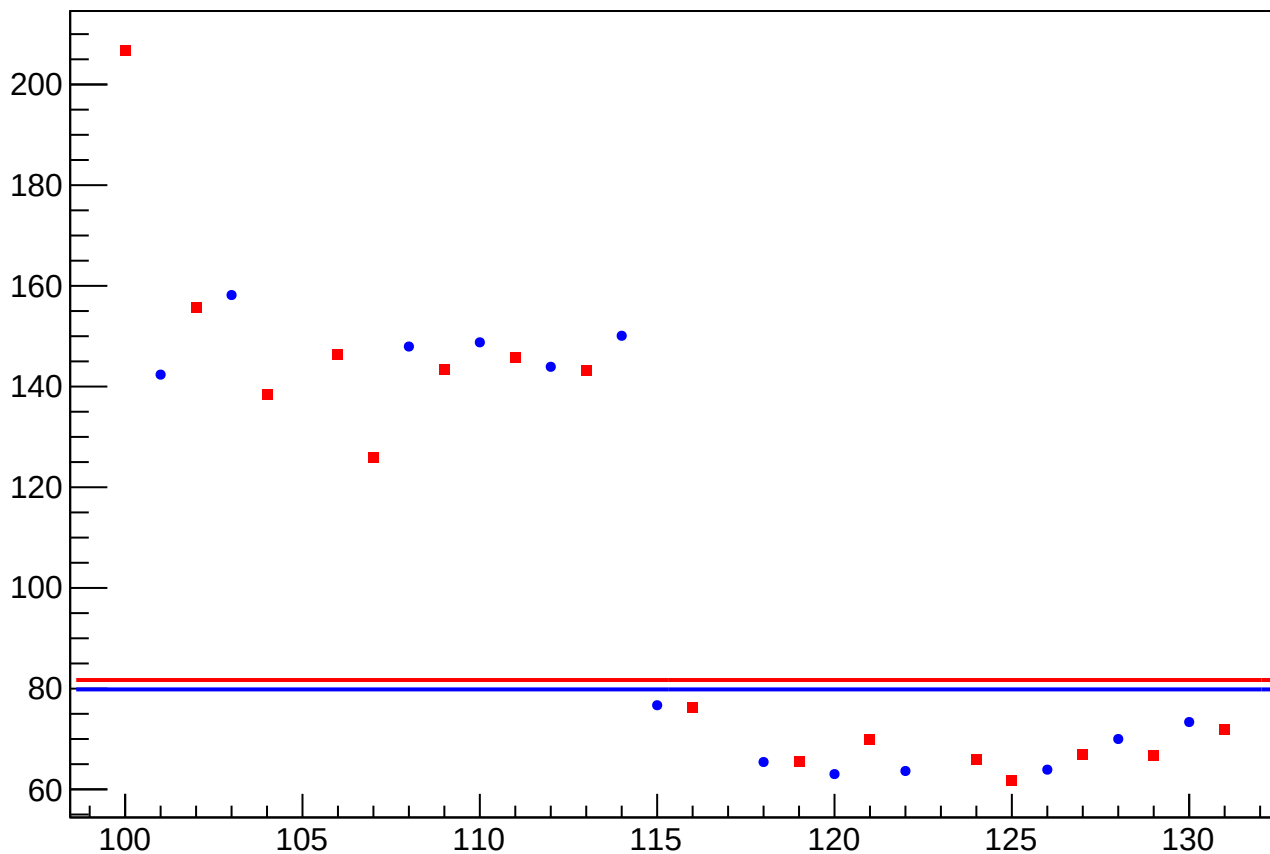
Right: 46.901+/-25.304 χ^2/NDF : 37.8/28

In: 45.449+/-36.498 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.901+/-25.304 χ^2/NDF : 37.8/28

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.846+/-0.026 χ^2/NDF : 1346570.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 81.715+/-0.025 χ^2/NDF : 1497334.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

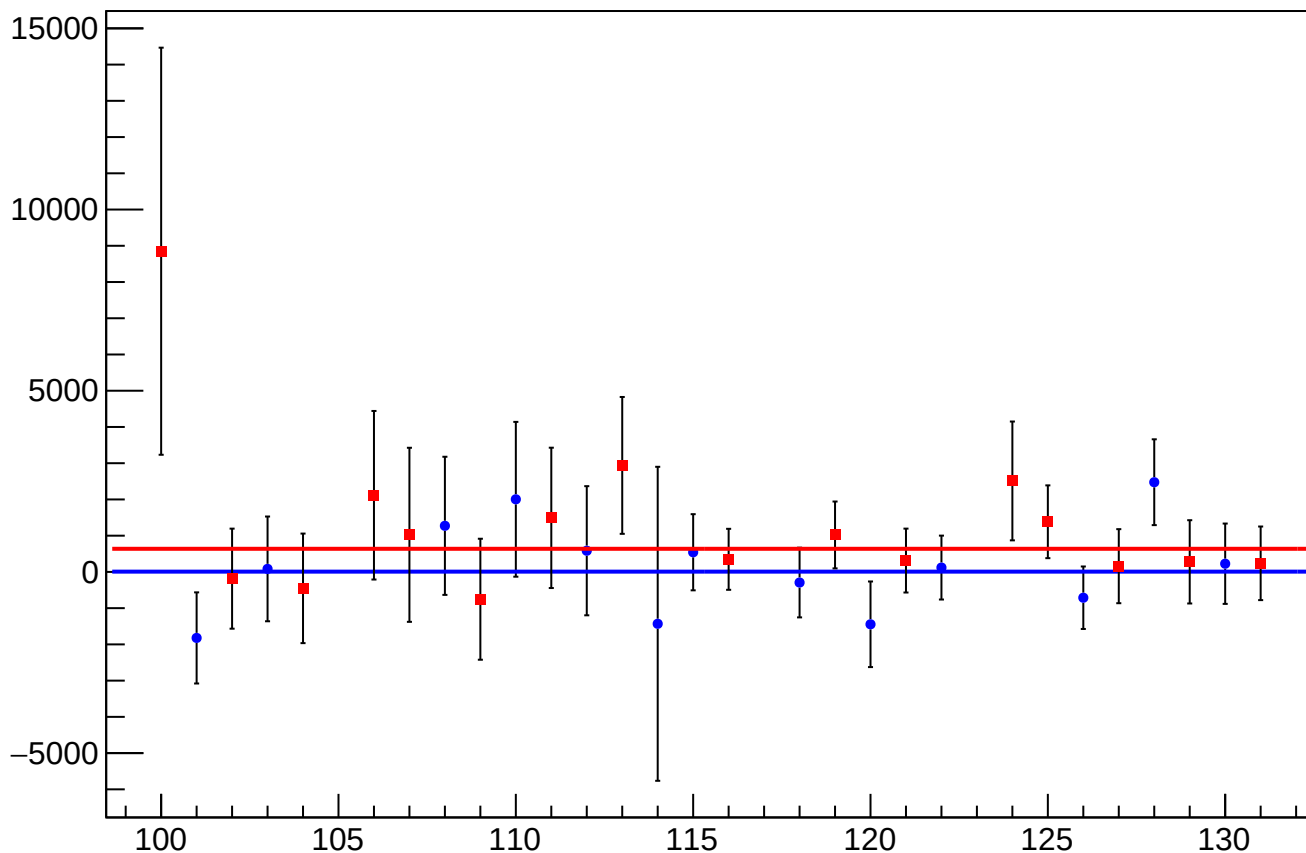
Right: 80.817+/-0.018 χ^2/NDF : 2846628.1/28

In: 79.846+/-0.026 χ^2/NDF :1346570.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 80.817+/-0.018 χ^2/NDF : 2846628.1/28

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.788+/-336.405 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.076+/-313.408 χ^2/NDF : 8.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

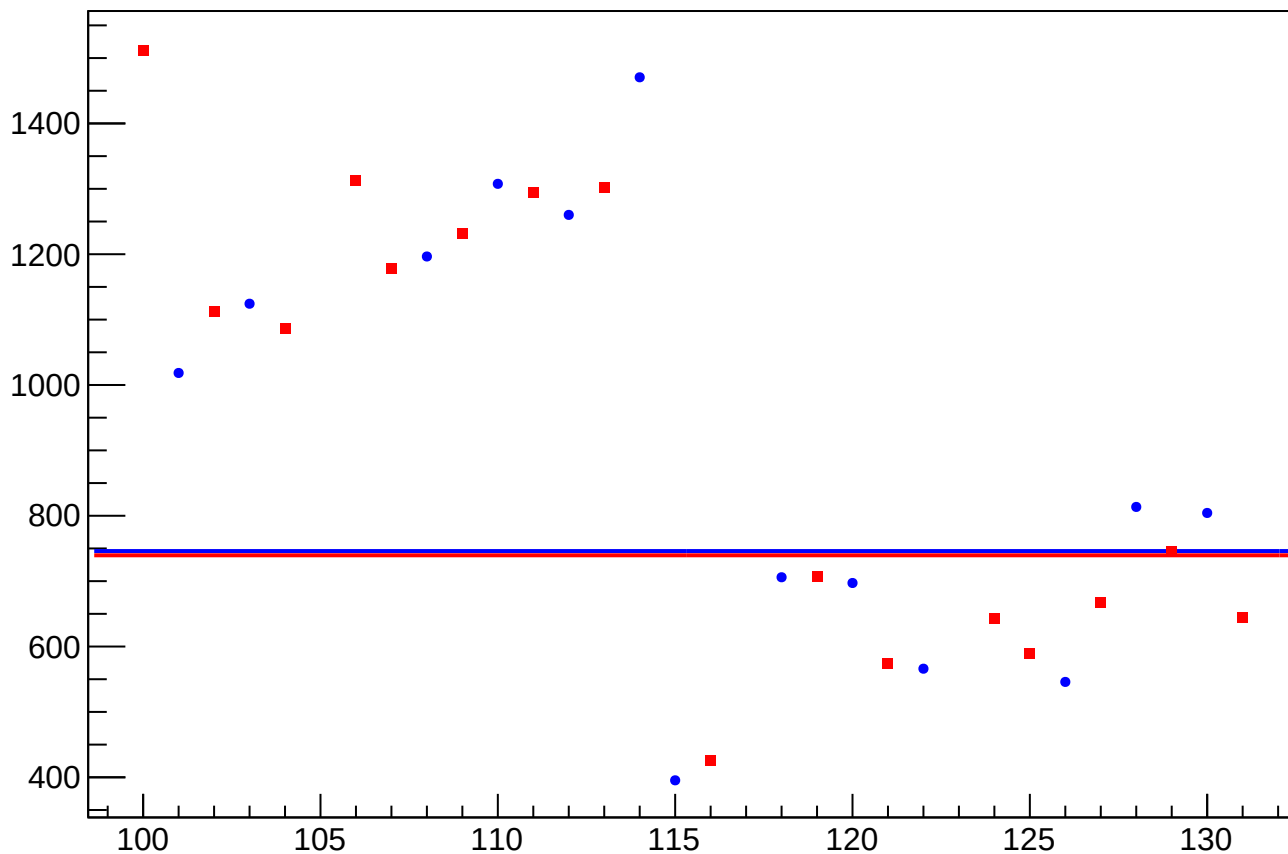
Right: 345.210+/-229.313 χ^2/NDF : 21.1/28

In: 7.788+/-336.405 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.210+/-229.313 χ^2/NDF : 21.1/28

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 746.020+/-0.238 χ^2/NDF : 1135940.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.538+/-0.222 χ^2/NDF : 1424407.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

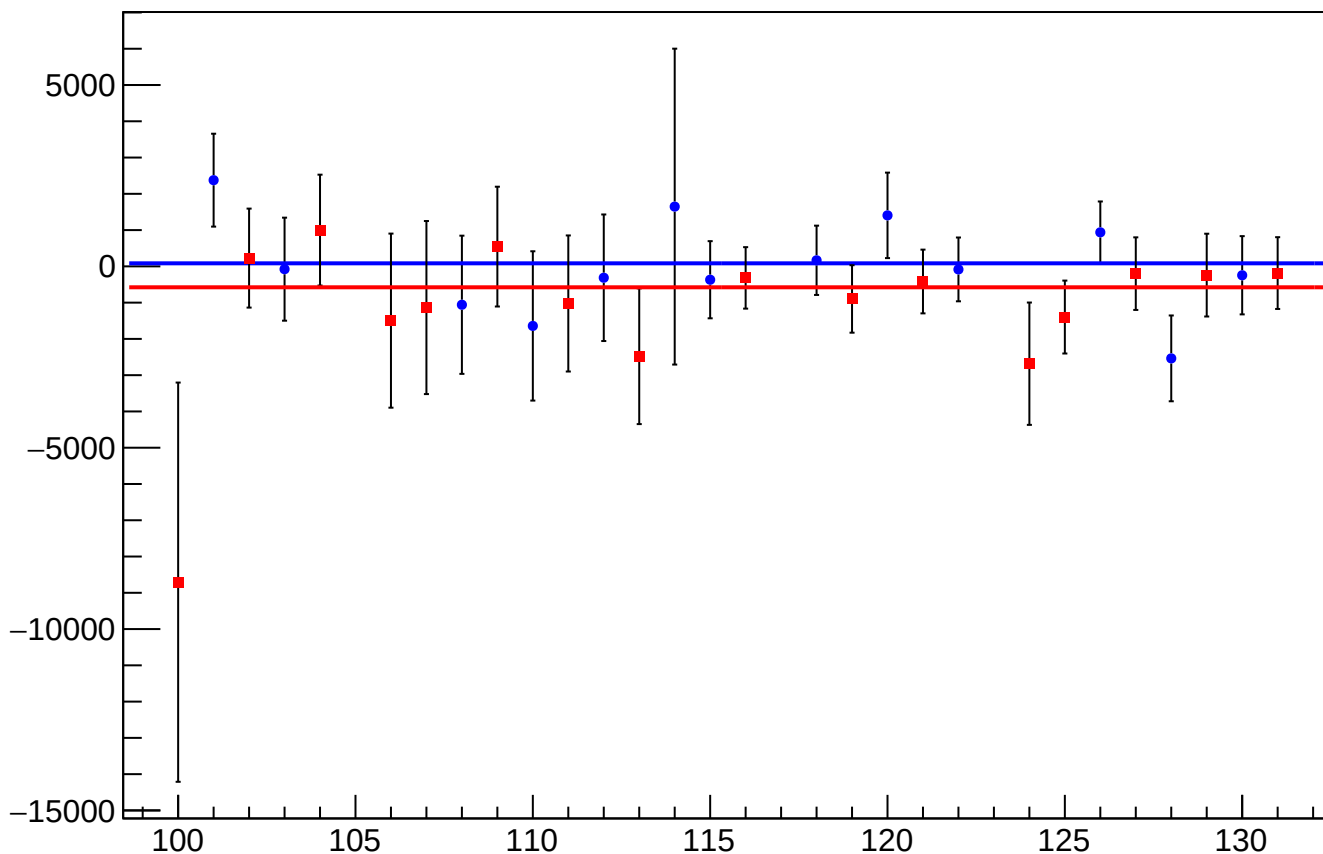
Right: 742.550+/-0.162 χ^2/NDF : 2560746.0/28

In: 746.020+/-0.238 χ^2/NDF : 1135940.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.550+/-0.162 χ^2/NDF : 2560746.0/28

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 83.851+/-334.299 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -577.054+/-312.234 χ^2/NDF : 8.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

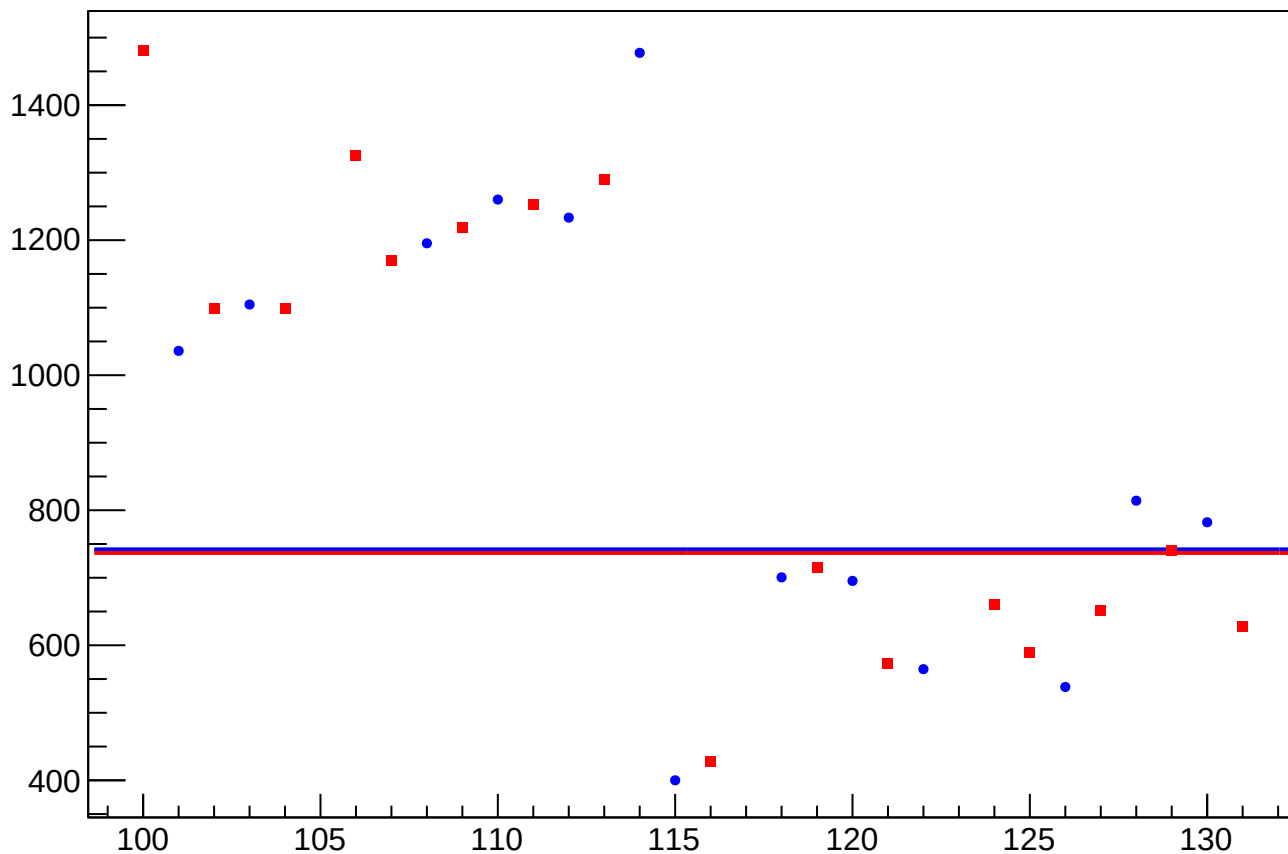
Right: -269.131+/-228.185 χ^2/NDF : 22.3/28

In: 83.851+/-334.299 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.131+/-228.185 χ^2/NDF : 22.3/28

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 742.027+/-0.236 χ^2/NDF : 1111611.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 736.764+/-0.221 χ^2/NDF : 1395043.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

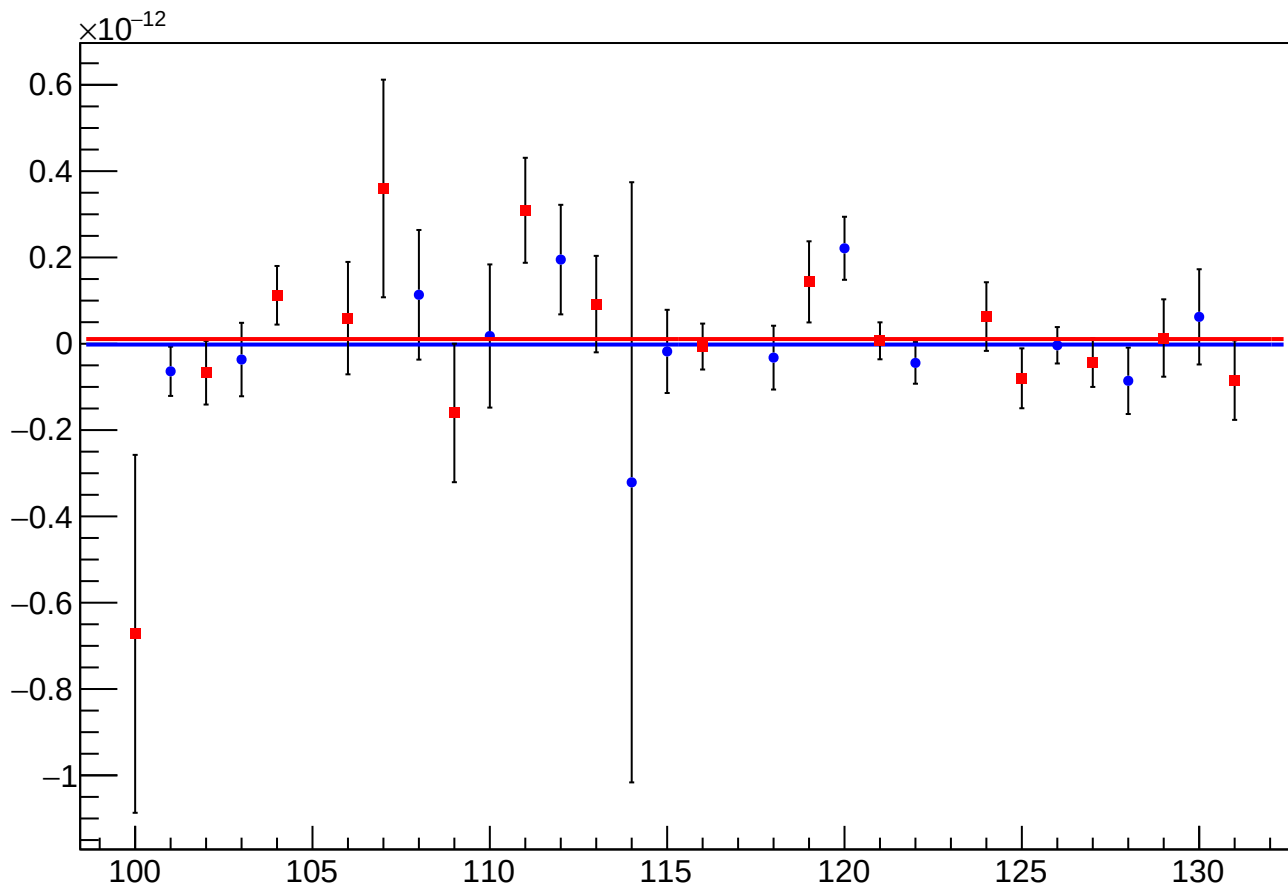
Right: 739.216+/-0.161 χ^2/NDF : 2506920.1/28

In: 742.027+/-0.236 χ^2/NDF :1111611.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 739.216+/-0.161 χ^2/NDF : 2506920.1/28

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

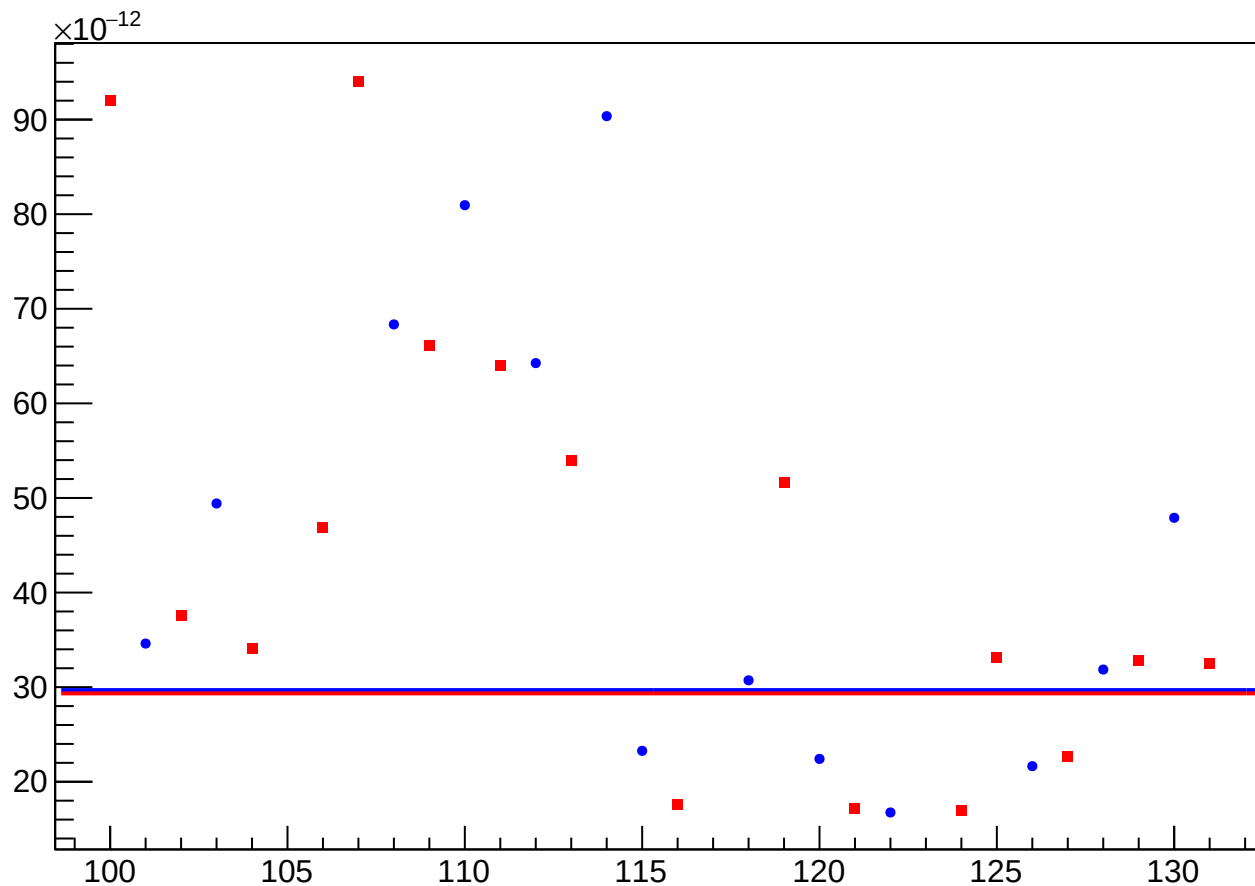
Right: 0.000+/-0.000 χ^2/NDF : 38.6/28

In: -0.000+/-0.000 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.6/28

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 911137.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071353.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

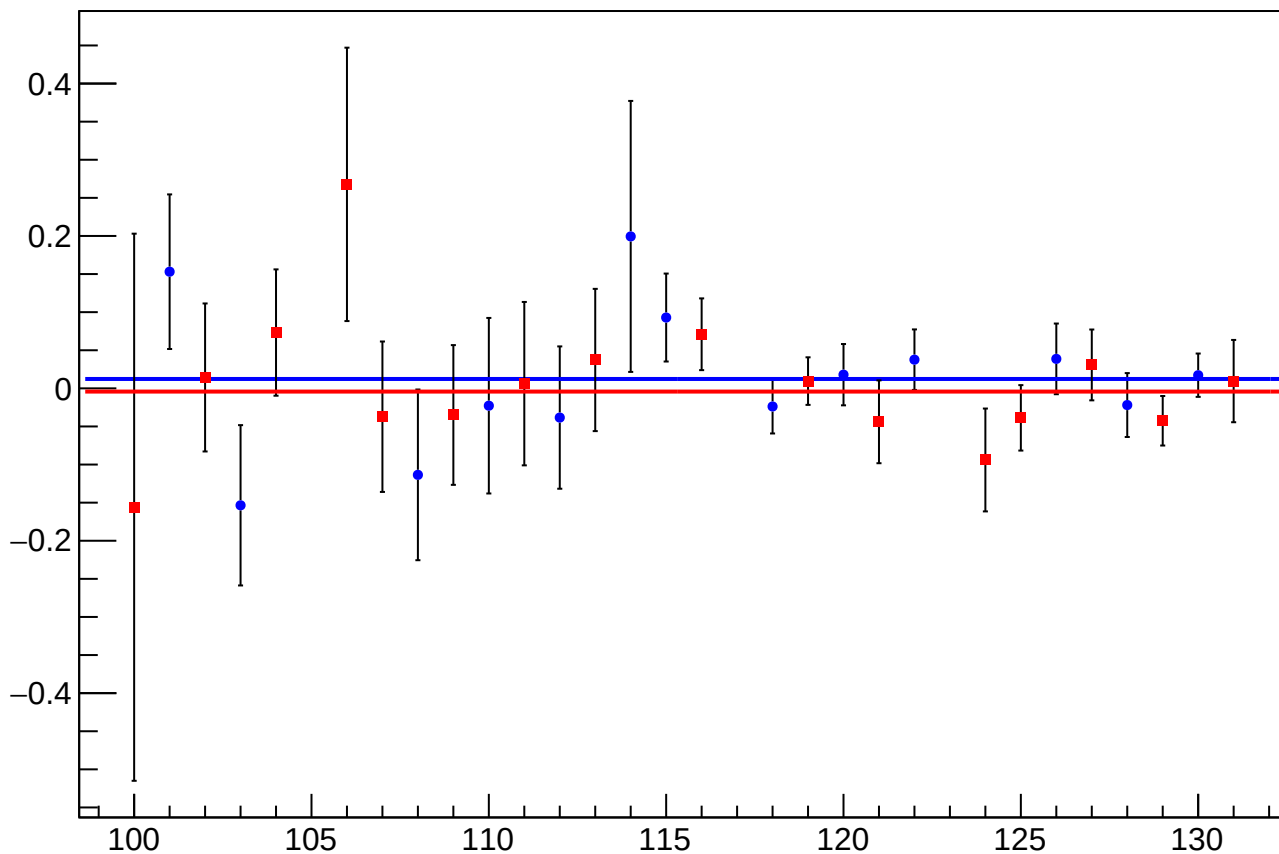
Right: 0.000+/-0.000 χ^2/NDF : 1982787.8/28

In: 0.000+/-0.000 χ^2/NDF : 911137.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1982787.8/28

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.014 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.014 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

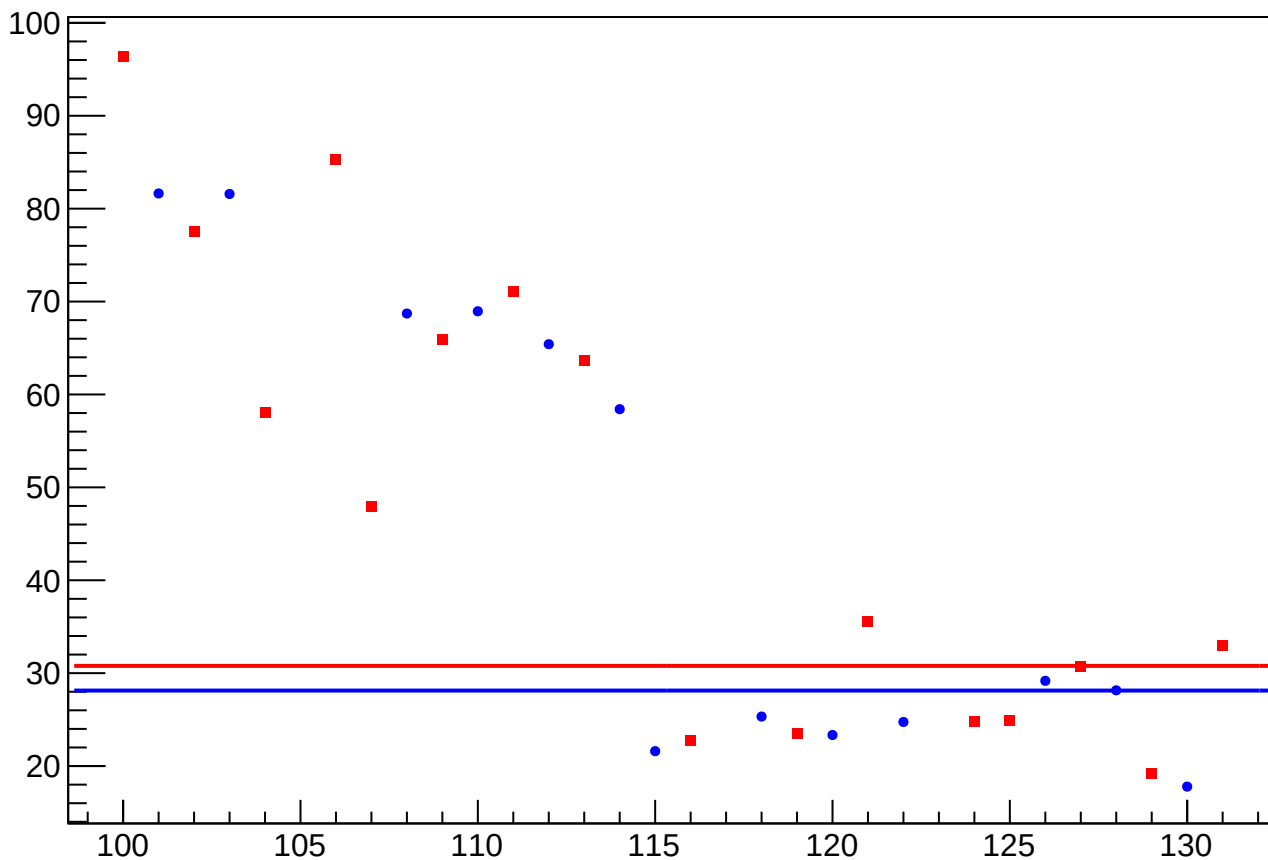
Right: 0.004+/-0.010 χ^2/NDF : 23.8/28

In: 0.012+/-0.014 χ^2/NDF :11.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.010 χ^2/NDF : 23.8/28

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.784+/-0.010 χ^2/NDF : 2311047.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

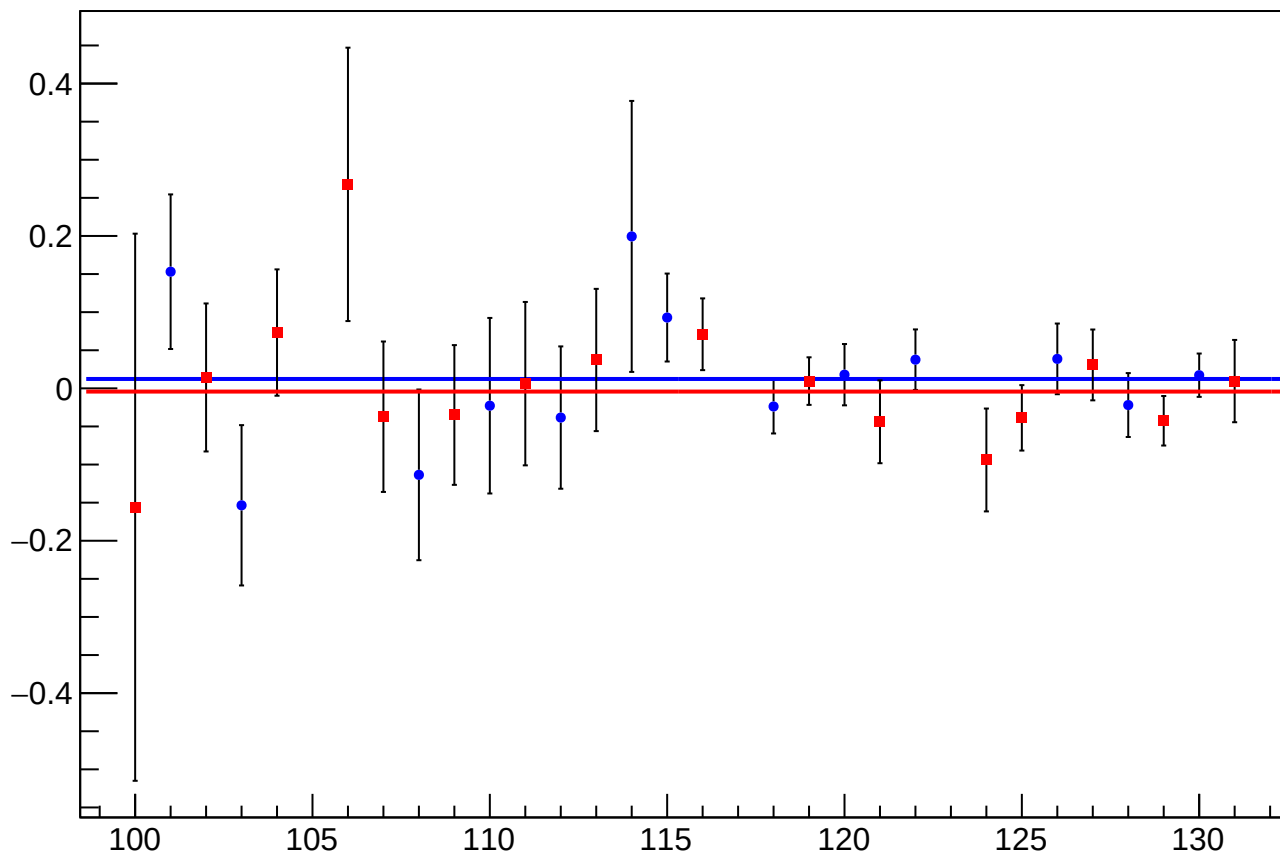
Right: 29.447+/-0.007 χ^2/NDF : 4656520.7/28

In: 28.127+/-0.010 χ^2/NDF :2309640.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.447+/-0.007 χ^2/NDF : 4656520.7/28

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

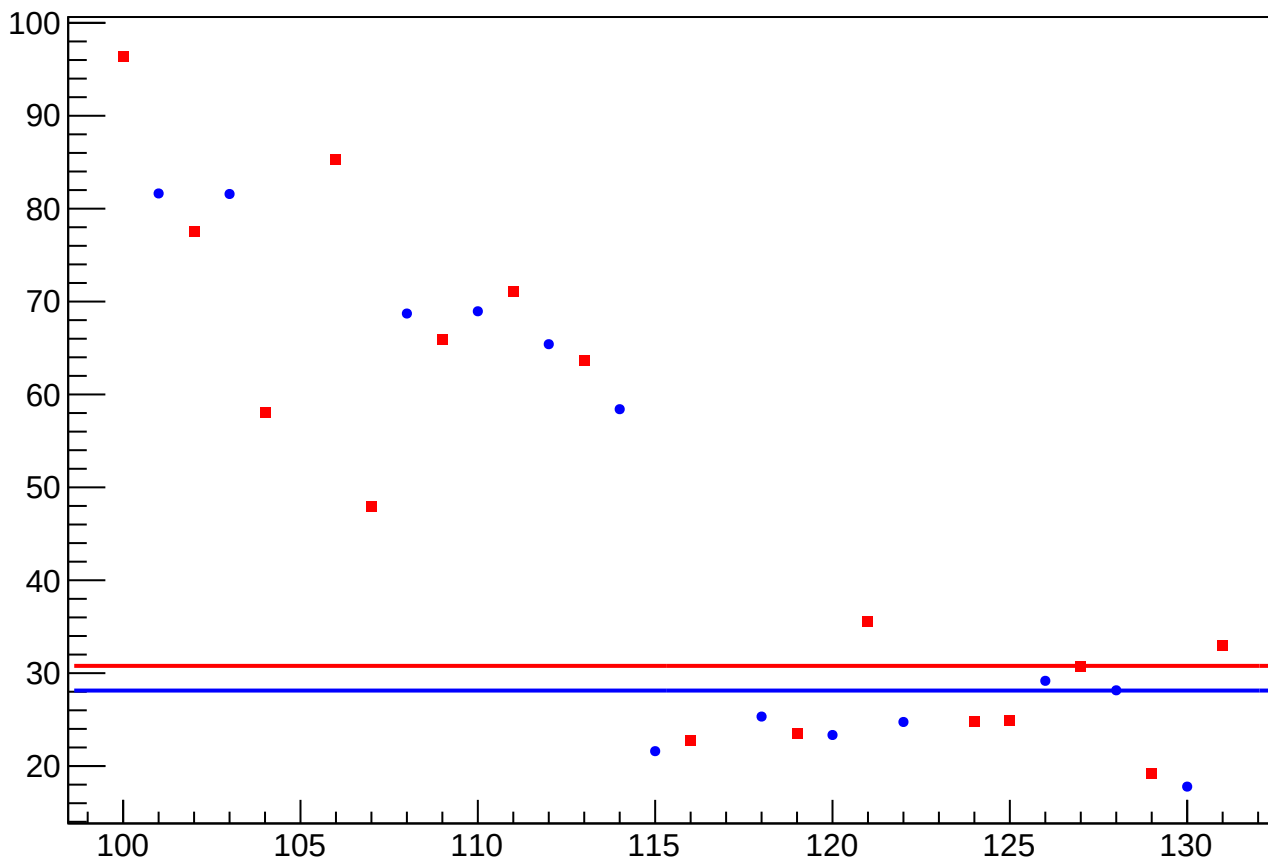
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/28

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/28

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.784+/-0.010 χ^2/NDF : 2311047.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

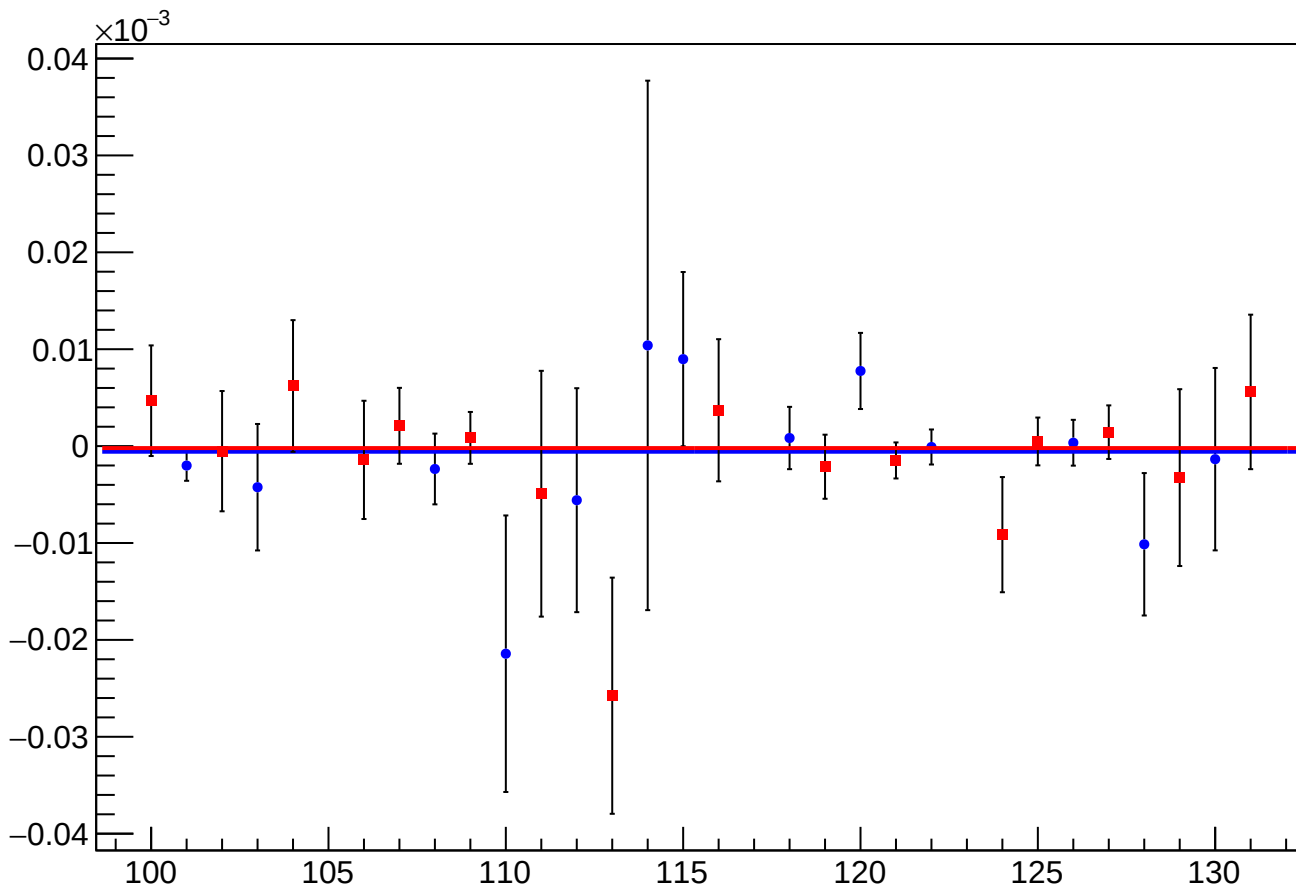
Right: 29.447+/-0.007 χ^2/NDF : 4656520.7/28

In: 28.127+/-0.010 χ^2/NDF :2309640.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.447+/-0.007 χ^2/NDF : 4656520.7/28

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

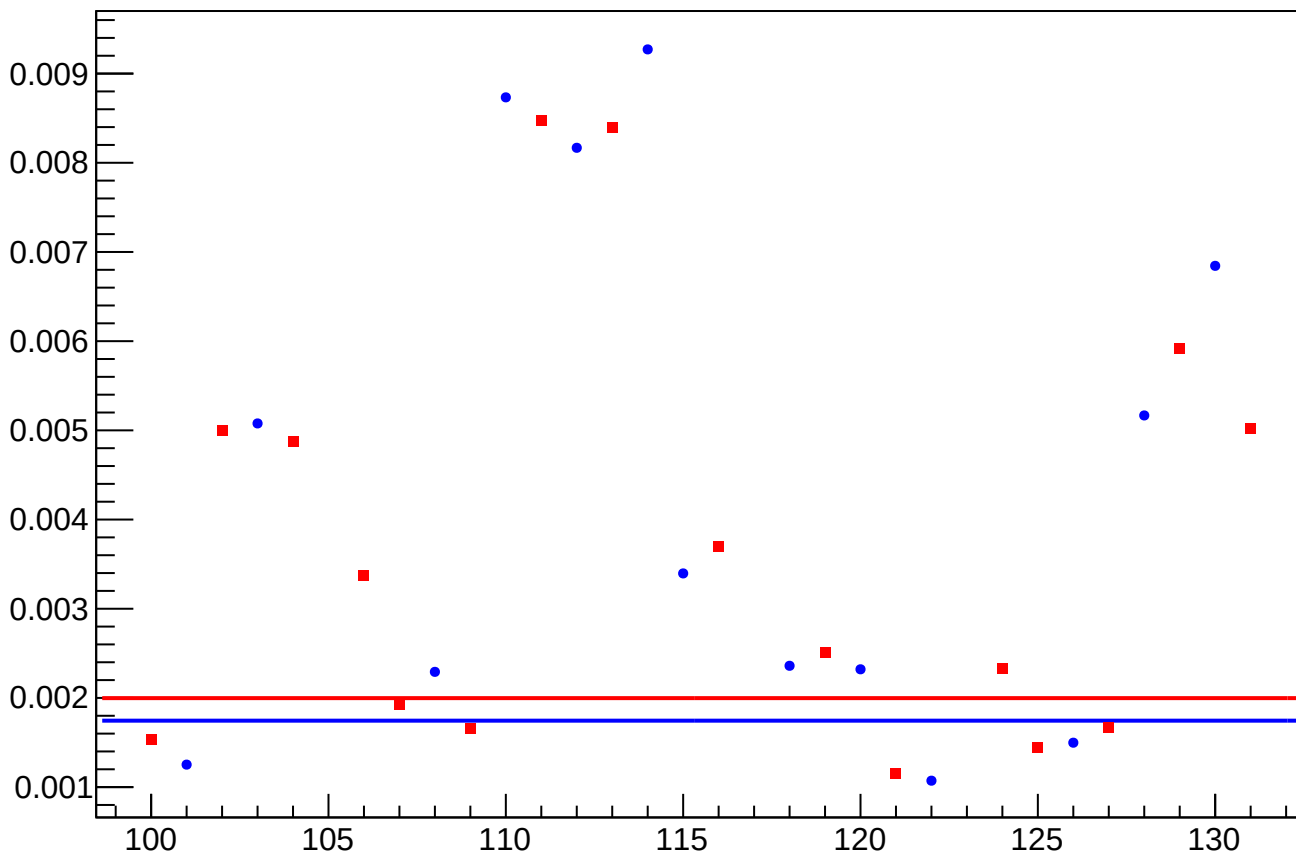
Right: -0.000+/-0.000 χ^2/NDF : 22.8/28

In: -0.000+/-0.000 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.8/28

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3515281.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 3402229.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 6990002.6/28

In: 0.002+/-0.000

χ^2/NDF : 3515281.1/12

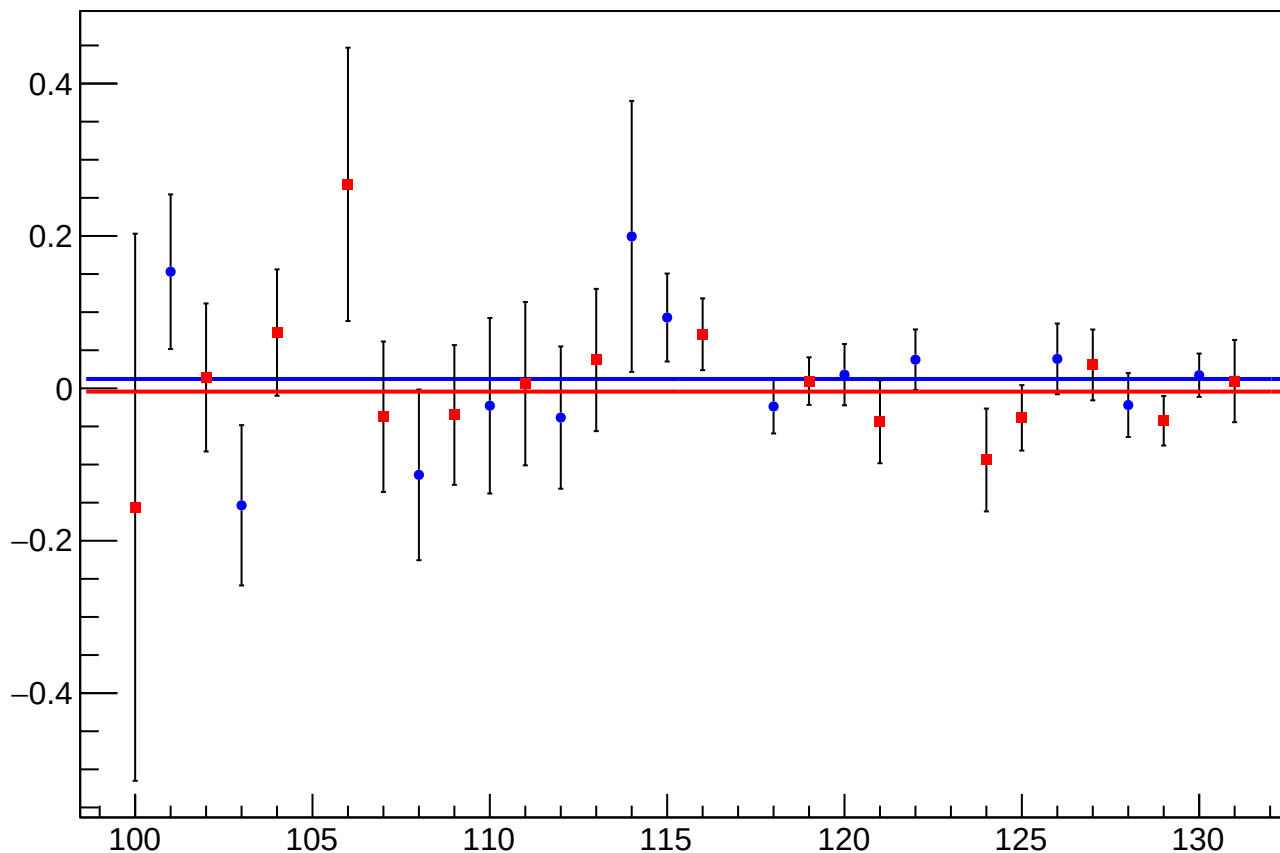
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6990002.6/28

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.014 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.014 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

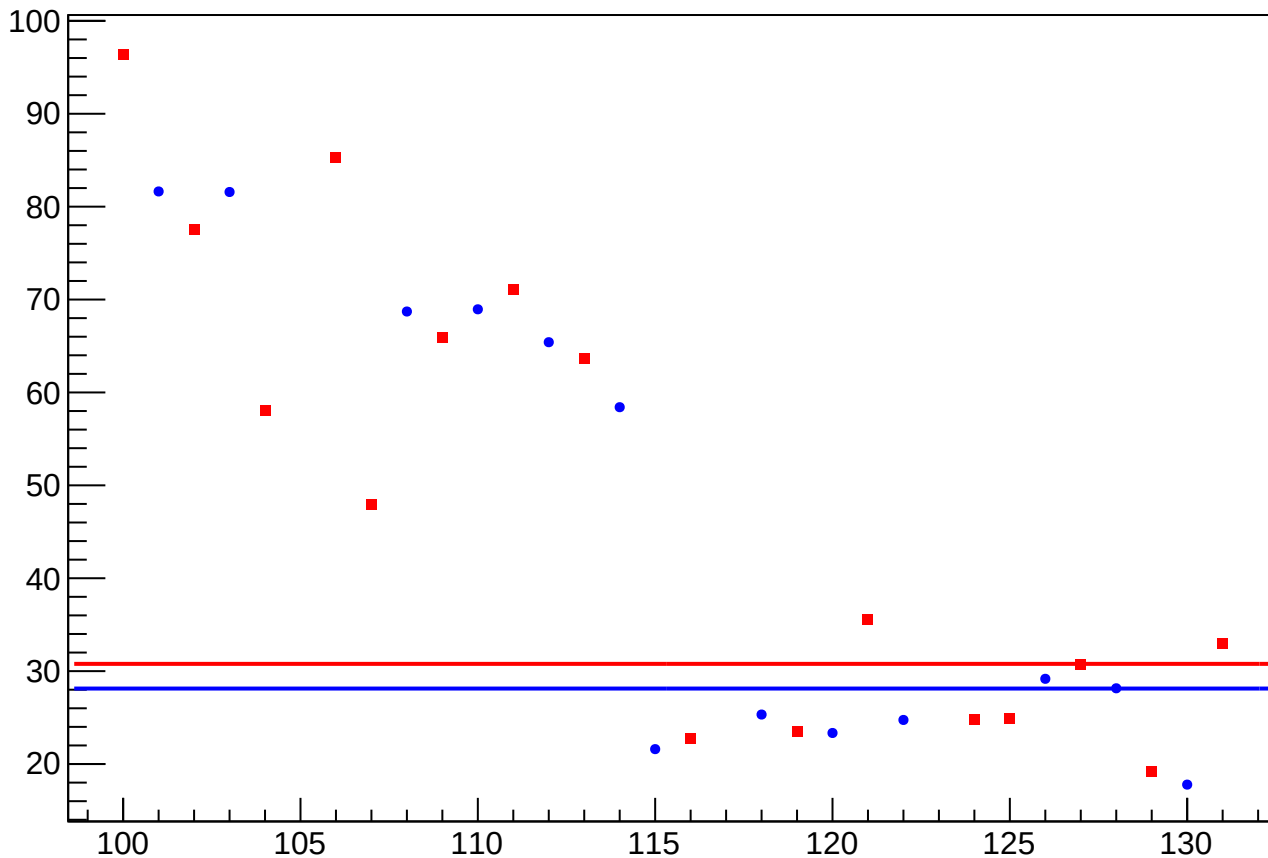
Right: 0.004+/-0.010 χ^2/NDF : 23.8/28

In: 0.012+/-0.014 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.010 χ^2/NDF : 23.8/28

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.782+/-0.010 χ^2/NDF : 2311187.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

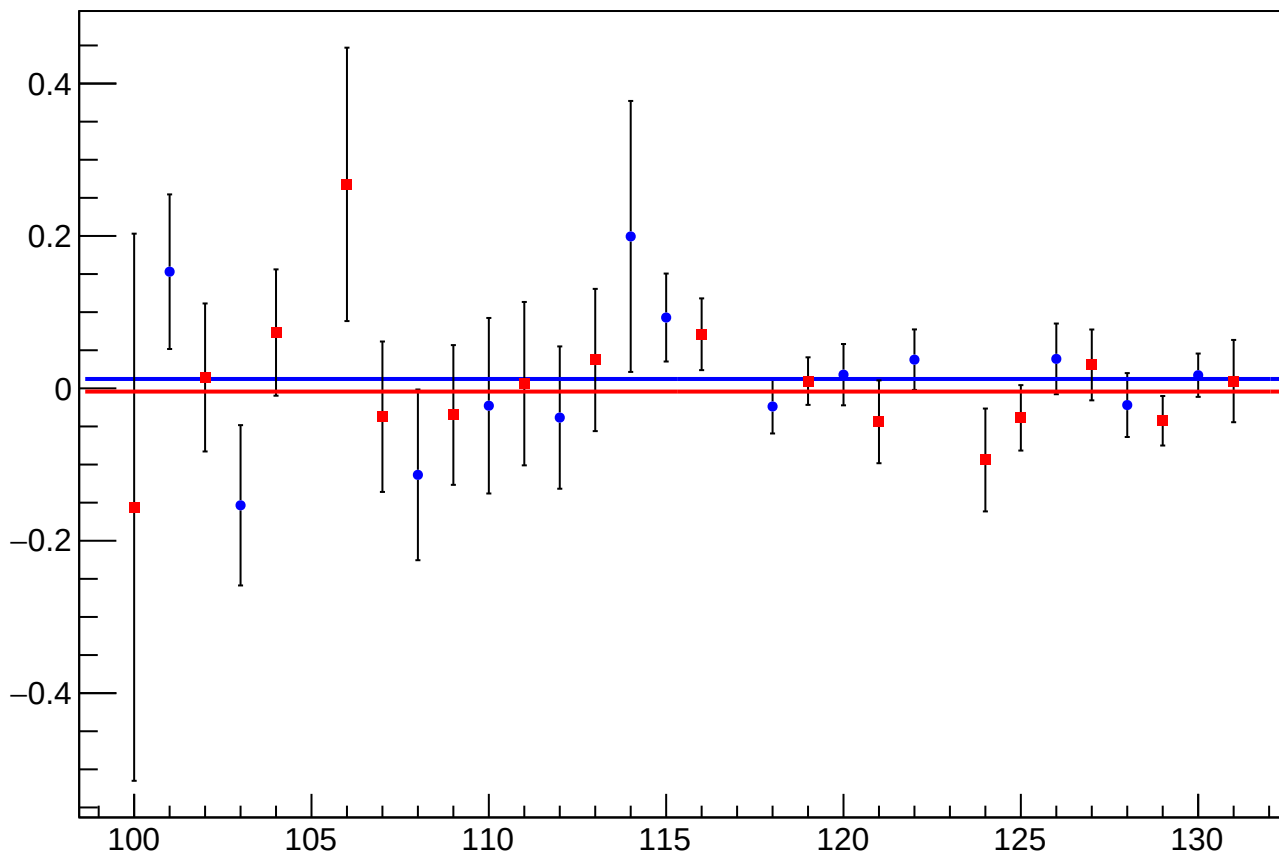
Right: 29.445+/-0.007 χ^2/NDF : 4656830.9/28

In: 28.125+/-0.010 χ^2/NDF :2309807.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.445+/-0.007 χ^2/NDF : 4656830.9/28

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

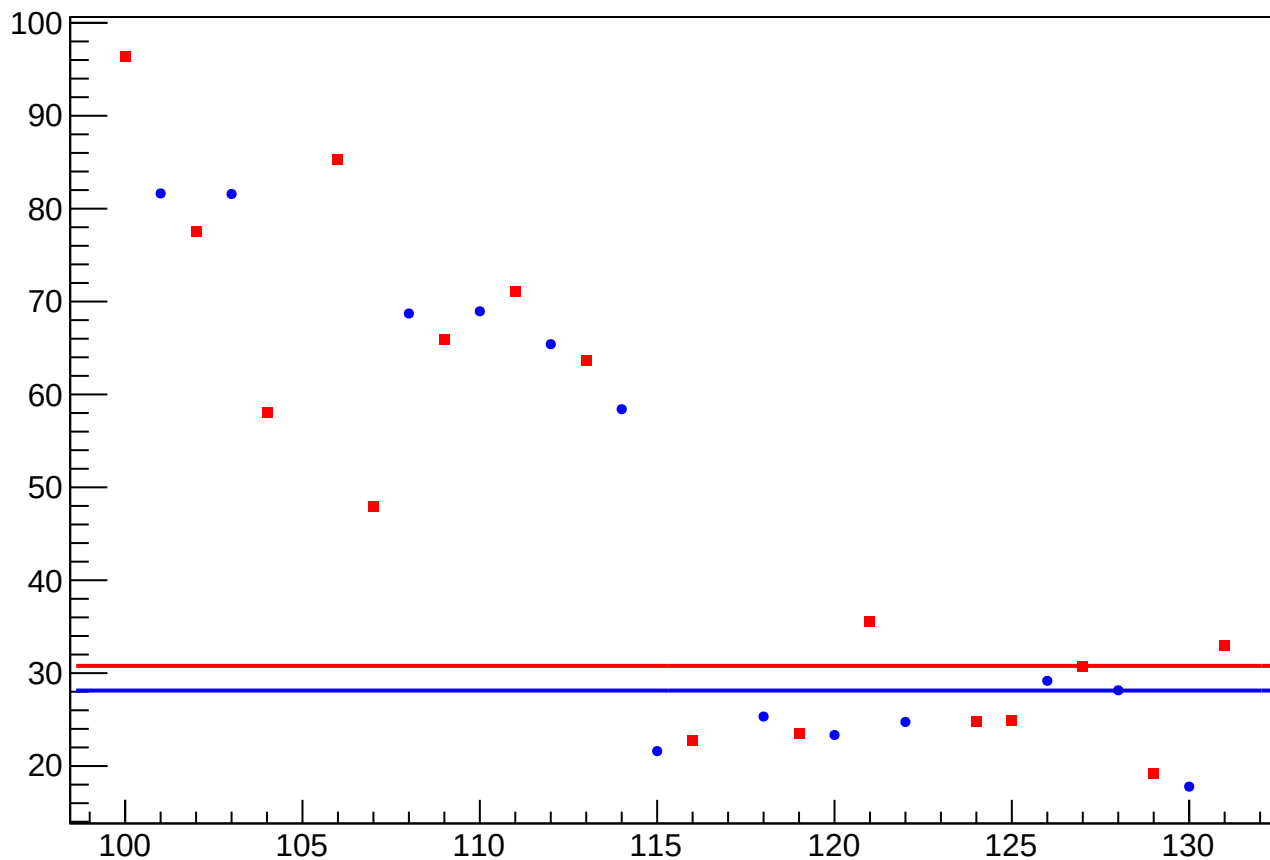
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/28

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/28

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.782+/-0.010 χ^2/NDF : 2311187.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

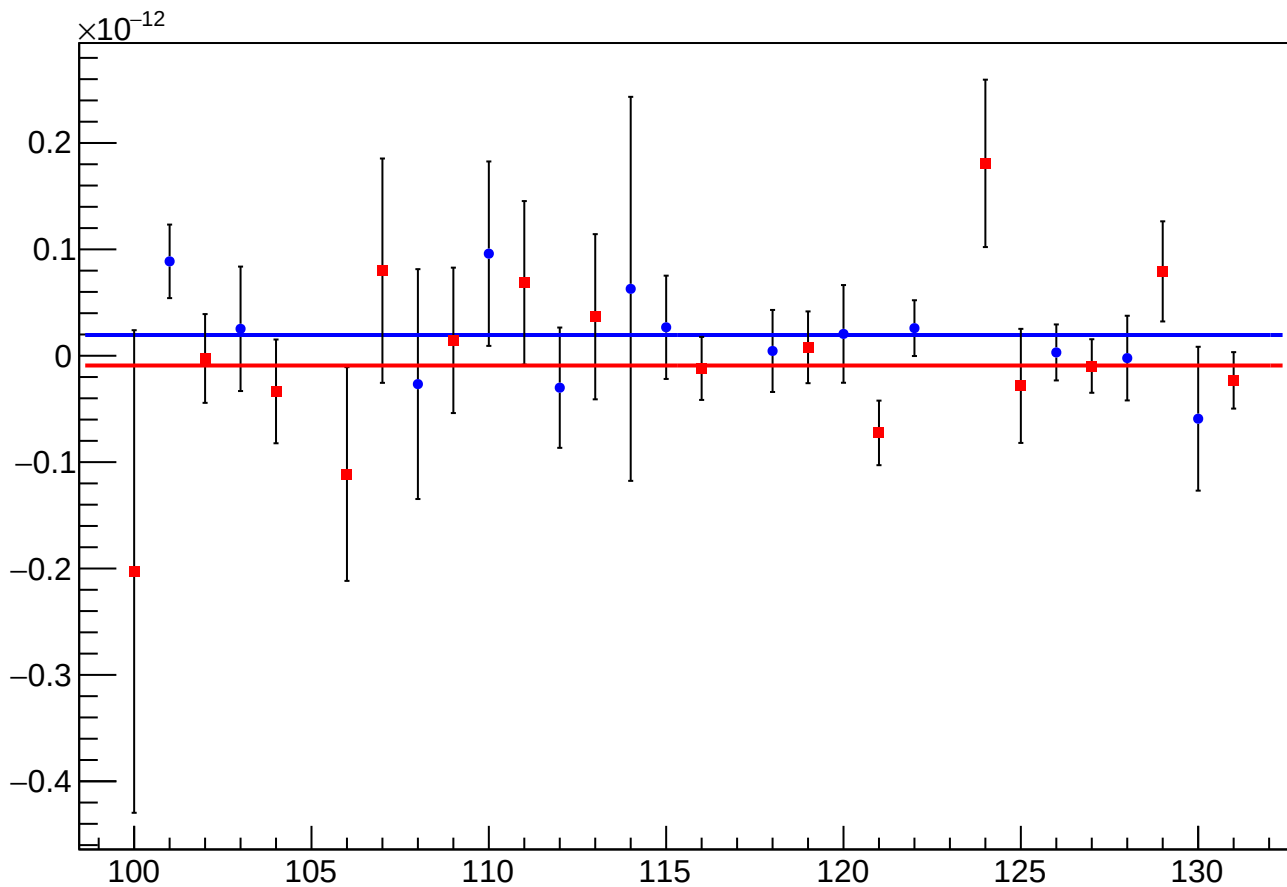
Right: 29.445+/-0.007 χ^2/NDF : 4656830.9/28

In: 28.125+/-0.010 χ^2/NDF :2309807.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.445+/-0.007 χ^2/NDF : 4656830.9/28

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

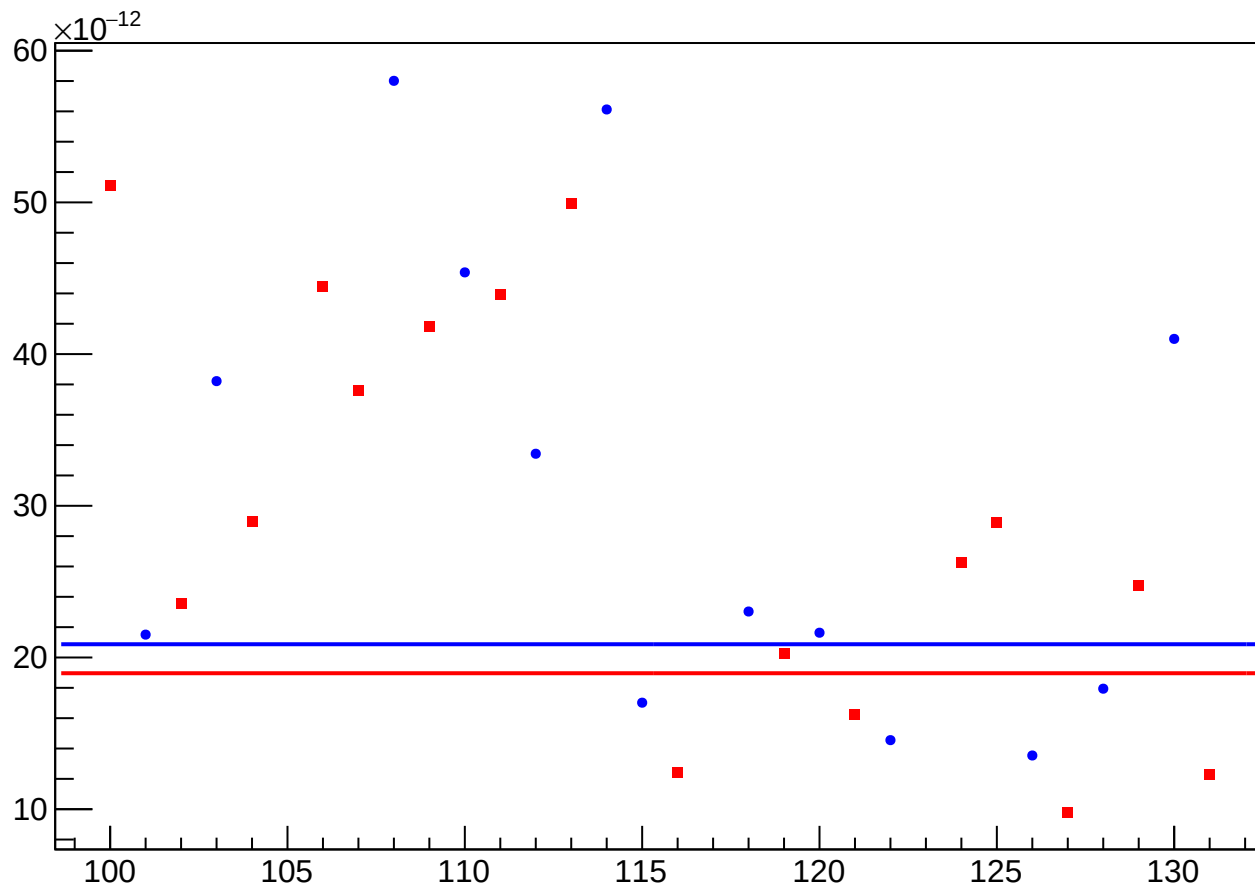
Right: 0.000+/-0.000 χ^2/NDF : 29.9/28

In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.9/28

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1226768.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1720279.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

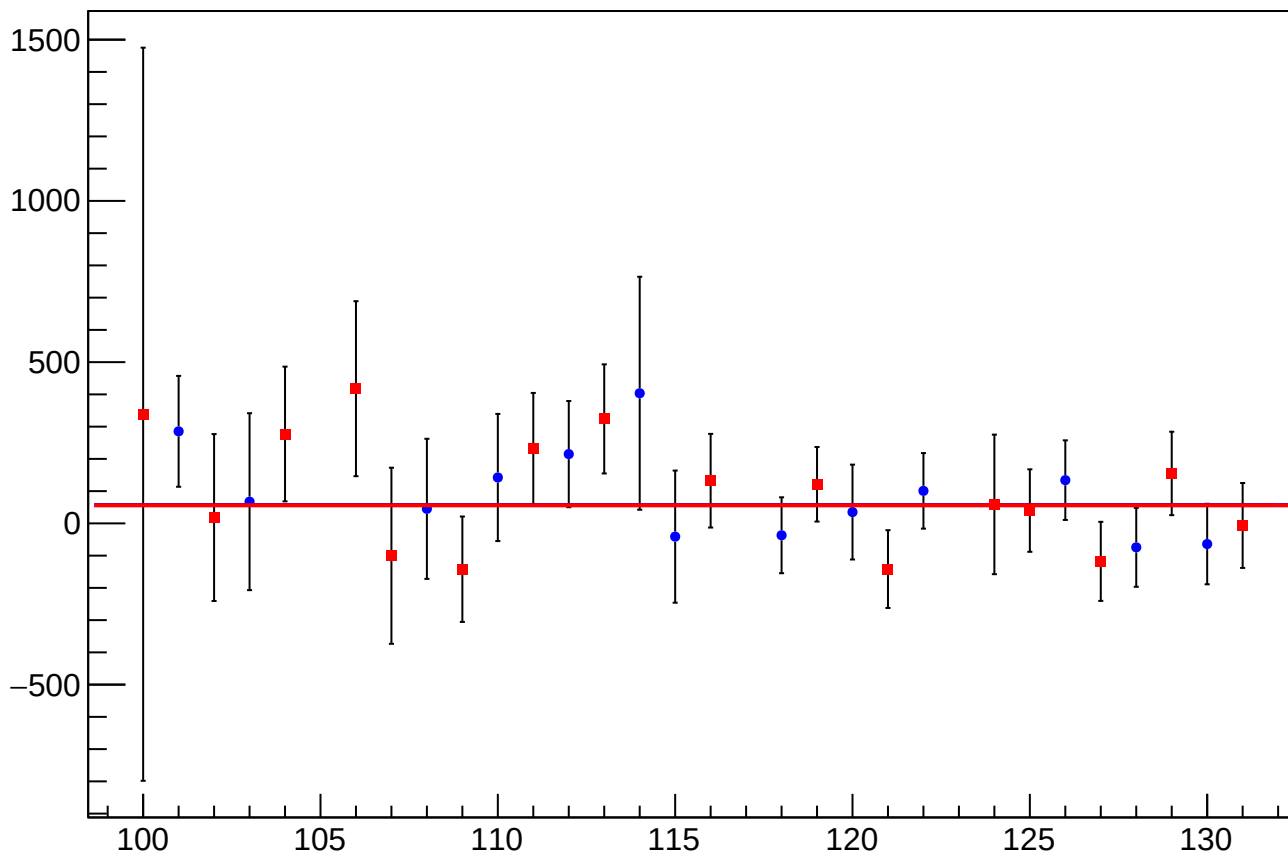
Right: 0.000+/-0.000 χ^2/NDF : 2975573.6/28

In: 0.000+/-0.000 χ^2/NDF : 1226768.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2975573.6/28

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 56.810+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.151+/-39.875 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

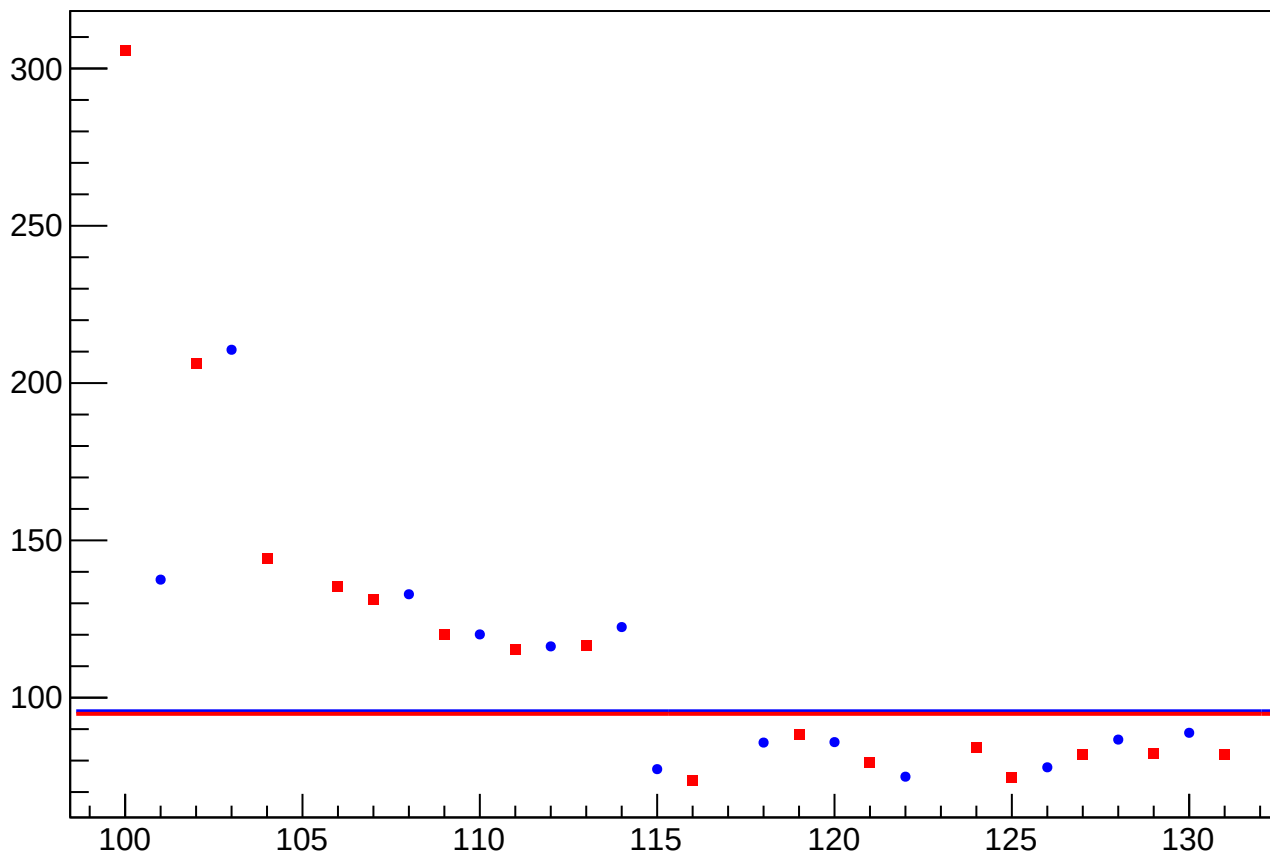
Right: 56.459+/-29.123 χ^2/NDF : 21.7/28

In: 56.810+/-42.634 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.459+/-29.123 χ^2/NDF : 21.7/28

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 95.664+/-0.030 χ^2/NDF : 761946.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.869+/-0.028 χ^2/NDF : 936277.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

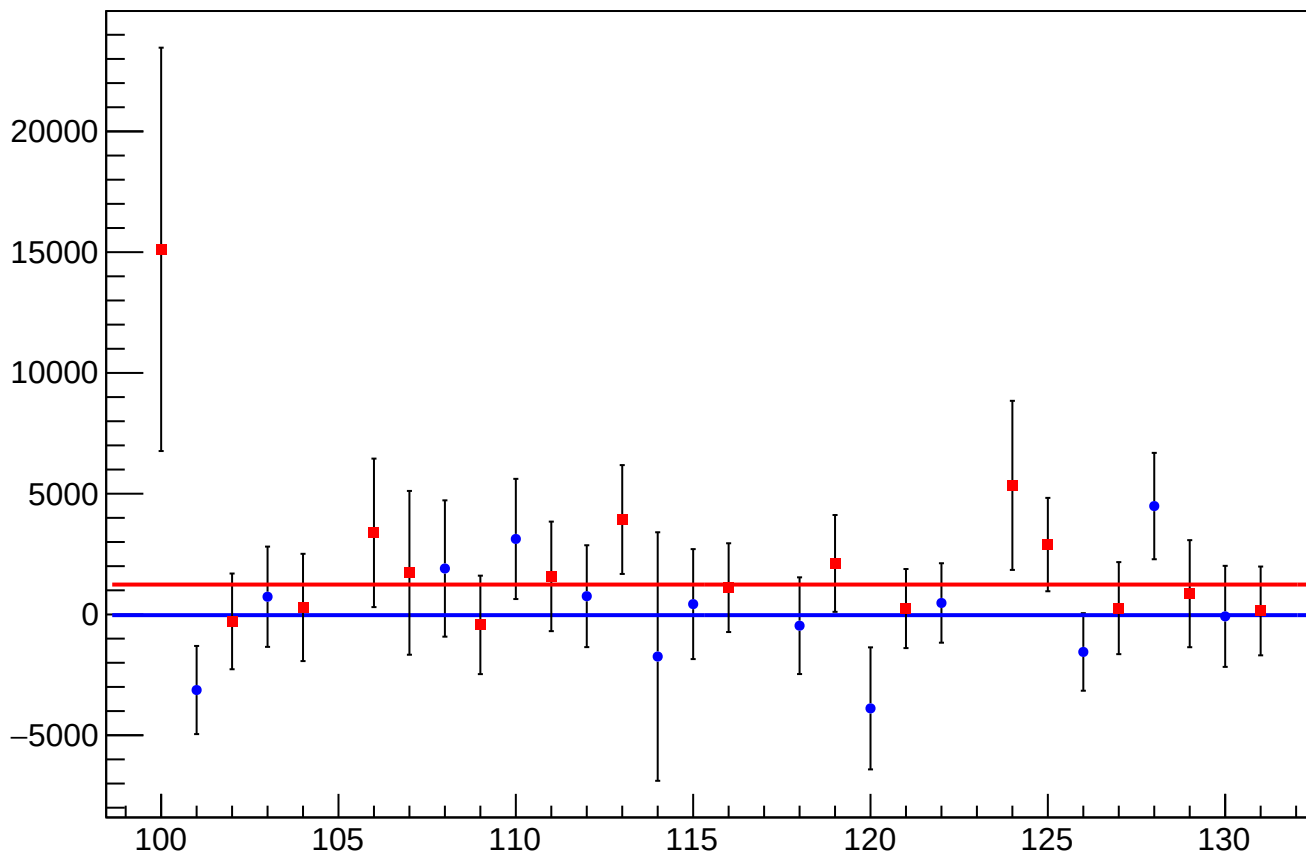
Right: 95.240+/-0.021 χ^2/NDF : 1698594.5/28

In: 95.664+/-0.030 χ^2/NDF : 761946.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.240+/-0.021 χ^2/NDF : 1698594.5/28

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -28.189 ± 589.918 $\chi^2/\text{NDF}: 13.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1238.239 ± 547.237 $\chi^2/\text{NDF}: 9.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

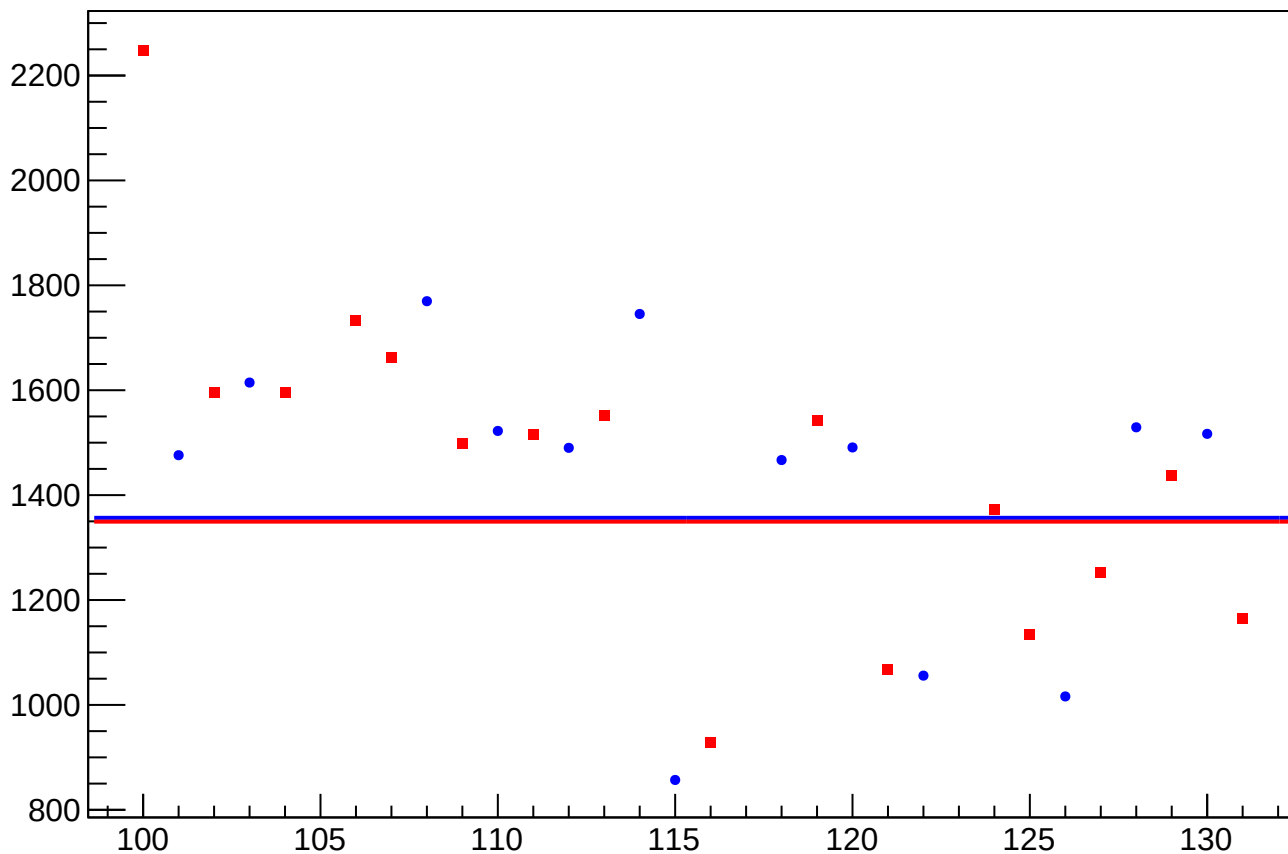
Right: 652.492 ± 401.196 $\chi^2/\text{NDF}: 24.9/28$

In: -28.189 ± 589.918 $\chi^2/\text{NDF}: 13.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 652.492 ± 401.196 $\chi^2/\text{NDF}: 24.9/28$

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1356.712+/-0.417 χ^2/NDF : 399558.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.440+/-0.387 χ^2/NDF : 400927.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

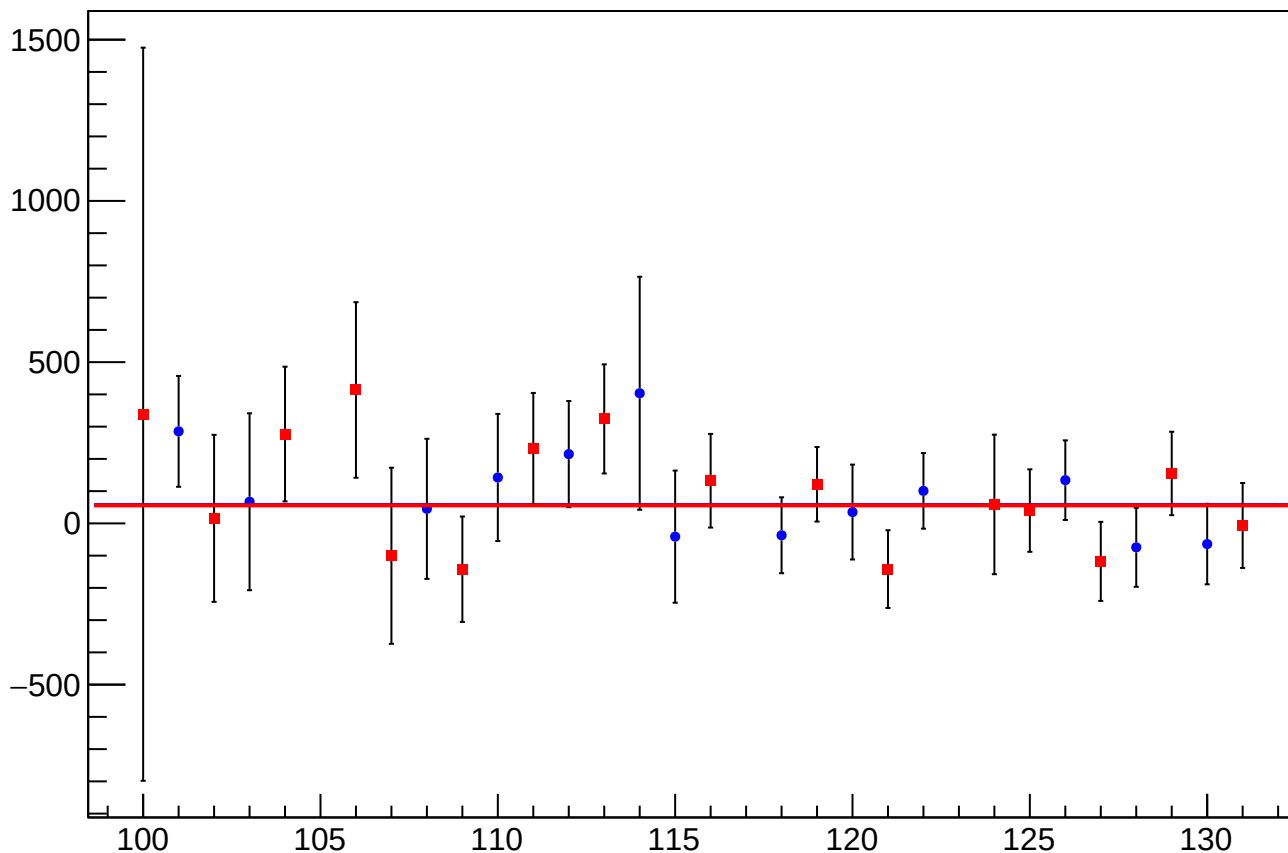
Right: 1352.804+/-0.284 χ^2/NDF : 800649.4/28

In: 1356.712+/-0.417 χ^2/NDF : 399558.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.804+/-0.284 χ^2/NDF : 800649.4/28

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.954+/-39.878 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

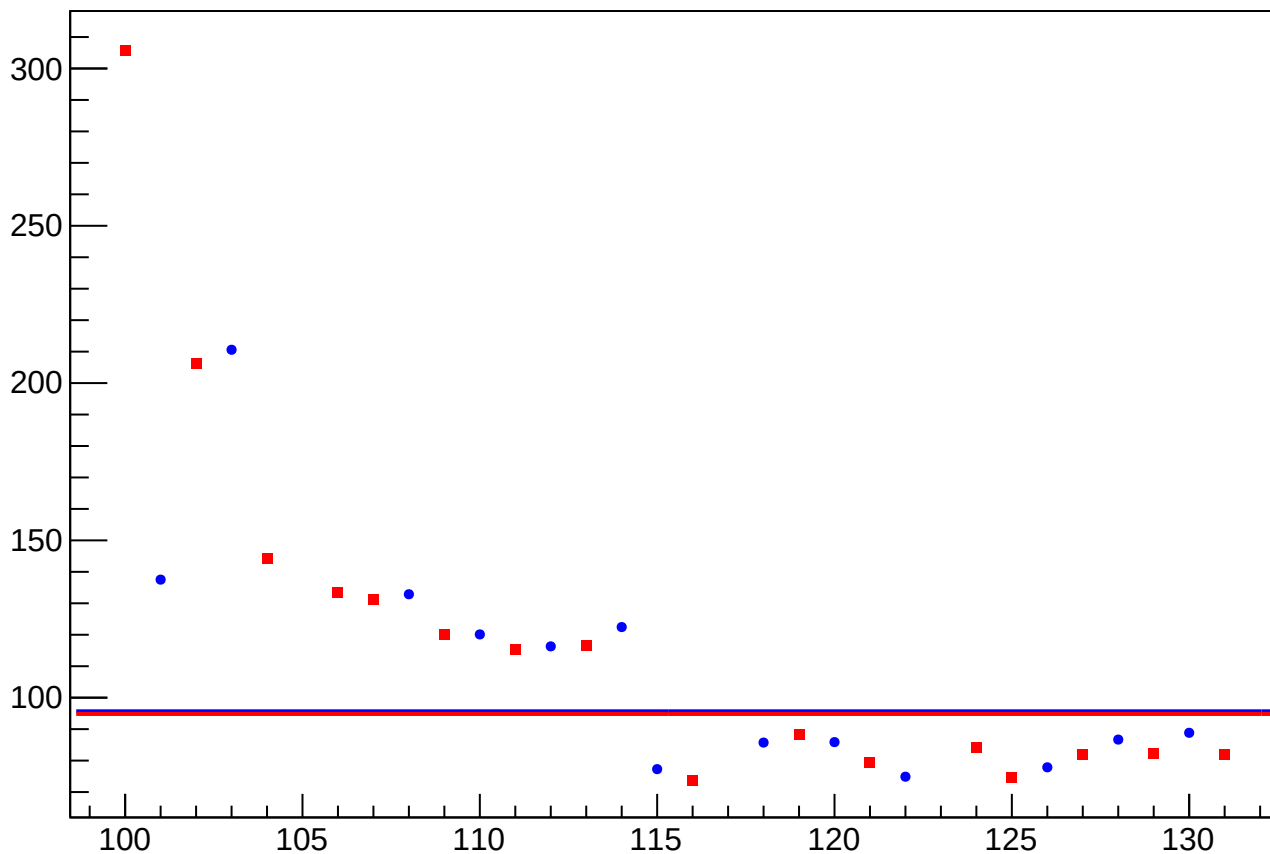
Right: 56.350+/-29.124 χ^2/NDF : 21.7/28

In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.350+/-29.124 χ^2/NDF : 21.7/28

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.821+/-0.028 χ^2/NDF : 932154.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

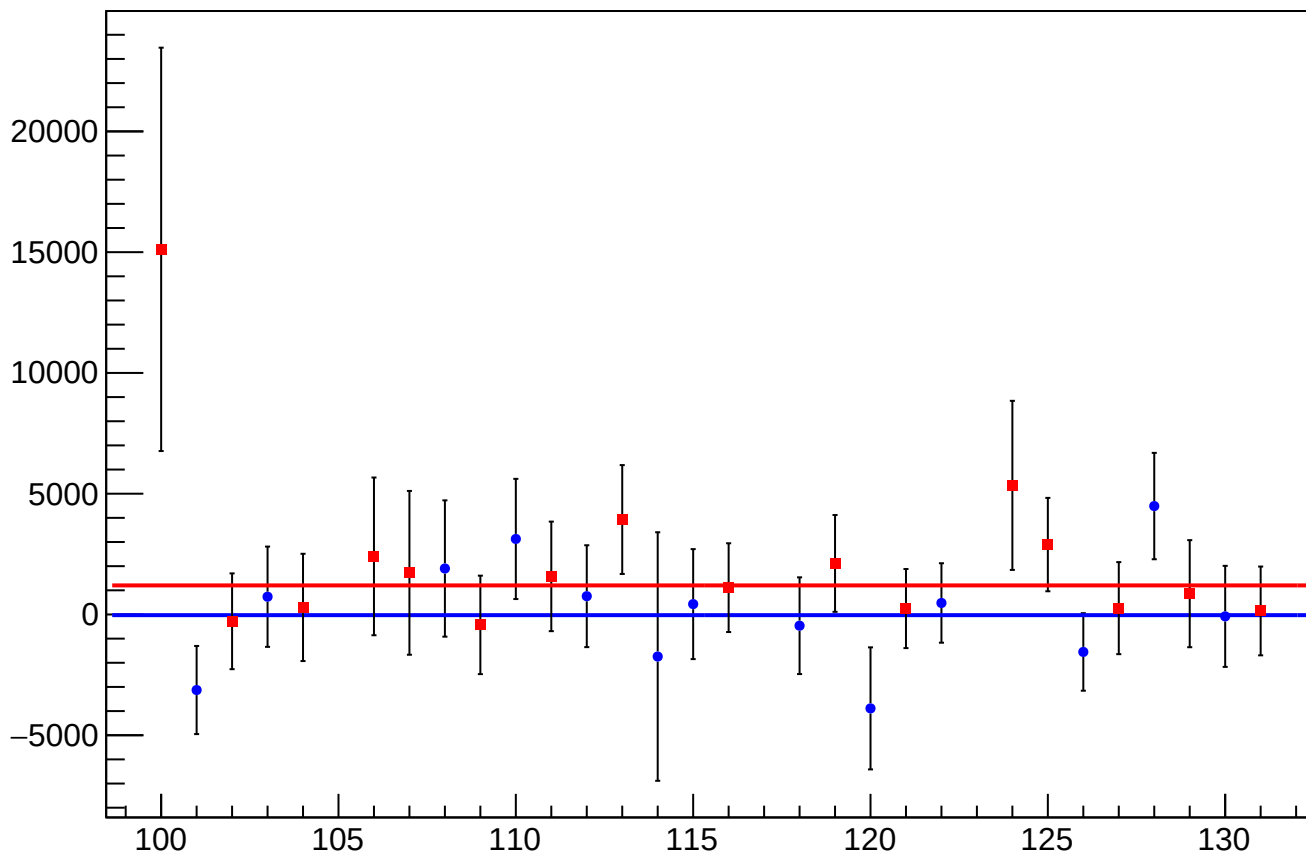
Right: 95.215+/-0.021 χ^2/NDF : 1694520.4/28

In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.215+/-0.021 χ^2/NDF : 1694520.4/28

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.658+/-548.257 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

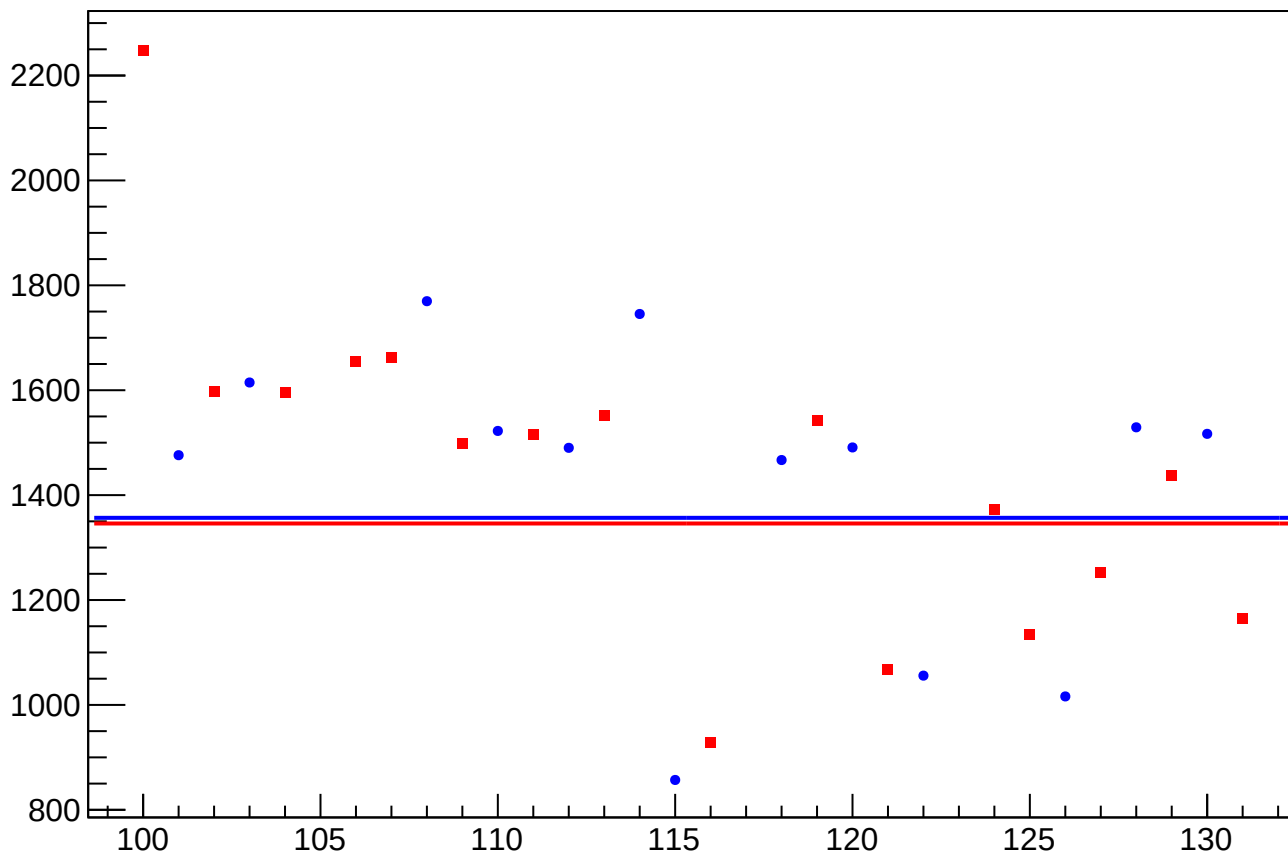
Right: 632.797+/-401.599 χ^2/NDF : 24.4/28

In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.797+/-401.599 χ^2/NDF : 24.4/28

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.911+/-0.388 χ^2/NDF : 387444.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

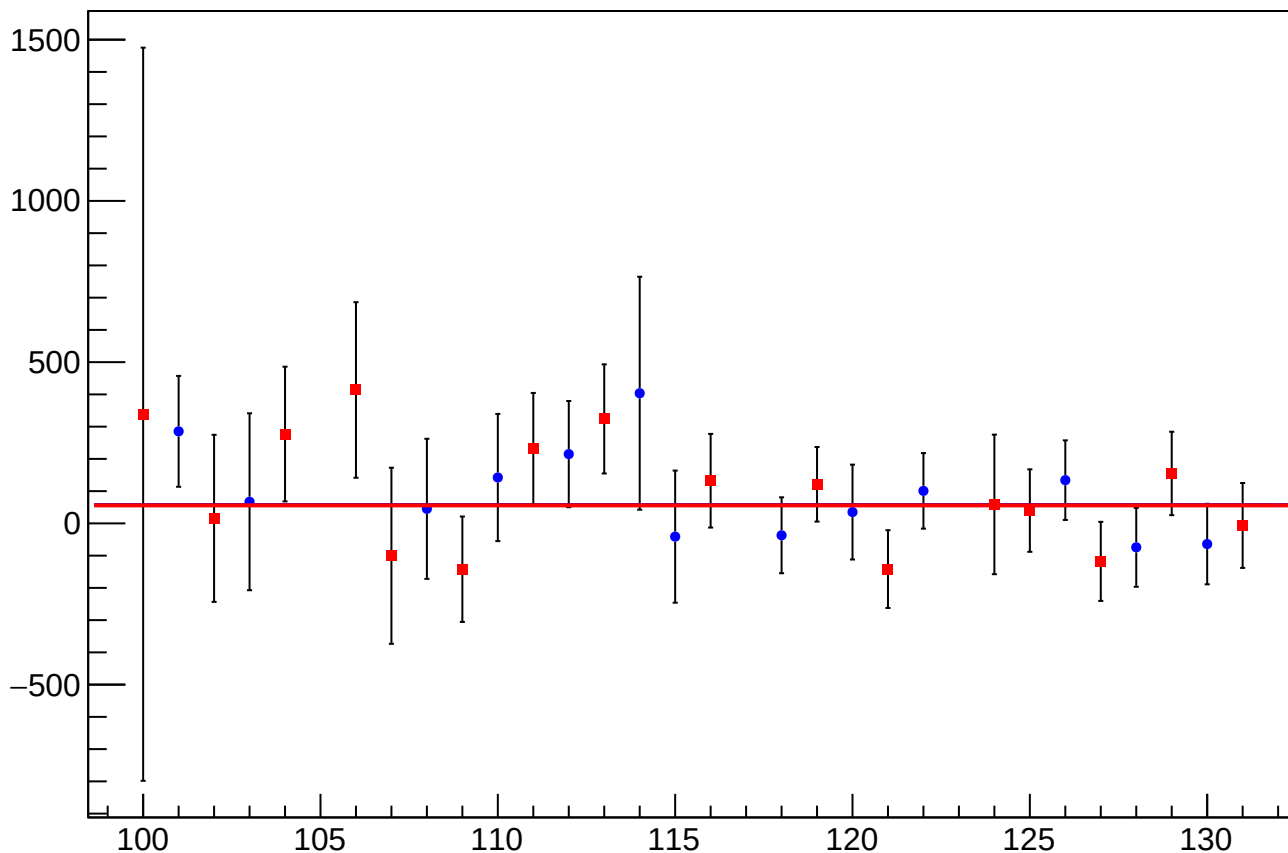
Right: 1350.919+/-0.284 χ^2/NDF : 787386.2/28

In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.919+/-0.284 χ^2/NDF : 787386.2/28

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.954+/-39.878 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

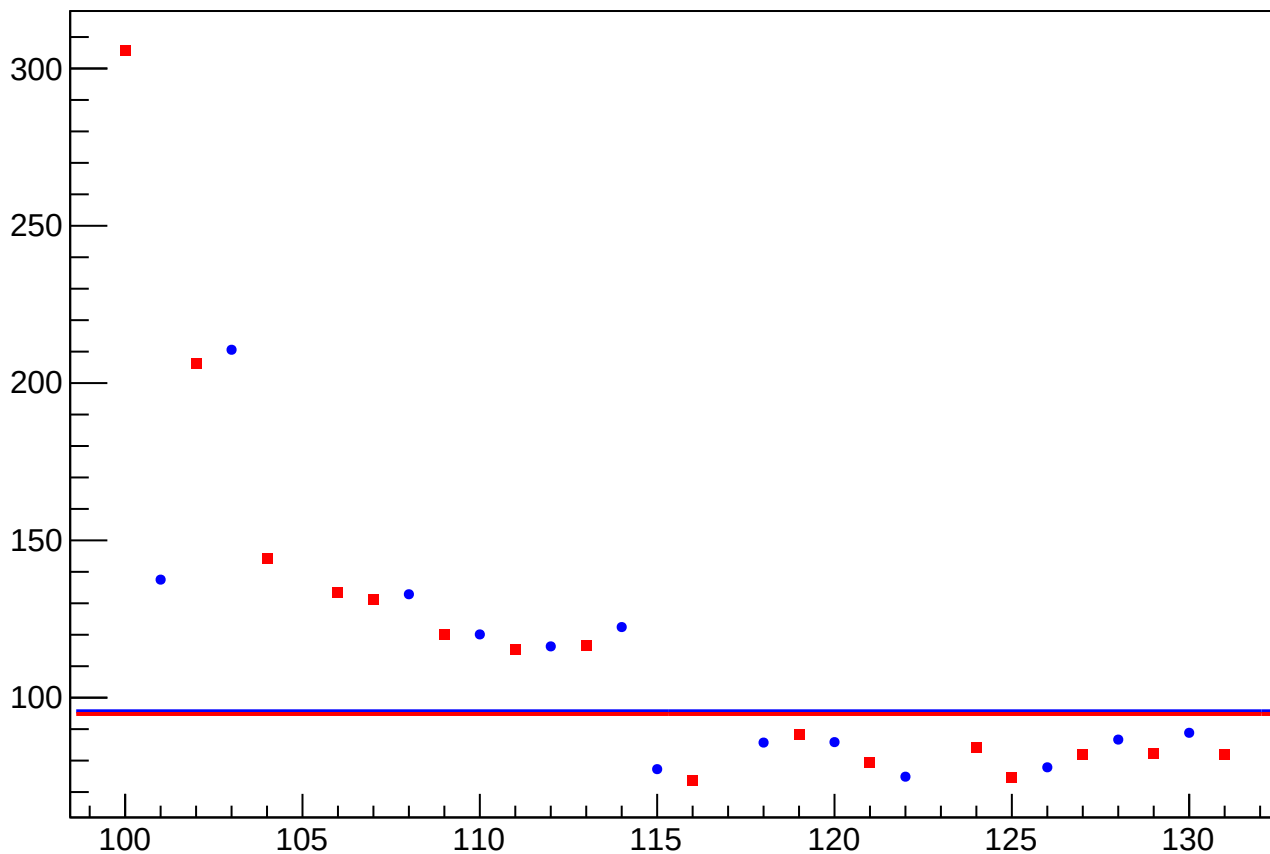
Right: 56.350+/-29.124 χ^2/NDF : 21.7/28

In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.350+/-29.124 χ^2/NDF : 21.7/28

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.821+/-0.028 χ^2/NDF : 932154.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

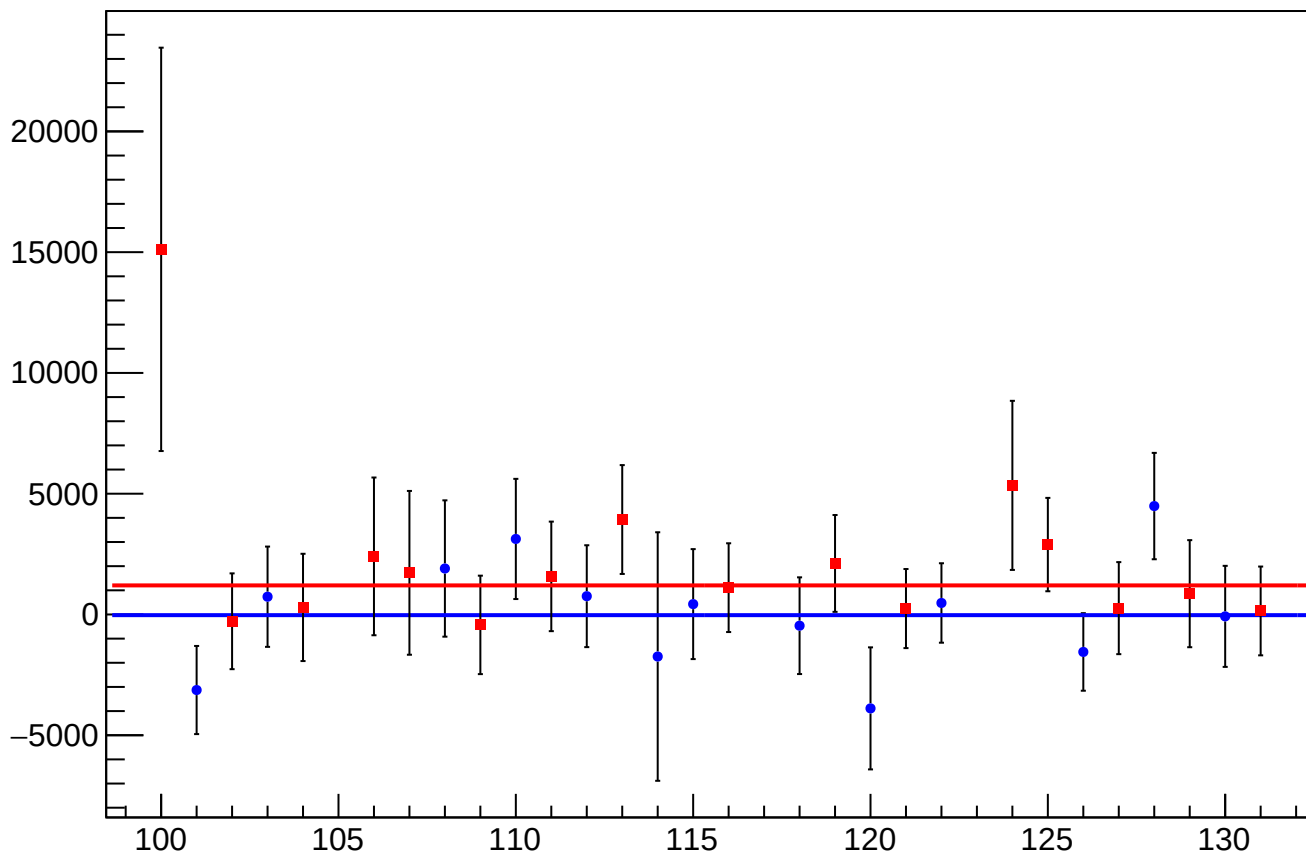
Right: 95.215+/-0.021 χ^2/NDF : 1694520.4/28

In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.215+/-0.021 χ^2/NDF : 1694520.4/28

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.658+/-548.257 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

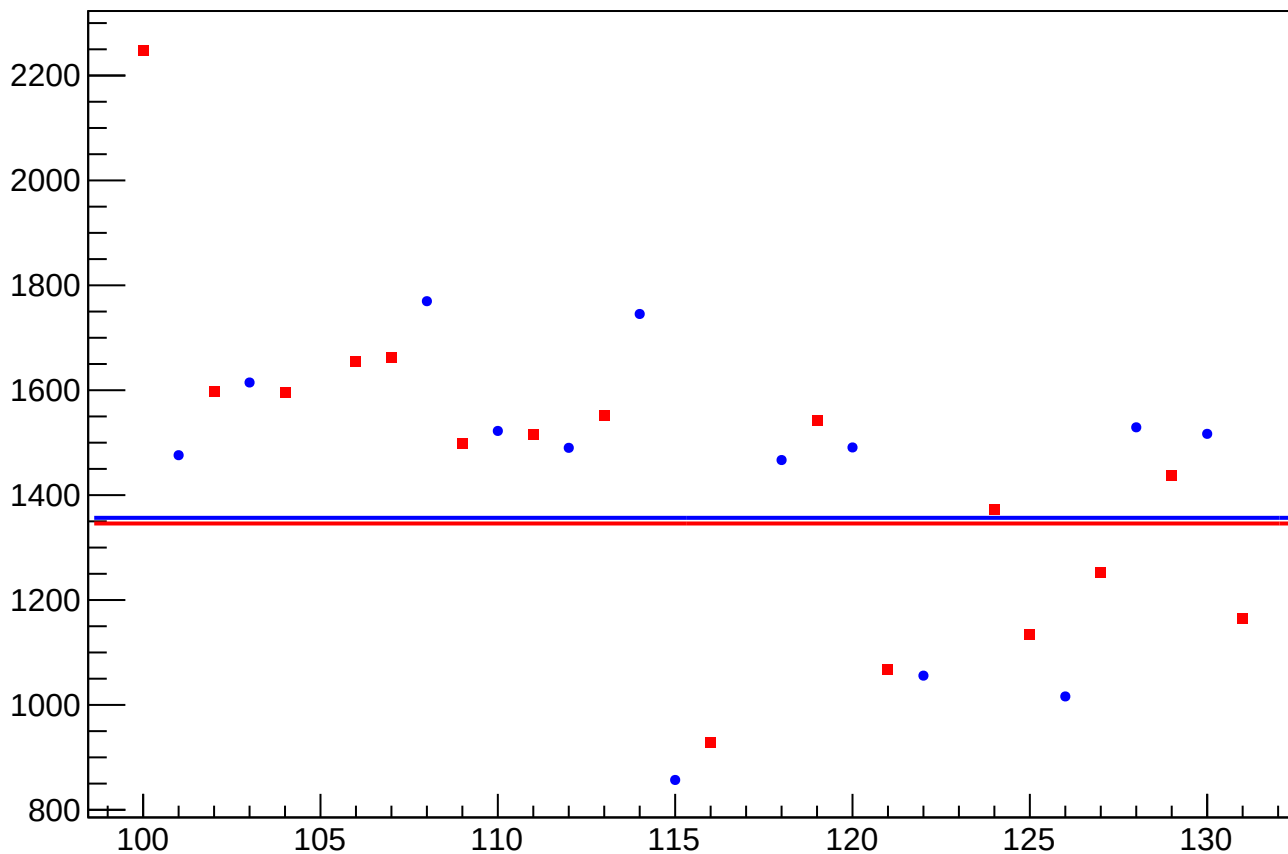
Right: 632.797+/-401.599 χ^2/NDF : 24.4/28

In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.797+/-401.599 χ^2/NDF : 24.4/28

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.911+/-0.388 χ^2/NDF : 387444.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

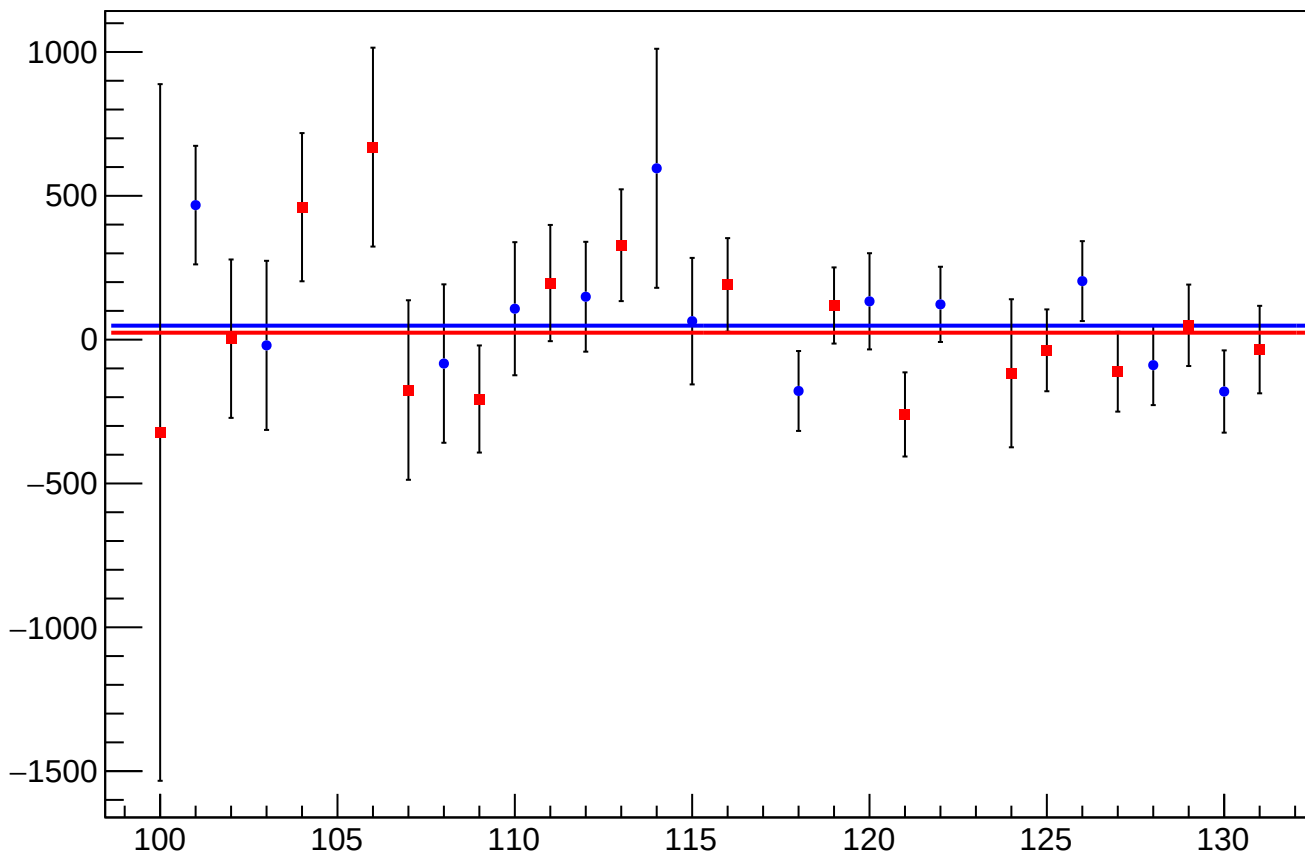
Right: 1350.919+/-0.284 χ^2/NDF : 787386.2/28

In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.919+/-0.284 χ^2/NDF : 787386.2/28

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.638 $\pm$ 48.826 χ^2 /NDF: 14.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.157 $\pm$ 45.714 χ^2 /NDF: 18.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

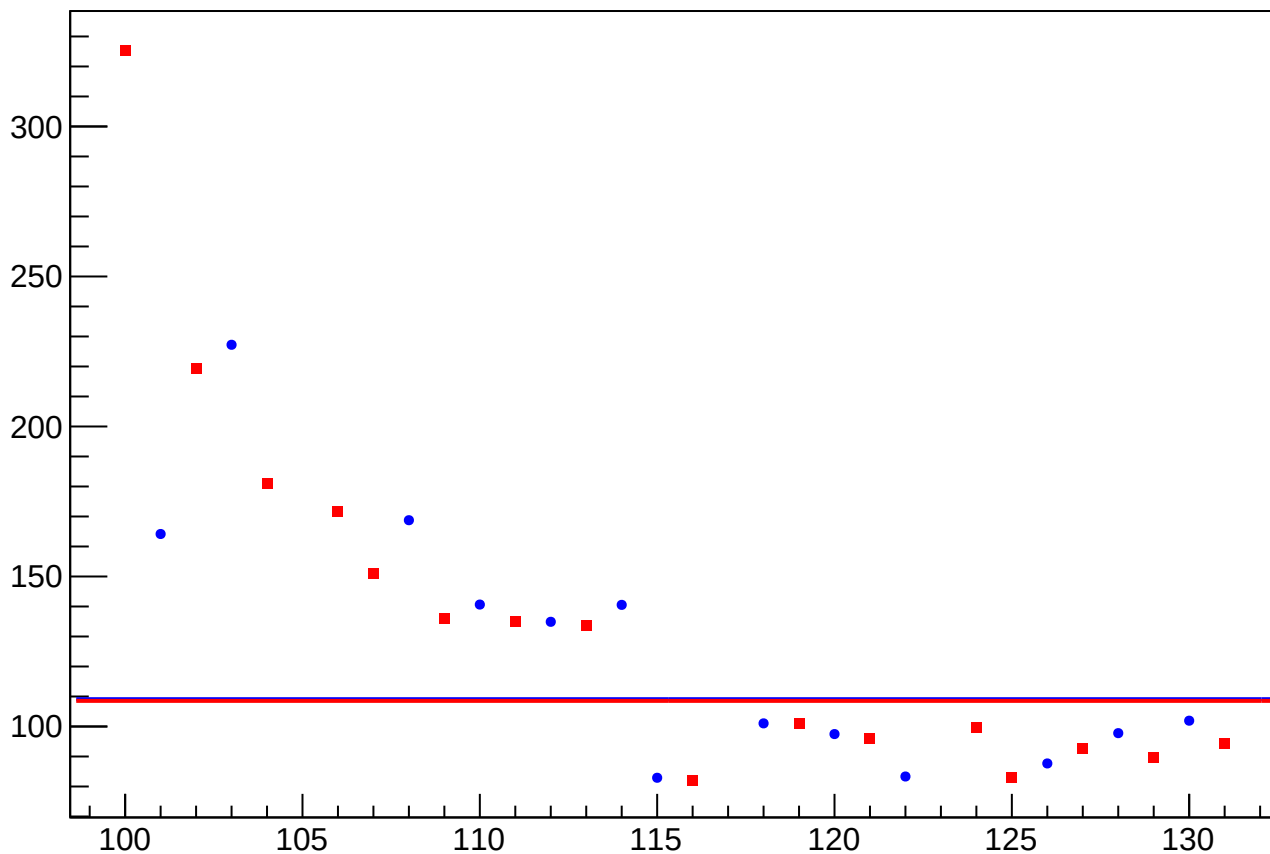
Right: 35.593 $\pm$ 33.371 χ^2 /NDF: 33.2/28

In: 48.638 $\pm$ 48.826 χ^2 /NDF:14.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.593 $\pm$ 33.371 χ^2 /NDF: 33.2/28

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 109.104+/-0.035 χ^2/NDF : 833026.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.543+/-0.032 χ^2/NDF : 981340.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

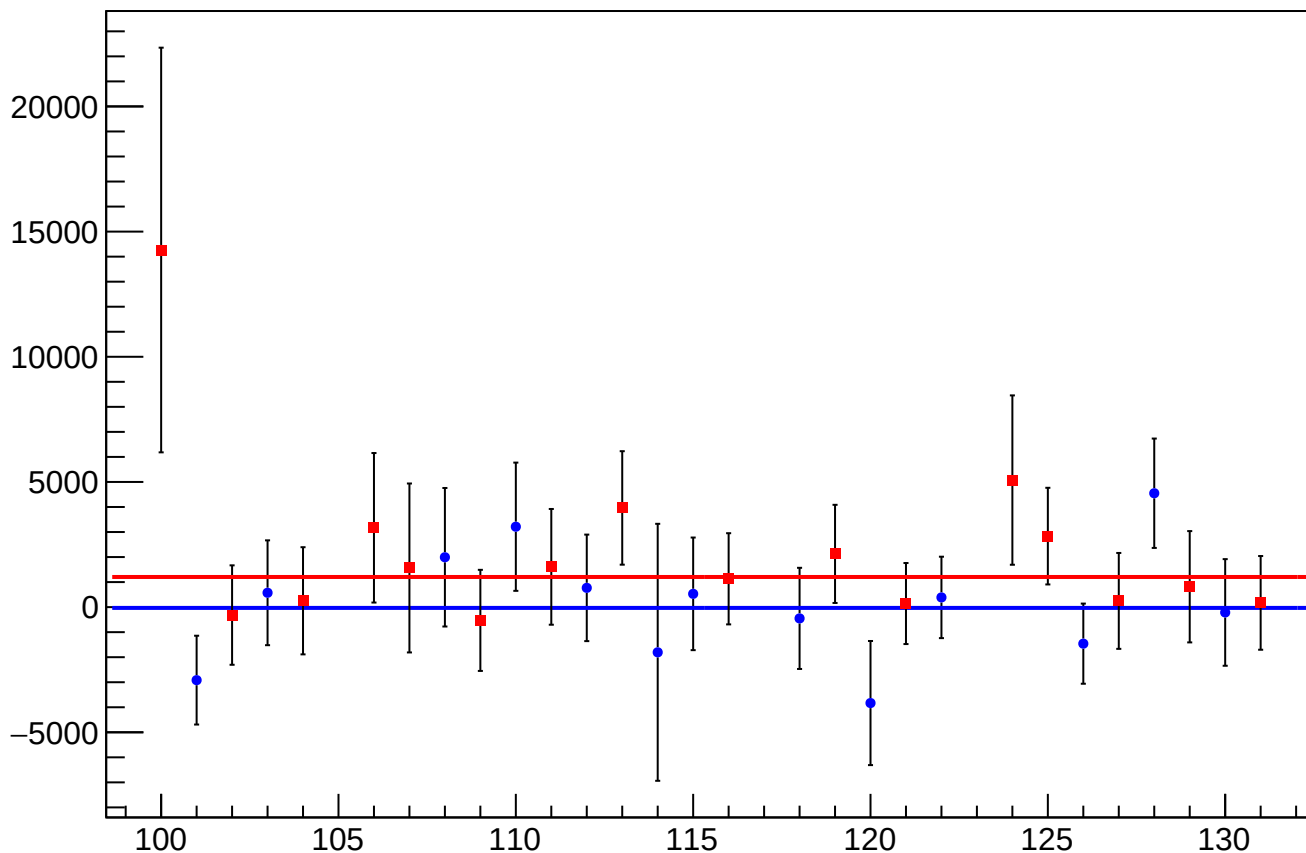
Right: 108.805+/-0.024 χ^2/NDF : 1814508.4/28

In: 109.104+/-0.035 χ^2/NDF : 833026.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.805+/-0.024 χ^2/NDF : 1814508.4/28

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.068+/-588.053 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1204.274+/-544.419 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

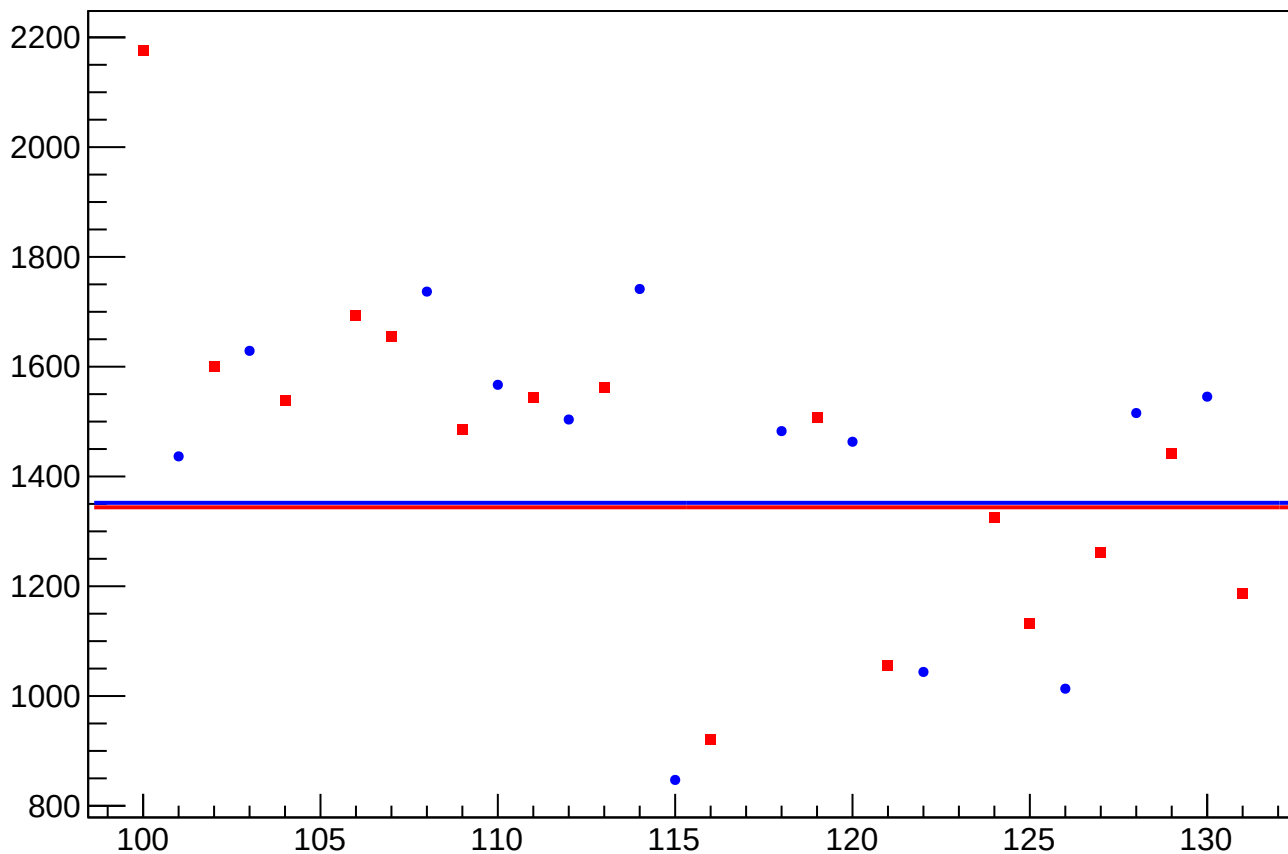
Right: 634.130+/-399.498 χ^2/NDF : 24.6/28

In: -31.068+/-588.053 χ^2/NDF :12.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 634.130+/-399.498 χ^2/NDF : 24.6/28

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1351.988+/-0.416 χ^2/NDF : 416177.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.829+/-0.385 χ^2/NDF : 390139.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

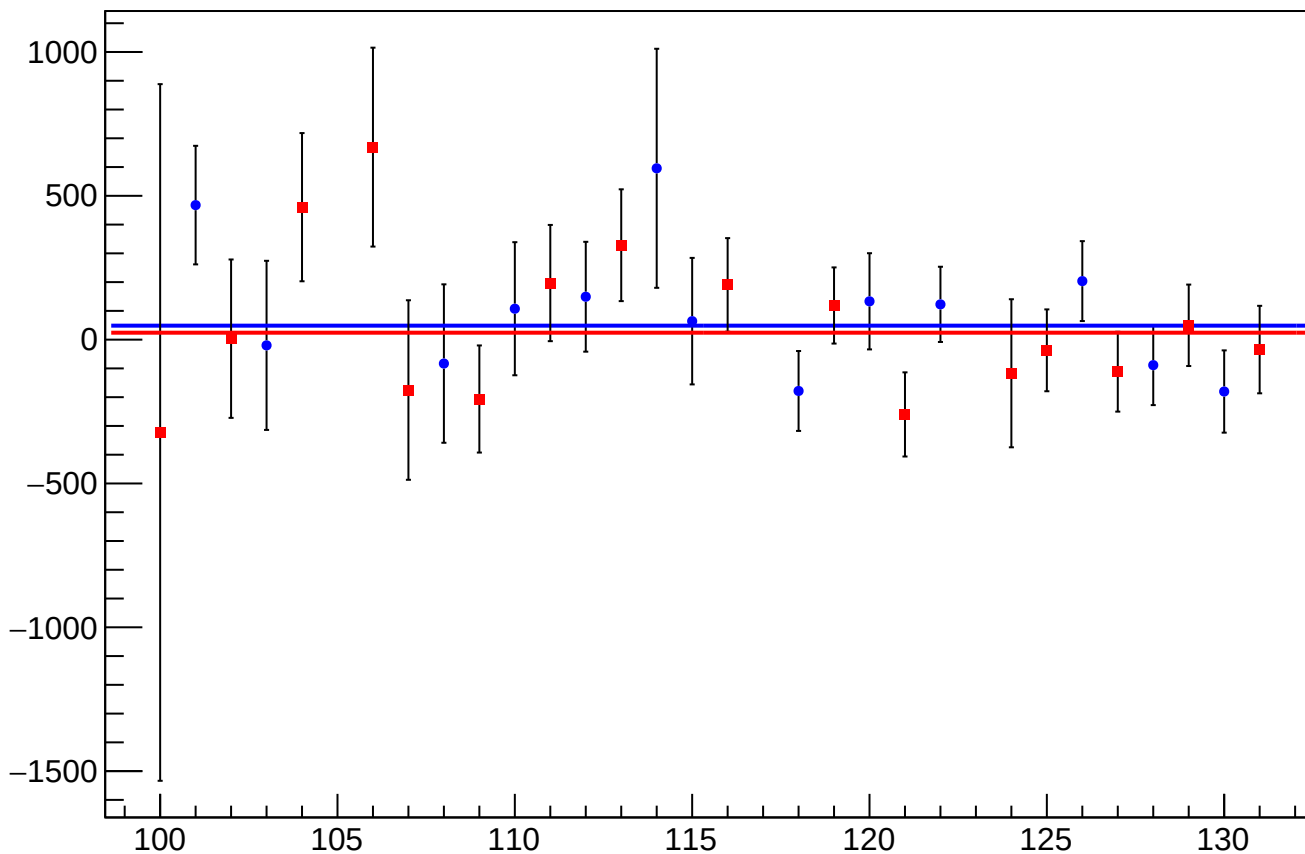
Right: 1347.595+/-0.282 χ^2/NDF : 806524.9/28

In: 1351.988+/-0.416 χ^2/NDF : 416177.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.595+/-0.282 χ^2/NDF : 806524.9/28

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.636+/-48.826 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.153+/-45.714 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

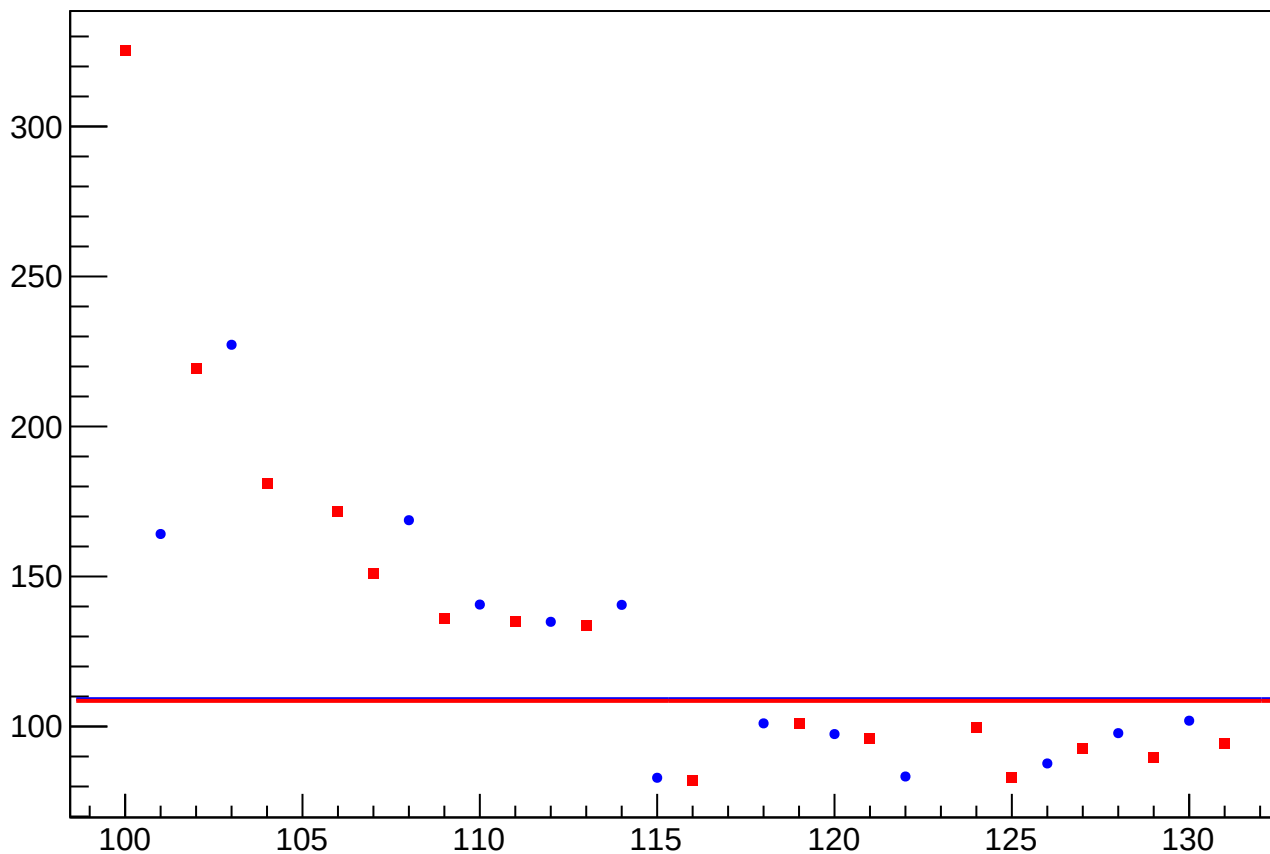
Right: 35.590+/-33.371 χ^2/NDF : 33.2/28

In: 48.636+/-48.826 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.590+/-33.371 χ^2/NDF : 33.2/28

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 109.104+/-0.035 χ^2/NDF : 833023.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.543+/-0.032 χ^2/NDF : 981339.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

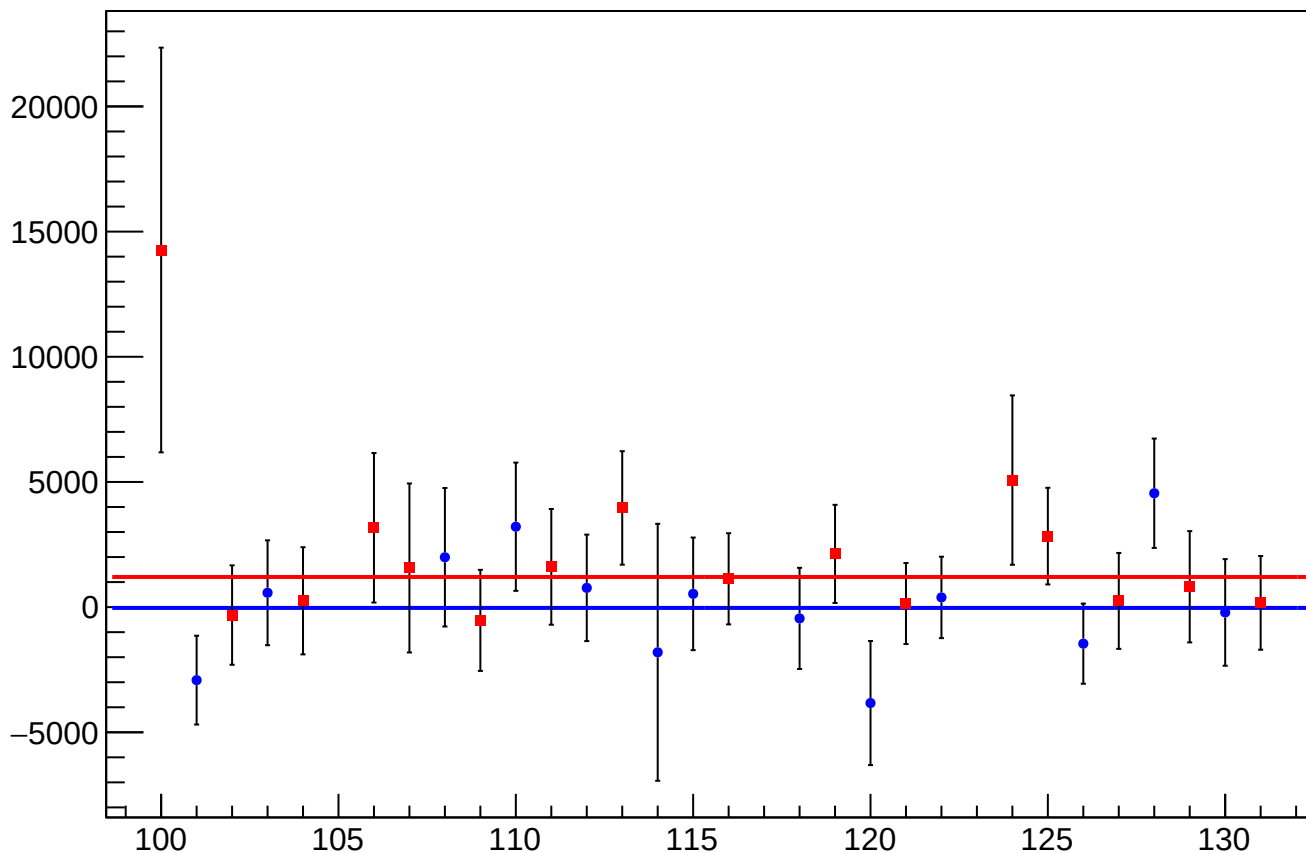
Right: 108.805+/-0.024 χ^2/NDF : 1814503.3/28

In: 109.104+/-0.035 χ^2/NDF : 833023.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.805+/-0.024 χ^2/NDF : 1814503.3/28

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.066 ± 588.051 χ^2/NDF : 12.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1204.271 ± 544.417 χ^2/NDF : 9.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

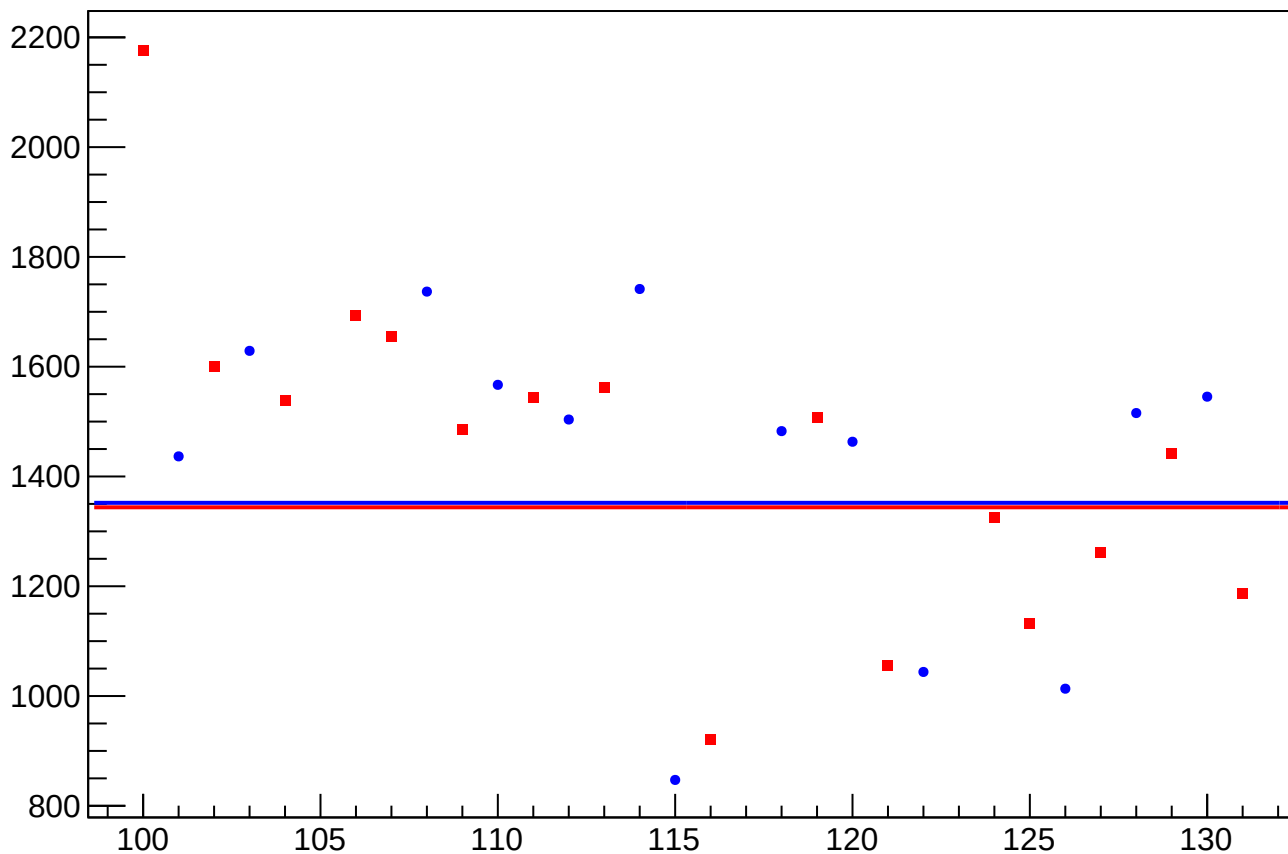
Right: 634.130 ± 399.497 χ^2/NDF : 24.6/28

In: -31.066 ± 588.051 χ^2/NDF : 12.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 634.130 ± 399.497 χ^2/NDF : 24.6/28

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1351.985+/-0.416 χ^2/NDF : 416172.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.825+/-0.385 χ^2/NDF : 390135.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

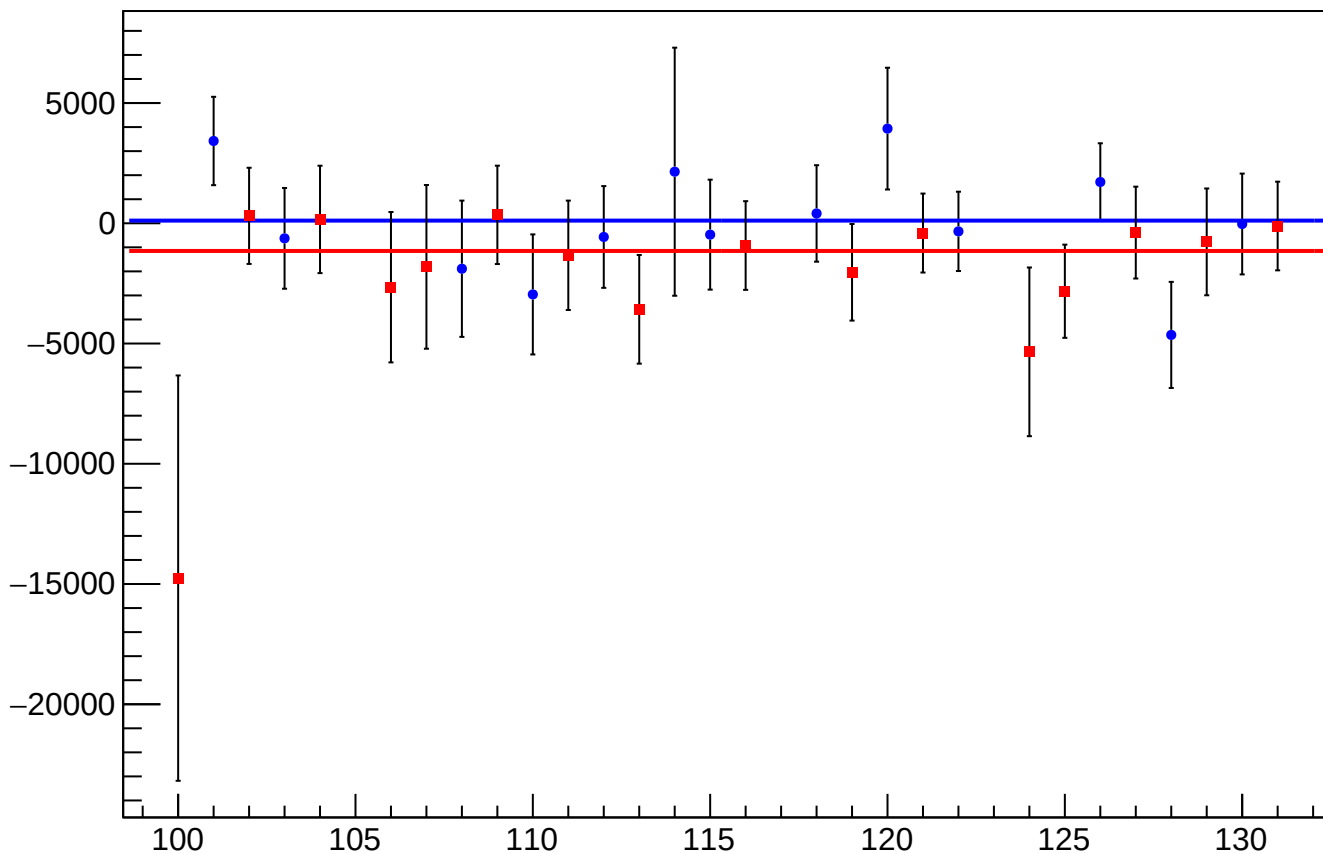
Right: 1347.591+/-0.282 χ^2/NDF : 806515.8/28

In: 1351.985+/-0.416 χ^2/NDF : 416172.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.591+/-0.282 χ^2/NDF : 806515.8/28

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 111.154+/-592.096 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1150.512+/-549.356 χ^2/NDF : 8.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

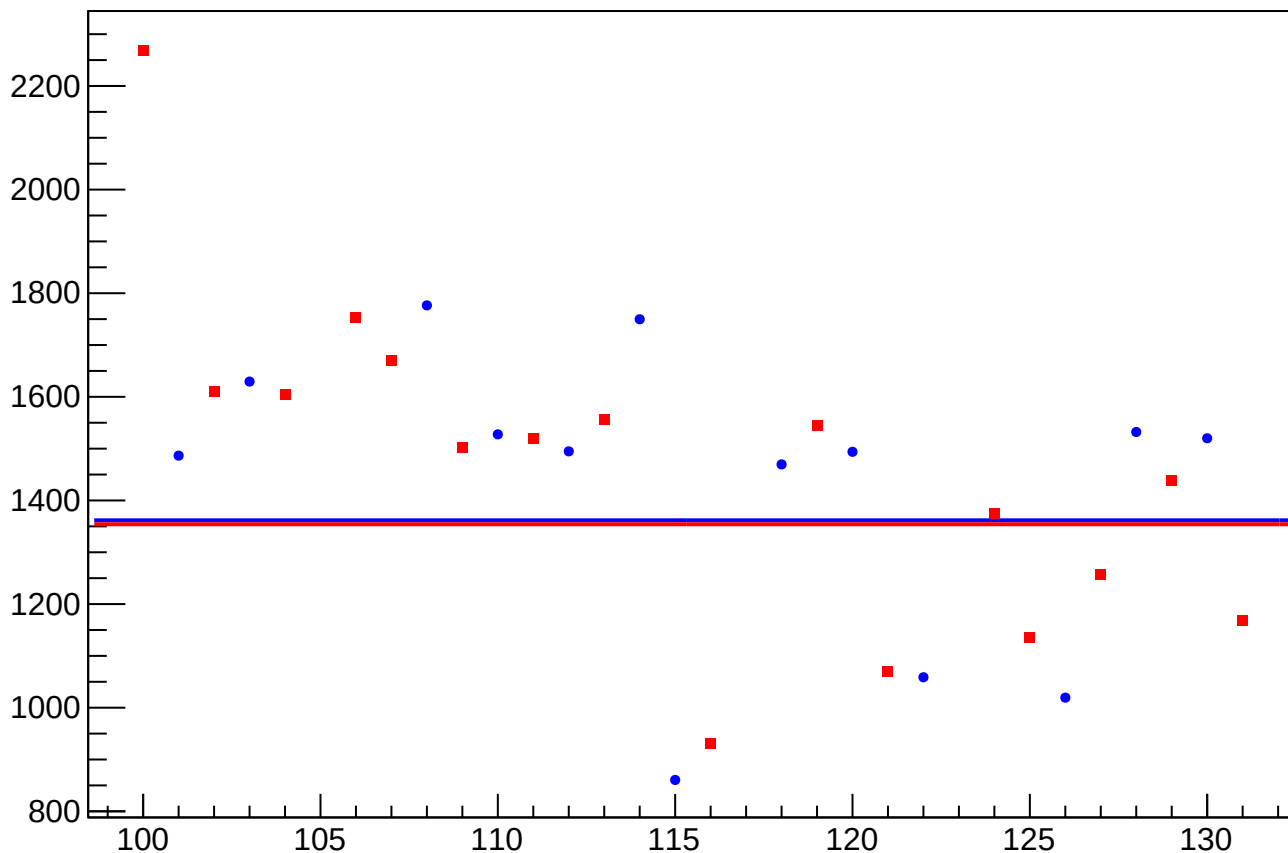
Right: -566.854+/-402.716 χ^2/NDF : 24.7/28

In: 111.154+/-592.096 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.854+/-402.716 χ^2/NDF : 24.7/28

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1361.656+/-0.419 χ^2/NDF : 401414.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.009+/-0.388 χ^2/NDF : 405327.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

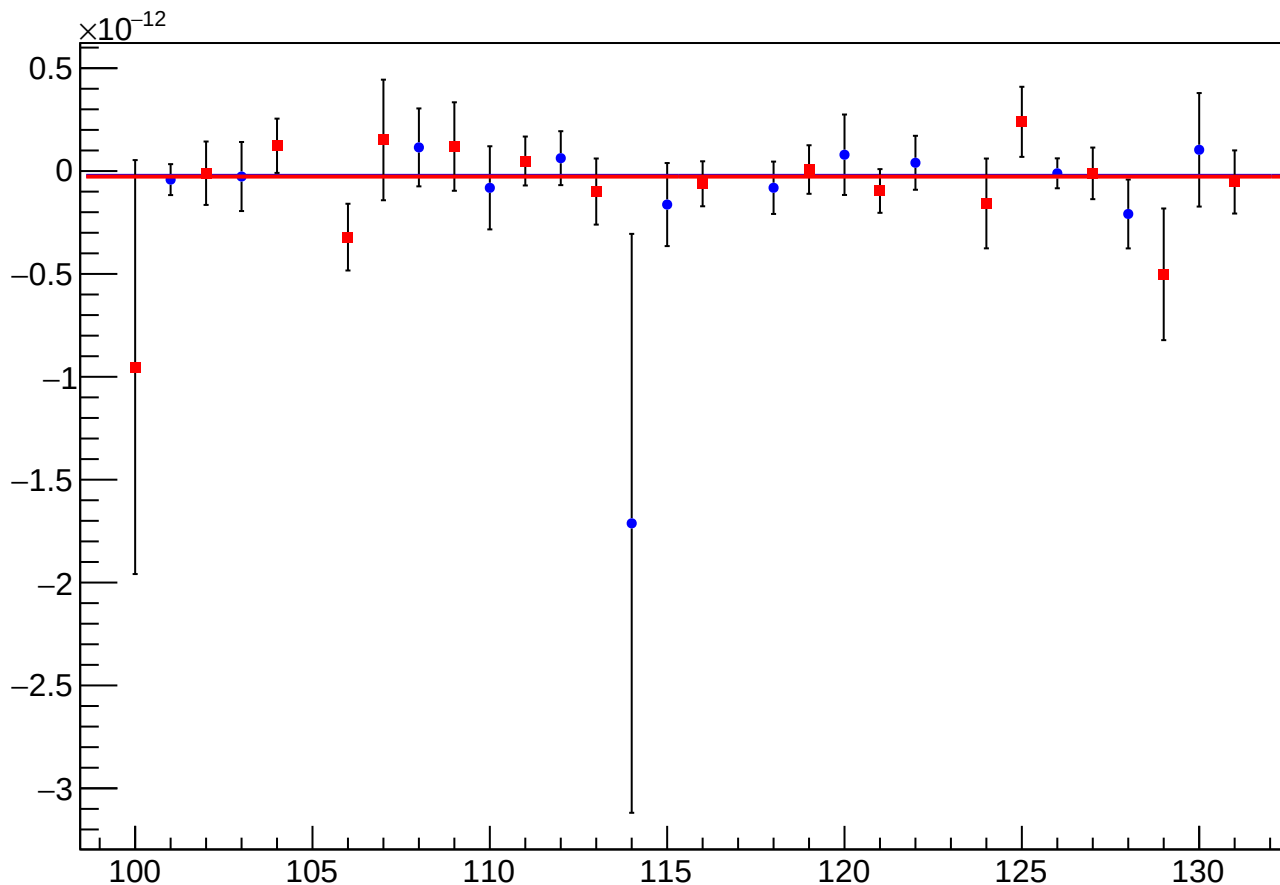
Right: 1357.546+/-0.285 χ^2/NDF : 806922.0/28

In: 1361.656+/-0.419 χ^2/NDF : 401414.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.546+/-0.285 χ^2/NDF : 806922.0/28

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

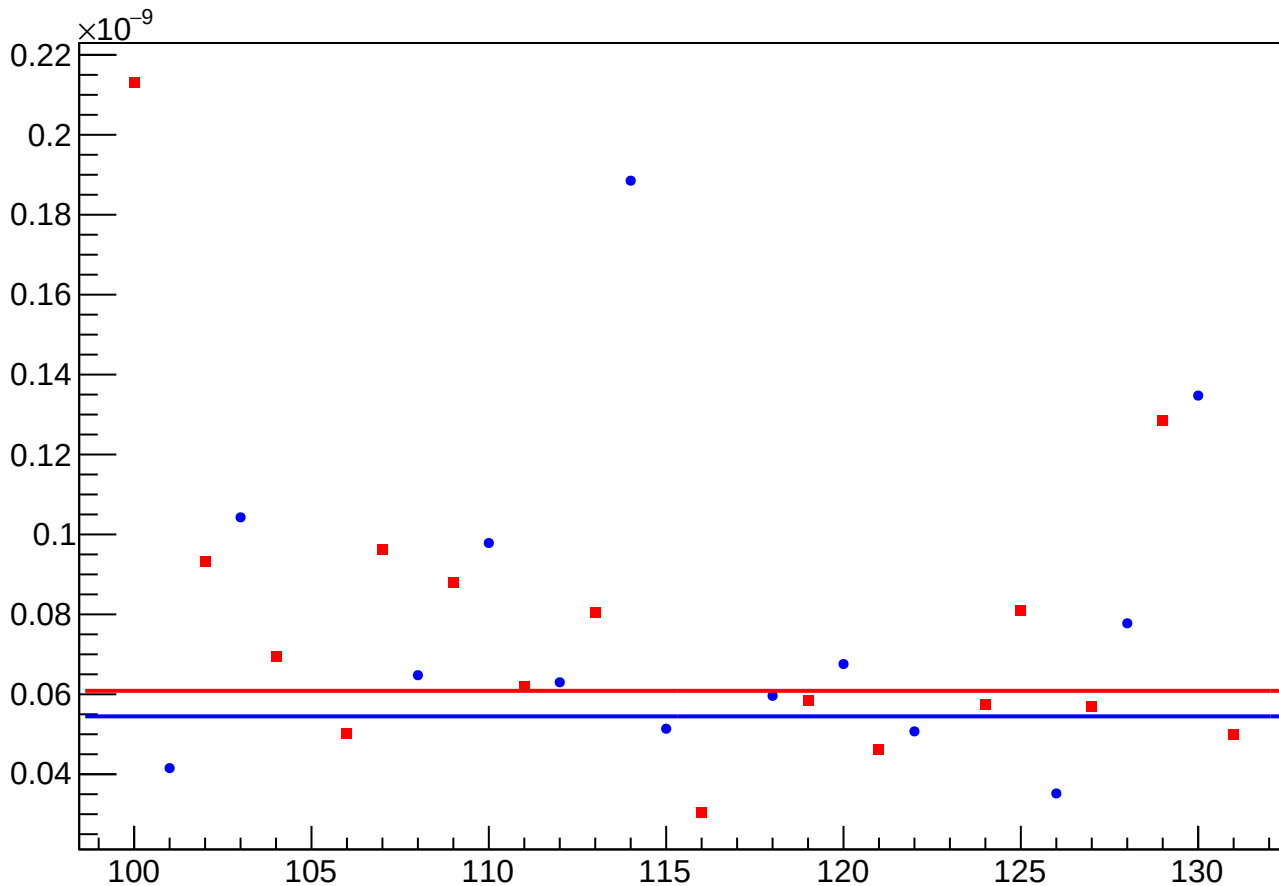
Right: -0.000+/-0.000 χ^2/NDF : 17.8/28

In: -0.000+/-0.000 χ^2/NDF : 5.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.8/28

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 723040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 565654.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

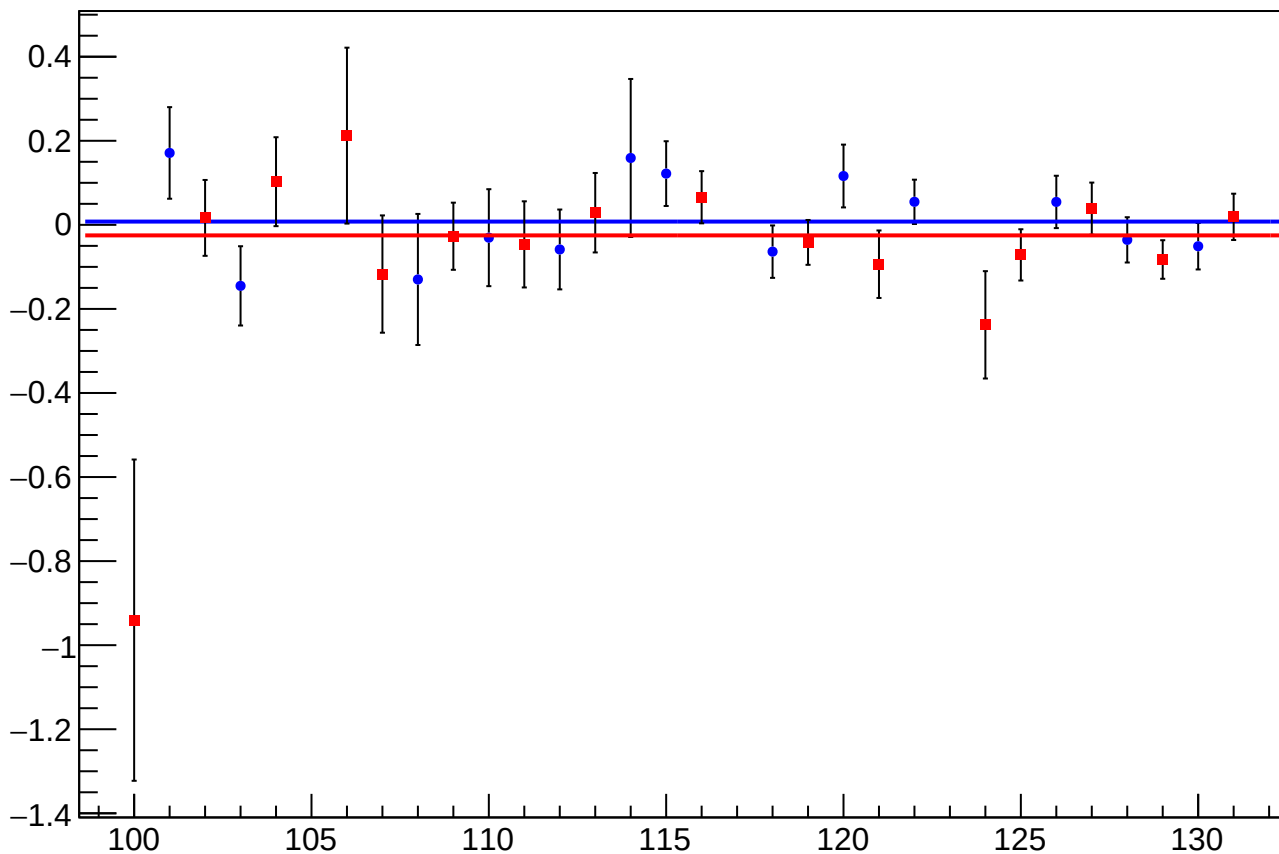
Right: 0.000+/-0.000 χ^2/NDF : 1317861.8/28

In: 0.000+/-0.000 χ^2/NDF : 723040.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1317861.8/28

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.021 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.019 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

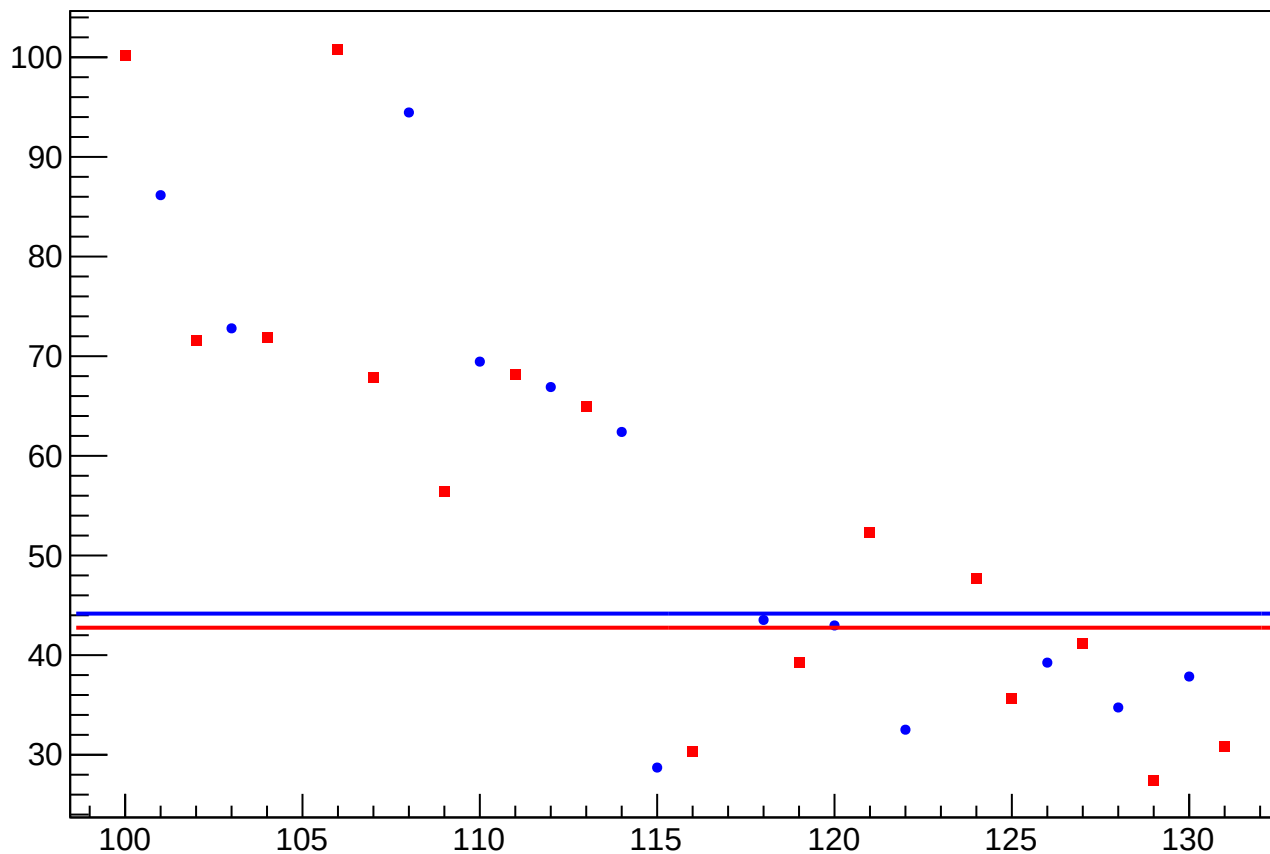
Right: -0.010+/-0.014 χ^2/NDF : 36.1/28

In: 0.008+/-0.021 χ^2/NDF : 15.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.014 χ^2/NDF : 36.1/28

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1377038.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

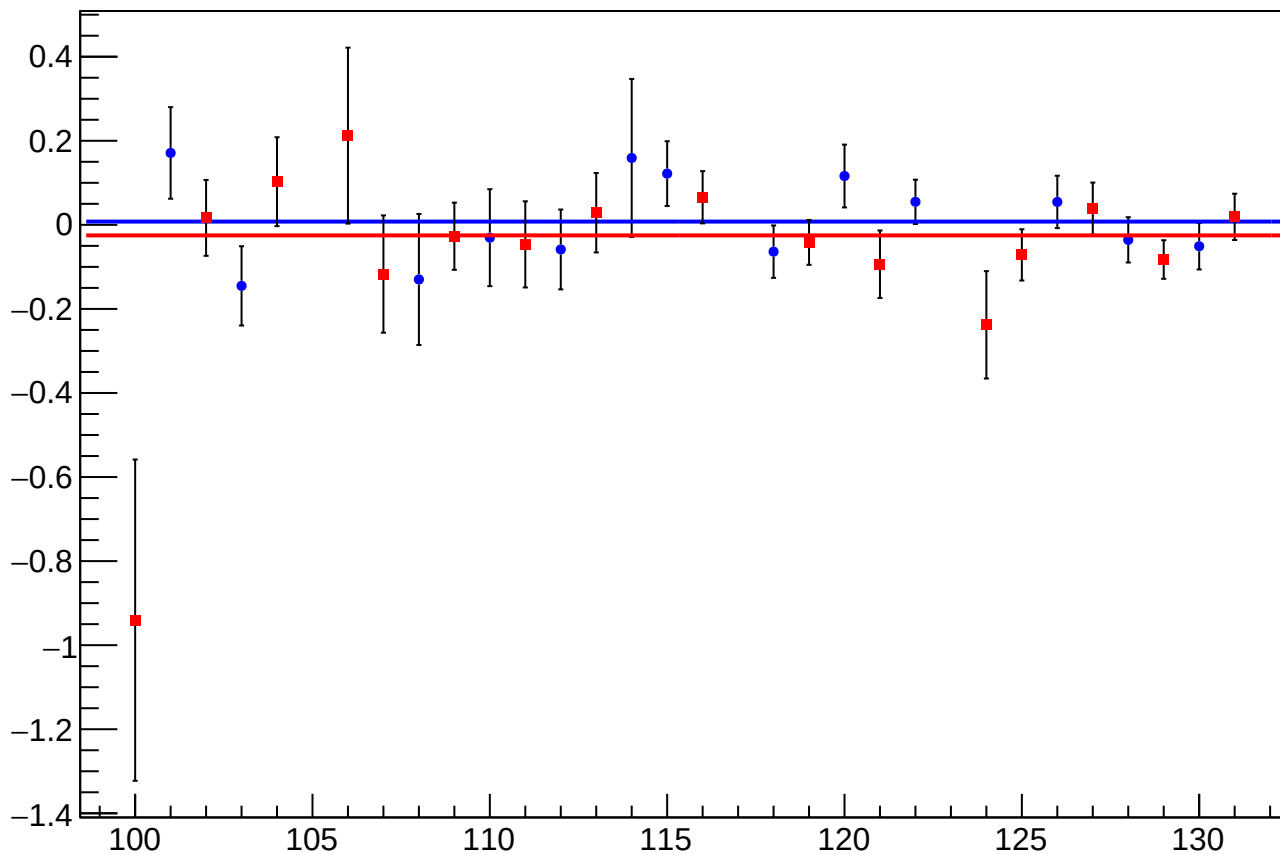
Right: 43.397+/-0.010 χ^2/NDF : 2579972.3/28

In: 44.168+/-0.015 χ^2/NDF :1197808.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.397+/-0.010 χ^2/NDF : 2579972.3/28

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

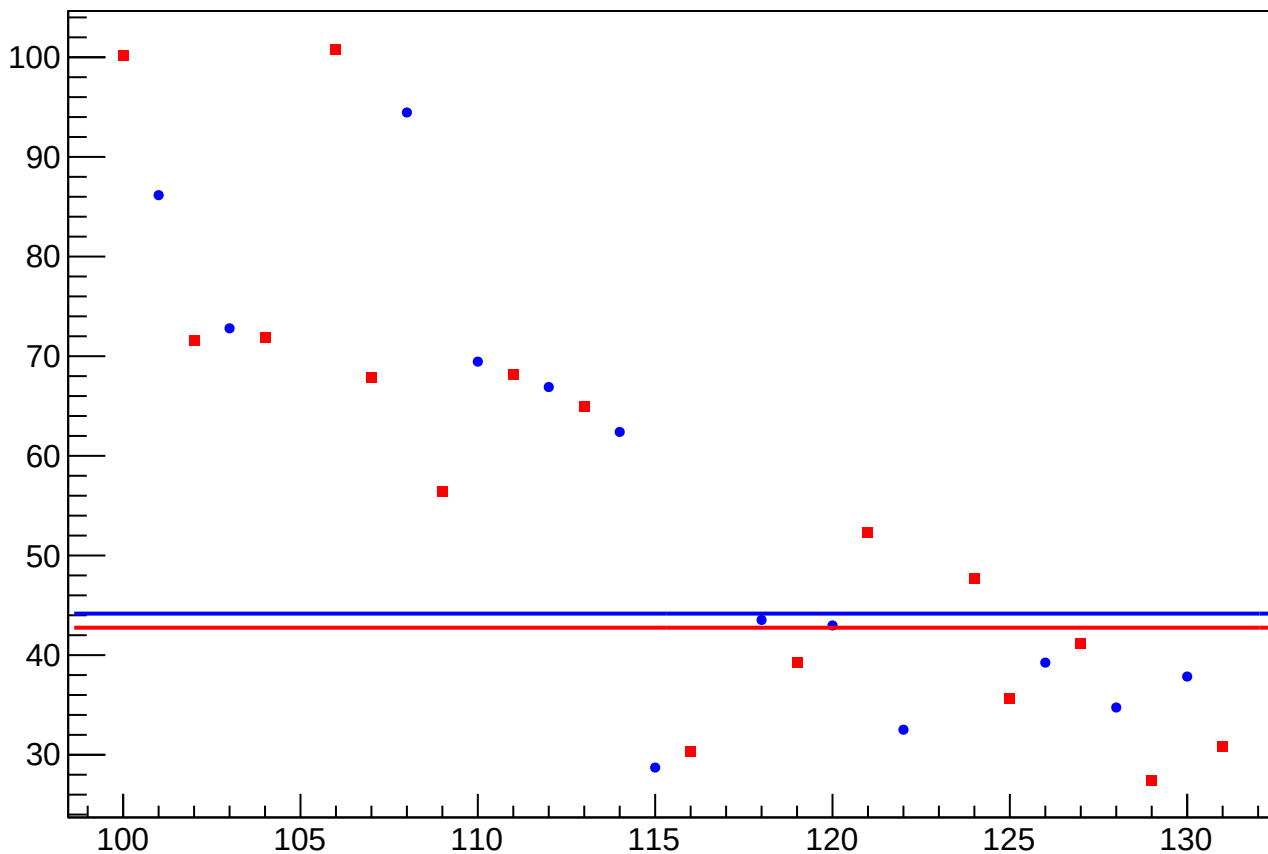
Right: -0.010 $\pm$ 0.014 χ^2 /NDF: 36.1/28

In: 0.008 $\pm$ 0.021 χ^2 /NDF:15.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.014 χ^2 /NDF: 36.1/28

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1377038.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

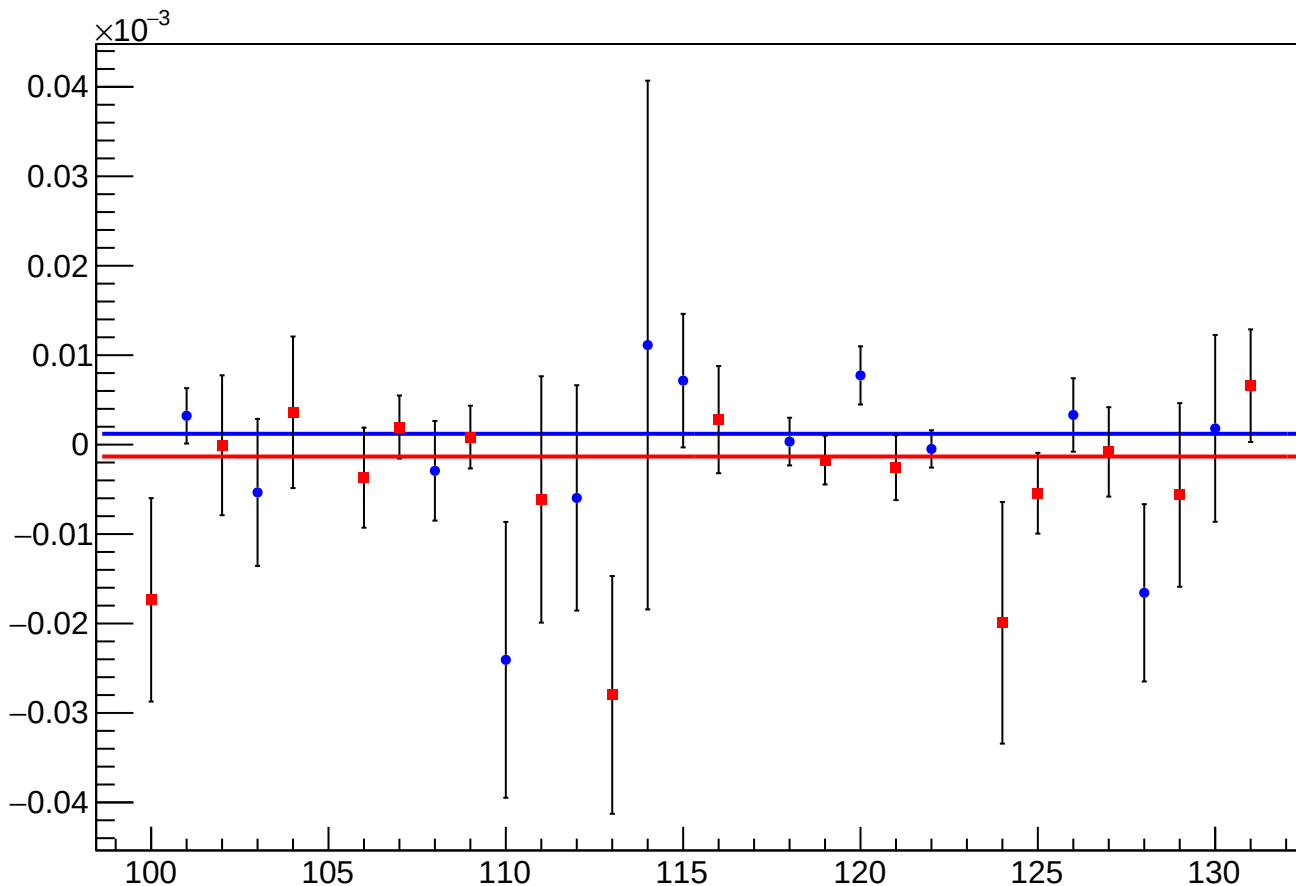
Right: 43.397+/-0.010 χ^2/NDF : 2579972.3/28

In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.397+/-0.010 χ^2/NDF : 2579972.3/28

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

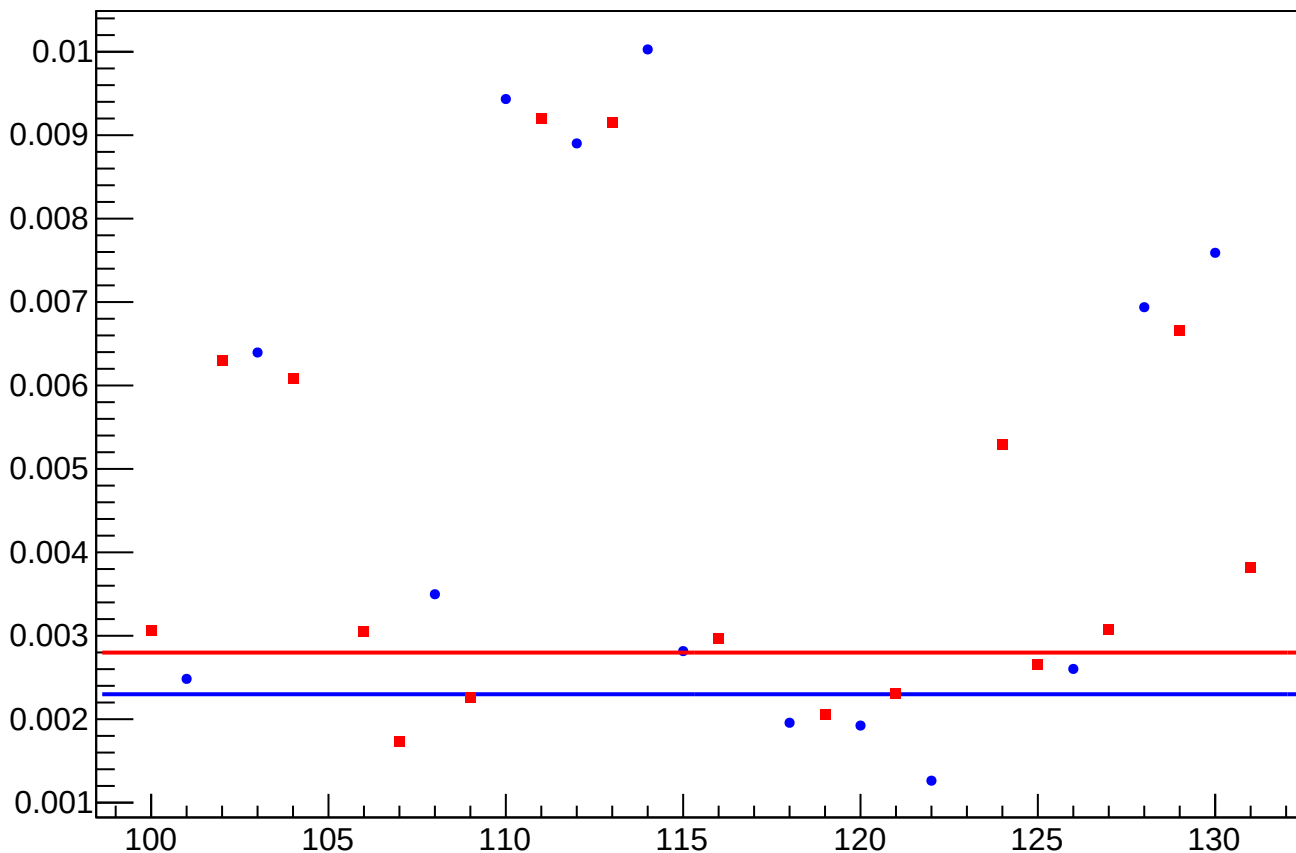
Right: 0.000+/-0.000 χ^2/NDF : 28.8/28

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.8/28

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3236428.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2424056.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

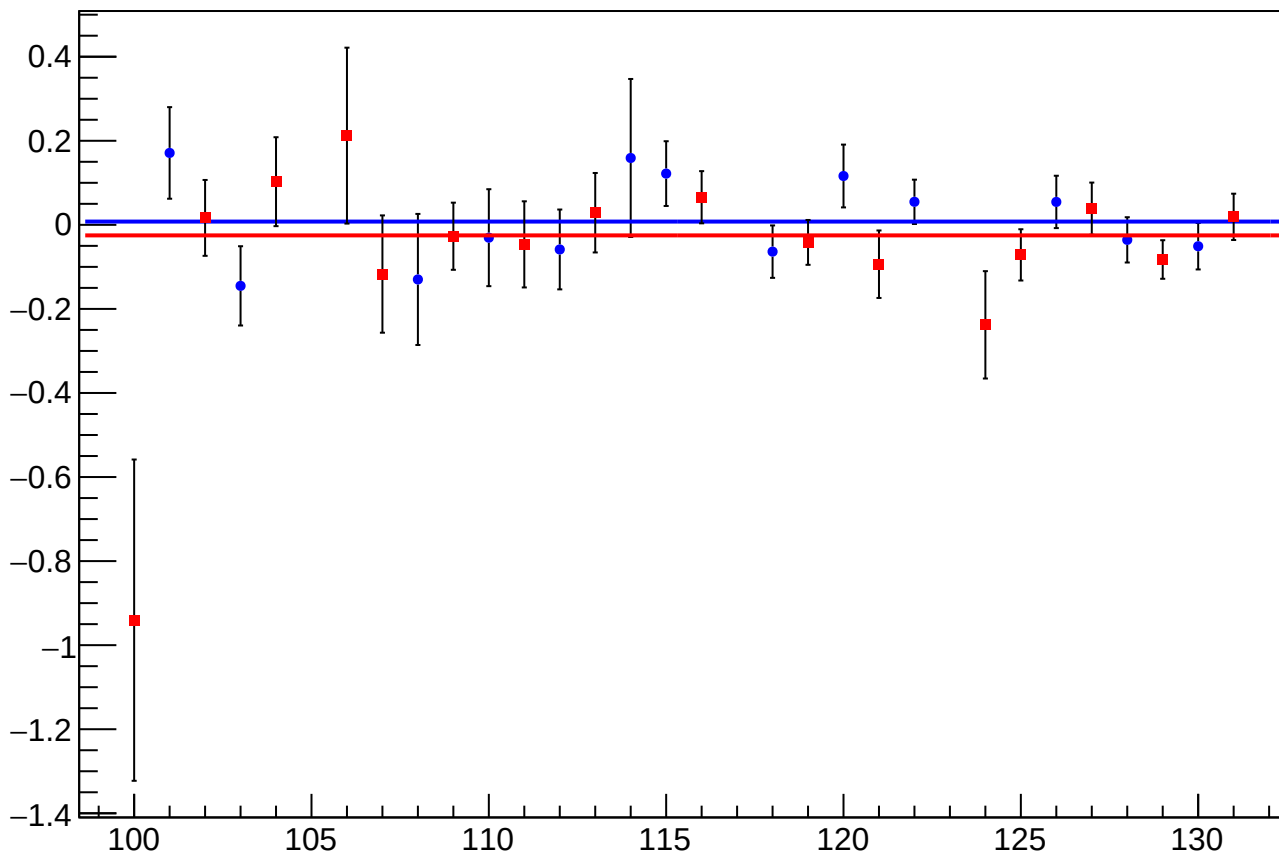
Right: 0.003+/-0.000 χ^2/NDF : 5825818.2/28

In: 0.002+/-0.000 χ^2/NDF :3236428.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5825818.2/28

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.021 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.019 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

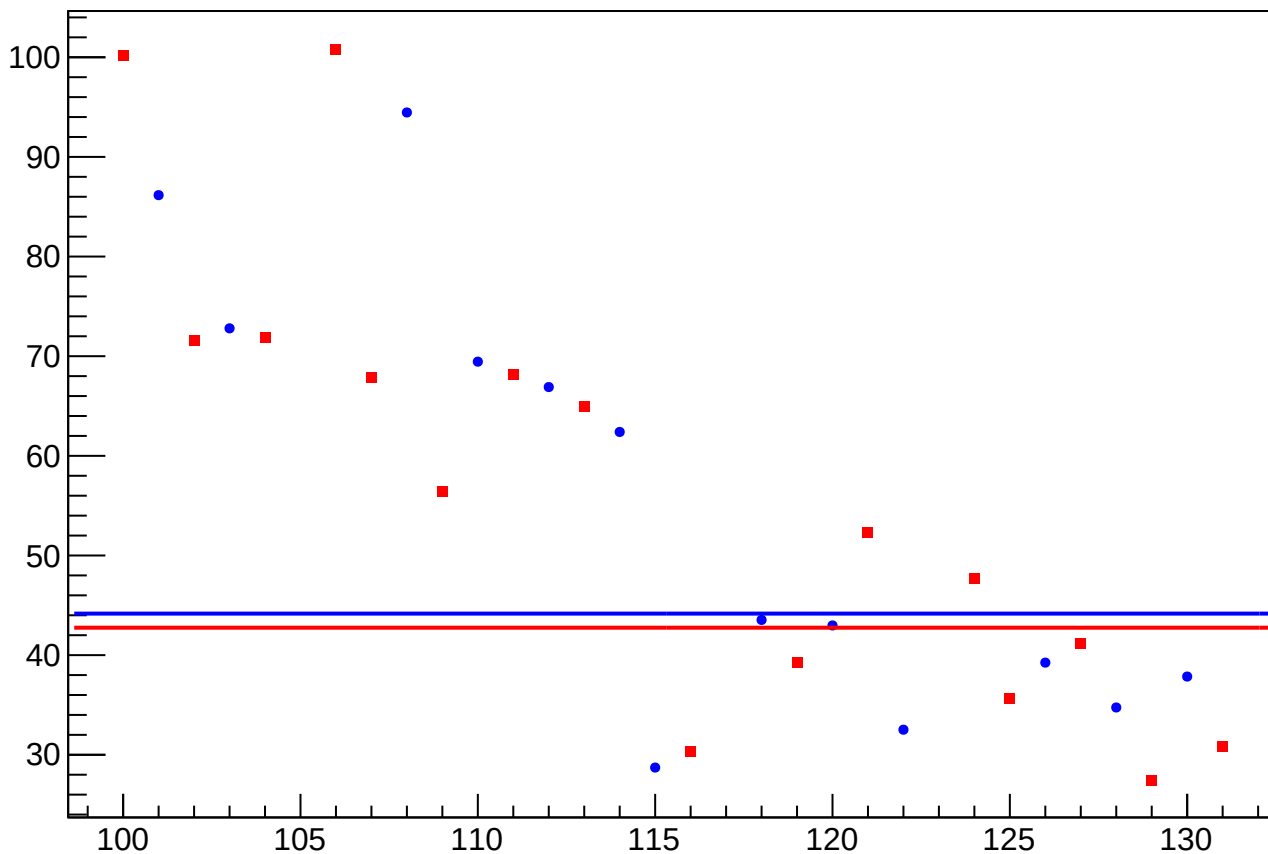
Right: -0.010+/-0.014 χ^2/NDF : 36.1/28

In: 0.008+/-0.021 χ^2/NDF : 15.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.014 χ^2/NDF : 36.1/28

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1376968.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

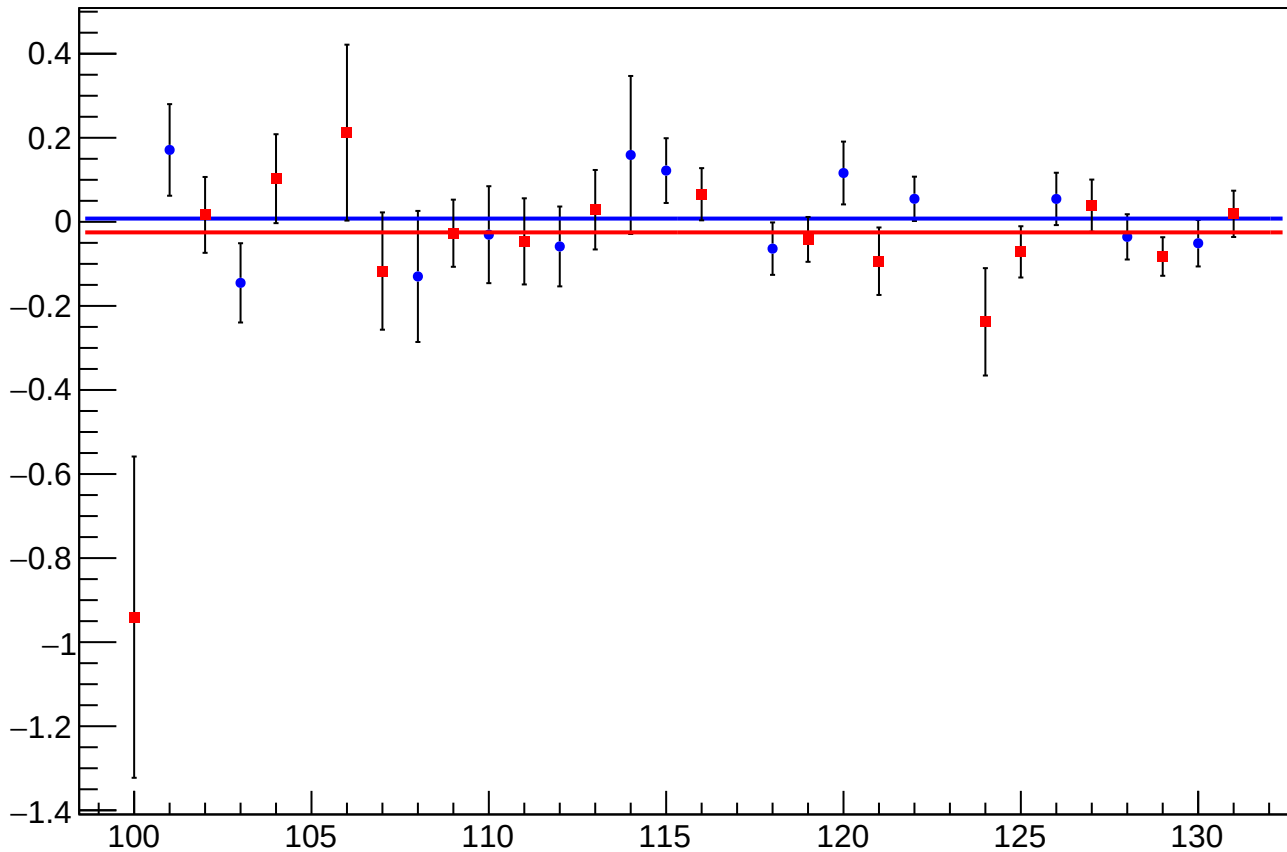
Right: 43.397+/-0.010 χ^2/NDF : 2579857.1/28

In: 44.169+/-0.015 χ^2/NDF :1197766.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.397+/-0.010 χ^2/NDF : 2579857.1/28

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

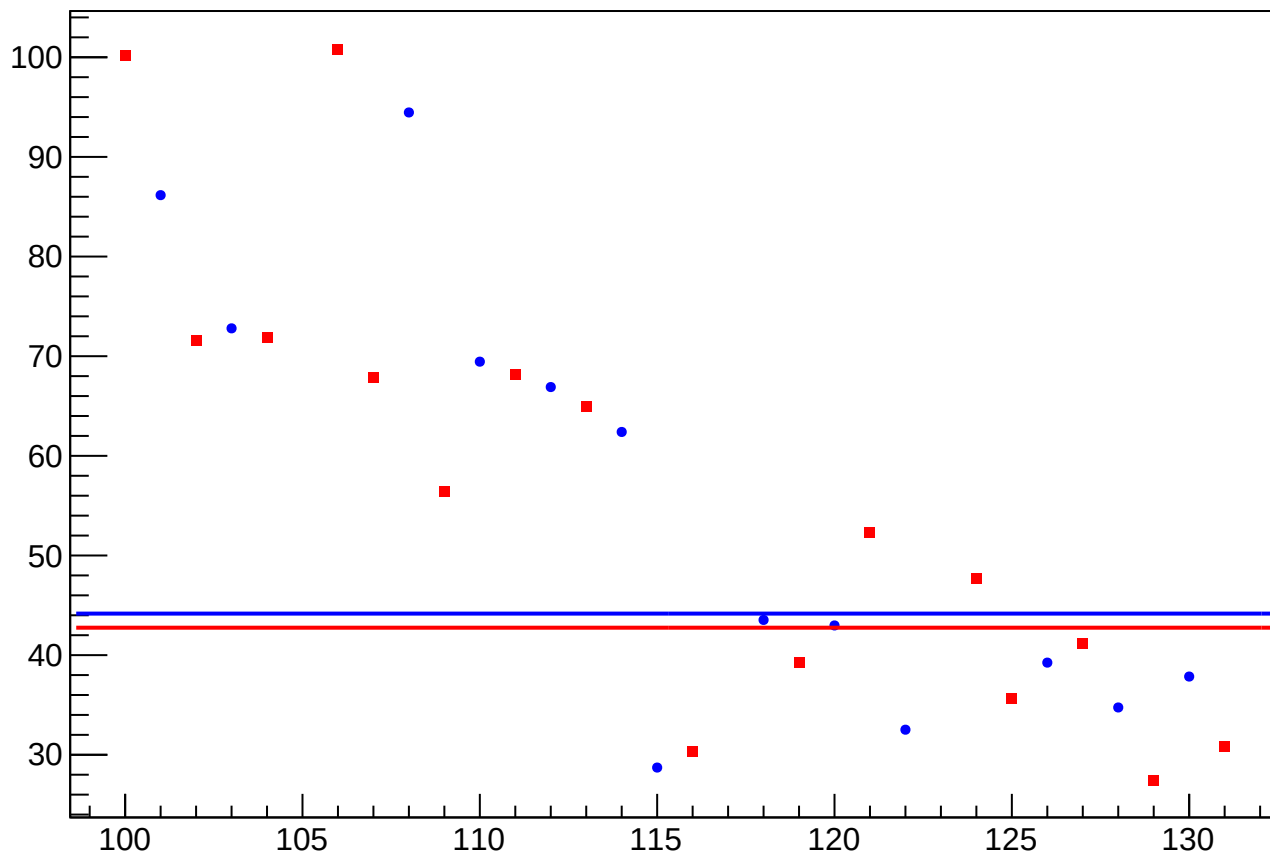
Right: -0.010 $\pm$ 0.014 χ^2 /NDF: 36.1/28

In: 0.008 $\pm$ 0.021 χ^2 /NDF:15.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.014 χ^2 /NDF: 36.1/28

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1376968.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

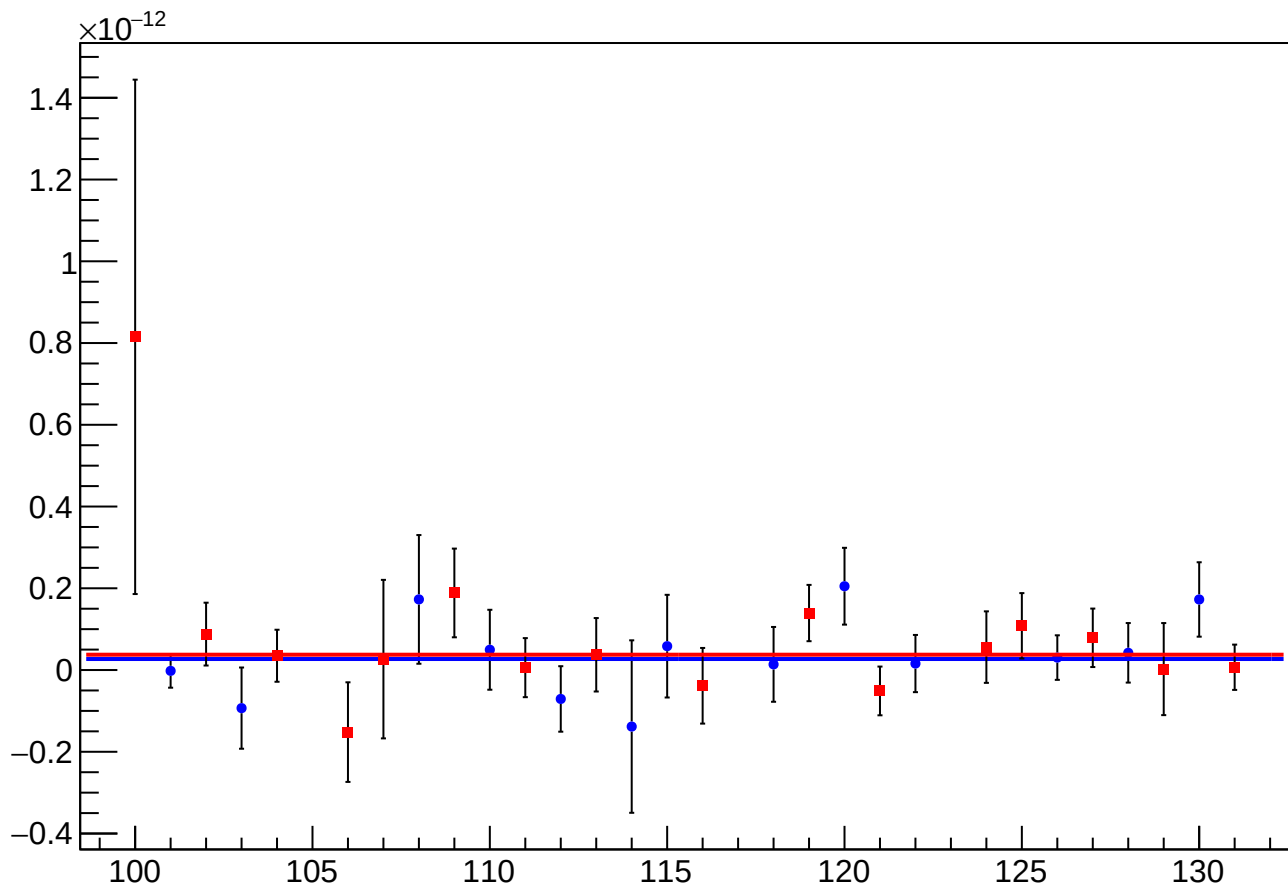
Right: 43.397+/-0.010 χ^2/NDF : 2579857.1/28

In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.397+/-0.010 χ^2/NDF : 2579857.1/28

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

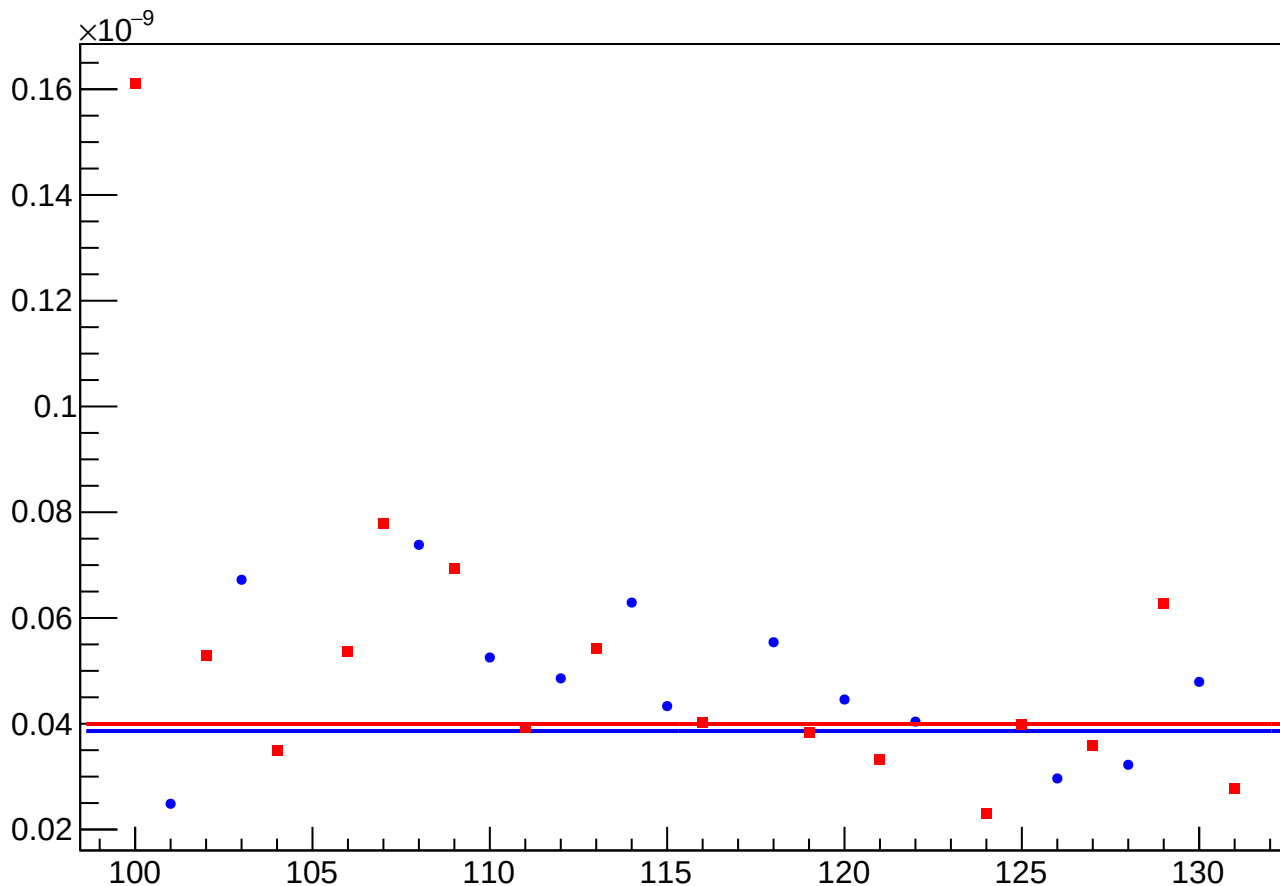
Right: 0.000+/-0.000 χ^2/NDF : 24.6/28

In: 0.000+/-0.000 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.6/28

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 757017.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 729516.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

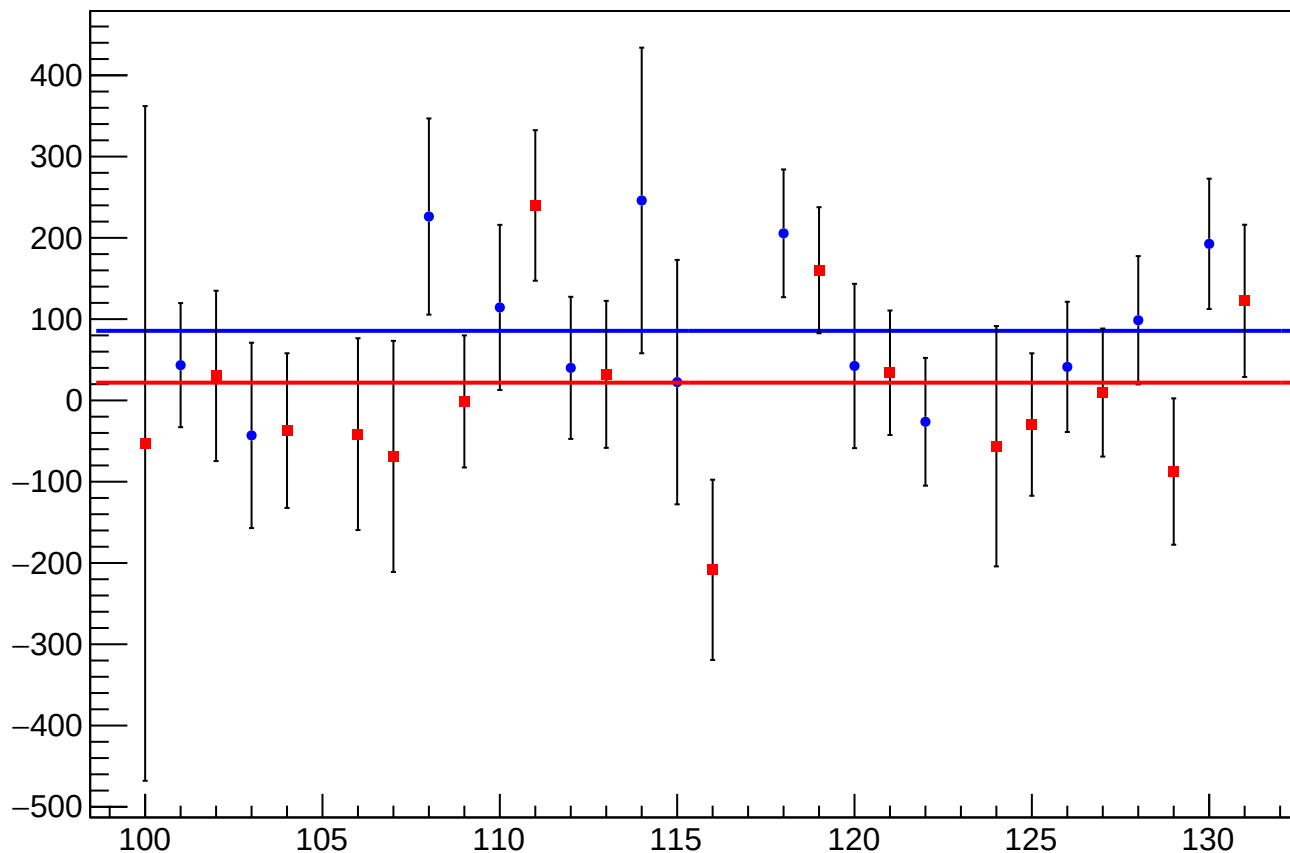
Right: 0.000+/-0.000 χ^2/NDF : 1490567.8/28

In: 0.000+/-0.000 χ^2/NDF : 757017.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1490567.8/28

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 85.610 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.869 $\pm$ 24.170 χ^2 /NDF: 17.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

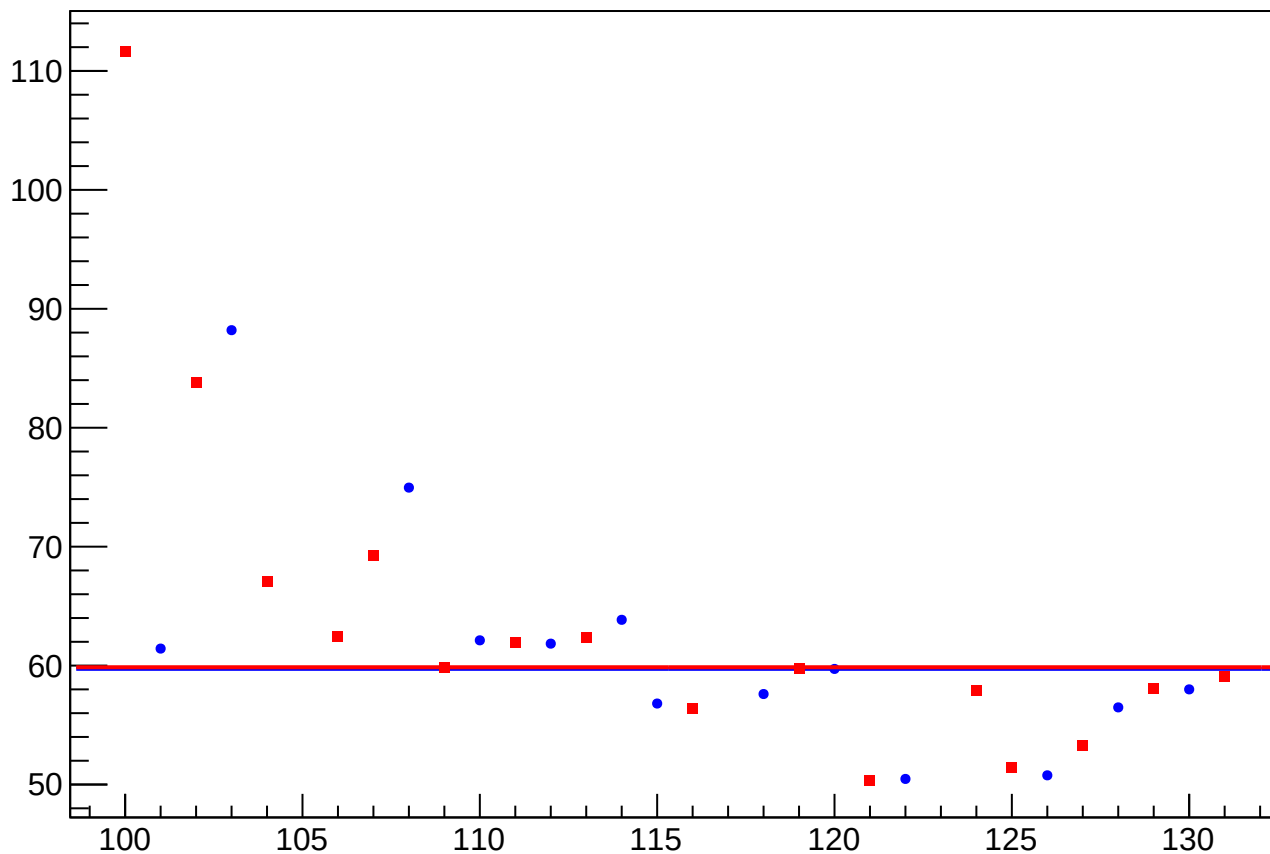
Right: 51.756 $\pm$ 17.615 χ^2 /NDF: 31.7/28

In: 85.610 $\pm$ 25.725 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.756 $\pm$ 17.615 χ^2 /NDF: 31.7/28

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.727+/-0.018 χ^2/NDF : 220050.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 59.861+/-0.017 χ^2/NDF : 225797.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

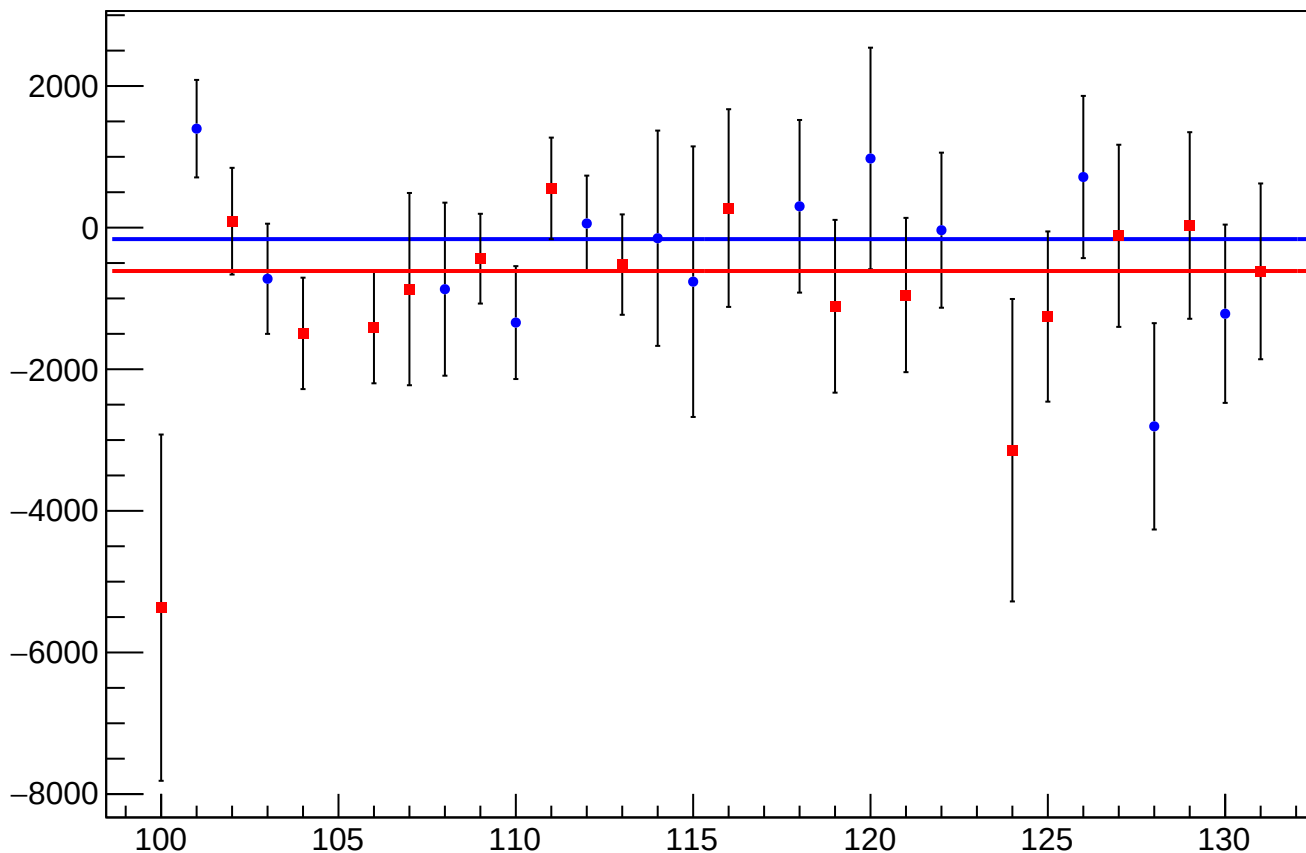
Right: 59.798+/-0.012 χ^2/NDF : 445877.2/28

In: 59.727+/-0.018 χ^2/NDF :220050.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.798+/-0.012 χ^2/NDF : 445877.2/28

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -162.124 ± 280.835 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -612.647 ± 243.434 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

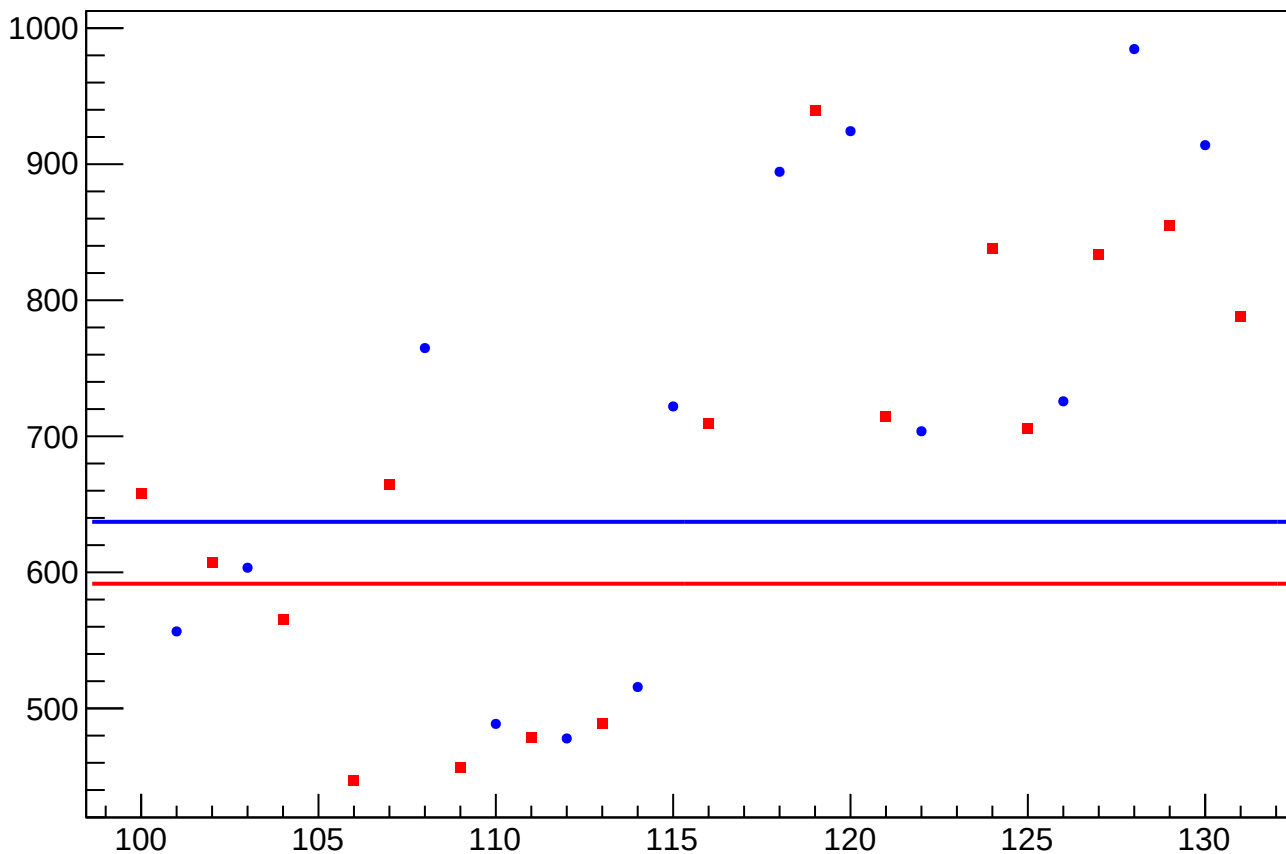
Right: -419.363 ± 183.946 χ^2/NDF : 27.6/28

In: -162.124 ± 280.835 χ^2/NDF : 13.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -419.363 ± 183.946 χ^2/NDF : 27.6/28

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 637.139+/-0.199 χ^2/NDF : 636317.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.631+/-0.172 χ^2/NDF : 707008.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

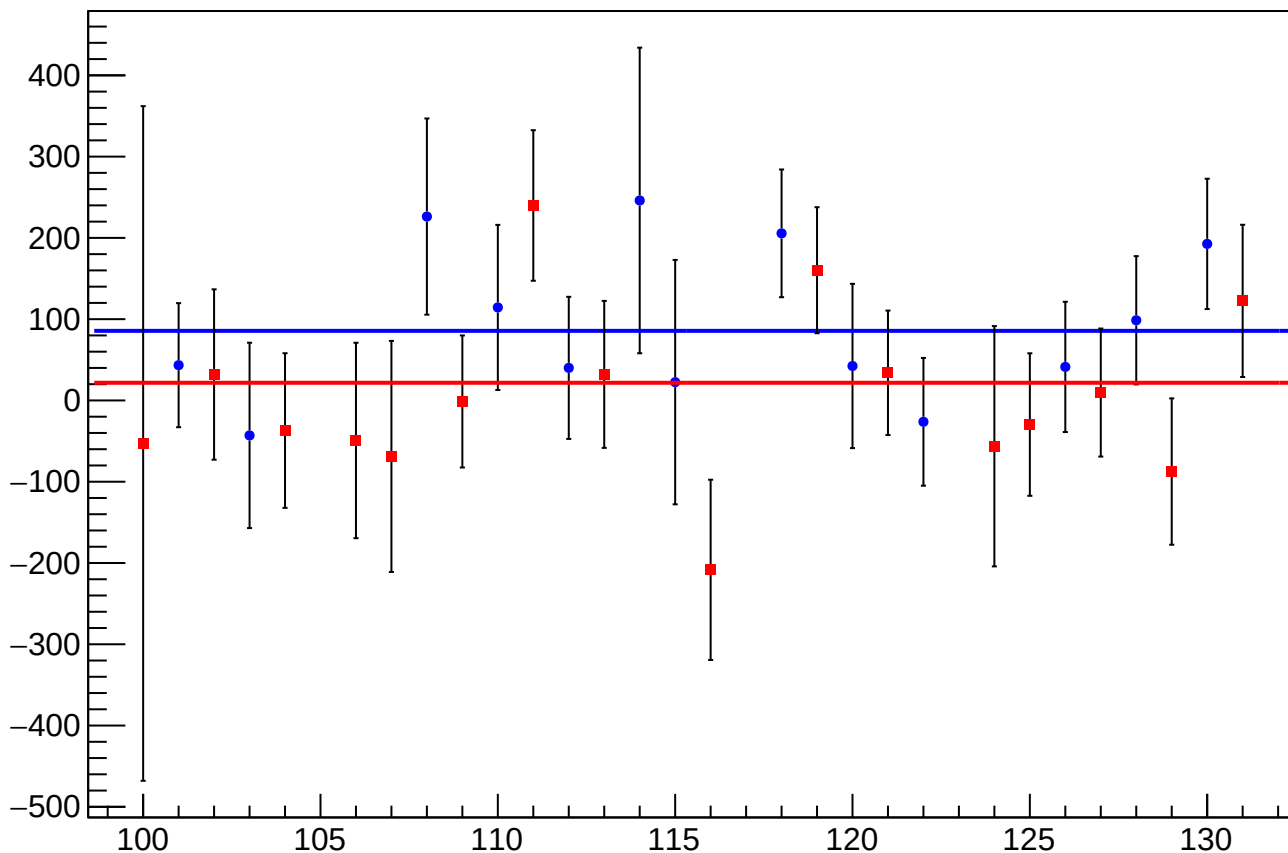
Right: 611.155+/-0.130 χ^2/NDF : 1373312.2/28

In: 637.139+/-0.199 χ^2/NDF : 636317.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.155+/-0.130 χ^2/NDF : 1373312.2/28

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 85.618 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.751 $\pm$ 24.189 χ^2 /NDF: 17.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

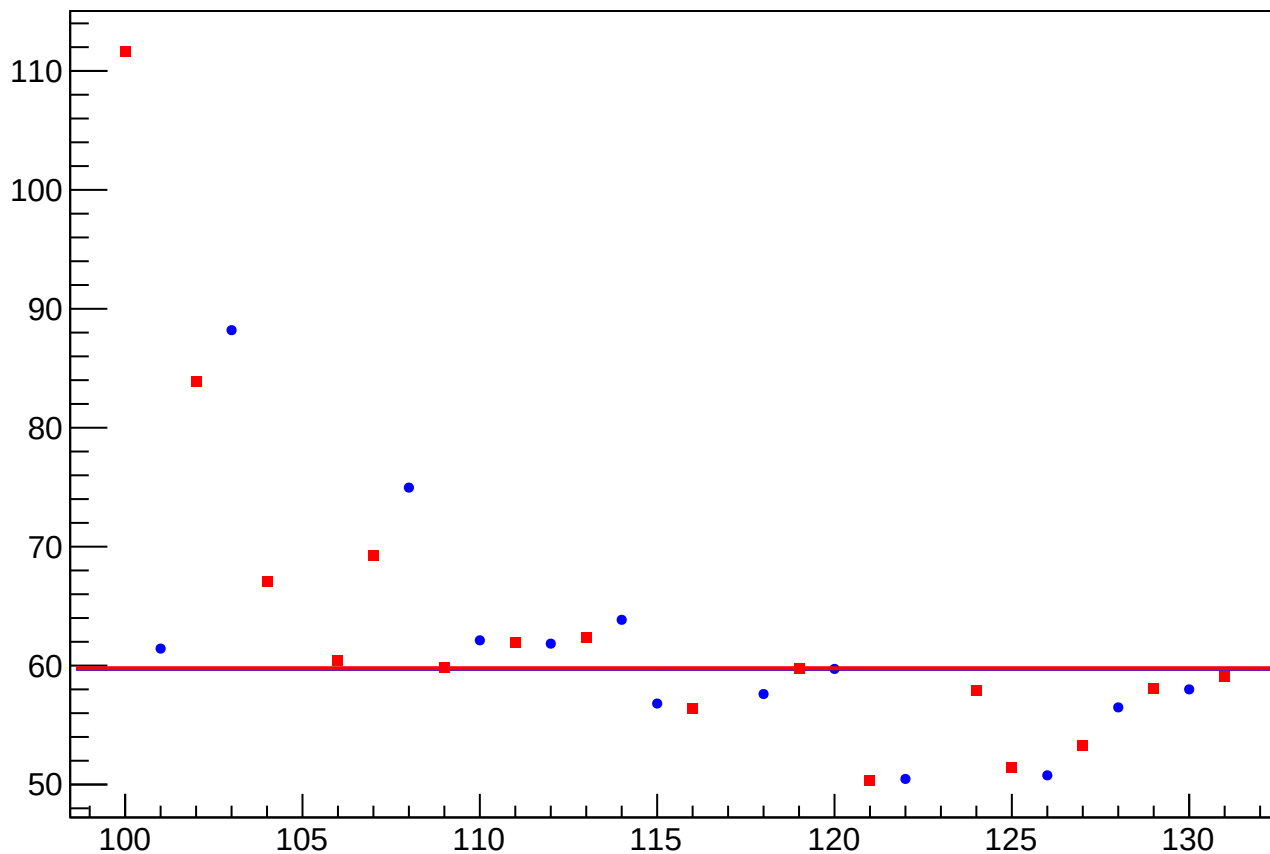
Right: 51.722 $\pm$ 17.622 χ^2 /NDF: 31.7/28

In: 85.618 $\pm$ 25.725 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.722 $\pm$ 17.622 χ^2 /NDF: 31.7/28

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.775+/-0.017 χ^2/NDF : 225072.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

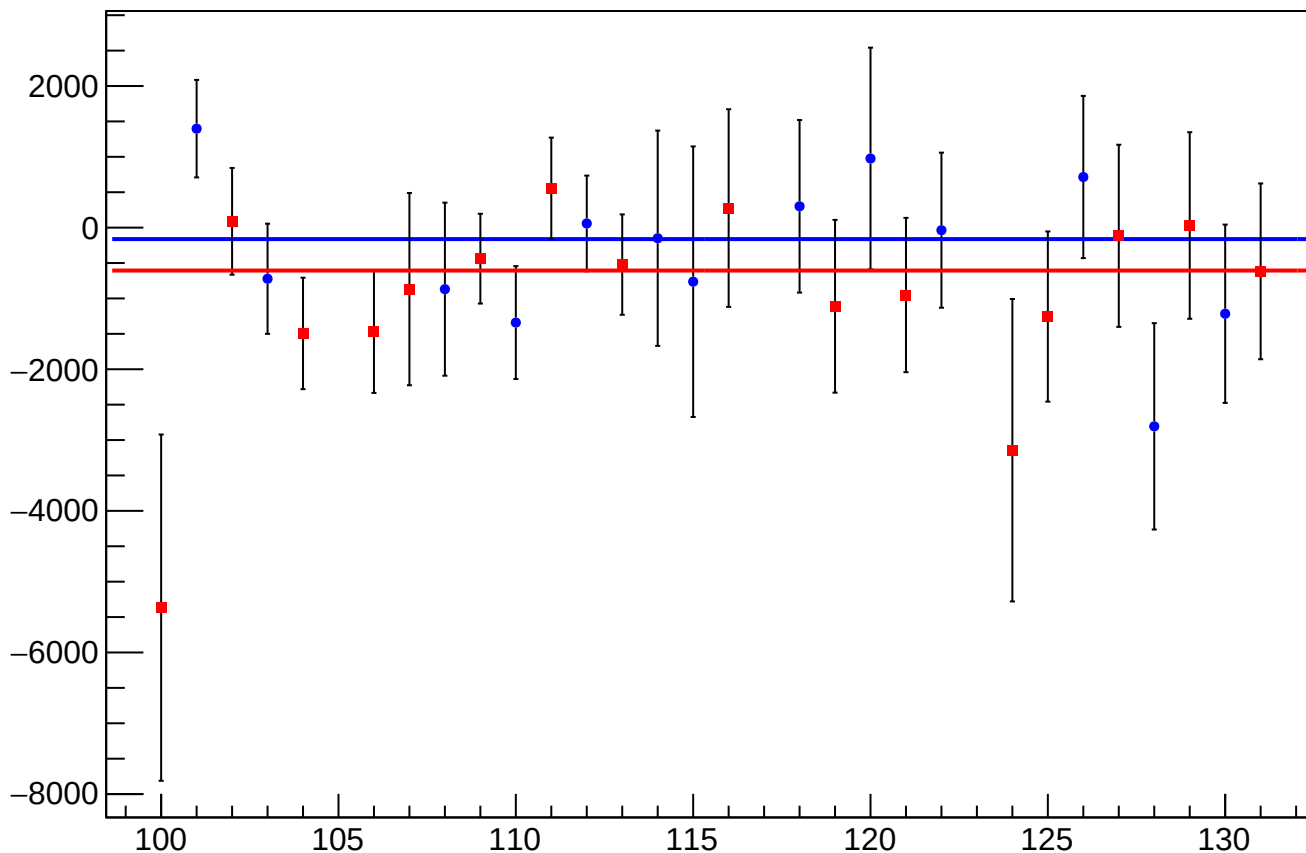
Right: 59.752+/-0.012 χ^2/NDF : 445129.9/28

In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.752+/-0.012 χ^2/NDF : 445129.9/28

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.076 ± 280.838 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -606.040 ± 245.294 χ^2/NDF : 12.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

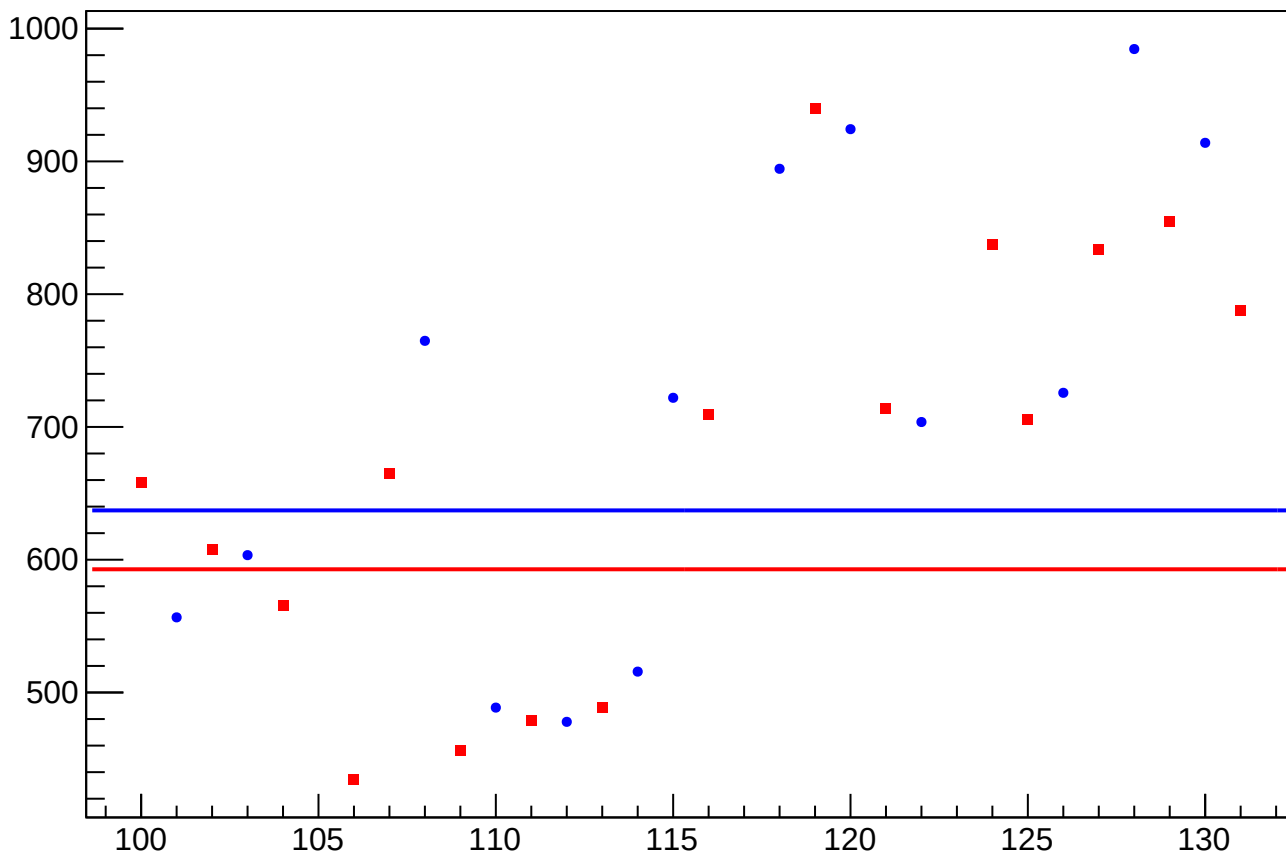
Right: -413.914 ± 184.746 χ^2/NDF : 27.5/28

In: -162.076 ± 280.838 χ^2/NDF : 13.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -413.914 ± 184.746 χ^2/NDF : 27.5/28

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.790+/-0.173 χ^2/NDF : 707171.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

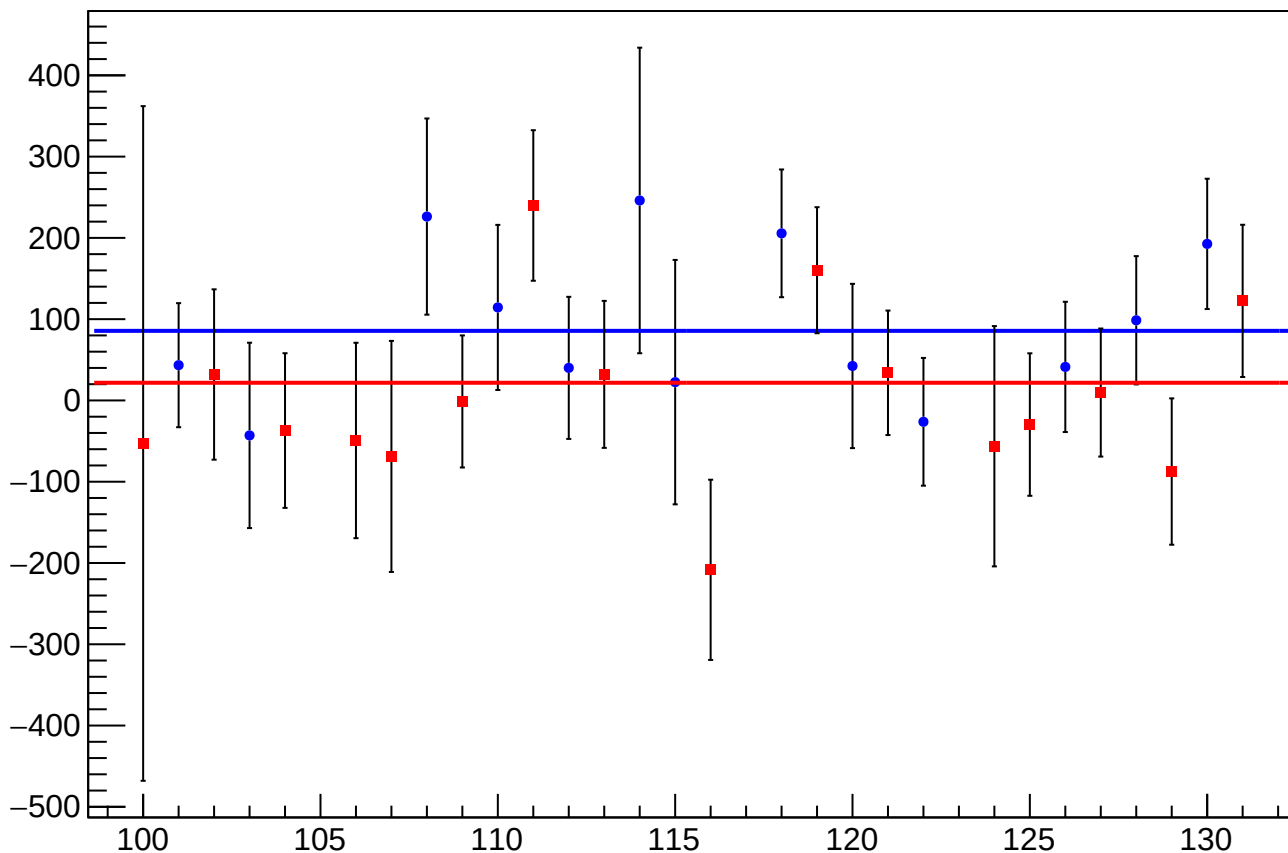
Right: 611.985+/-0.131 χ^2/NDF : 1371779.1/28

In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.985+/-0.131 χ^2/NDF : 1371779.1/28

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 85.618 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.751 $\pm$ 24.189 χ^2 /NDF: 17.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

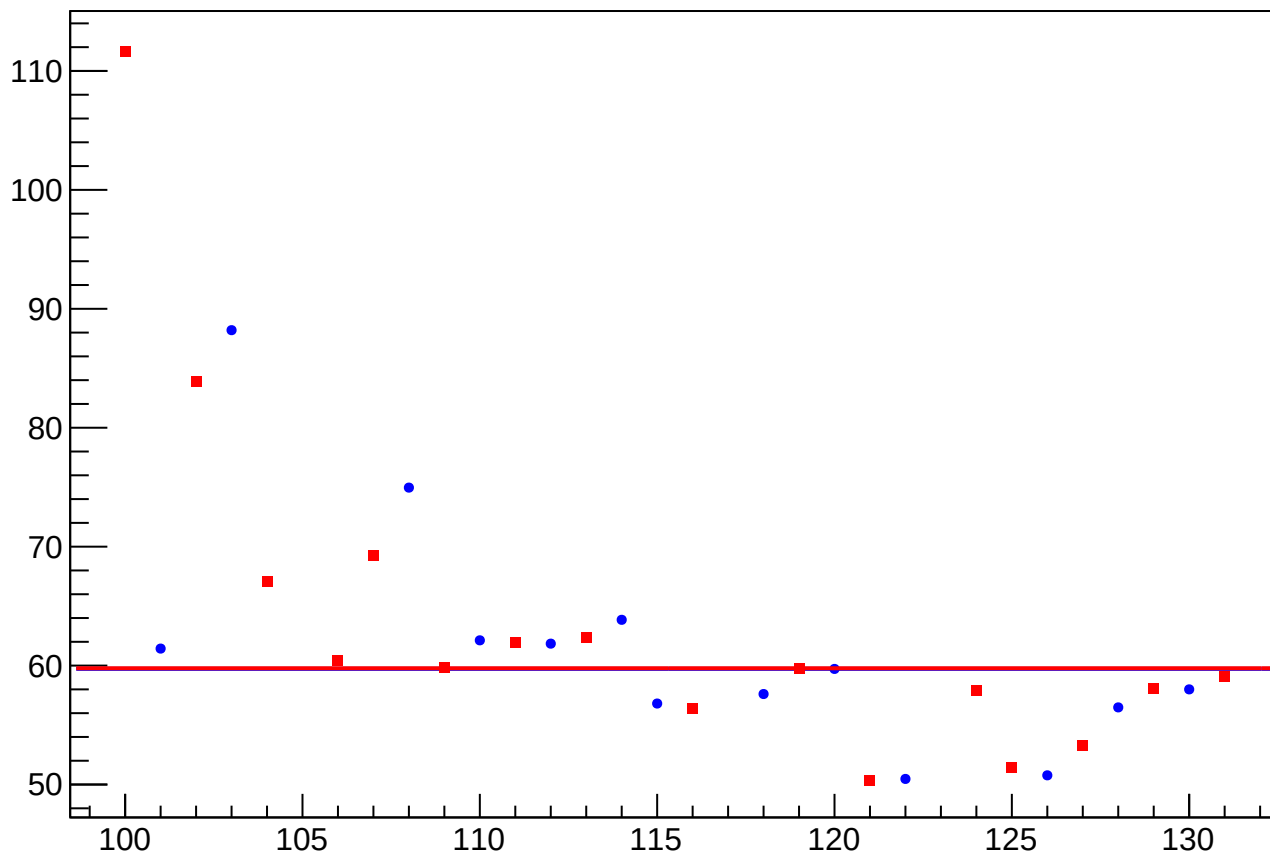
Right: 51.722 $\pm$ 17.622 χ^2 /NDF: 31.7/28

In: 85.618 $\pm$ 25.725 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.722 $\pm$ 17.622 χ^2 /NDF: 31.7/28

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.775+/-0.017 χ^2/NDF : 225072.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

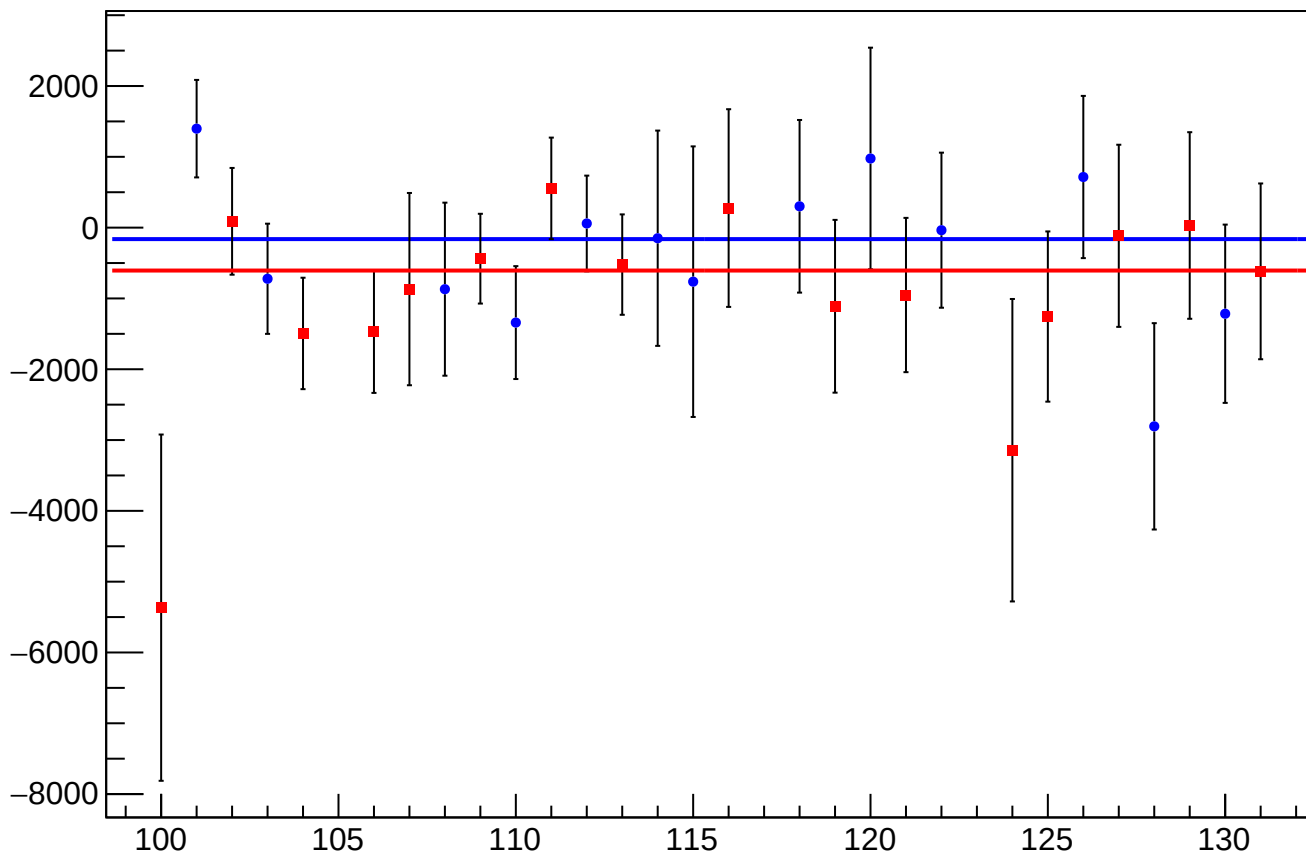
Right: 59.752+/-0.012 χ^2/NDF : 445129.9/28

In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.752+/-0.012 χ^2/NDF : 445129.9/28

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.076+/-280.838 χ^2 /NDF: 13.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -606.040+/-245.294 χ^2 /NDF: 12.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

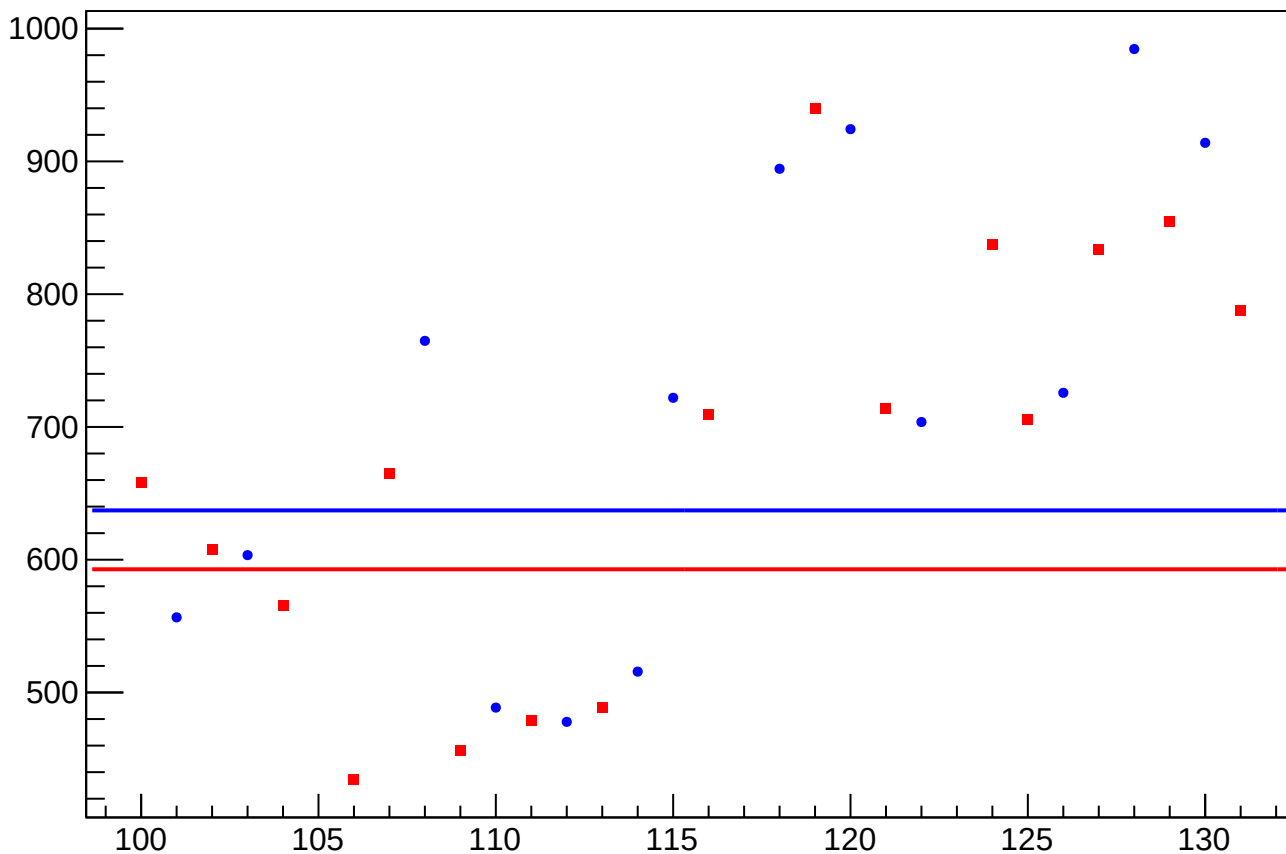
Right: -413.914+/-184.746 χ^2 /NDF: 27.5/28

In: -162.076+/-280.838 χ^2 /NDF:13.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -413.914+/-184.746 χ^2 /NDF: 27.5/28

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.790+/-0.173 χ^2/NDF : 707171.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

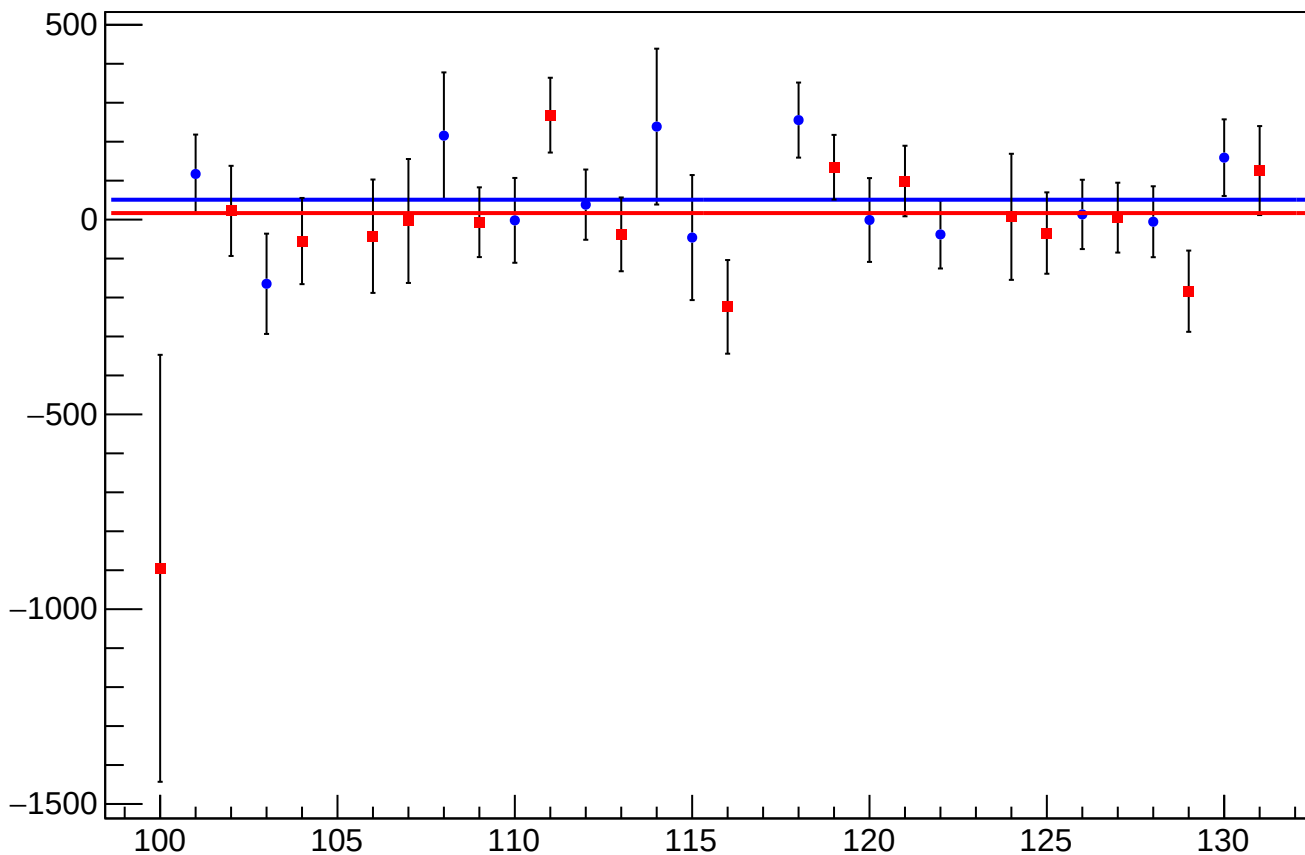
Right: 611.985+/-0.131 χ^2/NDF : 1371779.1/28

In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.985+/-0.131 χ^2/NDF : 1371779.1/28

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.050+/-29.581 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.759+/-27.212 χ^2/NDF : 22.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

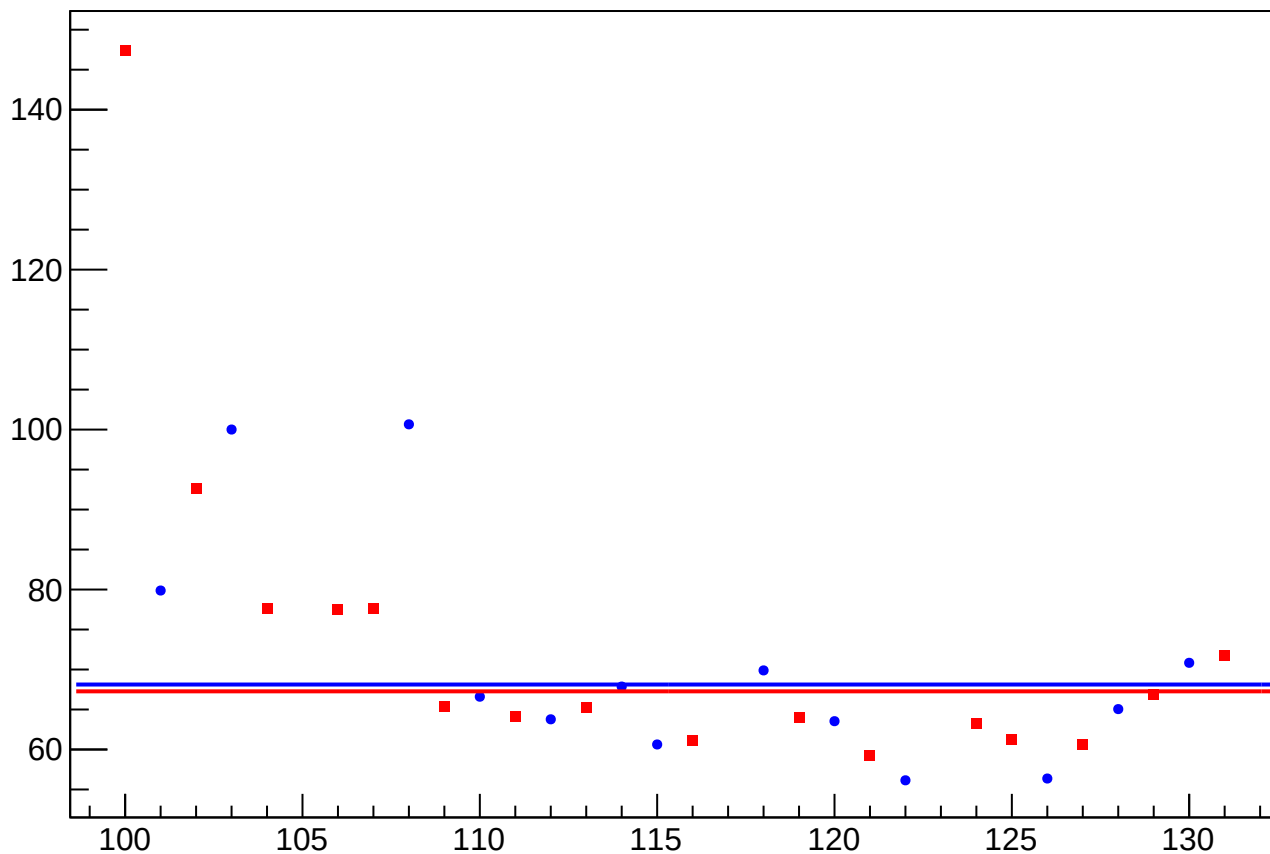
Right: 32.476+/-20.027 χ^2/NDF : 36.4/28

In: 51.050+/-29.581 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.476+/-20.027 χ^2/NDF : 36.4/28

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.124+/-0.021 χ^2/NDF : 319972.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.271+/-0.019 χ^2/NDF : 225188.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

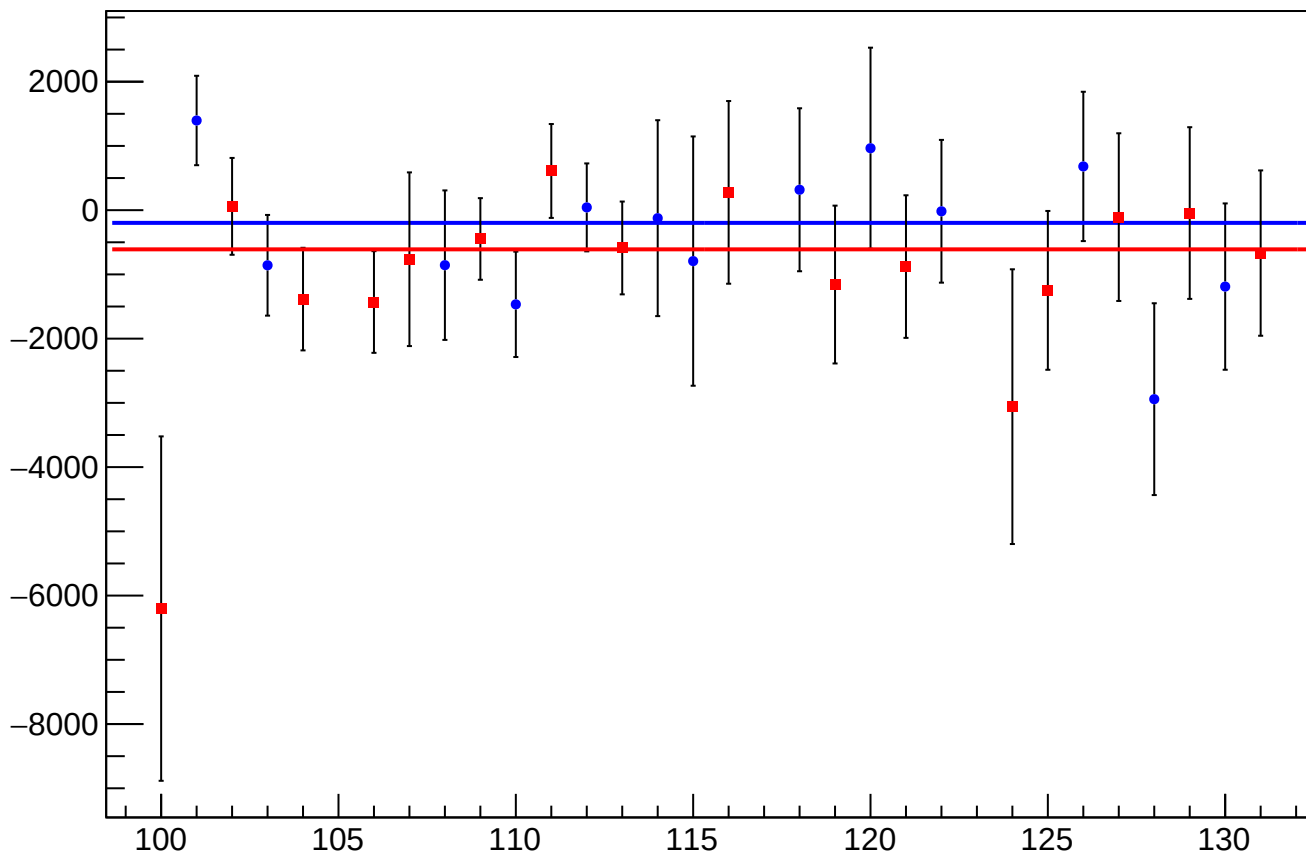
Right: 67.662+/-0.014 χ^2/NDF : 546061.3/28

In: 68.124+/-0.021 χ^2/NDF : 319972.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.662+/-0.014 χ^2/NDF : 546061.3/28

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -197.755 ± 284.313 $\chi^2/\text{NDF}: 14.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -610.026 ± 246.421 $\chi^2/\text{NDF}: 12.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

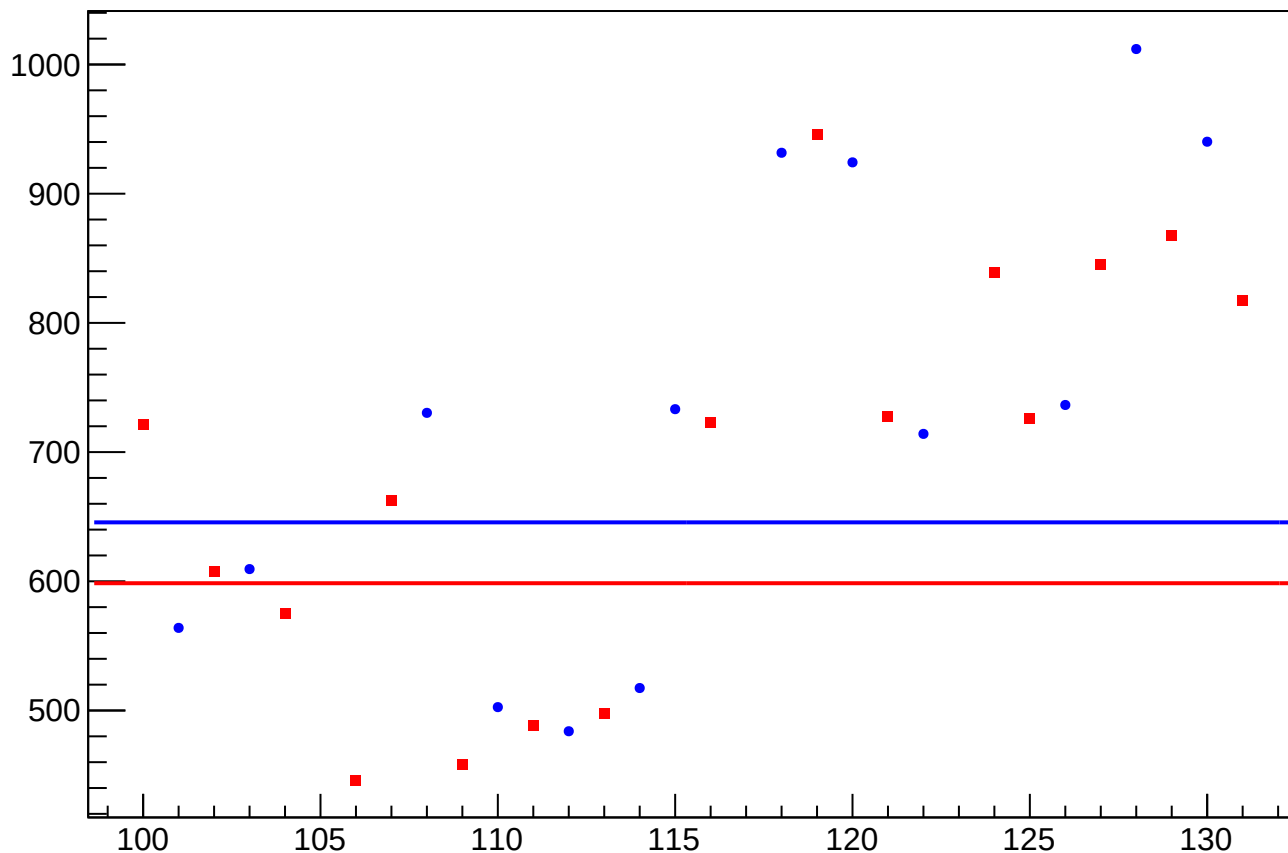
Right: -433.175 ± 186.212 $\chi^2/\text{NDF}: 27.9/28$

In: -197.755 ± 284.313 $\chi^2/\text{NDF}: 14.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -433.175 ± 186.212 $\chi^2/\text{NDF}: 27.9/28$

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 645.619+/-0.201 χ^2/NDF : 641863.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.516+/-0.174 χ^2/NDF : 726204.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

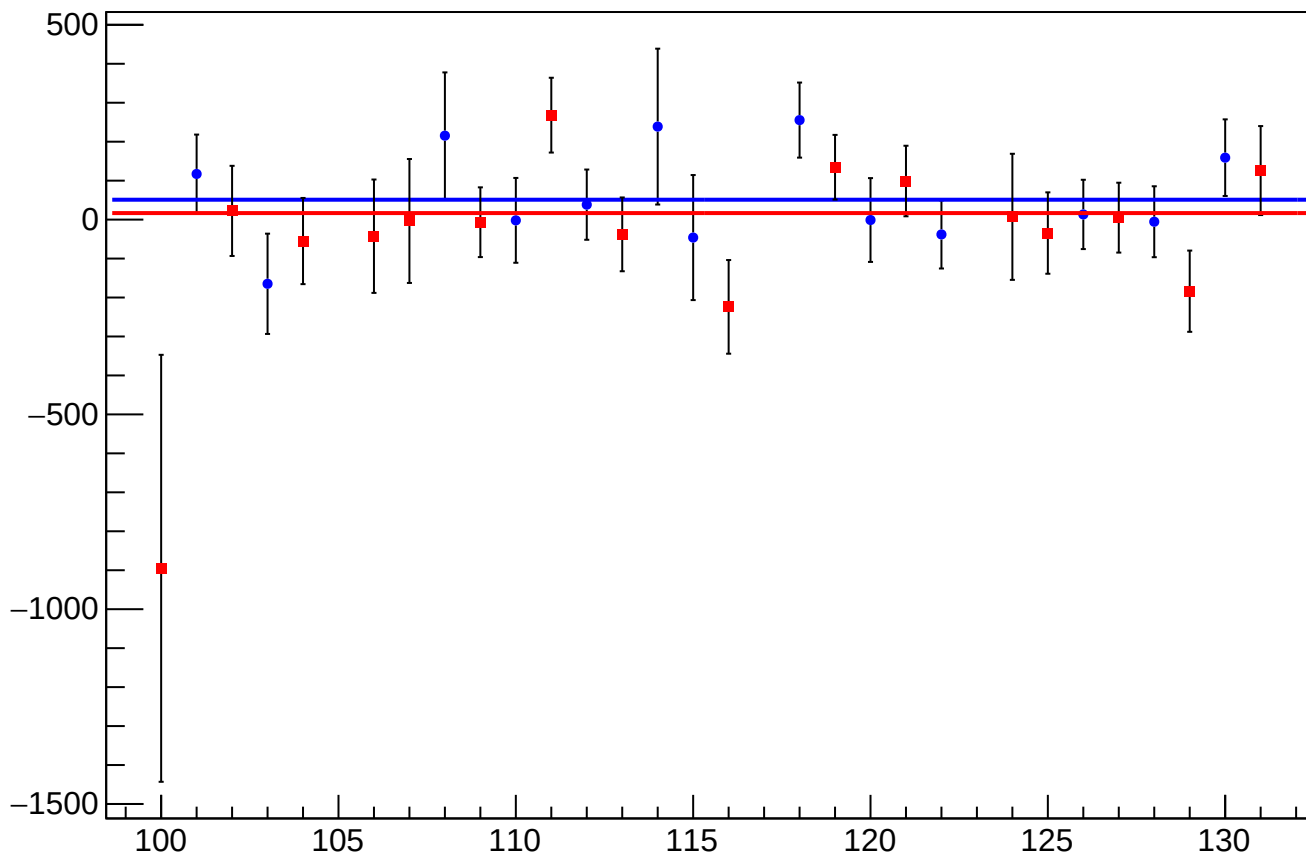
Right: 618.721+/-0.132 χ^2/NDF : 1399415.8/28

In: 645.619+/-0.201 χ^2/NDF : 641863.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.721+/-0.132 χ^2/NDF : 1399415.8/28

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.050 $\pm$ 29.581 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.759 $\pm$ 27.212 χ^2 /NDF: 22.4/15

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

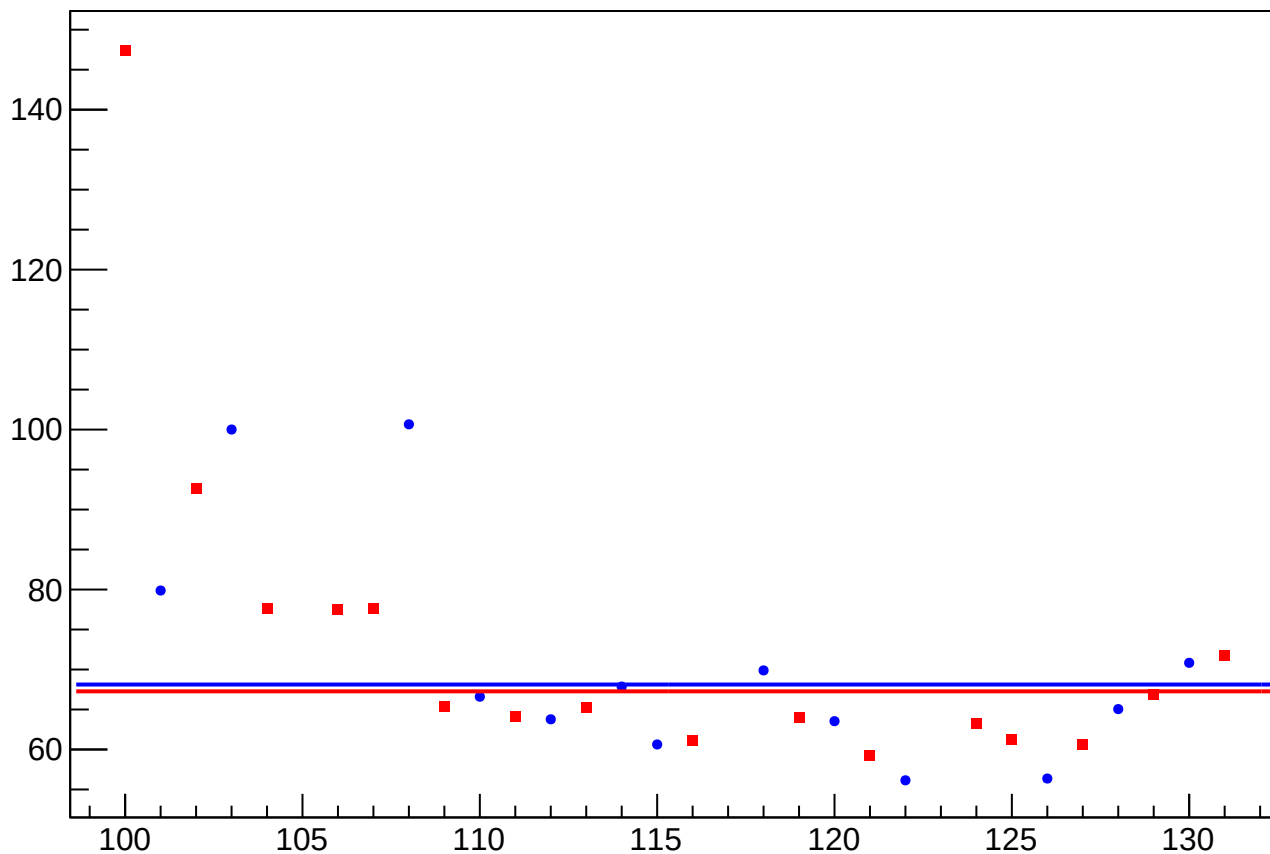
Right: 32.476 $\pm$ 20.027 χ^2 /NDF: 36.4/28

In: 51.050 $\pm$ 29.581 χ^2 /NDF:13.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.476 $\pm$ 20.027 χ^2 /NDF: 36.4/28

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.123+/-0.021 χ^2/NDF : 319977.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.271+/-0.019 χ^2/NDF : 225193.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

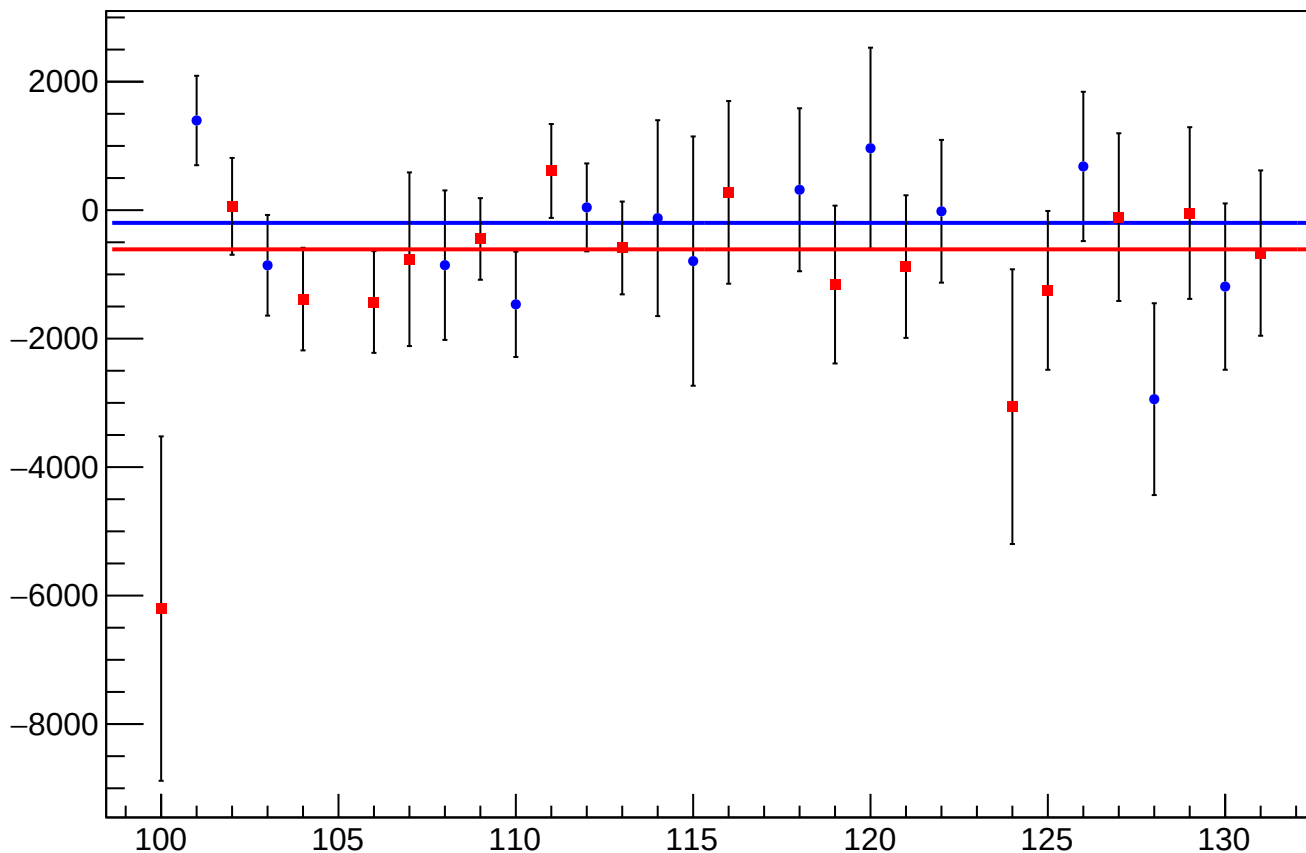
Right: 67.662+/-0.014 χ^2/NDF : 546070.5/28

In: 68.123+/-0.021 χ^2/NDF : 319977.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.662+/-0.014 χ^2/NDF : 546070.5/28

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -197.755 ± 284.312 χ^2/NDF : 14.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -610.025 ± 246.420 χ^2/NDF : 12.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

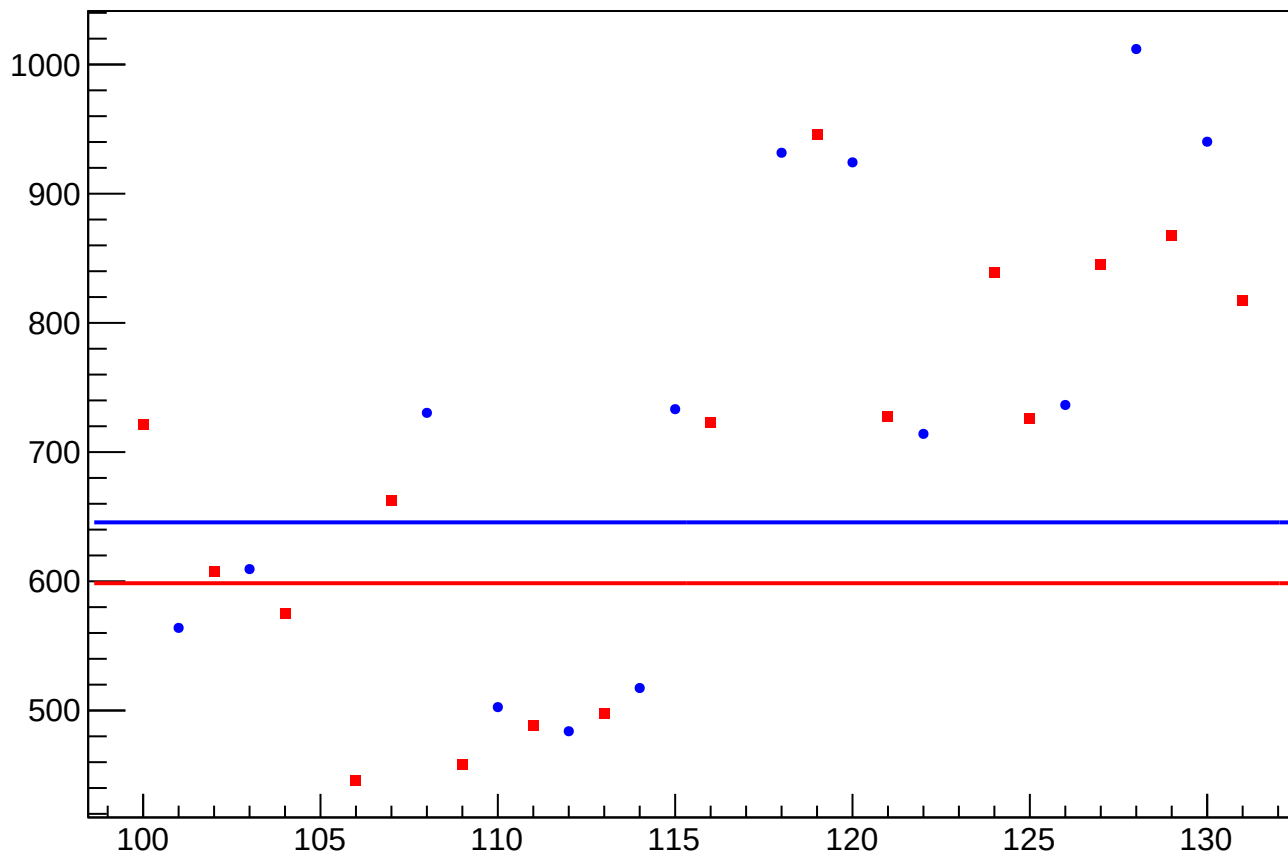
Right: -433.175 ± 186.212 χ^2/NDF : 27.9/28

In: -197.755 ± 284.312 χ^2/NDF : 14.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -433.175 ± 186.212 χ^2/NDF : 27.9/28

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 645.618+/-0.201 χ^2/NDF : 641866.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.515+/-0.174 χ^2/NDF : 726207.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

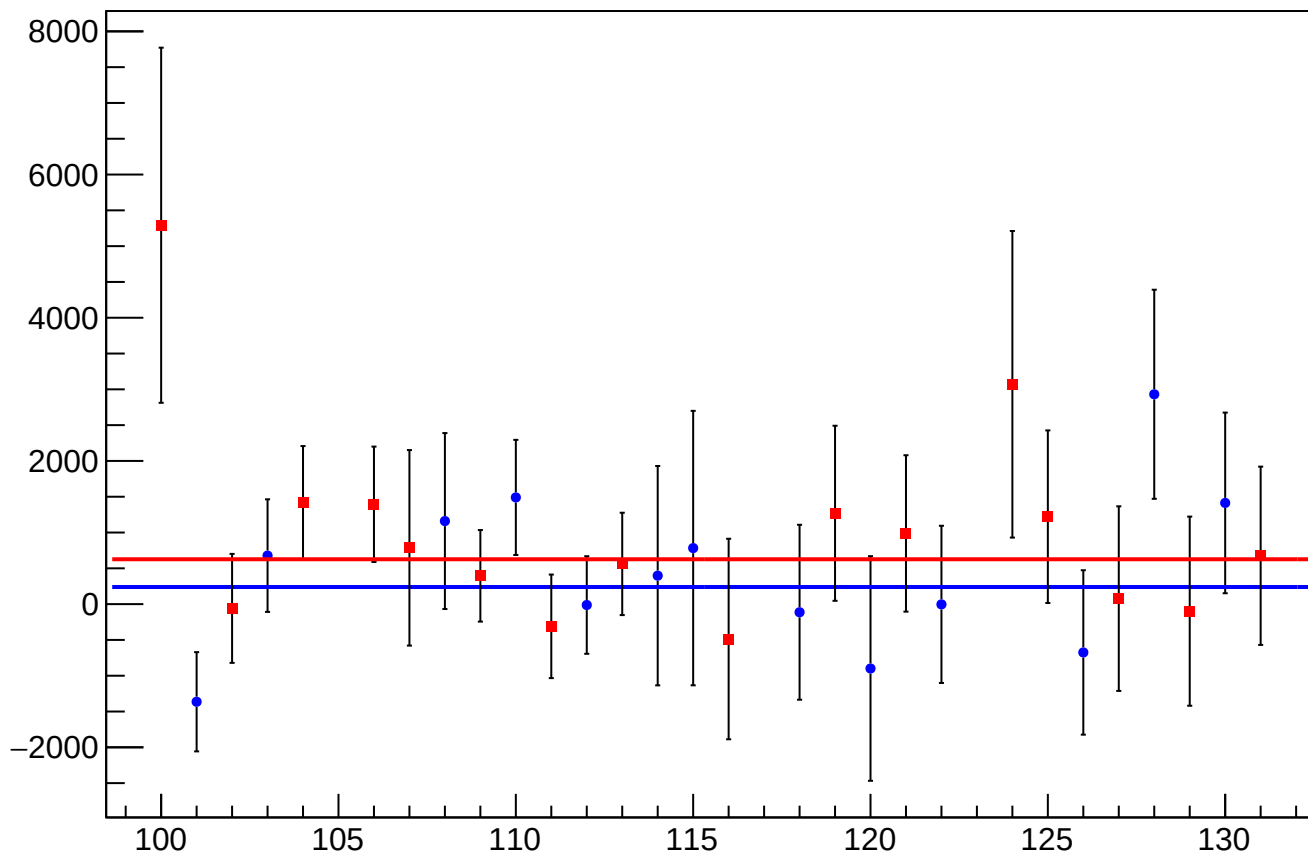
Right: 618.721+/-0.132 χ^2/NDF : 1399421.4/28

In: 645.618+/-0.201 χ^2/NDF : 641866.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.721+/-0.132 χ^2/NDF : 1399421.4/28

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 239.067+/-282.615 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 626.667+/-245.344 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

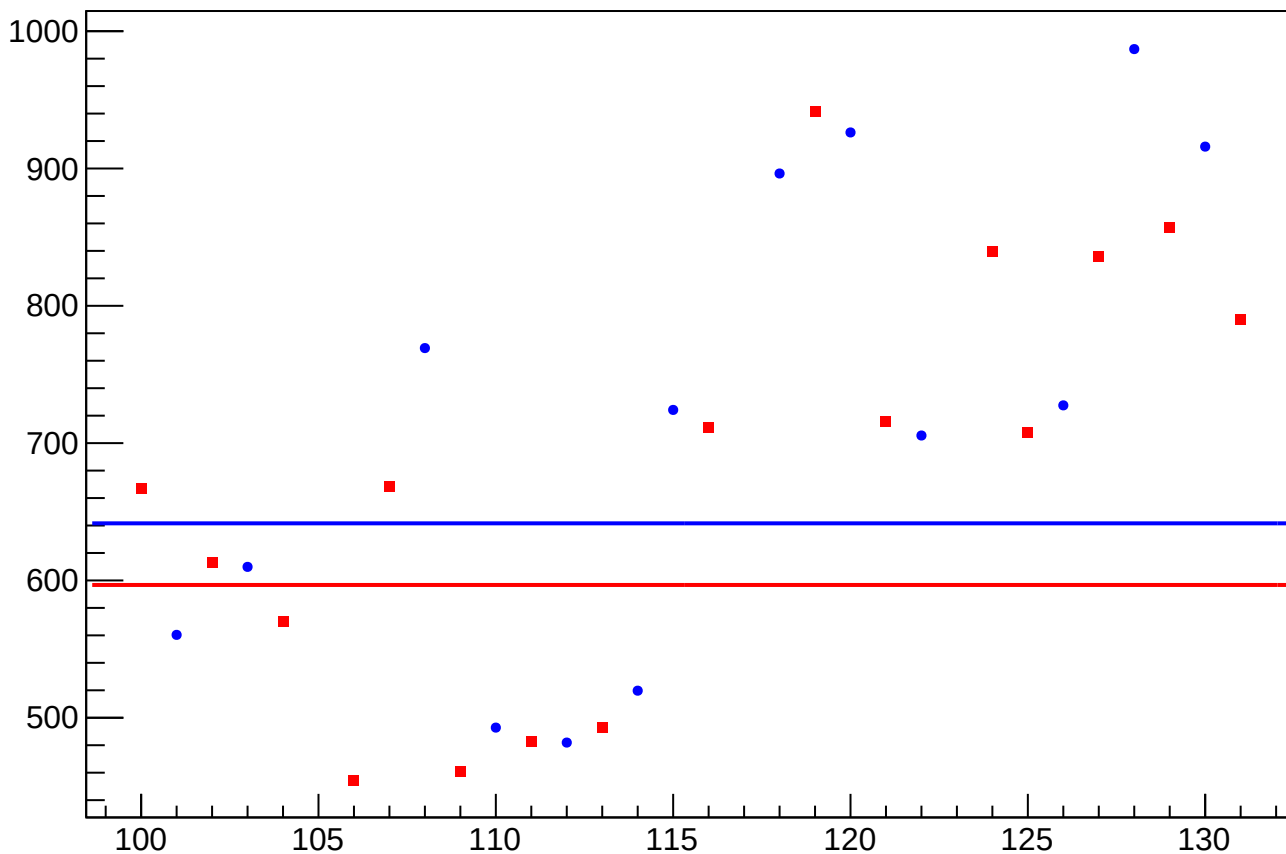
Right: 460.093+/-185.270 χ^2/NDF : 26.6/28

In: 239.067+/-282.615 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.093+/-185.270 χ^2/NDF : 26.6/28

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 641.586+/-0.200 χ^2/NDF : 624157.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.709+/-0.173 χ^2/NDF : 688862.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

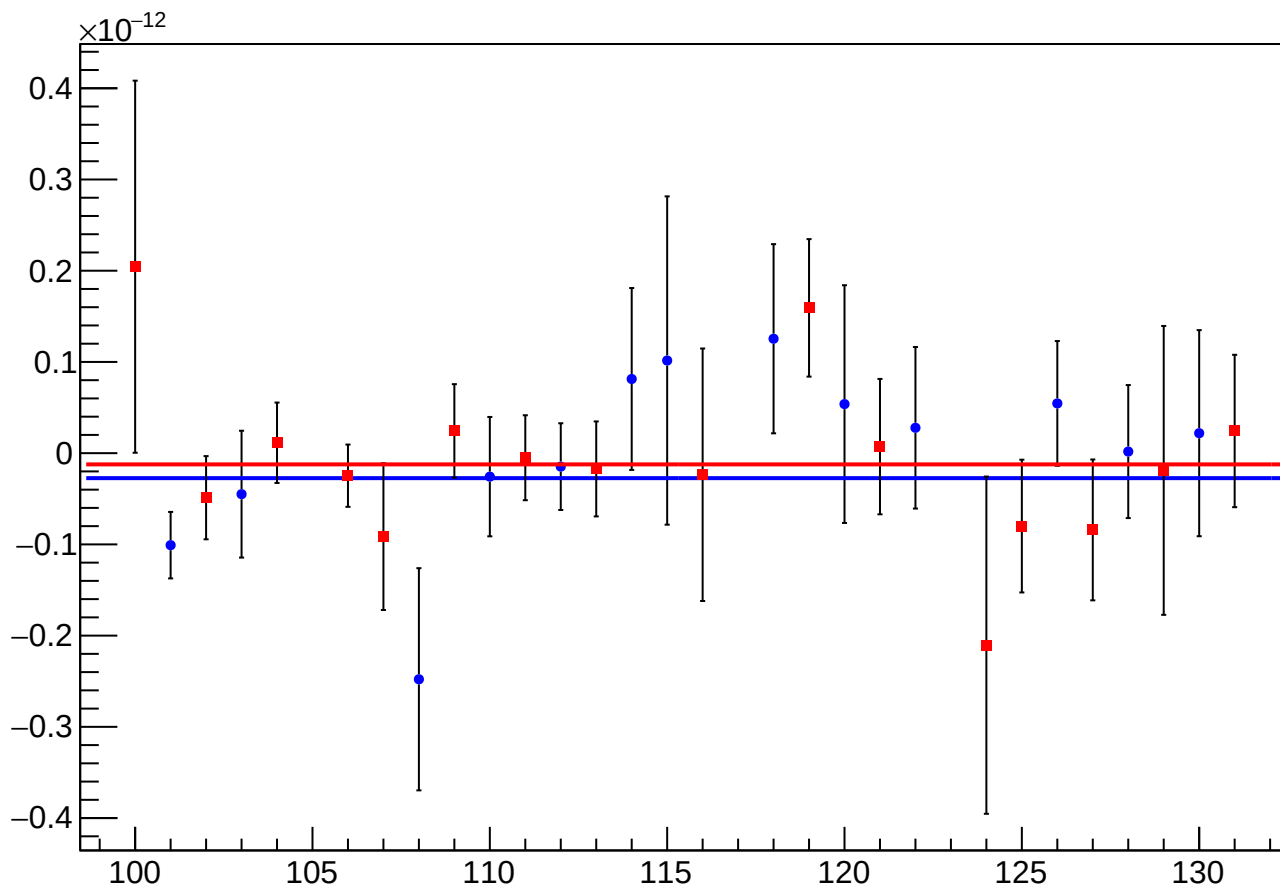
Right: 615.995+/-0.131 χ^2/NDF : 1341778.1/28

In: 641.586+/-0.200 χ^2/NDF : 624157.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.995+/-0.131 χ^2/NDF : 1341778.1/28

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

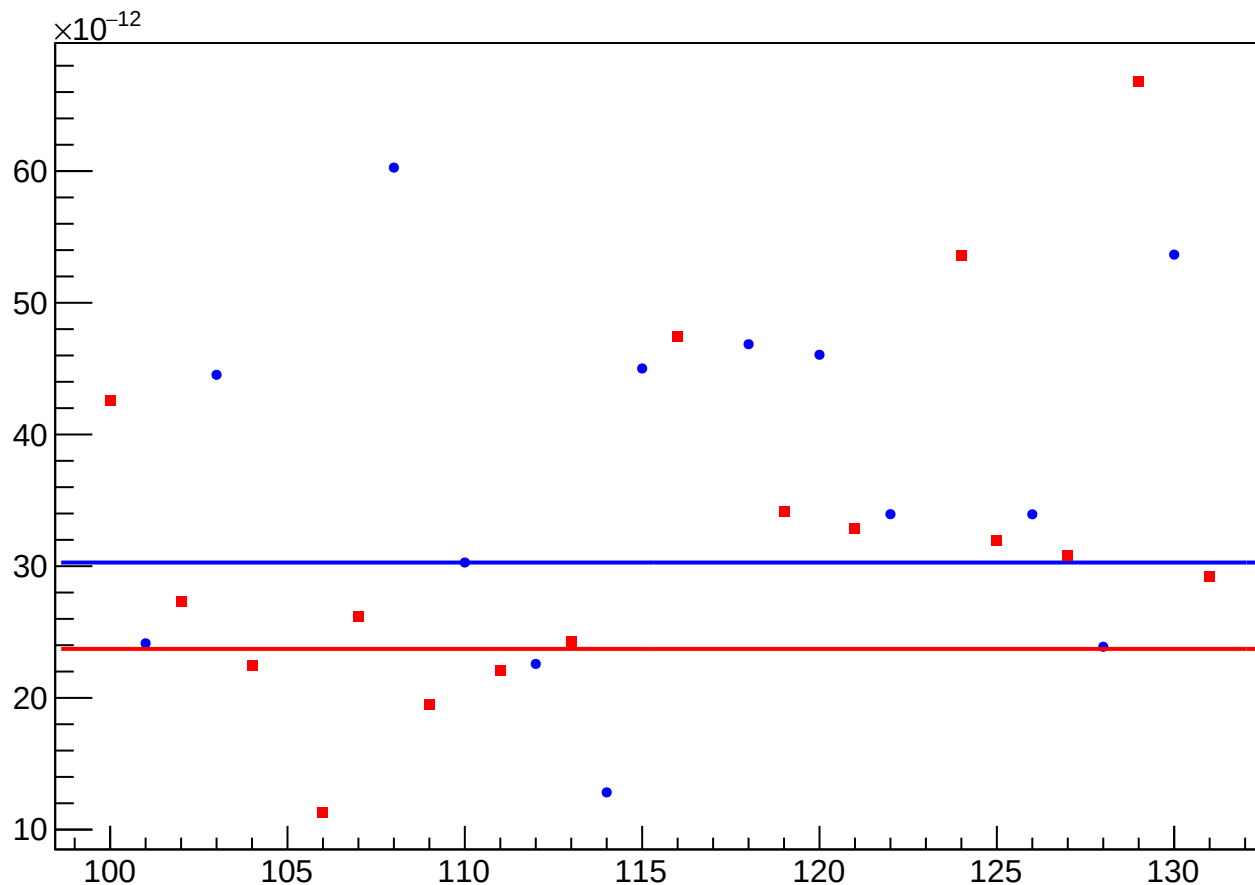
Right: -0.000+/-0.000 χ^2/NDF : 26.3/28

In: -0.000+/-0.000 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.3/28

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 579808.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693356.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

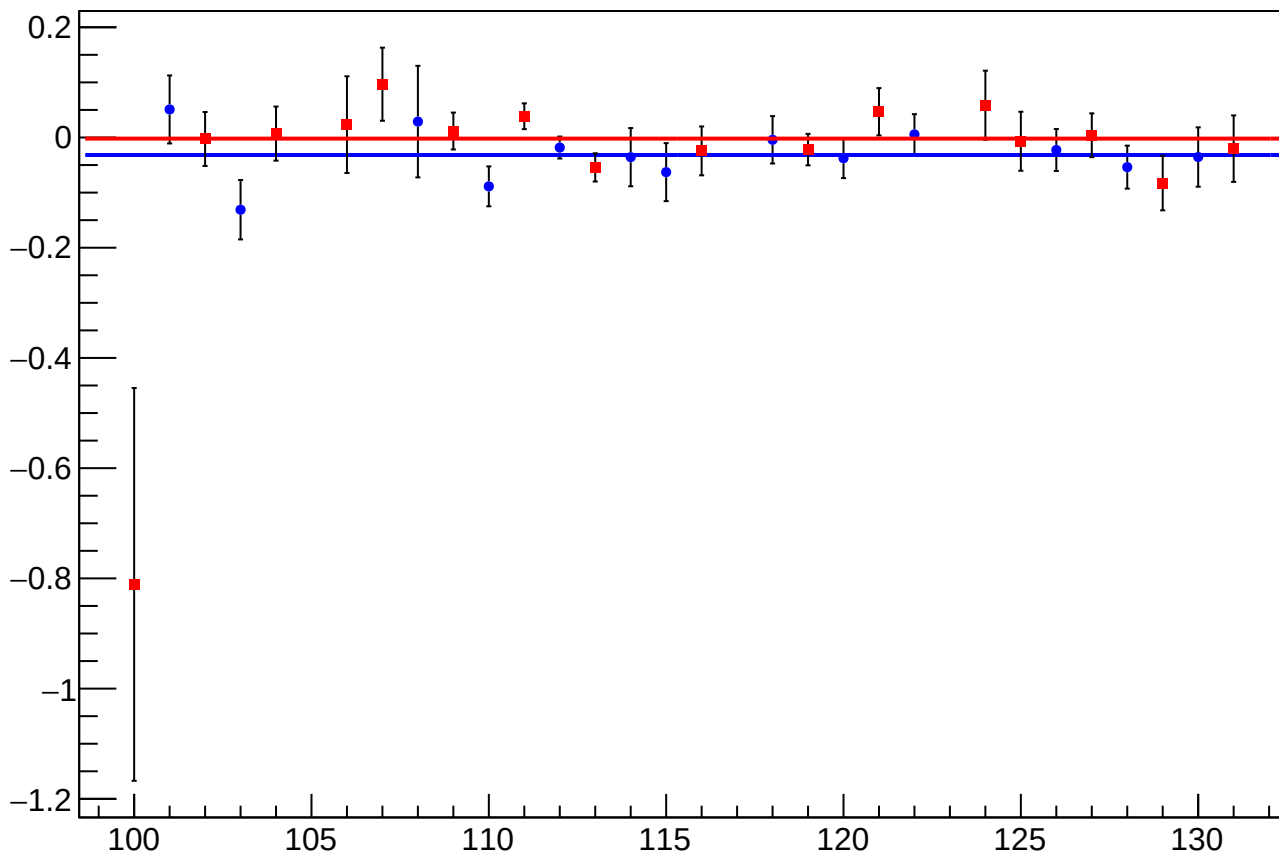
Right: 0.000+/-0.000 χ^2/NDF : 1411408.4/28

In: 0.000+/-0.000 χ^2/NDF : 579808.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1411408.4/28

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

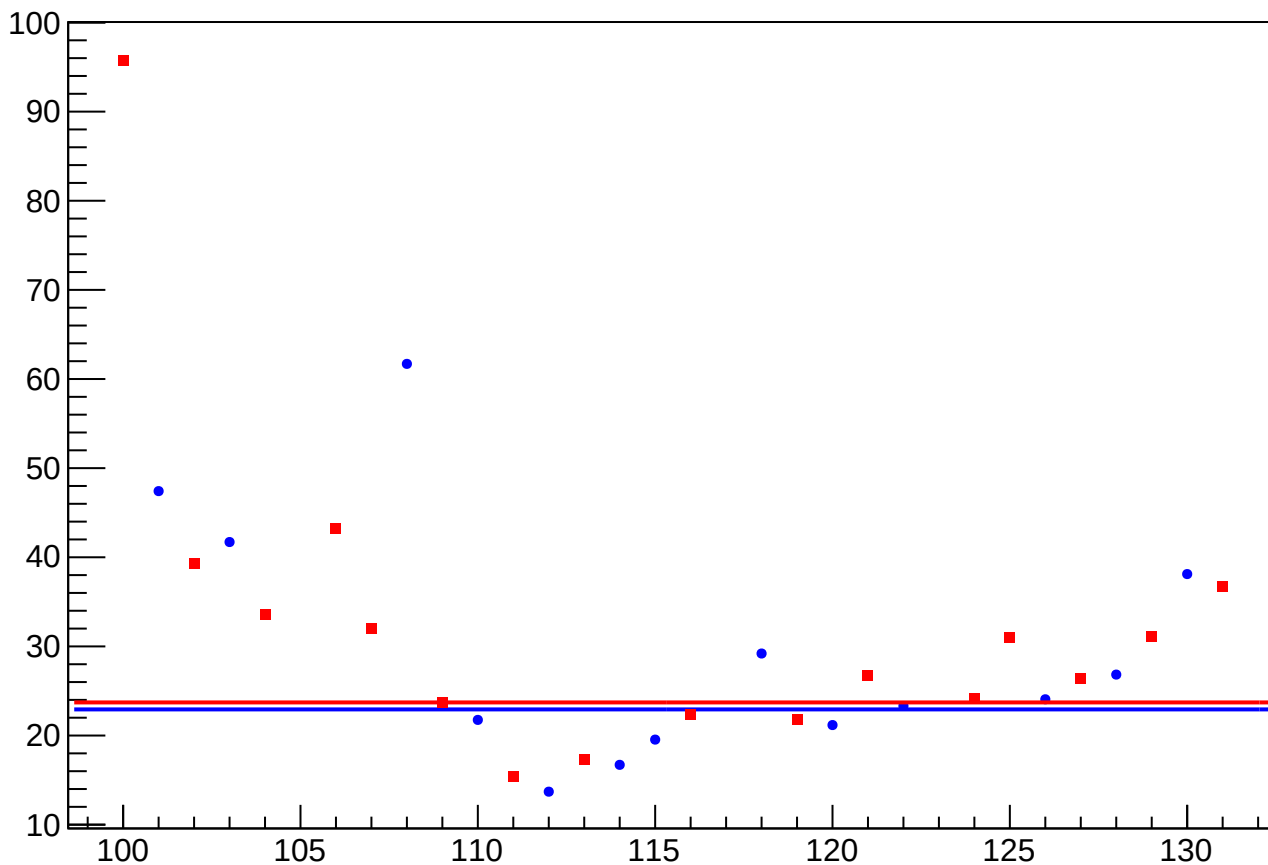
Right: -0.016+/-0.007 χ^2/NDF : 35.2/28

In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.007 χ^2/NDF : 35.2/28

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.932+/-0.008 χ^2/NDF : 1546995.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1077972.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

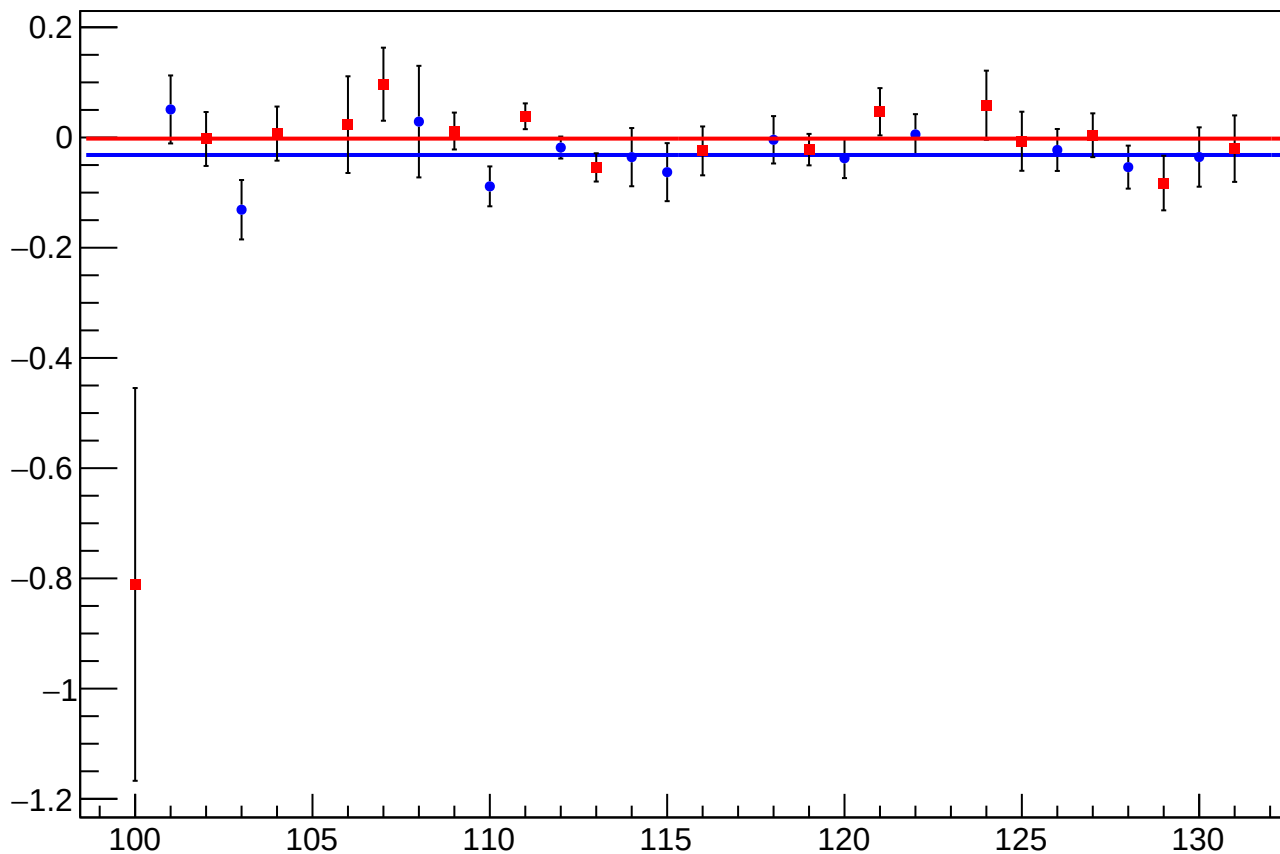
Right: 23.349+/-0.005 χ^2/NDF : 2630496.3/28

In: 22.932+/-0.008 χ^2/NDF :1546995.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630496.3/28

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

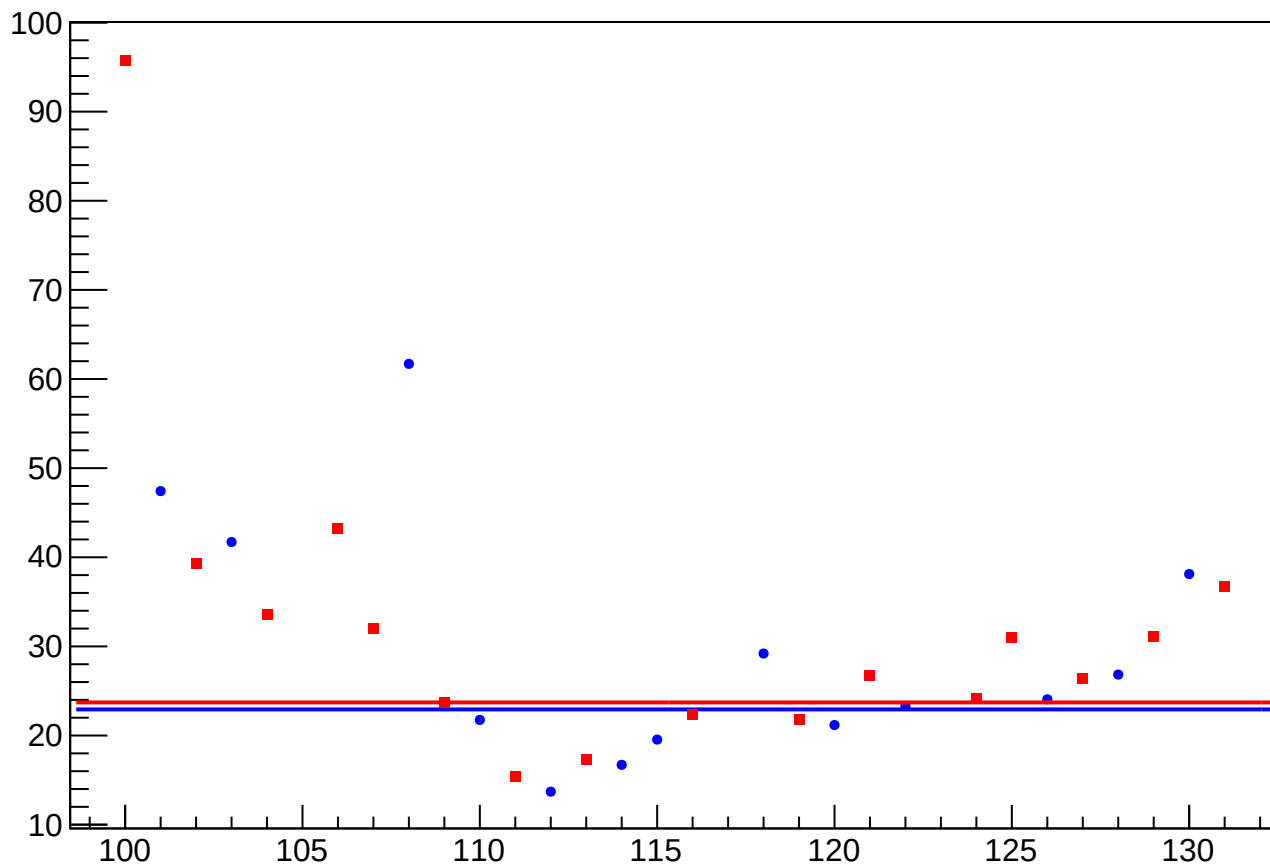
Right: -0.016+/-0.007 χ^2/NDF : 35.2/28

In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.007 χ^2/NDF : 35.2/28

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.932+/-0.008 χ^2/NDF : 1546995.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1077972.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

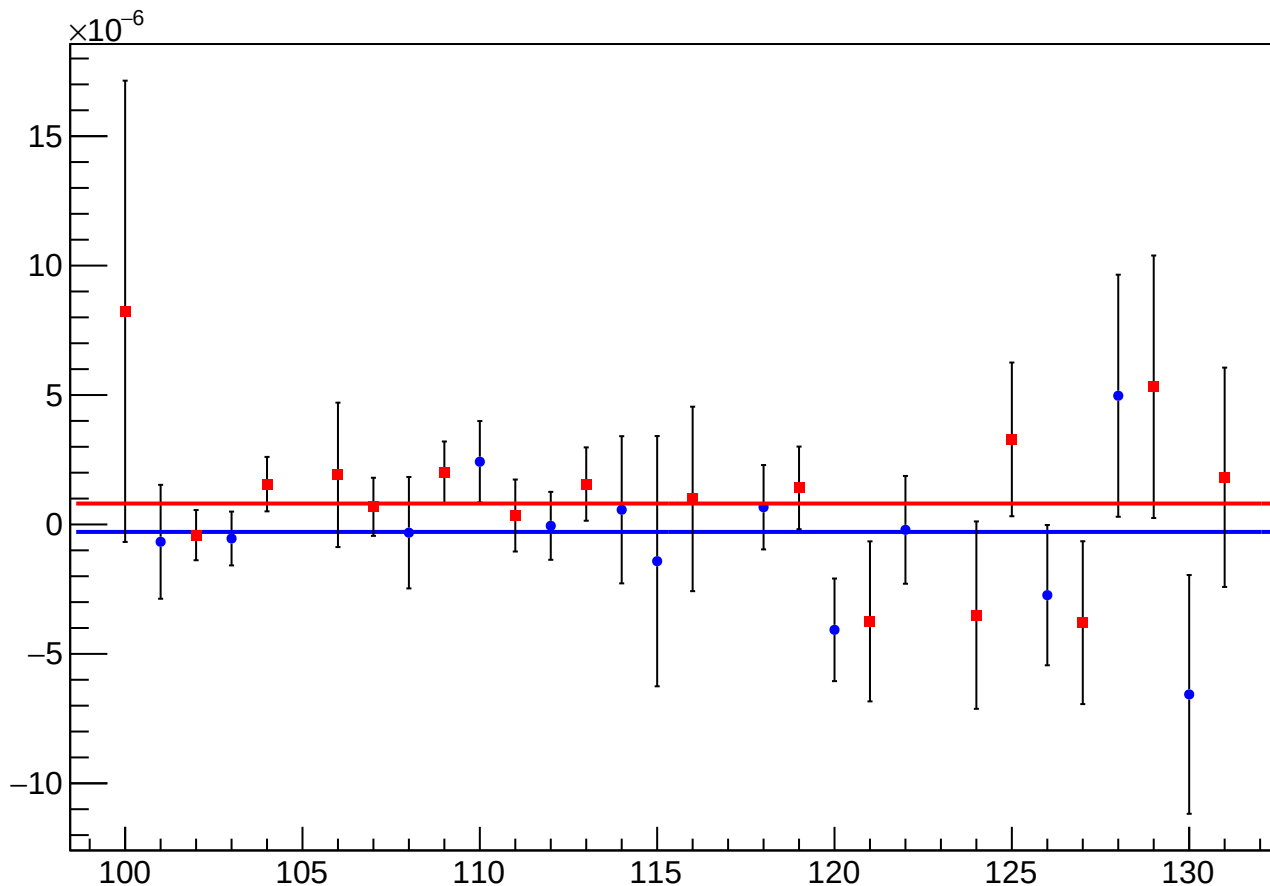
Right: 23.349+/-0.005 χ^2/NDF : 2630496.3/28

In: 22.932+/-0.008 χ^2/NDF :1546995.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630496.3/28

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/12

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

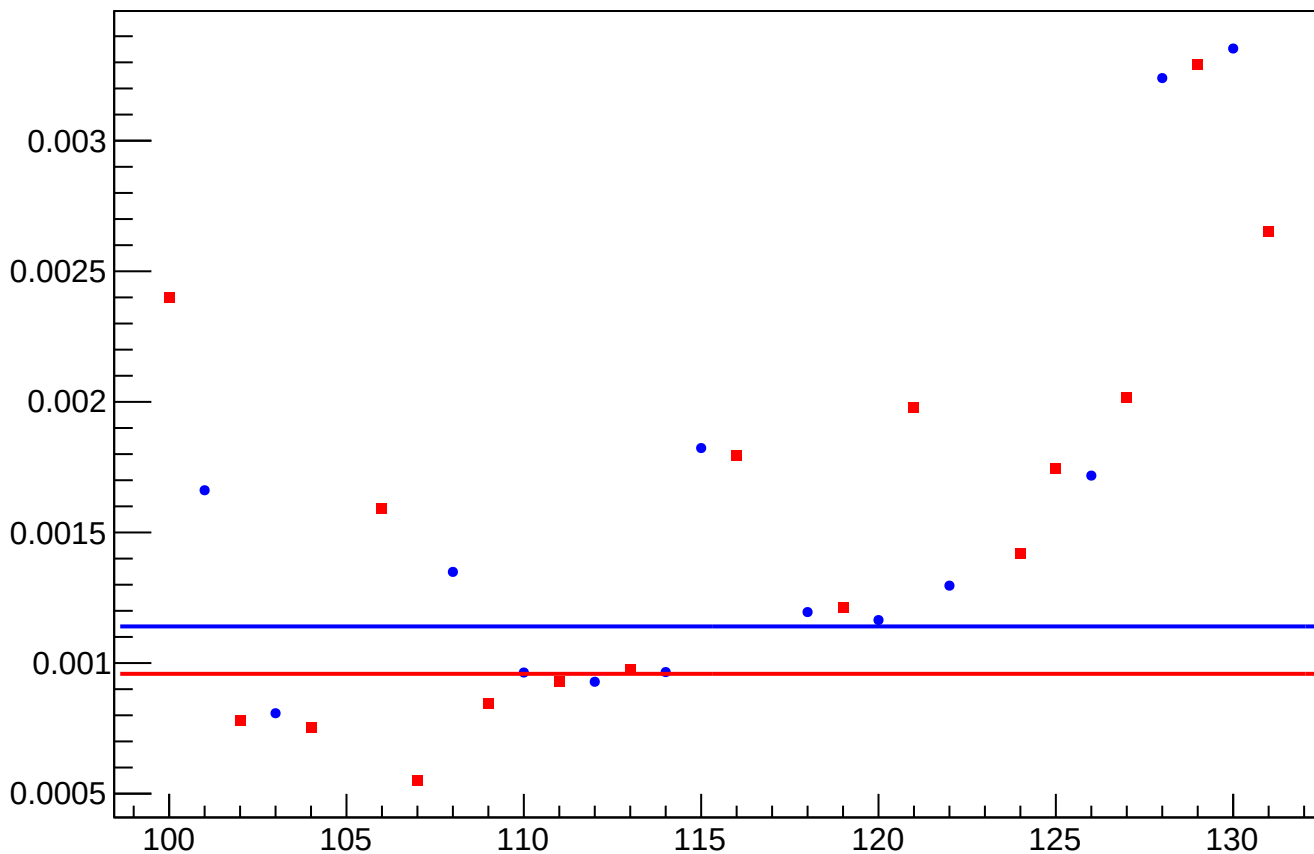
Right: 0.000+/-0.000 χ^2/NDF : 25.6/28

In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/28

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 1428589.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 2103564.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 3676171.8/28

In: 0.001+/-0.000

χ^2/NDF : 1428589.3/12

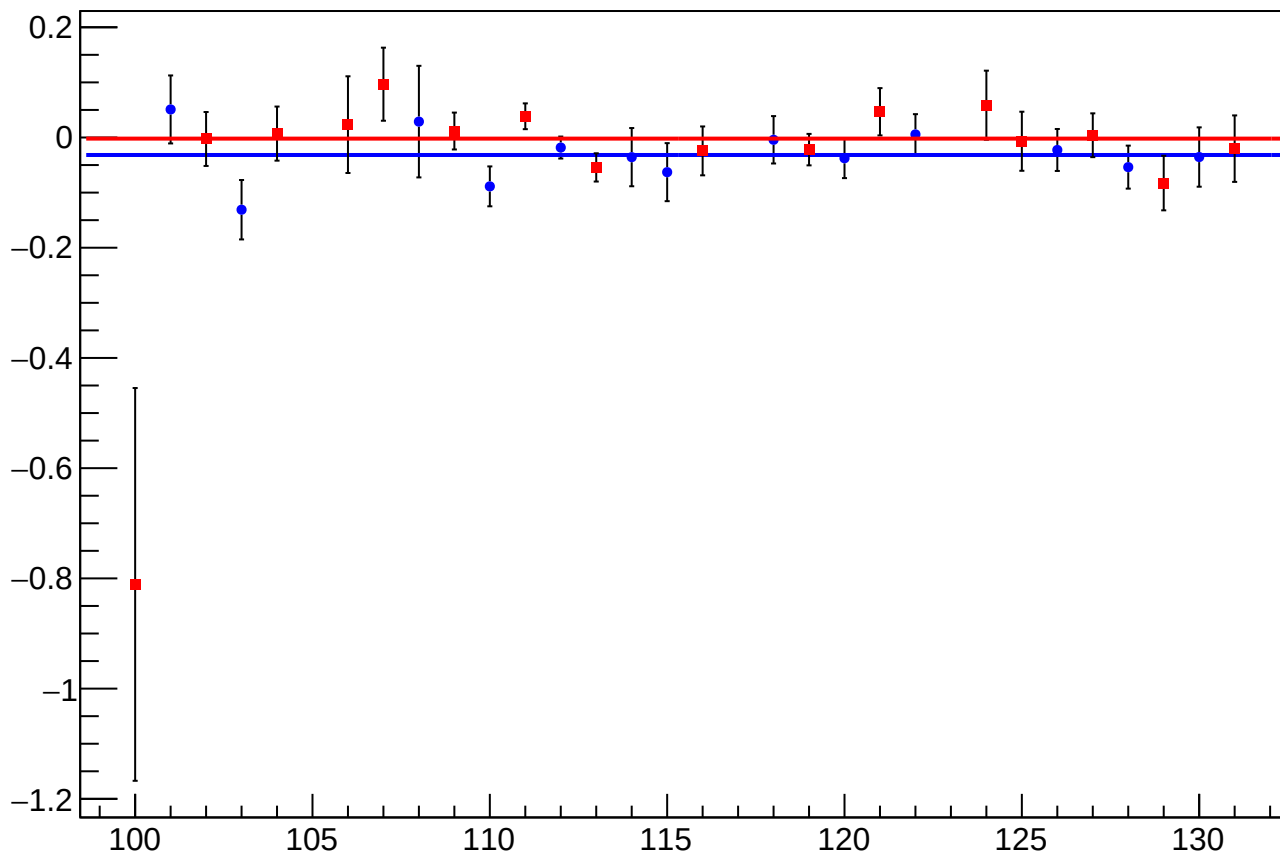
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 3676171.8/28

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

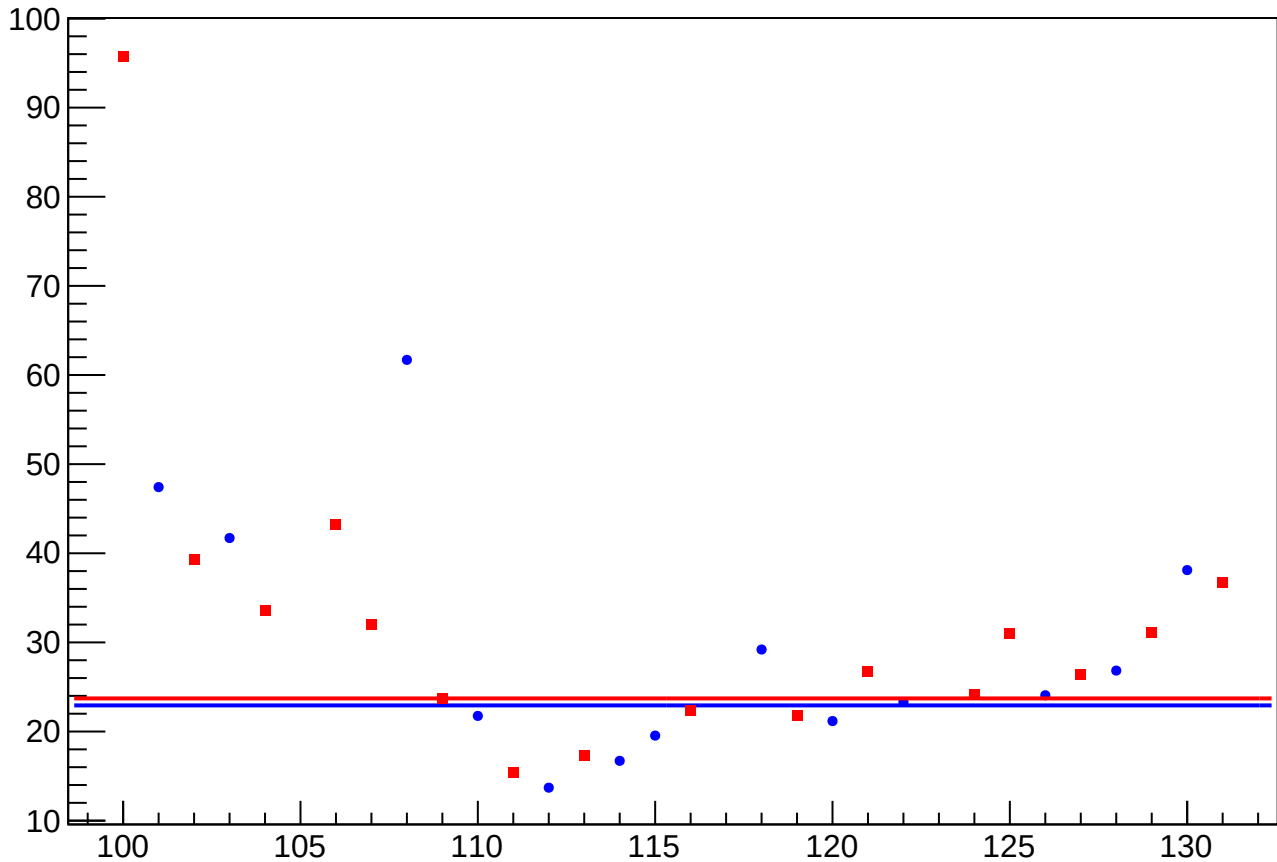
Right: -0.016+/-0.007 χ^2/NDF : 35.2/28

In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.007 χ^2/NDF : 35.2/28

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1078004.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

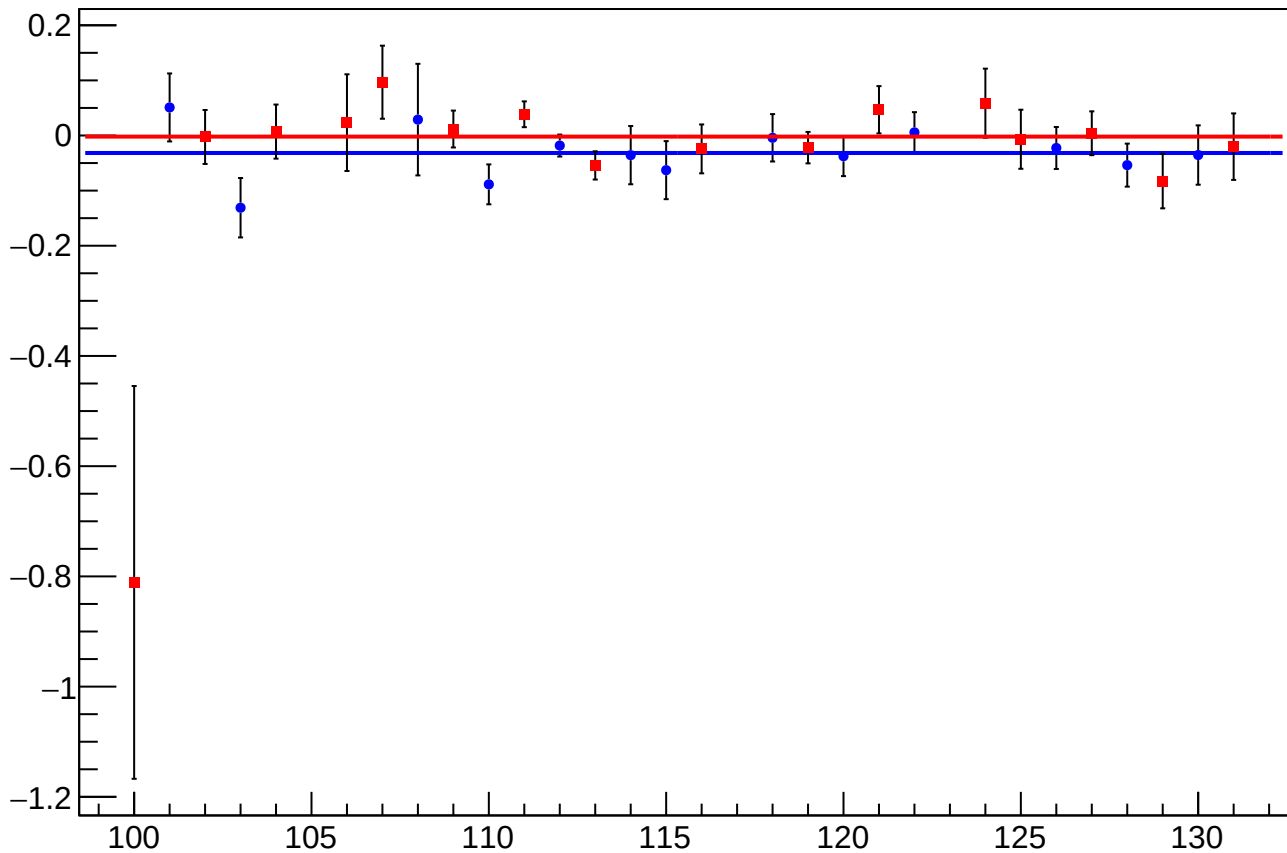
Right: 23.349+/-0.005 χ^2/NDF : 2630544.0/28

In: 22.931+/-0.008 χ^2/NDF :1547011.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630544.0/28

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

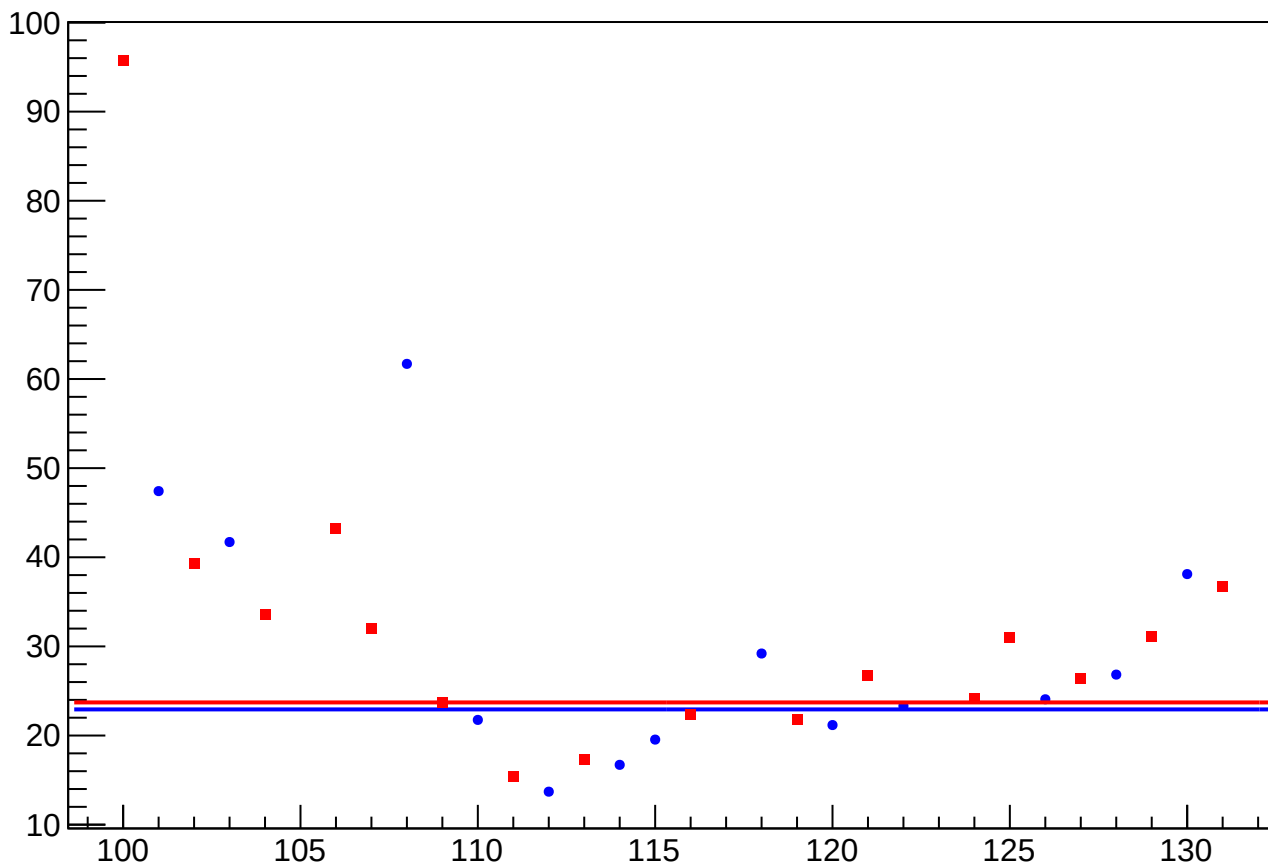
Right: -0.016+/-0.007 χ^2/NDF : 35.2/28

In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.007 χ^2/NDF : 35.2/28

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1078004.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

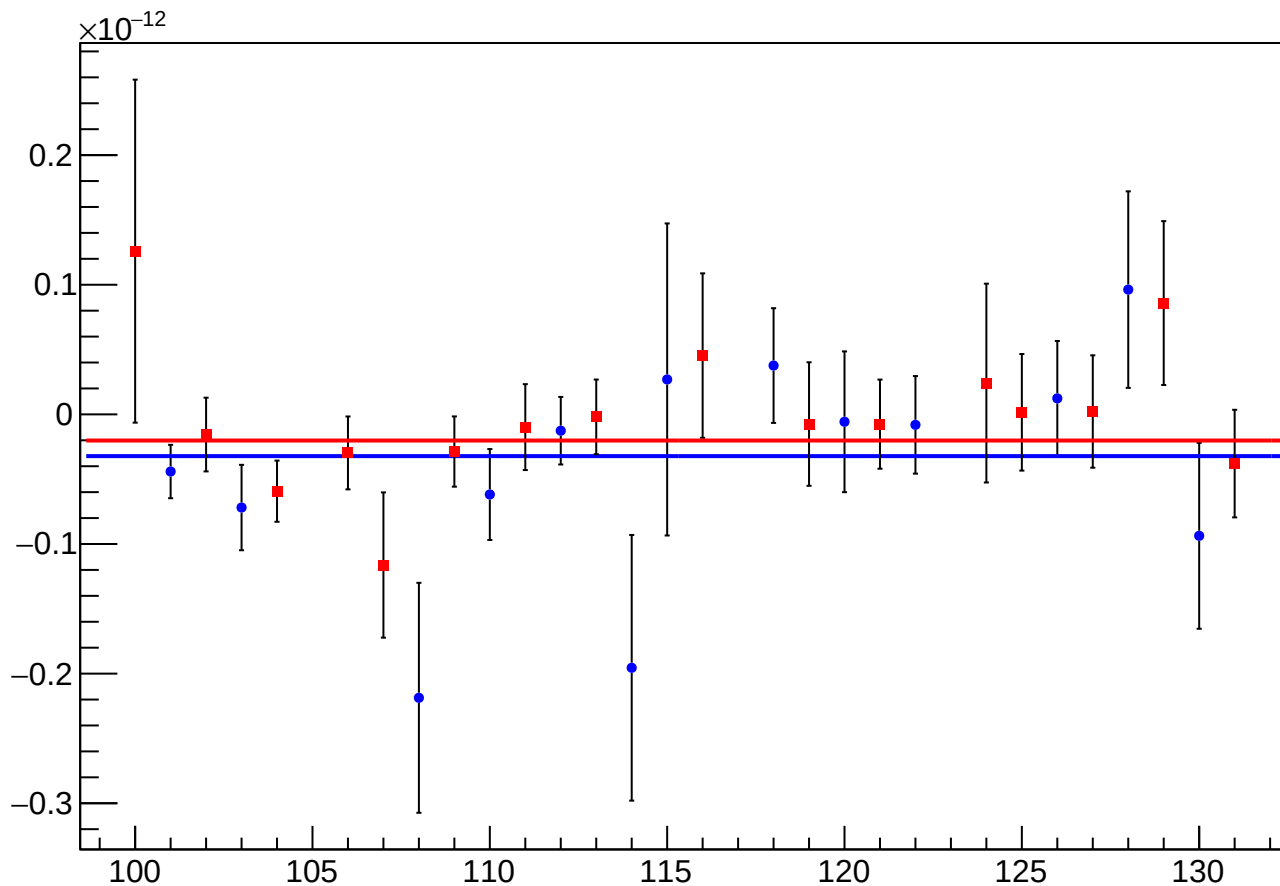
Right: 23.349+/-0.005 χ^2/NDF : 2630544.0/28

In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630544.0/28

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 18.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

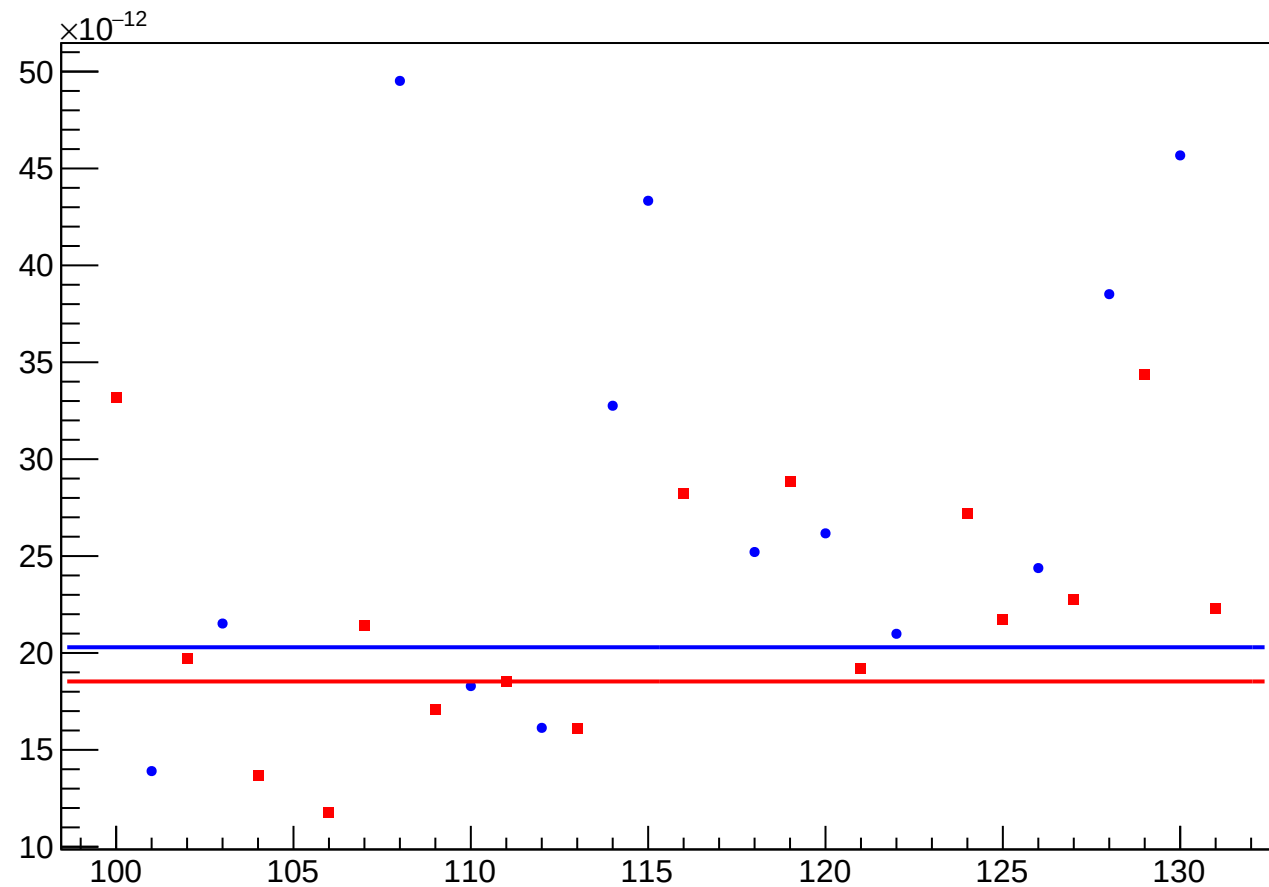
Right: -0.000 ± 0.000 χ^2/NDF : 31.5/28

In: -0.000 ± 0.000 χ^2/NDF : 18.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 31.5/28

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1004329.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590410.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

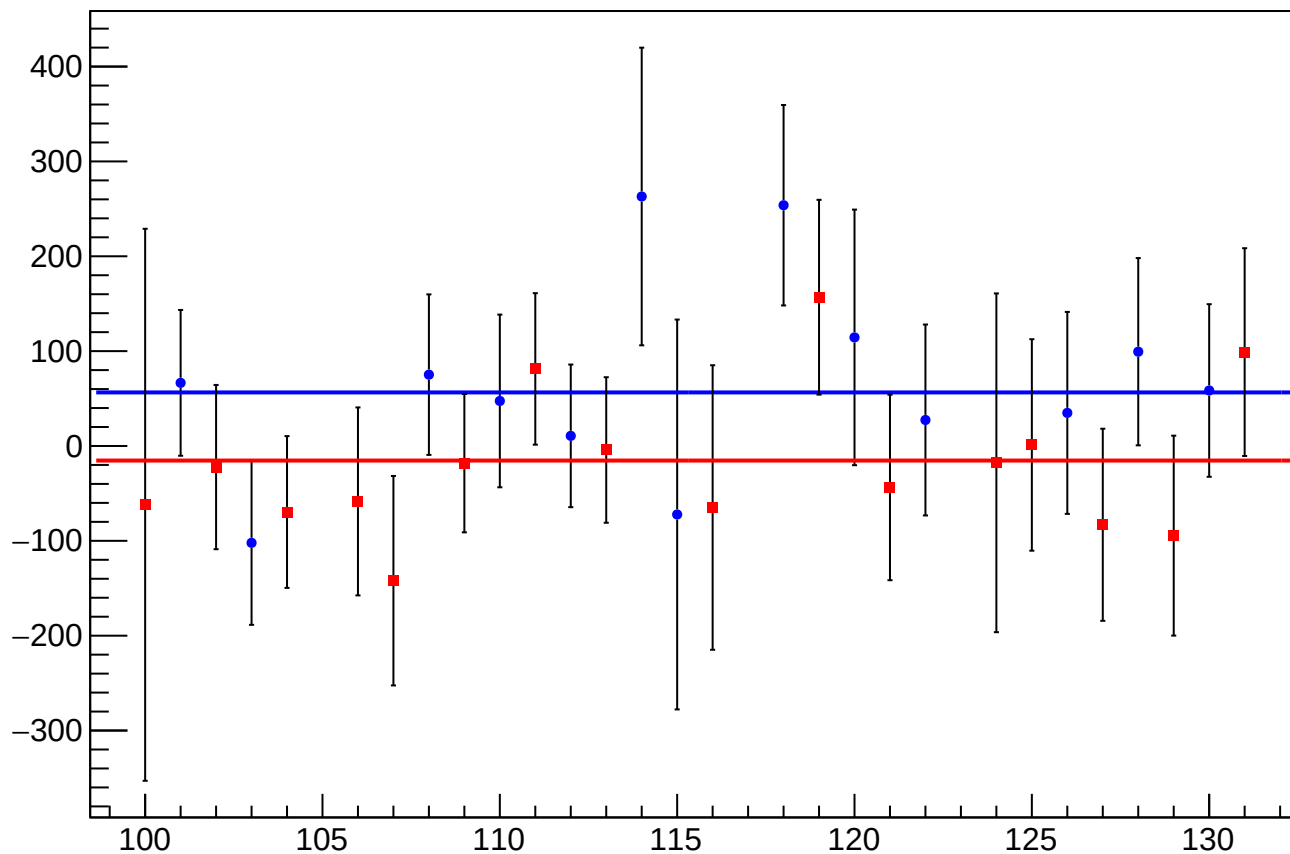
Right: 0.000+/-0.000 χ^2/NDF : 1624988.7/28

In: 0.000+/-0.000 χ^2/NDF : 1004329.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1624988.7/28

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.467 $\pm$ 27.119 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.358 $\pm$ 24.794 χ^2 /NDF: 8.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

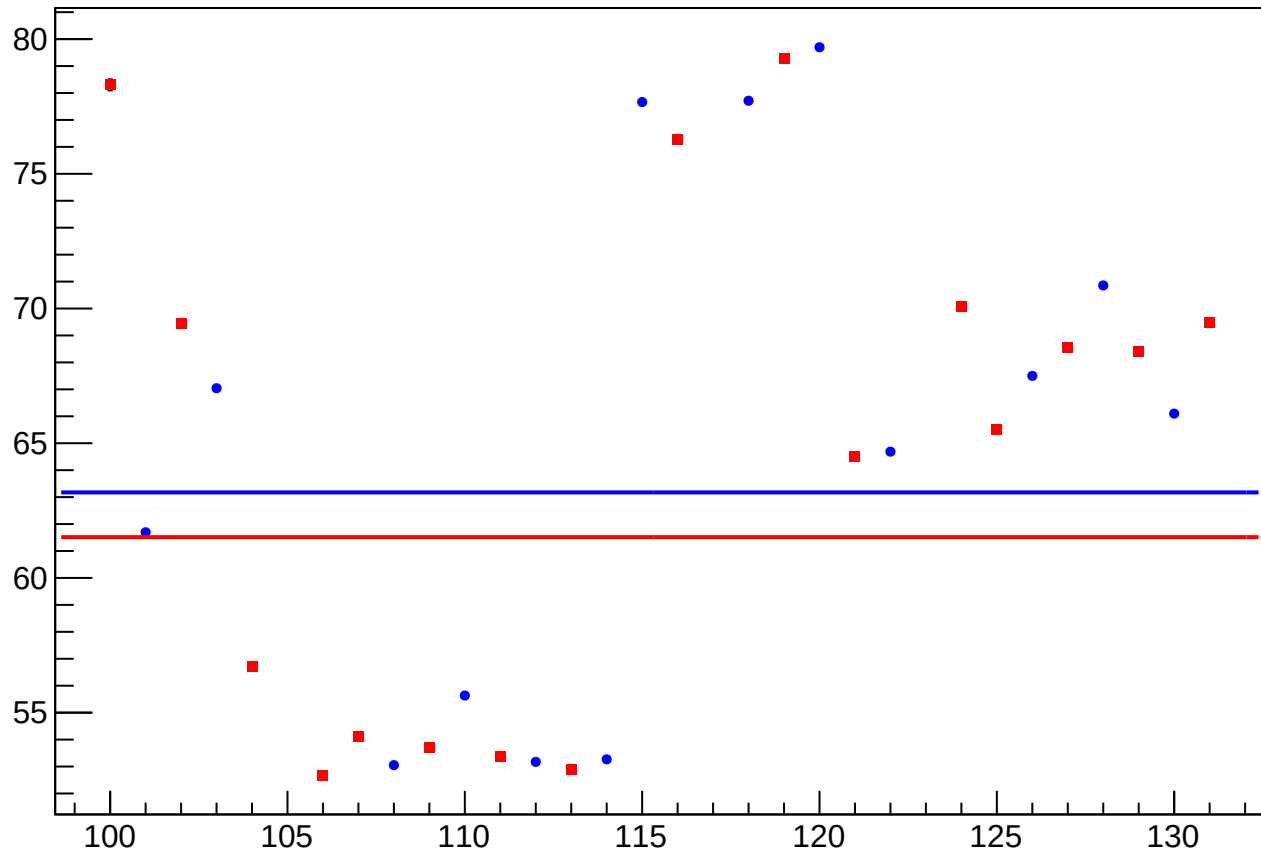
Right: 17.344 $\pm$ 18.299 χ^2 /NDF: 22.4/28

In: 56.467 $\pm$ 27.119 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.344 $\pm$ 18.299 χ^2 /NDF: 22.4/28

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.174+/-0.019 χ^2/NDF : 186257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.514+/-0.018 χ^2/NDF : 241721.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

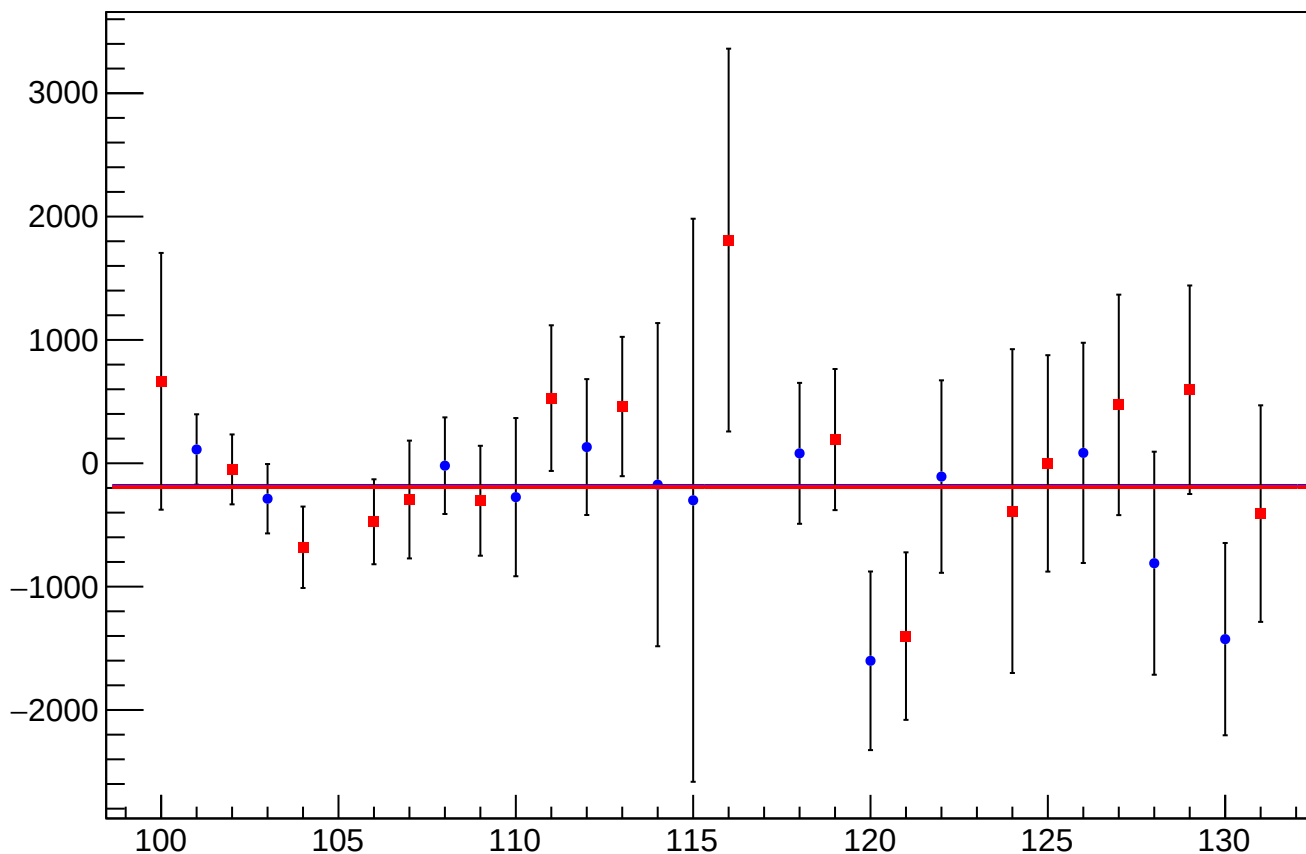
Right: 62.270+/-0.013 χ^2/NDF : 432060.9/28

In: 63.174+/-0.019 χ^2/NDF : 186257.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.270+/-0.013 χ^2/NDF : 432060.9/28

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -184.724+/-143.305 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.479+/-131.444 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

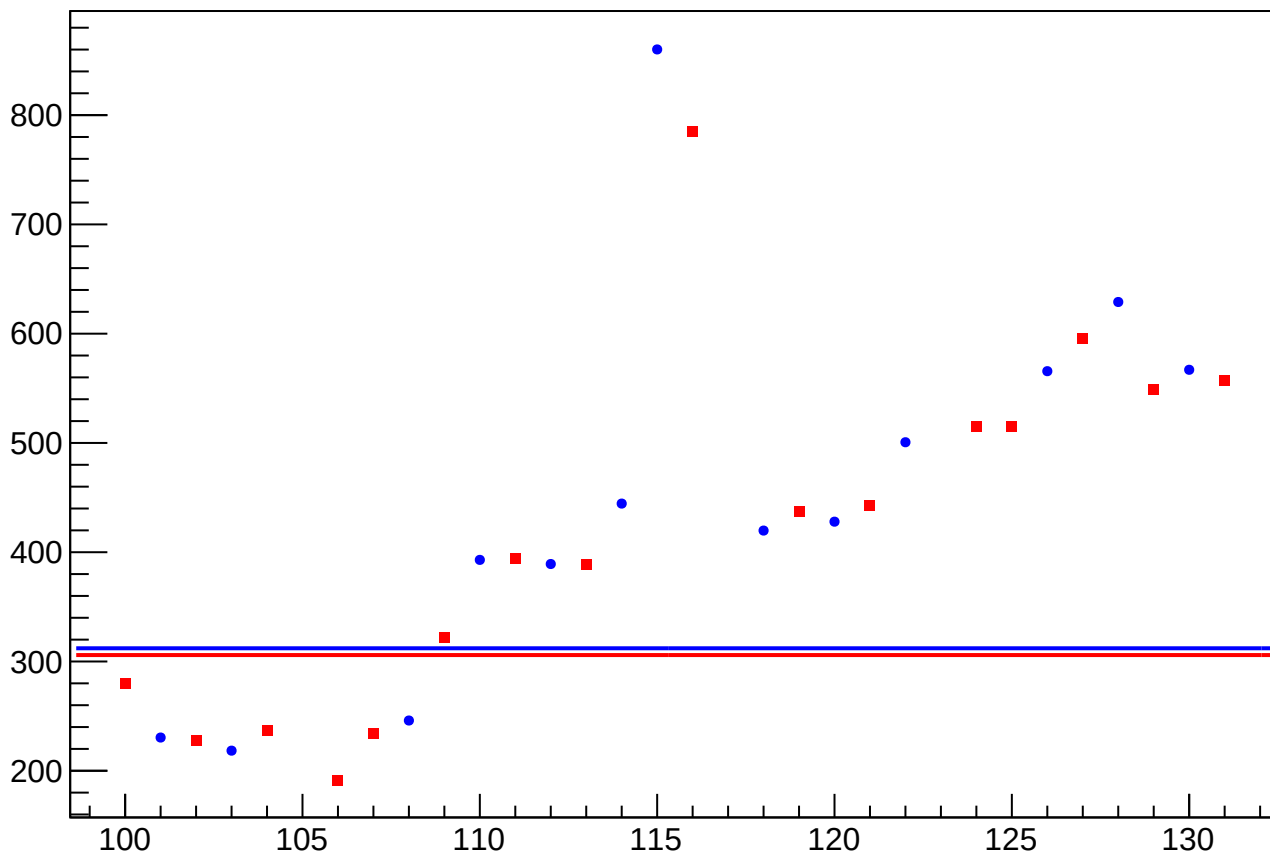
Right: -188.936+/-96.867 χ^2/NDF : 22.5/28

In: -184.724+/-143.305 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.936+/-96.867 χ^2/NDF : 22.5/28

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 312.089+/-0.101 χ^2/NDF : 1509836.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 305.887+/-0.093 χ^2/NDF : 1681376.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

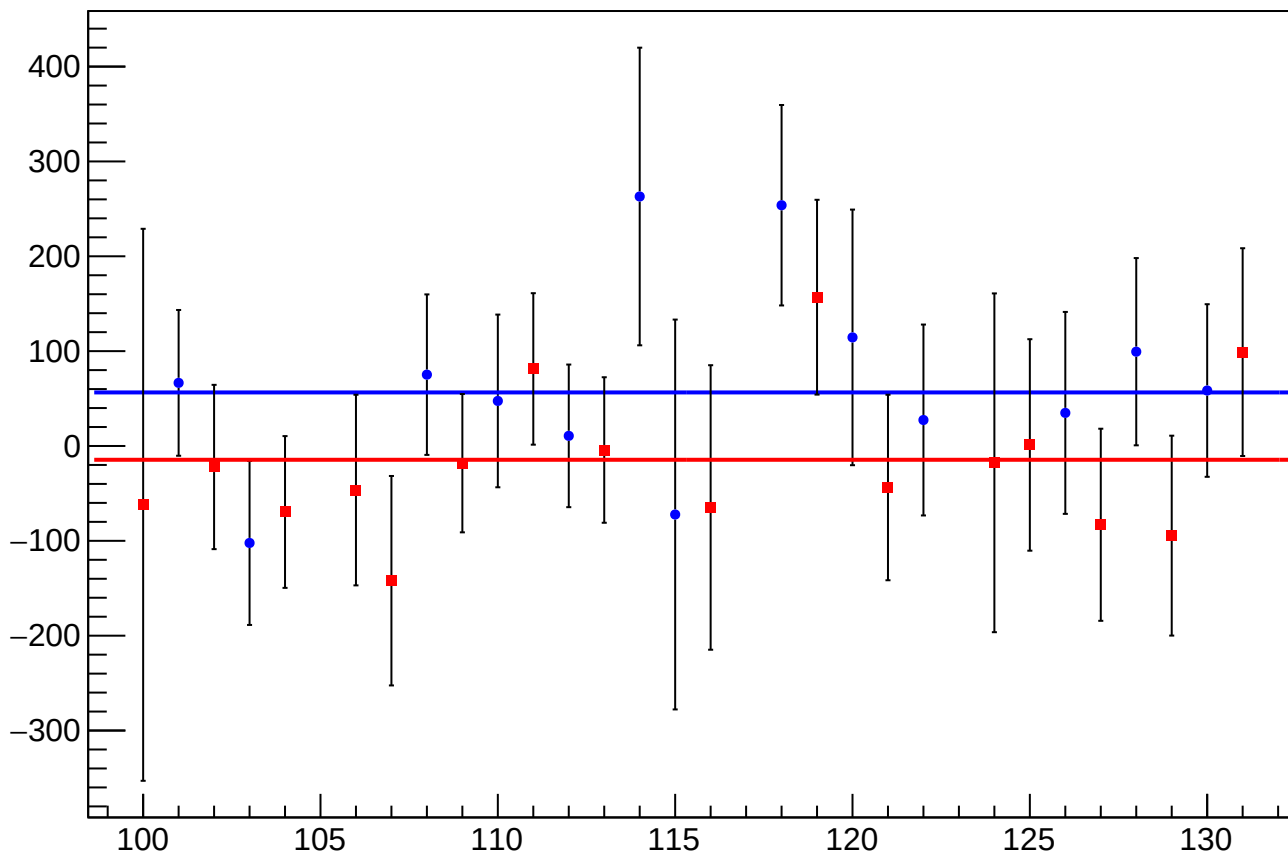
Right: 308.721+/-0.068 χ^2/NDF : 3193247.2/28

In: 312.089+/-0.101 χ^2/NDF :1509836.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 308.721+/-0.068 χ^2/NDF : 3193247.2/28

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.461+/-27.119 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.545+/-24.816 χ^2/NDF : 8.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

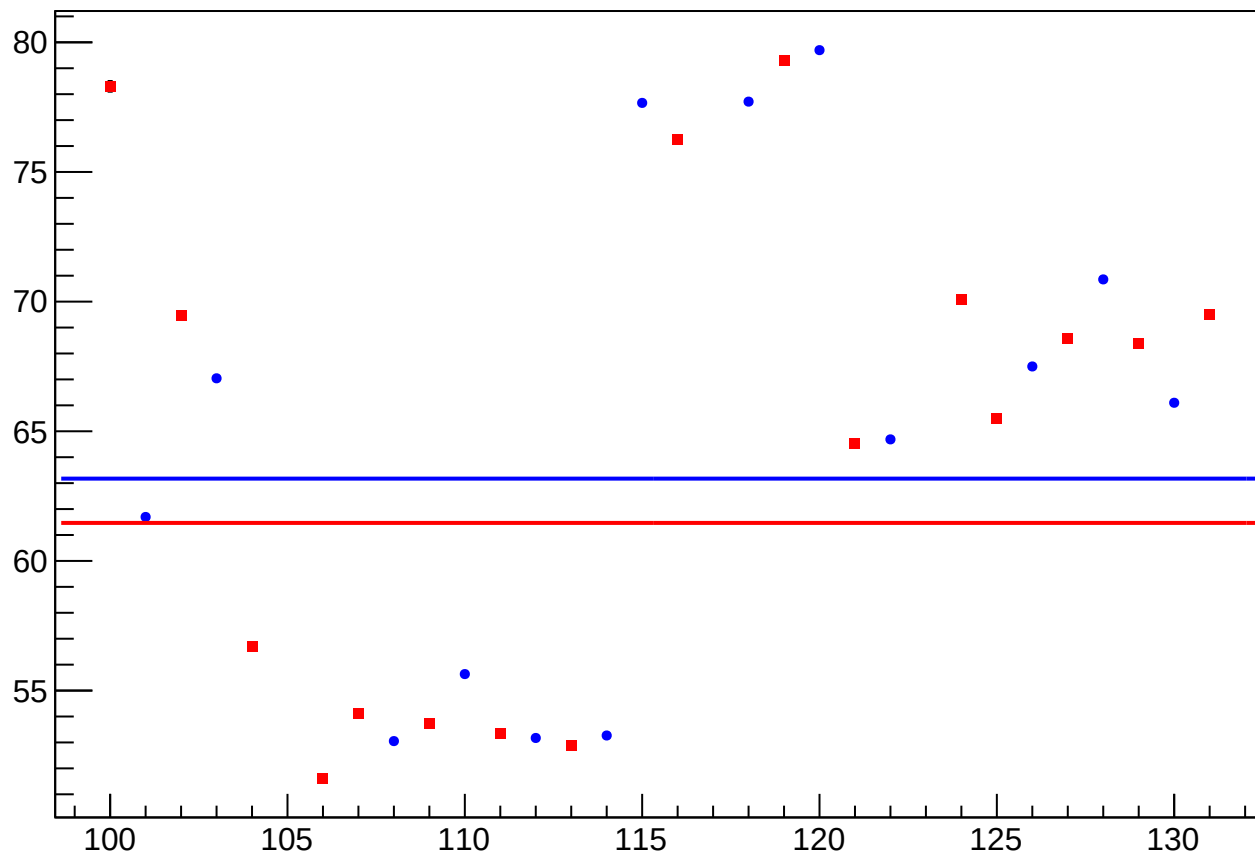
Right: 17.815+/-18.308 χ^2/NDF : 22.2/28

In: 56.461+/-27.119 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.815+/-18.308 χ^2/NDF : 22.2/28

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.466+/-0.018 χ^2/NDF : 245290.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

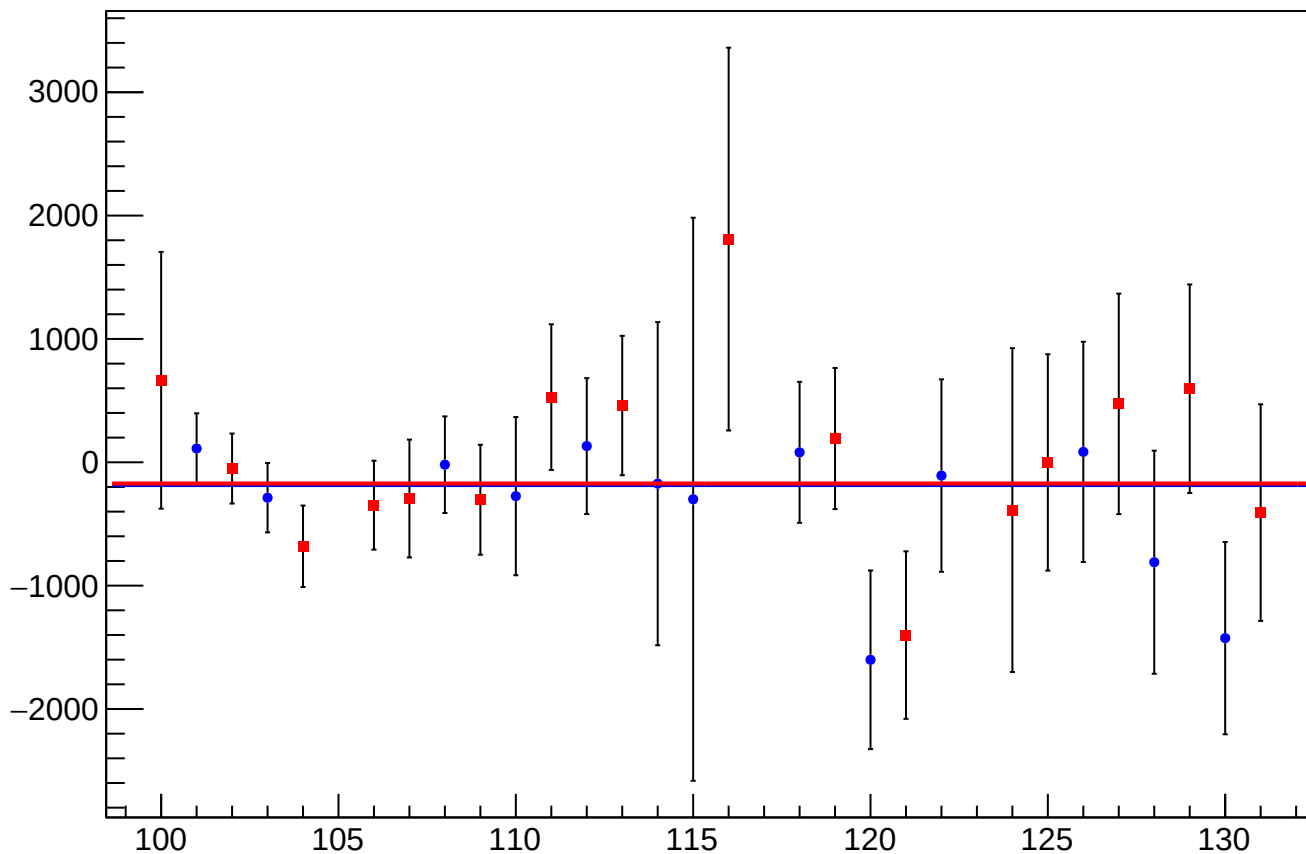
Right: 62.244+/-0.013 χ^2/NDF : 435867.5/28

In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.244+/-0.013 χ^2/NDF : 435867.5/28

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -172.092+/-132.304 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

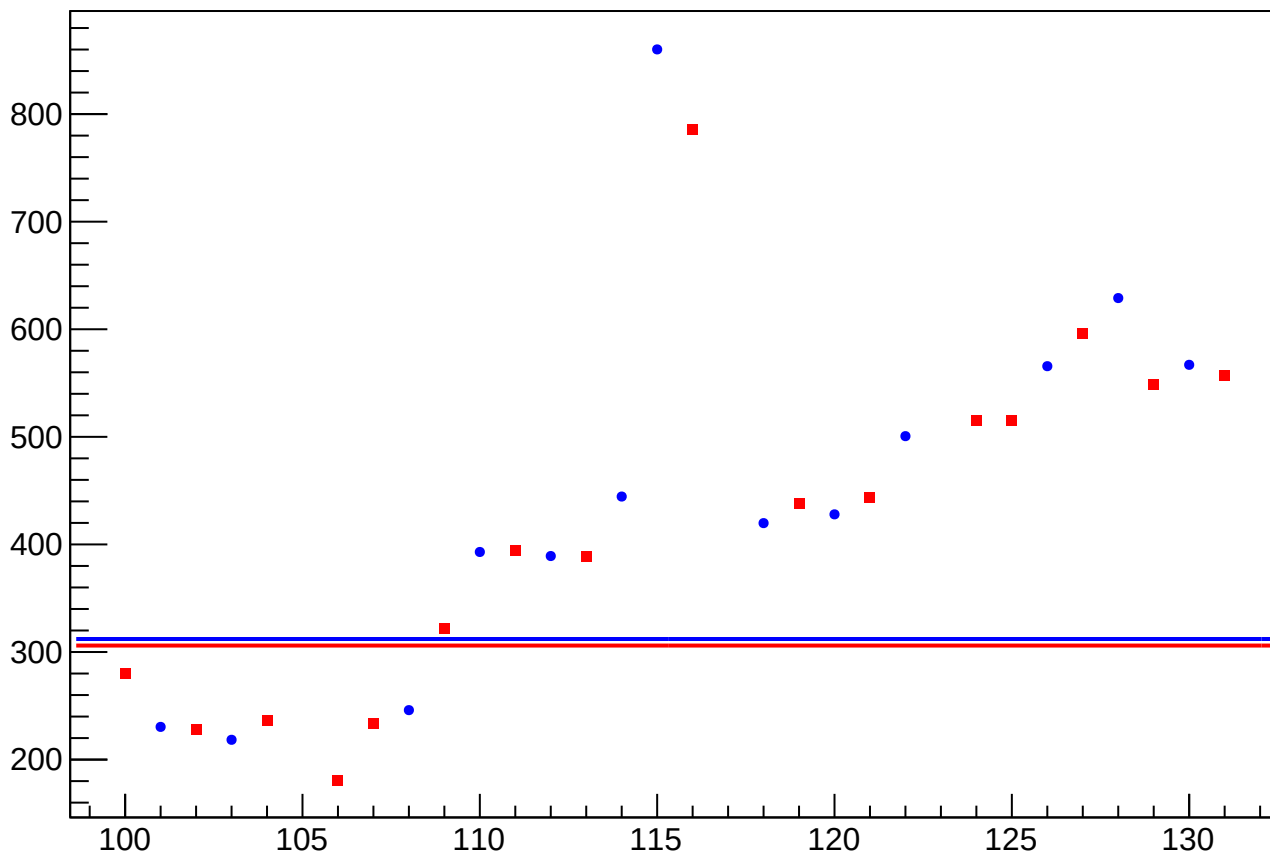
Right: -177.897+/-97.210 χ^2/NDF : 22.0/28

In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.897+/-97.210 χ^2/NDF : 22.0/28

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 306.002+/-0.094 χ^2/NDF : 1700106.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

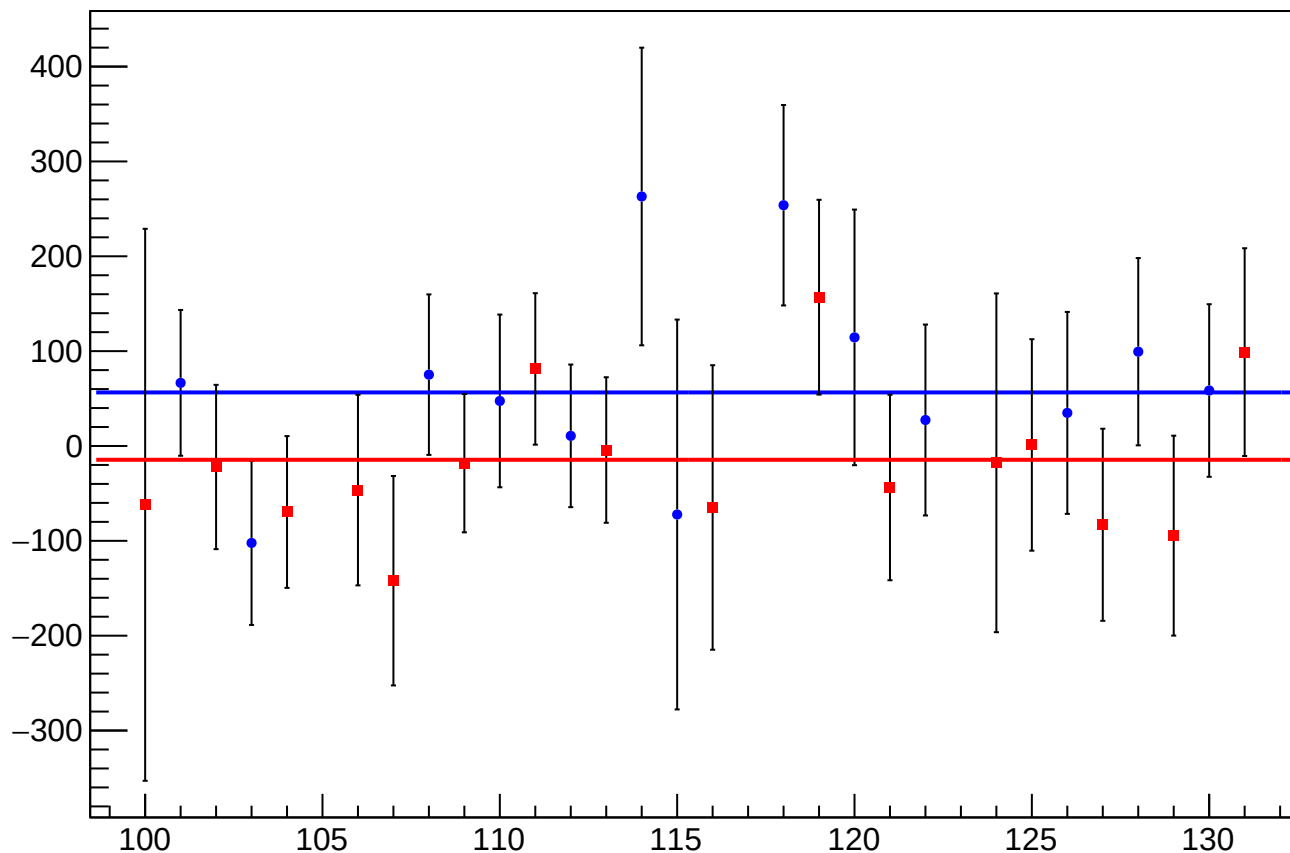
Right: 308.805+/-0.069 χ^2/NDF : 3211841.9/28

In: 312.093+/-0.101 χ^2/NDF :1509785.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 308.805+/-0.069 χ^2/NDF : 3211841.9/28

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.461 $\pm$ 27.119 χ^2/NDF : 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -14.545 $\pm$ 24.816 χ^2/NDF : 8.5/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

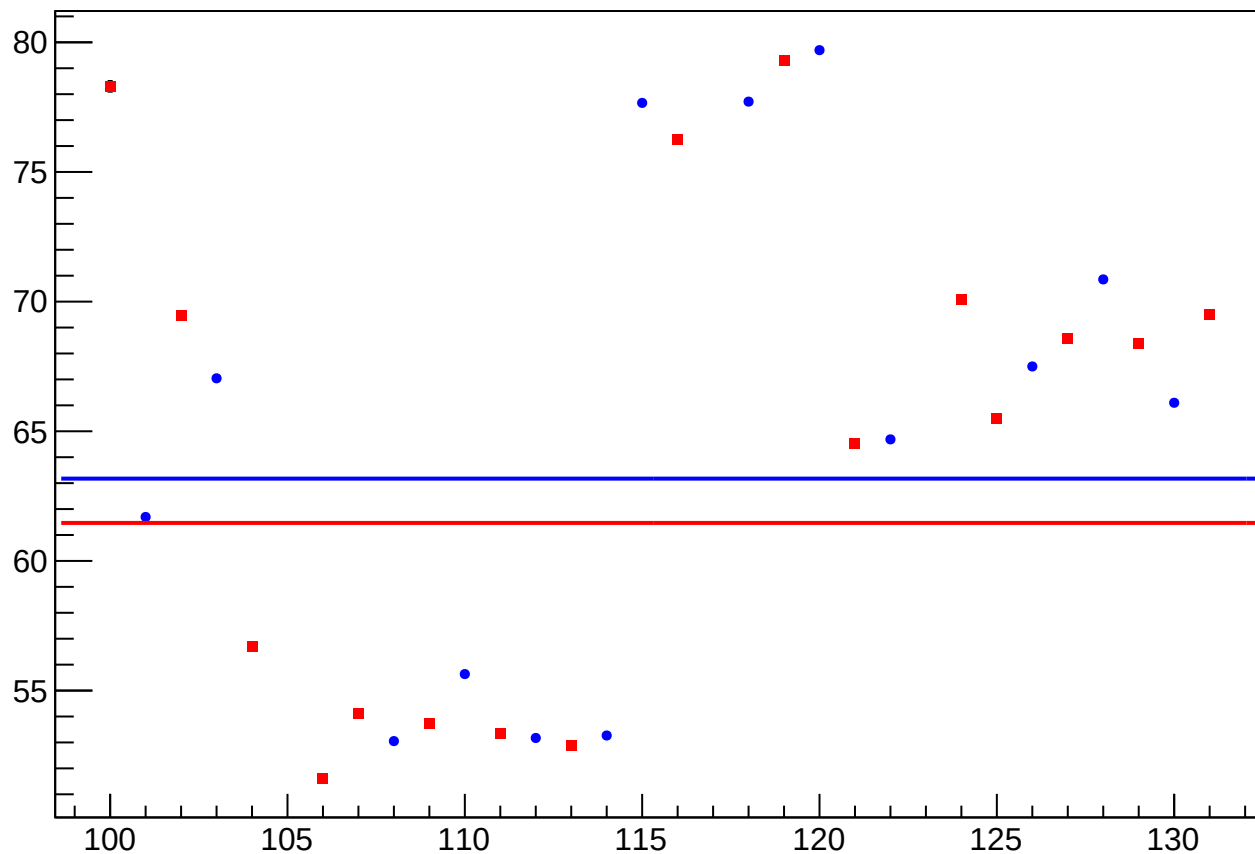
Right: 17.815 $\pm$ 18.308 χ^2/NDF : 22.2/28

In: 56.461 $\pm$ 27.119 χ^2/NDF : 9.9/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 17.815 $\pm$ 18.308 χ^2/NDF : 22.2/28

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.466+/-0.018 χ^2/NDF : 245290.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

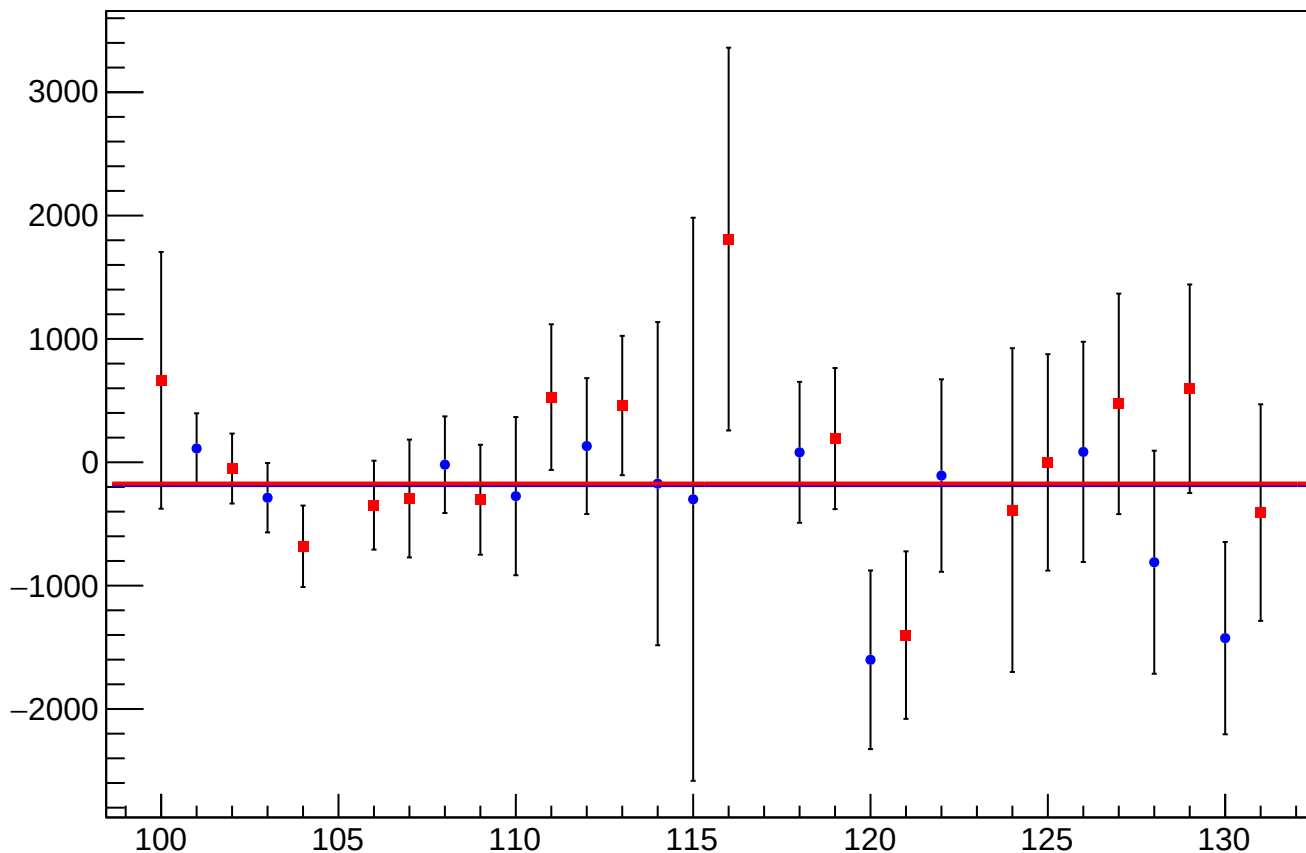
Right: 62.244+/-0.013 χ^2/NDF : 435867.5/28

In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.244+/-0.013 χ^2/NDF : 435867.5/28

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -184.706 ± 143.306 χ^2/NDF : 8.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -172.092 ± 132.304 χ^2/NDF : 13.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

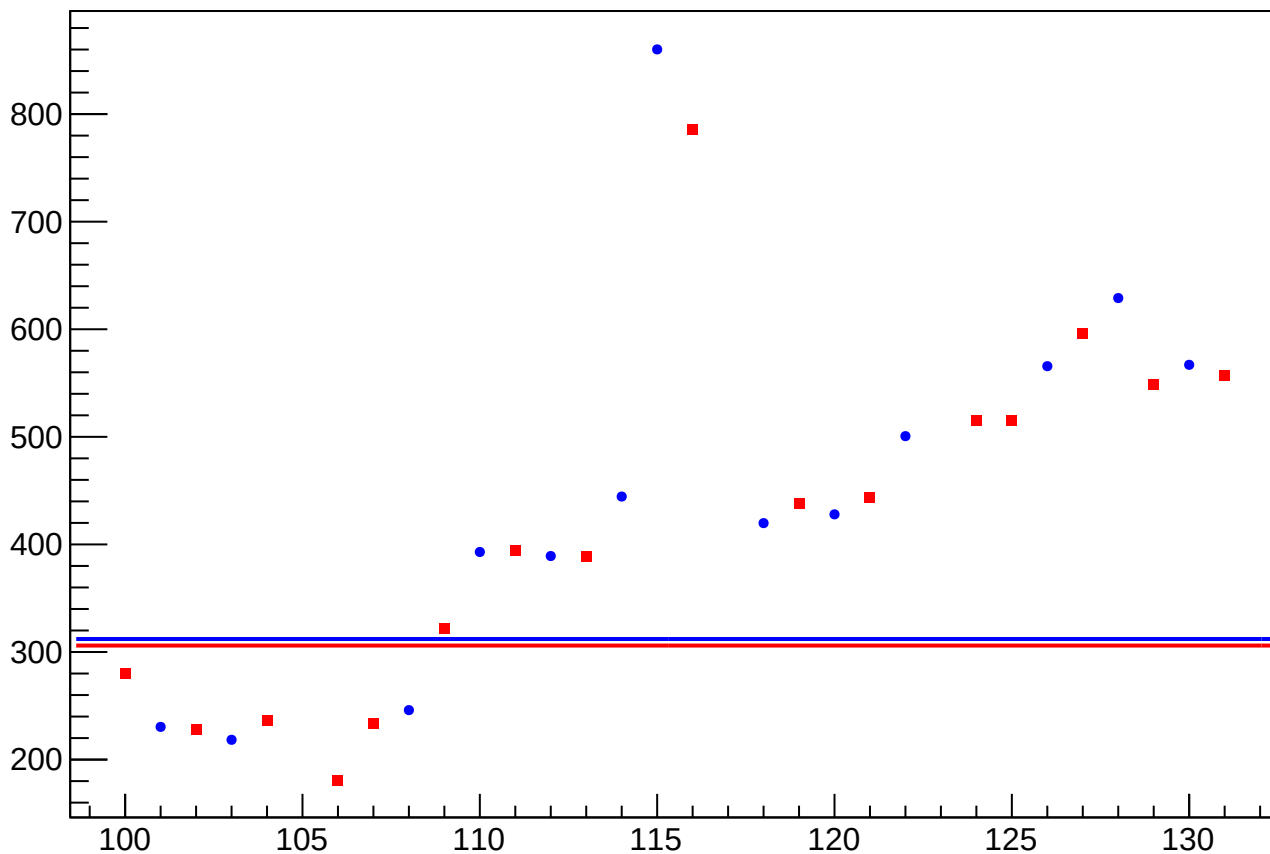
Right: -177.897 ± 97.210 χ^2/NDF : 22.0/28

In: -184.706 ± 143.306 χ^2/NDF : 8.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -177.897 ± 97.210 χ^2/NDF : 22.0/28

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 306.002+/-0.094 χ^2/NDF : 1700106.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

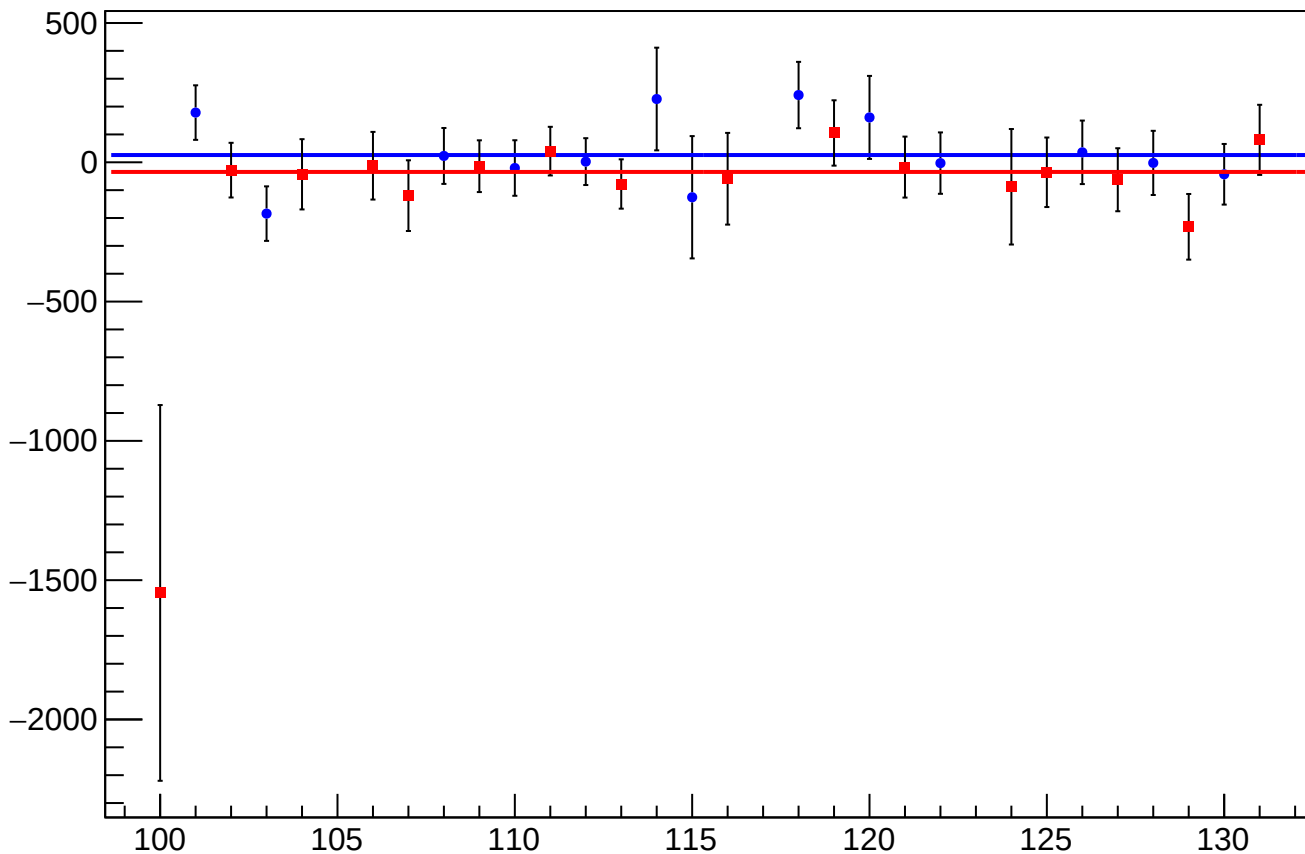
Right: 308.805+/-0.069 χ^2/NDF : 3211841.9/28

In: 312.093+/-0.101 χ^2/NDF :1509785.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 308.805+/-0.069 χ^2/NDF : 3211841.9/28

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.609+/-29.267 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

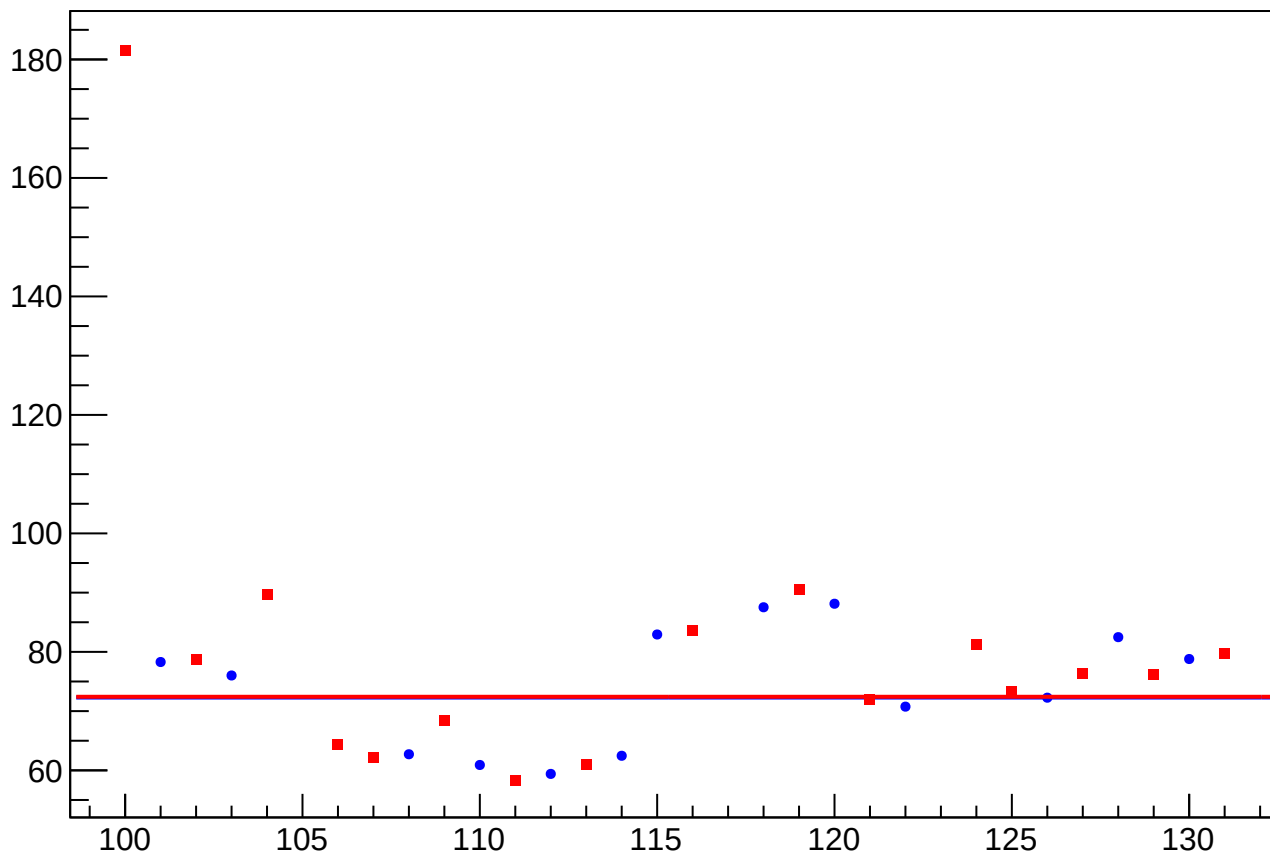
Right: -6.095+/-21.308 χ^2/NDF : 27.4/28

In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.095+/-21.308 χ^2/NDF : 27.4/28

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.293+/-0.022 χ^2/NDF : 190605.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.419+/-0.021 χ^2/NDF : 281364.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

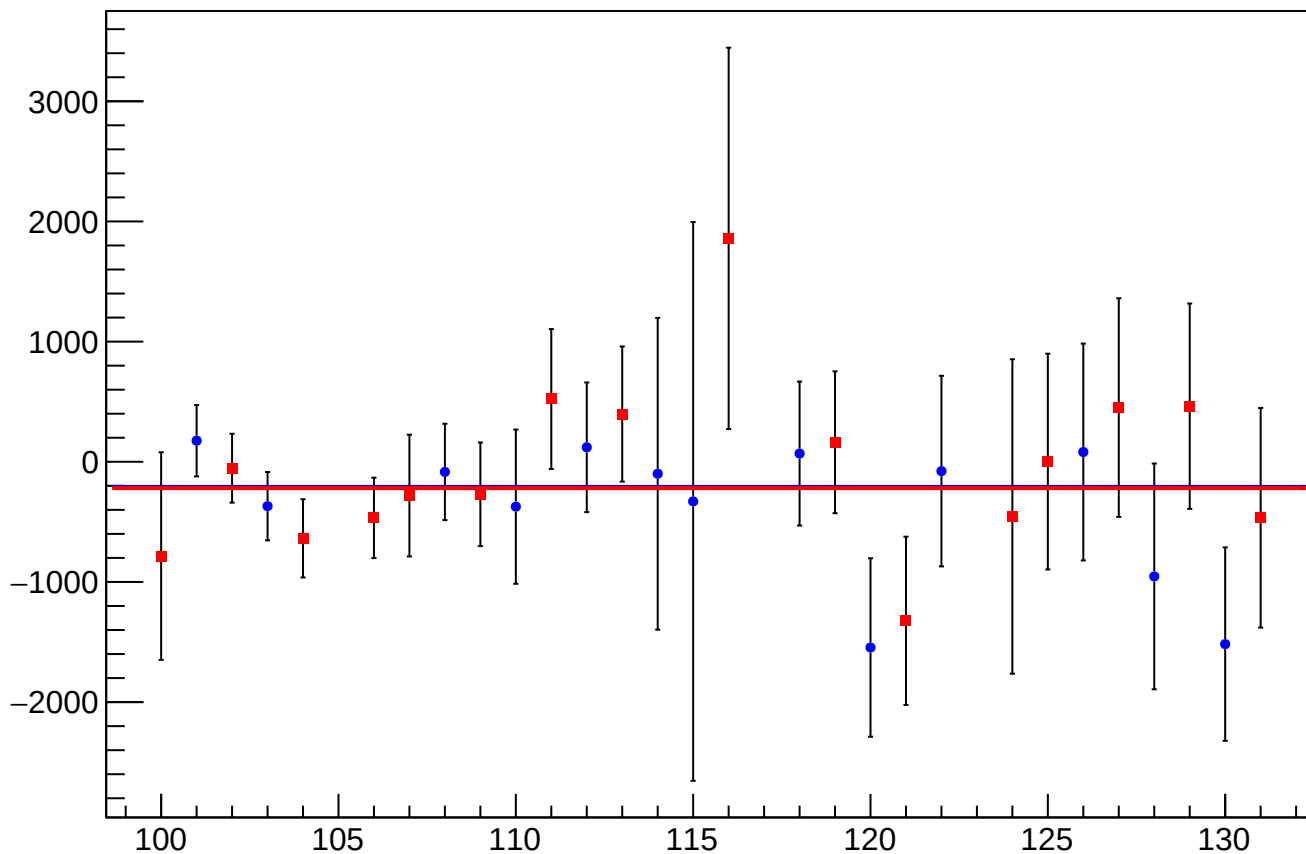
Right: 72.360+/-0.015 χ^2/NDF : 471987.4/28

In: 72.293+/-0.022 χ^2/NDF : 190605.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.360+/-0.015 χ^2/NDF : 471987.4/28

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -209.475 ± 146.415 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -219.564 ± 131.083 χ^2/NDF : 11.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

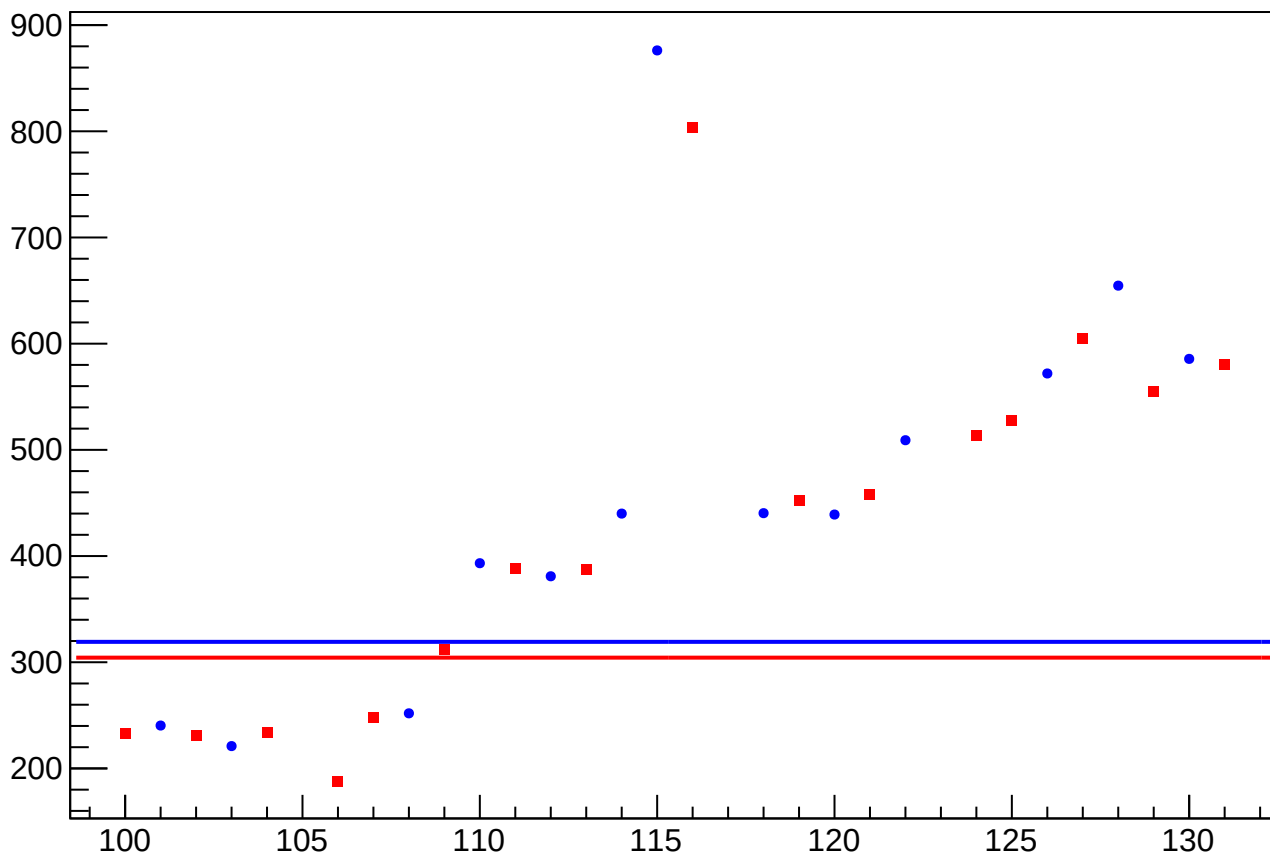
Right: -215.075 ± 97.662 χ^2/NDF : 21.2/28

In: -209.475 ± 146.415 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -215.075 ± 97.662 χ^2/NDF : 21.2/28

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 319.203+/-0.104 χ^2/NDF : 1499944.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.328+/-0.093 χ^2/NDF : 1762028.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

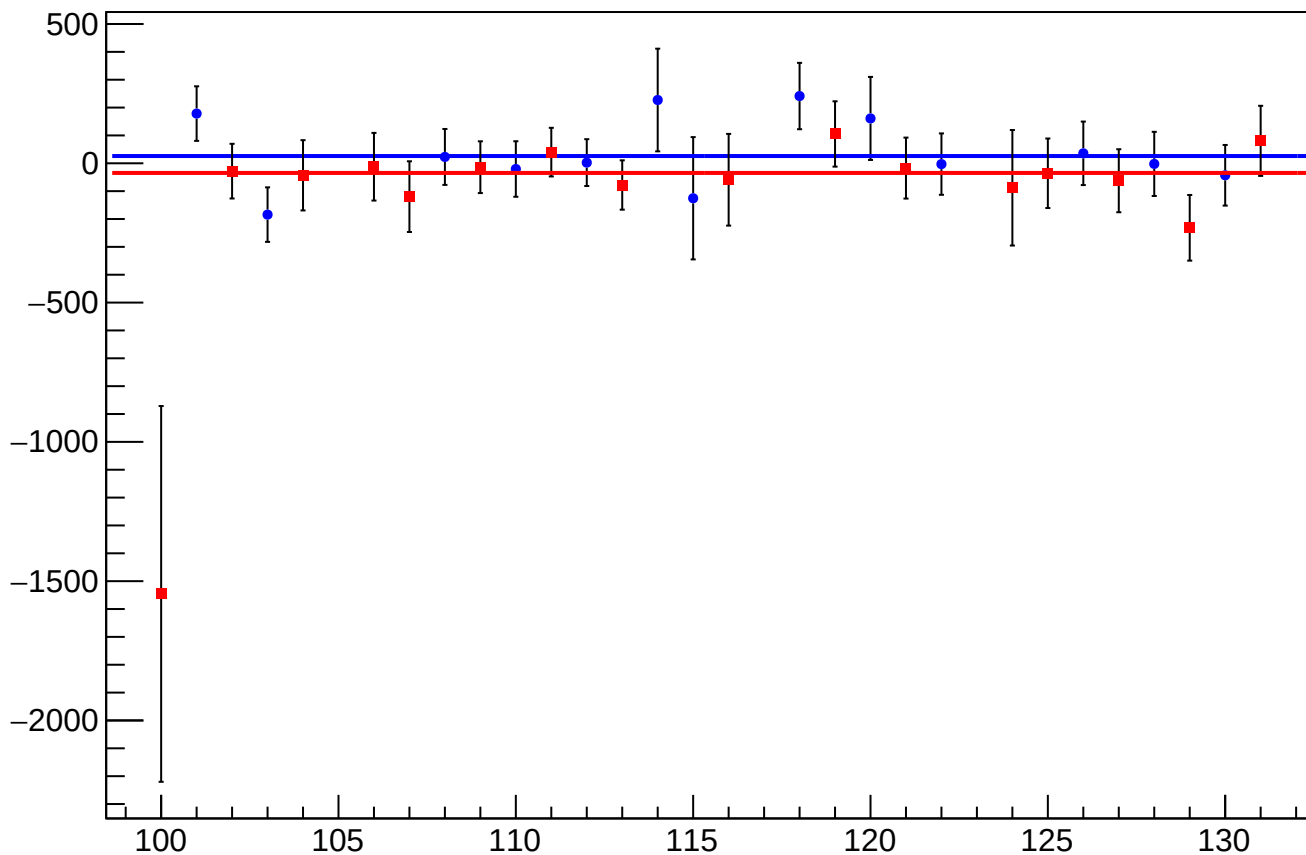
Right: 310.946+/-0.069 χ^2/NDF : 3273432.4/28

In: 319.203+/-0.104 χ^2/NDF : 1499944.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.946+/-0.069 χ^2/NDF : 3273432.4/28

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.610+/-29.267 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

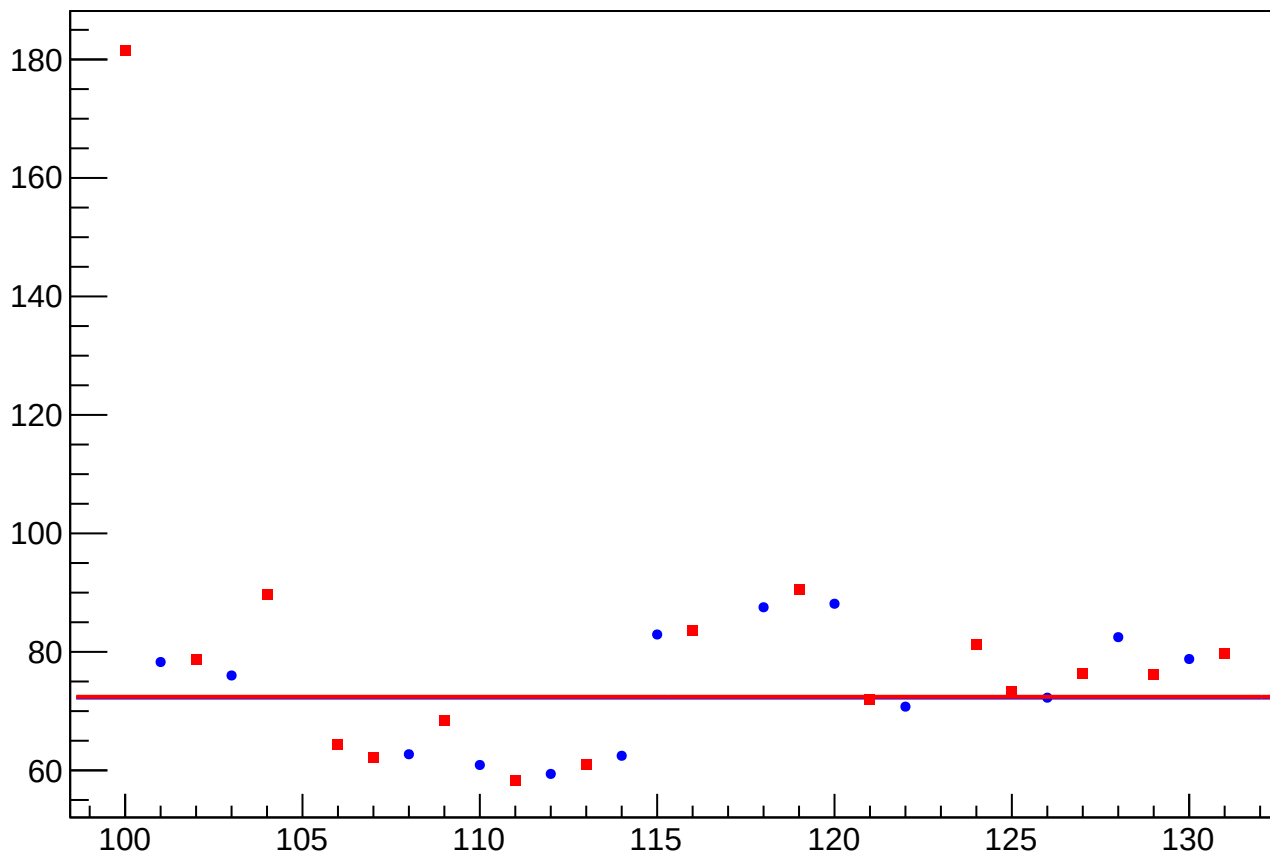
Right: -6.095+/-21.308 χ^2/NDF : 27.4/28

In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.095+/-21.308 χ^2/NDF : 27.4/28

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.293+/-0.022 χ^2/NDF : 190604.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.420+/-0.021 χ^2/NDF : 281368.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

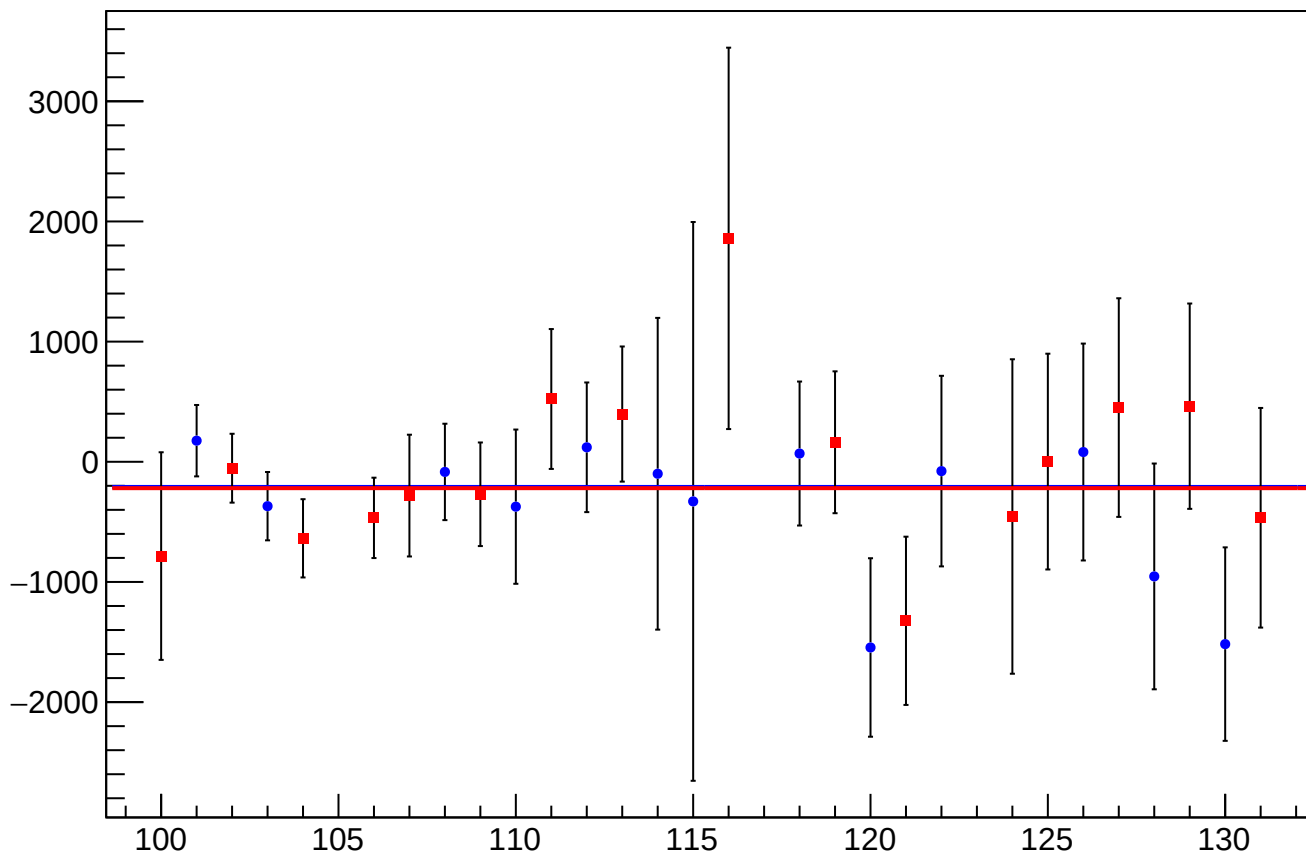
Right: 72.360+/-0.015 χ^2/NDF : 471990.6/28

In: 72.293+/-0.022 χ^2/NDF : 190604.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.360+/-0.015 χ^2/NDF : 471990.6/28

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -209.475 ± 146.415 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -219.564 ± 131.083 χ^2/NDF : 11.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

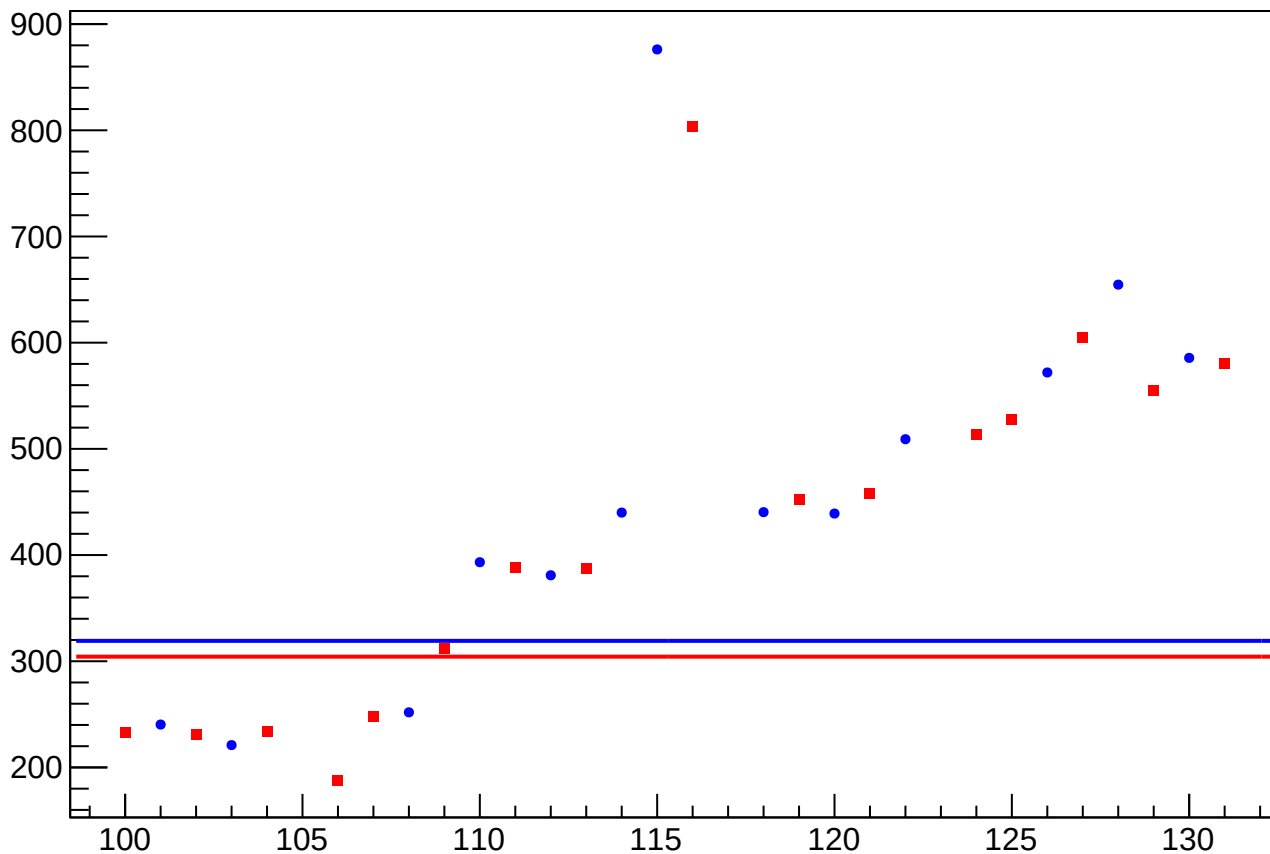
Right: -215.075 ± 97.662 χ^2/NDF : 21.2/28

In: -209.475 ± 146.415 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -215.075 ± 97.662 χ^2/NDF : 21.2/28

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 319.203+/-0.104 χ^2/NDF : 1499944.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.328+/-0.093 χ^2/NDF : 1762028.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

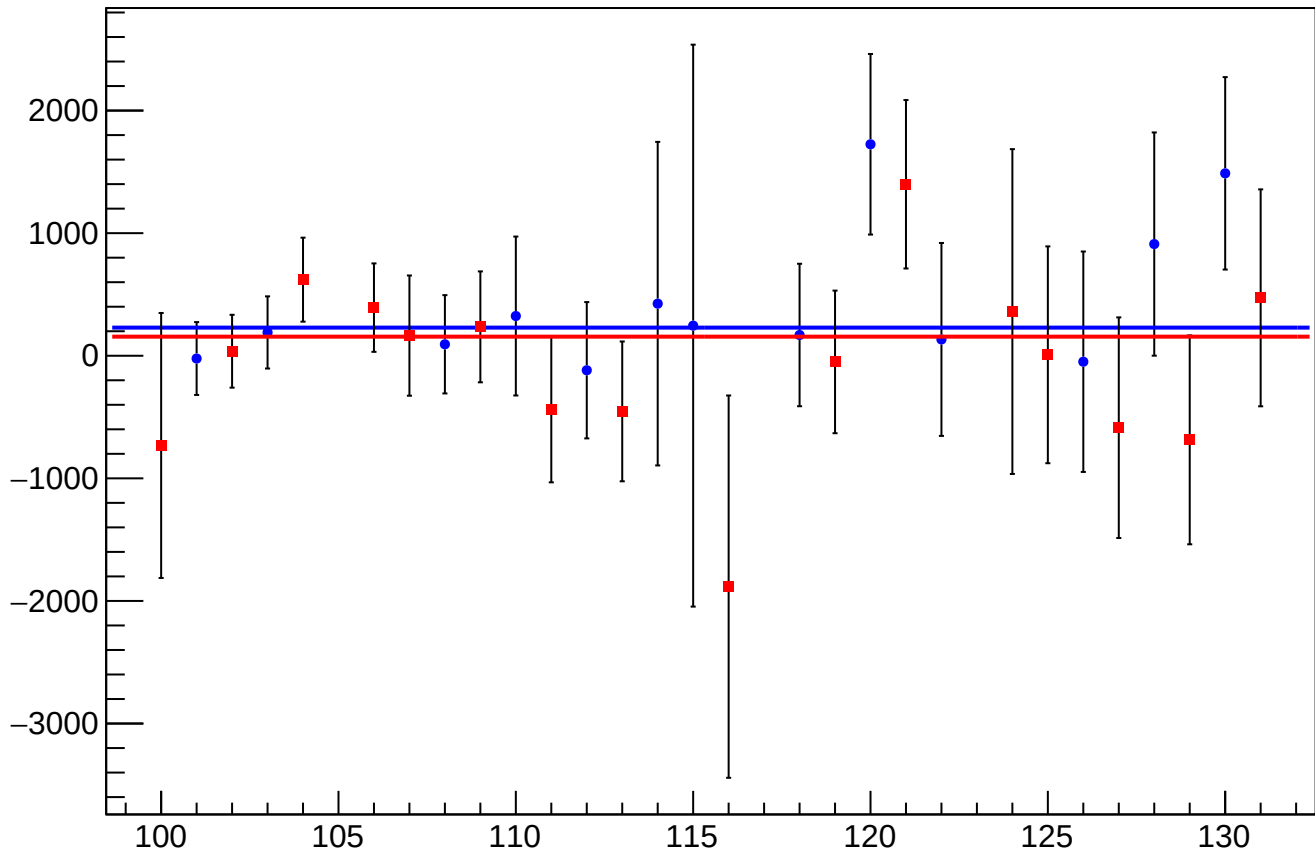
Right: 310.946+/-0.069 χ^2/NDF : 3273432.3/28

In: 319.203+/-0.104 χ^2/NDF : 1499944.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.946+/-0.069 χ^2/NDF : 3273432.3/28

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 229.551 $\pm$ 147.505 χ^2 /NDF: 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.787 $\pm$ 135.382 χ^2 /NDF: 12.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

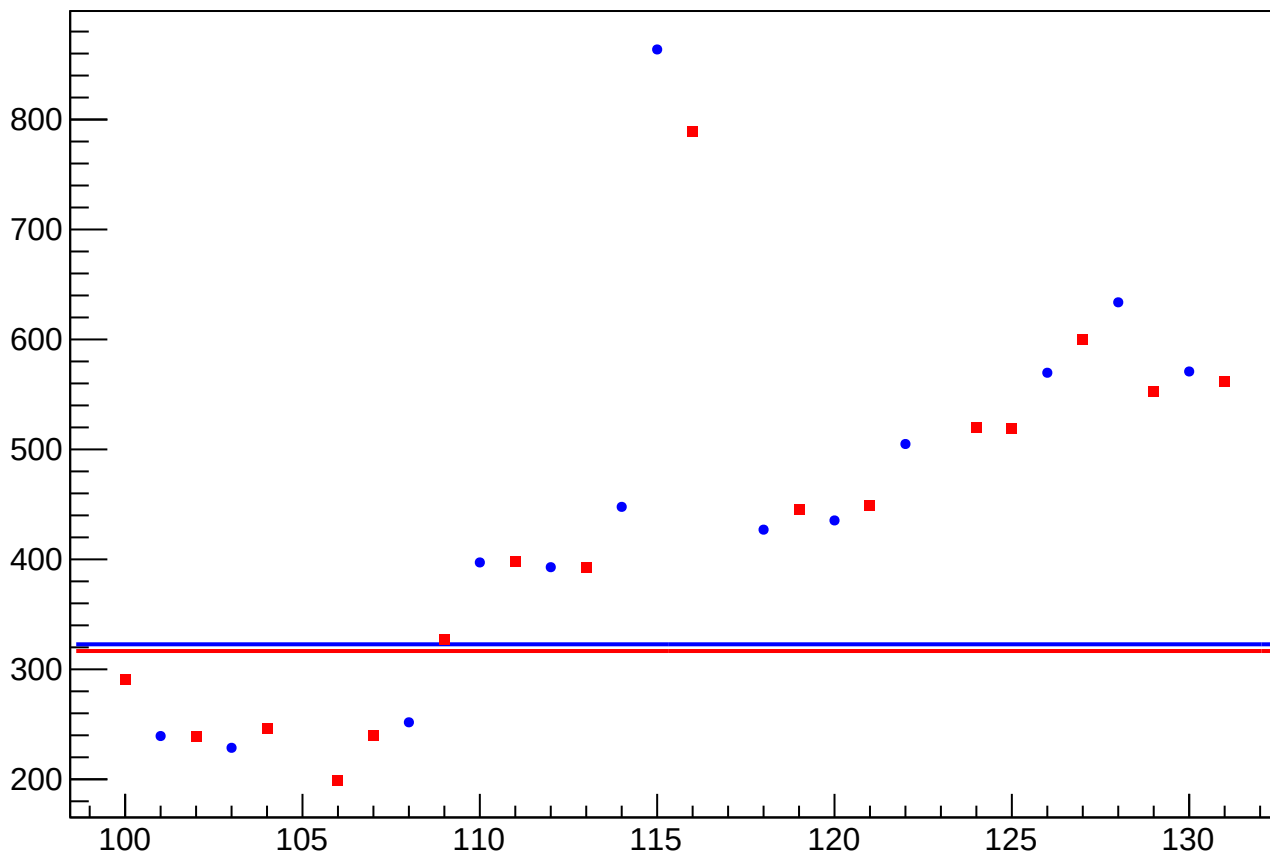
Right: 189.514 $\pm$ 99.741 χ^2 /NDF: 21.0/28

In: 229.551 $\pm$ 147.505 χ^2 /NDF:8.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 189.514 $\pm$ 99.741 χ^2 /NDF: 21.0/28

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 322.763+/-0.104 χ^2/NDF : 1414973.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.651+/-0.096 χ^2/NDF : 1571674.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

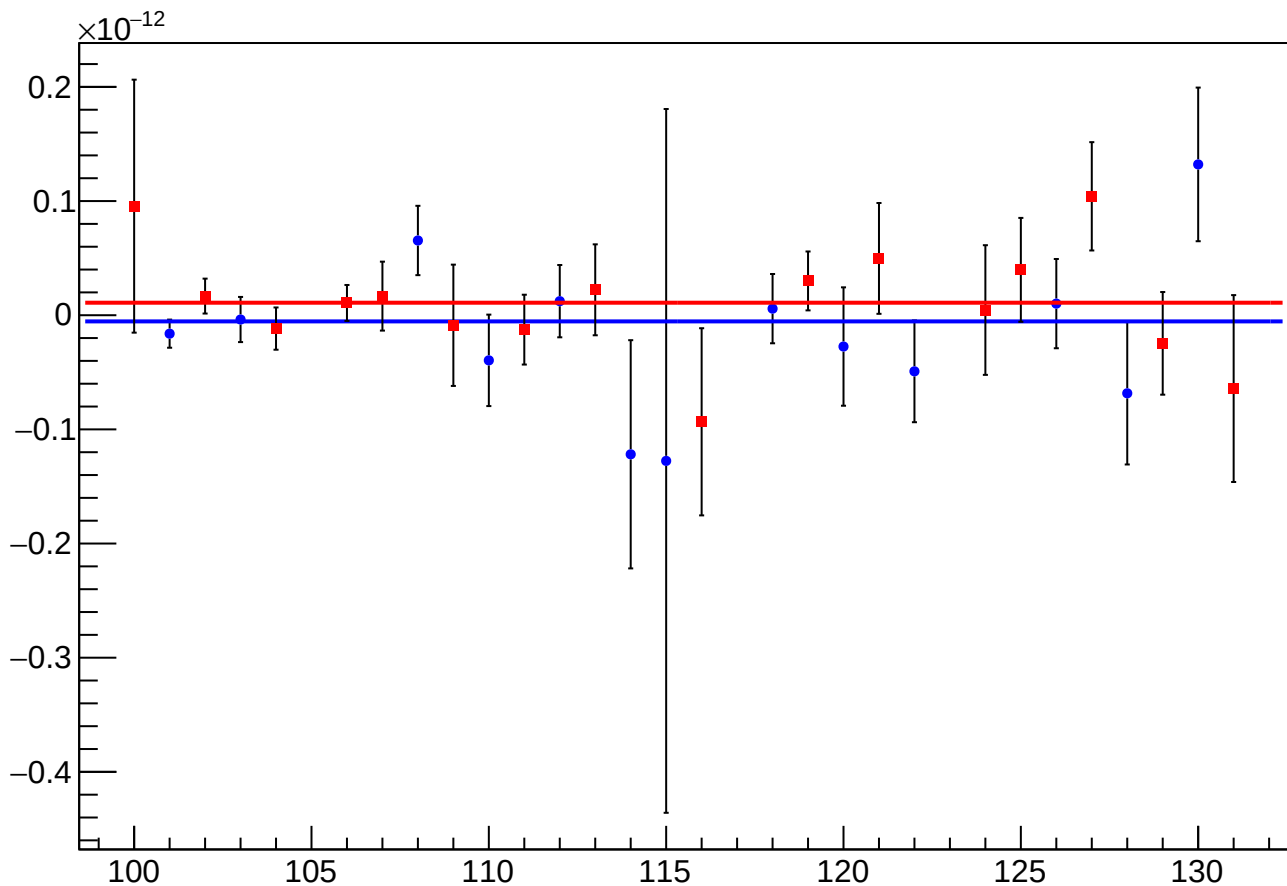
Right: 319.446+/-0.071 χ^2/NDF : 2988510.9/28

In: 322.763+/-0.104 χ^2/NDF : 1414973.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.446+/-0.071 χ^2/NDF : 2988510.9/28

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

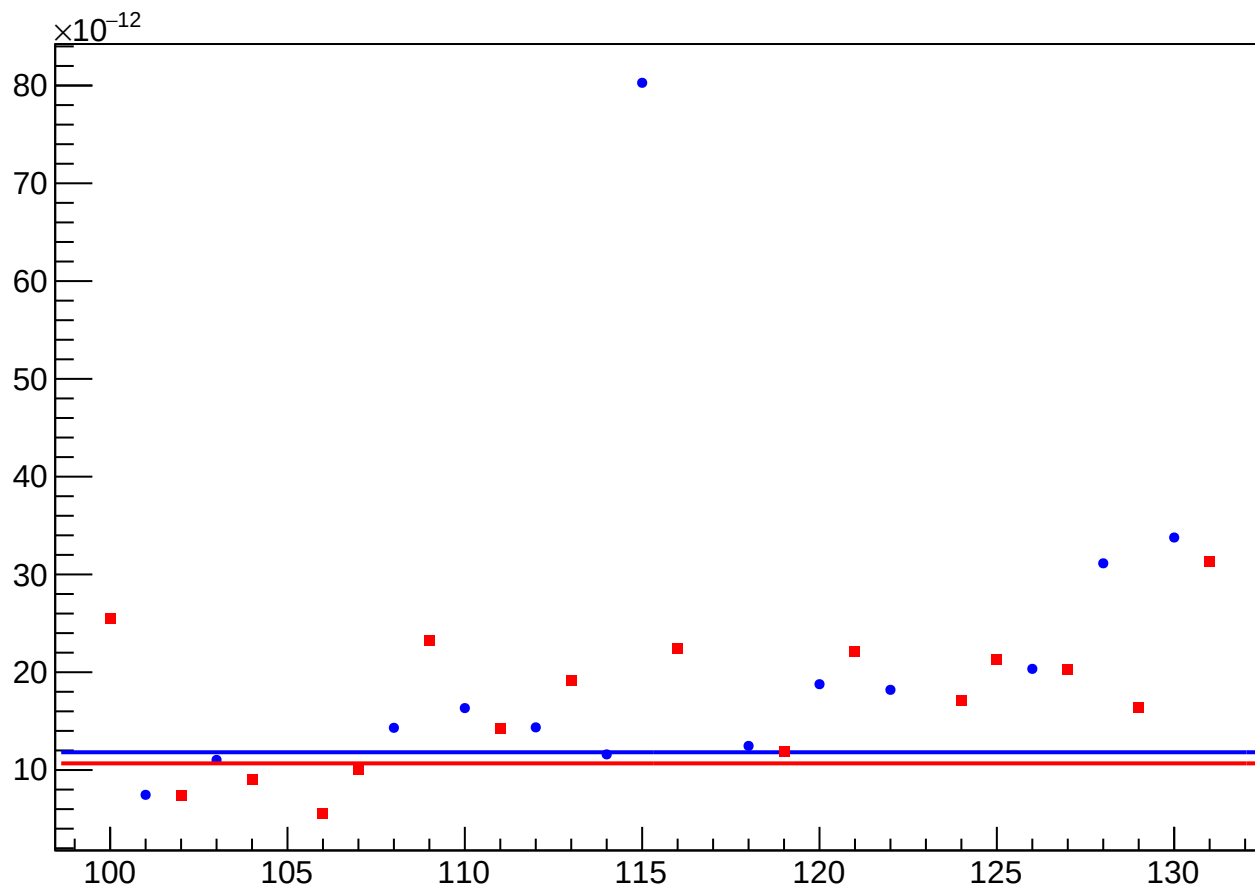
Right: 0.000+/-0.000 χ^2/NDF : 29.2/28

In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.2/28

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 981485.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1122488.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

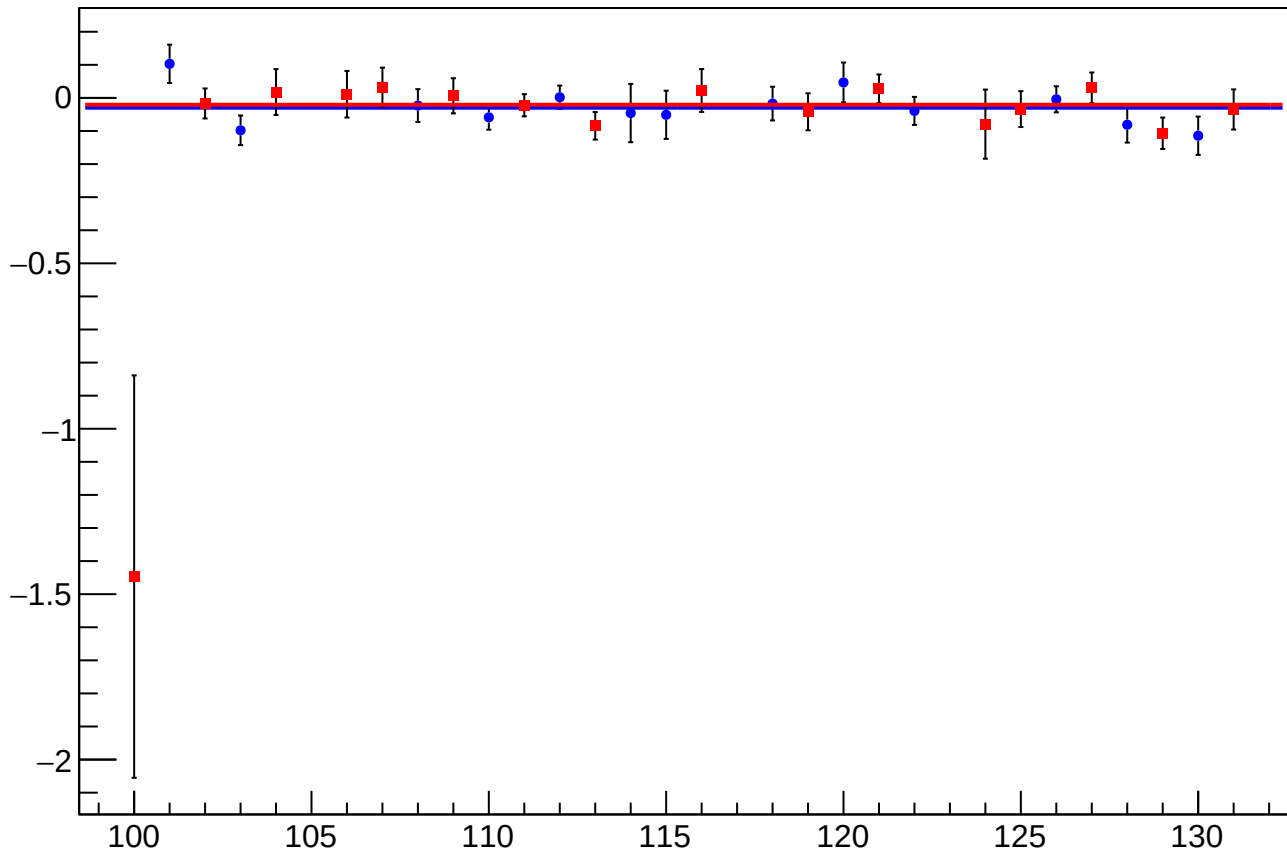
Right: 0.000+/-0.000 χ^2/NDF : 2125318.7/28

In: 0.000+/-0.000 χ^2/NDF : 981485.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2125318.7/28

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

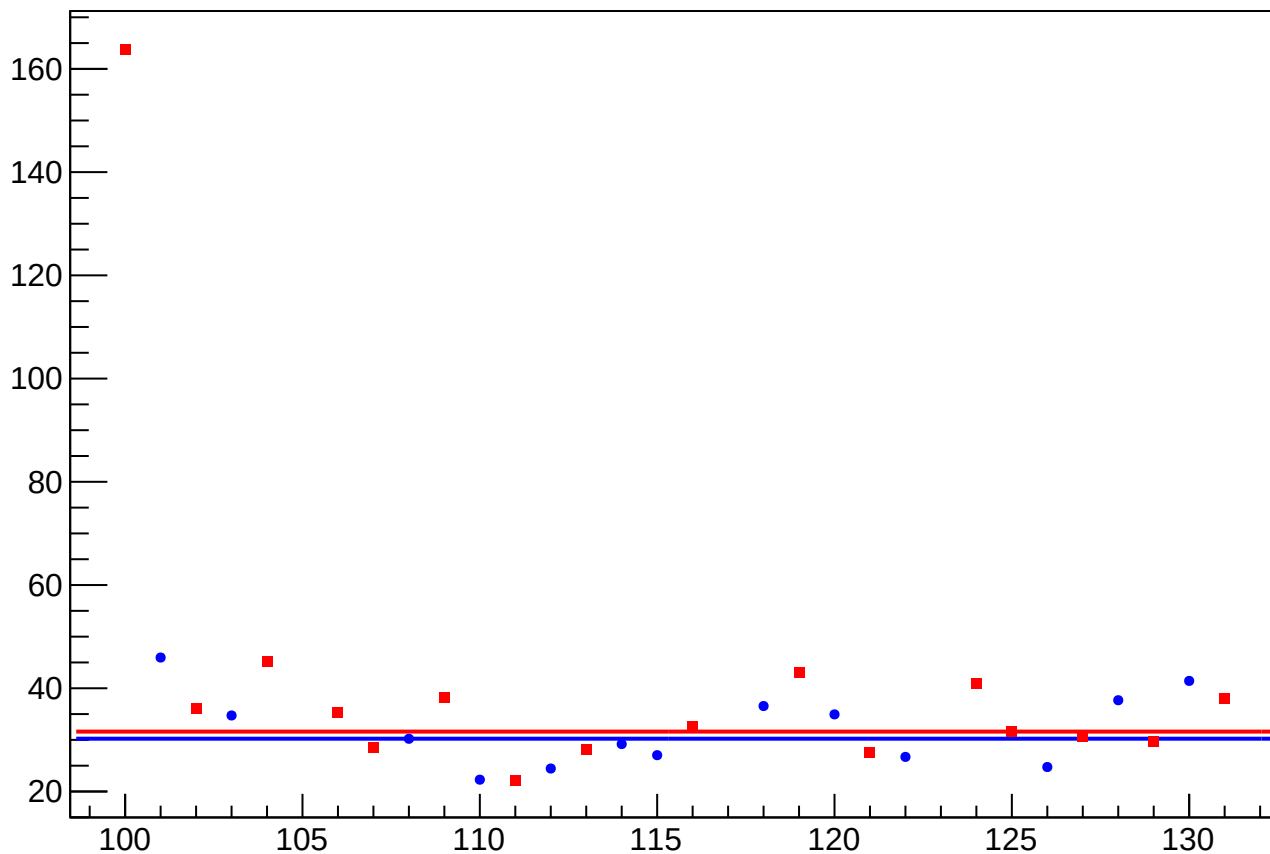
Right: -0.025 ± 0.009 χ^2/NDF : 30.7/28

In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.009 χ^2/NDF : 30.7/28

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

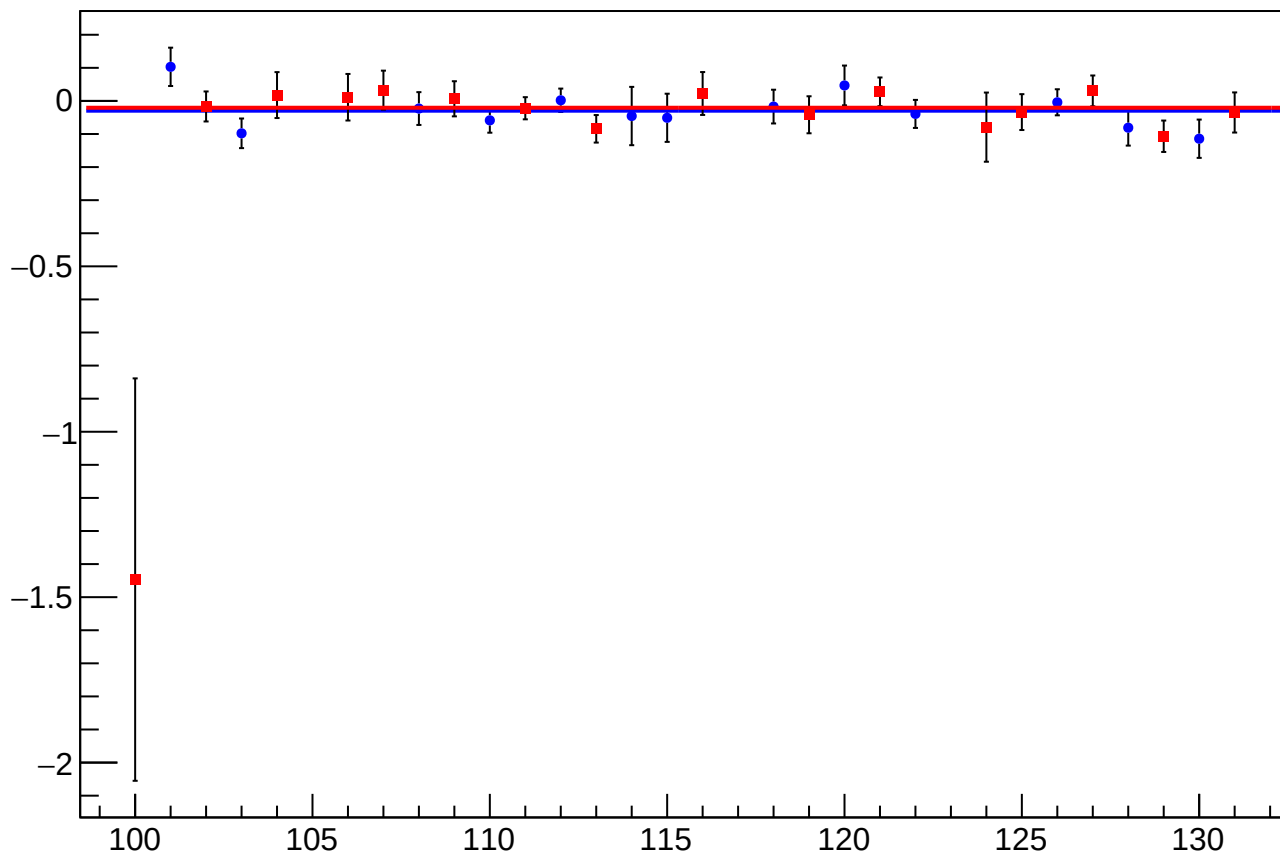
Right: 30.929+/-0.007 χ^2/NDF : 1085907.2/28

In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.007 χ^2/NDF : 1085907.2/28

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

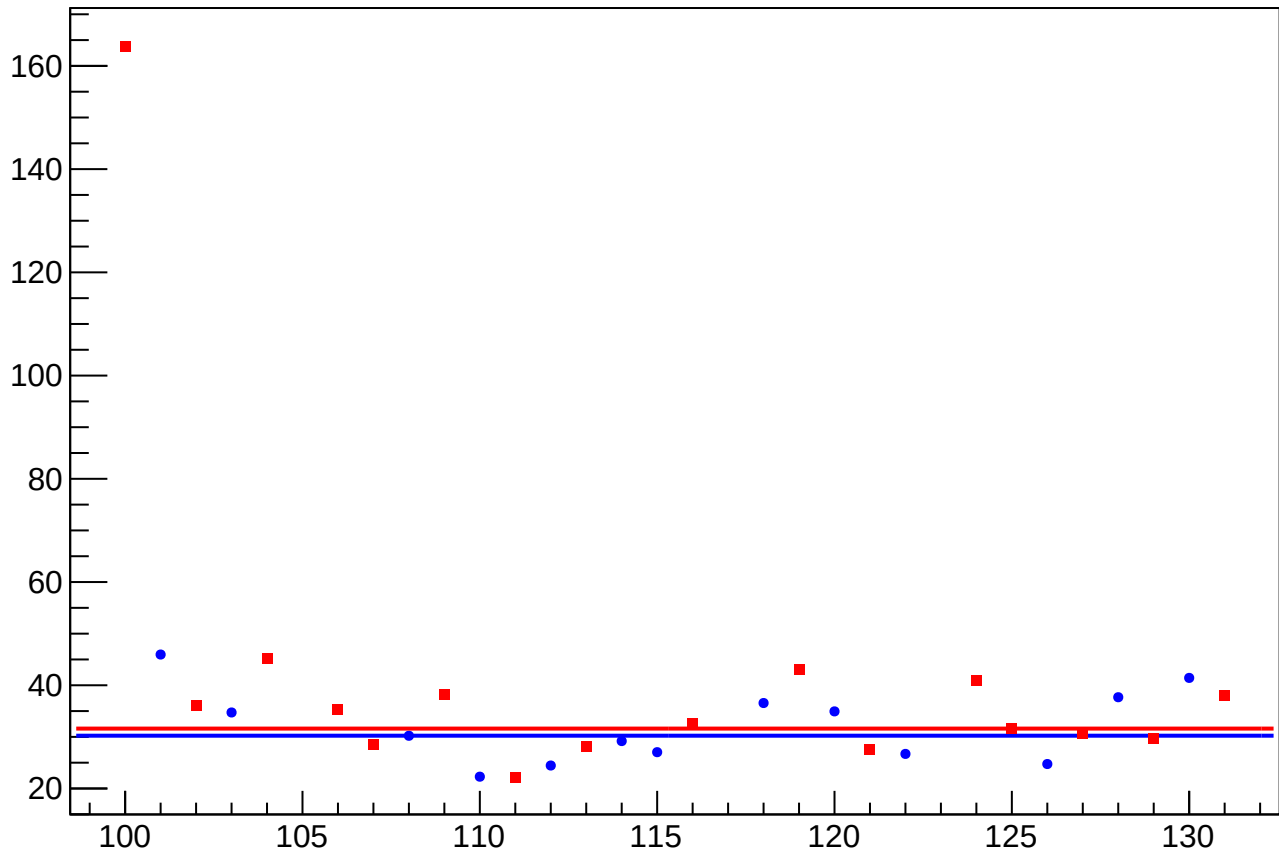
Right: -0.025 ± 0.009 χ^2/NDF : 30.7/28

In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.009 χ^2/NDF : 30.7/28

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

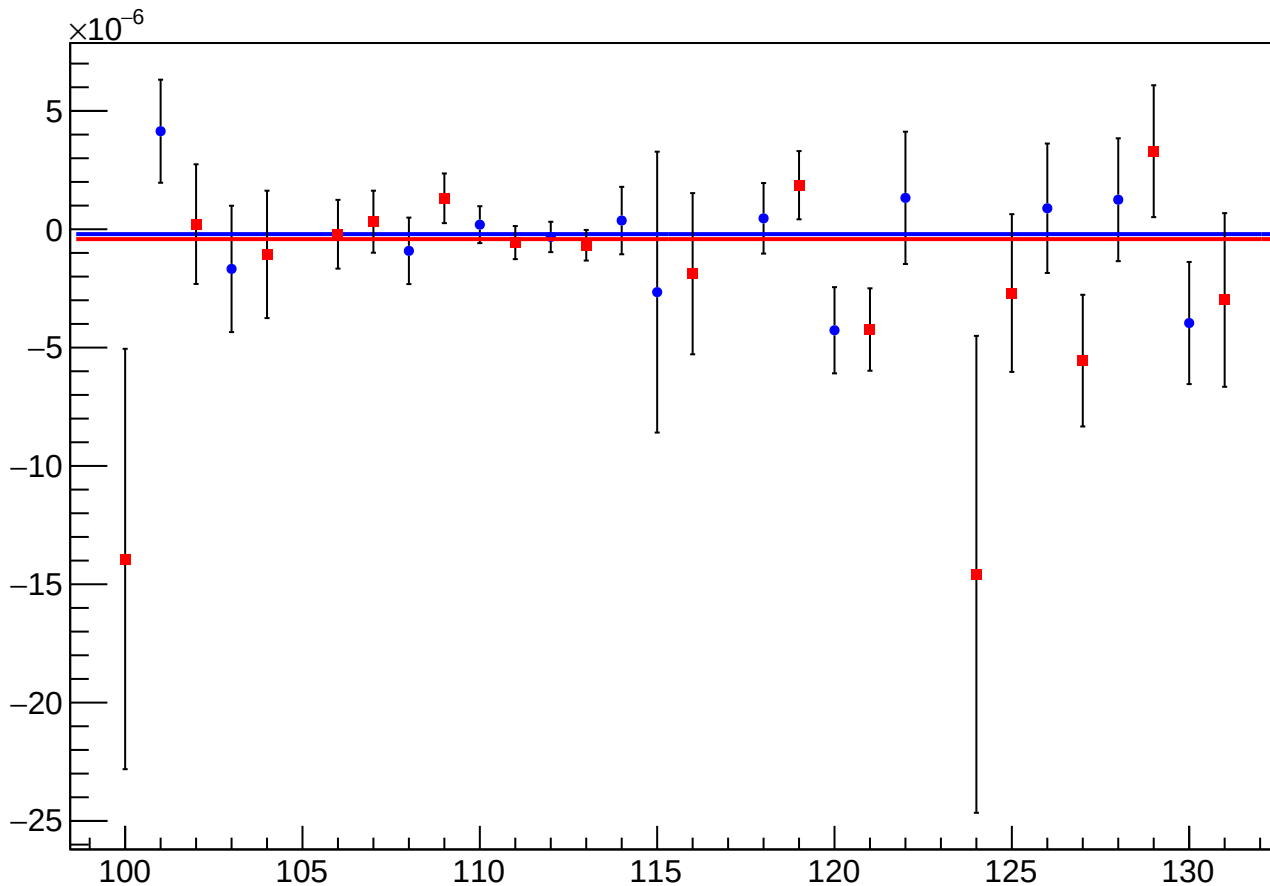
Right: 30.929+/-0.007 χ^2/NDF : 1085907.2/28

In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.007 χ^2/NDF : 1085907.2/28

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 13.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 21.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

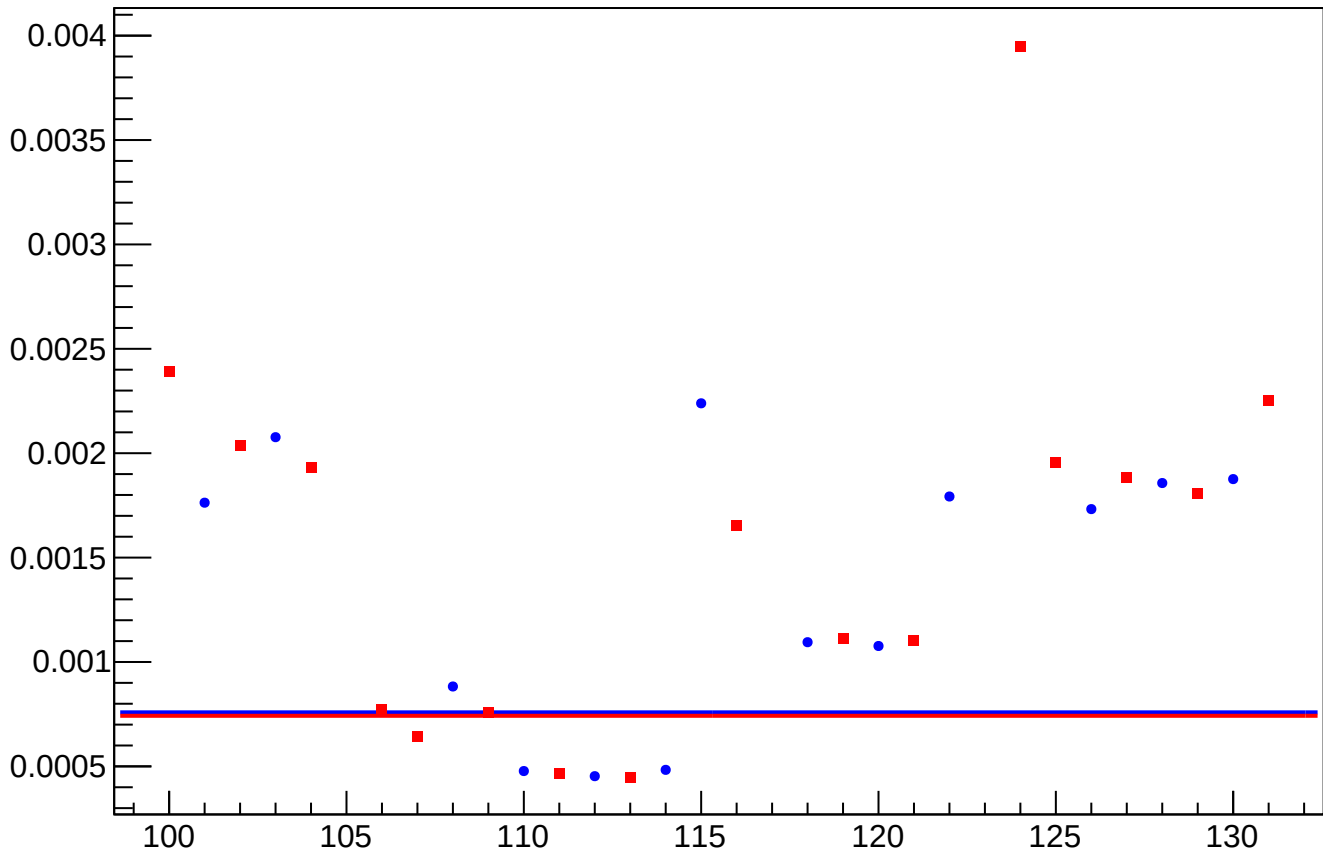
Right: -0.000 ± 0.000 χ^2/NDF : 34.7/28

In: -0.000 ± 0.000 χ^2/NDF : 13.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.7/28

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3264738.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3524127.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

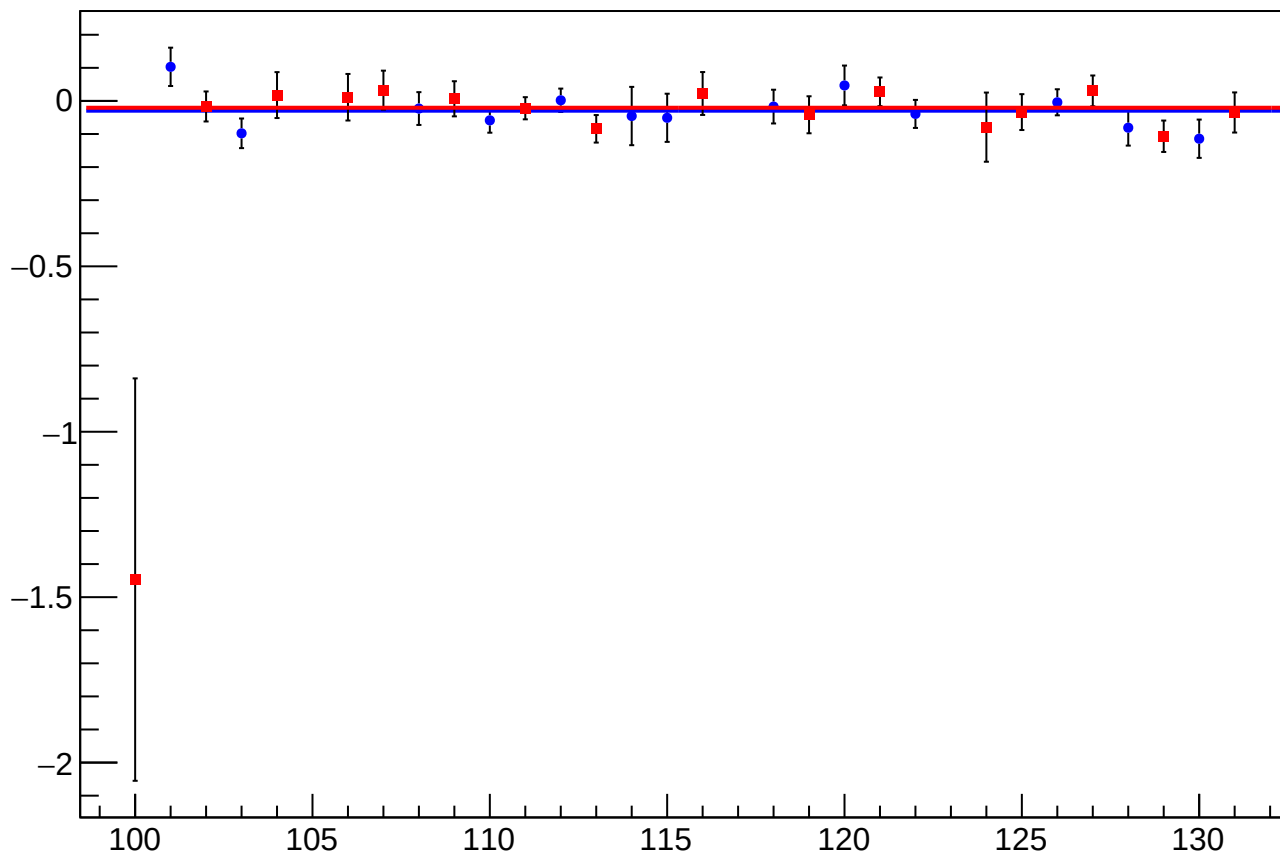
Right: 0.001+/-0.000 χ^2/NDF : 6790877.6/28

In: 0.001+/-0.000 χ^2/NDF : 3264738.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6790877.6/28

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

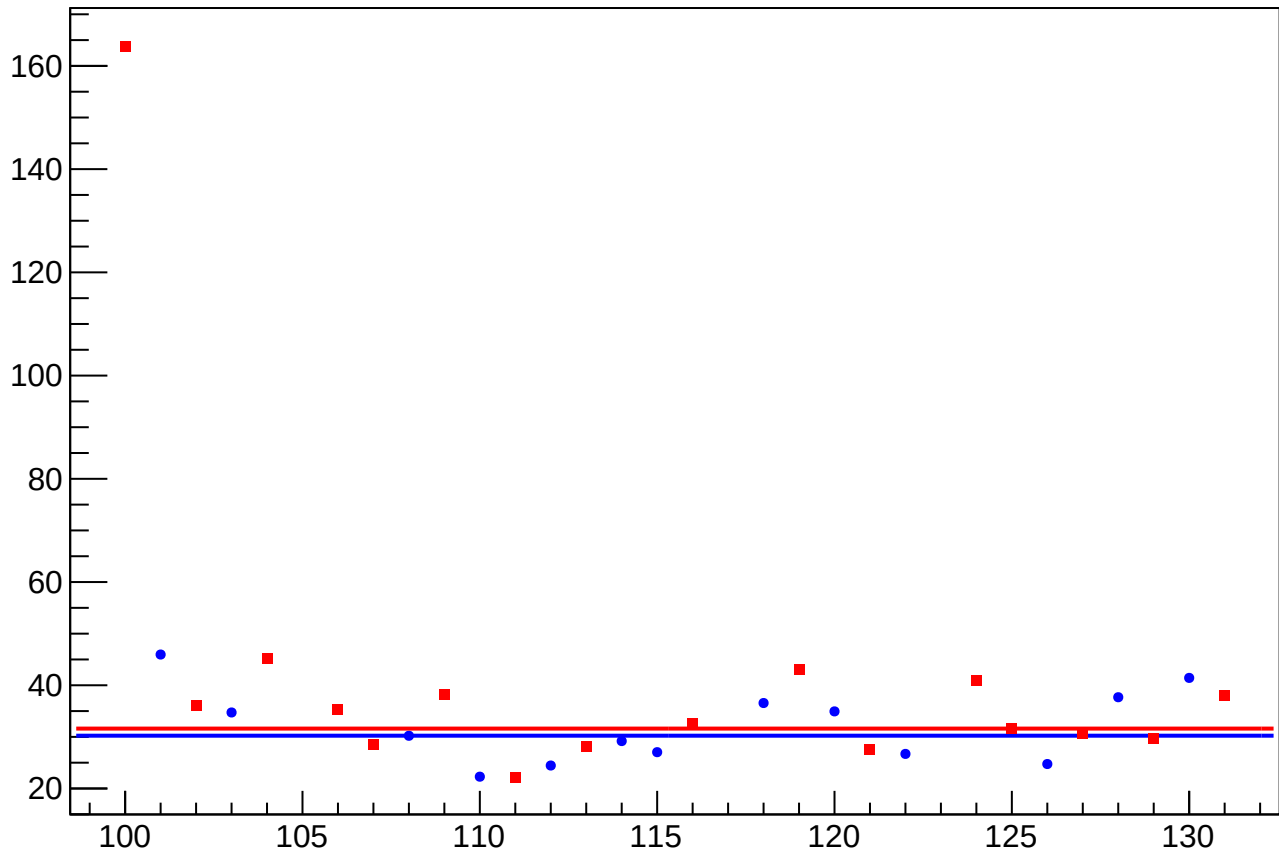
Right: -0.025 ± 0.009 χ^2/NDF : 30.7/28

In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.009 χ^2/NDF : 30.7/28

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

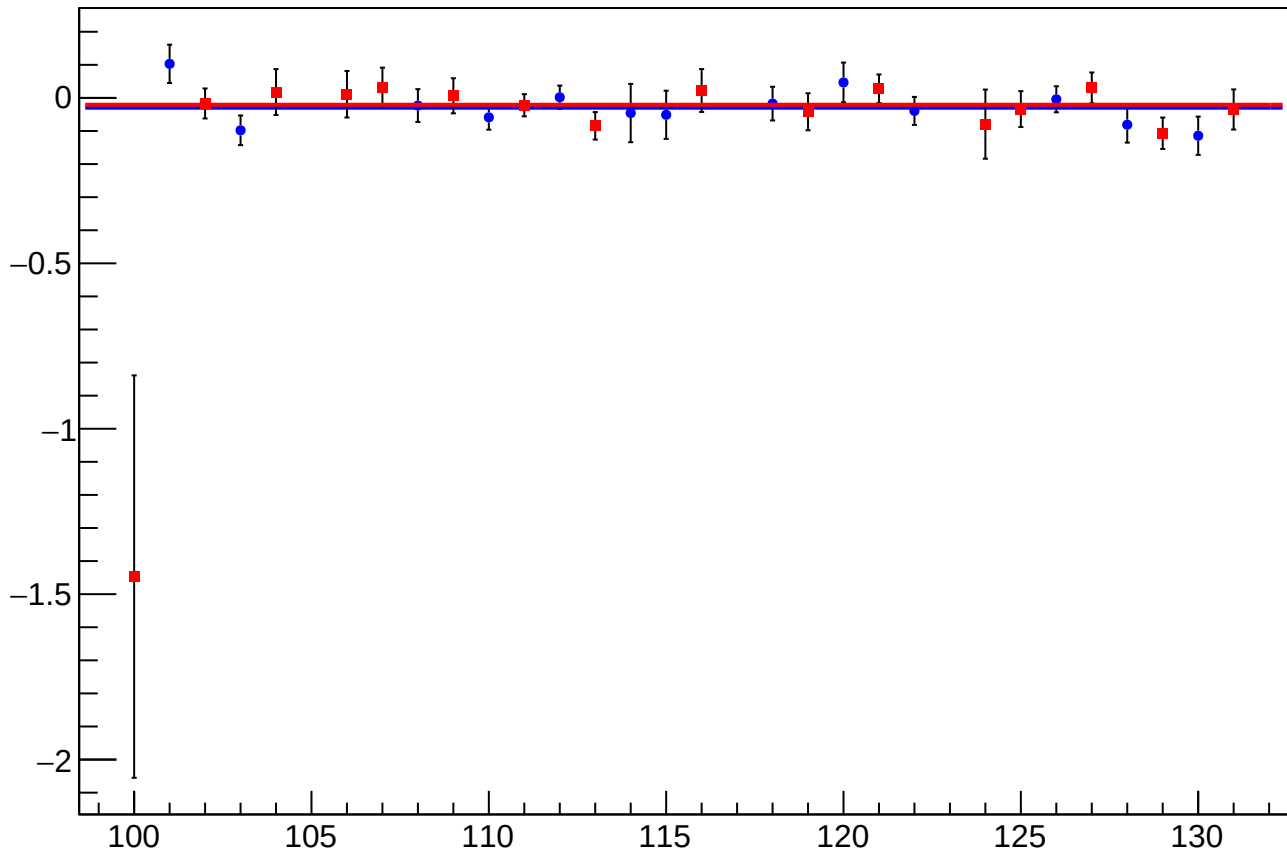
Right: 30.929+/-0.007 χ^2/NDF : 1085887.1/28

In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.007 χ^2/NDF : 1085887.1/28

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

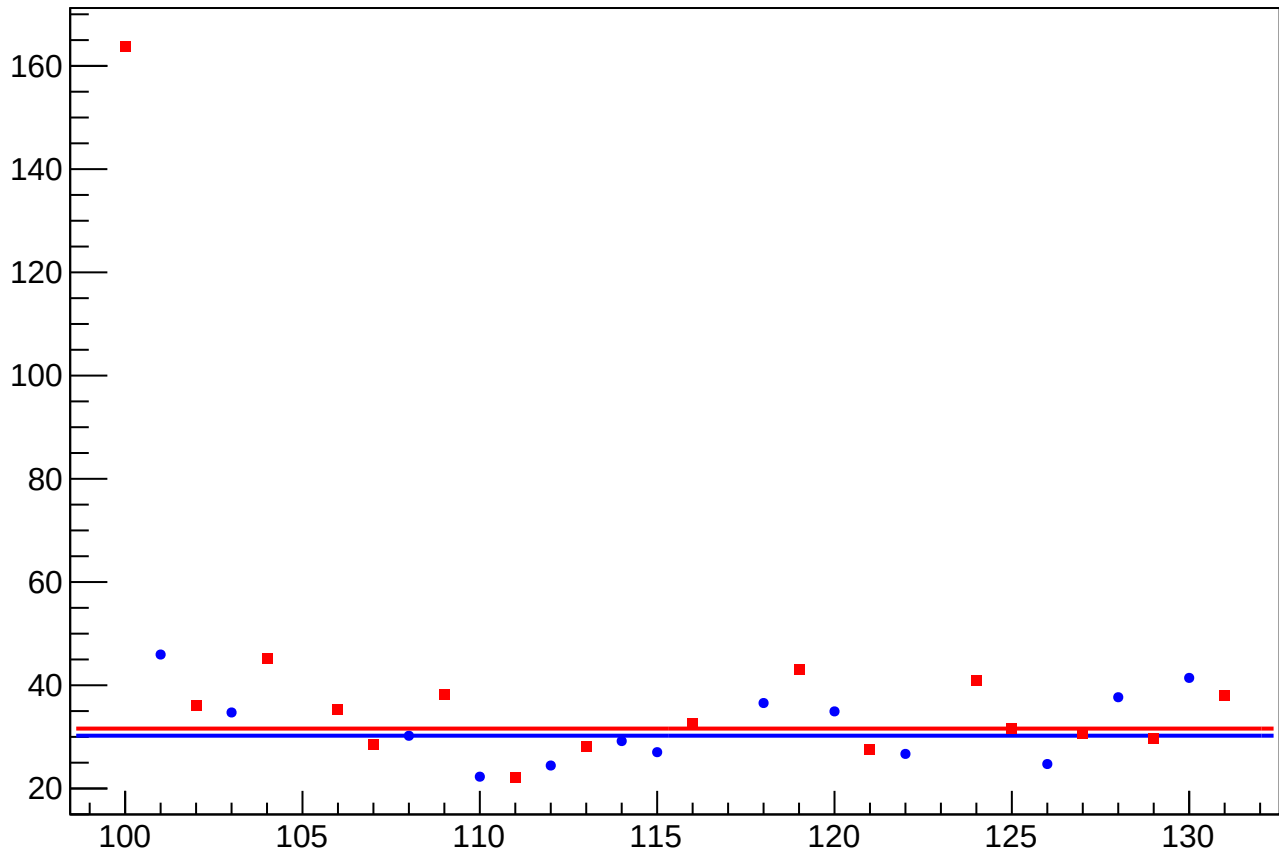
Right: -0.025 ± 0.009 χ^2/NDF : 30.7/28

In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.009 χ^2/NDF : 30.7/28

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

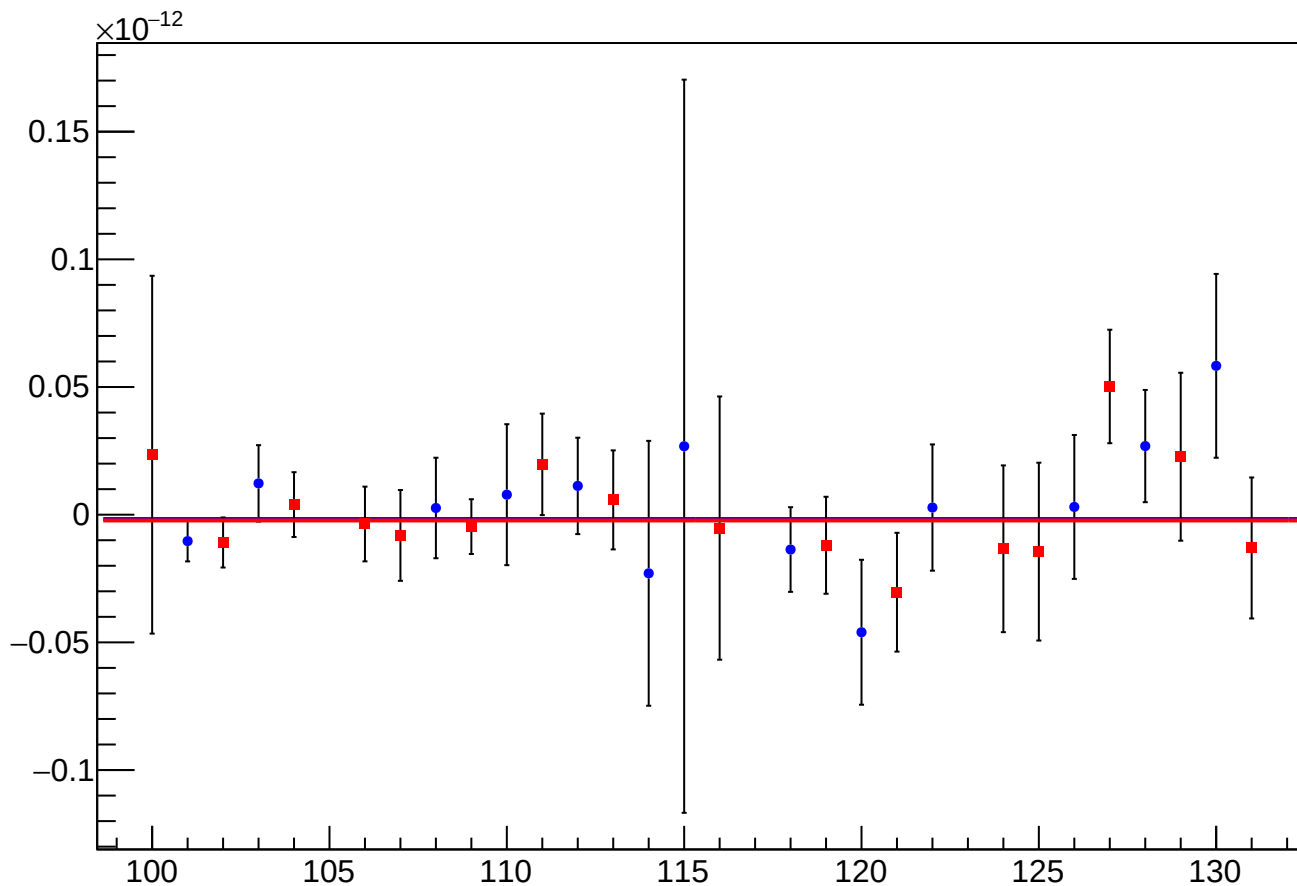
Right: 30.929+/-0.007 χ^2/NDF : 1085887.1/28

In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.007 χ^2/NDF : 1085887.1/28

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

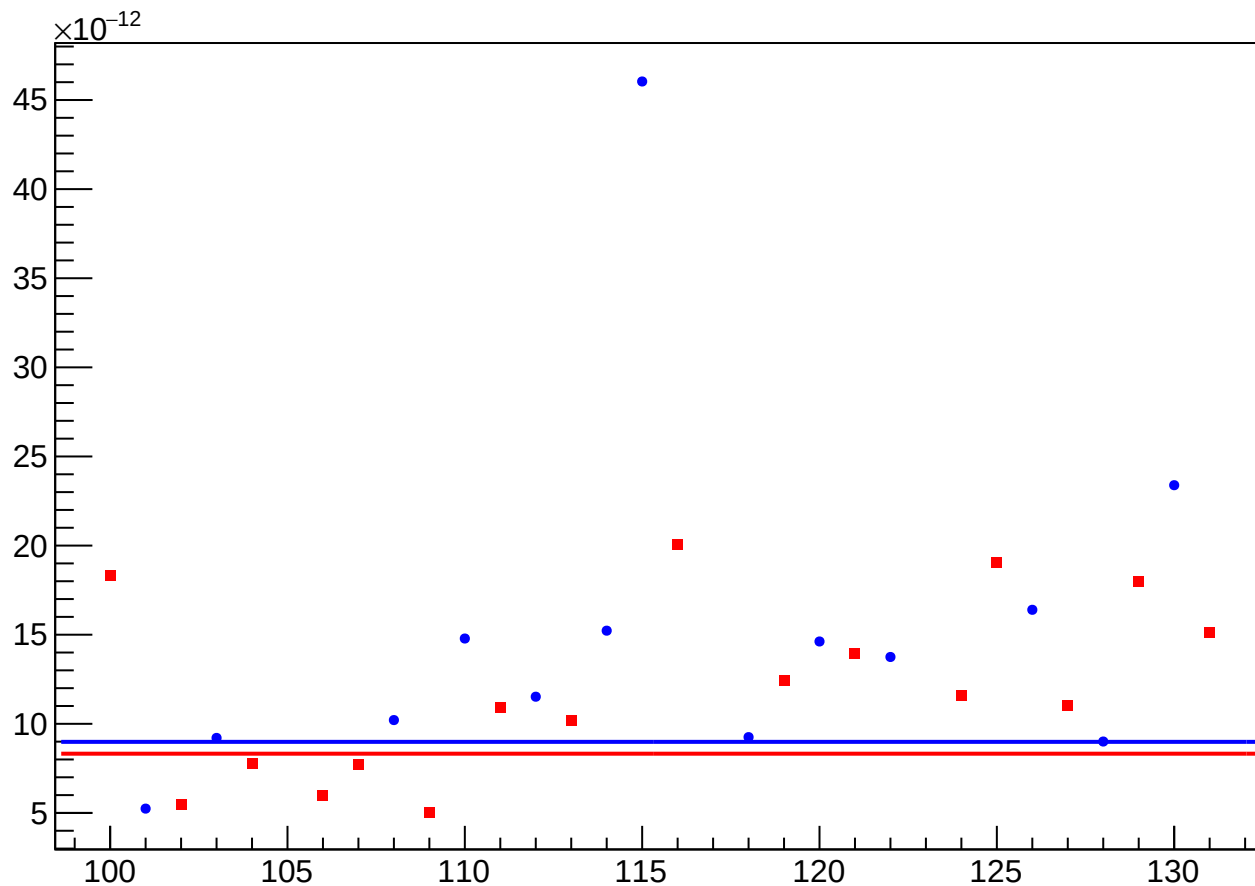
Right: -0.000+/-0.000 χ^2/NDF : 21.4/28

In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.4/28

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1350040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1358040.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

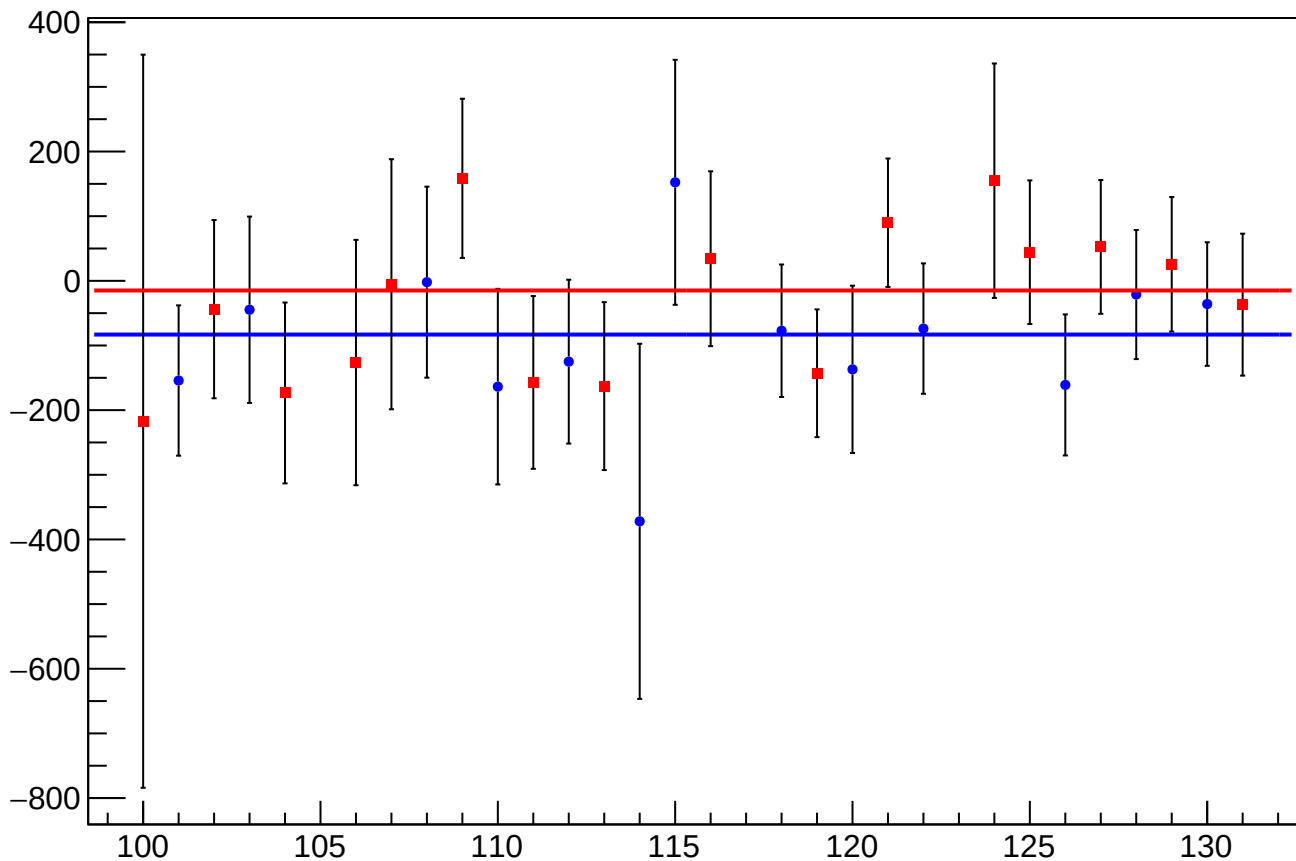
Right: 0.000+/-0.000 χ^2/NDF : 2727080.3/28

In: 0.000+/-0.000 χ^2/NDF : 1350040.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2727080.3/28

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -83.103+/-34.056 χ^2/NDF : 5.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.925+/-31.925 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

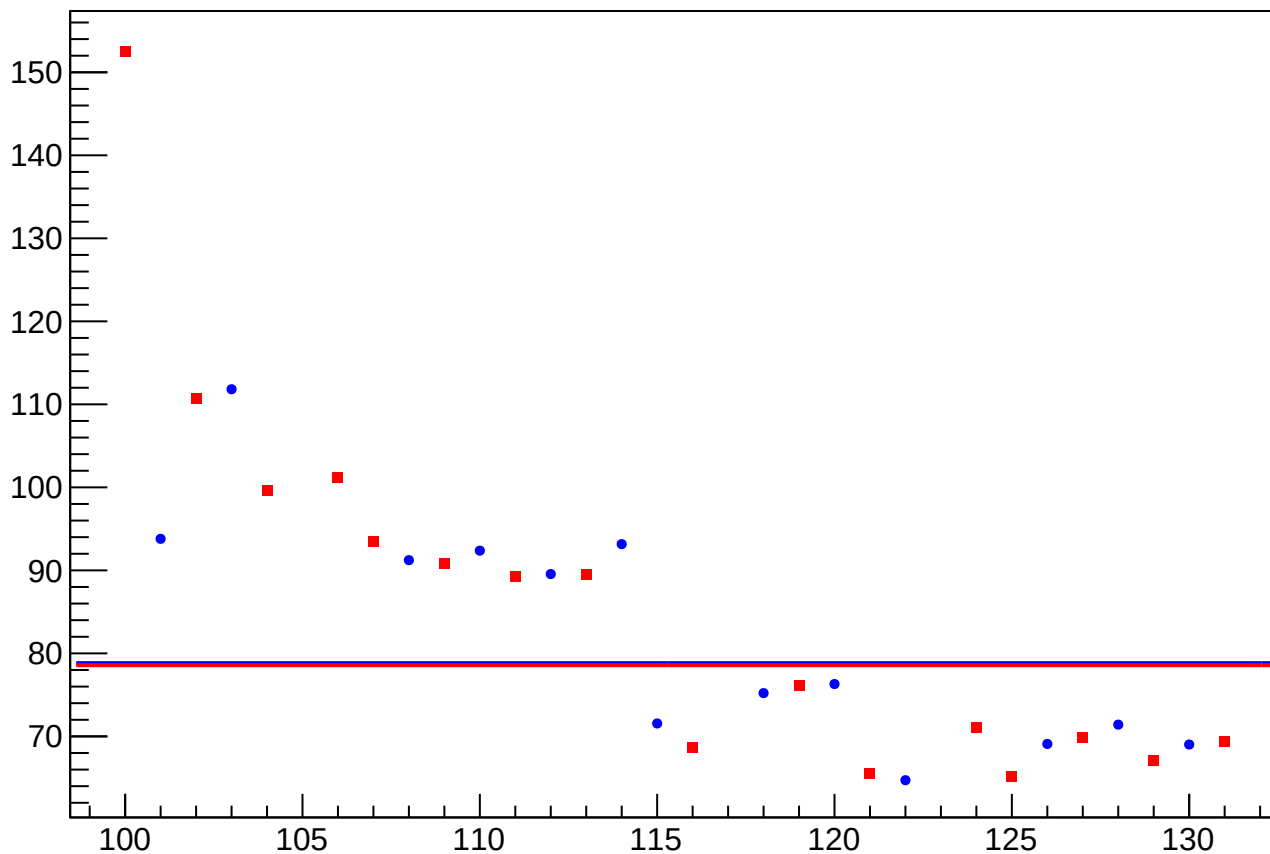
Right: -46.815+/-23.291 χ^2/NDF : 18.2/28

In: -83.103+/-34.056 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.815+/-23.291 χ^2/NDF : 18.2/28

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 78.822 $\pm$ 0.024 χ^2 /NDF: 281279.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 78.580 $\pm$ 0.023 χ^2 /NDF: 406547.5/15

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

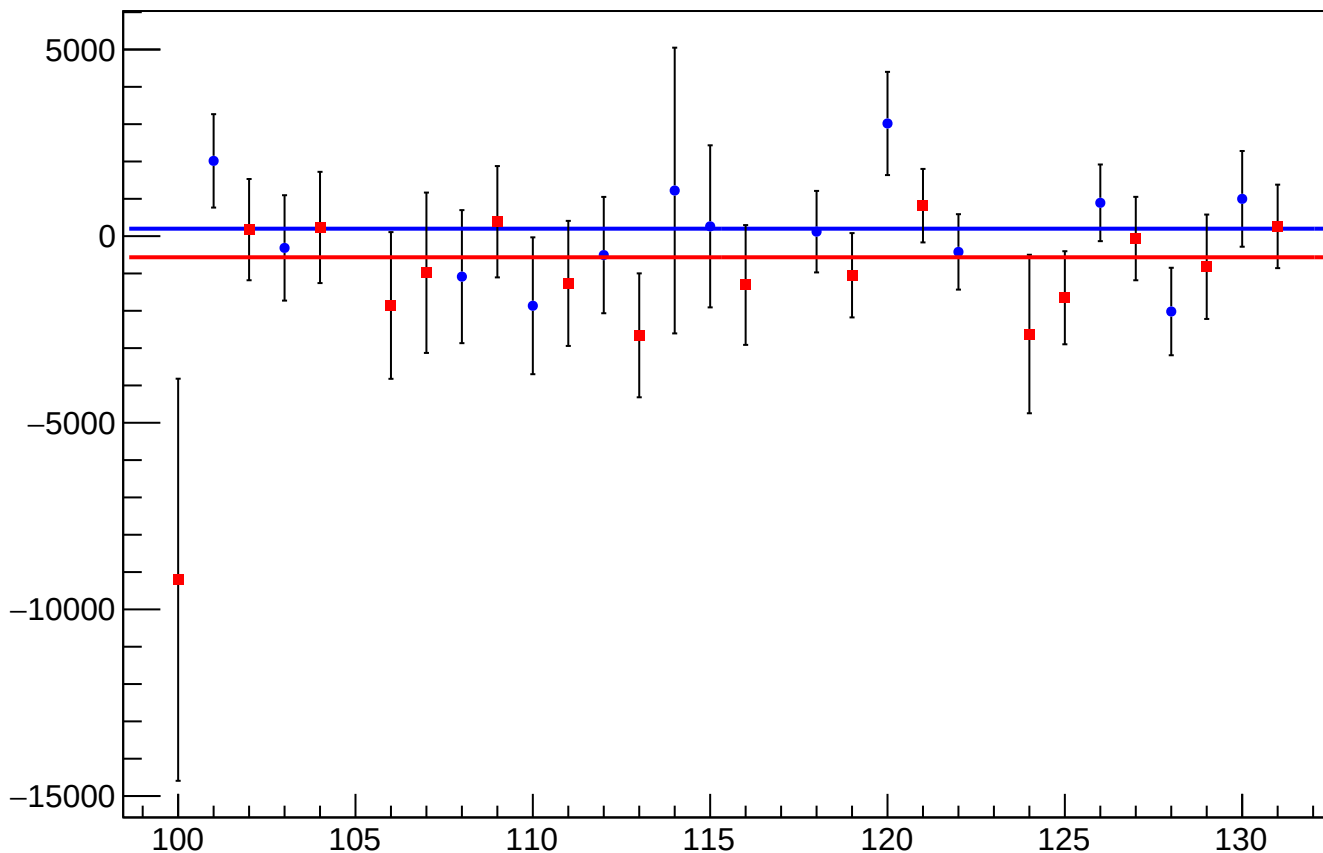
Right: 78.693 $\pm$ 0.016 χ^2 /NDF: 687881.1/28

In: 78.822 $\pm$ 0.024 χ^2 /NDF:281279.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.693 $\pm$ 0.016 χ^2 /NDF: 687881.1/28

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 199.748+/-376.071 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -566.031+/-356.826 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

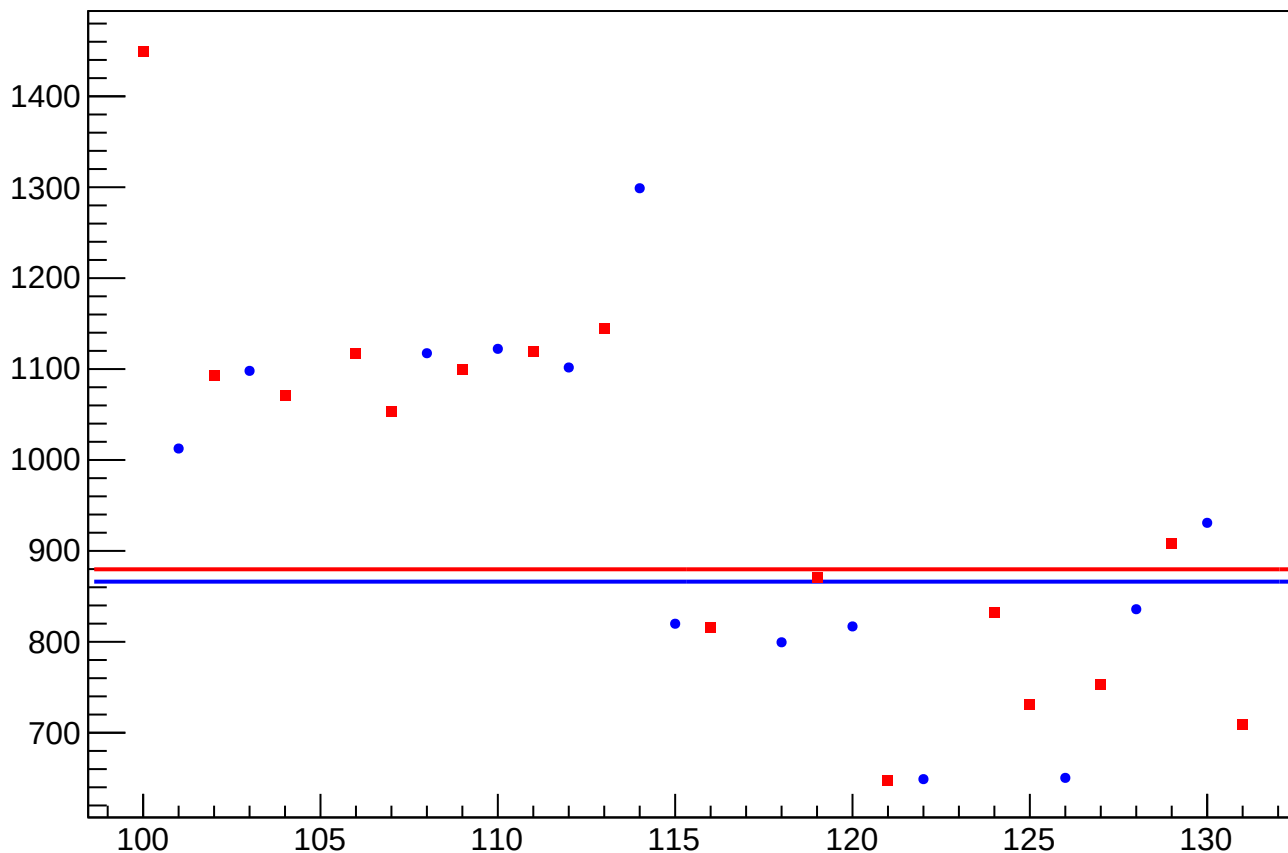
Right: -203.236+/-258.850 χ^2/NDF : 26.1/28

In: 199.748+/-376.071 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.236+/-258.850 χ^2/NDF : 26.1/28

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 866.186+/-0.266 χ^2/NDF : 429437.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.771+/-0.252 χ^2/NDF : 498820.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

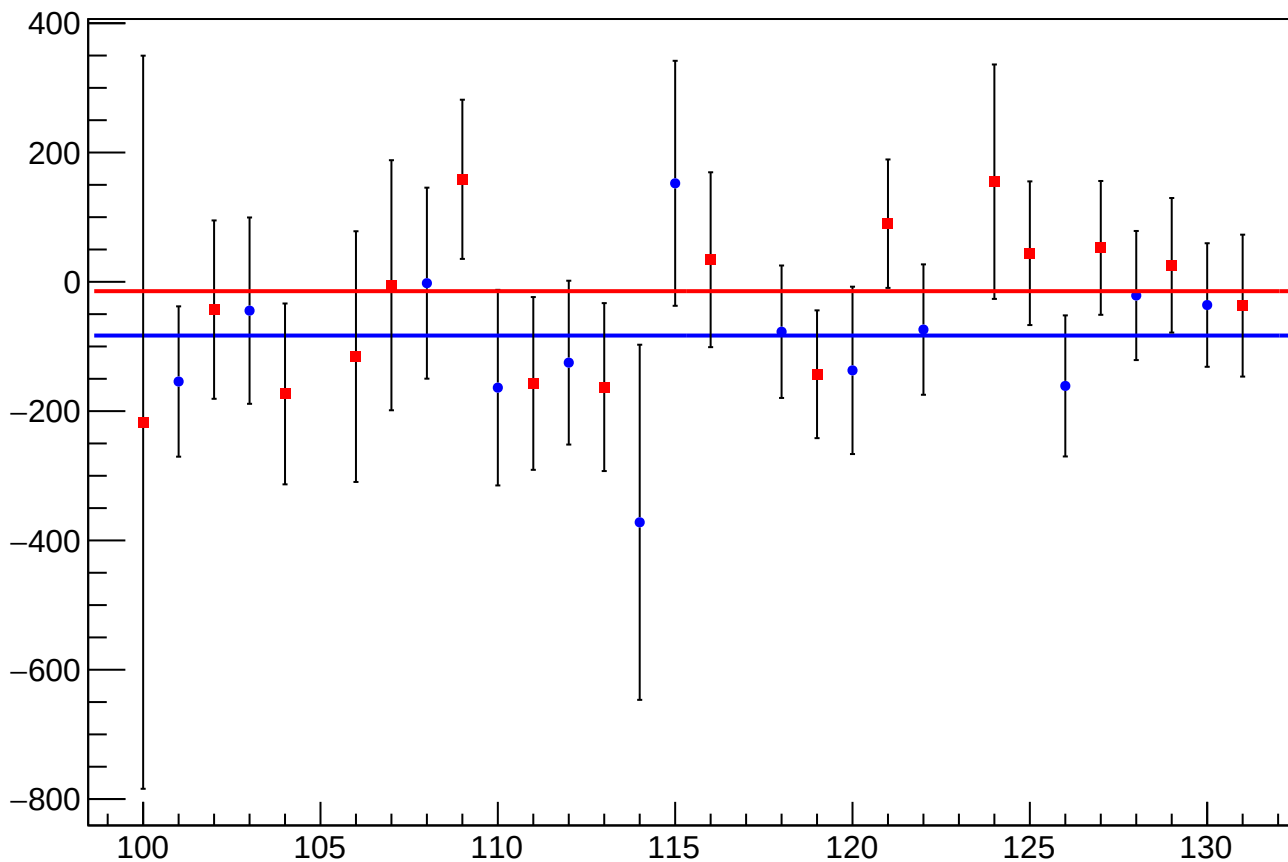
Right: 873.335+/-0.183 χ^2/NDF : 929631.3/28

In: 866.186+/-0.266 χ^2/NDF : 429437.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.335+/-0.183 χ^2/NDF : 929631.3/28

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -83.096 $\pm$ 34.056 χ^2 /NDF: 5.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.453 $\pm$ 31.945 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

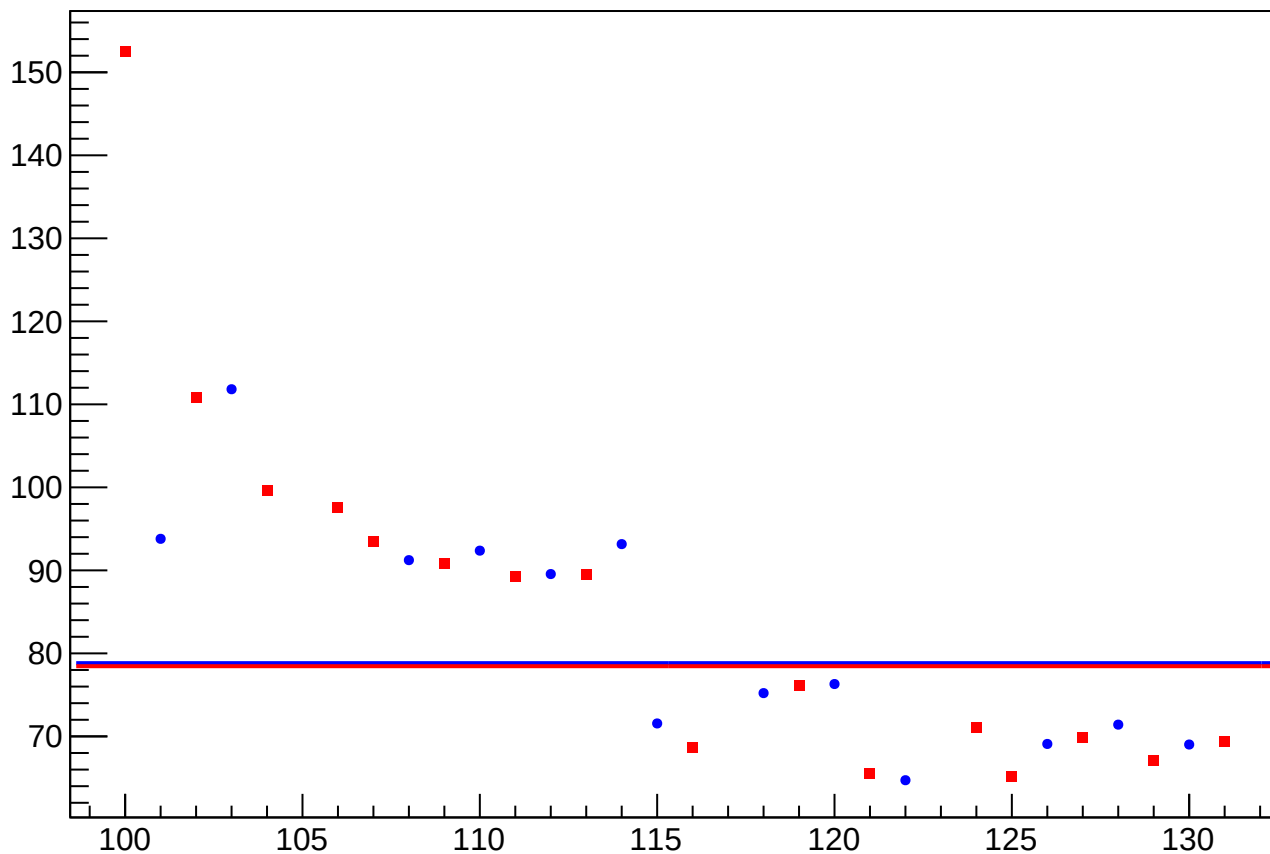
Right: -46.582 $\pm$ 23.299 χ^2 /NDF: 18.1/28

In: -83.096 $\pm$ 34.056 χ^2 /NDF:5.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -46.582 $\pm$ 23.299 χ^2 /NDF: 18.1/28

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.454+/-0.023 χ^2/NDF : 397429.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

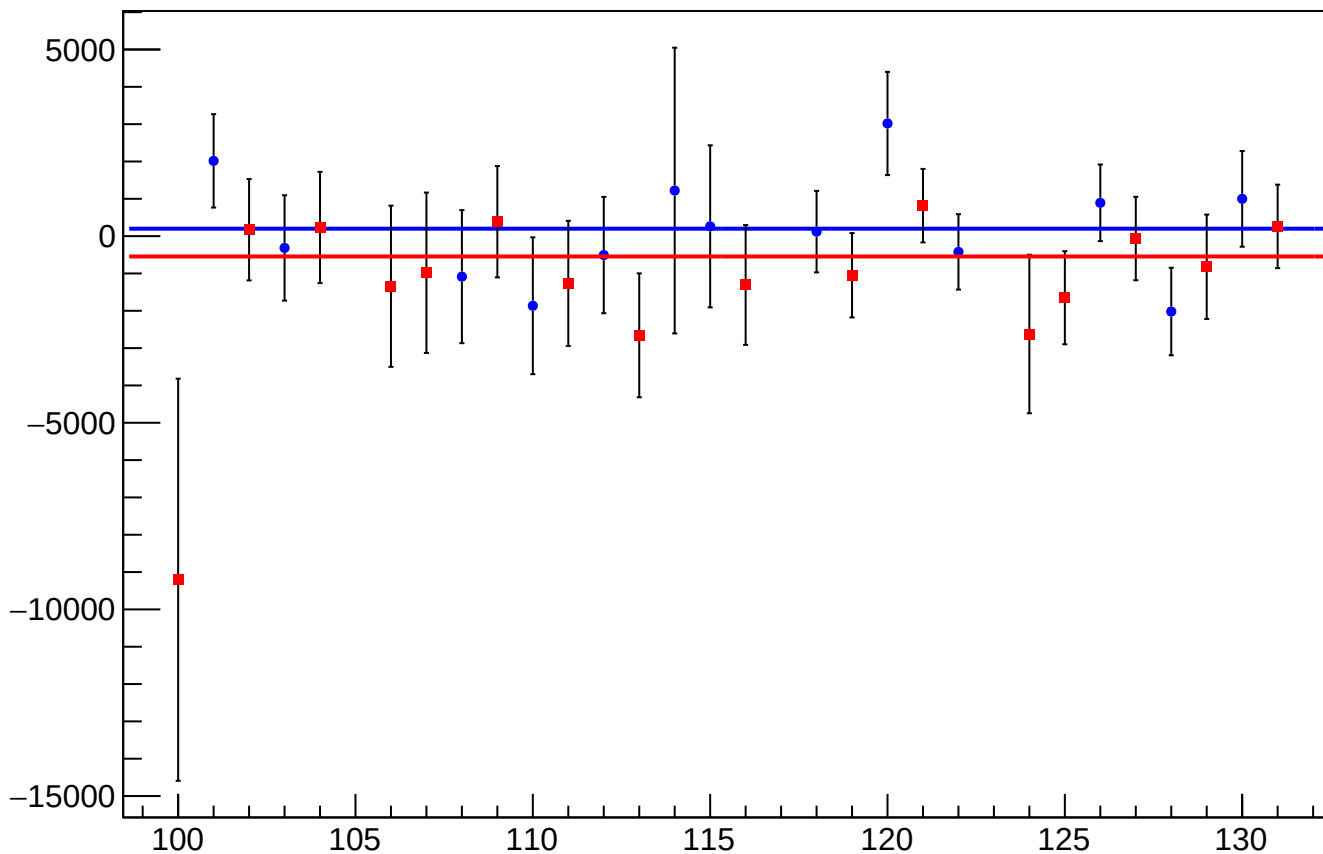
Right: 78.626+/-0.016 χ^2/NDF : 678836.2/28

In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.626+/-0.016 χ^2/NDF : 678836.2/28

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.714 ± 376.072 χ^2/NDF : 13.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -544.840 ± 357.854 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

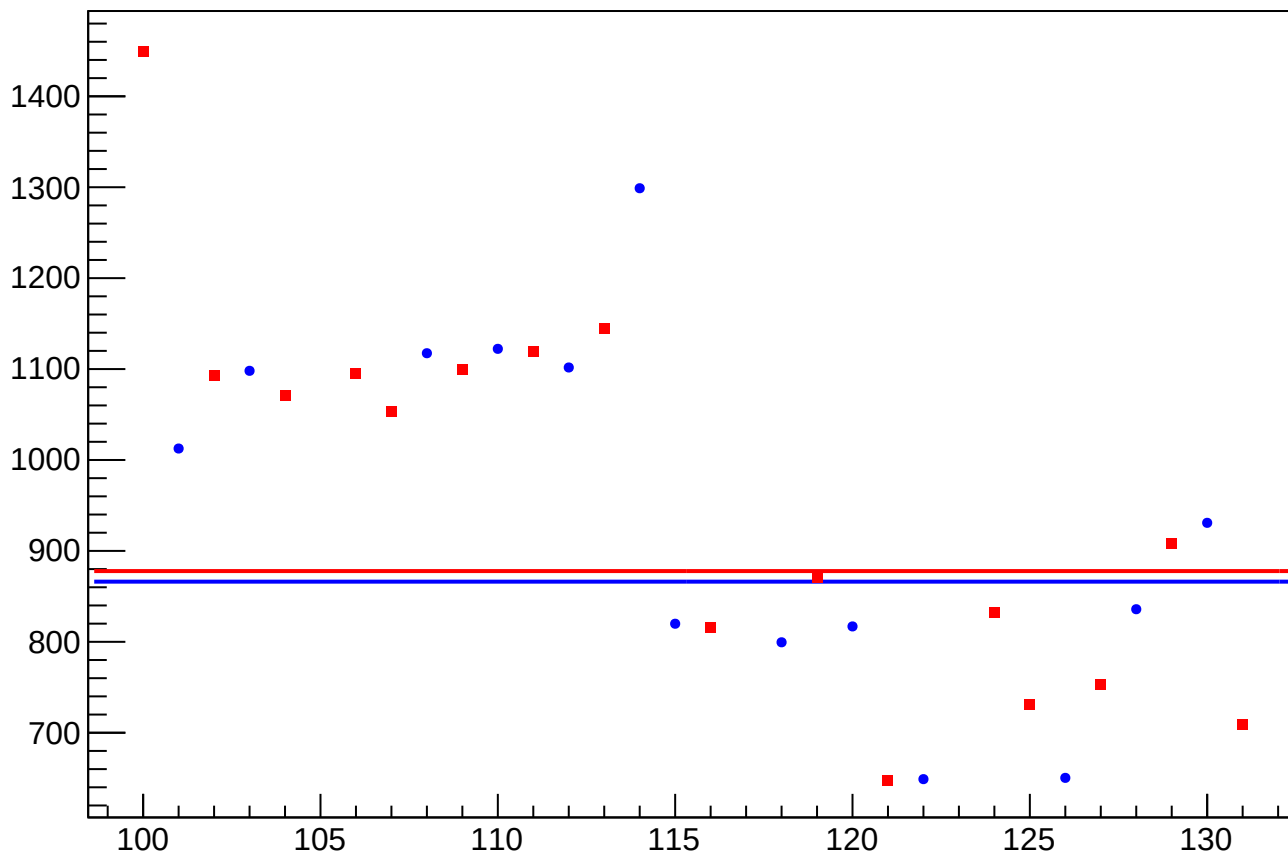
Right: -191.034 ± 259.242 χ^2/NDF : 25.7/28

In: 199.714 ± 376.072 χ^2/NDF : 13.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -191.034 ± 259.242 χ^2/NDF : 25.7/28

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 877.820+/-0.253 χ^2/NDF : 489544.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

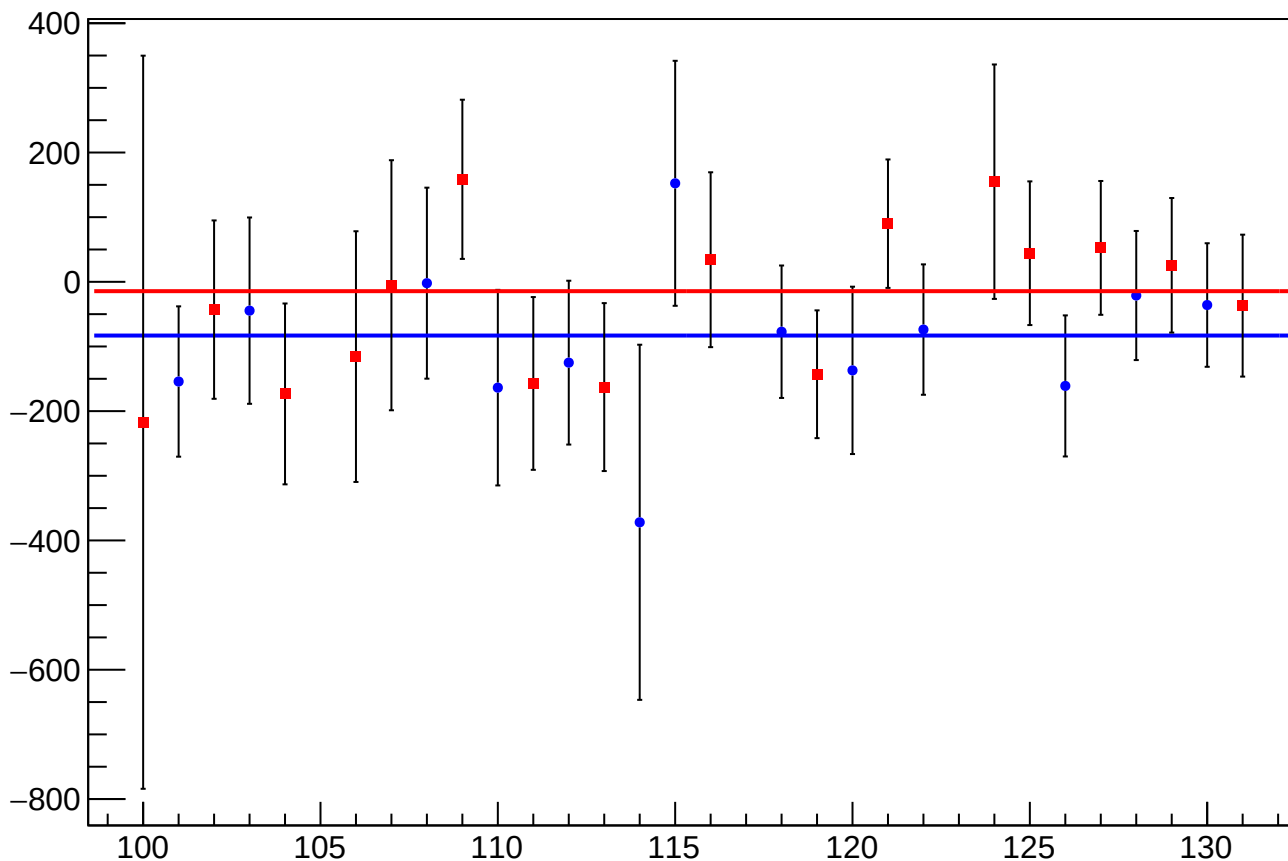
Right: 872.293+/-0.183 χ^2/NDF : 920007.5/28

In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.293+/-0.183 χ^2/NDF : 920007.5/28

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -83.096+/-34.056 χ^2/NDF : 5.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.453+/-31.945 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

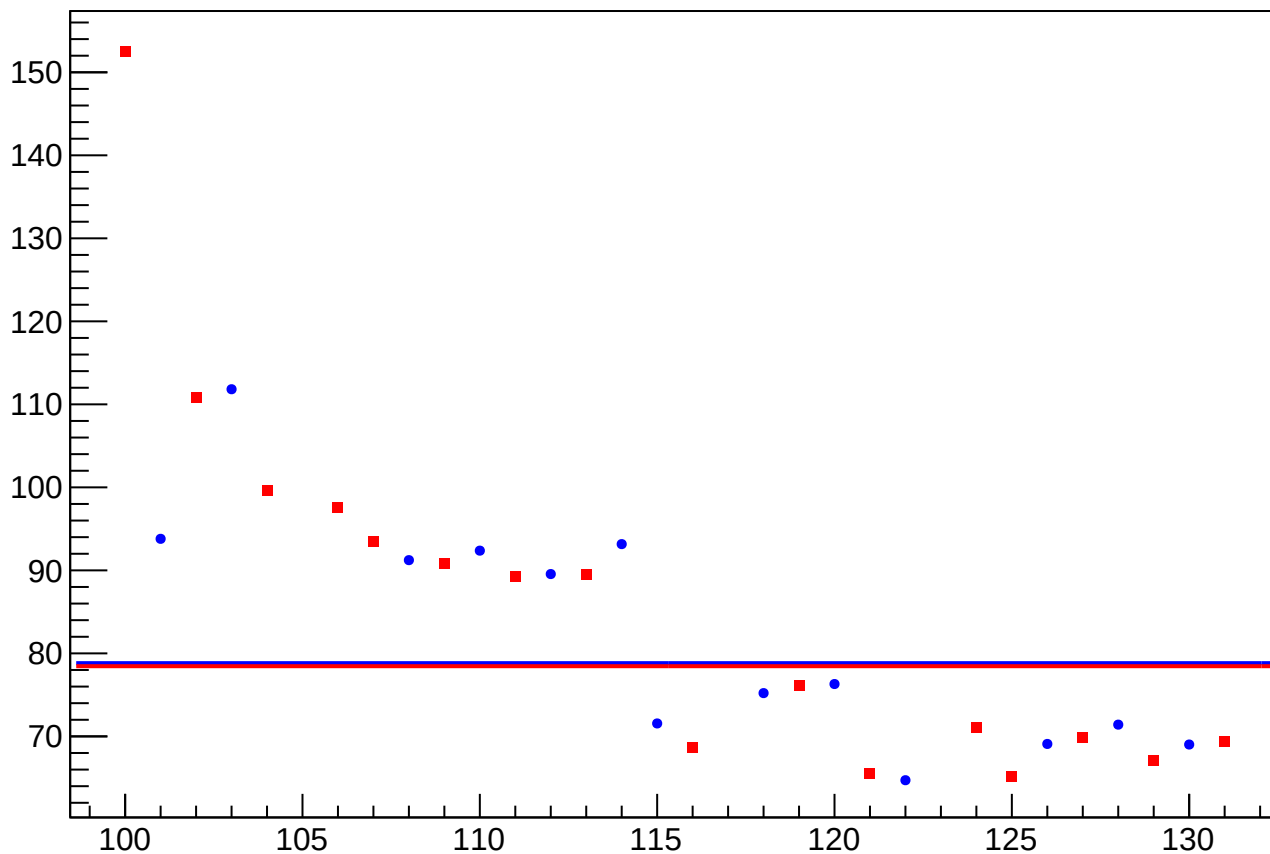
Right: -46.582+/-23.299 χ^2/NDF : 18.1/28

In: -83.096+/-34.056 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.582+/-23.299 χ^2/NDF : 18.1/28

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.454+/-0.023 χ^2/NDF : 397429.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

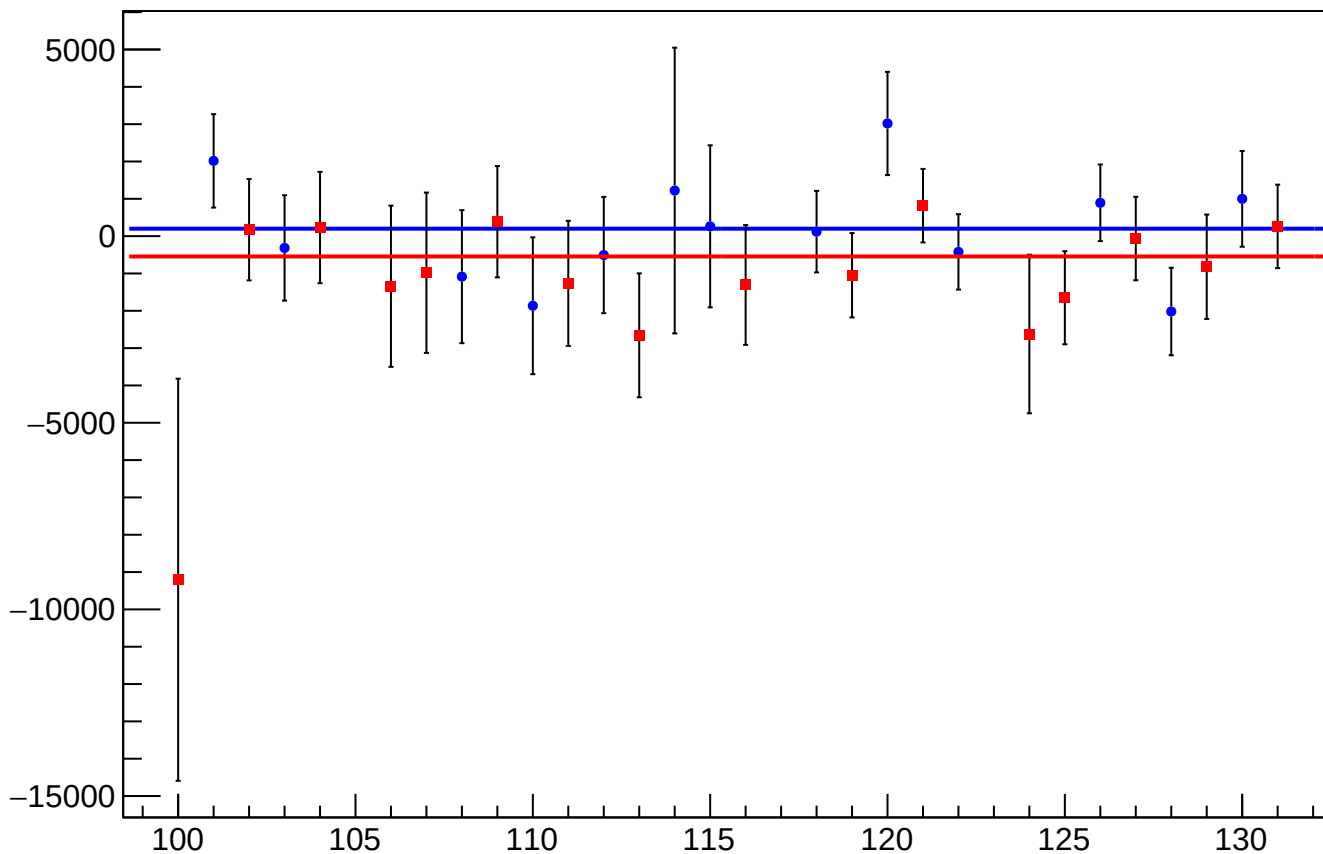
Right: 78.626+/-0.016 χ^2/NDF : 678836.2/28

In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.626+/-0.016 χ^2/NDF : 678836.2/28

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.714+/-376.072 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -544.840+/-357.854 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

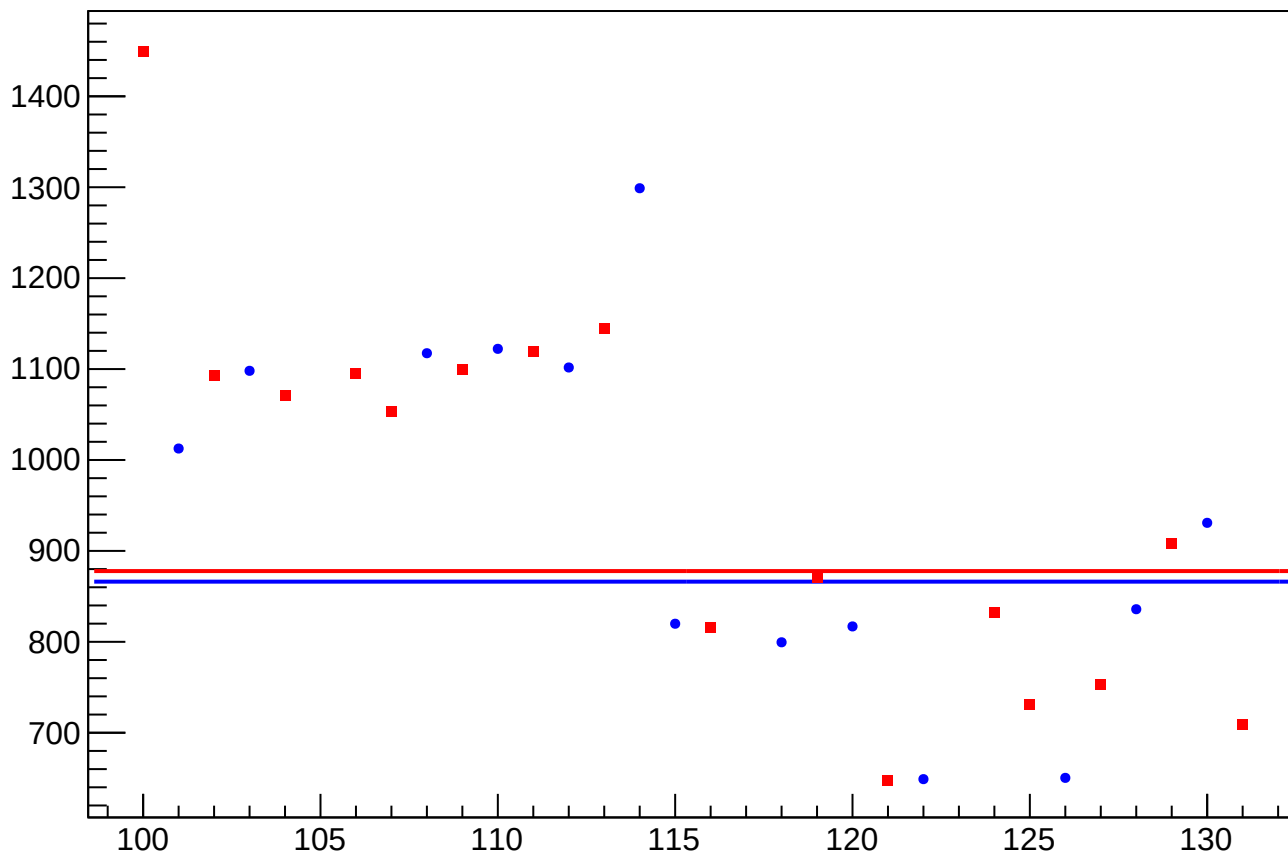
Right: -191.034+/-259.242 χ^2/NDF : 25.7/28

In: 199.714+/-376.072 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.034+/-259.242 χ^2/NDF : 25.7/28

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 877.820+/-0.253 χ^2/NDF : 489544.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

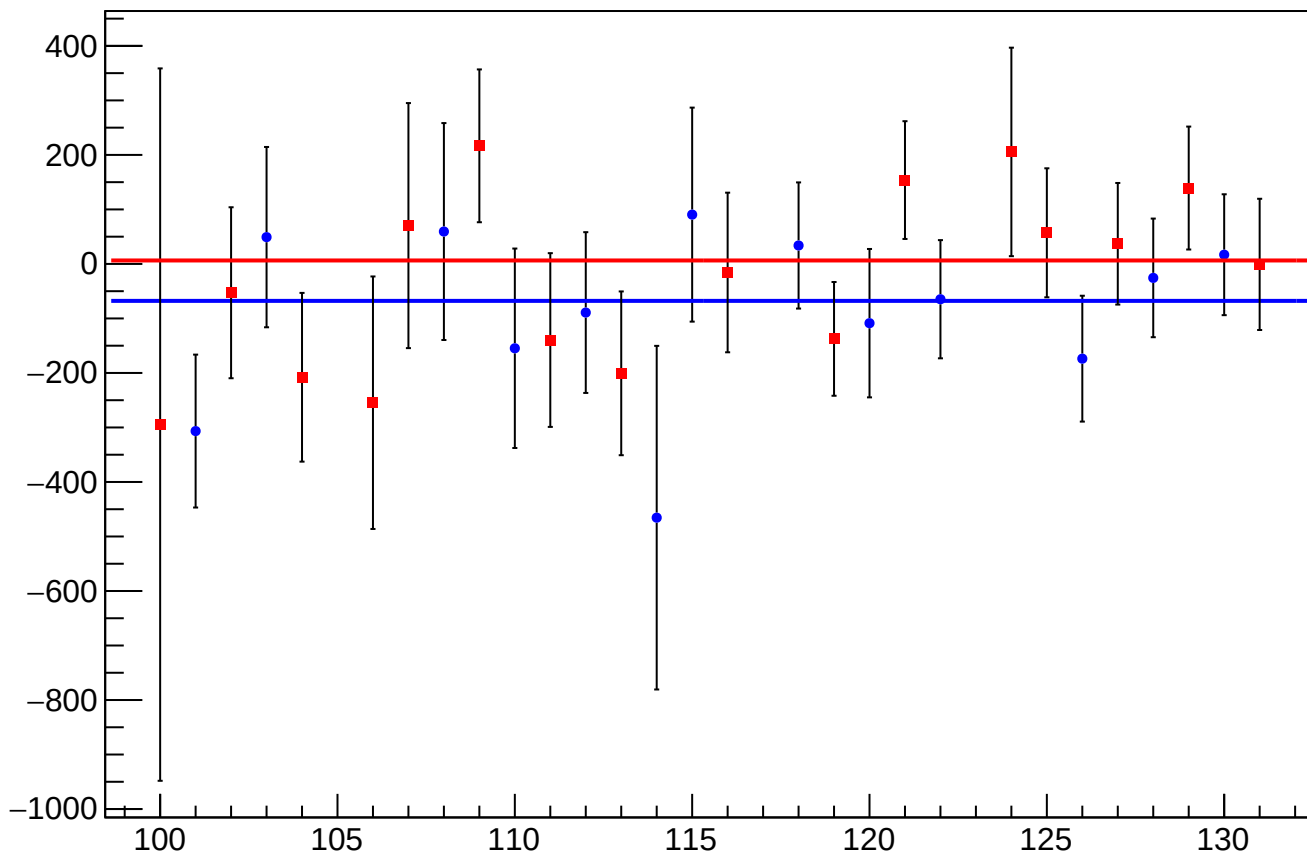
Right: 872.293+/-0.183 χ^2/NDF : 920007.5/28

In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.293+/-0.183 χ^2/NDF : 920007.5/28

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -67.776 ± 38.375 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.361 ± 35.163 χ^2/NDF : 15.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

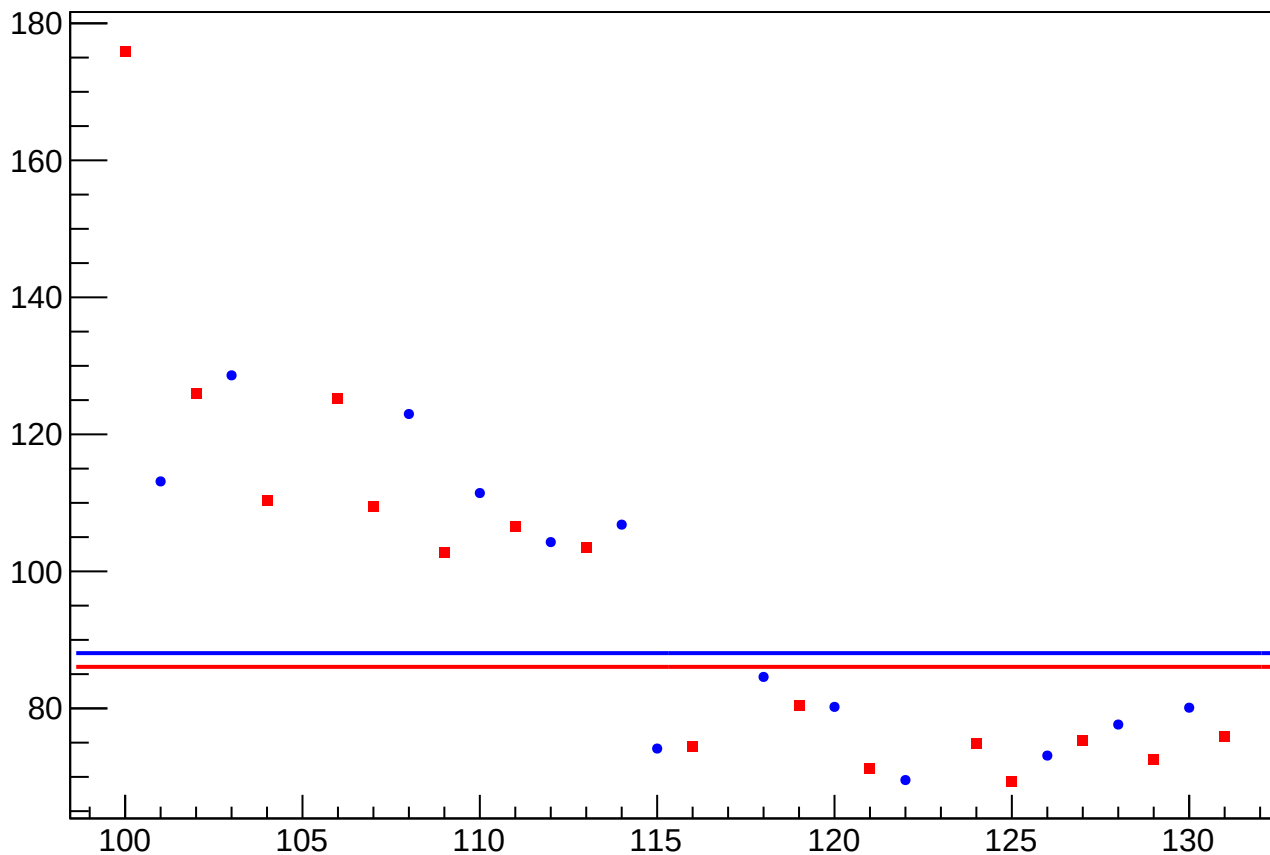
Right: -27.476 ± 25.925 χ^2/NDF : 25.9/28

In: -67.776 ± 38.375 χ^2/NDF : 8.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.476 ± 25.925 χ^2/NDF : 25.9/28

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.066+/-0.027 χ^2/NDF : 448653.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 86.060+/-0.025 χ^2/NDF : 548111.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

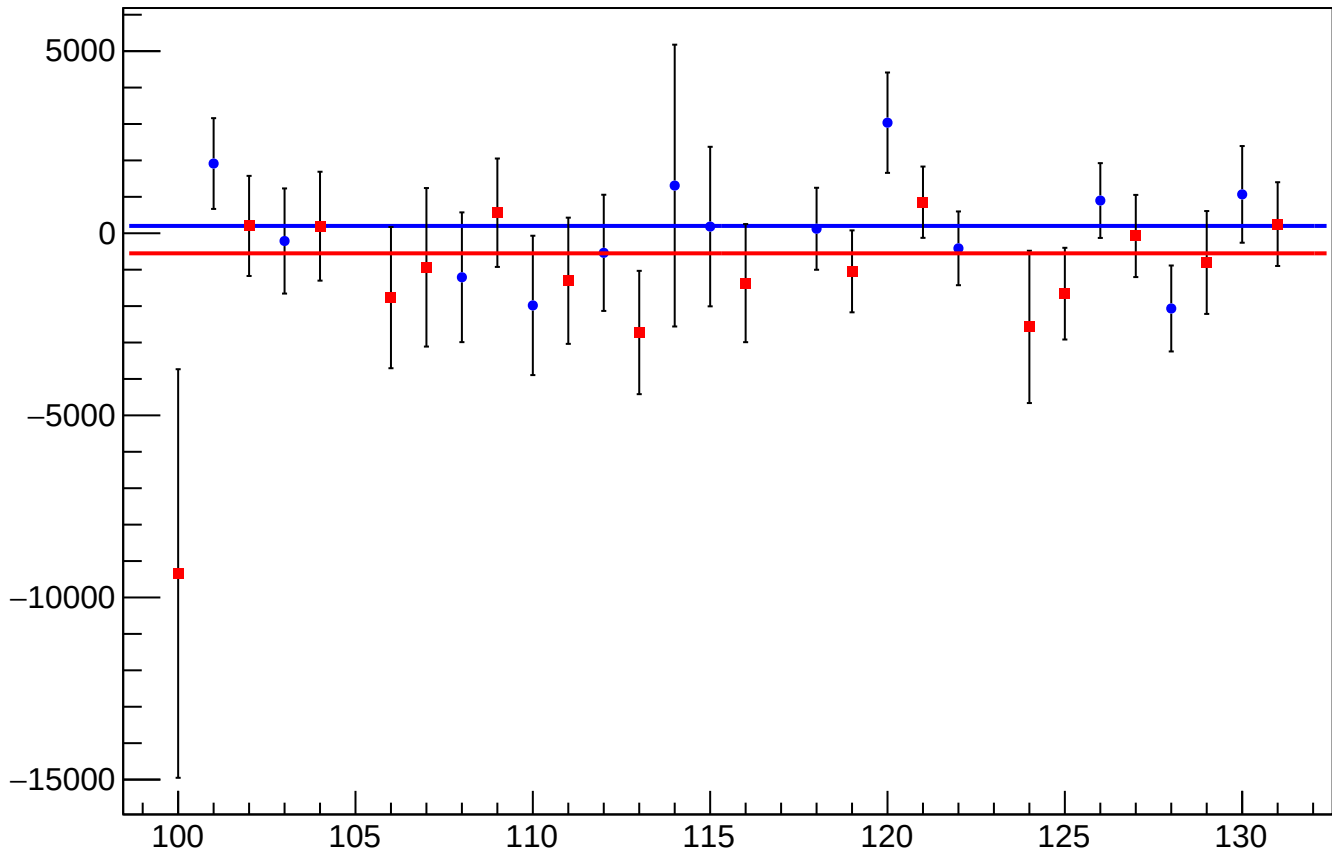
Right: 86.976+/-0.018 χ^2/NDF : 999735.7/28

In: 88.066+/-0.027 χ^2/NDF :448653.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 86.976+/-0.018 χ^2/NDF : 999735.7/28

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 201.389+/-380.511 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -551.171+/-359.507 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

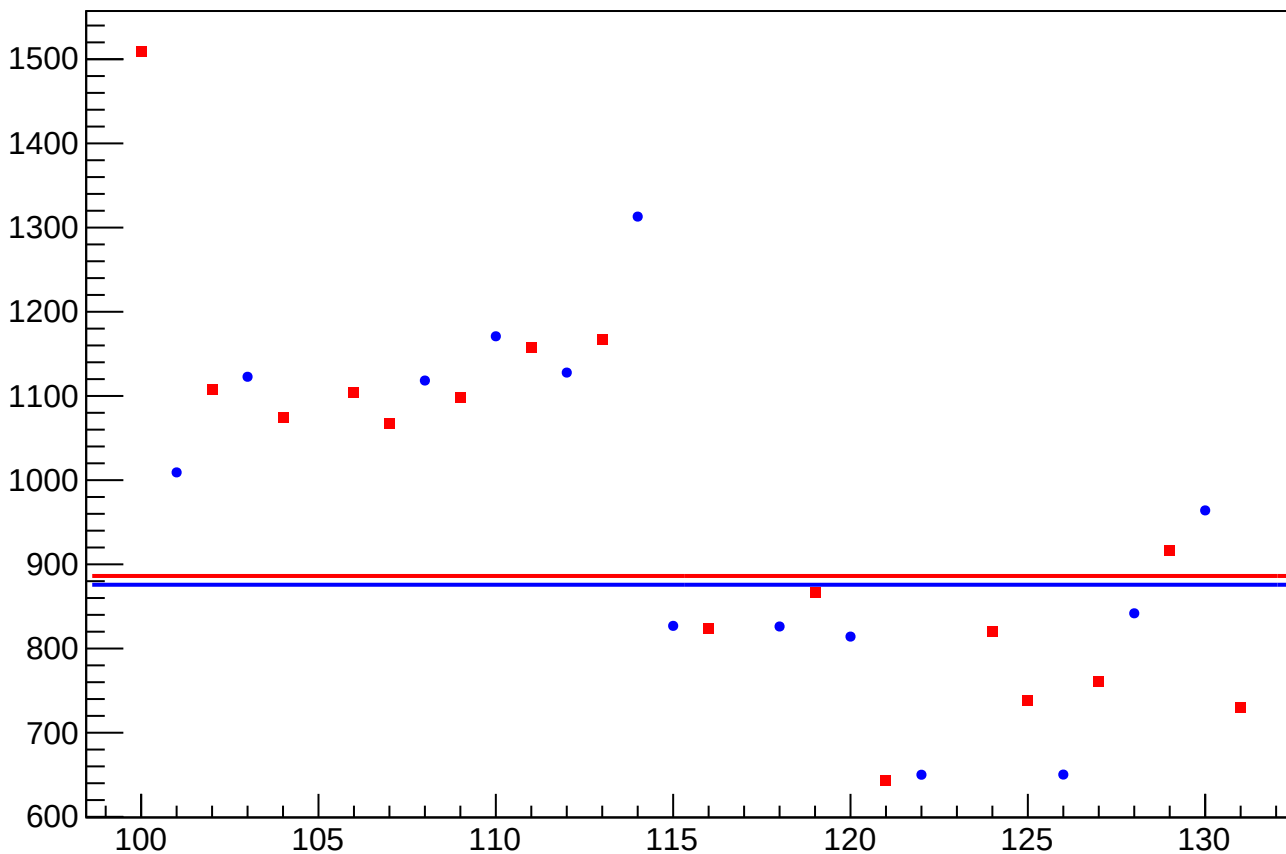
Right: -196.233+/-261.320 χ^2/NDF : 26.2/28

In: 201.389+/-380.511 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.233+/-261.320 χ^2/NDF : 26.2/28

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 875.755+/-0.269 χ^2/NDF : 456859.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 886.189+/-0.254 χ^2/NDF : 511022.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

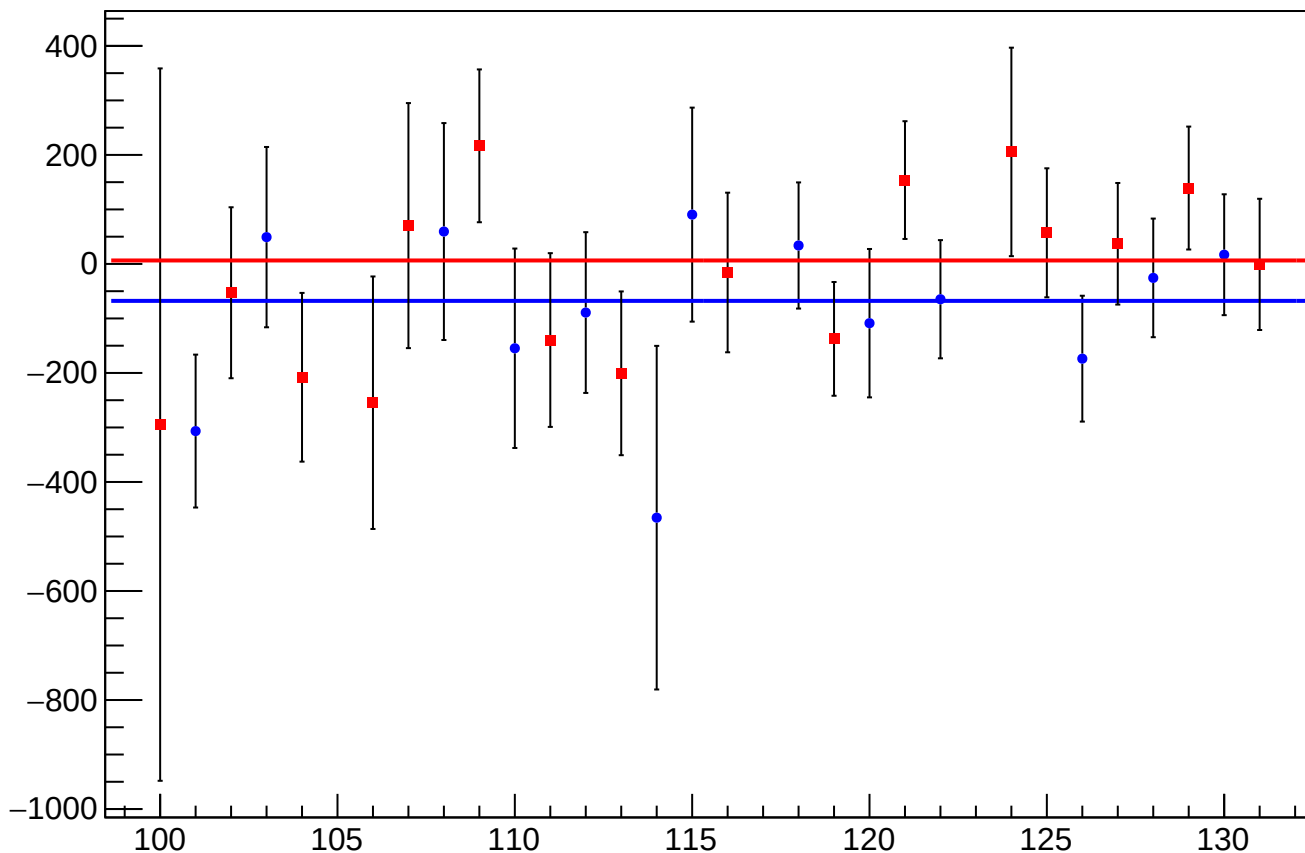
Right: 881.268+/-0.185 χ^2/NDF : 968676.4/28

In: 875.755+/-0.269 χ^2/NDF :456859.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 881.268+/-0.185 χ^2/NDF : 968676.4/28

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -67.775 ± 38.374 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.361 ± 35.163 χ^2/NDF : 15.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

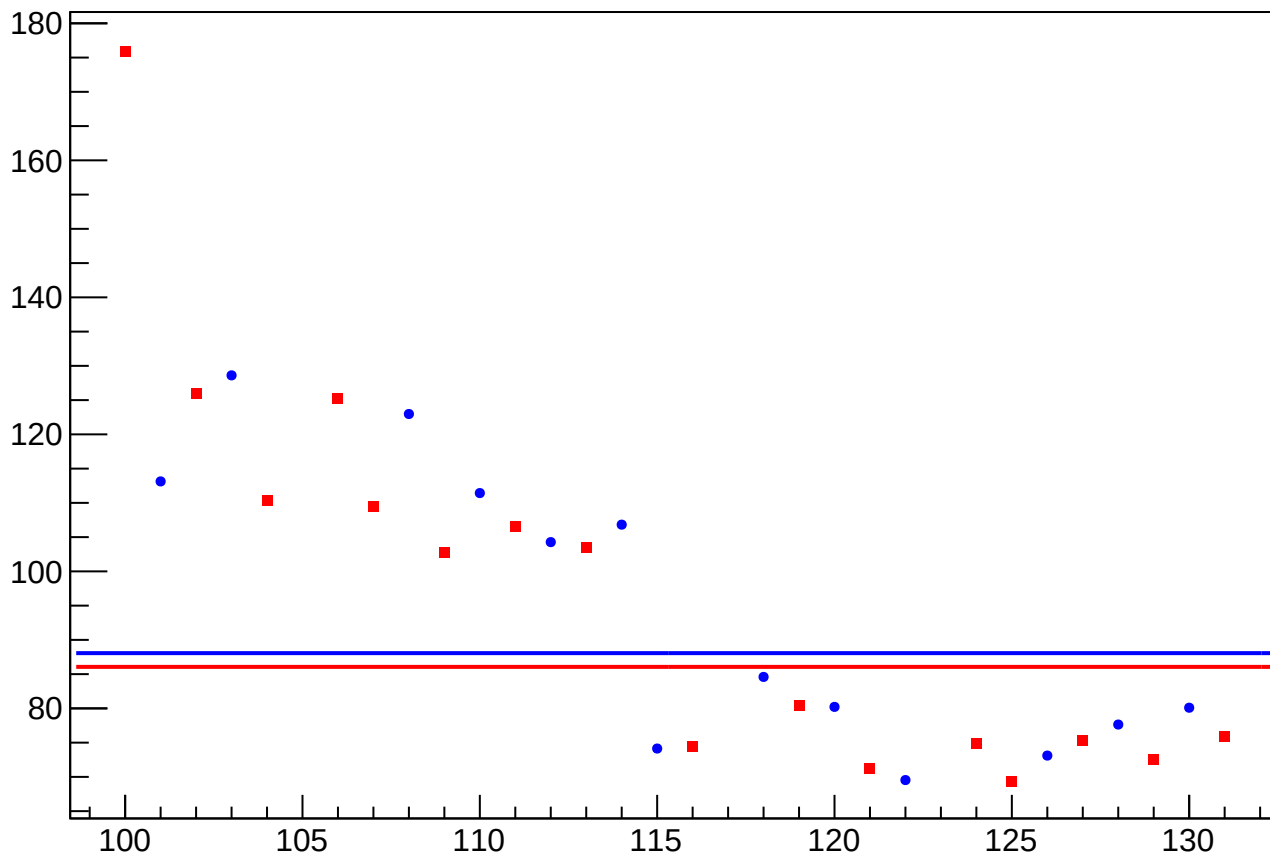
Right: -27.476 ± 25.925 χ^2/NDF : 25.9/28

In: -67.775 ± 38.374 χ^2/NDF : 8.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.476 ± 25.925 χ^2/NDF : 25.9/28

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.065+/-0.027 χ^2/NDF : 448647.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 86.060+/-0.025 χ^2/NDF : 548100.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

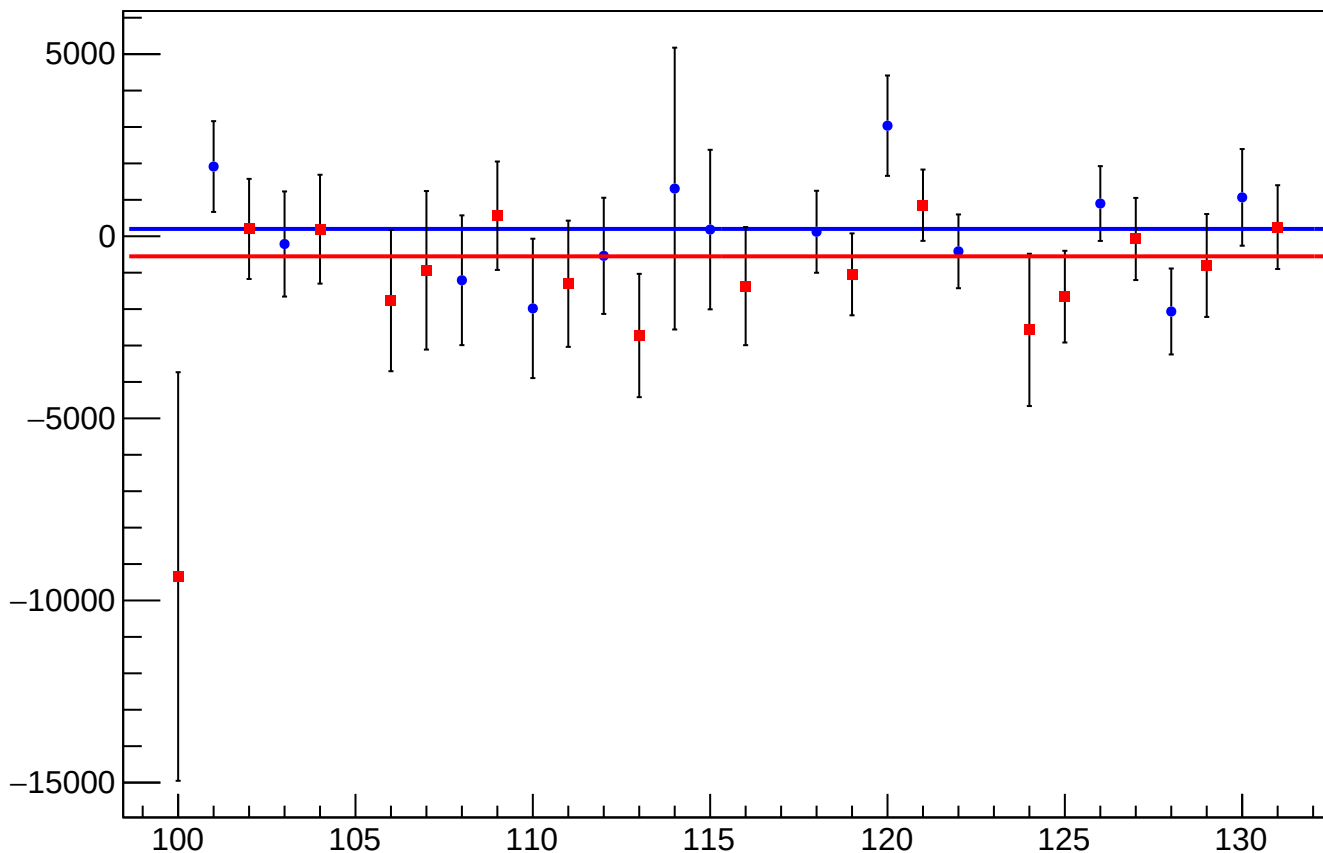
Right: 86.975+/-0.018 χ^2/NDF : 999717.3/28

In: 88.065+/-0.027 χ^2/NDF :448647.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 86.975+/-0.018 χ^2/NDF : 999717.3/28

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 201.388 $\pm$ 380.510 χ^2/NDF : 13.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -551.170 $\pm$ 359.506 χ^2/NDF : 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

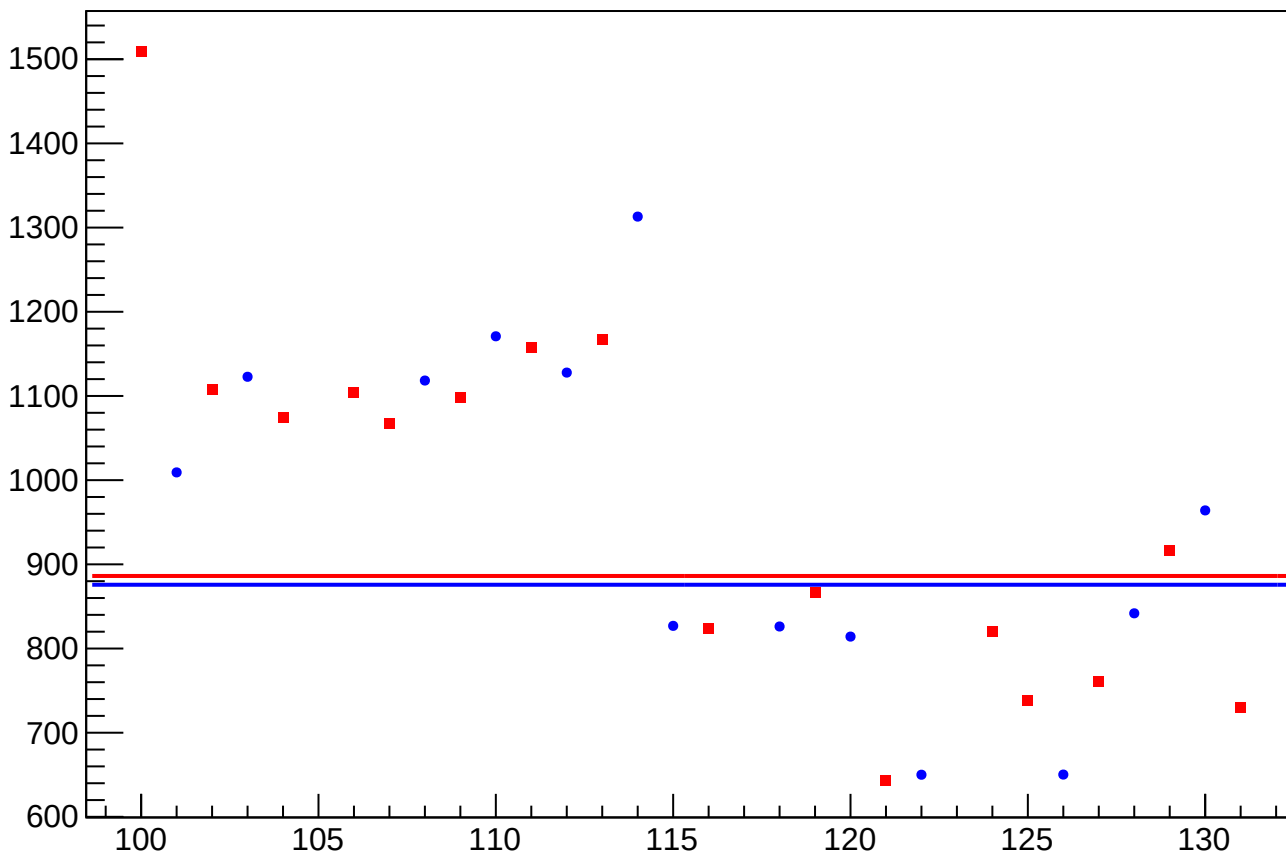
Right: -196.233 $\pm$ 261.319 χ^2/NDF : 26.2/28

In: 201.388 $\pm$ 380.510 χ^2/NDF : 13.4/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -196.233 $\pm$ 261.319 χ^2/NDF : 26.2/28

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 875.752+/-0.269 χ^2/NDF : 456850.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 886.186+/-0.254 χ^2/NDF : 511017.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

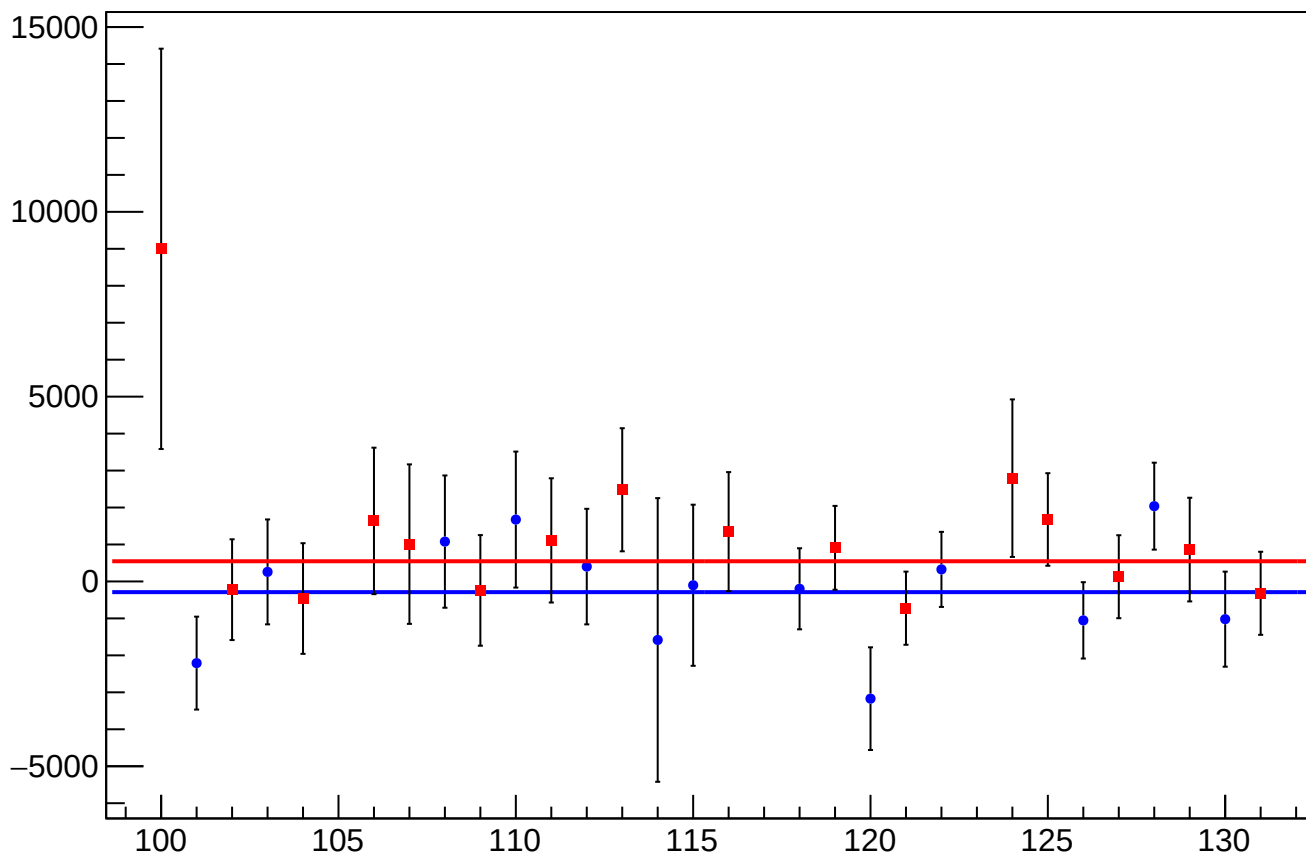
Right: 881.265+/-0.185 χ^2/NDF : 968663.2/28

In: 875.752+/-0.269 χ^2/NDF :456850.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 881.265+/-0.185 χ^2/NDF : 968663.2/28

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -289.347 ± 377.745 $\chi^2/\text{NDF}: 14.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 546.311 ± 358.397 $\chi^2/\text{NDF}: 10.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

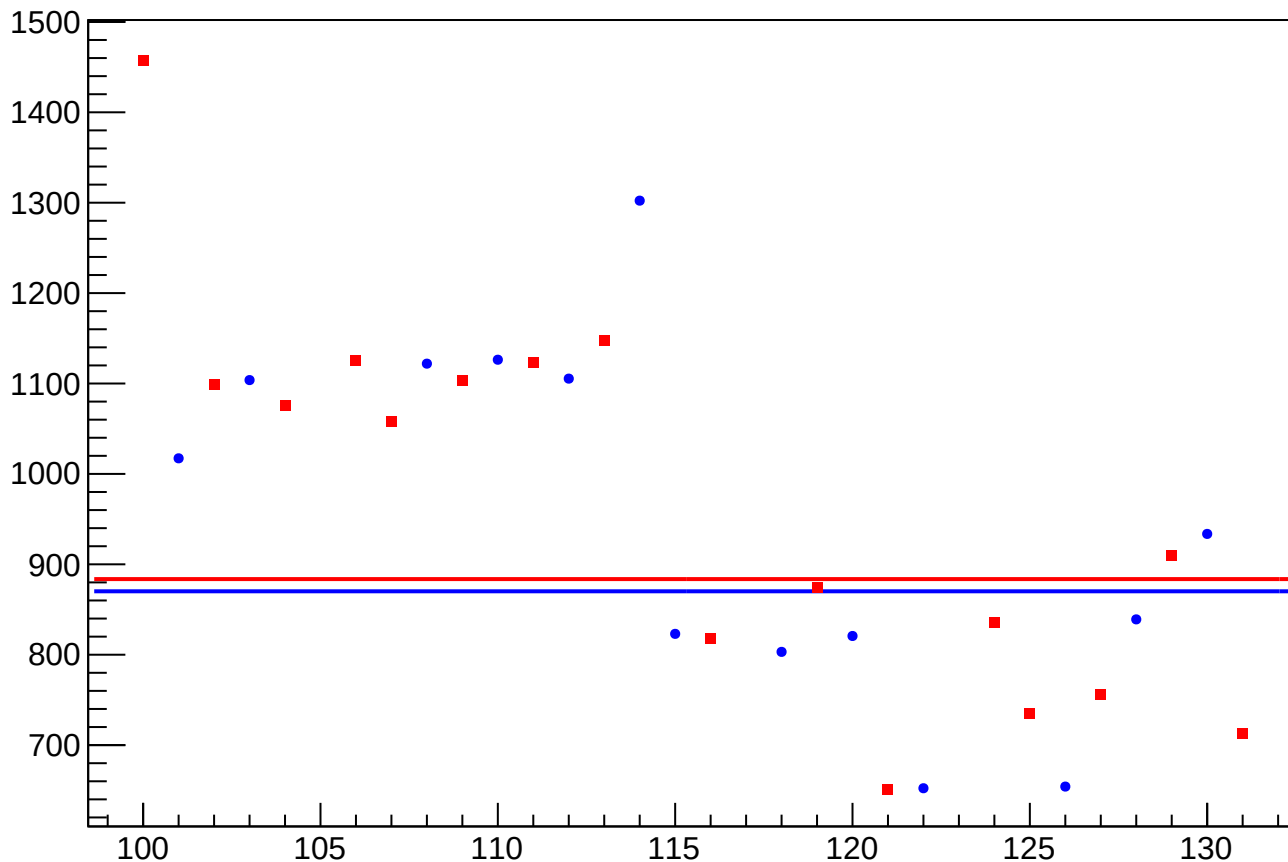
Right: 150.430 ± 259.996 $\chi^2/\text{NDF}: 26.6/28$

In: -289.347 ± 377.745 $\chi^2/\text{NDF}: 14.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 150.430 ± 259.996 $\chi^2/\text{NDF}: 26.6/28$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 870.152+/-0.267 χ^2/NDF : 427296.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 883.664+/-0.253 χ^2/NDF : 497873.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

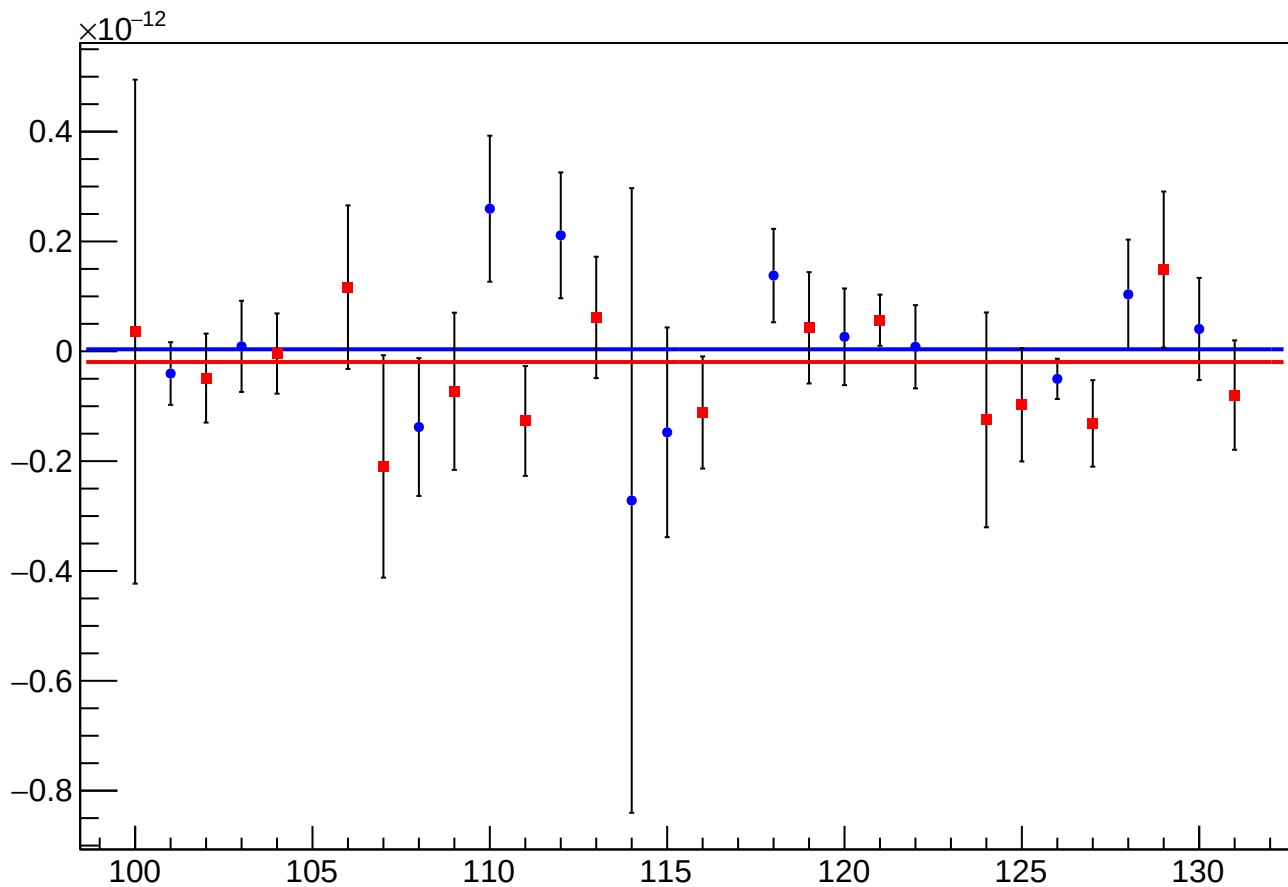
Right: 877.263+/-0.184 χ^2/NDF : 926517.4/28

In: 870.152+/-0.267 χ^2/NDF :427296.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 877.263+/-0.184 χ^2/NDF : 926517.4/28

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

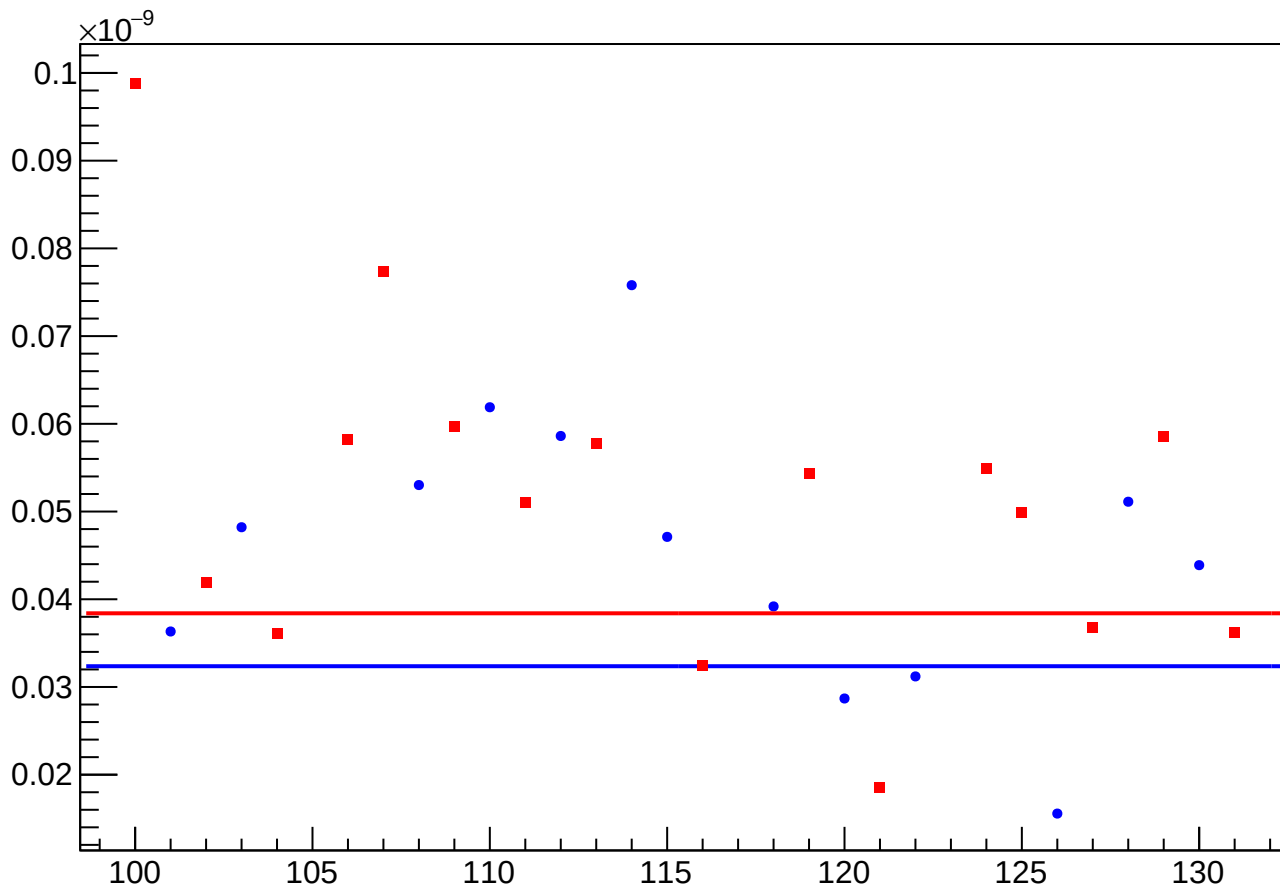
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/28

In: 0.000 $\pm$ 0.000 χ^2 /NDF:15.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/28

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 902348.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 787826.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

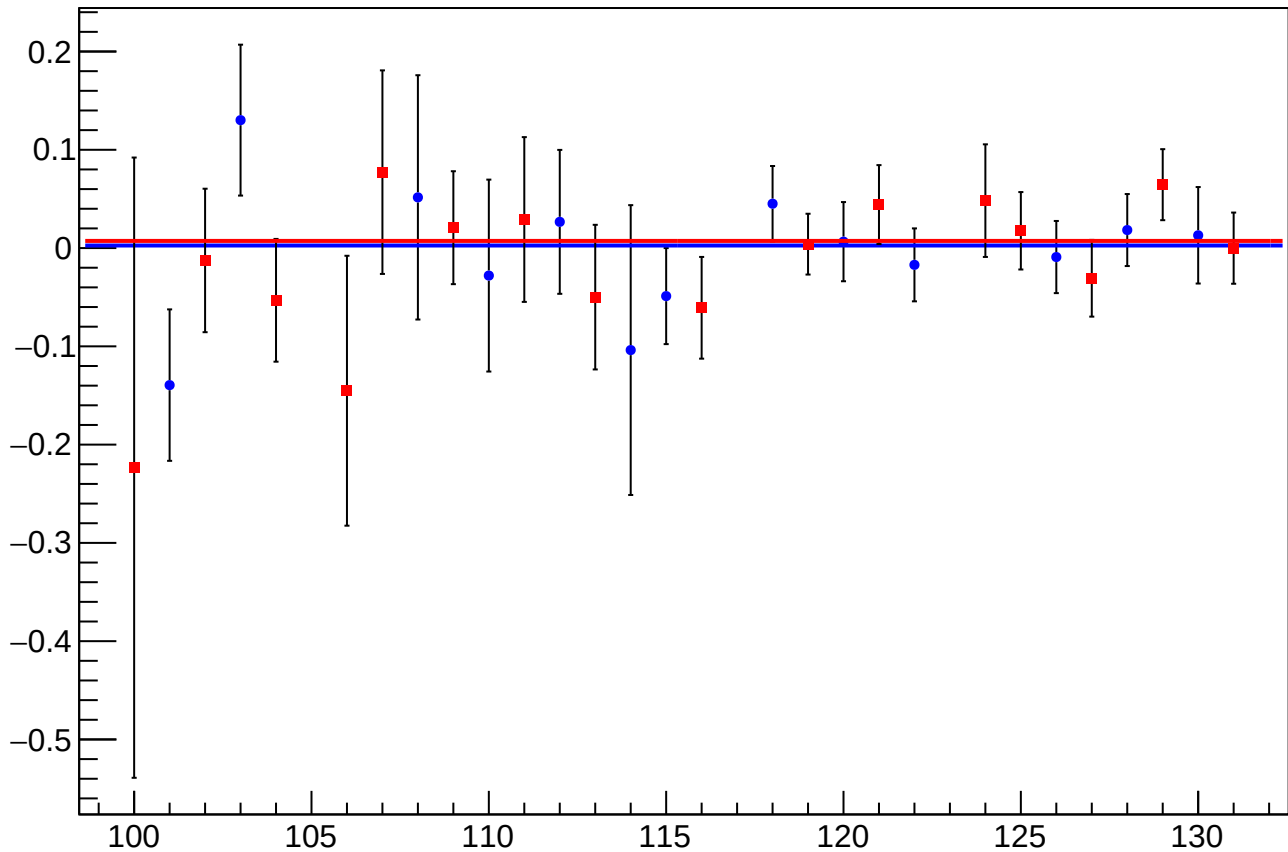
Right: 0.000+/-0.000 χ^2/NDF : 1758921.2/28

In: 0.000+/-0.000 χ^2/NDF : 902348.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1758921.2/28

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.012 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

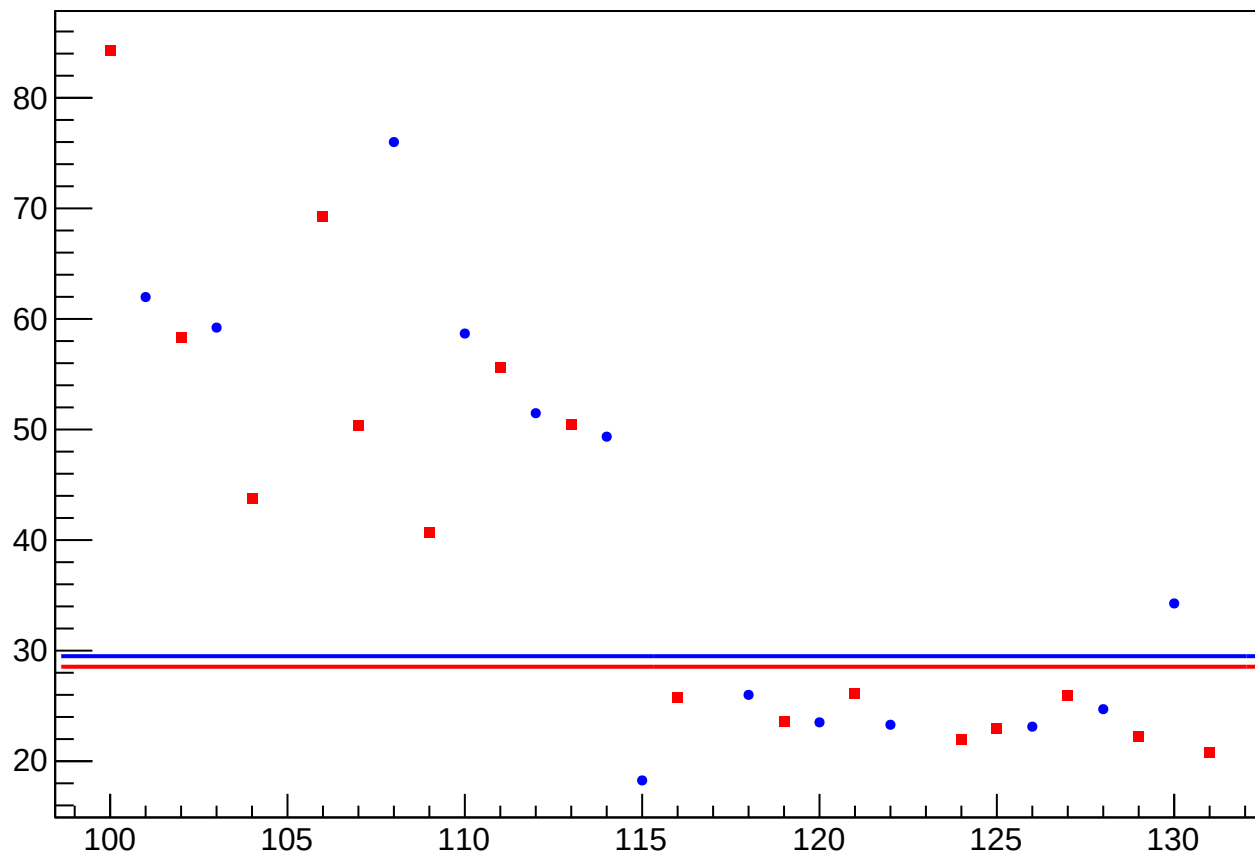
Right: 0.005+/-0.009 χ^2/NDF : 20.7/28

In: 0.003+/-0.014 χ^2/NDF :10.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.009 χ^2/NDF : 20.7/28

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.545+/-0.009 χ^2/NDF : 1545911.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

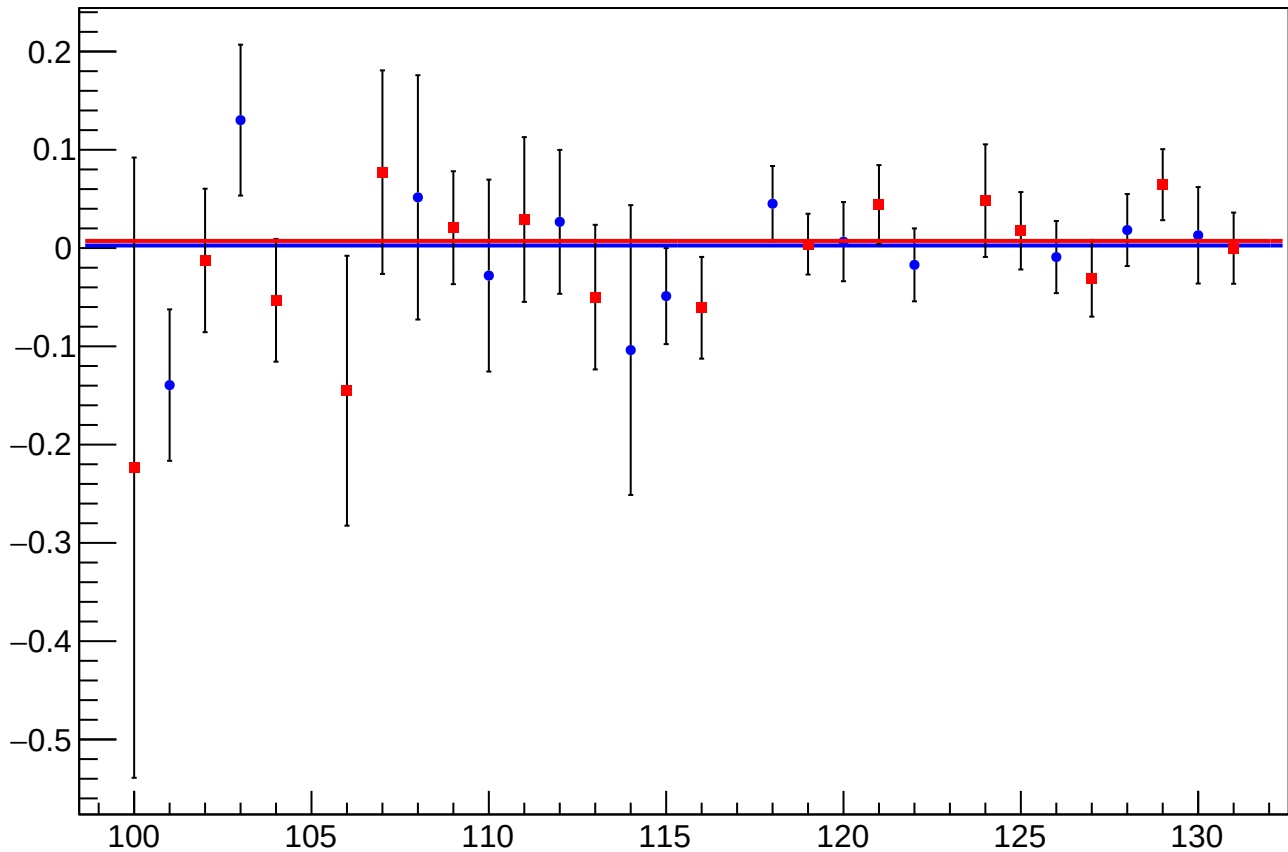
Right: 28.967+/-0.007 χ^2/NDF : 3217020.6/28

In: 29.499+/-0.010 χ^2/NDF :1665954.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3217020.6/28

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

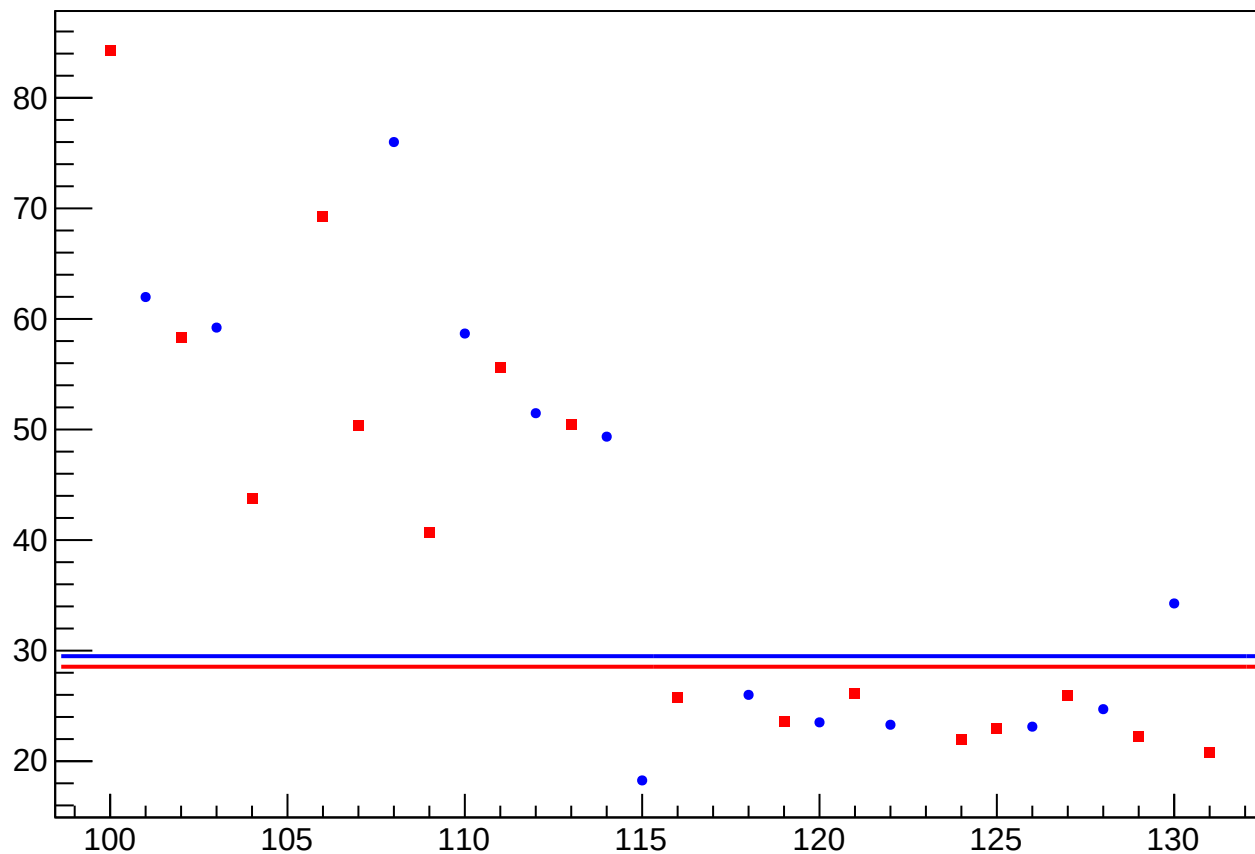
Right: 0.005+/-0.009 χ^2/NDF : 20.7/28

In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.009 χ^2/NDF : 20.7/28

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.545+/-0.009 χ^2/NDF : 1545911.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

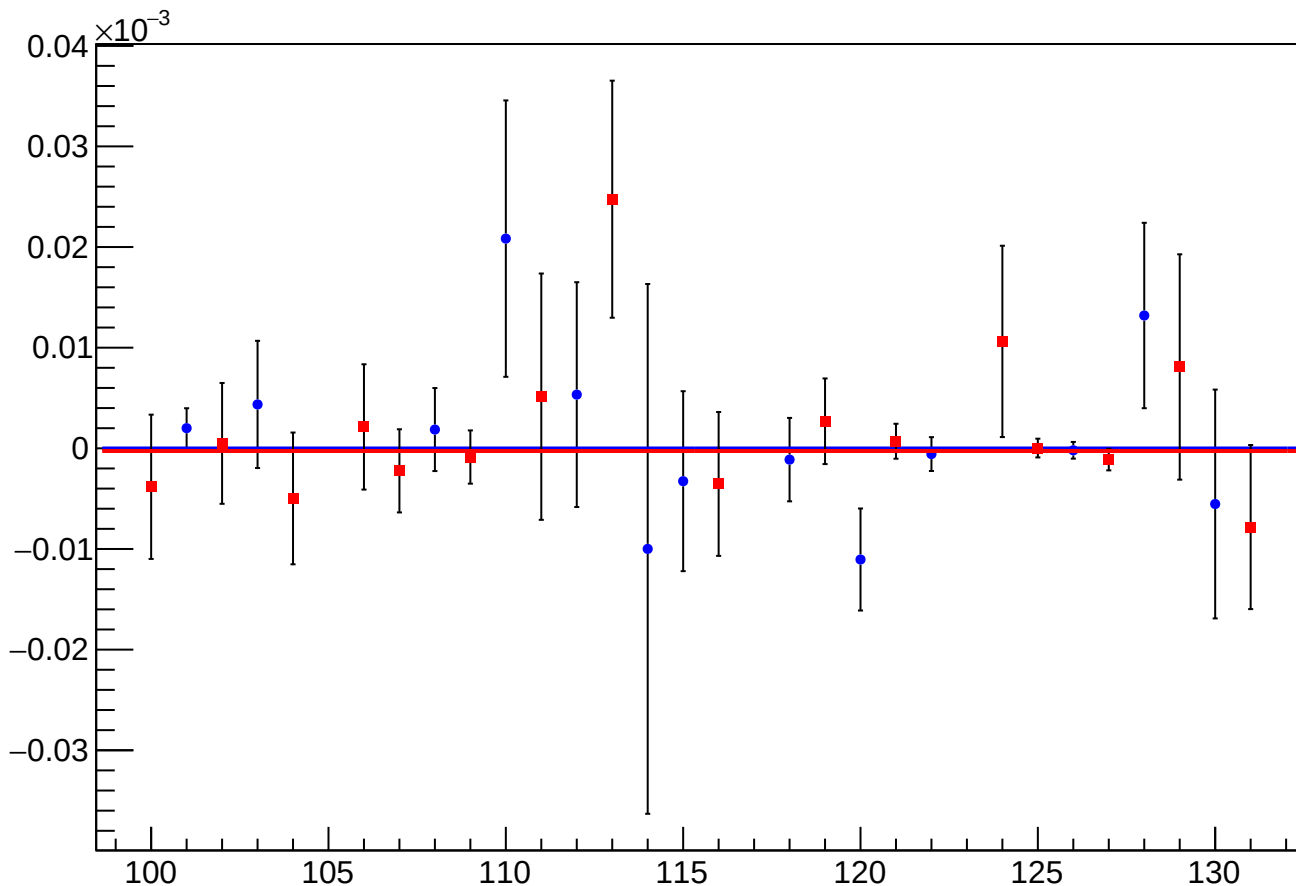
Right: 28.967+/-0.007 χ^2/NDF : 3217020.6/28

In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3217020.6/28

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

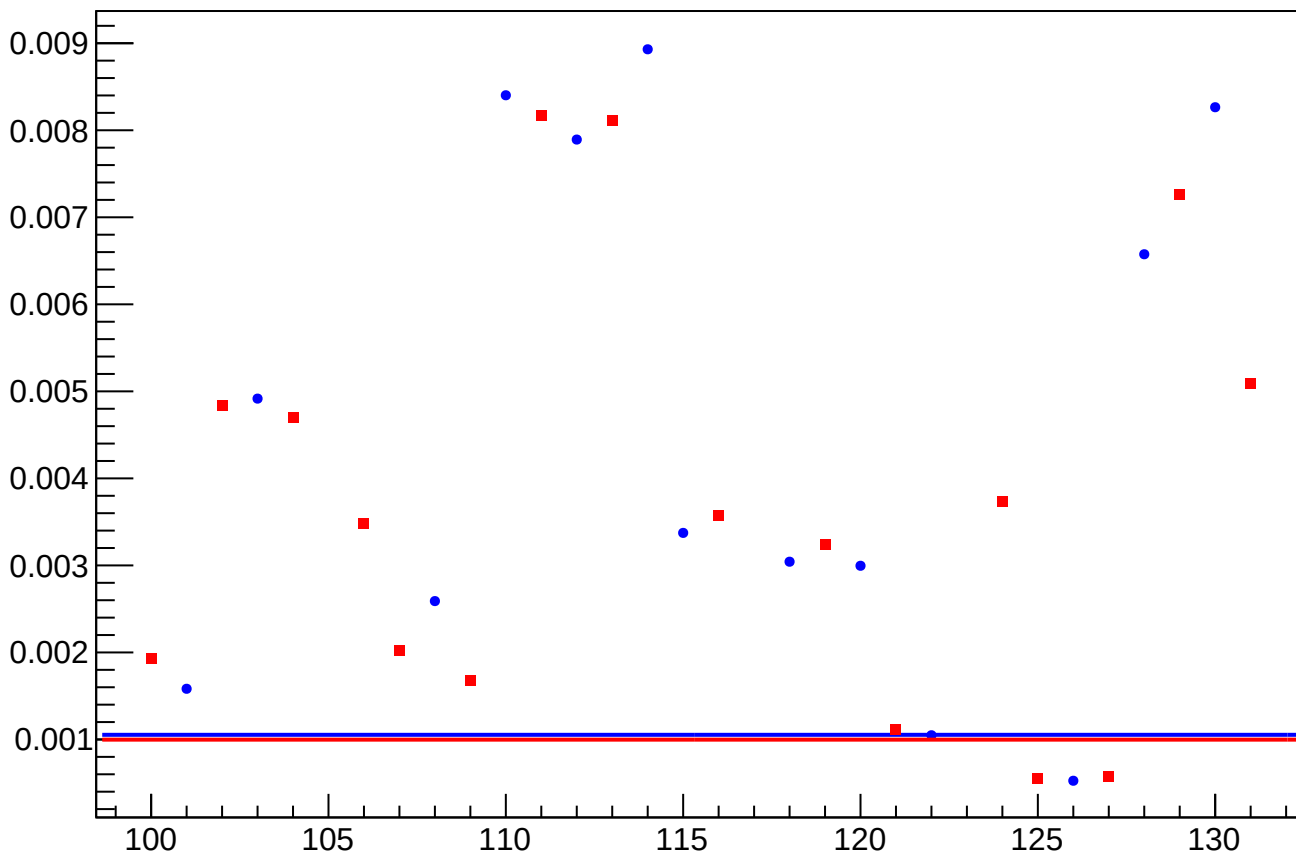
Right: -0.000+/-0.000 χ^2/NDF : 22.3/28

In: -0.000+/-0.000 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/28

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5892869.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6376230.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

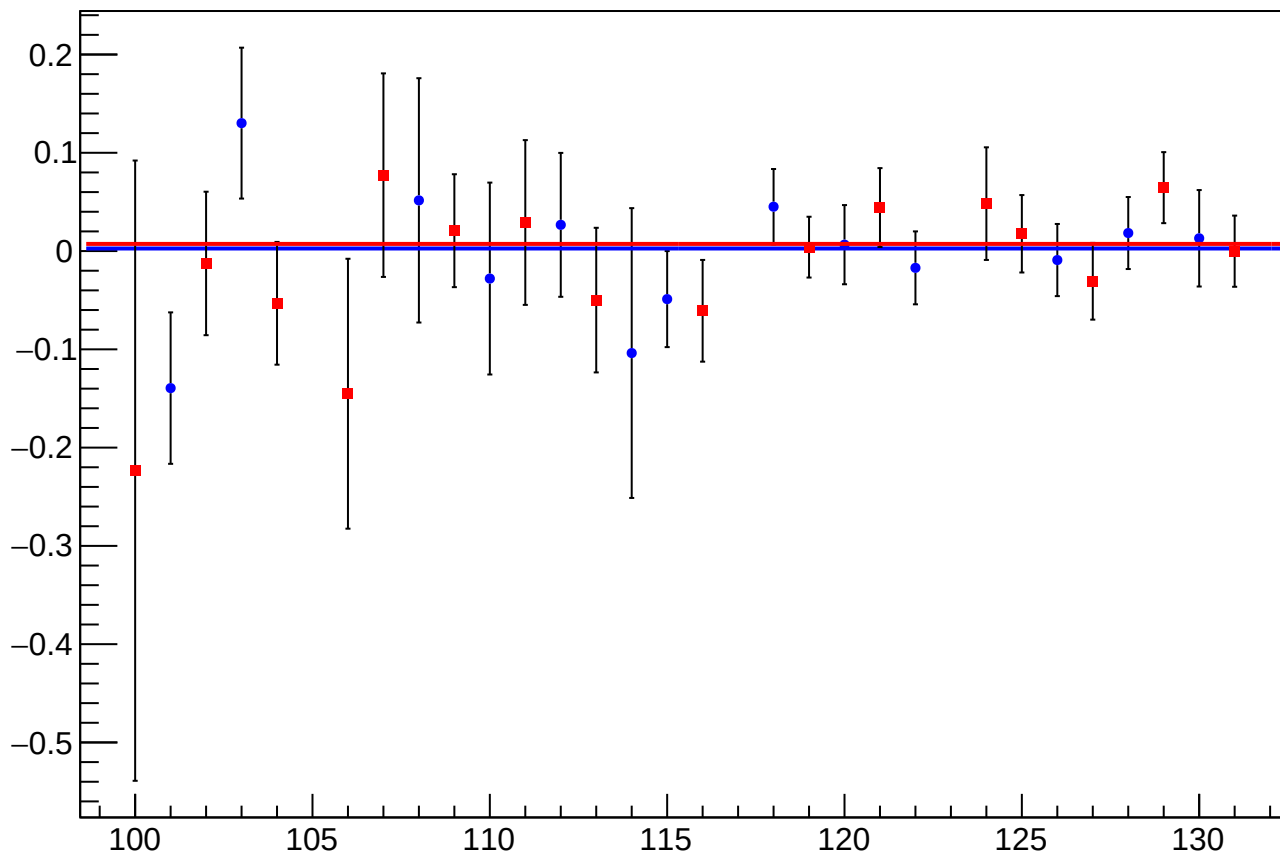
Right: 0.001+/-0.000 χ^2/NDF : 12276816.7/28

In: 0.001+/-0.000 χ^2/NDF :5892869.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 12276816.7/28

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

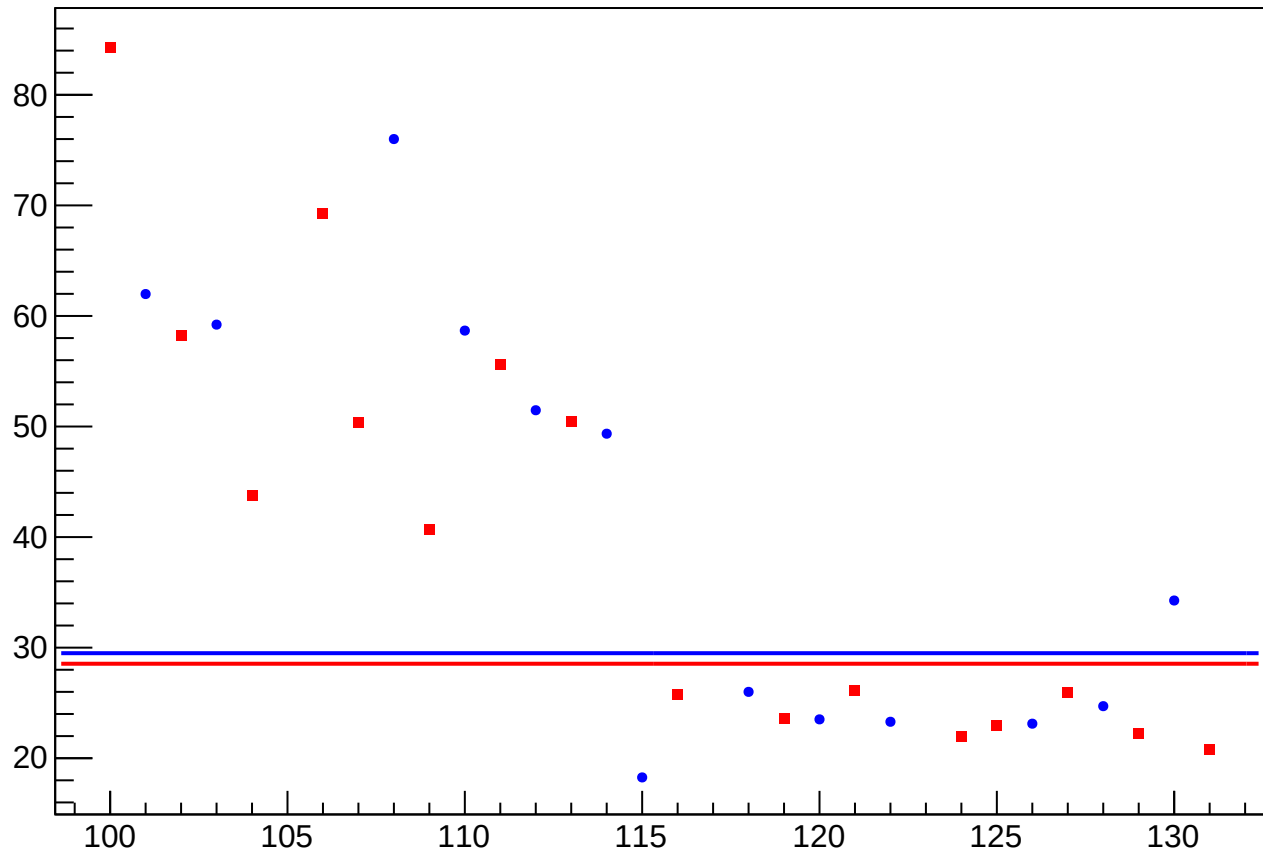
Right: 0.005+/-0.009 χ^2/NDF : 20.7/28

In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.009 χ^2/NDF : 20.7/28

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.544+/-0.009 χ^2/NDF : 1545902.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

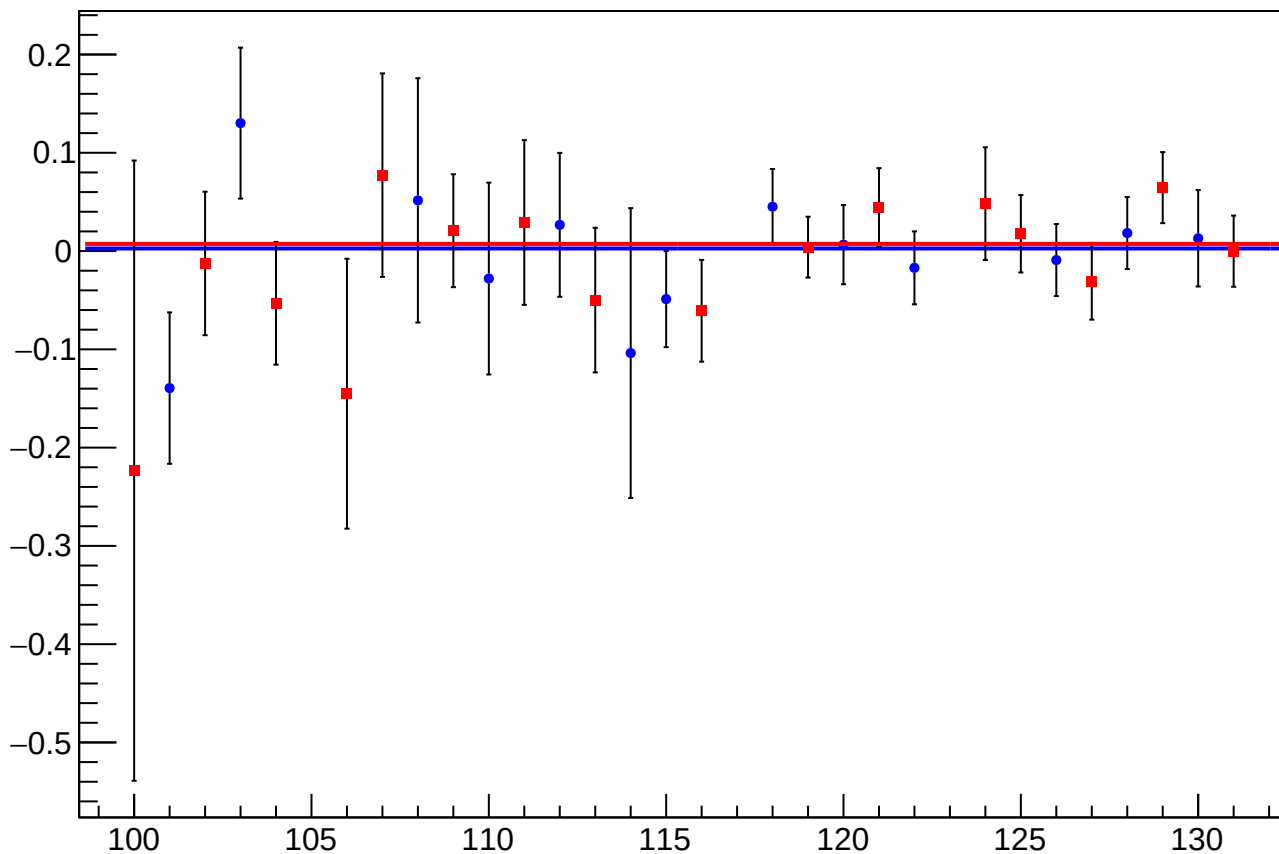
Right: 28.967+/-0.007 χ^2/NDF : 3216841.8/28

In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3216841.8/28

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

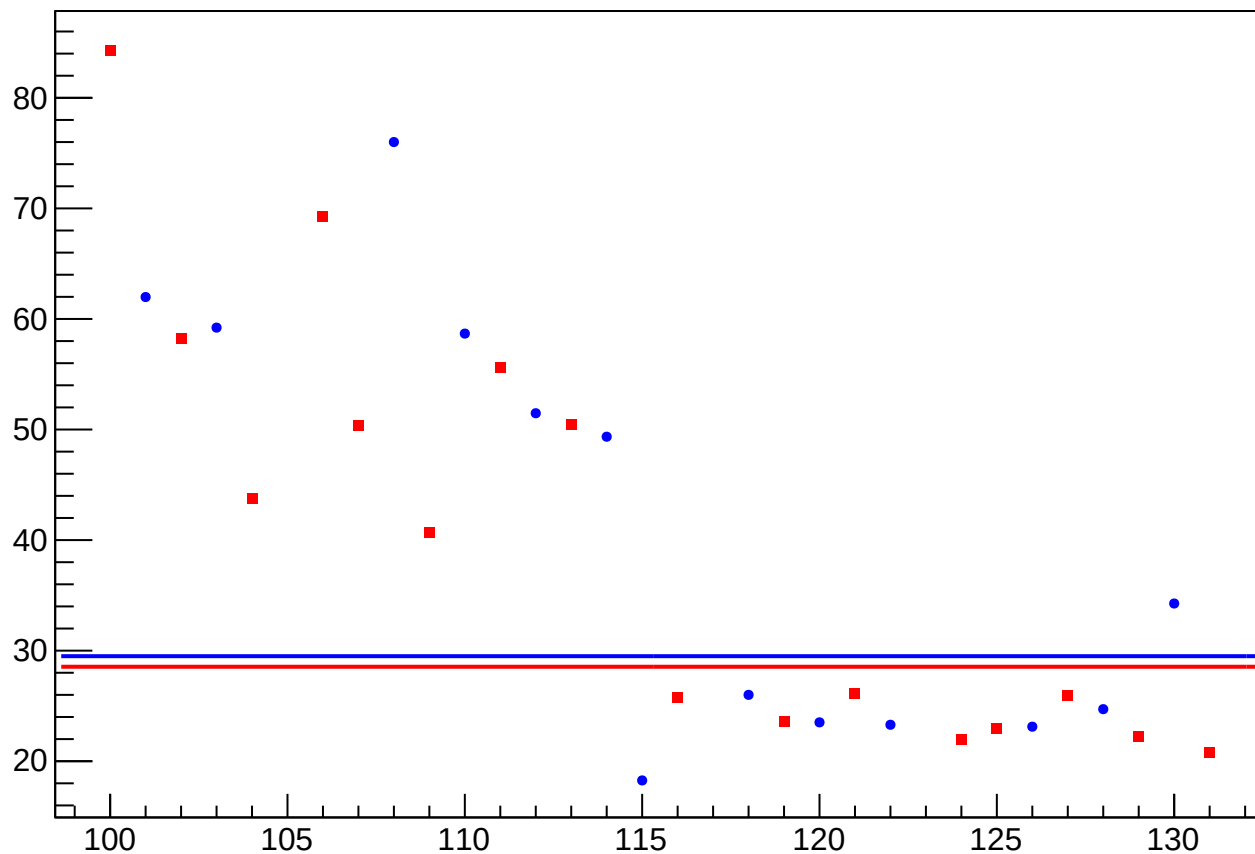
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.7/28

In: 0.003 $\pm$ 0.014 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.7/28

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.544+/-0.009 χ^2/NDF : 1545902.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

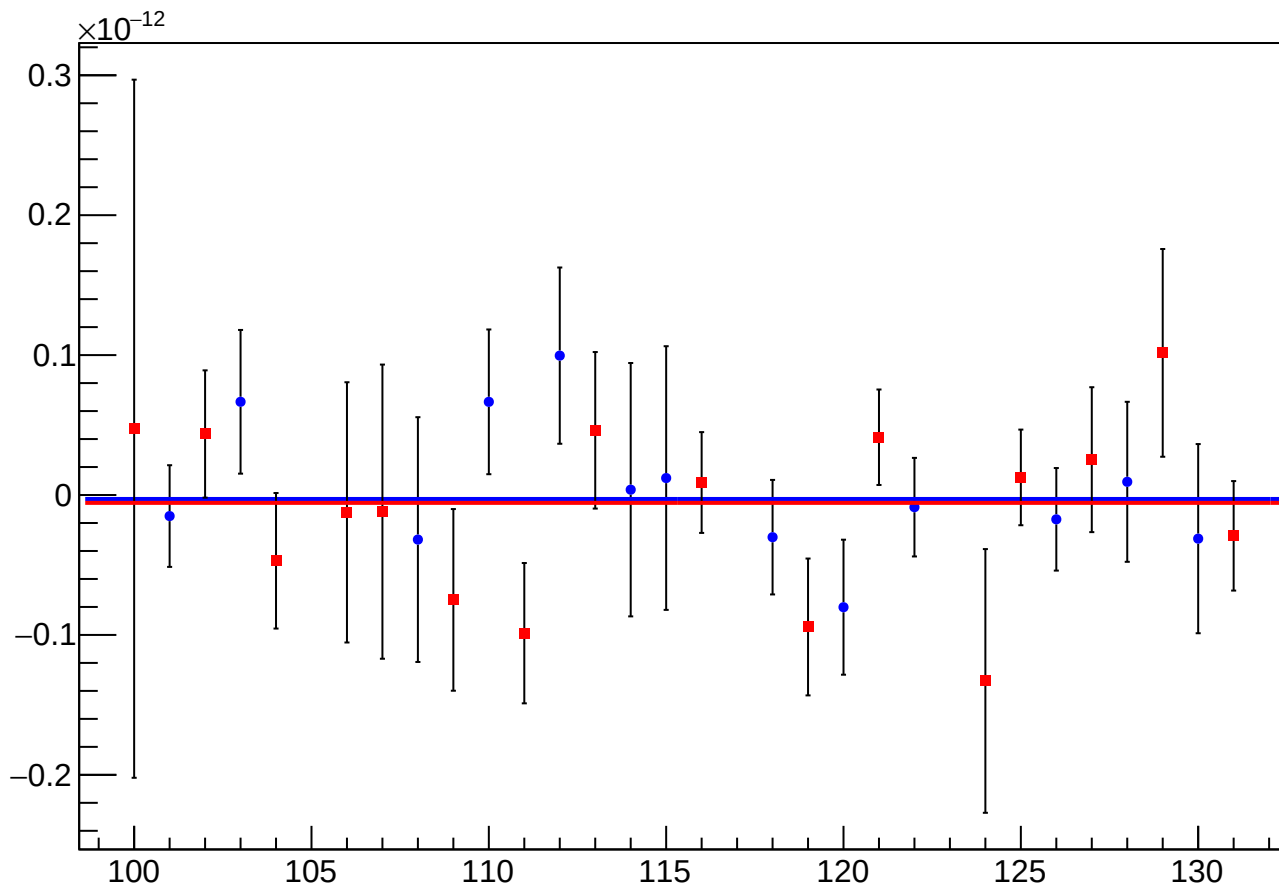
Right: 28.967+/-0.007 χ^2/NDF : 3216841.8/28

In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3216841.8/28

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

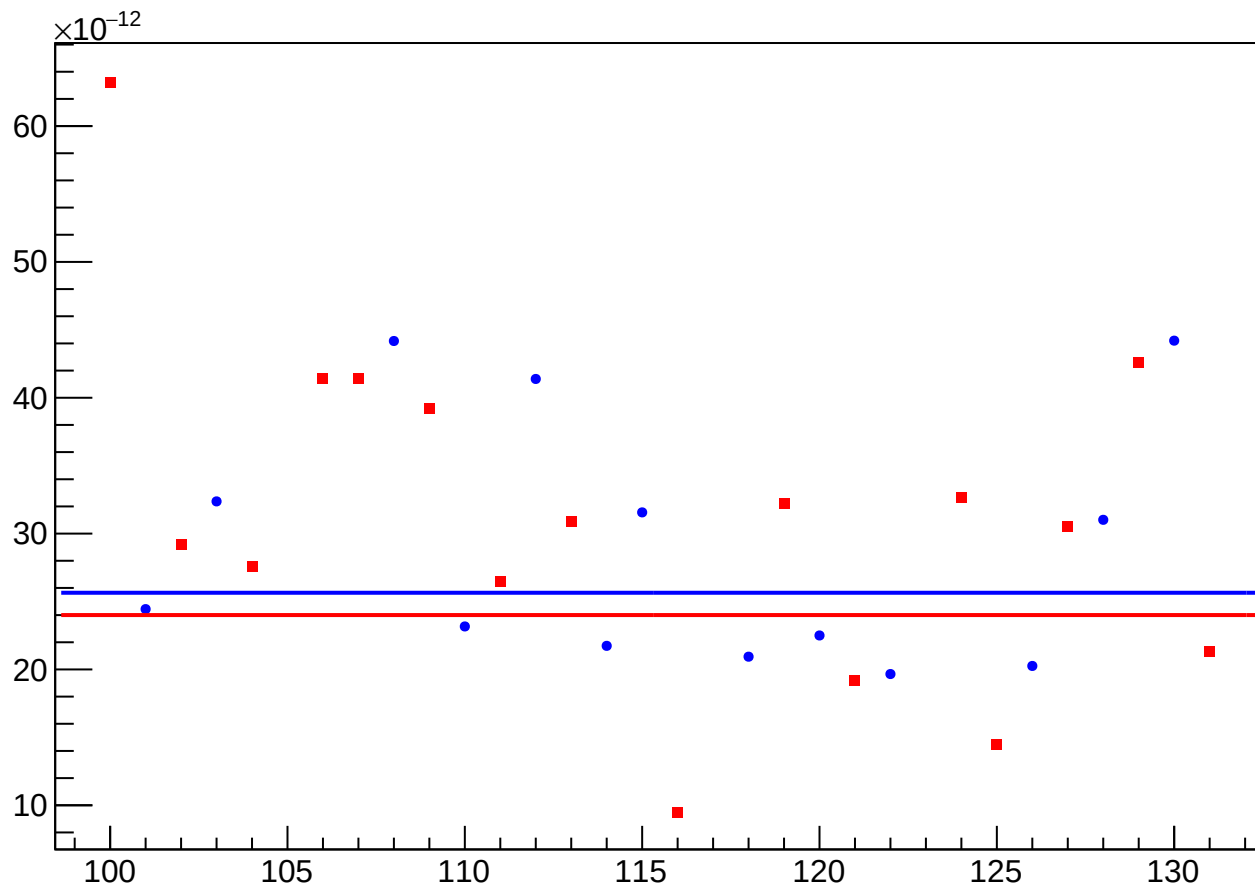
Right: -0.000+/-0.000 χ^2/NDF : 27.6/28

In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.6/28

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 571621.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1119366.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

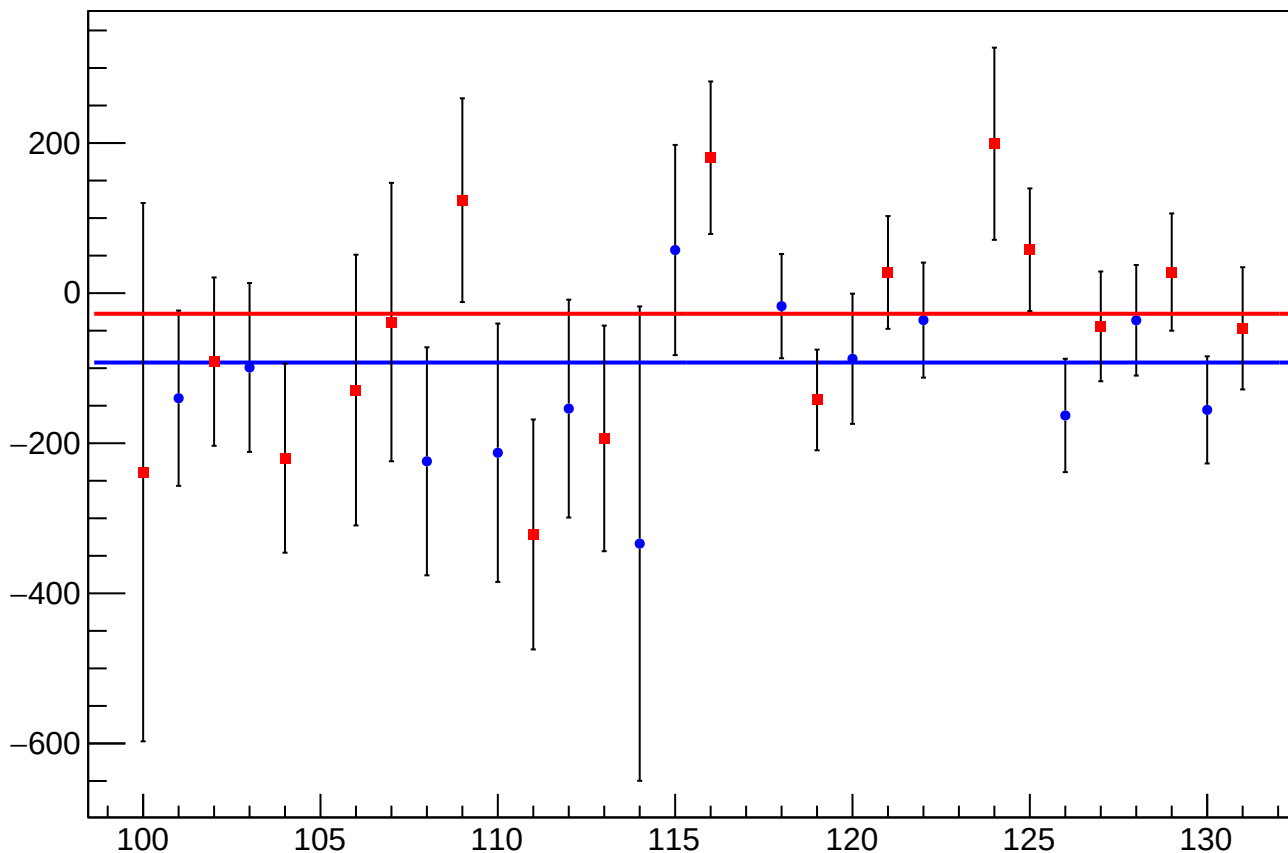
Right: 0.000+/-0.000 χ^2/NDF : 1706408.4/28

In: 0.000+/-0.000 χ^2/NDF : 571621.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1706408.4/28

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -92.445 ± 26.684 χ^2/NDF : 7.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.459 ± 25.318 χ^2/NDF : 22.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

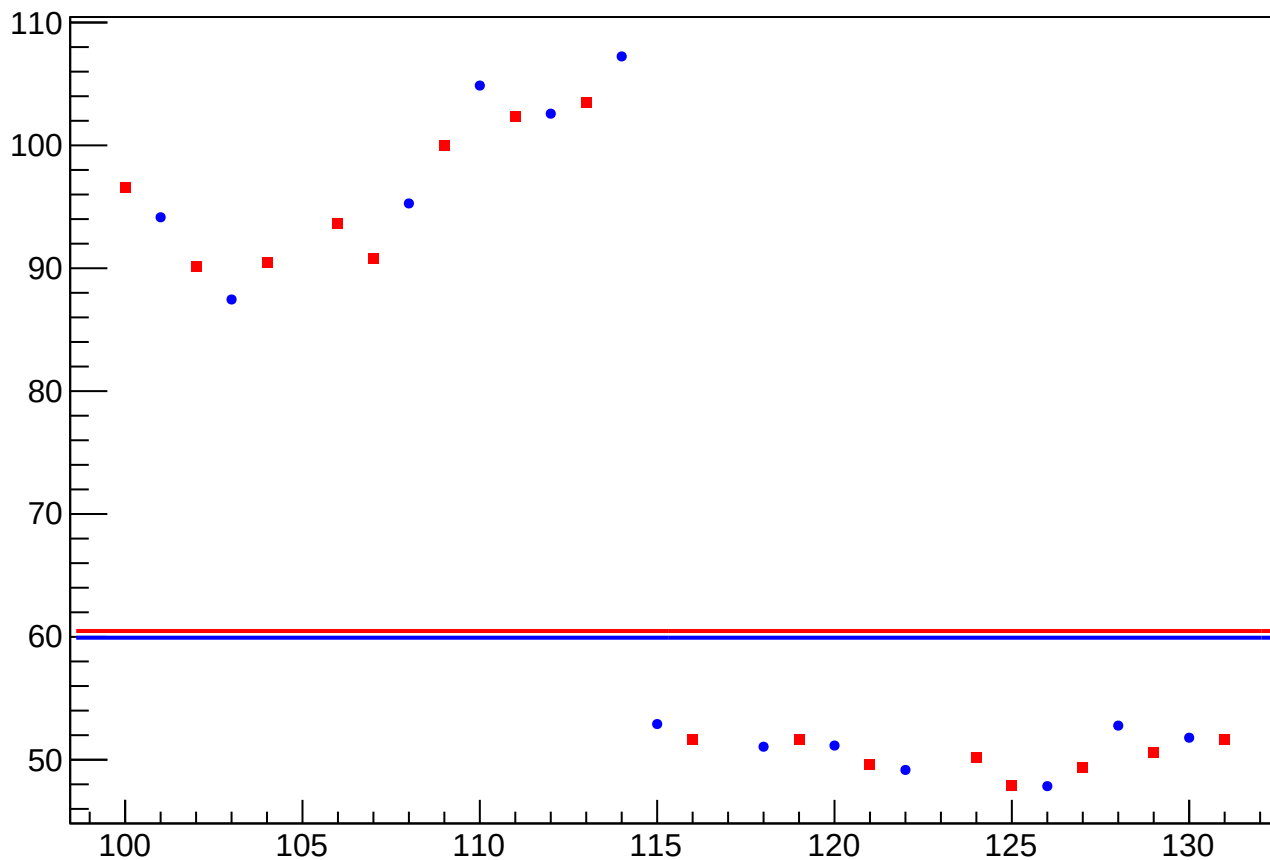
Right: -58.246 ± 18.367 χ^2/NDF : 32.4/28

In: -92.445 ± 26.684 χ^2/NDF : 7.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.246 ± 18.367 χ^2/NDF : 32.4/28

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.932+/-0.019 χ^2/NDF : 947132.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.477+/-0.018 χ^2/NDF : 1130441.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

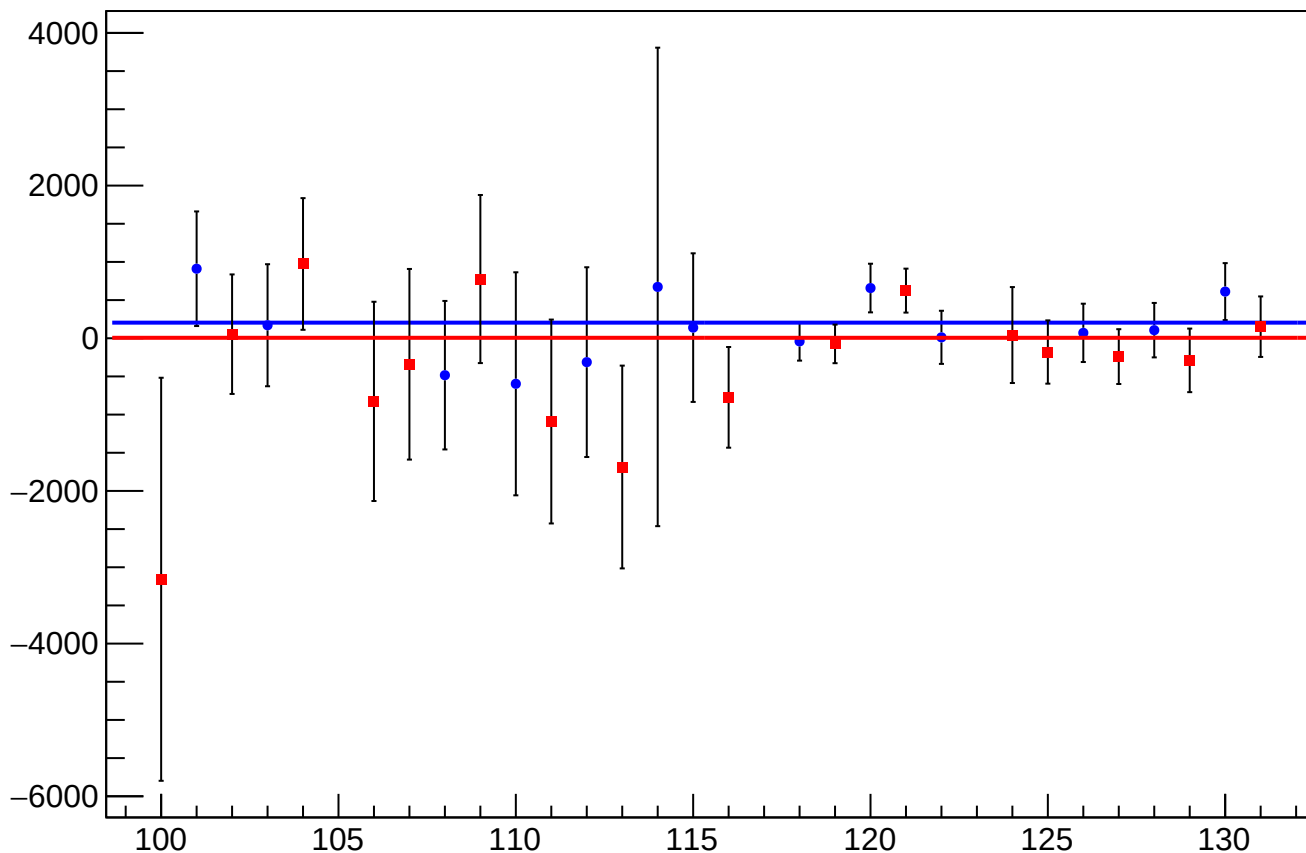
Right: 60.219+/-0.013 χ^2/NDF : 2078013.6/28

In: 59.932+/-0.019 χ^2/NDF :947132.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.219+/-0.013 χ^2/NDF : 2078013.6/28

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 204.554 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.070 $\pm$ 124.435 χ^2 /NDF: 13.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

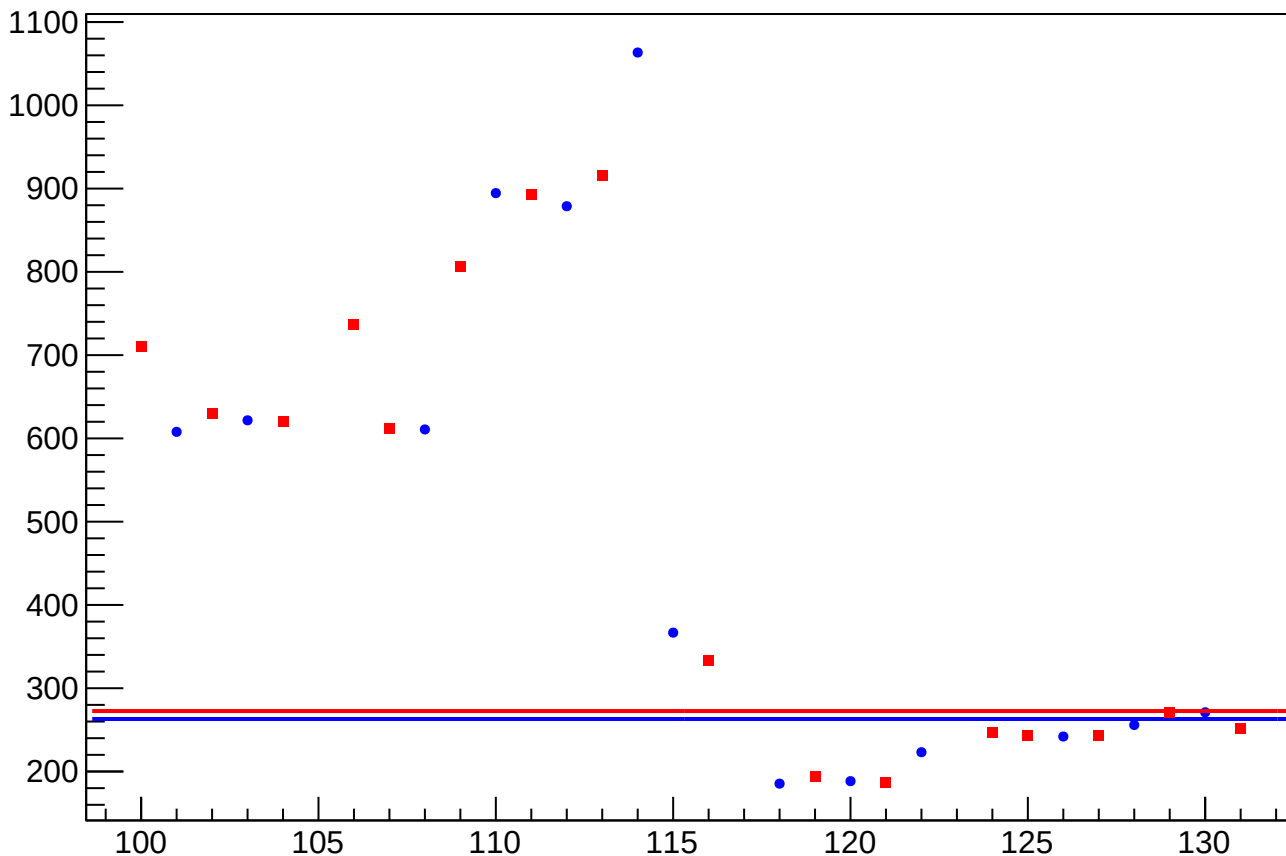
Right: 103.582 $\pm$ 88.752 χ^2 /NDF: 21.2/28

In: 204.554 $\pm$ 126.623 χ^2 /NDF:6.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.582 $\pm$ 88.752 χ^2 /NDF: 21.2/28

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 263.058+/-0.090 χ^2/NDF : 2430925.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.616+/-0.088 χ^2/NDF : 2992656.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

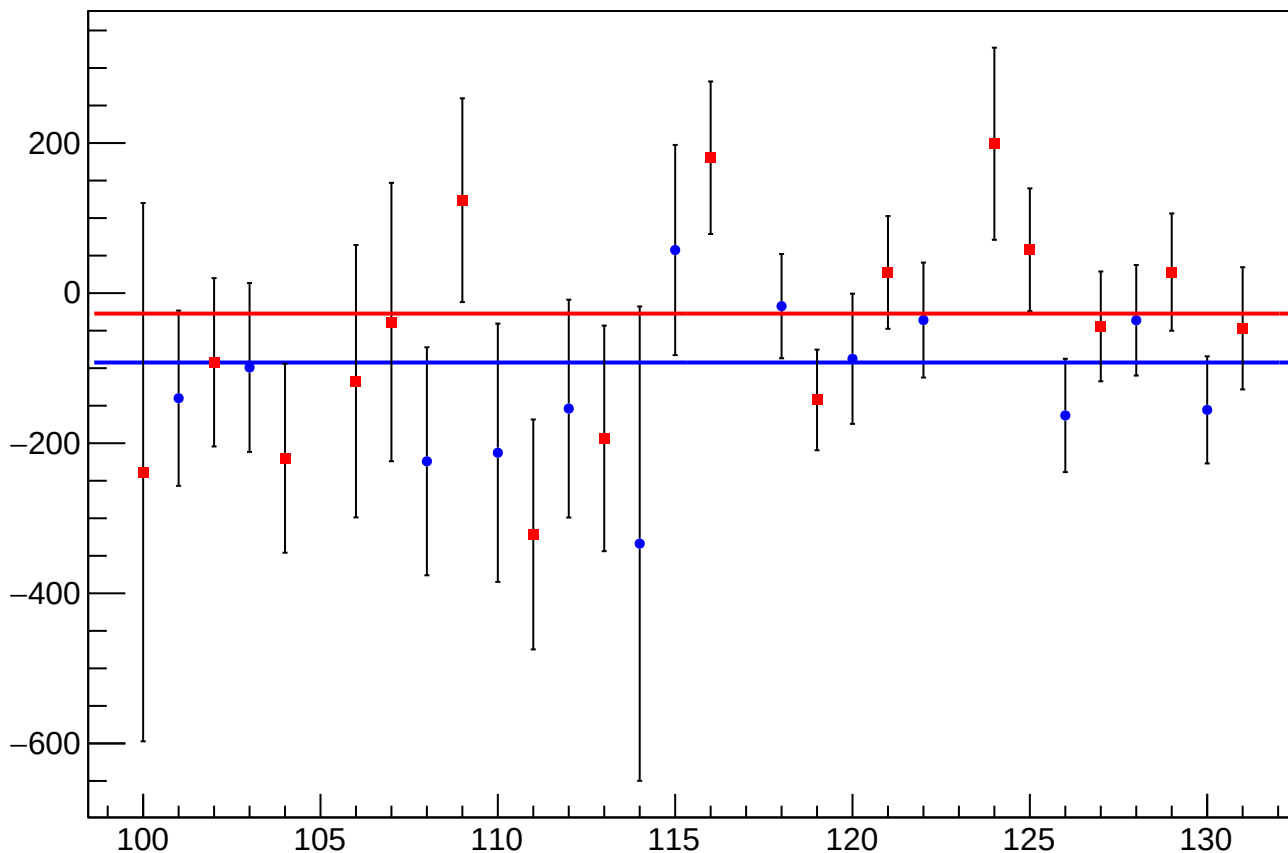
Right: 267.920+/-0.063 χ^2/NDF : 5429378.4/28

In: 263.058+/-0.090 χ^2/NDF : 2430925.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.920+/-0.063 χ^2/NDF : 5429378.4/28

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -92.446 ± 26.684 χ^2/NDF : 7.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.251 ± 25.321 χ^2/NDF : 21.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

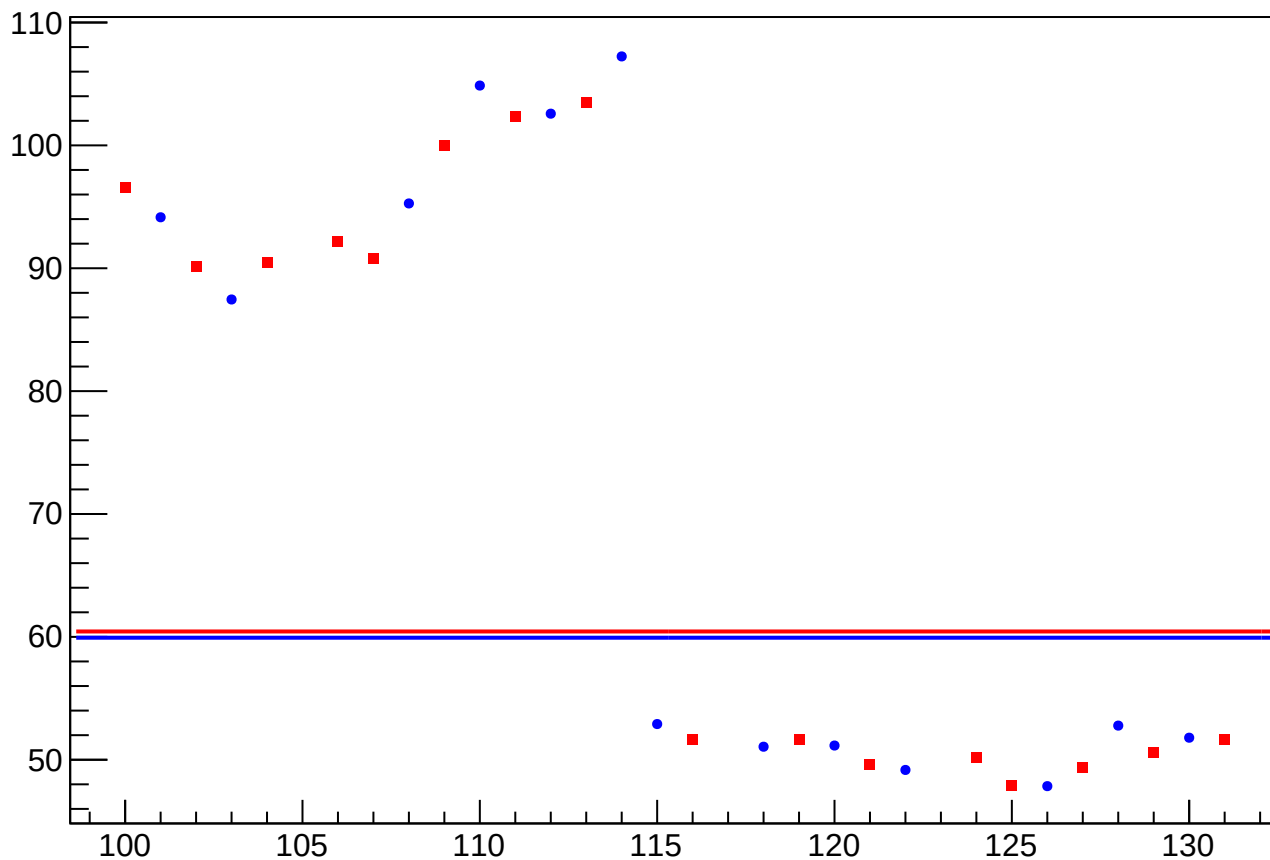
Right: -58.141 ± 18.368 χ^2/NDF : 32.3/28

In: -92.446 ± 26.684 χ^2/NDF : 7.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.141 ± 18.368 χ^2/NDF : 32.3/28

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.440+/-0.018 χ^2/NDF : 1123729.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

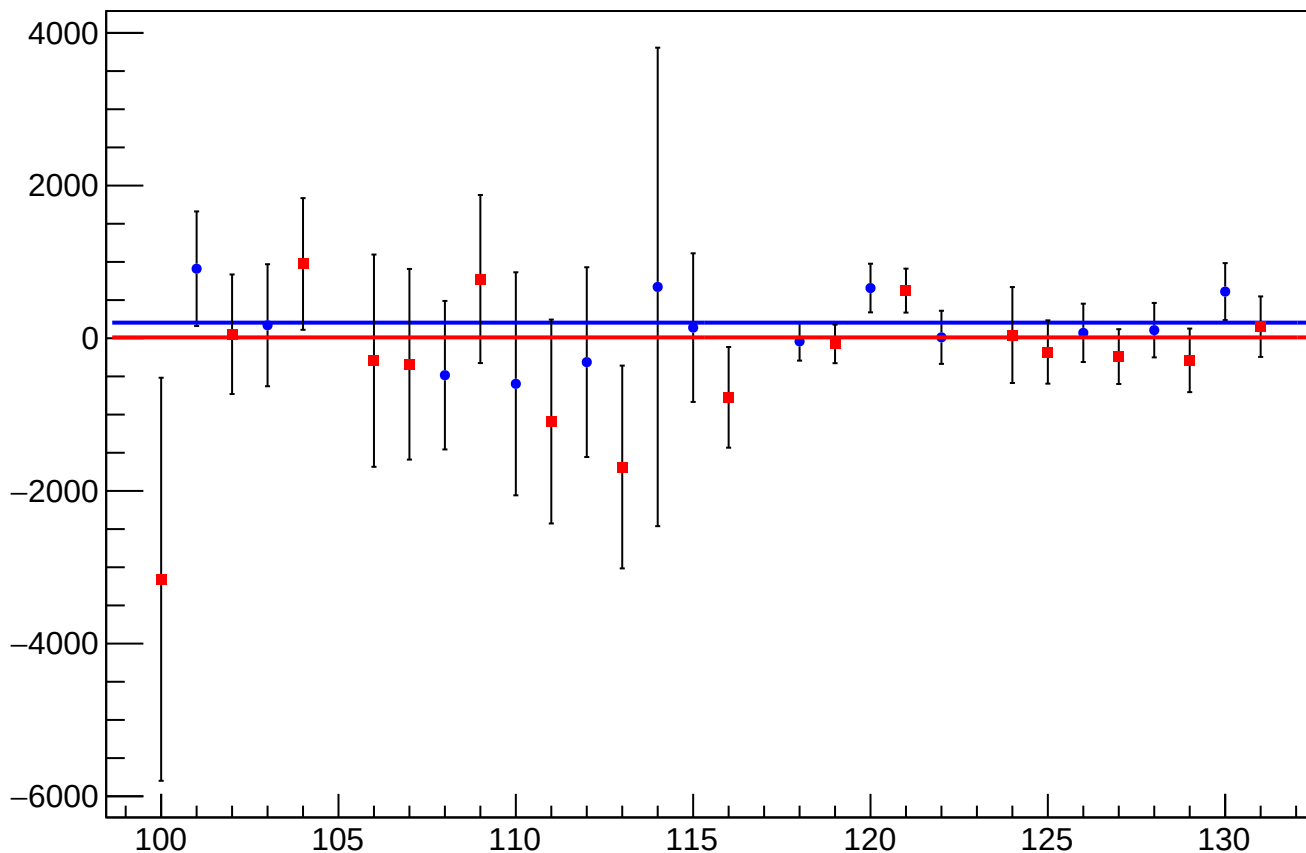
Right: 60.200+/-0.013 χ^2/NDF : 2071243.3/28

In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.200+/-0.013 χ^2/NDF : 2071243.3/28

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.550 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.216 $\pm$ 124.504 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

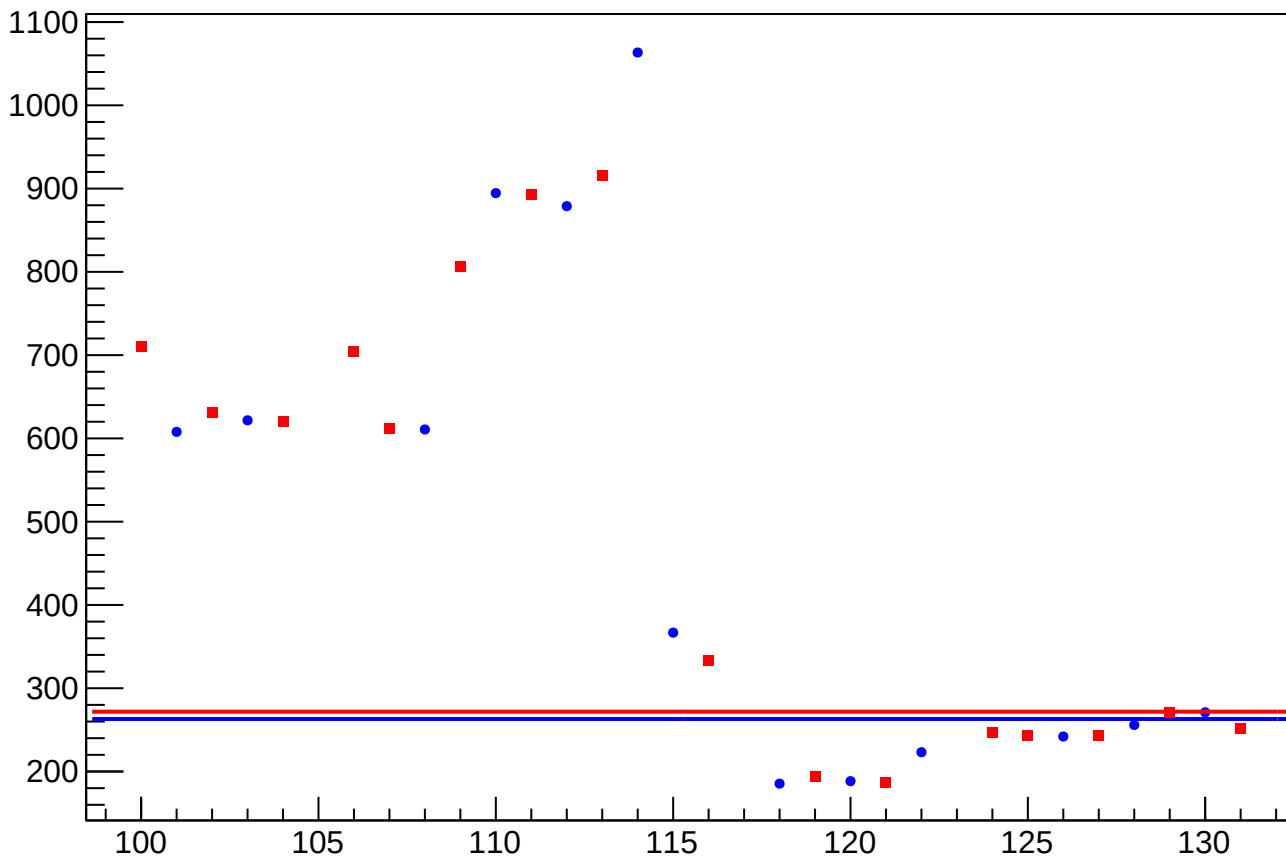
Right: 106.252 $\pm$ 88.777 χ^2 /NDF: 20.8/28

In: 204.550 $\pm$ 126.623 χ^2 /NDF:6.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.252 $\pm$ 88.777 χ^2 /NDF: 20.8/28

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.856+/-0.088 χ^2/NDF : 2933093.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

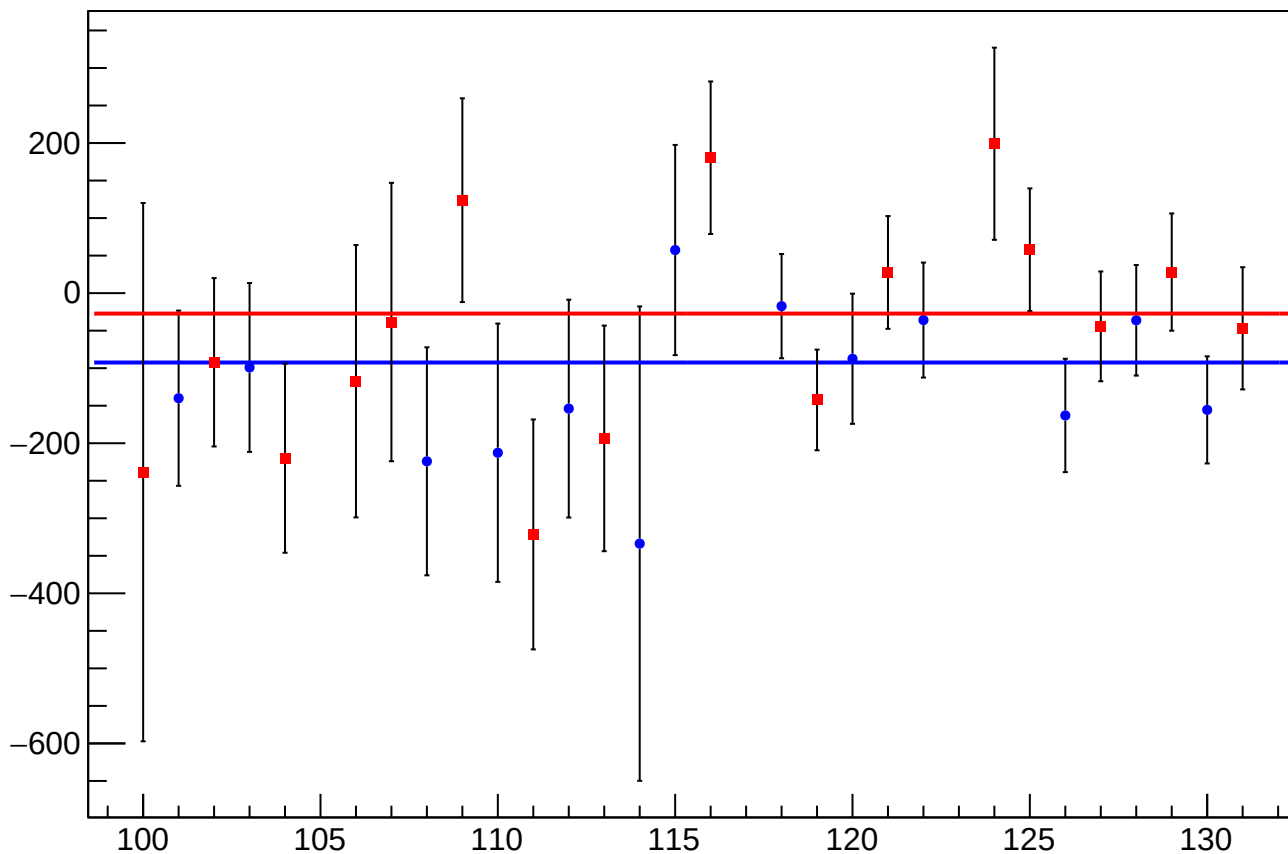
Right: 267.531+/-0.063 χ^2/NDF : 5368945.2/28

In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.531+/-0.063 χ^2/NDF : 5368945.2/28

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -92.446 $\pm$ 26.684 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.251 $\pm$ 25.321 χ^2 /NDF: 21.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

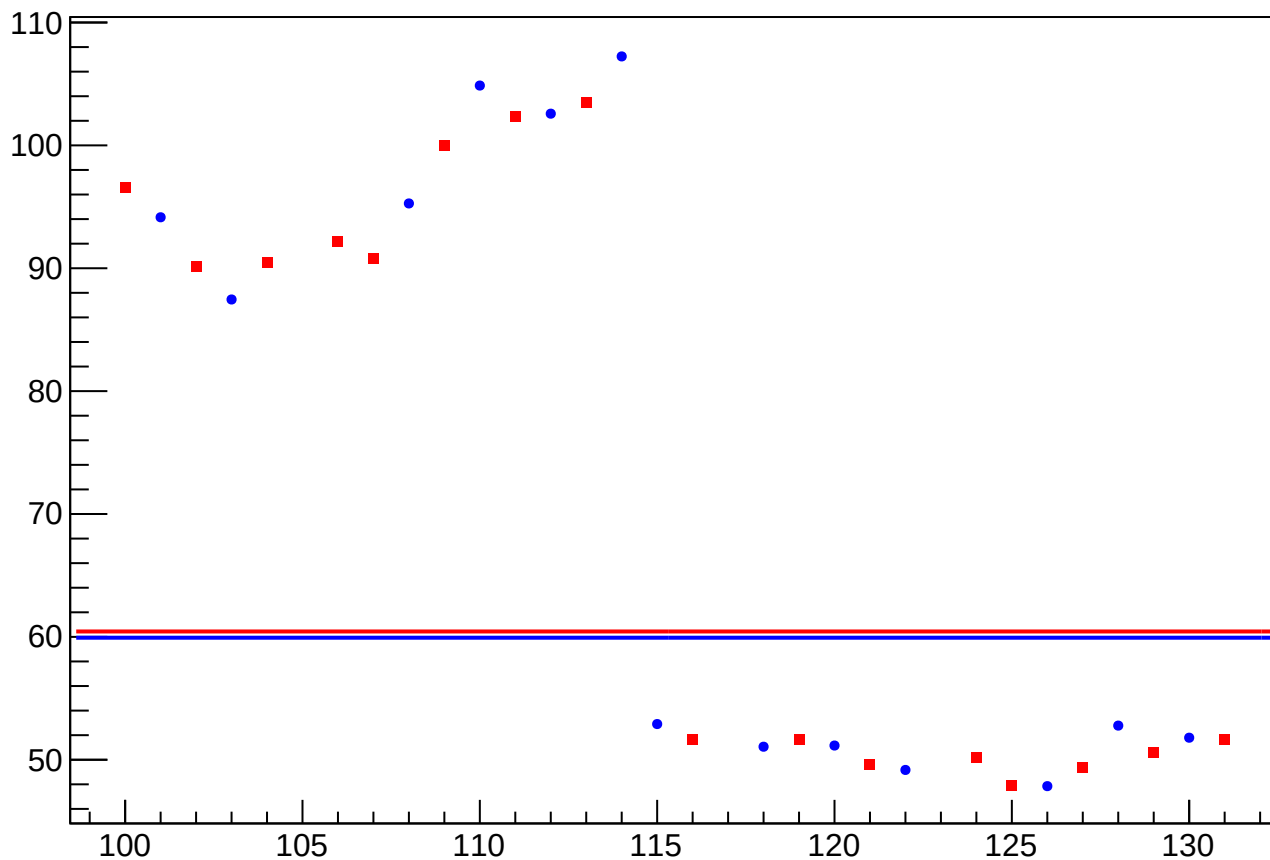
Right: -58.141 $\pm$ 18.368 χ^2 /NDF: 32.3/28

In: -92.446 $\pm$ 26.684 χ^2 /NDF:7.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.141 $\pm$ 18.368 χ^2 /NDF: 32.3/28

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.440+/-0.018 χ^2/NDF : 1123729.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

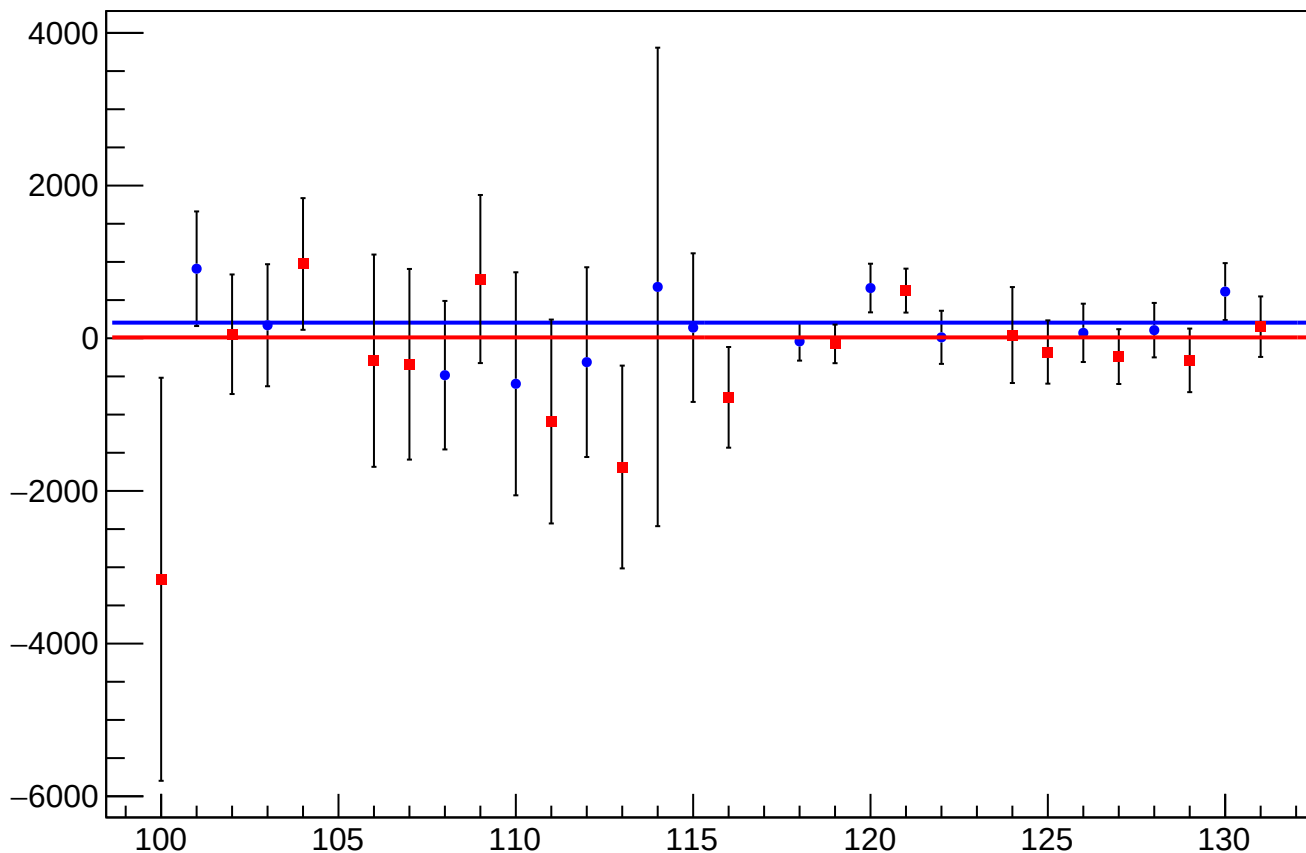
Right: 60.200+/-0.013 χ^2/NDF : 2071243.3/28

In: 59.932+/-0.019 χ^2/NDF :947133.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.200+/-0.013 χ^2/NDF : 2071243.3/28

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.550 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.216 $\pm$ 124.504 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

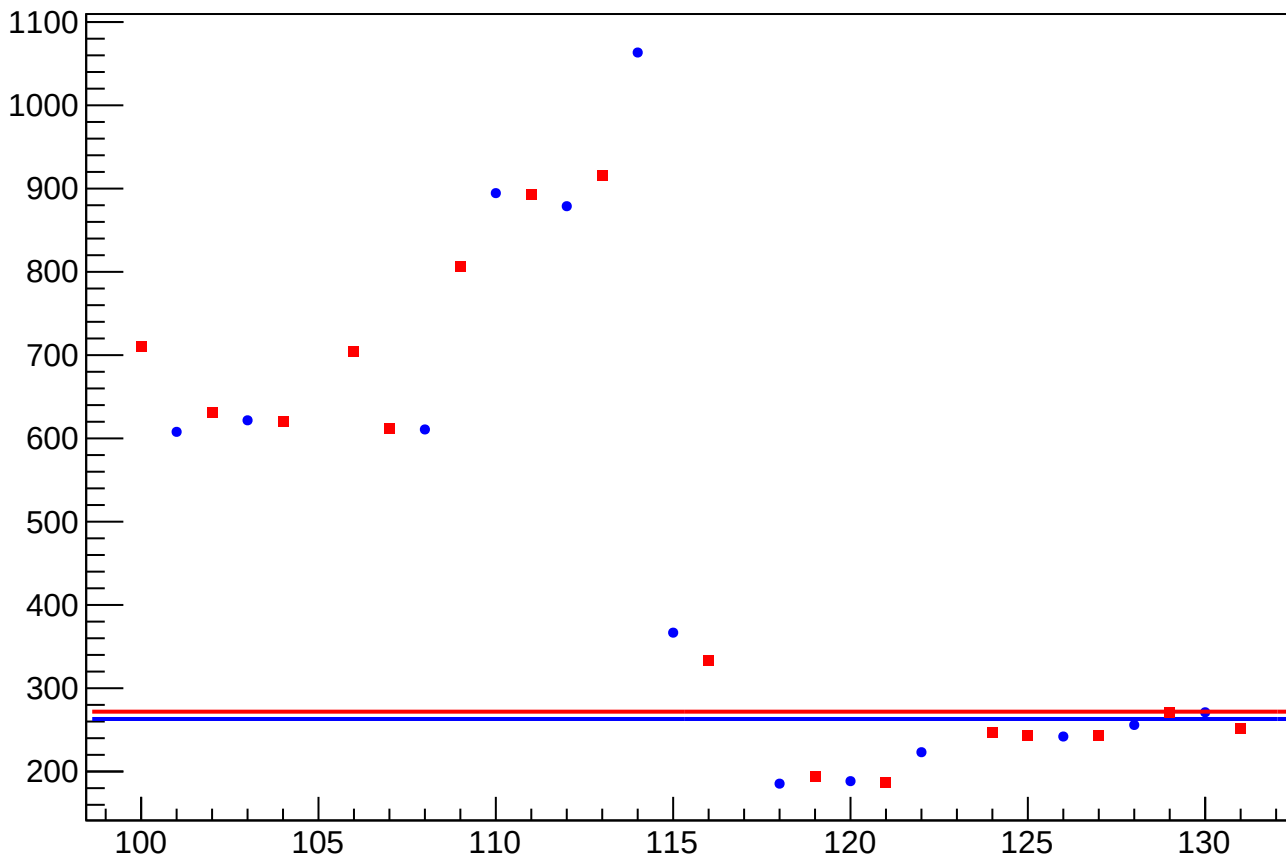
Right: 106.252 $\pm$ 88.777 χ^2 /NDF: 20.8/28

In: 204.550 $\pm$ 126.623 χ^2 /NDF:6.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.252 $\pm$ 88.777 χ^2 /NDF: 20.8/28

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.856+/-0.088 χ^2/NDF : 2933093.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

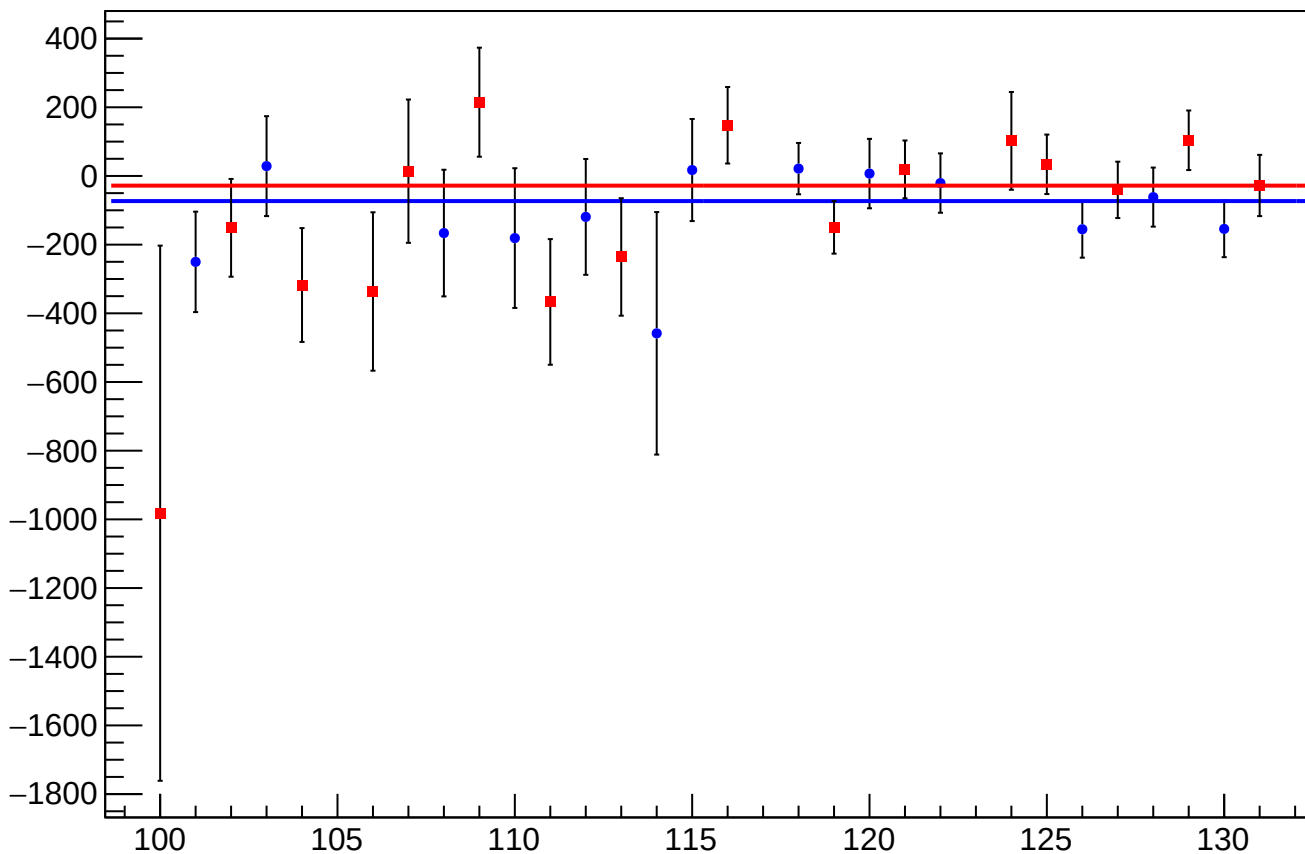
Right: 267.531+/-0.063 χ^2/NDF : 5368945.2/28

In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.531+/-0.063 χ^2/NDF : 5368945.2/28

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.142 ± 30.499 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.159 ± 28.685 χ^2/NDF : 23.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

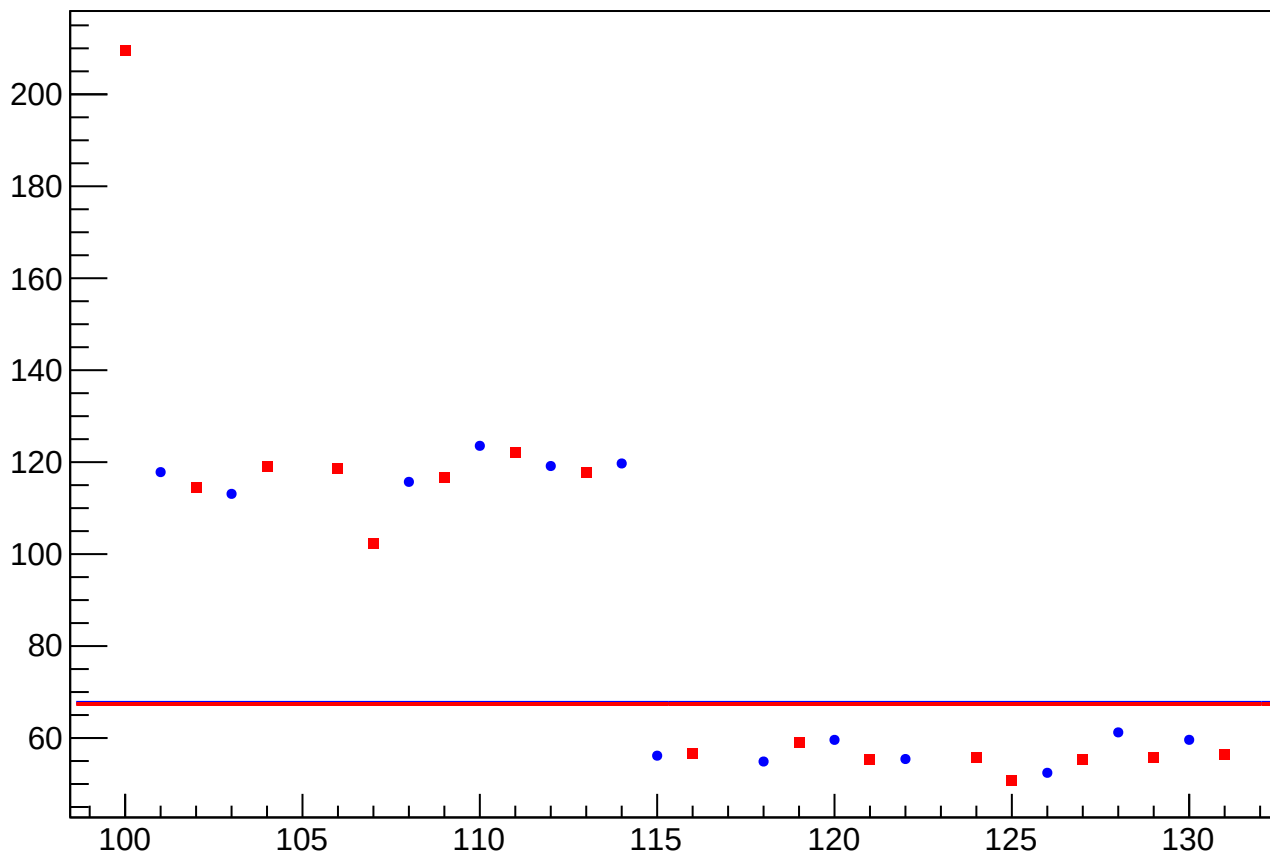
Right: -49.273 ± 20.895 χ^2/NDF : 33.2/28

In: -73.142 ± 30.499 χ^2/NDF : 8.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.273 ± 20.895 χ^2/NDF : 33.2/28

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 67.640+/-0.022 χ^2/NDF : 1168296.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.402+/-0.020 χ^2/NDF : 1460612.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

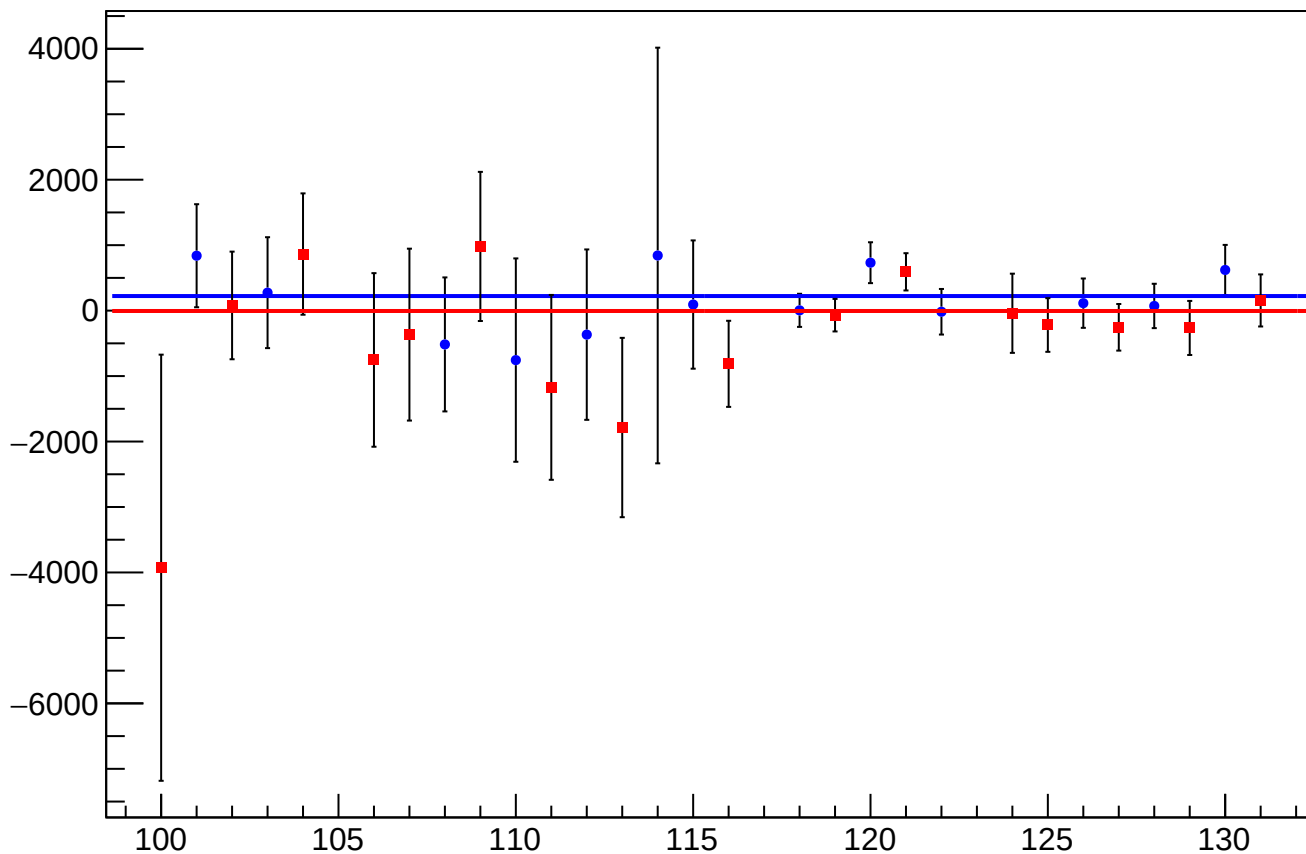
Right: 67.514+/-0.015 χ^2/NDF : 2628973.3/28

In: 67.640+/-0.022 χ^2/NDF : 1168296.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.514+/-0.015 χ^2/NDF : 2628973.3/28

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 222.643 $\pm$ 126.168 χ^2 /NDF: 7.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.609 $\pm$ 123.738 χ^2 /NDF: 13.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

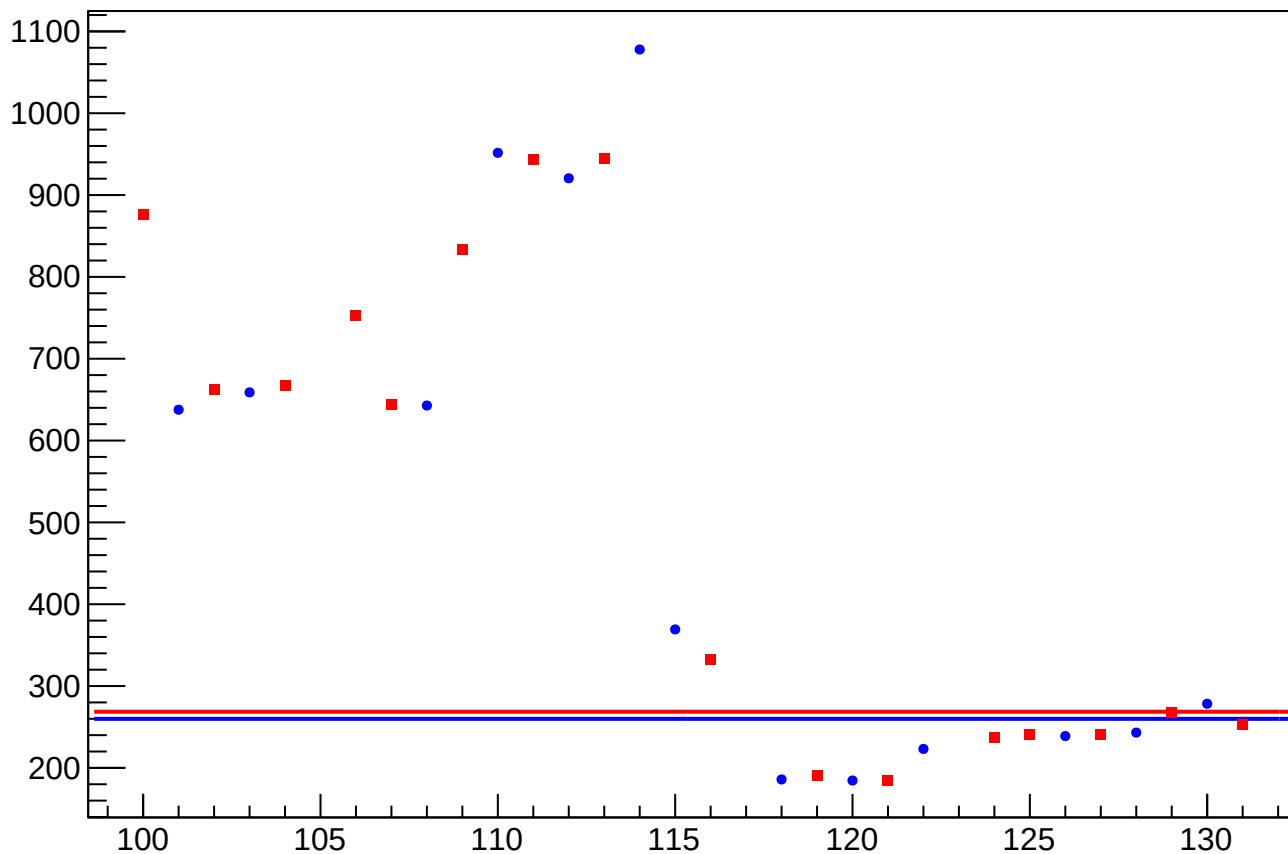
Right: 106.298 $\pm$ 88.343 χ^2 /NDF: 21.9/28

In: 222.643 $\pm$ 126.168 χ^2 /NDF:7.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.298 $\pm$ 88.343 χ^2 /NDF: 21.9/28

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.930+/-0.089 χ^2/NDF : 2579357.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.624+/-0.087 χ^2/NDF : 3184481.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

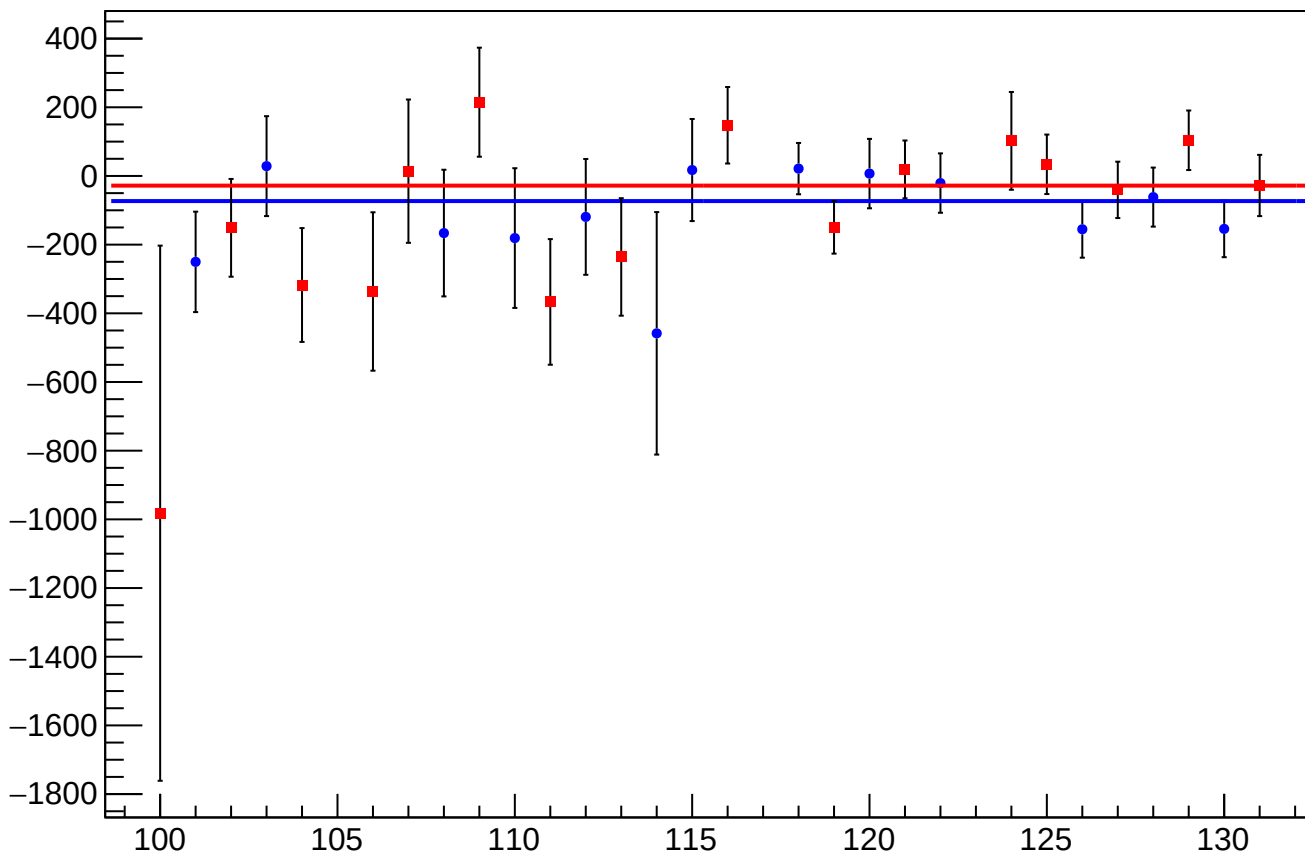
Right: 264.361+/-0.062 χ^2/NDF : 5768680.6/28

In: 259.930+/-0.089 χ^2/NDF : 2579357.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.361+/-0.062 χ^2/NDF : 5768680.6/28

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.142 $\pm$ 30.499 χ^2 /NDF: 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.163 $\pm$ 28.685 χ^2 /NDF: 23.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

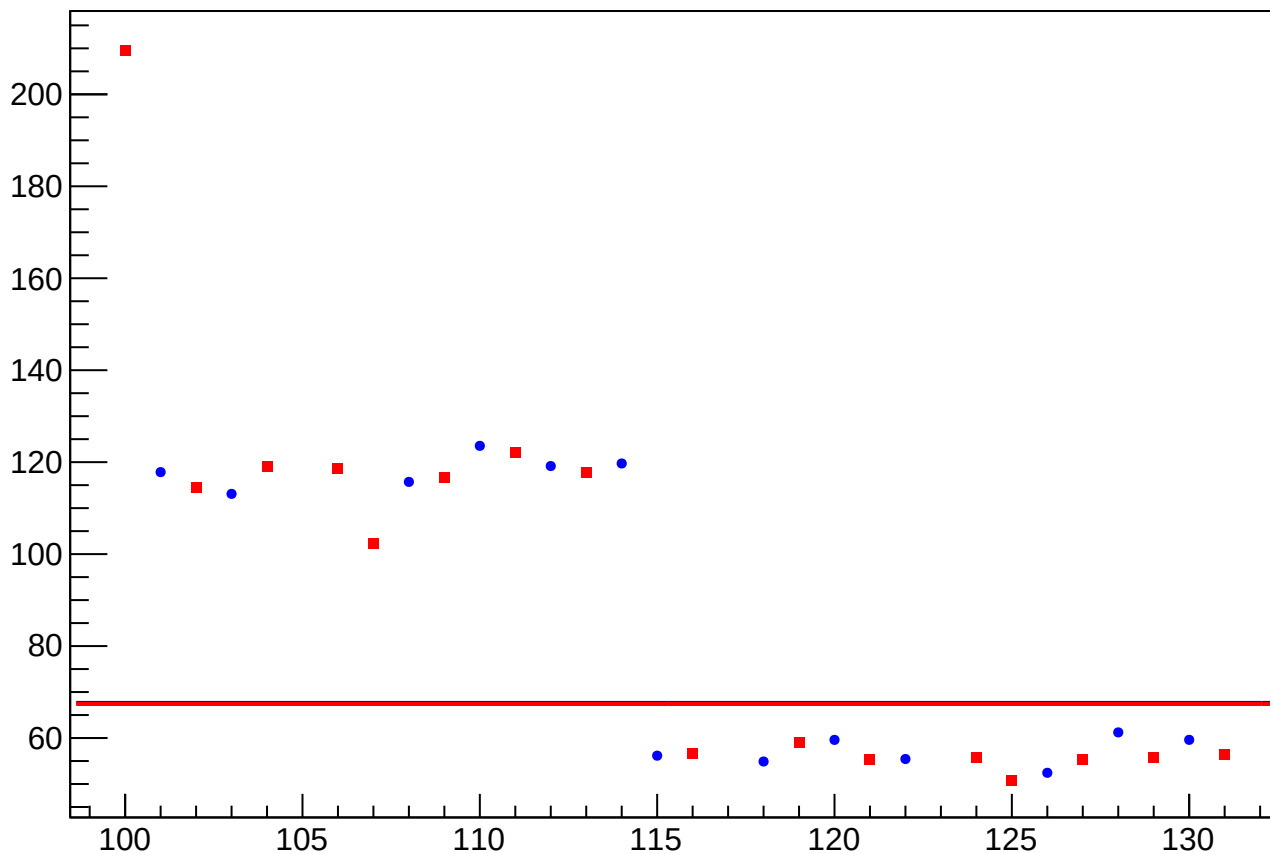
Right: -49.275 $\pm$ 20.895 χ^2 /NDF: 33.2/28

In: -73.142 $\pm$ 30.499 χ^2 /NDF:8.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.275 $\pm$ 20.895 χ^2 /NDF: 33.2/28

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 67.639+/-0.022 χ^2/NDF : 1168291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.402+/-0.020 χ^2/NDF : 1460598.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

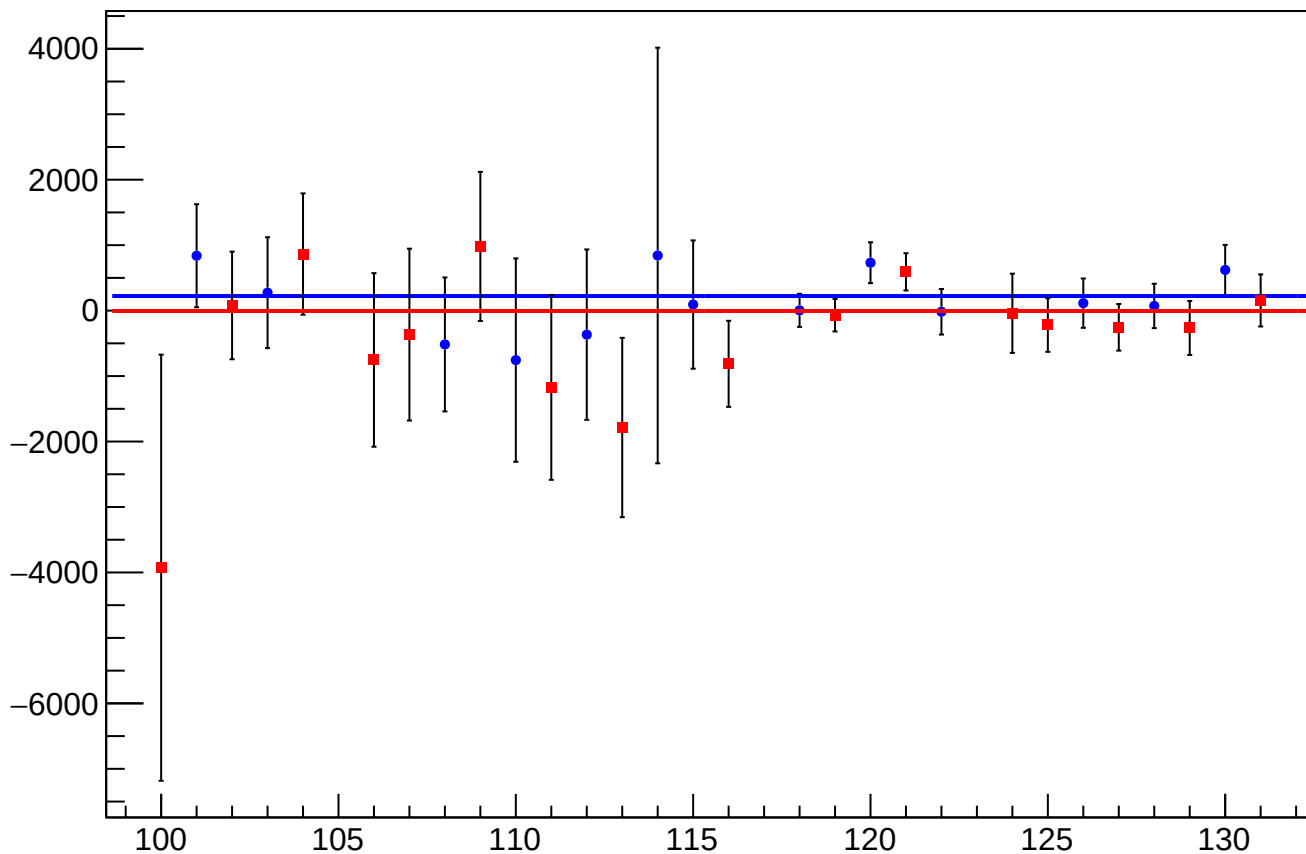
Right: 67.513+/-0.015 χ^2/NDF : 2628953.8/28

In: 67.639+/-0.022 χ^2/NDF : 1168291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.513+/-0.015 χ^2/NDF : 2628953.8/28

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 222.642 $\pm$ 126.167 χ^2 /NDF: 7.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.611 $\pm$ 123.738 χ^2 /NDF: 13.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

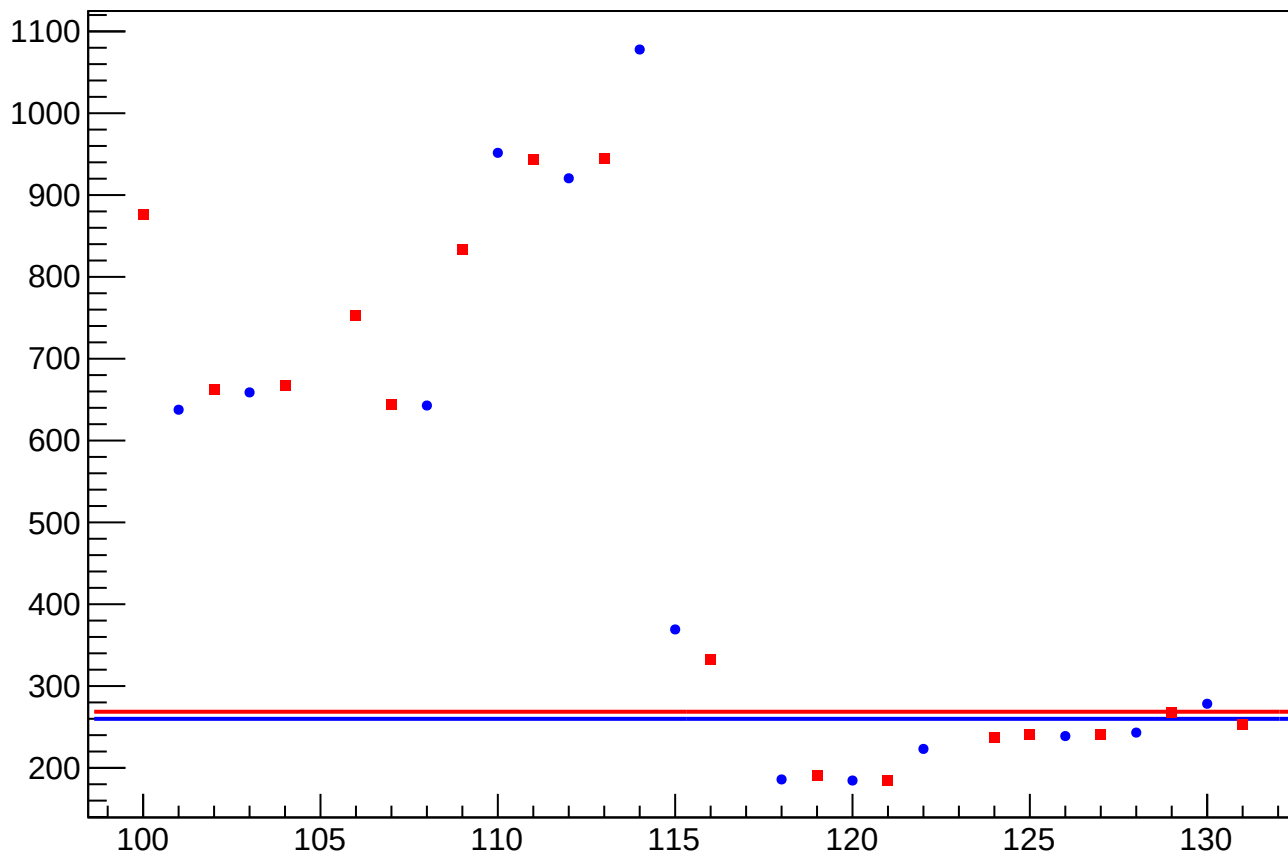
Right: 106.297 $\pm$ 88.342 χ^2 /NDF: 21.9/28

In: 222.642 $\pm$ 126.167 χ^2 /NDF:7.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.297 $\pm$ 88.342 χ^2 /NDF: 21.9/28

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.929+/-0.089 χ^2/NDF : 2579352.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.624+/-0.087 χ^2/NDF : 3184468.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

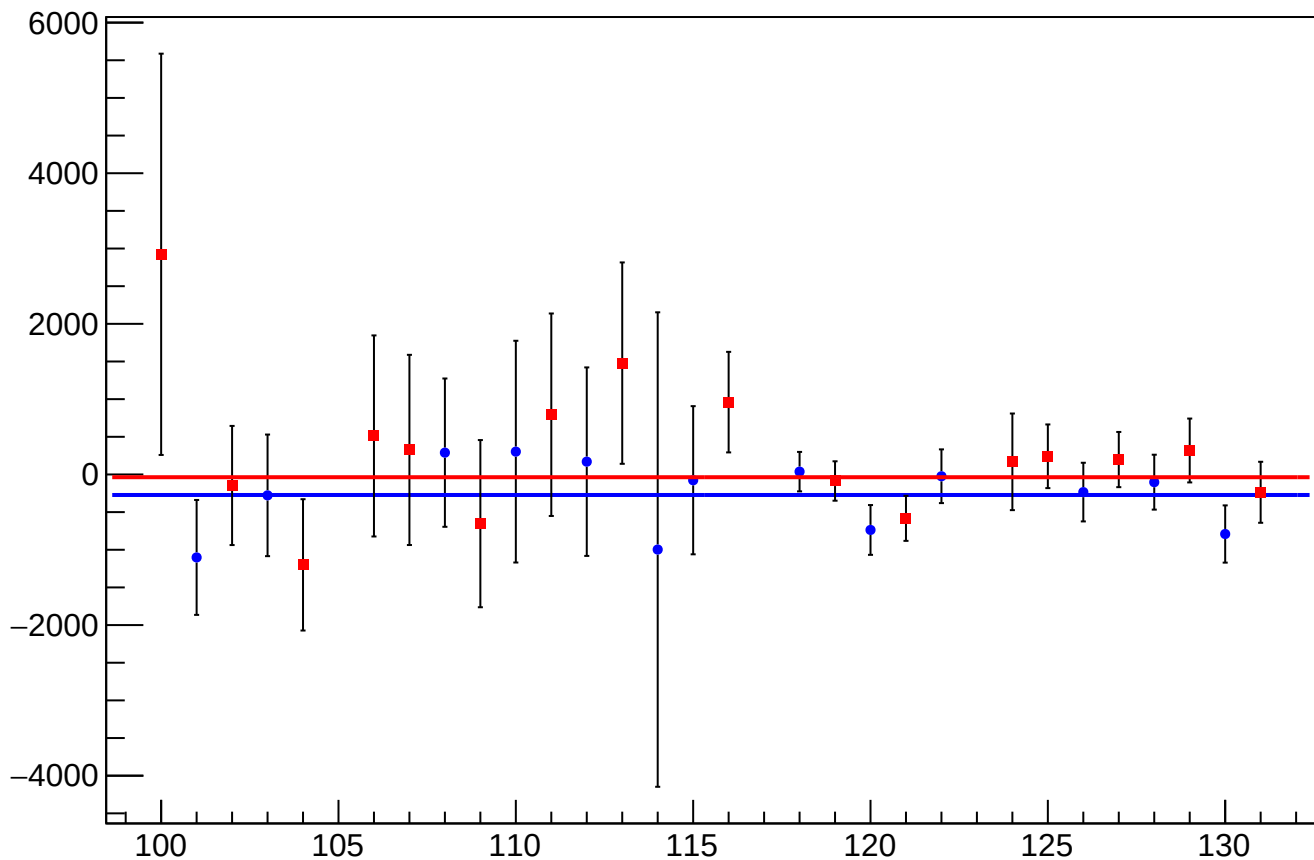
Right: 264.361+/-0.062 χ^2/NDF : 5768662.3/28

In: 259.929+/-0.089 χ^2/NDF : 2579352.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.361+/-0.062 χ^2/NDF : 5768662.3/28

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -272.525 ± 130.030 χ^2/NDF : 7.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.596 ± 127.696 χ^2/NDF : 12.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

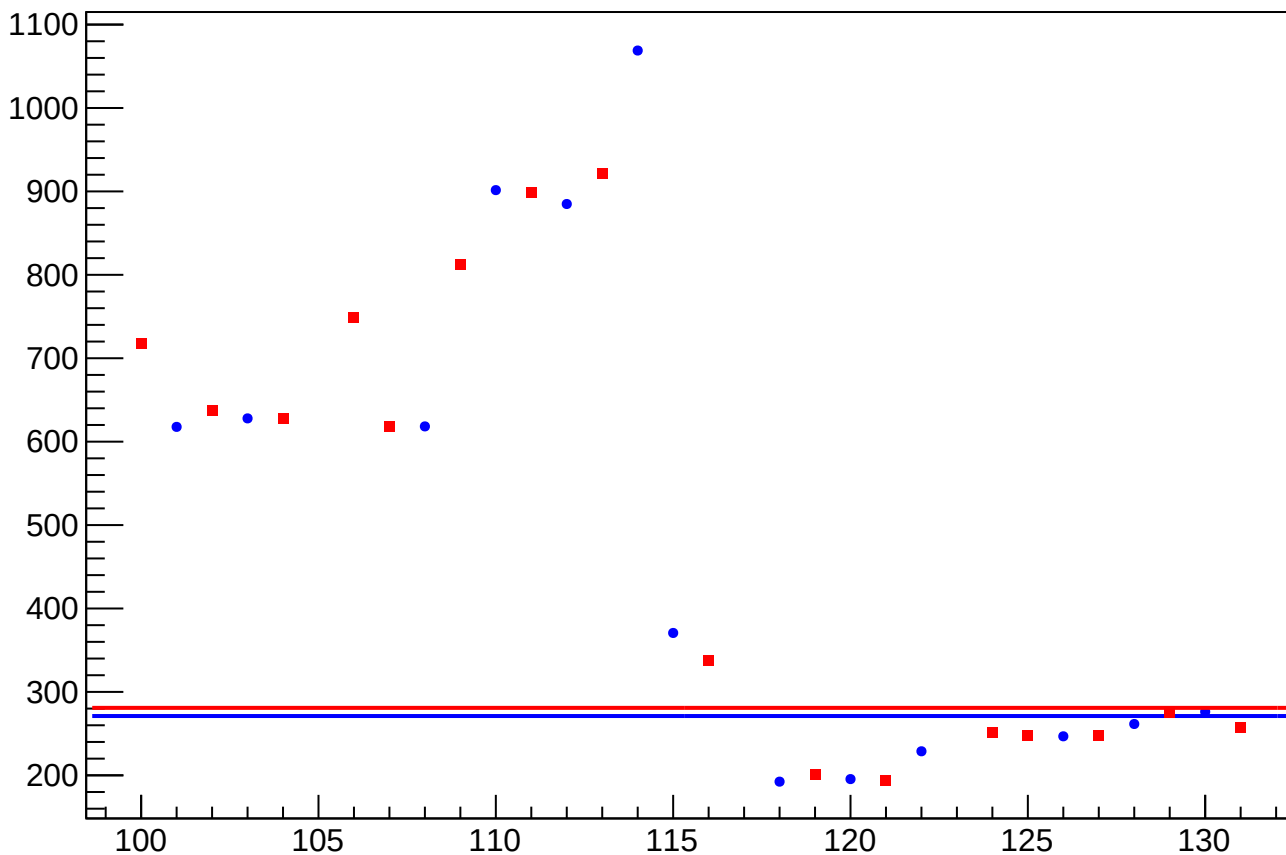
Right: -152.425 ± 91.109 χ^2/NDF : 22.3/28

In: -272.525 ± 130.030 χ^2/NDF : 7.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -152.425 ± 91.109 χ^2/NDF : 22.3/28

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 271.085+/-0.092 χ^2/NDF : 2371426.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.879+/-0.090 χ^2/NDF : 2914839.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

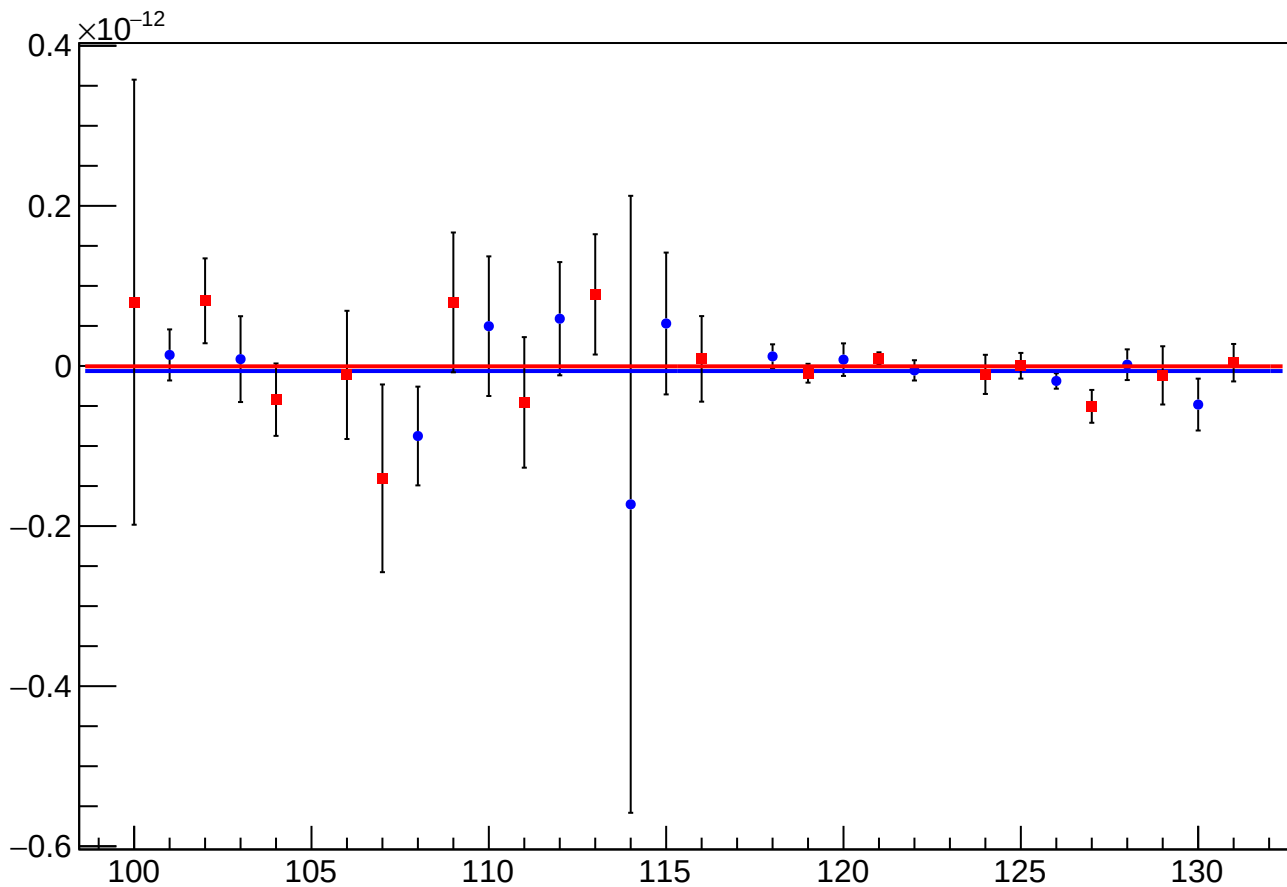
Right: 276.071+/-0.064 χ^2/NDF : 5292041.5/28

In: 271.085+/-0.092 χ^2/NDF : 2371426.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.071+/-0.064 χ^2/NDF : 5292041.5/28

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 15.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

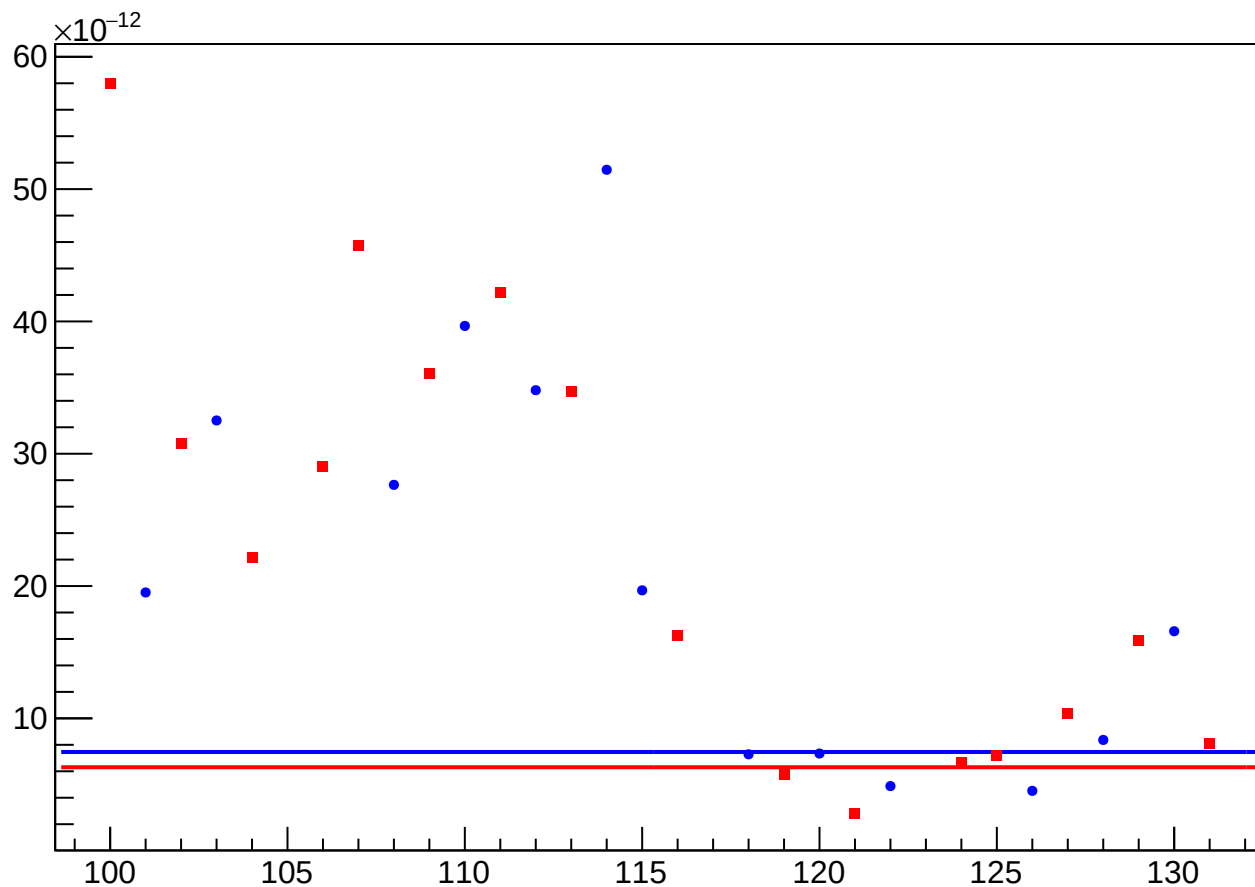
Right: -0.000 ± 0.000 χ^2/NDF : 26.0/28

In: -0.000 ± 0.000 χ^2/NDF : 9.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 26.0/28

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2004089.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2774976.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

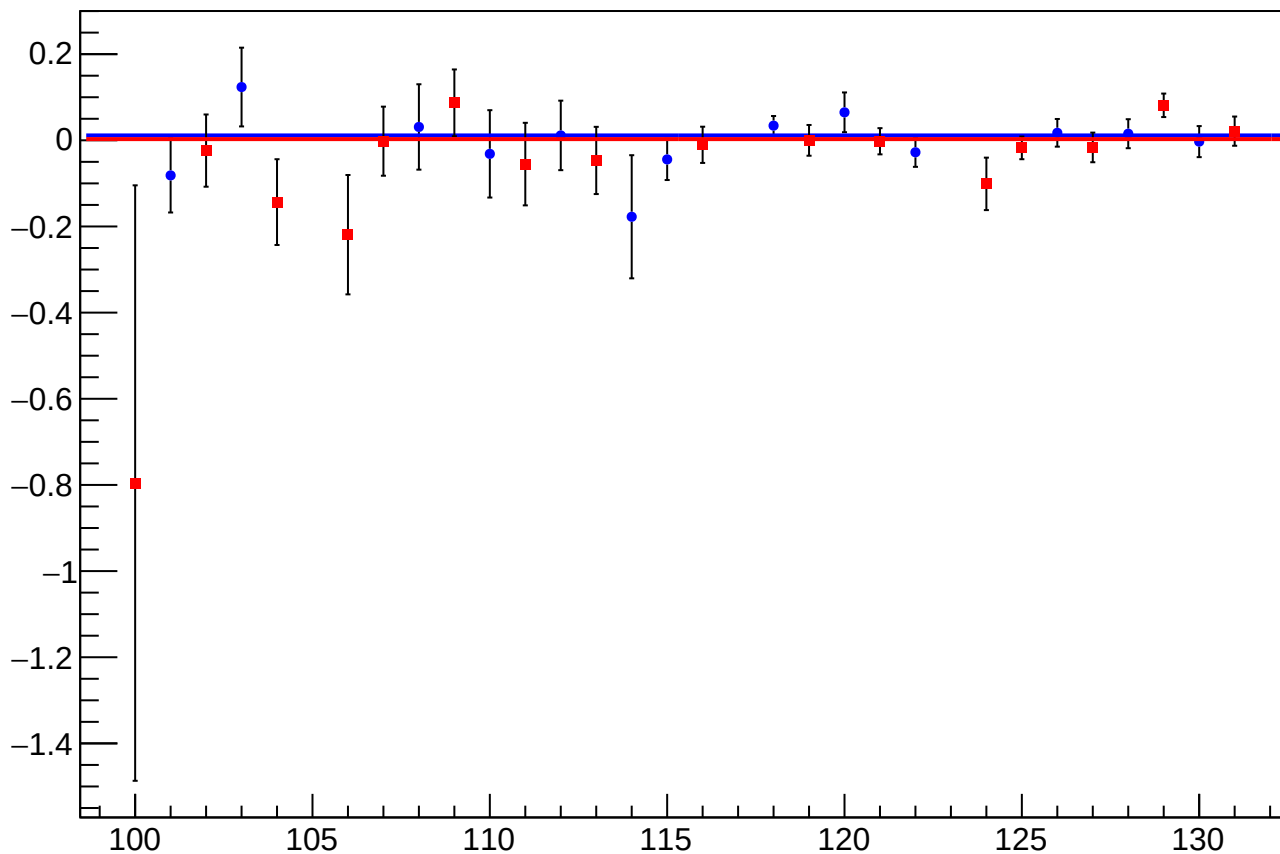
Right: 0.000+/-0.000 χ^2/NDF : 4822797.5/28

In: 0.000+/-0.000 χ^2/NDF : 2004089.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4822797.5/28

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

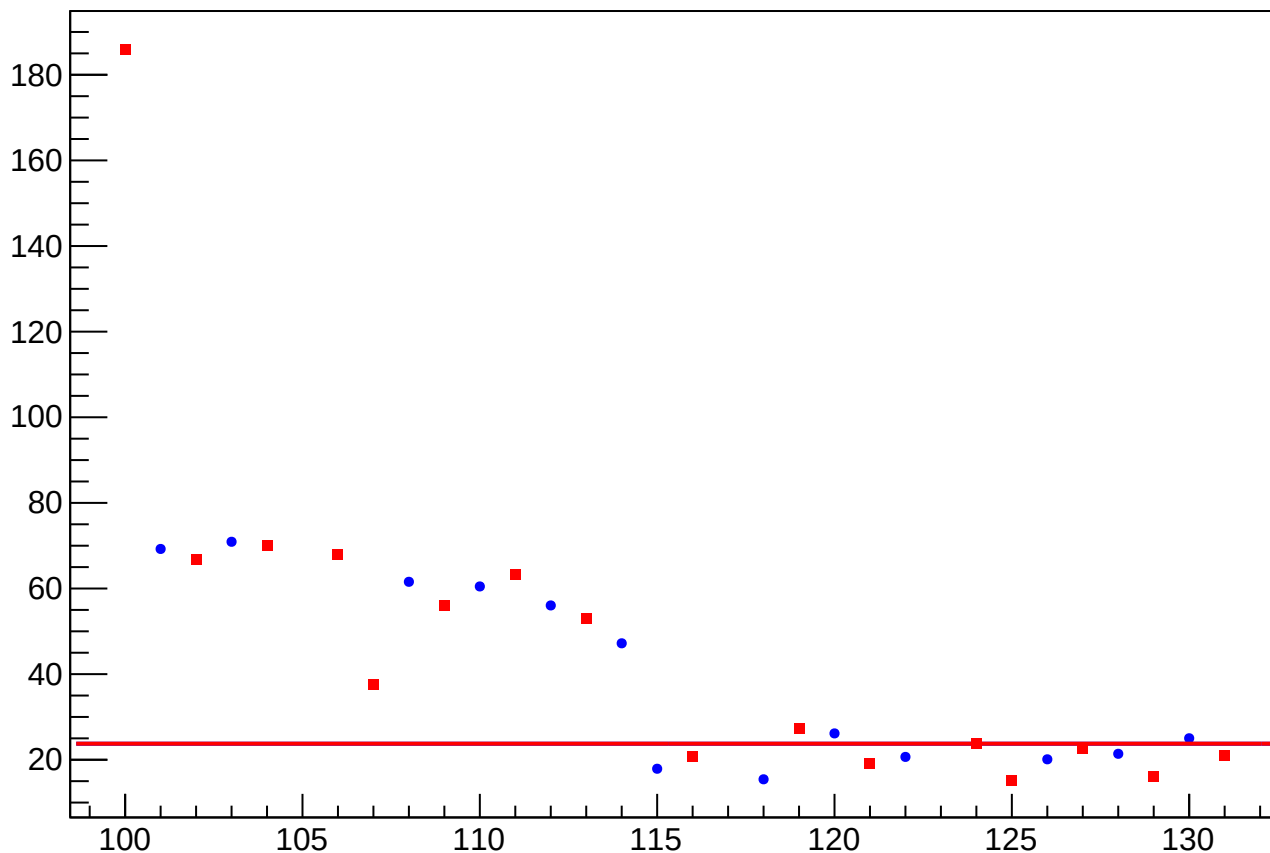
Right: 0.007+/-0.008 χ^2/NDF : 30.8/28

In: 0.011+/-0.012 χ^2/NDF :9.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.008 χ^2/NDF : 30.8/28

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.759+/-0.008 χ^2/NDF : 2762442.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

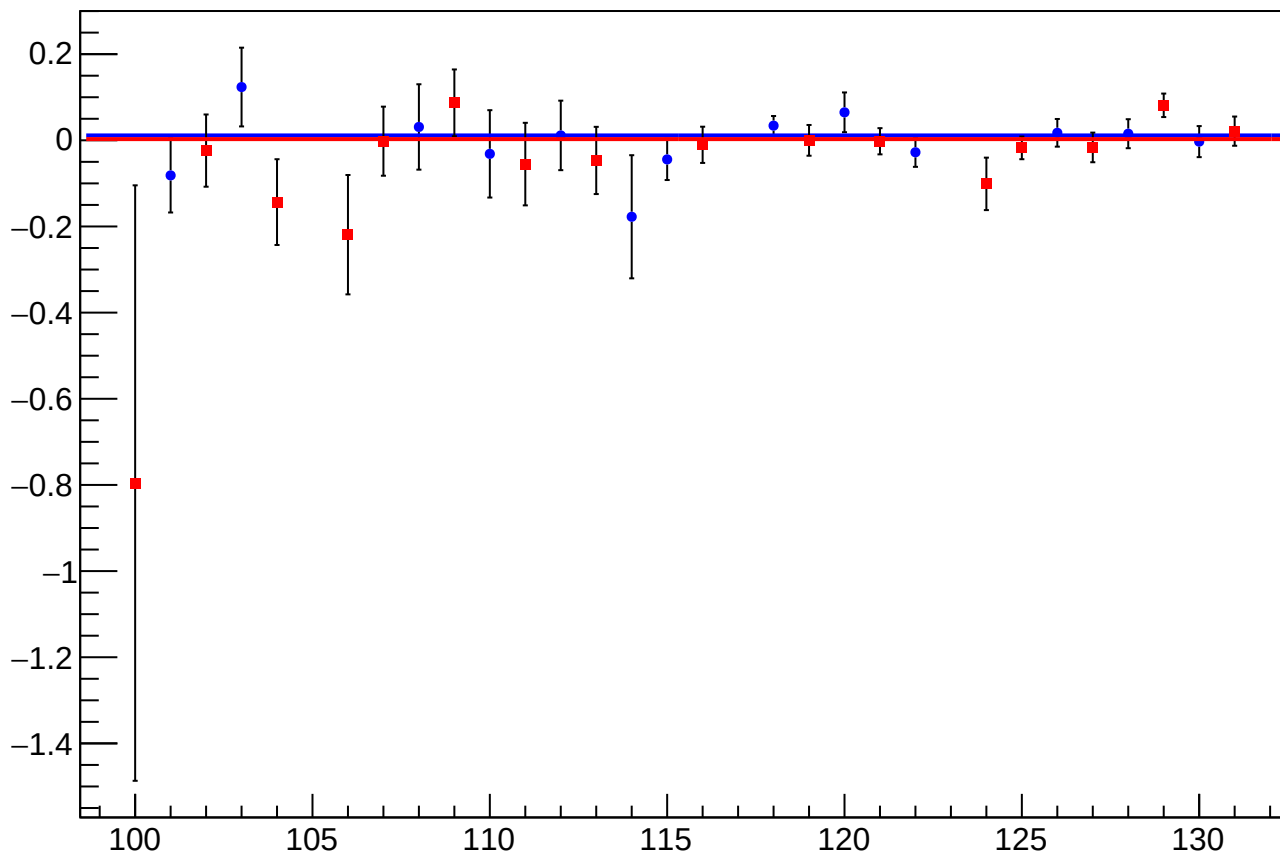
Right: 23.750+/-0.006 χ^2/NDF : 5147379.9/28

In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.750+/-0.006 χ^2/NDF : 5147379.9/28

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

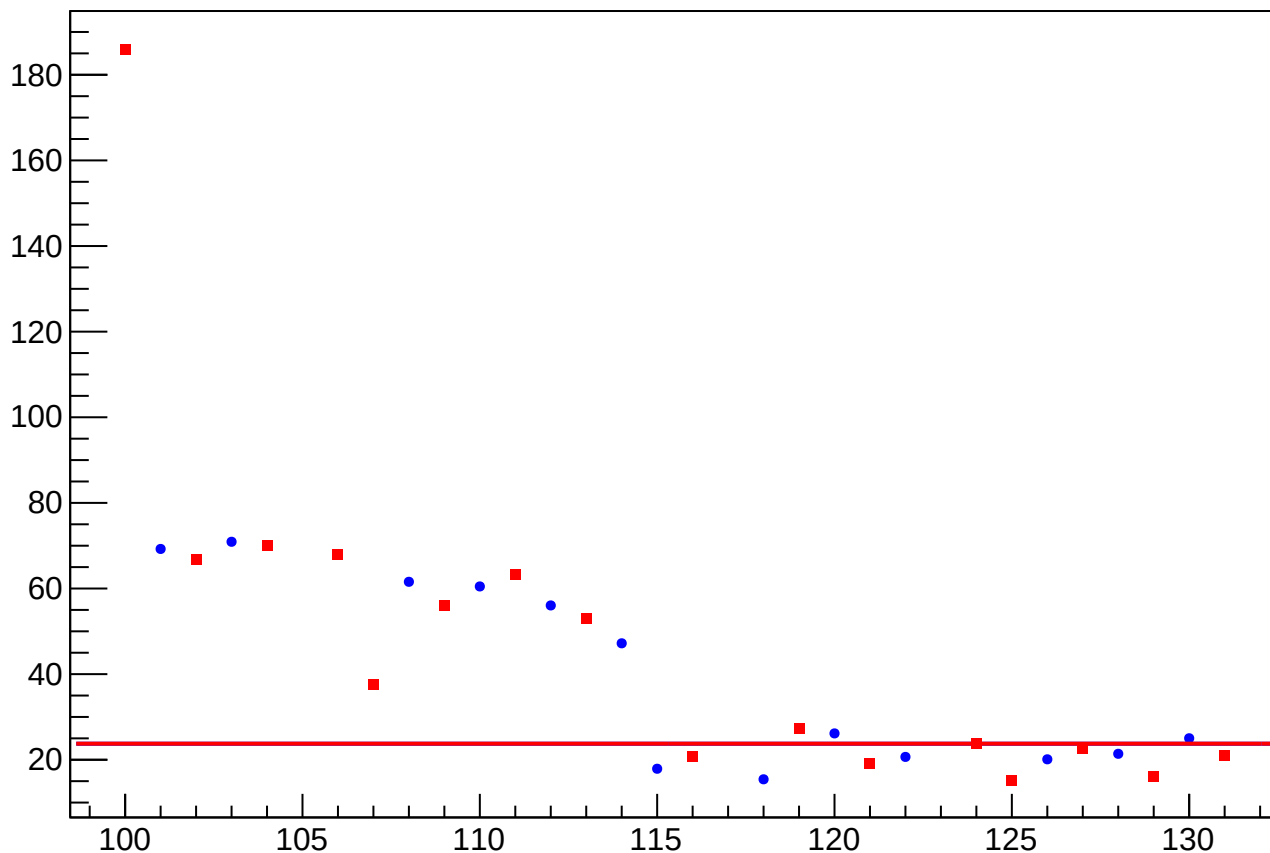
Right: 0.007+/-0.008 χ^2/NDF : 30.8/28

In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.008 χ^2/NDF : 30.8/28

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.759+/-0.008 χ^2/NDF : 2762442.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

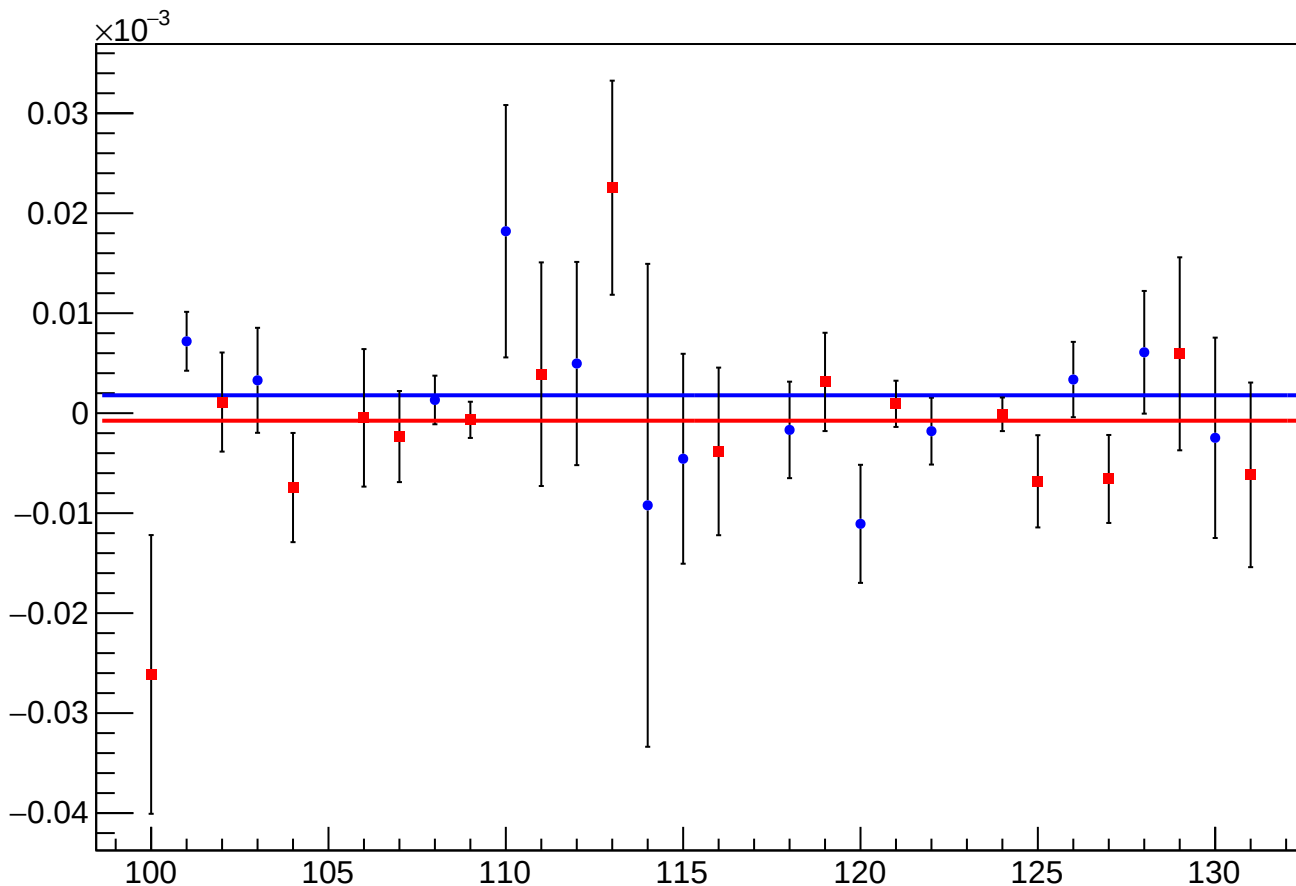
Right: 23.750+/-0.006 χ^2/NDF : 5147379.9/28

In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.750+/-0.006 χ^2/NDF : 5147379.9/28

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

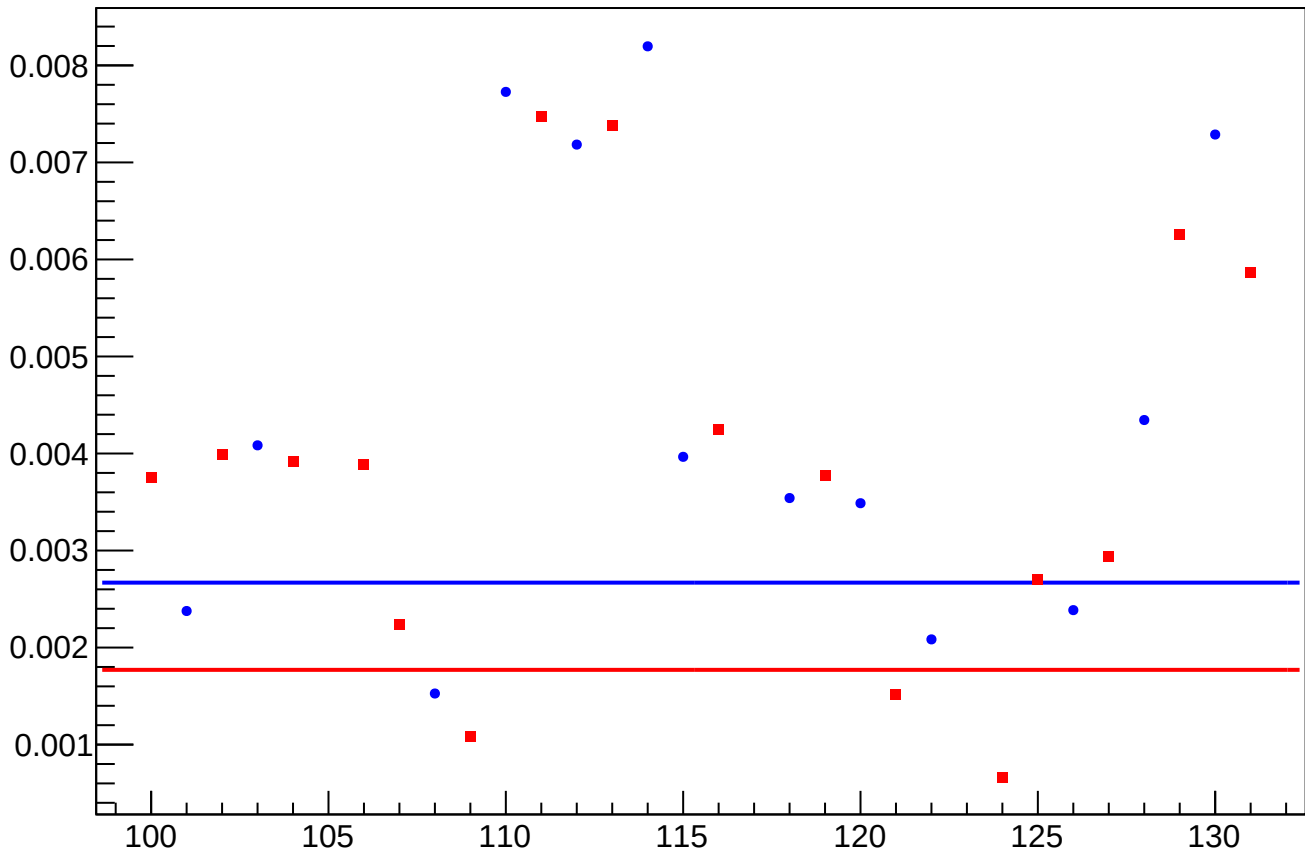
Right: 0.000+/-0.000 χ^2/NDF : 31.4/28

In: 0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.4/28

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2208241.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4775693.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

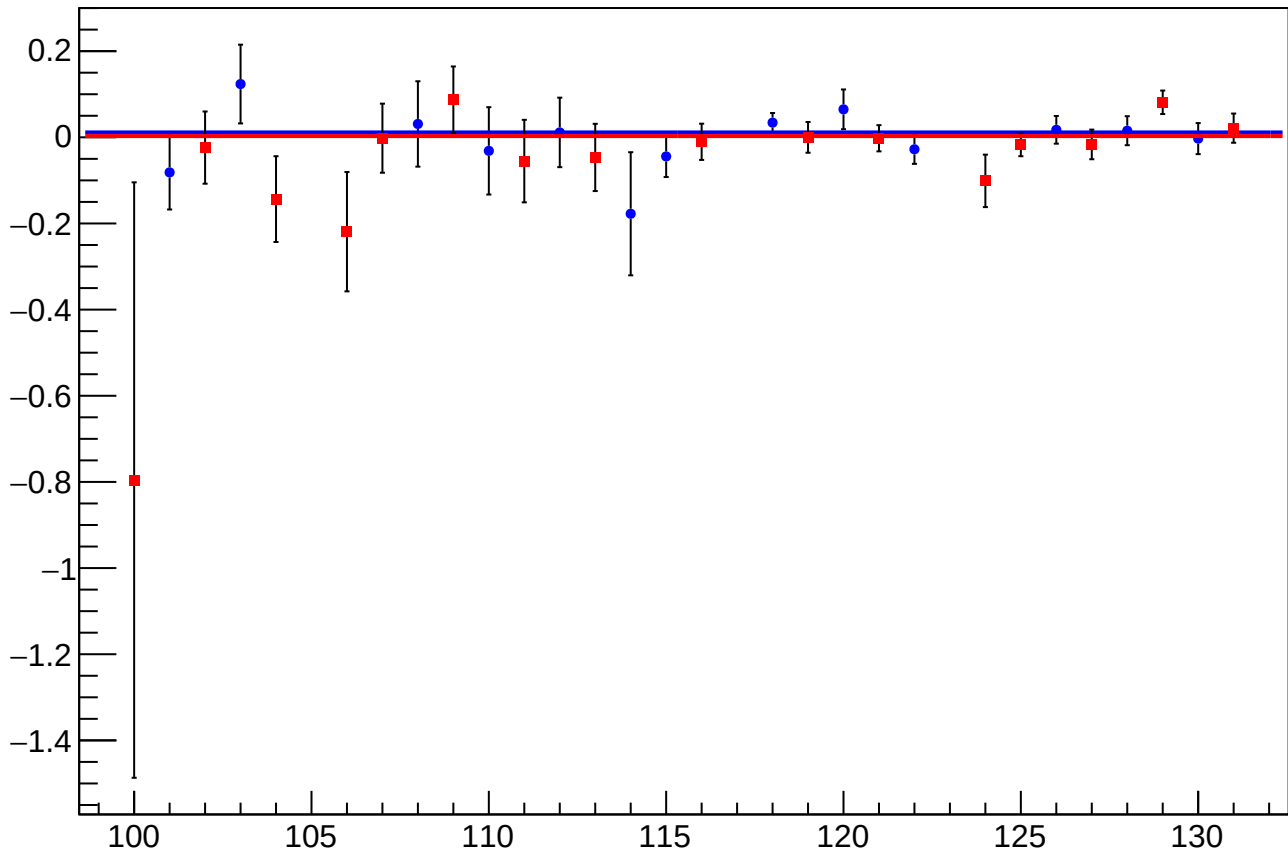
Right: 0.002+/-0.000 χ^2/NDF : 7639426.6/28

In: 0.003+/-0.000 χ^2/NDF :2208241.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7639426.6/28

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.012 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

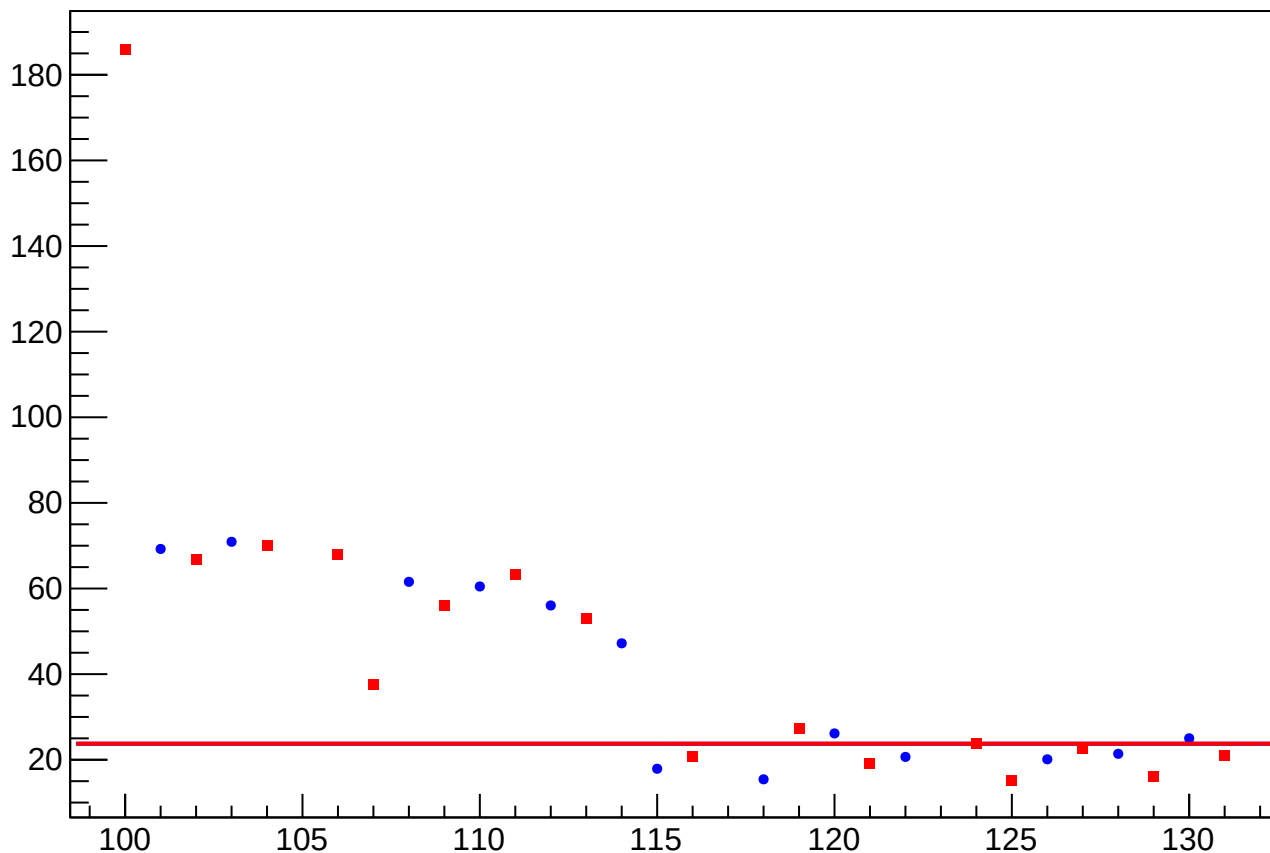
Right: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/28

In: 0.011 $\pm$ 0.012 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/28

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.758+/-0.008 χ^2/NDF : 2762388.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

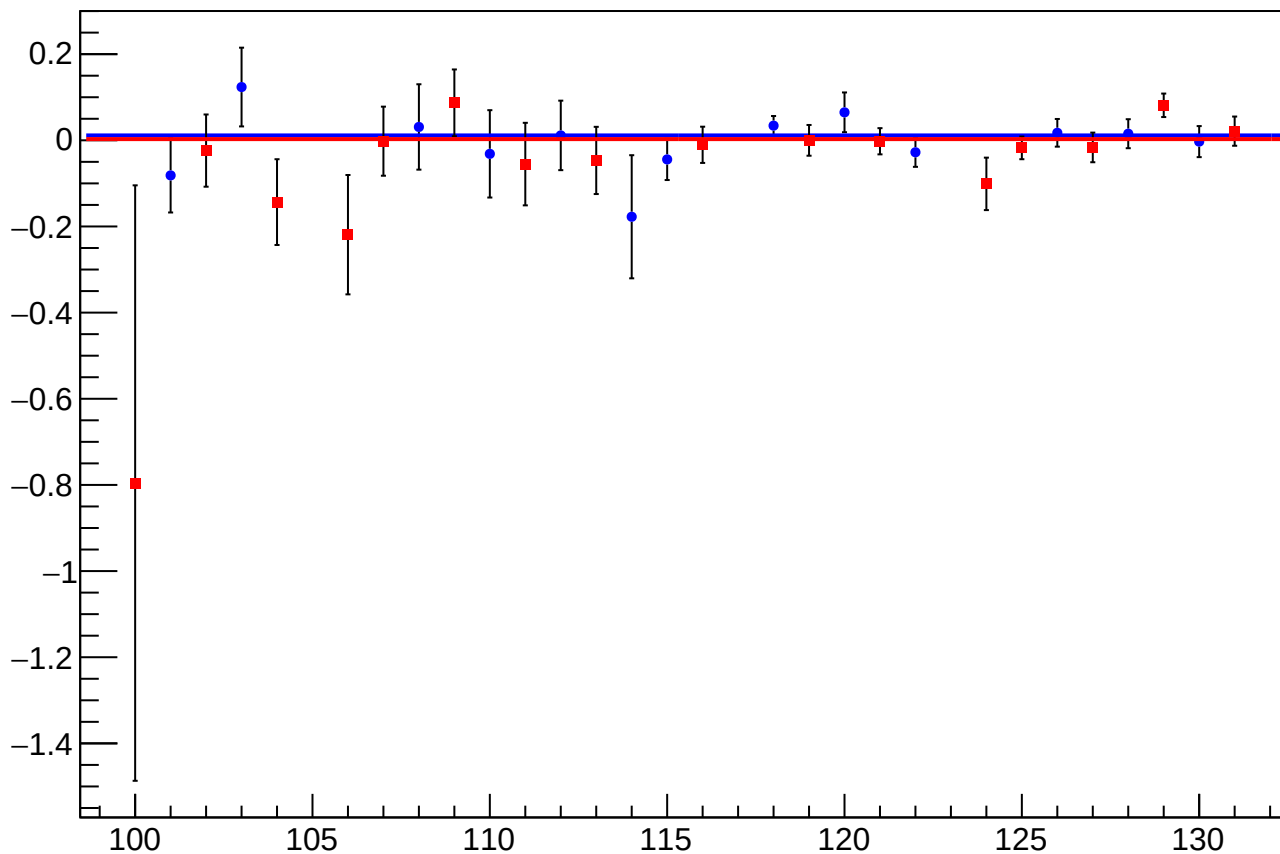
Right: 23.749+/-0.006 χ^2/NDF : 5147325.6/28

In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.749+/-0.006 χ^2/NDF : 5147325.6/28

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

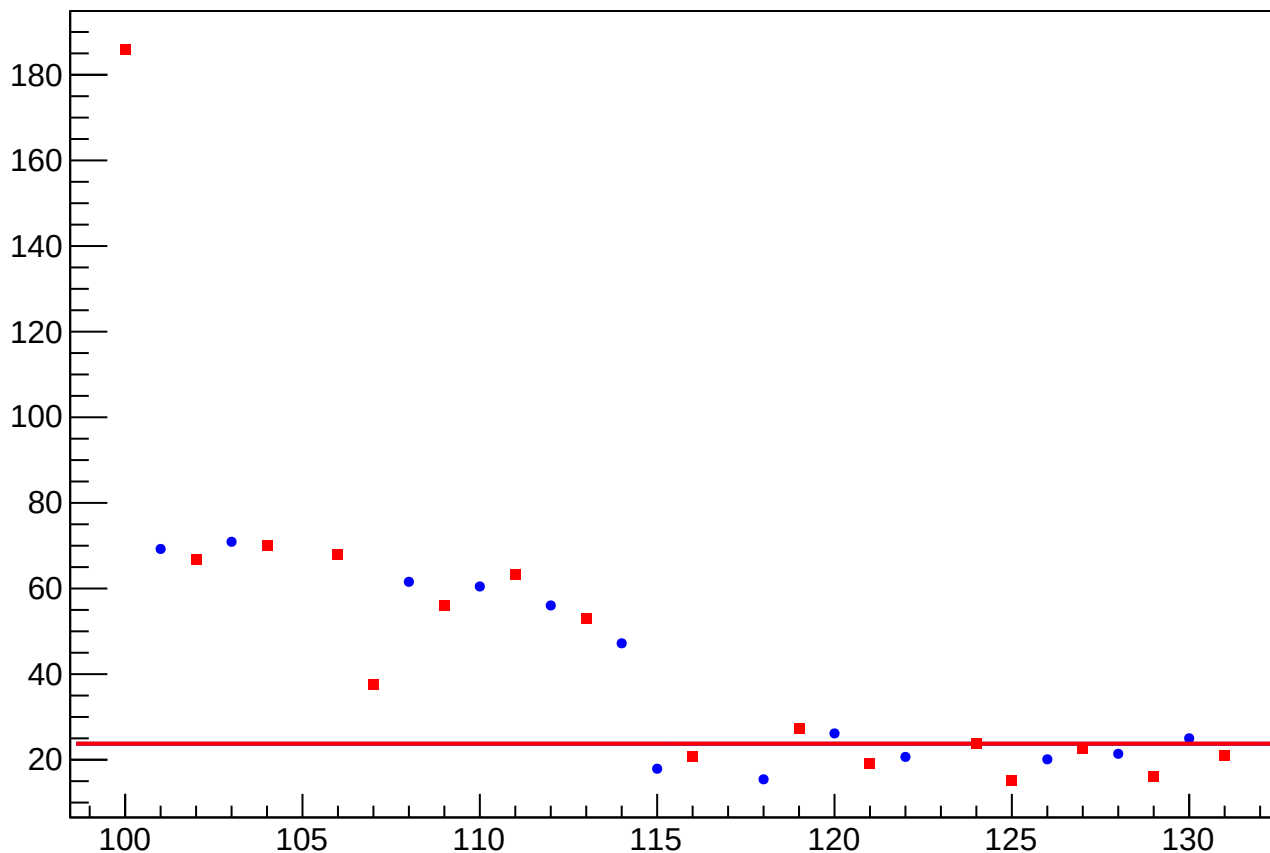
Right: 0.007+/-0.008 χ^2/NDF : 30.8/28

In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.008 χ^2/NDF : 30.8/28

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.758+/-0.008 χ^2/NDF : 2762388.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

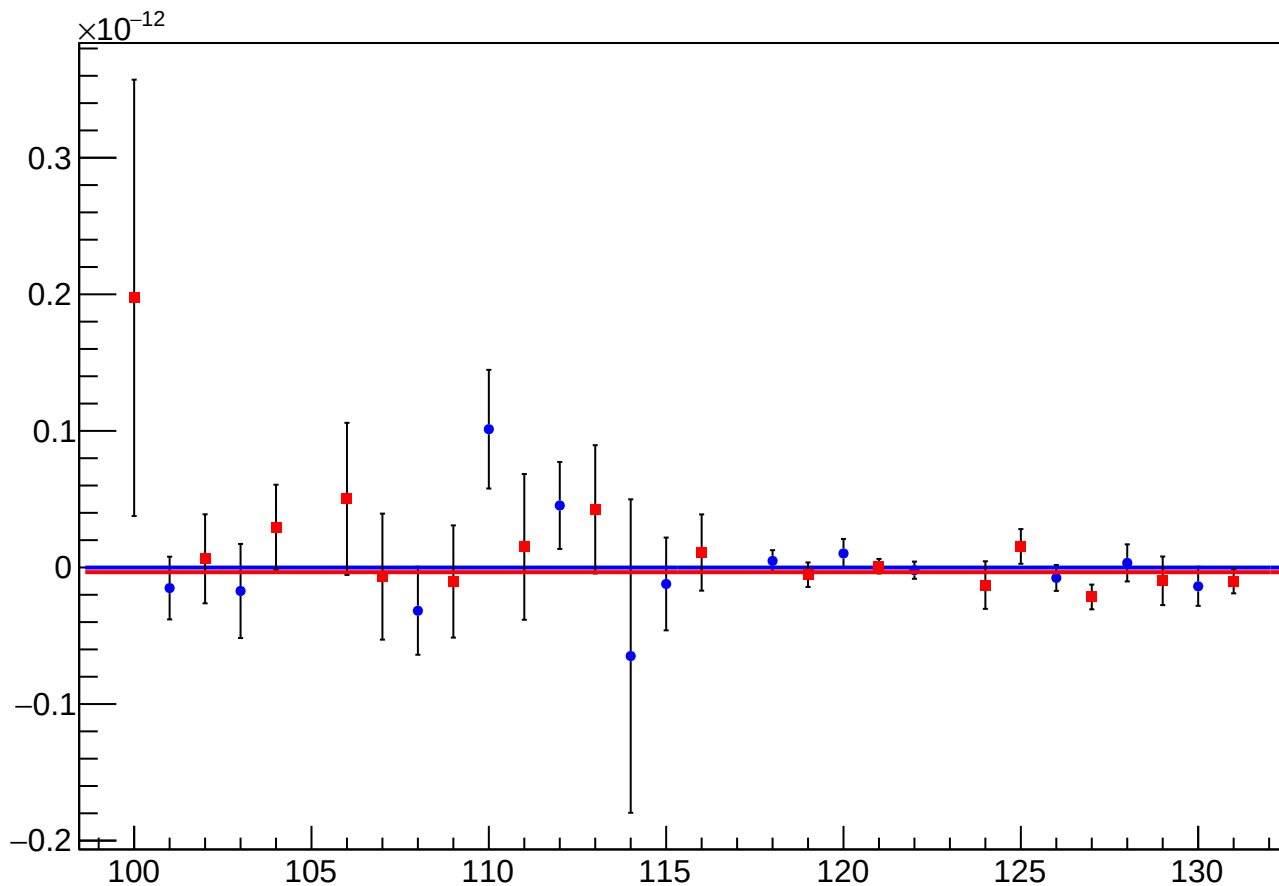
Right: 23.749+/-0.006 χ^2/NDF : 5147325.6/28

In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.749+/-0.006 χ^2/NDF : 5147325.6/28

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

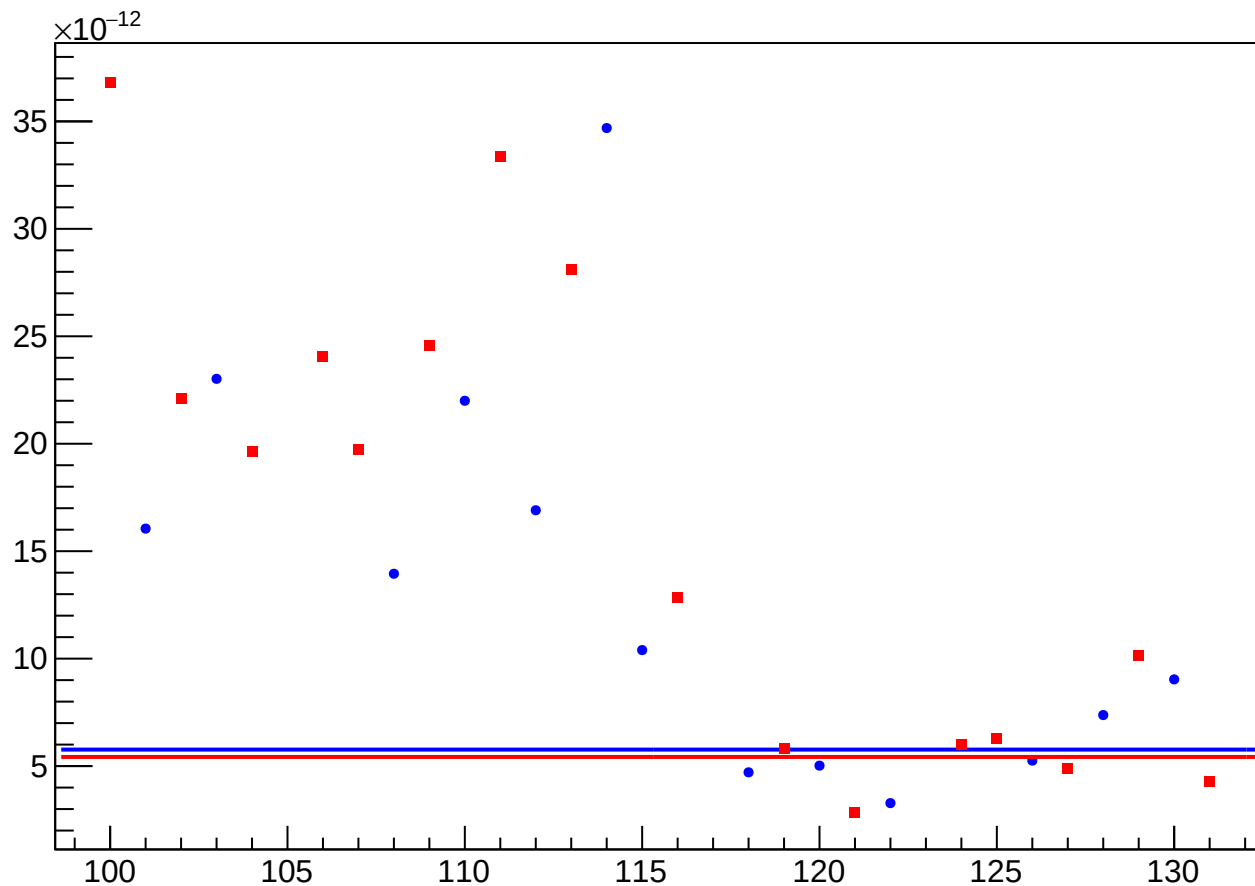
Right: -0.000+/-0.000 χ^2/NDF : 26.1/28

In: -0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/28

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2218072.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3697230.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

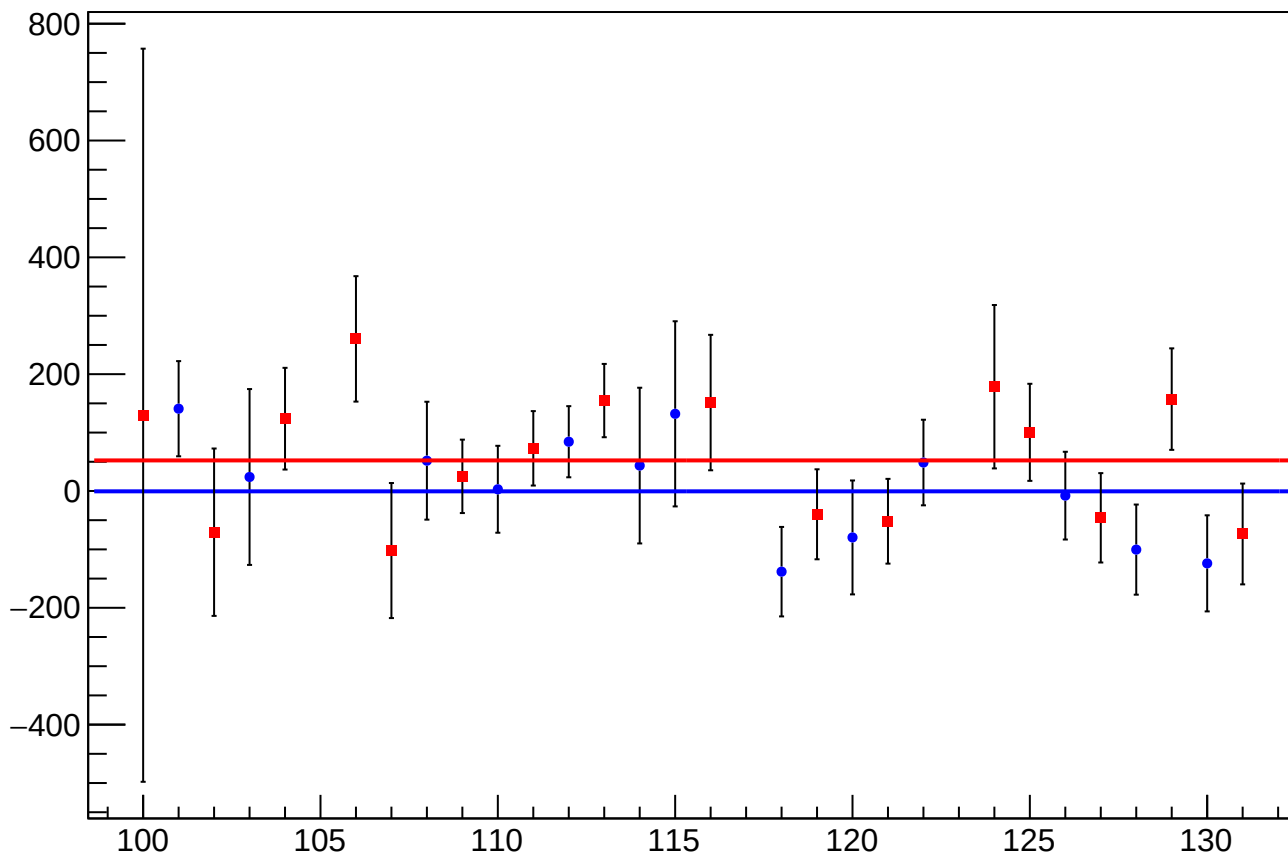
Right: 0.000+/-0.000 χ^2/NDF : 5925115.8/28

In: 0.000+/-0.000 χ^2/NDF : 2218072.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5925115.8/28

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.599 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.327 ± 21.494 $\chi^2/\text{NDF}: 20.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

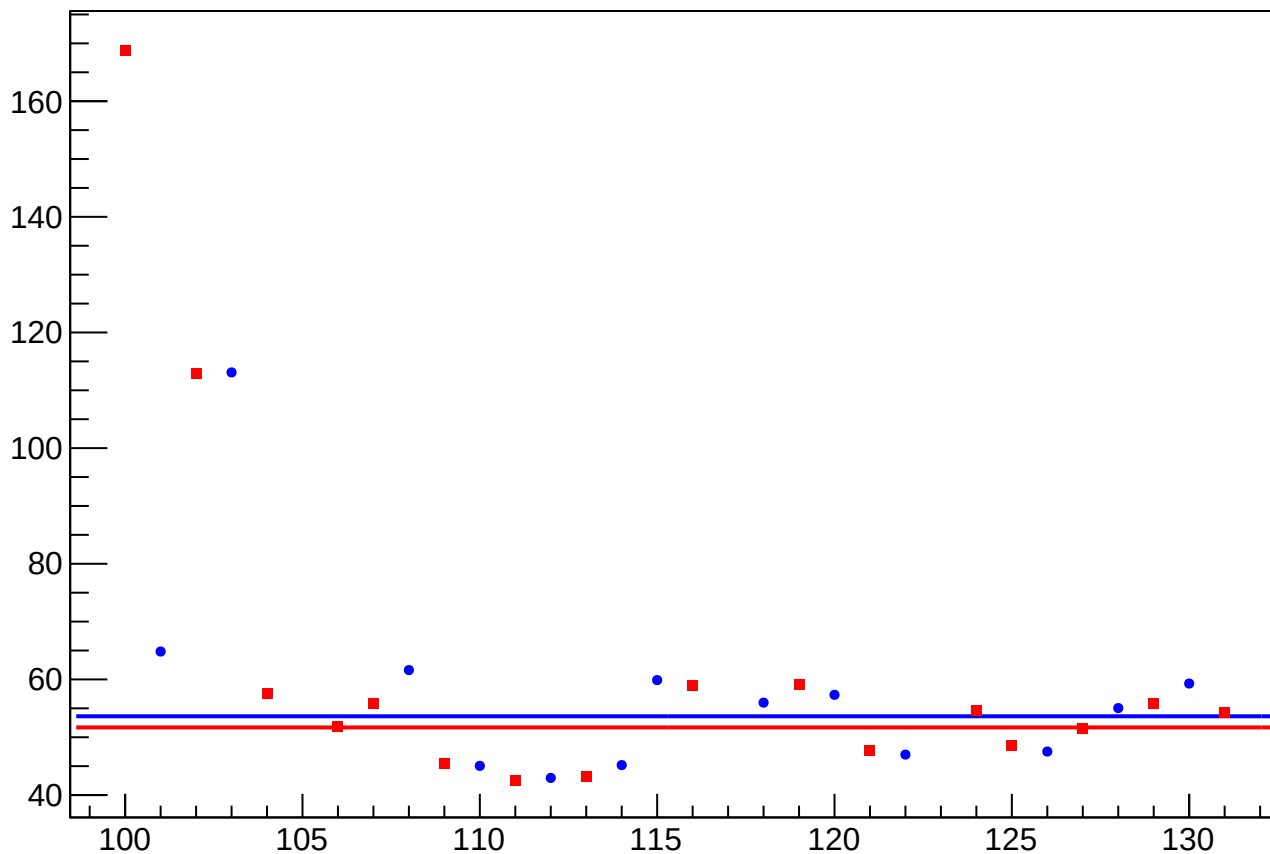
Right: 28.340 ± 15.894 $\chi^2/\text{NDF}: 37.6/28$

In: -0.599 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 28.340 ± 15.894 $\chi^2/\text{NDF}: 37.6/28$

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.625+/-0.017 χ^2/NDF : 505878.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.697+/-0.015 χ^2/NDF : 587326.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

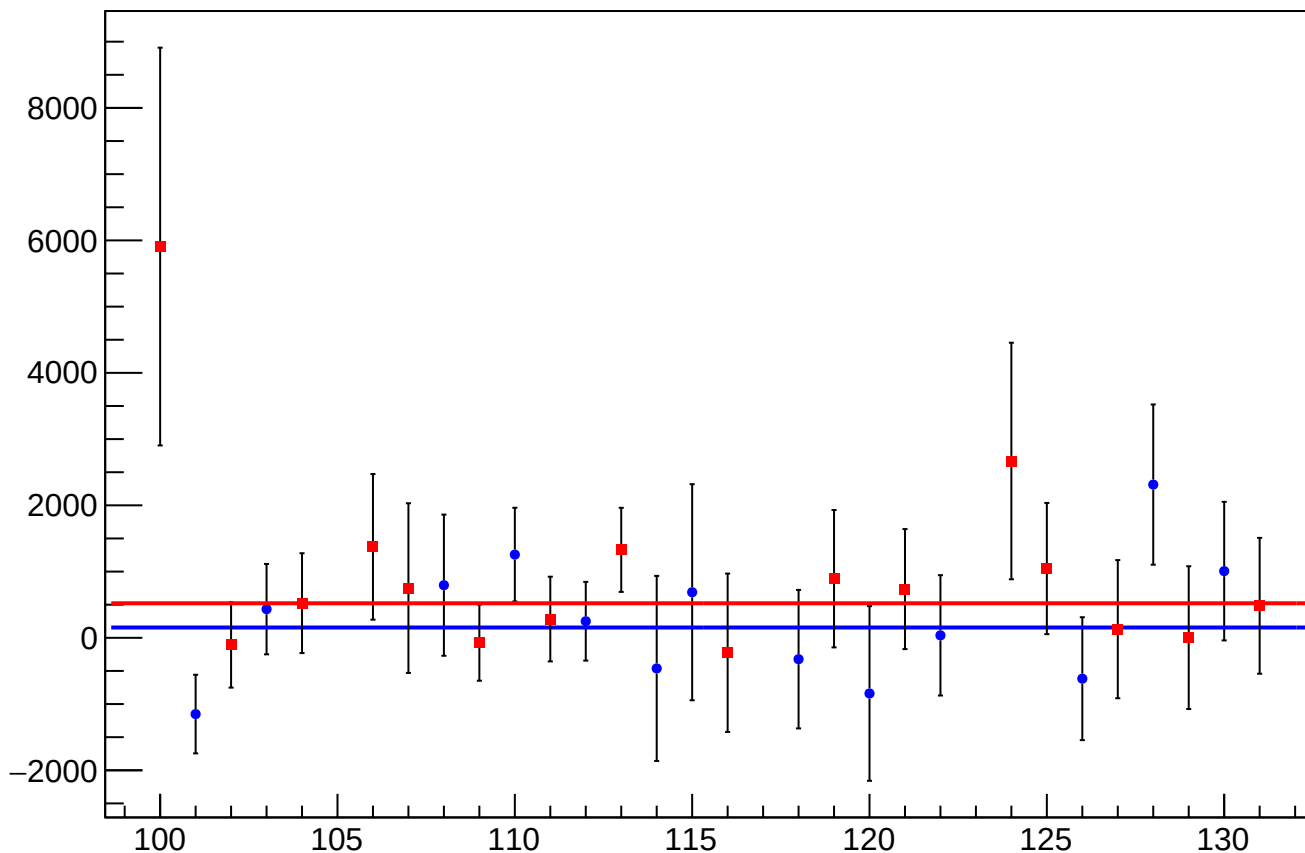
Right: 52.571+/-0.011 χ^2/NDF : 1100496.7/28

In: 53.625+/-0.017 χ^2/NDF : 505878.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.571+/-0.011 χ^2/NDF : 1100496.7/28

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 155.670 $\pm$ 242.179 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.481 $\pm$ 220.433 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

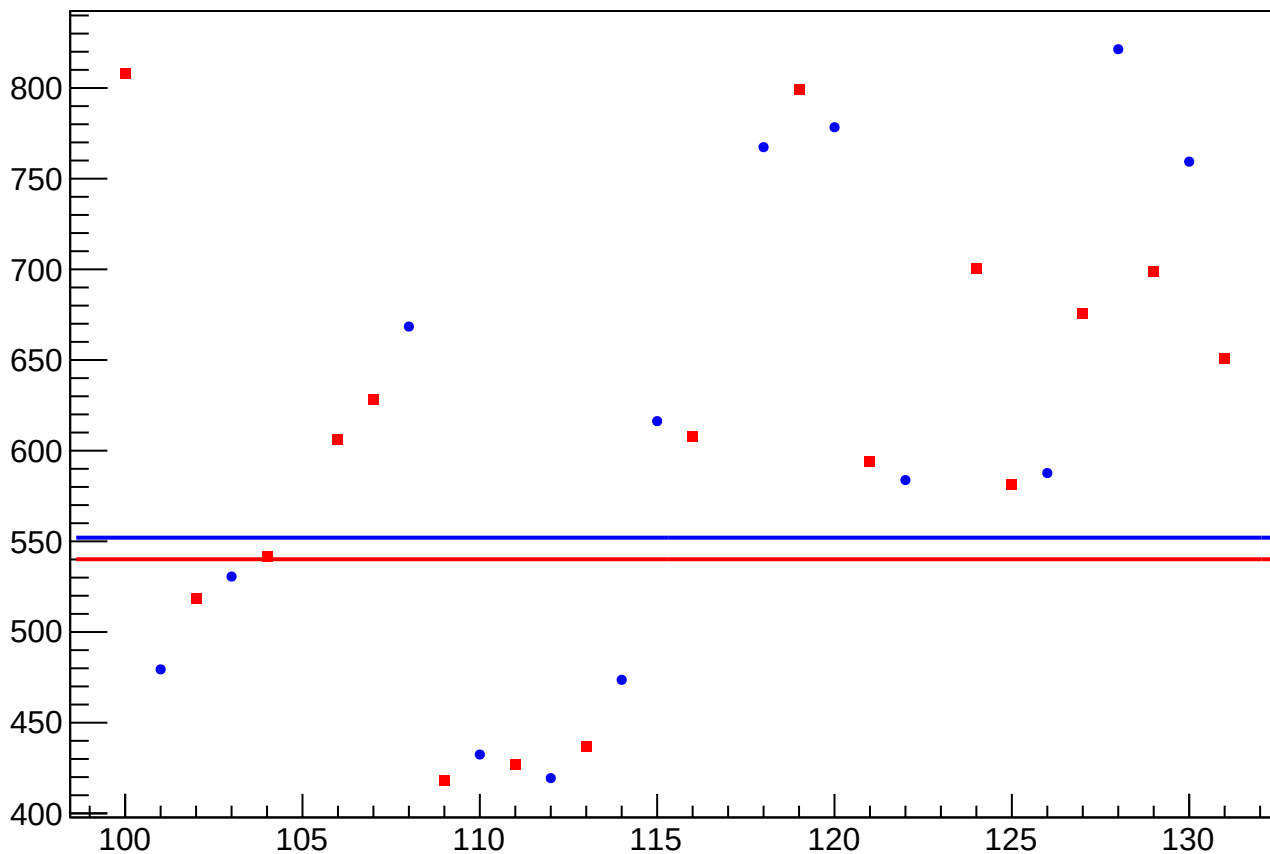
Right: 355.733 $\pm$ 163.017 χ^2 /NDF: 25.0/28

In: 155.670 $\pm$ 242.179 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 355.733 $\pm$ 163.017 χ^2 /NDF: 25.0/28

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.036+/-0.171 χ^2/NDF : 548903.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.140+/-0.156 χ^2/NDF : 498407.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

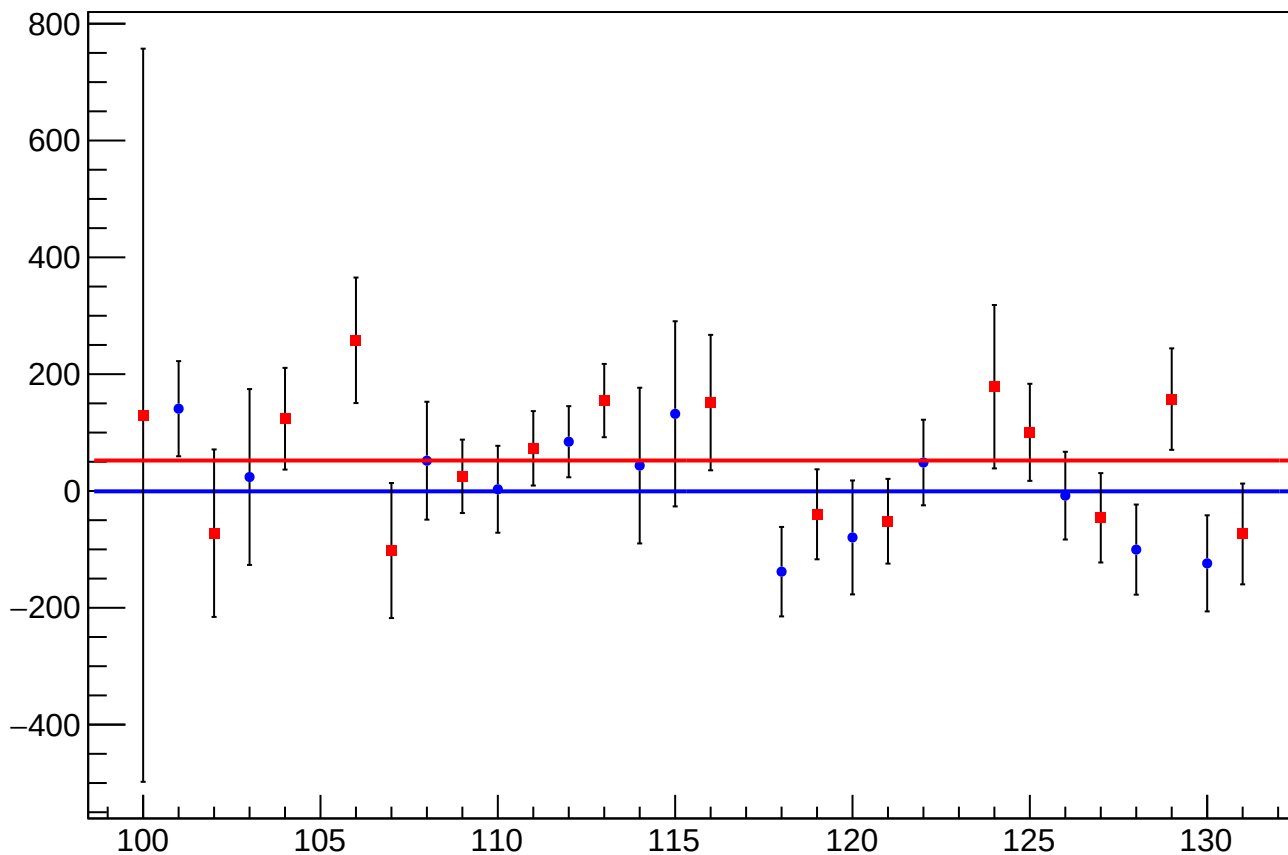
Right: 545.531+/-0.115 χ^2/NDF : 1049949.9/28

In: 552.036+/-0.171 χ^2/NDF : 548903.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.531+/-0.115 χ^2/NDF : 1049949.9/28

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.604 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.186 ± 21.495 $\chi^2/\text{NDF}: 20.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

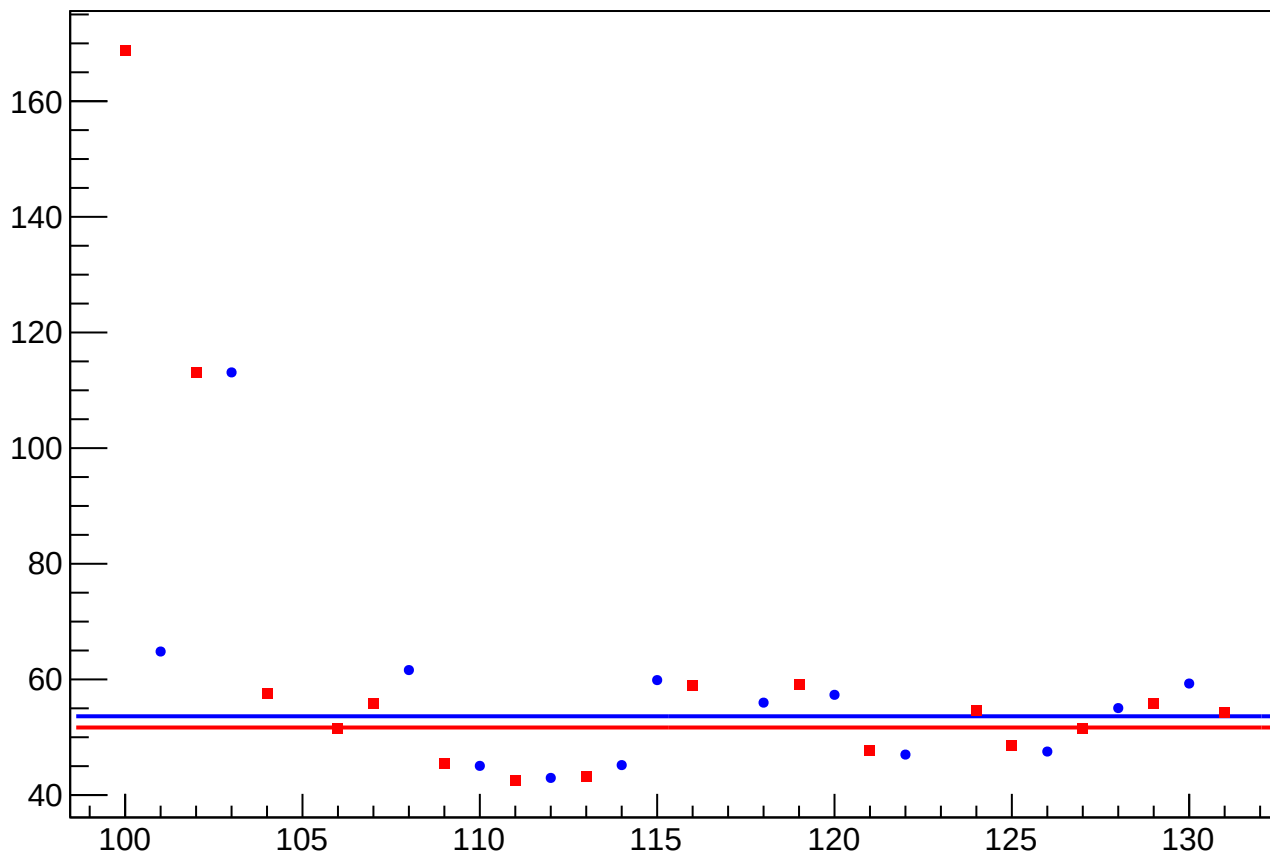
Right: 28.260 ± 15.894 $\chi^2/\text{NDF}: 37.5/28$

In: -0.604 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 28.260 ± 15.894 $\chi^2/\text{NDF}: 37.5/28$

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.685+/-0.015 χ^2/NDF : 587562.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

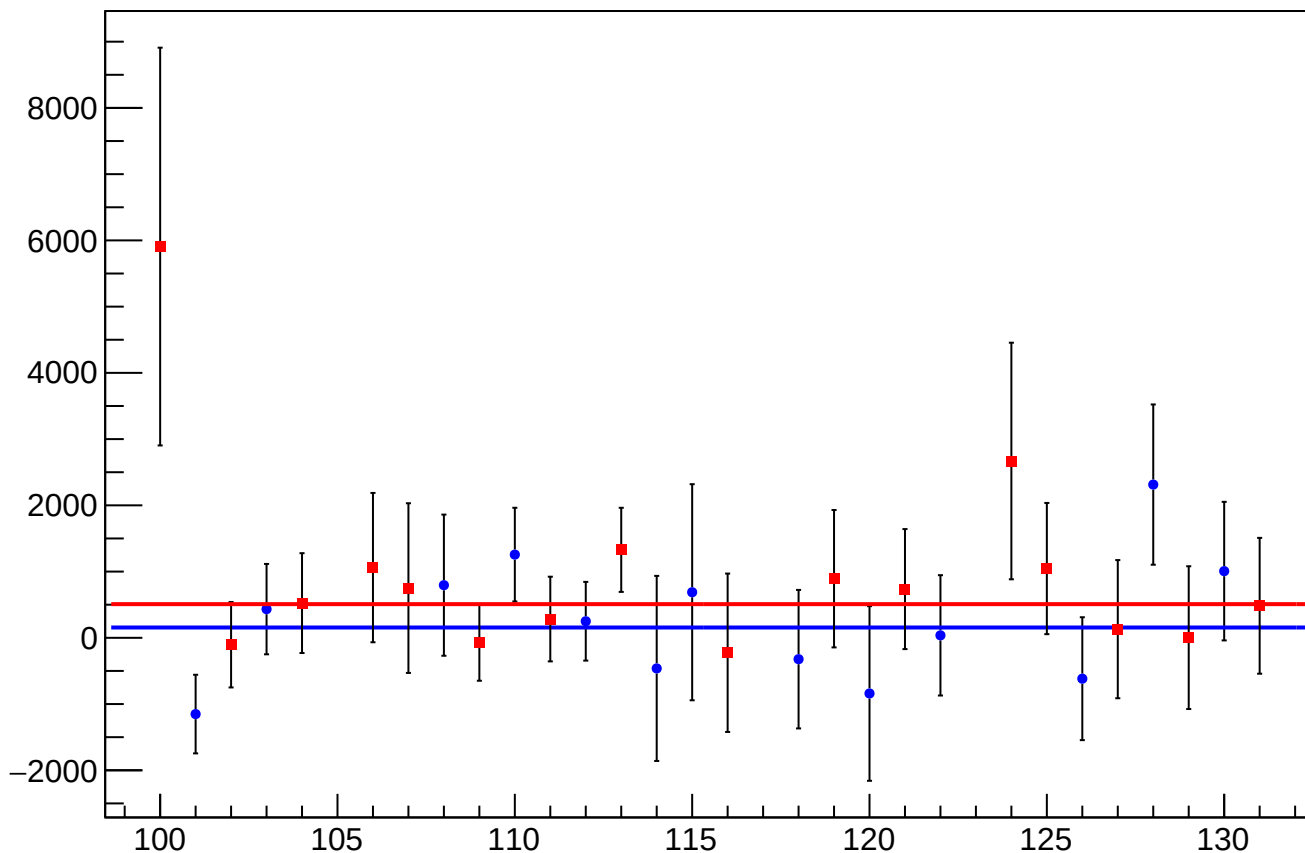
Right: 52.564+/-0.011 χ^2/NDF : 1100828.0/28

In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.564+/-0.011 χ^2/NDF : 1100828.0/28

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 155.708+/-242.182 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.345+/-220.677 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

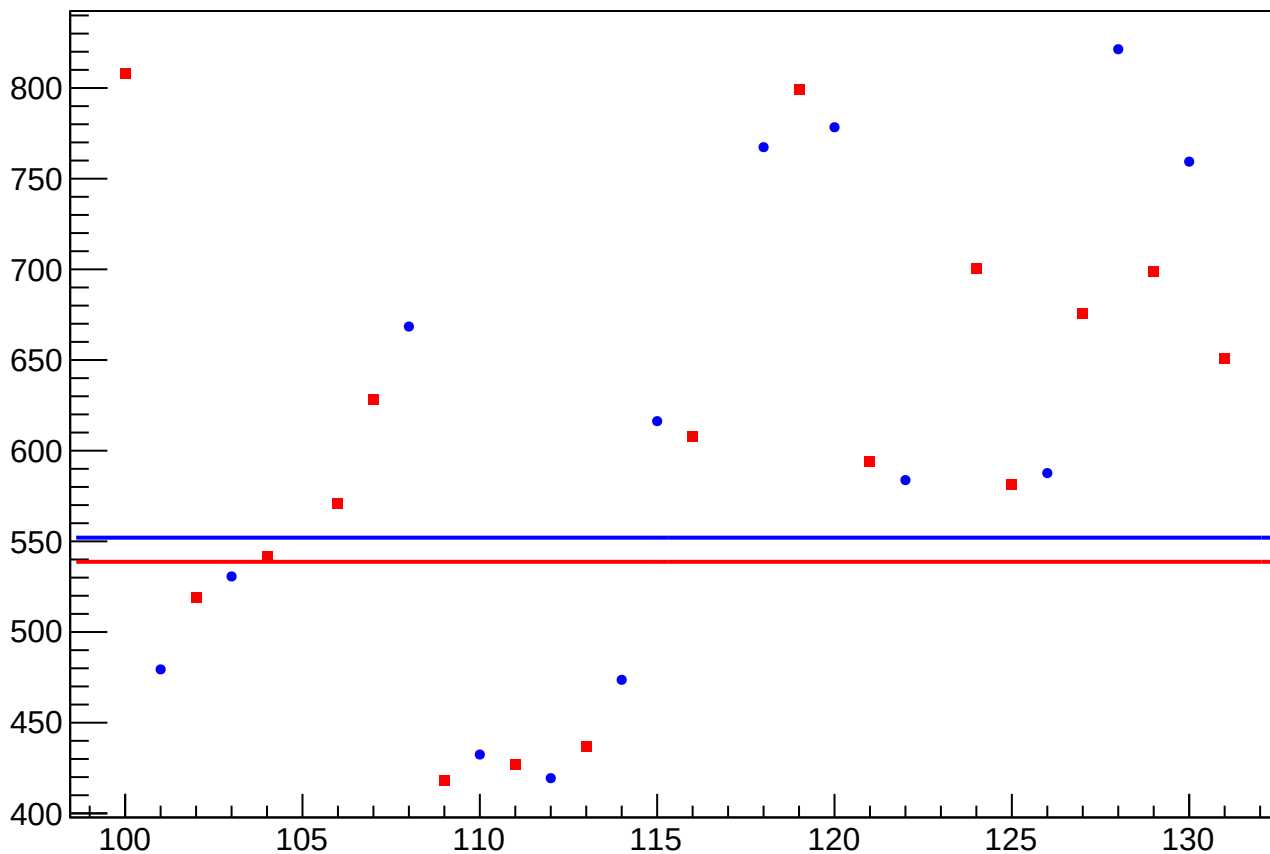
Right: 348.375+/-163.116 χ^2/NDF : 24.5/28

In: 155.708+/-242.182 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.375+/-163.116 χ^2/NDF : 24.5/28

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.712+/-0.156 χ^2/NDF : 492475.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

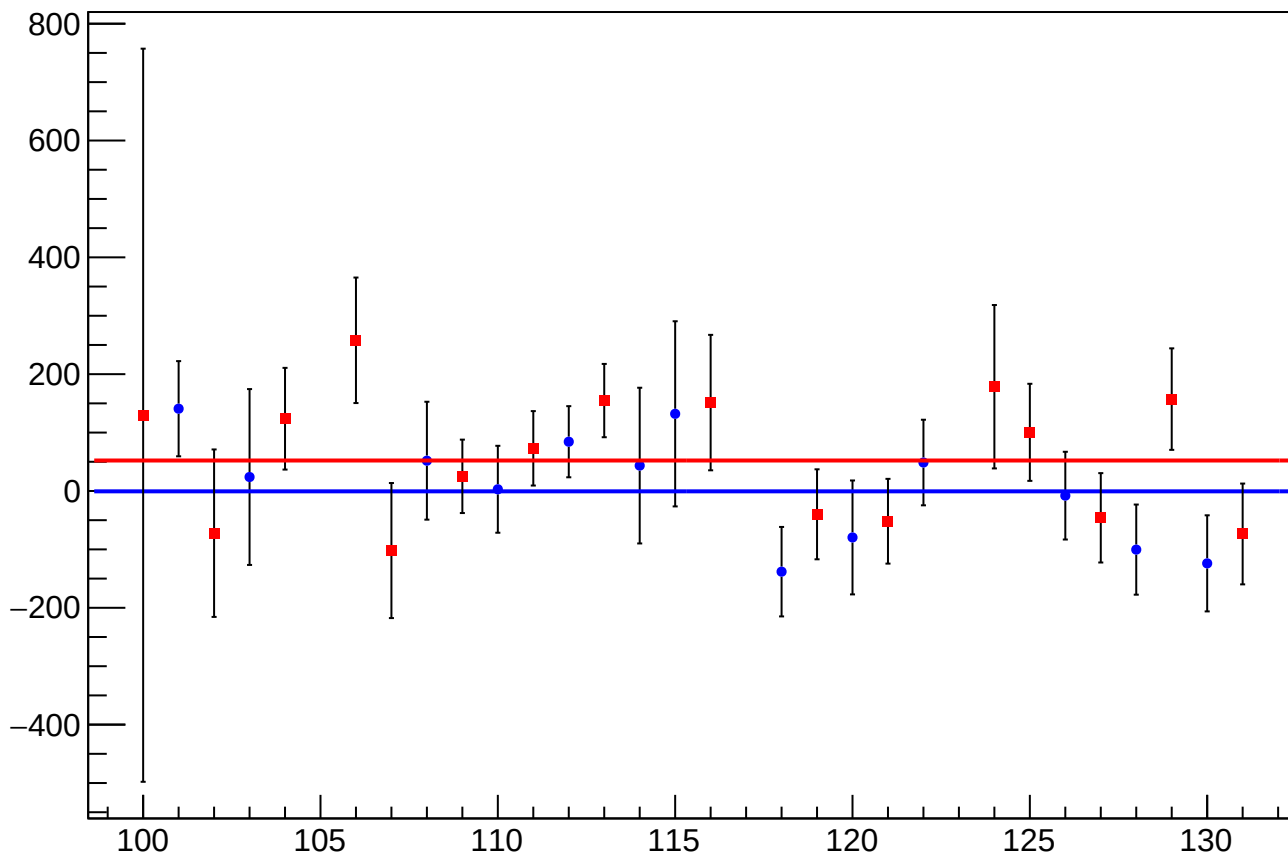
Right: 544.760+/-0.115 χ^2/NDF : 1044679.7/28

In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.760+/-0.115 χ^2/NDF : 1044679.7/28

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.604 $\pm$ 23.609 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.186 $\pm$ 21.495 χ^2 /NDF: 20.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

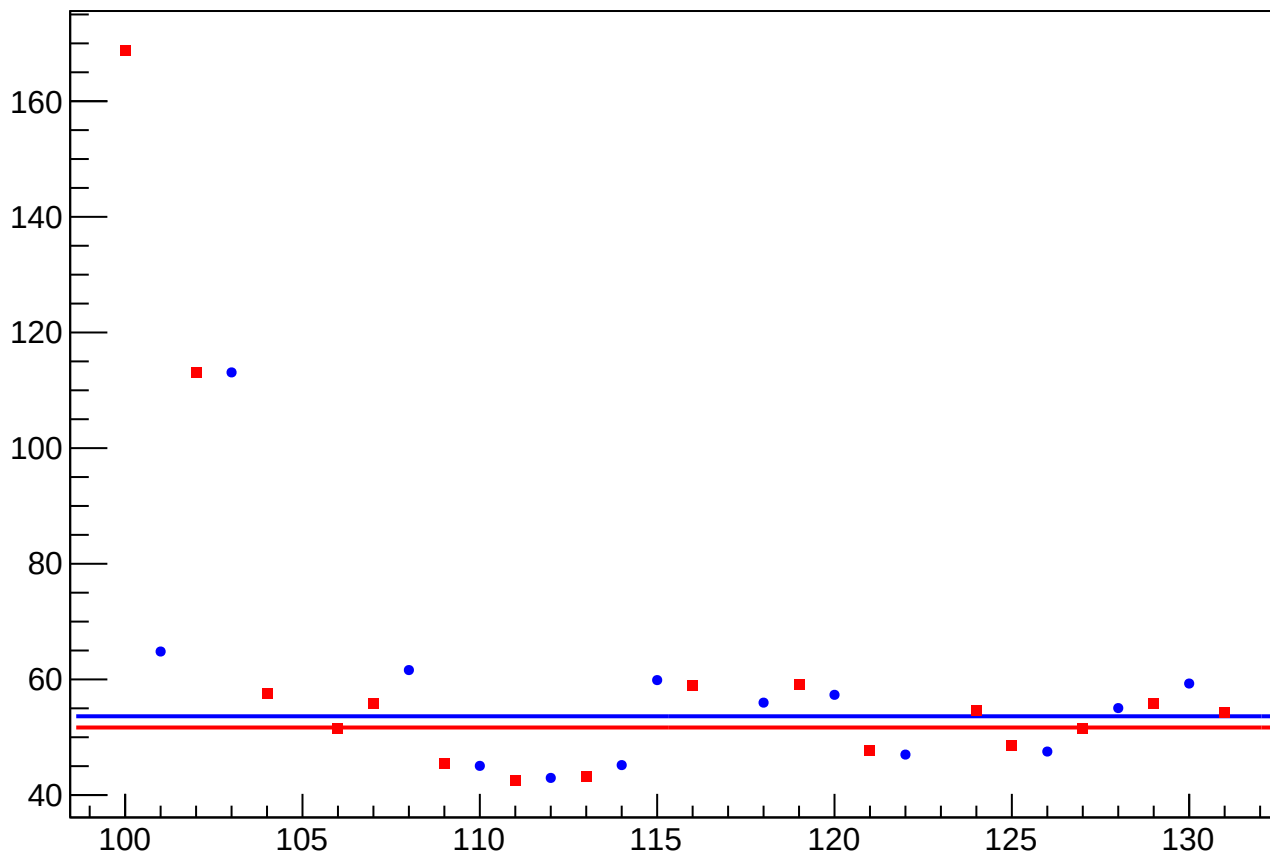
Right: 28.260 $\pm$ 15.894 χ^2 /NDF: 37.5/28

In: -0.604 $\pm$ 23.609 χ^2 /NDF:14.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.260 $\pm$ 15.894 χ^2 /NDF: 37.5/28

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.685+/-0.015 χ^2/NDF : 587562.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

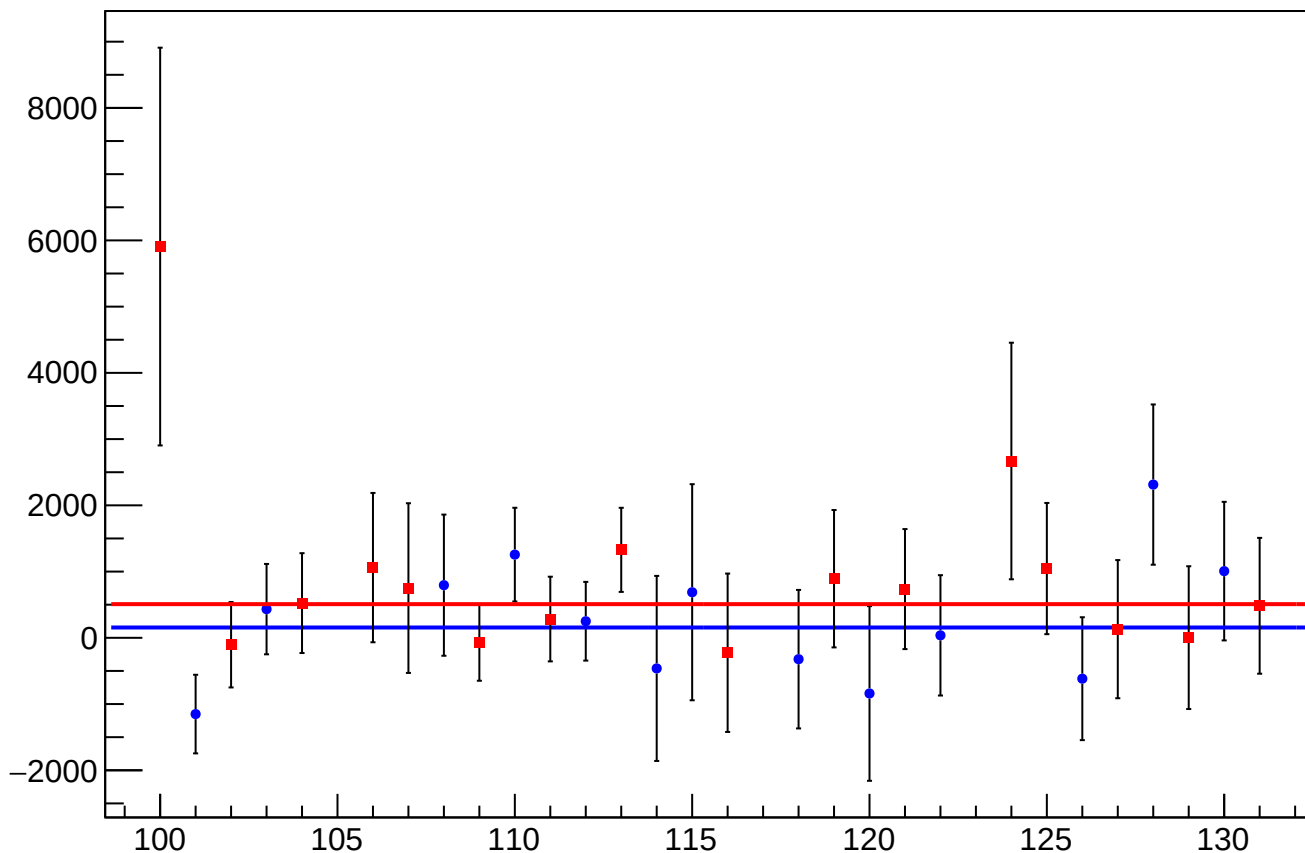
Right: 52.564+/-0.011 χ^2/NDF : 1100828.0/28

In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.564+/-0.011 χ^2/NDF : 1100828.0/28

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 155.708 $\pm$ 242.182 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 508.345 $\pm$ 220.677 χ^2 /NDF: 9.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

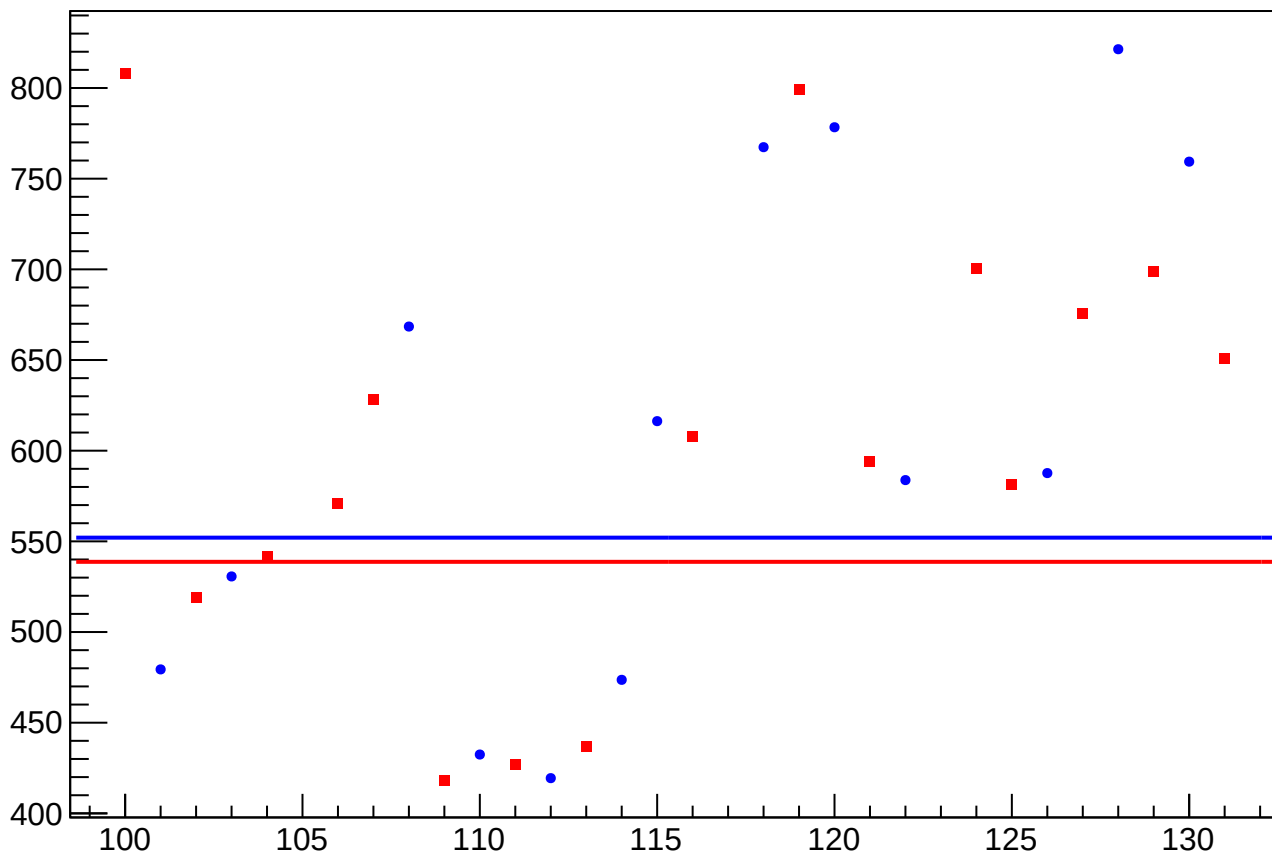
Right: 348.375 $\pm$ 163.116 χ^2 /NDF: 24.5/28

In: 155.708 $\pm$ 242.182 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 348.375 $\pm$ 163.116 χ^2 /NDF: 24.5/28

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 538.712+/-0.156 χ^2/NDF : 492475.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

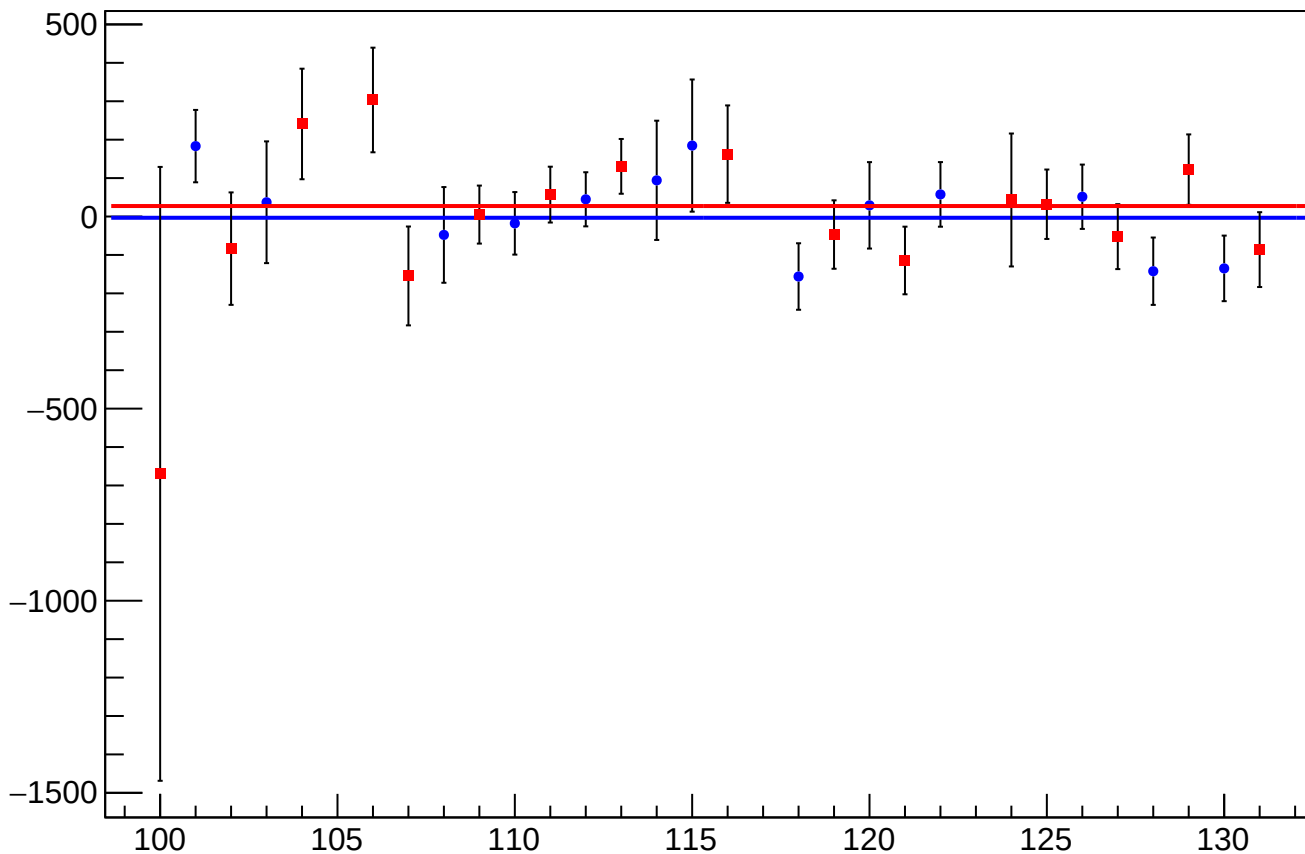
Right: 544.760+/-0.115 χ^2/NDF : 1044679.7/28

In: 552.044+/-0.171 χ^2/NDF :548892.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 544.760+/-0.115 χ^2/NDF : 1044679.7/28

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -3.240 ± 26.641 χ^2/NDF : 15.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 27.297 ± 24.919 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

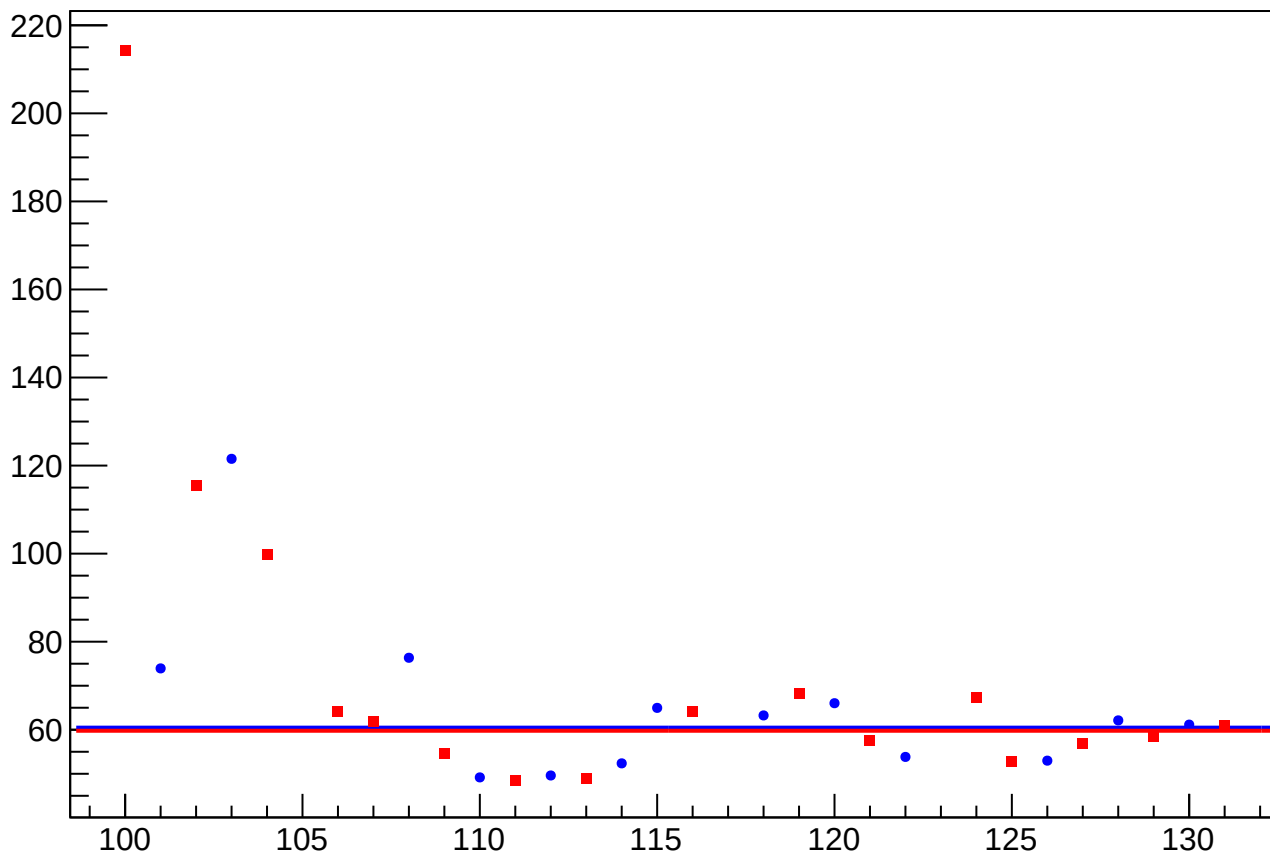
Right: 13.048 ± 18.199 χ^2/NDF : 35.7/28

In: -3.240 ± 26.641 χ^2/NDF : 15.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 13.048 ± 18.199 χ^2/NDF : 35.7/28

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.478+/-0.019 χ^2/NDF : 499530.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.774+/-0.018 χ^2/NDF : 667155.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

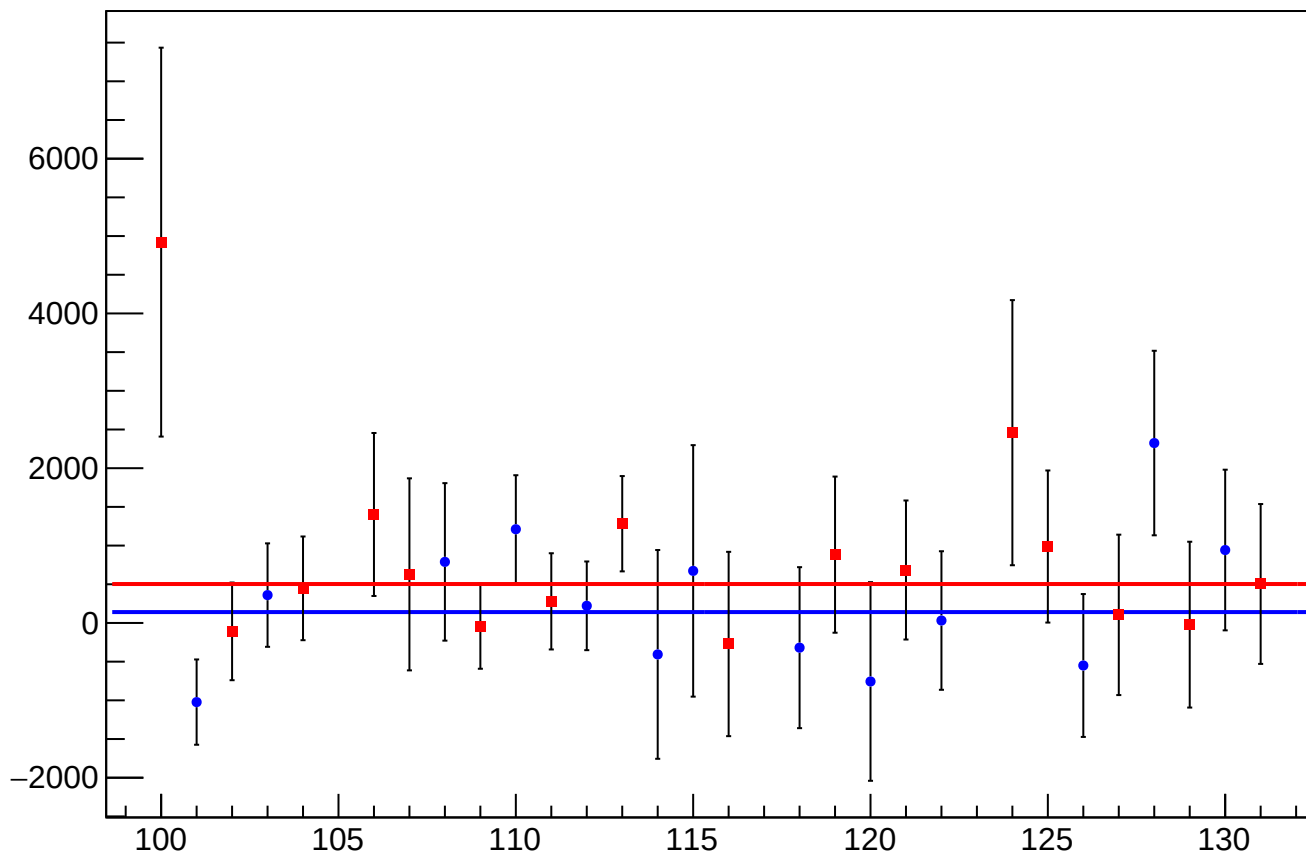
Right: 60.102+/-0.013 χ^2/NDF : 1167430.5/28

In: 60.478+/-0.019 χ^2/NDF : 499530.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.102+/-0.013 χ^2/NDF : 1167430.5/28

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 140.607 $\pm$ 235.023 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 503.162 $\pm$ 213.143 χ^2 /NDF: 10.0/15

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

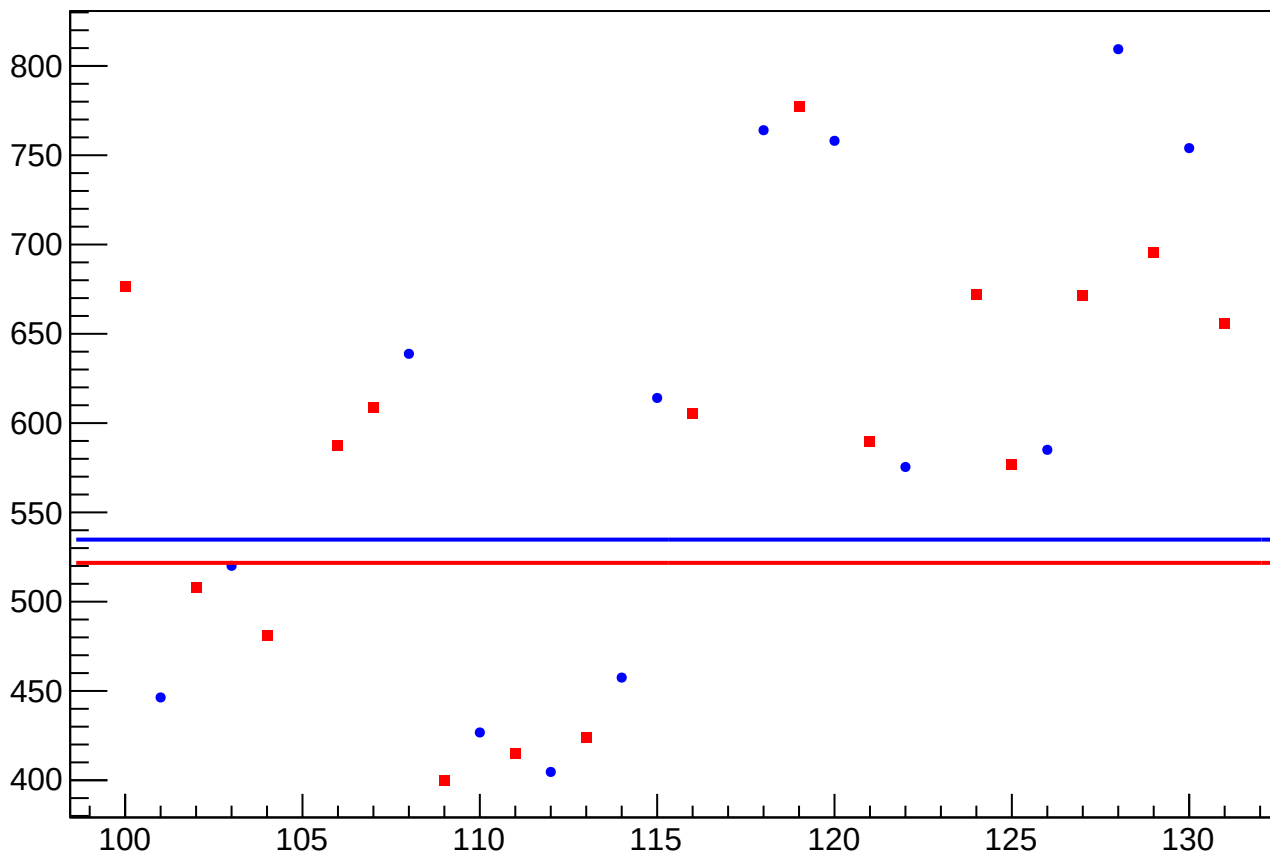
Right: 339.543 $\pm$ 157.885 χ^2 /NDF: 24.2/28

In: 140.607 $\pm$ 235.023 χ^2 /NDF:12.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 339.543 $\pm$ 157.885 χ^2 /NDF: 24.2/28

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.754+/-0.166 χ^2/NDF : 598708.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.728+/-0.151 χ^2/NDF : 539633.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

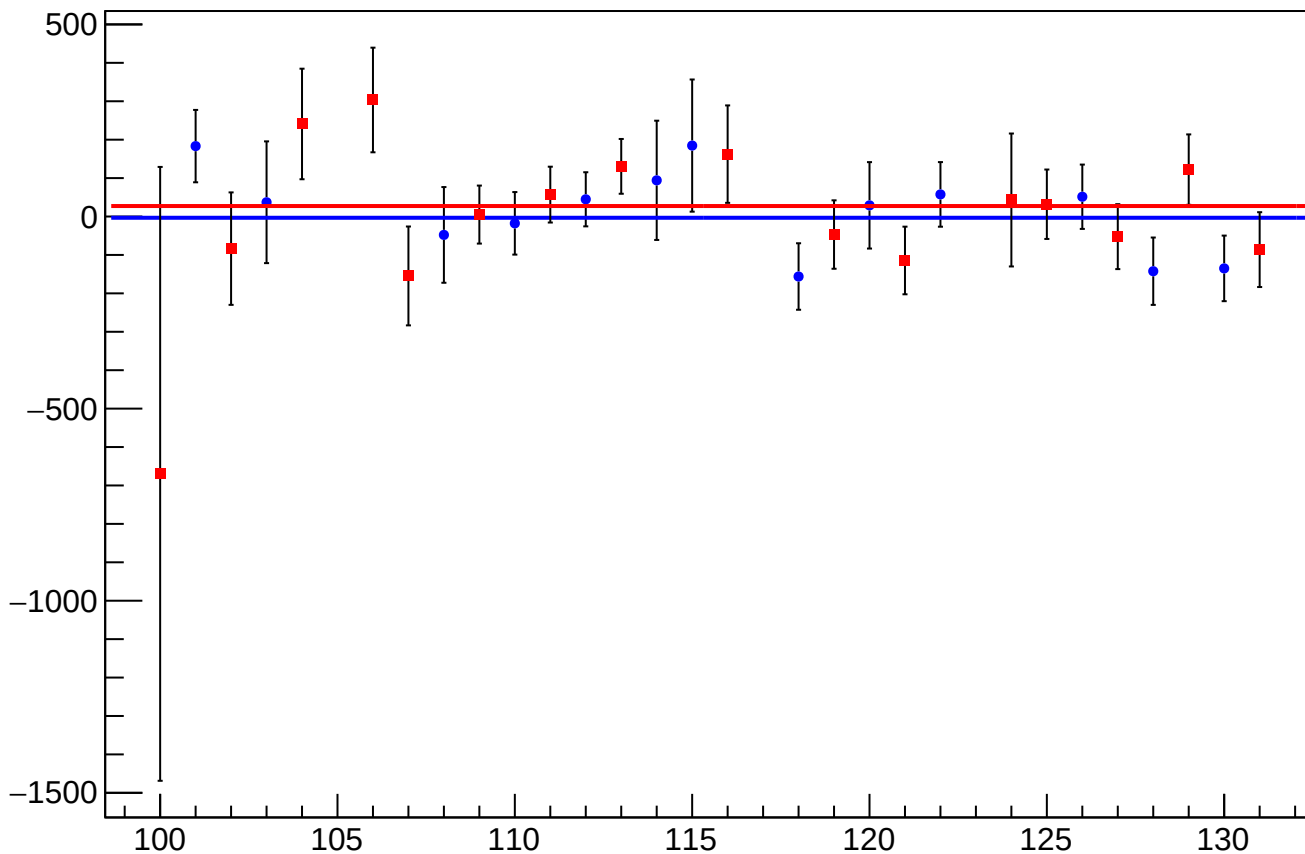
Right: 527.607+/-0.112 χ^2/NDF : 1141712.6/28

In: 534.754+/-0.166 χ^2/NDF : 598708.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.607+/-0.112 χ^2/NDF : 1141712.6/28

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -3.242+/-26.641 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.296+/-24.919 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

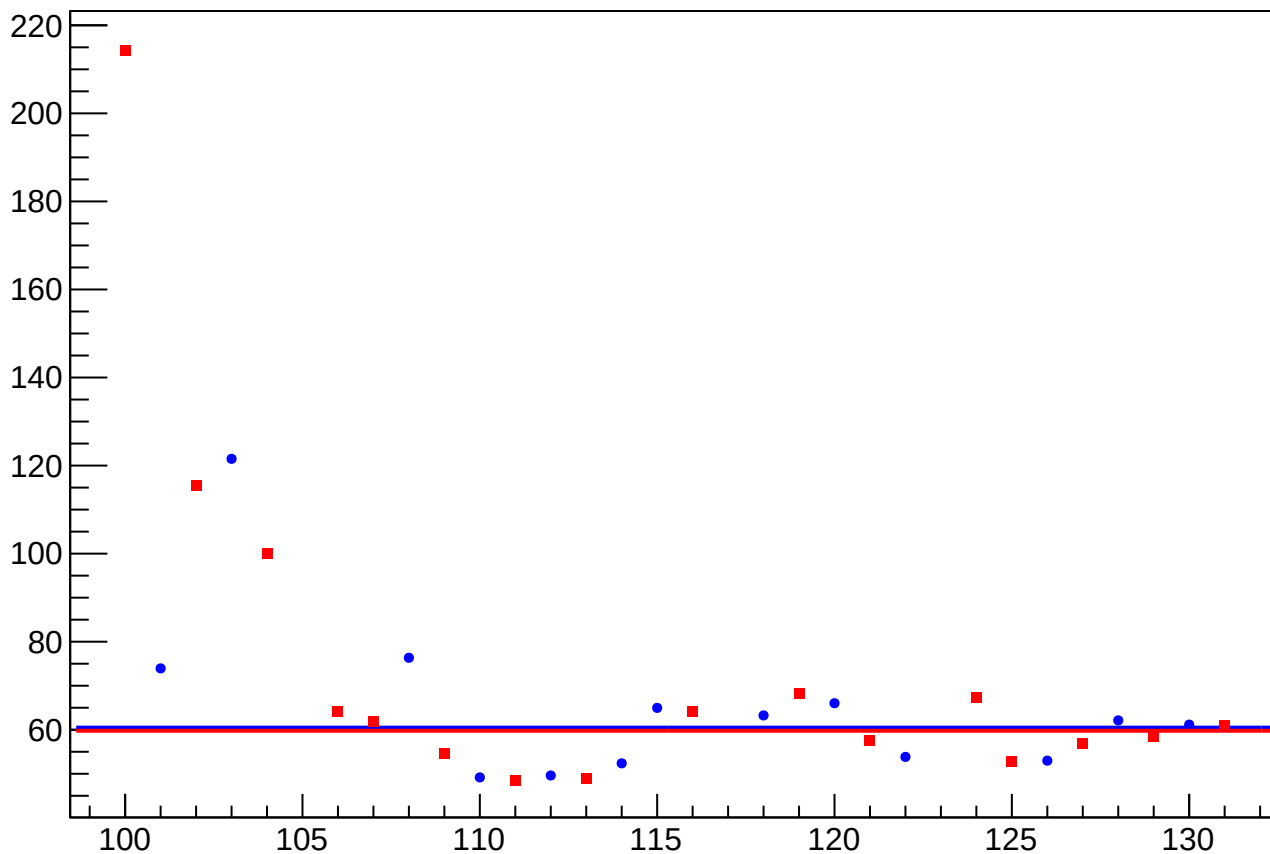
Right: 13.046+/-18.199 χ^2/NDF : 35.7/28

In: -3.242+/-26.641 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.046+/-18.199 χ^2/NDF : 35.7/28

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.478+/-0.019 χ^2/NDF : 499528.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.774+/-0.018 χ^2/NDF : 667154.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

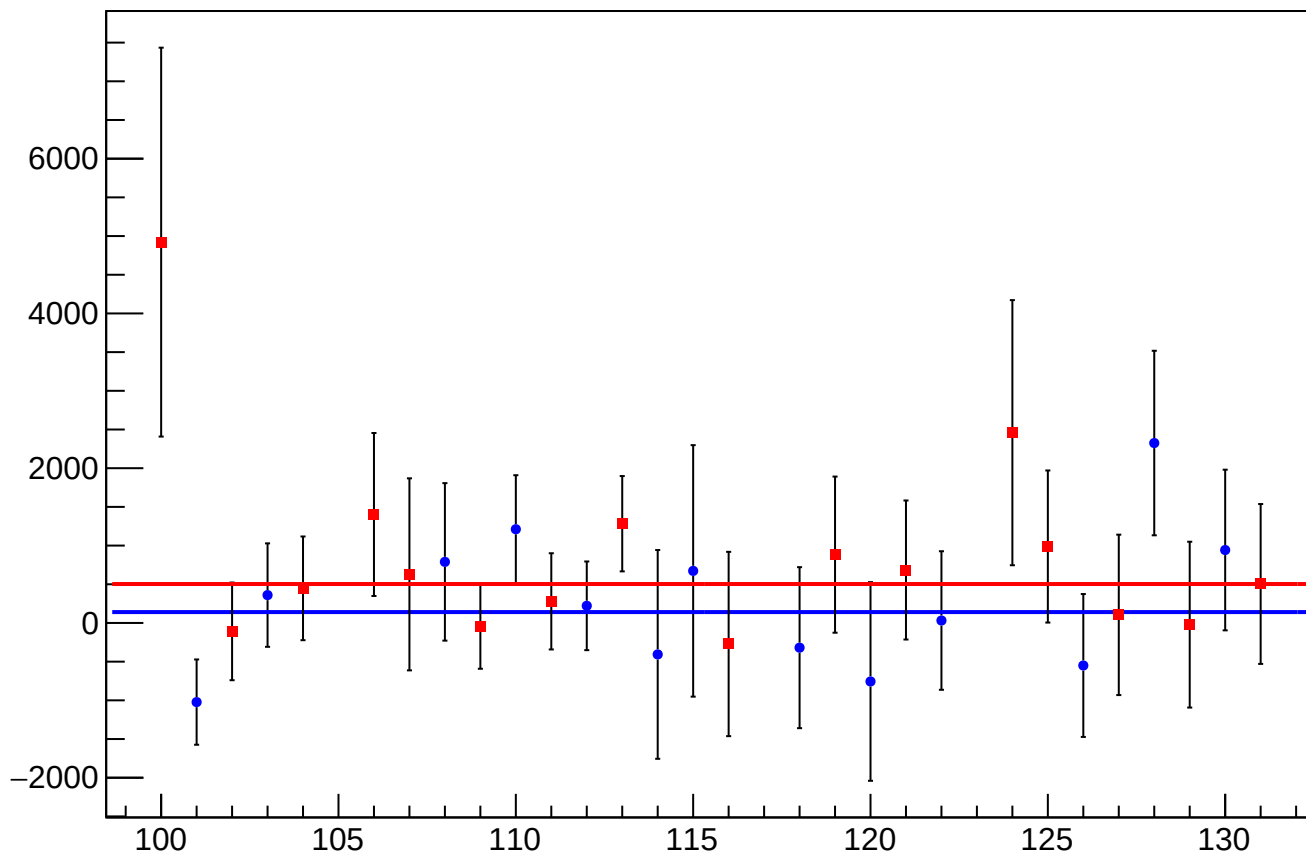
Right: 60.102+/-0.013 χ^2/NDF : 1167427.1/28

In: 60.478+/-0.019 χ^2/NDF : 499528.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.102+/-0.013 χ^2/NDF : 1167427.1/28

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 140.606 $\pm$ 235.022 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 503.161 $\pm$ 213.142 χ^2 /NDF: 10.0/15

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

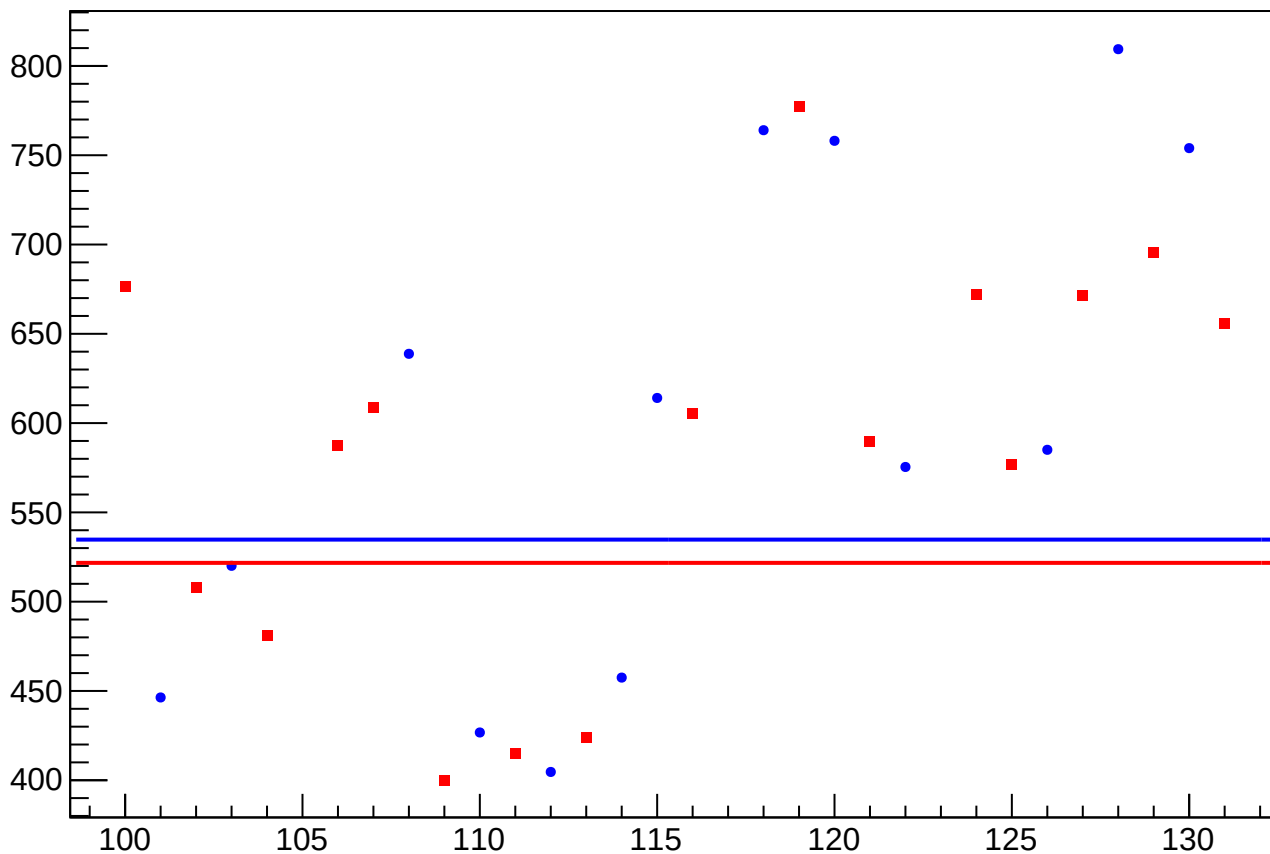
Right: 339.542 $\pm$ 157.884 χ^2 /NDF: 24.2/28

In: 140.606 $\pm$ 235.022 χ^2 /NDF:12.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 339.542 $\pm$ 157.884 χ^2 /NDF: 24.2/28

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.753+/-0.166 χ^2/NDF : 598714.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.727+/-0.151 χ^2/NDF : 539636.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

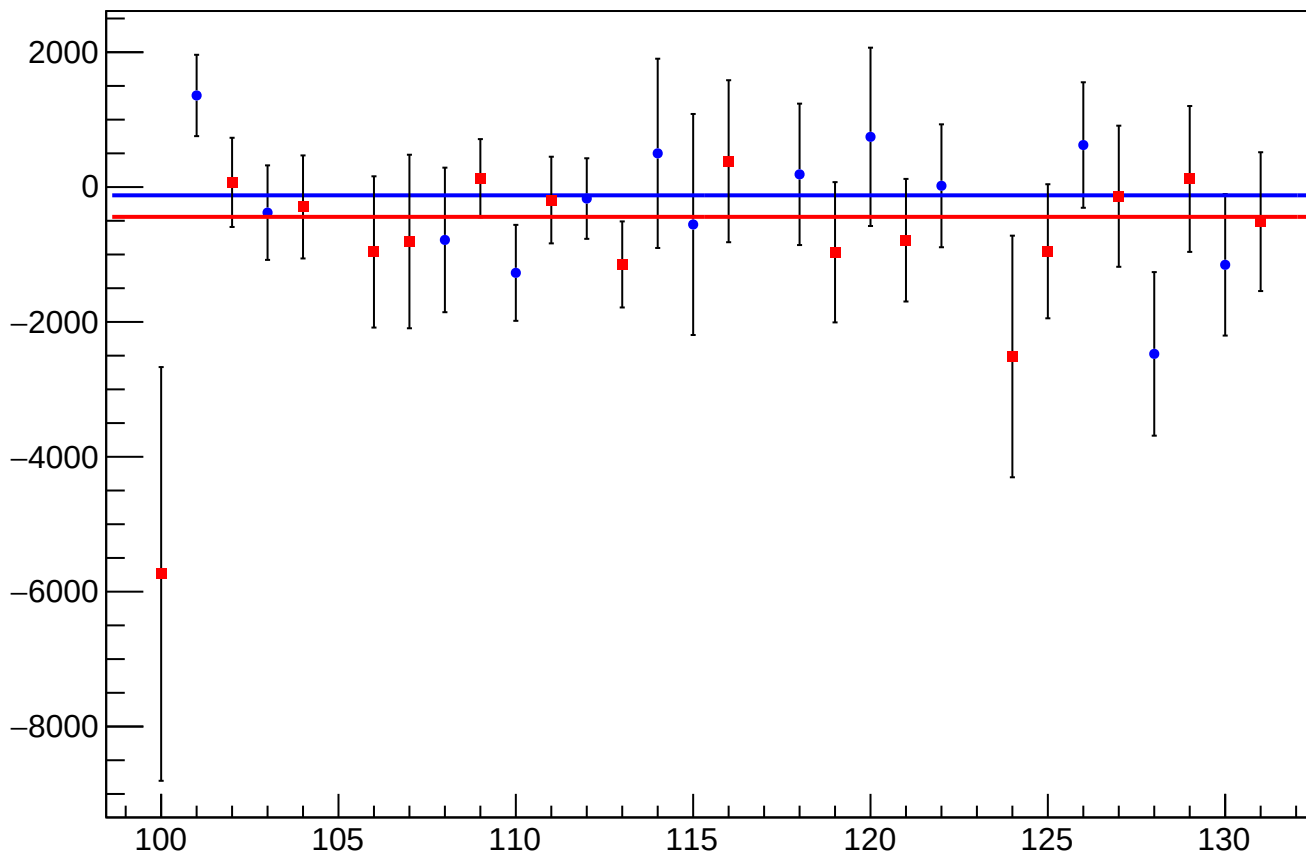
Right: 527.606+/-0.112 χ^2/NDF : 1141721.1/28

In: 534.753+/-0.166 χ^2/NDF : 598714.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.606+/-0.112 χ^2/NDF : 1141721.1/28

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -122.427 ± 244.418 χ^2/NDF : 15.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -441.705 ± 222.379 χ^2/NDF : 9.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

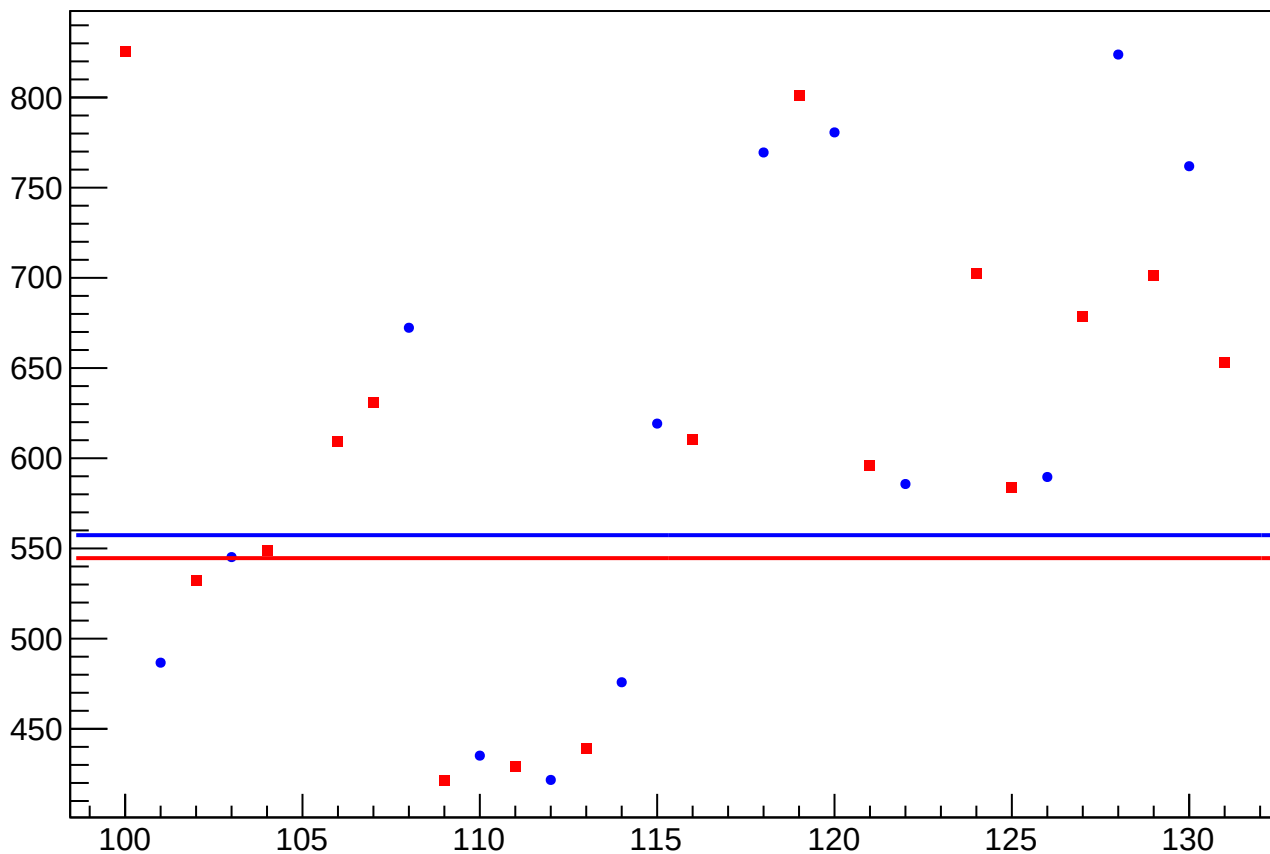
Right: -297.107 ± 164.487 χ^2/NDF : 25.4/28

In: -122.427 ± 244.418 χ^2/NDF : 15.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -297.107 ± 164.487 χ^2/NDF : 25.4/28

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 557.359+/-0.173 χ^2/NDF : 538528.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.628+/-0.157 χ^2/NDF : 492529.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

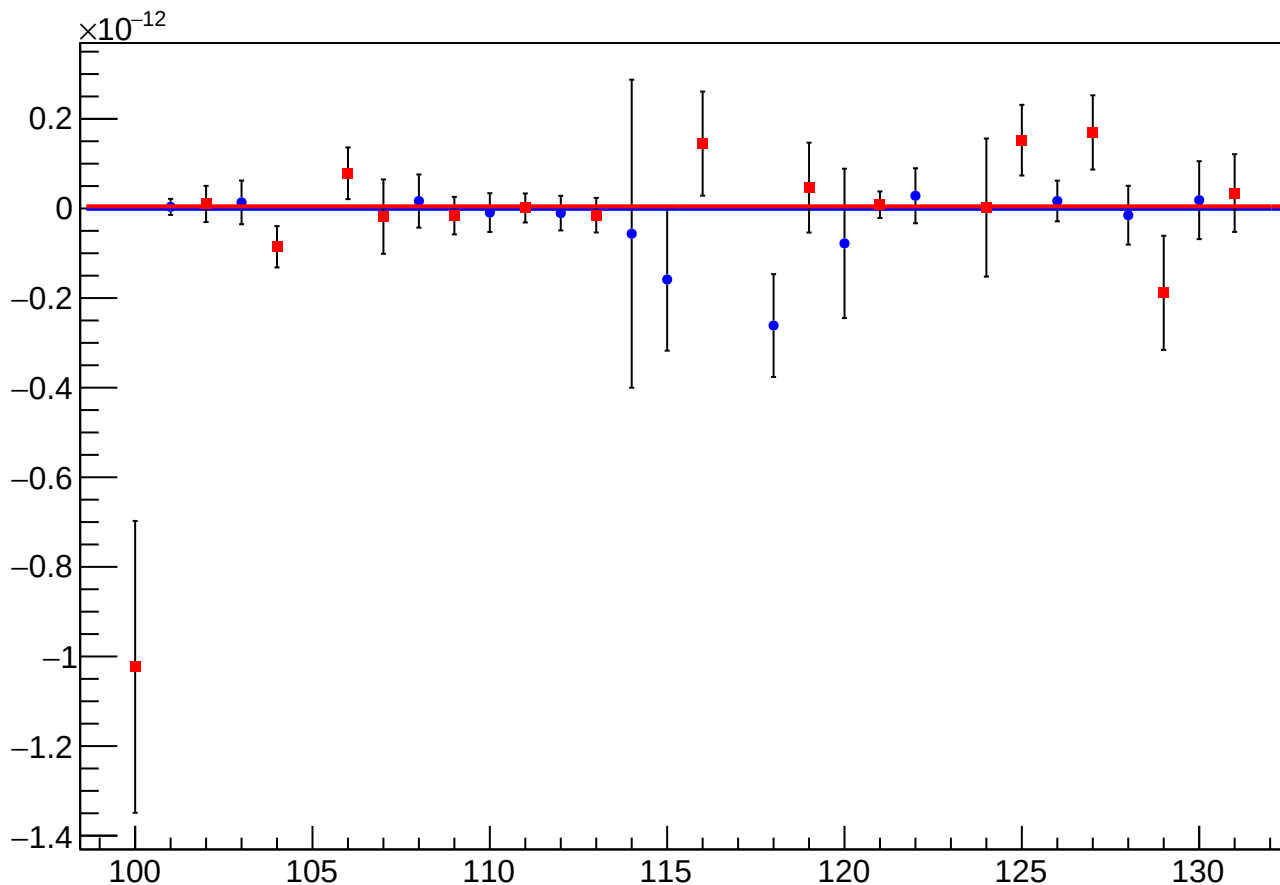
Right: 550.394+/-0.116 χ^2/NDF : 1034027.2/28

In: 557.359+/-0.173 χ^2/NDF : 538528.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.394+/-0.116 χ^2/NDF : 1034027.2/28

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 27.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

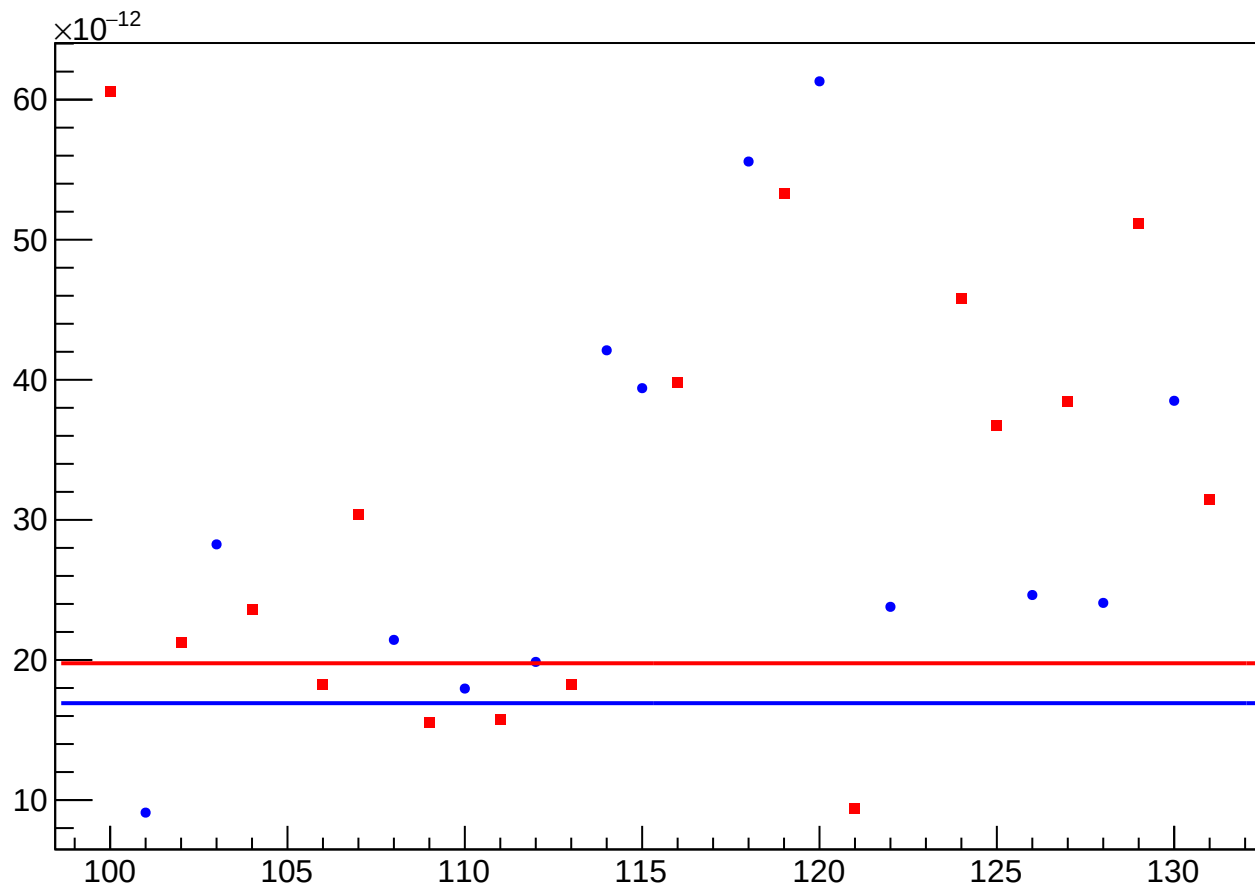
Right: 0.000+/-0.000 χ^2 /NDF: 34.8/28

In: -0.000+/-0.000 χ^2 /NDF:7.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 34.8/28

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1161811.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071579.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

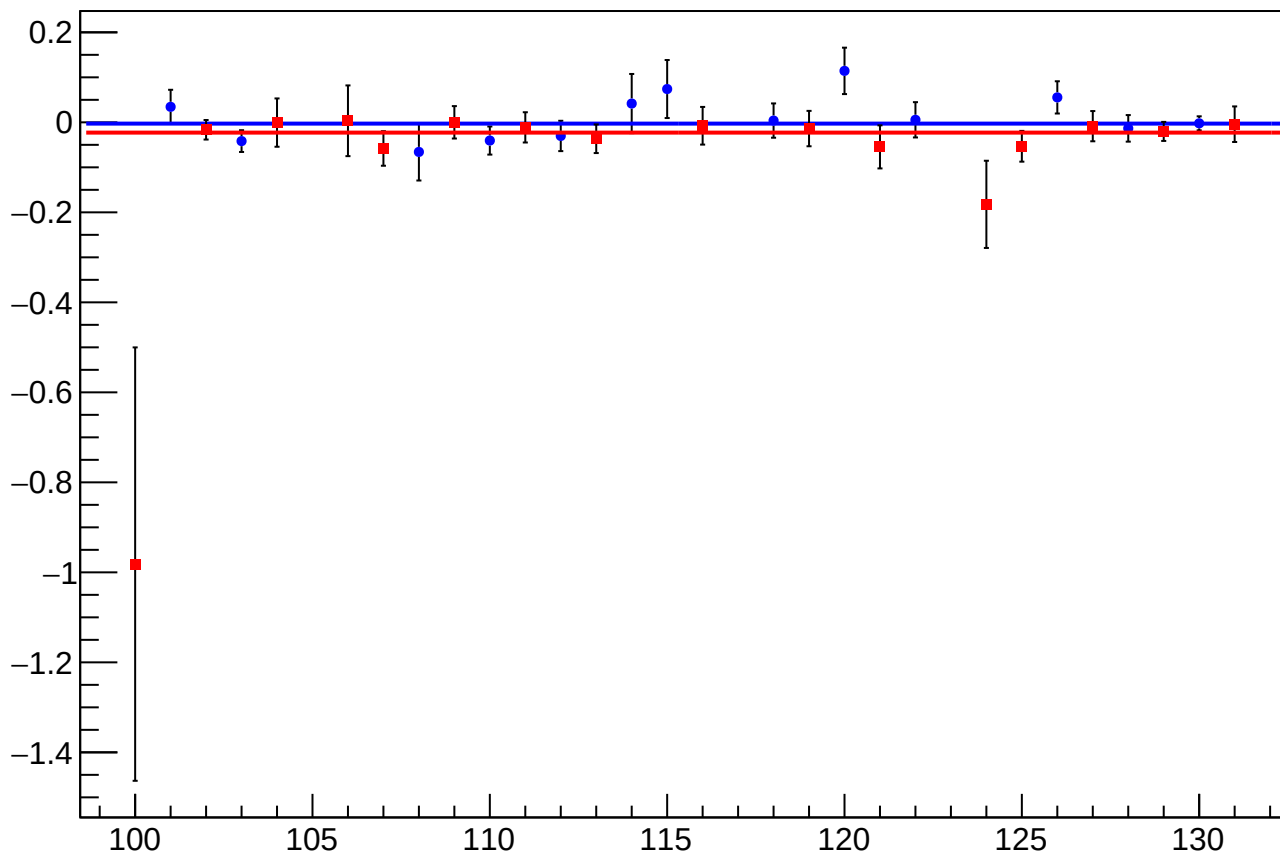
Right: 0.000+/-0.000 χ^2/NDF : 2281424.3/28

In: 0.000+/-0.000 χ^2/NDF : 1161811.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2281424.3/28

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.009 χ^2 /NDF: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.009 χ^2 /NDF: 10.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

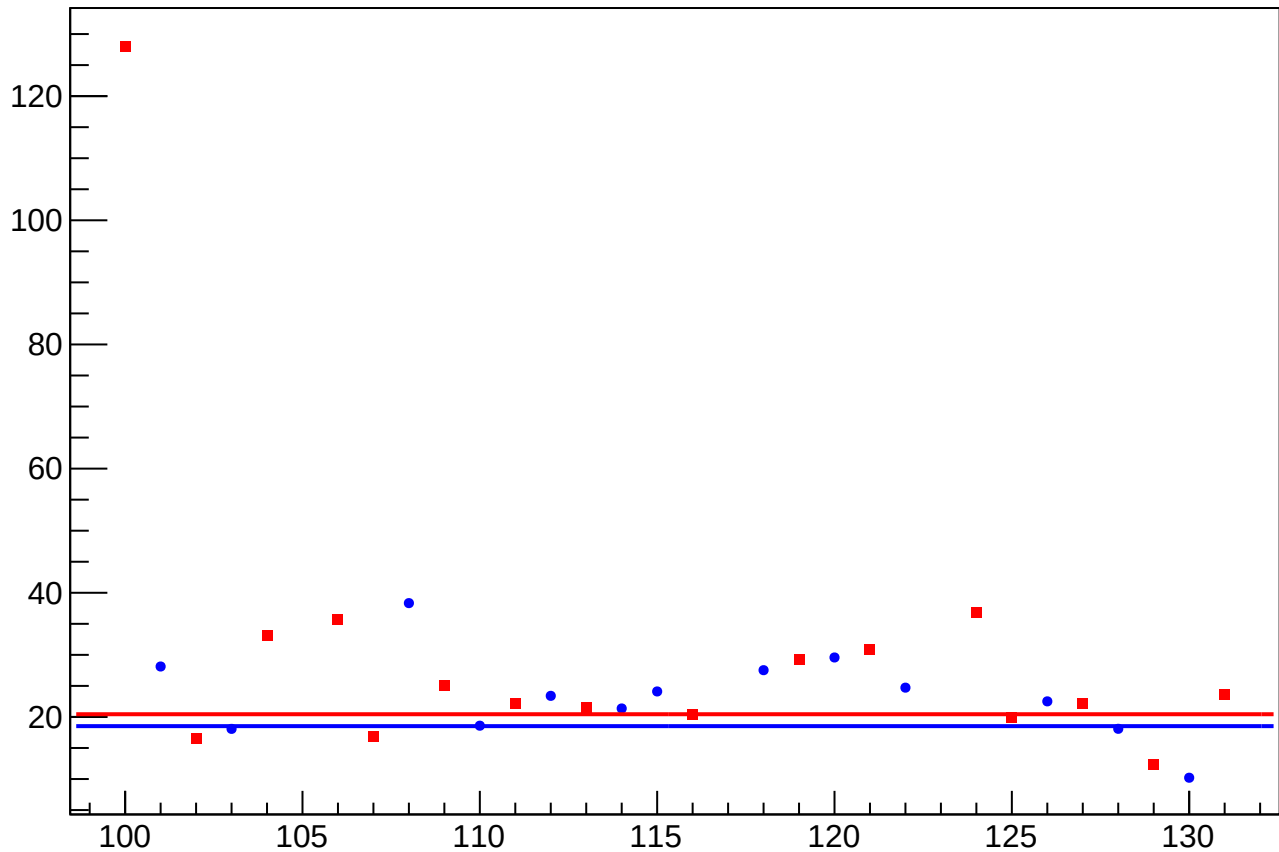
Right: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.5/28

In: -0.003 $\pm$ 0.009 χ^2 /NDF:16.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.5/28

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966565.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

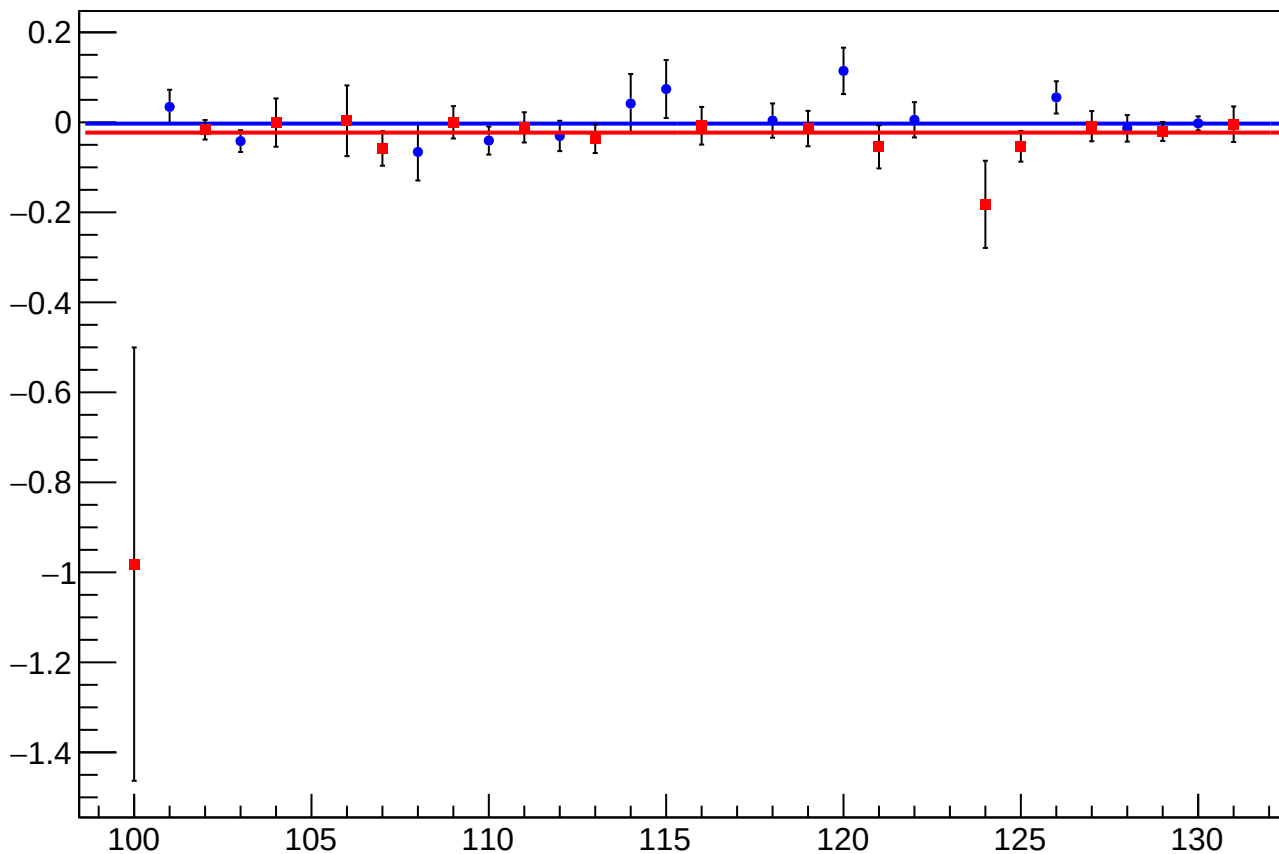
Right: 19.461+/-0.004 χ^2/NDF : 2245633.7/28

In: 18.519+/-0.006 χ^2/NDF :1232840.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245633.7/28

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.009 χ^2 /NDF: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.009 χ^2 /NDF: 10.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

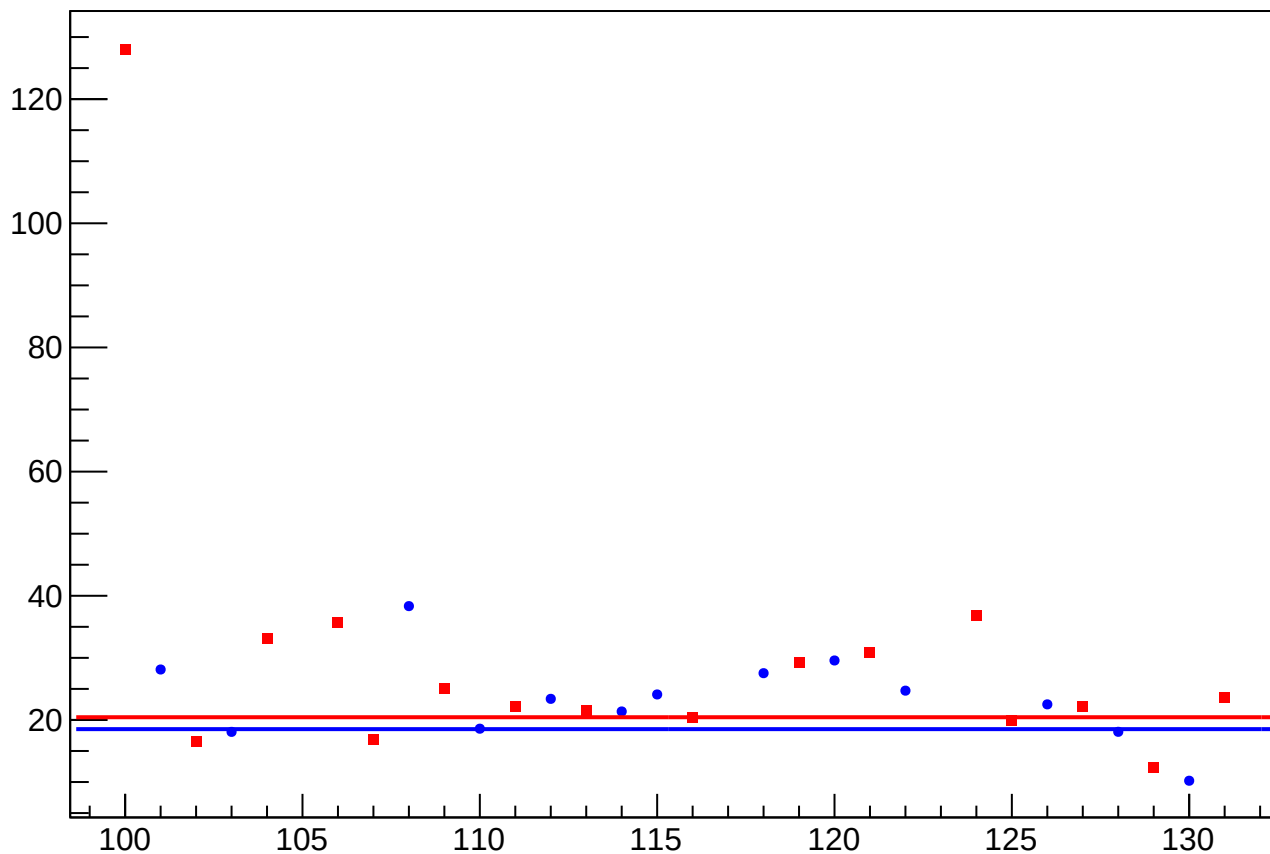
Right: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.5/28

In: -0.003 $\pm$ 0.009 χ^2 /NDF:16.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.5/28

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966565.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

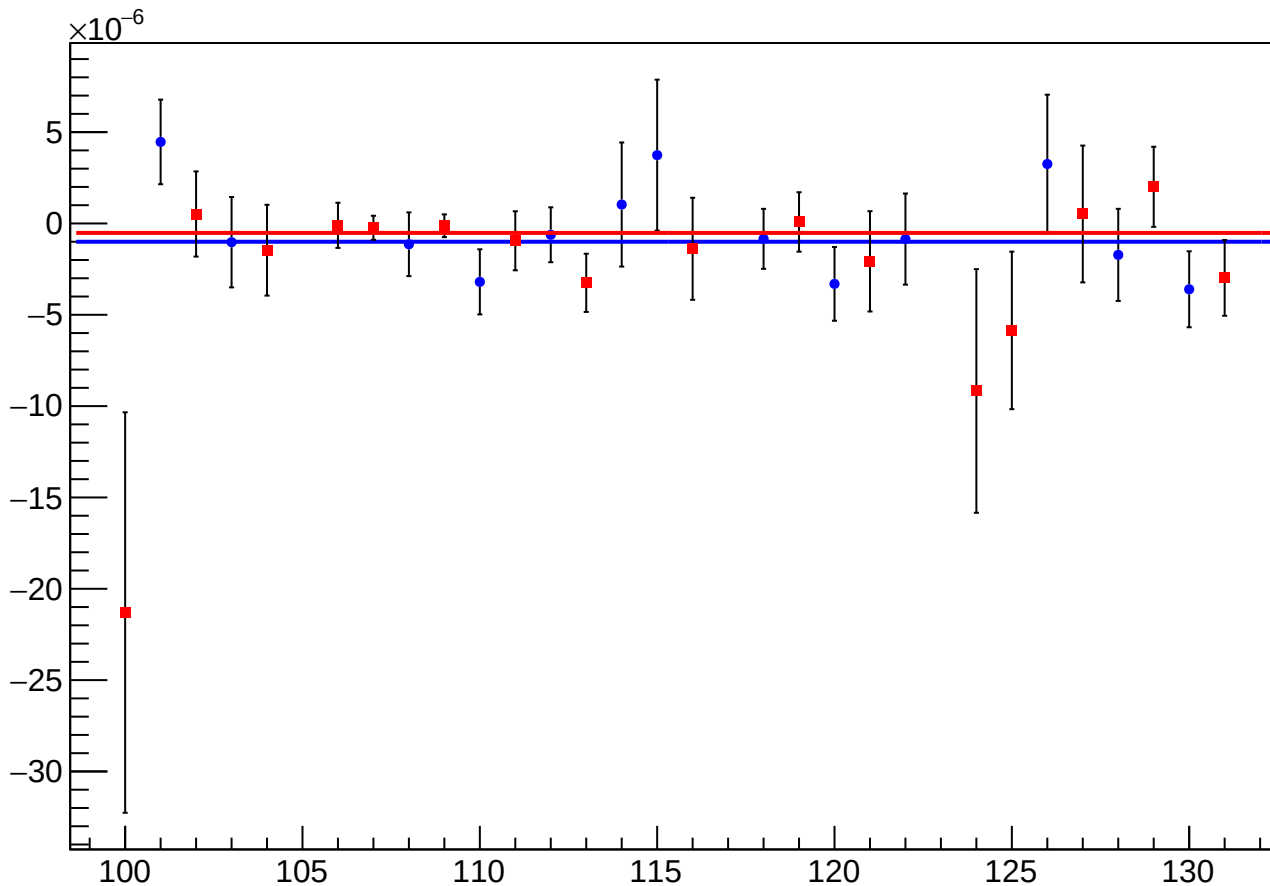
Right: 19.461+/-0.004 χ^2/NDF : 2245633.7/28

In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245633.7/28

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 13.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 14.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

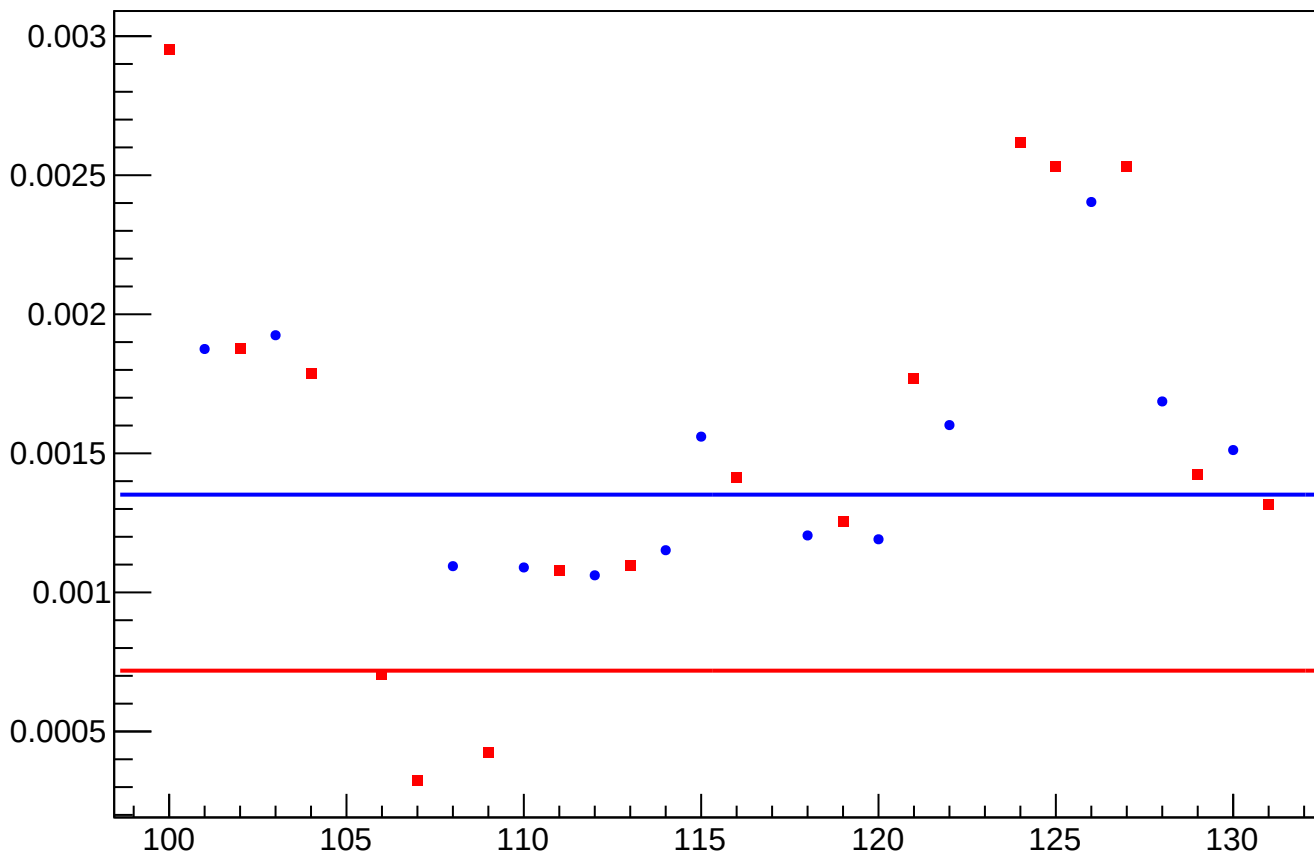
Right: -0.000 ± 0.000 χ^2/NDF : 27.8/28

In: -0.000 ± 0.000 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 27.8/28

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 632426.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4312552.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

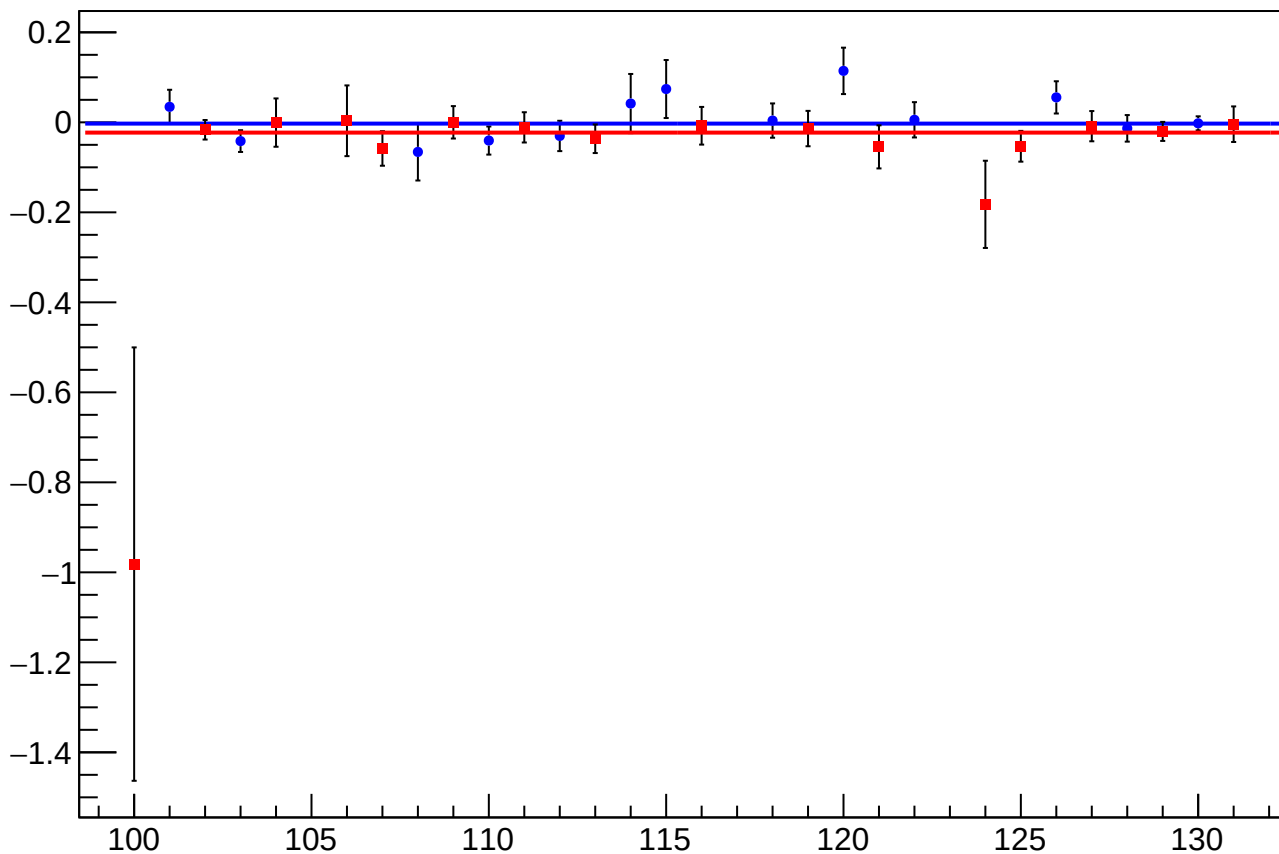
Right: 0.001+/-0.000 χ^2/NDF : 6608071.4/28

In: 0.001+/-0.000 χ^2/NDF : 632426.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6608071.4/28

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 16.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

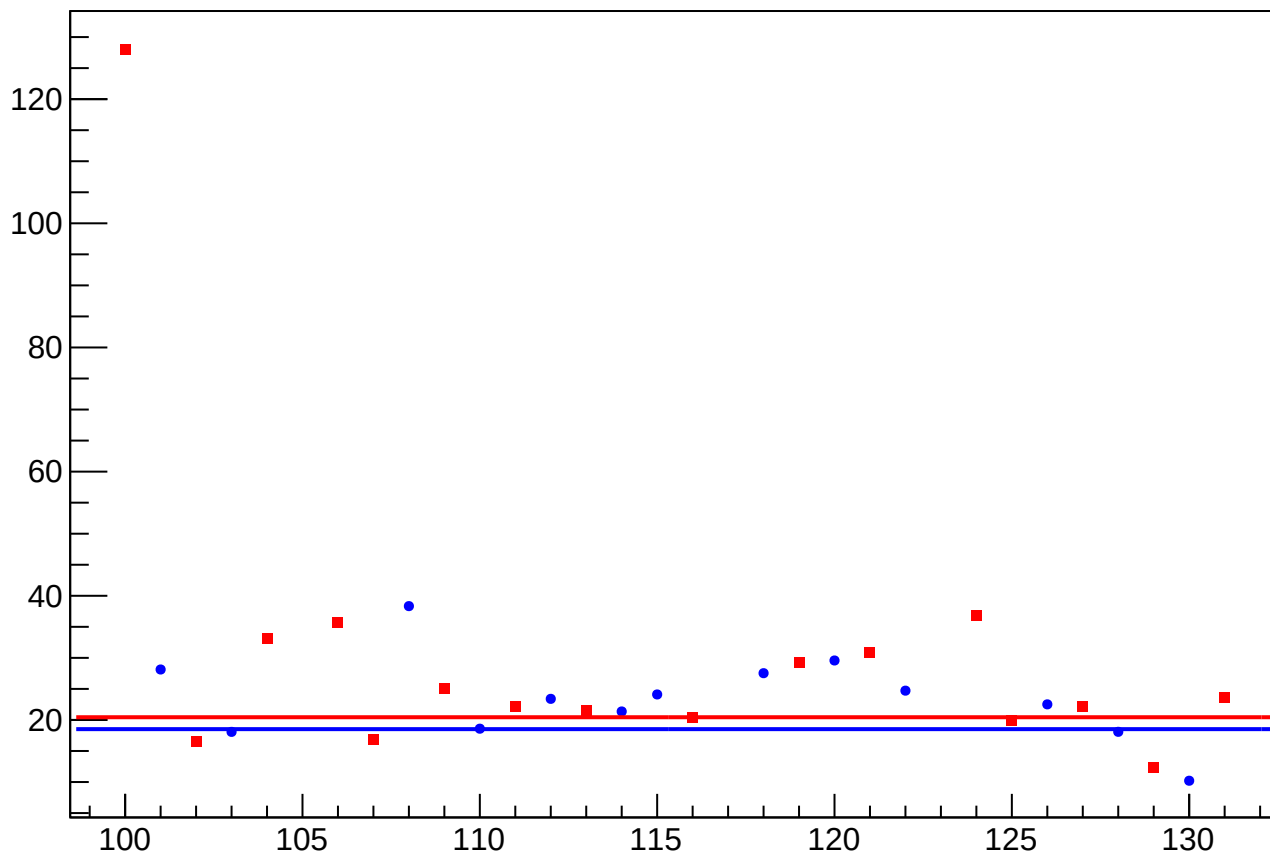
Right: -0.013 ± 0.006 χ^2/NDF : 29.5/28

In: -0.003 ± 0.009 χ^2/NDF : 16.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.006 χ^2/NDF : 29.5/28

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966564.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

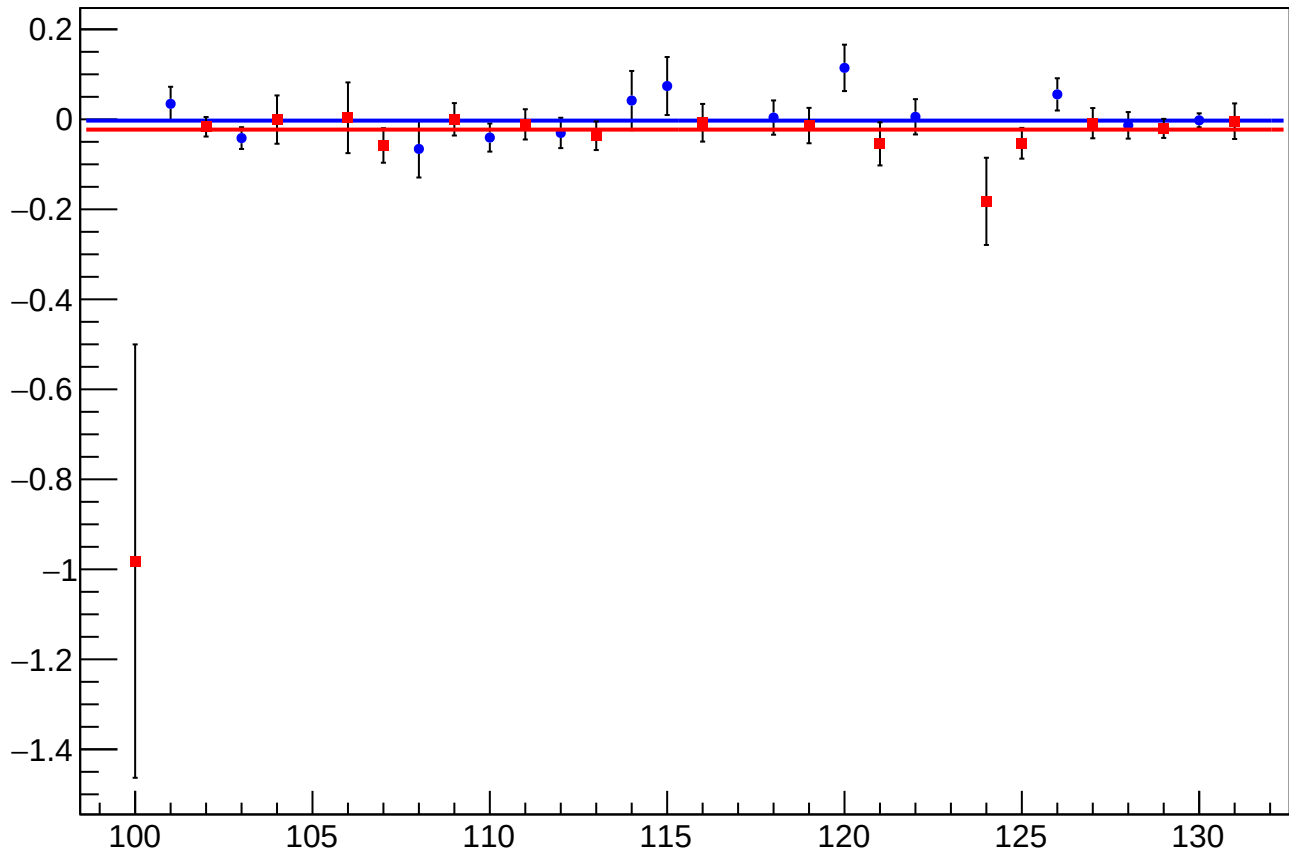
Right: 19.461+/-0.004 χ^2/NDF : 2245534.8/28

In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245534.8/28

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: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.009 χ^2 /NDF: 10.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

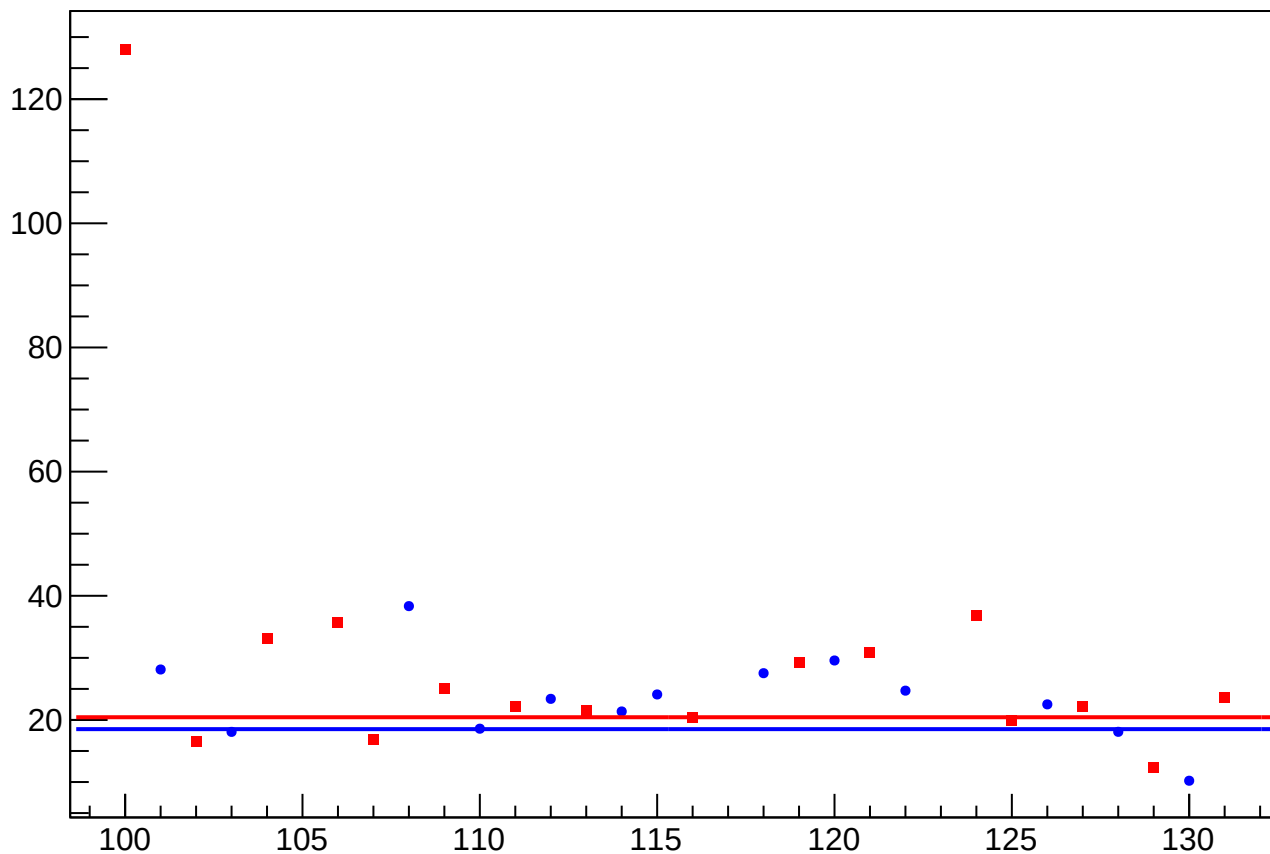
Right: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.5/28

In: -0.003 $\pm$ 0.009 χ^2 /NDF:16.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.5/28

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966564.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

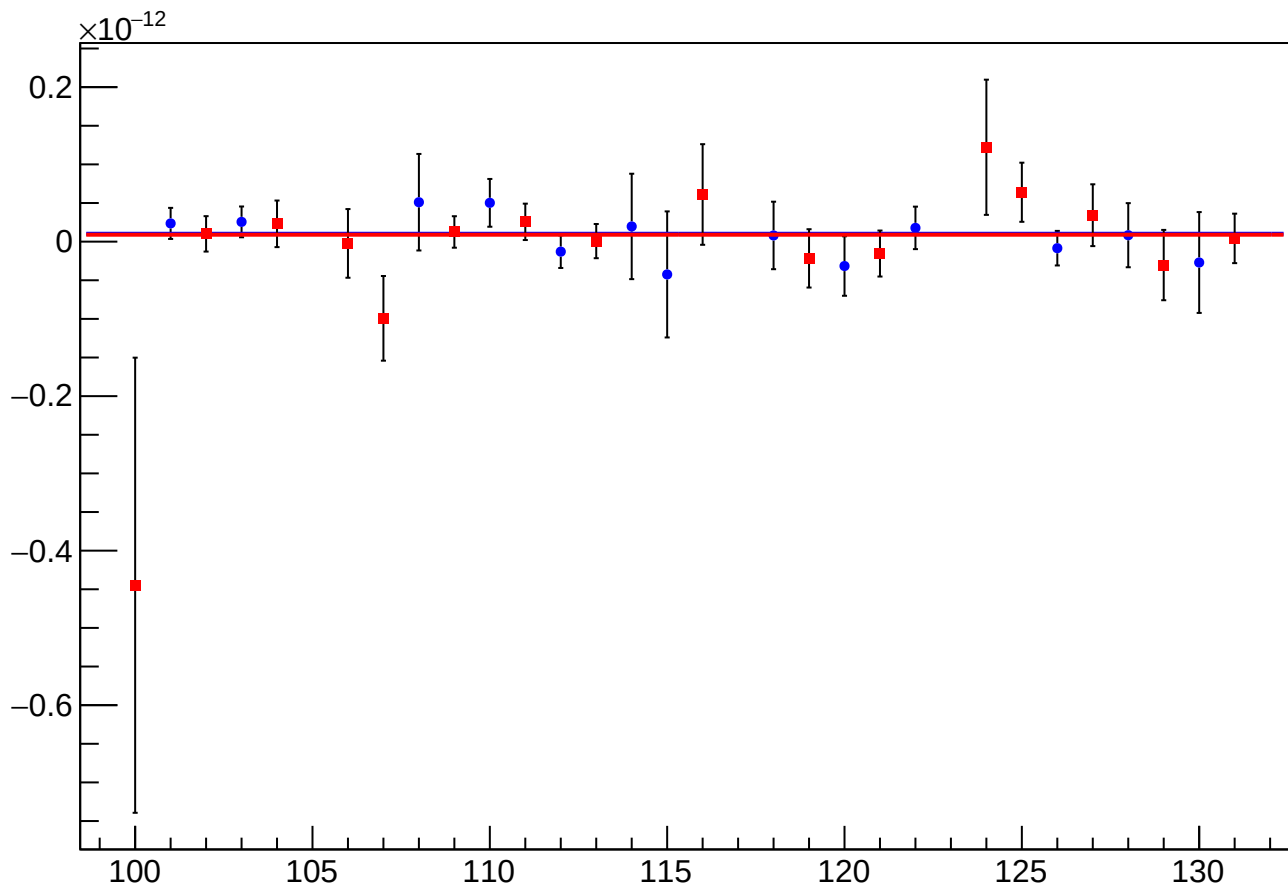
Right: 19.461+/-0.004 χ^2/NDF : 2245534.8/28

In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245534.8/28

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 7.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.1/15

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

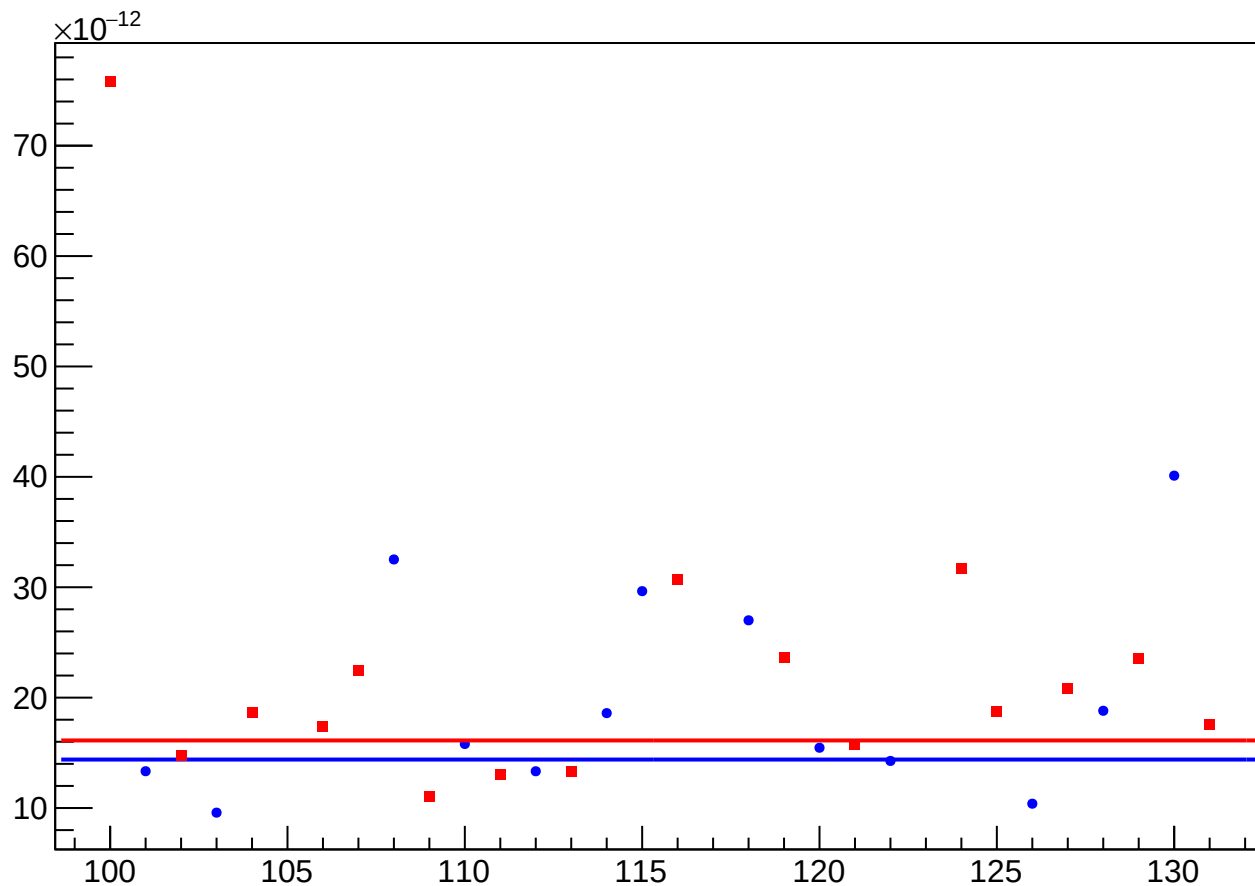
Right: 0.000+/-0.000 χ^2 /NDF: 21.2/28

In: 0.000+/-0.000 χ^2 /NDF: 7.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 21.2/28

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 942389.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 659874.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

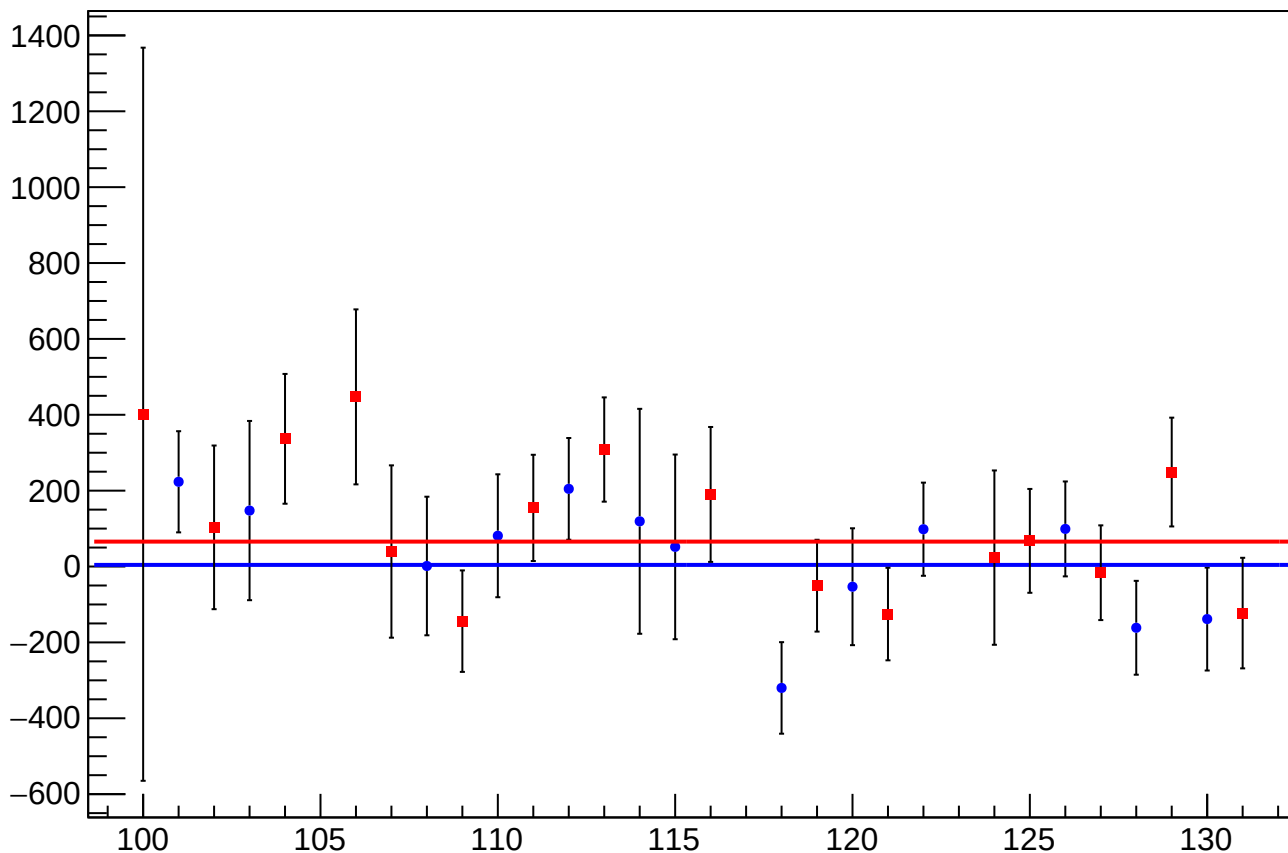
Right: 0.000+/-0.000 χ^2/NDF : 1646087.7/28

In: 0.000+/-0.000 χ^2/NDF : 942389.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1646087.7/28

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.290+/-41.277 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.693+/-39.100 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

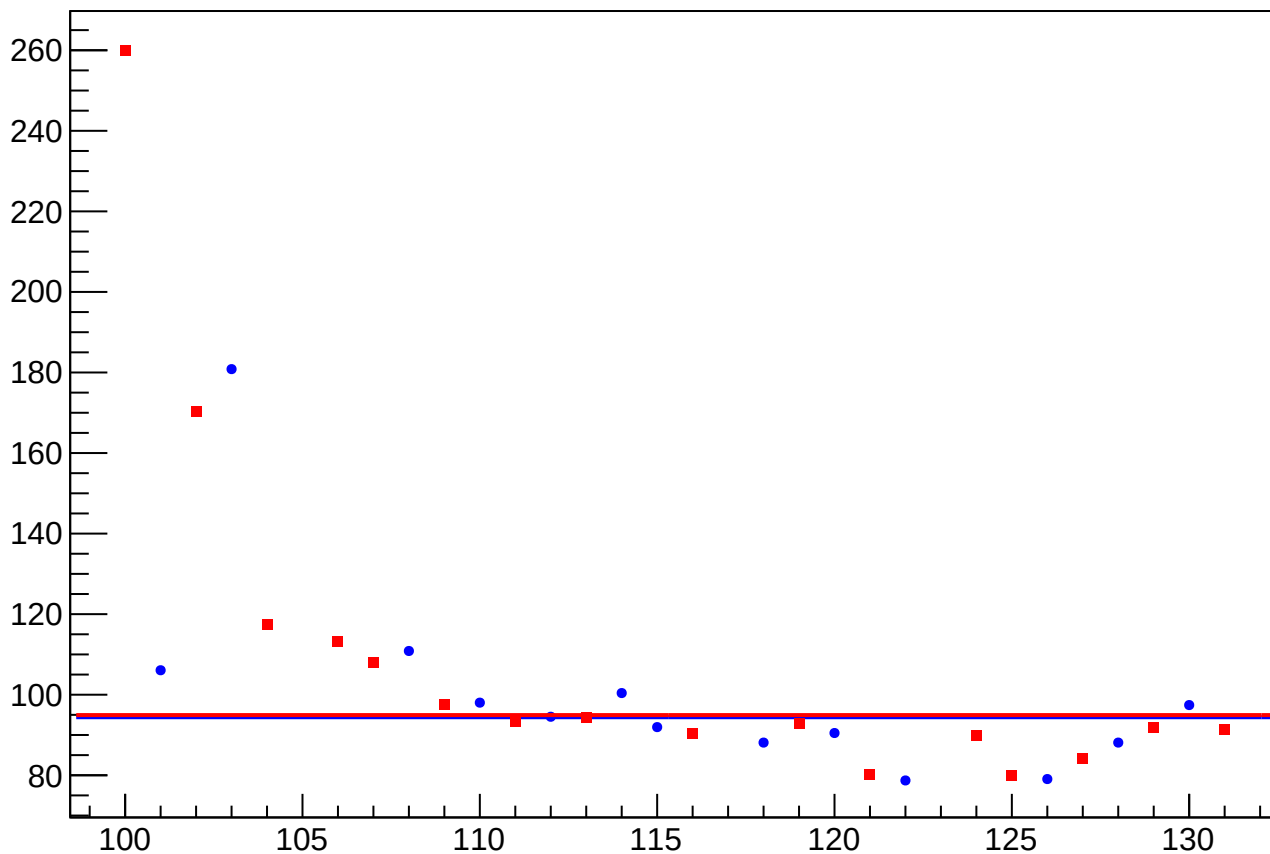
Right: 36.653+/-28.386 χ^2/NDF : 37.3/28

In: 4.290+/-41.277 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.653+/-28.386 χ^2/NDF : 37.3/28

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.413+/-0.029 χ^2/NDF : 376937.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.940+/-0.028 χ^2/NDF : 430399.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

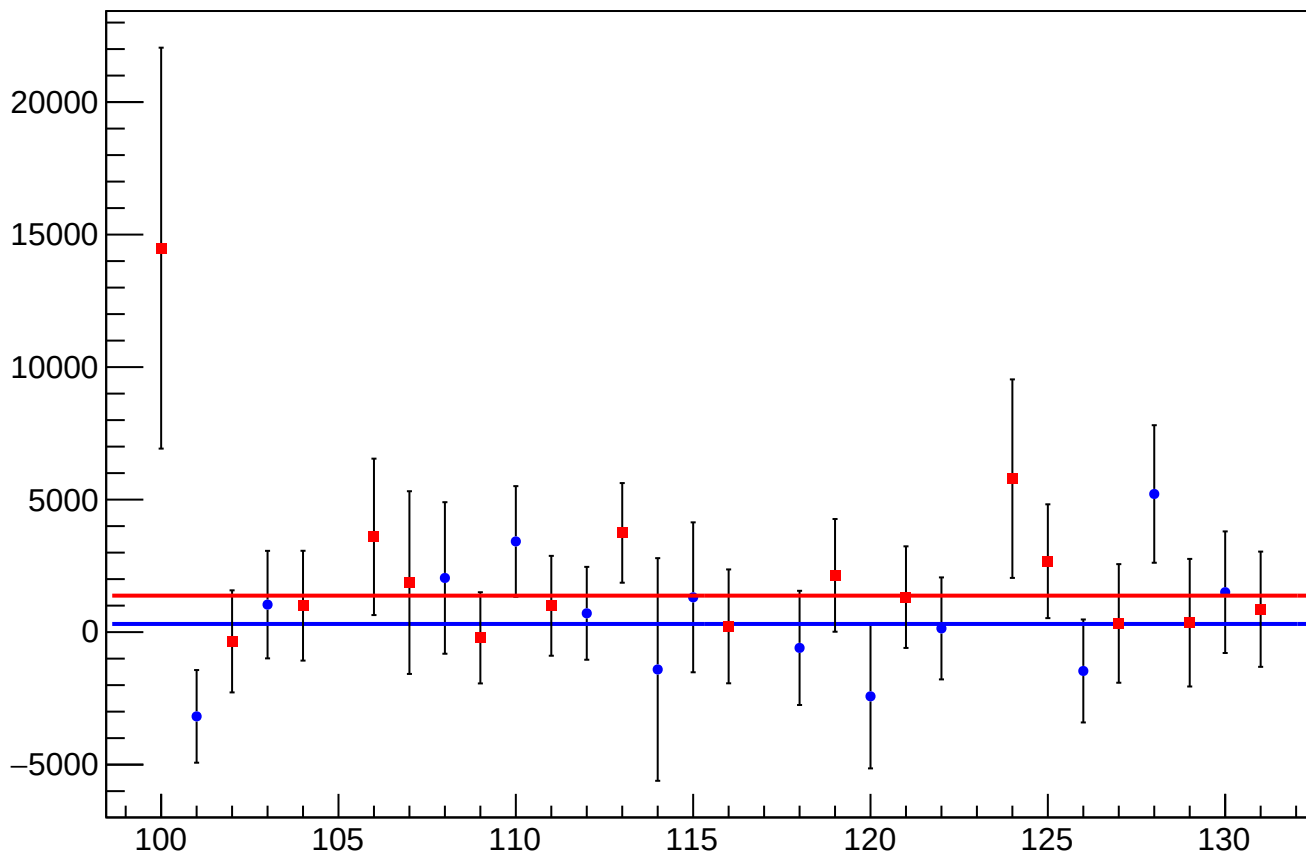
Right: 94.691+/-0.020 χ^2/NDF : 807508.5/28

In: 94.413+/-0.029 χ^2/NDF : 376937.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.691+/-0.020 χ^2/NDF : 807508.5/28

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.281+/-613.846 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.737+/-558.718 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

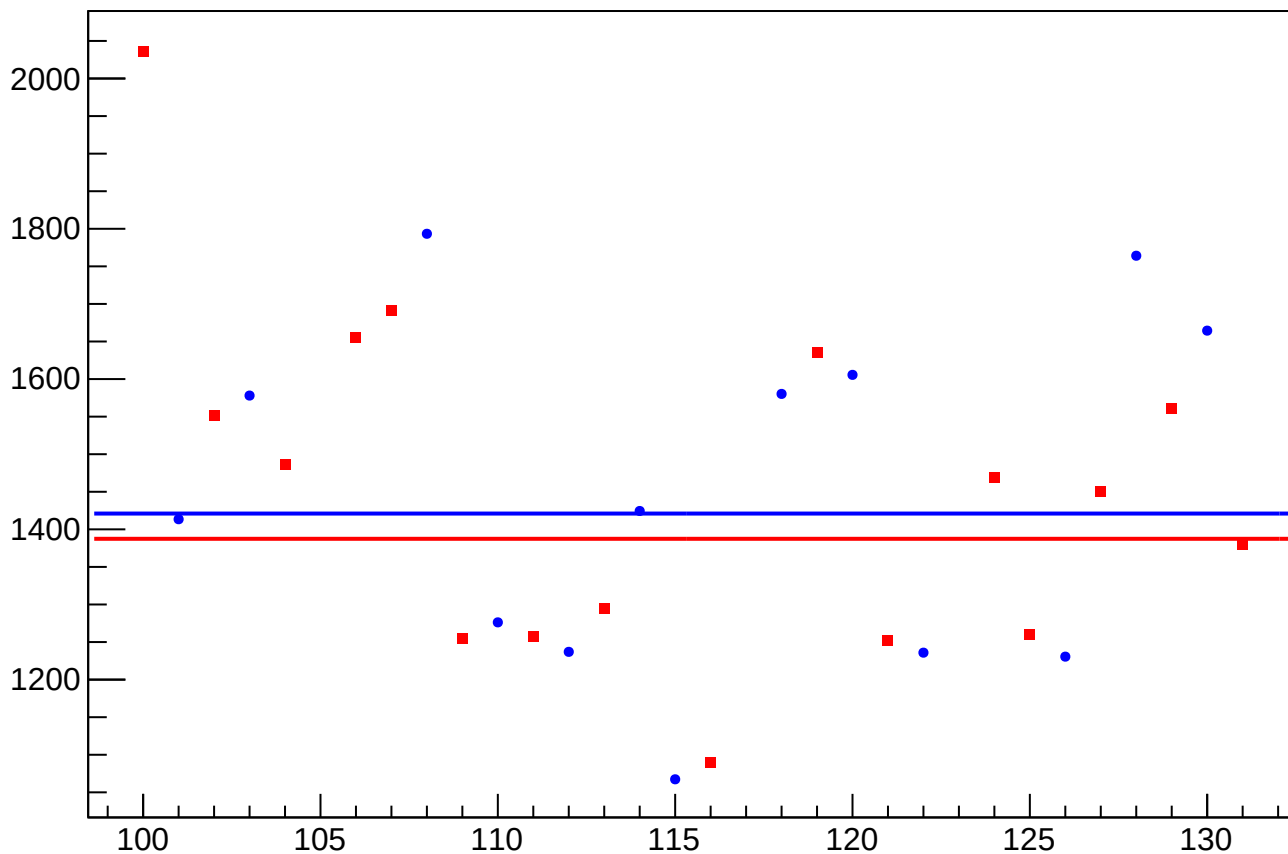
Right: 892.632+/-413.191 χ^2/NDF : 24.1/28

In: 308.281+/-613.846 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.632+/-413.191 χ^2/NDF : 24.1/28

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1421.014+/-0.434 χ^2/NDF : 224264.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1387.413+/-0.395 χ^2/NDF : 187397.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

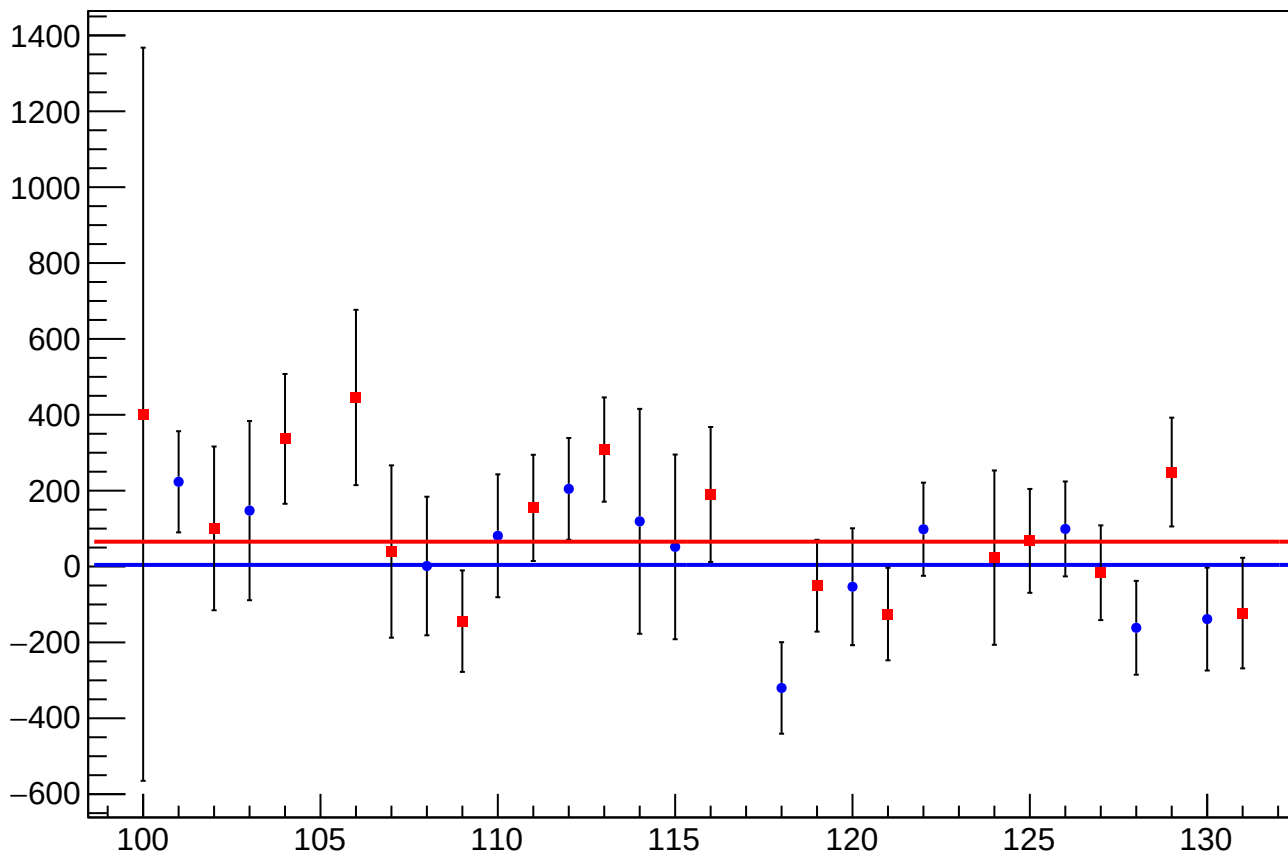
Right: 1402.637+/-0.292 χ^2/NDF : 414939.2/28

In: 1421.014+/-0.434 χ^2/NDF : 224264.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.637+/-0.292 χ^2/NDF : 414939.2/28

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.278+/-41.277 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.510+/-39.103 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

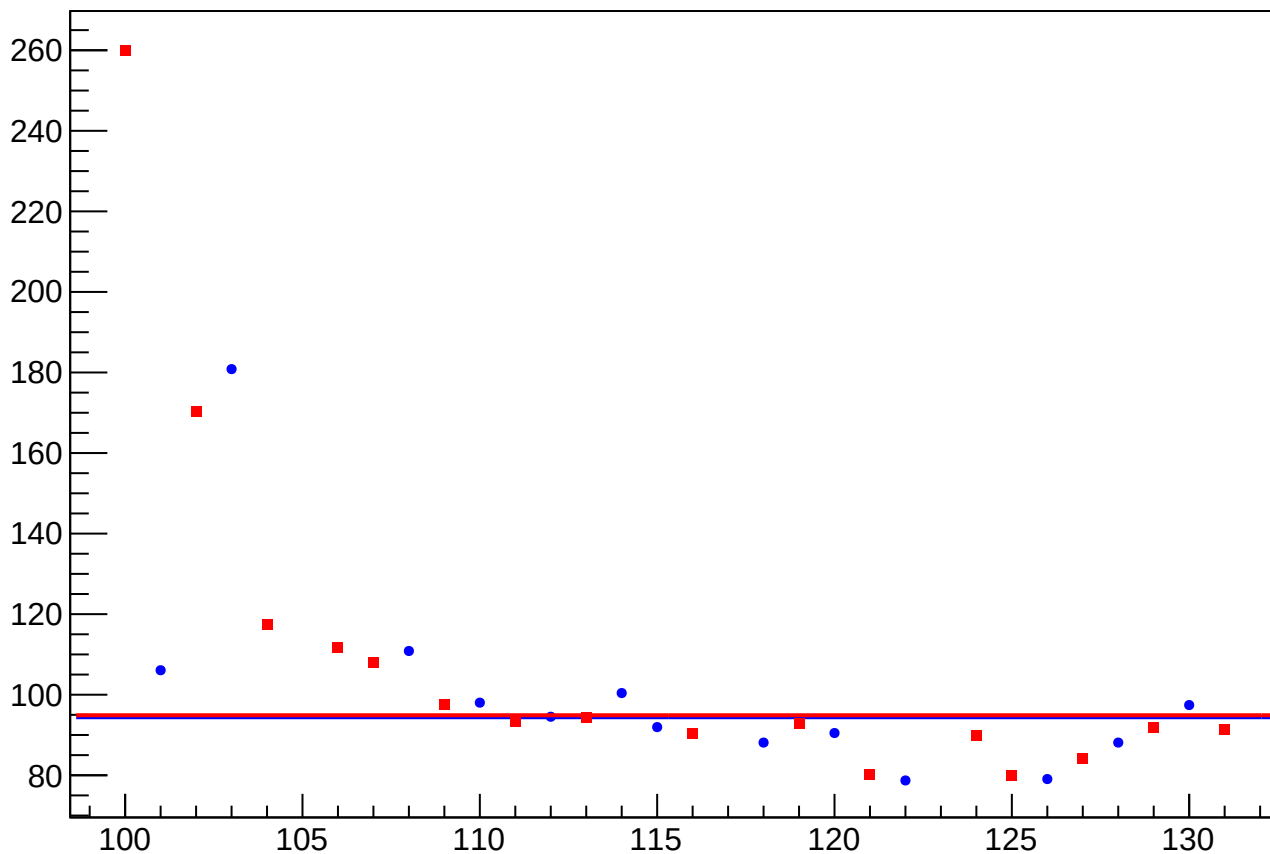
Right: 36.549+/-28.387 χ^2/NDF : 37.3/28

In: 4.278+/-41.277 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.549+/-28.387 χ^2/NDF : 37.3/28

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.901+/-0.028 χ^2/NDF : 428922.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

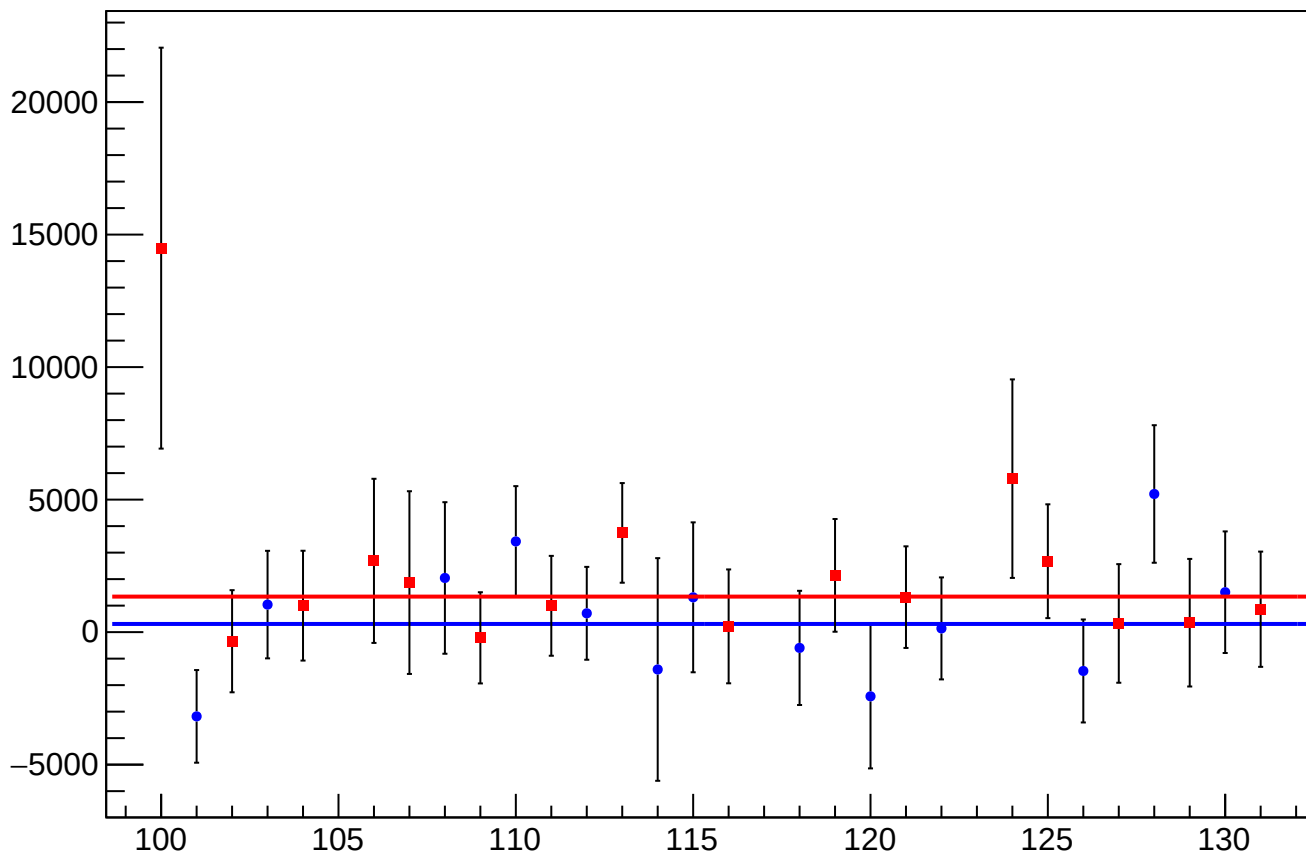
Right: 94.670+/-0.020 χ^2/NDF : 806010.2/28

In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.670+/-0.020 χ^2/NDF : 806010.2/28

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.591+/-559.670 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

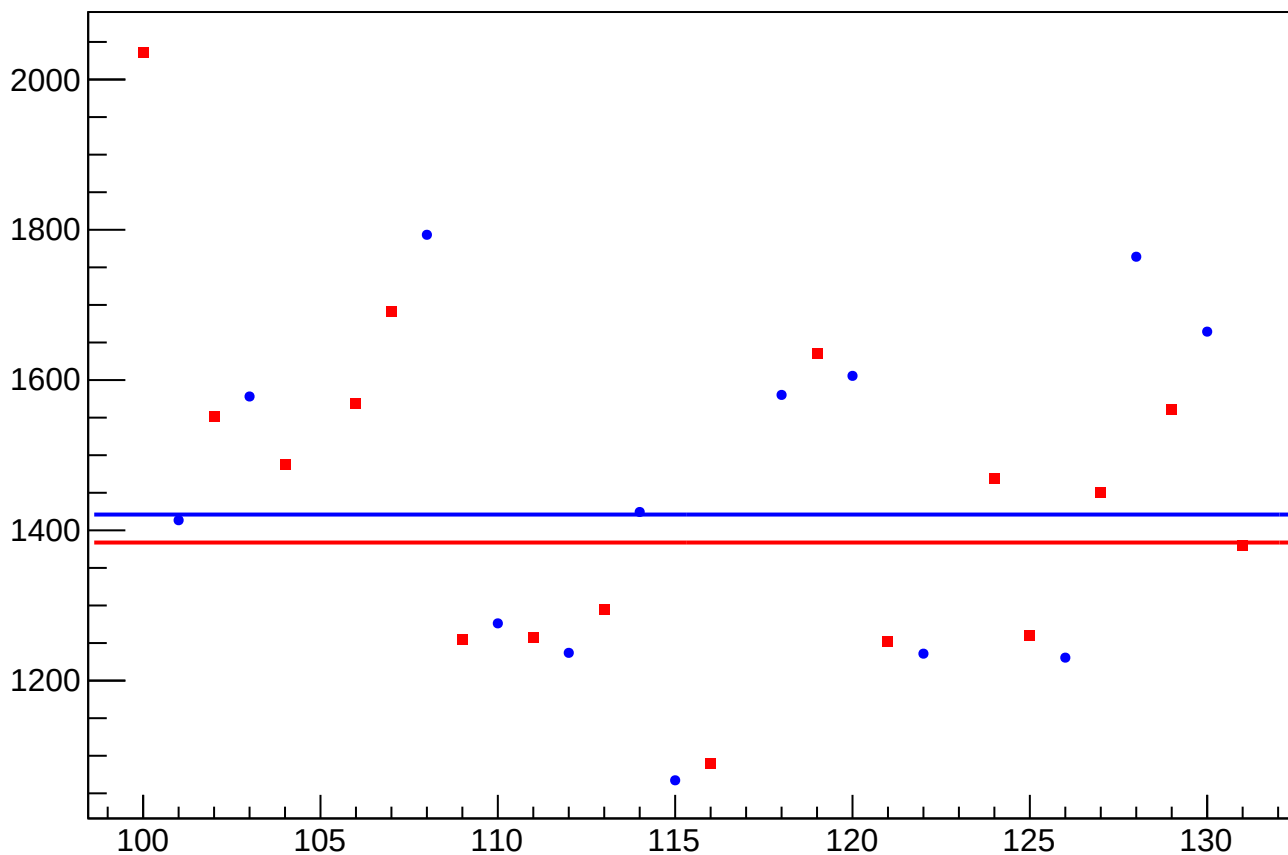
Right: 872.024+/-413.577 χ^2/NDF : 23.6/28

In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.024+/-413.577 χ^2/NDF : 23.6/28

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.773+/-0.396 χ^2/NDF : 177872.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

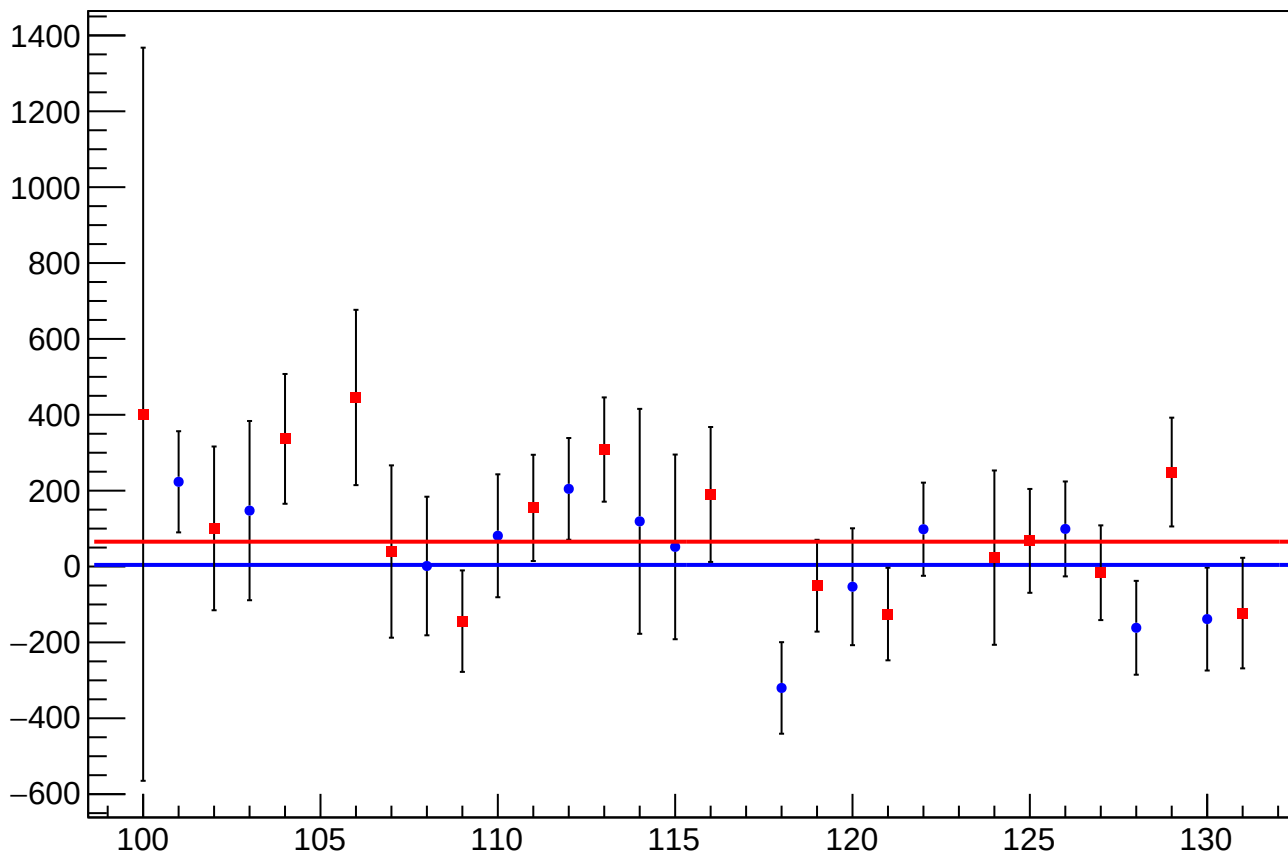
Right: 1400.682+/-0.292 χ^2/NDF : 406173.8/28

In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.682+/-0.292 χ^2/NDF : 406173.8/28

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.278+/-41.277 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.510+/-39.103 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

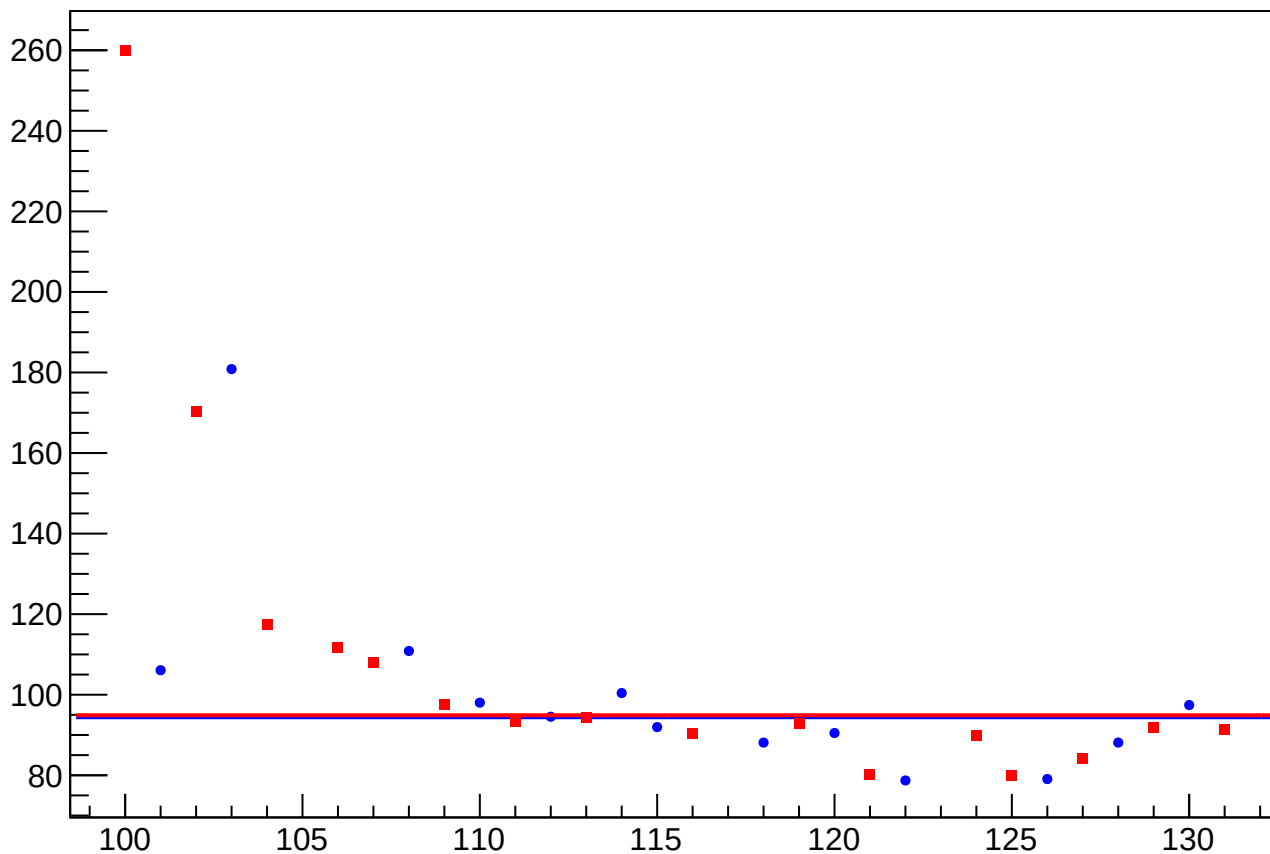
Right: 36.549+/-28.387 χ^2/NDF : 37.3/28

In: 4.278+/-41.277 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.549+/-28.387 χ^2/NDF : 37.3/28

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.901+/-0.028 χ^2/NDF : 428922.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

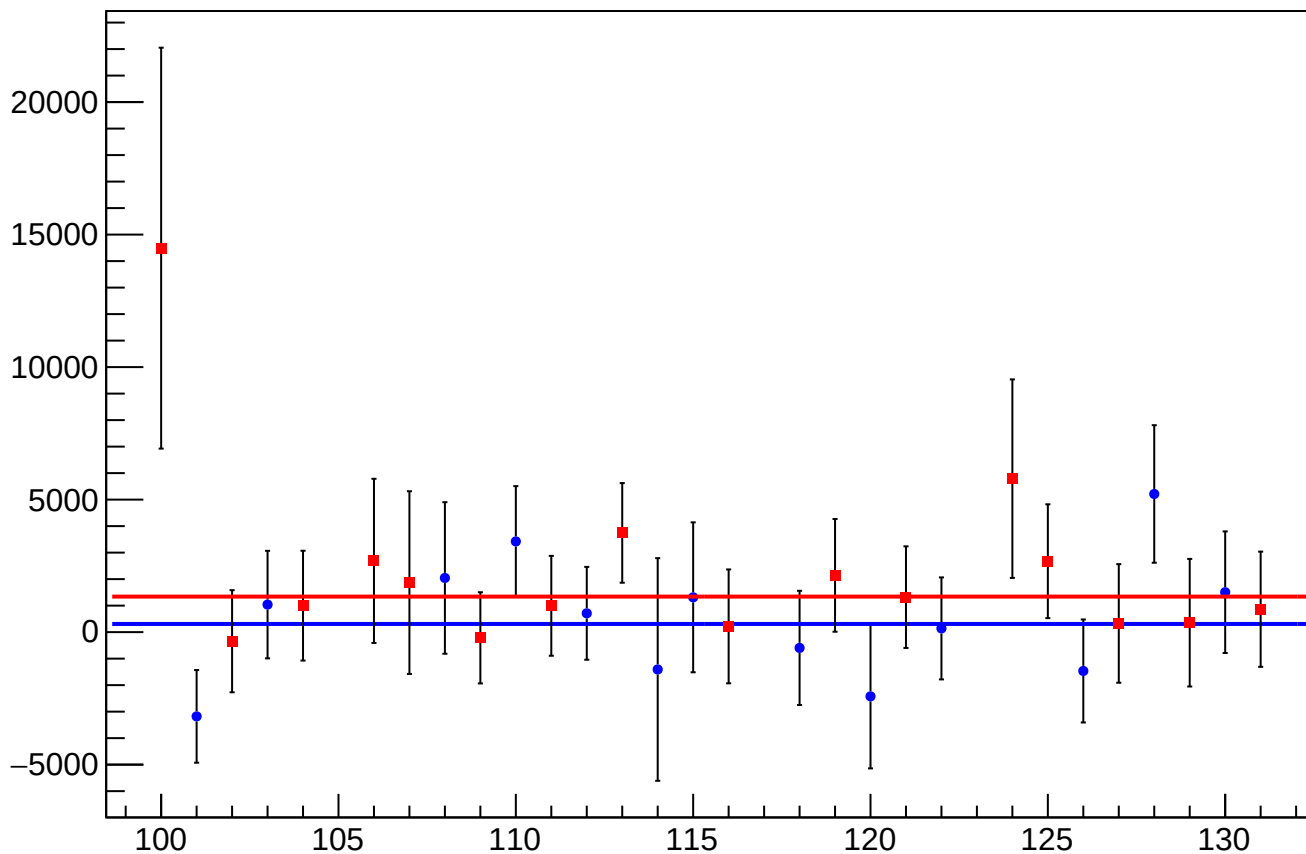
Right: 94.670+/-0.020 χ^2/NDF : 806010.2/28

In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.670+/-0.020 χ^2/NDF : 806010.2/28

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.591+/-559.670 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

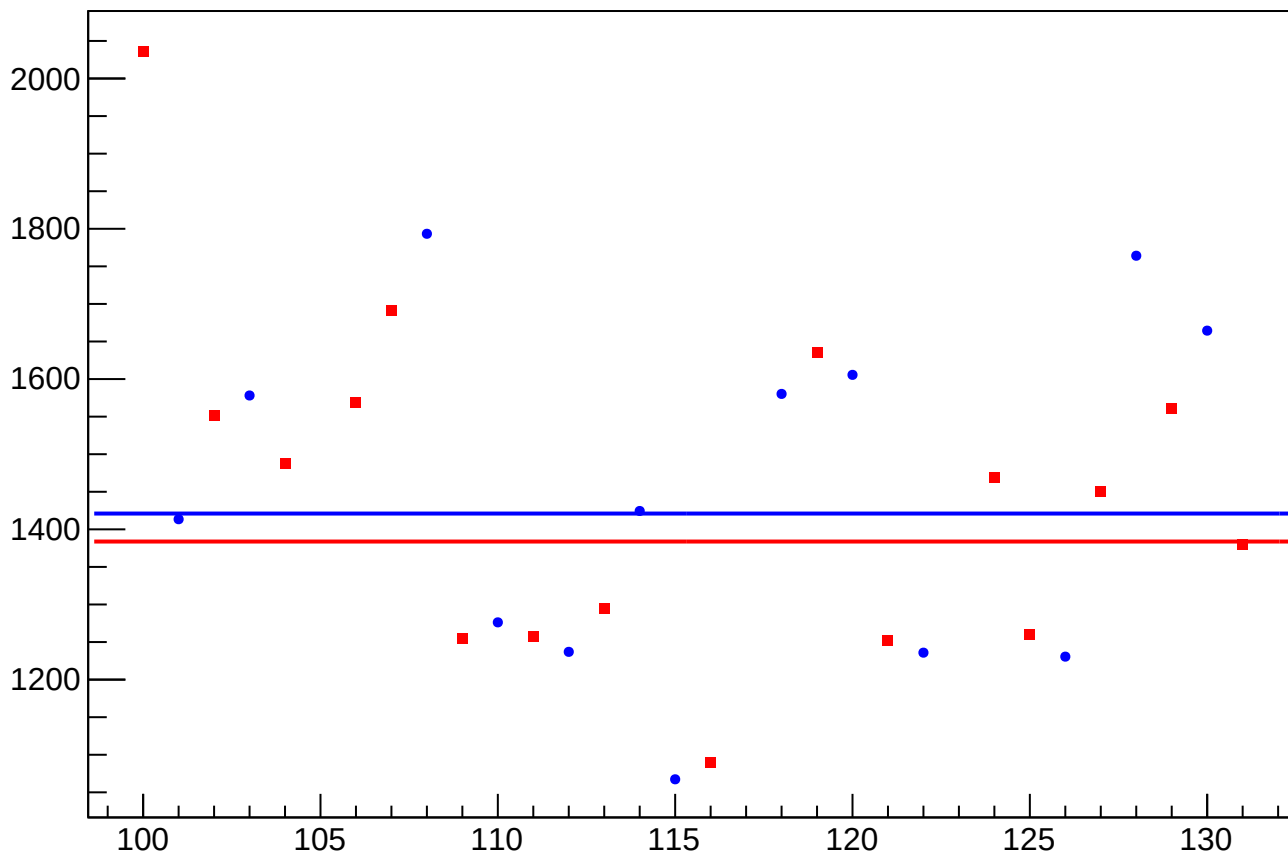
Right: 872.024+/-413.577 χ^2/NDF : 23.6/28

In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.024+/-413.577 χ^2/NDF : 23.6/28

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.773+/-0.396 χ^2/NDF : 177872.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

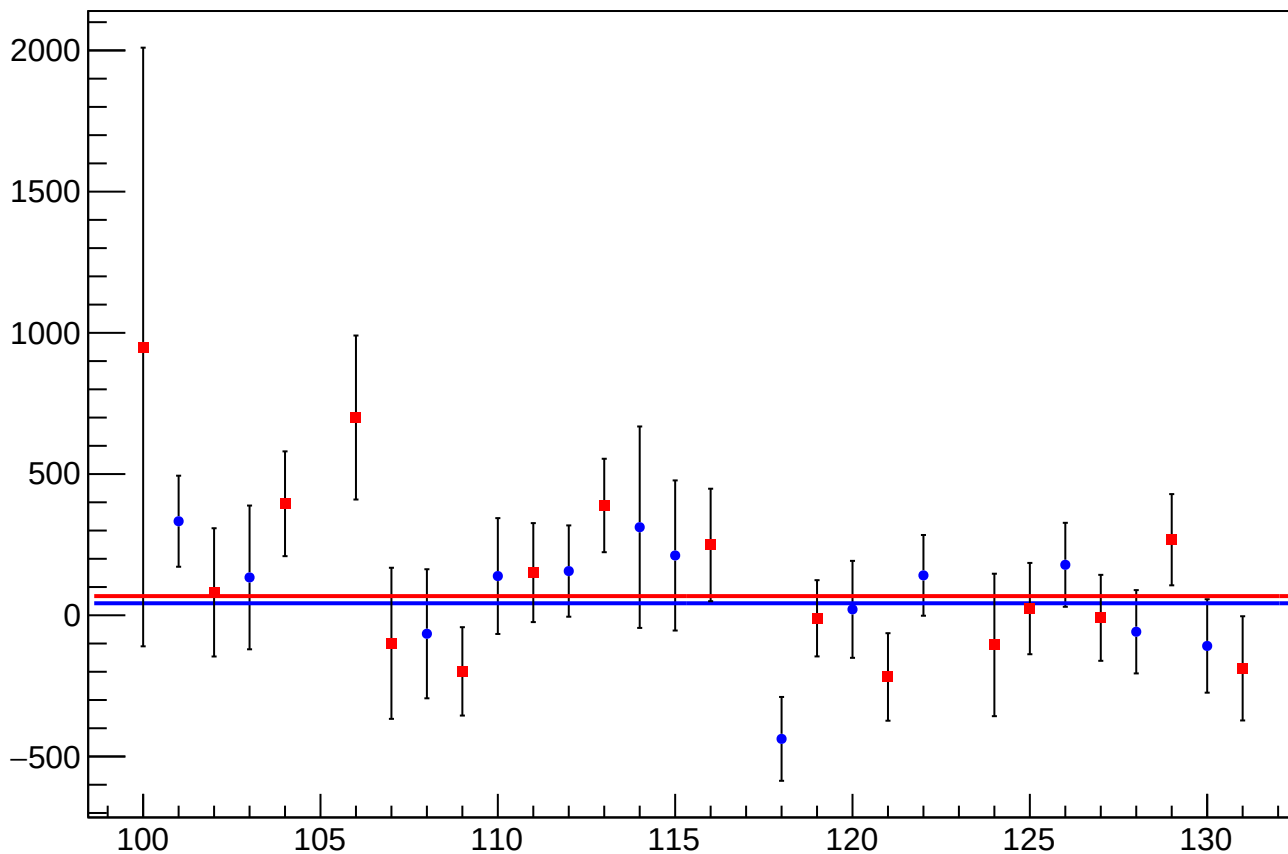
Right: 1400.682+/-0.292 χ^2/NDF : 406173.8/28

In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.682+/-0.292 χ^2/NDF : 406173.8/28

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 42.542 $\pm$ 49.197 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.890 $\pm$ 46.040 χ^2 /NDF: 24.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

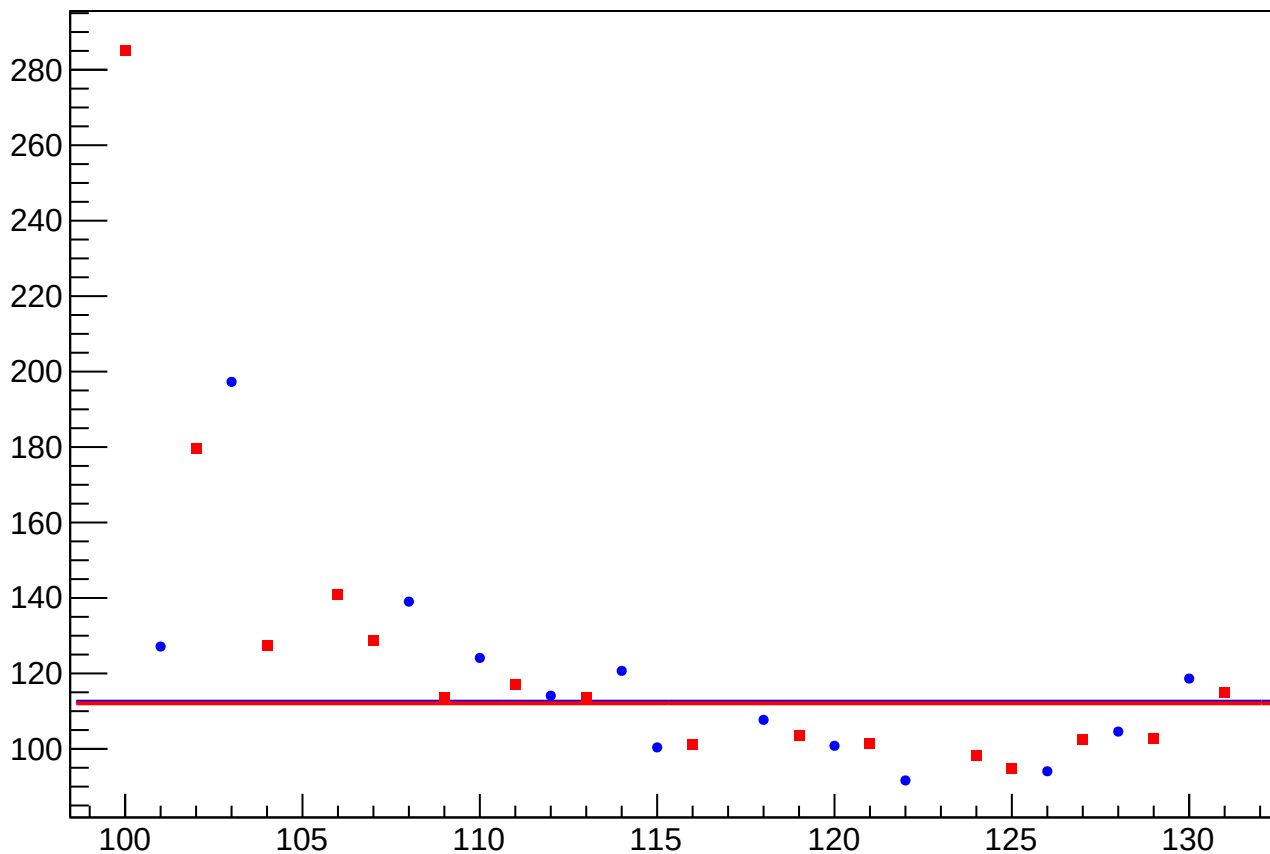
Right: 56.056 $\pm$ 33.616 χ^2 /NDF: 43.2/28

In: 42.542 $\pm$ 49.197 χ^2 /NDF:18.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.056 $\pm$ 33.616 χ^2 /NDF: 43.2/28

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.506+/-0.035 χ^2/NDF : 370401.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 112.089+/-0.033 χ^2/NDF : 341504.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

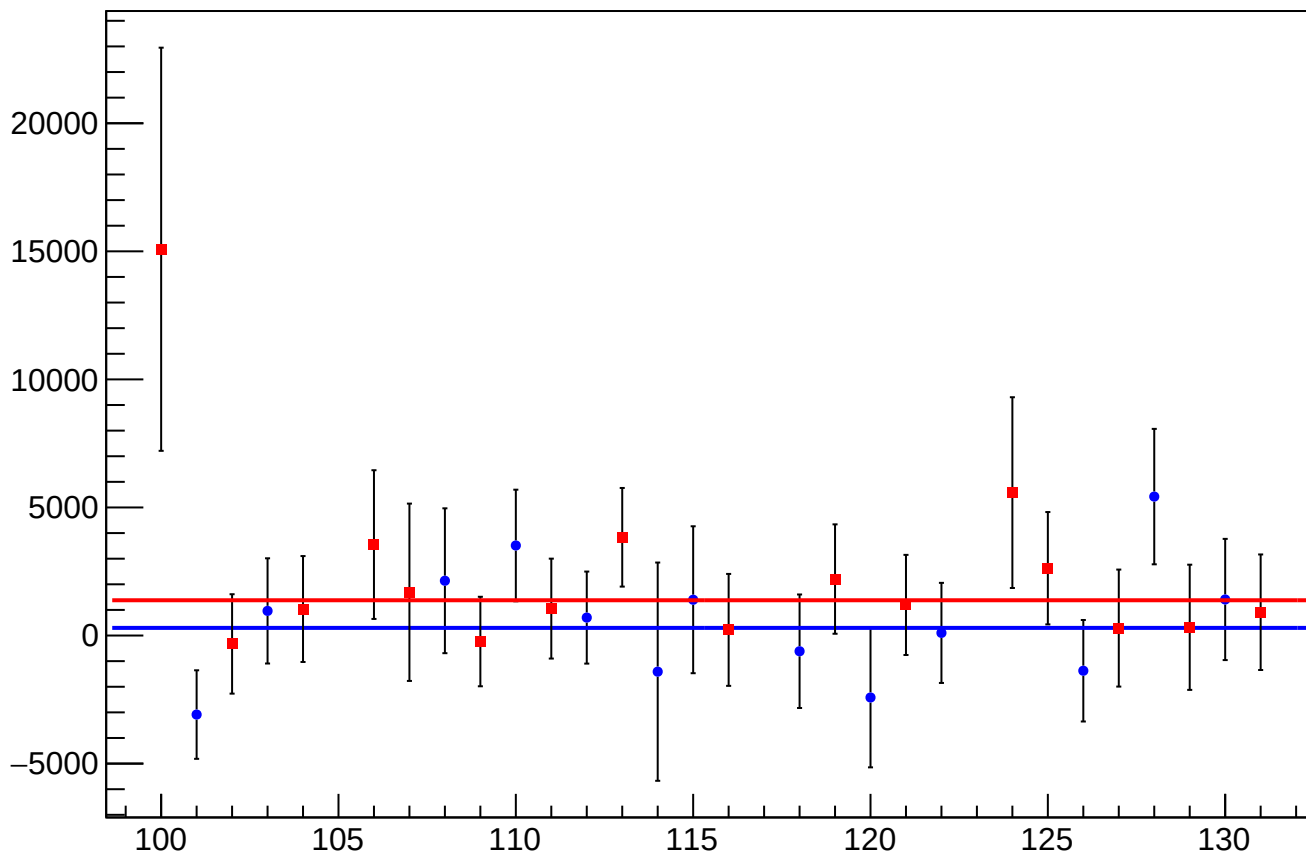
Right: 112.284+/-0.024 χ^2/NDF : 711982.2/28

In: 112.506+/-0.035 χ^2/NDF :370401.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.284+/-0.024 χ^2/NDF : 711982.2/28

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.248+/-623.751 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1377.054+/-567.583 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

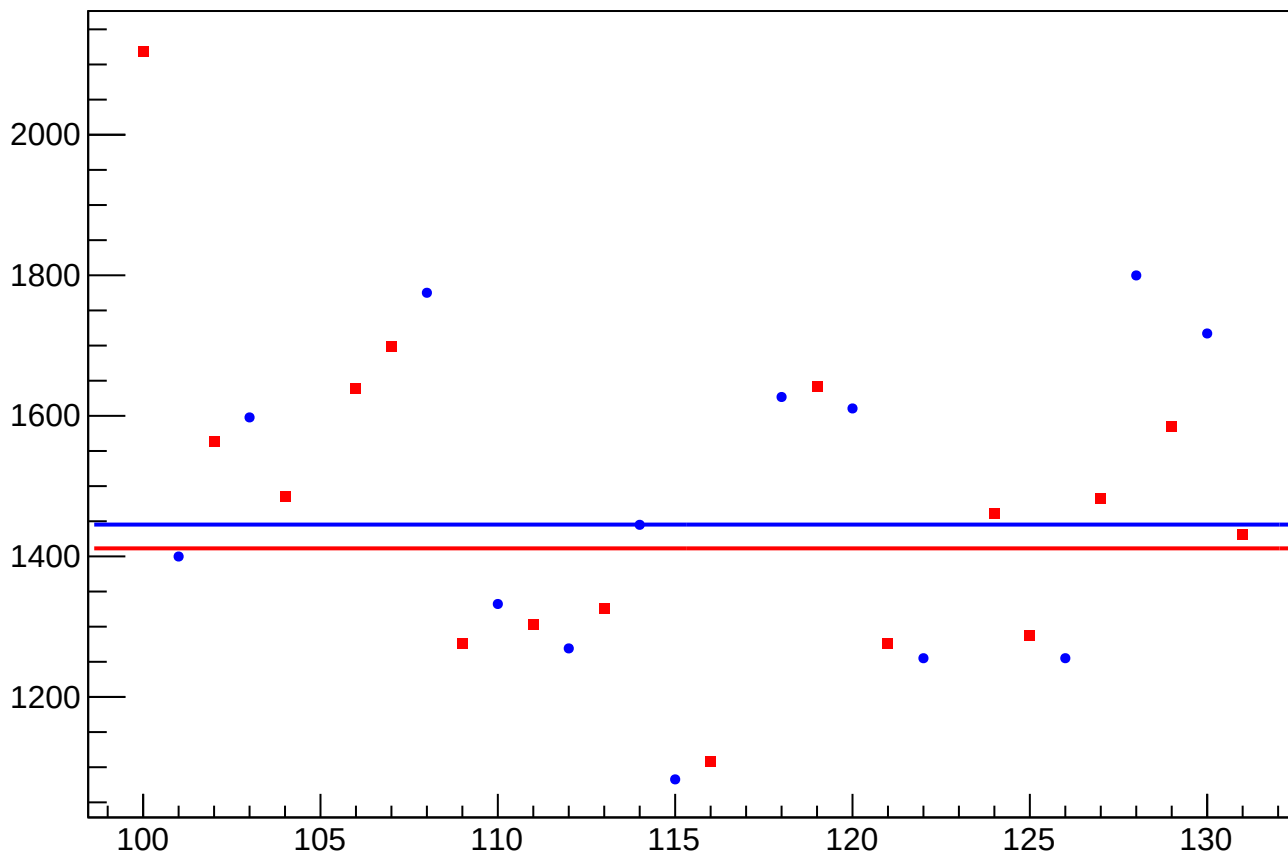
Right: 888.401+/-419.798 χ^2/NDF : 23.8/28

In: 298.248+/-623.751 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.401+/-419.798 χ^2/NDF : 23.8/28

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1445.273+/-0.441 χ^2/NDF : 216709.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.428+/-0.401 χ^2/NDF : 169218.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

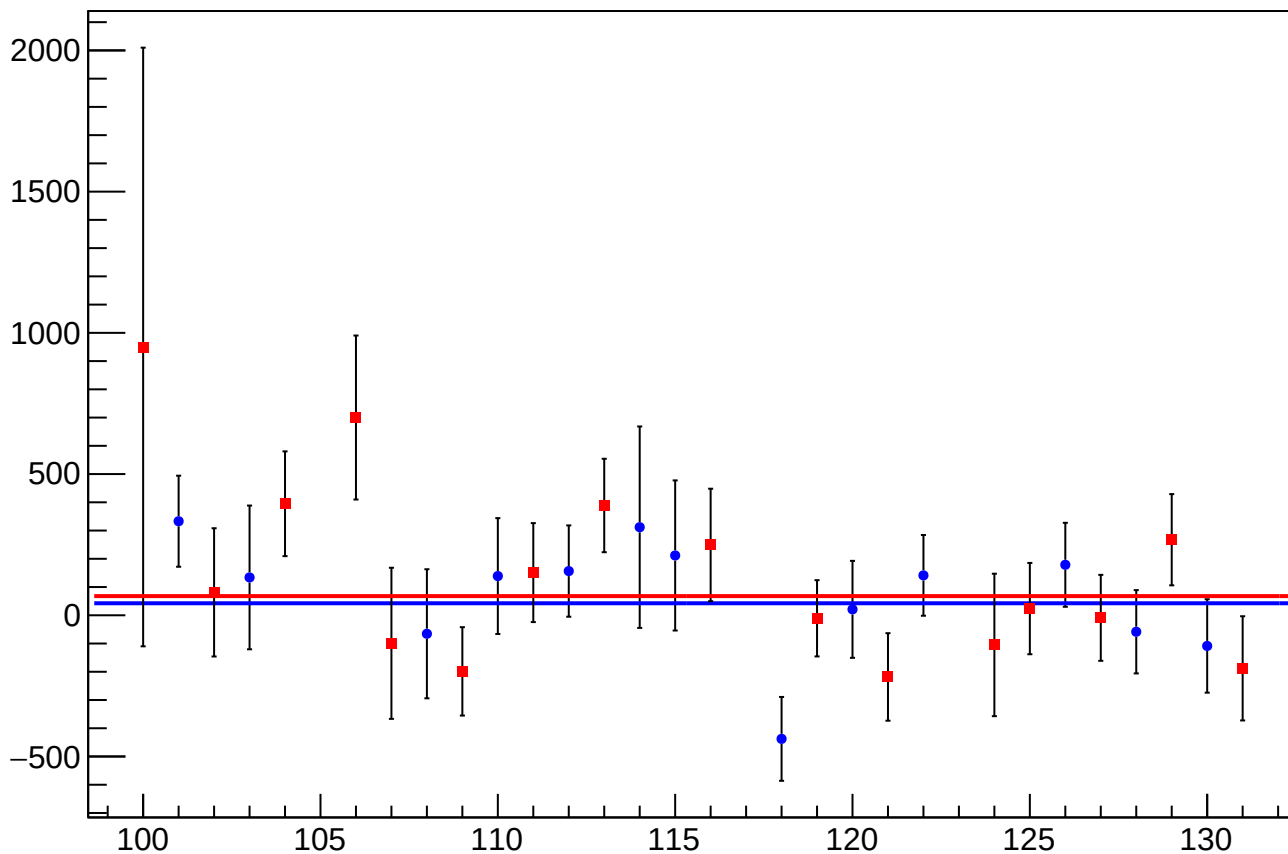
Right: 1426.758+/-0.297 χ^2/NDF : 389148.4/28

In: 1445.273+/-0.441 χ^2/NDF : 216709.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.758+/-0.297 χ^2/NDF : 389148.4/28

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 42.540 $\pm$ 49.197 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.888 $\pm$ 46.040 χ^2 /NDF: 24.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

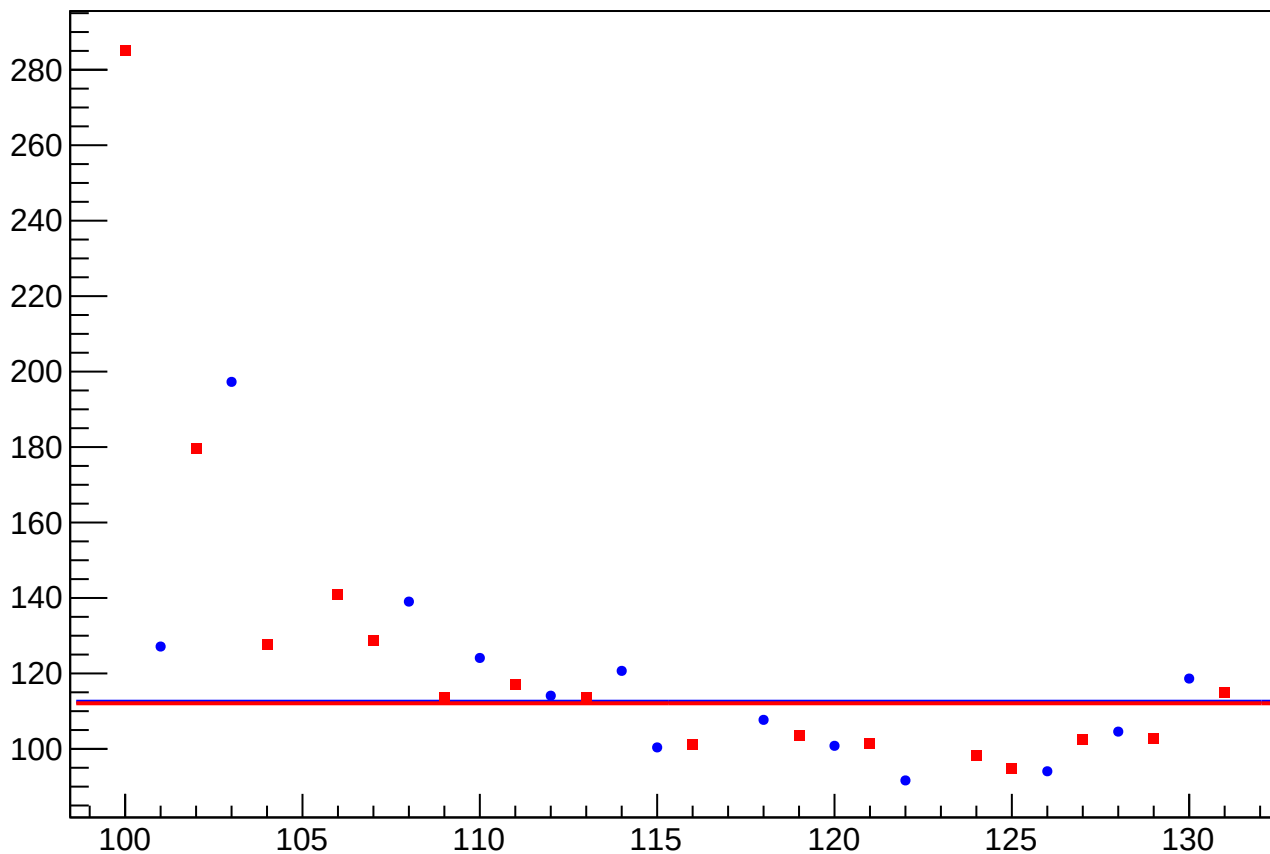
Right: 56.053 $\pm$ 33.616 χ^2 /NDF: 43.2/28

In: 42.540 $\pm$ 49.197 χ^2 /NDF:18.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.053 $\pm$ 33.616 χ^2 /NDF: 43.2/28

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.505 $\pm$ 0.035 χ^2 /NDF: 370396.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.089 $\pm$ 0.033 χ^2 /NDF: 341503.5/15

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

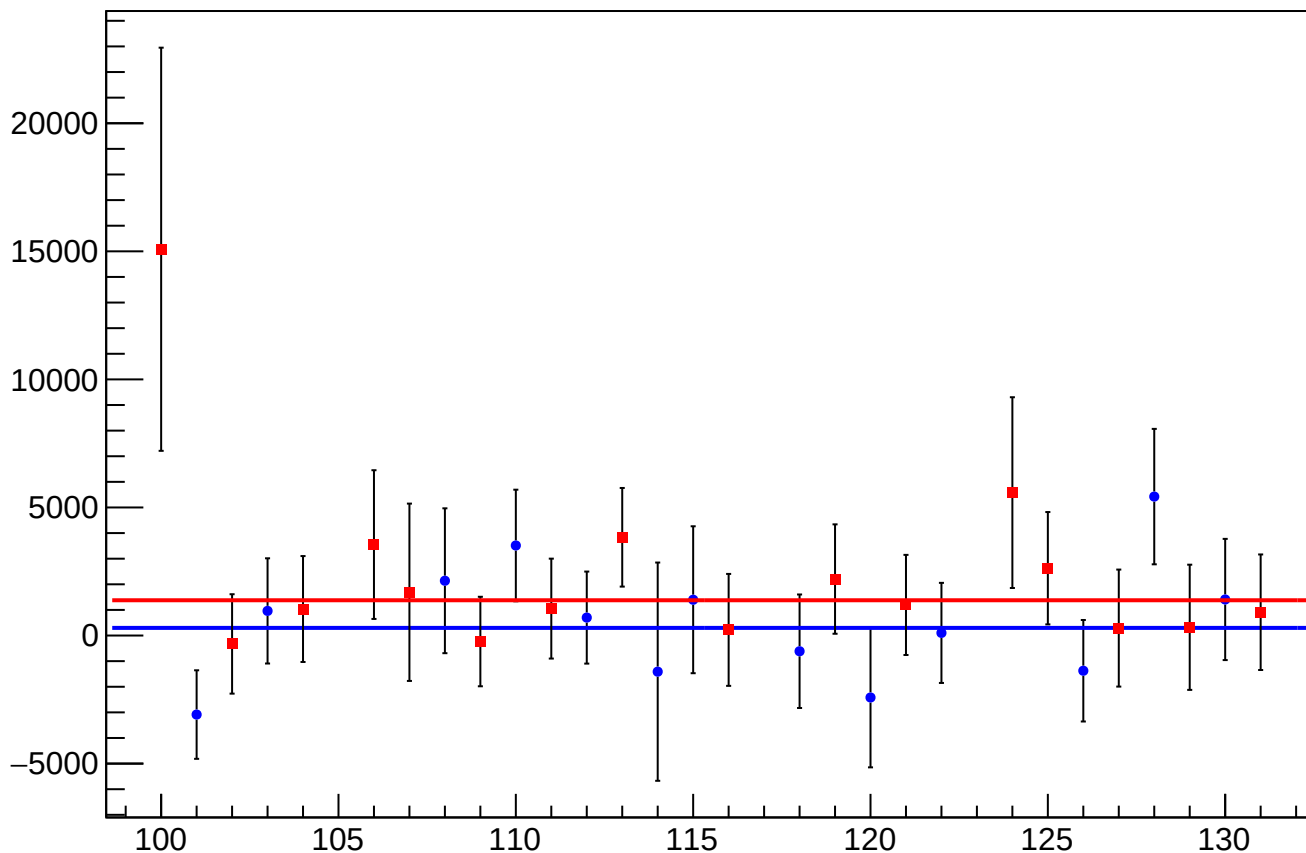
Right: 112.283 $\pm$ 0.024 χ^2 /NDF: 711976.3/28

In: 112.505 $\pm$ 0.035 χ^2 /NDF:370396.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.283 $\pm$ 0.024 χ^2 /NDF: 711976.3/28

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.251+/-623.750 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1377.051+/-567.582 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

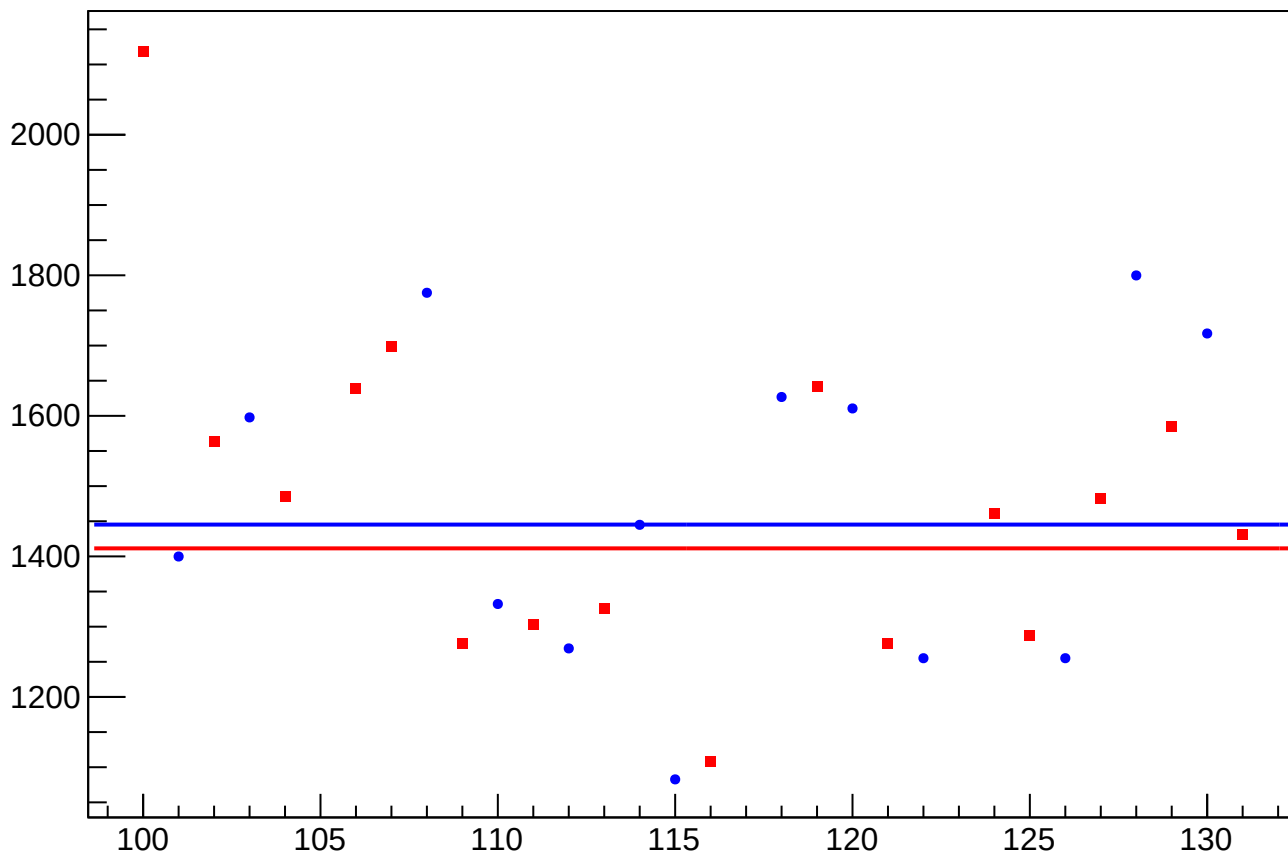
Right: 888.401+/-419.797 χ^2/NDF : 23.8/28

In: 298.251+/-623.750 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.401+/-419.797 χ^2/NDF : 23.8/28

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1445.269+/-0.441 χ^2/NDF : 216709.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.424+/-0.401 χ^2/NDF : 169218.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

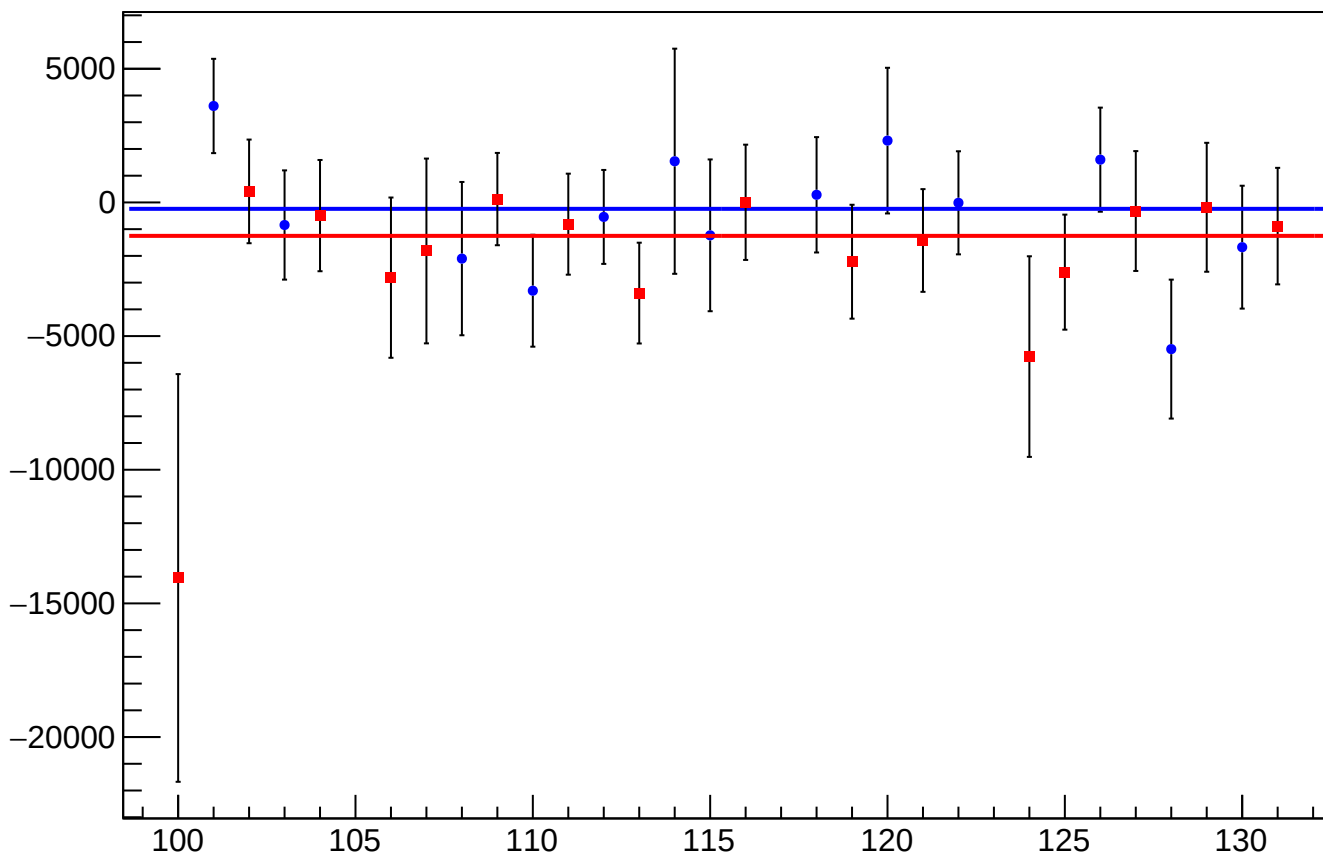
Right: 1426.755+/-0.297 χ^2/NDF : 389149.2/28

In: 1445.269+/-0.441 χ^2/NDF : 216709.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.755+/-0.297 χ^2/NDF : 389149.2/28

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -239.804 ± 616.110 χ^2/NDF : 14.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1250.828 ± 560.721 χ^2/NDF : 8.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

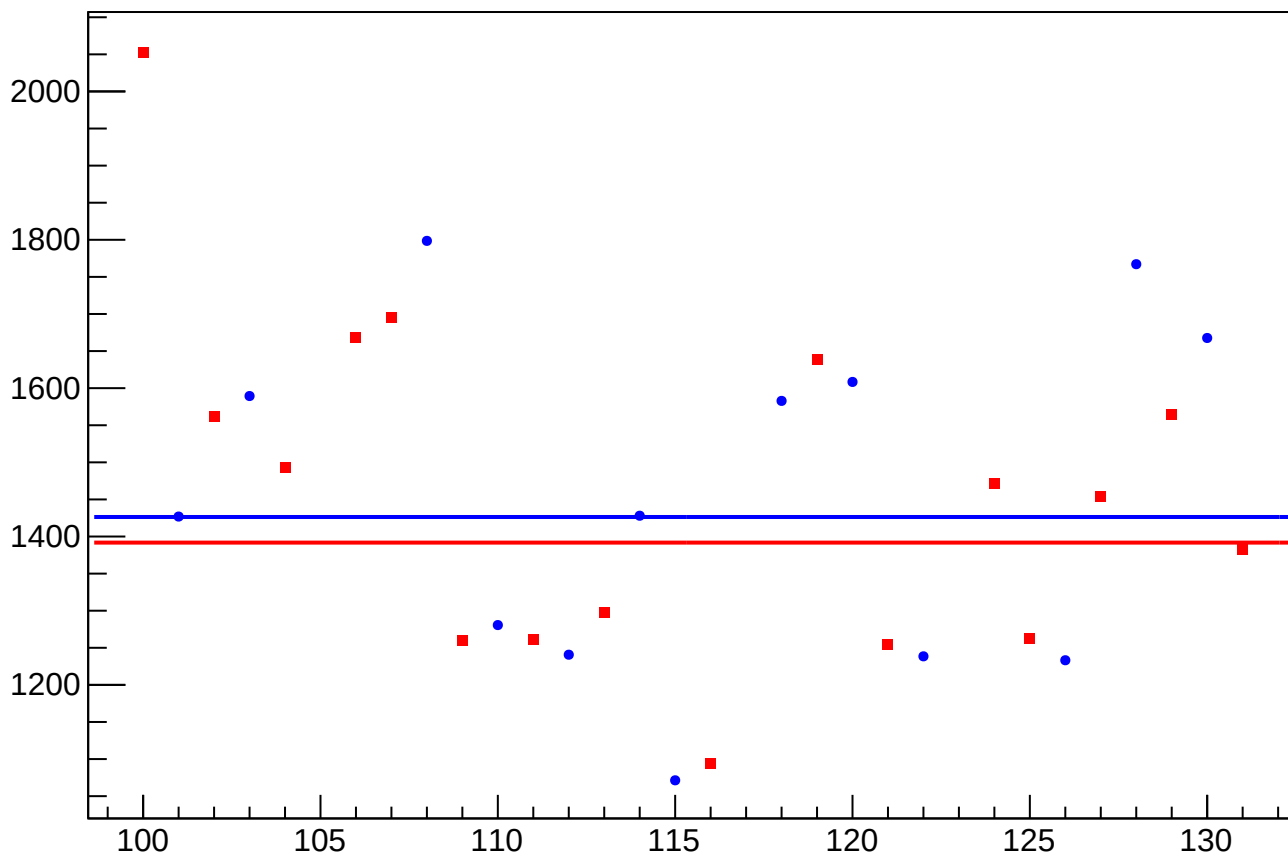
Right: -792.795 ± 414.692 χ^2/NDF : 24.3/28

In: -239.804 ± 616.110 χ^2/NDF : 14.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -792.795 ± 414.692 χ^2/NDF : 24.3/28

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1426.334+/-0.436 χ^2/NDF : 224252.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.808+/-0.396 χ^2/NDF : 188805.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

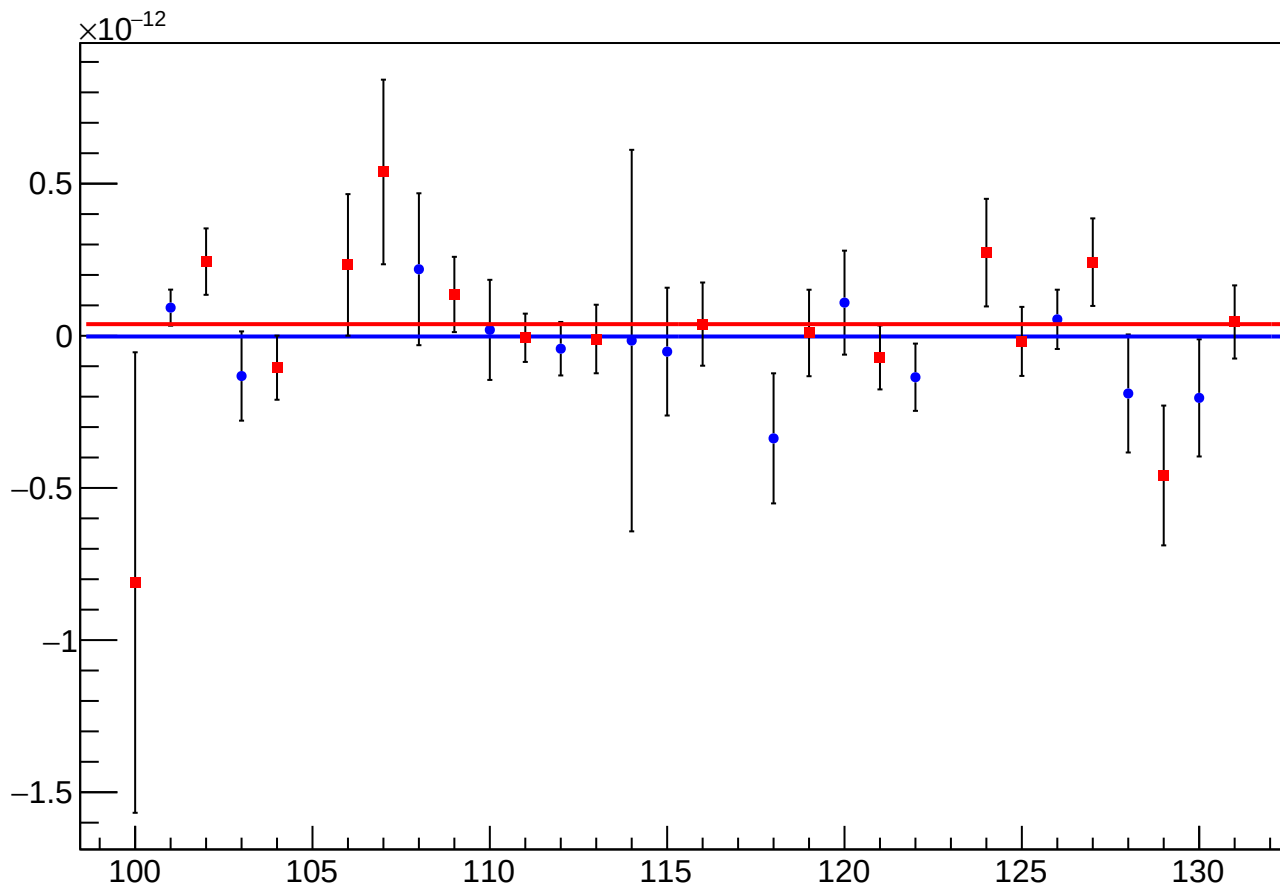
Right: 1407.450+/-0.293 χ^2/NDF : 416493.6/28

In: 1426.334+/-0.436 χ^2/NDF : 224252.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.450+/-0.293 χ^2/NDF : 416493.6/28

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

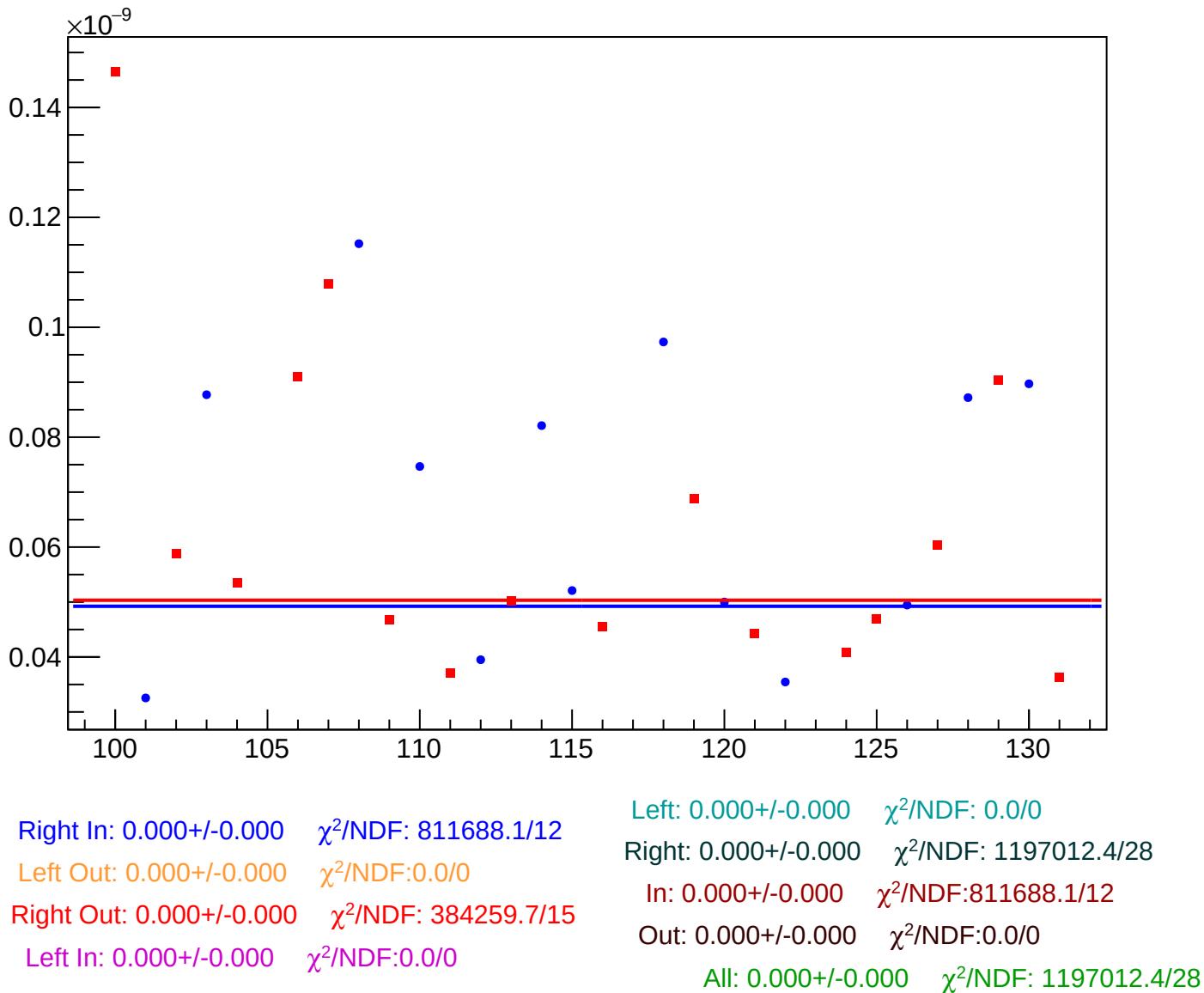
Right: 0.000+/-0.000 χ^2/NDF : 32.9/28

In: -0.000+/-0.000 χ^2/NDF : 11.1/12

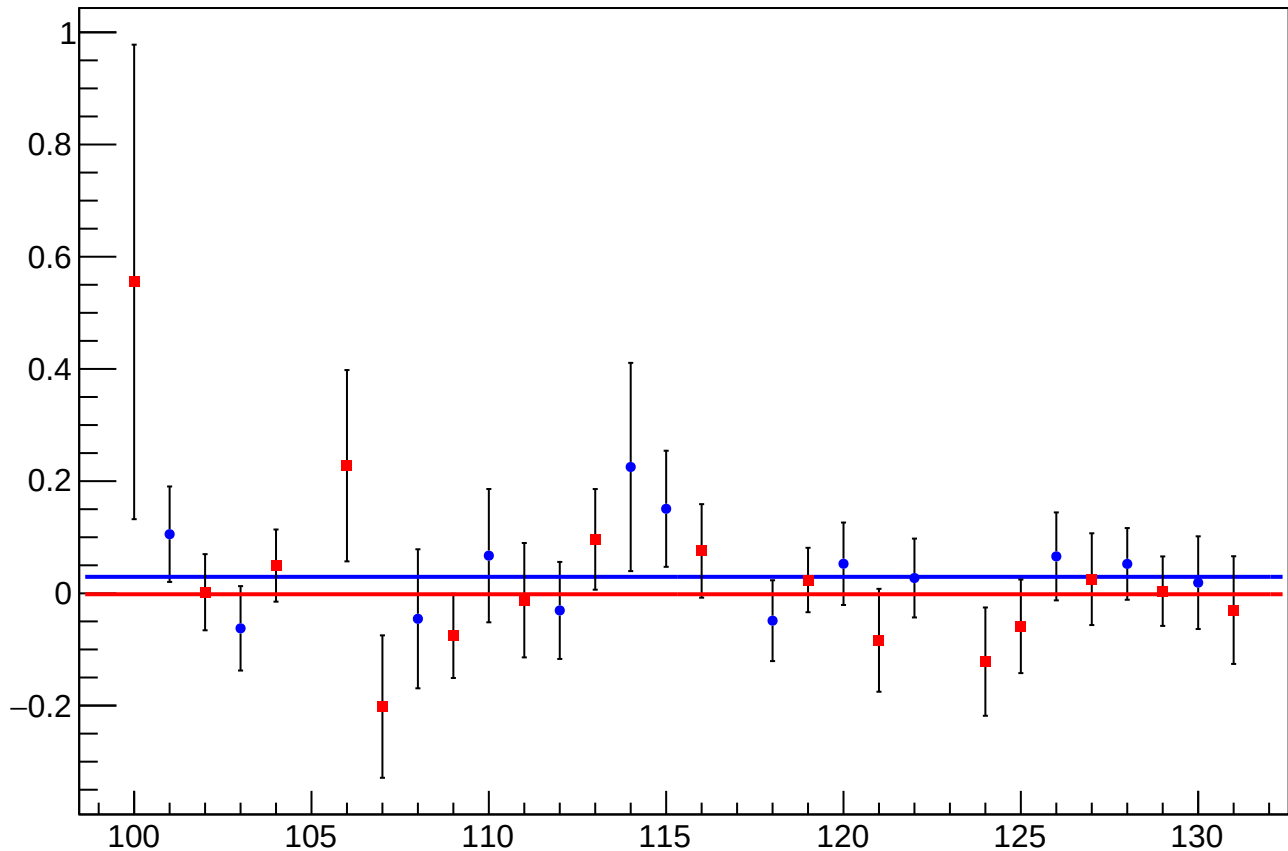
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.9/28

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.021 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

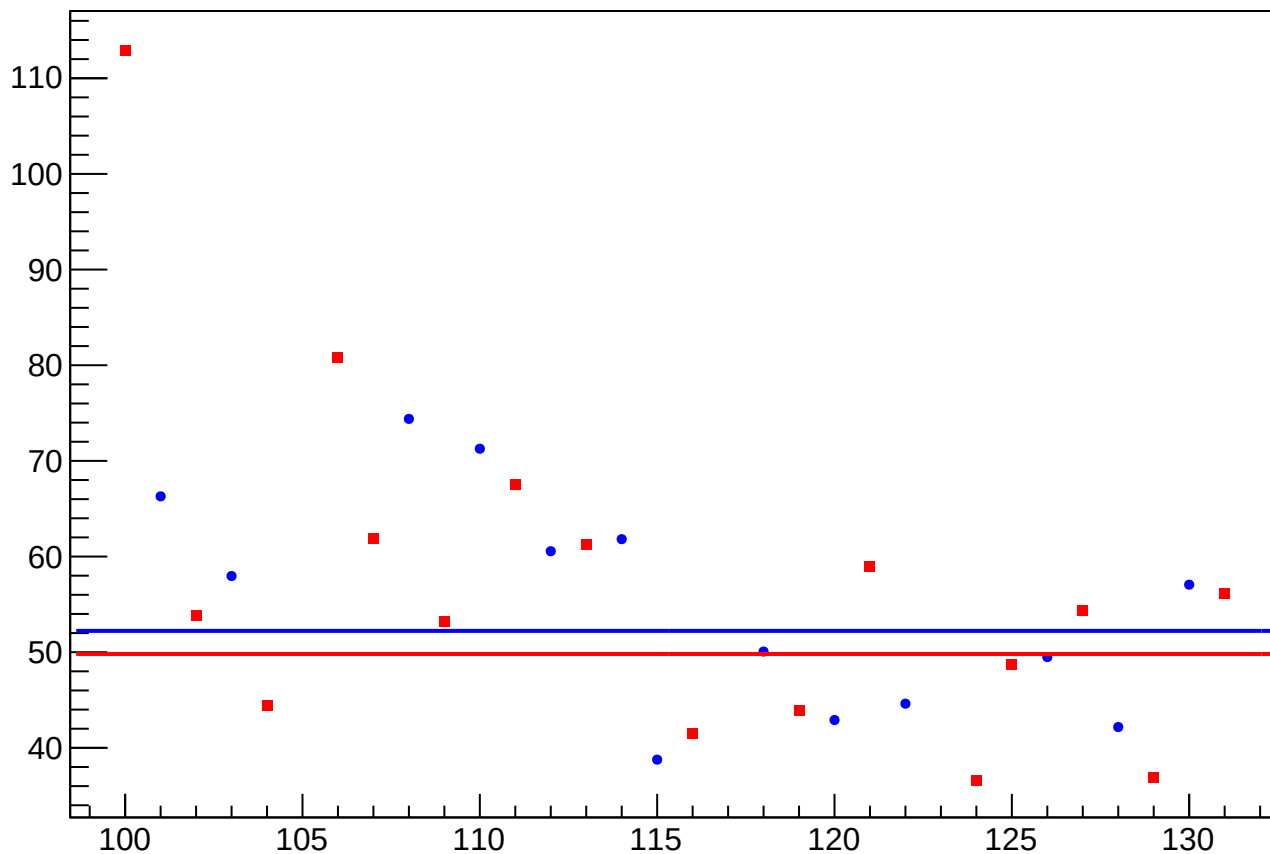
Right: 0.012+/-0.016 χ^2/NDF : 21.3/28

In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 21.3/28

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.815+/-0.015 χ^2/NDF : 447970.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

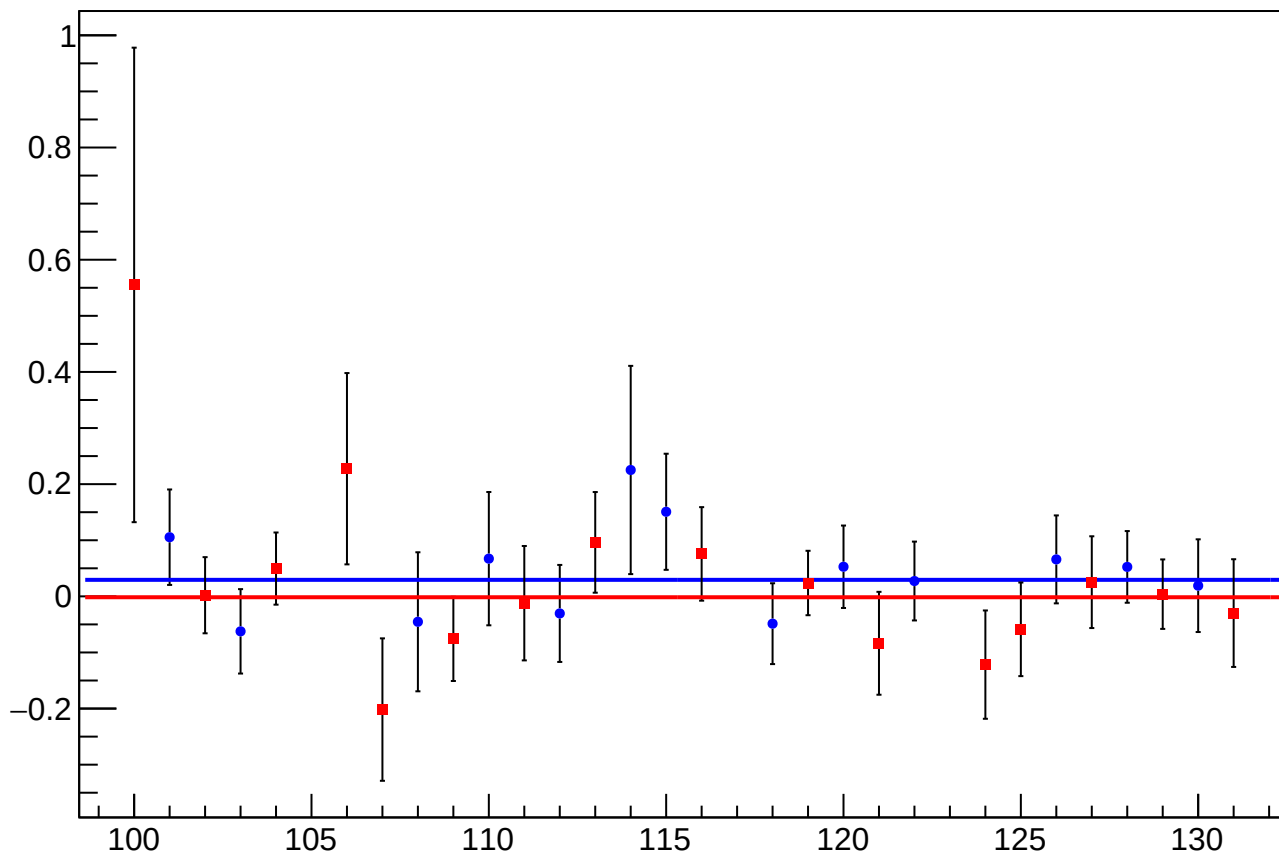
Right: 50.889+/-0.011 χ^2/NDF : 815471.7/28

In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.889+/-0.011 χ^2/NDF : 815471.7/28

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.023 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.021 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

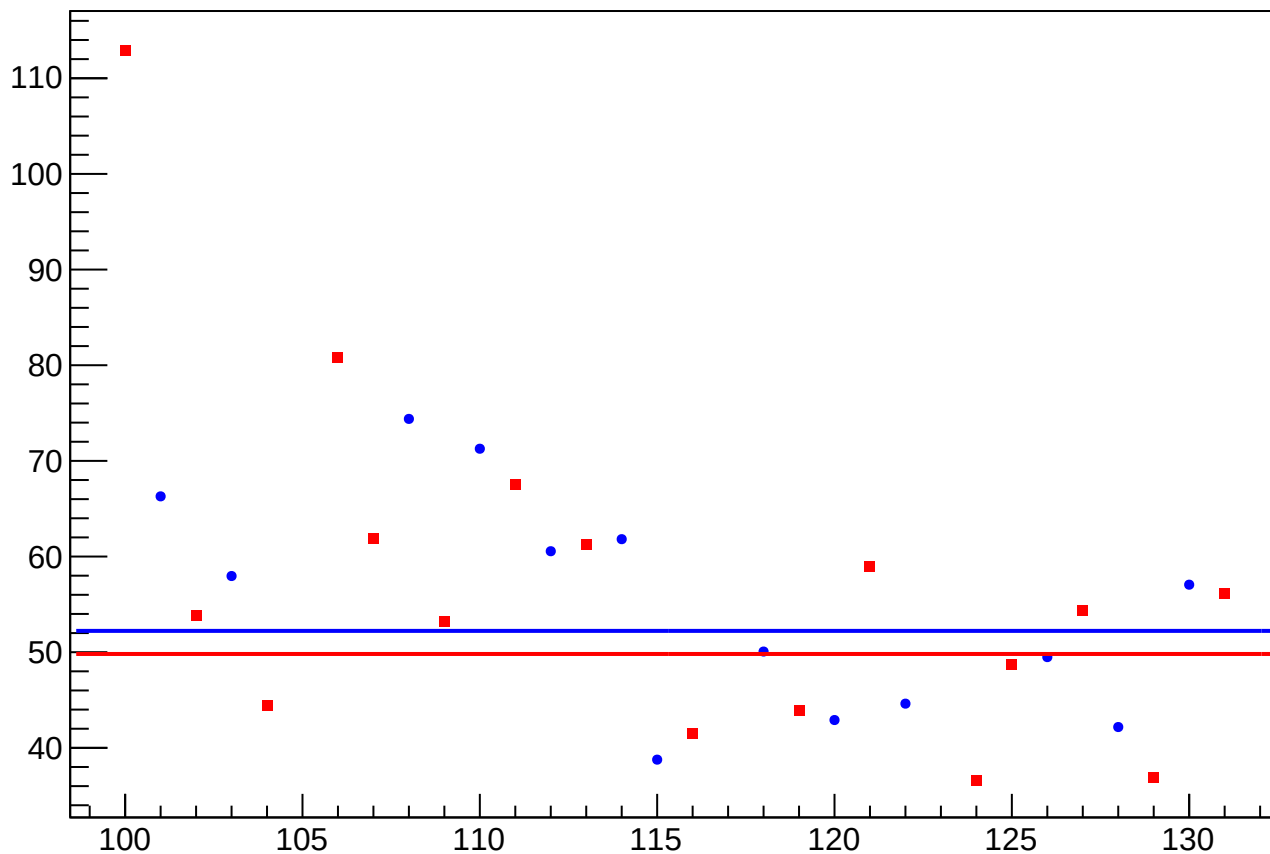
Right: 0.012 $\pm$ 0.016 χ^2 /NDF: 21.3/28

In: 0.029 $\pm$ 0.023 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.016 χ^2 /NDF: 21.3/28

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.815+/-0.015 χ^2/NDF : 447970.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

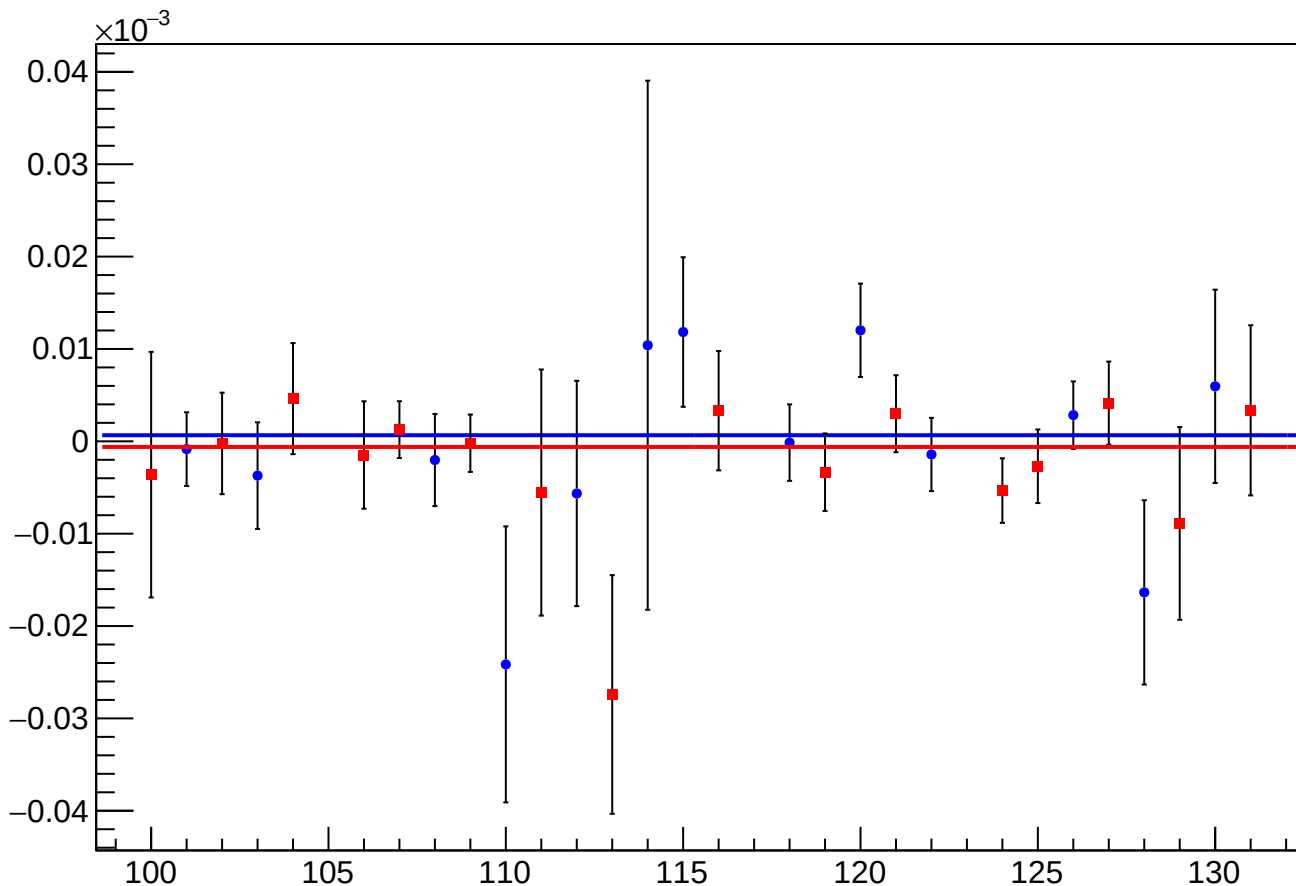
Right: 50.889+/-0.011 χ^2/NDF : 815471.7/28

In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.889+/-0.011 χ^2/NDF : 815471.7/28

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

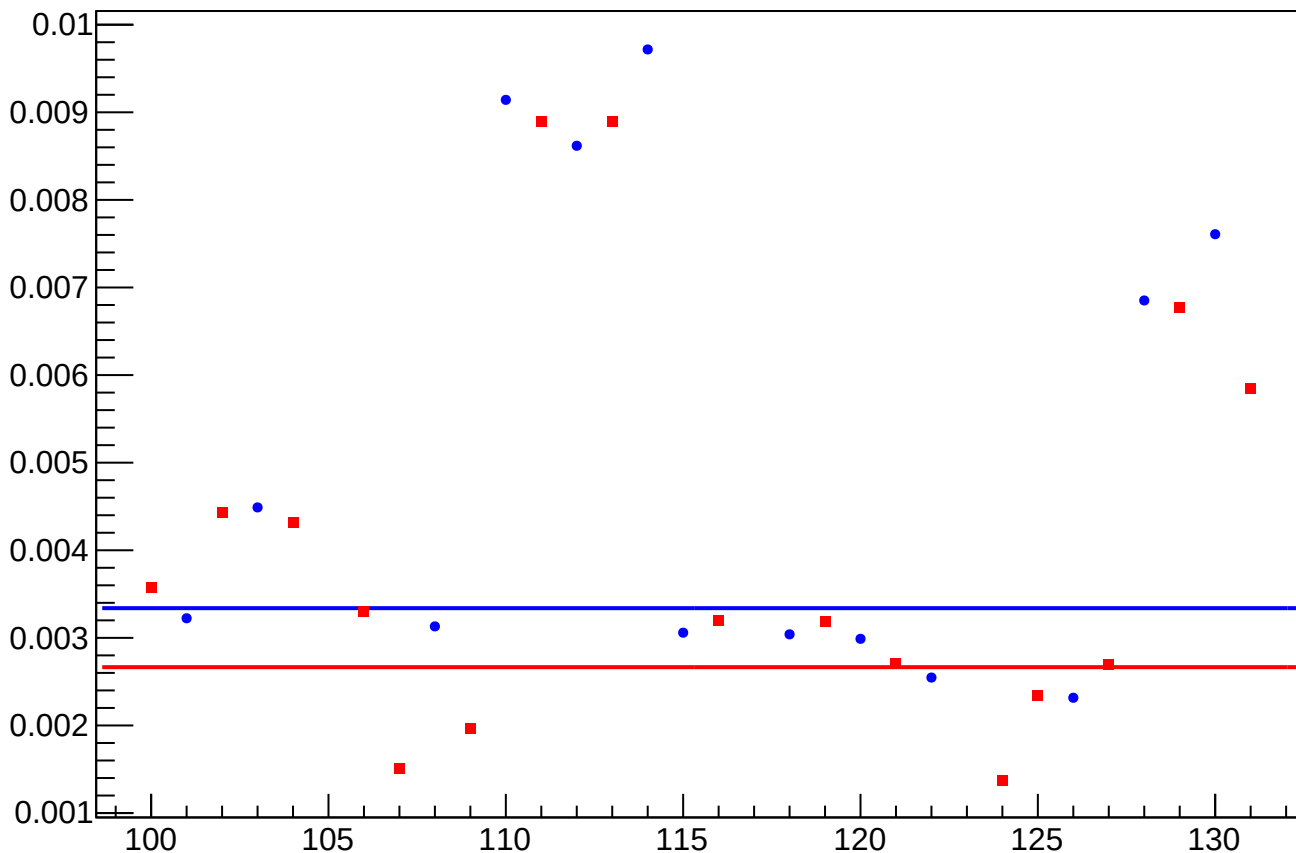
Right: -0.000+/-0.000 χ^2/NDF : 26.6/28

In: 0.000+/-0.000 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.6/28

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1699736.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2560402.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

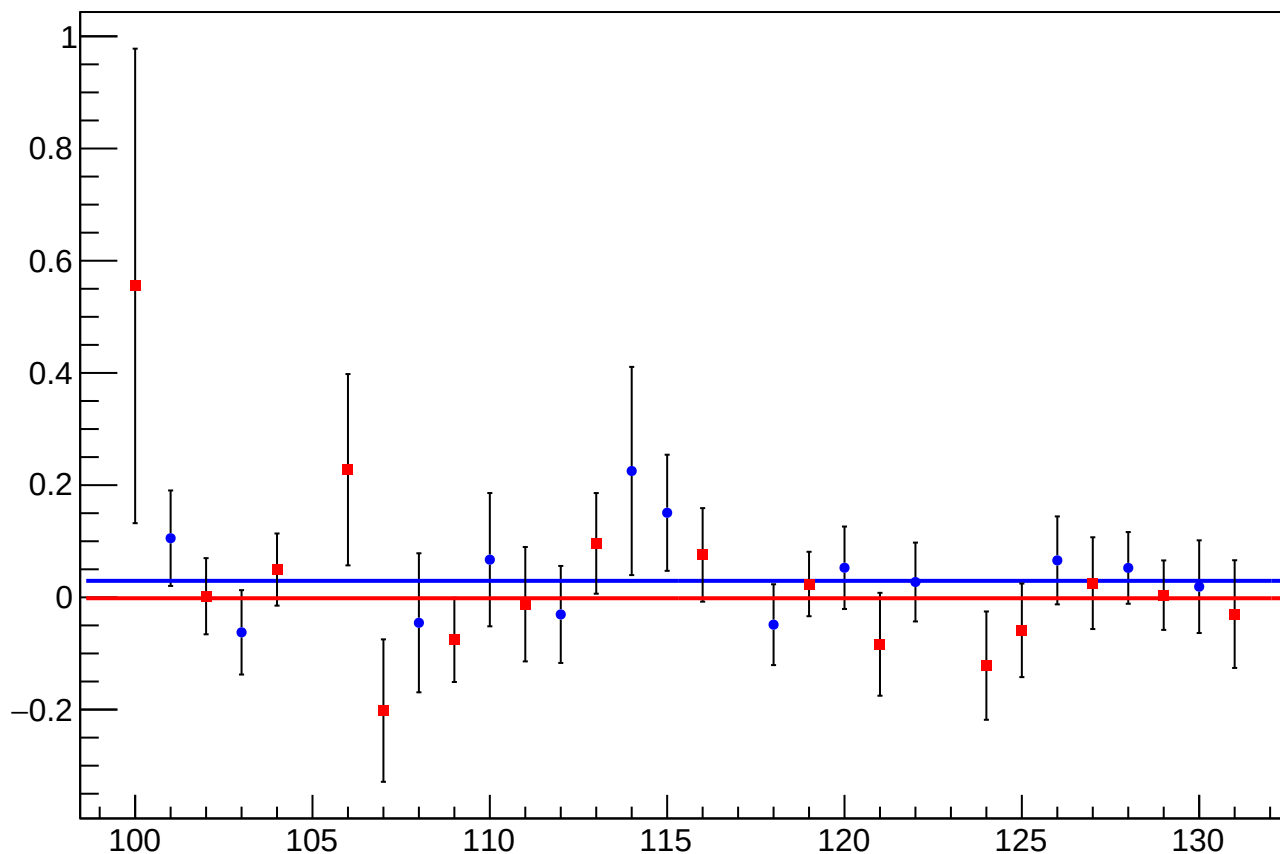
Right: 0.003+/-0.000 χ^2/NDF : 4493125.7/28

In: 0.003+/-0.000 χ^2/NDF :1699736.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4493125.7/28

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.023 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.021 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

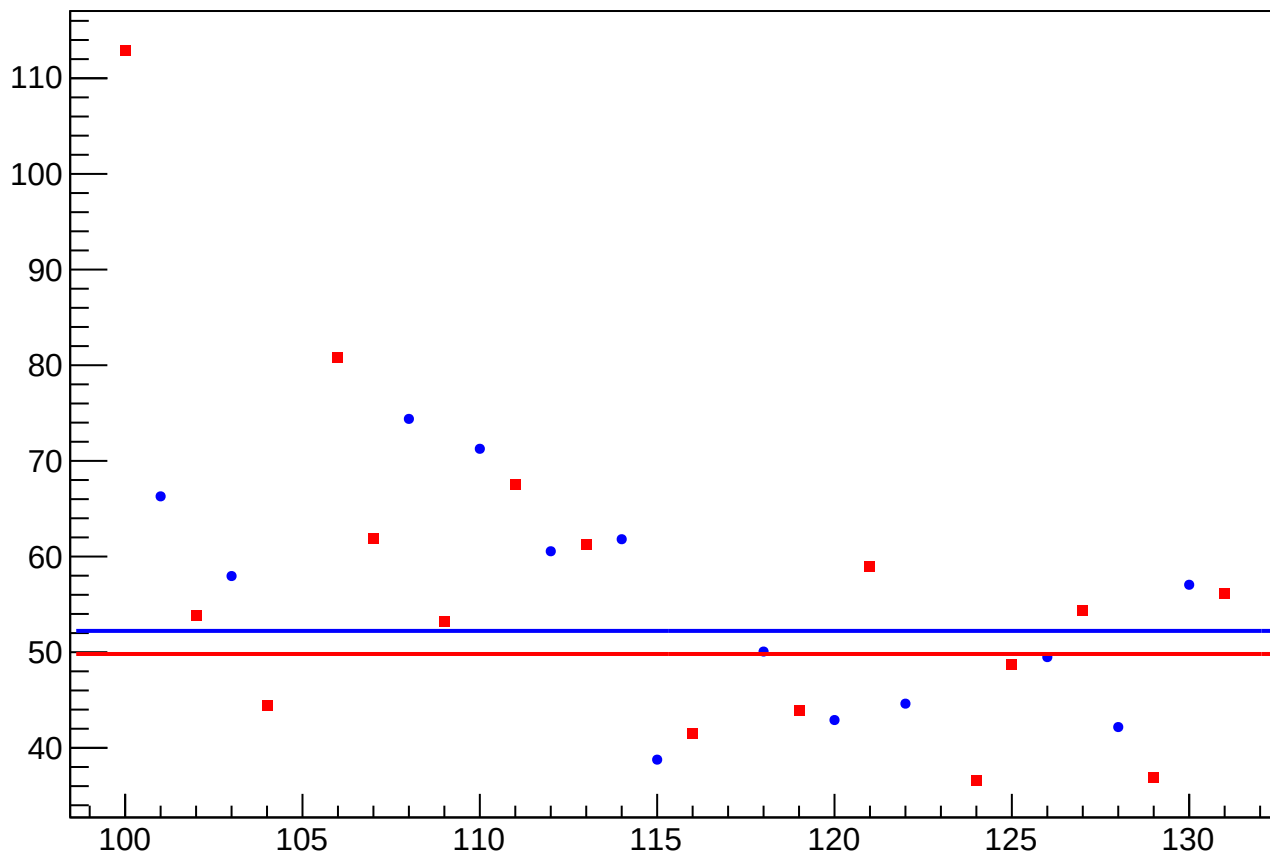
Right: 0.012 $\pm$ 0.016 χ^2 /NDF: 21.3/28

In: 0.029 $\pm$ 0.023 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.016 χ^2 /NDF: 21.3/28

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.227+/-0.016 χ^2/NDF : 355559.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.814+/-0.015 χ^2/NDF : 447965.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

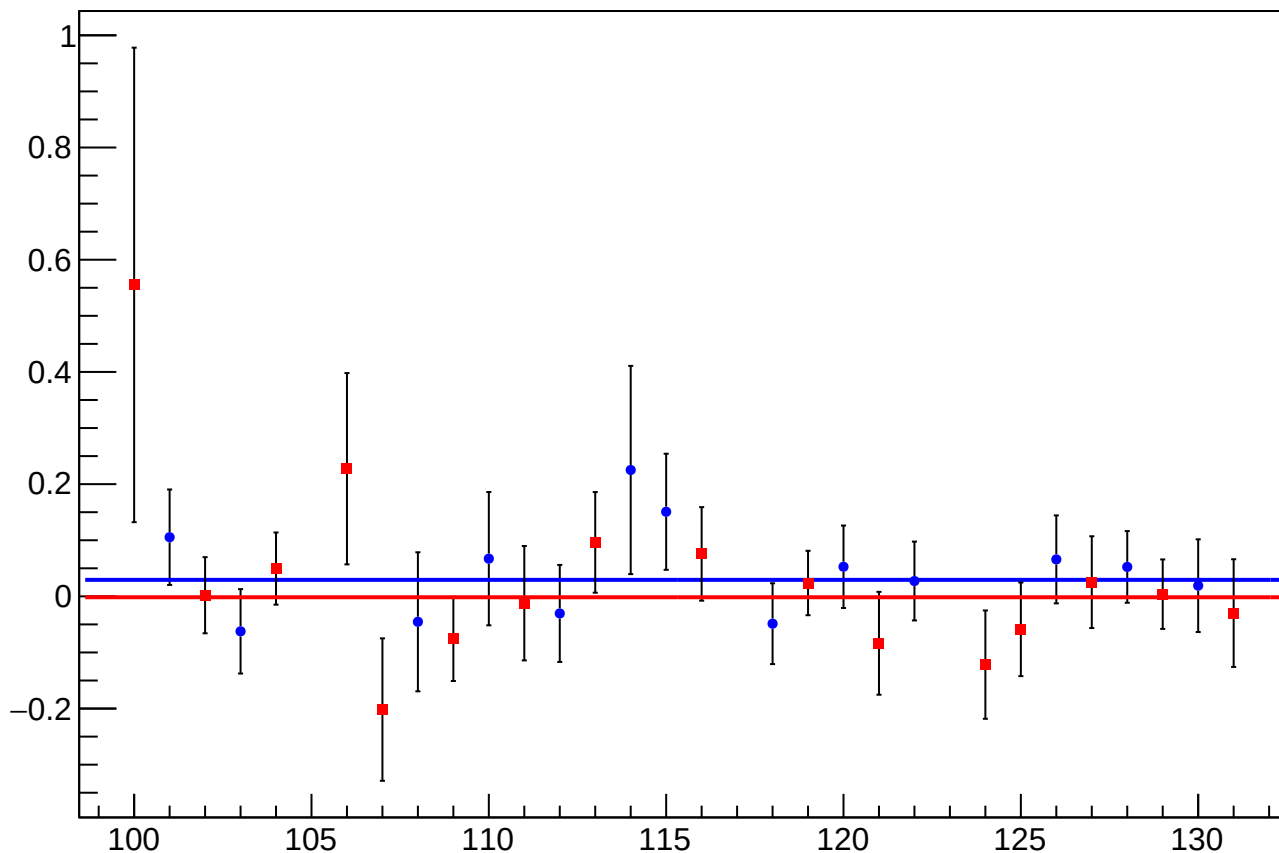
Right: 50.888+/-0.011 χ^2/NDF : 815428.6/28

In: 52.227+/-0.016 χ^2/NDF : 355559.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.888+/-0.011 χ^2/NDF : 815428.6/28

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.023 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.021 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

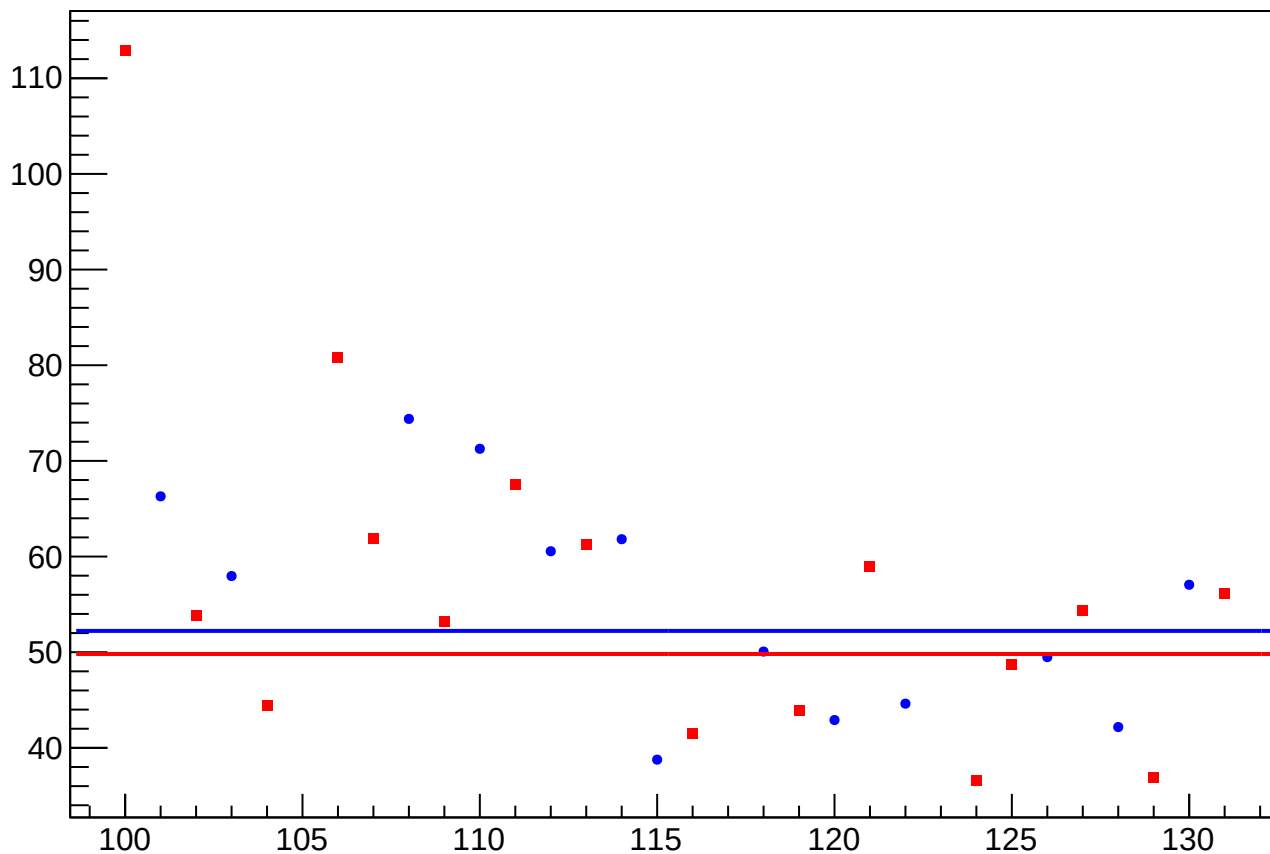
Right: 0.012 $\pm$ 0.016 χ^2 /NDF: 21.3/28

In: 0.029 $\pm$ 0.023 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.016 χ^2 /NDF: 21.3/28

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.227 $\pm$ 0.016 χ^2 /NDF: 355559.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.814 $\pm$ 0.015 χ^2 /NDF: 447965.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

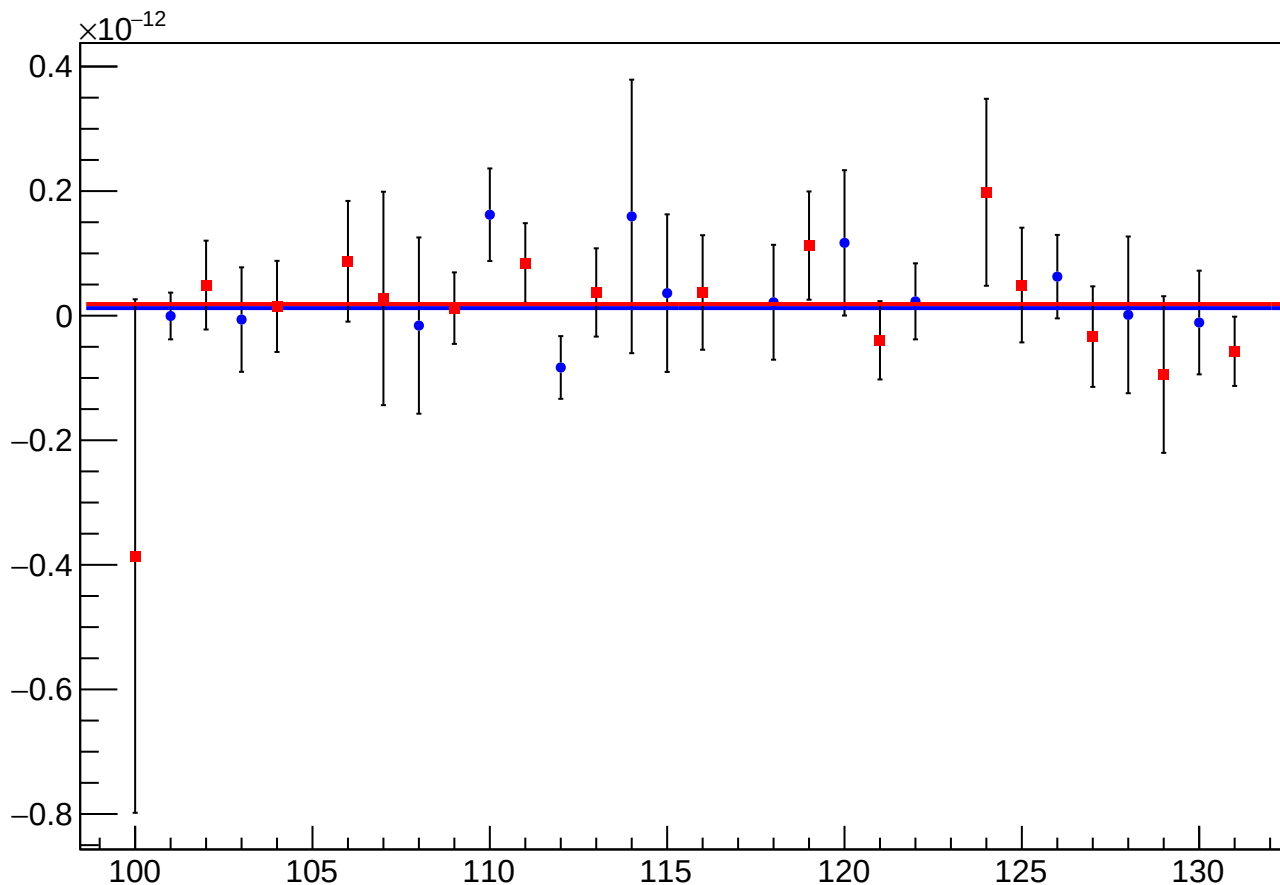
Right: 50.888 $\pm$ 0.011 χ^2 /NDF: 815428.6/28

In: 52.227 $\pm$ 0.016 χ^2 /NDF:355559.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.888 $\pm$ 0.011 χ^2 /NDF: 815428.6/28

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

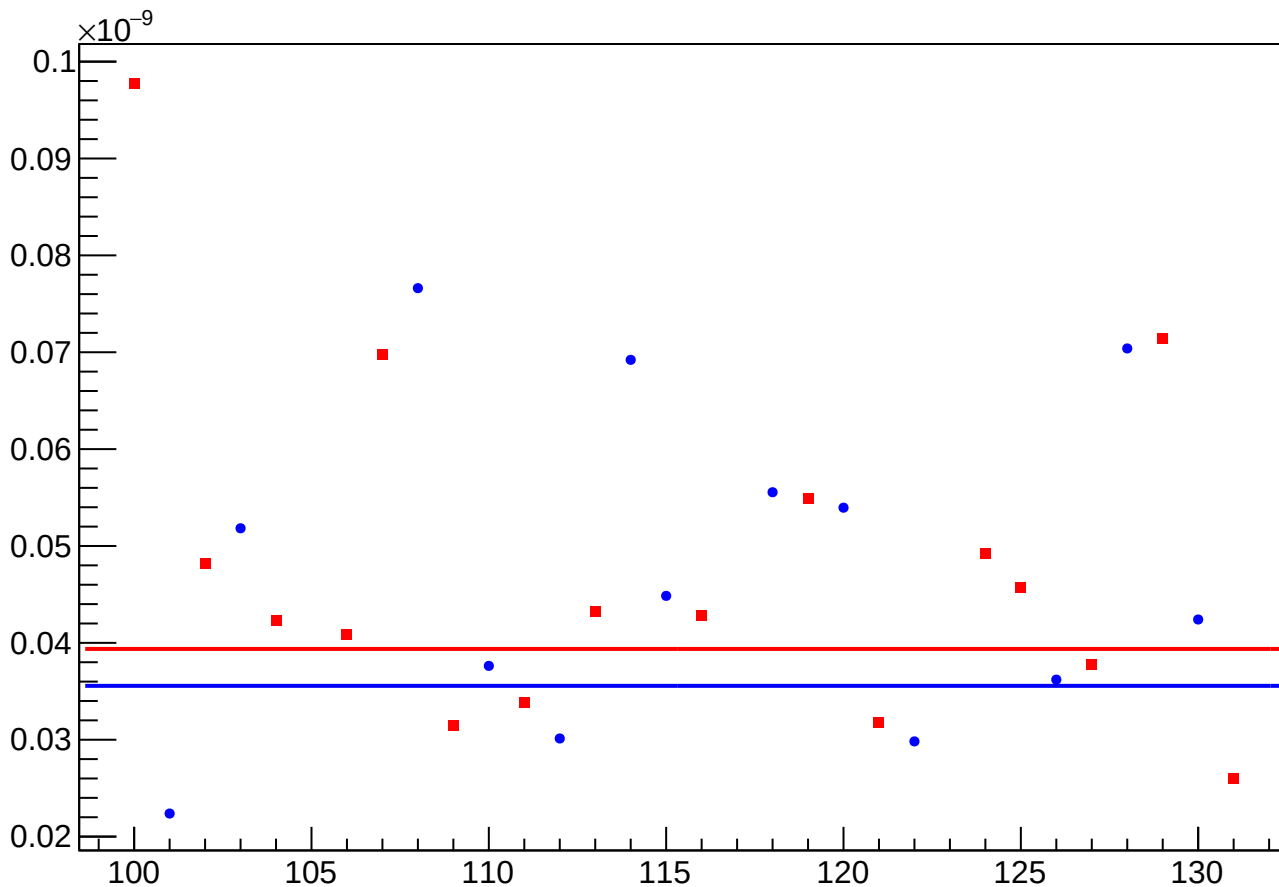
Right: 0.000+/-0.000 χ^2/NDF : 19.4/28

In: 0.000+/-0.000 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.4/28

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 901422.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 556666.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

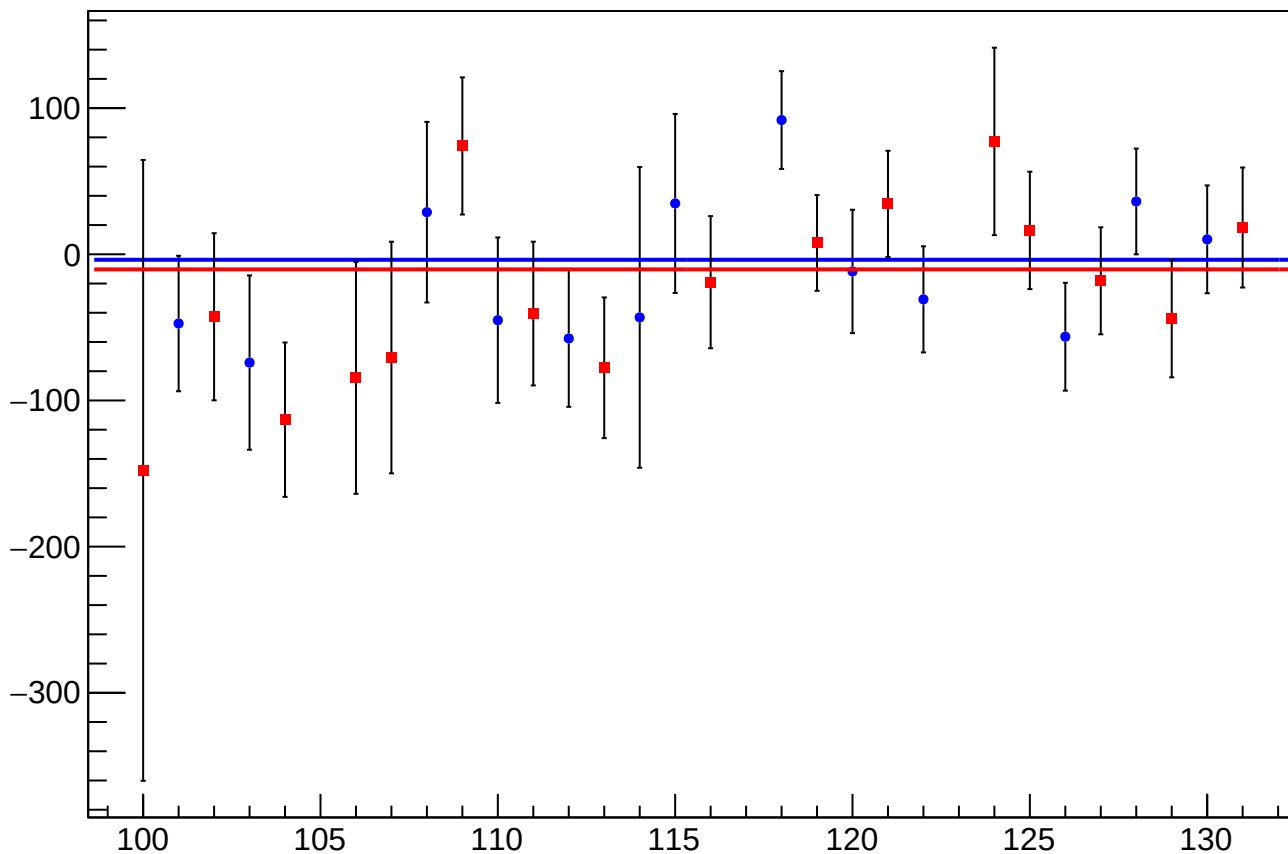
Right: 0.000+/-0.000 χ^2/NDF : 1493940.0/28

In: 0.000+/-0.000 χ^2/NDF : 901422.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1493940.0/28

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.745 ± 12.322 χ^2/NDF : 17.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.329 ± 11.697 χ^2/NDF : 17.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

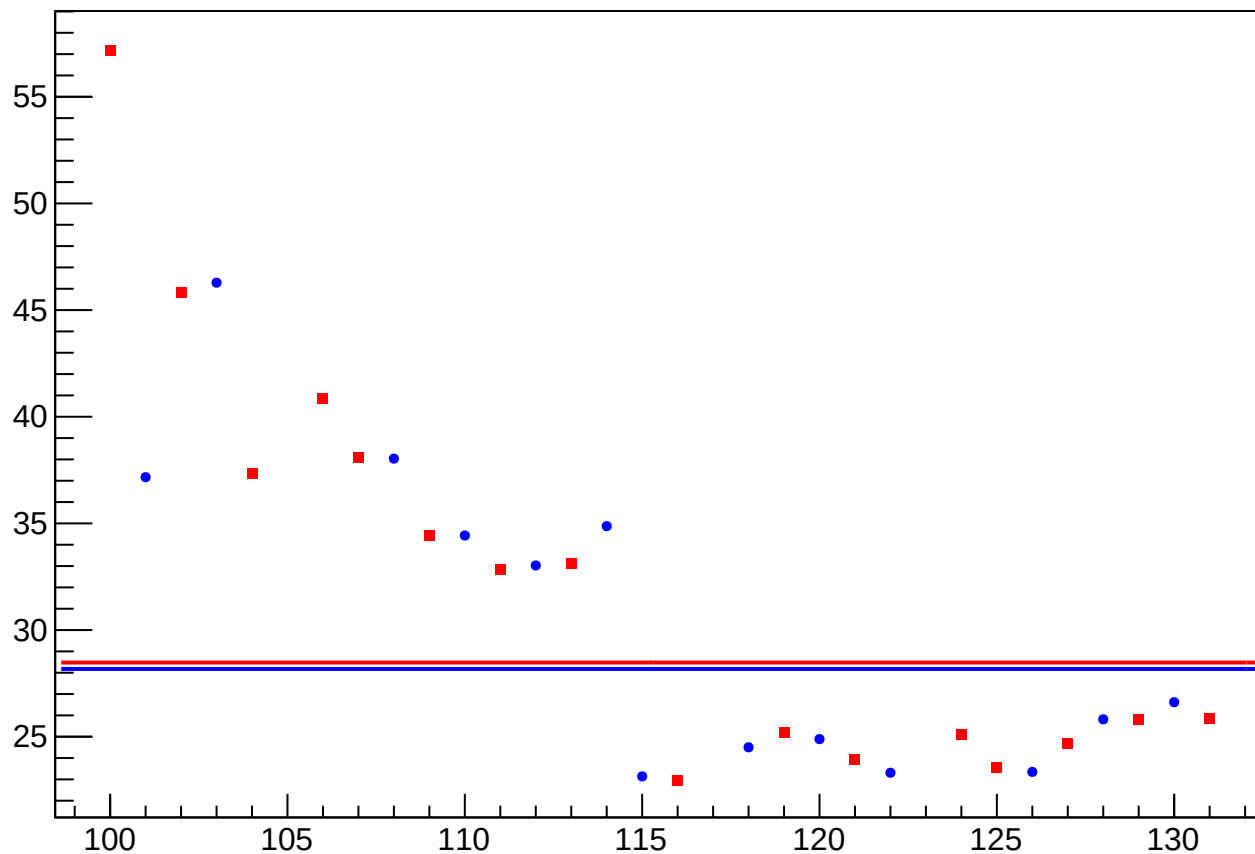
Right: -7.208 ± 8.483 χ^2/NDF : 34.2/28

In: -3.745 ± 12.322 χ^2/NDF : 17.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.208 ± 8.483 χ^2/NDF : 34.2/28

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.177+/-0.009 χ^2/NDF : 497107.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.478+/-0.008 χ^2/NDF : 577004.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

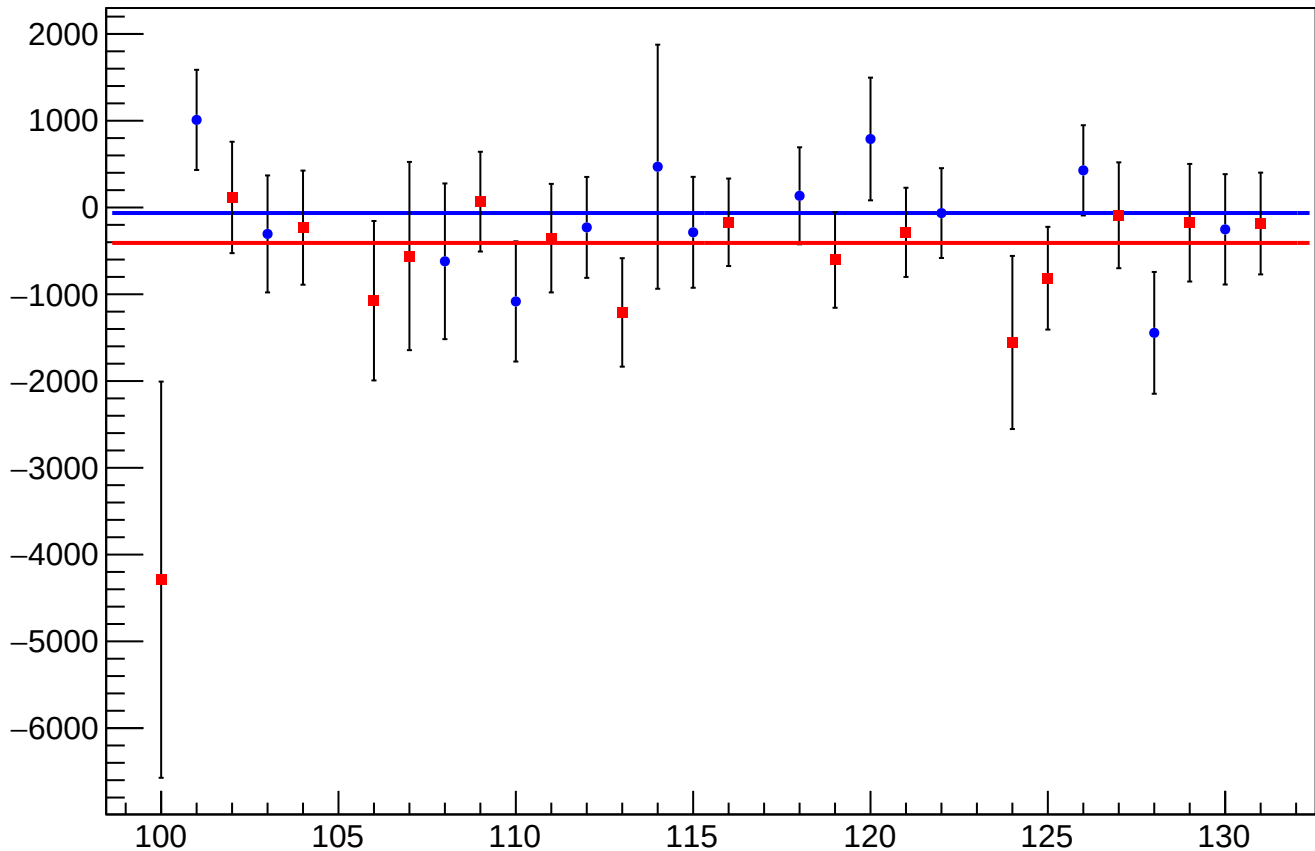
Right: 28.335+/-0.006 χ^2/NDF : 1074740.6/28

In: 28.177+/-0.009 χ^2/NDF :497107.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.335+/-0.006 χ^2/NDF : 1074740.6/28

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -63.547 ± 177.970 χ^2/NDF : 12.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -408.282 ± 162.756 χ^2/NDF : 9.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

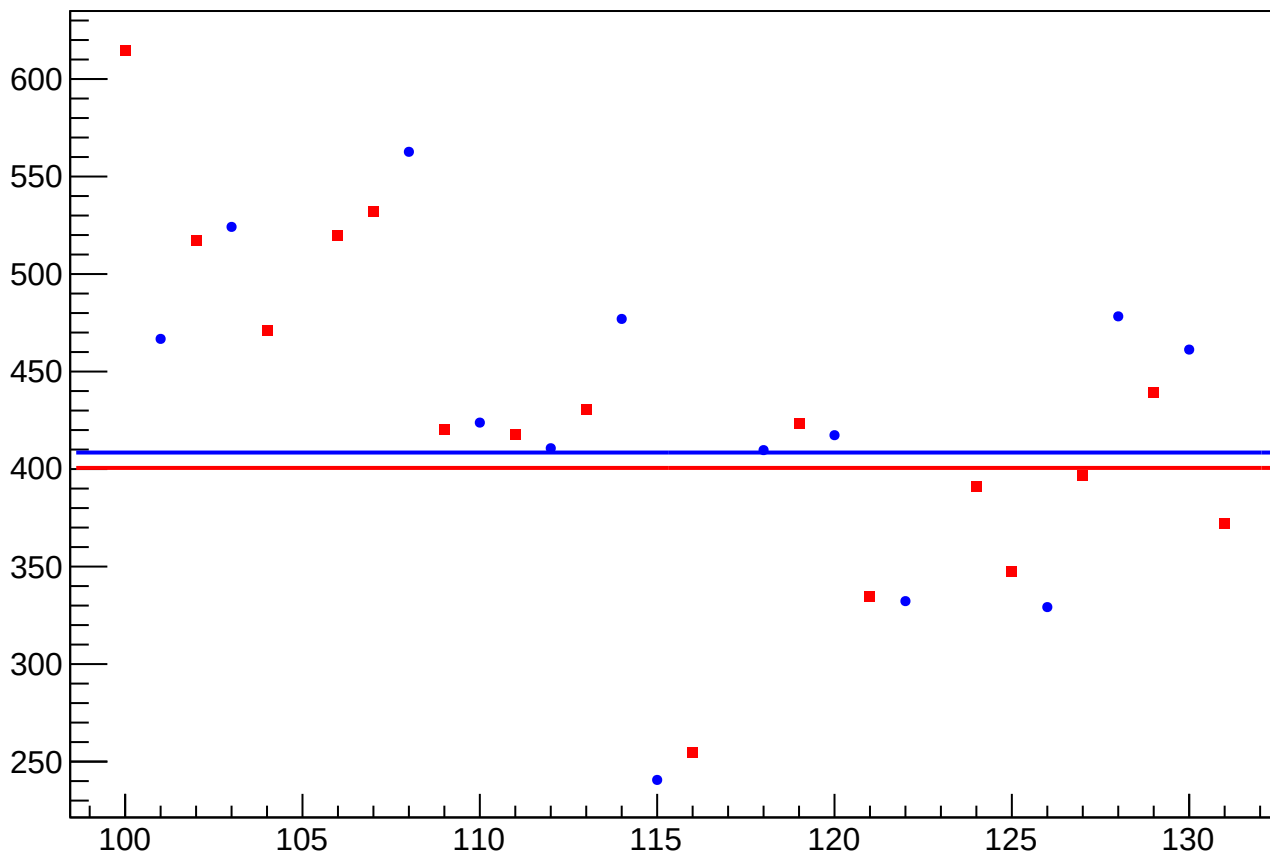
Right: -251.278 ± 120.105 χ^2/NDF : 24.2/28

In: -63.547 ± 177.970 χ^2/NDF : 12.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -251.278 ± 120.105 χ^2/NDF : 24.2/28

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 408.472+/-0.126 χ^2/NDF : 405809.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.584+/-0.115 χ^2/NDF : 408897.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

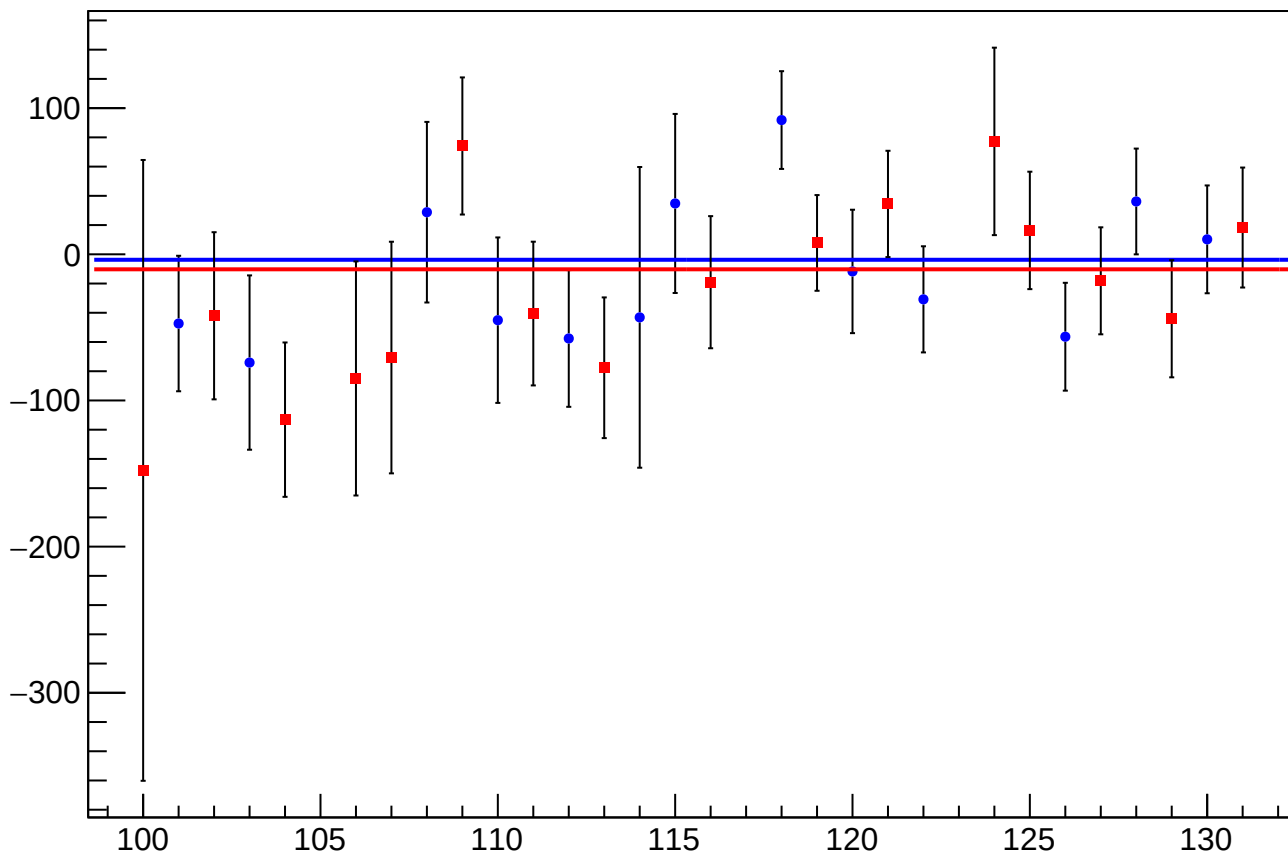
Right: 404.176+/-0.085 χ^2/NDF : 816846.1/28

In: 408.472+/-0.126 χ^2/NDF : 405809.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.176+/-0.085 χ^2/NDF : 816846.1/28

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.742 ± 12.322 χ^2/NDF : 17.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.274 ± 11.699 χ^2/NDF : 16.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

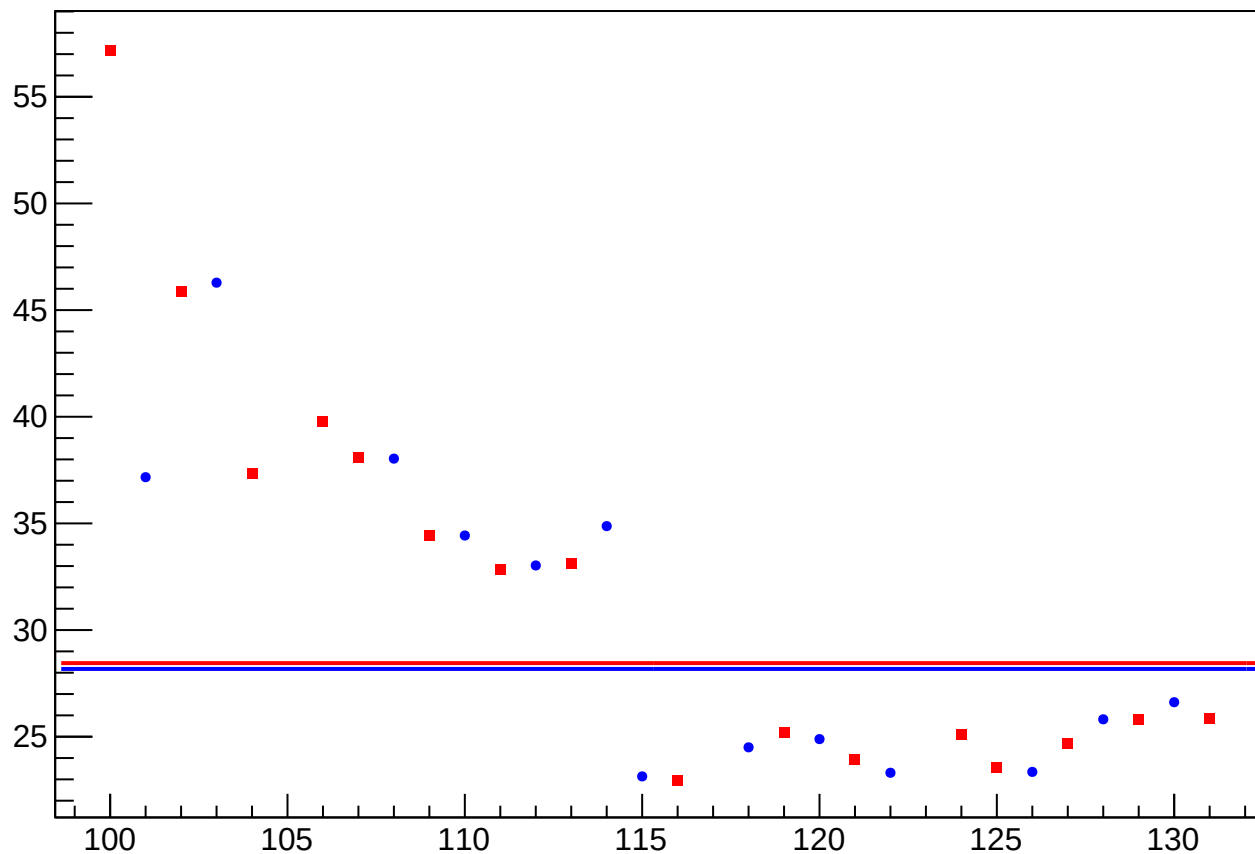
Right: -7.177 ± 8.484 χ^2/NDF : 34.2/28

In: -3.742 ± 12.322 χ^2/NDF : 17.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.177 ± 8.484 χ^2/NDF : 34.2/28

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.450+/-0.008 χ^2/NDF : 568354.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

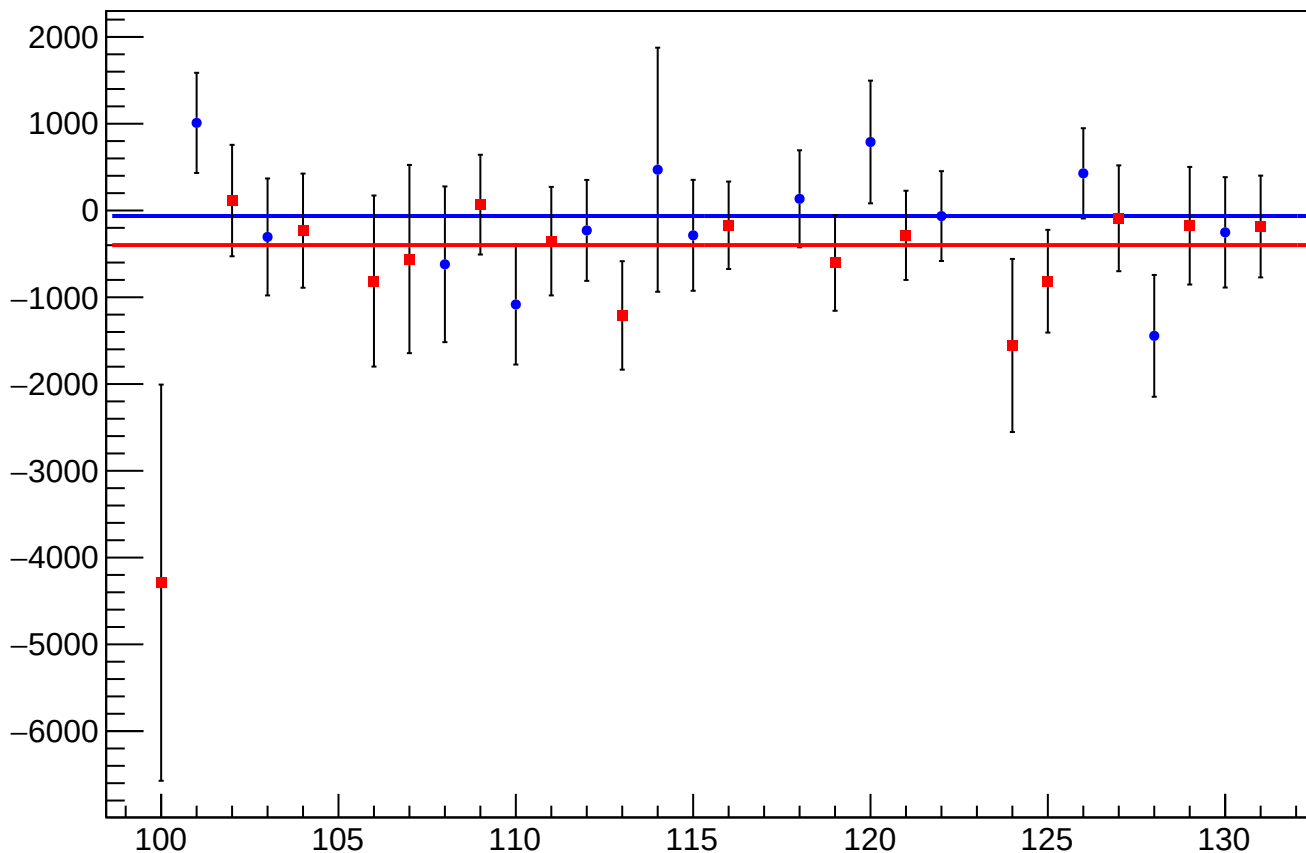
Right: 28.320+/-0.006 χ^2/NDF : 1065982.7/28

In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.320+/-0.006 χ^2/NDF : 1065982.7/28

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.560 ± 177.971 χ^2/NDF : 12.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -398.502 ± 163.098 χ^2/NDF : 8.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

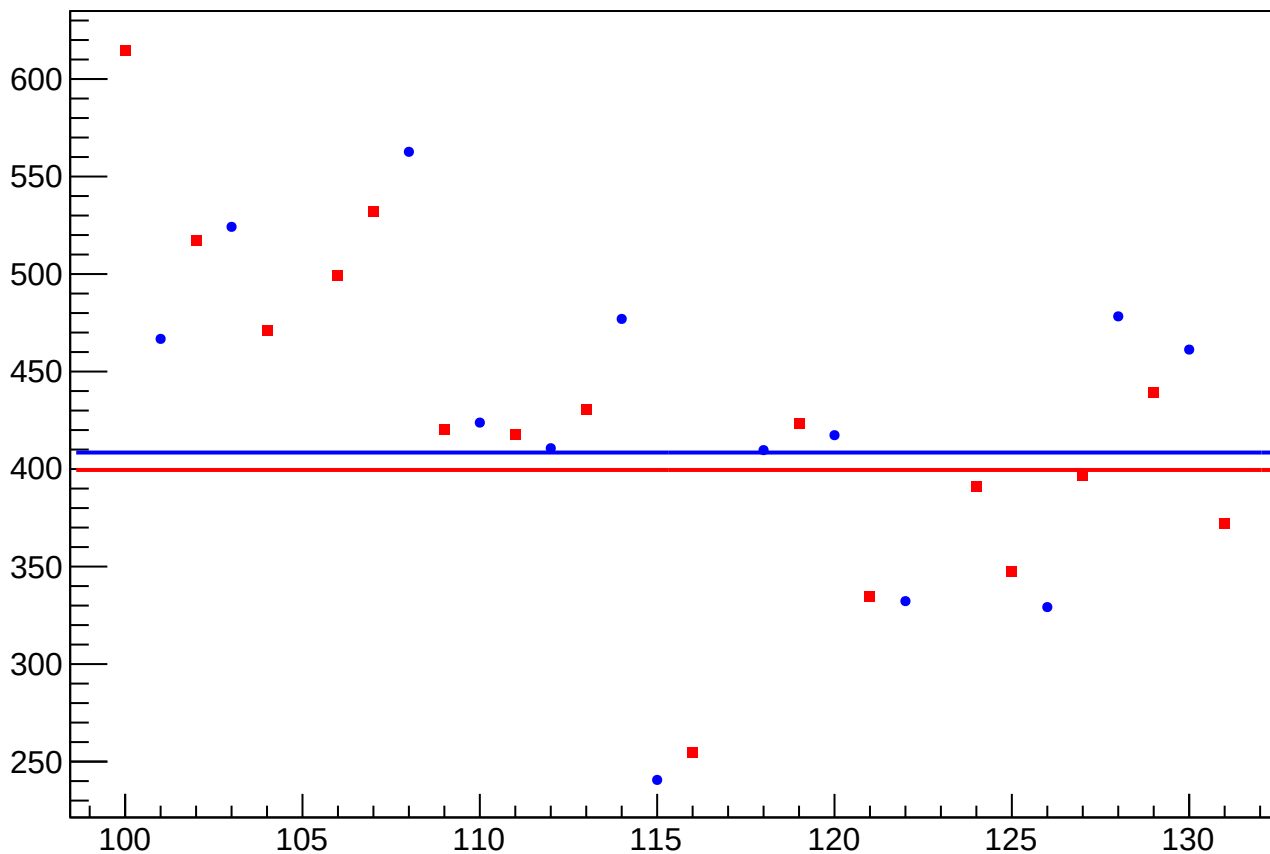
Right: -245.609 ± 120.242 χ^2/NDF : 23.7/28

In: -63.560 ± 177.971 χ^2/NDF : 12.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -245.609 ± 120.242 χ^2/NDF : 23.7/28

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.541+/-0.115 χ^2/NDF : 395456.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

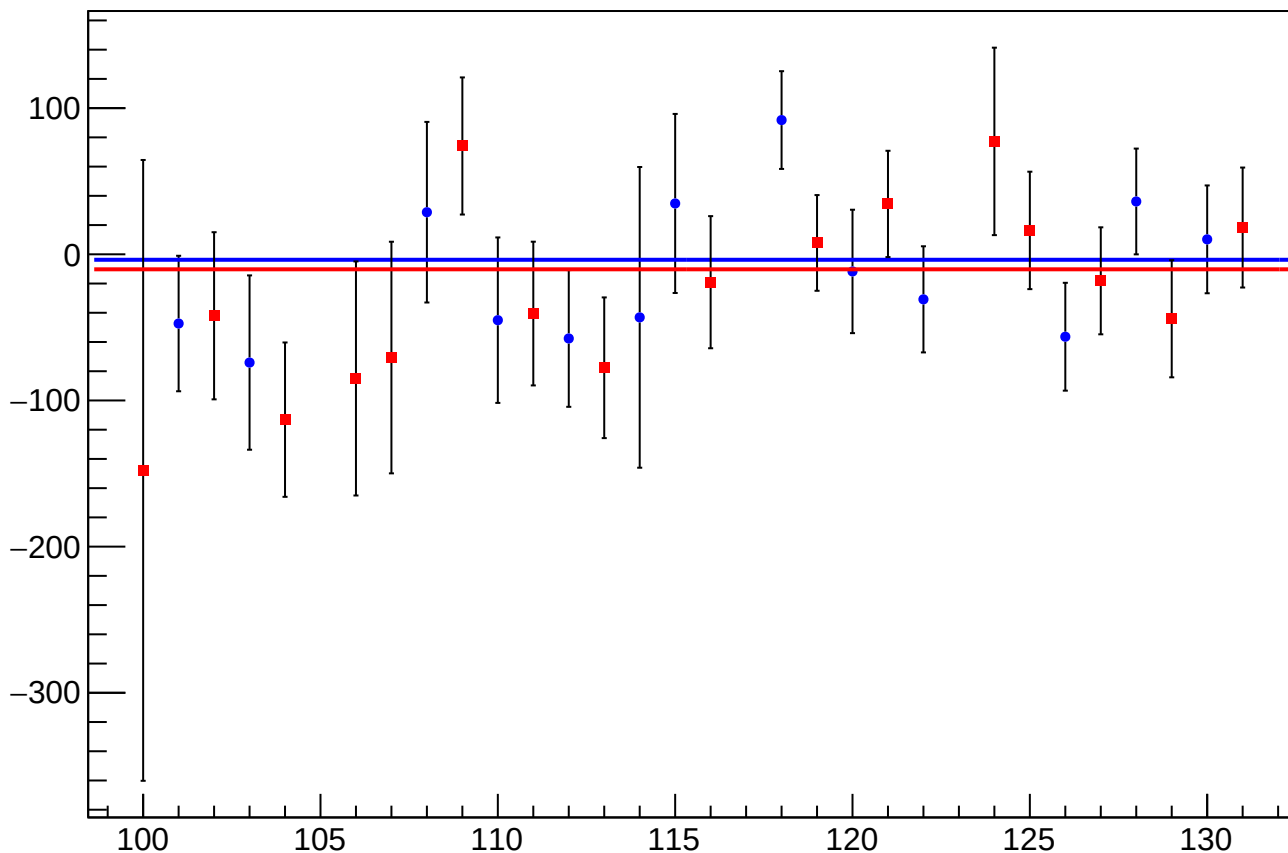
Right: 403.618+/-0.085 χ^2/NDF : 804027.0/28

In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.618+/-0.085 χ^2/NDF : 804027.0/28

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.742 ± 12.322 $\chi^2/\text{NDF}: 17.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.274 ± 11.699 $\chi^2/\text{NDF}: 16.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

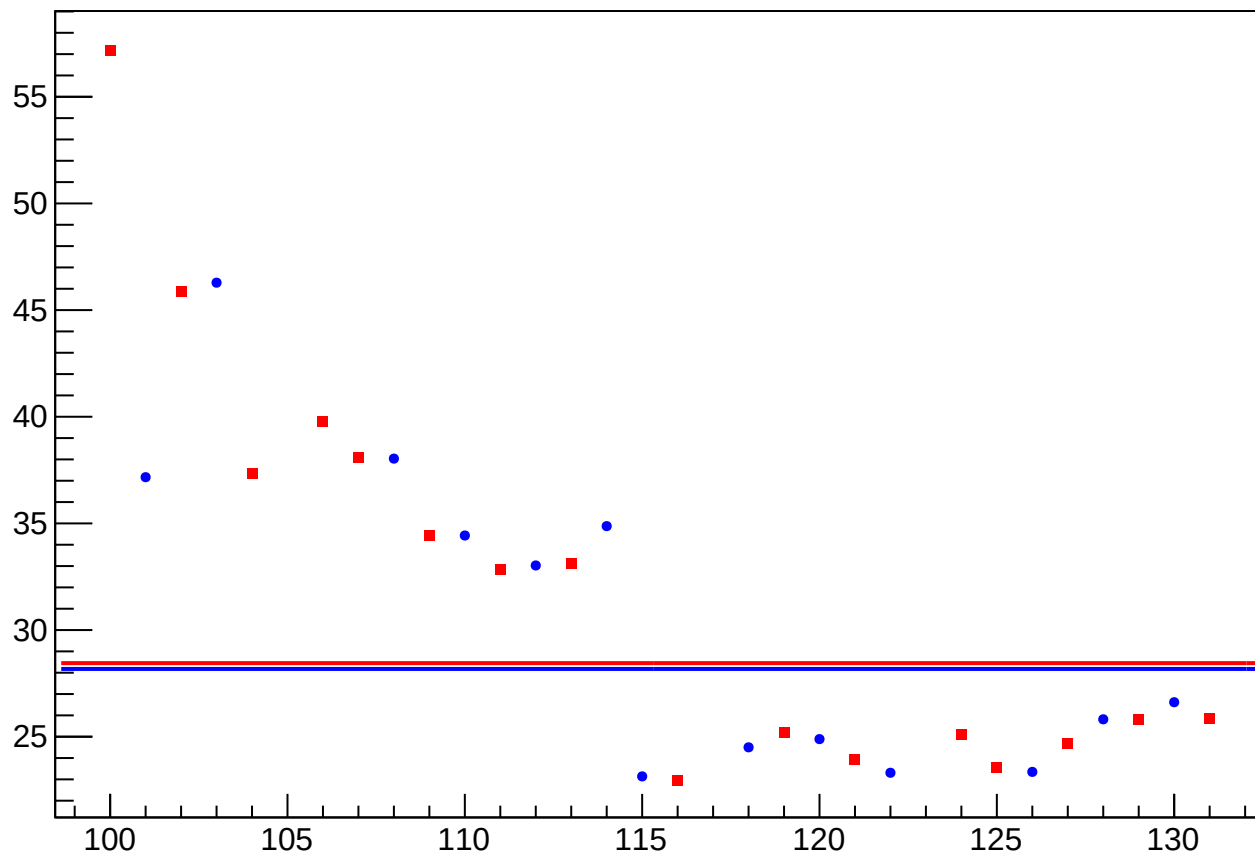
Right: -7.177 ± 8.484 $\chi^2/\text{NDF}: 34.2/28$

In: -3.742 ± 12.322 $\chi^2/\text{NDF}: 17.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.177 ± 8.484 $\chi^2/\text{NDF}: 34.2/28$

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.450+/-0.008 χ^2/NDF : 568354.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

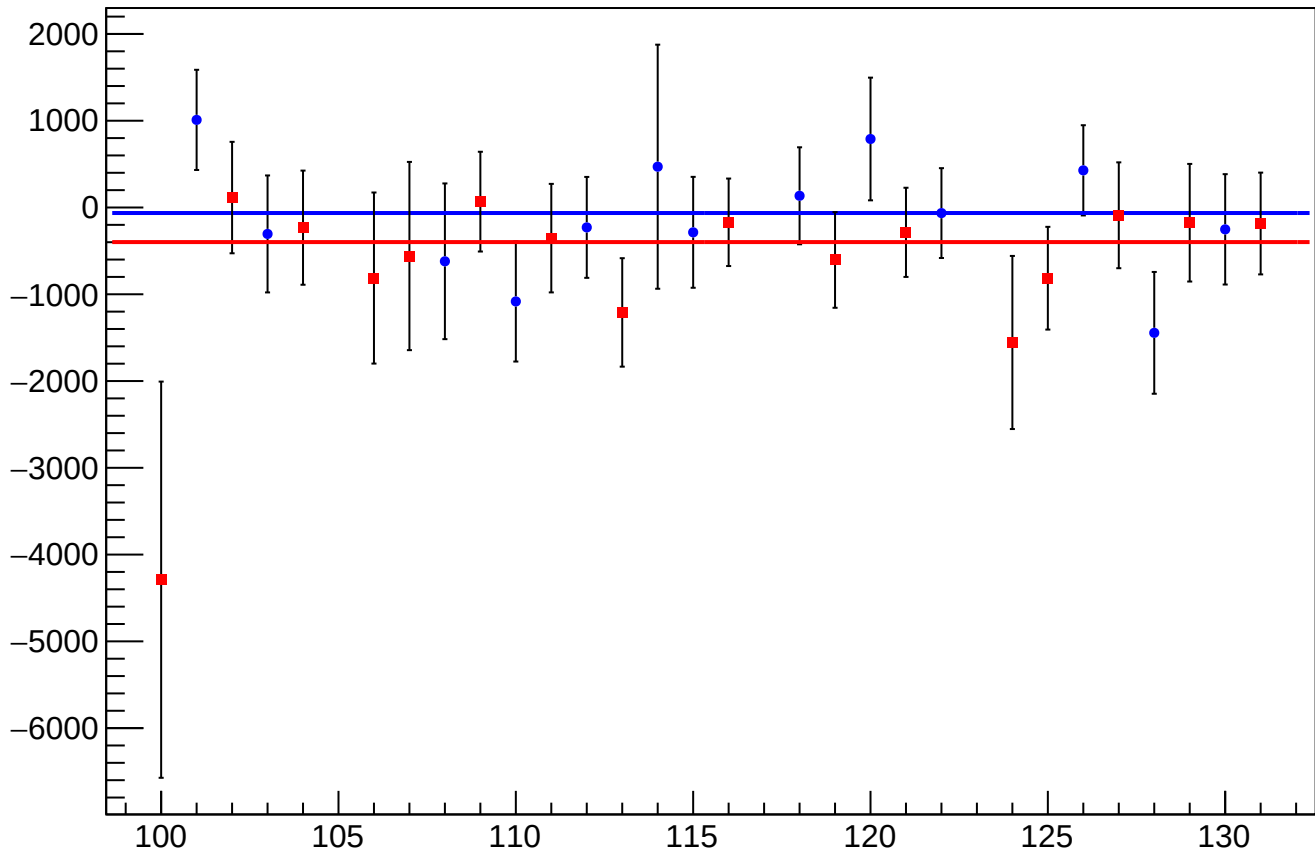
Right: 28.320+/-0.006 χ^2/NDF : 1065982.7/28

In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.320+/-0.006 χ^2/NDF : 1065982.7/28

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.560 $\pm$ 177.971 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -398.502 $\pm$ 163.098 χ^2 /NDF: 8.9/15

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

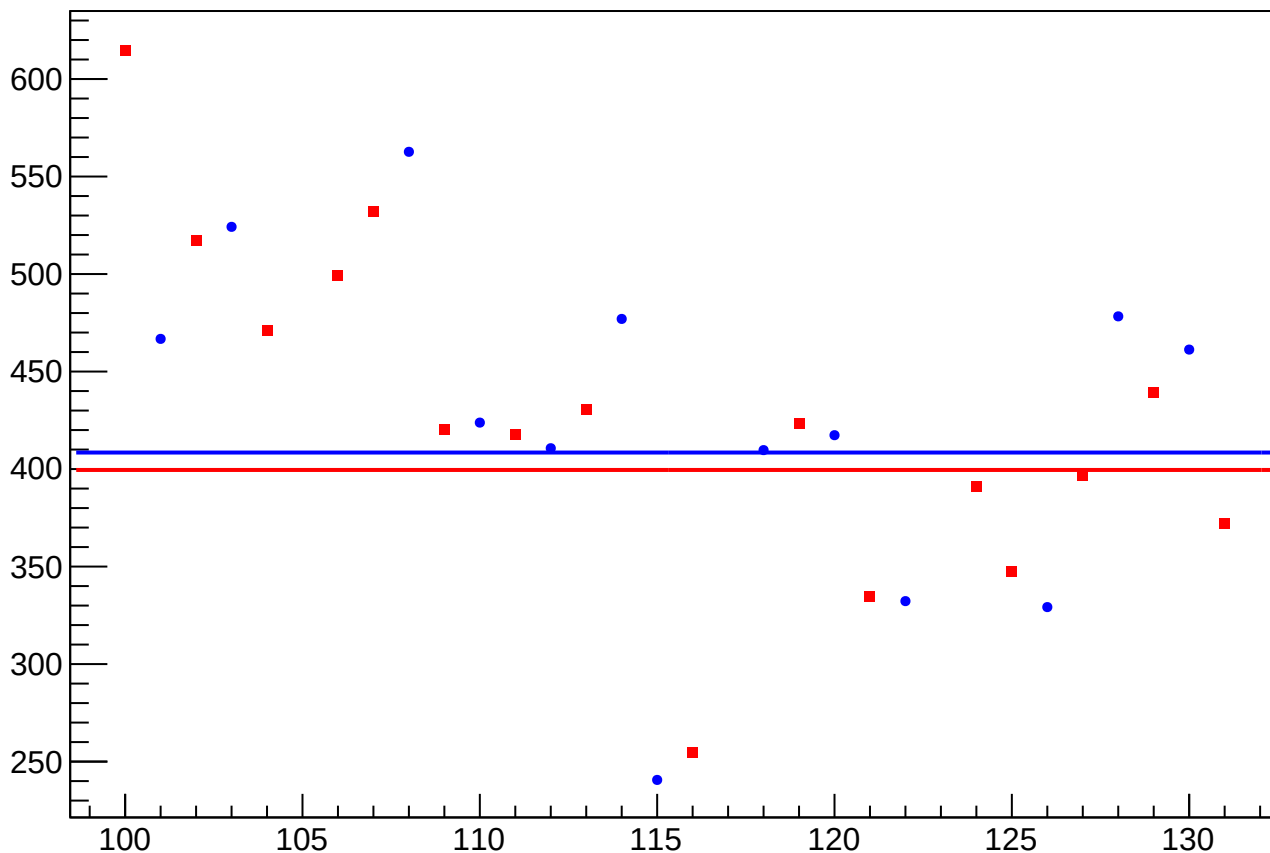
Right: -245.609 $\pm$ 120.242 χ^2 /NDF: 23.7/28

In: -63.560 $\pm$ 177.971 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -245.609 $\pm$ 120.242 χ^2 /NDF: 23.7/28

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 399.541+/-0.115 χ^2/NDF : 395456.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

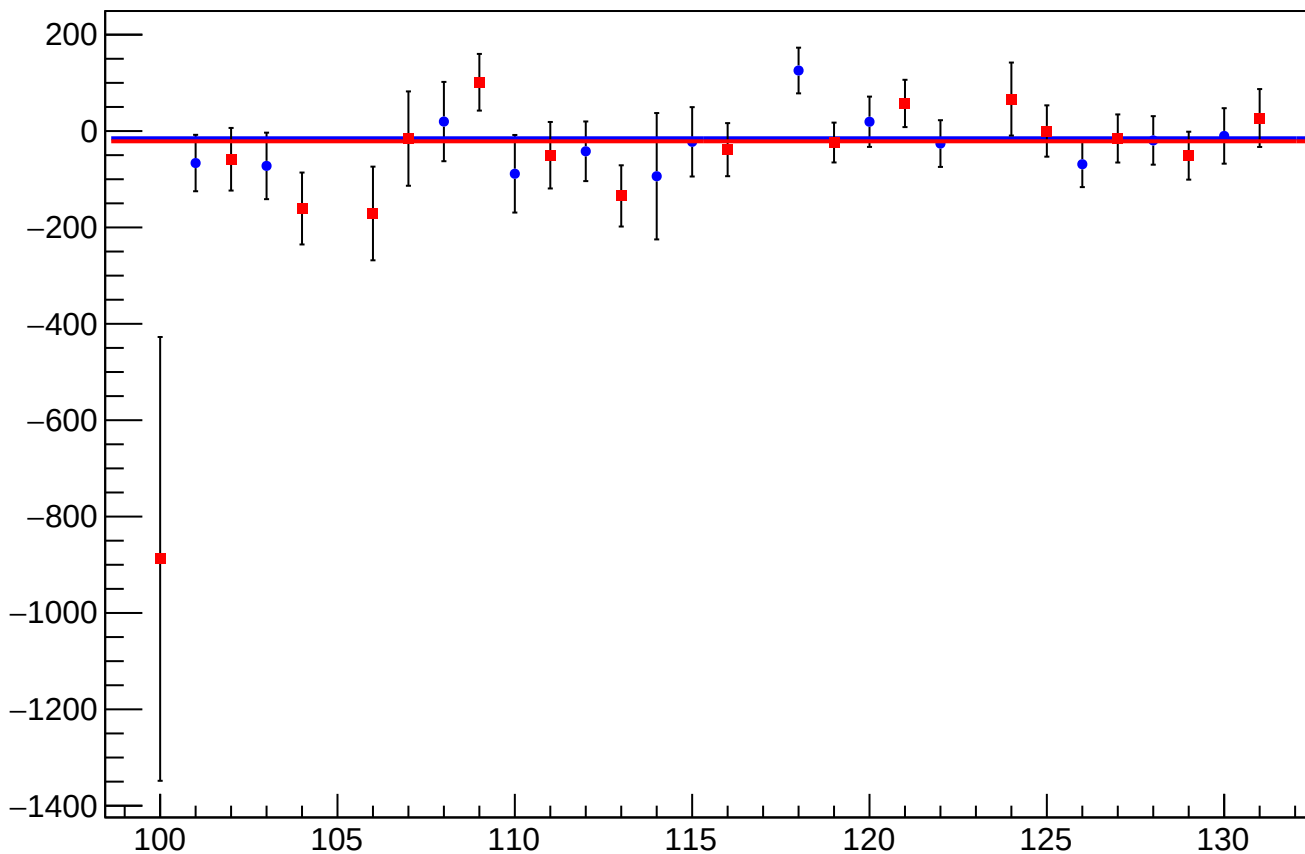
Right: 403.618+/-0.085 χ^2/NDF : 804027.0/28

In: 408.473+/-0.126 χ^2/NDF :405832.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 403.618+/-0.085 χ^2/NDF : 804027.0/28

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.993+/-16.454 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.262+/-15.217 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

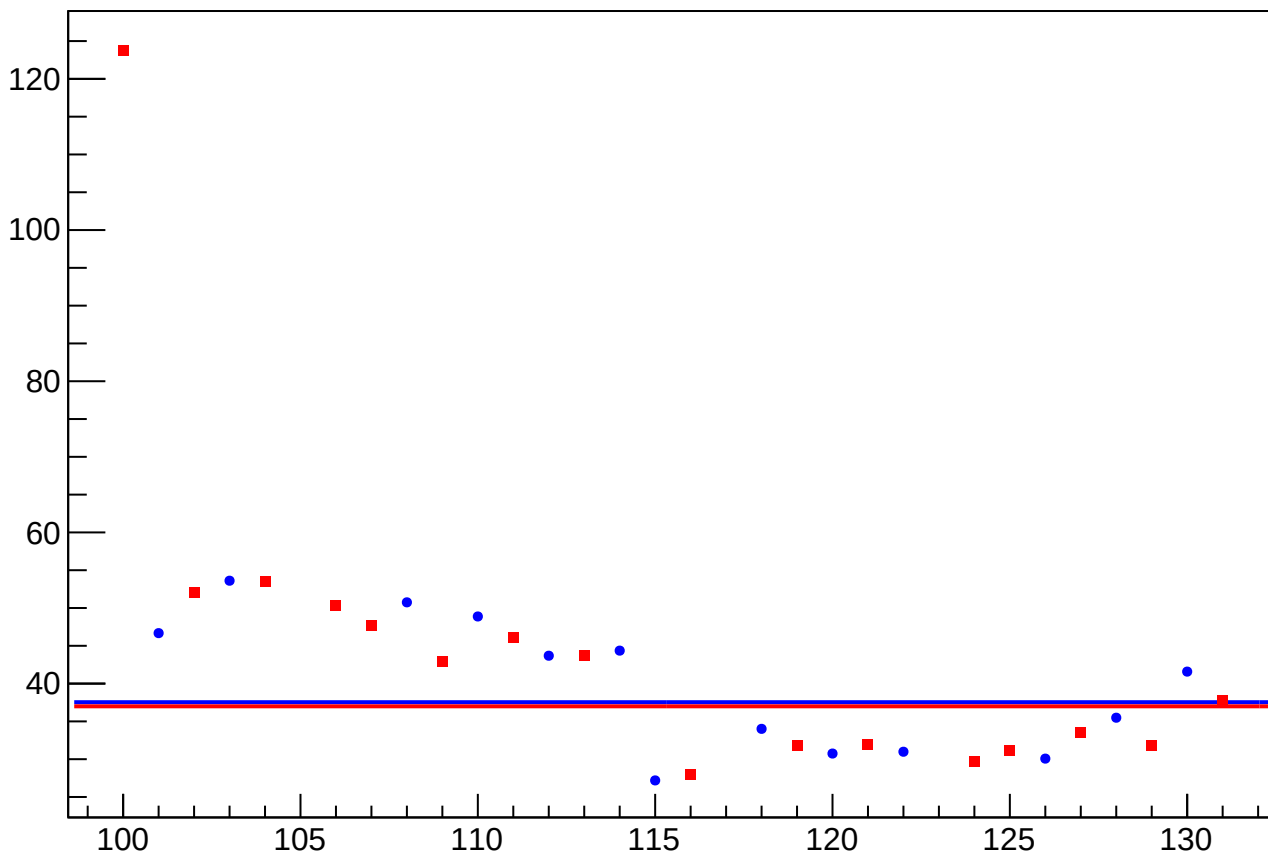
Right: -18.372+/-11.172 χ^2/NDF : 36.3/28

In: -14.993+/-16.454 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.372+/-11.172 χ^2/NDF : 36.3/28

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.538 $\pm$ 0.012 χ^2 /NDF: 459081.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.994 $\pm$ 0.011 χ^2 /NDF: 596241.7/15

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

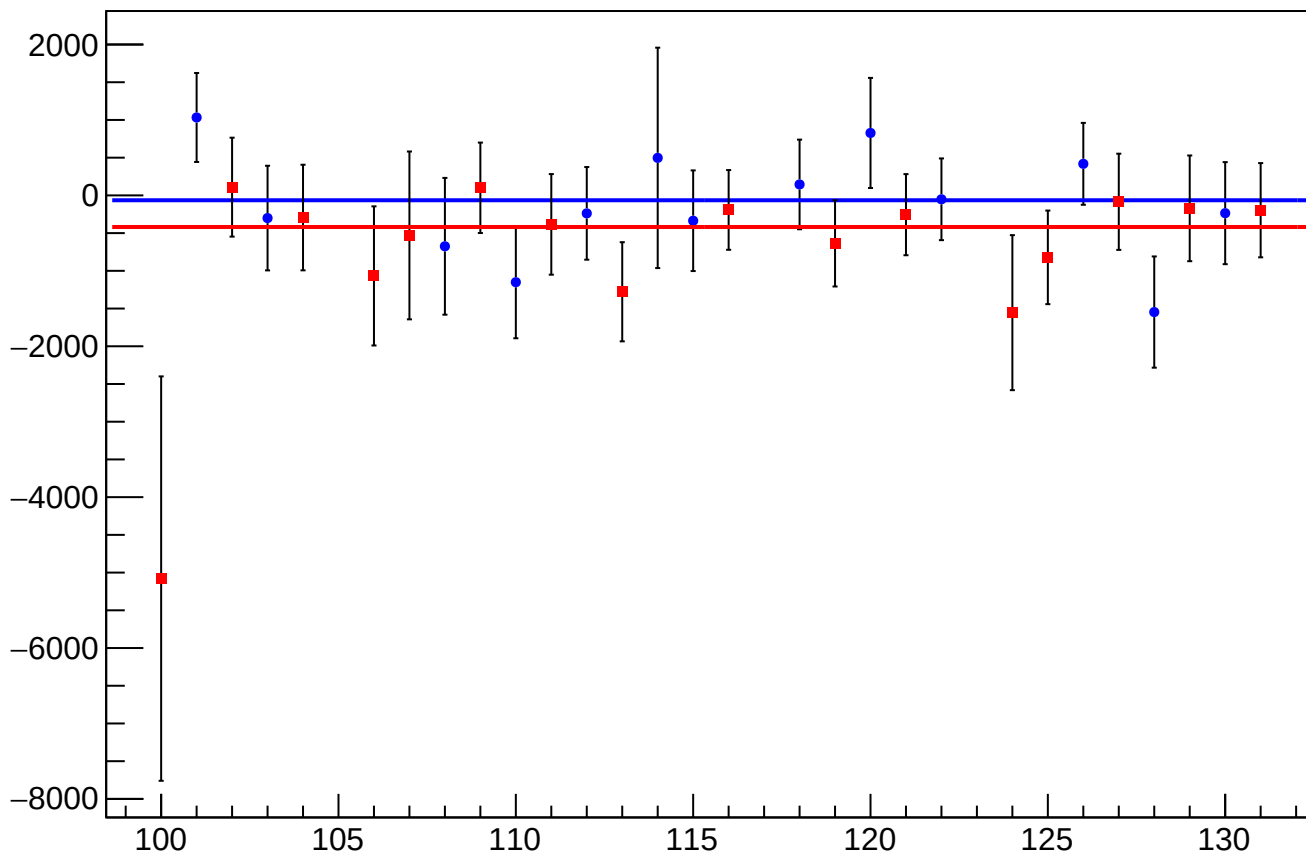
Right: 37.245 $\pm$ 0.008 χ^2 /NDF: 1056501.3/28

In: 37.538 $\pm$ 0.012 χ^2 /NDF:459081.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.245 $\pm$ 0.008 χ^2 /NDF: 1056501.3/28

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -64.552 ± 186.052 χ^2/NDF : 13.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -418.826 ± 170.137 χ^2/NDF : 9.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

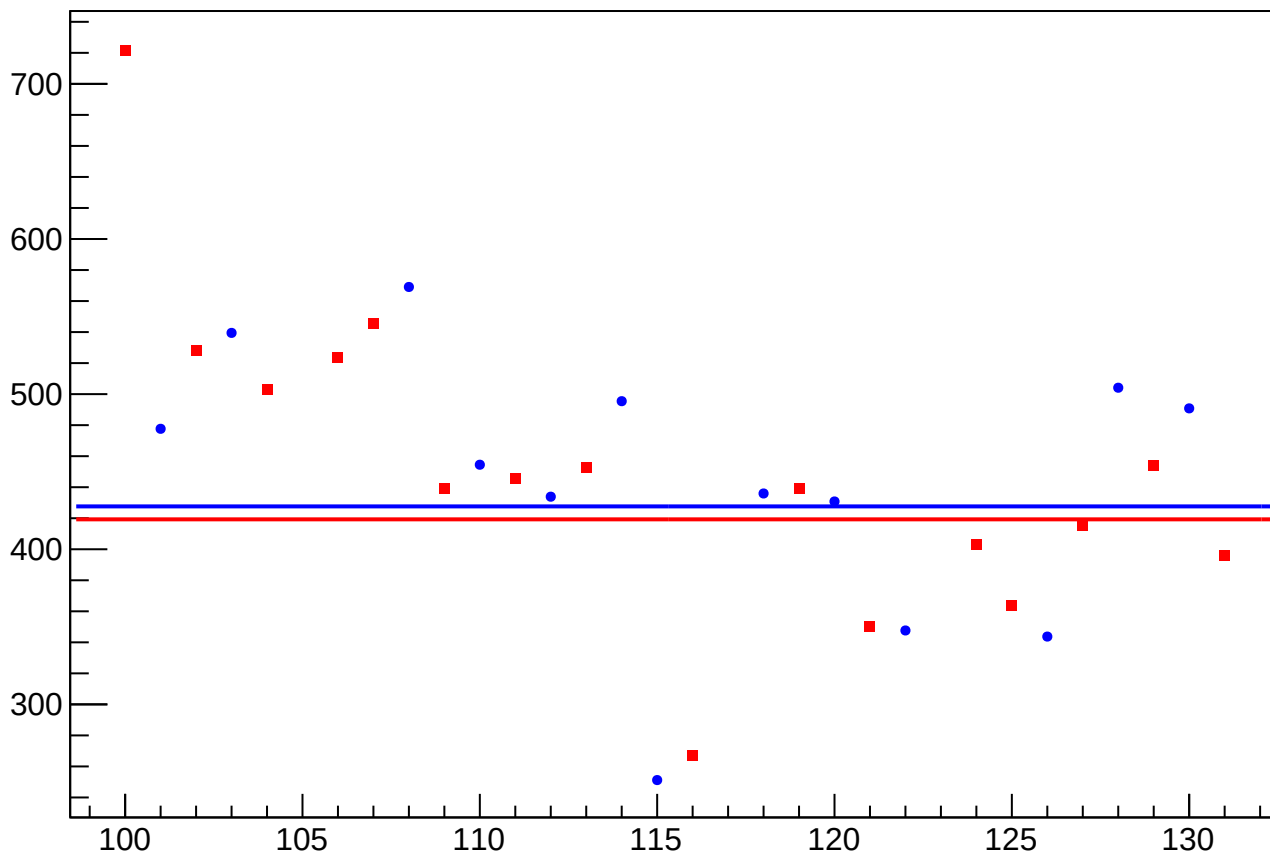
Right: -257.487 ± 125.555 χ^2/NDF : 24.3/28

In: -64.552 ± 186.052 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -257.487 ± 125.555 χ^2/NDF : 24.3/28

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.631+/-0.132 χ^2/NDF : 392944.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.283+/-0.120 χ^2/NDF : 395961.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

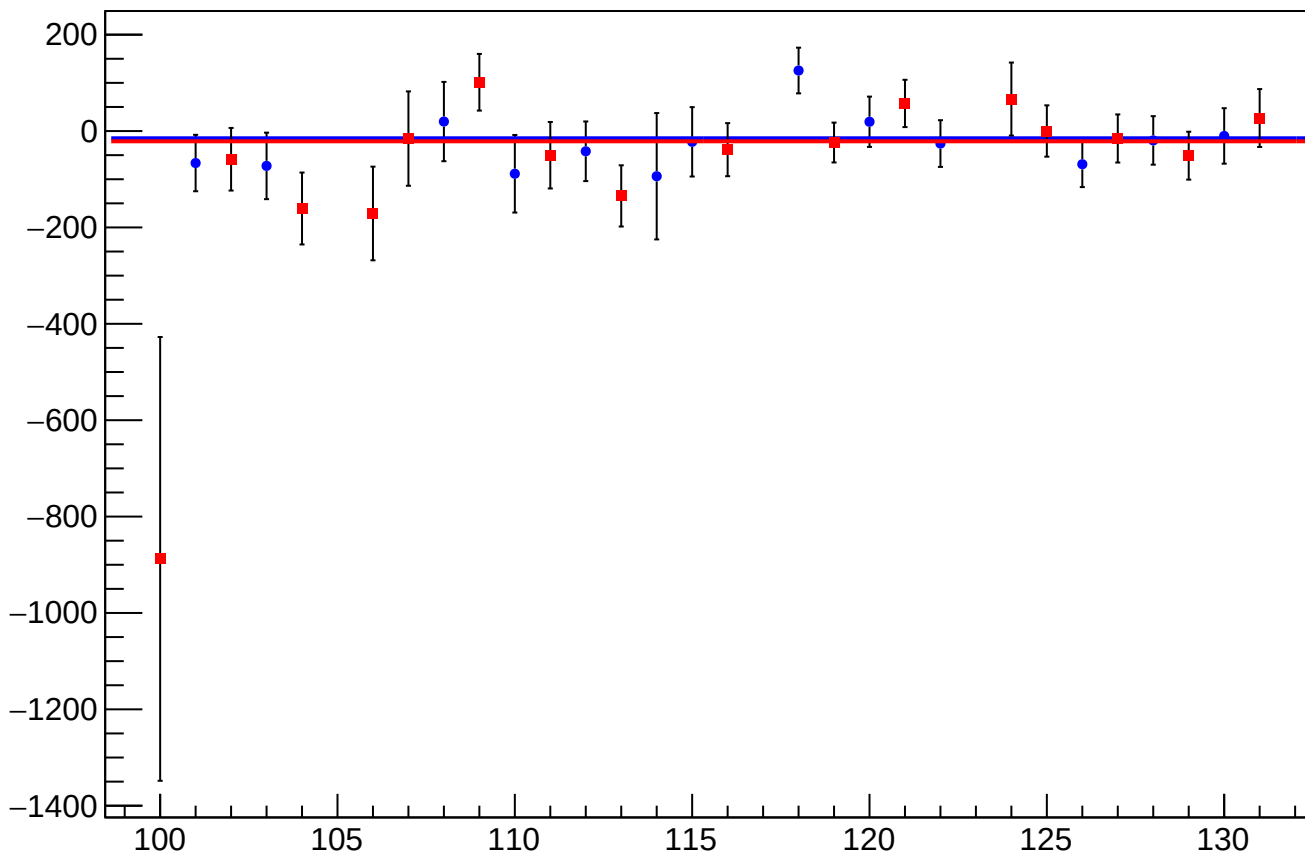
Right: 423.085+/-0.089 χ^2/NDF : 791099.2/28

In: 427.631+/-0.132 χ^2/NDF : 392944.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.085+/-0.089 χ^2/NDF : 791099.2/28

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.993 $\pm$ 16.453 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.261 $\pm$ 15.217 χ^2 /NDF: 22.6/15

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

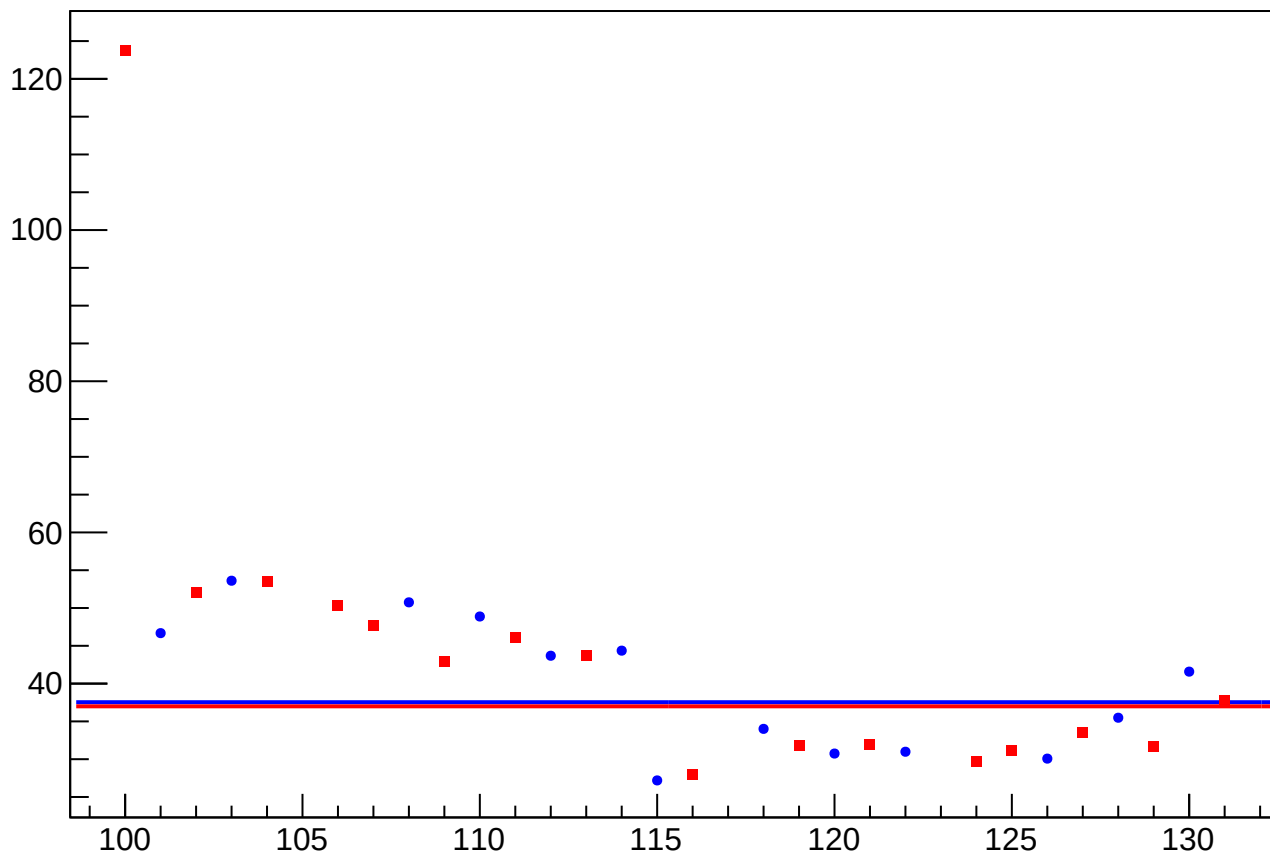
Right: -18.371 $\pm$ 11.172 χ^2 /NDF: 36.3/28

In: -14.993 $\pm$ 16.453 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.371 $\pm$ 11.172 χ^2 /NDF: 36.3/28

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.538 $\pm$ 0.012 χ^2 /NDF: 459047.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.994 $\pm$ 0.011 χ^2 /NDF: 596218.7/15

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

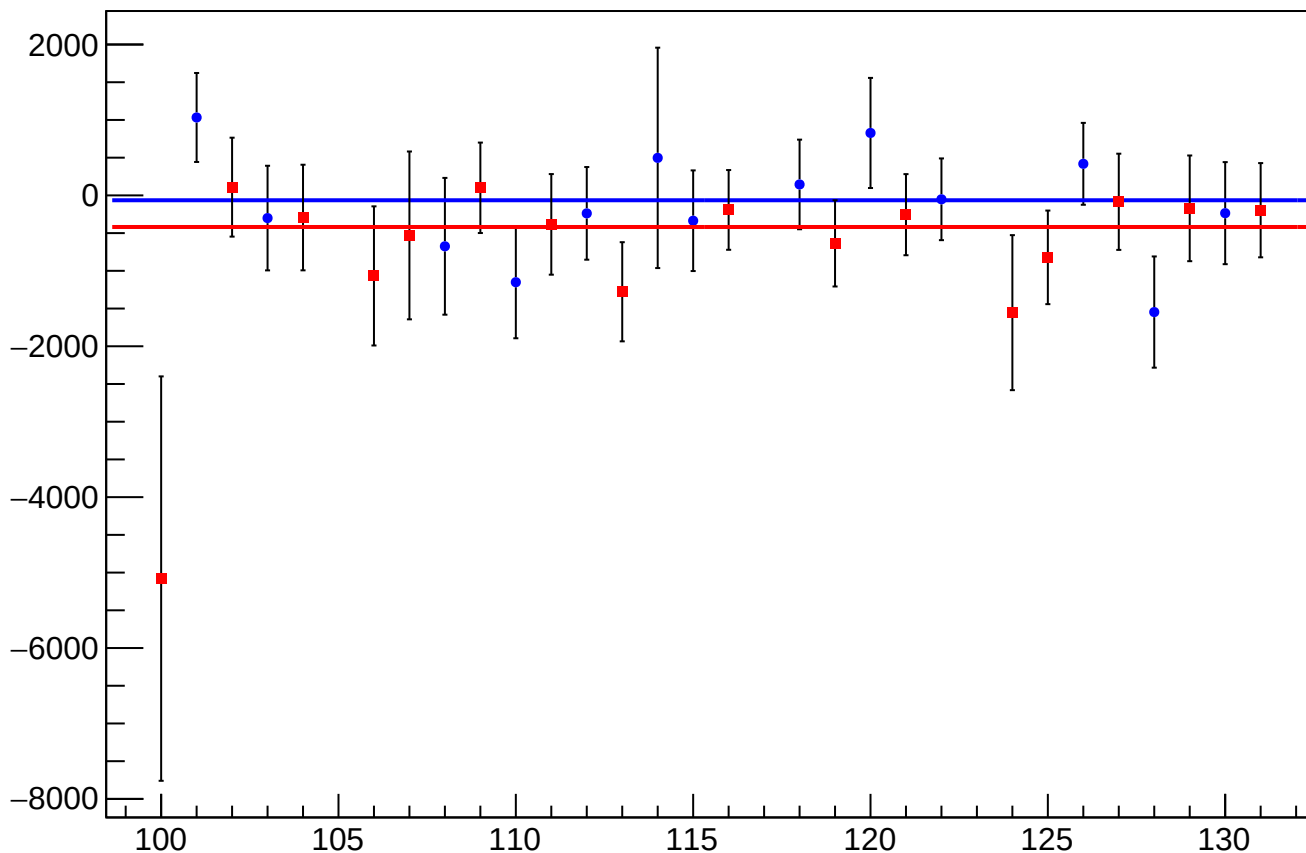
Right: 37.244 $\pm$ 0.008 χ^2 /NDF: 1056443.8/28

In: 37.538 $\pm$ 0.012 χ^2 /NDF:459047.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.244 $\pm$ 0.008 χ^2 /NDF: 1056443.8/28

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -64.554 ± 186.052 χ^2/NDF : 13.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -418.825 ± 170.136 χ^2/NDF : 9.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

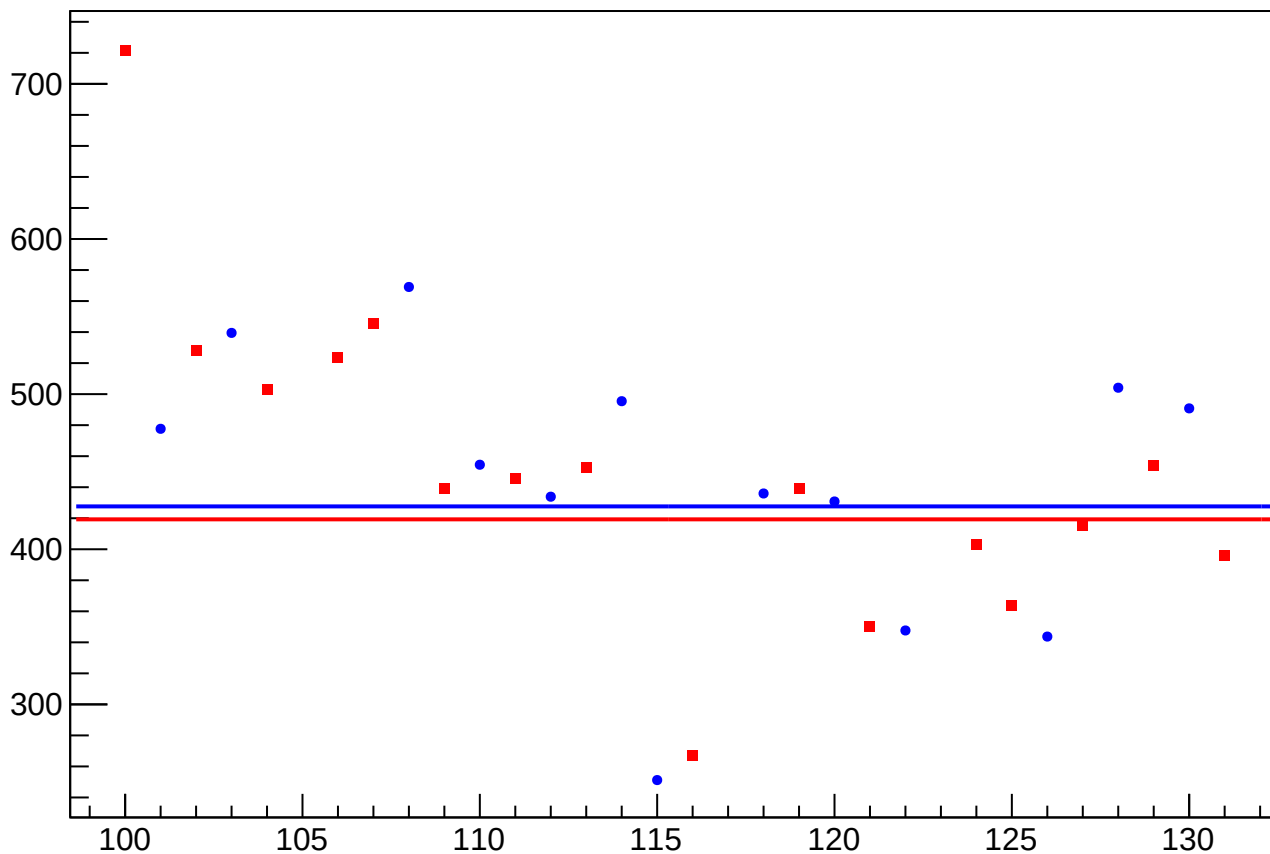
Right: -257.488 ± 125.555 χ^2/NDF : 24.3/28

In: -64.554 ± 186.052 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -257.488 ± 125.555 χ^2/NDF : 24.3/28

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.630+/-0.132 χ^2/NDF : 392935.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.282+/-0.120 χ^2/NDF : 395954.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

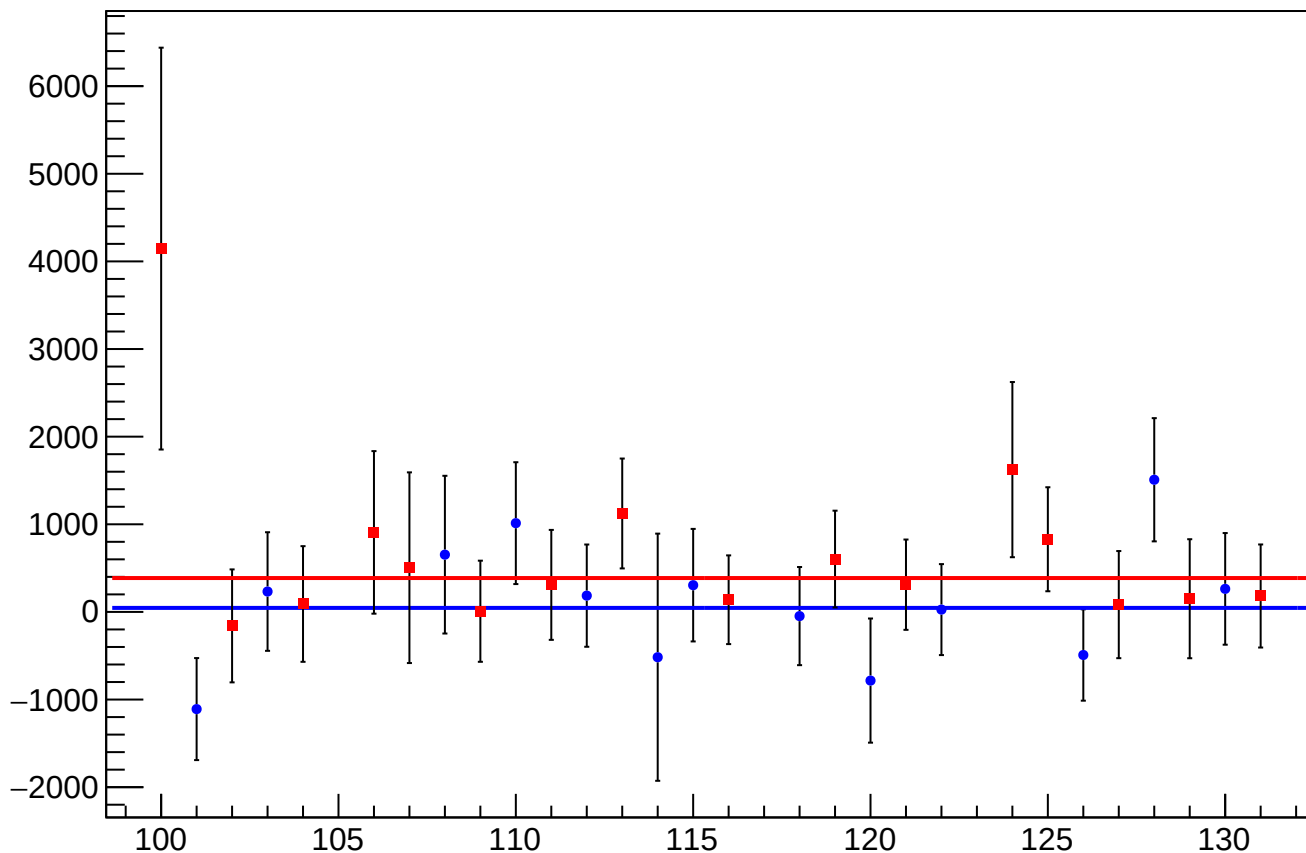
Right: 423.084+/-0.089 χ^2/NDF : 791082.9/28

In: 427.630+/-0.132 χ^2/NDF : 392935.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.084+/-0.089 χ^2/NDF : 791082.9/28

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 45.912+/-178.553 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 386.630+/-163.268 χ^2/NDF : 8.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

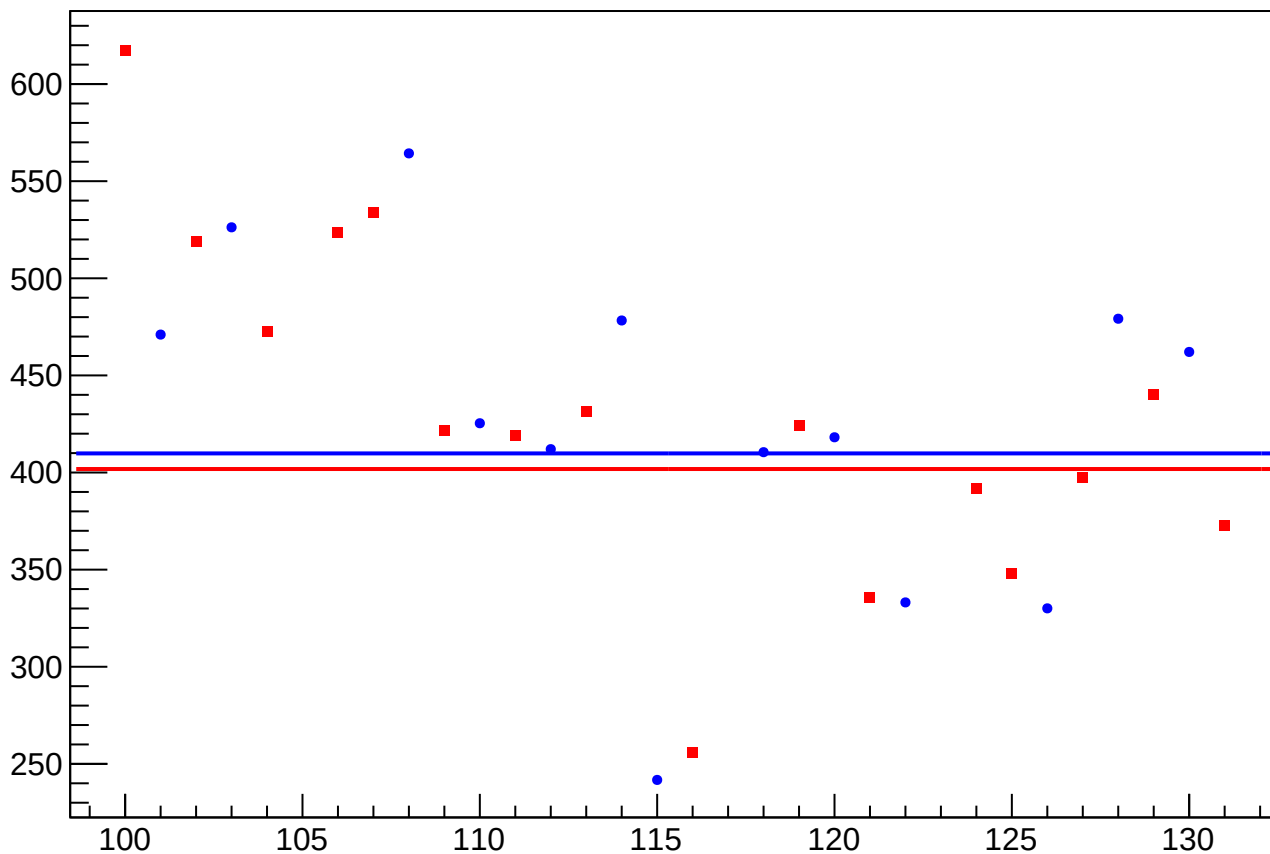
Right: 231.476+/-120.490 χ^2/NDF : 24.4/28

In: 45.912+/-178.553 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.476+/-120.490 χ^2/NDF : 24.4/28

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 409.844+/-0.126 χ^2/NDF : 406720.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.807+/-0.115 χ^2/NDF : 409581.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

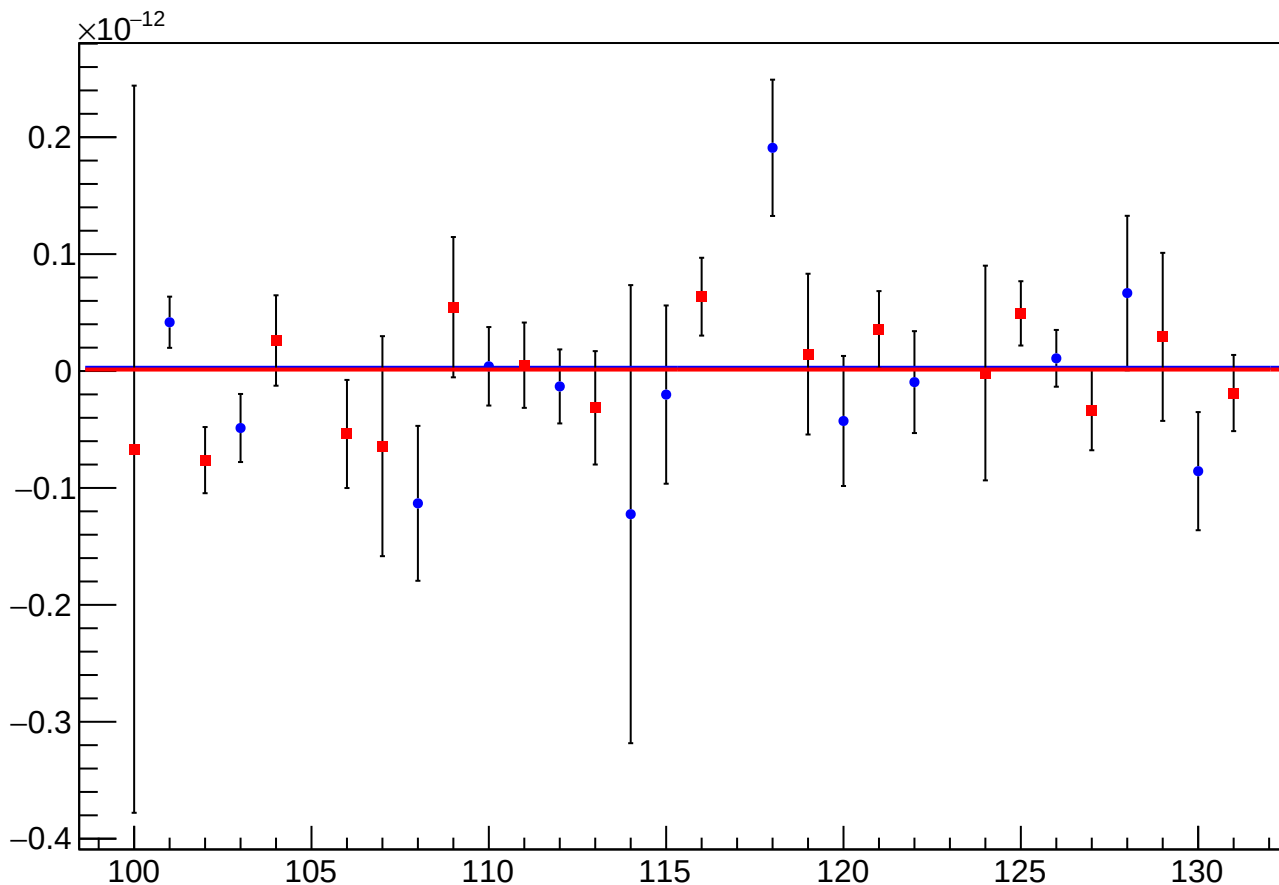
Right: 405.467+/-0.085 χ^2/NDF : 818508.3/28

In: 409.844+/-0.126 χ^2/NDF : 406720.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.467+/-0.085 χ^2/NDF : 818508.3/28

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 25.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

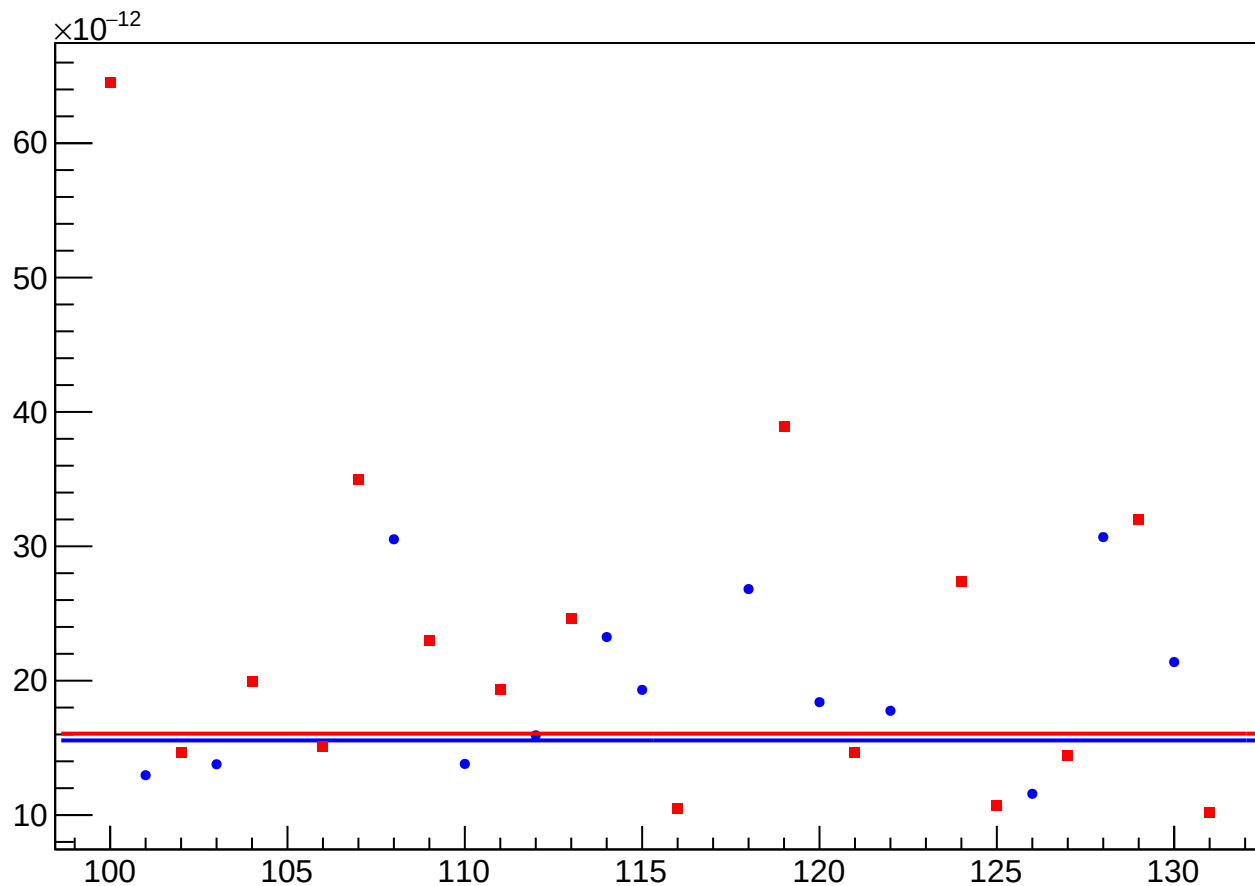
Right: 0.000+/-0.000 χ^2/NDF : 45.7/28

In: 0.000+/-0.000 χ^2/NDF : 25.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 45.7/28

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 421306.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 817801.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

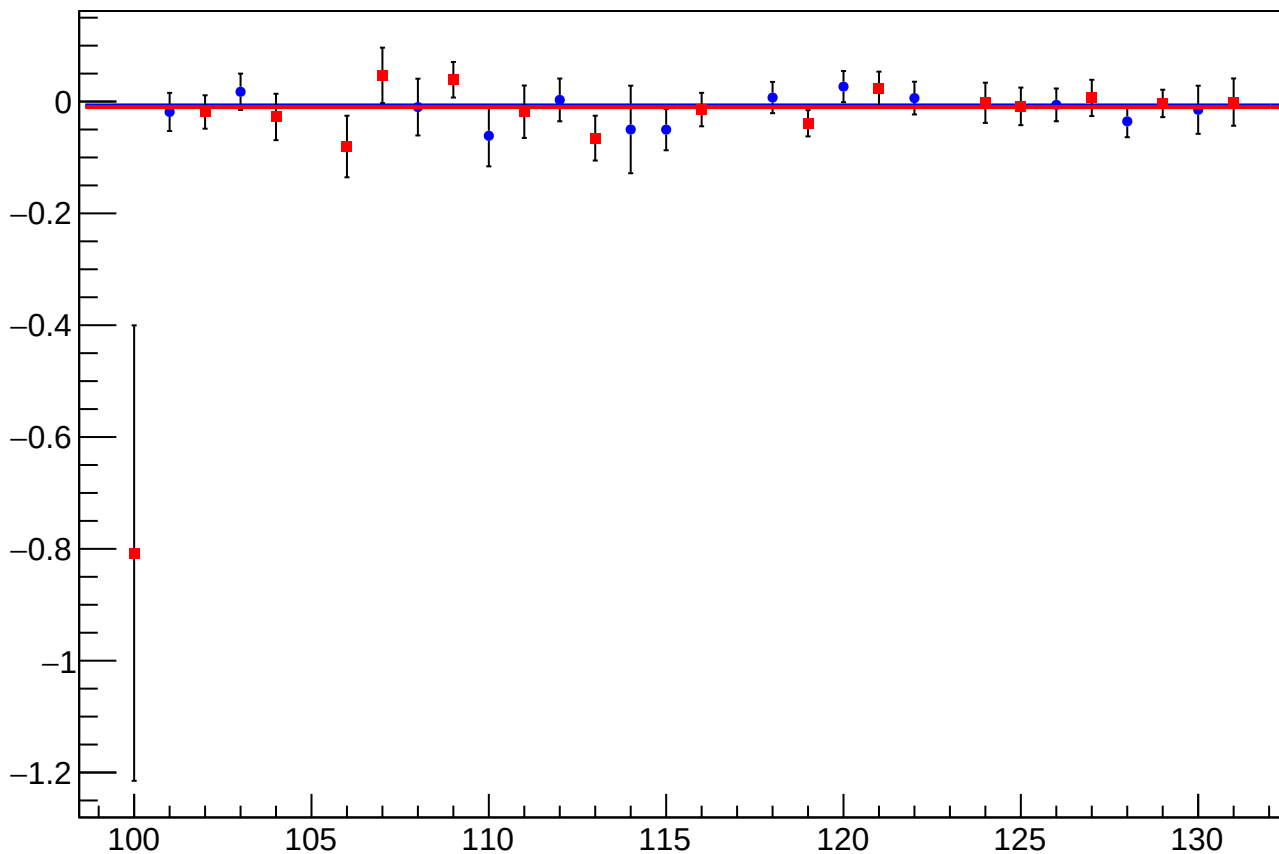
Right: 0.000+/-0.000 χ^2/NDF : 1241456.6/28

In: 0.000+/-0.000 χ^2/NDF : 421306.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1241456.6/28

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

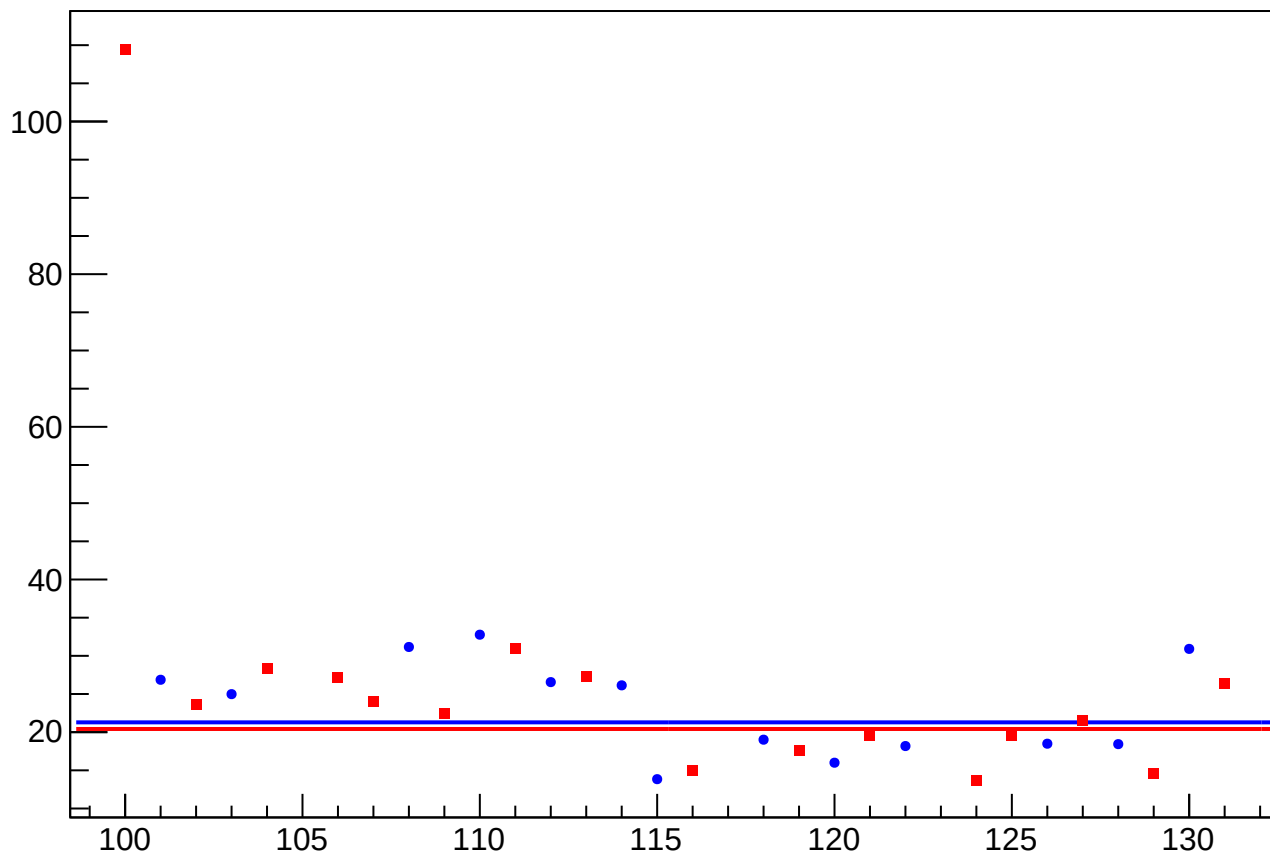
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

In: -0.007 $\pm$ 0.010 χ^2 /NDF:6.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.419+/-0.006 χ^2/NDF : 723407.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

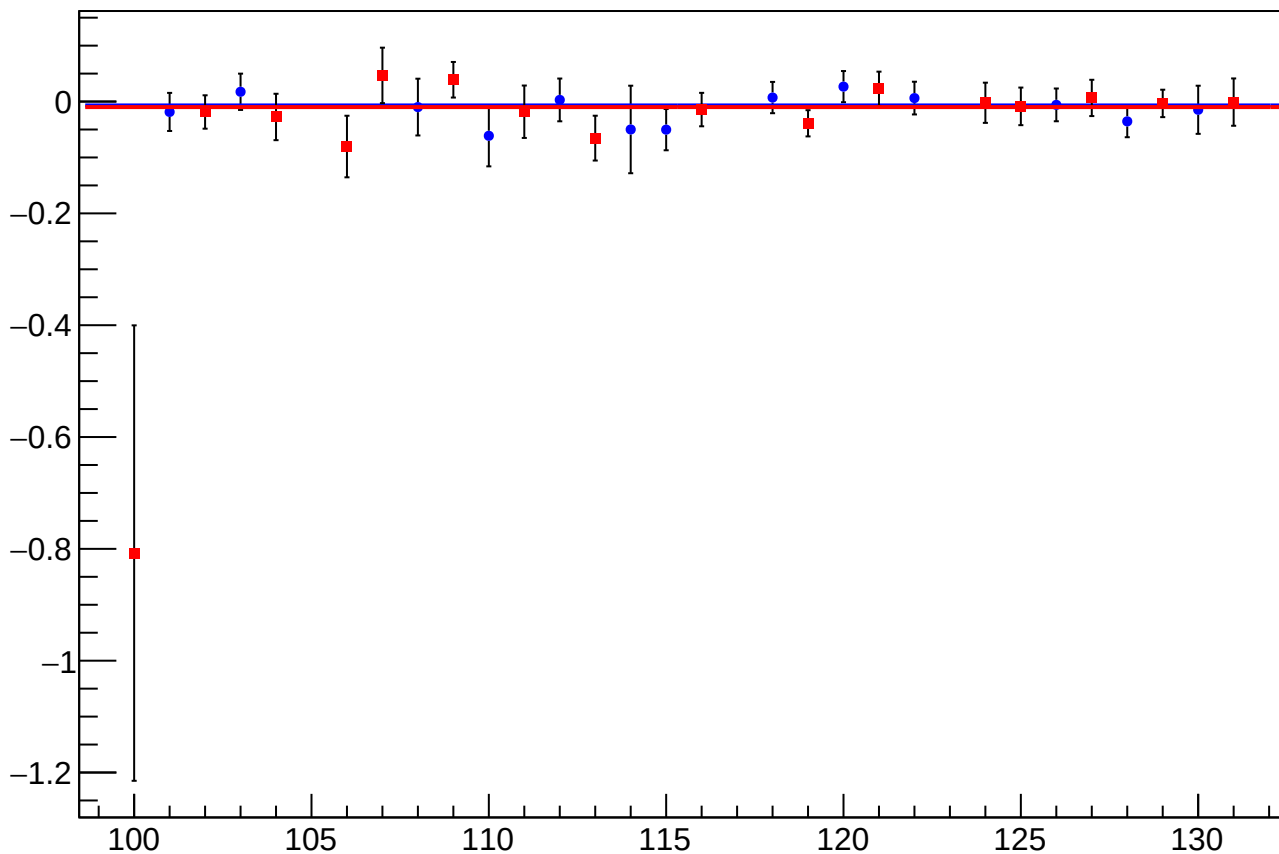
Right: 20.807+/-0.005 χ^2/NDF : 1349065.0/28

In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.807+/-0.005 χ^2/NDF : 1349065.0/28

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

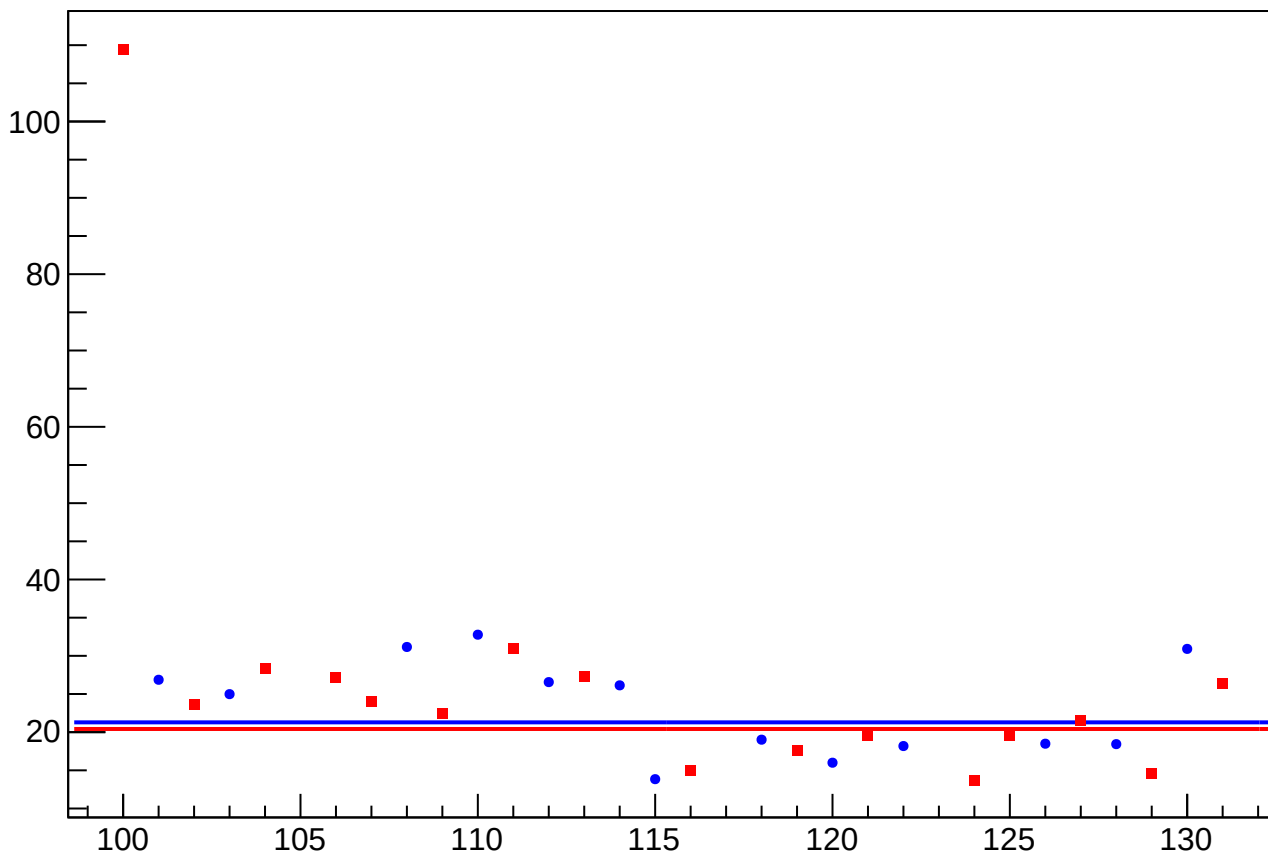
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

In: -0.007 $\pm$ 0.010 χ^2 /NDF:6.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.419+/-0.006 χ^2/NDF : 723407.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

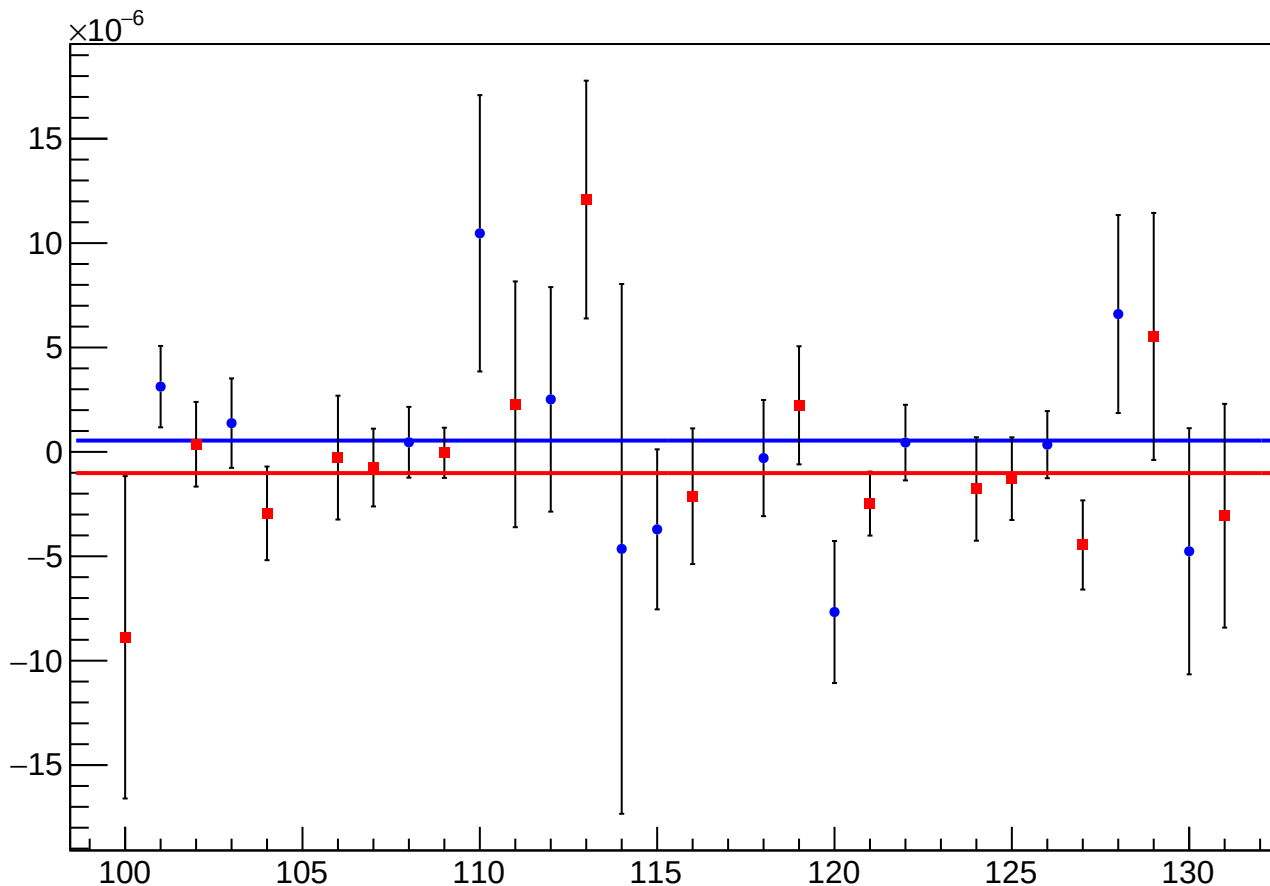
Right: 20.807+/-0.005 χ^2/NDF : 1349065.0/28

In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.807+/-0.005 χ^2/NDF : 1349065.0/28

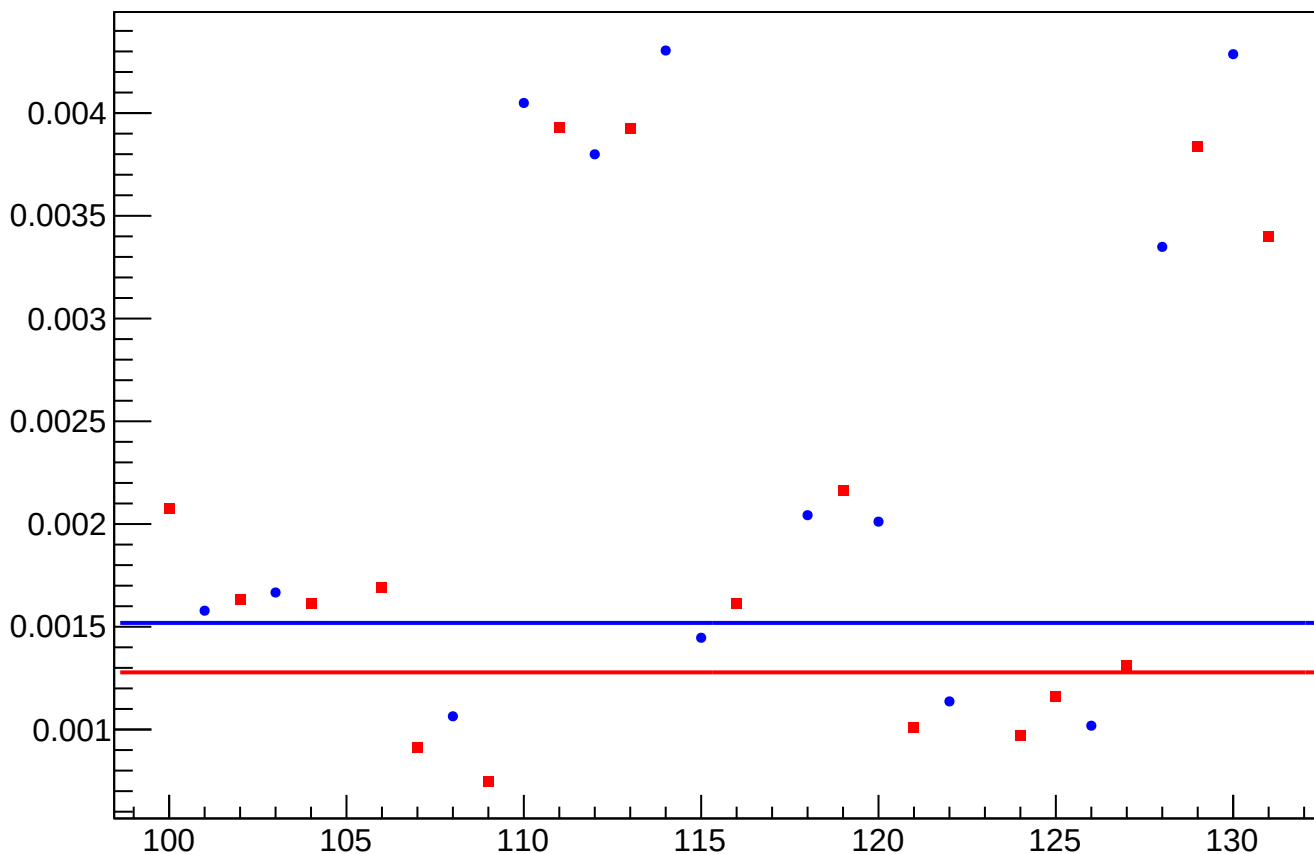
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/12
 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 : 31.9/28
 In: 0.000+/-0.000 χ^2/NDF : 14.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 31.9/28

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 2038986.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 2476541.3/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 4651413.0/28

In: 0.002+/-0.000

χ^2/NDF : 2038986.8/12

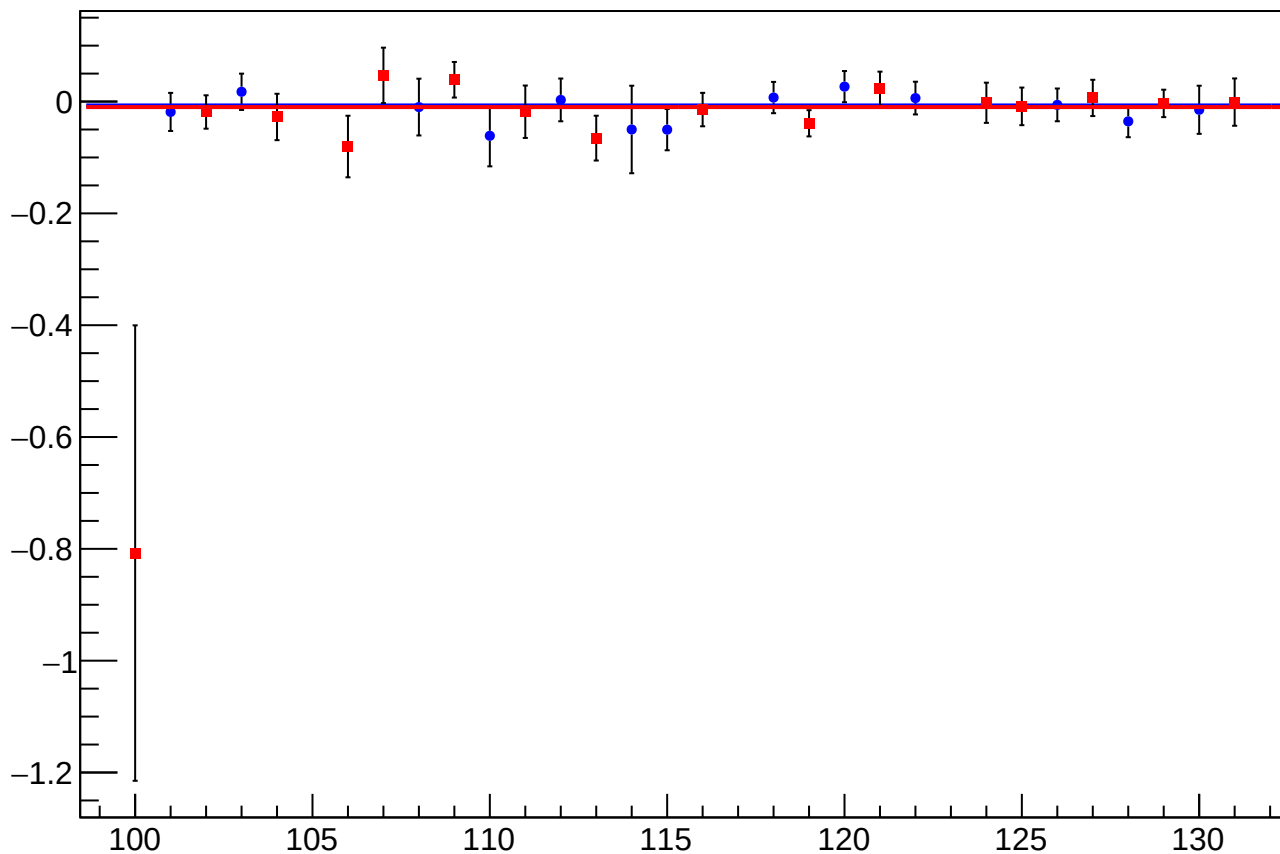
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 4651413.0/28

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

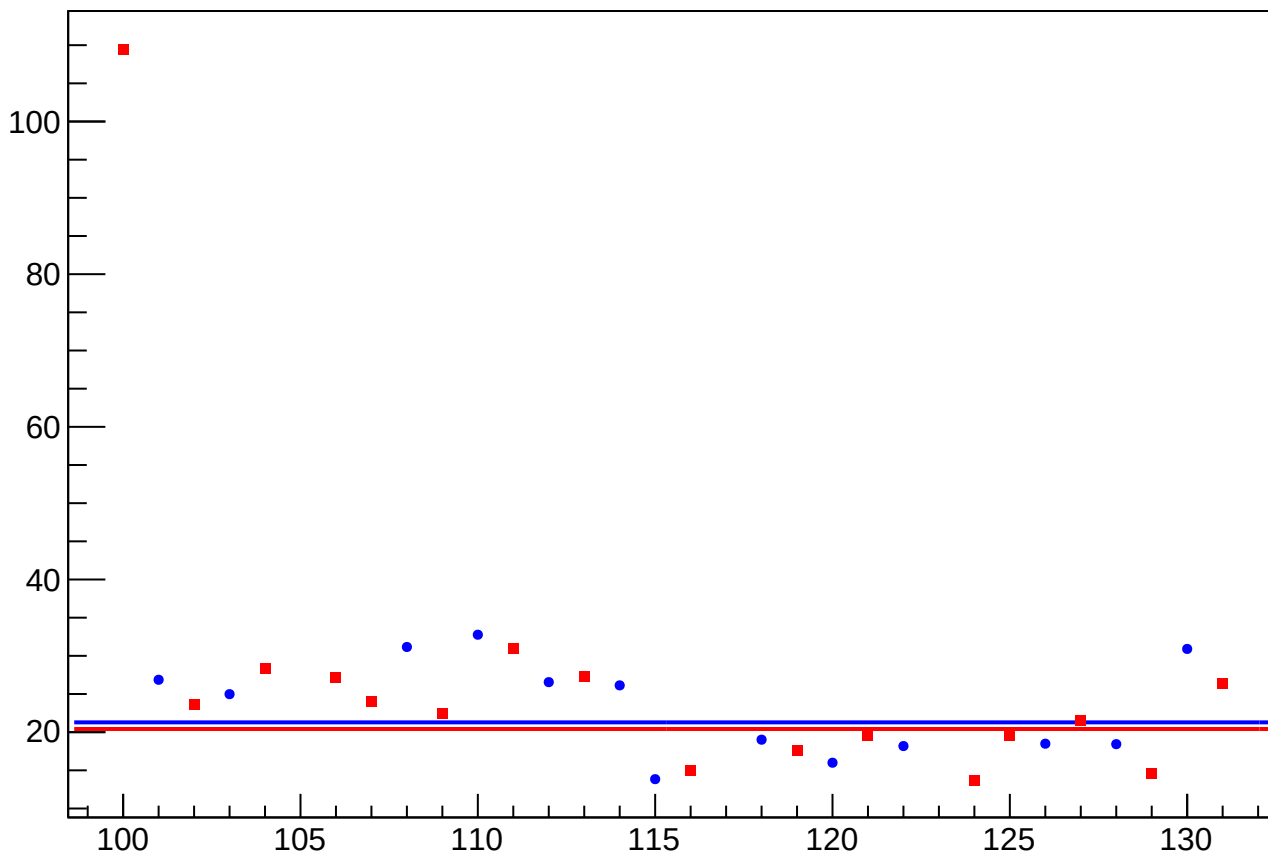
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

In: -0.007 $\pm$ 0.010 χ^2 /NDF:6.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.418+/-0.006 χ^2/NDF : 723416.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

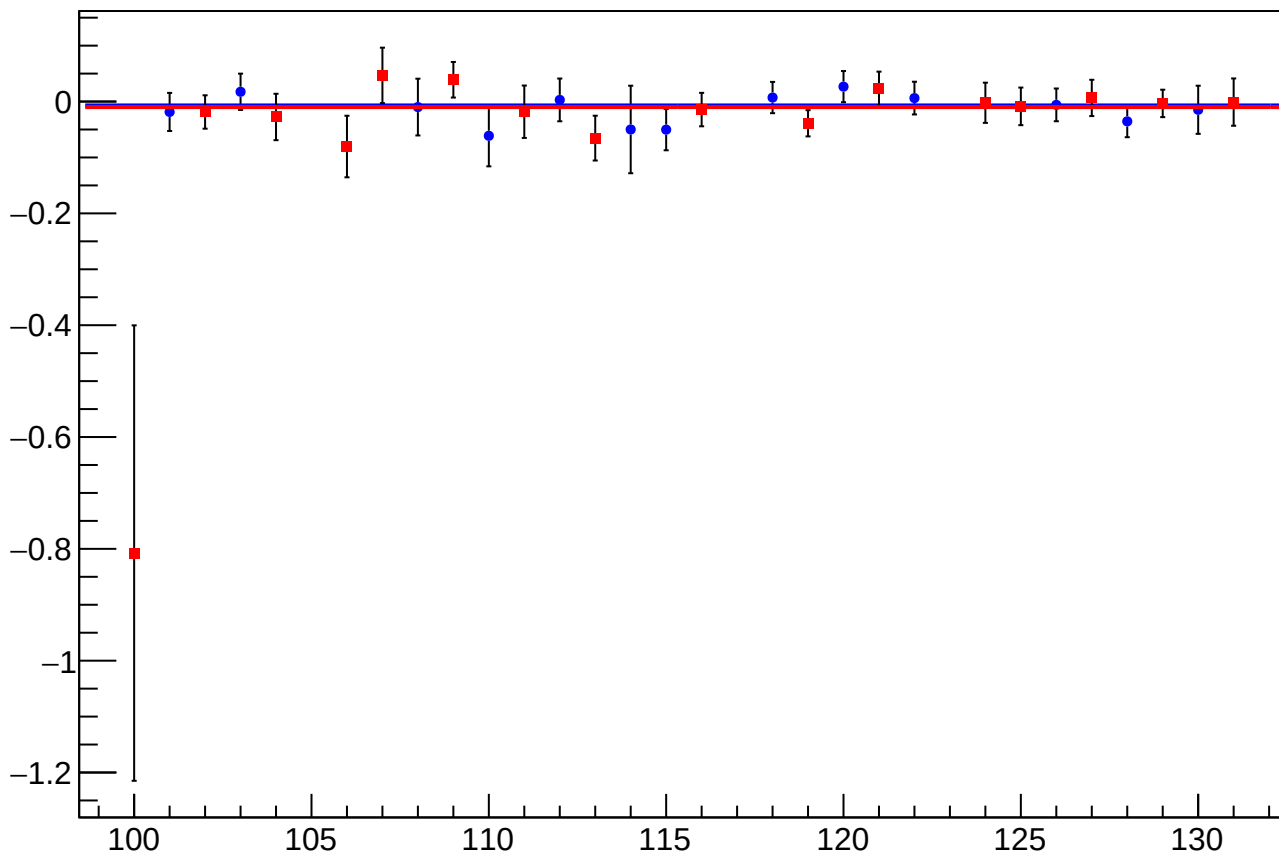
Right: 20.806+/-0.005 χ^2/NDF : 1348993.9/28

In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.806+/-0.005 χ^2/NDF : 1348993.9/28

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

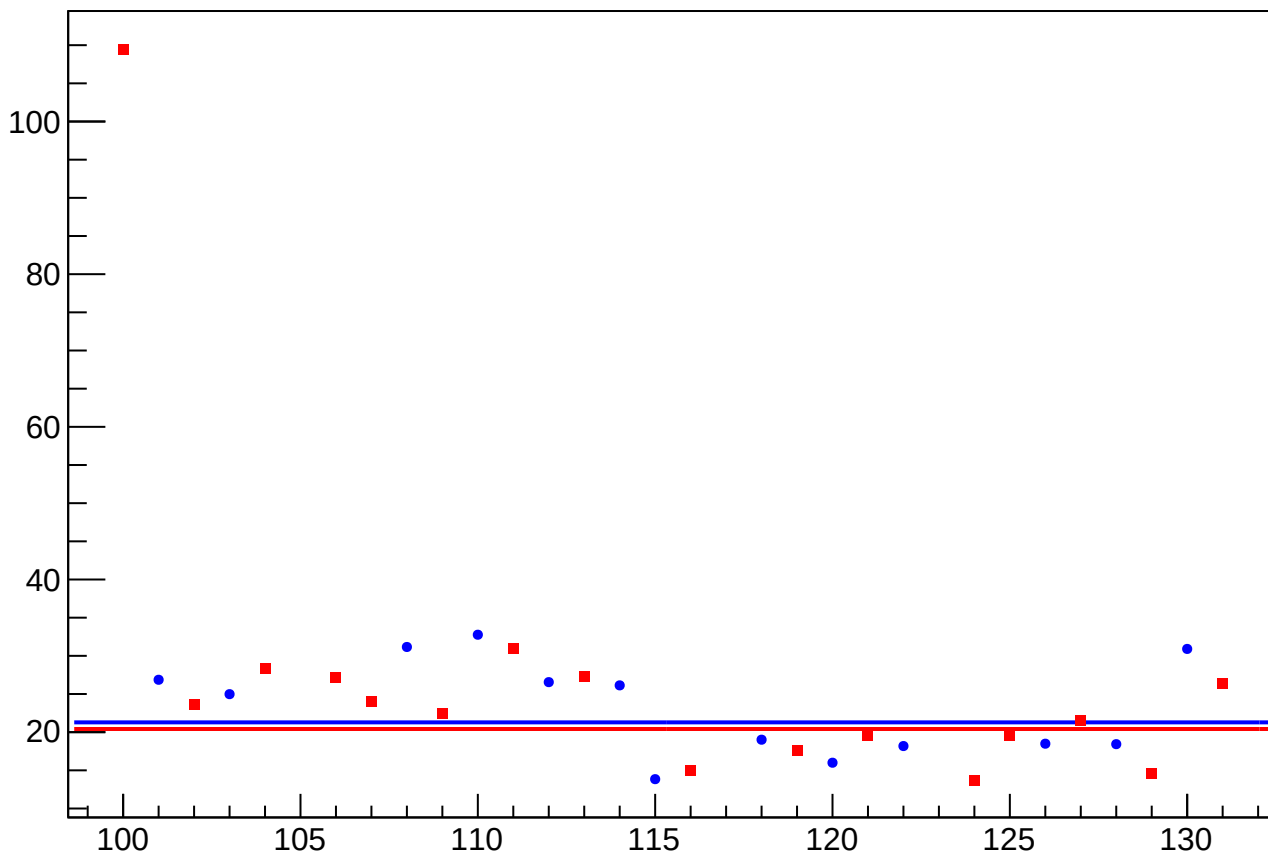
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

In: -0.007 $\pm$ 0.010 χ^2 /NDF:6.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 20.9/28

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.418+/-0.006 χ^2/NDF : 723416.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

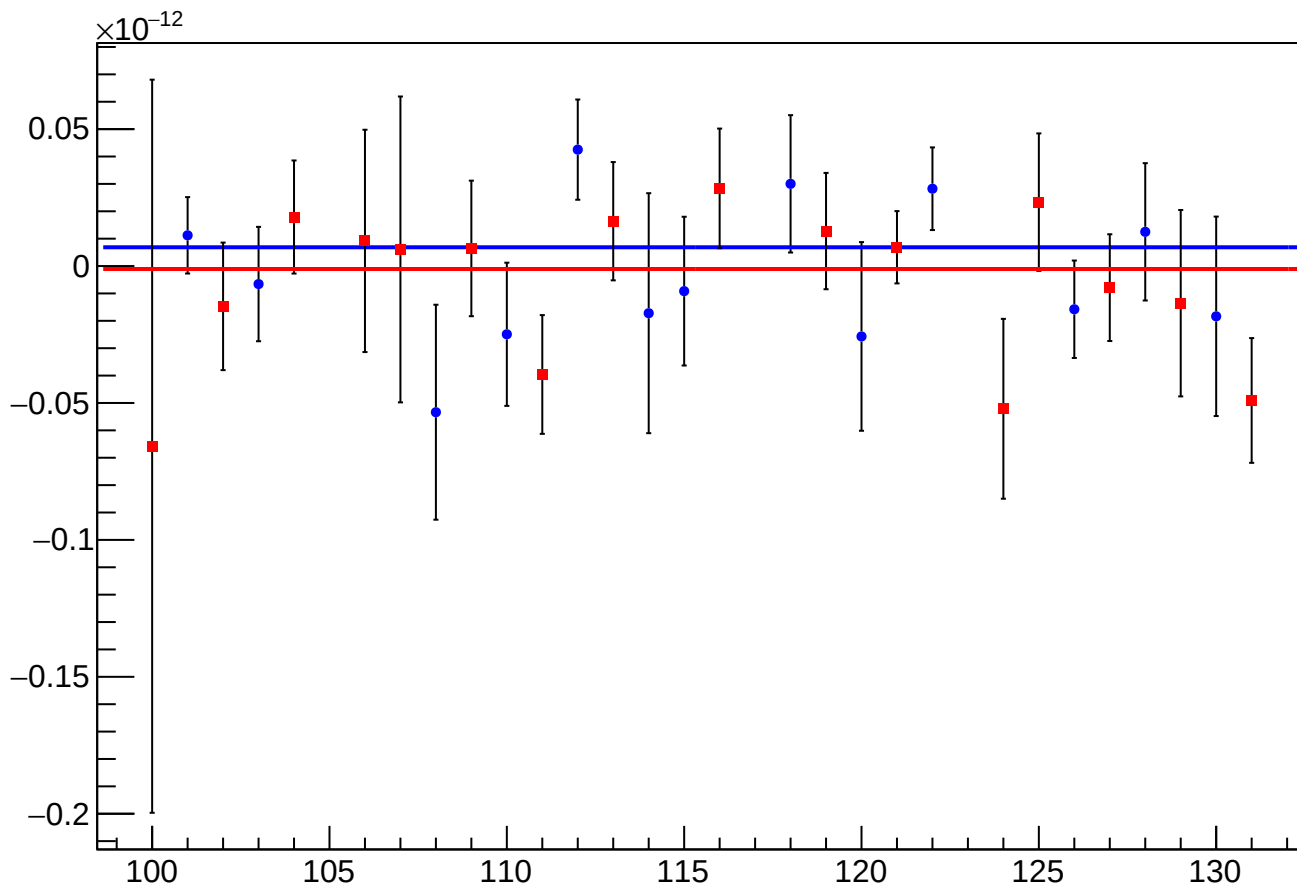
Right: 20.806+/-0.005 χ^2/NDF : 1348993.9/28

In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.806+/-0.005 χ^2/NDF : 1348993.9/28

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.7/12

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

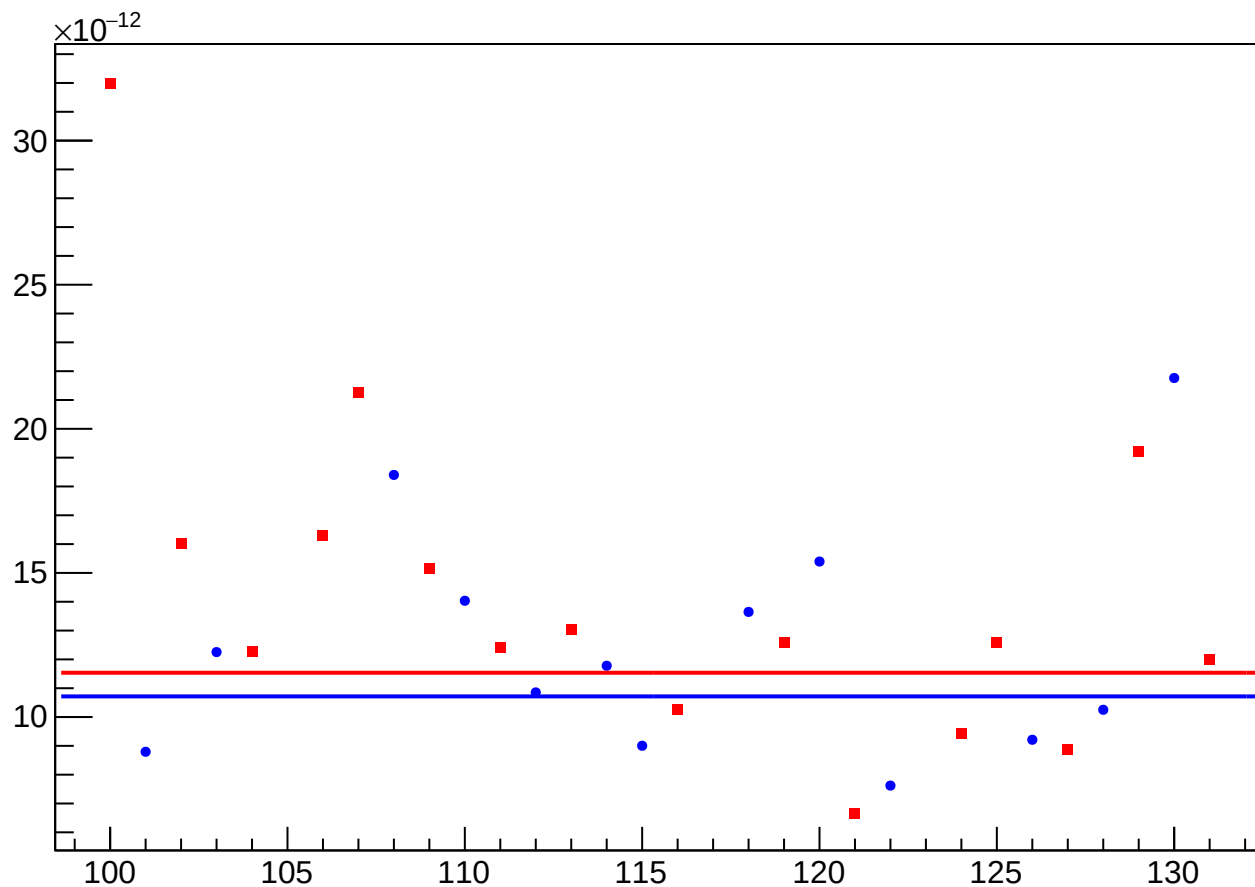
Right: 0.000+/-0.000 χ^2/NDF : 31.6/28

In: 0.000+/-0.000 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.6/28

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 514252.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704623.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

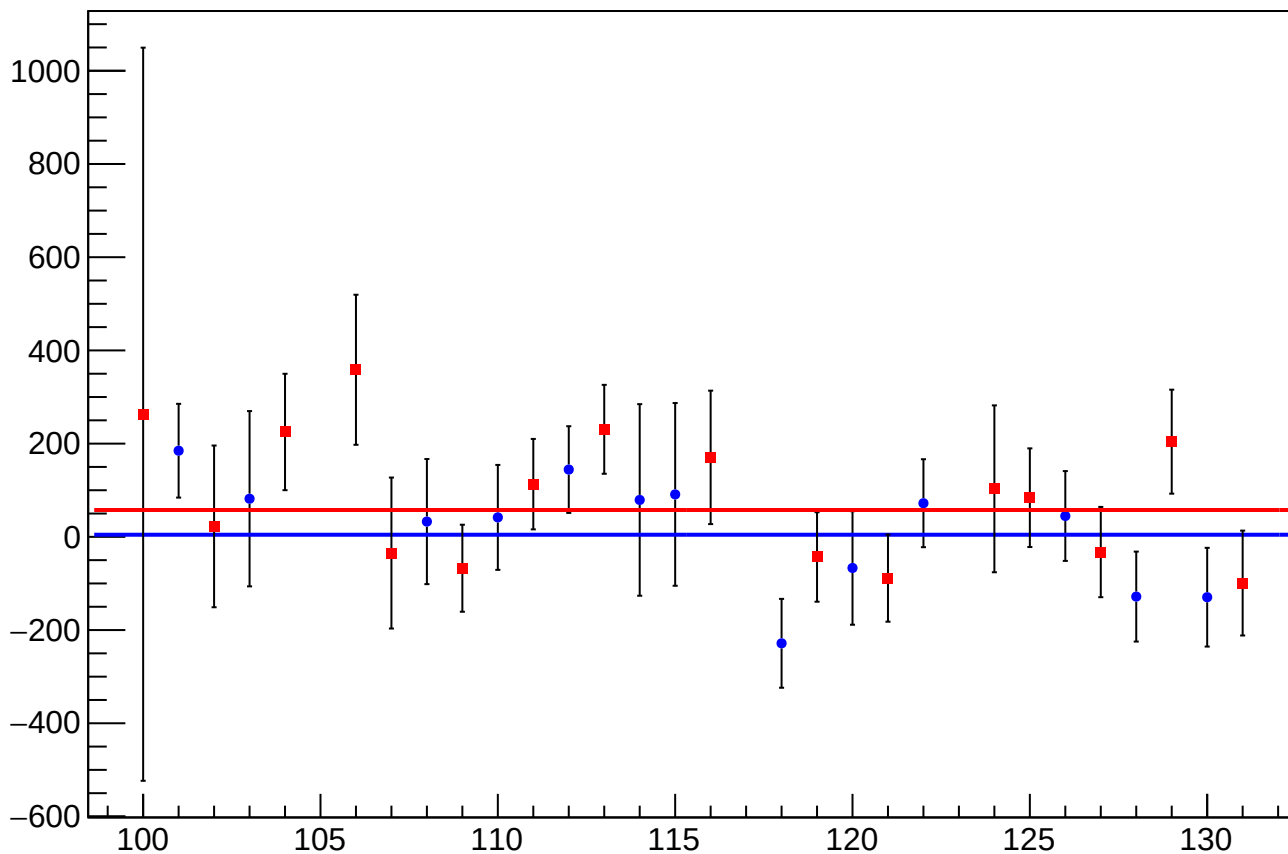
Right: 0.000+/-0.000 χ^2/NDF : 1237630.1/28

In: 0.000+/-0.000 χ^2/NDF : 514252.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1237630.1/28

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 4.525+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.582+/-29.302 χ^2/NDF : 20.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

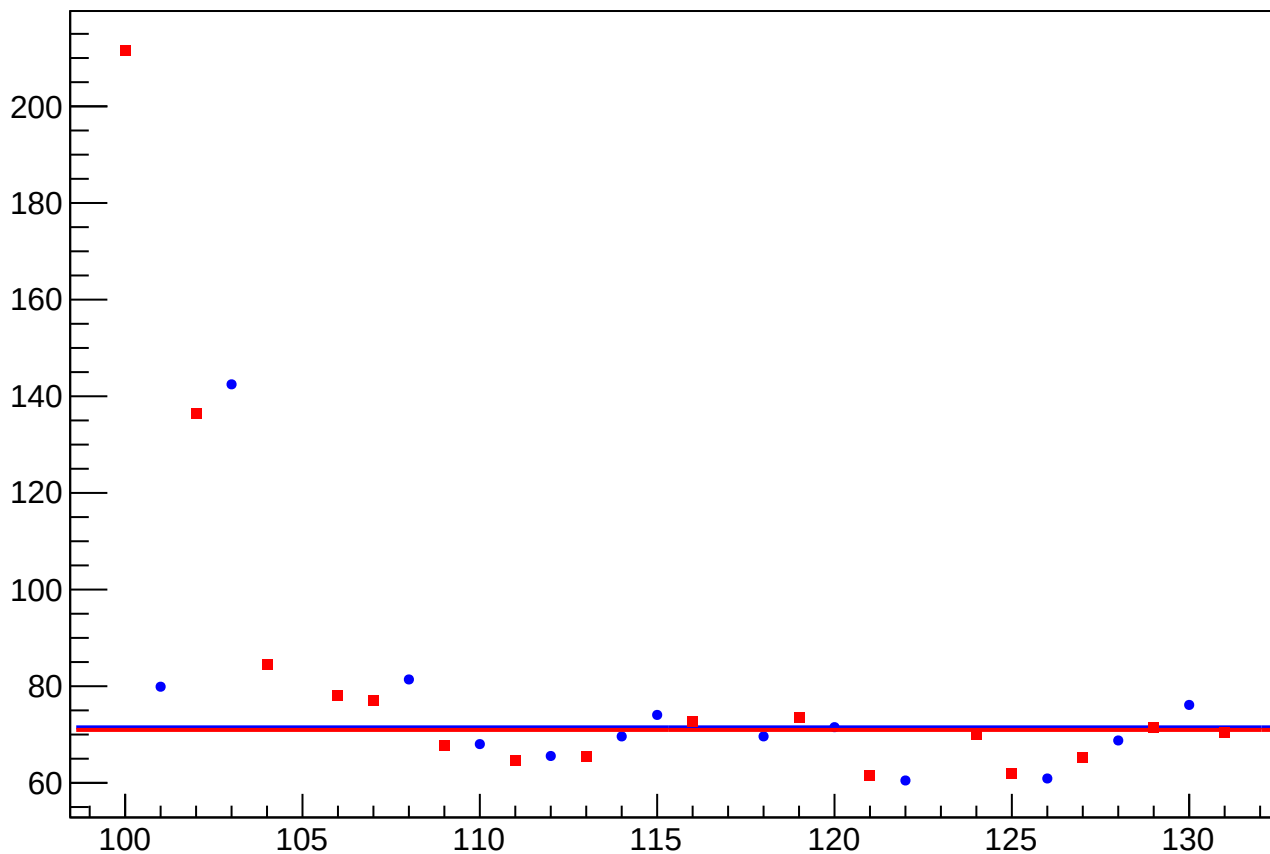
Right: 32.801+/-21.391 χ^2/NDF : 38.1/28

In: 4.525+/-31.300 χ^2/NDF : 16.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.801+/-21.391 χ^2/NDF : 38.1/28

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.487+/-0.022 χ^2/NDF : 377859.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.957+/-0.021 χ^2/NDF : 440069.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

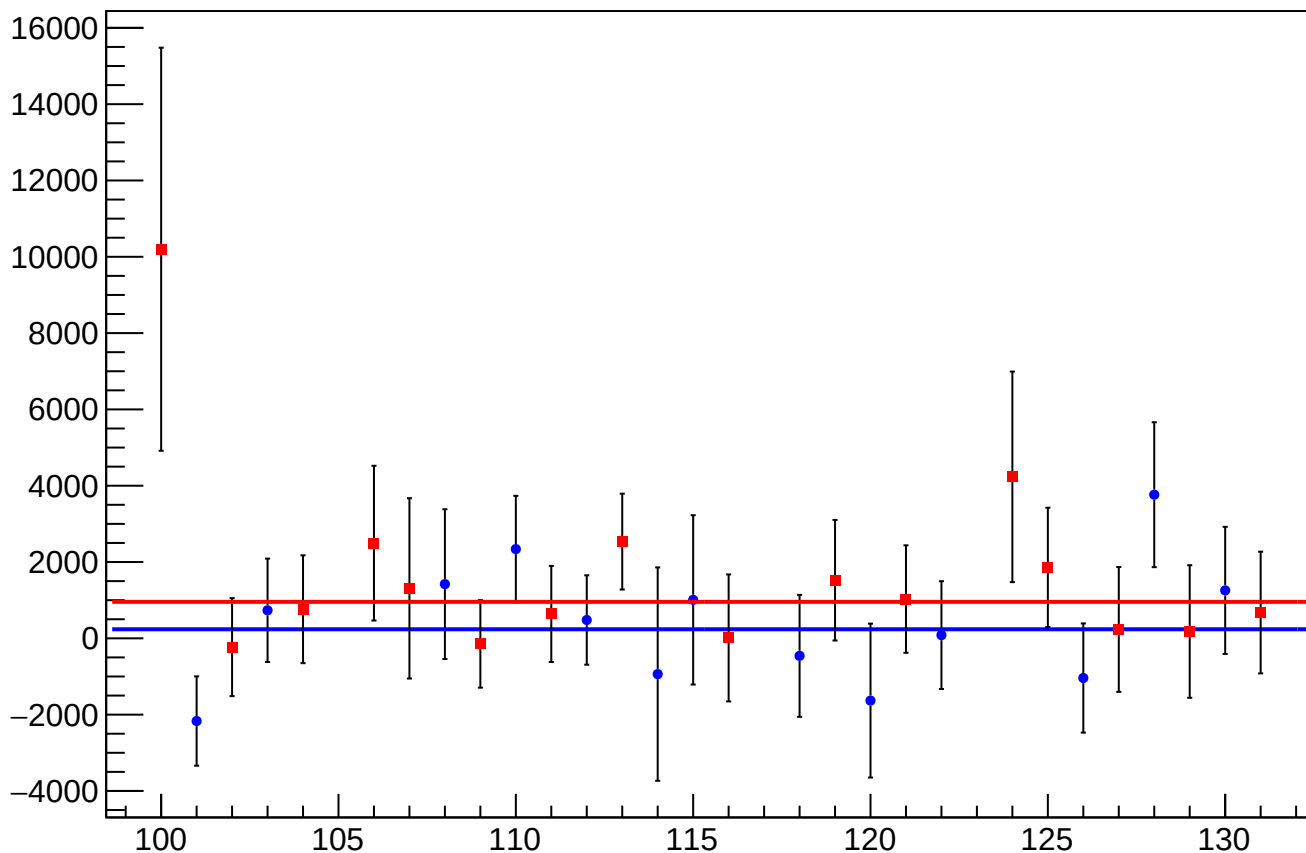
Right: 71.204+/-0.015 χ^2/NDF : 818234.1/28

In: 71.487+/-0.022 χ^2/NDF : 377859.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.204+/-0.015 χ^2/NDF : 818234.1/28

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 237.383+/-431.477 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.127+/-392.459 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

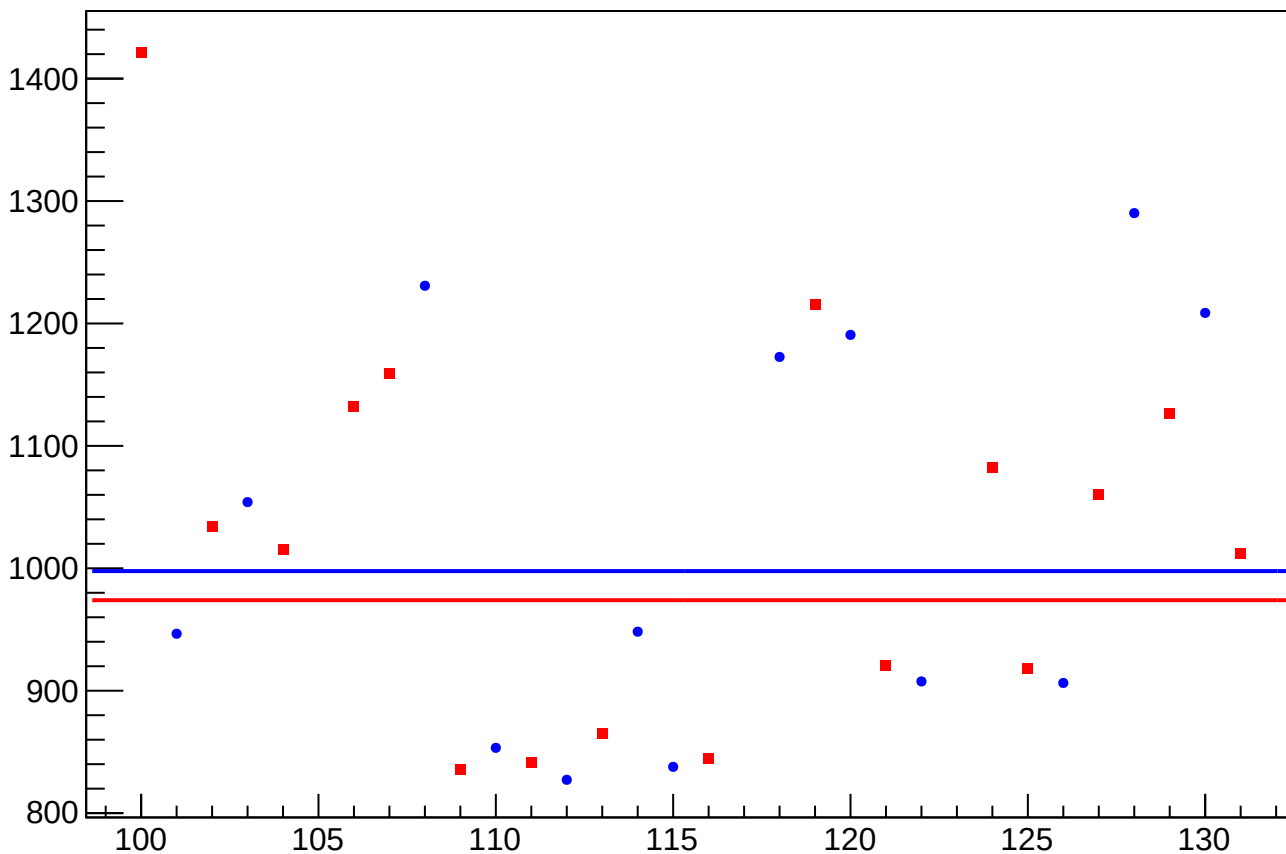
Right: 630.715+/-290.327 χ^2/NDF : 24.3/28

In: 237.383+/-431.477 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.715+/-290.327 χ^2/NDF : 24.3/28

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 997.723+/-0.305 χ^2/NDF : 248325.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 973.926+/-0.278 χ^2/NDF : 200688.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

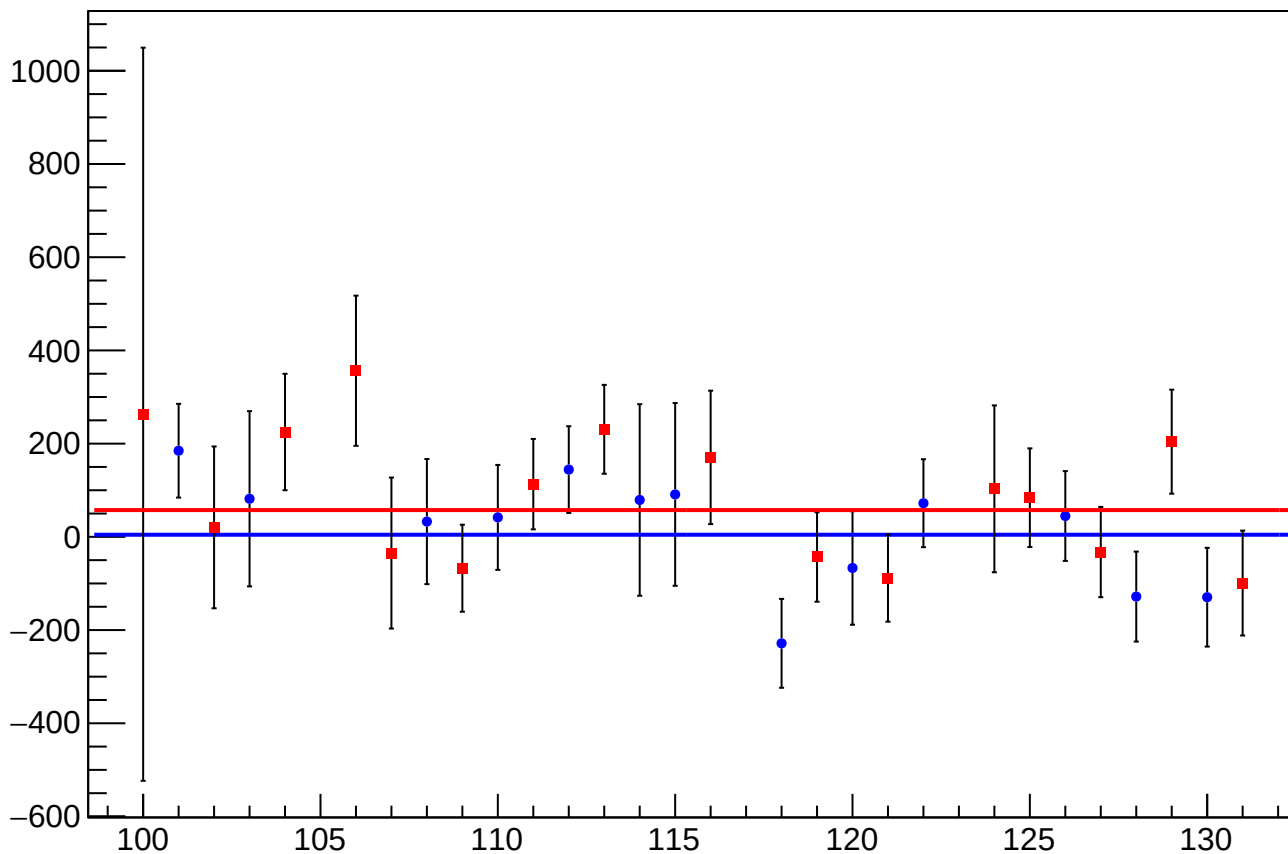
Right: 984.700+/-0.205 χ^2/NDF : 452343.0/28

In: 997.723+/-0.305 χ^2/NDF : 248325.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.700+/-0.205 χ^2/NDF : 452343.0/28

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.428+/-29.304 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

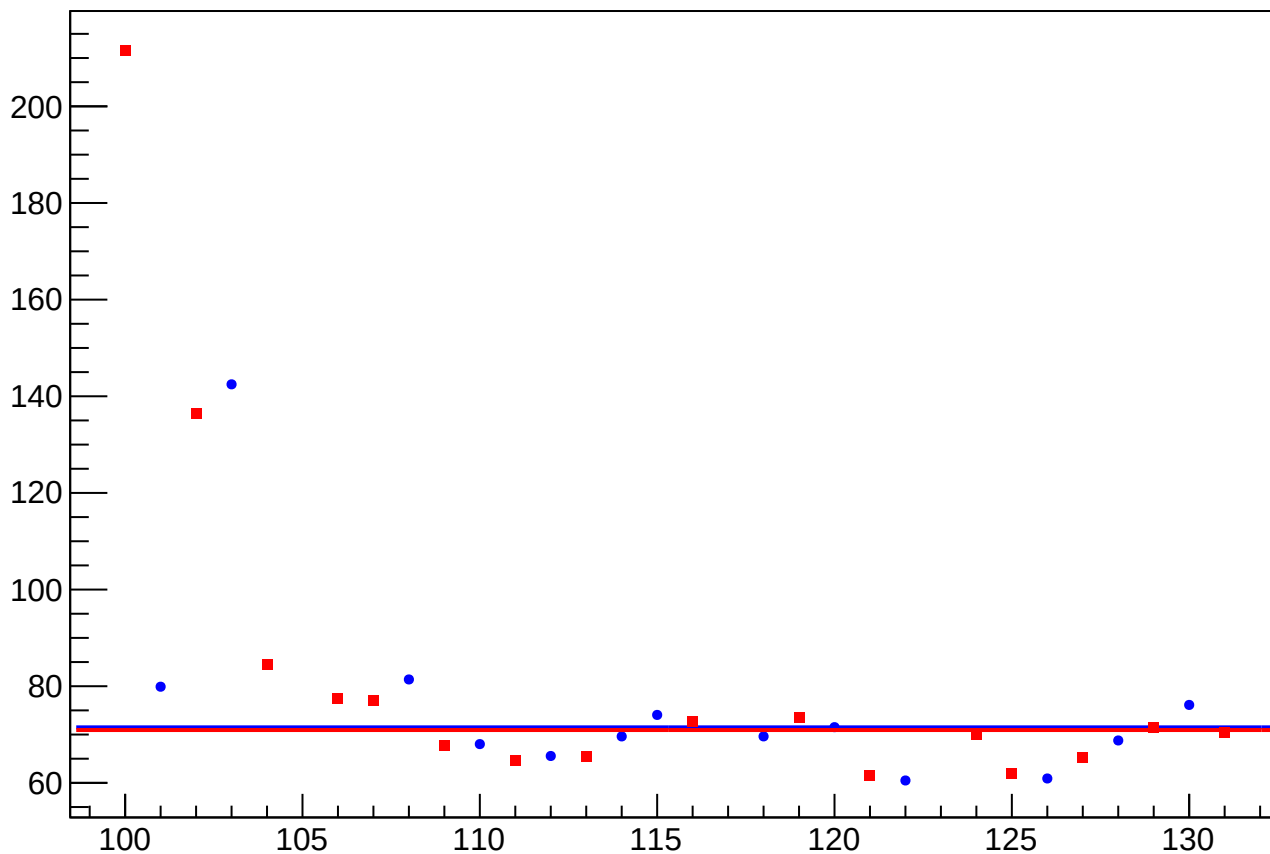
Right: 32.713+/-21.392 χ^2/NDF : 38.1/28

In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.713+/-21.392 χ^2/NDF : 38.1/28

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.933+/-0.021 χ^2/NDF : 439602.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

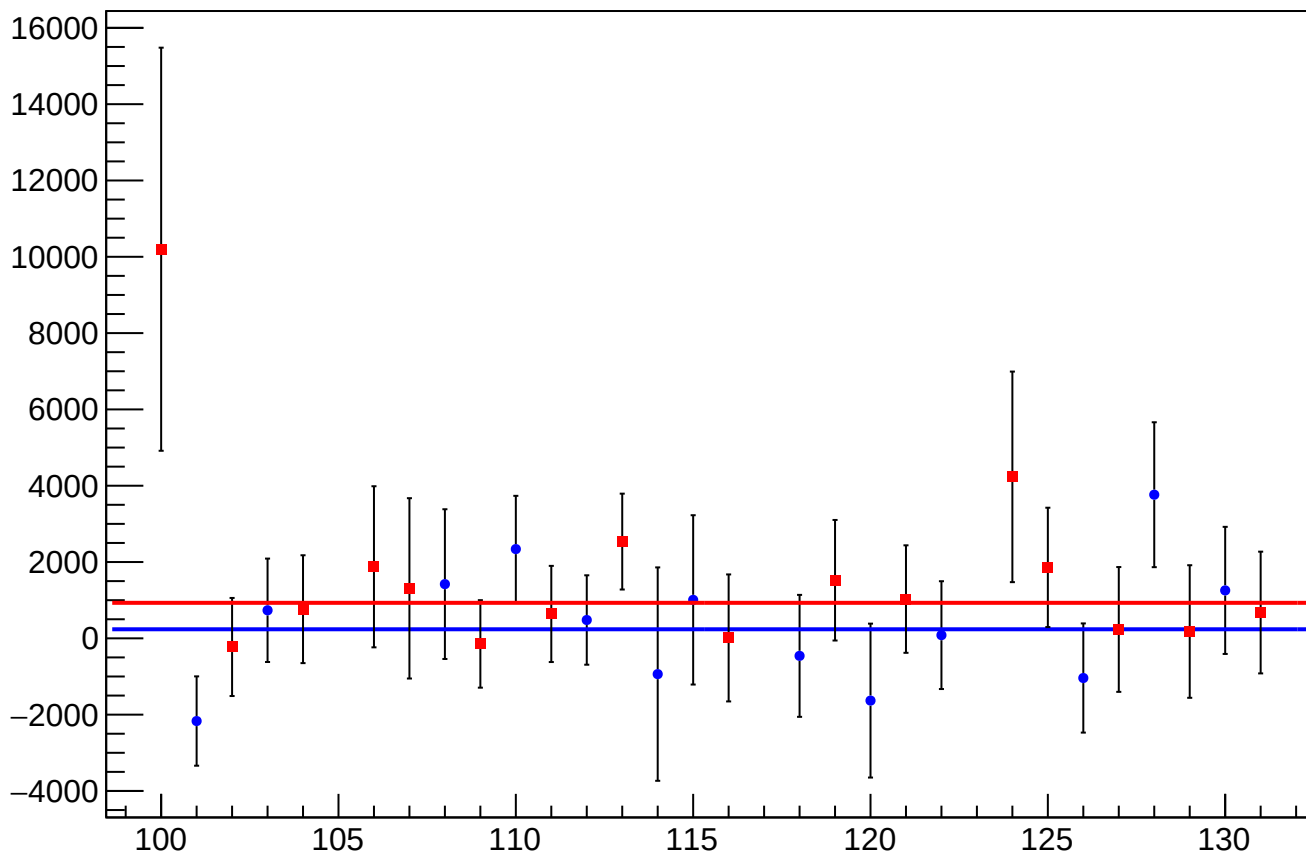
Right: 71.192+/-0.015 χ^2/NDF : 817797.4/28

In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.192+/-0.015 χ^2/NDF : 817797.4/28

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.806+/-393.058 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

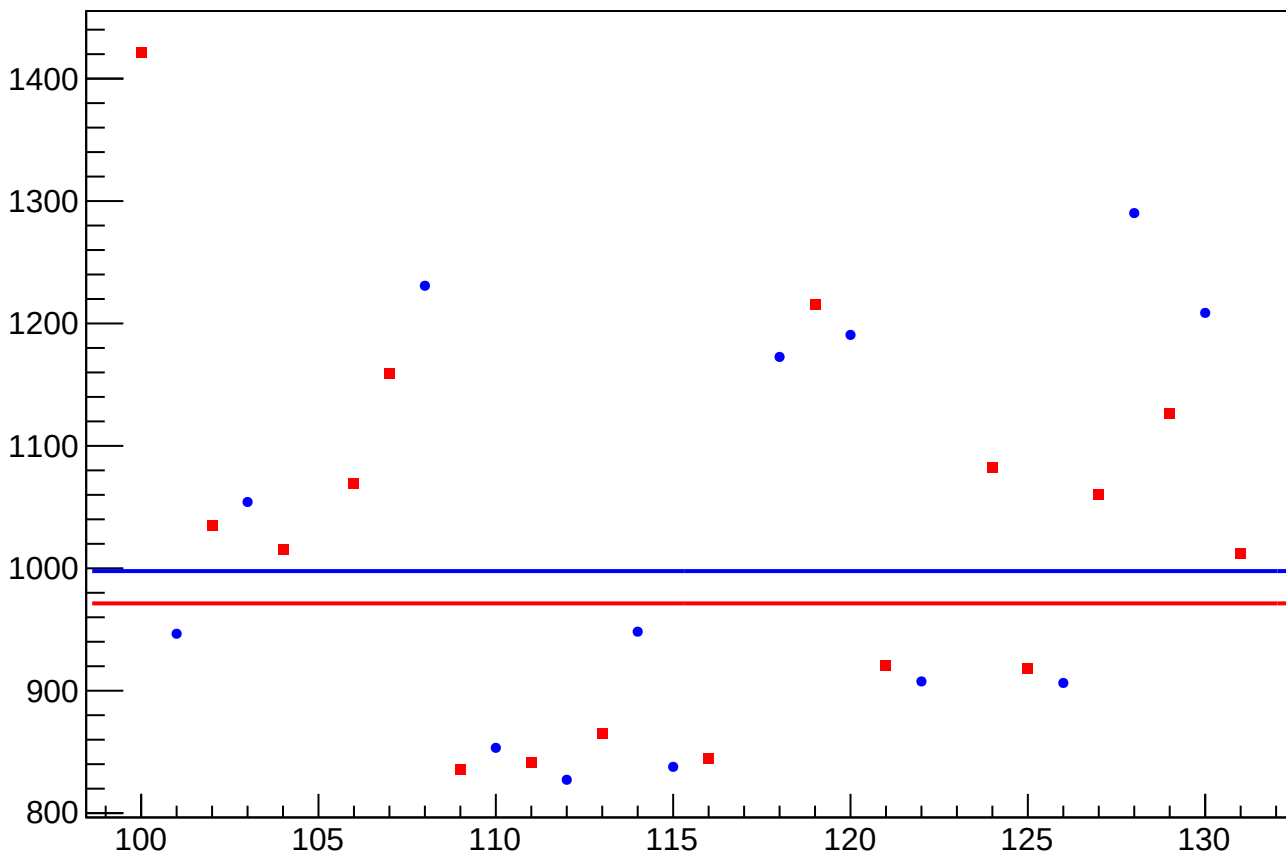
Right: 616.360+/-290.570 χ^2/NDF : 23.7/28

In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.360+/-290.570 χ^2/NDF : 23.7/28

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.355+/-0.278 χ^2/NDF : 192633.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

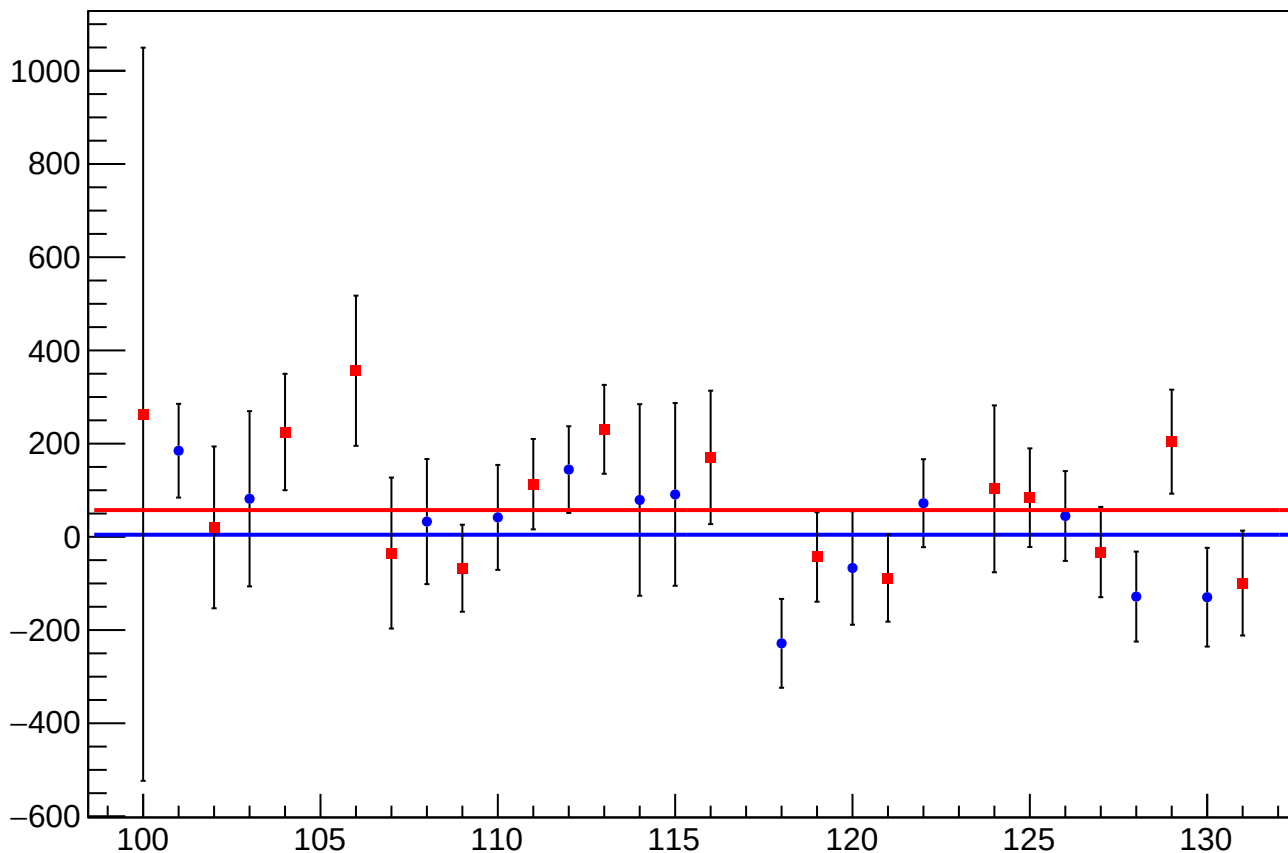
Right: 983.316+/-0.205 χ^2/NDF : 445052.3/28

In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.316+/-0.205 χ^2/NDF : 445052.3/28

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.428+/-29.304 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

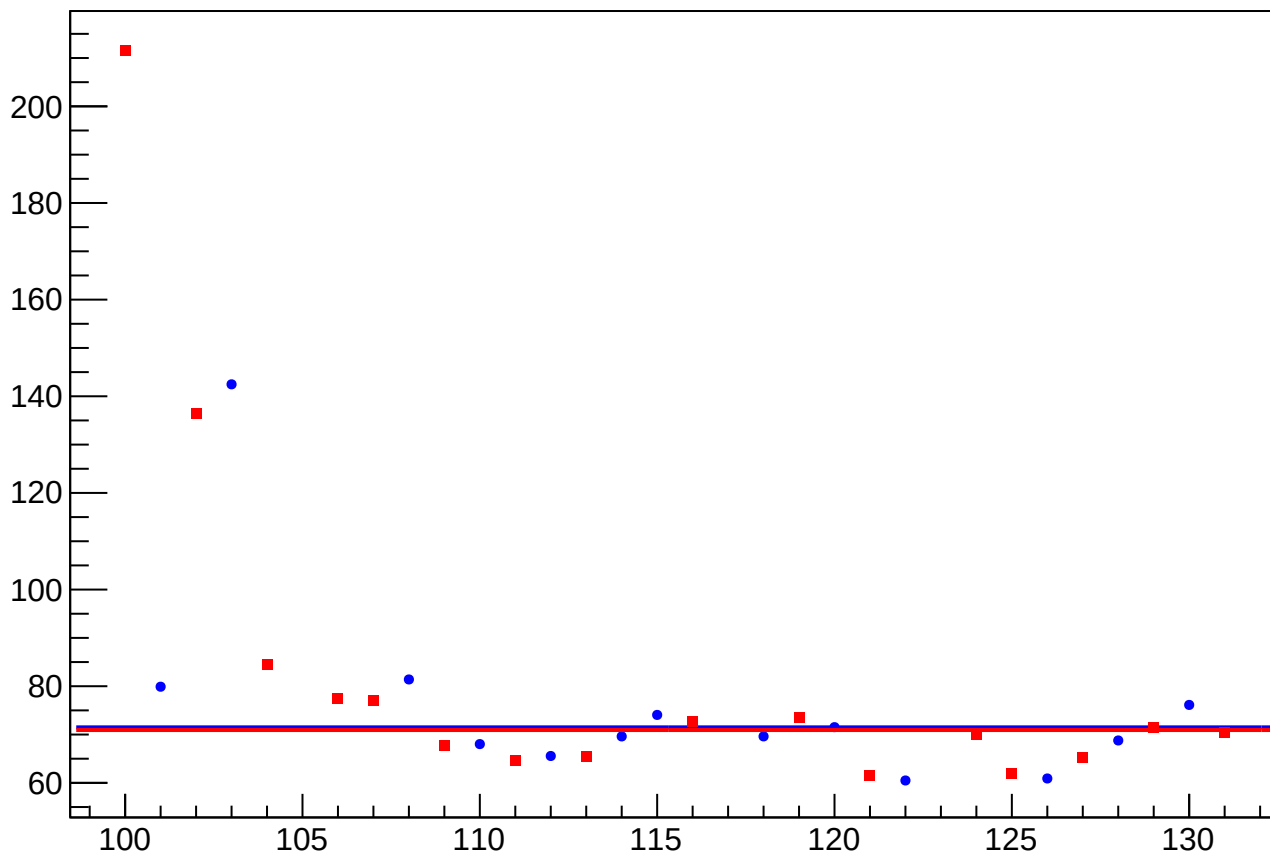
Right: 32.713+/-21.392 χ^2/NDF : 38.1/28

In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.713+/-21.392 χ^2/NDF : 38.1/28

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.933+/-0.021 χ^2/NDF : 439602.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

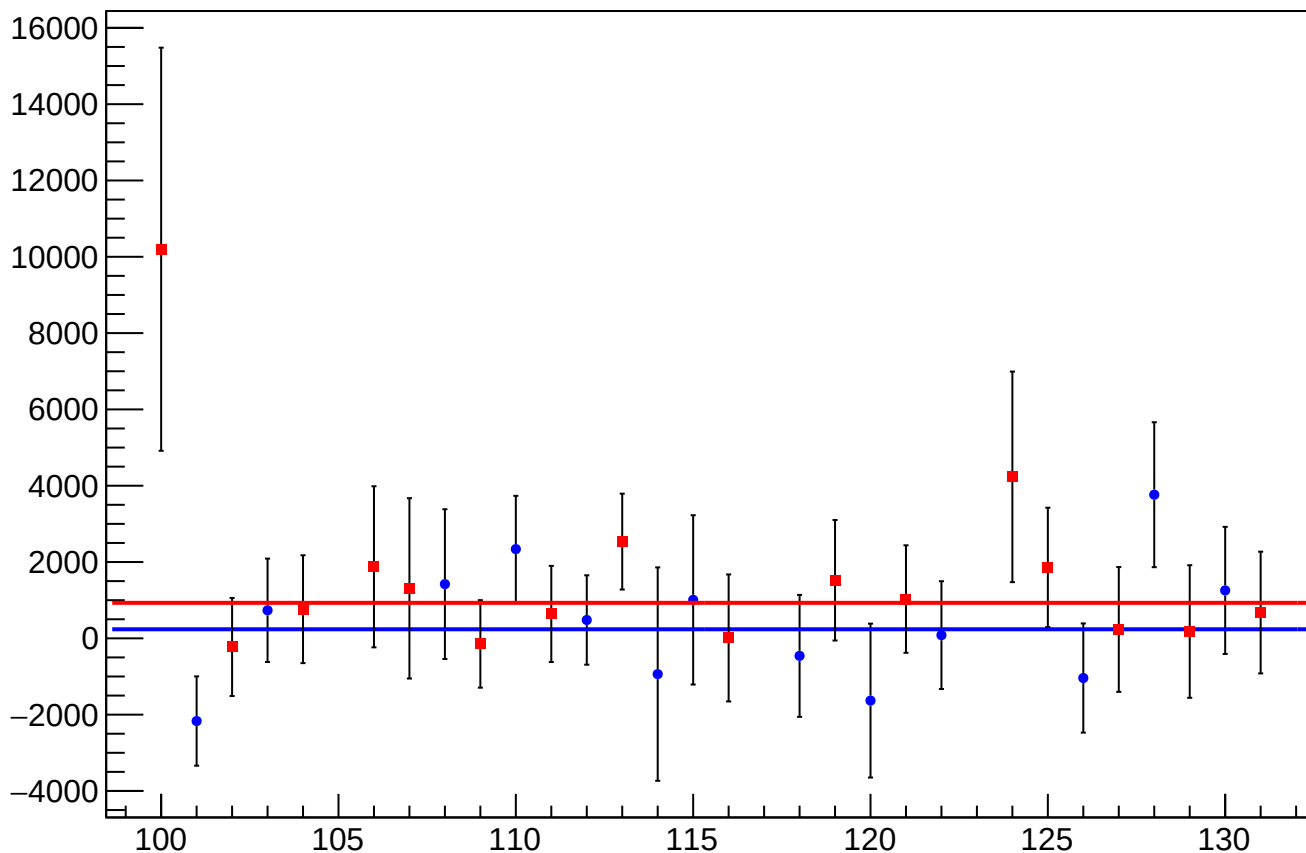
Right: 71.192+/-0.015 χ^2/NDF : 817797.4/28

In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.192+/-0.015 χ^2/NDF : 817797.4/28

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.806+/-393.058 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

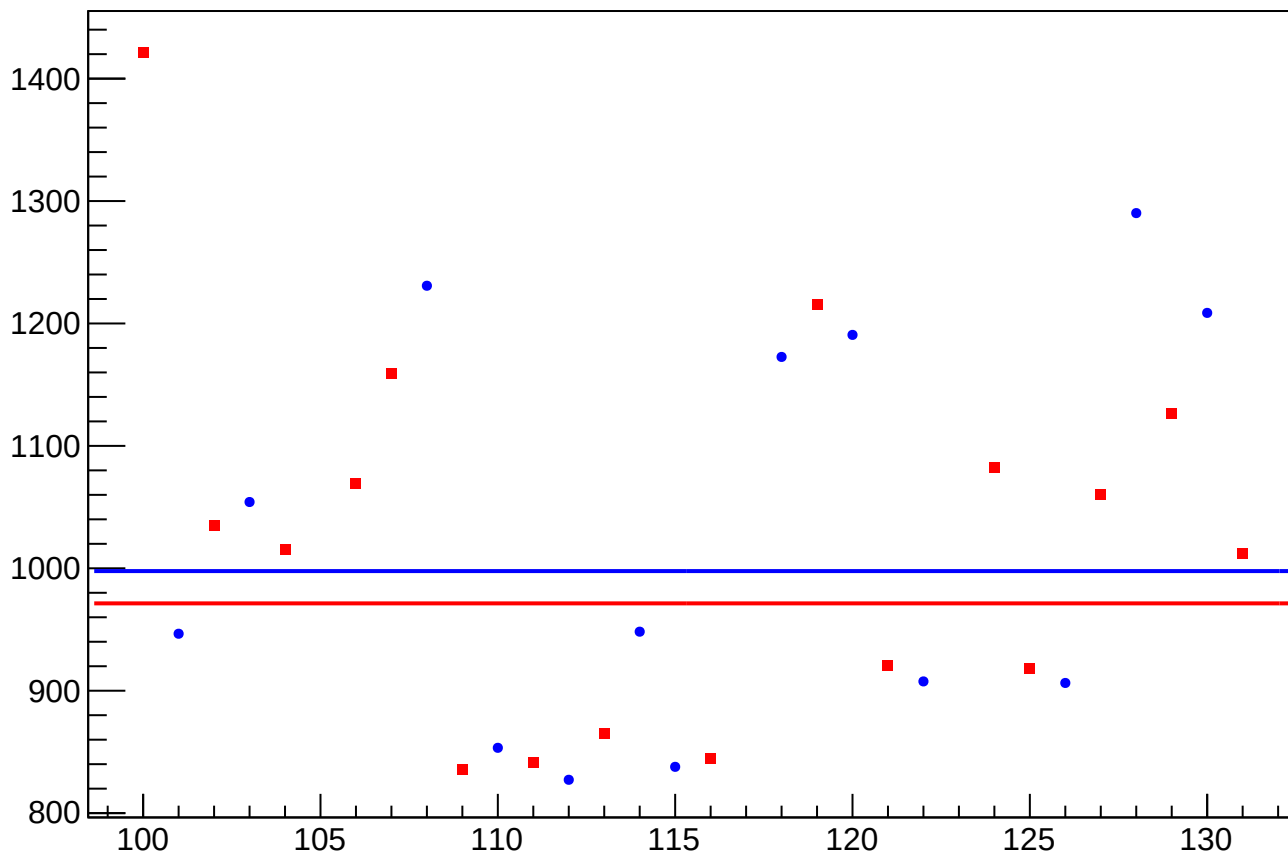
Right: 616.360+/-290.570 χ^2/NDF : 23.7/28

In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.360+/-290.570 χ^2/NDF : 23.7/28

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 971.355+/-0.278 χ^2/NDF : 192633.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

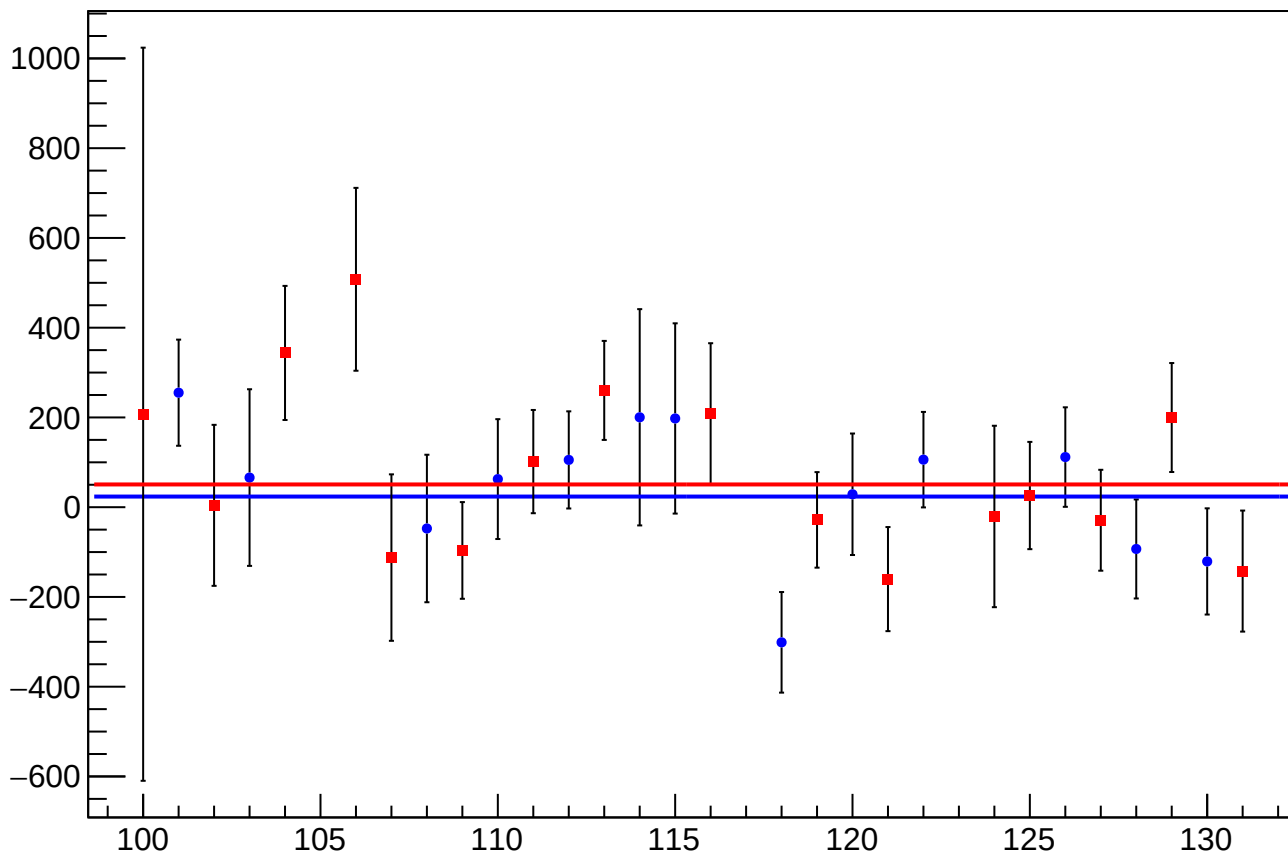
Right: 983.316+/-0.205 χ^2/NDF : 445052.3/28

In: 997.731+/-0.305 χ^2/NDF :248335.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 983.316+/-0.205 χ^2/NDF : 445052.3/28

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 23.697+/-35.976 χ^2/NDF : 18.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.686+/-33.829 χ^2/NDF : 24.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

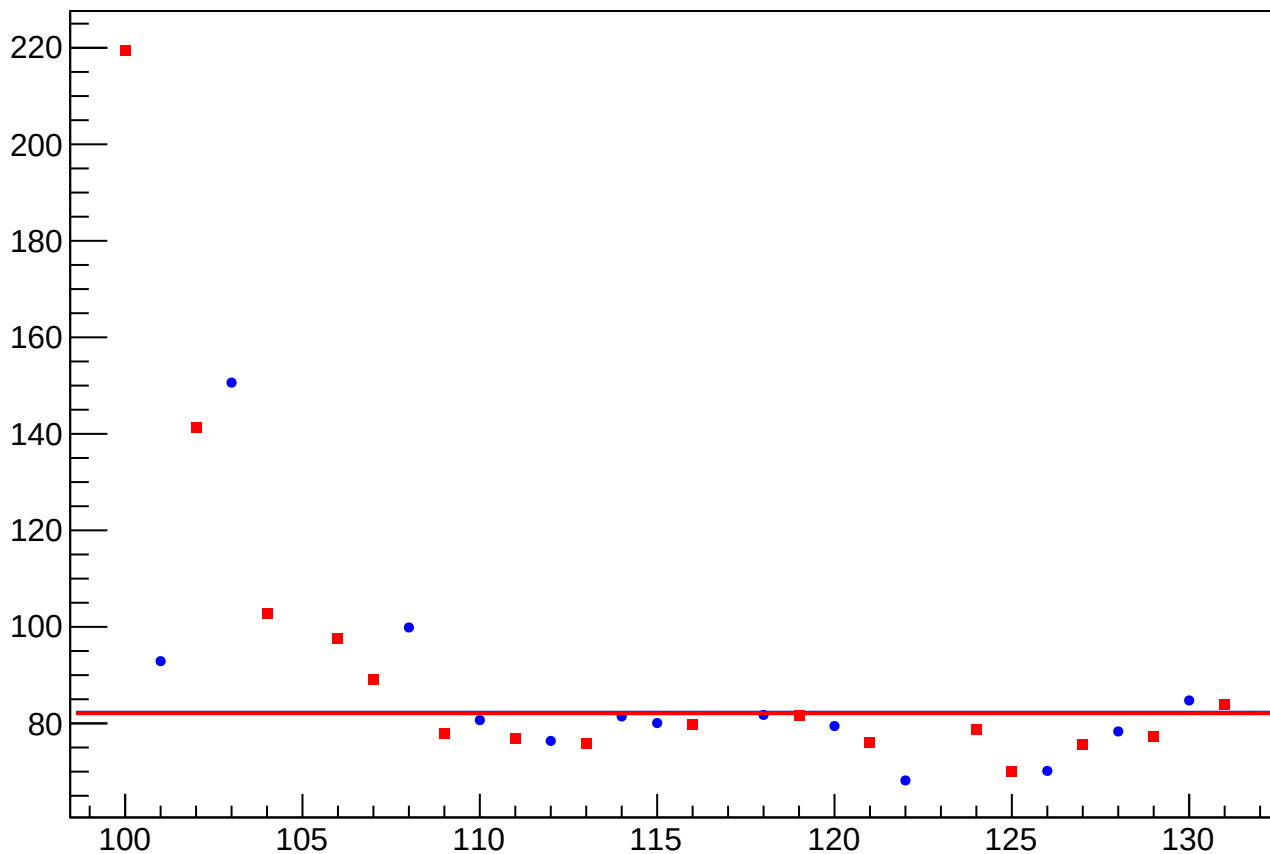
Right: 38.021+/-24.645 χ^2/NDF : 43.0/28

In: 23.697+/-35.976 χ^2/NDF : 18.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.021+/-24.645 χ^2/NDF : 43.0/28

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.202+/-0.025 χ^2/NDF : 350028.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.101+/-0.024 χ^2/NDF : 377635.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

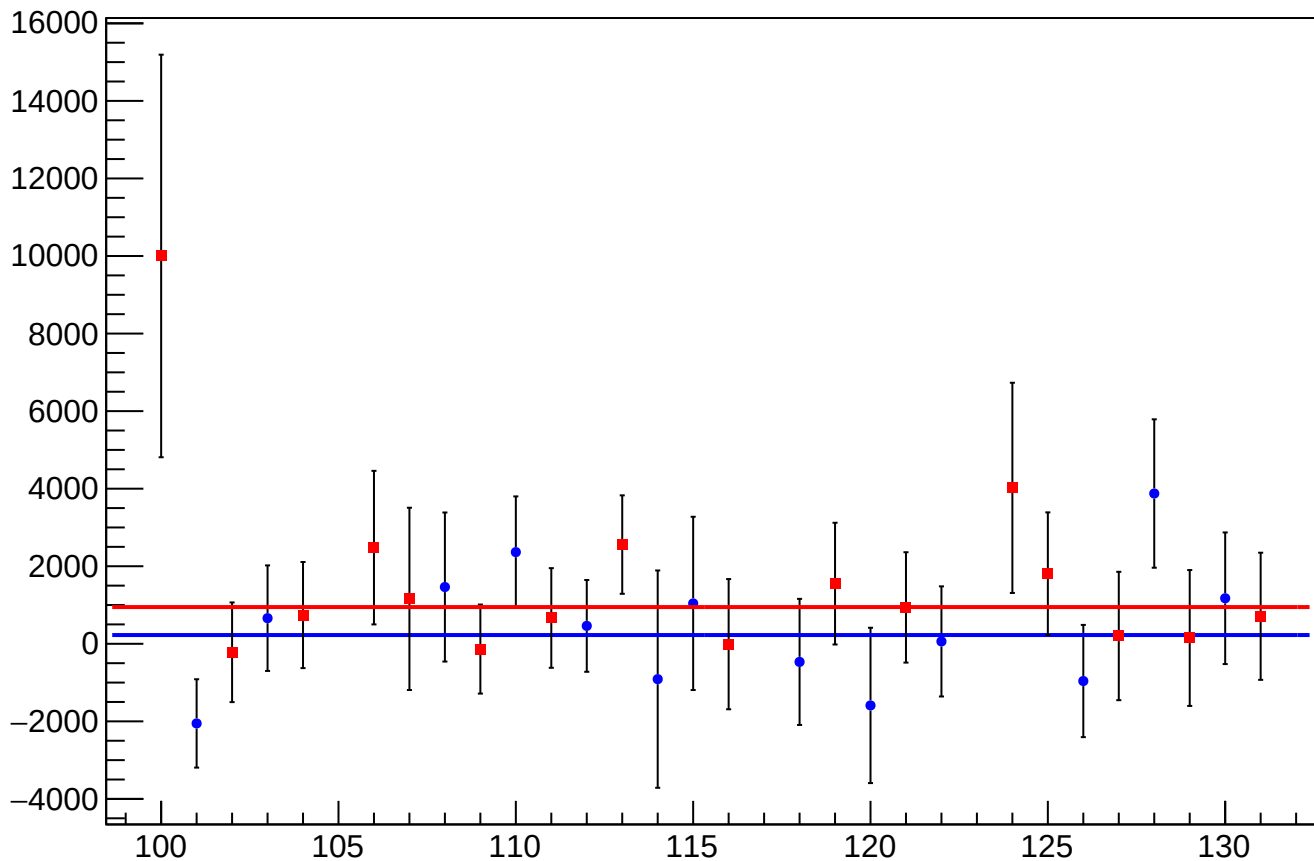
Right: 82.148+/-0.017 χ^2/NDF : 727672.8/28

In: 82.202+/-0.025 χ^2/NDF : 350028.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.148+/-0.017 χ^2/NDF : 727672.8/28

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 225.933+/-433.223 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.294+/-393.724 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

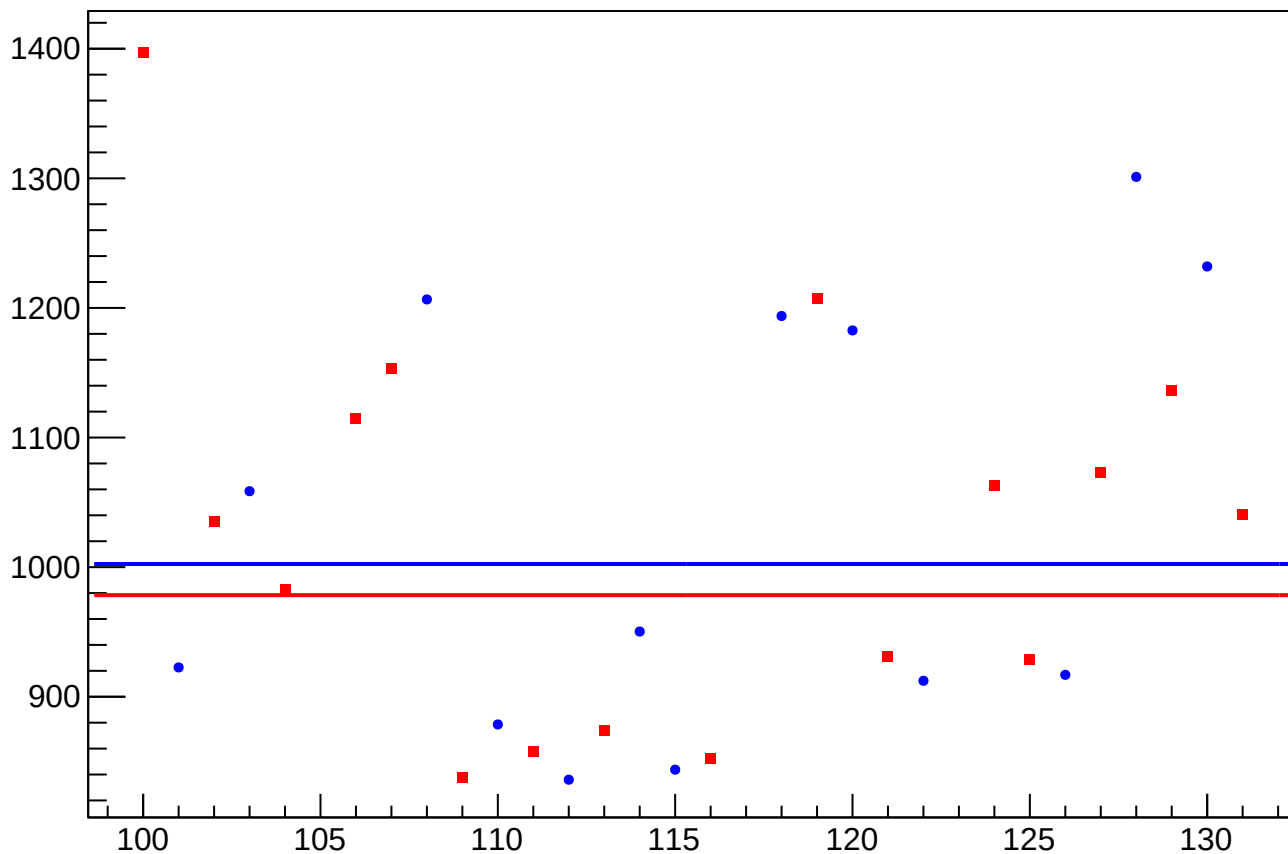
Right: 620.990+/-291.371 χ^2/NDF : 23.8/28

In: 225.933+/-433.223 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.990+/-291.371 χ^2/NDF : 23.8/28

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.430+/-0.306 χ^2/NDF : 245210.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 978.382+/-0.278 χ^2/NDF : 184287.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

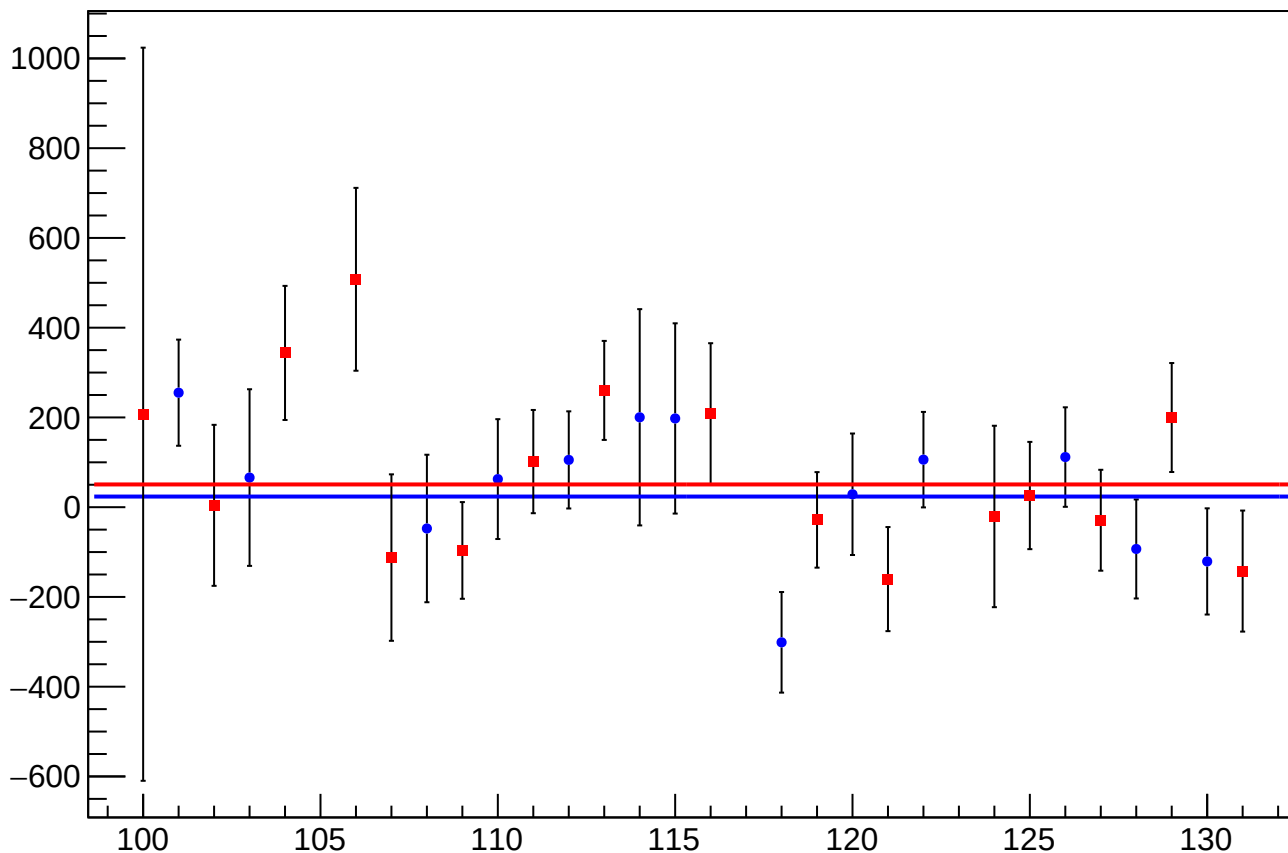
Right: 989.260+/-0.206 χ^2/NDF : 432873.0/28

In: 1002.430+/-0.306 χ^2/NDF :245210.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 989.260+/-0.206 χ^2/NDF : 432873.0/28

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 23.695+/-35.976 χ^2/NDF : 18.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.684+/-33.829 χ^2/NDF : 24.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

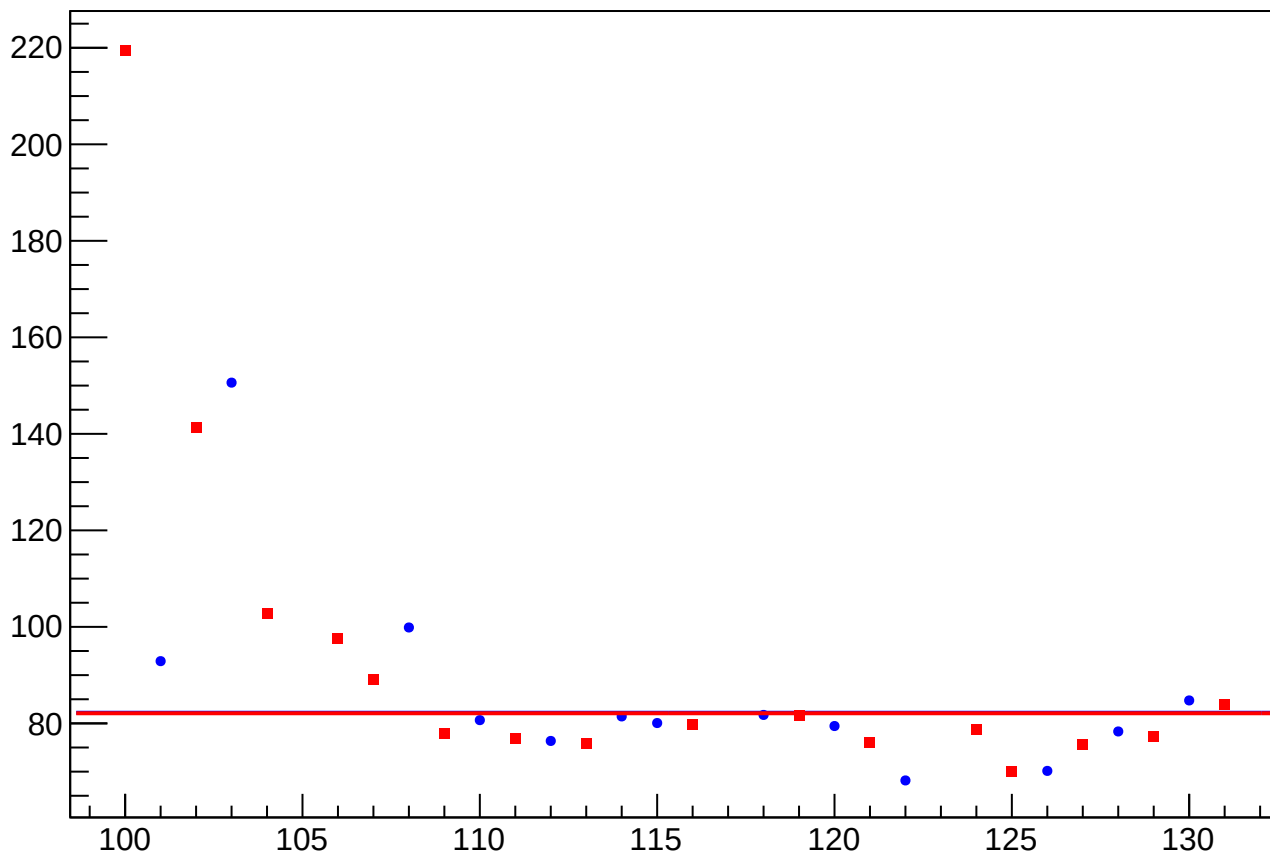
Right: 38.019+/-24.645 χ^2/NDF : 43.0/28

In: 23.695+/-35.976 χ^2/NDF : 18.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.019+/-24.645 χ^2/NDF : 43.0/28

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.202+/-0.025 χ^2/NDF : 350031.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.100+/-0.024 χ^2/NDF : 377644.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

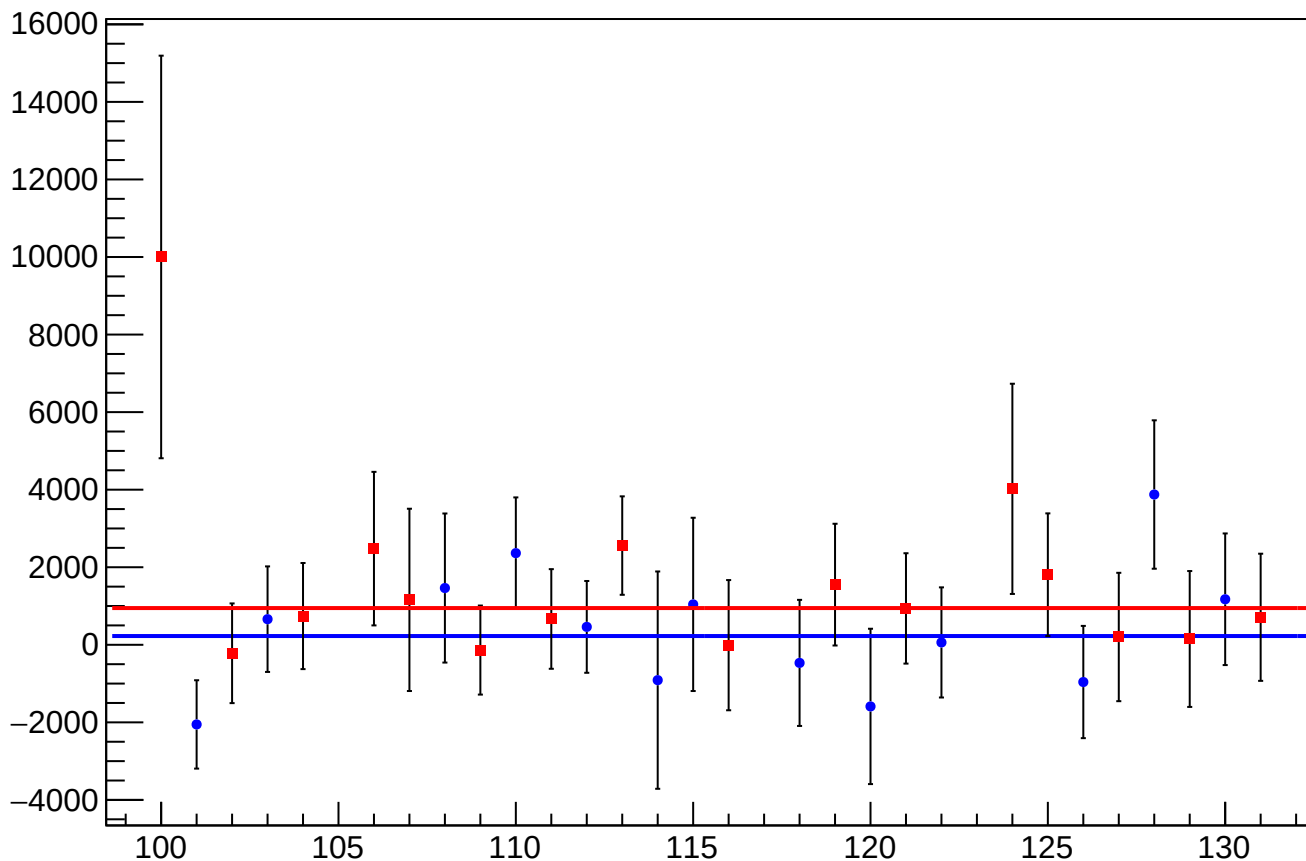
Right: 82.148+/-0.017 χ^2/NDF : 727684.1/28

In: 82.202+/-0.025 χ^2/NDF : 350031.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.148+/-0.017 χ^2/NDF : 727684.1/28

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 225.934+/-433.222 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.292+/-393.723 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

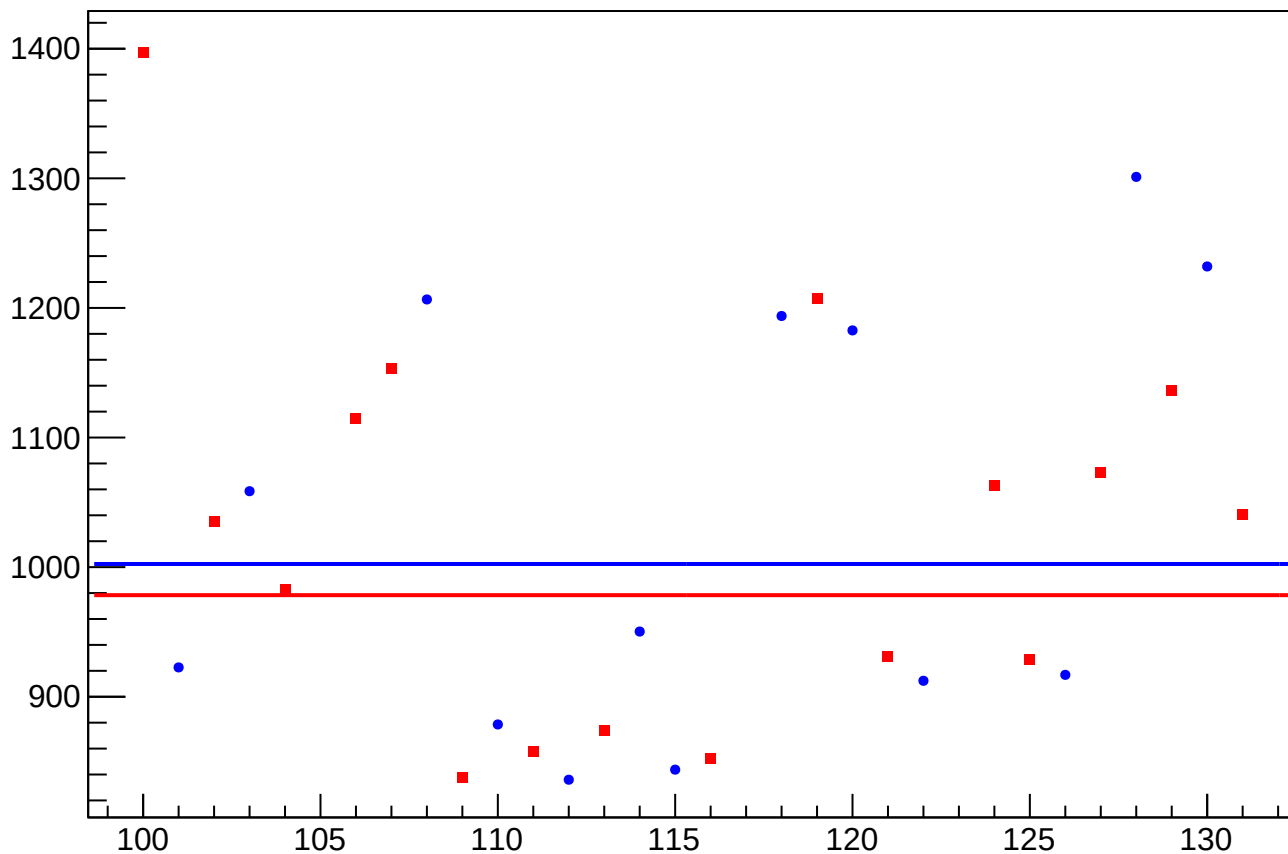
Right: 620.990+/-291.370 χ^2/NDF : 23.8/28

In: 225.934+/-433.222 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.990+/-291.370 χ^2/NDF : 23.8/28

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.427+/-0.306 χ^2/NDF : 245213.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.379+/-0.278 χ^2/NDF : 184290.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

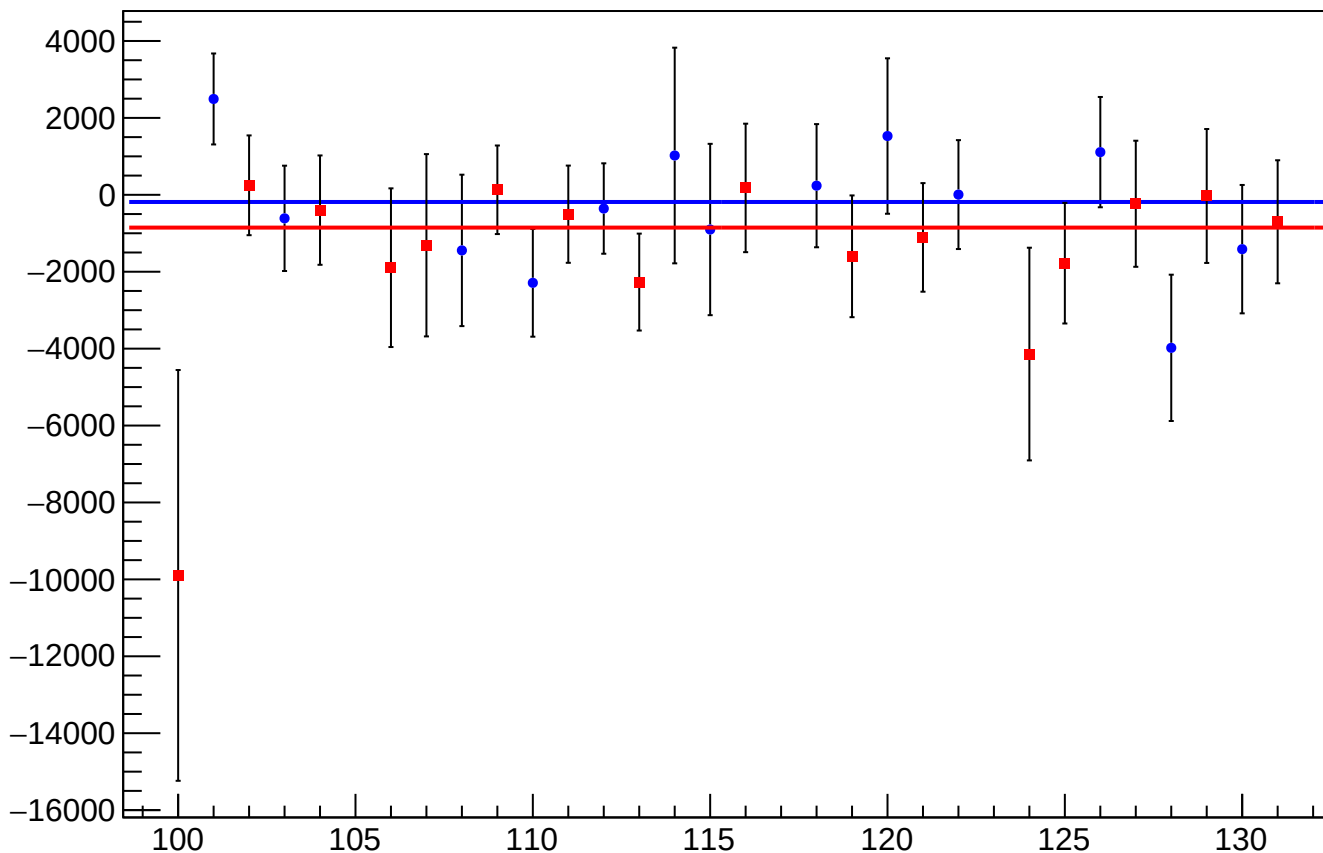
Right: 989.257+/-0.206 χ^2/NDF : 432878.1/28

In: 1002.427+/-0.306 χ^2/NDF : 245213.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.257+/-0.206 χ^2/NDF : 432878.1/28

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -186.287+/-433.426 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -852.460+/-394.177 χ^2/NDF : 8.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

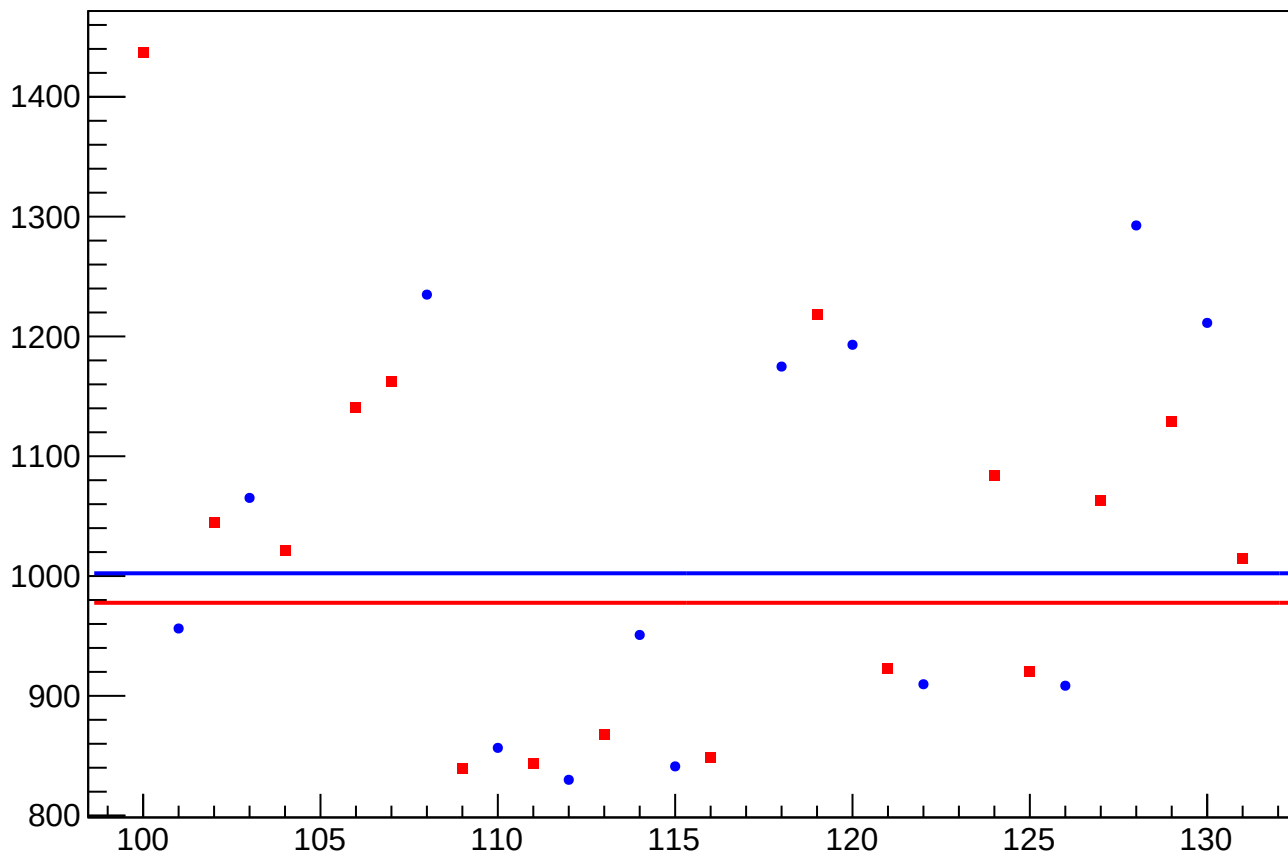
Right: -550.896+/-291.616 χ^2/NDF : 24.5/28

In: -186.287+/-433.426 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -550.896+/-291.616 χ^2/NDF : 24.5/28

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1002.301+/-0.306 χ^2/NDF : 247080.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.670+/-0.279 χ^2/NDF : 201636.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

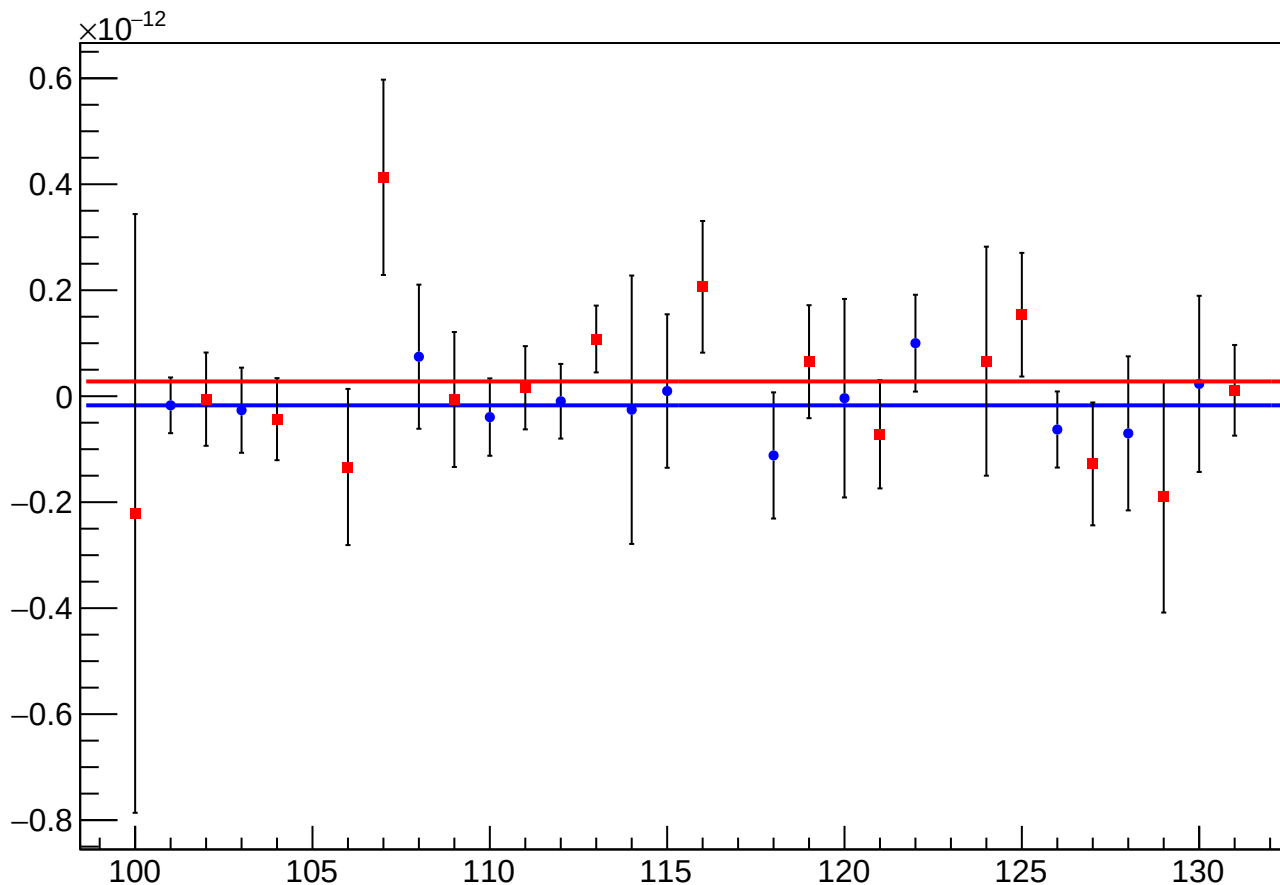
Right: 988.820+/-0.206 χ^2/NDF : 452251.9/28

In: 1002.301+/-0.306 χ^2/NDF : 247080.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.820+/-0.206 χ^2/NDF : 452251.9/28

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

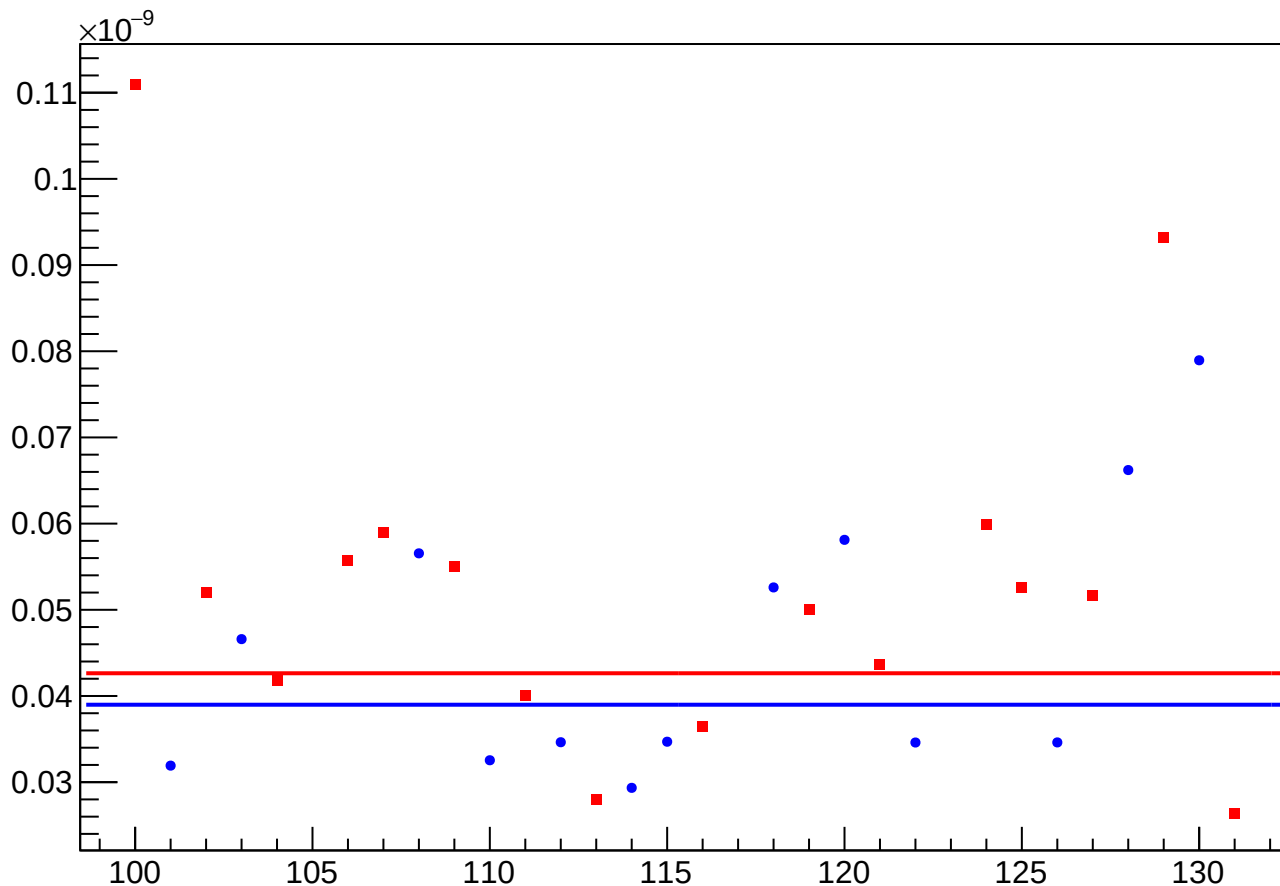
Right: 0.000+/-0.000 χ^2/NDF : 20.6/28

In: -0.000+/-0.000 χ^2/NDF :3.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/28

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 360025.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446200.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

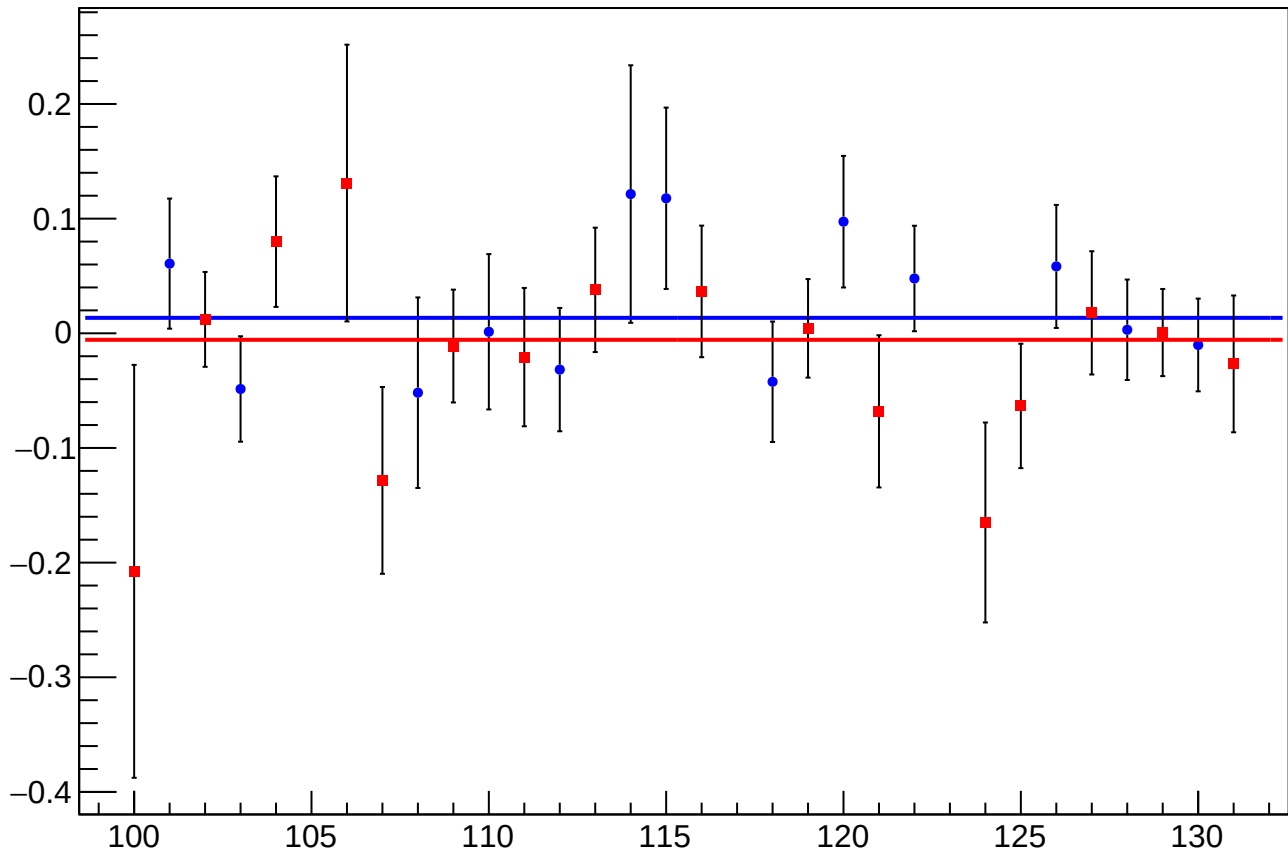
Right: 0.000+/-0.000 χ^2/NDF : 825826.1/28

In: 0.000+/-0.000 χ^2/NDF : 360025.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 825826.1/28

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

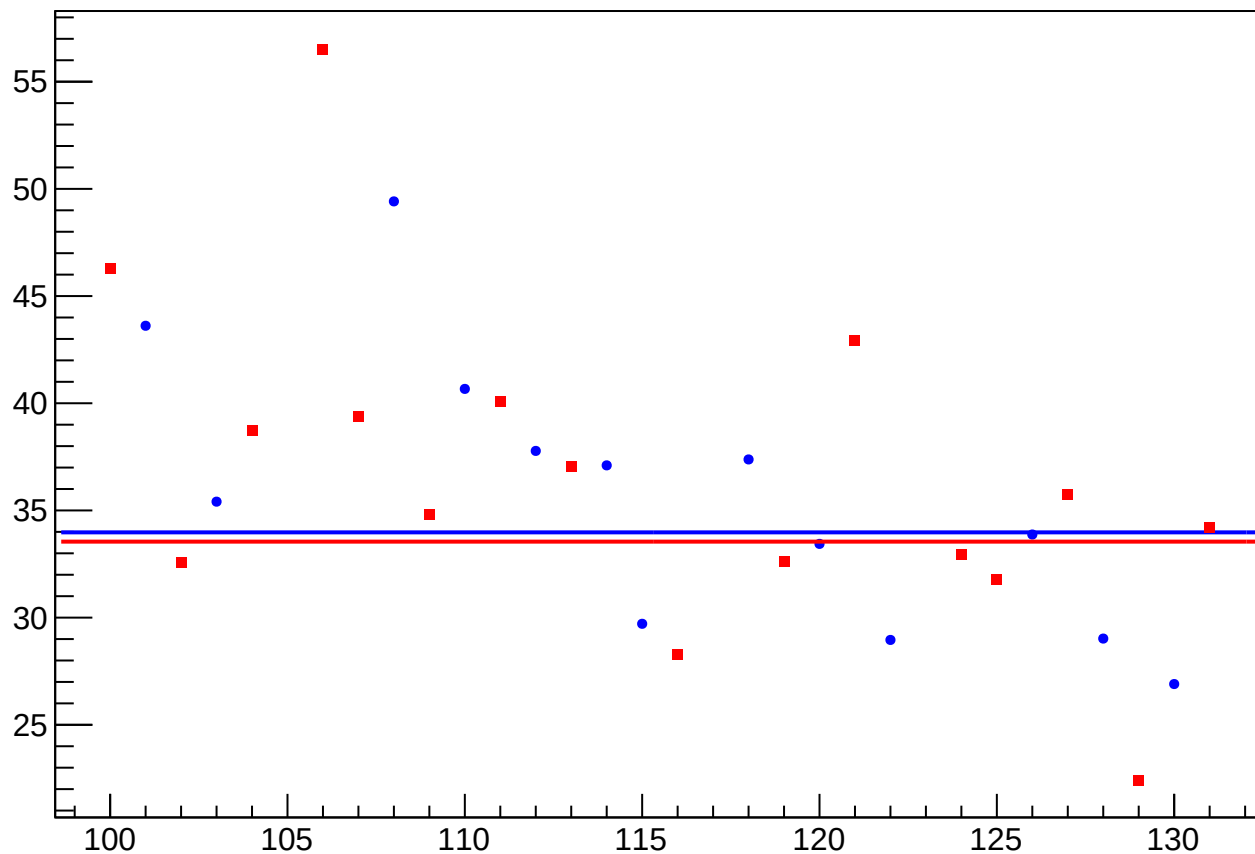
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 26.6/28

In: 0.013 $\pm$ 0.015 χ^2 /NDF:11.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 26.6/28

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284724.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.545+/-0.010 χ^2/NDF : 378787.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

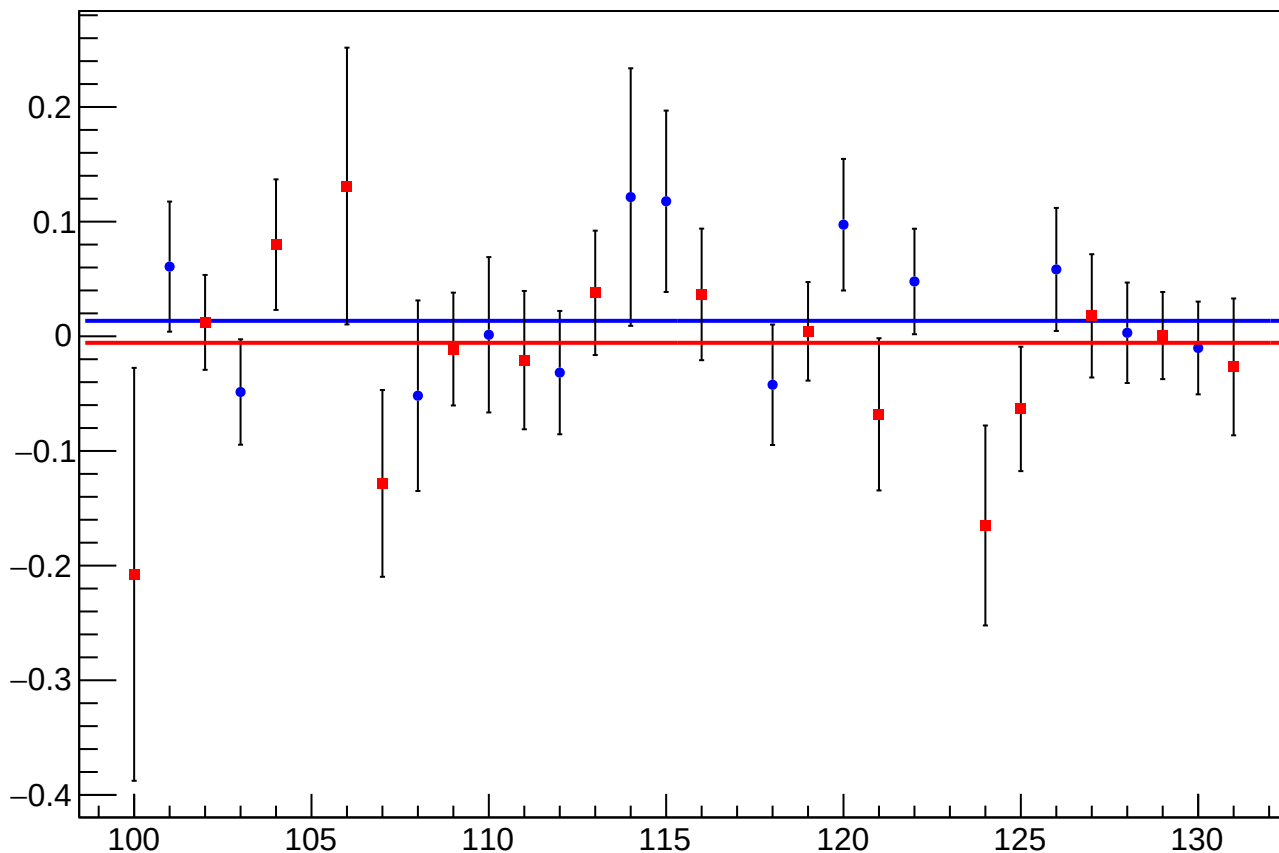
Right: 33.745+/-0.007 χ^2/NDF : 664384.6/28

In: 33.977+/-0.011 χ^2/NDF : 284724.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.745+/-0.007 χ^2/NDF : 664384.6/28

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

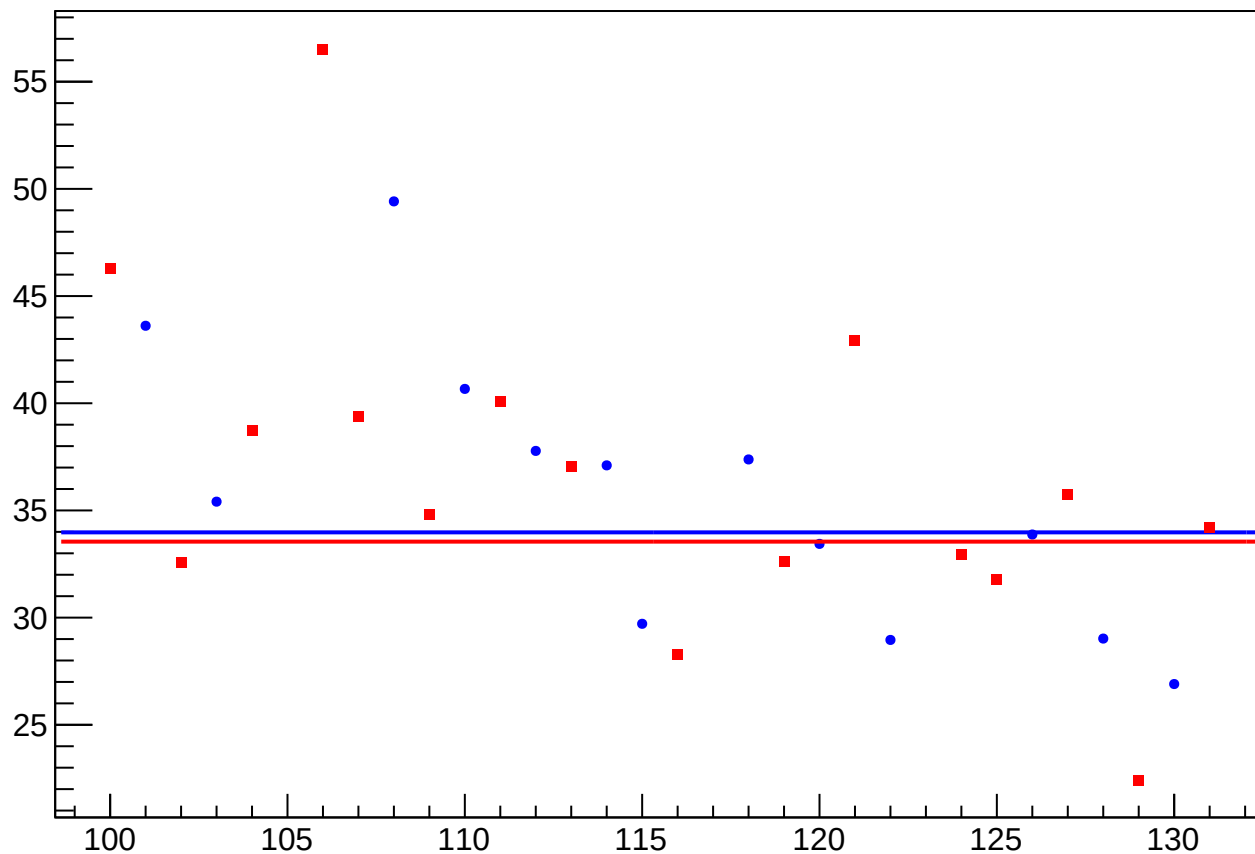
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 26.6/28

In: 0.013 $\pm$ 0.015 χ^2 /NDF:11.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 26.6/28

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284724.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 33.545+/-0.010 χ^2/NDF : 378787.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

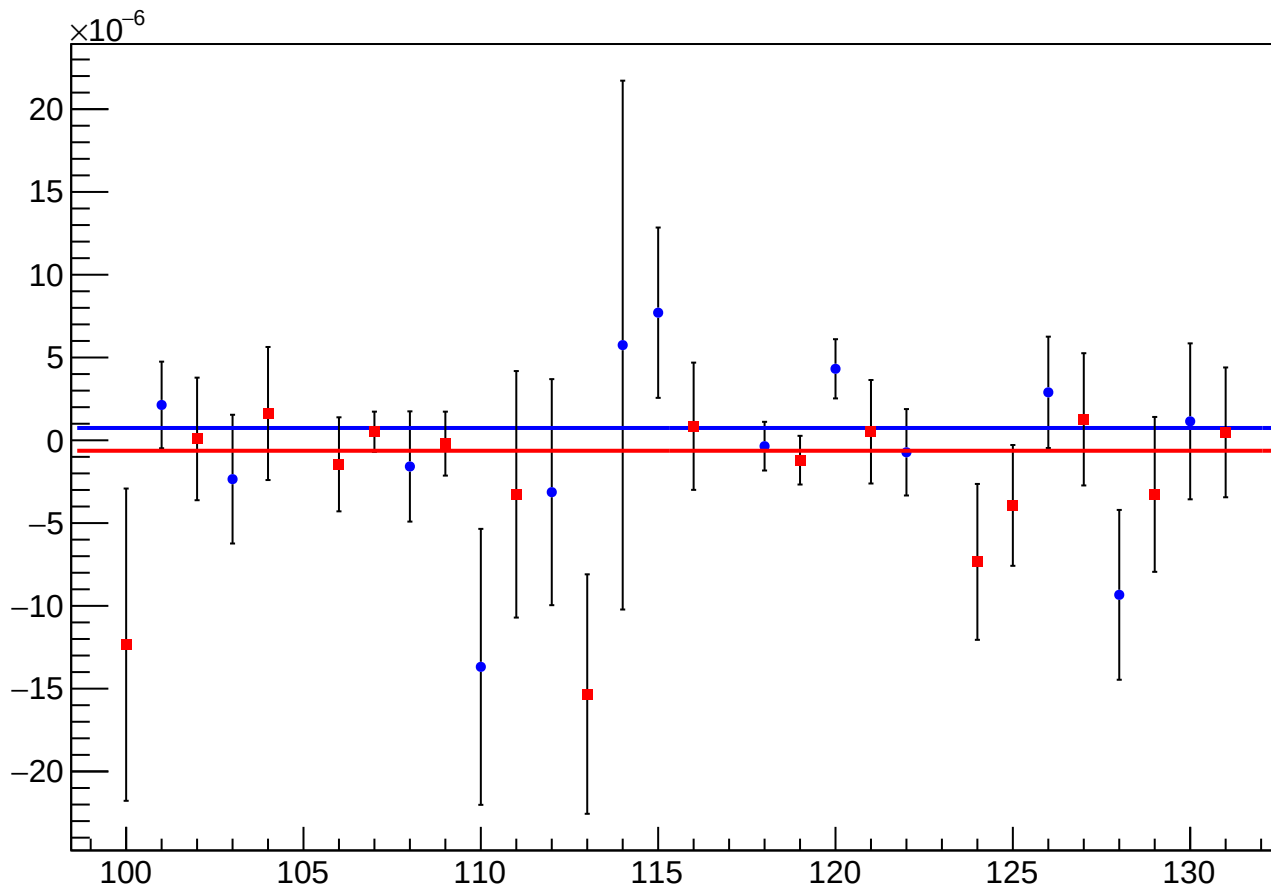
Right: 33.745+/-0.007 χ^2/NDF : 664384.6/28

In: 33.977+/-0.011 χ^2/NDF :284724.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.745+/-0.007 χ^2/NDF : 664384.6/28

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

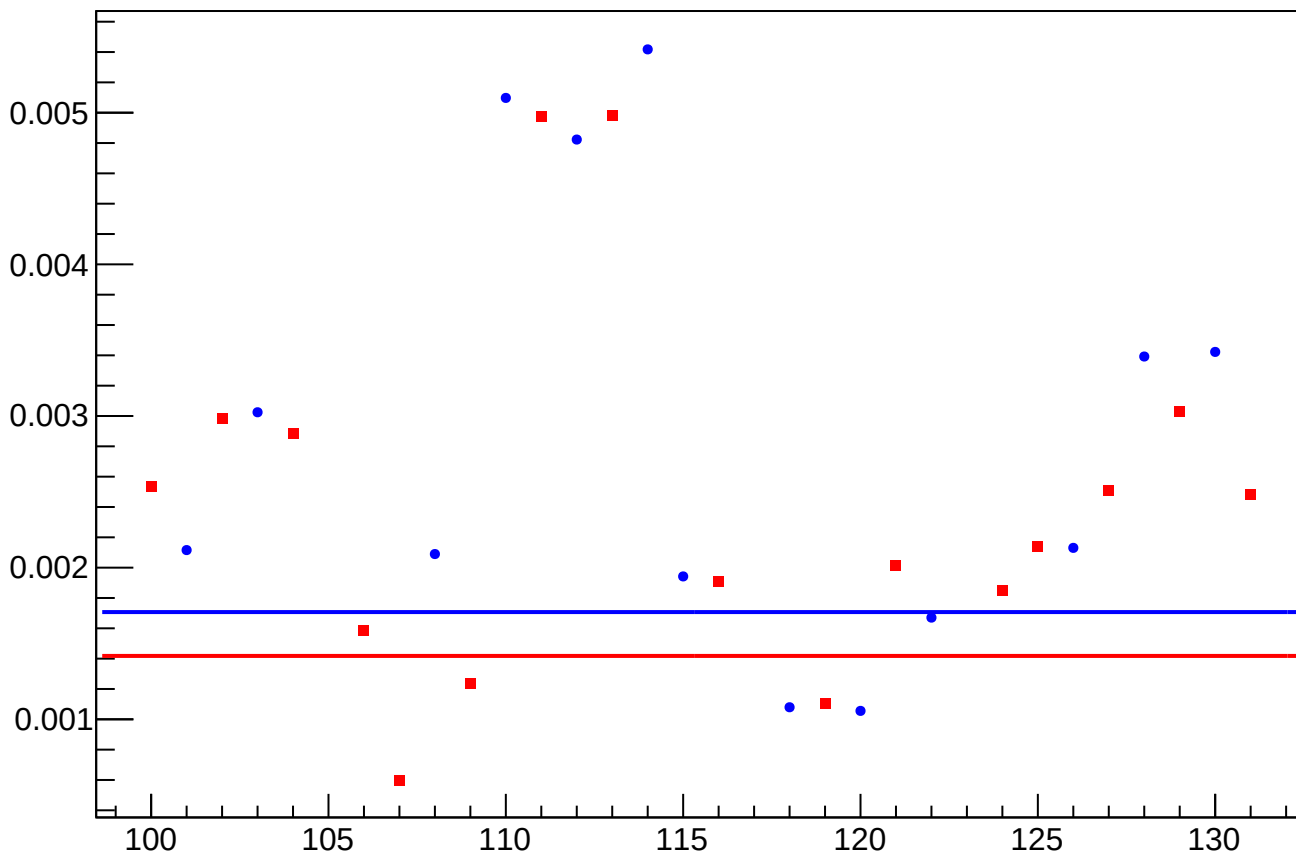
Right: -0.000+/-0.000 χ^2/NDF : 28.5/28

In: 0.000+/-0.000 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.5/28

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2308051.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3361060.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

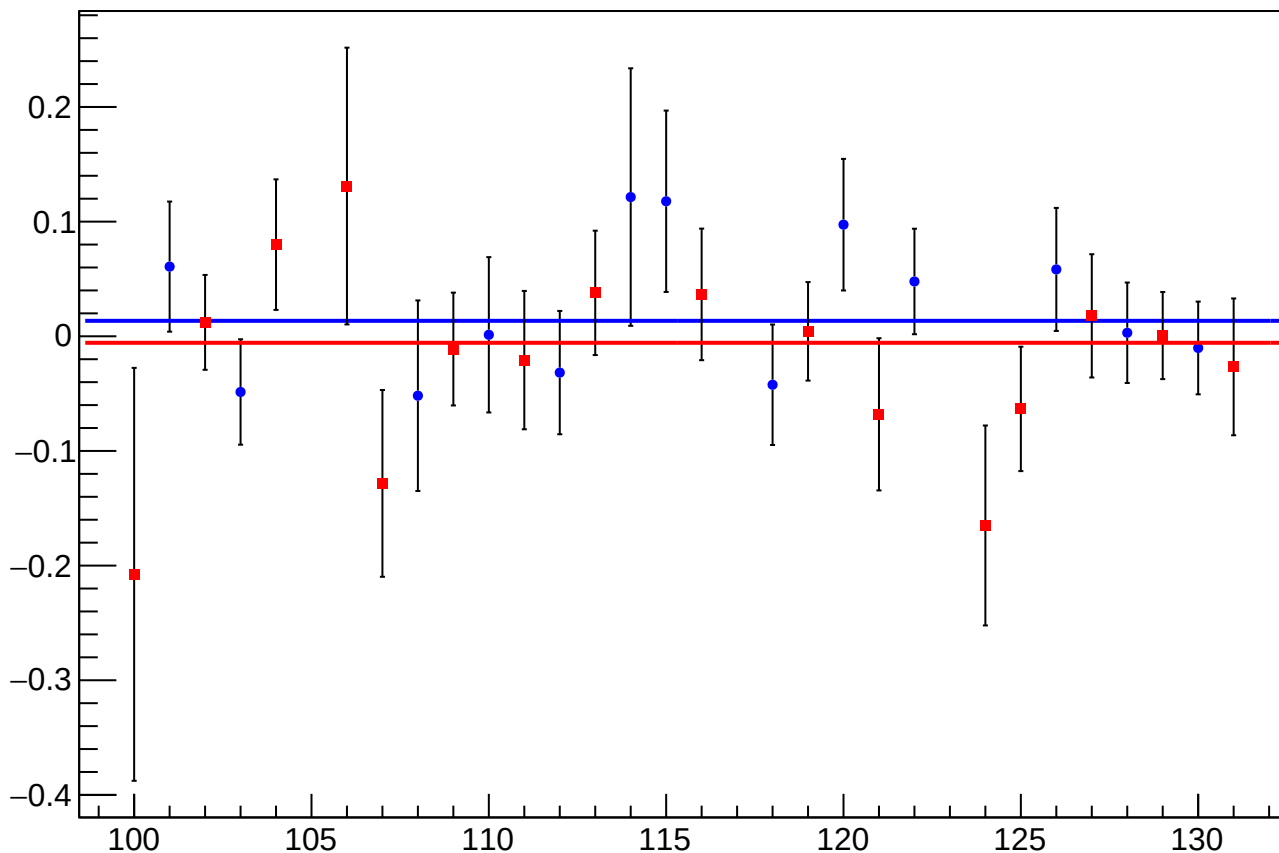
Right: 0.002+/-0.000 χ^2/NDF : 5816155.7/28

In: 0.002+/-0.000 χ^2/NDF :2308051.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5816155.7/28

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

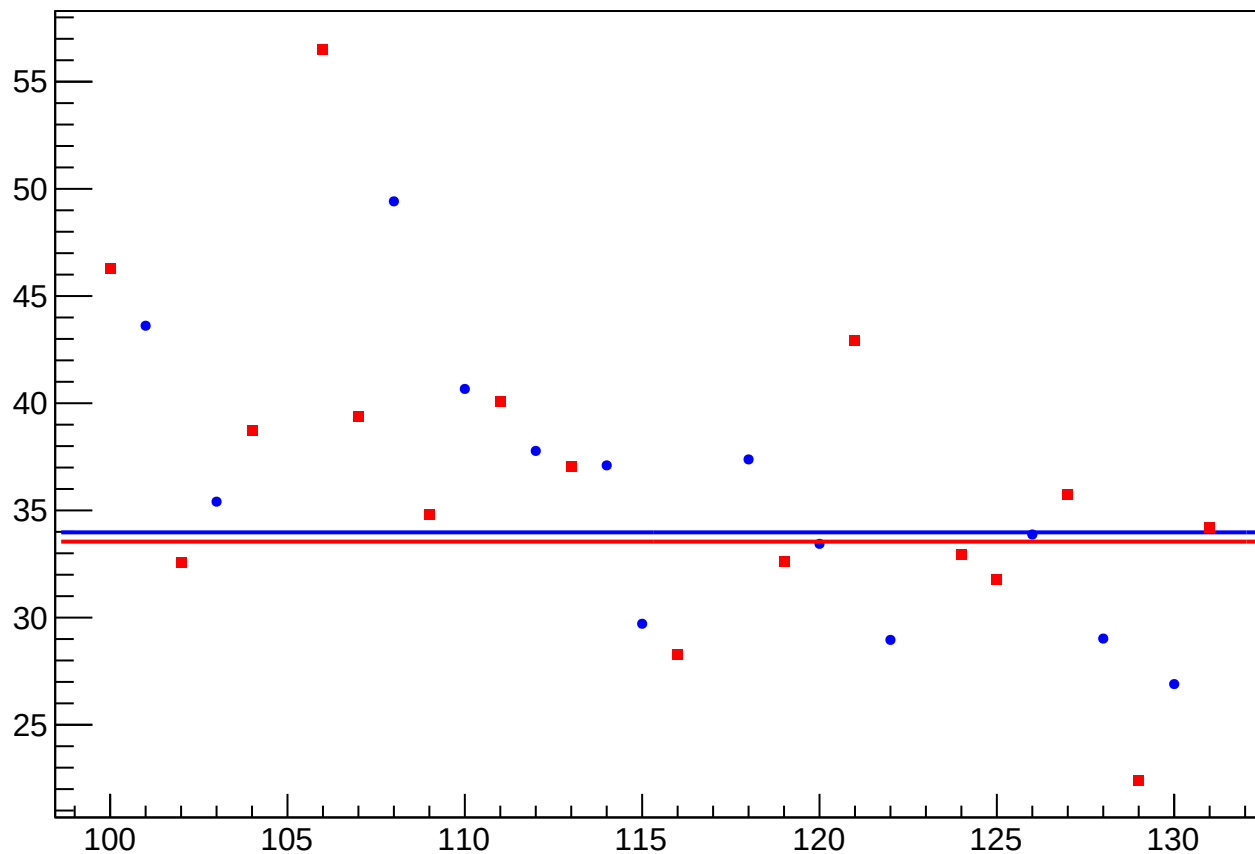
Right: 0.003 $\pm$ 0.010 χ^2 /NDF: 26.6/28

In: 0.013 $\pm$ 0.015 χ^2 /NDF:11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.010 χ^2 /NDF: 26.6/28

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284785.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 33.544+/-0.010 χ^2/NDF : 378820.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

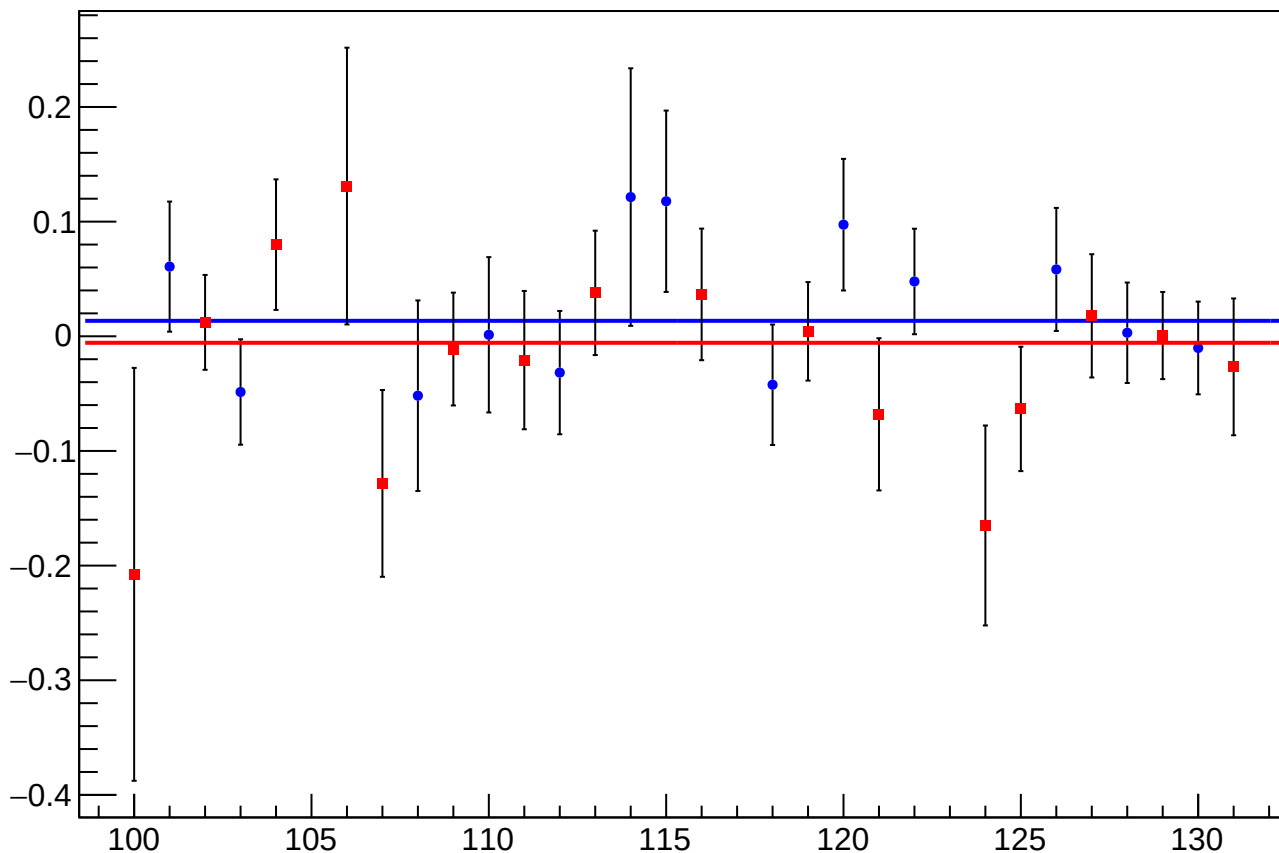
Right: 33.745+/-0.007 χ^2/NDF : 664477.7/28

In: 33.977+/-0.011 χ^2/NDF :284785.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.745+/-0.007 χ^2/NDF : 664477.7/28

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.015 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.014 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

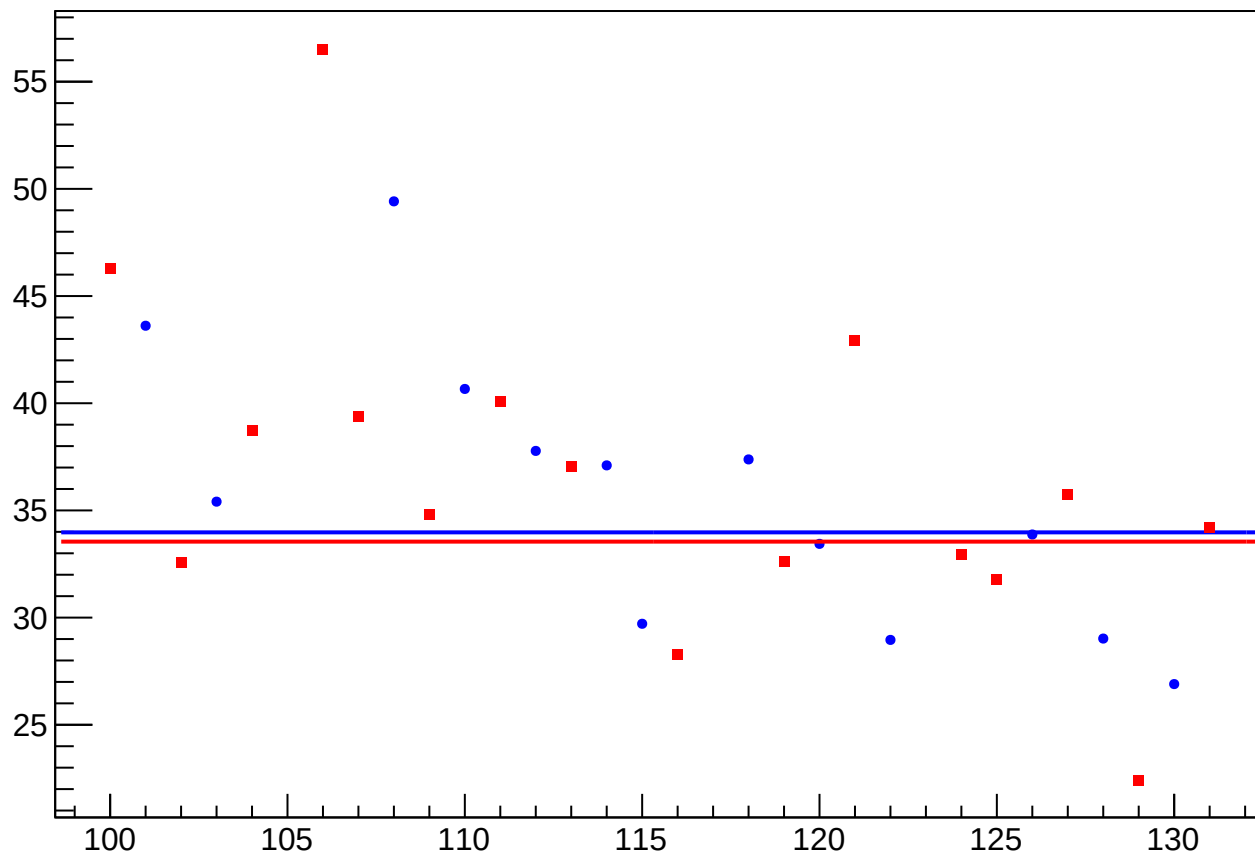
Right: 0.003+/-0.010 χ^2/NDF : 26.6/28

In: 0.013+/-0.015 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.010 χ^2/NDF : 26.6/28

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284785.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 33.544+/-0.010 χ^2/NDF : 378820.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

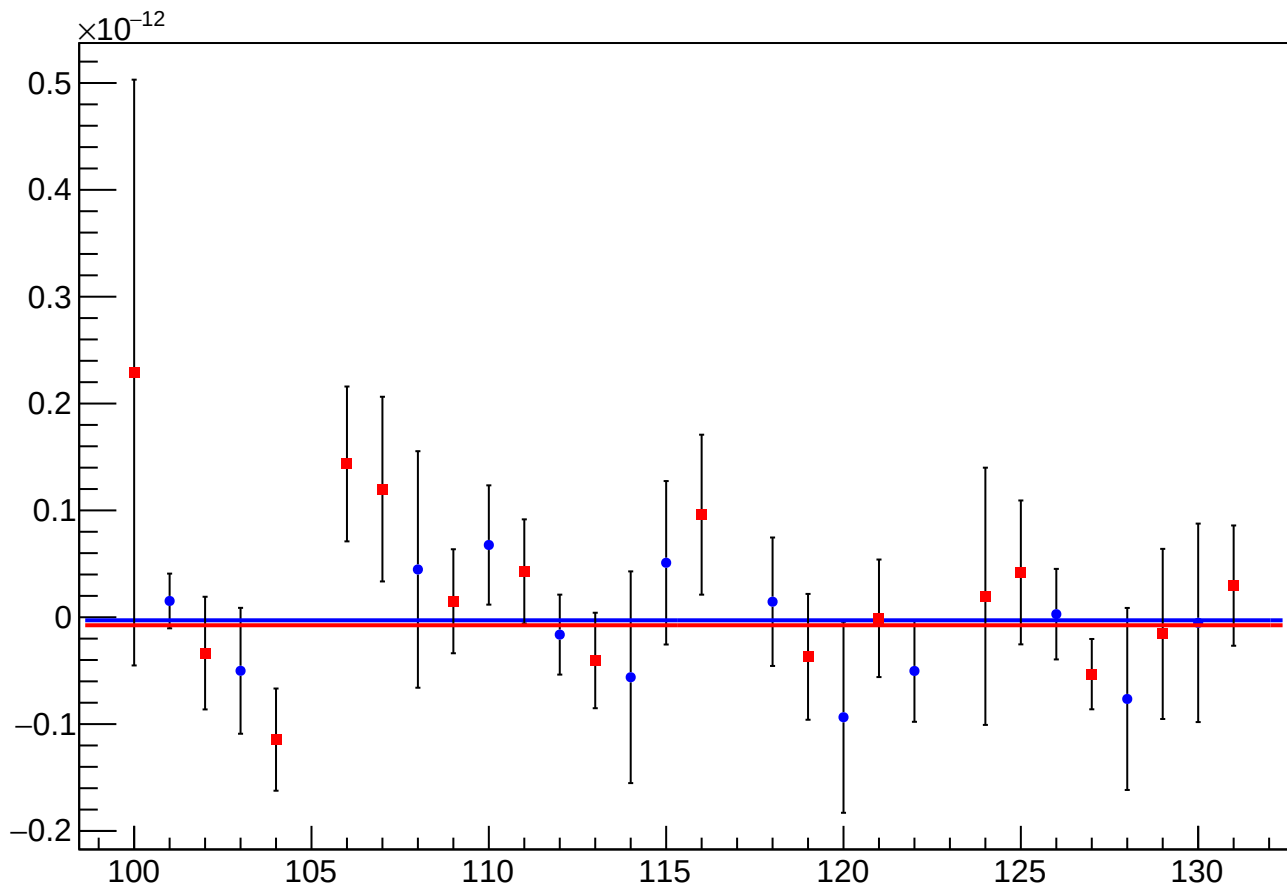
Right: 33.745+/-0.007 χ^2/NDF : 664477.7/28

In: 33.977+/-0.011 χ^2/NDF :284785.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.745+/-0.007 χ^2/NDF : 664477.7/28

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

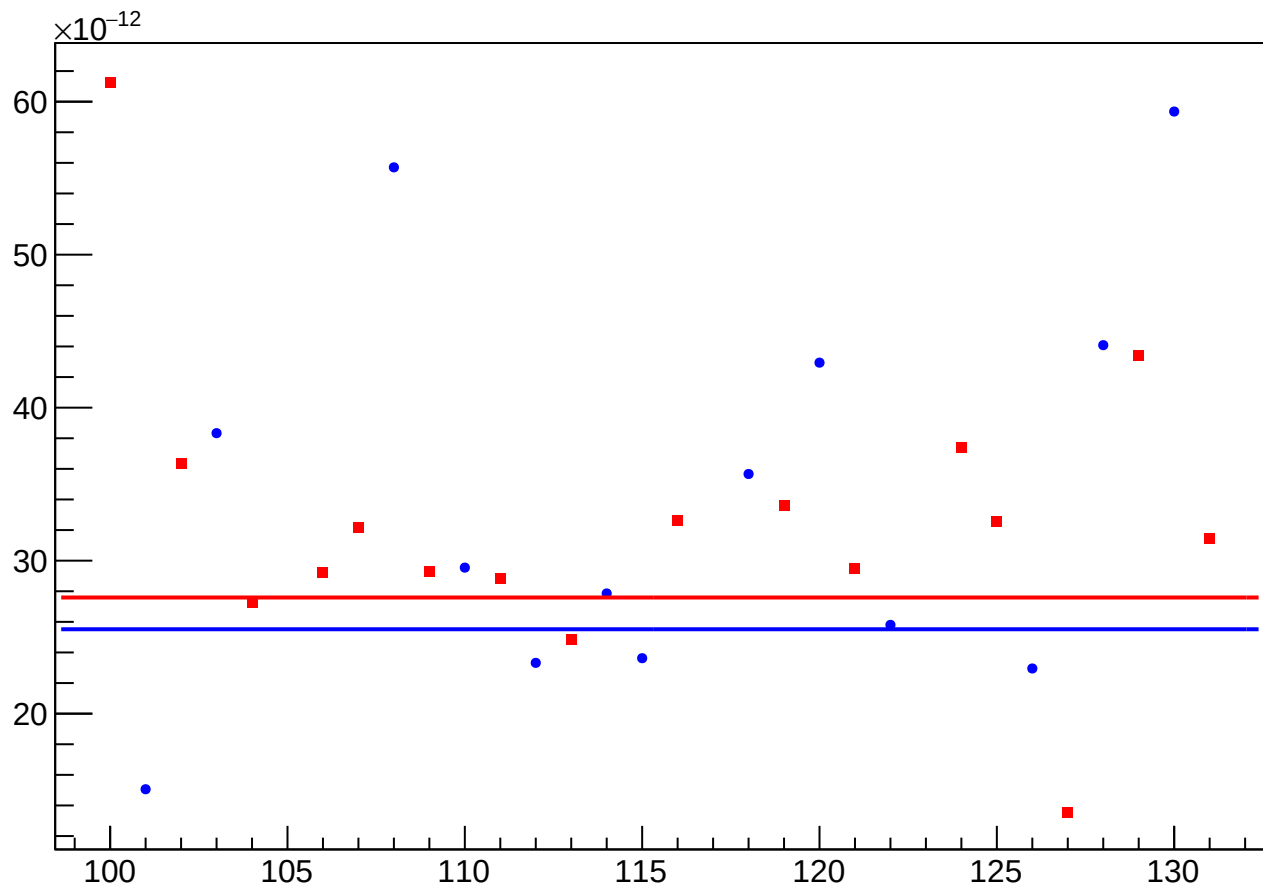
Right: -0.000+/-0.000 χ^2 /NDF: 26.2/28

In: -0.000+/-0.000 χ^2 /NDF:6.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.2/28

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1097873.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 612847.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

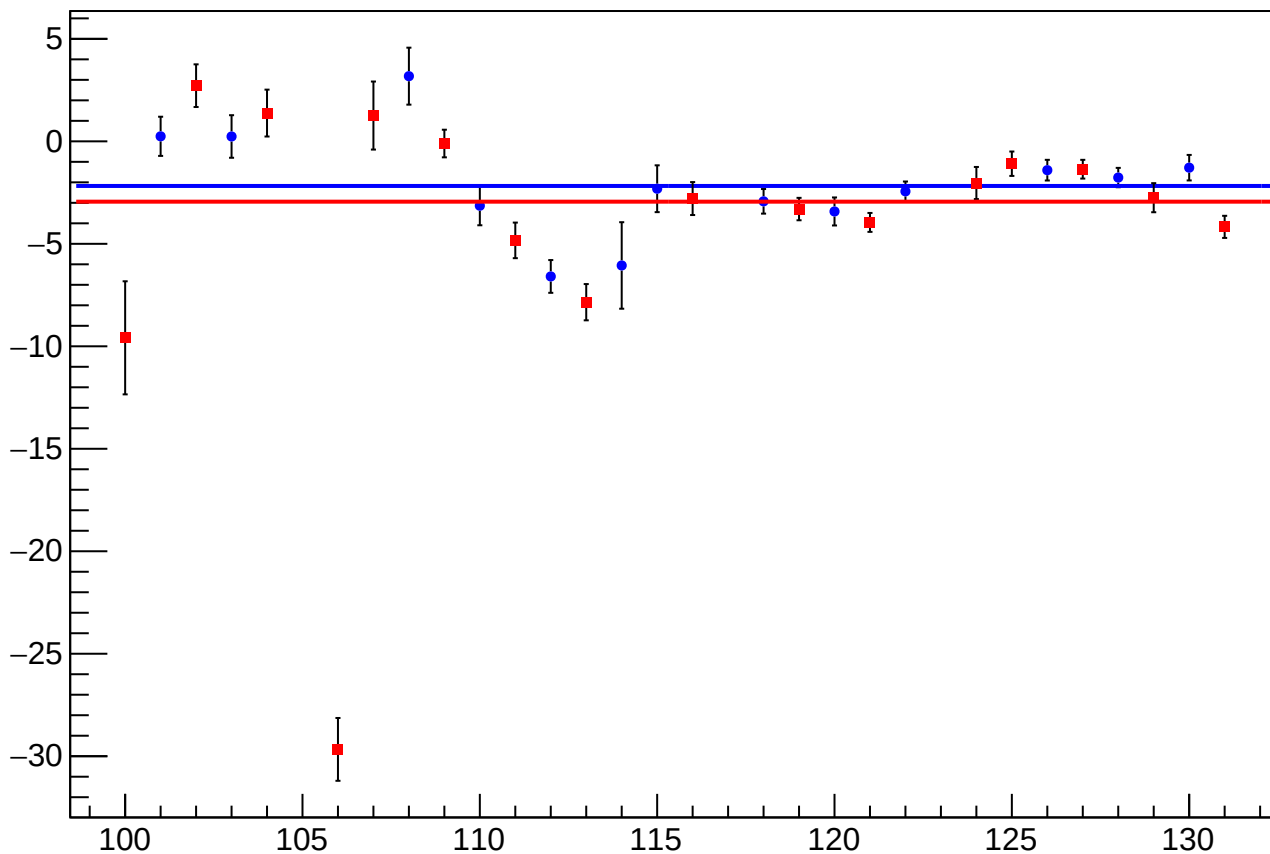
Right: 0.000+/-0.000 χ^2/NDF : 1731880.9/28

In: 0.000+/-0.000 χ^2/NDF : 1097873.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1731880.9/28

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.177 ± 0.194 $\chi^2/\text{NDF}: 71.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.943 ± 0.178 $\chi^2/\text{NDF}: 446.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

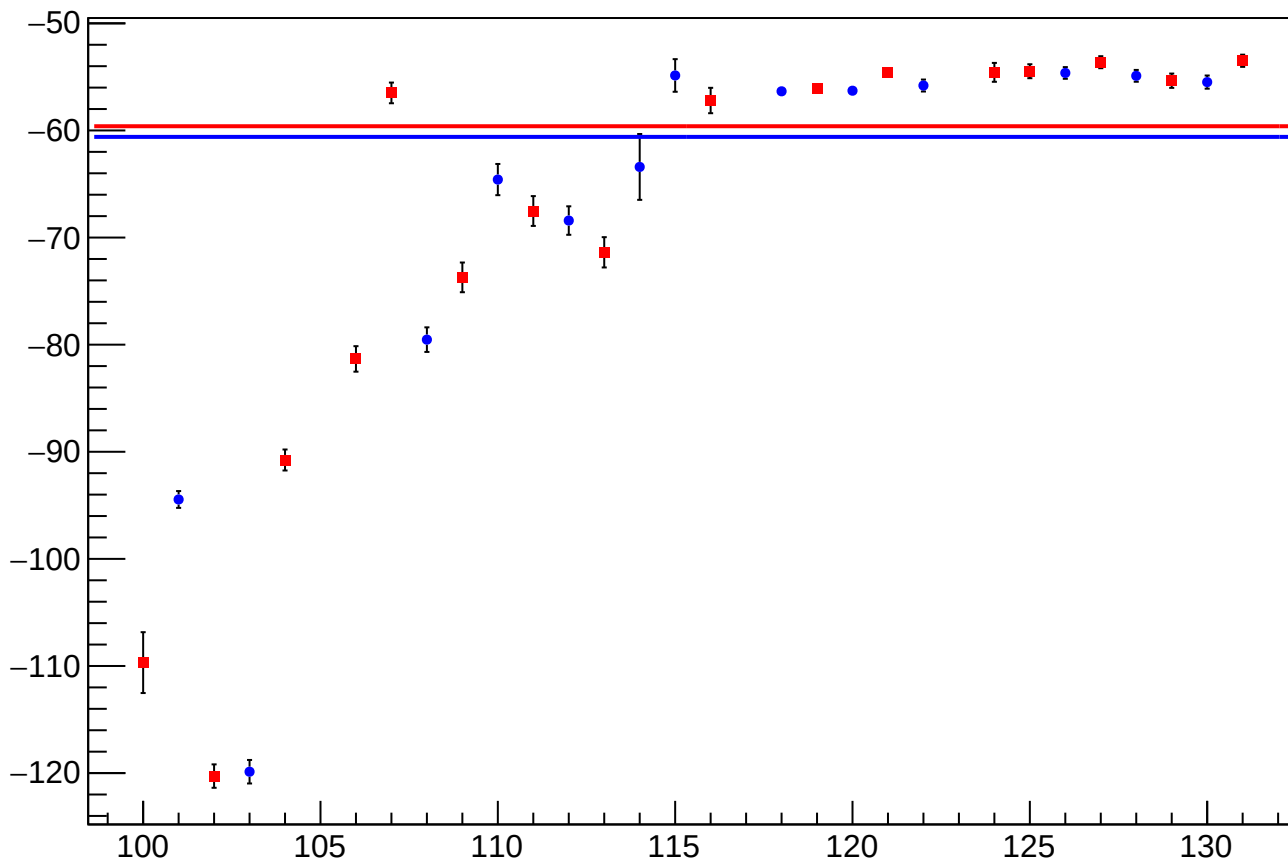
Right: -2.595 ± 0.131 $\chi^2/\text{NDF}: 527.3/28$

In: -2.177 ± 0.194 $\chi^2/\text{NDF}: 71.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.595 ± 0.131 $\chi^2/\text{NDF}: 527.3/28$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.601+/-0.182 χ^2/NDF : 5706.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -59.607+/-0.180 χ^2/NDF : 5533.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

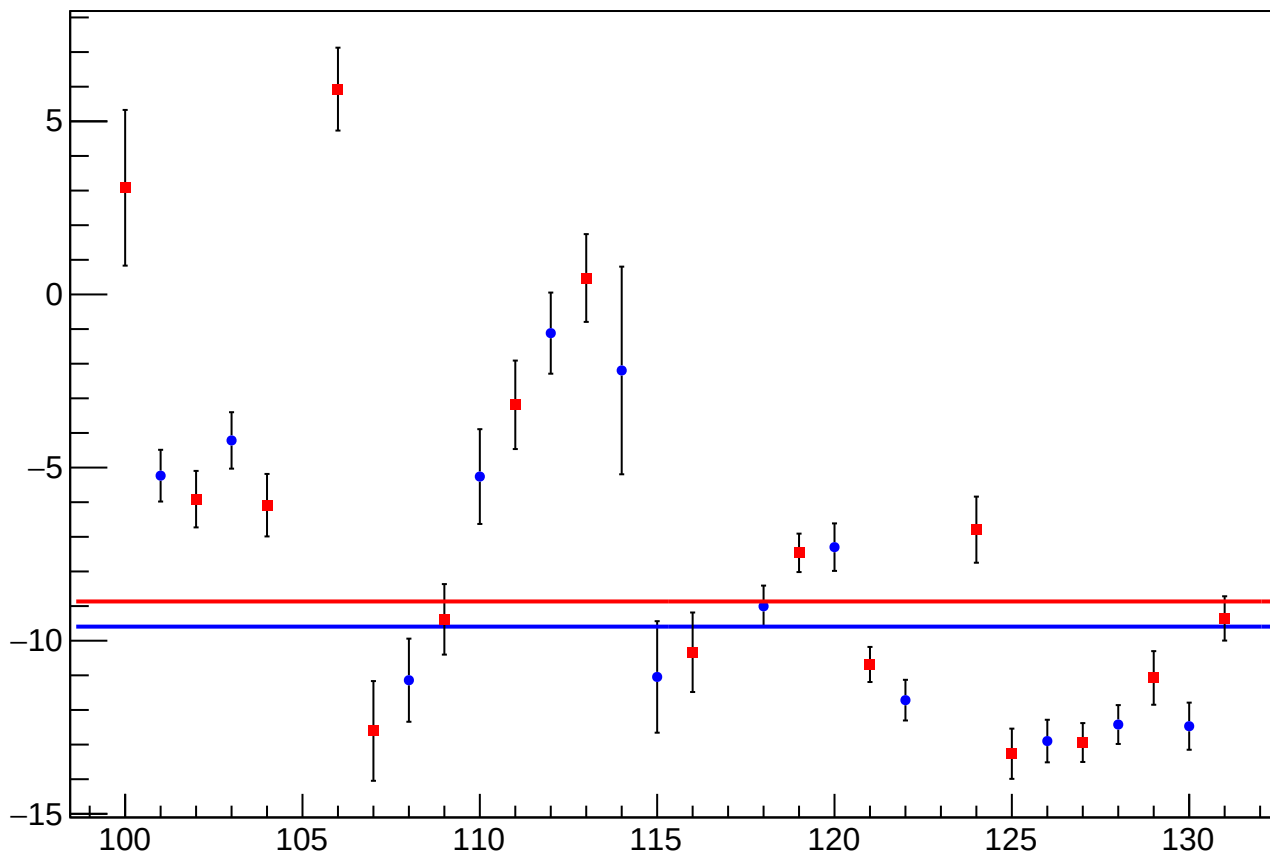
Right: -60.098+/-0.128 χ^2/NDF : 11254.8/28

In: -60.601+/-0.182 χ^2/NDF :5706.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -60.098+/-0.128 χ^2/NDF : 11254.8/28

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.593 ± 0.215 χ^2/NDF : 245.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.867 ± 0.202 χ^2/NDF : 408.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

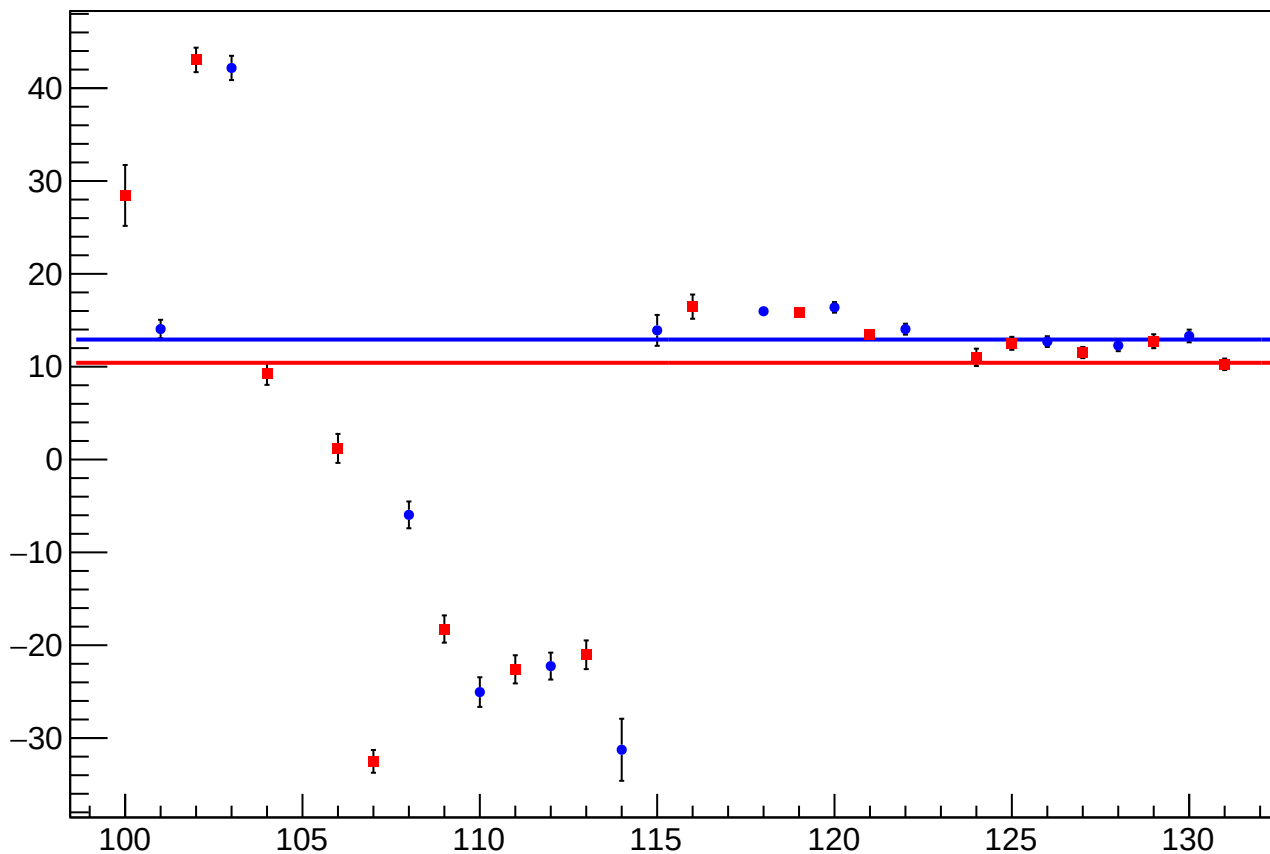
Right: -9.207 ± 0.147 χ^2/NDF : 660.5/28

In: -9.593 ± 0.215 χ^2/NDF : 245.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.207 ± 0.147 χ^2/NDF : 660.5/28

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.923+/-0.215 χ^2/NDF : 2086.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.419+/-0.207 χ^2/NDF : 3396.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

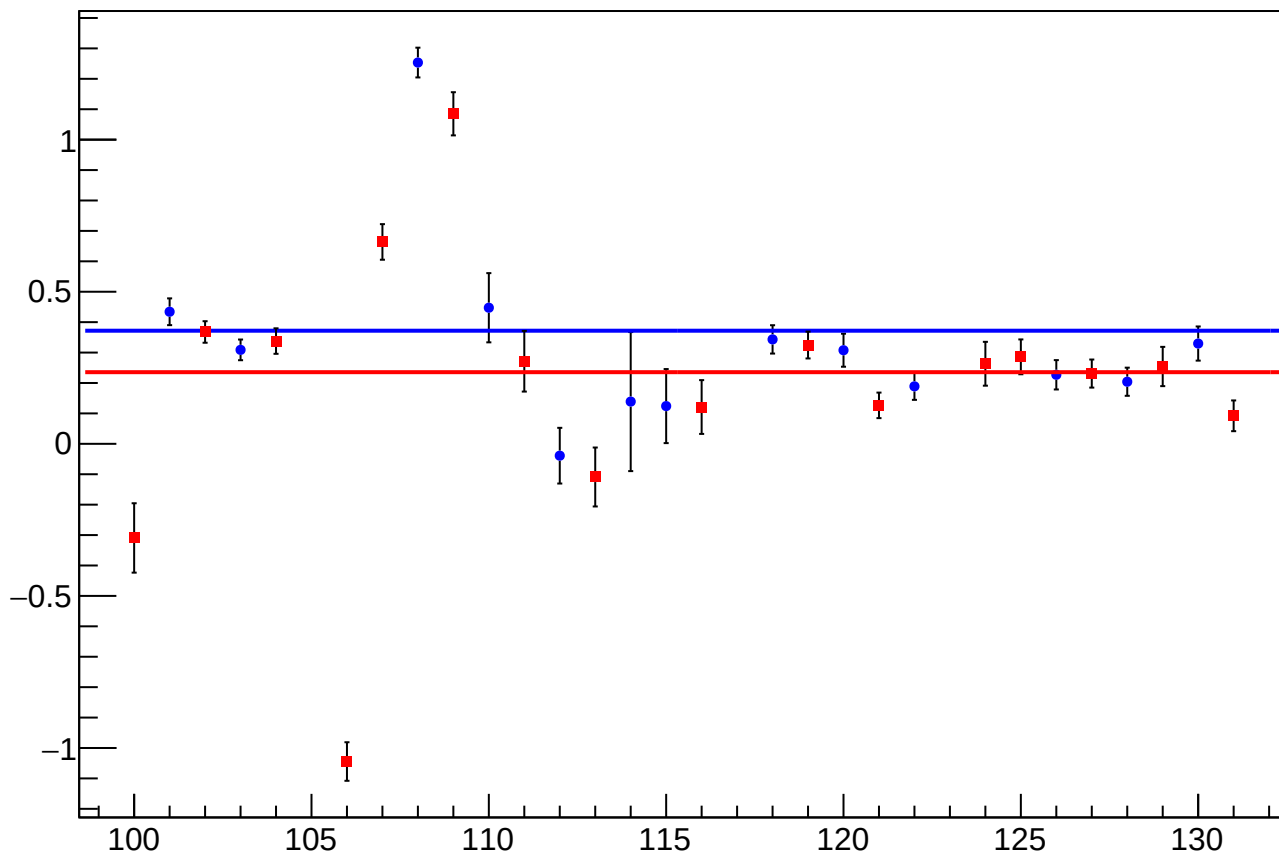
Right: 11.622+/-0.149 χ^2/NDF : 5553.3/28

In: 12.923+/-0.215 χ^2/NDF : 2086.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.622+/-0.149 χ^2/NDF : 5553.3/28

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.015 χ^2 /NDF: 397.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.236 $\pm$ 0.014 χ^2 /NDF: 681.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

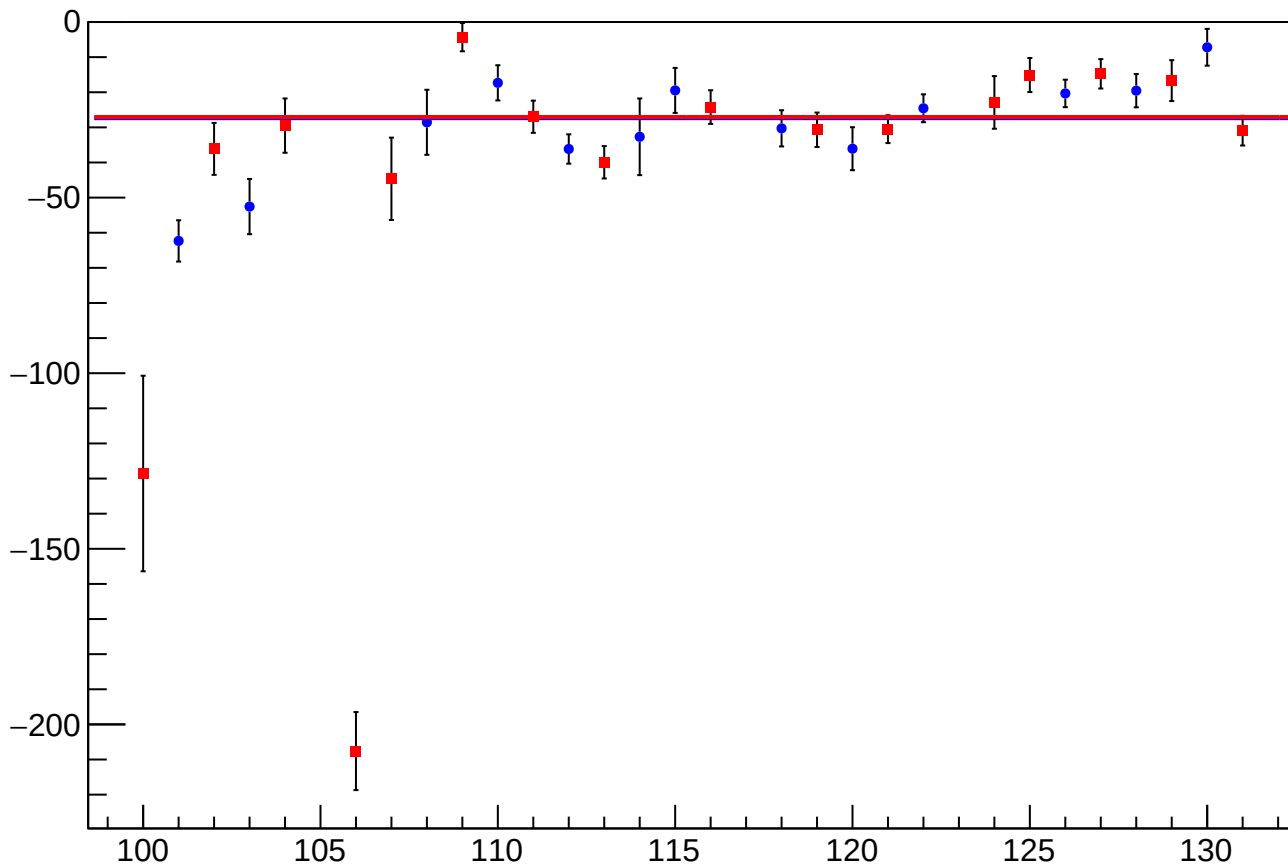
Right: 0.300 $\pm$ 0.010 χ^2 /NDF: 1124.2/28

In: 0.372 $\pm$ 0.015 χ^2 /NDF:397.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.300 $\pm$ 0.010 χ^2 /NDF: 1124.2/28

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.385 ± 1.473 $\chi^2/\text{NDF}: 79.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.050 ± 1.336 $\chi^2/\text{NDF}: 341.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

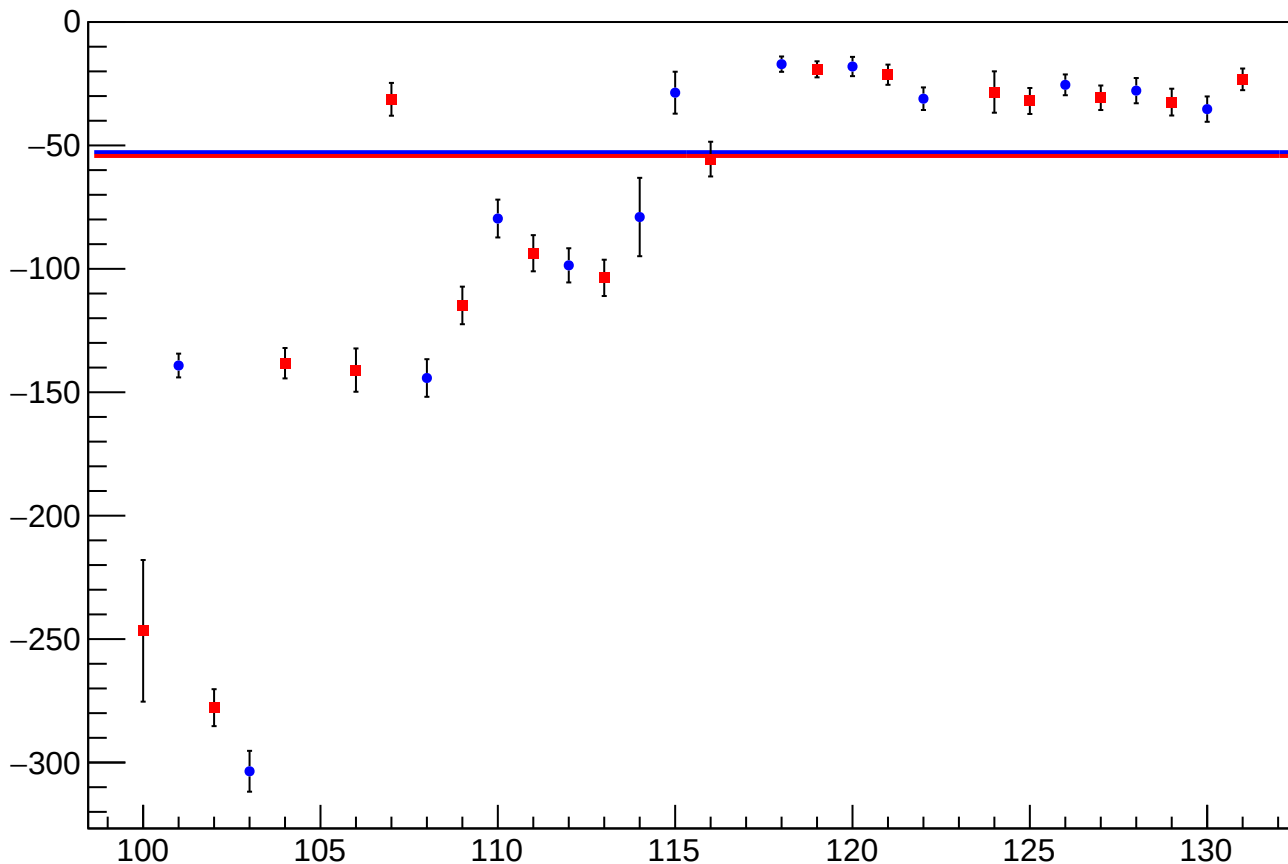
Right: -27.201 ± 0.990 $\chi^2/\text{NDF}: 421.2/28$

In: -27.385 ± 1.473 $\chi^2/\text{NDF}: 79.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -27.201 ± 0.990 $\chi^2/\text{NDF}: 421.2/28$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.732+/-1.443 χ^2/NDF : 1762.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -54.265+/-1.434 χ^2/NDF : 1666.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

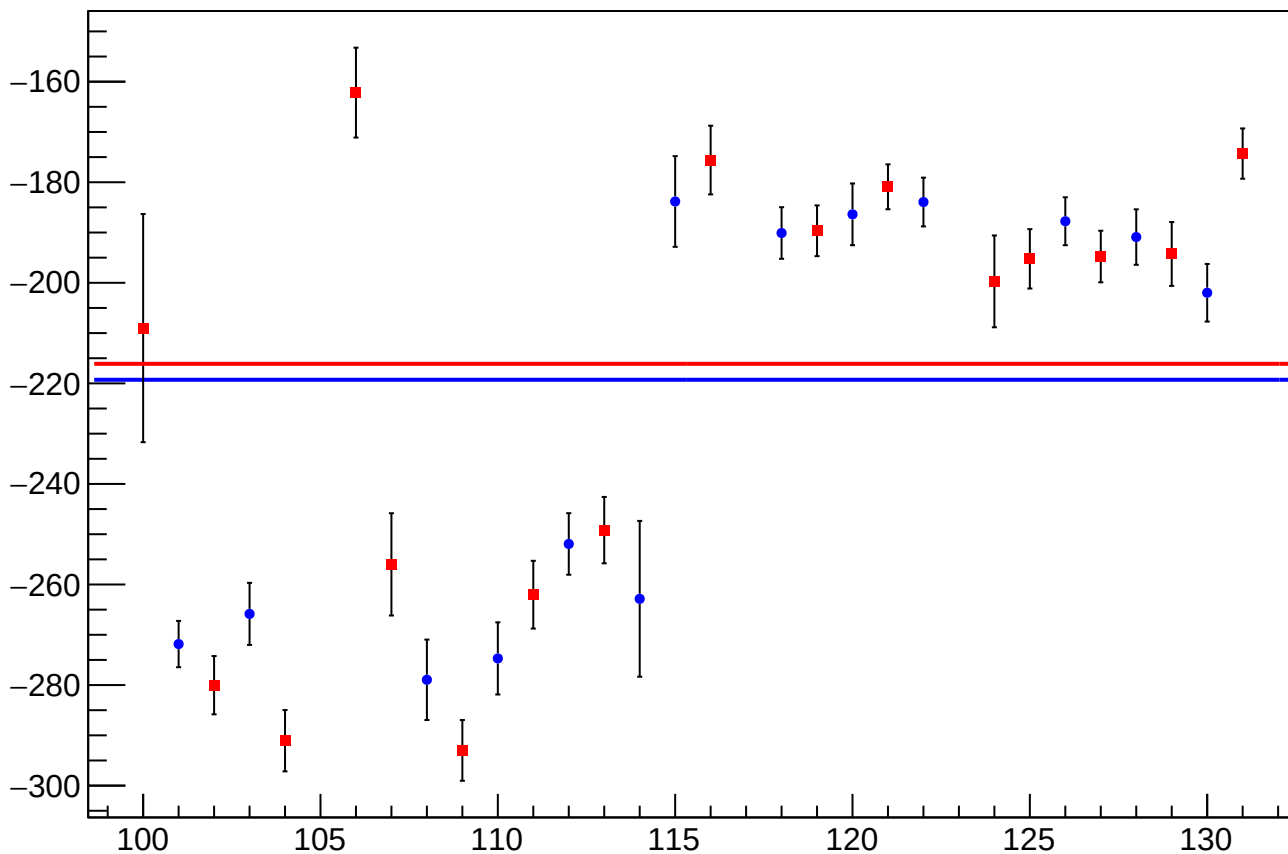
Right: -53.504+/-1.017 χ^2/NDF : 3429.9/28

In: -52.732+/-1.443 χ^2/NDF :1762.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -53.504+/-1.017 χ^2/NDF : 3429.9/28

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -219.282 ± 1.653 $\chi^2/\text{NDF}: 547.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -216.111 ± 1.567 $\chi^2/\text{NDF}: 797.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

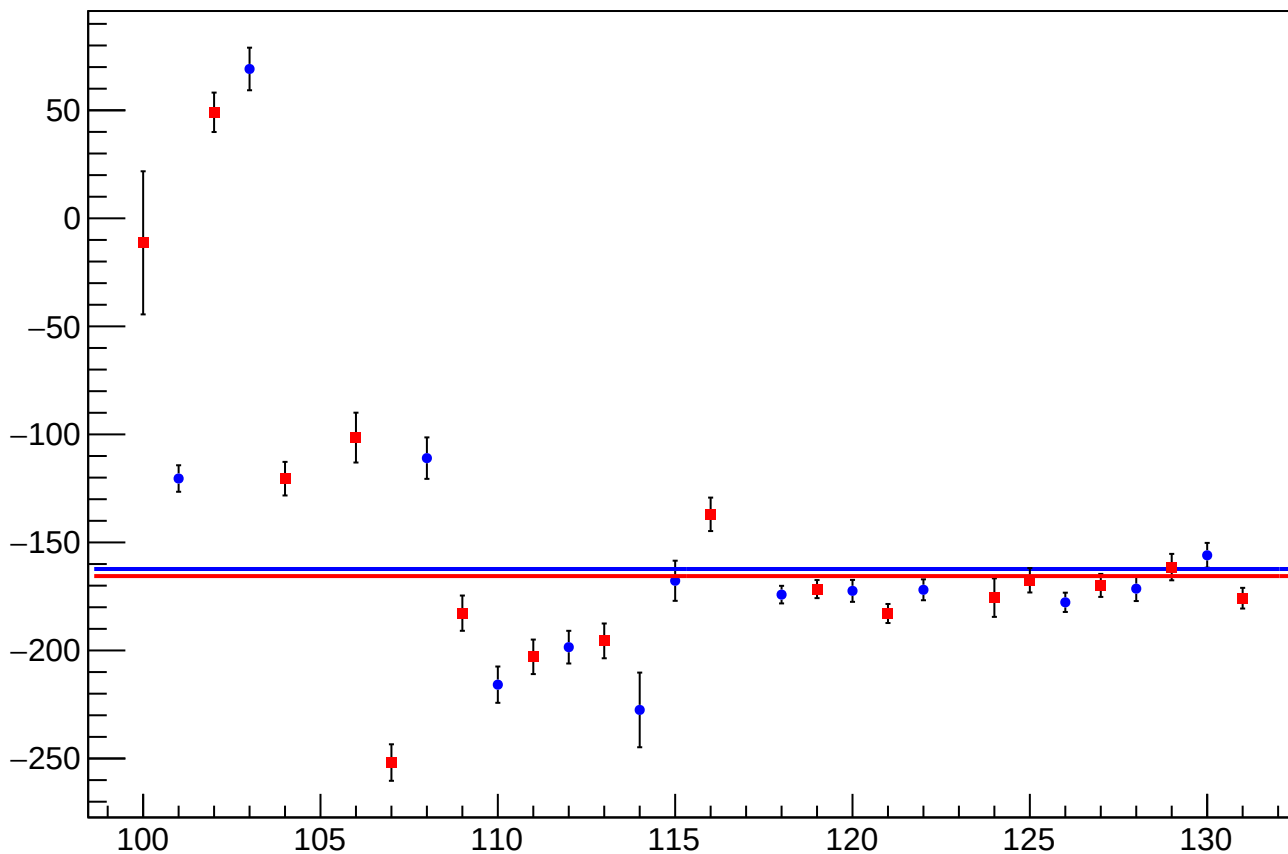
Right: -217.611 ± 1.137 $\chi^2/\text{NDF}: 1347.5/28$

In: -219.282 ± 1.653 $\chi^2/\text{NDF}: 547.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -217.611 ± 1.137 $\chi^2/\text{NDF}: 1347.5/28$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -162.296+/-1.697 χ^2 /NDF: 736.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -165.575+/-1.639 χ^2 /NDF: 822.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

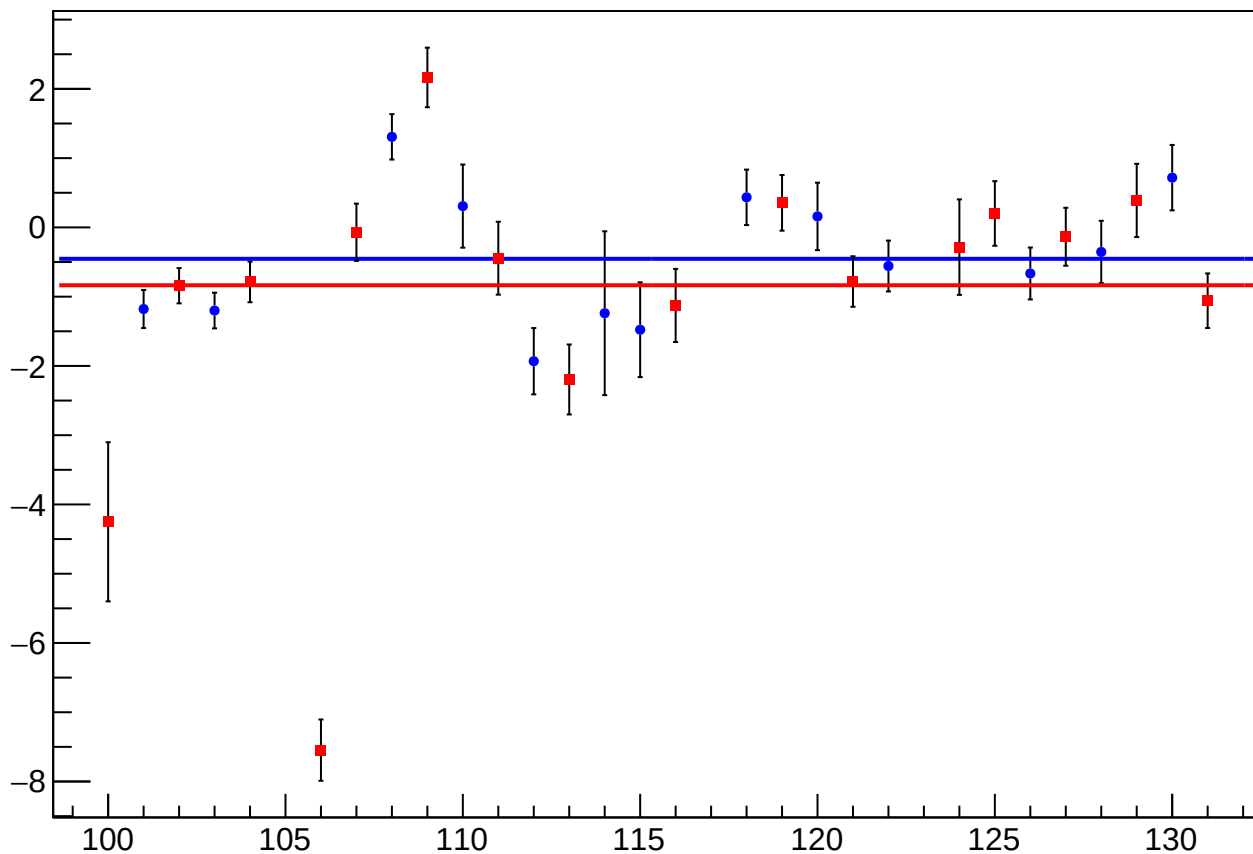
Right: -163.992+/-1.179 χ^2 /NDF: 1561.3/28

In: -162.296+/-1.697 χ^2 /NDF:736.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -163.992+/-1.179 χ^2 /NDF: 1561.3/28

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.453 ± 0.110 χ^2/NDF : 71.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.835 ± 0.105 χ^2/NDF : 321.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

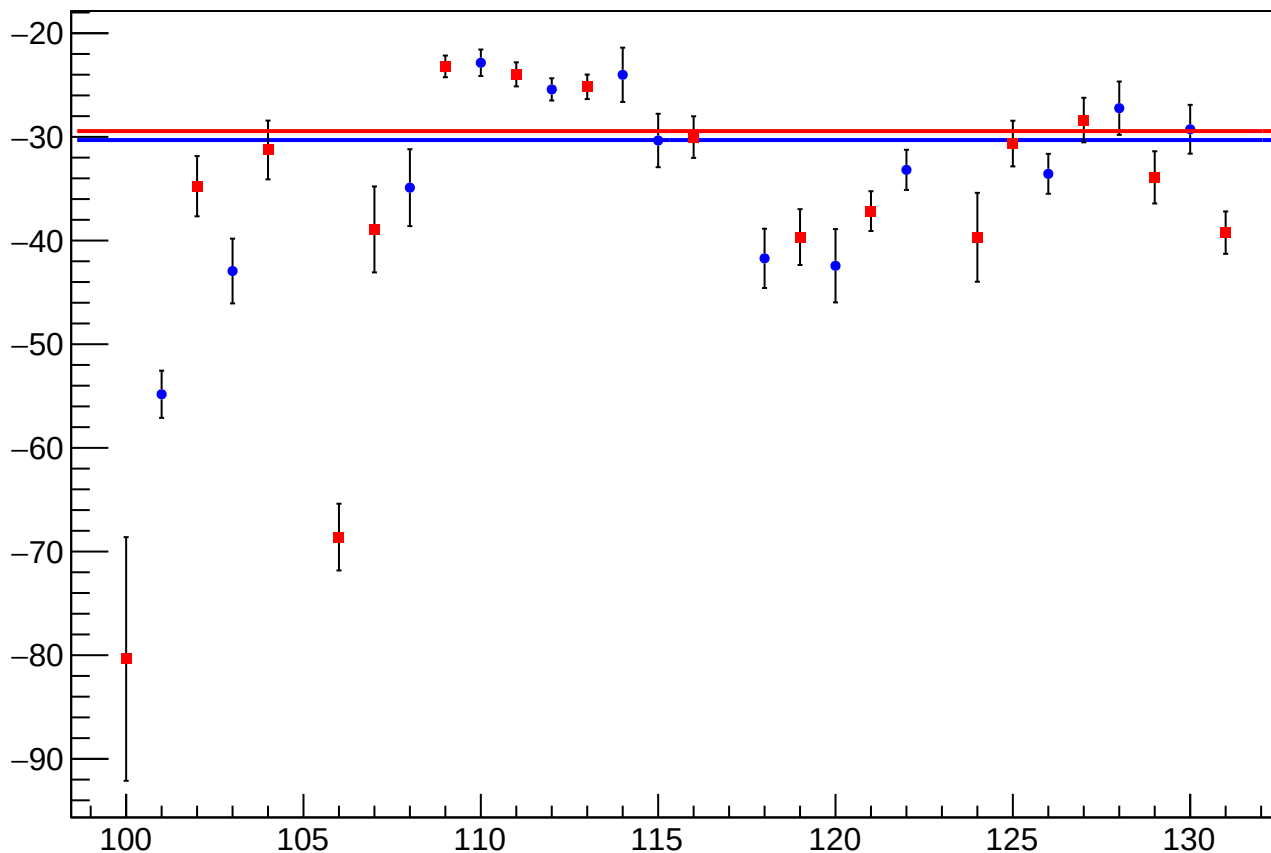
Right: -0.655 ± 0.076 χ^2/NDF : 399.2/28

In: -0.453 ± 0.110 χ^2/NDF : 71.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.655 ± 0.076 χ^2/NDF : 399.2/28

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.305 $\pm$ 0.558 χ^2 /NDF: 228.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.440 $\pm$ 0.482 χ^2 /NDF: 309.7/15

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

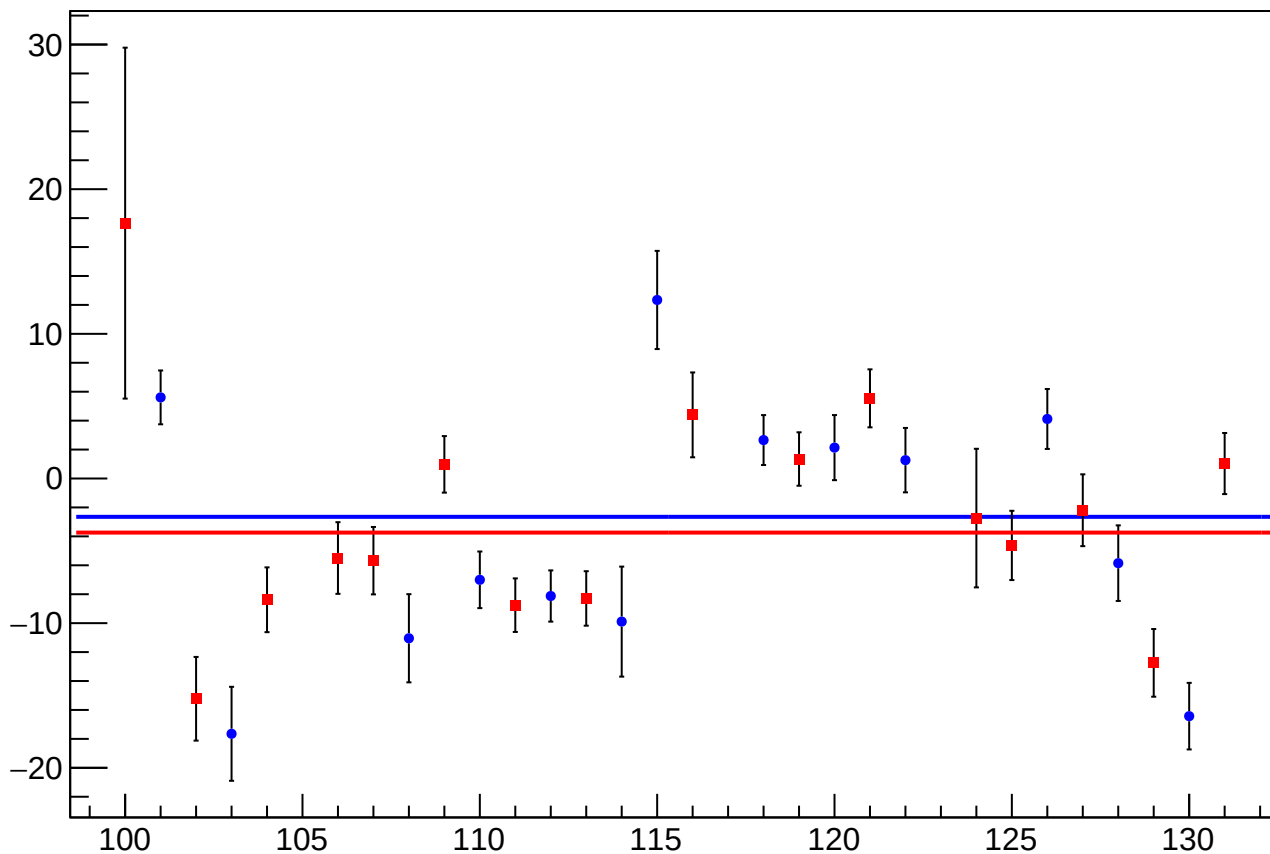
Right: -29.810 $\pm$ 0.365 χ^2 /NDF: 539.9/28

In: -30.305 $\pm$ 0.558 χ^2 /NDF: 228.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.810 $\pm$ 0.365 χ^2 /NDF: 539.9/28

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.649 ± 0.629 χ^2/NDF : 151.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.739 ± 0.582 χ^2/NDF : 100.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

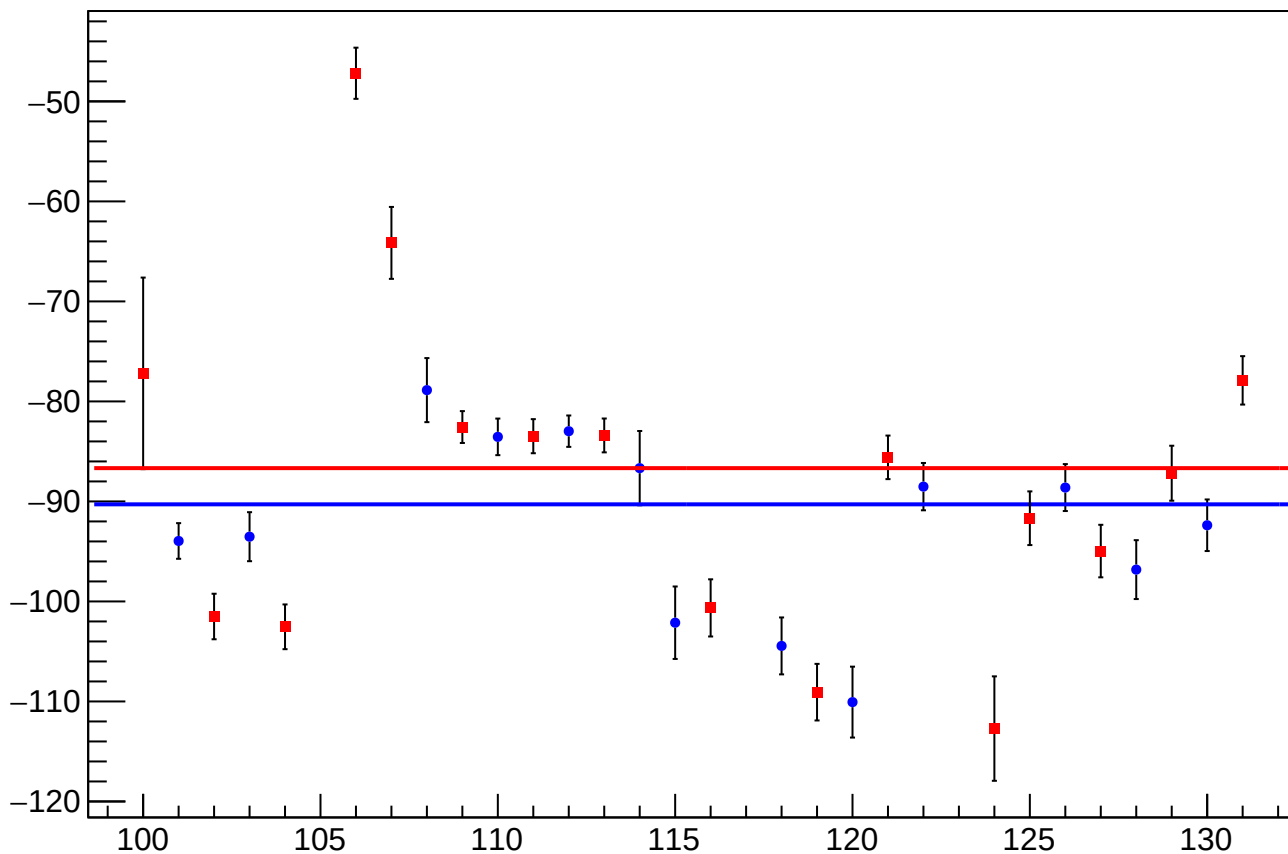
Right: -3.236 ± 0.427 χ^2/NDF : 253.6/28

In: -2.649 ± 0.629 χ^2/NDF : 151.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.236 ± 0.427 χ^2/NDF : 253.6/28

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.291+/-0.665 χ^2/NDF : 128.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.671+/-0.597 χ^2/NDF : 523.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

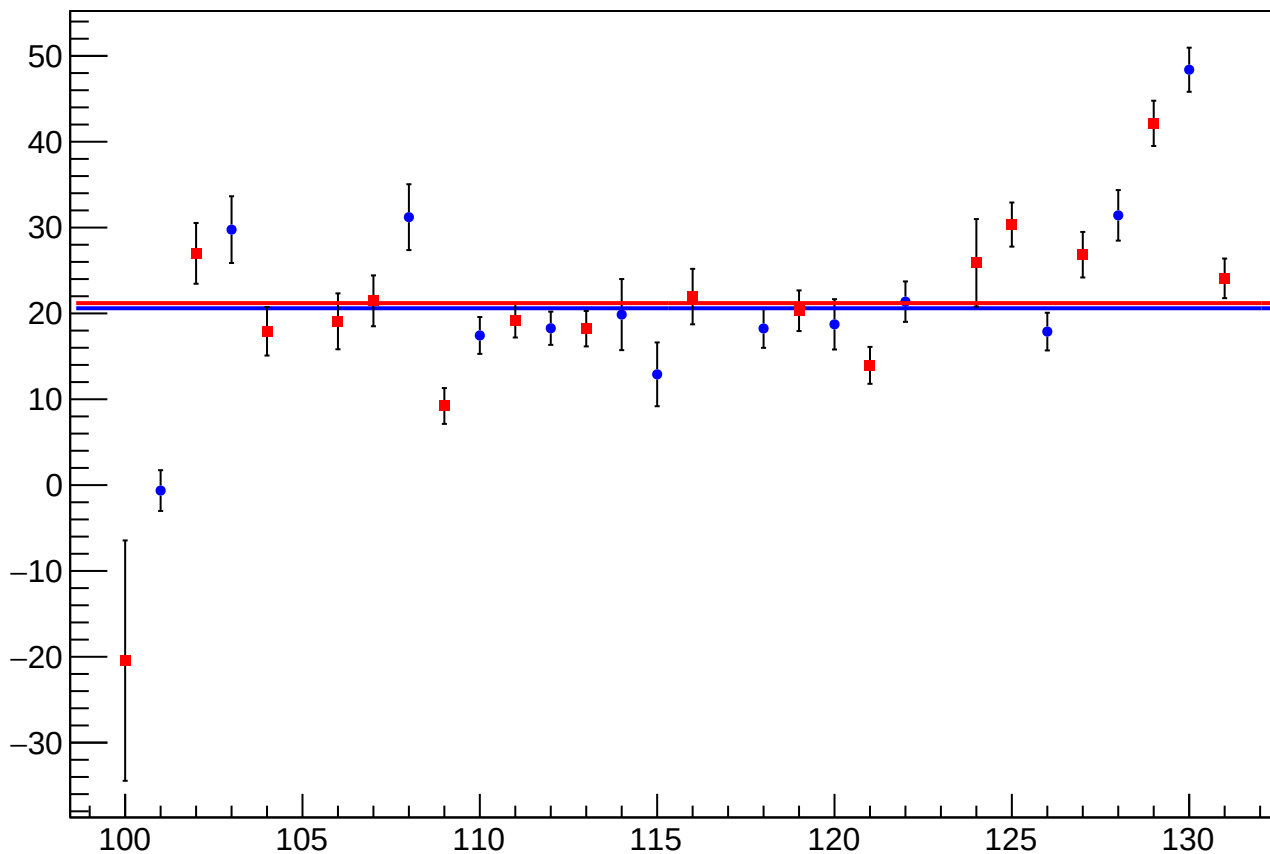
Right: -88.287+/-0.444 χ^2/NDF : 668.0/28

In: -90.291+/-0.665 χ^2/NDF : 128.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.287+/-0.444 χ^2/NDF : 668.0/28

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.600+/-0.727 χ^2 /NDF: 234.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 21.199+/-0.662 χ^2 /NDF: 143.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

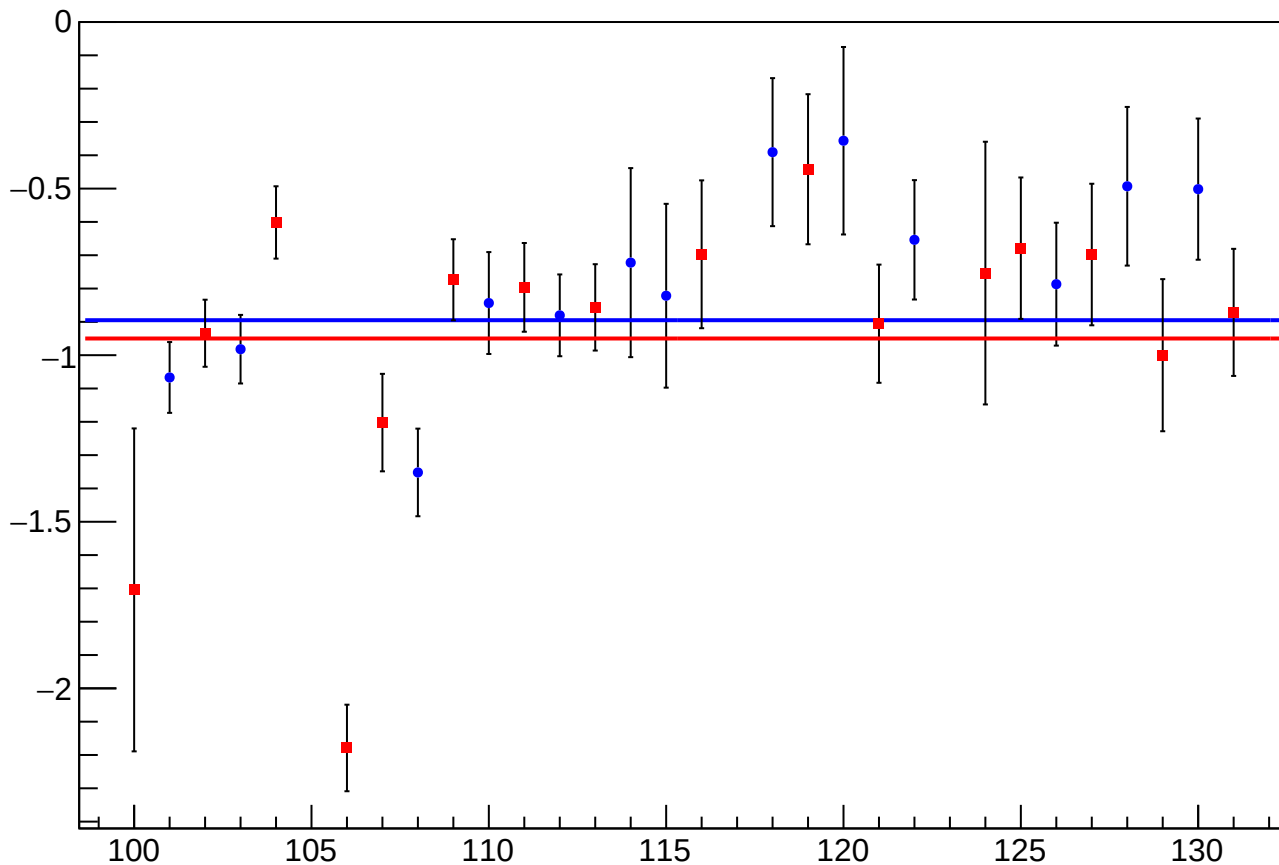
Right: 20.927+/-0.489 χ^2 /NDF: 378.6/28

In: 20.600+/-0.727 χ^2 /NDF:234.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.927+/-0.489 χ^2 /NDF: 378.6/28

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.895 ± 0.044 χ^2/NDF : 33.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.950 ± 0.039 χ^2/NDF : 119.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

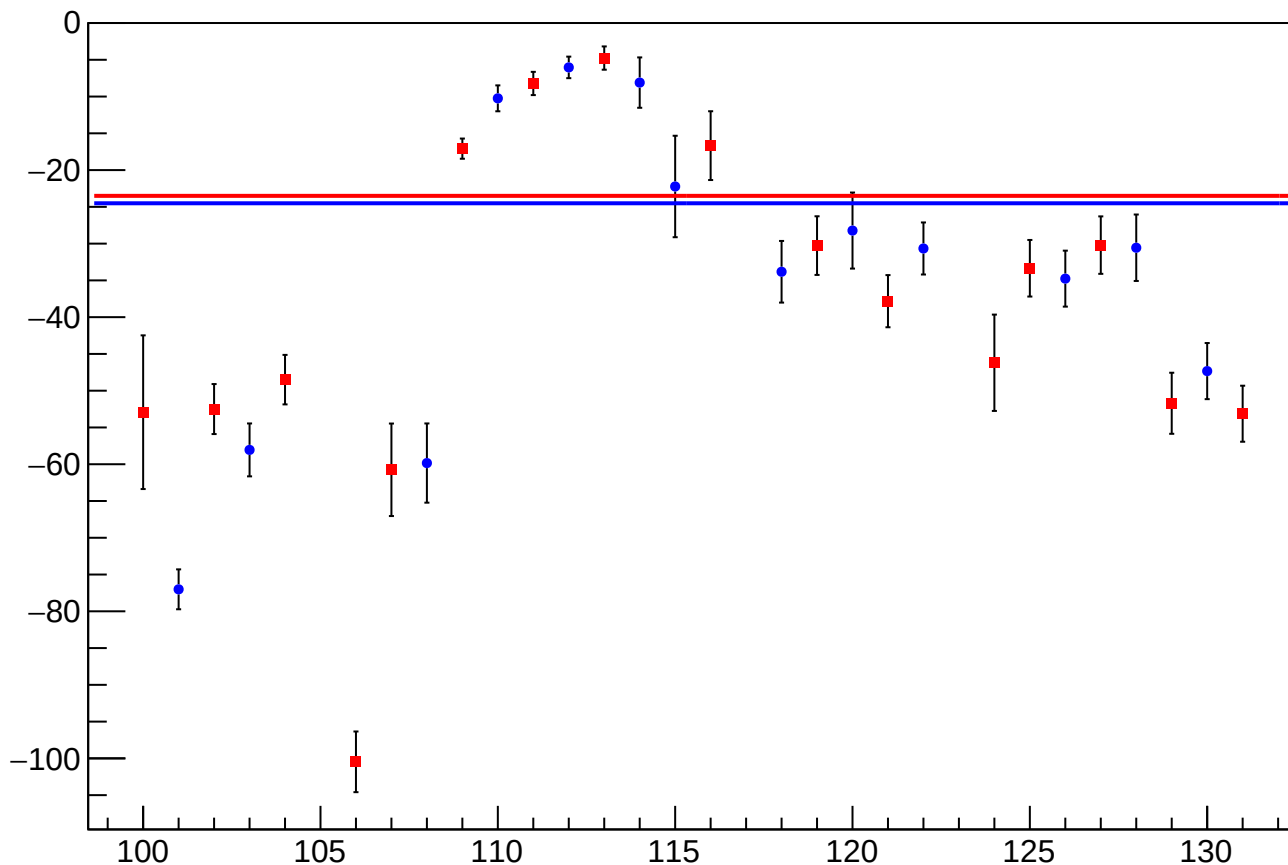
Right: -0.926 ± 0.029 χ^2/NDF : 153.2/28

In: -0.895 ± 0.044 χ^2/NDF : 33.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.926 ± 0.029 χ^2/NDF : 153.2/28

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.513 $\pm$ 0.816 χ^2 /NDF: 805.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.504 $\pm$ 0.695 χ^2 /NDF: 923.9/15

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

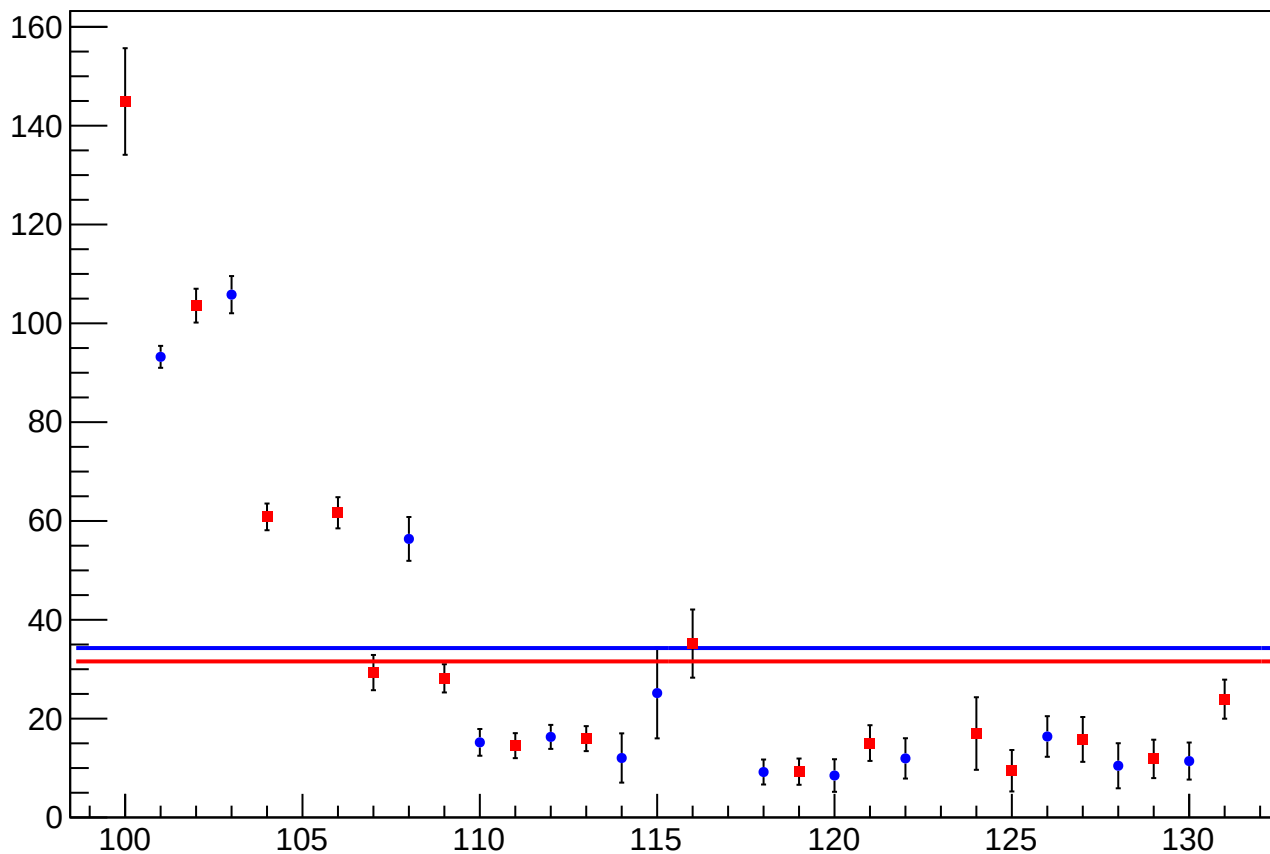
Right: -23.929 $\pm$ 0.529 χ^2 /NDF: 1730.2/28

In: -24.513 $\pm$ 0.816 χ^2 /NDF:805.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.929 $\pm$ 0.529 χ^2 /NDF: 1730.2/28

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.283+/-0.925 χ^2/NDF : 1489.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.579+/-0.864 χ^2/NDF : 1011.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

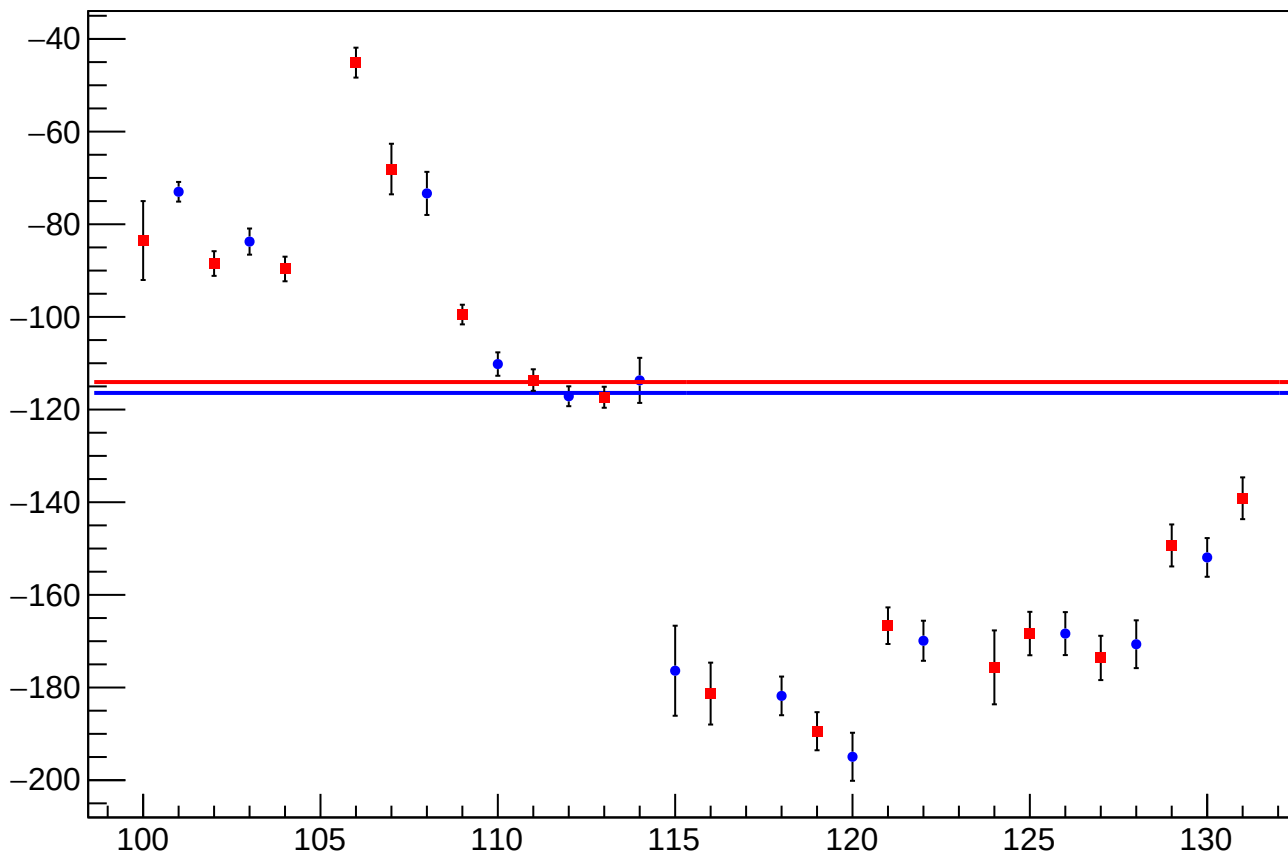
Right: 32.840+/-0.631 χ^2/NDF : 2505.9/28

In: 34.283+/-0.925 χ^2/NDF : 1489.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.840+/-0.631 χ^2/NDF : 2505.9/28

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -116.409 $\pm$ 0.949 χ^2 /NDF: 1618.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -114.061 $\pm$ 0.852 χ^2 /NDF: 1820.5/15

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

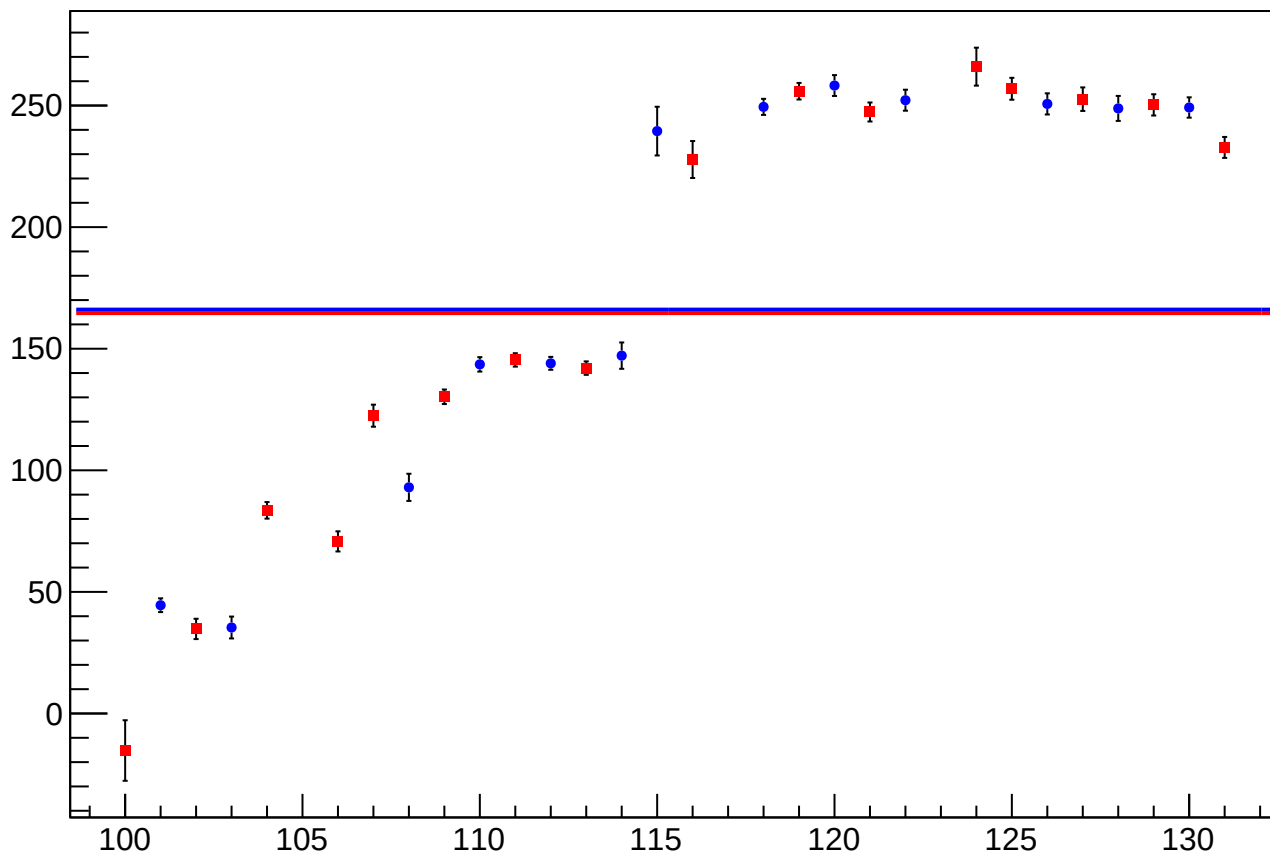
Right: -115.109 $\pm$ 0.634 χ^2 /NDF: 3442.6/28

In: -116.409 $\pm$ 0.949 χ^2 /NDF:1618.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -115.109 $\pm$ 0.634 χ^2 /NDF: 3442.6/28

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 166.075+/-1.082 χ^2/NDF : 5585.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.653+/-0.993 χ^2/NDF : 5374.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

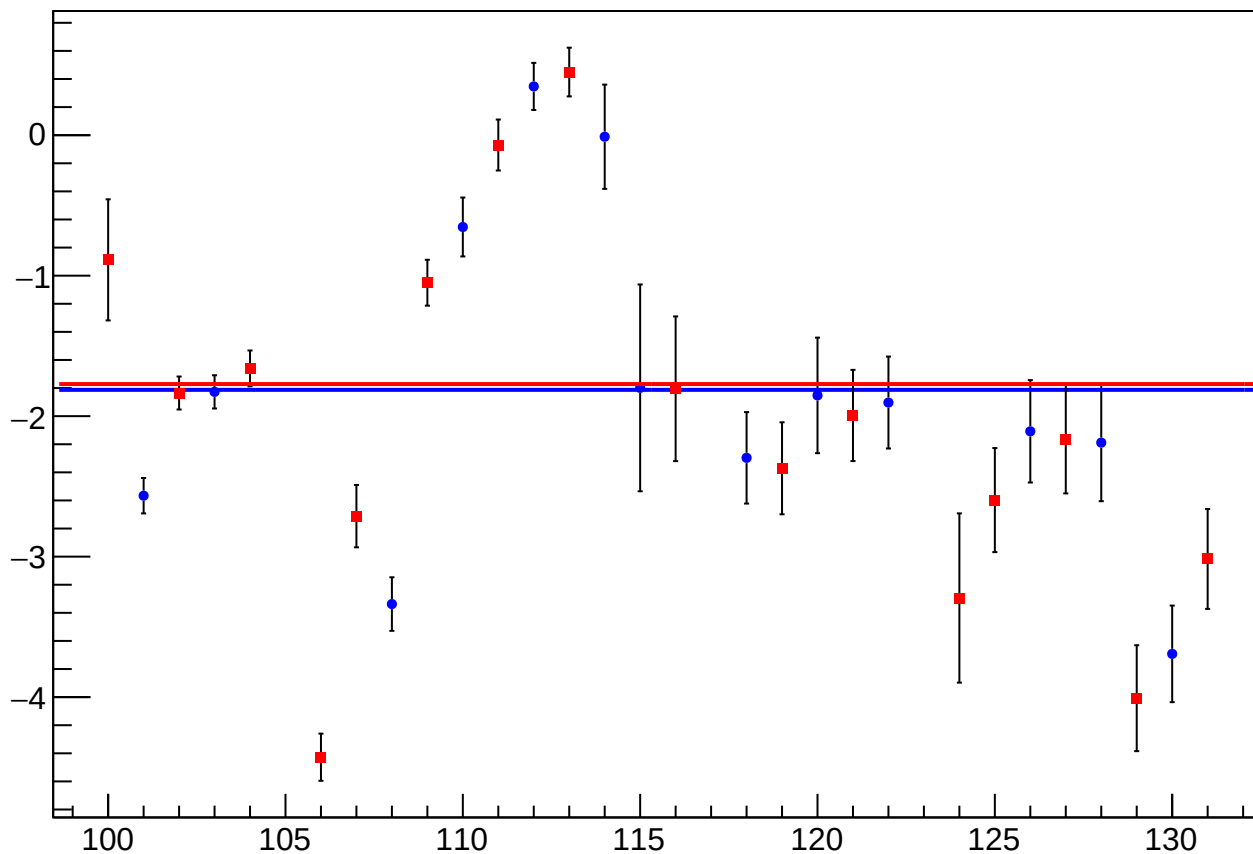
Right: 165.303+/-0.731 χ^2/NDF : 10960.6/28

In: 166.075+/-1.082 χ^2/NDF : 5585.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.303+/-0.731 χ^2/NDF : 10960.6/28

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.813 ± 0.060 χ^2/NDF : 353.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.772 ± 0.053 χ^2/NDF : 608.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

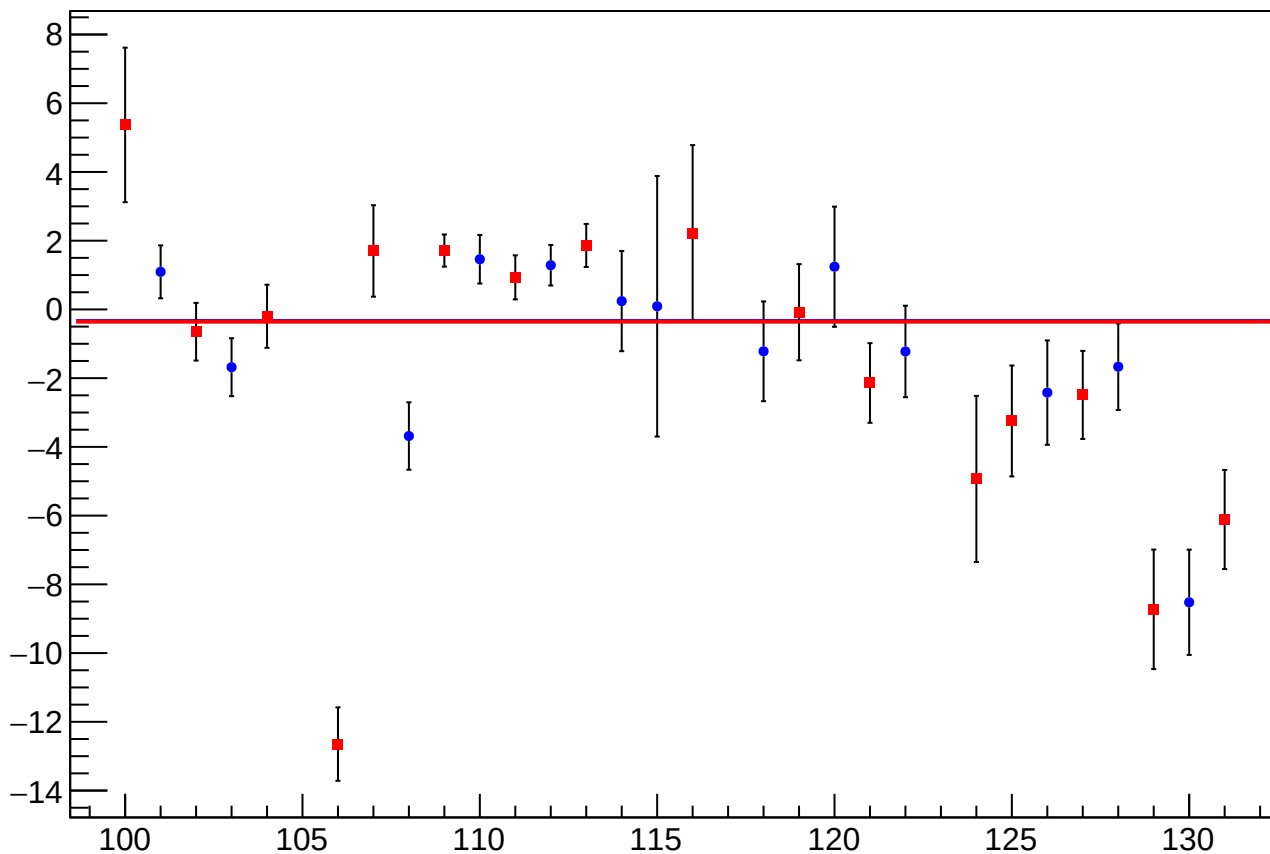
Right: -1.790 ± 0.040 χ^2/NDF : 962.3/28

In: -1.813 ± 0.060 χ^2/NDF : 353.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.790 ± 0.040 χ^2/NDF : 962.3/28

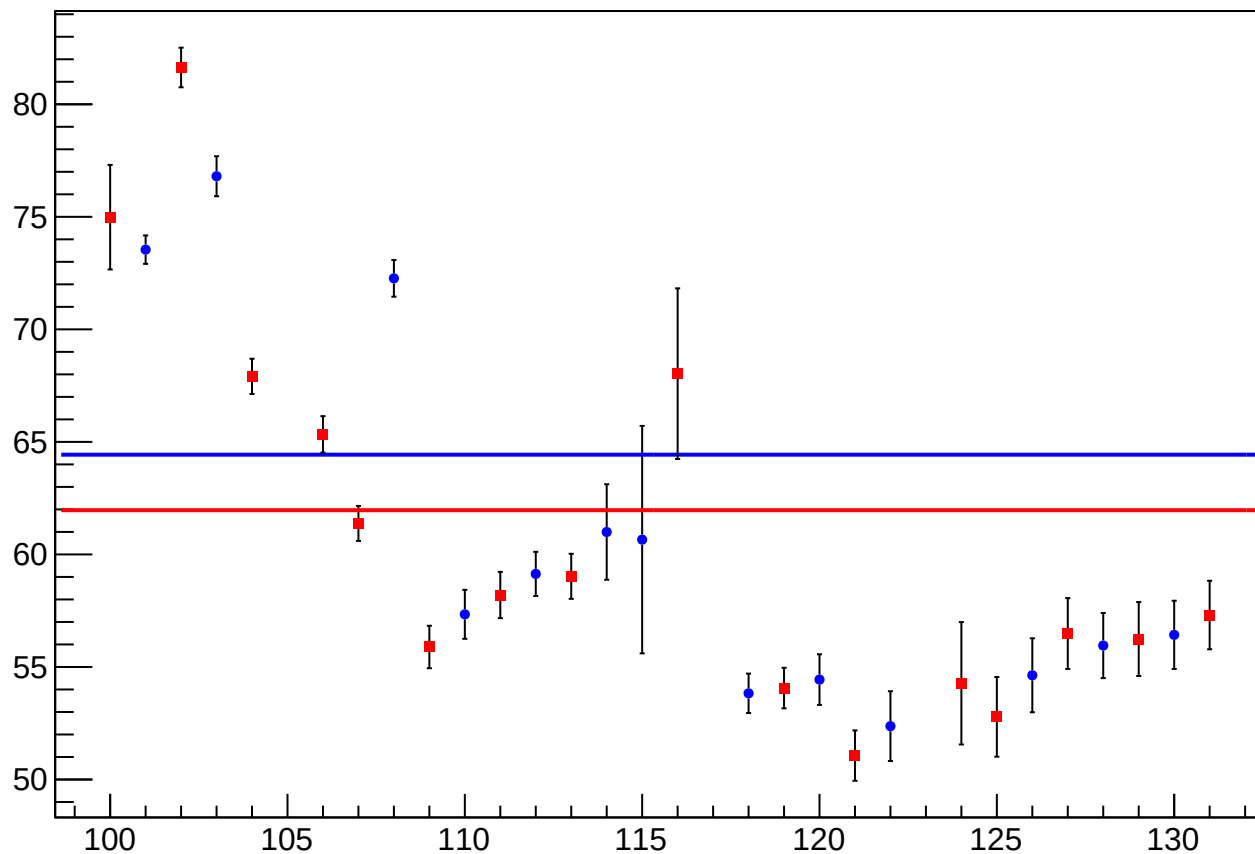
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.340 ± 0.284 χ^2/NDF : 65.0/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.355 ± 0.241 χ^2/NDF : 229.7/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.349 ± 0.184 χ^2/NDF : 294.7/28
 In: -0.340 ± 0.284 χ^2/NDF : 65.0/12
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.349 ± 0.184 χ^2/NDF : 294.7/28

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.433+/-0.299 χ^2/NDF : 952.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.966+/-0.276 χ^2/NDF : 912.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

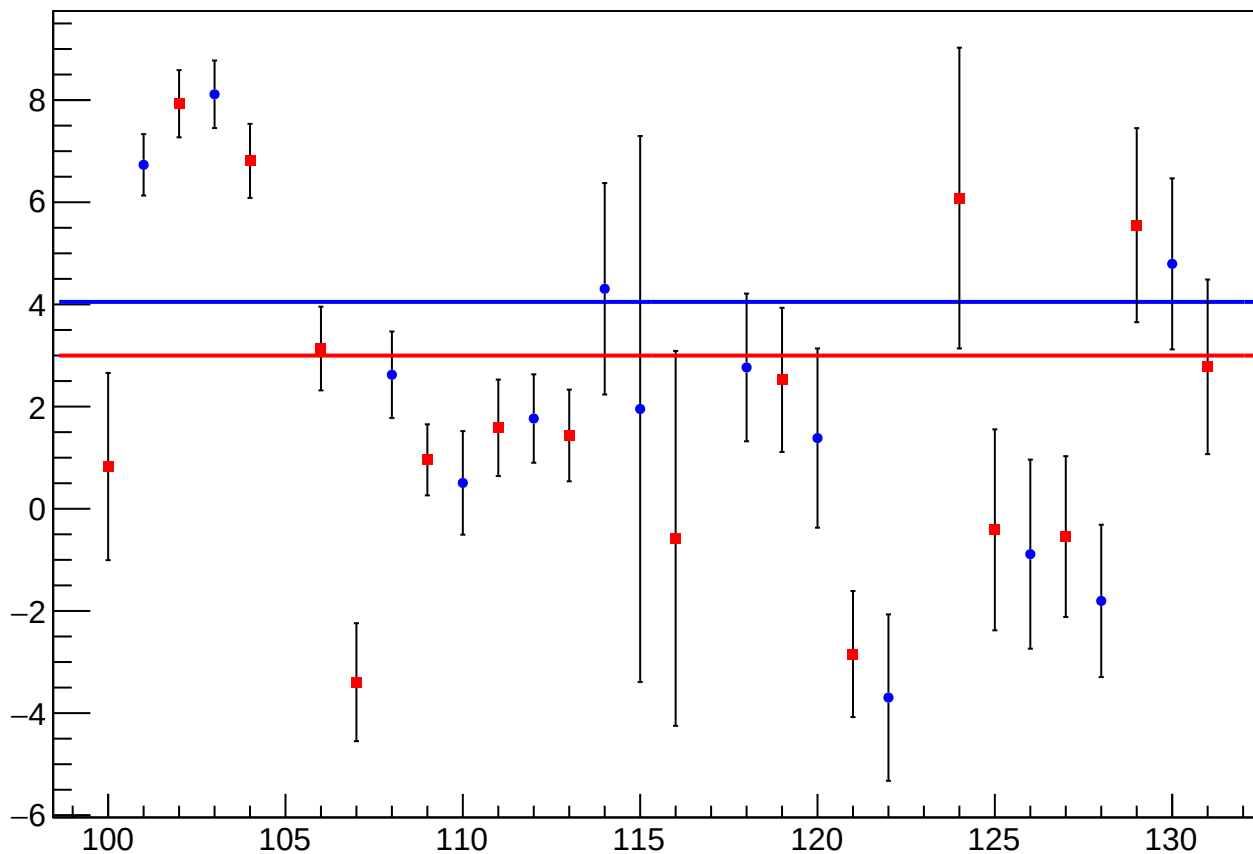
Right: 63.103+/-0.203 χ^2/NDF : 1901.6/28

In: 64.433+/-0.299 χ^2/NDF : 952.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.103+/-0.203 χ^2/NDF : 1901.6/28

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.050 $\pm$ 0.297 χ^2/NDF : 128.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.999 $\pm$ 0.269 χ^2/NDF : 164.3/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

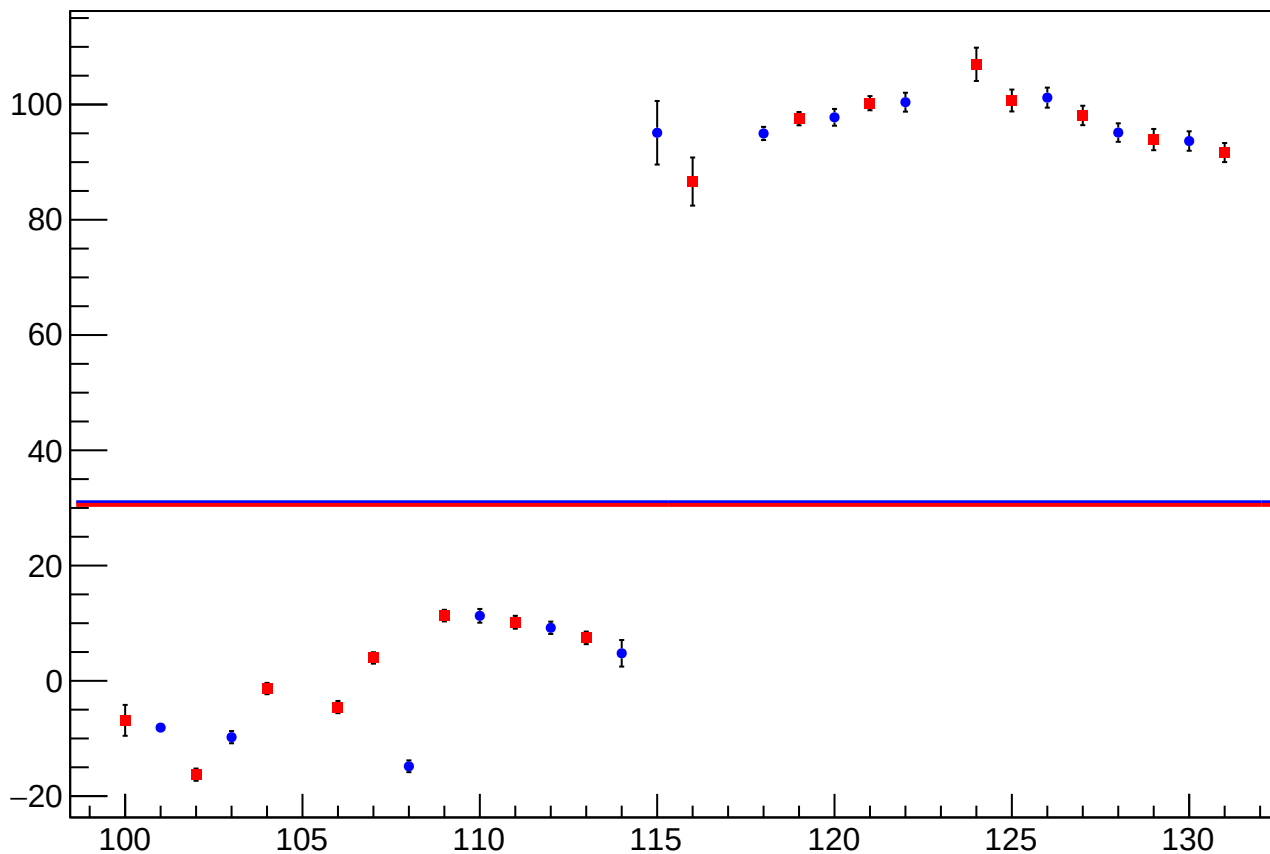
Right: 3.472 $\pm$ 0.200 χ^2/NDF : 299.5/28

In: 4.050 $\pm$ 0.297 χ^2/NDF : 128.3/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3.472 $\pm$ 0.200 χ^2/NDF : 299.5/28

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.980+/-0.356 χ^2/NDF : 18438.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.534+/-0.325 χ^2/NDF : 19122.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

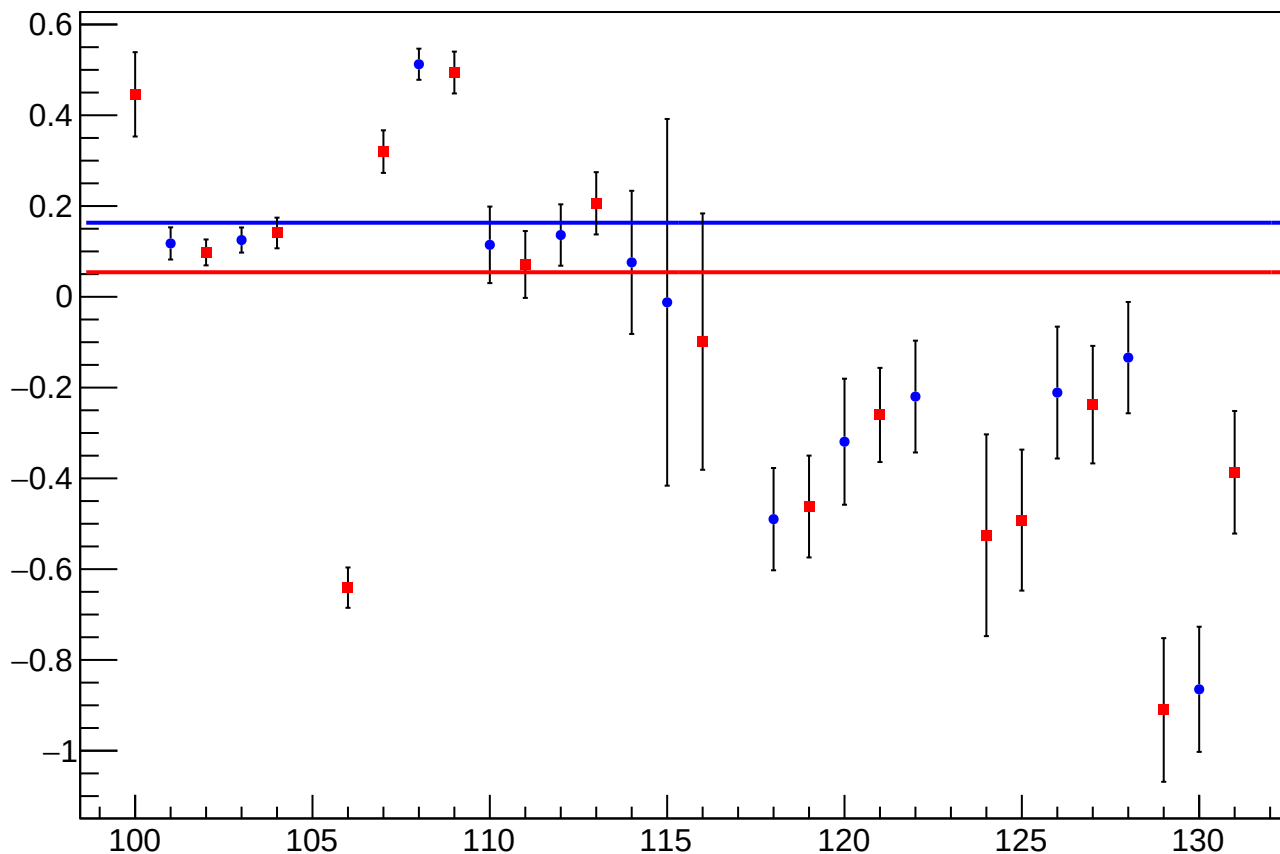
Right: 30.736+/-0.240 χ^2/NDF : 37561.7/28

In: 30.980+/-0.356 χ^2/NDF : 18438.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.736+/-0.240 χ^2/NDF : 37561.7/28

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.163+/-0.016 χ^2/NDF : 231.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.054+/-0.015 χ^2/NDF : 502.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

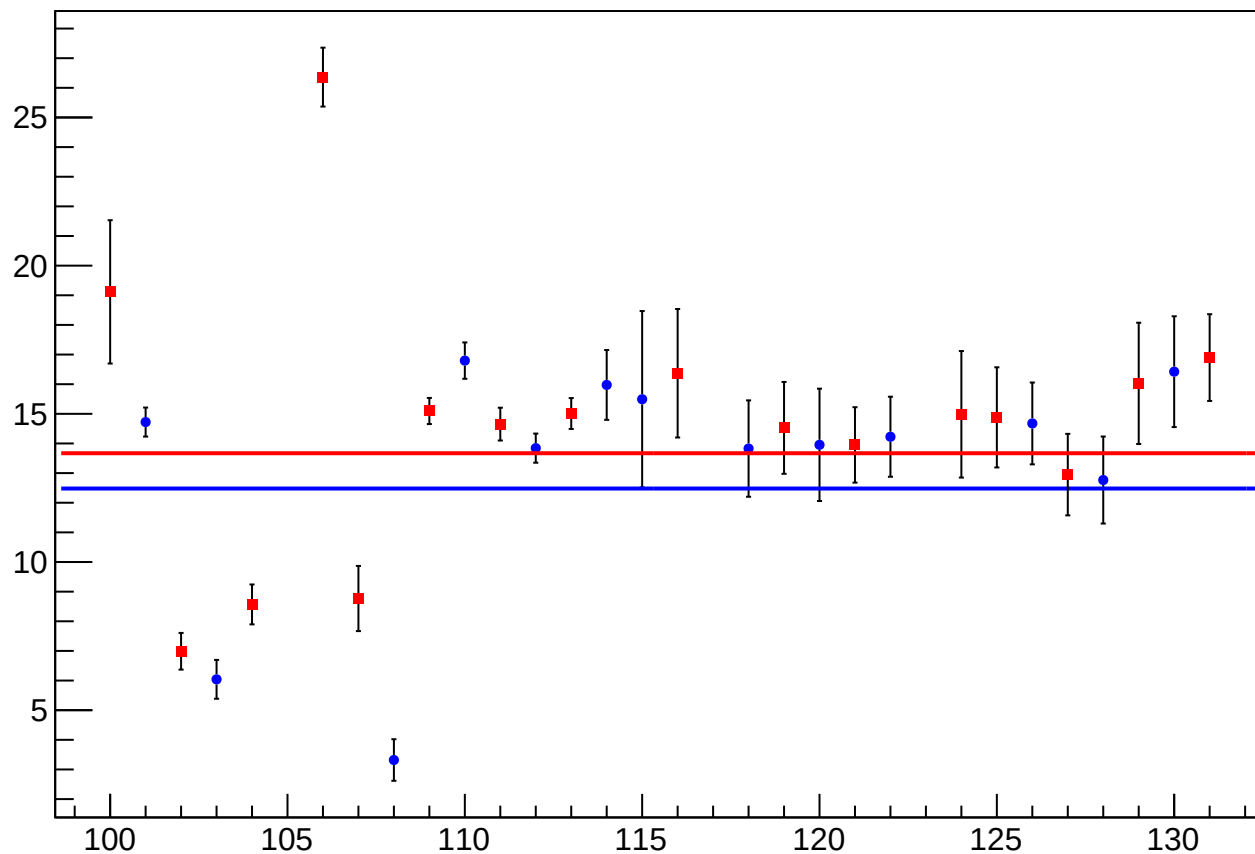
Right: 0.104+/-0.011 χ^2/NDF : 757.8/28

In: 0.163+/-0.016 χ^2/NDF : 231.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.011 χ^2/NDF : 757.8/28

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.479+/-0.232 χ^2/NDF : 365.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.670+/-0.213 χ^2/NDF : 391.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

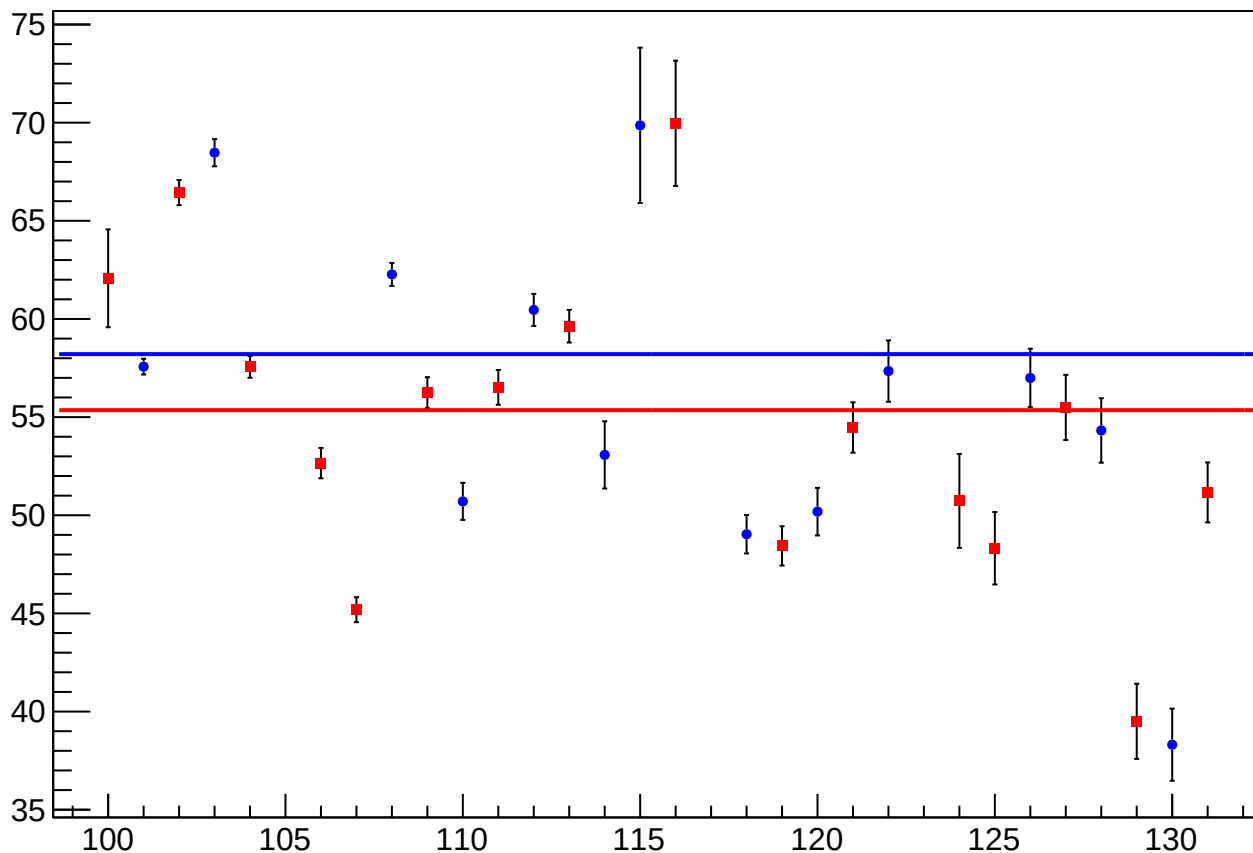
Right: 13.124+/-0.157 χ^2/NDF : 771.1/28

In: 12.479+/-0.232 χ^2/NDF : 365.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.124+/-0.157 χ^2/NDF : 771.1/28

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.209+/-0.239 χ^2/NDF : 613.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.353+/-0.239 χ^2/NDF : 783.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

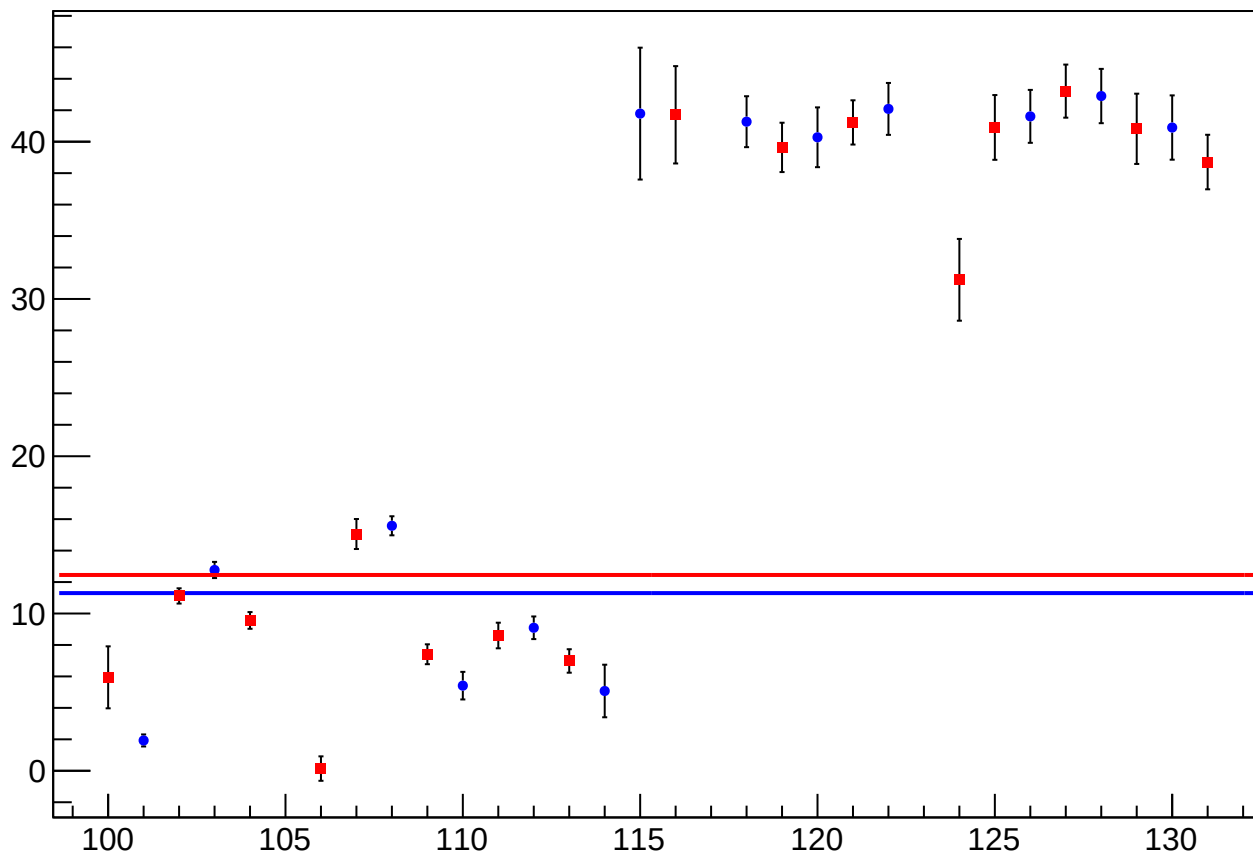
Right: 56.778+/-0.169 χ^2/NDF : 1468.6/28

In: 58.209+/-0.239 χ^2/NDF : 613.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.778+/-0.169 χ^2/NDF : 1468.6/28

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.298+/-0.230 χ^2/NDF : 2570.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.451+/-0.230 χ^2/NDF : 2220.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

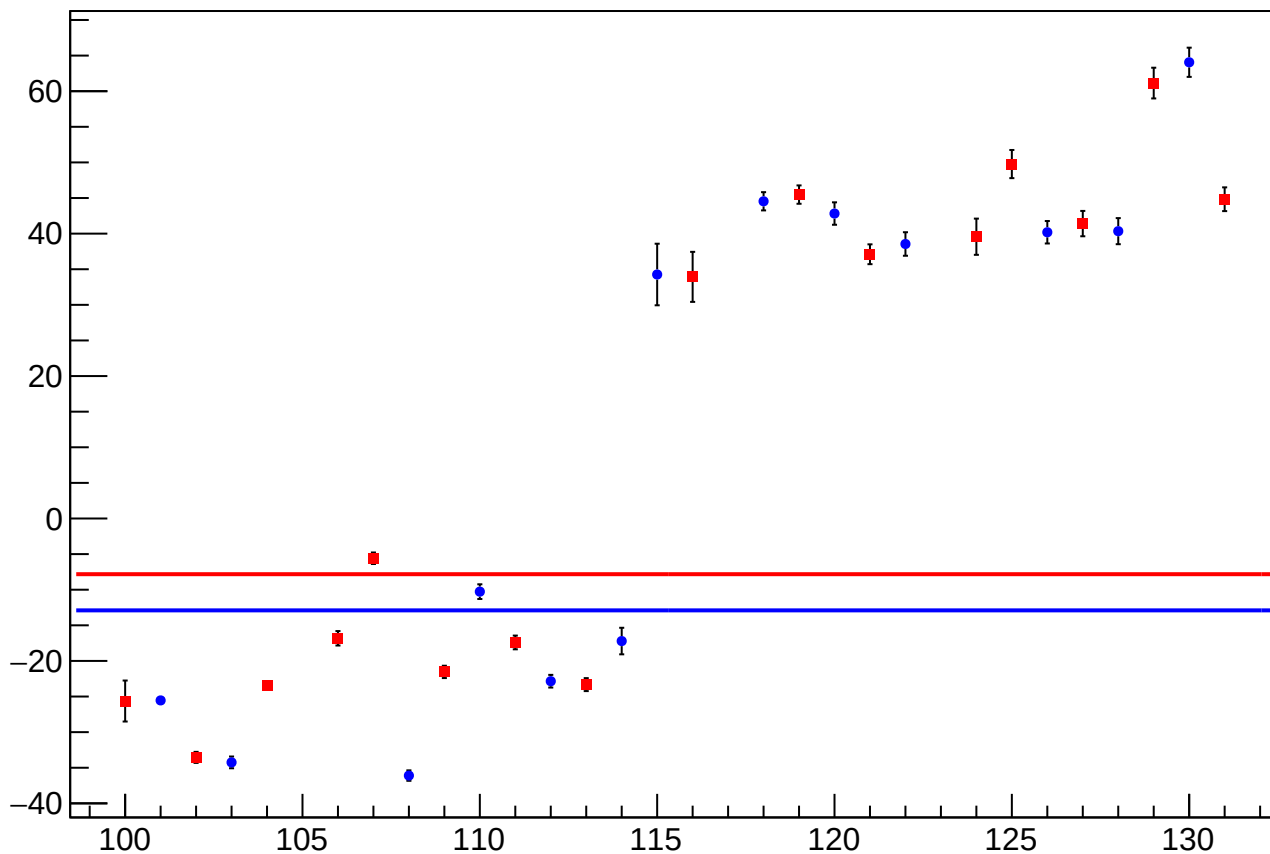
Right: 11.874+/-0.163 χ^2/NDF : 4803.4/28

In: 11.298+/-0.230 χ^2/NDF : 2570.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.874+/-0.163 χ^2/NDF : 4803.4/28

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.901 $\pm$ 0.288 χ^2 /NDF: 10161.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.821 $\pm$ 0.283 χ^2 /NDF: 9250.5/15

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

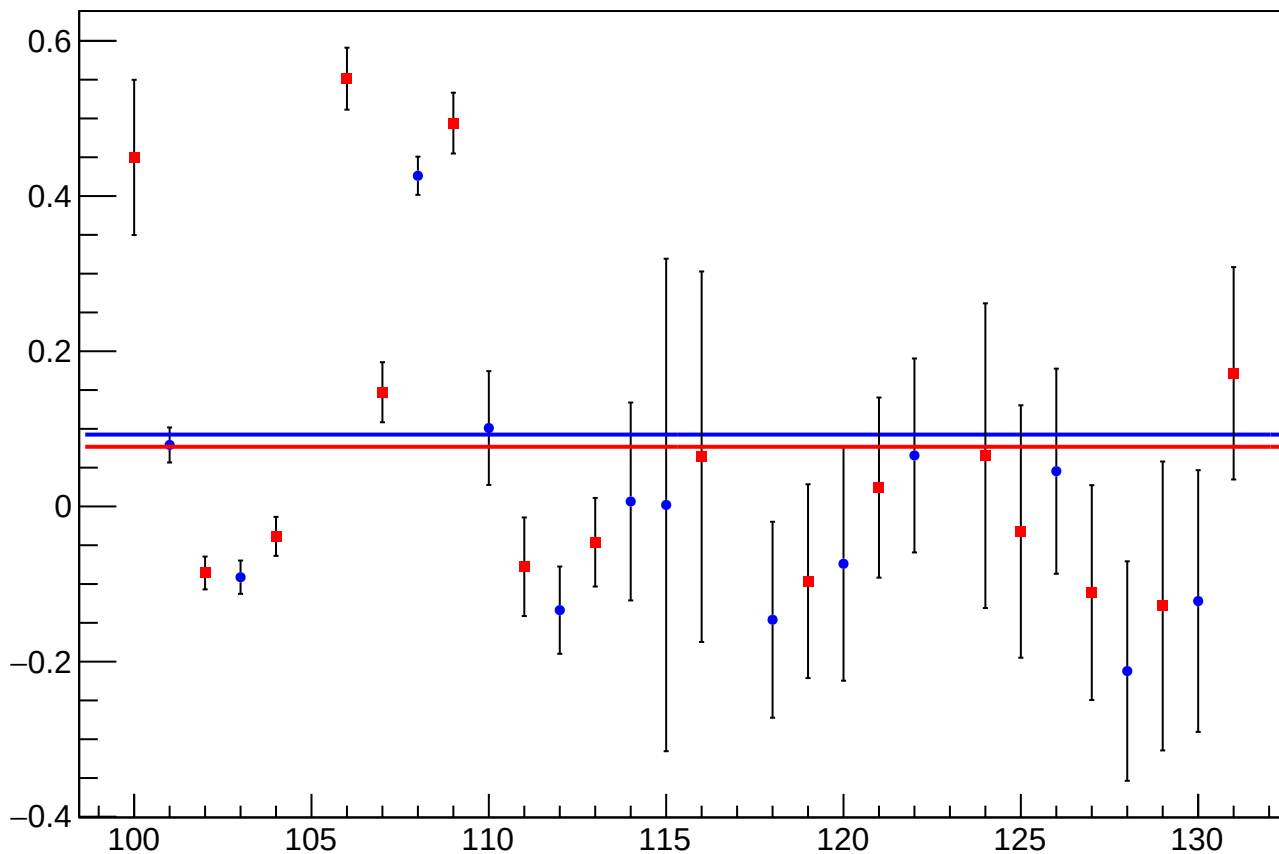
Right: -10.316 $\pm$ 0.202 χ^2 /NDF: 19569.8/28

In: -12.901 $\pm$ 0.288 χ^2 /NDF:10161.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.316 $\pm$ 0.202 χ^2 /NDF: 19569.8/28

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.093 $\pm$ 0.012 χ^2 /NDF: 285.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.012 χ^2 /NDF: 368.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

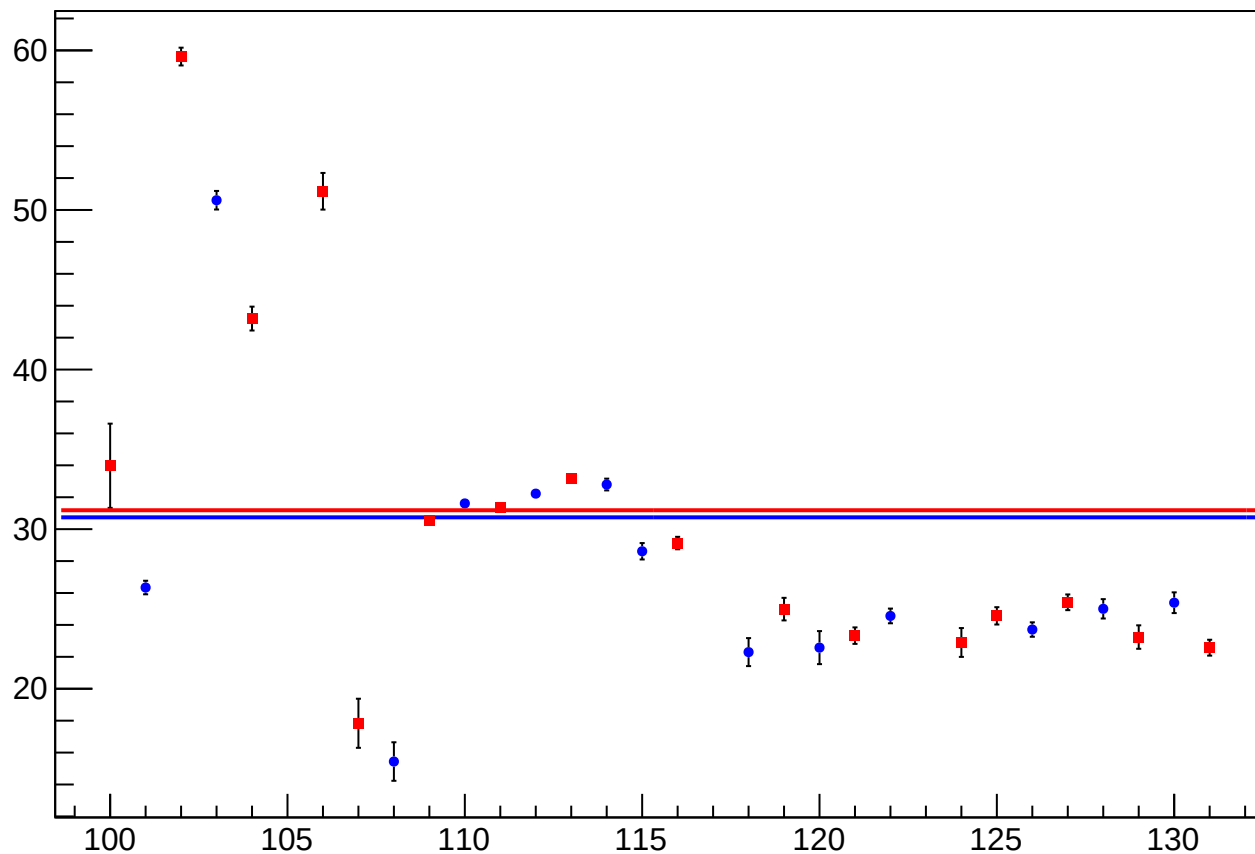
Right: 0.085 $\pm$ 0.009 χ^2 /NDF: 654.9/28

In: 0.093 $\pm$ 0.012 χ^2 /NDF:285.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.085 $\pm$ 0.009 χ^2 /NDF: 654.9/28

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 30.741+/-0.100 χ^2/NDF : 2318.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.185+/-0.082 χ^2/NDF : 4506.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

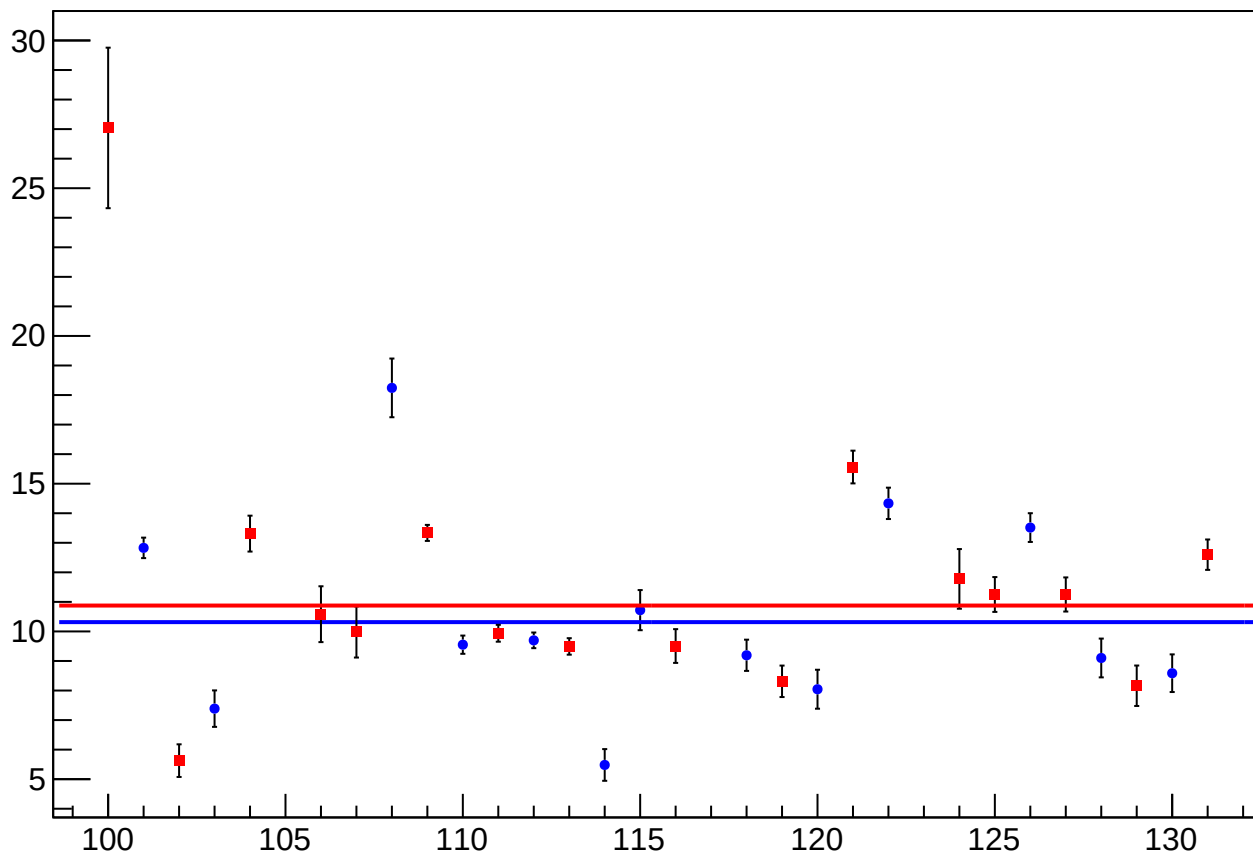
Right: 31.005+/-0.063 χ^2/NDF : 6837.3/28

In: 30.741+/-0.100 χ^2/NDF : 2318.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.005+/-0.063 χ^2/NDF : 6837.3/28

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.315+/-0.128 χ^2/NDF : 359.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.876+/-0.120 χ^2/NDF : 389.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

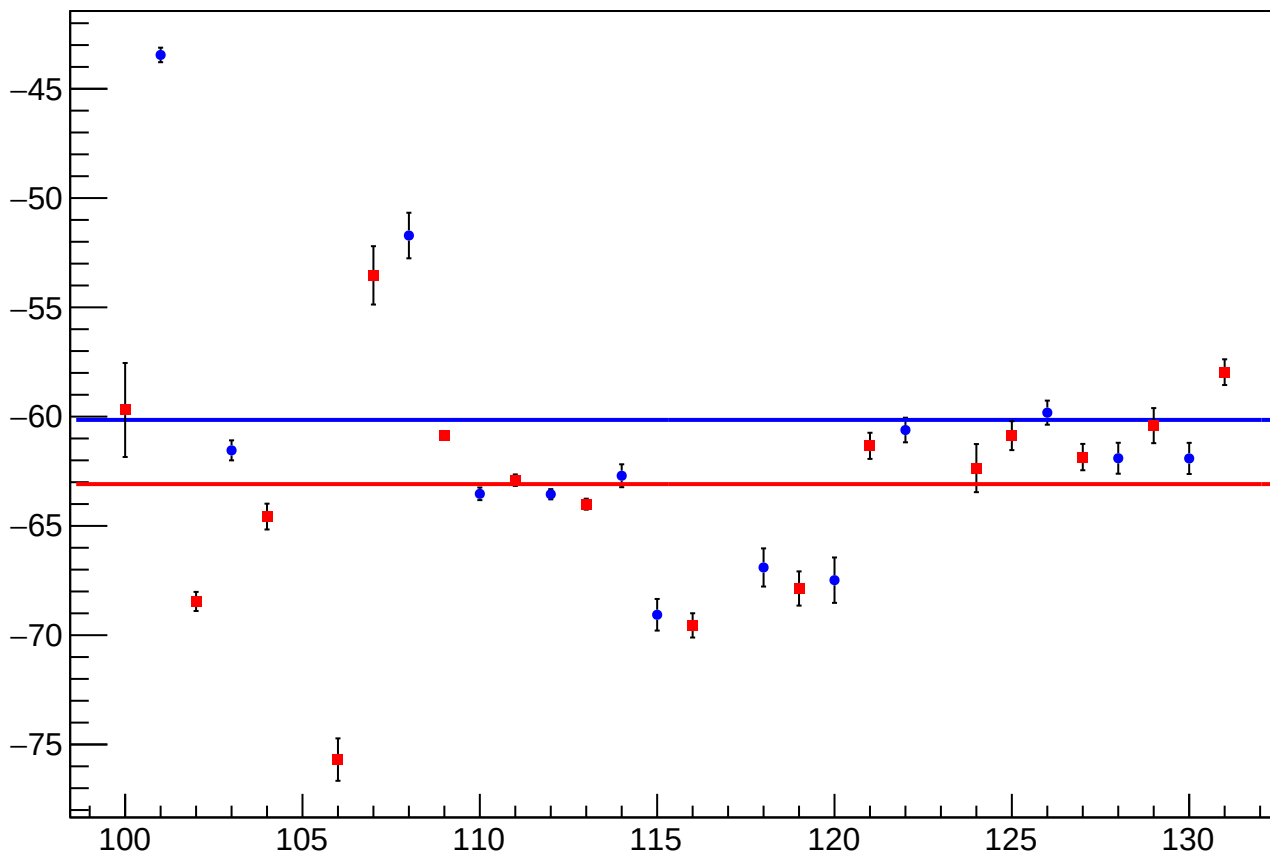
Right: 10.615+/-0.087 χ^2/NDF : 759.4/28

In: 10.315+/-0.128 χ^2/NDF : 359.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.615+/-0.087 χ^2/NDF : 759.4/28

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.150 ± 0.126 χ^2/NDF : 3243.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.087 ± 0.112 χ^2/NDF : 783.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

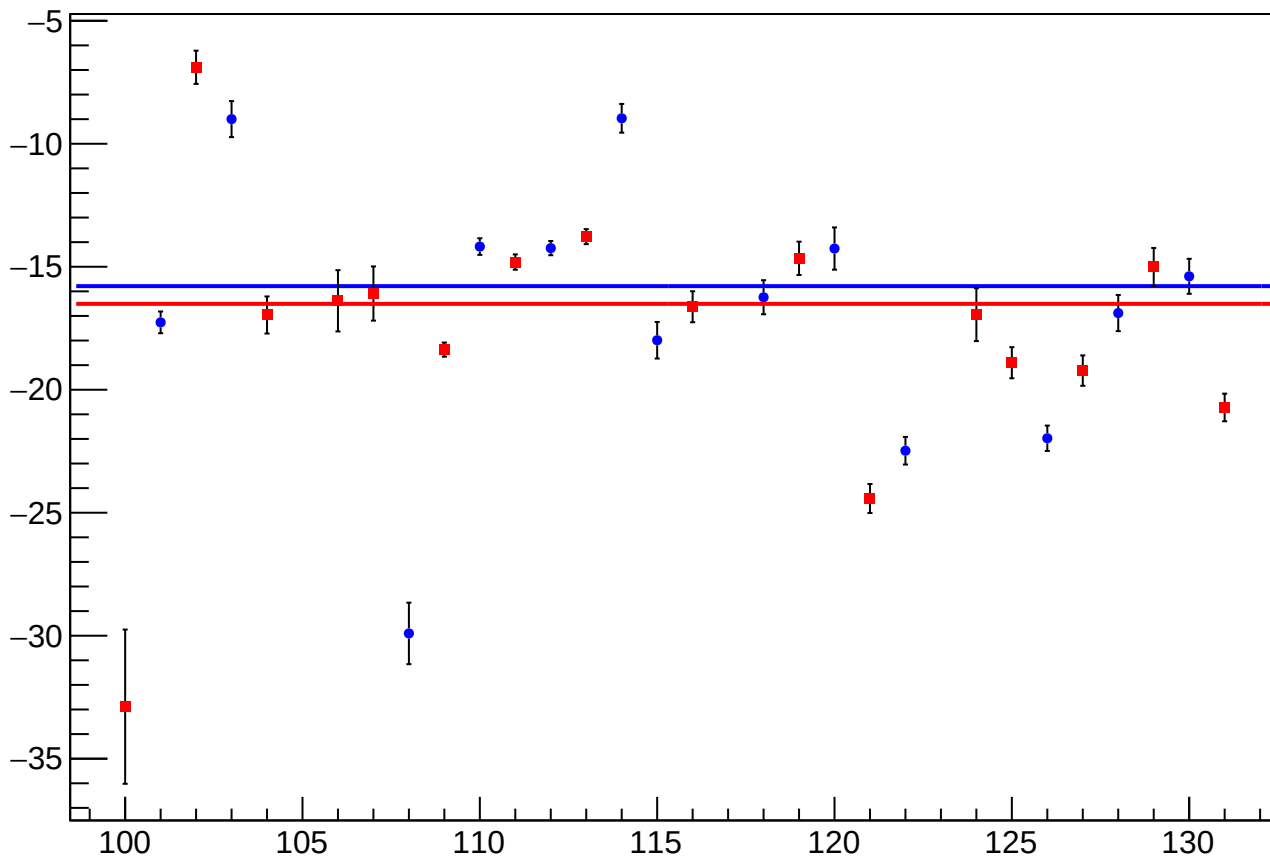
Right: -61.788 ± 0.084 χ^2/NDF : 4331.6/28

In: -60.150 ± 0.126 χ^2/NDF : 3243.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.788 ± 0.084 χ^2/NDF : 4331.6/28

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.788 ± 0.145 χ^2/NDF : 713.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.509 ± 0.132 χ^2/NDF : 663.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

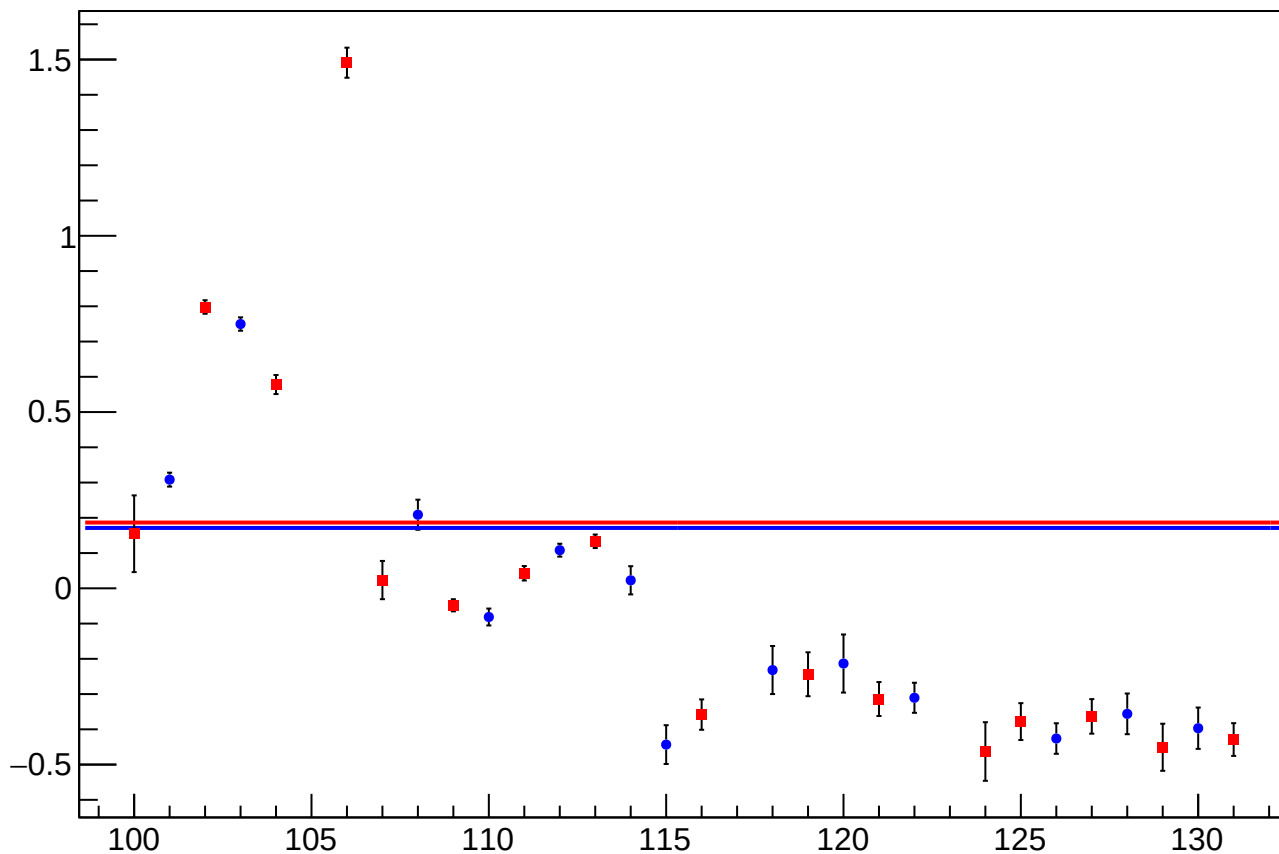
Right: -16.182 ± 0.098 χ^2/NDF : 1390.6/28

In: -15.788 ± 0.145 χ^2/NDF : 713.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.182 ± 0.098 χ^2/NDF : 1390.6/28

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.009 χ^2/NDF : 1789.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.187+/-0.008 χ^2/NDF : 3299.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

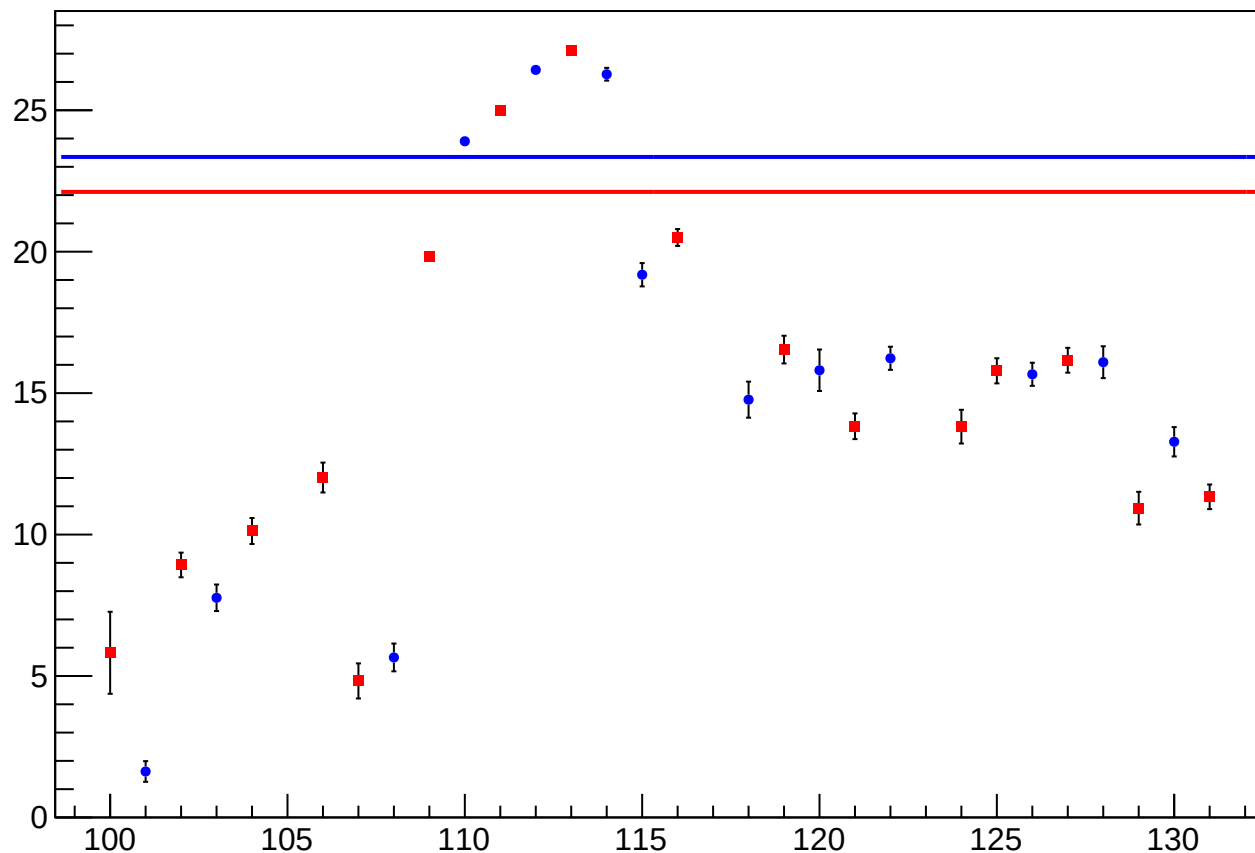
Right: 0.180+/-0.006 χ^2/NDF : 5090.0/28

In: 0.171+/-0.009 χ^2/NDF : 1789.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.180+/-0.006 χ^2/NDF : 5090.0/28

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.348+/-0.059 χ^2/NDF : 8973.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.114+/-0.047 χ^2/NDF : 9368.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

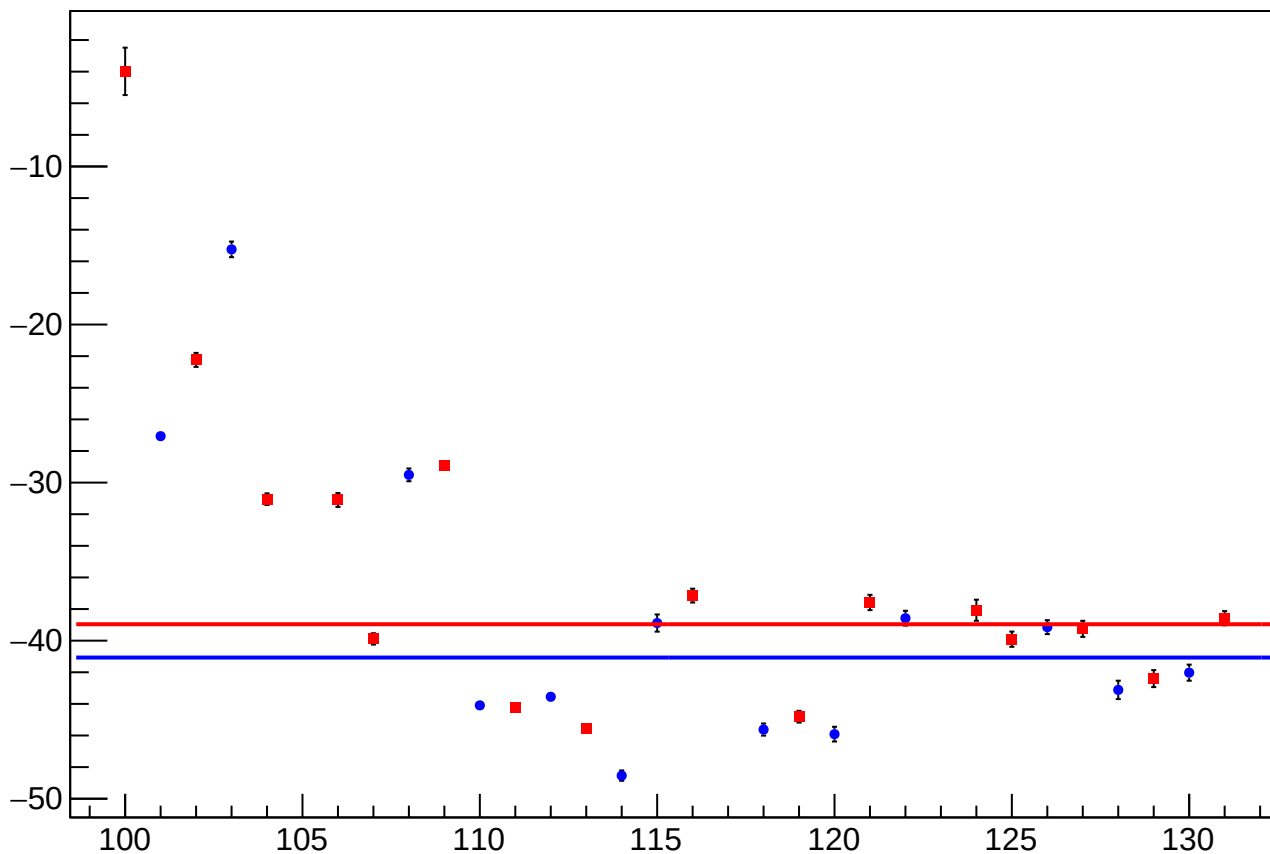
Right: 22.591+/-0.037 χ^2/NDF : 18608.9/28

In: 23.348+/-0.059 χ^2/NDF : 8973.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.591+/-0.037 χ^2/NDF : 18608.9/28

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.069+/-0.083 χ^2/NDF : 7234.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.961+/-0.074 χ^2/NDF : 9729.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

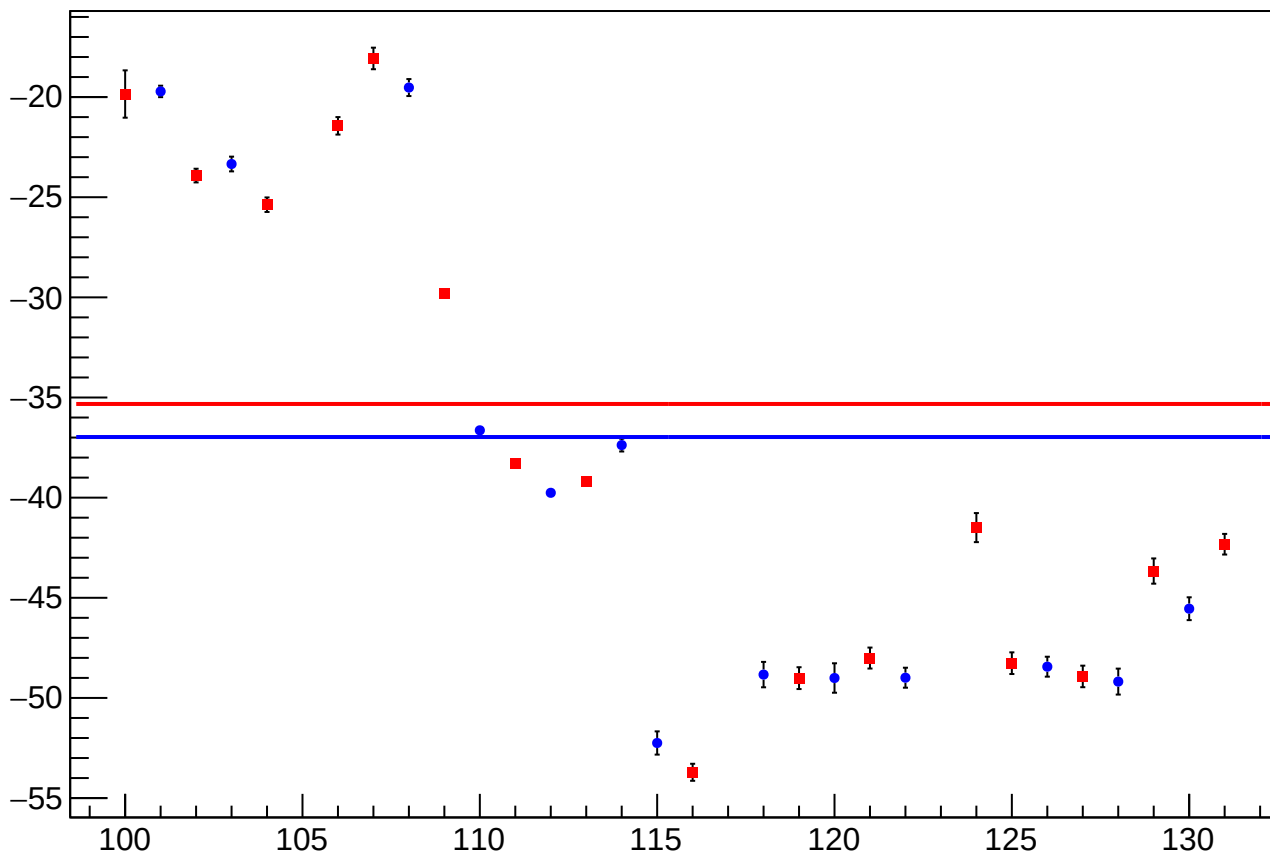
Right: -39.894+/-0.055 χ^2/NDF : 17327.5/28

In: -41.069+/-0.083 χ^2/NDF : 7234.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.894+/-0.055 χ^2/NDF : 17327.5/28

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.973 ± 0.079 χ^2/NDF : 10193.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.323 ± 0.066 χ^2/NDF : 12209.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

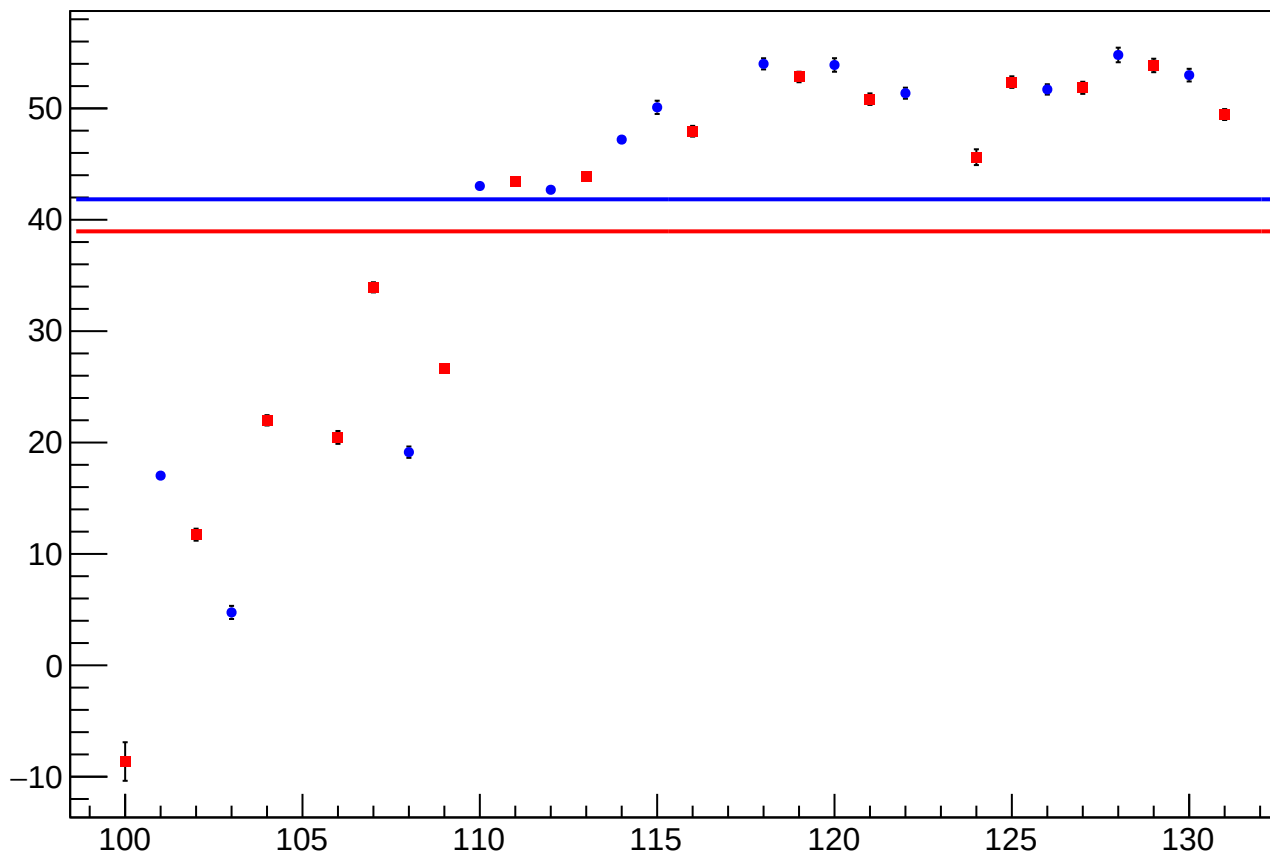
Right: -36.001 ± 0.051 χ^2/NDF : 22660.0/28

In: -36.973 ± 0.079 χ^2/NDF : 10193.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.001 ± 0.051 χ^2/NDF : 22660.0/28

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.836+/-0.093 χ^2/NDF : 13287.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.960+/-0.081 χ^2/NDF : 16649.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

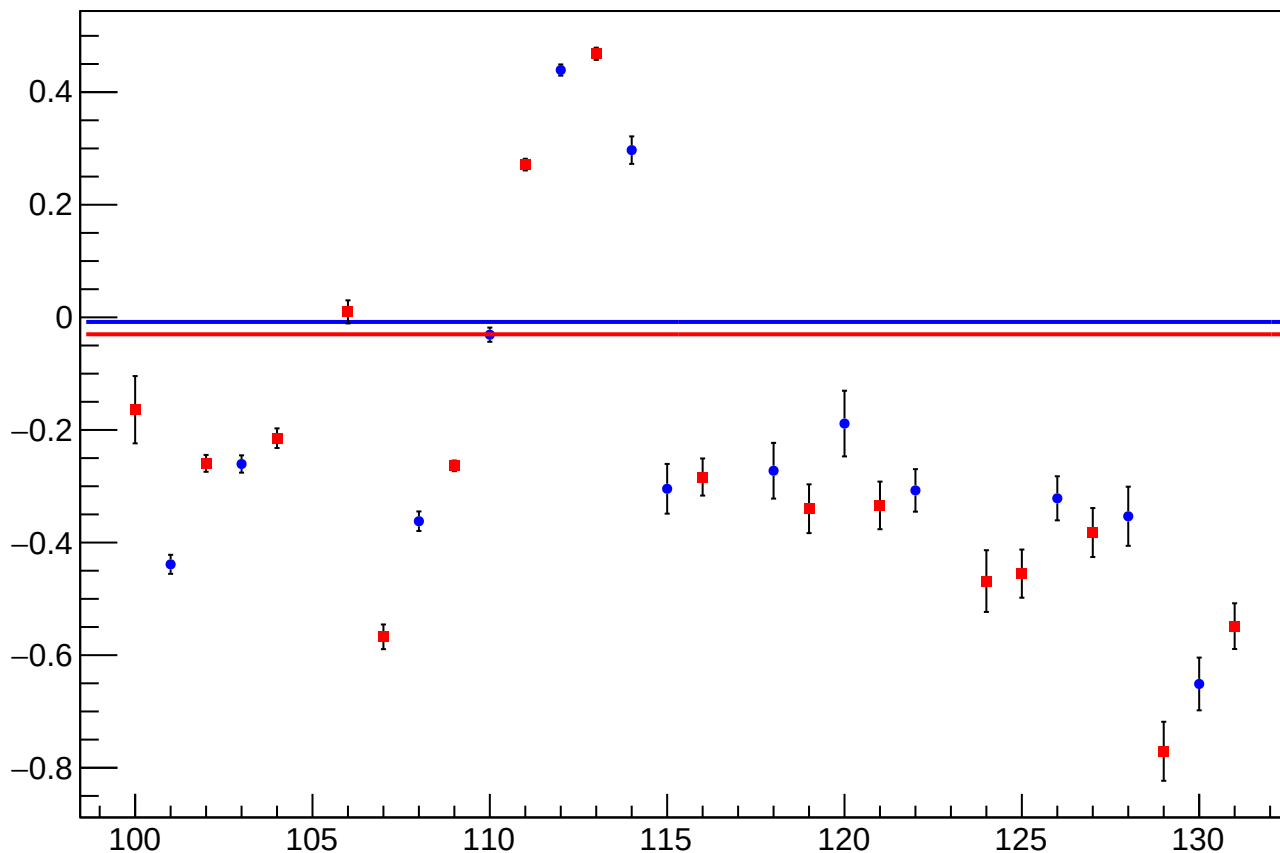
Right: 40.206+/-0.061 χ^2/NDF : 30482.4/28

In: 41.836+/-0.093 χ^2/NDF : 13287.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.206+/-0.061 χ^2/NDF : 30482.4/28

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.008 ± 0.006 χ^2/NDF : 3956.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.005 χ^2/NDF : 5290.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

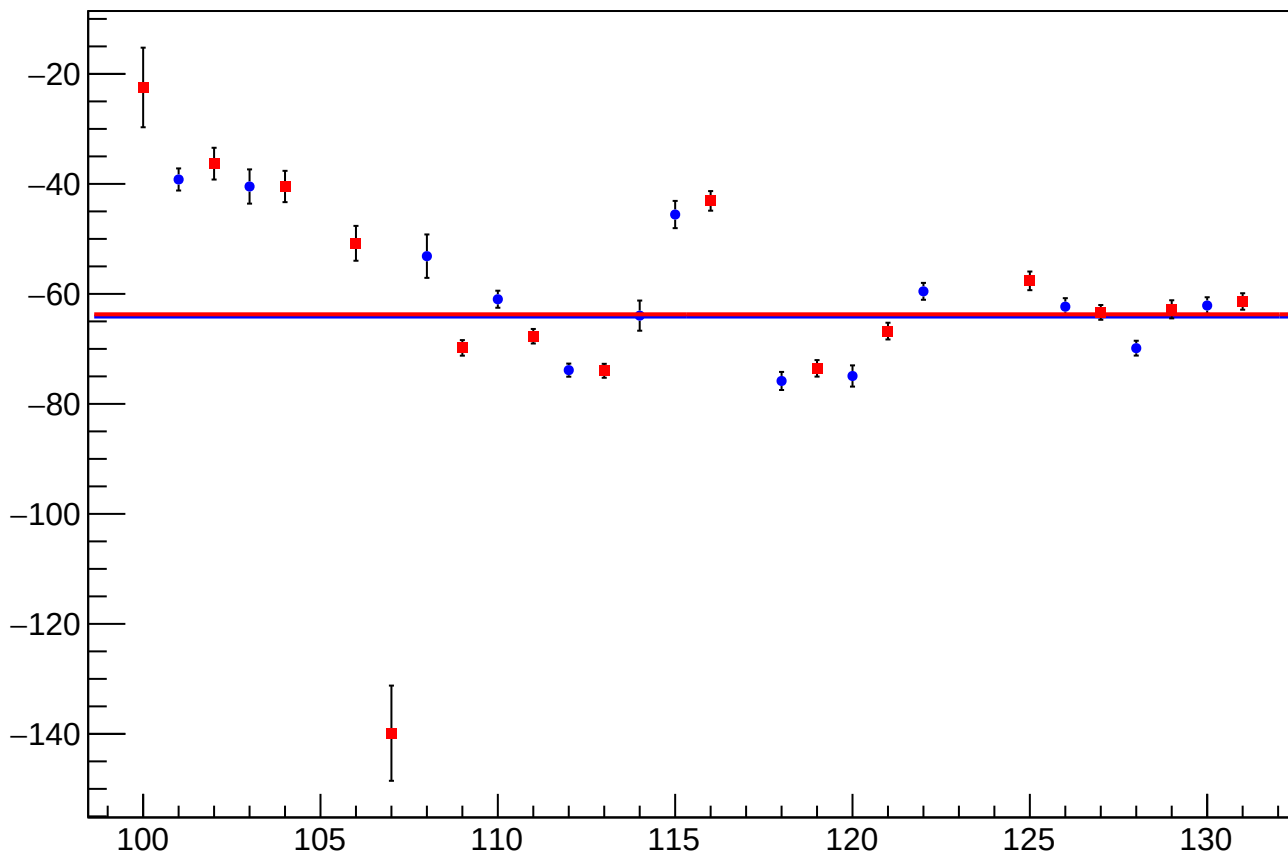
Right: -0.021 ± 0.004 χ^2/NDF : 9255.9/28

In: -0.008 ± 0.006 χ^2/NDF : 3956.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.004 χ^2/NDF : 9255.9/28

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.117+/-0.482 χ^2/NDF : 458.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.712+/-0.448 χ^2/NDF : 573.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

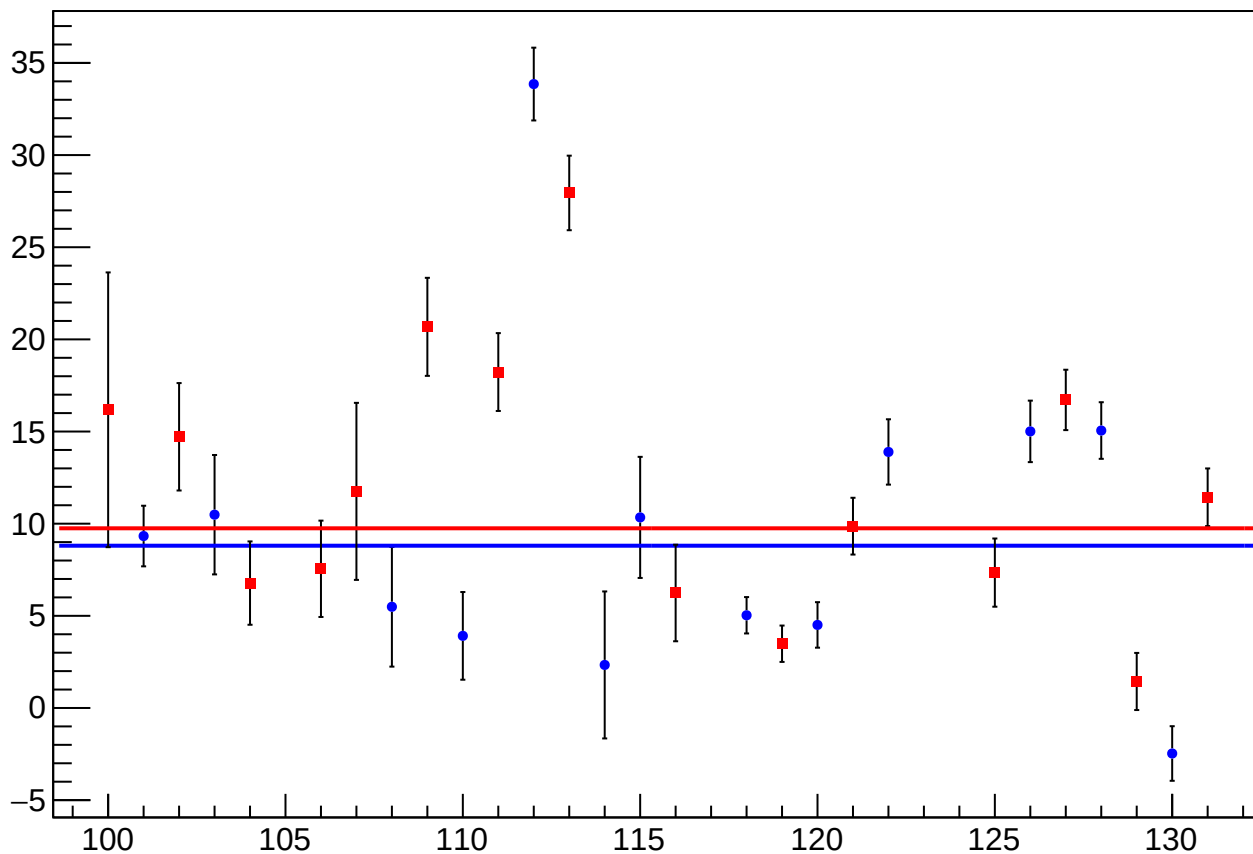
Right: -63.900+/-0.328 χ^2/NDF : 1032.0/27

In: -64.117+/-0.482 χ^2/NDF : 458.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.900+/-0.328 χ^2/NDF : 1032.0/27

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.805+/-0.477 χ^2/NDF : 292.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.749+/-0.487 χ^2/NDF : 212.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

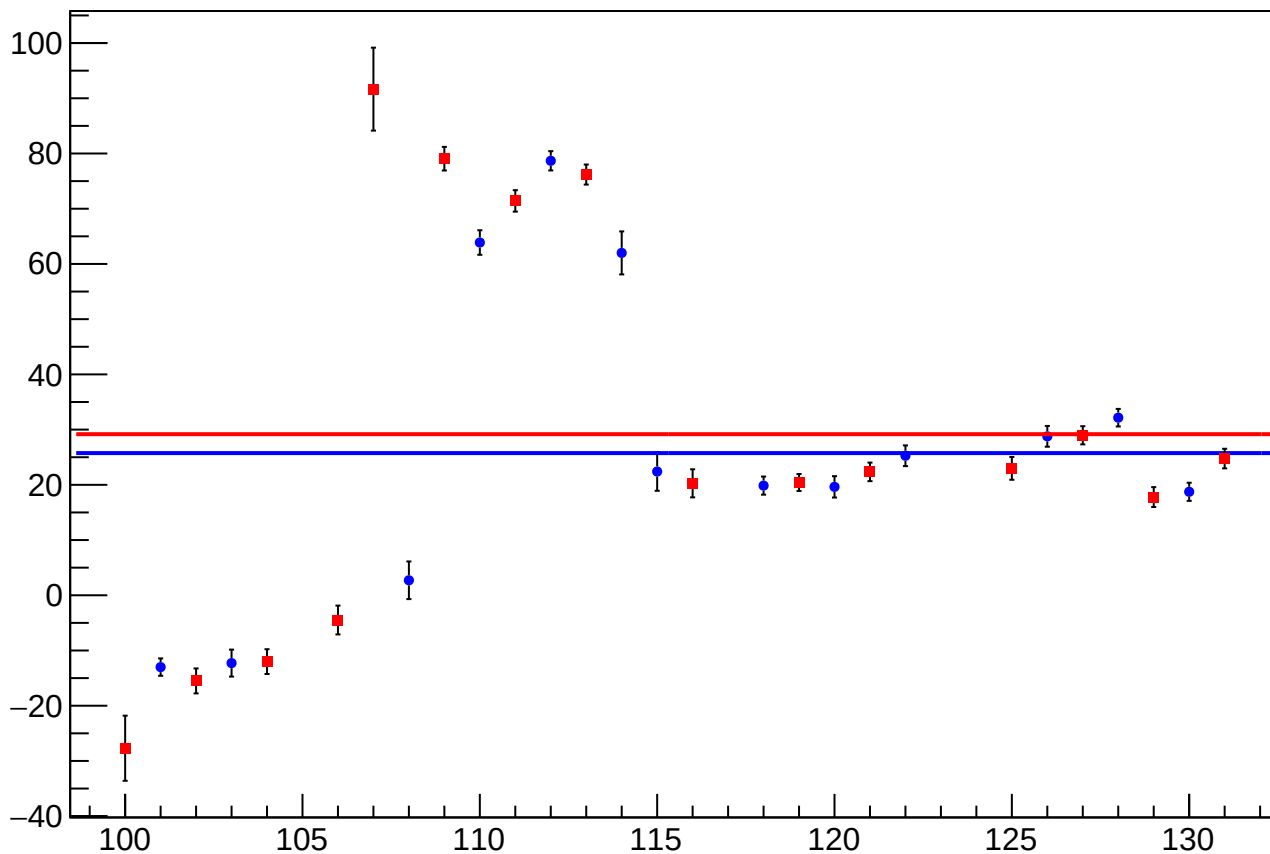
Right: 9.267+/-0.341 χ^2/NDF : 506.6/27

In: 8.805+/-0.477 χ^2/NDF : 292.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.267+/-0.341 χ^2/NDF : 506.6/27

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.748+/-0.550 χ^2/NDF : 2256.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.173+/-0.532 χ^2/NDF : 2858.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

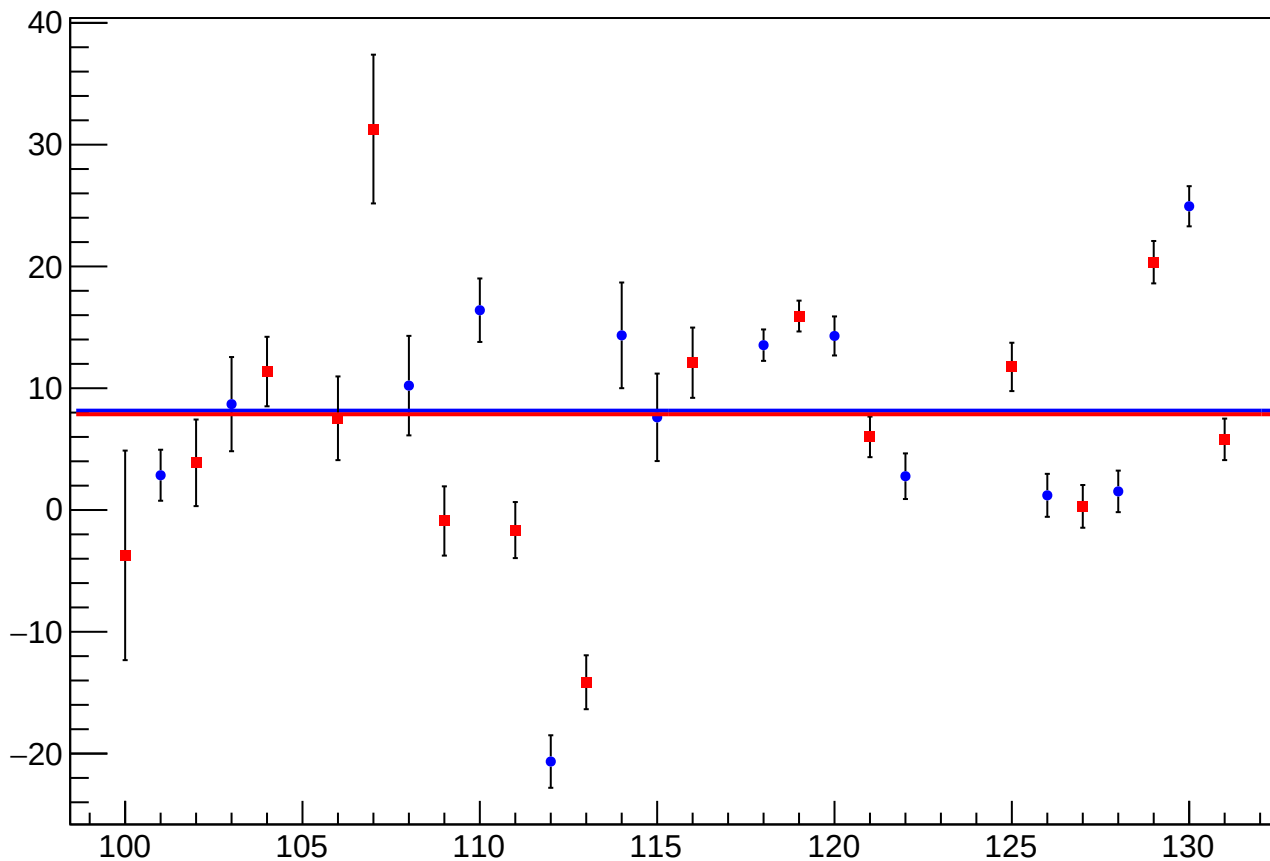
Right: 27.518+/-0.382 χ^2/NDF : 5134.7/27

In: 25.748+/-0.550 χ^2/NDF : 2256.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.518+/-0.382 χ^2/NDF : 5134.7/27

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.158+/-0.563 χ^2/NDF : 371.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.862+/-0.559 χ^2/NDF : 264.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

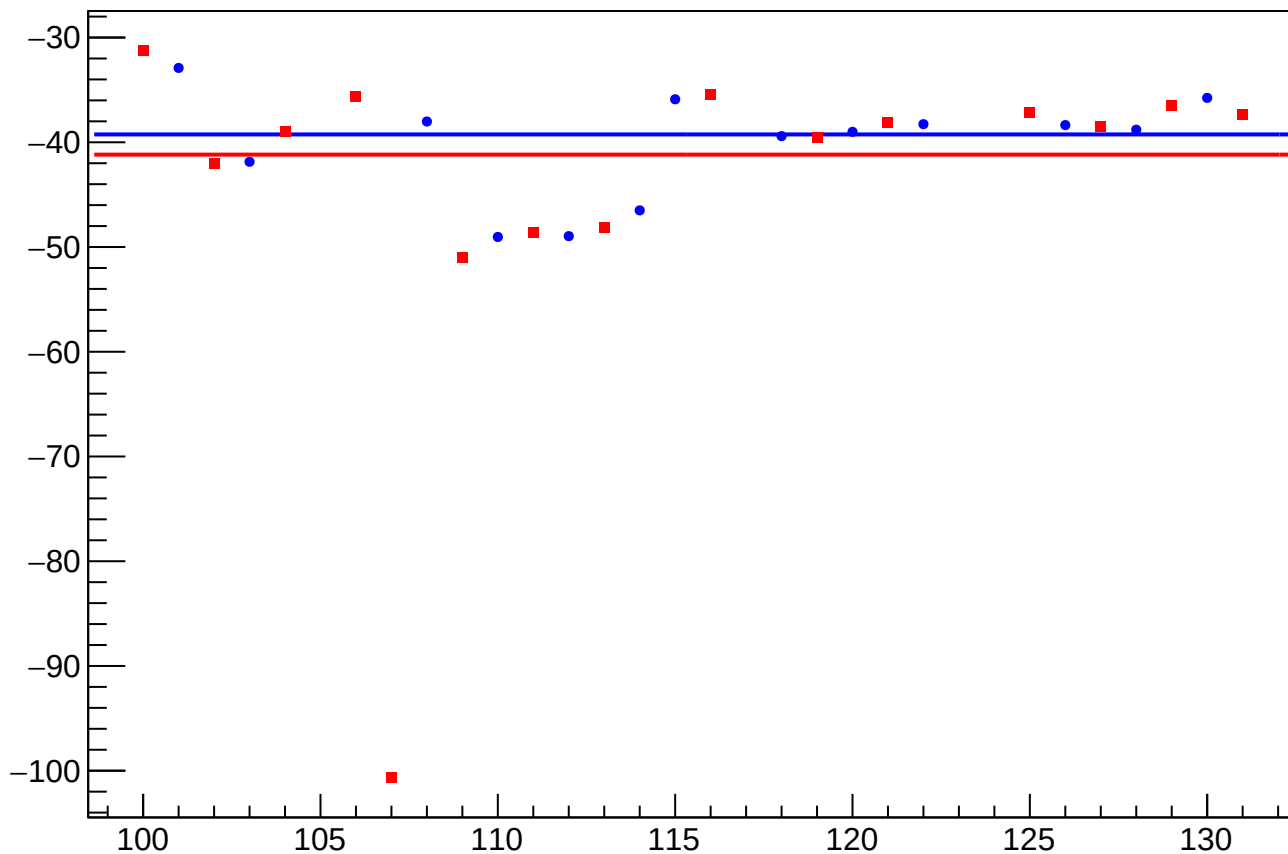
Right: 8.009+/-0.397 χ^2/NDF : 635.8/27

In: 8.158+/-0.563 χ^2/NDF : 371.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.009+/-0.397 χ^2/NDF : 635.8/27

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.249 $\pm$ 0.038 χ^2 /NDF: 14707.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.177 $\pm$ 0.037 χ^2 /NDF: 54667.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

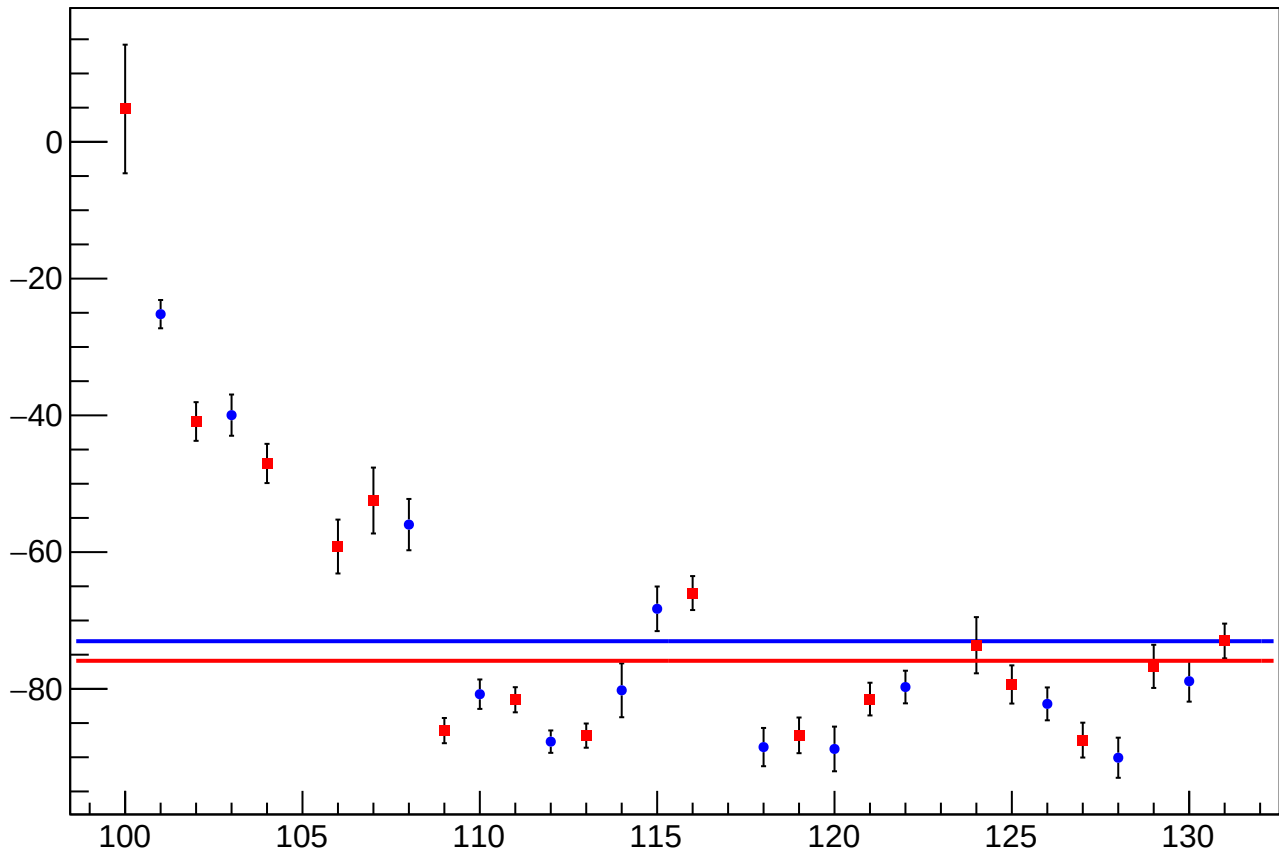
Right: -40.256 $\pm$ 0.026 χ^2 /NDF: 70698.3/27

In: -39.249 $\pm$ 0.038 χ^2 /NDF:14707.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.256 $\pm$ 0.026 χ^2 /NDF: 70698.3/27

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -73.027 ± 0.714 $\chi^2/\text{NDF}: 887.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -75.893 ± 0.652 $\chi^2/\text{NDF}: 511.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

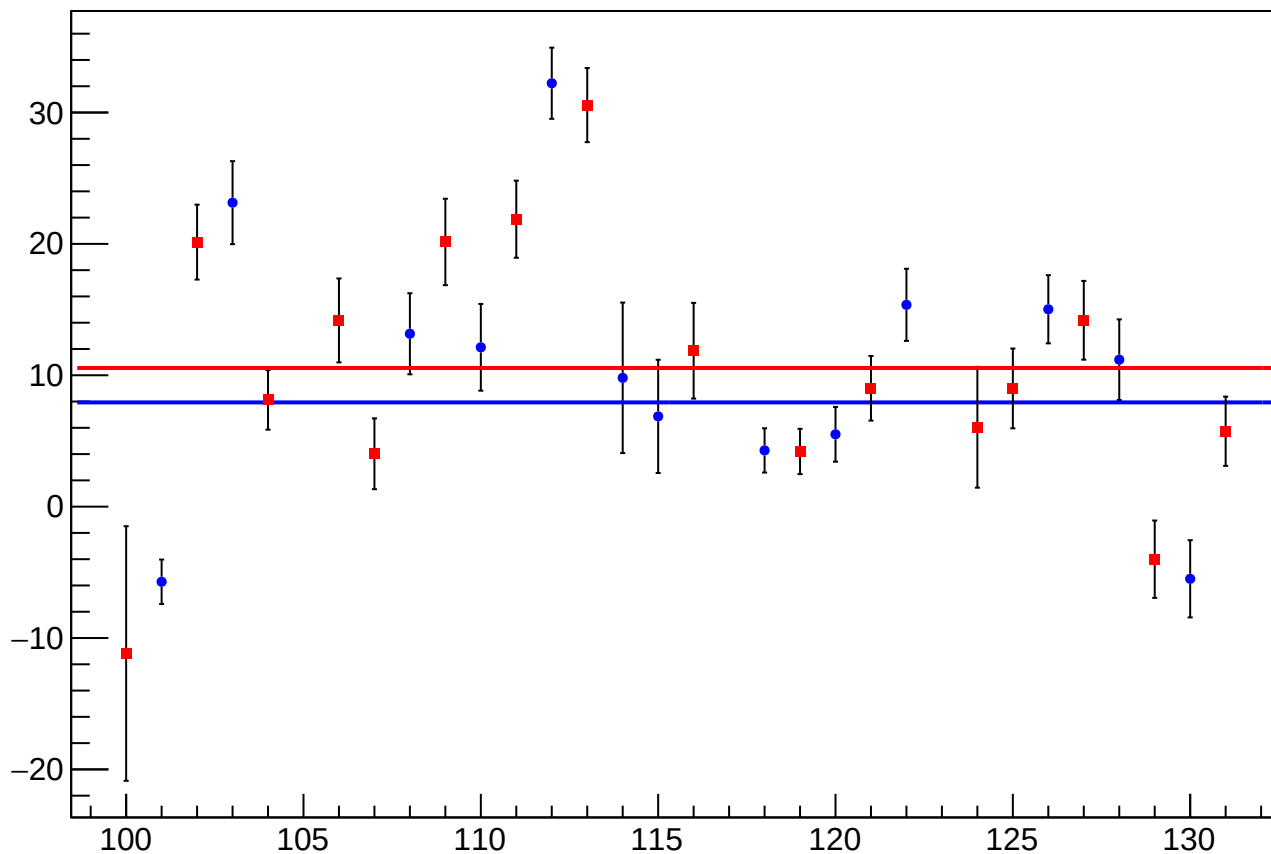
Right: -74.592 ± 0.481 $\chi^2/\text{NDF}: 1407.6/28$

In: -73.027 ± 0.714 $\chi^2/\text{NDF}: 887.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -74.592 ± 0.481 $\chi^2/\text{NDF}: 1407.6/28$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.935+/-0.716 χ^2/NDF : 216.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.555+/-0.707 χ^2/NDF : 142.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

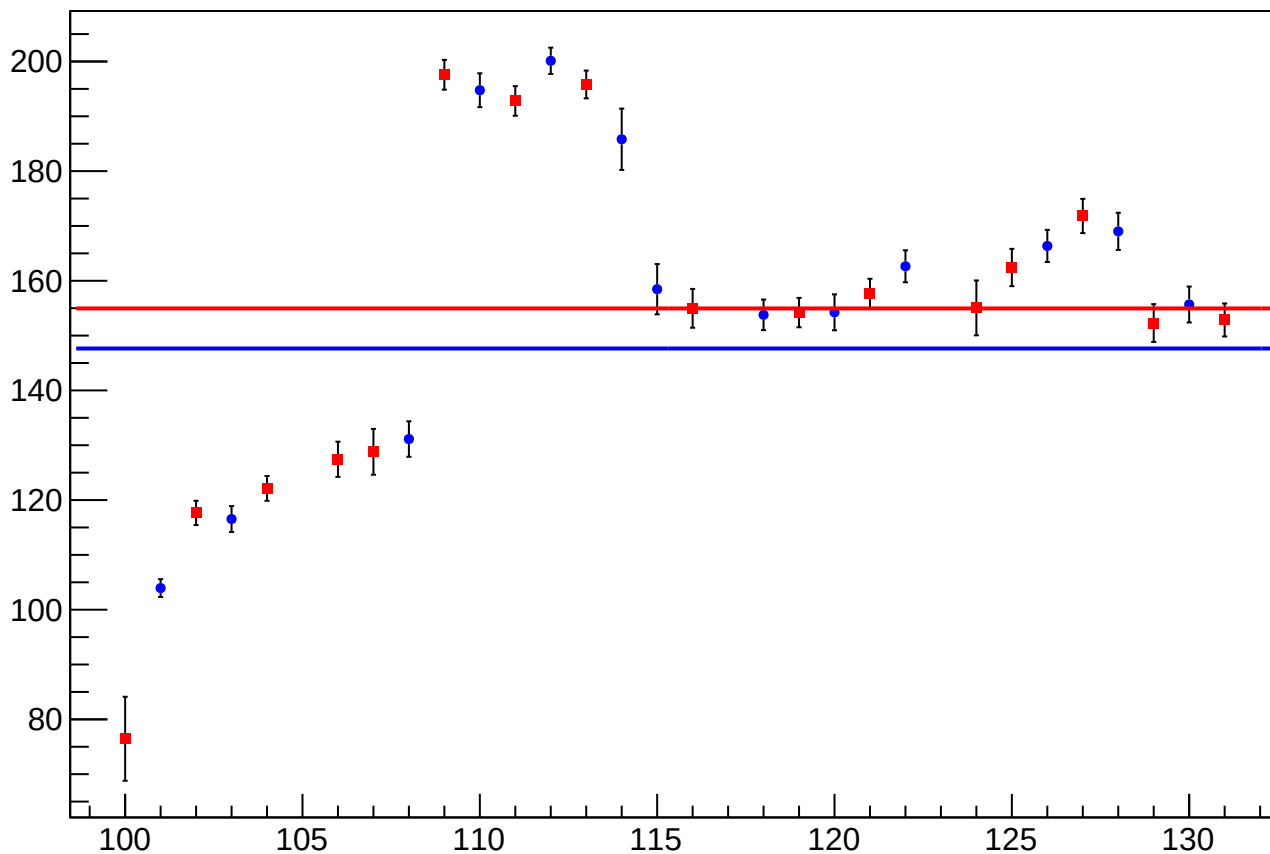
Right: 9.262+/-0.503 χ^2/NDF : 365.7/28

In: 7.935+/-0.716 χ^2/NDF : 216.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.262+/-0.503 χ^2/NDF : 365.7/28

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 147.646 $\pm$ 0.779 χ^2 /NDF: 1813.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.954 $\pm$ 0.749 χ^2 /NDF: 1450.3/15

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

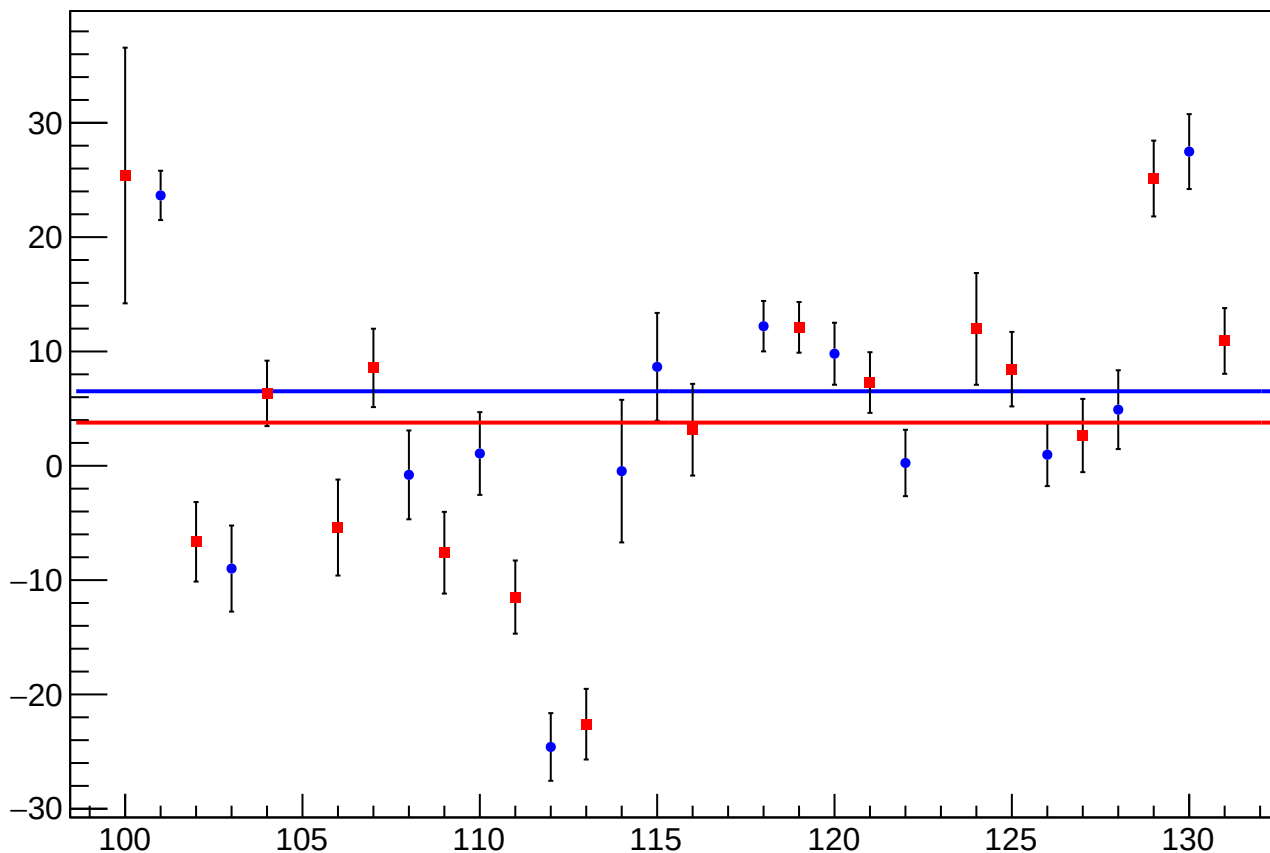
Right: 151.439 $\pm$ 0.540 χ^2 /NDF: 3309.5/28

In: 147.646 $\pm$ 0.779 χ^2 /NDF:1813.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.439 $\pm$ 0.540 χ^2 /NDF: 3309.5/28

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.519 $\pm$ 0.850 χ^2 /NDF: 255.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.778 $\pm$ 0.820 χ^2 /NDF: 194.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

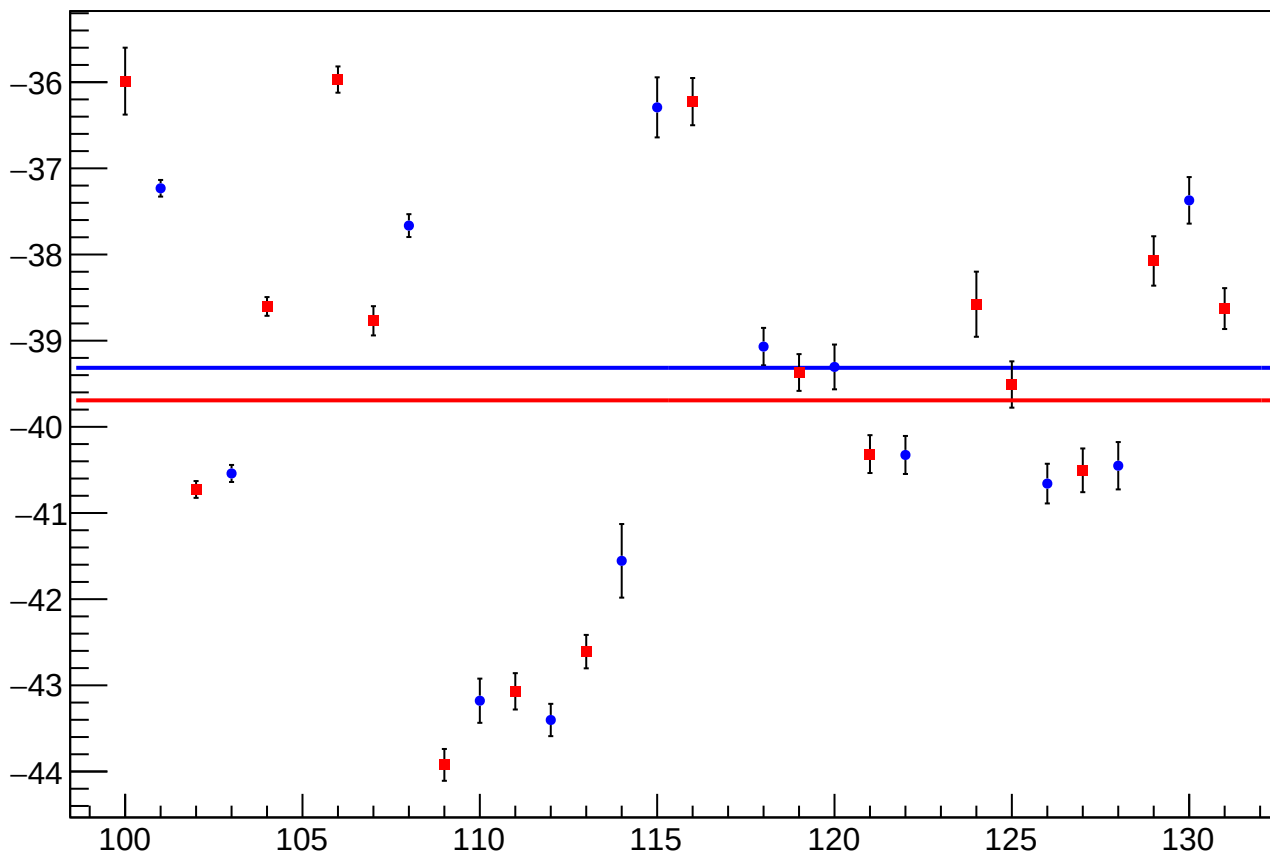
Right: 5.098 $\pm$ 0.590 χ^2 /NDF: 455.8/28

In: 6.519 $\pm$ 0.850 χ^2 /NDF:255.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.098 $\pm$ 0.590 χ^2 /NDF: 455.8/28

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.315 ± 0.048 χ^2/NDF : 1704.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.693 ± 0.046 χ^2/NDF : 2179.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

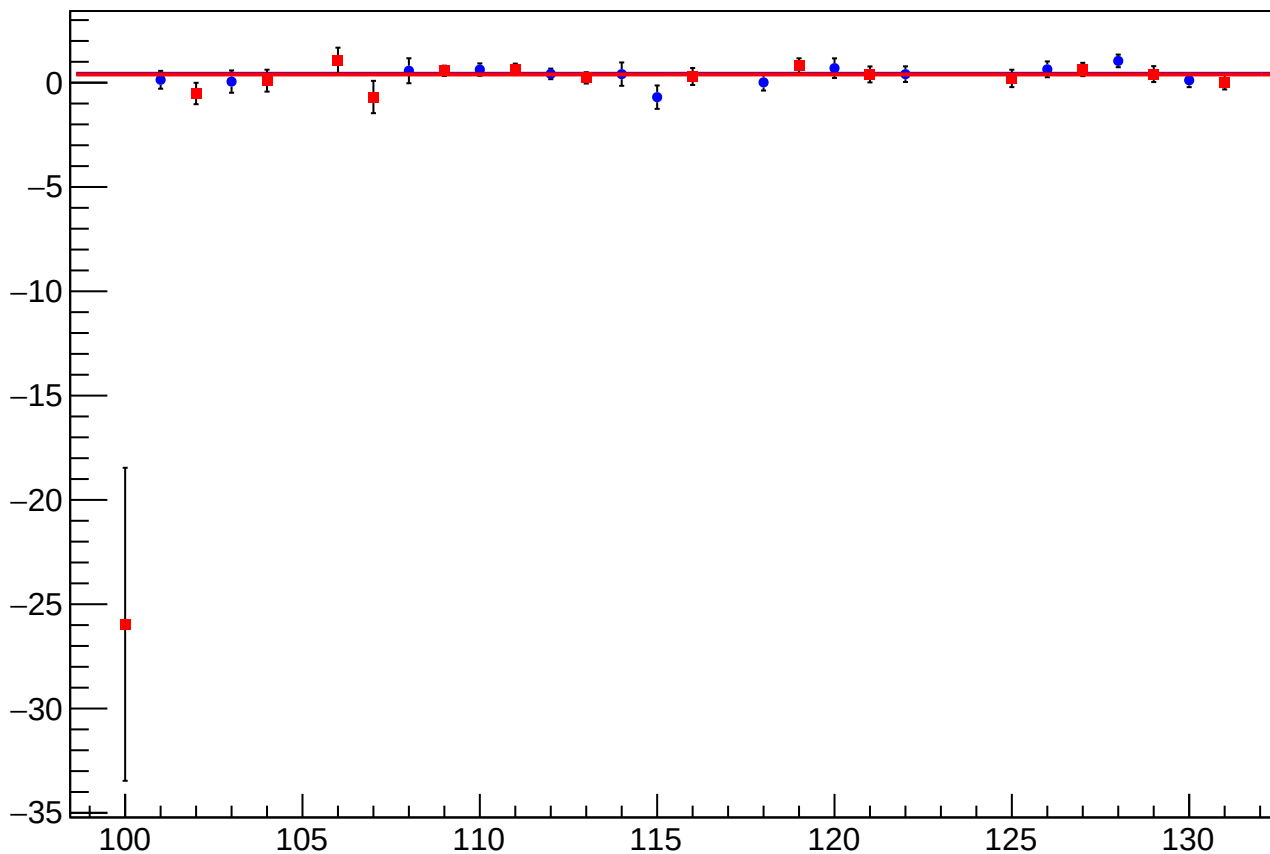
Right: -39.514 ± 0.033 χ^2/NDF : 3915.6/28

In: -39.315 ± 0.048 χ^2/NDF : 1704.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.514 ± 0.033 χ^2/NDF : 3915.6/28

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.425+/-0.105 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.394+/-0.097 χ^2/NDF : 23.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

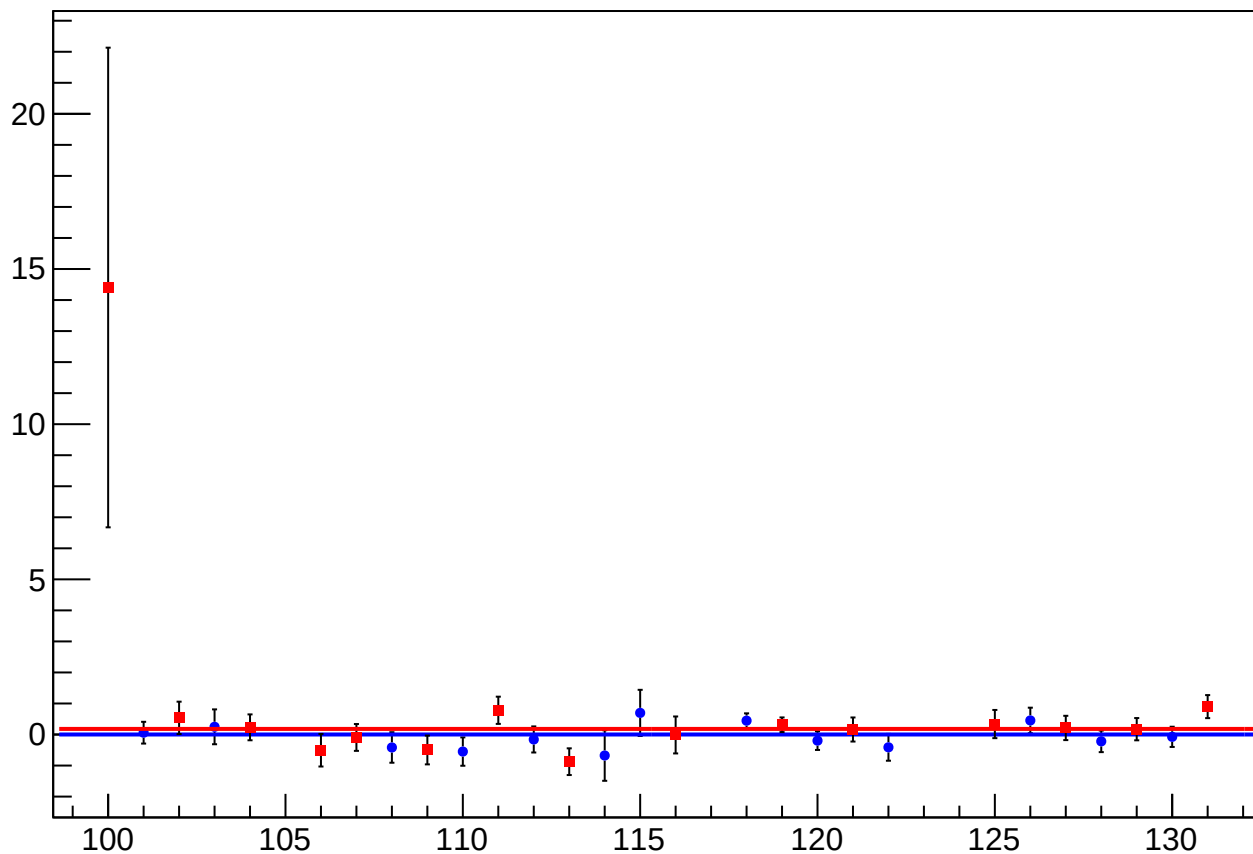
Right: 0.408+/-0.071 χ^2/NDF : 36.1/27

In: 0.425+/-0.105 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.408+/-0.071 χ^2/NDF : 36.1/27

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.107 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.181+/-0.107 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

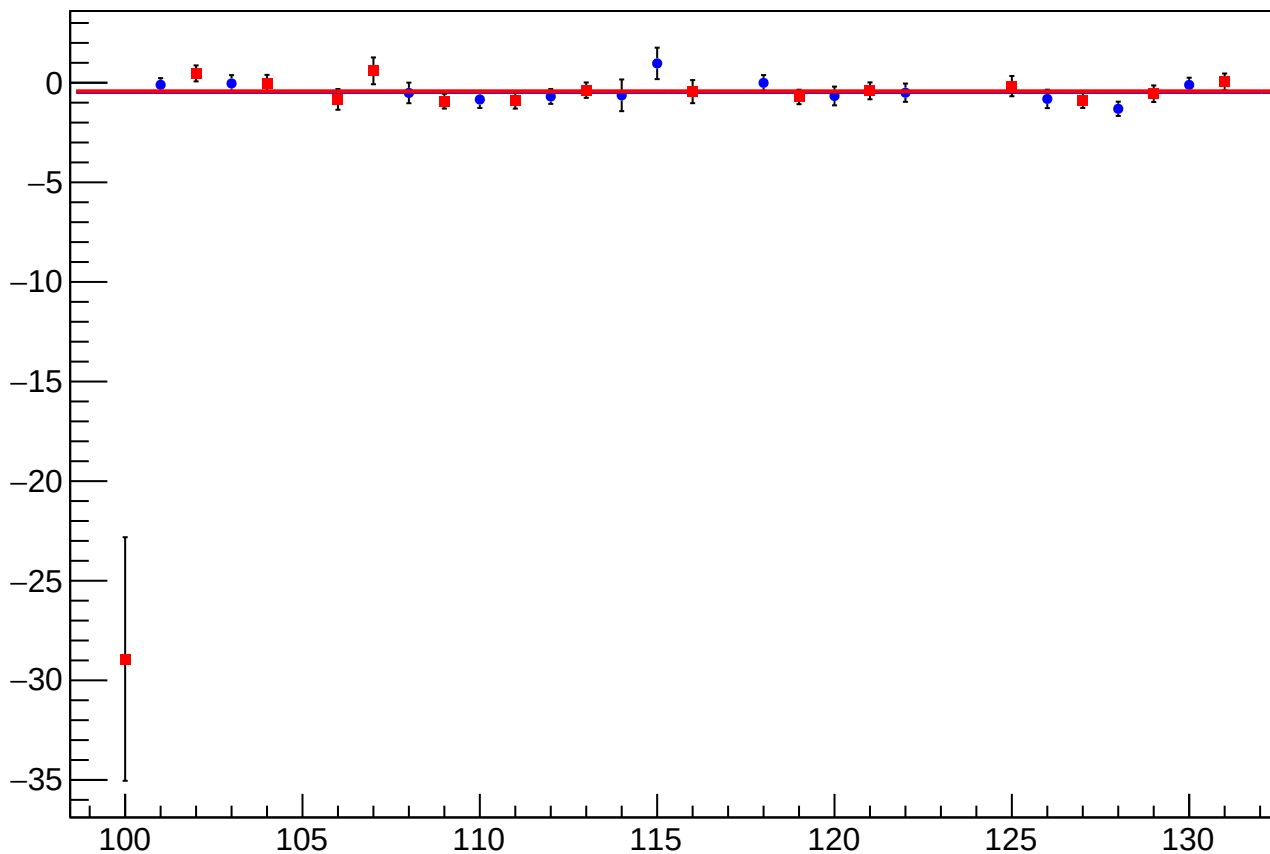
Right: 0.091+/-0.076 χ^2/NDF : 32.4/27

In: 0.001+/-0.107 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.076 χ^2/NDF : 32.4/27

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.461 $\pm$ 0.119 χ^2/NDF : 15.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.431 $\pm$ 0.115 χ^2/NDF : 37.3/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

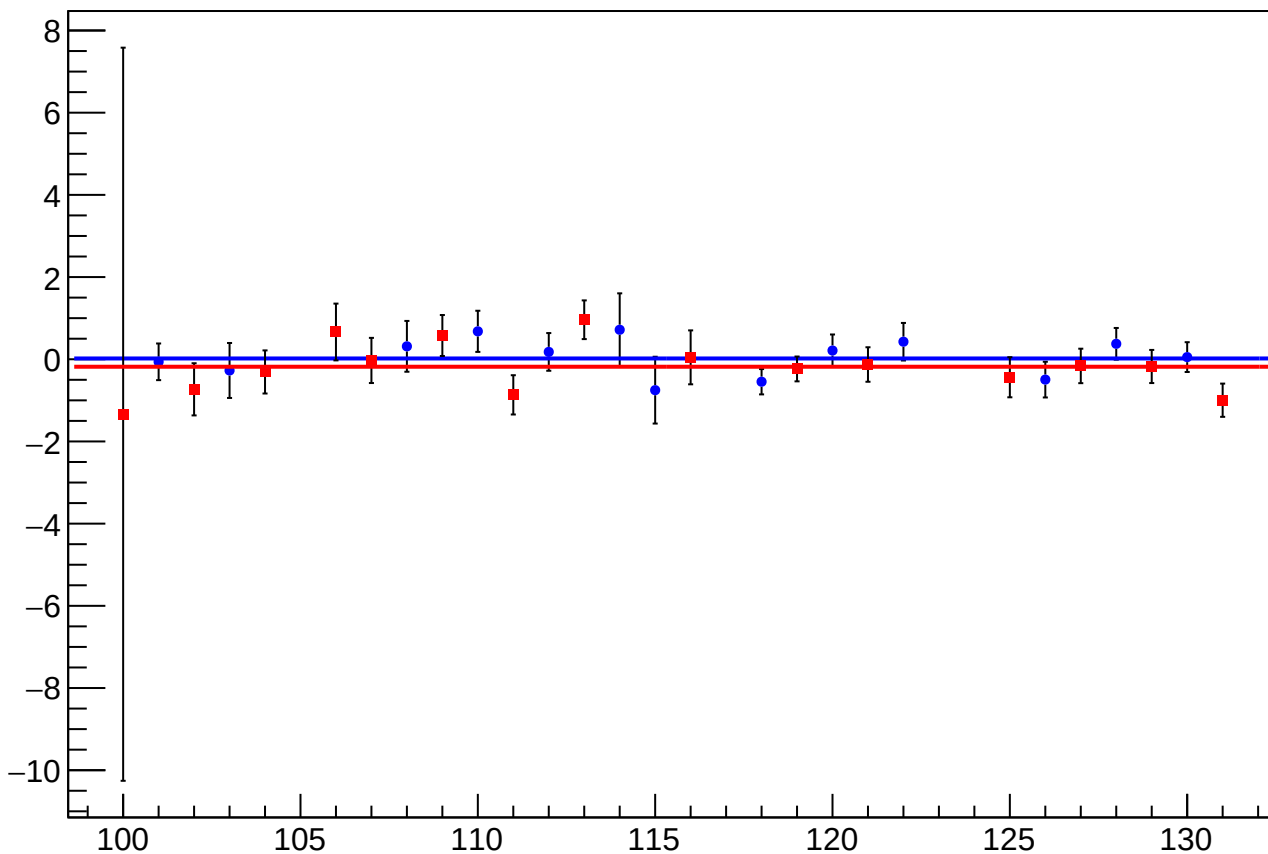
Right: -0.446 $\pm$ 0.083 χ^2/NDF : 52.7/27

In: -0.461 $\pm$ 0.119 χ^2/NDF : 15.3/12

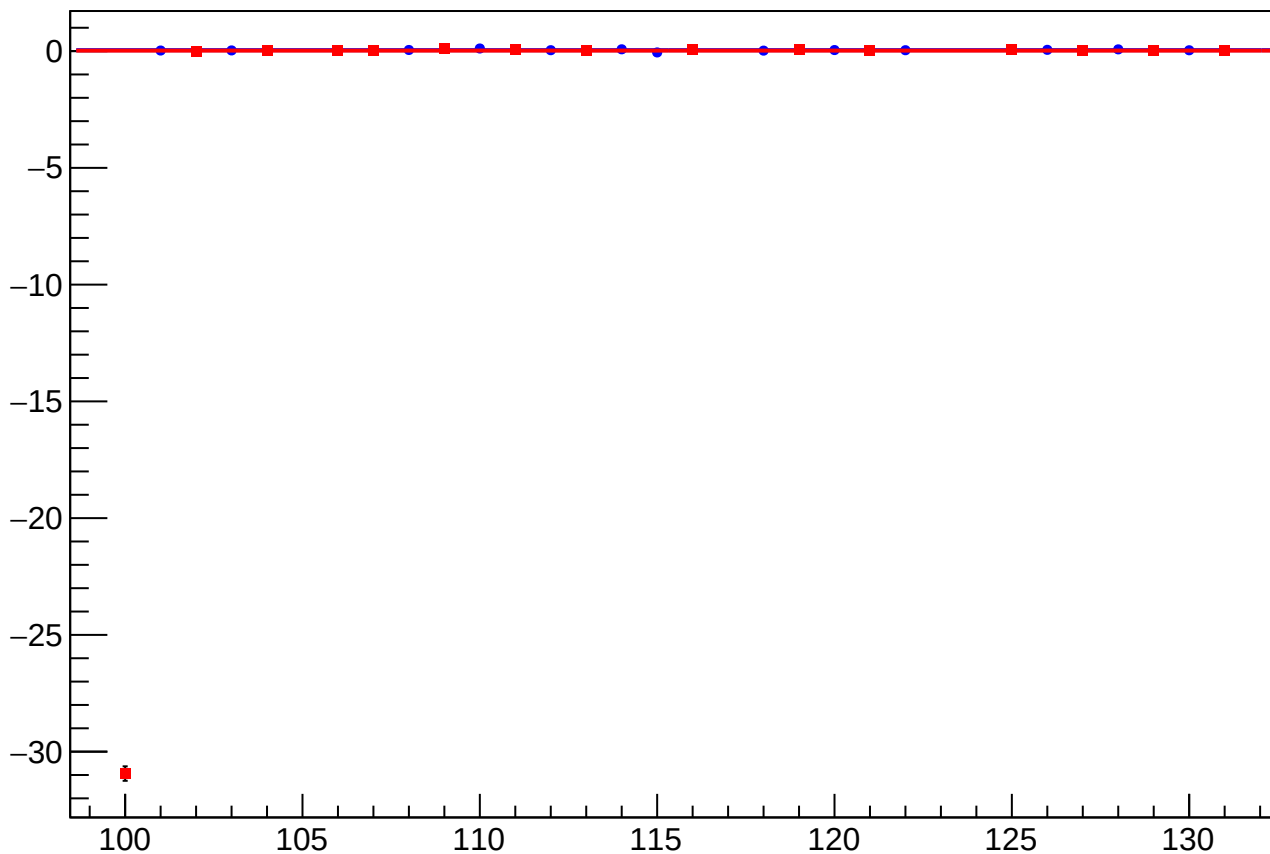
Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.446 $\pm$ 0.083 χ^2/NDF : 52.7/27

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



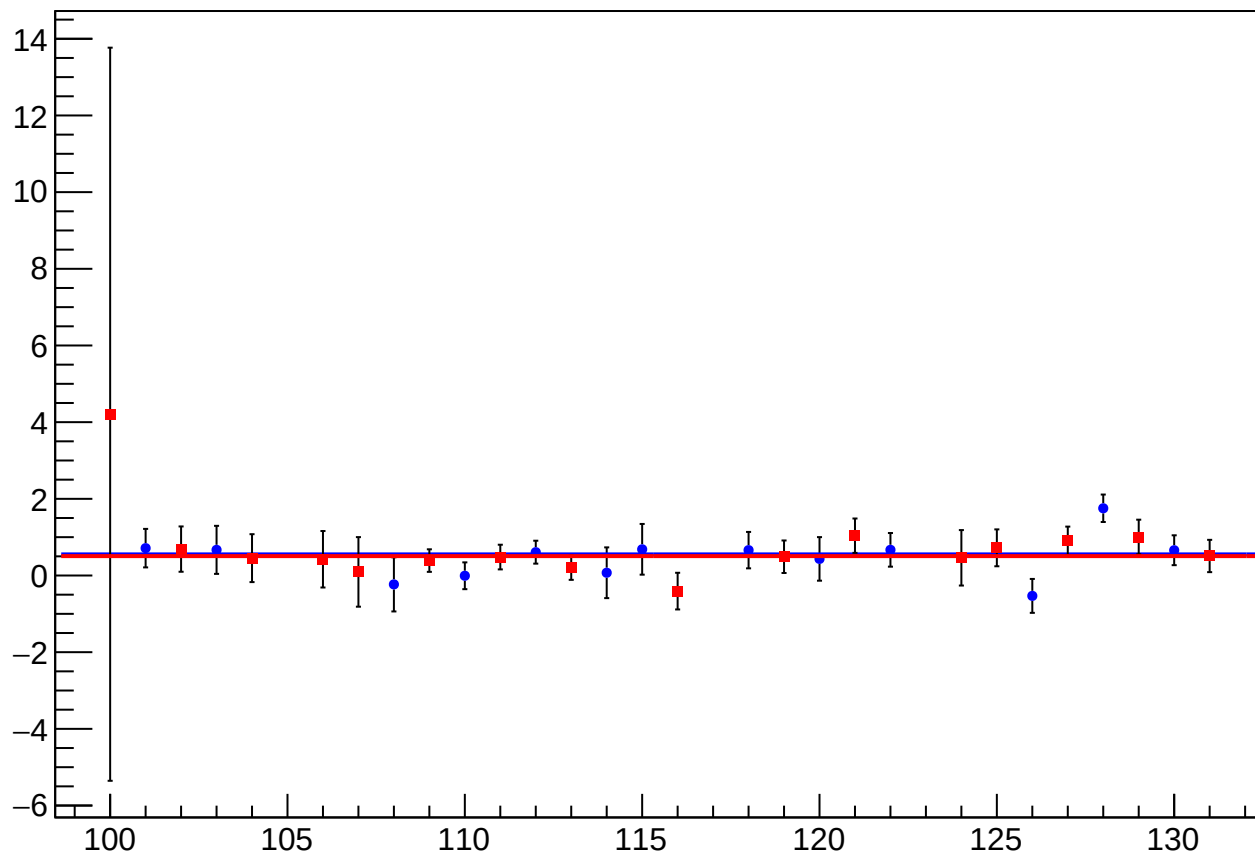
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.041+/-0.008 χ^2/NDF : 10.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.022+/-0.007 χ^2/NDF : 10010.8/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.031+/-0.005 χ^2/NDF : 10023.9/27
 In: 0.041+/-0.008 χ^2/NDF : 10.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.031+/-0.005 χ^2/NDF : 10023.9/27

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.550+/-0.124 χ^2/NDF : 22.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.506+/-0.113 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

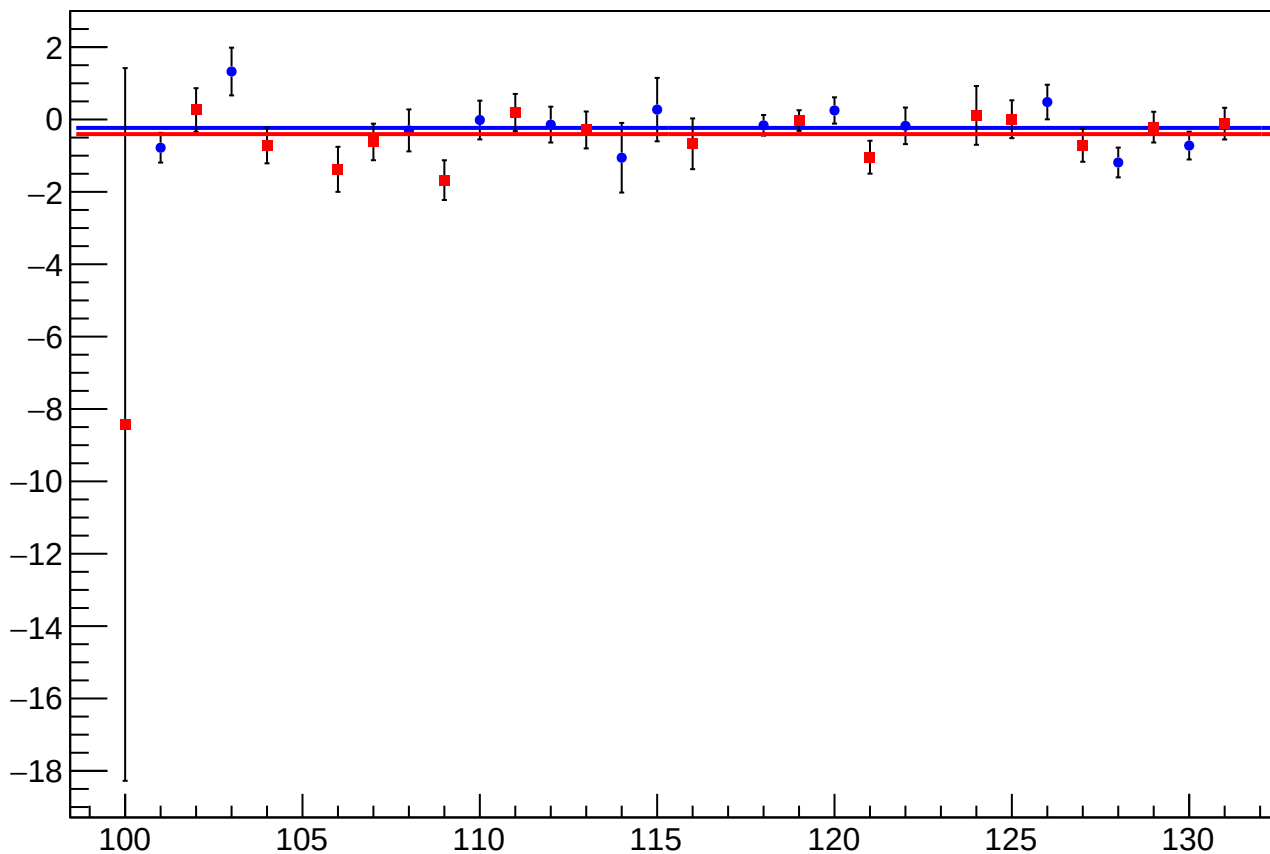
Right: 0.526+/-0.084 χ^2/NDF : 31.2/28

In: 0.550+/-0.124 χ^2/NDF : 22.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.526+/-0.084 χ^2/NDF : 31.2/28

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.233 ± 0.127 χ^2/NDF : 19.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.404 ± 0.125 χ^2/NDF : 17.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

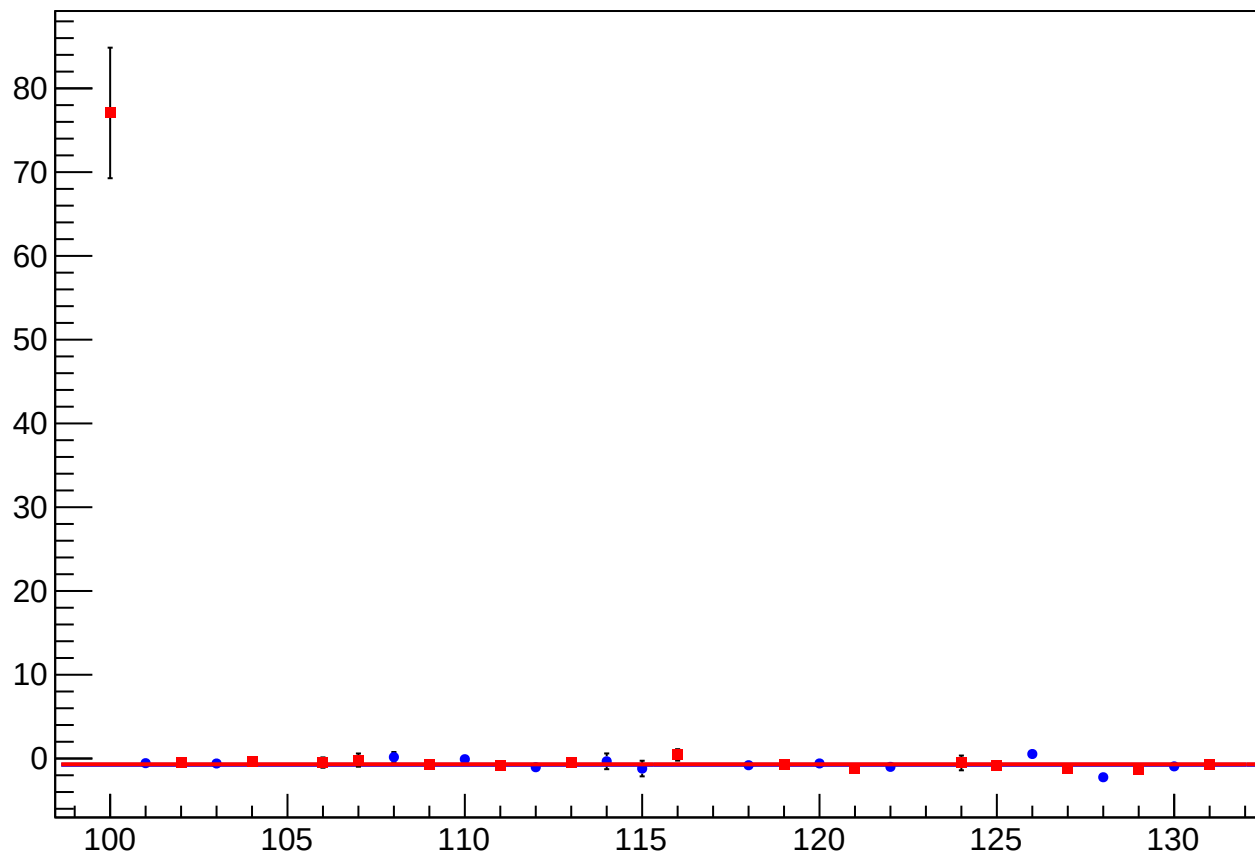
Right: -0.320 ± 0.089 χ^2/NDF : 38.3/28

In: -0.233 ± 0.127 χ^2/NDF : 19.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.320 ± 0.089 χ^2/NDF : 38.3/28

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.750 ± 0.141 χ^2/NDF : 23.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.687 ± 0.134 χ^2/NDF : 108.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

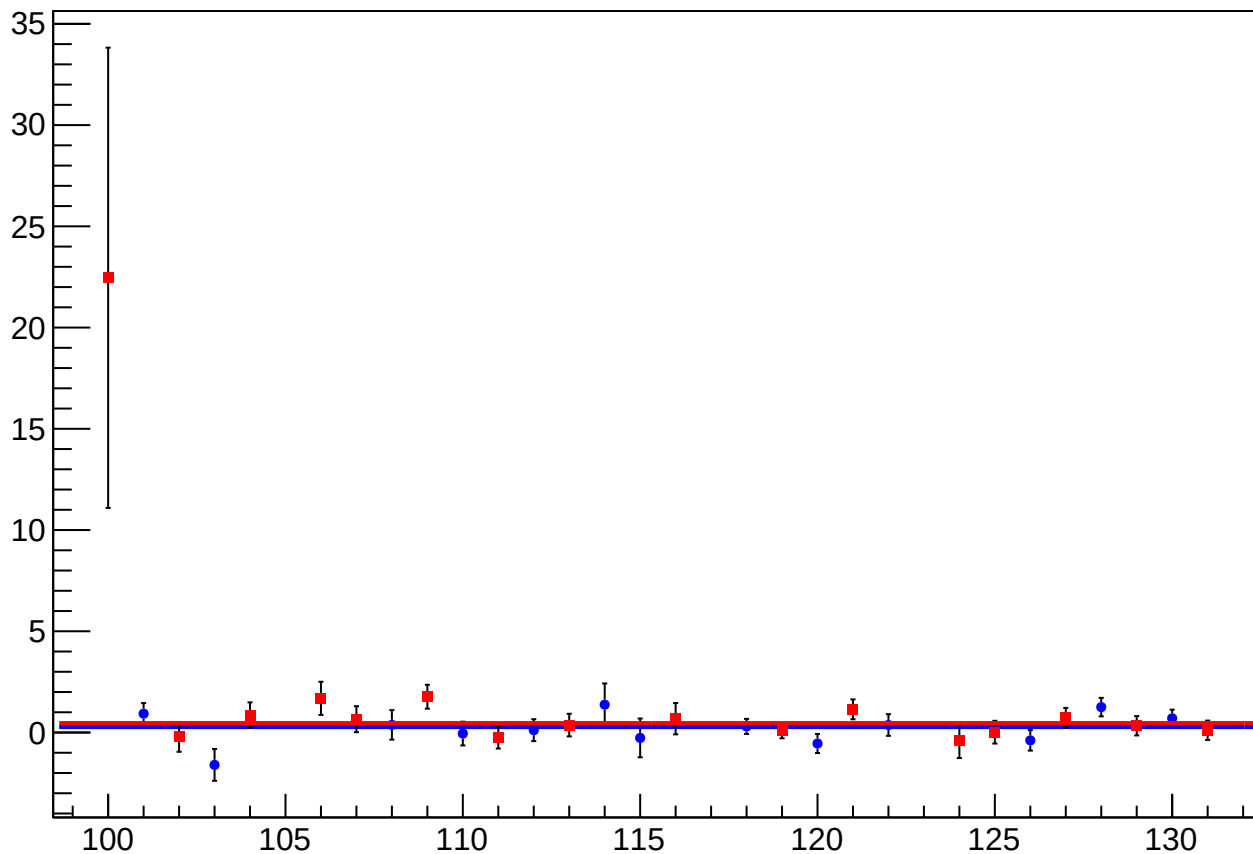
Right: -0.717 ± 0.097 χ^2/NDF : 131.9/28

In: -0.750 ± 0.141 χ^2/NDF : 23.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.717 ± 0.097 χ^2/NDF : 131.9/28

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.269 $\pm$ 0.149 χ^2 /NDF: 19.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.467 $\pm$ 0.144 χ^2 /NDF: 19.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

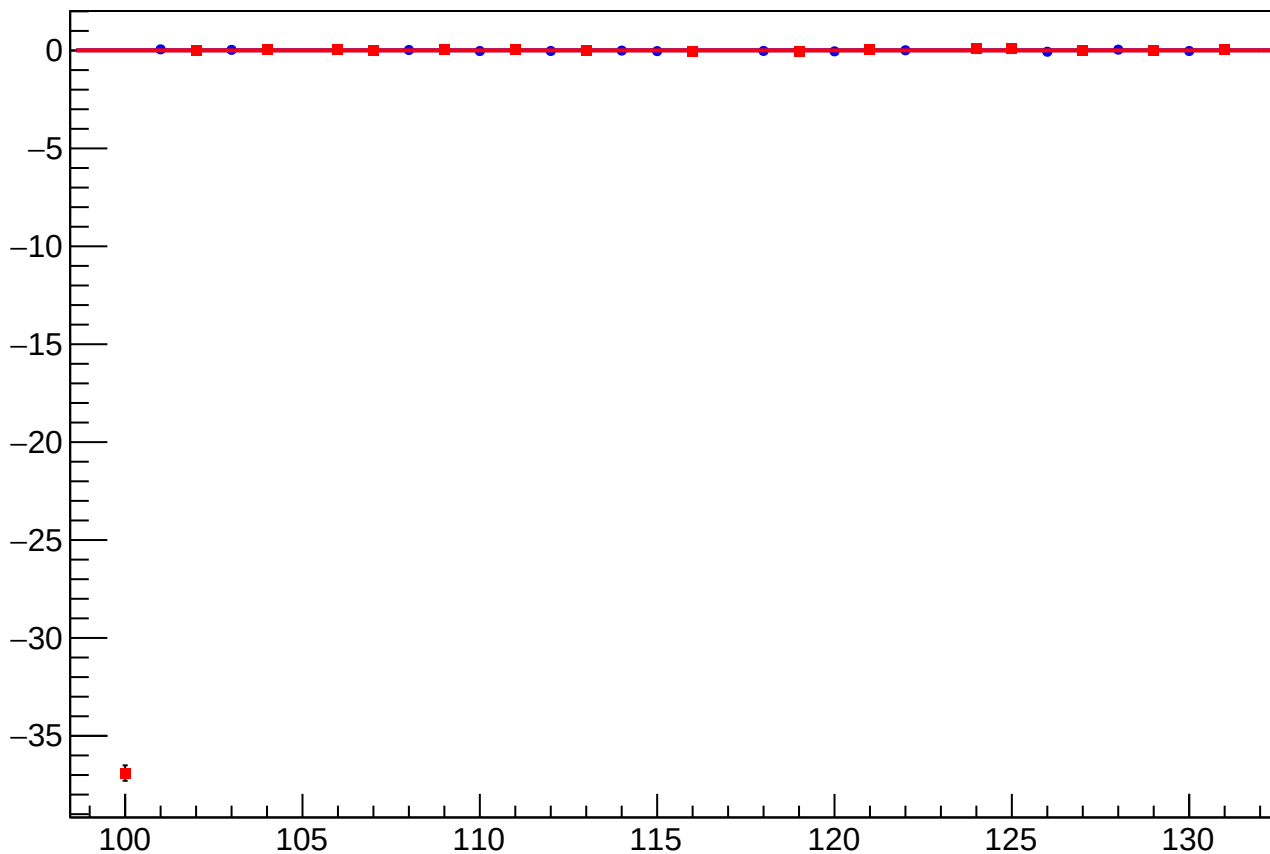
Right: 0.372 $\pm$ 0.104 χ^2 /NDF: 39.8/28

In: 0.269 $\pm$ 0.149 χ^2 /NDF:19.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.372 $\pm$ 0.104 χ^2 /NDF: 39.8/28

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 8750.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

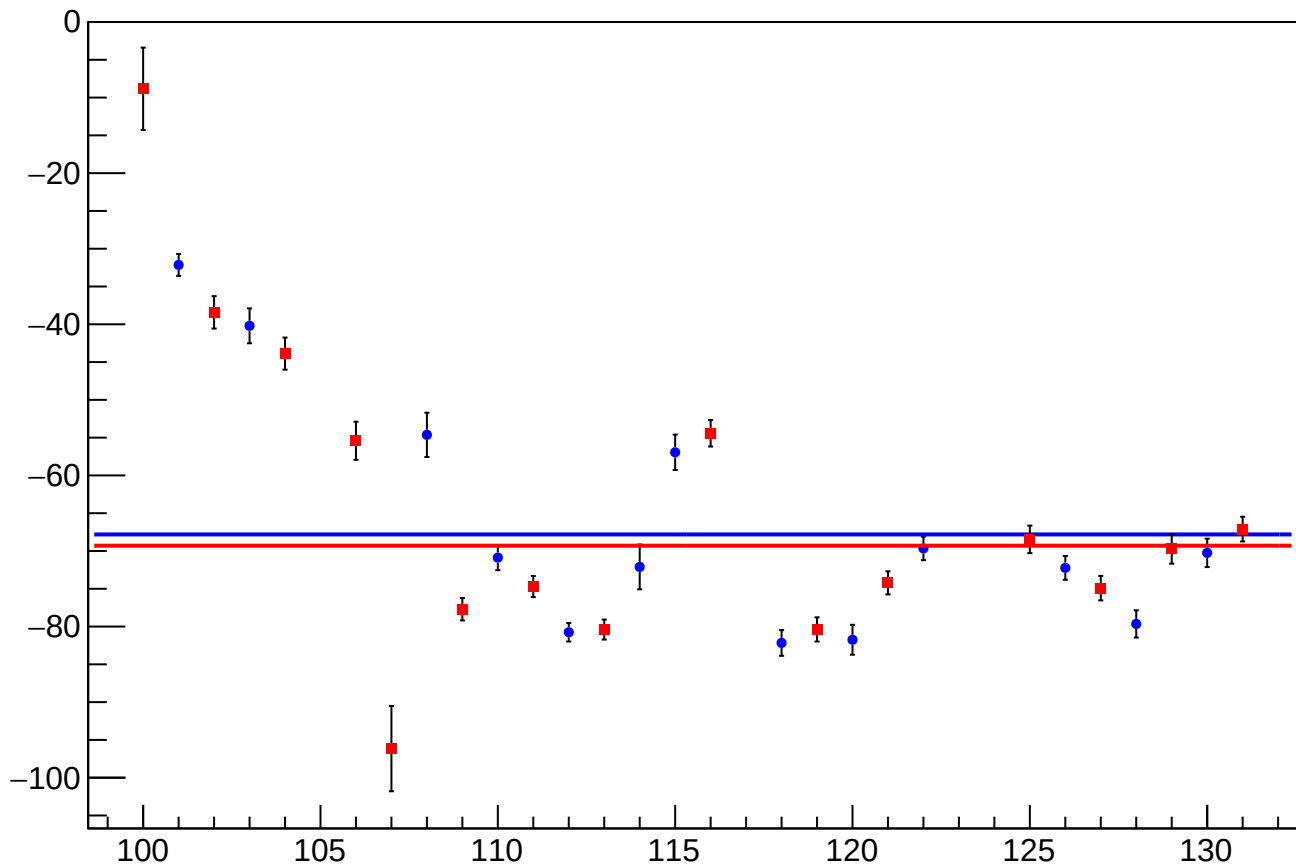
Right: 0.009 $\pm$ 0.006 χ^2 /NDF: 8765.8/28

In: 0.011 $\pm$ 0.009 χ^2 /NDF:14.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 8765.8/28

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -67.808 $\pm$ 0.494 χ^2 /NDF: 1075.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.300 $\pm$ 0.463 χ^2 /NDF: 788.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

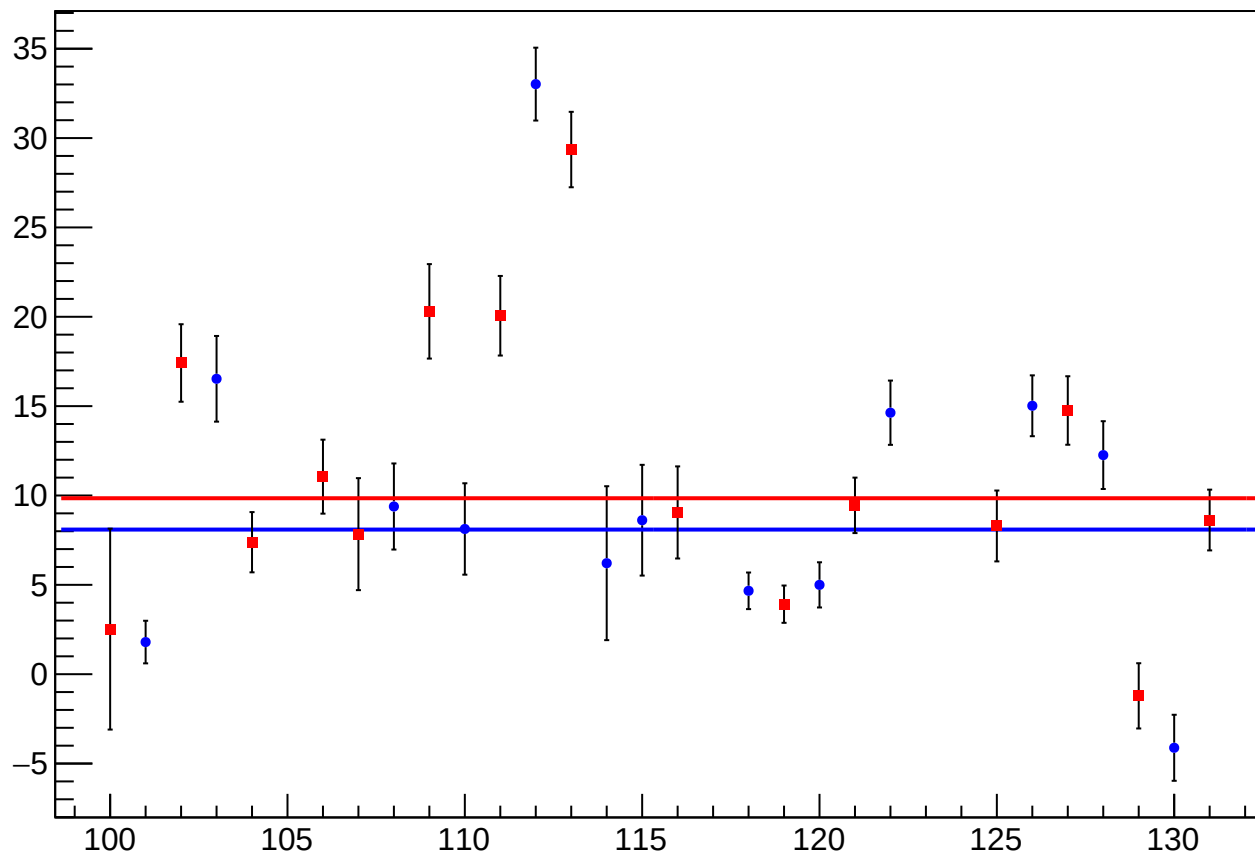
Right: -68.603 $\pm$ 0.338 χ^2 /NDF: 1869.0/27

In: -67.808 $\pm$ 0.494 χ^2 /NDF:1075.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -68.603 $\pm$ 0.338 χ^2 /NDF: 1869.0/27

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.093+/-0.476 χ^2/NDF : 285.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.846+/-0.490 χ^2/NDF : 215.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

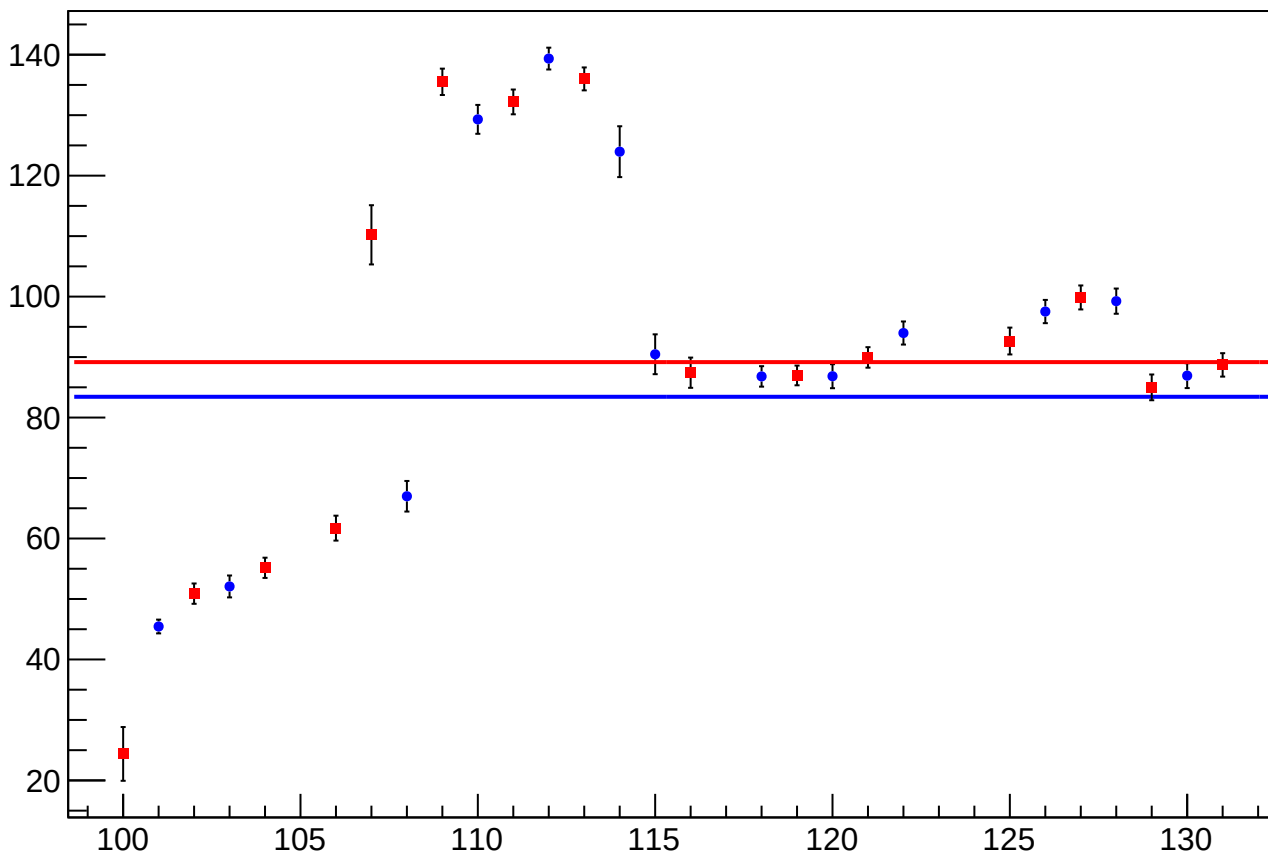
Right: 8.944+/-0.342 χ^2/NDF : 508.0/27

In: 8.093+/-0.476 χ^2/NDF : 285.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.944+/-0.342 χ^2/NDF : 508.0/27

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 83.434+/-0.536 χ^2/NDF : 3030.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 89.168+/-0.527 χ^2/NDF : 2881.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

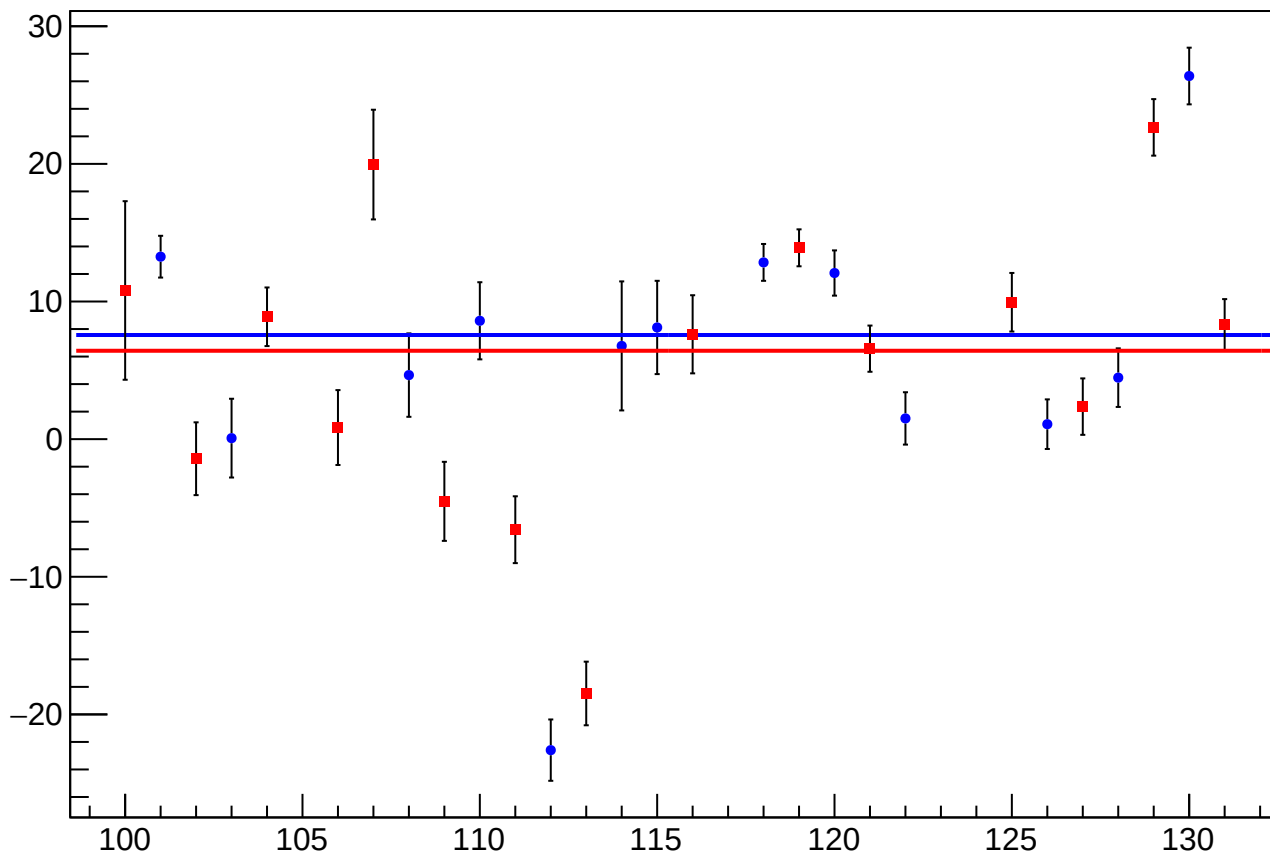
Right: 86.349+/-0.376 χ^2/NDF : 5970.8/27

In: 83.434+/-0.536 χ^2/NDF :3030.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 86.349+/-0.376 χ^2/NDF : 5970.8/27

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.567 $\pm$ 0.568 χ^2 /NDF: 337.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.422 $\pm$ 0.569 χ^2 /NDF: 287.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

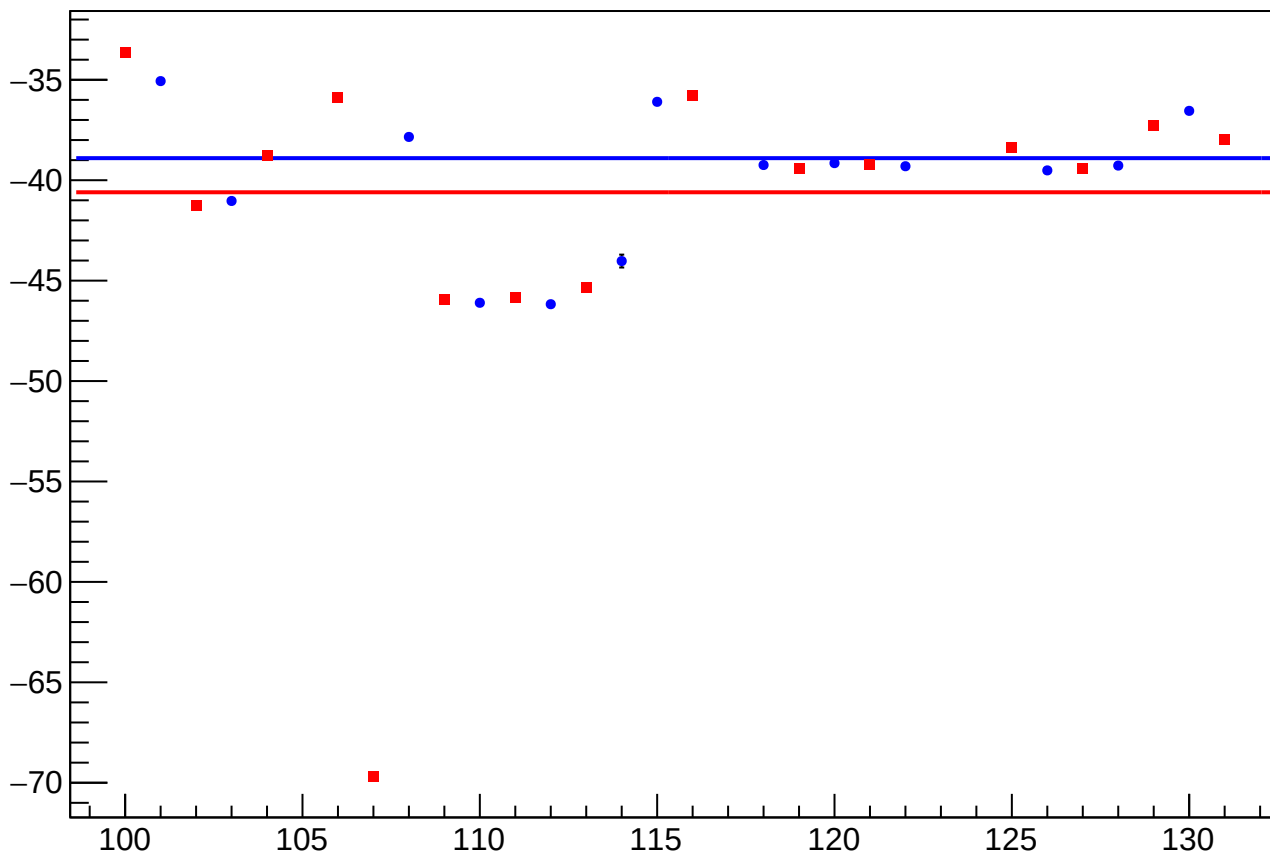
Right: 6.995 $\pm$ 0.402 χ^2 /NDF: 626.1/27

In: 7.567 $\pm$ 0.568 χ^2 /NDF:337.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.995 $\pm$ 0.402 χ^2 /NDF: 626.1/27

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.901+/-0.034 χ^2/NDF : 8665.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -40.600+/-0.033 χ^2/NDF : 30409.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

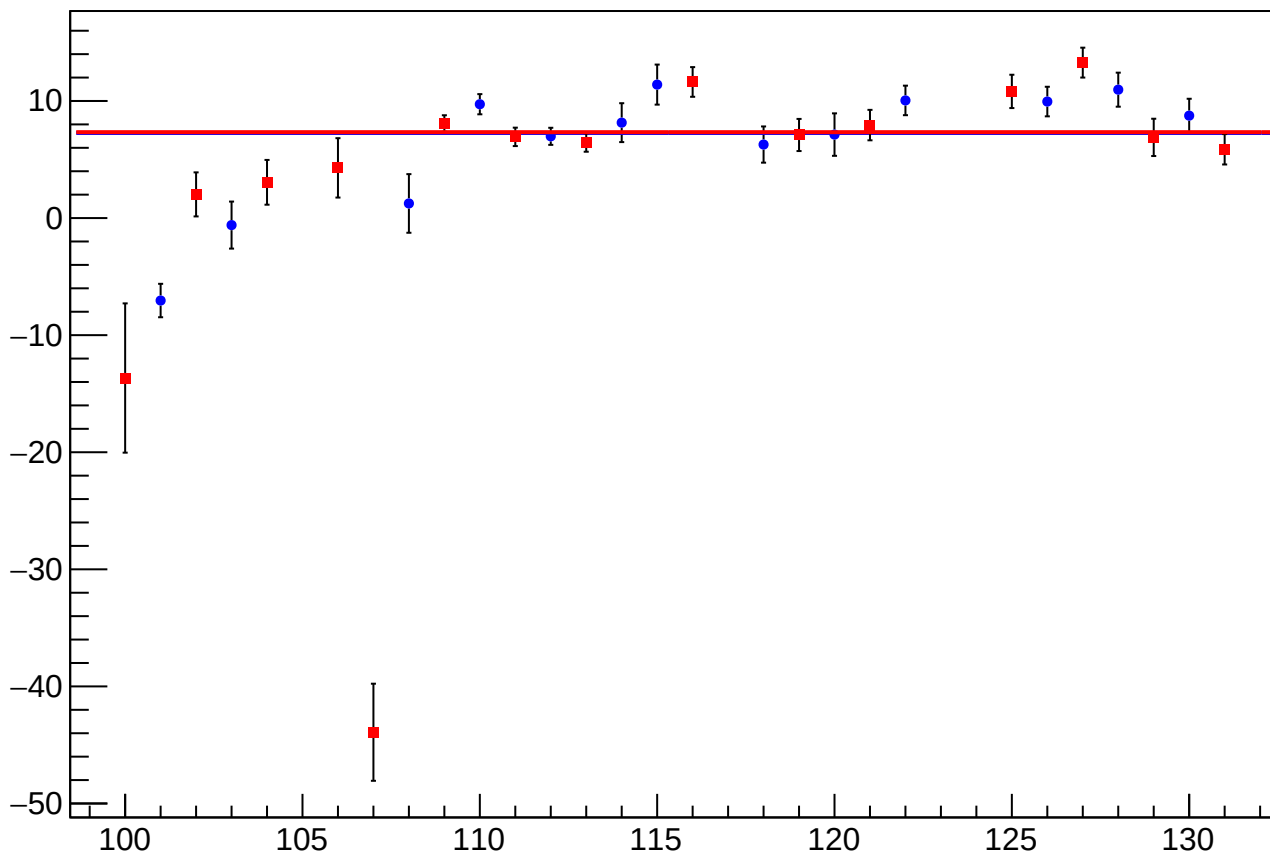
Right: -39.779+/-0.024 χ^2/NDF : 40333.1/27

In: -38.901+/-0.034 χ^2/NDF :8665.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.779+/-0.024 χ^2/NDF : 40333.1/27

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.269+/-0.359 χ^2/NDF : 153.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.336+/-0.318 χ^2/NDF : 221.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

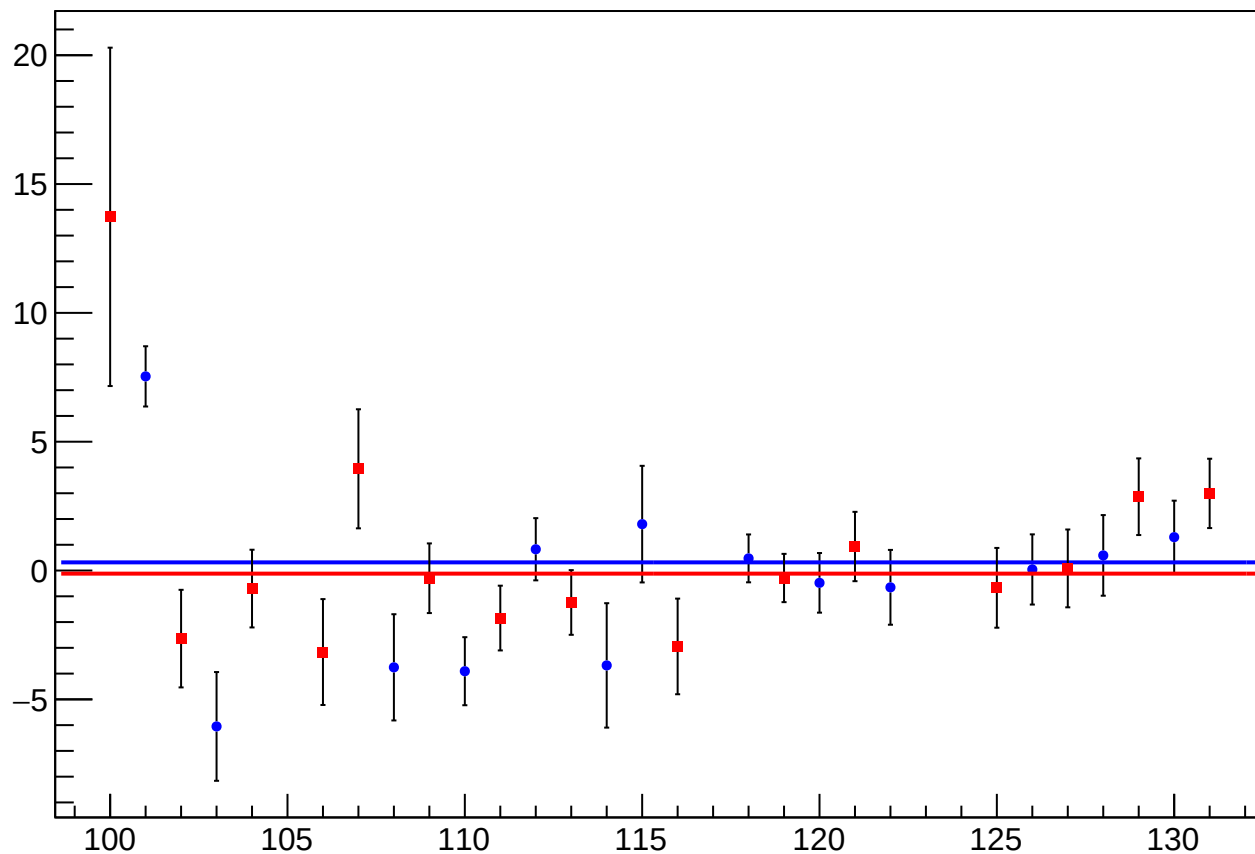
Right: 7.307+/-0.238 χ^2/NDF : 374.7/27

In: 7.269+/-0.359 χ^2/NDF : 153.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.307+/-0.238 χ^2/NDF : 374.7/27

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.388 χ^2 /NDF: 66.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.120 $\pm$ 0.383 χ^2 /NDF: 26.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

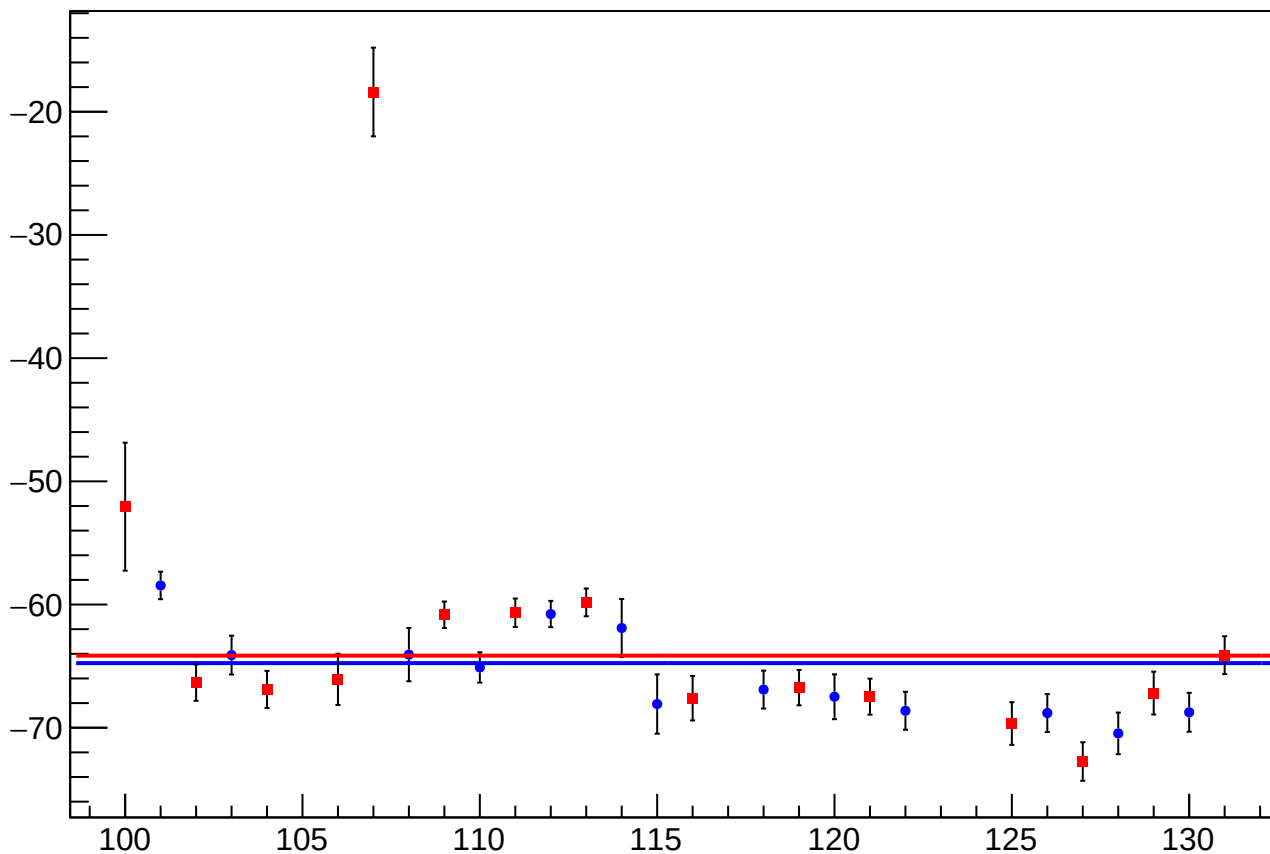
Right: 0.096 $\pm$ 0.272 χ^2 /NDF: 93.7/27

In: 0.317 $\pm$ 0.388 χ^2 /NDF:66.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.096 $\pm$ 0.272 χ^2 /NDF: 93.7/27

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.755+/-0.422 χ^2/NDF : 84.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.150+/-0.395 χ^2/NDF : 262.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

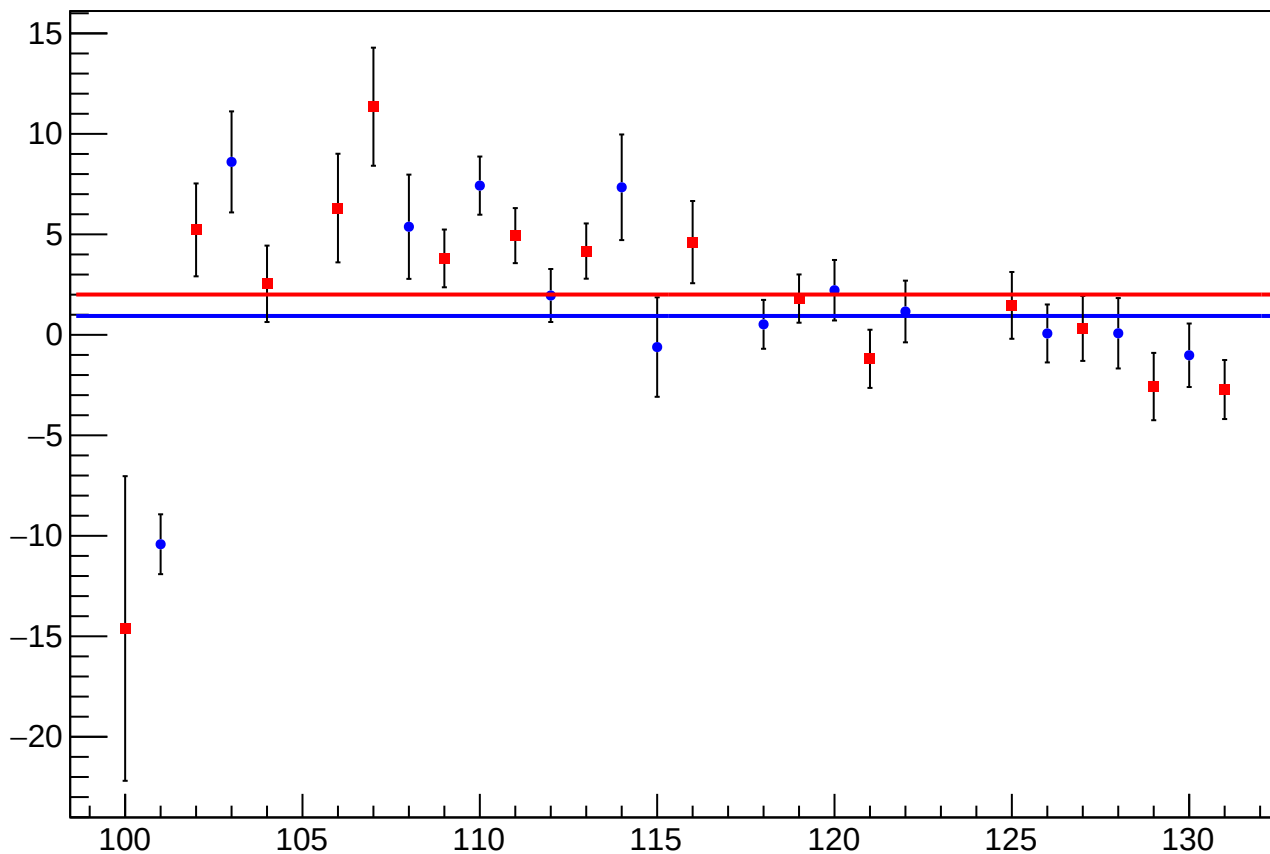
Right: -64.433+/-0.288 χ^2/NDF : 348.0/27

In: -64.755+/-0.422 χ^2/NDF : 84.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.433+/-0.288 χ^2/NDF : 348.0/27

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.940 $\pm$ 0.453 χ^2 /NDF: 100.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.006 $\pm$ 0.436 χ^2 /NDF: 53.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

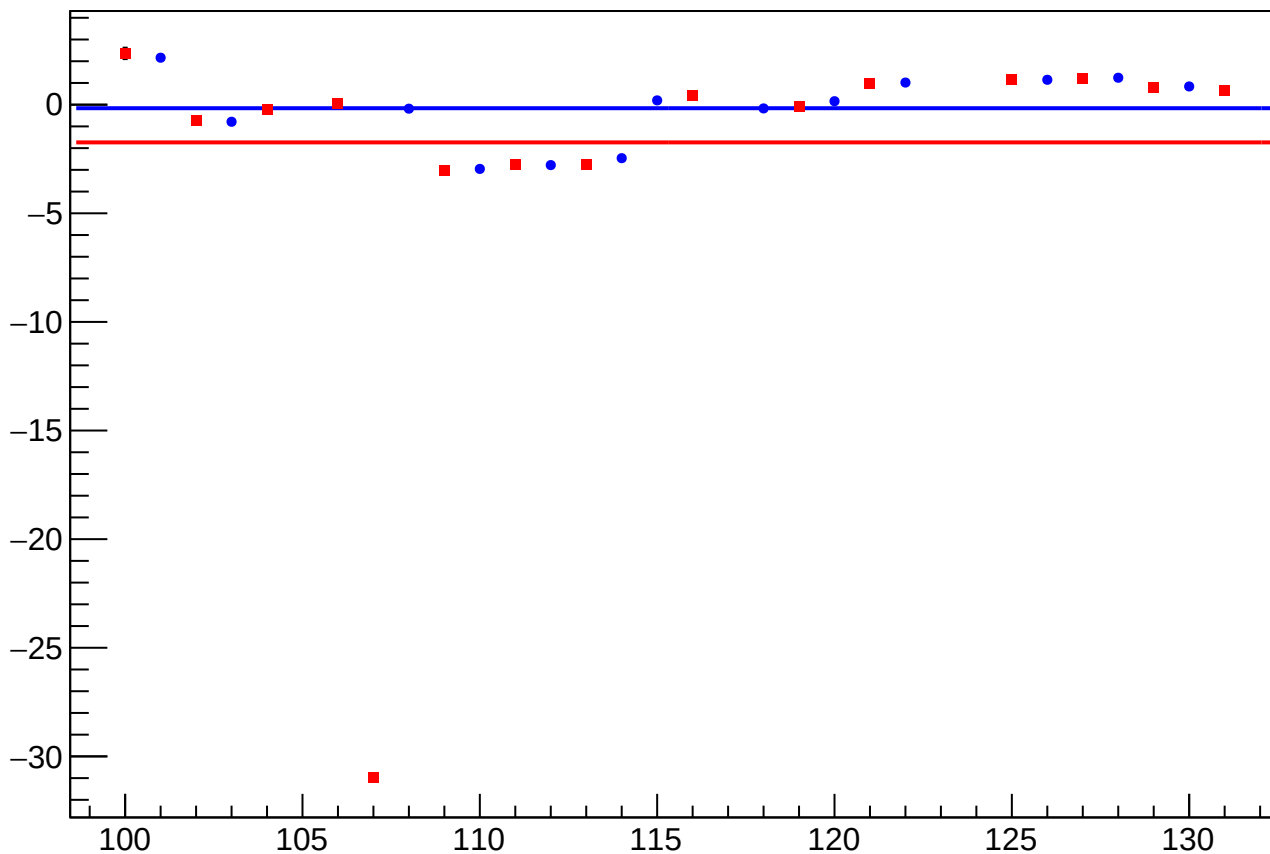
Right: 1.493 $\pm$ 0.314 χ^2 /NDF: 157.0/27

In: 0.940 $\pm$ 0.453 χ^2 /NDF:100.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.493 $\pm$ 0.314 χ^2 /NDF: 157.0/27

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.162+/-0.028 χ^2/NDF : 3583.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.736+/-0.026 χ^2/NDF : 44434.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

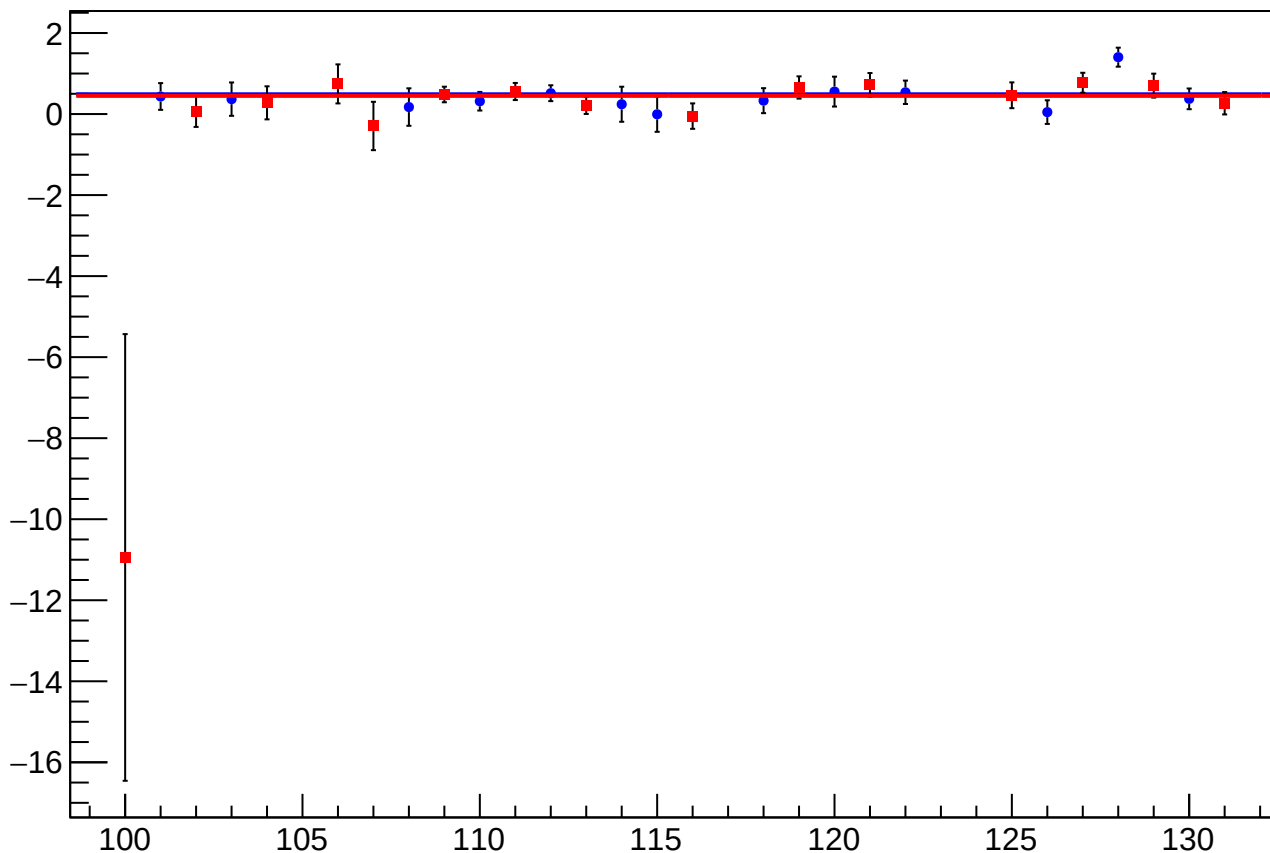
Right: -1.001+/-0.019 χ^2/NDF : 49673.0/27

In: -0.162+/-0.028 χ^2/NDF :3583.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.001+/-0.019 χ^2/NDF : 49673.0/27

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.488+/-0.081 χ^2/NDF : 20.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.449+/-0.075 χ^2/NDF : 15.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

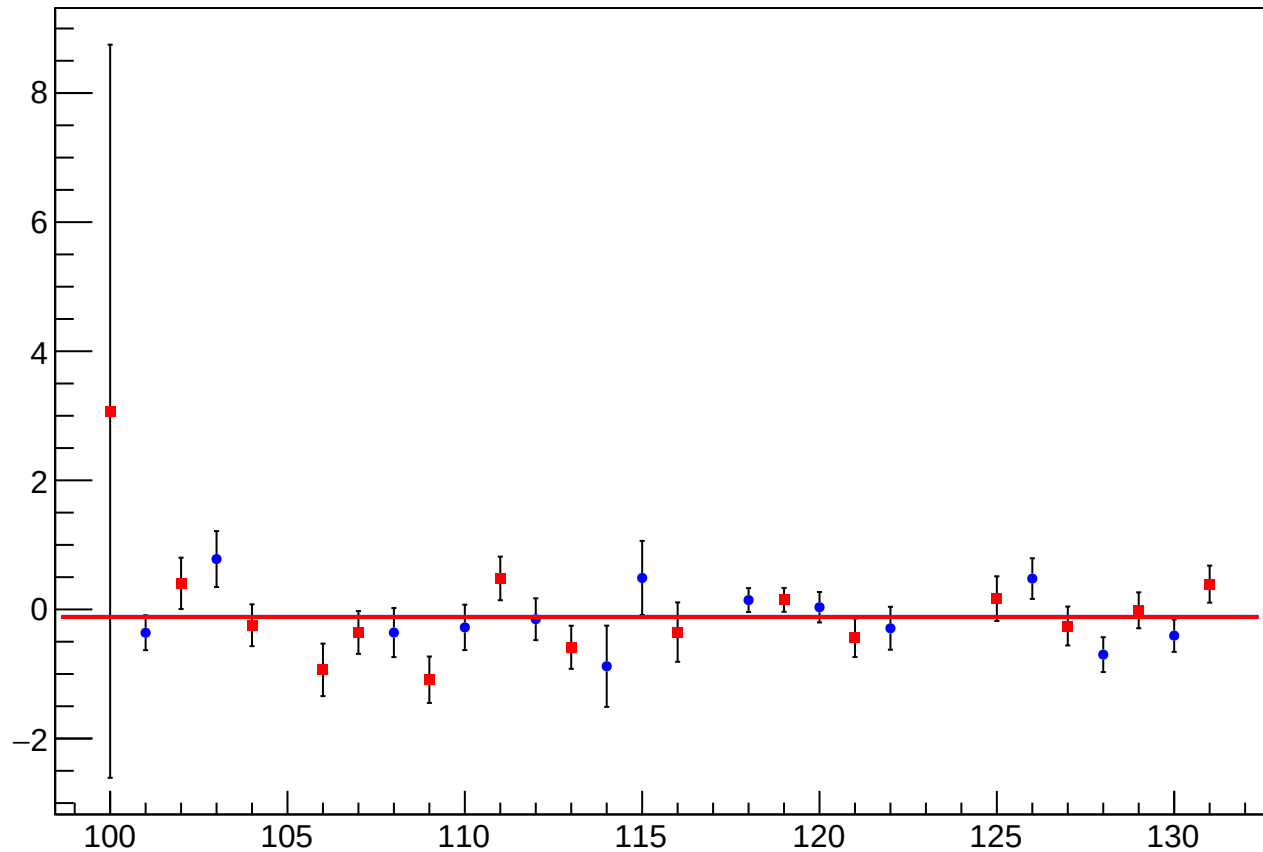
Right: 0.467+/-0.055 χ^2/NDF : 36.7/27

In: 0.488+/-0.081 χ^2/NDF : 20.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.467+/-0.055 χ^2/NDF : 36.7/27

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.115 ± 0.083 χ^2/NDF : 20.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.118 ± 0.083 χ^2/NDF : 26.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

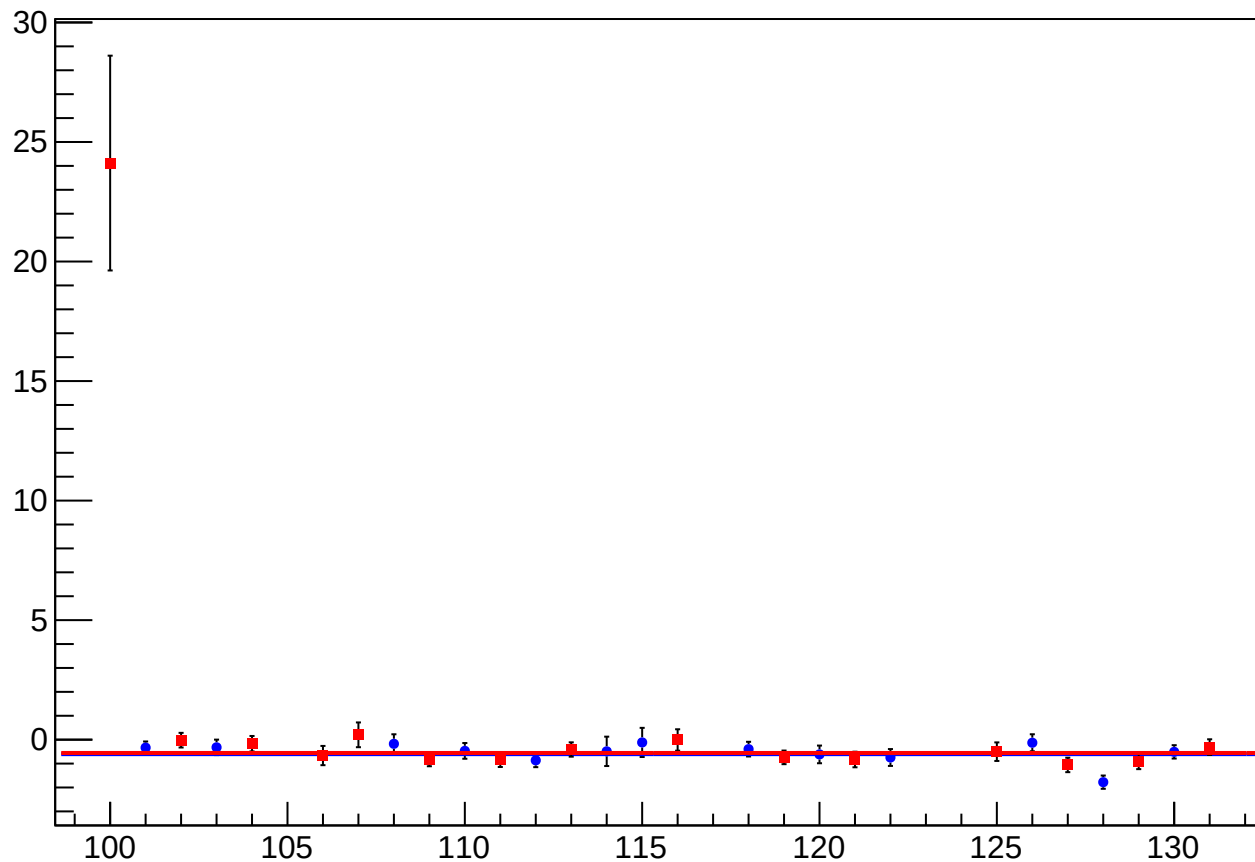
Right: -0.116 ± 0.059 χ^2/NDF : 47.4/27

In: -0.115 ± 0.083 χ^2/NDF : 20.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.116 ± 0.059 χ^2/NDF : 47.4/27

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.605 ± 0.092 $\chi^2/\text{NDF}: 25.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.556 ± 0.089 $\chi^2/\text{NDF}: 45.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

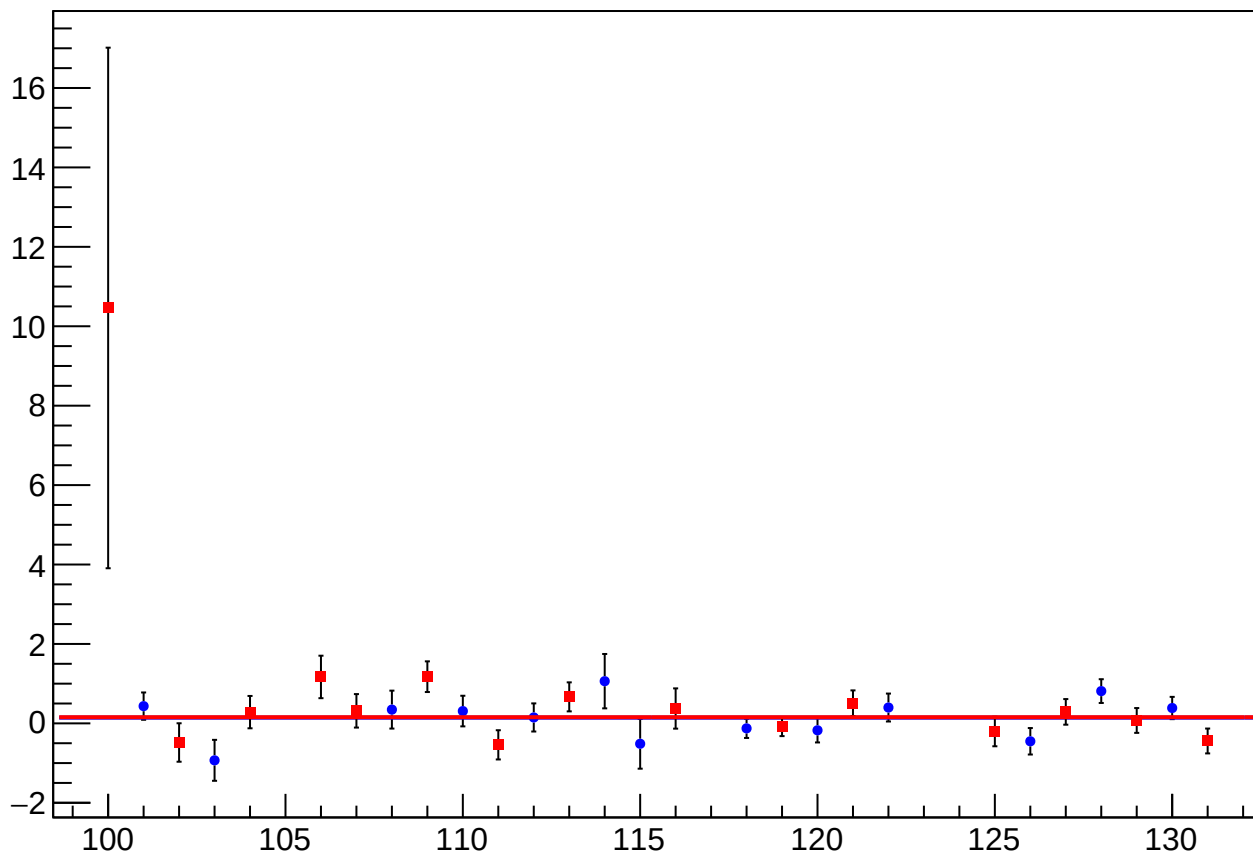
Right: -0.580 ± 0.064 $\chi^2/\text{NDF}: 71.2/27$

In: -0.605 ± 0.092 $\chi^2/\text{NDF}: 25.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.580 ± 0.064 $\chi^2/\text{NDF}: 71.2/27$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.144+/-0.098 χ^2/NDF : 20.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.155+/-0.096 χ^2/NDF : 27.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

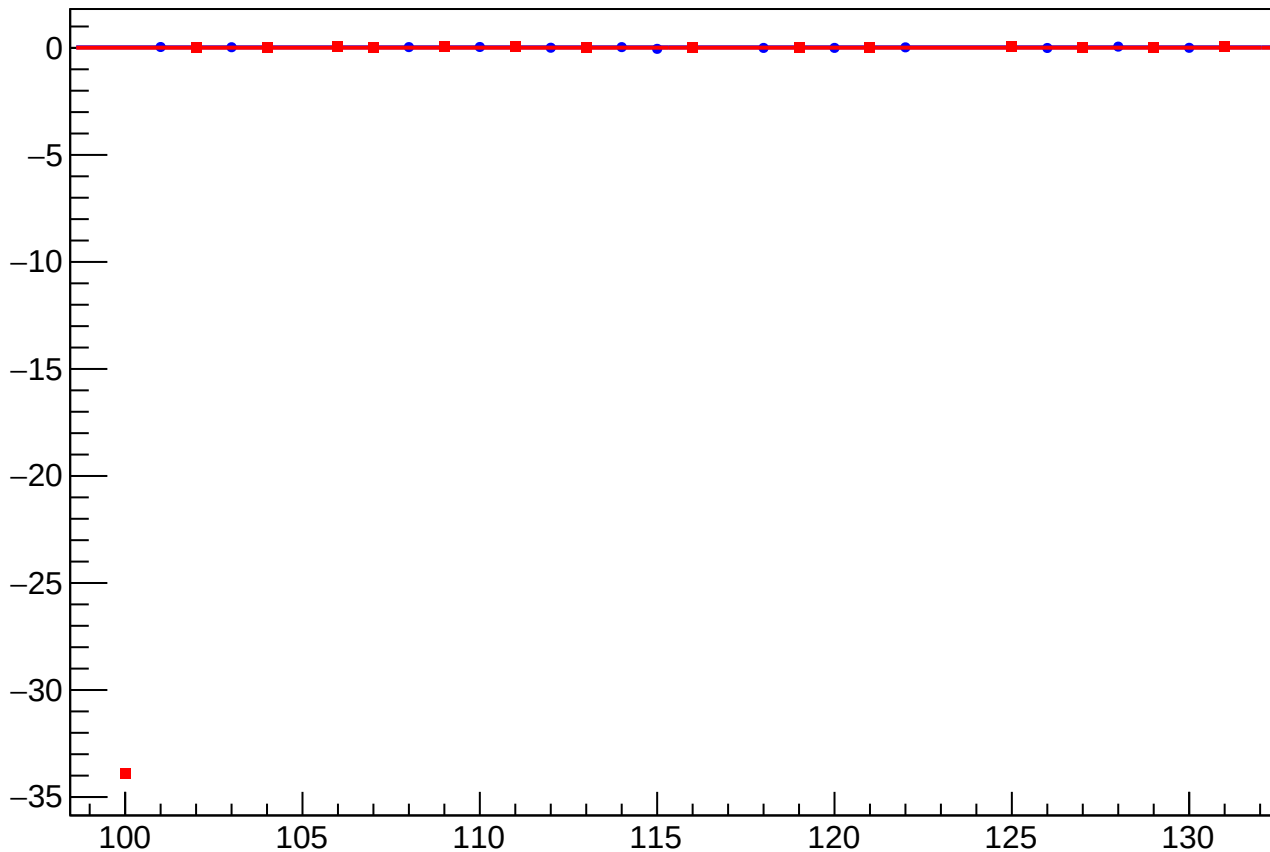
Right: 0.150+/-0.068 χ^2/NDF : 47.9/27

In: 0.144+/-0.098 χ^2/NDF : 20.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.150+/-0.068 χ^2/NDF : 47.9/27

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.006 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.006 χ^2 /NDF: 22260.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

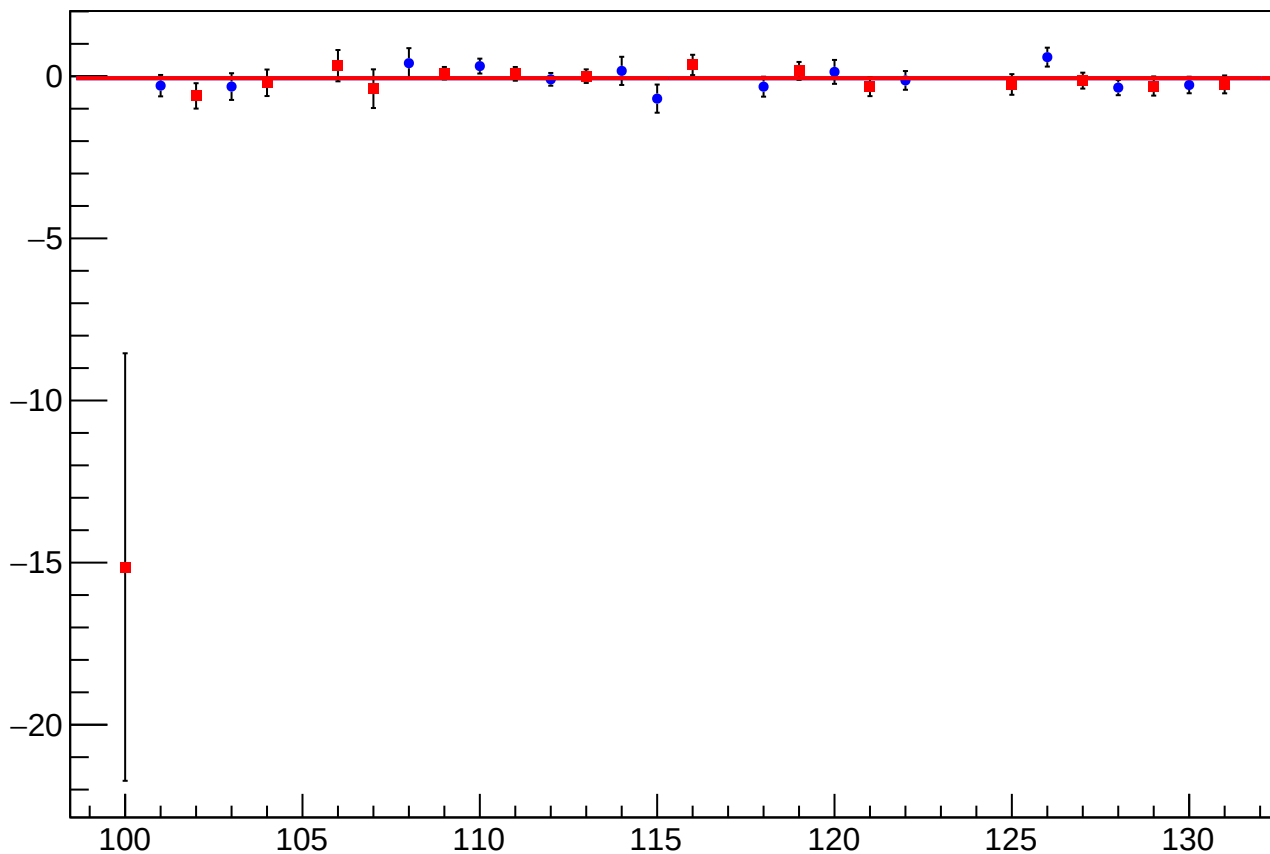
Right: 0.018 $\pm$ 0.004 χ^2 /NDF: 22274.8/27

In: 0.026 $\pm$ 0.006 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.004 χ^2 /NDF: 22274.8/27

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.063 $\pm$ 0.082 χ^2/NDF : 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 $\pm$ 0.075 χ^2/NDF : 14.1/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

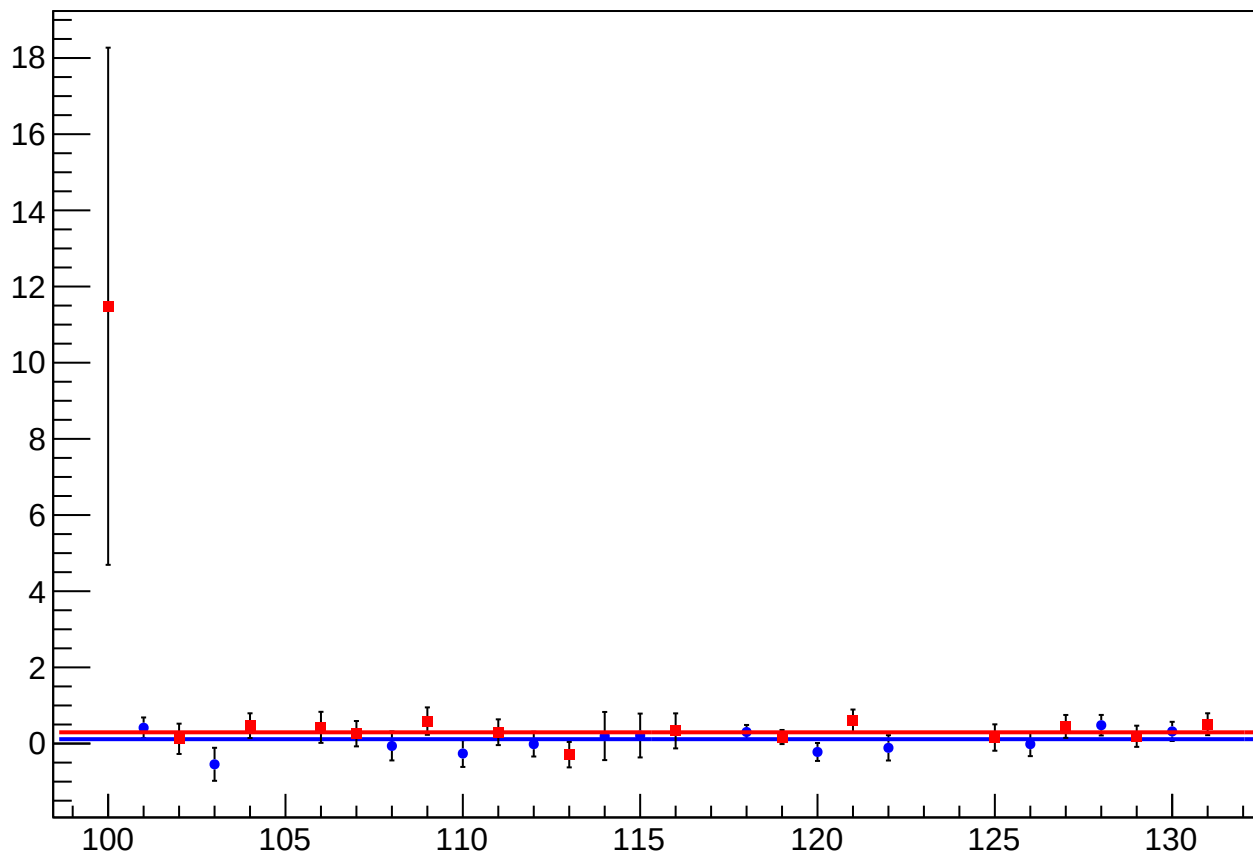
Right: -0.060 $\pm$ 0.055 χ^2/NDF : 29.3/27

In: -0.063 $\pm$ 0.082 χ^2/NDF : 15.2/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.060 $\pm$ 0.055 χ^2/NDF : 29.3/27

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.115 $\pm$ 0.083 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.295 $\pm$ 0.083 χ^2 /NDF: 9.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

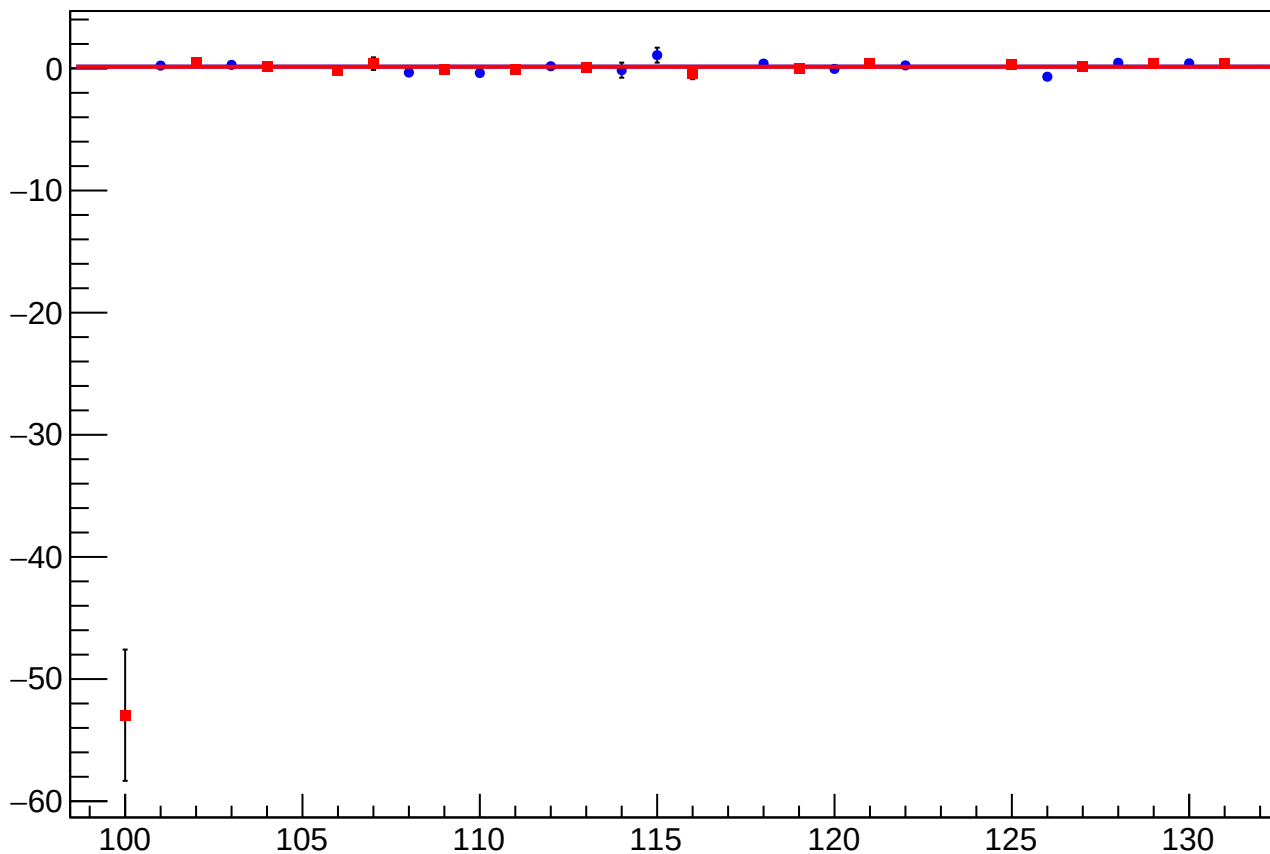
Right: 0.206 $\pm$ 0.059 χ^2 /NDF: 23.3/27

In: 0.115 $\pm$ 0.083 χ^2 /NDF:11.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.206 $\pm$ 0.059 χ^2 /NDF: 23.3/27

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.145+/-0.092 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.136+/-0.089 χ^2/NDF : 104.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

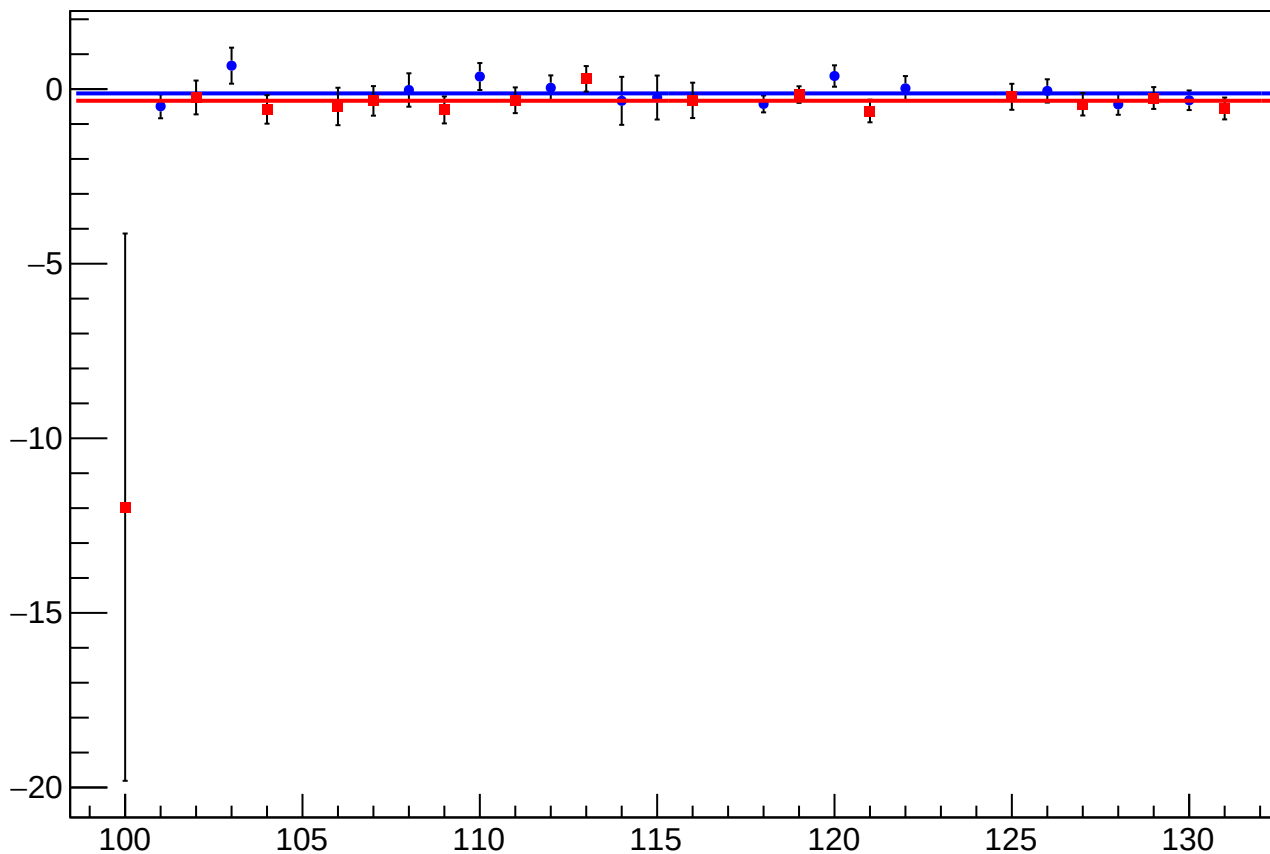
Right: 0.140+/-0.064 χ^2/NDF : 120.4/27

In: 0.145+/-0.092 χ^2/NDF : 15.4/12

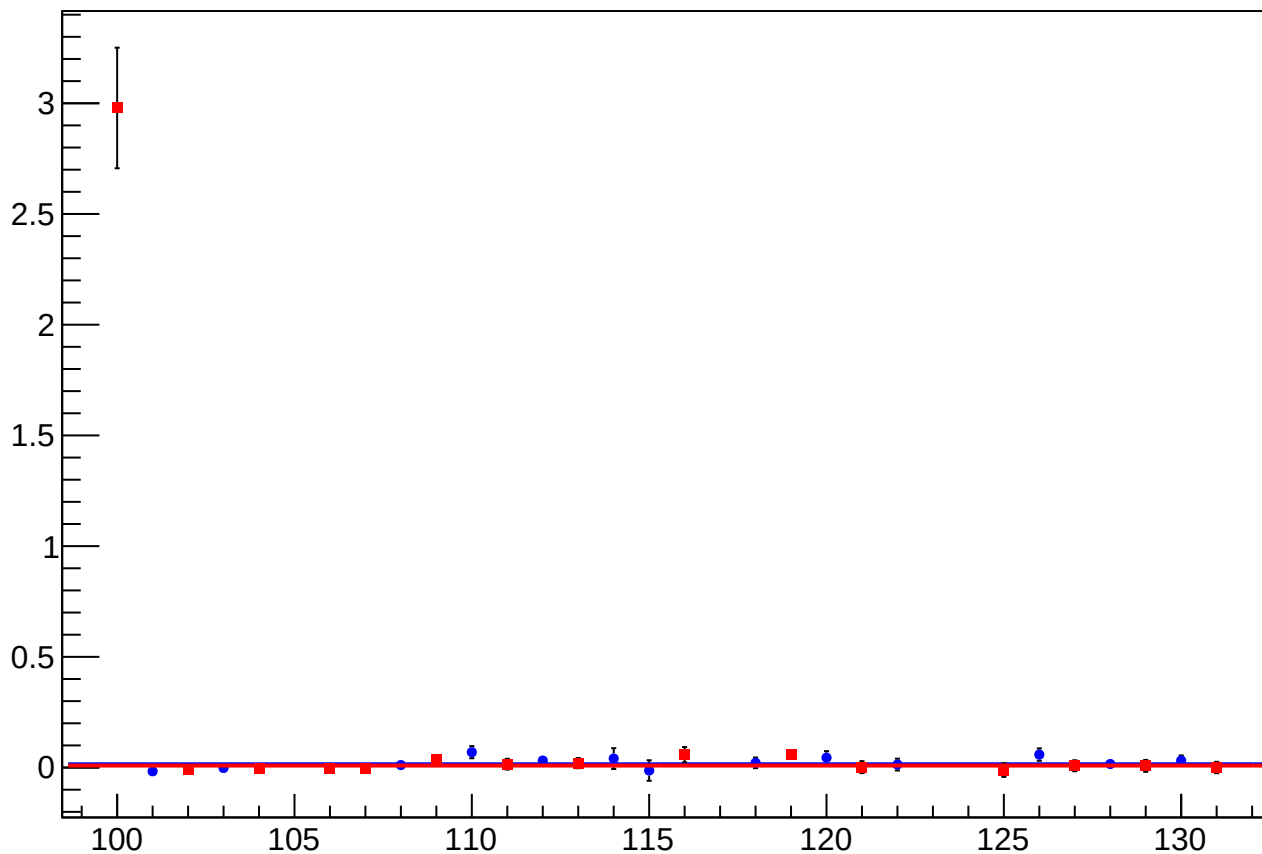
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.064 χ^2/NDF : 120.4/27

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.006 χ^2 /NDF: 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.006 χ^2 /NDF: 131.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

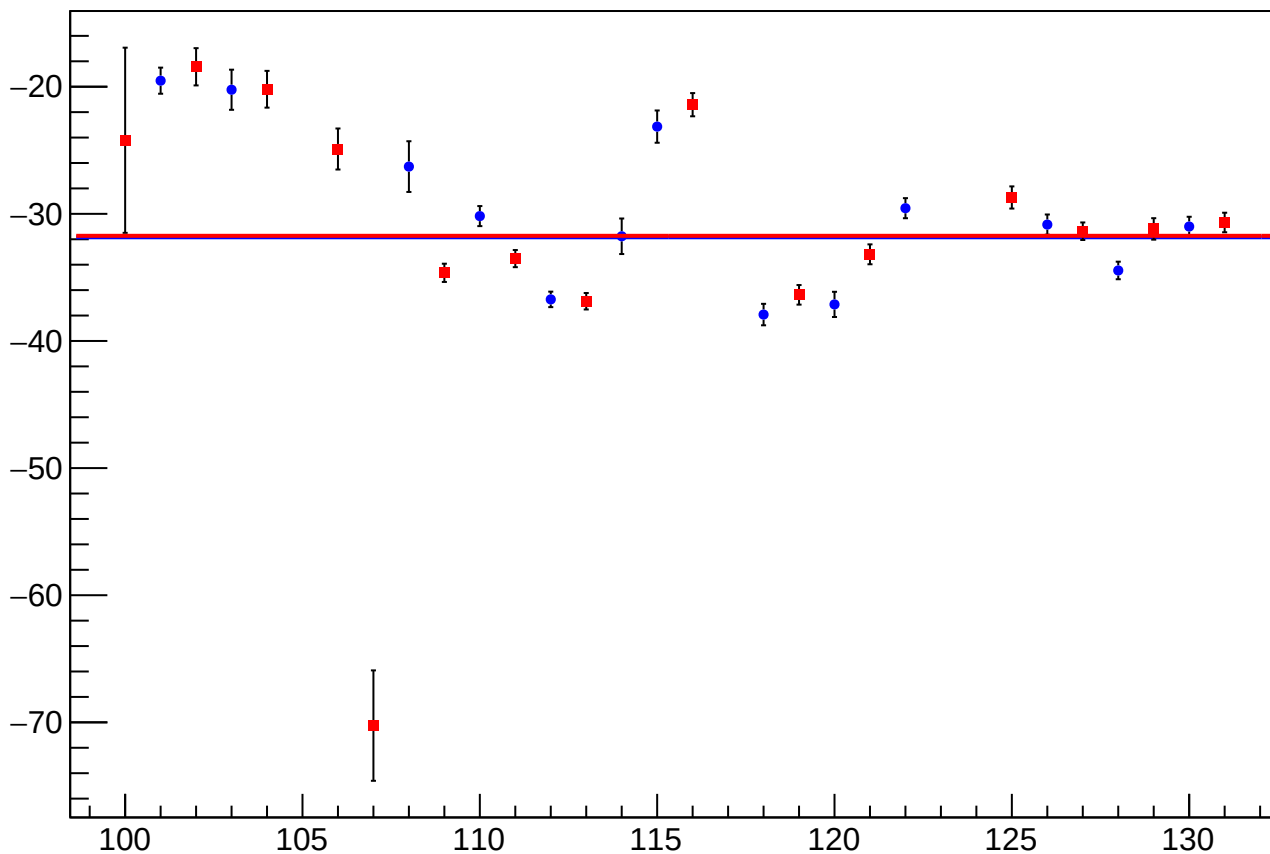
Right: 0.012 $\pm$ 0.004 χ^2 /NDF: 147.3/27

In: 0.015 $\pm$ 0.006 χ^2 /NDF:15.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.004 χ^2 /NDF: 147.3/27

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.843 $\pm$ 0.247 χ^2 /NDF: 427.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.728 $\pm$ 0.230 χ^2 /NDF: 512.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

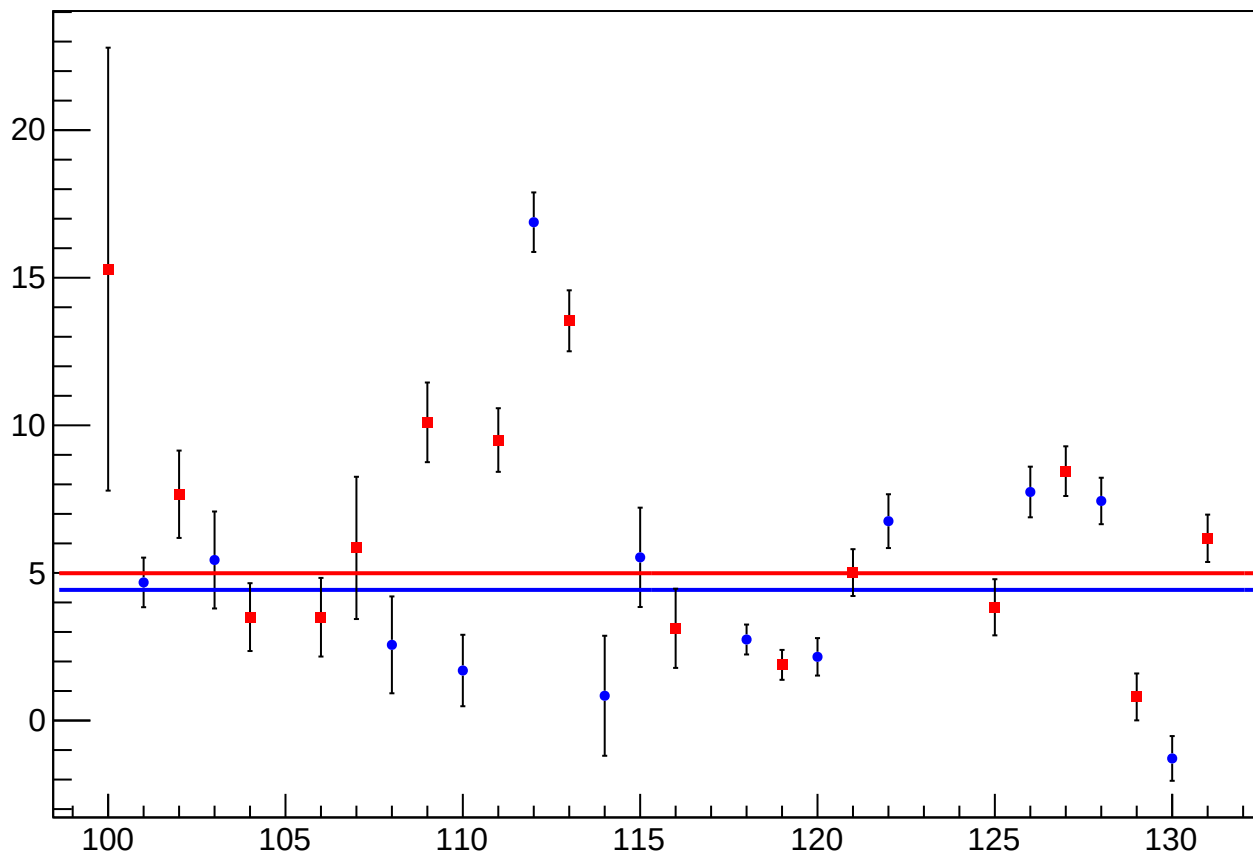
Right: -31.781 $\pm$ 0.168 χ^2 /NDF: 939.7/27

In: -31.843 $\pm$ 0.247 χ^2 /NDF:427.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.781 $\pm$ 0.168 χ^2 /NDF: 939.7/27

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.425+/-0.245 χ^2/NDF : 279.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.990+/-0.250 χ^2/NDF : 196.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

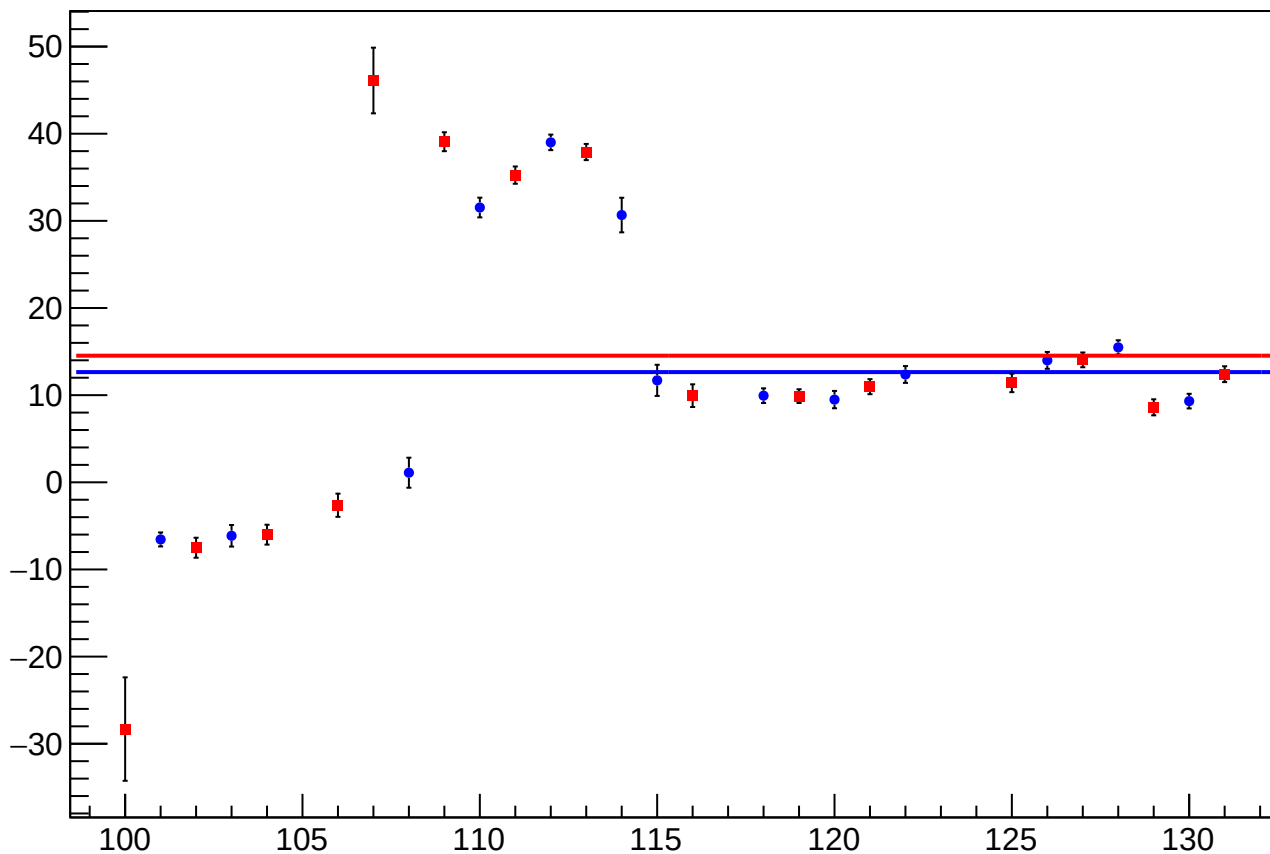
Right: 4.702+/-0.175 χ^2/NDF : 478.8/27

In: 4.425+/-0.245 χ^2/NDF : 279.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.702+/-0.175 χ^2/NDF : 478.8/27

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.647+/-0.281 χ^2/NDF : 2132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.530+/-0.273 χ^2/NDF : 2685.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

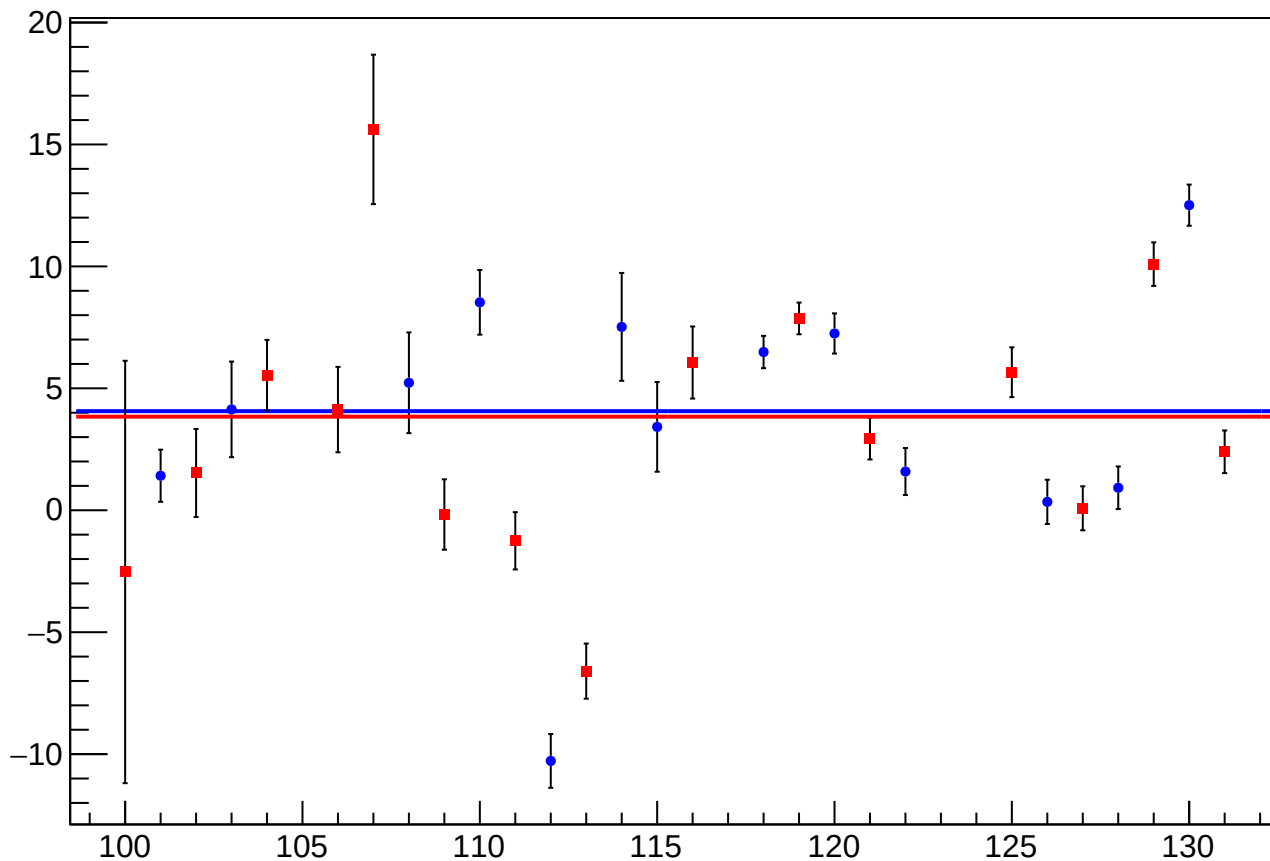
Right: 13.617+/-0.196 χ^2/NDF : 4840.4/27

In: 12.647+/-0.281 χ^2/NDF : 2132.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.617+/-0.196 χ^2/NDF : 4840.4/27

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.063+/-0.288 χ^2/NDF : 354.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.838+/-0.287 χ^2/NDF : 244.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

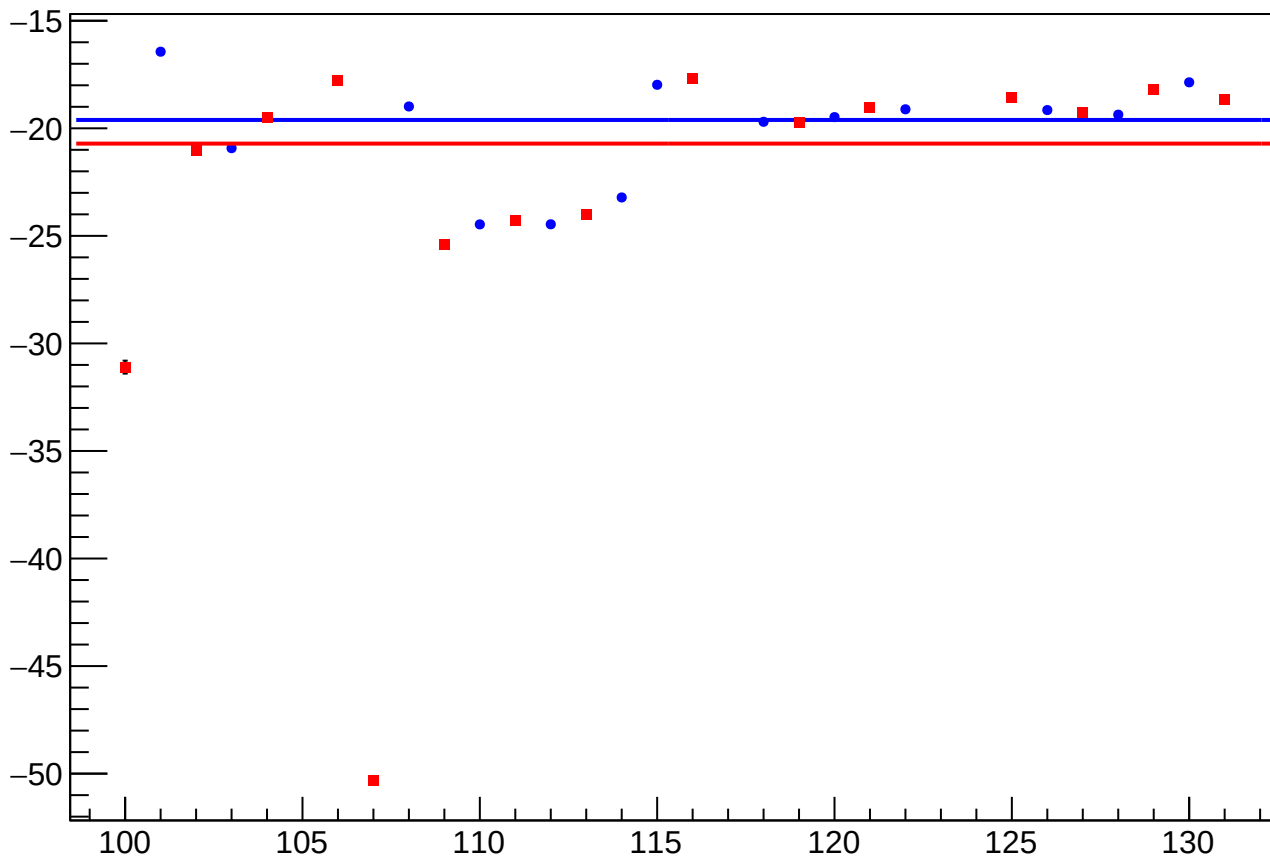
Right: 3.950+/-0.203 χ^2/NDF : 599.4/27

In: 4.063+/-0.288 χ^2/NDF : 354.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.950+/-0.203 χ^2/NDF : 599.4/27

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.611 $\pm$ 0.020 χ^2 /NDF: 14071.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.711 $\pm$ 0.019 χ^2 /NDF: 53835.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

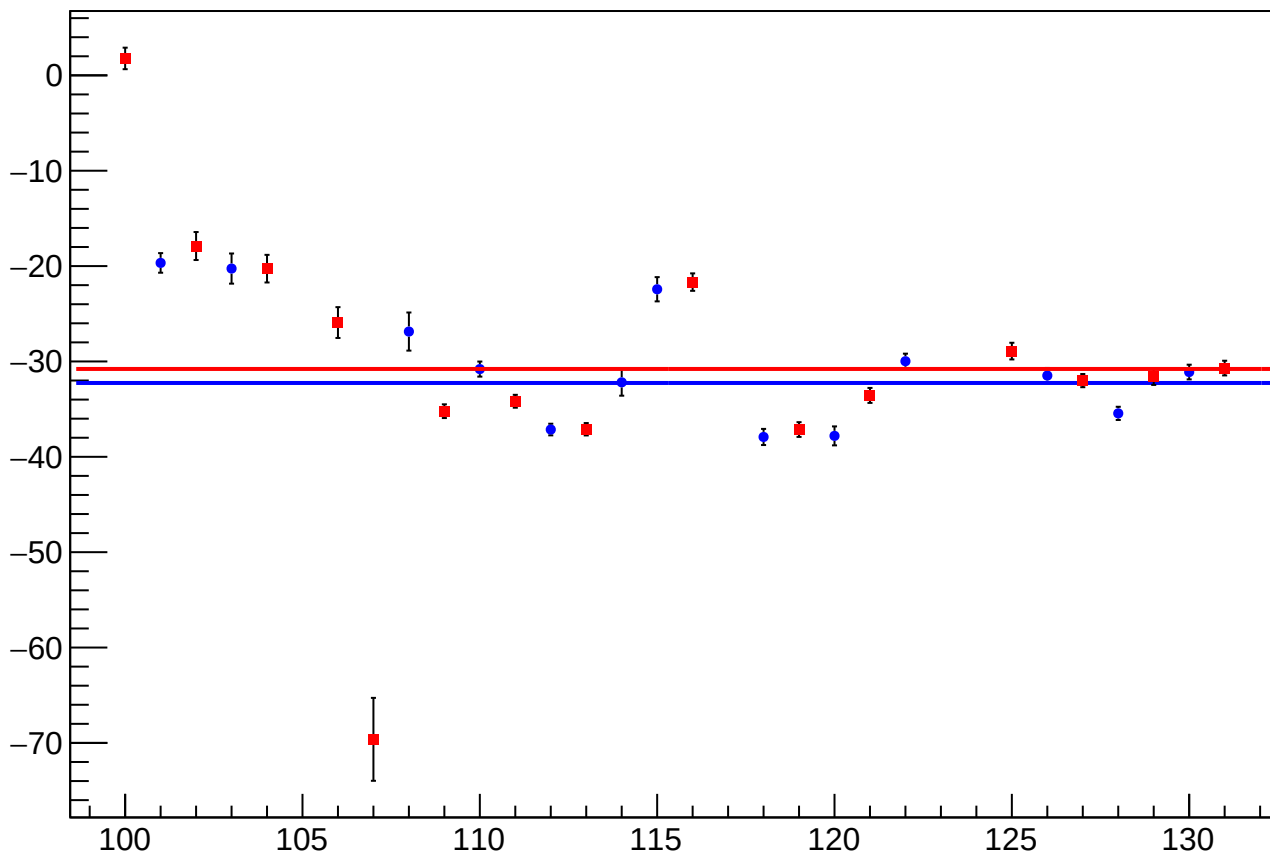
Right: -20.183 $\pm$ 0.014 χ^2 /NDF: 69548.5/27

In: -19.611 $\pm$ 0.020 χ^2 /NDF:14071.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.183 $\pm$ 0.014 χ^2 /NDF: 69548.5/27

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.256+/-0.247 χ^2/NDF : 450.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.787+/-0.226 χ^2/NDF : 1397.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

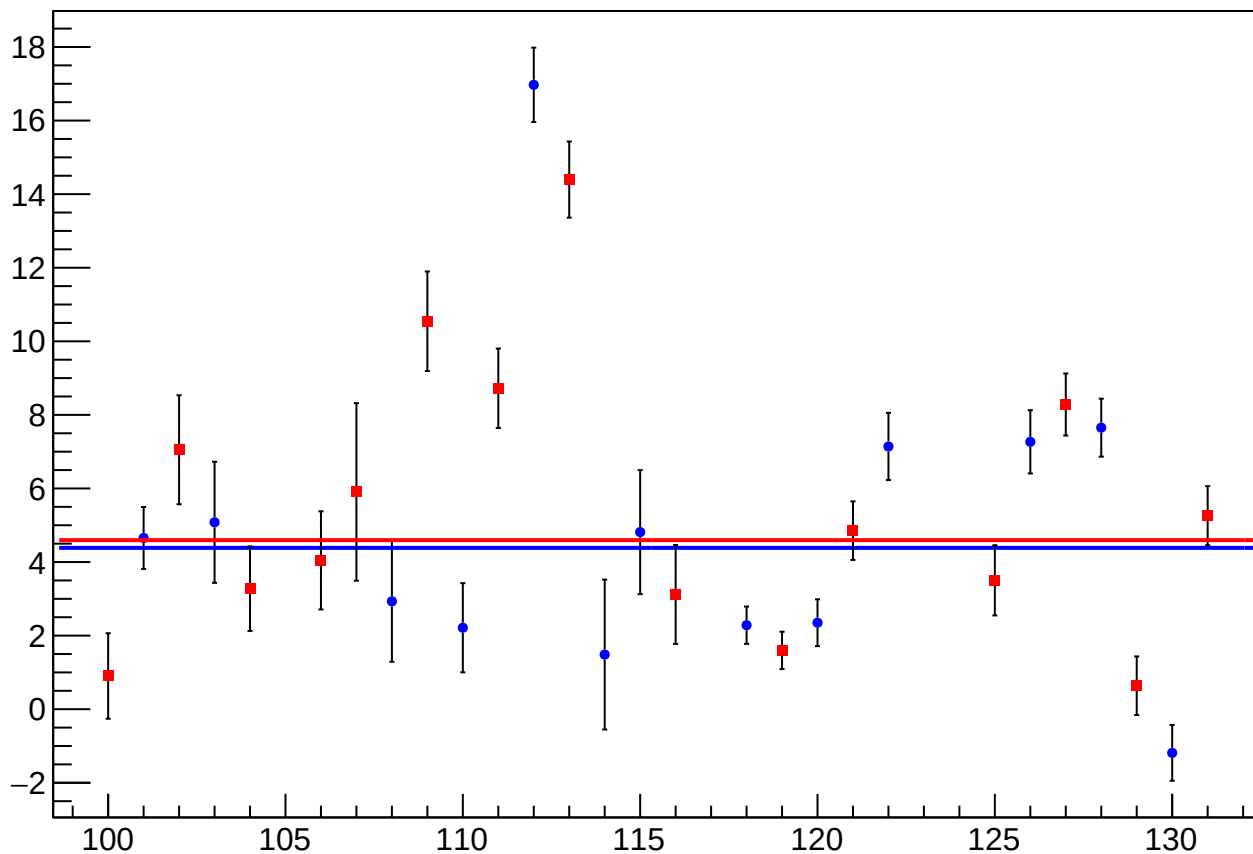
Right: -31.455+/-0.167 χ^2/NDF : 1867.3/27

In: -32.256+/-0.247 χ^2/NDF : 450.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.455+/-0.167 χ^2/NDF : 1867.3/27

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.386+/-0.245 χ^2/NDF : 280.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.595+/-0.245 χ^2/NDF : 220.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

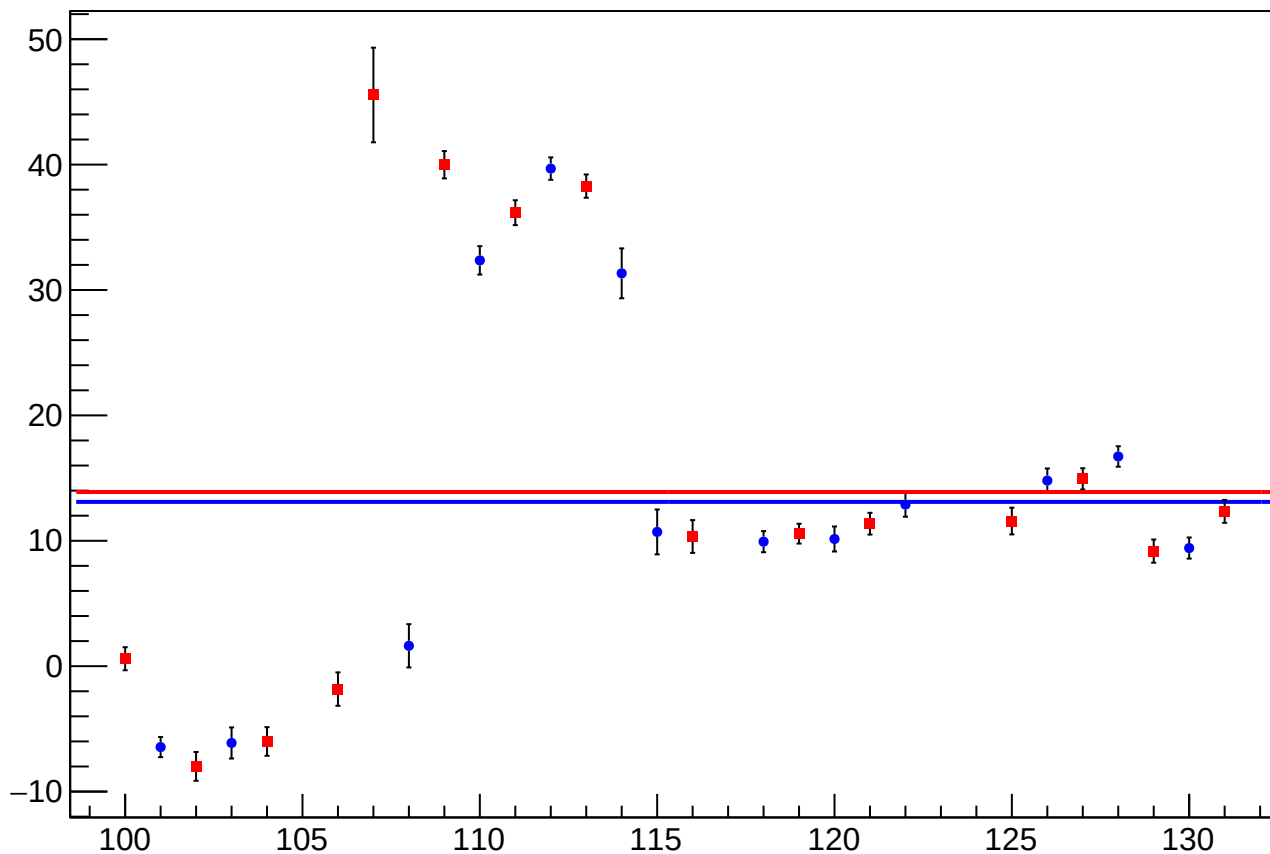
Right: 4.490+/-0.173 χ^2/NDF : 500.8/27

In: 4.386+/-0.245 χ^2/NDF : 280.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.490+/-0.173 χ^2/NDF : 500.8/27

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.101+/-0.282 χ^2/NDF : 2199.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.889+/-0.262 χ^2/NDF : 2920.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

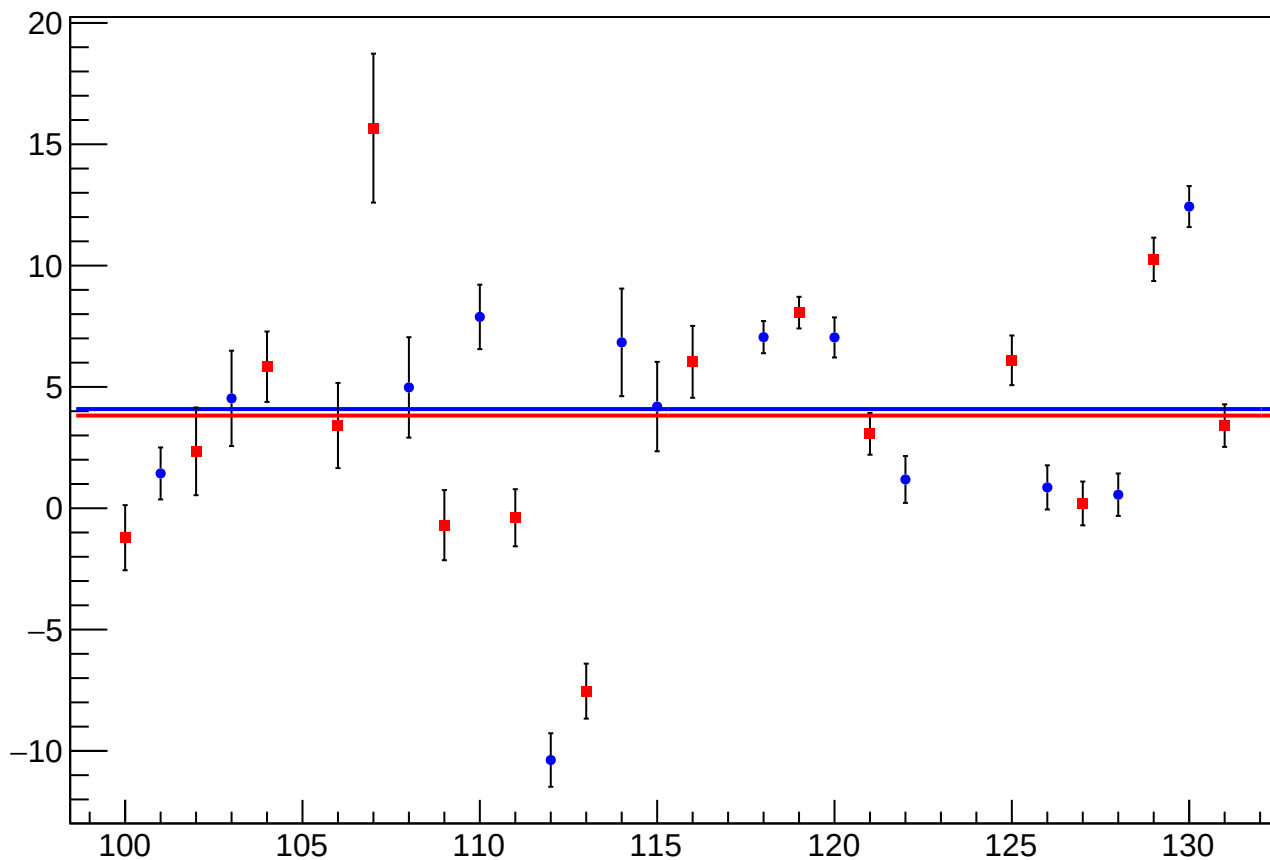
Right: 13.524+/-0.192 χ^2/NDF : 5124.2/27

In: 13.101+/-0.282 χ^2/NDF : 2199.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.524+/-0.192 χ^2/NDF : 5124.2/27

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.087+/-0.289 χ^2/NDF : 356.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.819+/-0.281 χ^2/NDF : 273.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

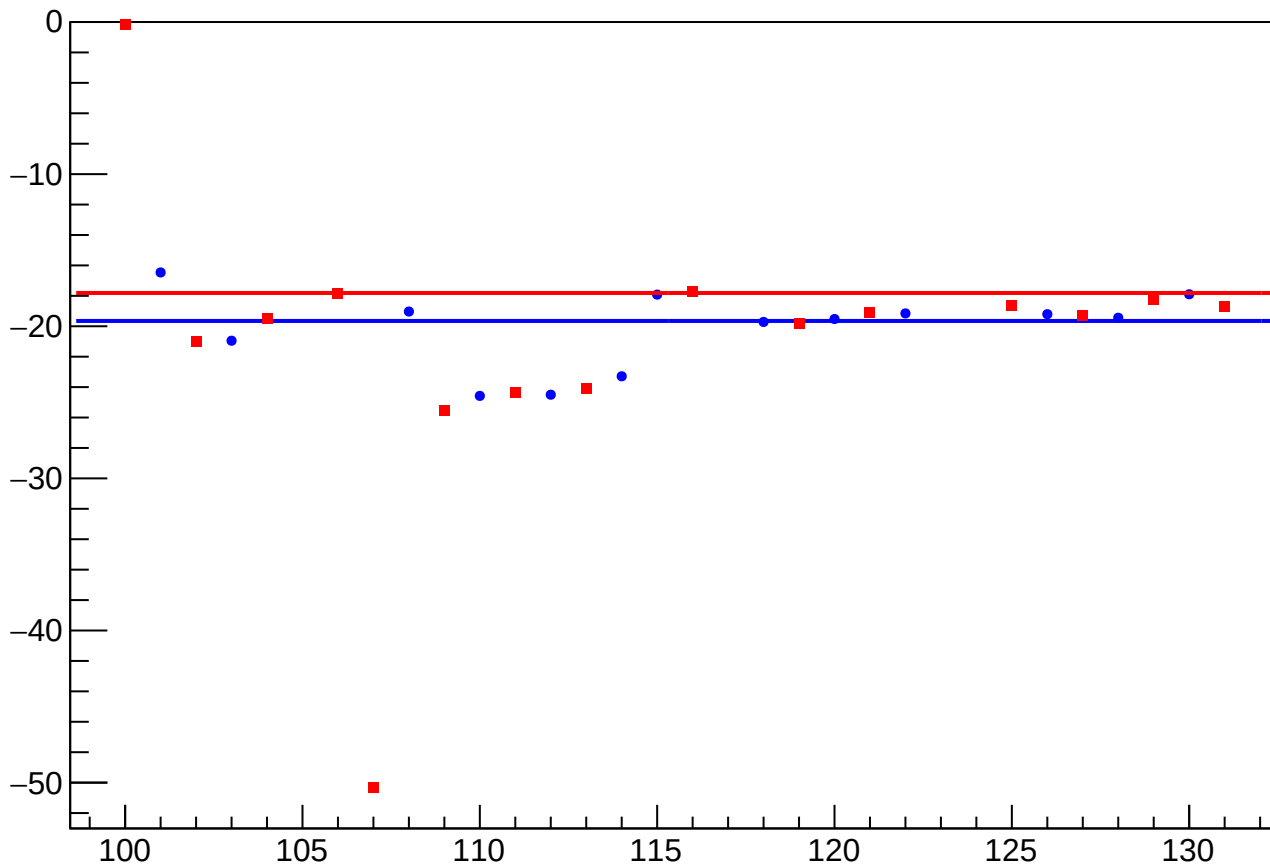
Right: 3.950+/-0.202 χ^2/NDF : 629.5/27

In: 4.087+/-0.289 χ^2/NDF : 356.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.950+/-0.202 χ^2/NDF : 629.5/27

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.651+/-0.020 χ^2/NDF : 14146.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.812+/-0.018 χ^2/NDF : 219604.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

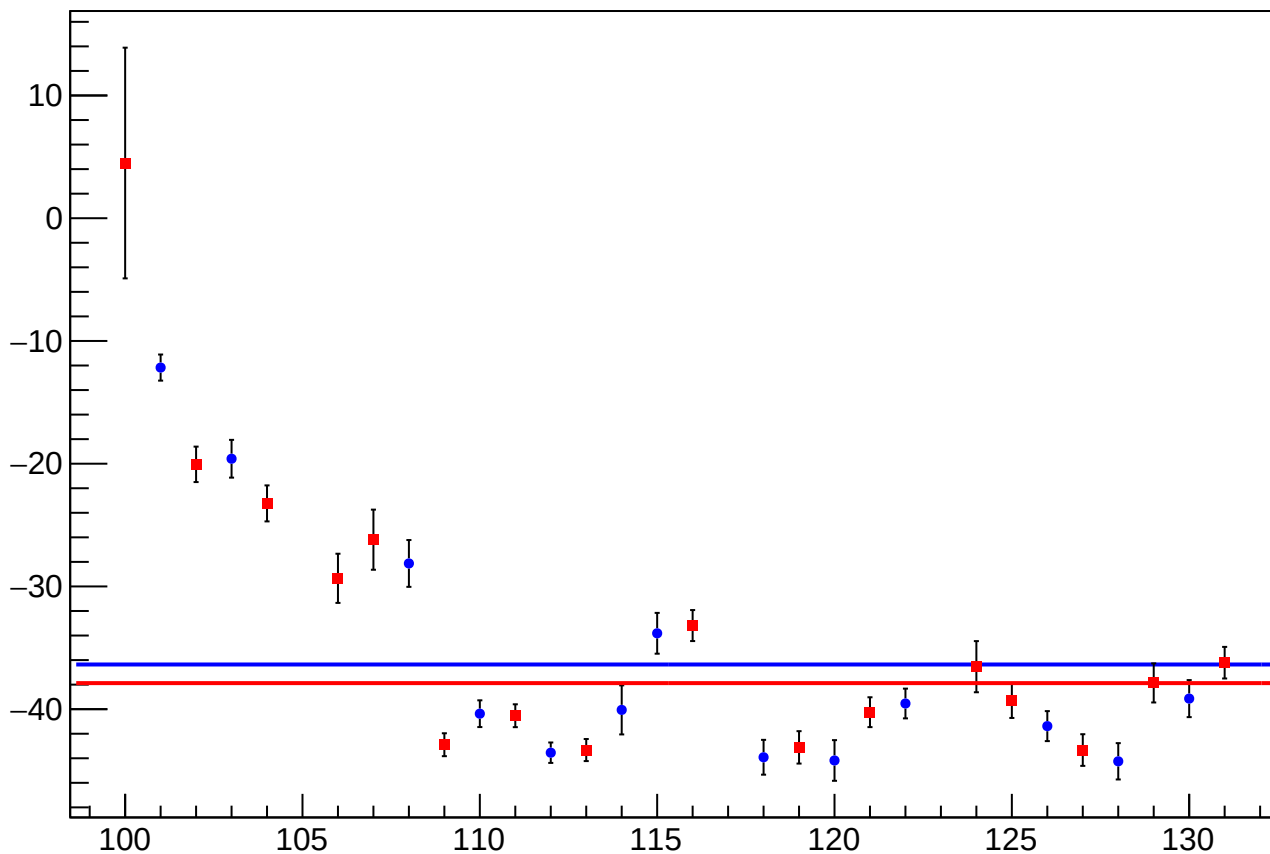
Right: -18.628+/-0.013 χ^2/NDF : 238642.5/27

In: -19.651+/-0.020 χ^2/NDF : 14146.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.628+/-0.013 χ^2/NDF : 238642.5/27

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.359+/-0.363 χ^2/NDF : 854.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.877+/-0.331 χ^2/NDF : 441.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

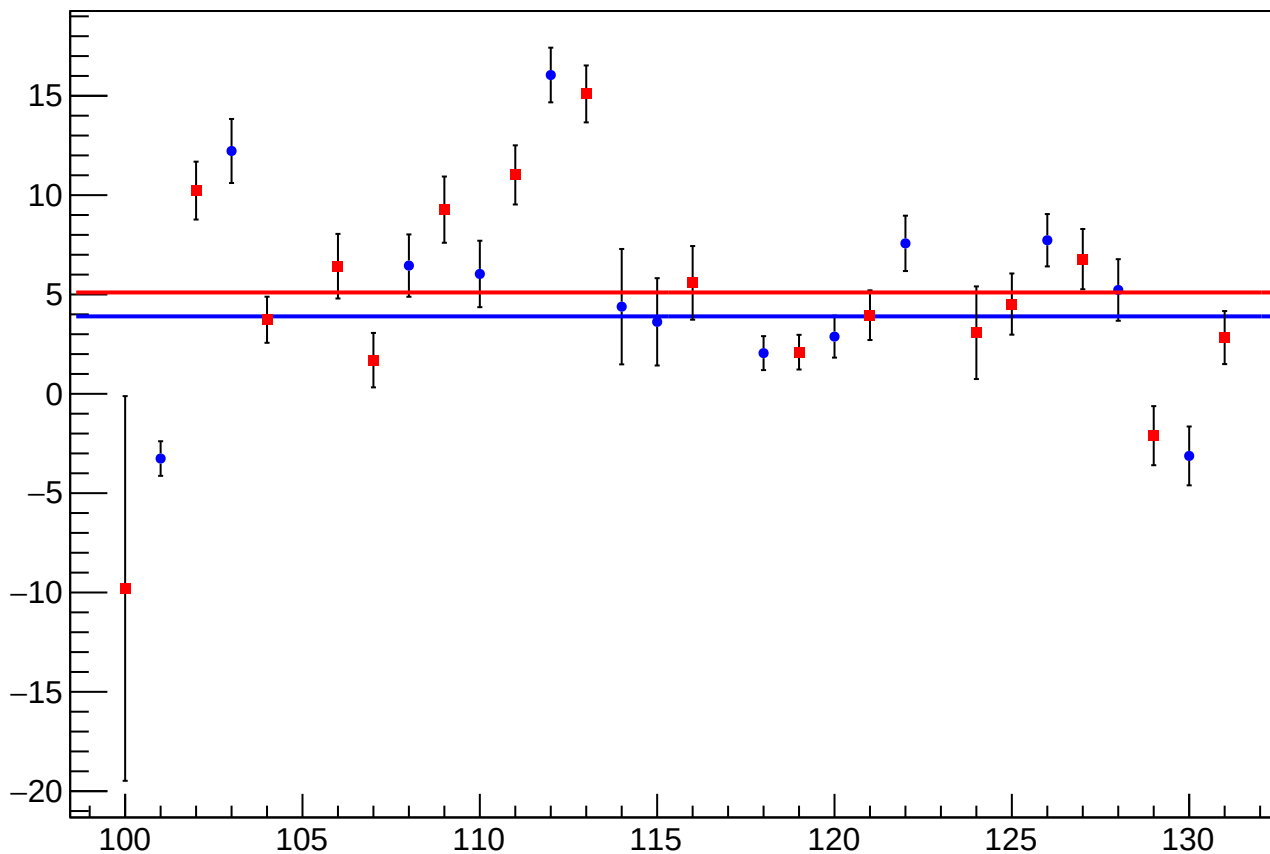
Right: -37.187+/-0.245 χ^2/NDF : 1305.5/28

In: -36.359+/-0.363 χ^2/NDF : 854.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.187+/-0.245 χ^2/NDF : 1305.5/28

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.898+/-0.364 χ^2/NDF : 220.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.102+/-0.360 χ^2/NDF : 135.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

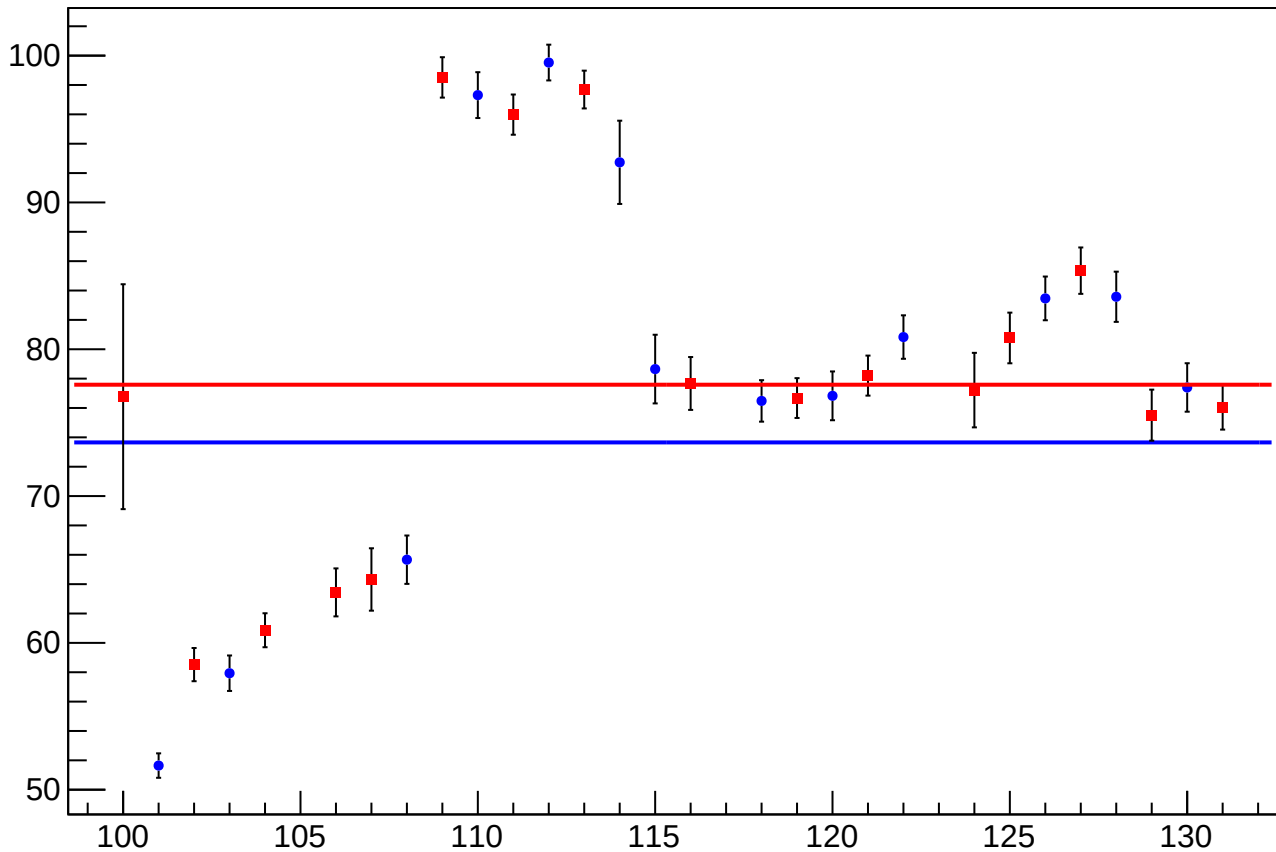
Right: 4.507+/-0.256 χ^2/NDF : 361.2/28

In: 3.898+/-0.364 χ^2/NDF : 220.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.507+/-0.256 χ^2/NDF : 361.2/28

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.654+/-0.396 χ^2/NDF : 1735.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.585+/-0.382 χ^2/NDF : 1293.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

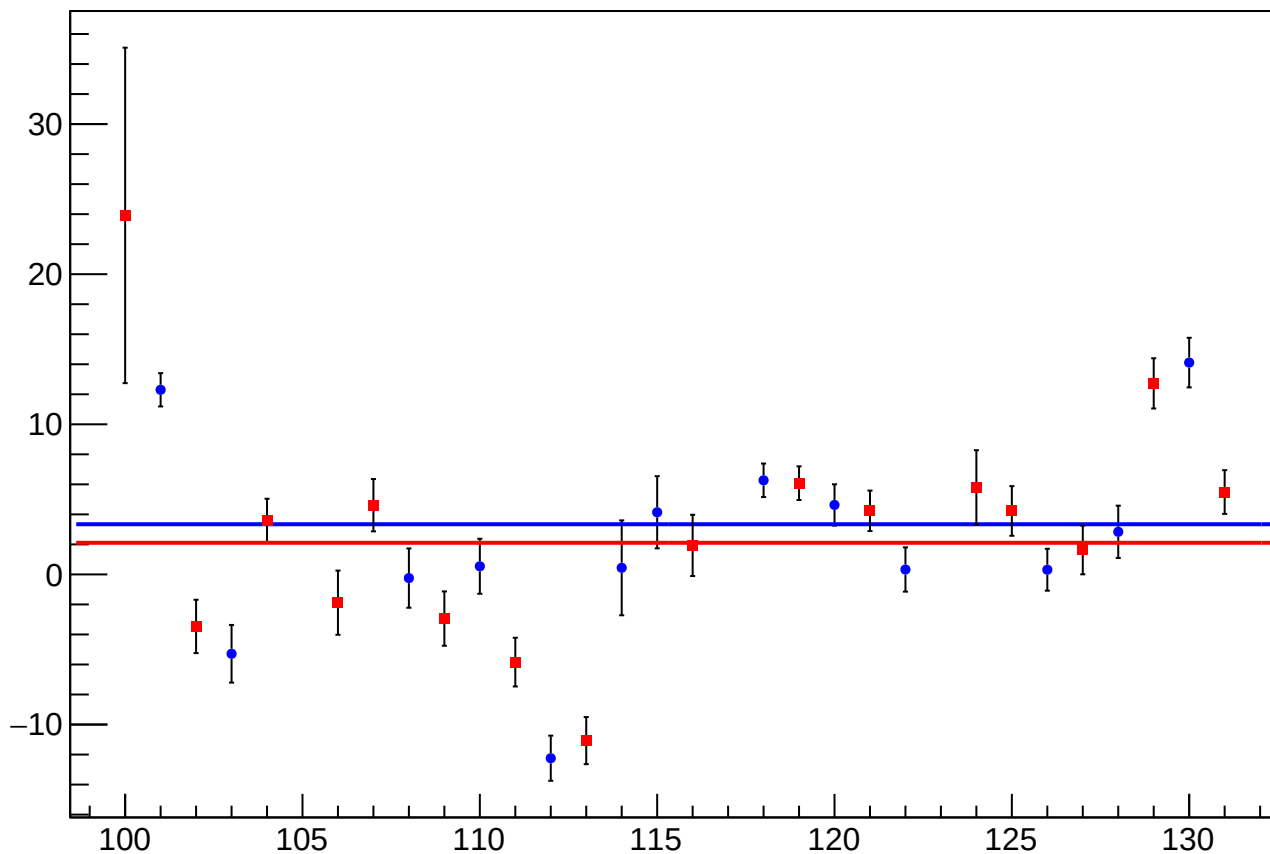
Right: 75.691+/-0.275 χ^2/NDF : 3080.4/28

In: 73.654+/-0.396 χ^2/NDF : 1735.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.691+/-0.275 χ^2/NDF : 3080.4/28

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.343+/-0.432 χ^2/NDF : 258.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.108+/-0.417 χ^2/NDF : 187.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

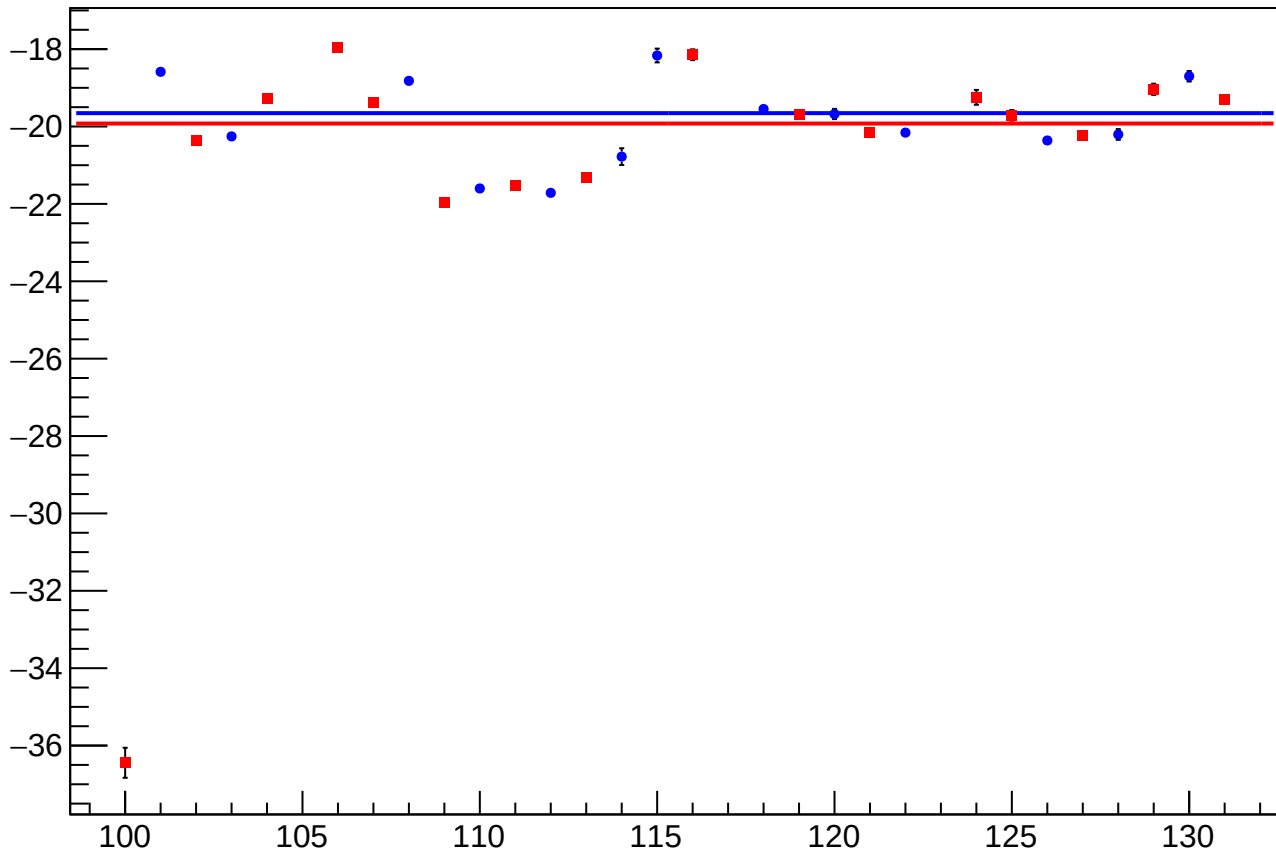
Right: 2.703+/-0.300 χ^2/NDF : 450.0/28

In: 3.343+/-0.432 χ^2/NDF : 258.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.703+/-0.300 χ^2/NDF : 450.0/28

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.654 ± 0.025 $\chi^2/\text{NDF}: 1670.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.923 ± 0.023 $\chi^2/\text{NDF}: 3853.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

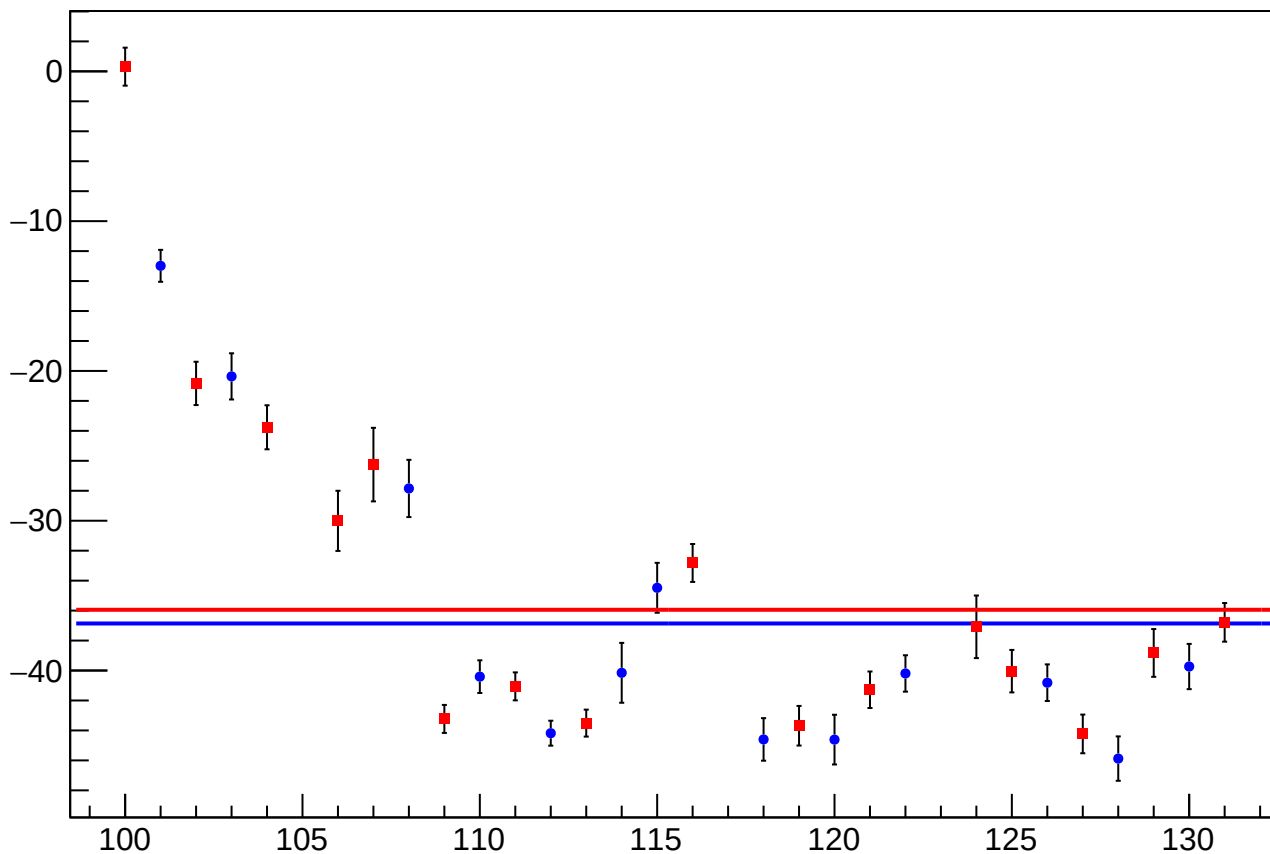
Right: -19.796 ± 0.017 $\chi^2/\text{NDF}: 5586.2/28$

In: -19.654 ± 0.025 $\chi^2/\text{NDF}: 1670.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.796 ± 0.017 $\chi^2/\text{NDF}: 5586.2/28$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.860 ± 0.364 χ^2/NDF : 841.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.944 ± 0.321 χ^2/NDF : 1294.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

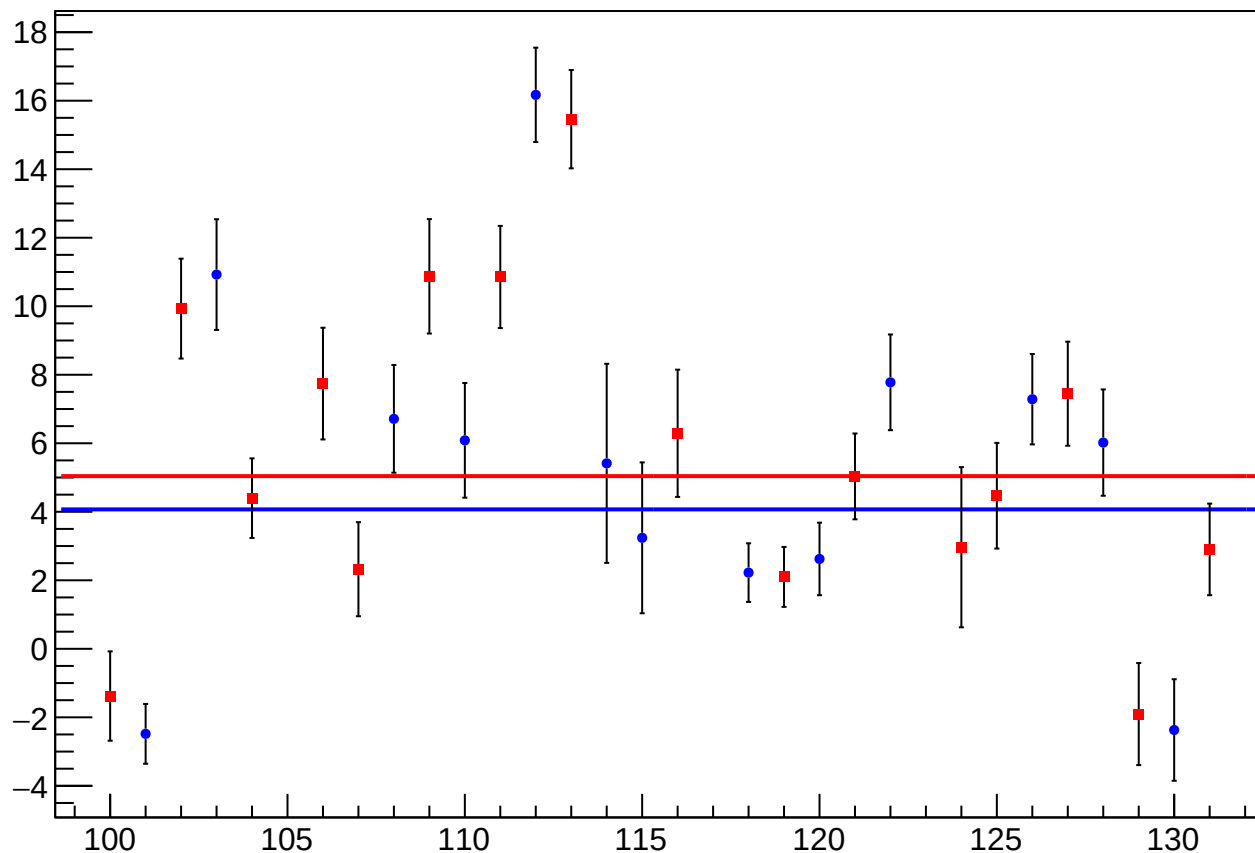
Right: -36.346 ± 0.241 χ^2/NDF : 2140.0/28

In: -36.860 ± 0.364 χ^2/NDF : 841.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.346 ± 0.241 χ^2/NDF : 2140.0/28

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.070 $\pm$ 0.365 χ^2 /NDF: 196.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.041 $\pm$ 0.348 χ^2 /NDF: 162.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

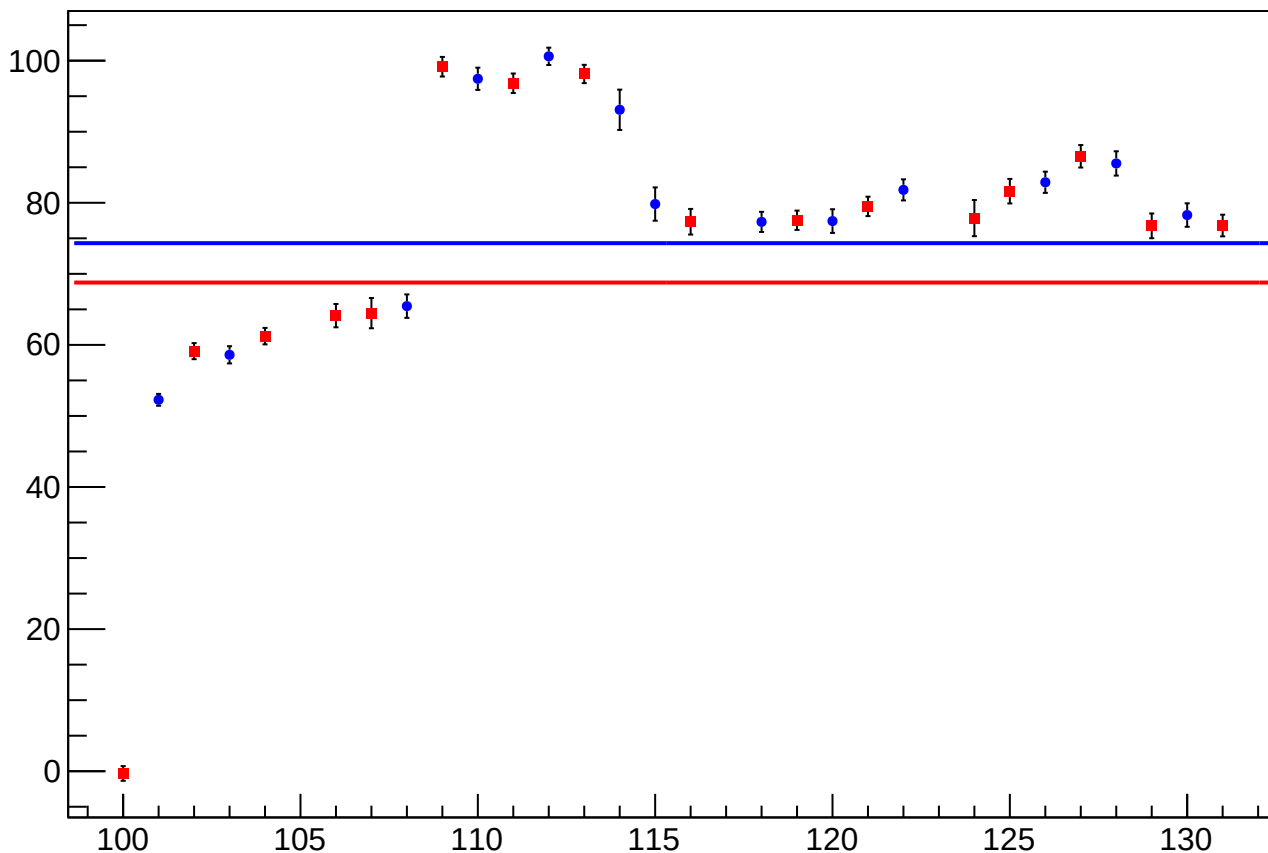
Right: 4.579 $\pm$ 0.252 χ^2 /NDF: 362.0/28

In: 4.070 $\pm$ 0.365 χ^2 /NDF:196.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.579 $\pm$ 0.252 χ^2 /NDF: 362.0/28

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.316+/-0.397 χ^2/NDF : 1744.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.775+/-0.359 χ^2/NDF : 6389.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

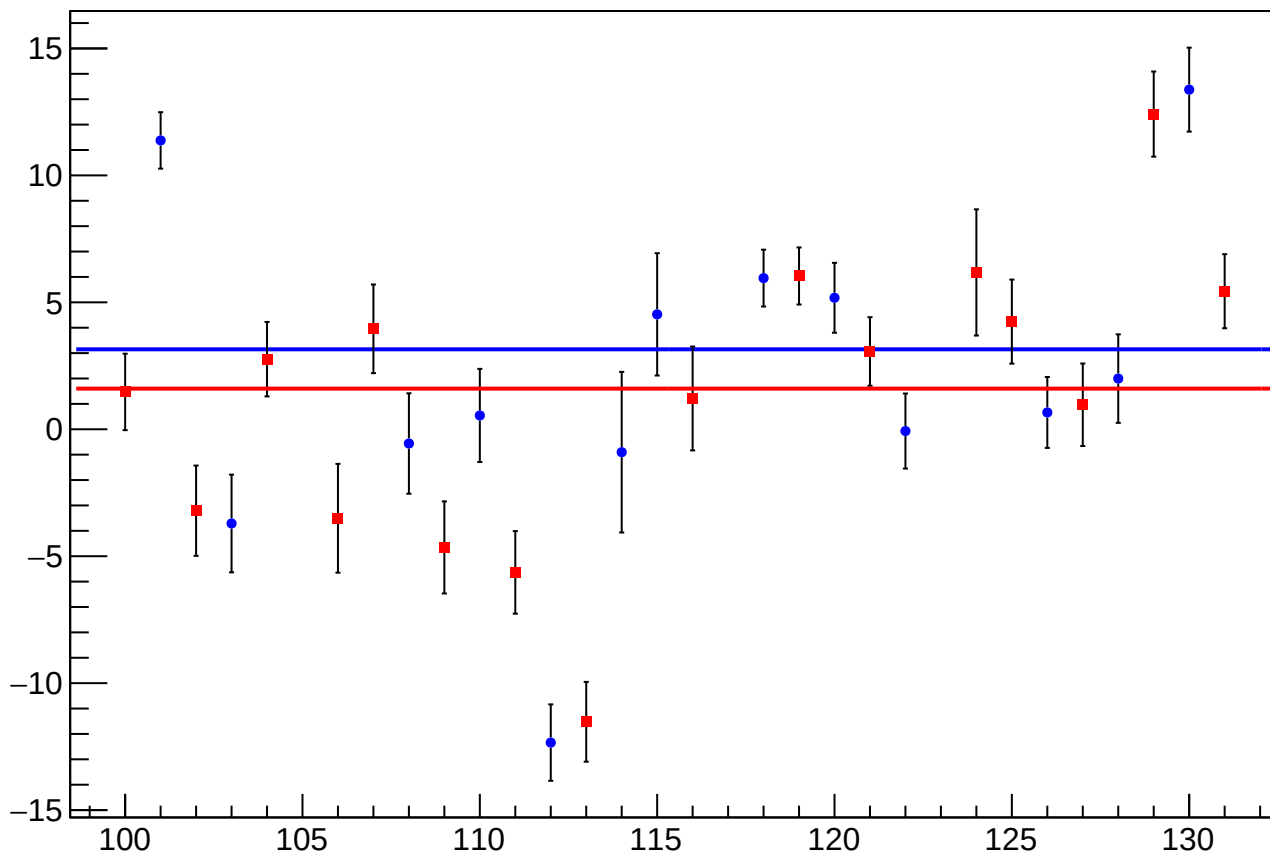
Right: 71.271+/-0.266 χ^2/NDF : 8241.7/28

In: 74.316+/-0.397 χ^2/NDF : 1744.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.271+/-0.266 χ^2/NDF : 8241.7/28

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.149+/-0.433 χ^2/NDF : 236.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.601+/-0.403 χ^2/NDF : 188.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

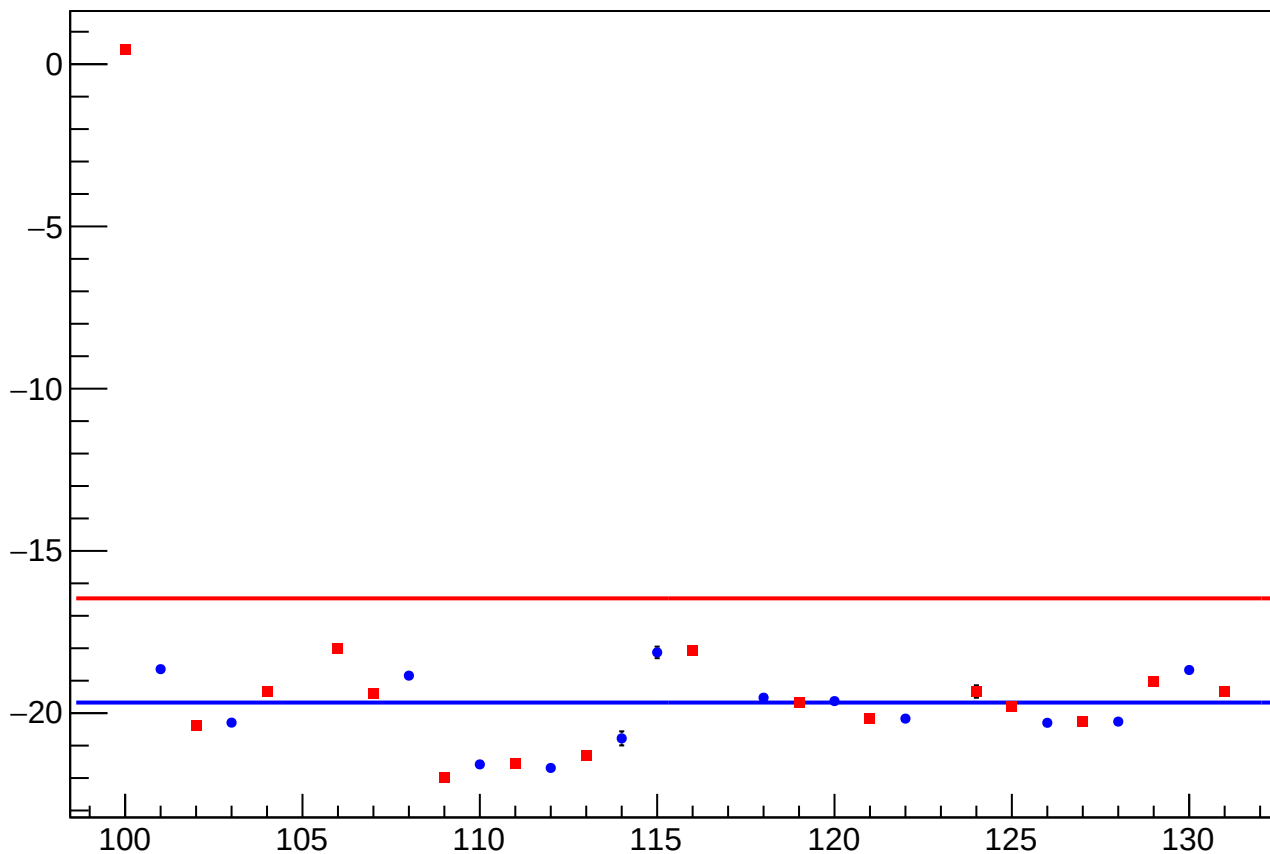
Right: 2.320+/-0.295 χ^2/NDF : 431.1/28

In: 3.149+/-0.433 χ^2/NDF : 236.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.320+/-0.295 χ^2/NDF : 431.1/28

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.674 $\pm$ 0.025 χ^2 /NDF: 1613.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.462 $\pm$ 0.021 χ^2 /NDF: 127742.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

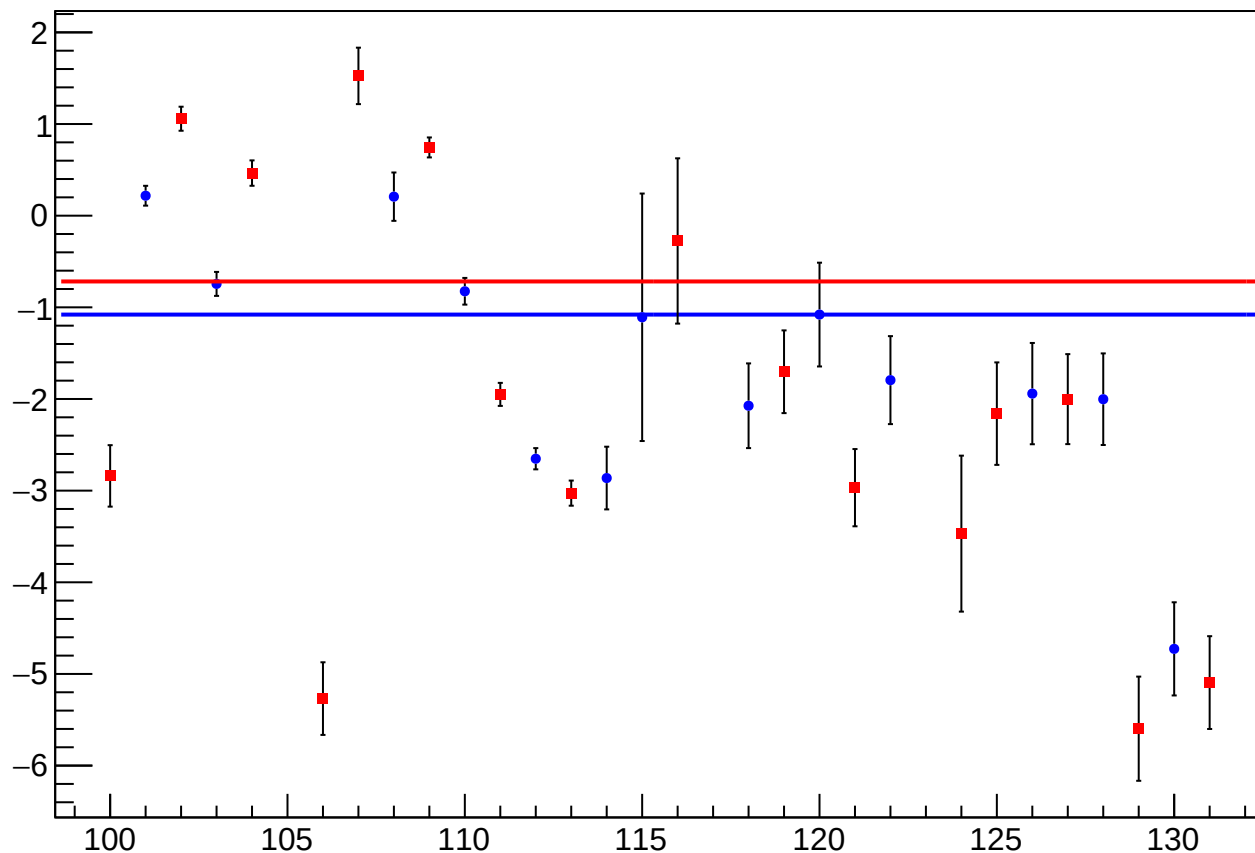
Right: -17.843 $\pm$ 0.016 χ^2 /NDF: 138965.9/28

In: -19.674 $\pm$ 0.025 χ^2 /NDF:1613.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.843 $\pm$ 0.016 χ^2 /NDF: 138965.9/28

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.079+/-0.057 χ^2/NDF : 453.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.718+/-0.052 χ^2/NDF : 1247.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

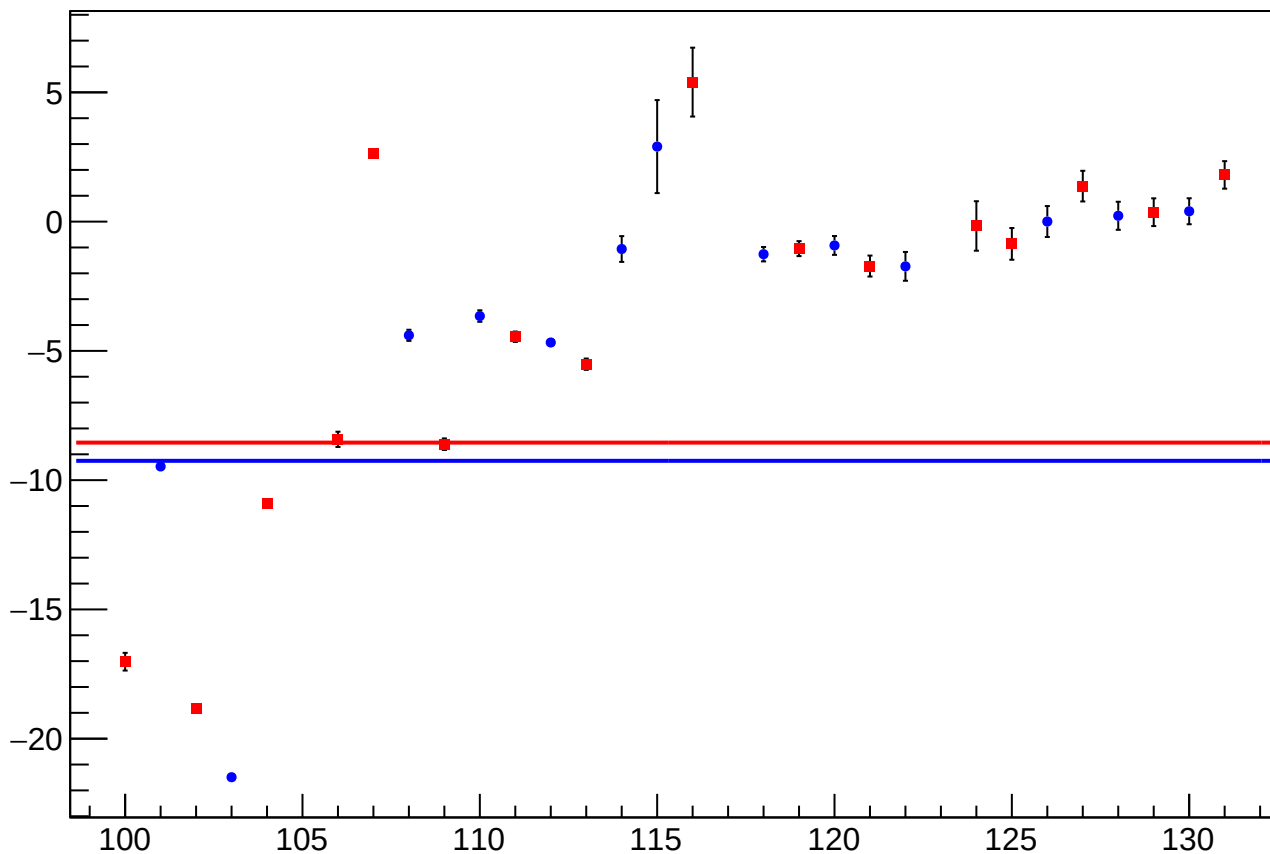
Right: -0.885+/-0.038 χ^2/NDF : 1722.3/28

In: -1.079+/-0.057 χ^2/NDF : 453.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.885+/-0.038 χ^2/NDF : 1722.3/28

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.252+/-0.059 χ^2 /NDF: 12247.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.547+/-0.060 χ^2 /NDF: 13620.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

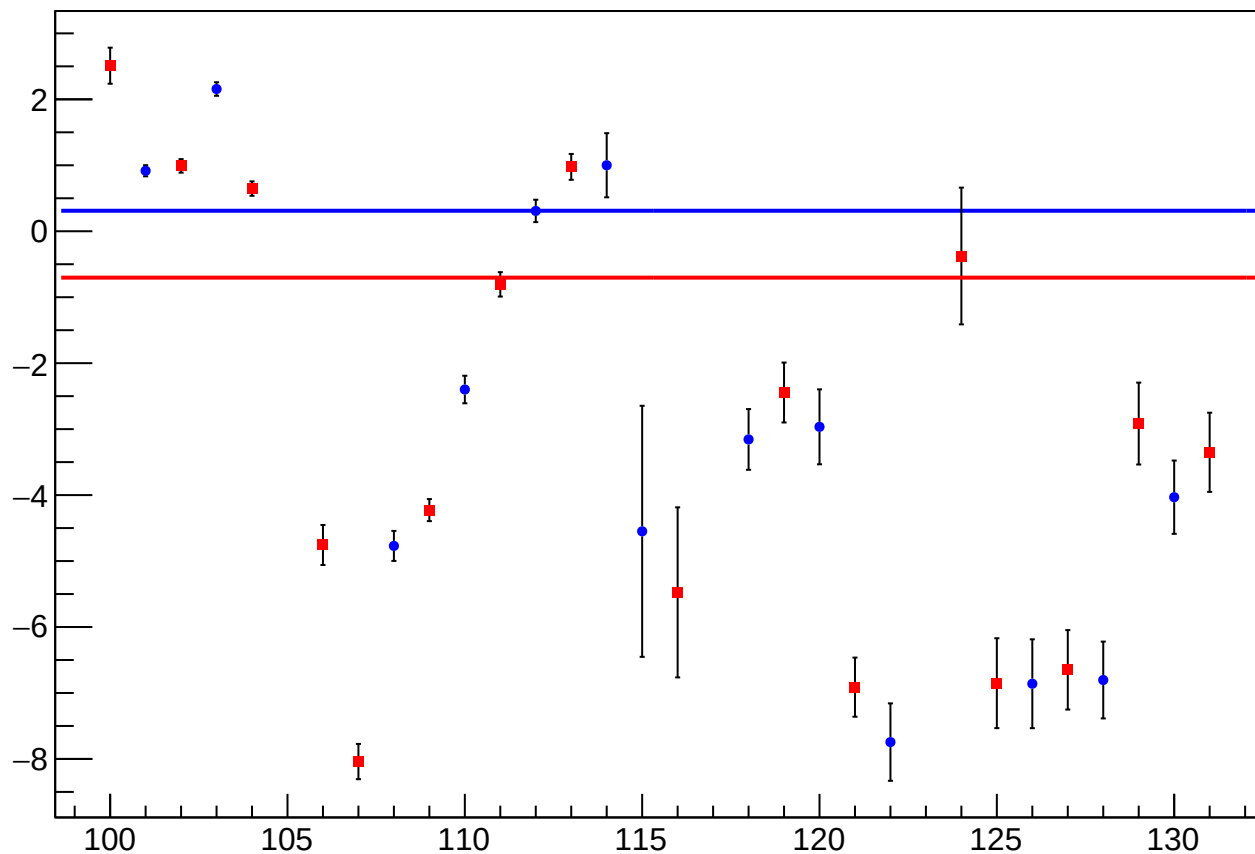
Right: -8.905+/-0.042 χ^2 /NDF: 25938.2/28

In: -9.252+/-0.059 χ^2 /NDF:12247.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.905+/-0.042 χ^2 /NDF: 25938.2/28

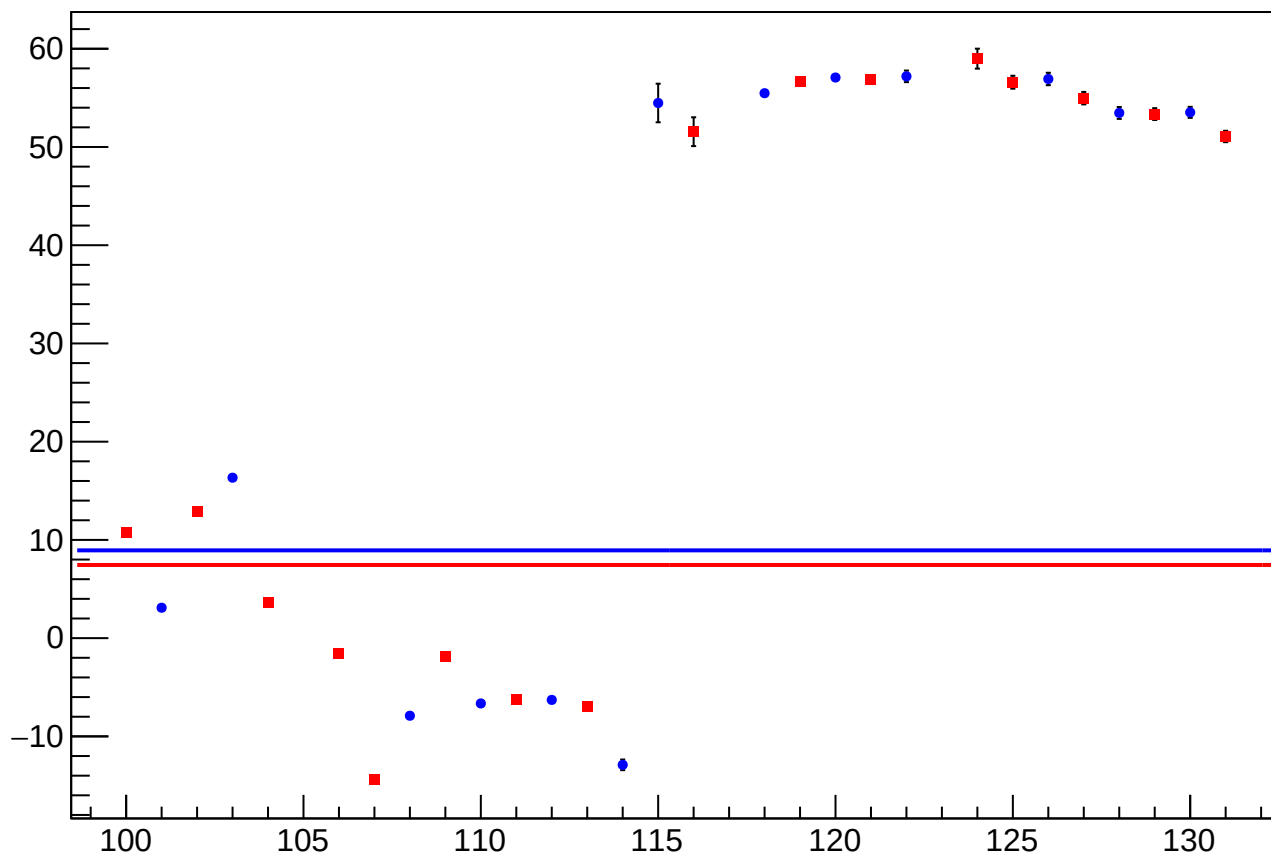
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.311 $\pm$ 0.055 χ^2 /NDF: 1651.2/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.703 $\pm$ 0.055 χ^2 /NDF: 2443.3/15
 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: -0.192 $\pm$ 0.039 χ^2 /NDF: 4265.2/28
 In: 0.311 $\pm$ 0.055 χ^2 /NDF:1651.2/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.192 $\pm$ 0.039 χ^2 /NDF: 4265.2/28

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.937+/-0.071 χ^2/NDF : 71034.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.448+/-0.071 χ^2/NDF : 77117.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

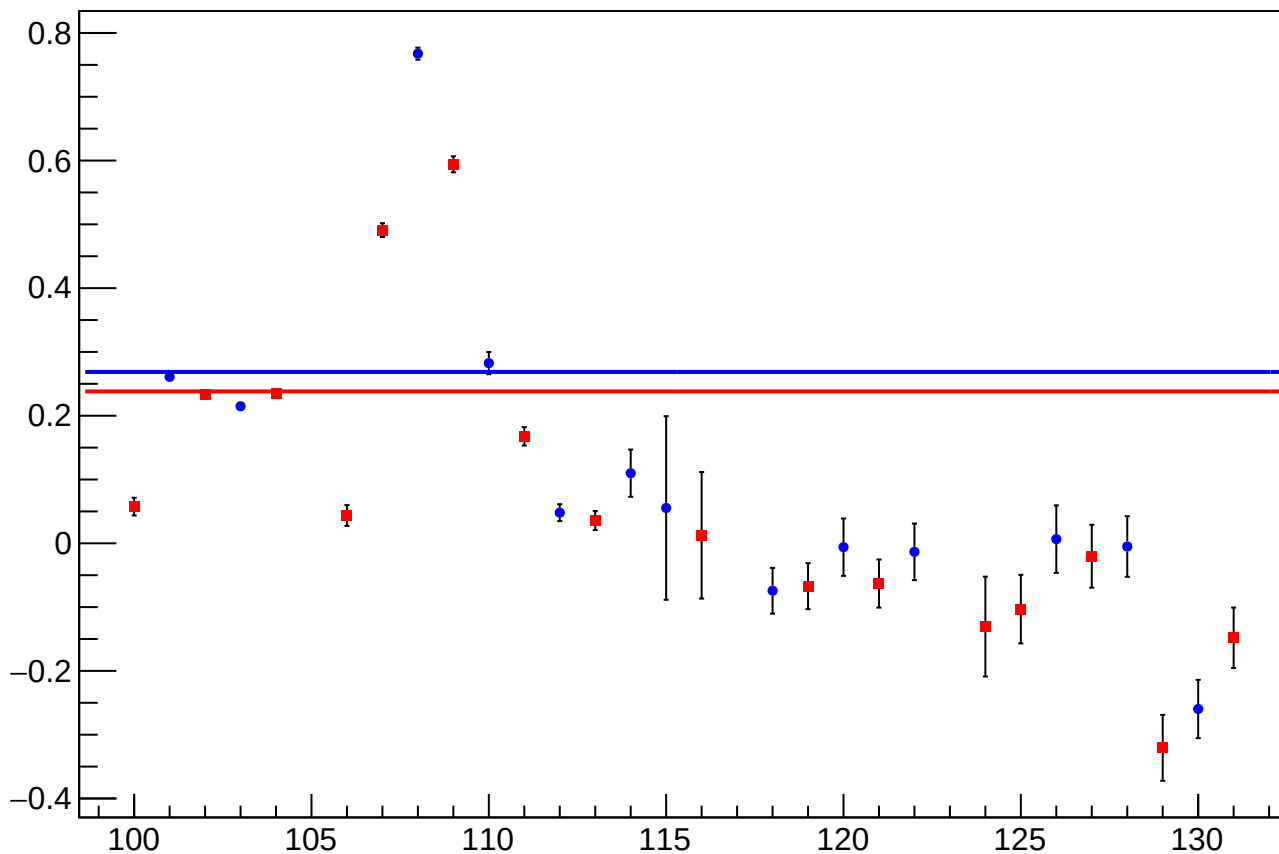
Right: 8.191+/-0.050 χ^2/NDF : 148370.2/28

In: 8.937+/-0.071 χ^2/NDF : 71034.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.191+/-0.050 χ^2/NDF : 148370.2/28

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.269+/-0.003 χ^2/NDF : 3618.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.238+/-0.003 χ^2/NDF : 2276.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

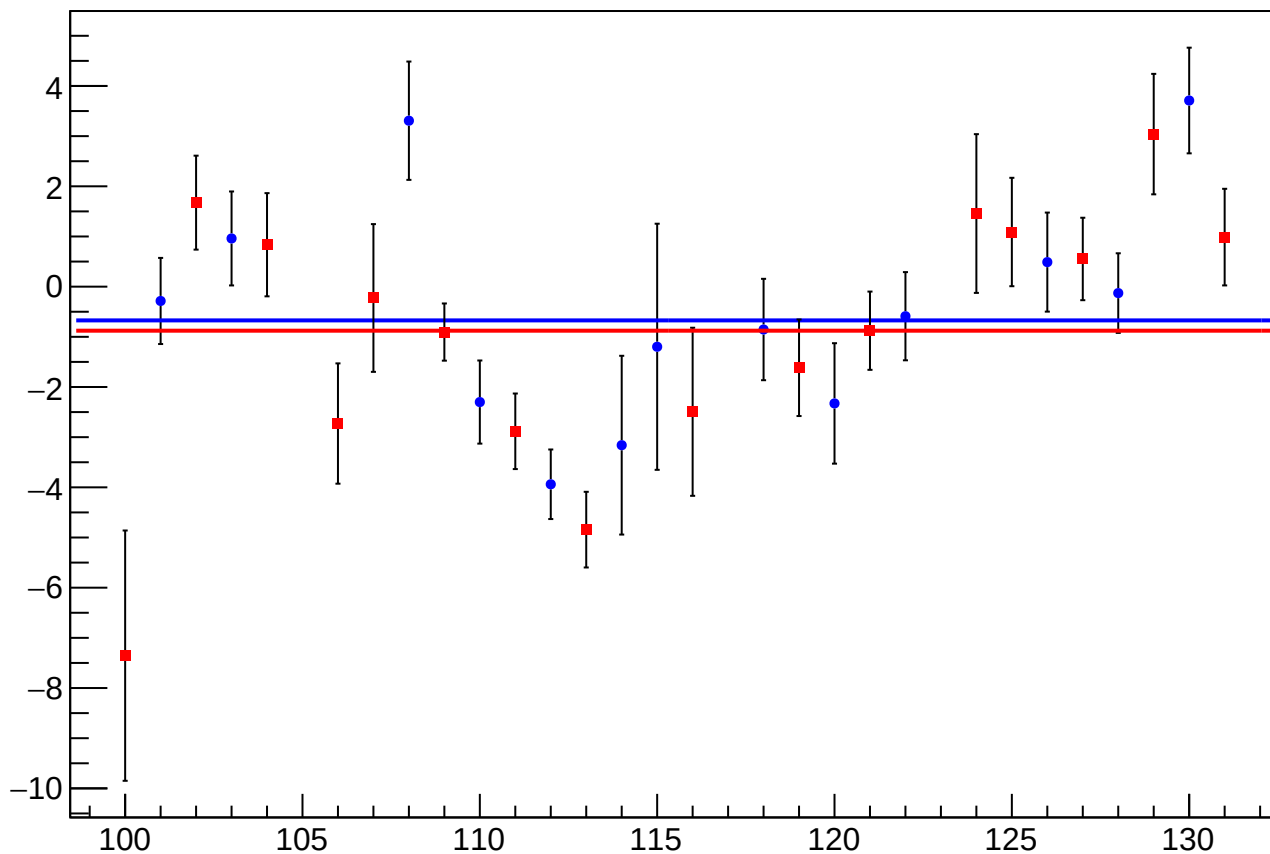
Right: 0.253+/-0.002 χ^2/NDF : 5951.5/28

In: 0.269+/-0.003 χ^2/NDF : 3618.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.253+/-0.002 χ^2/NDF : 5951.5/28

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.673 ± 0.270 χ^2/NDF : 63.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.878 ± 0.238 χ^2/NDF : 78.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

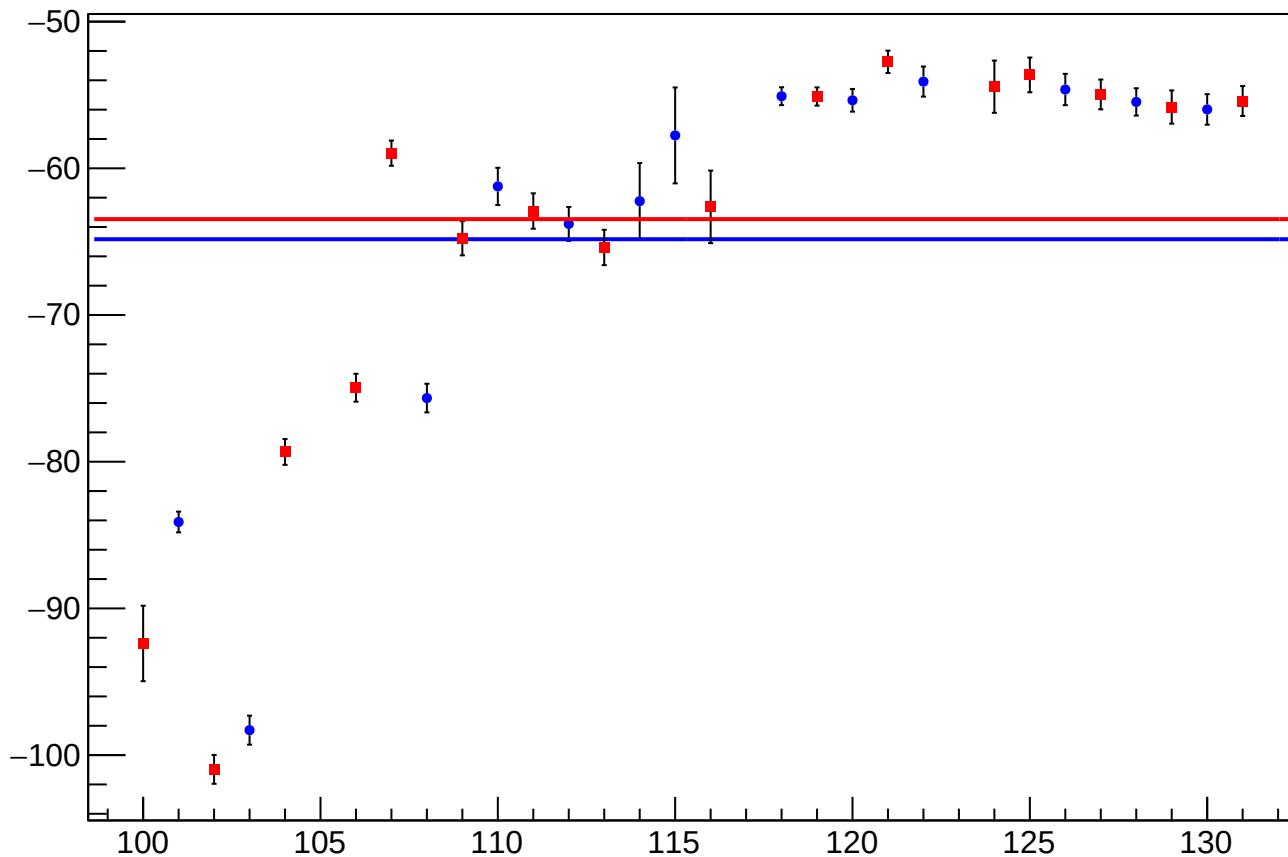
Right: -0.788 ± 0.179 χ^2/NDF : 142.9/28

In: -0.673 ± 0.270 χ^2/NDF : 63.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.788 ± 0.179 χ^2/NDF : 142.9/28

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.833+/-0.268 χ^2/NDF : 2808.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -63.462+/-0.256 χ^2/NDF : 2739.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

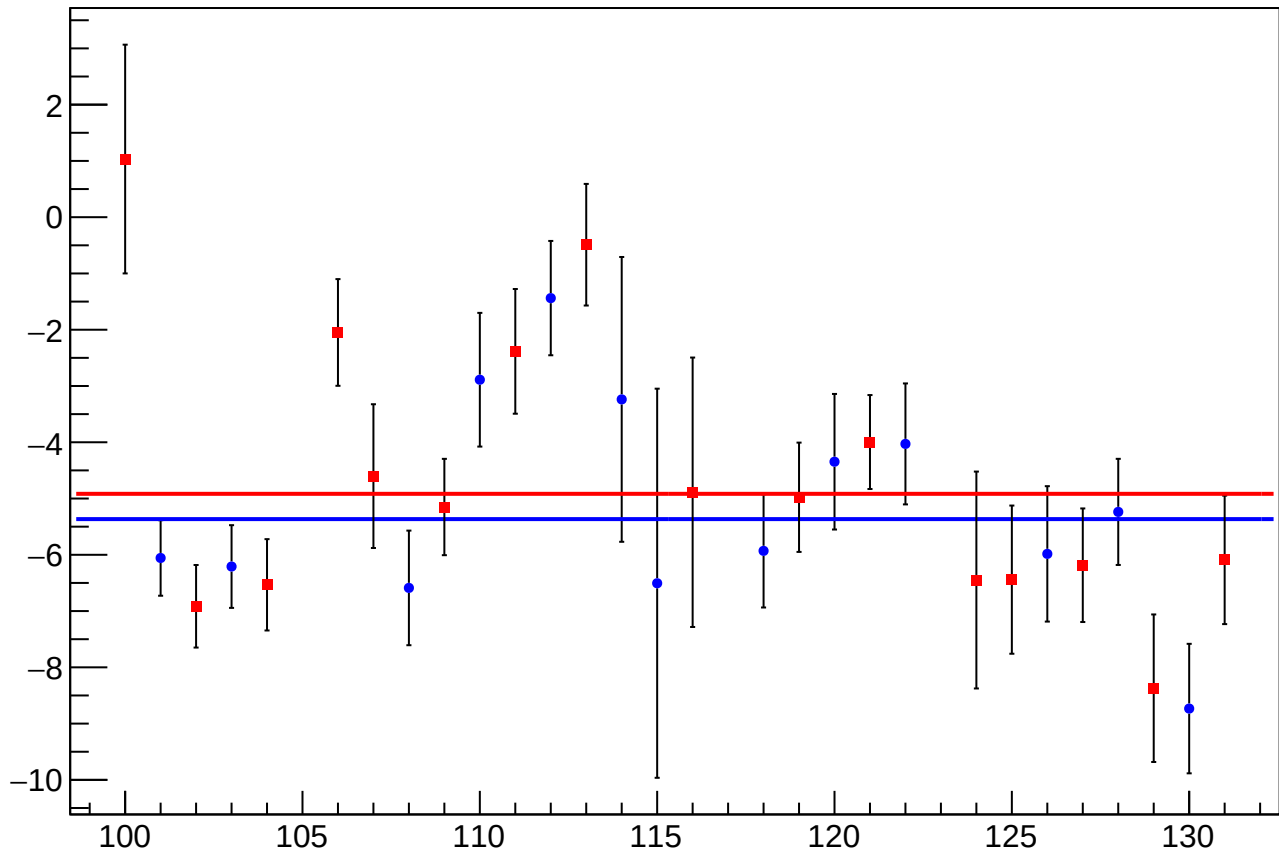
Right: -64.116+/-0.185 χ^2/NDF : 5561.5/28

In: -64.833+/-0.268 χ^2/NDF :2808.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.116+/-0.185 χ^2/NDF : 5561.5/28

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.366 ± 0.288 χ^2/NDF : 35.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.916 ± 0.265 χ^2/NDF : 64.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

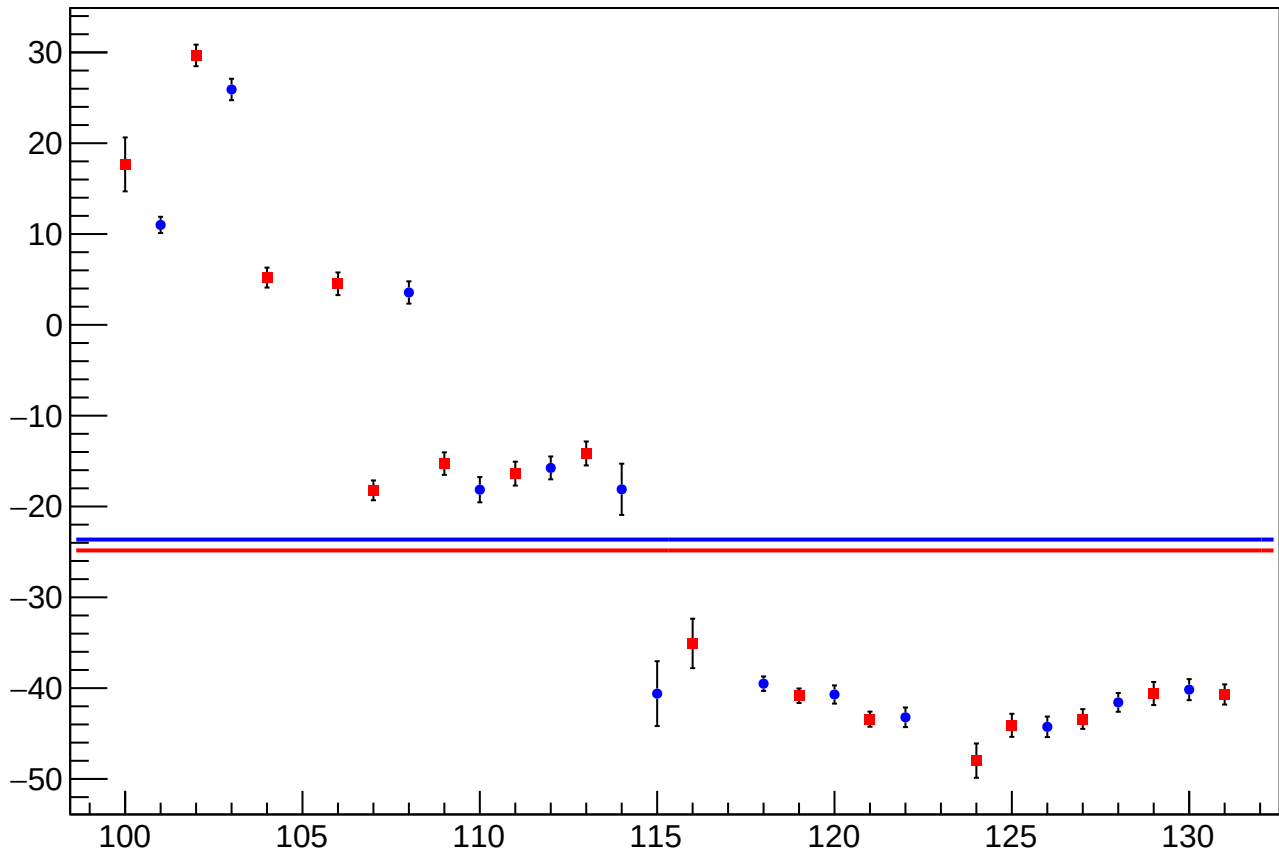
Right: -5.123 ± 0.195 χ^2/NDF : 100.7/28

In: -5.366 ± 0.288 χ^2/NDF : 35.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.123 ± 0.195 χ^2/NDF : 100.7/28

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.641 $\pm$ 0.318 χ^2 /NDF: 5691.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.839 $\pm$ 0.298 χ^2 /NDF: 5768.0/15

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

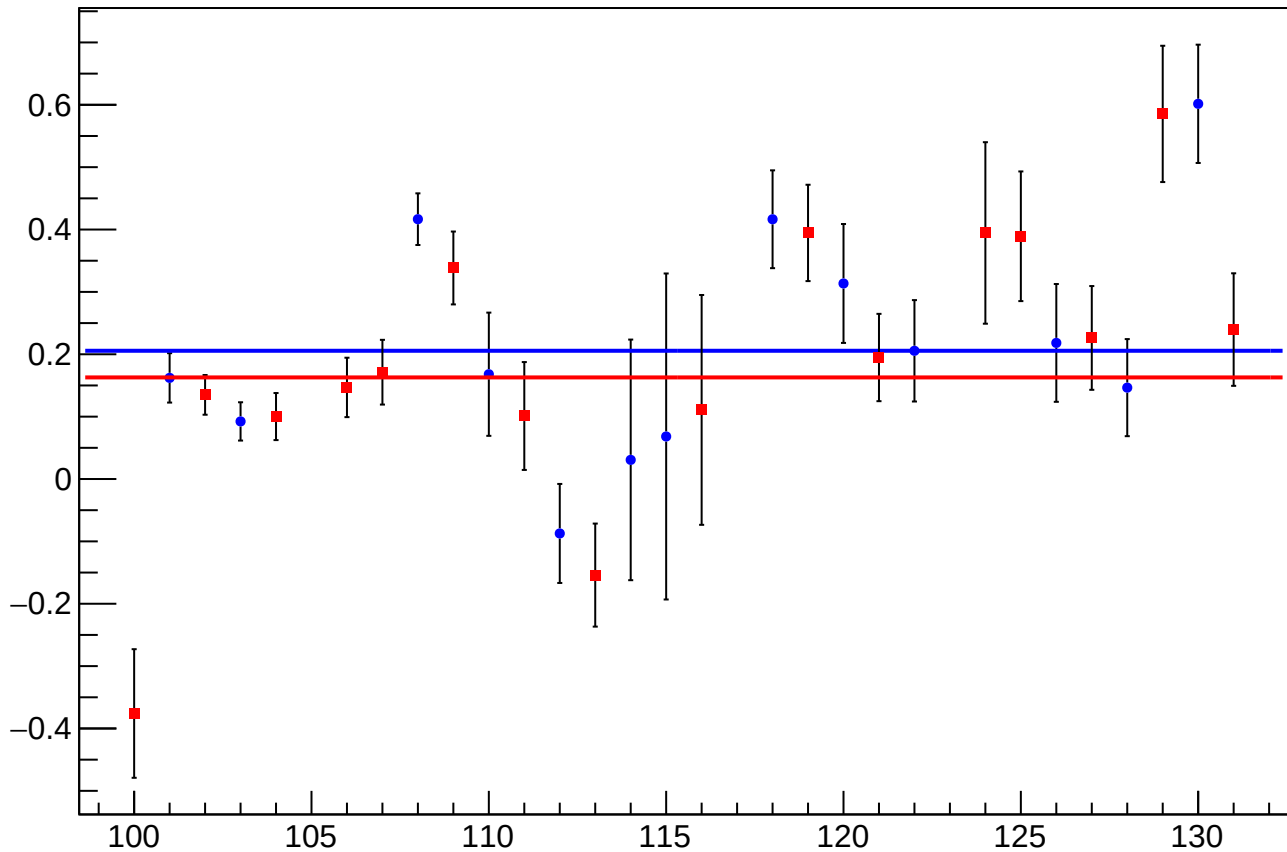
Right: -24.279 $\pm$ 0.217 χ^2 /NDF: 11467.2/28

In: -23.641 $\pm$ 0.318 χ^2 /NDF:5691.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.279 $\pm$ 0.217 χ^2 /NDF: 11467.2/28

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.017 χ^2 /NDF: 82.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.163 $\pm$ 0.016 χ^2 /NDF: 88.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

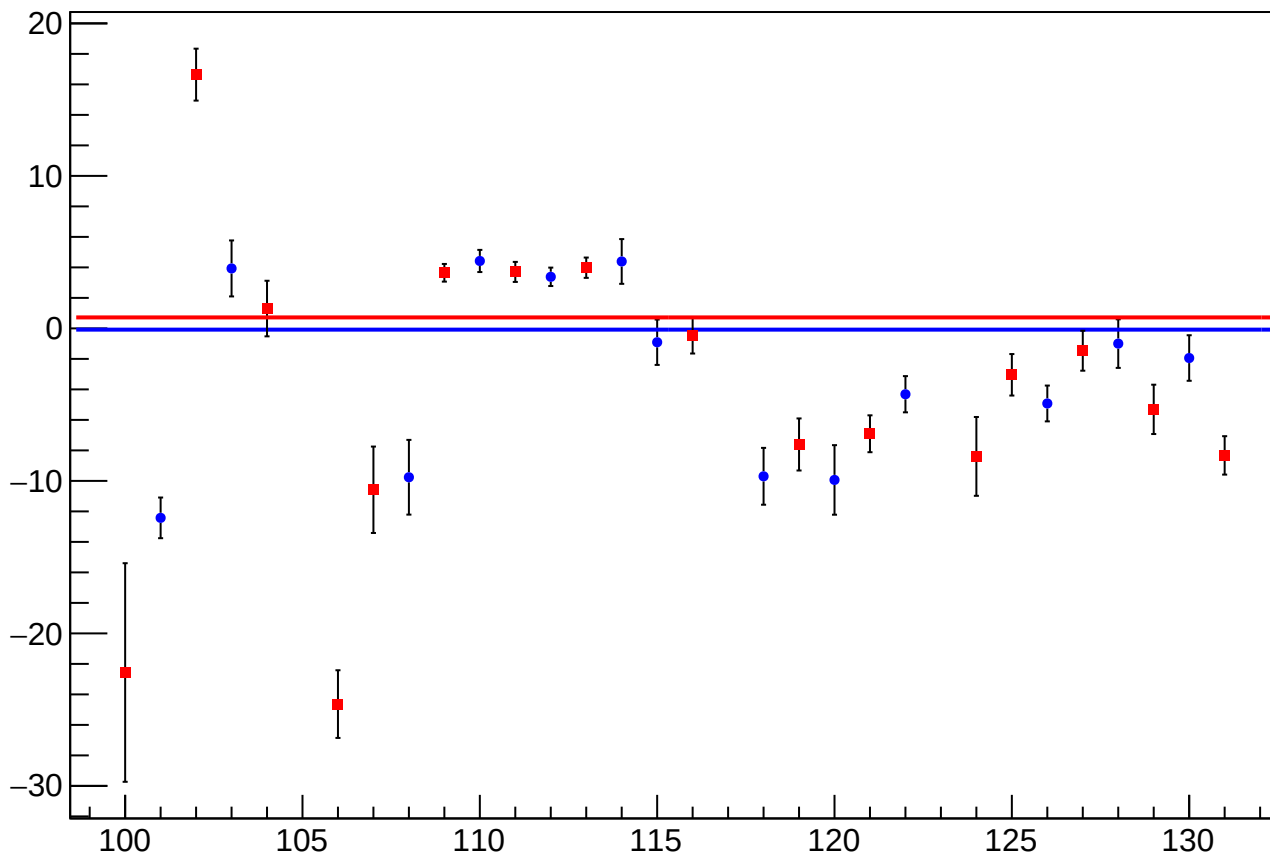
Right: 0.182 $\pm$ 0.012 χ^2 /NDF: 173.6/28

In: 0.206 $\pm$ 0.017 χ^2 /NDF:82.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.182 $\pm$ 0.012 χ^2 /NDF: 173.6/28

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.327 χ^2/NDF : 263.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.720 ± 0.282 χ^2/NDF : 467.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

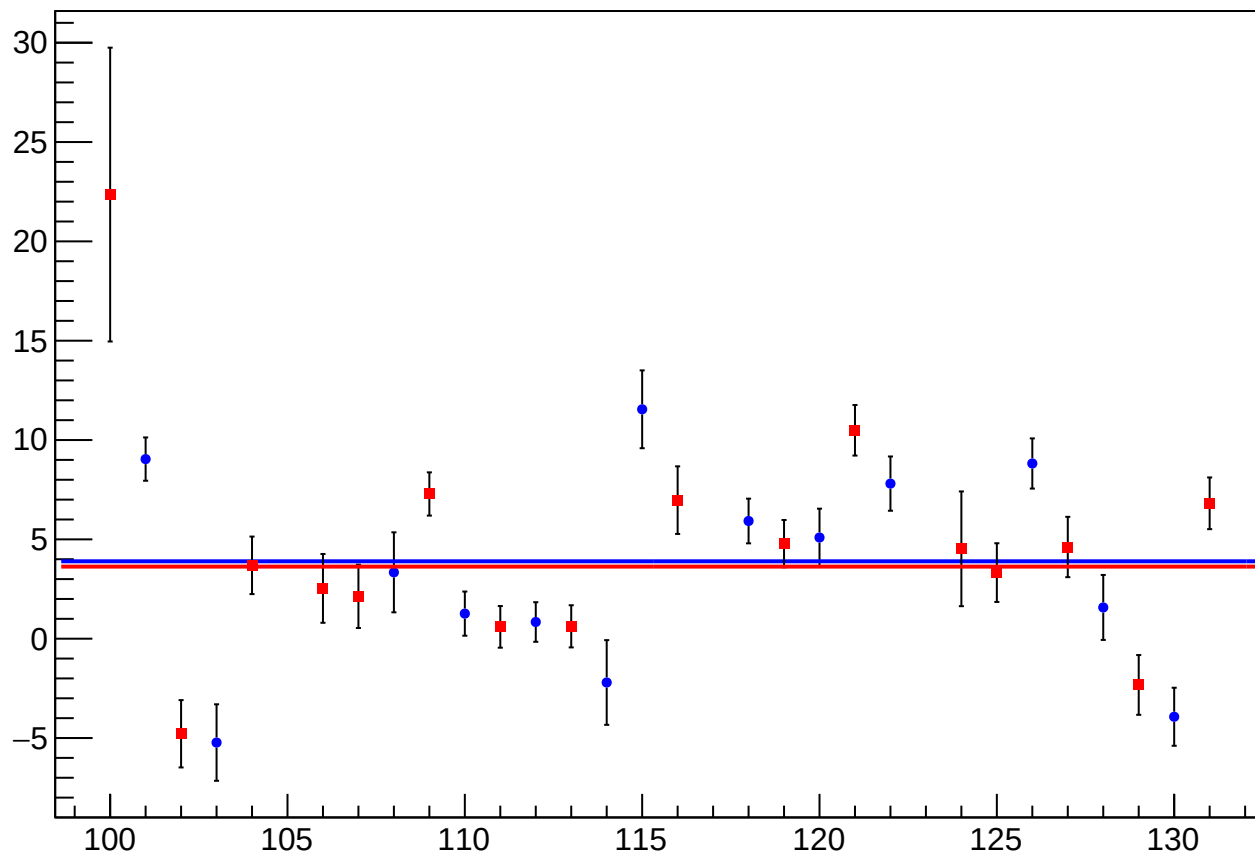
Right: 0.379 ± 0.214 χ^2/NDF : 735.0/28

In: -0.081 ± 0.327 χ^2/NDF : 263.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.379 ± 0.214 χ^2/NDF : 735.0/28

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.896+/-0.380 χ^2/NDF : 141.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.629+/-0.355 χ^2/NDF : 116.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

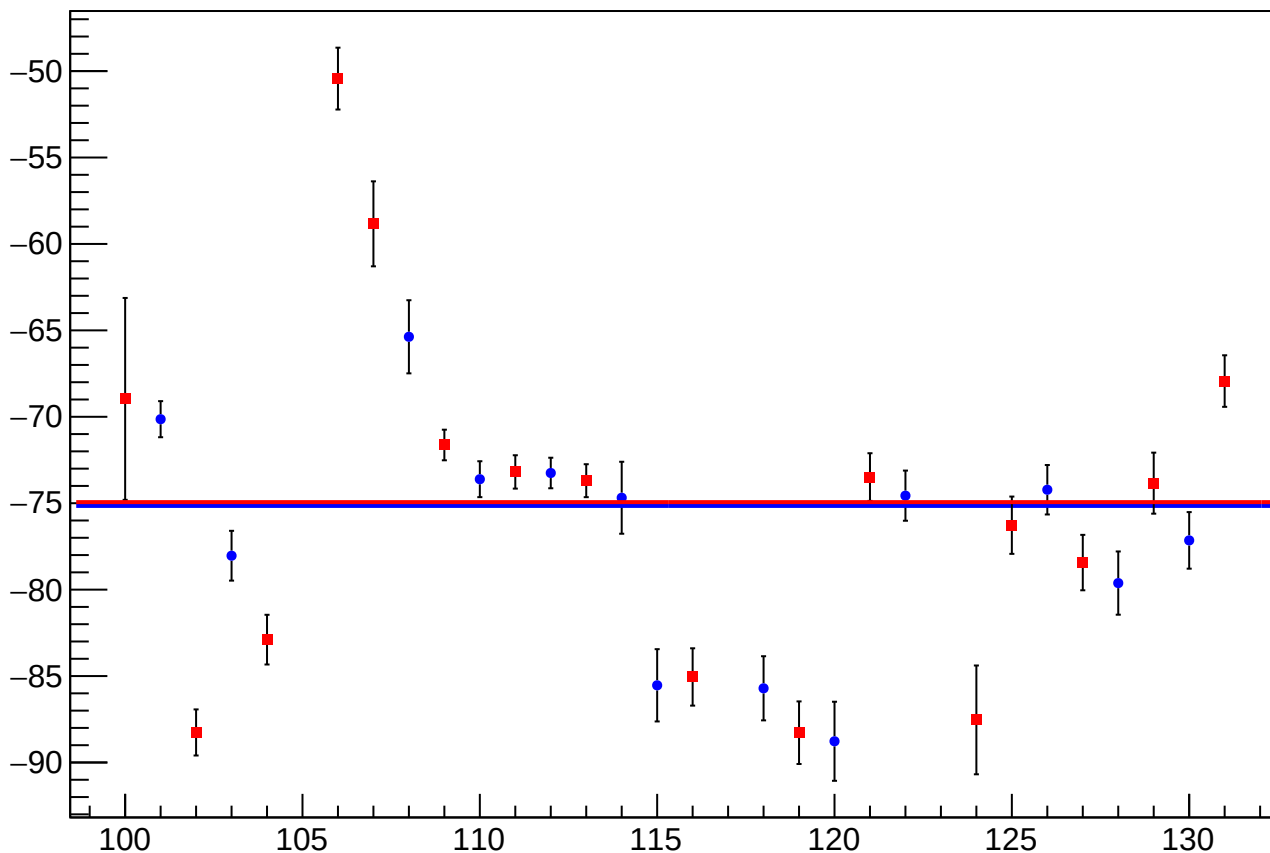
Right: 3.753+/-0.259 χ^2/NDF : 257.8/28

In: 3.896+/-0.380 χ^2/NDF : 141.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.753+/-0.259 χ^2/NDF : 257.8/28

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -75.156 ± 0.395 χ^2/NDF : 155.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.937 ± 0.358 χ^2/NDF : 517.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

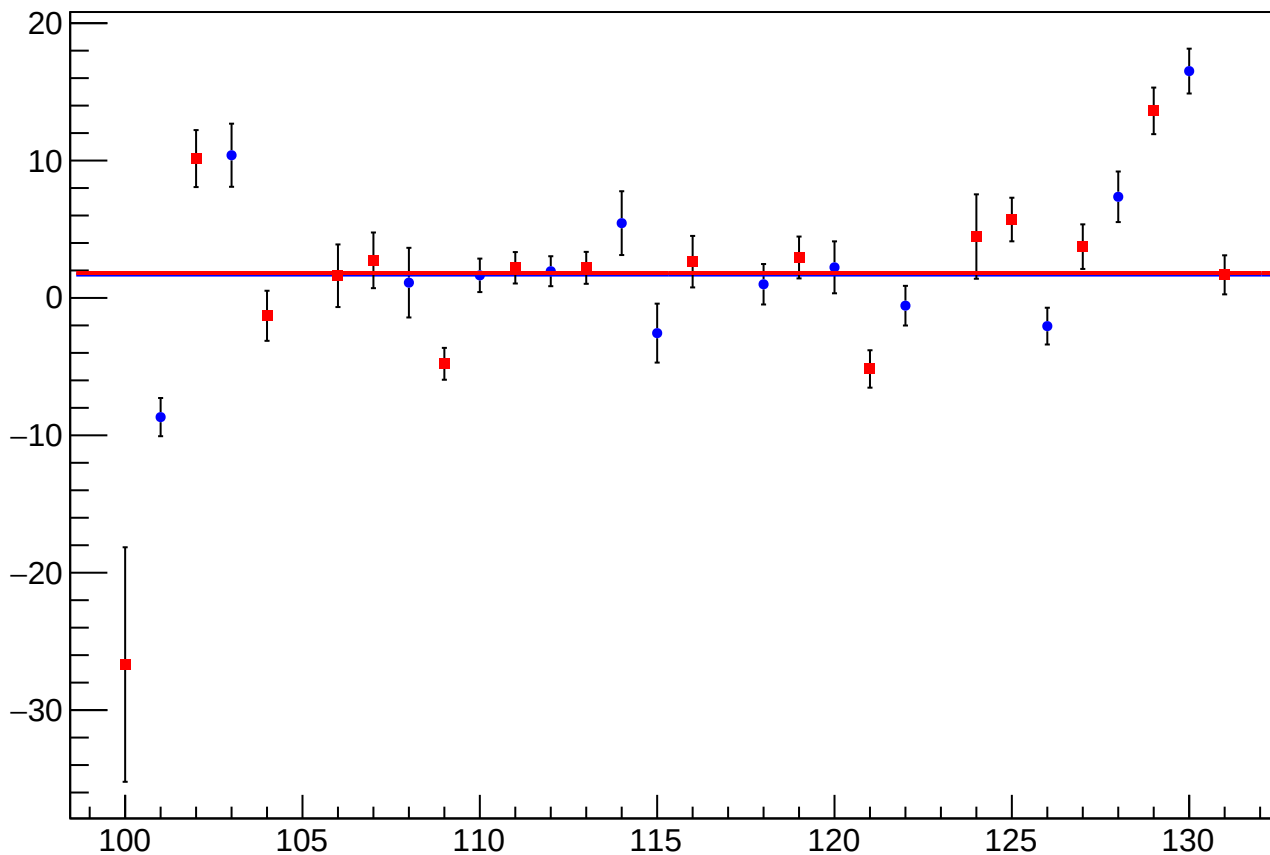
Right: -75.035 ± 0.265 χ^2/NDF : 673.3/28

In: -75.156 ± 0.395 χ^2/NDF : 155.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.035 ± 0.265 χ^2/NDF : 673.3/28

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.701+/-0.437 χ^2/NDF : 179.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.815+/-0.401 χ^2/NDF : 146.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

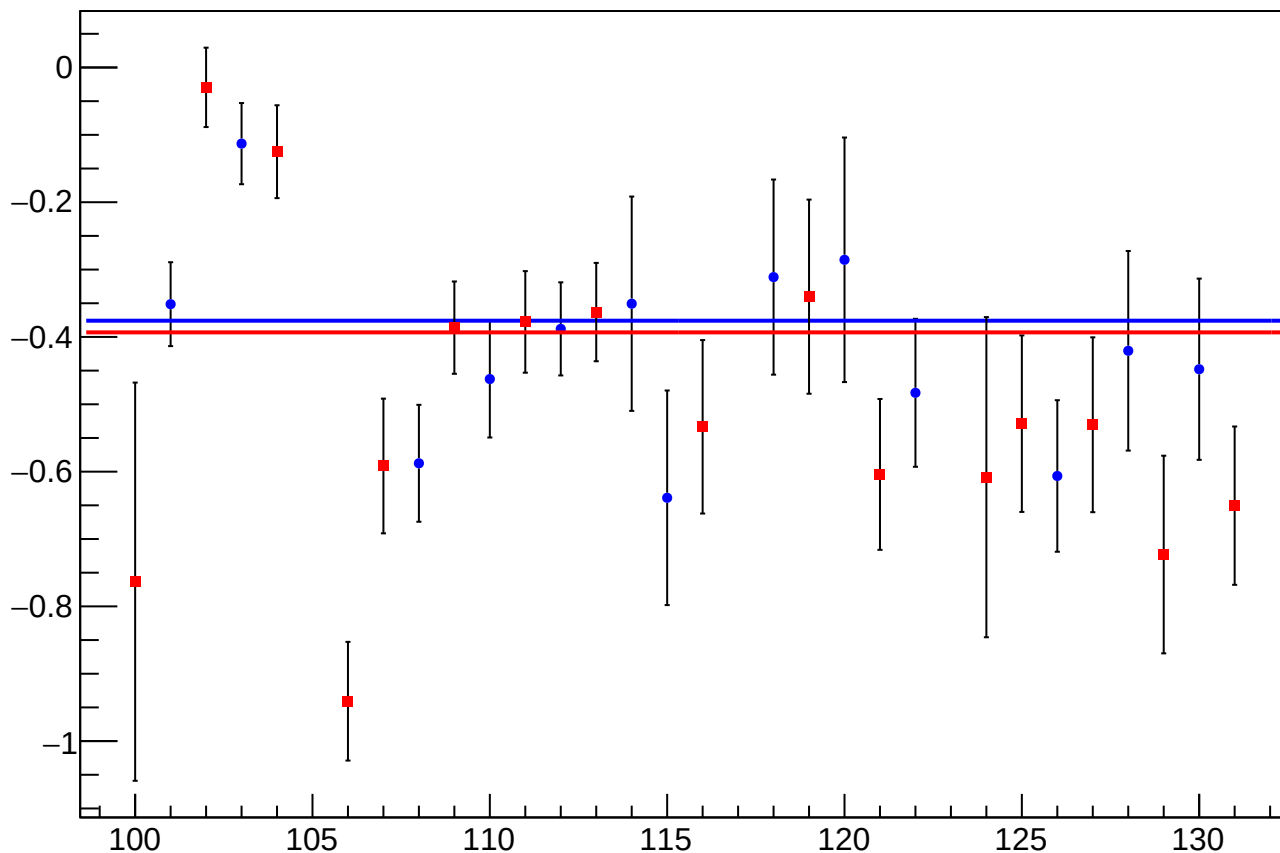
Right: 1.763+/-0.296 χ^2/NDF : 325.9/28

In: 1.701+/-0.437 χ^2/NDF : 179.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.763+/-0.296 χ^2/NDF : 325.9/28

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.376 ± 0.026 χ^2/NDF : 34.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.393 ± 0.024 χ^2/NDF : 115.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

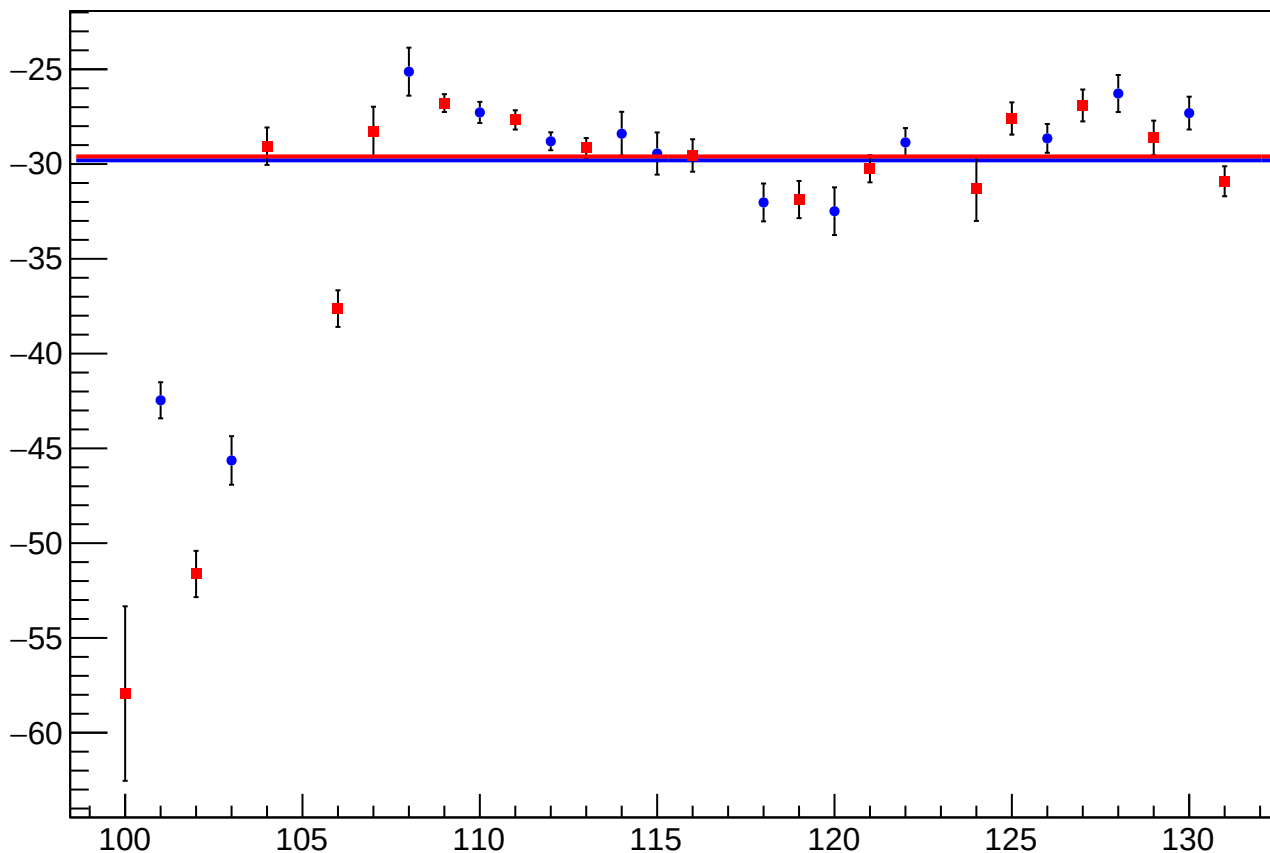
Right: -0.385 ± 0.018 χ^2/NDF : 150.4/28

In: -0.376 ± 0.026 χ^2/NDF : 34.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.385 ± 0.018 χ^2/NDF : 150.4/28

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.804+/-0.229 χ^2/NDF : 404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -29.599+/-0.197 χ^2/NDF : 512.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

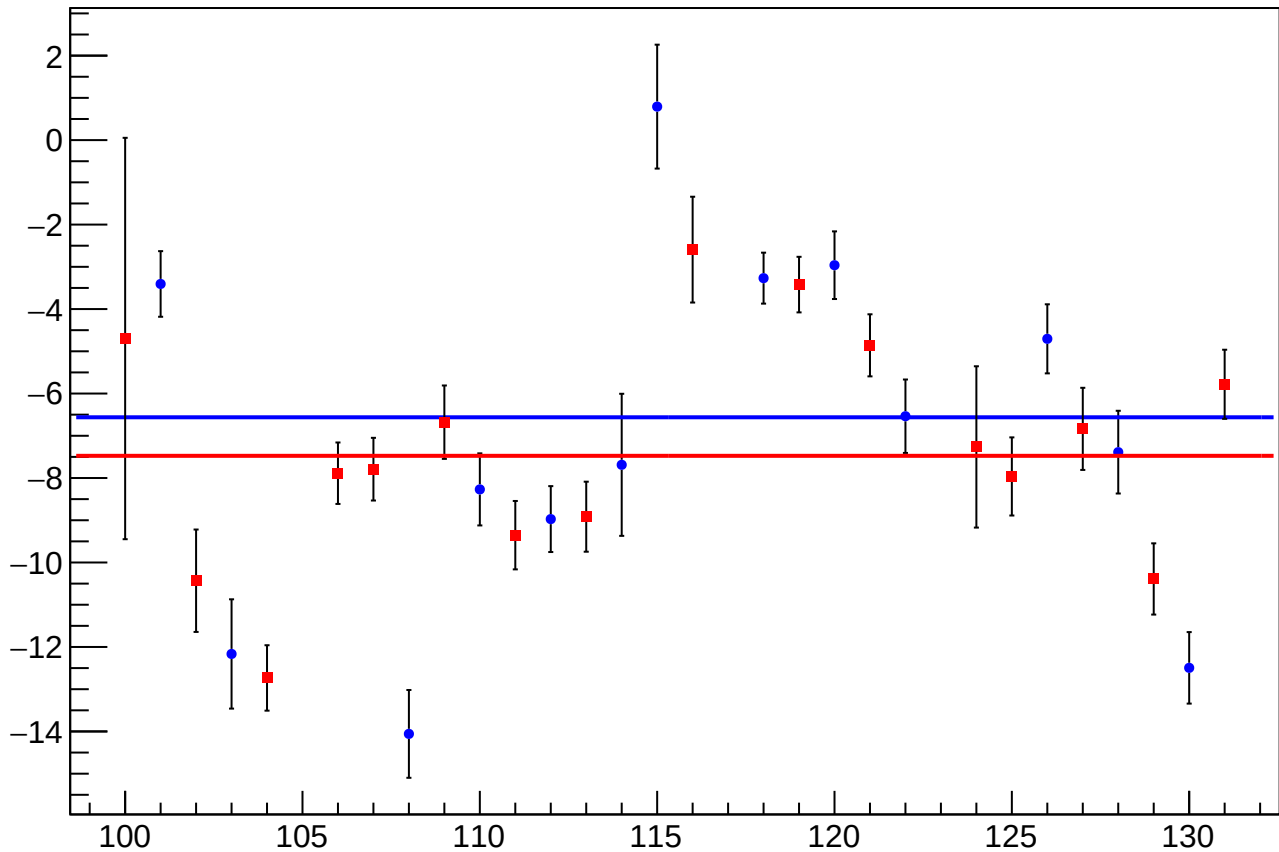
Right: -29.686+/-0.149 χ^2/NDF : 917.0/28

In: -29.804+/-0.229 χ^2/NDF :404.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.686+/-0.149 χ^2/NDF : 917.0/28

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.562 $\pm$ 0.246 χ^2 /NDF: 231.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.475 $\pm$ 0.220 χ^2 /NDF: 144.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

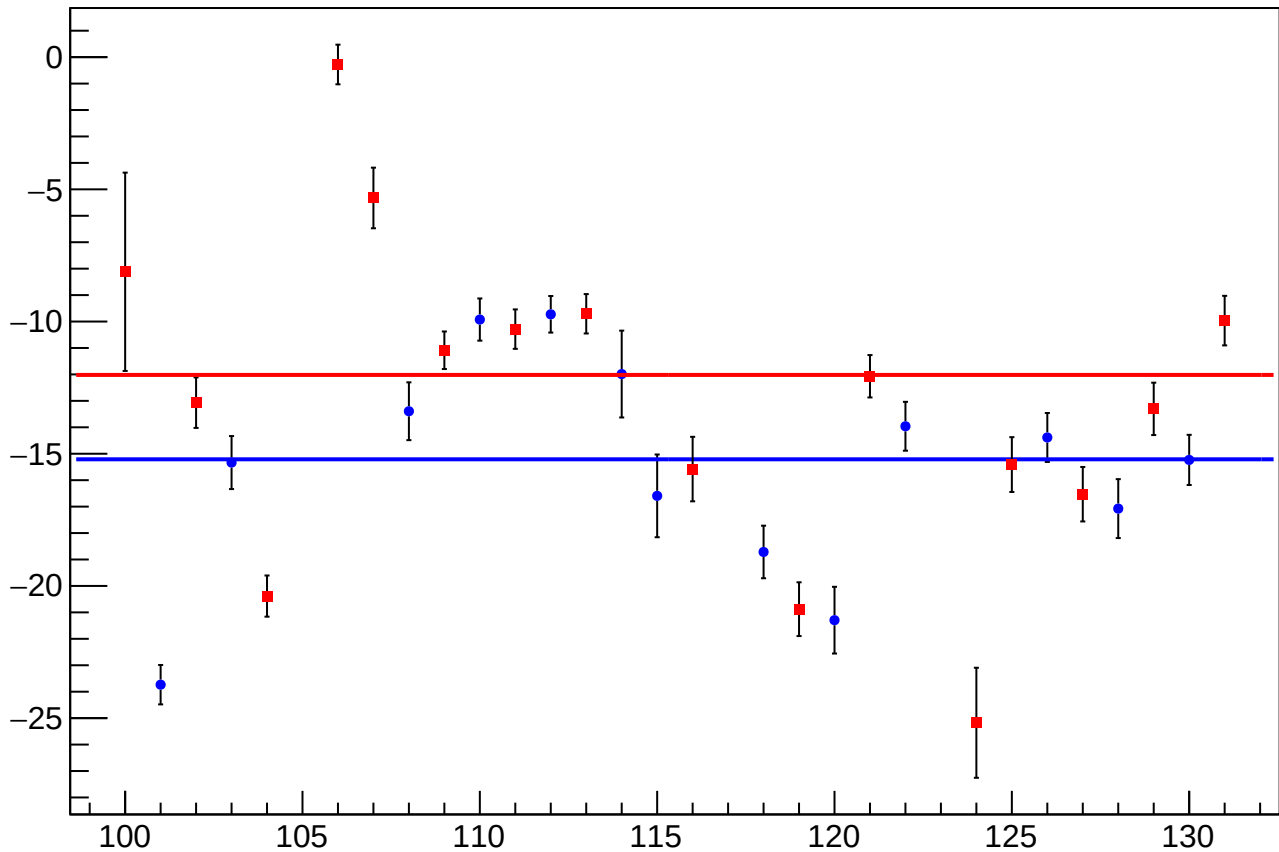
Right: -7.068 $\pm$ 0.164 χ^2 /NDF: 384.0/28

In: -6.562 $\pm$ 0.246 χ^2 /NDF:231.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.068 $\pm$ 0.164 χ^2 /NDF: 384.0/28

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.211 ± 0.268 χ^2/NDF : 286.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.019 ± 0.233 χ^2/NDF : 574.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

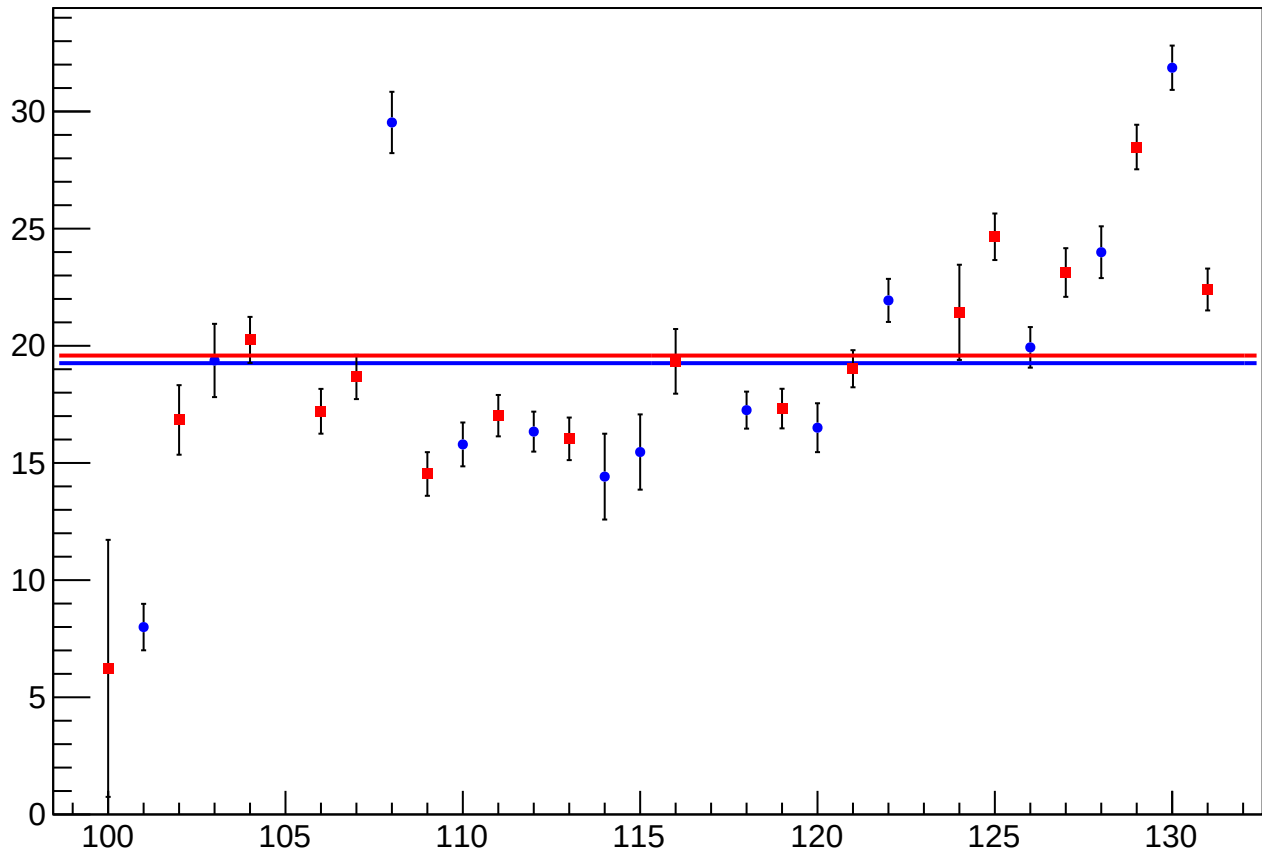
Right: -13.397 ± 0.176 χ^2/NDF : 941.6/28

In: -15.211 ± 0.268 χ^2/NDF : 286.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.397 ± 0.176 χ^2/NDF : 941.6/28

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.259+/-0.286 χ^2/NDF : 447.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.584+/-0.254 χ^2/NDF : 214.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

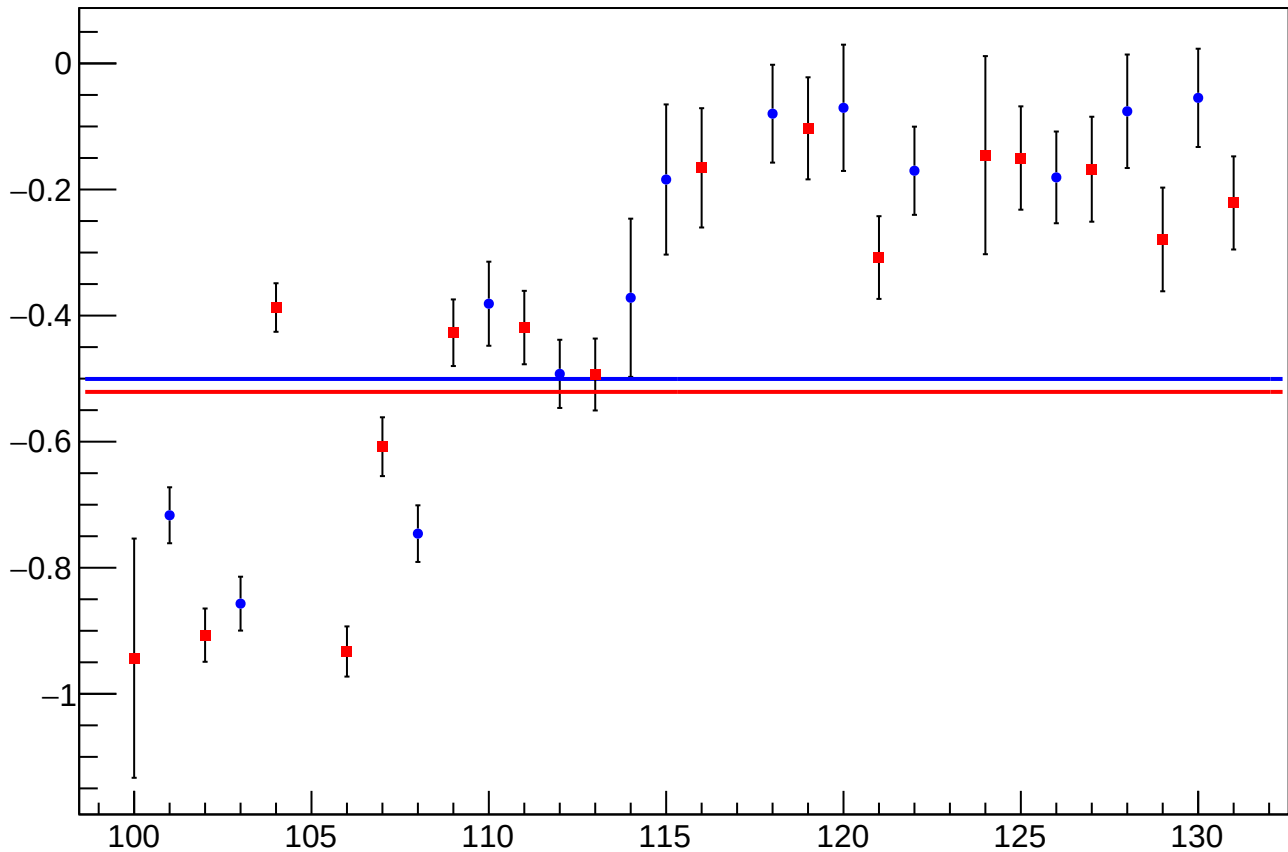
Right: 19.441+/-0.190 χ^2/NDF : 662.1/28

In: 19.259+/-0.286 χ^2/NDF : 447.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.441+/-0.190 χ^2/NDF : 662.1/28

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.501+/-0.018 χ^2/NDF : 278.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.521+/-0.015 χ^2/NDF : 338.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

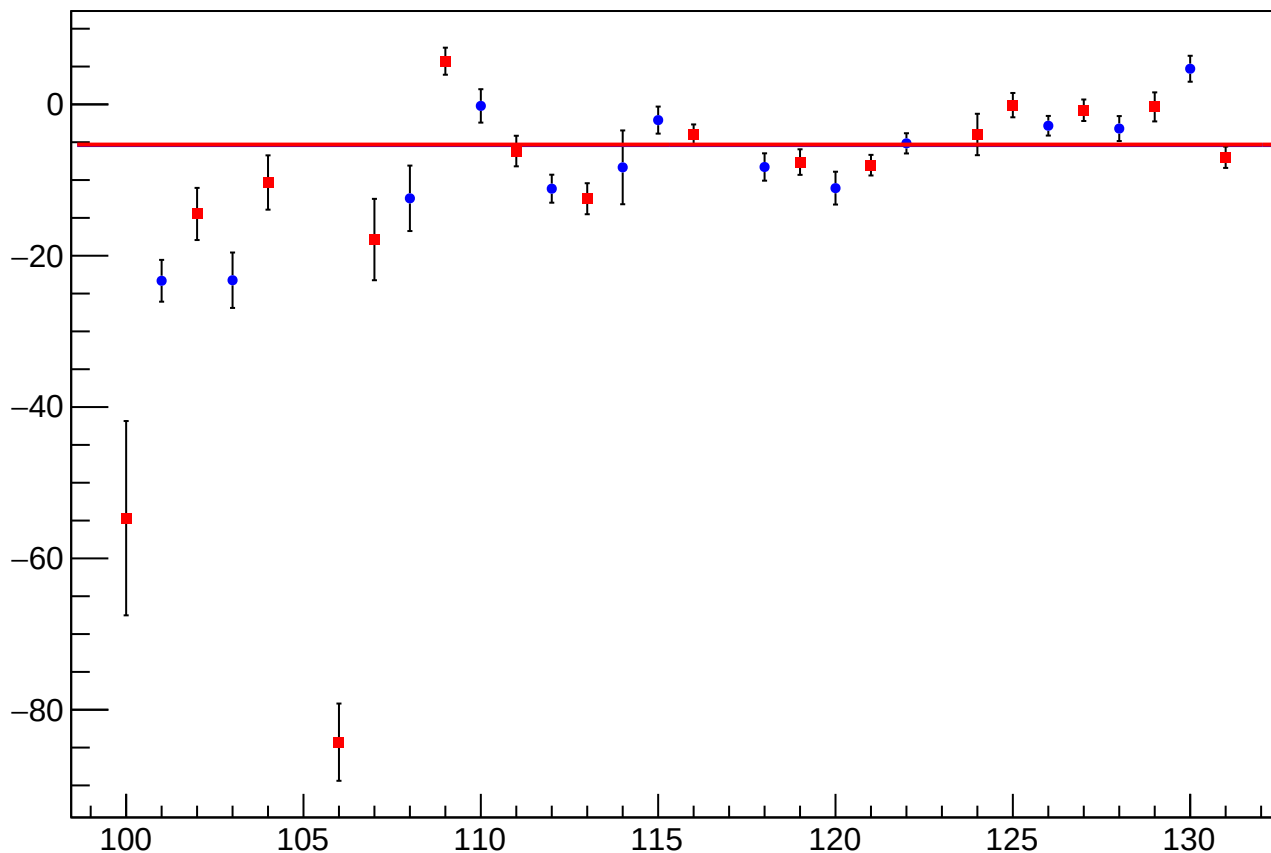
Right: -0.512+/-0.011 χ^2/NDF : 617.6/28

In: -0.501+/-0.018 χ^2/NDF : 278.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.512+/-0.011 χ^2/NDF : 617.6/28

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.375+/-0.535 χ^2 /NDF: 137.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.314+/-0.485 χ^2 /NDF: 354.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

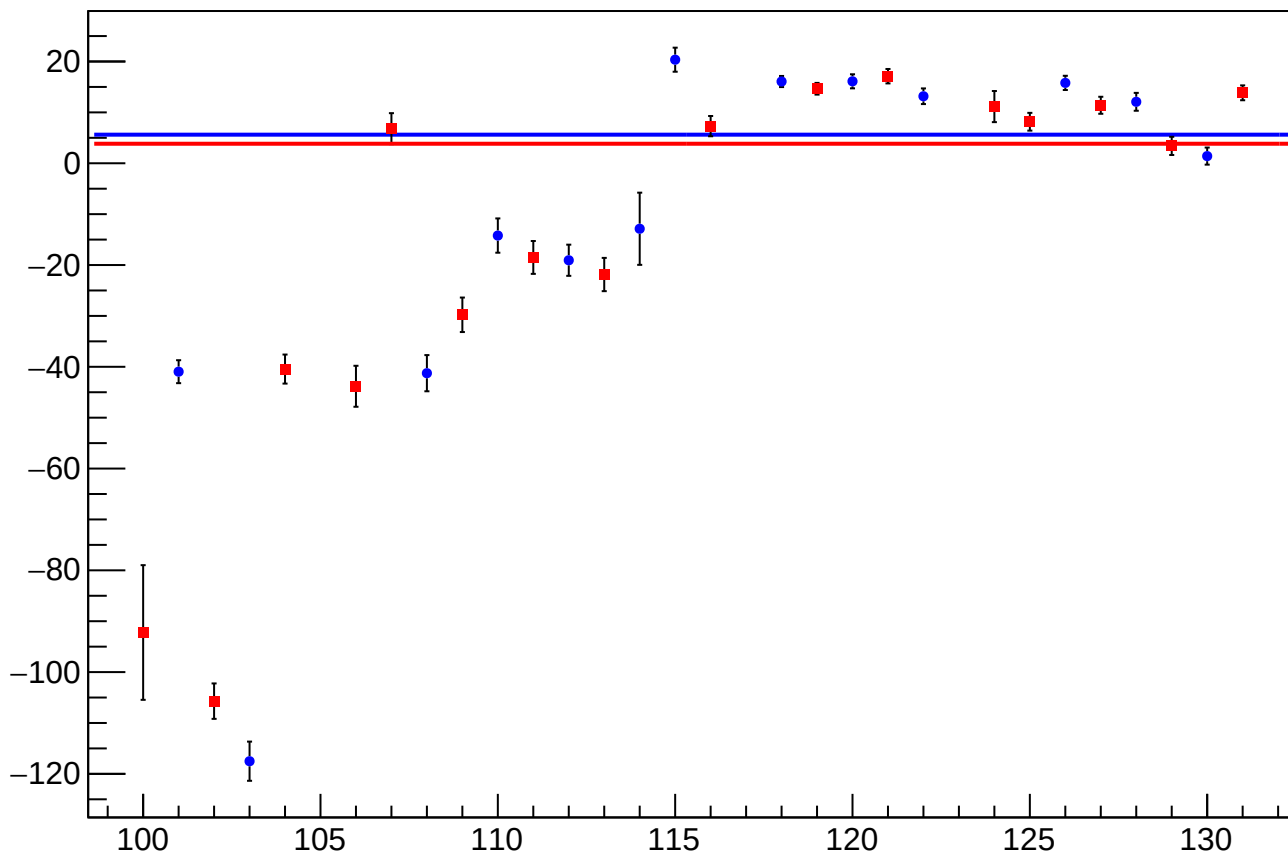
Right: -5.342+/-0.359 χ^2 /NDF: 492.2/28

In: -5.375+/-0.535 χ^2 /NDF:137.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.342+/-0.359 χ^2 /NDF: 492.2/28

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.620+/-0.519 χ^2/NDF : 2013.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.836+/-0.517 χ^2/NDF : 1891.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

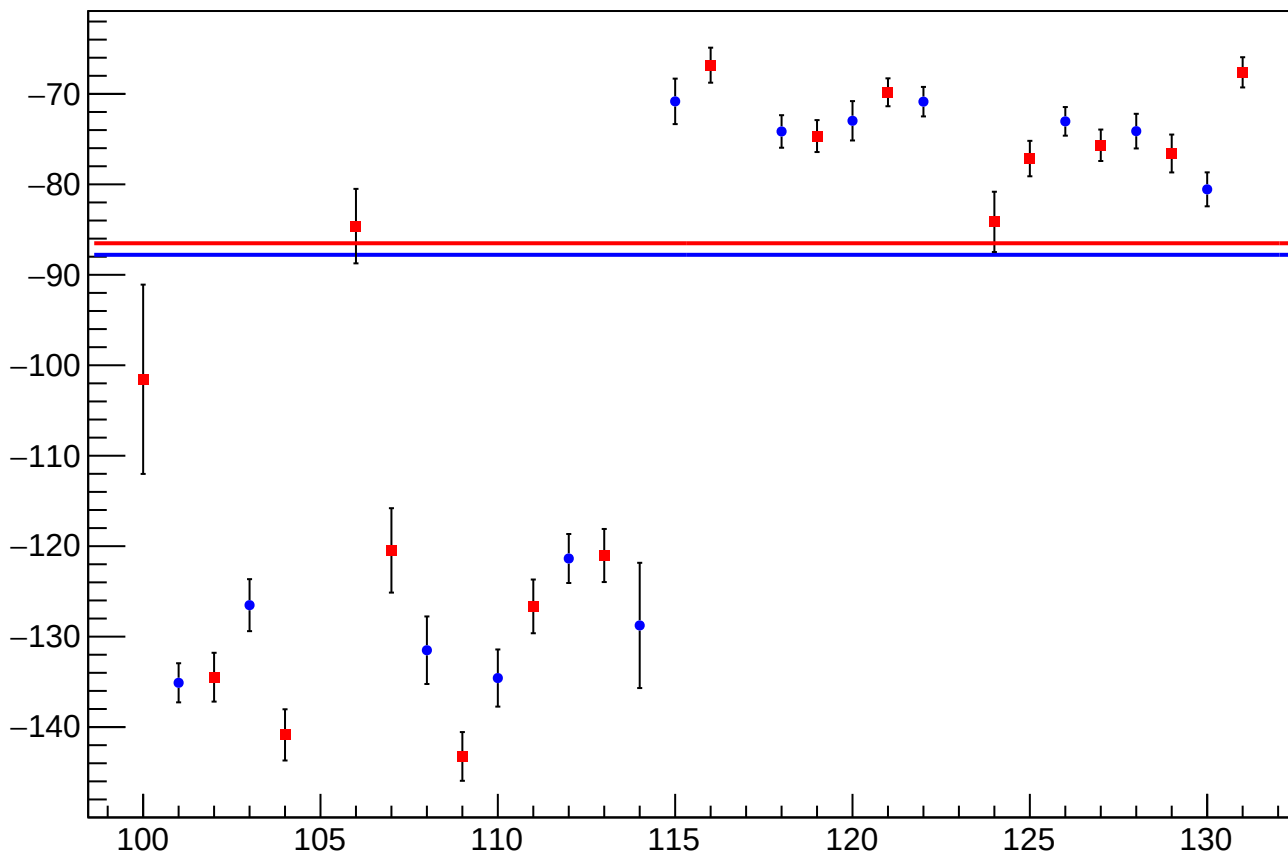
Right: 4.725+/-0.366 χ^2/NDF : 3910.6/28

In: 5.620+/-0.519 χ^2/NDF : 2013.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.725+/-0.366 χ^2/NDF : 3910.6/28

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.789 $\pm$ 0.612 χ^2 /NDF: 1615.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.512 $\pm$ 0.576 χ^2 /NDF: 1982.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

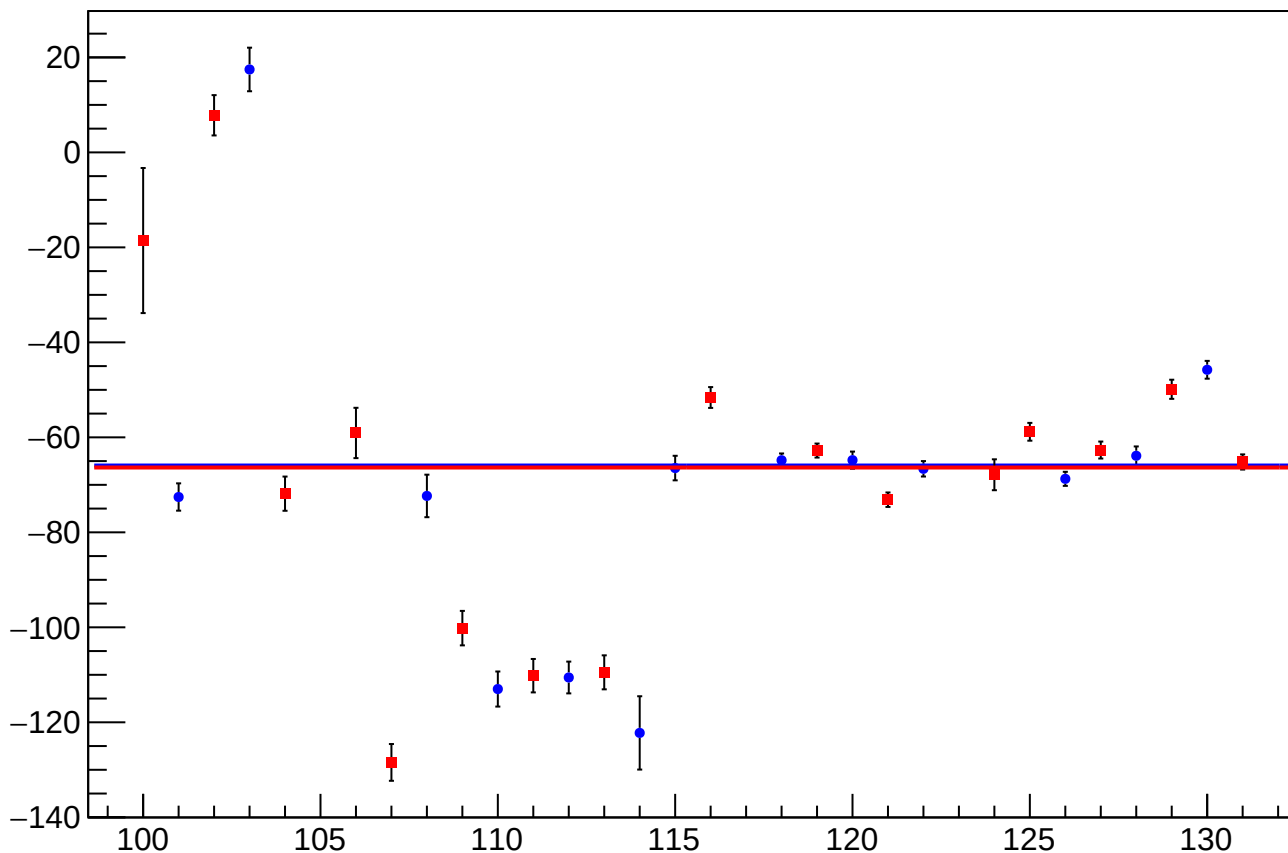
Right: -87.112 $\pm$ 0.419 χ^2 /NDF: 3600.1/28

In: -87.789 $\pm$ 0.612 χ^2 /NDF:1615.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -87.112 $\pm$ 0.419 χ^2 /NDF: 3600.1/28

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -65.934 $\pm$ 0.606 χ^2 /NDF: 852.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.352 $\pm$ 0.587 χ^2 /NDF: 1122.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

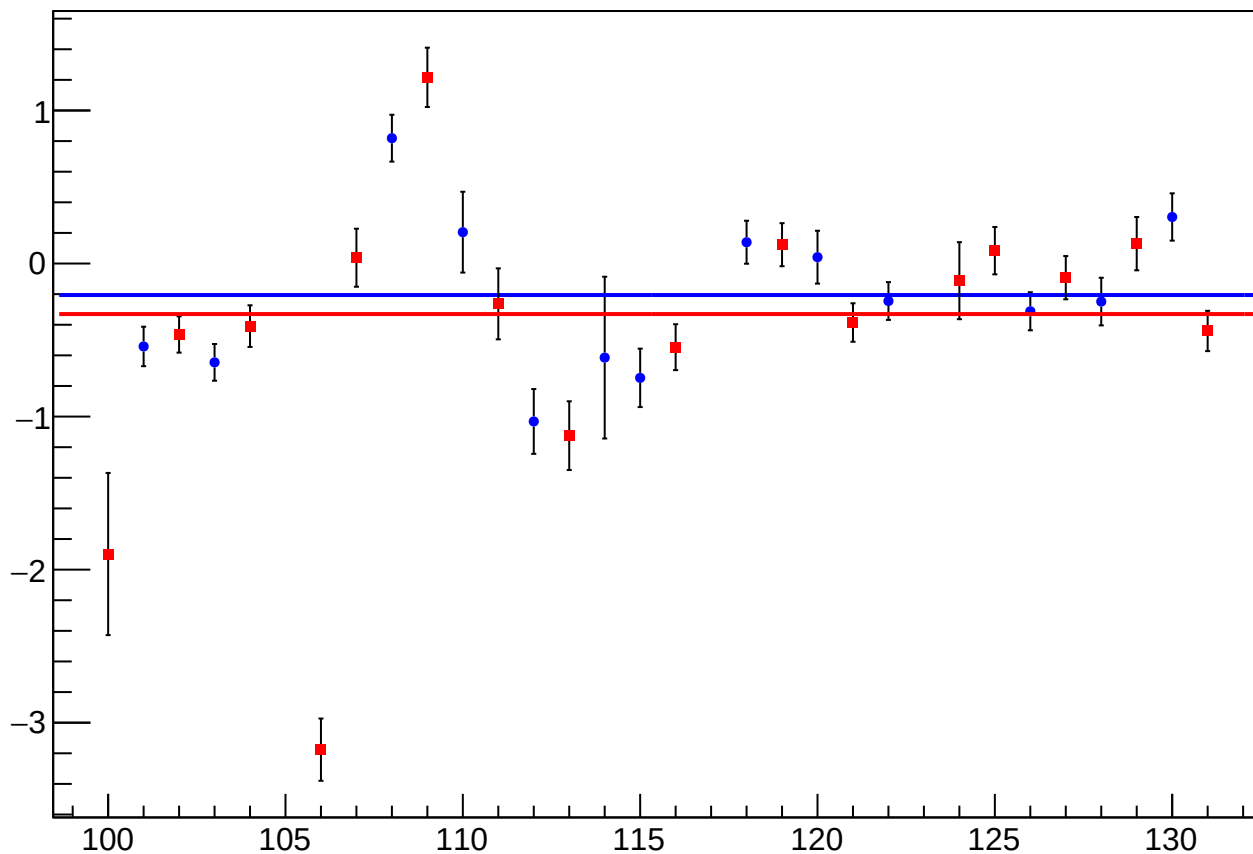
Right: -66.150 $\pm$ 0.422 χ^2 /NDF: 1975.6/28

In: -65.934 $\pm$ 0.606 χ^2 /NDF:852.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.150 $\pm$ 0.422 χ^2 /NDF: 1975.6/28

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.206+/-0.043 χ^2/NDF : 111.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.330+/-0.041 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

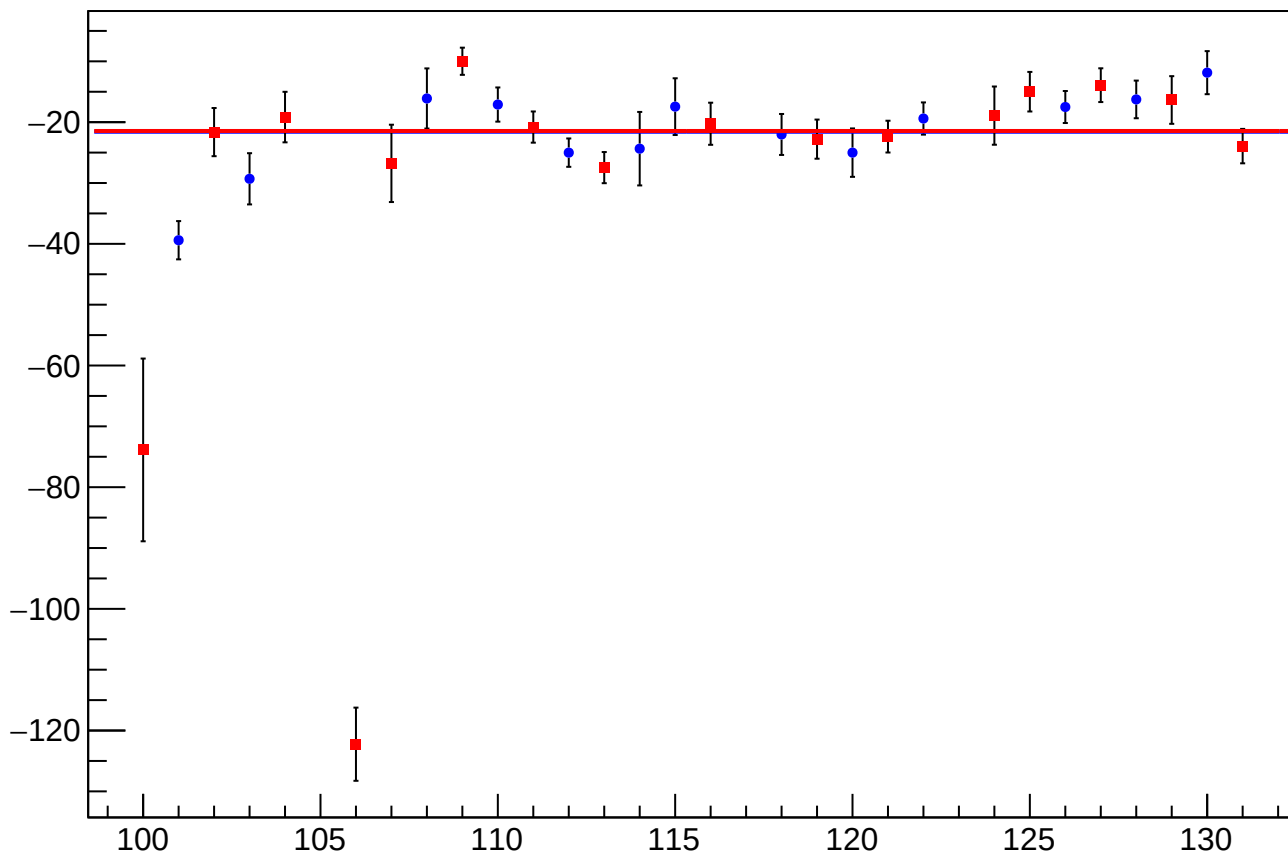
Right: -0.271+/-0.030 χ^2/NDF : 432.8/28

In: -0.206+/-0.043 χ^2/NDF : 111.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.271+/-0.030 χ^2/NDF : 432.8/28

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.570+/-0.911 χ^2/NDF : 56.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.448+/-0.825 χ^2/NDF : 340.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

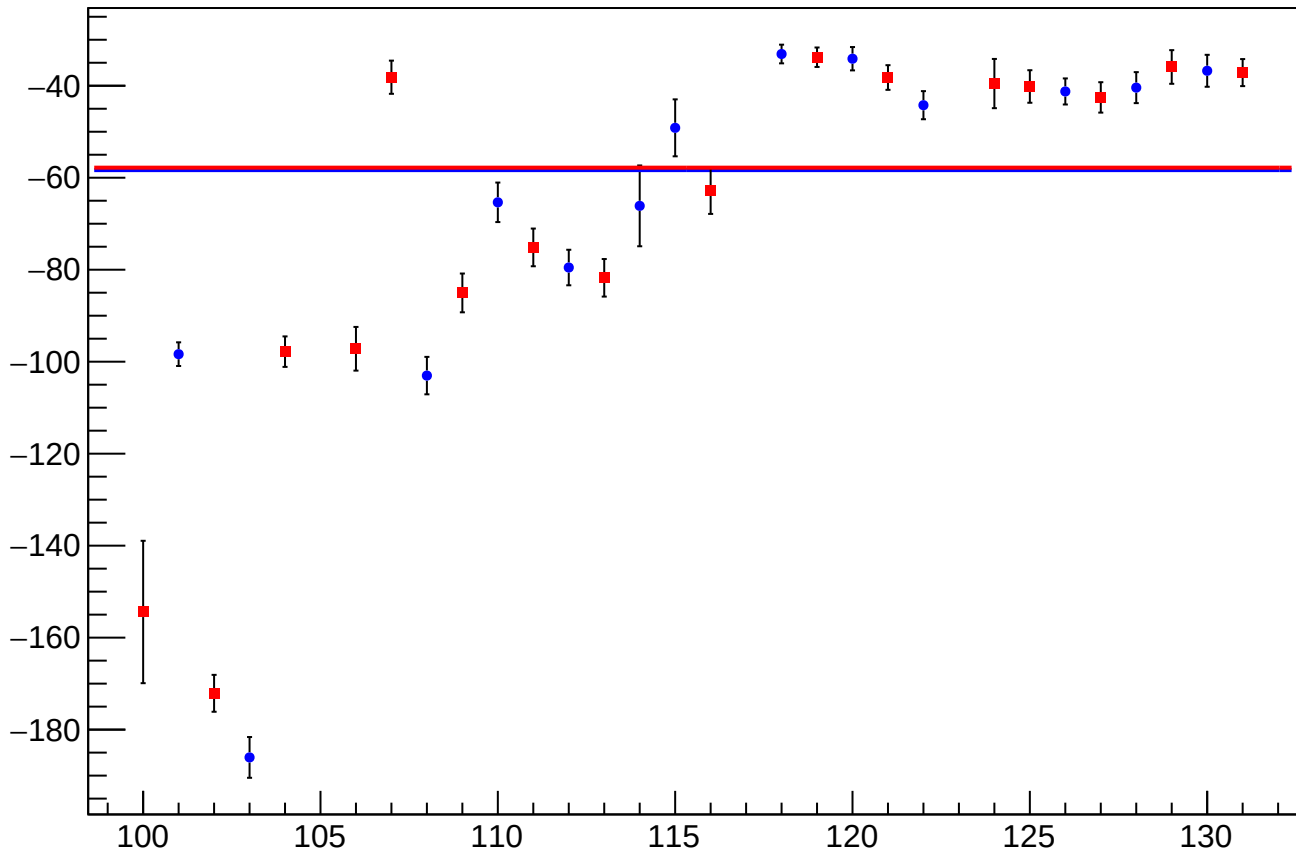
Right: -21.503+/-0.612 χ^2/NDF : 397.2/28

In: -21.570+/-0.911 χ^2/NDF : 56.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.503+/-0.612 χ^2/NDF : 397.2/28

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.346+/-0.904 χ^2/NDF : 1598.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.810+/-0.894 χ^2/NDF : 1515.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

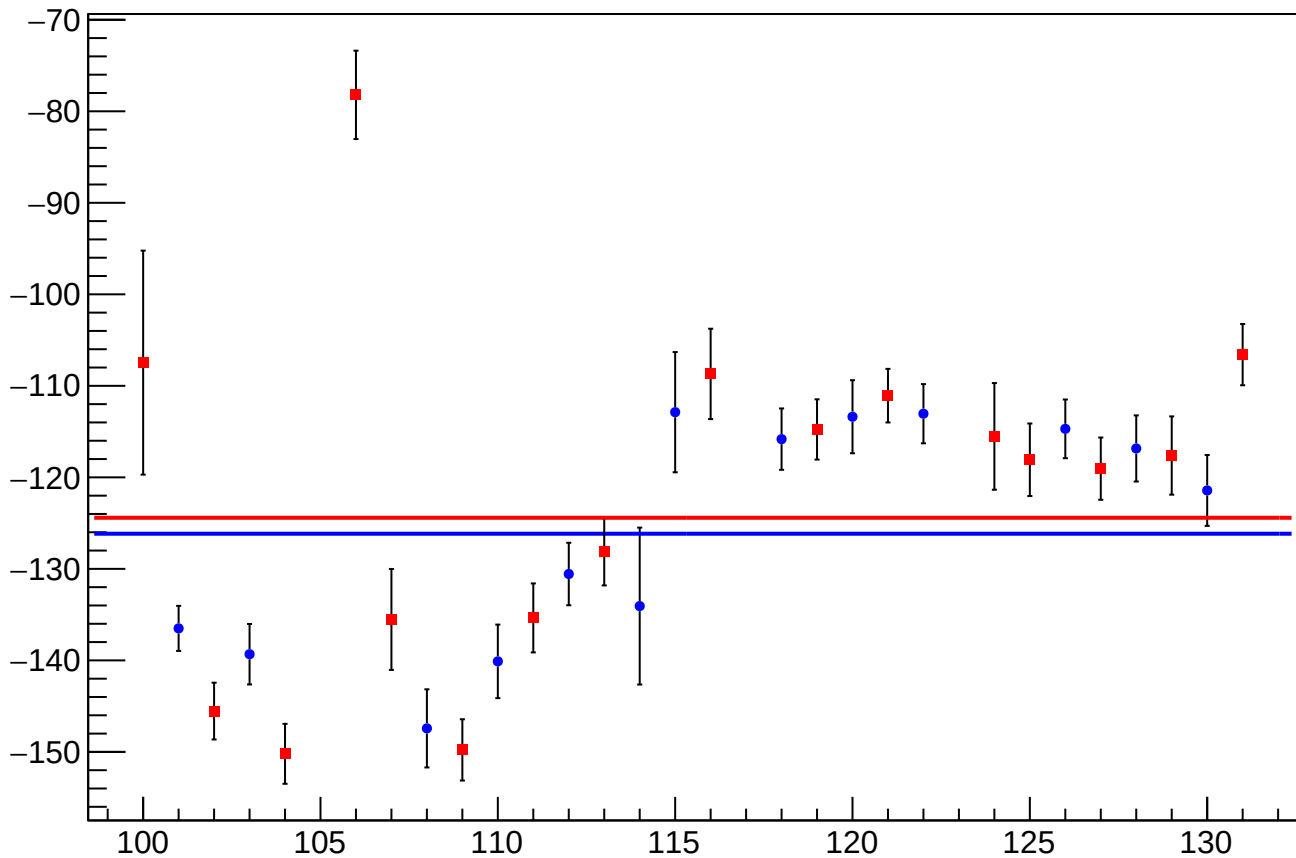
Right: -58.075+/-0.636 χ^2/NDF : 3113.8/28

In: -58.346+/-0.904 χ^2/NDF : 1598.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.075+/-0.636 χ^2/NDF : 3113.8/28

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -126.160+/-1.008 χ^2/NDF : 134.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -124.416+/-0.959 χ^2/NDF : 350.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

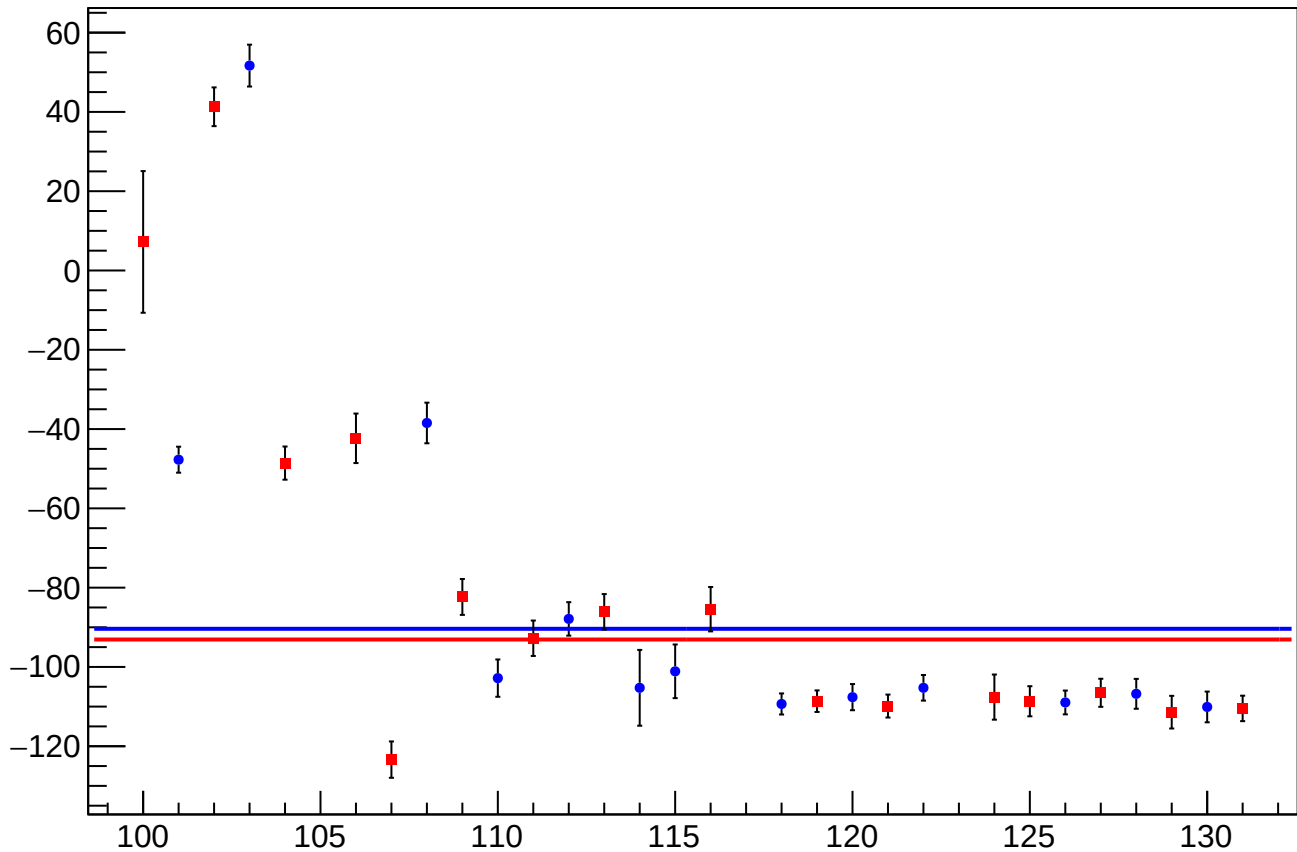
Right: -125.245+/-0.695 χ^2/NDF : 486.3/28

In: -126.160+/-1.008 χ^2/NDF : 134.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.245+/-0.695 χ^2/NDF : 486.3/28

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -90.378+/-1.067 χ^2/NDF : 1190.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.080+/-1.028 χ^2/NDF : 1173.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

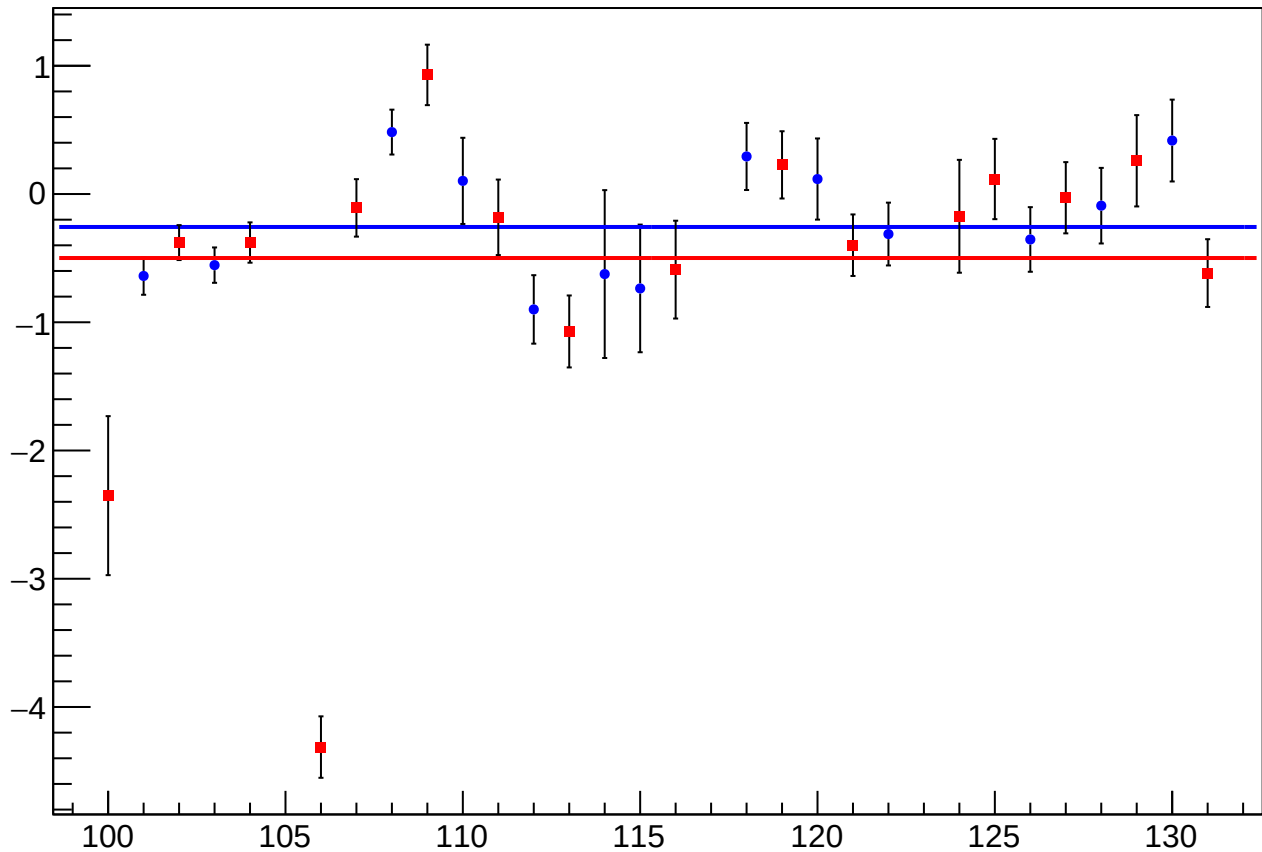
Right: -91.780+/-0.740 χ^2/NDF : 2367.7/28

In: -90.378+/-1.067 χ^2/NDF : 1190.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.780+/-0.740 χ^2/NDF : 2367.7/28

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.257 ± 0.065 χ^2/NDF : 48.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.499 ± 0.061 χ^2/NDF : 328.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

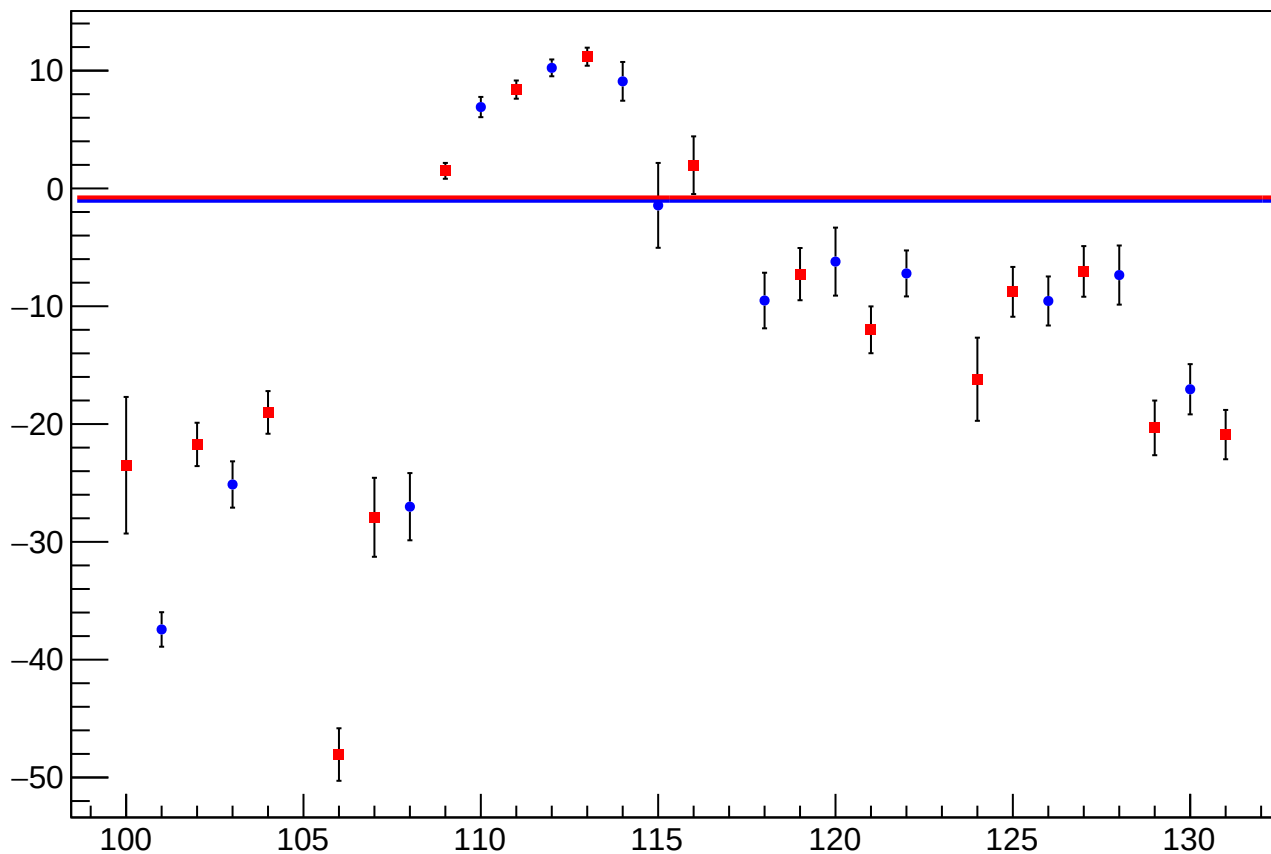
Right: -0.384 ± 0.044 χ^2/NDF : 384.3/28

In: -0.257 ± 0.065 χ^2/NDF : 48.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.384 ± 0.044 χ^2/NDF : 384.3/28

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.045+/-0.416 χ^2/NDF : 1328.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.763+/-0.352 χ^2/NDF : 1405.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

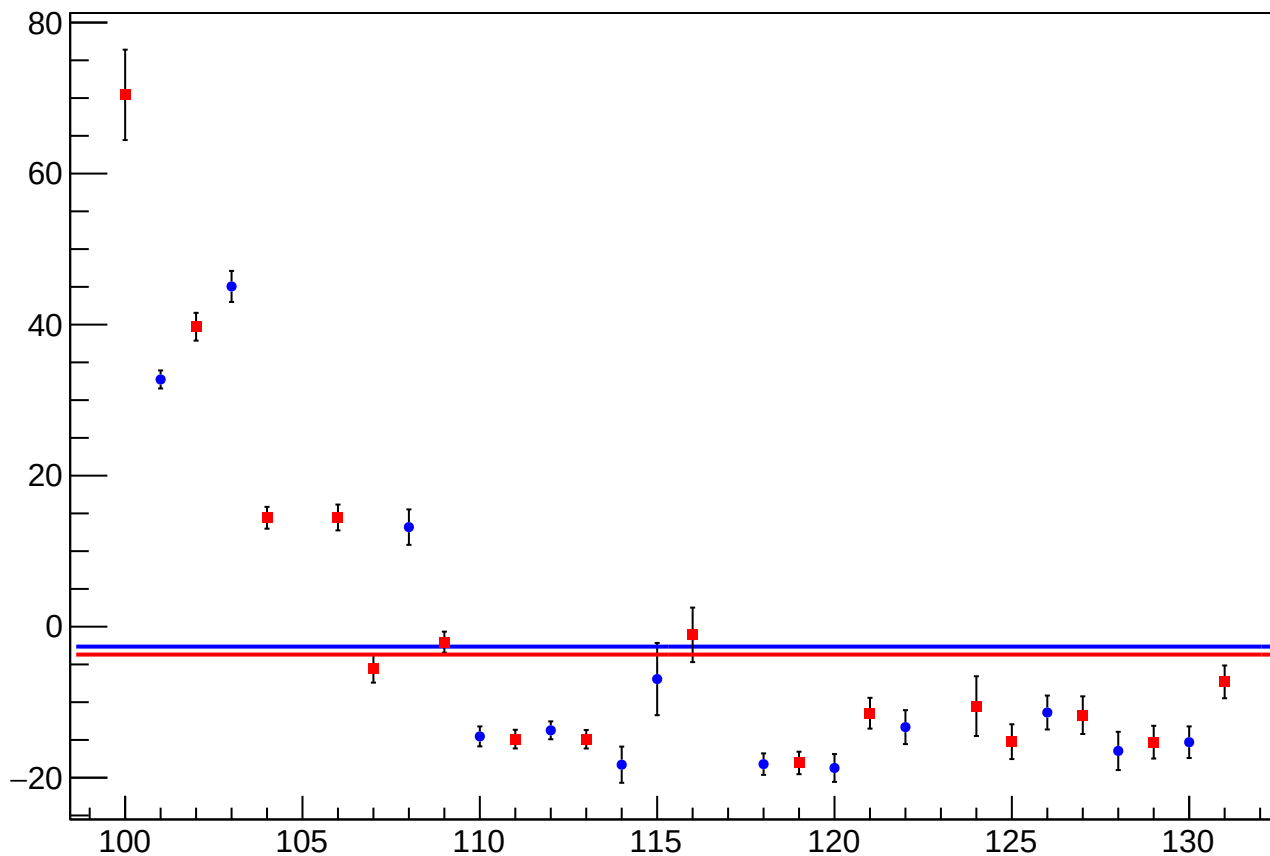
Right: -0.881+/-0.269 χ^2/NDF : 2734.2/28

In: -1.045+/-0.416 χ^2/NDF :1328.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.881+/-0.269 χ^2/NDF : 2734.2/28

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.638+/-0.488 χ^2 /NDF: 1973.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.697+/-0.453 χ^2 /NDF: 1325.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

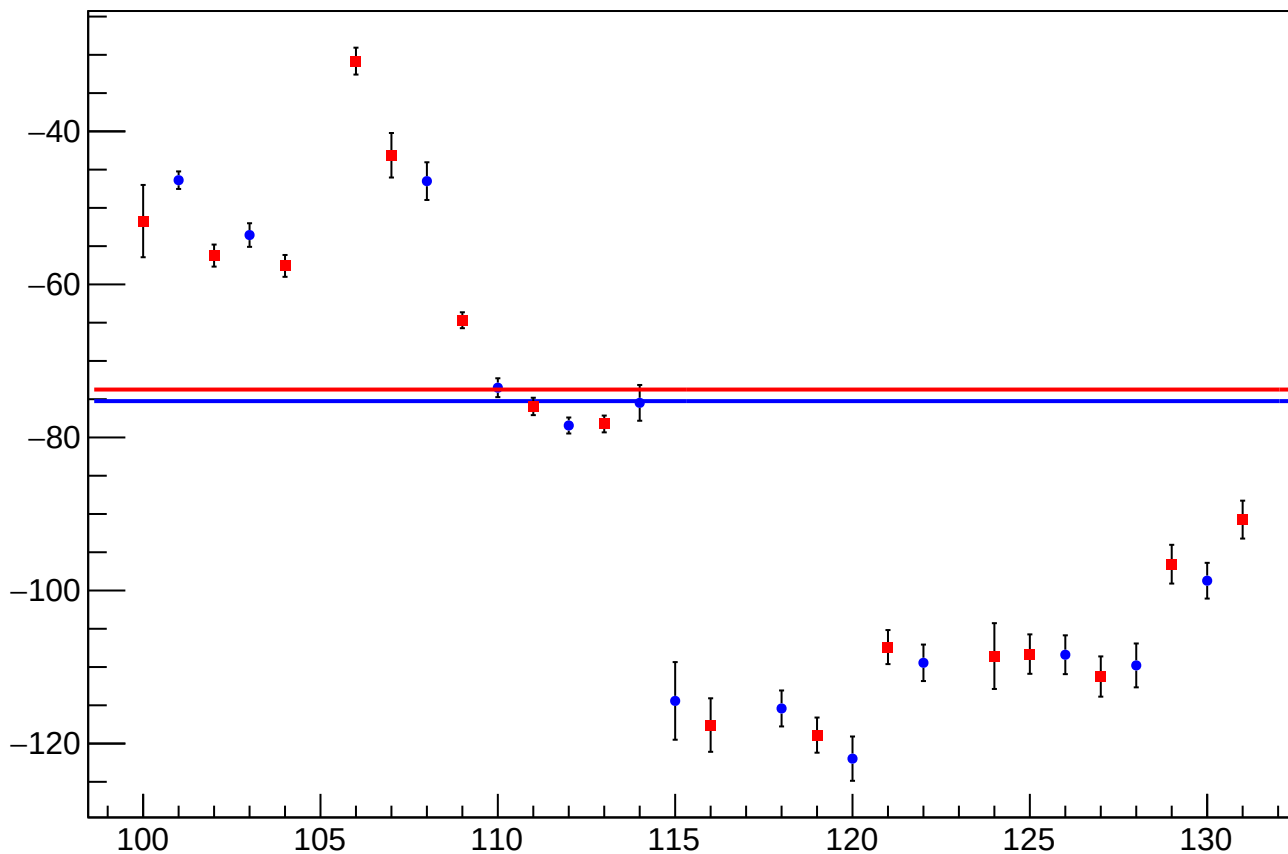
Right: -3.207+/-0.332 χ^2 /NDF: 3302.0/28

In: -2.638+/-0.488 χ^2 /NDF:1973.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.207+/-0.332 χ^2 /NDF: 3302.0/28

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -75.251+/-0.495 χ^2/NDF : 2215.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.738+/-0.441 χ^2/NDF : 2450.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

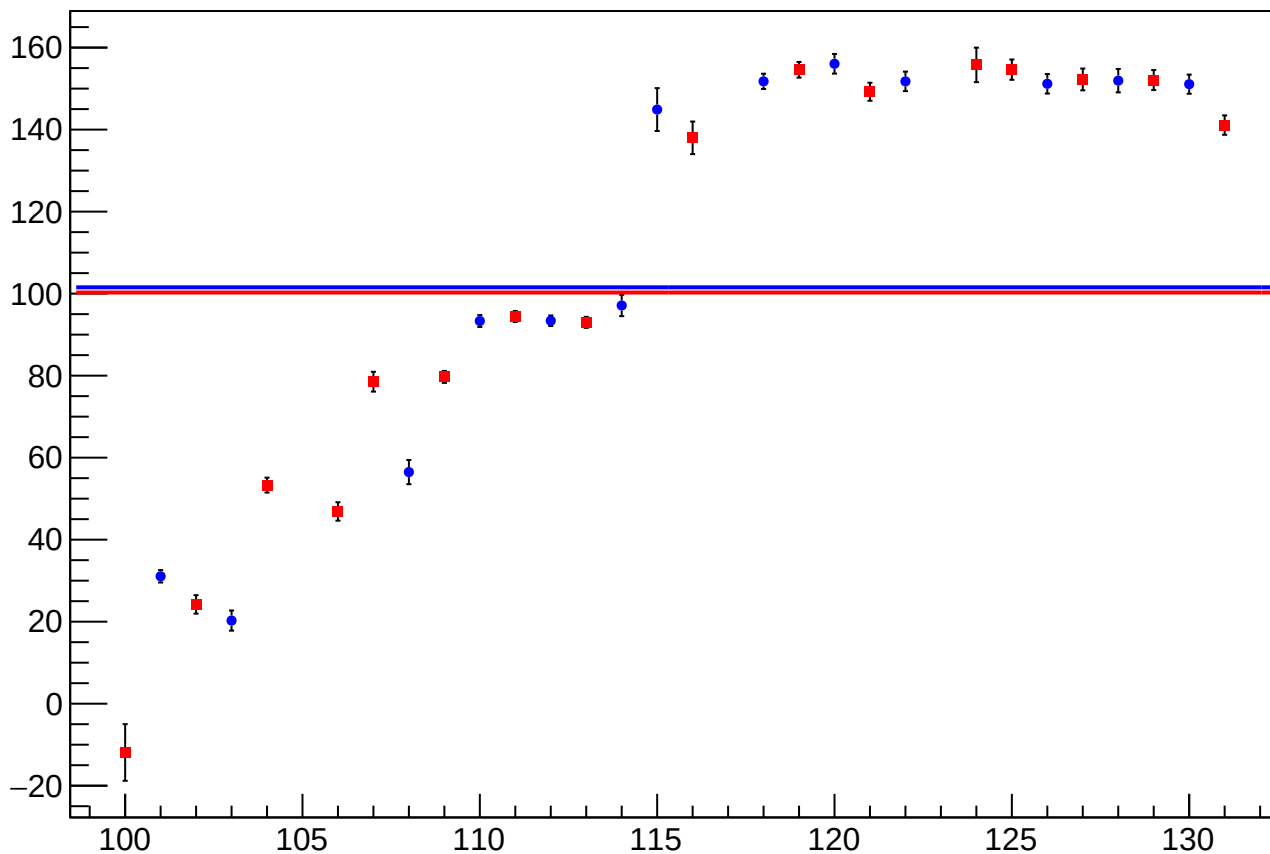
Right: -74.408+/-0.330 χ^2/NDF : 4671.4/28

In: -75.251+/-0.495 χ^2/NDF : 2215.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.408+/-0.330 χ^2/NDF : 4671.4/28

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 101.539+/-0.568 χ^2/NDF : 6507.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 100.270+/-0.518 χ^2/NDF : 6143.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

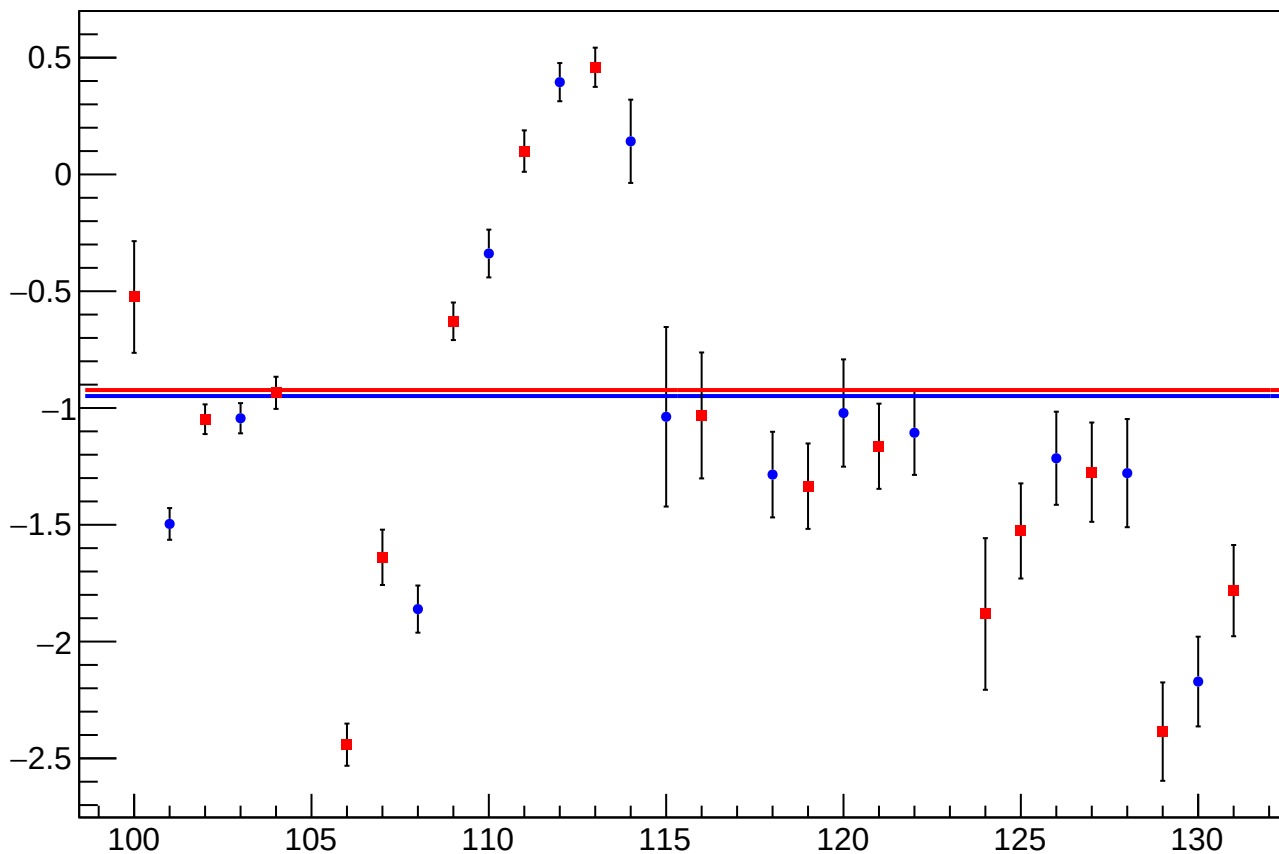
Right: 100.846+/-0.383 χ^2/NDF : 12653.3/28

In: 101.539+/-0.568 χ^2/NDF :6507.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 100.846+/-0.383 χ^2/NDF : 12653.3/28

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.949+/-0.032 χ^2/NDF : 541.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.923+/-0.028 χ^2/NDF : 838.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

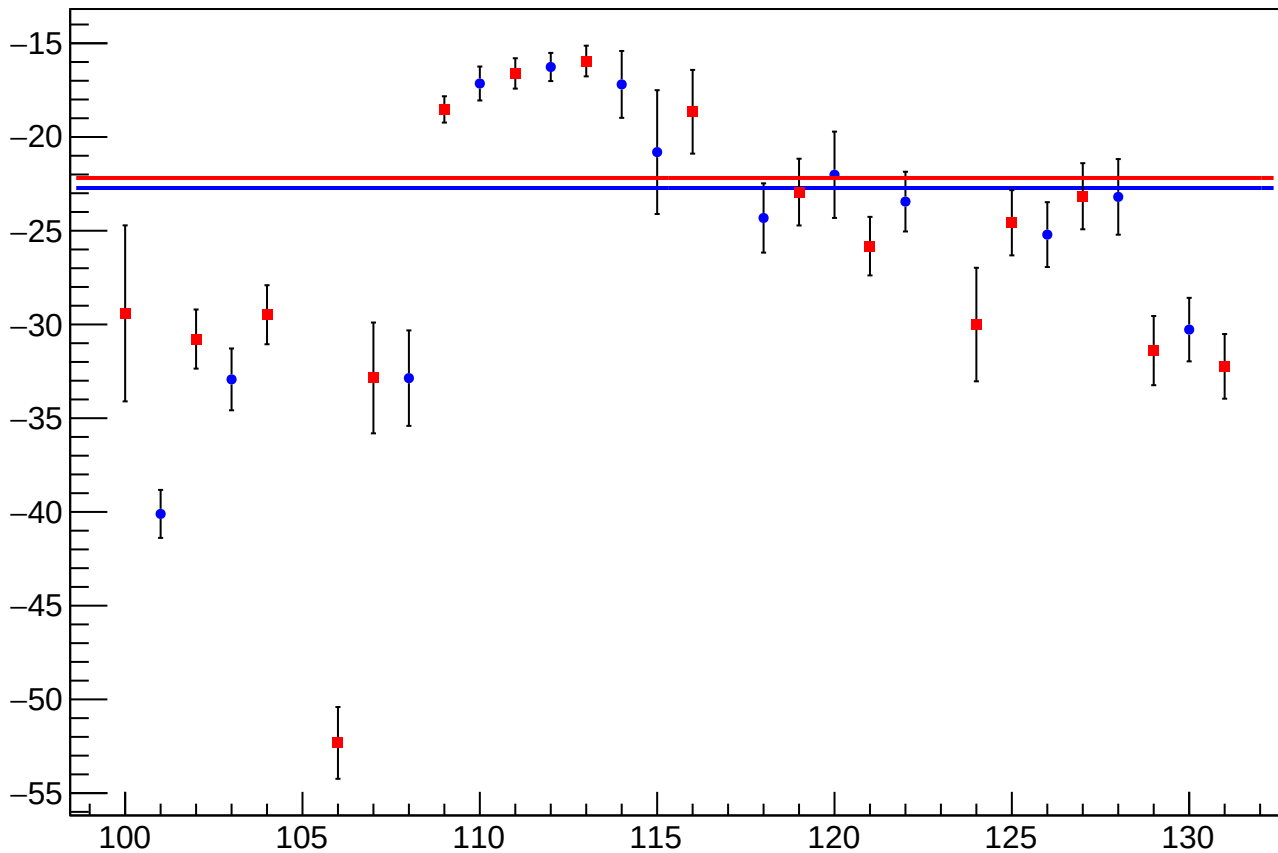
Right: -0.934+/-0.021 χ^2/NDF : 1379.6/28

In: -0.949+/-0.032 χ^2/NDF :541.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.934+/-0.021 χ^2/NDF : 1379.6/28

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.721 ± 0.397 $\chi^2/\text{NDF}: 383.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.186 ± 0.341 $\chi^2/\text{NDF}: 522.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

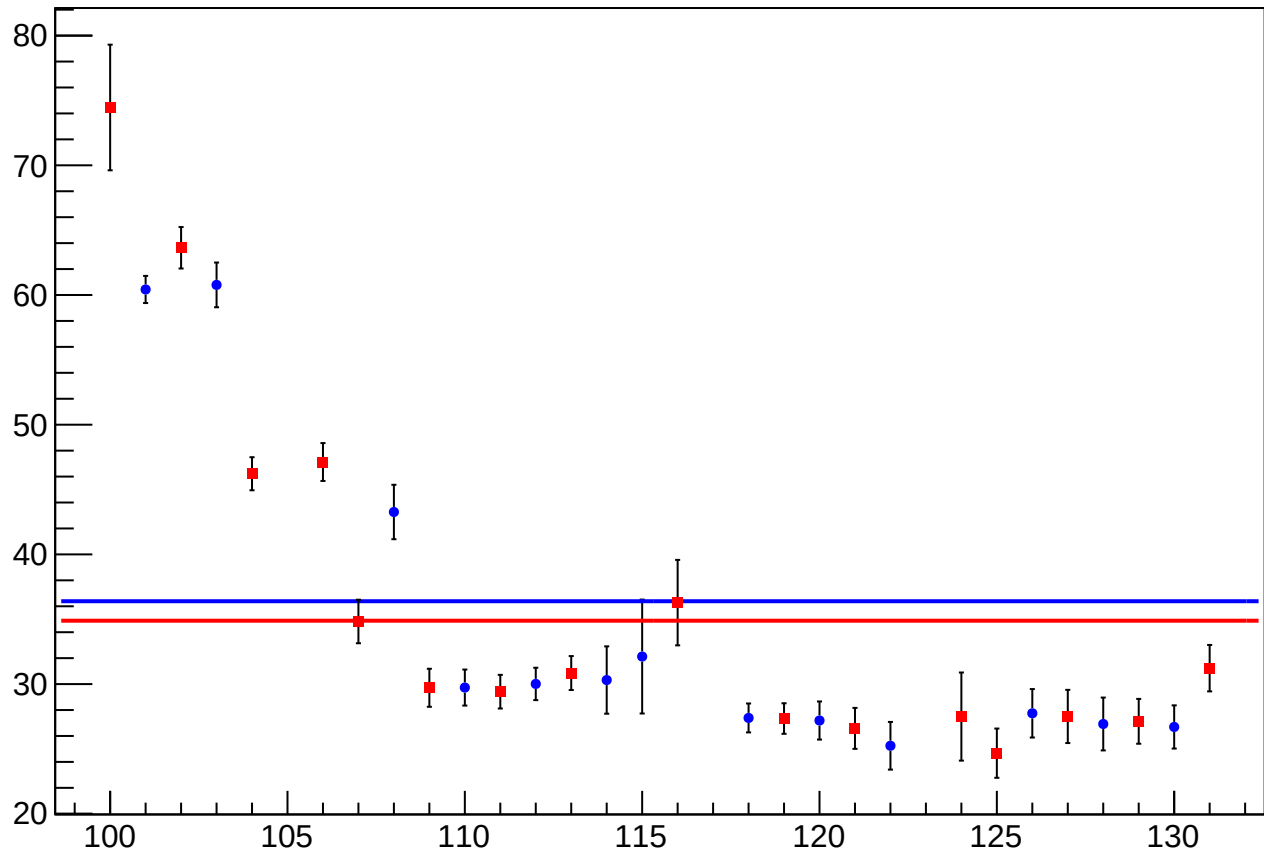
Right: -22.412 ± 0.259 $\chi^2/\text{NDF}: 907.2/28$

In: -22.721 ± 0.397 $\chi^2/\text{NDF}: 383.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.412 ± 0.259 $\chi^2/\text{NDF}: 907.2/28$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.389 $\pm$ 0.435 χ^2 /NDF: 1011.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.887 $\pm$ 0.409 χ^2 /NDF: 719.2/15

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

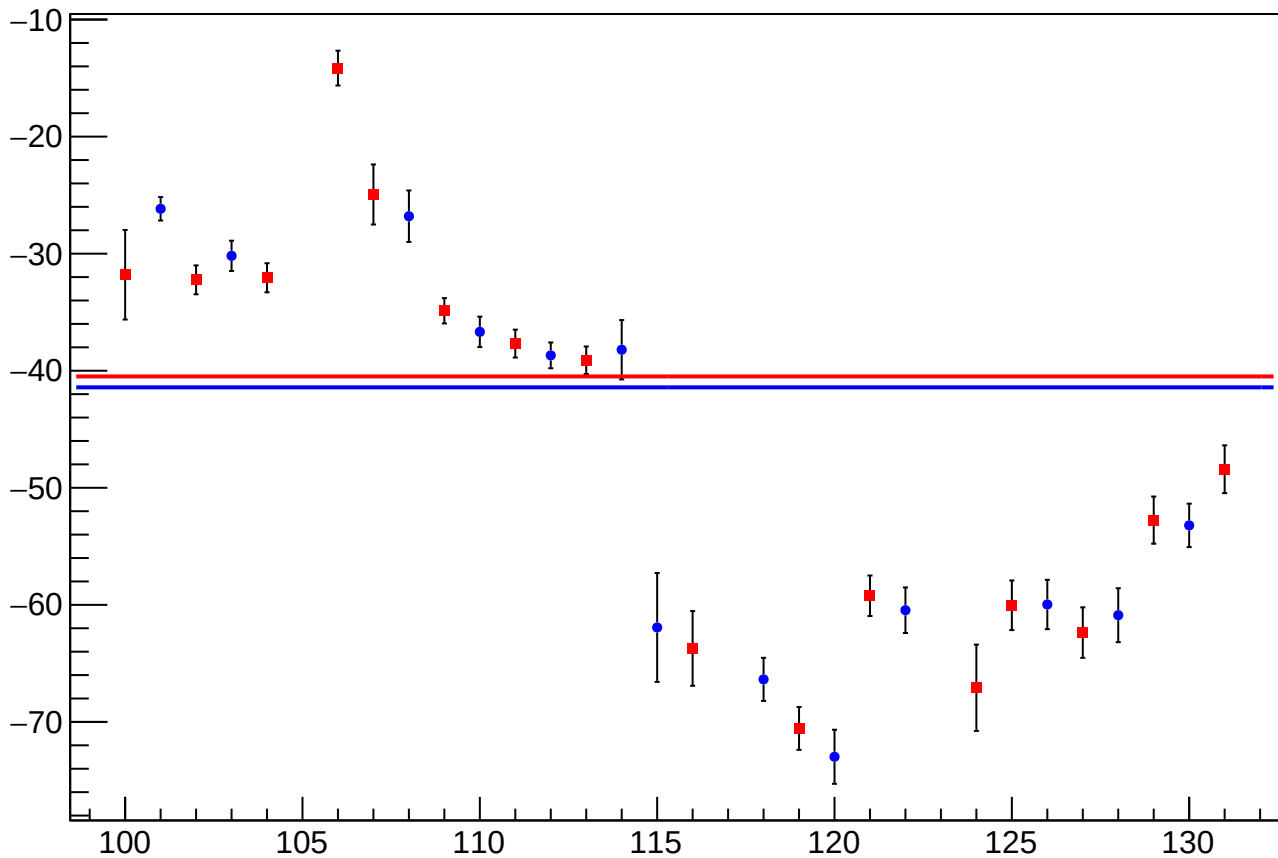
Right: 35.592 $\pm$ 0.298 χ^2 /NDF: 1737.0/28

In: 36.389 $\pm$ 0.435 χ^2 /NDF:1011.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.592 $\pm$ 0.298 χ^2 /NDF: 1737.0/28

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.419 $\pm$ 0.453 χ^2 /NDF: 1047.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.488 $\pm$ 0.409 χ^2 /NDF: 1212.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

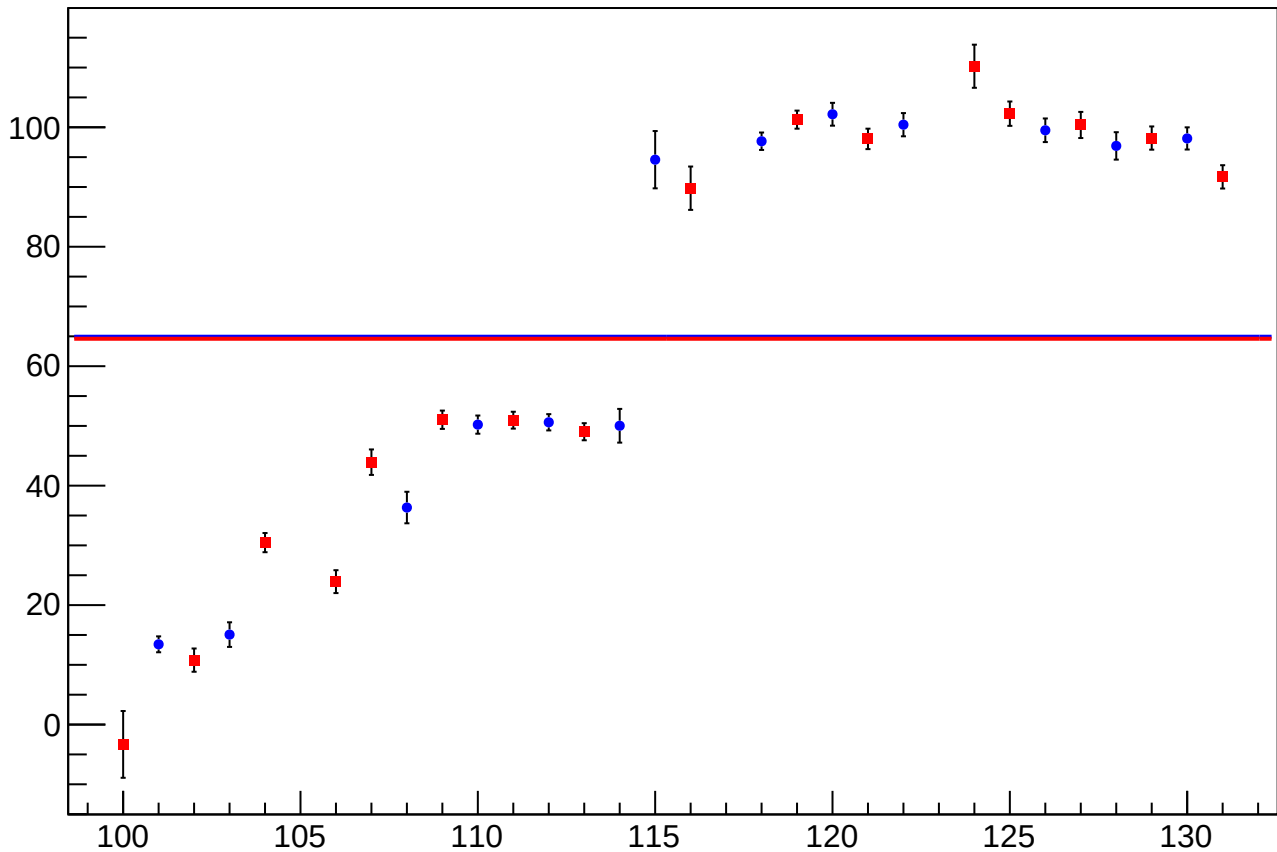
Right: -40.906 $\pm$ 0.303 χ^2 /NDF: 2263.0/28

In: -41.419 $\pm$ 0.453 χ^2 /NDF:1047.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.906 $\pm$ 0.303 χ^2 /NDF: 2263.0/28

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 64.934+/-0.511 χ^2/NDF : 4504.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.595+/-0.471 χ^2/NDF : 4476.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

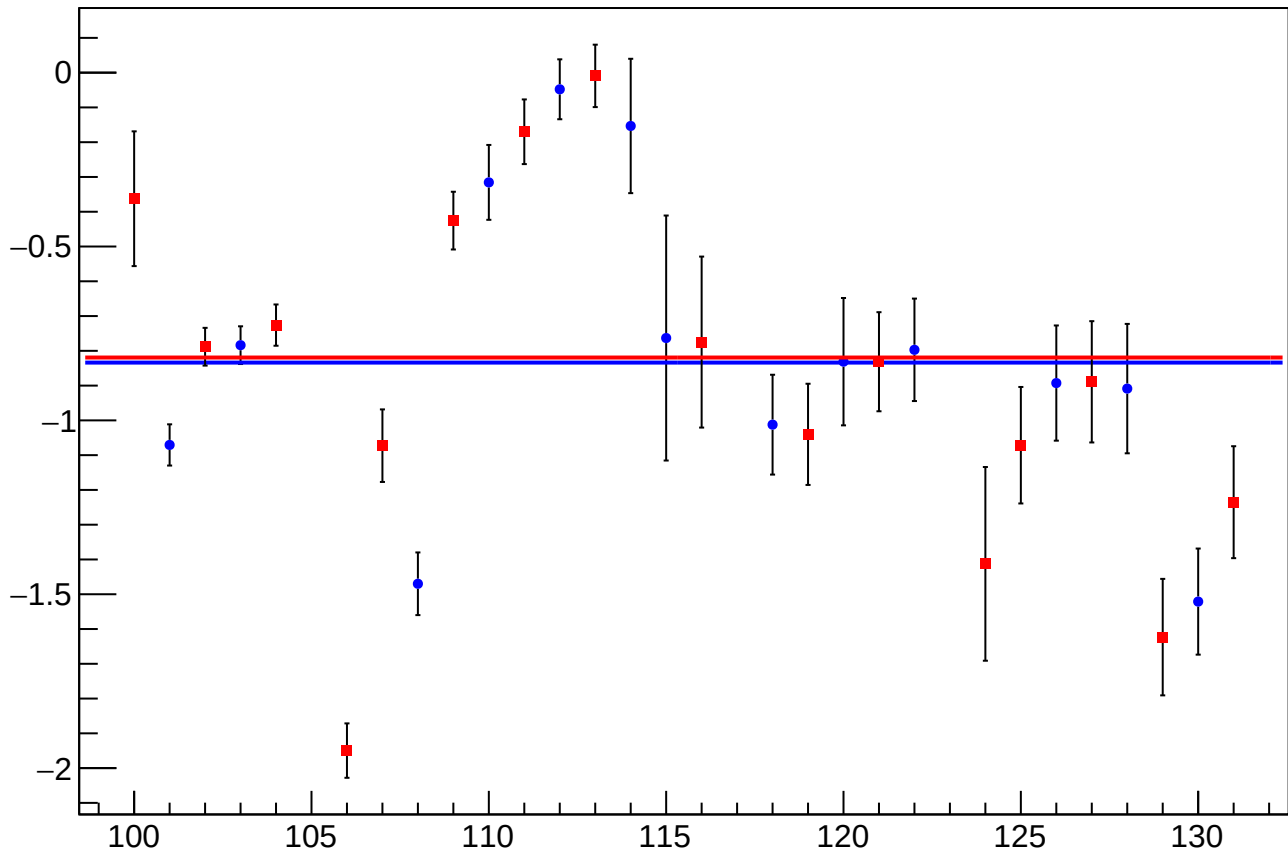
Right: 64.751+/-0.347 χ^2/NDF : 8980.4/28

In: 64.934+/-0.511 χ^2/NDF : 4504.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.751+/-0.347 χ^2/NDF : 8980.4/28

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.834 ± 0.028 χ^2/NDF : 207.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.819 ± 0.025 χ^2/NDF : 414.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

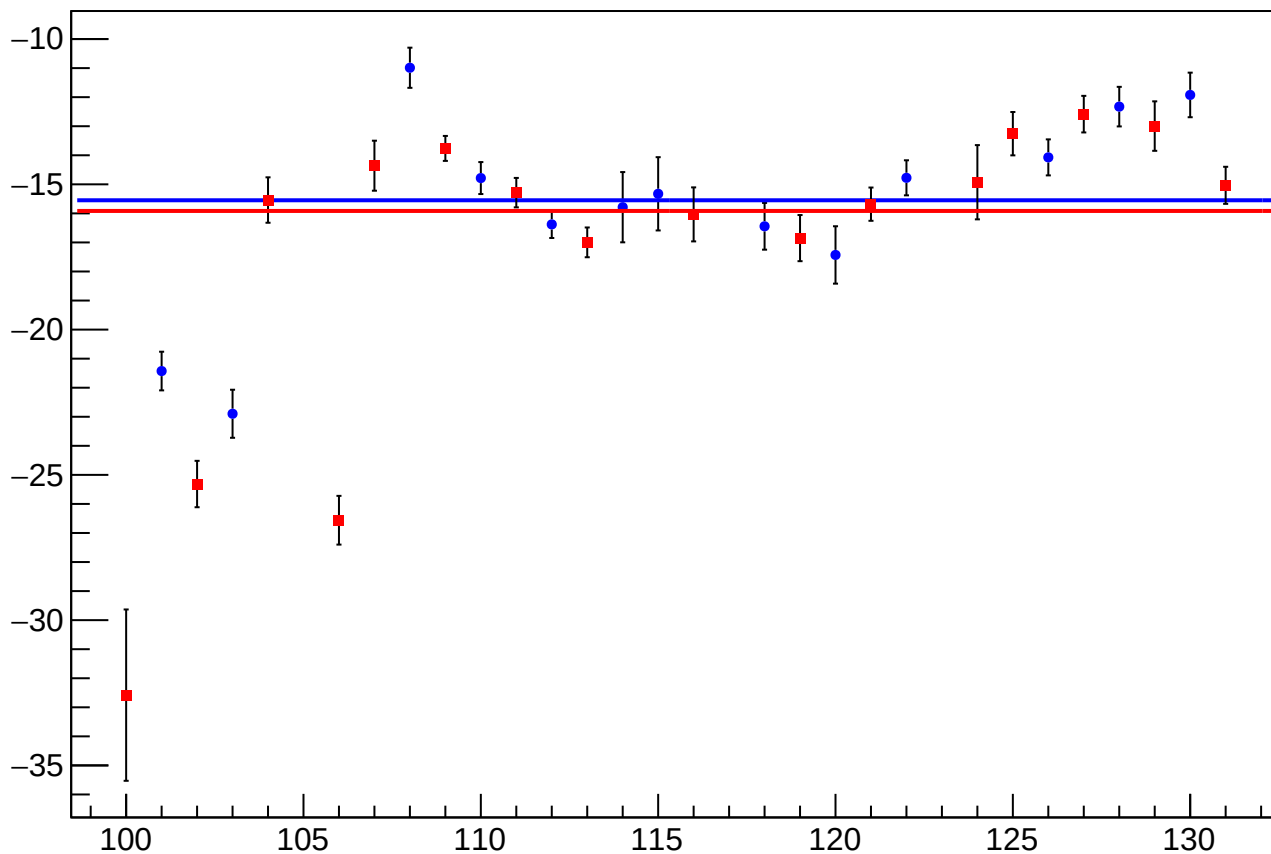
Right: -0.826 ± 0.019 χ^2/NDF : 622.6/28

In: -0.834 ± 0.028 χ^2/NDF : 207.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.826 ± 0.019 χ^2/NDF : 622.6/28

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.549+/-0.193 χ^2/NDF : 262.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.916+/-0.172 χ^2/NDF : 422.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

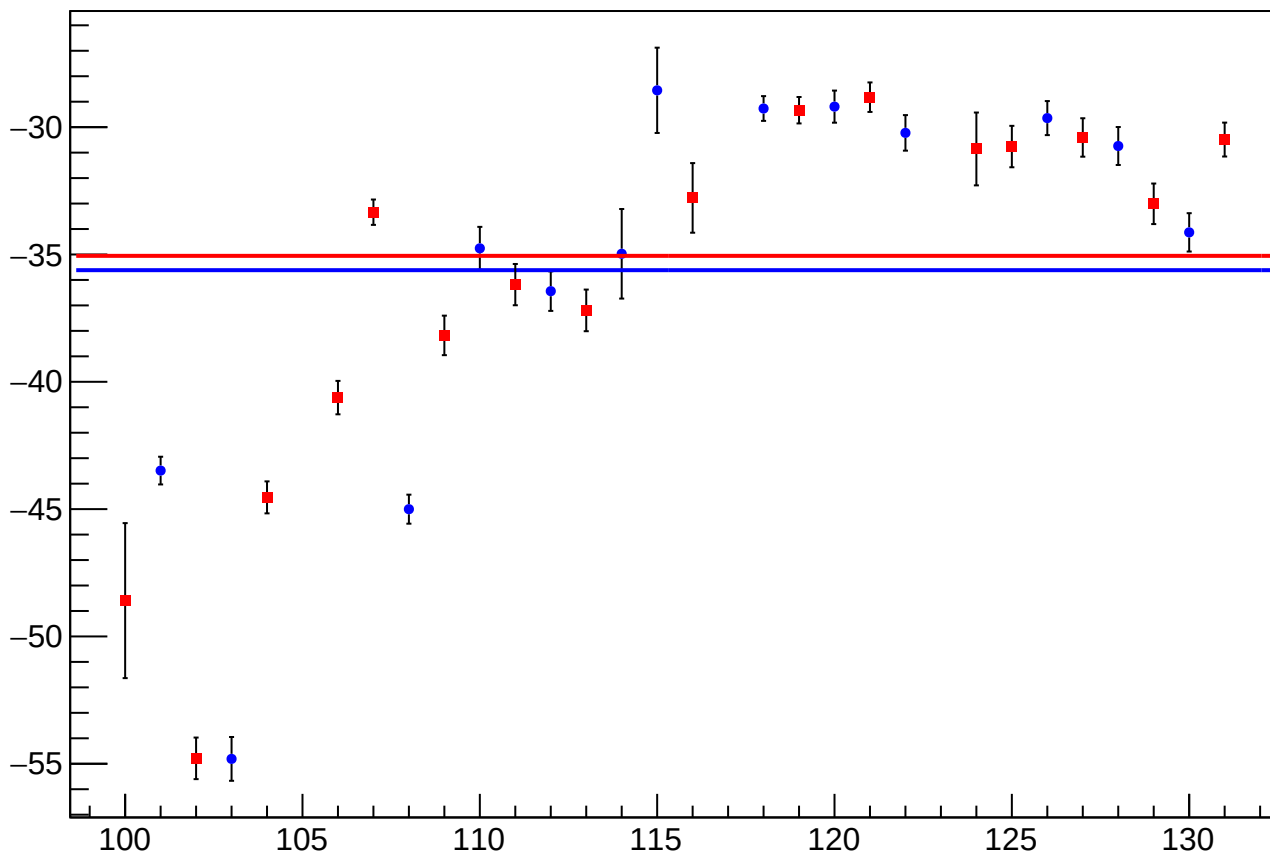
Right: -15.754+/-0.129 χ^2/NDF : 687.4/28

In: -15.549+/-0.193 χ^2/NDF : 262.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.754+/-0.129 χ^2/NDF : 687.4/28

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.616 $\pm$ 0.196 χ^2 /NDF: 1459.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.054 $\pm$ 0.183 χ^2 /NDF: 1309.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

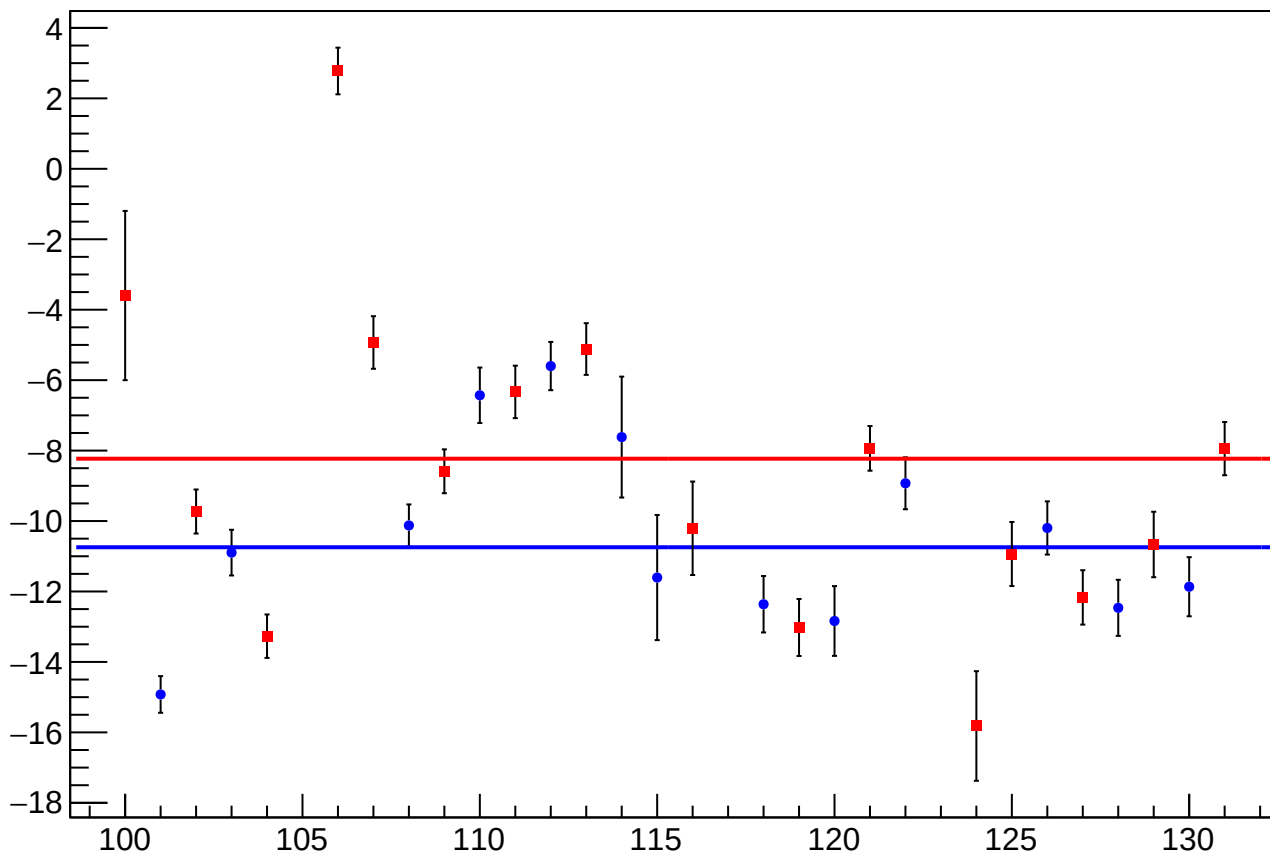
Right: -35.316 $\pm$ 0.133 χ^2 /NDF: 2772.7/28

In: -35.616 $\pm$ 0.196 χ^2 /NDF:1459.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.316 $\pm$ 0.133 χ^2 /NDF: 2772.7/28

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.744 ± 0.211 χ^2/NDF : 177.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.230 ± 0.194 χ^2/NDF : 500.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

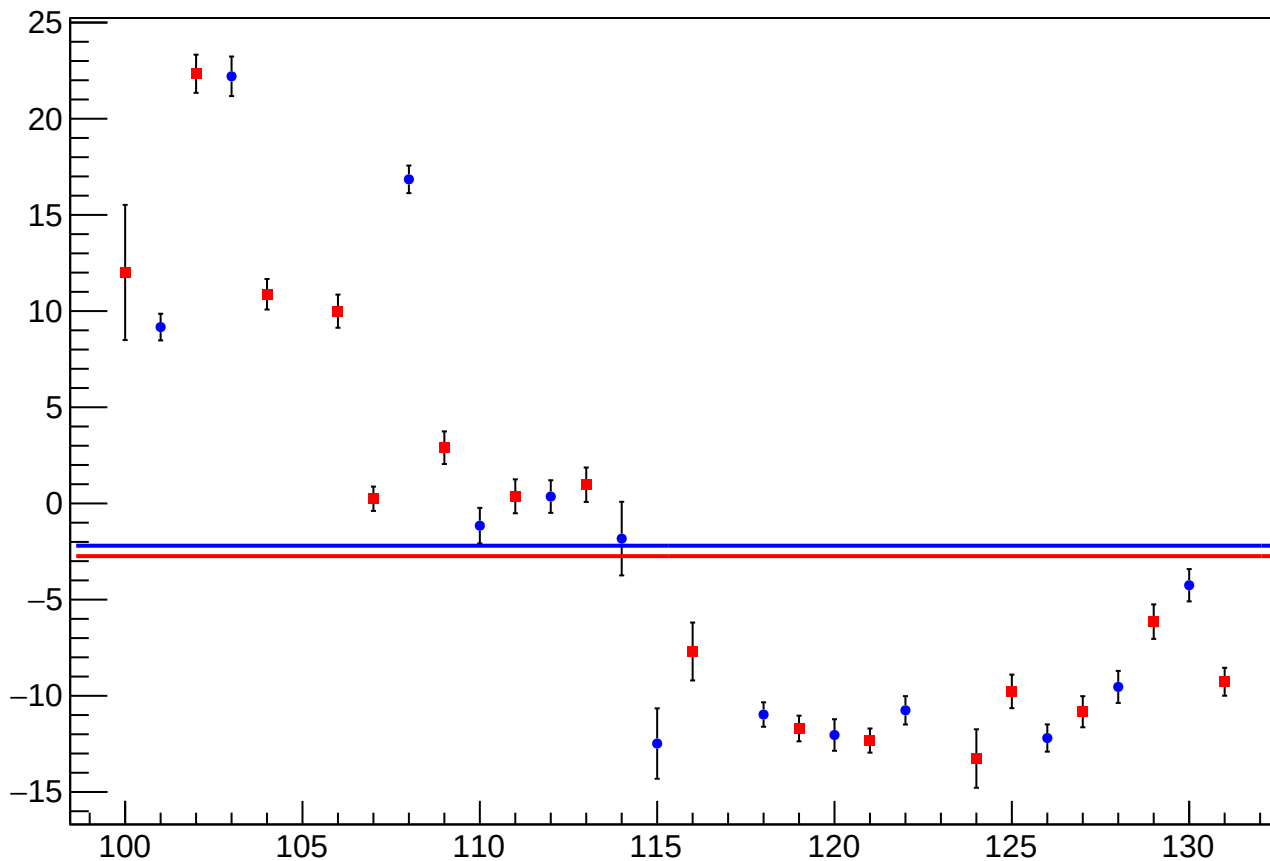
Right: -9.384 ± 0.143 χ^2/NDF : 754.0/28

In: -10.744 ± 0.211 χ^2/NDF : 177.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.384 ± 0.143 χ^2/NDF : 754.0/28

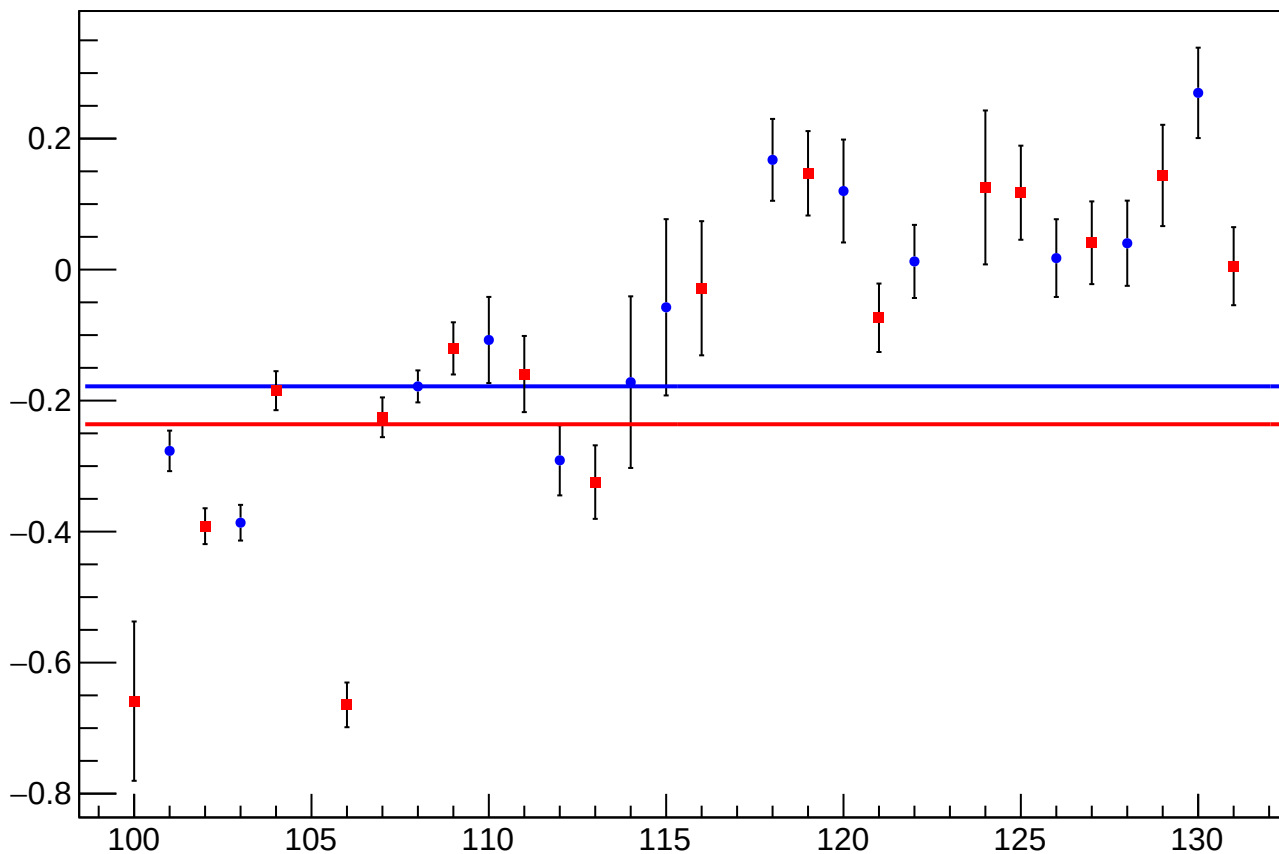
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.197 $\pm$ 0.231 χ^2 /NDF: 2330.9/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.740 $\pm$ 0.213 χ^2 /NDF: 1999.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -2.491 $\pm$ 0.156 χ^2 /NDF: 4332.8/28
 In: -2.197 $\pm$ 0.231 χ^2 /NDF:2330.9/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -2.491 $\pm$ 0.156 χ^2 /NDF: 4332.8/28

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.013 χ^2/NDF : 195.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.236+/-0.012 χ^2/NDF : 360.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

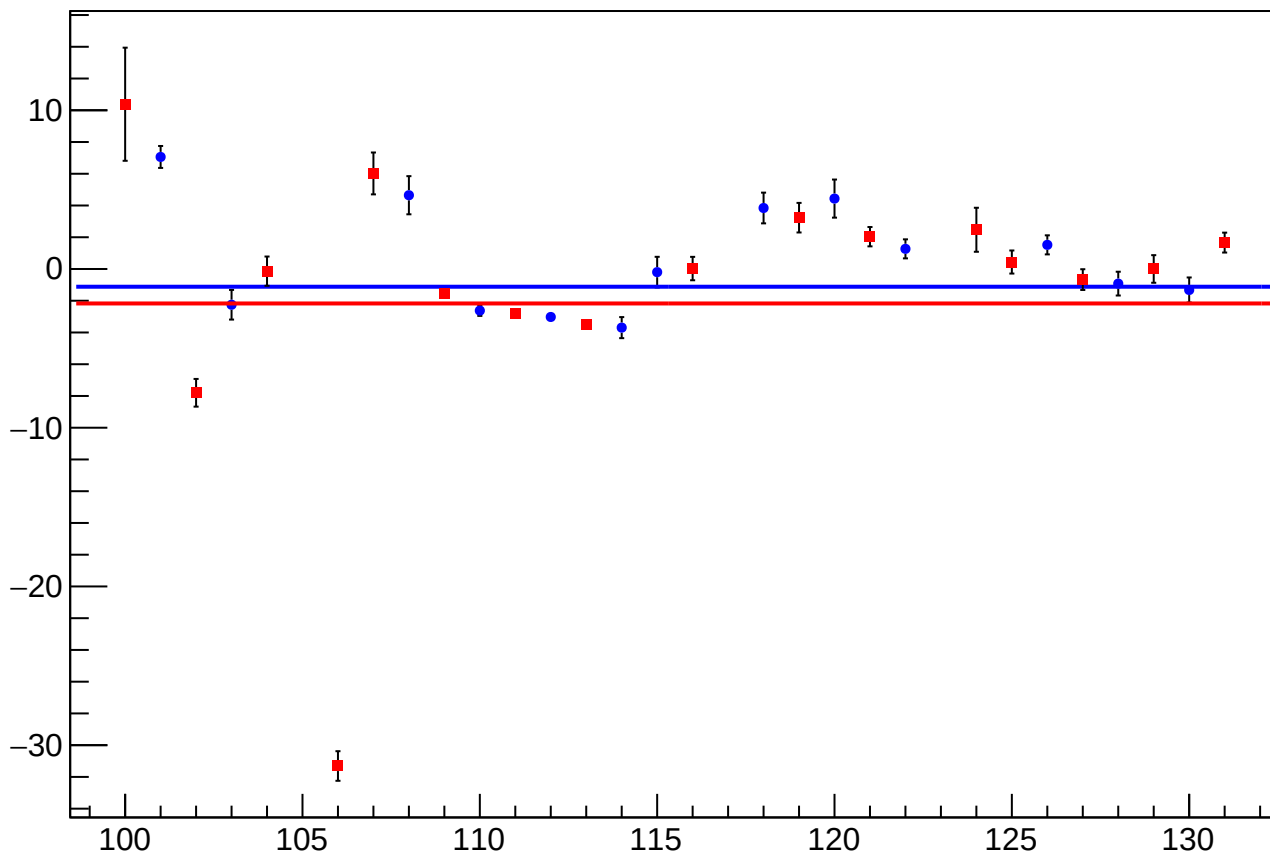
Right: -0.210+/-0.009 χ^2/NDF : 567.6/28

In: -0.178+/-0.013 χ^2/NDF : 195.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.210+/-0.009 χ^2/NDF : 567.6/28

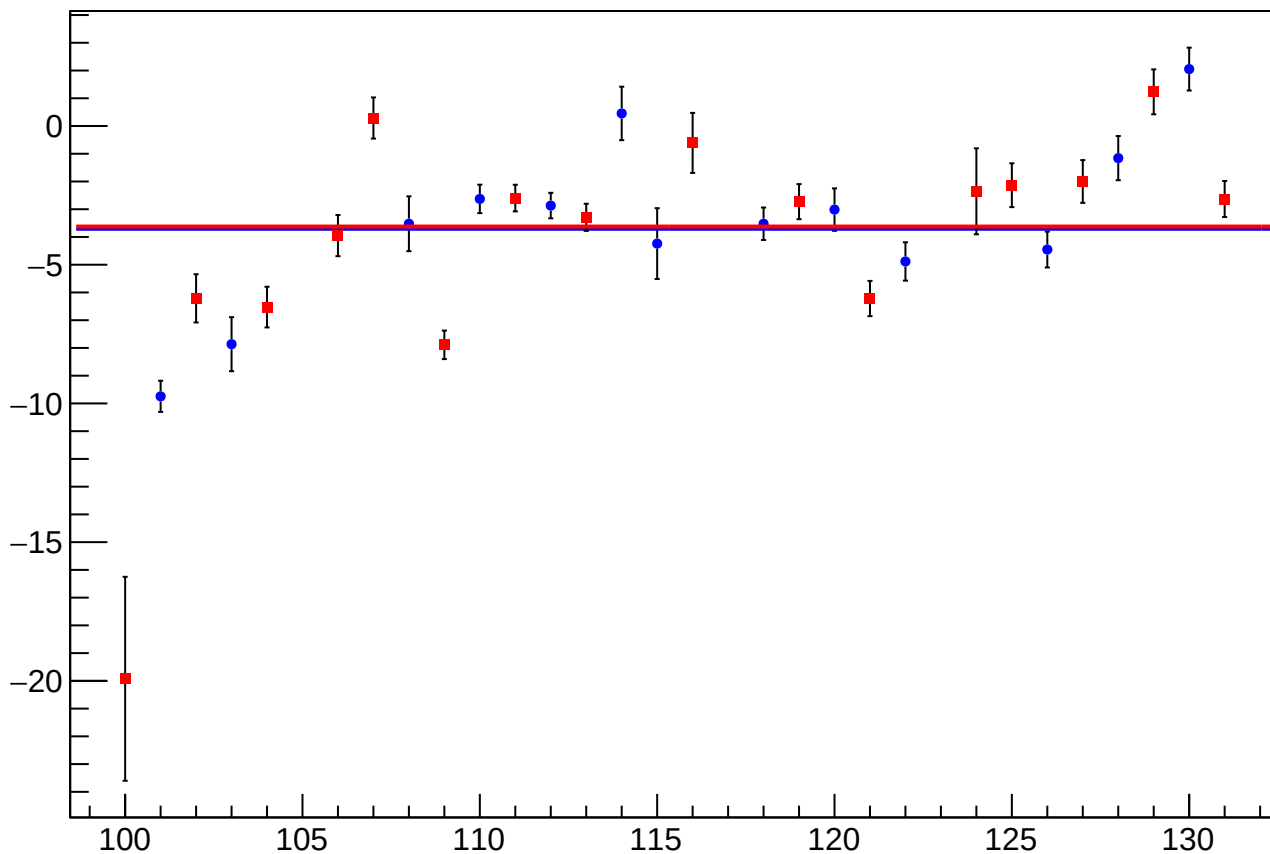
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.117+/-0.158 χ^2 /NDF: 330.5/12
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -2.172+/-0.136 χ^2 /NDF: 1266.1/15
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -1.724+/-0.103 χ^2 /NDF: 1622.2/28
 In: -1.117+/-0.158 χ^2 /NDF:330.5/12
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.724+/-0.103 χ^2 /NDF: 1622.2/28

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.704 $\pm$ 0.189 χ^2 /NDF: 231.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.624 $\pm$ 0.175 χ^2 /NDF: 219.6/15

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

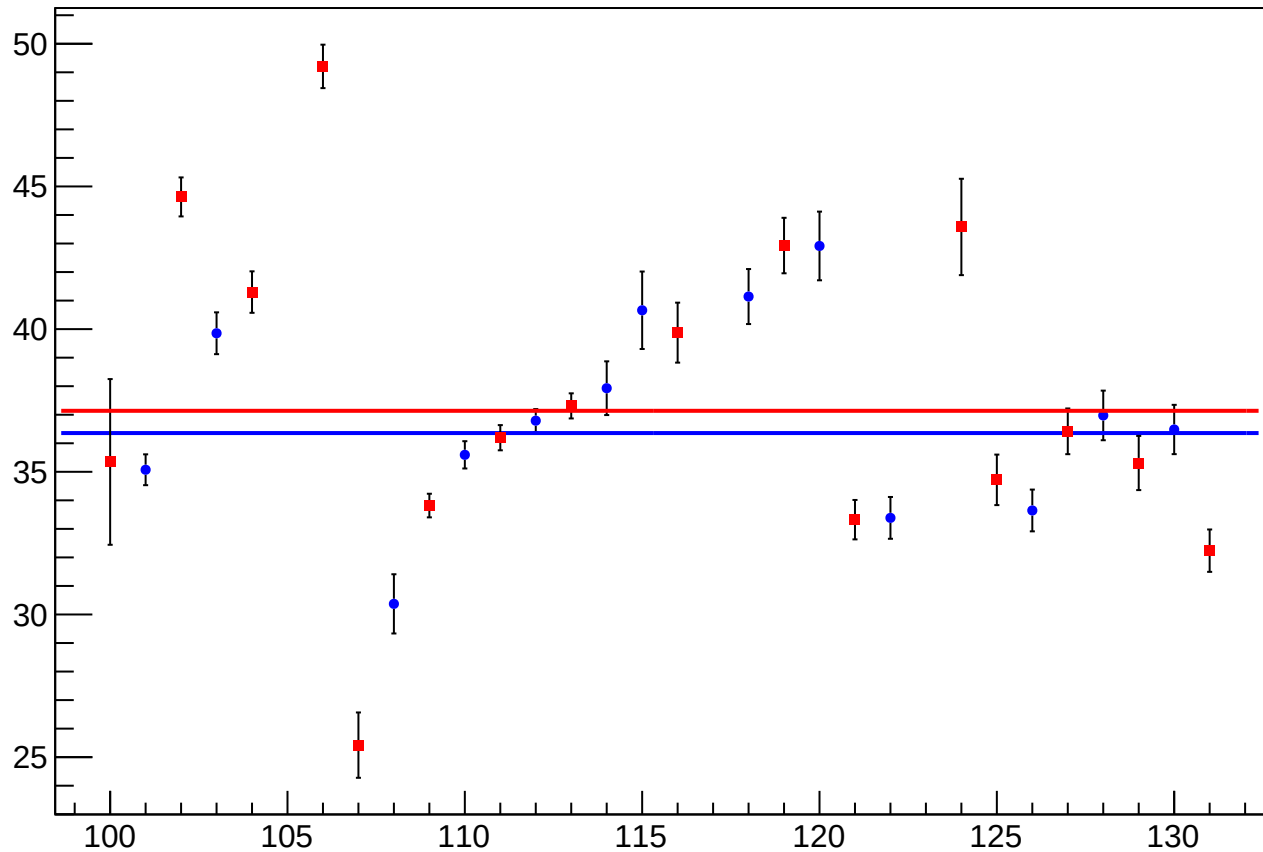
Right: -3.661 $\pm$ 0.129 χ^2 /NDF: 450.9/28

In: -3.704 $\pm$ 0.189 χ^2 /NDF:231.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.661 $\pm$ 0.129 χ^2 /NDF: 450.9/28

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.358 $\pm$ 0.194 χ^2 /NDF: 163.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.138 $\pm$ 0.174 χ^2 /NDF: 721.6/15

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

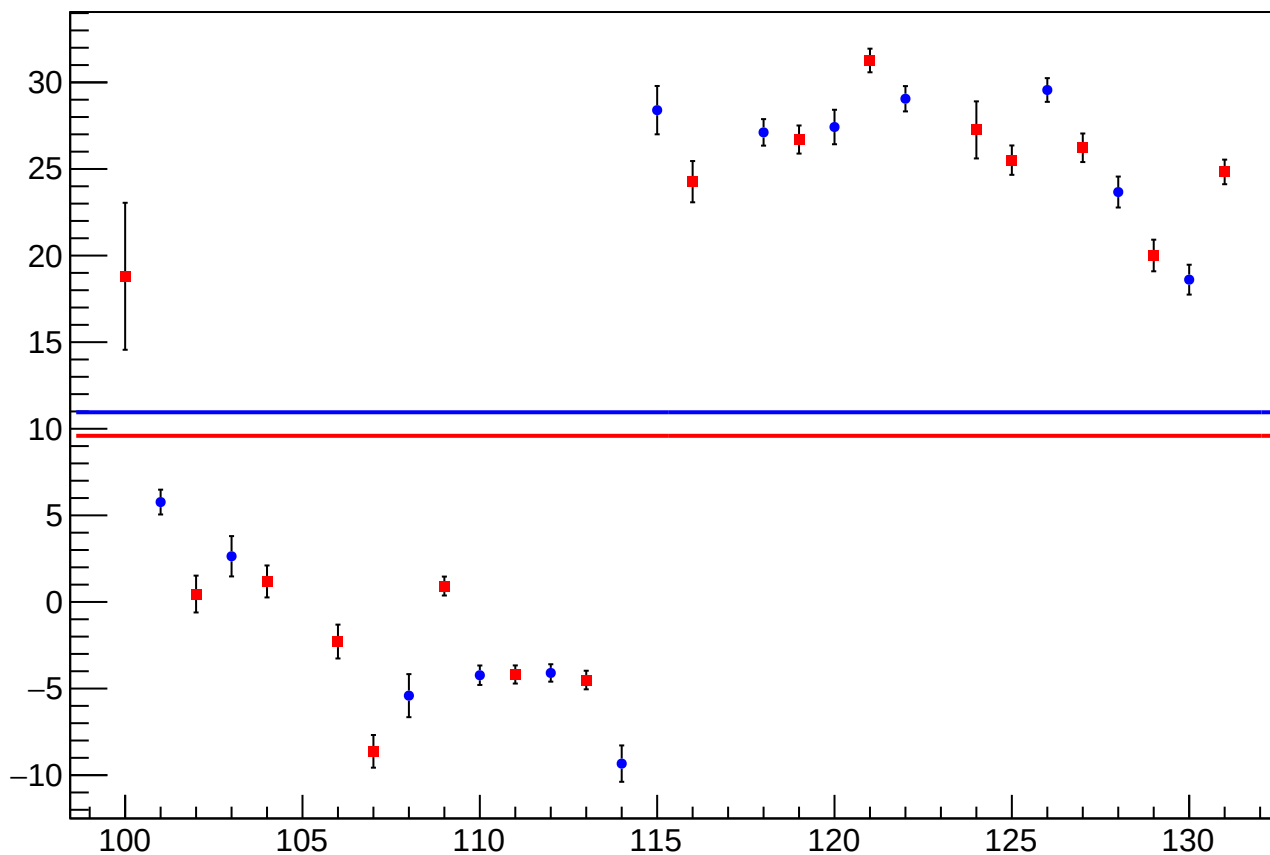
Right: 36.790 $\pm$ 0.130 χ^2 /NDF: 893.7/28

In: 36.358 $\pm$ 0.194 χ^2 /NDF:163.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.790 $\pm$ 0.130 χ^2 /NDF: 893.7/28

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.952+/-0.217 χ^2/NDF : 4788.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.593+/-0.198 χ^2/NDF : 5390.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

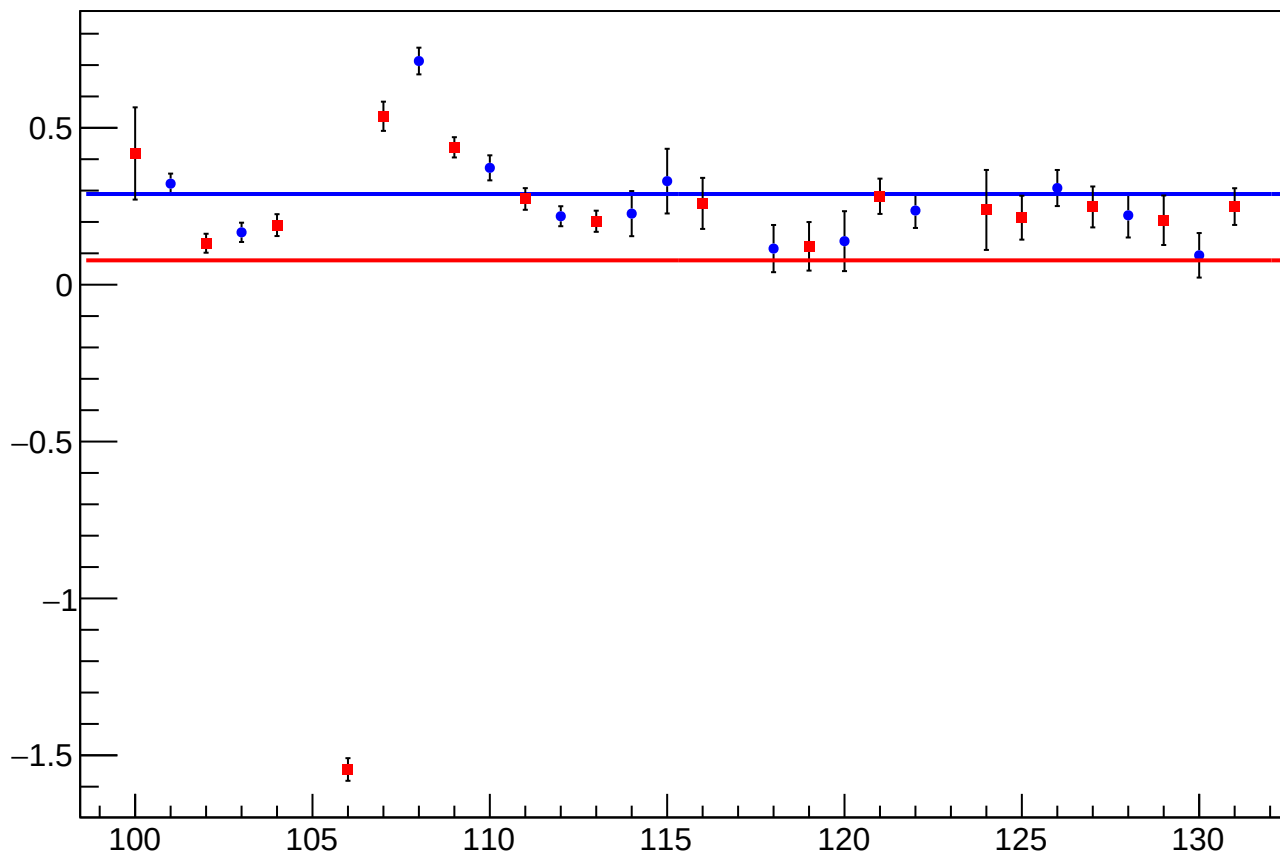
Right: 10.210+/-0.146 χ^2/NDF : 10200.2/28

In: 10.952+/-0.217 χ^2/NDF : 4788.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.210+/-0.146 χ^2/NDF : 10200.2/28

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.289+/-0.013 χ^2/NDF : 143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.078+/-0.012 χ^2/NDF : 2352.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

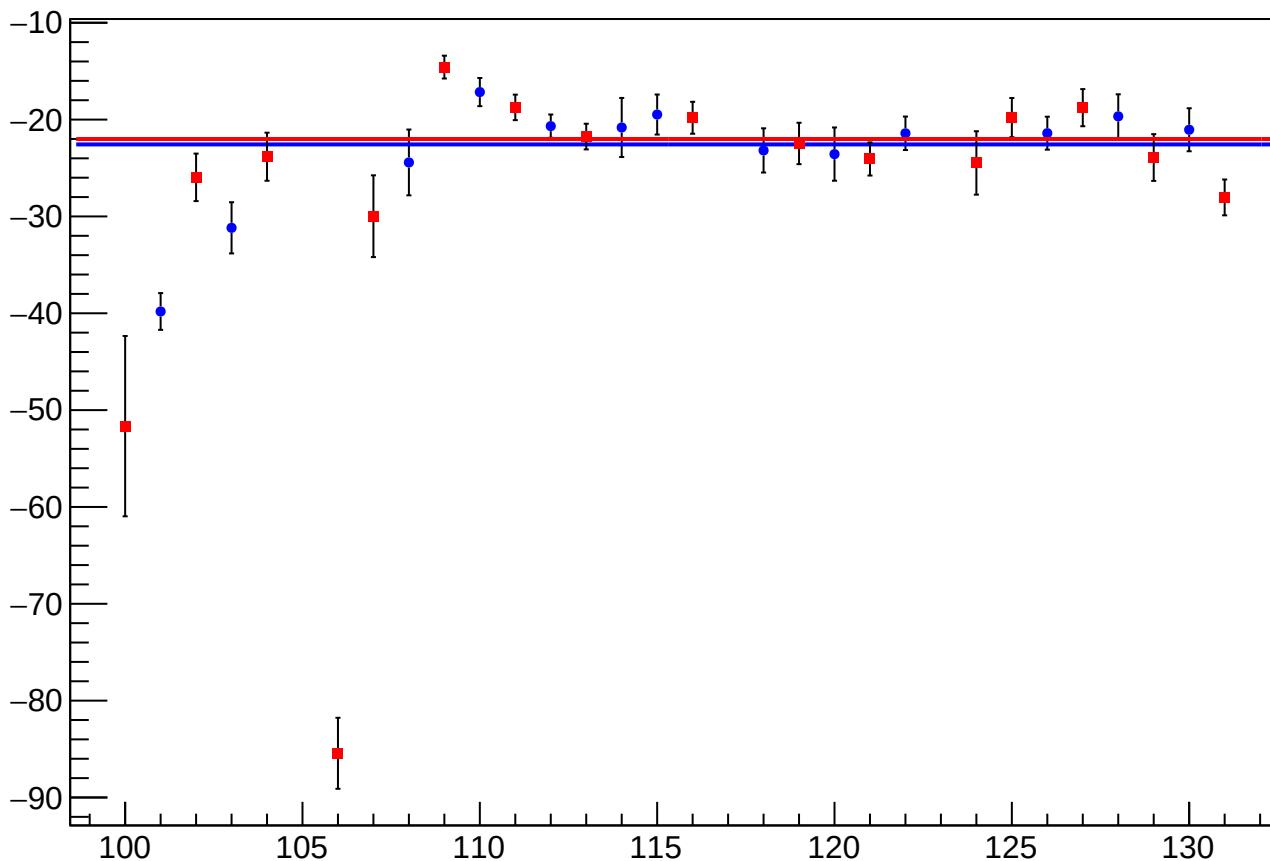
Right: 0.170+/-0.009 χ^2/NDF : 2642.2/28

In: 0.289+/-0.013 χ^2/NDF : 143.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.170+/-0.009 χ^2/NDF : 2642.2/28

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.564 ± 0.541 χ^2/NDF : 115.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.005 ± 0.480 χ^2/NDF : 381.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

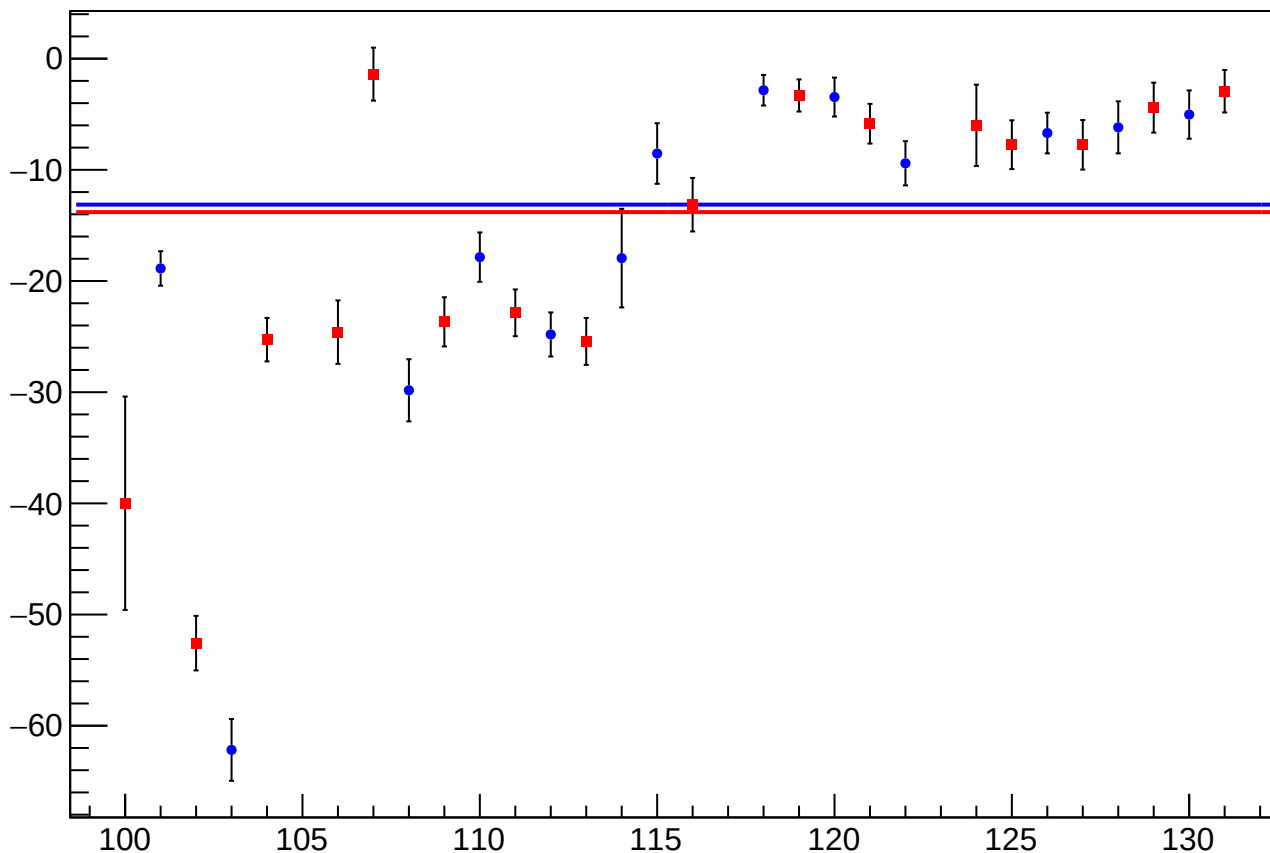
Right: -22.251 ± 0.359 χ^2/NDF : 497.4/28

In: -22.564 ± 0.541 χ^2/NDF : 115.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.251 ± 0.359 χ^2/NDF : 497.4/28

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.129 ± 0.566 χ^2/NDF : 529.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.803 ± 0.549 χ^2/NDF : 544.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

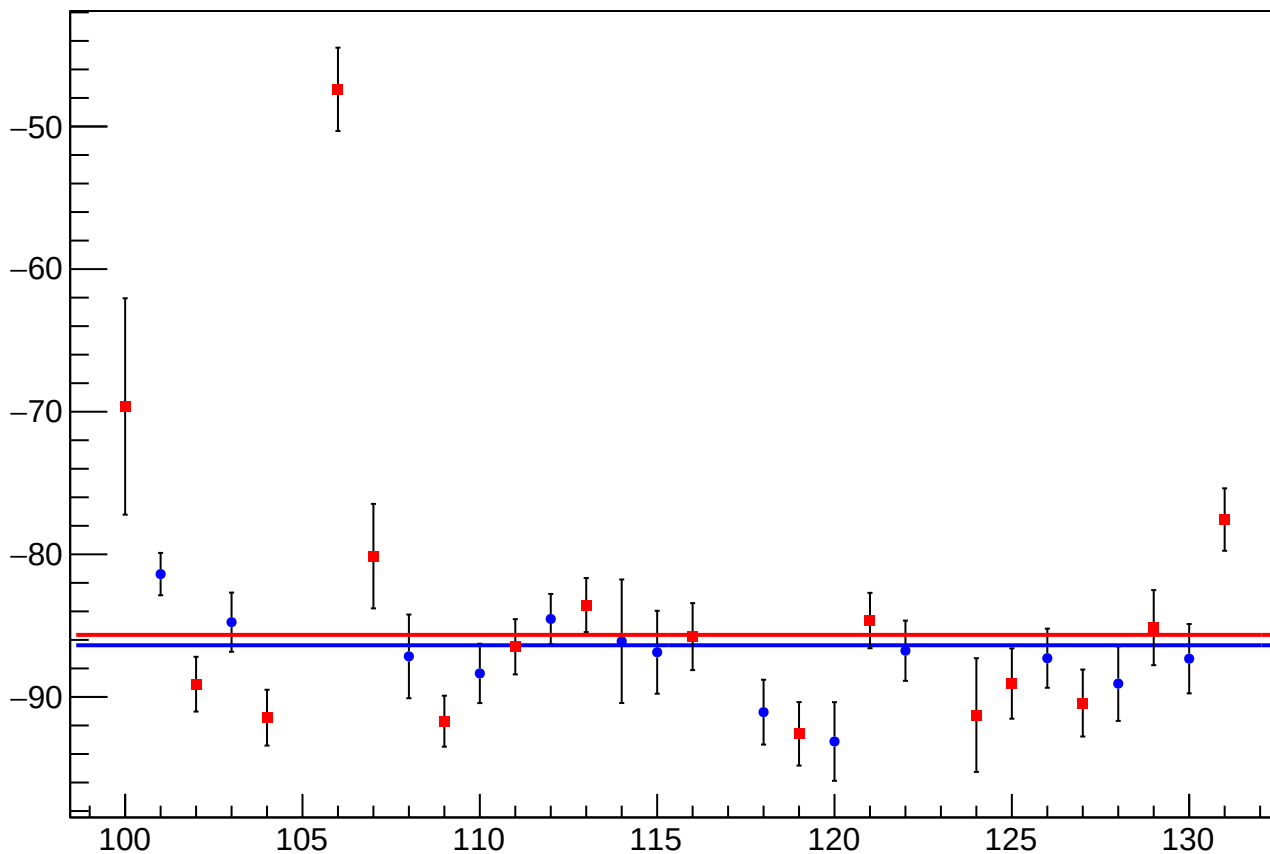
Right: -13.476 ± 0.394 χ^2/NDF : 1074.2/28

In: -13.129 ± 0.566 χ^2/NDF : 529.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.476 ± 0.394 χ^2/NDF : 1074.2/28

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.376 ± 0.617 χ^2/NDF : 25.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -85.647 ± 0.576 χ^2/NDF : 234.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

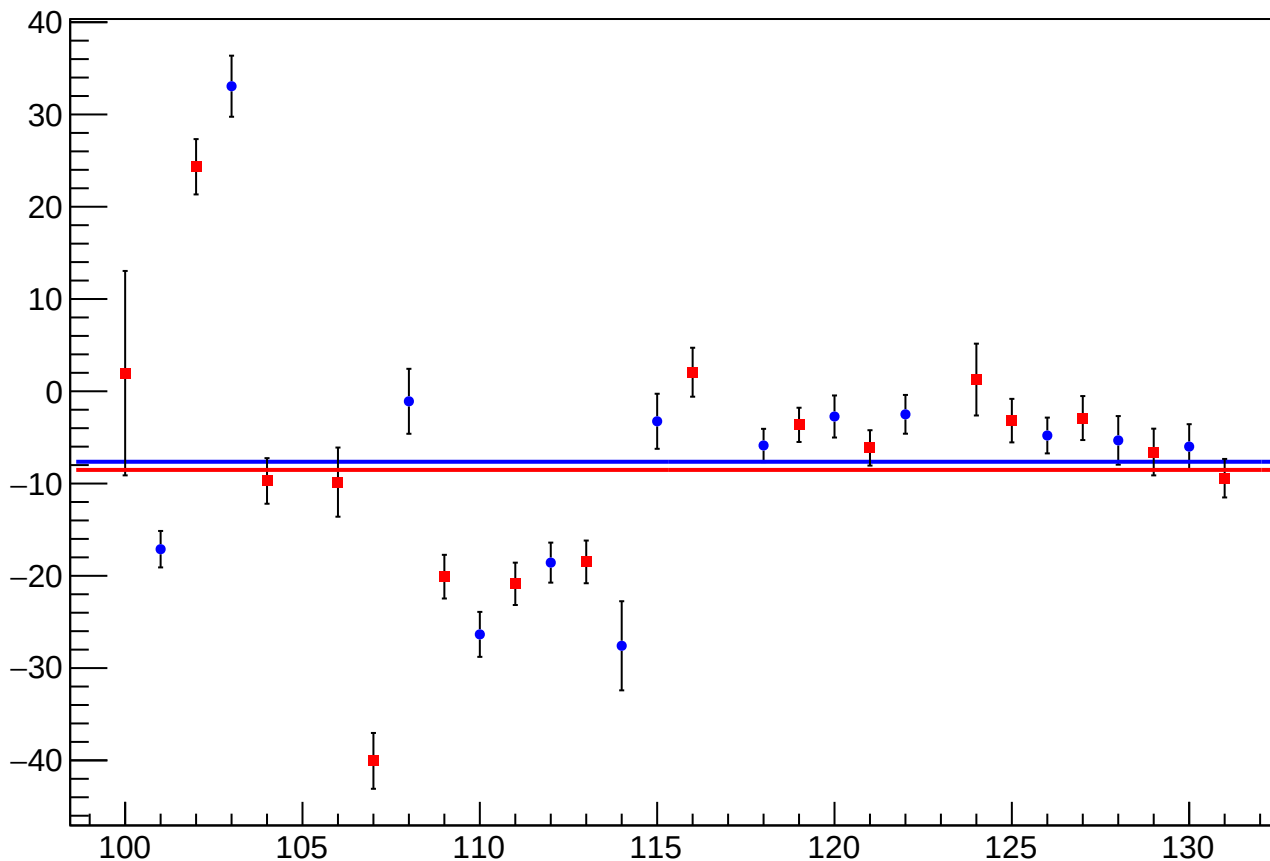
Right: -85.987 ± 0.421 χ^2/NDF : 261.1/28

In: -86.376 ± 0.617 χ^2/NDF : 25.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.987 ± 0.421 χ^2/NDF : 261.1/28

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.639 ± 0.664 χ^2/NDF : 296.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.523 ± 0.629 χ^2/NDF : 343.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

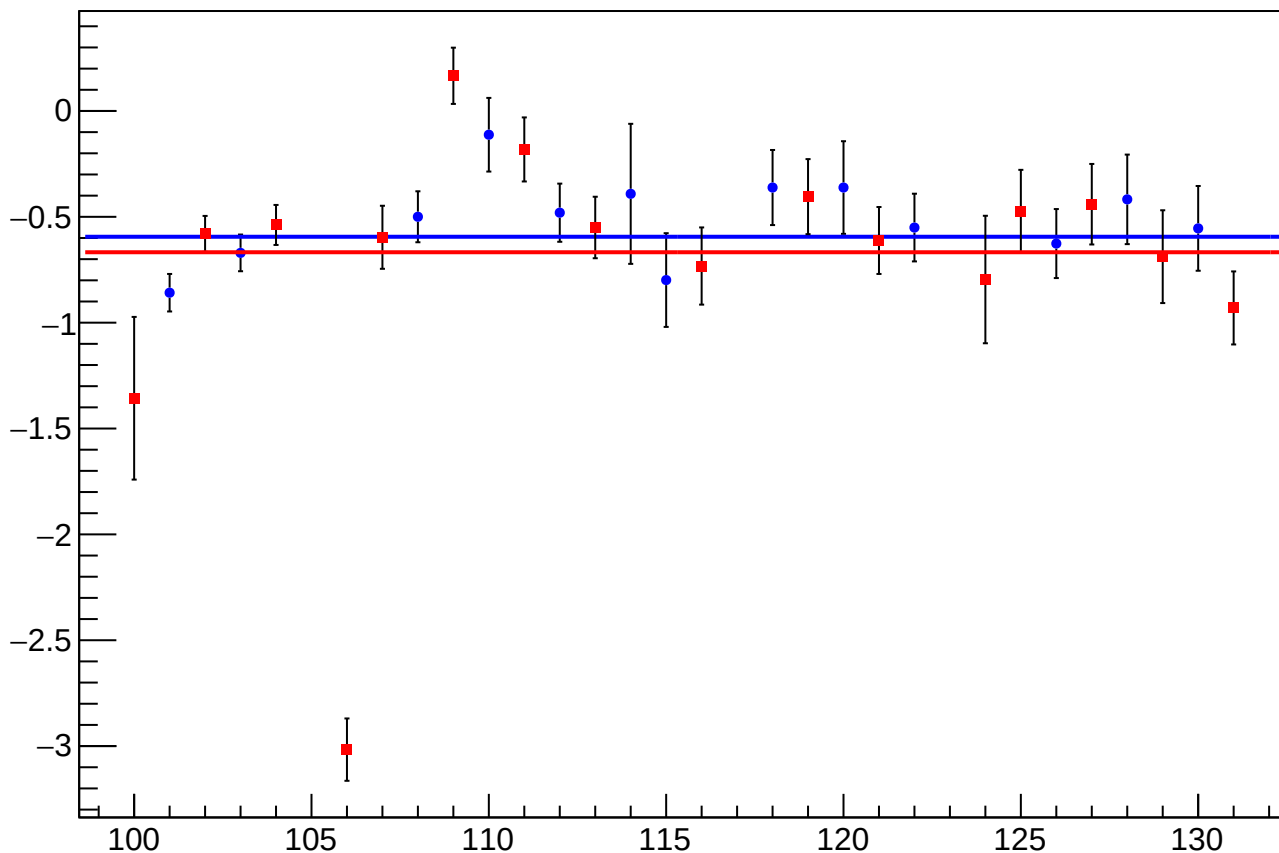
Right: -8.105 ± 0.456 χ^2/NDF : 640.7/28

In: -7.639 ± 0.664 χ^2/NDF : 296.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.105 ± 0.456 χ^2/NDF : 640.7/28

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.594 ± 0.040 χ^2/NDF : 23.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.667 ± 0.037 χ^2/NDF : 318.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

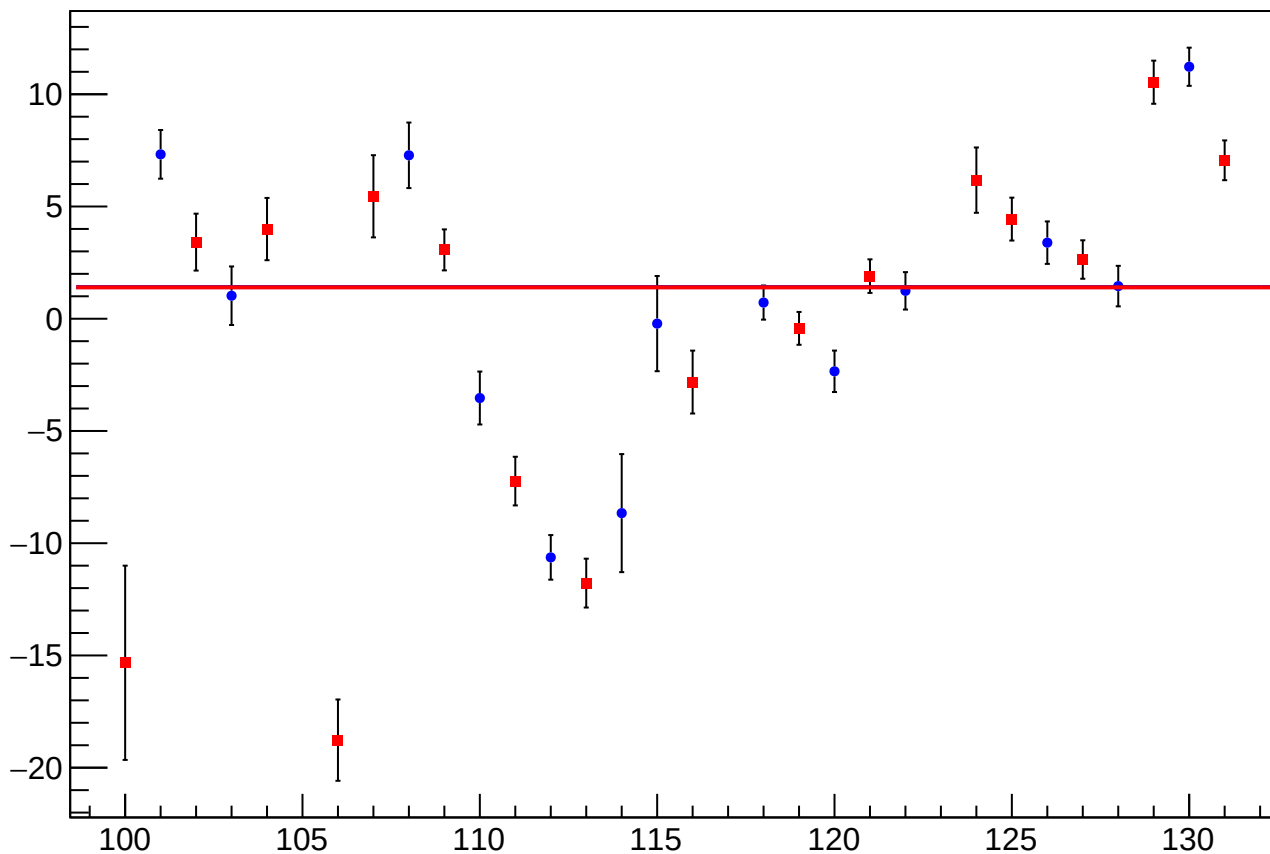
Right: -0.633 ± 0.027 χ^2/NDF : 344.0/28

In: -0.594 ± 0.040 χ^2/NDF : 23.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.633 ± 0.027 χ^2/NDF : 344.0/28

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.410+/-0.288 χ^2/NDF : 380.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.399+/-0.266 χ^2/NDF : 533.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

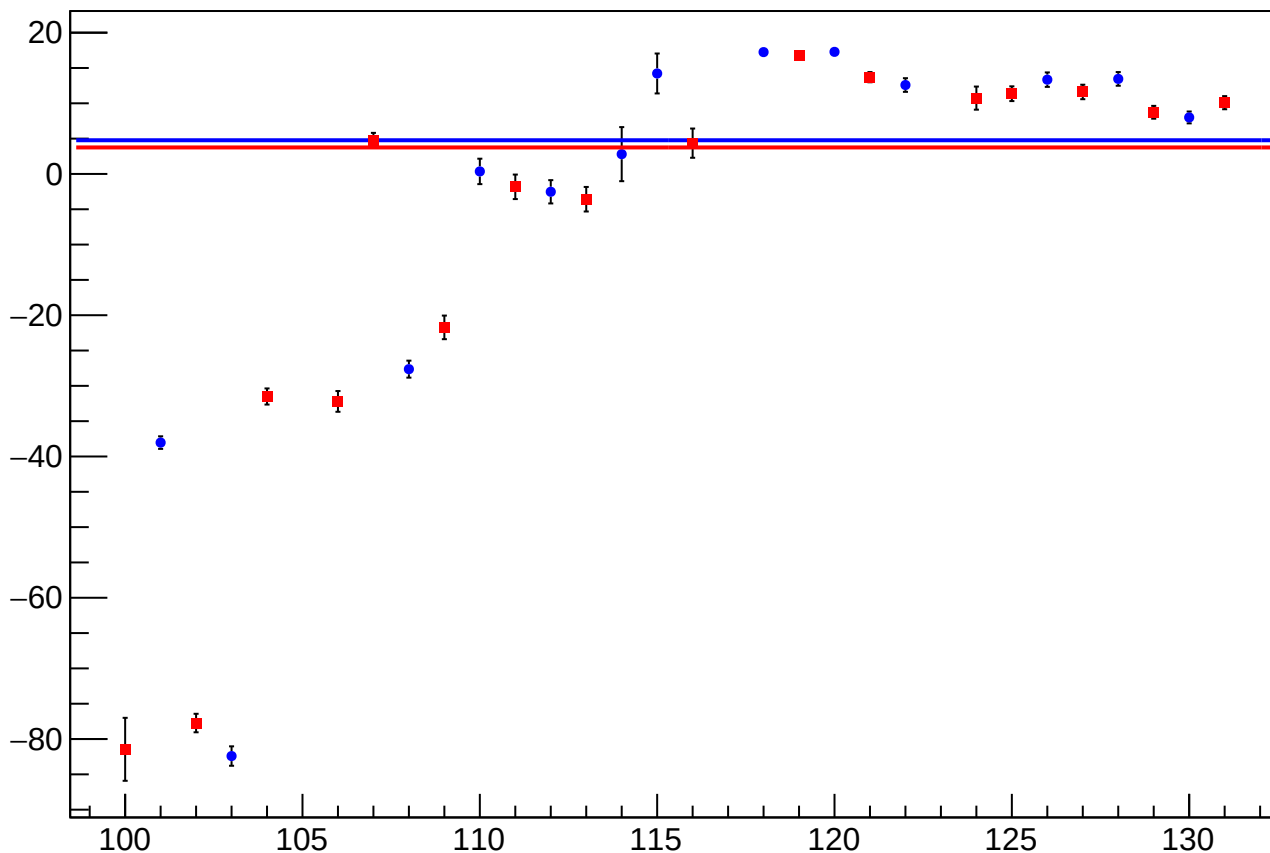
Right: 1.404+/-0.195 χ^2/NDF : 914.1/28

In: 1.410+/-0.288 χ^2/NDF : 380.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.404+/-0.195 χ^2/NDF : 914.1/28

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.770+/-0.254 χ^2/NDF : 8512.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.752+/-0.258 χ^2/NDF : 7208.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

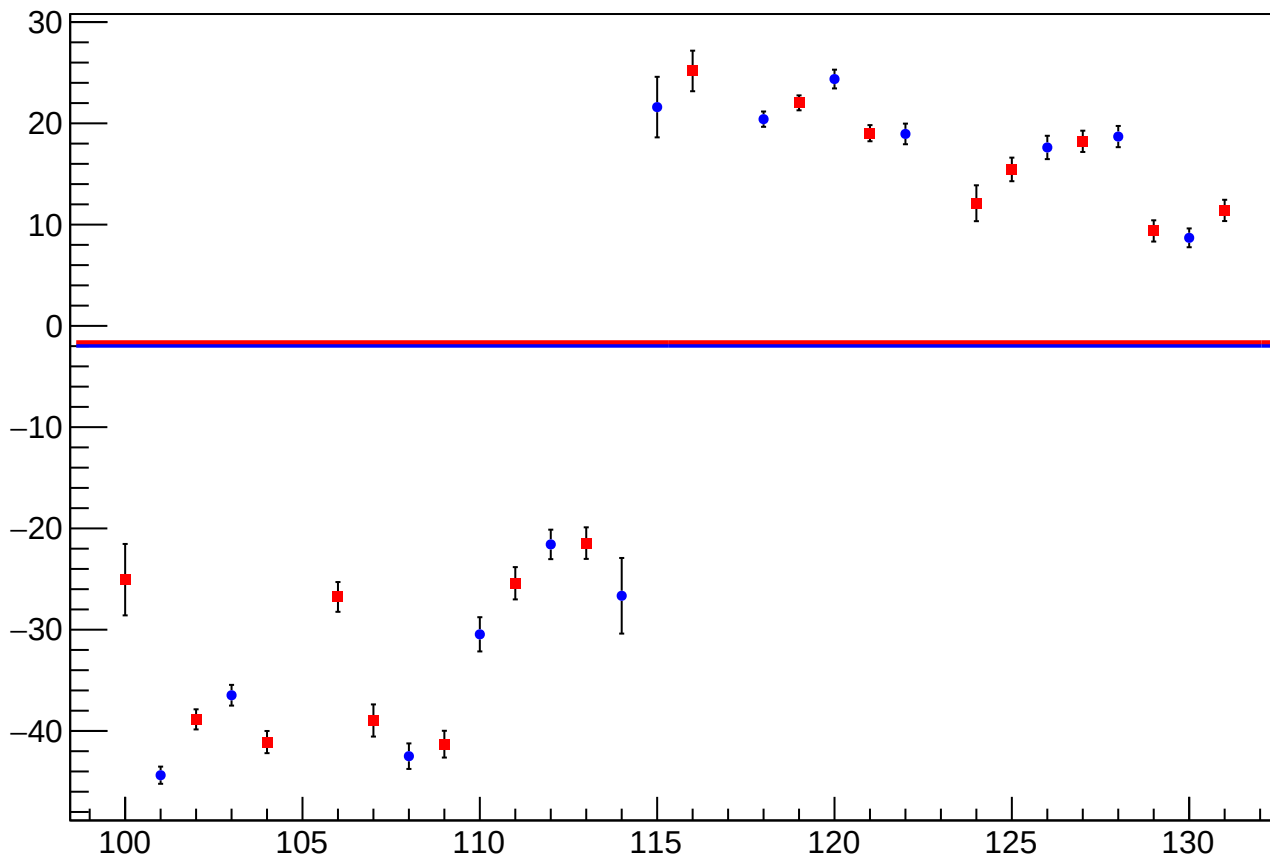
Right: 4.268+/-0.181 χ^2/NDF : 15729.0/28

In: 4.770+/-0.254 χ^2/NDF :8512.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.268+/-0.181 χ^2/NDF : 15729.0/28

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.958+/-0.306 χ^2/NDF : 8154.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.614+/-0.294 χ^2/NDF : 7653.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

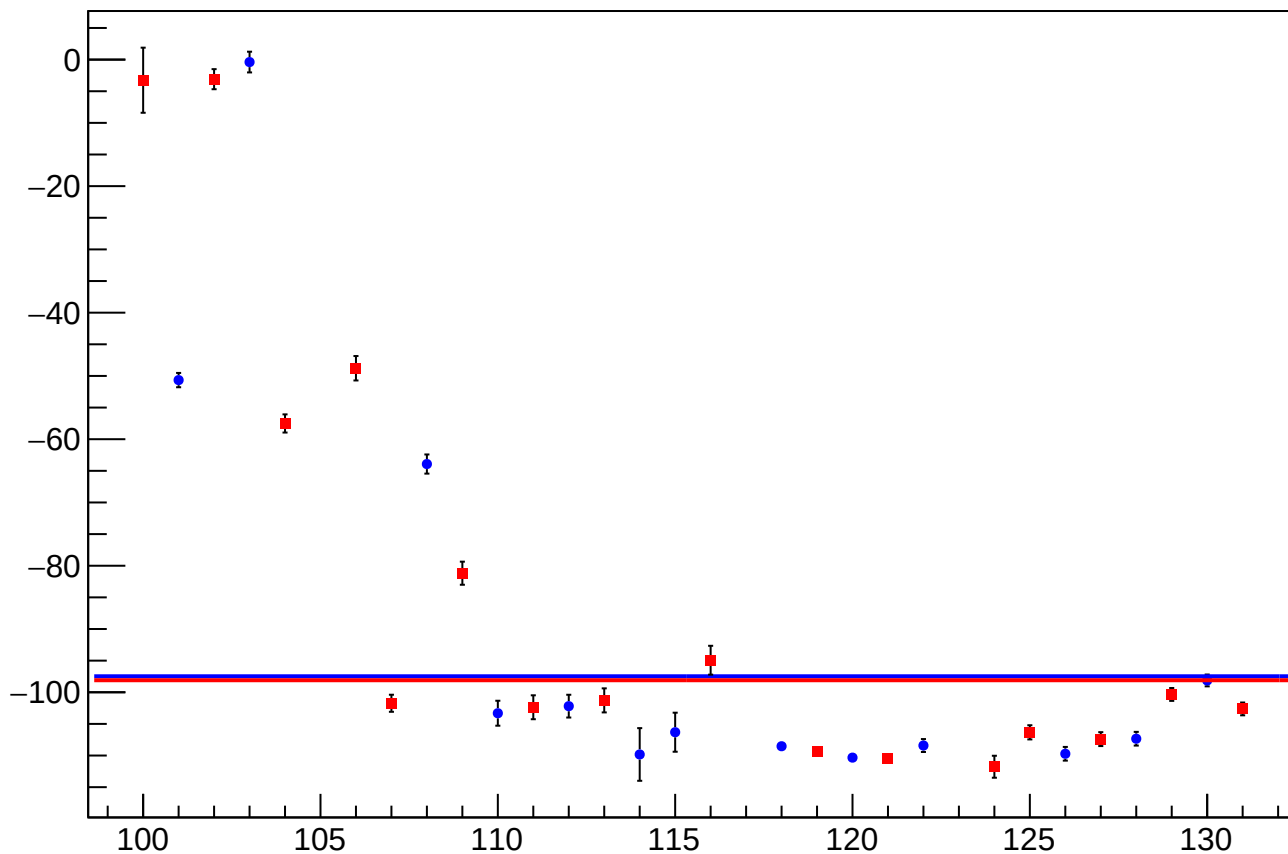
Right: -1.778+/-0.212 χ^2/NDF : 15808.4/28

In: -1.958+/-0.306 χ^2/NDF : 8154.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.778+/-0.212 χ^2/NDF : 15808.4/28

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.474 ± 0.307 $\chi^2/\text{NDF}: 6694.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -98.098 ± 0.301 $\chi^2/\text{NDF}: 6283.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

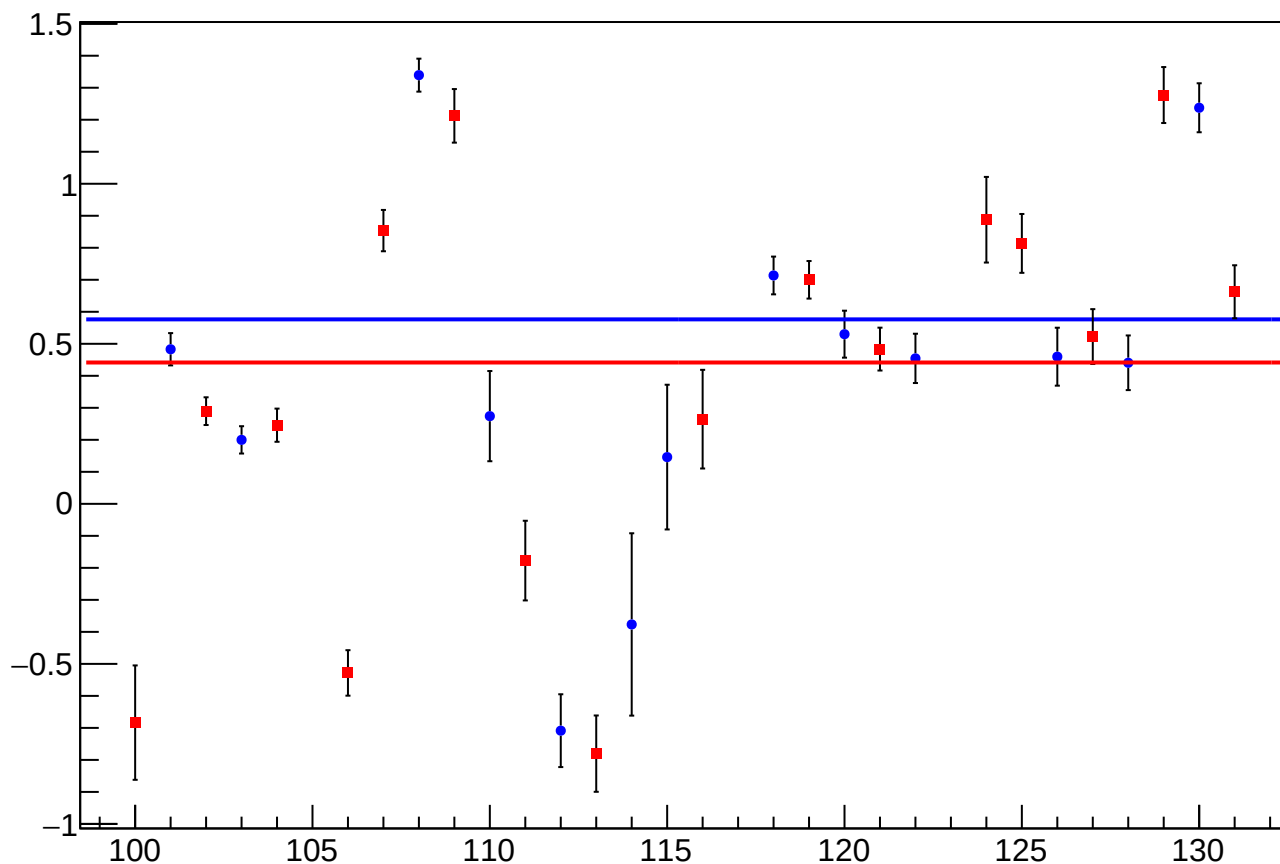
Right: -97.791 ± 0.215 $\chi^2/\text{NDF}: 12979.5/28$

In: -97.474 ± 0.307 $\chi^2/\text{NDF}: 6694.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -97.791 ± 0.215 $\chi^2/\text{NDF}: 12979.5/28$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.576 $\pm$ 0.020 χ^2 /NDF: 535.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.442 $\pm$ 0.019 χ^2 /NDF: 655.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

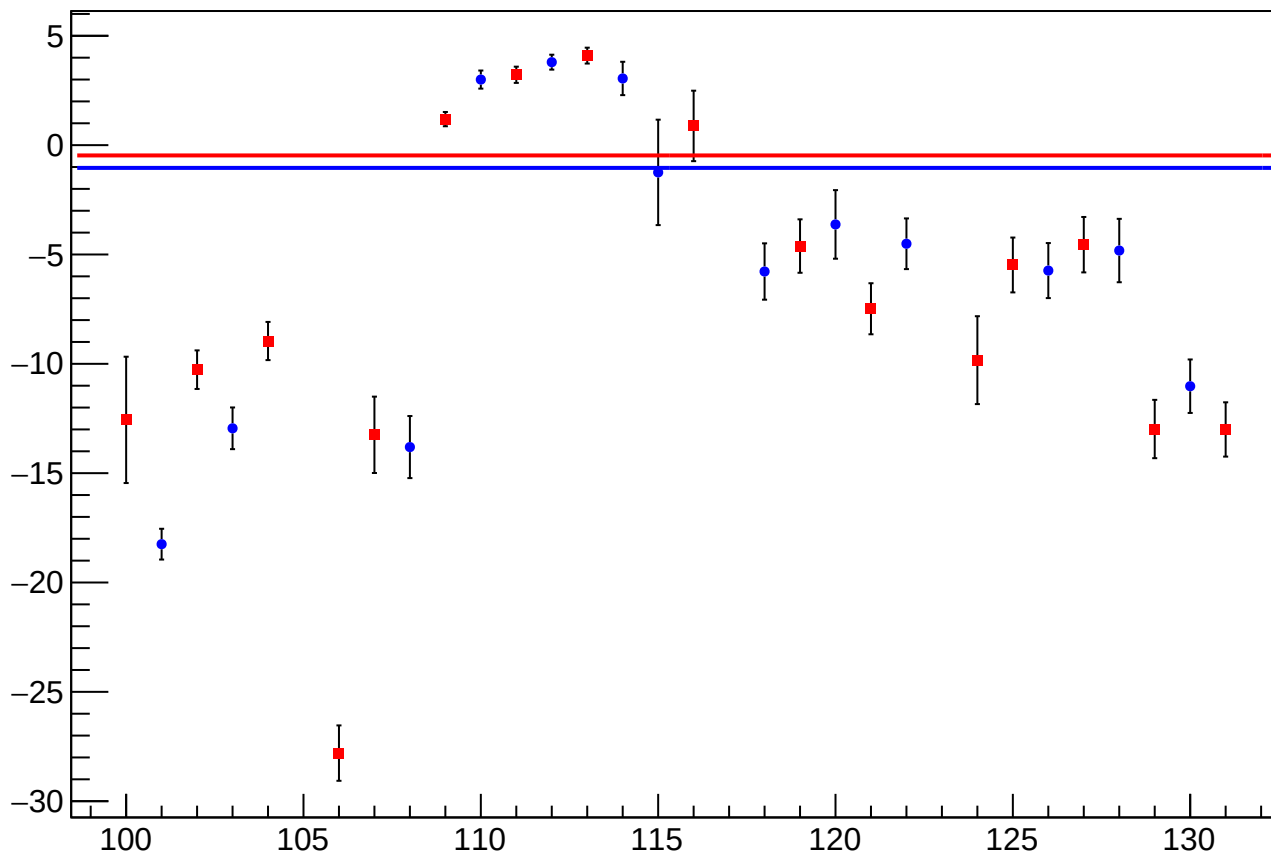
Right: 0.506 $\pm$ 0.014 χ^2 /NDF: 1214.9/28

In: 0.576 $\pm$ 0.020 χ^2 /NDF:535.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.506 $\pm$ 0.014 χ^2 /NDF: 1214.9/28

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.040+/-0.206 χ^2 /NDF: 1272.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.470+/-0.176 χ^2 /NDF: 1323.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

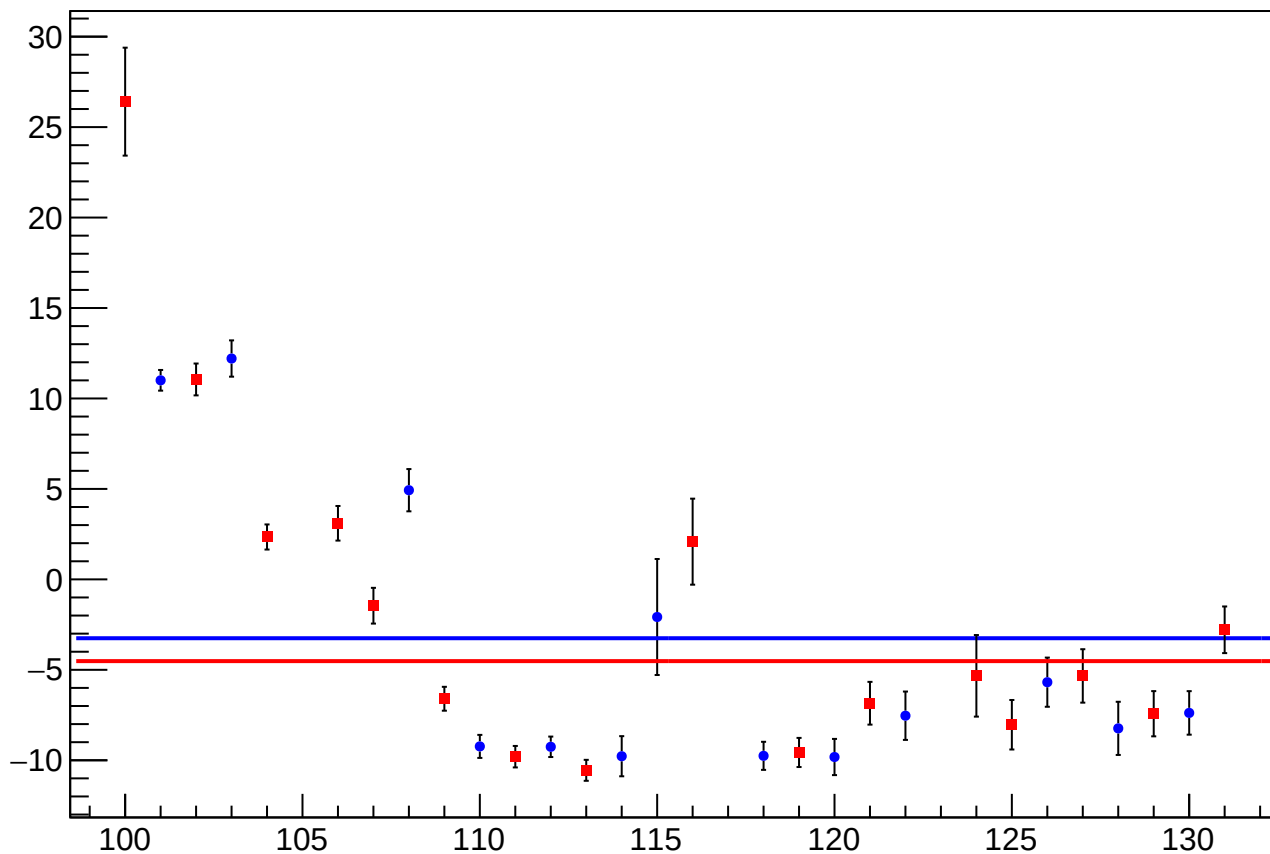
Right: -0.710+/-0.134 χ^2 /NDF: 2600.5/28

In: -1.040+/-0.206 χ^2 /NDF:1272.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.710+/-0.134 χ^2 /NDF: 2600.5/28

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.254+/-0.248 χ^2/NDF : 1294.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.519+/-0.232 χ^2/NDF : 854.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

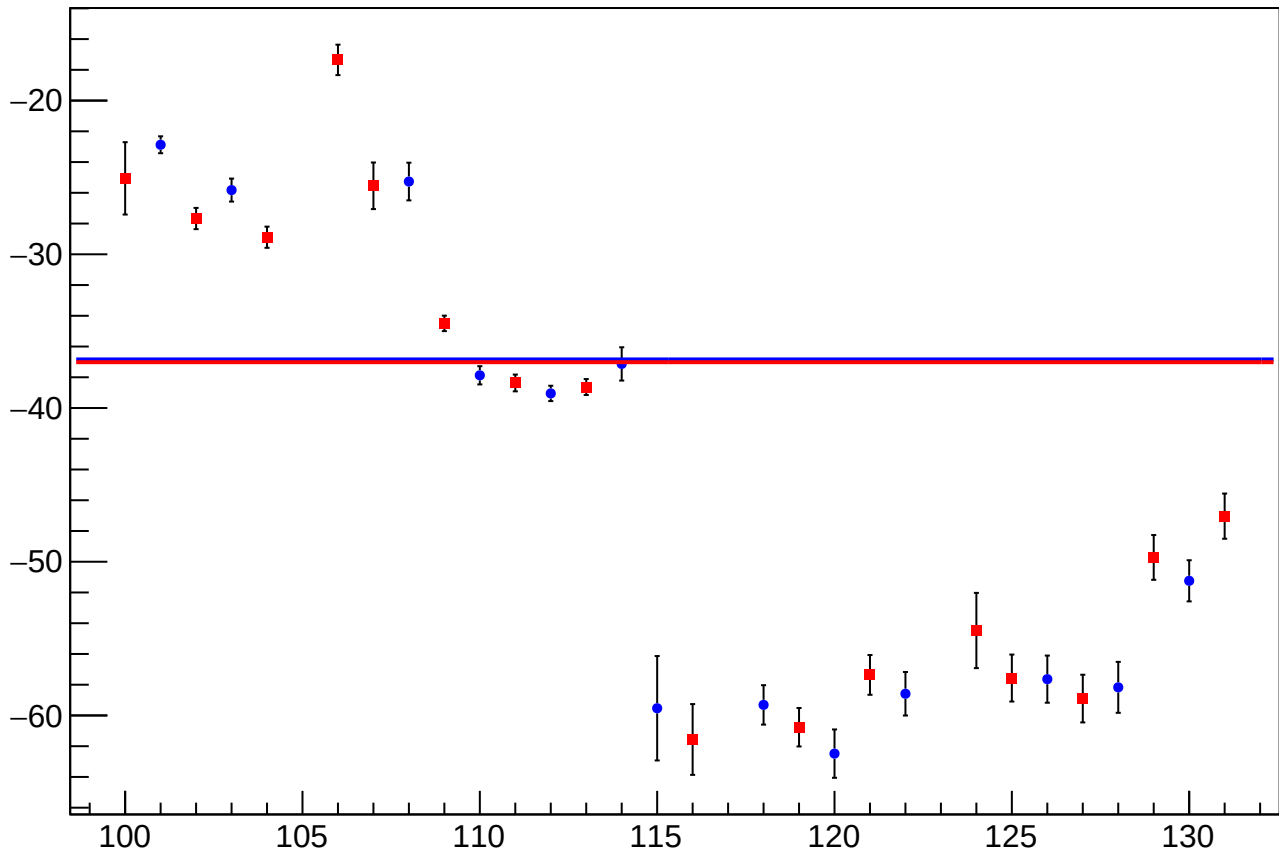
Right: -3.929+/-0.170 χ^2/NDF : 2162.0/28

In: -3.254+/-0.248 χ^2/NDF : 1294.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.929+/-0.170 χ^2/NDF : 2162.0/28

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.840 $\pm$ 0.247 χ^2 /NDF: 2291.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.018 $\pm$ 0.222 χ^2 /NDF: 2115.1/15

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

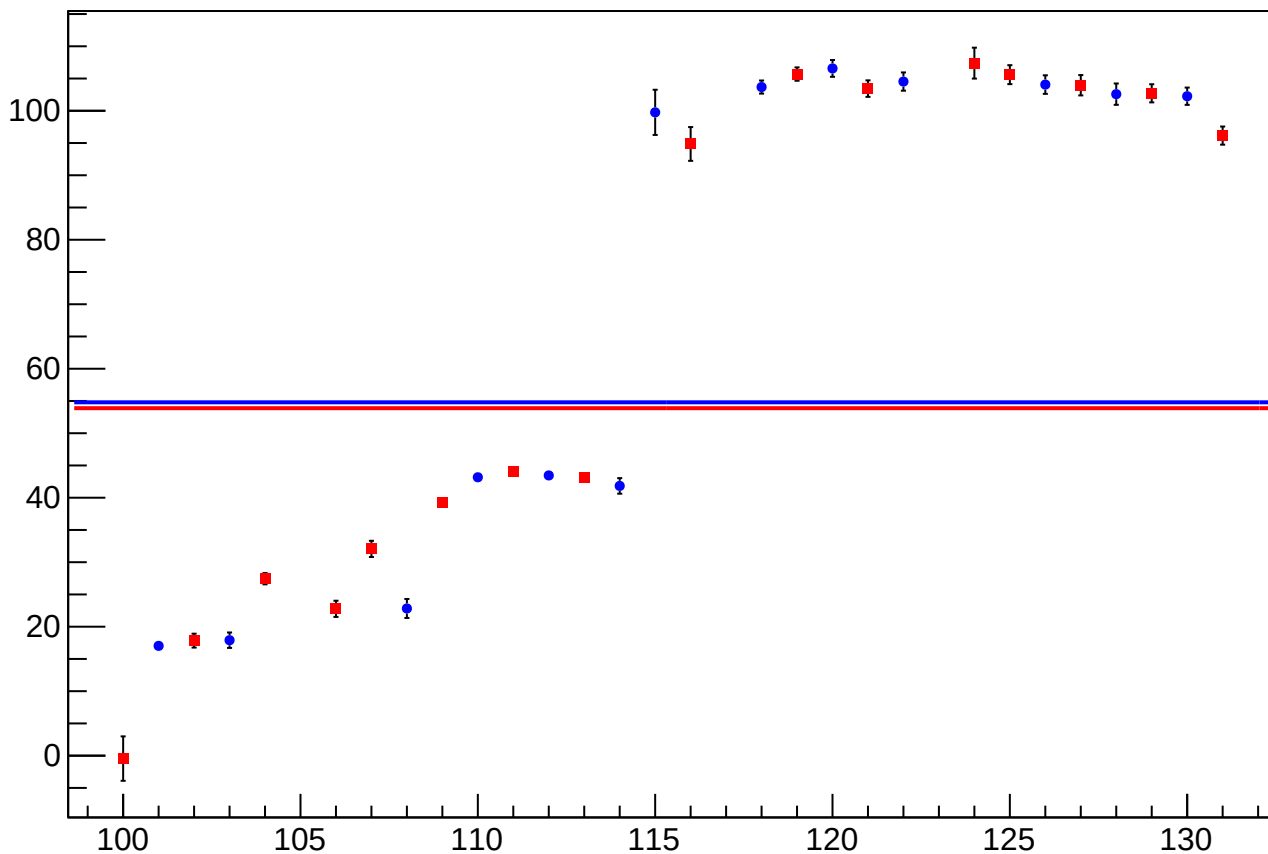
Right: -36.938 $\pm$ 0.165 χ^2 /NDF: 4406.9/28

In: -36.840 $\pm$ 0.247 χ^2 /NDF:2291.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.938 $\pm$ 0.165 χ^2 /NDF: 4406.9/28

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.793+/-0.289 χ^2/NDF : 13404.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 53.883+/-0.265 χ^2/NDF : 13264.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

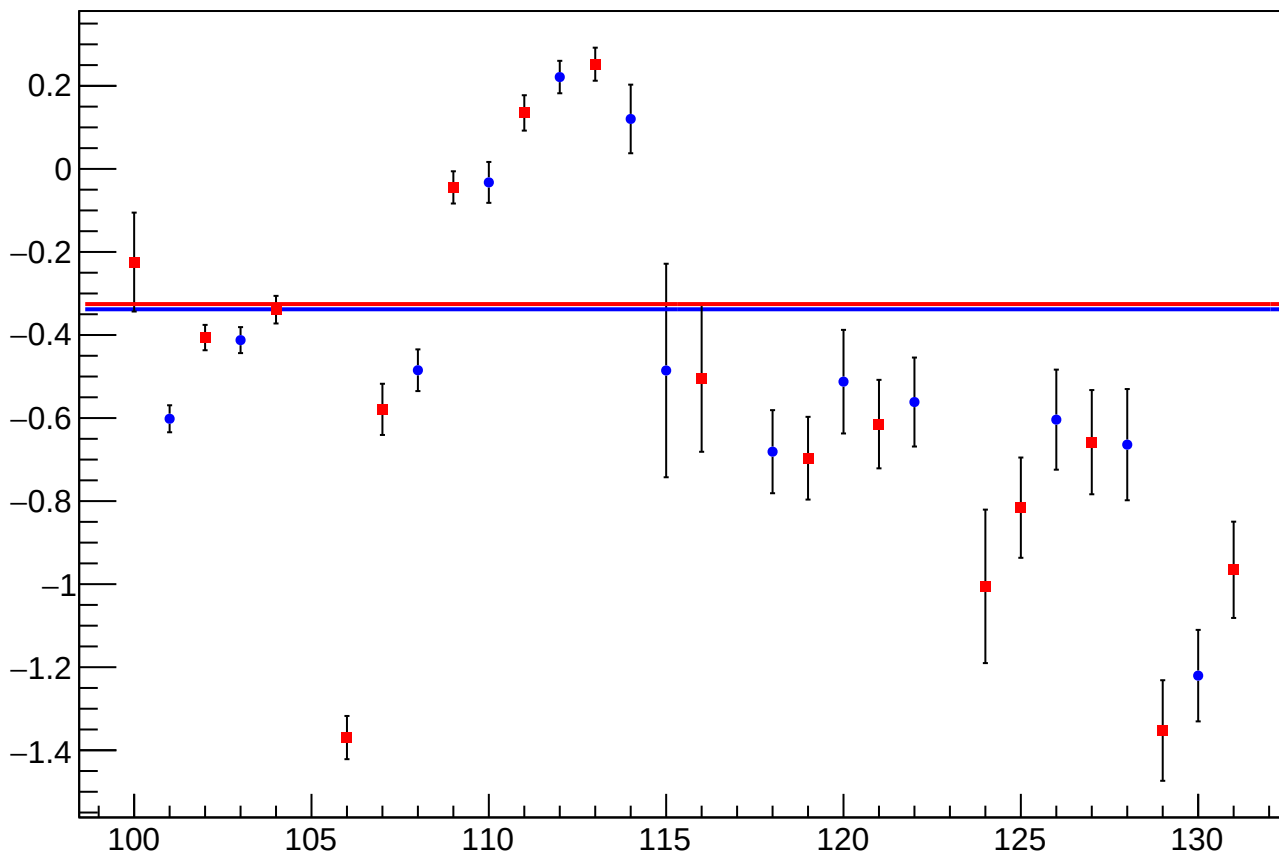
Right: 54.299+/-0.195 χ^2/NDF : 26674.3/28

In: 54.793+/-0.289 χ^2/NDF :13404.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.299+/-0.195 χ^2/NDF : 26674.3/28

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.338+/-0.016 χ^2/NDF : 447.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.326+/-0.014 χ^2/NDF : 968.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

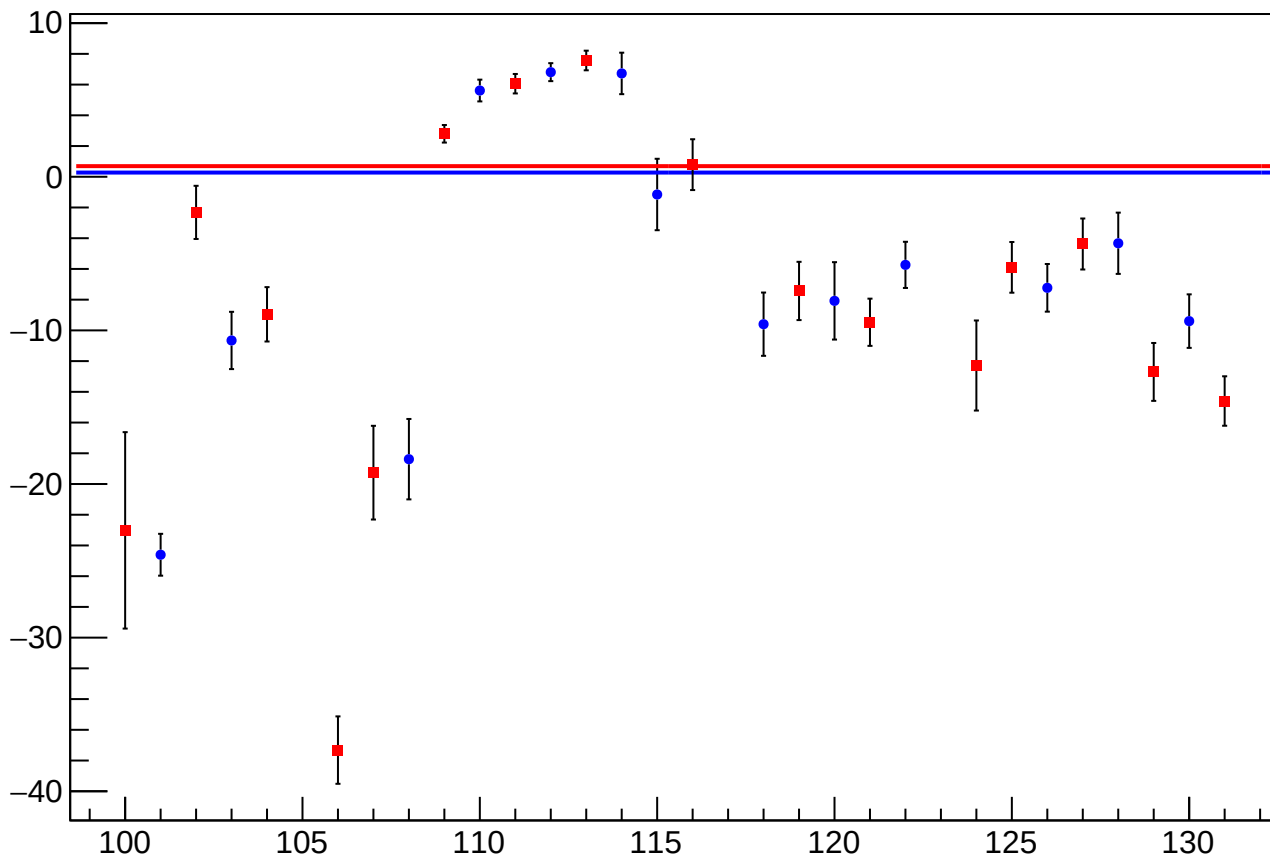
Right: -0.331+/-0.010 χ^2/NDF : 1416.8/28

In: -0.338+/-0.016 χ^2/NDF :447.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.331+/-0.010 χ^2/NDF : 1416.8/28

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.273+/-0.344 χ^2/NDF : 733.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.691+/-0.294 χ^2/NDF : 838.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

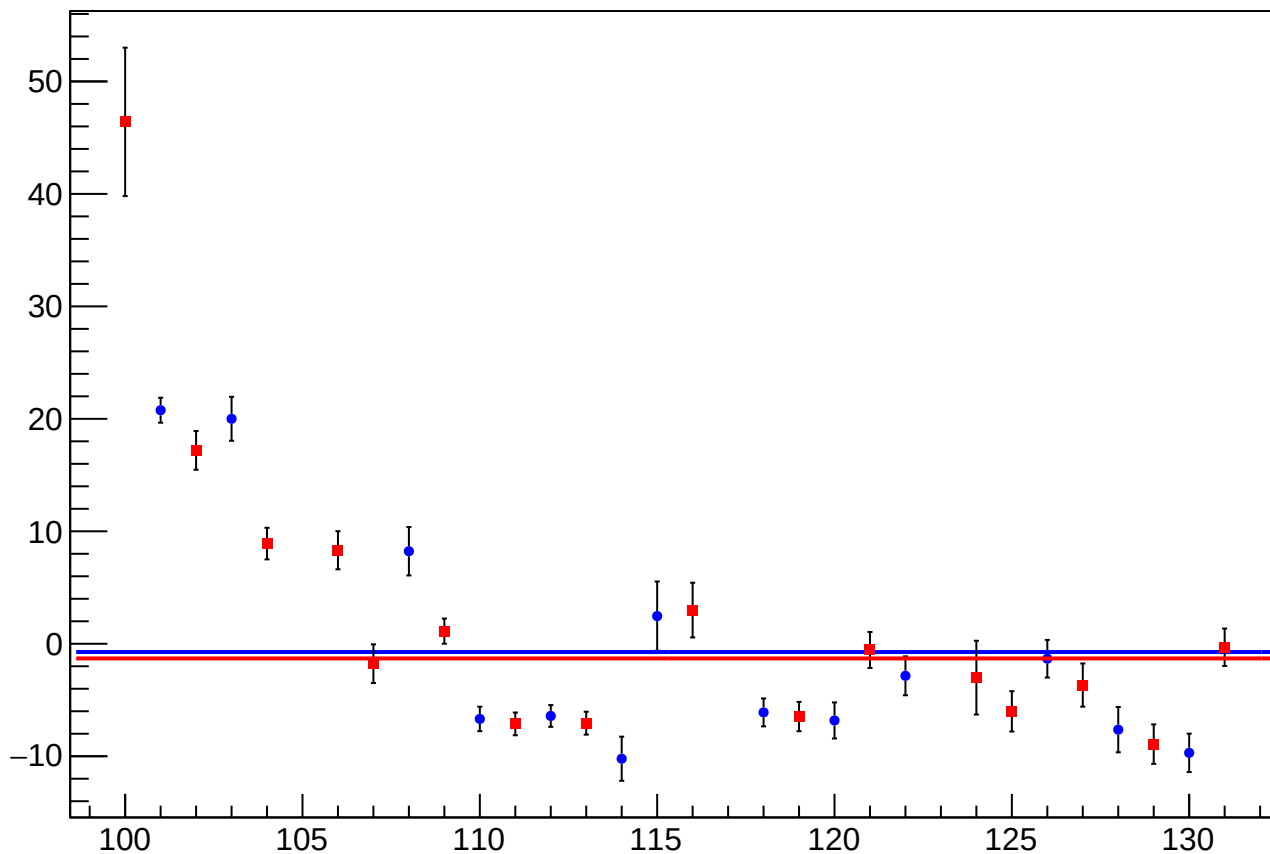
Right: 0.515+/-0.223 χ^2/NDF : 1572.4/28

In: 0.273+/-0.344 χ^2/NDF : 733.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.515+/-0.223 χ^2/NDF : 1572.4/28

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.735 ± 0.412 χ^2/NDF : 667.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.304 ± 0.383 χ^2/NDF : 369.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

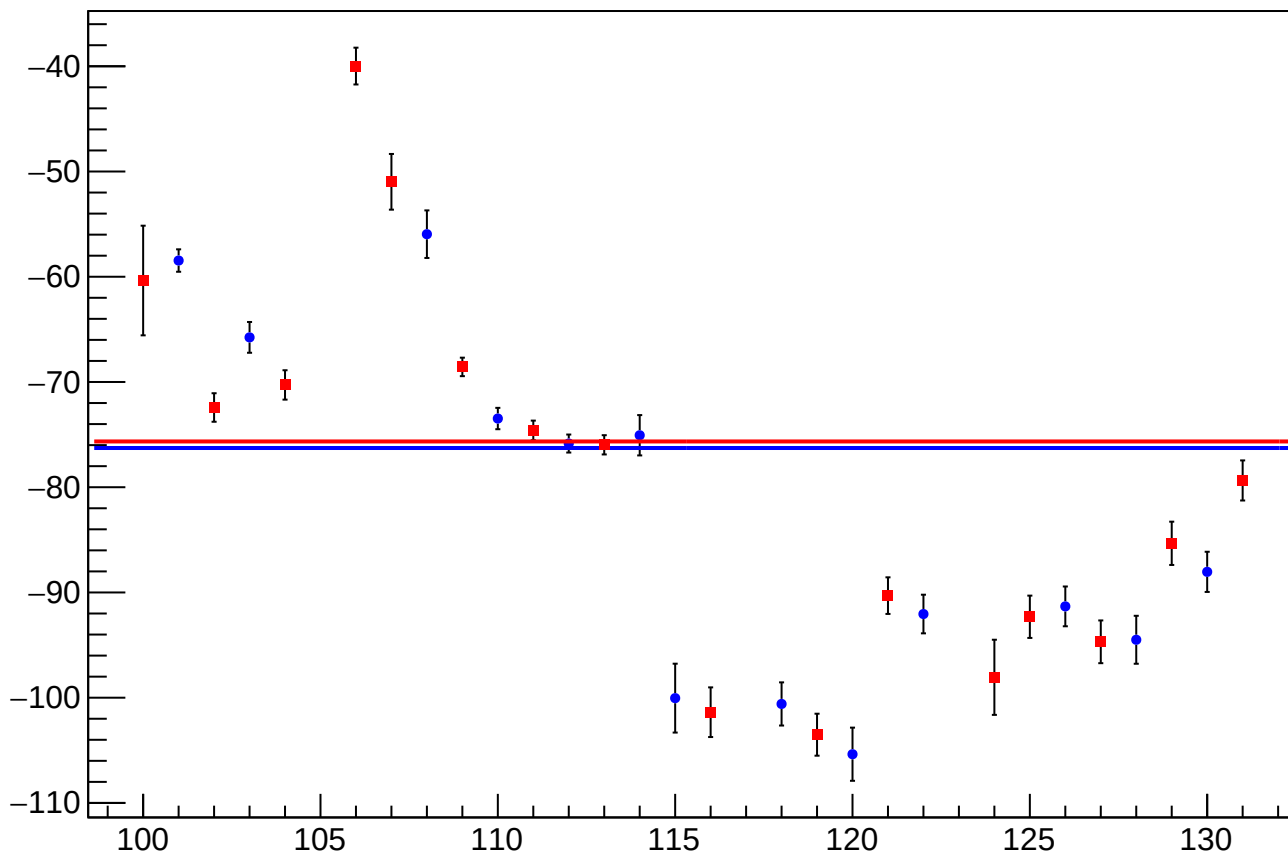
Right: -1.040 ± 0.281 χ^2/NDF : 1037.7/28

In: -0.735 ± 0.412 χ^2/NDF : 667.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.040 ± 0.281 χ^2/NDF : 1037.7/28

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.274+/-0.419 χ^2/NDF : 985.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.651+/-0.377 χ^2/NDF : 1205.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

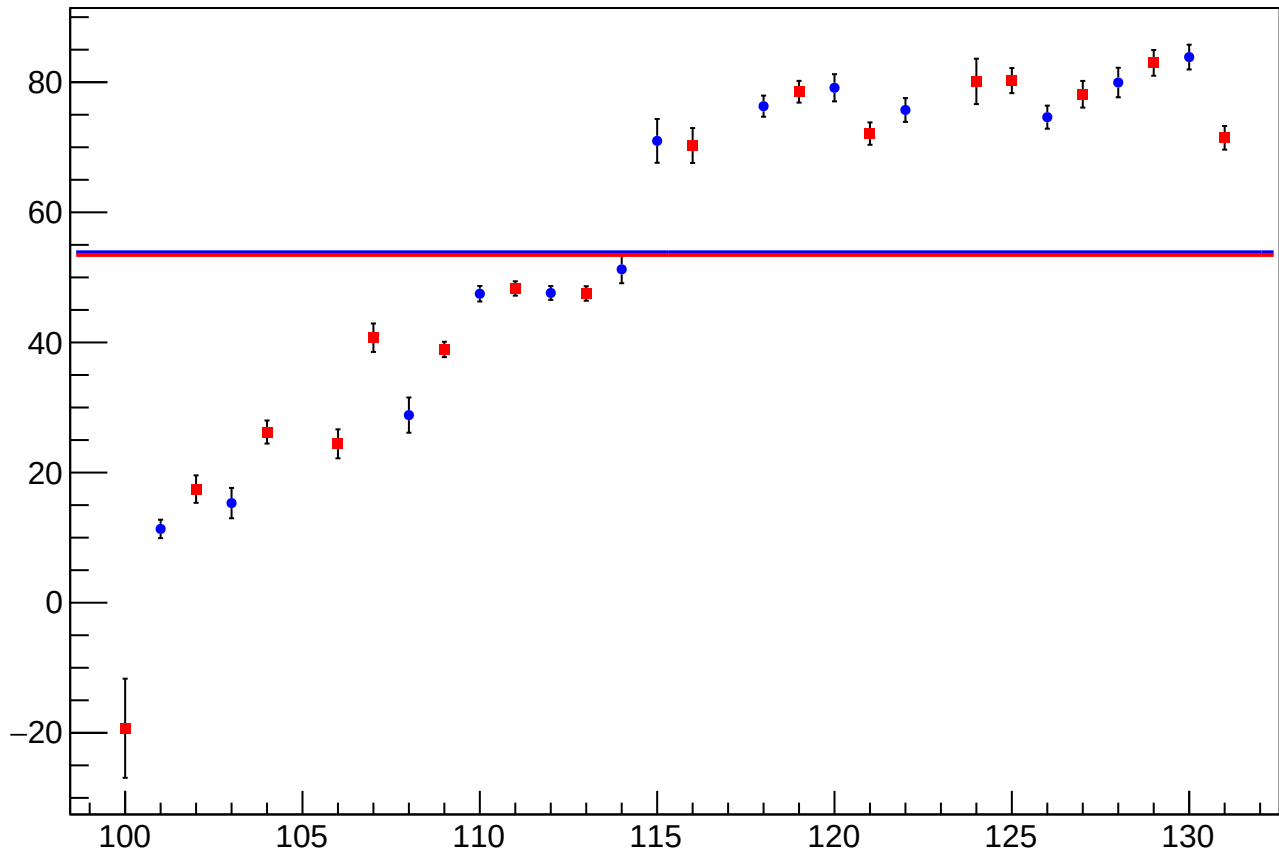
Right: -75.929+/-0.280 χ^2/NDF : 2192.1/28

In: -76.274+/-0.419 χ^2/NDF : 985.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.929+/-0.280 χ^2/NDF : 2192.1/28

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.851+/-0.476 χ^2/NDF : 2348.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.457+/-0.435 χ^2/NDF : 2123.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

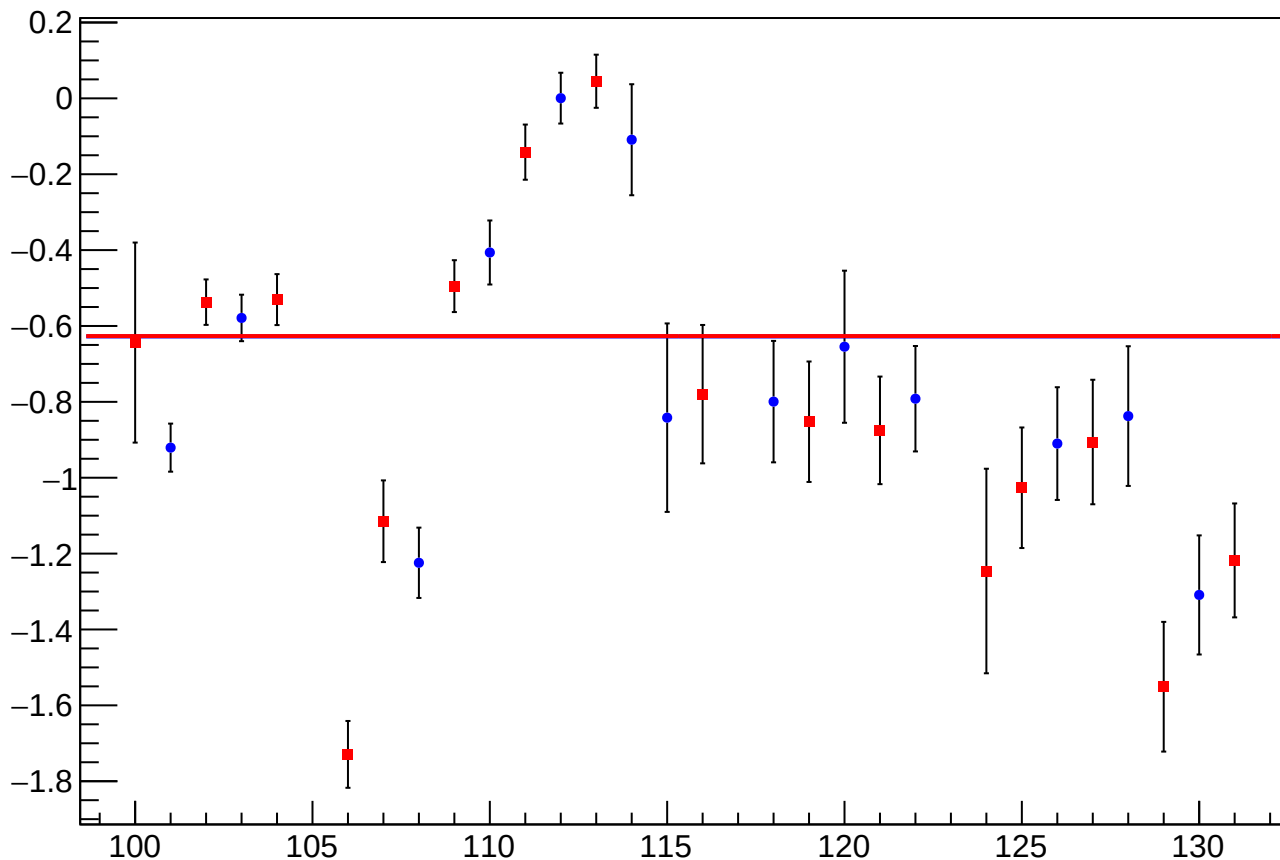
Right: 53.636+/-0.321 χ^2/NDF : 4472.0/28

In: 53.851+/-0.476 χ^2/NDF : 2348.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.636+/-0.321 χ^2/NDF : 4472.0/28

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.628 ± 0.028 χ^2/NDF : 198.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.627 ± 0.025 χ^2/NDF : 386.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

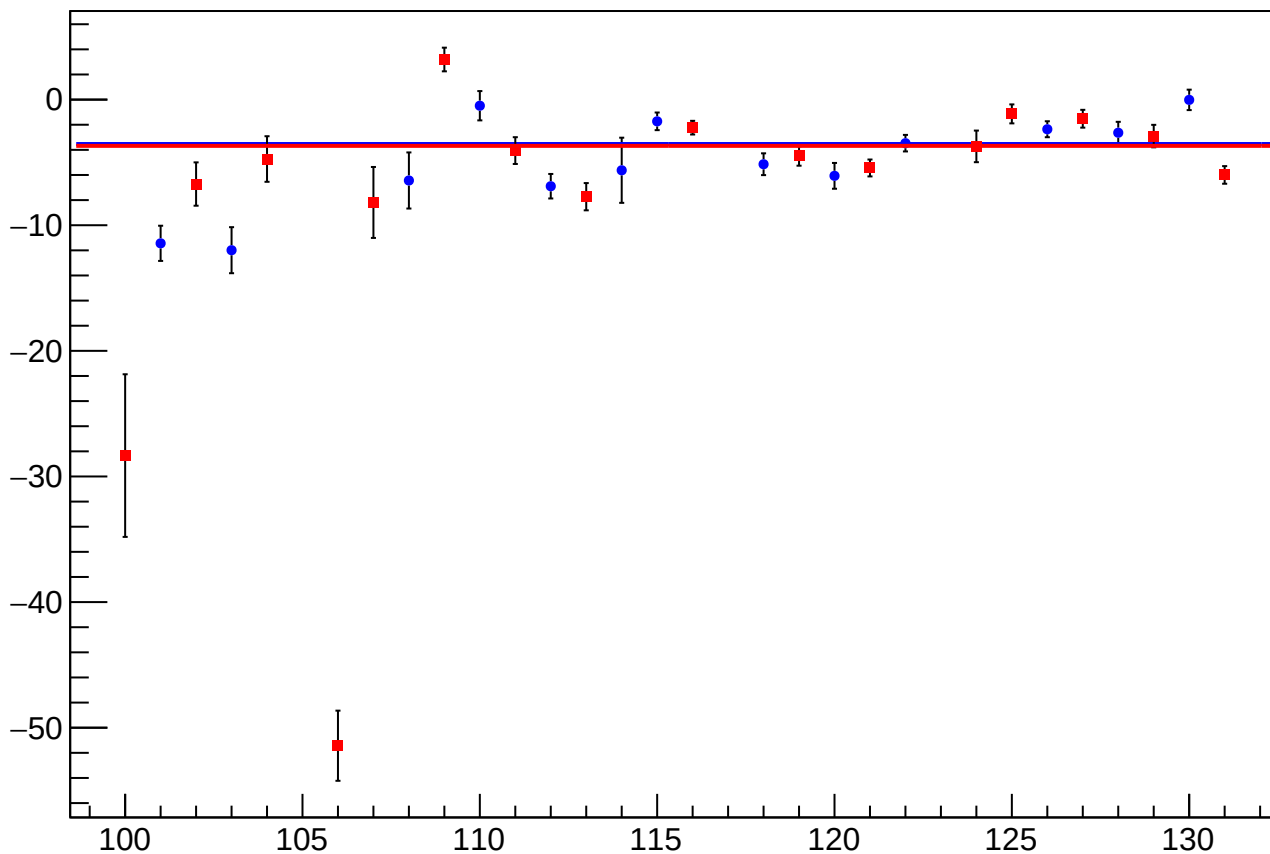
Right: -0.627 ± 0.019 χ^2/NDF : 584.8/28

In: -0.628 ± 0.028 χ^2/NDF : 198.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.627 ± 0.019 χ^2/NDF : 584.8/28

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.537 $\pm$ 0.259 χ^2 /NDF: 113.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.681 $\pm$ 0.231 χ^2 /NDF: 427.6/15

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

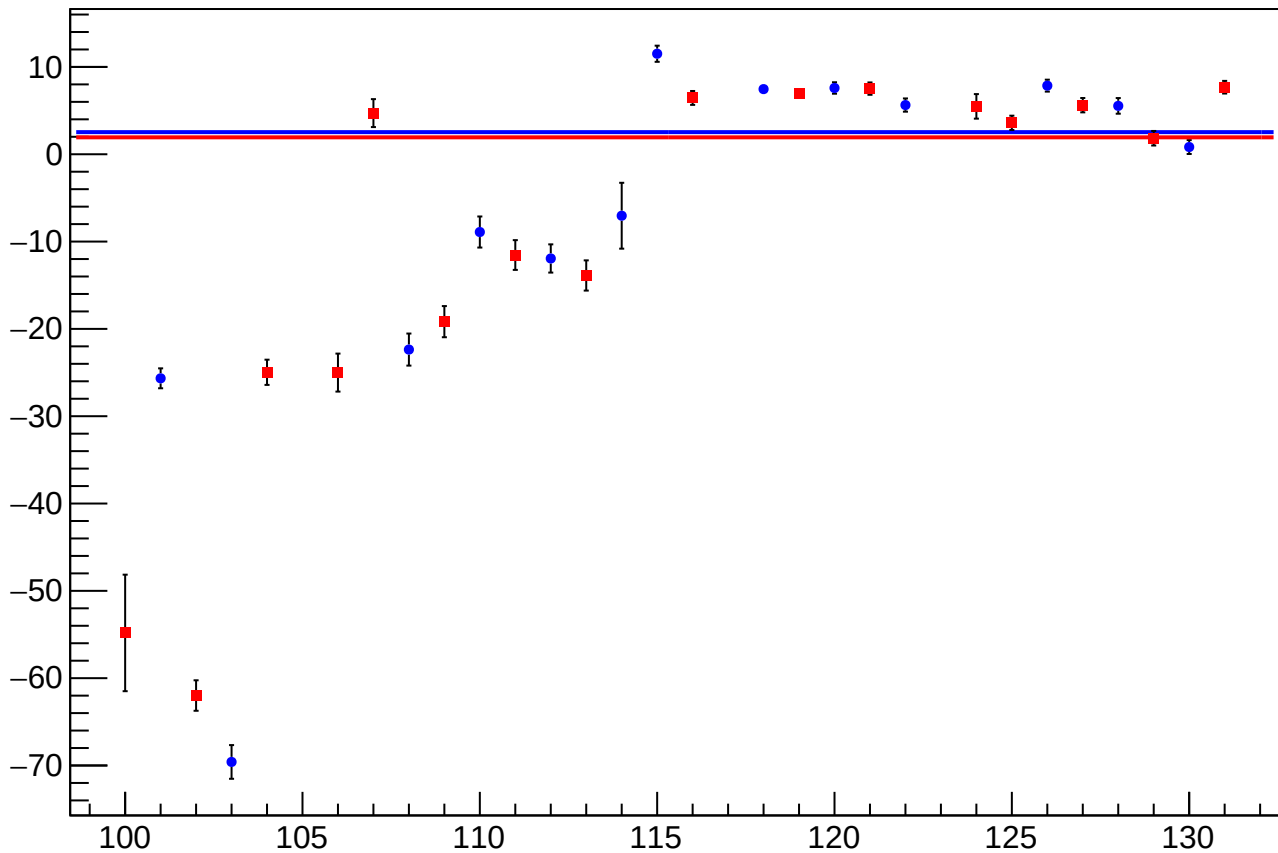
Right: -3.617 $\pm$ 0.173 χ^2 /NDF: 541.2/28

In: -3.537 $\pm$ 0.259 χ^2 /NDF:113.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.617 $\pm$ 0.173 χ^2 /NDF: 541.2/28

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.532 $\pm$ 0.250 χ^2 /NDF: 2654.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.937 $\pm$ 0.248 χ^2 /NDF: 2479.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

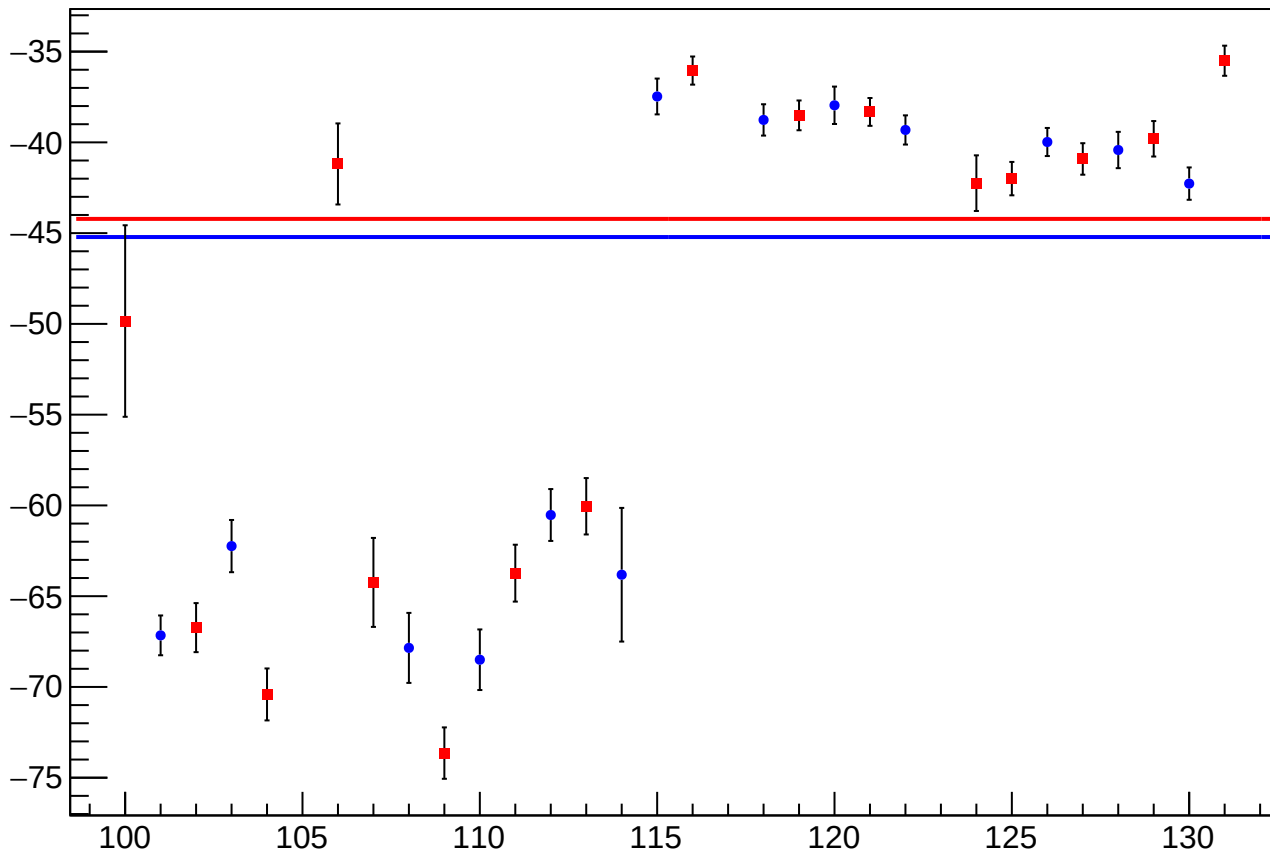
Right: 2.232 $\pm$ 0.176 χ^2 /NDF: 5137.2/28

In: 2.532 $\pm$ 0.250 χ^2 /NDF:2654.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.232 $\pm$ 0.176 χ^2 /NDF: 5137.2/28

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.215+/-0.298 χ^2/NDF : 1314.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.216+/-0.277 χ^2/NDF : 1744.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

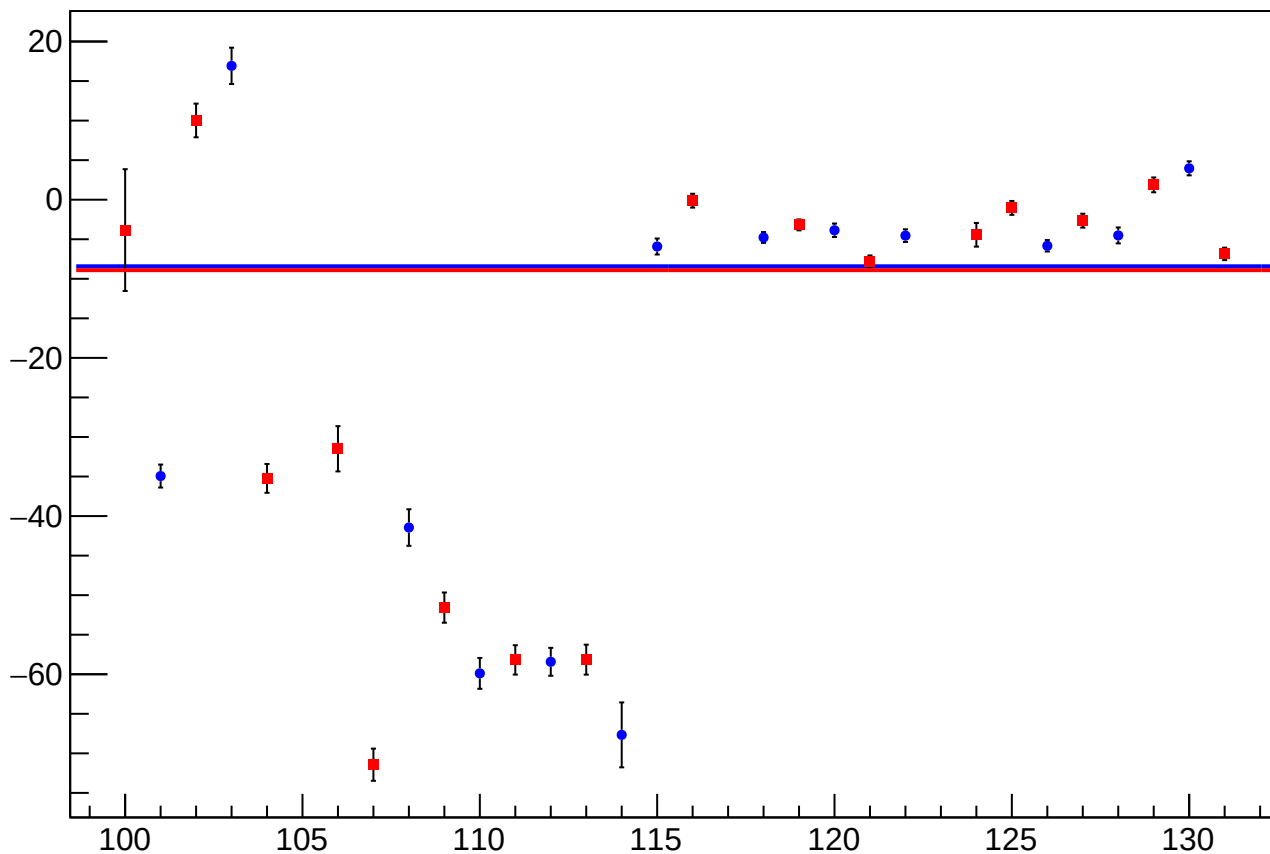
Right: -44.680+/-0.203 χ^2/NDF : 3064.9/28

In: -45.215+/-0.298 χ^2/NDF : 1314.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.680+/-0.203 χ^2/NDF : 3064.9/28

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.420+/-0.292 χ^2 /NDF: 2674.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.908+/-0.281 χ^2 /NDF: 3623.2/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

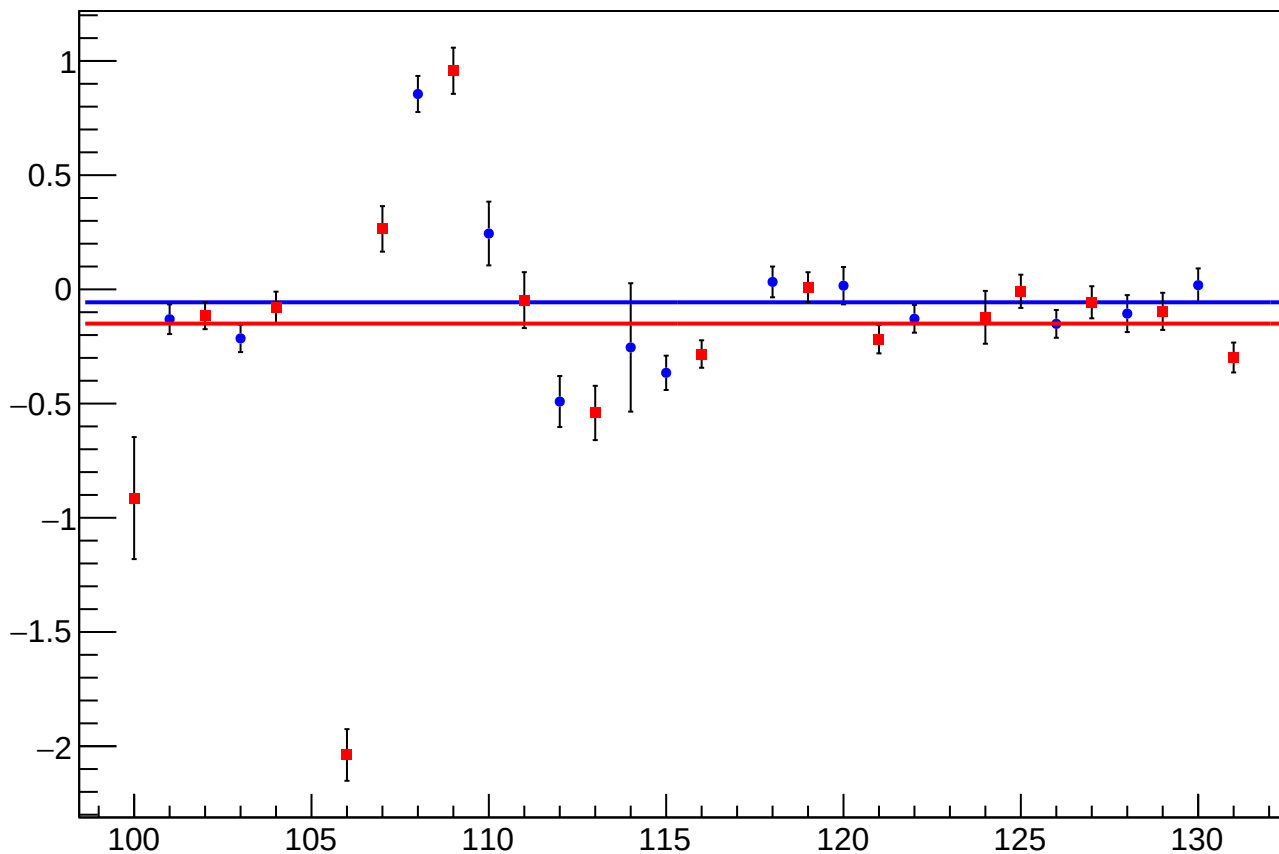
Right: -8.674+/-0.203 χ^2 /NDF: 6298.8/28

In: -8.420+/-0.292 χ^2 /NDF:2674.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.674+/-0.203 χ^2 /NDF: 6298.8/28

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.021 χ^2 /NDF: 186.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.150 $\pm$ 0.020 χ^2 /NDF: 460.5/15

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

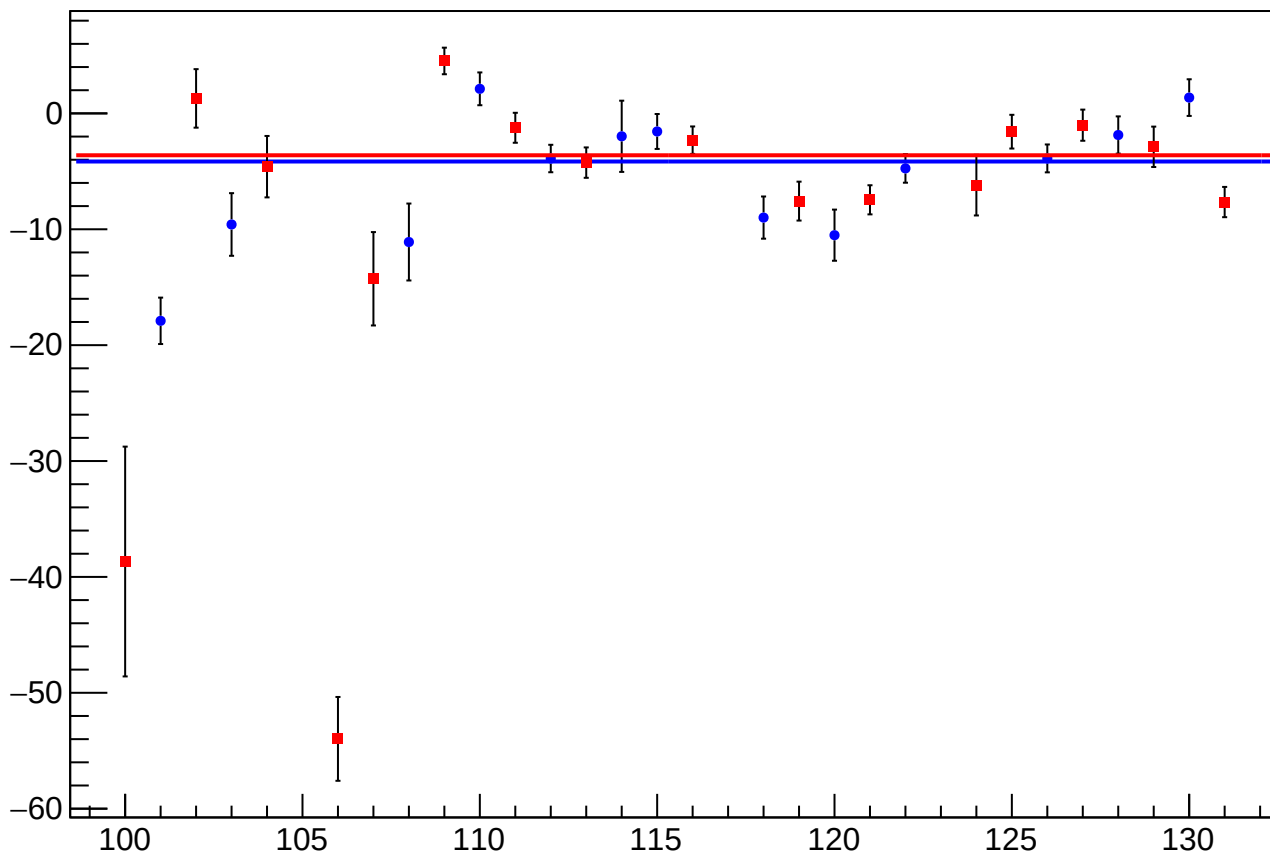
Right: -0.106 $\pm$ 0.014 χ^2 /NDF: 657.1/28

In: -0.057 $\pm$ 0.021 χ^2 /NDF:186.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.106 $\pm$ 0.014 χ^2 /NDF: 657.1/28

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.152+/-0.453 χ^2 /NDF: 108.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.614+/-0.402 χ^2 /NDF: 303.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

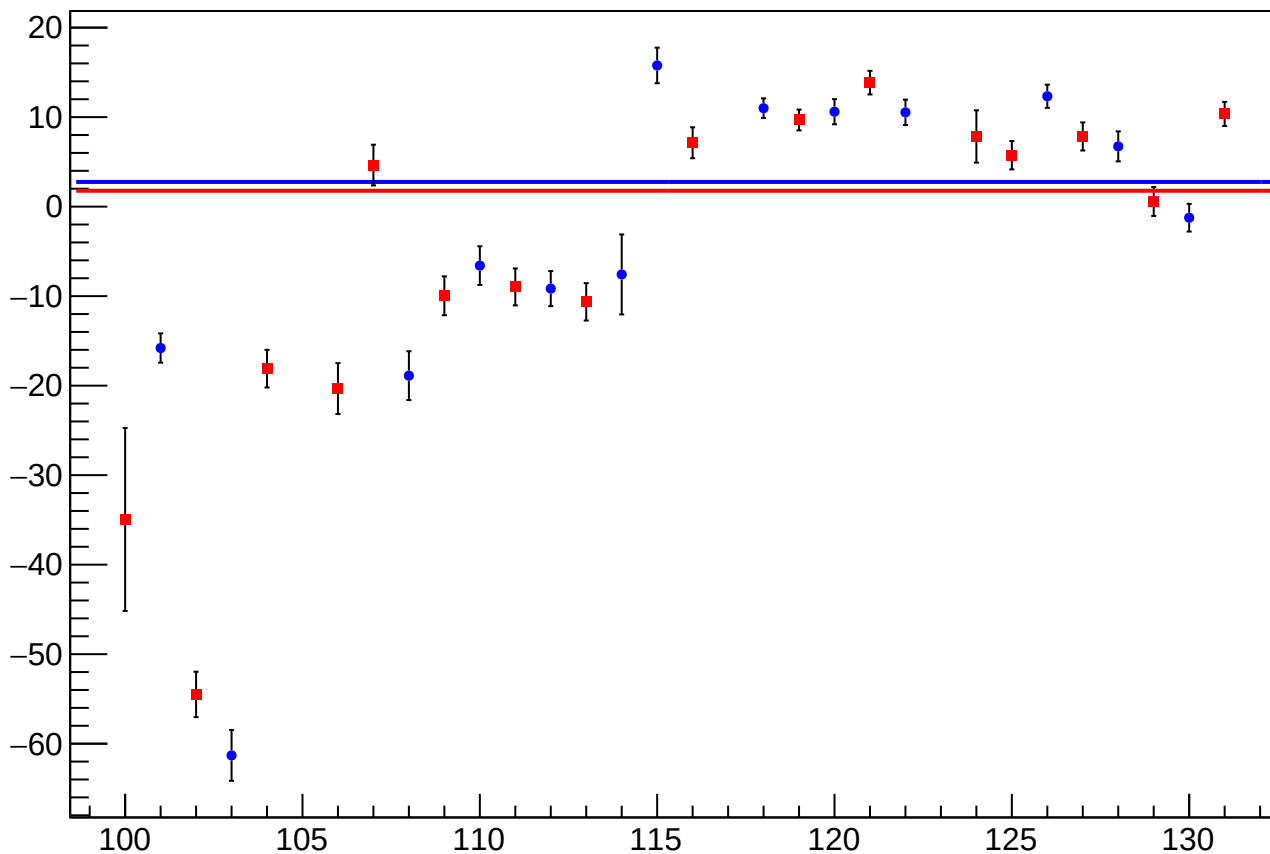
Right: -3.851+/-0.301 χ^2 /NDF: 413.1/28

In: -4.152+/-0.453 χ^2 /NDF:108.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.851+/-0.301 χ^2 /NDF: 413.1/28

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.760+/-0.466 χ^2/NDF : 988.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.776+/-0.452 χ^2/NDF : 954.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

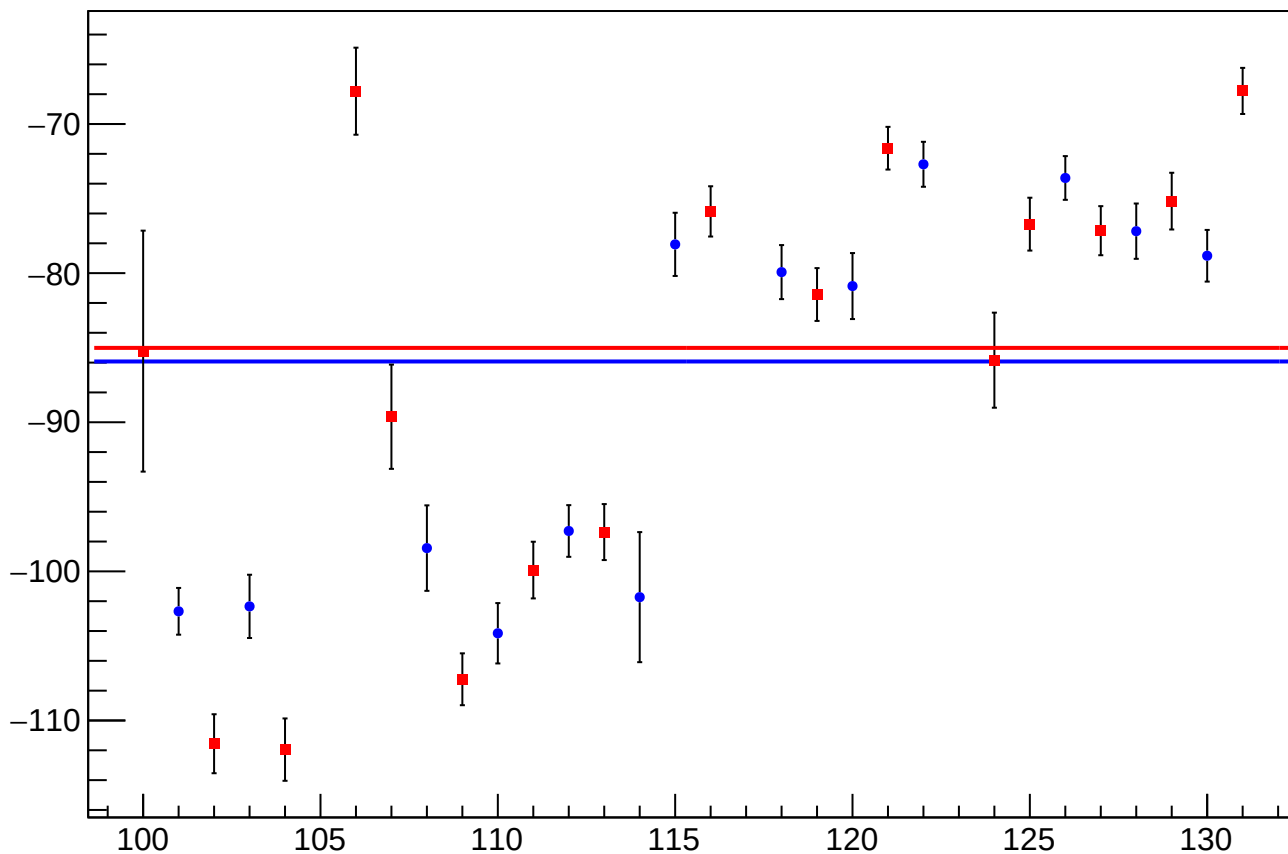
Right: 2.254+/-0.324 χ^2/NDF : 1945.4/28

In: 2.760+/-0.466 χ^2/NDF : 988.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.254+/-0.324 χ^2/NDF : 1945.4/28

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.924+/-0.524 χ^2/NDF : 546.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.013+/-0.486 χ^2/NDF : 967.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

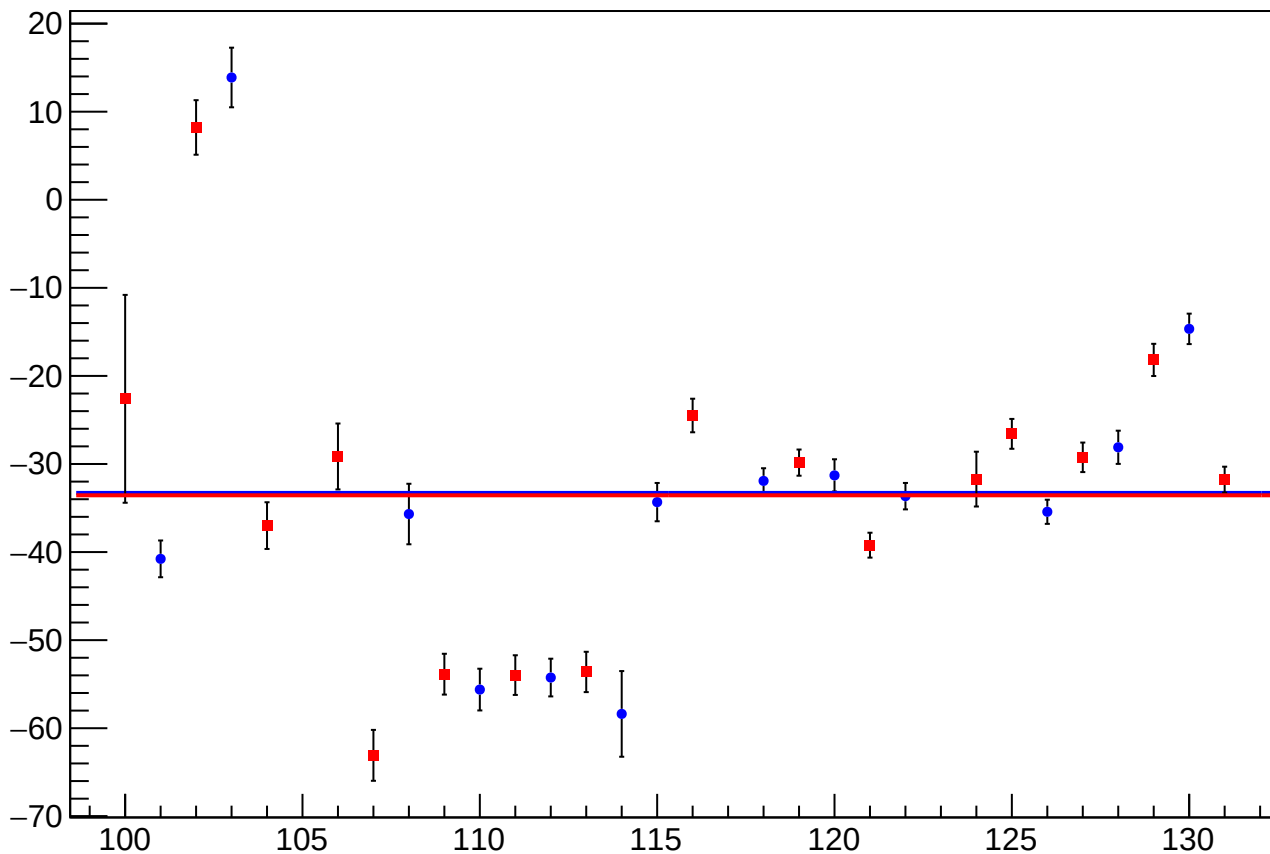
Right: -85.435+/-0.356 χ^2/NDF : 1515.8/28

In: -85.924+/-0.524 χ^2/NDF : 546.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.435+/-0.356 χ^2/NDF : 1515.8/28

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.284+/-0.540 χ^2/NDF : 547.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.555+/-0.512 χ^2/NDF : 666.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

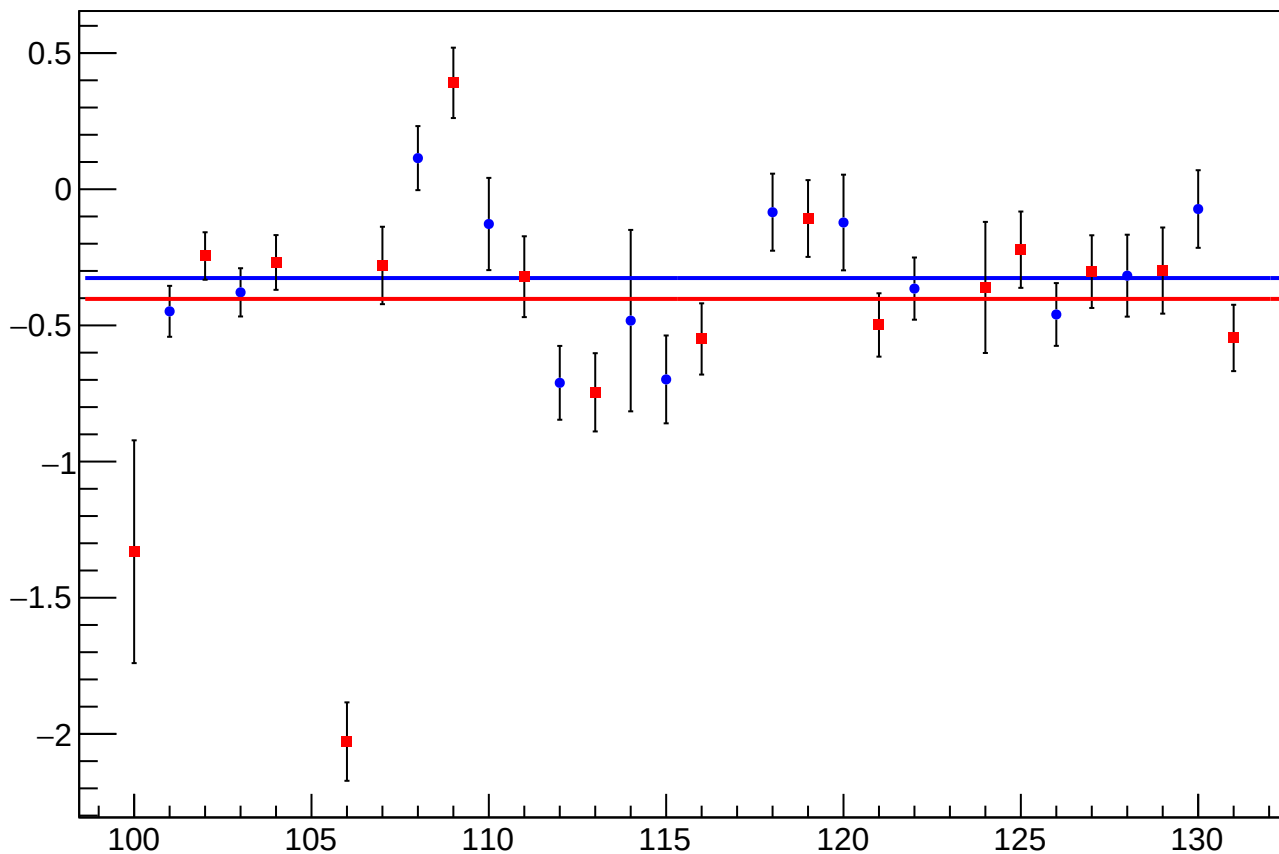
Right: -33.427+/-0.372 χ^2/NDF : 1214.3/28

In: -33.284+/-0.540 χ^2/NDF : 547.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.427+/-0.372 χ^2/NDF : 1214.3/28

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.036 χ^2/NDF : 40.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.403 ± 0.033 χ^2/NDF : 192.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

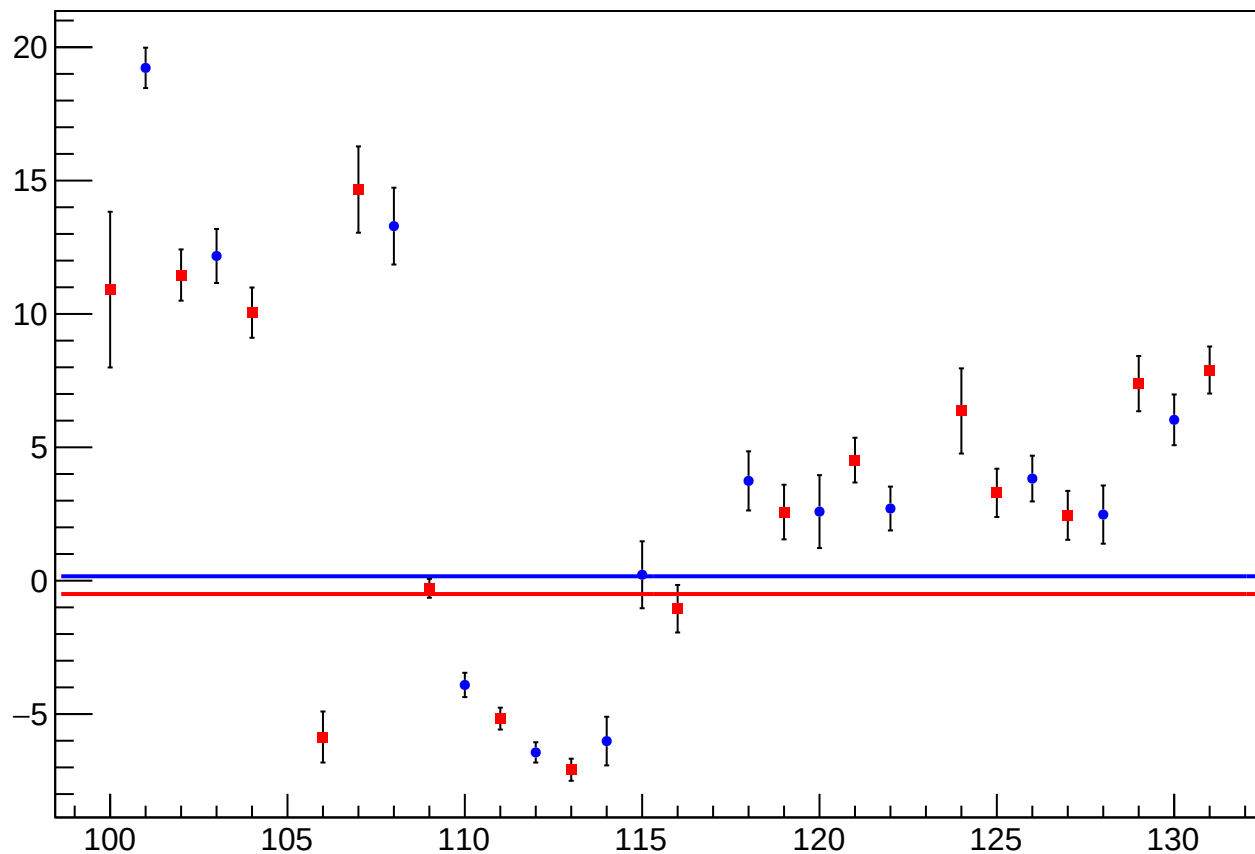
Right: -0.367 ± 0.024 χ^2/NDF : 234.9/28

In: -0.326 ± 0.036 χ^2/NDF : 40.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.367 ± 0.024 χ^2/NDF : 234.9/28

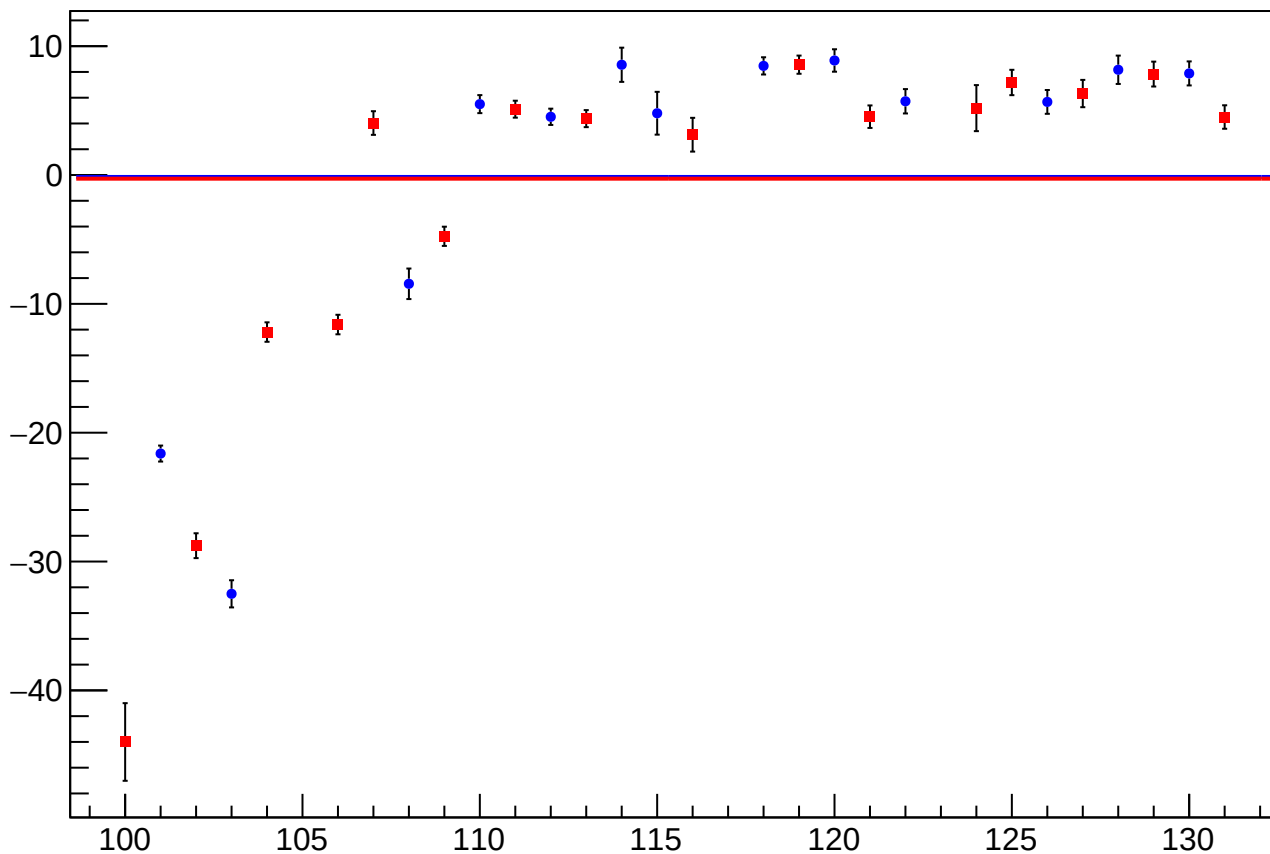
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.165+/-0.209 χ^2/NDF : 1367.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.501+/-0.176 χ^2/NDF : 1038.5/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.224+/-0.135 χ^2/NDF : 2411.7/28
 In: 0.165+/-0.209 χ^2/NDF : 1367.3/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.224+/-0.135 χ^2/NDF : 2411.7/28

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.151+/-0.239 χ^2 /NDF: 2842.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.284+/-0.220 χ^2 /NDF: 2129.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

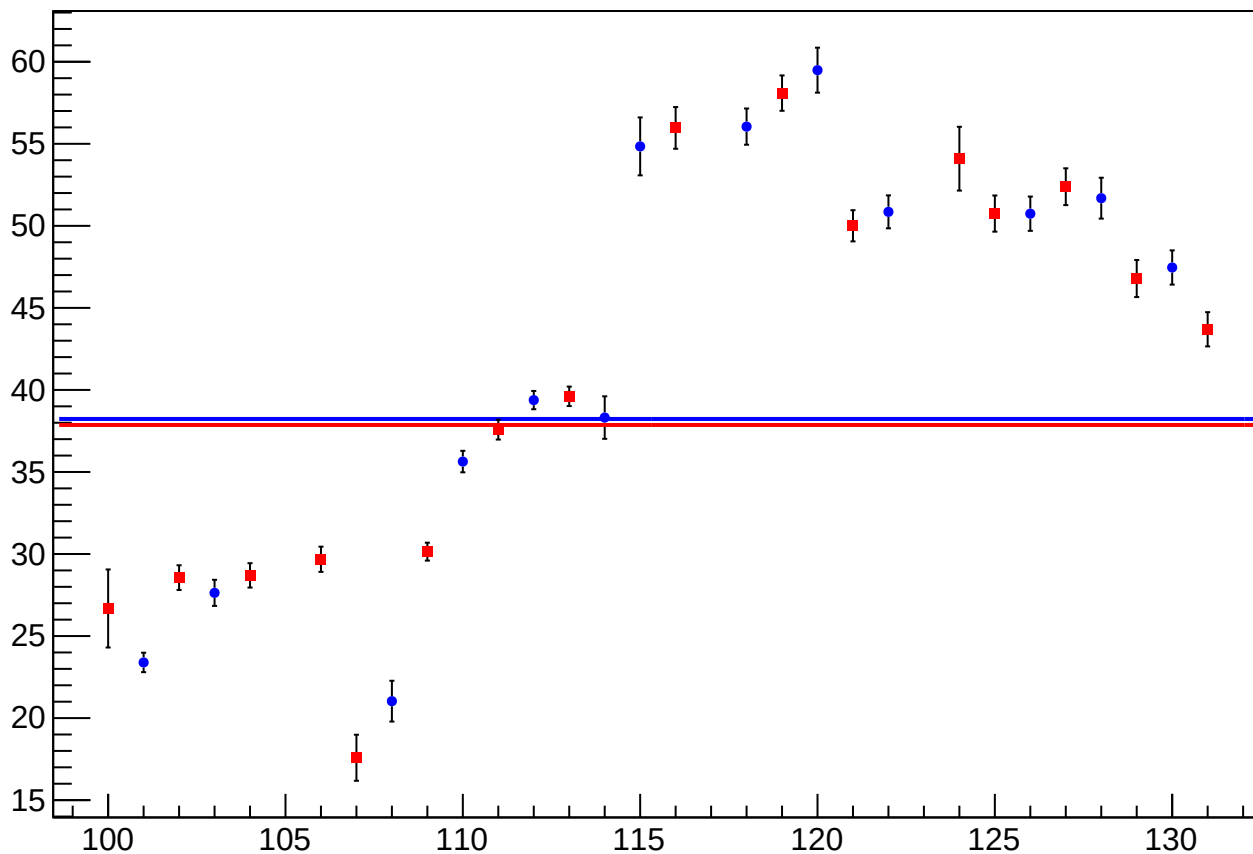
Right: -0.223+/-0.162 χ^2 /NDF: 4971.9/28

In: -0.151+/-0.239 χ^2 /NDF:2842.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.223+/-0.162 χ^2 /NDF: 4971.9/28

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.231+/-0.247 χ^2/NDF : 2101.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.864+/-0.218 χ^2/NDF : 2043.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

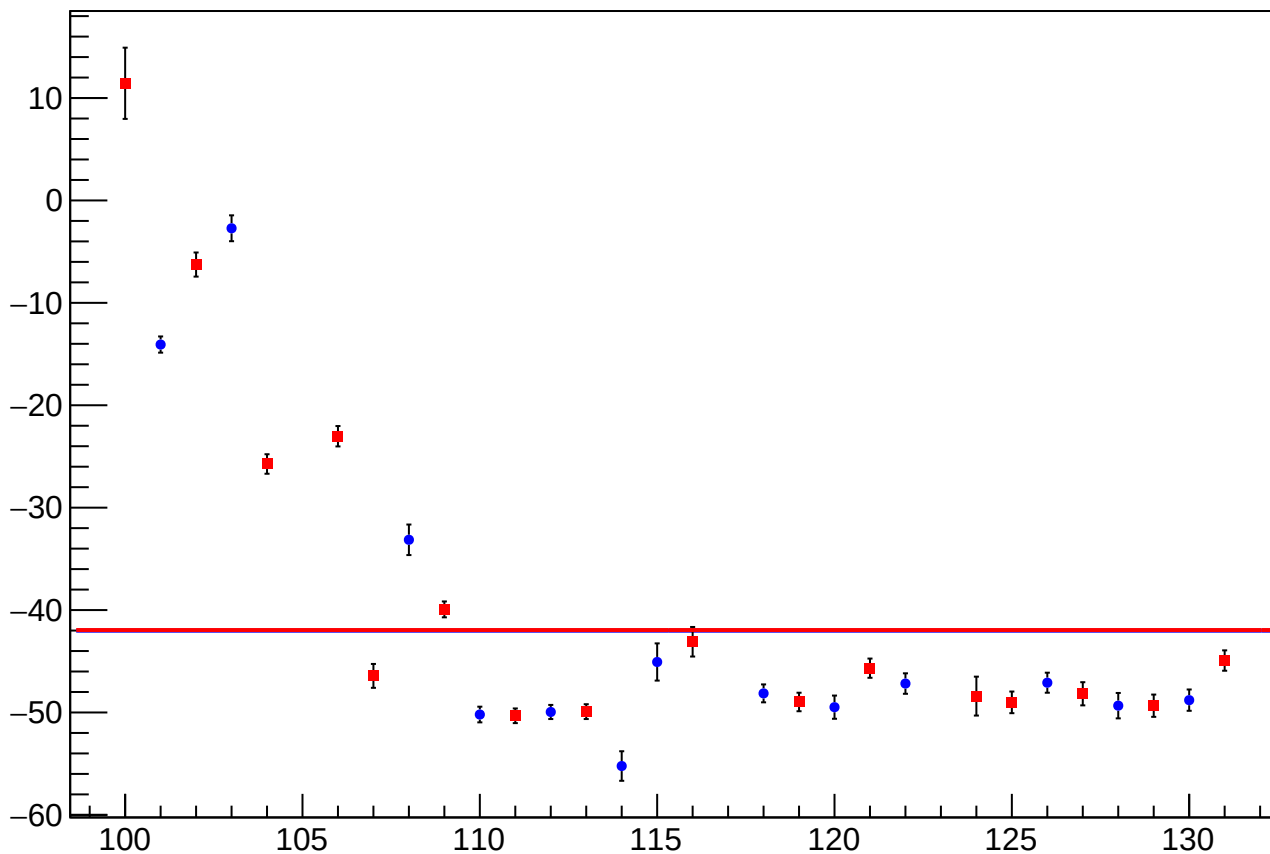
Right: 38.025+/-0.163 χ^2/NDF : 4145.8/28

In: 38.231+/-0.247 χ^2/NDF : 2101.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.025+/-0.163 χ^2/NDF : 4145.8/28

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.011+/-0.278 χ^2/NDF : 2807.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.952+/-0.251 χ^2/NDF : 2303.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

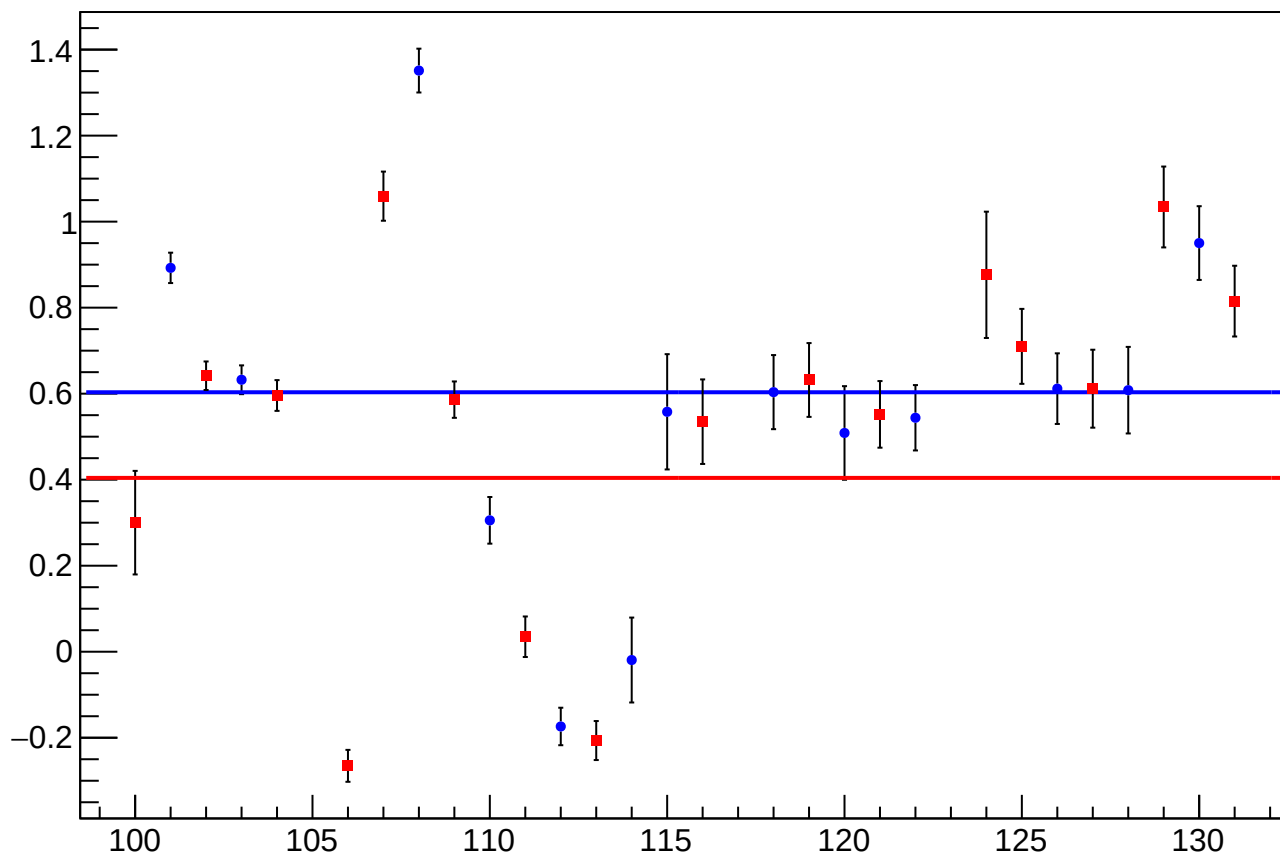
Right: -41.978+/-0.186 χ^2/NDF : 5111.5/28

In: -42.011+/-0.278 χ^2/NDF :2807.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.978+/-0.186 χ^2/NDF : 5111.5/28

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.603+/-0.016 χ^2/NDF : 689.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.404+/-0.014 χ^2/NDF : 909.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

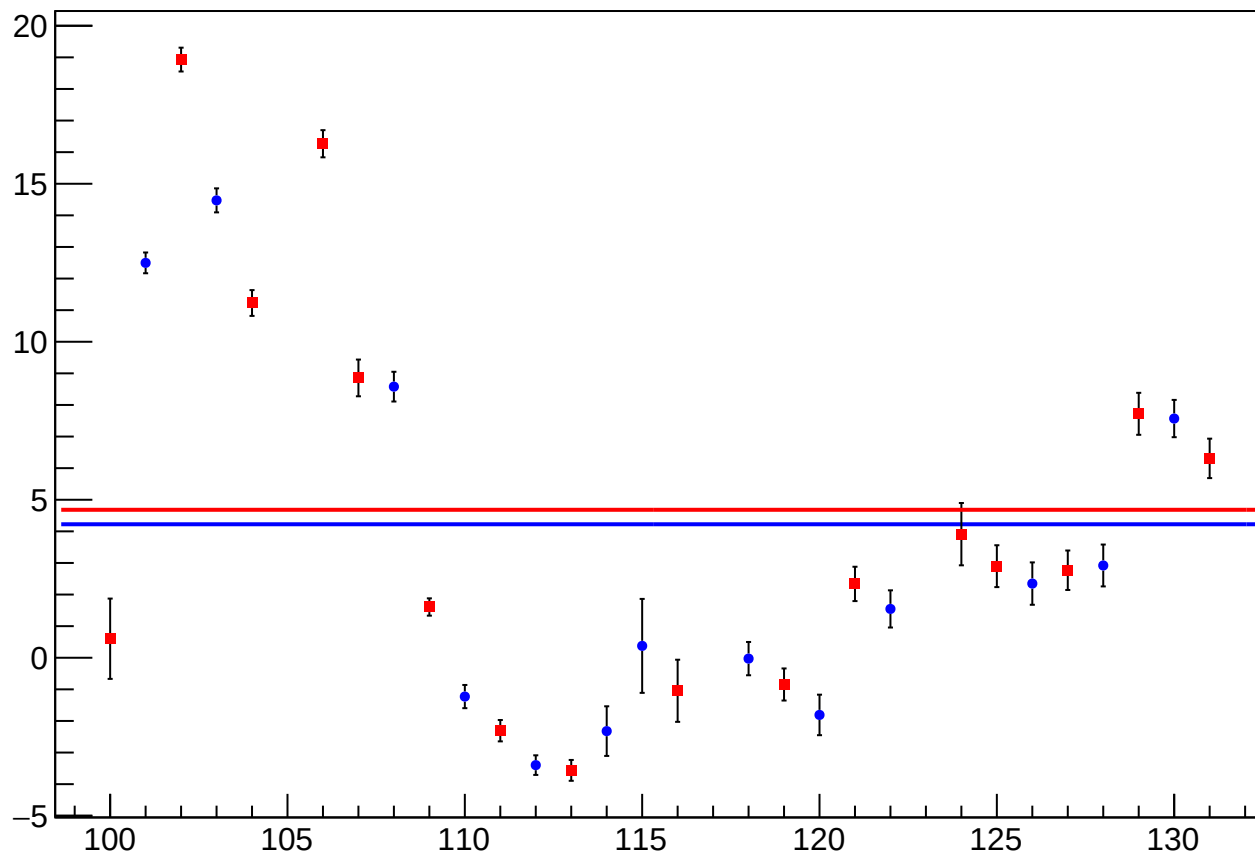
Right: 0.489+/-0.010 χ^2/NDF : 1686.8/28

In: 0.603+/-0.016 χ^2/NDF : 689.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.489+/-0.010 χ^2/NDF : 1686.8/28

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.224+/-0.133 χ^2/NDF : 2565.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.682+/-0.118 χ^2/NDF : 3867.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

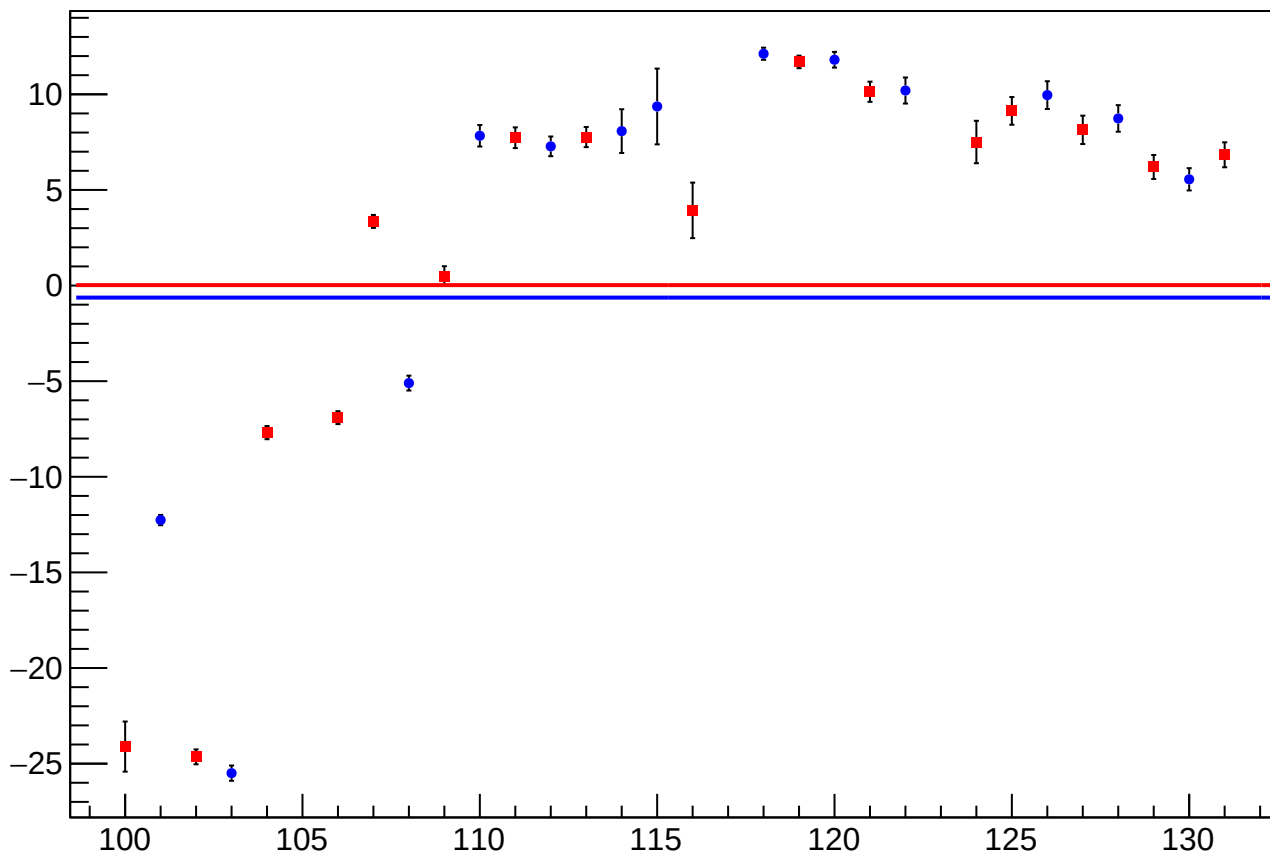
Right: 4.481+/-0.088 χ^2/NDF : 6439.9/28

In: 4.224+/-0.133 χ^2/NDF :2565.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.481+/-0.088 χ^2/NDF : 6439.9/28

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.630 ± 0.130 χ^2/NDF : 9714.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.122 χ^2/NDF : 7968.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

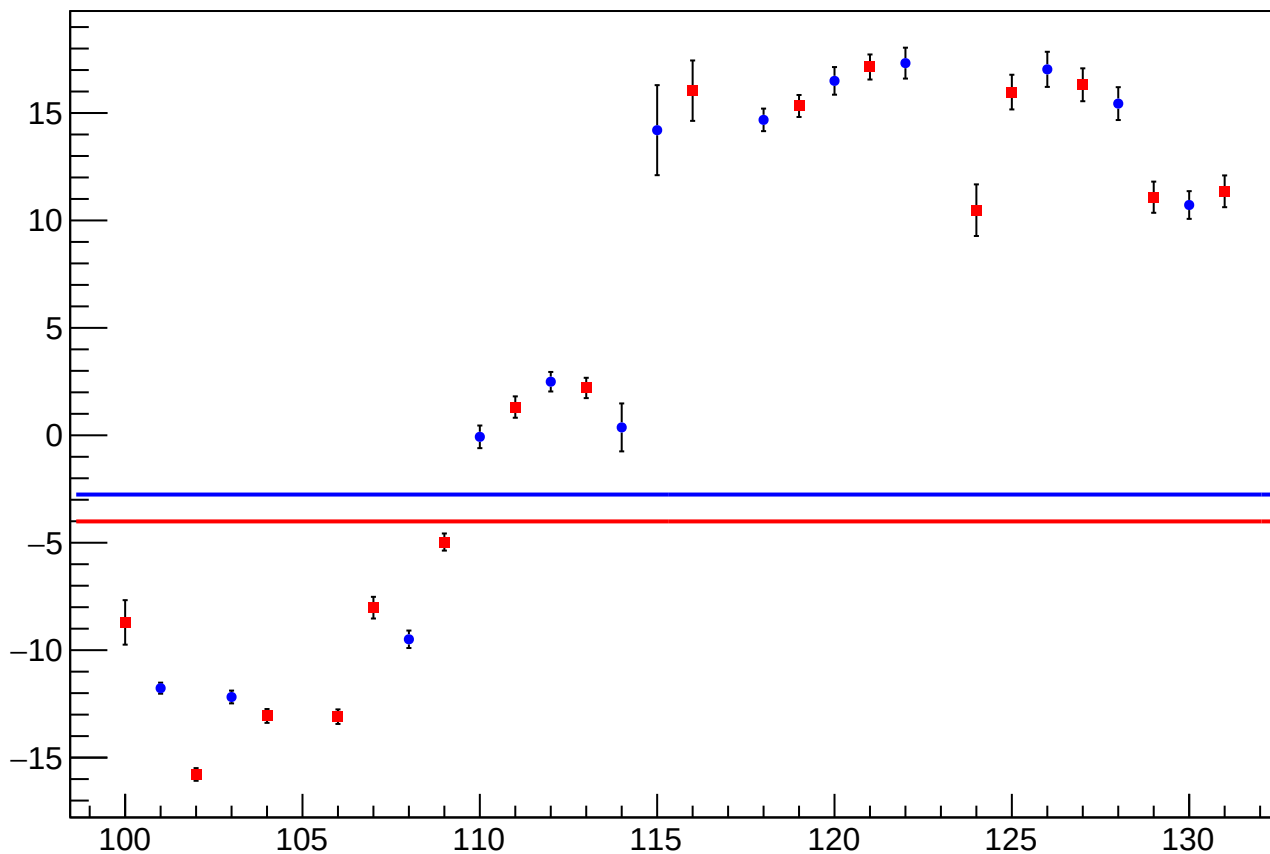
Right: -0.285 ± 0.089 χ^2/NDF : 17696.5/28

In: -0.630 ± 0.130 χ^2/NDF : 9714.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.285 ± 0.089 χ^2/NDF : 17696.5/28

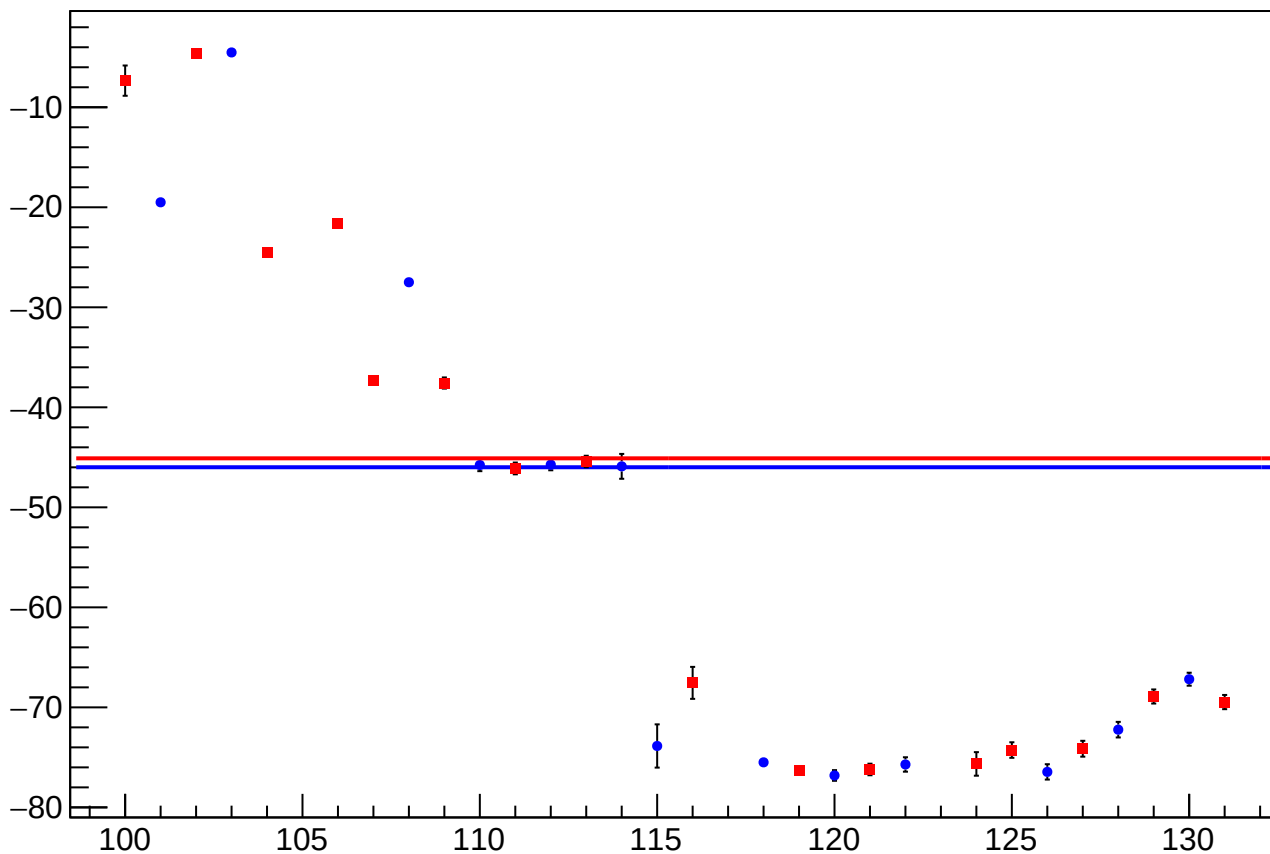
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.757+/-0.134 χ^2/NDF : 7106.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -4.008+/-0.125 χ^2/NDF : 8749.6/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.429+/-0.091 χ^2/NDF : 15902.6/28
 In: -2.757+/-0.134 χ^2/NDF :7106.3/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -3.429+/-0.091 χ^2/NDF : 15902.6/28

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -45.992 ± 0.157 $\chi^2/\text{NDF}: 29046.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -45.101 ± 0.146 $\chi^2/\text{NDF}: 27948.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

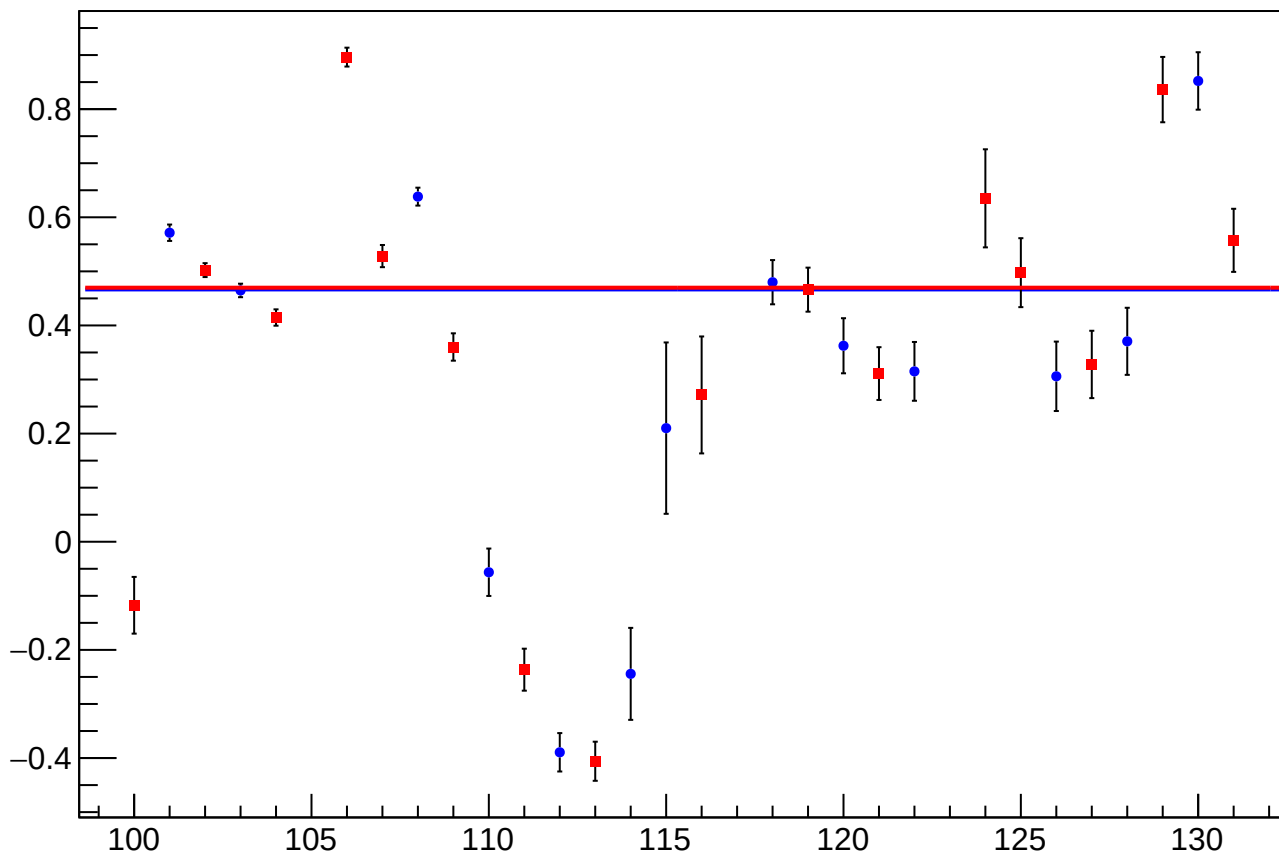
Right: -45.515 ± 0.107 $\chi^2/\text{NDF}: 57013.1/28$

In: -45.992 ± 0.157 $\chi^2/\text{NDF}: 29046.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -45.515 ± 0.107 $\chi^2/\text{NDF}: 57013.1/28$

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.467 $\pm$ 0.007 χ^2 /NDF: 1024.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.470 $\pm$ 0.007 χ^2 /NDF: 1747.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

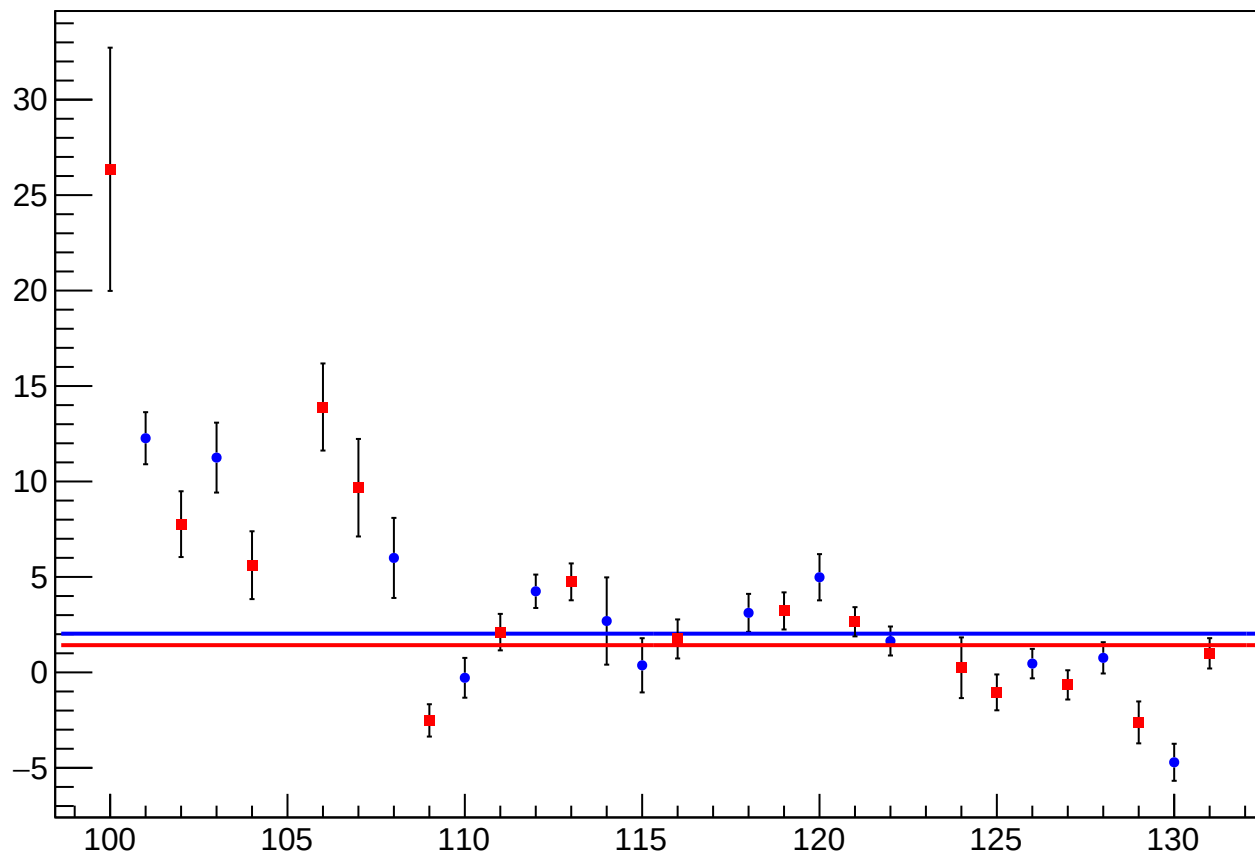
Right: 0.468 $\pm$ 0.005 χ^2 /NDF: 2772.1/28

In: 0.467 $\pm$ 0.007 χ^2 /NDF:1024.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2772.1/28

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.028+/-0.293 χ^2/NDF : 160.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.426+/-0.268 χ^2/NDF : 143.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

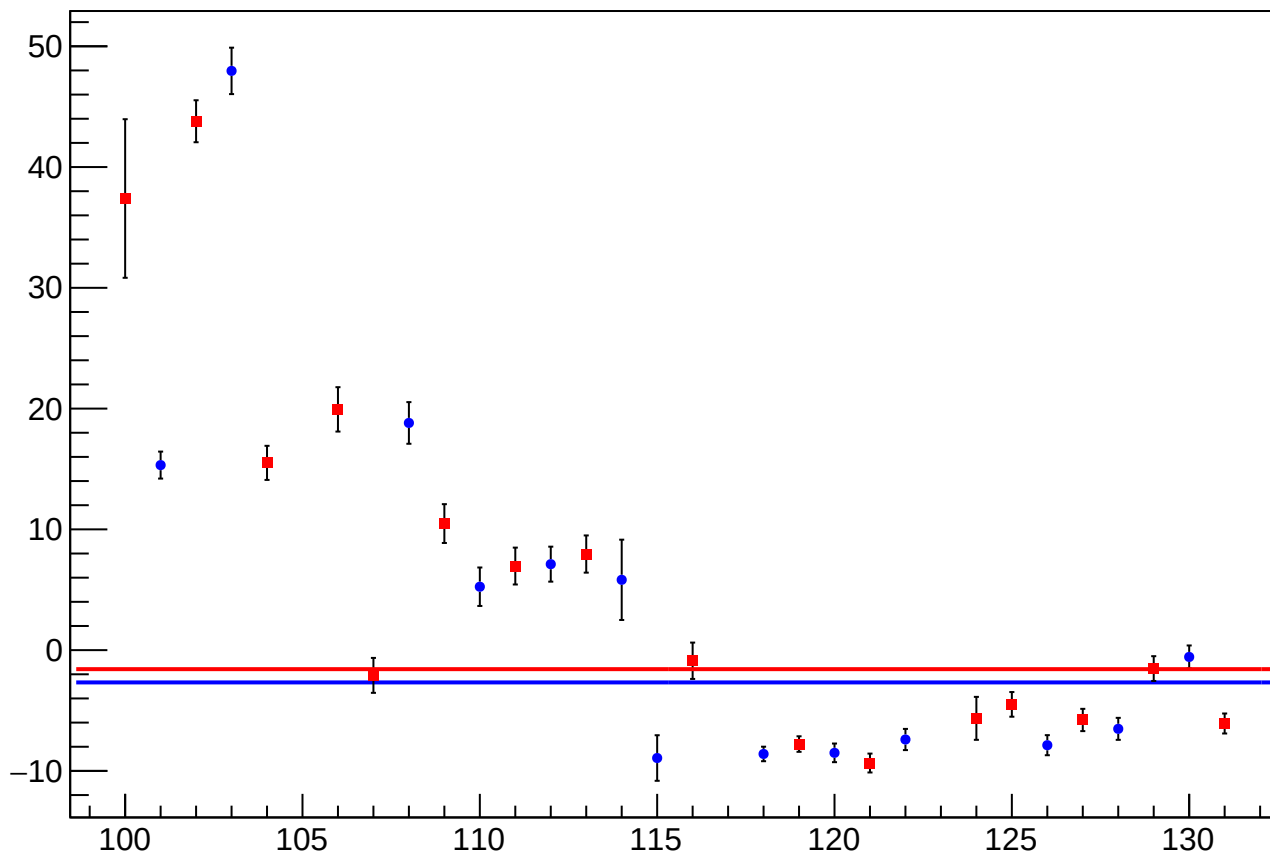
Right: 1.700+/-0.198 χ^2/NDF : 306.1/28

In: 2.028+/-0.293 χ^2/NDF : 160.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.700+/-0.198 χ^2/NDF : 306.1/28

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.673+/-0.287 χ^2/NDF : 1441.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.575+/-0.286 χ^2/NDF : 1381.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

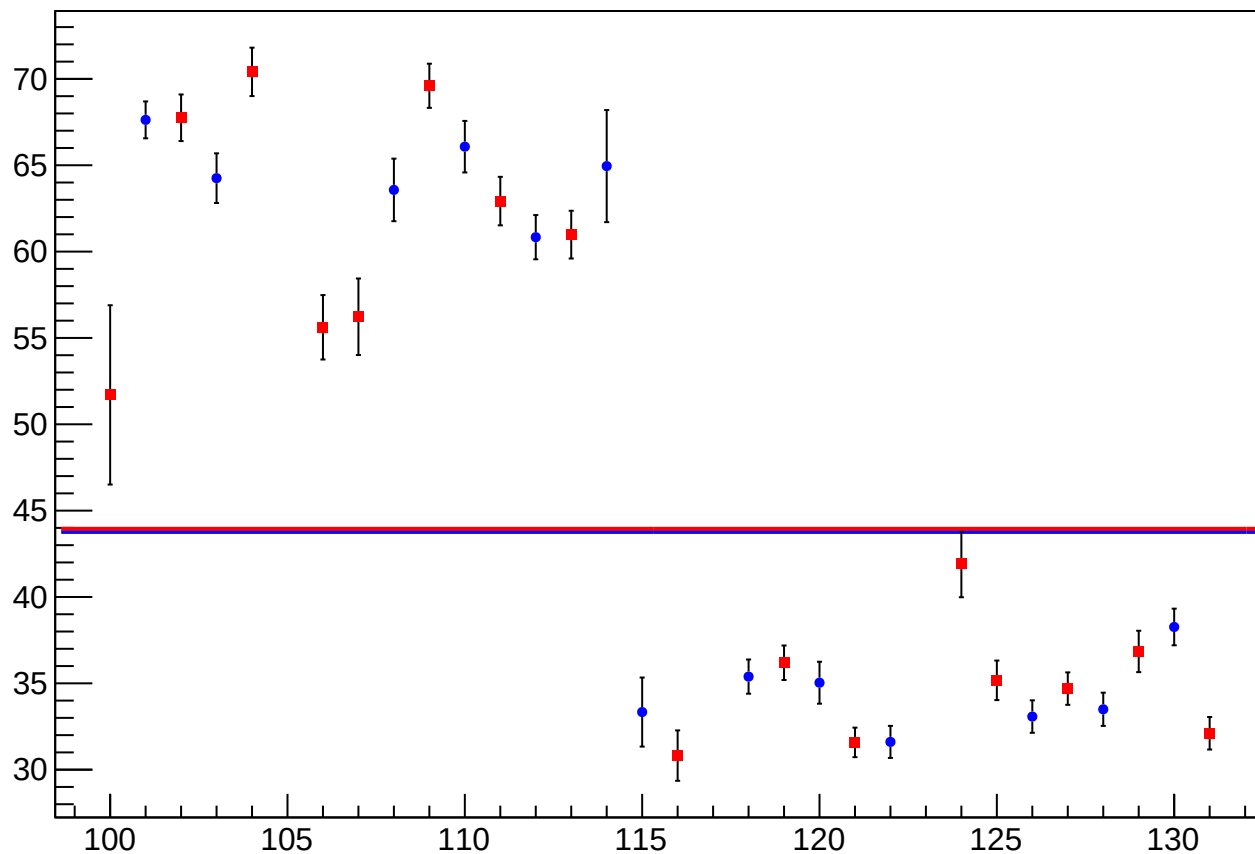
Right: -2.122+/-0.203 χ^2/NDF : 2830.7/28

In: -2.673+/-0.287 χ^2/NDF : 1441.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.122+/-0.203 χ^2/NDF : 2830.7/28

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.769+/-0.333 χ^2 /NDF: 1858.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 43.947+/-0.315 χ^2 /NDF: 2177.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

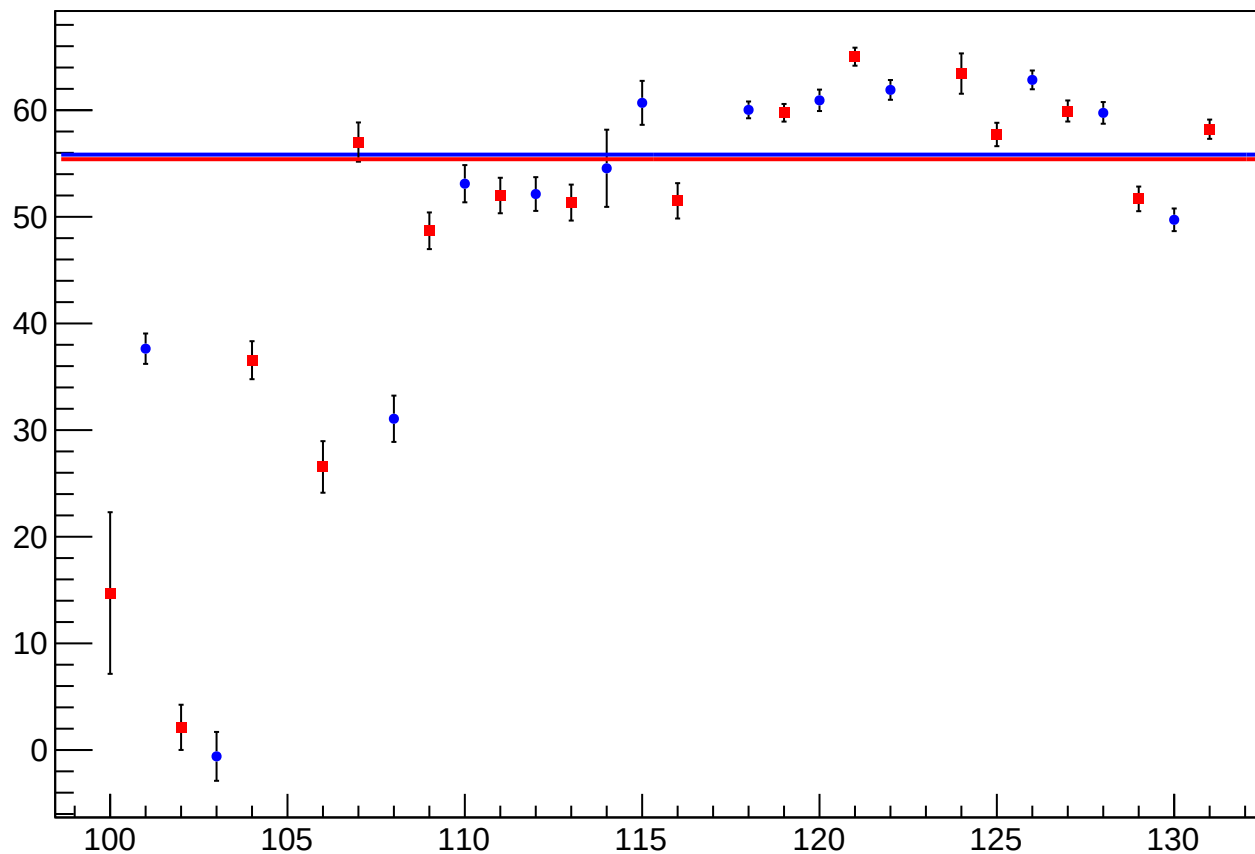
Right: 43.863+/-0.229 χ^2 /NDF: 4035.5/28

In: 43.769+/-0.333 χ^2 /NDF:1858.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 43.863+/-0.229 χ^2 /NDF: 4035.5/28

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.833+/-0.336 χ^2/NDF : 1121.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.402+/-0.326 χ^2/NDF : 1167.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

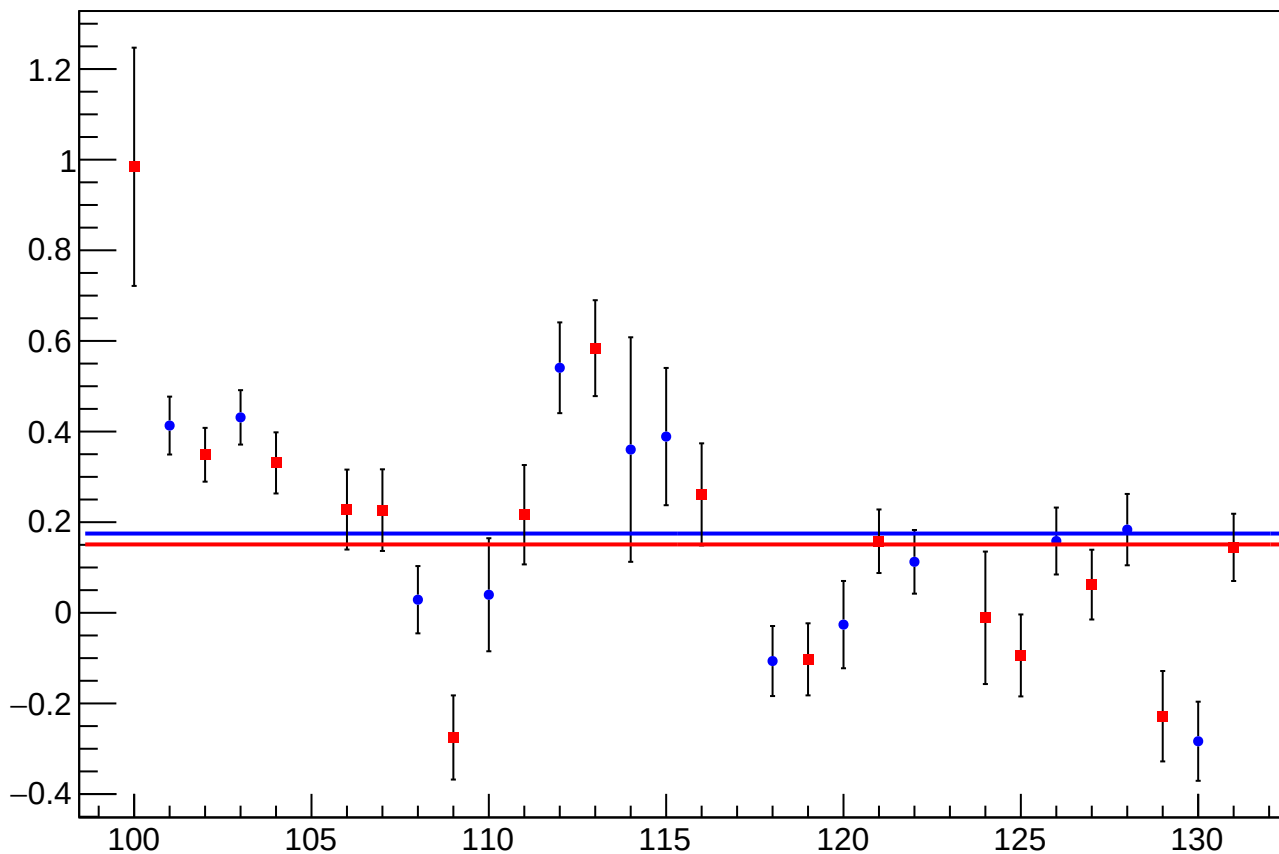
Right: 55.611+/-0.234 χ^2/NDF : 2289.7/28

In: 55.833+/-0.336 χ^2/NDF : 1121.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.611+/-0.234 χ^2/NDF : 2289.7/28

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.175+/-0.023 χ^2/NDF : 99.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.151+/-0.022 χ^2/NDF : 103.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

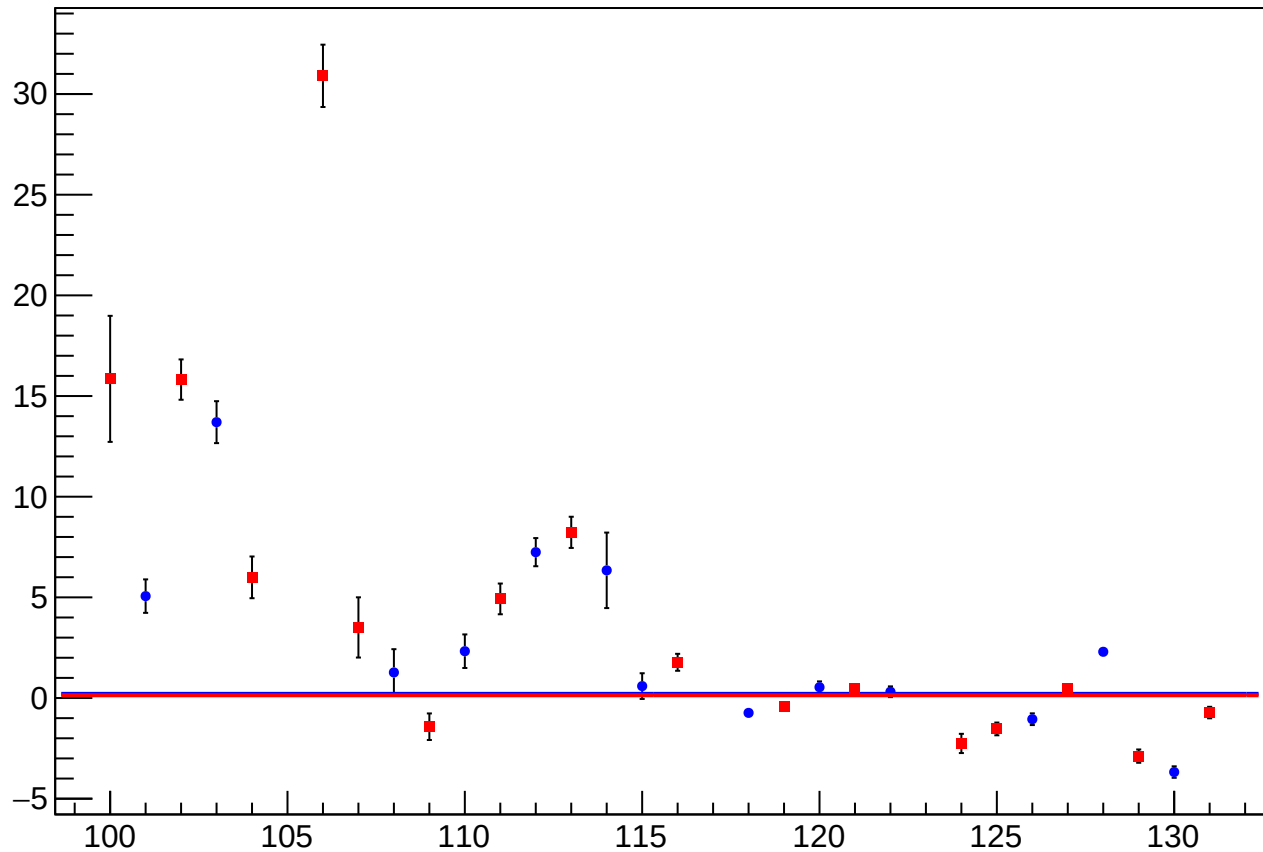
Right: 0.162+/-0.016 χ^2/NDF : 203.1/28

In: 0.175+/-0.023 χ^2/NDF : 99.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.162+/-0.016 χ^2/NDF : 203.1/28

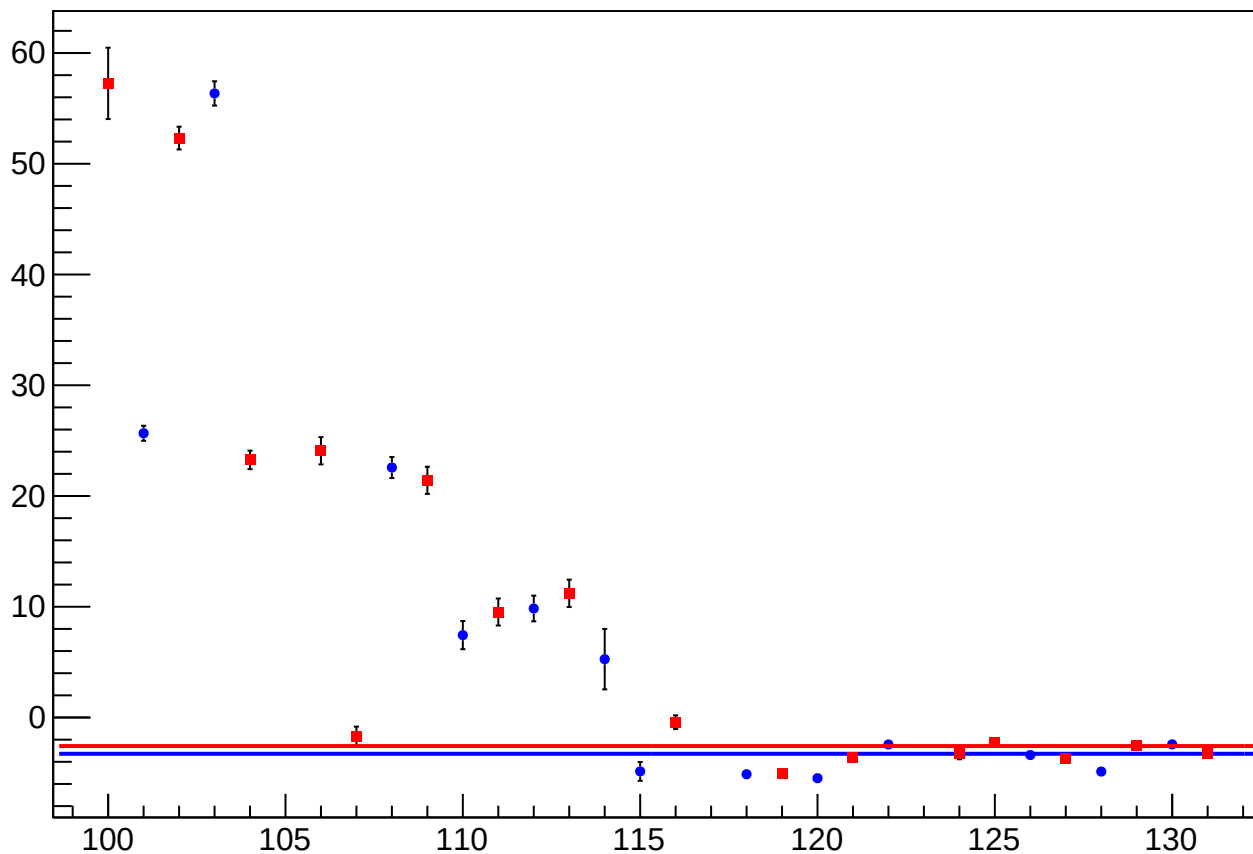
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.103 χ^2/NDF : 613.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.136+/-0.098 χ^2/NDF : 1026.8/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.170+/-0.071 χ^2/NDF : 1640.3/28
 In: 0.207+/-0.103 χ^2/NDF : 613.3/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.170+/-0.071 χ^2/NDF : 1640.3/28

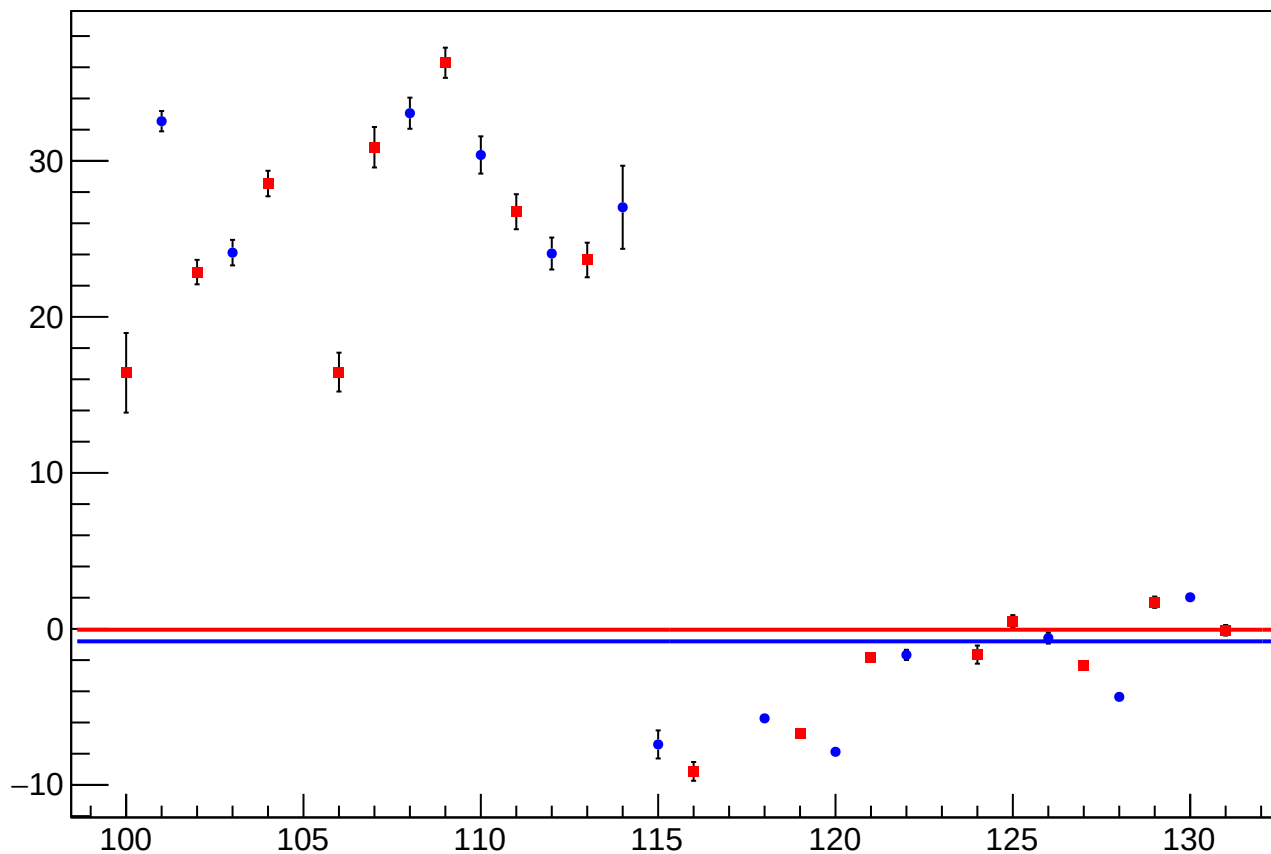
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.275 ± 0.088 χ^2/NDF : 6073.2/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.577 ± 0.092 χ^2/NDF : 5564.3/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -2.943 ± 0.063 χ^2/NDF : 11667.9/28
 In: -3.275 ± 0.088 χ^2/NDF : 6073.2/12
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -2.943 ± 0.063 χ^2/NDF : 11667.9/28

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.798 ± 0.114 χ^2/NDF : 7413.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.053 ± 0.111 χ^2/NDF : 6502.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

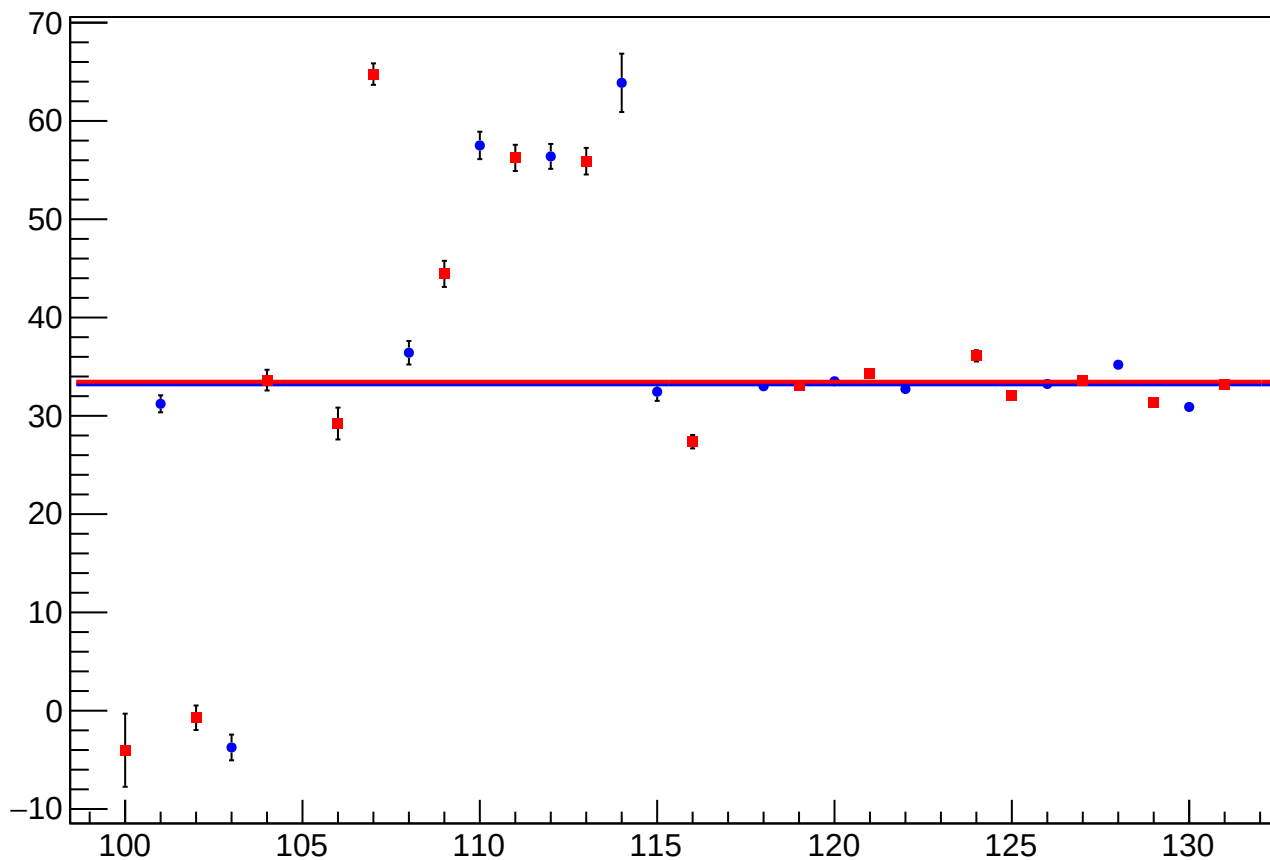
Right: -0.415 ± 0.079 χ^2/NDF : 13937.6/28

In: -0.798 ± 0.114 χ^2/NDF : 7413.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.415 ± 0.079 χ^2/NDF : 13937.6/28

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.204+/-0.106 χ^2/NDF : 1656.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 33.468+/-0.107 χ^2/NDF : 2482.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

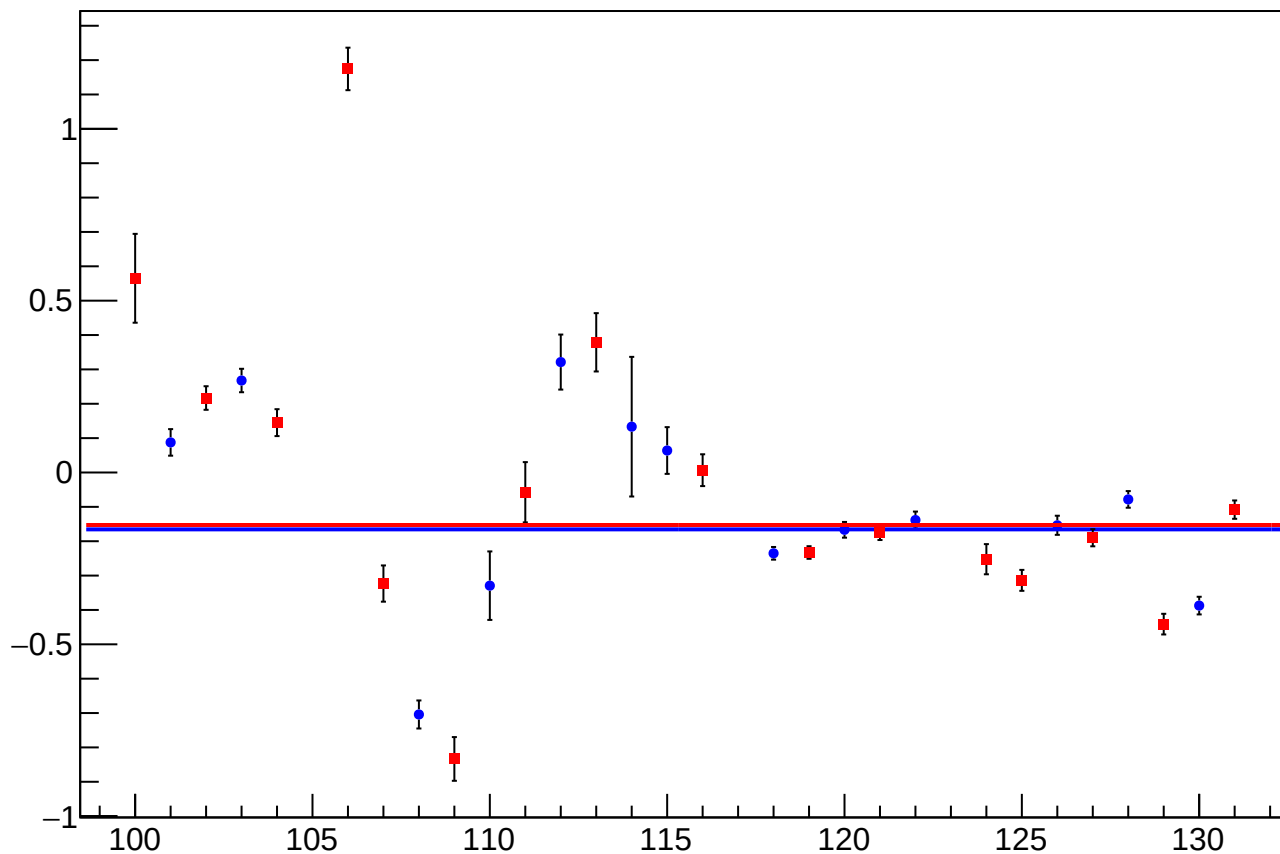
Right: 33.335+/-0.075 χ^2/NDF : 4142.2/28

In: 33.204+/-0.106 χ^2/NDF :1656.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.335+/-0.075 χ^2/NDF : 4142.2/28

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.166+/-0.009 χ^2/NDF : 534.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.153+/-0.008 χ^2/NDF : 992.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

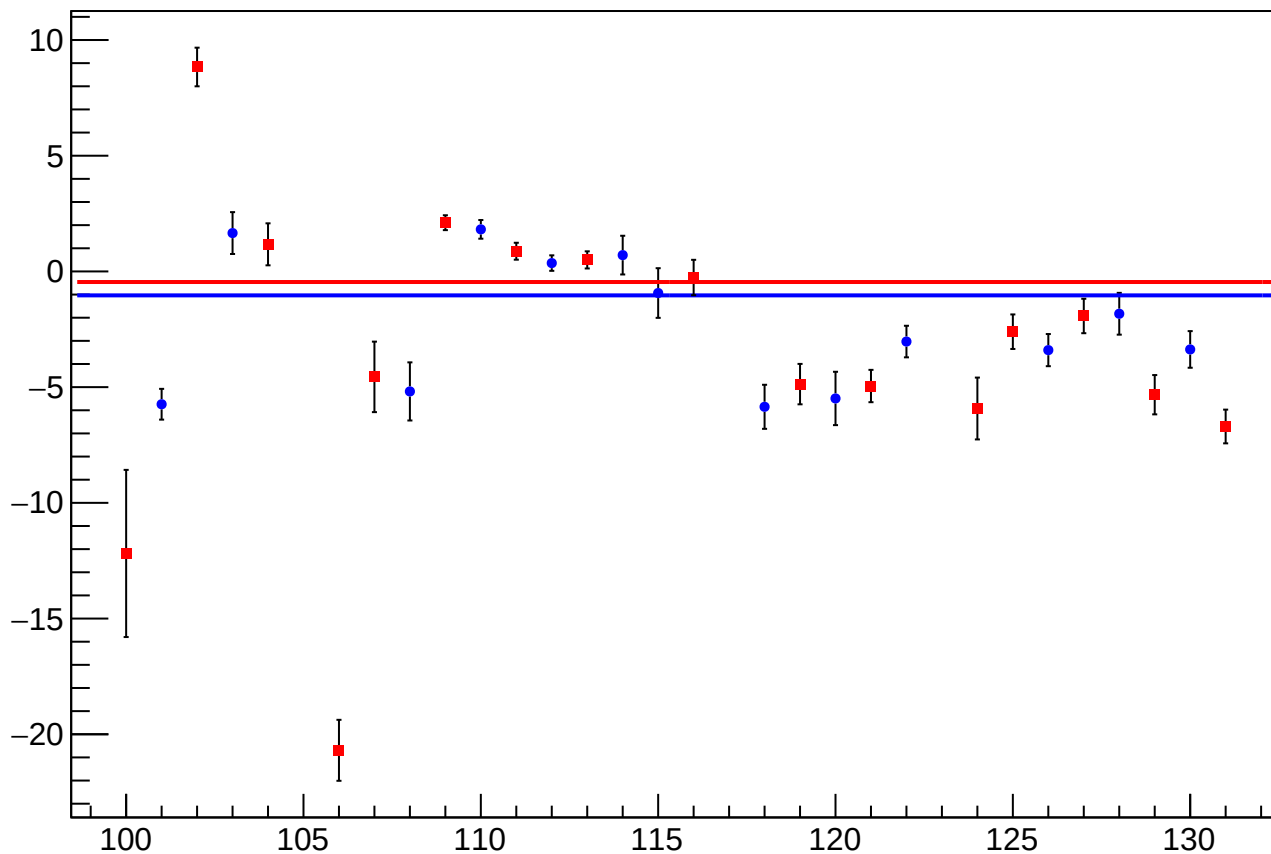
Right: -0.159+/-0.006 χ^2/NDF : 1528.9/28

In: -0.166+/-0.009 χ^2/NDF :534.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.159+/-0.006 χ^2/NDF : 1528.9/28

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.035 ± 0.181 χ^2/NDF : 211.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.457 ± 0.157 χ^2/NDF : 666.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

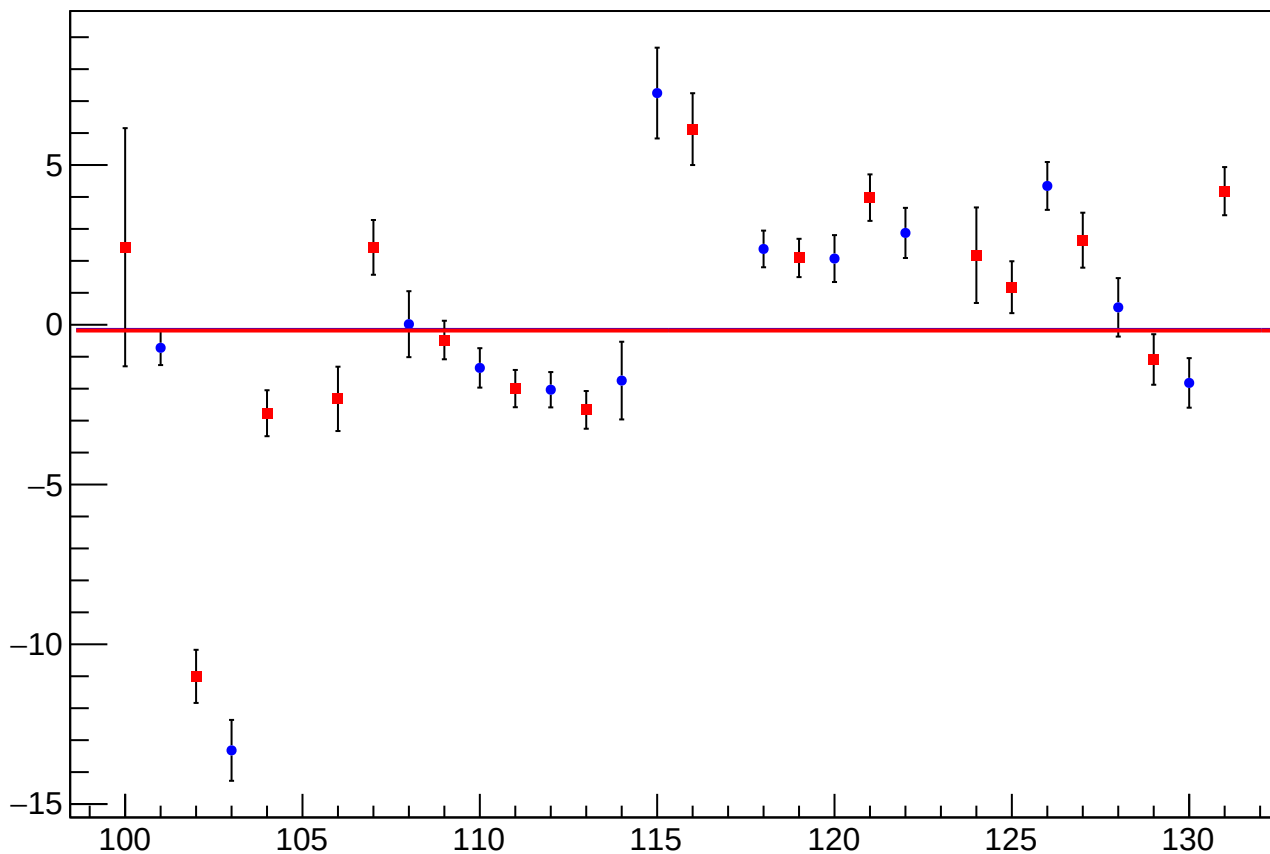
Right: -0.704 ± 0.119 χ^2/NDF : 884.1/28

In: -1.035 ± 0.181 χ^2/NDF : 211.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.704 ± 0.119 χ^2/NDF : 884.1/28

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.161+/-0.205 χ^2 /NDF: 321.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.180+/-0.194 χ^2 /NDF: 353.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

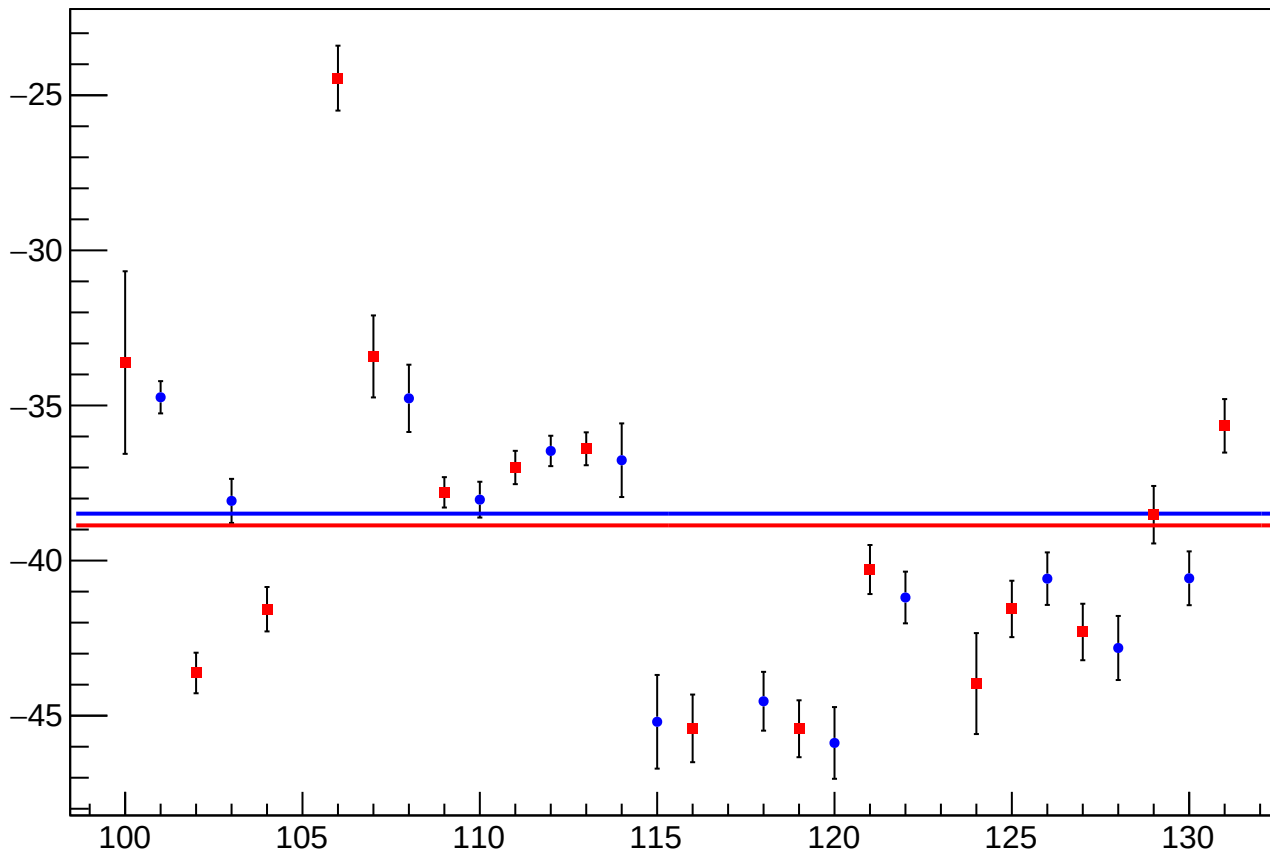
Right: -0.171+/-0.141 χ^2 /NDF: 674.8/28

In: -0.161+/-0.205 χ^2 /NDF:321.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.171+/-0.141 χ^2 /NDF: 674.8/28

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.487+/-0.214 χ^2/NDF : 225.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.866+/-0.196 χ^2/NDF : 452.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

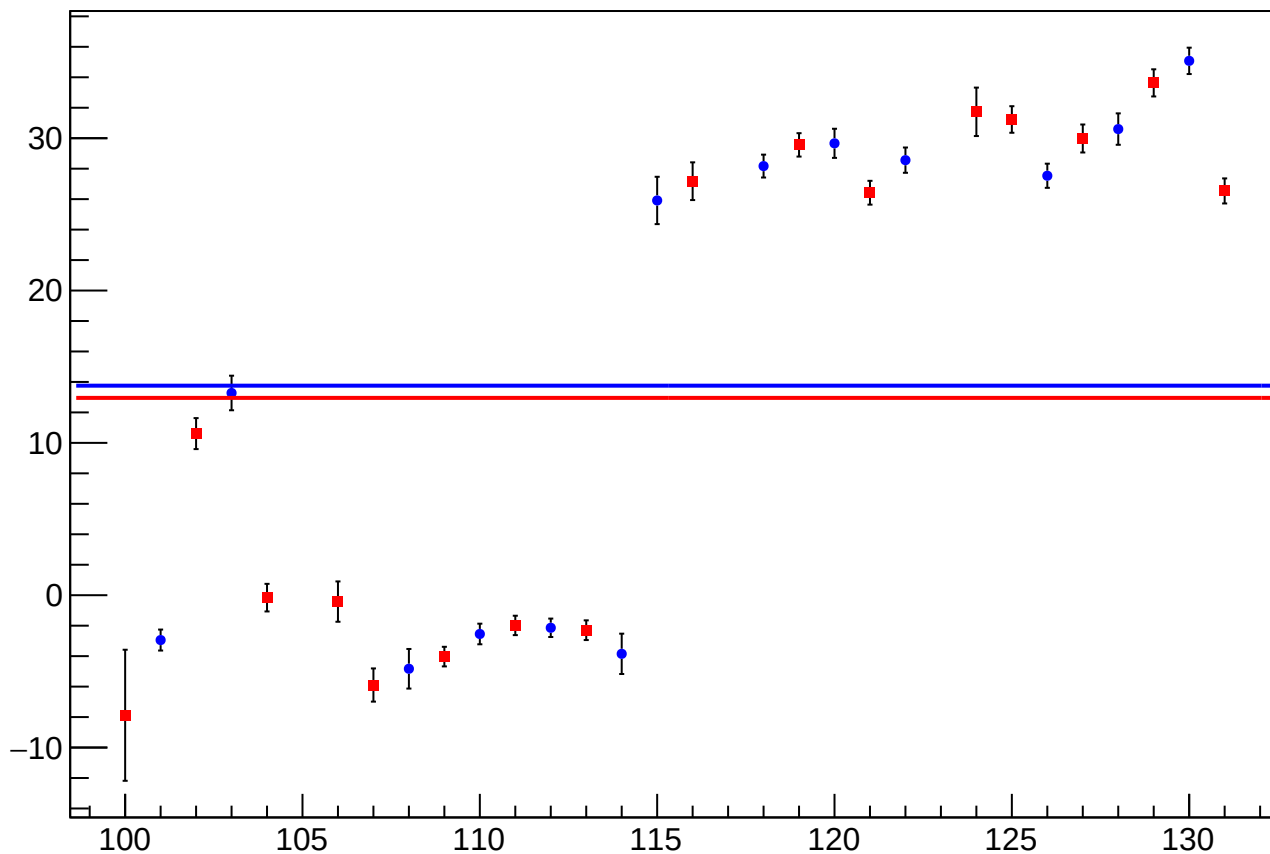
Right: -38.693+/-0.145 χ^2/NDF : 679.8/28

In: -38.487+/-0.214 χ^2/NDF : 225.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.693+/-0.145 χ^2/NDF : 679.8/28

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.755+/-0.239 χ^2/NDF : 4441.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.953+/-0.221 χ^2/NDF : 5074.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

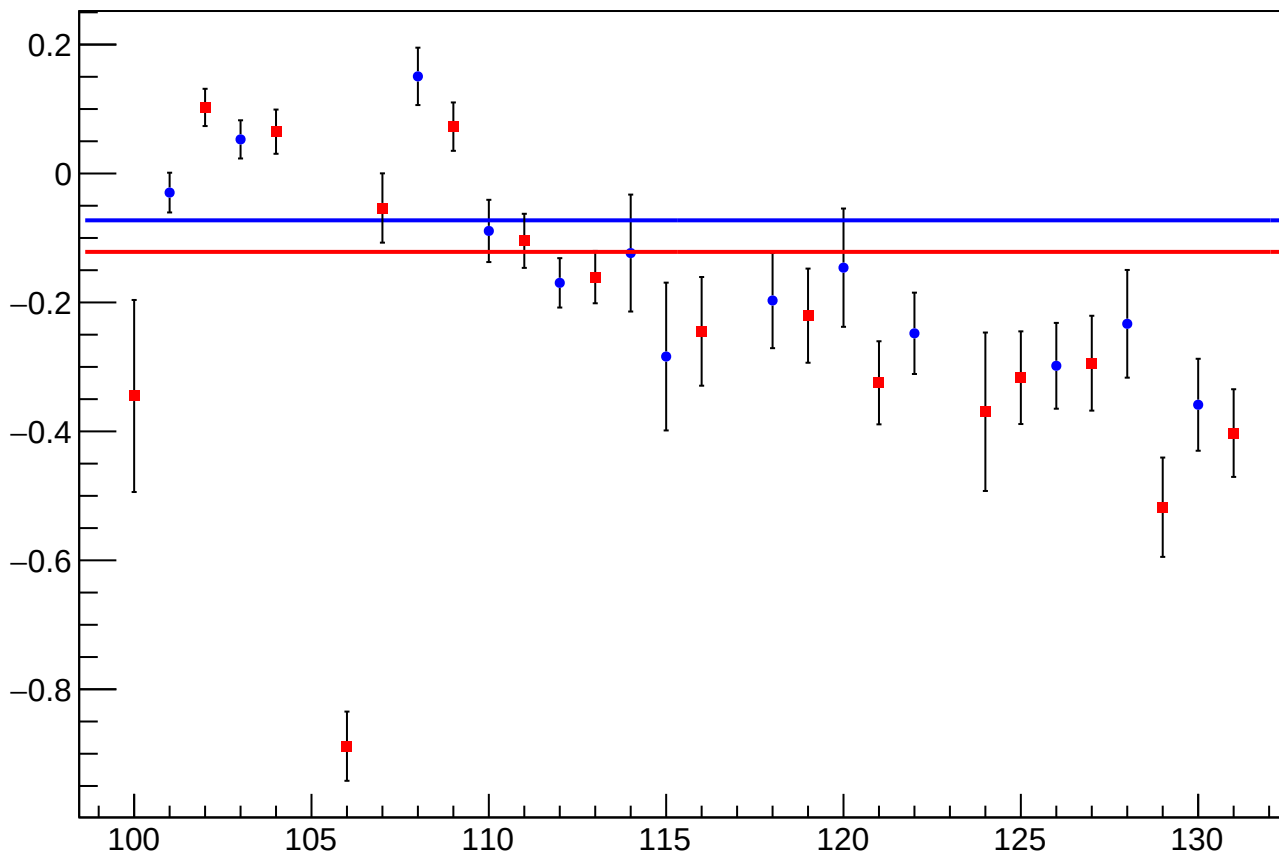
Right: 13.323+/-0.162 χ^2/NDF : 9521.8/28

In: 13.755+/-0.239 χ^2/NDF : 4441.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.323+/-0.162 χ^2/NDF : 9521.8/28

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.073 ± 0.014 χ^2/NDF : 97.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.122 ± 0.013 χ^2/NDF : 399.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

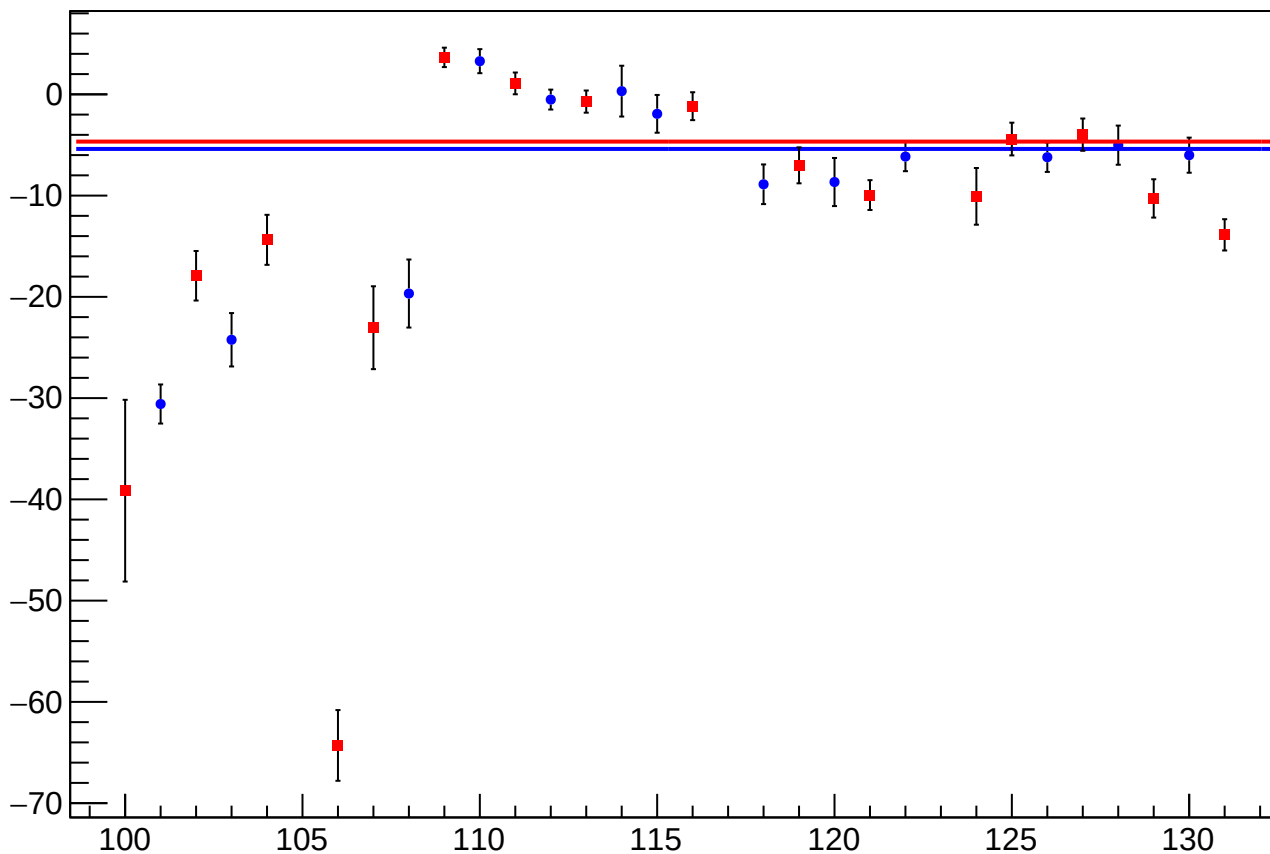
Right: -0.099 ± 0.009 χ^2/NDF : 504.3/28

In: -0.073 ± 0.014 χ^2/NDF : 97.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.009 χ^2/NDF : 504.3/28

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.392+/-0.462 χ^2/NDF : 331.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.666+/-0.402 χ^2/NDF : 557.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

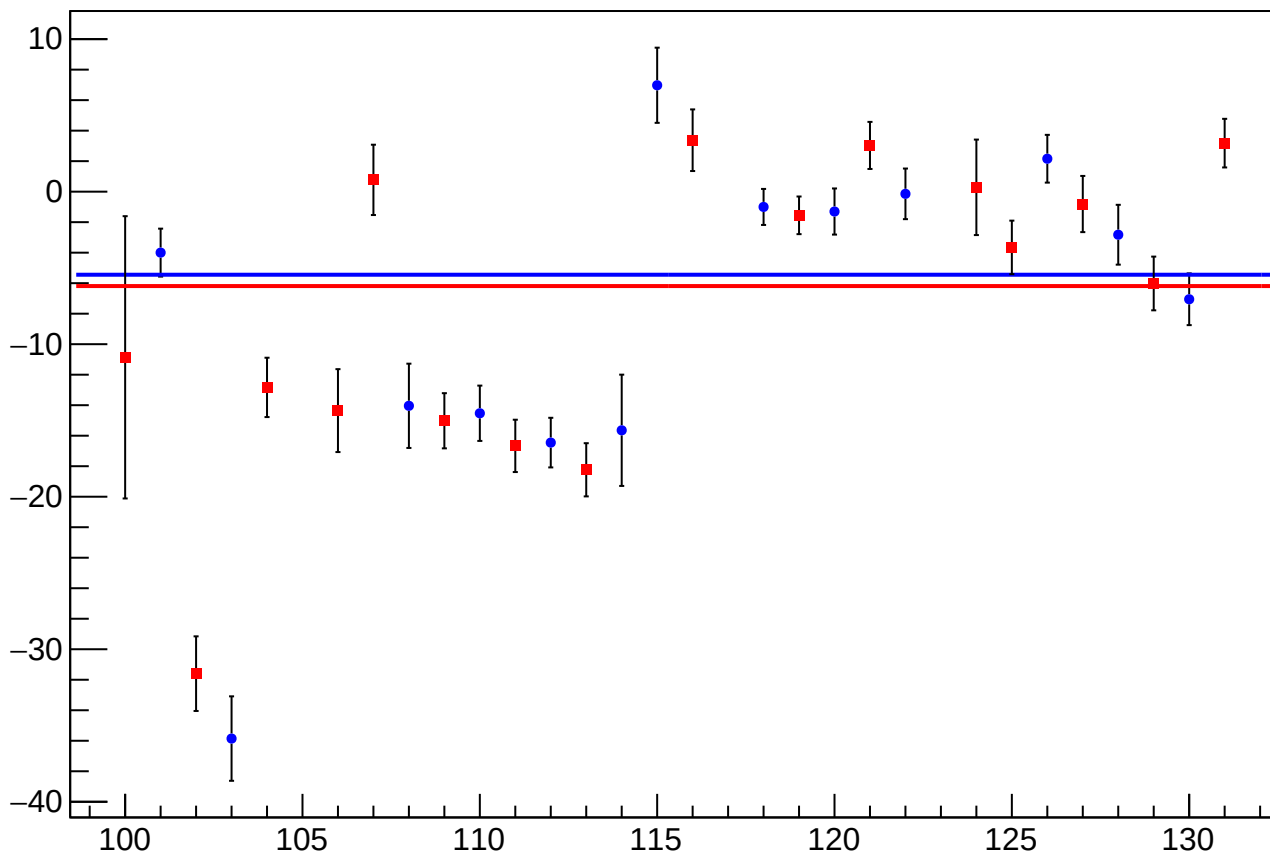
Right: -4.979+/-0.303 χ^2/NDF : 890.6/28

In: -5.392+/-0.462 χ^2/NDF :331.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.979+/-0.303 χ^2/NDF : 890.6/28

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.446+/-0.493 χ^2 /NDF: 293.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.189+/-0.471 χ^2 /NDF: 368.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

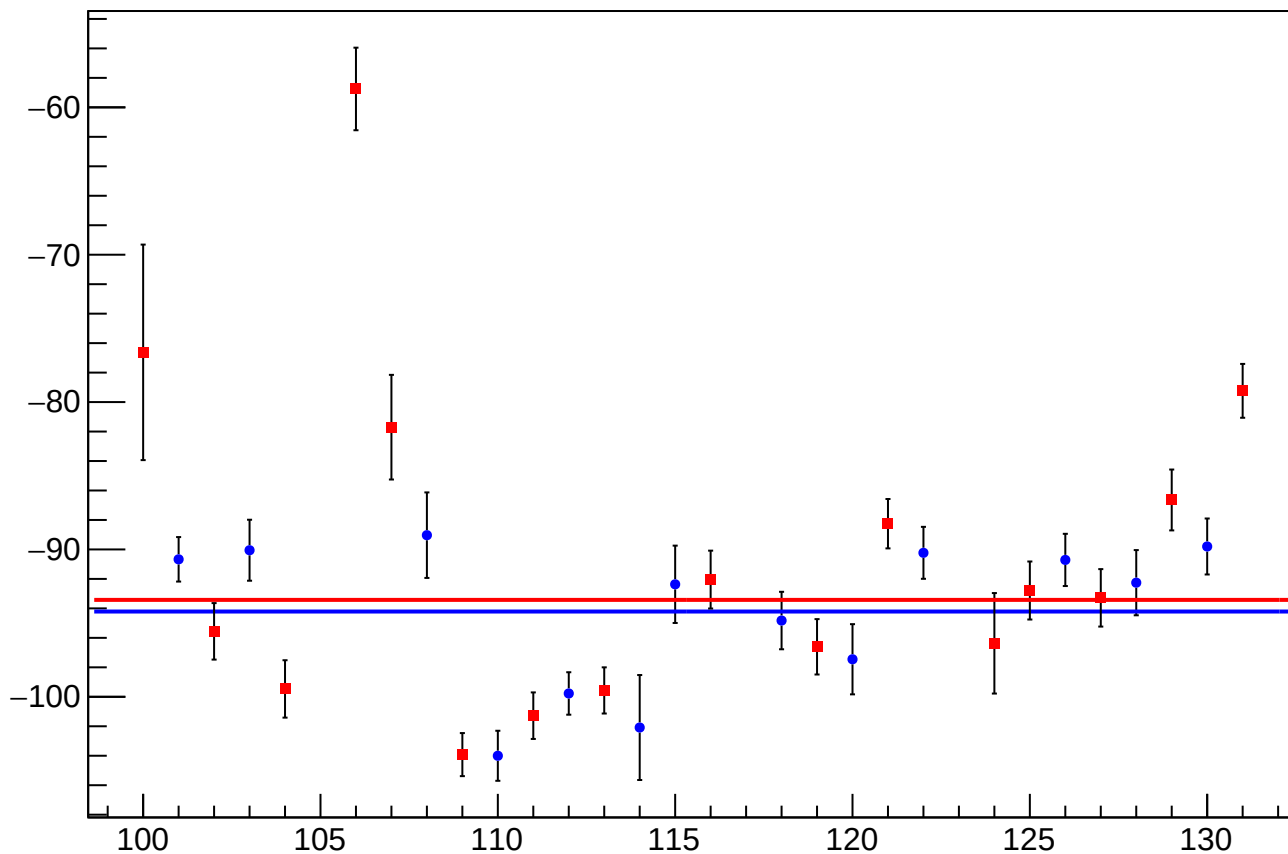
Right: -5.834+/-0.341 χ^2 /NDF: 663.1/28

In: -5.446+/-0.493 χ^2 /NDF:293.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.834+/-0.341 χ^2 /NDF: 663.1/28

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.213+/-0.542 χ^2/NDF : 83.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.424+/-0.495 χ^2/NDF : 356.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

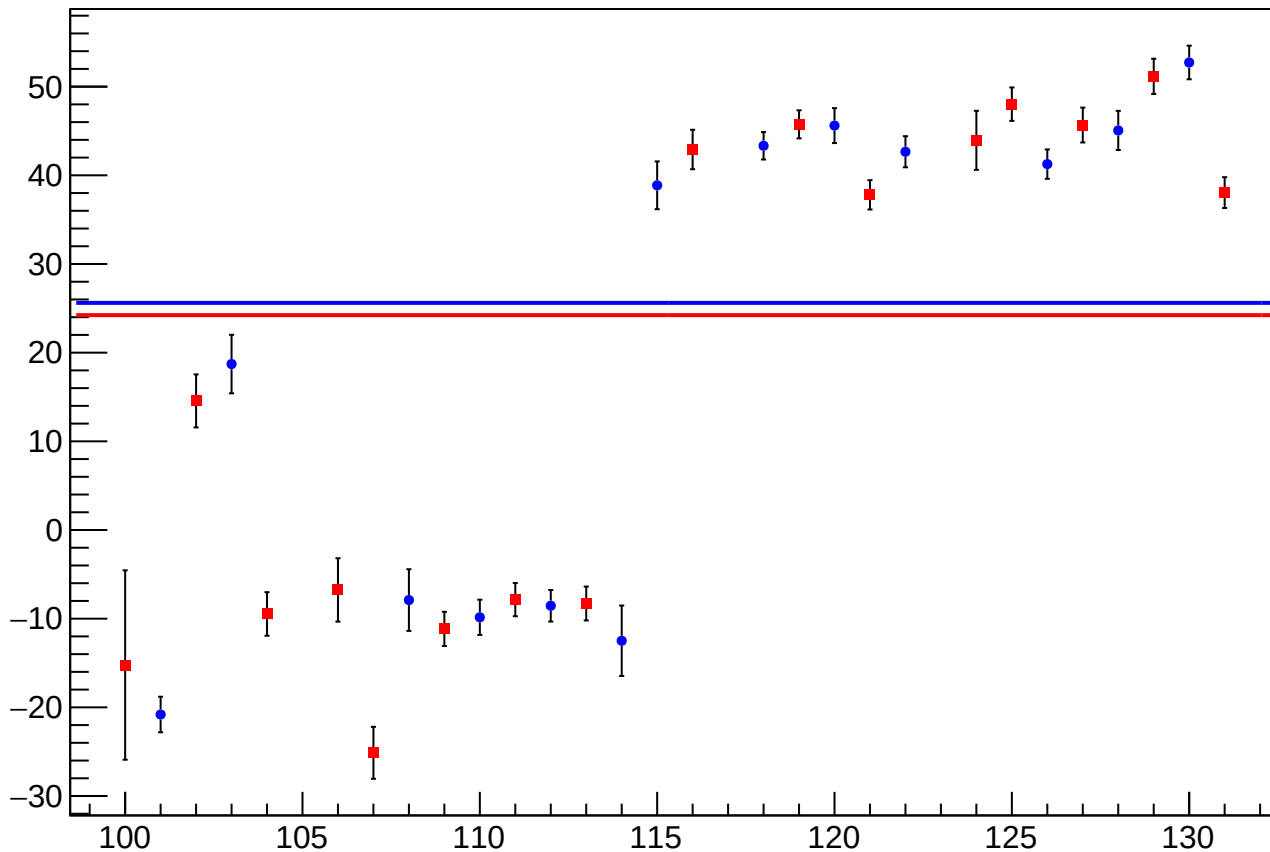
Right: -93.783+/-0.366 χ^2/NDF : 441.3/28

In: -94.213+/-0.542 χ^2/NDF : 83.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.783+/-0.366 χ^2/NDF : 441.3/28

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.616+/-0.573 χ^2 /NDF: 2136.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 24.232+/-0.535 χ^2 /NDF: 2374.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

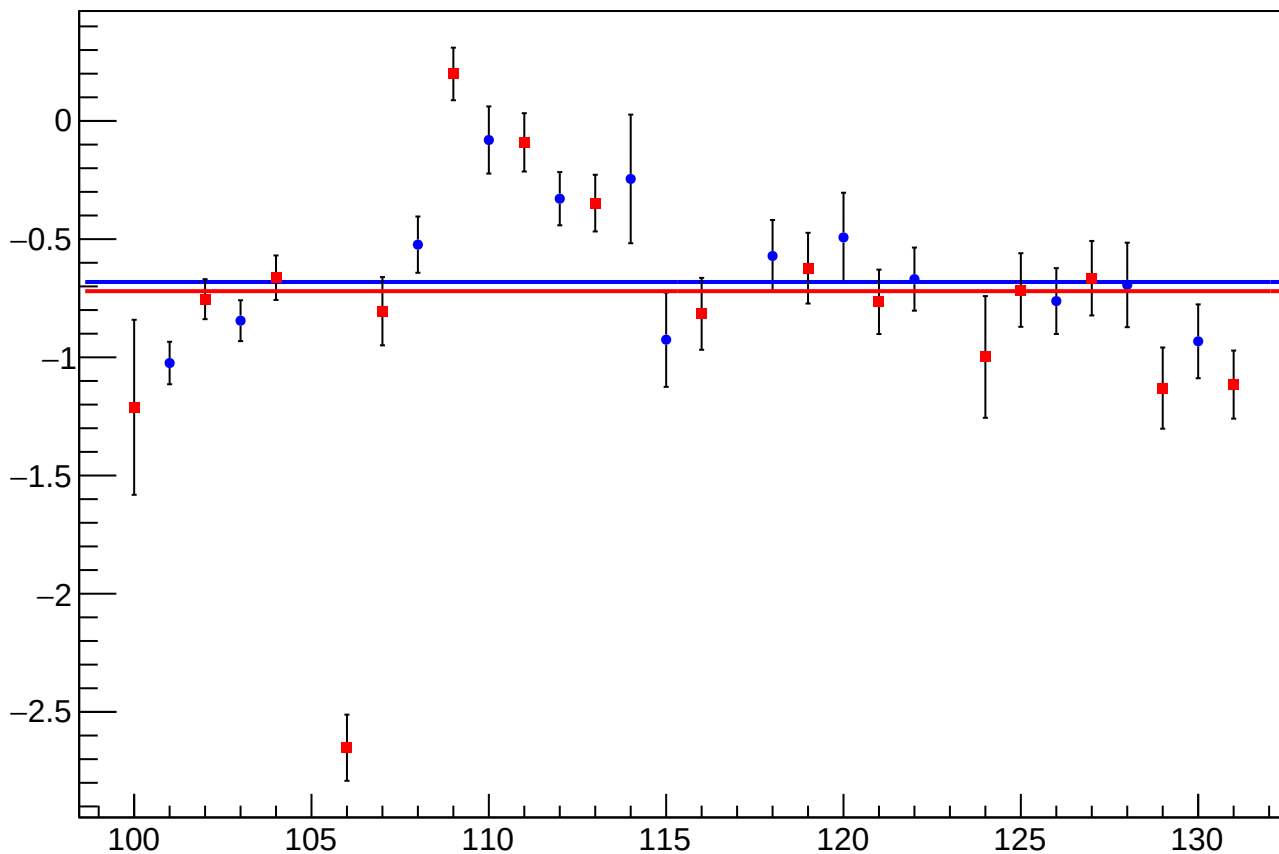
Right: 24.876+/-0.391 χ^2 /NDF: 4514.7/28

In: 25.616+/-0.573 χ^2 /NDF:2136.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 24.876+/-0.391 χ^2 /NDF: 4514.7/28

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.681 ± 0.037 χ^2/NDF : 56.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.720 ± 0.033 χ^2/NDF : 312.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

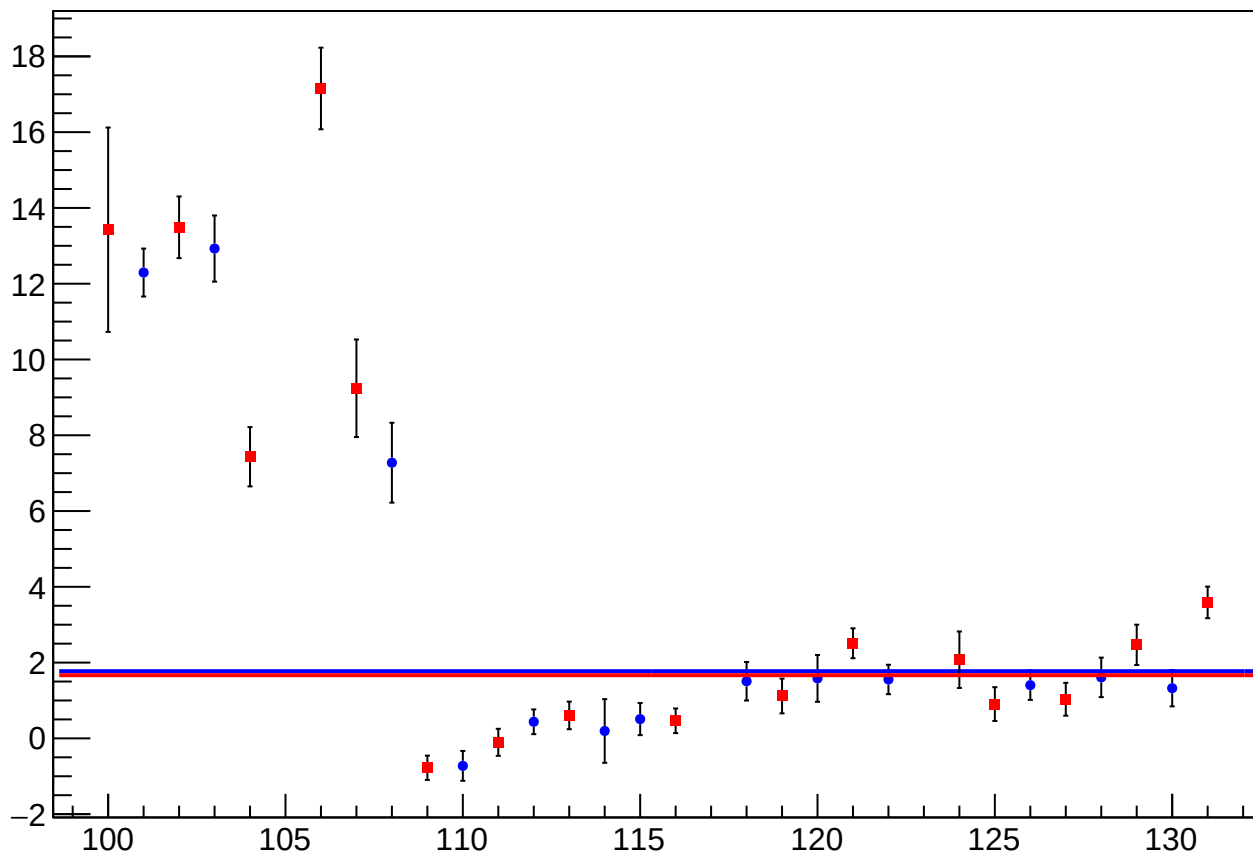
Right: -0.702 ± 0.025 χ^2/NDF : 369.3/28

In: -0.681 ± 0.037 χ^2/NDF : 56.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.702 ± 0.025 χ^2/NDF : 369.3/28

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.773+/-0.135 χ^2/NDF : 538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.667+/-0.118 χ^2/NDF : 665.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

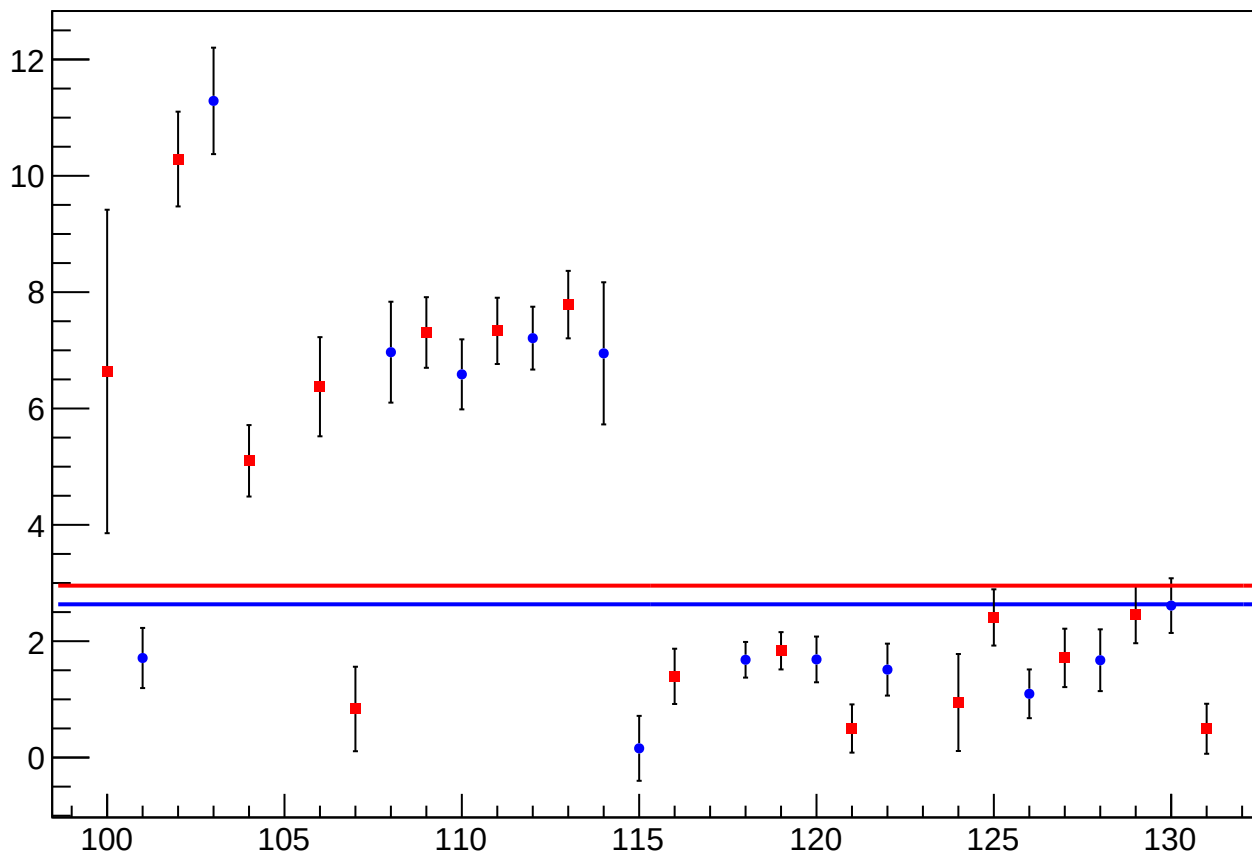
Right: 1.713+/-0.089 χ^2/NDF : 1204.1/28

In: 1.773+/-0.135 χ^2/NDF : 538.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.713+/-0.089 χ^2/NDF : 1204.1/28

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.634+/-0.138 χ^2/NDF : 303.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.955+/-0.134 χ^2/NDF : 404.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

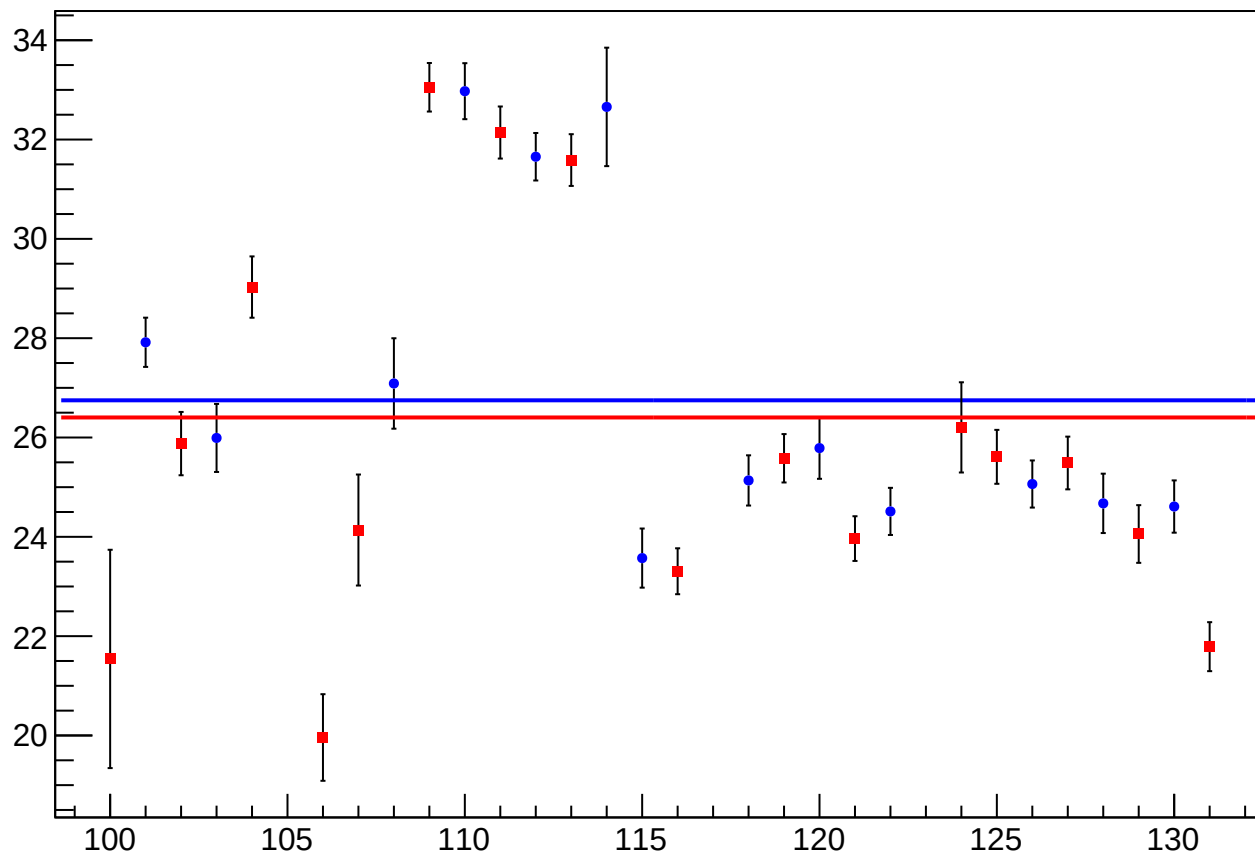
Right: 2.799+/-0.096 χ^2/NDF : 710.6/28

In: 2.634+/-0.138 χ^2/NDF : 303.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.799+/-0.096 χ^2/NDF : 710.6/28

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.749+/-0.158 χ^2/NDF : 363.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.404+/-0.144 χ^2/NDF : 672.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

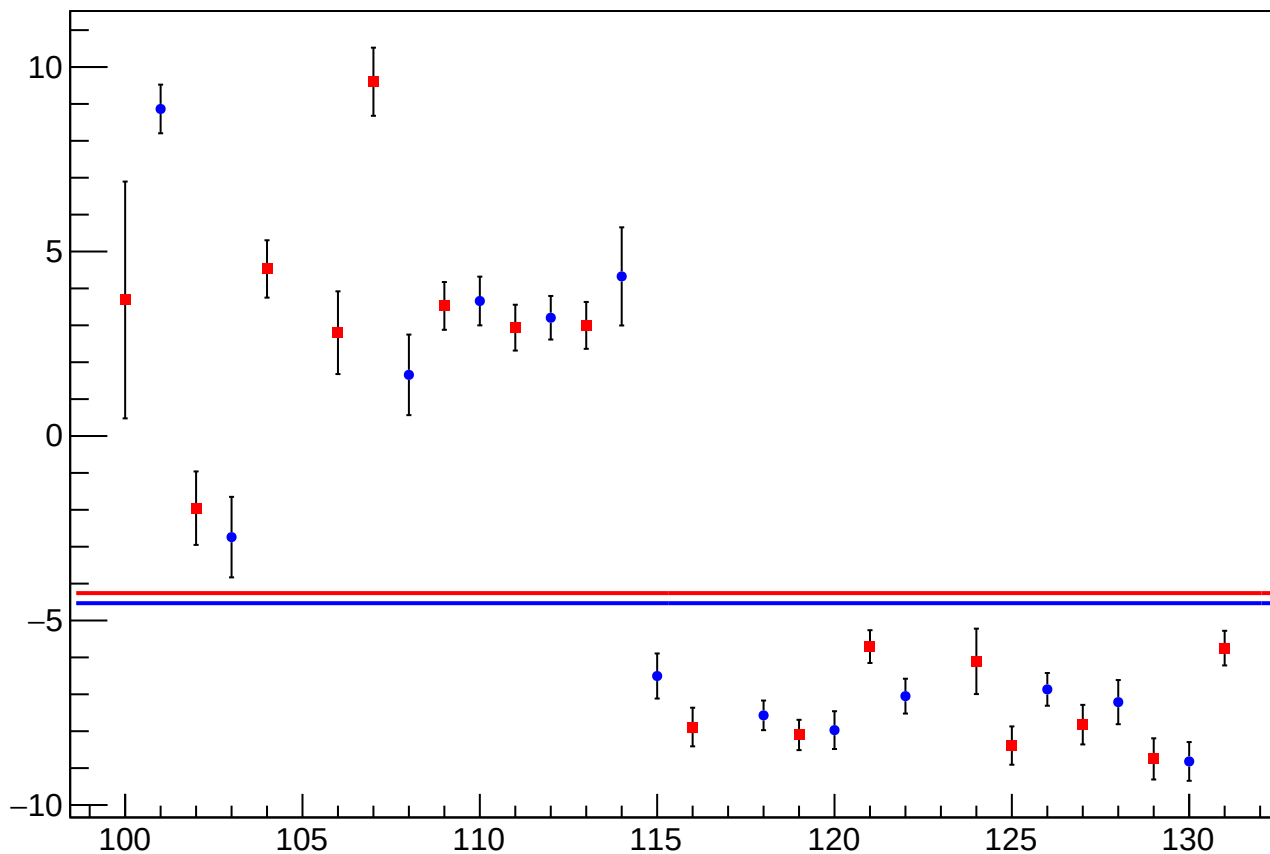
Right: 26.561+/-0.106 χ^2/NDF : 1037.9/28

In: 26.749+/-0.158 χ^2/NDF : 363.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.561+/-0.106 χ^2/NDF : 1037.9/28

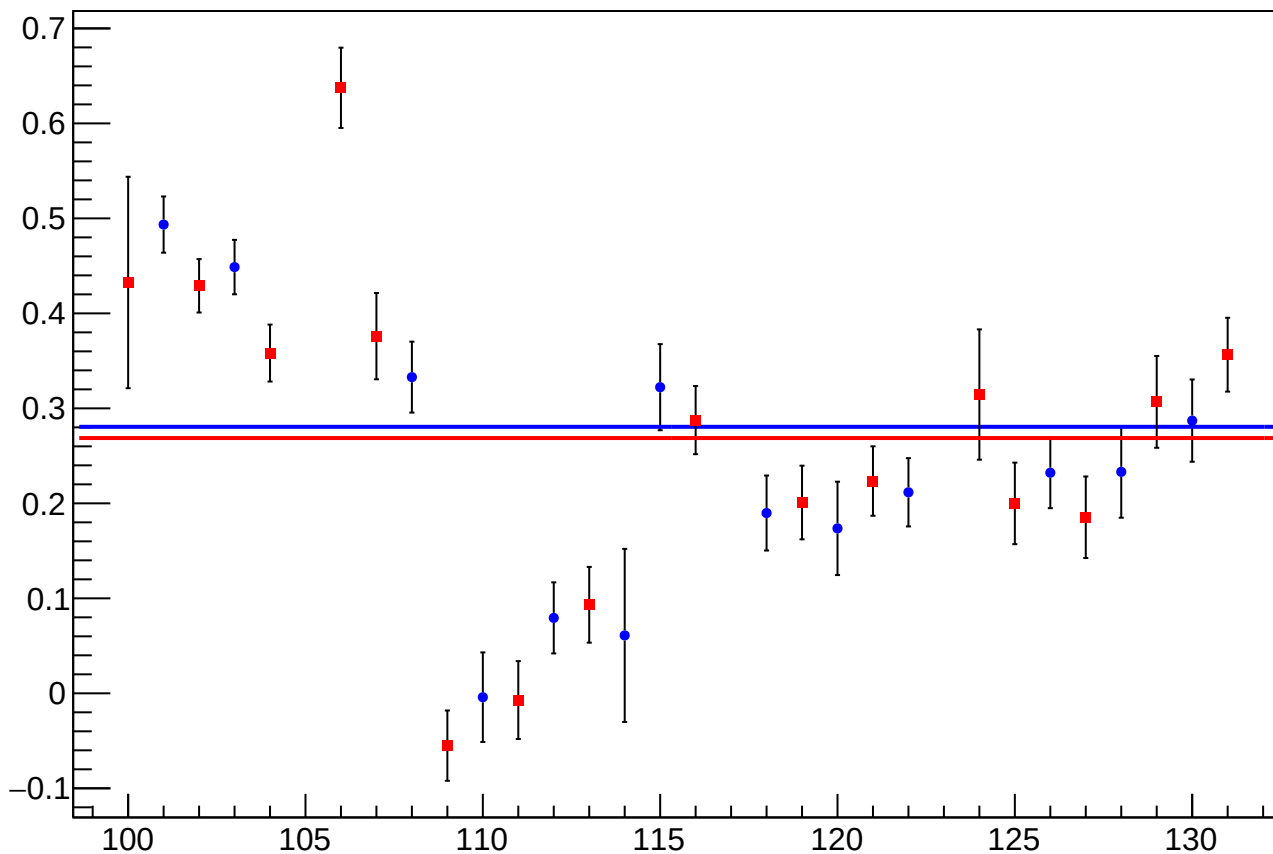
reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.530 $\pm$ 0.161 χ^2 /NDF: 1073.3/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -4.257 $\pm$ 0.152 χ^2 /NDF: 1146.4/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -4.386 $\pm$ 0.111 χ^2 /NDF: 2221.3/28
 In: -4.530 $\pm$ 0.161 χ^2 /NDF:1073.3/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -4.386 $\pm$ 0.111 χ^2 /NDF: 2221.3/28

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.281+/-0.011 χ^2/NDF : 176.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.269+/-0.010 χ^2/NDF : 283.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

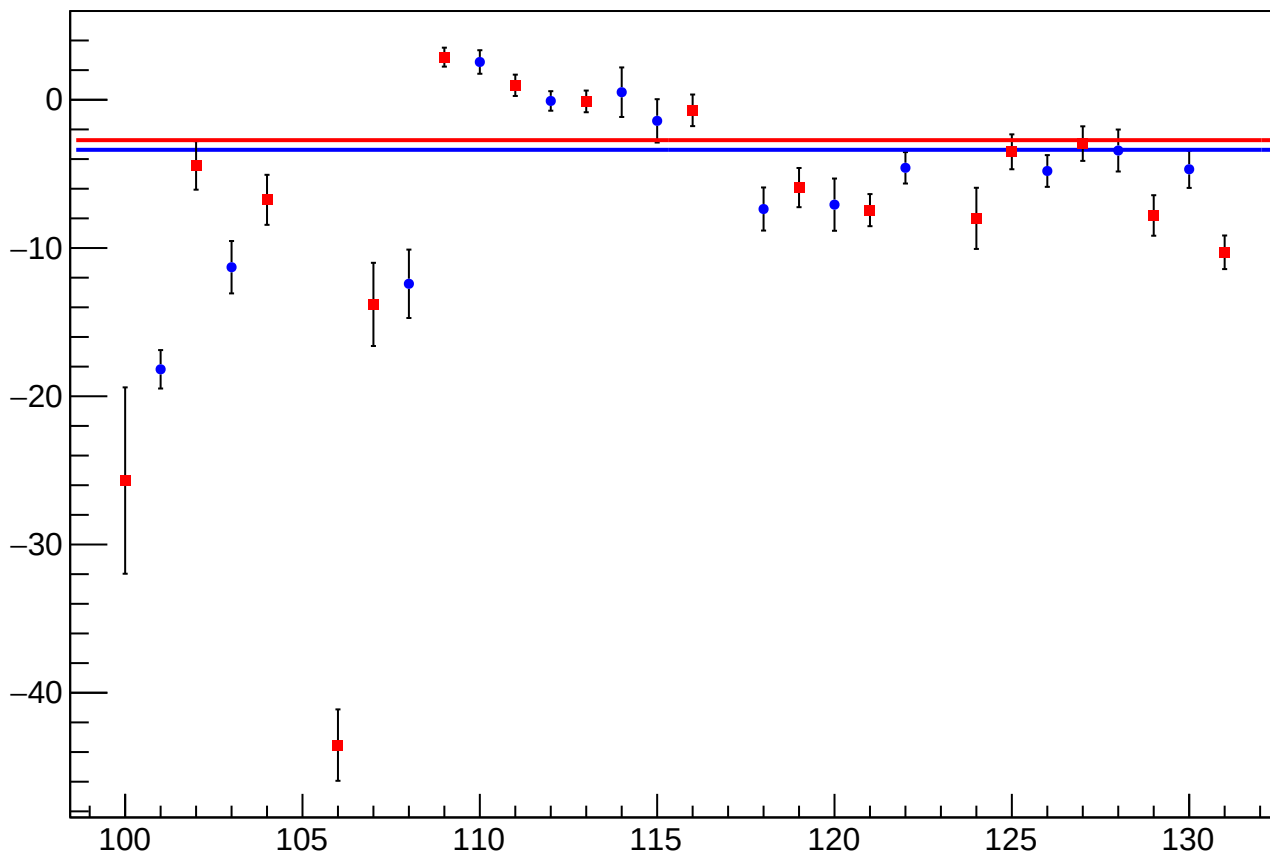
Right: 0.274+/-0.007 χ^2/NDF : 461.1/28

In: 0.281+/-0.011 χ^2/NDF : 176.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.274+/-0.007 χ^2/NDF : 461.1/28

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.375+/-0.324 χ^2 /NDF: 269.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.724+/-0.282 χ^2 /NDF: 532.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

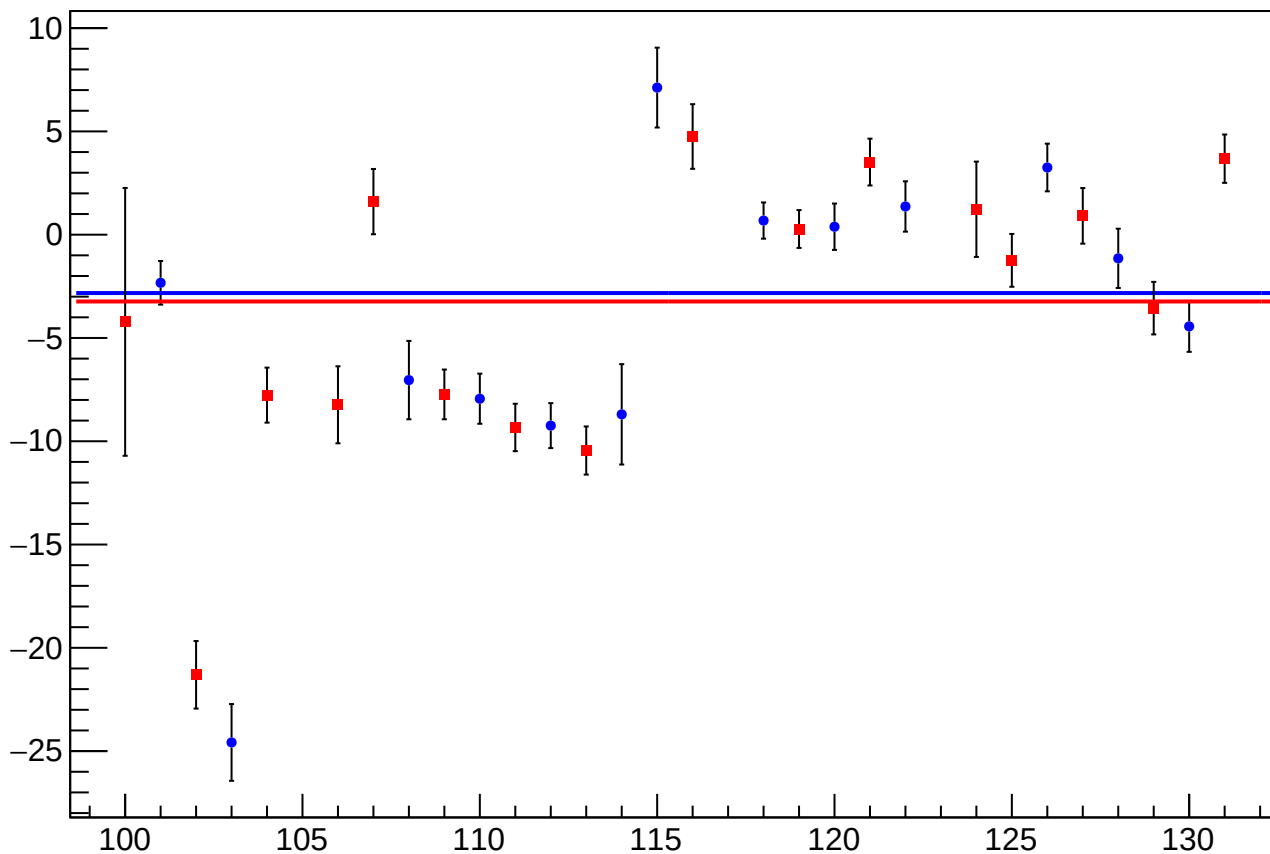
Right: -3.004+/-0.213 χ^2 /NDF: 804.8/28

In: -3.375+/-0.324 χ^2 /NDF:269.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.004+/-0.213 χ^2 /NDF: 804.8/28

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.825+/-0.352 χ^2 /NDF: 294.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.233+/-0.335 χ^2 /NDF: 357.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

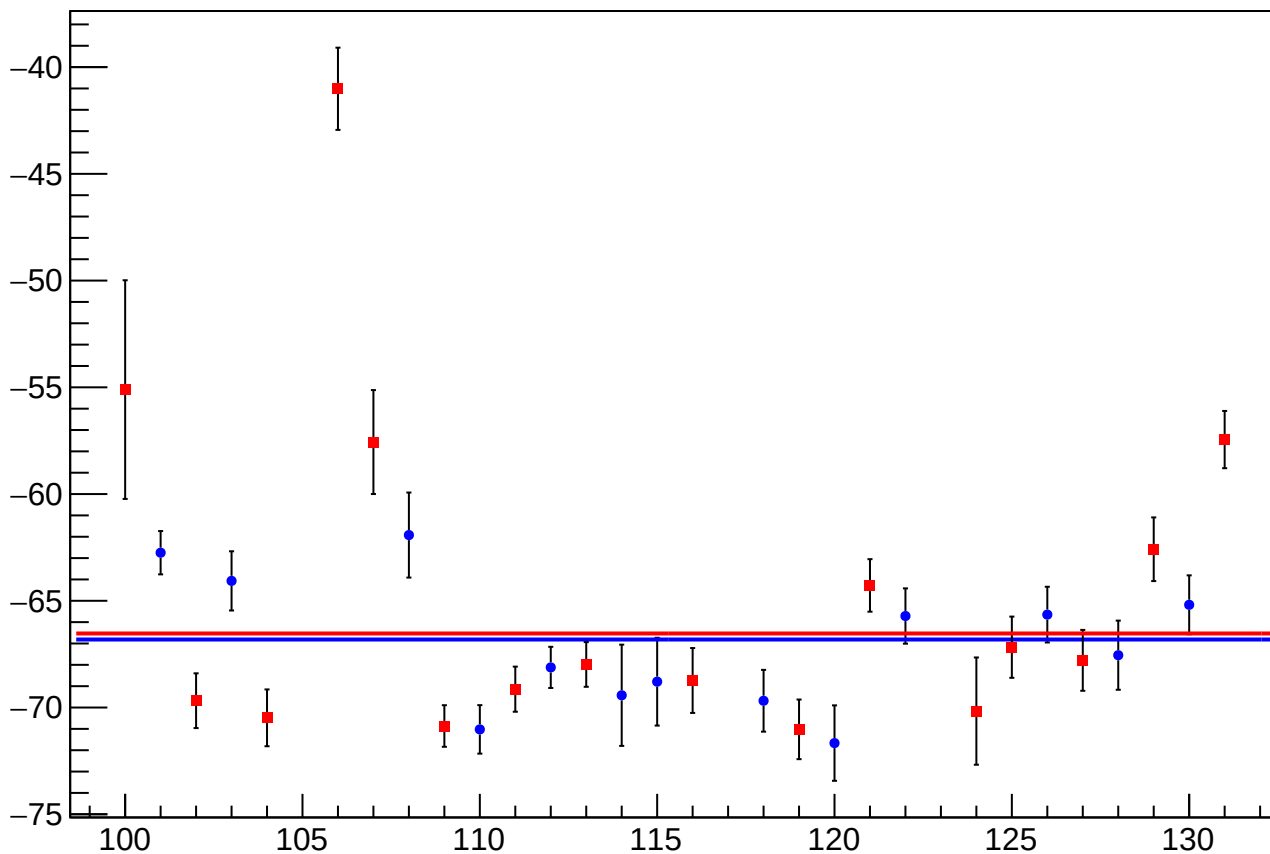
Right: -3.039+/-0.242 χ^2 /NDF: 652.5/28

In: -2.825+/-0.352 χ^2 /NDF:294.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.039+/-0.242 χ^2 /NDF: 652.5/28

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.814 $\pm$ 0.381 χ^2 /NDF: 58.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.531 $\pm$ 0.348 χ^2 /NDF: 308.5/15

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

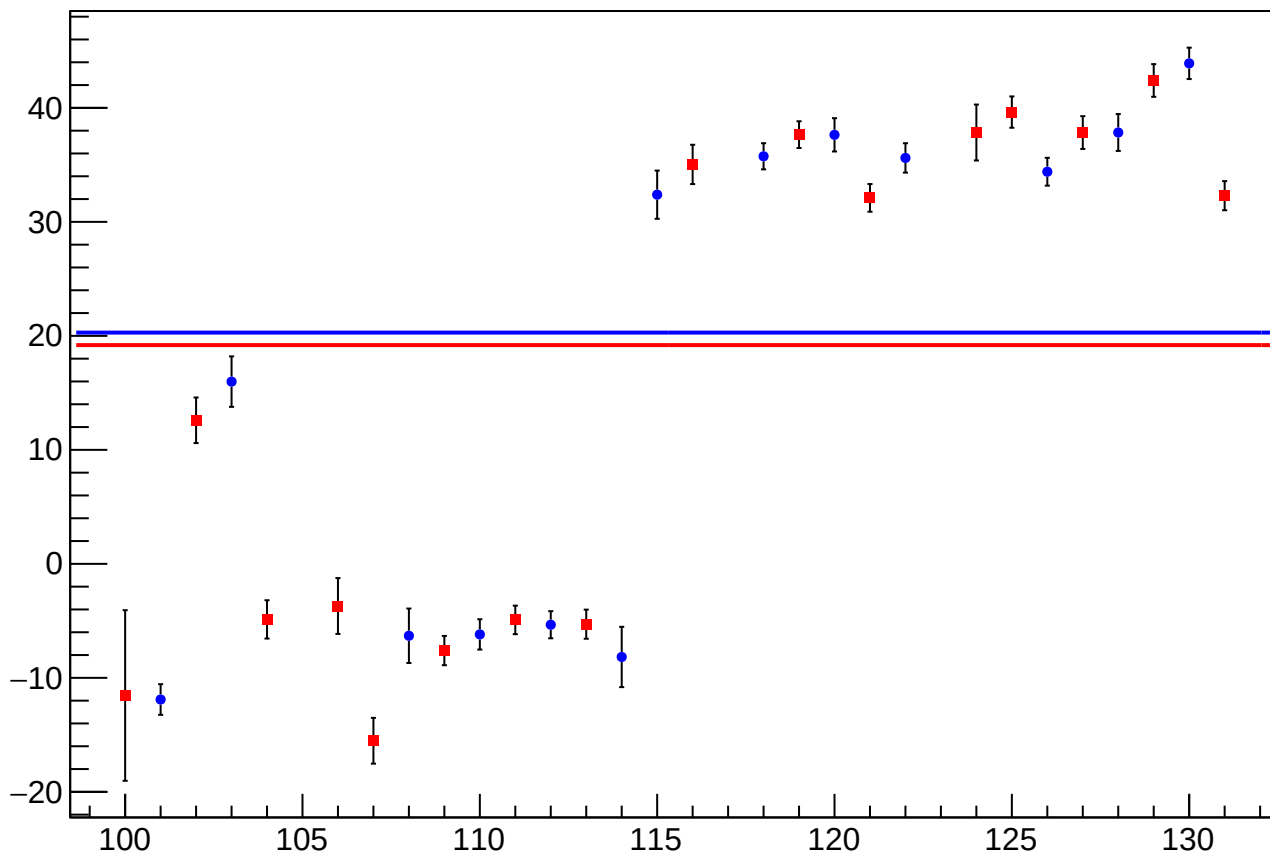
Right: -66.660 $\pm$ 0.257 χ^2 /NDF: 367.1/28

In: -66.814 $\pm$ 0.381 χ^2 /NDF:58.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.660 $\pm$ 0.257 χ^2 /NDF: 367.1/28

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.286+/-0.409 χ^2/NDF : 2718.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.189+/-0.380 χ^2/NDF : 3052.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

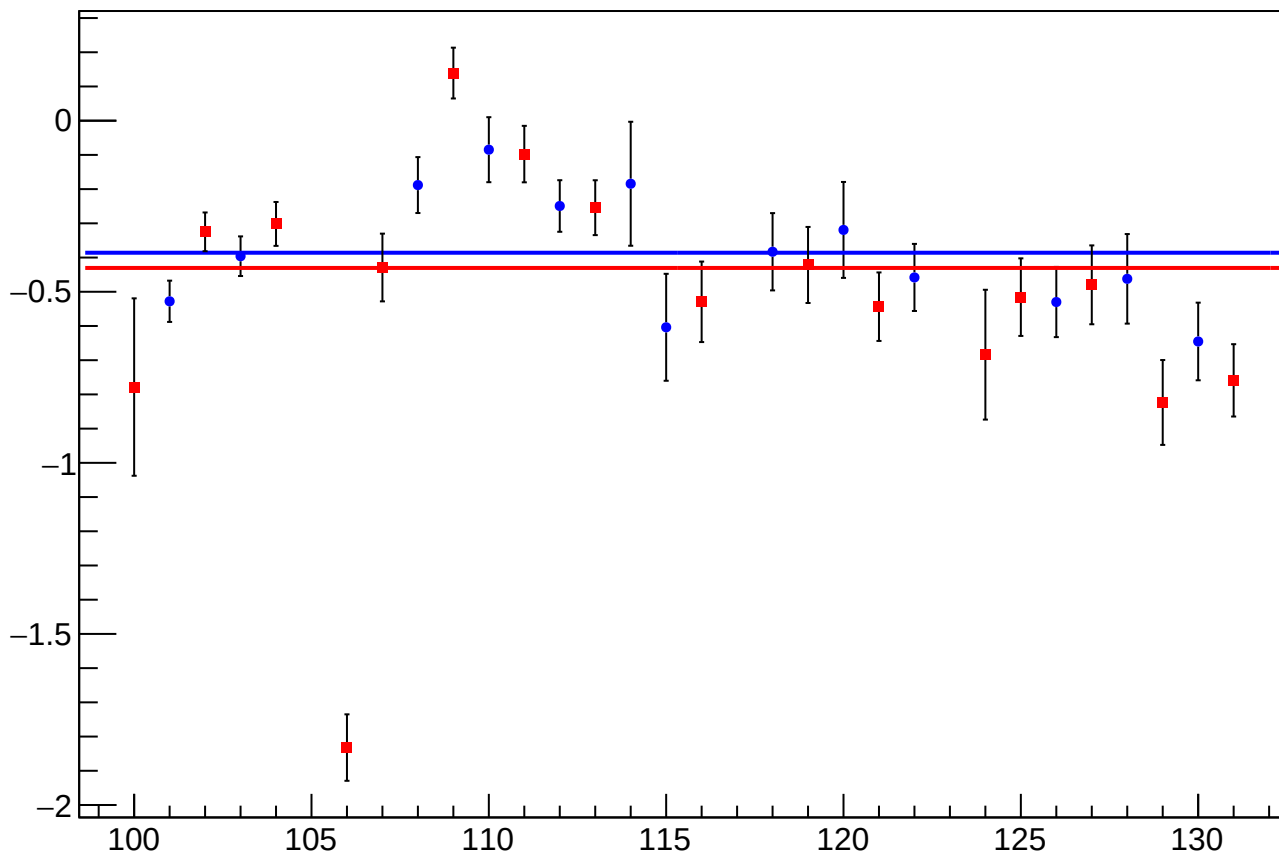
Right: 19.698+/-0.278 χ^2/NDF : 5775.0/28

In: 20.286+/-0.409 χ^2/NDF :2718.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.698+/-0.278 χ^2/NDF : 5775.0/28

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.386+/-0.025 χ^2/NDF : 36.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.430+/-0.023 χ^2/NDF : 321.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

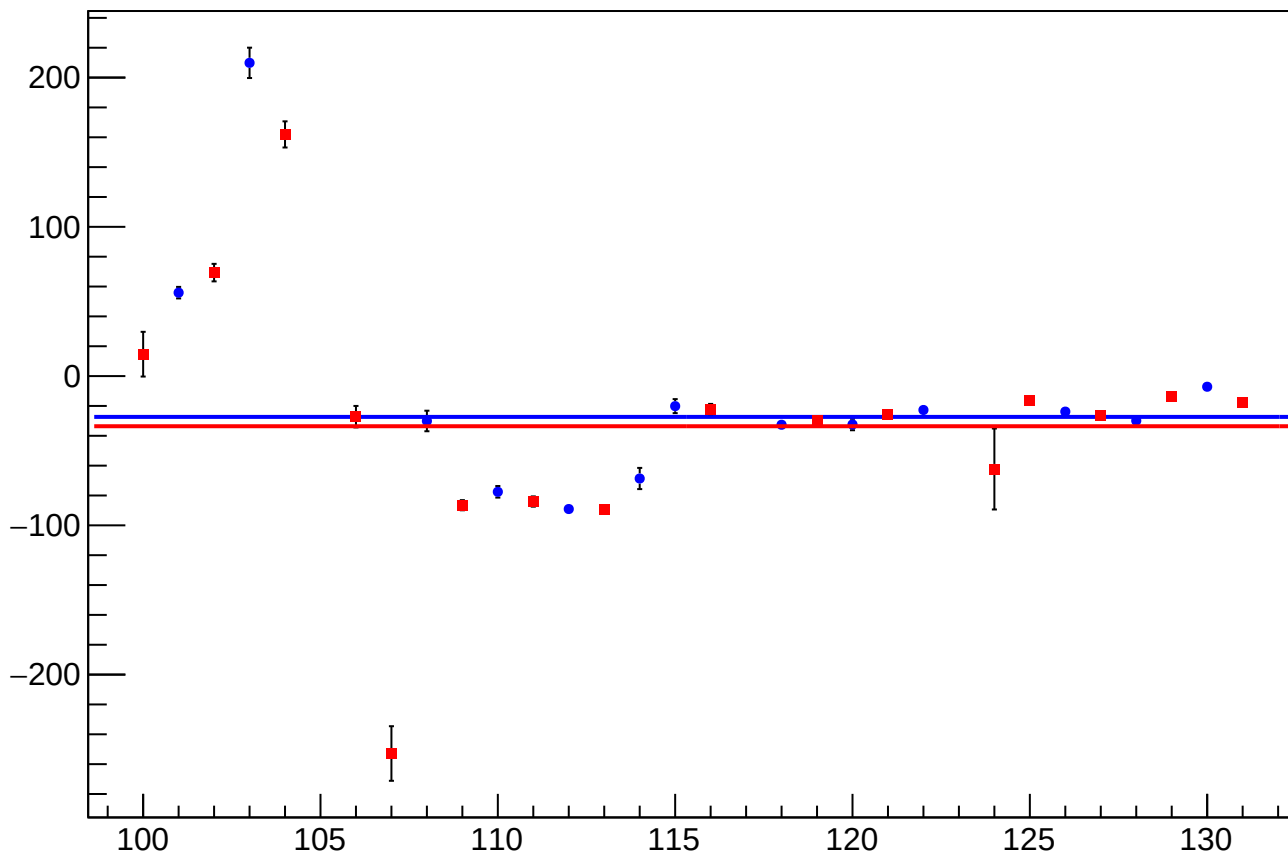
Right: -0.410+/-0.017 χ^2/NDF : 359.7/28

In: -0.386+/-0.025 χ^2/NDF : 36.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.410+/-0.017 χ^2/NDF : 359.7/28

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.341 ± 1.022 $\chi^2/\text{NDF}: 1658.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -33.598 ± 0.961 $\chi^2/\text{NDF}: 1822.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

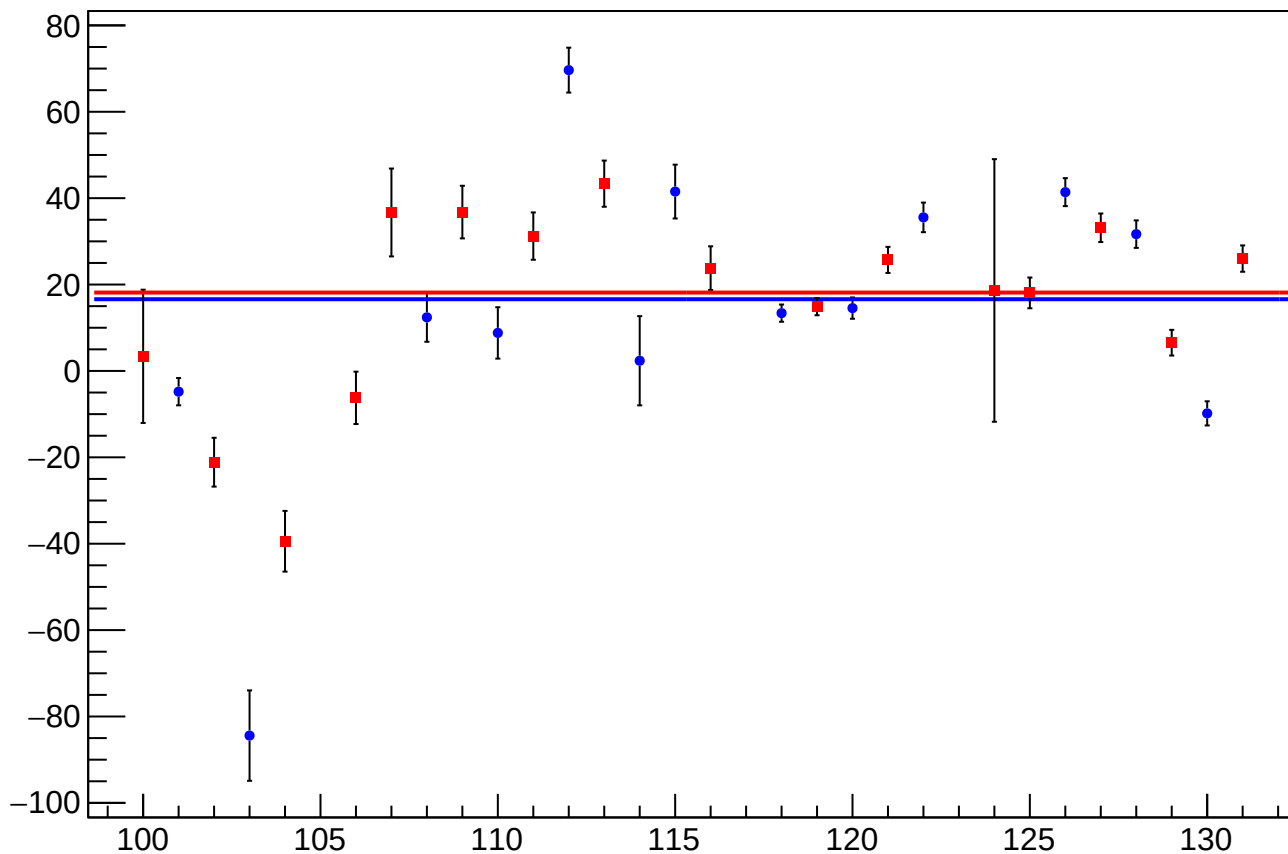
Right: -30.662 ± 0.700 $\chi^2/\text{NDF}: 3501.1/28$

In: -27.341 ± 1.022 $\chi^2/\text{NDF}: 1658.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.662 ± 0.700 $\chi^2/\text{NDF}: 3501.1/28$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.601+/-0.970 χ^2/NDF : 467.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.145+/-1.008 χ^2/NDF : 225.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

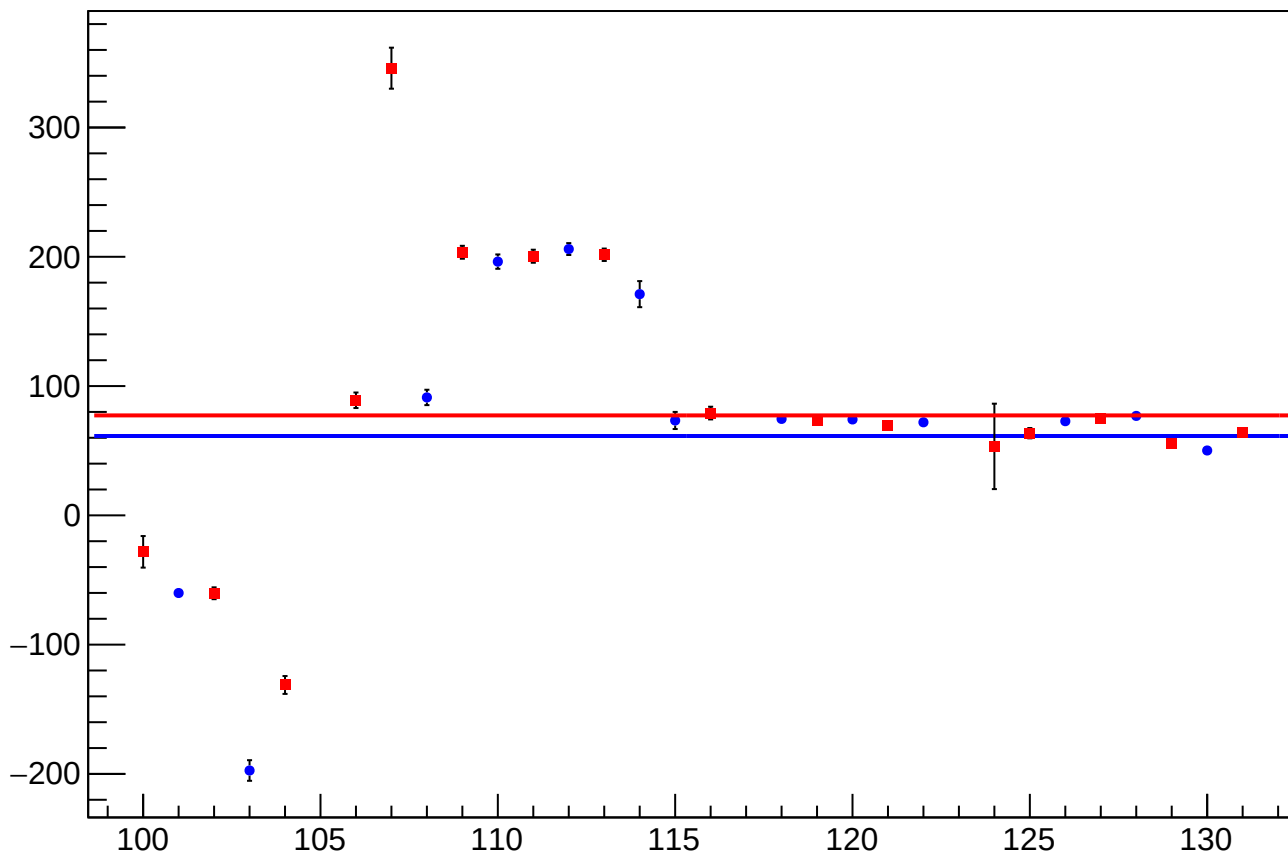
Right: 17.343+/-0.699 χ^2/NDF : 694.6/28

In: 16.601+/-0.970 χ^2/NDF : 467.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.343+/-0.699 χ^2/NDF : 694.6/28

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.381+/-1.142 χ^2/NDF : 4473.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.308+/-1.126 χ^2/NDF : 4152.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

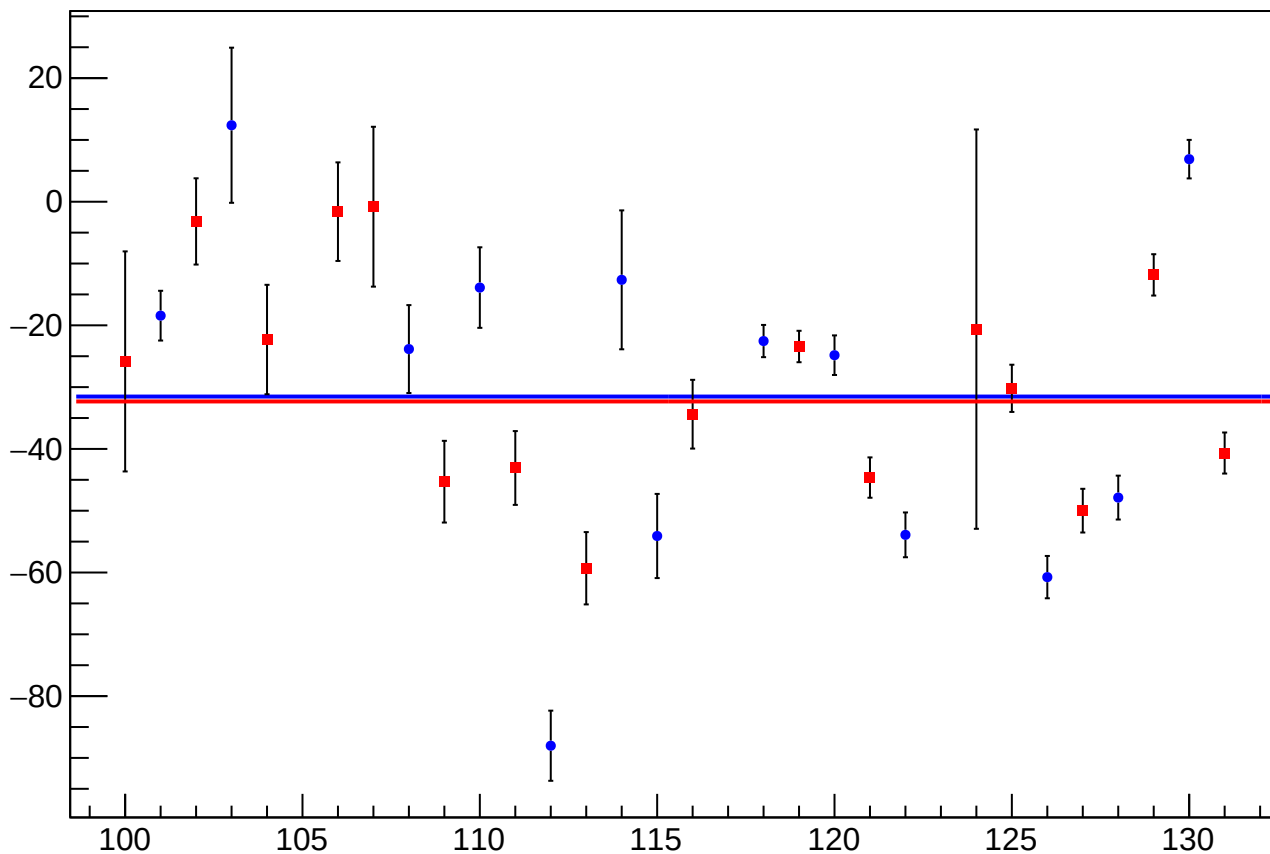
Right: 69.459+/-0.802 χ^2/NDF : 8723.9/28

In: 61.381+/-1.142 χ^2/NDF : 4473.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.459+/-0.802 χ^2/NDF : 8723.9/28

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.528 ± 1.147 χ^2/NDF : 444.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.317 ± 1.156 χ^2/NDF : 163.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

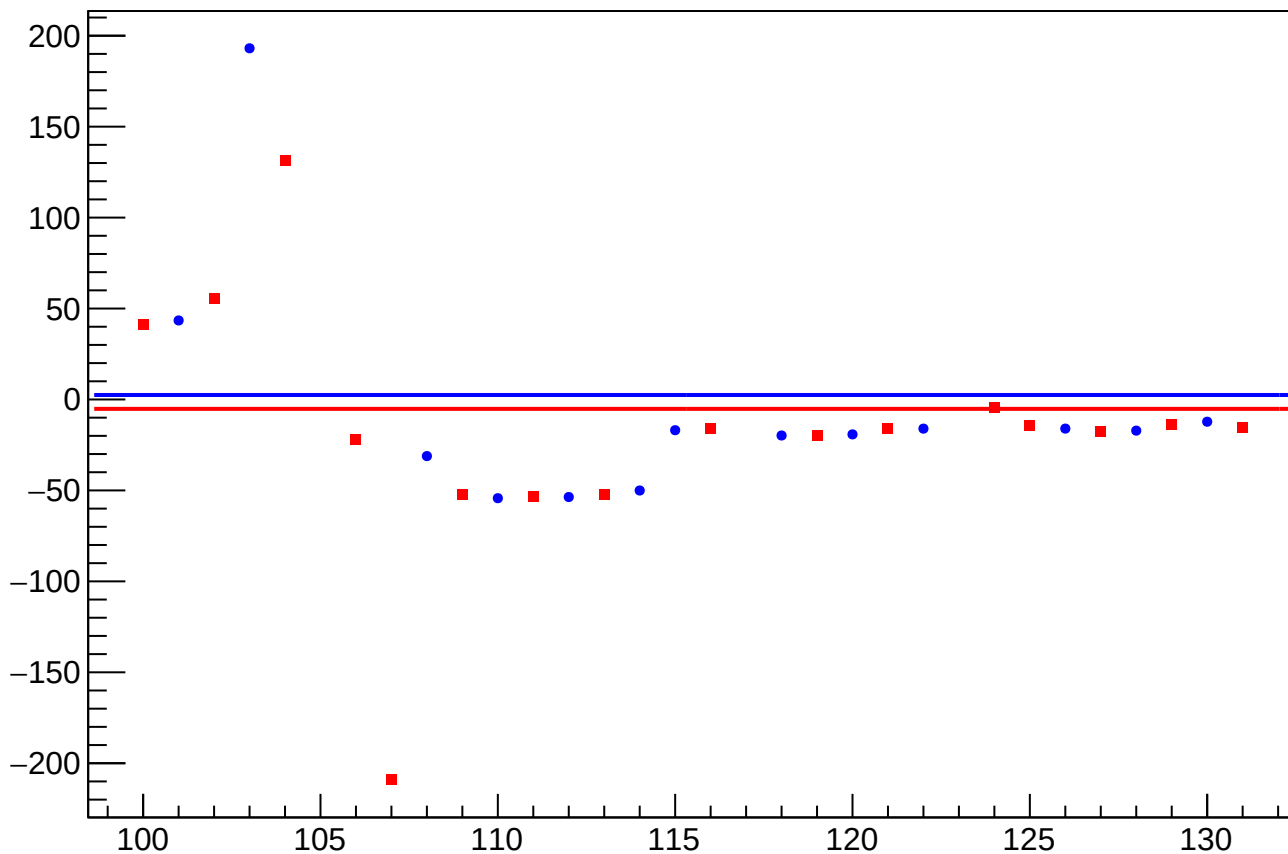
Right: -31.919 ± 0.814 χ^2/NDF : 608.4/28

In: -31.528 ± 1.147 χ^2/NDF : 444.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.919 ± 0.814 χ^2/NDF : 608.4/28

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.471+/-0.081 χ^2/NDF : 467987.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.154+/-0.079 χ^2/NDF : 421518.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

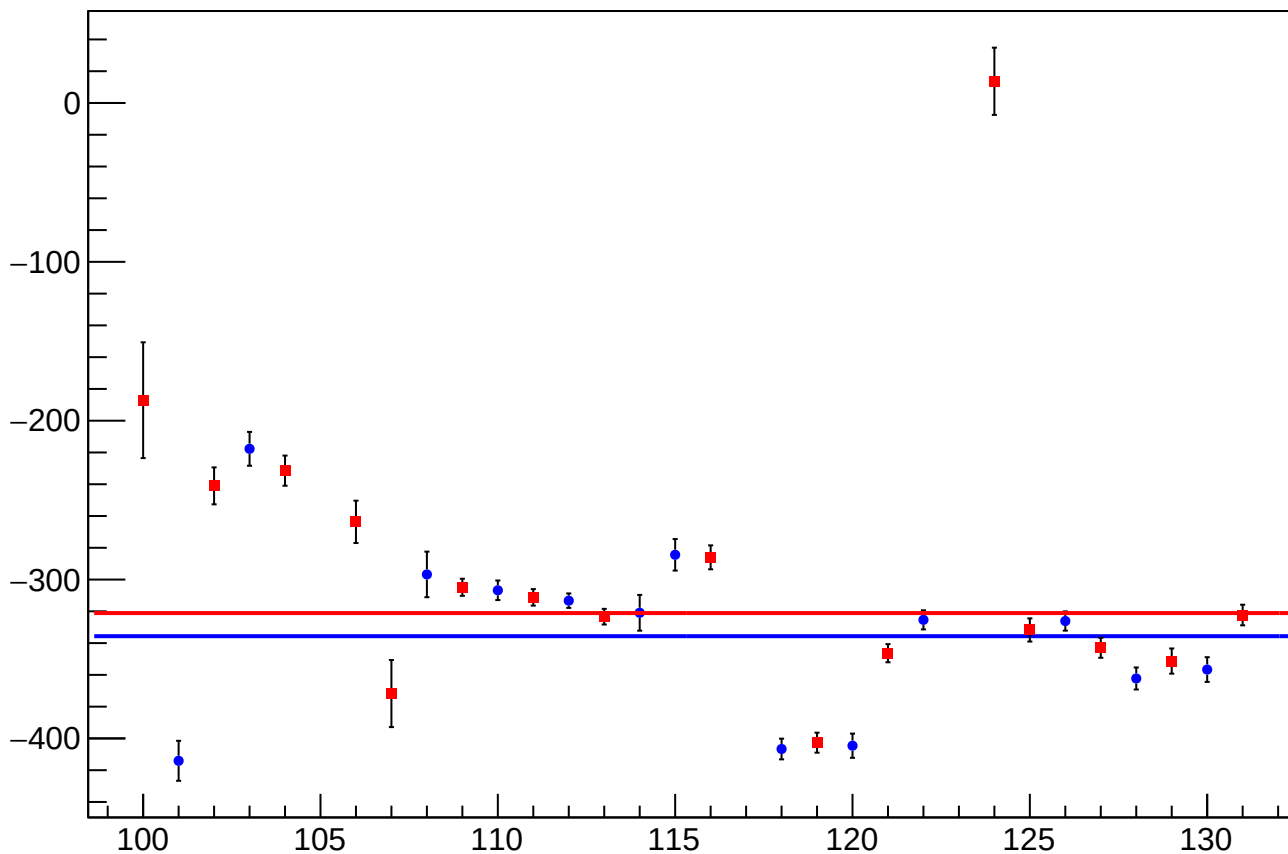
Right: -1.402+/-0.056 χ^2/NDF : 894061.8/28

In: 2.471+/-0.081 χ^2/NDF : 467987.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.402+/-0.056 χ^2/NDF : 894061.8/28

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -335.649+/-2.018 χ^2/NDF : 471.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -321.096+/-1.827 χ^2/NDF : 675.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

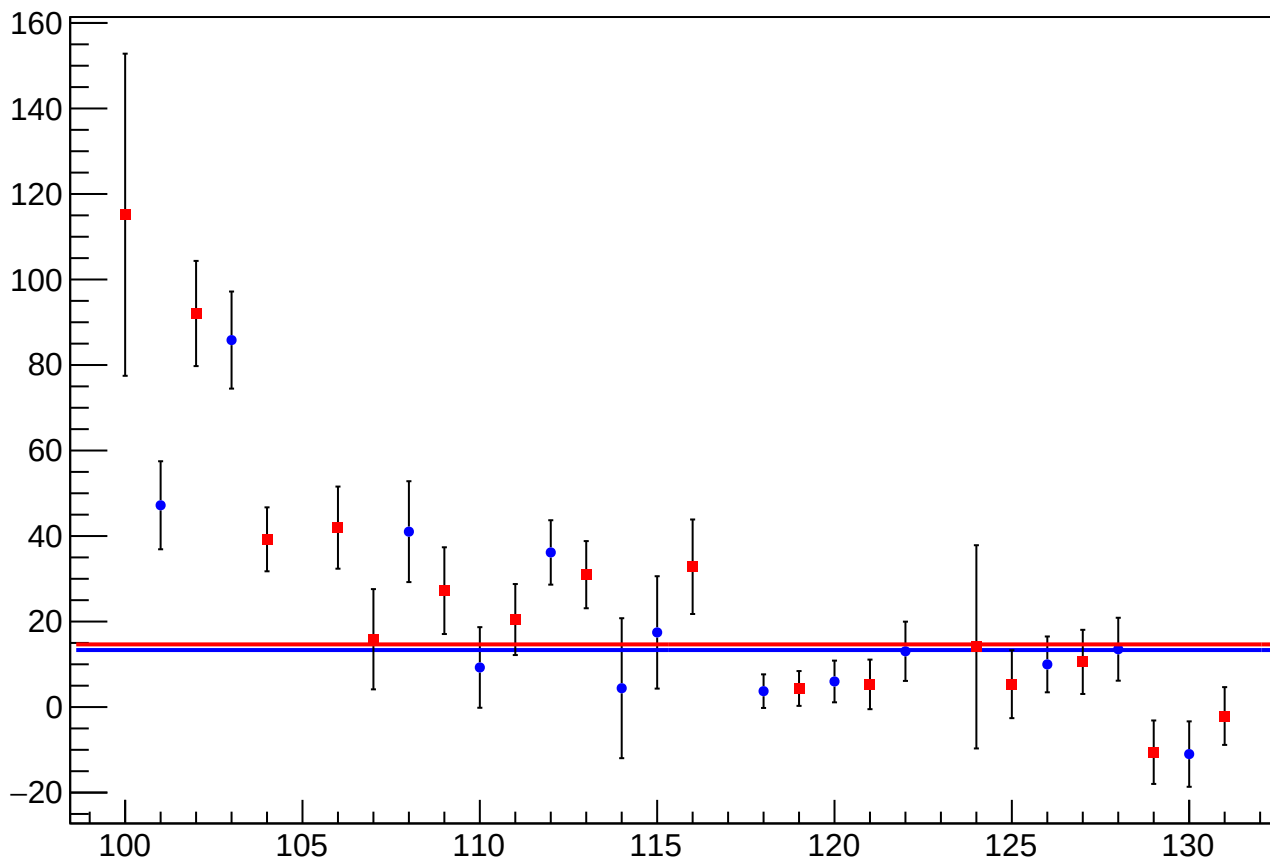
Right: -327.654+/-1.354 χ^2/NDF : 1175.5/28

In: -335.649+/-2.018 χ^2/NDF : 471.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.654+/-1.354 χ^2/NDF : 1175.5/28

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.334 $\pm$ 2.003 χ^2 /NDF: 85.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.658 $\pm$ 1.971 χ^2 /NDF: 103.0/15

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

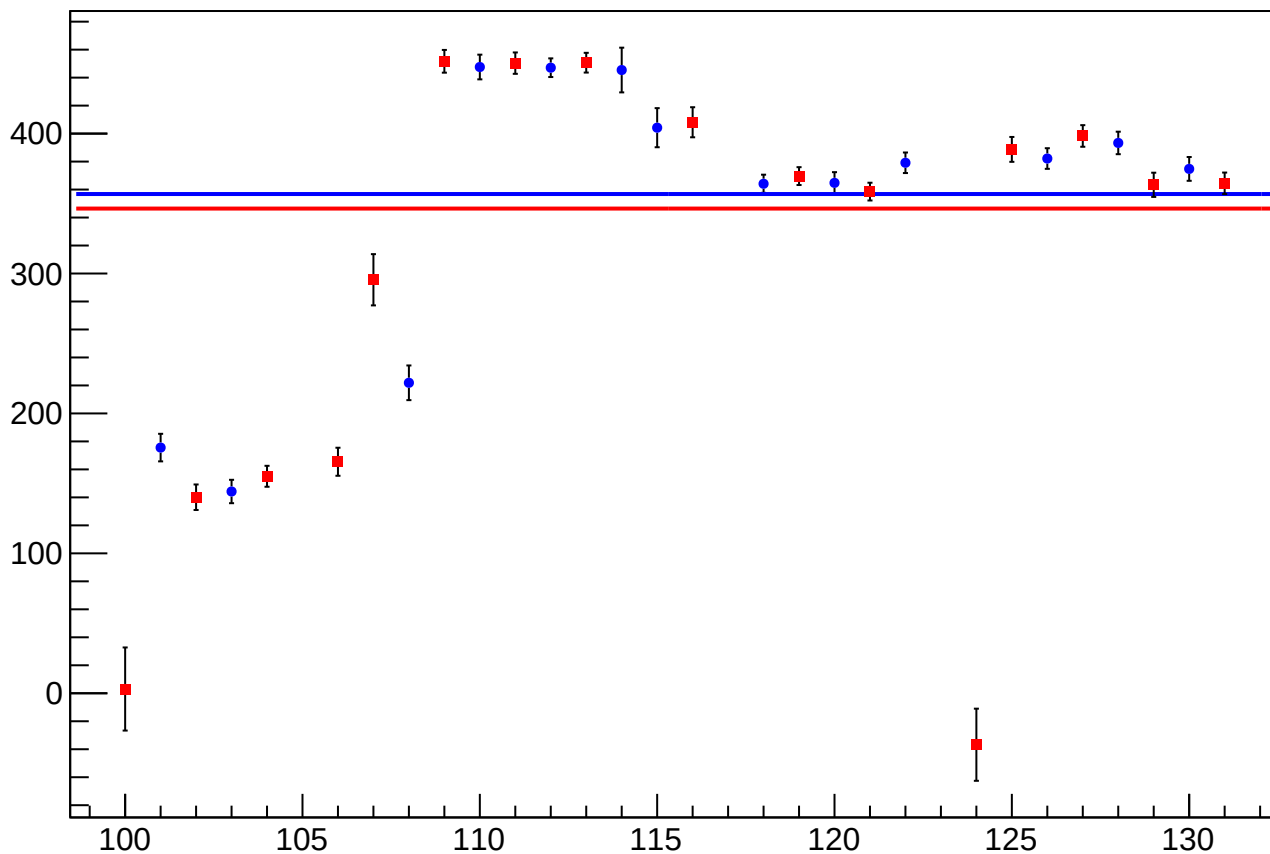
Right: 14.007 $\pm$ 1.405 χ^2 /NDF: 188.7/28

In: 13.334 $\pm$ 2.003 χ^2 /NDF: 85.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.007 $\pm$ 1.405 χ^2 /NDF: 188.7/28

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 356.804+/-2.341 χ^2/NDF : 1483.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.417+/-2.153 χ^2/NDF : 2552.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

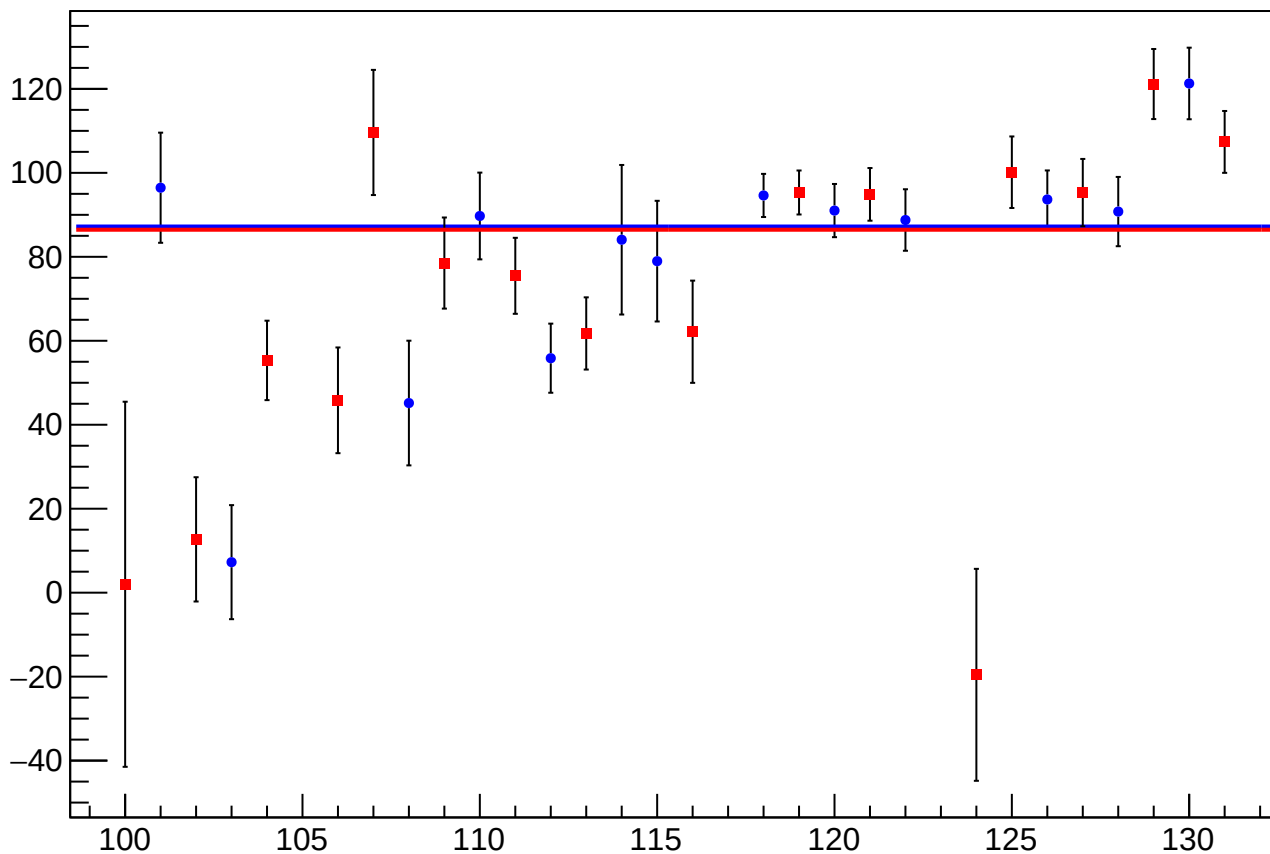
Right: 351.178+/-1.585 χ^2/NDF : 4046.6/28

In: 356.804+/-2.341 χ^2/NDF : 1483.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.178+/-1.585 χ^2/NDF : 4046.6/28

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 87.216+/-2.366 χ^2/NDF : 77.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.450+/-2.273 χ^2/NDF : 118.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

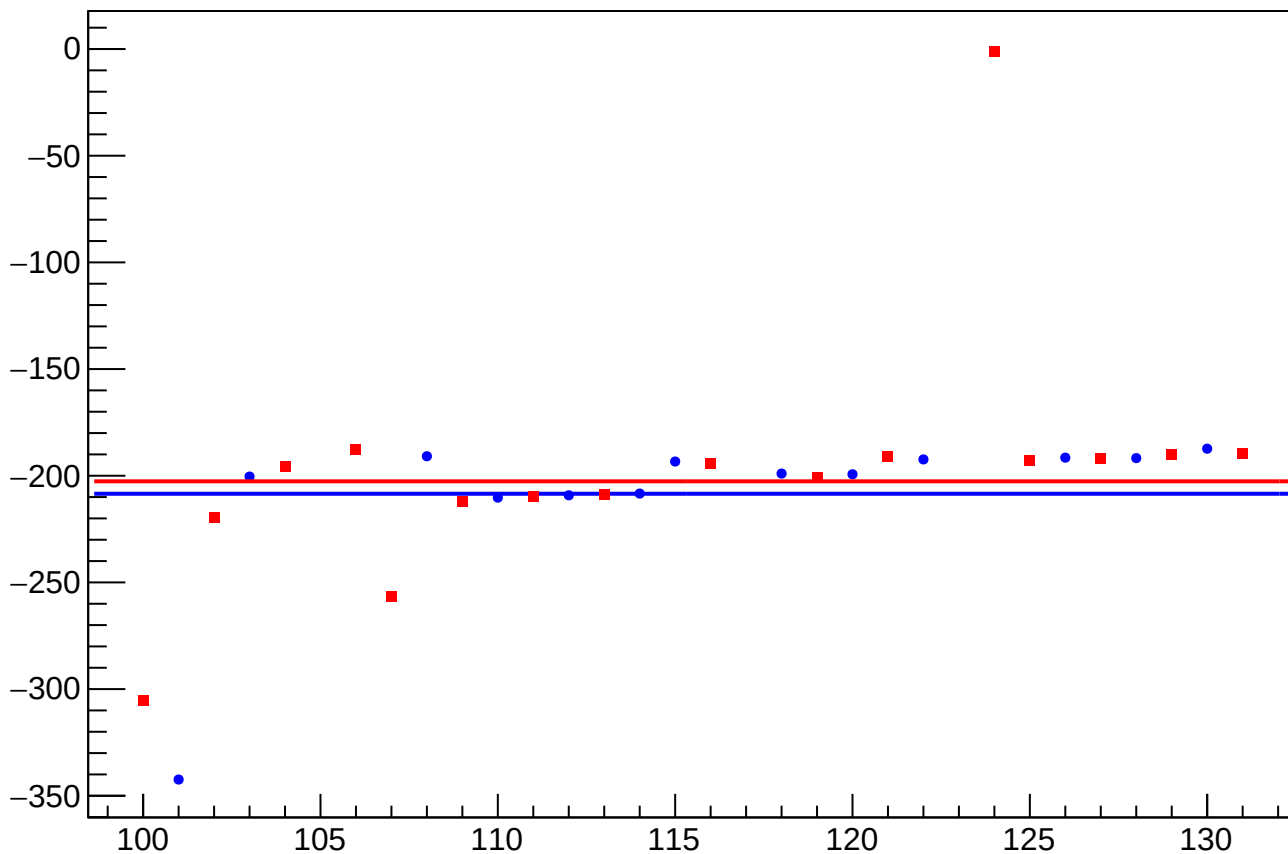
Right: 86.818+/-1.639 χ^2/NDF : 195.6/28

In: 87.216+/-2.366 χ^2/NDF : 77.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.818+/-1.639 χ^2/NDF : 195.6/28

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -208.441 $\pm$ 0.160 χ^2 /NDF: 57594.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -202.622 $\pm$ 0.146 χ^2 /NDF: 25996.3/15

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

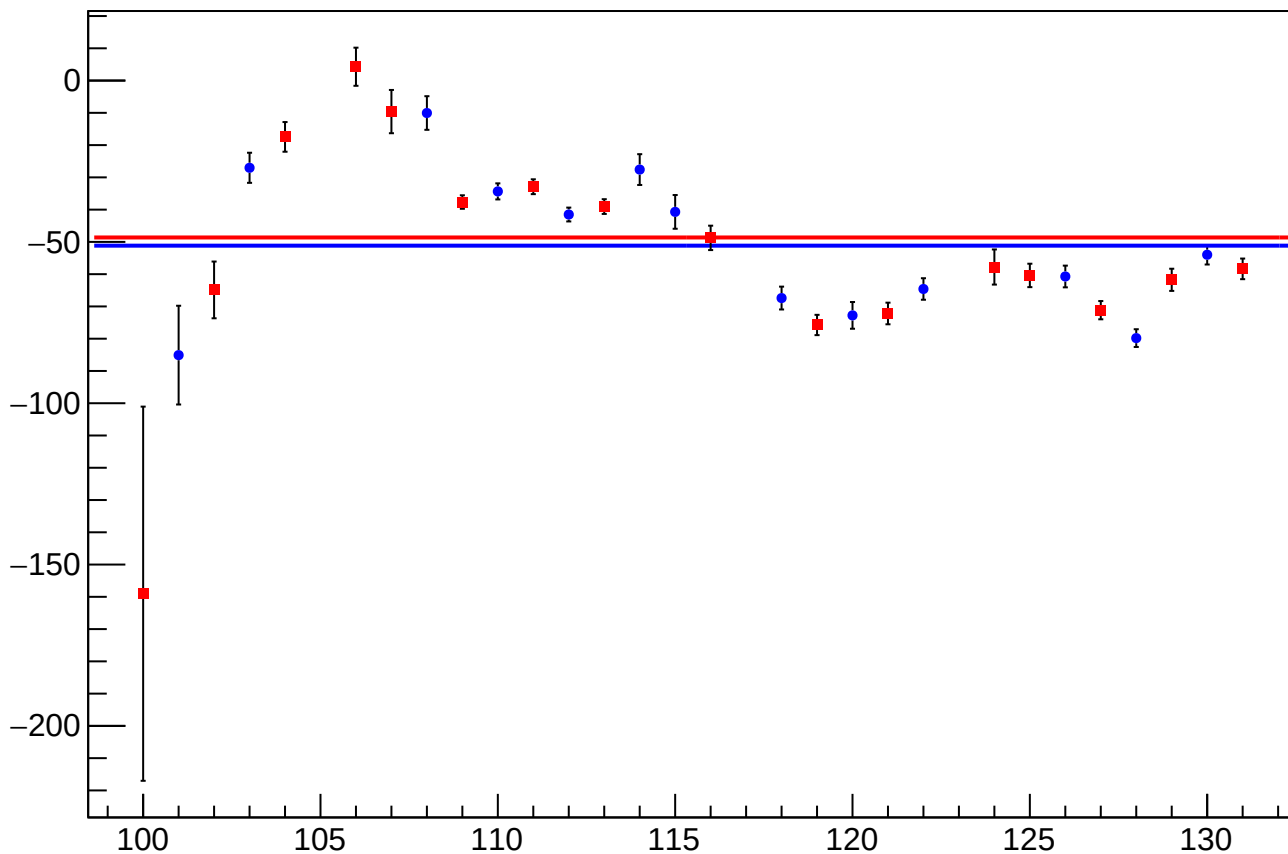
Right: -205.265 $\pm$ 0.108 χ^2 /NDF: 84315.2/28

In: -208.441 $\pm$ 0.160 χ^2 /NDF: 57594.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -205.265 $\pm$ 0.108 χ^2 /NDF: 84315.2/28

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -51.166 $\pm$ 0.952 χ^2 /NDF: 370.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.627 $\pm$ 0.846 χ^2 /NDF: 483.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

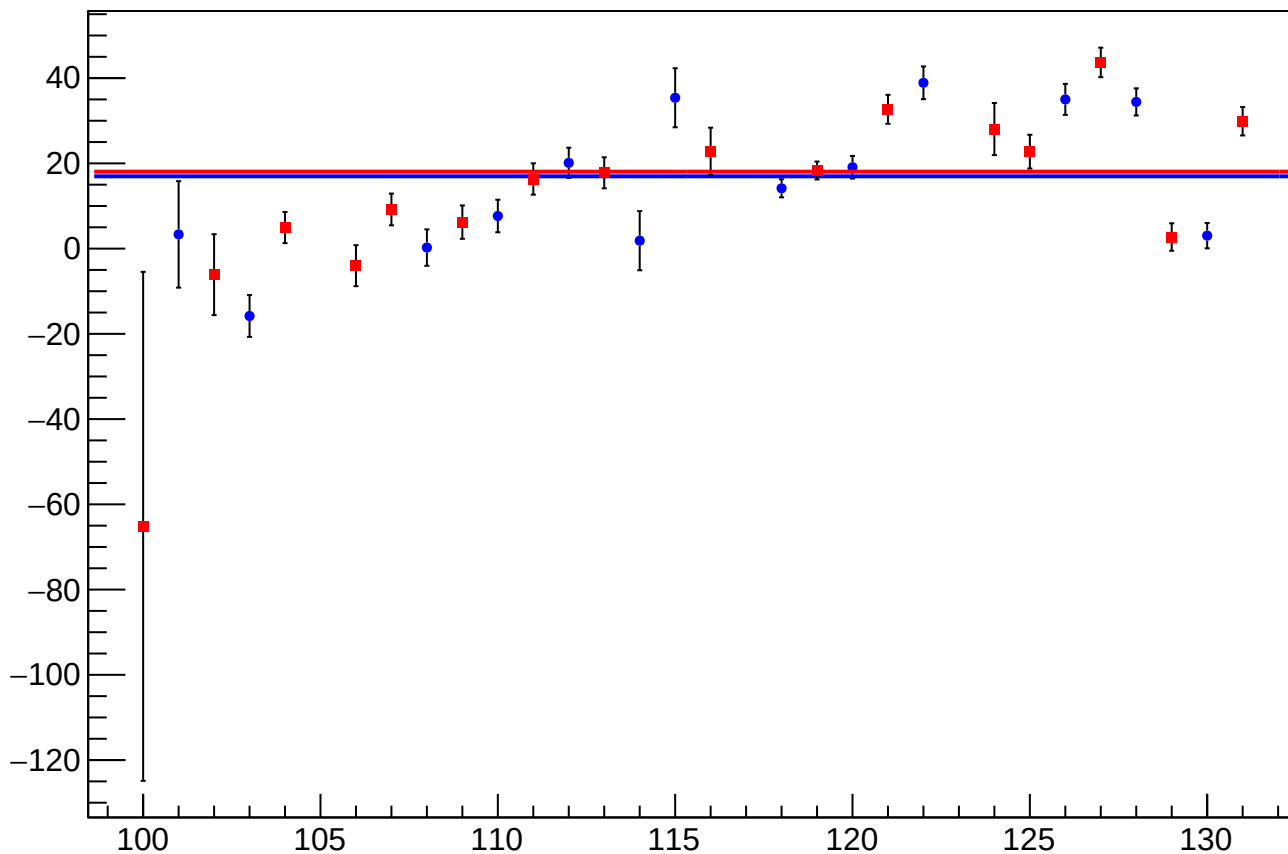
Right: -49.747 $\pm$ 0.632 χ^2 /NDF: 857.4/28

In: -51.166 $\pm$ 0.952 χ^2 /NDF: 370.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.747 $\pm$ 0.632 χ^2 /NDF: 857.4/28

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.960+/-0.994 χ^2/NDF : 191.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.050+/-0.944 χ^2/NDF : 170.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

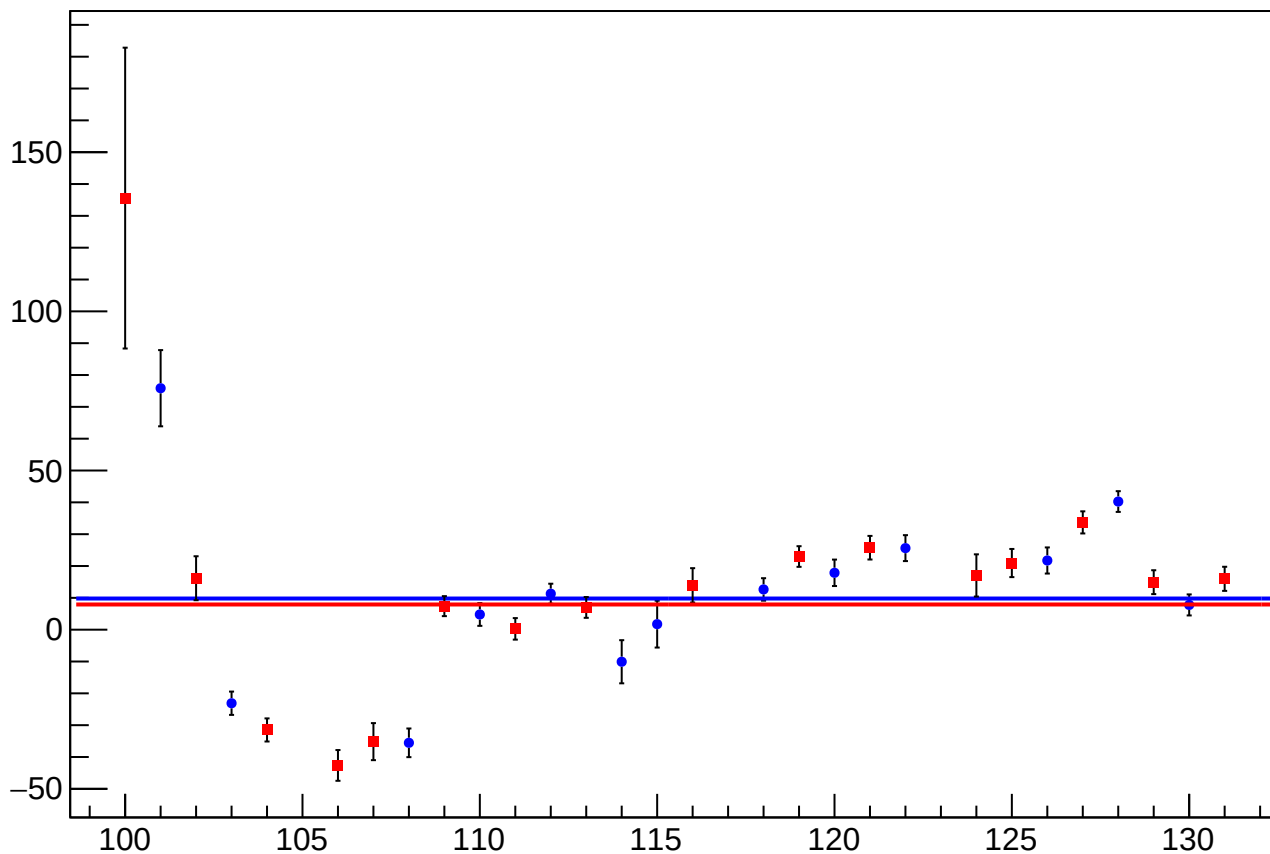
Right: 17.533+/-0.684 χ^2/NDF : 362.6/28

In: 16.960+/-0.994 χ^2/NDF : 191.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.533+/-0.684 χ^2/NDF : 362.6/28

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.786+/-1.122 χ^2/NDF : 340.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.914+/-1.025 χ^2/NDF : 416.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

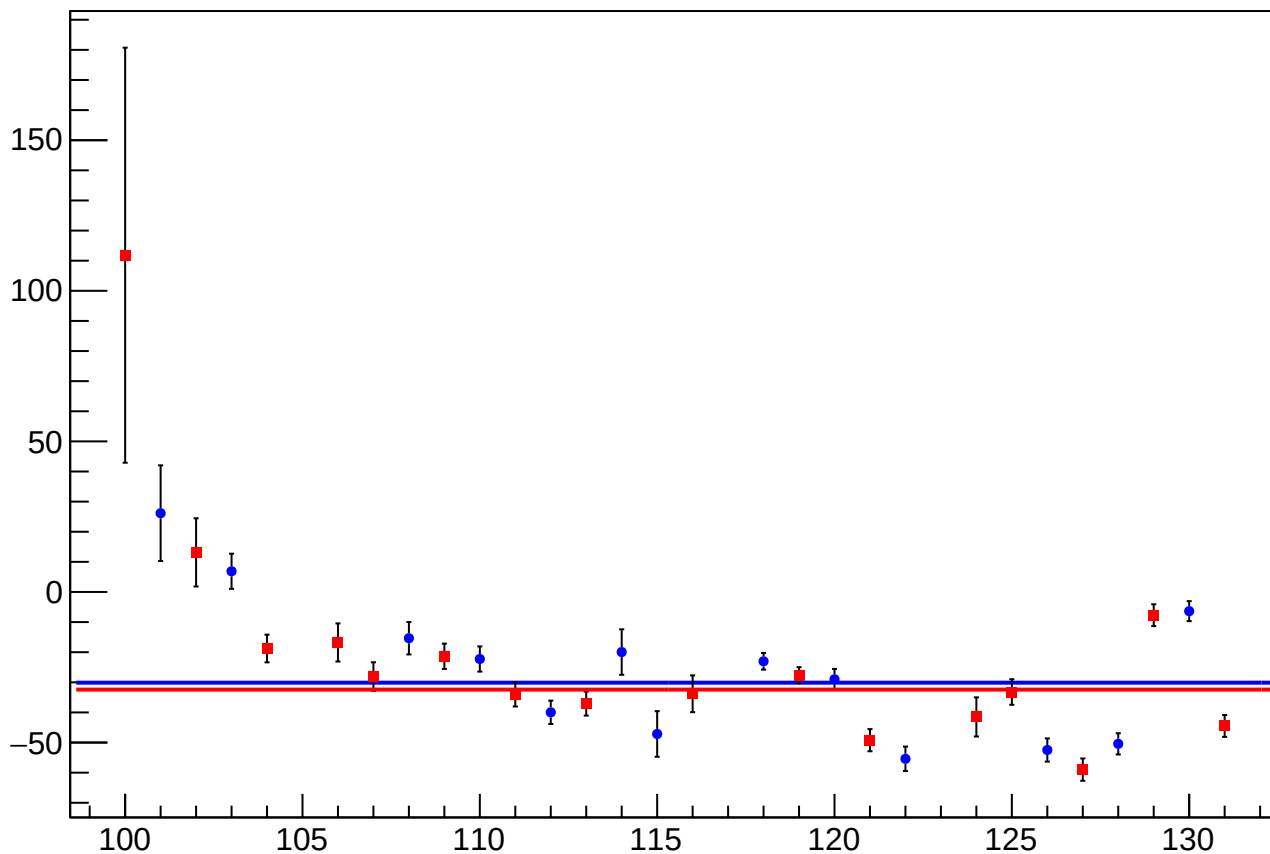
Right: 8.766+/-0.757 χ^2/NDF : 758.0/28

In: 9.786+/-1.122 χ^2/NDF : 340.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.766+/-0.757 χ^2/NDF : 758.0/28

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.118+/-1.162 χ^2/NDF : 240.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.414+/-1.085 χ^2/NDF : 179.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

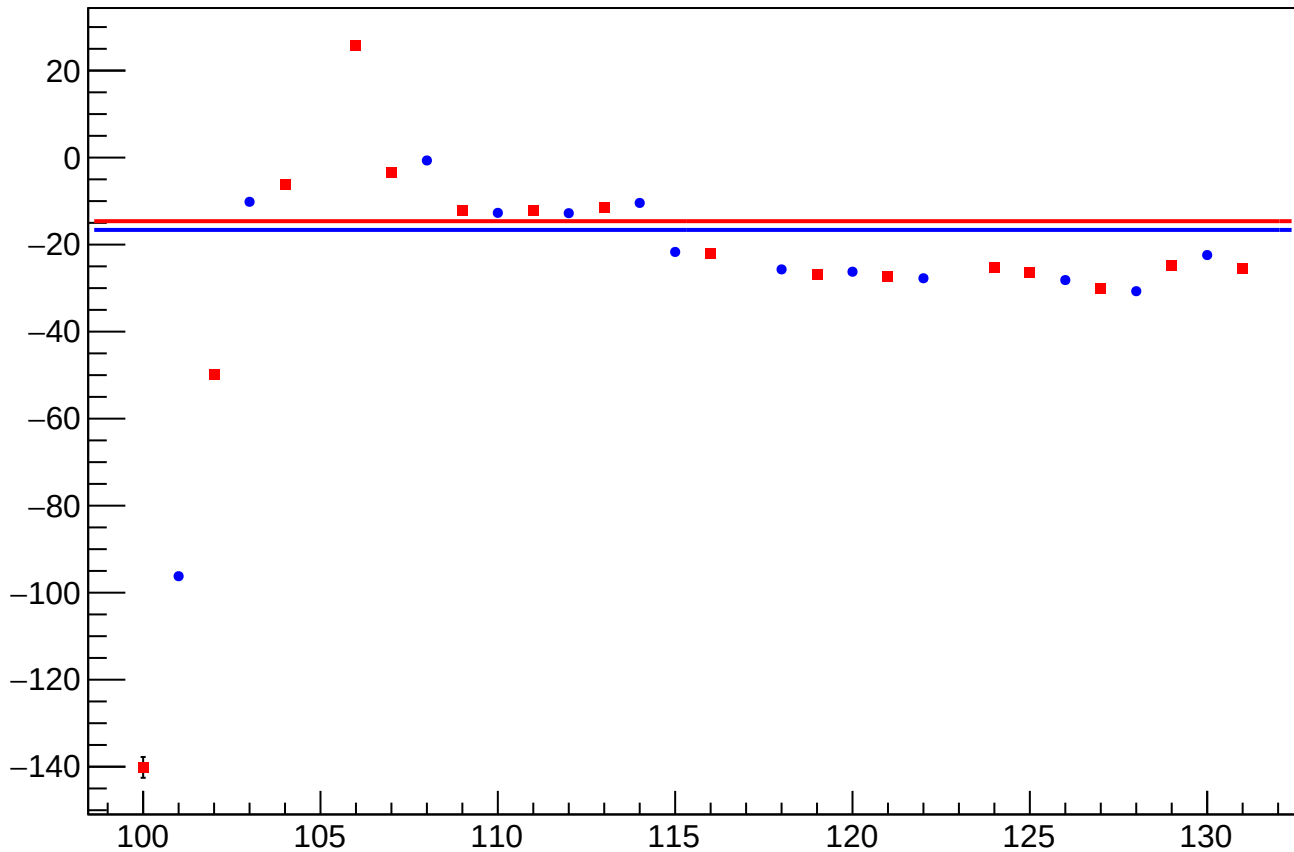
Right: -31.345+/-0.793 χ^2/NDF : 422.3/28

In: -30.118+/-1.162 χ^2/NDF : 240.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.345+/-0.793 χ^2/NDF : 422.3/28

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.623+/-0.075 χ^2/NDF : 30363.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.614+/-0.069 χ^2/NDF : 63233.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

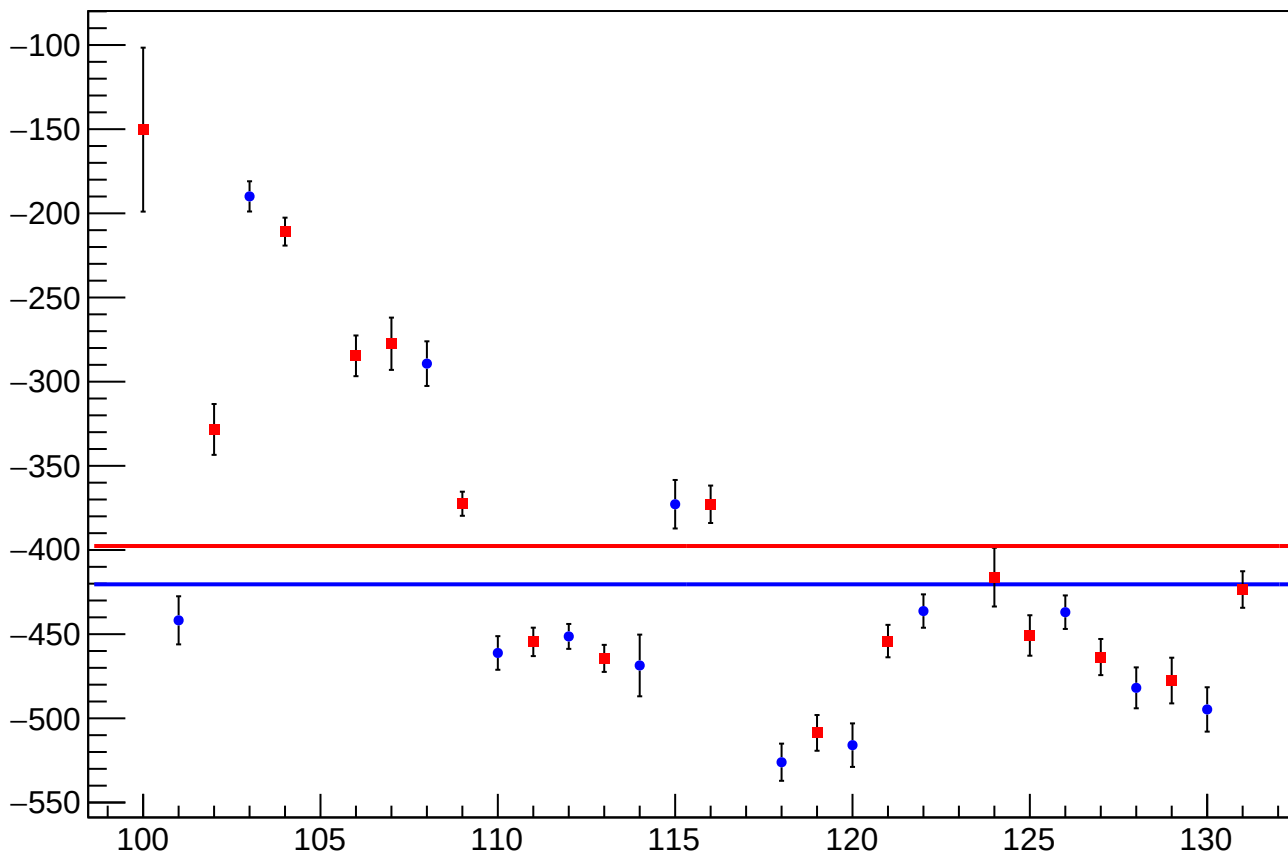
Right: -15.541+/-0.051 χ^2/NDF : 93987.9/28

In: -16.623+/-0.075 χ^2/NDF : 30363.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.541+/-0.051 χ^2/NDF : 93987.9/28

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -420.391+/-3.071 χ^2 /NDF: 1020.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -397.628+/-2.673 χ^2 /NDF: 1075.3/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

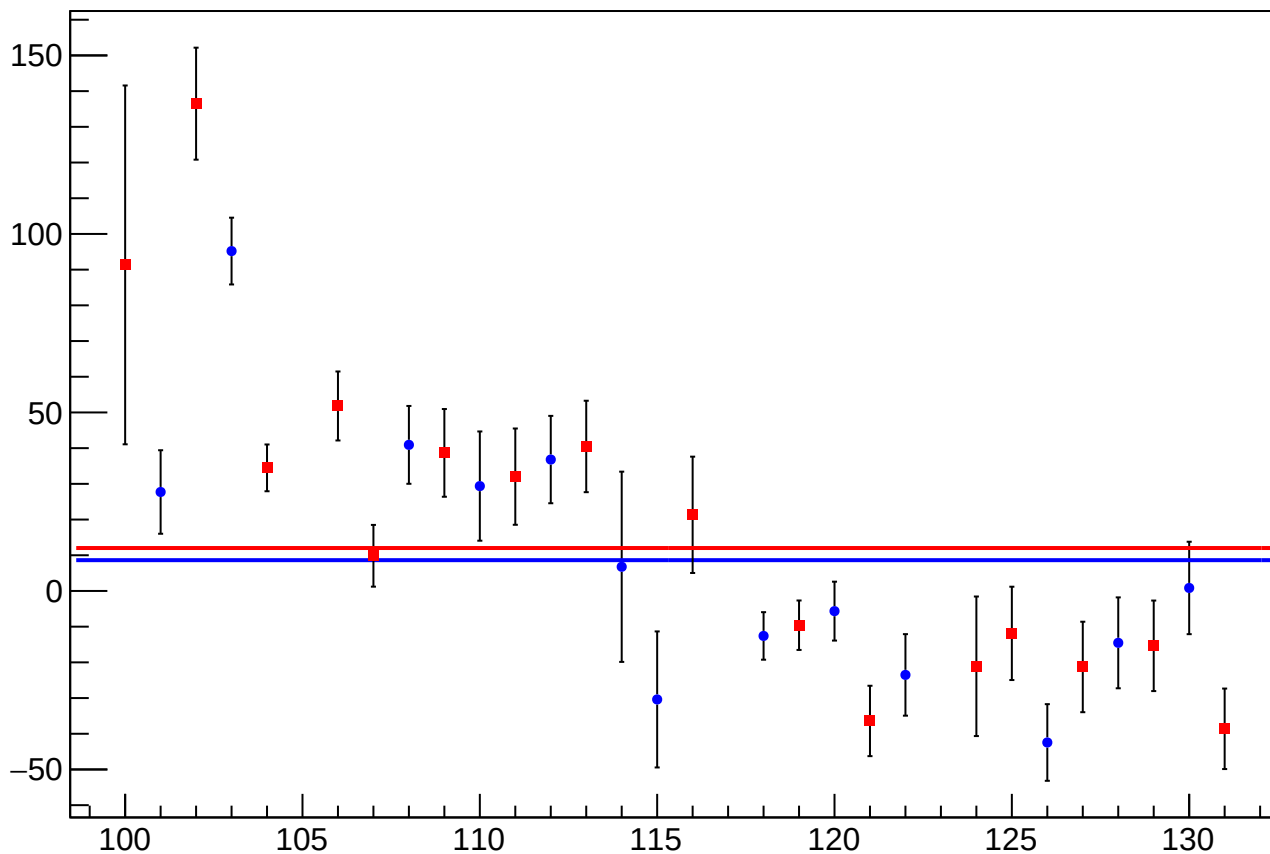
Right: -407.443+/-2.016 χ^2 /NDF: 2126.5/28

In: -420.391+/-3.071 χ^2 /NDF:1020.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -407.443+/-2.016 χ^2 /NDF: 2126.5/28

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.625+/-3.042 χ^2/NDF : 155.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.026+/-2.734 χ^2/NDF : 178.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

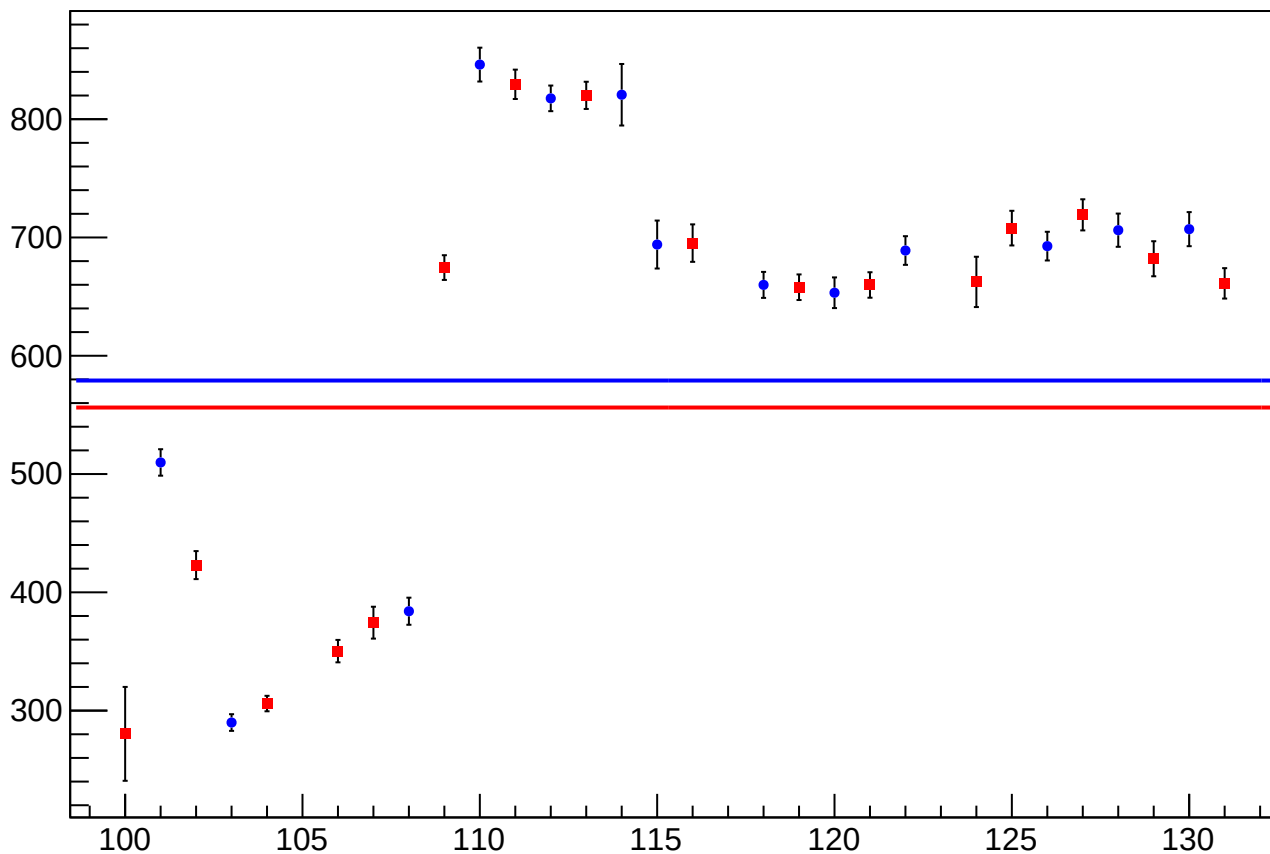
Right: 10.506+/-2.034 χ^2/NDF : 334.8/28

In: 8.625+/-3.042 χ^2/NDF : 155.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.506+/-2.034 χ^2/NDF : 334.8/28

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 579.058+/-3.319 χ^2/NDF : 3381.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 556.231+/-2.944 χ^2/NDF : 4113.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

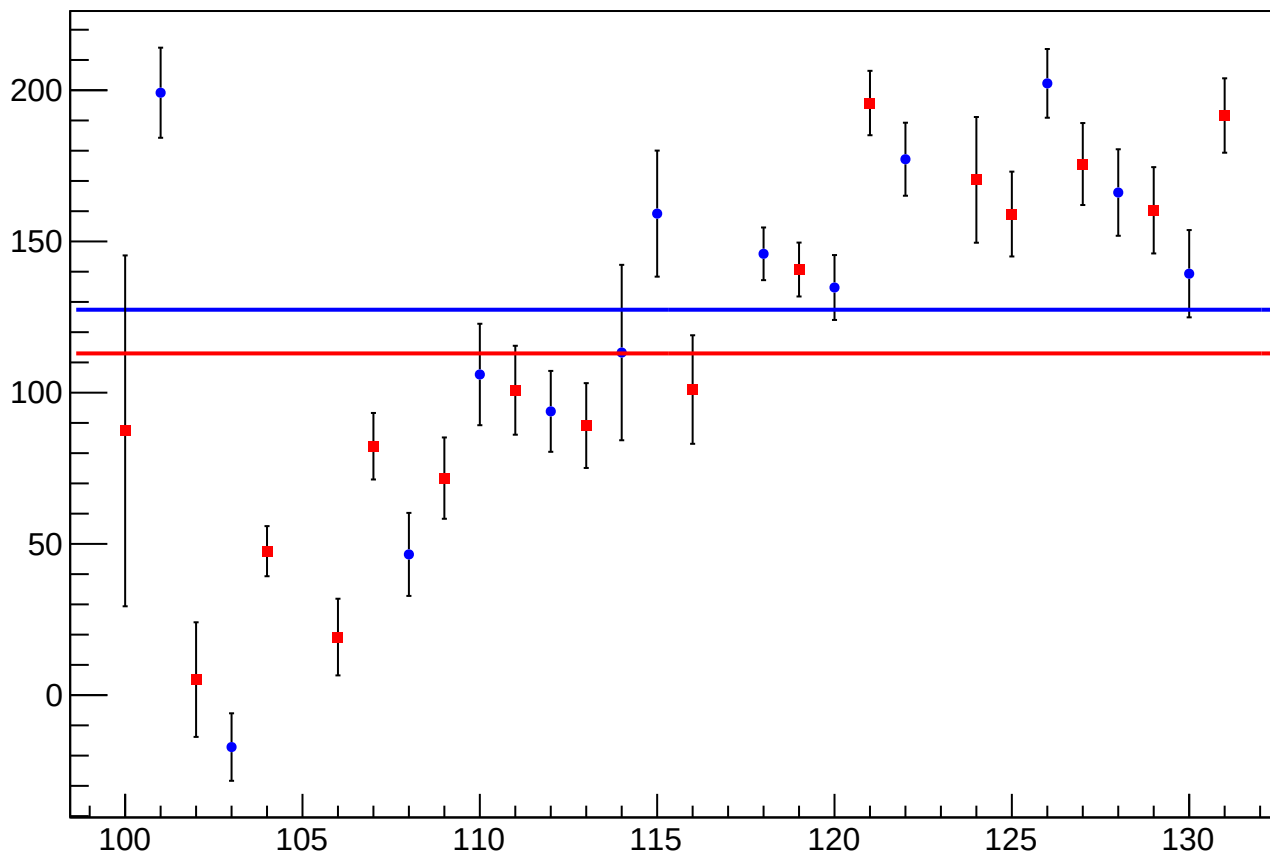
Right: 566.283+/-2.202 χ^2/NDF : 7521.9/28

In: 579.058+/-3.319 χ^2/NDF :3381.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 566.283+/-2.202 χ^2/NDF : 7521.9/28

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 127.424+/-3.612 χ^2/NDF : 309.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.978+/-3.223 χ^2/NDF : 332.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

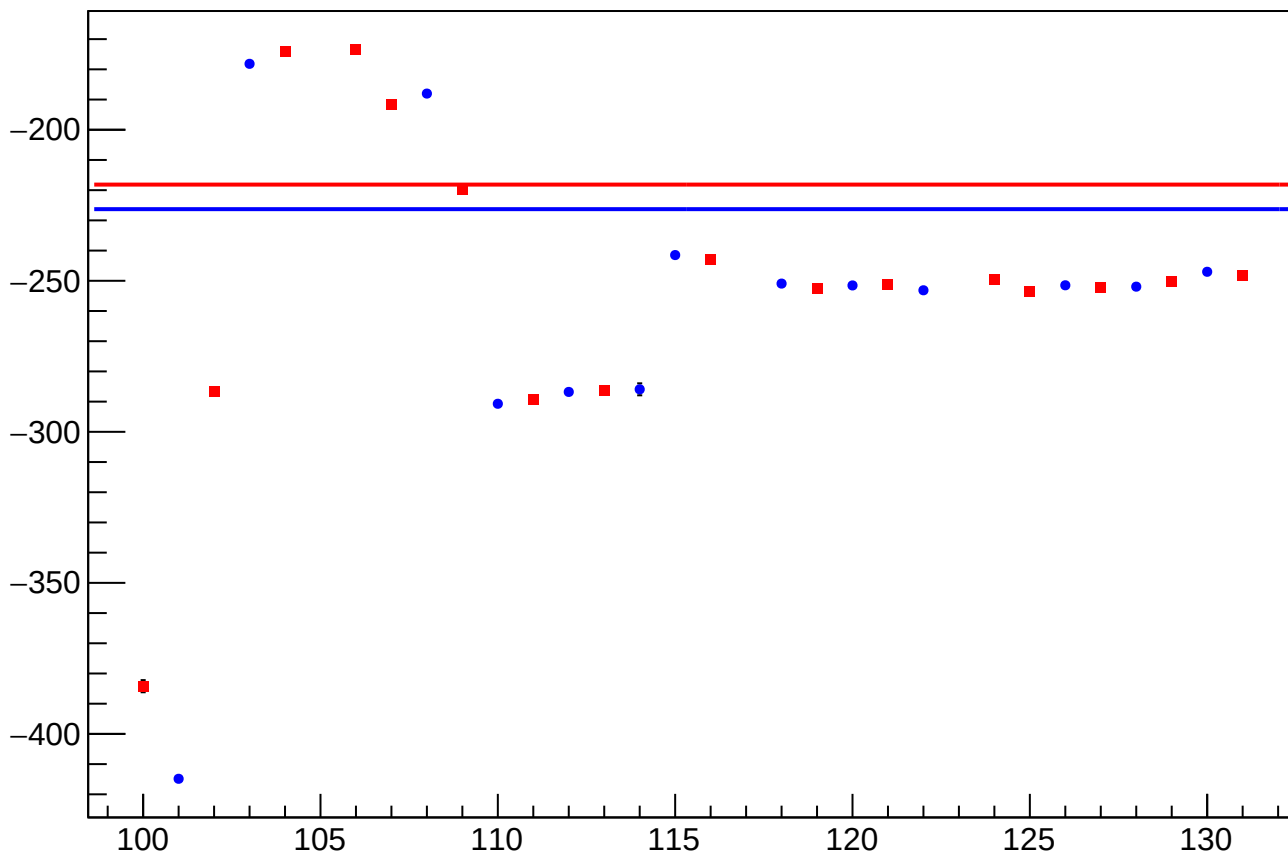
Right: 119.381+/-2.405 χ^2/NDF : 651.3/28

In: 127.424+/-3.612 χ^2/NDF : 309.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.381+/-2.405 χ^2/NDF : 651.3/28

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -226.284 $\pm$ 0.192 χ^2 /NDF: 125913.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -218.154 $\pm$ 0.176 χ^2 /NDF: 72552.0/15

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

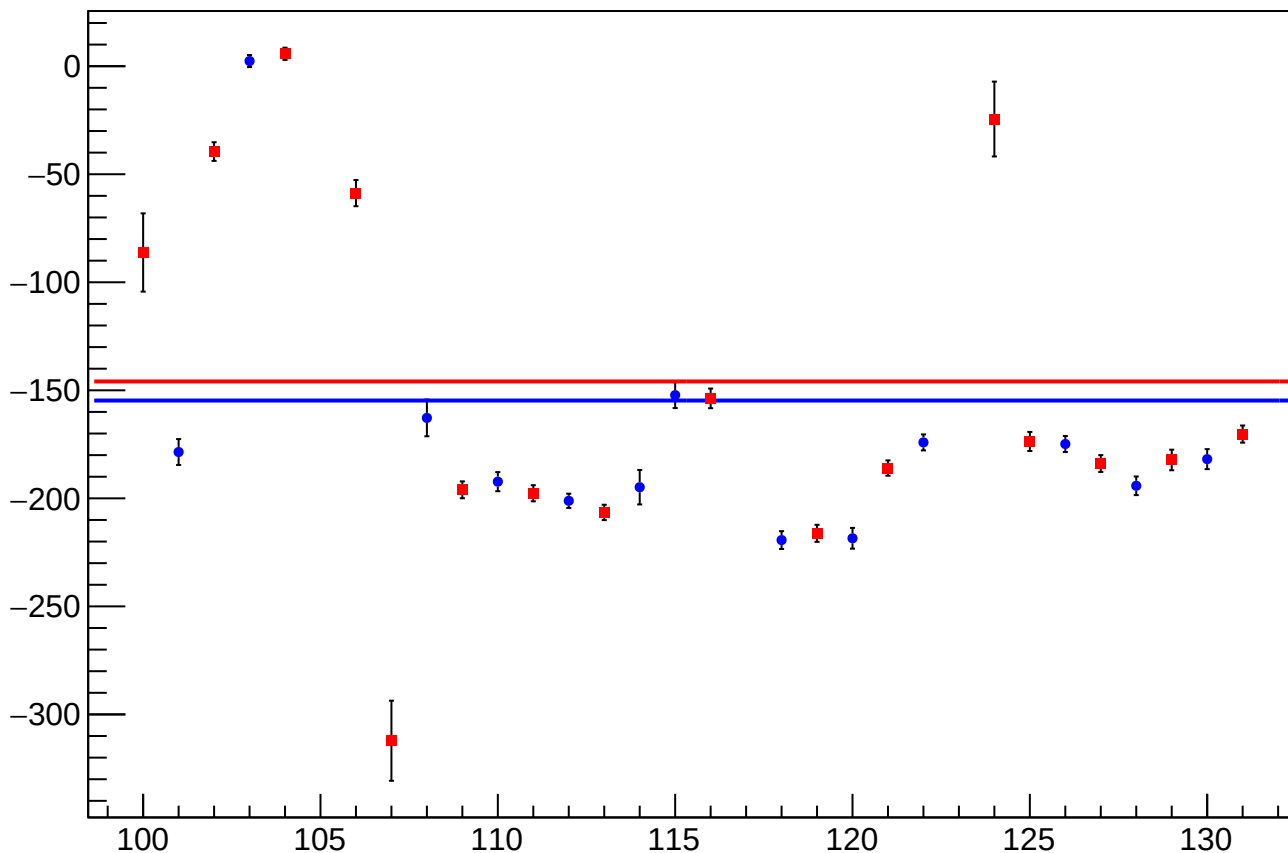
Right: -221.857 $\pm$ 0.130 χ^2 /NDF: 199441.4/28

In: -226.284 $\pm$ 0.192 χ^2 /NDF:125913.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -221.857 $\pm$ 0.130 χ^2 /NDF: 199441.4/28

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -154.737+/-1.190 χ^2/NDF : 4103.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -145.898+/-1.086 χ^2/NDF : 5133.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

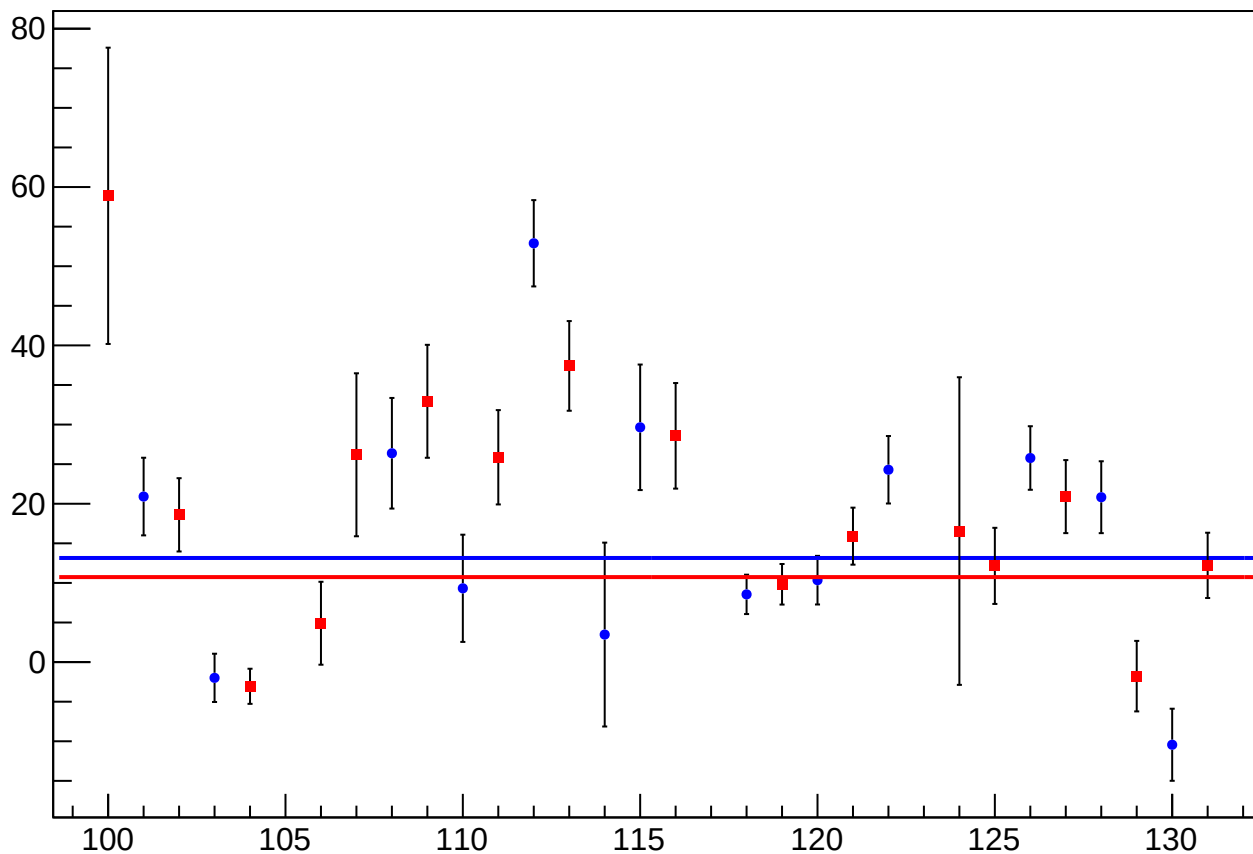
Right: -149.913+/-0.802 χ^2/NDF : 9267.2/28

In: -154.737+/-1.190 χ^2/NDF :4103.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -149.913+/-0.802 χ^2/NDF : 9267.2/28

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.151+/-1.170 χ^2/NDF : 140.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.736+/-1.096 χ^2/NDF : 112.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

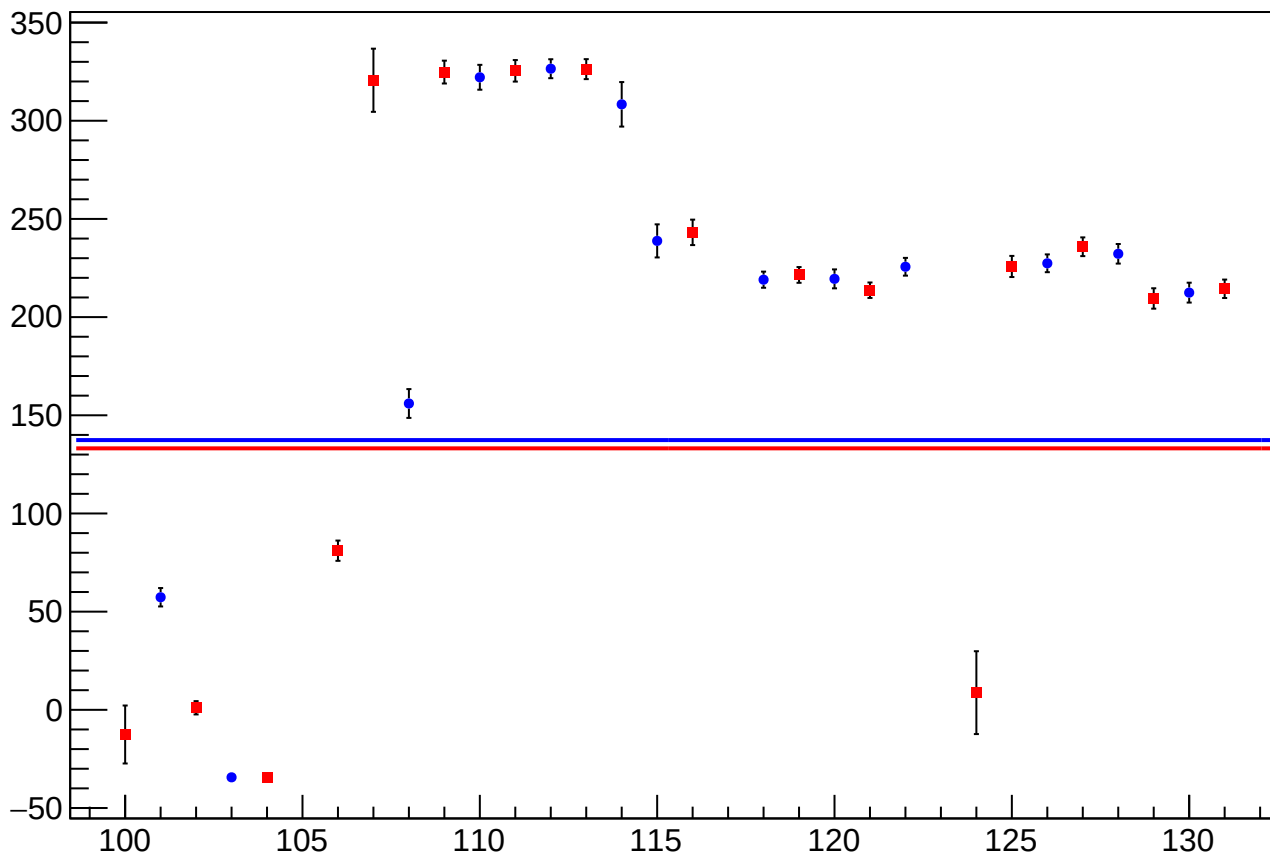
Right: 11.865+/-0.800 χ^2/NDF : 254.7/28

In: 13.151+/-1.170 χ^2/NDF : 140.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.865+/-0.800 χ^2/NDF : 254.7/28

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 137.373+/-1.248 χ^2/NDF : 11285.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.157+/-1.156 χ^2/NDF : 13712.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

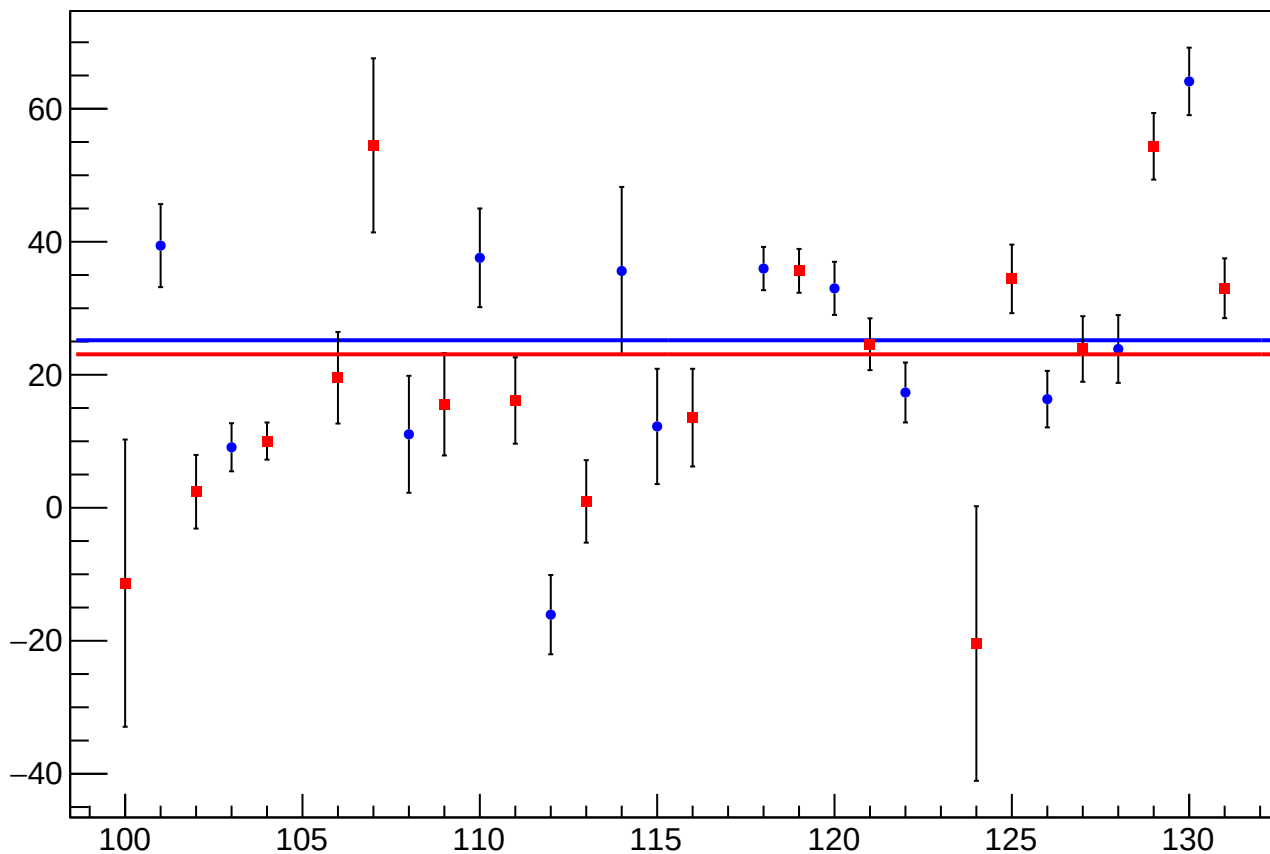
Right: 135.105+/-0.848 χ^2/NDF : 25004.2/28

In: 137.373+/-1.248 χ^2/NDF : 11285.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.105+/-0.848 χ^2/NDF : 25004.2/28

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.189+/-1.386 χ^2/NDF : 162.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.077+/-1.288 χ^2/NDF : 128.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

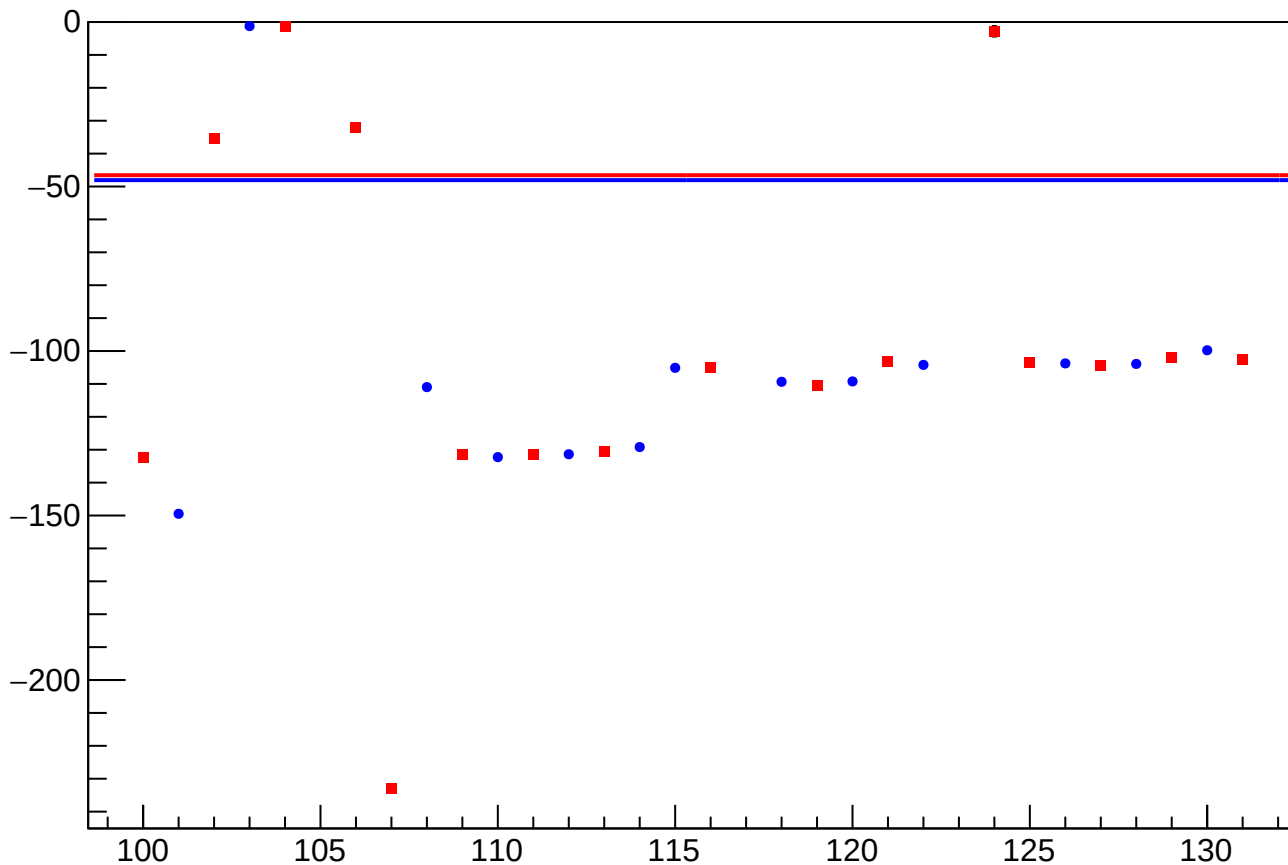
Right: 24.055+/-0.943 χ^2/NDF : 292.3/28

In: 25.189+/-1.386 χ^2/NDF : 162.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.055+/-0.943 χ^2/NDF : 292.3/28

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -48.062+/-0.070 χ^2/NDF : 680734.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.565+/-0.066 χ^2/NDF : 580742.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

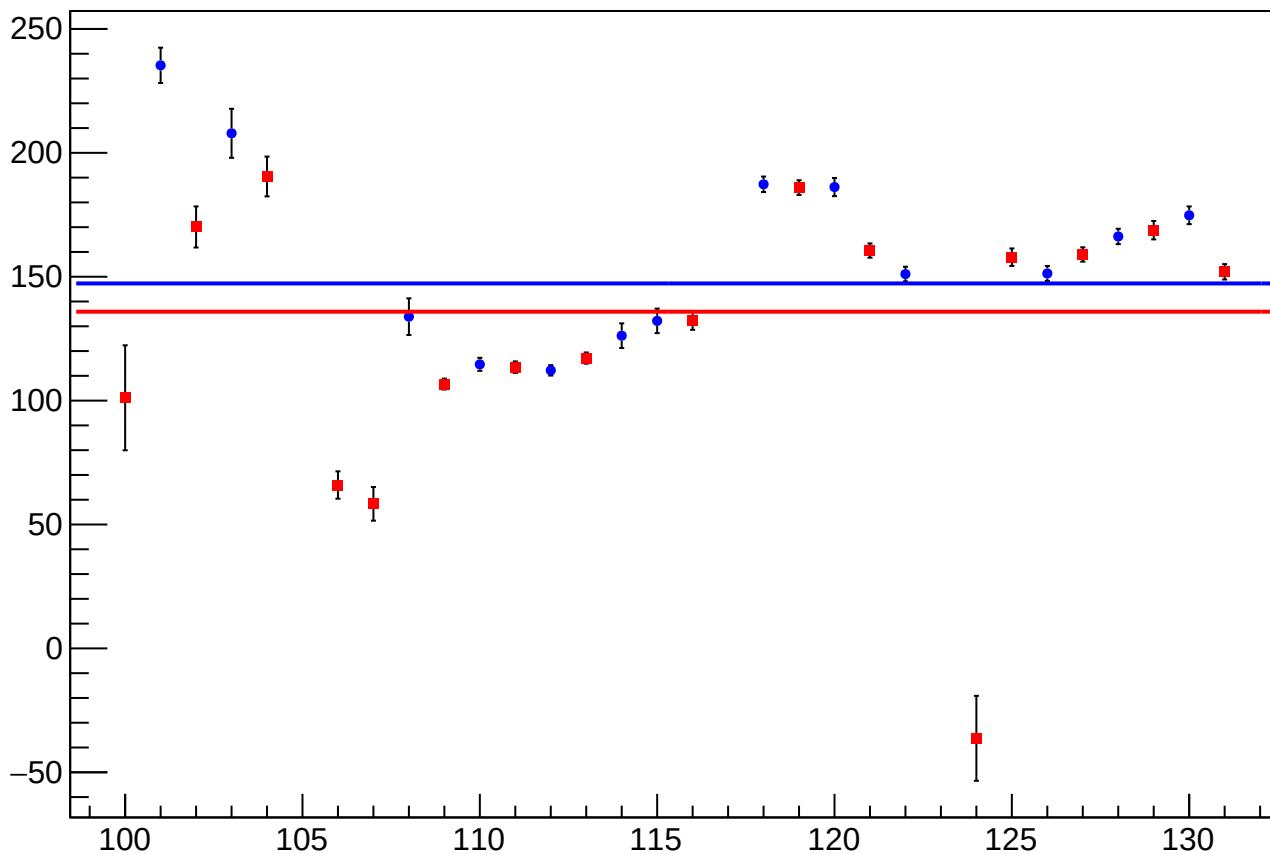
Right: -47.266+/-0.048 χ^2/NDF : 1261721.7/28

In: -48.062+/-0.070 χ^2/NDF : 680734.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.266+/-0.048 χ^2/NDF : 1261721.7/28

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 147.295 $\pm$ 0.961 χ^2 /NDF: 1027.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.887 $\pm$ 0.858 χ^2 /NDF: 1362.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

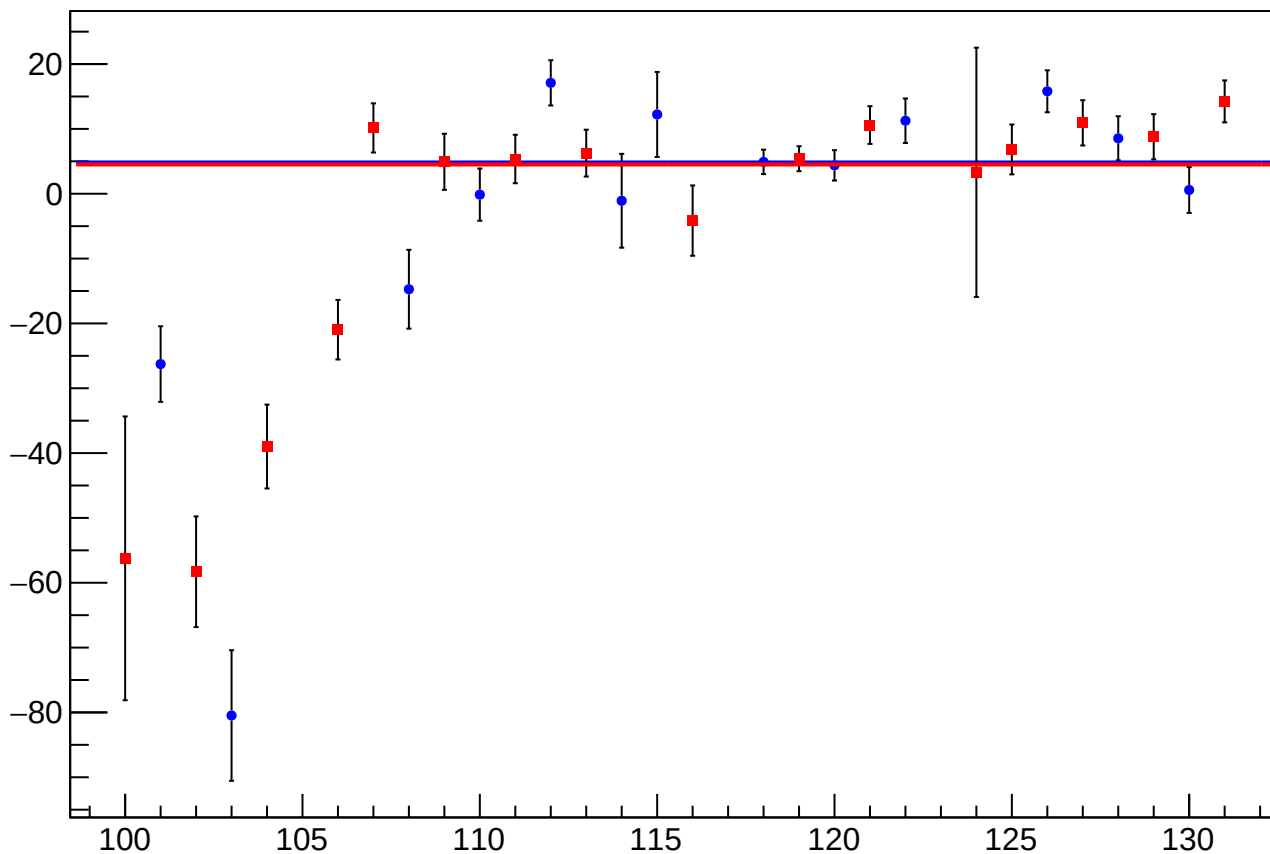
Right: 140.946 $\pm$ 0.640 χ^2 /NDF: 2468.0/28

In: 147.295 $\pm$ 0.961 χ^2 /NDF:1027.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.946 $\pm$ 0.640 χ^2 /NDF: 2468.0/28

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.825+/-0.970 χ^2/NDF : 144.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.511+/-0.949 χ^2/NDF : 161.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

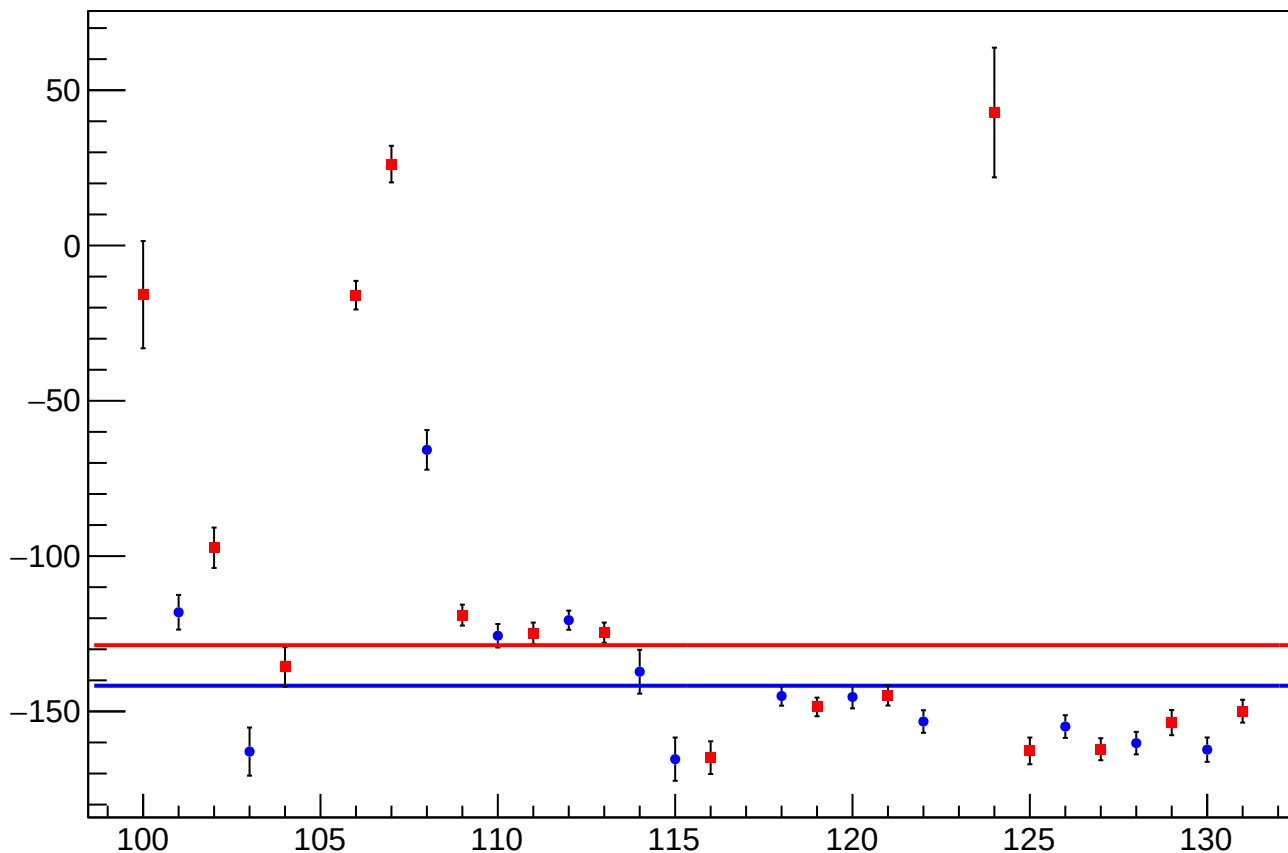
Right: 4.665+/-0.678 χ^2/NDF : 306.0/28

In: 4.825+/-0.970 χ^2/NDF : 144.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.665+/-0.678 χ^2/NDF : 306.0/28

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -141.735+/-1.148 χ^2/NDF : 322.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.690+/-1.048 χ^2/NDF : 1776.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

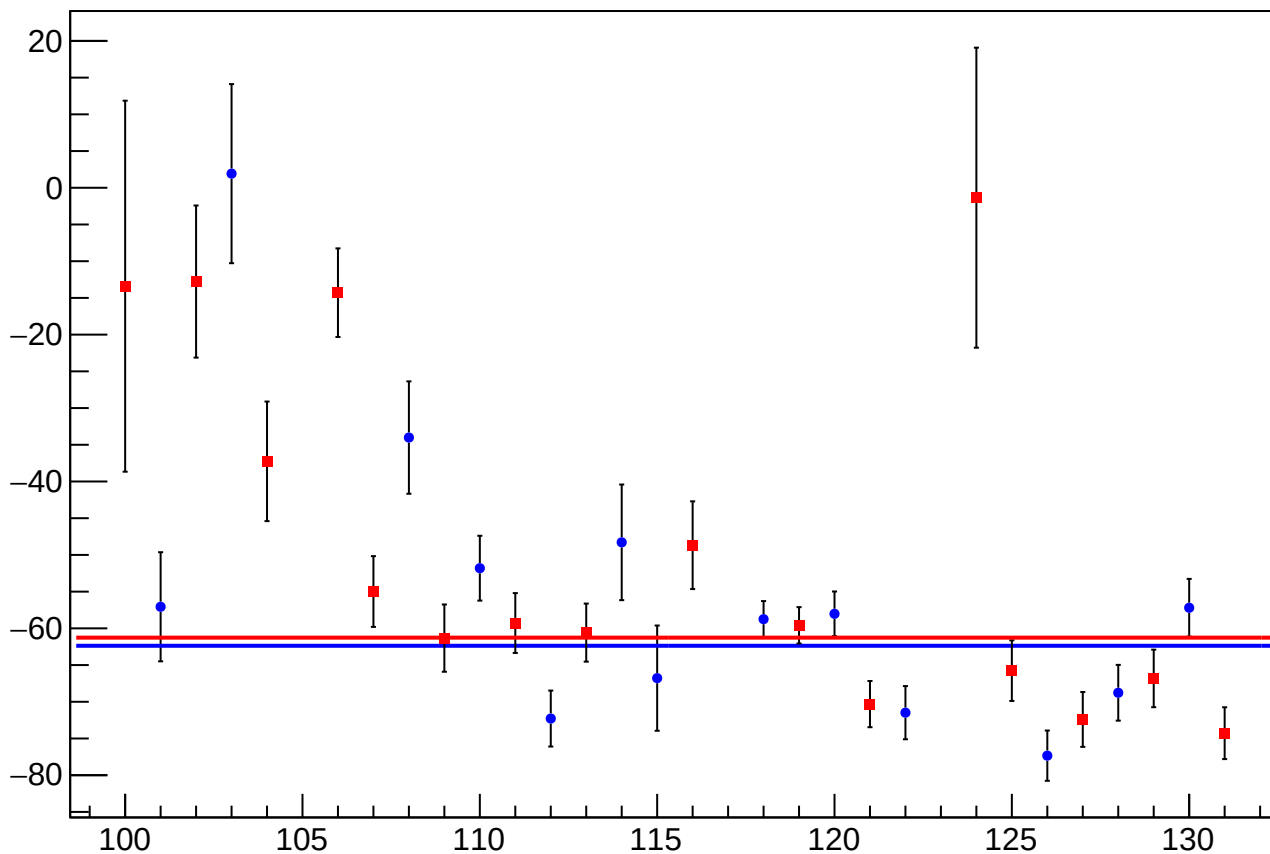
Right: -134.615+/-0.774 χ^2/NDF : 2169.4/28

In: -141.735+/-1.148 χ^2/NDF : 322.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.615+/-0.774 χ^2/NDF : 2169.4/28

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.374+/-1.143 χ^2/NDF : 92.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -61.266+/-1.092 χ^2/NDF : 144.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

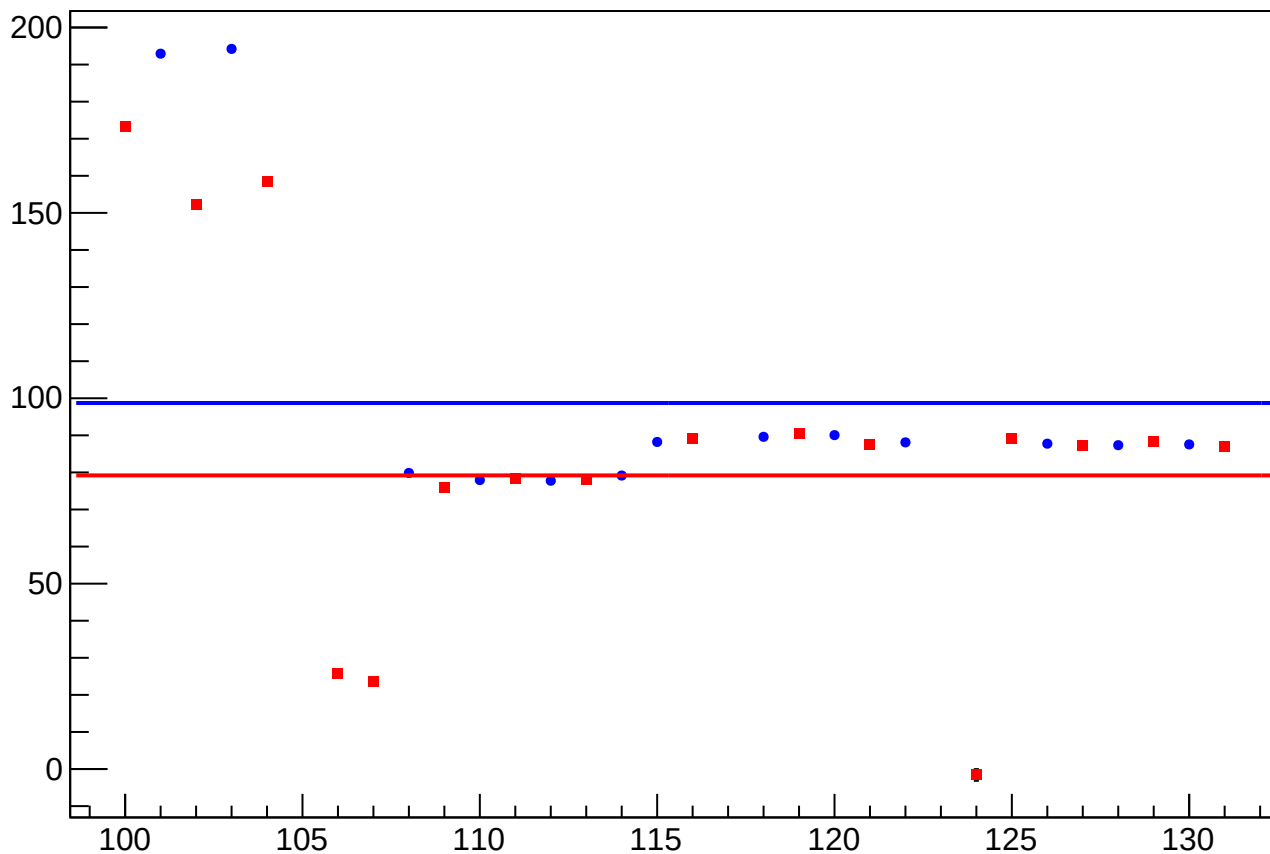
Right: -61.794+/-0.789 χ^2/NDF : 237.1/28

In: -62.374+/-1.143 χ^2/NDF :92.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.794+/-0.789 χ^2/NDF : 237.1/28

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.725+/-0.084 χ^2/NDF : 189810.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 79.198+/-0.072 χ^2/NDF : 286660.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

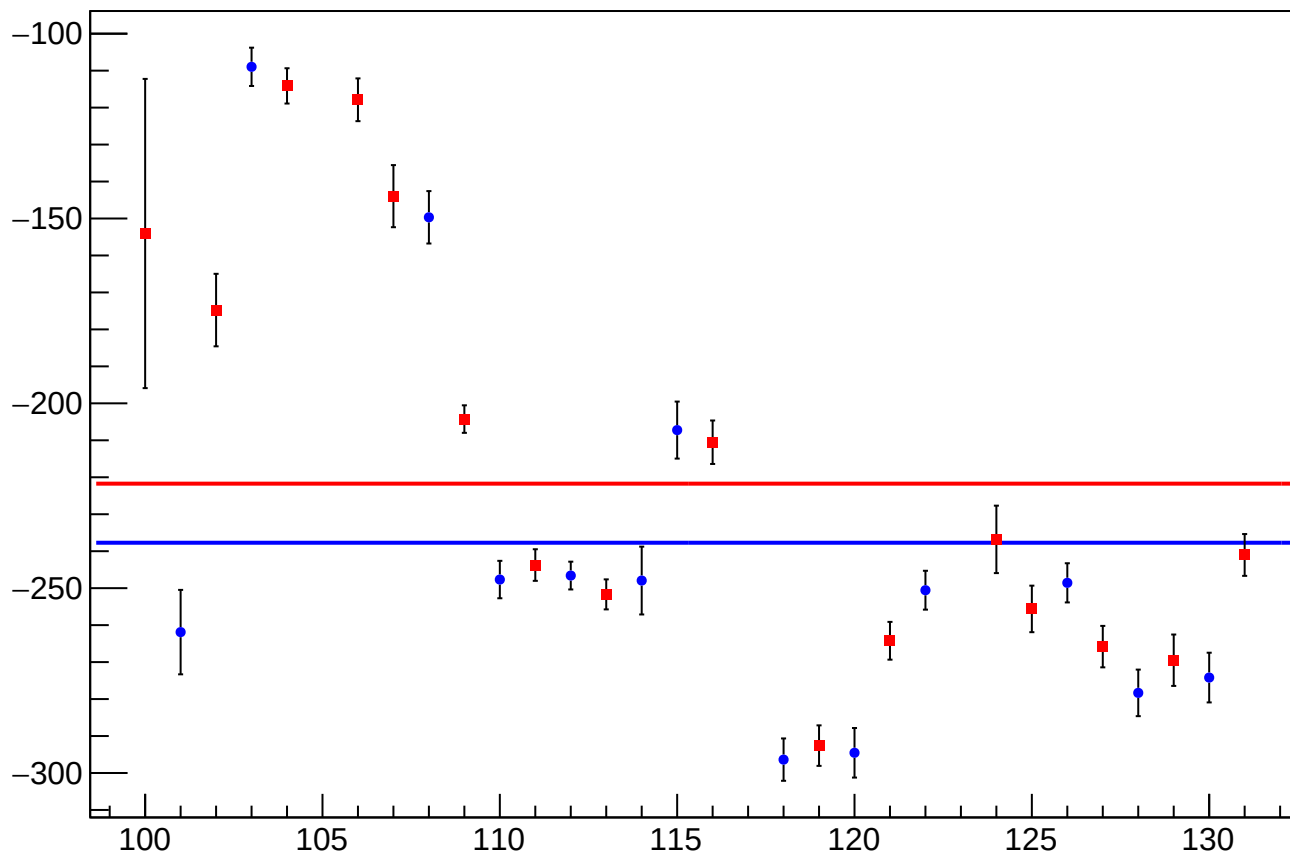
Right: 87.435+/-0.054 χ^2/NDF : 507815.3/28

In: 98.725+/-0.084 χ^2/NDF :189810.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.435+/-0.054 χ^2/NDF : 507815.3/28

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -237.711+/-1.633 χ^2 /NDF: 1060.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -221.728+/-1.403 χ^2 /NDF: 1437.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

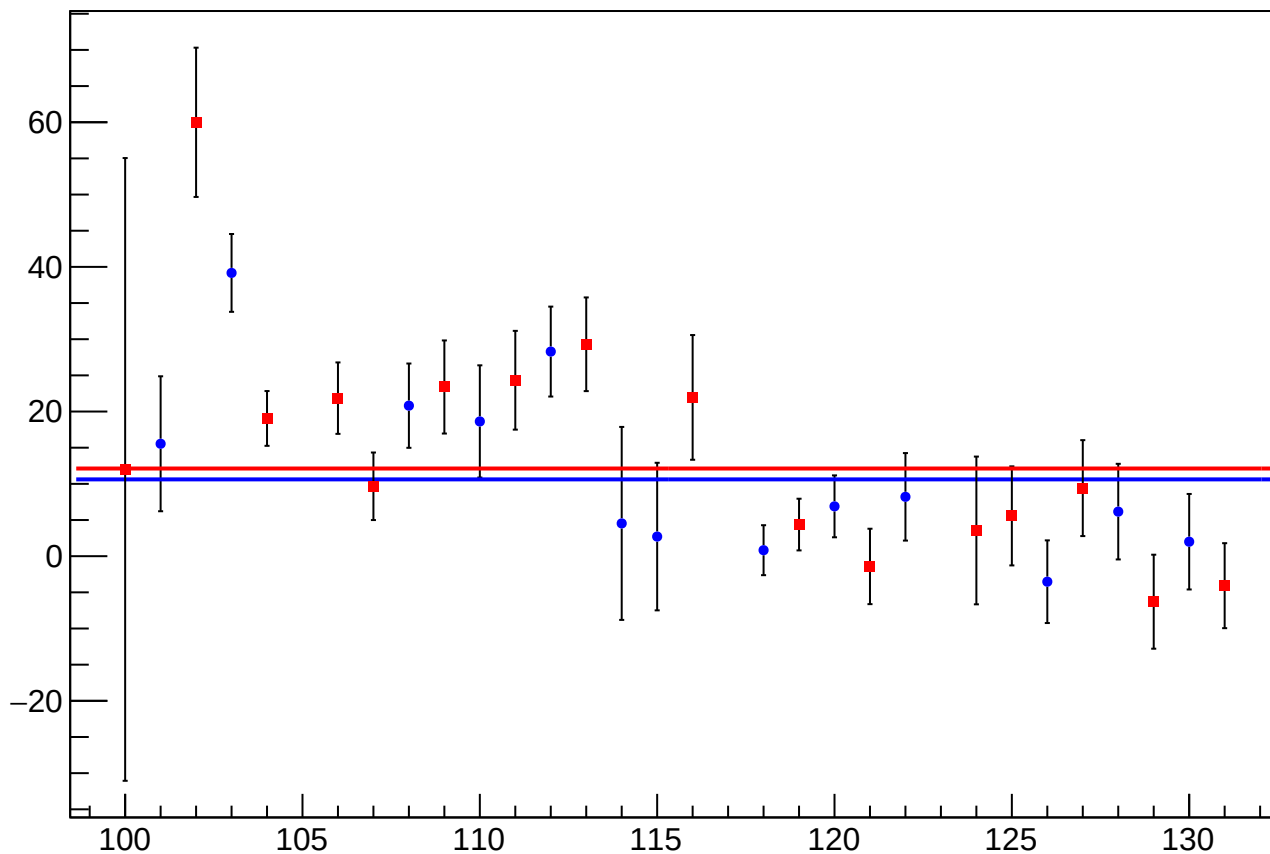
Right: -228.518+/-1.064 χ^2 /NDF: 2552.7/28

In: -237.711+/-1.633 χ^2 /NDF:1060.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -228.518+/-1.064 χ^2 /NDF: 2552.7/28

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.619+/-1.632 χ^2 /NDF: 58.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.121+/-1.457 χ^2 /NDF: 72.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

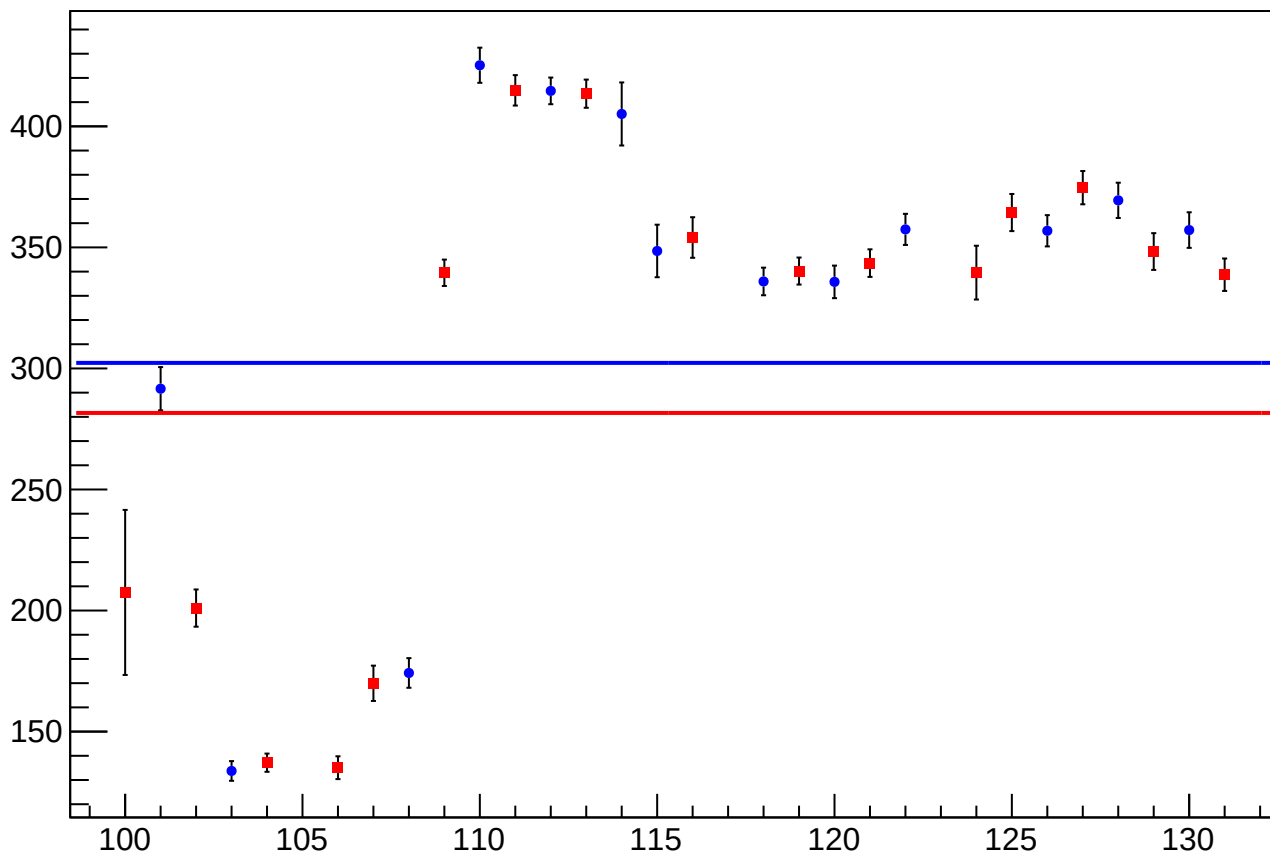
Right: 11.455+/-1.087 χ^2 /NDF: 131.6/28

In: 10.619+/-1.632 χ^2 /NDF:58.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 11.455+/-1.087 χ^2 /NDF: 131.6/28

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 302.296+/-1.812 χ^2/NDF : 3287.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.617+/-1.574 χ^2/NDF : 4646.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

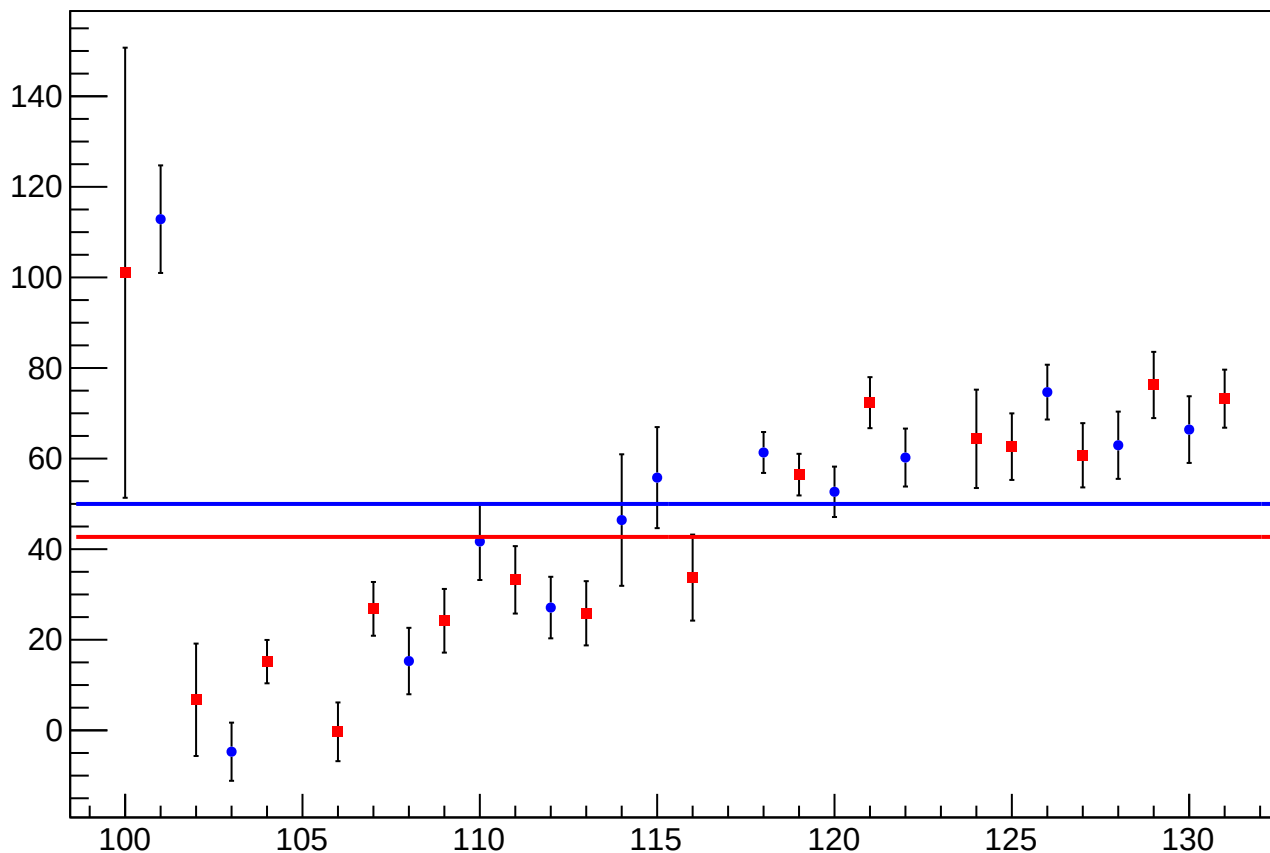
Right: 290.507+/-1.188 χ^2/NDF : 8007.4/28

In: 302.296+/-1.812 χ^2/NDF : 3287.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.507+/-1.188 χ^2/NDF : 8007.4/28

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.987+/-1.932 χ^2/NDF : 169.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.705+/-1.713 χ^2/NDF : 207.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

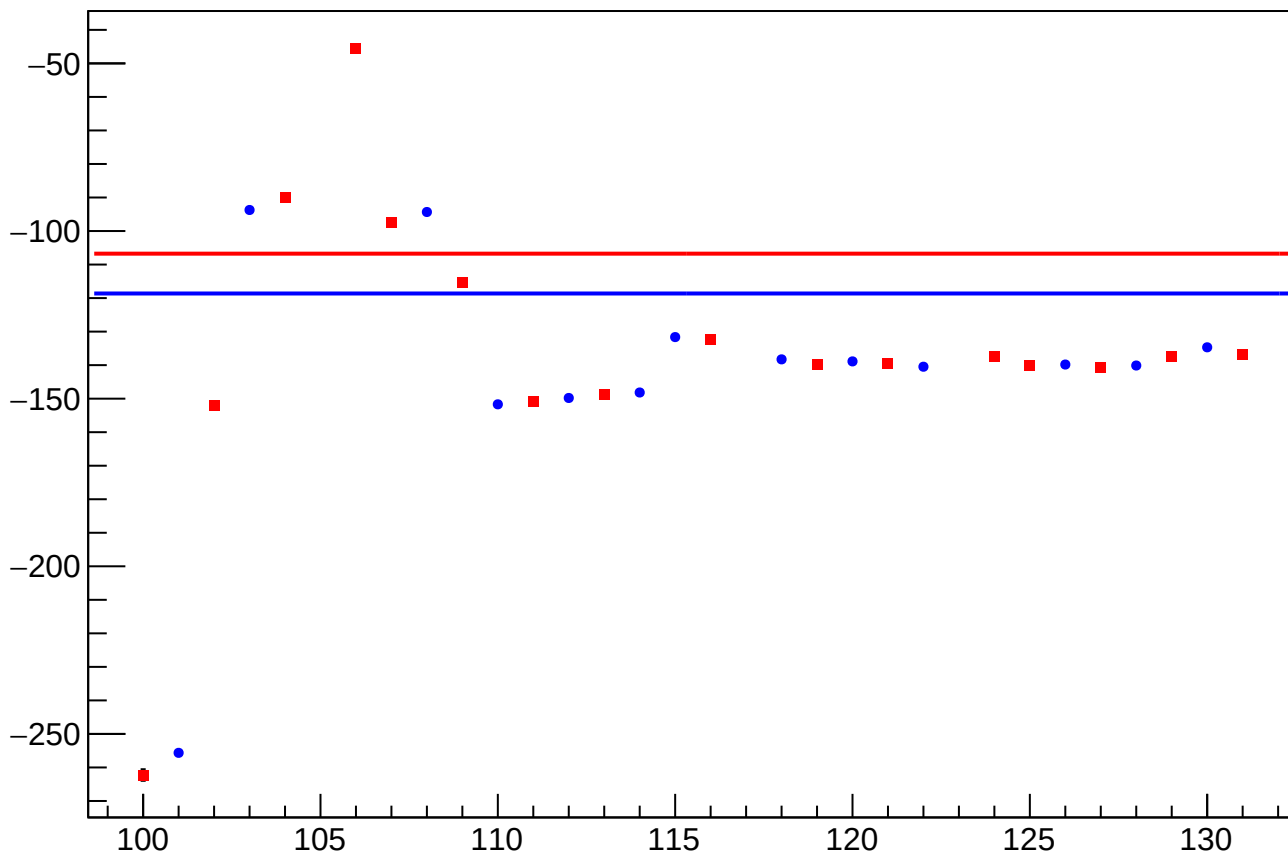
Right: 45.909+/-1.282 χ^2/NDF : 384.7/28

In: 49.987+/-1.932 χ^2/NDF : 169.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.909+/-1.282 χ^2/NDF : 384.7/28

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -118.631+/-0.107 χ^2/NDF : 115906.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.750+/-0.095 χ^2/NDF : 148280.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

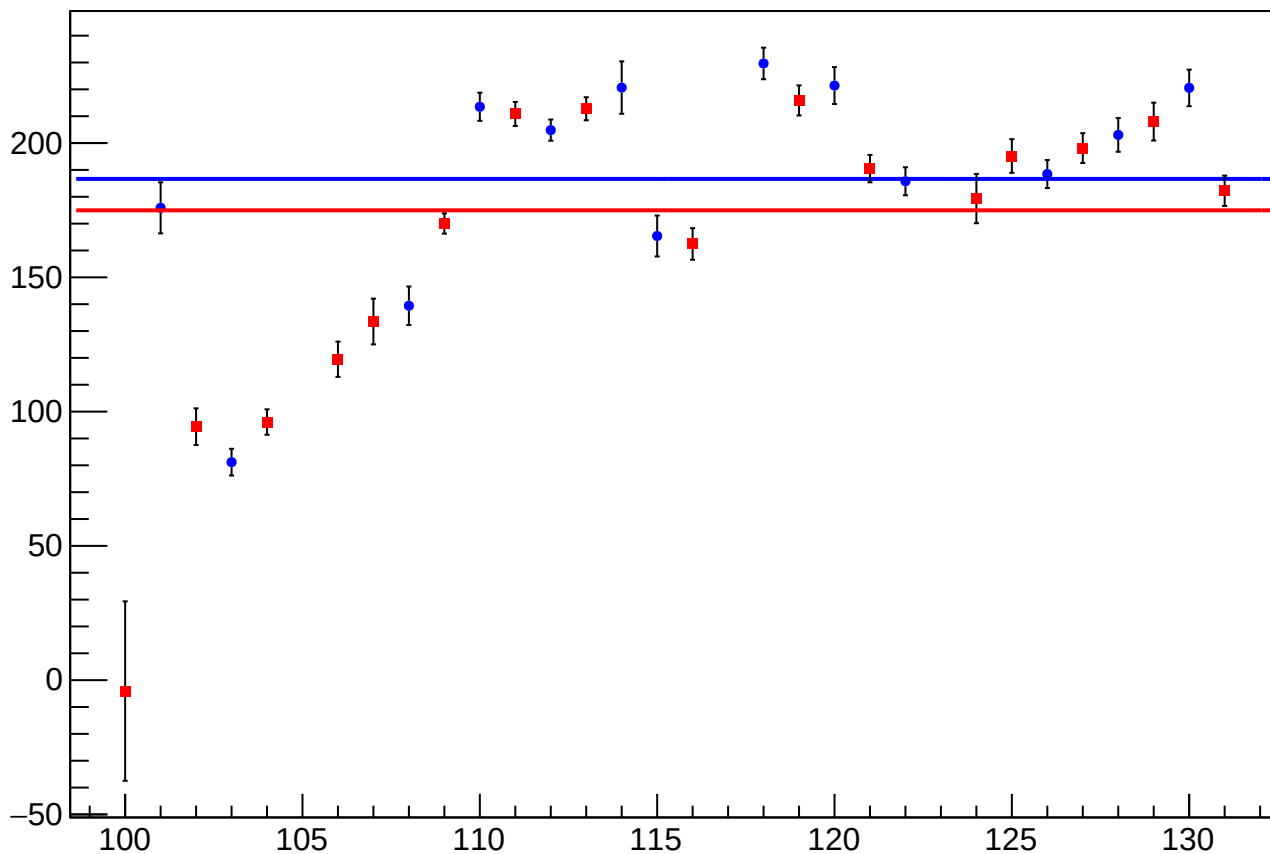
Right: -111.941+/-0.071 χ^2/NDF : 271086.1/28

In: -118.631+/-0.107 χ^2/NDF : 115906.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.941+/-0.071 χ^2/NDF : 271086.1/28

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 186.652 $\pm$ 1.643 χ^2 /NDF: 673.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.952 $\pm$ 1.416 χ^2 /NDF: 802.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

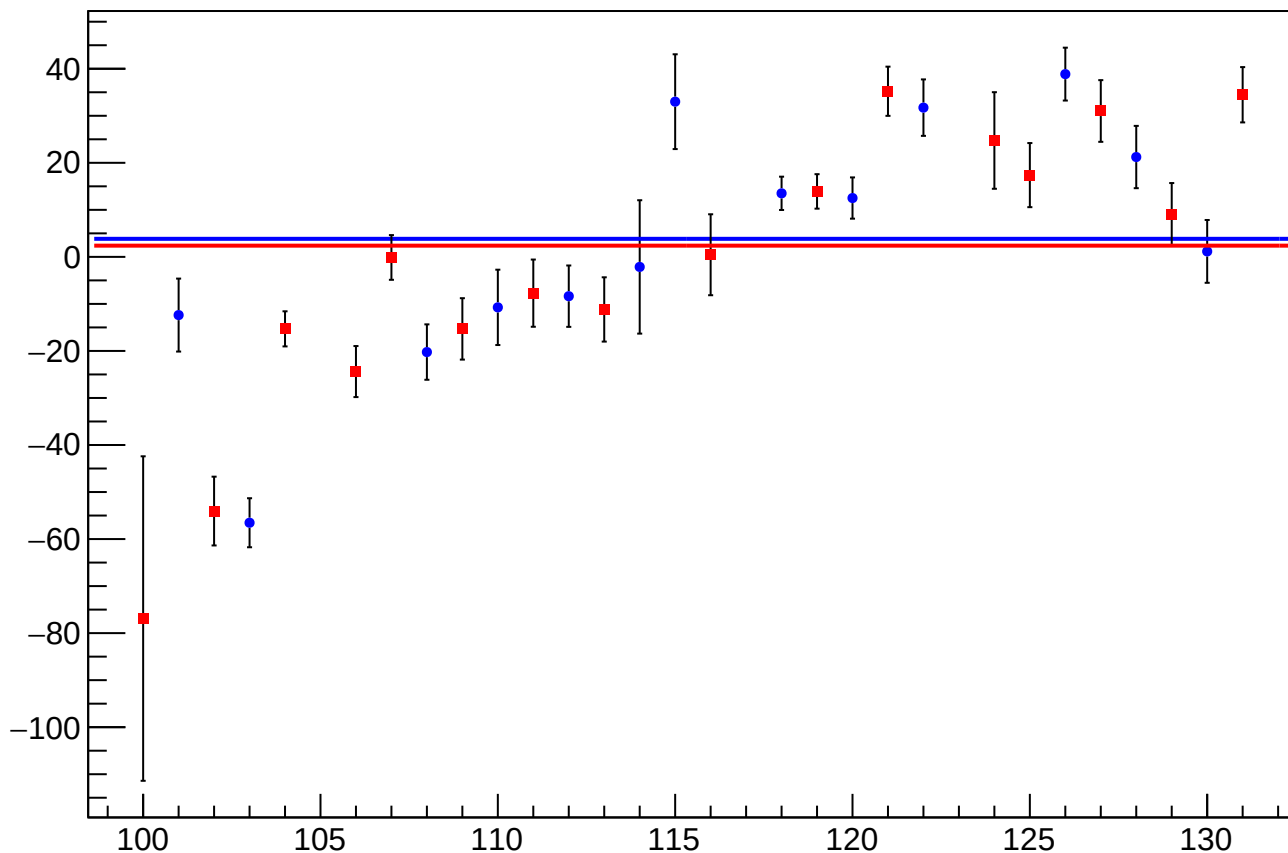
Right: 179.937 $\pm$ 1.073 χ^2 /NDF: 1505.1/28

In: 186.652 $\pm$ 1.643 χ^2 /NDF:673.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 179.937 $\pm$ 1.073 χ^2 /NDF: 1505.1/28

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.838 $\pm$ 1.638 χ^2 /NDF: 249.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.387 $\pm$ 1.467 χ^2 /NDF: 234.0/15

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

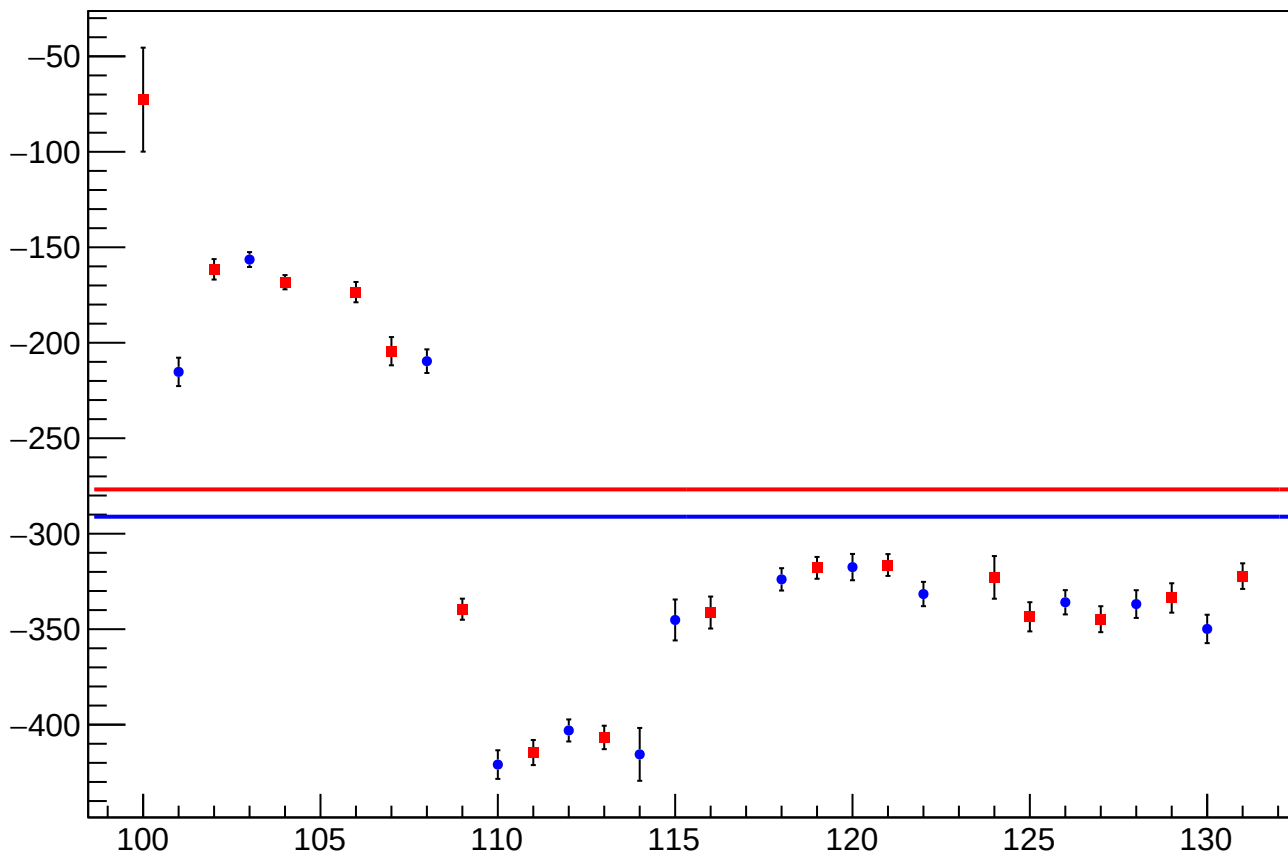
Right: 3.032 $\pm$ 1.093 χ^2 /NDF: 483.9/28

In: 3.838 $\pm$ 1.638 χ^2 /NDF:249.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.032 $\pm$ 1.093 χ^2 /NDF: 483.9/28

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -291.092 $\pm$ 1.801 χ^2 /NDF: 2488.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -276.803 $\pm$ 1.571 χ^2 /NDF: 3303.9/15

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

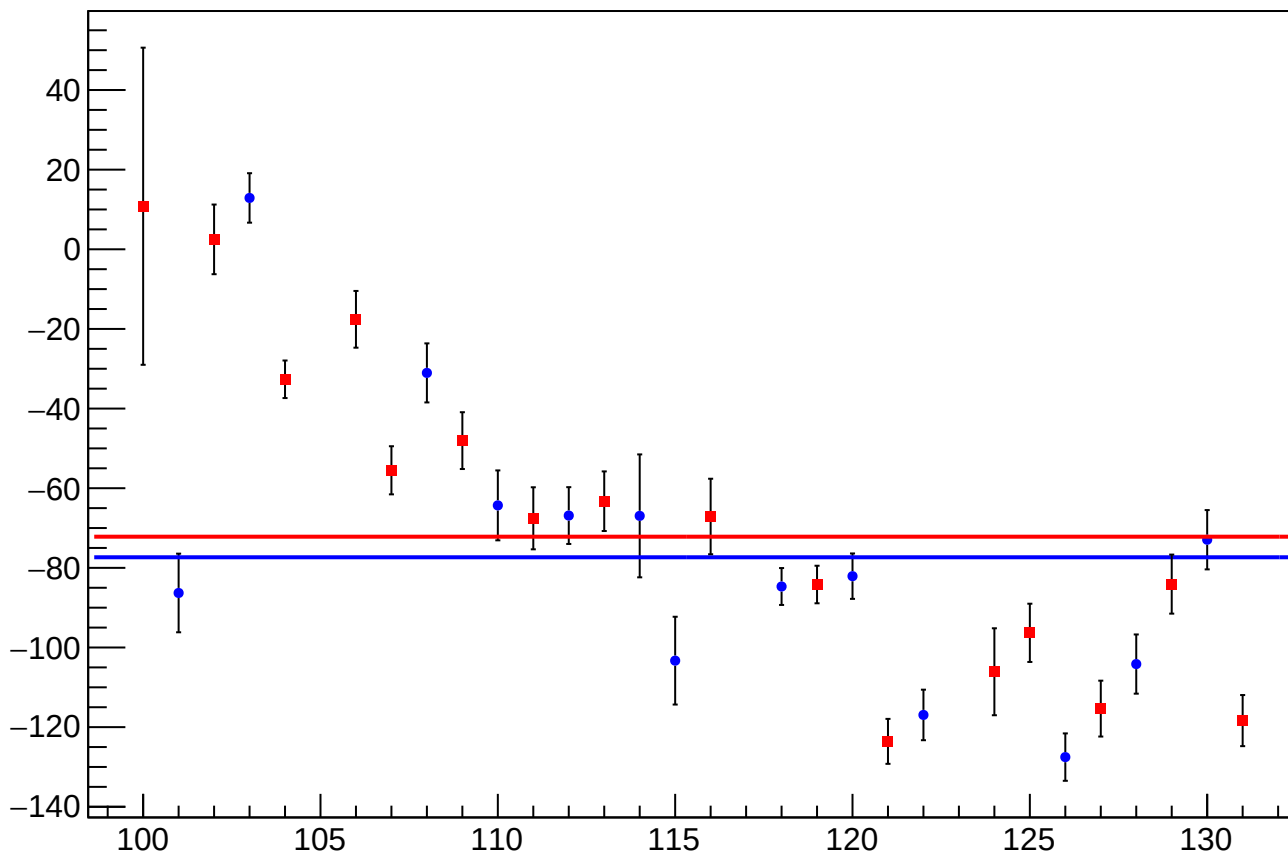
Right: -282.976 $\pm$ 1.184 χ^2 /NDF: 5828.0/28

In: -291.092 $\pm$ 1.801 χ^2 /NDF:2488.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -282.976 $\pm$ 1.184 χ^2 /NDF: 5828.0/28

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 $\pm$ 1.939 χ^2 /NDF: 387.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.174 $\pm$ 1.722 χ^2 /NDF: 429.5/15

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

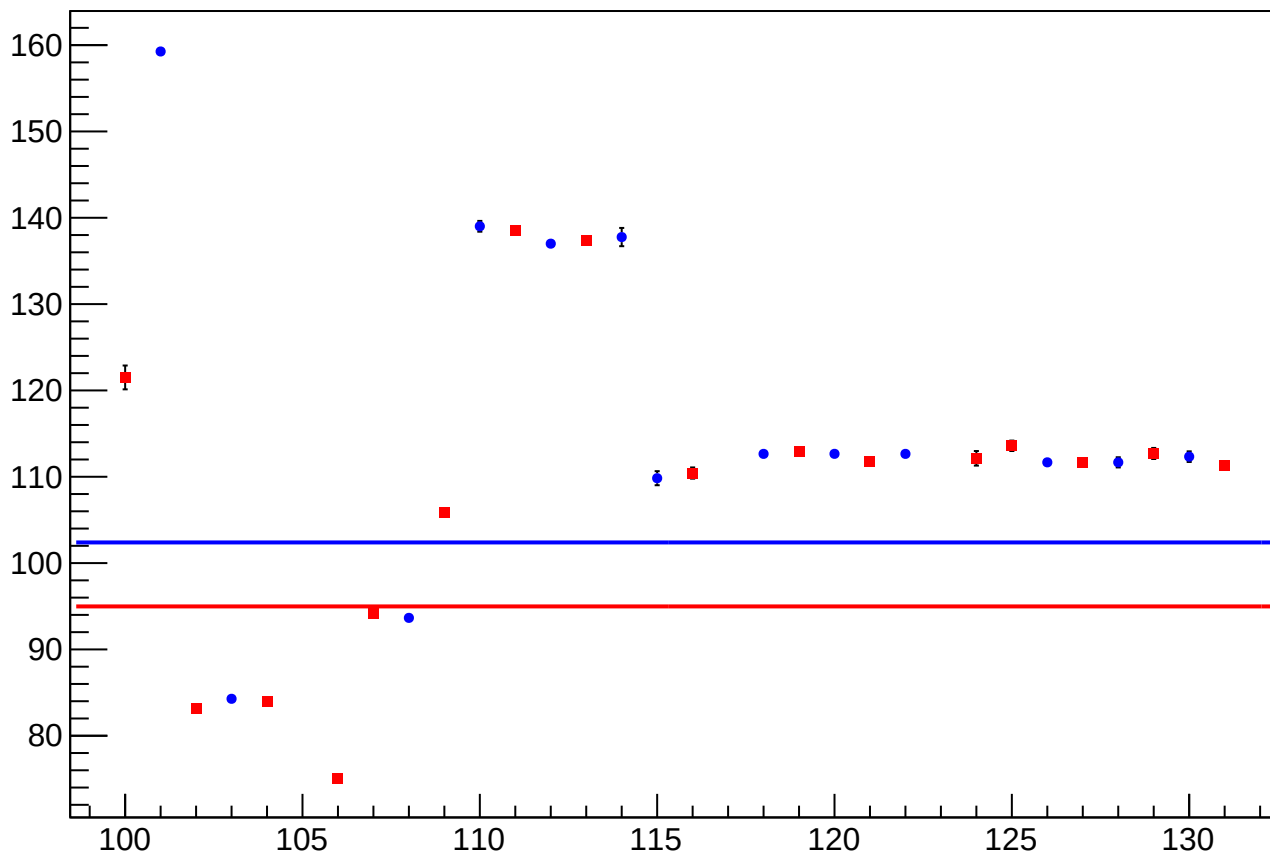
Right: -74.453 $\pm$ 1.288 χ^2 /NDF: 821.3/28

In: -77.342 $\pm$ 1.939 χ^2 /NDF:387.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.453 $\pm$ 1.288 χ^2 /NDF: 821.3/28

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.392+/-0.105 χ^2/NDF : 42858.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.982+/-0.092 χ^2/NDF : 36475.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

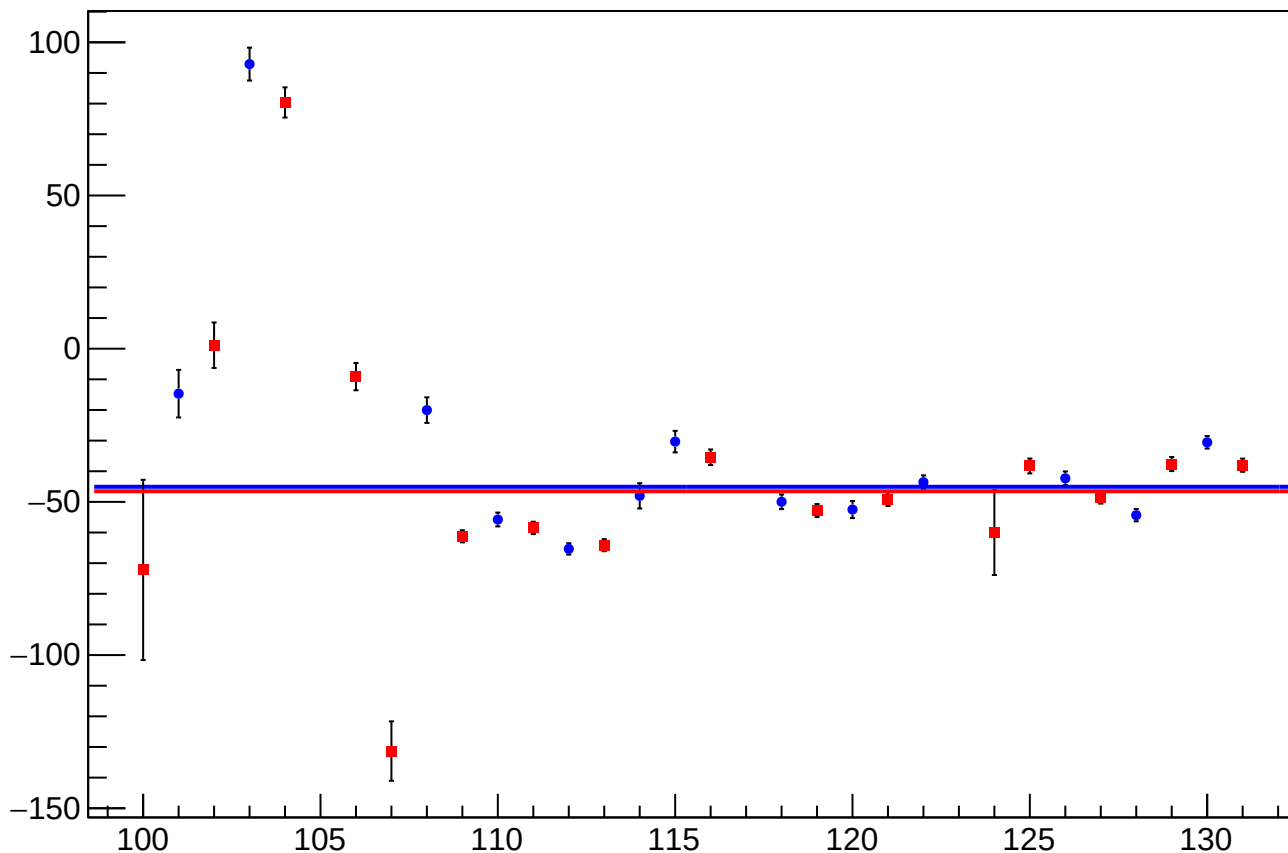
Right: 98.191+/-0.069 χ^2/NDF : 82141.1/28

In: 102.392+/-0.105 χ^2/NDF : 42858.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.191+/-0.069 χ^2/NDF : 82141.1/28

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.072 $\pm$ 0.721 χ^2 /NDF: 957.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.536 $\pm$ 0.661 χ^2 /NDF: 1096.3/15

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

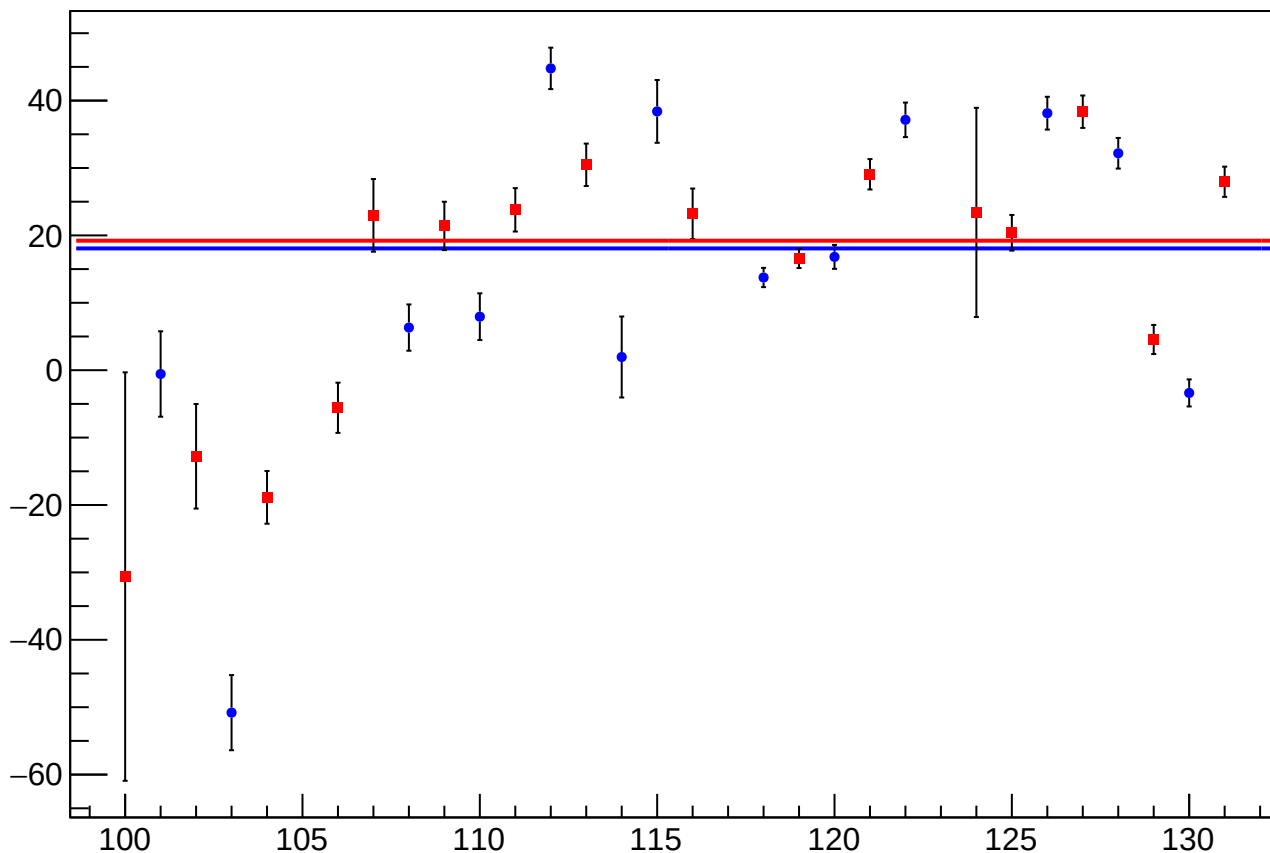
Right: -45.867 $\pm$ 0.487 χ^2 /NDF: 2055.9/28

In: -45.072 $\pm$ 0.721 χ^2 /NDF:957.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.867 $\pm$ 0.487 χ^2 /NDF: 2055.9/28

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.068+/-0.712 χ^2 /NDF: 568.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.216+/-0.713 χ^2 /NDF: 323.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

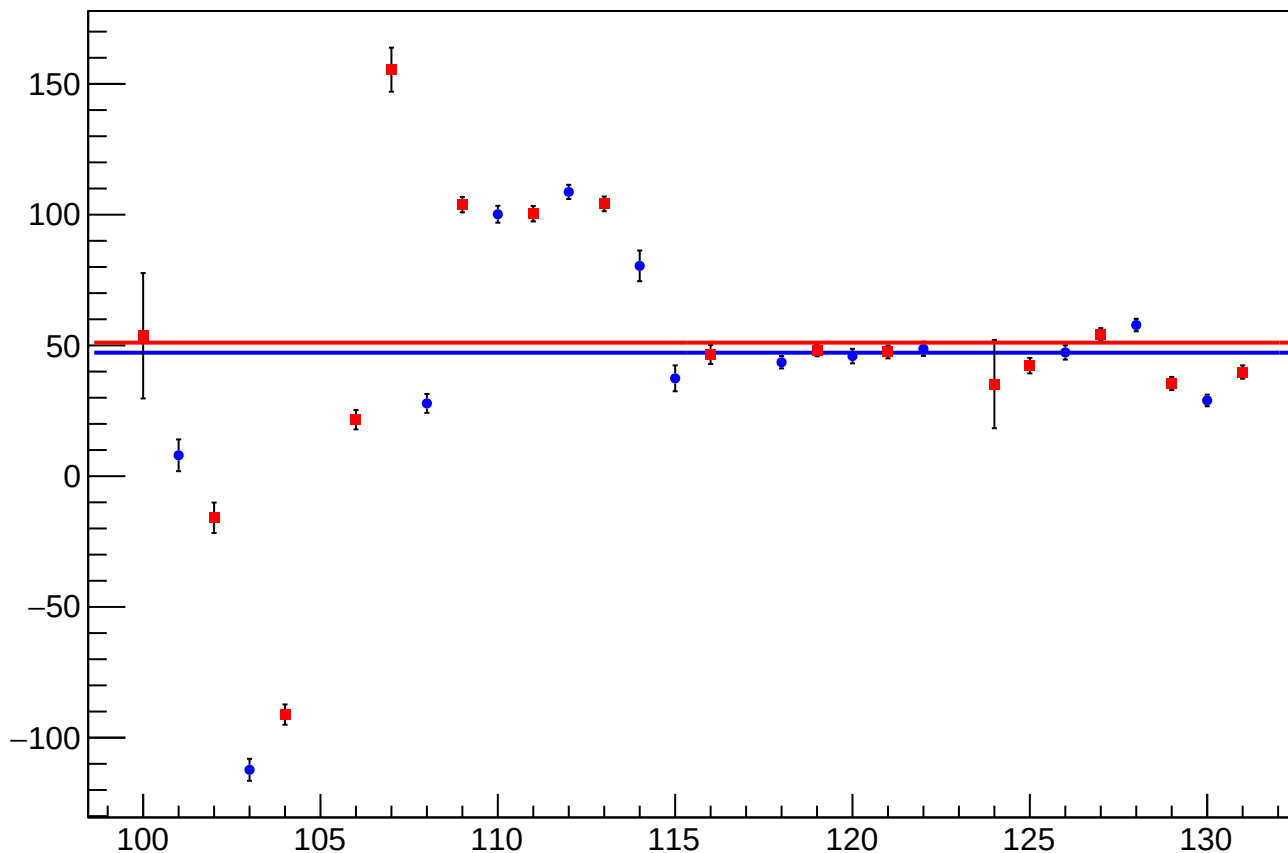
Right: 18.641+/-0.504 χ^2 /NDF: 893.1/28

In: 18.068+/-0.712 χ^2 /NDF:568.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.641+/-0.504 χ^2 /NDF: 893.1/28

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.221 $\pm$ 0.841 χ^2 /NDF: 2413.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.073 $\pm$ 0.793 χ^2 /NDF: 2719.5/15

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

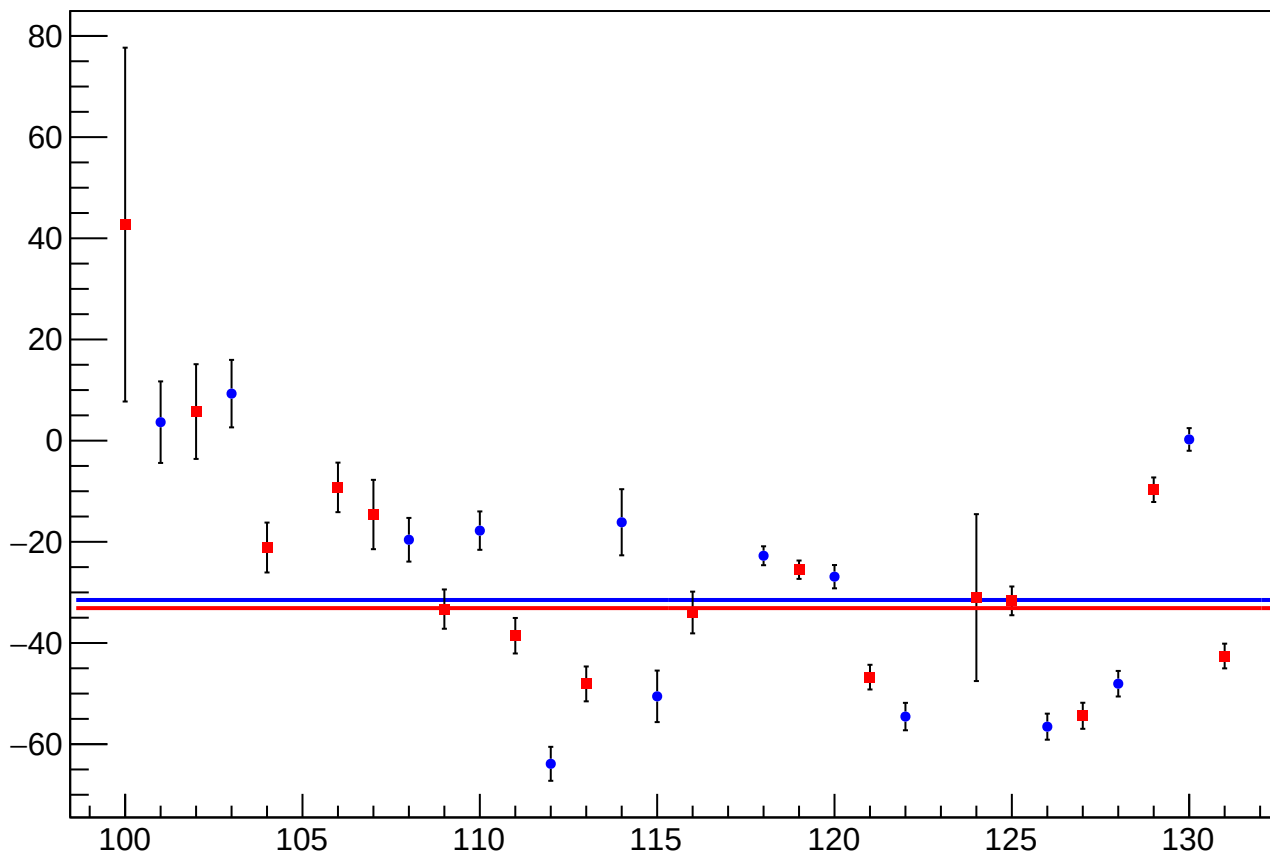
Right: 49.259 $\pm$ 0.577 χ^2 /NDF: 5143.5/28

In: 47.221 $\pm$ 0.841 χ^2 /NDF:2413.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.259 $\pm$ 0.577 χ^2 /NDF: 5143.5/28

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.496 $\pm$ 0.836 χ^2 /NDF: 626.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.105 $\pm$ 0.818 χ^2 /NDF: 305.6/15

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

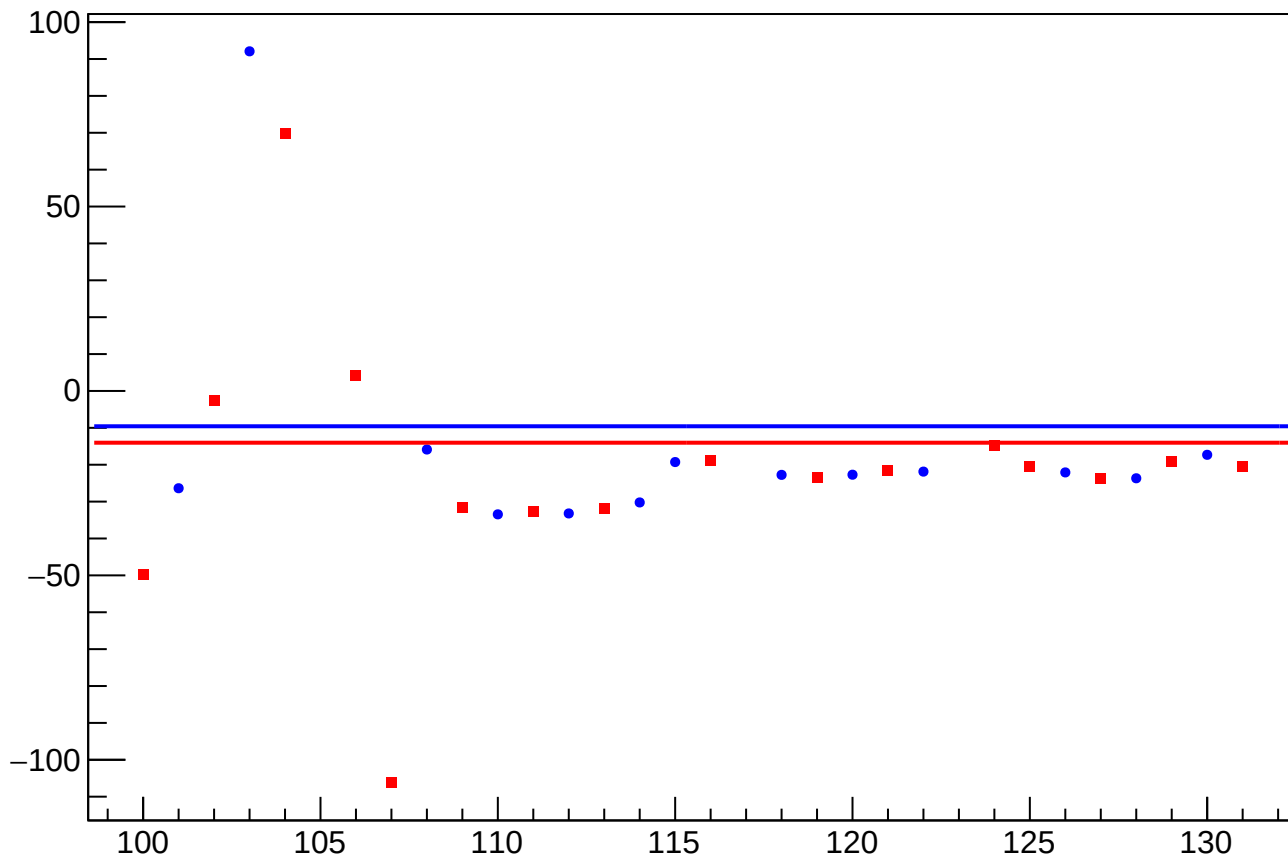
Right: -32.319 $\pm$ 0.585 χ^2 /NDF: 933.9/28

In: -31.496 $\pm$ 0.836 χ^2 /NDF:626.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.319 $\pm$ 0.585 χ^2 /NDF: 933.9/28

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.574+/-0.059 χ^2/NDF : 381221.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.032+/-0.057 χ^2/NDF : 316684.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

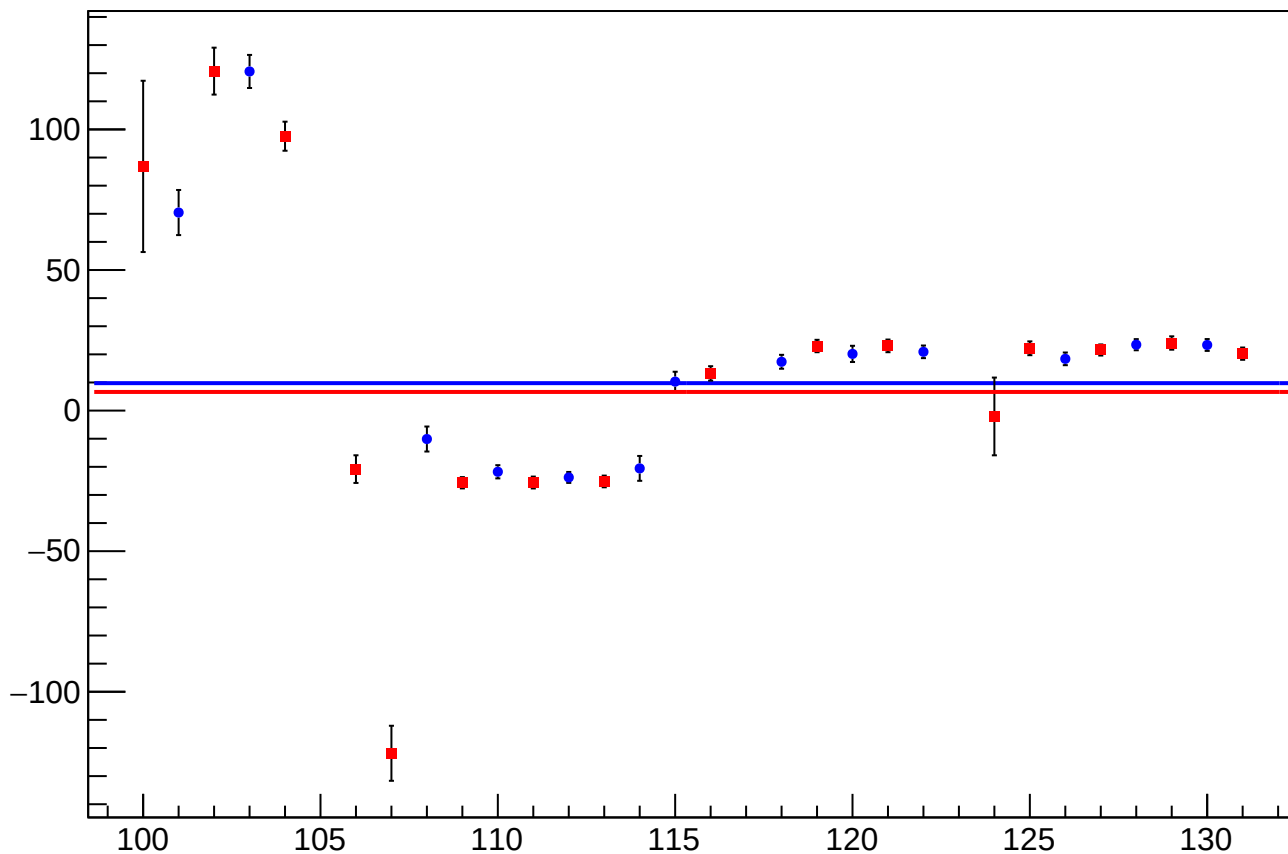
Right: -11.908+/-0.041 χ^2/NDF : 700870.4/28

In: -9.574+/-0.059 χ^2/NDF : 381221.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.908+/-0.041 χ^2/NDF : 700870.4/28

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.760+/-0.739 χ^2/NDF : 1107.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.631+/-0.678 χ^2/NDF : 1736.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

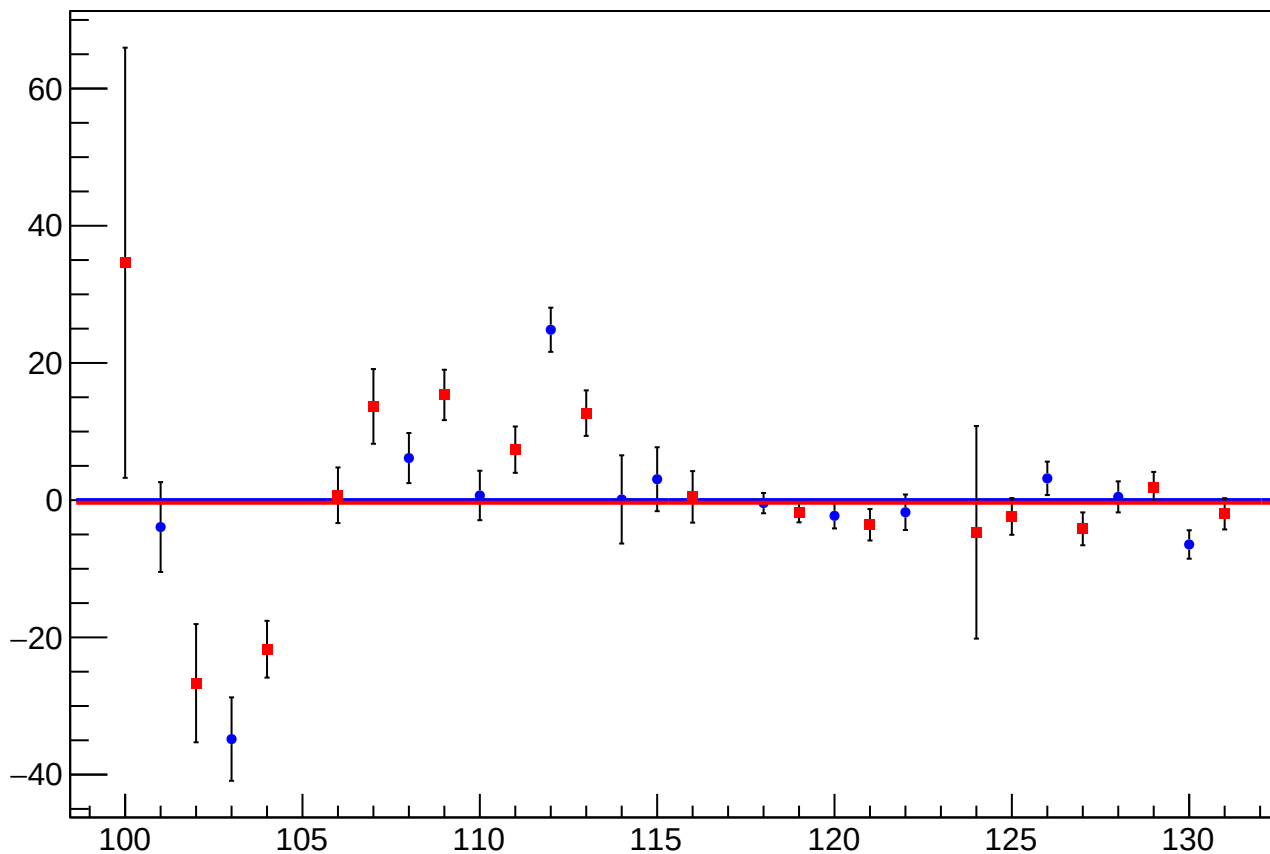
Right: 8.060+/-0.500 χ^2/NDF : 2853.3/28

In: 9.760+/-0.739 χ^2/NDF : 1107.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.060+/-0.500 χ^2/NDF : 2853.3/28

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.012+/-0.732 χ^2/NDF : 109.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.374+/-0.734 χ^2/NDF : 90.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

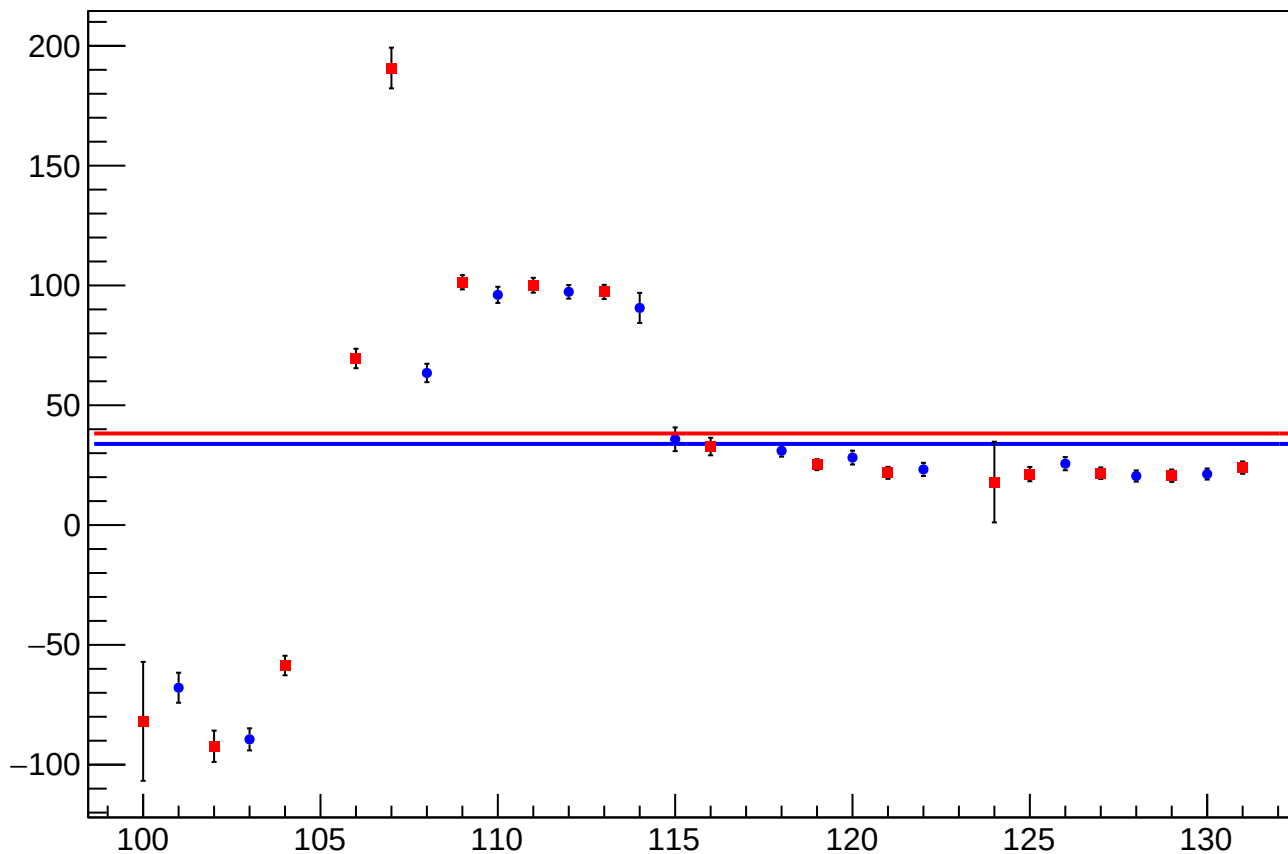
Right: -0.181+/-0.518 χ^2/NDF : 200.2/28

In: 0.012+/-0.732 χ^2/NDF : 109.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.181+/-0.518 χ^2/NDF : 200.2/28

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 33.866+/-0.864 χ^2/NDF : 2048.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.217+/-0.816 χ^2/NDF : 2840.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

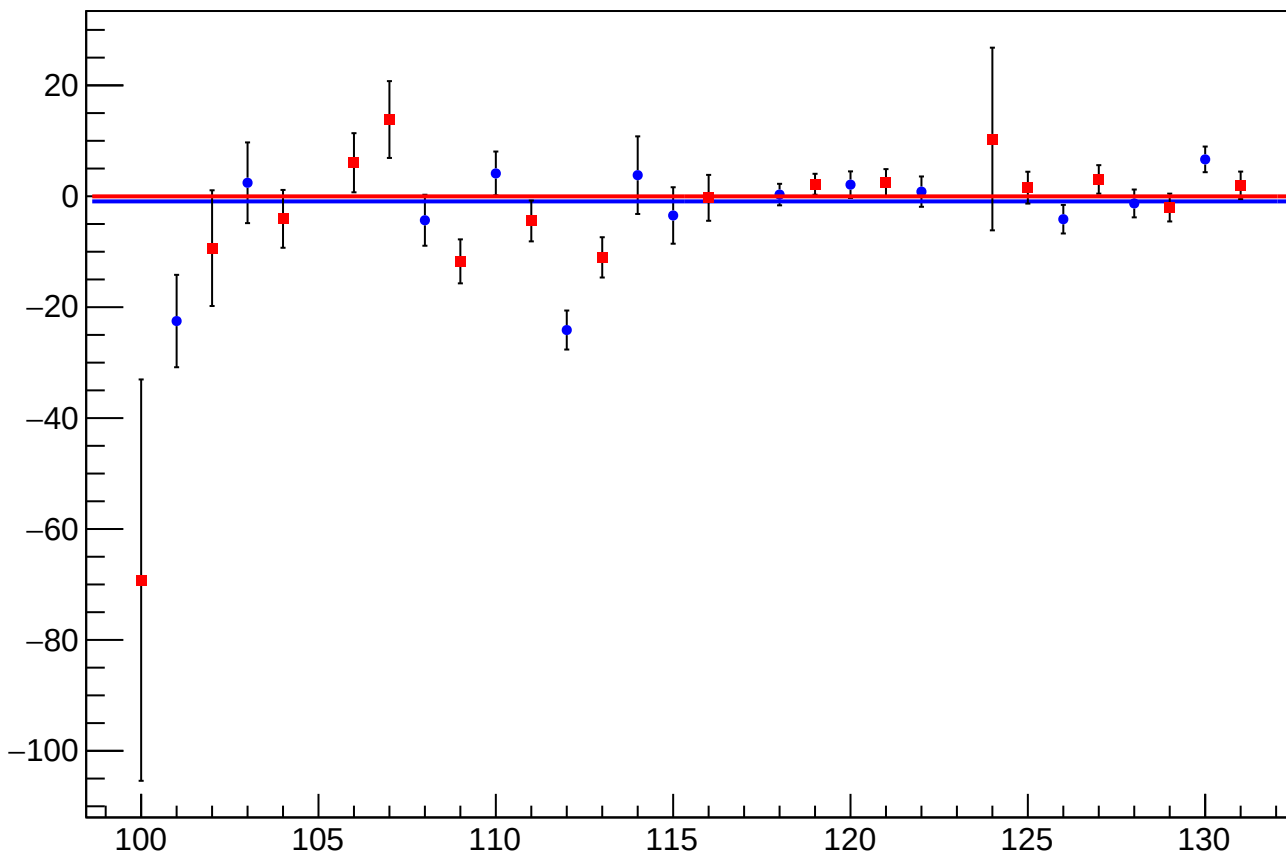
Right: 36.166+/-0.593 χ^2/NDF : 4902.3/28

In: 33.866+/-0.864 χ^2/NDF : 2048.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.166+/-0.593 χ^2/NDF : 4902.3/28

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.924 ± 0.859 χ^2/NDF : 68.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.840 χ^2/NDF : 35.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

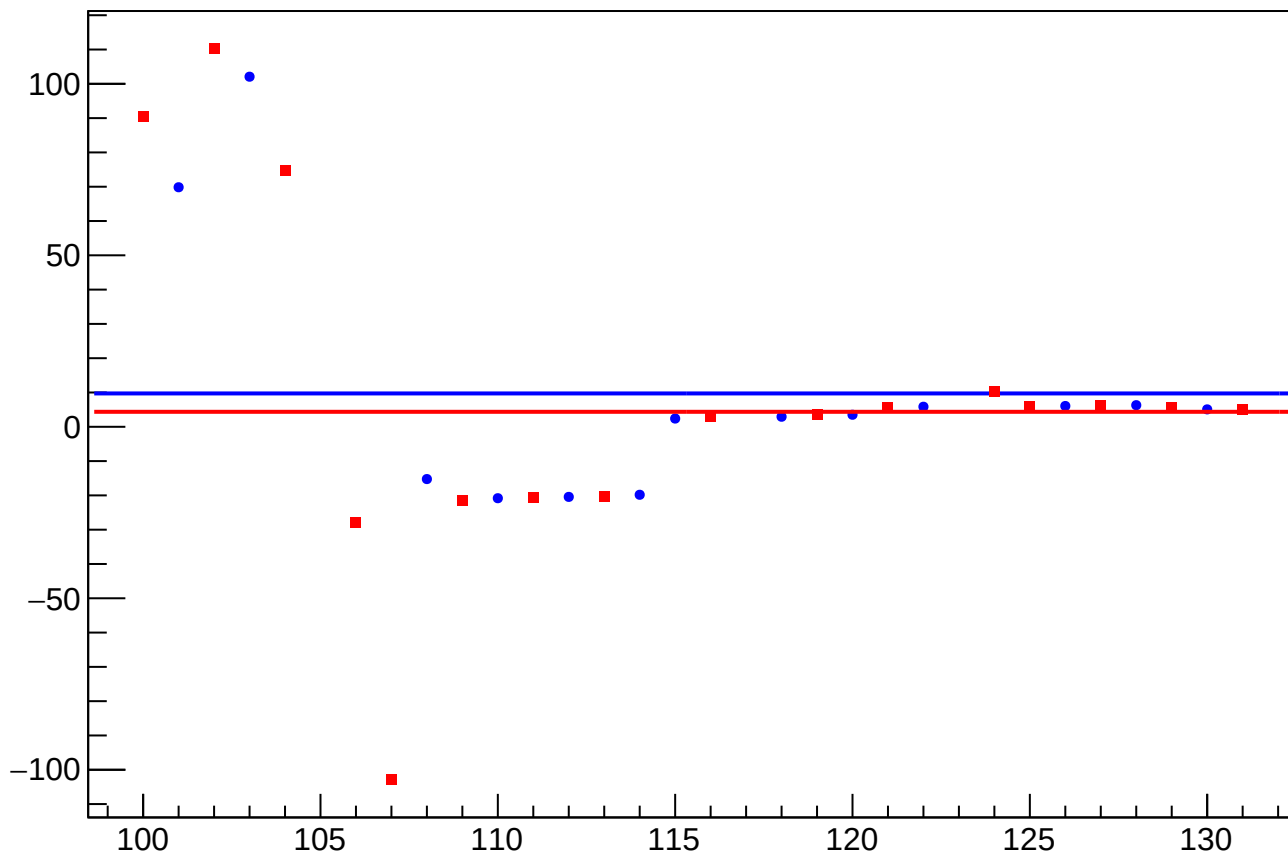
Right: -0.461 ± 0.601 χ^2/NDF : 104.0/28

In: -0.924 ± 0.859 χ^2/NDF : 68.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.461 ± 0.601 χ^2/NDF : 104.0/28

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.727+/-0.061 χ^2/NDF : 316393.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.371+/-0.059 χ^2/NDF : 434435.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

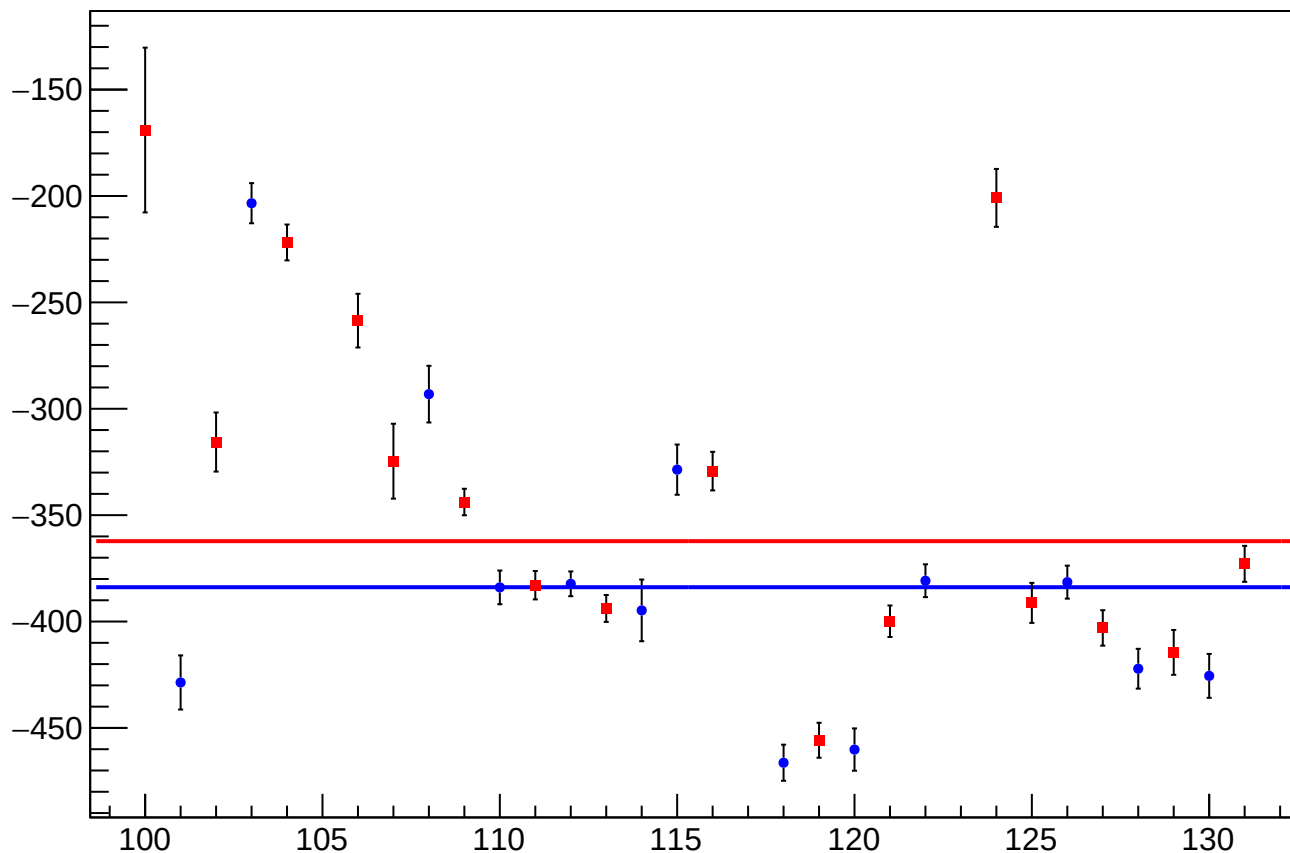
Right: 6.926+/-0.042 χ^2/NDF : 754797.0/28

In: 9.727+/-0.061 χ^2/NDF : 316393.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.926+/-0.042 χ^2/NDF : 754797.0/28

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -383.862+/-2.511 χ^2/NDF : 634.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -362.217+/-2.225 χ^2/NDF : 798.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

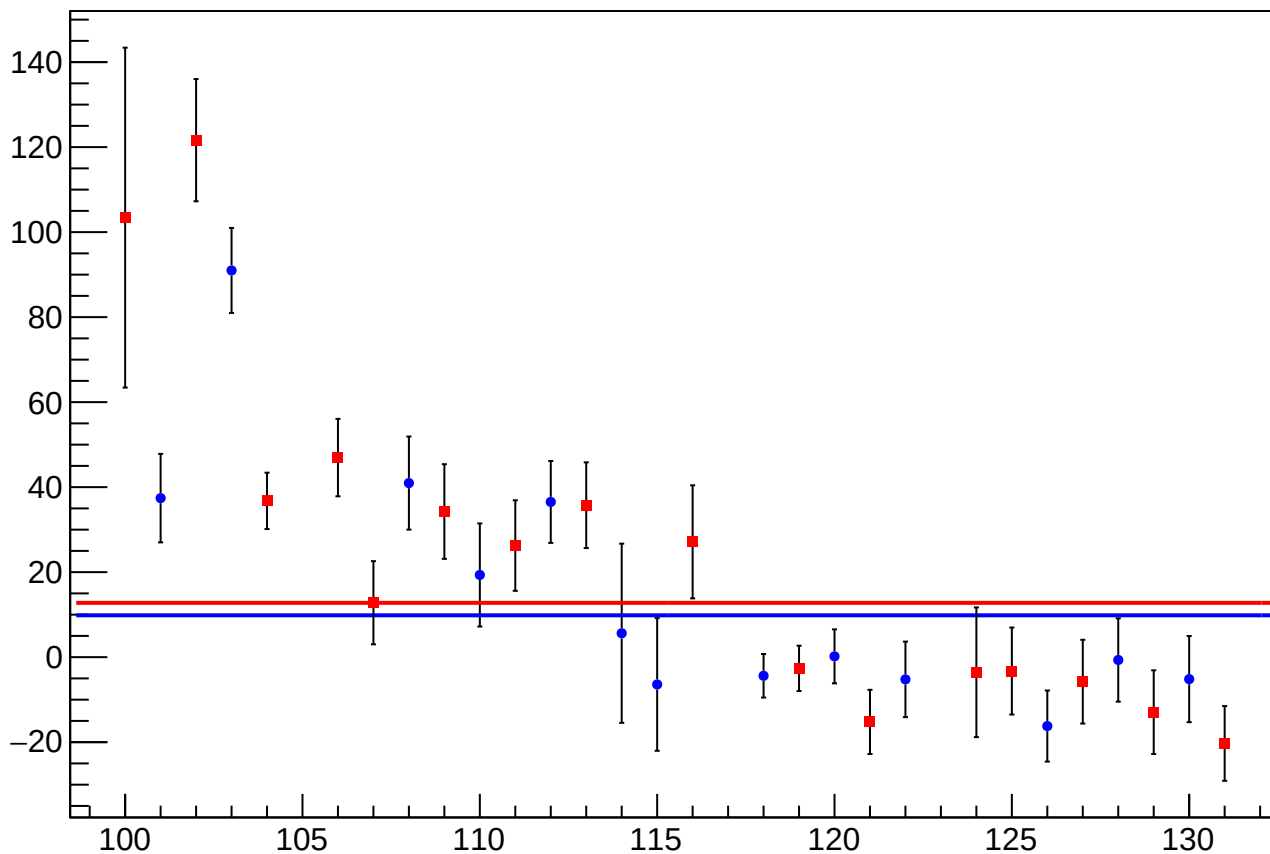
Right: -371.739+/-1.665 χ^2/NDF : 1474.1/28

In: -383.862+/-2.511 χ^2/NDF : 634.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.739+/-1.665 χ^2/NDF : 1474.1/28

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.846+/-2.488 χ^2/NDF : 116.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.781+/-2.337 χ^2/NDF : 151.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

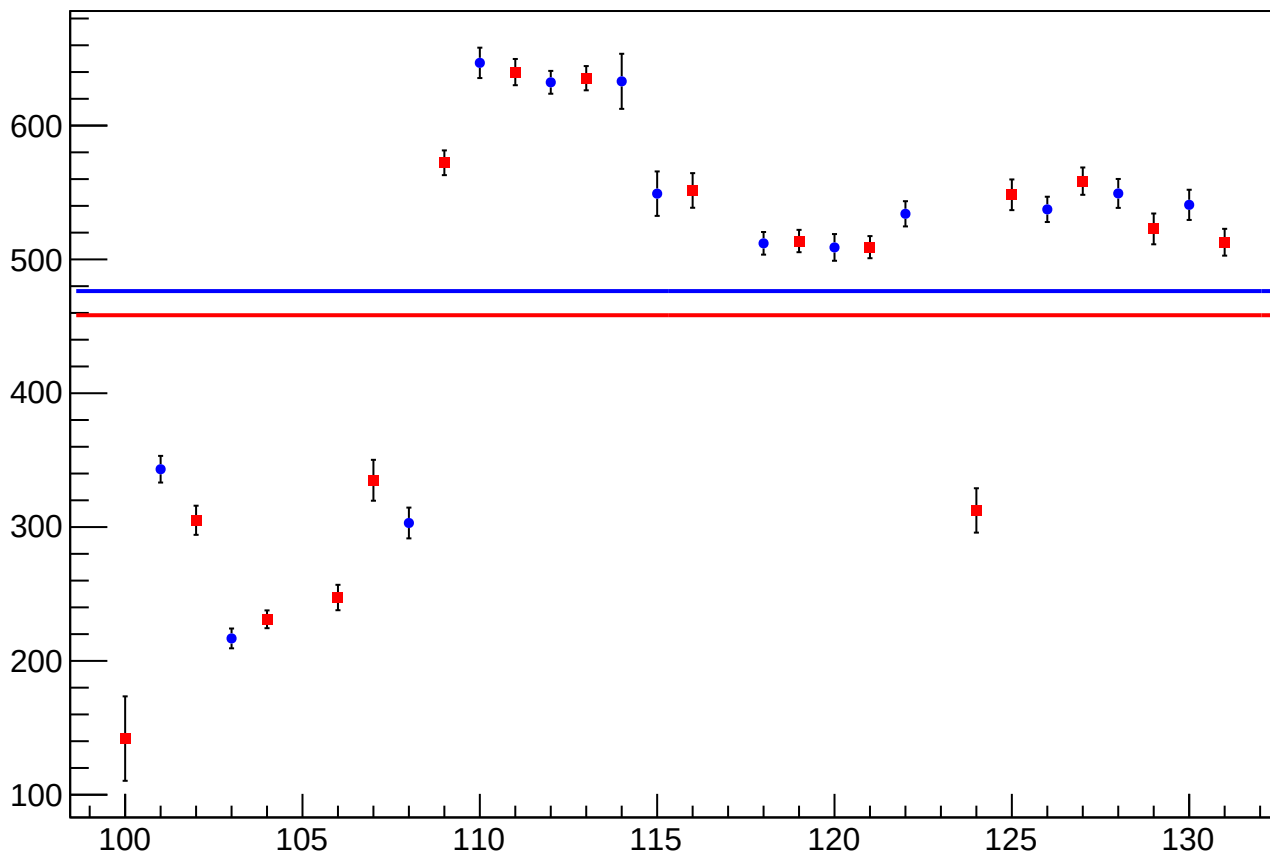
Right: 11.405+/-1.703 χ^2/NDF : 268.6/28

In: 9.846+/-2.488 χ^2/NDF : 116.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.405+/-1.703 χ^2/NDF : 268.6/28

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 476.327+/-2.814 χ^2/NDF : 2459.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 458.292+/-2.539 χ^2/NDF : 3335.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

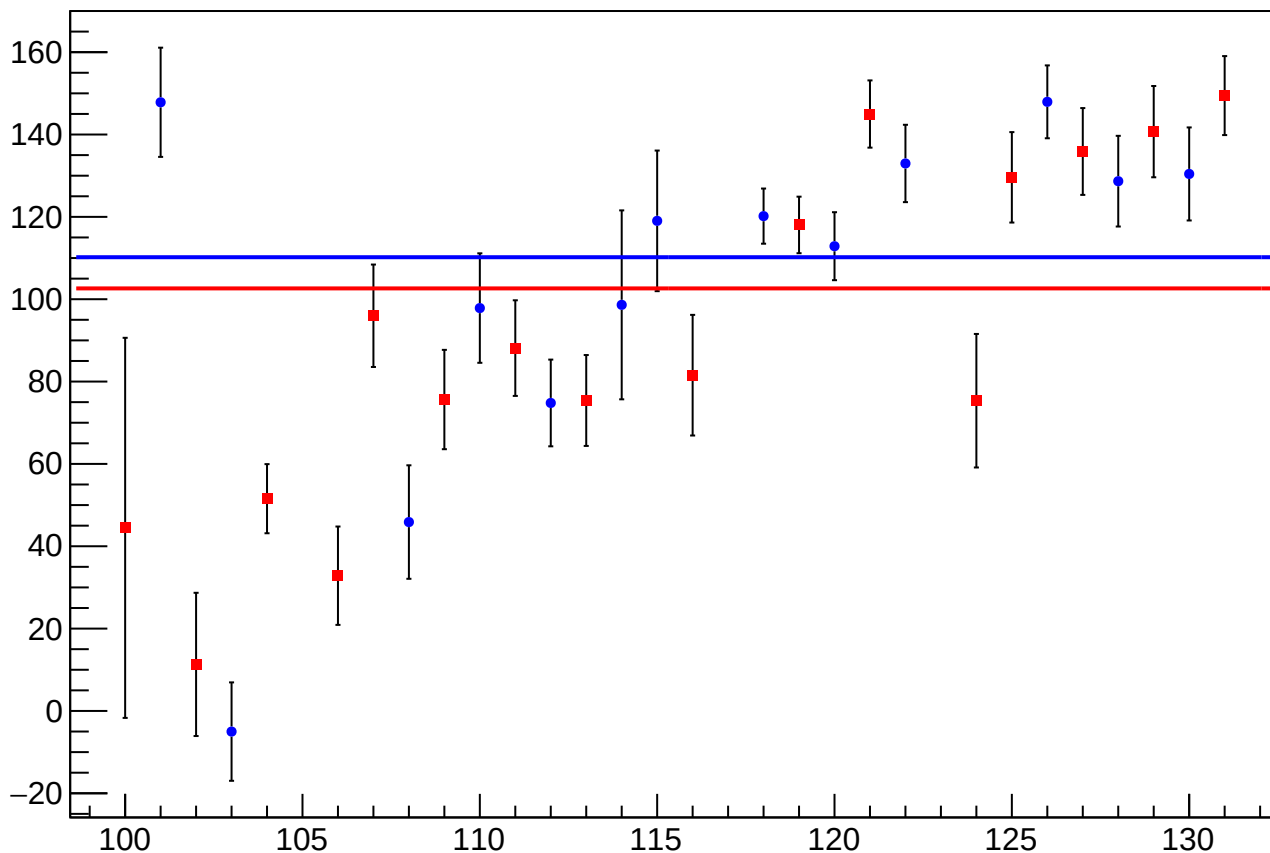
Right: 466.387+/-1.885 χ^2/NDF : 5817.1/28

In: 476.327+/-2.814 χ^2/NDF :2459.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 466.387+/-1.885 χ^2/NDF : 5817.1/28

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 110.201+/-2.948 χ^2/NDF : 167.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.625+/-2.723 χ^2/NDF : 201.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

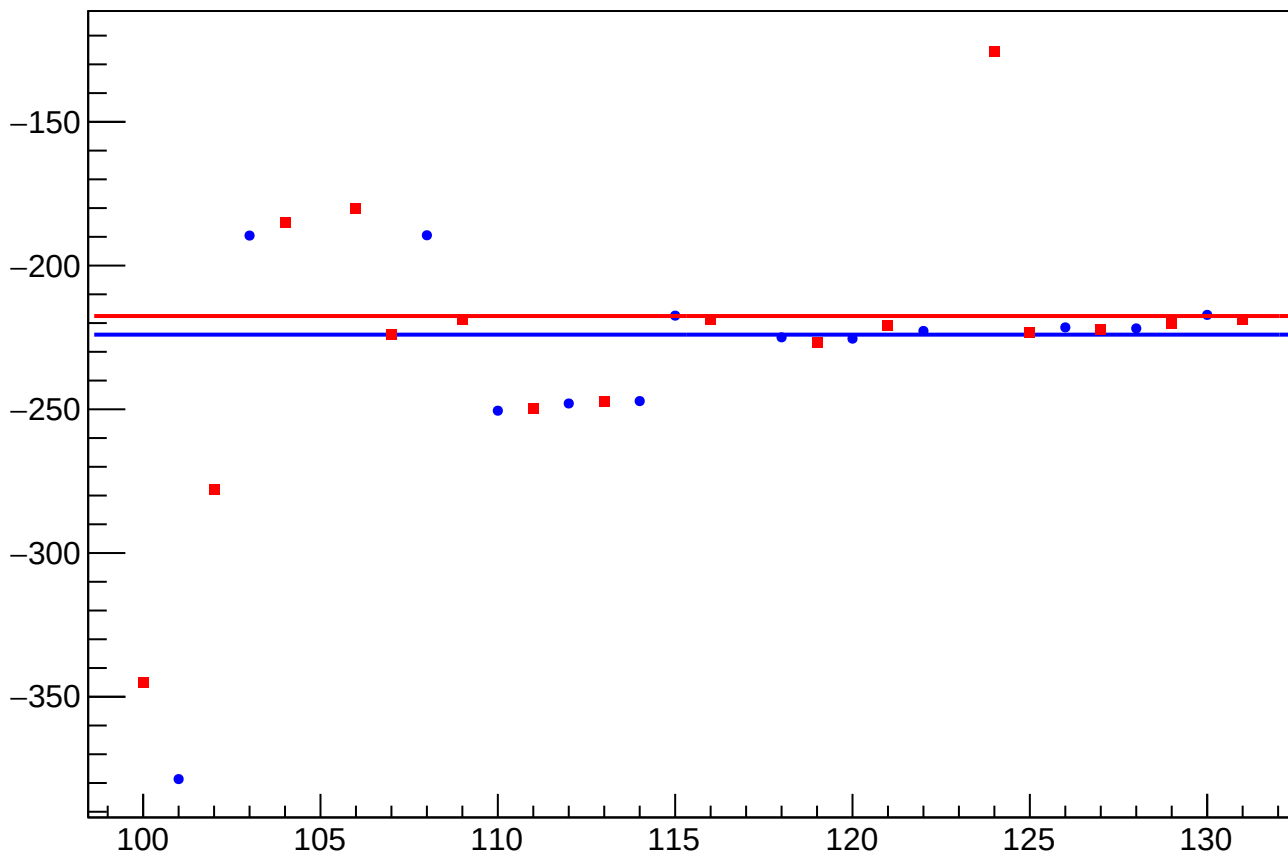
Right: 106.113+/-2.000 χ^2/NDF : 373.1/28

In: 110.201+/-2.948 χ^2/NDF : 167.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.113+/-2.000 χ^2/NDF : 373.1/28

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.031+/-0.176 χ^2/NDF : 87688.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -217.556+/-0.161 χ^2/NDF : 47395.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

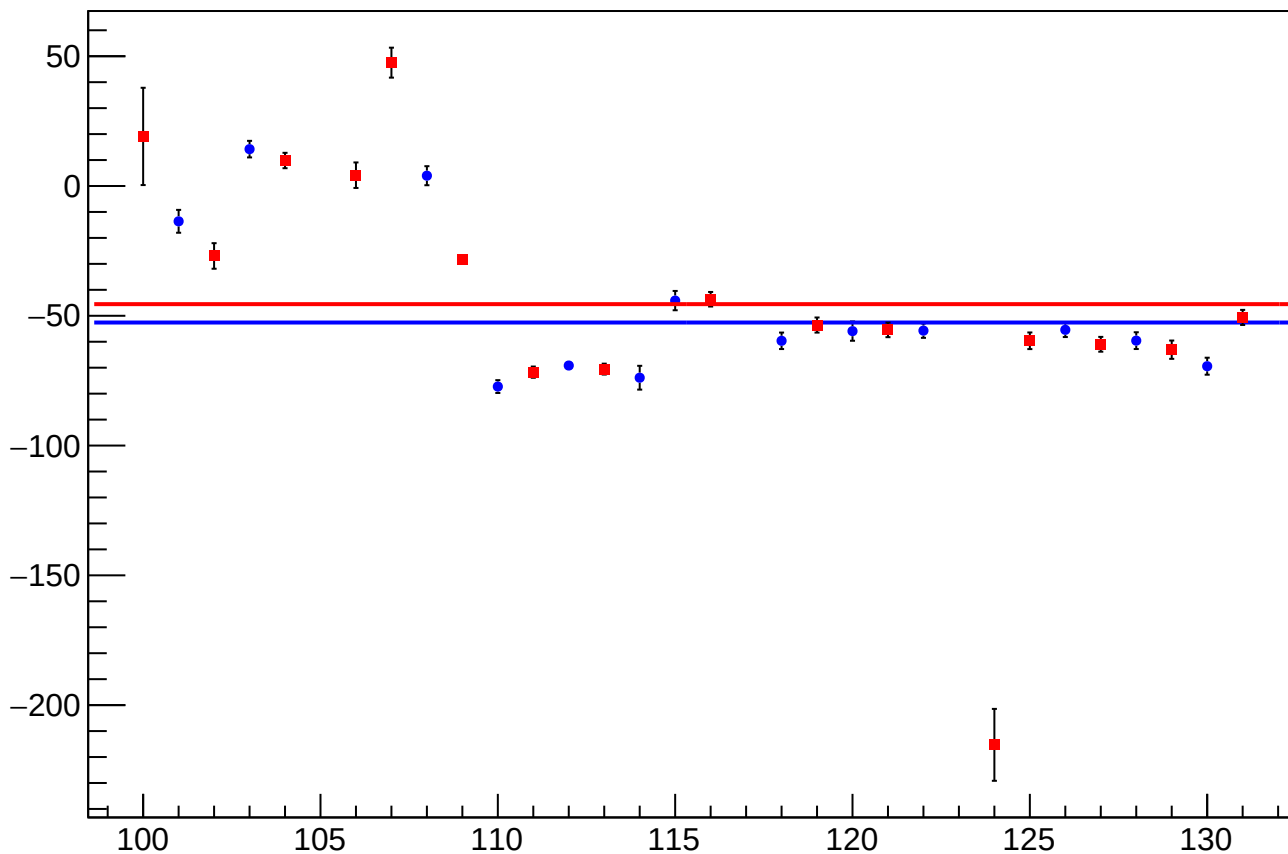
Right: -220.512+/-0.119 χ^2/NDF : 135818.7/28

In: -224.031+/-0.176 χ^2/NDF :87688.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -220.512+/-0.119 χ^2/NDF : 135818.7/28

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.598 ± 0.848 $\chi^2/\text{NDF}: 992.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -45.517 ± 0.726 $\chi^2/\text{NDF}: 1398.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

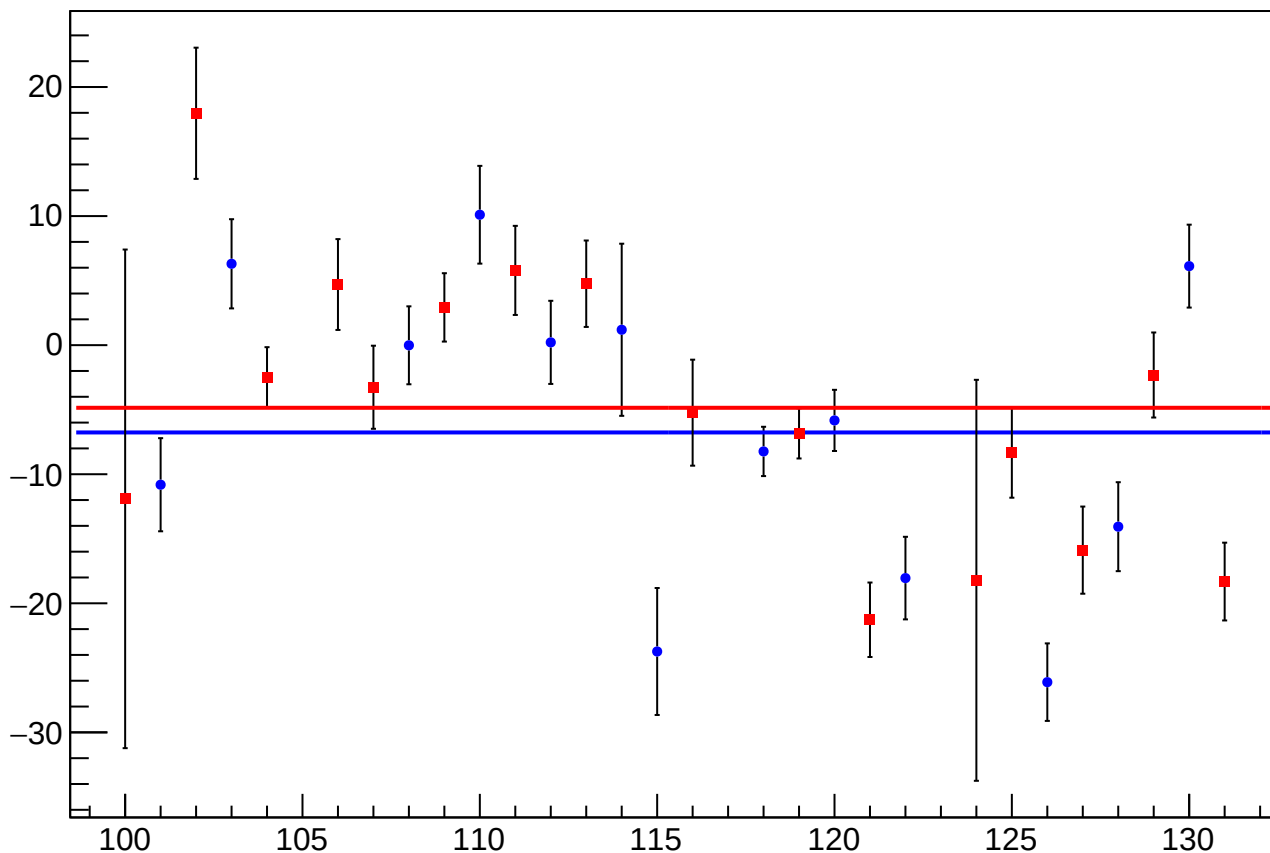
Right: -48.513 ± 0.552 $\chi^2/\text{NDF}: 2431.0/28$

In: -52.598 ± 0.848 $\chi^2/\text{NDF}: 992.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -48.513 ± 0.552 $\chi^2/\text{NDF}: 2431.0/28$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.763 ± 0.863 χ^2/NDF : 133.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.853 ± 0.806 χ^2/NDF : 121.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

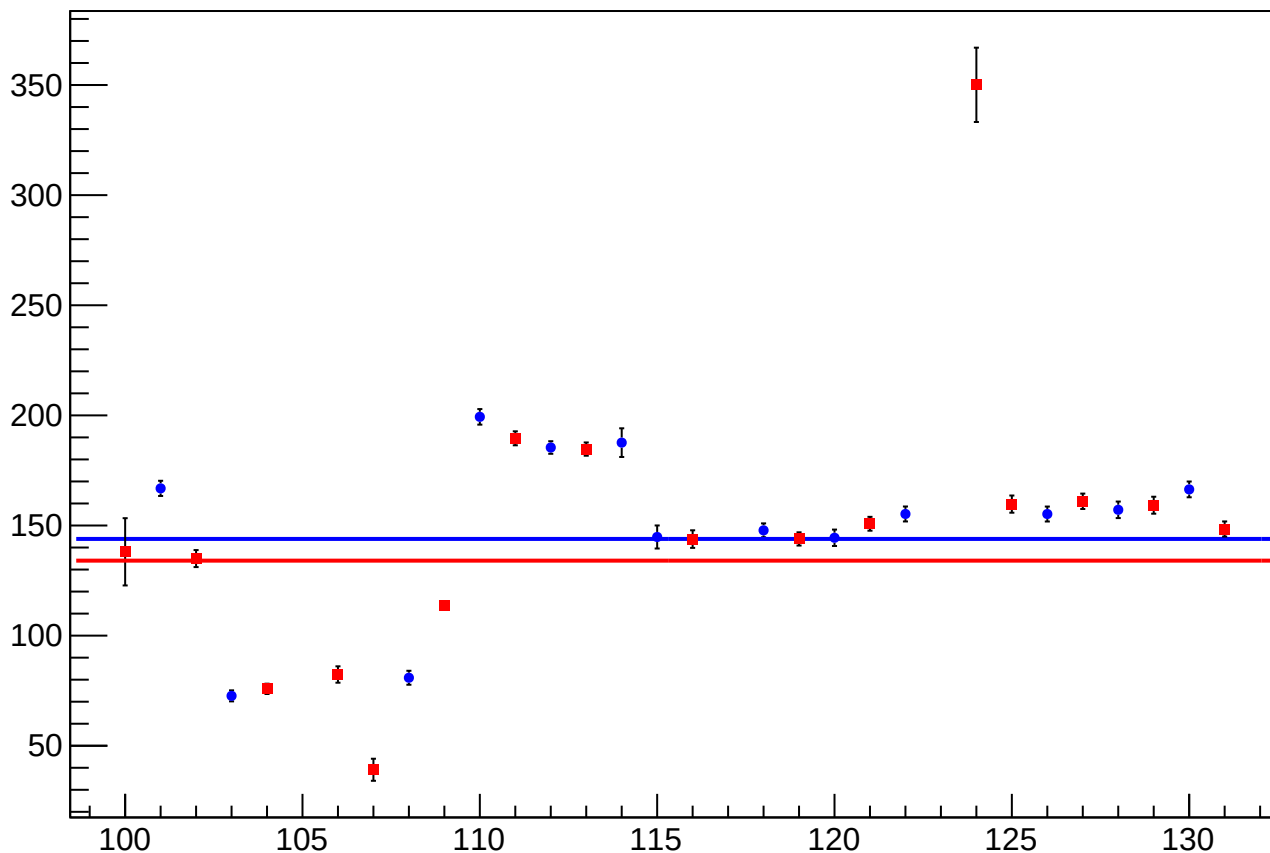
Right: -5.743 ± 0.589 χ^2/NDF : 258.0/28

In: -6.763 ± 0.863 χ^2/NDF : 133.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.743 ± 0.589 χ^2/NDF : 258.0/28

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.905+/-0.953 χ^2/NDF : 1826.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.049+/-0.861 χ^2/NDF : 2215.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

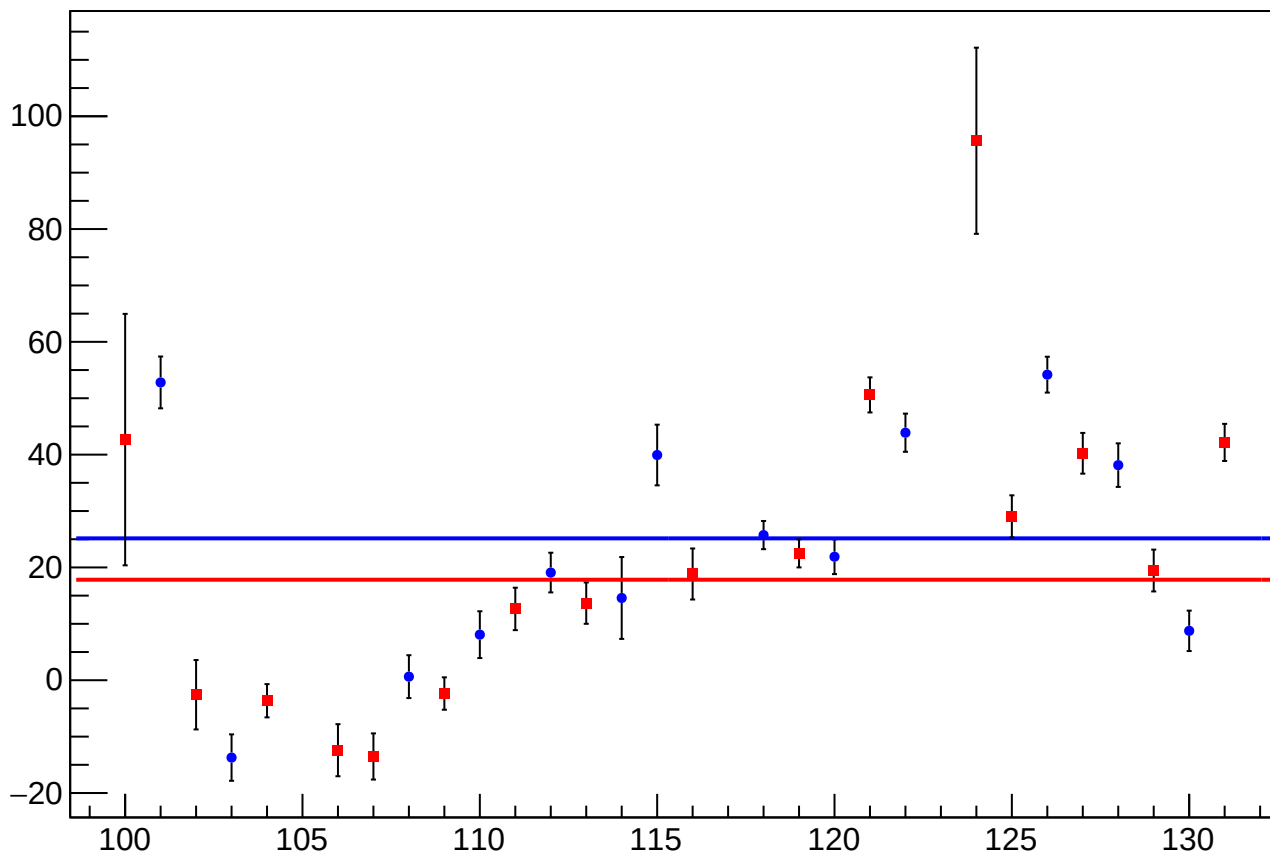
Right: 138.479+/-0.639 χ^2/NDF : 4101.3/28

In: 143.905+/-0.953 χ^2/NDF : 1826.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.479+/-0.639 χ^2/NDF : 4101.3/28

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.152+/-1.018 χ^2/NDF : 344.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.819+/-0.934 χ^2/NDF : 458.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

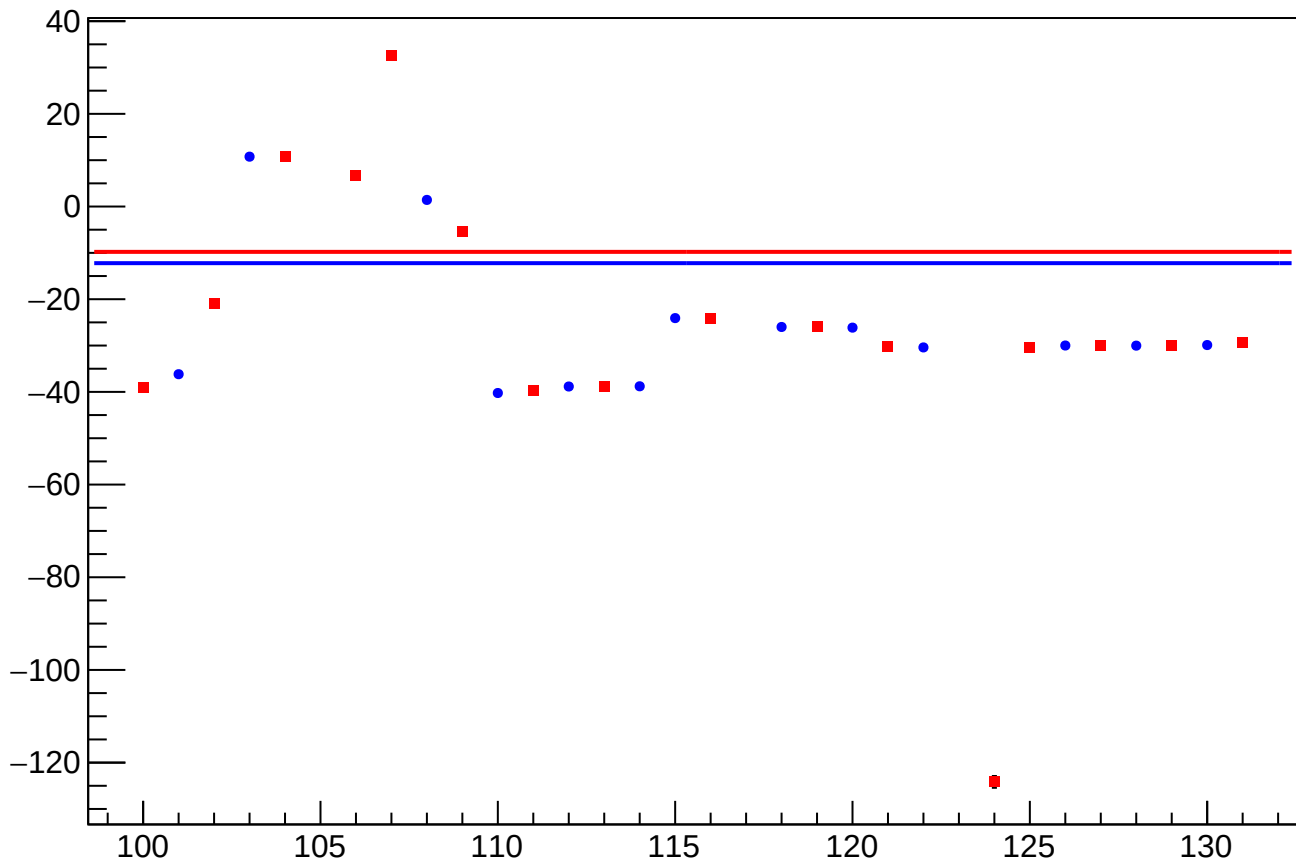
Right: 21.170+/-0.688 χ^2/NDF : 831.0/28

In: 25.152+/-1.018 χ^2/NDF : 344.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.170+/-0.688 χ^2/NDF : 831.0/28

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.221+/-0.058 χ^2/NDF : 121771.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.783+/-0.055 χ^2/NDF : 160404.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

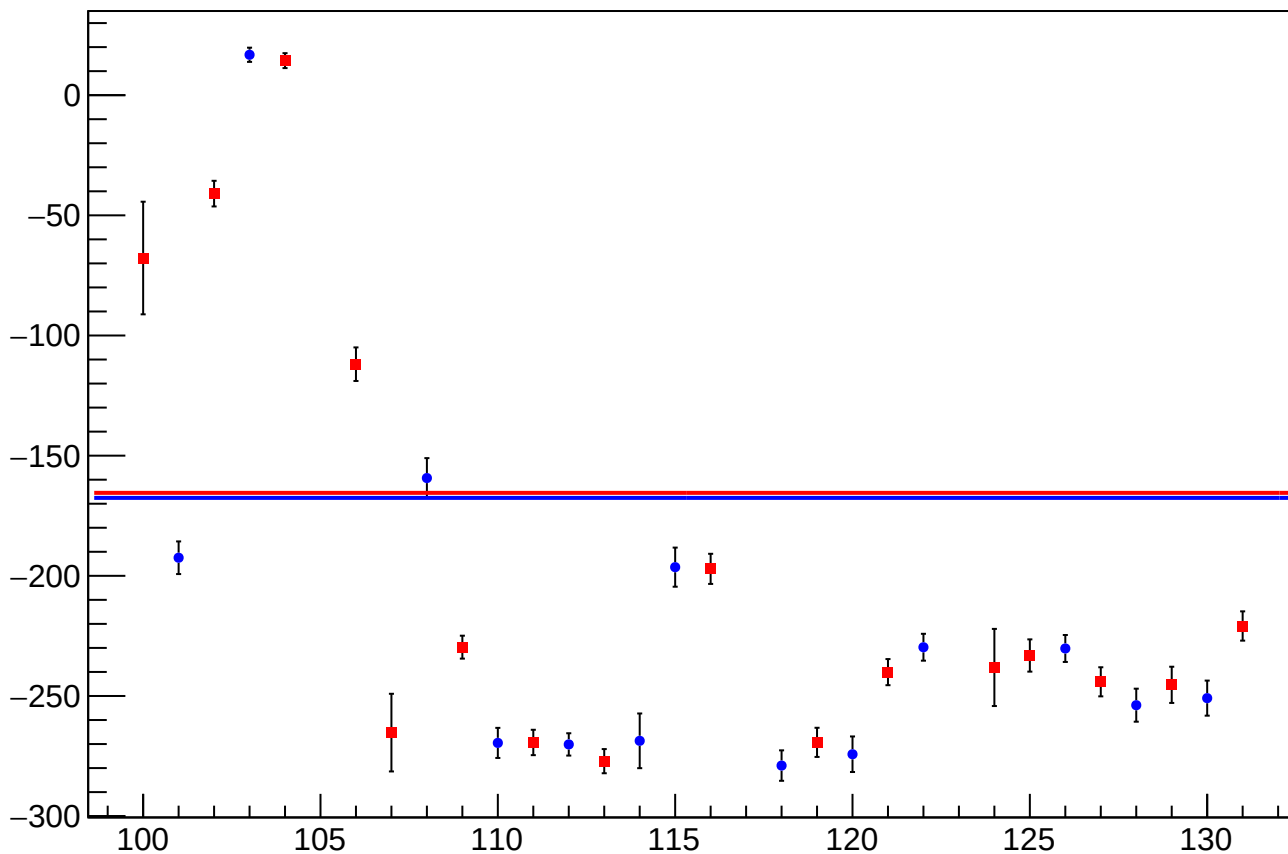
Right: -10.938+/-0.040 χ^2/NDF : 283102.7/28

In: -12.221+/-0.058 χ^2/NDF :121771.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.938+/-0.040 χ^2/NDF : 283102.7/28

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -167.568+/-1.597 χ^2/NDF : 5801.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -165.477+/-1.460 χ^2/NDF : 6070.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

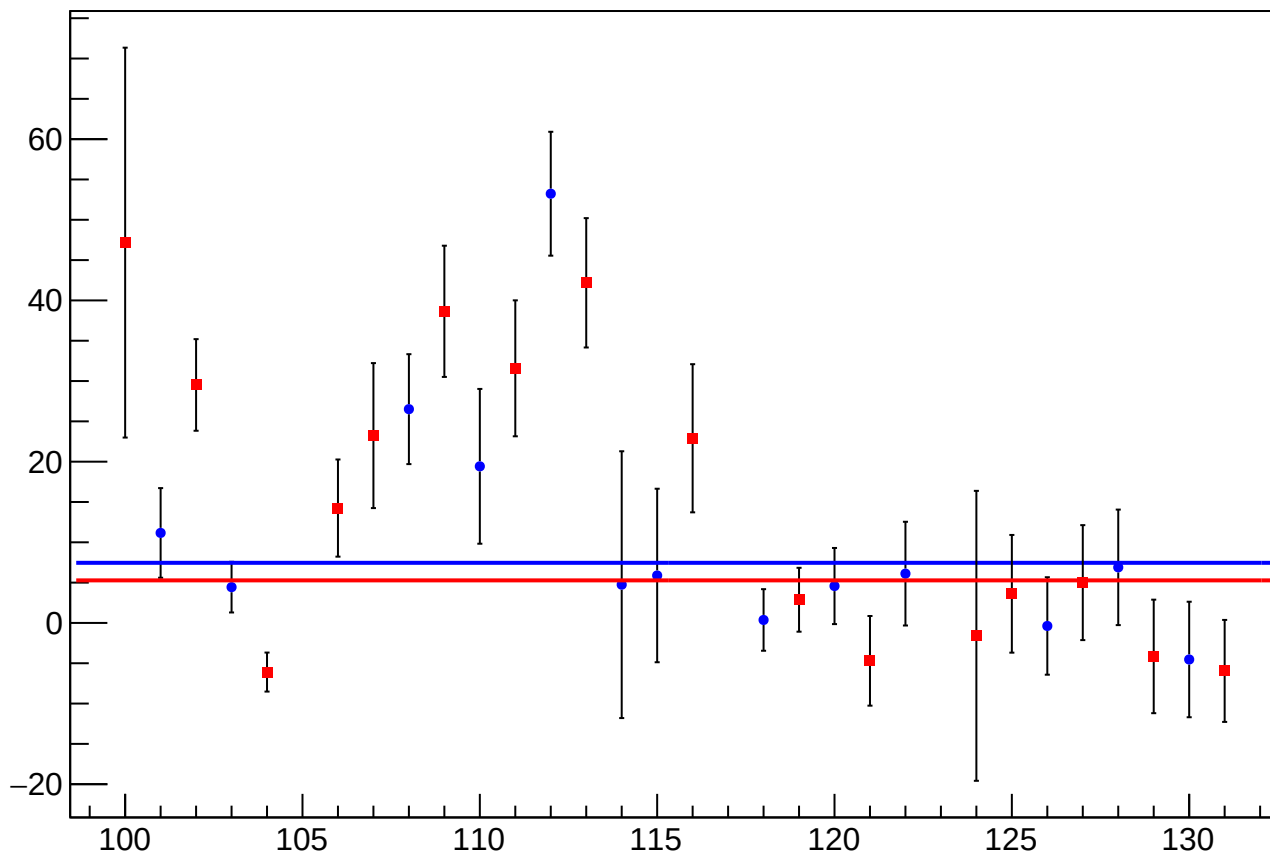
Right: -166.430+/-1.078 χ^2/NDF : 11873.1/28

In: -167.568+/-1.597 χ^2/NDF : 5801.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -166.430+/-1.078 χ^2/NDF : 11873.1/28

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.456+/-1.583 χ^2/NDF : 54.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.278+/-1.439 χ^2/NDF : 109.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

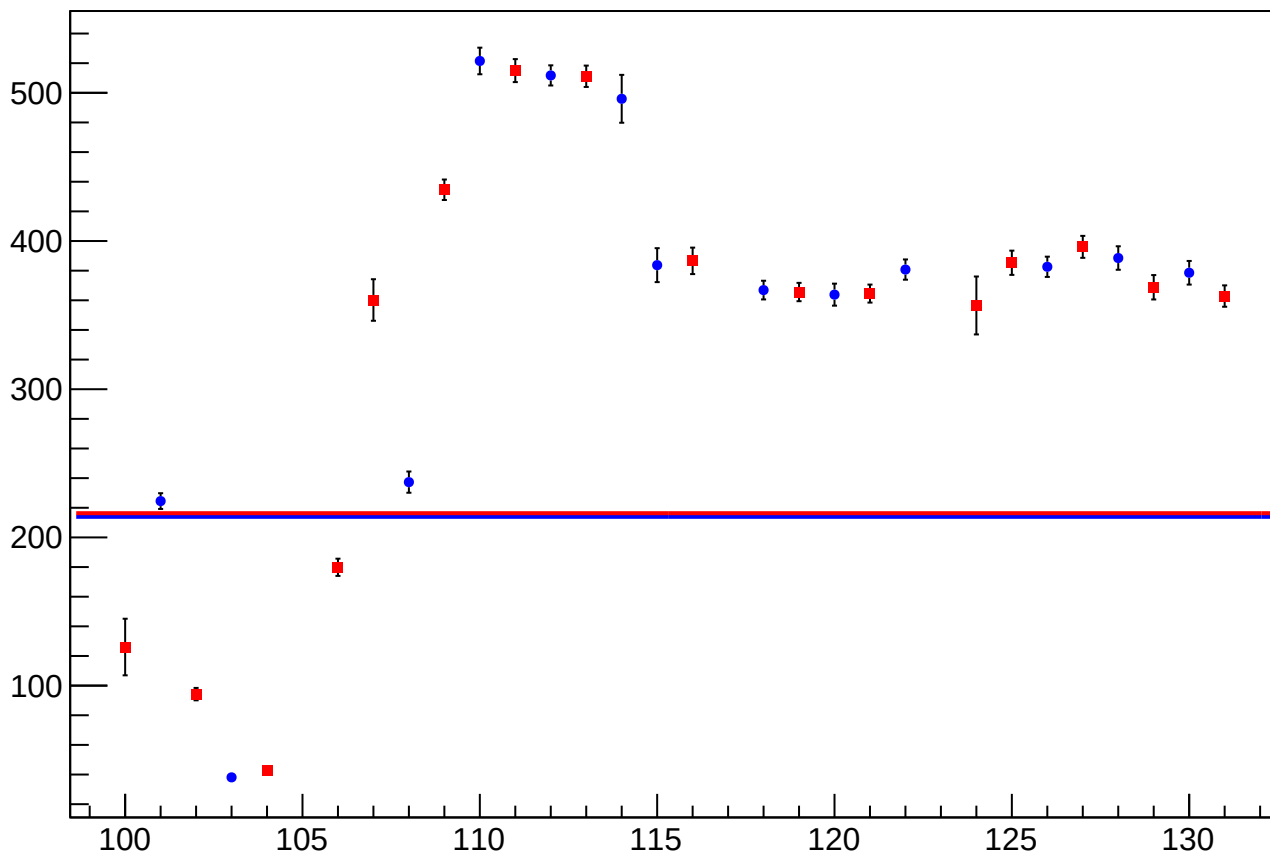
Right: 6.264+/-1.065 χ^2/NDF : 165.3/28

In: 7.456+/-1.583 χ^2/NDF : 54.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.264+/-1.065 χ^2/NDF : 165.3/28

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 213.900+/-1.574 χ^2/NDF : 12475.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.347+/-1.484 χ^2/NDF : 13552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

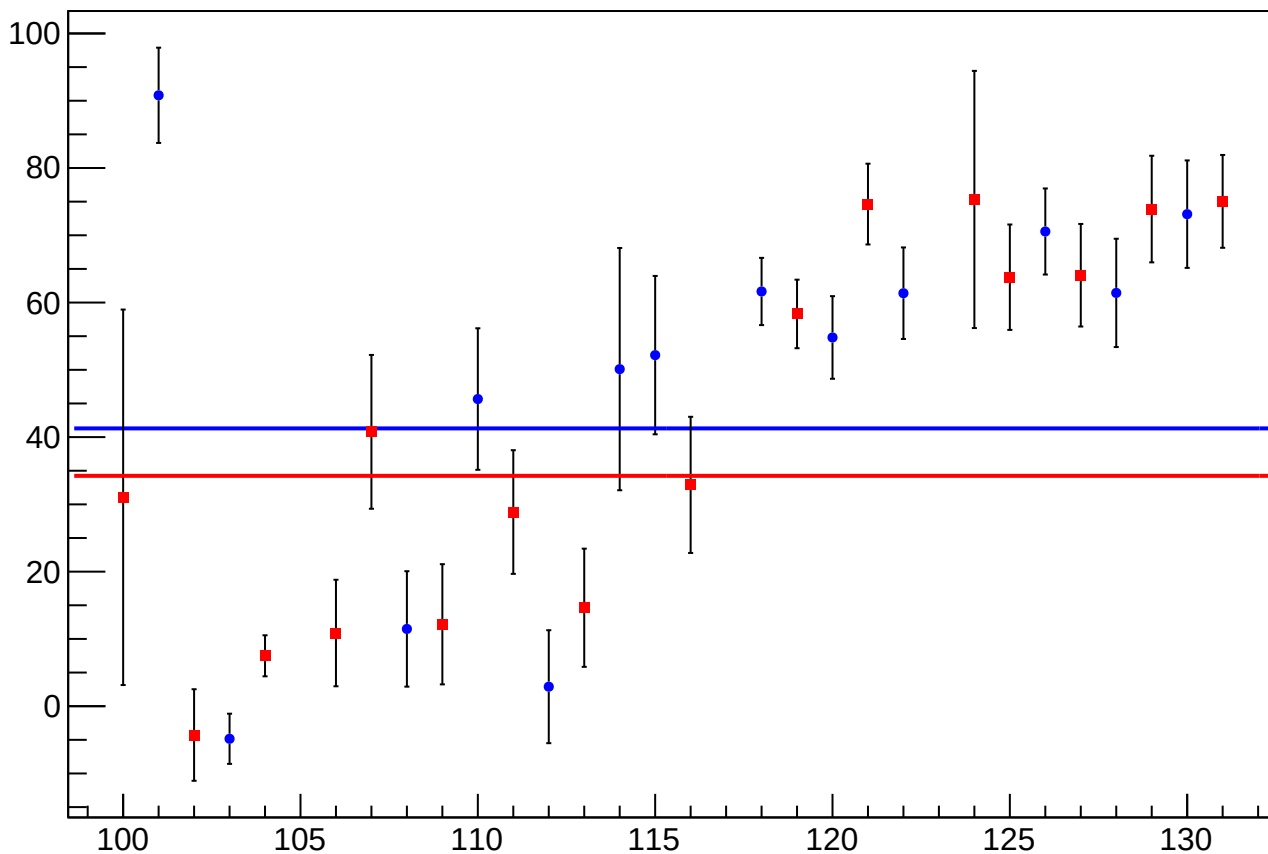
Right: 215.195+/-1.080 χ^2/NDF : 26029.3/28

In: 213.900+/-1.574 χ^2/NDF : 12475.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.195+/-1.080 χ^2/NDF : 26029.3/28

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.293+/-1.881 χ^2/NDF : 309.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.242+/-1.714 χ^2/NDF : 291.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

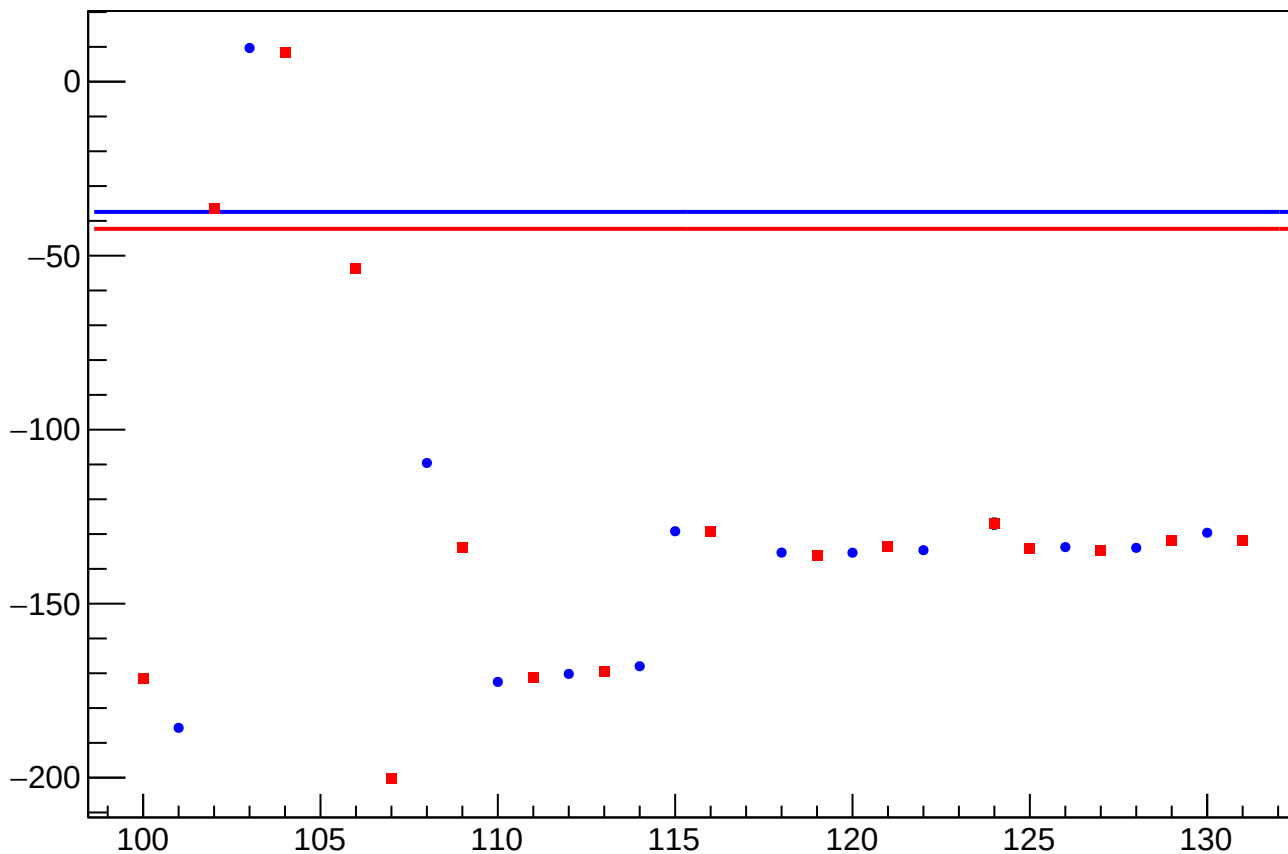
Right: 37.440+/-1.267 χ^2/NDF : 608.3/28

In: 41.293+/-1.881 χ^2/NDF : 309.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.440+/-1.267 χ^2/NDF : 608.3/28

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.416 ± 0.080 χ^2/NDF : 812252.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.290 ± 0.080 χ^2/NDF : 602305.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

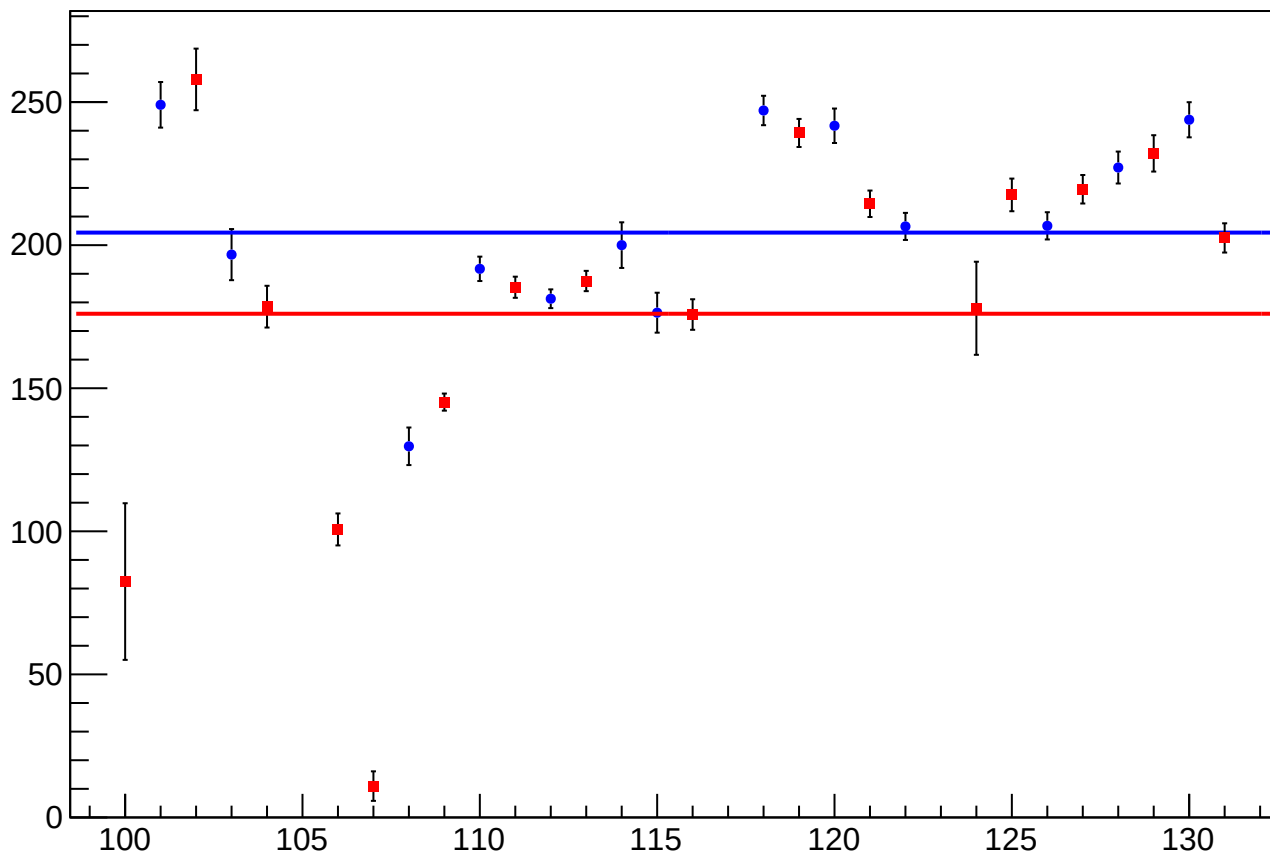
Right: -39.862 ± 0.057 χ^2/NDF : 1416410.6/28

In: -37.416 ± 0.080 χ^2/NDF : 812252.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.862 ± 0.057 χ^2/NDF : 1416410.6/28

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 204.392 $\pm$ 1.492 χ^2 /NDF: 402.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.031 $\pm$ 1.265 χ^2 /NDF: 1867.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

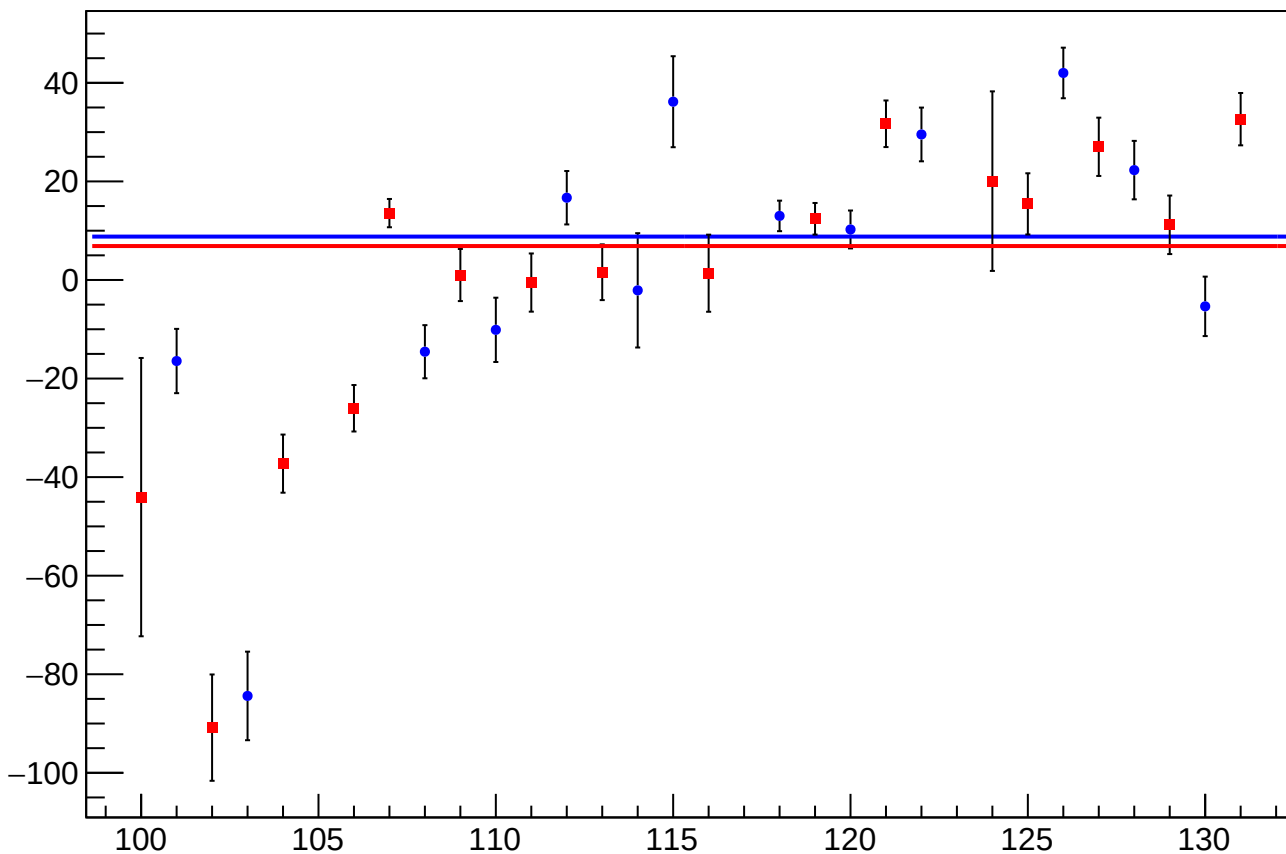
Right: 187.891 $\pm$ 0.965 χ^2 /NDF: 2480.4/28

In: 204.392 $\pm$ 1.492 χ^2 /NDF:402.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 187.891 $\pm$ 0.965 χ^2 /NDF: 2480.4/28

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.805+/-1.497 χ^2/NDF : 230.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.885+/-1.312 χ^2/NDF : 268.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

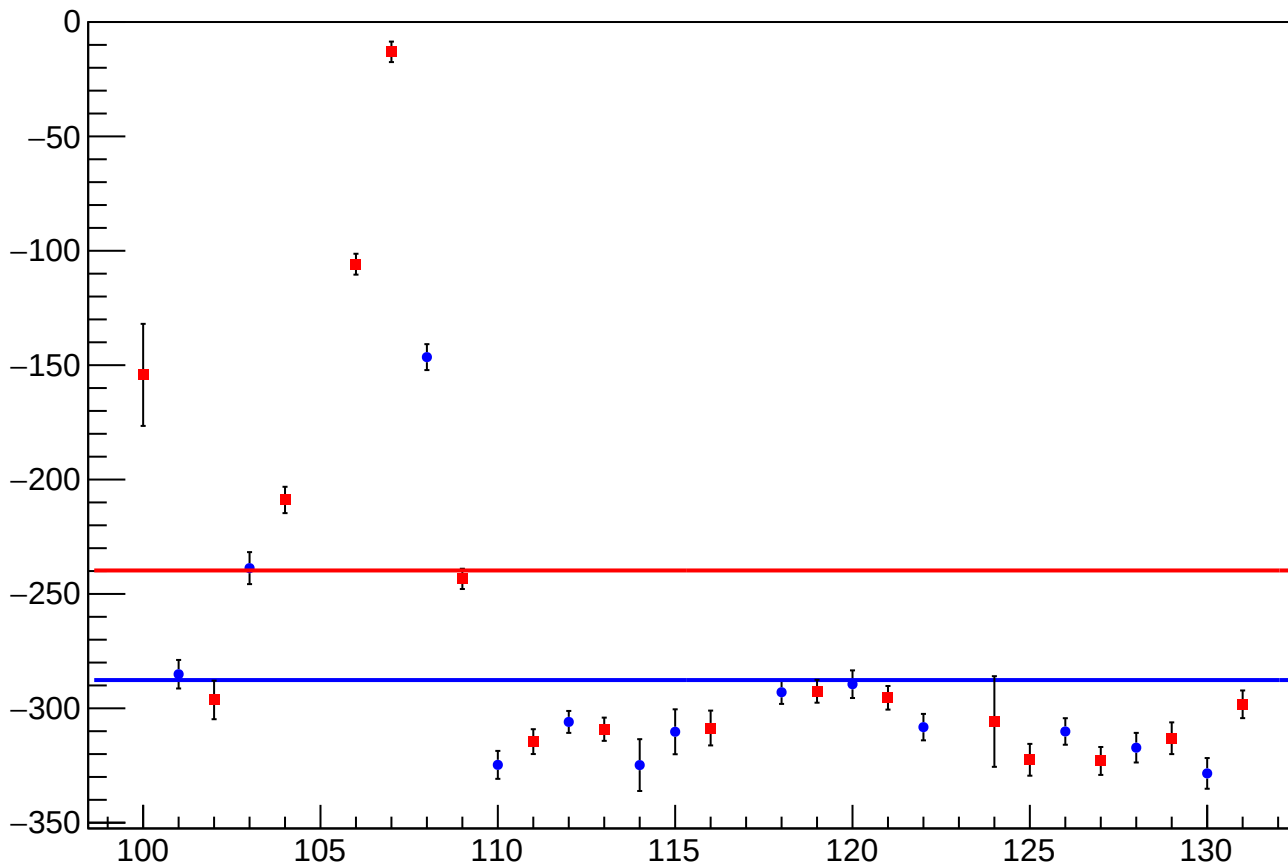
Right: 7.720+/-0.987 χ^2/NDF : 499.7/28

In: 8.805+/-1.497 χ^2/NDF : 230.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.720+/-0.987 χ^2/NDF : 499.7/28

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -287.646 ± 1.722 χ^2/NDF : 823.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -239.739 ± 1.473 χ^2/NDF : 4743.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

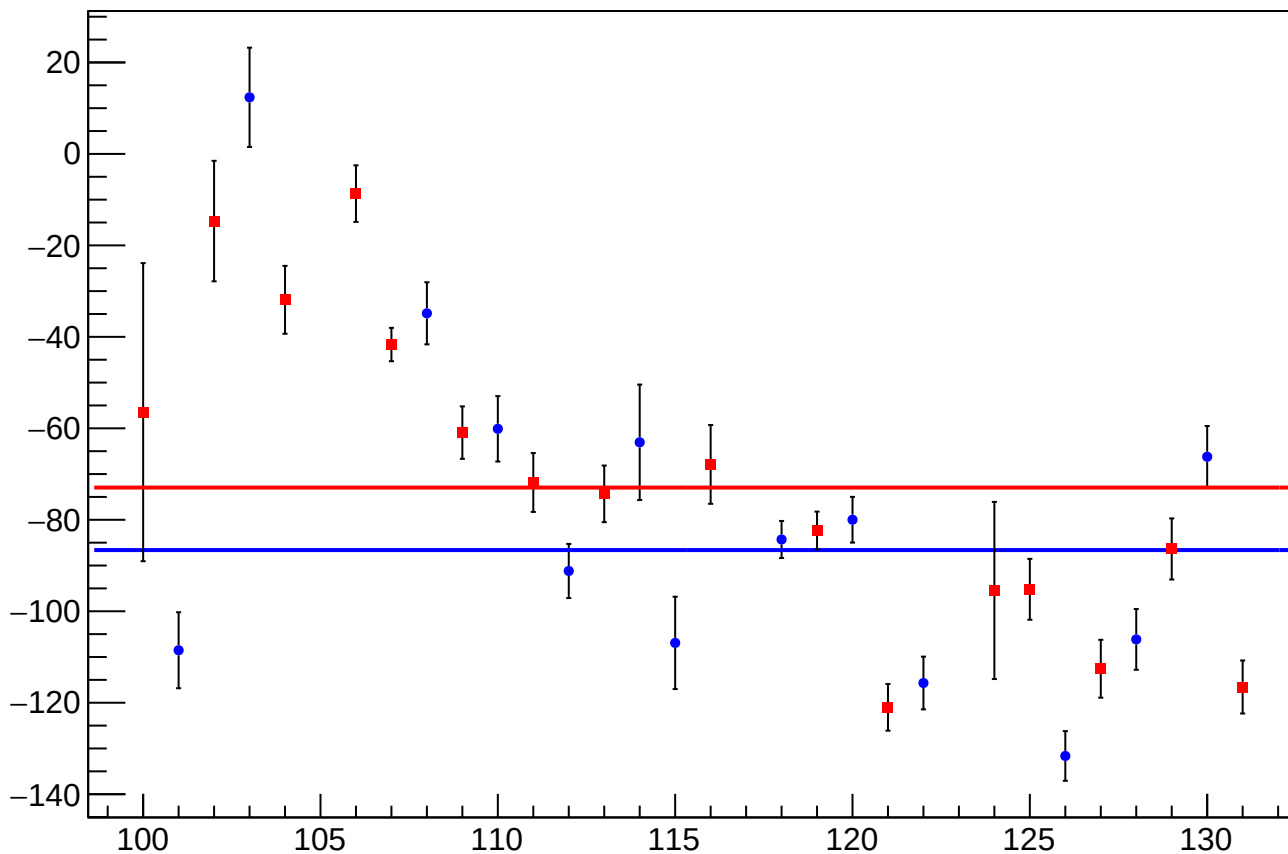
Right: -259.980 ± 1.120 χ^2/NDF : 6014.3/28

In: -287.646 ± 1.722 χ^2/NDF : 823.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.980 ± 1.120 χ^2/NDF : 6014.3/28

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.621 $\pm$ 1.772 χ^2 /NDF: 284.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.952 $\pm$ 1.543 χ^2 /NDF: 442.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

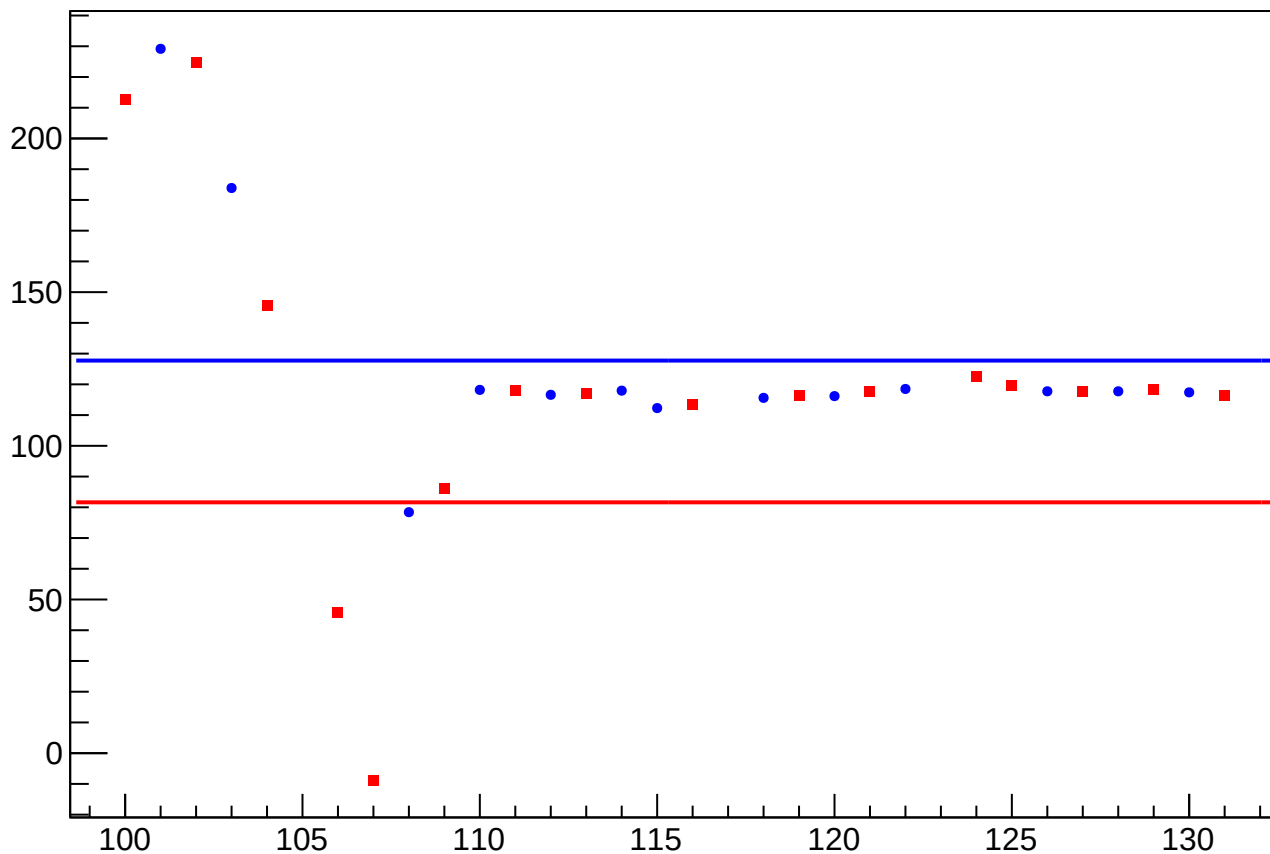
Right: -78.849 $\pm$ 1.164 χ^2 /NDF: 760.7/28

In: -86.621 $\pm$ 1.772 χ^2 /NDF:284.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -78.849 $\pm$ 1.164 χ^2 /NDF: 760.7/28

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.736+/-0.113 χ^2/NDF : 159799.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.616+/-0.090 χ^2/NDF : 542488.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

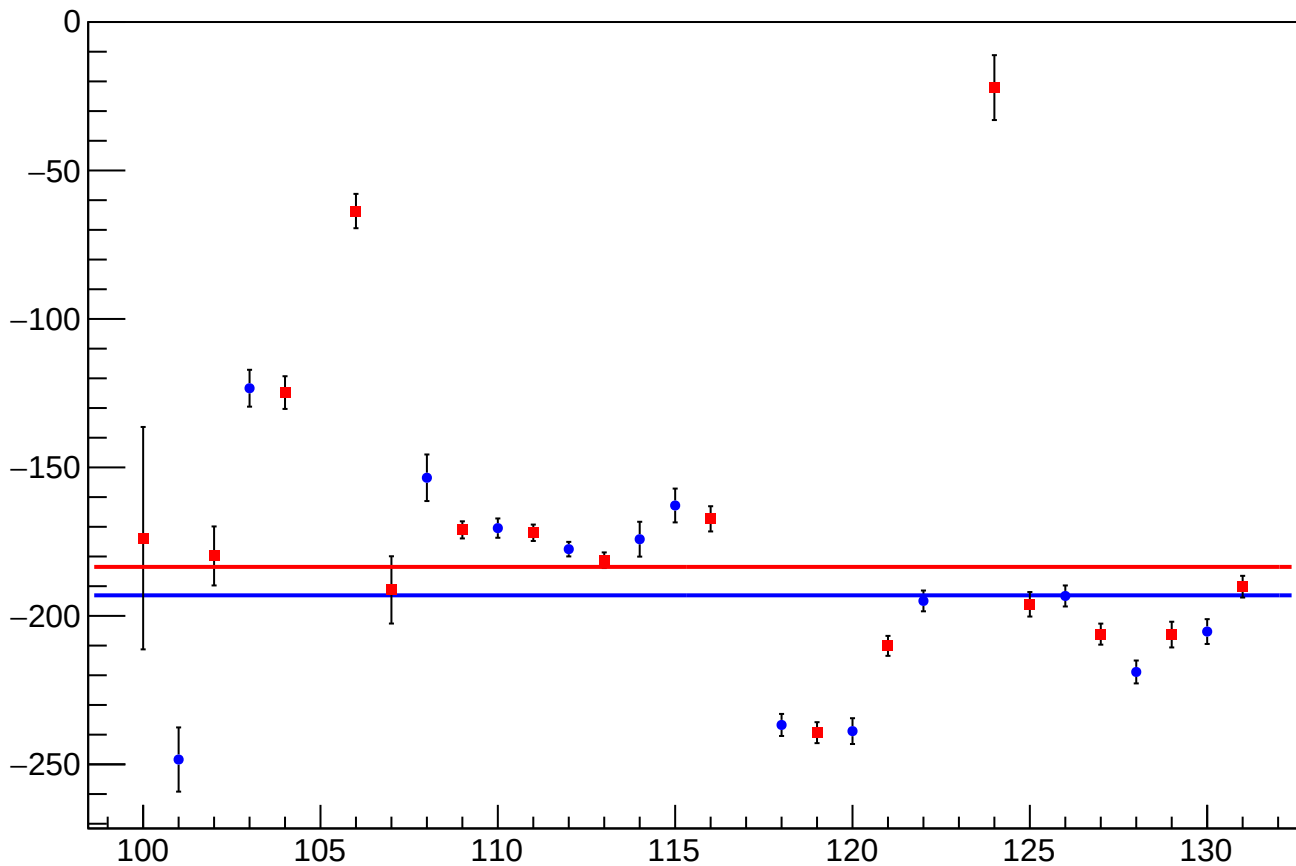
Right: 99.471+/-0.070 χ^2/NDF : 804872.0/28

In: 127.736+/-0.113 χ^2/NDF : 159799.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.471+/-0.070 χ^2/NDF : 804872.0/28

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -193.079 ± 1.130 χ^2/NDF : 607.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -183.504 ± 1.012 χ^2/NDF : 1207.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

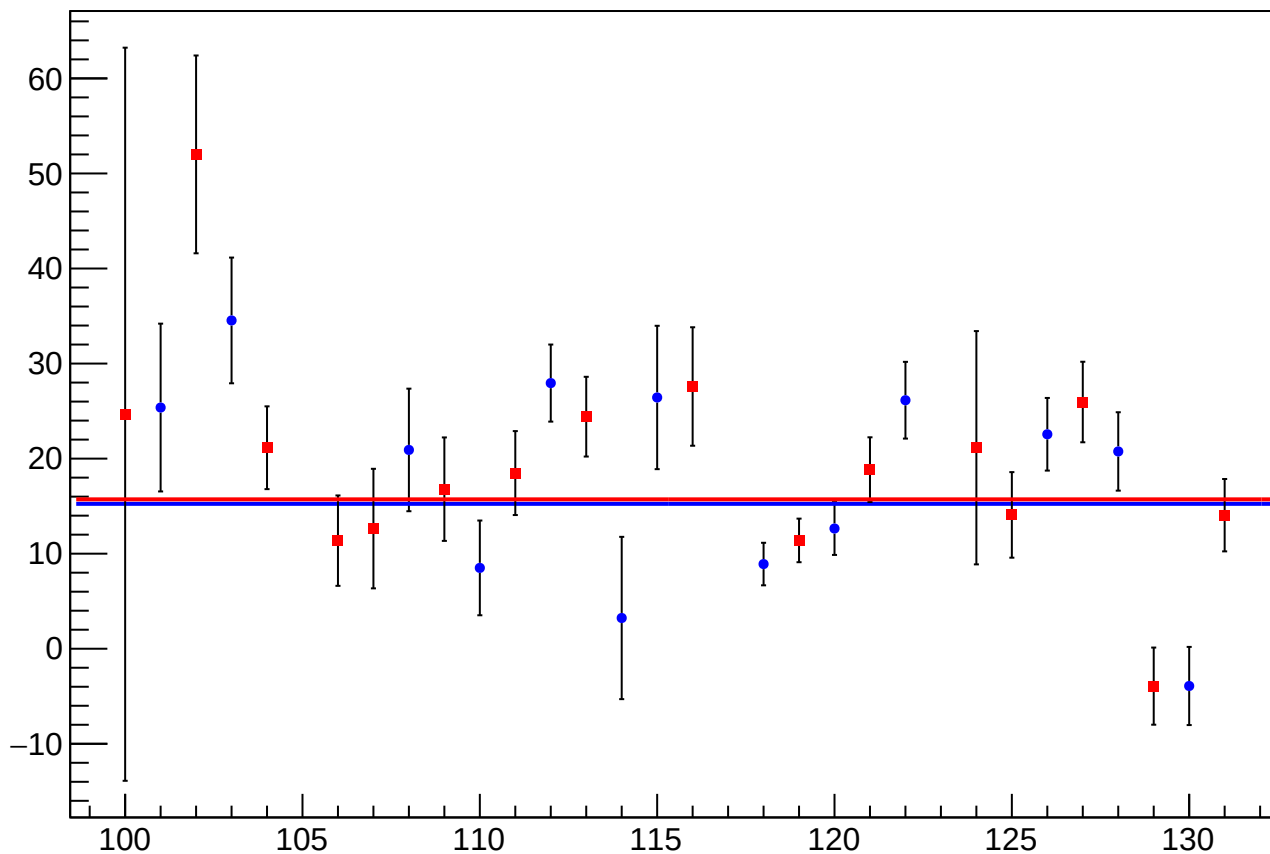
Right: -187.765 ± 0.754 χ^2/NDF : 1855.2/28

In: -193.079 ± 1.130 χ^2/NDF : 607.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -187.765 ± 0.754 χ^2/NDF : 1855.2/28

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.243+/-1.140 χ^2/NDF : 69.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.715+/-1.106 χ^2/NDF : 57.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

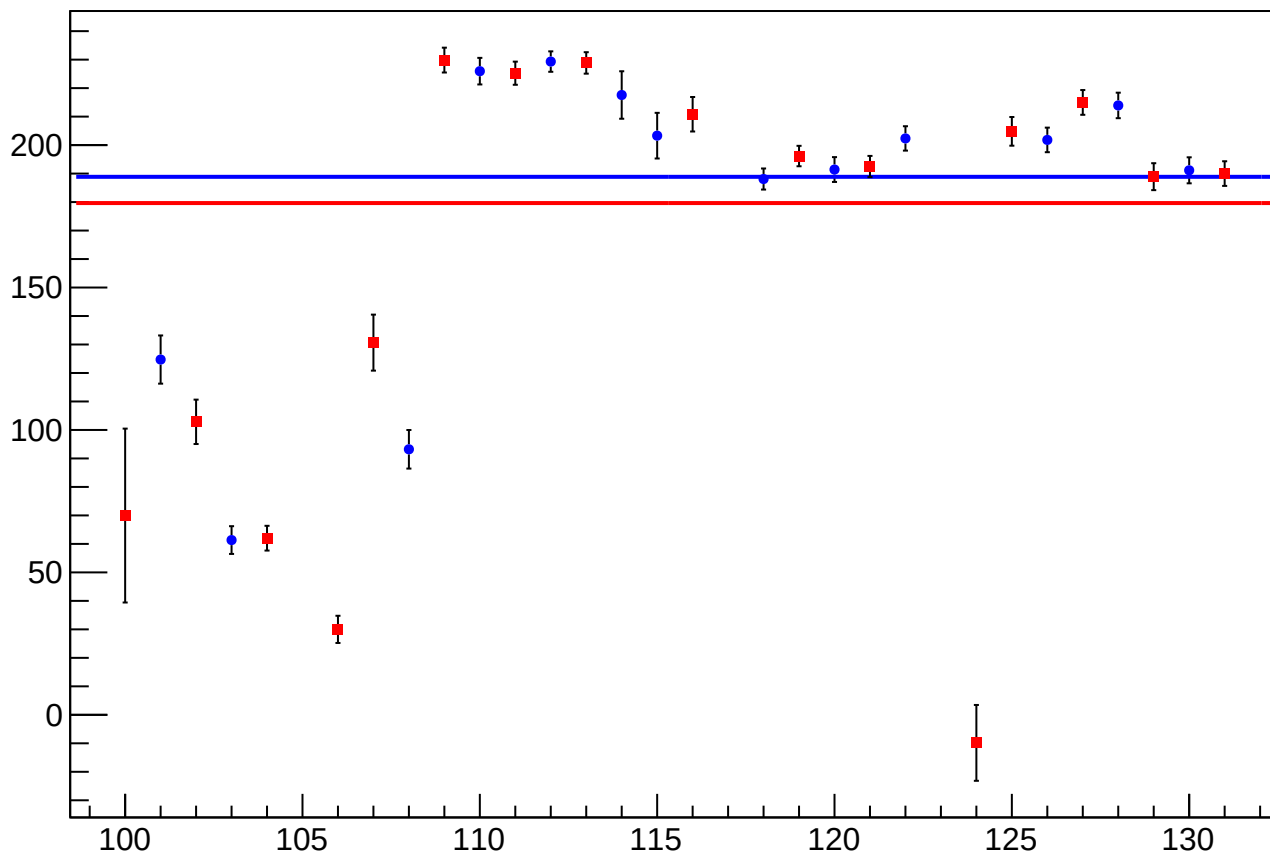
Right: 15.486+/-0.794 χ^2/NDF : 127.3/28

In: 15.243+/-1.140 χ^2/NDF : 69.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.486+/-0.794 χ^2/NDF : 127.3/28

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.864 $\pm$ 1.332 χ^2 /NDF: 1198.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.653 $\pm$ 1.211 χ^2 /NDF: 2643.6/15

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

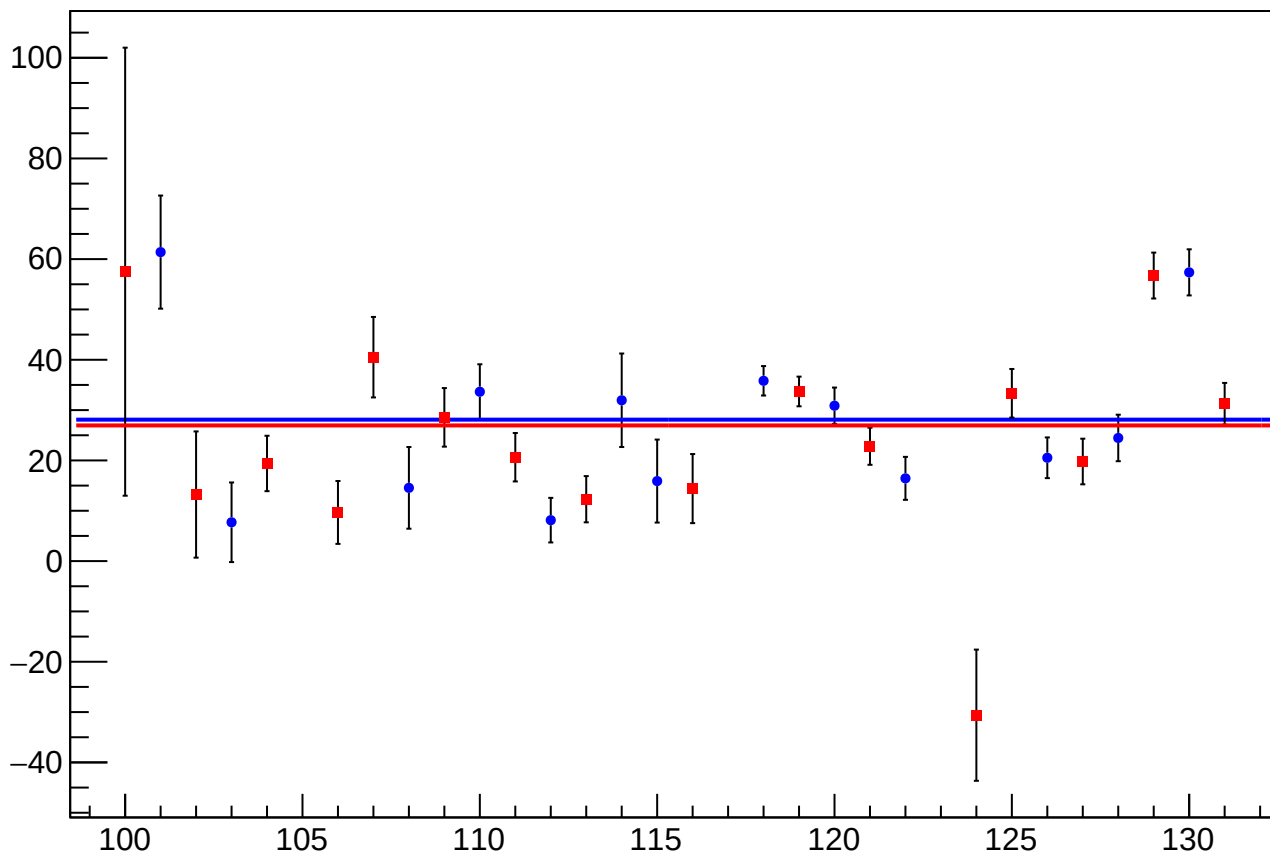
Right: 183.820 $\pm$ 0.896 χ^2 /NDF: 3868.6/28

In: 188.864 $\pm$ 1.332 χ^2 /NDF:1198.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.820 $\pm$ 0.896 χ^2 /NDF: 3868.6/28

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.103+/-1.343 χ^2/NDF : 101.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.956+/-1.275 χ^2/NDF : 103.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

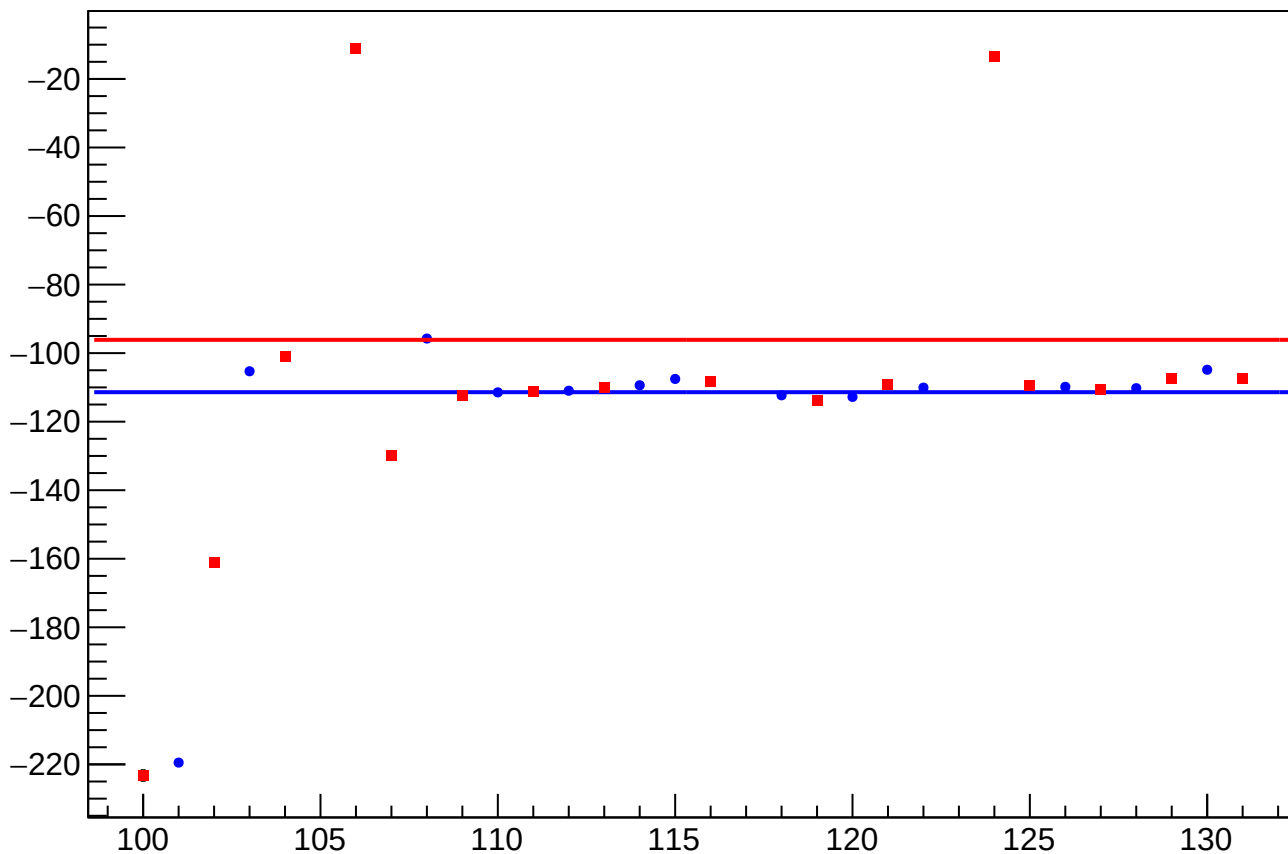
Right: 27.500+/-0.925 χ^2/NDF : 205.7/28

In: 28.103+/-1.343 χ^2/NDF : 101.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.500+/-0.925 χ^2/NDF : 205.7/28

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.397 $\pm$ 0.092 χ^2 /NDF: 50760.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -96.123 $\pm$ 0.081 χ^2 /NDF: 258441.2/15

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

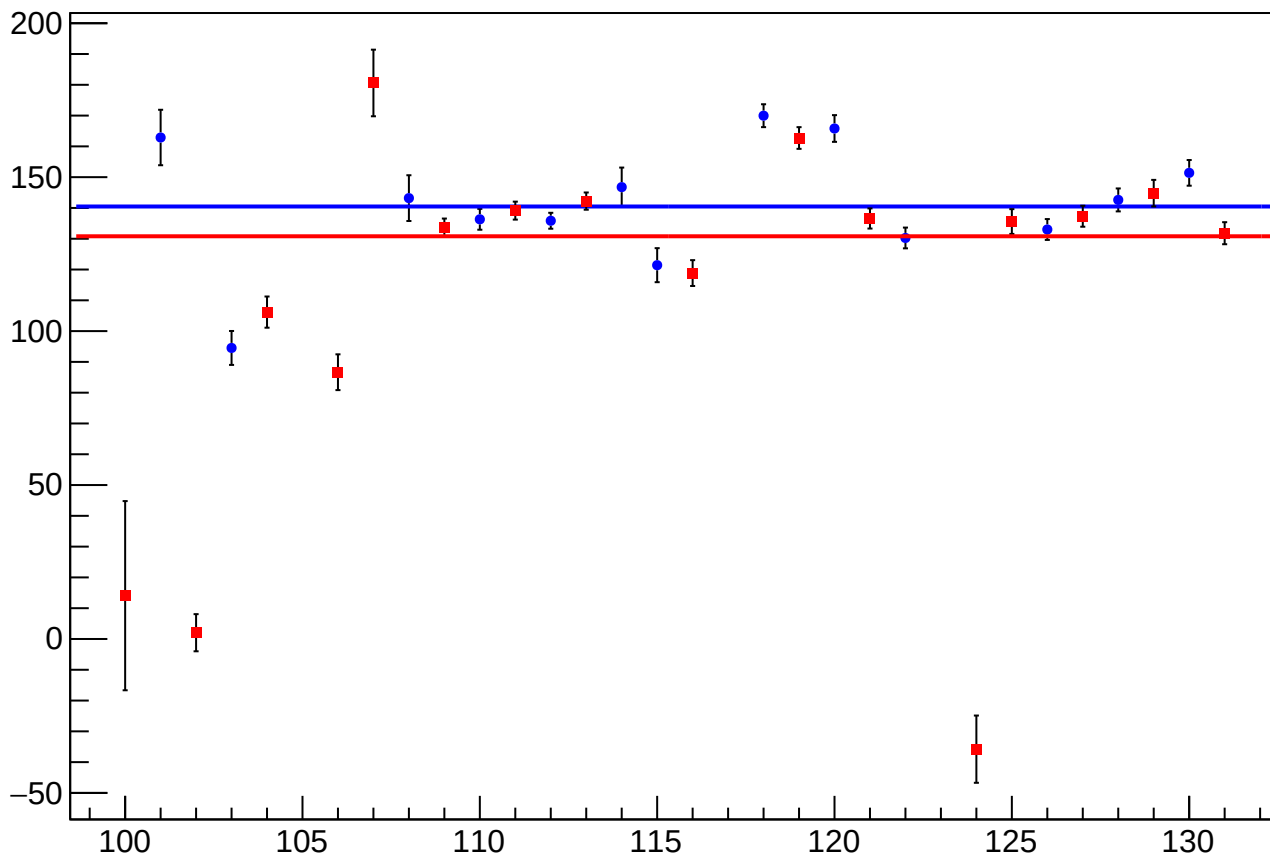
Right: -102.794 $\pm$ 0.061 χ^2 /NDF: 324785.1/28

In: -111.397 $\pm$ 0.092 χ^2 /NDF:50760.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -102.794 $\pm$ 0.061 χ^2 /NDF: 324785.1/28

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 140.474+/-1.127 χ^2/NDF : 211.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.801+/-1.005 χ^2/NDF : 940.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

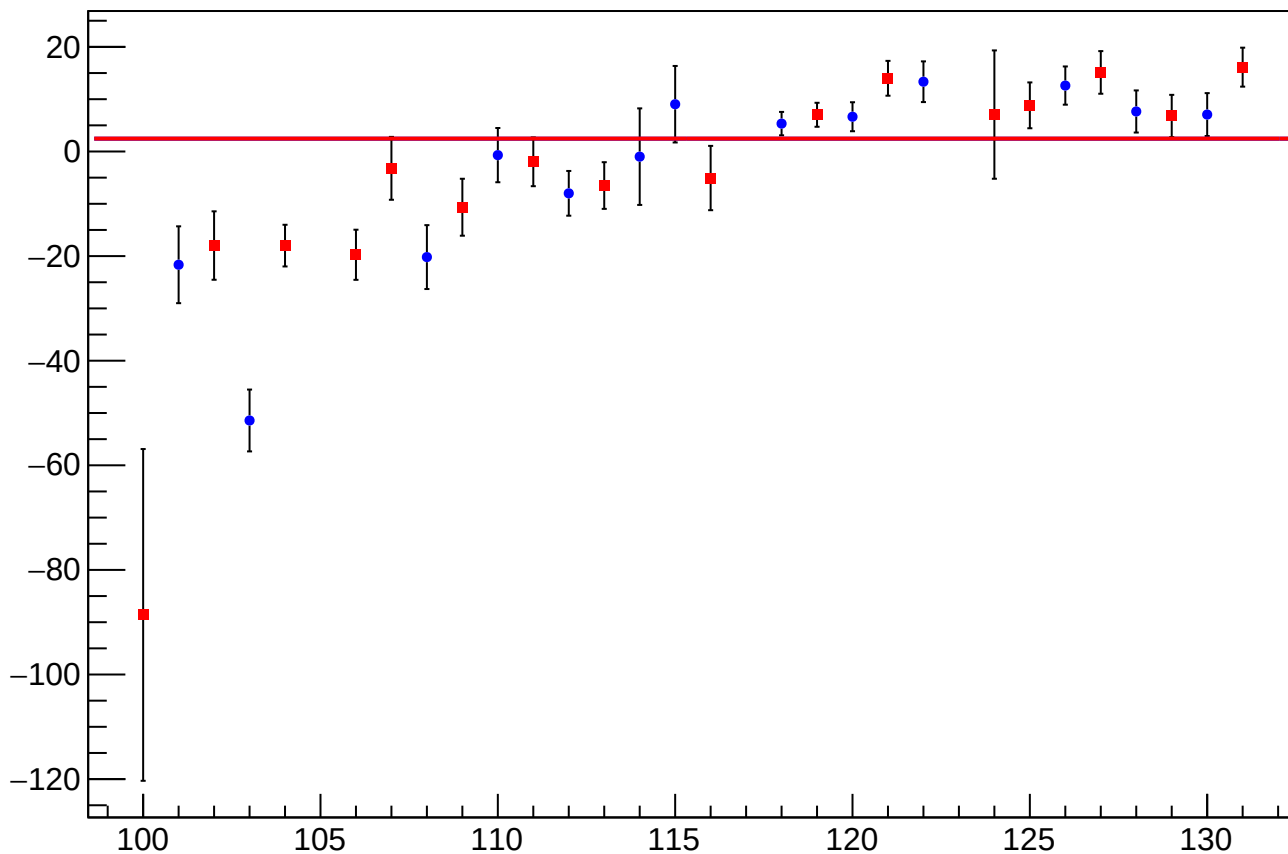
Right: 135.087+/-0.750 χ^2/NDF : 1192.8/28

In: 140.474+/-1.127 χ^2/NDF : 211.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.087+/-0.750 χ^2/NDF : 1192.8/28

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-1.127 χ^2/NDF : 137.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.466+/-1.086 χ^2/NDF : 121.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

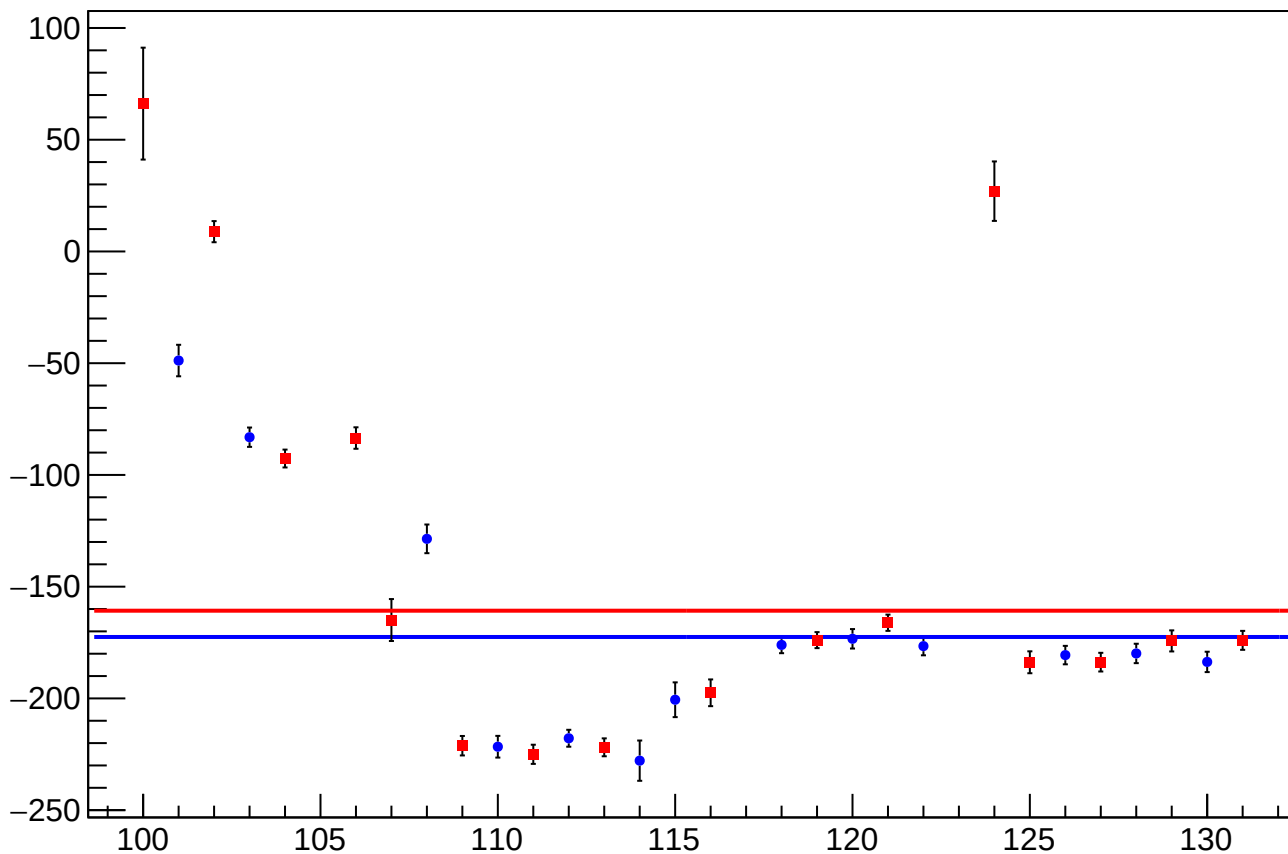
Right: 2.455+/-0.782 χ^2/NDF : 258.7/28

In: 2.444+/-1.127 χ^2/NDF : 137.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.455+/-0.782 χ^2/NDF : 258.7/28

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -172.512+/-1.309 χ^2/NDF : 1093.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -160.751+/-1.179 χ^2/NDF : 2889.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

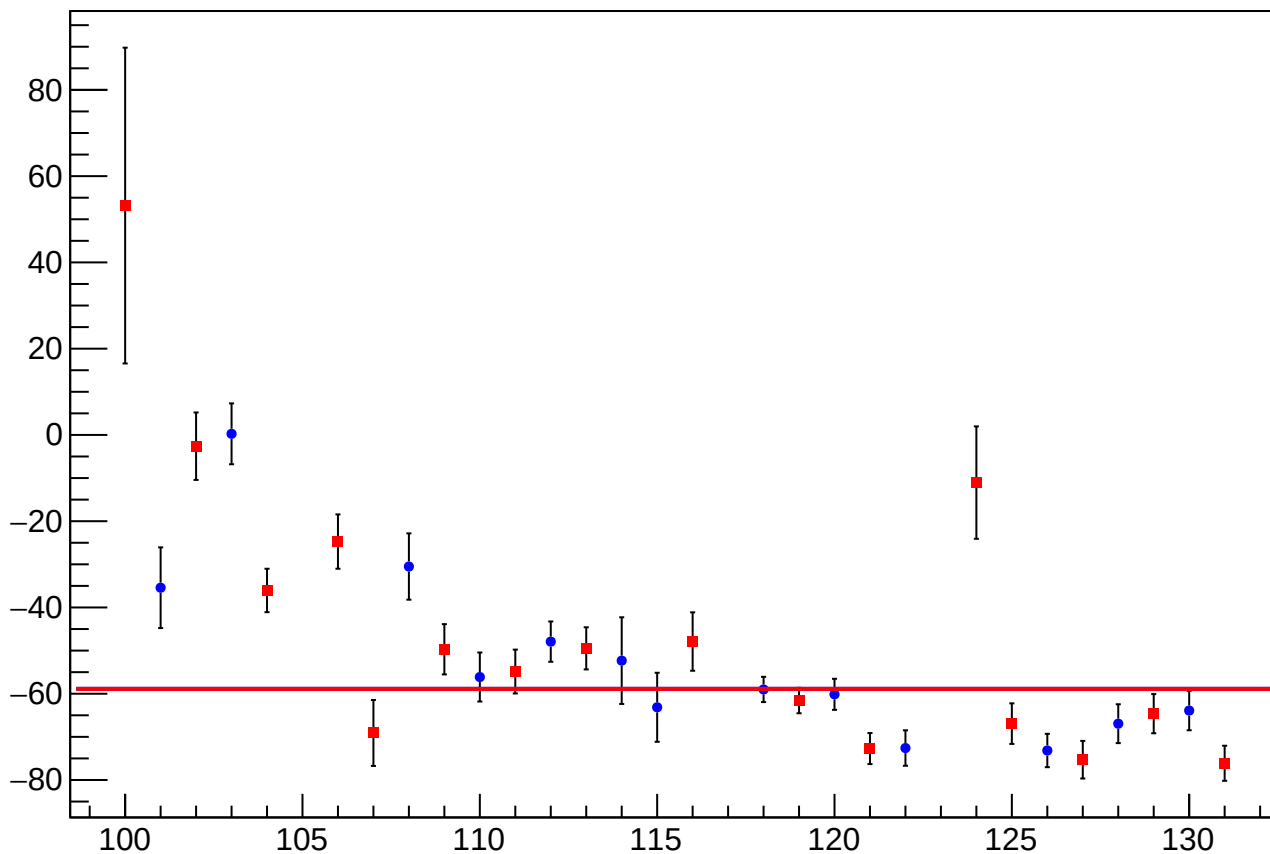
Right: -166.017+/-0.876 χ^2/NDF : 4027.7/28

In: -172.512+/-1.309 χ^2/NDF :1093.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -166.017+/-0.876 χ^2/NDF : 4027.7/28

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.870+/-1.327 χ^2/NDF : 125.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.872+/-1.254 χ^2/NDF : 188.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

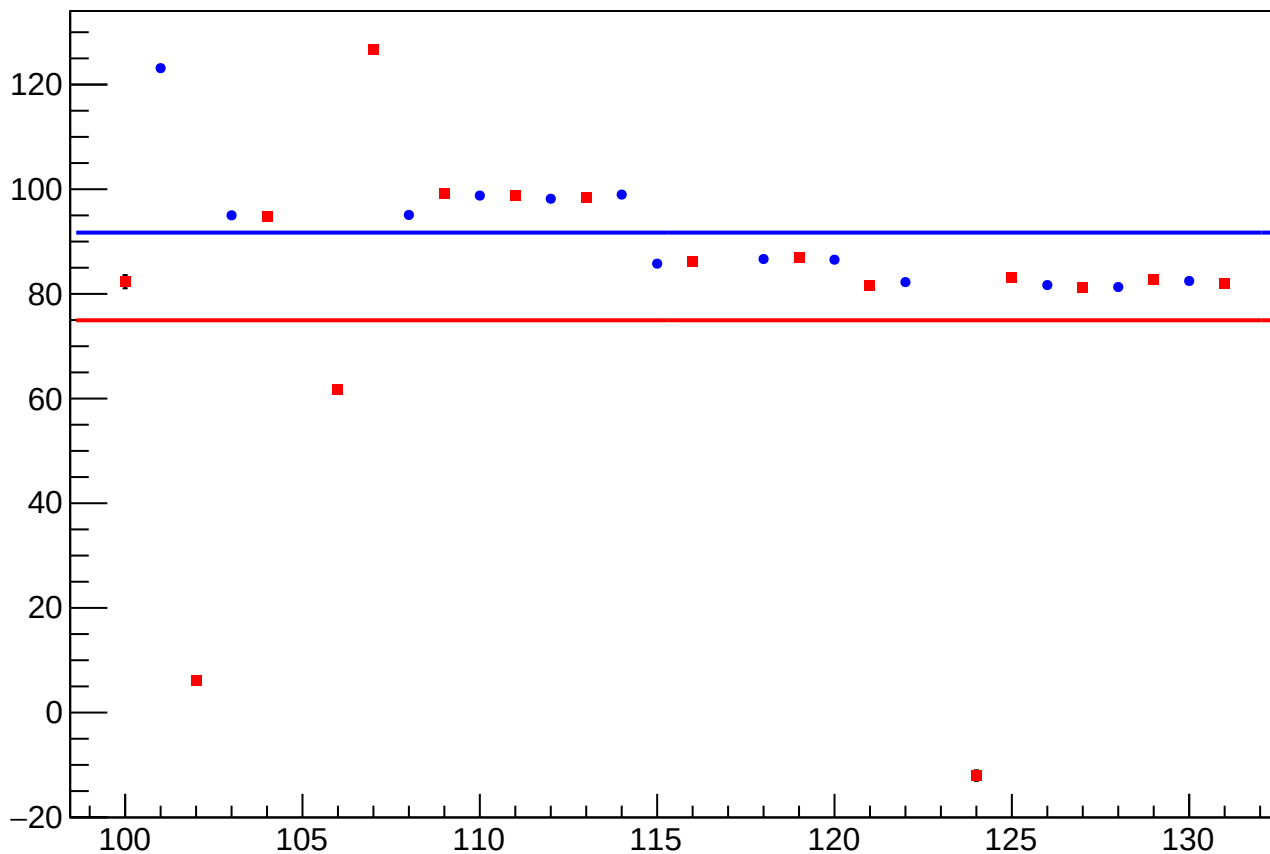
Right: -58.871+/-0.912 χ^2/NDF : 314.0/28

In: -58.870+/-1.327 χ^2/NDF : 125.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.871+/-0.912 χ^2/NDF : 314.0/28

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 91.710 $\pm$ 0.088 χ^2 /NDF: 11021.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.958 $\pm$ 0.076 χ^2 /NDF: 177968.5/15

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

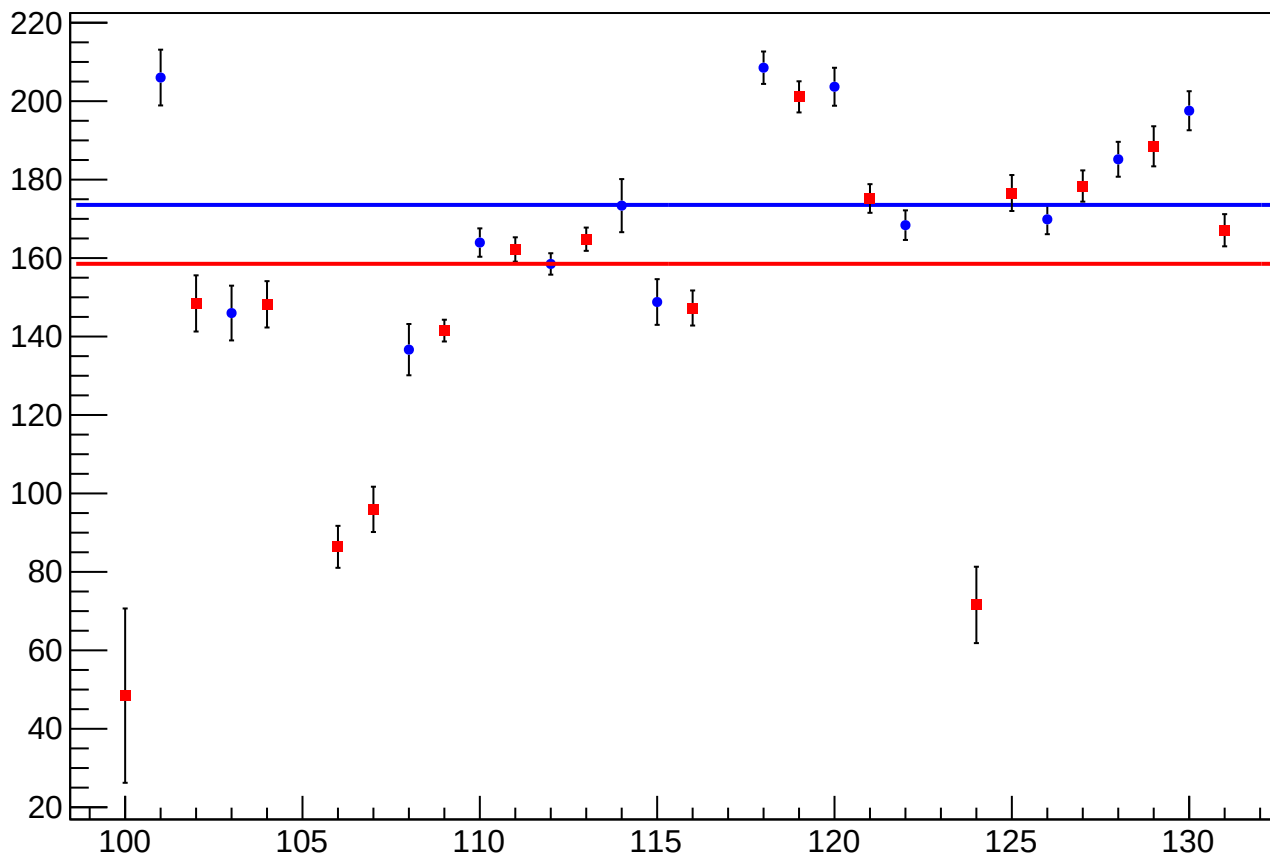
Right: 82.092 $\pm$ 0.058 χ^2 /NDF: 209682.5/28

In: 91.710 $\pm$ 0.088 χ^2 /NDF:11021.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.092 $\pm$ 0.058 χ^2 /NDF: 209682.5/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.556 $\pm$ 1.233 χ^2 /NDF: 267.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.538 $\pm$ 1.072 χ^2 /NDF: 673.4/15

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

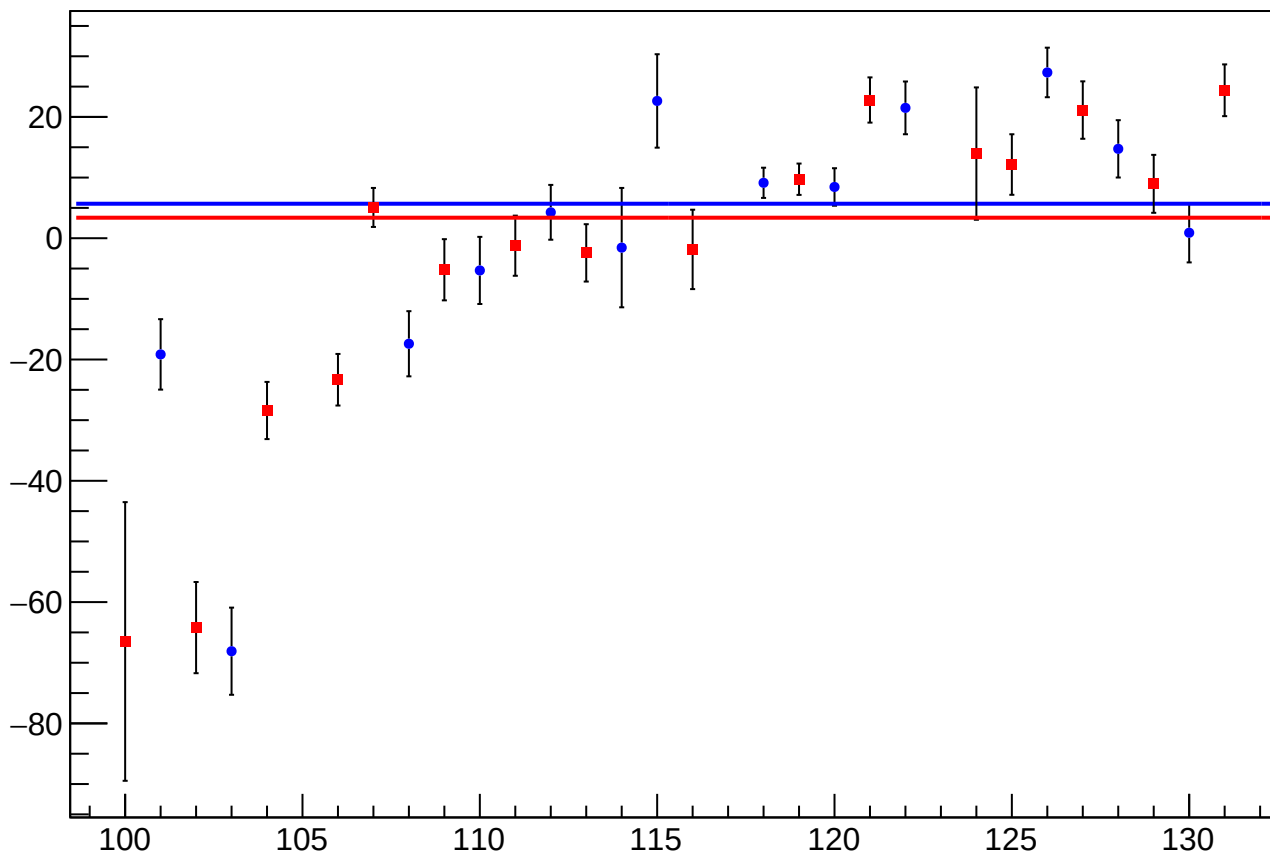
Right: 165.003 $\pm$ 0.809 χ^2 /NDF: 1025.0/28

In: 173.556 $\pm$ 1.233 χ^2 /NDF:267.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.003 $\pm$ 0.809 χ^2 /NDF: 1025.0/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

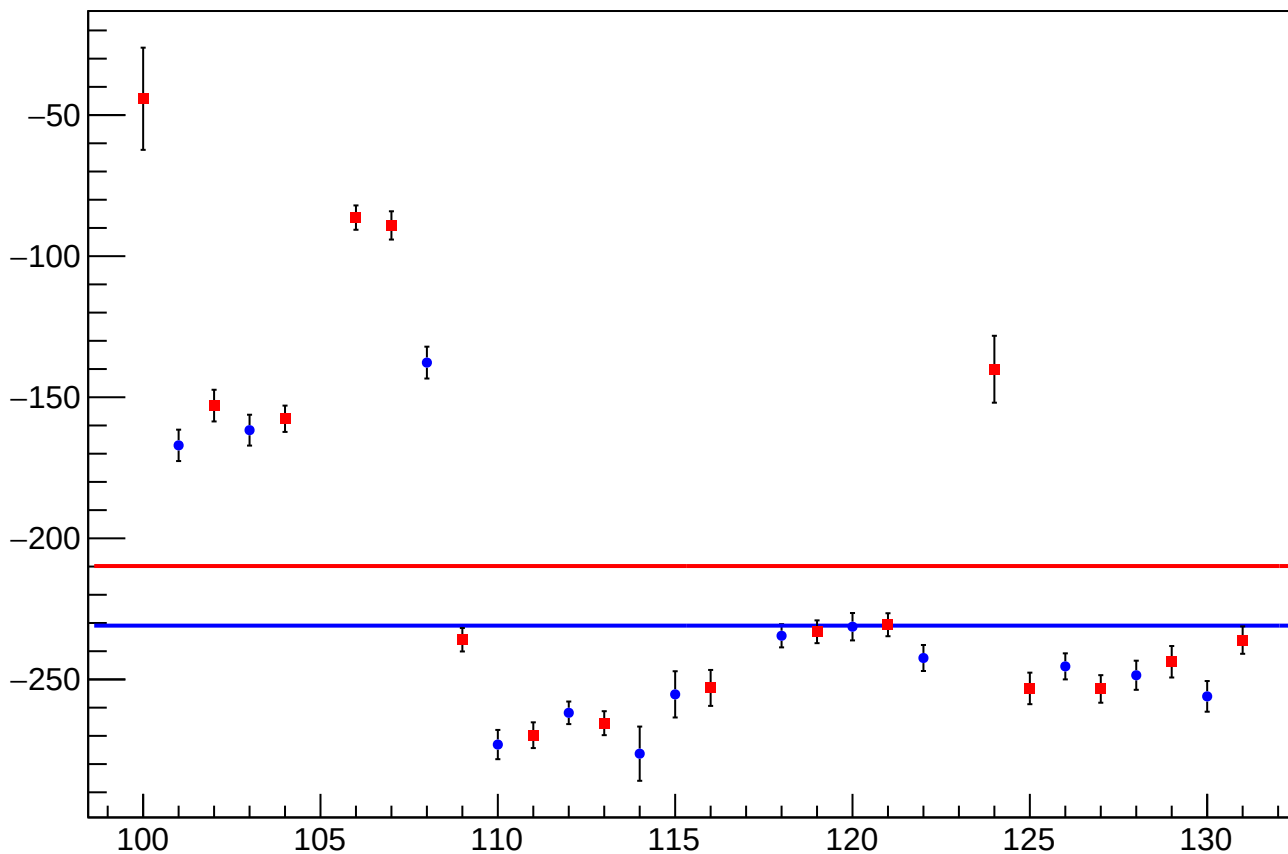
Right: 4.438+/-0.835 χ^2/NDF : 460.1/28

In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.438+/-0.835 χ^2/NDF : 460.1/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.933 ± 1.429 χ^2/NDF : 771.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -209.814 ± 1.252 χ^2/NDF : 2441.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

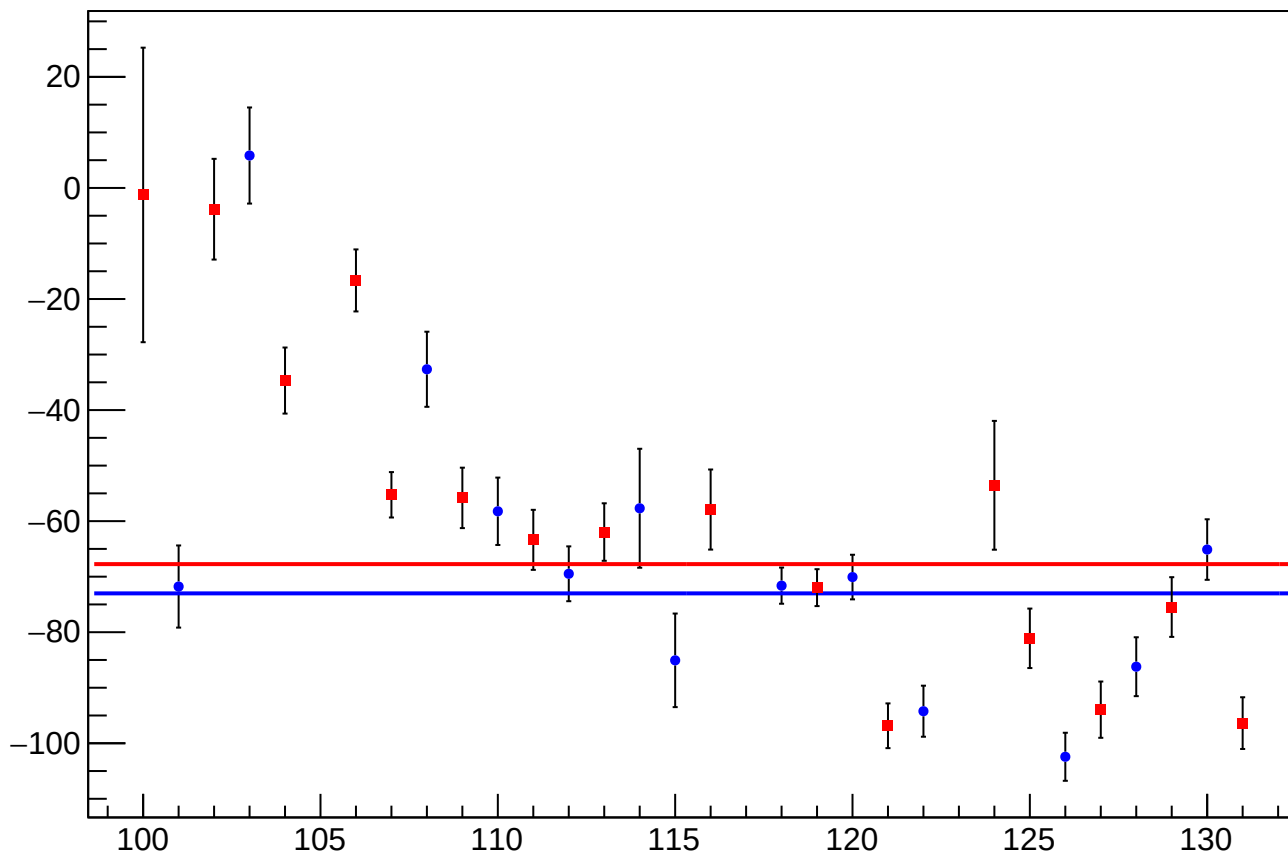
Right: -218.985 ± 0.942 χ^2/NDF : 3336.1/28

In: -230.933 ± 1.429 χ^2/NDF : 771.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -218.985 ± 0.942 χ^2/NDF : 3336.1/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.739 $\pm$ 1.322 χ^2 /NDF: 316.6/15

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

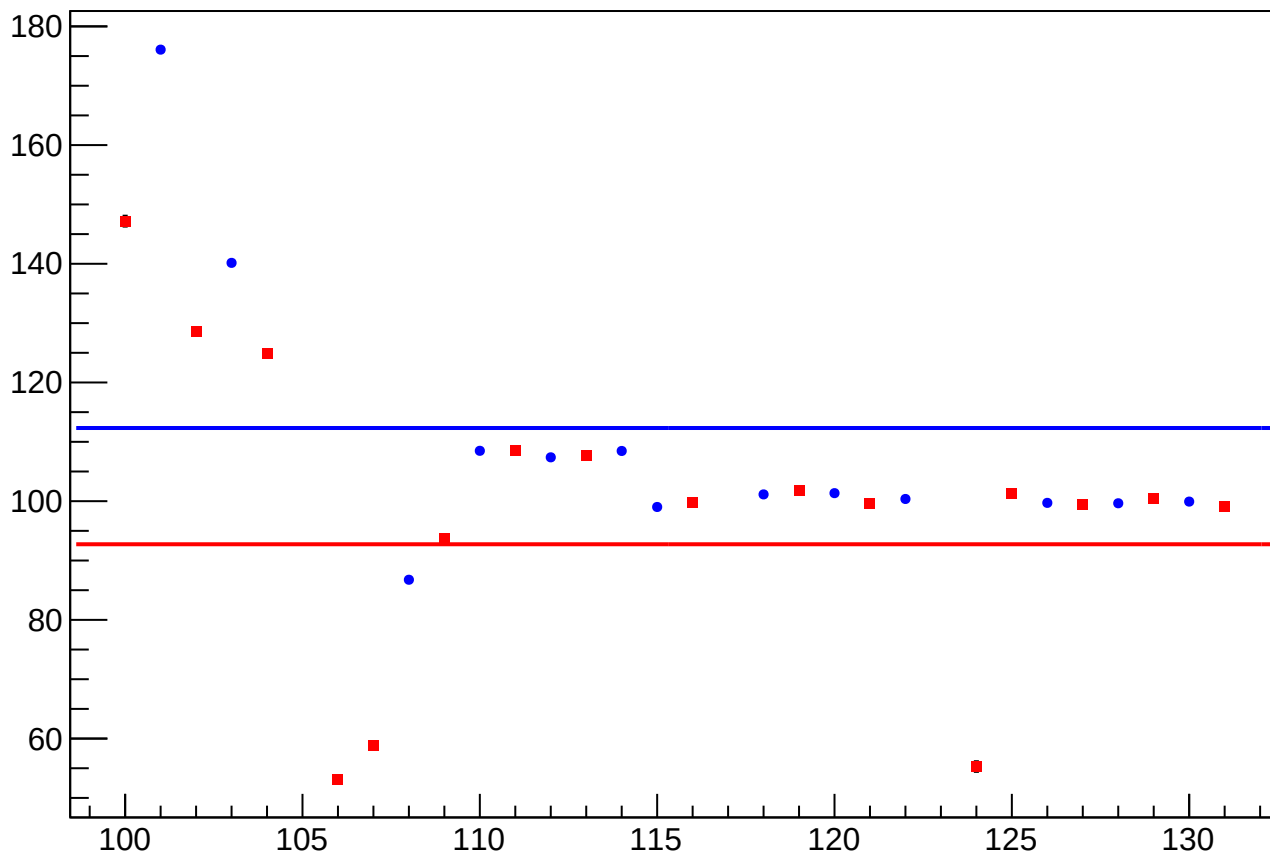
Right: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

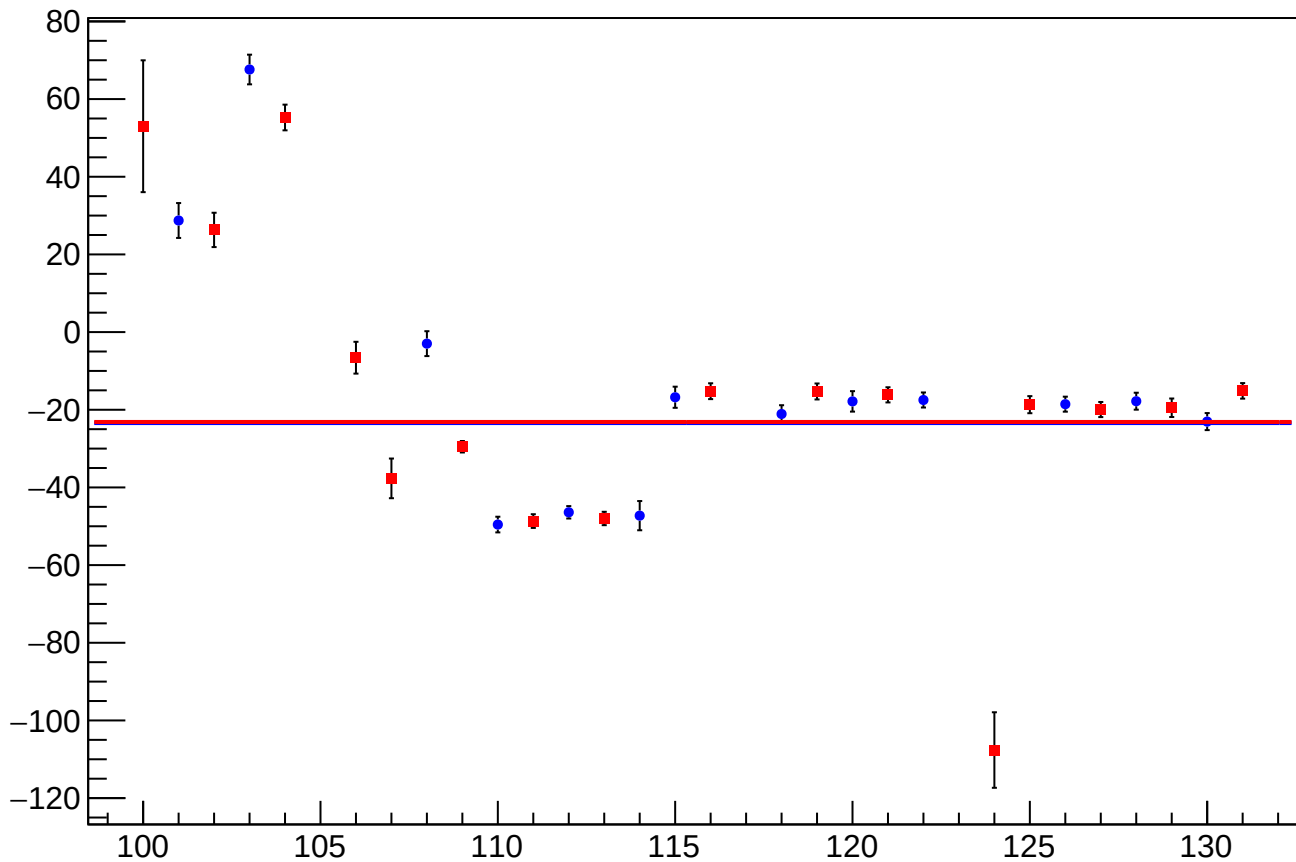
Right: 100.577+/-0.060 χ^2/NDF : 219113.6/28

In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.577+/-0.060 χ^2/NDF : 219113.6/28

reg_asym_atl_dd_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.426 $\pm$ 0.652 χ^2 /NDF: 1192.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.140 $\pm$ 0.577 χ^2 /NDF: 1310.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

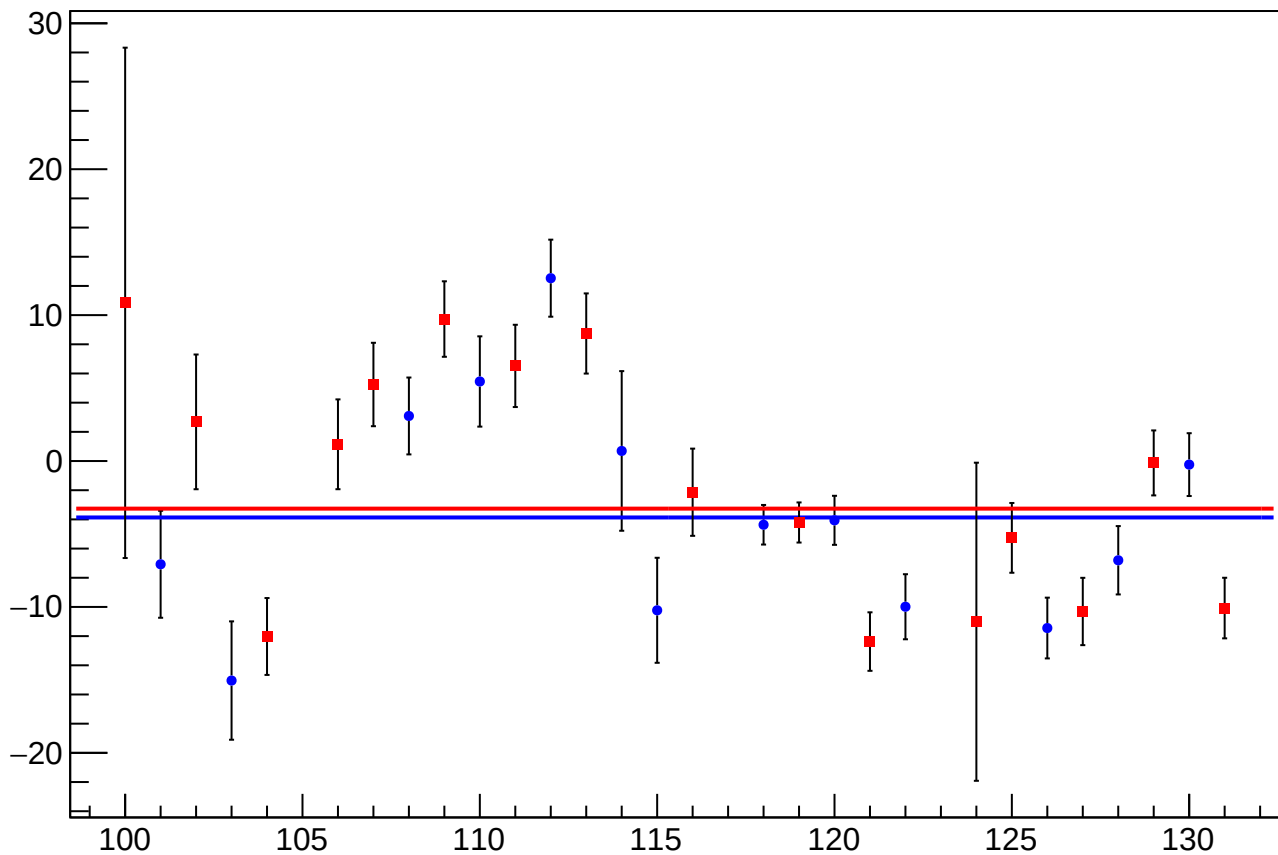
Right: -23.265 $\pm$ 0.432 χ^2 /NDF: 2503.2/28

In: -23.426 $\pm$ 0.652 χ^2 /NDF:1192.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.265 $\pm$ 0.432 χ^2 /NDF: 2503.2/28

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.868+/-0.650 χ^2/NDF : 92.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.262+/-0.629 χ^2/NDF : 125.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

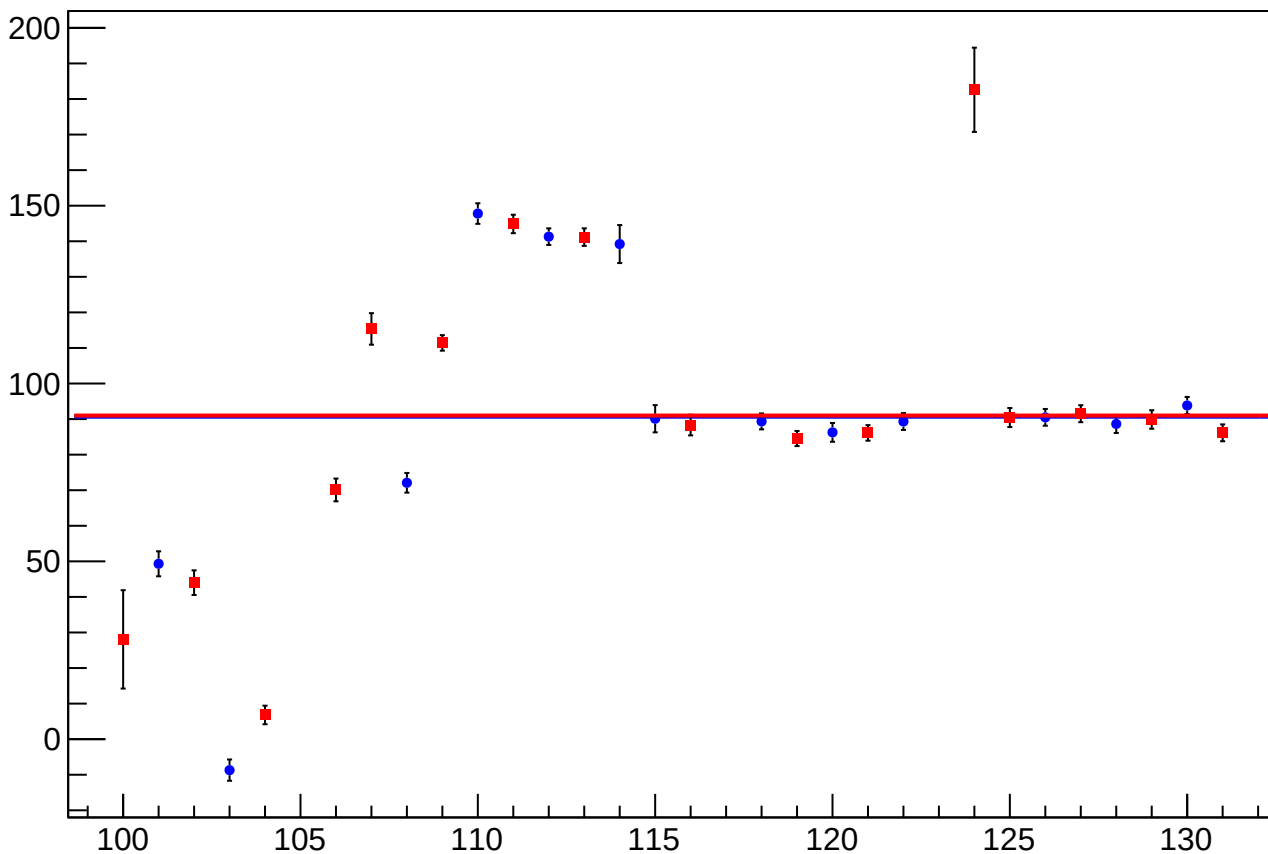
Right: -3.555+/-0.452 χ^2/NDF : 217.8/28

In: -3.868+/-0.650 χ^2/NDF : 92.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.555+/-0.452 χ^2/NDF : 217.8/28

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.672+/-0.754 χ^2/NDF : 2231.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.995+/-0.689 χ^2/NDF : 2329.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

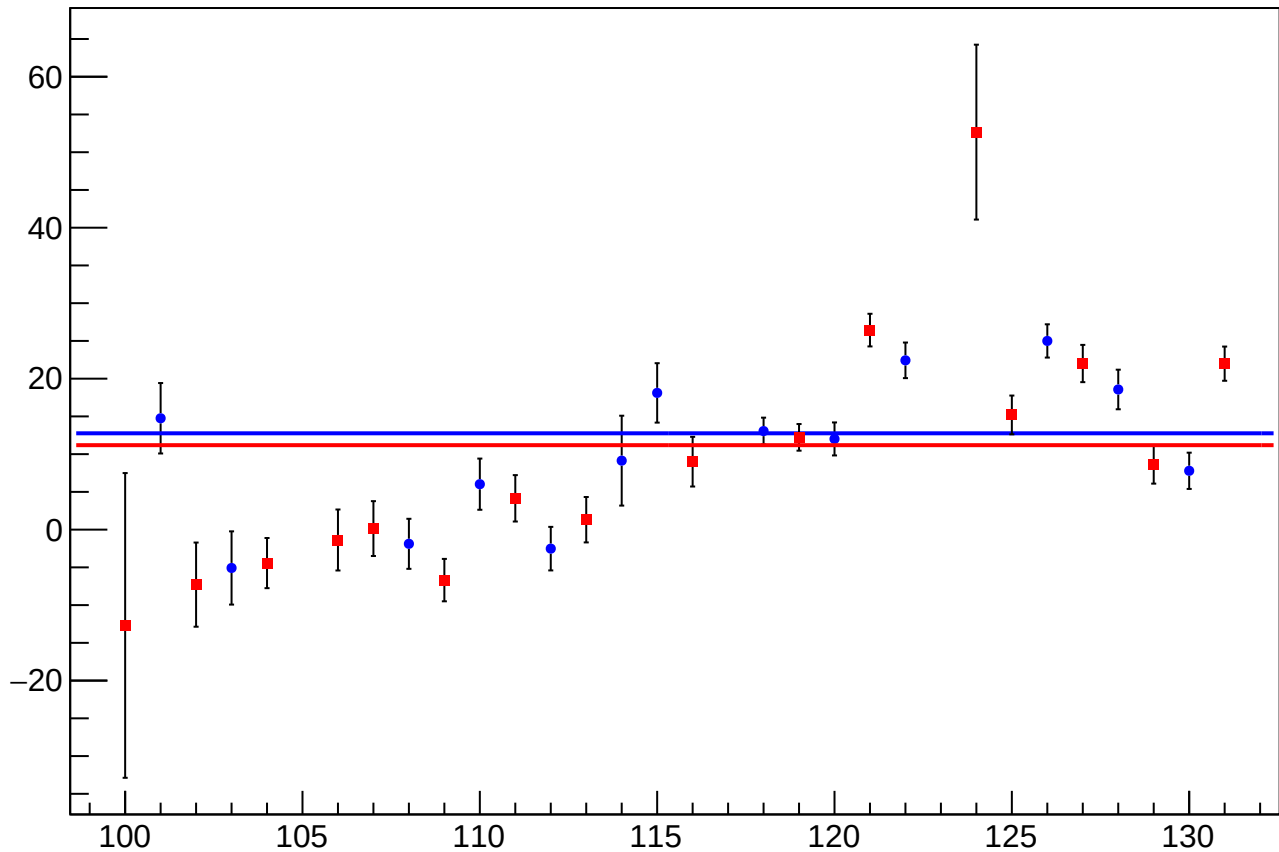
Right: 90.848+/-0.509 χ^2/NDF : 4561.7/28

In: 90.672+/-0.754 χ^2/NDF : 2231.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.848+/-0.509 χ^2/NDF : 4561.7/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.189 $\pm$ 0.724 χ^2 /NDF: 218.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

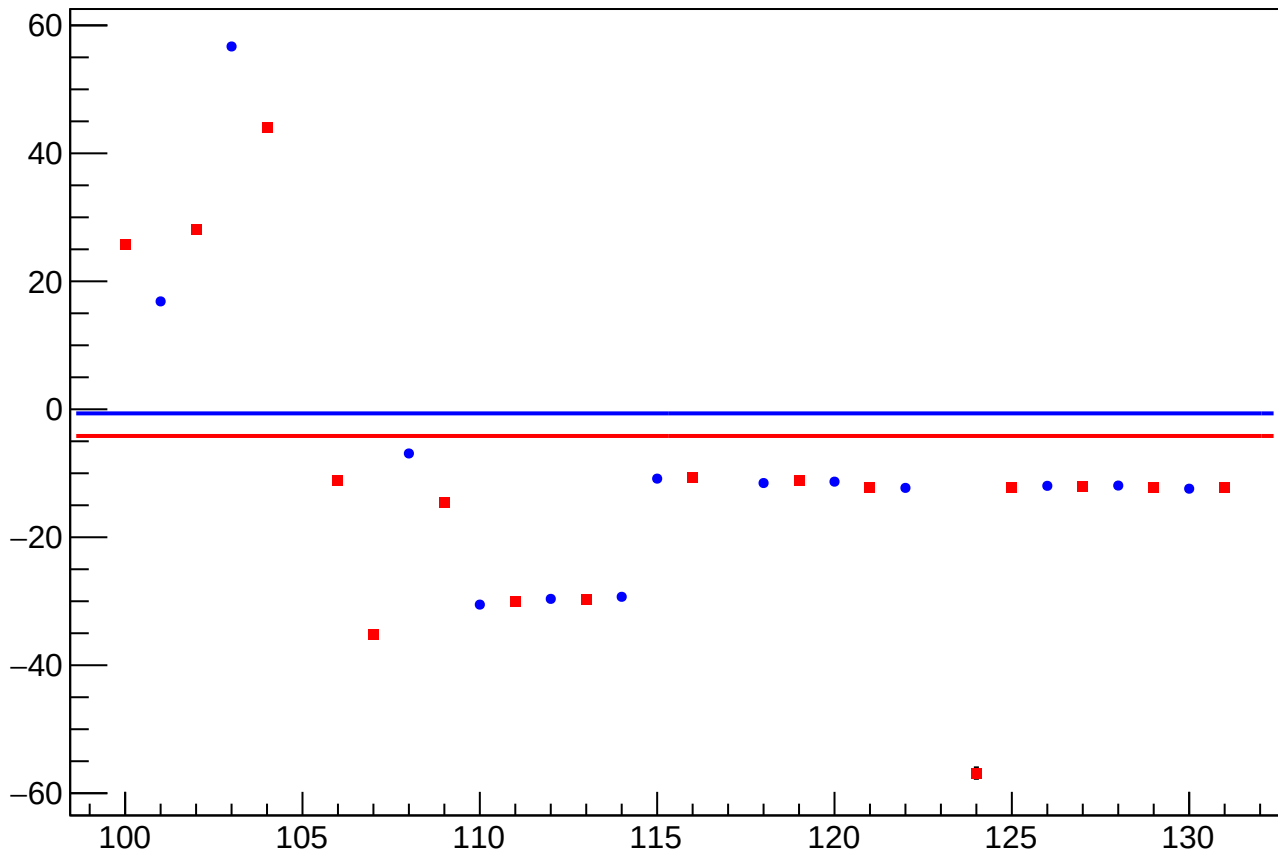
Right: 11.932 $\pm$ 0.526 χ^2 /NDF: 345.3/28

In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.932 $\pm$ 0.526 χ^2 /NDF: 345.3/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.640+/-0.050 χ^2/NDF : 285545.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.171+/-0.047 χ^2/NDF : 279230.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

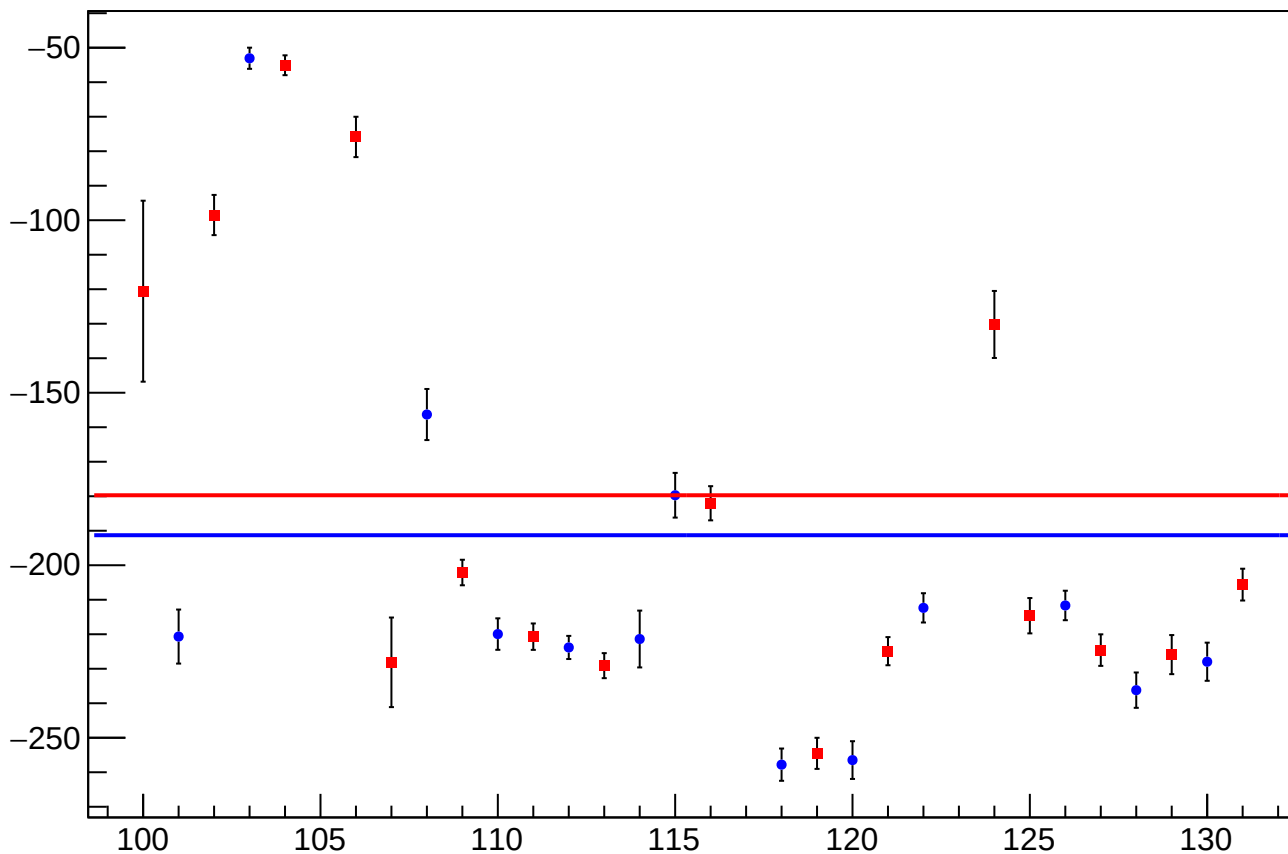
Right: -2.545+/-0.034 χ^2/NDF : 567429.4/28

In: -0.640+/-0.050 χ^2/NDF :285545.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.545+/-0.034 χ^2/NDF : 567429.4/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -191.297+/-1.317 χ^2/NDF : 2730.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -179.716+/-1.171 χ^2/NDF : 3409.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

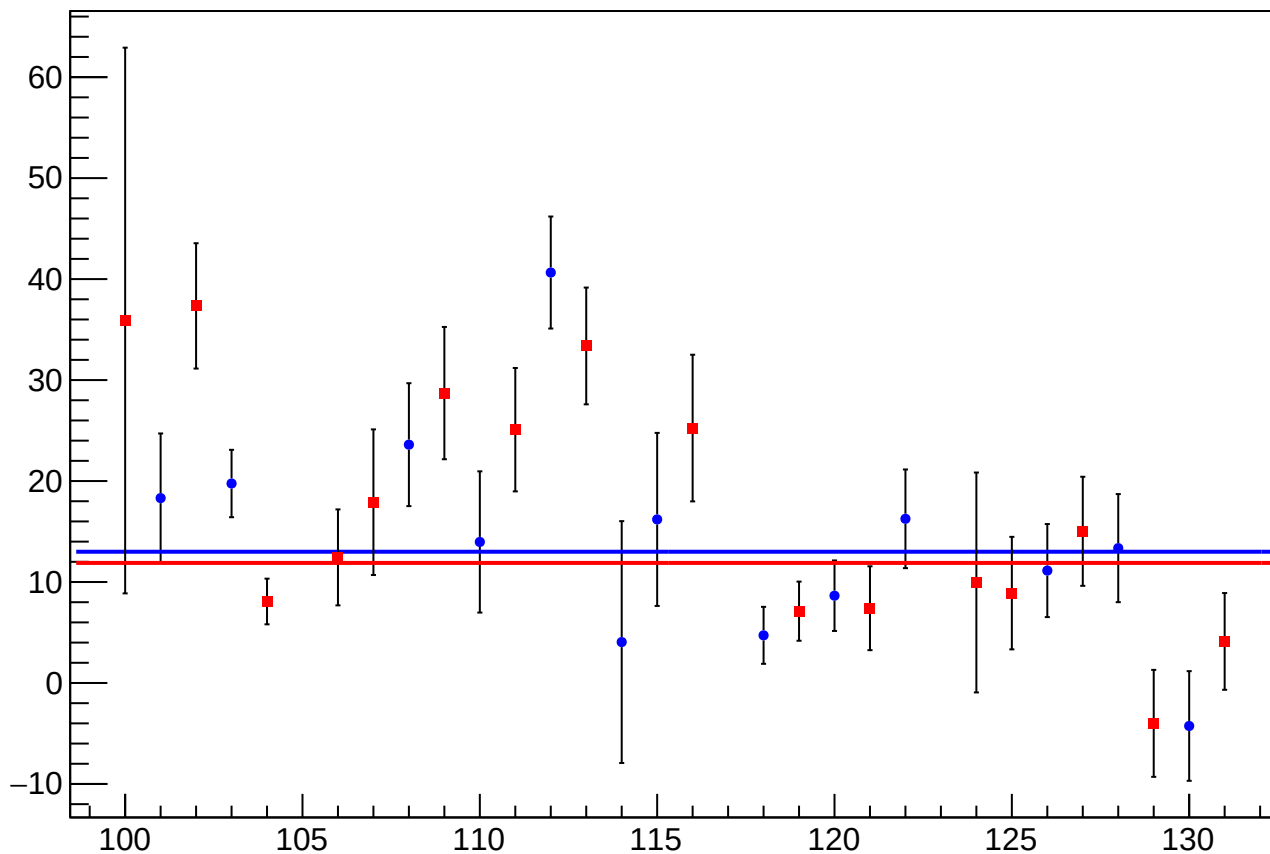
Right: -184.829+/-0.875 χ^2/NDF : 6183.0/28

In: -191.297+/-1.317 χ^2/NDF :2730.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -184.829+/-0.875 χ^2/NDF : 6183.0/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.000+/-1.313 χ^2/NDF : 54.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.890+/-1.183 χ^2/NDF : 65.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

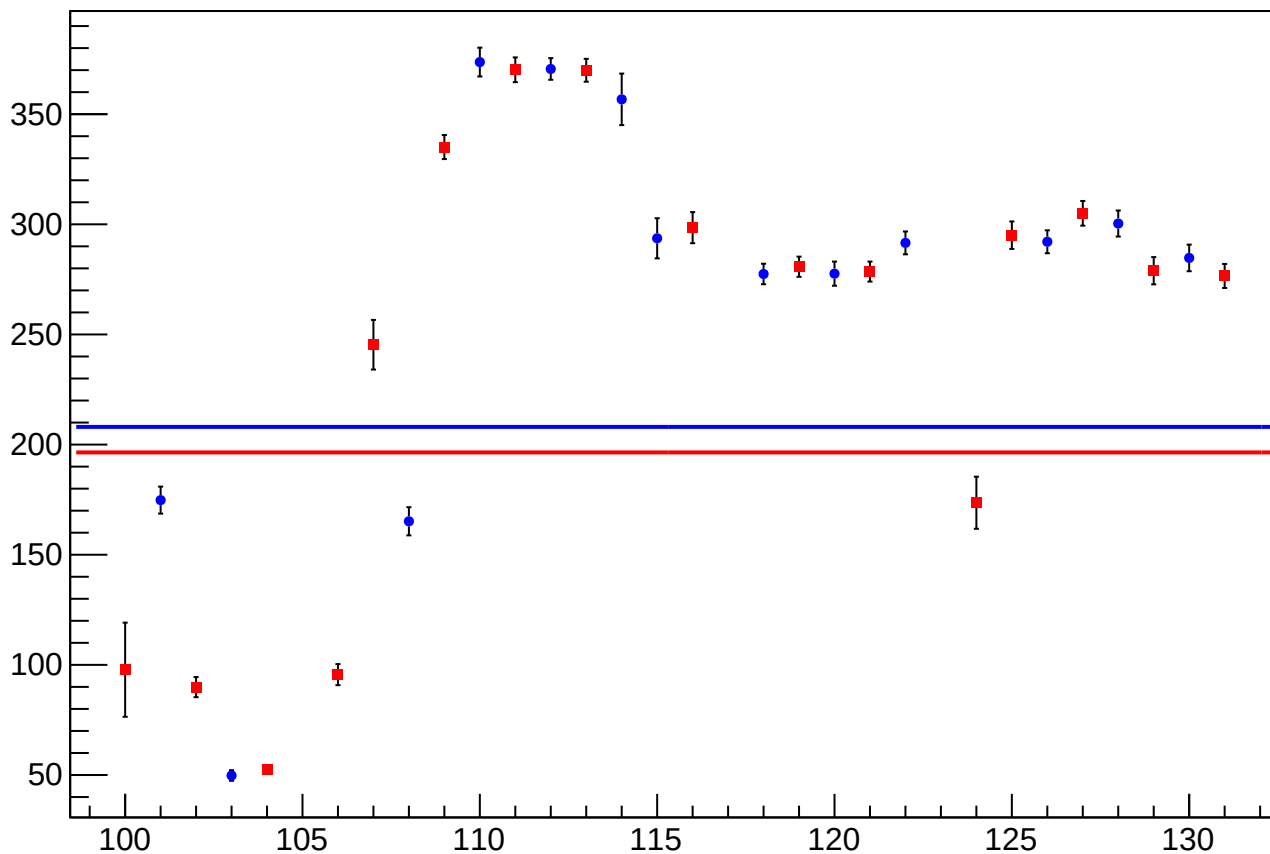
Right: 12.388+/-0.879 χ^2/NDF : 120.4/28

In: 13.000+/-1.313 χ^2/NDF : 54.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.388+/-0.879 χ^2/NDF : 120.4/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 208.033+/-1.391 χ^2/NDF : 7682.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.449+/-1.251 χ^2/NDF : 9663.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

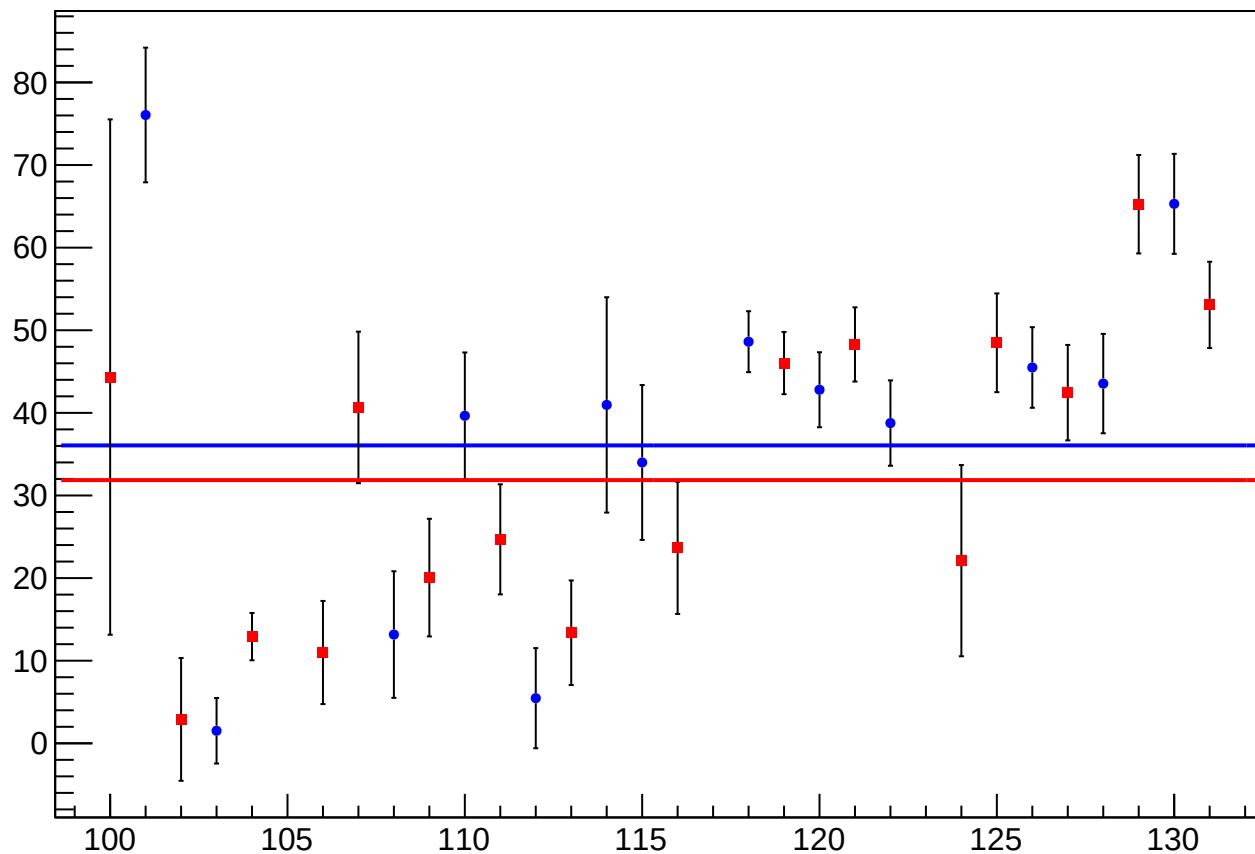
Right: 201.629+/-0.930 χ^2/NDF : 17383.7/28

In: 208.033+/-1.391 χ^2/NDF : 7682.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.629+/-0.930 χ^2/NDF : 17383.7/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.060 $\pm$ 1.555 χ^2 /NDF: 177.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.861 $\pm$ 1.398 χ^2 /NDF: 171.9/15

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

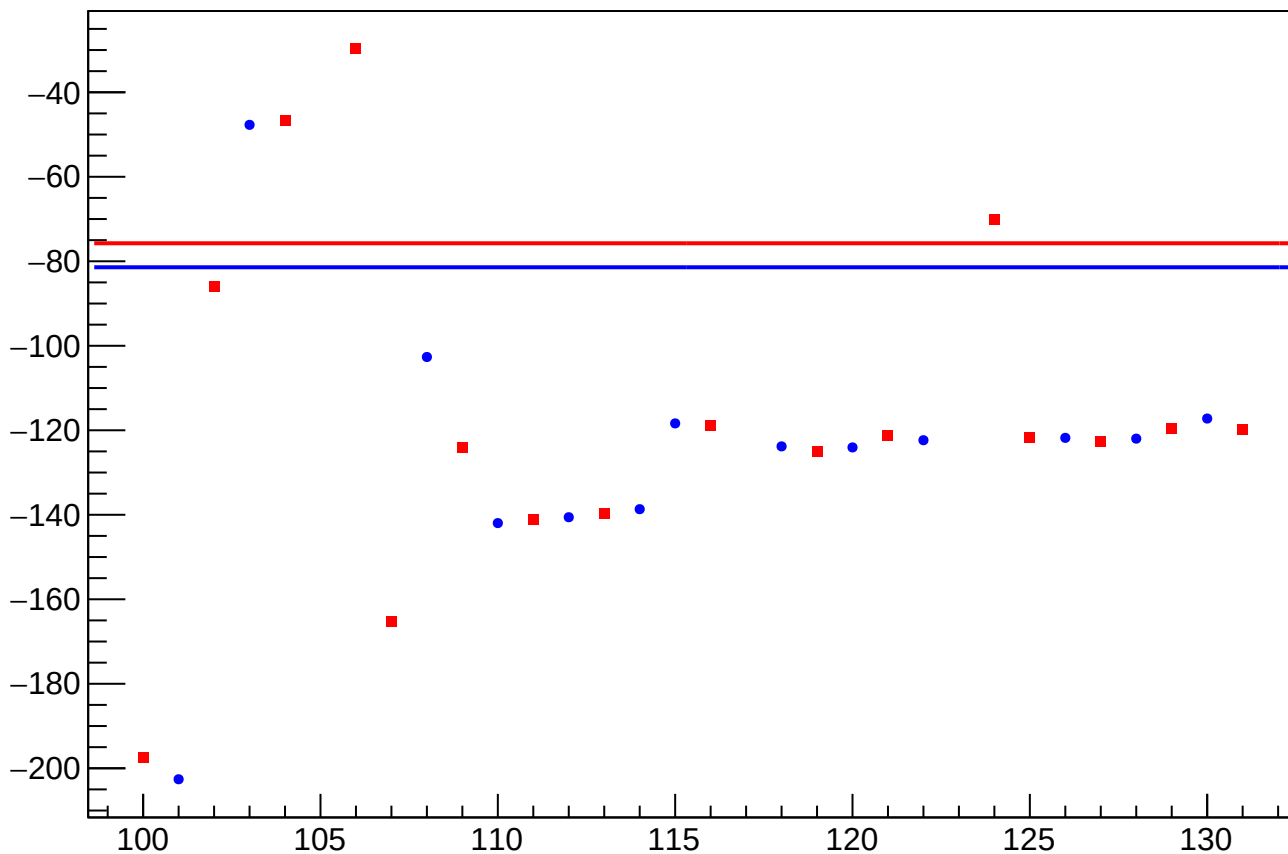
Right: 33.738 $\pm$ 1.039 χ^2 /NDF: 353.5/28

In: 36.060 $\pm$ 1.555 χ^2 /NDF: 177.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.738 $\pm$ 1.039 χ^2 /NDF: 353.5/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -81.418+/-0.077 χ^2/NDF : 329059.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -75.737+/-0.071 χ^2/NDF : 316278.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

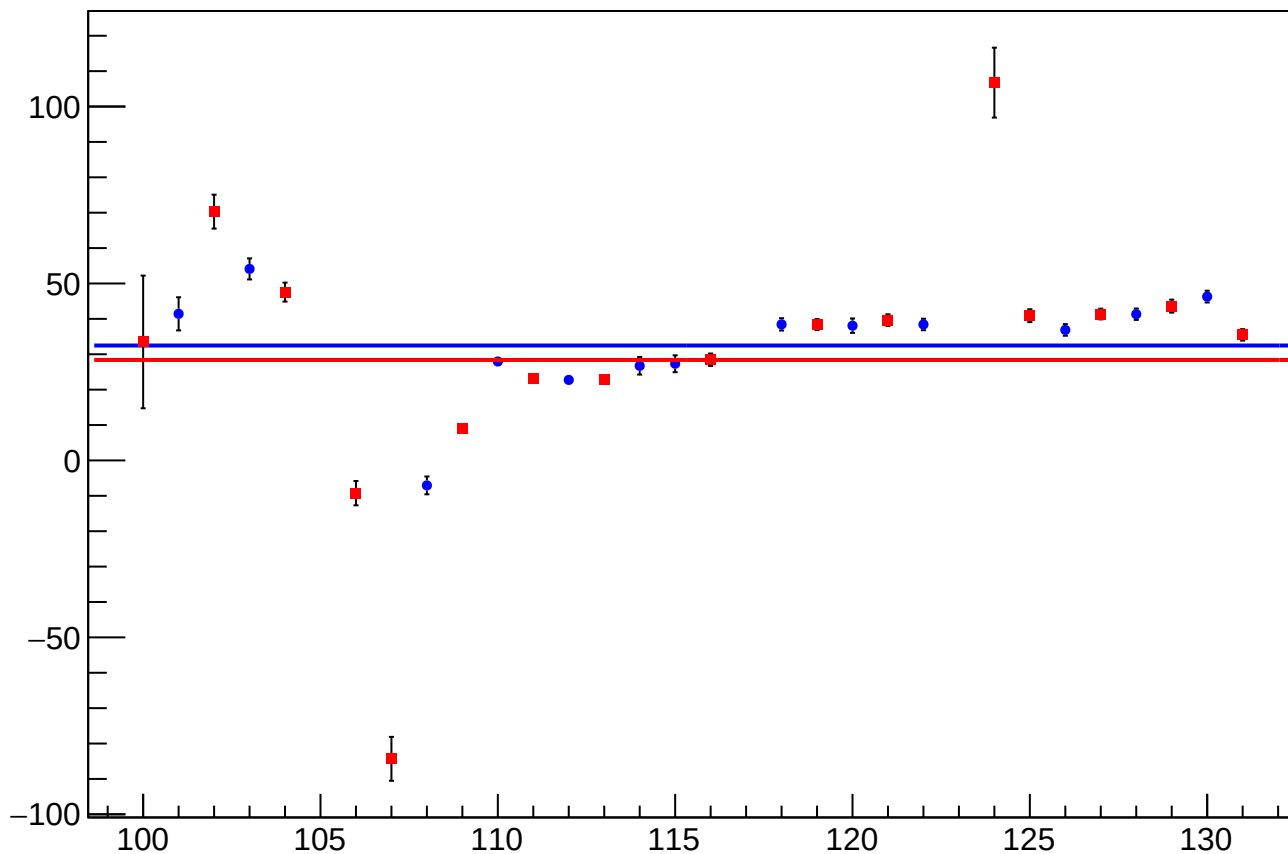
Right: -78.359+/-0.052 χ^2/NDF : 648268.3/28

In: -81.418+/-0.077 χ^2/NDF :329059.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.359+/-0.052 χ^2/NDF : 648268.3/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.470 ± 0.493 $\chi^2/\text{NDF}: 539.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 28.392 ± 0.443 $\chi^2/\text{NDF}: 1301.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

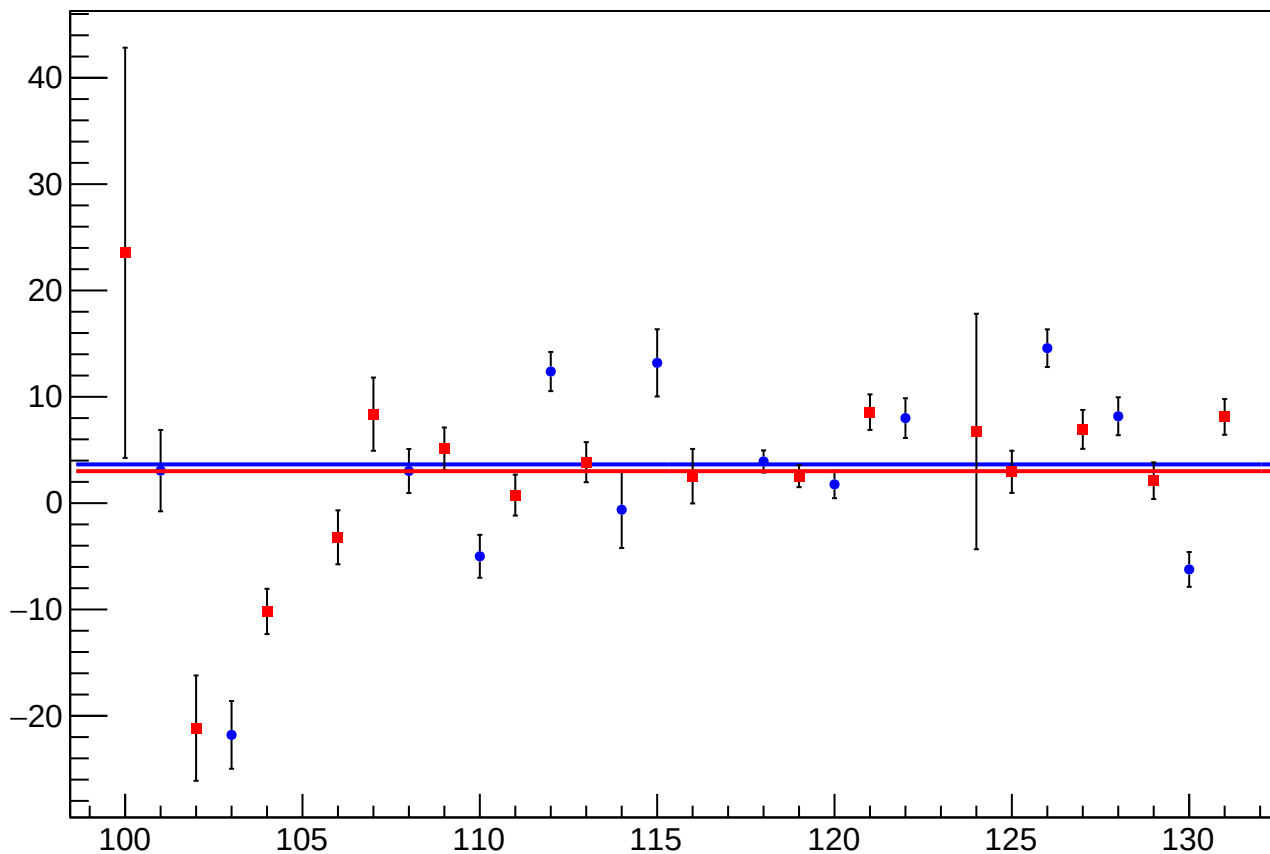
Right: 30.213 ± 0.330 $\chi^2/\text{NDF}: 1878.8/28$

In: 32.470 ± 0.493 $\chi^2/\text{NDF}: 539.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.213 ± 0.330 $\chi^2/\text{NDF}: 1878.8/28$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.008+/-0.500 χ^2/NDF : 100.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

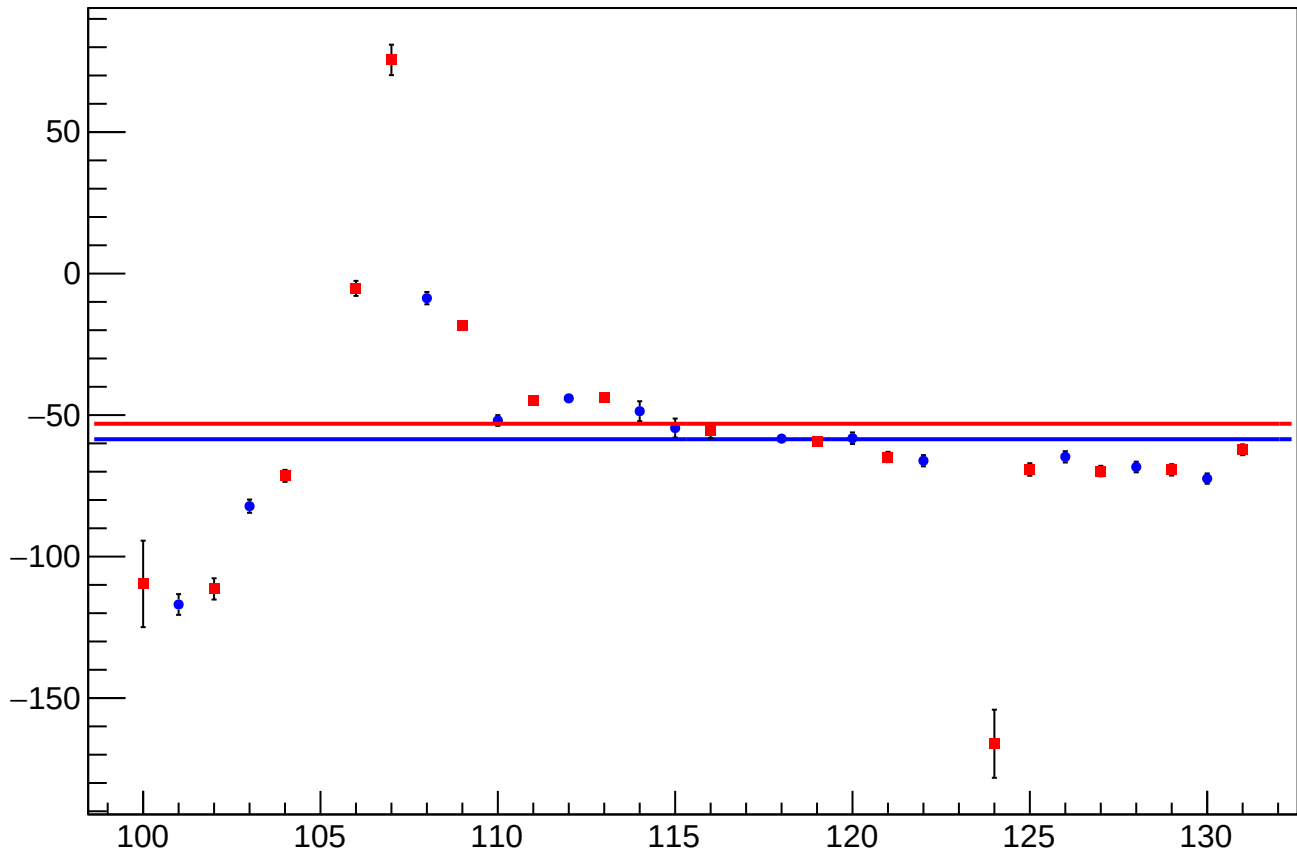
Right: 3.323+/-0.355 χ^2/NDF : 304.3/28

In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.323+/-0.355 χ^2/NDF : 304.3/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.531 ± 0.581 χ^2/NDF : 1090.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -53.060 ± 0.542 χ^2/NDF : 2112.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

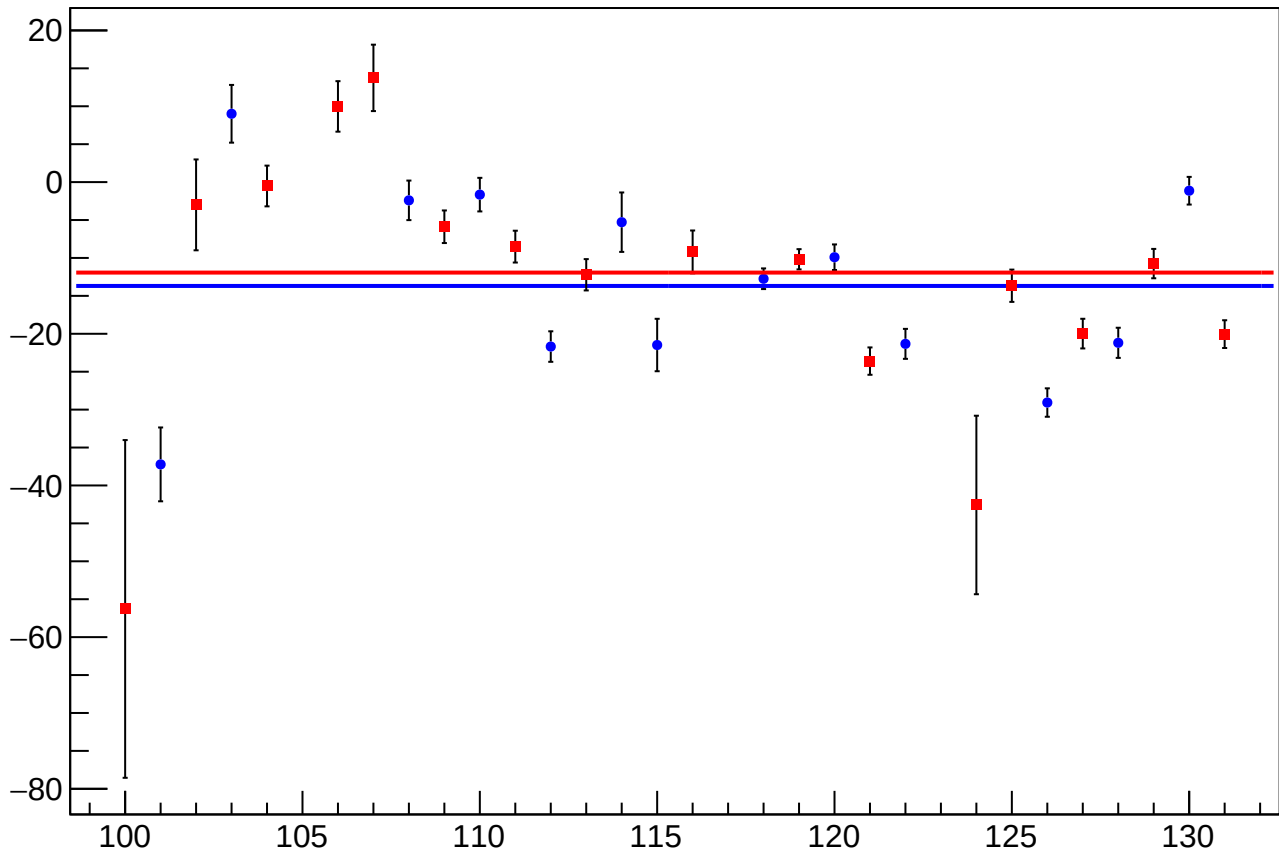
Right: -55.607 ± 0.397 χ^2/NDF : 3249.8/28

In: -58.531 ± 0.581 χ^2/NDF : 1090.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.607 ± 0.397 χ^2/NDF : 3249.8/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.692 ± 0.593 χ^2/NDF : 282.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.930 ± 0.574 χ^2/NDF : 201.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

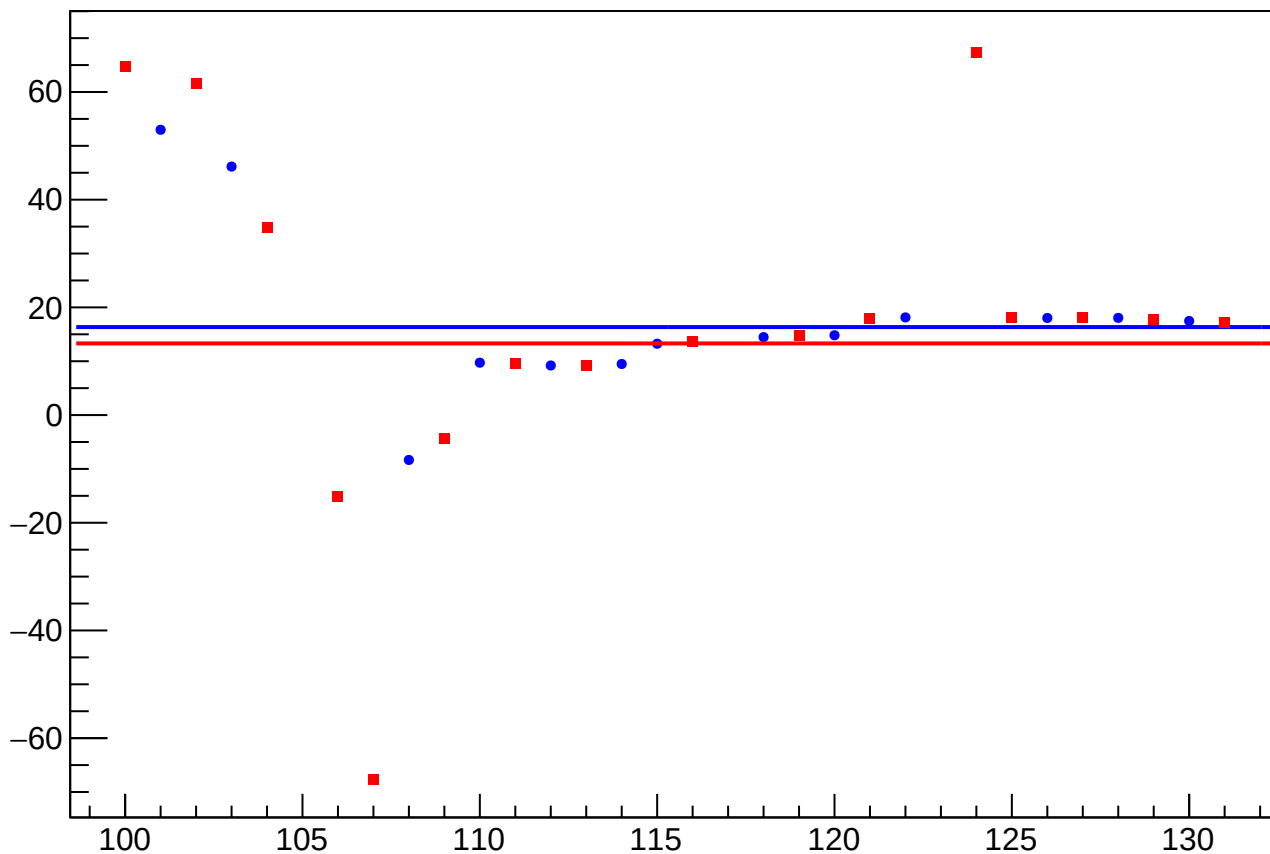
Right: -12.782 ± 0.412 χ^2/NDF : 488.0/28

In: -13.692 ± 0.593 χ^2/NDF : 282.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.782 ± 0.412 χ^2/NDF : 488.0/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.343+/-0.039 χ^2/NDF : 204817.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.306+/-0.038 χ^2/NDF : 352596.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

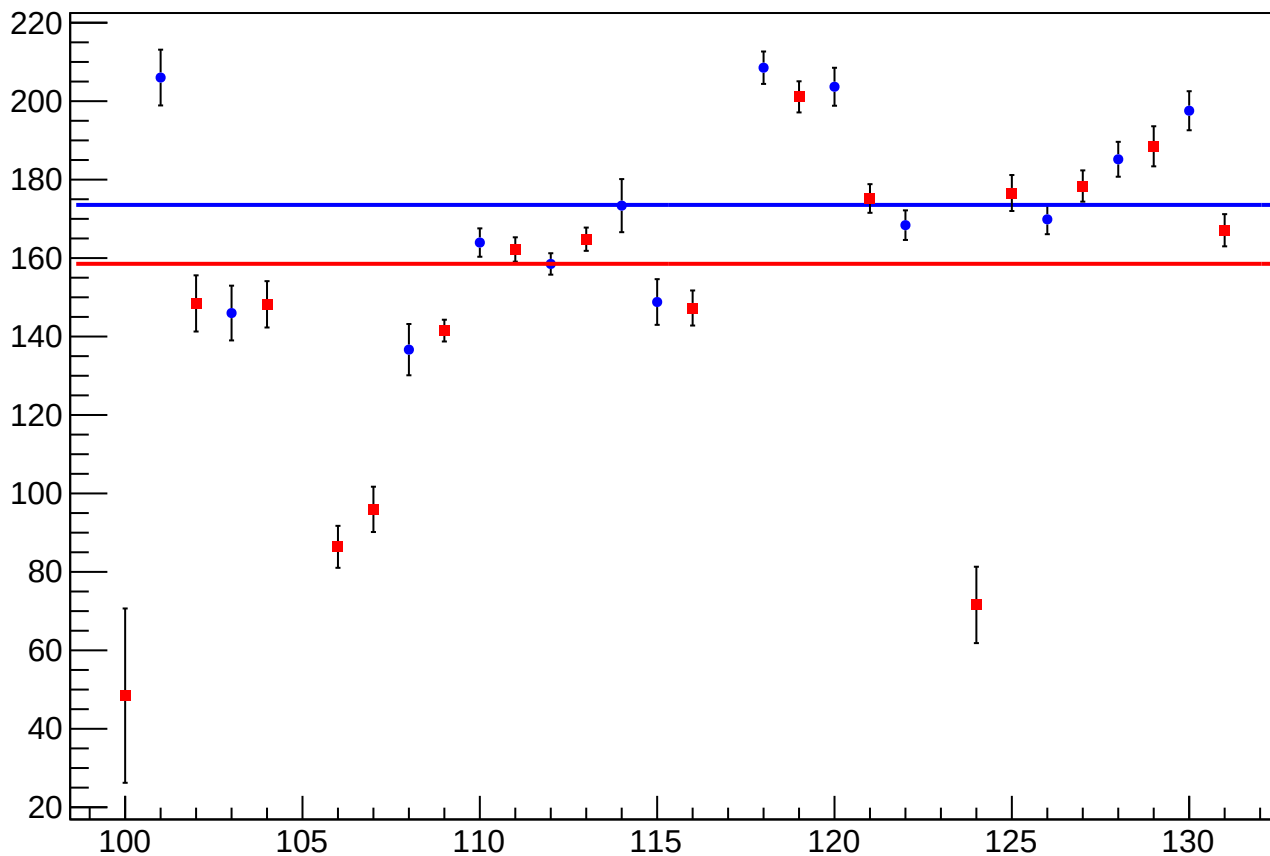
Right: 14.777+/-0.027 χ^2/NDF : 560500.4/28

In: 16.343+/-0.039 χ^2/NDF : 204817.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.777+/-0.027 χ^2/NDF : 560500.4/28

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.556+/-1.233 χ^2/NDF : 267.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.538+/-1.072 χ^2/NDF : 673.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

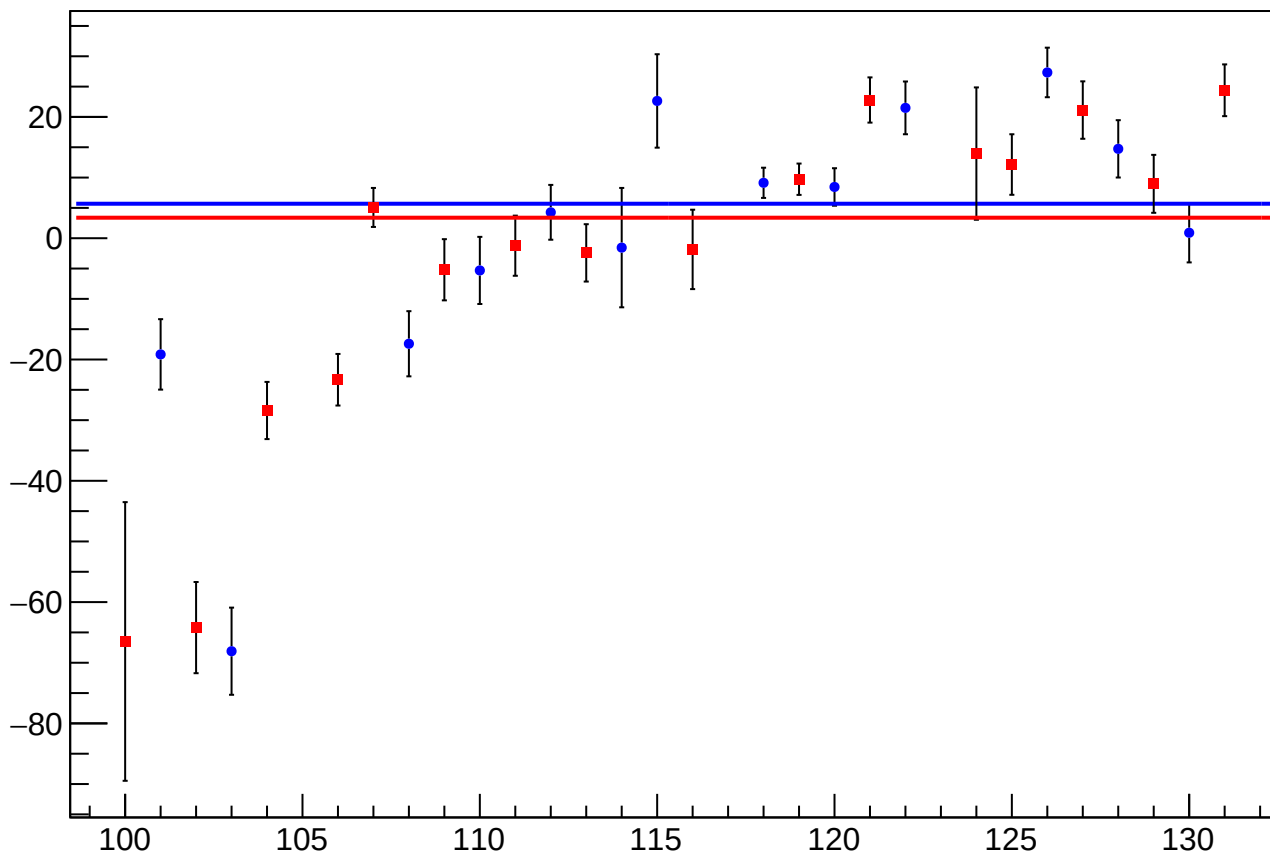
Right: 165.003+/-0.809 χ^2/NDF : 1025.0/28

In: 173.556+/-1.233 χ^2/NDF : 267.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.003+/-0.809 χ^2/NDF : 1025.0/28

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

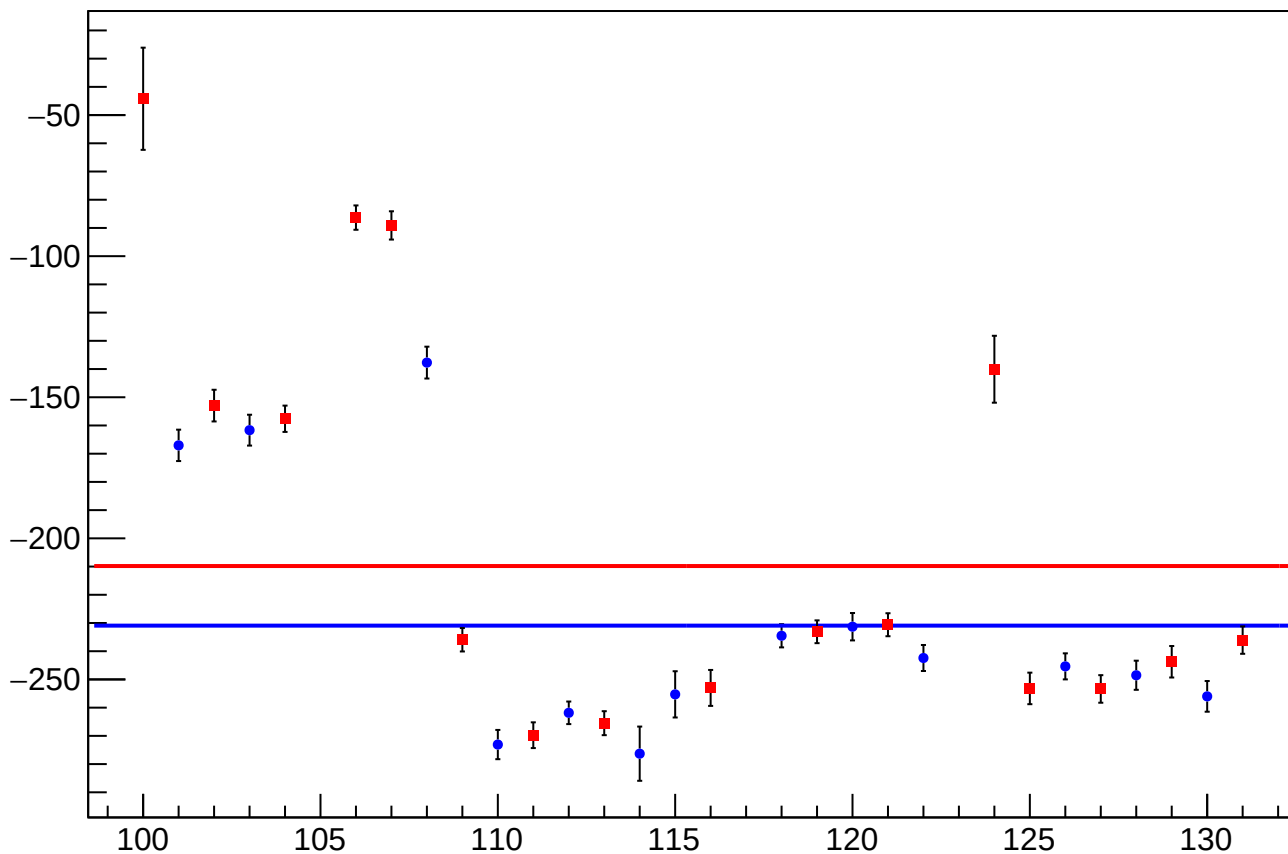
Right: 4.438+/-0.835 χ^2/NDF : 460.1/28

In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.438+/-0.835 χ^2/NDF : 460.1/28

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.933+/-1.429 χ^2 /NDF: 771.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -209.814+/-1.252 χ^2 /NDF: 2441.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

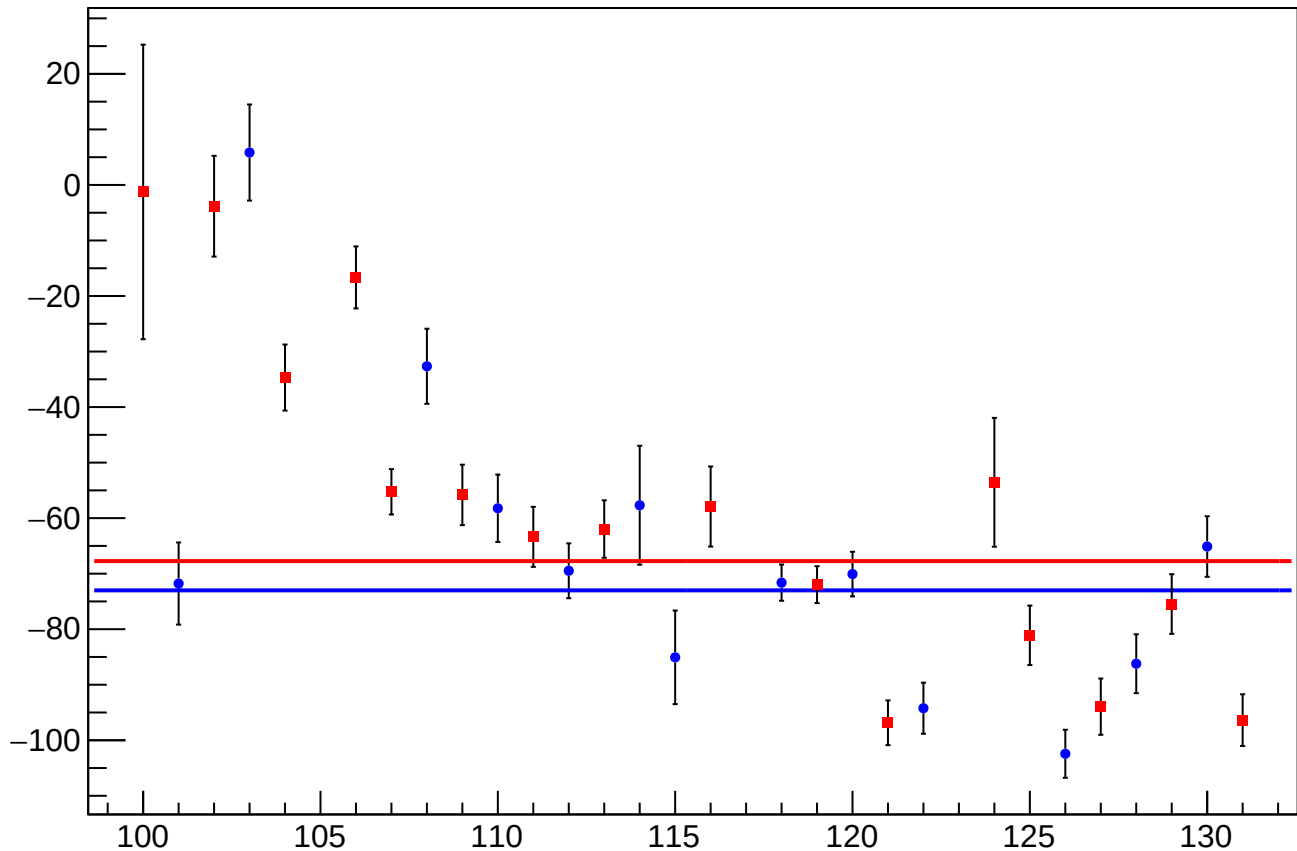
Right: -218.985+/-0.942 χ^2 /NDF: 3336.1/28

In: -230.933+/-1.429 χ^2 /NDF:771.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -218.985+/-0.942 χ^2 /NDF: 3336.1/28

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.739 $\pm$ 1.322 χ^2 /NDF: 316.6/15

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

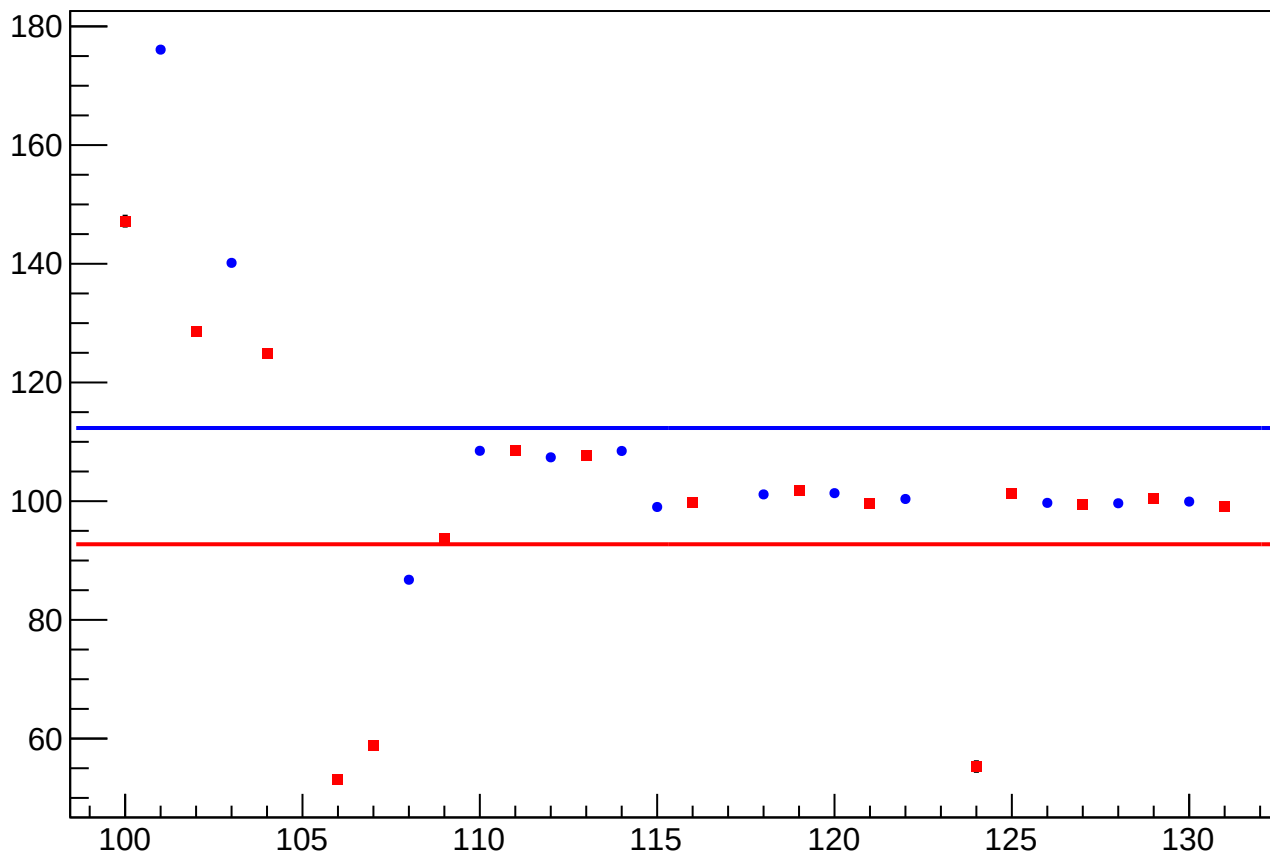
Right: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

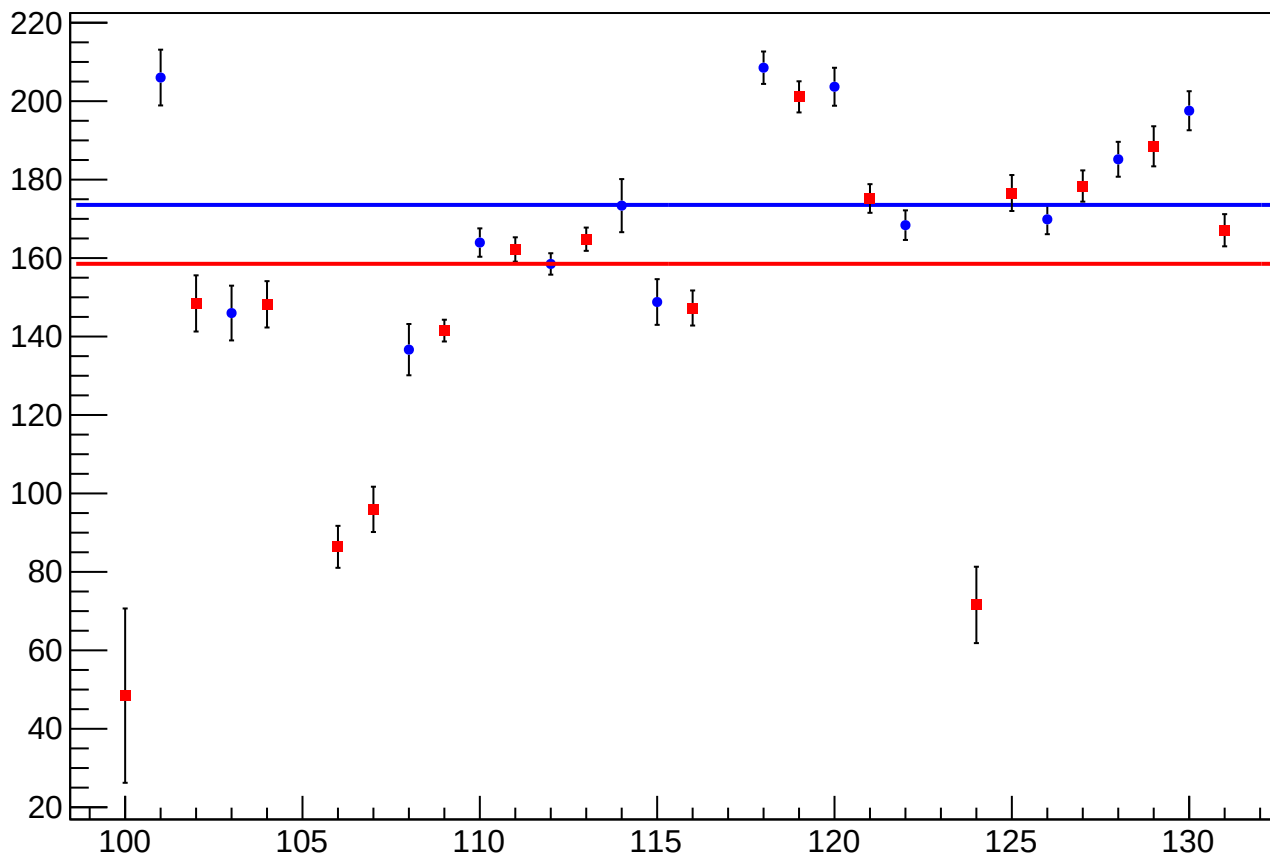
Right: 100.577+/-0.060 χ^2/NDF : 219113.6/28

In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.577+/-0.060 χ^2/NDF : 219113.6/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.556 $\pm$ 1.233 χ^2 /NDF: 267.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.538 $\pm$ 1.072 χ^2 /NDF: 673.4/15

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

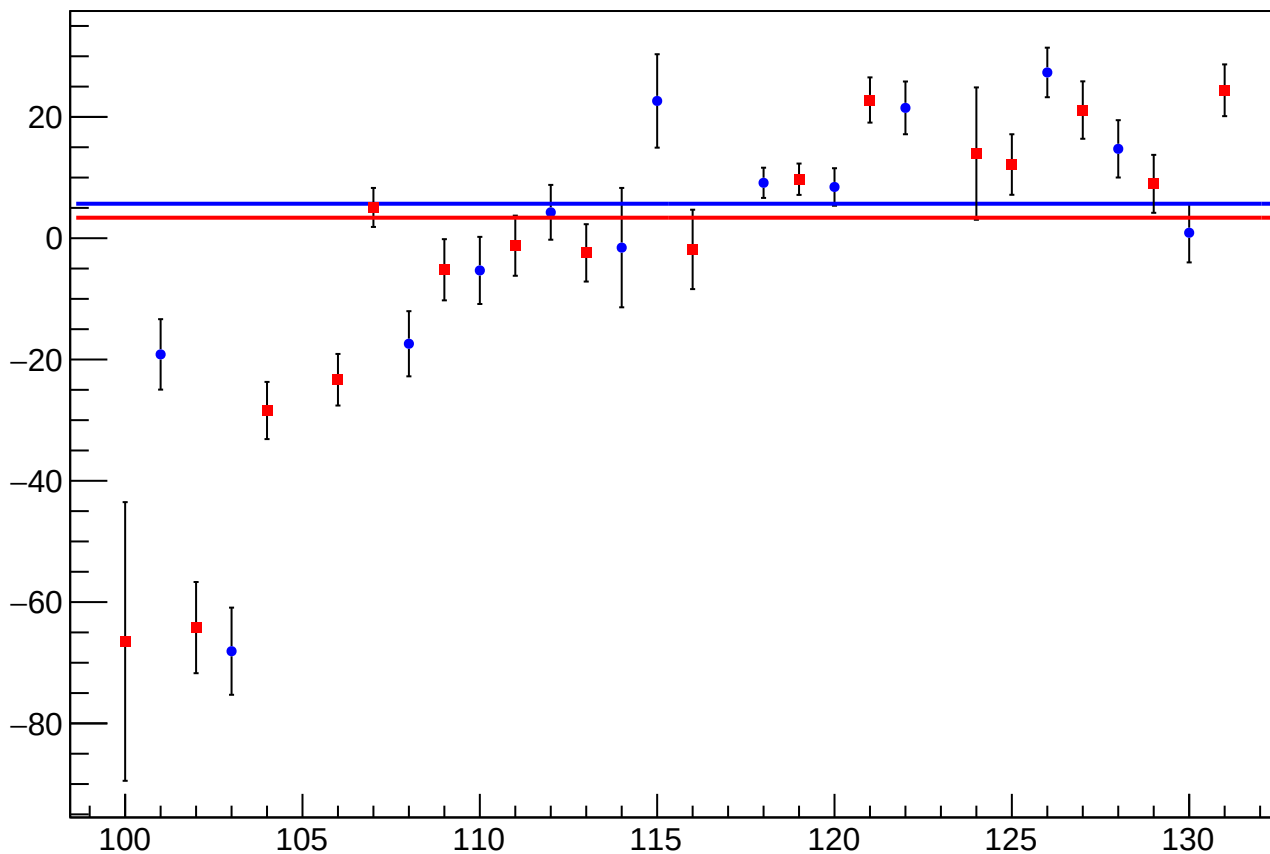
Right: 165.003 $\pm$ 0.809 χ^2 /NDF: 1025.0/28

In: 173.556 $\pm$ 1.233 χ^2 /NDF:267.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.003 $\pm$ 0.809 χ^2 /NDF: 1025.0/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

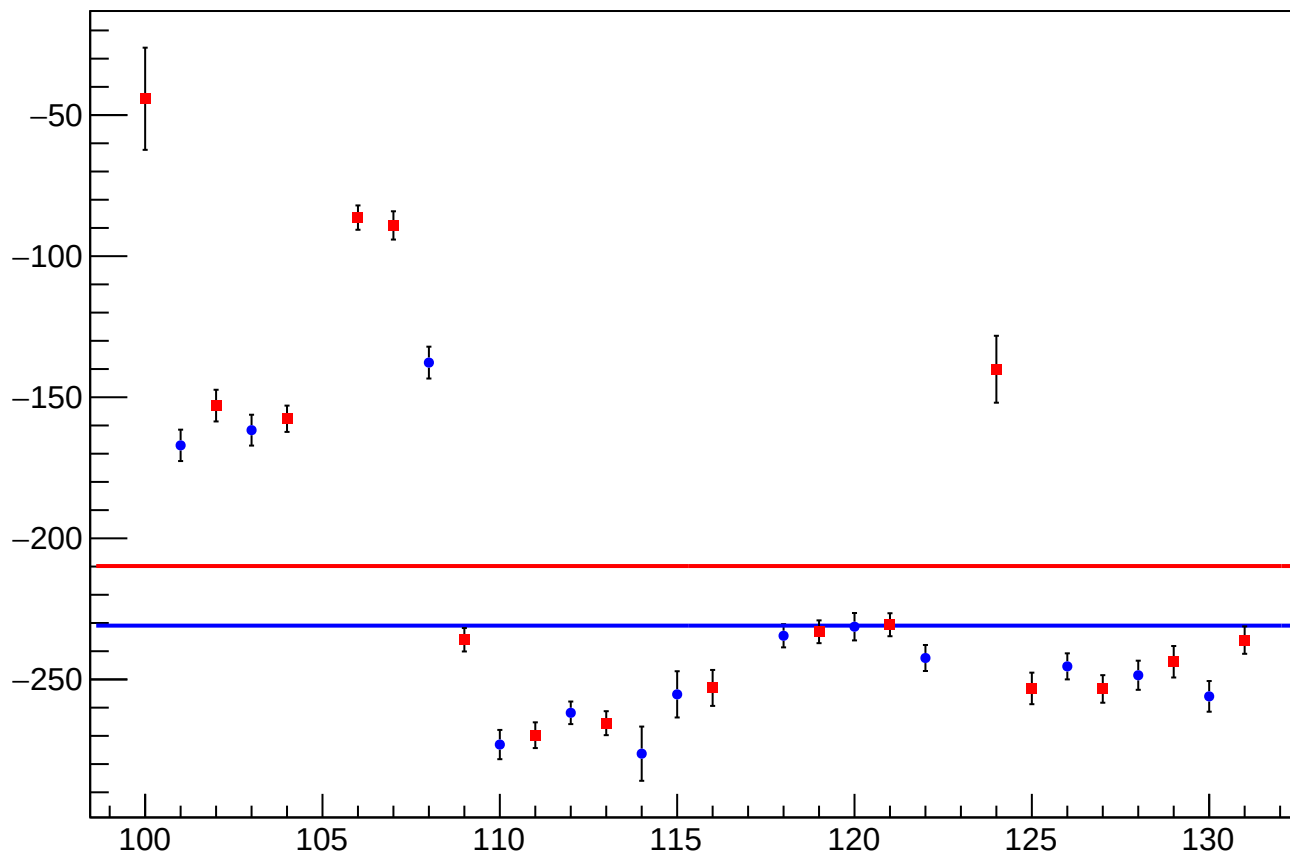
Right: 4.438+/-0.835 χ^2/NDF : 460.1/28

In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.438+/-0.835 χ^2/NDF : 460.1/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

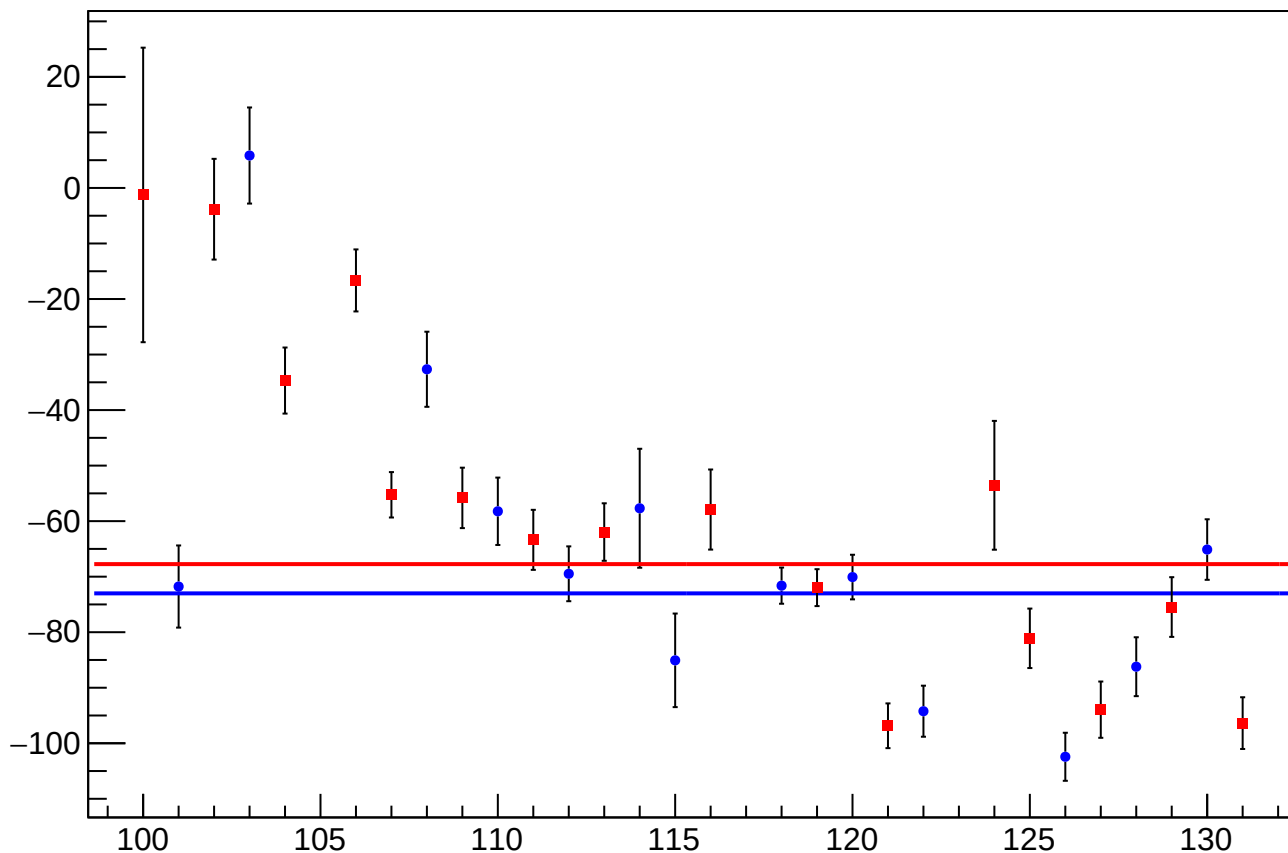
Right: -218.985+/-0.942 χ^2/NDF : 3336.1/28

In: -230.933+/-1.429 χ^2/NDF : 771.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.985+/-0.942 χ^2/NDF : 3336.1/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.739 $\pm$ 1.322 χ^2 /NDF: 316.6/15

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

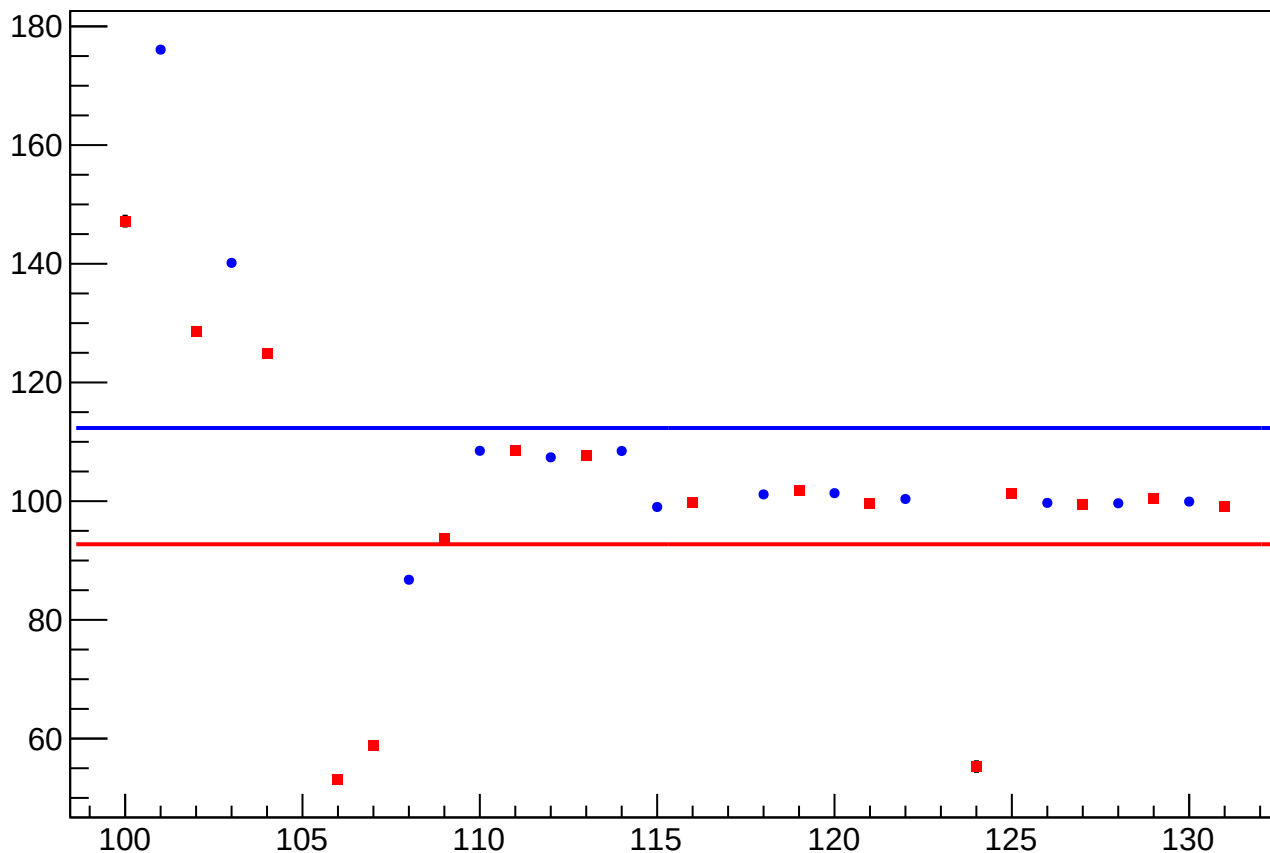
Right: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

In: -73.008 $\pm$ 1.458 χ^2 /NDF:205.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

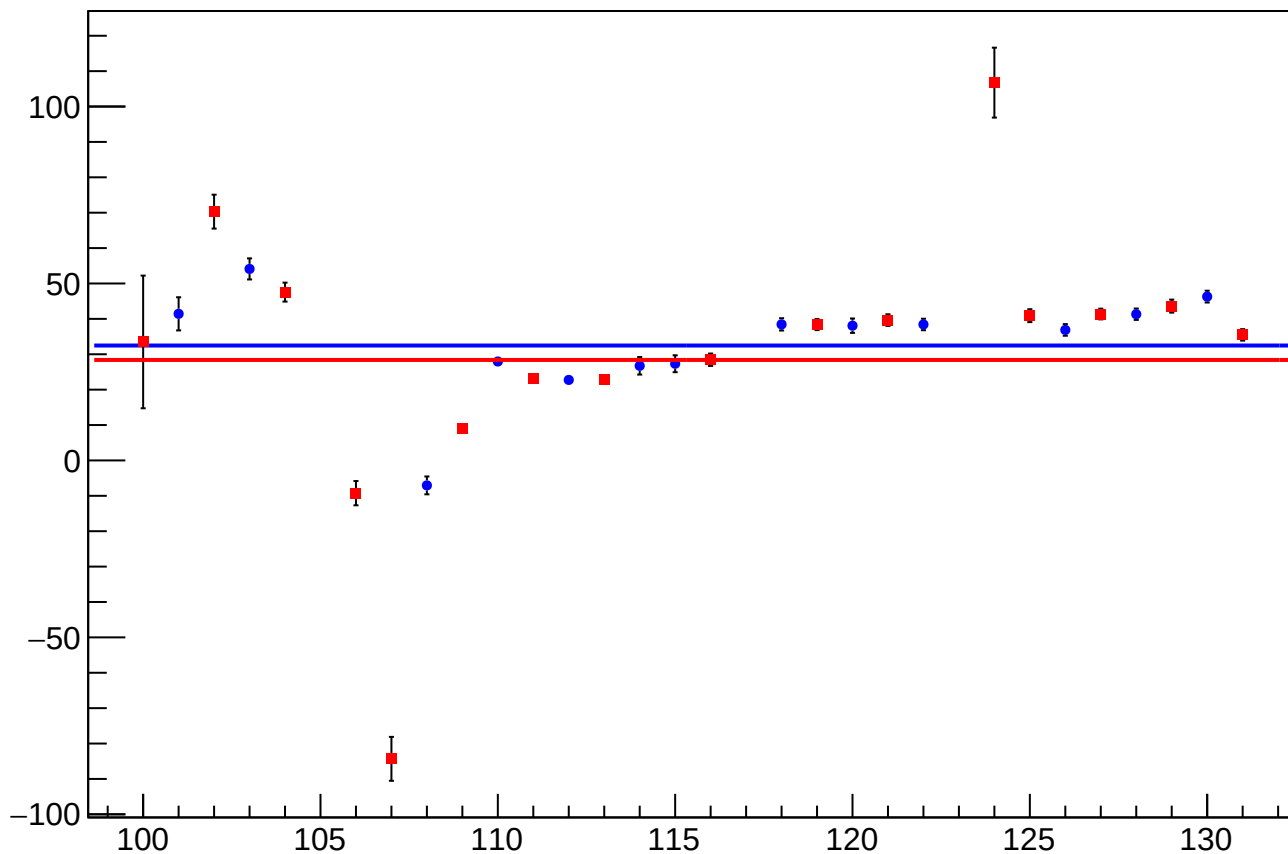
Right: 100.577+/-0.060 χ^2/NDF : 219113.6/28

In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.577+/-0.060 χ^2/NDF : 219113.6/28

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.470 ± 0.493 $\chi^2/\text{NDF}: 539.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 28.392 ± 0.443 $\chi^2/\text{NDF}: 1301.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

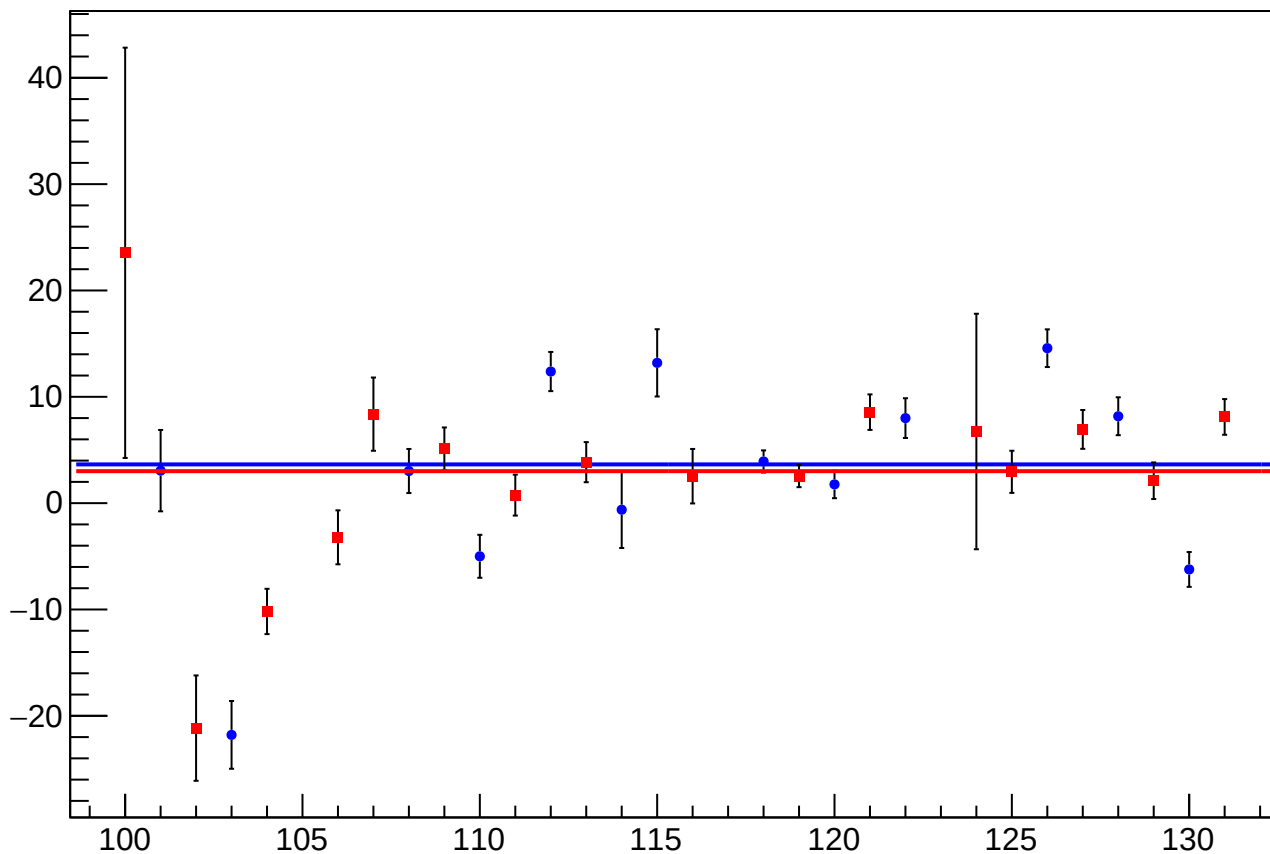
Right: 30.213 ± 0.330 $\chi^2/\text{NDF}: 1878.8/28$

In: 32.470 ± 0.493 $\chi^2/\text{NDF}: 539.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.213 ± 0.330 $\chi^2/\text{NDF}: 1878.8/28$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.008+/-0.500 χ^2/NDF : 100.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

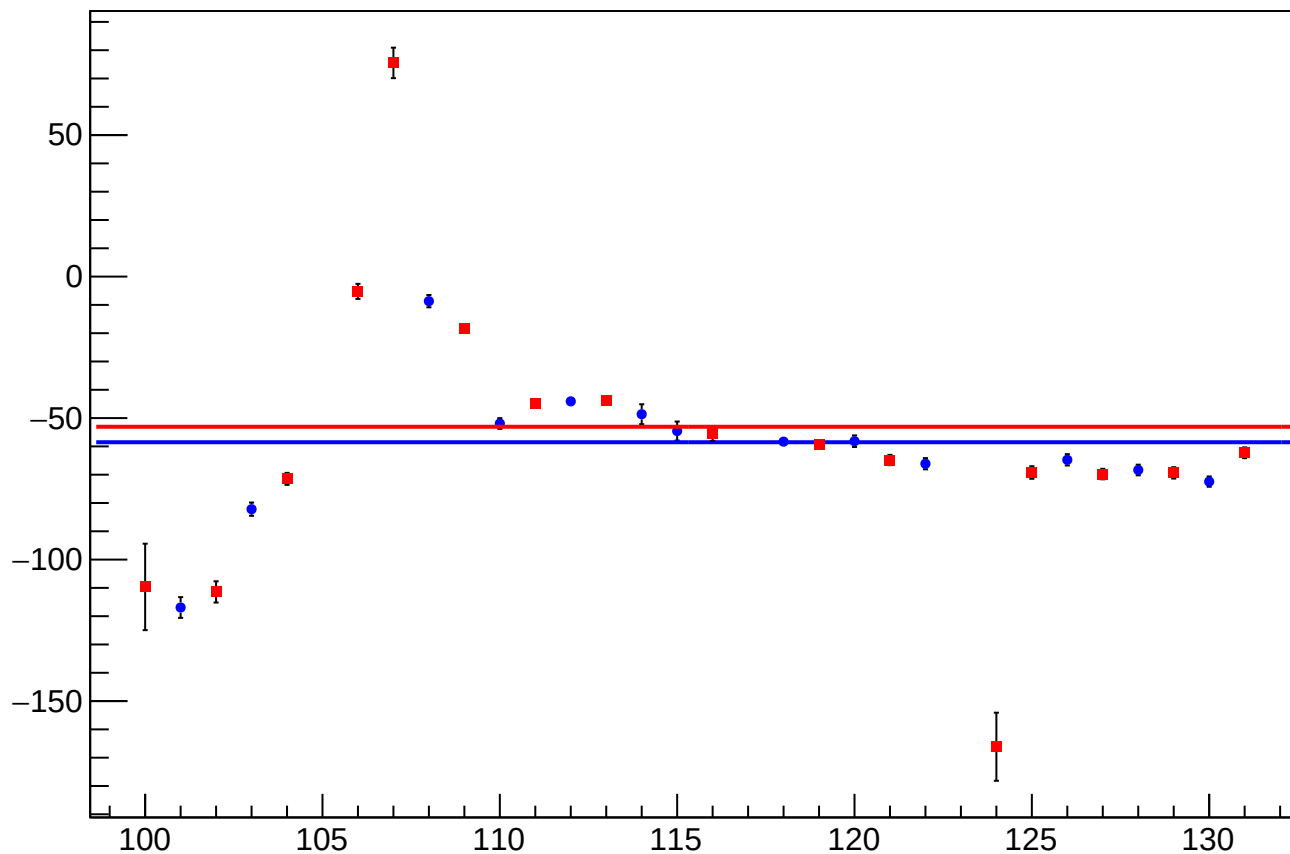
Right: 3.323+/-0.355 χ^2/NDF : 304.3/28

In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.323+/-0.355 χ^2/NDF : 304.3/28

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.531 ± 0.581 χ^2/NDF : 1090.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -53.060 ± 0.542 χ^2/NDF : 2112.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

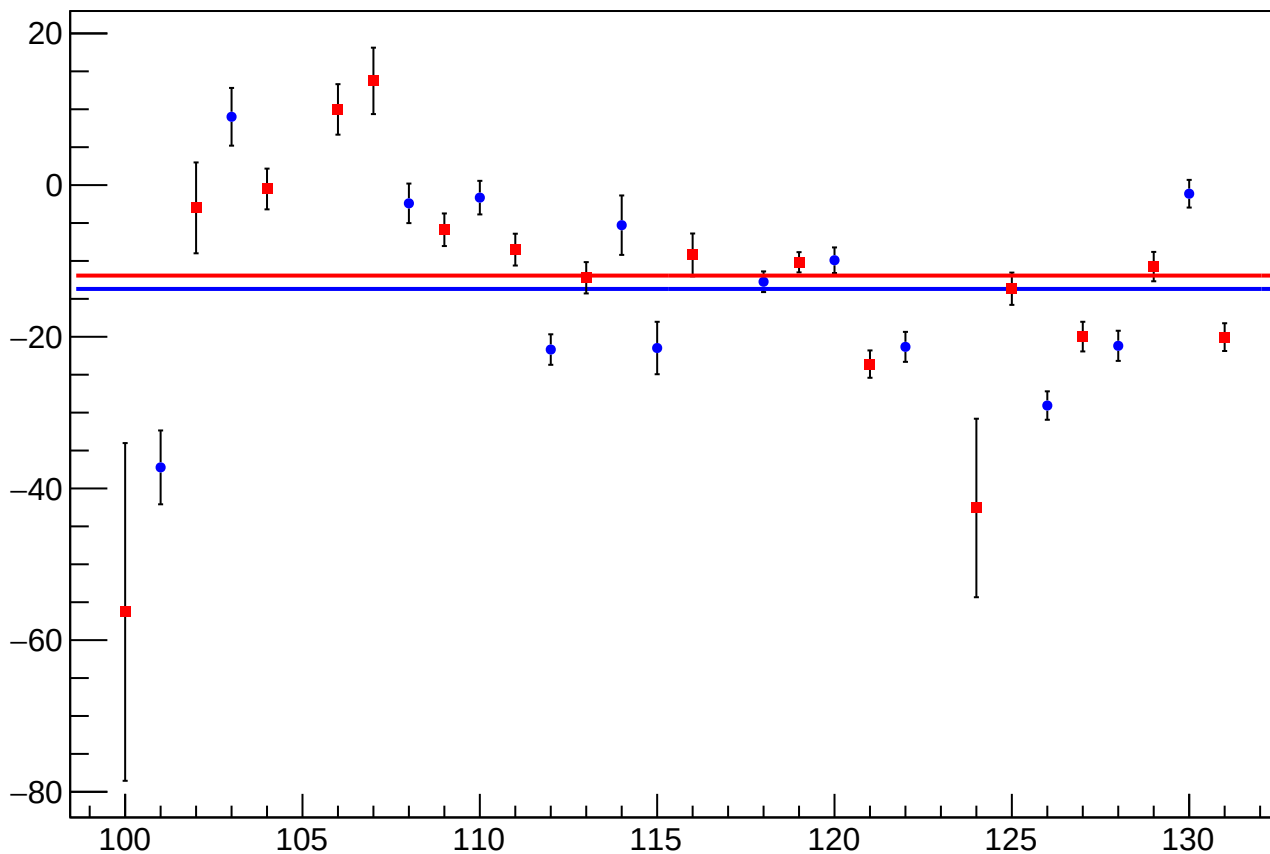
Right: -55.607 ± 0.397 χ^2/NDF : 3249.8/28

In: -58.531 ± 0.581 χ^2/NDF : 1090.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.607 ± 0.397 χ^2/NDF : 3249.8/28

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.692 $\pm$ 0.593 χ^2 /NDF: 282.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.930 $\pm$ 0.574 χ^2 /NDF: 201.5/15

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

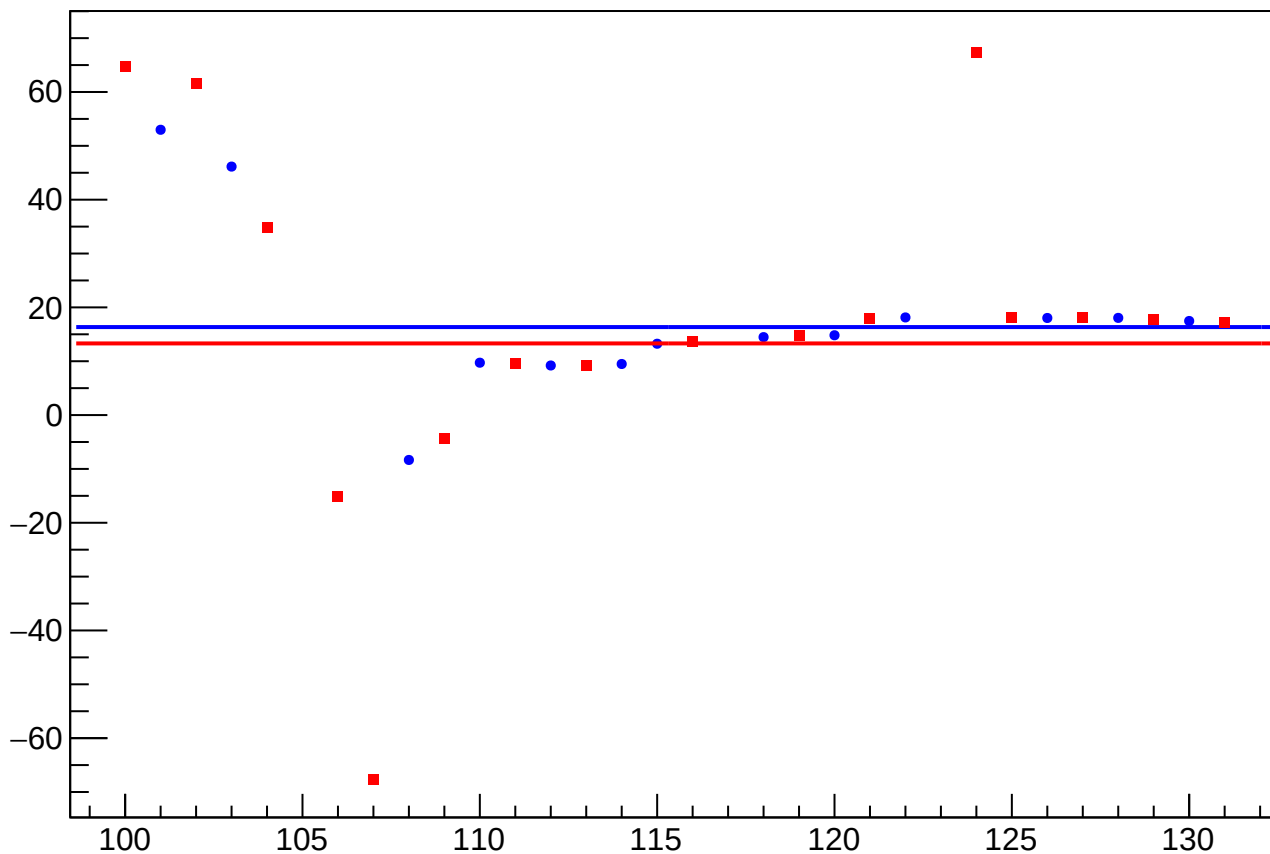
Right: -12.782 $\pm$ 0.412 χ^2 /NDF: 488.0/28

In: -13.692 $\pm$ 0.593 χ^2 /NDF:282.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.782 $\pm$ 0.412 χ^2 /NDF: 488.0/28

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.343+/-0.039 χ^2/NDF : 204817.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.306+/-0.038 χ^2/NDF : 352596.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

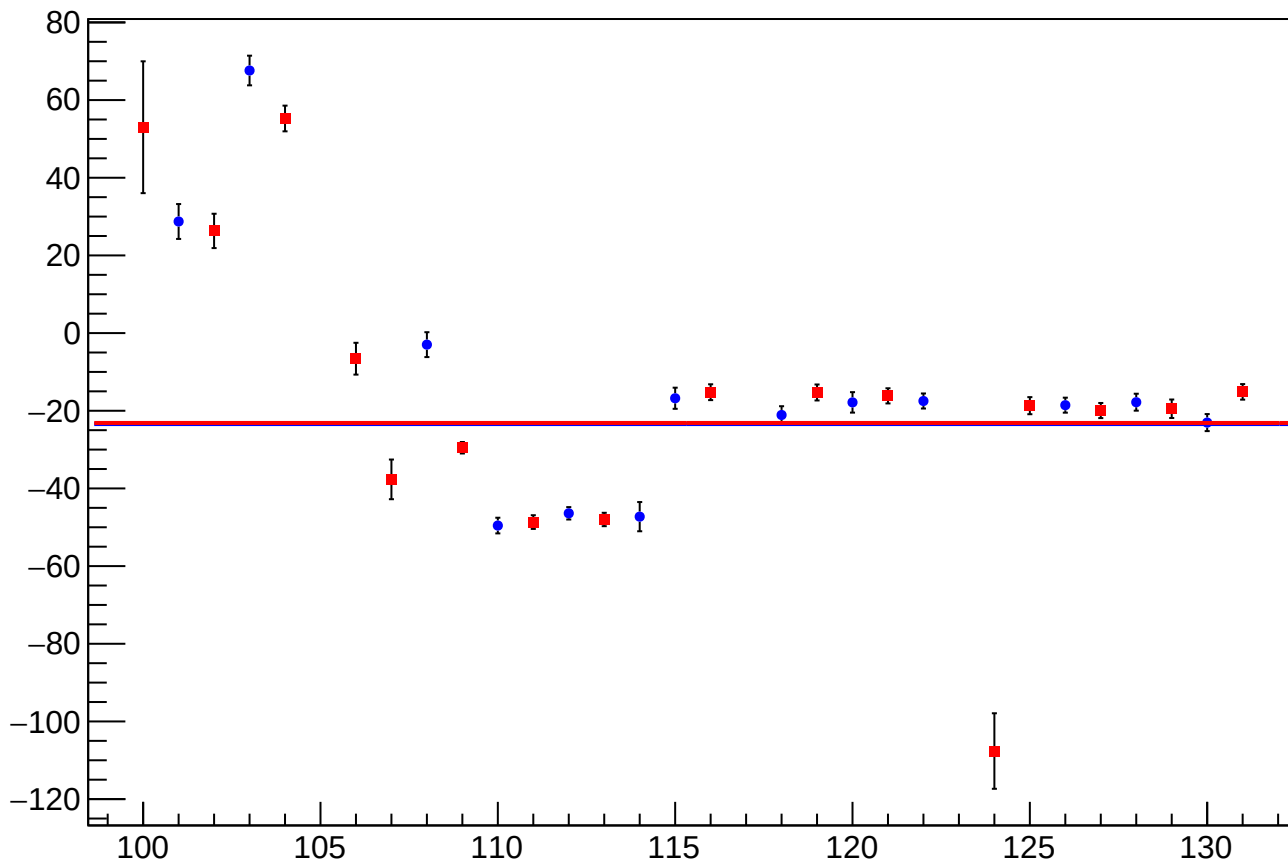
Right: 14.777+/-0.027 χ^2/NDF : 560500.4/28

In: 16.343+/-0.039 χ^2/NDF : 204817.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.777+/-0.027 χ^2/NDF : 560500.4/28

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.426 $\pm$ 0.652 χ^2 /NDF: 1192.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.140 $\pm$ 0.577 χ^2 /NDF: 1310.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

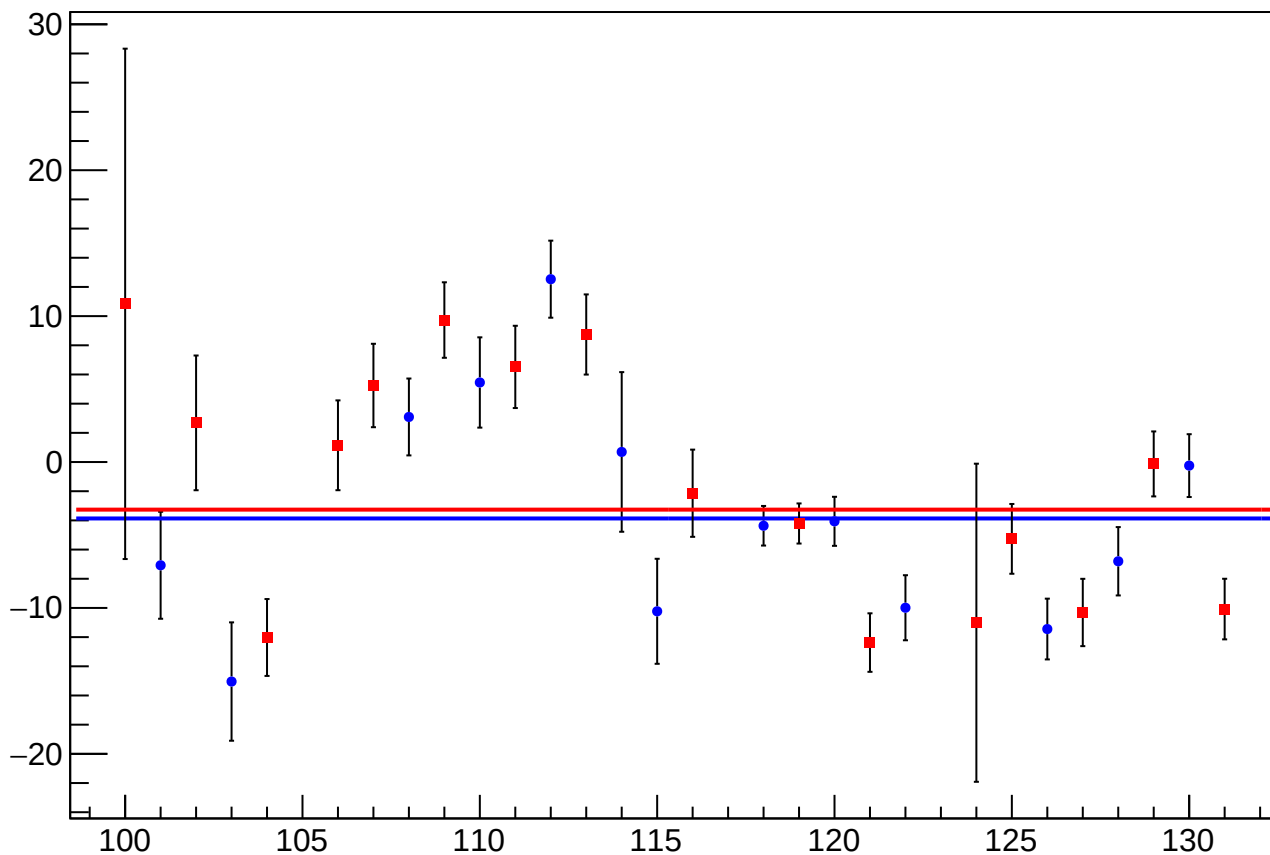
Right: -23.265 $\pm$ 0.432 χ^2 /NDF: 2503.2/28

In: -23.426 $\pm$ 0.652 χ^2 /NDF:1192.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.265 $\pm$ 0.432 χ^2 /NDF: 2503.2/28

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.868 $\pm$ 0.650 χ^2 /NDF: 92.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.262 $\pm$ 0.629 χ^2 /NDF: 125.2/15

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

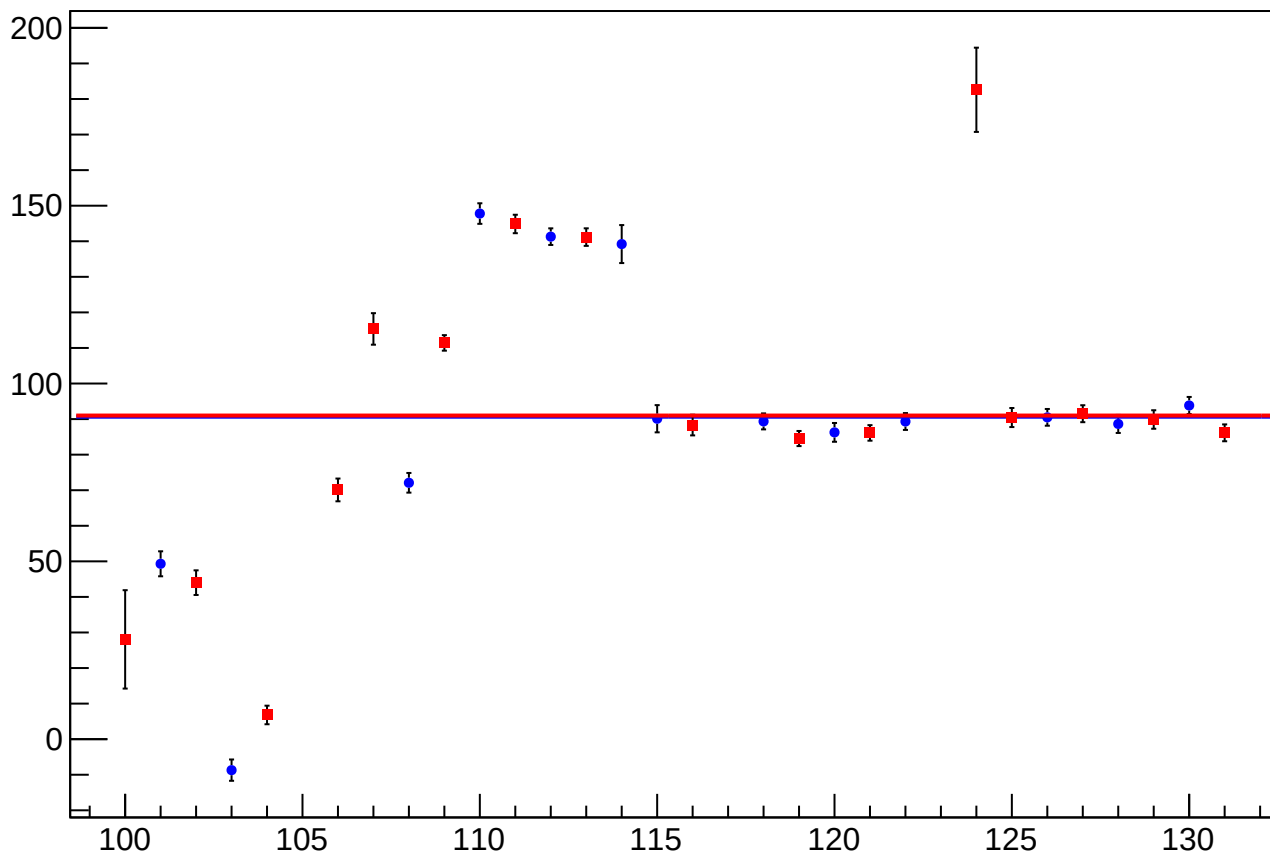
Right: -3.555 $\pm$ 0.452 χ^2 /NDF: 217.8/28

In: -3.868 $\pm$ 0.650 χ^2 /NDF:92.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.555 $\pm$ 0.452 χ^2 /NDF: 217.8/28

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.672+/-0.754 χ^2/NDF : 2231.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.995+/-0.689 χ^2/NDF : 2329.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

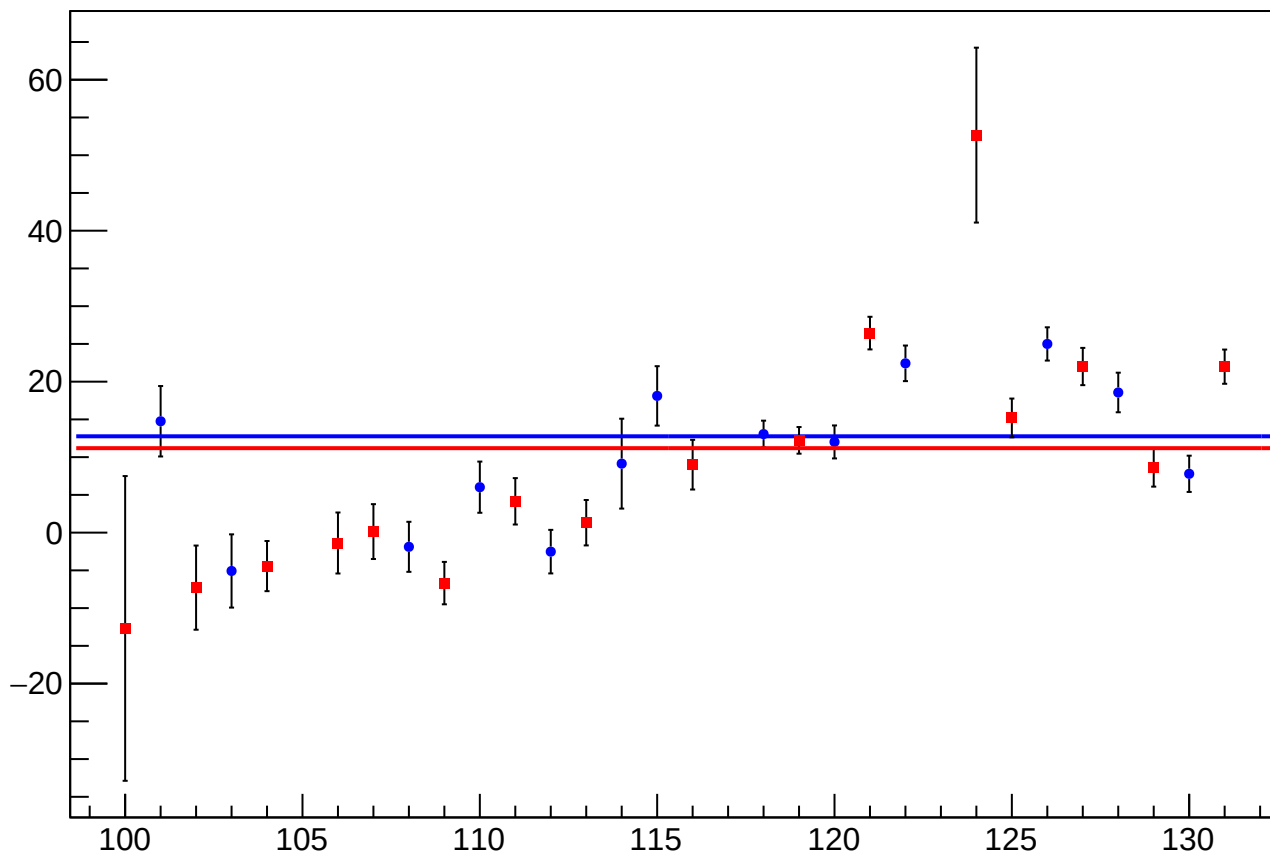
Right: 90.848+/-0.509 χ^2/NDF : 4561.7/28

In: 90.672+/-0.754 χ^2/NDF : 2231.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.848+/-0.509 χ^2/NDF : 4561.7/28

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.189 $\pm$ 0.724 χ^2 /NDF: 218.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

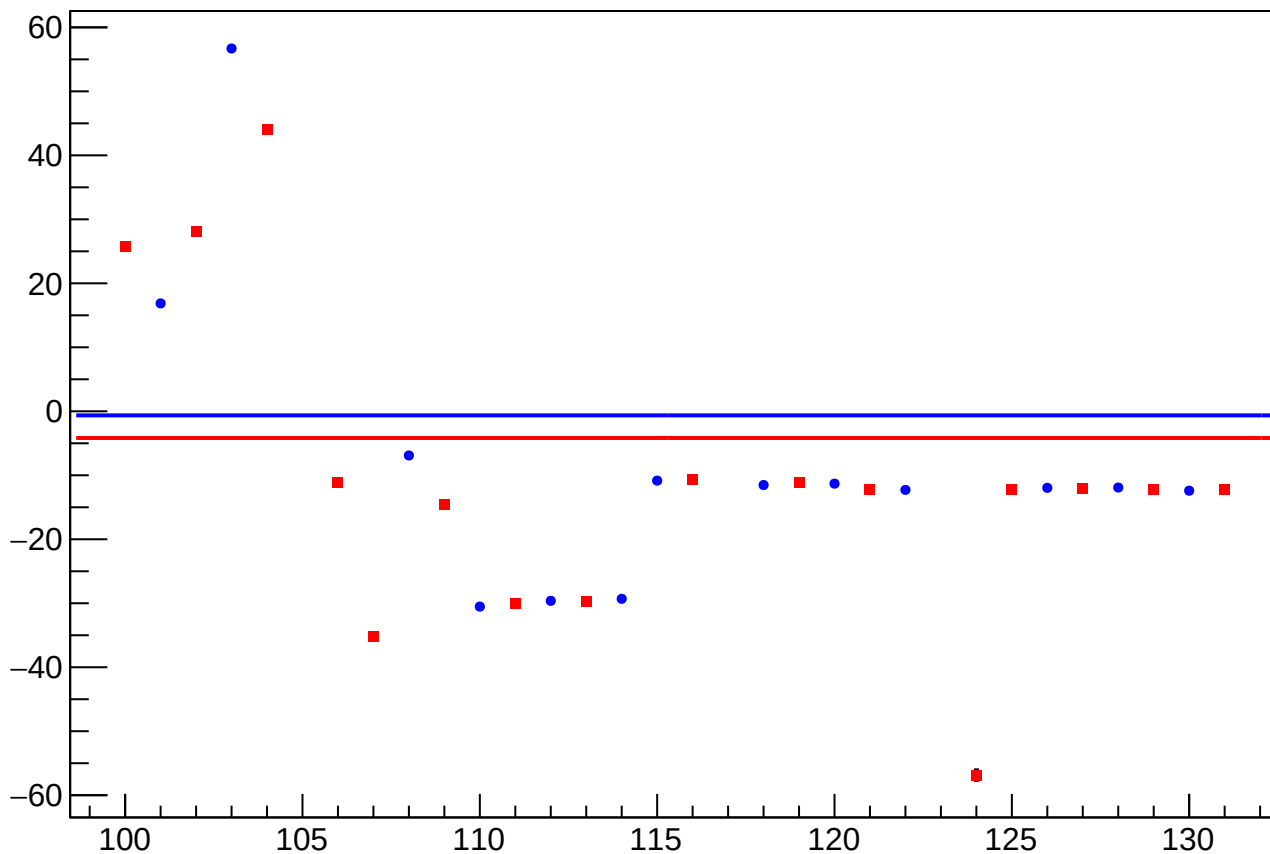
Right: 11.932 $\pm$ 0.526 χ^2 /NDF: 345.3/28

In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.932 $\pm$ 0.526 χ^2 /NDF: 345.3/28

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.640 ± 0.050 χ^2/NDF : 285545.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.171 ± 0.047 χ^2/NDF : 279230.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

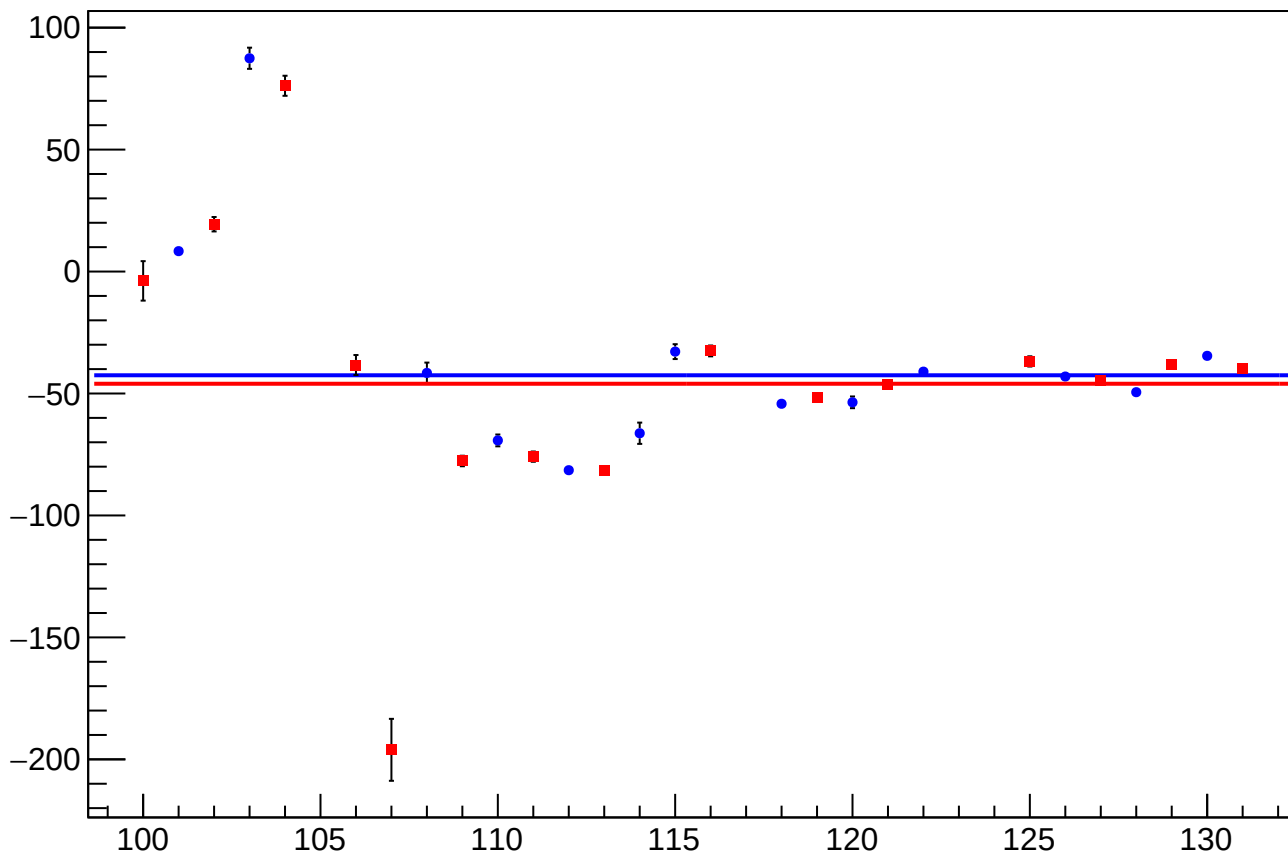
Right: -2.545 ± 0.034 χ^2/NDF : 567429.4/28

In: -0.640 ± 0.050 χ^2/NDF : 285545.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.545 ± 0.034 χ^2/NDF : 567429.4/28

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.527 ± 0.630 χ^2/NDF : 2203.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.004 ± 0.598 χ^2/NDF : 2360.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

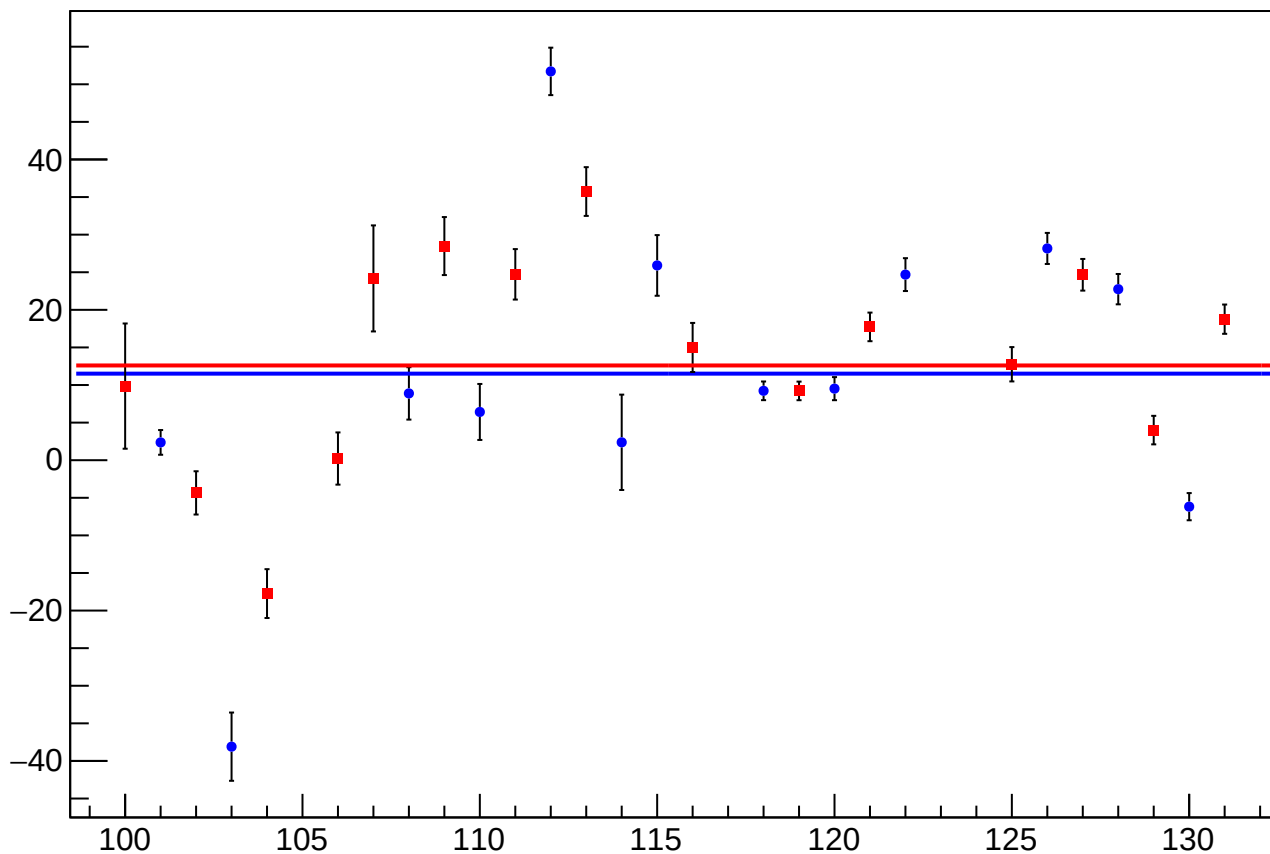
Right: -44.356 ± 0.434 χ^2/NDF : 4579.9/27

In: -42.527 ± 0.630 χ^2/NDF : 2203.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.356 ± 0.434 χ^2/NDF : 4579.9/27

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.513+/-0.595 χ^2/NDF : 563.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.601+/-0.624 χ^2/NDF : 297.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

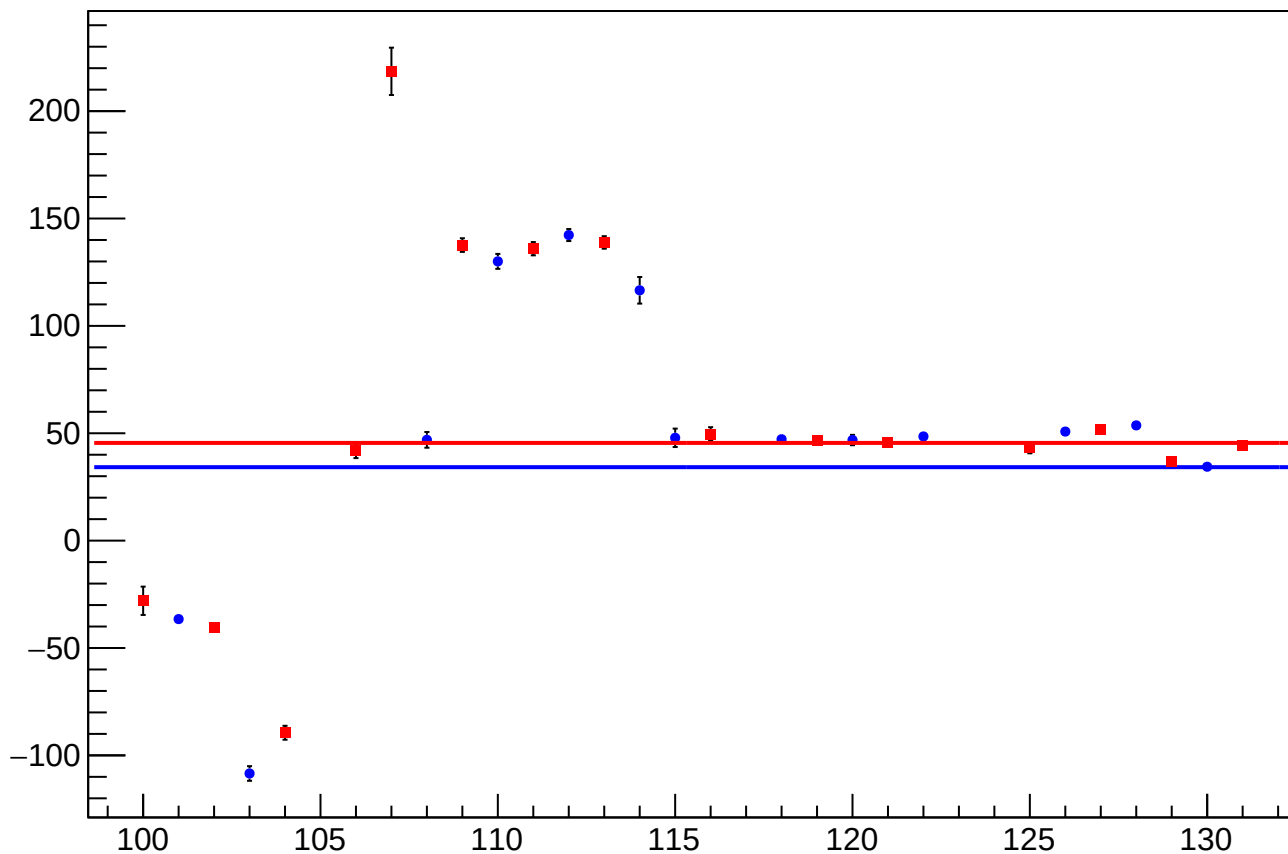
Right: 12.031+/-0.430 χ^2/NDF : 861.7/27

In: 11.513+/-0.595 χ^2/NDF : 563.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.031+/-0.430 χ^2/NDF : 861.7/27

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 34.207+/-0.690 χ^2/NDF : 6477.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.499+/-0.689 χ^2/NDF : 6234.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

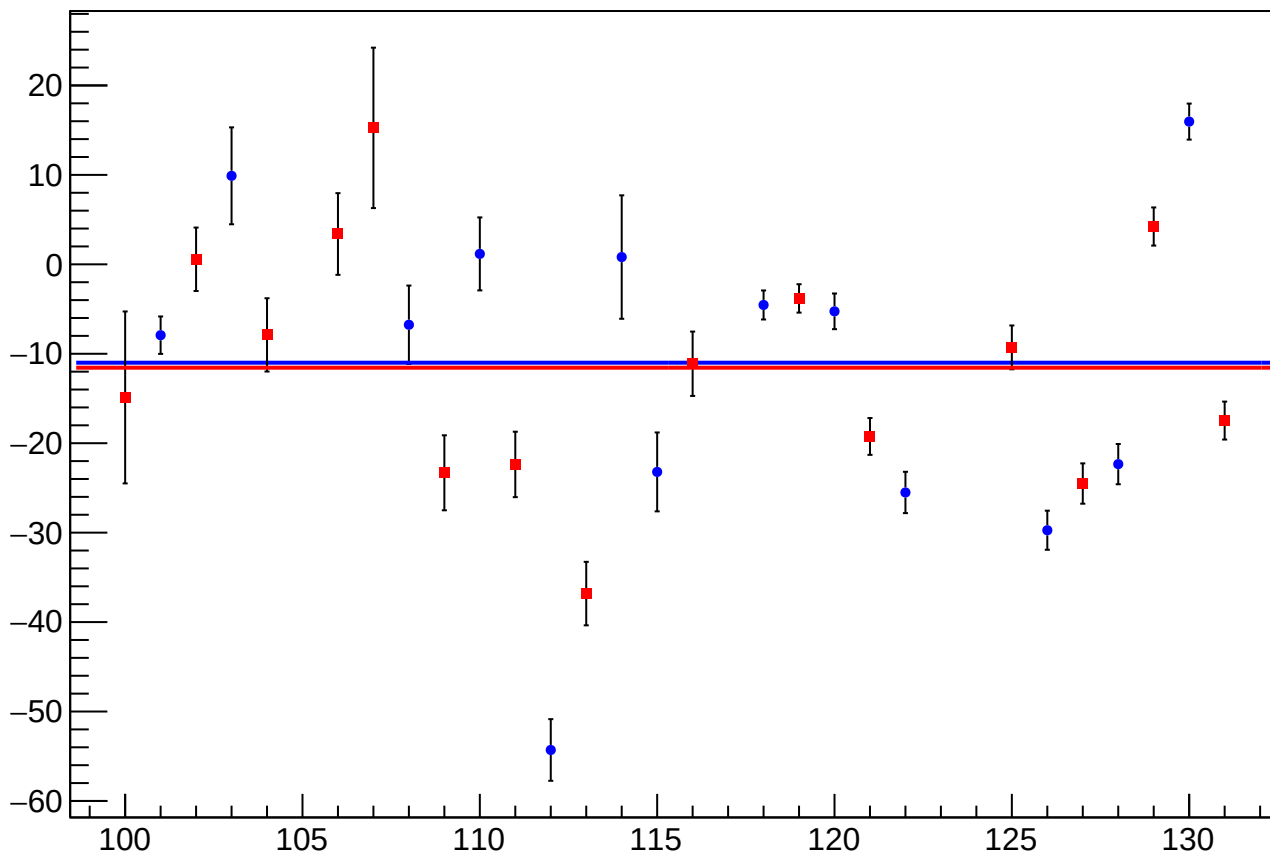
Right: 39.854+/-0.488 χ^2/NDF : 12846.4/27

In: 34.207+/-0.690 χ^2/NDF : 6477.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.854+/-0.488 χ^2/NDF : 12846.4/27

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.998 $\pm$ 0.707 χ^2 /NDF: 536.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.557 $\pm$ 0.719 χ^2 /NDF: 233.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

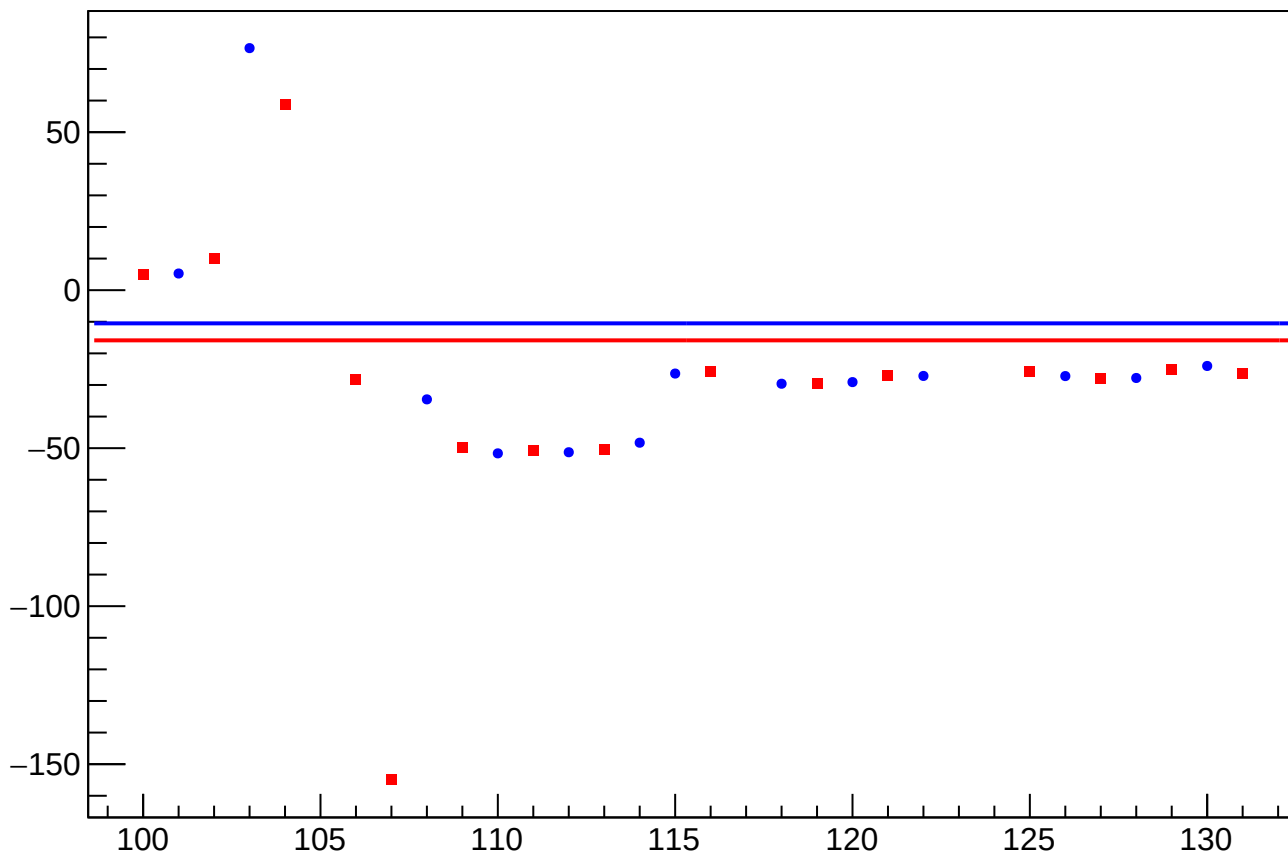
Right: -11.273 $\pm$ 0.504 χ^2 /NDF: 770.7/27

In: -10.998 $\pm$ 0.707 χ^2 /NDF:536.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.273 $\pm$ 0.504 χ^2 /NDF: 770.7/27

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.501+/-0.047 χ^2/NDF : 549277.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.881+/-0.047 χ^2/NDF : 491838.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

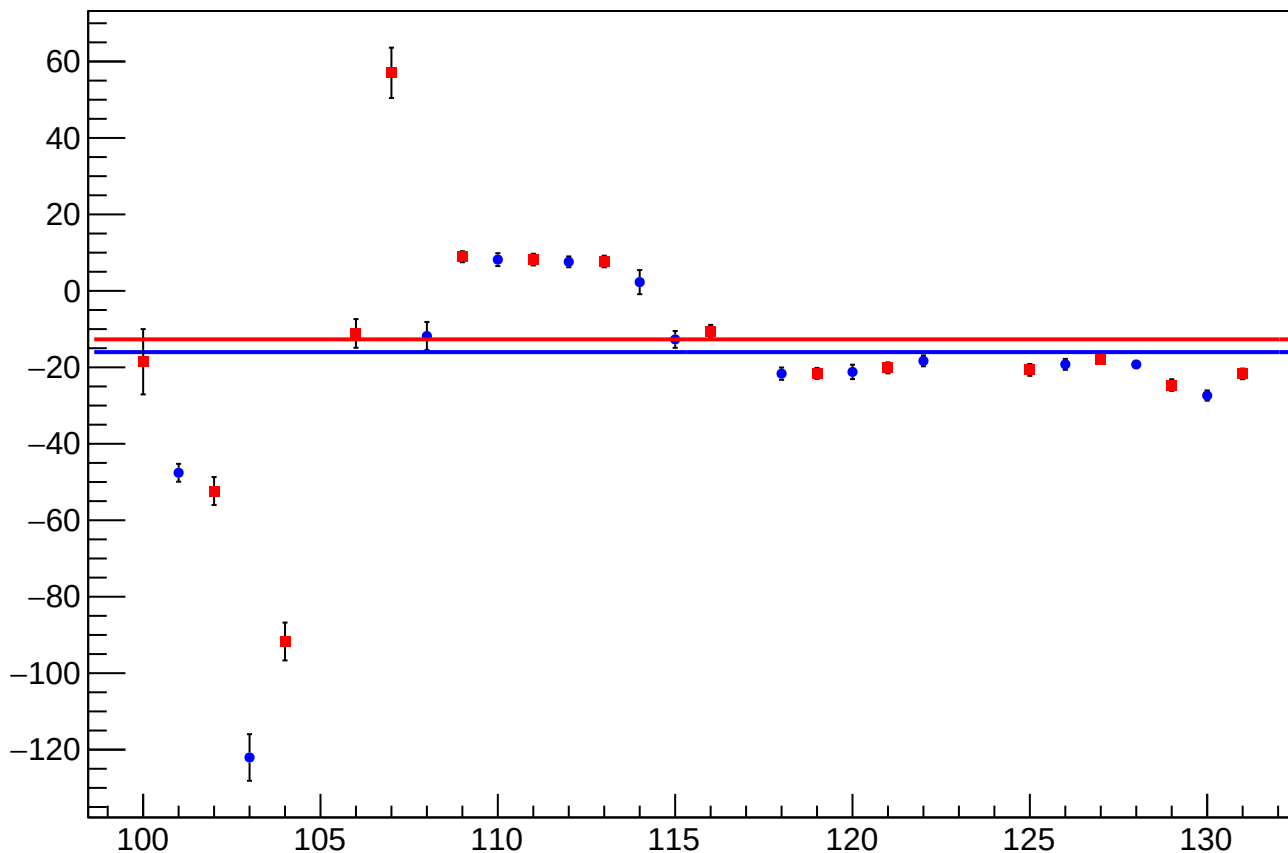
Right: -13.213+/-0.033 χ^2/NDF : 1047728.7/27

In: -10.501+/-0.047 χ^2/NDF : 549277.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.213+/-0.033 χ^2/NDF : 1047728.7/27

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.017 ± 0.485 $\chi^2/\text{NDF}: 1113.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.684 ± 0.450 $\chi^2/\text{NDF}: 1294.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

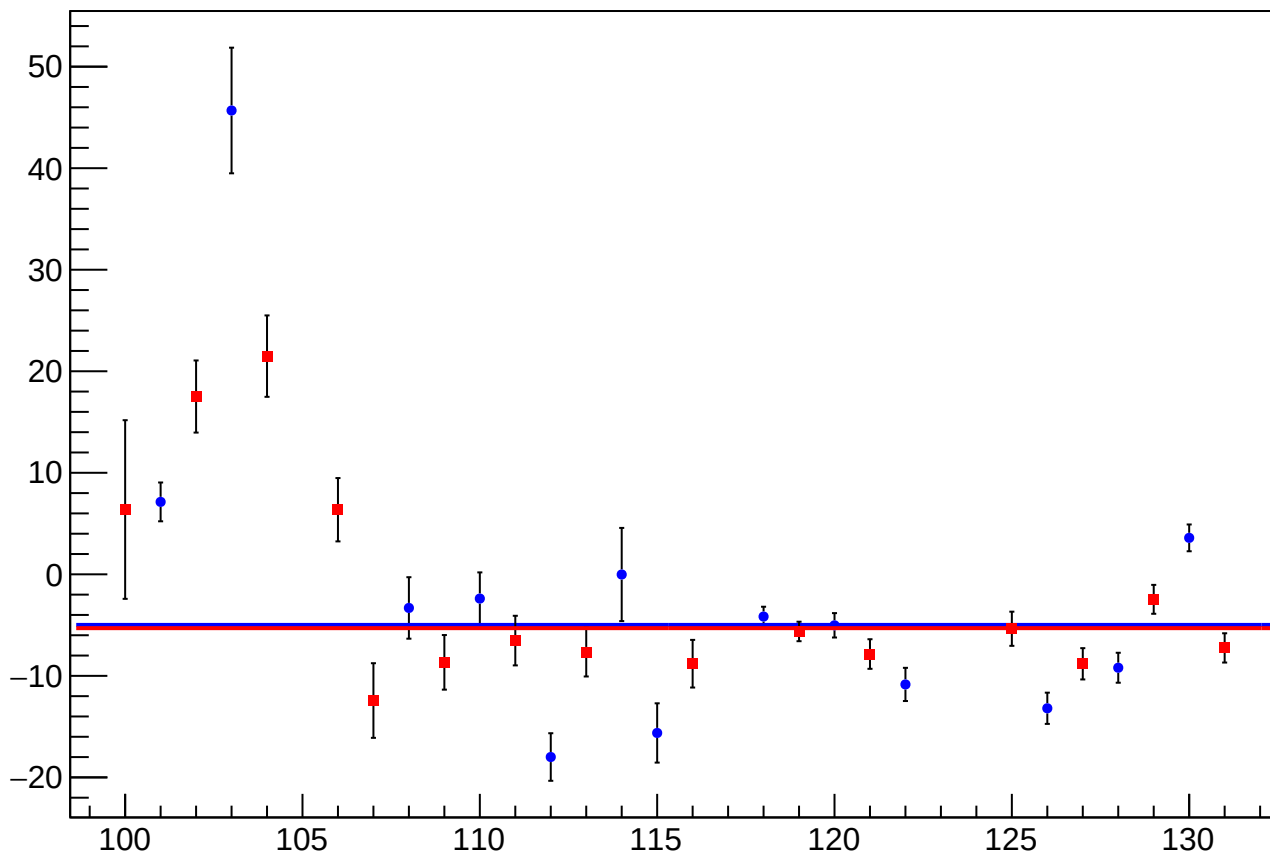
Right: -14.225 ± 0.330 $\chi^2/\text{NDF}: 2432.8/27$

In: -16.017 ± 0.485 $\chi^2/\text{NDF}: 1113.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.225 ± 0.330 $\chi^2/\text{NDF}: 2432.8/27$

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.982 $\pm$ 0.472 χ^2 /NDF: 246.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.302 $\pm$ 0.482 χ^2 /NDF: 124.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

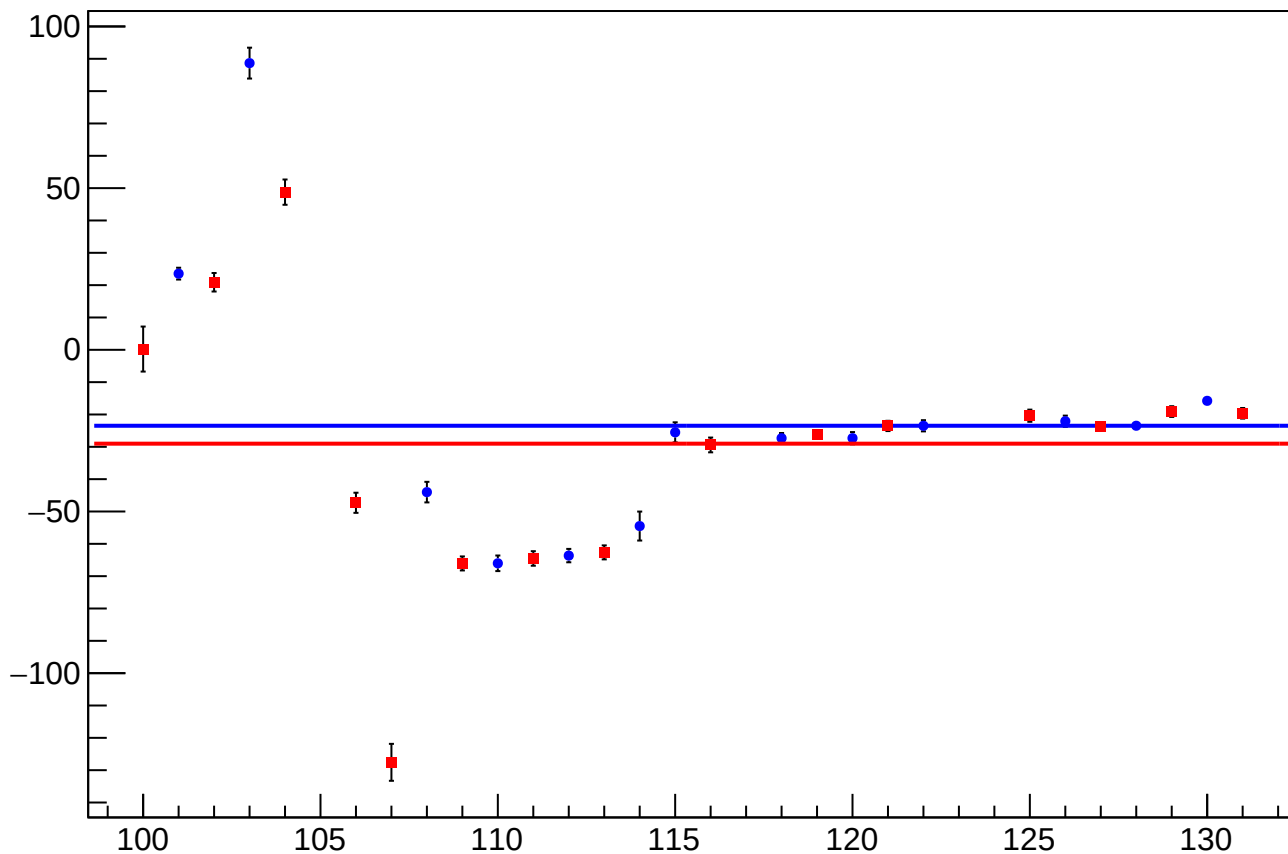
Right: -5.138 $\pm$ 0.337 χ^2 /NDF: 371.2/27

In: -4.982 $\pm$ 0.472 χ^2 /NDF:246.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.138 $\pm$ 0.337 χ^2 /NDF: 371.2/27

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.484+/-0.557 χ^2/NDF : 2030.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.025+/-0.539 χ^2/NDF : 1951.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

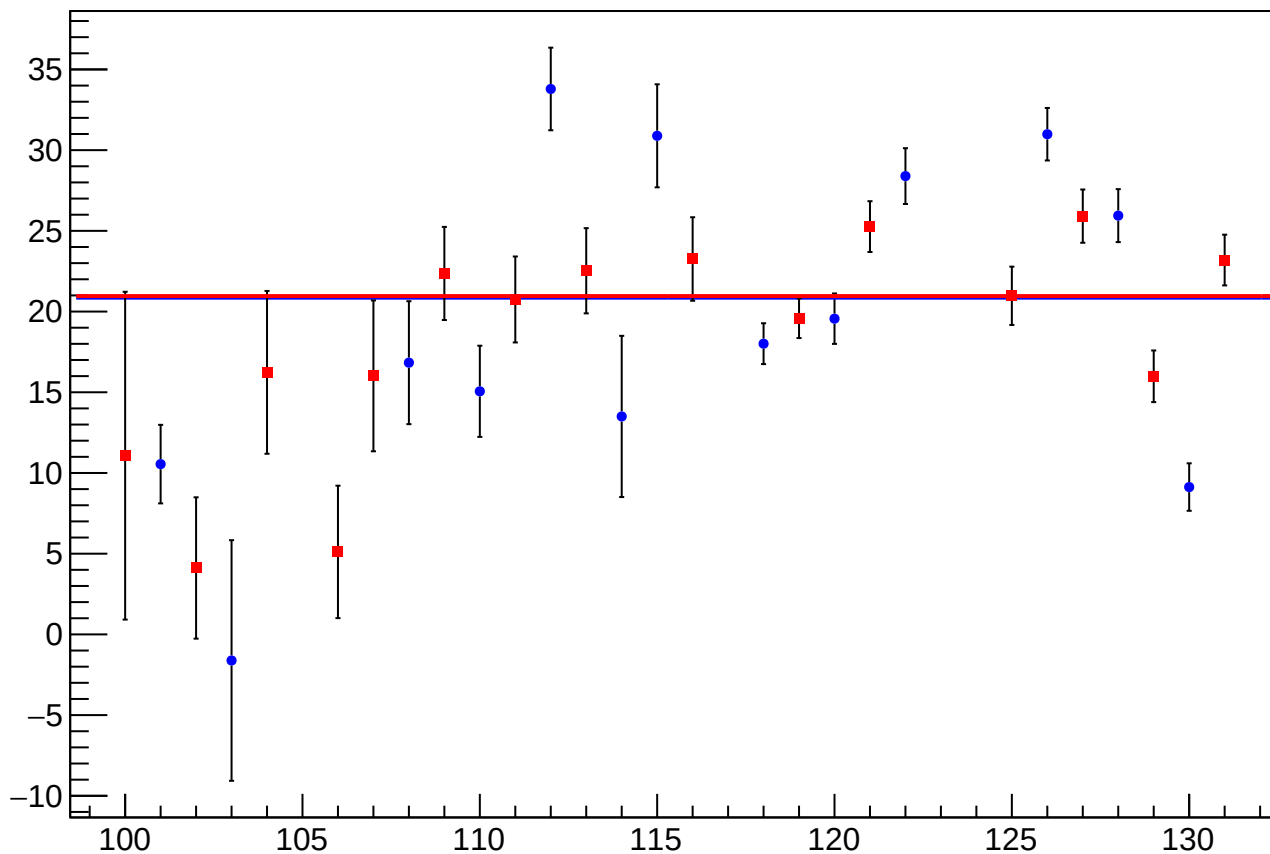
Right: -26.345+/-0.387 χ^2/NDF : 4032.7/27

In: -23.484+/-0.557 χ^2/NDF : 2030.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.345+/-0.387 χ^2/NDF : 4032.7/27

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.863+/-0.554 χ^2/NDF : 206.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.959+/-0.551 χ^2/NDF : 63.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

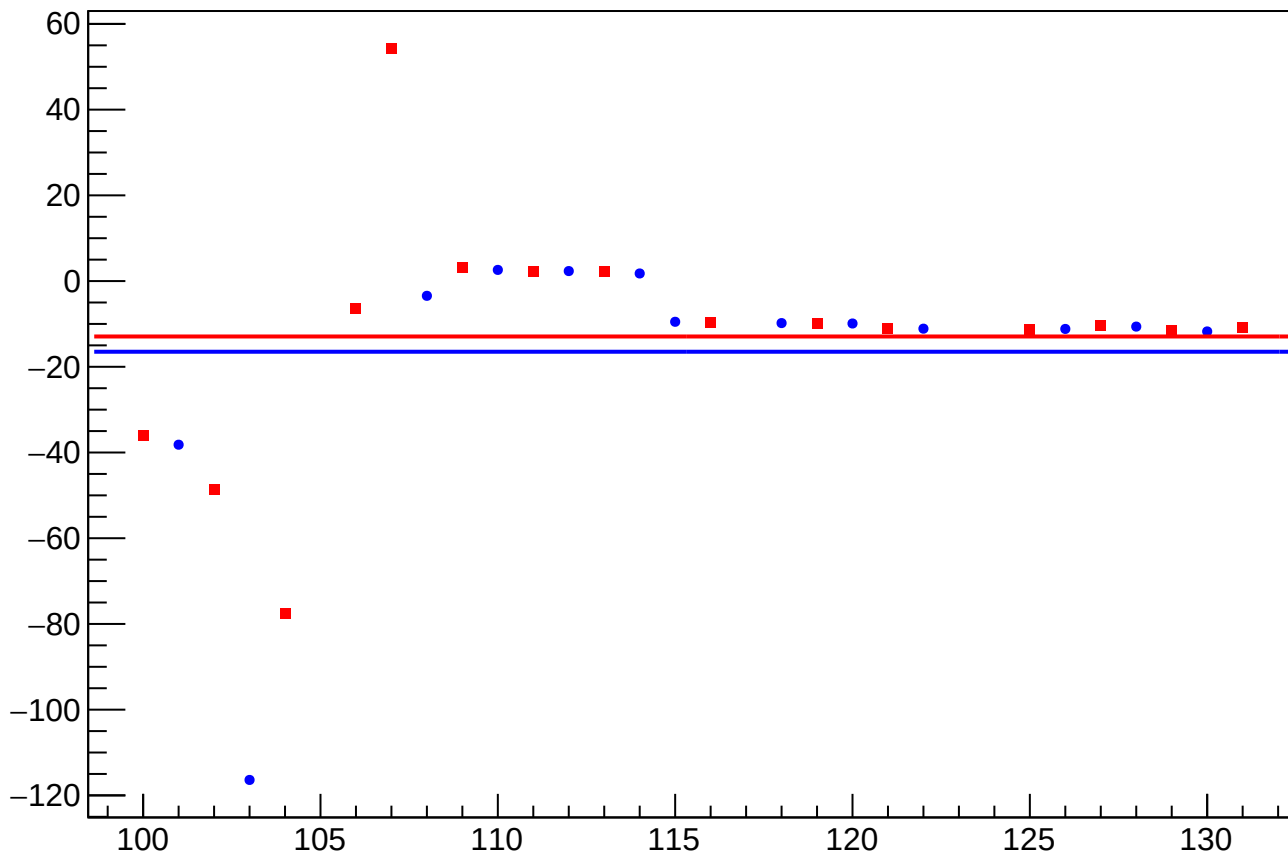
Right: 20.911+/-0.391 χ^2/NDF : 270.2/27

In: 20.863+/-0.554 χ^2/NDF : 206.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.911+/-0.391 χ^2/NDF : 270.2/27

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.488+/-0.041 χ^2/NDF : 330741.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -12.929+/-0.039 χ^2/NDF : 311053.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

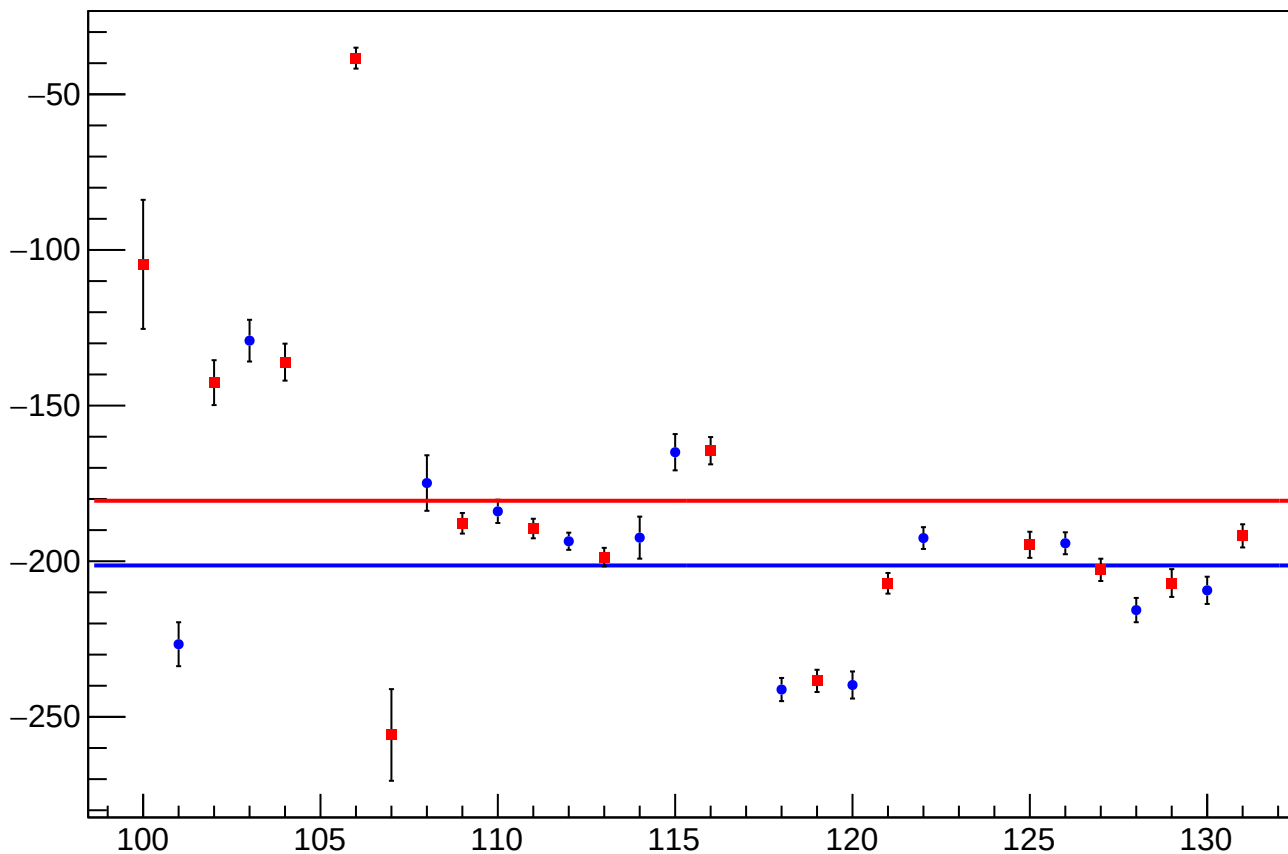
Right: -14.645+/-0.028 χ^2/NDF : 645792.3/27

In: -16.488+/-0.041 χ^2/NDF :330741.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.645+/-0.028 χ^2/NDF : 645792.3/27

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -201.356 ± 1.183 $\chi^2/\text{NDF}: 427.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -180.570 ± 1.039 $\chi^2/\text{NDF}: 2393.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

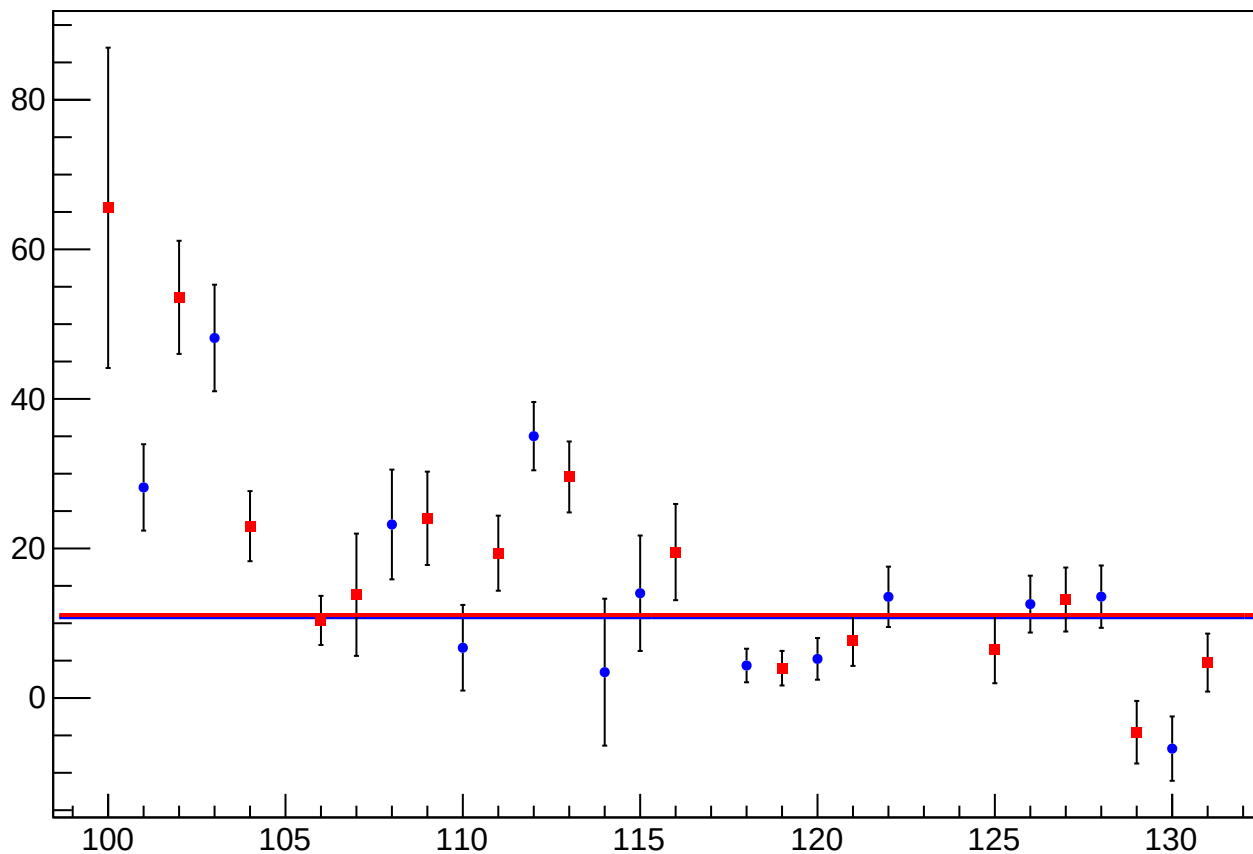
Right: -189.616 ± 0.781 $\chi^2/\text{NDF}: 2995.4/27$

In: -201.356 ± 1.183 $\chi^2/\text{NDF}: 427.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -189.616 ± 0.781 $\chi^2/\text{NDF}: 2995.4/27$

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.805+/-1.160 χ^2/NDF : 98.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.103+/-1.112 χ^2/NDF : 96.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

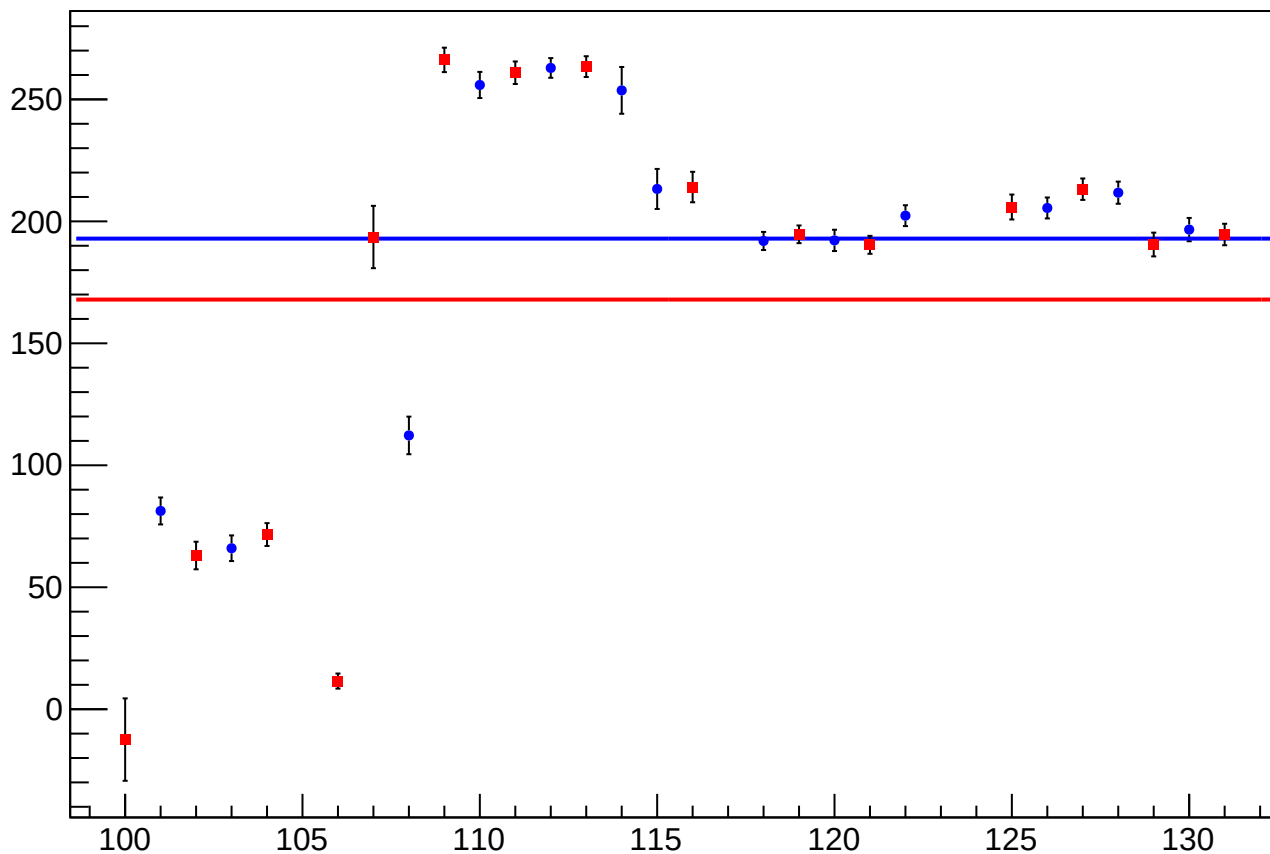
Right: 10.960+/-0.803 χ^2/NDF : 195.8/27

In: 10.805+/-1.160 χ^2/NDF : 98.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.960+/-0.803 χ^2/NDF : 195.8/27

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 192.929+/-1.368 χ^2/NDF : 1616.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.940+/-1.201 χ^2/NDF : 5108.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

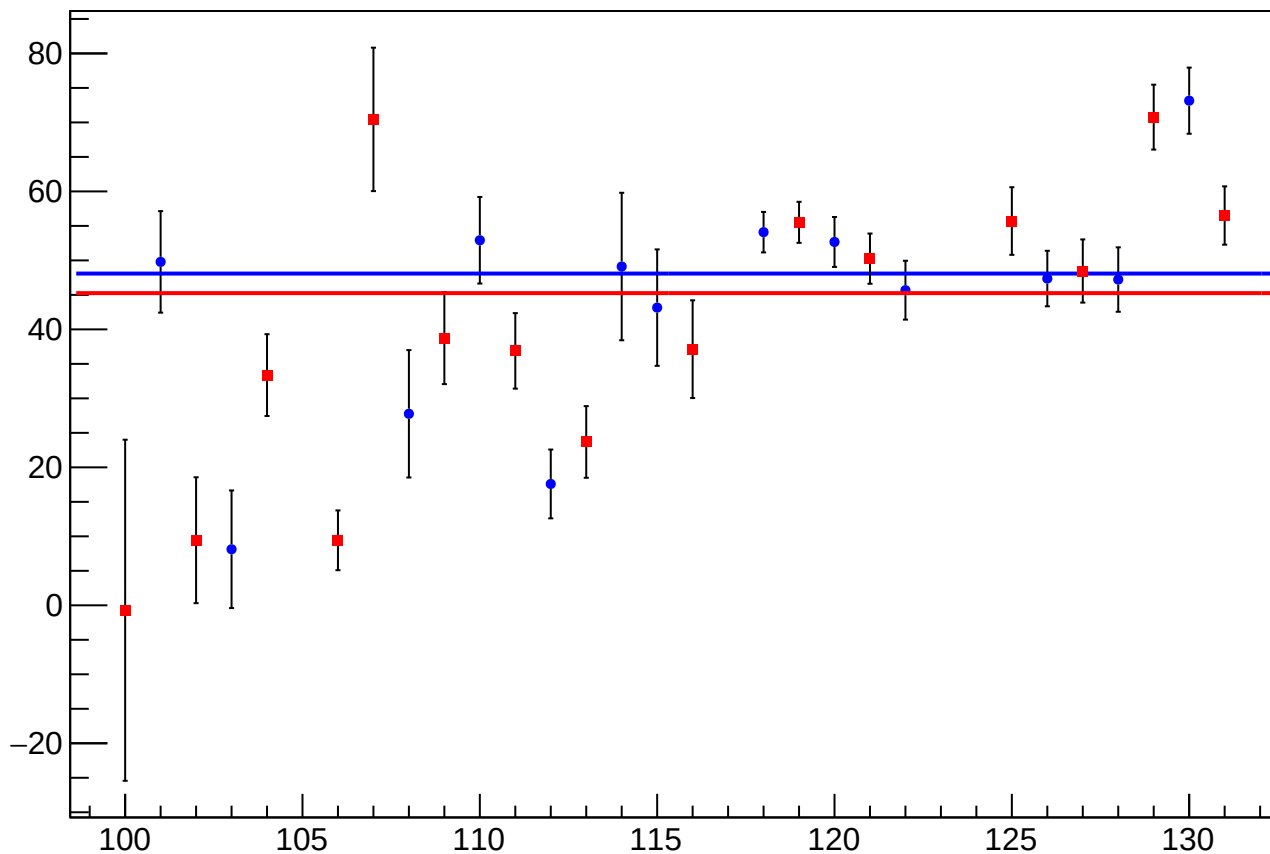
Right: 178.818+/-0.903 χ^2/NDF : 6913.8/27

In: 192.929+/-1.368 χ^2/NDF : 1616.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.818+/-0.903 χ^2/NDF : 6913.8/27

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.091+/-1.372 χ^2 /NDF: 98.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.256+/-1.295 χ^2 /NDF: 174.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

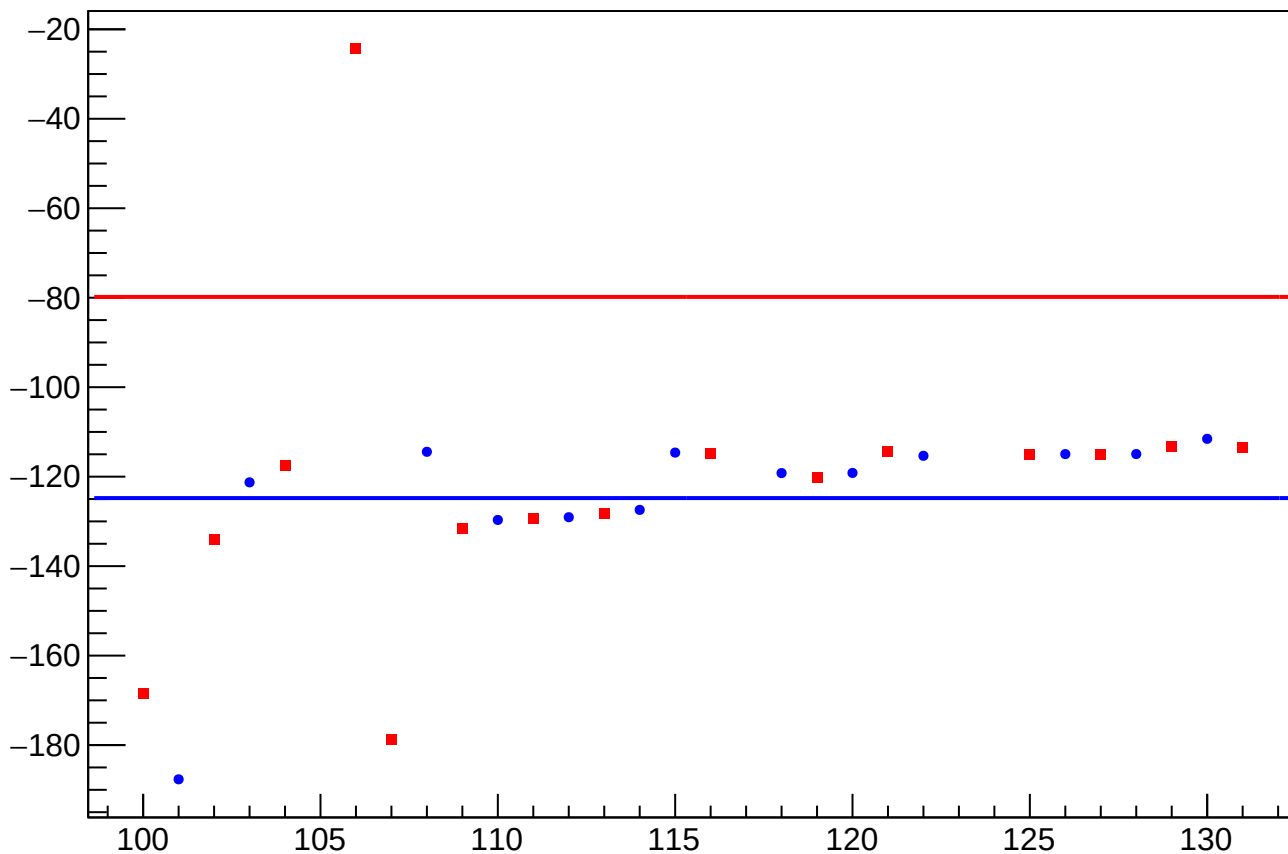
Right: 46.591+/-0.942 χ^2 /NDF: 275.4/27

In: 48.091+/-1.372 χ^2 /NDF:98.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 46.591+/-0.942 χ^2 /NDF: 275.4/27

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -124.788+/-0.095 χ^2/NDF : 42386.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.820+/-0.068 χ^2/NDF : 552704.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

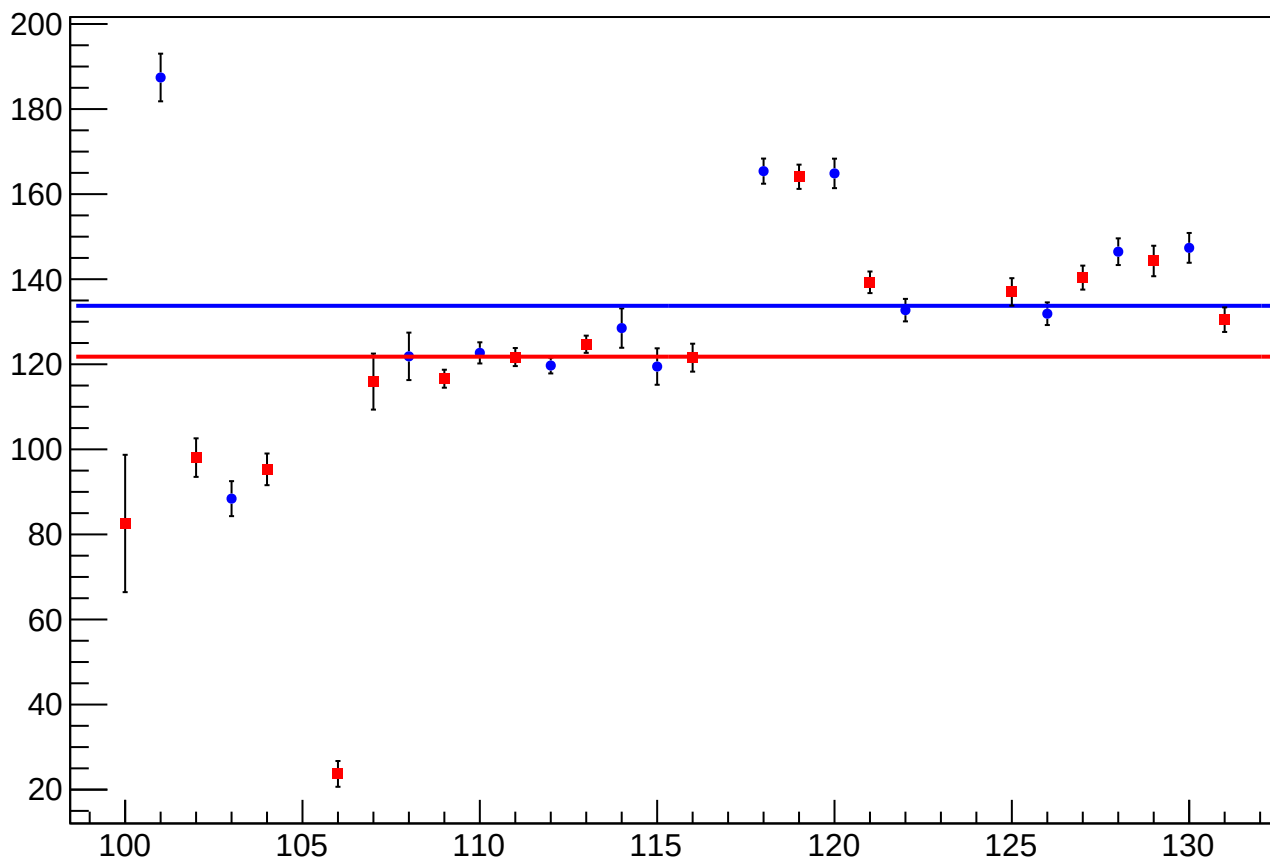
Right: -95.086+/-0.055 χ^2/NDF : 744164.7/27

In: -124.788+/-0.095 χ^2/NDF : 42386.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.086+/-0.055 χ^2/NDF : 744164.7/27

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 133.746 $\pm$ 0.864 χ^2 /NDF: 534.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.788 $\pm$ 0.759 χ^2 /NDF: 1520.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

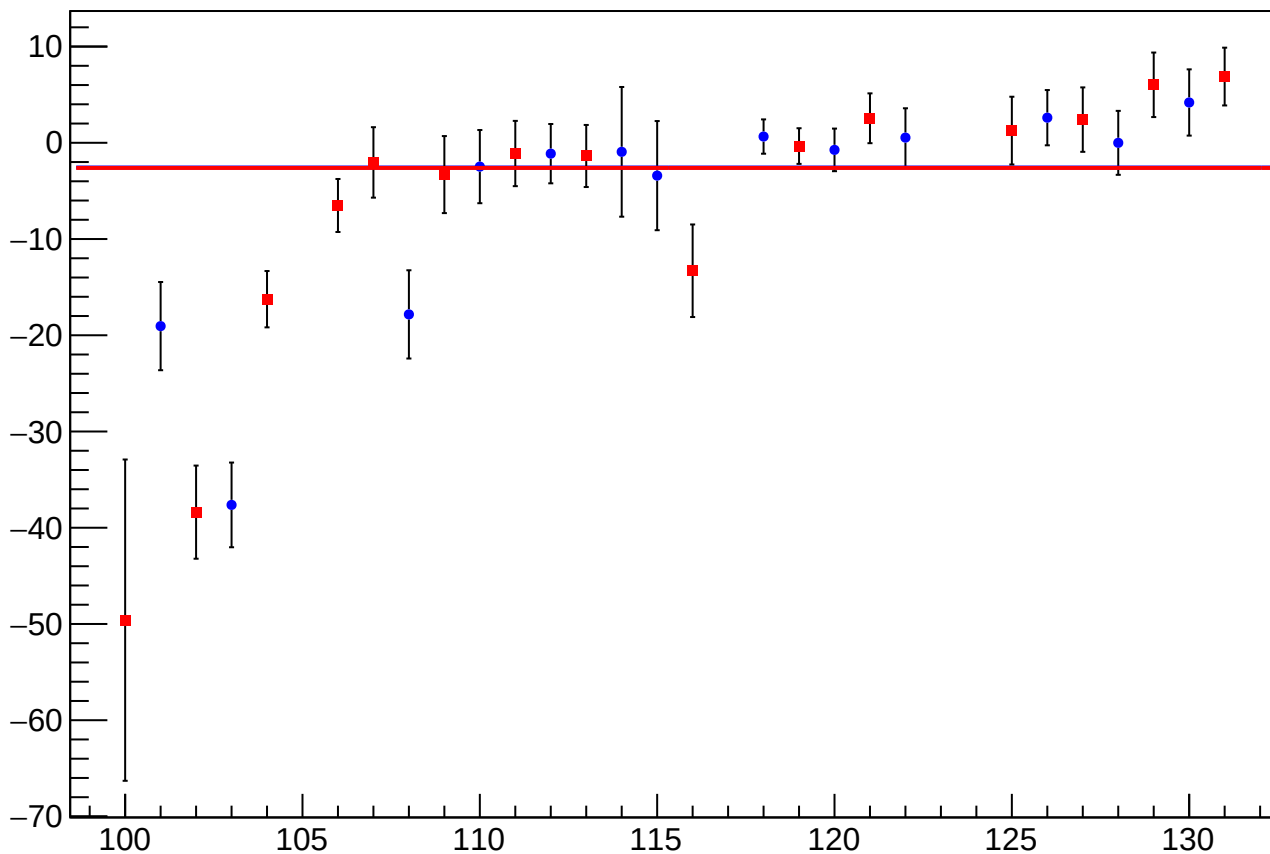
Right: 126.992 $\pm$ 0.570 χ^2 /NDF: 2163.1/27

In: 133.746 $\pm$ 0.864 χ^2 /NDF:534.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.992 $\pm$ 0.570 χ^2 /NDF: 2163.1/27

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.571 $\pm$ 0.878 χ^2 /NDF: 100.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.612 $\pm$ 0.825 χ^2 /NDF: 117.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

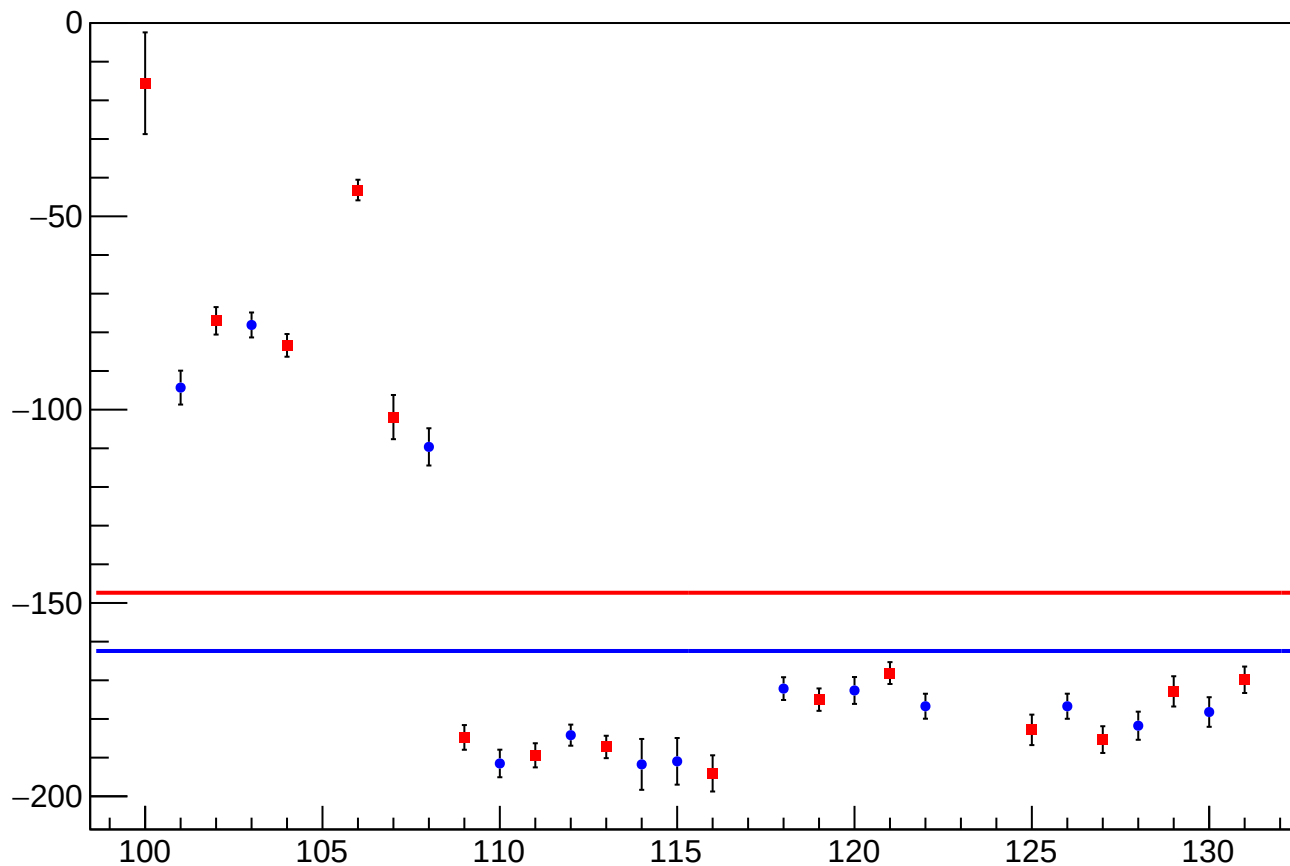
Right: -2.593 $\pm$ 0.601 χ^2 /NDF: 217.6/27

In: -2.571 $\pm$ 0.878 χ^2 /NDF:100.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.593 $\pm$ 0.601 χ^2 /NDF: 217.6/27

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -162.417+/-1.006 χ^2/NDF : 1320.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.356+/-0.884 χ^2/NDF : 3598.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

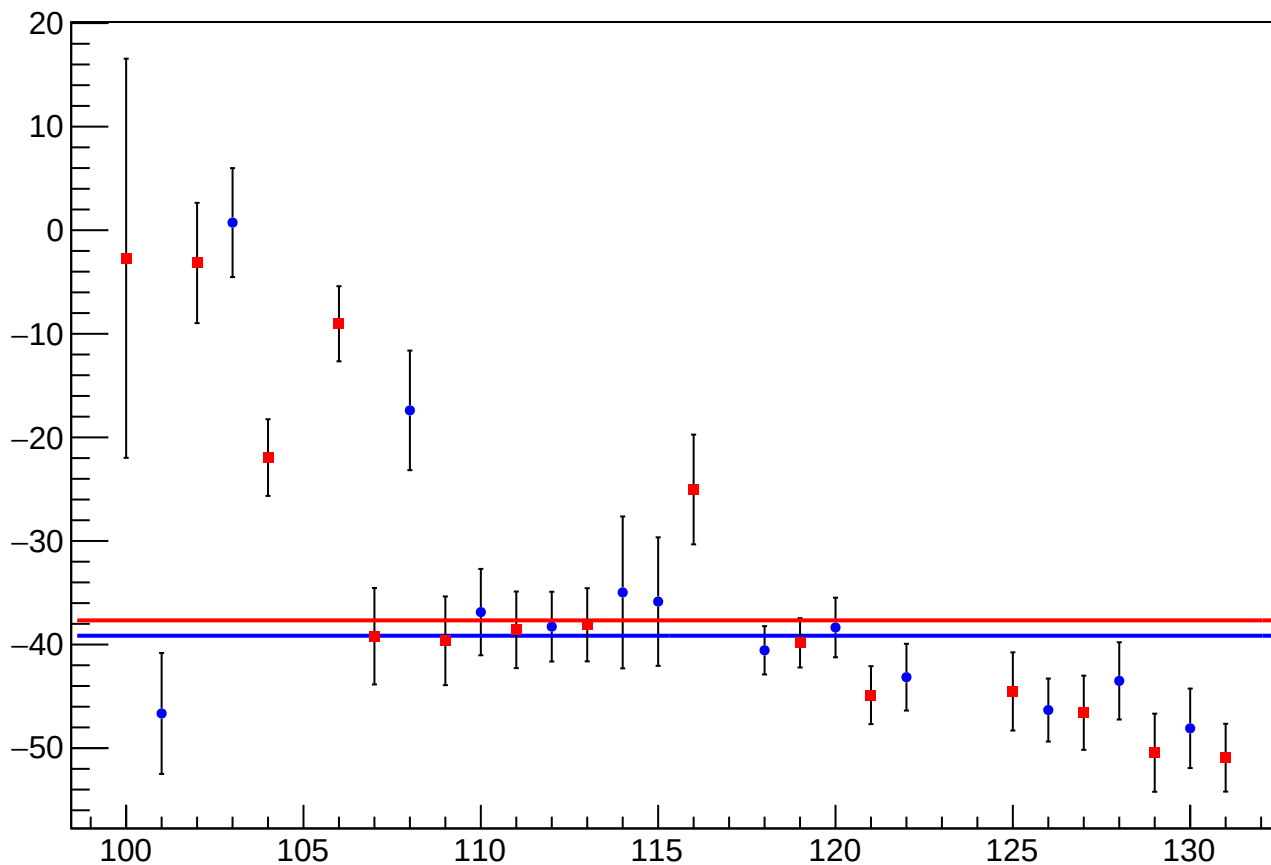
Right: -153.912+/-0.664 χ^2/NDF : 5045.5/27

In: -162.417+/-1.006 χ^2/NDF : 1320.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.912+/-0.664 χ^2/NDF : 5045.5/27

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.149+/-1.034 χ^2/NDF : 88.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.667+/-0.959 χ^2/NDF : 170.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

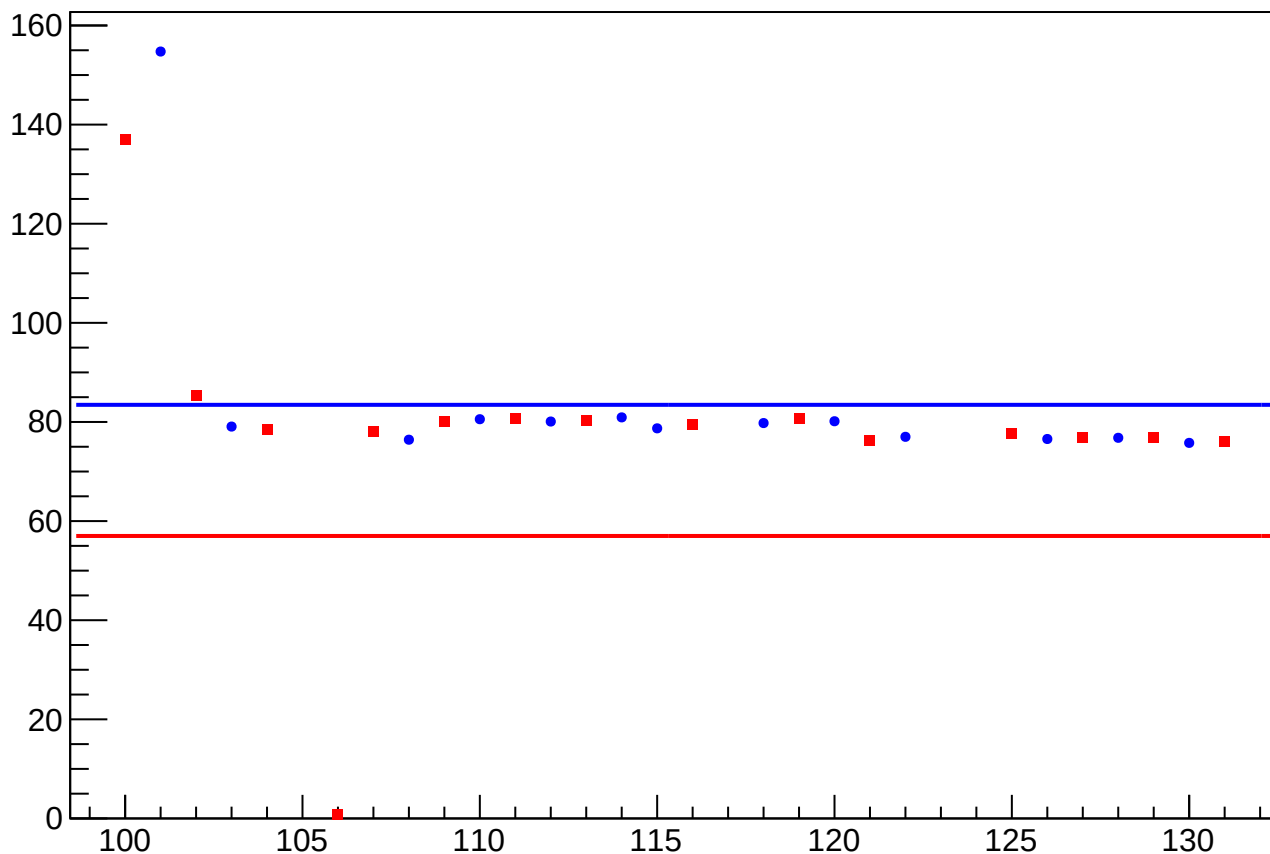
Right: -38.352+/-0.703 χ^2/NDF : 259.7/27

In: -39.149+/-1.034 χ^2/NDF : 88.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.352+/-0.703 χ^2/NDF : 259.7/27

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 83.458+/-0.067 χ^2/NDF : 79797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.998+/-0.052 χ^2/NDF : 488659.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

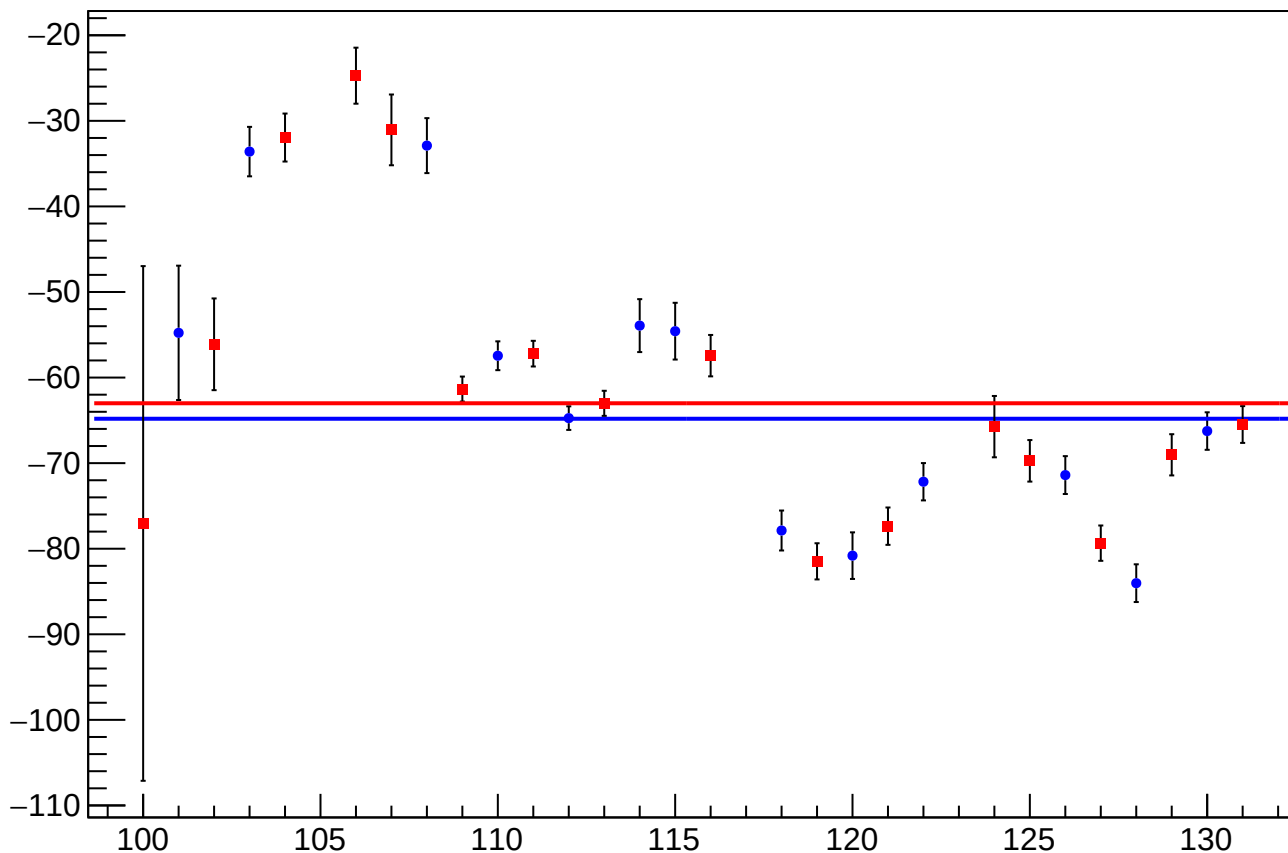
Right: 66.975+/-0.041 χ^2/NDF : 665473.0/27

In: 83.458+/-0.067 χ^2/NDF : 79797.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.975+/-0.041 χ^2/NDF : 665473.0/27

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.812 $\pm$ 0.638 χ^2 /NDF: 420.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.003 $\pm$ 0.562 χ^2 /NDF: 540.7/15

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

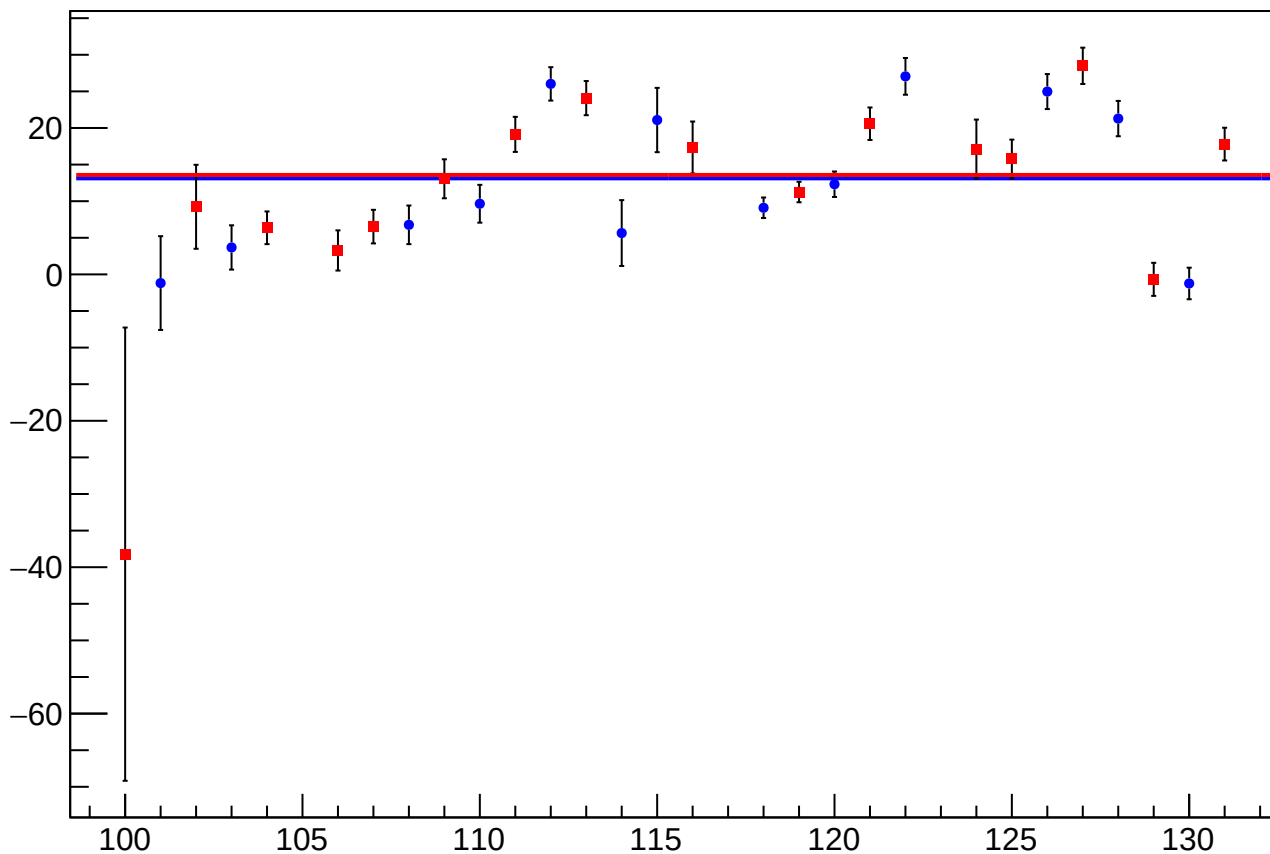
Right: -63.793 $\pm$ 0.422 χ^2 /NDF: 965.8/28

In: -64.812 $\pm$ 0.638 χ^2 /NDF:420.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.793 $\pm$ 0.422 χ^2 /NDF: 965.8/28

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.118+/-0.662 χ^2/NDF : 180.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.585+/-0.619 χ^2/NDF : 157.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

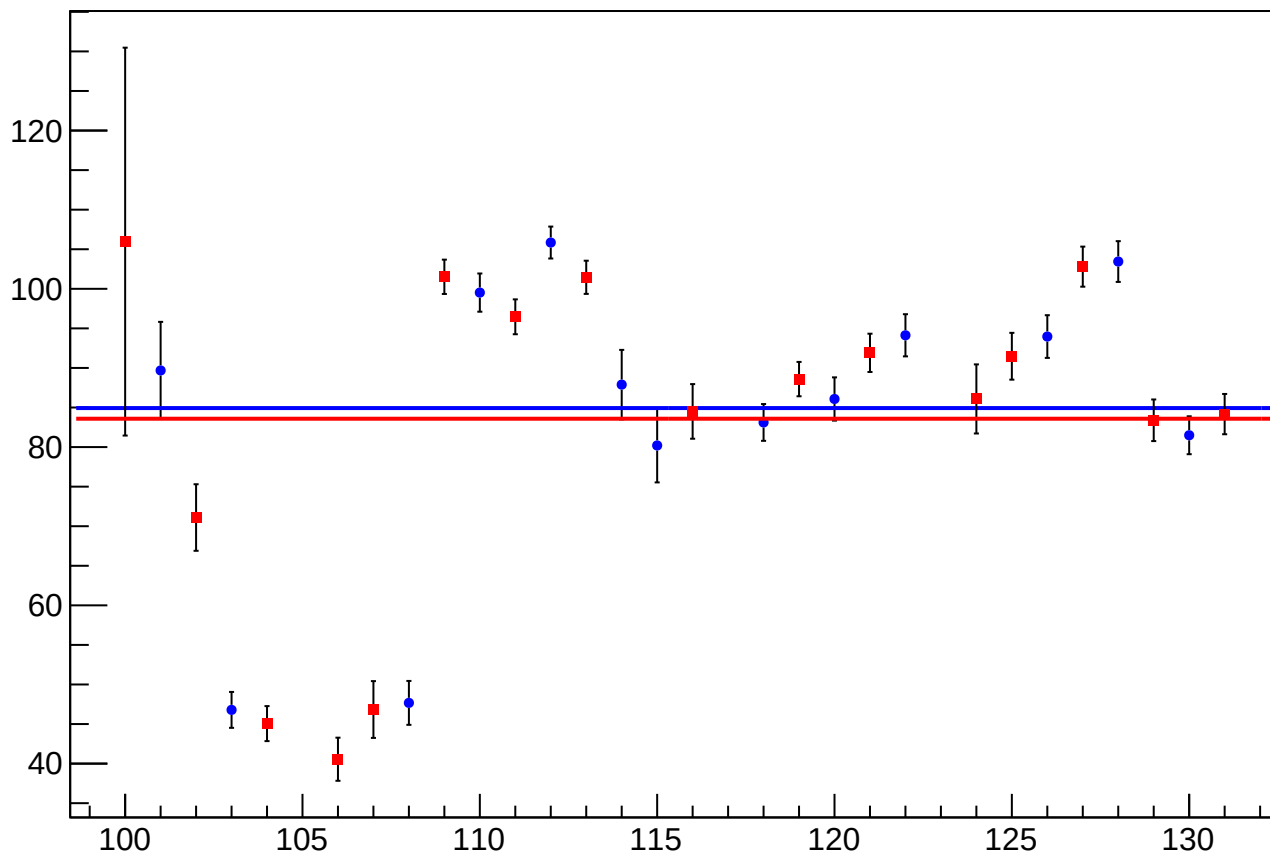
Right: 13.367+/-0.452 χ^2/NDF : 338.1/28

In: 13.118+/-0.662 χ^2/NDF : 180.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.367+/-0.452 χ^2/NDF : 338.1/28

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.930+/-0.748 χ^2/NDF : 686.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.584+/-0.673 χ^2/NDF : 924.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

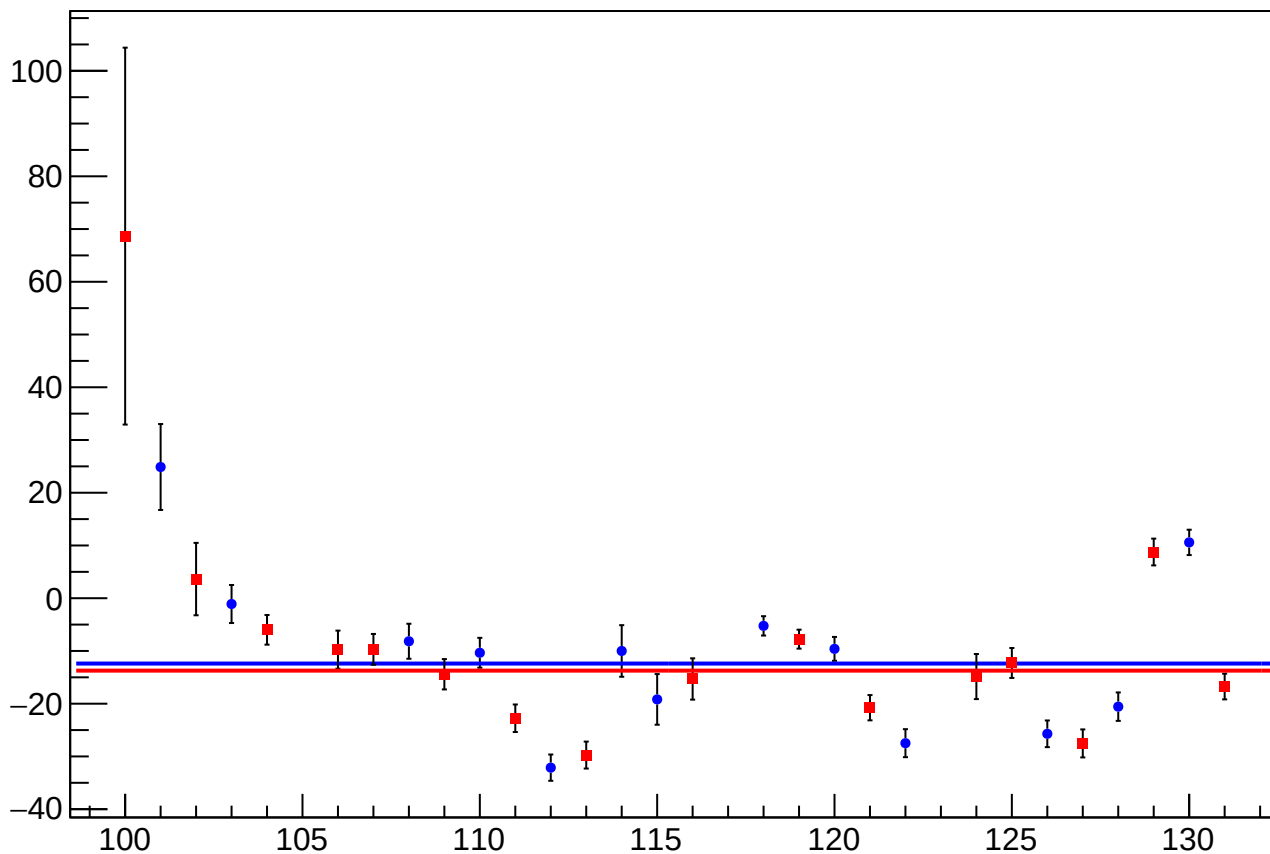
Right: 84.186+/-0.500 χ^2/NDF : 1613.5/28

In: 84.930+/-0.748 χ^2/NDF : 686.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.186+/-0.500 χ^2/NDF : 1613.5/28

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.388 $\pm$ 0.777 χ^2 /NDF: 275.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.730 $\pm$ 0.715 χ^2 /NDF: 200.8/15

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

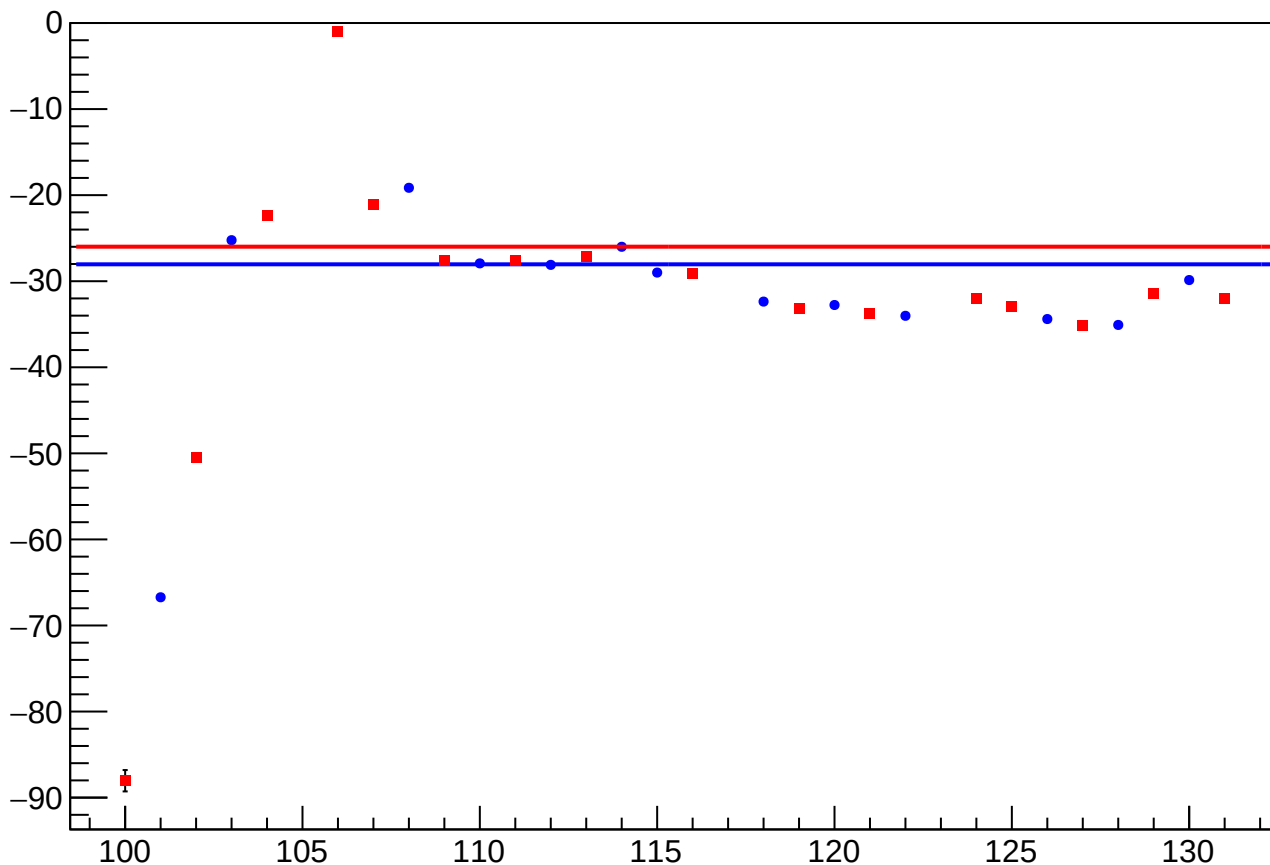
Right: -13.115 $\pm$ 0.526 χ^2 /NDF: 477.7/28

In: -12.388 $\pm$ 0.777 χ^2 /NDF:275.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.115 $\pm$ 0.526 χ^2 /NDF: 477.7/28

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.037 $\pm$ 0.048 χ^2 /NDF: 22483.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.987 $\pm$ 0.044 χ^2 /NDF: 70848.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

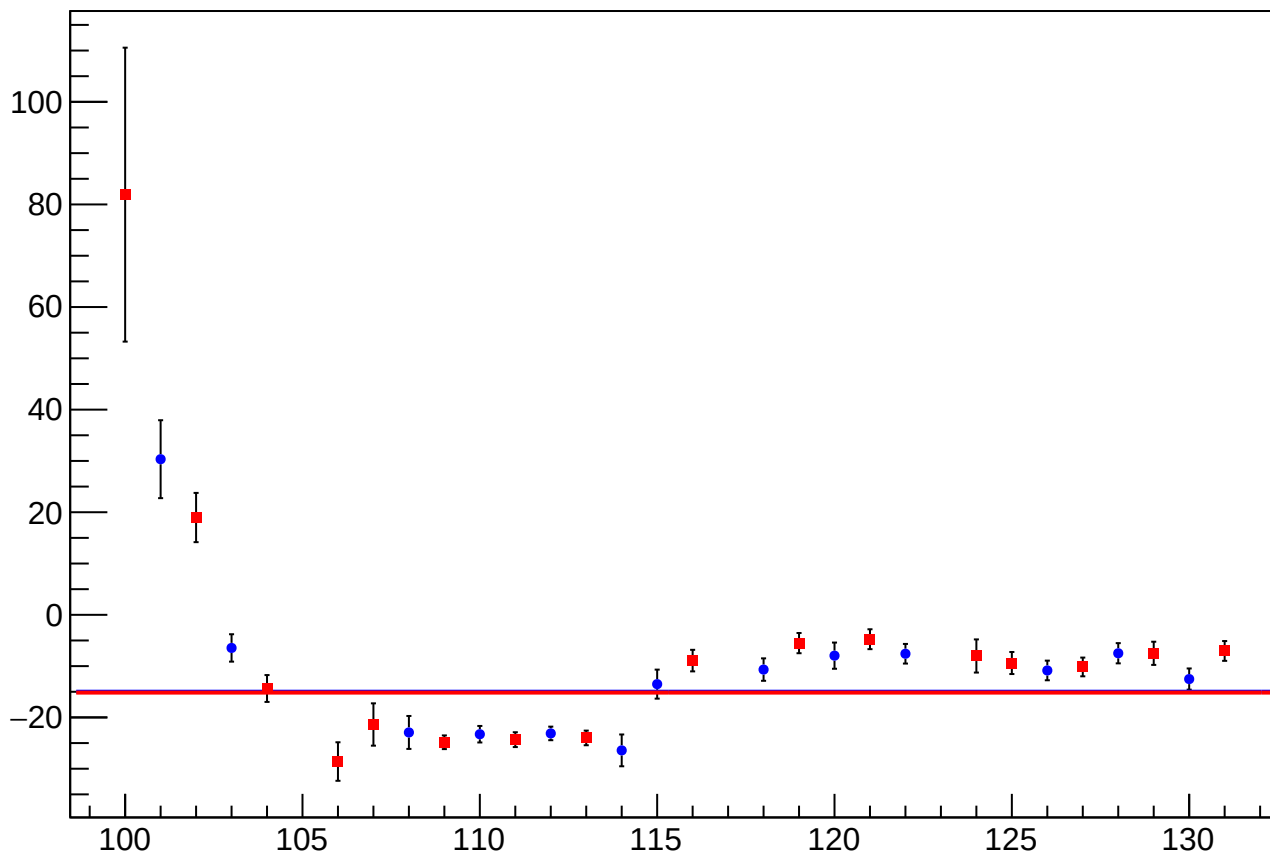
Right: -26.912 $\pm$ 0.033 χ^2 /NDF: 94313.5/28

In: -28.037 $\pm$ 0.048 χ^2 /NDF:22483.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.912 $\pm$ 0.033 χ^2 /NDF: 94313.5/28

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.987 $\pm$ 0.593 χ^2 /NDF: 177.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.161 $\pm$ 0.521 χ^2 /NDF: 319.0/15

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

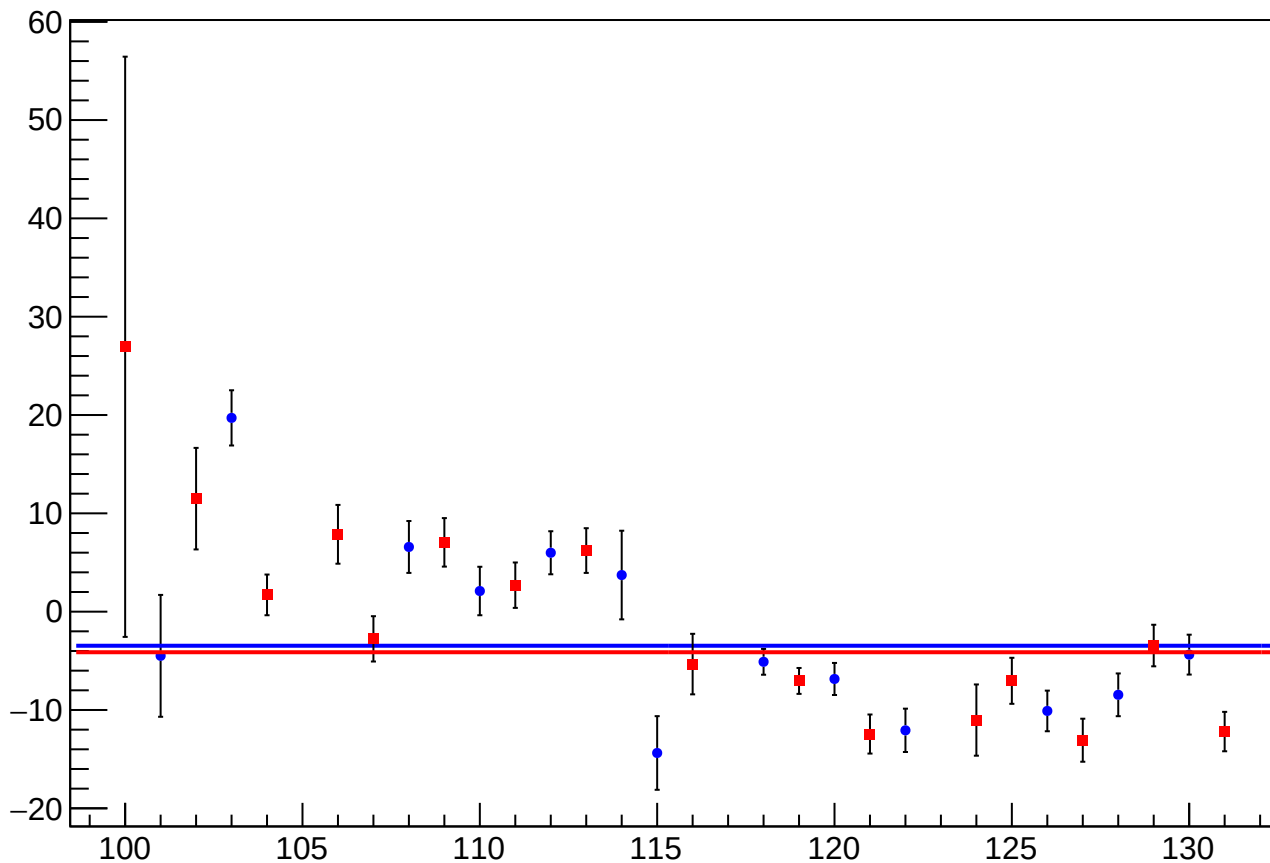
Right: -15.085 $\pm$ 0.392 χ^2 /NDF: 496.1/28

In: -14.987 $\pm$ 0.593 χ^2 /NDF:177.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.085 $\pm$ 0.392 χ^2 /NDF: 496.1/28

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.466+/-0.615 χ^2/NDF : 154.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.127+/-0.578 χ^2/NDF : 145.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

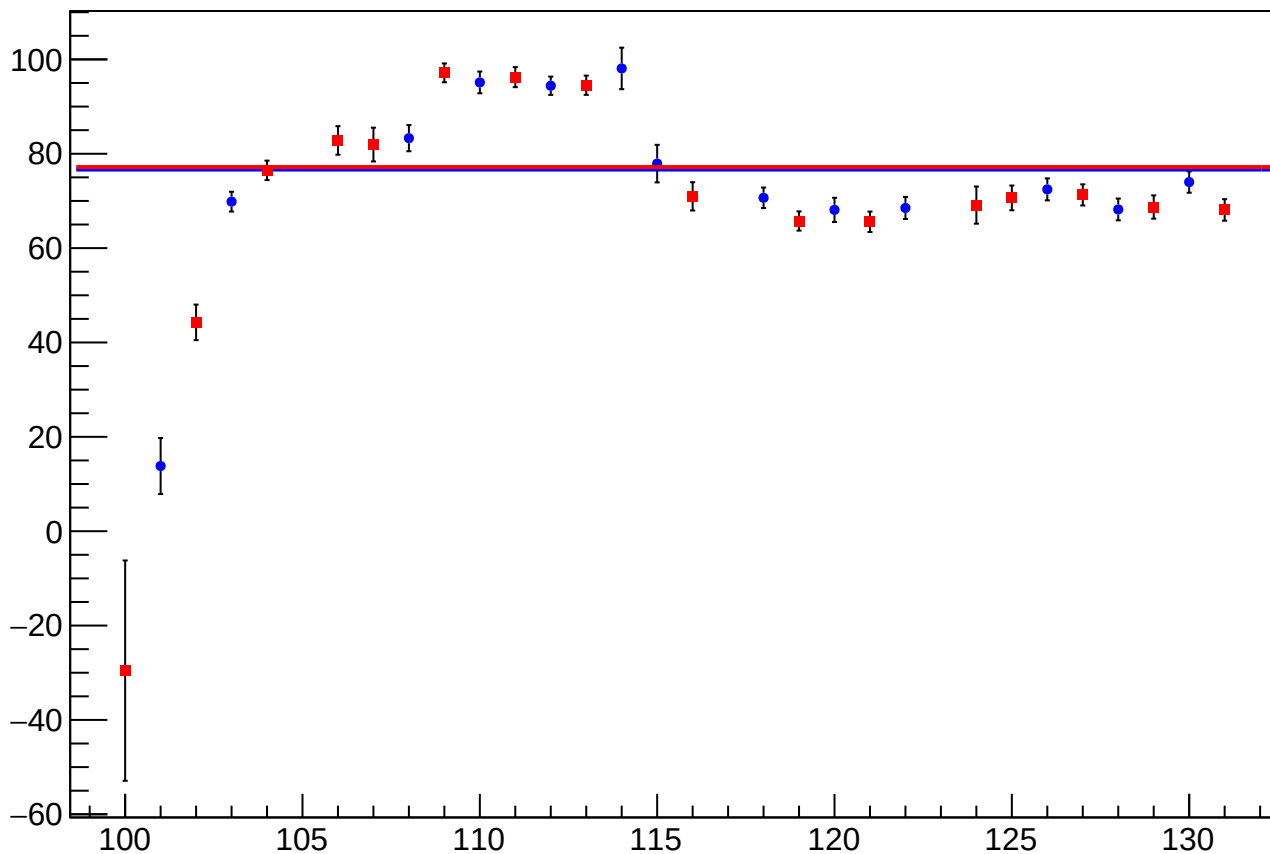
Right: -3.817+/-0.421 χ^2/NDF : 300.2/28

In: -3.466+/-0.615 χ^2/NDF :154.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.817+/-0.421 χ^2/NDF : 300.2/28

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.653+/-0.695 χ^2/NDF : 349.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.180+/-0.628 χ^2/NDF : 464.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

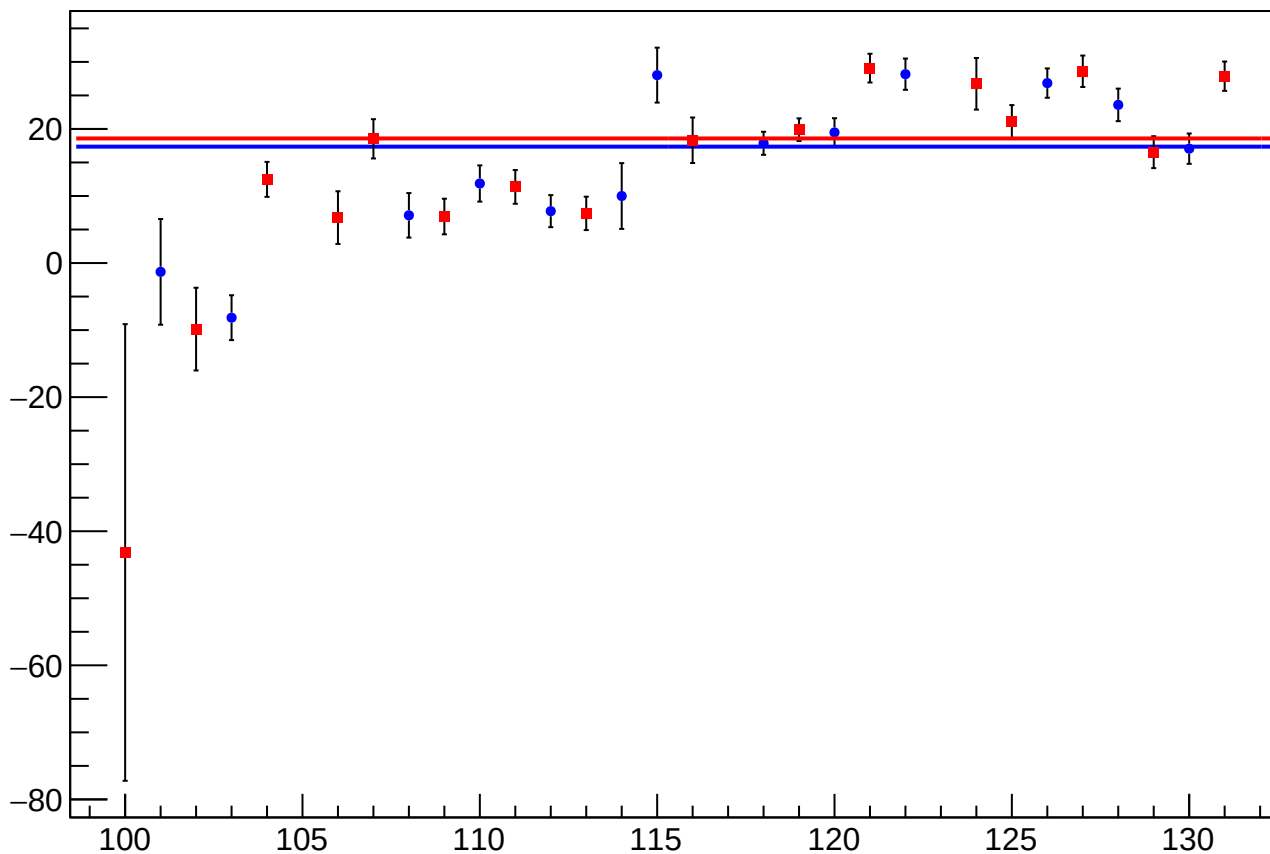
Right: 76.944+/-0.466 χ^2/NDF : 814.5/28

In: 76.653+/-0.695 χ^2/NDF : 349.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.944+/-0.466 χ^2/NDF : 814.5/28

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.361+/-0.720 χ^2 /NDF: 150.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.583+/-0.664 χ^2 /NDF: 153.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

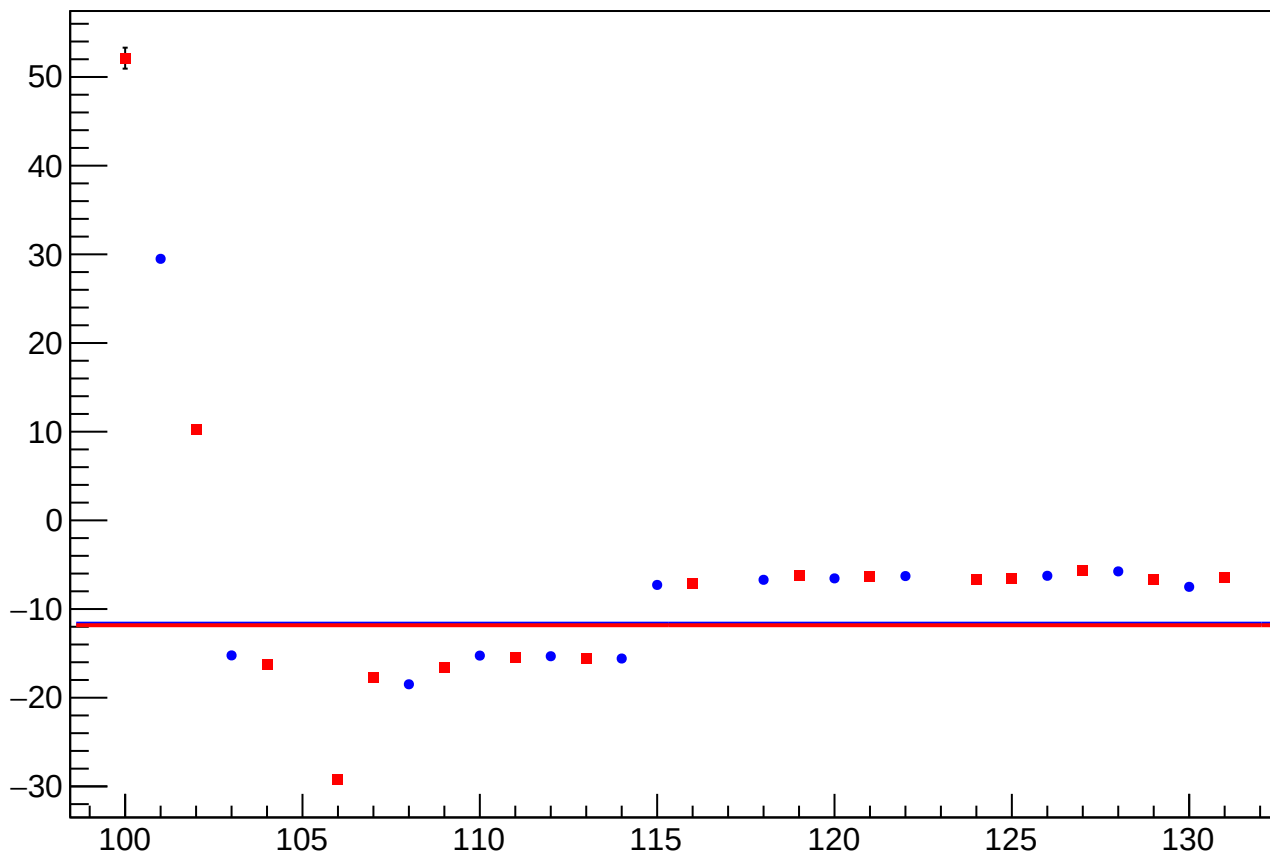
Right: 18.021+/-0.488 χ^2 /NDF: 306.0/28

In: 17.361+/-0.720 χ^2 /NDF:150.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.021+/-0.488 χ^2 /NDF: 306.0/28

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.651+/-0.045 χ^2/NDF : 25044.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.825+/-0.042 χ^2/NDF : 47432.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

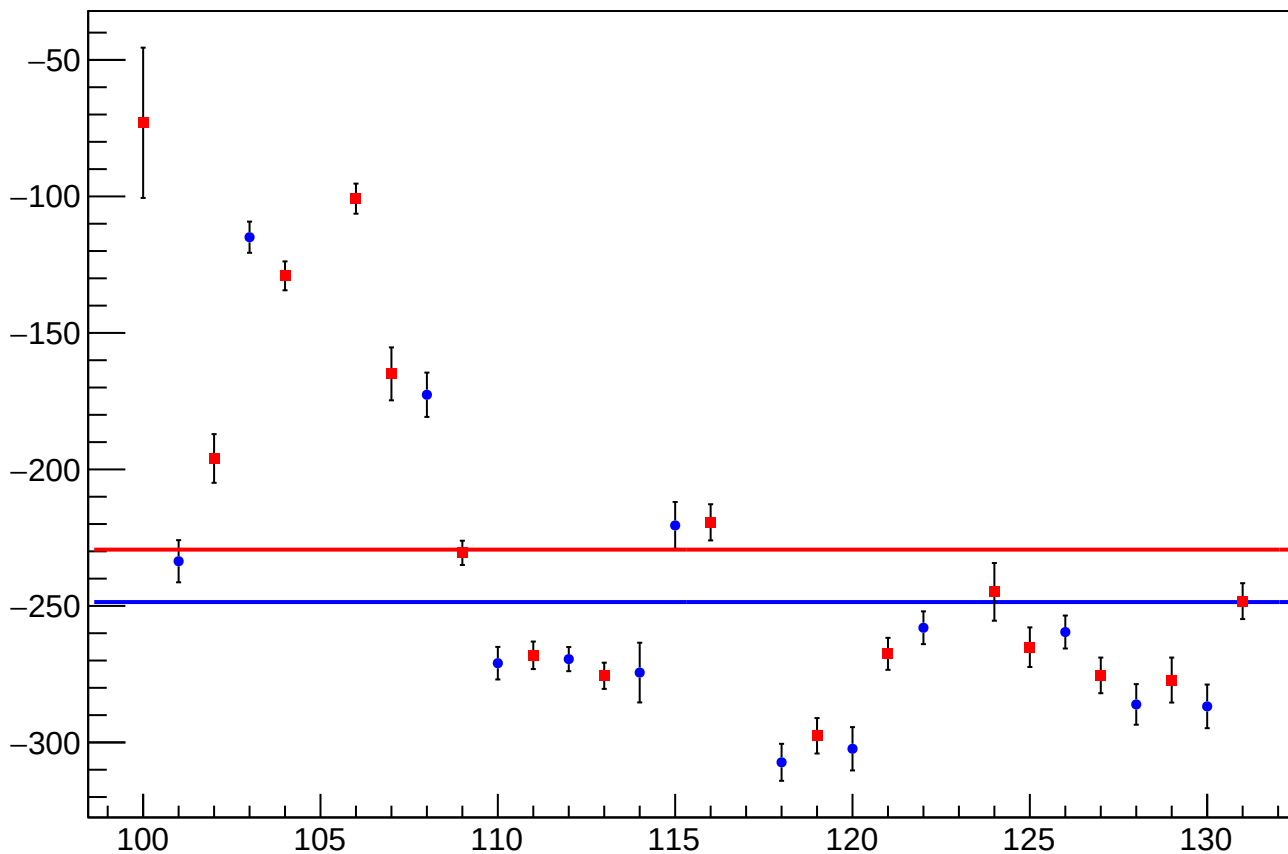
Right: -11.745+/-0.031 χ^2/NDF : 72484.0/28

In: -11.651+/-0.045 χ^2/NDF : 25044.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.745+/-0.031 χ^2/NDF : 72484.0/28

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -248.583+/-1.856 χ^2/NDF : 867.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.377+/-1.598 χ^2/NDF : 1418.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

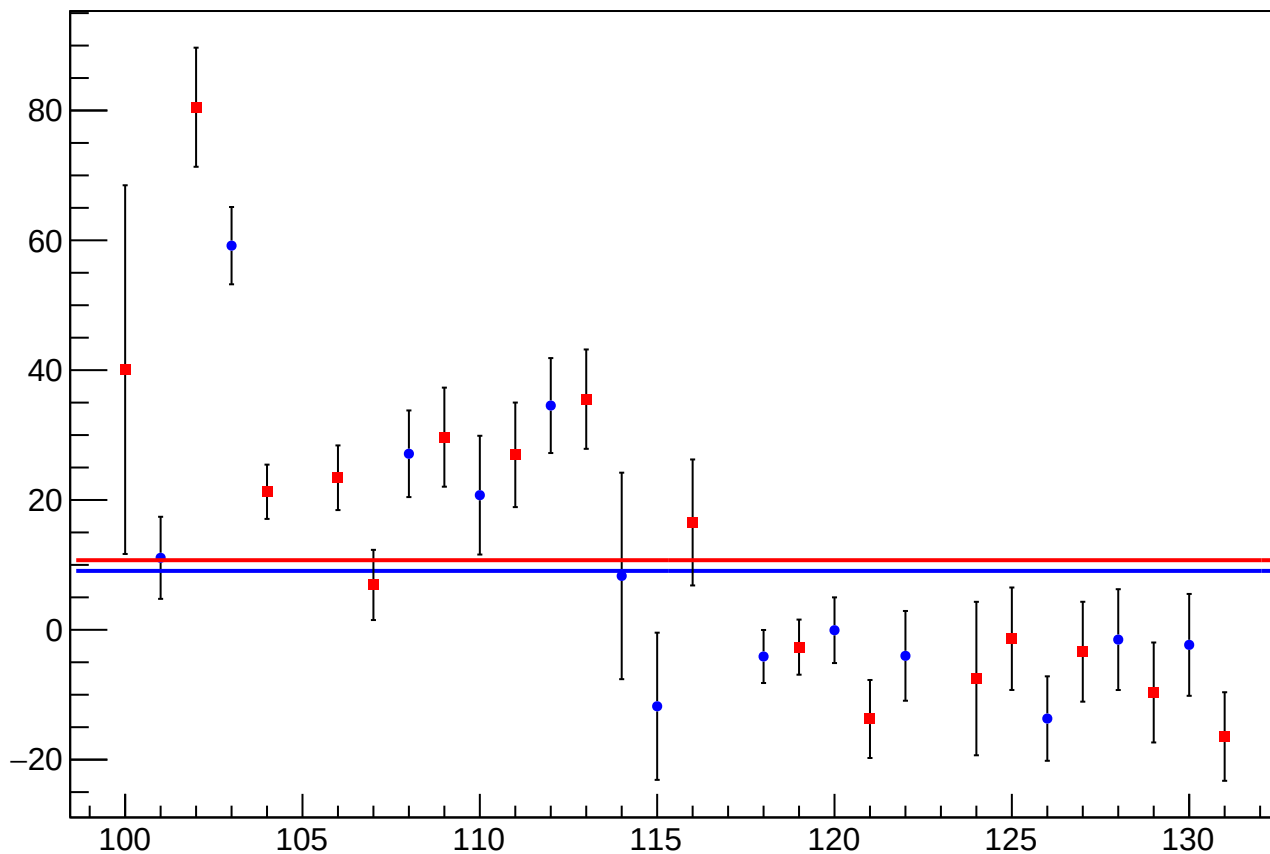
Right: -237.556+/-1.211 χ^2/NDF : 2347.1/28

In: -248.583+/-1.856 χ^2/NDF : 867.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.556+/-1.211 χ^2/NDF : 2347.1/28

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.076+/-1.843 χ^2/NDF : 128.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.723+/-1.651 χ^2/NDF : 150.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

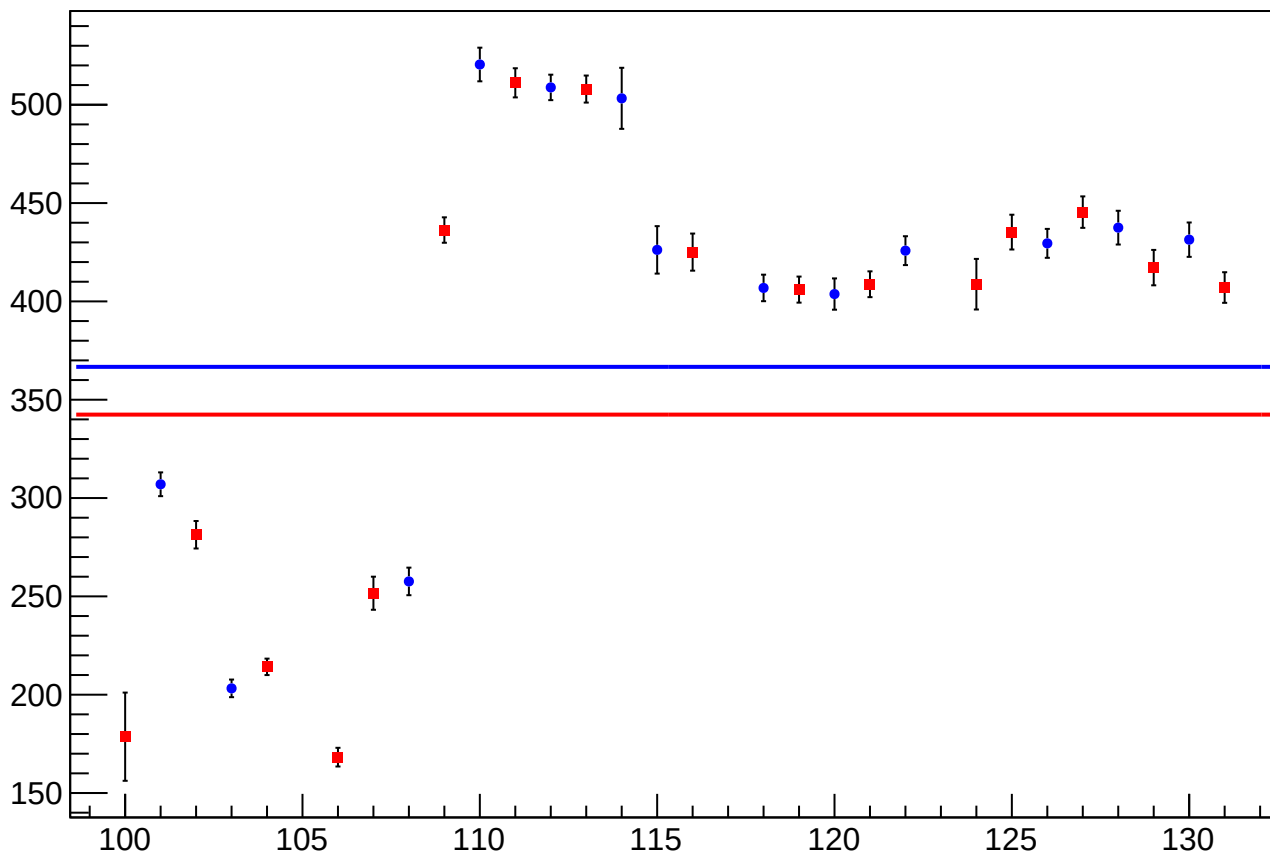
Right: 9.990+/-1.230 χ^2/NDF : 280.1/28

In: 9.076+/-1.843 χ^2/NDF : 128.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.990+/-1.230 χ^2/NDF : 280.1/28

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 366.711+/-2.010 χ^2/NDF : 2895.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 342.427+/-1.762 χ^2/NDF : 4552.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

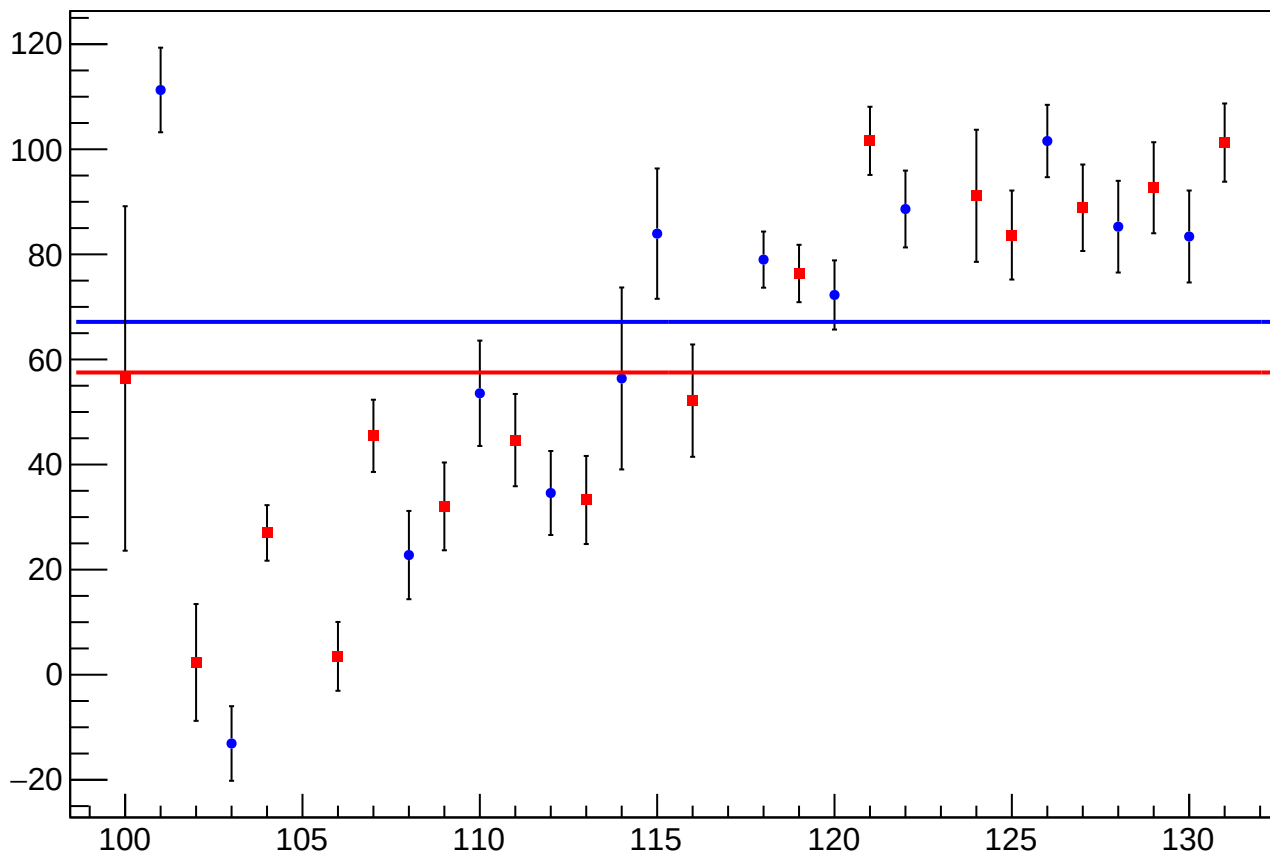
Right: 352.983+/-1.325 χ^2/NDF : 7530.1/28

In: 366.711+/-2.010 χ^2/NDF : 2895.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.983+/-1.325 χ^2/NDF : 7530.1/28

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 67.150+/-2.188 χ^2/NDF : 253.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.521+/-1.949 χ^2/NDF : 289.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

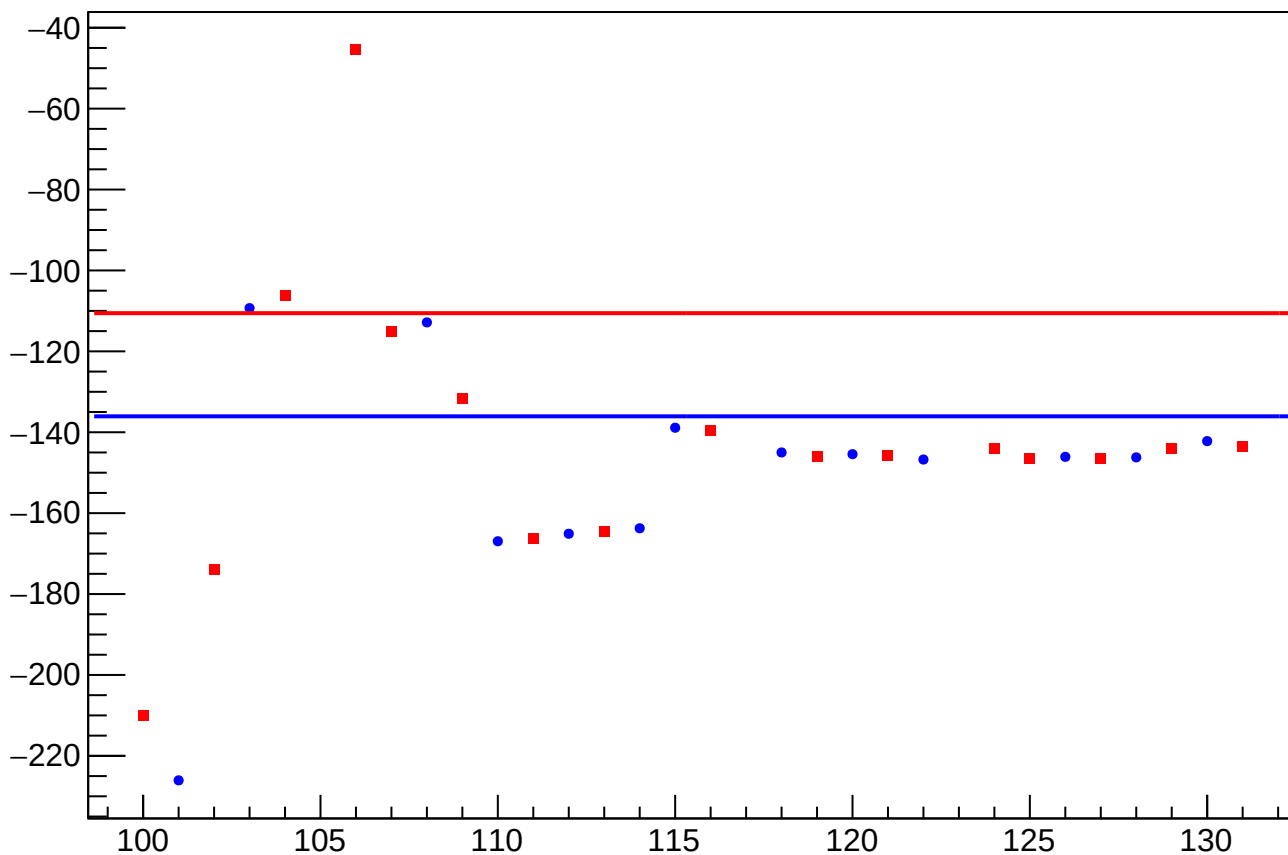
Right: 61.782+/-1.455 χ^2/NDF : 553.5/28

In: 67.150+/-2.188 χ^2/NDF : 253.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.782+/-1.455 χ^2/NDF : 553.5/28

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -136.066+/-0.118 χ^2/NDF : 96304.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.559+/-0.098 χ^2/NDF : 215122.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

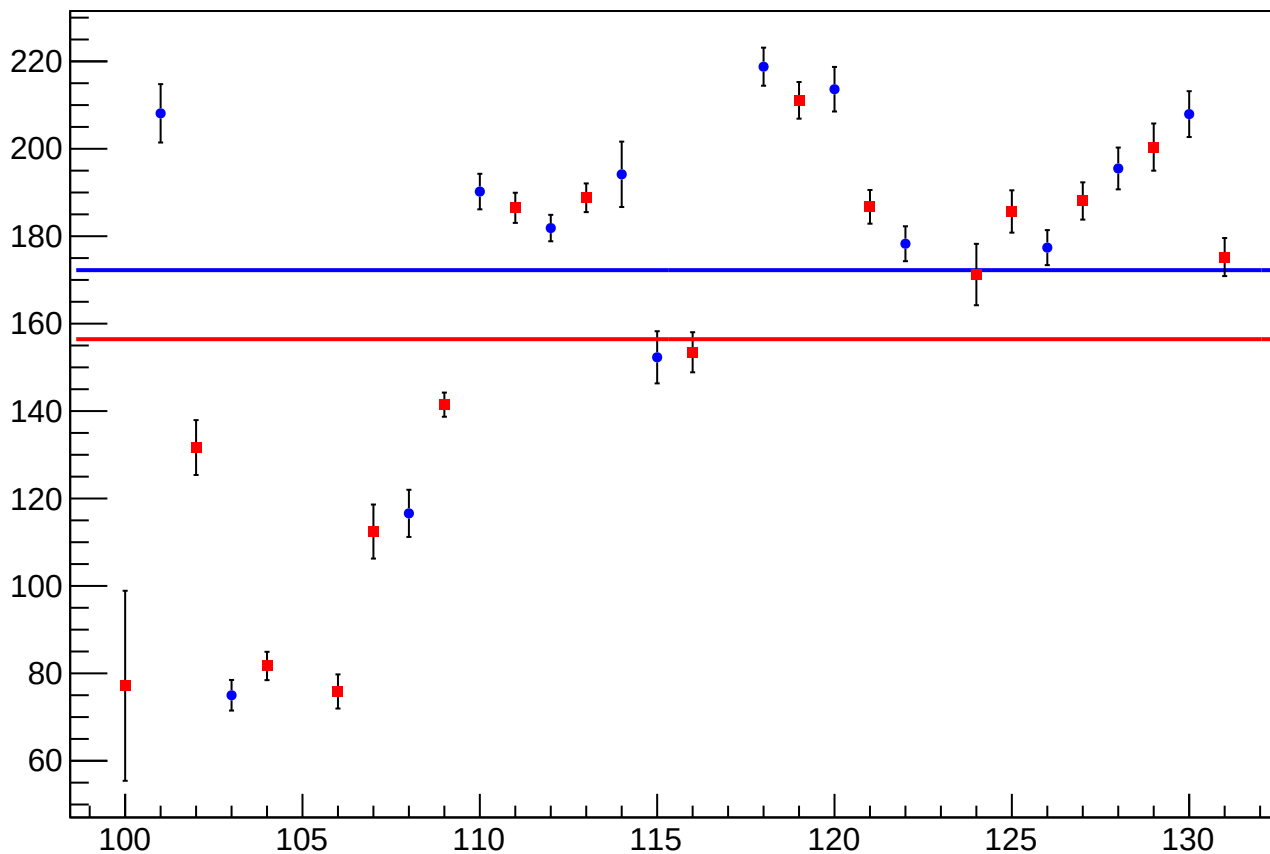
Right: -121.044+/-0.075 χ^2/NDF : 339150.6/28

In: -136.066+/-0.118 χ^2/NDF : 96304.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.044+/-0.075 χ^2/NDF : 339150.6/28

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 172.236+/-1.240 χ^2/NDF : 1209.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.447+/-1.055 χ^2/NDF : 1653.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

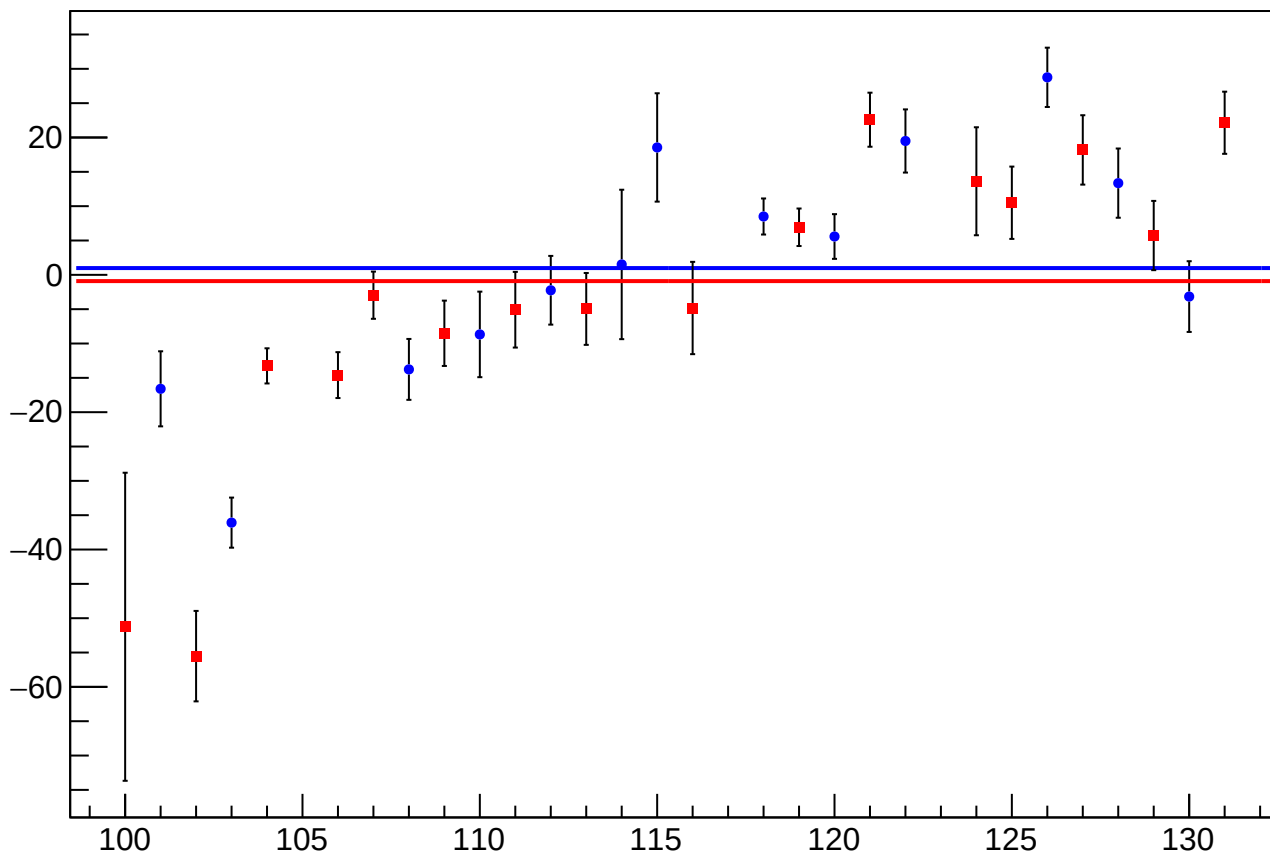
Right: 163.074+/-0.803 χ^2/NDF : 2956.9/28

In: 172.236+/-1.240 χ^2/NDF : 1209.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.074+/-0.803 χ^2/NDF : 2956.9/28

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.986+/-1.224 χ^2/NDF : 206.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.911+/-1.075 χ^2/NDF : 212.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

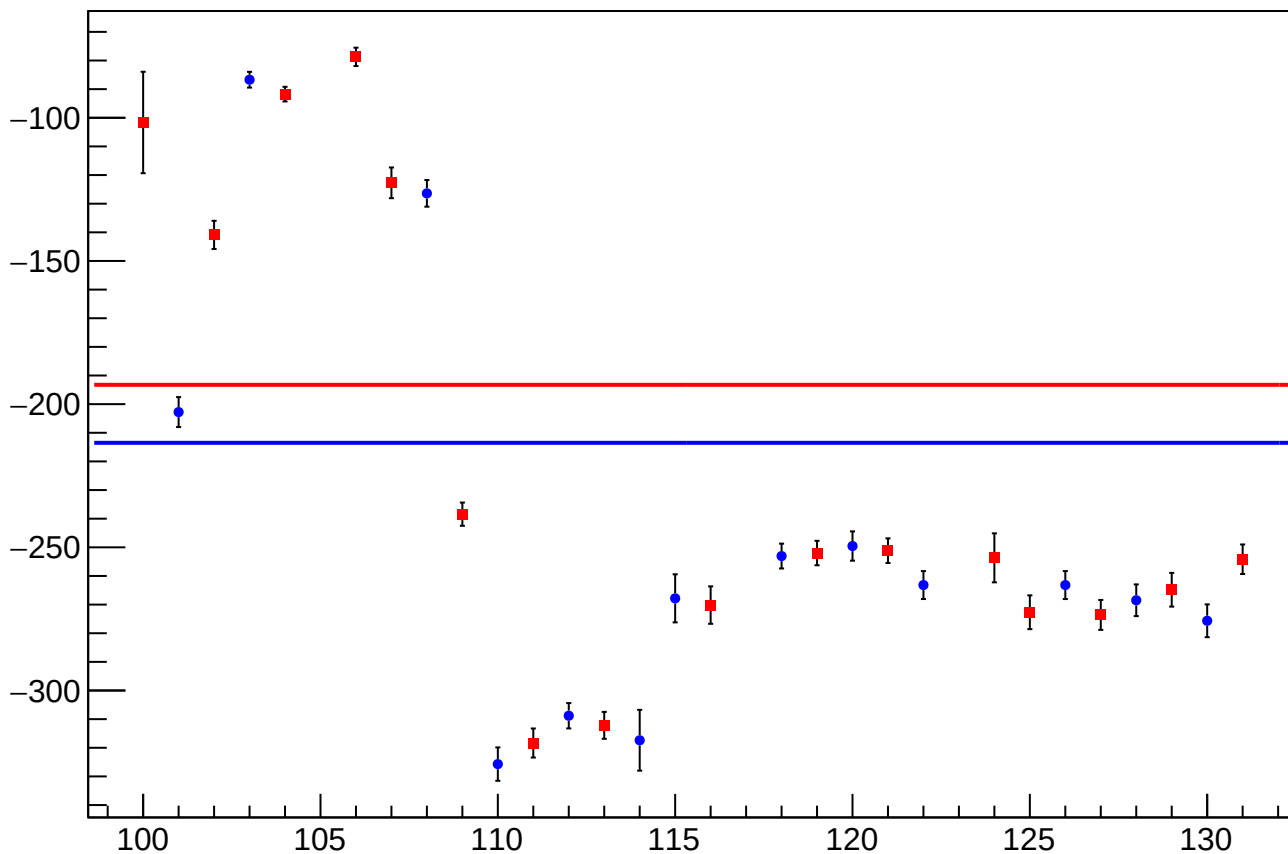
Right: -0.086+/-0.808 χ^2/NDF : 420.5/28

In: 0.986+/-1.224 χ^2/NDF : 206.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.808 χ^2/NDF : 420.5/28

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -213.505+/-1.340 χ^2/NDF : 4010.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -193.249+/-1.153 χ^2/NDF : 5799.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

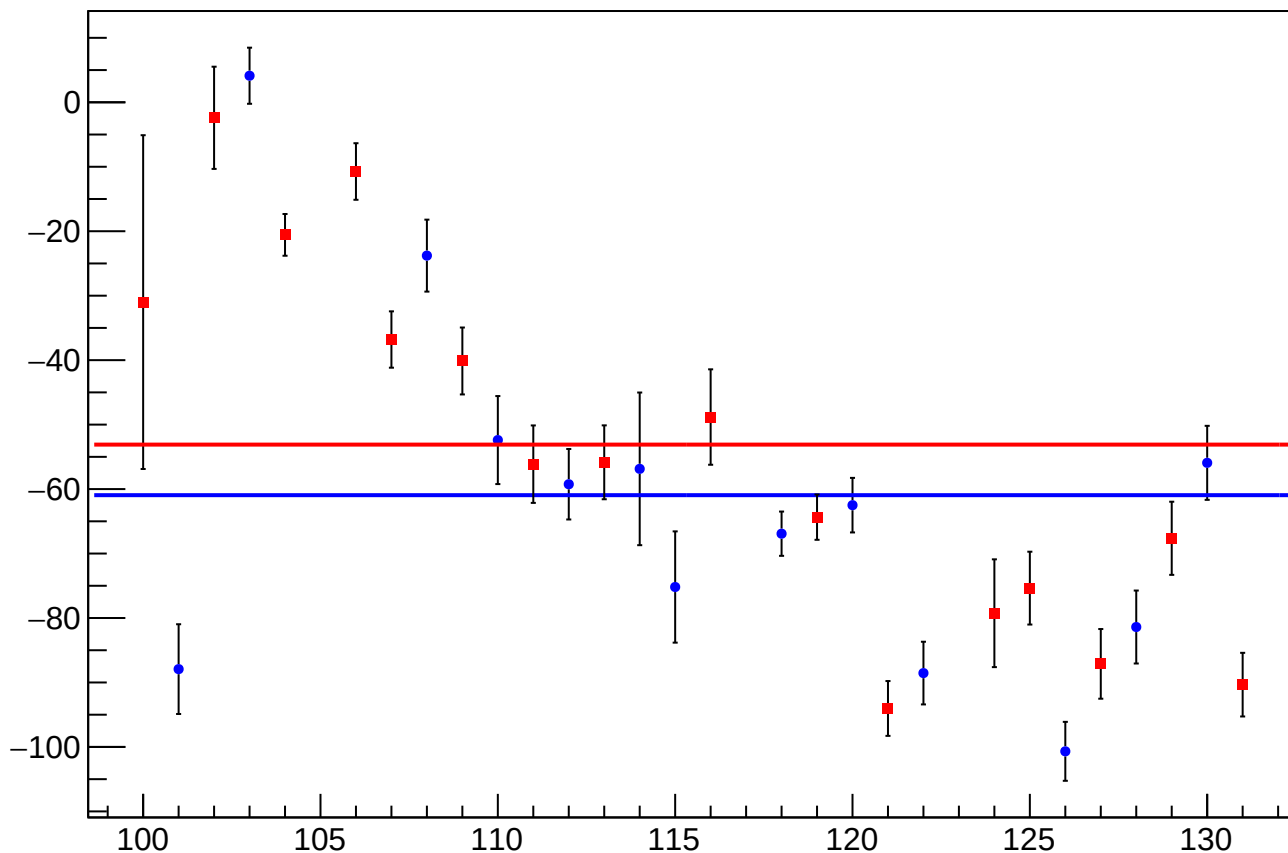
Right: -201.868+/-0.874 χ^2/NDF : 9940.8/28

In: -213.505+/-1.340 χ^2/NDF : 4010.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.868+/-0.874 χ^2/NDF : 9940.8/28

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -60.945+/-1.454 χ^2/NDF : 412.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.101+/-1.271 χ^2/NDF : 488.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

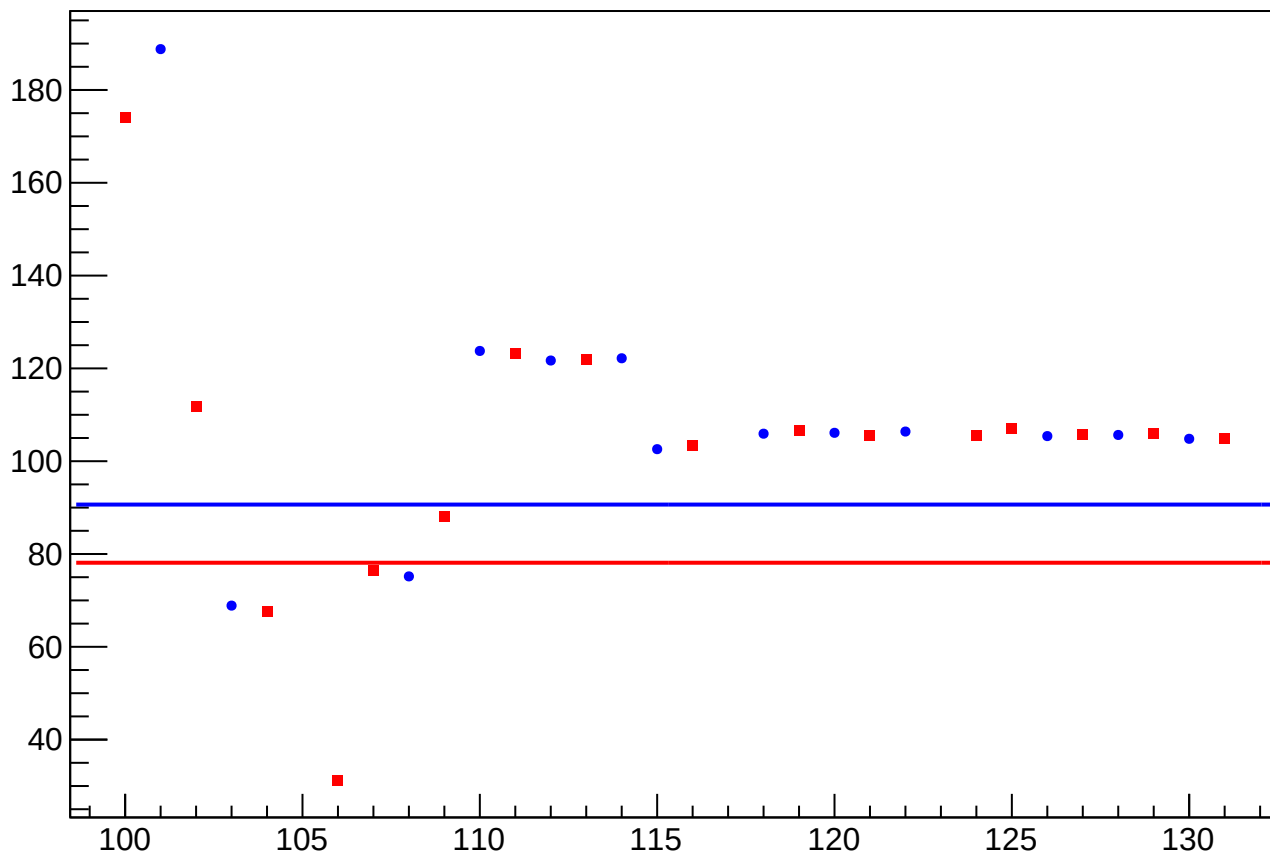
Right: -56.500+/-0.957 χ^2/NDF : 916.7/28

In: -60.945+/-1.454 χ^2/NDF : 412.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.500+/-0.957 χ^2/NDF : 916.7/28

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.654+/-0.077 χ^2/NDF : 164814.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.119+/-0.067 χ^2/NDF : 204466.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

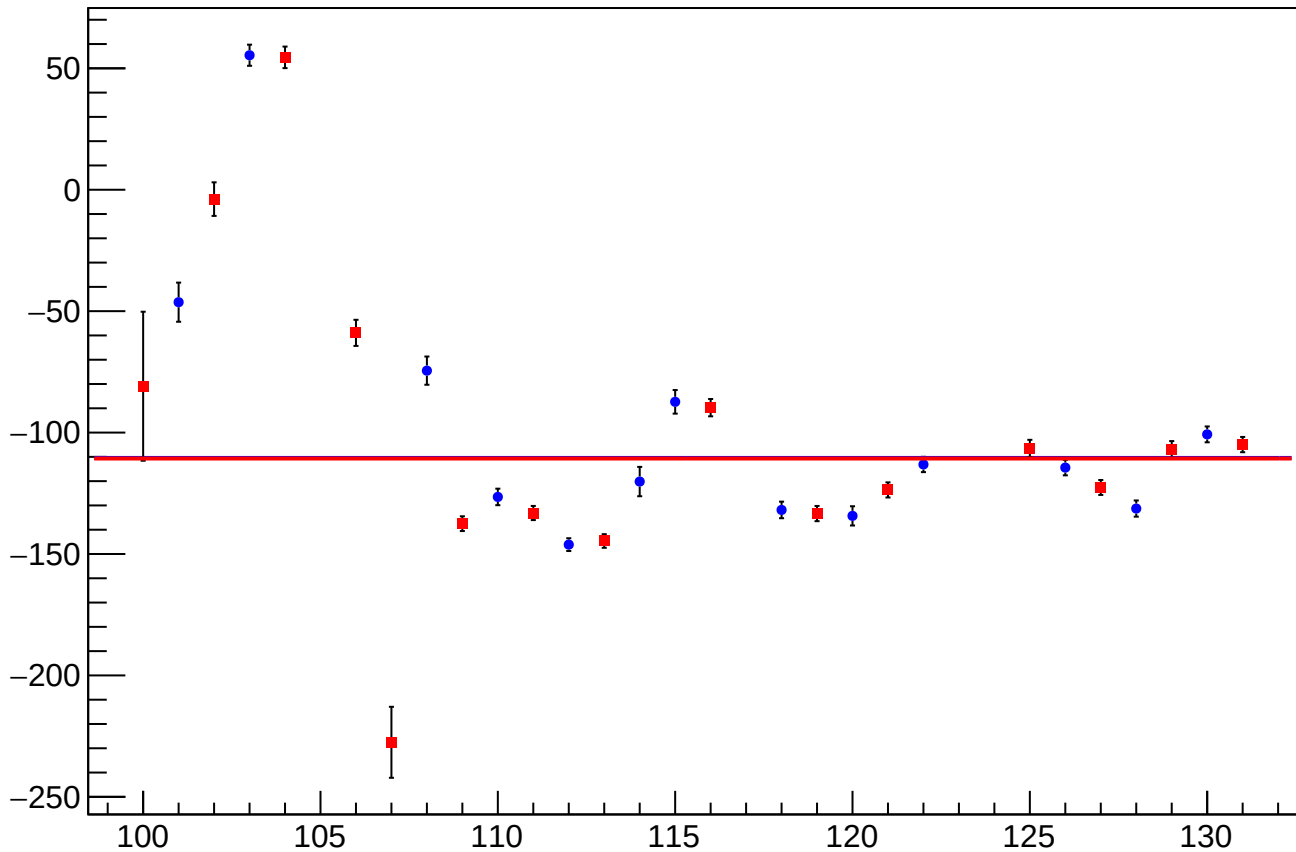
Right: 83.466+/-0.050 χ^2/NDF : 384430.7/28

In: 90.654+/-0.077 χ^2/NDF : 164814.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.466+/-0.050 χ^2/NDF : 384430.7/28

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -110.448+/-1.036 χ^2/NDF : 1911.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.681+/-0.946 χ^2/NDF : 2192.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

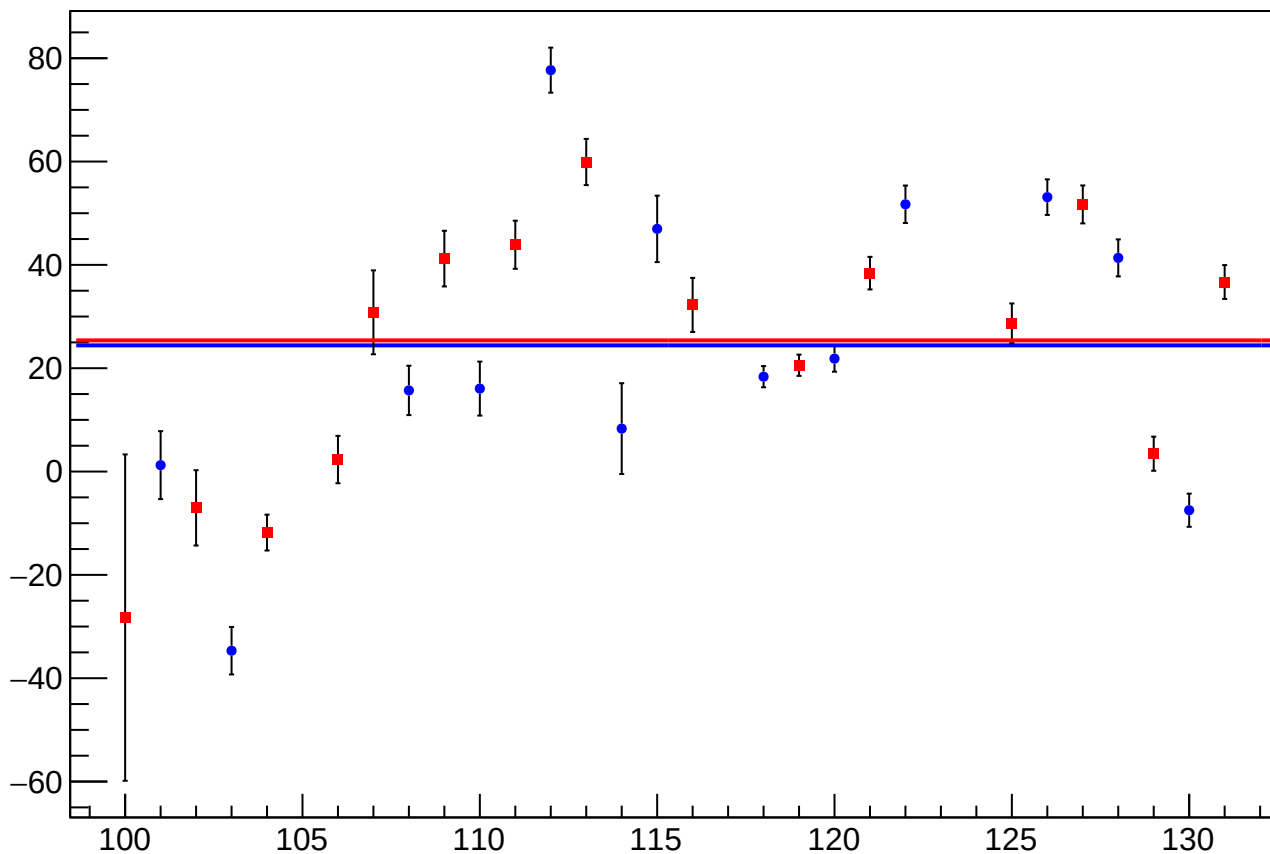
Right: -110.575+/-0.699 χ^2/NDF : 4104.2/27

In: -110.448+/-1.036 χ^2/NDF : 1911.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.575+/-0.699 χ^2/NDF : 4104.2/27

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.420+/-1.015 χ^2/NDF : 606.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.384+/-1.002 χ^2/NDF : 379.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

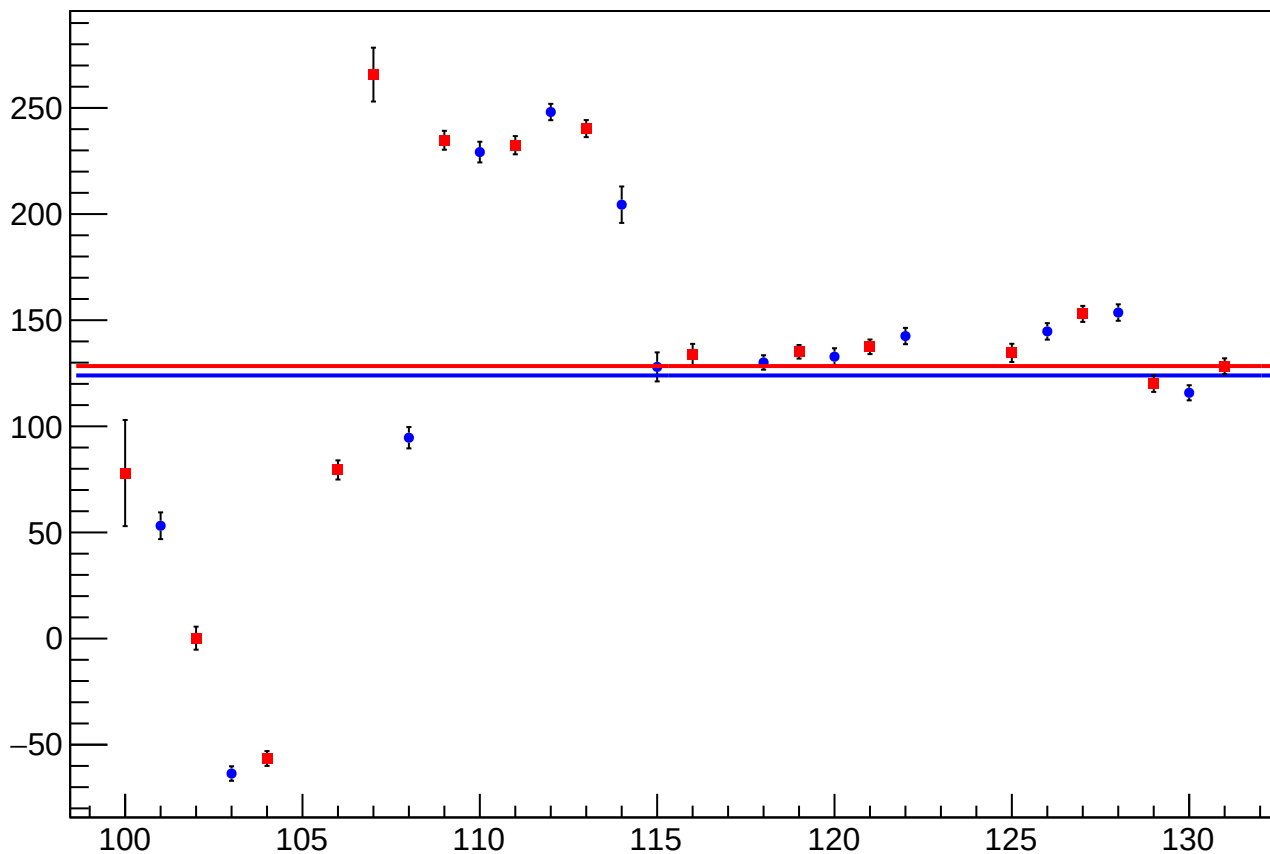
Right: 24.909+/-0.713 χ^2/NDF : 986.0/27

In: 24.420+/-1.015 χ^2/NDF : 606.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.909+/-0.713 χ^2/NDF : 986.0/27

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 123.967+/-1.175 χ^2/NDF : 4890.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.392+/-1.101 χ^2/NDF : 5589.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

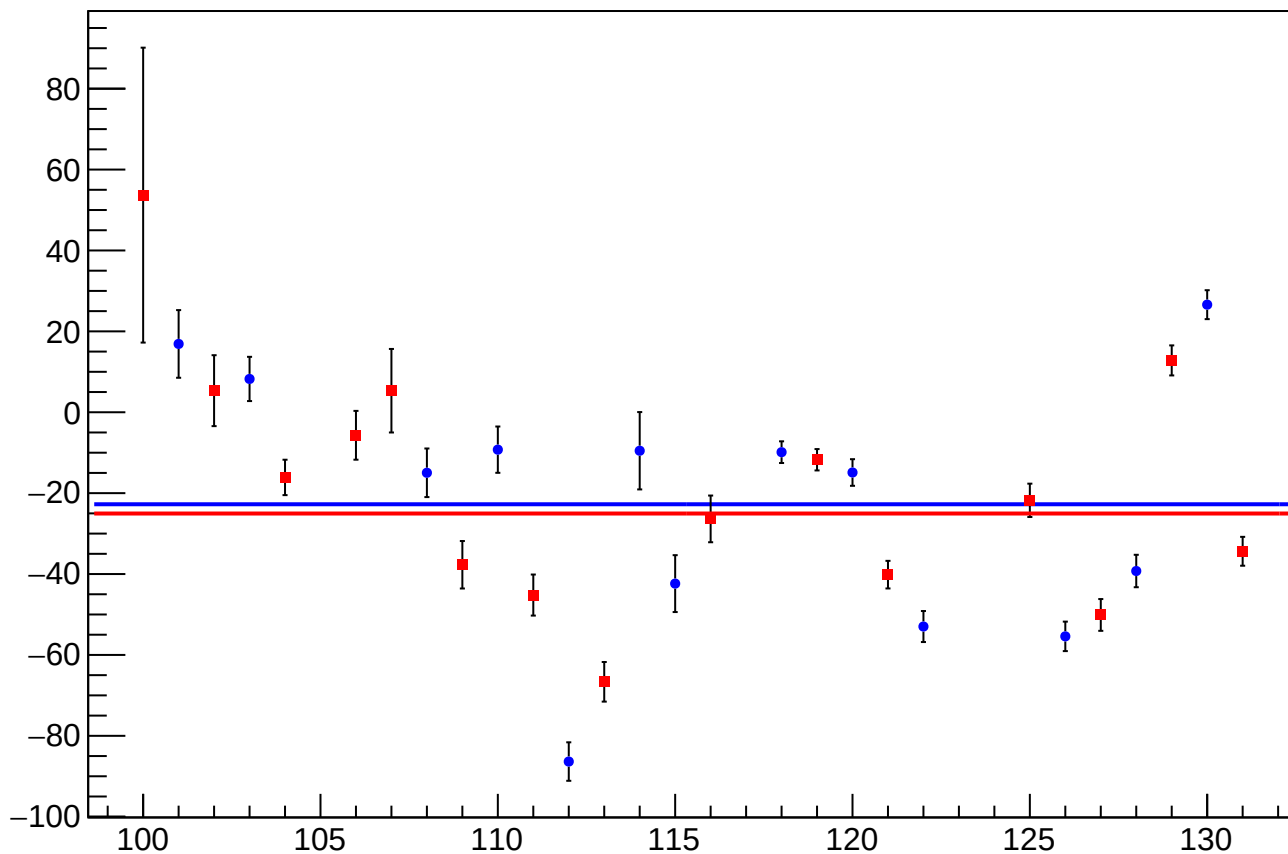
Right: 126.323+/-0.804 χ^2/NDF : 10487.6/27

In: 123.967+/-1.175 χ^2/NDF : 4890.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.323+/-0.804 χ^2/NDF : 10487.6/27

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.747+/-1.198 χ^2/NDF : 628.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -25.036+/-1.158 χ^2/NDF : 329.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

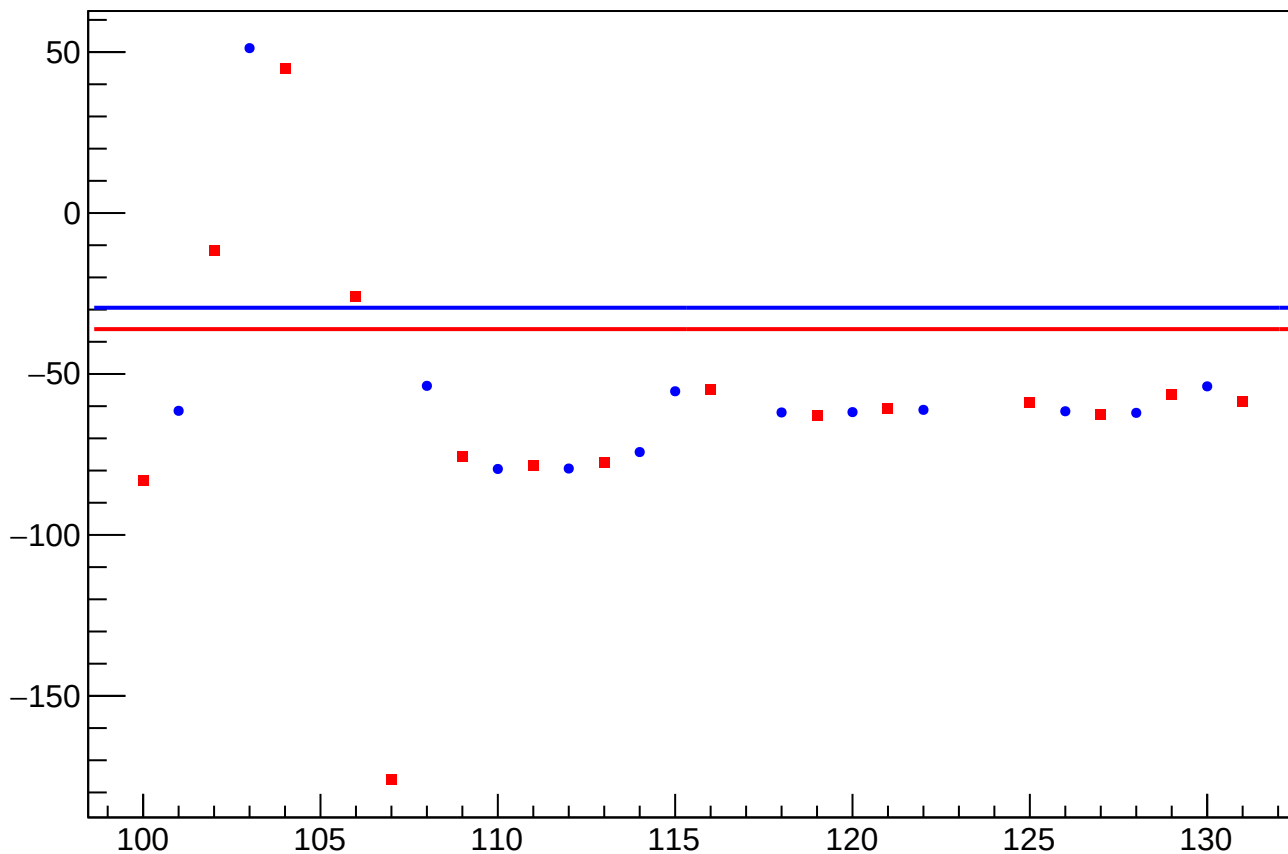
Right: -23.931+/-0.833 χ^2/NDF : 960.3/27

In: -22.747+/-1.198 χ^2/NDF :628.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.931+/-0.833 χ^2/NDF : 960.3/27

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.421+/-0.076 χ^2/NDF : 458962.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.063+/-0.073 χ^2/NDF : 416635.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

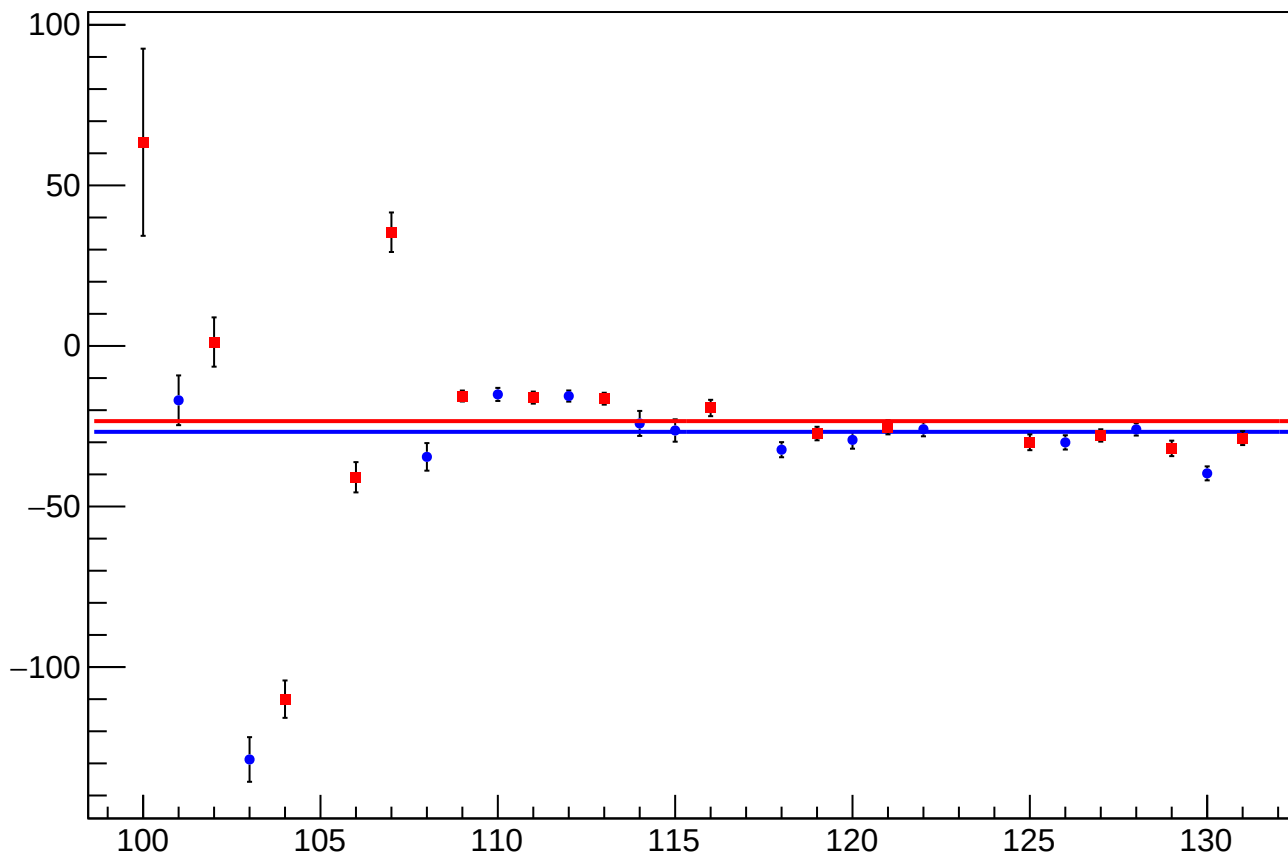
Right: -32.894+/-0.053 χ^2/NDF : 879565.2/27

In: -29.421+/-0.076 χ^2/NDF : 458962.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.894+/-0.053 χ^2/NDF : 879565.2/27

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.747+/-0.704 χ^2/NDF : 338.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -23.411+/-0.640 χ^2/NDF : 433.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

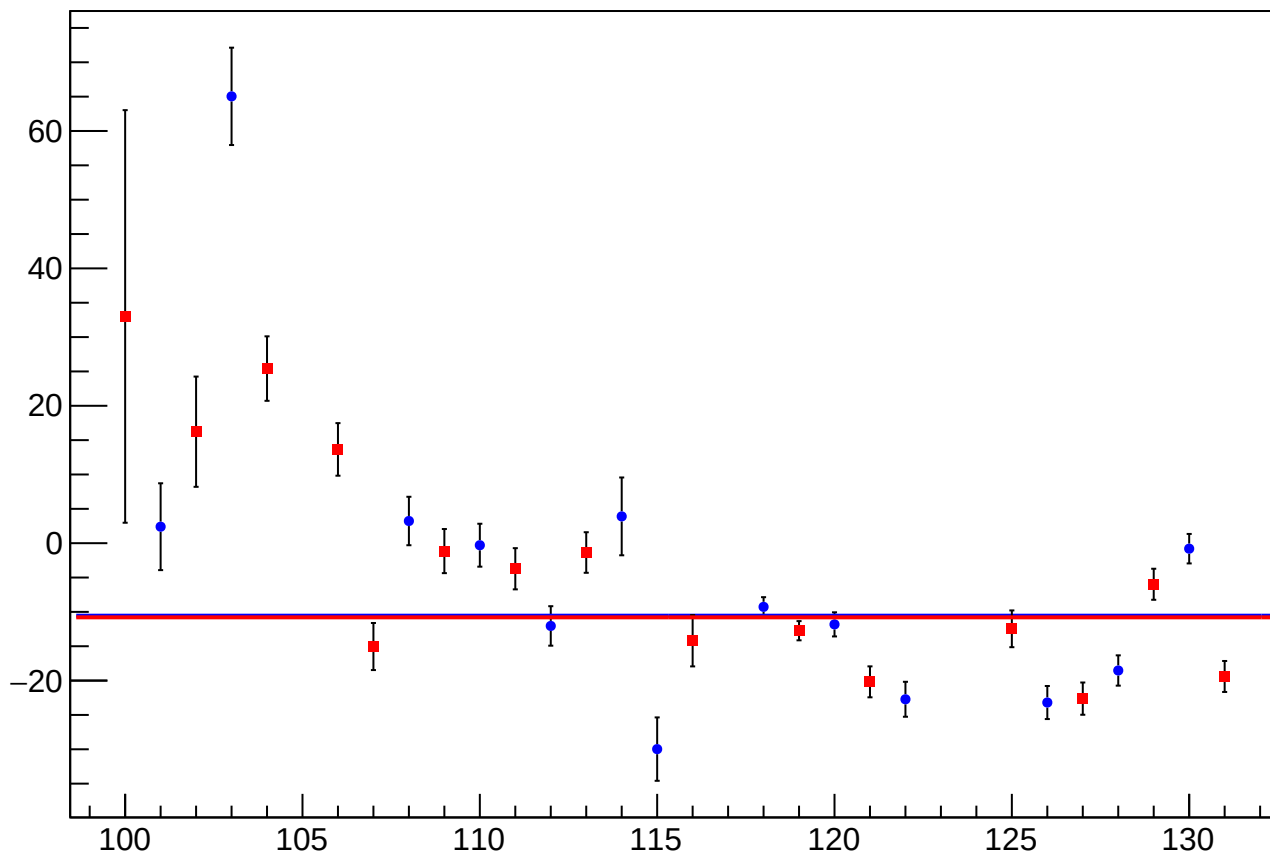
Right: -24.919+/-0.474 χ^2/NDF : 784.7/27

In: -26.747+/-0.704 χ^2/NDF :338.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.919+/-0.474 χ^2/NDF : 784.7/27

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.555+/-0.706 χ^2/NDF : 254.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.793+/-0.701 χ^2/NDF : 205.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

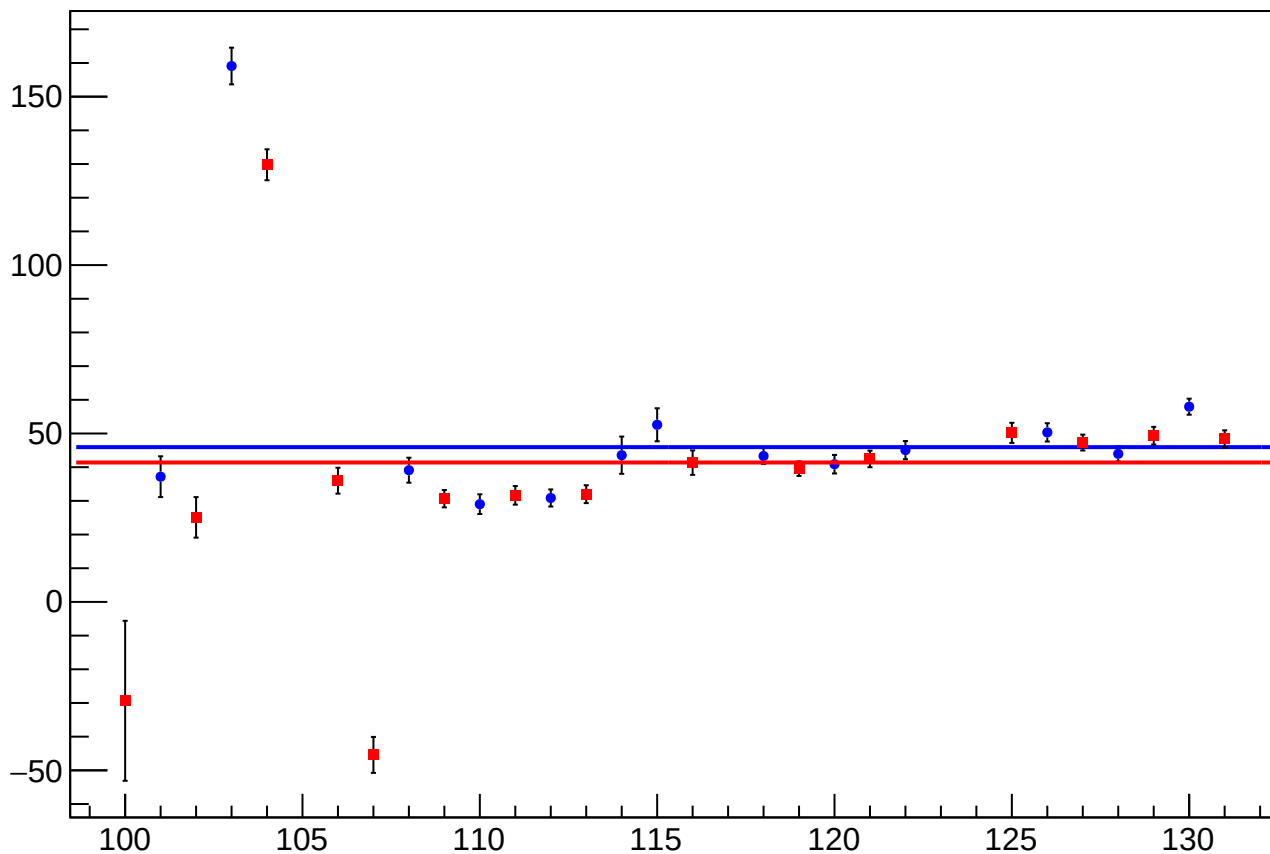
Right: -10.675+/-0.498 χ^2/NDF : 459.4/27

In: -10.555+/-0.706 χ^2/NDF : 254.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.675+/-0.498 χ^2/NDF : 459.4/27

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 45.955+/-0.834 χ^2/NDF : 541.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.390+/-0.779 χ^2/NDF : 727.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

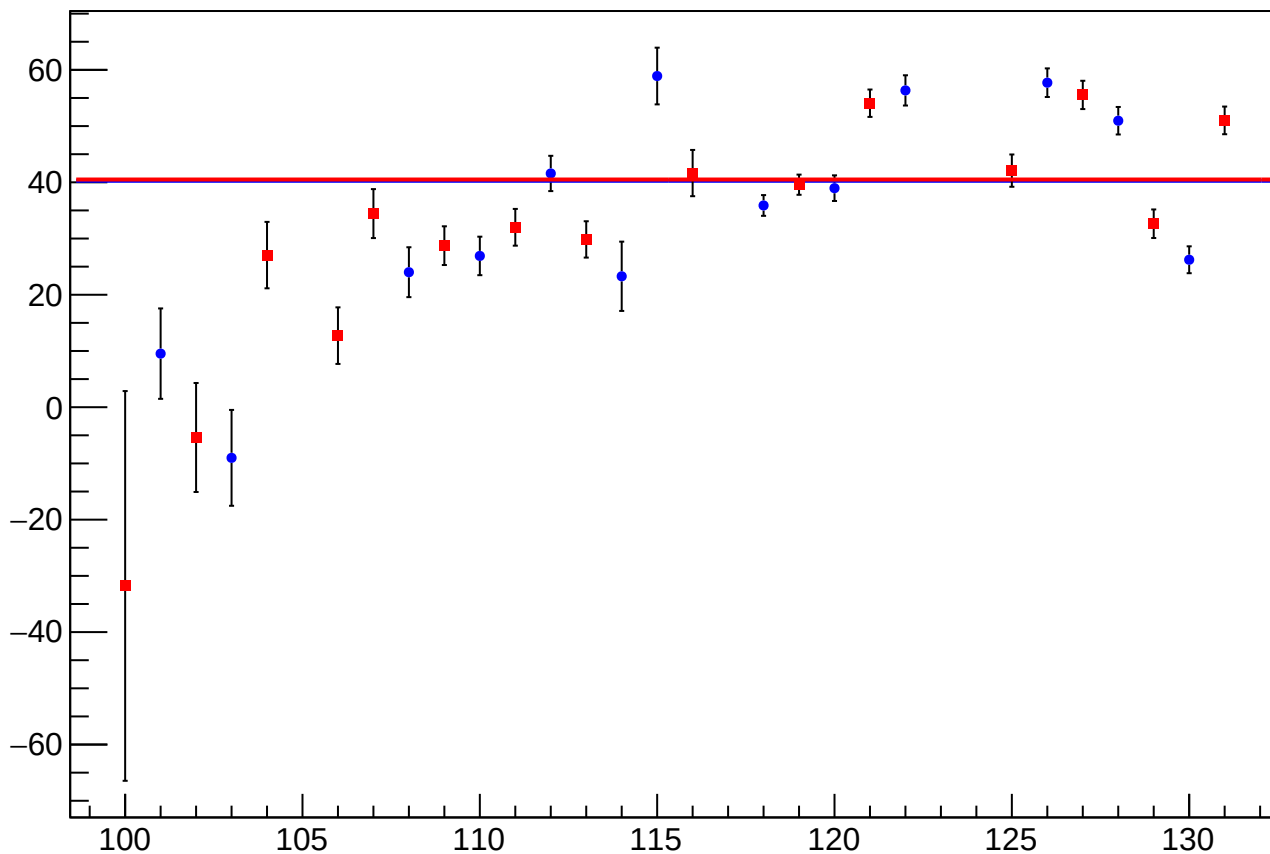
Right: 43.517+/-0.569 χ^2/NDF : 1285.1/27

In: 45.955+/-0.834 χ^2/NDF : 541.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.517+/-0.569 χ^2/NDF : 1285.1/27

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.270+/-0.830 χ^2 /NDF: 240.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 40.498+/-0.805 χ^2 /NDF: 189.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

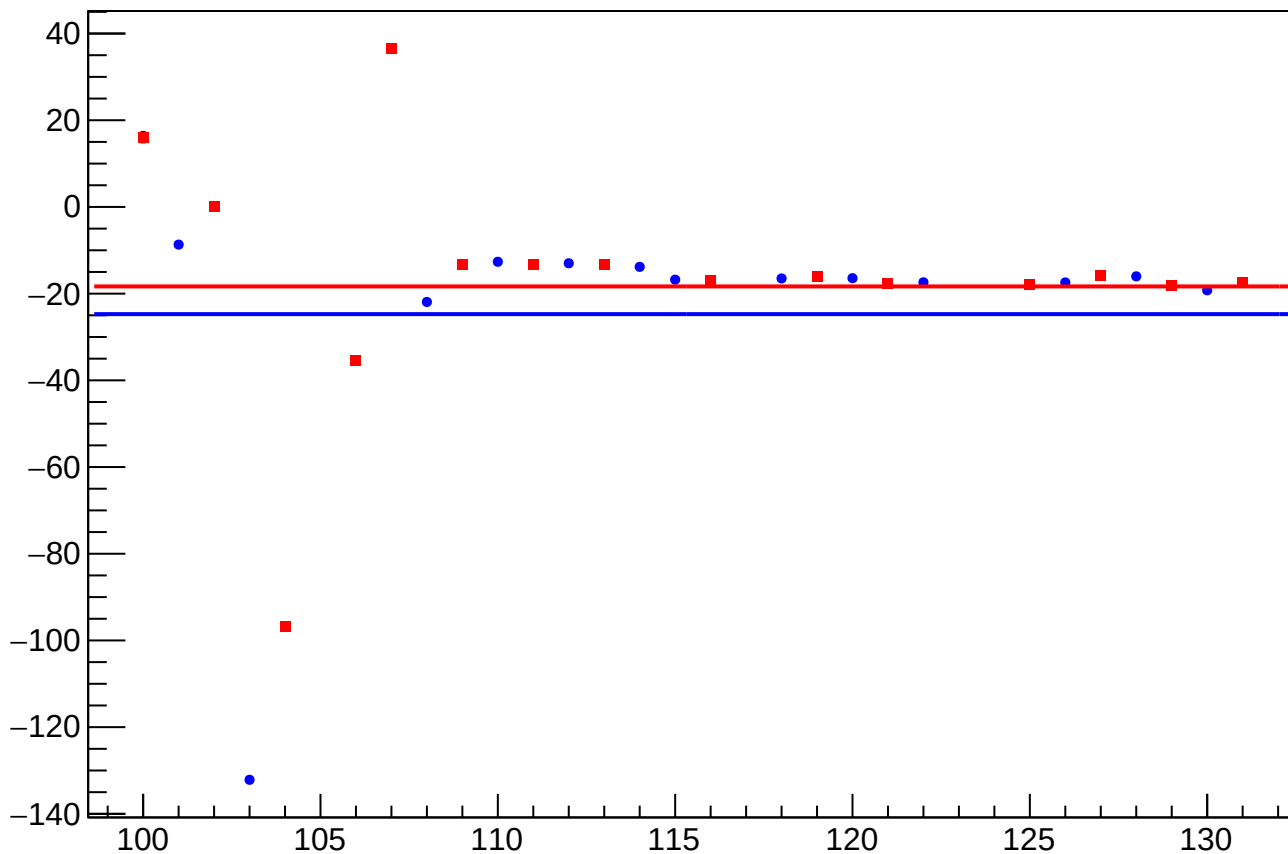
Right: 40.388+/-0.578 χ^2 /NDF: 429.4/27

In: 40.270+/-0.830 χ^2 /NDF:240.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.388+/-0.578 χ^2 /NDF: 429.4/27

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -24.726+/-0.060 χ^2/NDF : 235102.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.335+/-0.056 χ^2/NDF : 203498.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

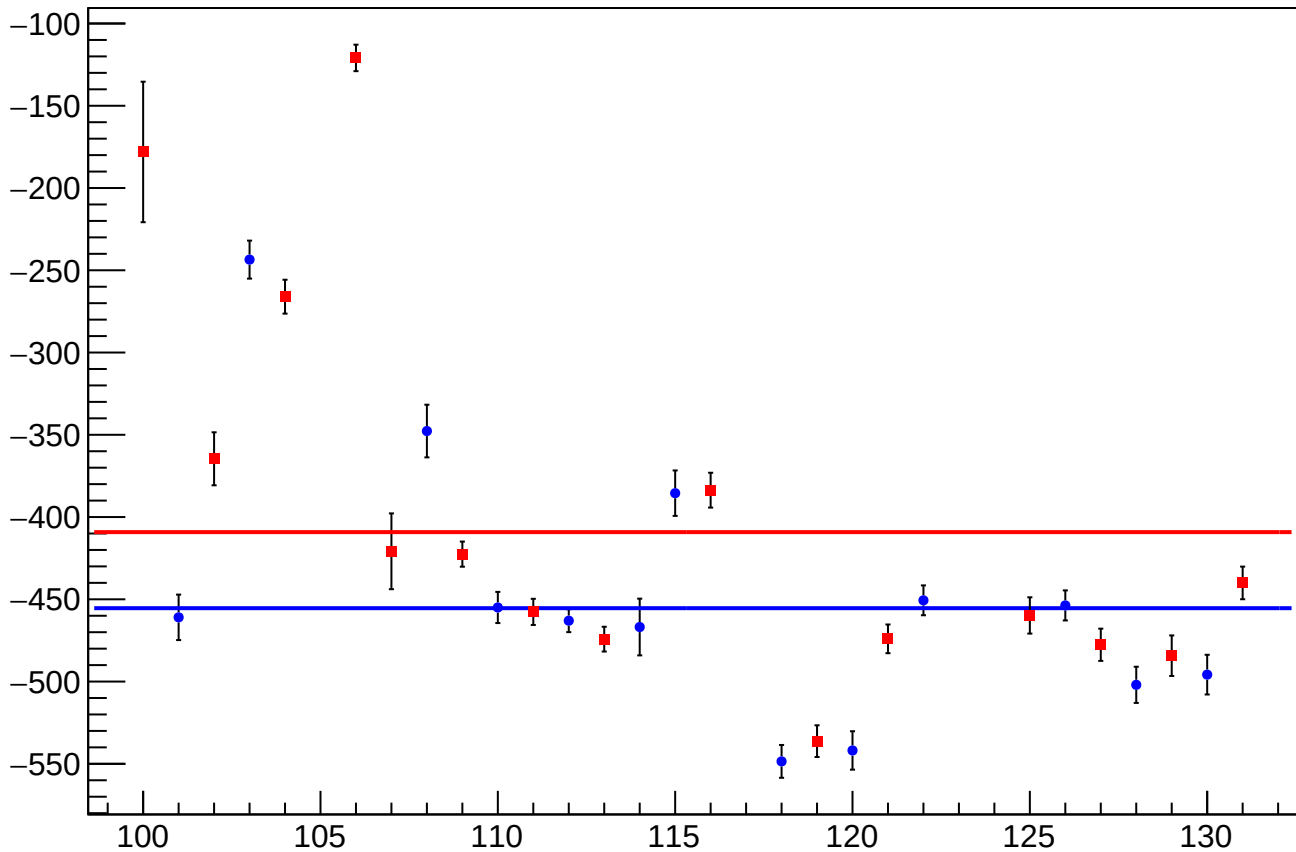
Right: -21.292+/-0.041 χ^2/NDF : 444677.0/27

In: -24.726+/-0.060 χ^2/NDF : 235102.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.292+/-0.041 χ^2/NDF : 444677.0/27

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -455.394+/-2.965 χ^2/NDF : 580.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -409.164+/-2.582 χ^2/NDF : 1979.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

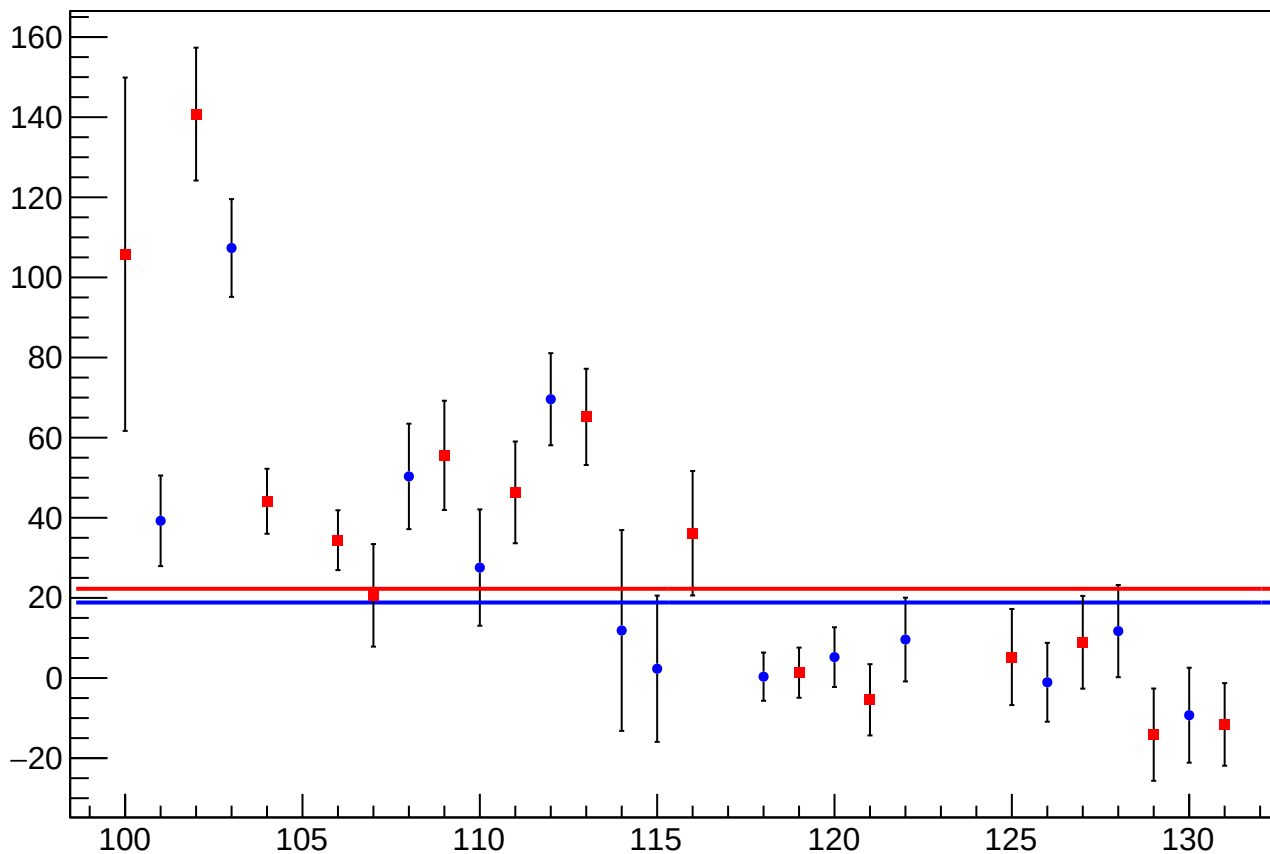
Right: -429.105+/-1.947 χ^2/NDF : 2698.5/27

In: -455.394+/-2.965 χ^2/NDF : 580.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -429.105+/-1.947 χ^2/NDF : 2698.5/27

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.850+/-2.924 χ^2/NDF : 106.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.280+/-2.716 χ^2/NDF : 132.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

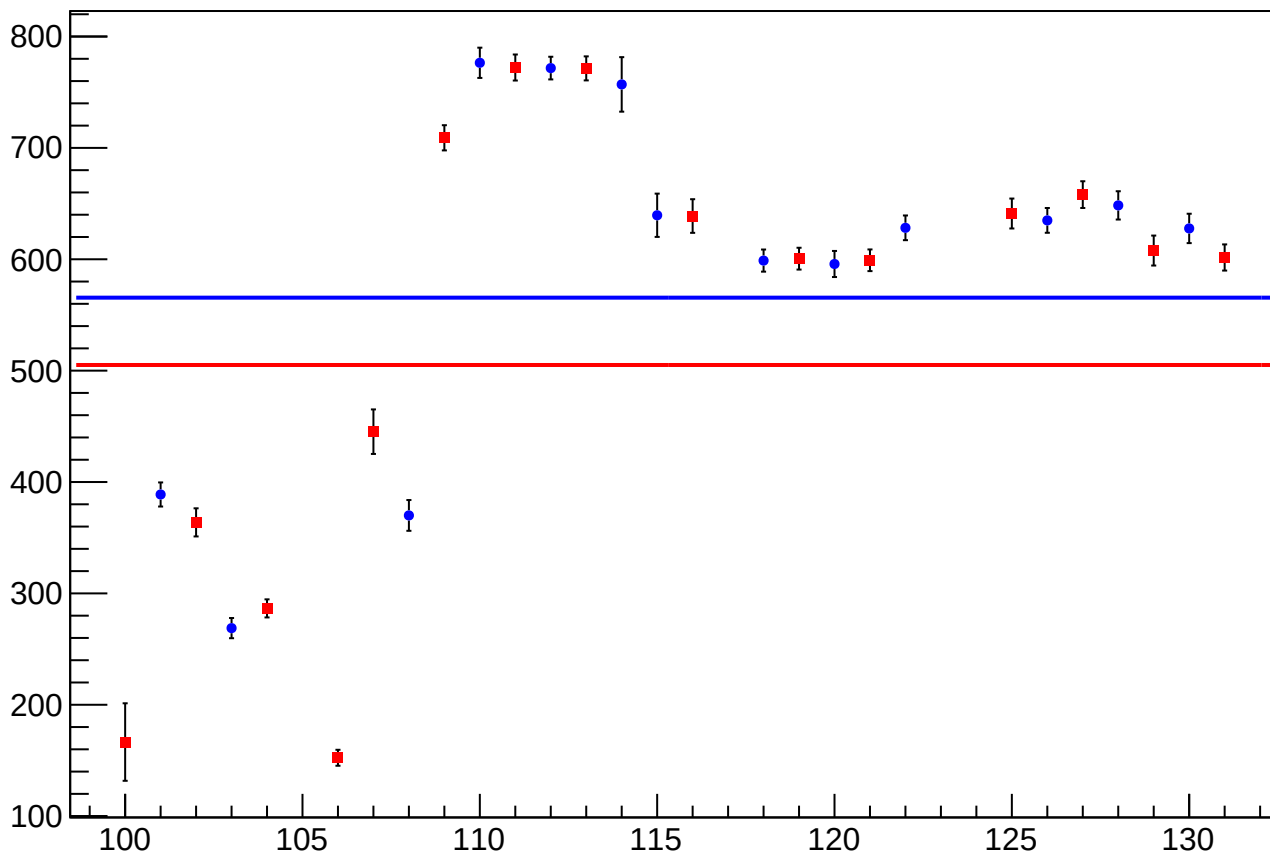
Right: 20.691+/-1.990 χ^2/NDF : 239.5/27

In: 18.850+/-2.924 χ^2/NDF : 106.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.691+/-1.990 χ^2/NDF : 239.5/27

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 565.537+/-3.316 χ^2/NDF : 2419.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.078+/-2.904 χ^2/NDF : 5489.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

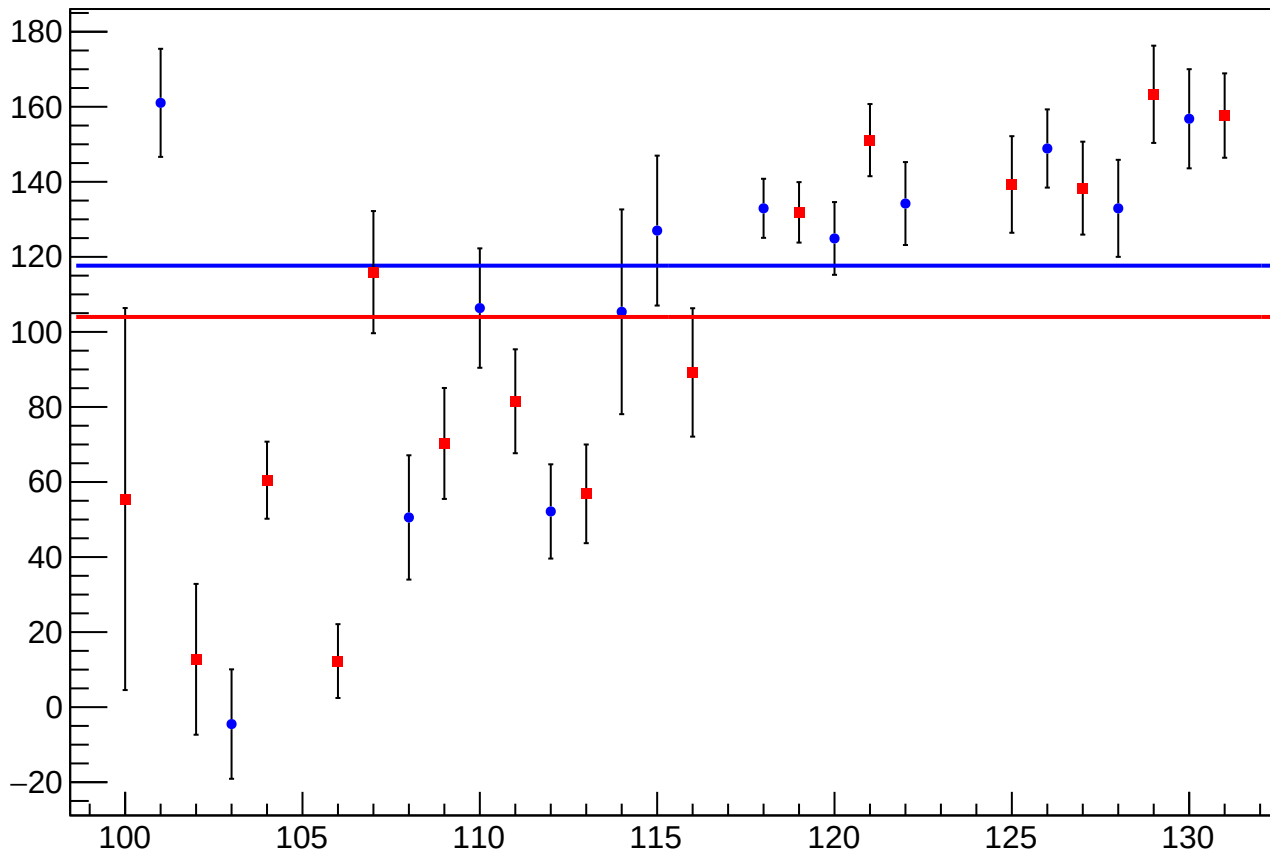
Right: 531.316+/-2.185 χ^2/NDF : 8097.5/27

In: 565.537+/-3.316 χ^2/NDF : 2419.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.316+/-2.185 χ^2/NDF : 8097.5/27

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.656+/-3.467 χ^2/NDF : 149.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.985+/-3.193 χ^2/NDF : 243.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

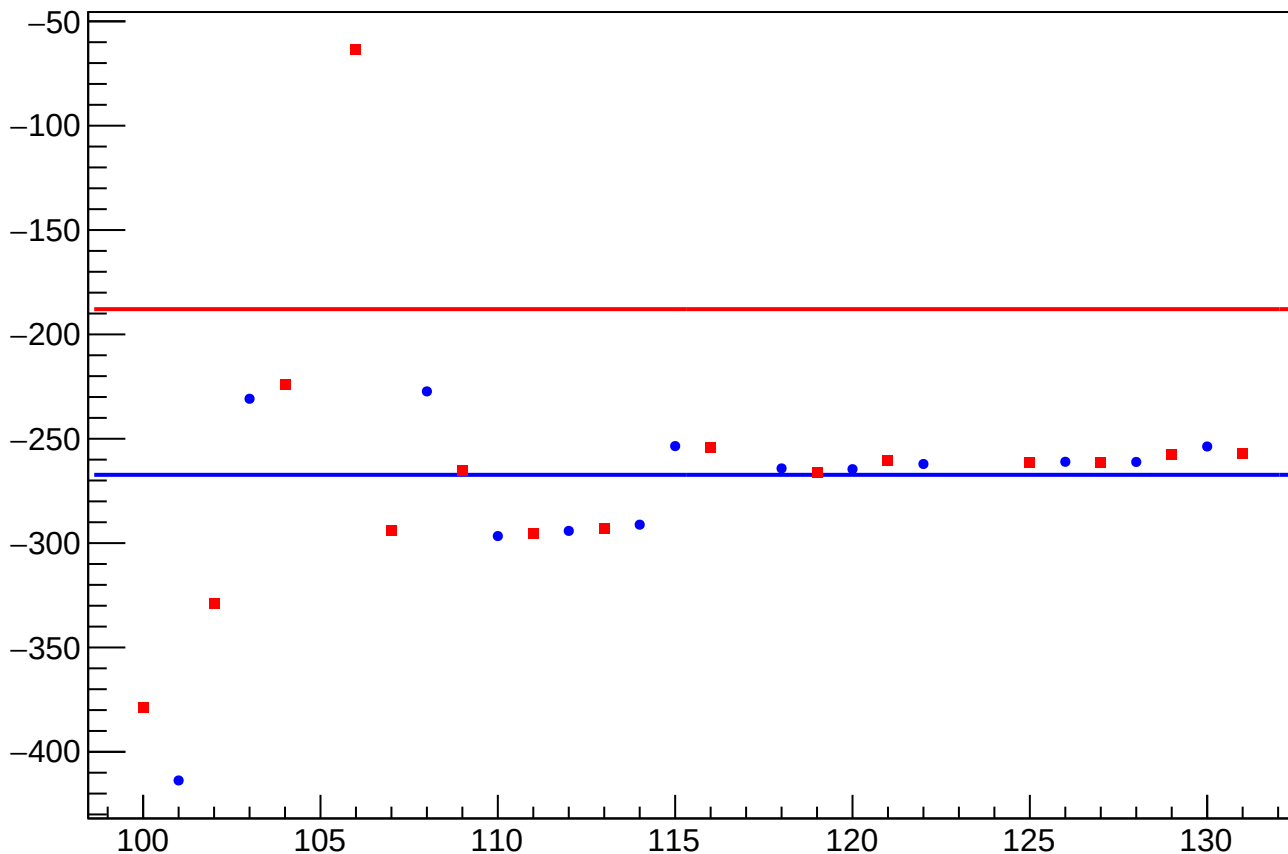
Right: 110.259+/-2.349 χ^2/NDF : 401.2/27

In: 117.656+/-3.467 χ^2/NDF : 149.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.259+/-2.349 χ^2/NDF : 401.2/27

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -267.283+/-0.209 χ^2/NDF : 67950.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -187.901+/-0.160 χ^2/NDF : 421009.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

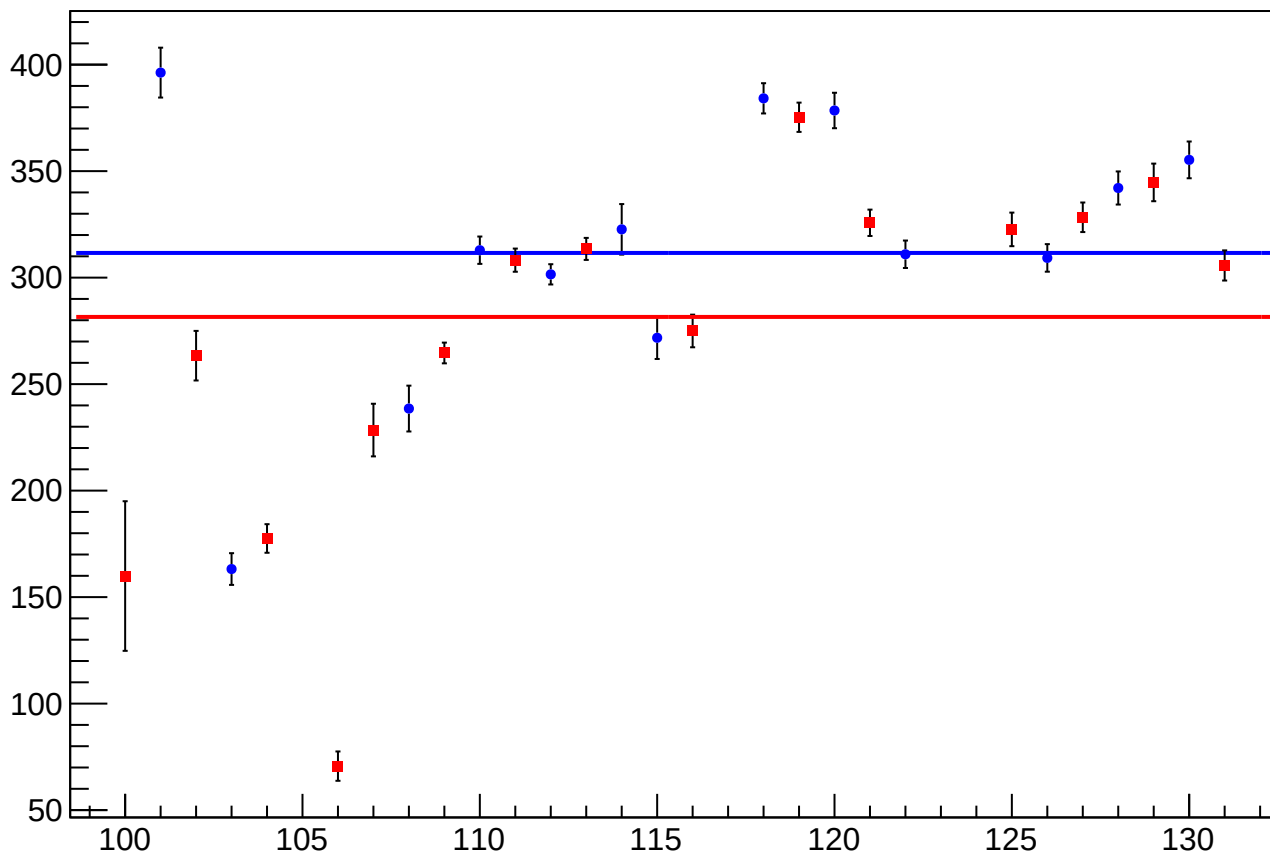
Right: -217.230+/-0.127 χ^2/NDF : 579817.1/27

In: -267.283+/-0.209 χ^2/NDF :67950.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -217.230+/-0.127 χ^2/NDF : 579817.1/27

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 311.593 $\pm$ 2.077 χ^2 /NDF: 726.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 281.549 $\pm$ 1.809 χ^2 /NDF: 1658.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

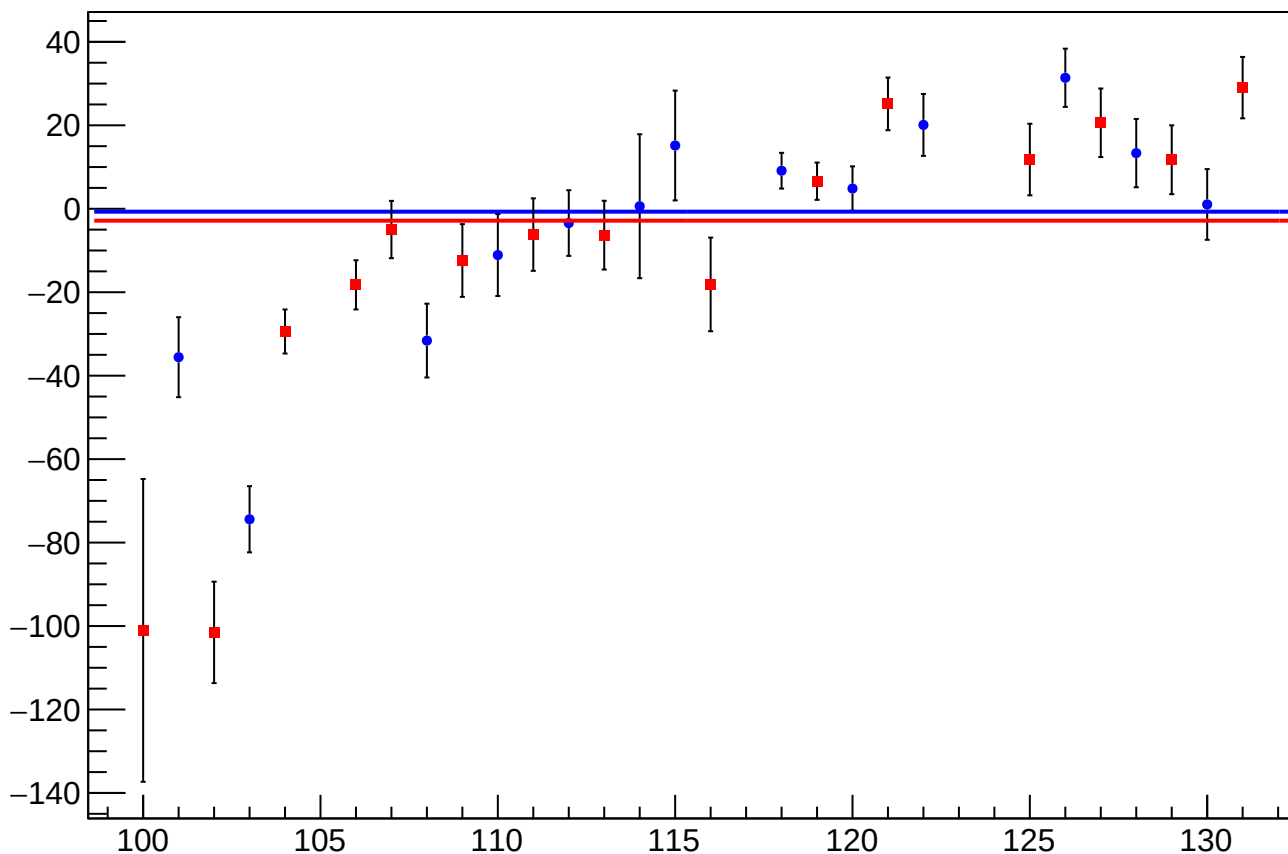
Right: 294.513 $\pm$ 1.364 χ^2 /NDF: 2504.1/27

In: 311.593 $\pm$ 2.077 χ^2 /NDF:726.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 294.513 $\pm$ 1.364 χ^2 /NDF: 2504.1/27

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.697 ± 2.073 χ^2/NDF : 152.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.851 ± 1.892 χ^2/NDF : 166.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

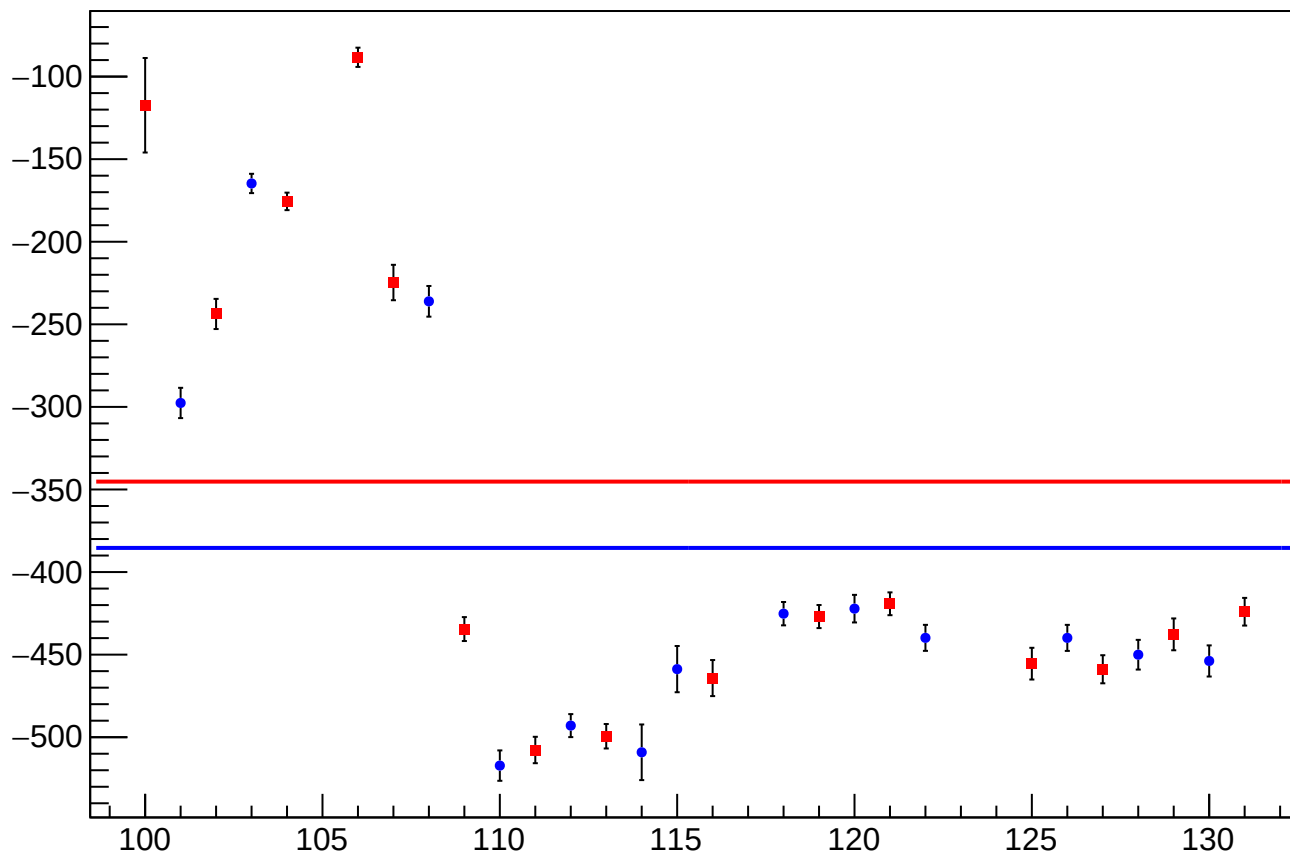
Right: -1.872 ± 1.398 χ^2/NDF : 319.4/27

In: -0.697 ± 2.073 χ^2/NDF : 152.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.872 ± 1.398 χ^2/NDF : 319.4/27

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -385.384+/-2.331 χ^2/NDF : 2551.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -345.231+/-2.043 χ^2/NDF : 5143.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

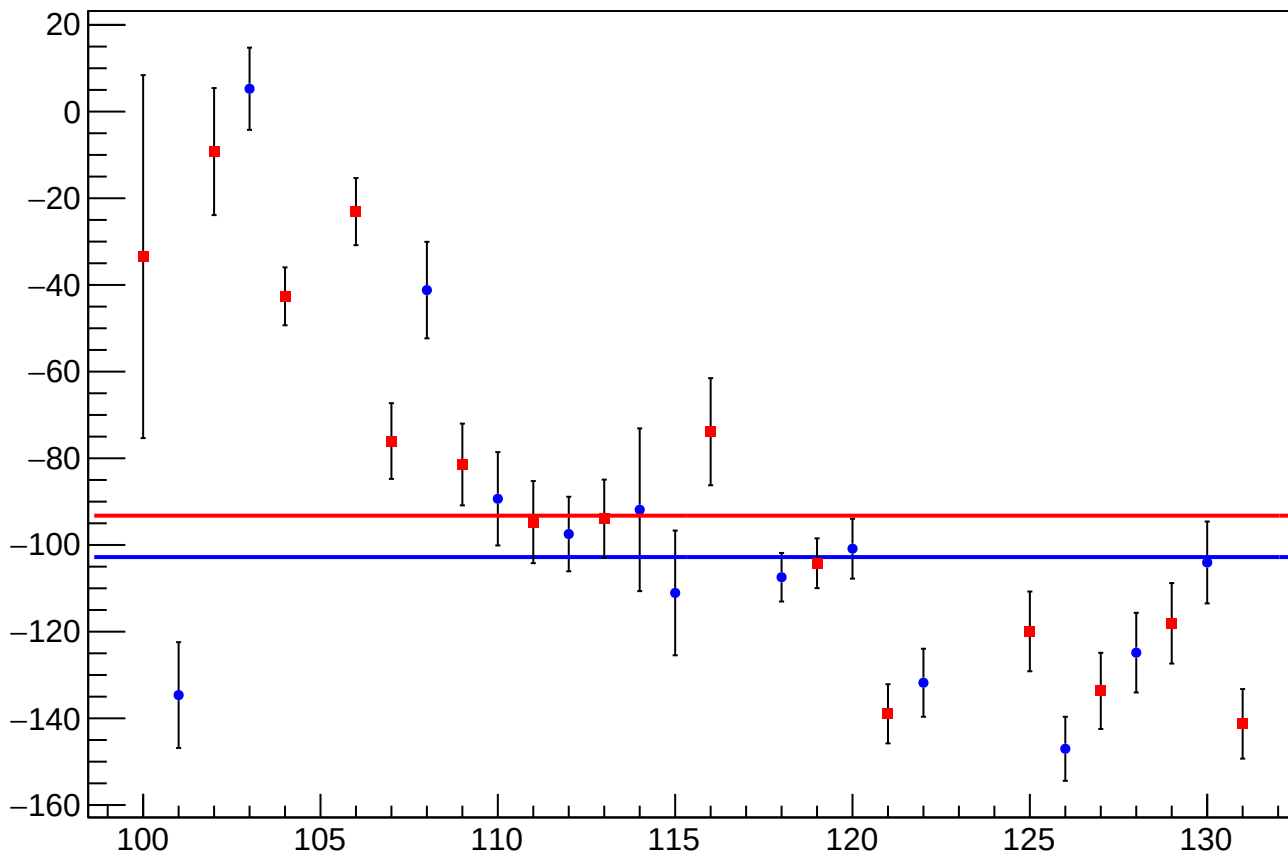
Right: -362.675+/-1.537 χ^2/NDF : 7863.1/27

In: -385.384+/-2.331 χ^2/NDF : 2551.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.675+/-1.537 χ^2/NDF : 7863.1/27

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -102.793+/-2.453 χ^2/NDF : 226.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.235+/-2.224 χ^2/NDF : 303.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

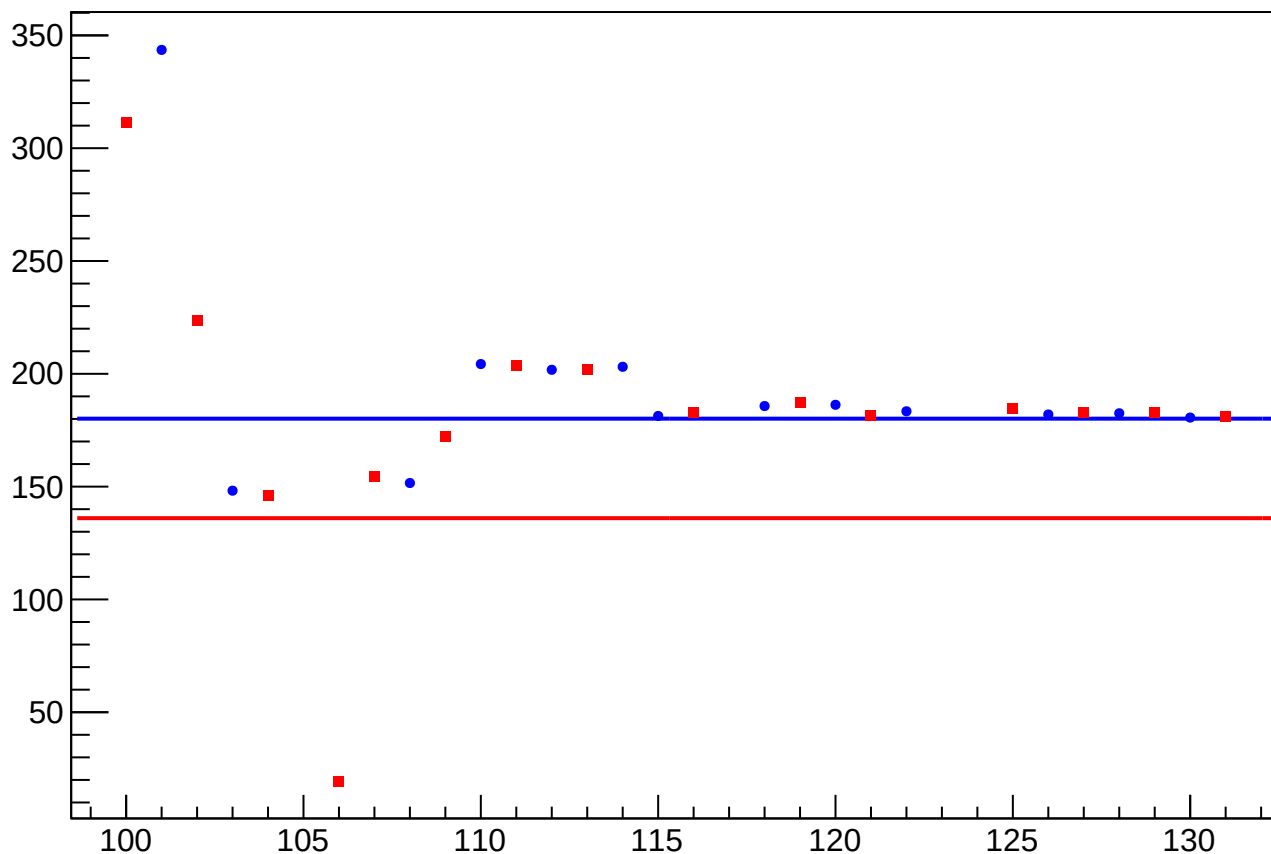
Right: -97.546+/-1.648 χ^2/NDF : 537.6/27

In: -102.793+/-2.453 χ^2/NDF : 226.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.546+/-1.648 χ^2/NDF : 537.6/27

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 180.123+/-0.144 χ^2/NDF : 114886.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.018+/-0.119 χ^2/NDF : 384326.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

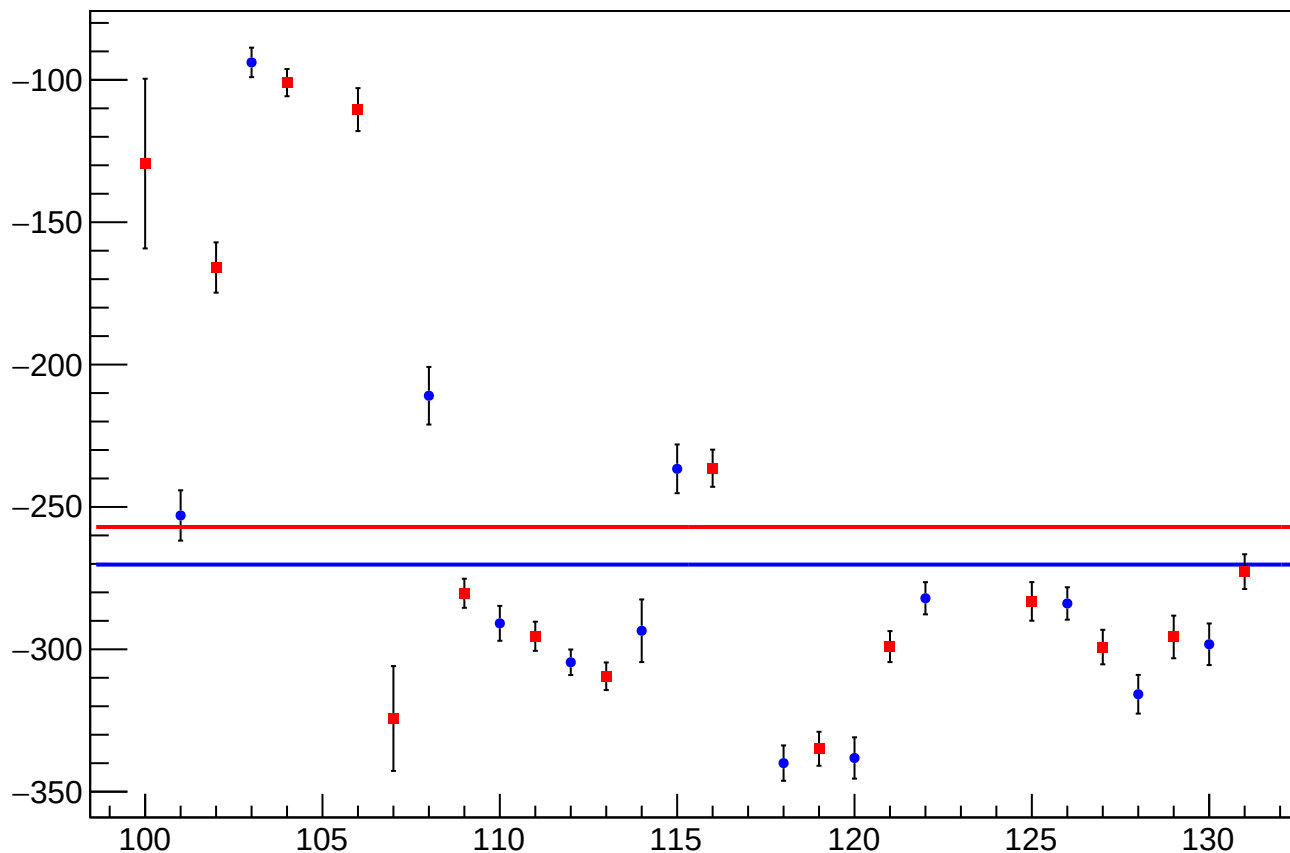
Right: 153.815+/-0.092 χ^2/NDF : 554827.7/27

In: 180.123+/-0.144 χ^2/NDF : 114886.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.815+/-0.092 χ^2/NDF : 554827.7/27

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -270.243+/-1.809 χ^2/NDF : 1572.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.038+/-1.630 χ^2/NDF : 2113.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

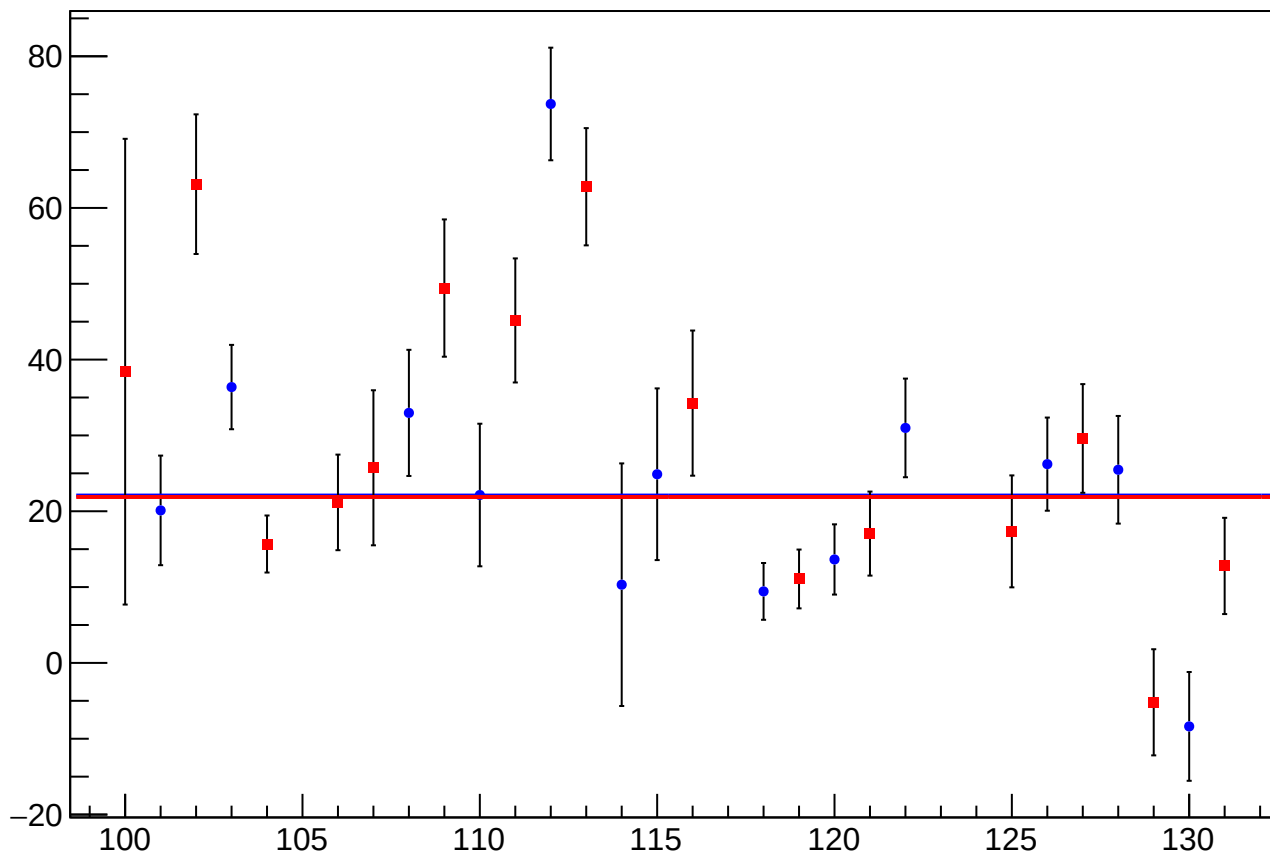
Right: -262.956+/-1.211 χ^2/NDF : 3715.1/27

In: -270.243+/-1.809 χ^2/NDF : 1572.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.956+/-1.211 χ^2/NDF : 3715.1/27

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.066+/-1.783 χ^2/NDF : 92.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.883+/-1.678 χ^2/NDF : 97.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

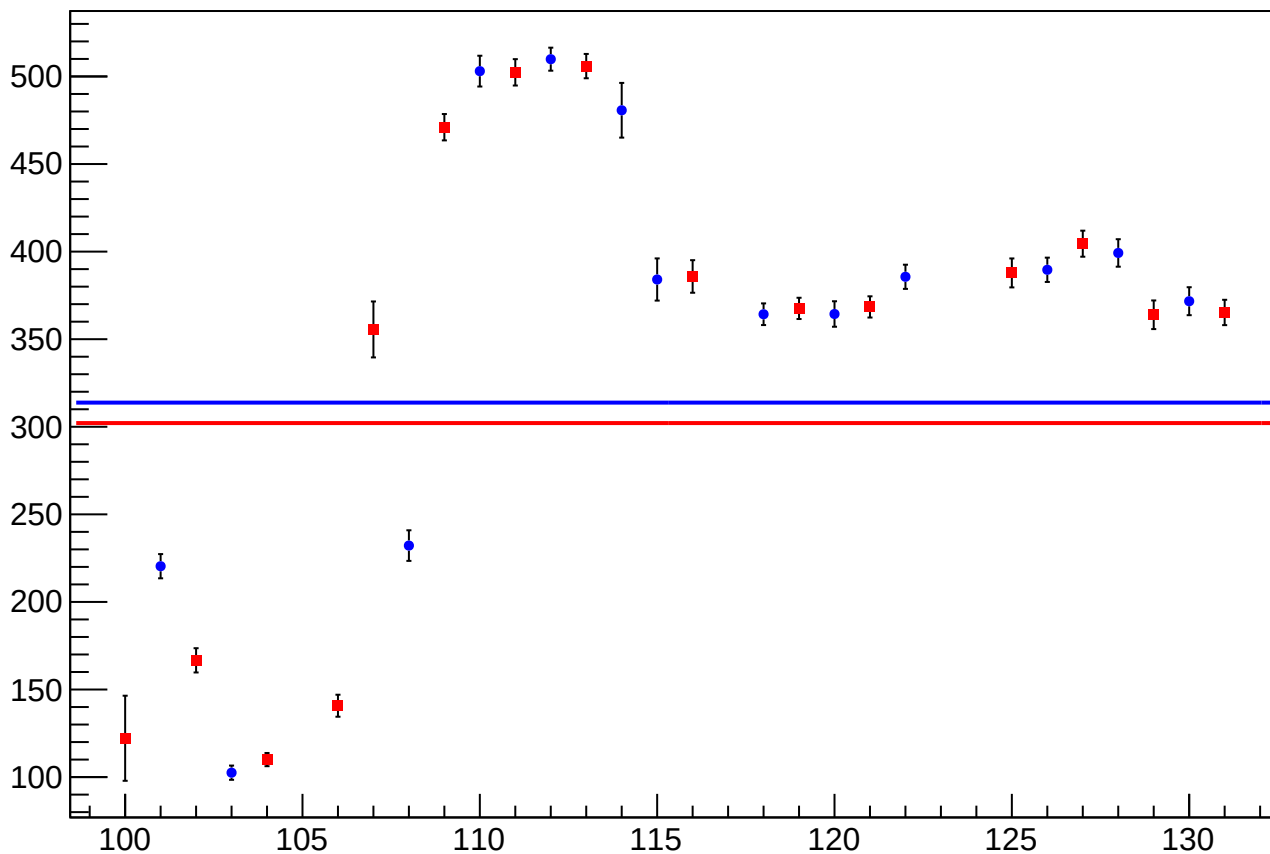
Right: 21.969+/-1.222 χ^2/NDF : 190.0/27

In: 22.066+/-1.783 χ^2/NDF : 92.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-1.222 χ^2/NDF : 190.0/27

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 313.795+/-1.960 χ^2/NDF : 4986.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.115+/-1.793 χ^2/NDF : 6528.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

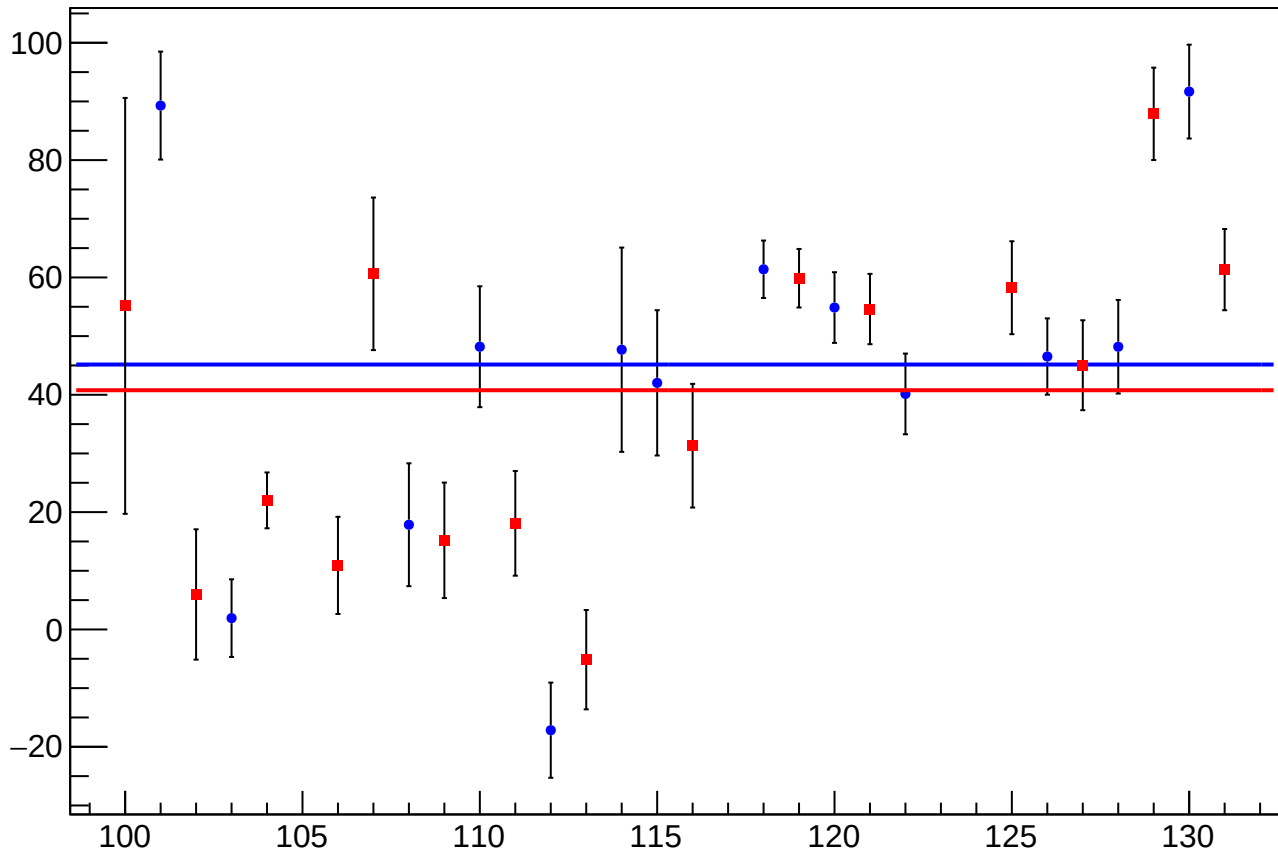
Right: 307.436+/-1.323 χ^2/NDF : 11534.3/27

In: 313.795+/-1.960 χ^2/NDF : 4986.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.436+/-1.323 χ^2/NDF : 11534.3/27

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.157+/-2.115 χ^2/NDF : 179.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.775+/-1.971 χ^2/NDF : 154.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

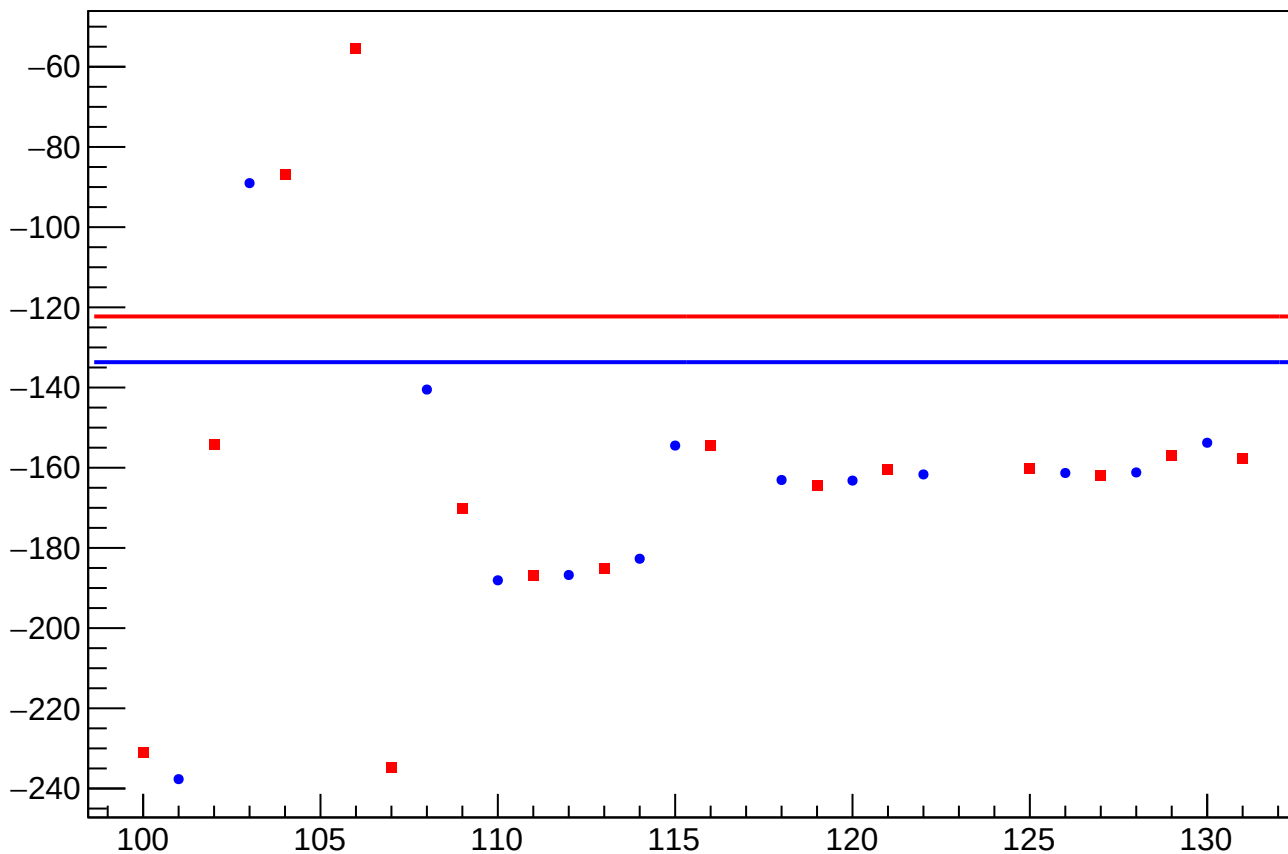
Right: 42.812+/-1.442 χ^2/NDF : 336.2/27

In: 45.157+/-2.115 χ^2/NDF : 179.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.812+/-1.442 χ^2/NDF : 336.2/27

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -133.674+/-0.115 χ^2/NDF : 166374.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -122.271+/-0.105 χ^2/NDF : 218039.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

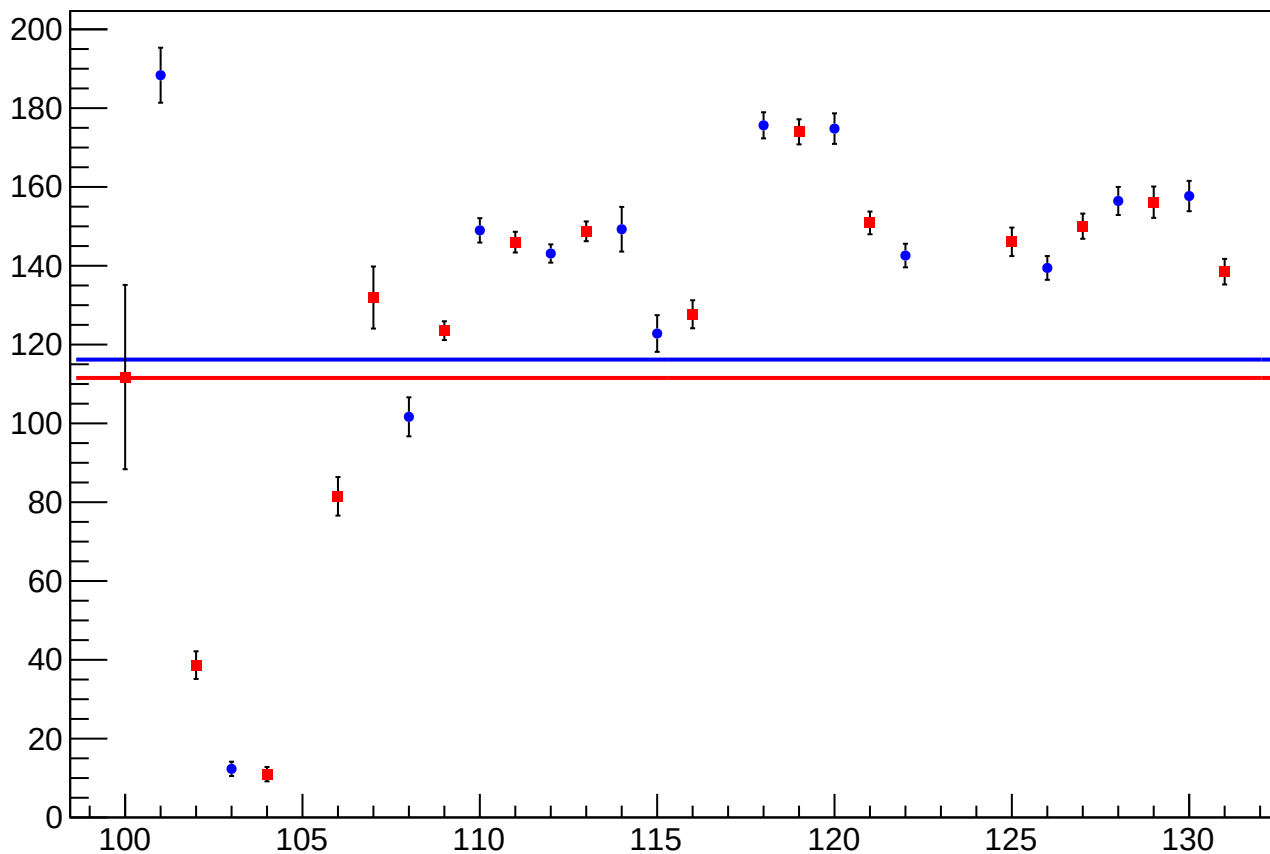
Right: -127.442+/-0.078 χ^2/NDF : 389750.5/27

In: -133.674+/-0.115 χ^2/NDF :166374.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -127.442+/-0.078 χ^2/NDF : 389750.5/27

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 116.189 $\pm$ 0.892 χ^2 /NDF: 4596.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.529 $\pm$ 0.803 χ^2 /NDF: 4946.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

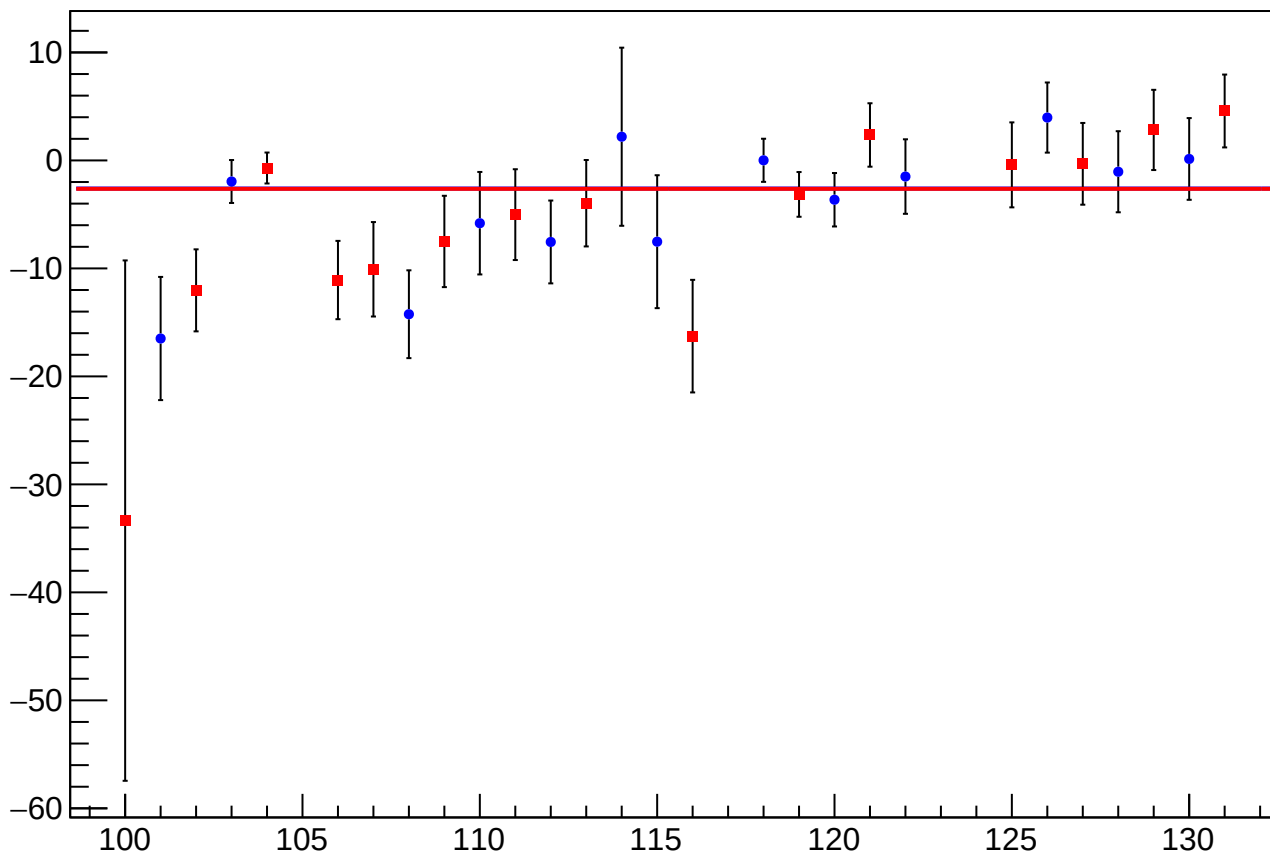
Right: 113.616 $\pm$ 0.597 χ^2 /NDF: 9557.6/27

In: 116.189 $\pm$ 0.892 χ^2 /NDF:4596.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.616 $\pm$ 0.597 χ^2 /NDF: 9557.6/27

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.603+/-0.901 χ^2/NDF : 24.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.630+/-0.805 χ^2/NDF : 36.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

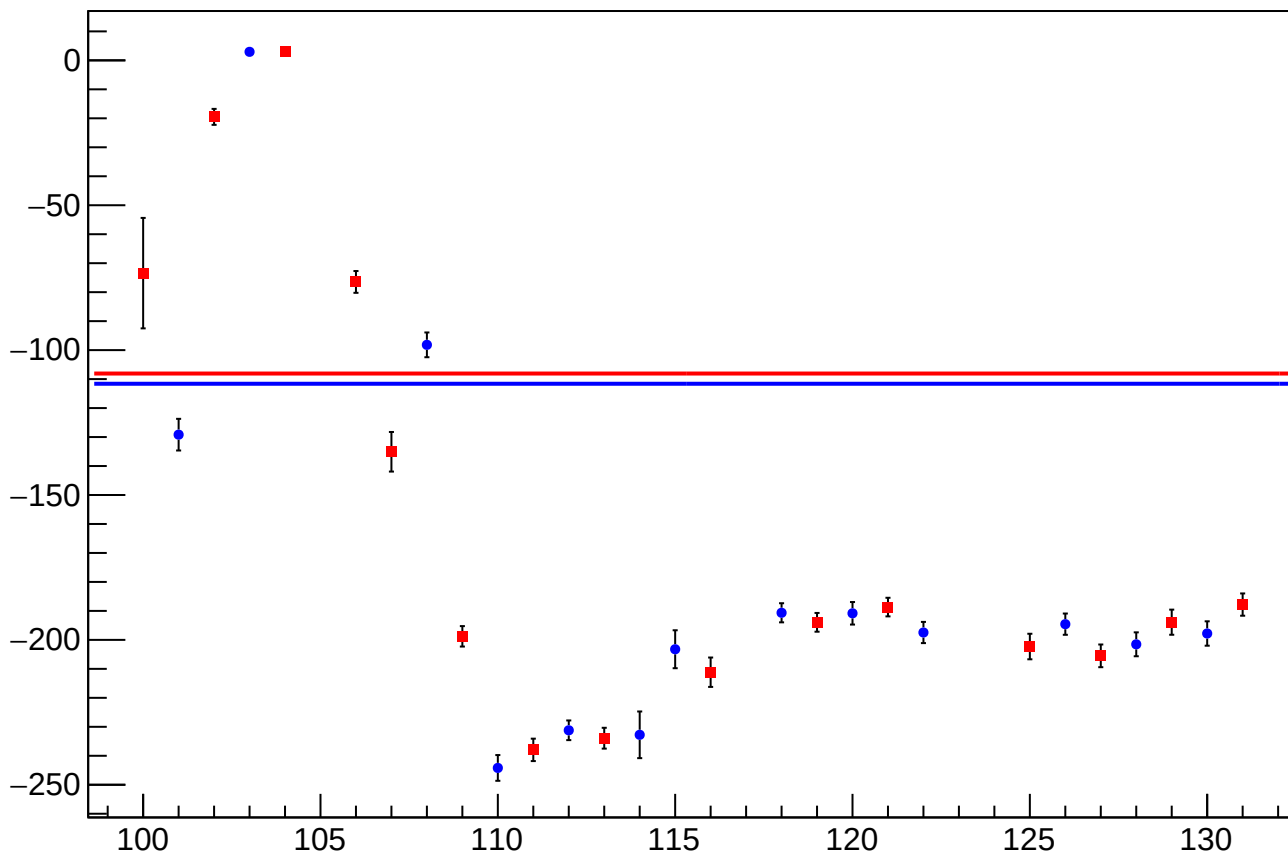
Right: -2.618+/-0.600 χ^2/NDF : 61.0/27

In: -2.603+/-0.901 χ^2/NDF :24.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.618+/-0.600 χ^2/NDF : 61.0/27

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -111.609+/-0.922 χ^2 /NDF: 11957.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -108.081+/-0.845 χ^2 /NDF: 13719.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

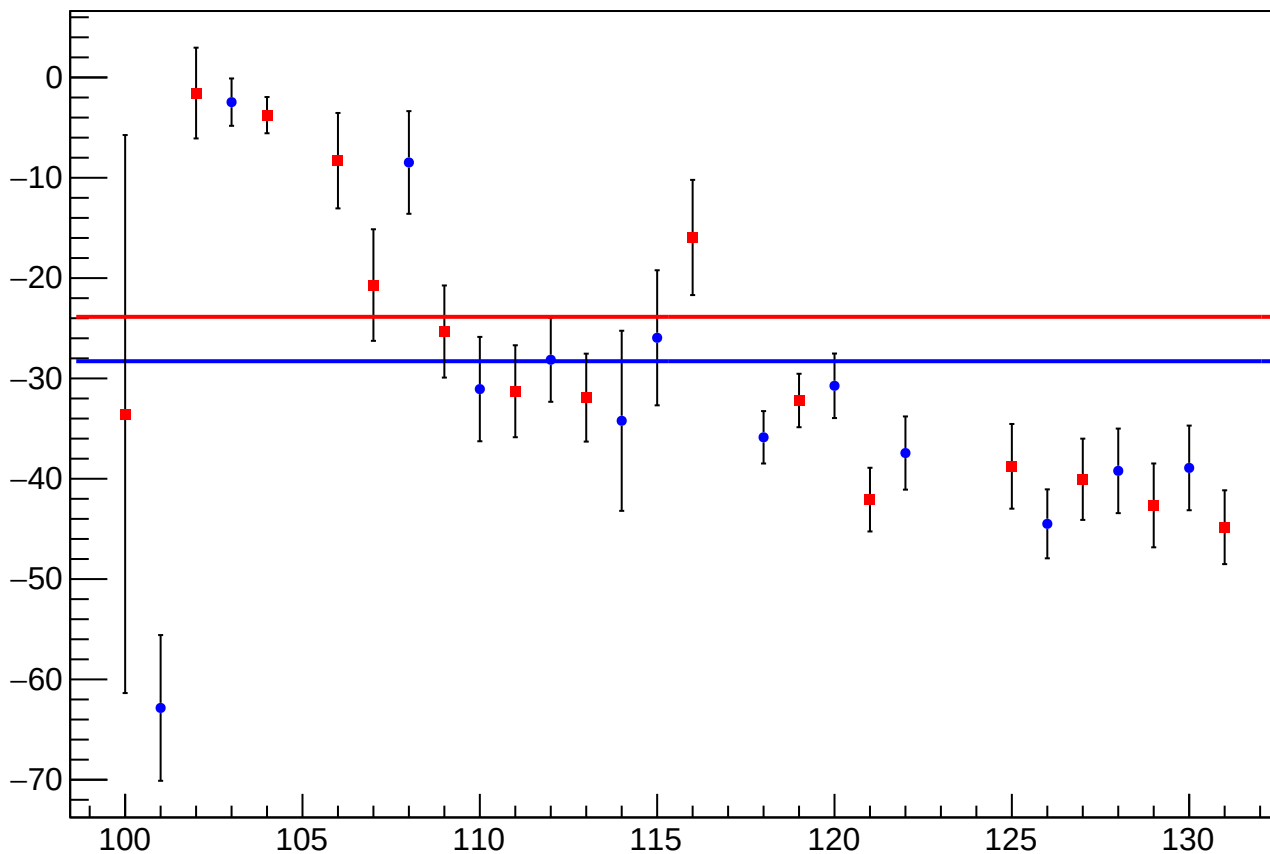
Right: -109.691+/-0.623 χ^2 /NDF: 25685.1/27

In: -111.609+/-0.922 χ^2 /NDF:11957.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -109.691+/-0.623 χ^2 /NDF: 25685.1/27

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.284 $\pm$ 1.066 χ^2 /NDF: 208.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.860 $\pm$ 0.954 χ^2 /NDF: 291.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

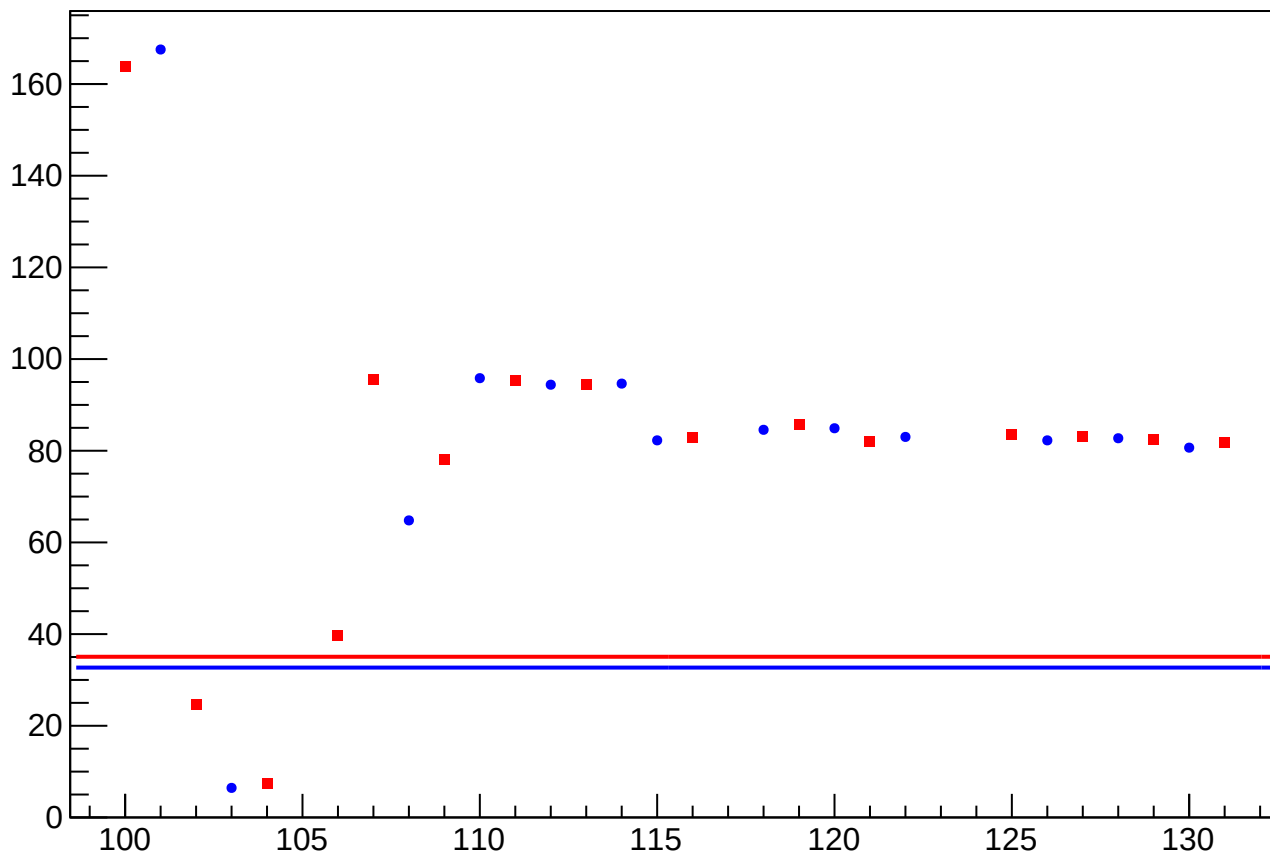
Right: -25.828 $\pm$ 0.711 χ^2 /NDF: 509.7/27

In: -28.284 $\pm$ 1.066 χ^2 /NDF: 208.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.828 $\pm$ 0.711 χ^2 /NDF: 509.7/27

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 32.695+/-0.049 χ^2/NDF : 678263.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.055+/-0.048 χ^2/NDF : 524408.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

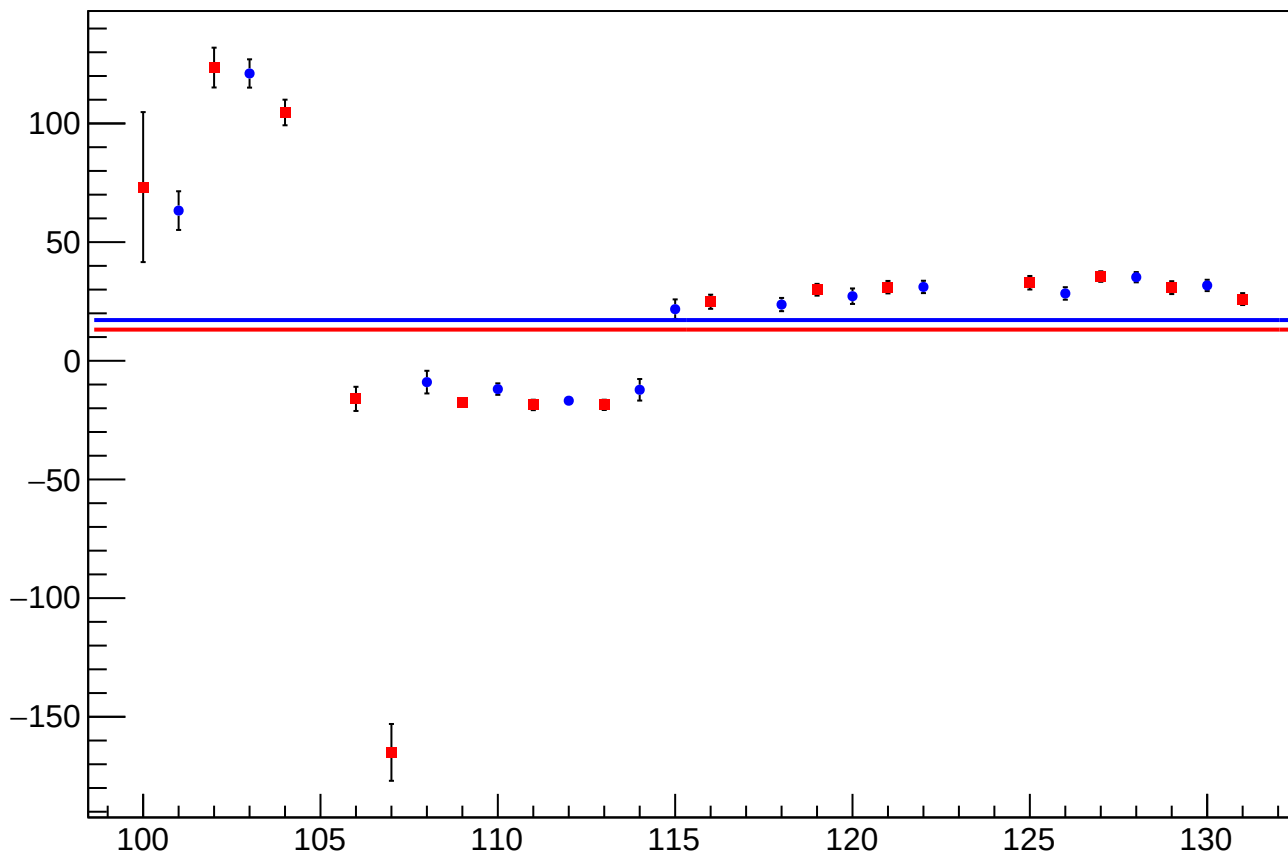
Right: 33.903+/-0.034 χ^2/NDF : 1203876.2/27

In: 32.695+/-0.049 χ^2/NDF : 678263.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.903+/-0.034 χ^2/NDF : 1203876.2/27

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 17.164+/-0.814 χ^2/NDF : 1000.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.139+/-0.748 χ^2/NDF : 1688.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

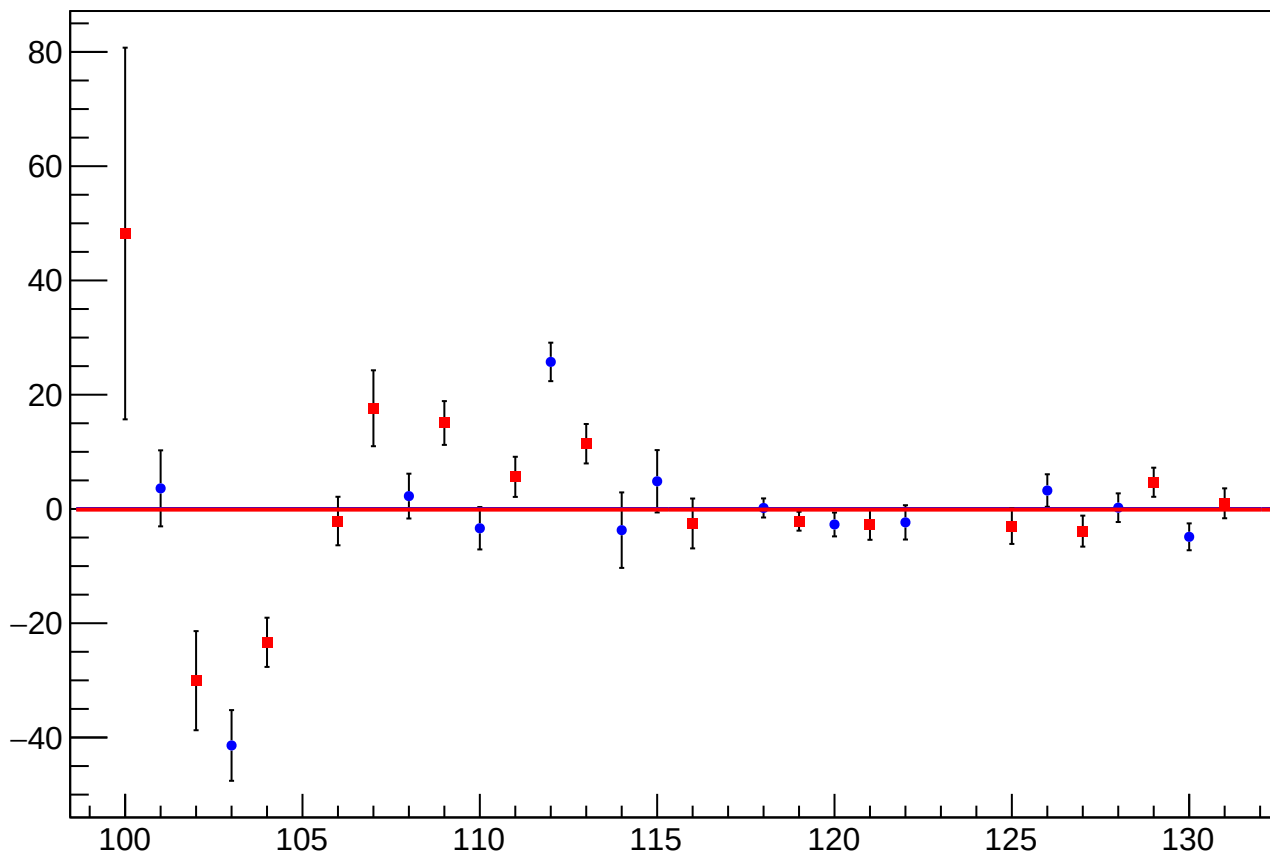
Right: 14.980+/-0.551 χ^2/NDF : 2702.9/27

In: 17.164+/-0.814 χ^2/NDF : 1000.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.980+/-0.551 χ^2/NDF : 2702.9/27

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.818 χ^2 /NDF: 113.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.112+/-0.823 χ^2 /NDF: 89.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

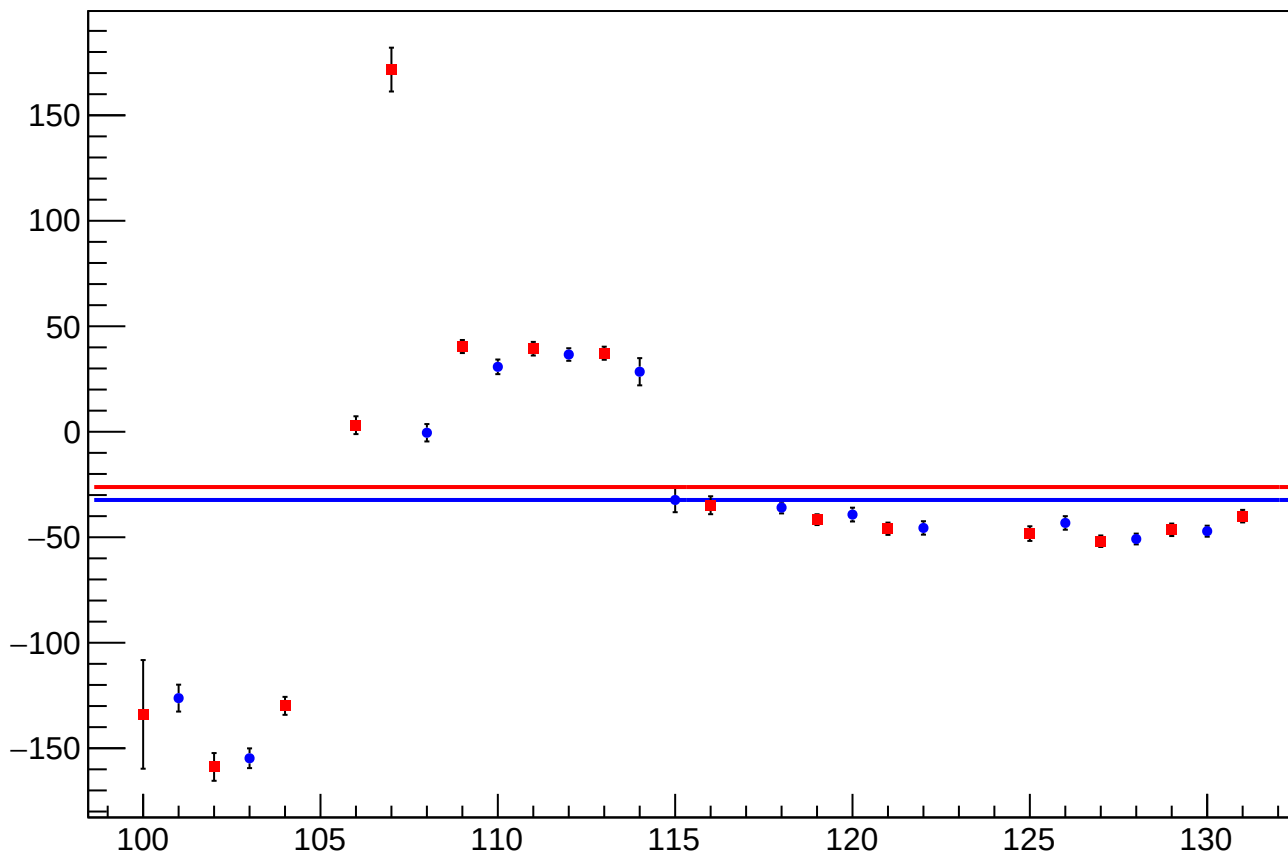
Right: -0.062+/-0.580 χ^2 /NDF: 203.0/27

In: -0.012+/-0.818 χ^2 /NDF:113.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.062+/-0.580 χ^2 /NDF: 203.0/27

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.330+/-0.955 χ^2/NDF : 2036.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.199+/-0.905 χ^2/NDF : 3007.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

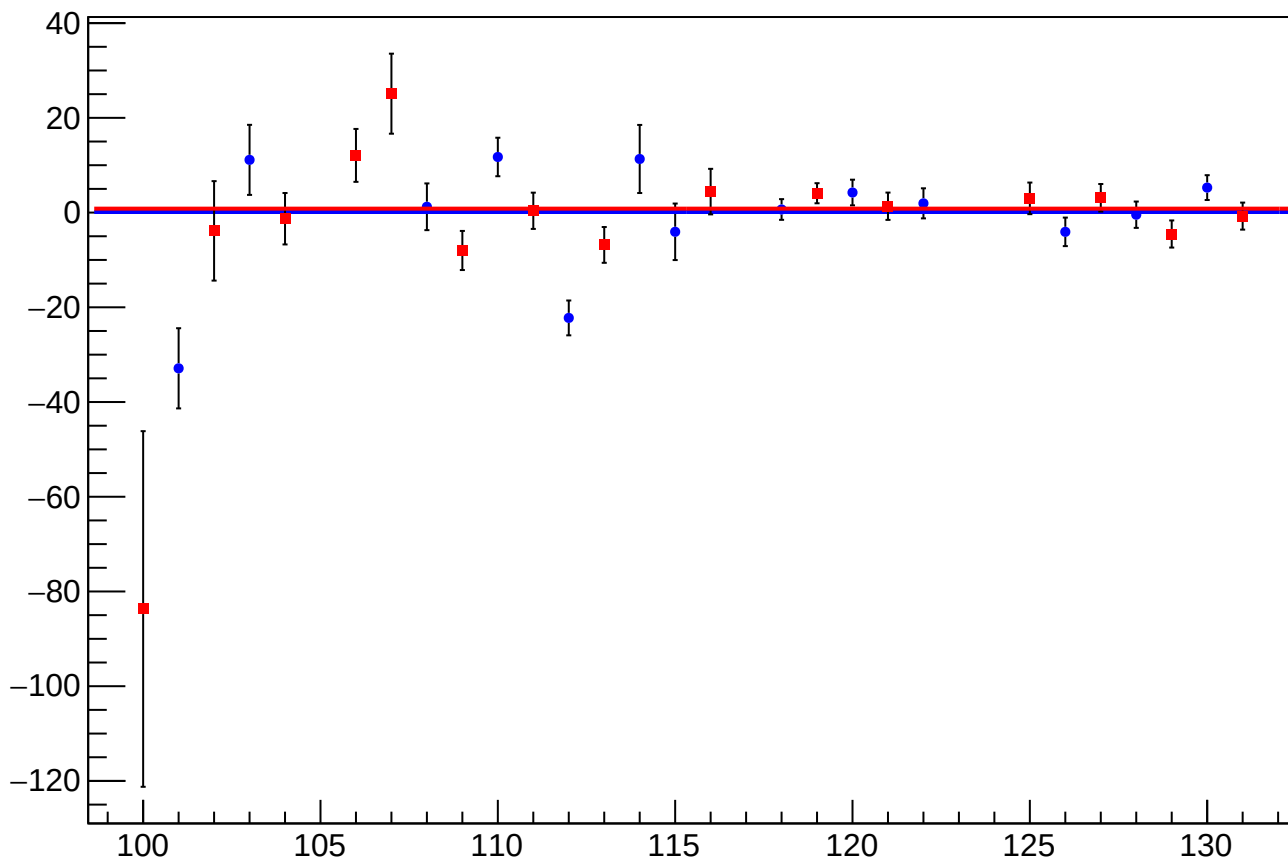
Right: -29.099+/-0.657 χ^2/NDF : 5065.8/27

In: -32.330+/-0.955 χ^2/NDF : 2036.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.099+/-0.657 χ^2/NDF : 5065.8/27

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.122 $\pm$ 0.960 χ^2 /NDF: 74.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.829 $\pm$ 0.943 χ^2 /NDF: 34.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

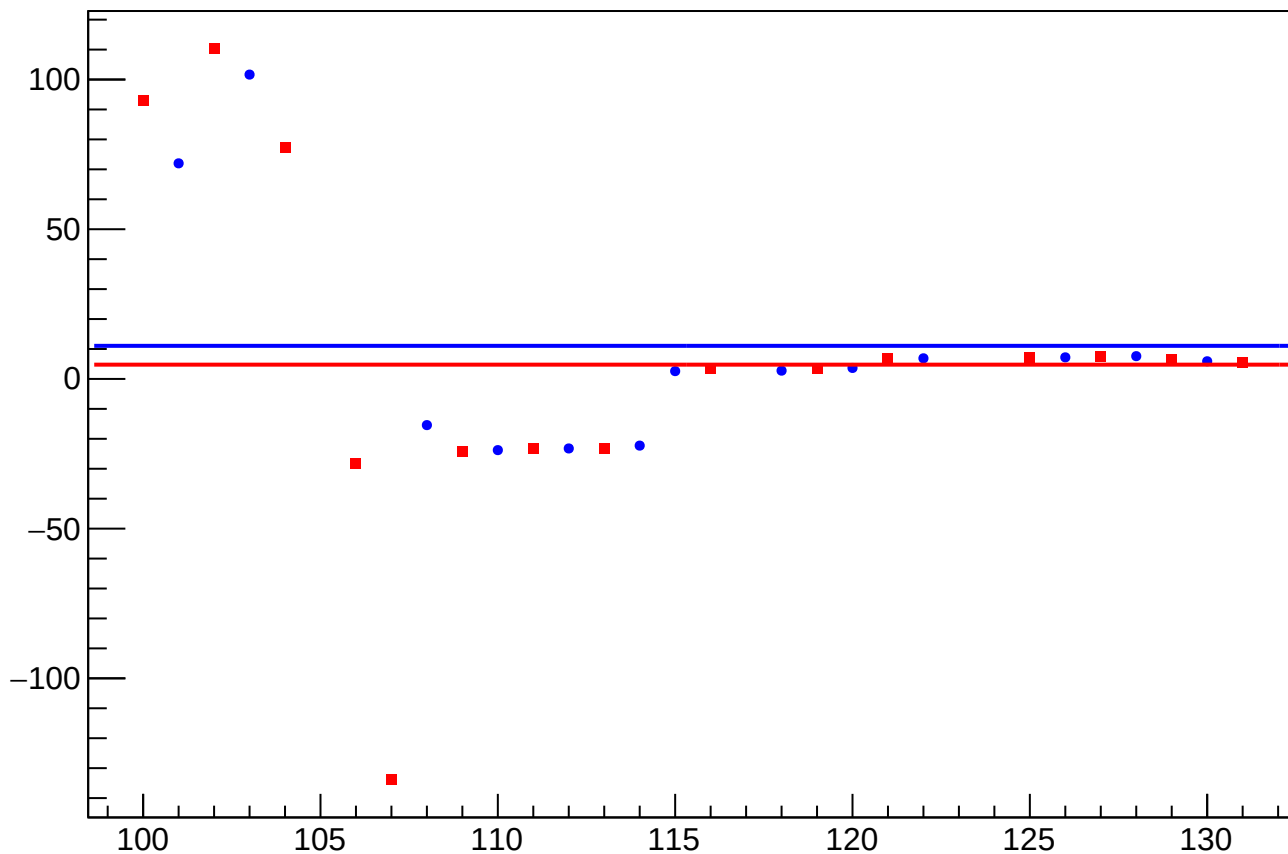
Right: 0.482 $\pm$ 0.673 χ^2 /NDF: 108.6/27

In: 0.122 $\pm$ 0.960 χ^2 /NDF:74.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.482 $\pm$ 0.673 χ^2 /NDF: 108.6/27

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.053+/-0.067 χ^2/NDF : 308880.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.767+/-0.064 χ^2/NDF : 446601.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

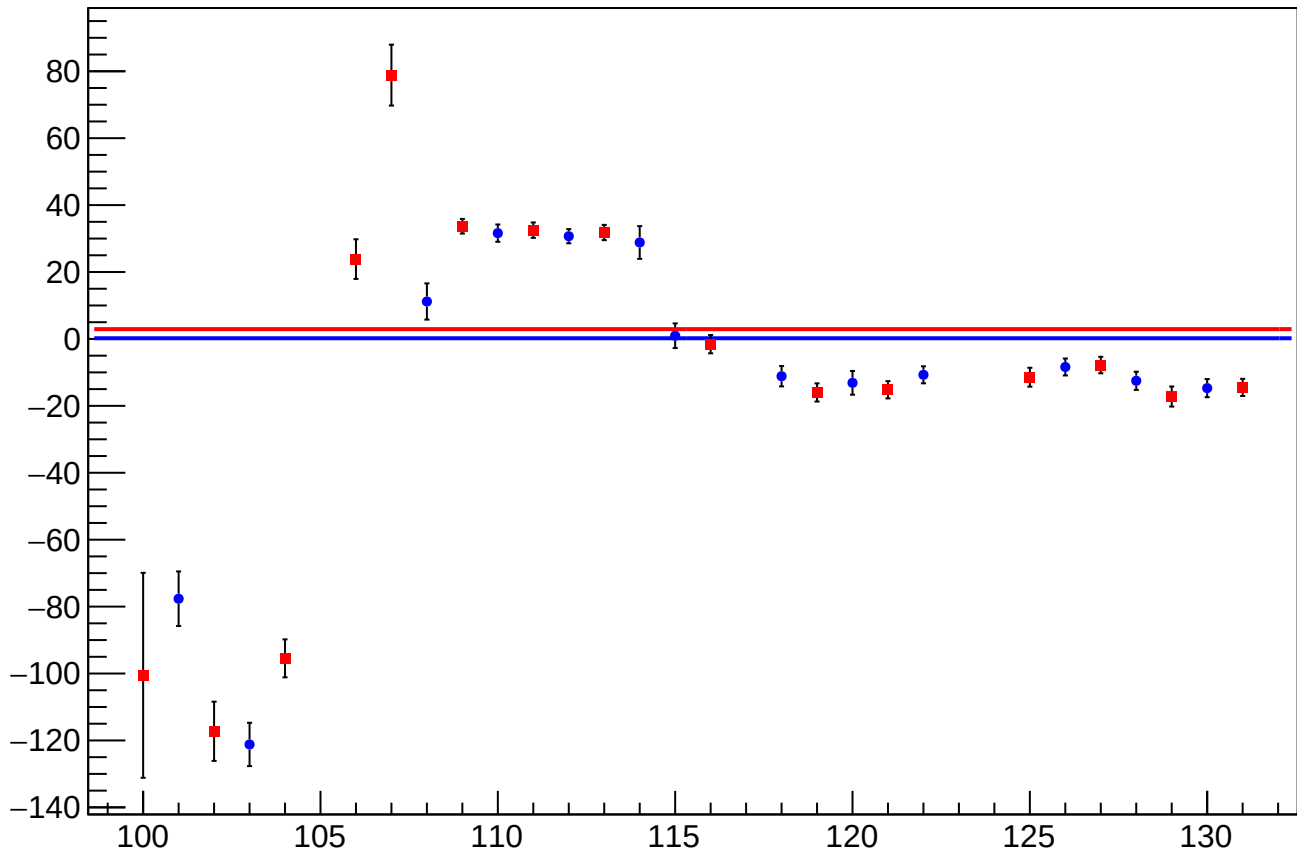
Right: 7.773+/-0.046 χ^2/NDF : 760044.0/27

In: 11.053+/-0.067 χ^2/NDF : 308880.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.773+/-0.046 χ^2/NDF : 760044.0/27

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.199+/-0.867 χ^2/NDF : 946.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.929+/-0.780 χ^2/NDF : 1336.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

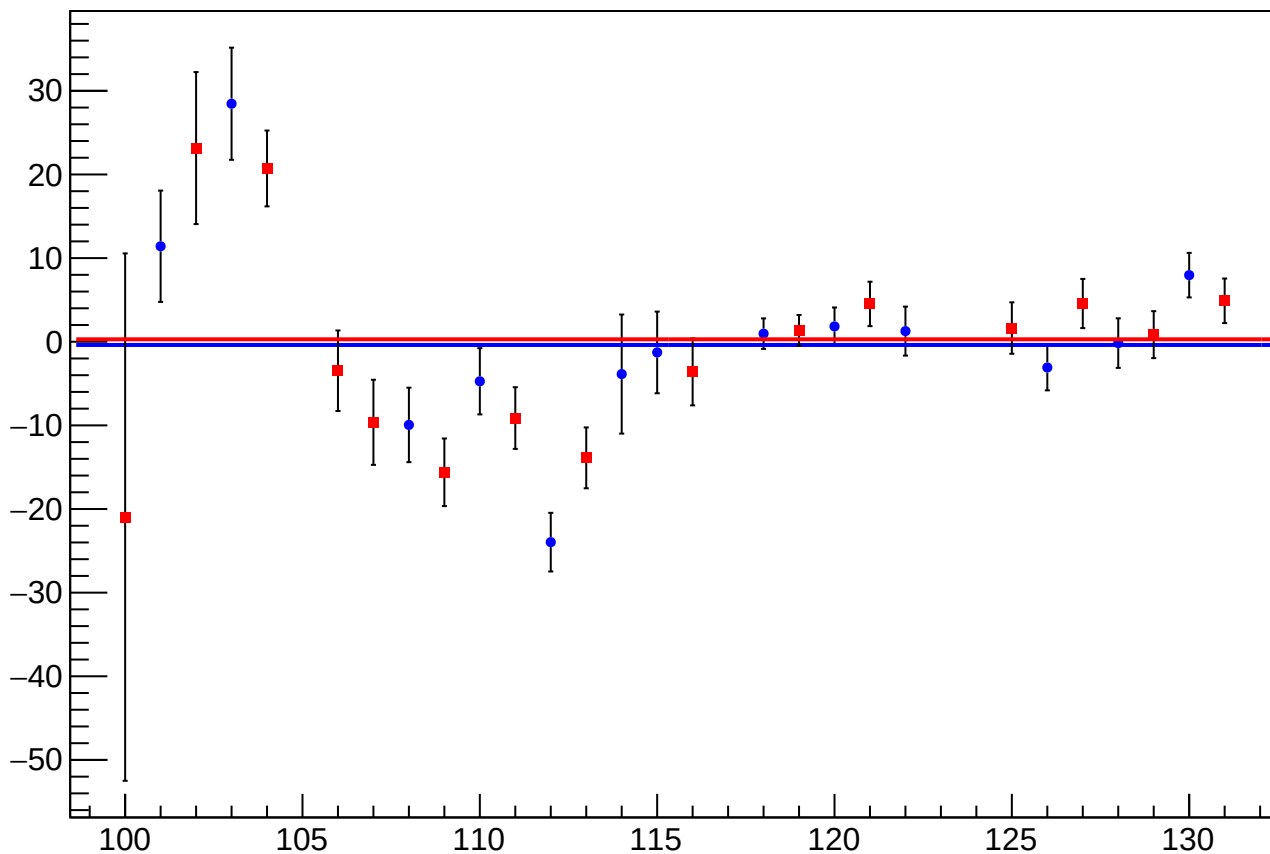
Right: 1.708+/-0.580 χ^2/NDF : 2288.6/27

In: 0.199+/-0.867 χ^2/NDF : 946.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.708+/-0.580 χ^2/NDF : 2288.6/27

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.385 ± 0.876 χ^2/NDF : 85.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.292 ± 0.862 χ^2/NDF : 77.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

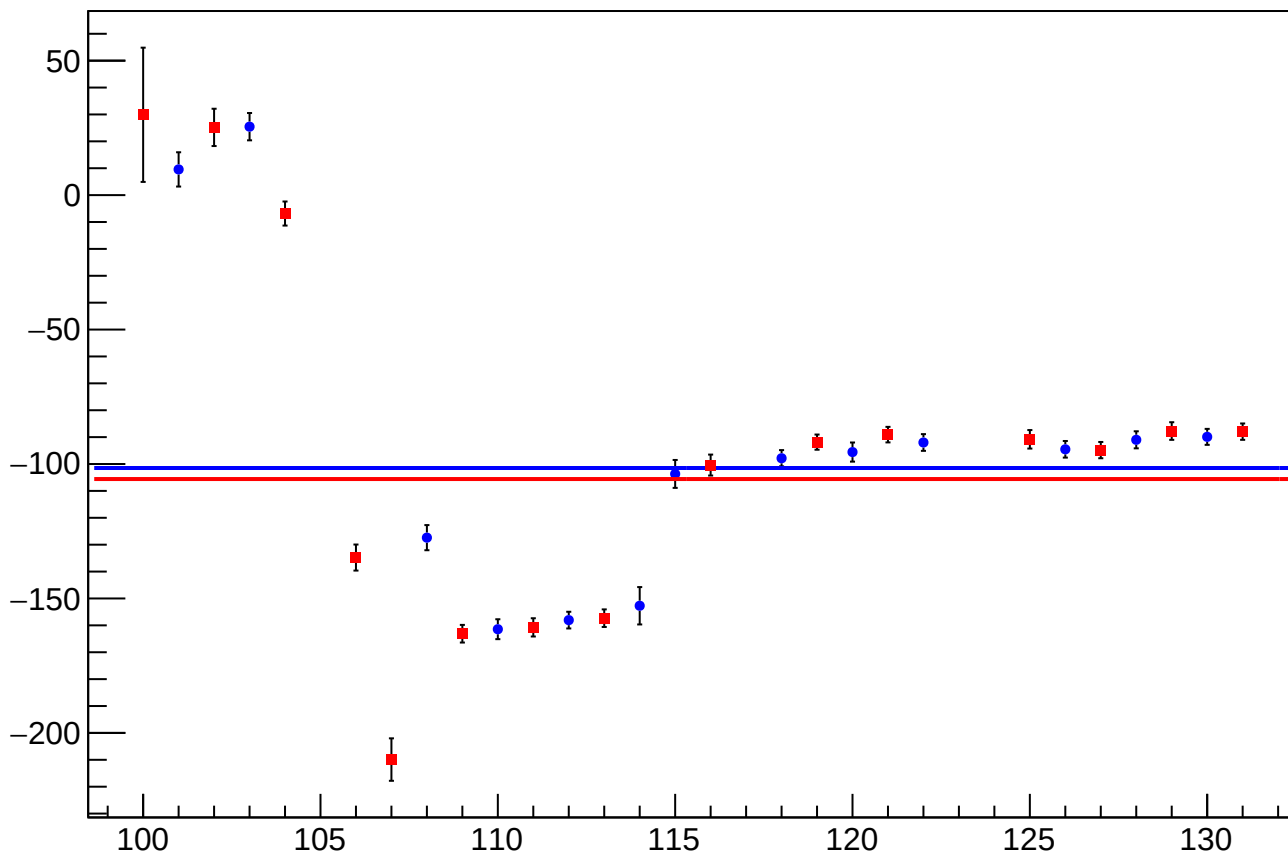
Right: -0.041 ± 0.614 χ^2/NDF : 163.7/27

In: -0.385 ± 0.876 χ^2/NDF : 85.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.614 χ^2/NDF : 163.7/27

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -101.484+/-1.024 χ^2/NDF : 1653.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -105.586+/-0.949 χ^2/NDF : 2057.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

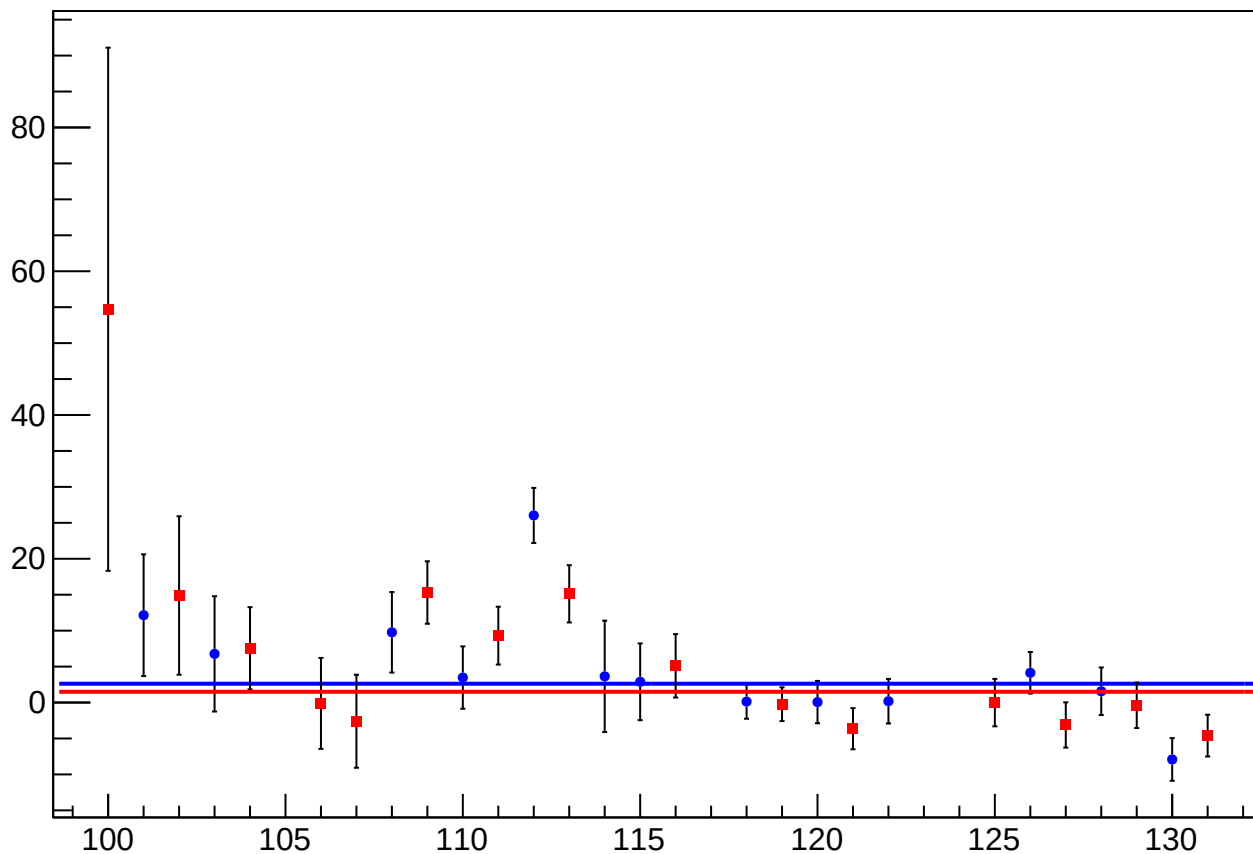
Right: -103.691+/-0.696 χ^2/NDF : 3719.6/27

In: -101.484+/-1.024 χ^2/NDF :1653.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -103.691+/-0.696 χ^2/NDF : 3719.6/27

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.618+/-1.024 χ^2/NDF : 56.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.498+/-0.984 χ^2/NDF : 42.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

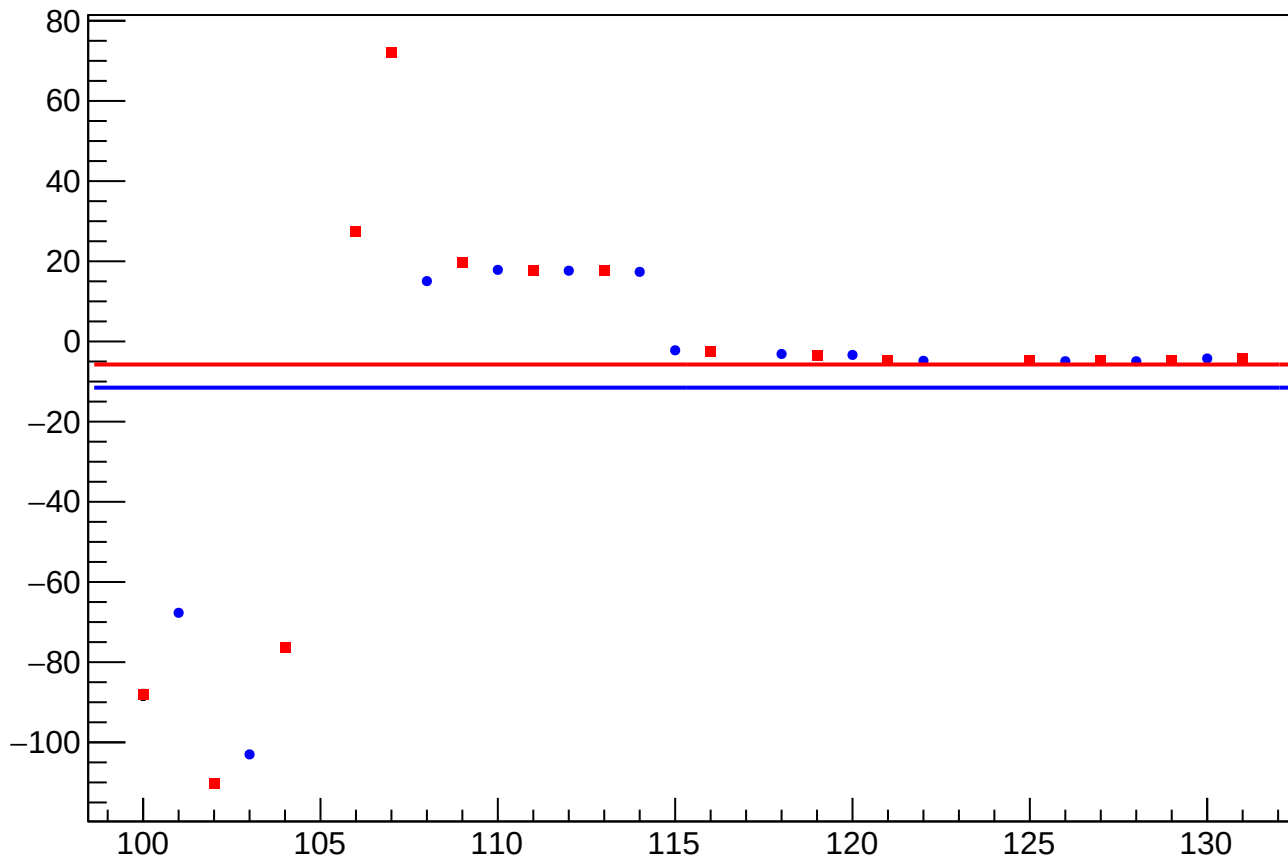
Right: 2.036+/-0.710 χ^2/NDF : 98.9/27

In: 2.618+/-1.024 χ^2/NDF : 56.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.036+/-0.710 χ^2/NDF : 98.9/27

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.522+/-0.072 χ^2/NDF : 257789.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.744+/-0.068 χ^2/NDF : 338886.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

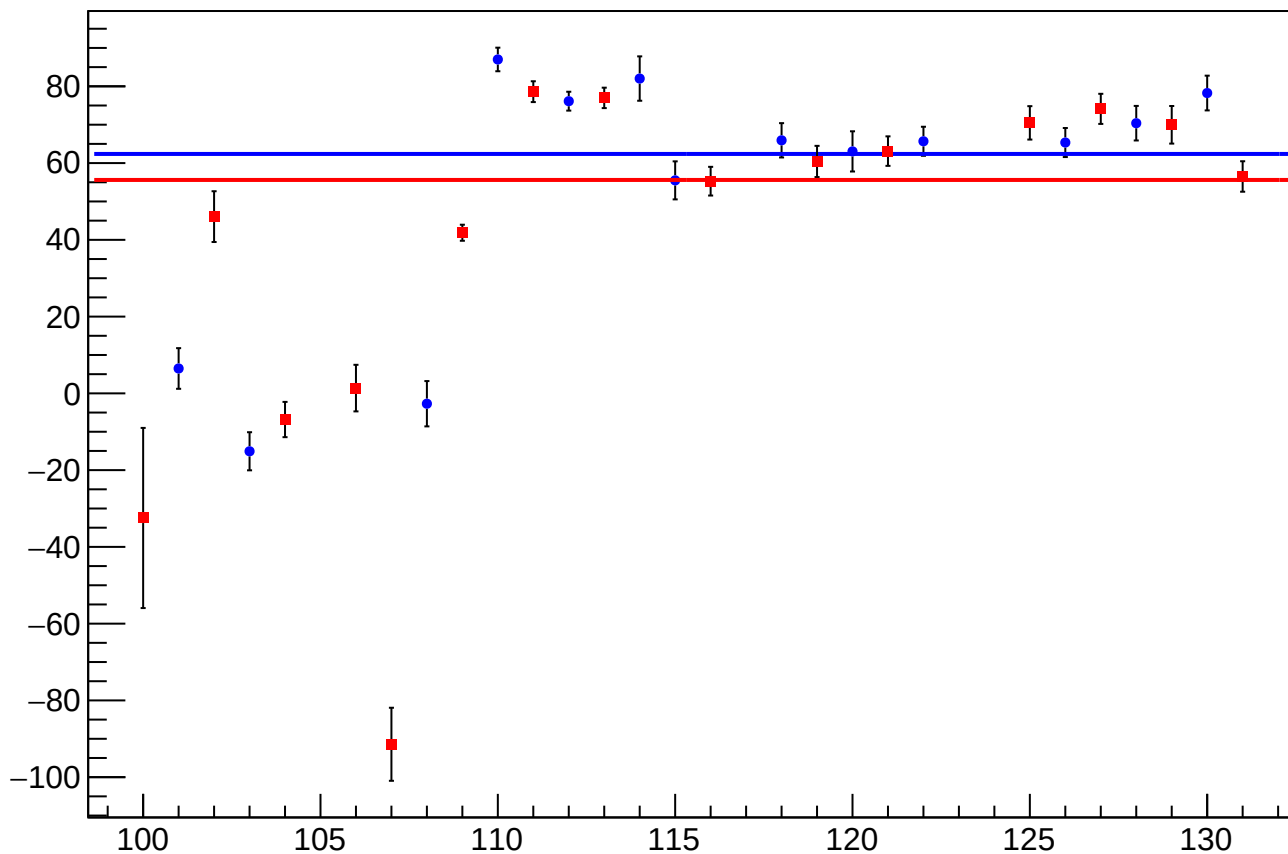
Right: -8.435+/-0.049 χ^2/NDF : 600085.4/27

In: -11.522+/-0.072 χ^2/NDF :257789.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.435+/-0.049 χ^2/NDF : 600085.4/27

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 62.380+/-1.138 χ^2/NDF : 602.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.604+/-0.981 χ^2/NDF : 747.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

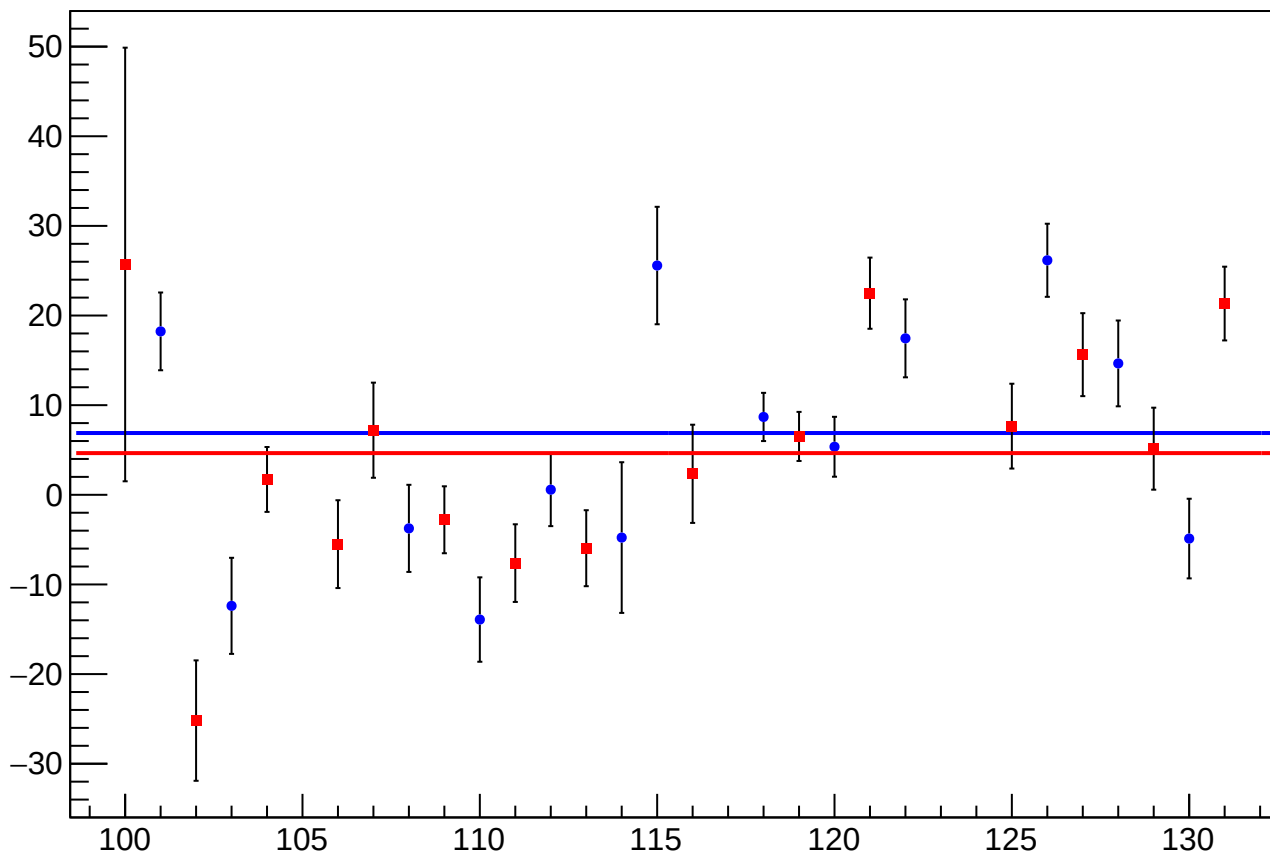
Right: 58.492+/-0.743 χ^2/NDF : 1370.3/27

In: 62.380+/-1.138 χ^2/NDF : 602.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.492+/-0.743 χ^2/NDF : 1370.3/27

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.893 $\pm$ 1.188 χ^2 /NDF: 95.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.652 $\pm$ 1.128 χ^2 /NDF: 87.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

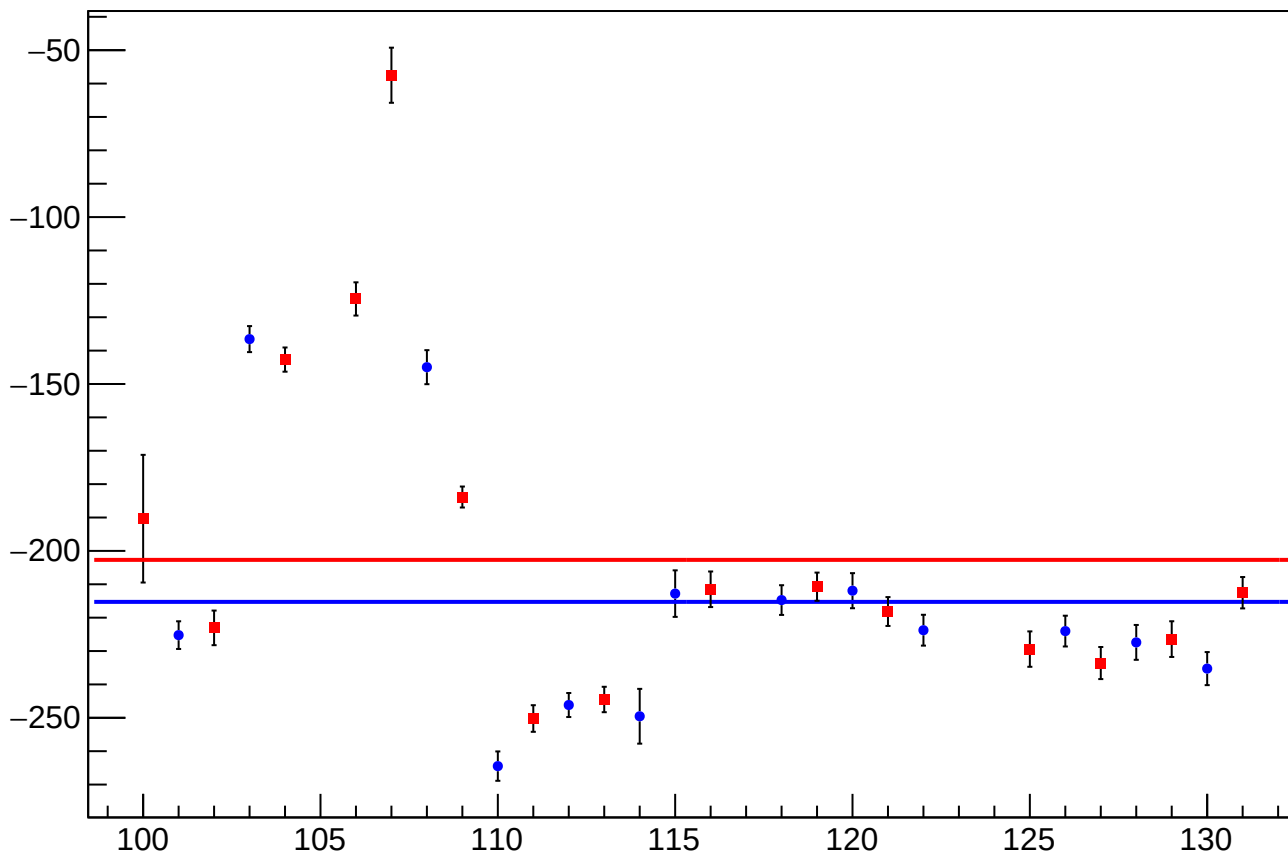
Right: 5.714 $\pm$ 0.818 χ^2 /NDF: 184.3/27

In: 6.893 $\pm$ 1.188 χ^2 /NDF:95.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.714 $\pm$ 0.818 χ^2 /NDF: 184.3/27

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -215.270 ± 1.308 χ^2/NDF : 849.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -202.688 ± 1.188 χ^2/NDF : 1254.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

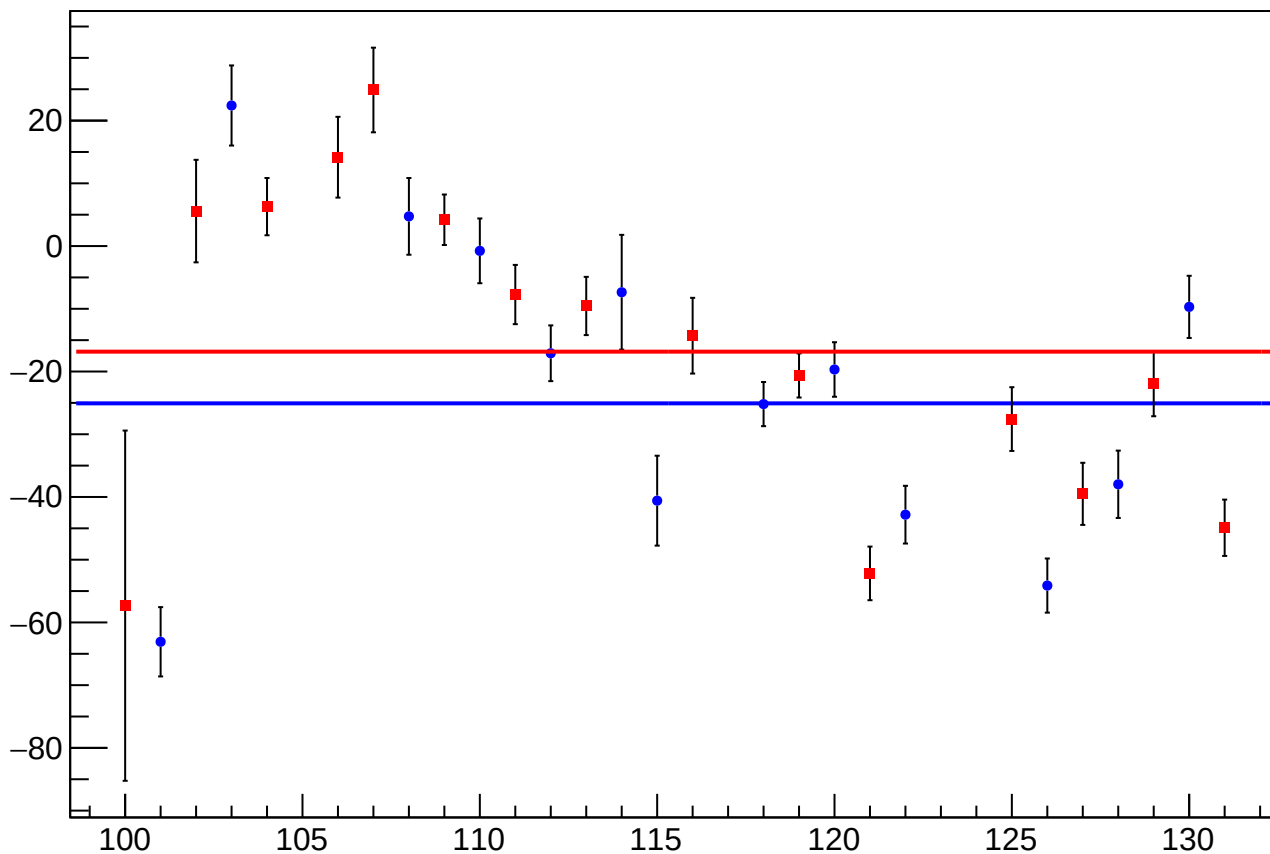
Right: -208.379 ± 0.879 χ^2/NDF : 2154.4/27

In: -215.270 ± 1.308 χ^2/NDF : 849.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -208.379 ± 0.879 χ^2/NDF : 2154.4/27

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.074 ± 1.395 χ^2/NDF : 237.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.834 ± 1.298 χ^2/NDF : 265.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

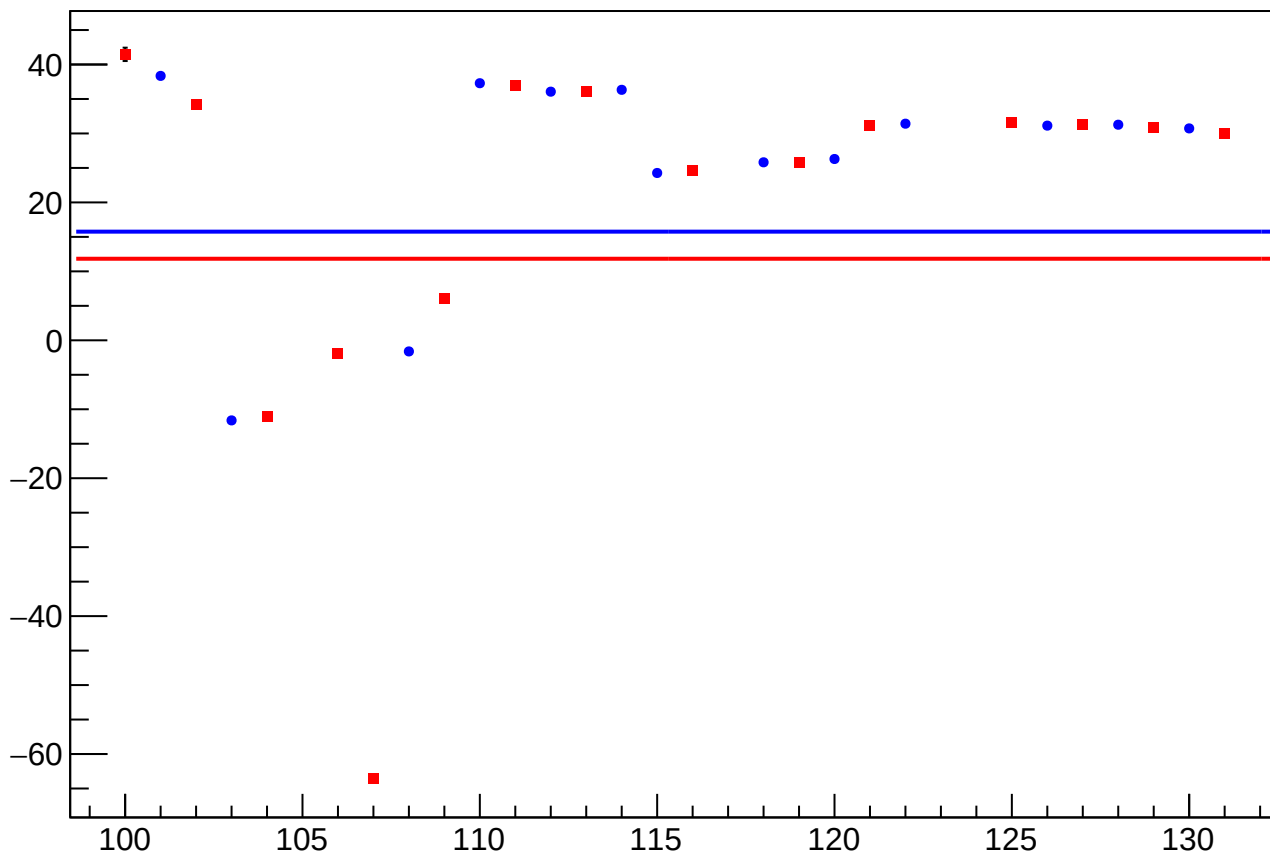
Right: -20.657 ± 0.950 χ^2/NDF : 521.6/27

In: -25.074 ± 1.395 χ^2/NDF : 237.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.657 ± 0.950 χ^2/NDF : 521.6/27

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.760 $\pm$ 0.083 χ^2 /NDF: 61547.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.830 $\pm$ 0.076 χ^2 /NDF: 111185.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

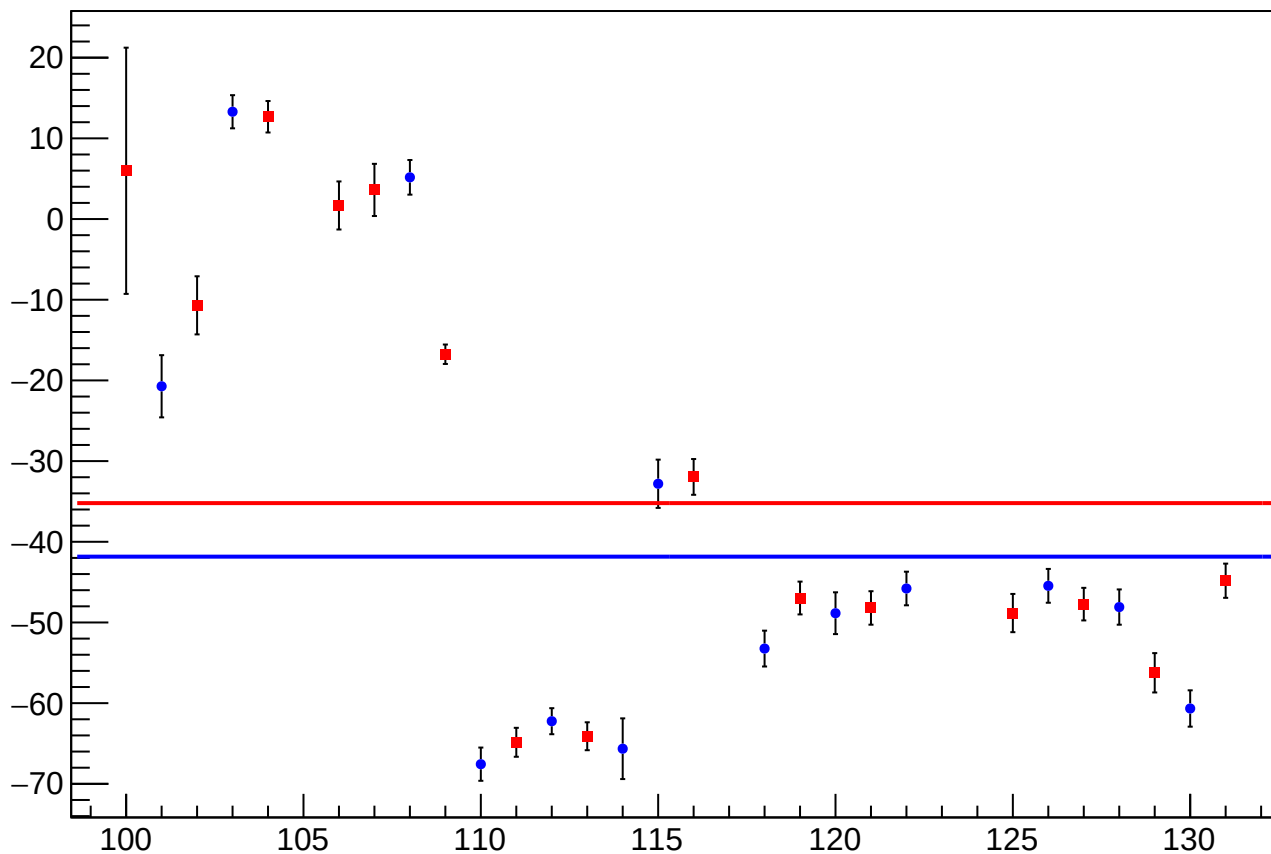
Right: 13.622 $\pm$ 0.056 χ^2 /NDF: 173948.8/27

In: 15.760 $\pm$ 0.083 χ^2 /NDF:61547.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.622 $\pm$ 0.056 χ^2 /NDF: 173948.8/27

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.842 ± 0.628 χ^2/NDF : 1712.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.207 ± 0.544 χ^2/NDF : 1981.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

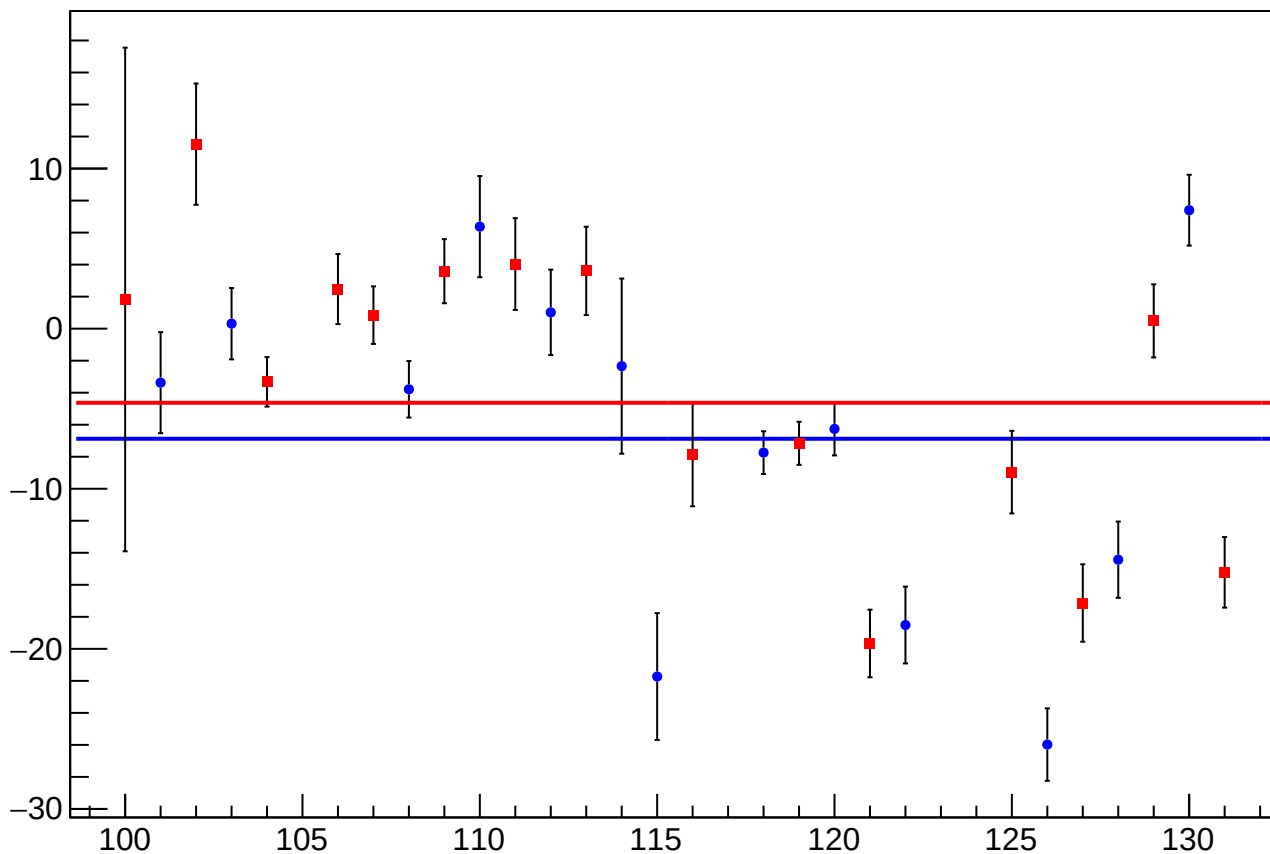
Right: -38.054 ± 0.411 χ^2/NDF : 3758.3/27

In: -41.842 ± 0.628 χ^2/NDF : 1712.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.054 ± 0.411 χ^2/NDF : 3758.3/27

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.878 ± 0.616 $\chi^2/\text{NDF}: 202.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.631 ± 0.568 $\chi^2/\text{NDF}: 186.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

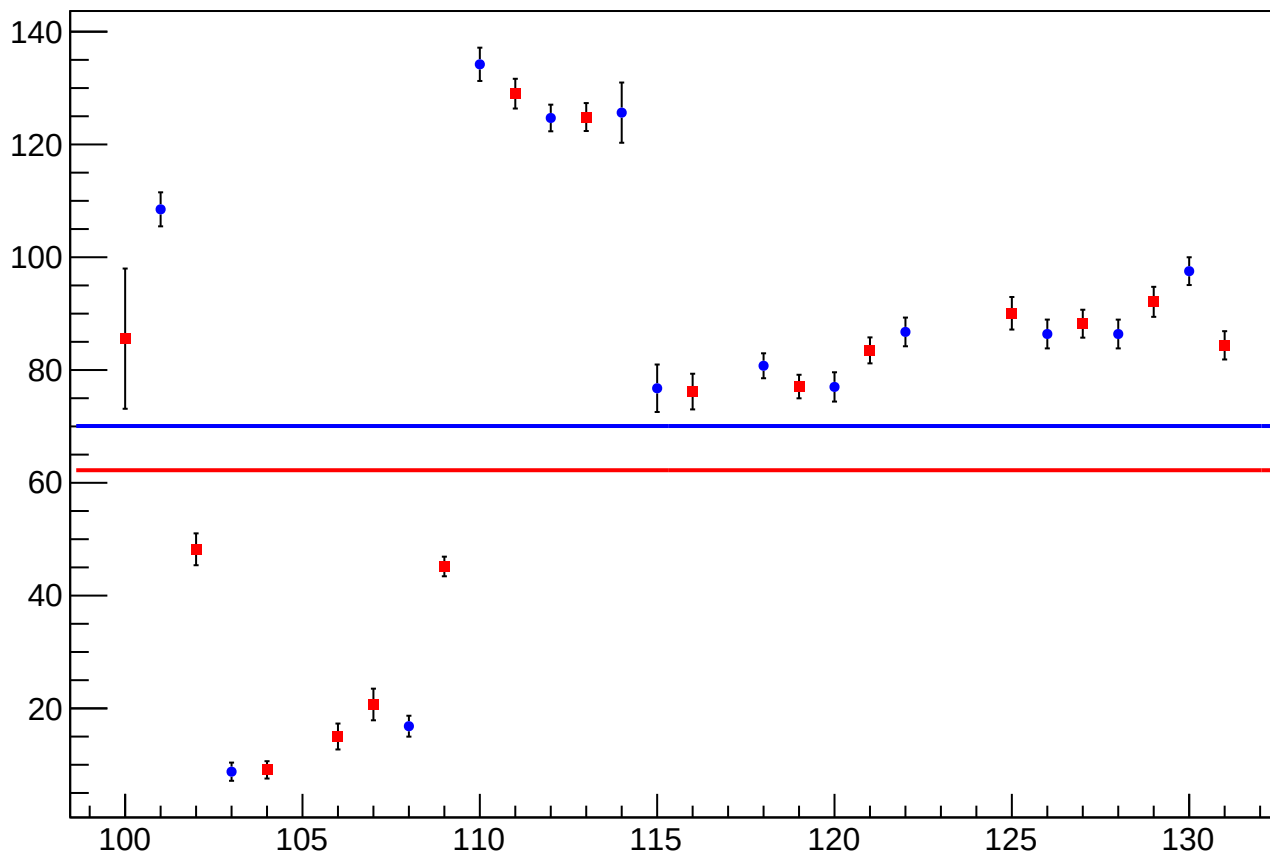
Right: -5.663 ± 0.417 $\chi^2/\text{NDF}: 396.7/27$

In: -6.878 ± 0.616 $\chi^2/\text{NDF}: 202.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.663 ± 0.417 $\chi^2/\text{NDF}: 396.7/27$

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.072+/-0.682 χ^2/NDF : 3827.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.232+/-0.619 χ^2/NDF : 3801.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

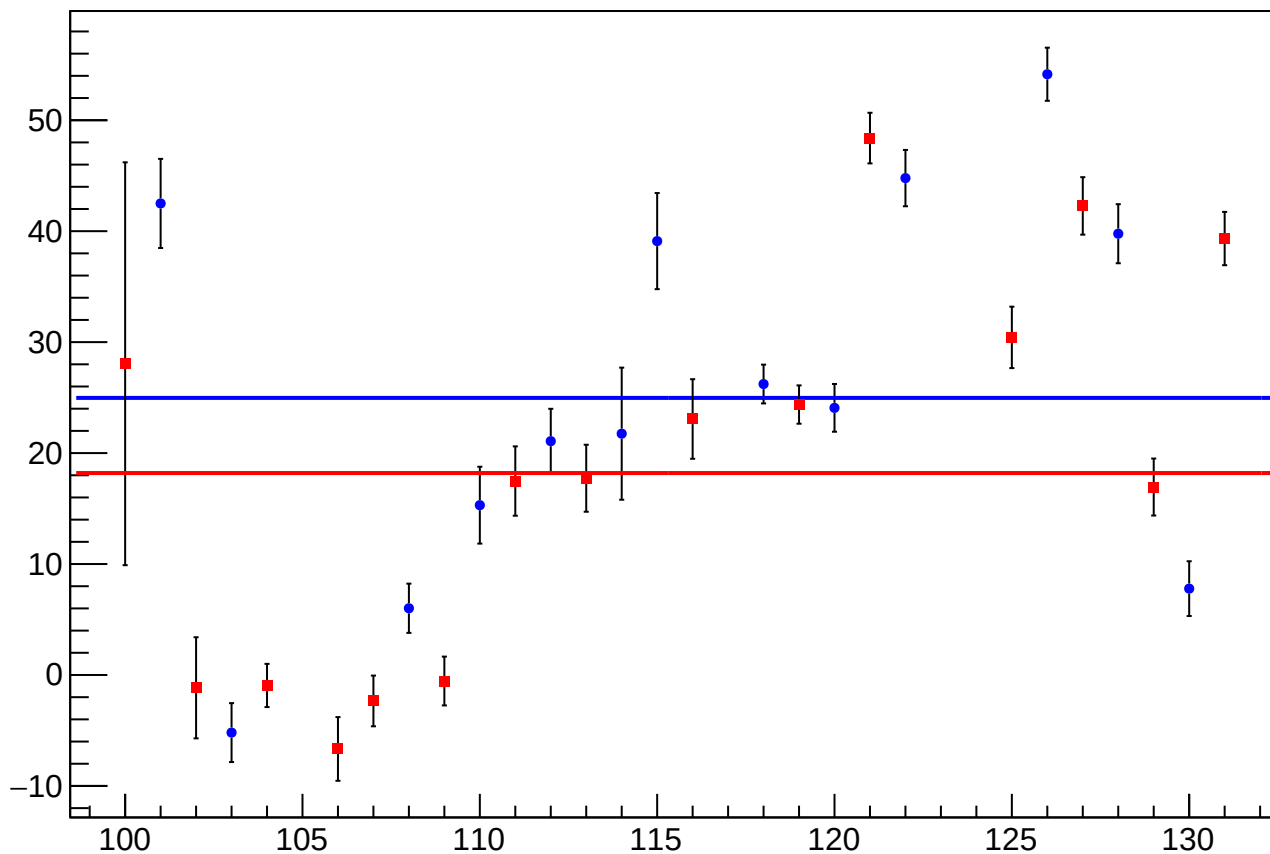
Right: 65.773+/-0.458 χ^2/NDF : 7700.6/27

In: 70.072+/-0.682 χ^2/NDF : 3827.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.773+/-0.458 χ^2/NDF : 7700.6/27

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.974+/-0.732 χ^2/NDF : 531.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.202+/-0.666 χ^2/NDF : 716.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

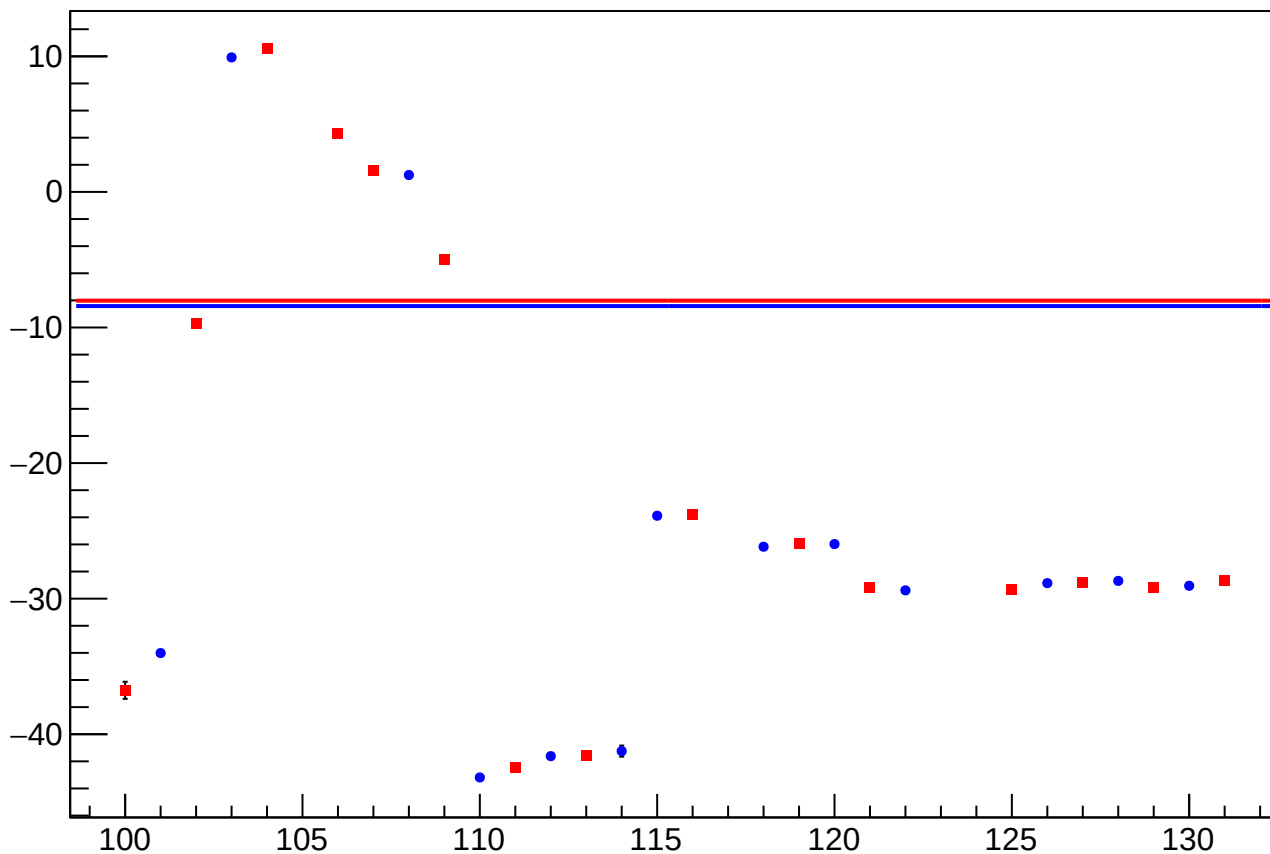
Right: 21.270+/-0.492 χ^2/NDF : 1294.8/27

In: 24.974+/-0.732 χ^2/NDF : 531.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.270+/-0.492 χ^2/NDF : 1294.8/27

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.420+/-0.039 χ^2/NDF : 231913.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.020+/-0.038 χ^2/NDF : 211922.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

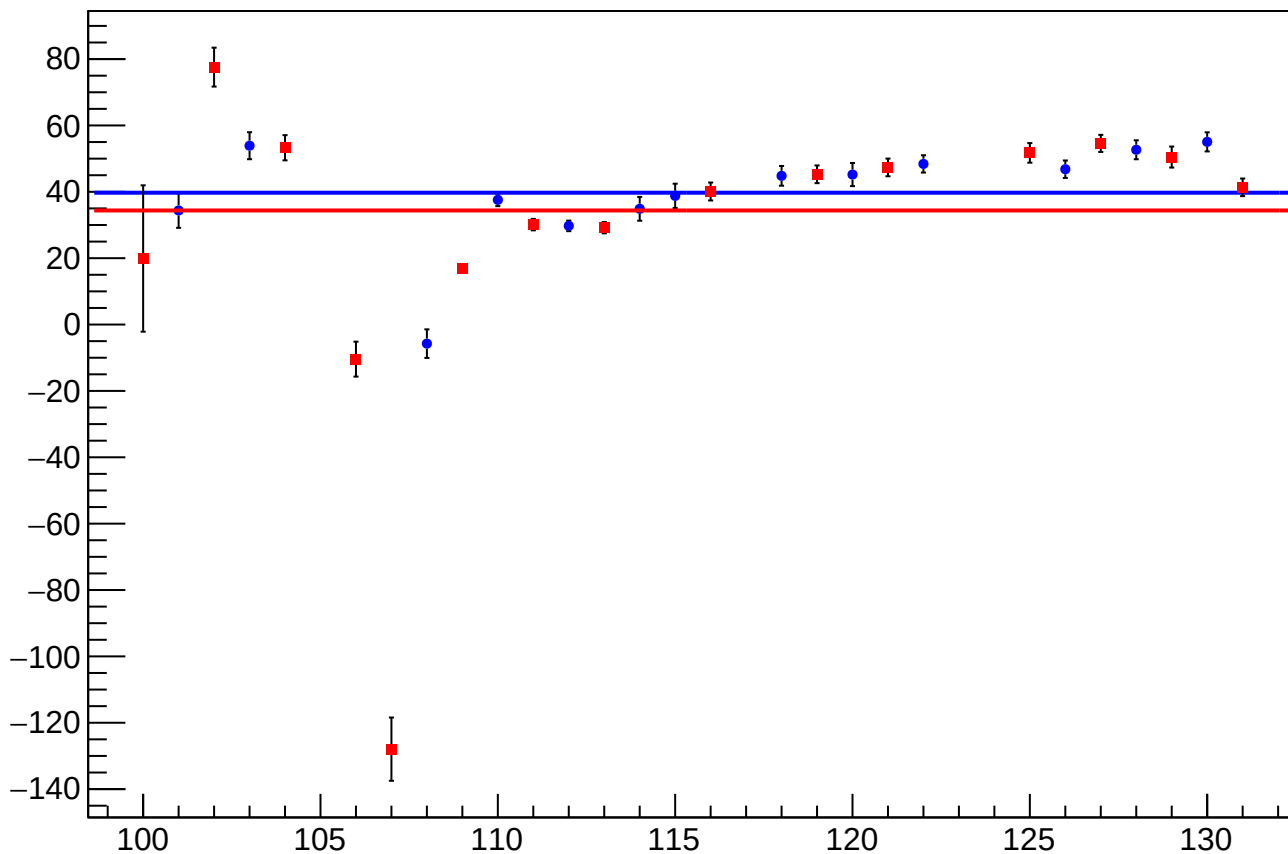
Right: -8.211+/-0.027 χ^2/NDF : 443889.9/27

In: -8.420+/-0.039 χ^2/NDF :231913.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.211+/-0.027 χ^2/NDF : 443889.9/27

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 39.729 $\pm$ 0.766 χ^2 /NDF: 239.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.379 $\pm$ 0.675 χ^2 /NDF: 764.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

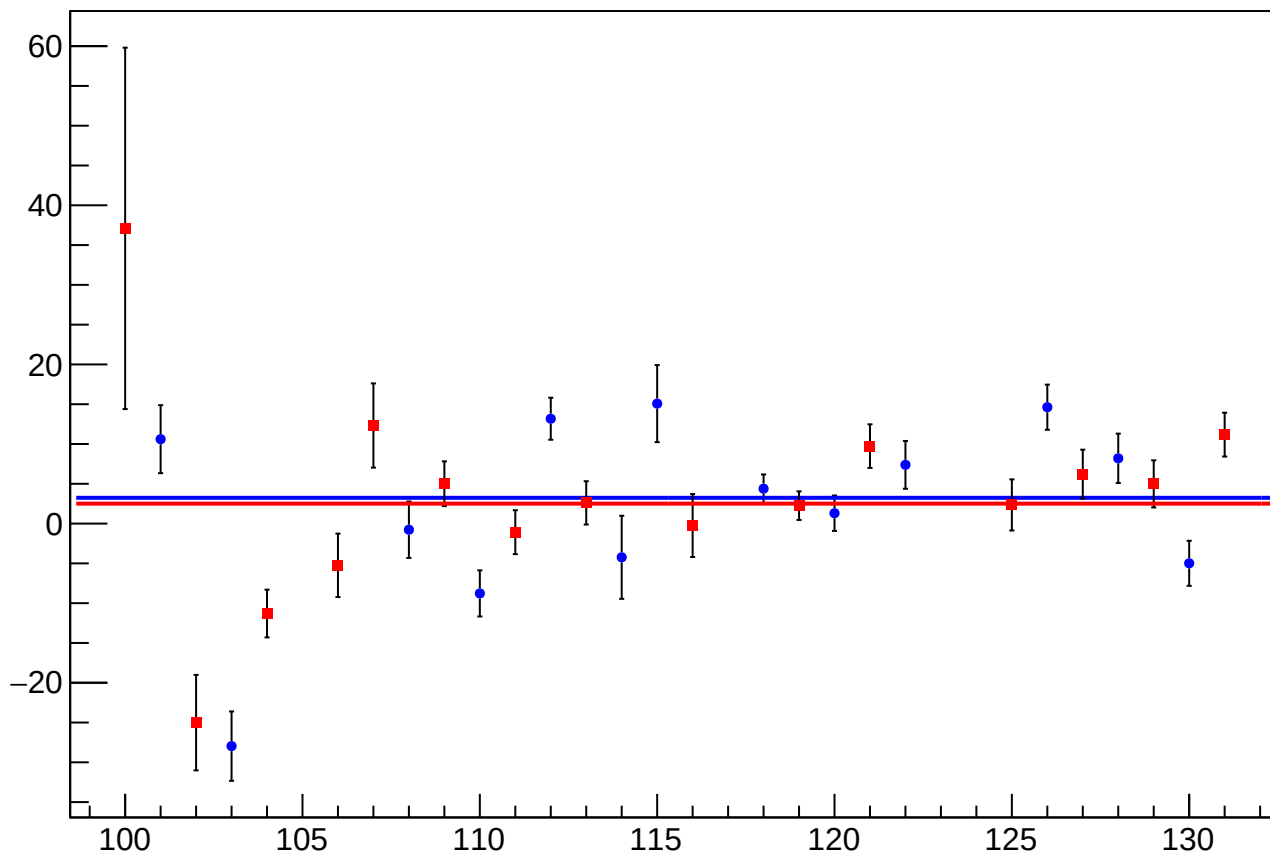
Right: 36.718 $\pm$ 0.506 χ^2 /NDF: 1031.9/27

In: 39.729 $\pm$ 0.766 χ^2 /NDF:239.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.718 $\pm$ 0.506 χ^2 /NDF: 1031.9/27

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.241+/-0.814 χ^2/NDF : 125.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.507+/-0.794 χ^2/NDF : 73.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

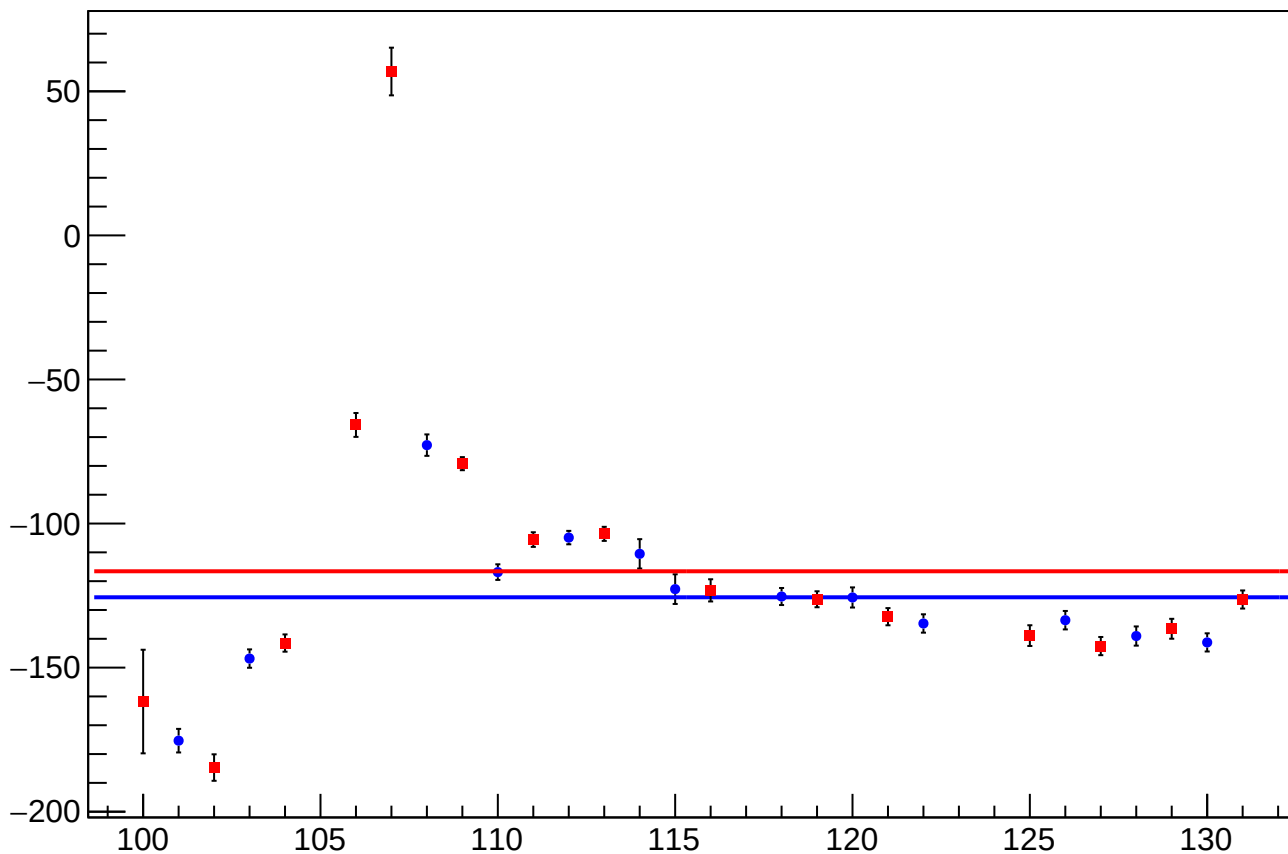
Right: 2.864+/-0.568 χ^2/NDF : 199.3/27

In: 3.241+/-0.814 χ^2/NDF : 125.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.864+/-0.568 χ^2/NDF : 199.3/27

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -125.592+/-0.910 χ^2/NDF : 547.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -116.567+/-0.838 χ^2/NDF : 1394.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

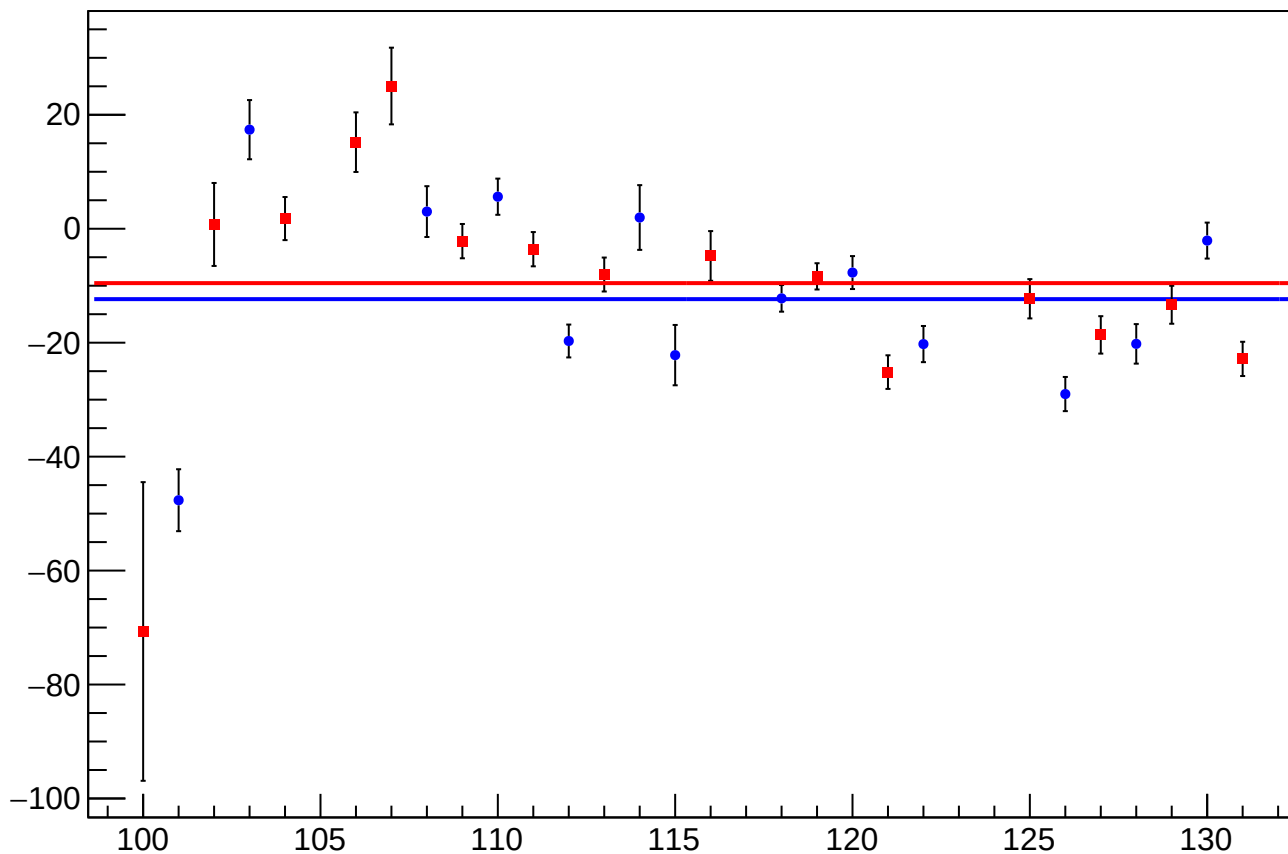
Right: -120.710+/-0.616 χ^2/NDF : 1995.2/27

In: -125.592+/-0.910 χ^2/NDF : 547.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.710+/-0.616 χ^2/NDF : 1995.2/27

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.356 $\pm$ 0.952 χ^2 /NDF: 190.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.544 $\pm$ 0.907 χ^2 /NDF: 134.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

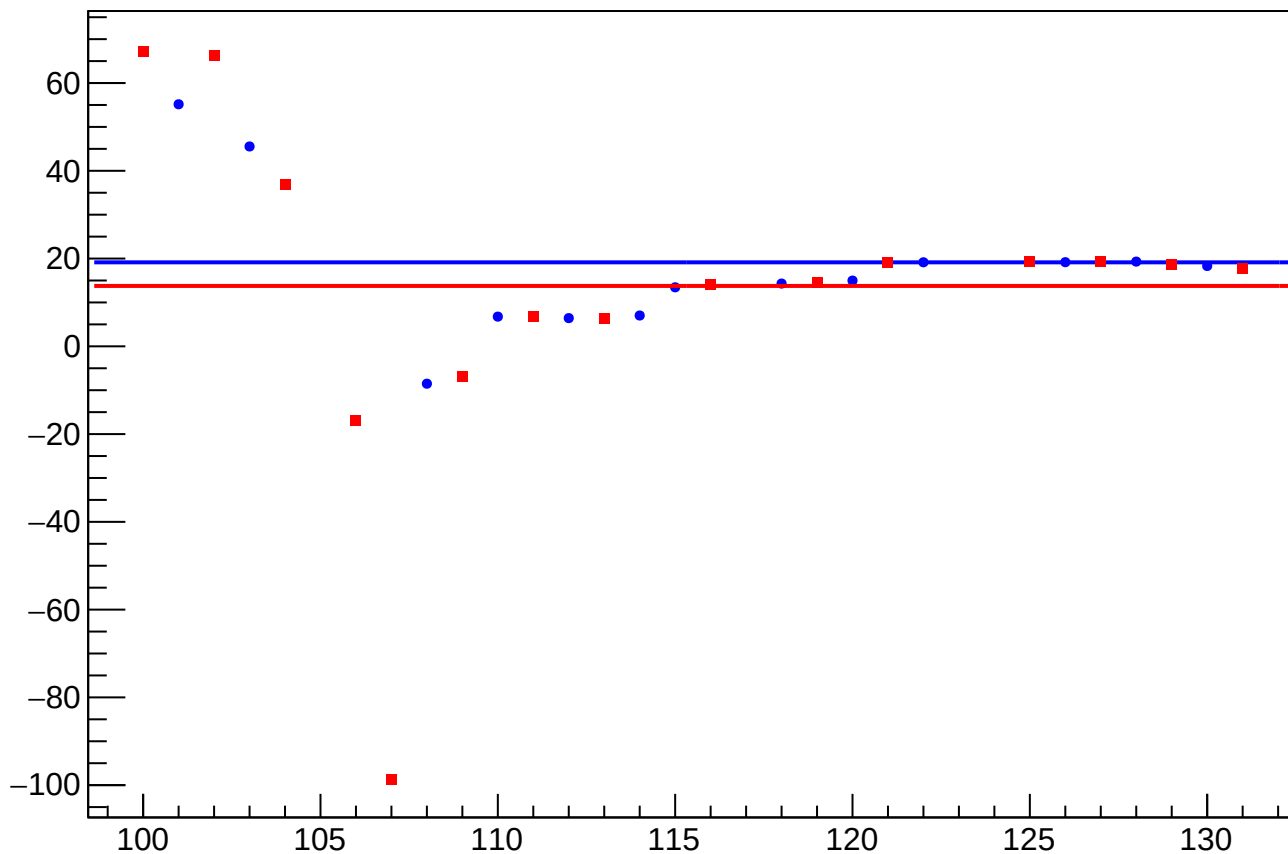
Right: -10.882 $\pm$ 0.657 χ^2 /NDF: 329.1/27

In: -12.356 $\pm$ 0.952 χ^2 /NDF:190.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.882 $\pm$ 0.657 χ^2 /NDF: 329.1/27

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.139 $\pm$ 0.061 χ^2 /NDF: 104035.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.764 $\pm$ 0.057 χ^2 /NDF: 253223.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

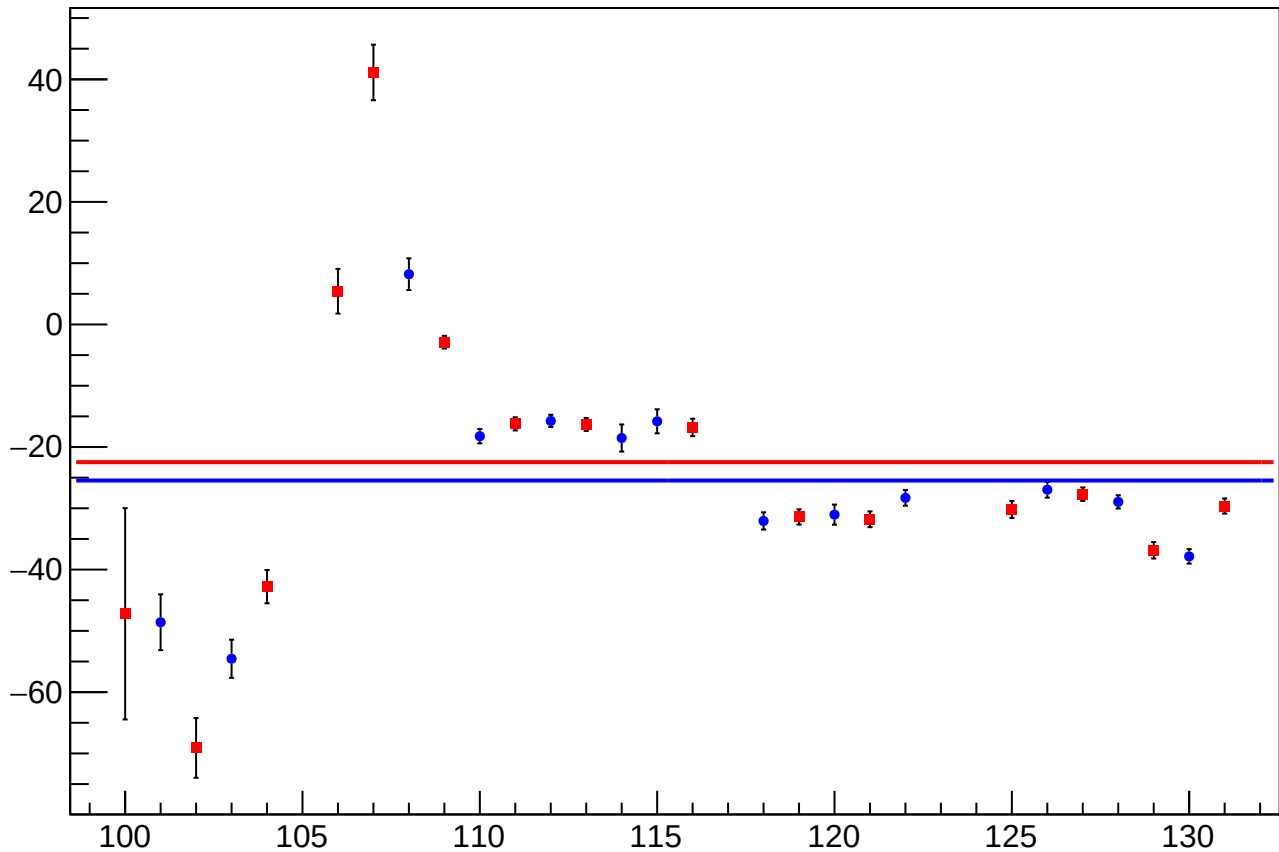
Right: 16.311 $\pm$ 0.042 χ^2 /NDF: 361400.9/27

In: 19.139 $\pm$ 0.061 χ^2 /NDF:104035.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.311 $\pm$ 0.042 χ^2 /NDF: 361400.9/27

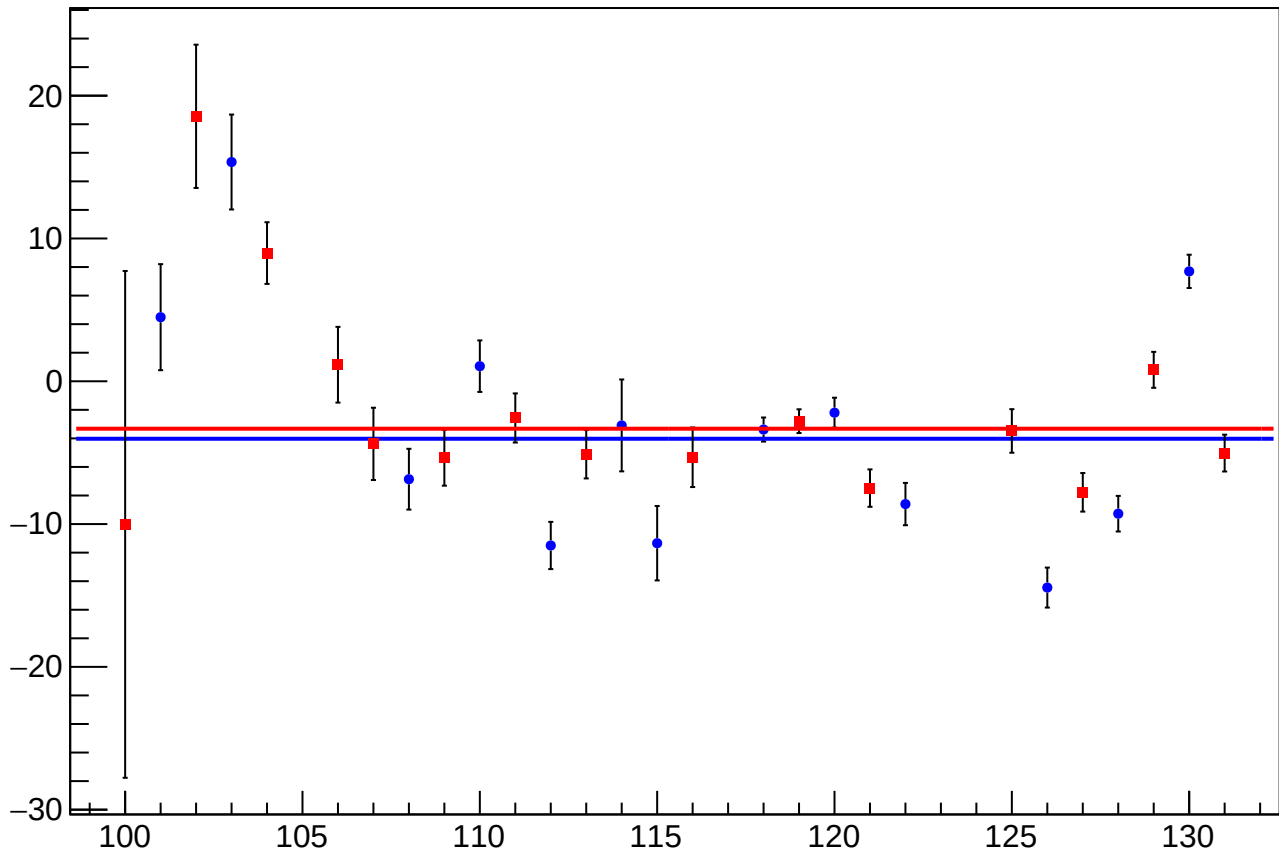
reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.469+/-0.404 χ^2/NDF : 608.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -22.465+/-0.371 χ^2/NDF : 1151.5/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -23.841+/-0.273 χ^2/NDF : 1790.0/27
 In: -25.469+/-0.404 χ^2/NDF : 608.5/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -23.841+/-0.273 χ^2/NDF : 1790.0/27

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.025 ± 0.410 χ^2/NDF : 264.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.321 ± 0.409 χ^2/NDF : 91.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

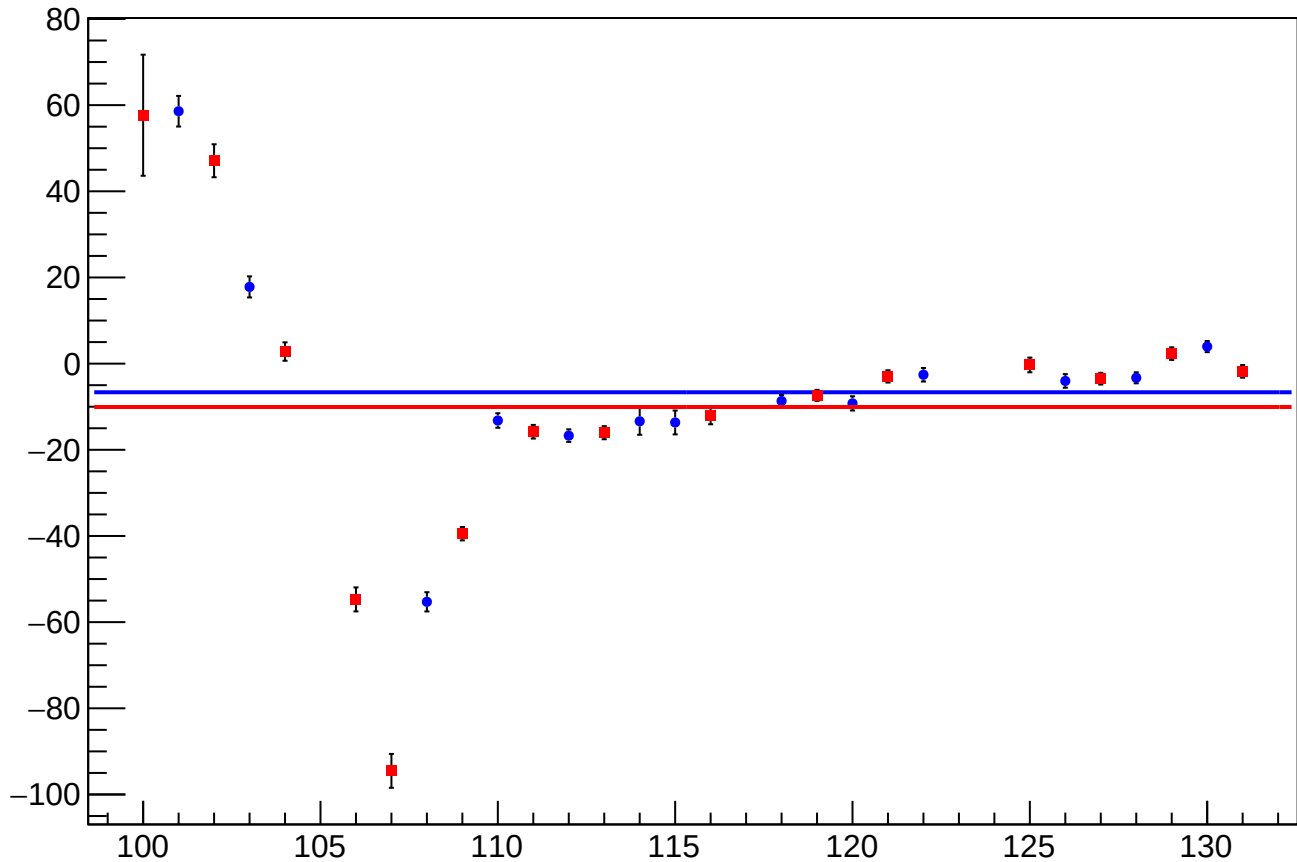
Right: -3.673 ± 0.289 χ^2/NDF : 358.2/27

In: -4.025 ± 0.410 χ^2/NDF : 264.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.673 ± 0.289 χ^2/NDF : 358.2/27

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.645+/-0.477 χ^2/NDF : 1071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -10.063+/-0.452 χ^2/NDF : 1577.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

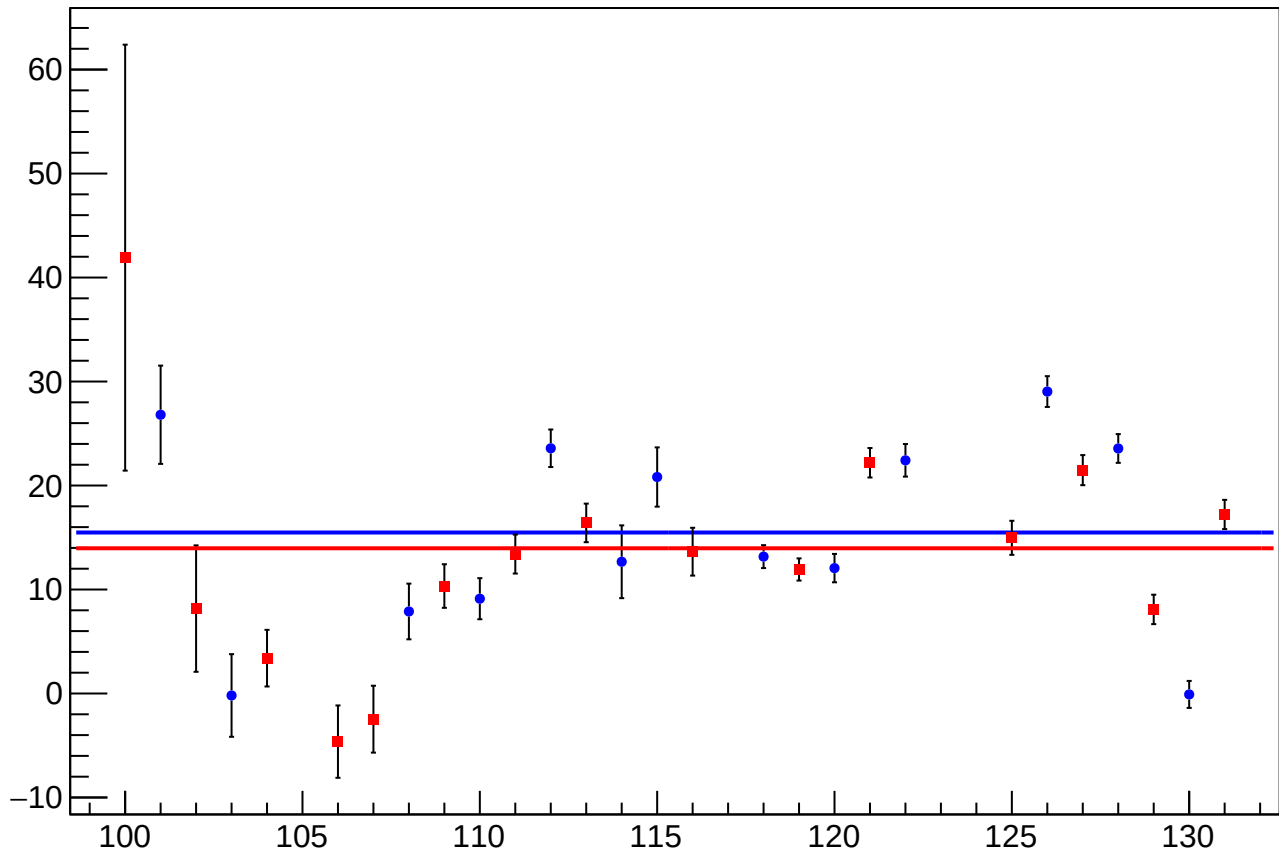
Right: -8.445+/-0.328 χ^2/NDF : 2675.6/27

In: -6.645+/-0.477 χ^2/NDF :1071.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.445+/-0.328 χ^2/NDF : 2675.6/27

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.481+/-0.479 χ^2 /NDF: 356.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 13.966+/-0.468 χ^2 /NDF: 164.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

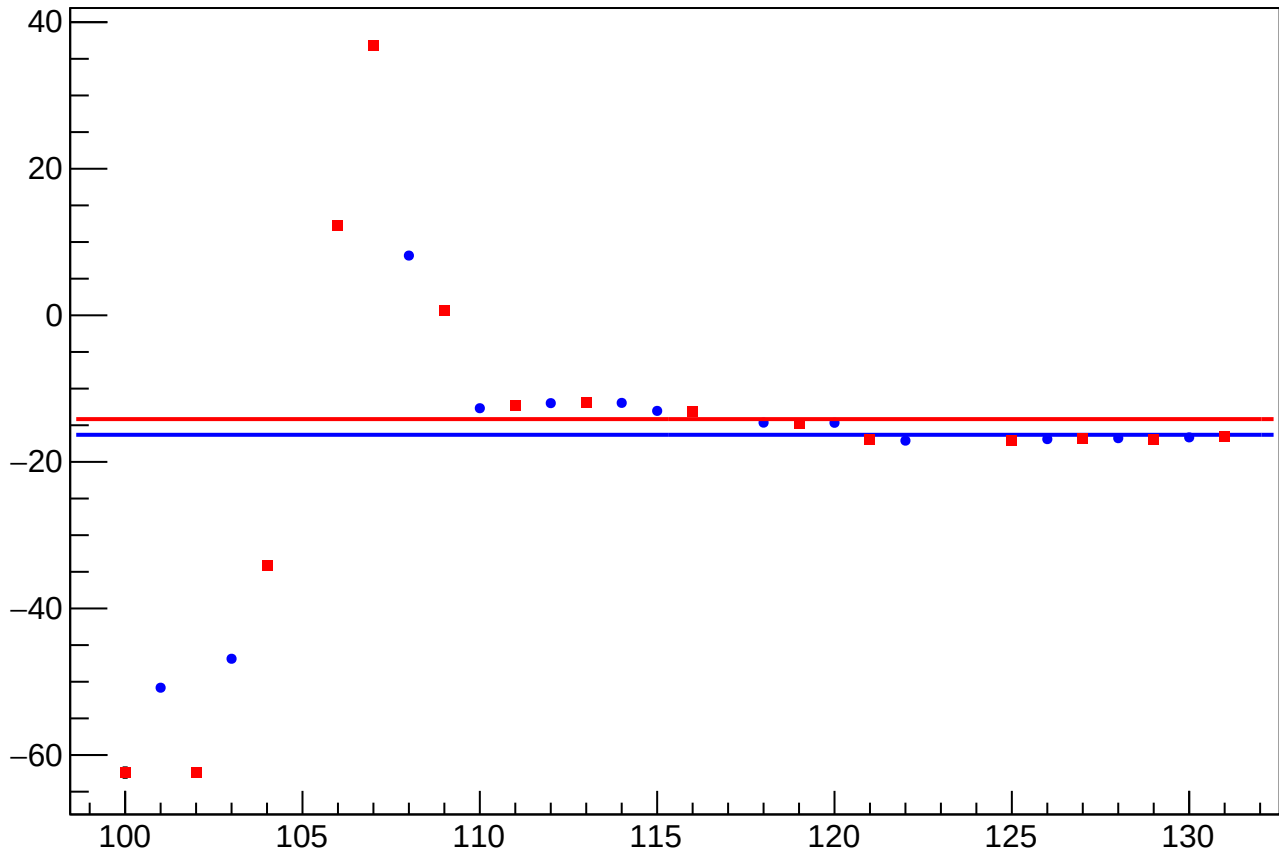
Right: 14.705+/-0.335 χ^2 /NDF: 526.1/27

In: 15.481+/-0.479 χ^2 /NDF:356.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.705+/-0.335 χ^2 /NDF: 526.1/27

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.304 $\pm$ 0.034 χ^2 /NDF: 190591.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.162 $\pm$ 0.033 χ^2 /NDF: 281122.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

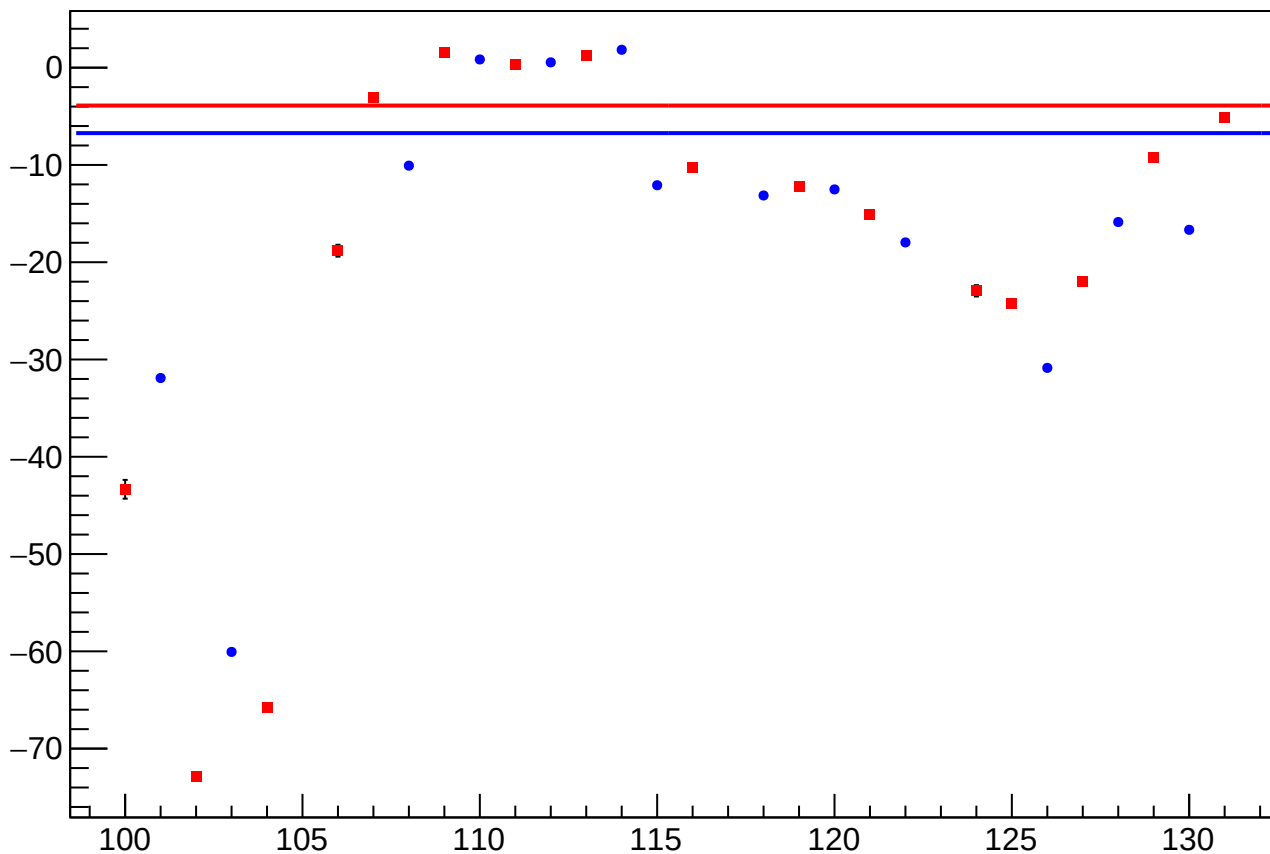
Right: -15.196 $\pm$ 0.024 χ^2 /NDF: 473757.5/27

In: -16.304 $\pm$ 0.034 χ^2 /NDF:190591.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.196 $\pm$ 0.024 χ^2 /NDF: 473757.5/27

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.728+/-0.061 χ^2/NDF : 40738.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.894+/-0.049 χ^2/NDF : 60893.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

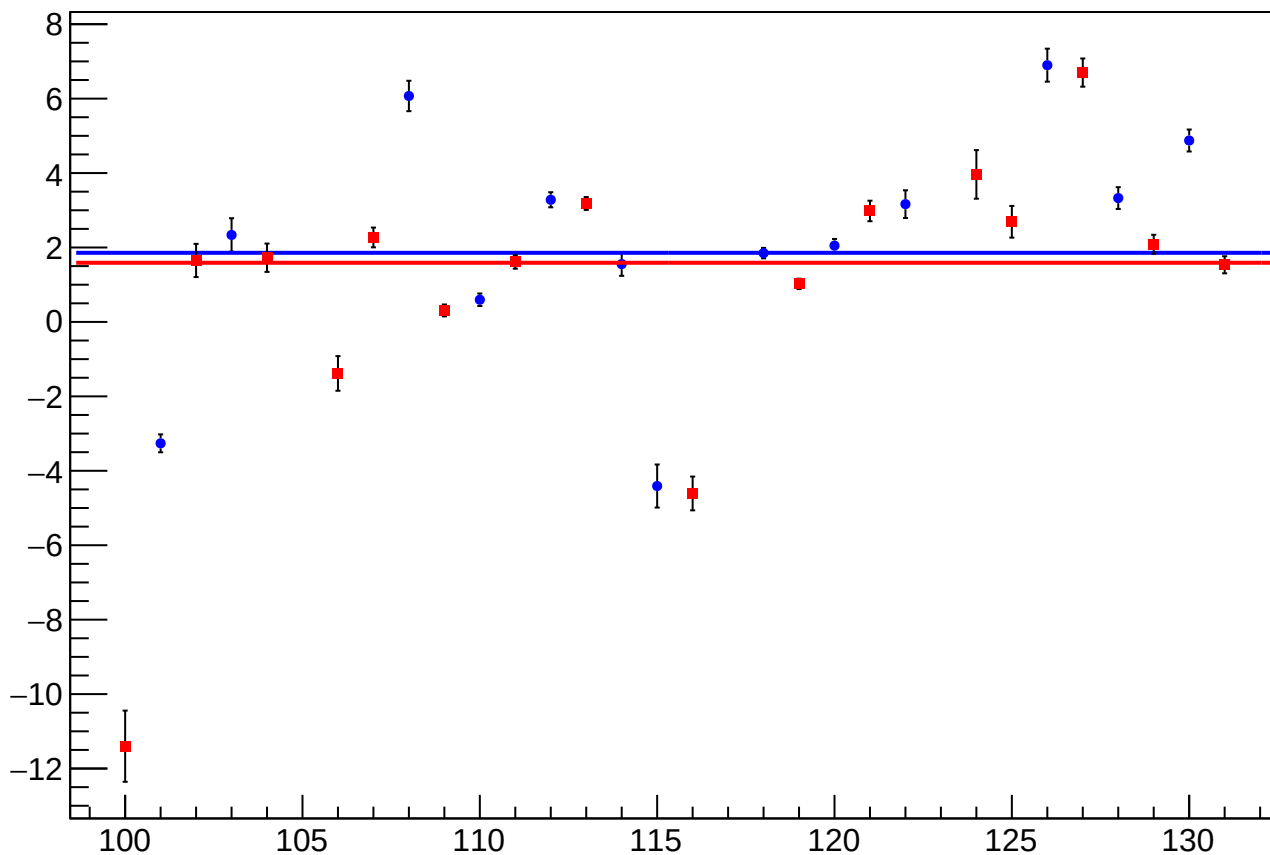
Right: -4.995+/-0.038 χ^2/NDF : 102955.8/28

In: -6.728+/-0.061 χ^2/NDF :40738.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.995+/-0.038 χ^2/NDF : 102955.8/28

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.857 $\pm$ 0.068 χ^2 /NDF: 1057.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.590 $\pm$ 0.063 χ^2 /NDF: 815.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

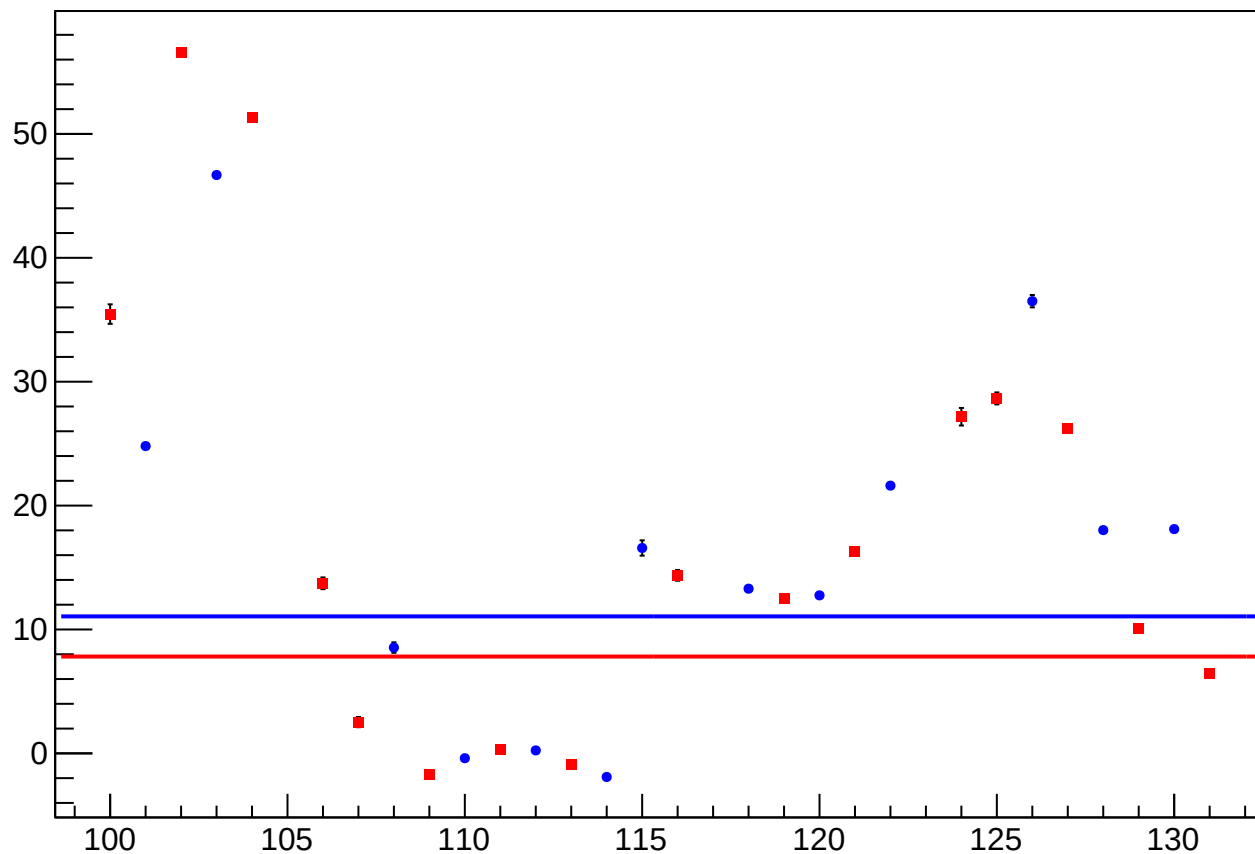
Right: 1.714 $\pm$ 0.046 χ^2 /NDF: 1881.2/28

In: 1.857 $\pm$ 0.068 χ^2 /NDF:1057.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.714 $\pm$ 0.046 χ^2 /NDF: 1881.2/28

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.058+/-0.075 χ^2/NDF : 29866.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.816+/-0.064 χ^2/NDF : 50712.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

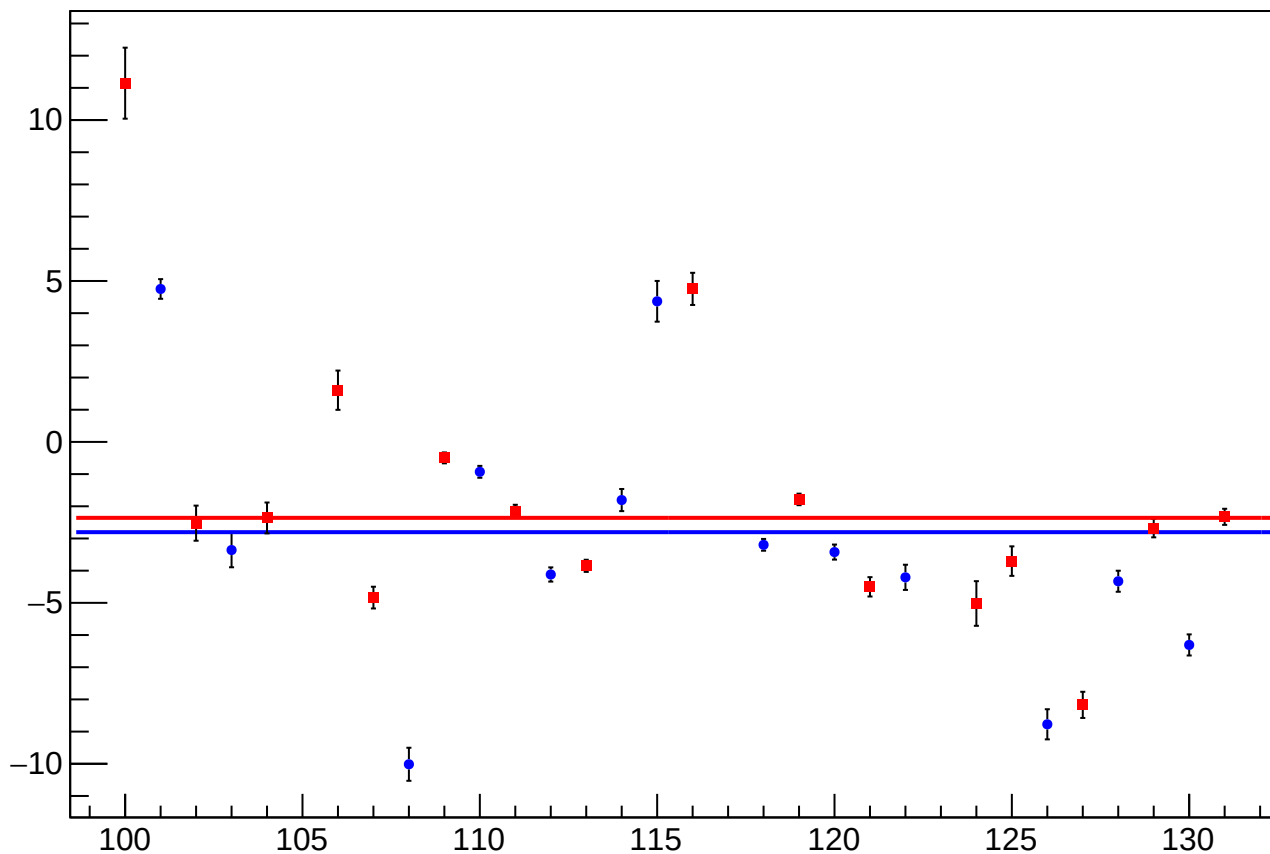
Right: 9.193+/-0.049 χ^2/NDF : 81663.5/28

In: 11.058+/-0.075 χ^2/NDF : 29866.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.193+/-0.049 χ^2/NDF : 81663.5/28

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.804+/-0.080 χ^2/NDF : 1408.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.359+/-0.071 χ^2/NDF : 923.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

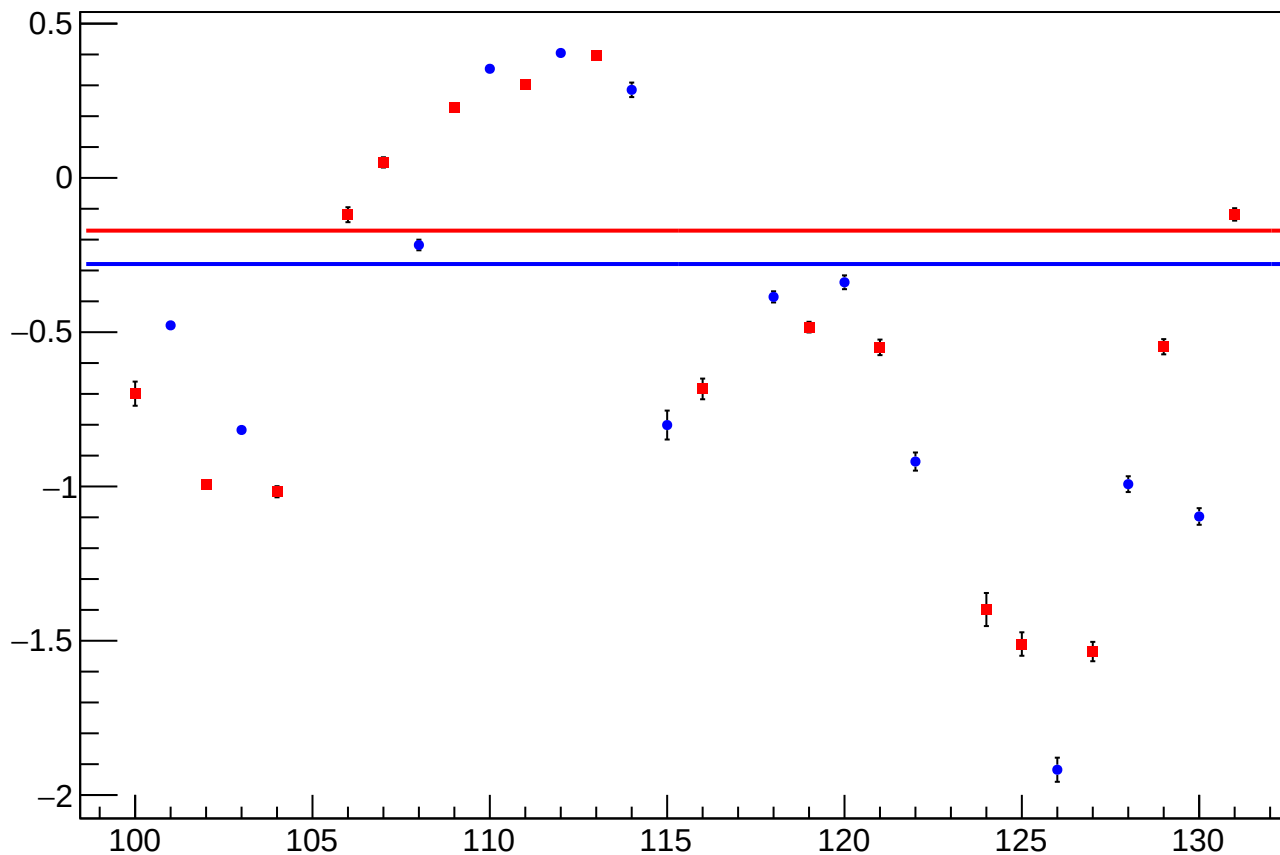
Right: -2.557+/-0.053 χ^2/NDF : 2348.9/28

In: -2.804+/-0.080 χ^2/NDF :1408.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.557+/-0.053 χ^2/NDF : 2348.9/28

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.279 ± 0.005 χ^2/NDF : 11100.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.171 ± 0.005 χ^2/NDF : 15231.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

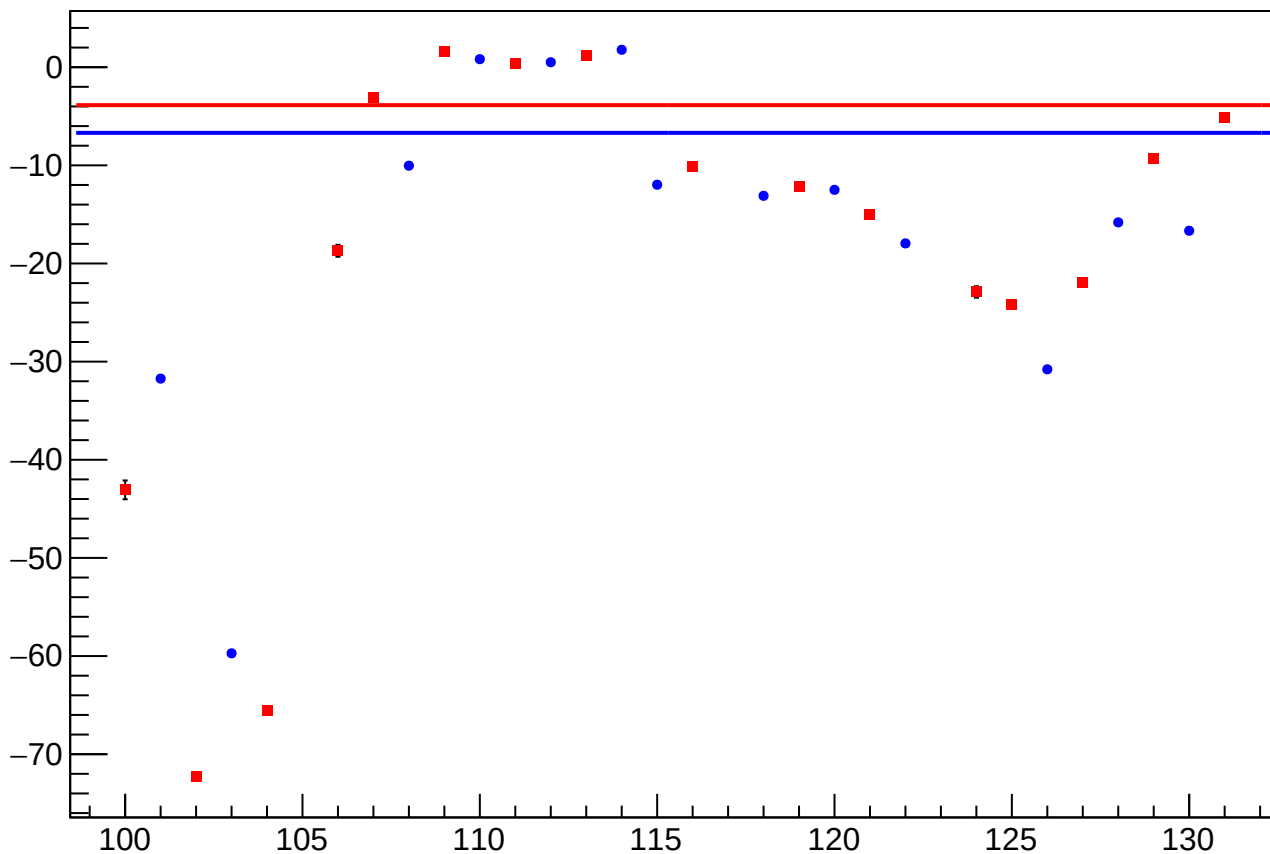
Right: -0.218 ± 0.003 χ^2/NDF : 26576.3/28

In: -0.279 ± 0.005 χ^2/NDF : 11100.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.218 ± 0.003 χ^2/NDF : 26576.3/28

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.690+/-0.060 χ^2/NDF : 40744.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.867+/-0.048 χ^2/NDF : 60899.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

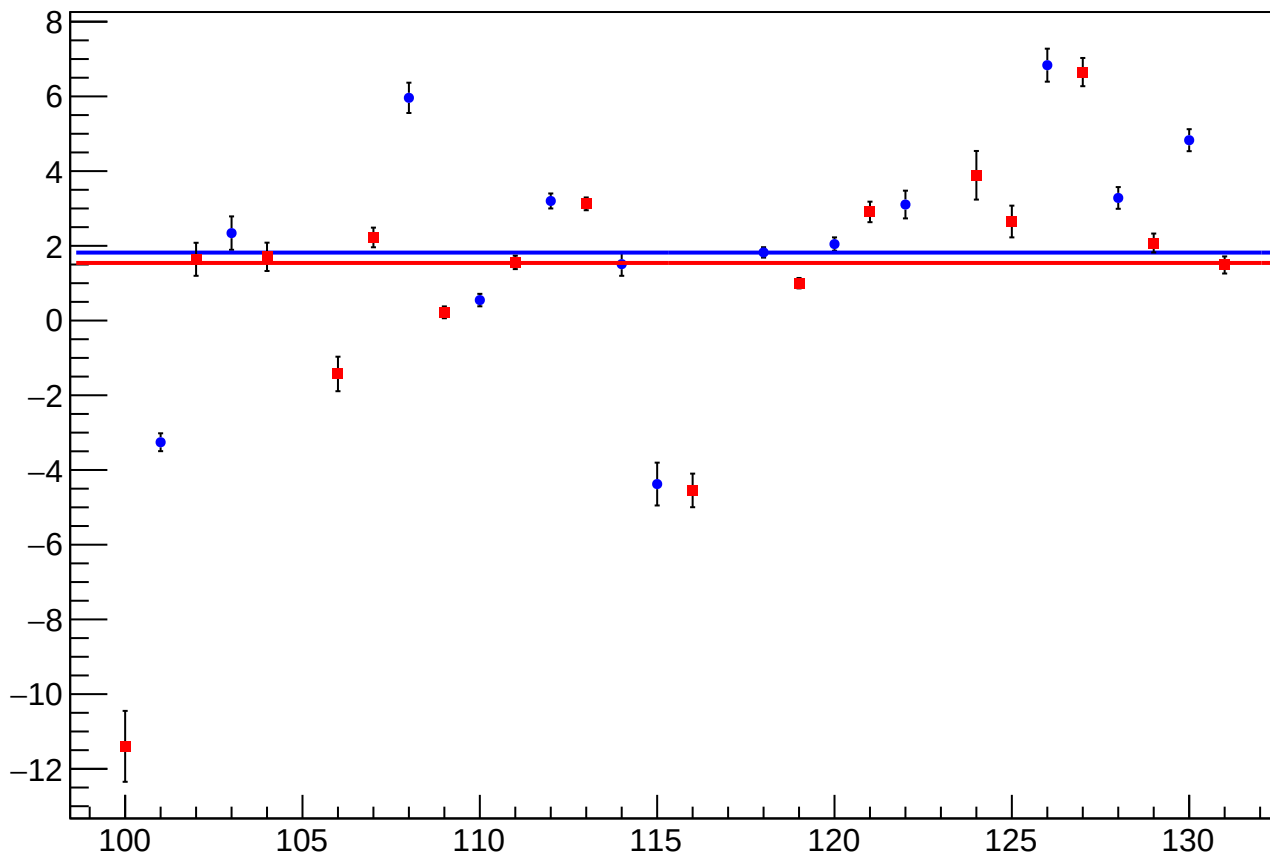
Right: -4.964+/-0.038 χ^2/NDF : 102975.8/28

In: -6.690+/-0.060 χ^2/NDF :40744.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.964+/-0.038 χ^2/NDF : 102975.8/28

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.819+/-0.067 χ^2/NDF : 1051.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.542+/-0.062 χ^2/NDF : 819.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

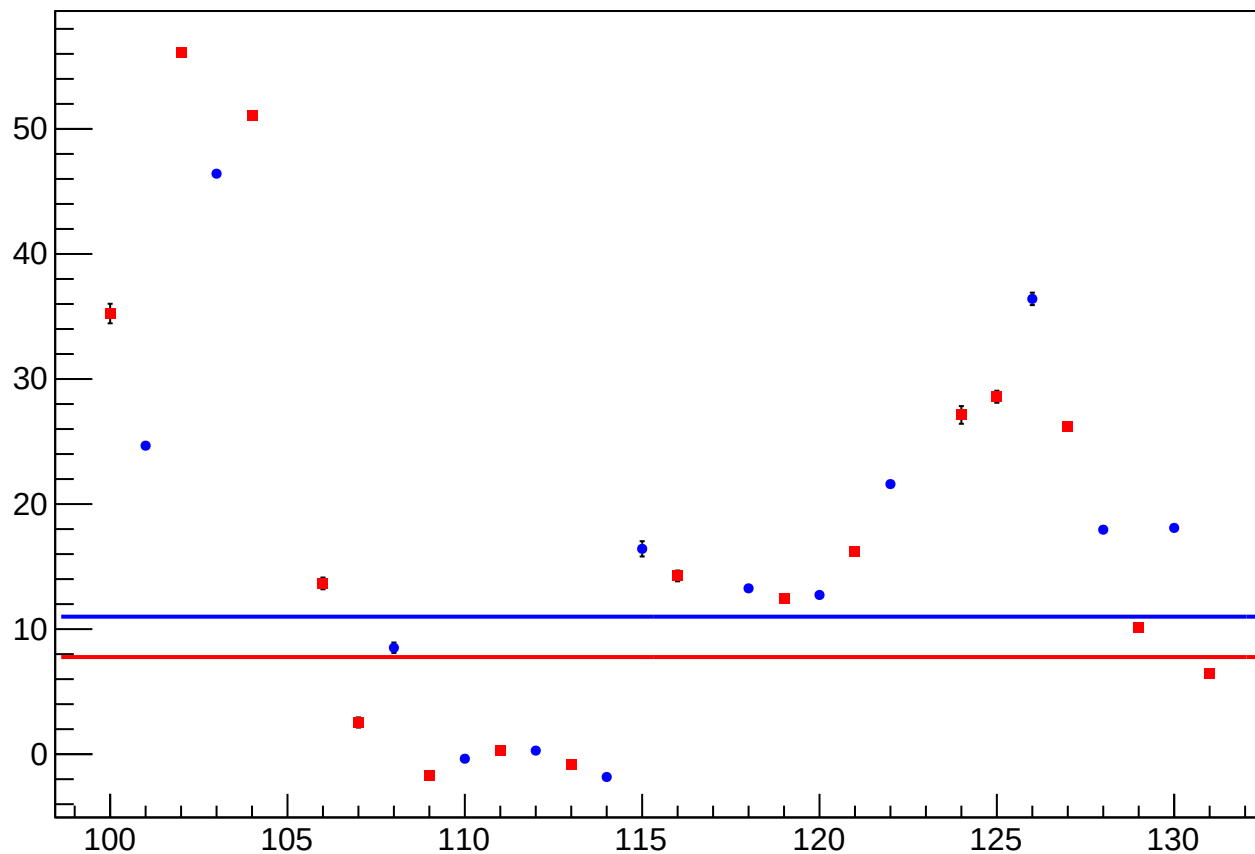
Right: 1.670+/-0.046 χ^2/NDF : 1880.2/28

In: 1.819+/-0.067 χ^2/NDF : 1051.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.670+/-0.046 χ^2/NDF : 1880.2/28

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.997+/-0.074 χ^2/NDF : 29872.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.766+/-0.064 χ^2/NDF : 50725.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

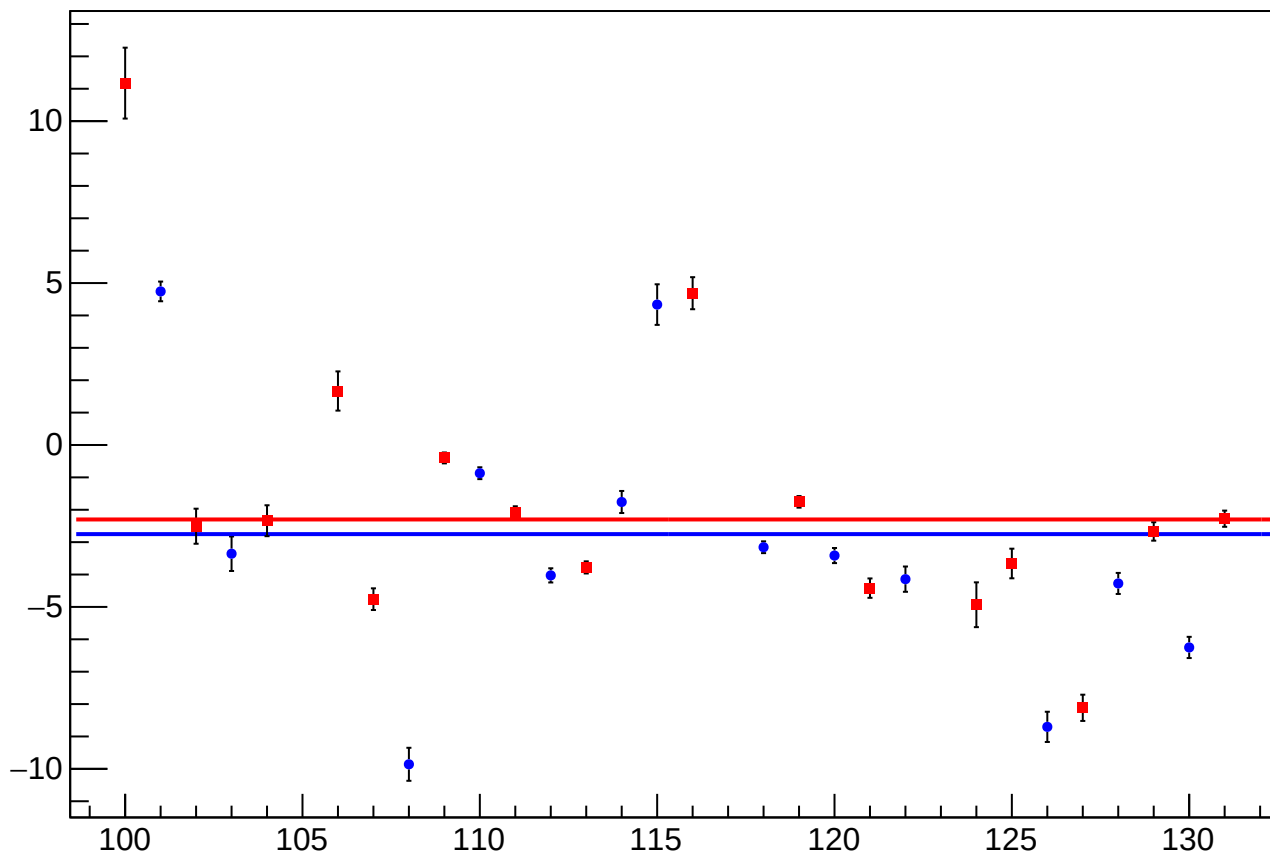
Right: 9.139+/-0.048 χ^2/NDF : 81687.9/28

In: 10.997+/-0.074 χ^2/NDF : 29872.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.139+/-0.048 χ^2/NDF : 81687.9/28

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.752 ± 0.079 χ^2/NDF : 1403.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.300 ± 0.071 χ^2/NDF : 930.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

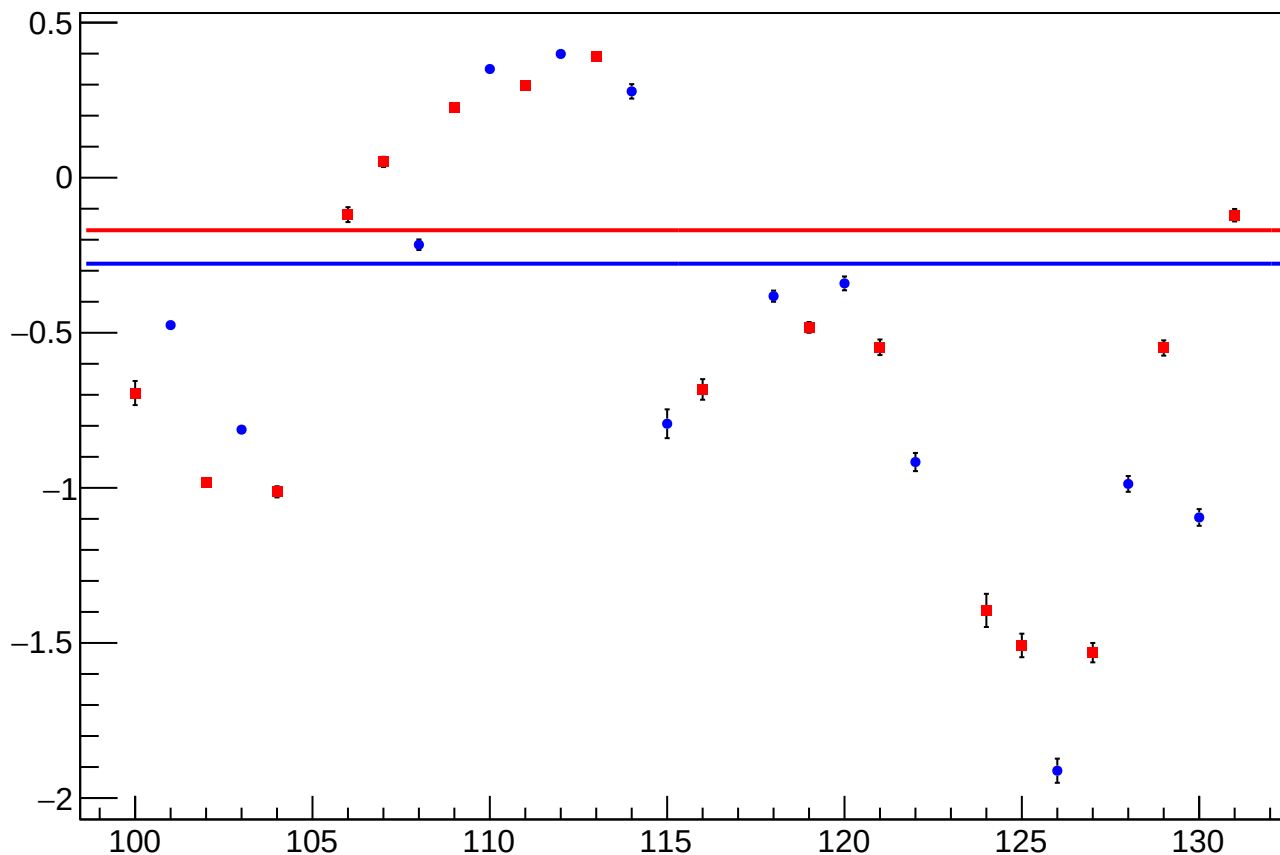
Right: -2.501 ± 0.053 χ^2/NDF : 2352.0/28

In: -2.752 ± 0.079 χ^2/NDF : 1403.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.501 ± 0.053 χ^2/NDF : 2352.0/28

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277 ± 0.005 χ^2/NDF : 11084.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.169 ± 0.005 χ^2/NDF : 15250.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

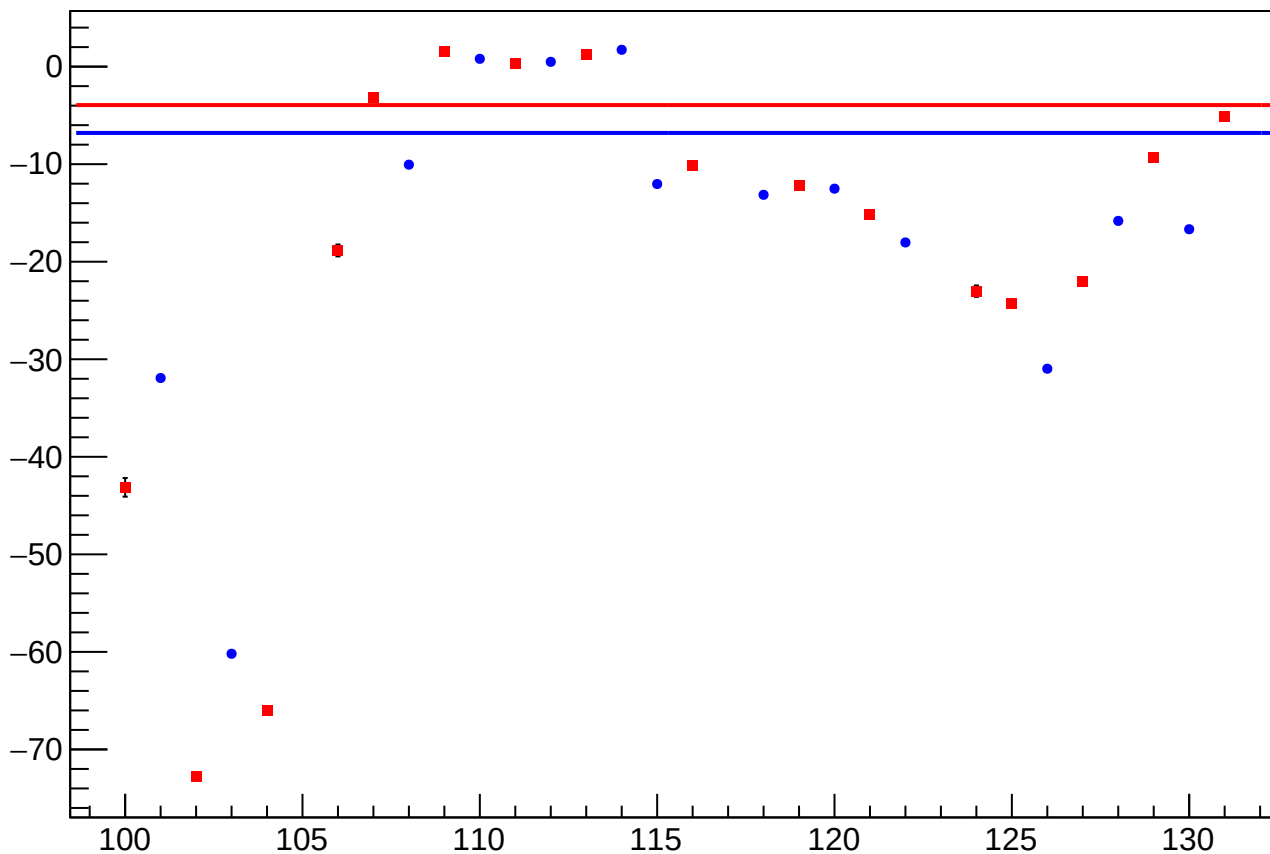
Right: -0.216 ± 0.003 χ^2/NDF : 26579.6/28

In: -0.277 ± 0.005 χ^2/NDF : 11084.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.216 ± 0.003 χ^2/NDF : 26579.6/28

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.798+/-0.061 χ^2/NDF : 40645.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.942+/-0.049 χ^2/NDF : 60808.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

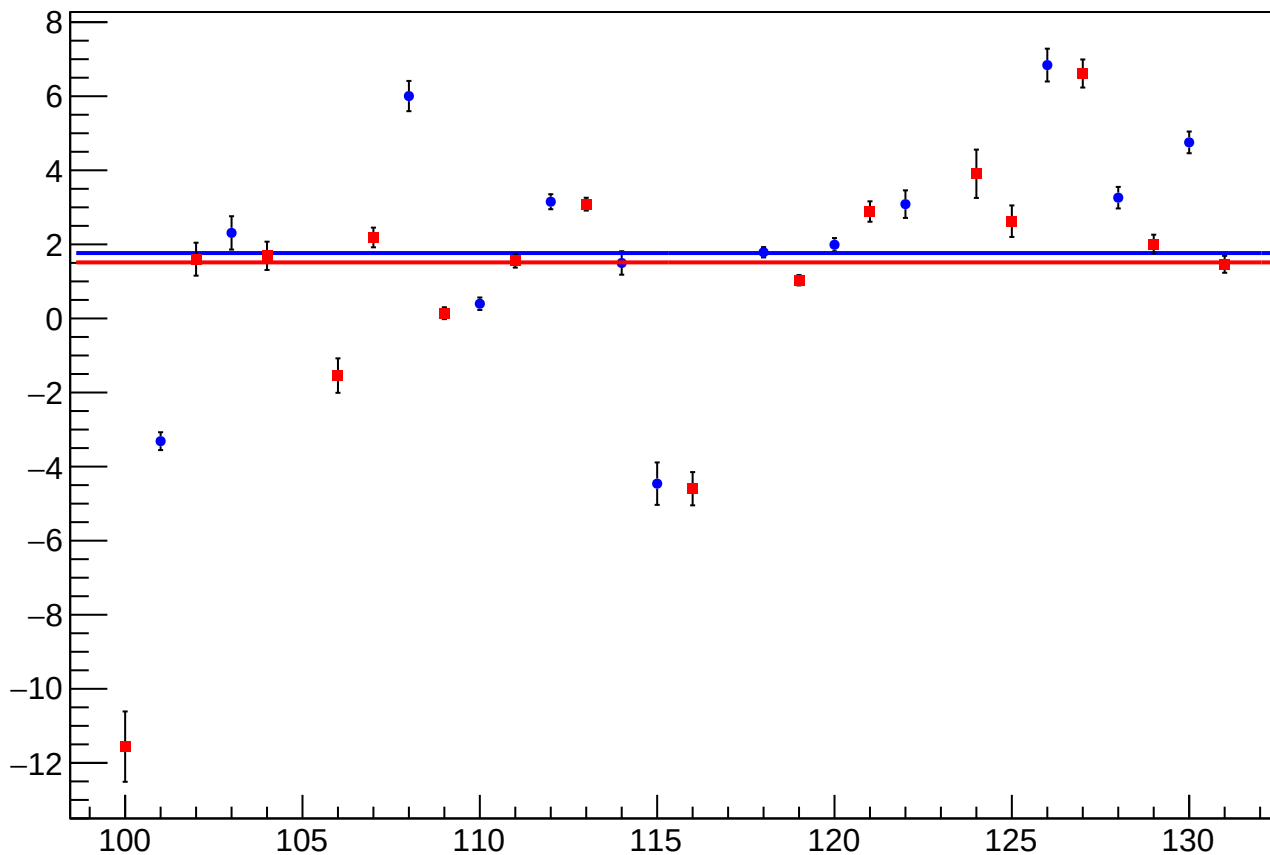
Right: -5.052+/-0.038 χ^2/NDF : 102797.1/28

In: -6.798+/-0.061 χ^2/NDF :40645.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.052+/-0.038 χ^2/NDF : 102797.1/28

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.766+/-0.068 χ^2/NDF : 1061.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.514+/-0.063 χ^2/NDF : 822.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

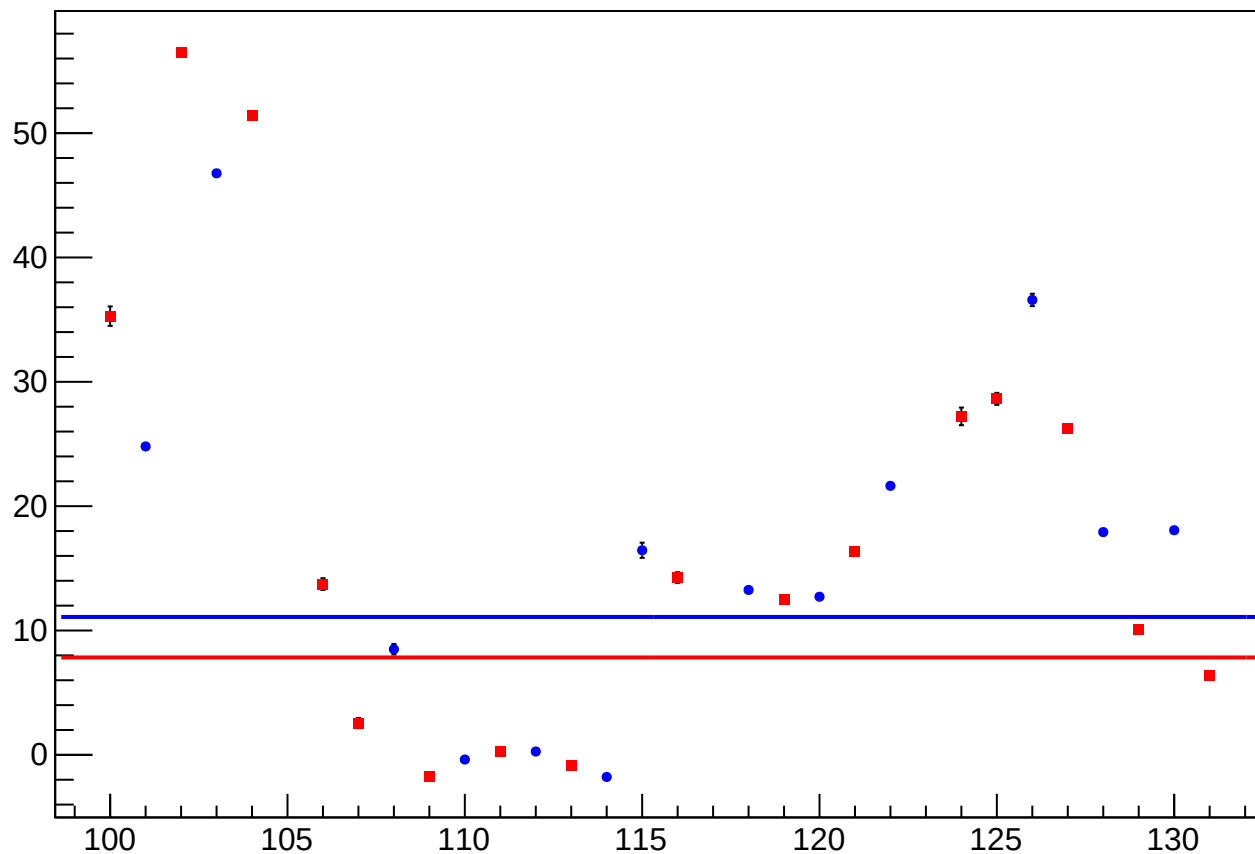
Right: 1.631+/-0.046 χ^2/NDF : 1891.9/28

In: 1.766+/-0.068 χ^2/NDF : 1061.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.631+/-0.046 χ^2/NDF : 1891.9/28

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.091+/-0.075 χ^2/NDF : 29778.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.833+/-0.064 χ^2/NDF : 50647.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

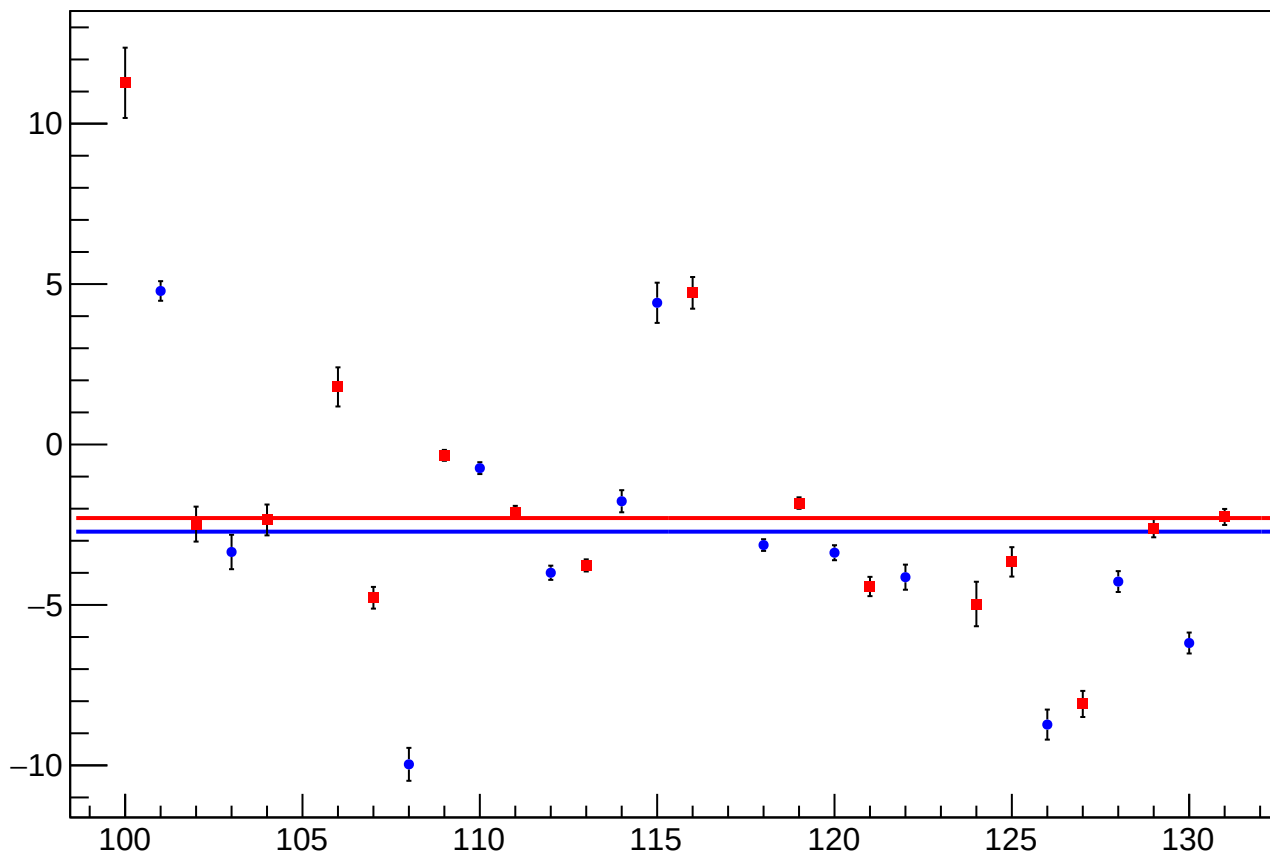
Right: 9.218+/-0.049 χ^2/NDF : 81520.0/28

In: 11.091+/-0.075 χ^2/NDF : 29778.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.218+/-0.049 χ^2/NDF : 81520.0/28

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.716+/-0.080 χ^2/NDF : 1416.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.292+/-0.071 χ^2/NDF : 933.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

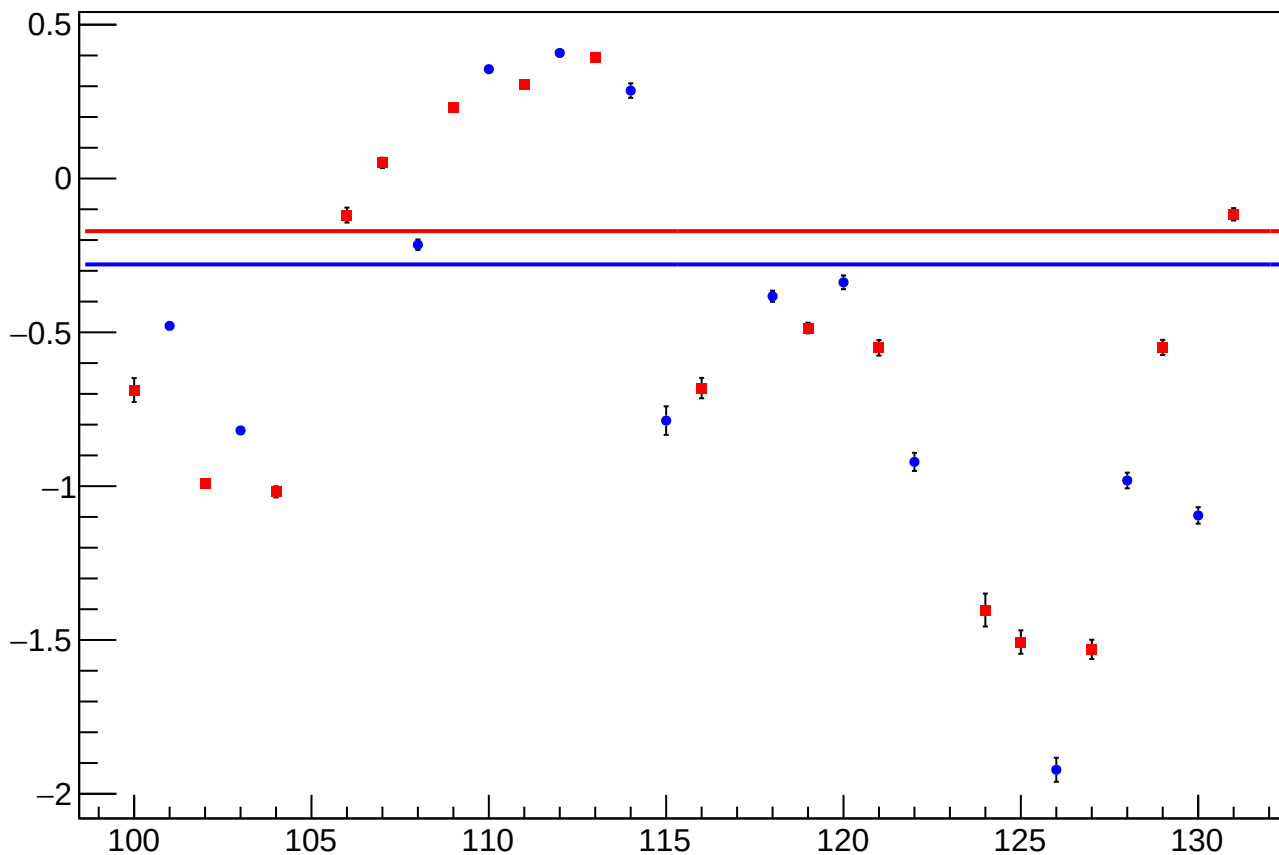
Right: -2.481+/-0.053 χ^2/NDF : 2365.6/28

In: -2.716+/-0.080 χ^2/NDF :1416.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.481+/-0.053 χ^2/NDF : 2365.6/28

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.279+/-0.005 χ^2/NDF : 11119.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.171+/-0.005 χ^2/NDF : 15224.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

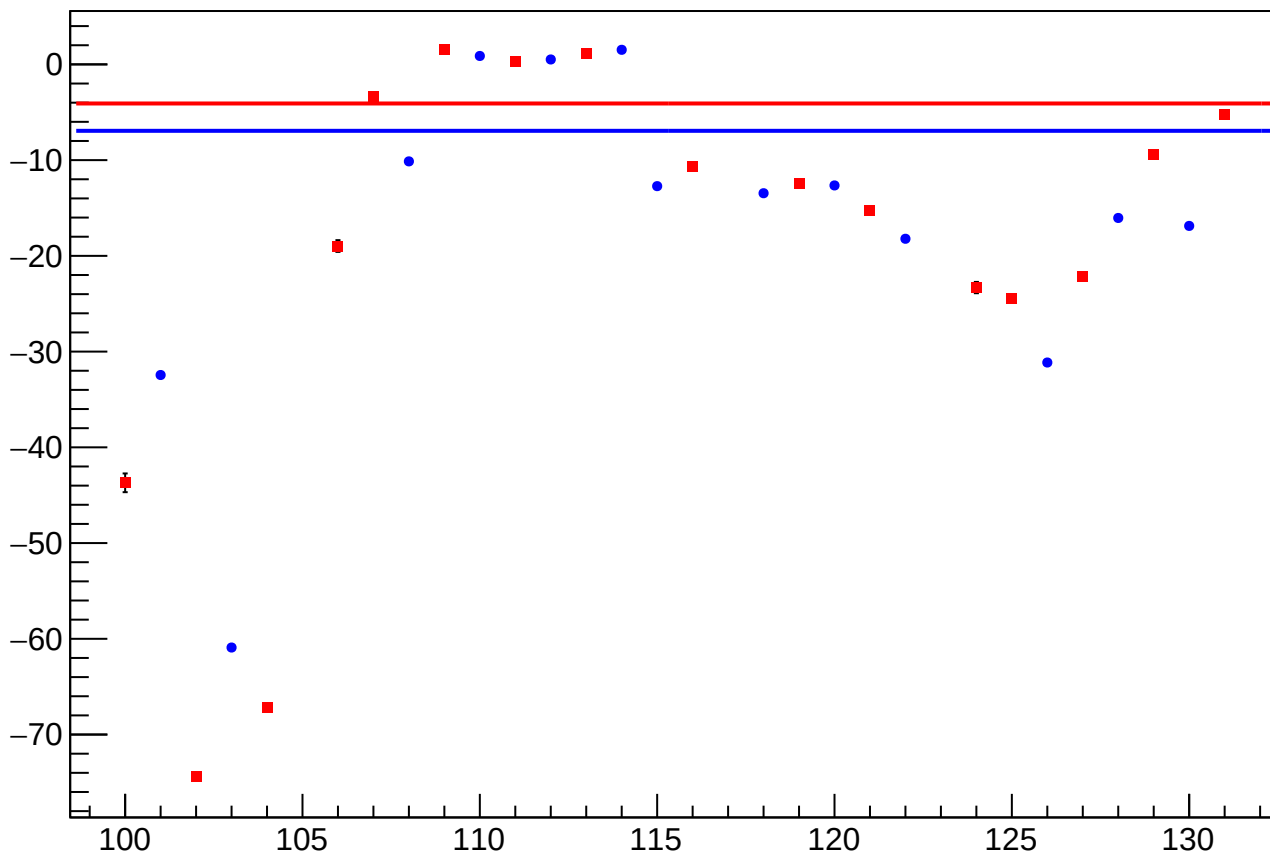
Right: -0.218+/-0.003 χ^2/NDF : 26587.5/28

In: -0.279+/-0.005 χ^2/NDF :11119.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.218+/-0.003 χ^2/NDF : 26587.5/28

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.939+/-0.062 χ^2/NDF : 40161.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.083+/-0.050 χ^2/NDF : 60286.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

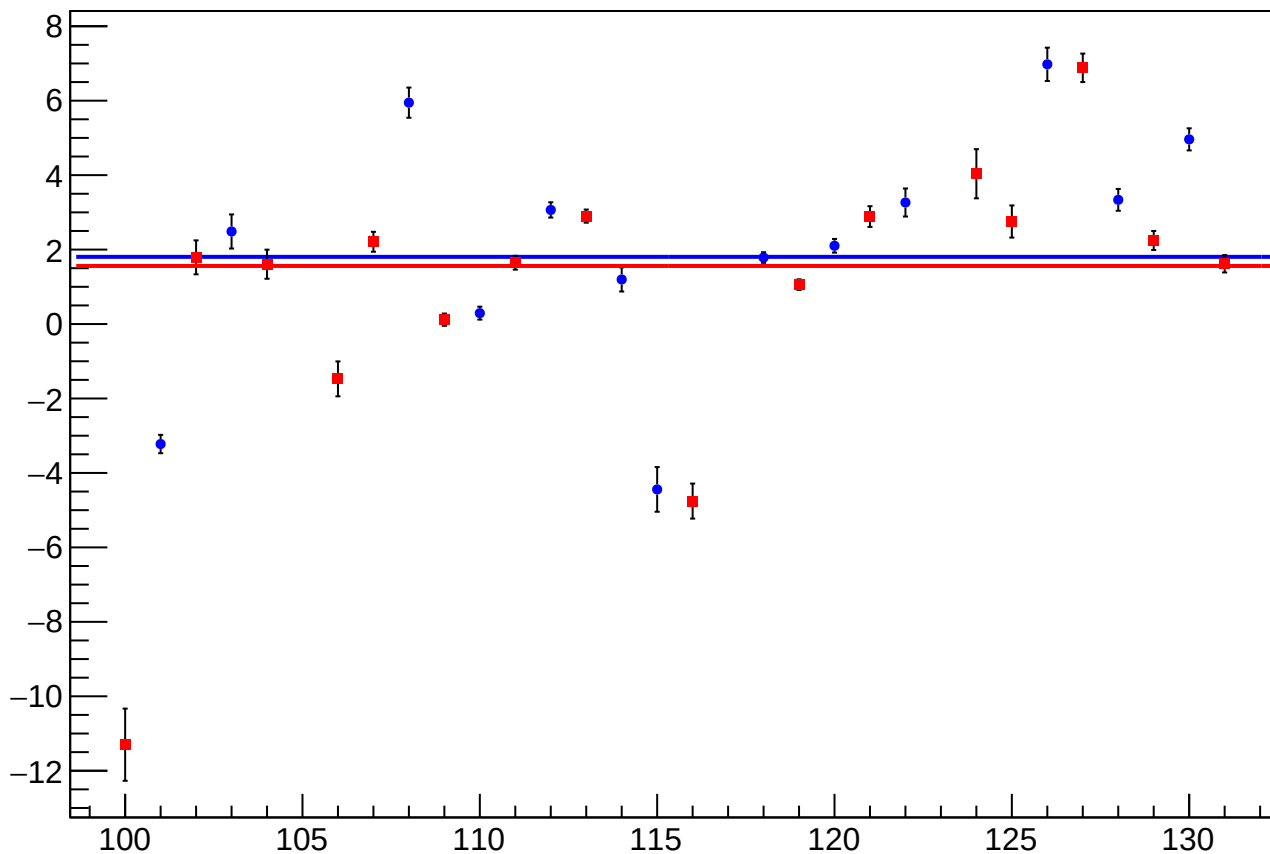
Right: -5.198+/-0.039 χ^2/NDF : 101733.5/28

In: -6.939+/-0.062 χ^2/NDF :40161.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.198+/-0.039 χ^2/NDF : 101733.5/28

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.805 $\pm$ 0.069 χ^2 /NDF: 1040.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.560 $\pm$ 0.064 χ^2 /NDF: 796.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

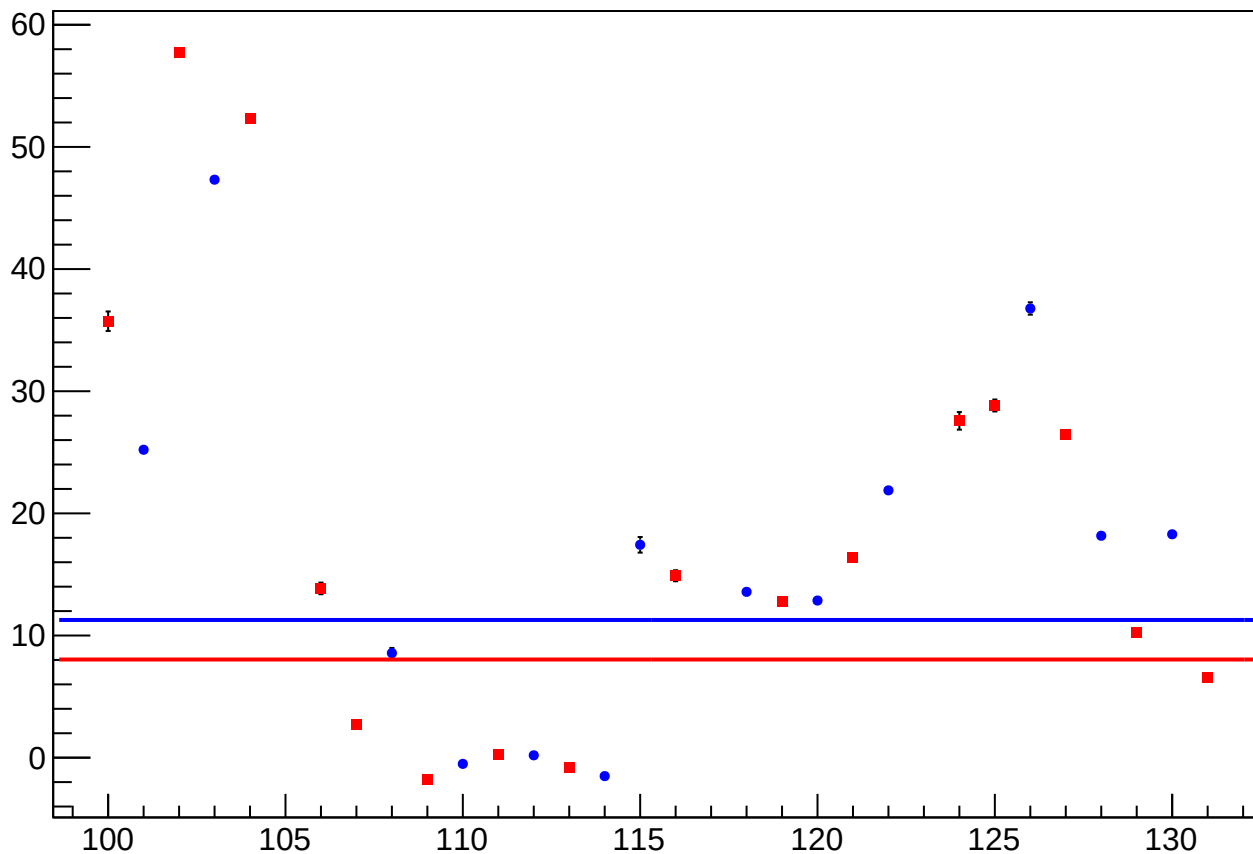
Right: 1.674 $\pm$ 0.047 χ^2 /NDF: 1843.3/28

In: 1.805 $\pm$ 0.069 χ^2 /NDF:1040.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.674 $\pm$ 0.047 χ^2 /NDF: 1843.3/28

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.274+/-0.076 χ^2/NDF : 29453.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.036+/-0.066 χ^2/NDF : 50200.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

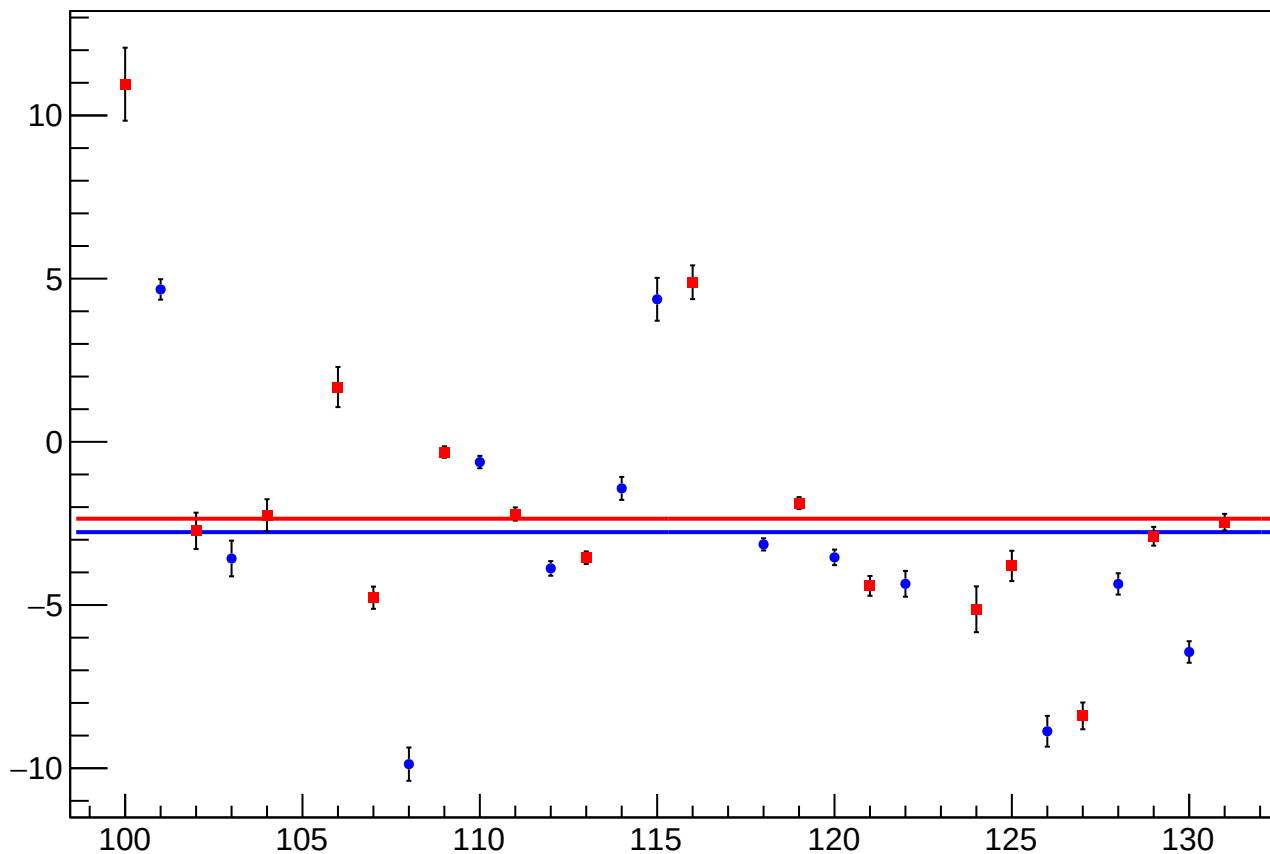
Right: 9.417+/-0.050 χ^2/NDF : 80690.5/28

In: 11.274+/-0.076 χ^2/NDF : 29453.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.417+/-0.050 χ^2/NDF : 80690.5/28

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.767+/-0.081 χ^2 /NDF: 1389.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.355+/-0.073 χ^2 /NDF: 905.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

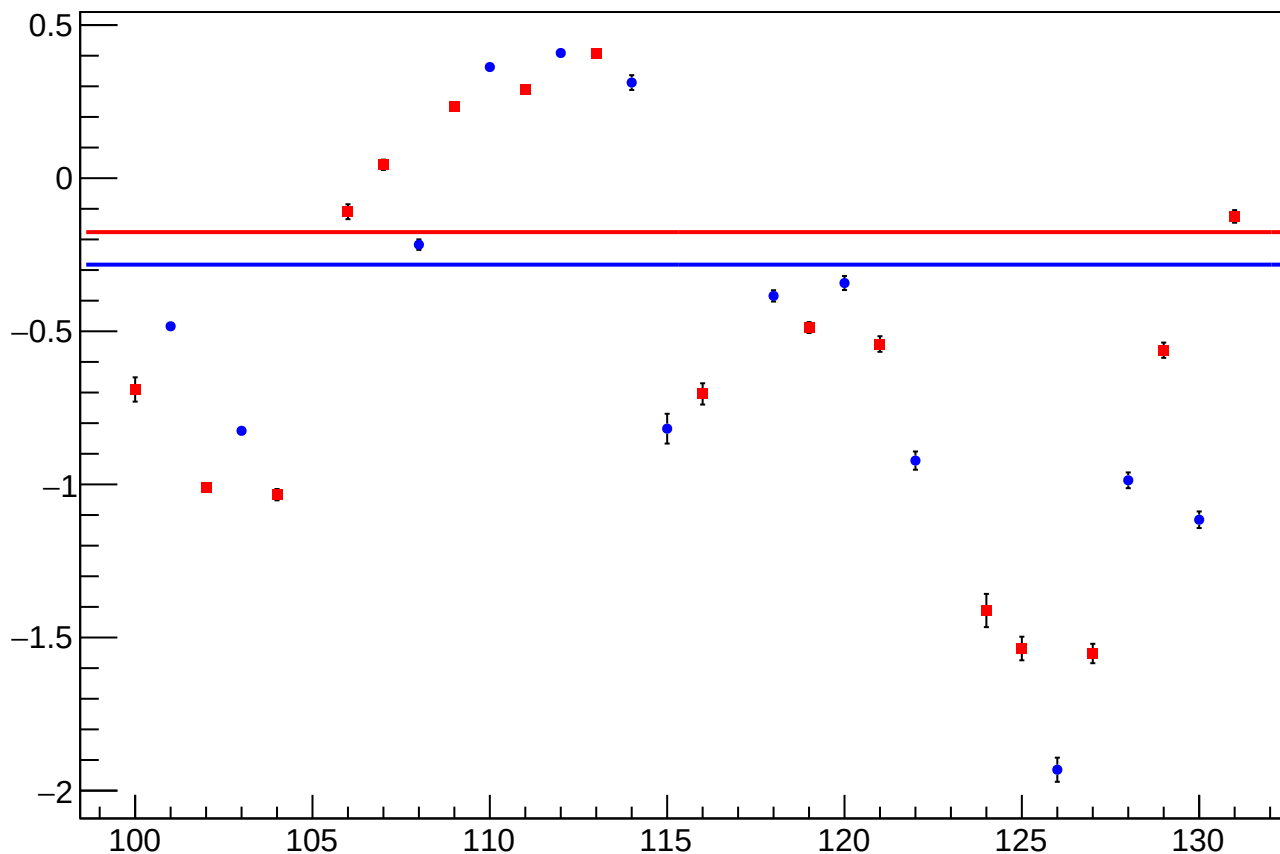
Right: -2.539+/-0.054 χ^2 /NDF: 2309.9/28

In: -2.767+/-0.081 χ^2 /NDF:1389.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.539+/-0.054 χ^2 /NDF: 2309.9/28

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.282 ± 0.005 $\chi^2/\text{NDF}: 10993.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.176 ± 0.005 $\chi^2/\text{NDF}: 15015.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

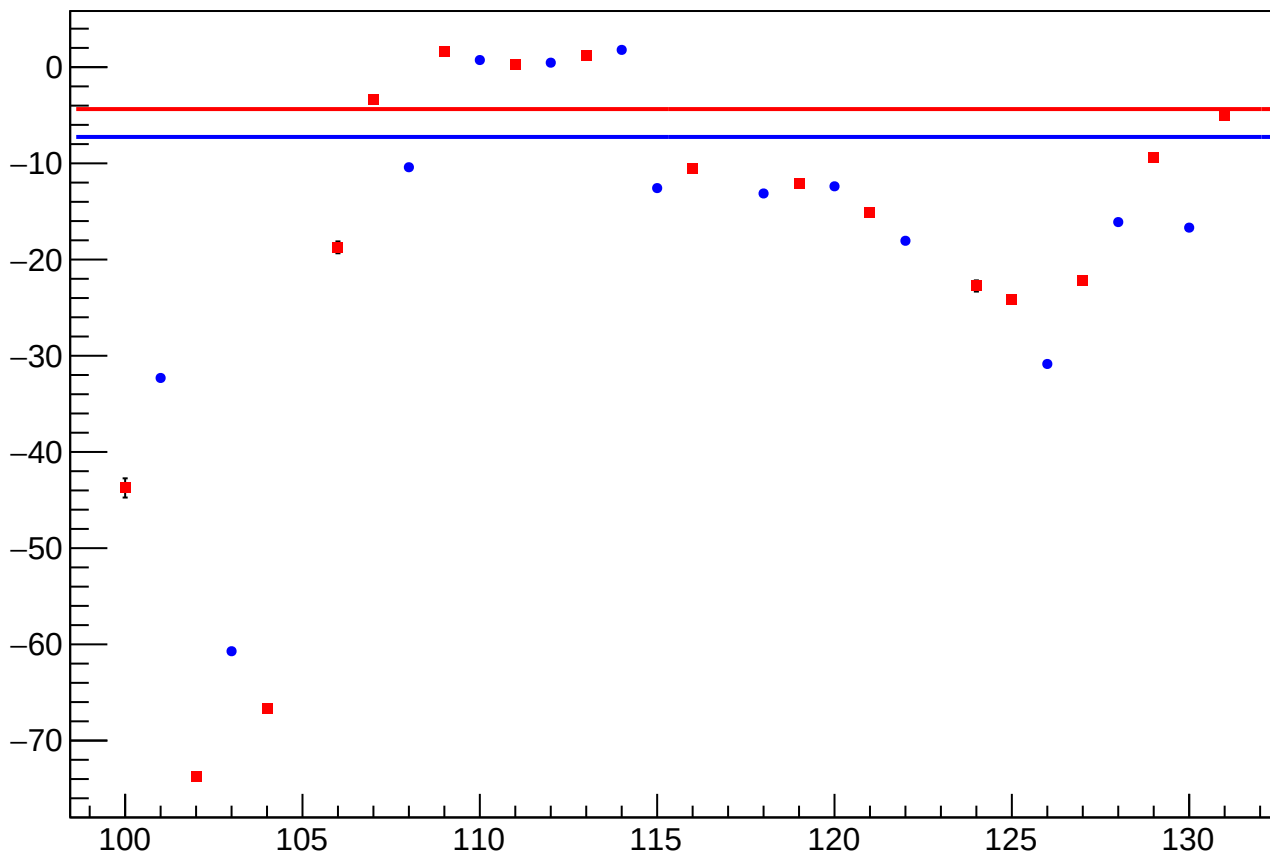
Right: -0.222 ± 0.004 $\chi^2/\text{NDF}: 26234.9/28$

In: -0.282 ± 0.005 $\chi^2/\text{NDF}: 10993.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.222 ± 0.004 $\chi^2/\text{NDF}: 26234.9/28$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.255+/-0.063 χ^2/NDF : 38886.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.358+/-0.051 χ^2/NDF : 58783.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

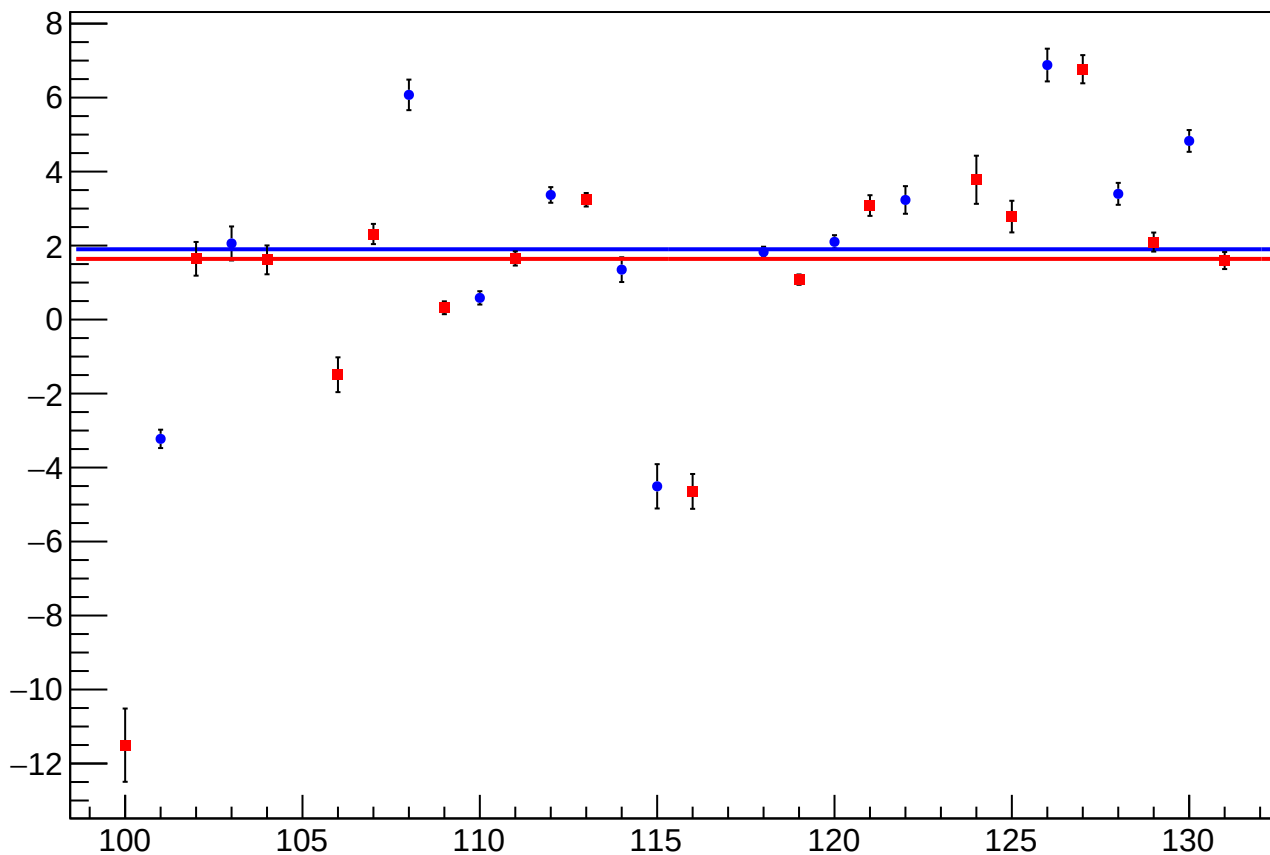
Right: -5.498+/-0.040 χ^2/NDF : 98934.1/28

In: -7.255+/-0.063 χ^2/NDF : 38886.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.498+/-0.040 χ^2/NDF : 98934.1/28

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.900+/-0.069 χ^2/NDF : 1011.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.640+/-0.065 χ^2/NDF : 784.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

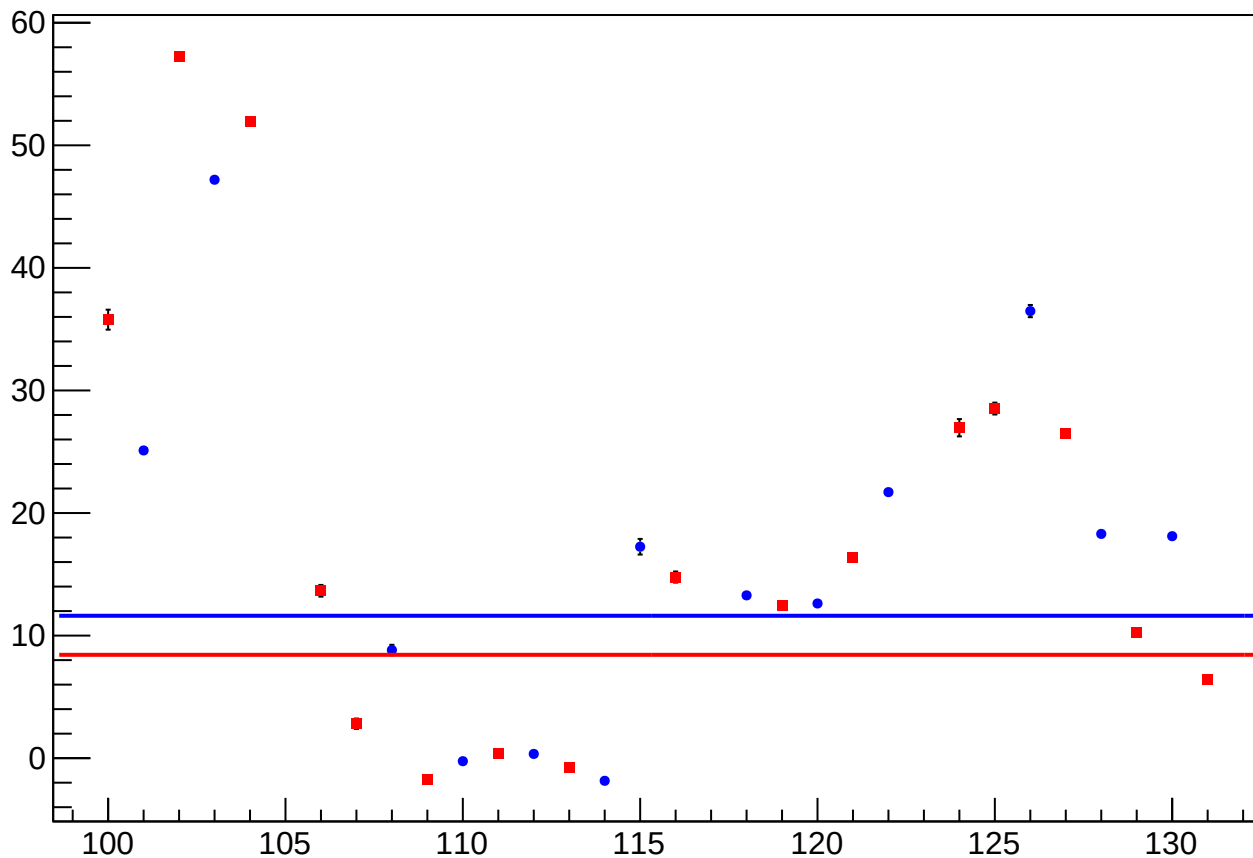
Right: 1.761+/-0.047 χ^2/NDF : 1803.5/28

In: 1.900+/-0.069 χ^2/NDF : 1011.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.761+/-0.047 χ^2/NDF : 1803.5/28

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.618+/-0.077 χ^2/NDF : 28213.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.433+/-0.067 χ^2/NDF : 48487.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

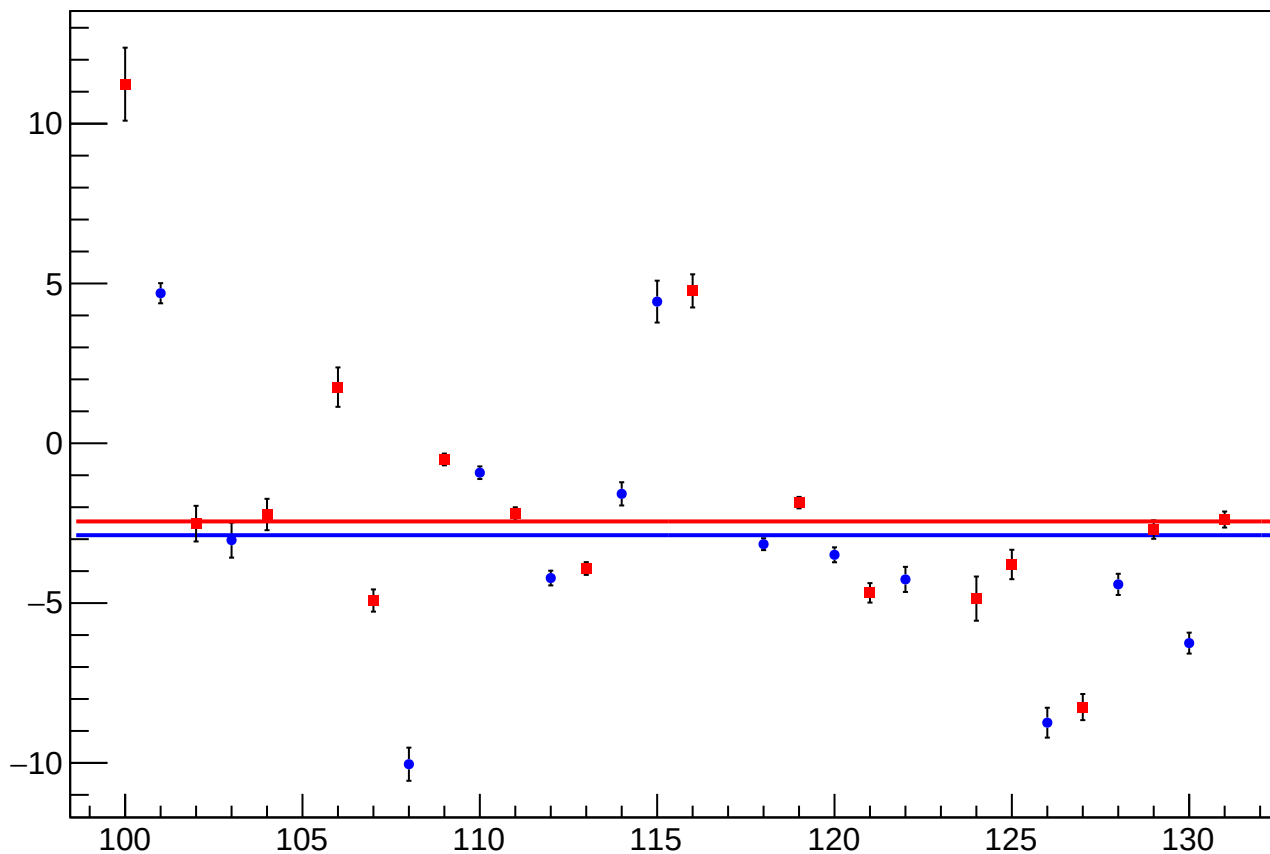
Right: 9.800+/-0.051 χ^2/NDF : 77672.1/28

In: 11.618+/-0.077 χ^2/NDF : 28213.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.800+/-0.051 χ^2/NDF : 77672.1/28

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.876 ± 0.082 χ^2/NDF : 1342.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.445 ± 0.074 χ^2/NDF : 889.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

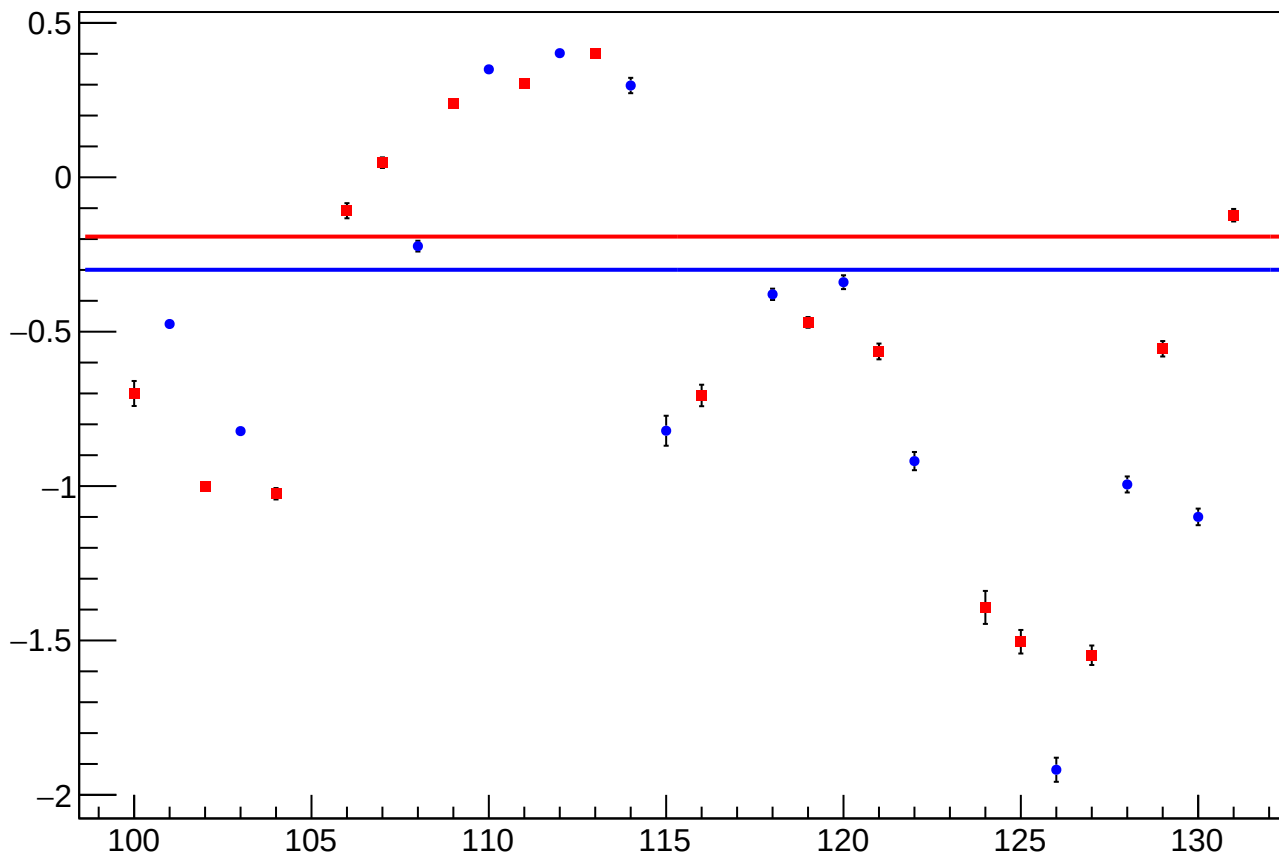
Right: -2.638 ± 0.055 χ^2/NDF : 2246.8/28

In: -2.876 ± 0.082 χ^2/NDF : 1342.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.638 ± 0.055 χ^2/NDF : 2246.8/28

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.299+/-0.005 χ^2/NDF : 10425.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.192+/-0.005 χ^2/NDF : 14533.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

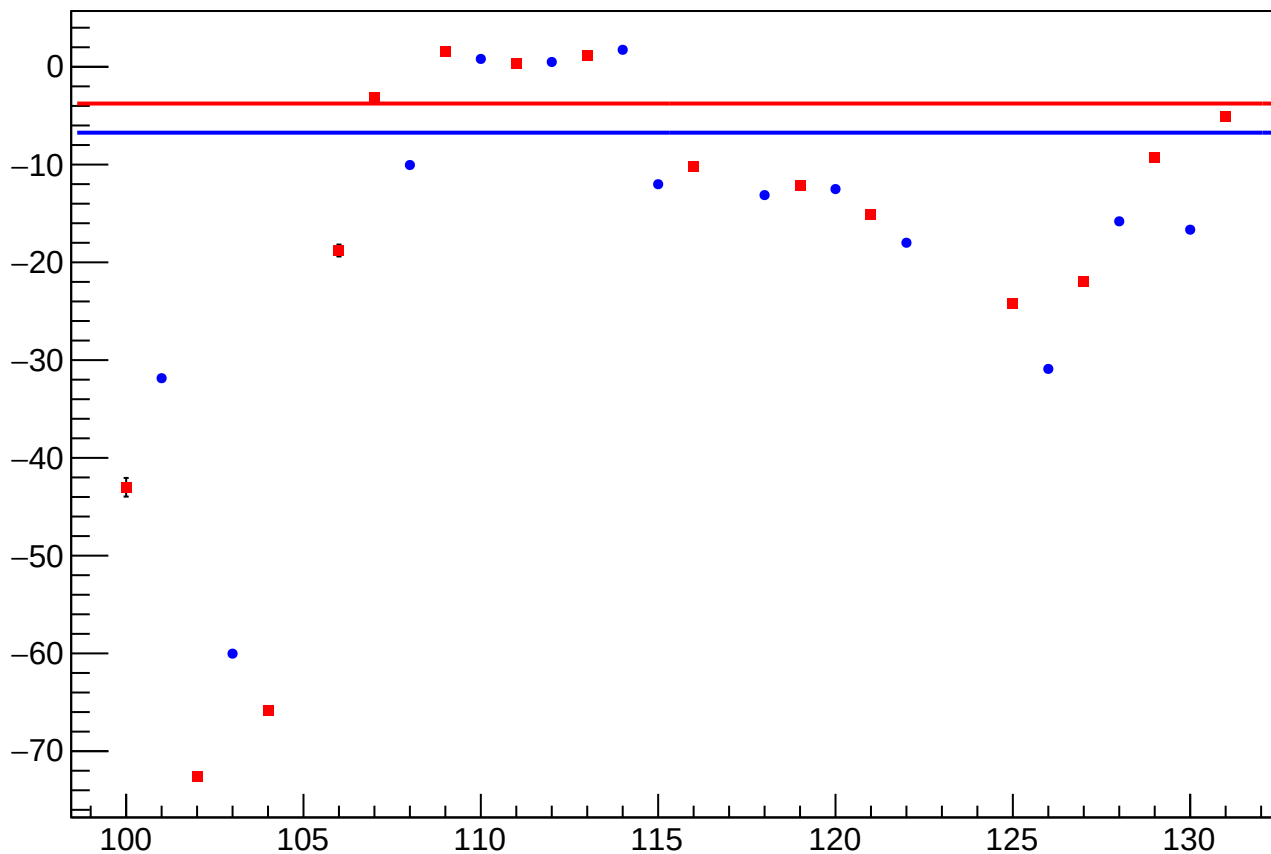
Right: -0.239+/-0.004 χ^2/NDF : 25183.2/28

In: -0.299+/-0.005 χ^2/NDF :10425.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.239+/-0.004 χ^2/NDF : 25183.2/28

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.737+/-0.061 χ^2/NDF : 40786.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.756+/-0.048 χ^2/NDF : 59892.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

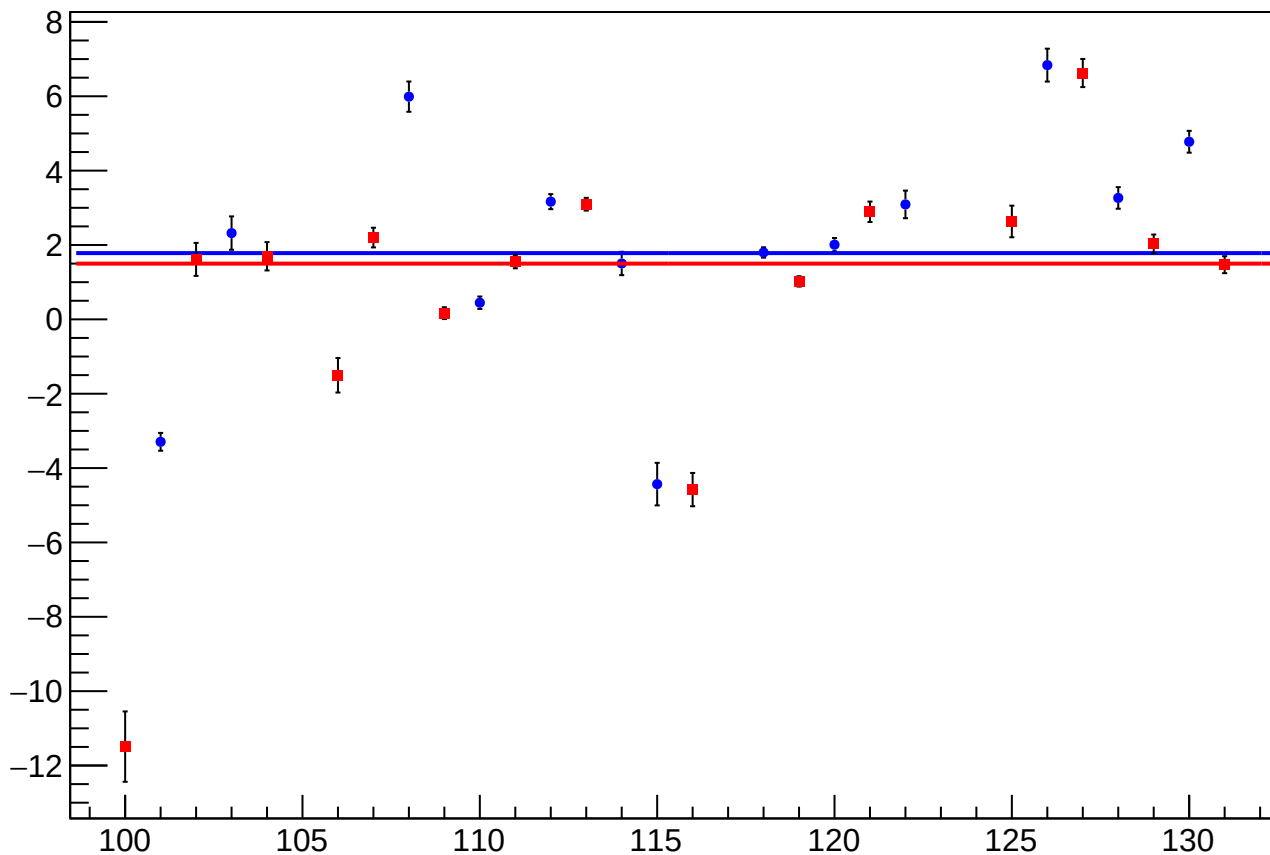
Right: -4.918+/-0.038 χ^2/NDF : 102154.2/27

In: -6.737+/-0.061 χ^2/NDF :40786.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.918+/-0.038 χ^2/NDF : 102154.2/27

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.782 $\pm$ 0.067 χ^2 /NDF: 1060.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.499 $\pm$ 0.063 χ^2 /NDF: 811.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

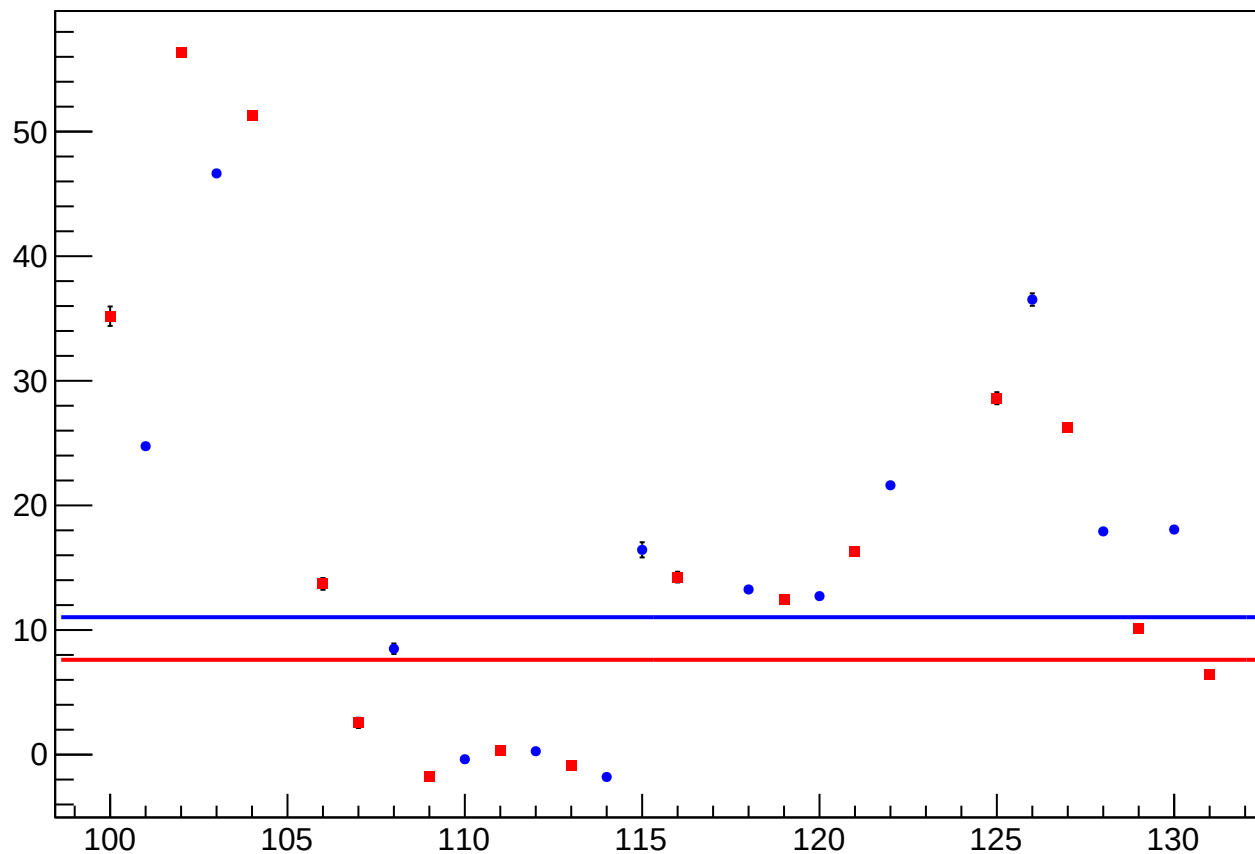
Right: 1.630 $\pm$ 0.046 χ^2 /NDF: 1881.5/27

In: 1.782 $\pm$ 0.067 χ^2 /NDF:1060.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.630 $\pm$ 0.046 χ^2 /NDF: 1881.5/27

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.029+/-0.074 χ^2/NDF : 29906.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.611+/-0.064 χ^2/NDF : 50061.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

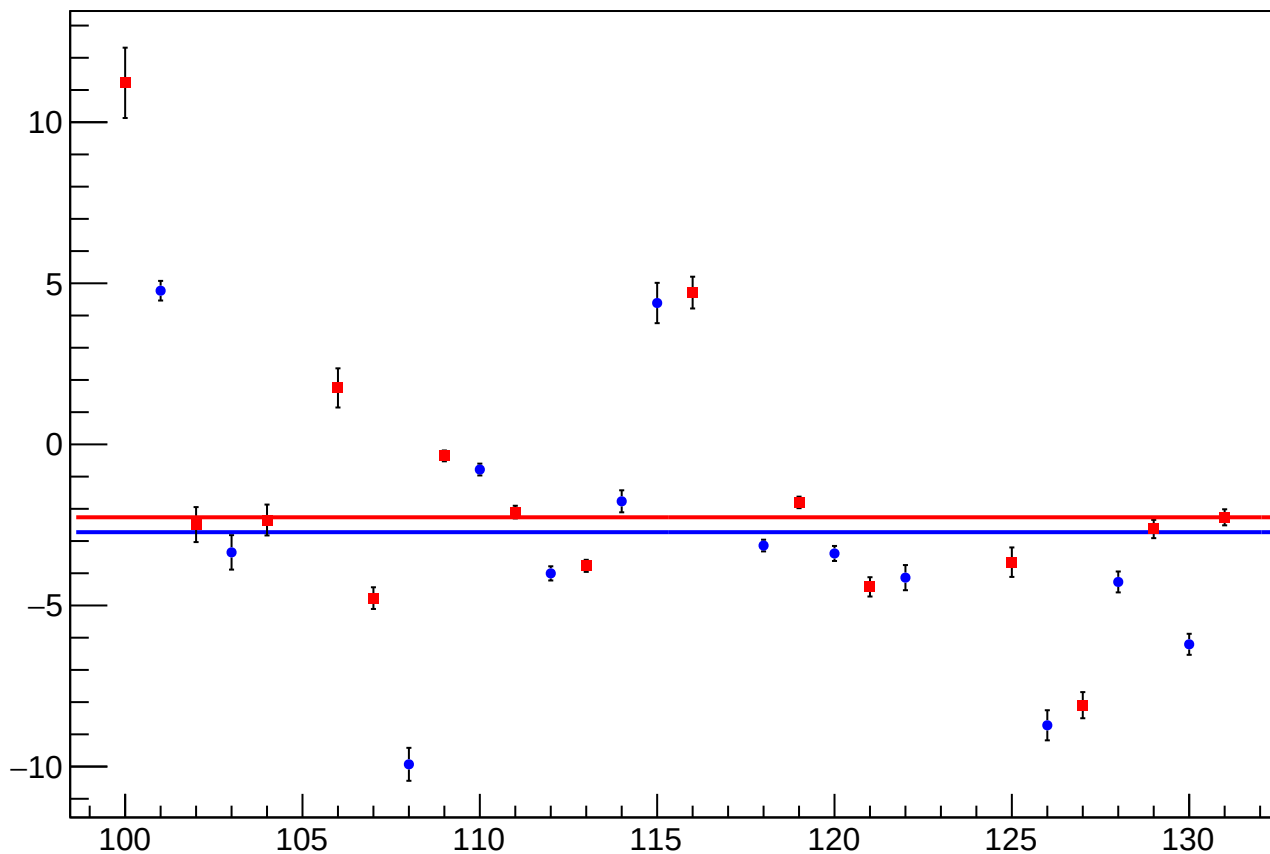
Right: 9.069+/-0.049 χ^2/NDF : 81180.1/27

In: 11.029+/-0.074 χ^2/NDF : 29906.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.069+/-0.049 χ^2/NDF : 81180.1/27

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.725+/-0.079 χ^2/NDF : 1415.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.262+/-0.071 χ^2/NDF : 921.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

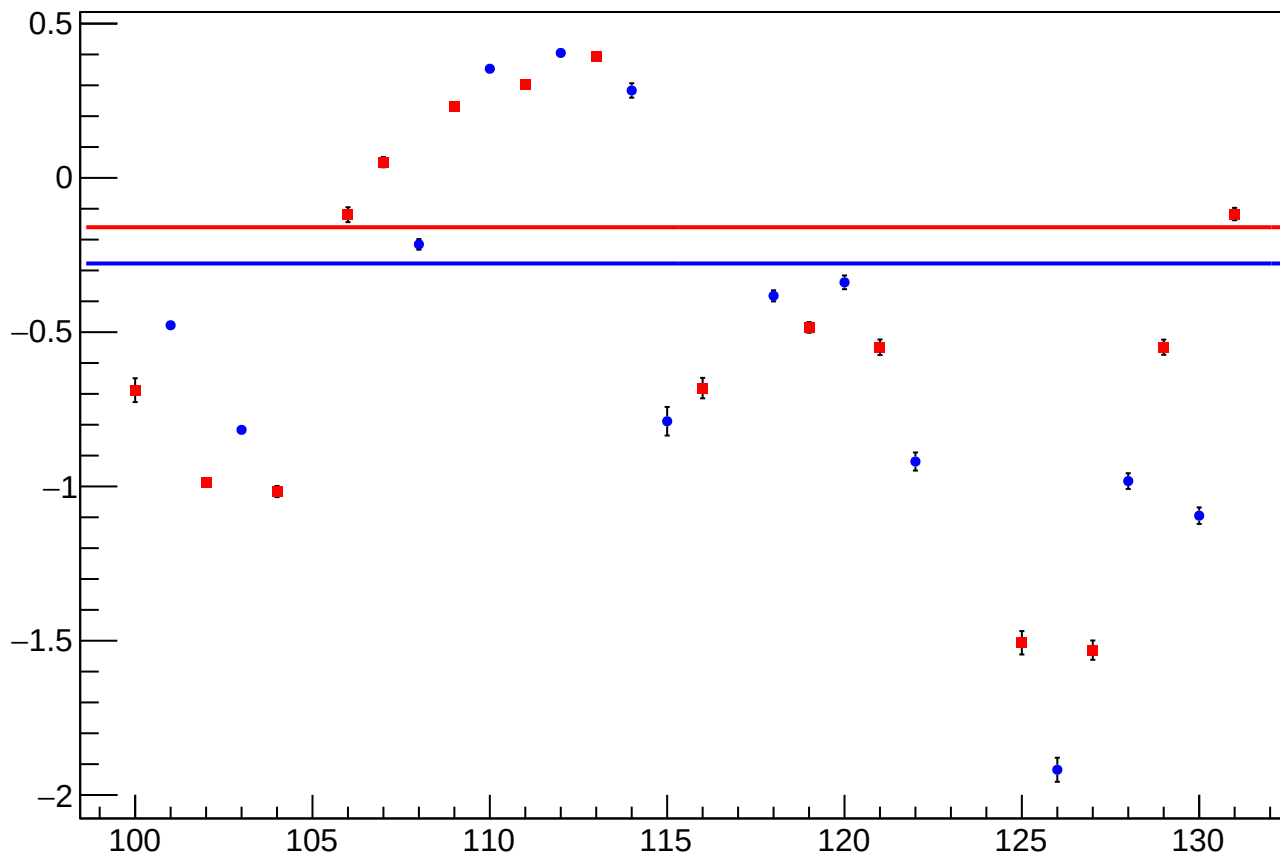
Right: -2.469+/-0.053 χ^2/NDF : 2355.5/27

In: -2.725+/-0.079 χ^2/NDF : 1415.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.469+/-0.053 χ^2/NDF : 2355.5/27

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277+/-0.005 χ^2/NDF : 11148.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.160+/-0.005 χ^2/NDF : 14759.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

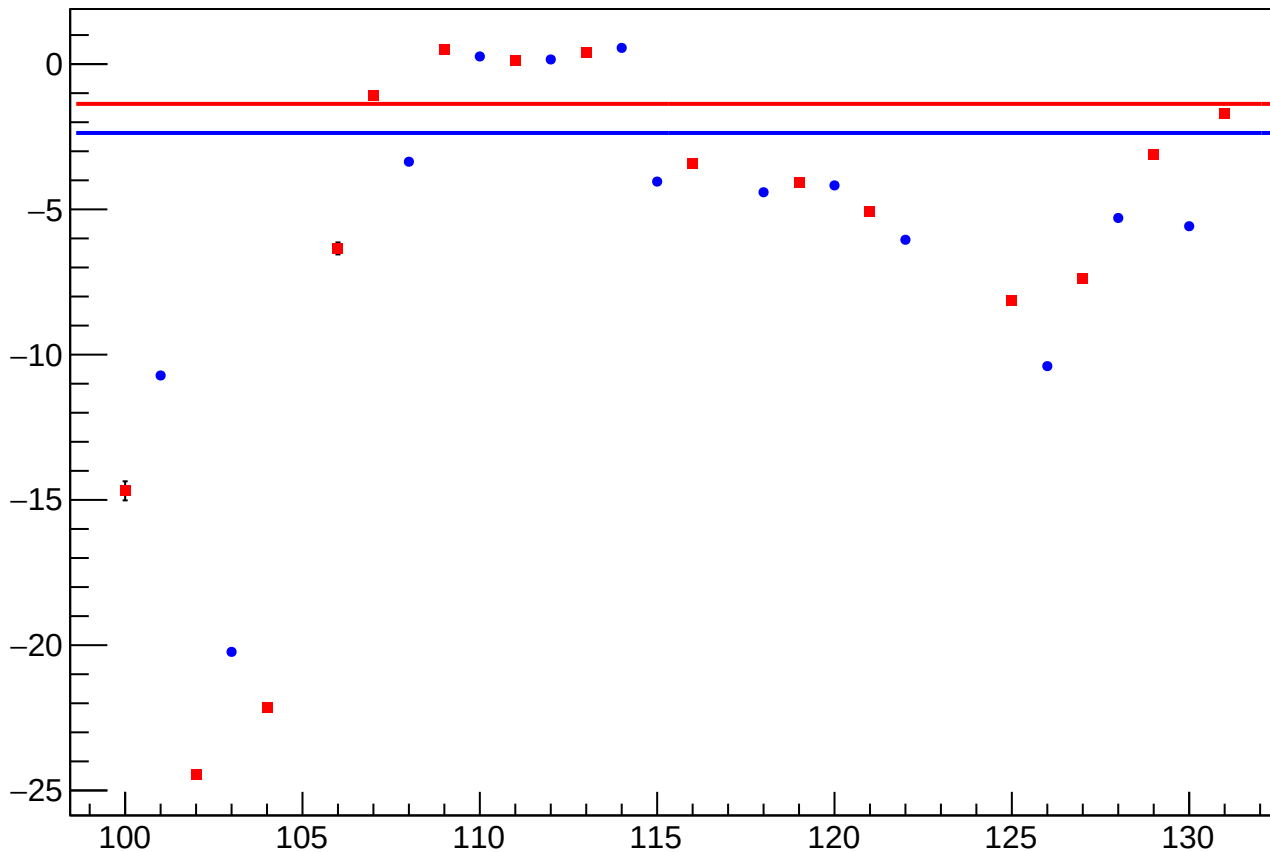
Right: -0.211+/-0.003 χ^2/NDF : 26196.6/27

In: -0.277+/-0.005 χ^2/NDF :11148.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.211+/-0.003 χ^2/NDF : 26196.6/27

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.370+/-0.021 χ^2/NDF : 39637.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.369+/-0.017 χ^2/NDF : 58509.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

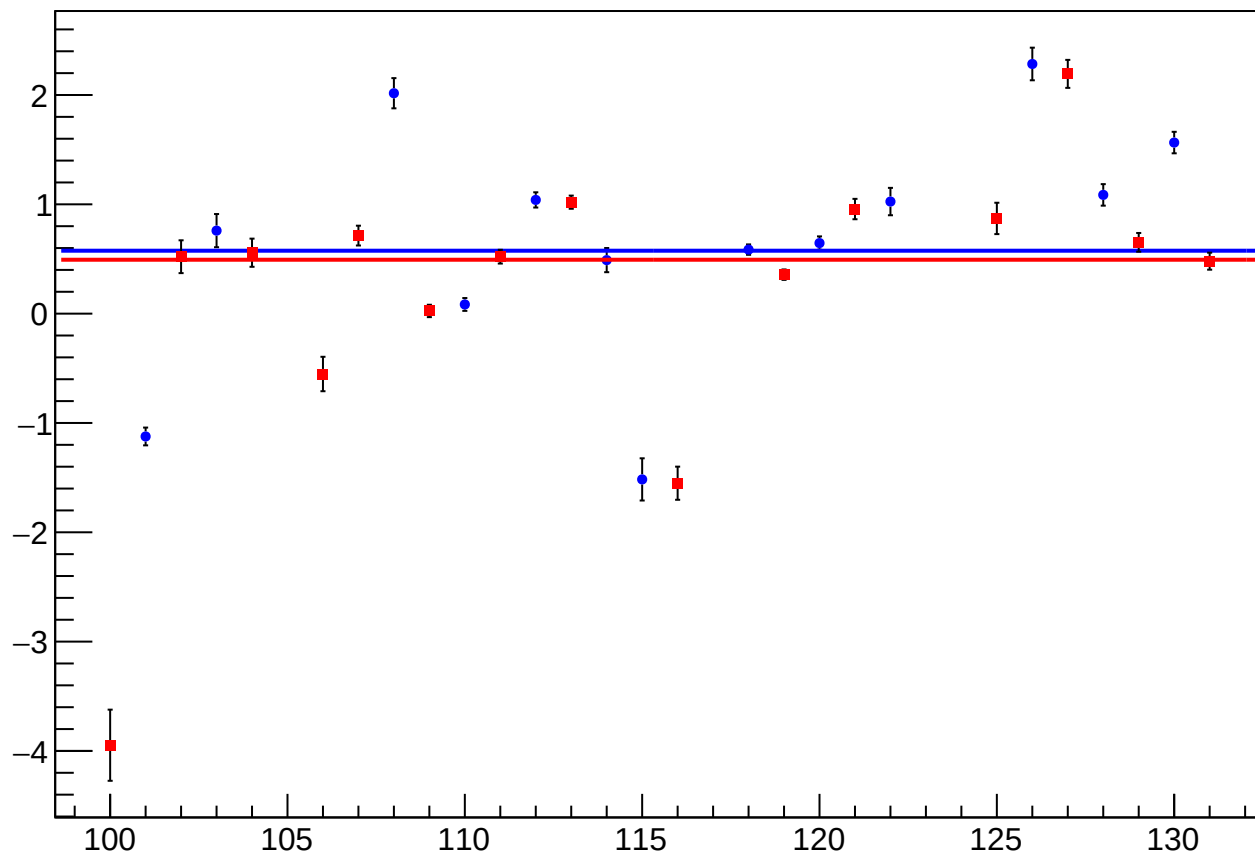
Right: -1.764+/-0.013 χ^2/NDF : 99531.5/27

In: -2.370+/-0.021 χ^2/NDF :39637.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.764+/-0.013 χ^2/NDF : 99531.5/27

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.576+/-0.023 χ^2/NDF : 1052.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.493+/-0.022 χ^2/NDF : 783.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

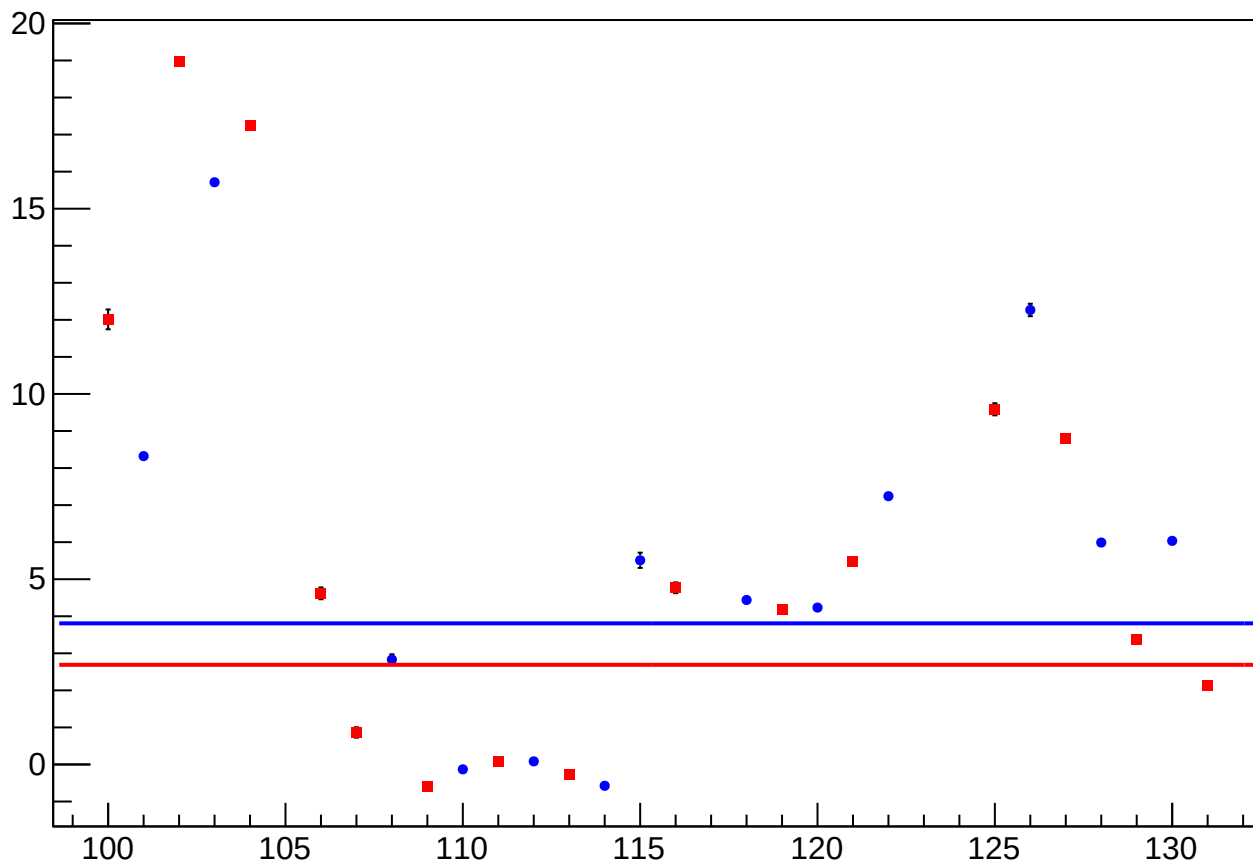
Right: 0.532+/-0.016 χ^2/NDF : 1843.1/27

In: 0.576+/-0.023 χ^2/NDF : 1052.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.532+/-0.016 χ^2/NDF : 1843.1/27

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.808+/-0.026 χ^2/NDF : 28887.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.689+/-0.022 χ^2/NDF : 48637.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

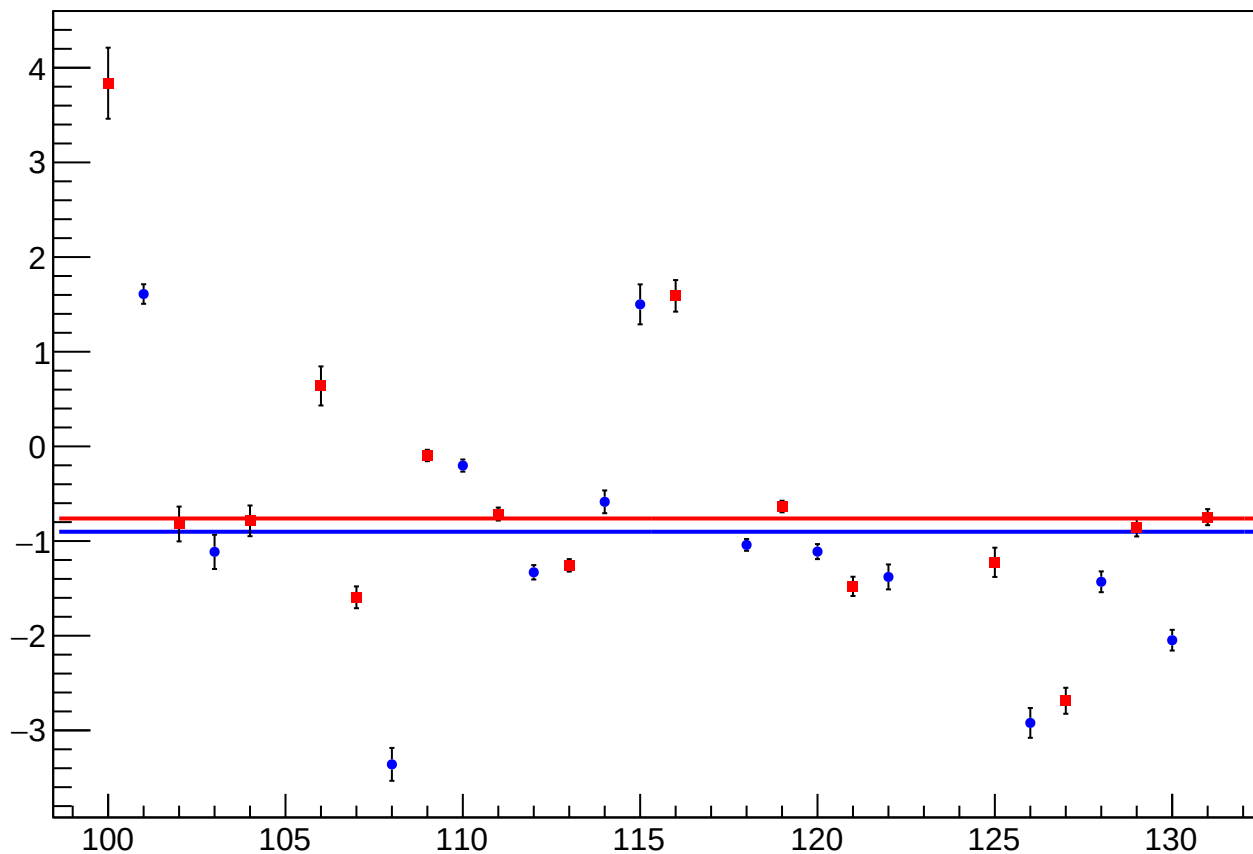
Right: 3.172+/-0.017 χ^2/NDF : 78615.8/27

In: 3.808+/-0.026 χ^2/NDF : 28887.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.172+/-0.017 χ^2/NDF : 78615.8/27

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.902 ± 0.027 χ^2/NDF : 1400.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.762 ± 0.025 χ^2/NDF : 888.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

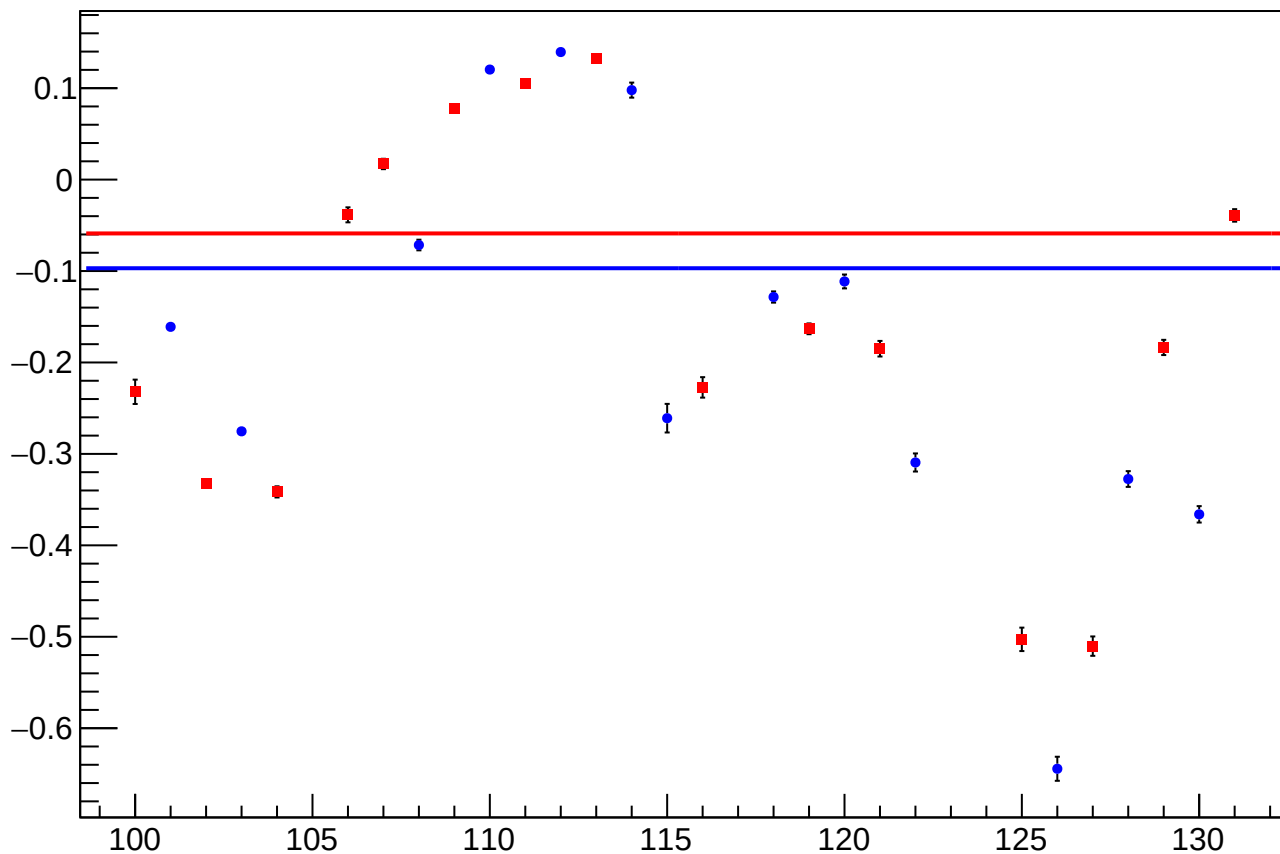
Right: -0.825 ± 0.018 χ^2/NDF : 2303.6/27

In: -0.902 ± 0.027 χ^2/NDF : 1400.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.825 ± 0.018 χ^2/NDF : 2303.6/27

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.097 ± 0.002 χ^2/NDF : 10809.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.059 ± 0.002 χ^2/NDF : 14189.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

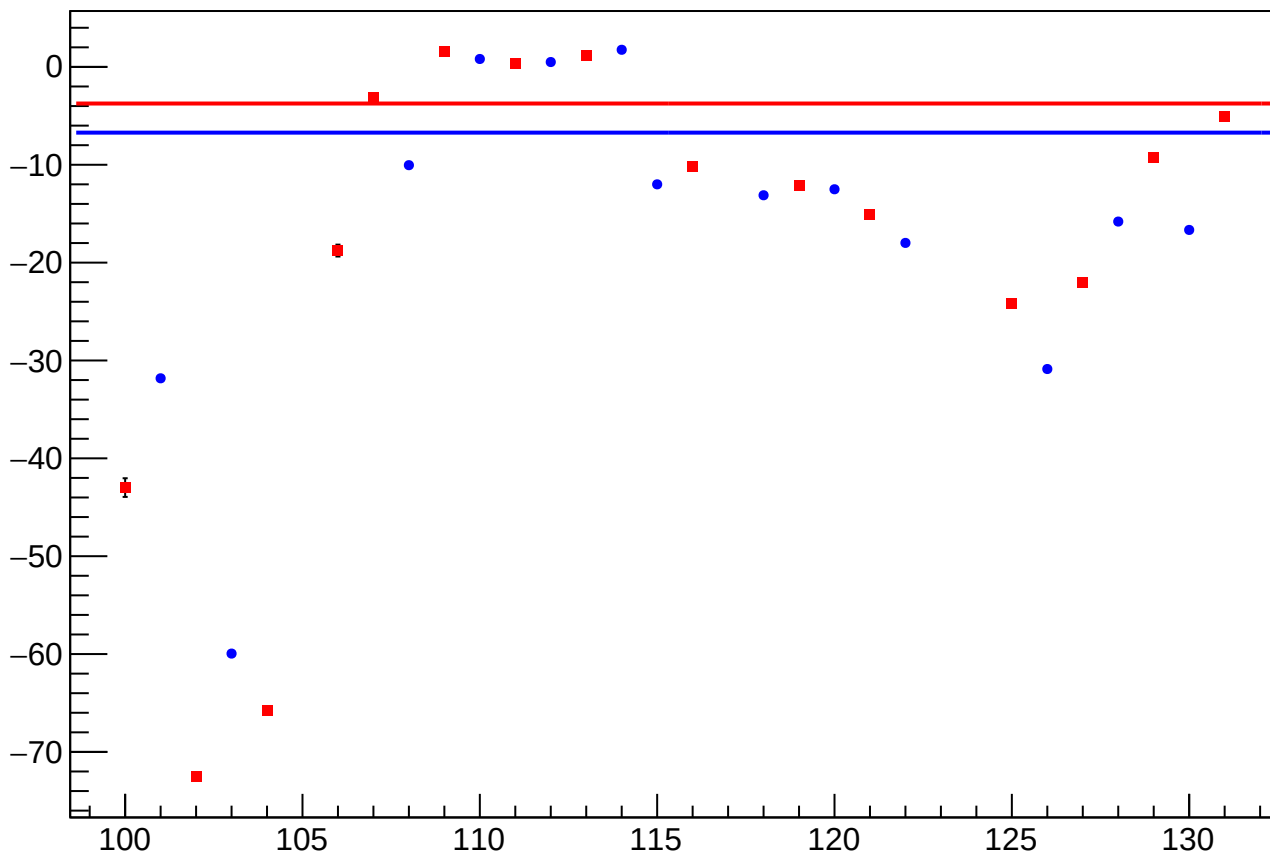
Right: -0.076 ± 0.001 χ^2/NDF : 25255.5/27

In: -0.097 ± 0.002 χ^2/NDF : 10809.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.076 ± 0.001 χ^2/NDF : 25255.5/27

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.716+/-0.061 χ^2/NDF : 40816.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.741+/-0.048 χ^2/NDF : 59924.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

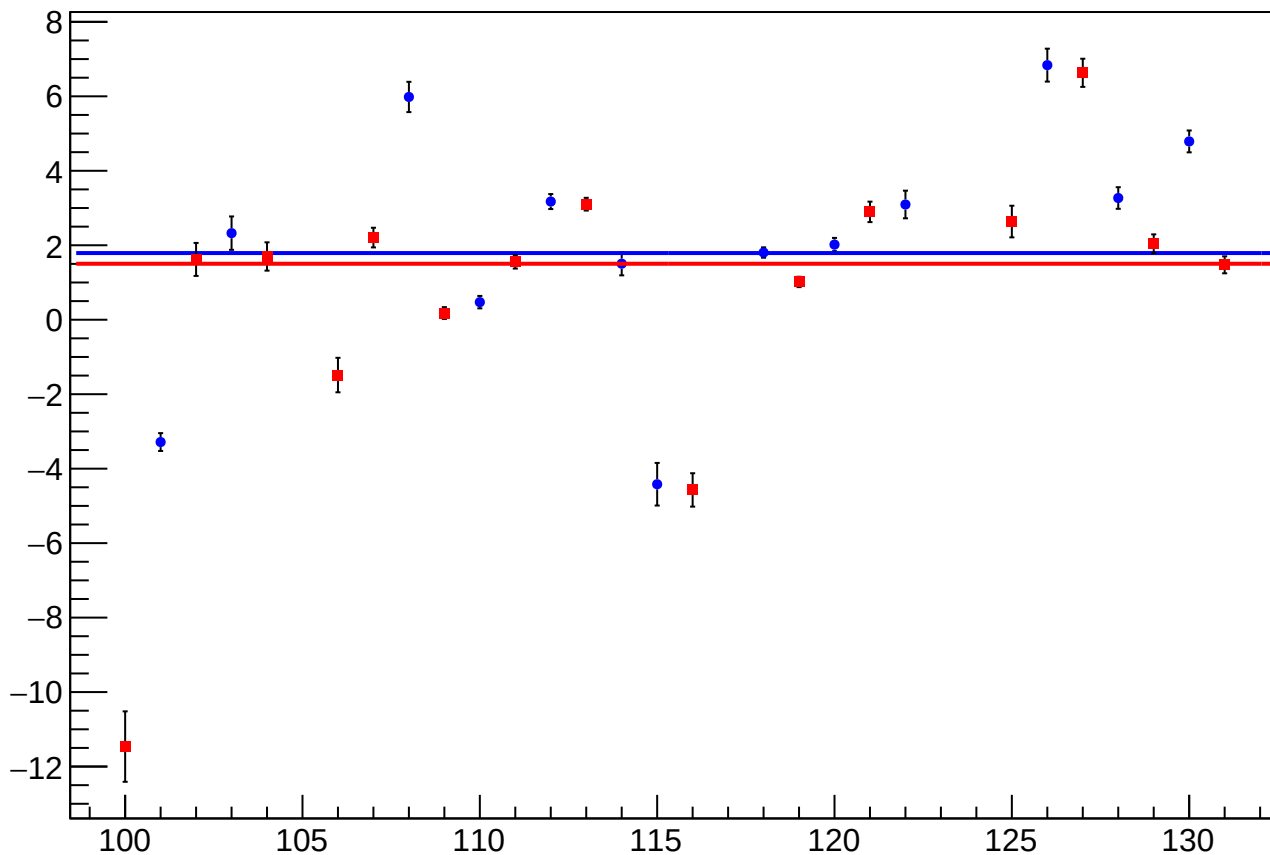
Right: -4.900+/-0.038 χ^2/NDF : 102216.1/27

In: -6.716+/-0.061 χ^2/NDF :40816.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.900+/-0.038 χ^2/NDF : 102216.1/27

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.791+/-0.067 χ^2/NDF : 1059.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.503+/-0.063 χ^2/NDF : 811.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

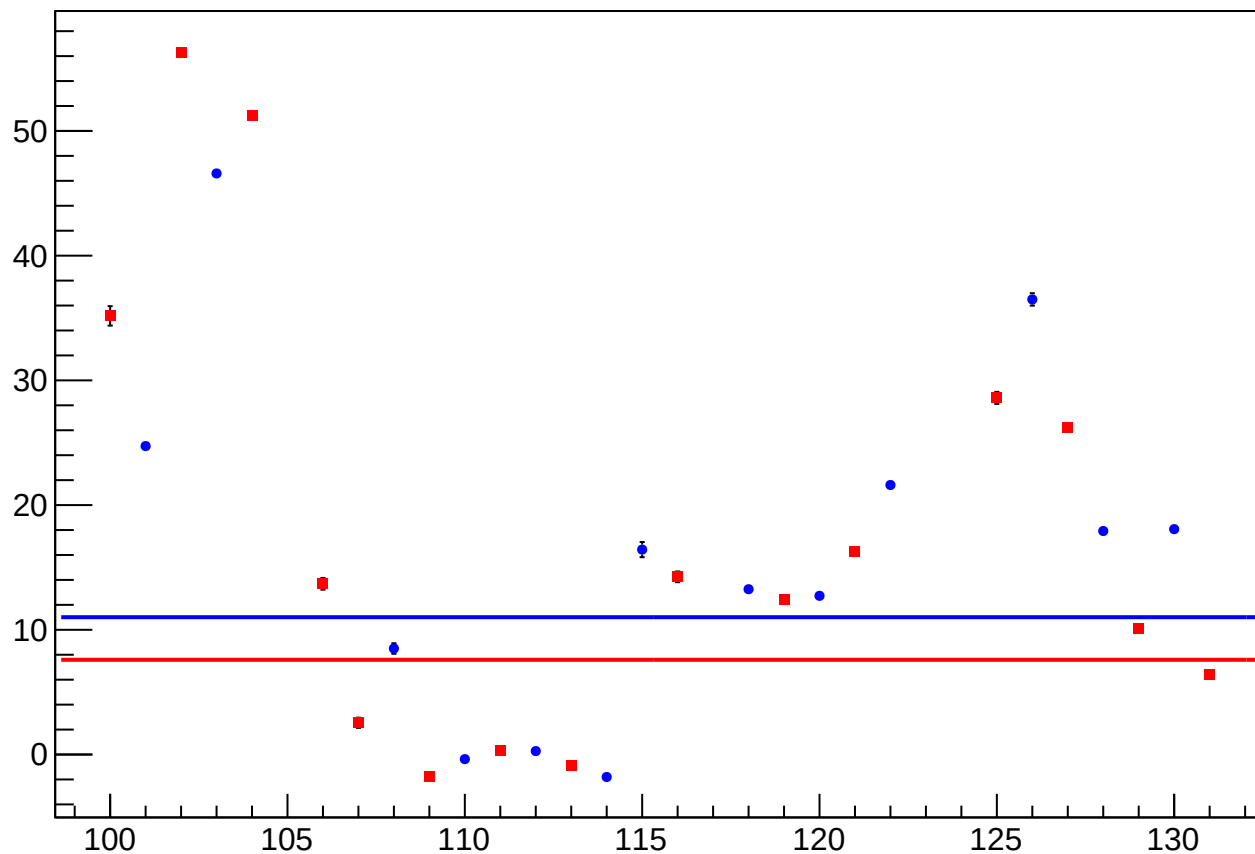
Right: 1.637+/-0.046 χ^2/NDF : 1880.3/27

In: 1.791+/-0.067 χ^2/NDF : 1059.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.637+/-0.046 χ^2/NDF : 1880.3/27

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.011+/-0.074 χ^2/NDF : 29934.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.596+/-0.064 χ^2/NDF : 50092.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

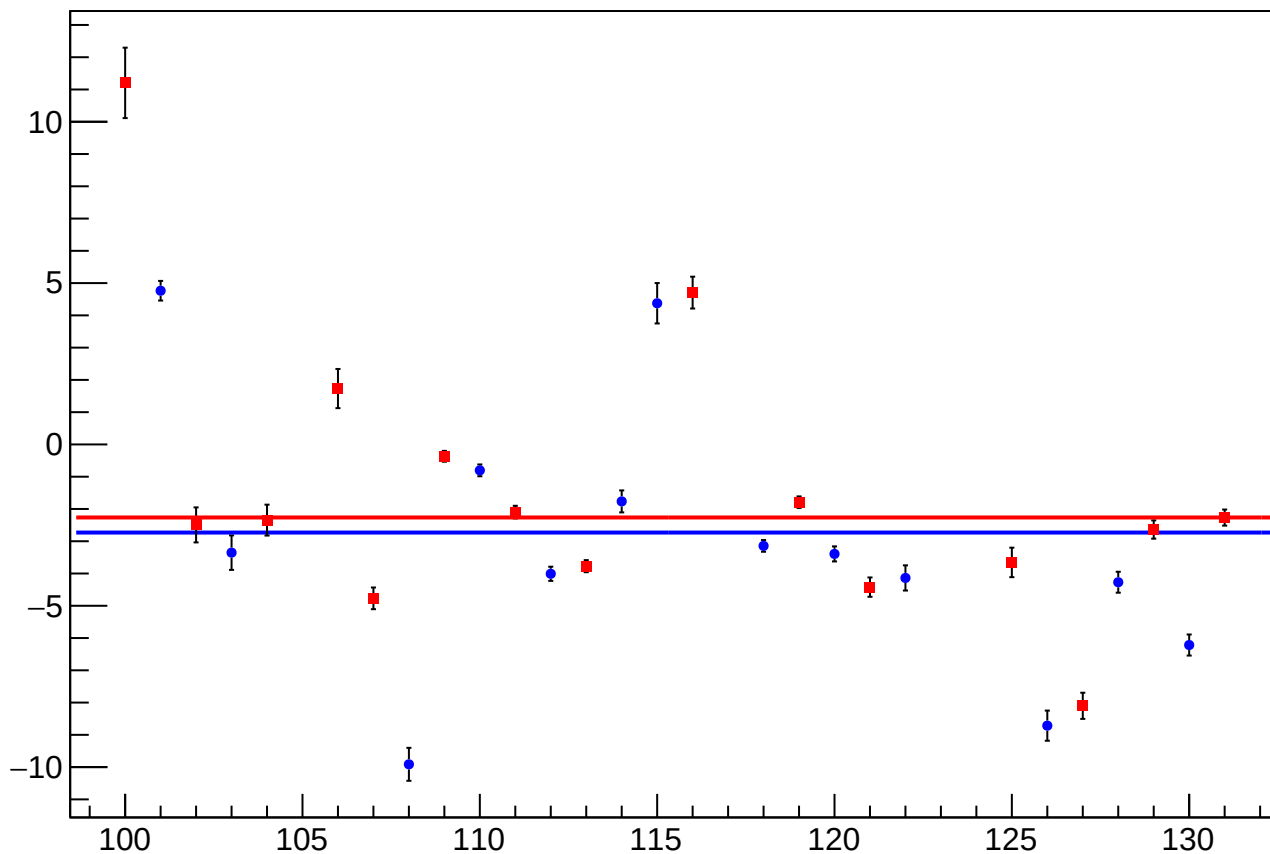
Right: 9.052+/-0.048 χ^2/NDF : 81240.2/27

In: 11.011+/-0.074 χ^2/NDF : 29934.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.052+/-0.048 χ^2/NDF : 81240.2/27

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.731 ± 0.079 χ^2/NDF : 1413.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.264 ± 0.071 χ^2/NDF : 921.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

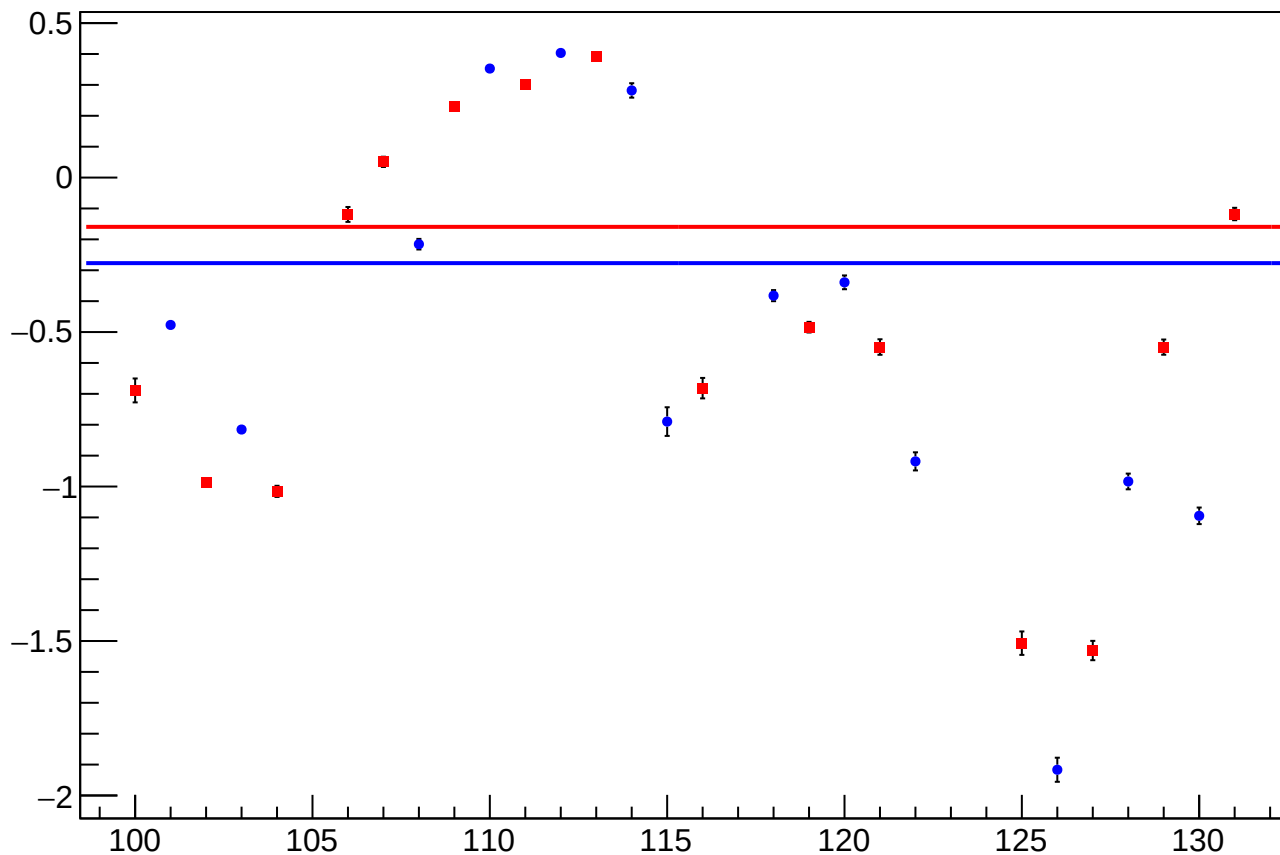
Right: -2.472 ± 0.053 χ^2/NDF : 2354.3/27

In: -2.731 ± 0.079 χ^2/NDF : 1413.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.472 ± 0.053 χ^2/NDF : 2354.3/27

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277+/-0.005 χ^2/NDF : 11148.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.160+/-0.005 χ^2/NDF : 14771.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

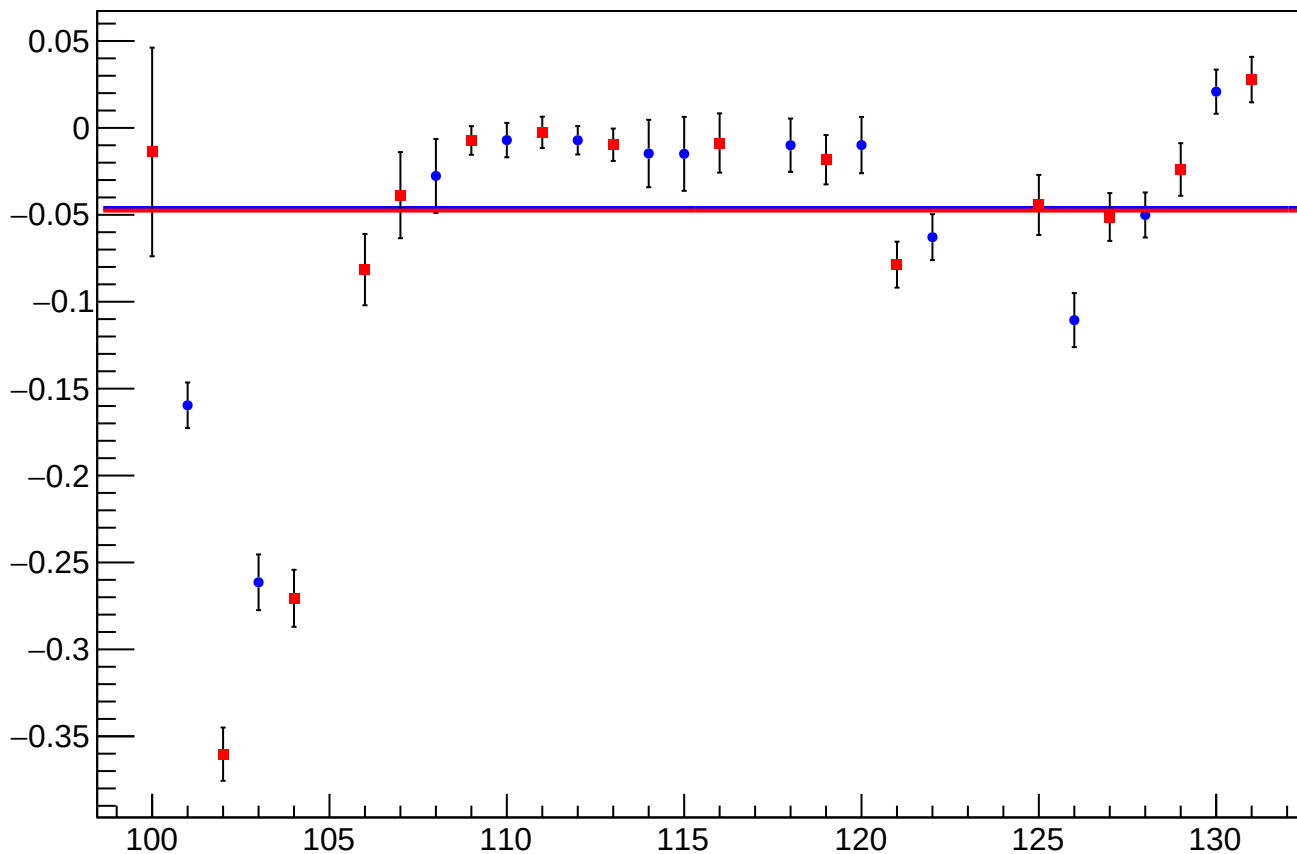
Right: -0.211+/-0.003 χ^2/NDF : 26208.7/27

In: -0.277+/-0.005 χ^2/NDF :11148.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.211+/-0.003 χ^2/NDF : 26208.7/27

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.046+/-0.004 χ^2/NDF : 357.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.048+/-0.003 χ^2/NDF : 721.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

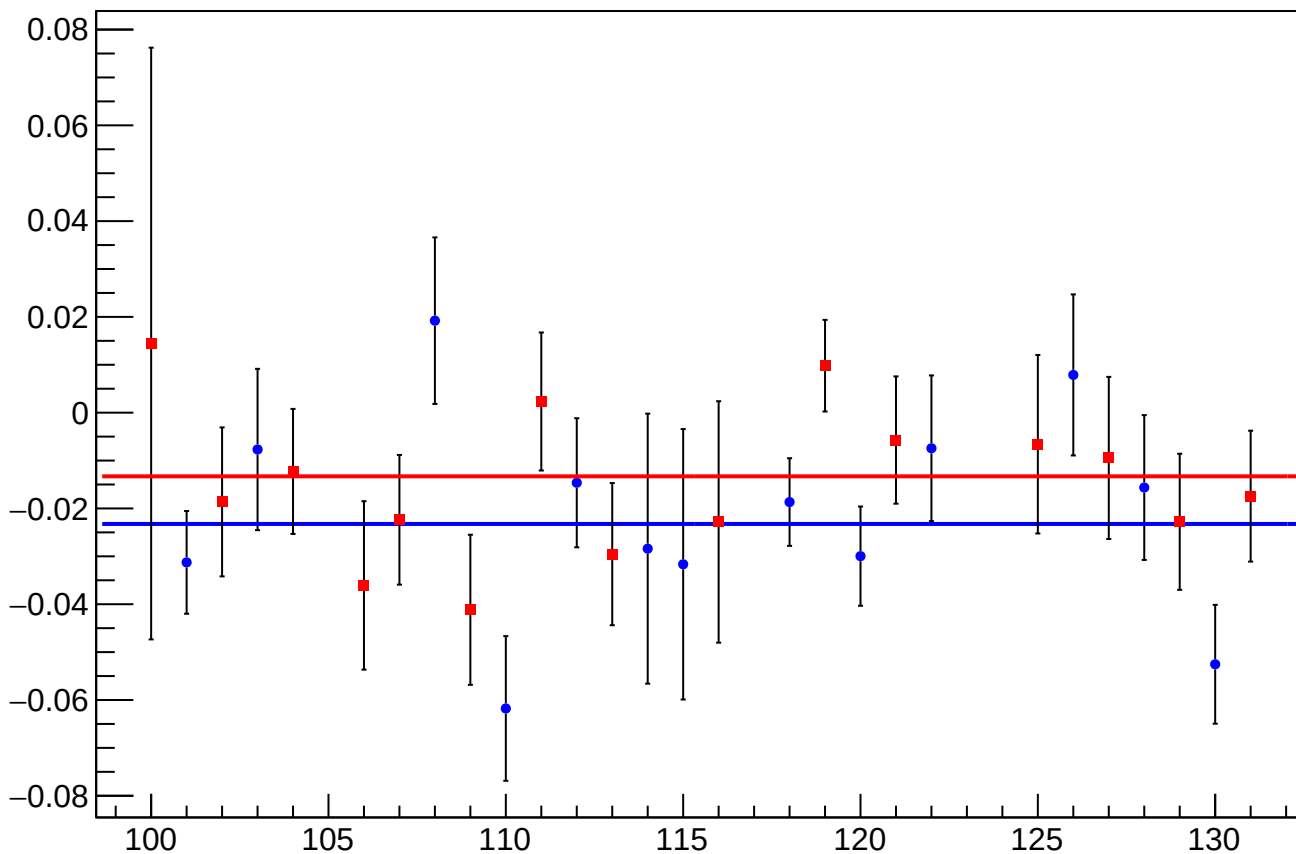
Right: -0.047+/-0.003 χ^2/NDF : 1078.6/27

In: -0.046+/-0.004 χ^2/NDF : 357.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.047+/-0.003 χ^2/NDF : 1078.6/27

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.004 χ^2/NDF : 25.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.004 χ^2/NDF : 15.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

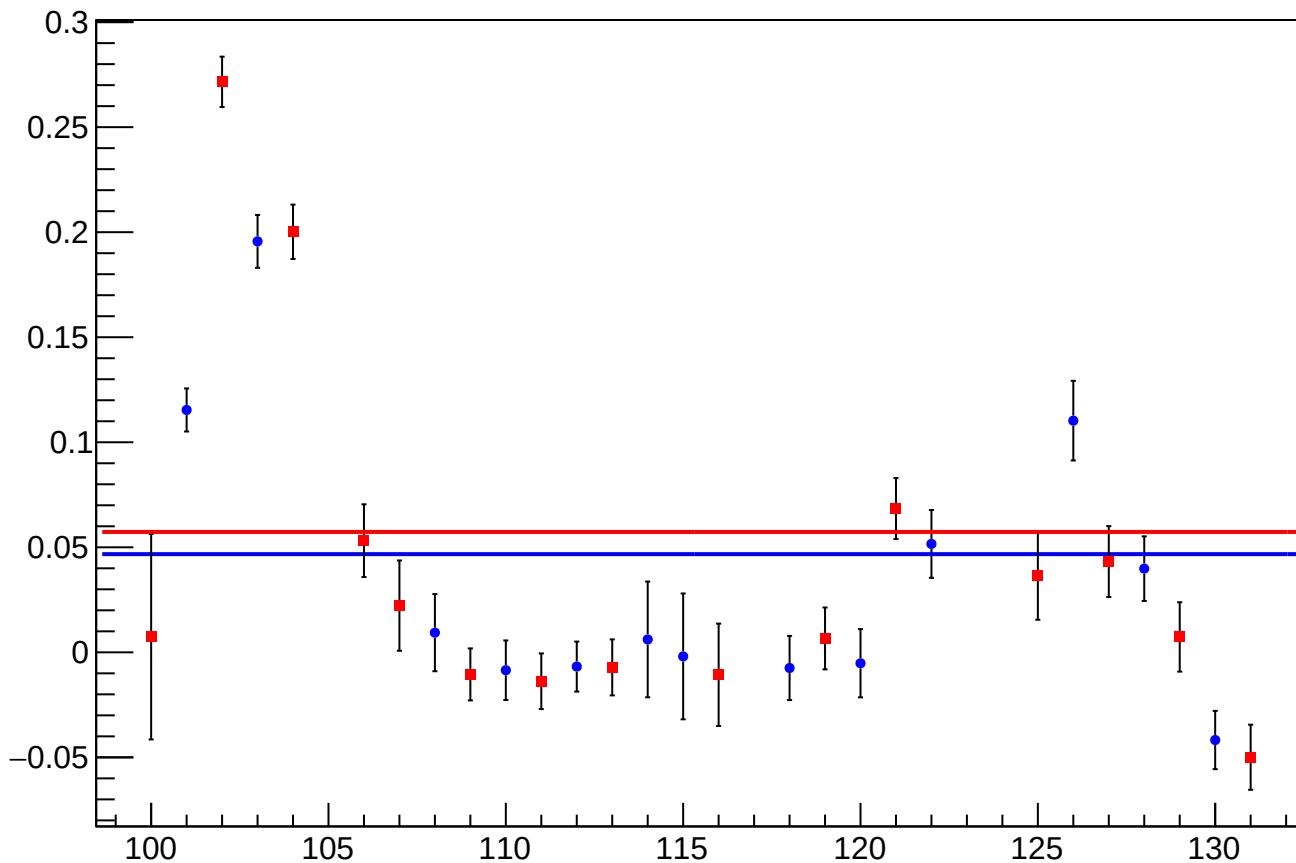
Right: -0.018+/-0.003 χ^2/NDF : 43.8/27

In: -0.023+/-0.004 χ^2/NDF : 25.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.003 χ^2/NDF : 43.8/27

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.004 χ^2 /NDF: 304.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.004 χ^2 /NDF: 605.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

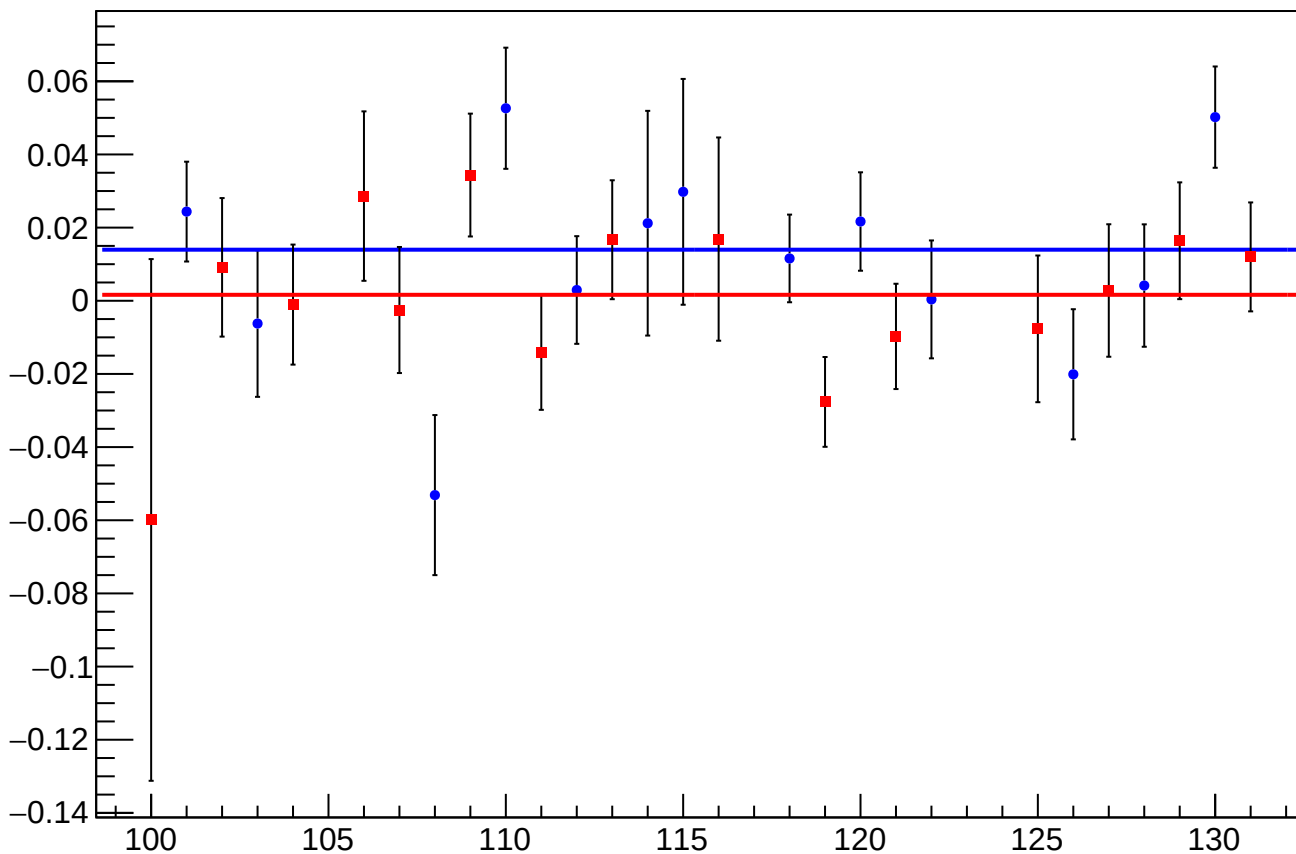
Right: 0.052 $\pm$ 0.003 χ^2 /NDF: 913.6/27

In: 0.047 $\pm$ 0.004 χ^2 /NDF:304.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.052 $\pm$ 0.003 χ^2 /NDF: 913.6/27

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.005 χ^2 /NDF: 29.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.004 χ^2 /NDF: 16.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

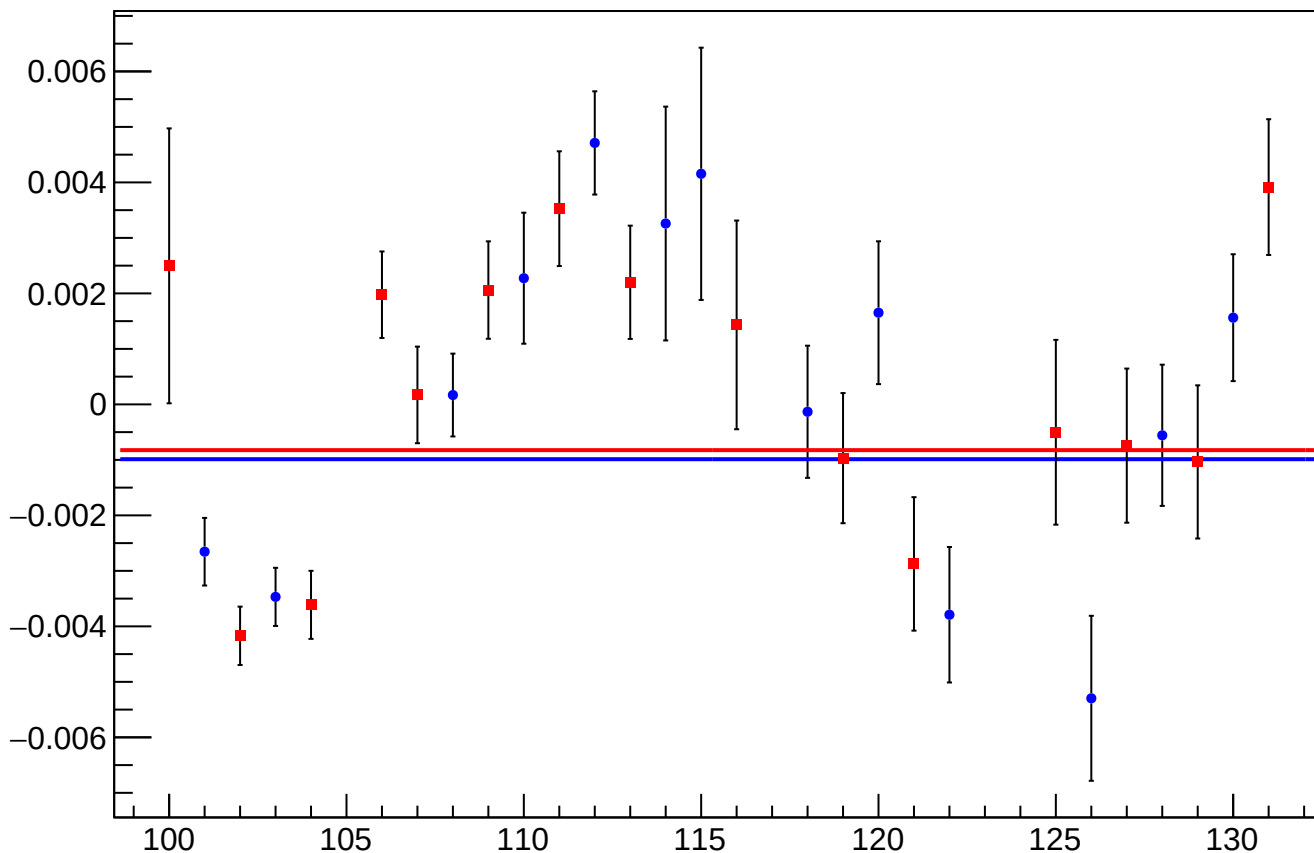
Right: 0.008 $\pm$ 0.003 χ^2 /NDF: 49.2/27

In: 0.014 $\pm$ 0.005 χ^2 /NDF:29.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.003 χ^2 /NDF: 49.2/27

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 110.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 133.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

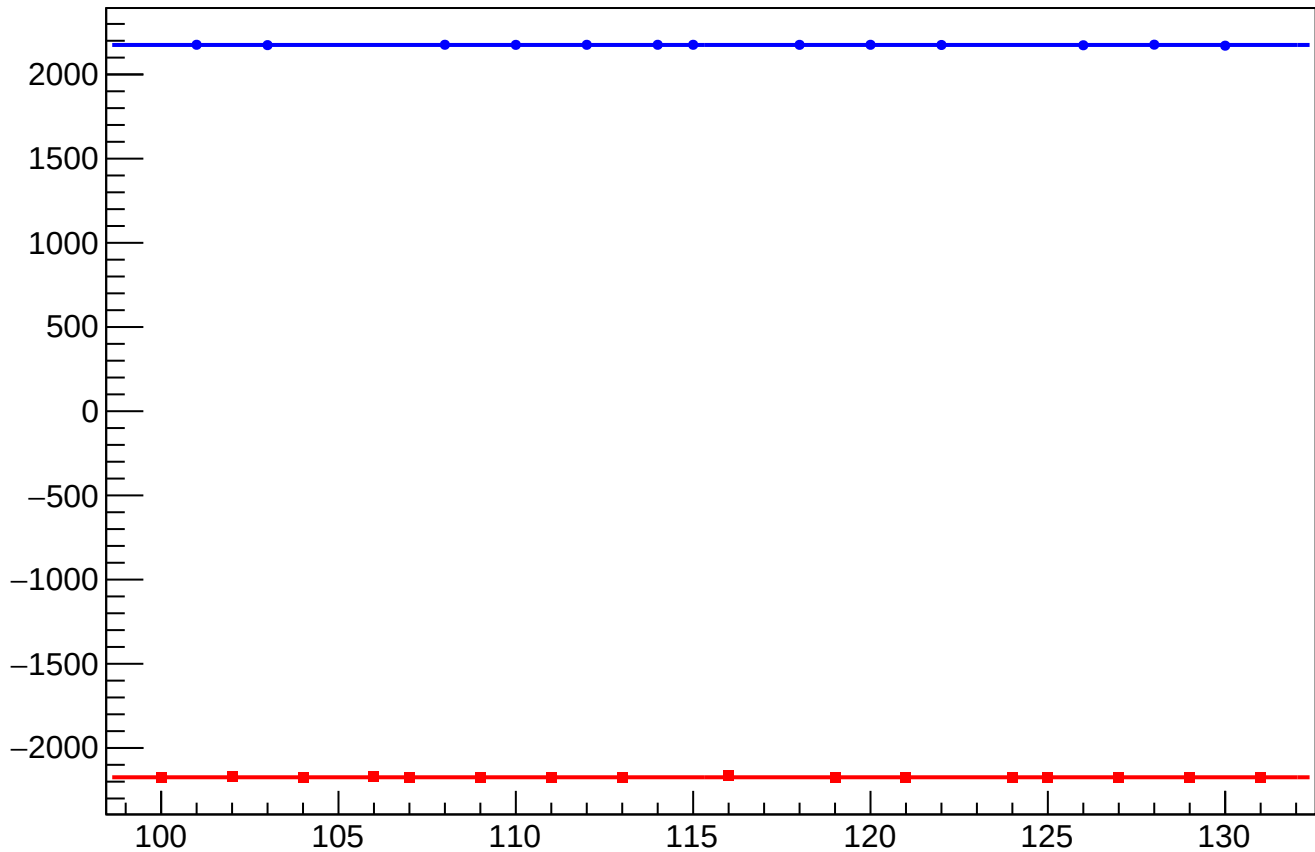
Right: -0.001+/-0.000 χ^2/NDF : 244.3/27

In: -0.001+/-0.000 χ^2/NDF : 110.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

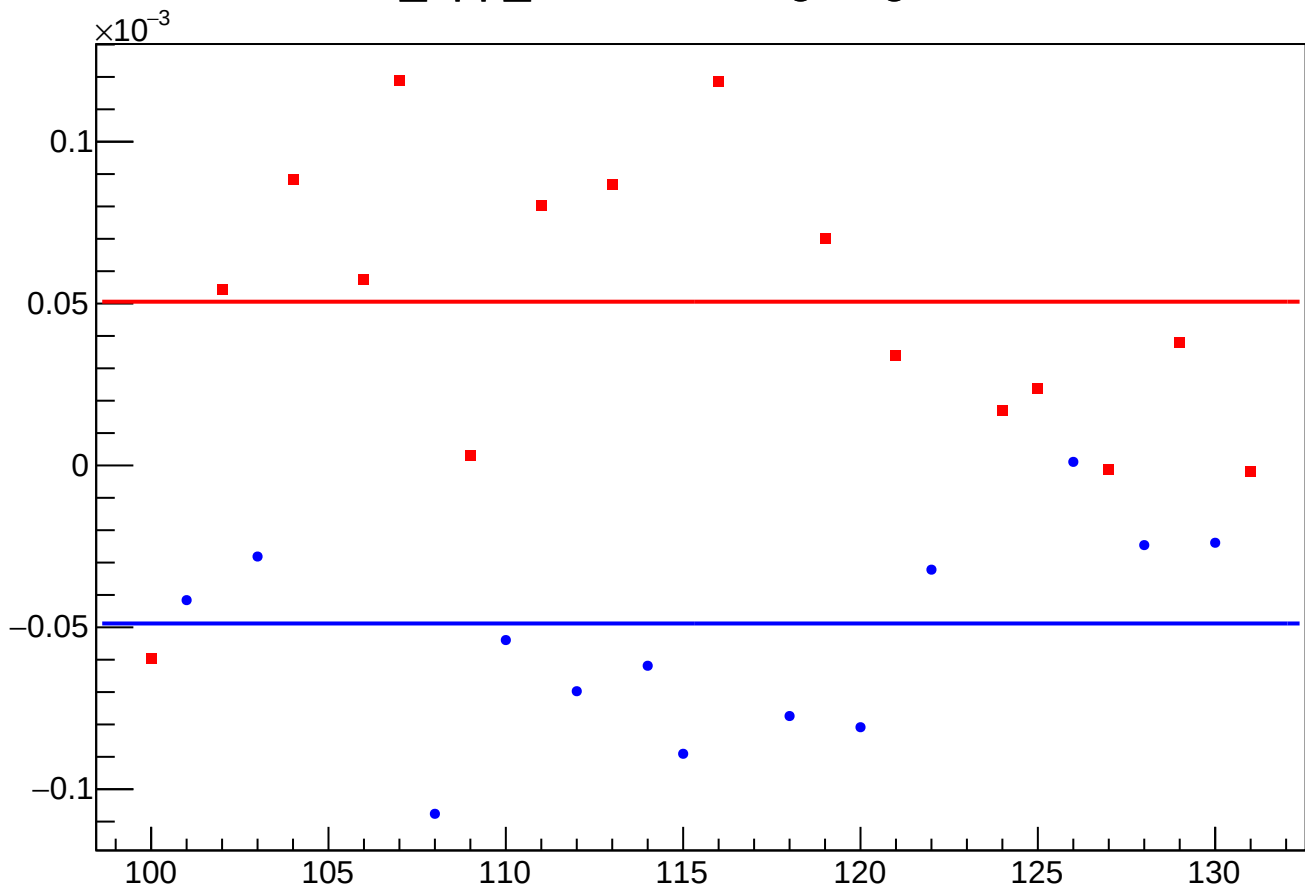
All: -0.001+/-0.000 χ^2/NDF : 244.3/27

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 2175.155+/-0.000 χ^2/NDF : 1650056545816131911090883025436672.0/12
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -133.880+/-0.000 χ^2/NDF : 57141122907465
In: 2175.155+/-0.000 χ^2/NDF : 1650056545816131911090883025436672.0/12
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -133.880+/-0.000 χ^2/NDF : 57141122907465

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 483066589934822778470400.0/12

Right: 0.000+/-0.000

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 941766469573503107465216.0/15

In: -0.000+/-0.000

χ^2/NDF : 483066589934822778

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

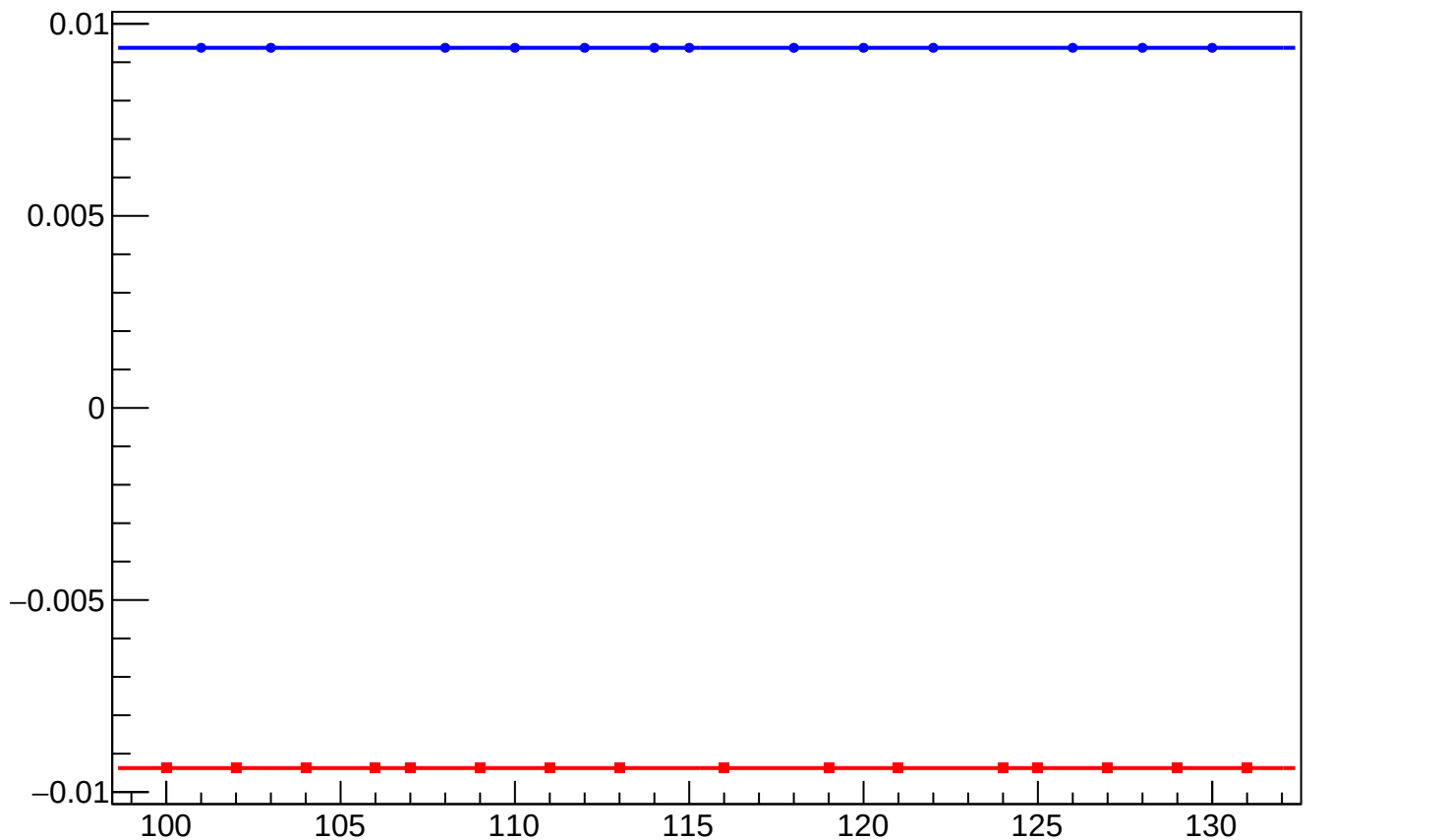
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 44089453482377

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

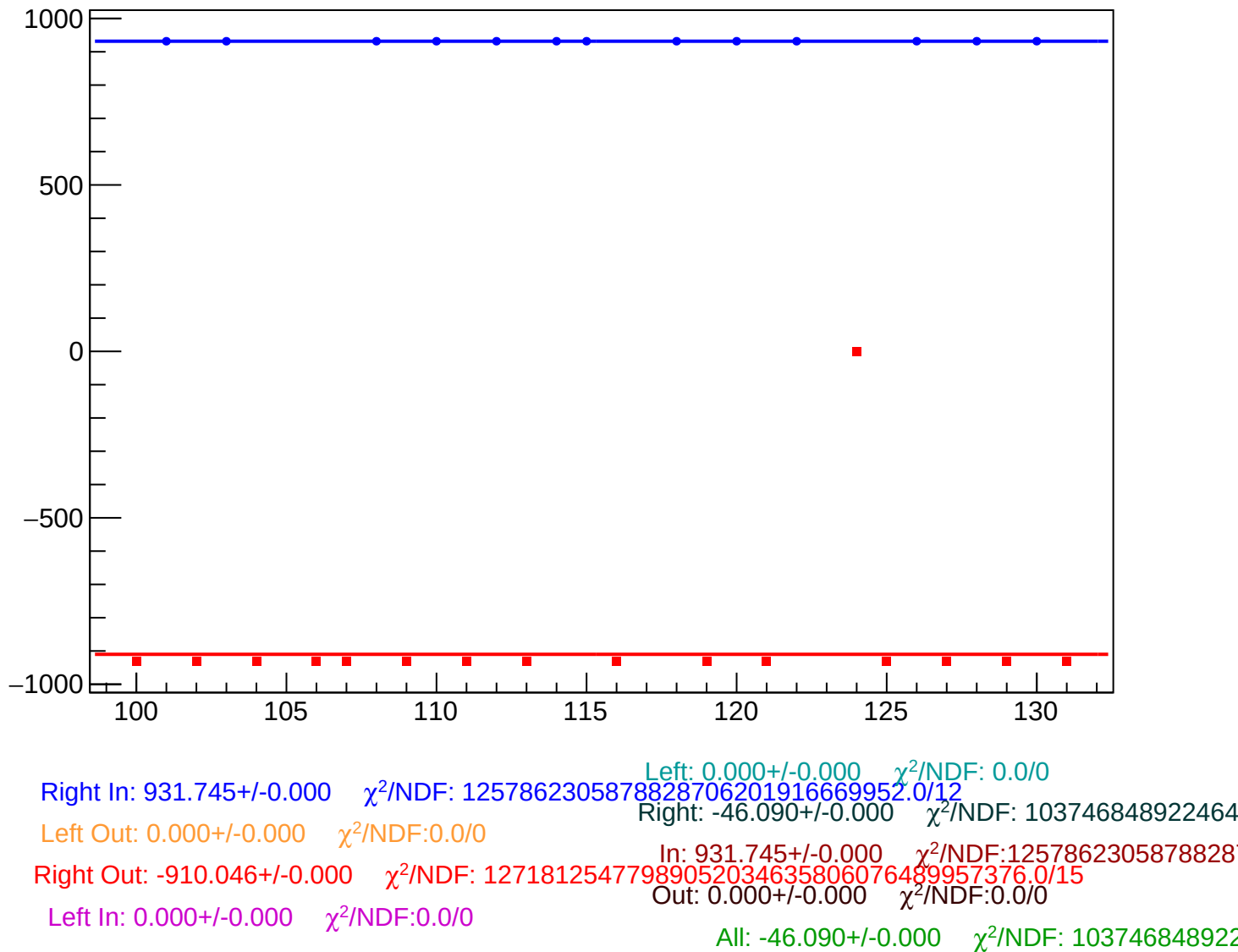
Right: -0.001+/-0.000 χ^2/NDF : 1062037561830172

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

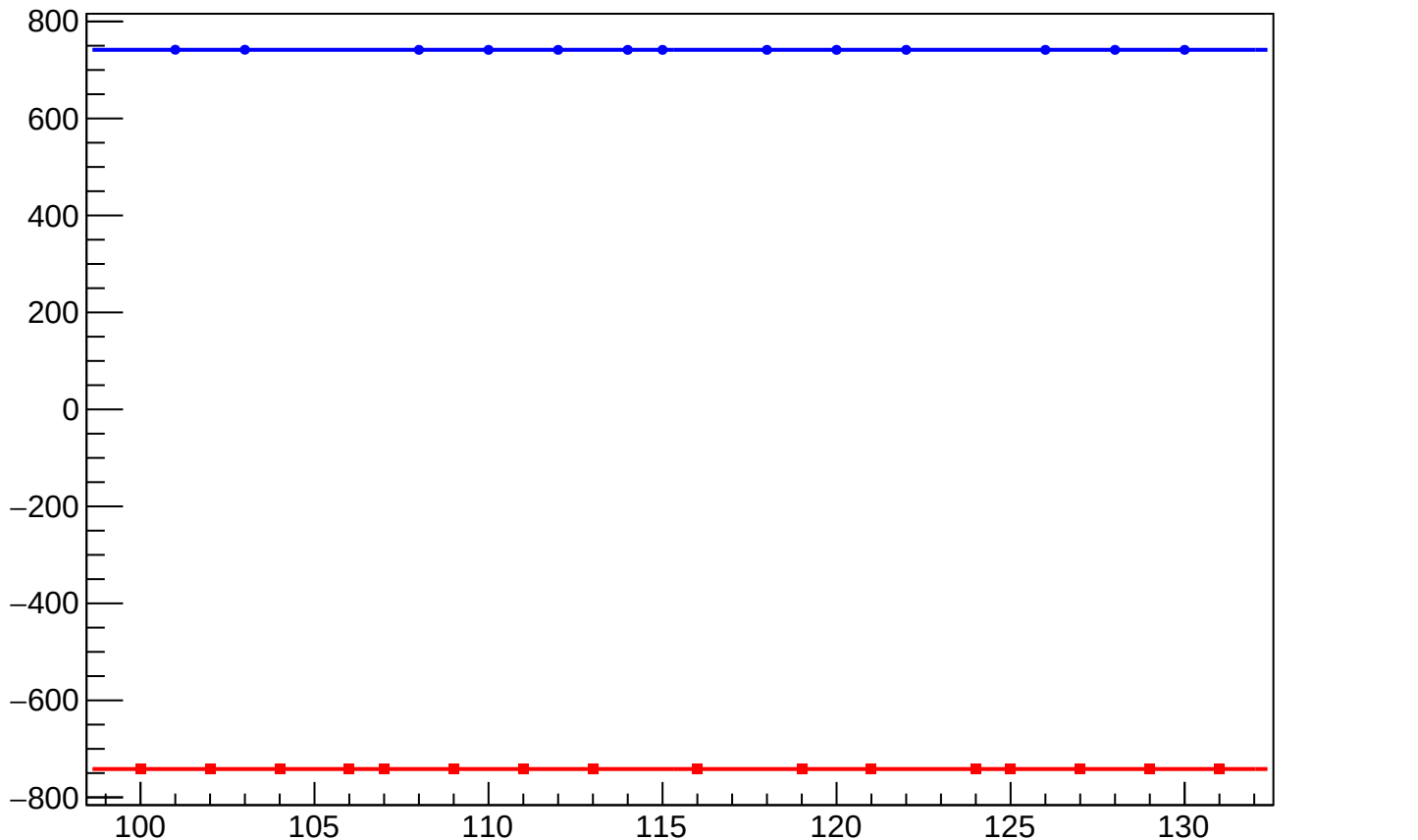
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1062037561830

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected

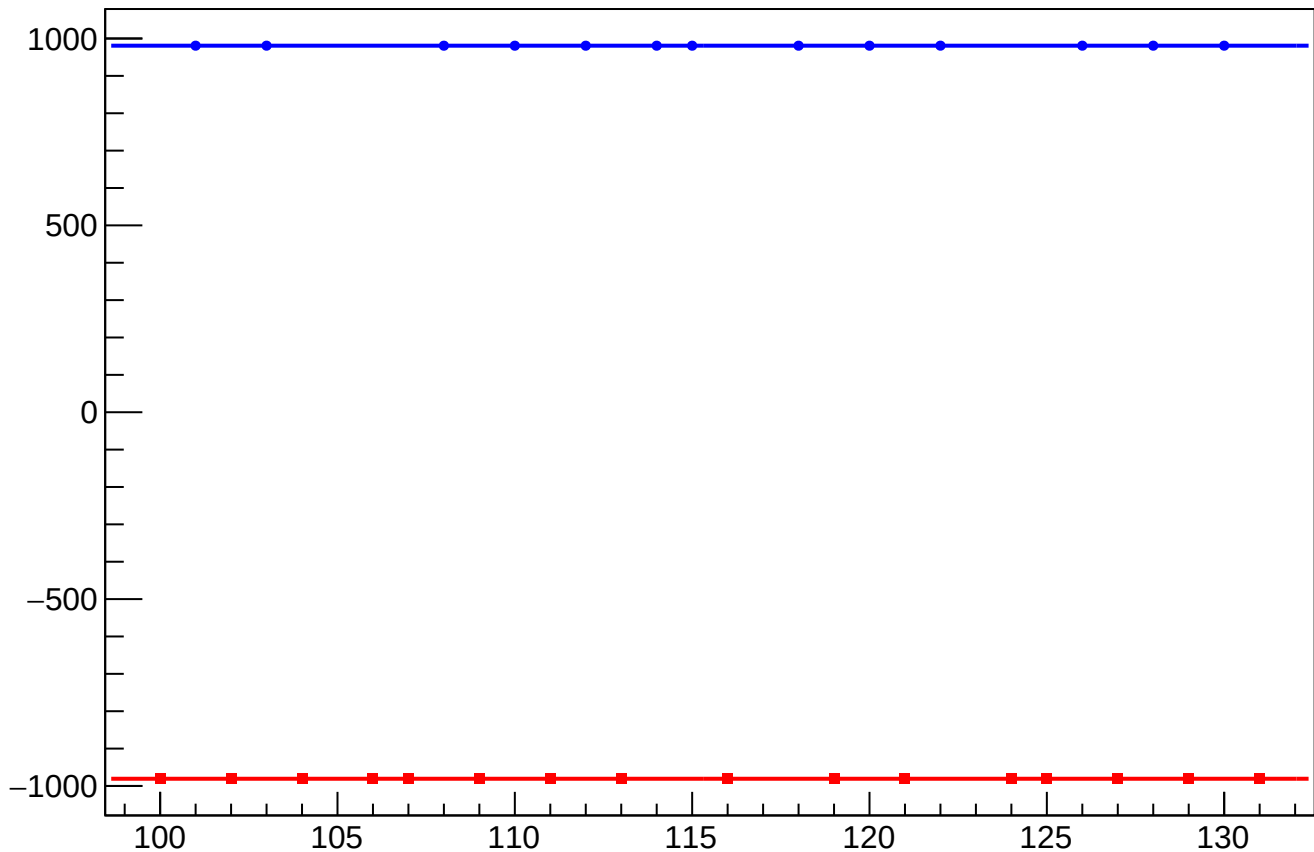


HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



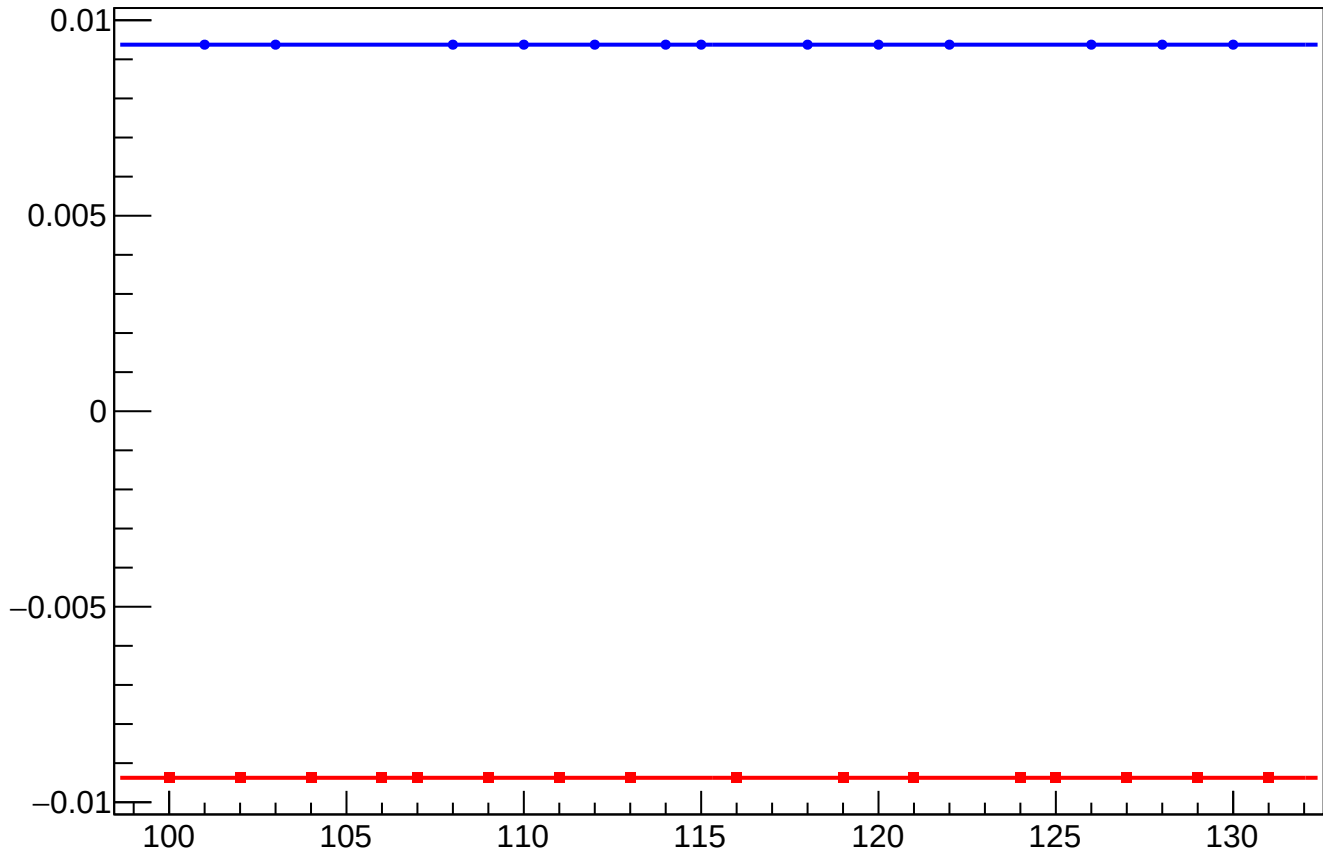
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 741.580+/-0.000 χ^2/NDF : 6098220586764361468726145449984.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -45.855+/-0.000 χ^2/NDF : 664533370455138
 In: 741.580+/-0.000 χ^2/NDF : 6098220586764361468726145449984.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -45.855+/-0.000 χ^2/NDF : 664533370455

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.795+/-0.000 χ^2/NDF : 521708003771899236099467247616.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.711+/-0.000 χ^2/NDF : 55112982089204293771413866676224.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -60.598+/-0.000 χ^2/NDF : 116229545130373.0/12

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

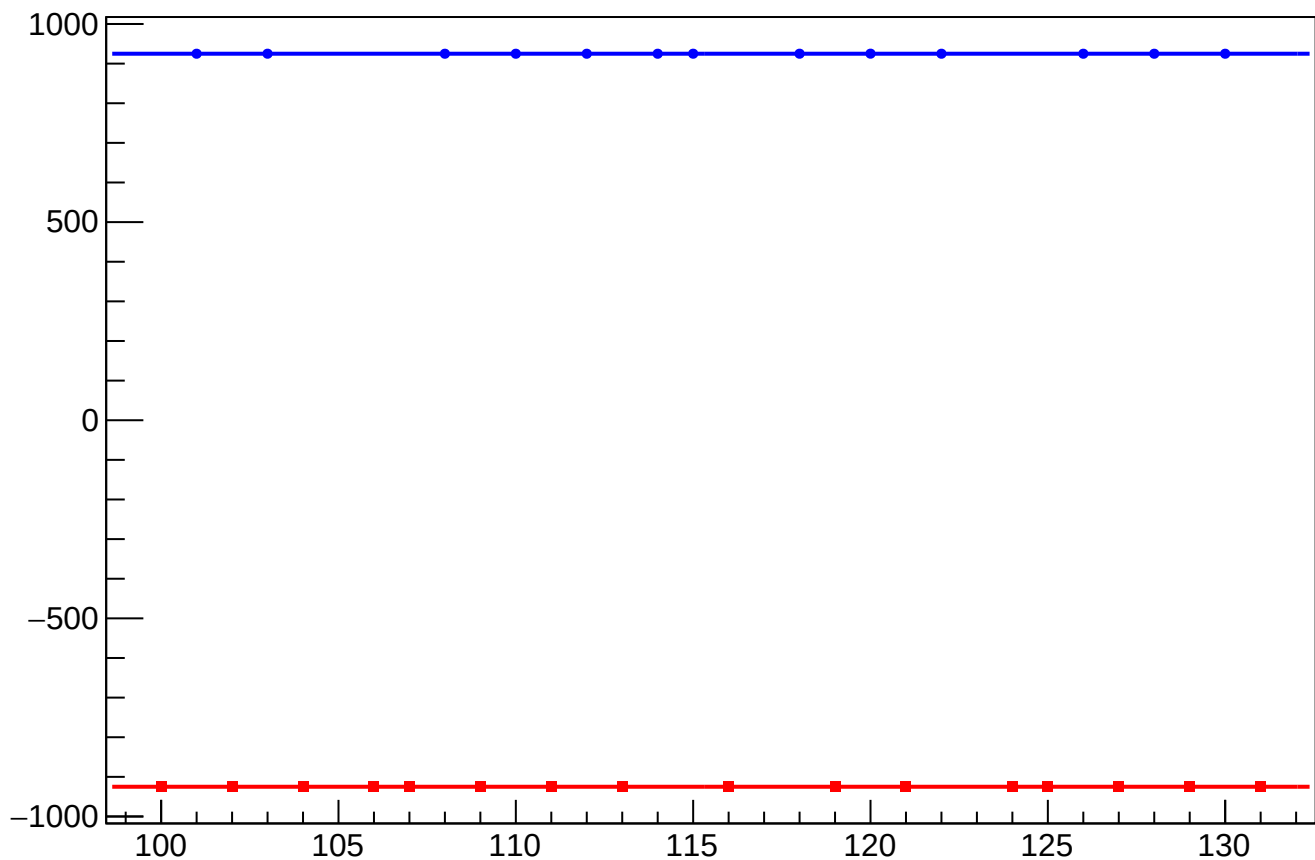
Right: -0.001+/-0.000 χ^2/NDF : 1062037561830172

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

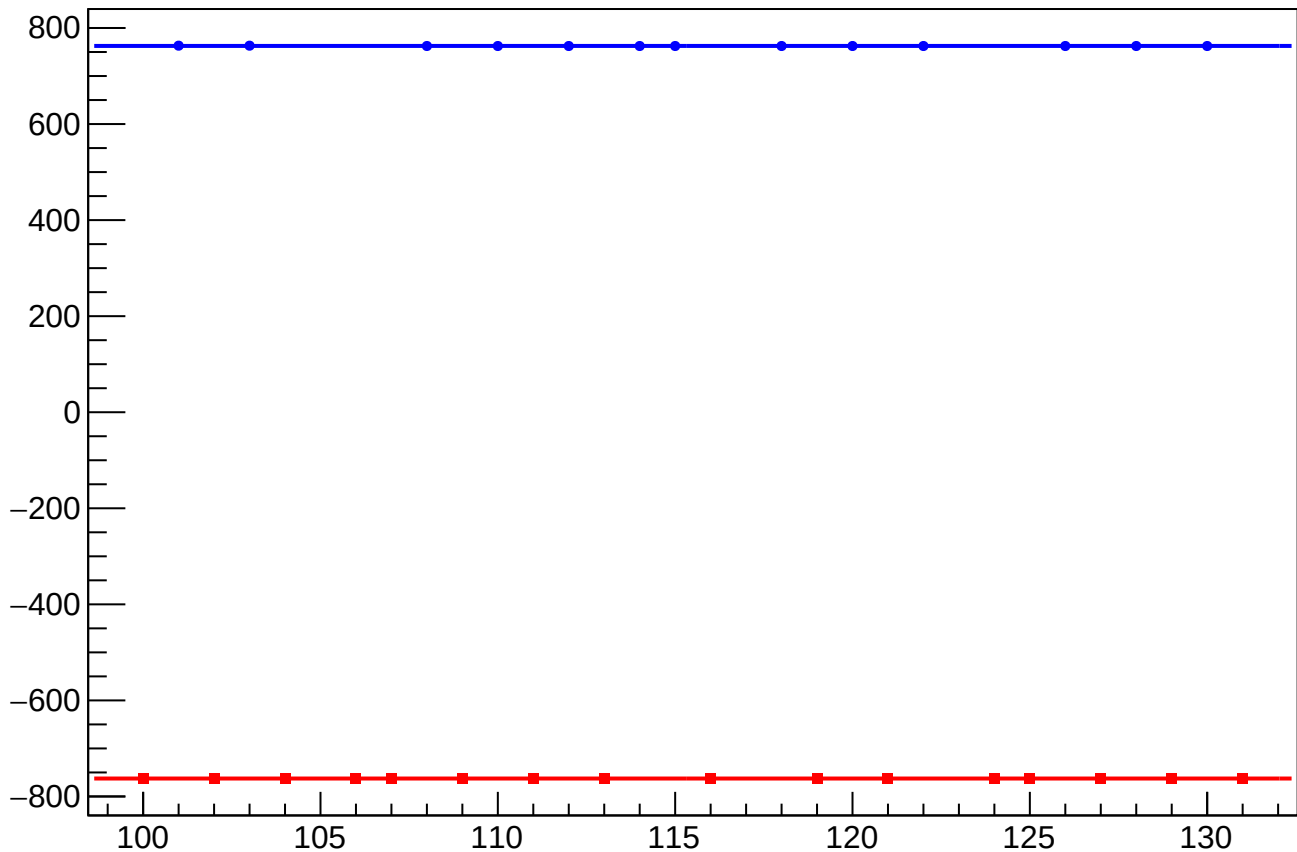
All: -0.001+/-0.000 χ^2/NDF : 1062037561830

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



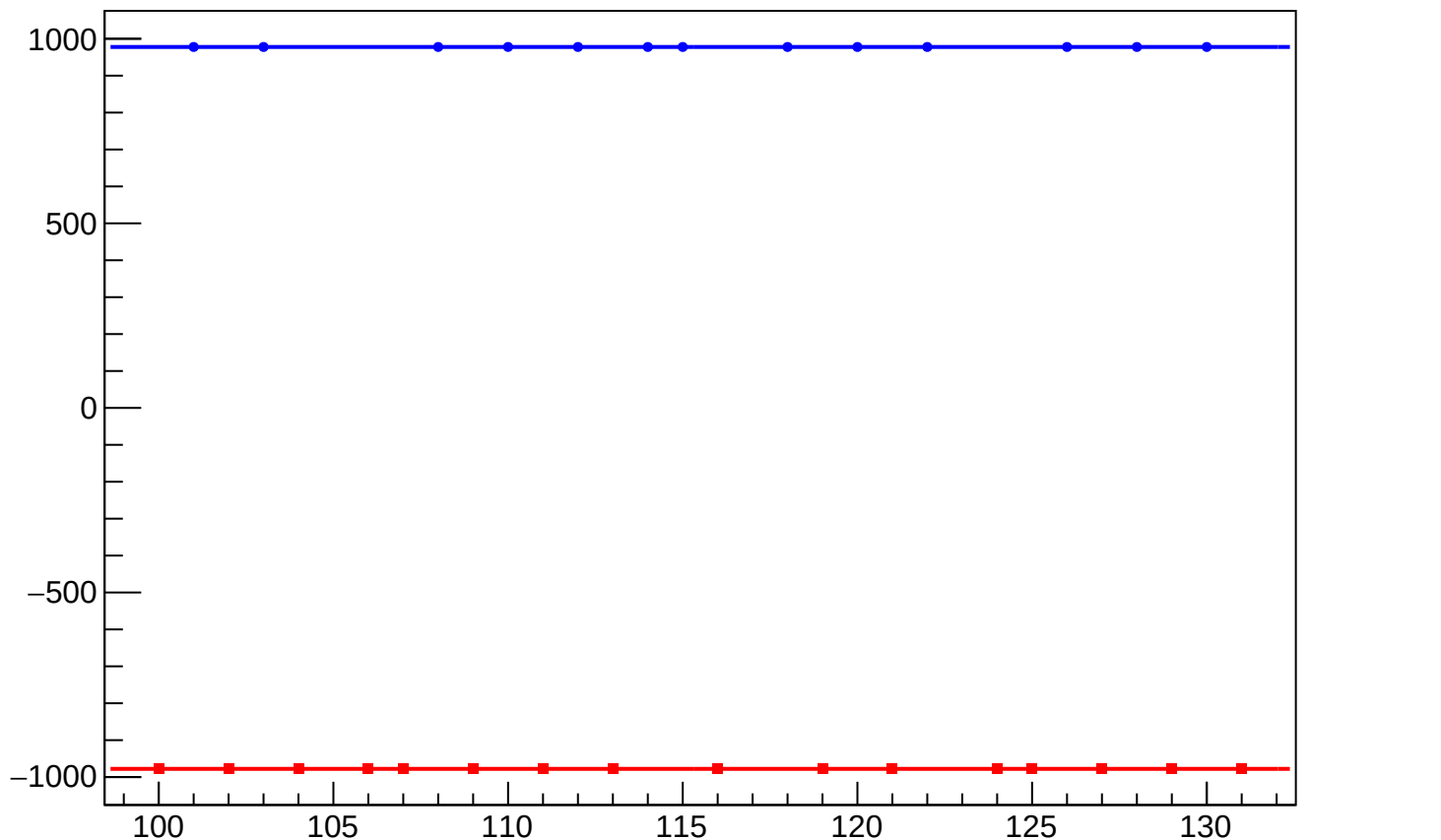
Right In: 924.976+/-0.000 χ^2/NDF : 988962055989349968405497643008.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.975+/-0.000 χ^2/NDF : 1188626131894985114745204375552.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -57.191+/-0.000 χ^2/NDF : 103385093761443

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



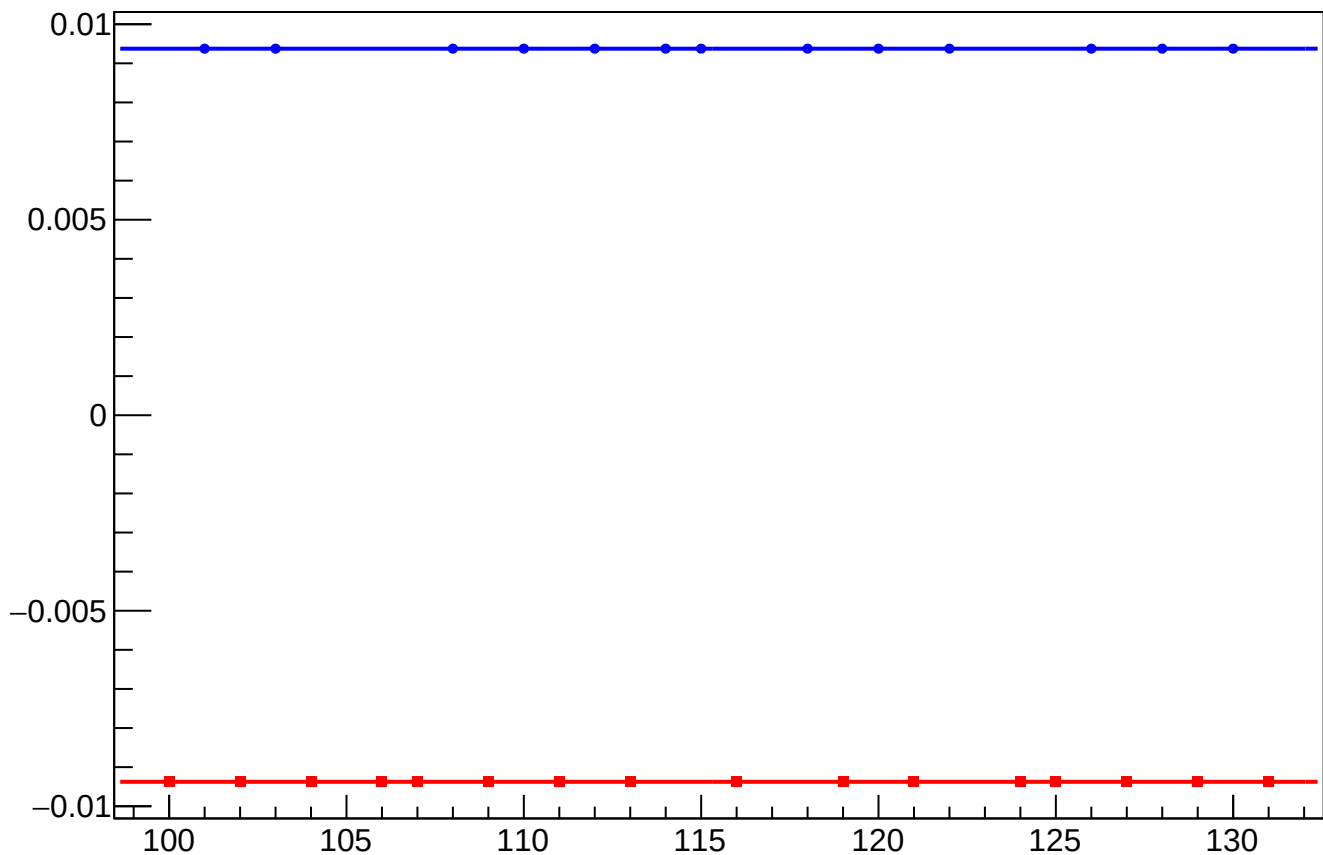
Right In: 762.655+/-0.000 χ^2/NDF : 46832660780038674290650923401216.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.640+/-0.000 χ^2/NDF : 51171586039440178556046023852032.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -47.147+/-0.000 χ^2/NDF : 702821030168891

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.752+/-0.000 χ^2/NDF : 296670407666735088059203715072.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.752+/-0.000 χ^2/NDF : 871030923770062799872098041856.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -60.455+/-0.000 χ^2/NDF : 115519403701335

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

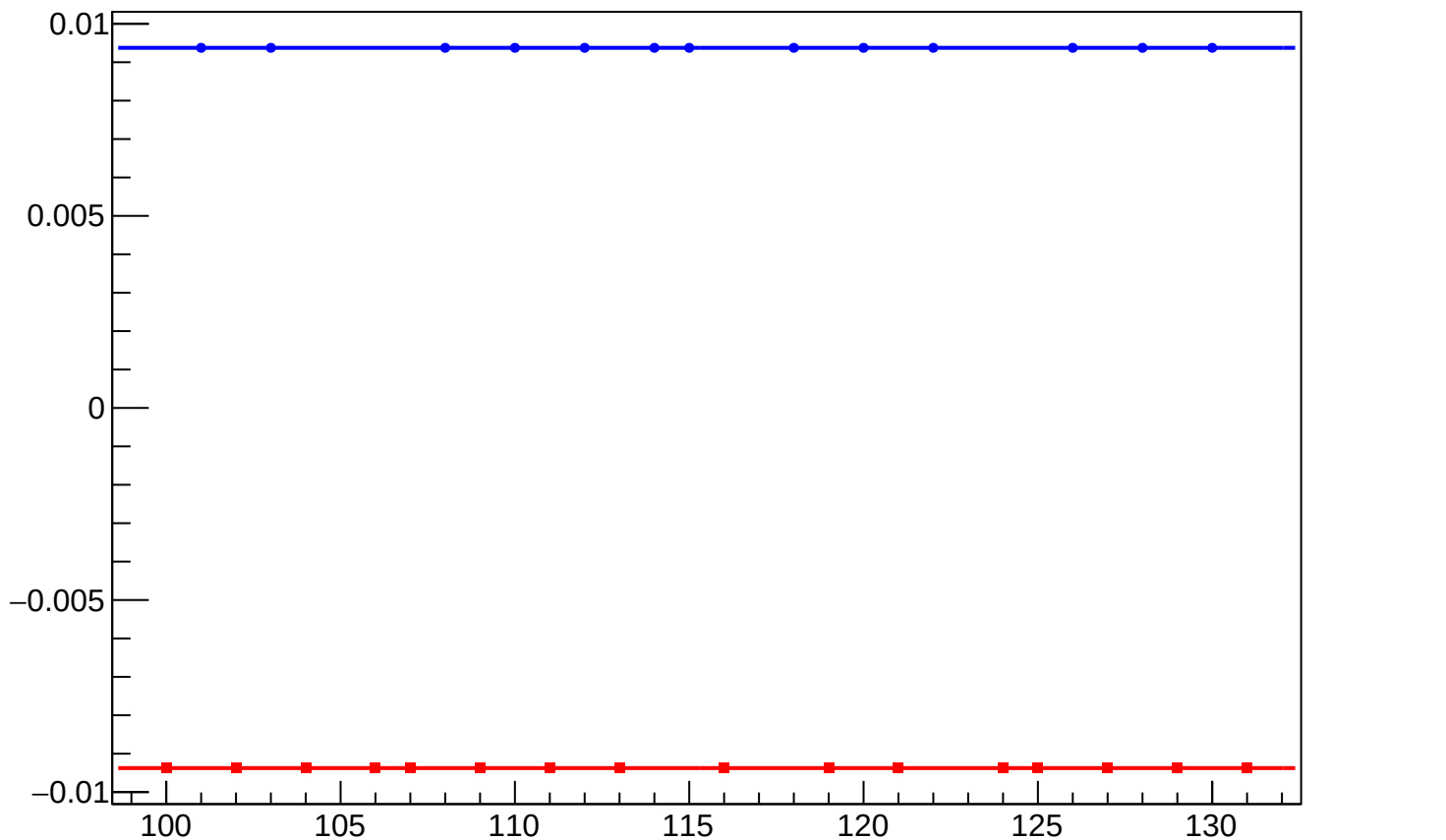
Right: -0.001+/-0.000 χ^2/NDF : 1062037561830172

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1062037561830

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

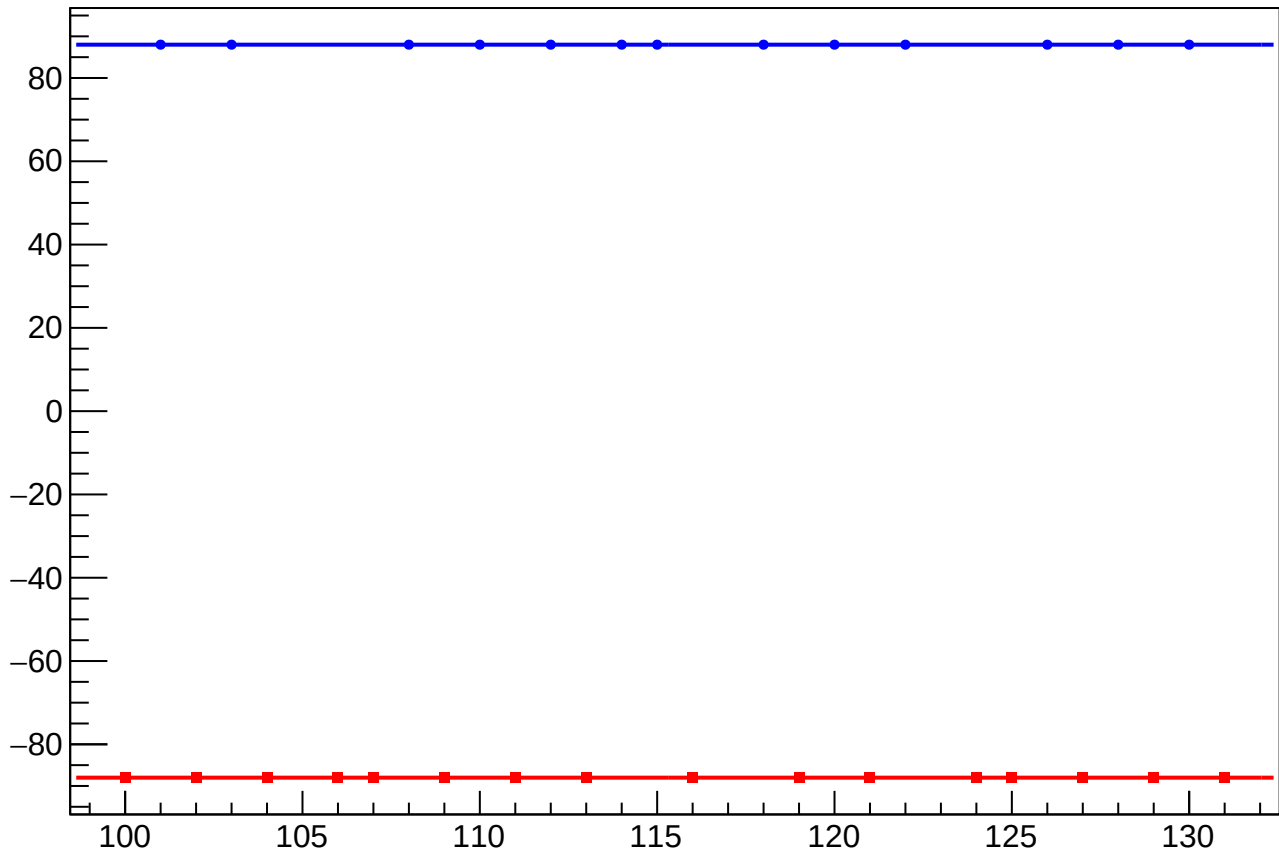
Right: -0.001+/-0.000 χ^2/NDF : 1062037561830172

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1062037561830

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1284189.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.004+/-0.000 χ^2/NDF : 1284189.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

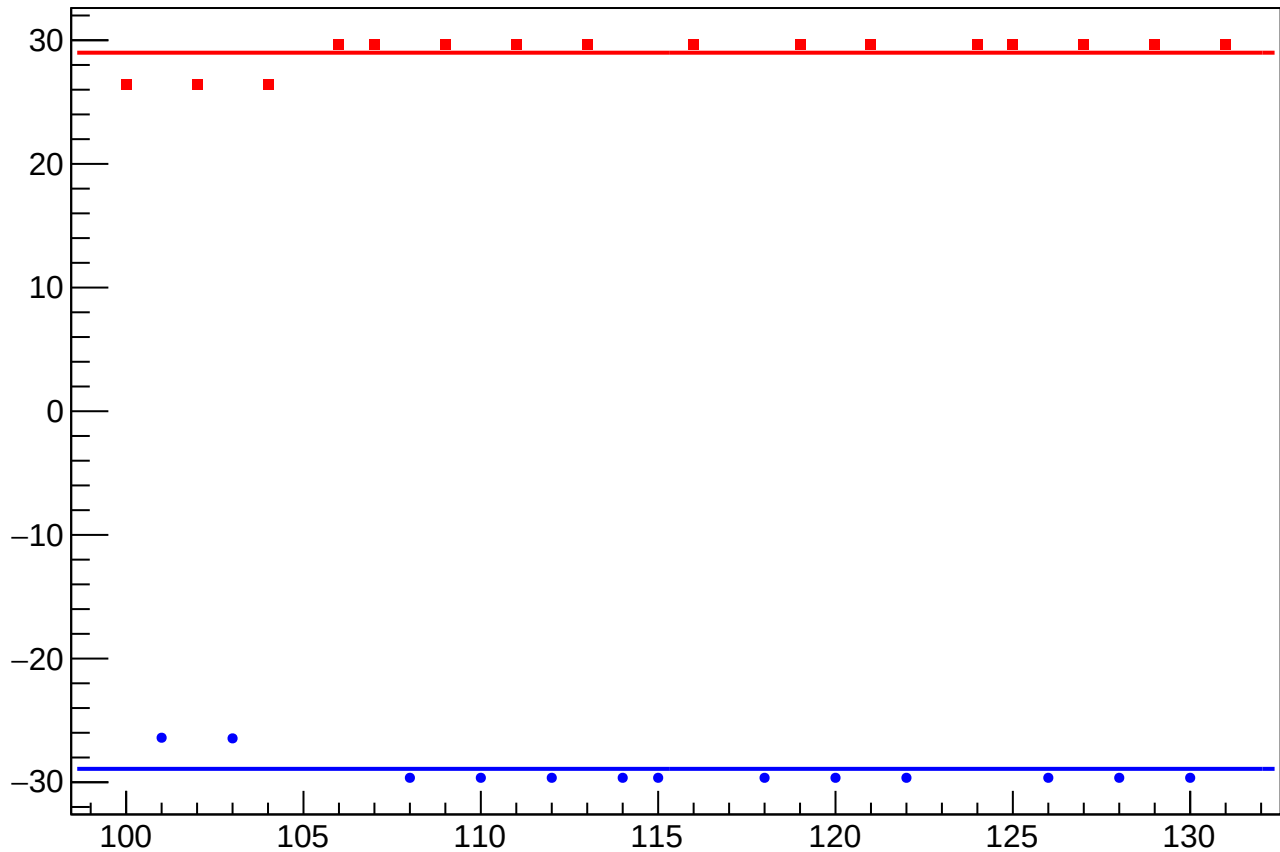
Right: -5.443+/-0.000 χ^2/NDF : 9358051265668028

In: 88.001+/-0.000 χ^2/NDF : 1284189.8/12

Out: -88.004+/-0.000 χ^2/NDF : 1284189.8/12

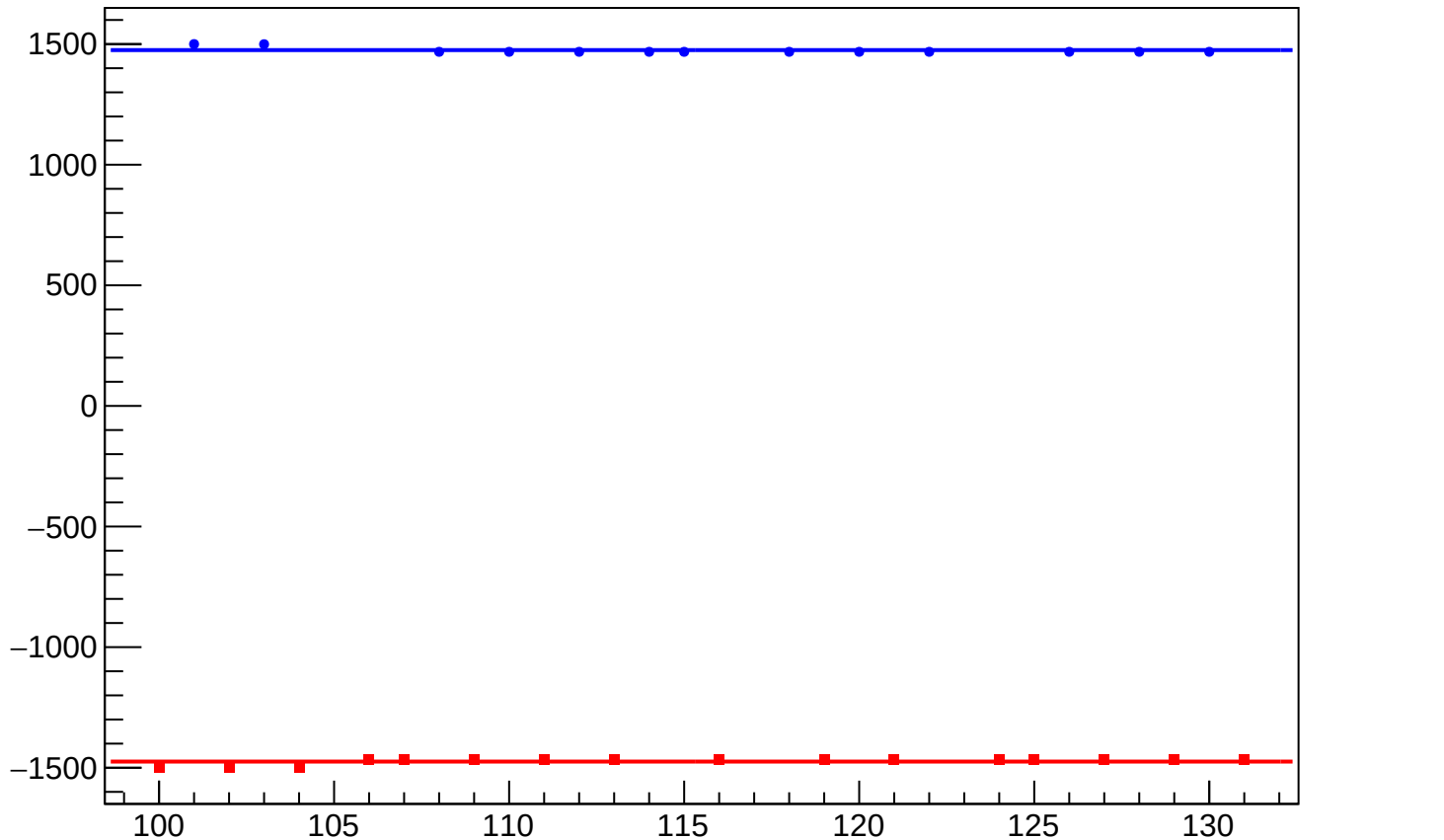
All: -5.443+/-0.000 χ^2/NDF : 9358051265668028

HWienAngle_mean vs Slug, Sign Corrected



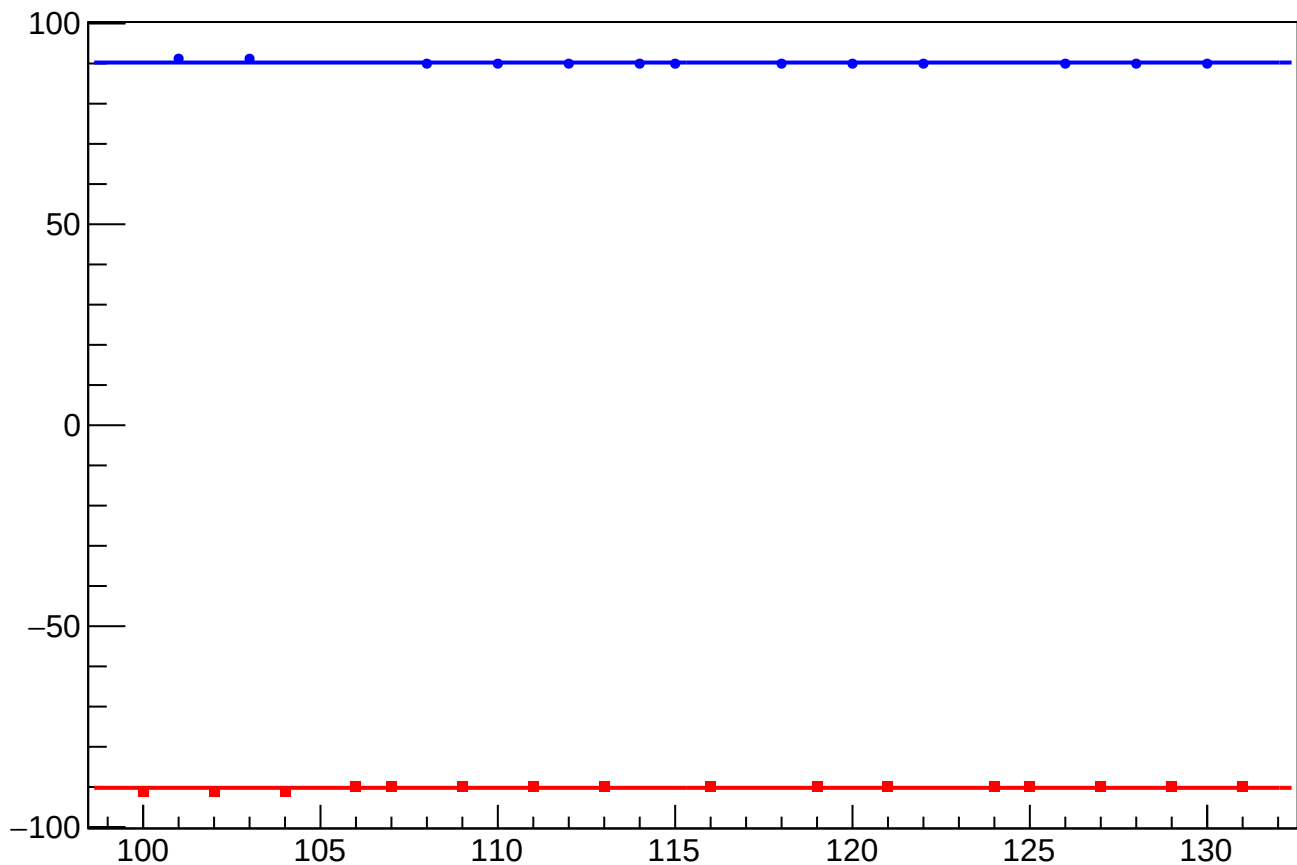
Right In: -28.918 ± 0.000 $\chi^2/\text{NDF}: 1025296934371099365348424078589952.0/12$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 28.992 ± 0.000 $\chi^2/\text{NDF}: 1082931763975175968714568971059200.0/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 1.827 ± 0.000 $\chi^2/\text{NDF}: 10151632007434735$

psub_pl_pos_mean vs Slug, Sign Corrected



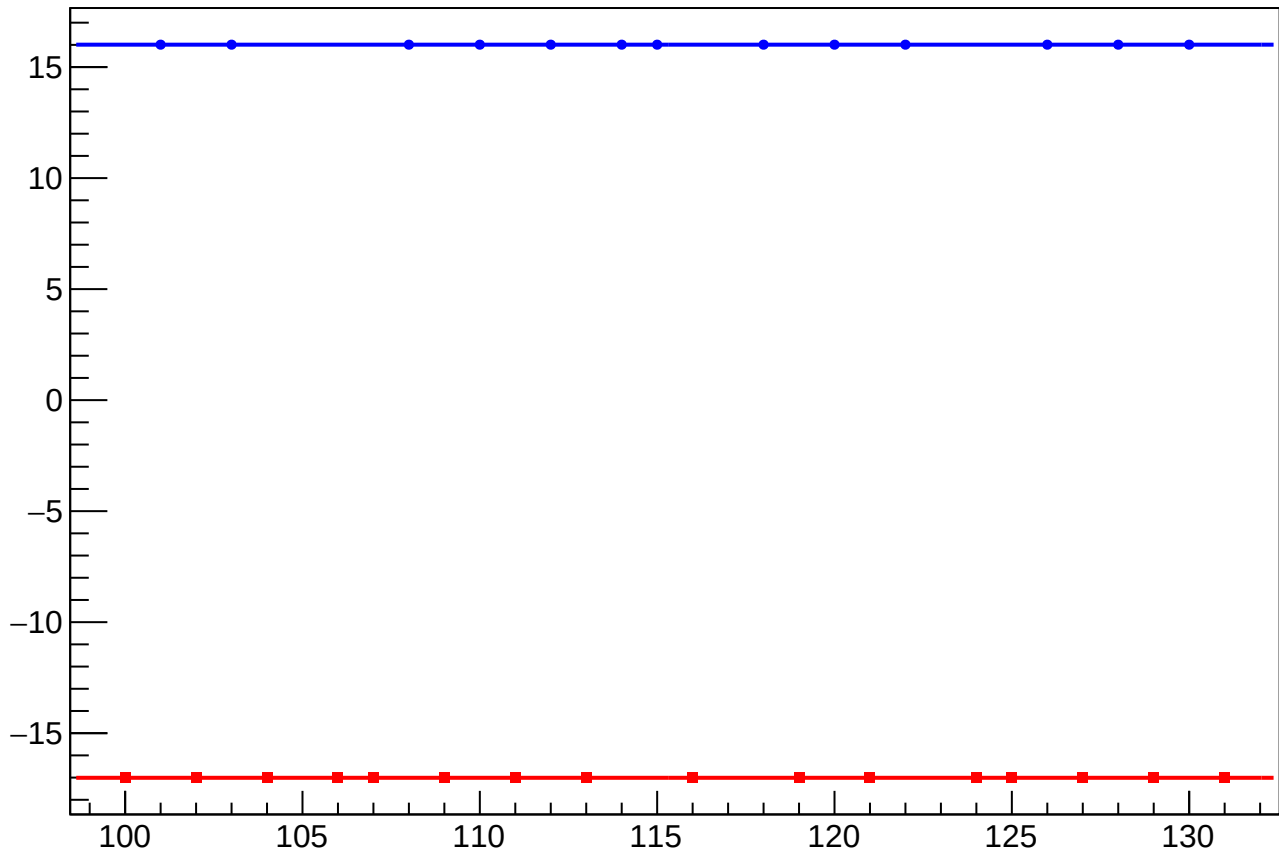
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 1475.126+/-0.000 χ^2/NDF : 100147575390106291073735034000113664.0/12
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -90.818+/-0.000 χ^2/NDF : 262829456838823
In: 1475.126+/-0.000 χ^2/NDF : 1001475753901062
Right Out: -1474.394+/-0.000 χ^2/NDF : 105777152783130989067144322552430592.0/15
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -90.818+/-0.000 χ^2/NDF : 262829456838

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.236 $\pm$ 0.000 χ^2 /NDF: 150176856261350868983560984854528.0/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -90.208 $\pm$ 0.000 χ^2 /NDF: 158618720496910510340603809628160.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -5.564 $\pm$ 0.000 χ^2 /NDF: 9836364903889023

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 40629.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 13443181355174885618352128.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

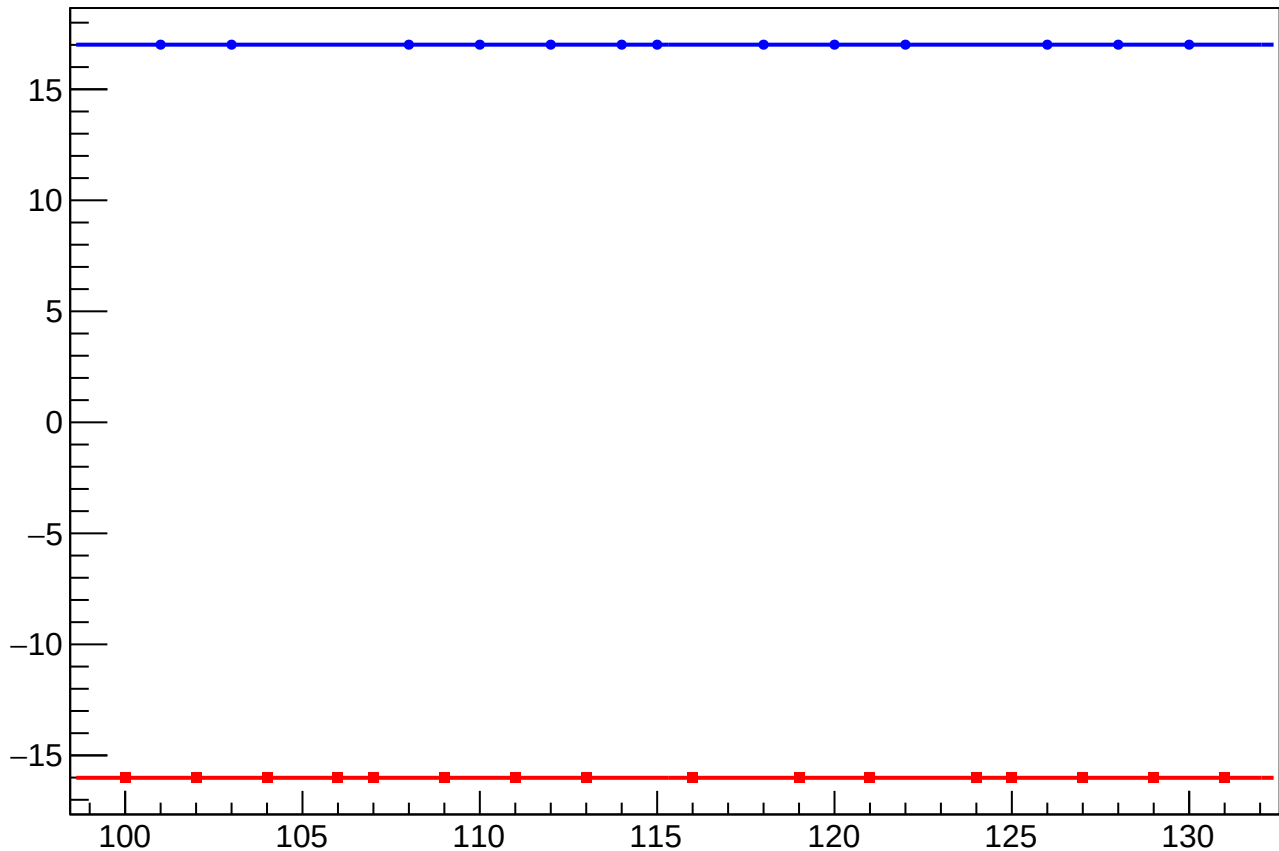
Right: -0.746+/-0.000 χ^2/NDF : 3114648740325259

In: 16.009+/-0.000 χ^2/NDF : 40629.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.746+/-0.000 χ^2/NDF : 3114648740325

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 39354.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 43191.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

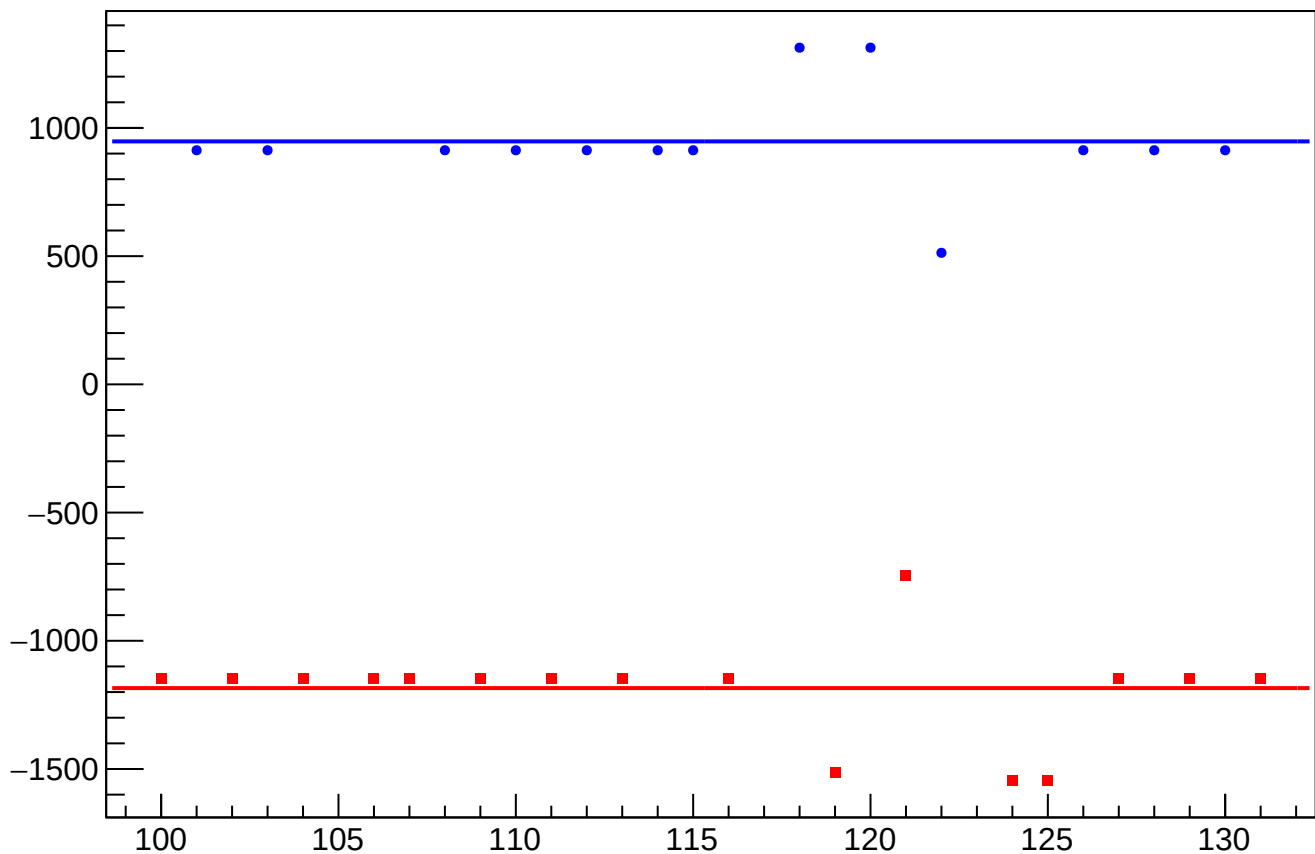
Right: -0.975+/-0.000 χ^2/NDF : 3176999492553193

In: 17.009+/-0.000 χ^2/NDF : 39354.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

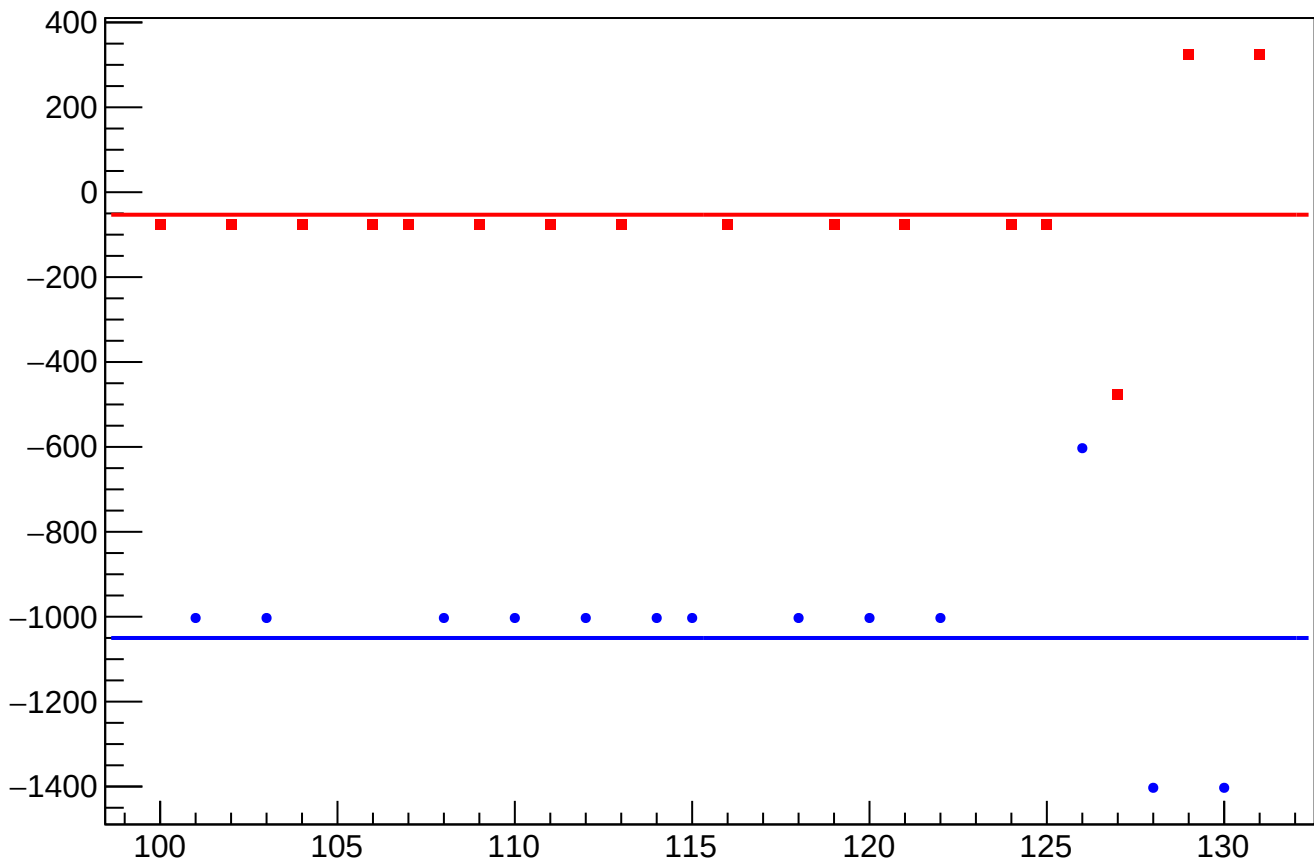
All: -0.975+/-0.000 χ^2/NDF : 3176999492553

RTPAPOSUCNT_mean vs Slug, Sign Corrected



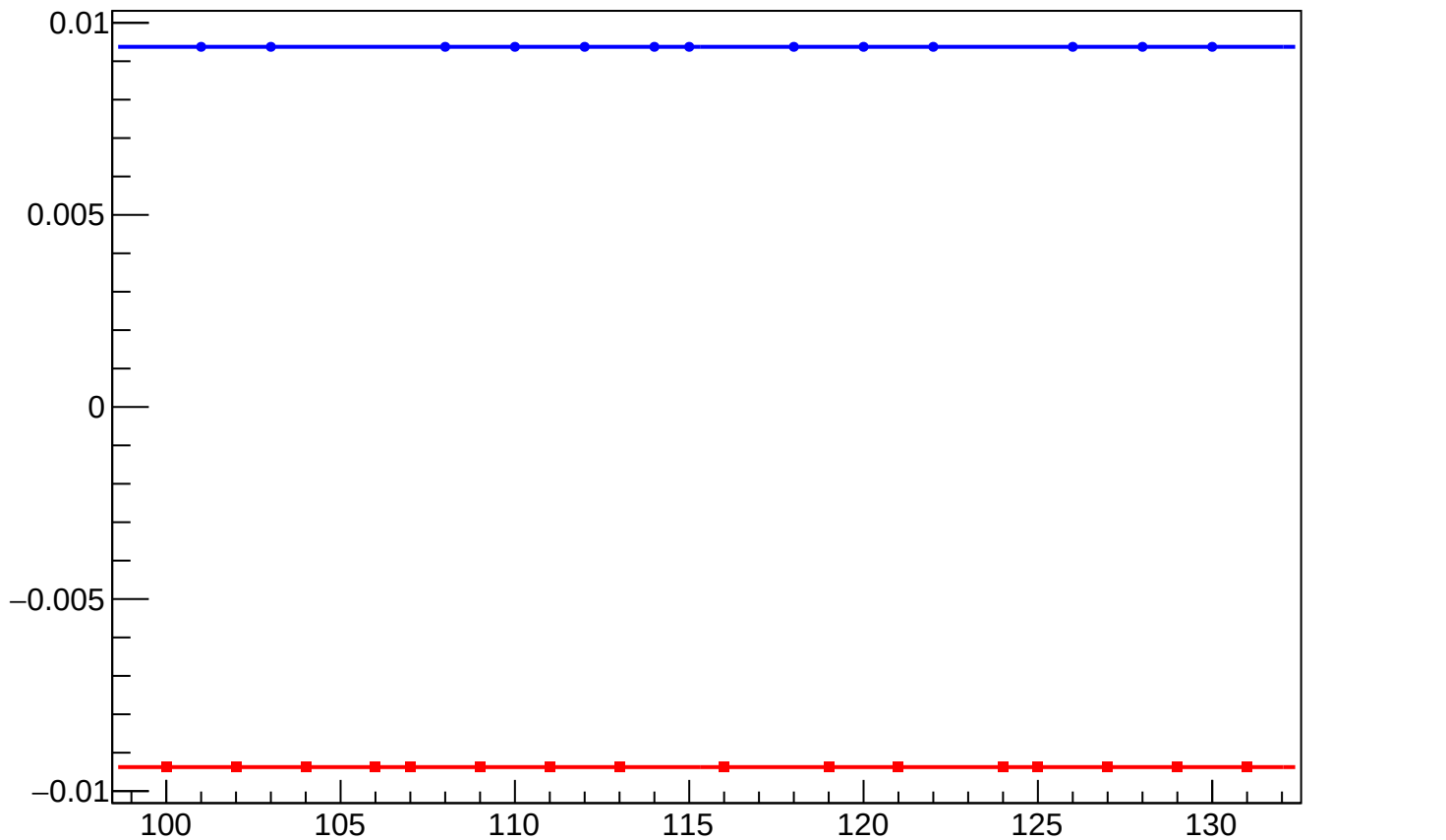
Right In: 947.442+/-0.000 χ^2/NDF : 20926193806244445671677759729782751232.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1184.519+/-0.000 χ^2/NDF : 21991334565814597721130234875679342592.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -184.448+/-0.000 χ^2/NDF : 14159975444867

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1050.089+/-0.000 χ^2/NDF : 22577391986943196865330337125635194880.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -520.734+/-0.000 χ^2/NDF : 34319476937324
 In: -1050.089+/-0.000 χ^2/NDF : 225773919869431
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -520.734+/-0.000 χ^2/NDF : 34319476937

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

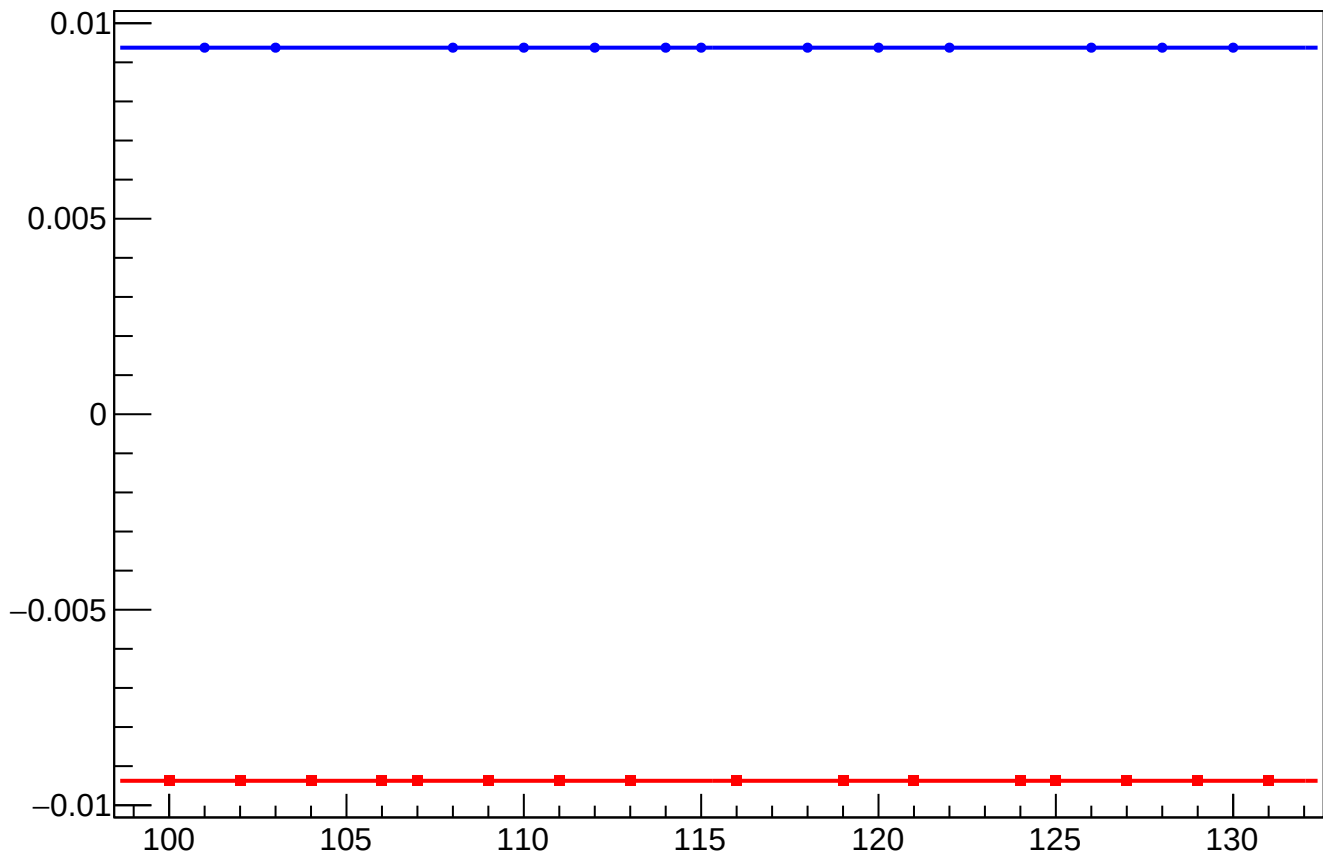
Right: -0.001+/-0.000 χ^2/NDF : 1062037561830172

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1062037561830

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.001+/-0.000 χ^2/NDF : 1062037561830172

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1062037561830