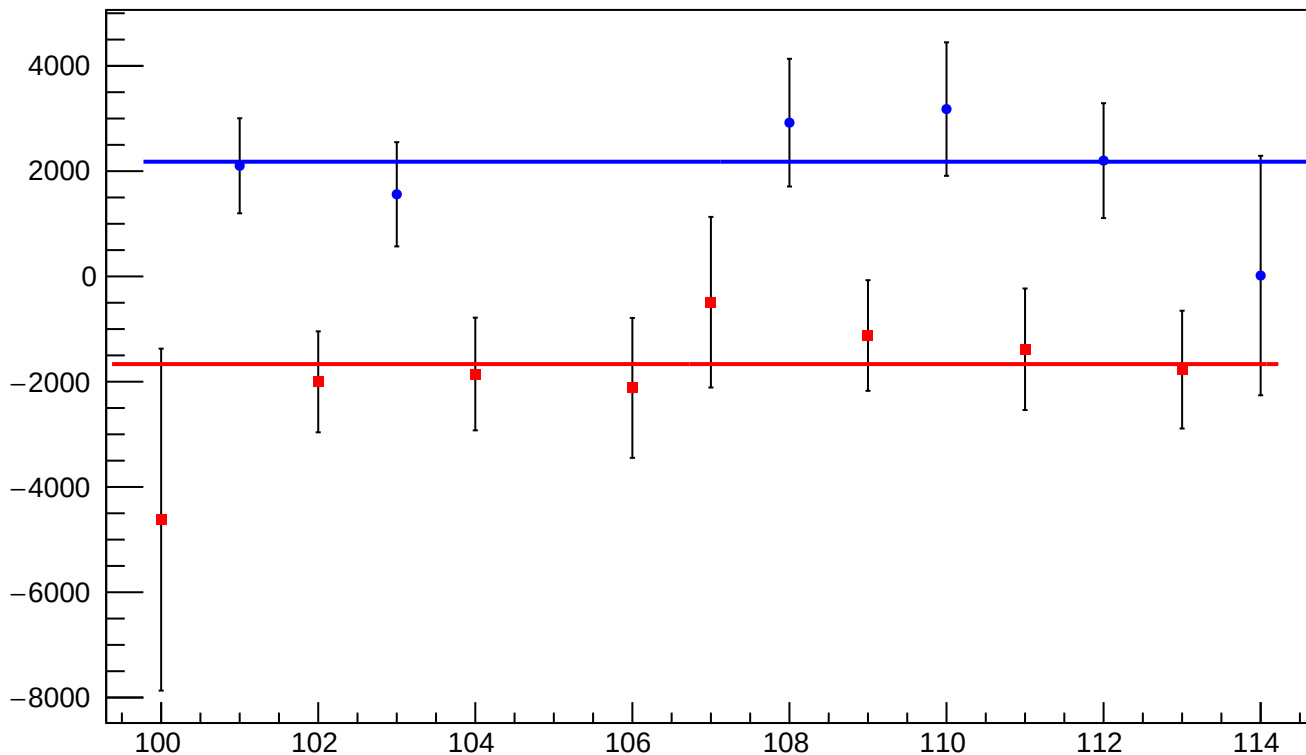


reg_asym_us_avg_mean vs Slug



Right In: 2179.364+/-467.203

χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1665.455+/-428.150

χ^2/NDF : 2.0/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000

χ^2/NDF : 0.0/0

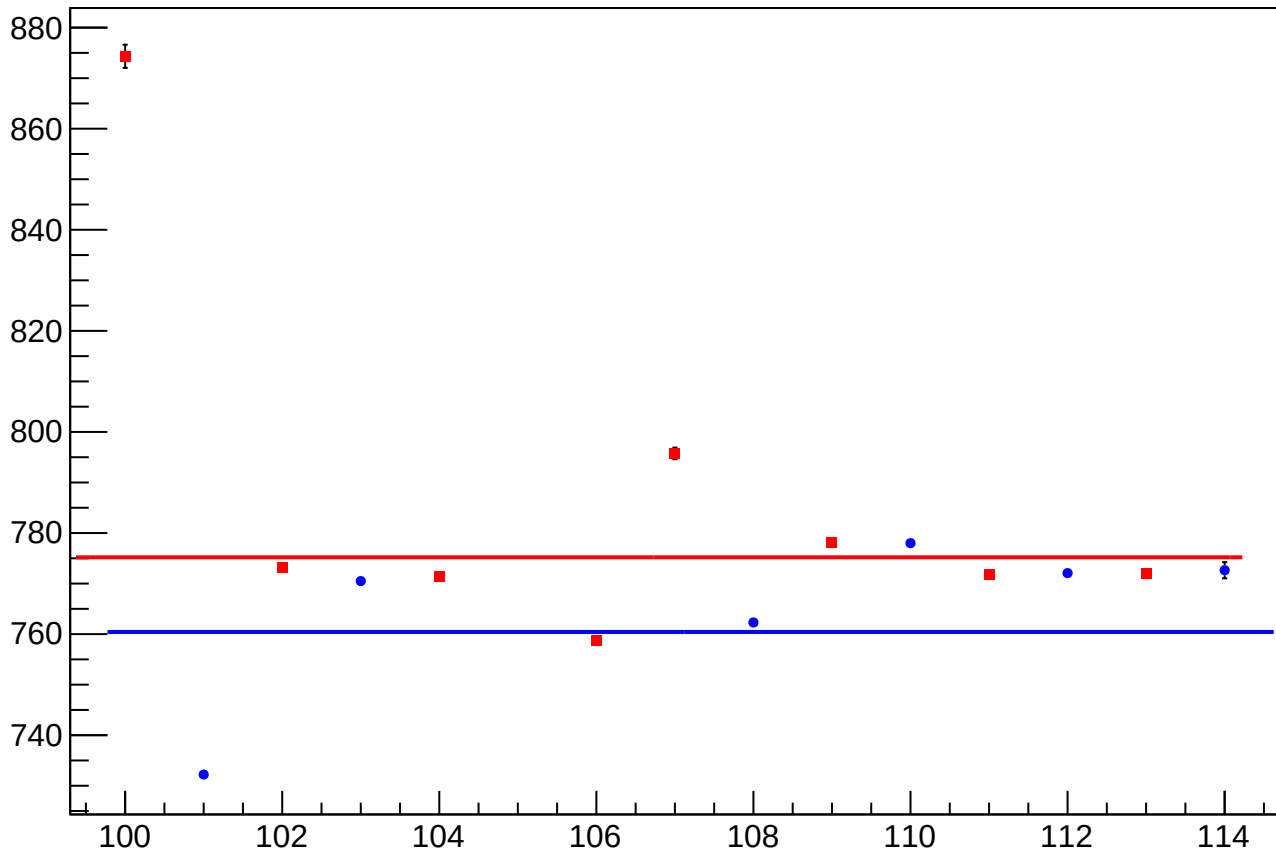
All: 89.571+/-315.653

χ^2/NDF : 41.1/13

- sign 0.000+/-0.000

χ^2/NDF : 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 760.428+/-0.330 χ^2/NDF : 2833.9/5

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

Right Out: 775.199+/-0.303 χ^2/NDF : 2569.7/7

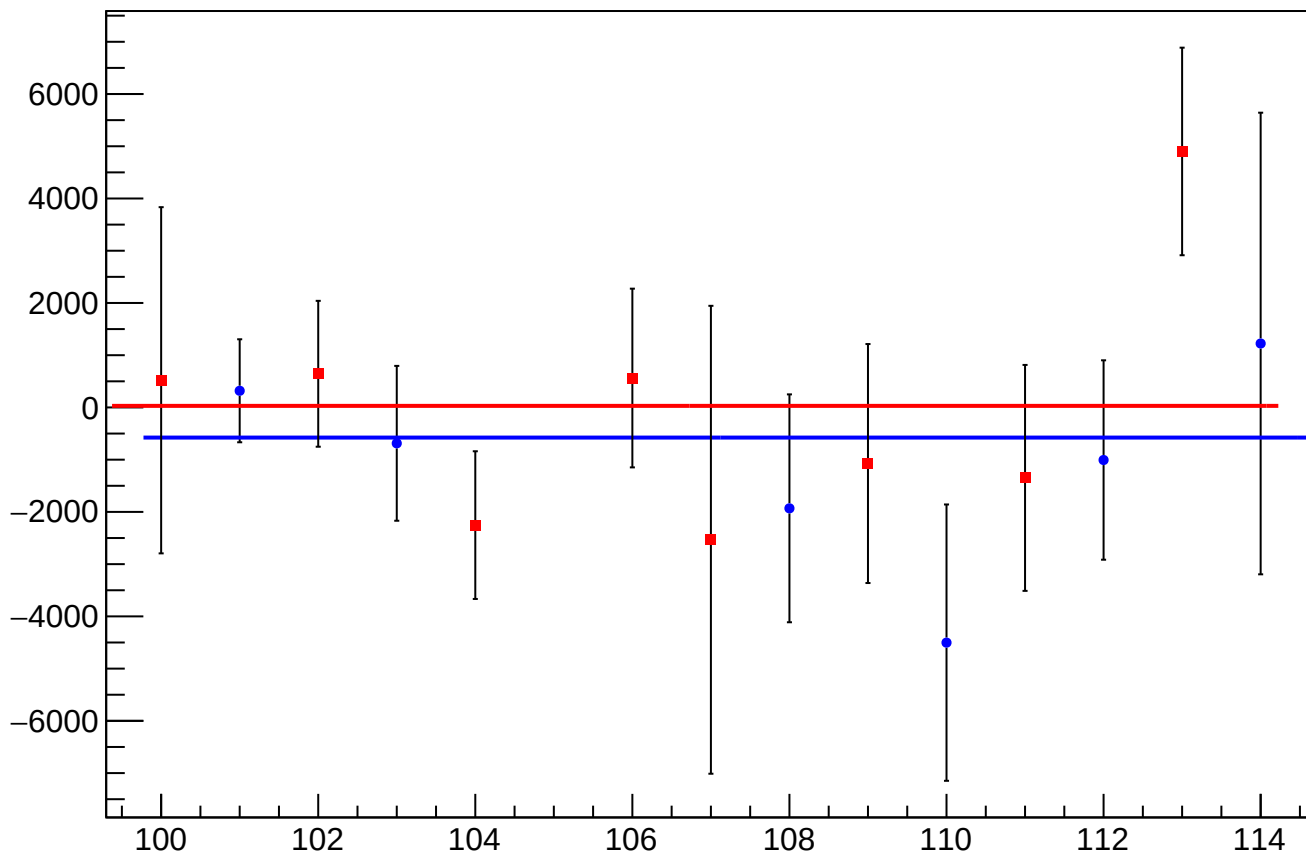
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.456+/-0.223 χ^2/NDF : 6490.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_mean vs Slug



Right In: -576.948+/-680.008 χ^2/NDF : 3.6/5

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

Right Out: 30.058+/-681.361 χ^2/NDF : 9.9/7

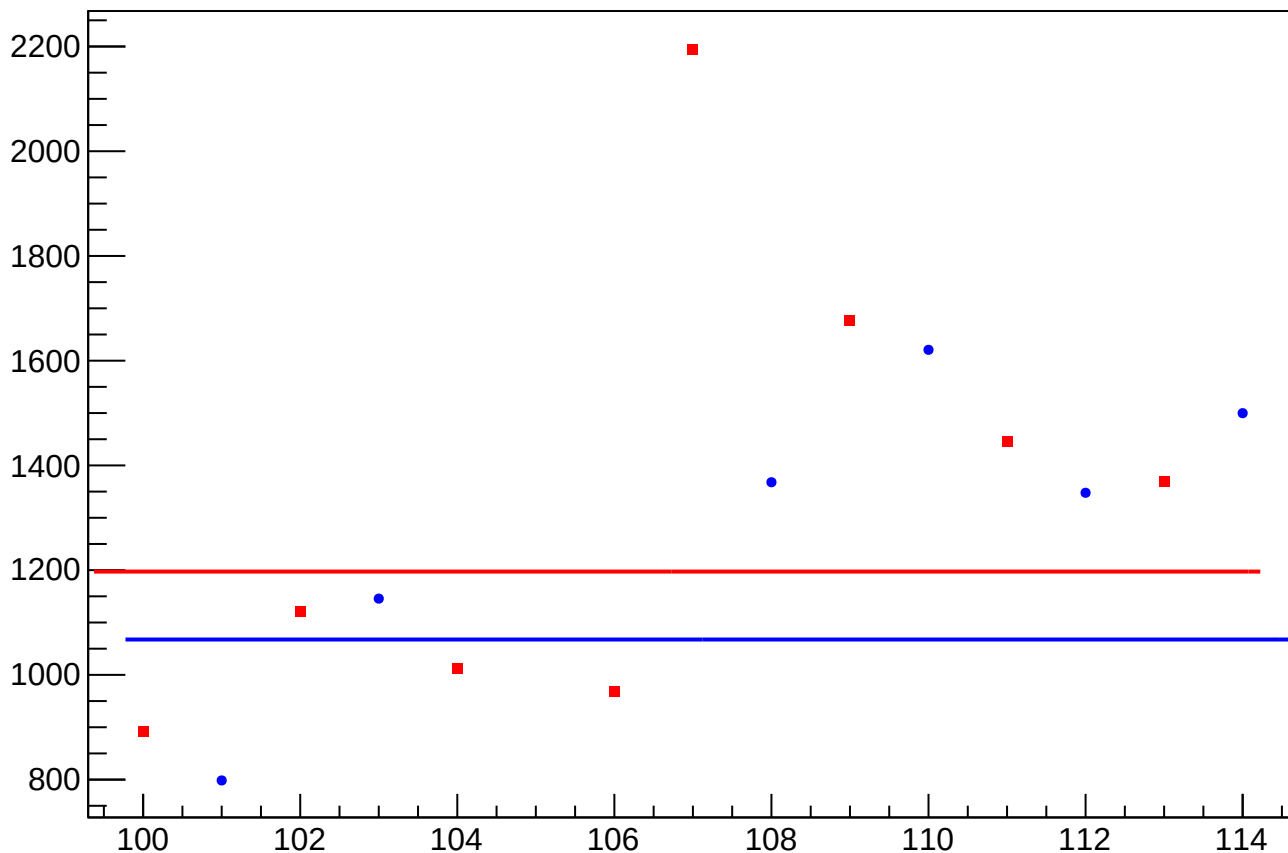
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.048+/-481.316 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_rms vs Slug



Right In: 1067.539+/-0.481 χ^2/NDF : 342204.0/5

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

Right Out: 1197.268+/-0.482 χ^2/NDF : 321478.0/7

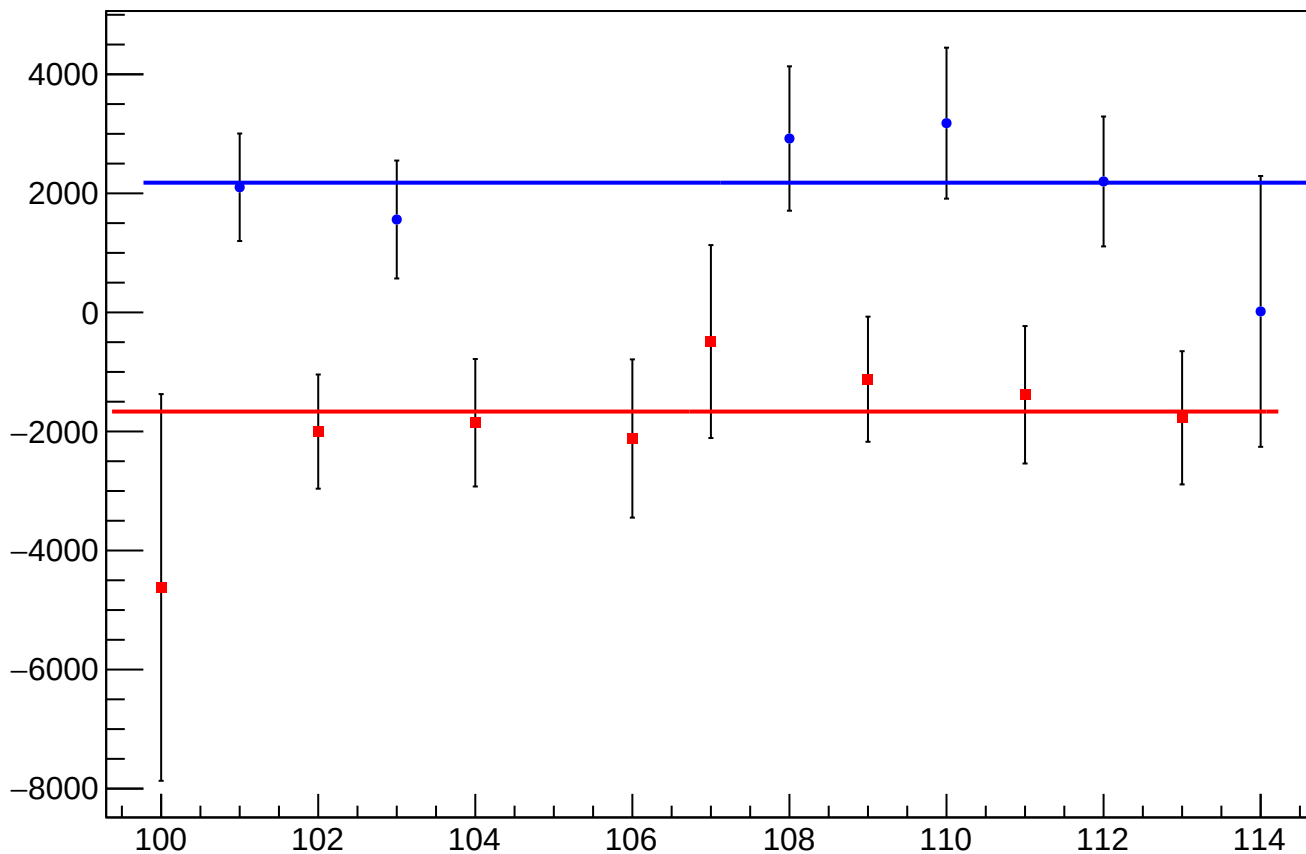
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.275+/-0.340 χ^2/NDF : 700004.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_mean vs Slug



Right In: 2179.364+/-467.203 χ^2/NDF : 2.3/5

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

Right Out: -1665.455+/-428.150 χ^2/NDF : 2.0/7

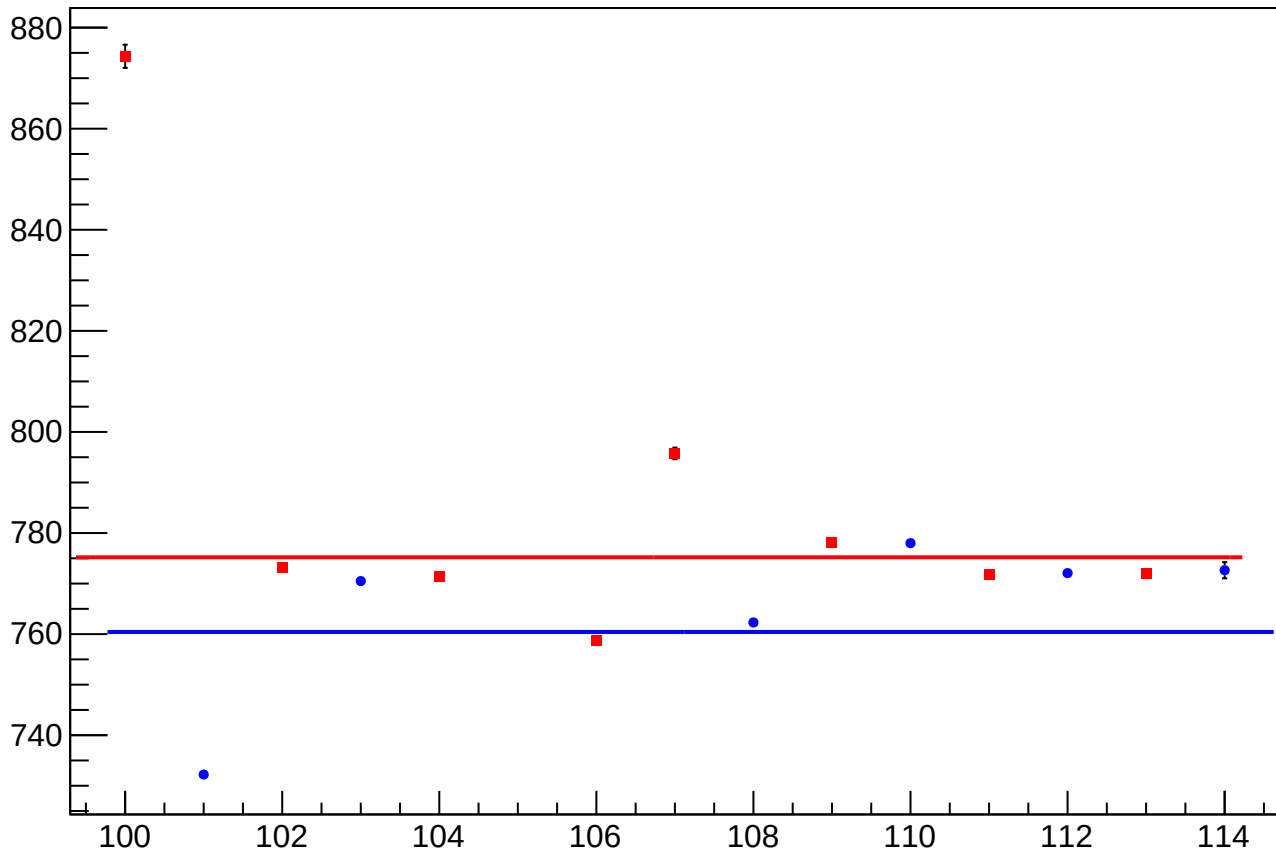
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.571+/-315.653 χ^2/NDF : 41.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



Right In: 760.428 $\pm$ 0.330 χ^2 /NDF: 2833.9/5

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

Right Out: 775.199 $\pm$ 0.303 χ^2 /NDF: 2569.7/7

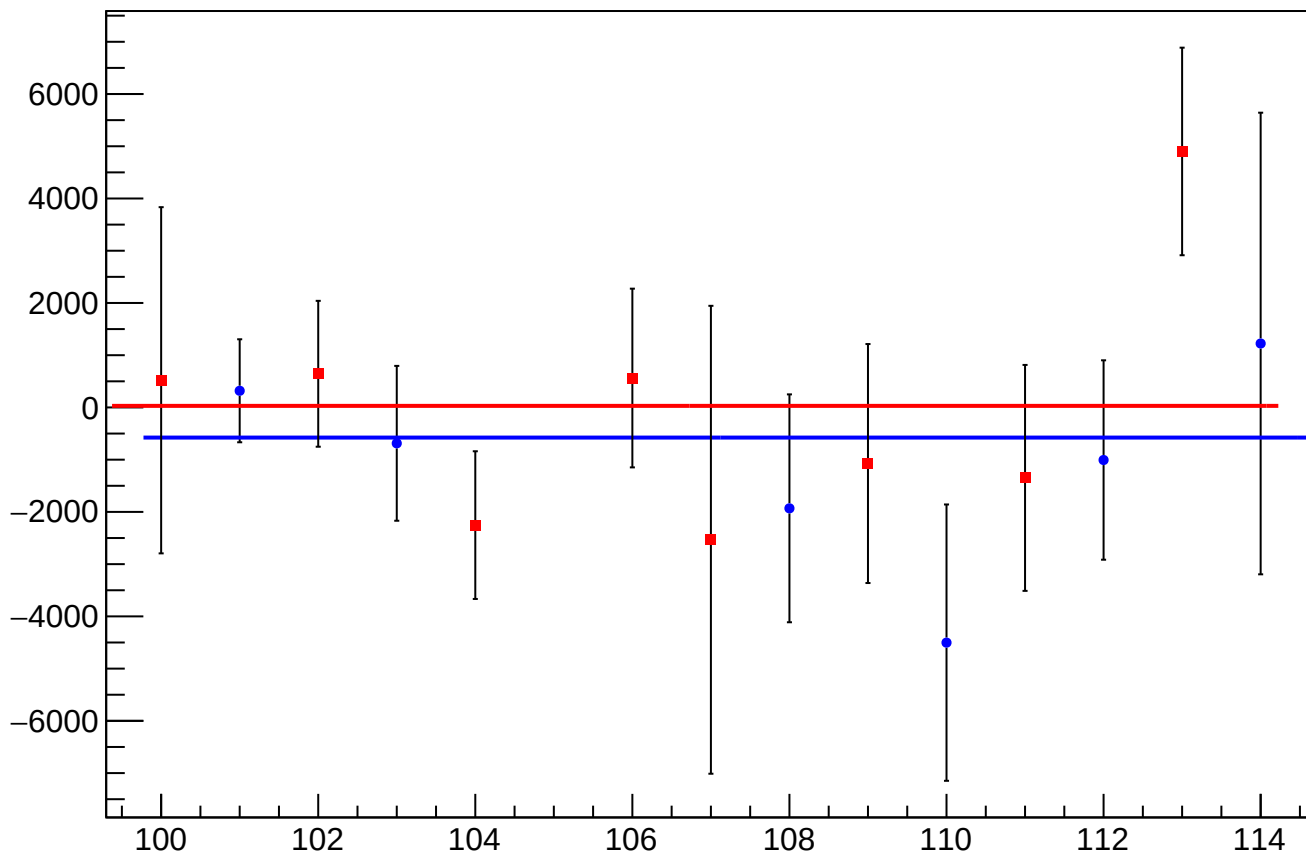
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 768.456 $\pm$ 0.223 χ^2 /NDF: 6490.1/13

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

asym_us_avg_cor_correction_mean vs Slug



Right In: -576.948+/-680.008 χ^2/NDF : 3.6/5

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

Right Out: 30.058+/-681.361 χ^2/NDF : 9.9/7

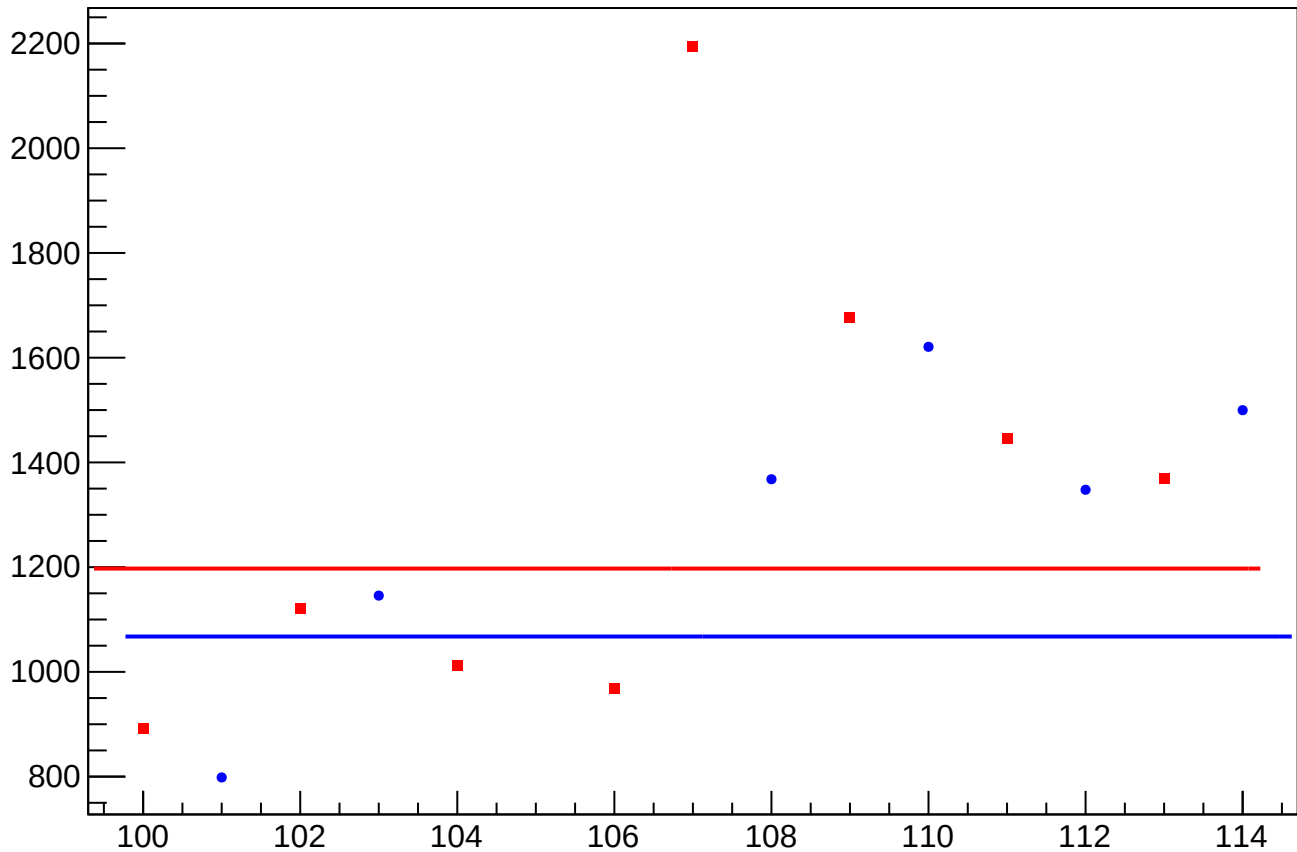
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.048+/-481.316 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1067.539+/-0.481 χ^2/NDF : 342204.0/5

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

Right Out: 1197.268+/-0.482 χ^2/NDF : 321478.0/7

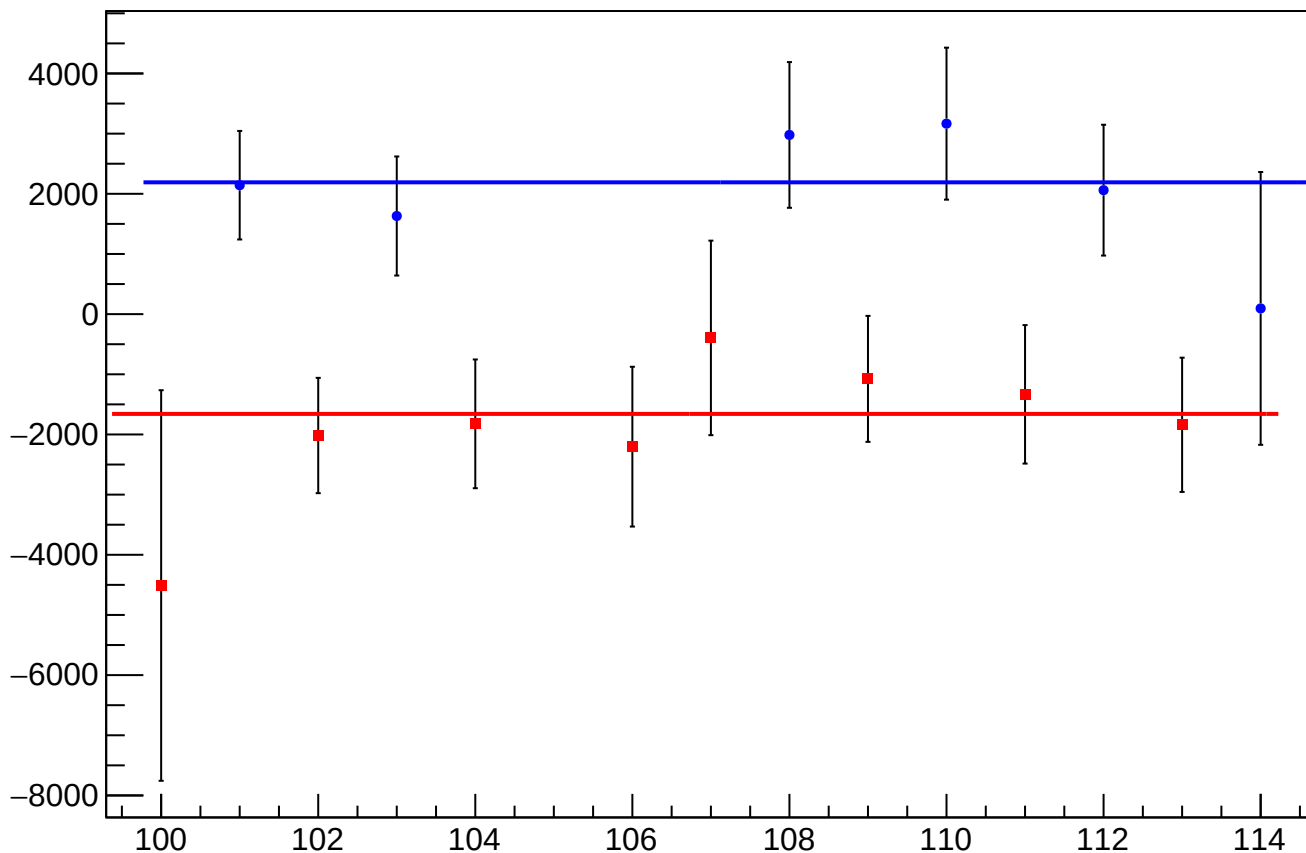
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.275+/-0.340 χ^2/NDF : 700004.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_avg_mean vs Slug



Right In: 2190.751 $\pm$ 466.267 χ^2 /NDF: 2.2/5

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

Right Out: -1658.327 $\pm$ 427.257 χ^2 /NDF: 2.1/7

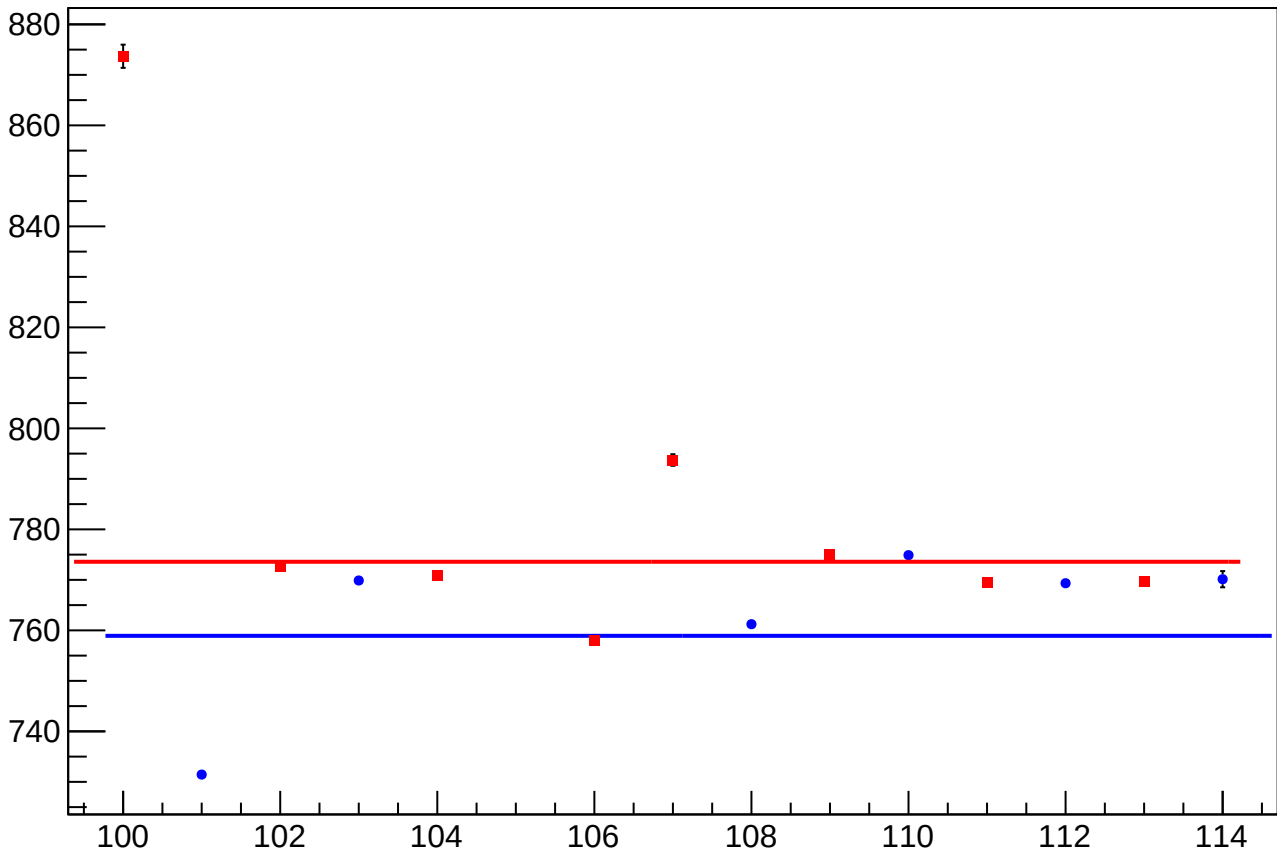
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 98.487 $\pm$ 315.006 χ^2 /NDF: 41.4/13

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

overload_cor_asym_us_avg_rms vs Slug



Right In: 758.919 $\pm$ 0.330 χ^2 /NDF: 2660.5/5

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

Right Out: 773.584 $\pm$ 0.302 χ^2 /NDF: 2553.7/7

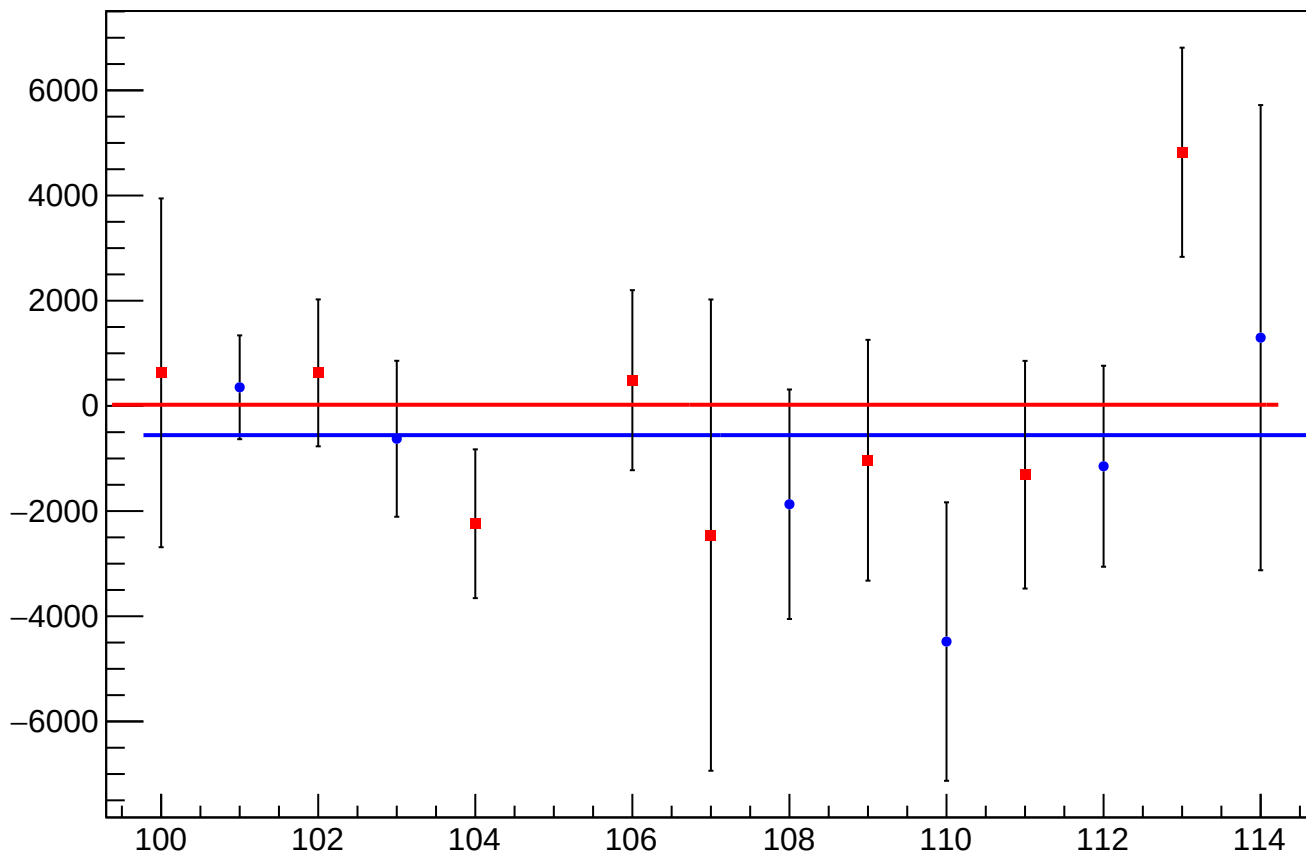
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 766.891 $\pm$ 0.223 χ^2 /NDF: 6289.7/13

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

asym_us_avg_overload_cor_correction_mean vs Slug



Right In: -556.253+/-680.533 χ^2/NDF : 3.7/5

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

Right Out: 21.560+/-681.758 χ^2/NDF : 9.6/7

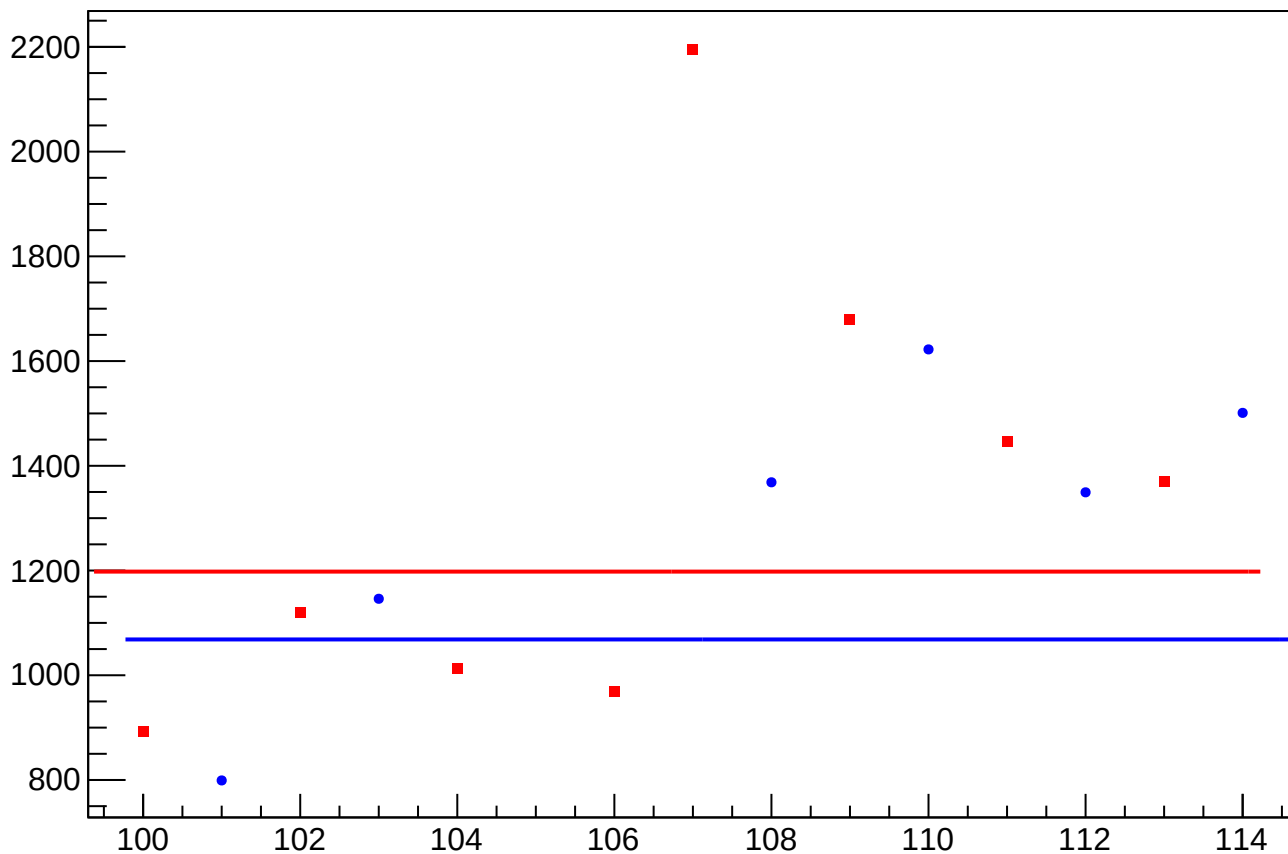
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.867+/-481.642 χ^2/NDF : 13.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1068.378+/-0.481 χ^2/NDF : 342099.4/5

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

Right Out: 1197.944+/-0.482 χ^2/NDF : 321757.8/7

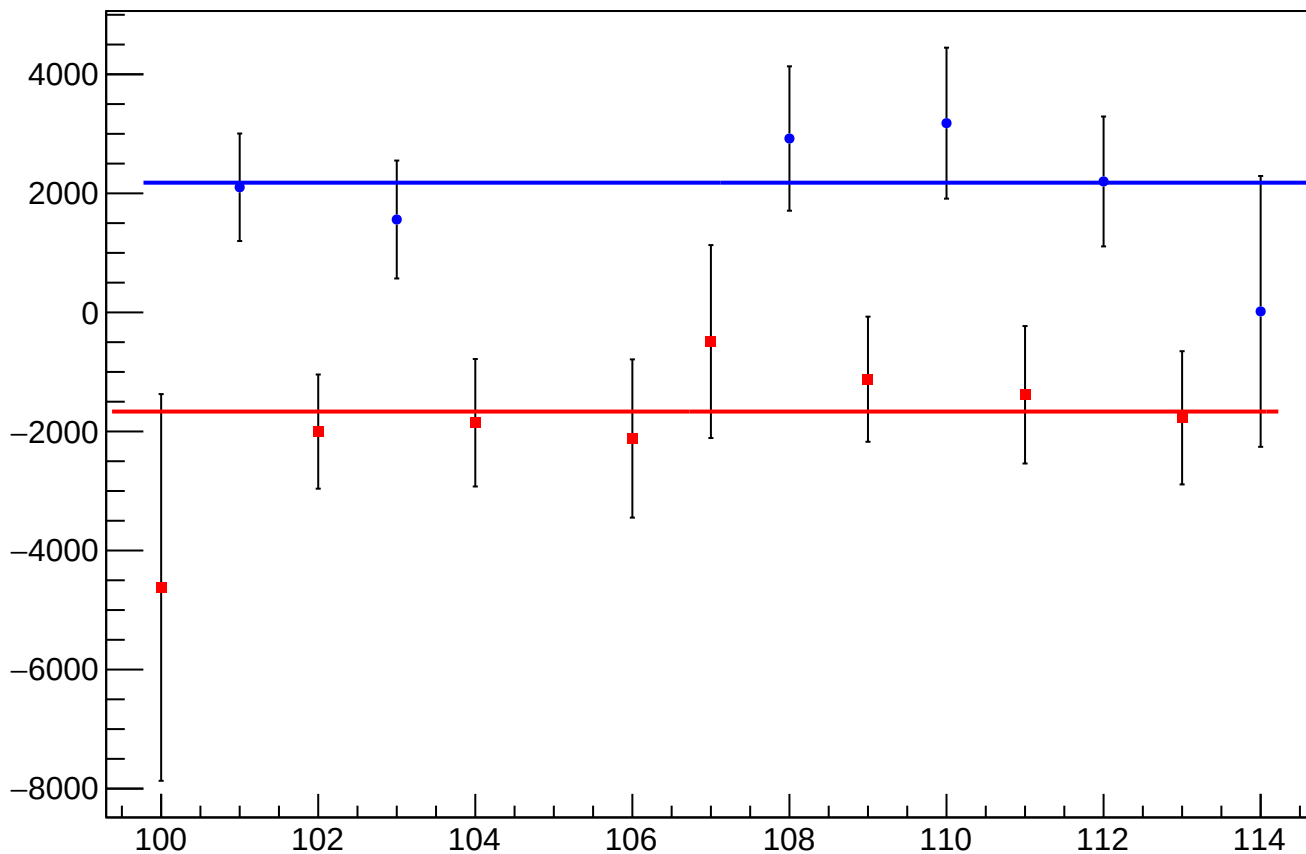
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.045+/-0.341 χ^2/NDF : 700039.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2179.364 $\pm$ 467.203 χ^2 /NDF: 2.3/5

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

Right Out: -1665.455 $\pm$ 428.150 χ^2 /NDF: 2.0/7

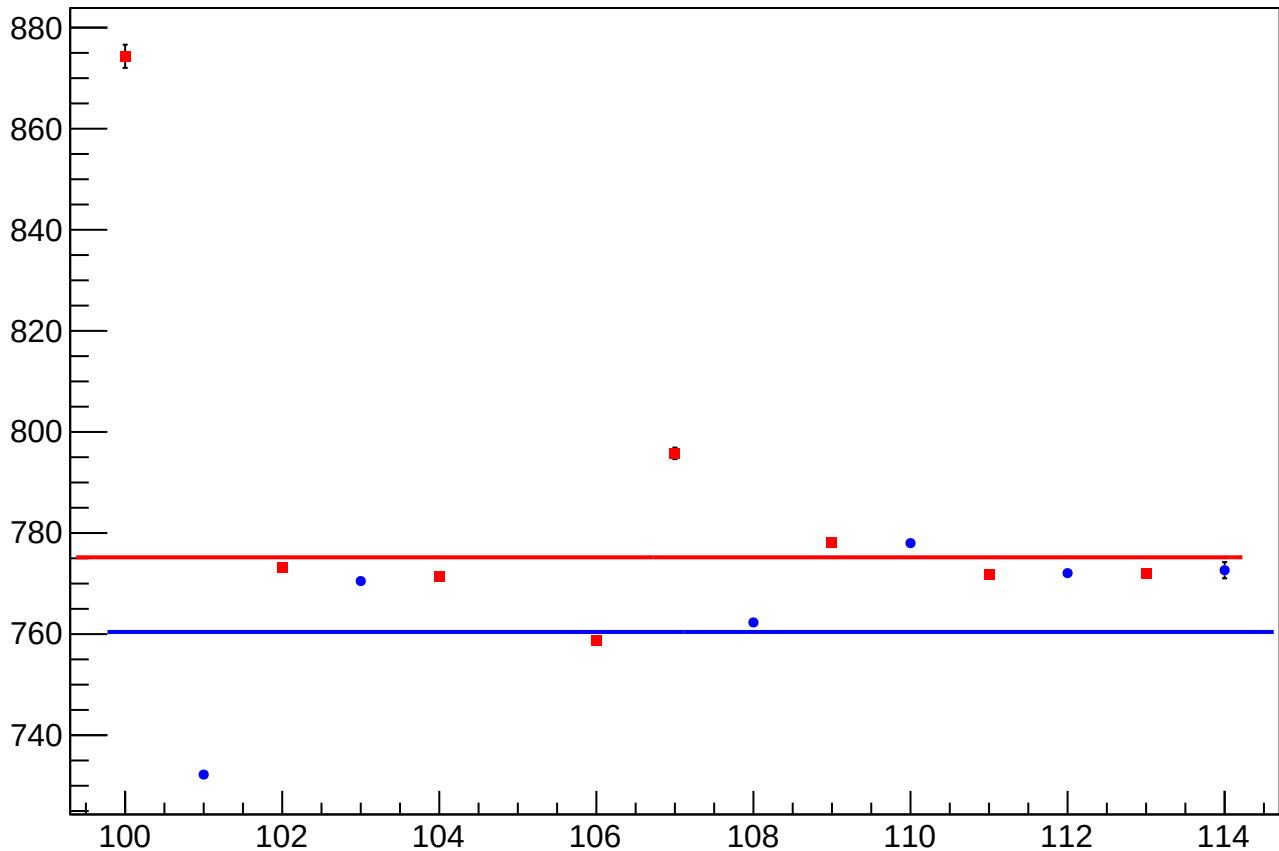
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 89.571 $\pm$ 315.653 χ^2 /NDF: 41.1/13

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

eigen_cor_asym_us_avg_rms vs Slug



Right In: 760.428 $\pm$ 0.330 χ^2 /NDF: 2833.9/5

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

Right Out: 775.199 $\pm$ 0.303 χ^2 /NDF: 2569.7/7

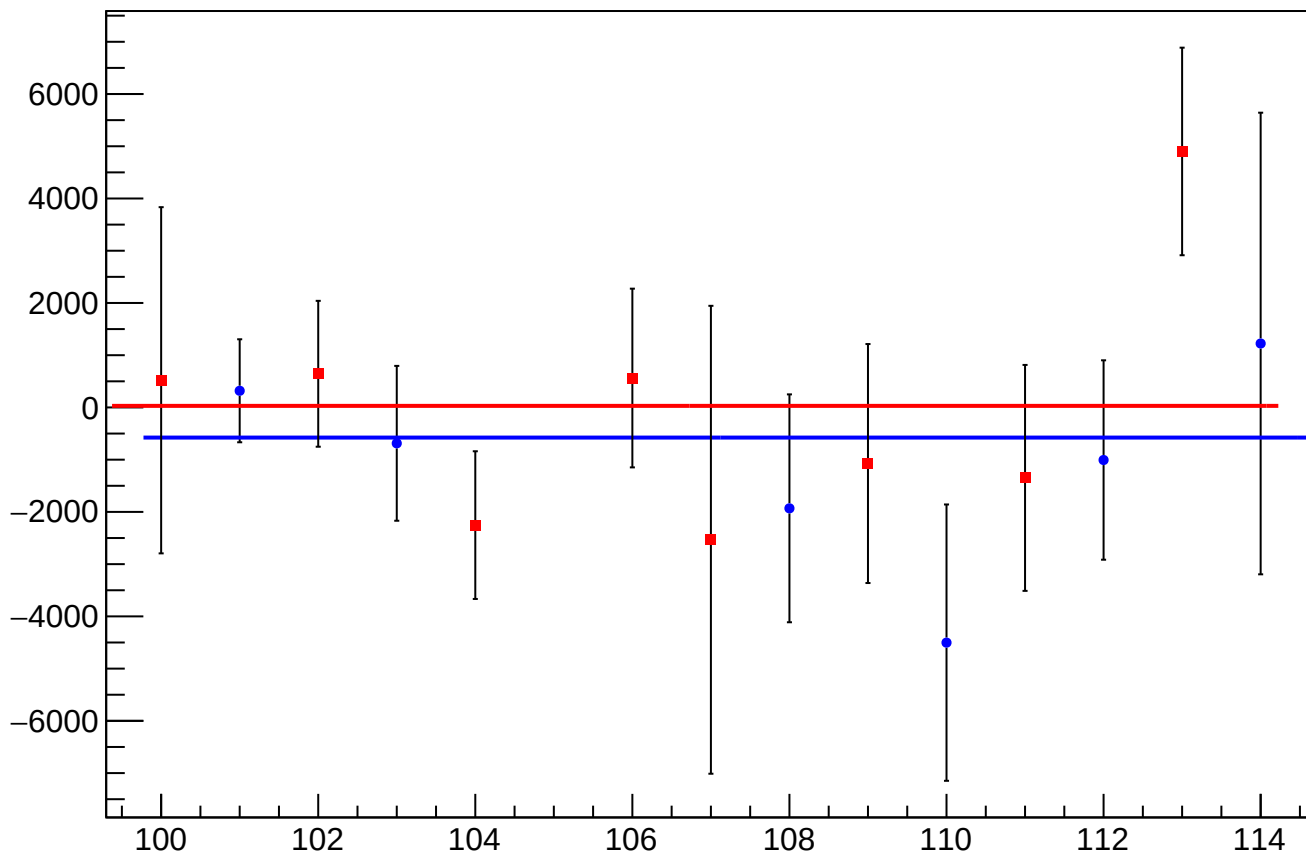
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 768.456 $\pm$ 0.223 χ^2 /NDF: 6490.1/13

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

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: -576.948+/-680.008 χ^2/NDF : 3.6/5

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

Right Out: 30.058+/-681.361 χ^2/NDF : 9.9/7

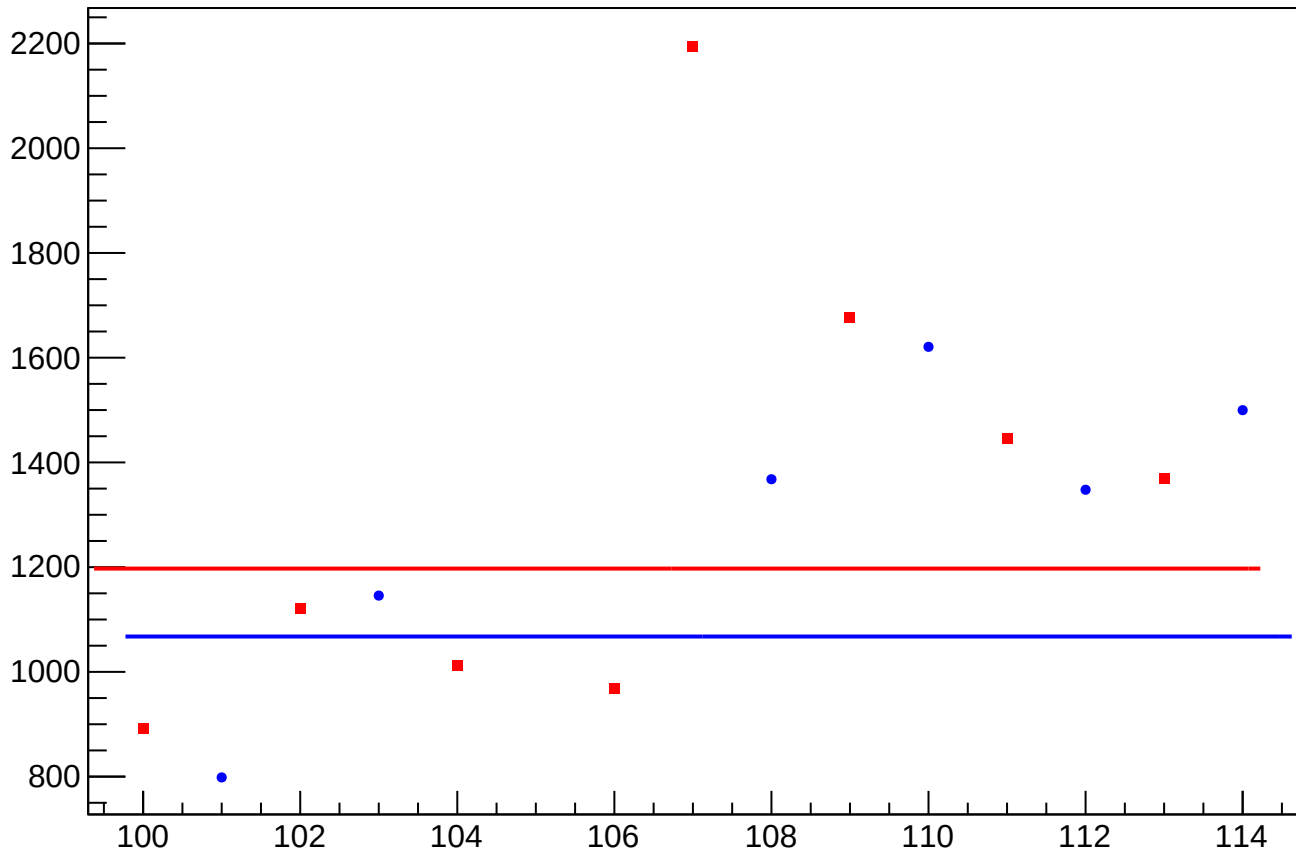
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.048+/-481.316 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1067.539+/-0.481 χ^2/NDF : 342204.0/5

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

Right Out: 1197.268+/-0.482 χ^2/NDF : 321478.0/7

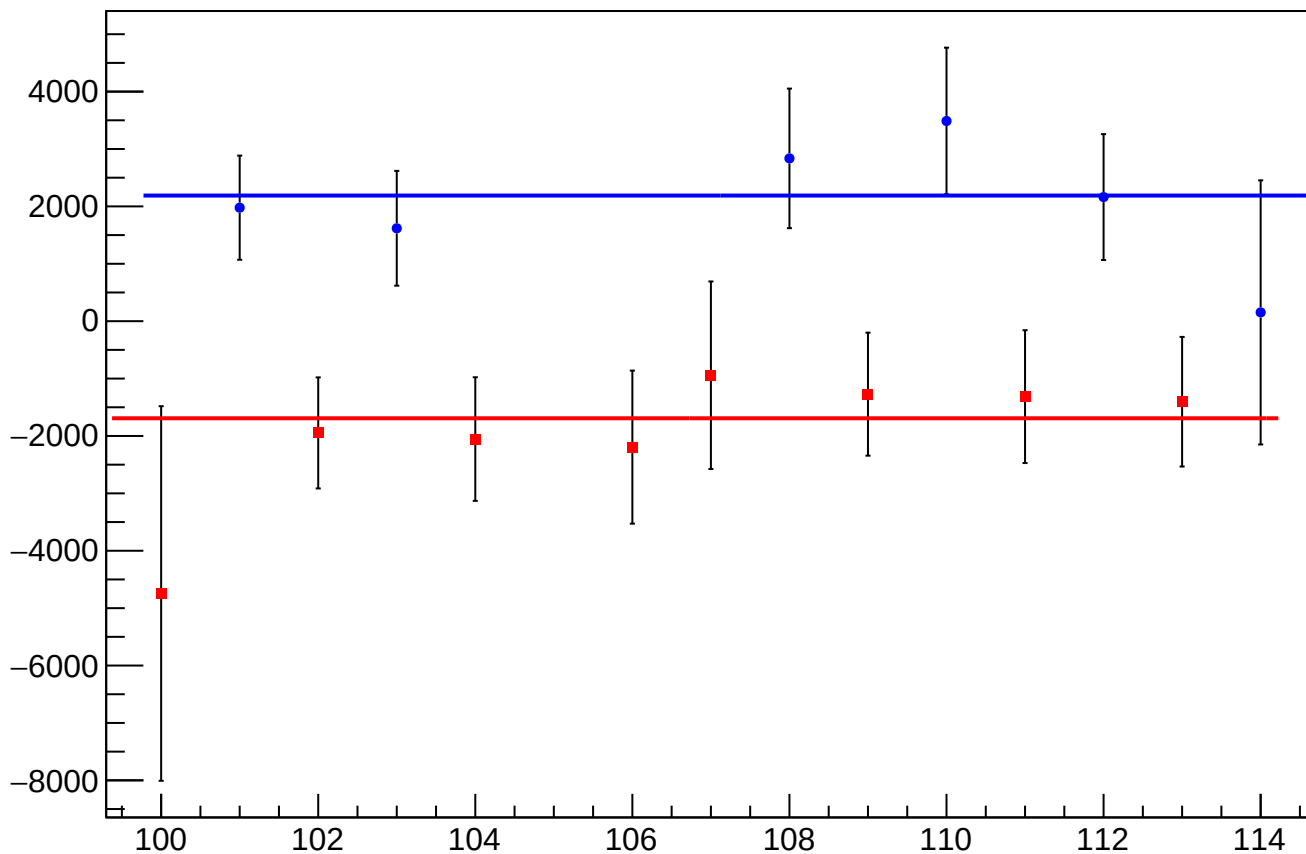
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.275+/-0.340 χ^2/NDF : 700004.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_mean vs Slug



Right In: 2188.846 $\pm$ 470.148 χ^2 /NDF: 2.5/5

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

Right Out: -1691.766 $\pm$ 431.804 χ^2 /NDF: 1.7/7

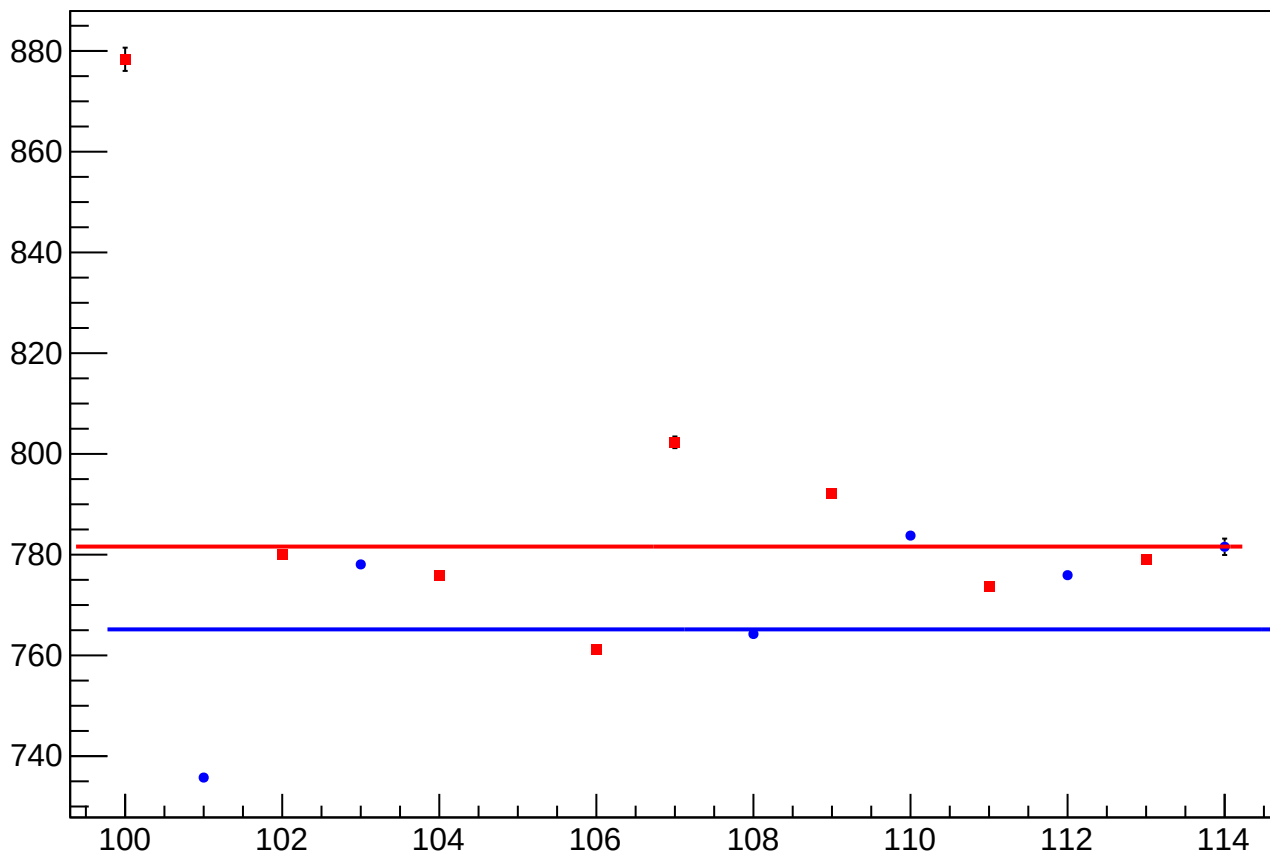
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 83.864 $\pm$ 318.025 χ^2 /NDF: 41.2/13

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

dit_asym_us_avg_rms vs Slug



Right In: 765.164 $\pm$ 0.332 χ^2 /NDF: 3155.2/5

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

Right Out: 781.606 $\pm$ 0.305 χ^2 /NDF: 2907.3/7

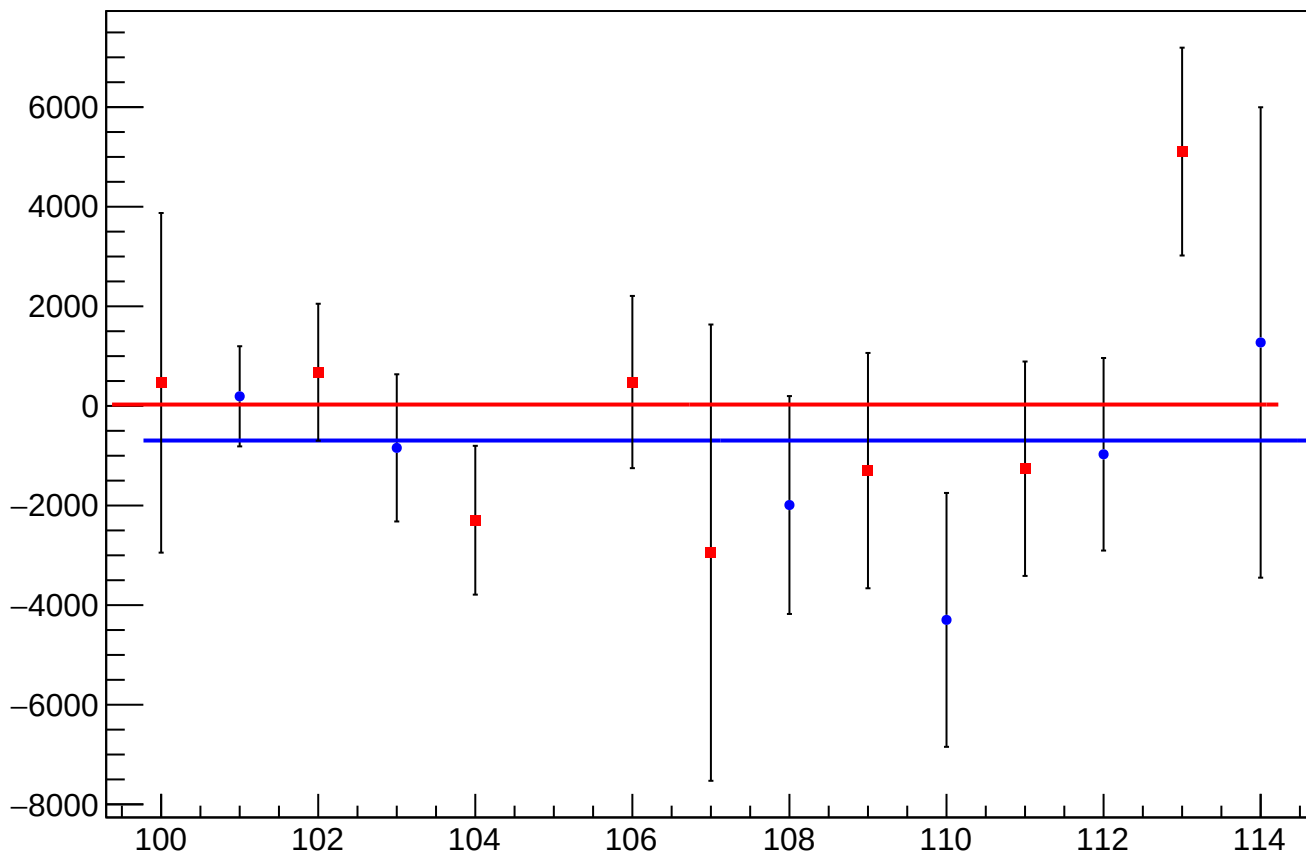
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 774.083 $\pm$ 0.225 χ^2 /NDF: 7389.4/13

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

asym_us_avg_dit_correction_mean vs Slug



Right In: -694.732+/-686.447 χ^2/NDF : 3.3/5

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

Right Out: 27.699+/-695.170 χ^2/NDF : 9.7/7

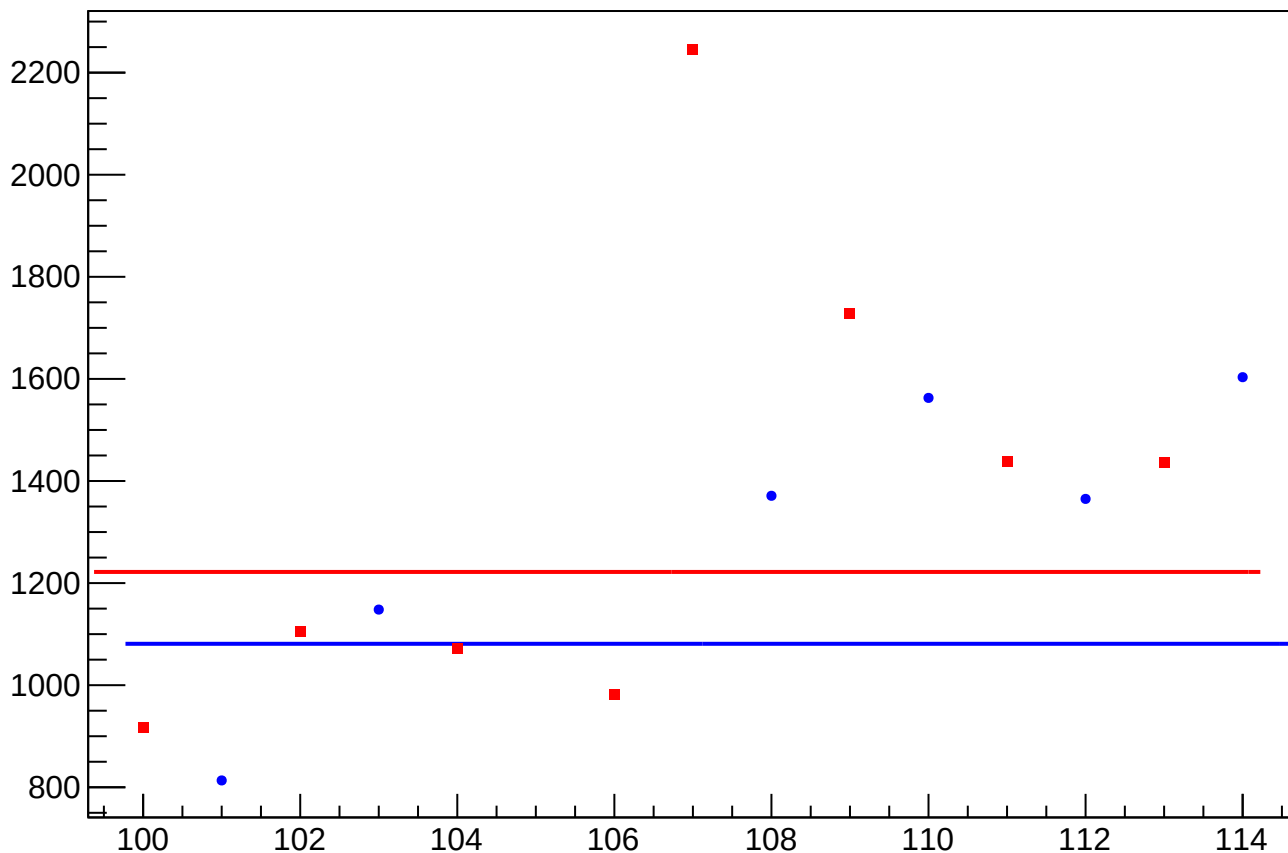
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.077+/-488.446 χ^2/NDF : 13.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1081.078+/-0.485 χ^2/NDF : 319980.7/5

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

Right Out: 1221.851+/-0.492 χ^2/NDF : 322098.5/7

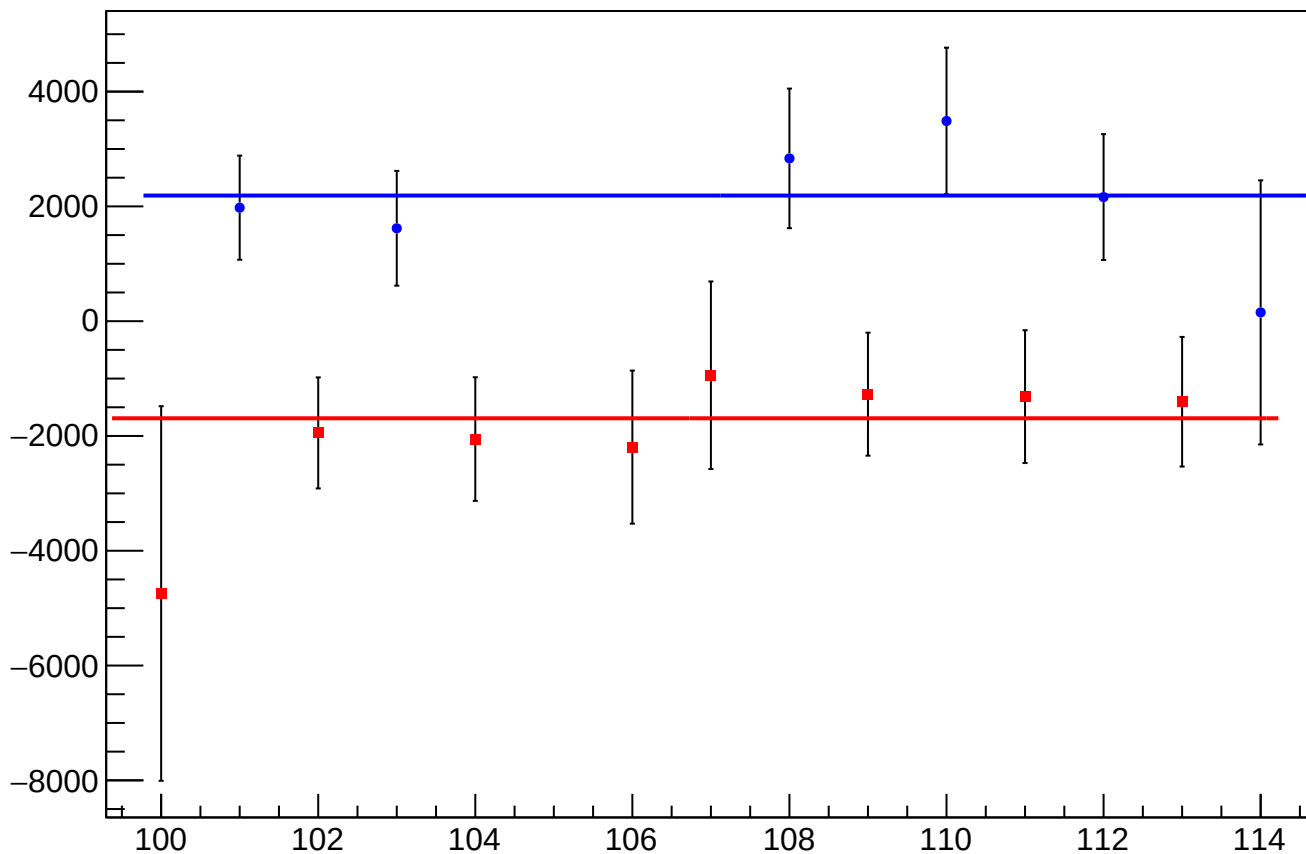
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.576+/-0.345 χ^2/NDF : 683603.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2188.848 $\pm$ 470.148 χ^2 /NDF: 2.5/5

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

Right Out: -1691.765 $\pm$ 431.804 χ^2 /NDF: 1.7/7

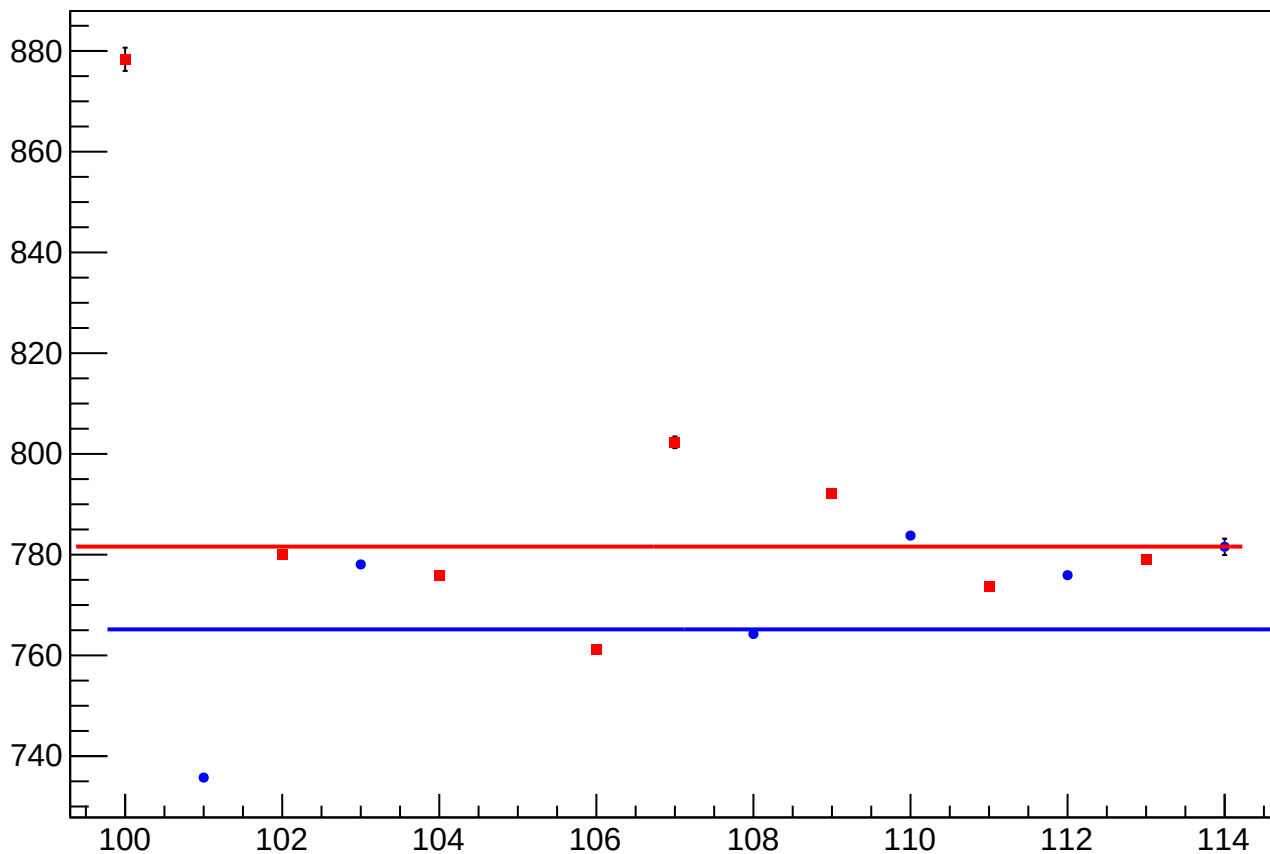
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 83.865 $\pm$ 318.025 χ^2 /NDF: 41.2/13

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

eigen_dit_asym_us_avg_rms vs Slug



Right In: 765.164 $\pm$ 0.332 χ^2 /NDF: 3155.3/5

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

Right Out: 781.606 $\pm$ 0.305 χ^2 /NDF: 2907.3/7

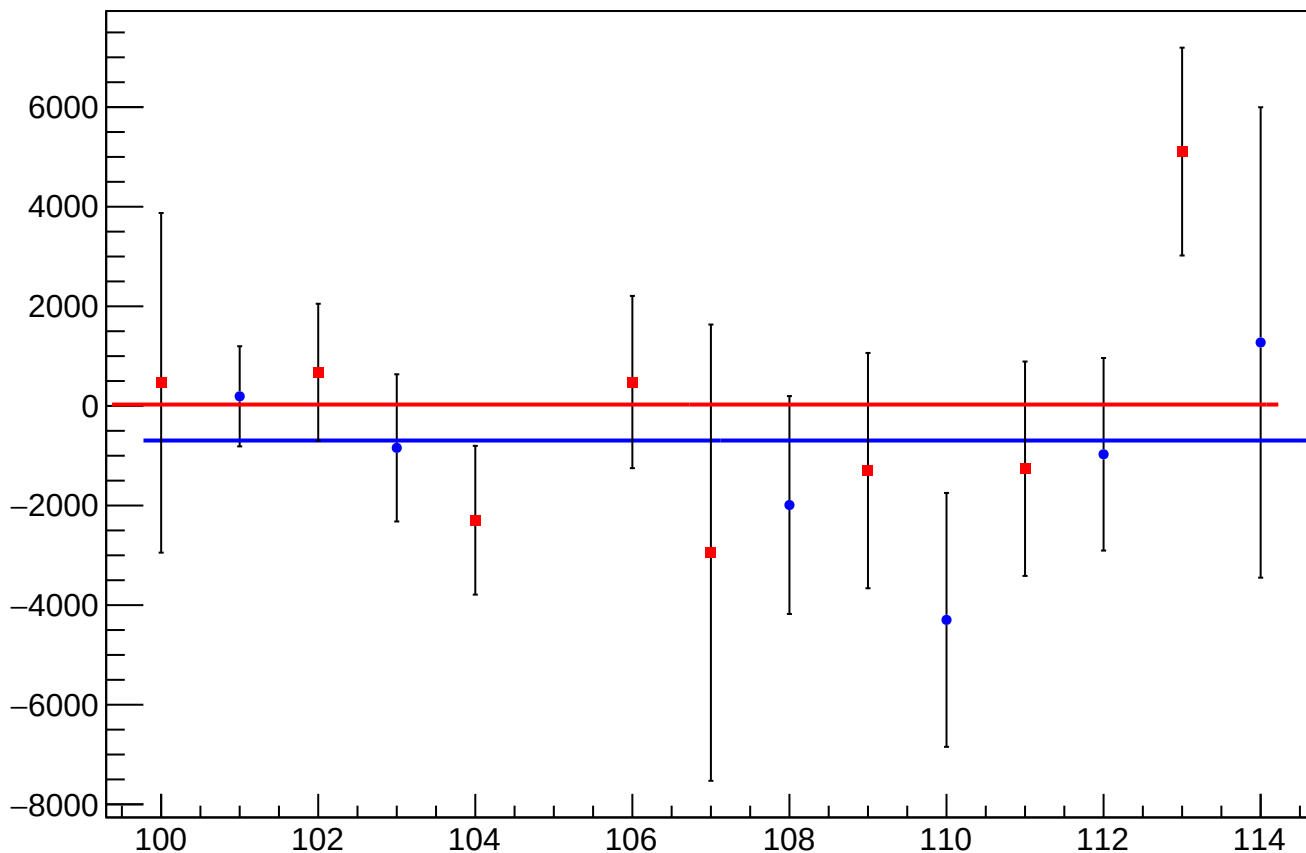
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 774.083 $\pm$ 0.225 χ^2 /NDF: 7389.3/13

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

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: -694.732+/-686.446 χ^2/NDF : 3.3/5

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

Right Out: 27.700+/-695.168 χ^2/NDF : 9.7/7

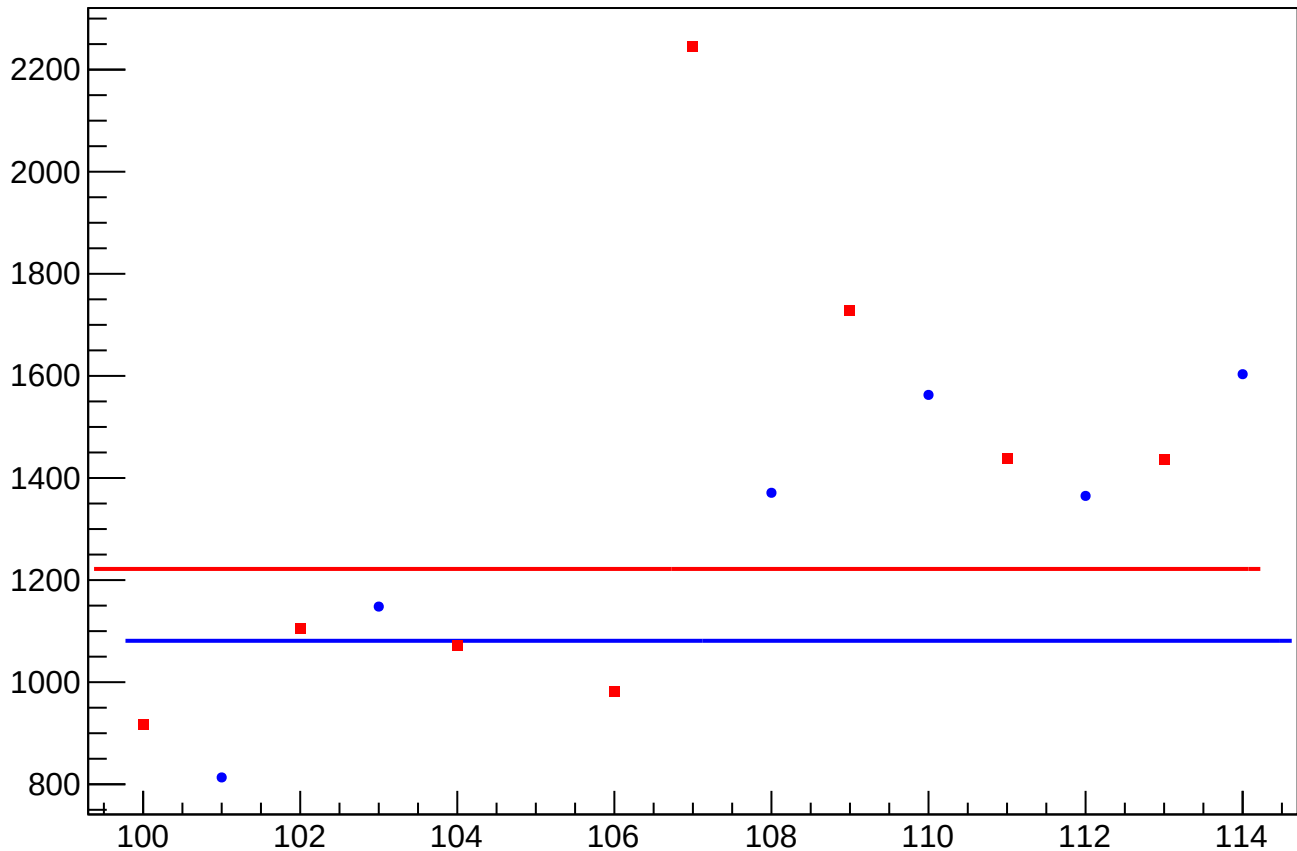
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.076+/-488.445 χ^2/NDF : 13.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1081.076+/-0.485 χ^2/NDF : 319979.0/5

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

Right Out: 1221.849+/-0.492 χ^2/NDF : 322096.5/7

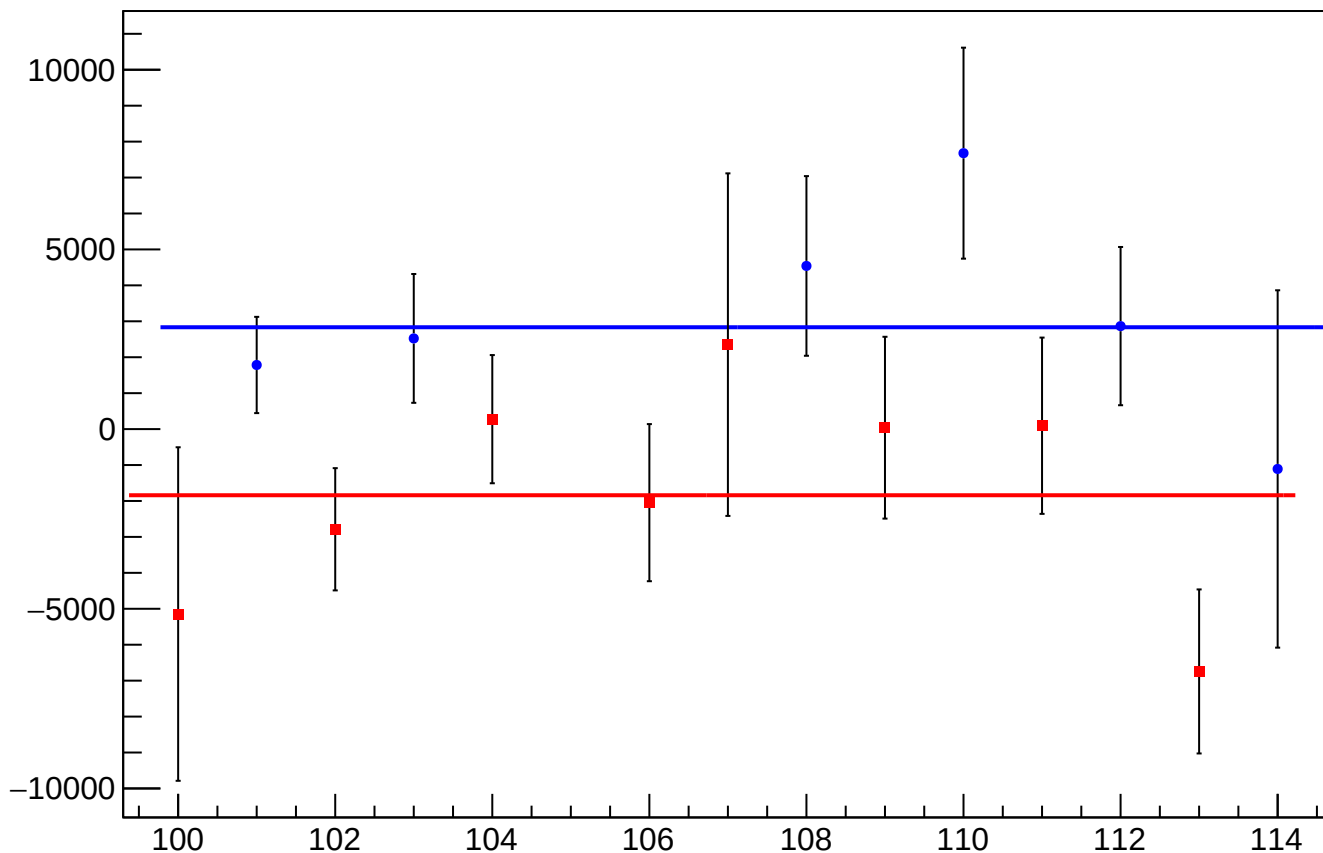
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.574+/-0.345 χ^2/NDF : 683599.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2834.407 $\pm$ 847.730 χ^2 /NDF: 4.5/5

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

Right Out: -1840.483 $\pm$ 823.634 χ^2 /NDF: 8.8/7

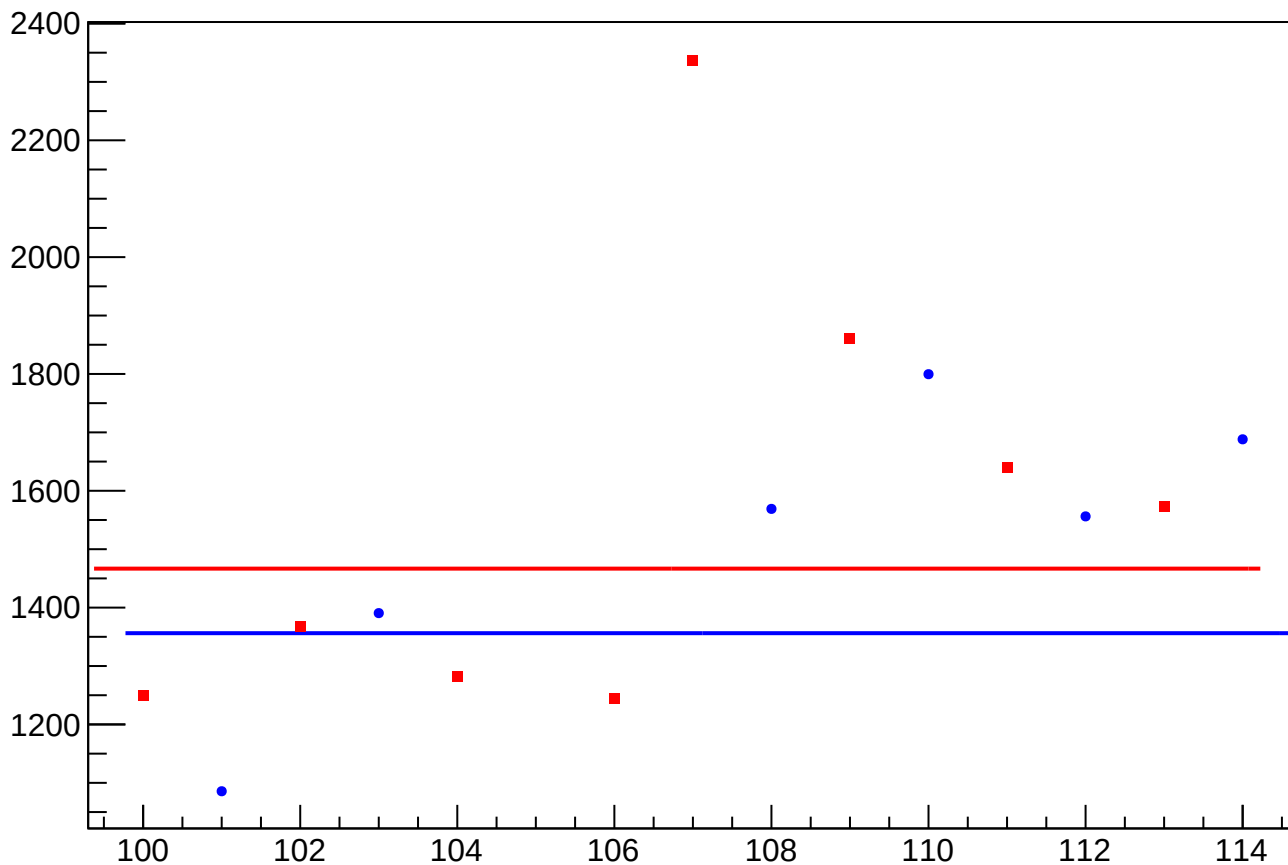
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 429.580 $\pm$ 590.732 χ^2 /NDF: 28.9/13

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

asym_us_avg_rms vs Slug



Right In: 1356.220+/-0.599 χ^2/NDF : 167900.6/5

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

Right Out: 1466.737+/-0.582 χ^2/NDF : 182624.0/7

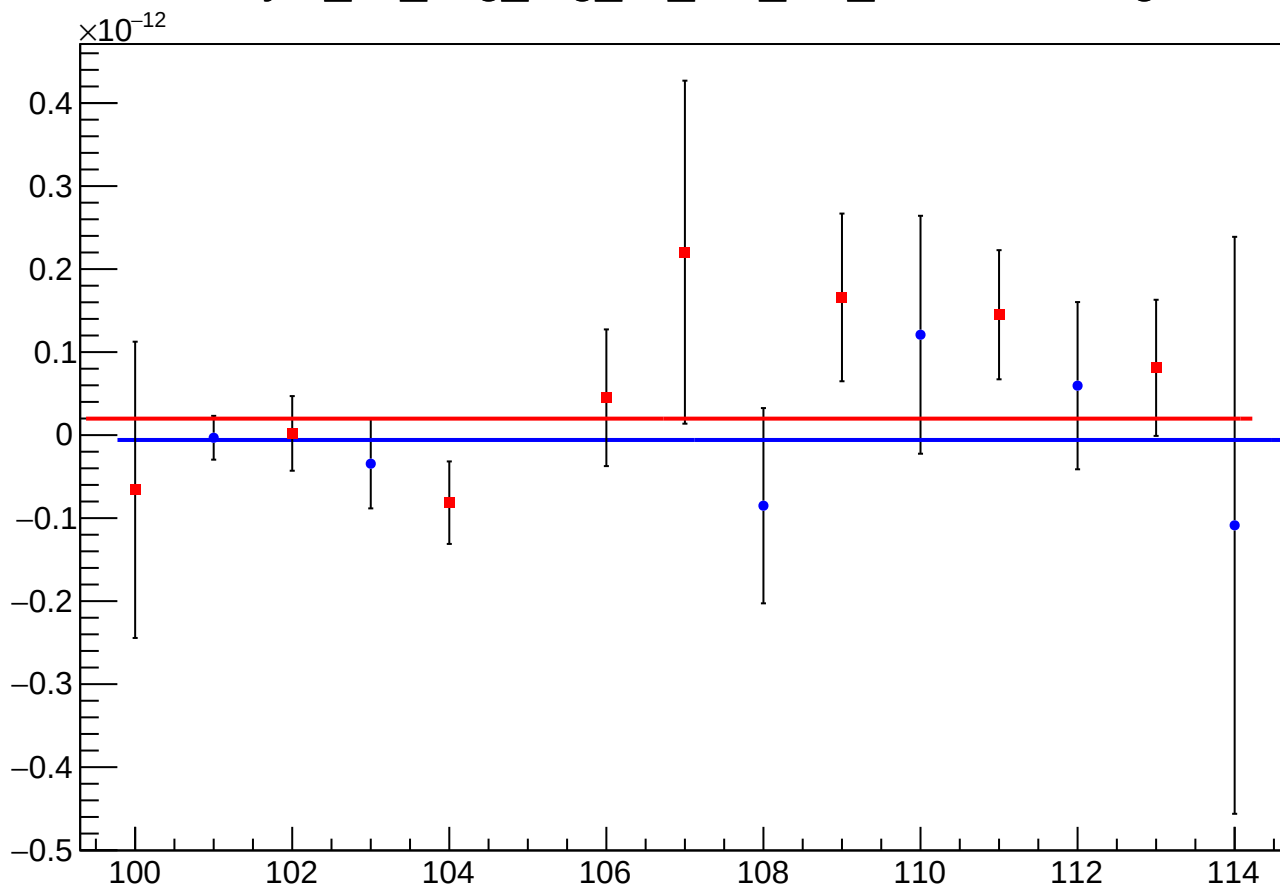
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.071+/-0.418 χ^2/NDF : 368010.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 2.0/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.8/7

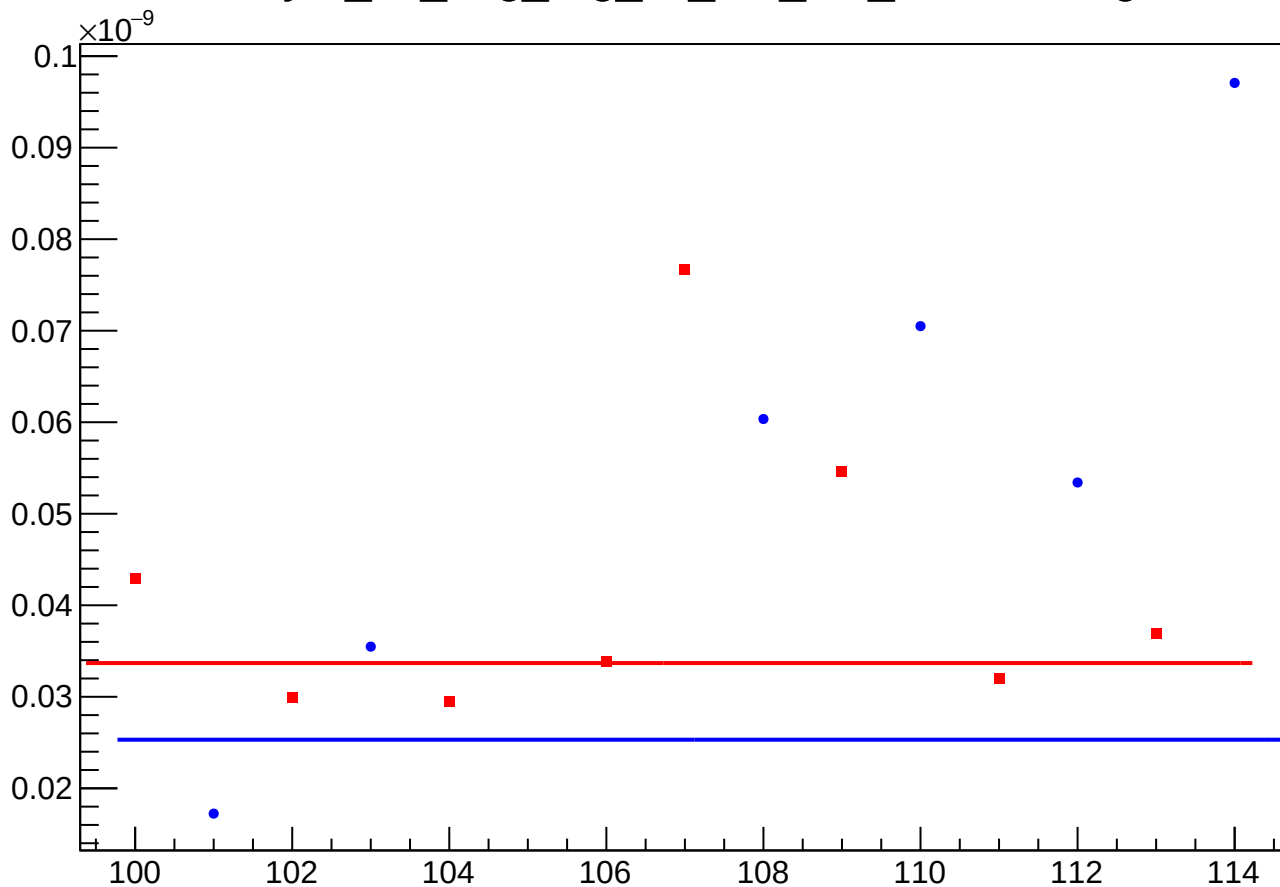
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 13.4/13

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

asym_us_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 876237.3/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 210064.9/7

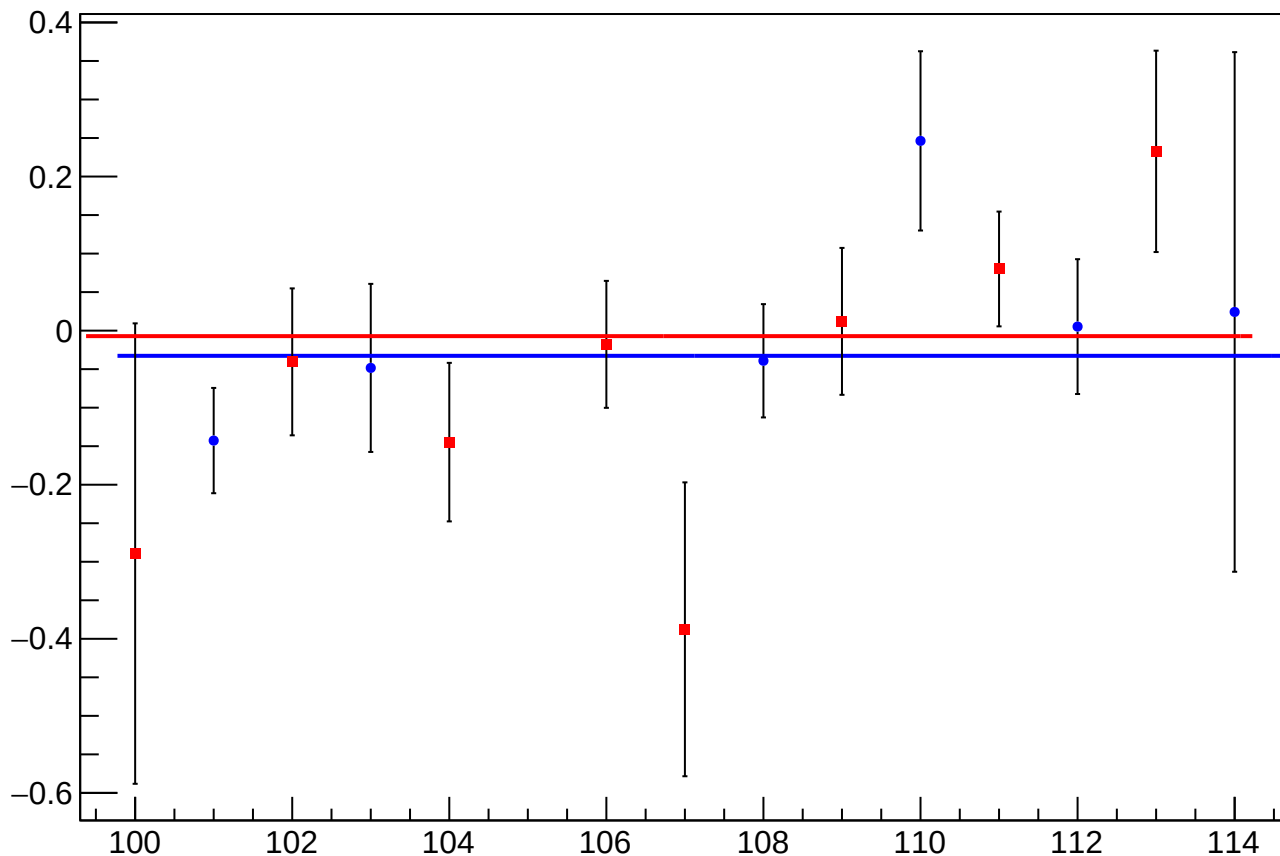
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1207420.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.033 $\pm$ 0.038 χ^2 /NDF: 8.6/5

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

Right Out: -0.007 $\pm$ 0.037 χ^2 /NDF: 11.6/7

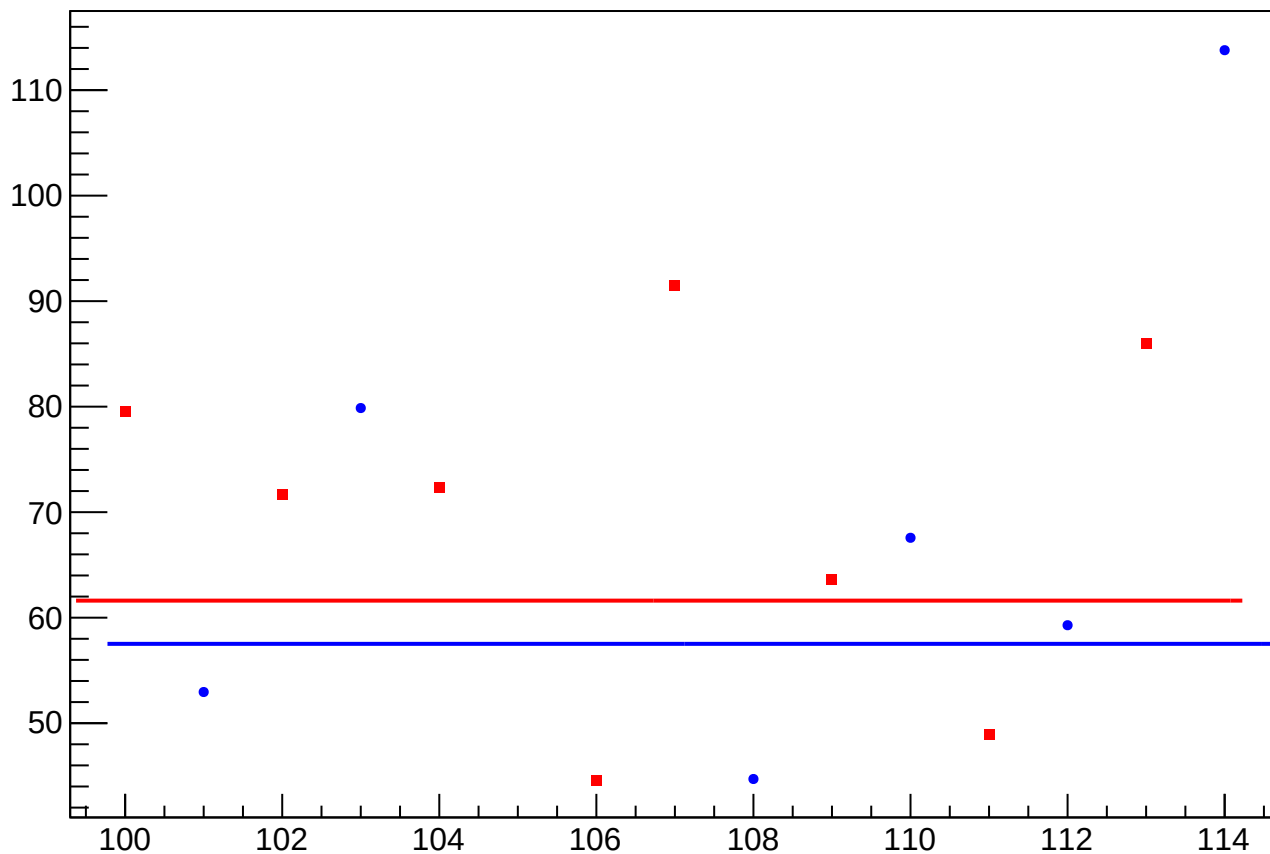
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.026 χ^2 /NDF: 20.4/13

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

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 57.520+/-0.027 χ^2/NDF : 224984.0/5

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

Right Out: 61.617+/-0.026 χ^2/NDF : 313859.0/7

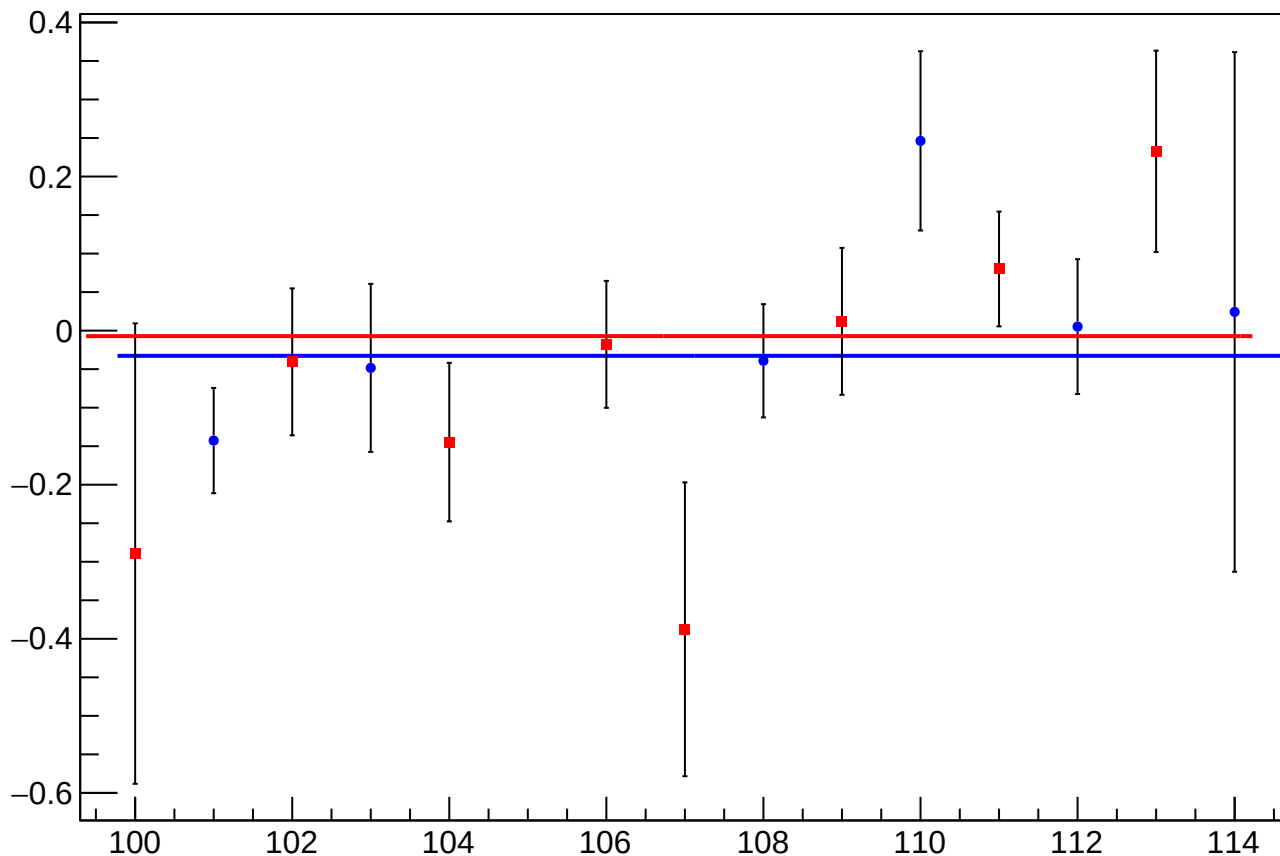
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.629+/-0.019 χ^2/NDF : 550881.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.038 χ^2/NDF : 8.6/5

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

Right Out: -0.007+/-0.037 χ^2/NDF : 11.6/7

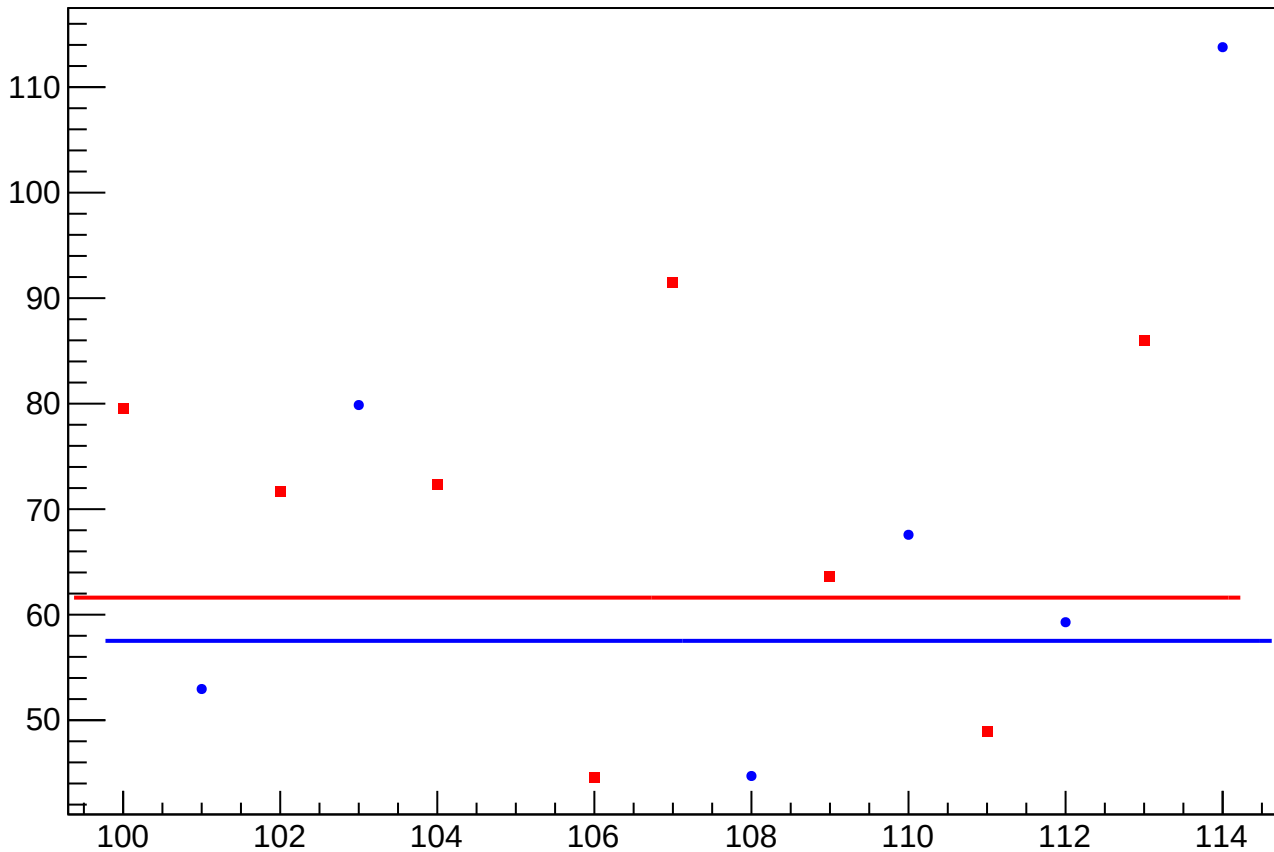
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.026 χ^2/NDF : 20.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.520+/-0.027 χ^2/NDF : 224984.0/5

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

Right Out: 61.617+/-0.026 χ^2/NDF : 313859.0/7

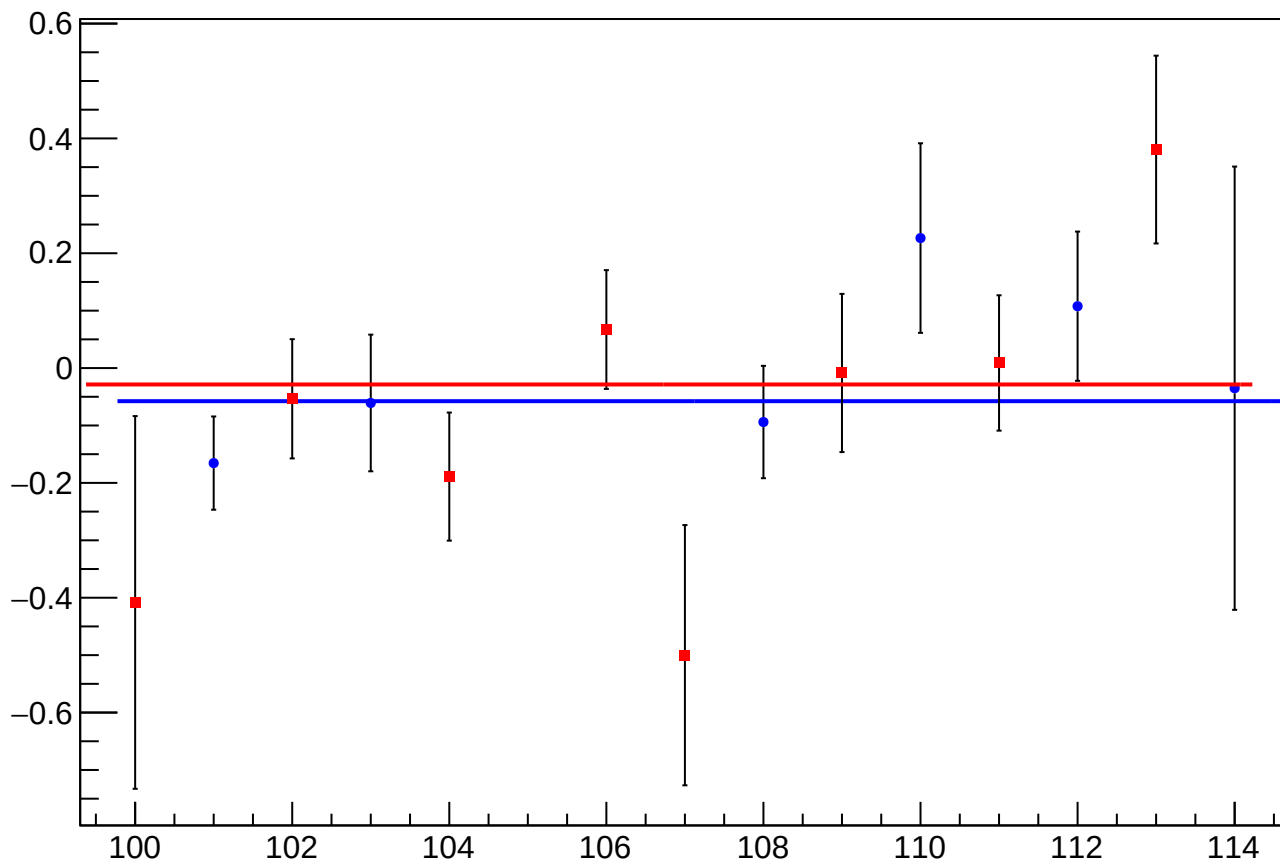
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.629+/-0.019 χ^2/NDF : 550881.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.058 ± 0.048 χ^2/NDF : 6.5/5

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

Right Out: -0.029 ± 0.047 χ^2/NDF : 15.1/7

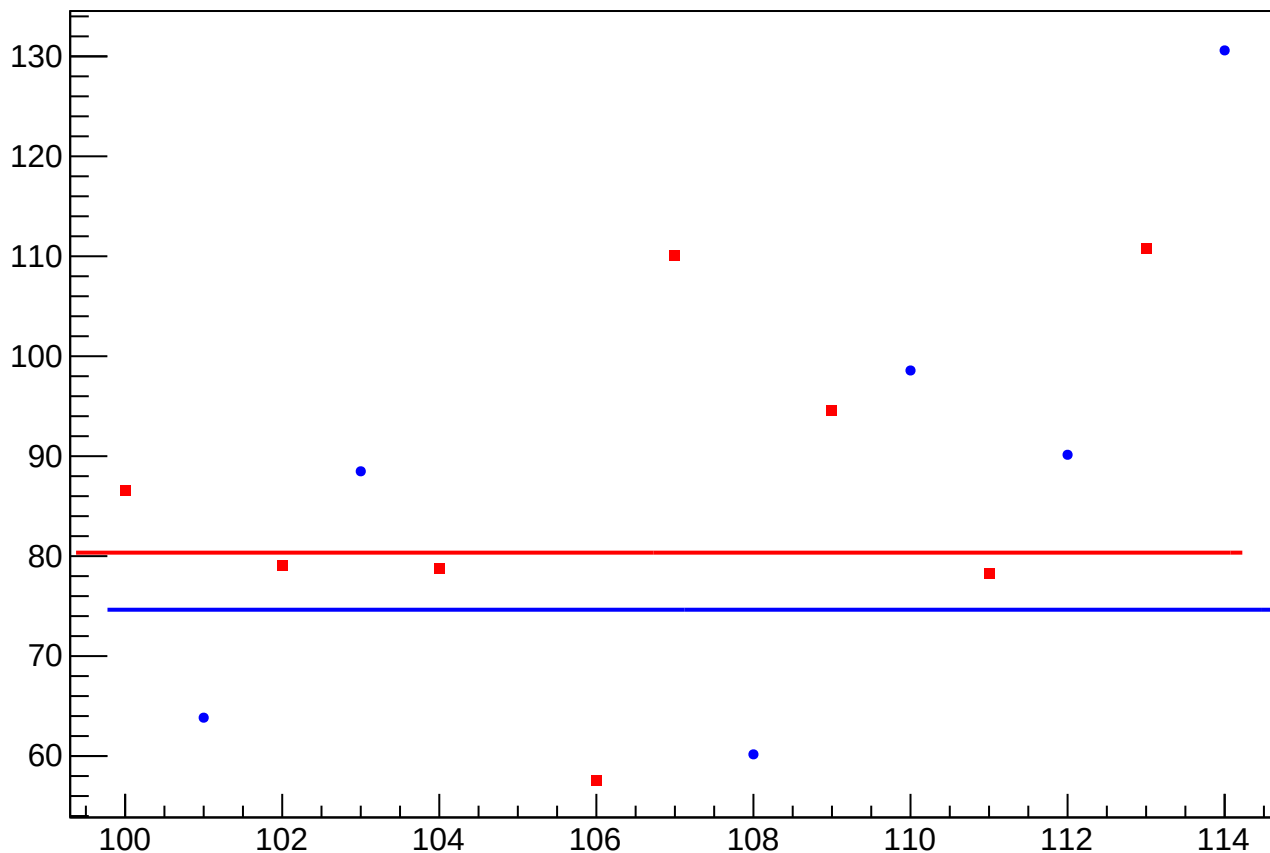
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.034 χ^2/NDF : 21.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 74.639 $\pm$ 0.034 χ^2 /NDF: 218706.4/5

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

Right Out: 80.349 $\pm$ 0.033 χ^2 /NDF: 223626.7/7

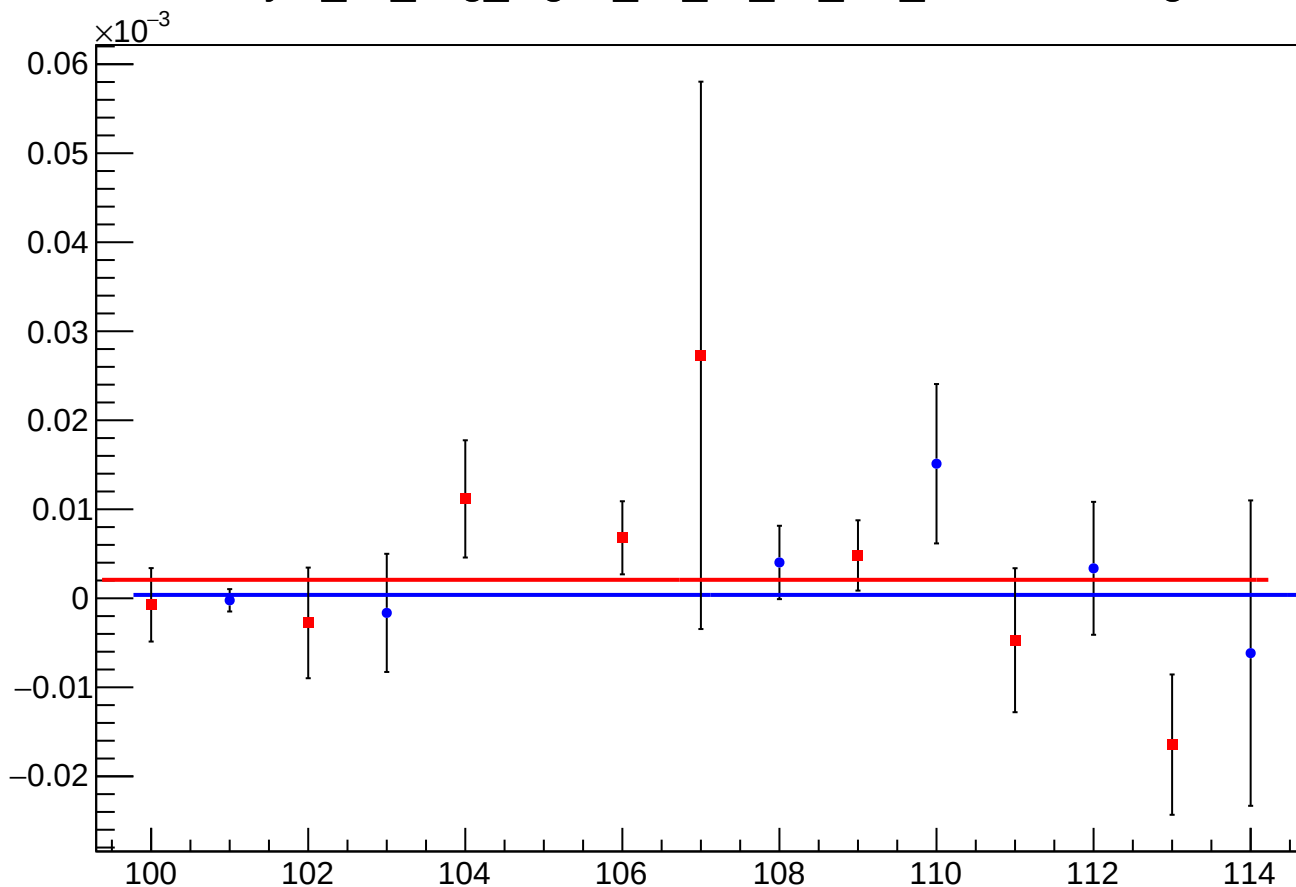
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 77.585 $\pm$ 0.024 χ^2 /NDF: 456781.1/13

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

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/7

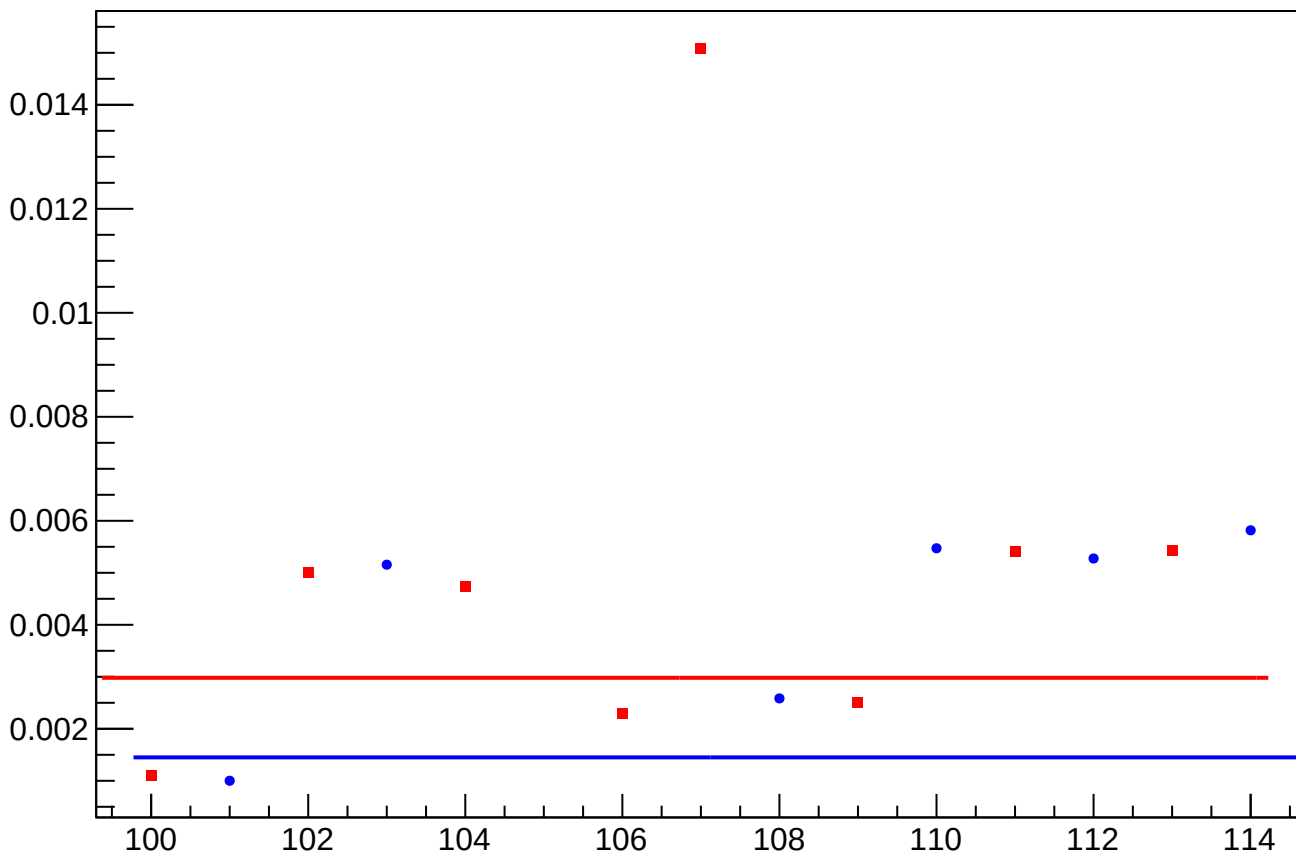
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/13

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

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2088831.1/5

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1531874.6/7

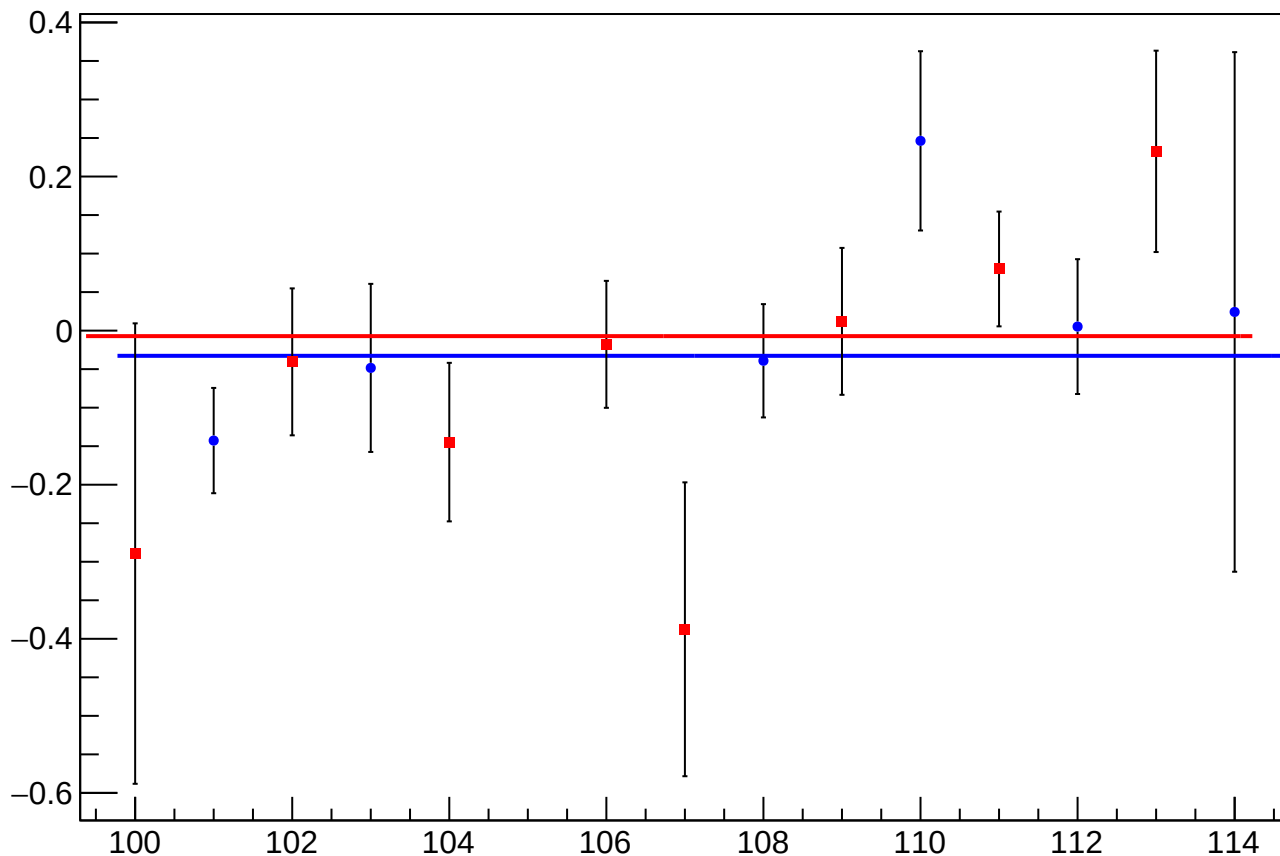
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4534115.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.033 $\pm$ 0.038 χ^2 /NDF: 8.6/5

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

Right Out: -0.007 $\pm$ 0.037 χ^2 /NDF: 11.6/7

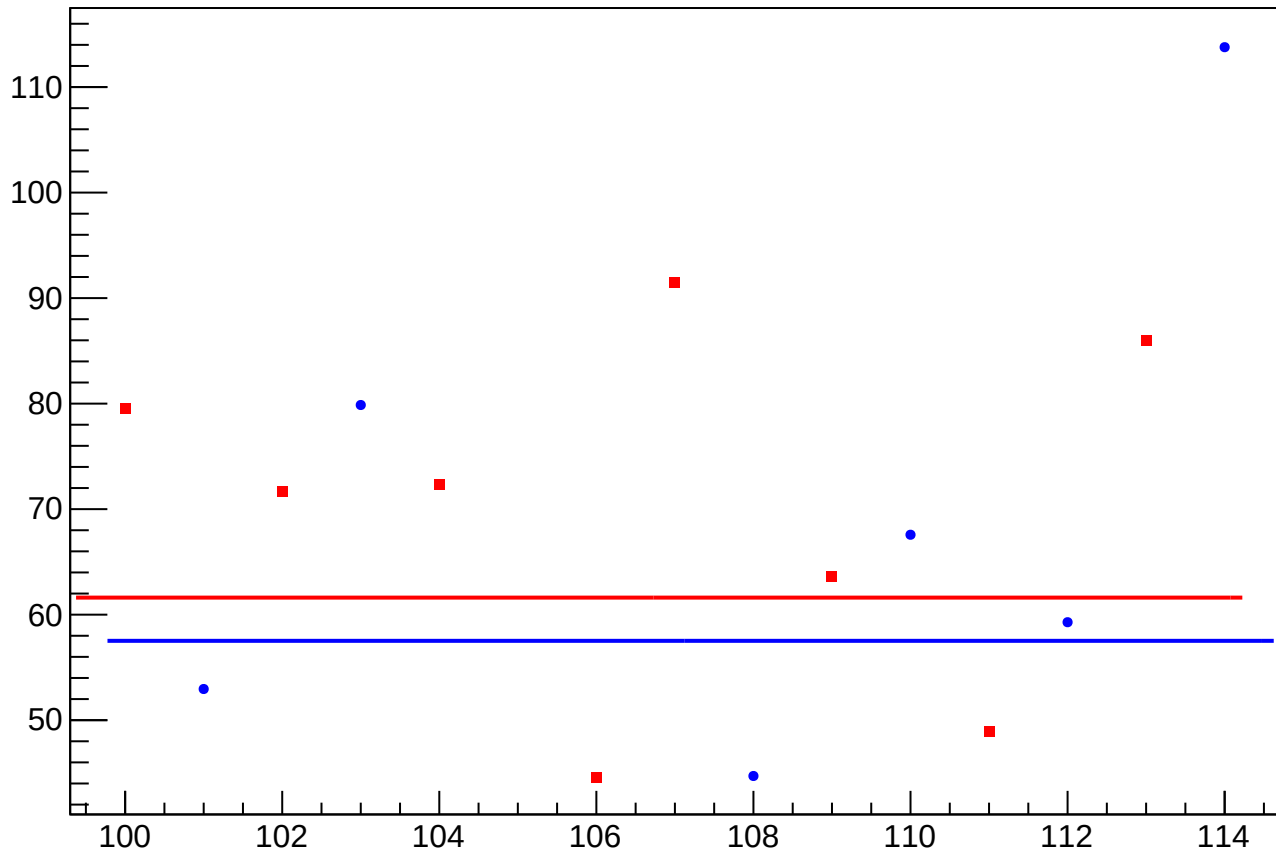
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.026 χ^2 /NDF: 20.4/13

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

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.520+/-0.027 χ^2/NDF : 224989.8/5

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

Right Out: 61.616+/-0.026 χ^2/NDF : 313844.4/7

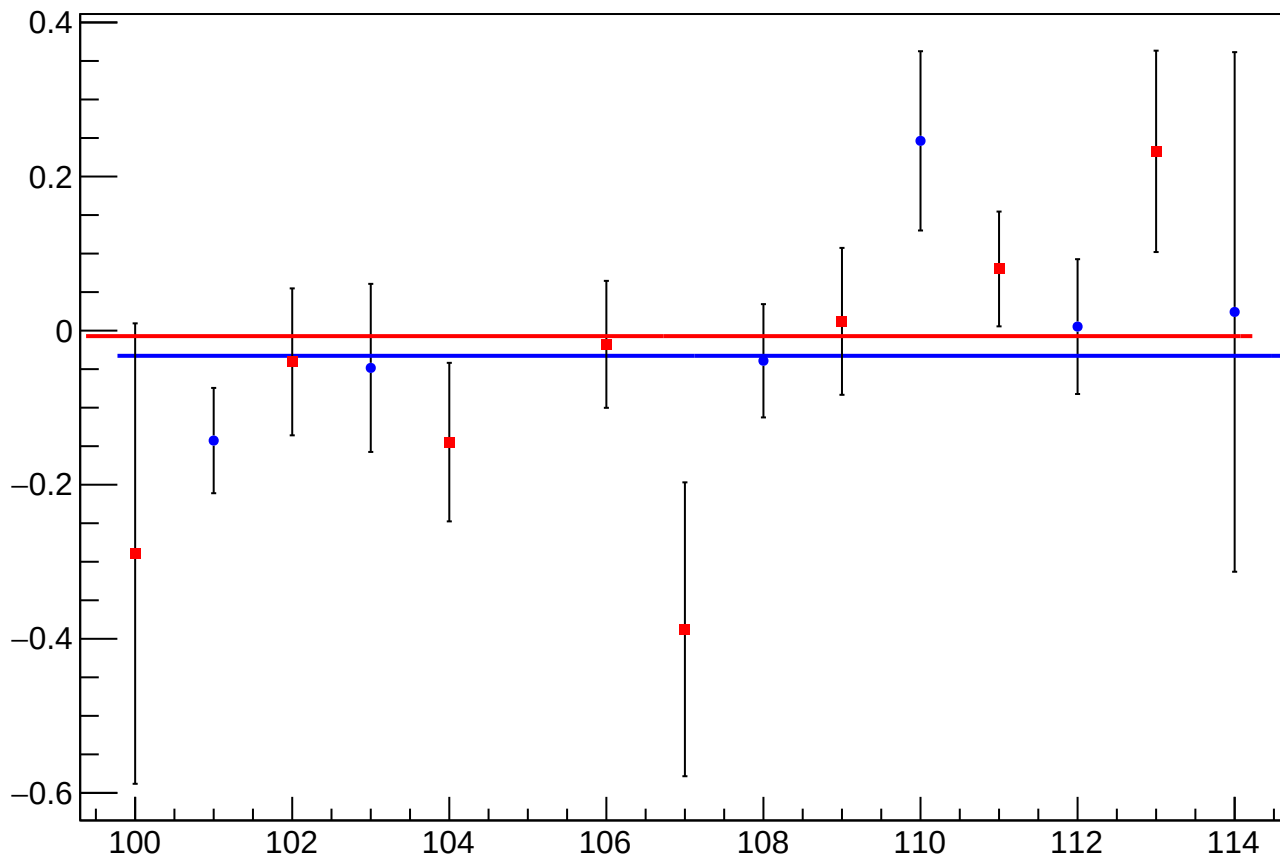
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.629+/-0.019 χ^2/NDF : 550871.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033 $\pm$ 0.038 χ^2 /NDF: 8.6/5

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

Right Out: -0.007 $\pm$ 0.037 χ^2 /NDF: 11.6/7

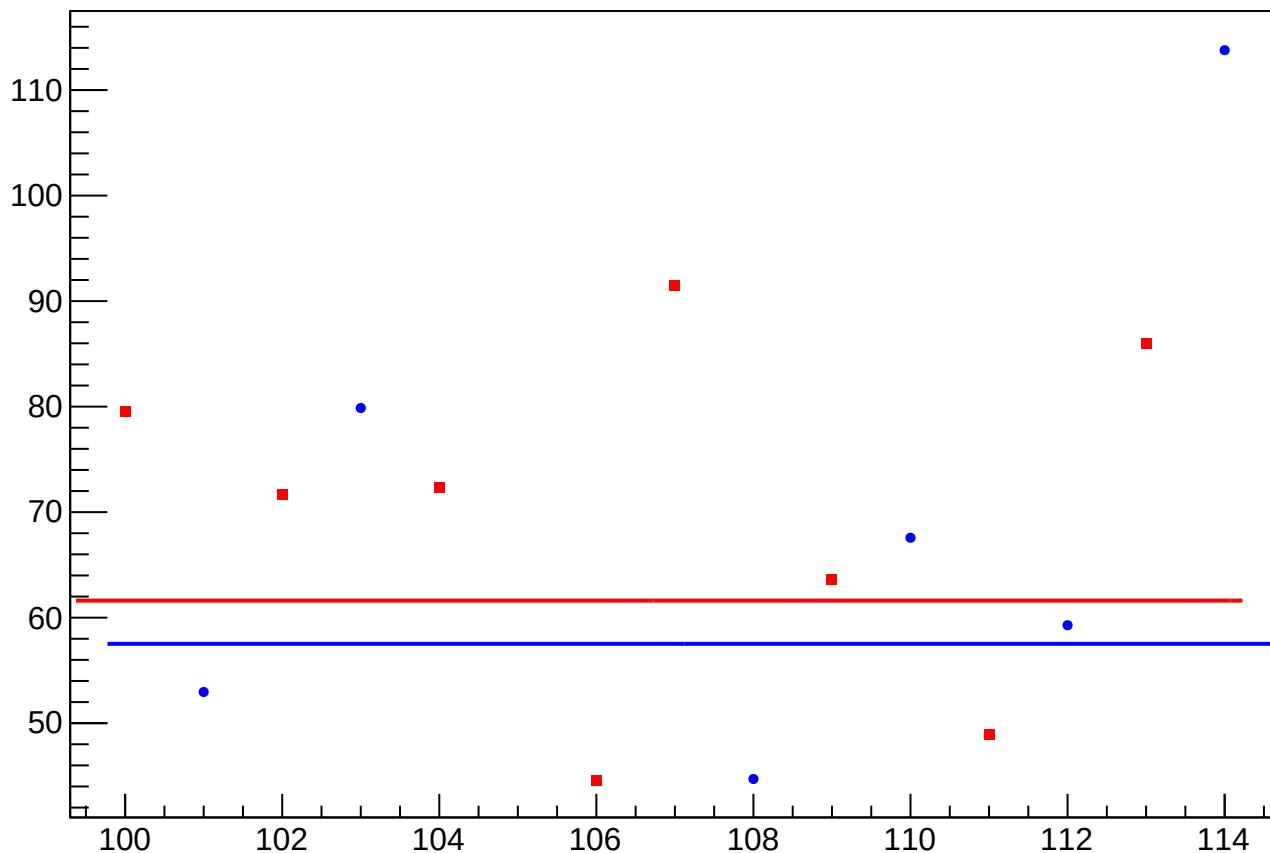
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.026 χ^2 /NDF: 20.4/13

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

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.520+/-0.027 χ^2/NDF : 224989.8/5

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

Right Out: 61.616+/-0.026 χ^2/NDF : 313844.4/7

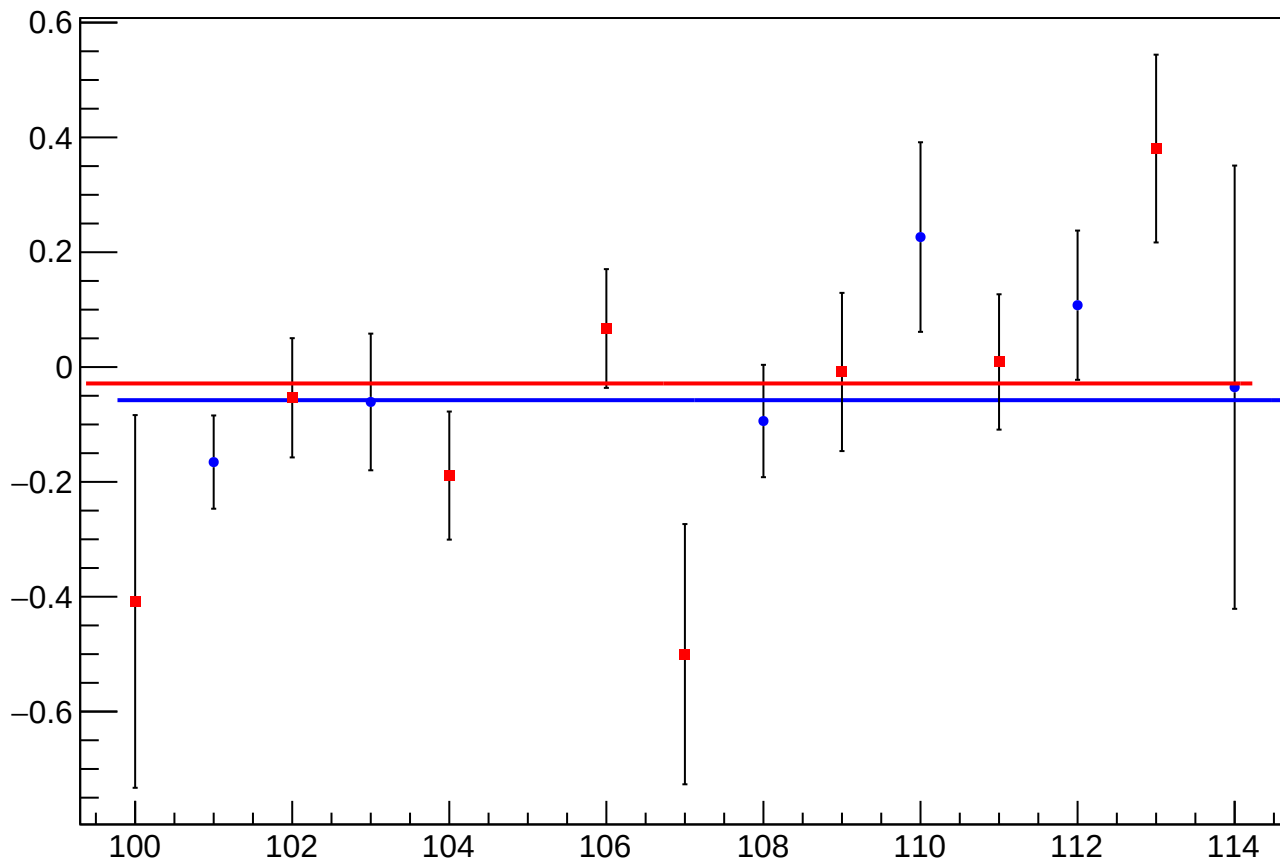
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.629+/-0.019 χ^2/NDF : 550871.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.058 $\pm$ 0.048 χ^2 /NDF: 6.5/5

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

Right Out: -0.029 $\pm$ 0.047 χ^2 /NDF: 15.1/7

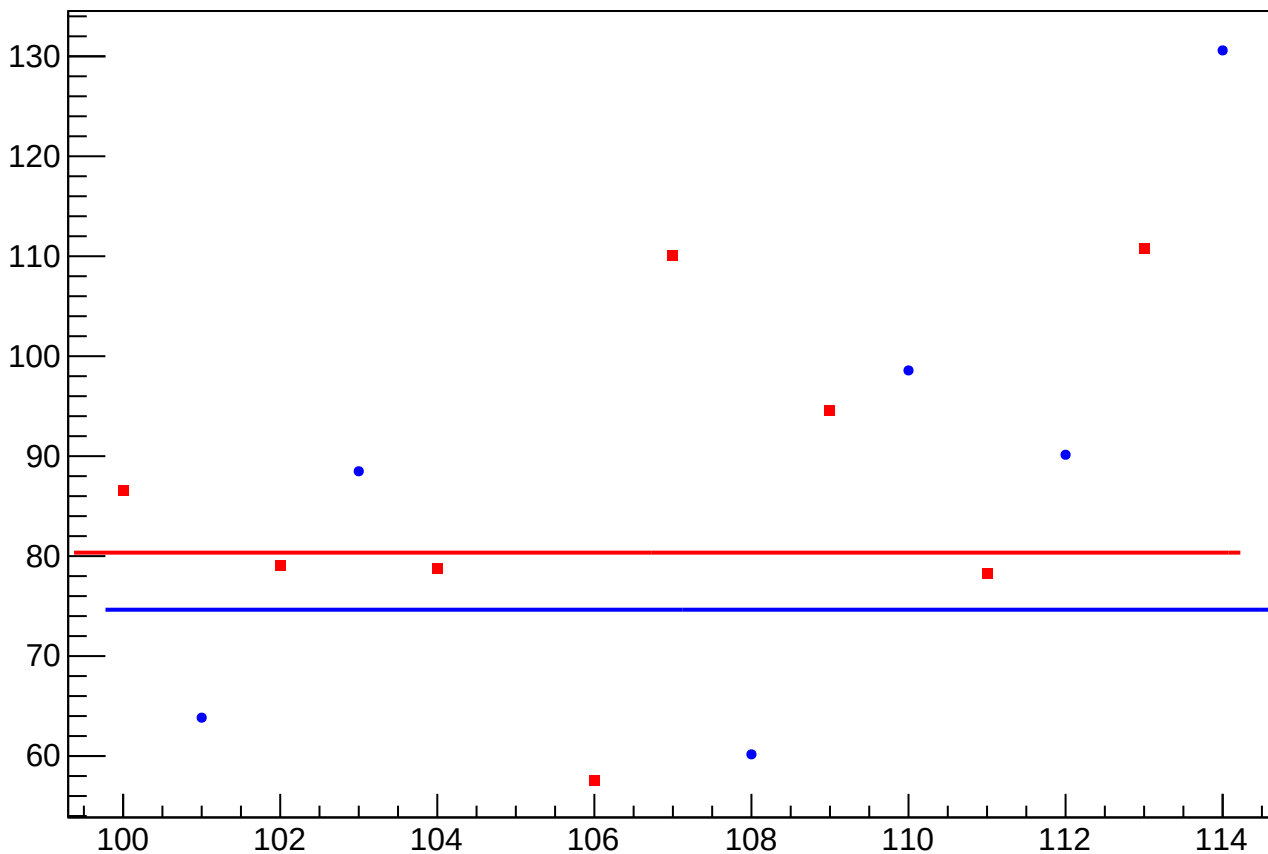
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.043 $\pm$ 0.034 χ^2 /NDF: 21.7/13

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

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 74.639+/-0.034 χ^2/NDF : 218707.9/5

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

Right Out: 80.349+/-0.033 χ^2/NDF : 223615.7/7

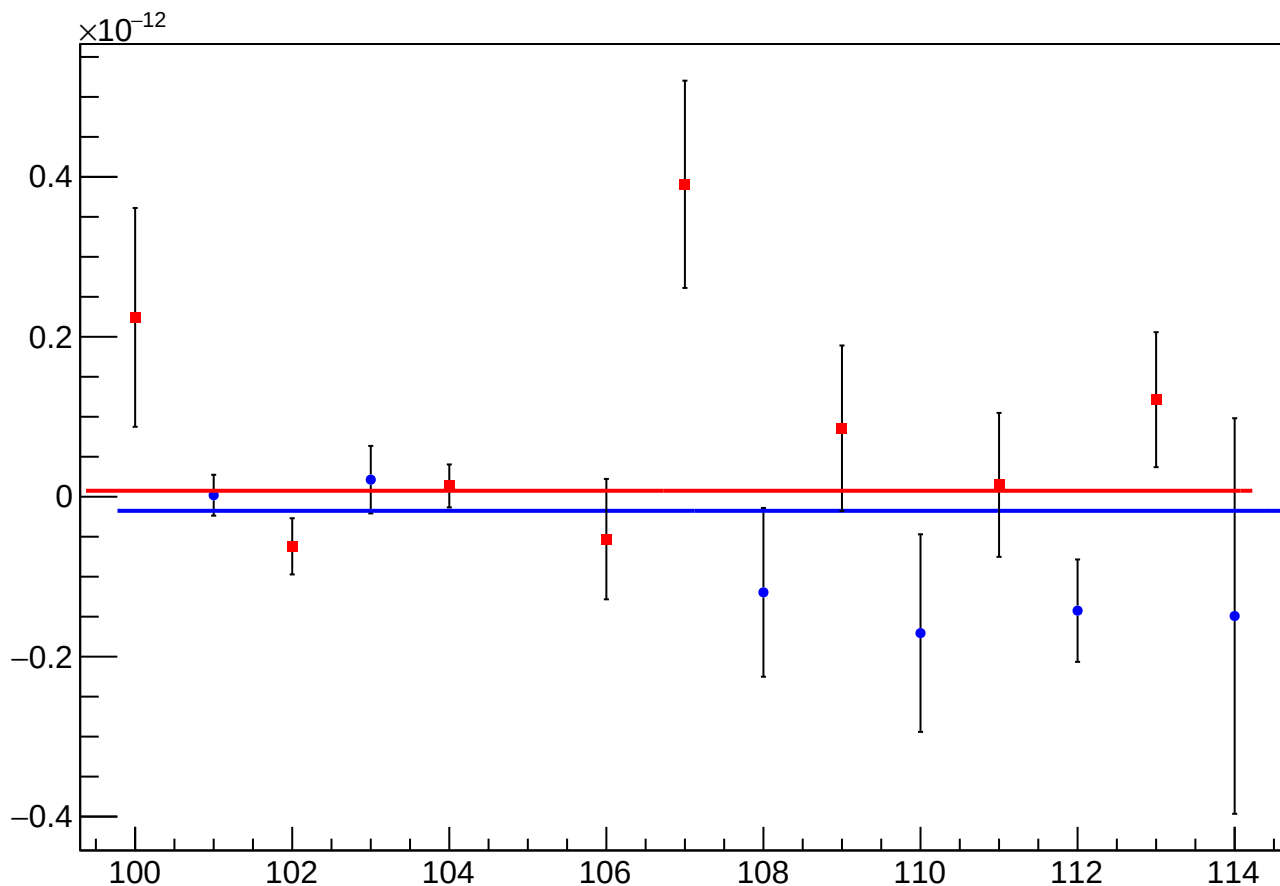
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.585+/-0.024 χ^2/NDF : 456769.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 18.3/7

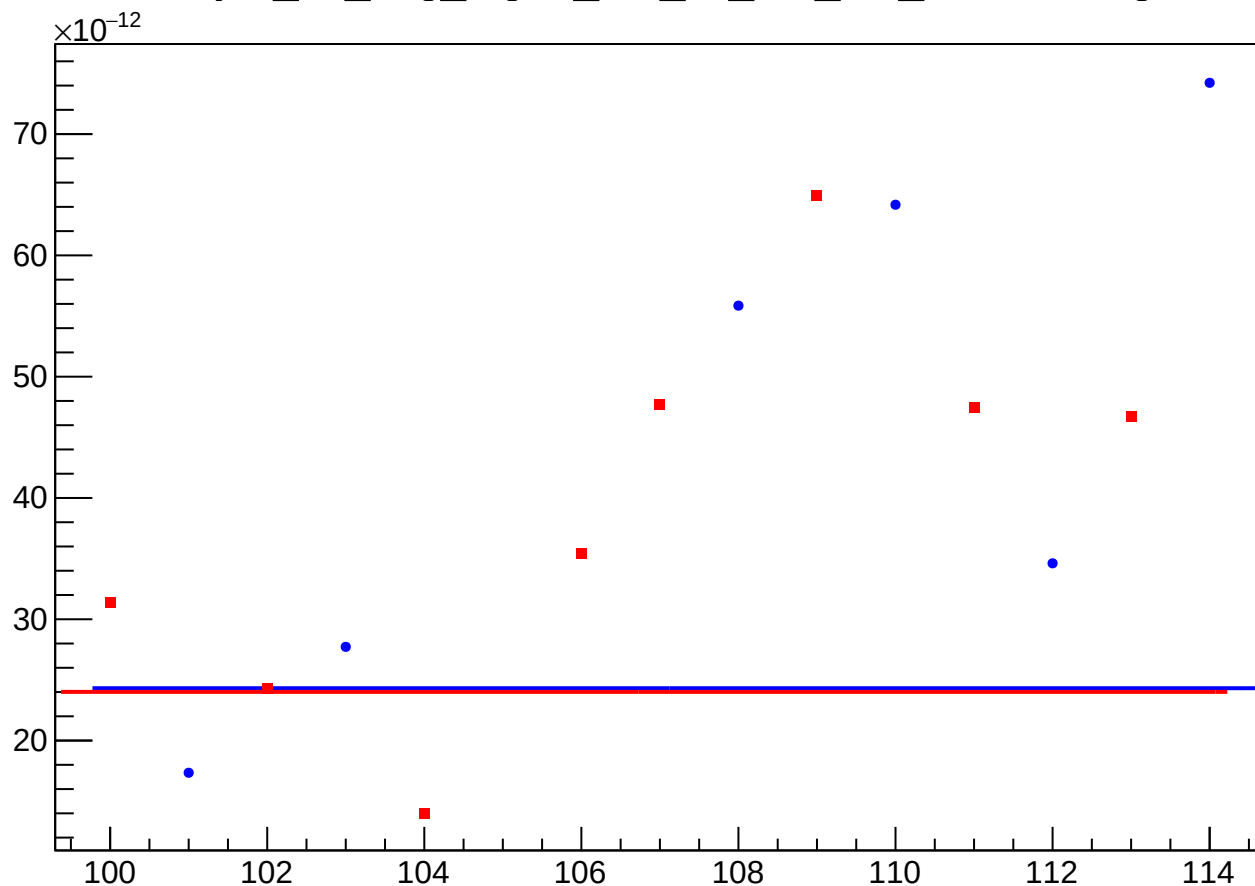
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 681872.1/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 990131.2/7

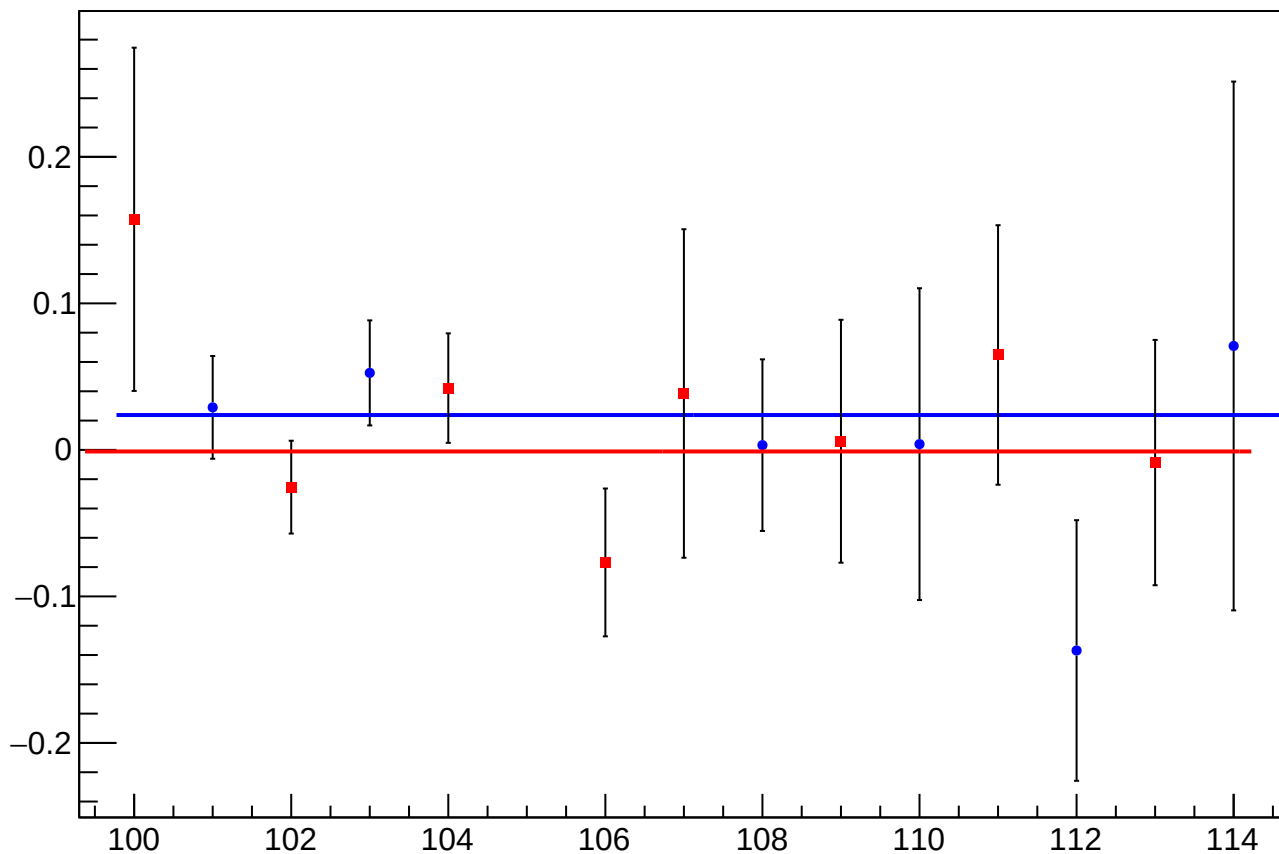
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1672245.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.022 χ^2 /NDF: 4.2/5

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

Right Out: -0.001 $\pm$ 0.019 χ^2 /NDF: 6.7/7

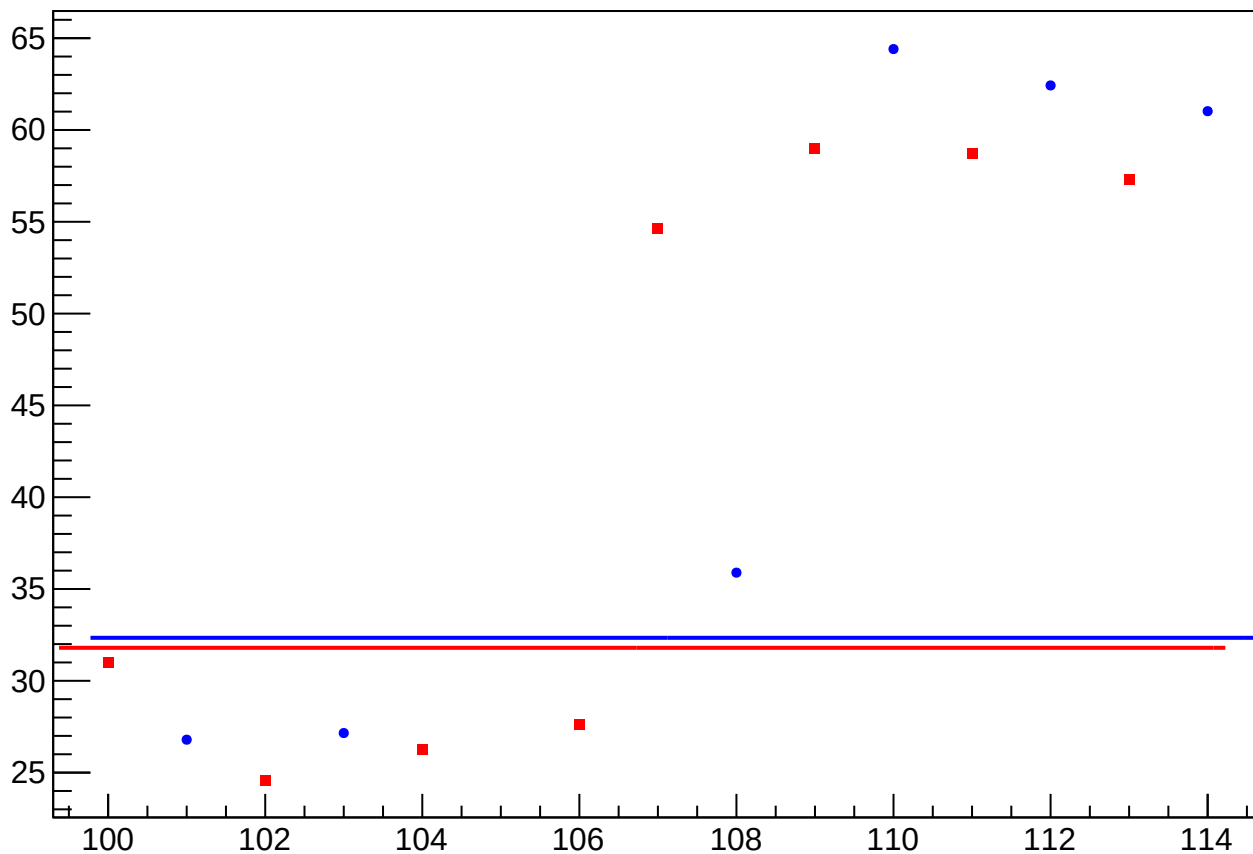
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 11.6/13

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

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug



Right In: 32.343+/-0.015 χ^2/NDF : 560366.8/5

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

Right Out: 31.798+/-0.014 χ^2/NDF : 830908.6/7

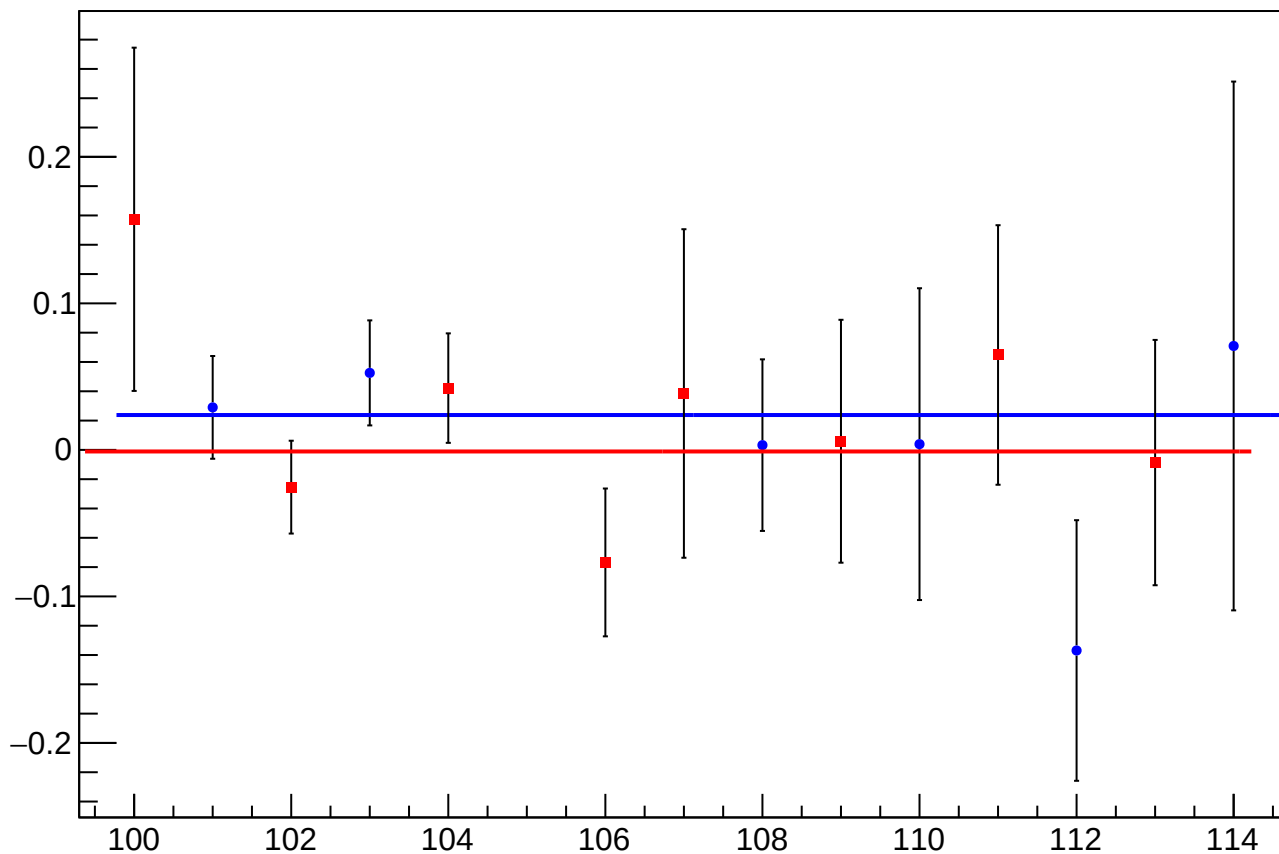
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.040+/-0.010 χ^2/NDF : 1391977.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.022 χ^2 /NDF: 4.2/5

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

Right Out: -0.001 $\pm$ 0.019 χ^2 /NDF: 6.7/7

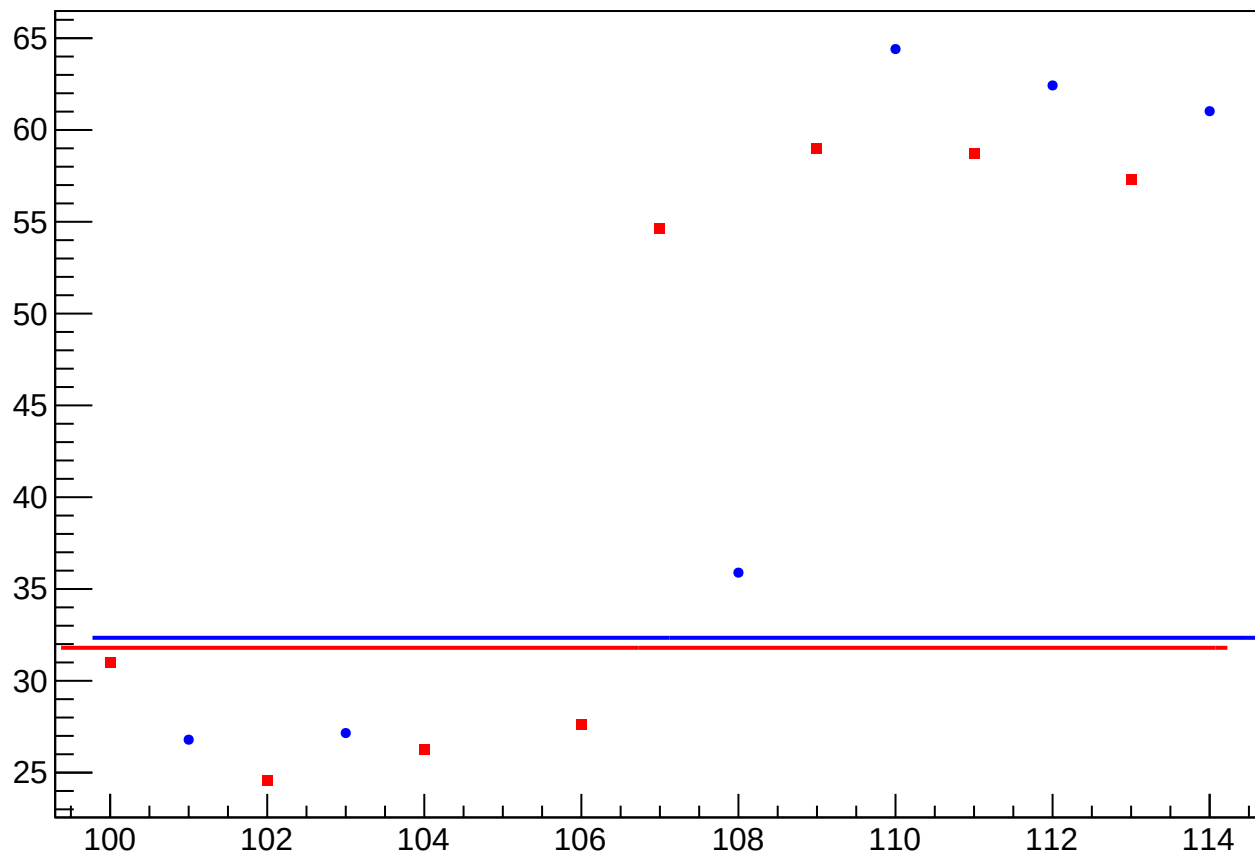
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 11.6/13

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

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 32.343+/-0.015 χ^2/NDF : 560366.8/5

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

Right Out: 31.798+/-0.014 χ^2/NDF : 830908.6/7

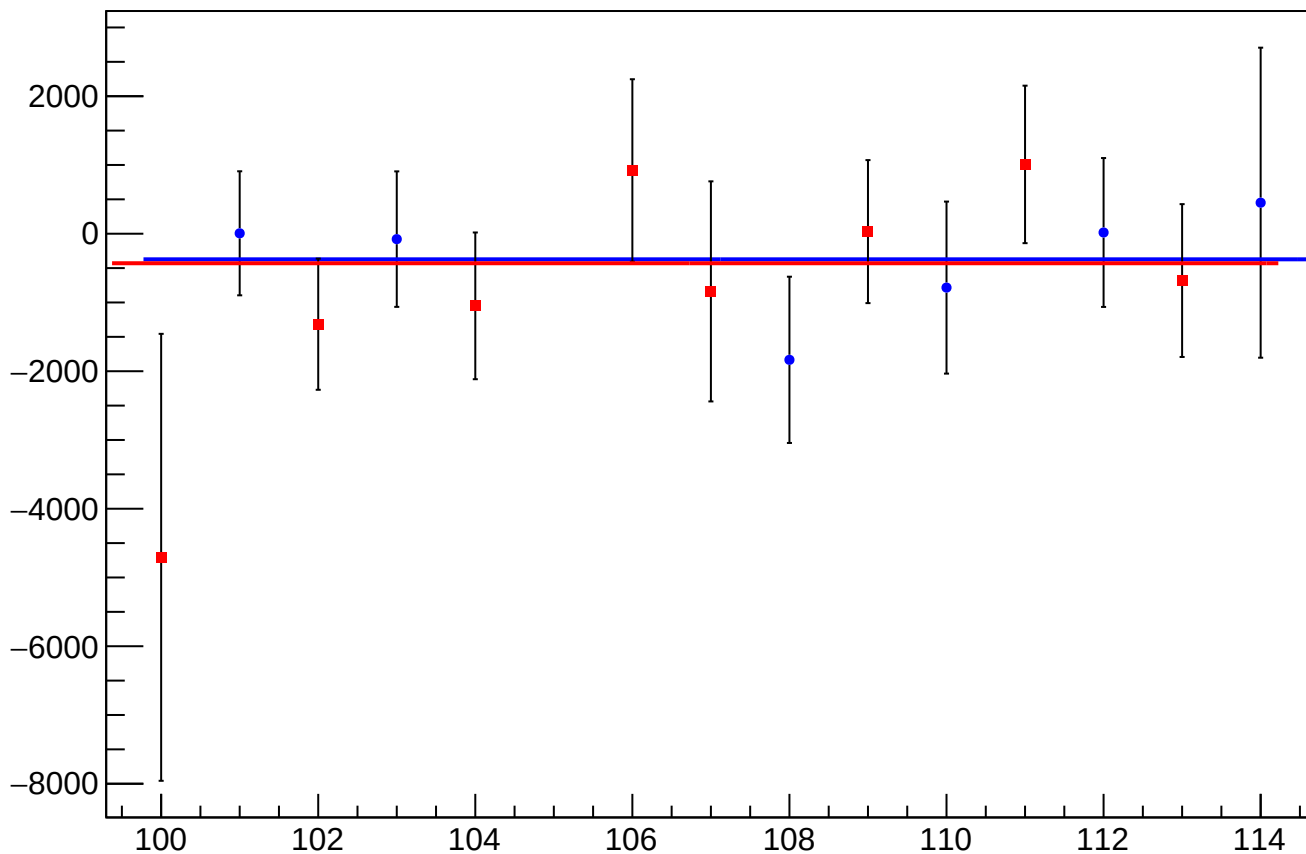
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.040+/-0.010 χ^2/NDF : 1391977.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -372.471+/-464.680 χ^2 /NDF: 2.1/5

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

Right Out: -429.467+/-425.372 χ^2 /NDF: 5.9/7

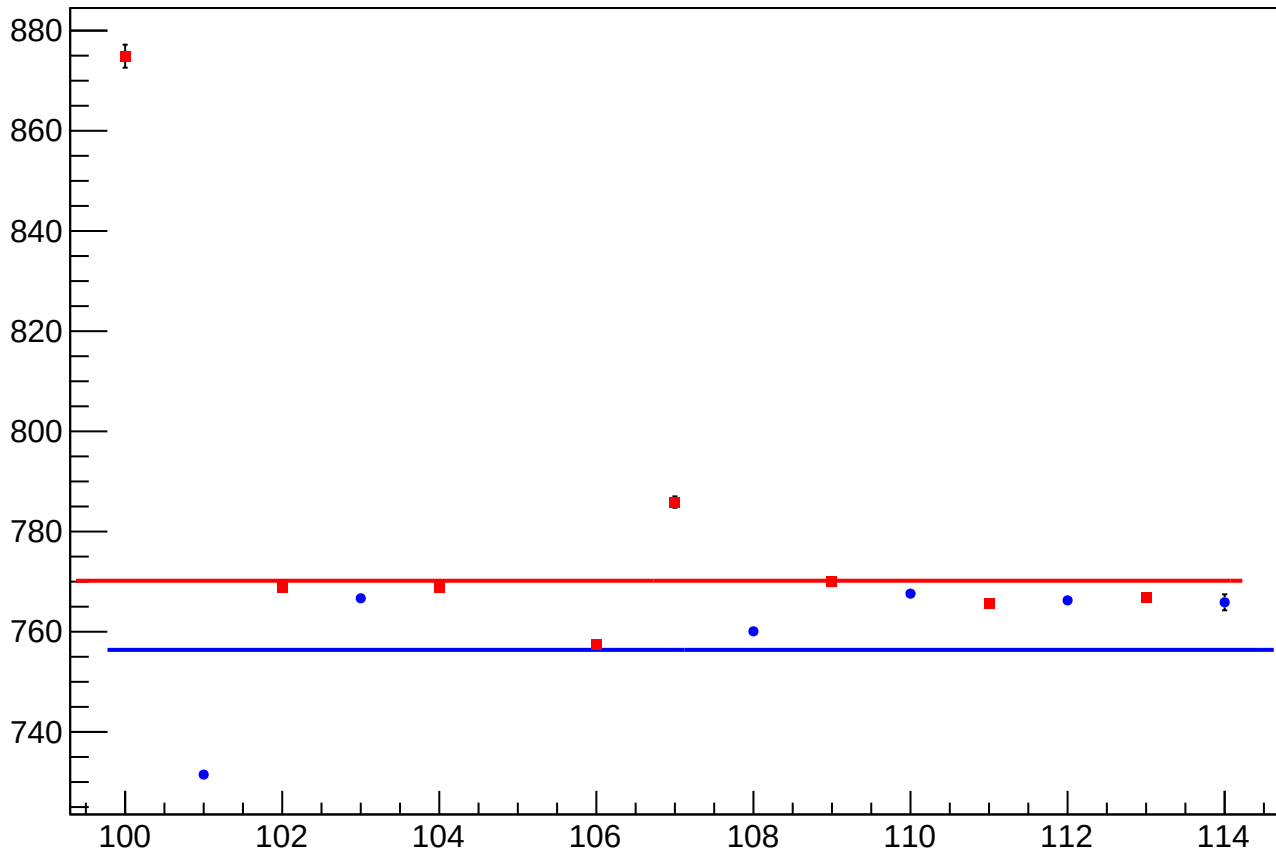
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -403.481+/-313.761 χ^2 /NDF: 8.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_rms vs Slug



Right In: 756.383 $\pm$ 0.329 χ^2 /NDF: 2124.0/5

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

Right Out: 770.182 $\pm$ 0.301 χ^2 /NDF: 2506.3/7

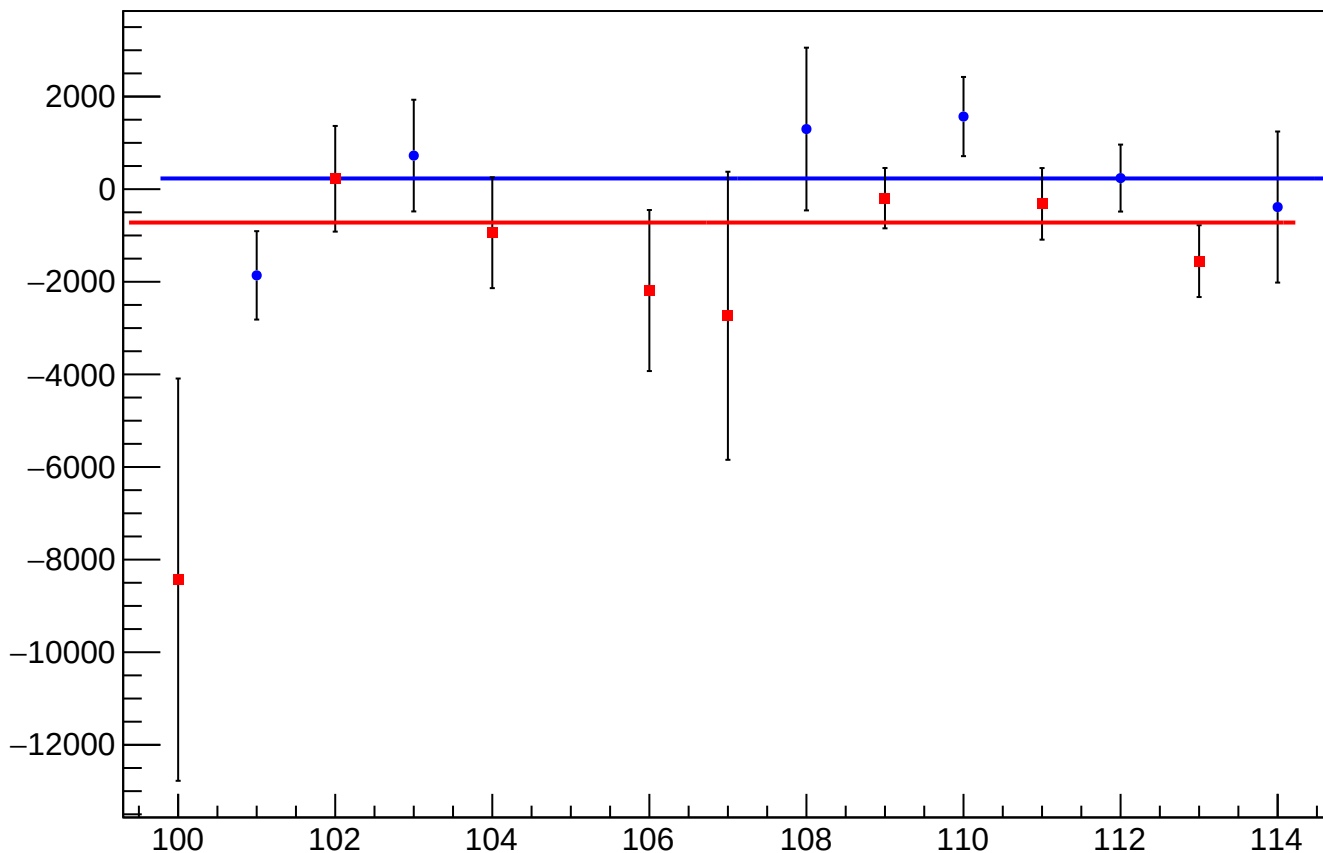
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 763.891 $\pm$ 0.222 χ^2 /NDF: 5589.8/13

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

asym_us_dd_reg_correction_mean vs Slug



Right In: 231.343 $\pm$ 416.508 χ^2 /NDF: 7.9/5

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

Right Out: -720.769 $\pm$ 361.656 χ^2 /NDF: 7.1/7

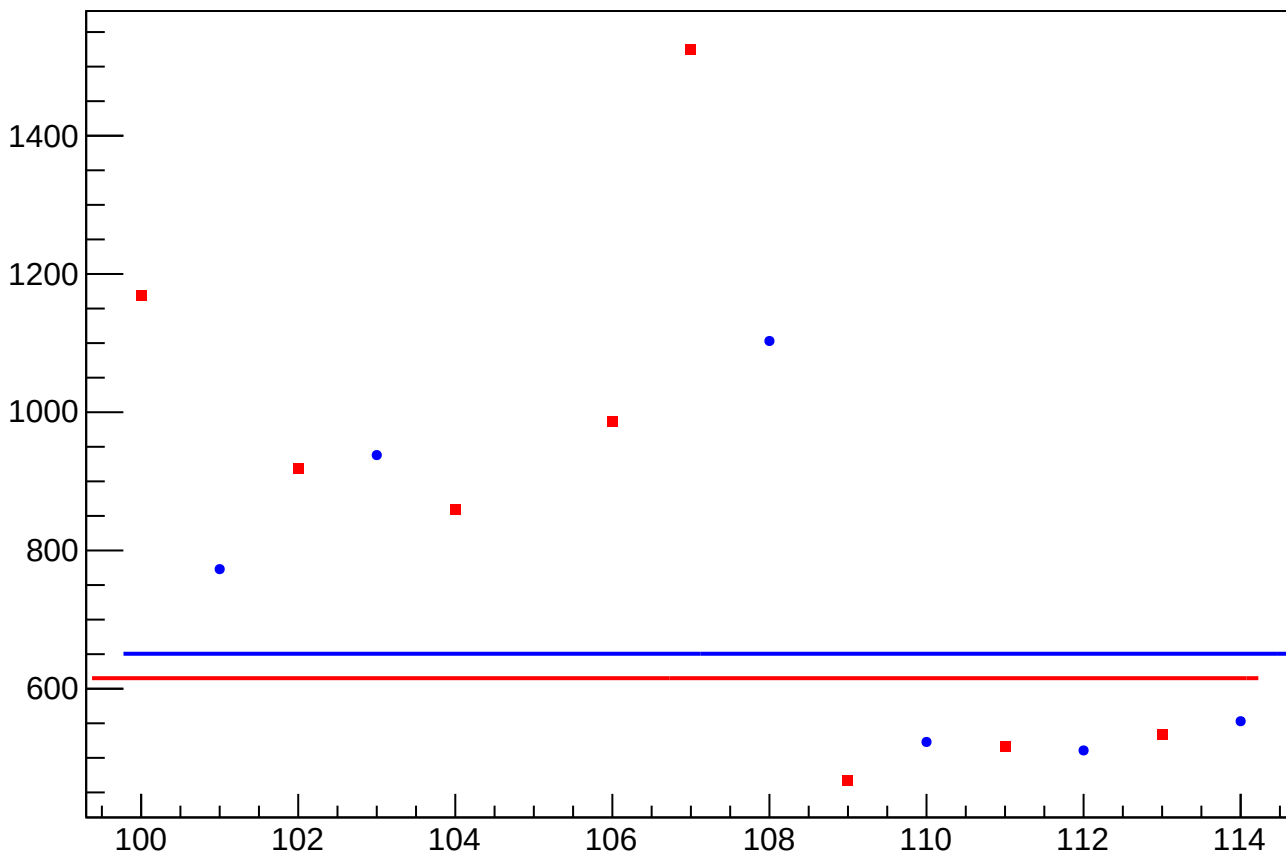
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -311.494 $\pm$ 273.078 χ^2 /NDF: 18.0/13

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

asym_us_dd_reg_correction_rms vs Slug



Right In: 650.602 $\pm$ 0.295 χ^2 /NDF: 405620.2/5

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

Right Out: 615.250 $\pm$ 0.256 χ^2 /NDF: 677807.8/7

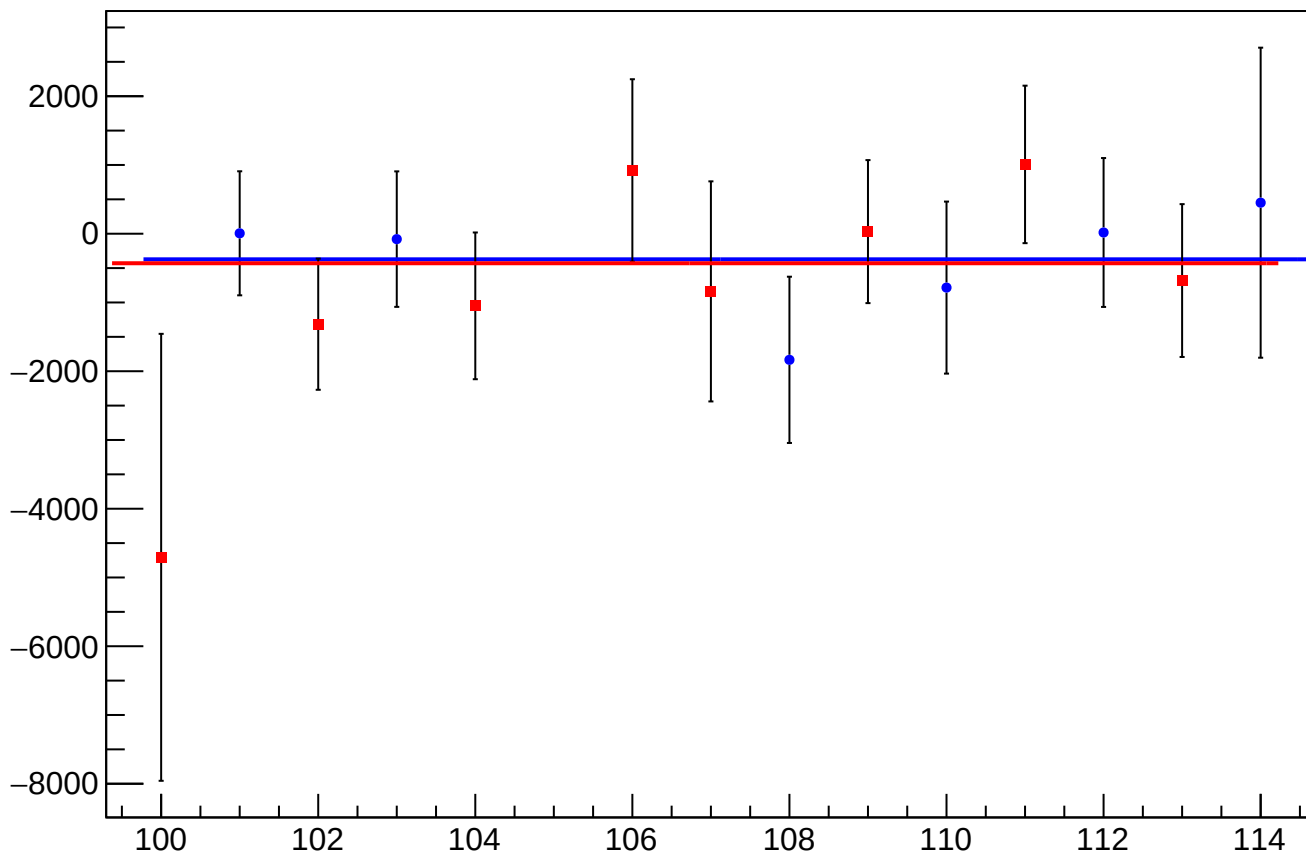
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 630.446 $\pm$ 0.193 χ^2 /NDF: 1091643.0/13

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

cor_asym_us_dd_mean vs Slug



Right In: -372.471+/-464.680 χ^2/NDF : 2.1/5

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

Right Out: -429.467+/-425.372 χ^2/NDF : 5.9/7

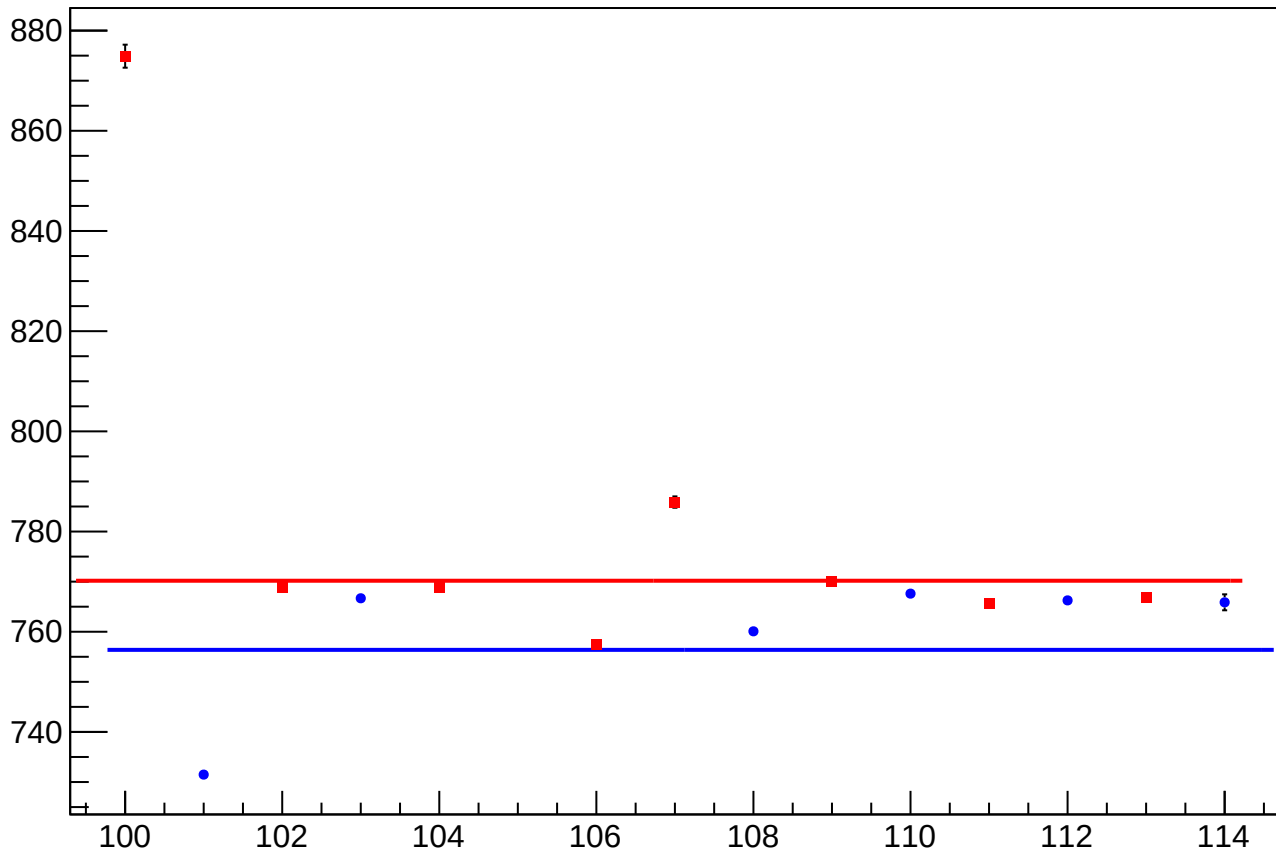
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.481+/-313.761 χ^2/NDF : 8.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



Right In: 756.383 $\pm$ 0.329 χ^2 /NDF: 2124.0/5

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

Right Out: 770.182 $\pm$ 0.301 χ^2 /NDF: 2506.3/7

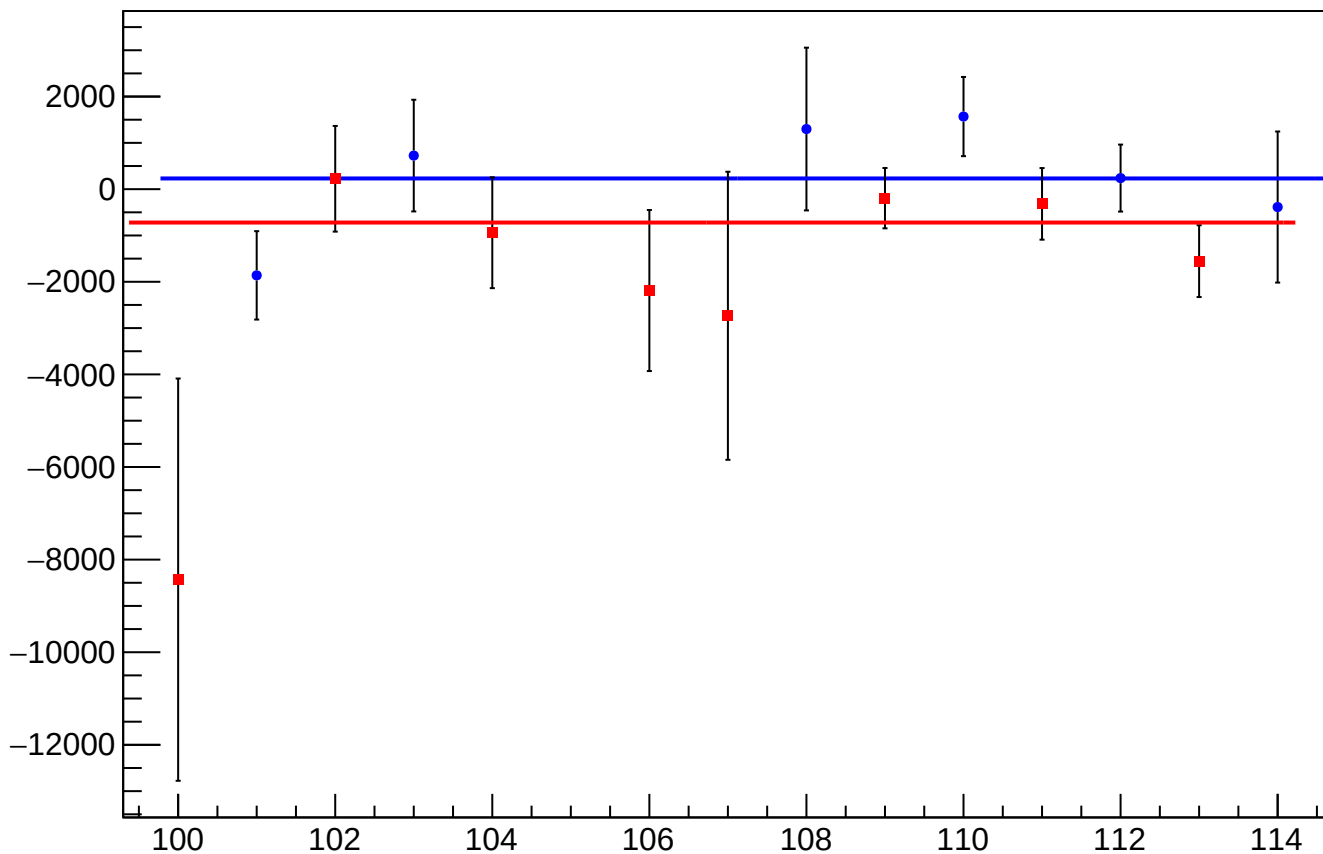
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 763.891 $\pm$ 0.222 χ^2 /NDF: 5589.8/13

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

asym_us_dd_cor_correction_mean vs Slug



Right In: 231.343+/-416.508 χ^2/NDF : 7.9/5

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

Right Out: -720.769+/-361.656 χ^2/NDF : 7.1/7

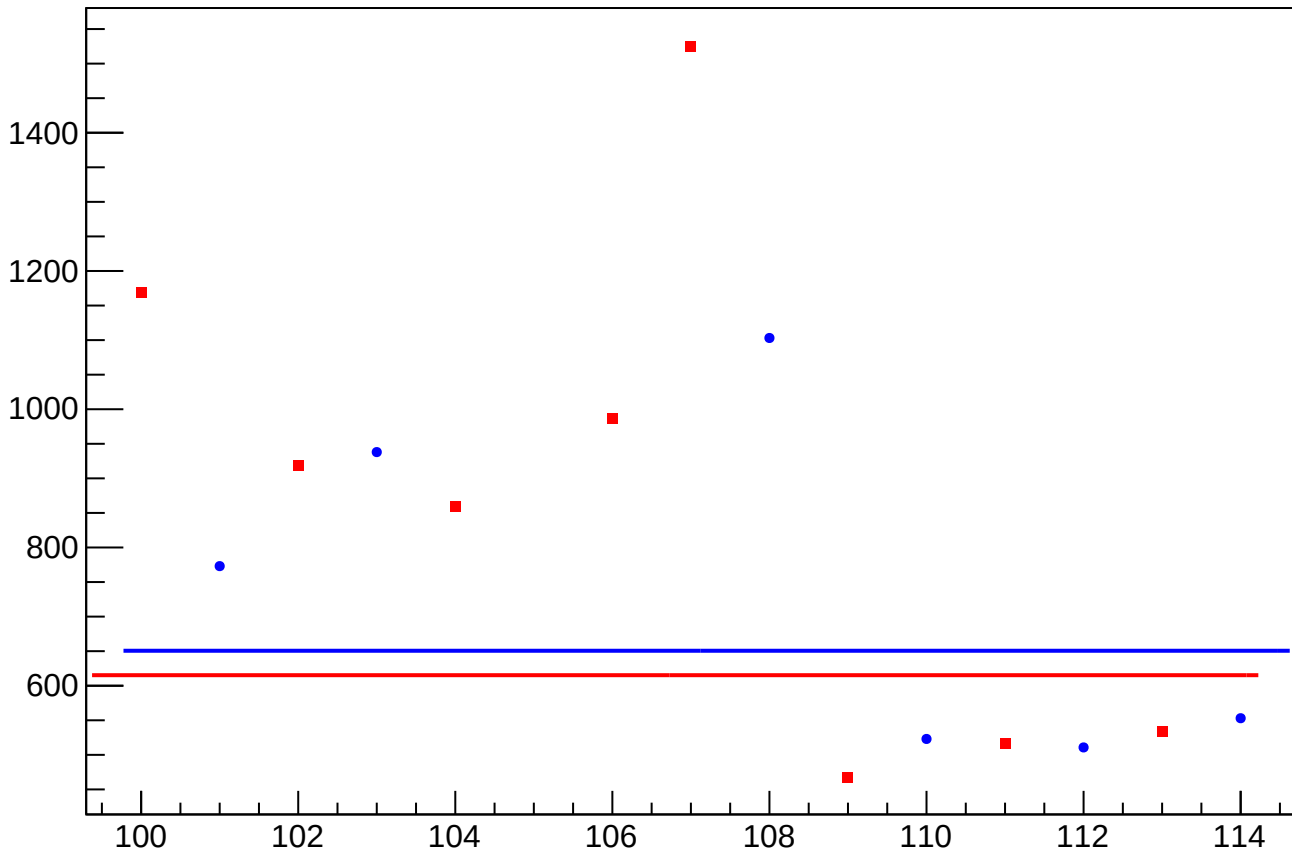
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.494+/-273.078 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_cor_correction_rms vs Slug



Right In: 650.602 $\pm$ 0.295 χ^2 /NDF: 405620.2/5

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

Right Out: 615.250 $\pm$ 0.256 χ^2 /NDF: 677807.8/7

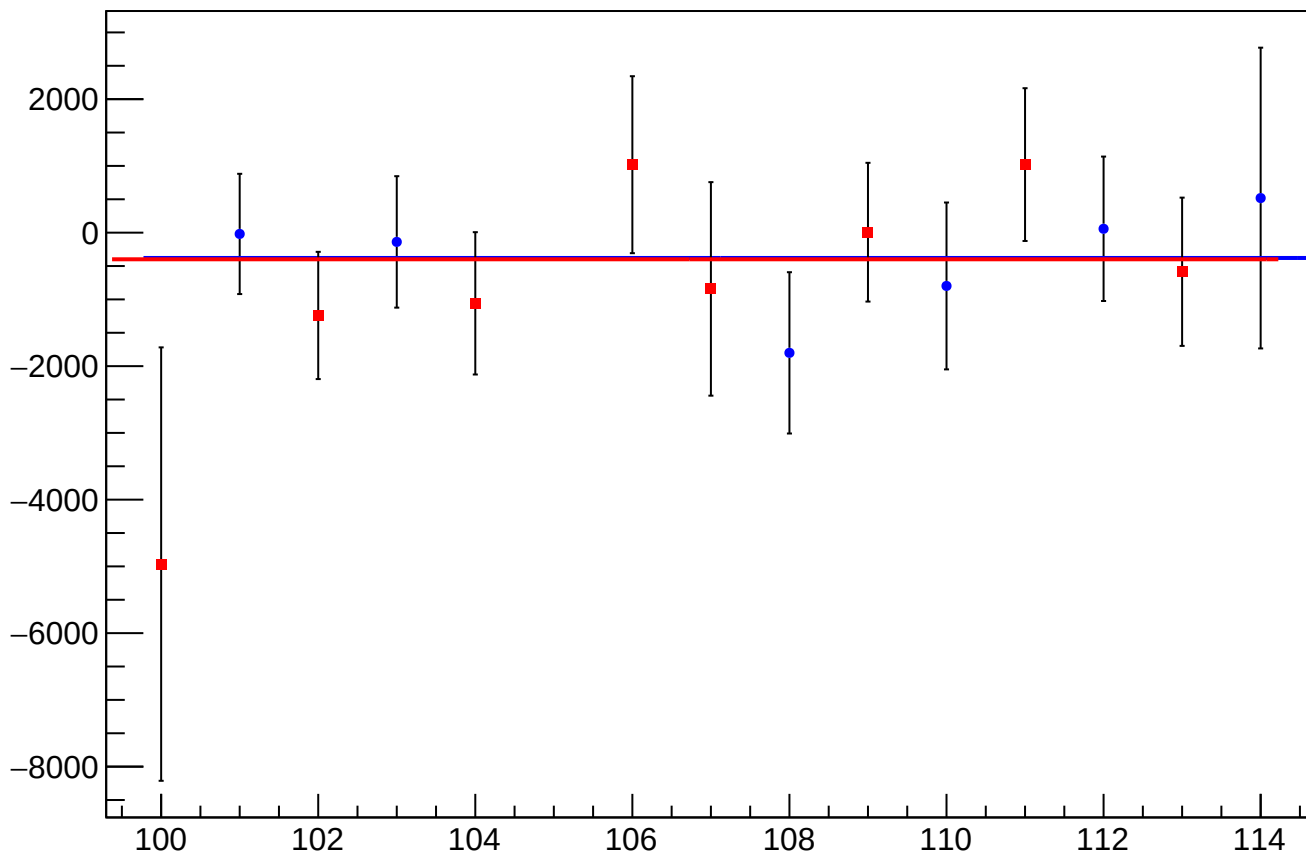
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 630.446 $\pm$ 0.193 χ^2 /NDF: 1091643.0/13

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

overload_cor_asym_us_dd_mean vs Slug



Right In: -379.228 $\pm$ 464.237 χ^2 /NDF: 2.0/5

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

Right Out: -399.003 $\pm$ 425.036 χ^2 /NDF: 6.1/7

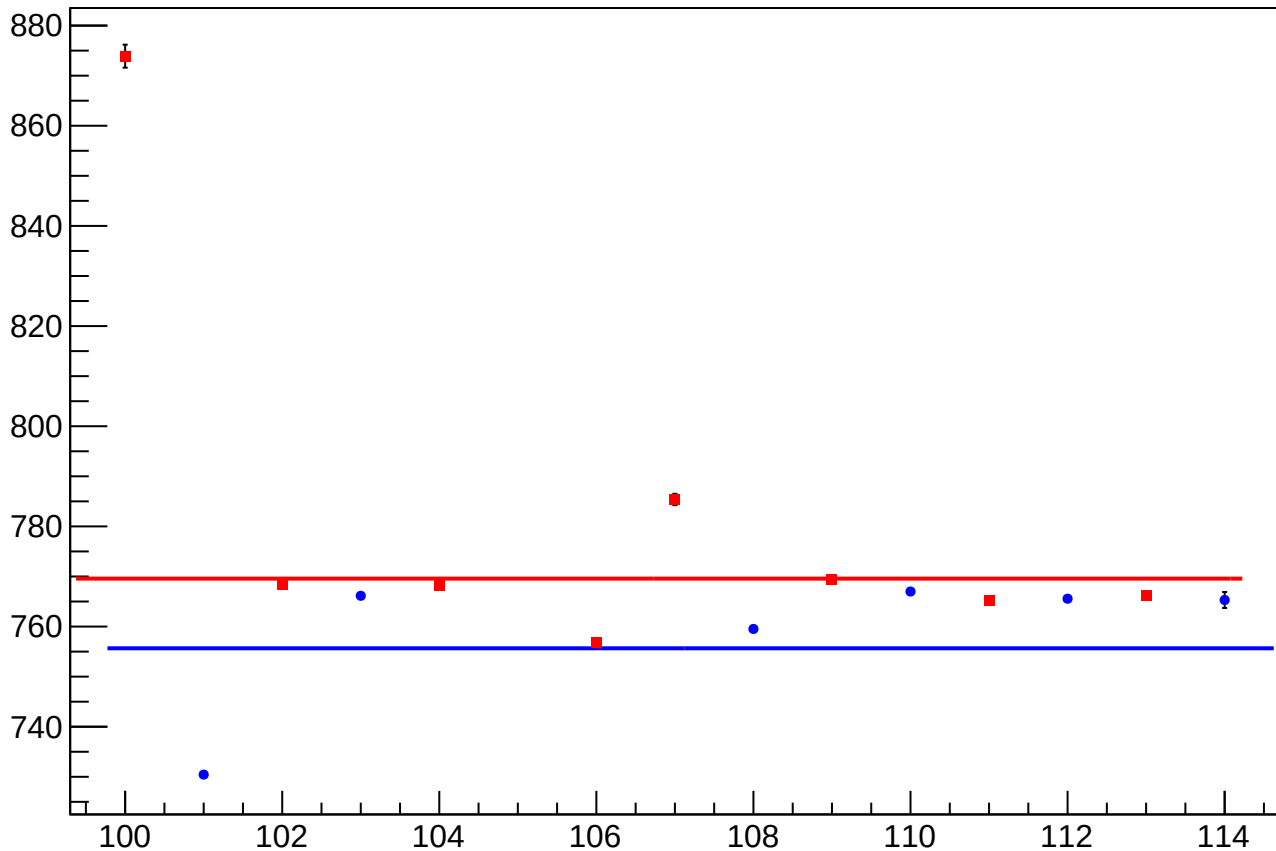
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -389.985 $\pm$ 313.490 χ^2 /NDF: 8.1/13

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

overload_cor_asym_us_dd_rms vs Slug



Right In: 755.658 $\pm$ 0.328 χ^2 /NDF: 2183.8/5

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

Right Out: 769.574 $\pm$ 0.301 χ^2 /NDF: 2500.2/7

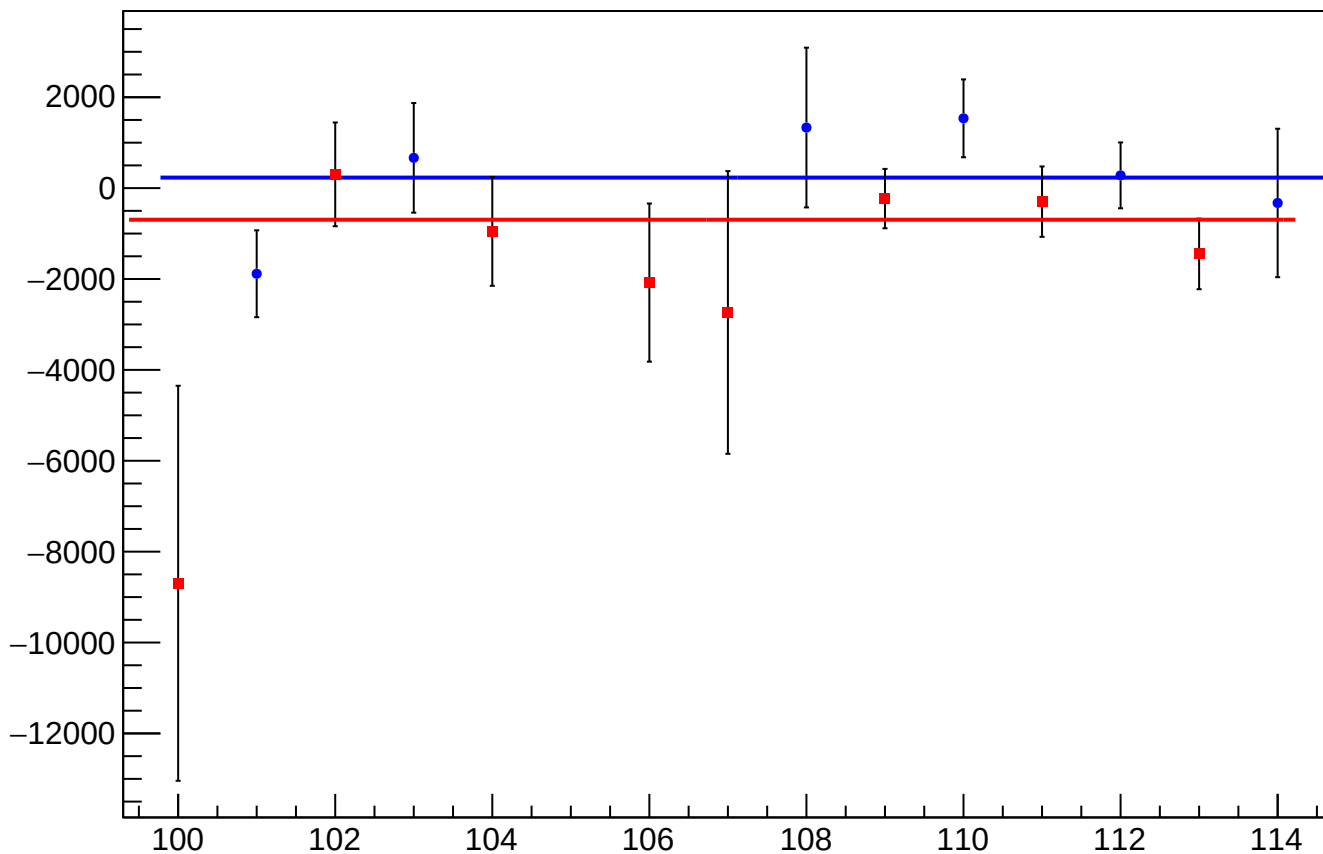
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 763.228 $\pm$ 0.222 χ^2 /NDF: 5661.5/13

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

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: 231.620 ± 417.136 χ^2/NDF : 7.9/5

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

Right Out: -695.243 ± 362.241 χ^2/NDF : 7.0/7

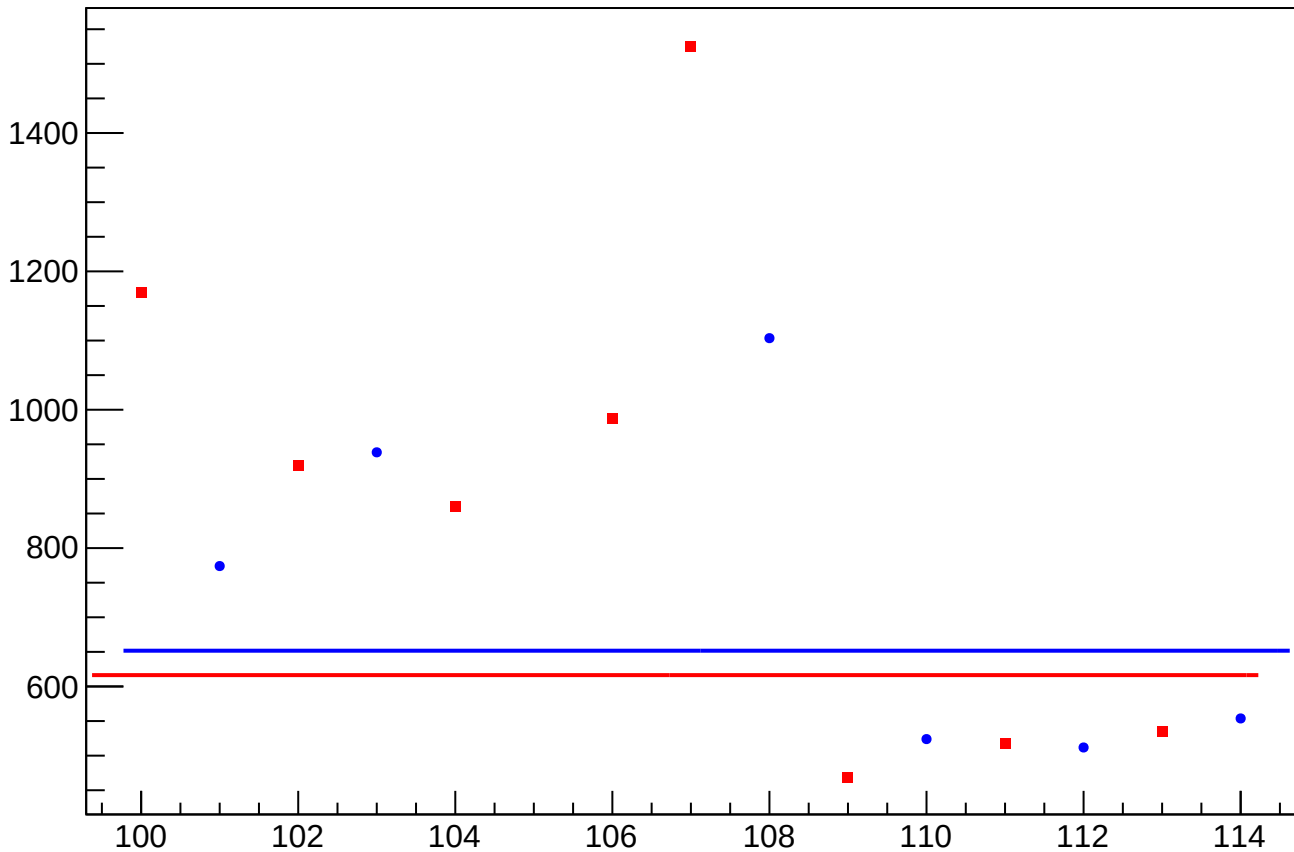
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -296.773 ± 273.507 χ^2/NDF : 17.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 651.693+/-0.295 χ^2/NDF : 404085.8/5

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

Right Out: 616.400+/-0.256 χ^2/NDF : 675262.9/7

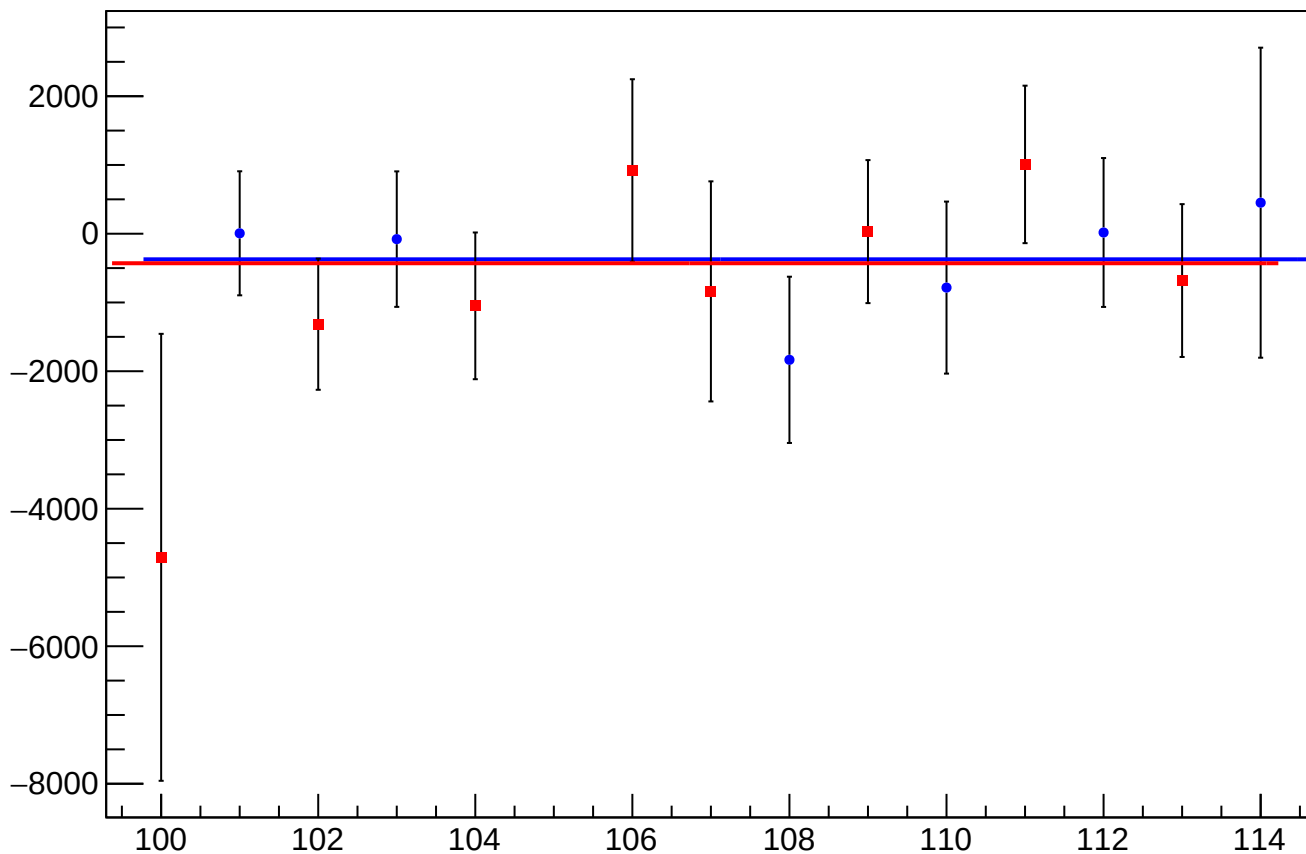
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.573+/-0.193 χ^2/NDF : 1087510.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



Right In: -372.471+/-464.680 χ^2 /NDF: 2.1/5

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

Right Out: -429.467+/-425.372 χ^2 /NDF: 5.9/7

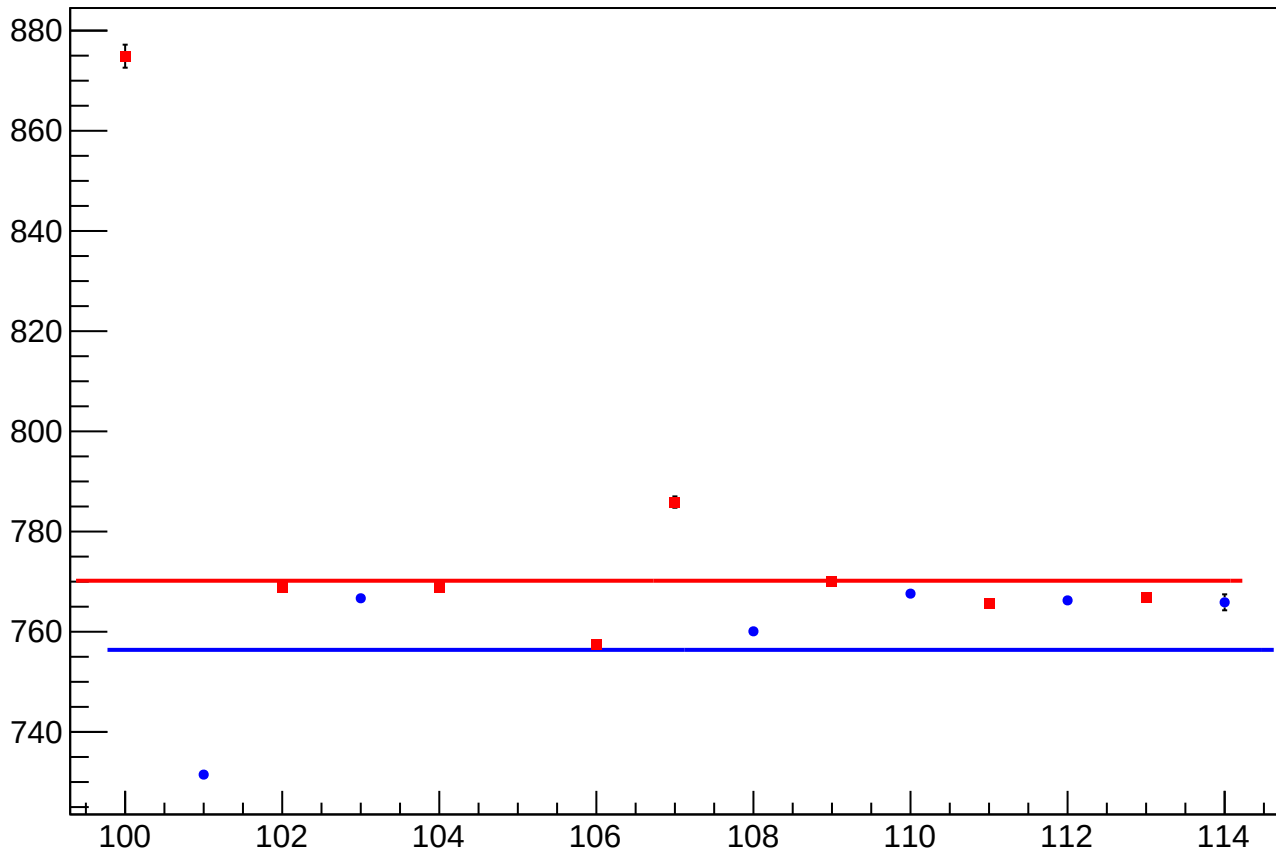
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -403.481+/-313.761 χ^2 /NDF: 8.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_rms vs Slug



Right In: 756.383 $\pm$ 0.329 χ^2 /NDF: 2124.0/5

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

Right Out: 770.182 $\pm$ 0.301 χ^2 /NDF: 2506.3/7

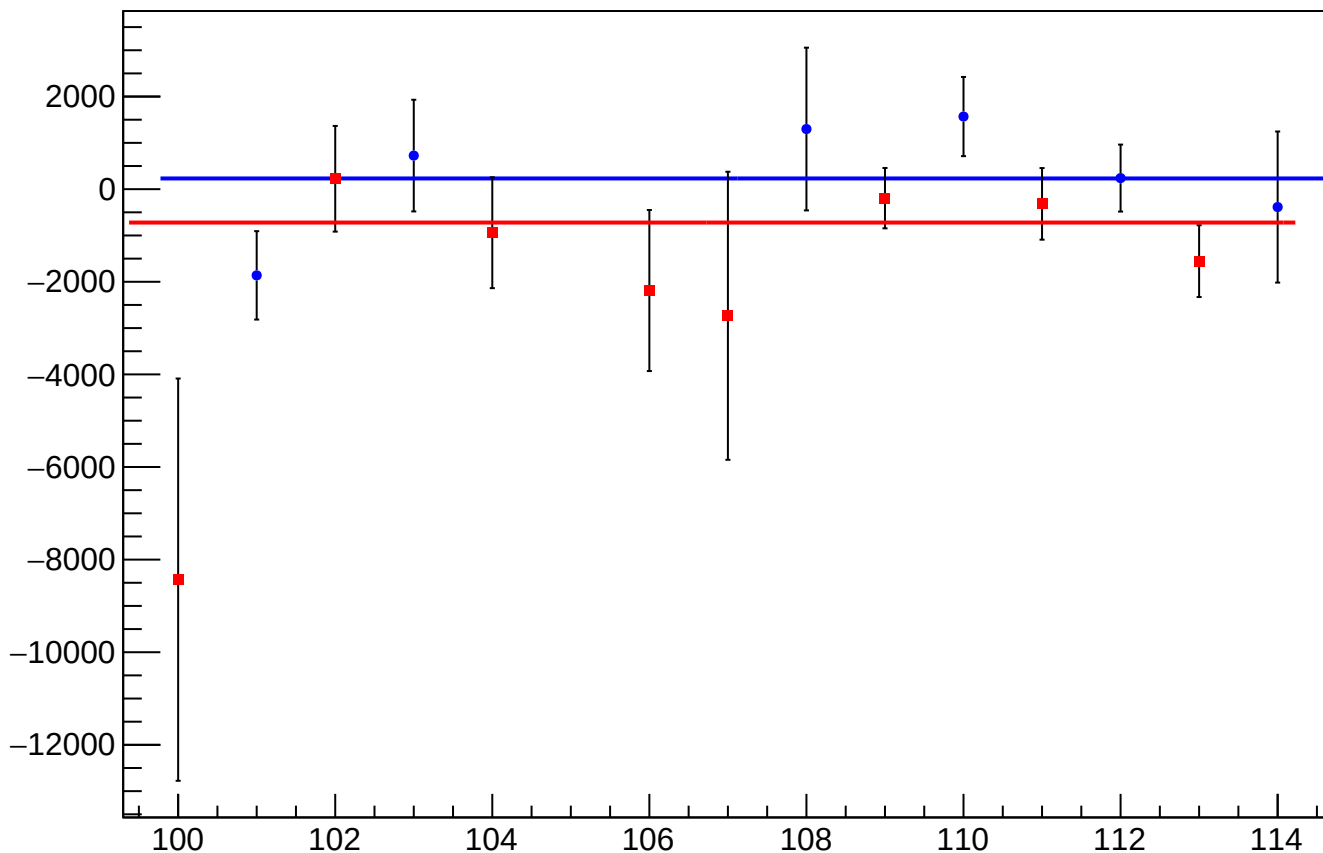
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 763.891 $\pm$ 0.222 χ^2 /NDF: 5589.8/13

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

asym_us_dd_eigen_cor_correction_mean vs Slug



Right In: 231.343+/-416.508 χ^2/NDF : 7.9/5

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

Right Out: -720.769+/-361.656 χ^2/NDF : 7.1/7

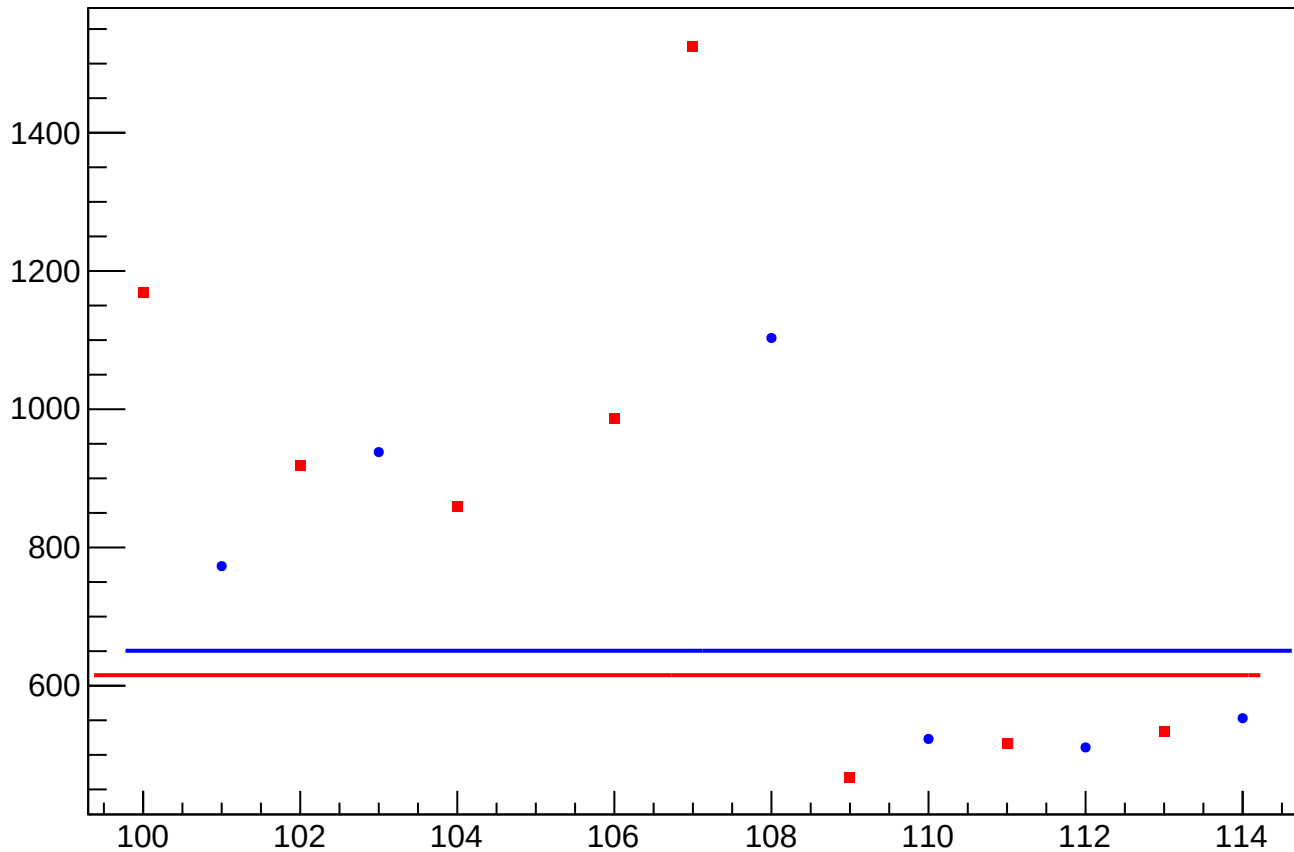
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.494+/-273.078 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 650.602 $\pm$ 0.295 χ^2 /NDF: 405620.2/5

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

Right Out: 615.250 $\pm$ 0.256 χ^2 /NDF: 677807.8/7

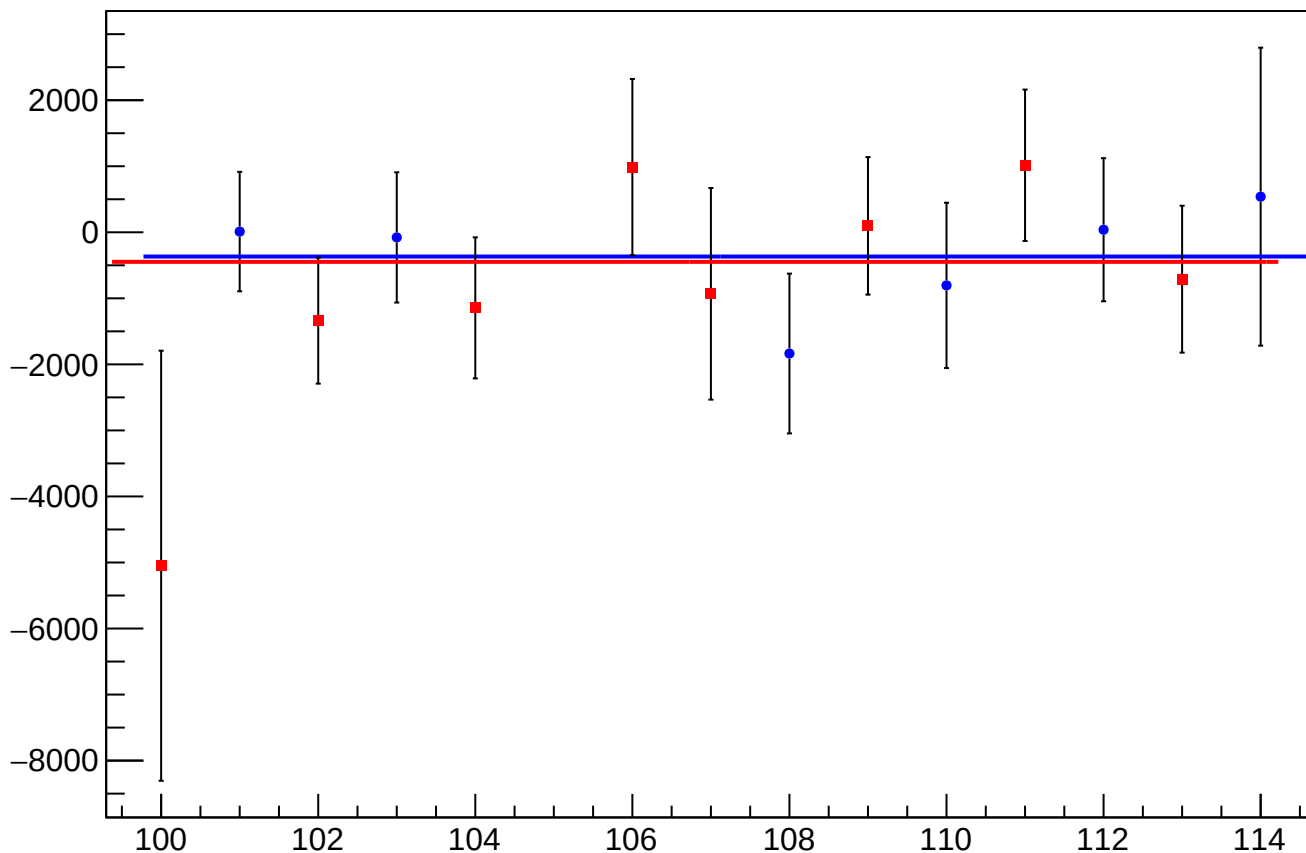
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 630.446 $\pm$ 0.193 χ^2 /NDF: 1091643.0/13

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

dit_asym_us_dd_mean vs Slug



Right In: -366.857+/-465.224 χ^2 /NDF: 2.2/5

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

Right Out: -447.500+/-425.904 χ^2 /NDF: 6.5/7

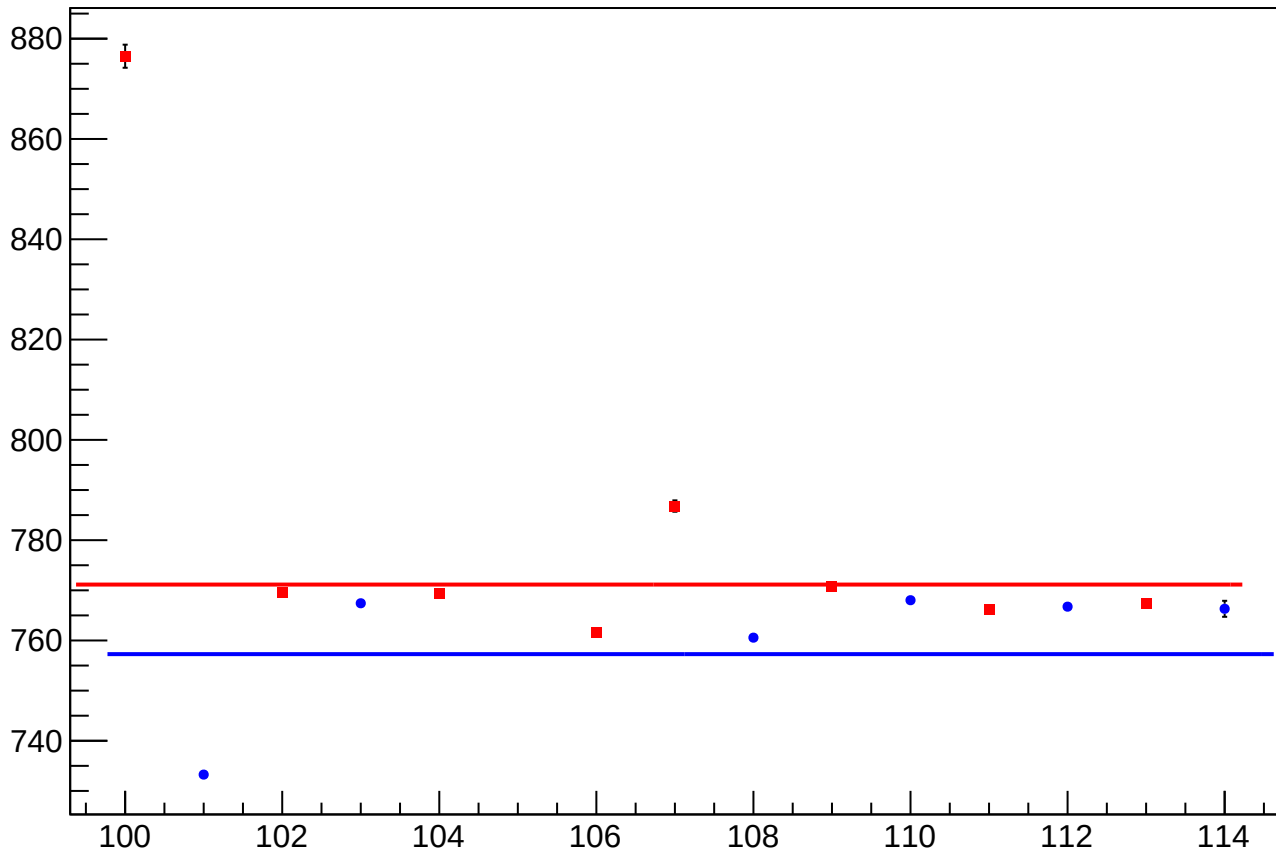
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -410.730+/-314.142 χ^2 /NDF: 8.7/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 757.277 $\pm$ 0.329 χ^2 /NDF: 1969.6/5

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

Right Out: 771.149 $\pm$ 0.301 χ^2 /NDF: 2460.5/7

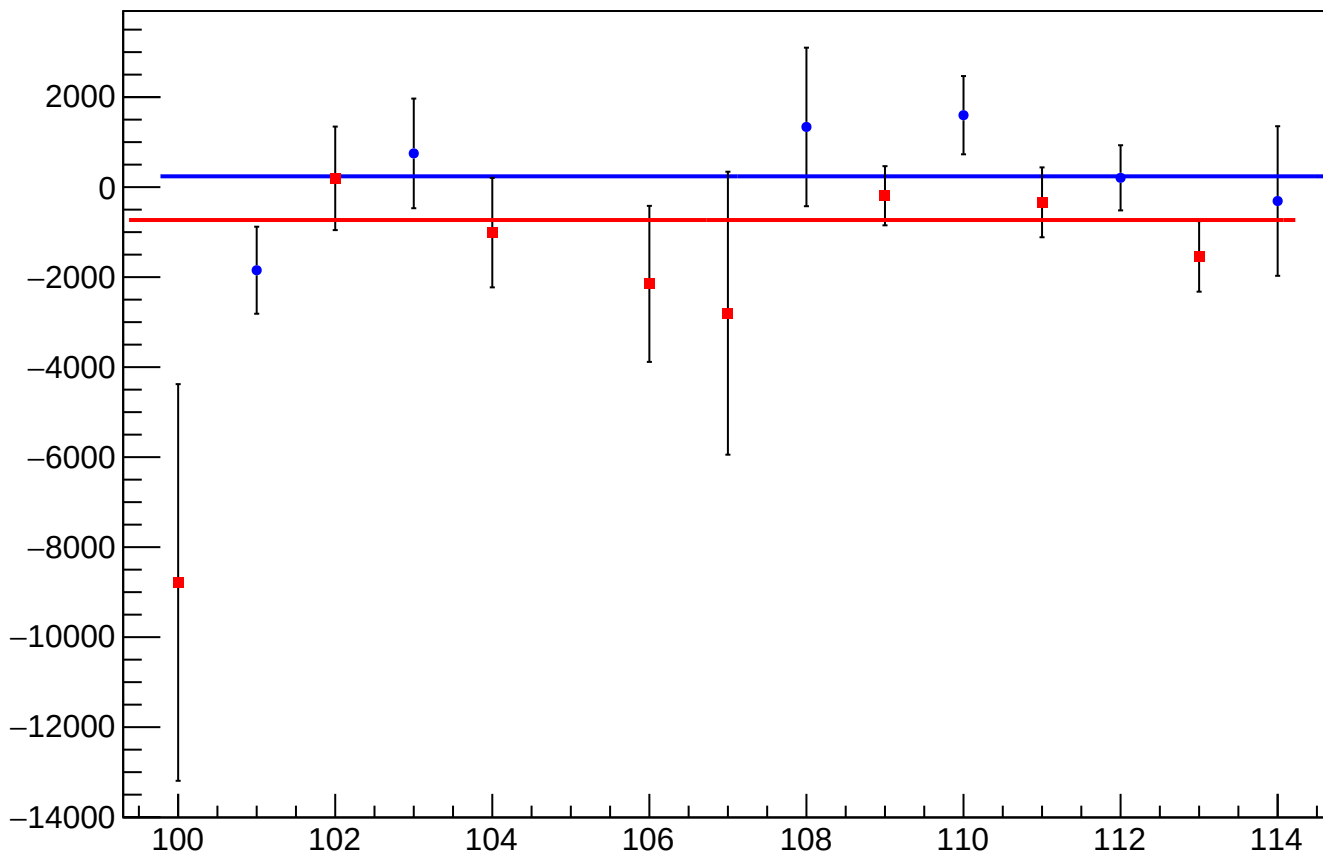
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 764.824 $\pm$ 0.222 χ^2 /NDF: 5397.5/13

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

asym_us_dd_dit_correction_mean vs Slug



Right In: 240.267 $\pm$ 420.400 χ^2 /NDF: 7.8/5

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

Right Out: -730.732 $\pm$ 364.704 χ^2 /NDF: 7.1/7

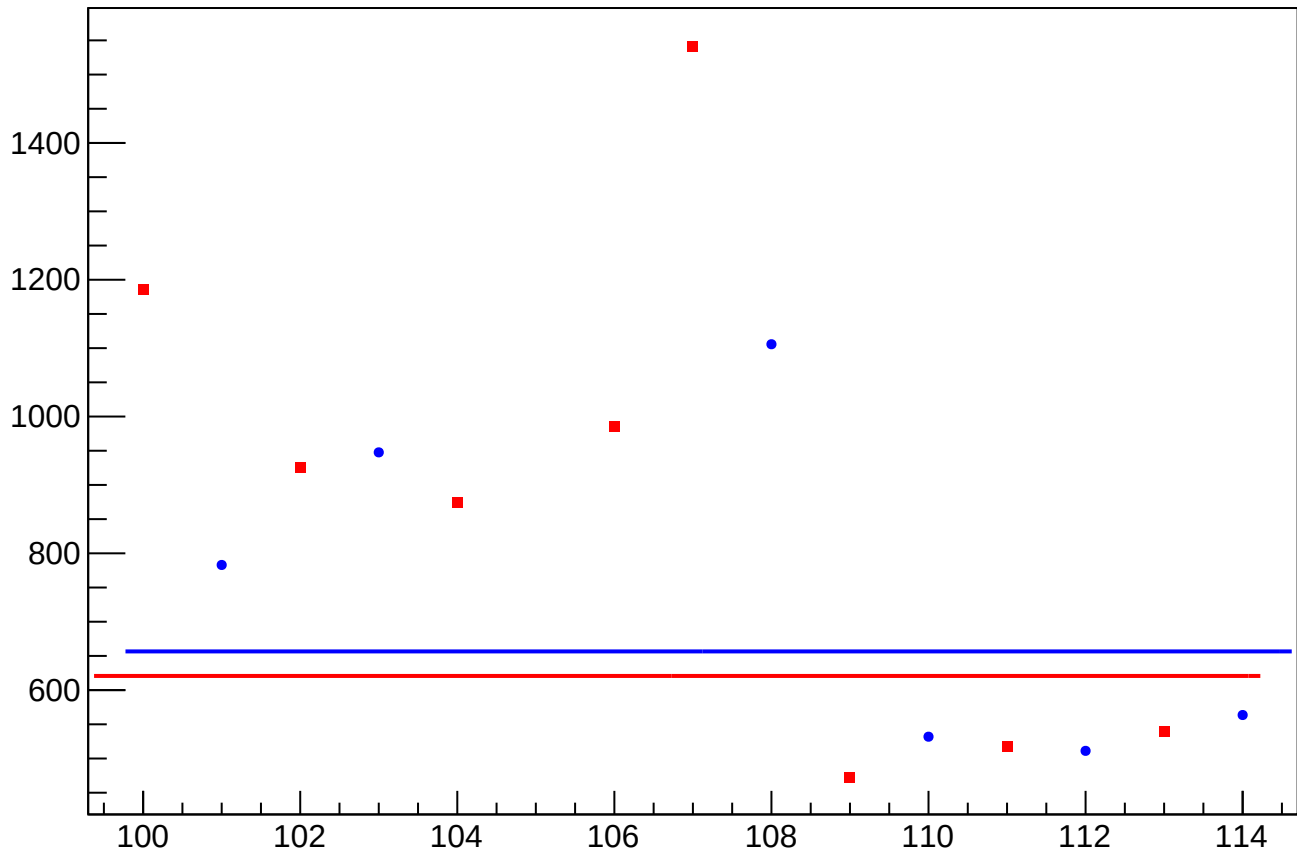
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -313.771 $\pm$ 275.487 χ^2 /NDF: 18.0/13

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

asym_us_dd_dit_correction_rms vs Slug



Right In: 656.593+/-0.297 χ^2/NDF : 406401.7/5

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

Right Out: 620.725+/-0.258 χ^2/NDF : 678978.9/7

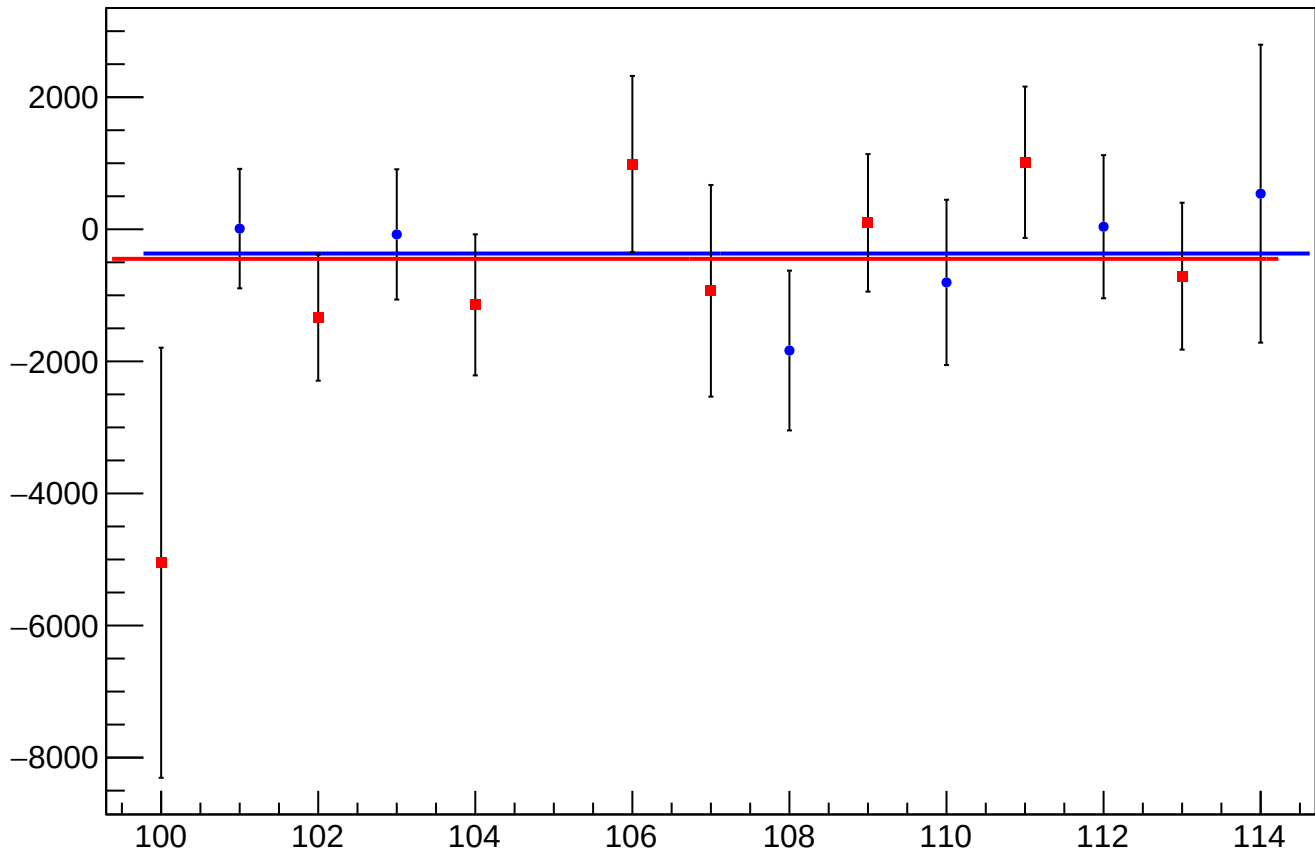
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.128+/-0.195 χ^2/NDF : 1093687.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -366.858+/-465.224 χ^2/NDF : 2.2/5

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

Right Out: -447.497+/-425.904 χ^2/NDF : 6.5/7

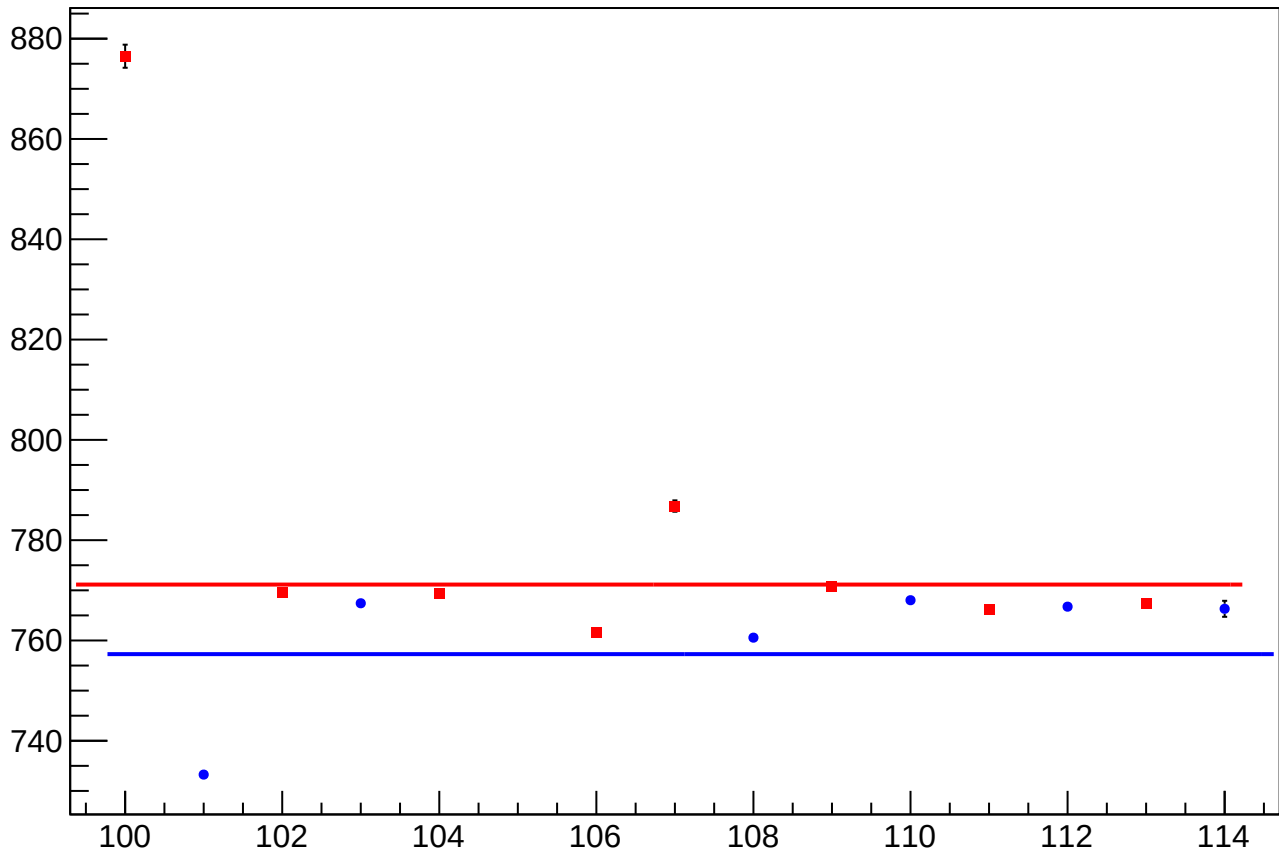
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.729+/-314.142 χ^2/NDF : 8.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 757.277 $\pm$ 0.329 χ^2 /NDF: 1969.6/5

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

Right Out: 771.149 $\pm$ 0.301 χ^2 /NDF: 2460.5/7

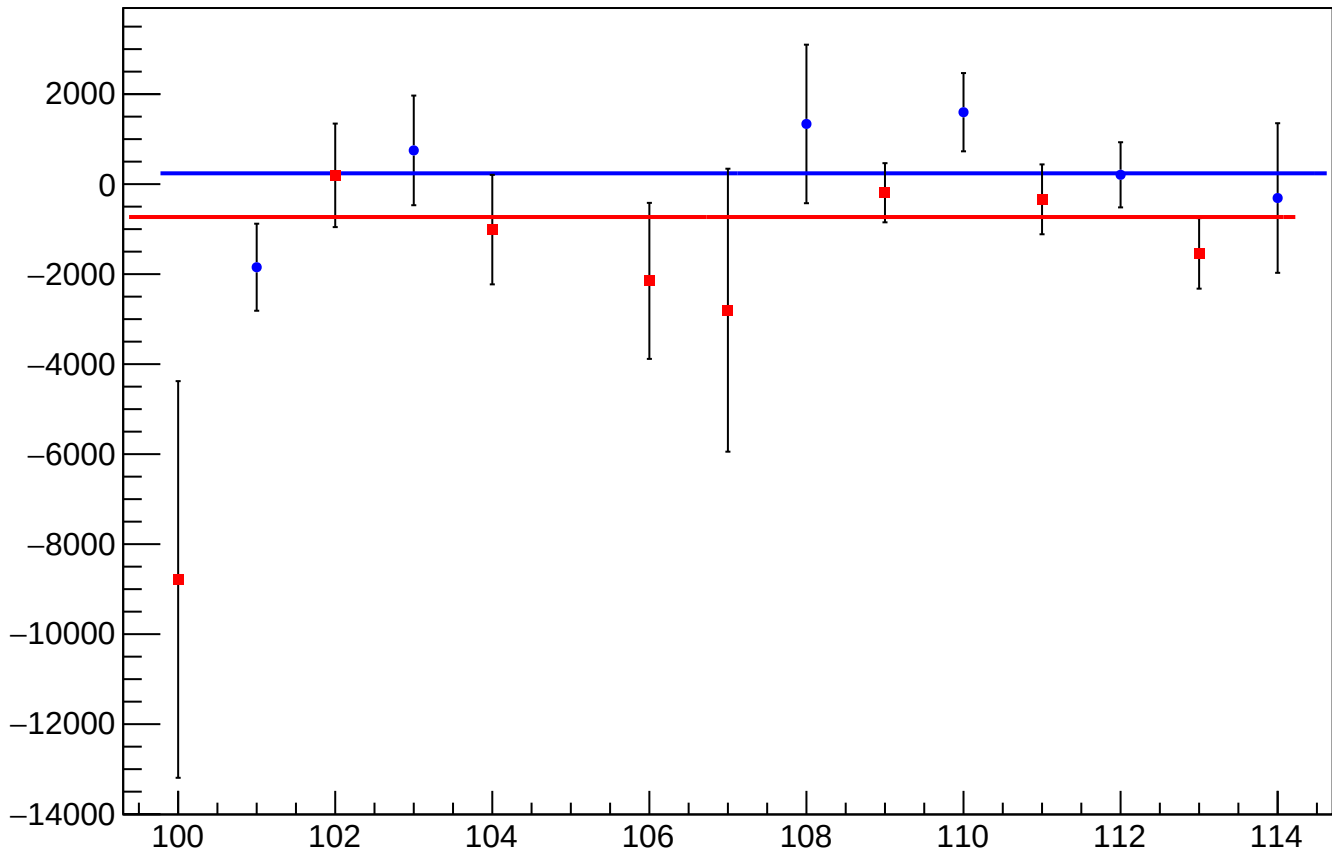
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 764.824 $\pm$ 0.222 χ^2 /NDF: 5397.5/13

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

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: 240.268 $\pm$ 420.397 χ^2 /NDF: 7.8/5

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

Right Out: -730.729 $\pm$ 364.702 χ^2 /NDF: 7.1/7

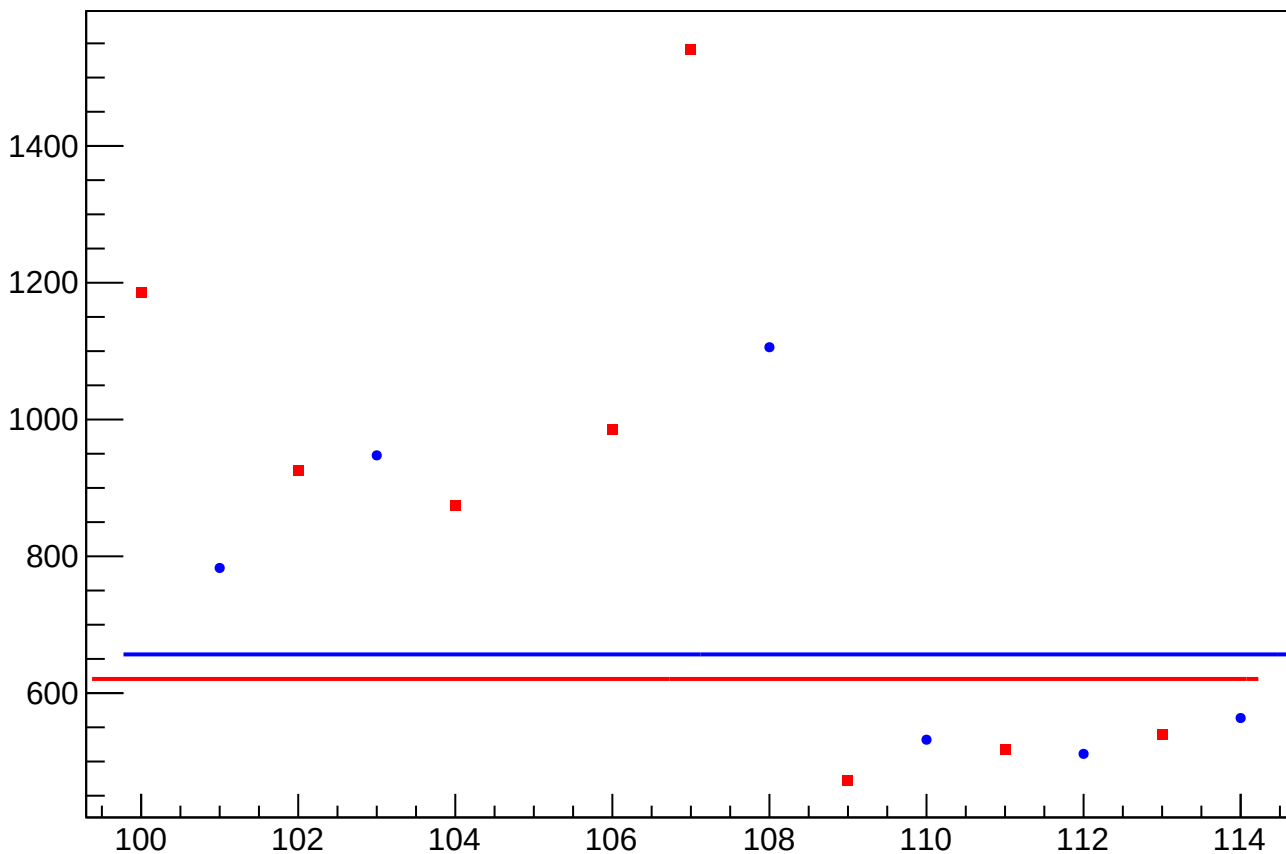
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -313.769 $\pm$ 275.485 χ^2 /NDF: 18.0/13

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

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 656.588 $\pm$ 0.297 χ^2 /NDF: 406415.6/5

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

Right Out: 620.721 $\pm$ 0.258 χ^2 /NDF: 678994.7/7

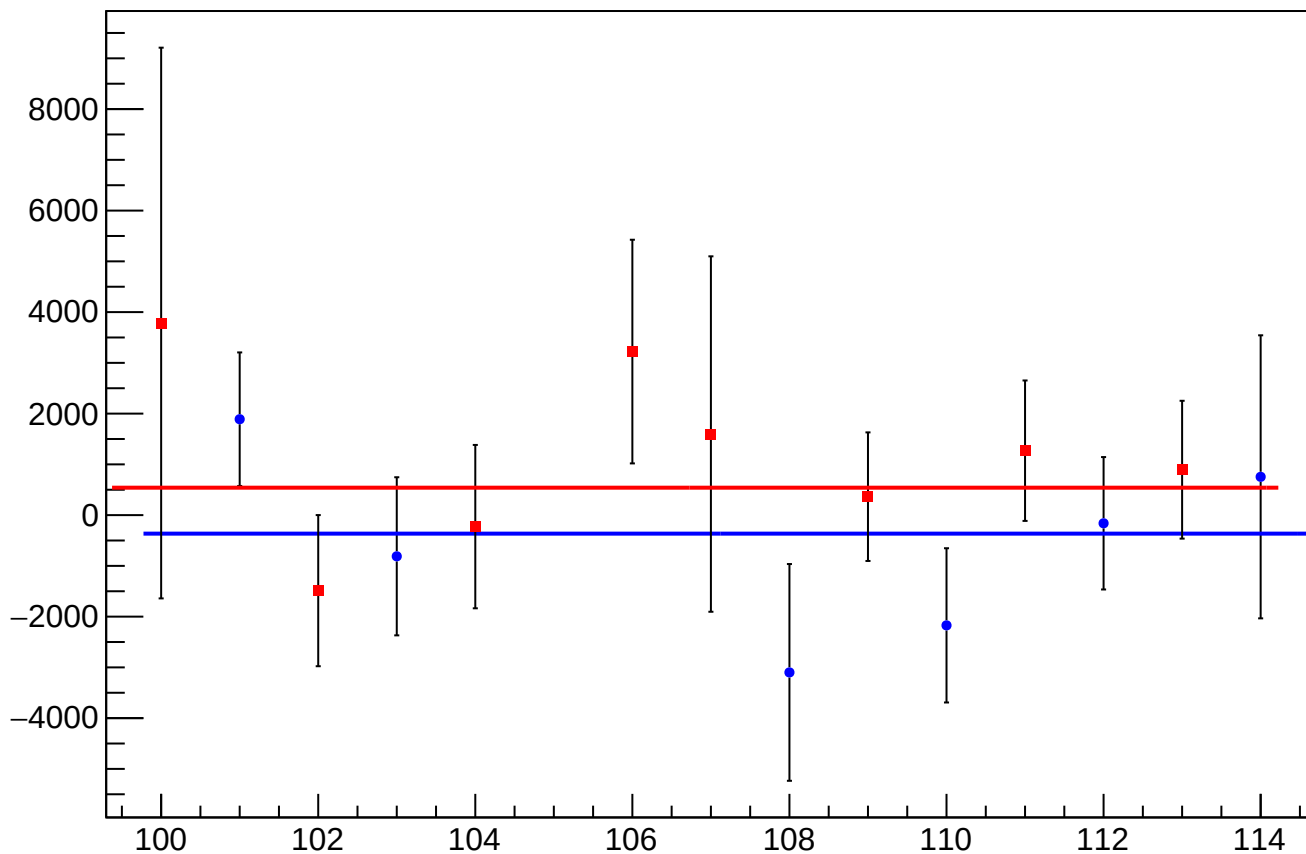
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 636.123 $\pm$ 0.195 χ^2 /NDF: 1093717.0/13

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

asym_us_dd_mean vs Slug



Right In: -364.712 $\pm$ 651.138 χ^2 /NDF: 6.3/5

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

Right Out: 540.630 $\pm$ 592.678 χ^2 /NDF: 4.4/7

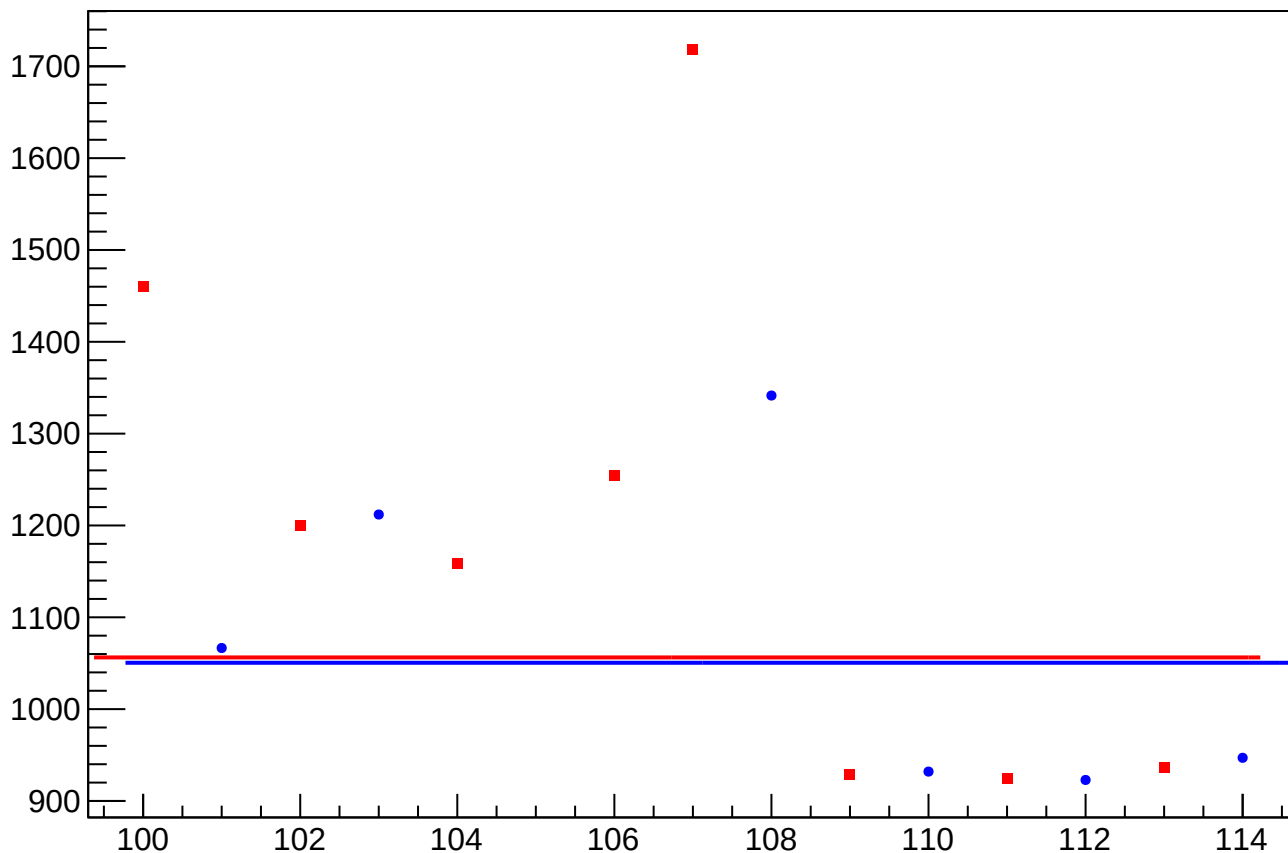
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 130.417 $\pm$ 438.300 χ^2 /NDF: 11.7/13

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

asym_us_dd_rms vs Slug



Right In: 1050.483 $\pm$ 0.460 χ^2 /NDF: 92986.1/5

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

Right Out: 1056.305 $\pm$ 0.419 χ^2 /NDF: 179149.3/7

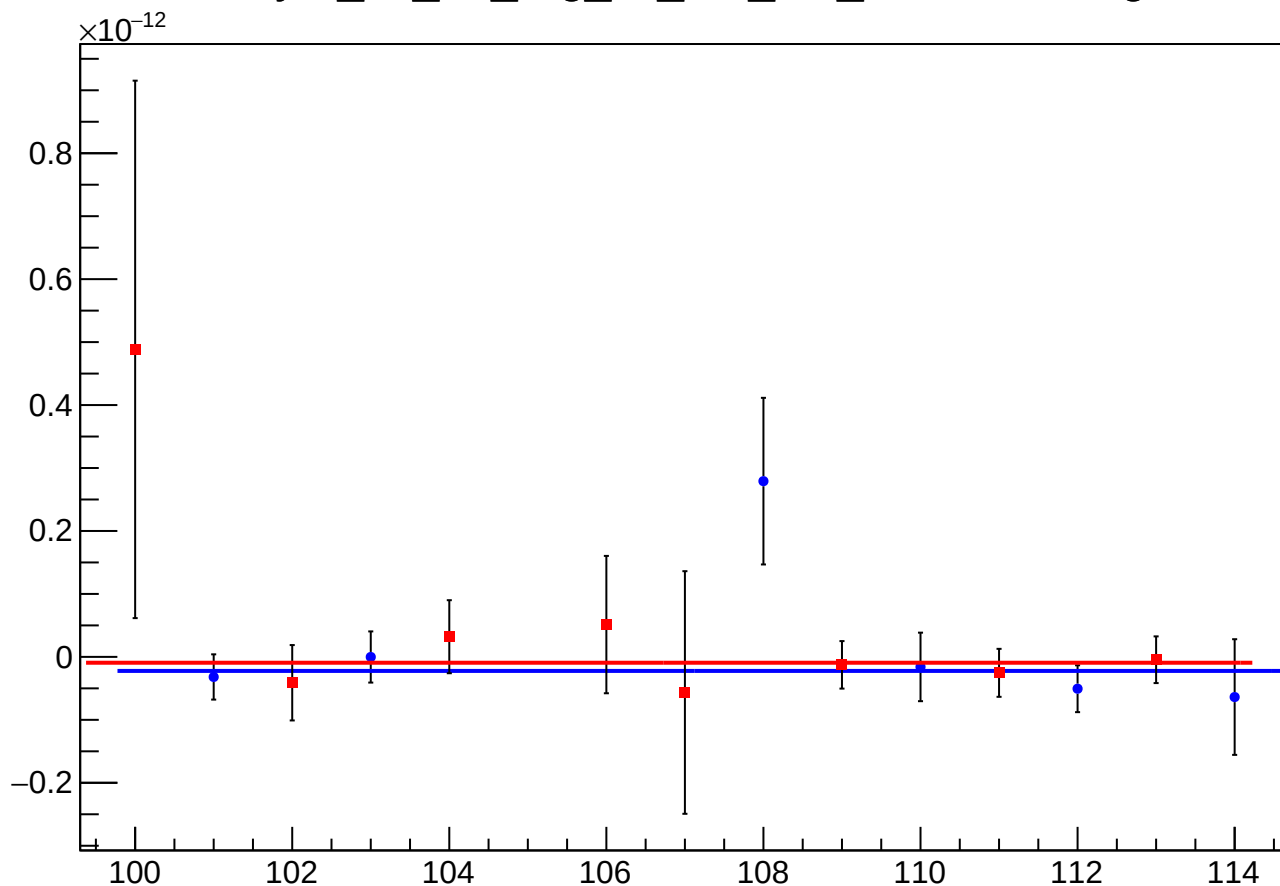
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1053.667 $\pm$ 0.310 χ^2 /NDF: 272222.8/13

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

asym_us_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/5

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/7

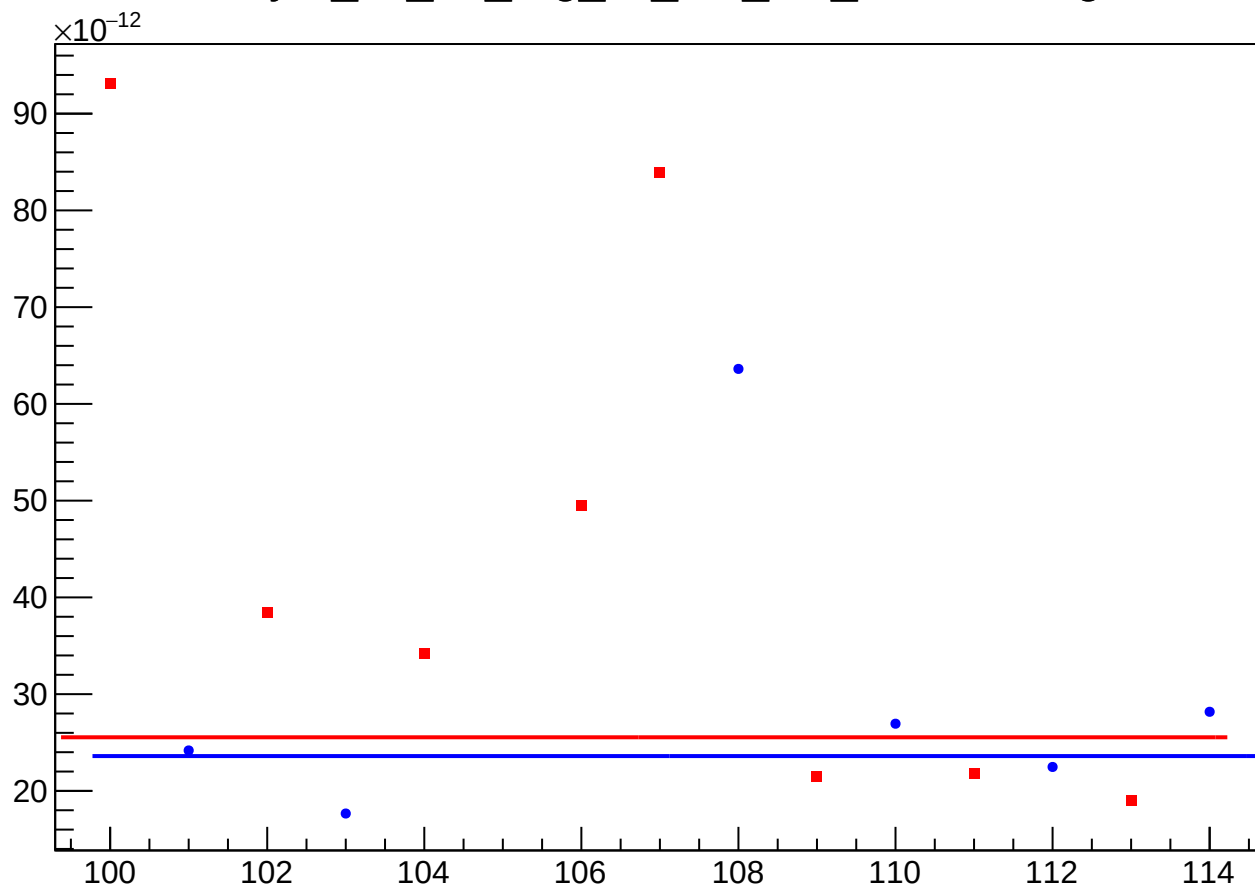
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/13

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

asym_us_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 240428.3/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 569625.8/7

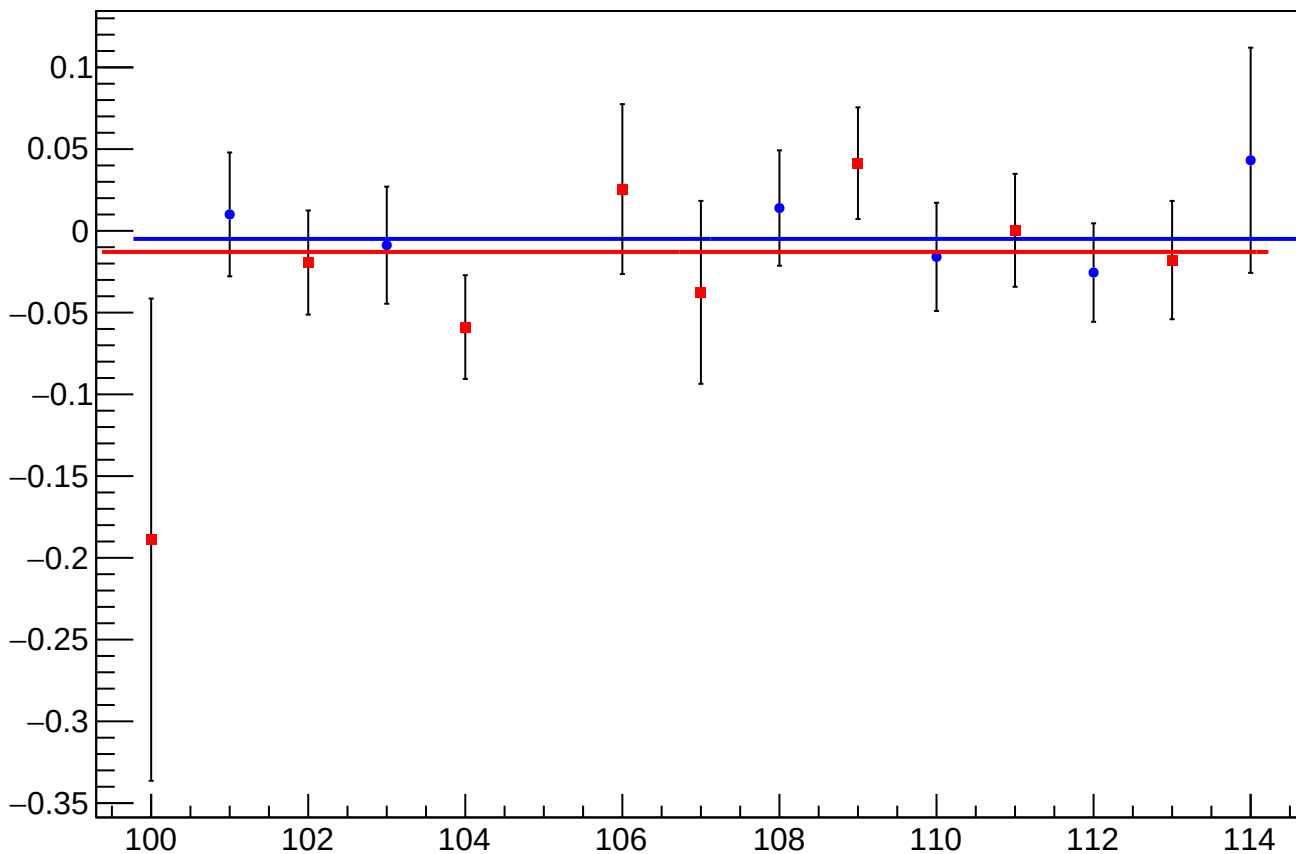
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 820263.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 ± 0.015 χ^2/NDF : 1.5/5

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

Right Out: -0.013 ± 0.014 χ^2/NDF : 7.0/7

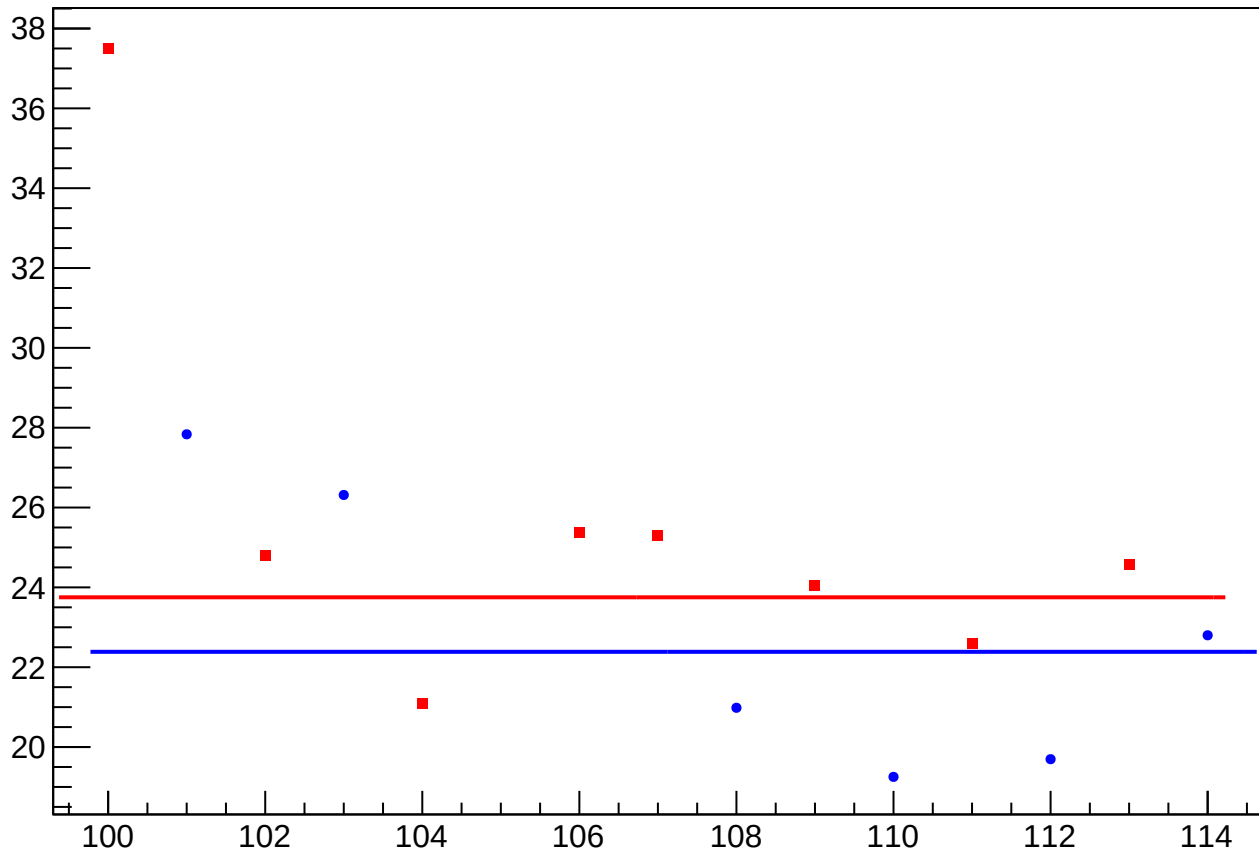
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.010 χ^2/NDF : 8.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 22.385+/-0.011 χ^2/NDF : 102570.2/5

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

Right Out: 23.751+/-0.010 χ^2/NDF : 40654.6/7

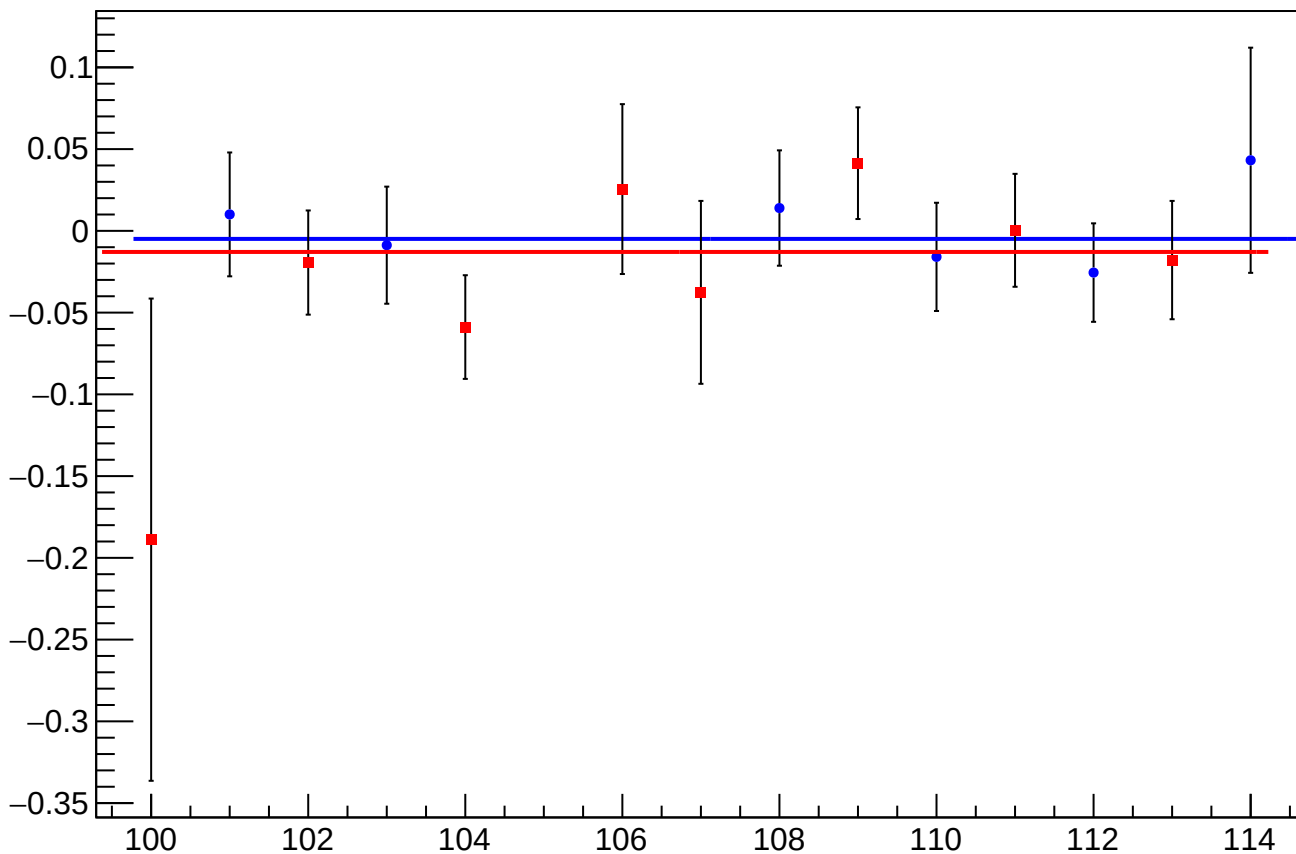
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.115+/-0.007 χ^2/NDF : 152207.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.015 χ^2 /NDF: 1.5/5

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

Right Out: -0.013 $\pm$ 0.014 χ^2 /NDF: 7.0/7

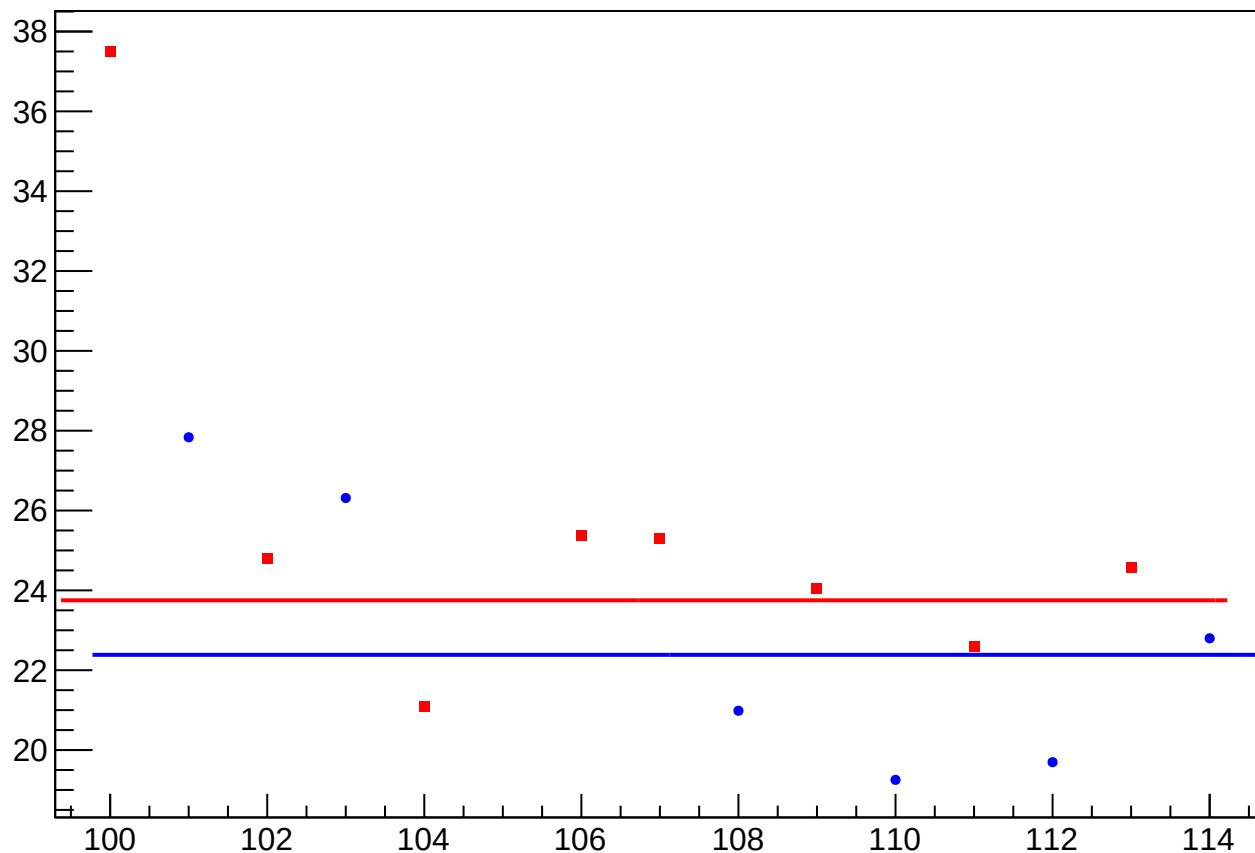
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.010 χ^2 /NDF: 8.7/13

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

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.385 $\pm$ 0.011 χ^2 /NDF: 102570.2/5

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

Right Out: 23.751 $\pm$ 0.010 χ^2 /NDF: 40654.6/7

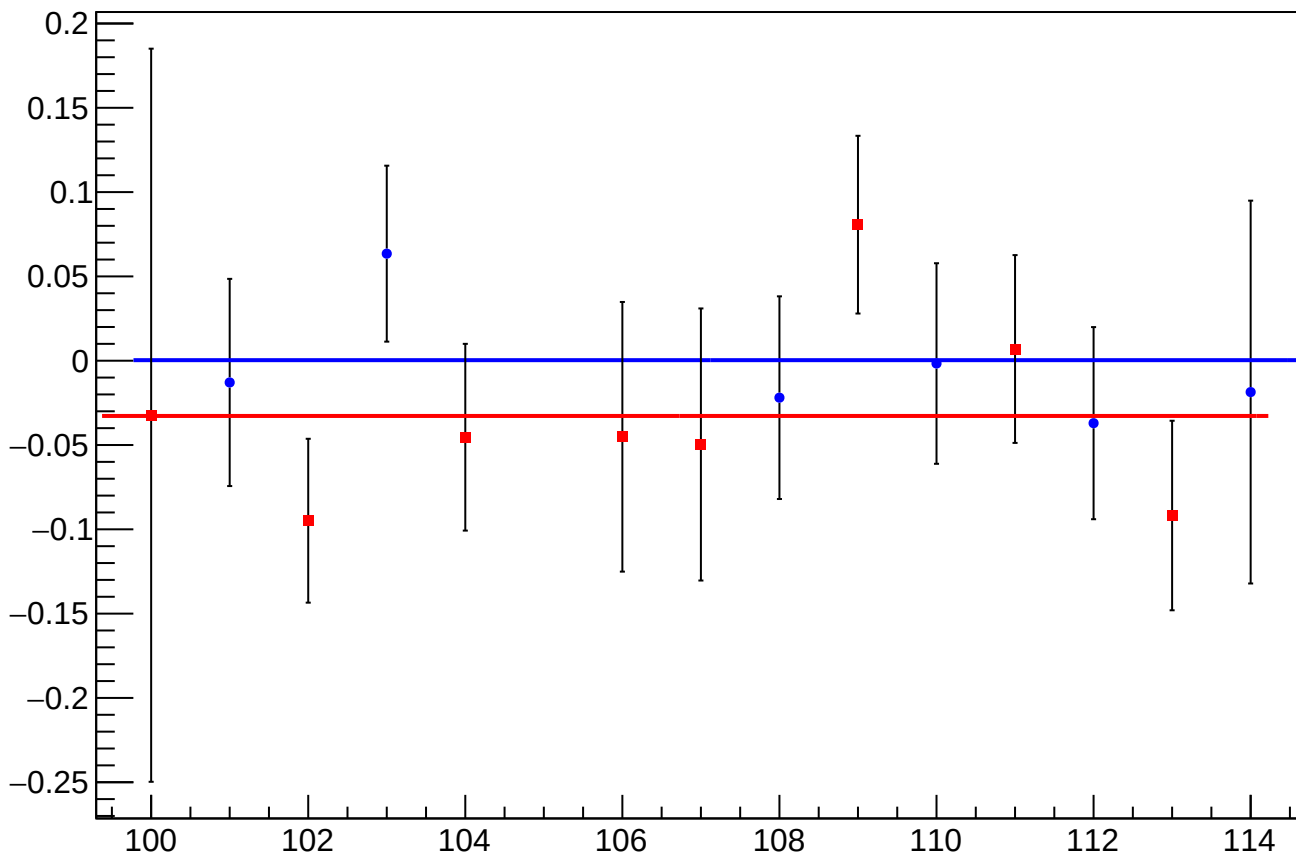
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 23.115 $\pm$ 0.007 χ^2 /NDF: 152207.4/13

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

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.000+/-0.025 χ^2/NDF : 2.1/5

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

Right Out: -0.033+/-0.022 χ^2/NDF : 8.0/7

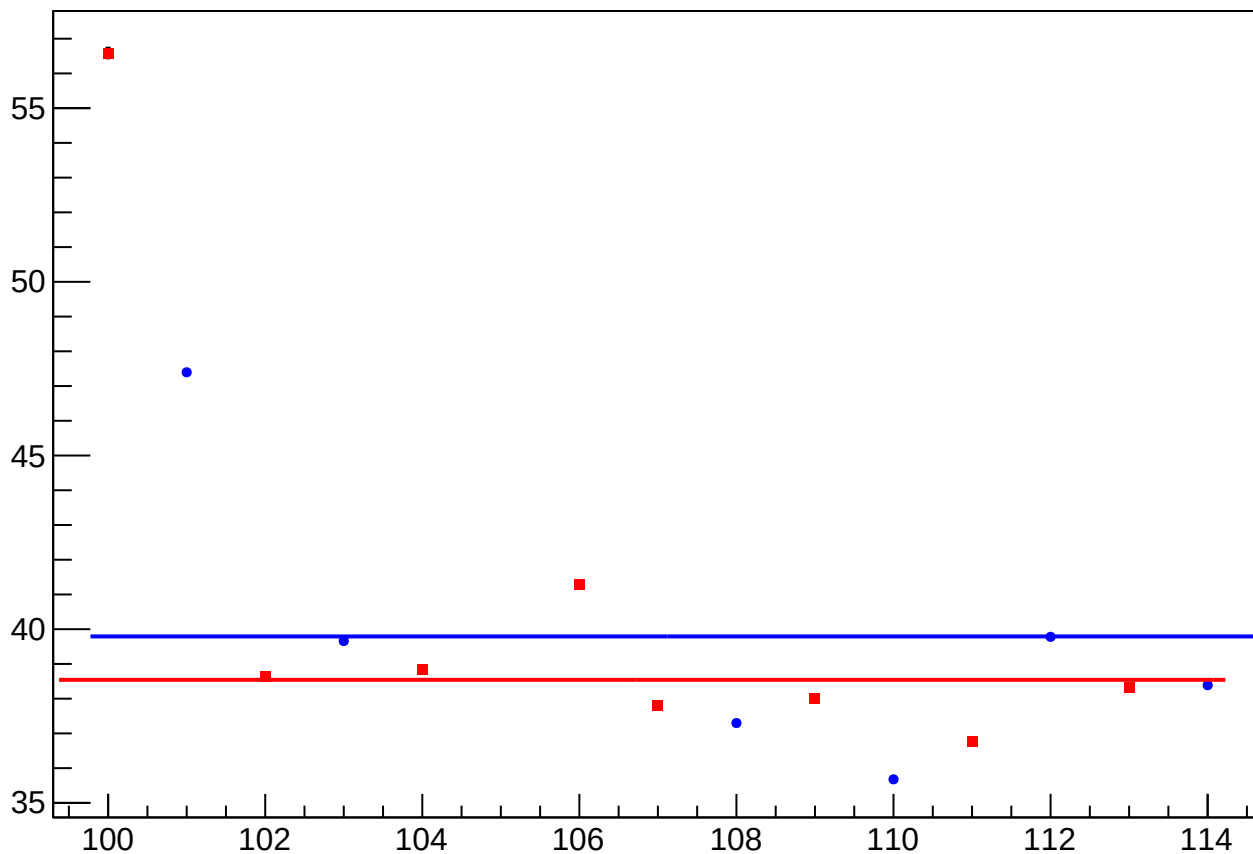
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.017 χ^2/NDF : 11.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 39.792+/-0.018 χ^2/NDF : 43961.9/5

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

Right Out: 38.543+/-0.016 χ^2/NDF : 18641.2/7

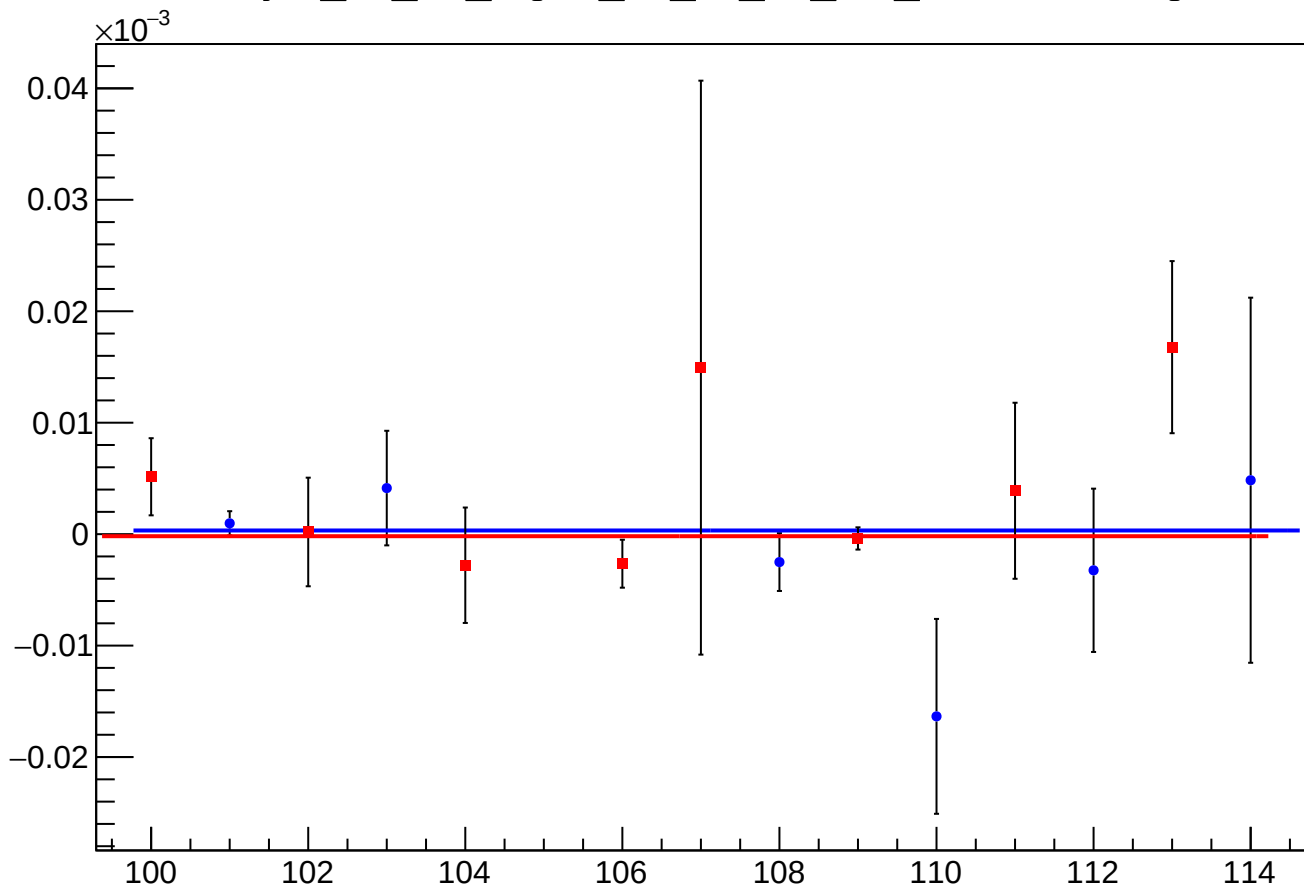
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.082+/-0.012 χ^2/NDF : 65401.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/7

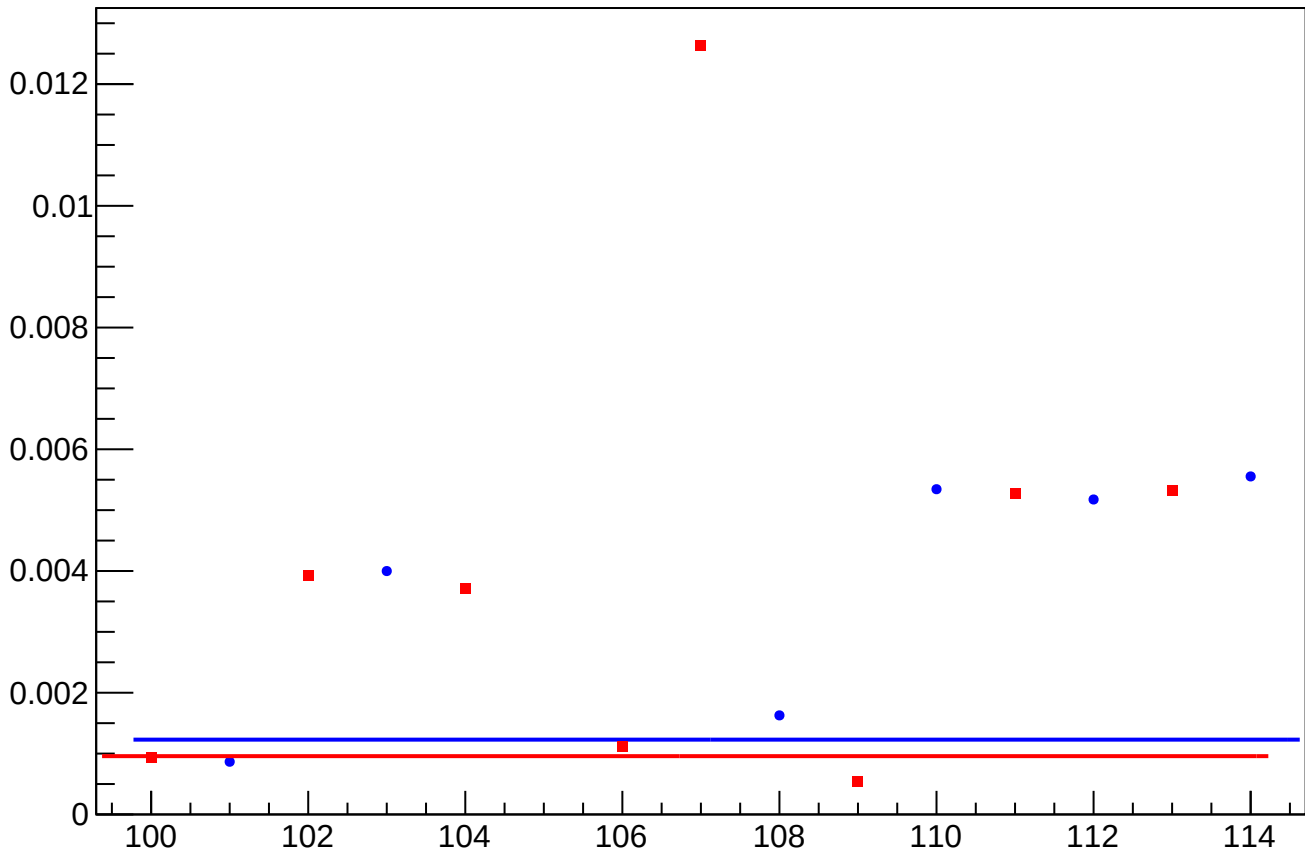
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/13

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

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2013711.0/5

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3317729.3/7

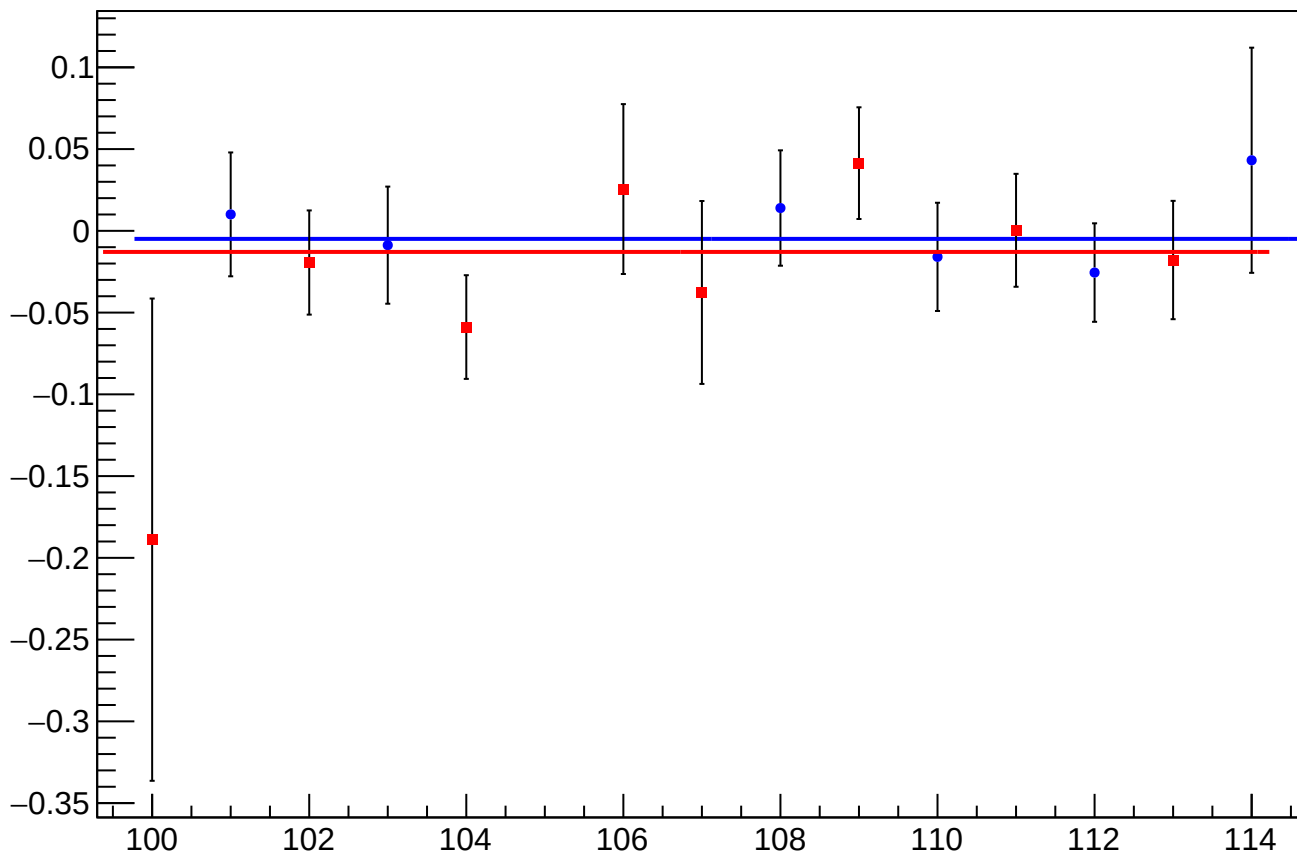
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5421103.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.015 χ^2 /NDF: 1.5/5

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

Right Out: -0.013 $\pm$ 0.014 χ^2 /NDF: 7.0/7

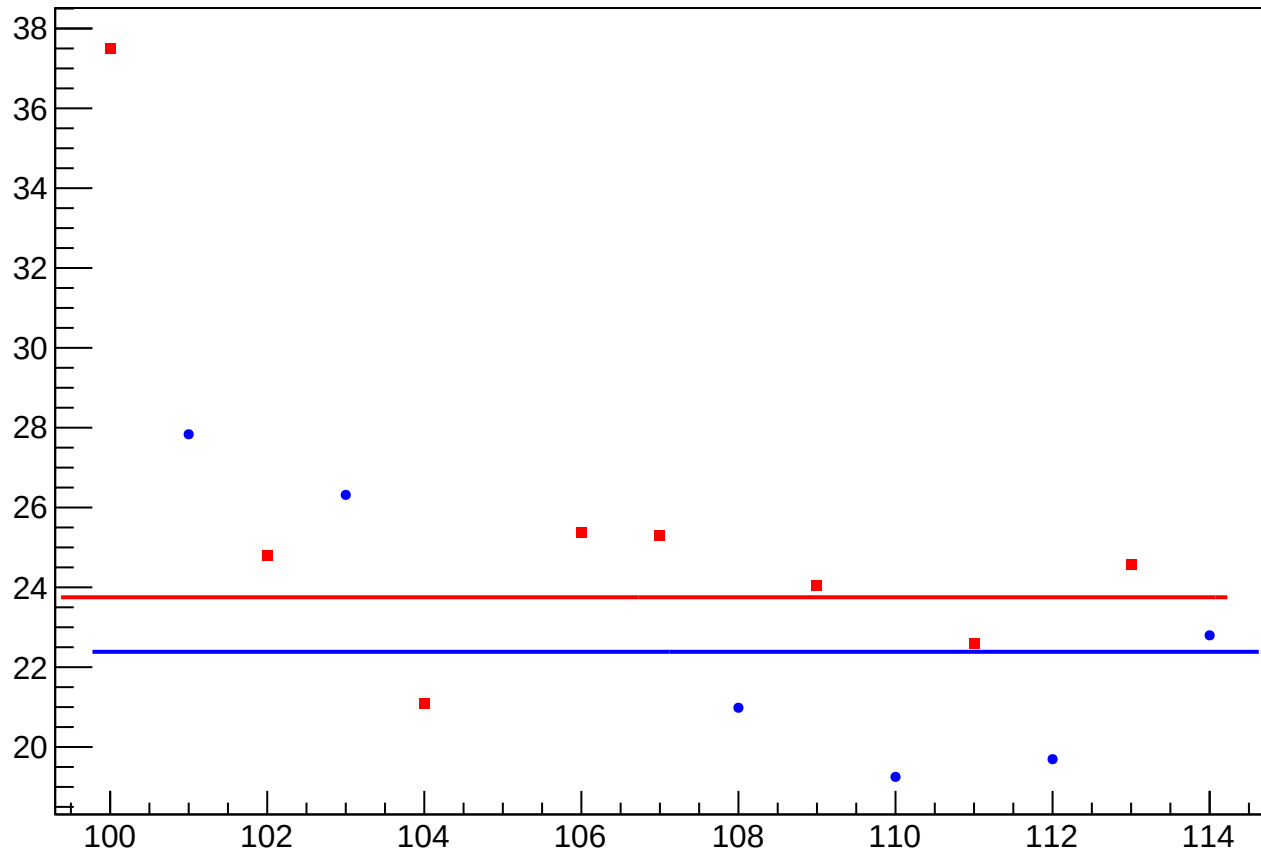
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.010 χ^2 /NDF: 8.7/13

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

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.385 $\pm$ 0.011 χ^2 /NDF: 102604.1/5

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

Right Out: 23.751 $\pm$ 0.010 χ^2 /NDF: 40647.1/7

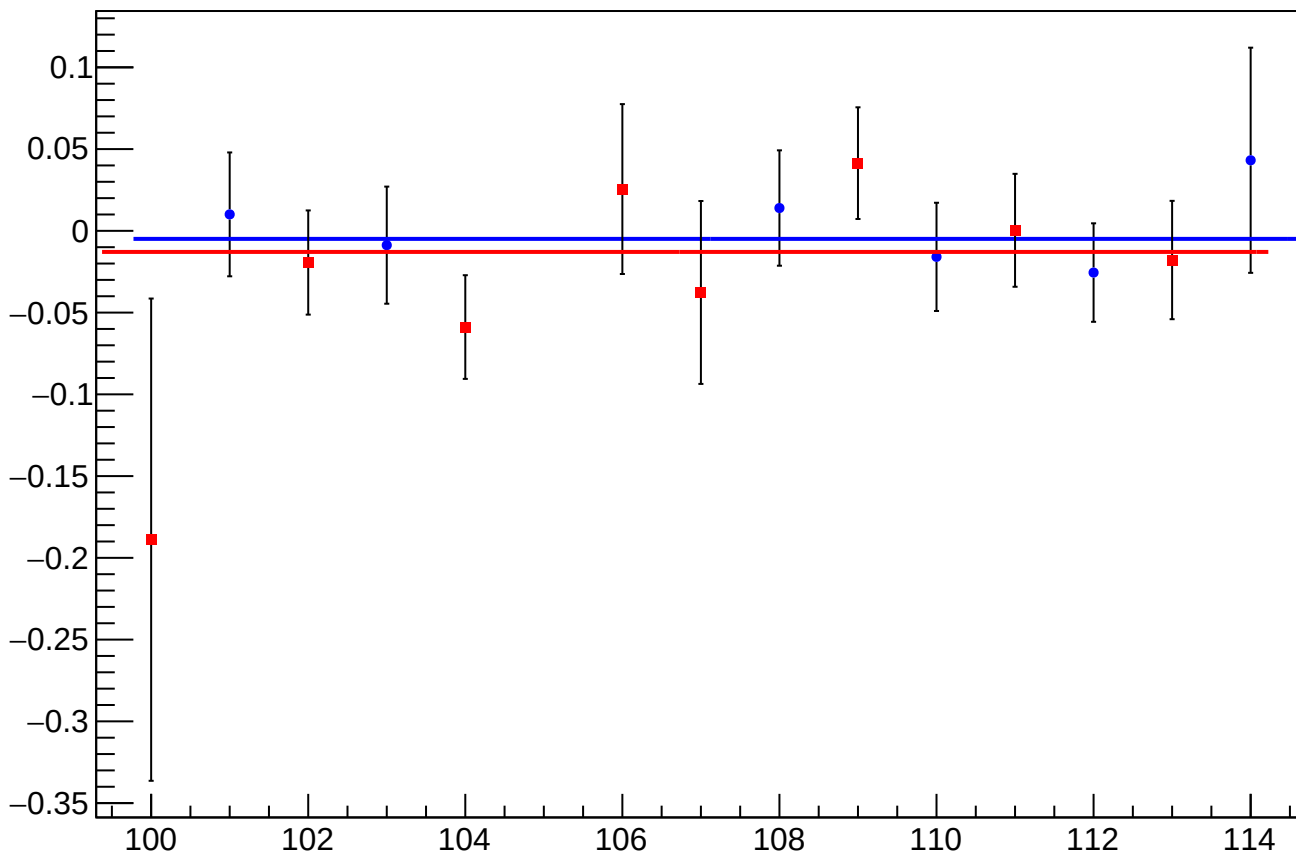
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 23.116 $\pm$ 0.007 χ^2 /NDF: 152242.6/13

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

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.015 χ^2 /NDF: 1.5/5

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

Right Out: -0.013 $\pm$ 0.014 χ^2 /NDF: 7.0/7

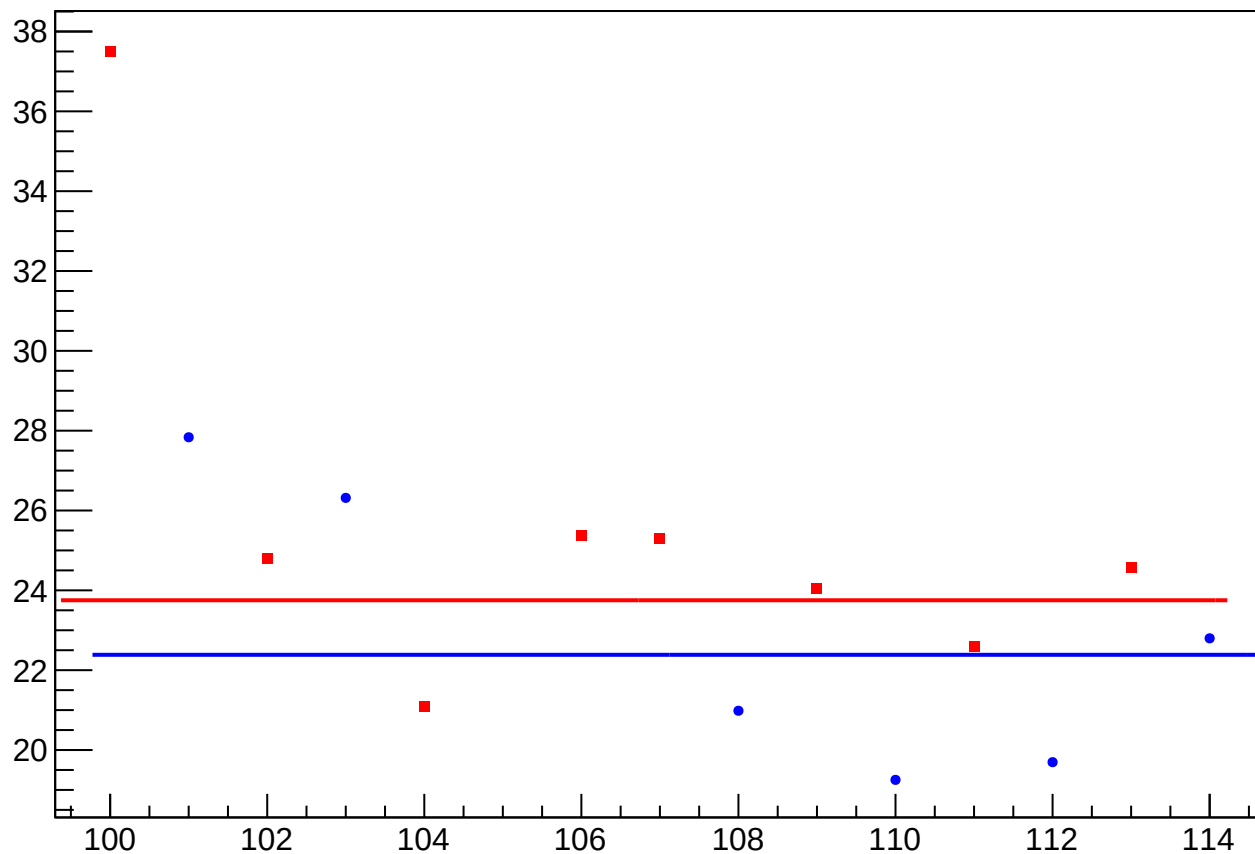
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.010 χ^2 /NDF: 8.7/13

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

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.385+/-0.011 χ^2/NDF : 102604.1/5

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

Right Out: 23.751+/-0.010 χ^2/NDF : 40647.1/7

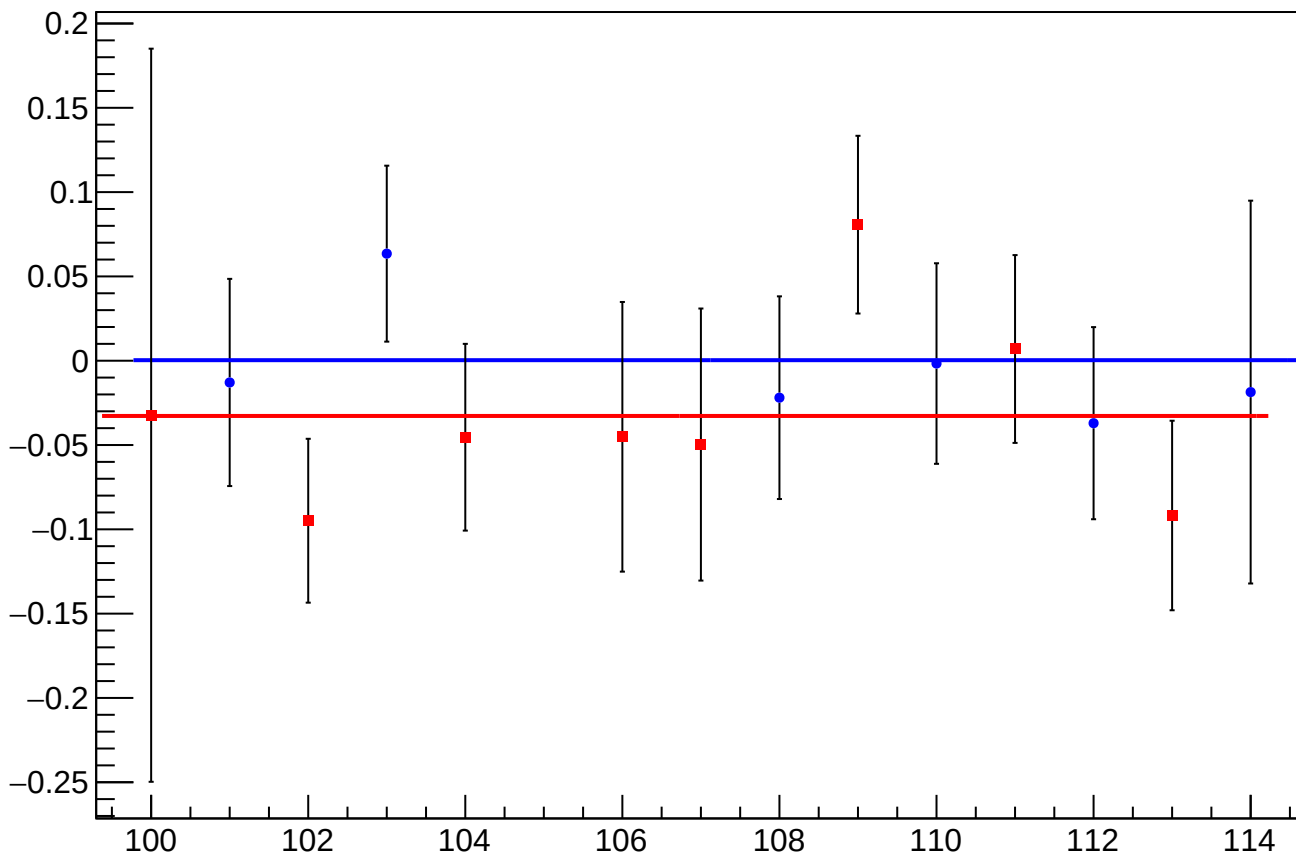
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.116+/-0.007 χ^2/NDF : 152242.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.025 χ^2 /NDF: 2.1/5

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

Right Out: -0.033 $\pm$ 0.022 χ^2 /NDF: 8.0/7

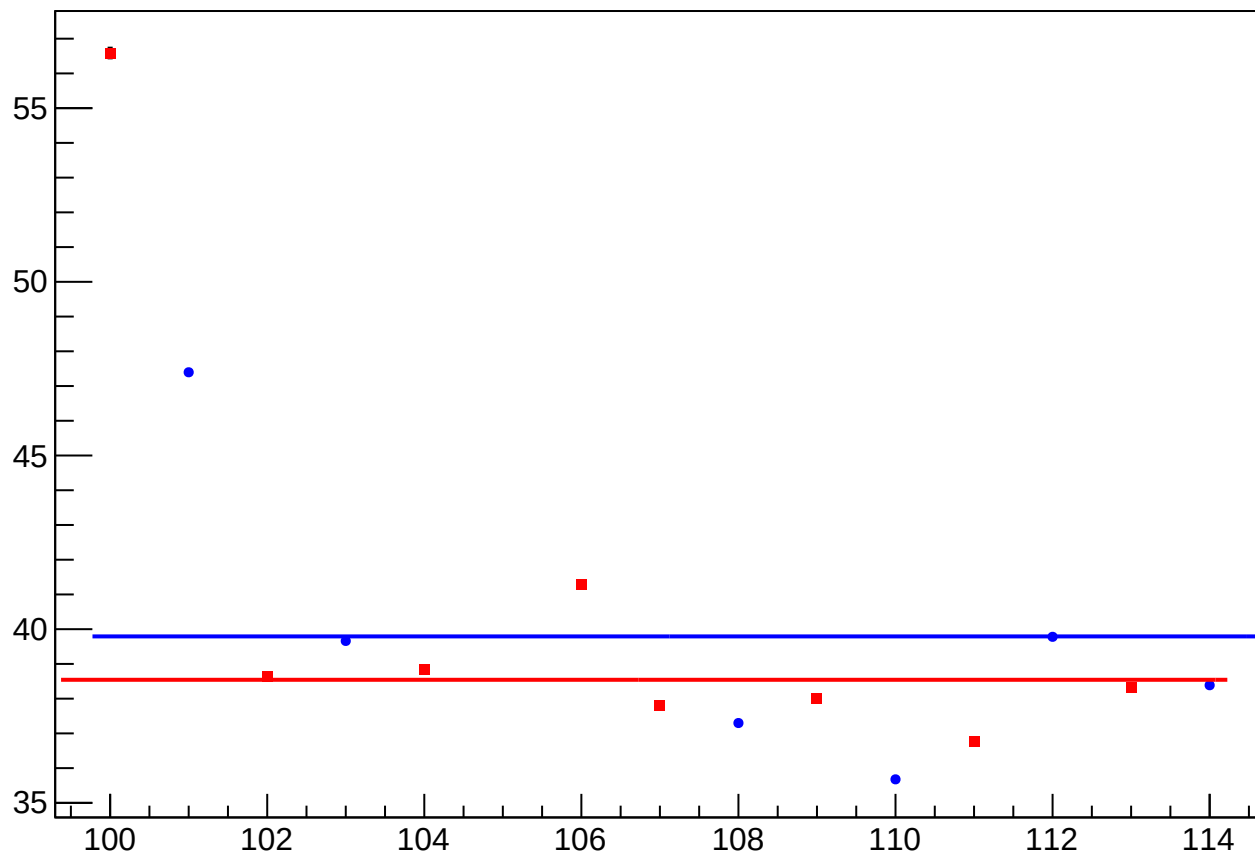
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.018 $\pm$ 0.017 χ^2 /NDF: 11.1/13

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

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 39.792+/-0.018 χ^2/NDF : 43965.9/5

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

Right Out: 38.543+/-0.016 χ^2/NDF : 18642.4/7

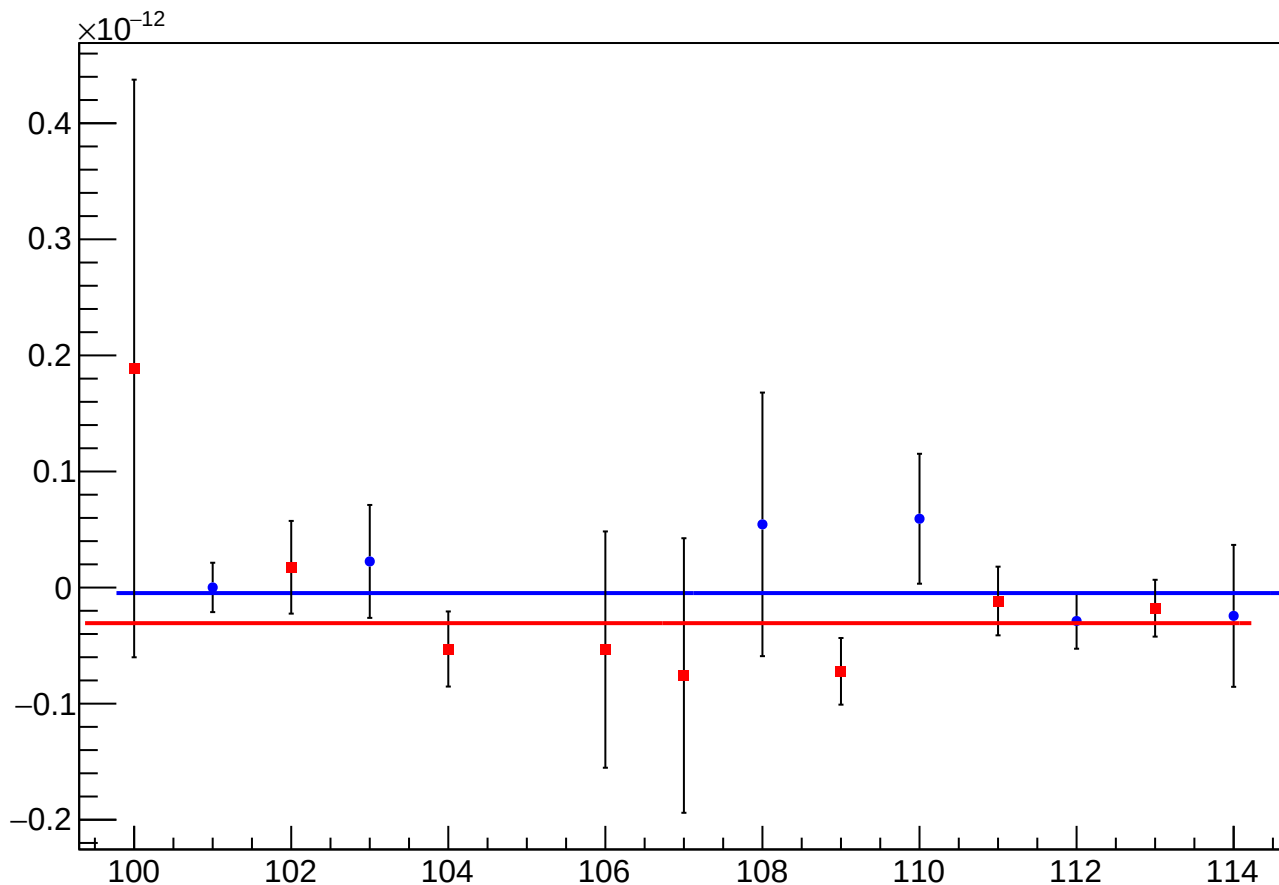
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.082+/-0.012 χ^2/NDF : 65406.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/5

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/7

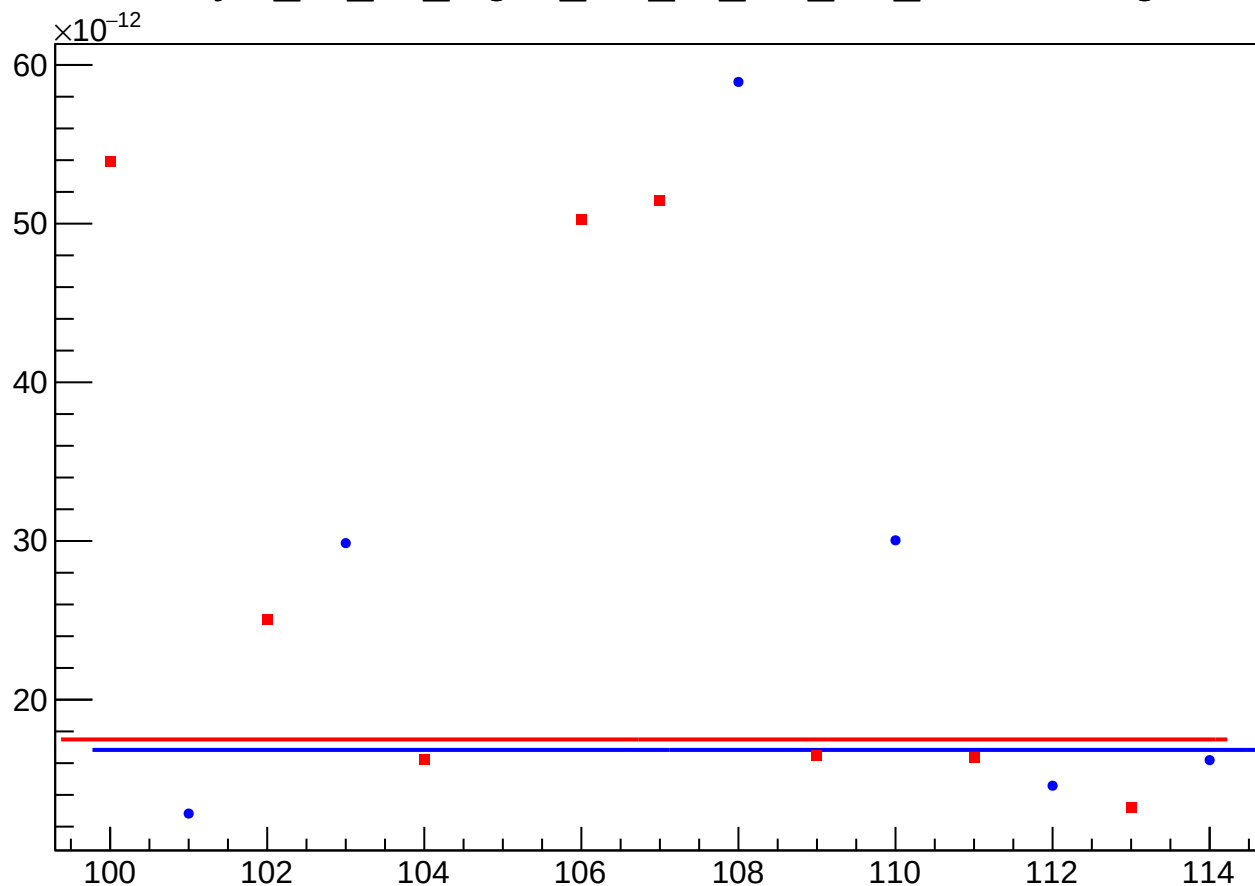
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 619139.0/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 556523.4/7

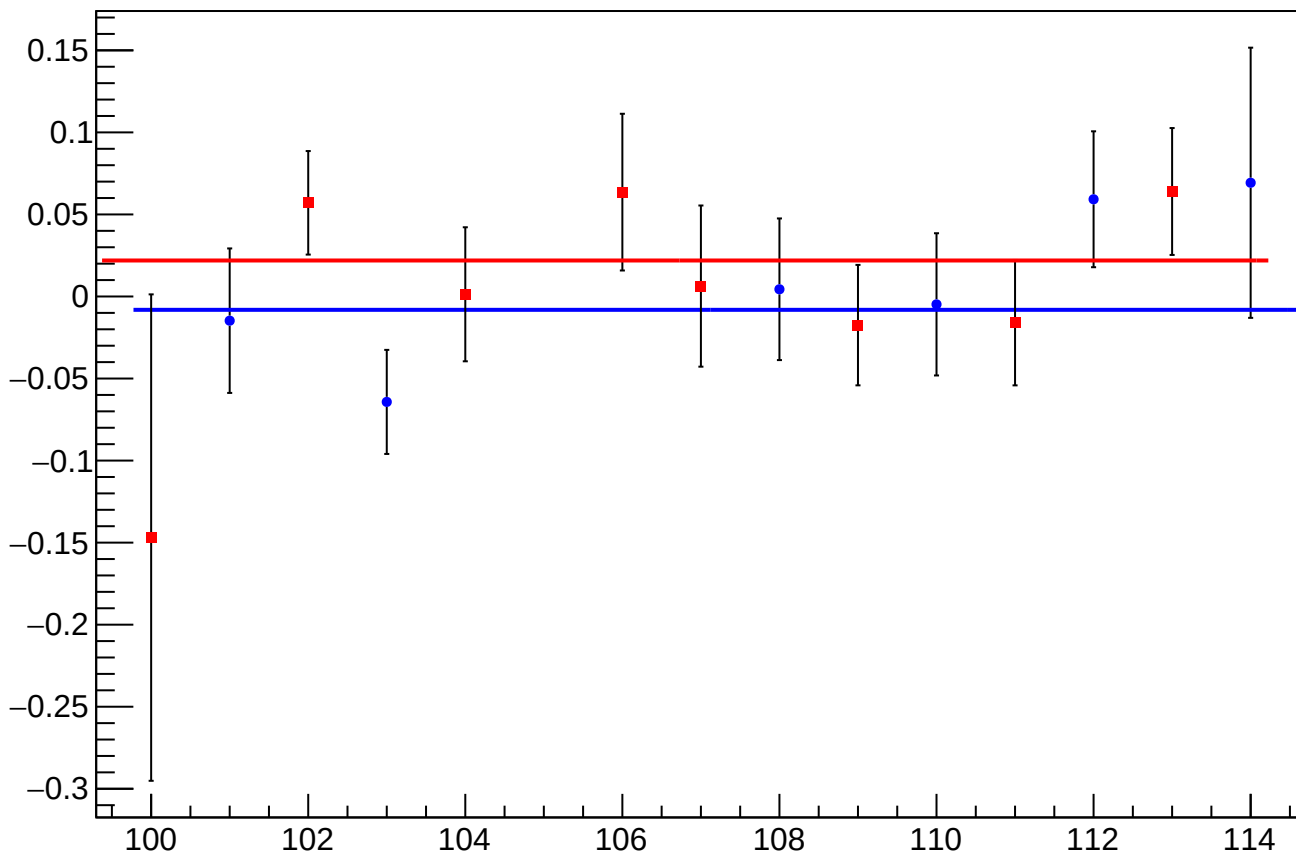
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1178010.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.017 χ^2 /NDF: 6.8/5

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

Right Out: 0.022 $\pm$ 0.015 χ^2 /NDF: 7.0/7

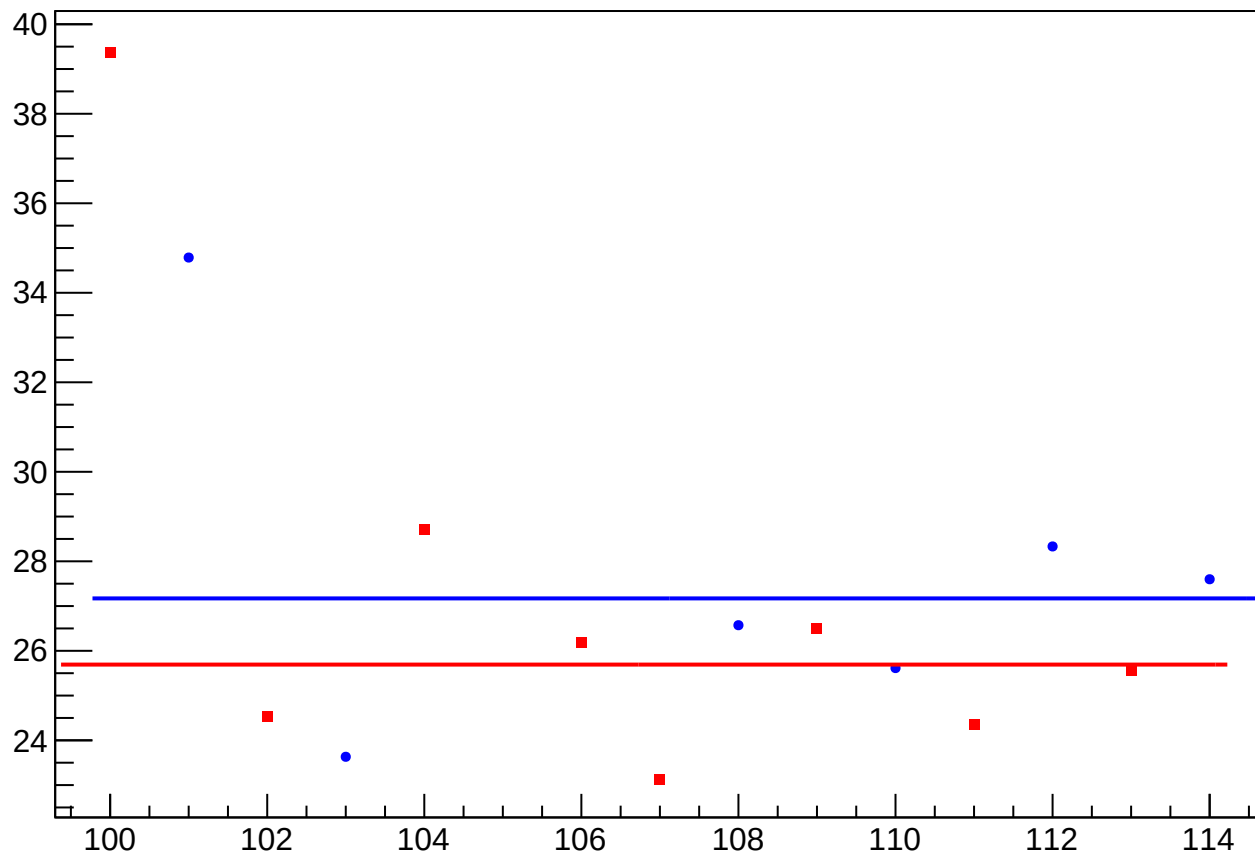
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.009 $\pm$ 0.011 χ^2 /NDF: 15.5/13

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

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 27.171 $\pm$ 0.012 χ^2 /NDF: 89345.2/5

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

Right Out: 25.692 $\pm$ 0.010 χ^2 /NDF: 39711.2/7

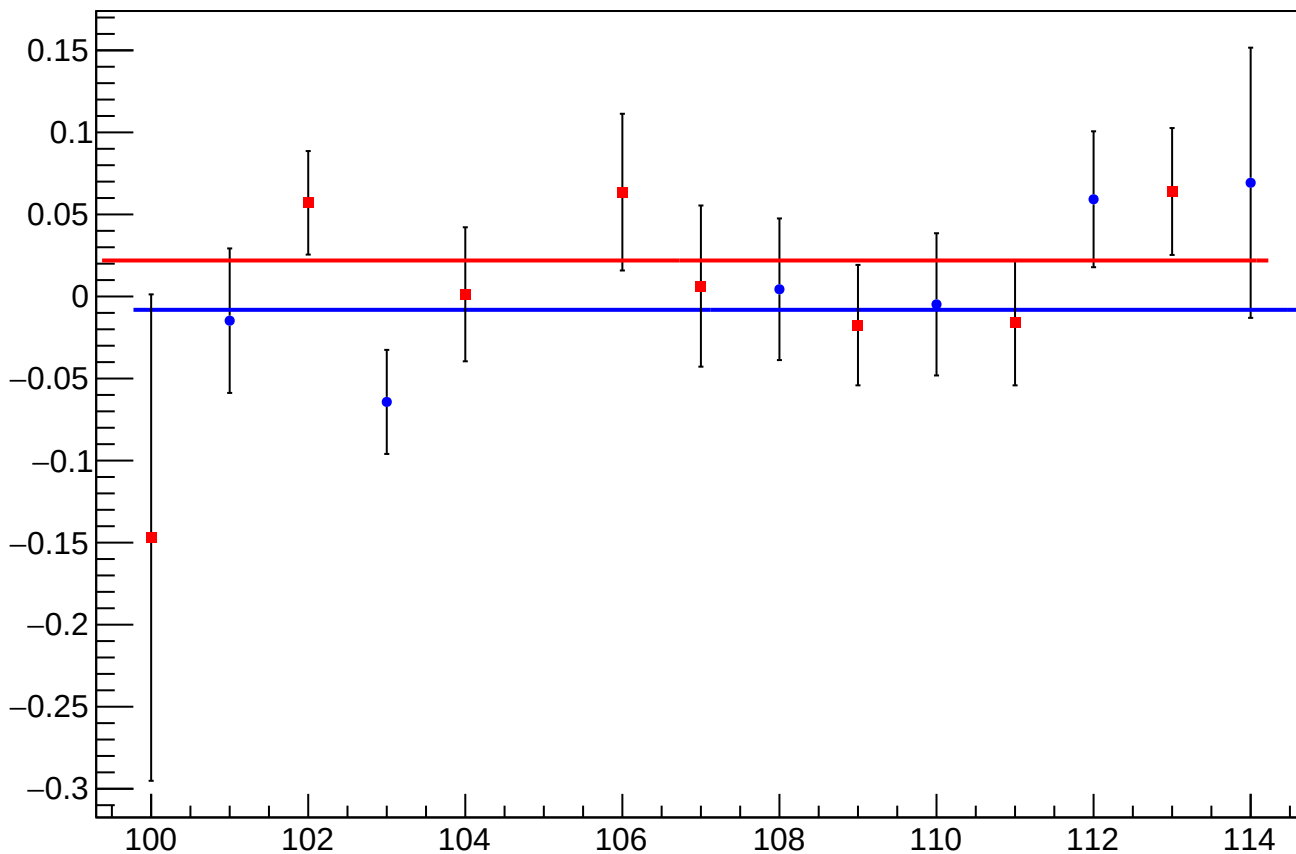
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 26.311 $\pm$ 0.008 χ^2 /NDF: 137475.2/13

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

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.017 χ^2 /NDF: 6.8/5

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

Right Out: 0.022 $\pm$ 0.015 χ^2 /NDF: 7.0/7

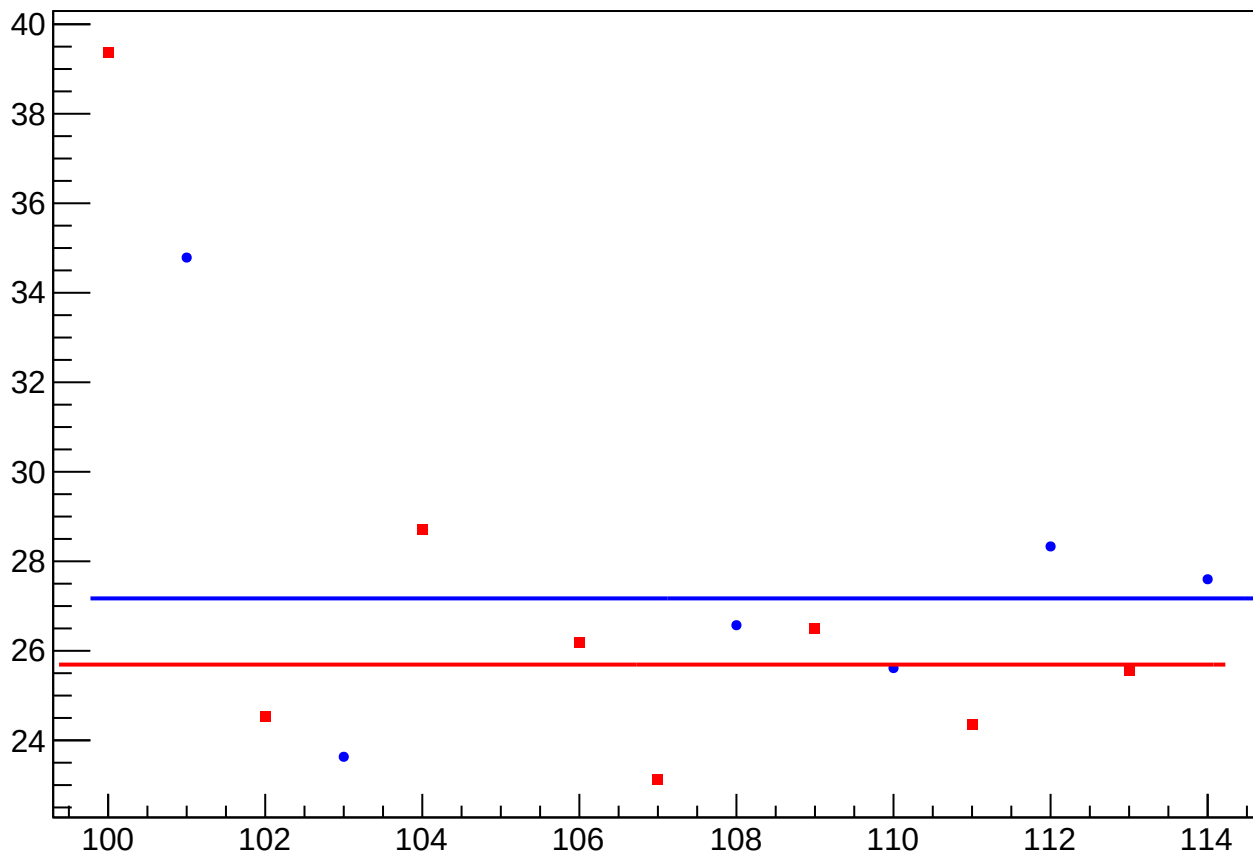
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.009 $\pm$ 0.011 χ^2 /NDF: 15.5/13

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

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 27.171 $\pm$ 0.012 χ^2 /NDF: 89345.2/5

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

Right Out: 25.692 $\pm$ 0.010 χ^2 /NDF: 39711.2/7

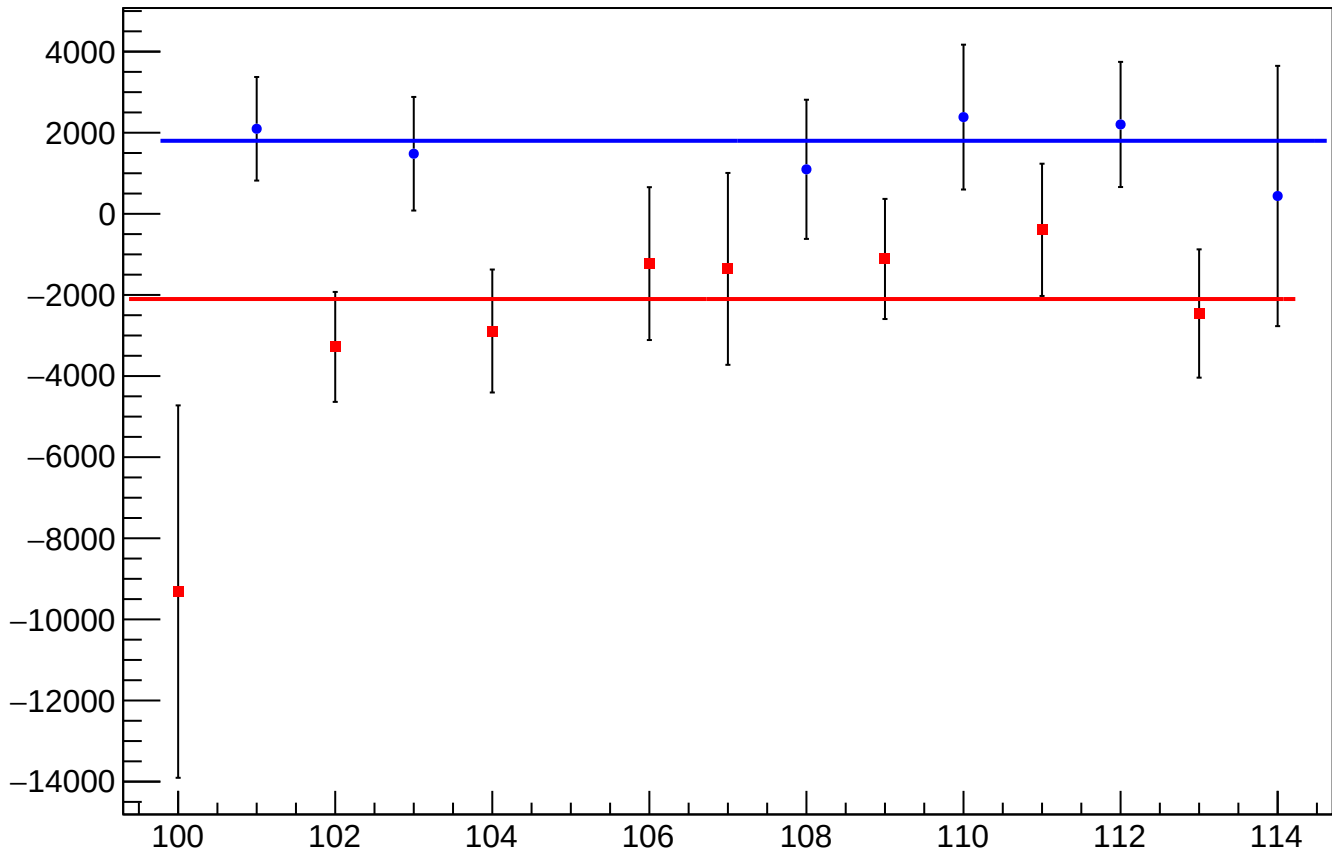
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 26.311 $\pm$ 0.008 χ^2 /NDF: 137475.2/13

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

reg_asym_usl_mean vs Slug



Right In: 1800.933+/-660.353 χ^2/NDF : 0.6/5

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

Right Out: -2100.658+/-606.477 χ^2/NDF : 5.4/7

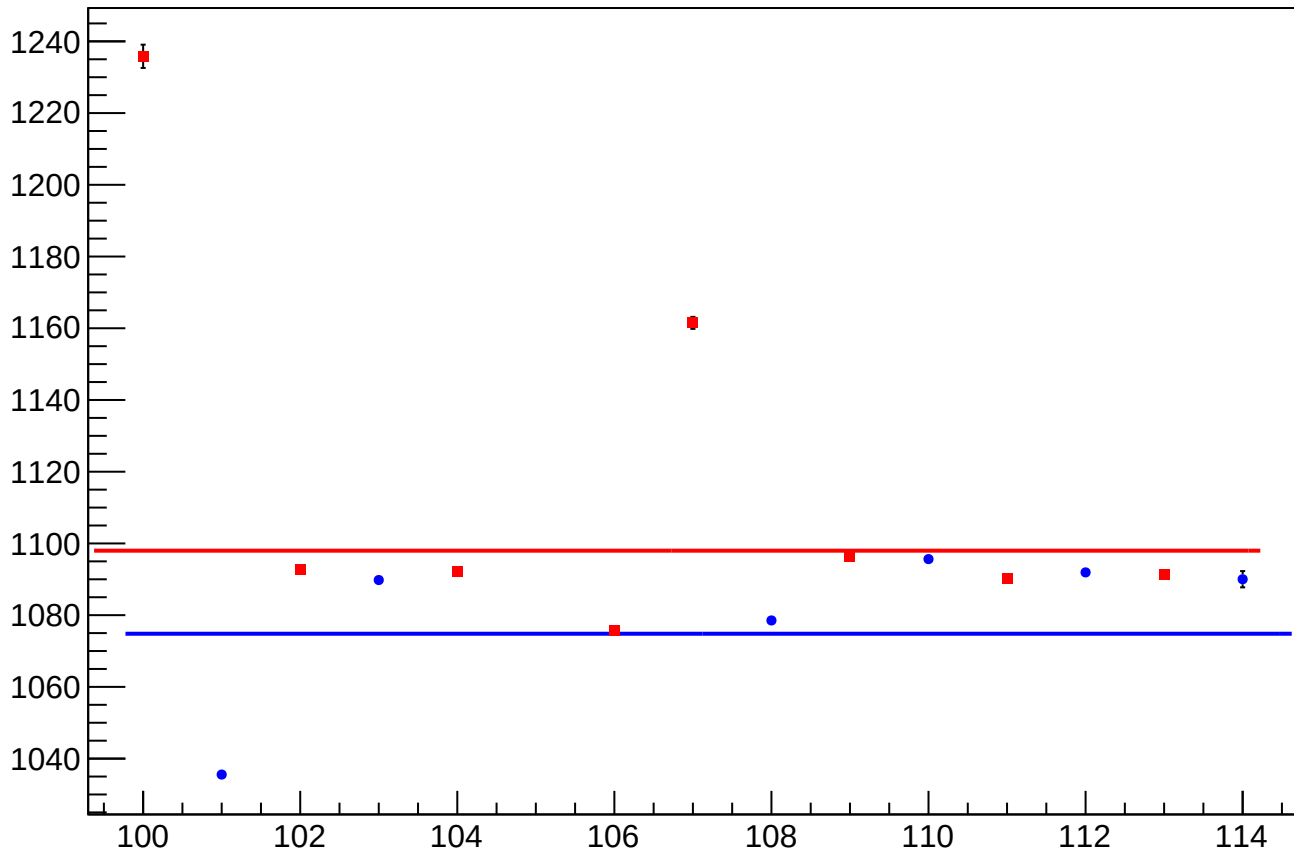
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.490+/-446.678 χ^2/NDF : 25.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1074.822+/-0.467 χ^2/NDF : 2691.0/5

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

Right Out: 1097.982+/-0.429 χ^2/NDF : 3664.9/7

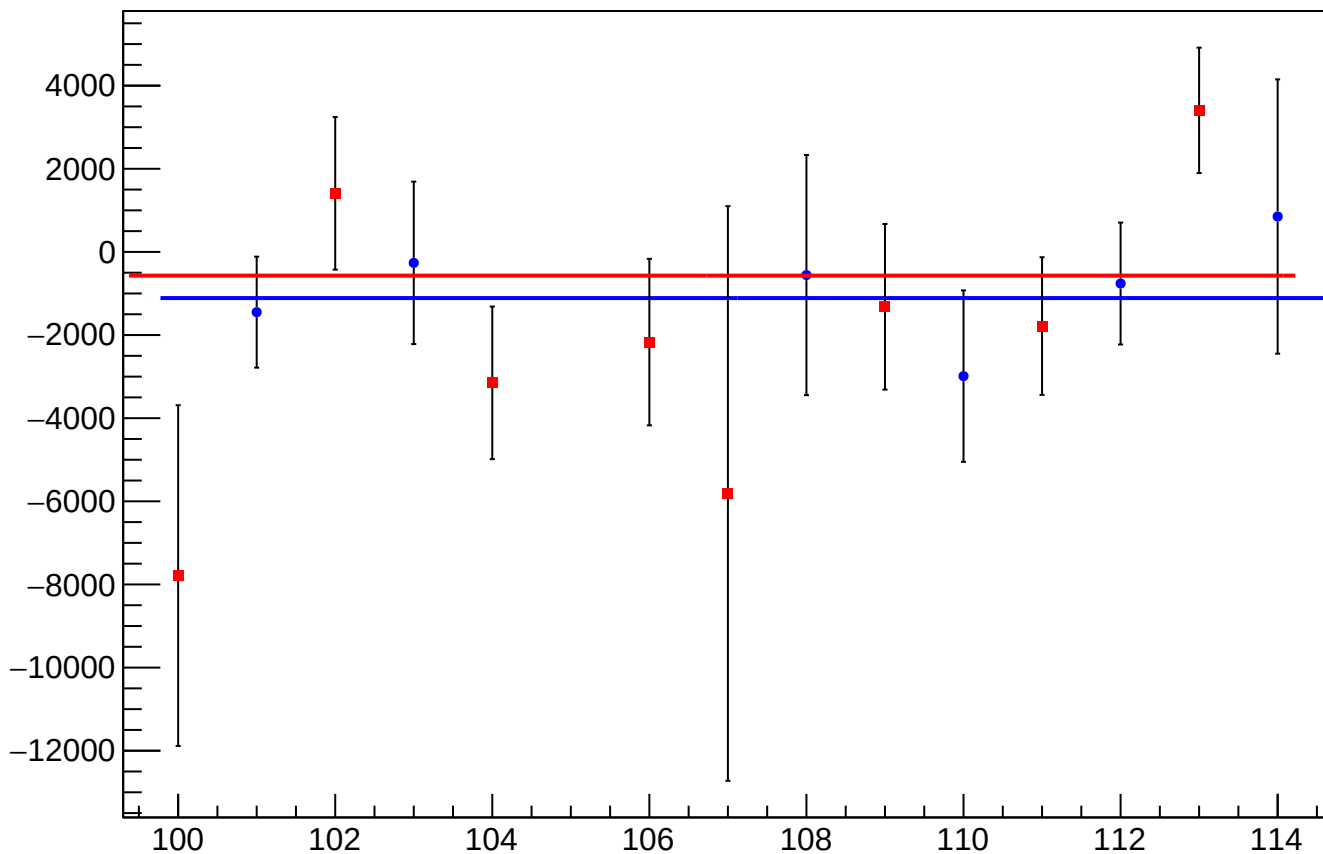
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.385+/-0.316 χ^2/NDF : 7690.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: -1110.570+/-759.216 χ^2/NDF : 1.5/5

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

Right Out: -570.255+/-710.725 χ^2/NDF : 15.1/7

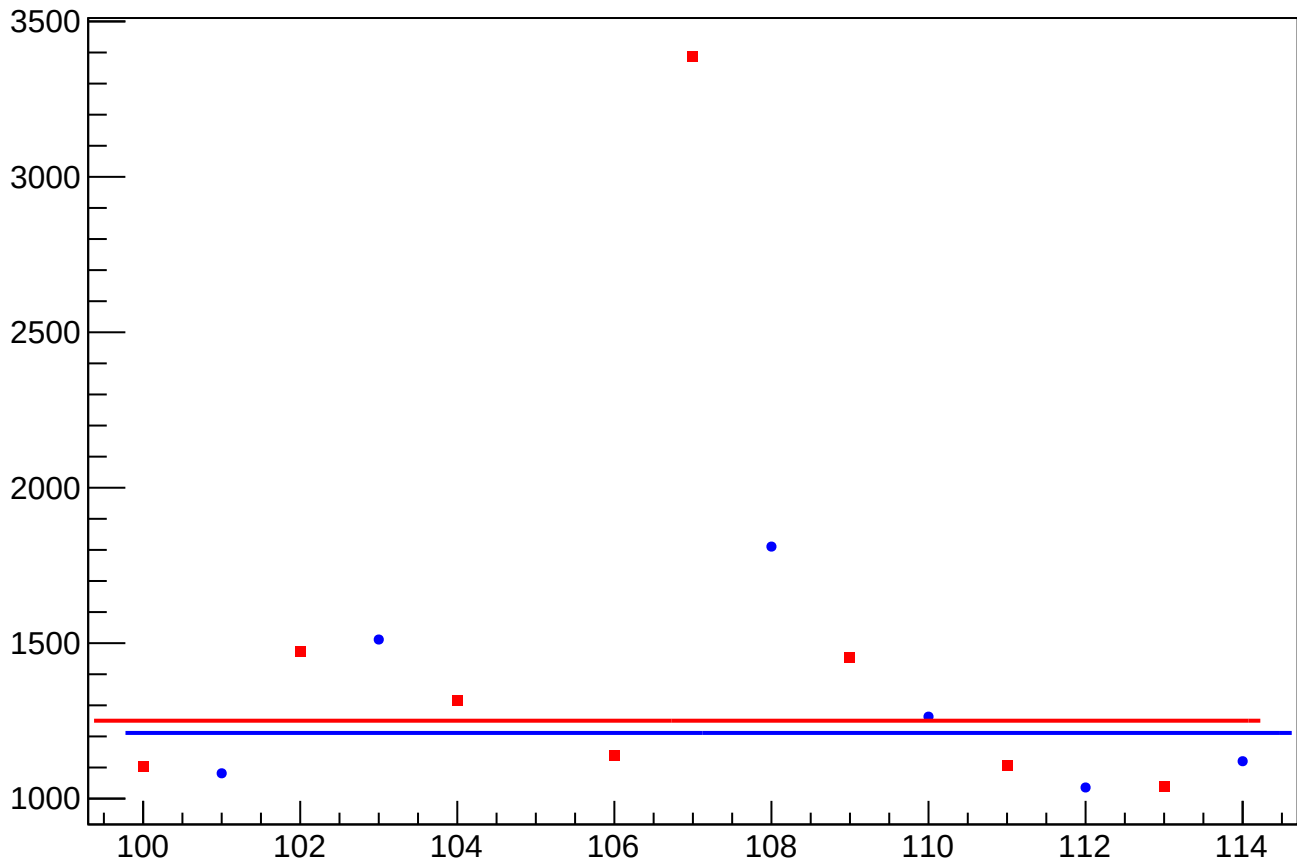
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.608+/-518.855 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_rms vs Slug



Right In: 1211.247 $\pm$ 0.537 χ^2 /NDF: 183727.9/5

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

Right Out: 1250.581 $\pm$ 0.503 χ^2 /NDF: 307716.0/7

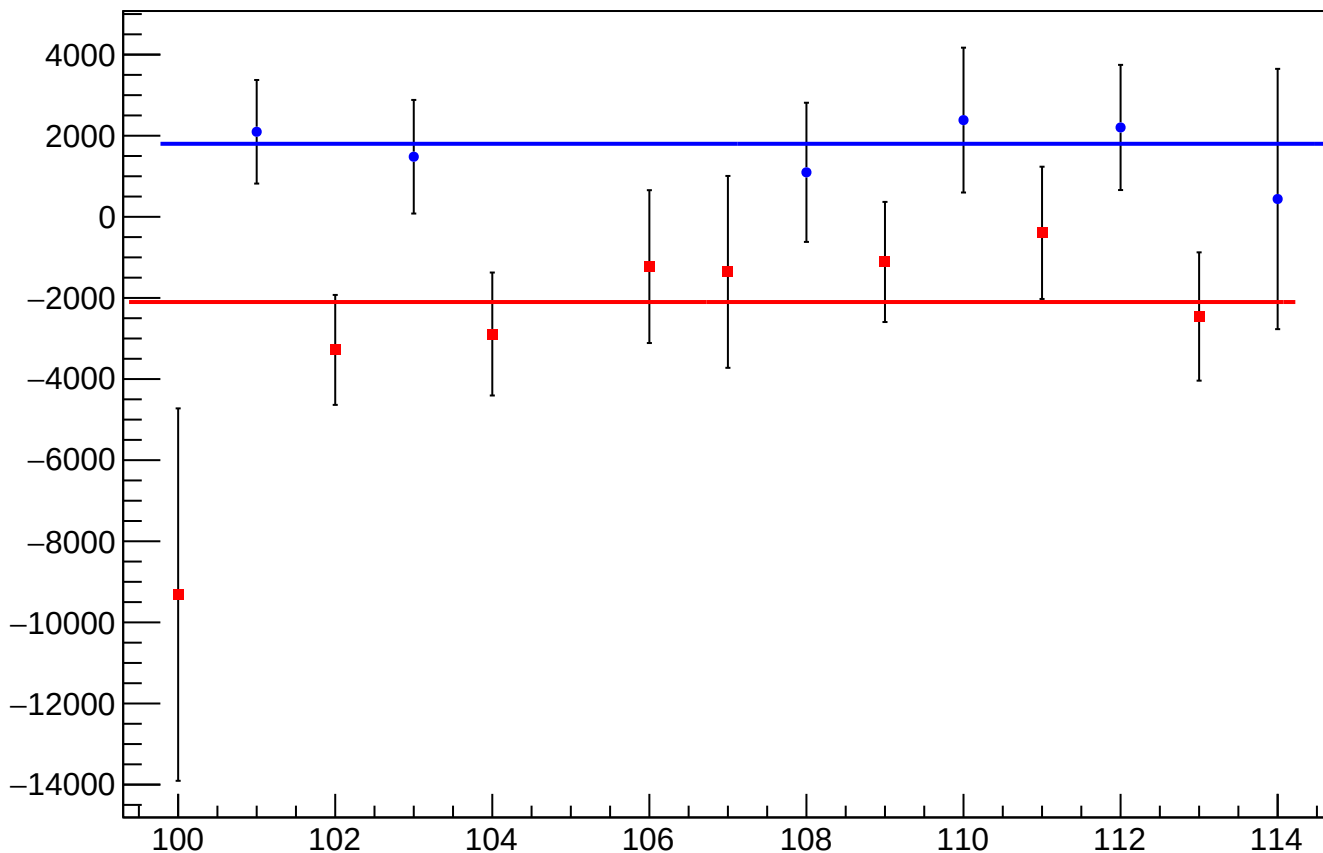
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1232.210 $\pm$ 0.367 χ^2 /NDF: 494304.9/13

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

cor_asym_usl_mean vs Slug



Right In: 1800.933 $\pm$ 660.353 χ^2 /NDF: 0.6/5

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

Right Out: -2100.658 $\pm$ 606.477 χ^2 /NDF: 5.4/7

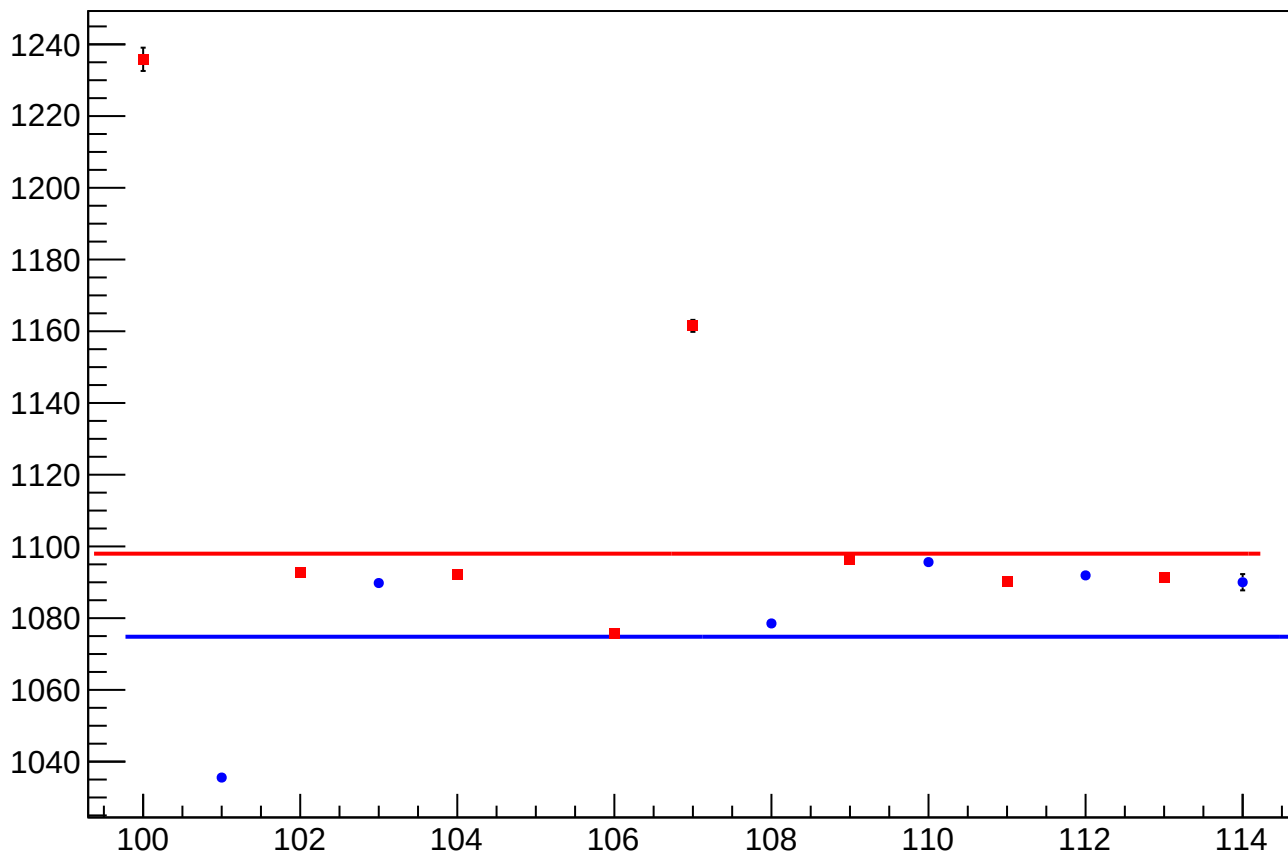
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -315.490 $\pm$ 446.678 χ^2 /NDF: 25.0/13

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

cor_asym_usl_rms vs Slug



Right In: 1074.822 $\pm$ 0.467 χ^2 /NDF: 2691.0/5

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

Right Out: 1097.982 $\pm$ 0.429 χ^2 /NDF: 3664.9/7

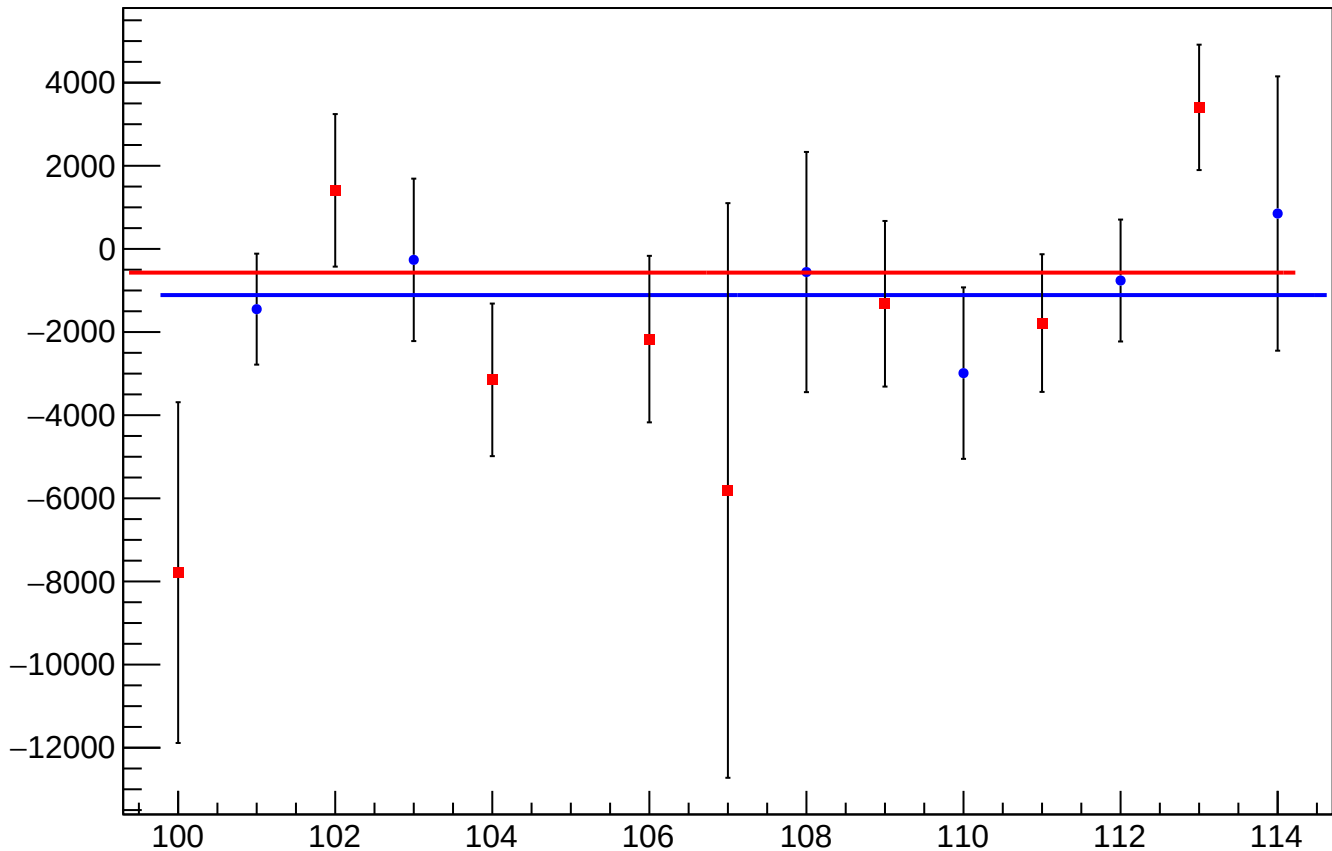
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1087.385 $\pm$ 0.316 χ^2 /NDF: 7690.5/13

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

asym_usl_cor_correction_mean vs Slug



Right In: -1110.570 $\pm$ 759.216 χ^2 /NDF: 1.5/5

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

Right Out: -570.255 $\pm$ 710.725 χ^2 /NDF: 15.1/7

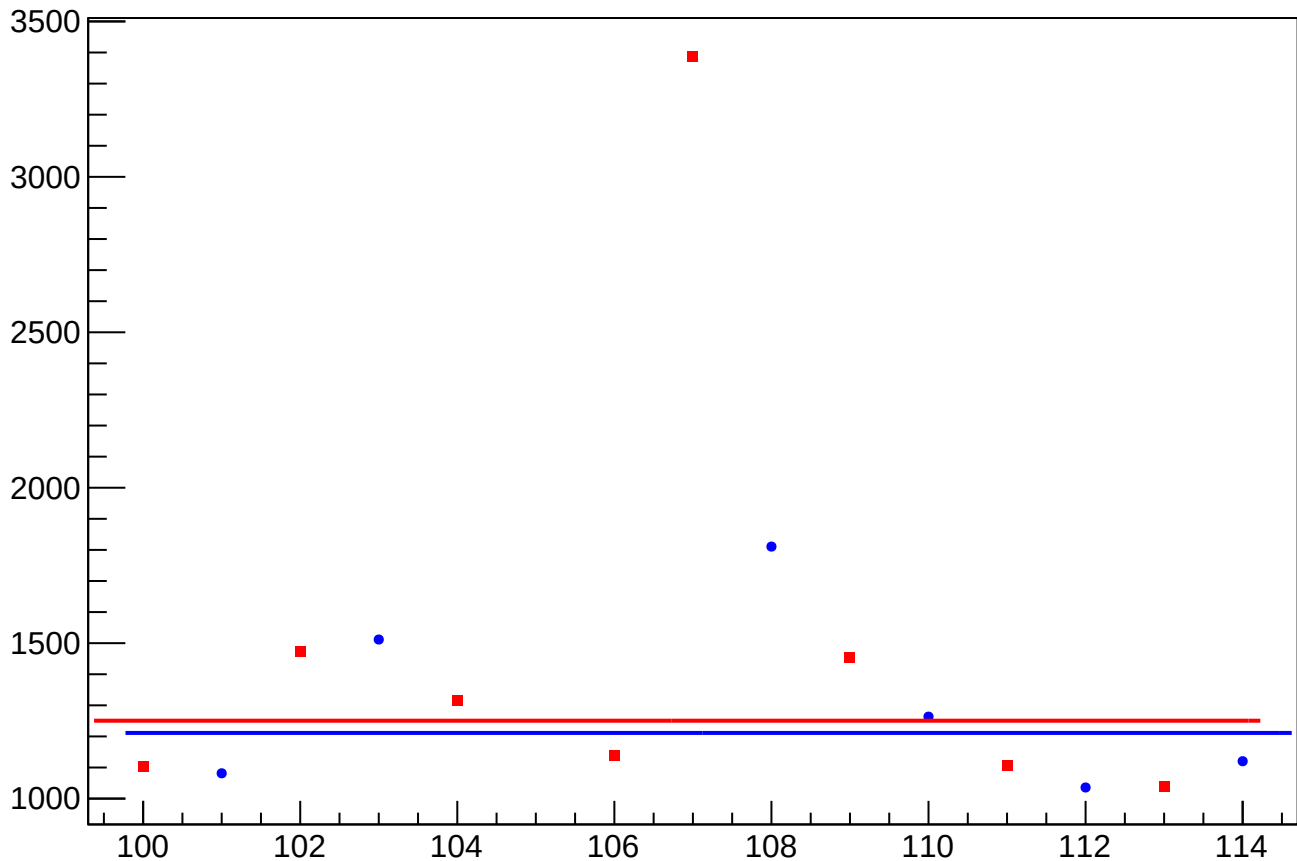
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -822.608 $\pm$ 518.855 χ^2 /NDF: 16.9/13

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

asym_usl_cor_correction_rms vs Slug



Right In: 1211.247 $\pm$ 0.537 χ^2 /NDF: 183727.9/5

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

Right Out: 1250.581 $\pm$ 0.503 χ^2 /NDF: 307716.0/7

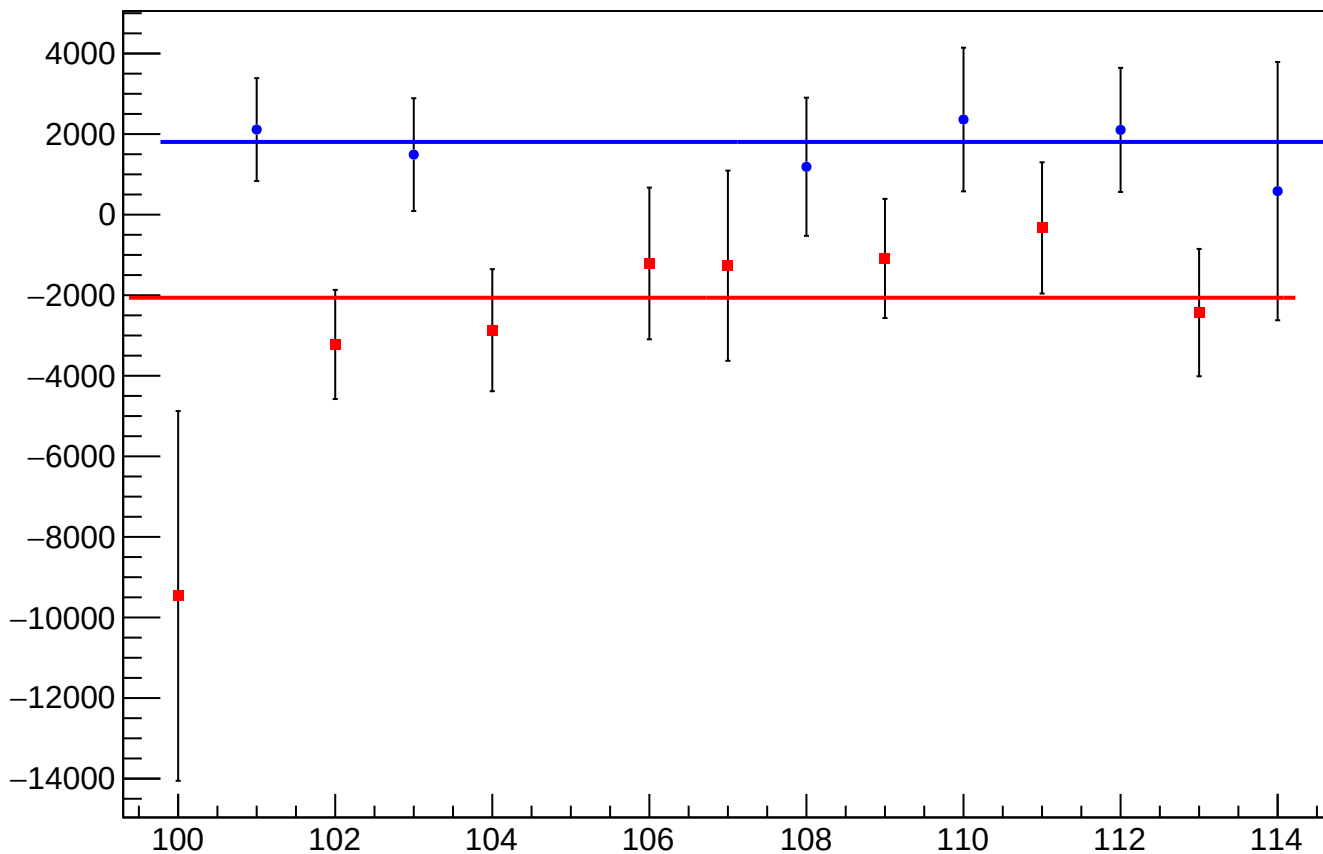
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1232.210 $\pm$ 0.367 χ^2 /NDF: 494304.9/13

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

overload_cor_asym_usl_mean vs Slug



Right In: 1805.220+/-659.826 χ^2/NDF : 0.5/5

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

Right Out: -2062.394+/-605.950 χ^2/NDF : 5.6/7

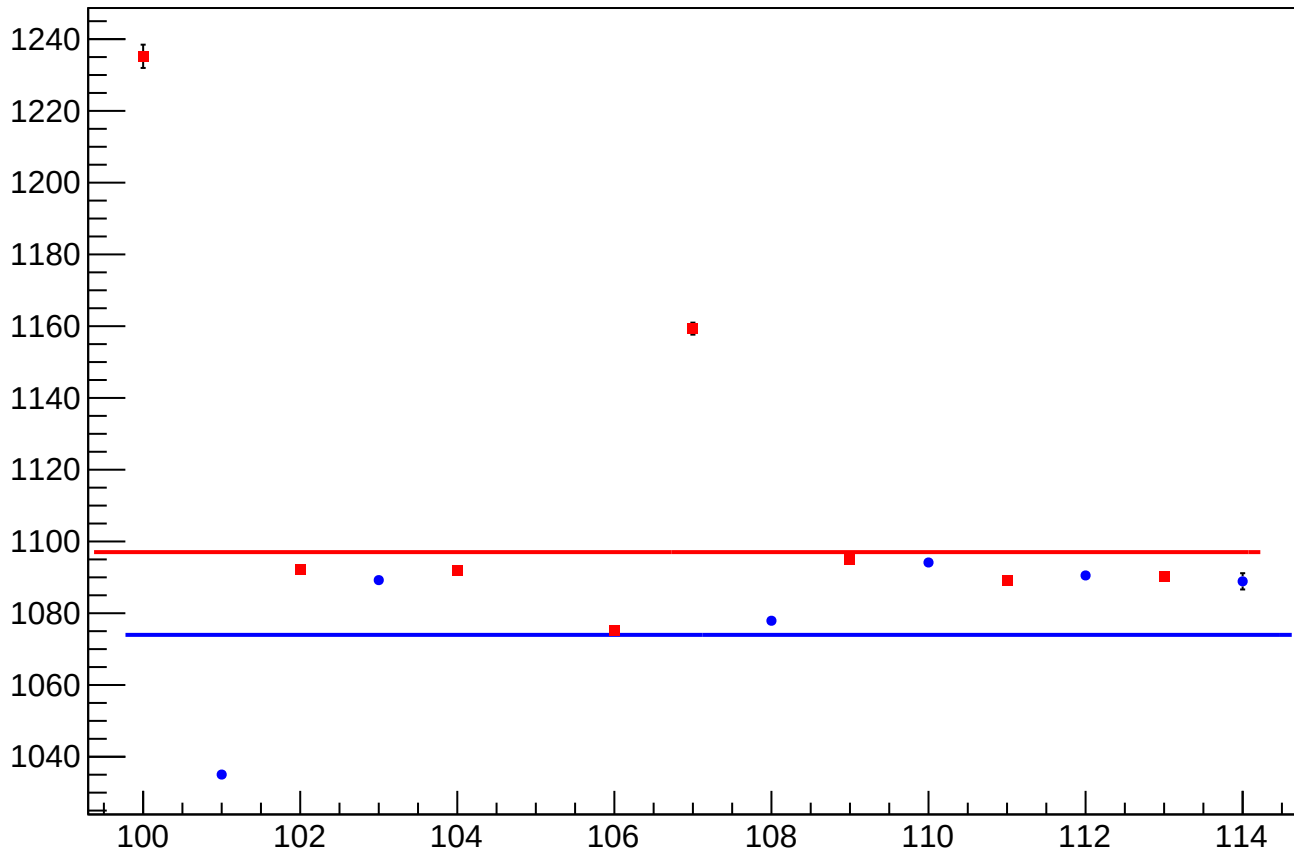
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -292.908+/-446.304 χ^2/NDF : 24.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1073.969 $\pm$ 0.467 χ^2 /NDF: 2638.8/5

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

Right Out: 1097.033 $\pm$ 0.428 χ^2 /NDF: 3611.5/7

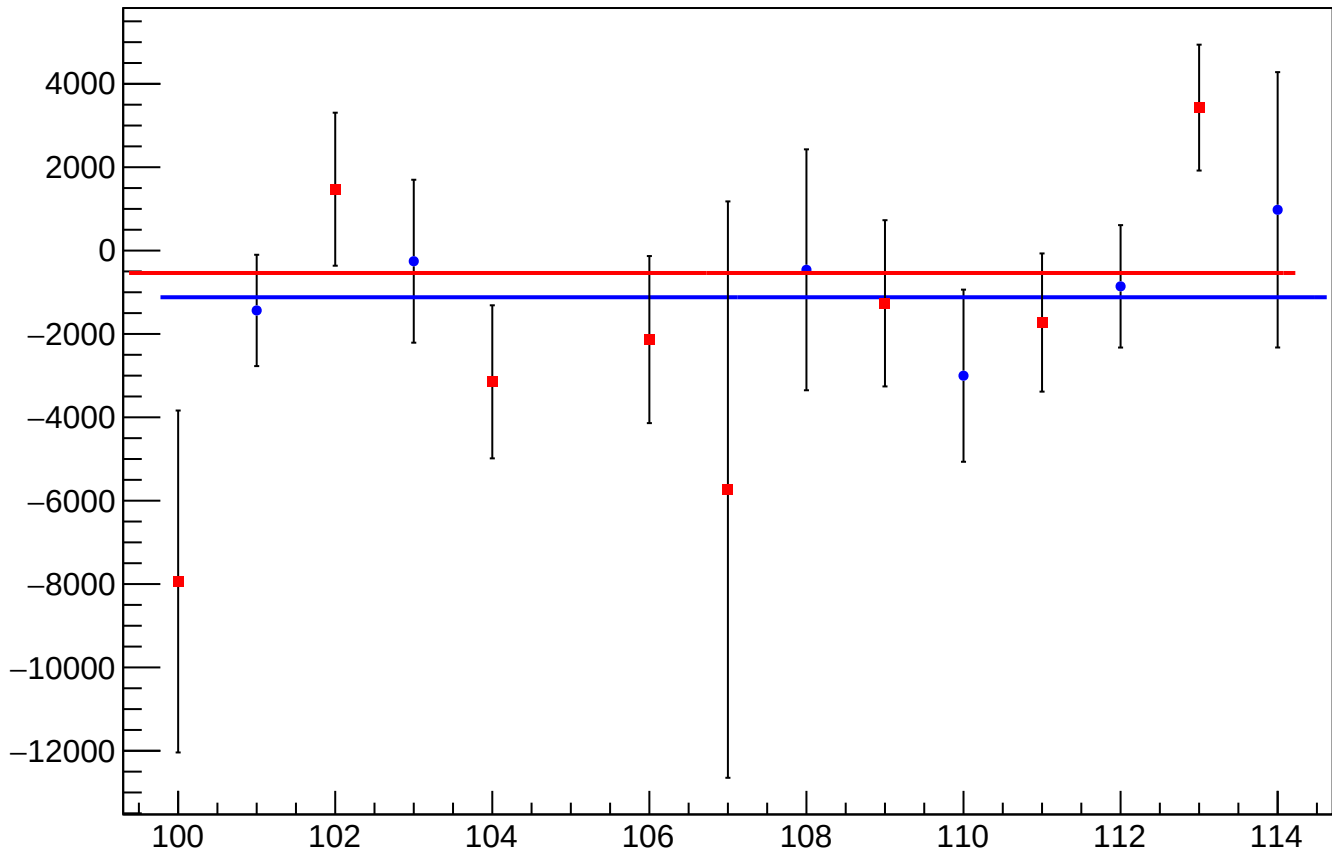
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1086.481 $\pm$ 0.316 χ^2 /NDF: 7575.9/13

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

asym_usl_overload_cor_correction_mean vs Slug



Right In: -1119.502 $\pm$ 759.798 χ^2 /NDF: 1.6/5

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

Right Out: -537.429 $\pm$ 711.220 χ^2 /NDF: 15.2/7

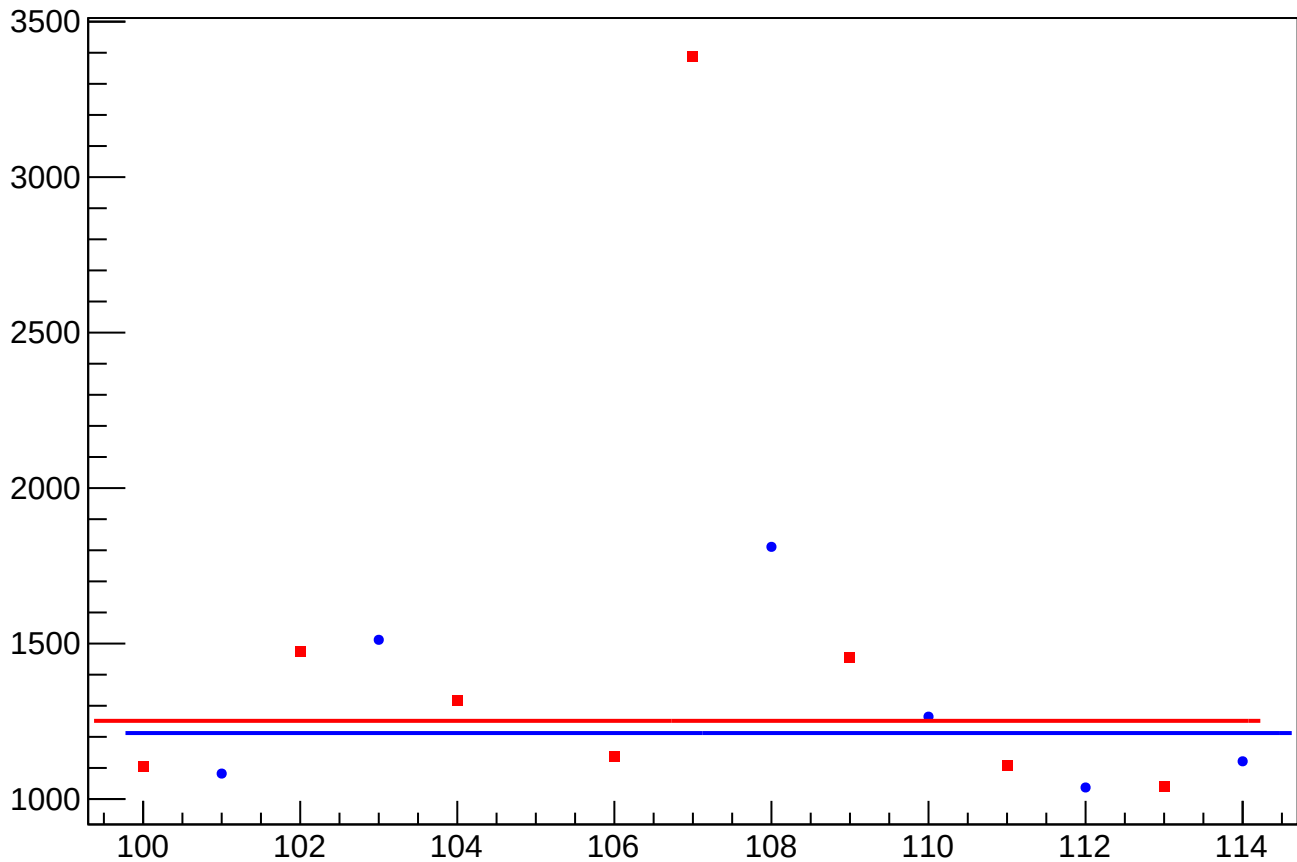
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -809.265 $\pm$ 519.233 χ^2 /NDF: 17.1/13

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

asym_usl_overload_cor_correction_rms vs Slug



Right In: 1212.239+/-0.537 χ^2/NDF : 183215.3/5

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

Right Out: 1251.509+/-0.503 χ^2/NDF : 307266.6/7

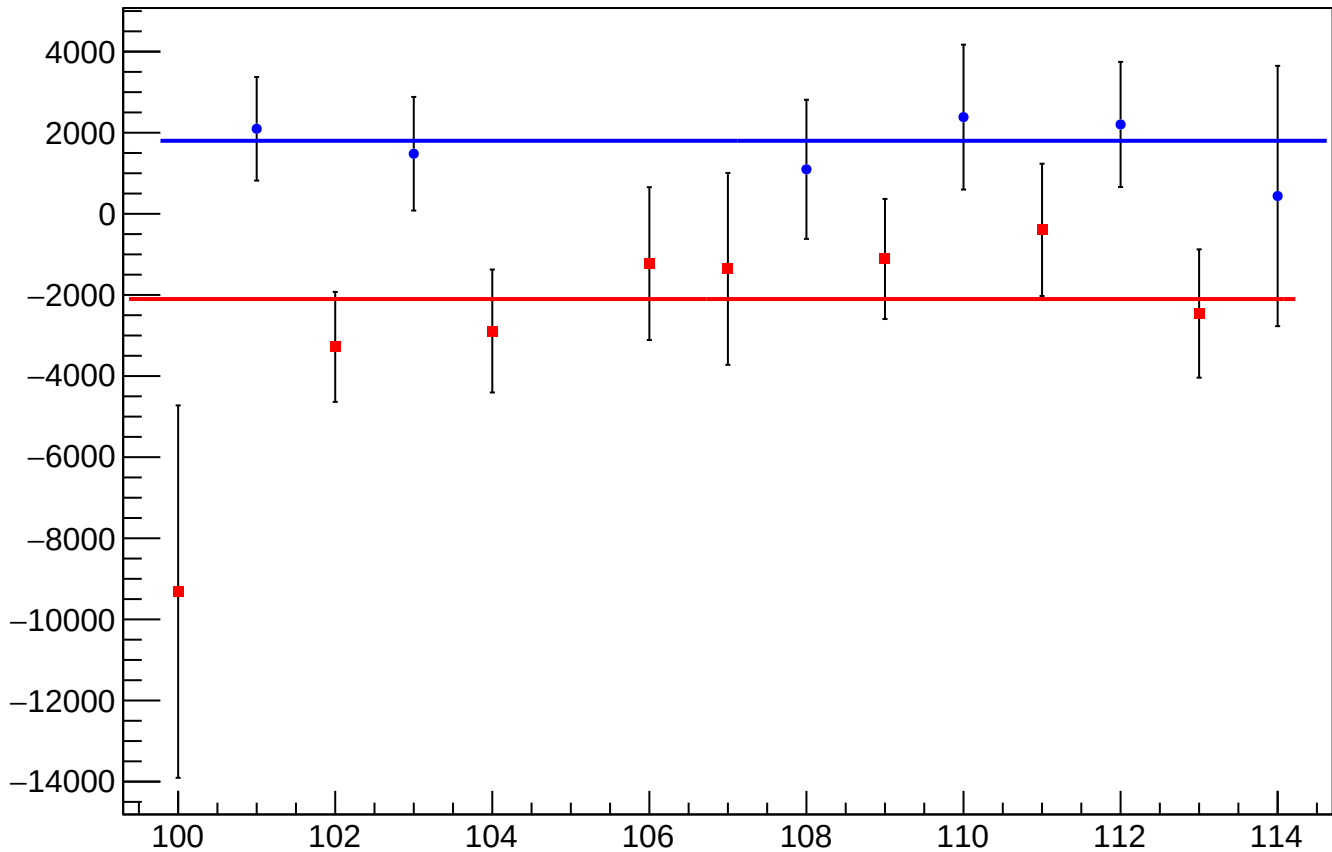
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1233.169+/-0.367 χ^2/NDF : 493329.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 1800.933 ± 660.353 χ^2/NDF : 0.6/5

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

Right Out: -2100.658 ± 606.477 χ^2/NDF : 5.4/7

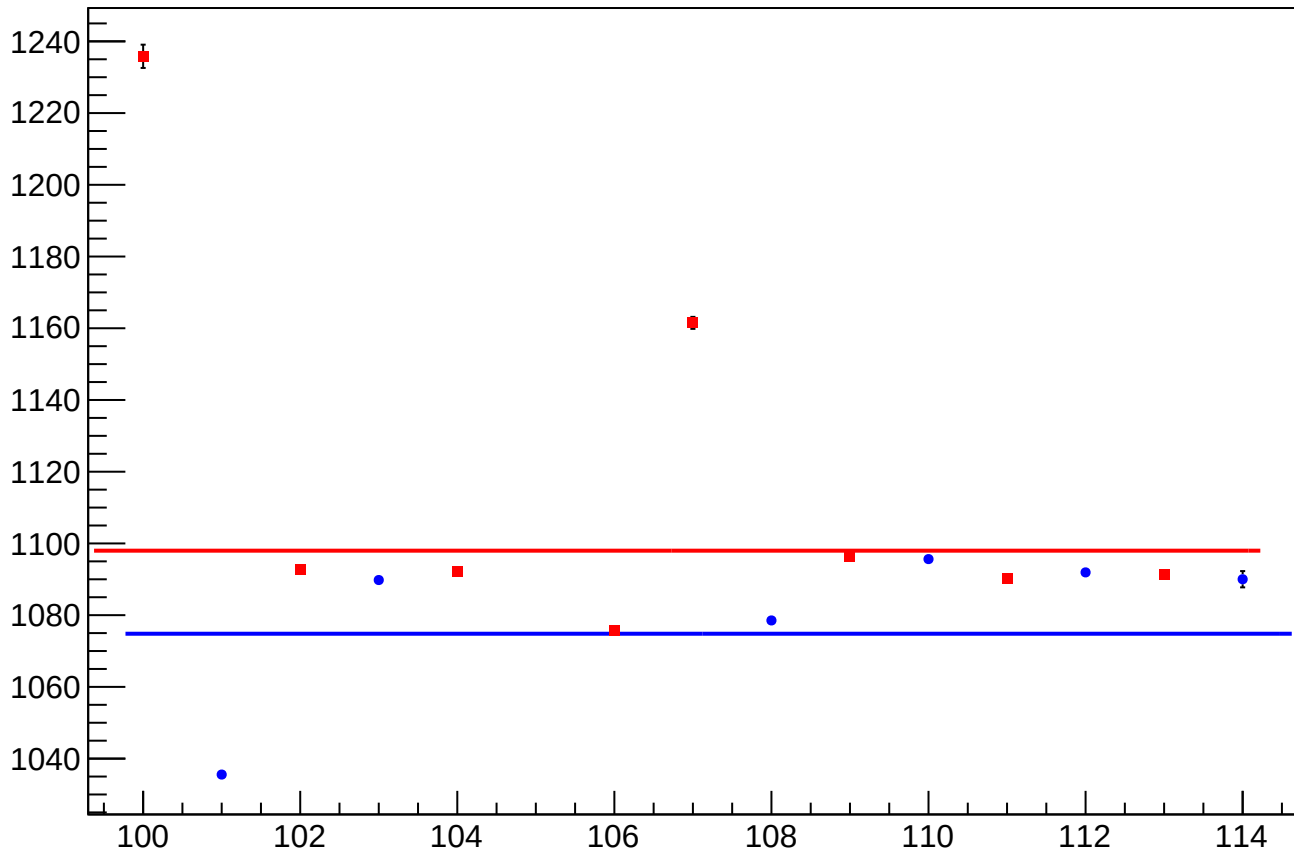
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -315.490 ± 446.678 χ^2/NDF : 25.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1074.822+/-0.467 χ^2/NDF : 2691.0/5

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

Right Out: 1097.982+/-0.429 χ^2/NDF : 3664.9/7

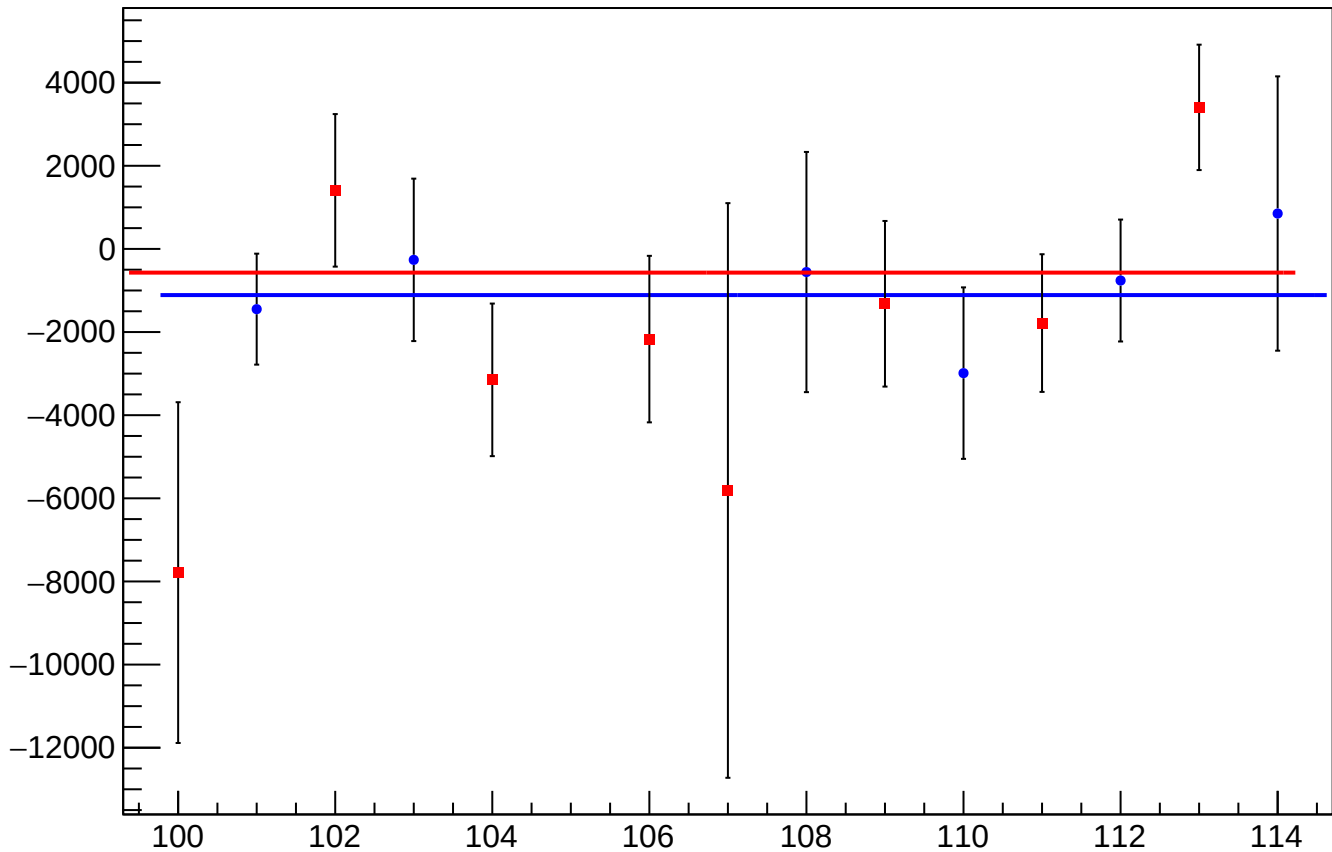
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.385+/-0.316 χ^2/NDF : 7690.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: -1110.570+/-759.216 χ^2/NDF : 1.5/5

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

Right Out: -570.255+/-710.725 χ^2/NDF : 15.1/7

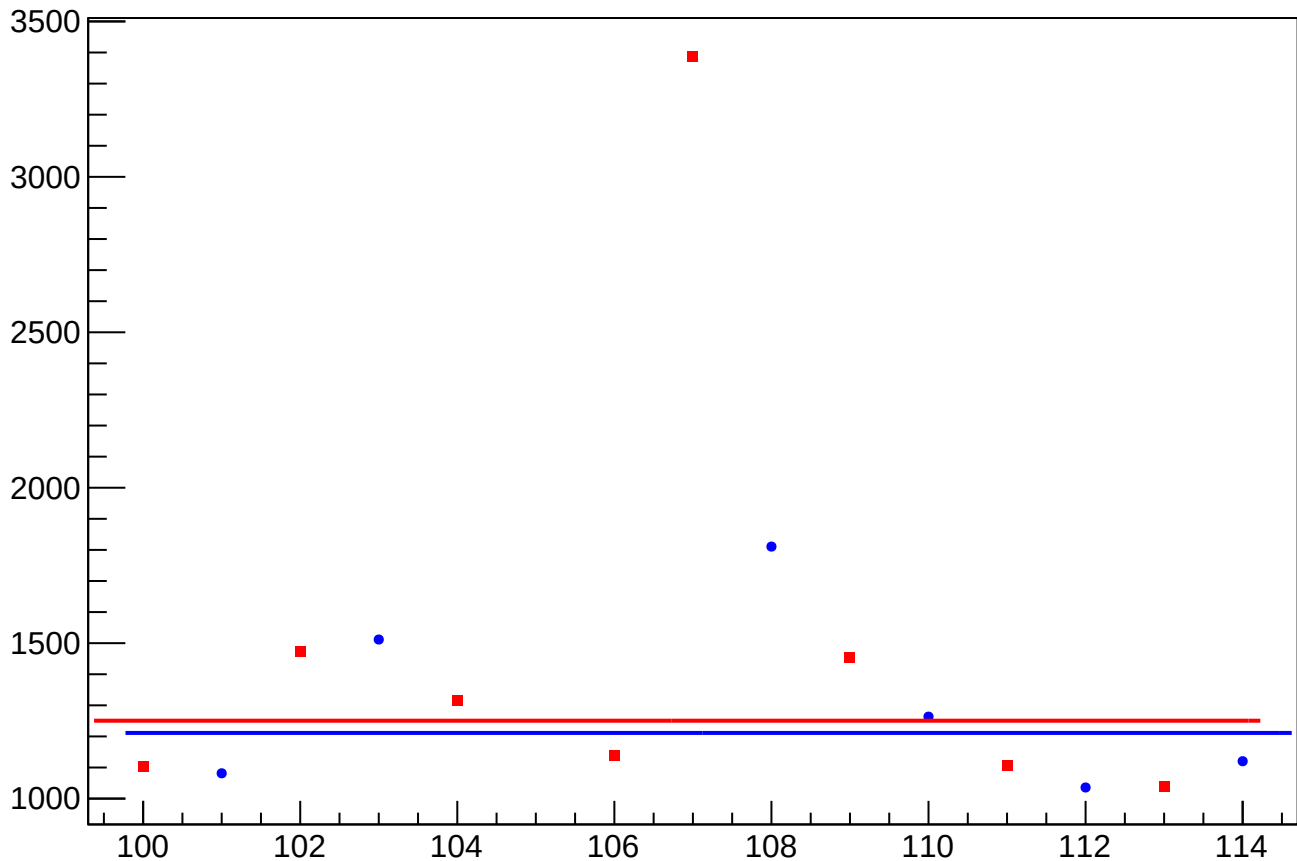
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.608+/-518.855 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 1211.247+/-0.537 χ^2/NDF : 183727.9/5

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

Right Out: 1250.581+/-0.503 χ^2/NDF : 307716.0/7

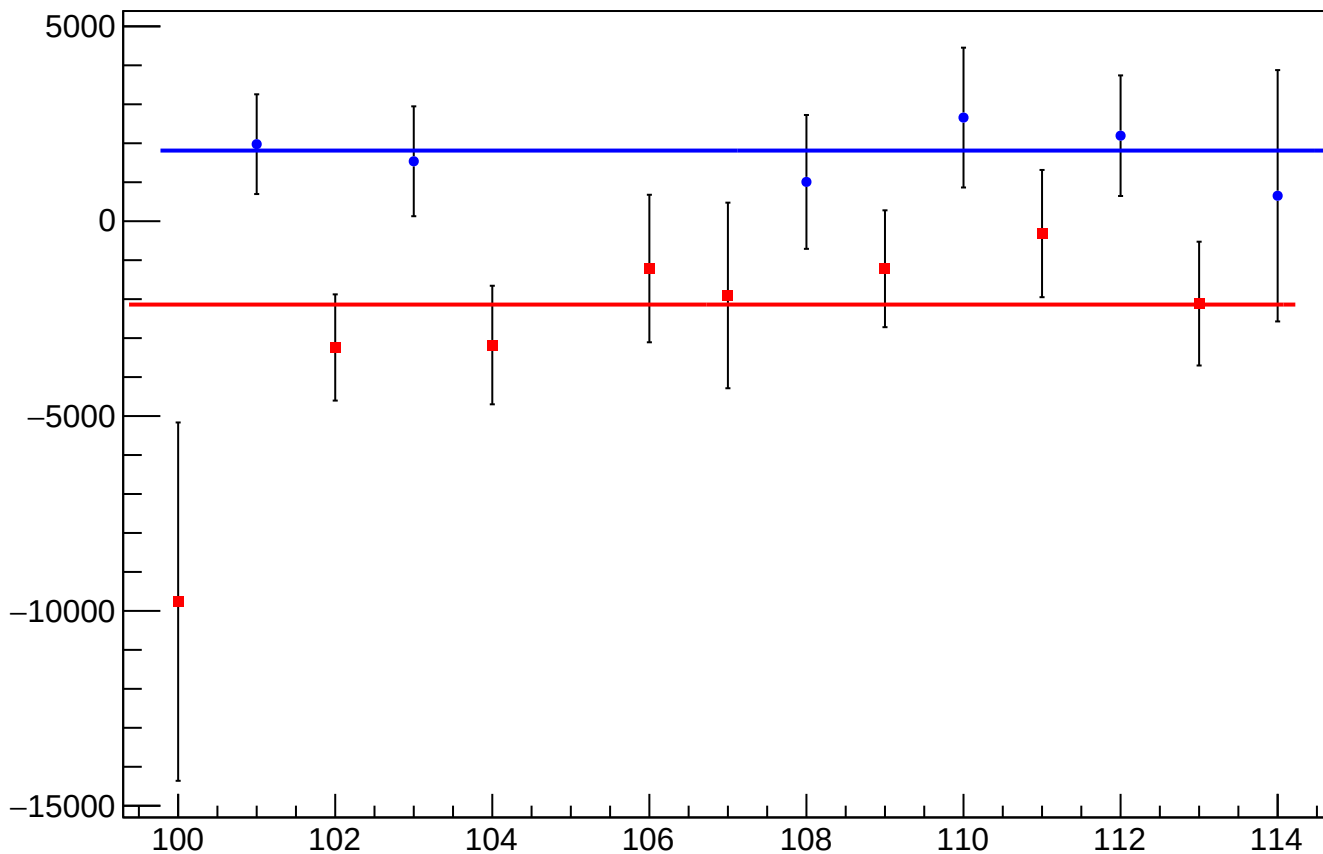
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.210+/-0.367 χ^2/NDF : 494304.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_mean vs Slug



Right In: 1812.654 ± 662.674 χ^2/NDF : 0.7/5

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

Right Out: -2139.243 ± 609.749 χ^2/NDF : 5.7/7

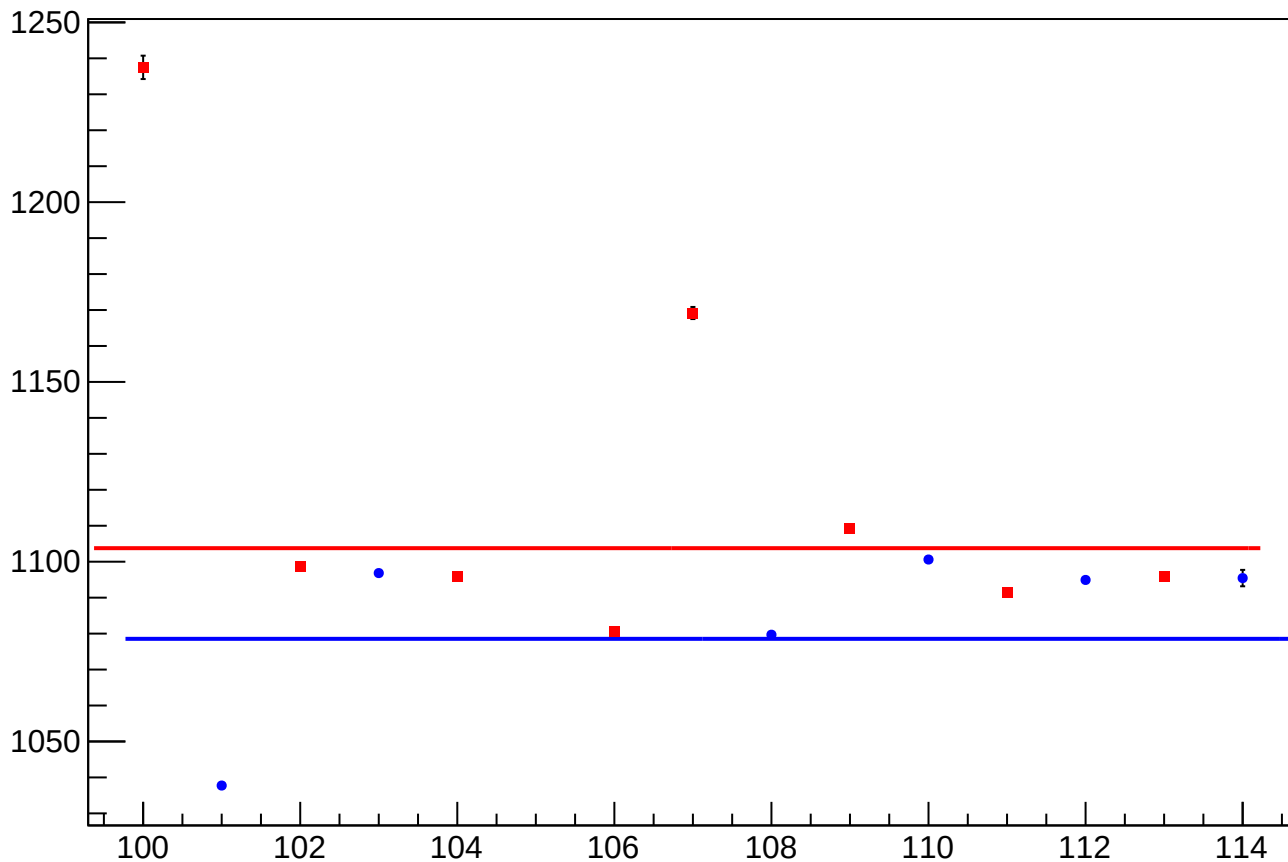
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -327.387 ± 448.703 χ^2/NDF : 25.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_usl_rms vs Slug



Right In: 1078.546 $\pm$ 0.469 χ^2 /NDF: 2952.0/5

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

Right Out: 1103.763 $\pm$ 0.431 χ^2 /NDF: 3773.0/7

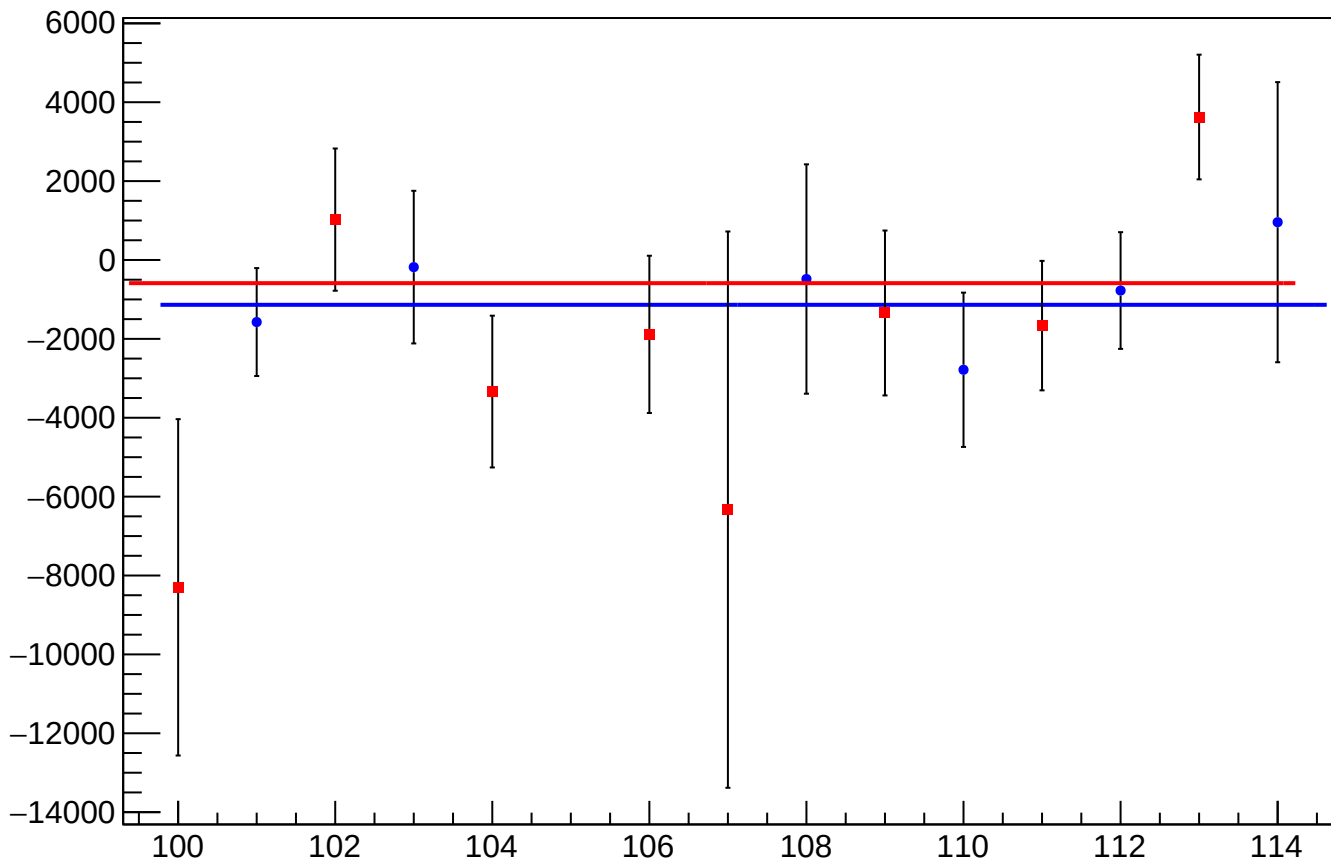
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1092.202 $\pm$ 0.317 χ^2 /NDF: 8293.3/13

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

asym_usl_dit_correction_mean vs Slug



Right In: -1136.397+/-763.093 χ^2/NDF : 1.5/5

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

Right Out: -587.518+/-724.583 χ^2/NDF : 14.9/7

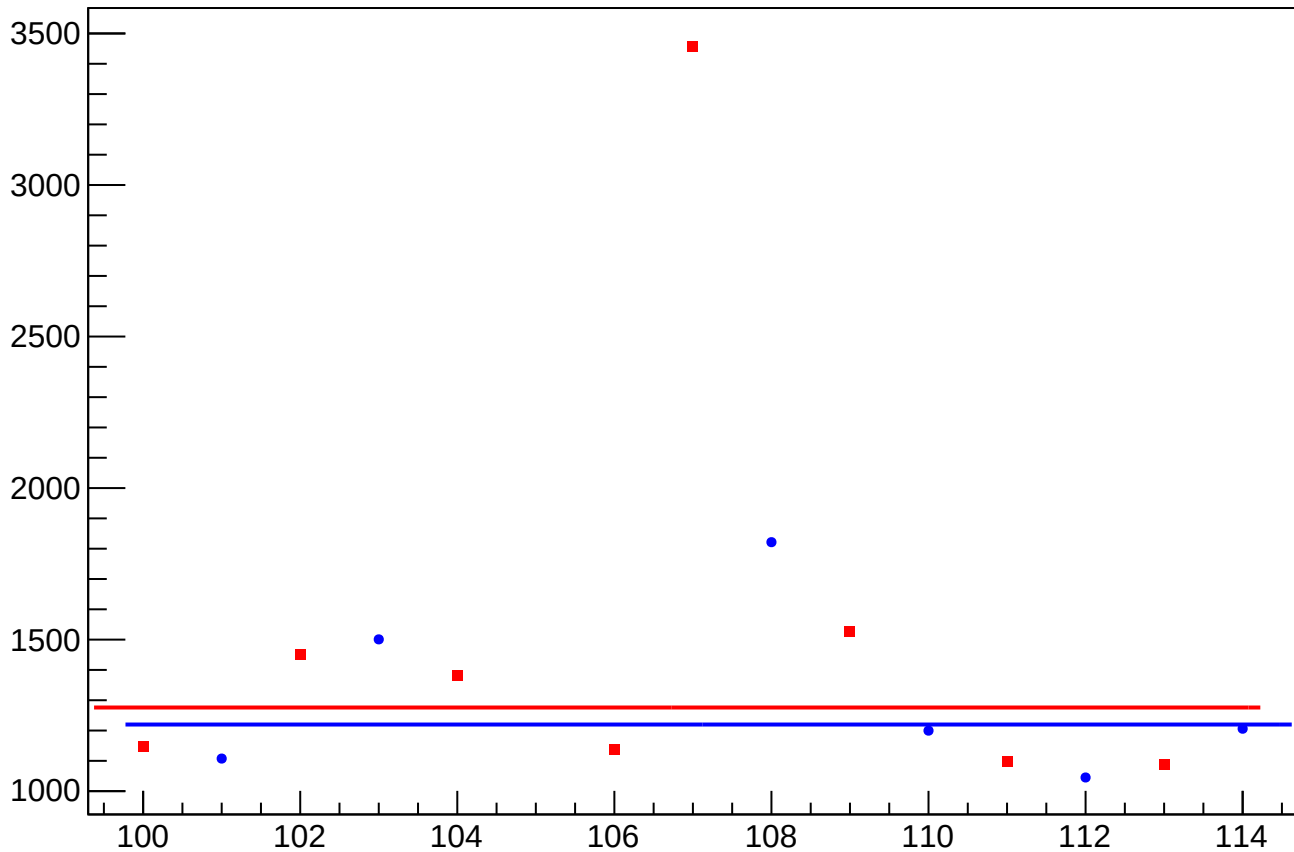
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -847.759+/-525.445 χ^2/NDF : 16.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_rms vs Slug



Right In: 1219.831 $\pm$ 0.540 χ^2 /NDF: 169447.3/5

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

Right Out: 1275.993 $\pm$ 0.512 χ^2 /NDF: 308318.5/7

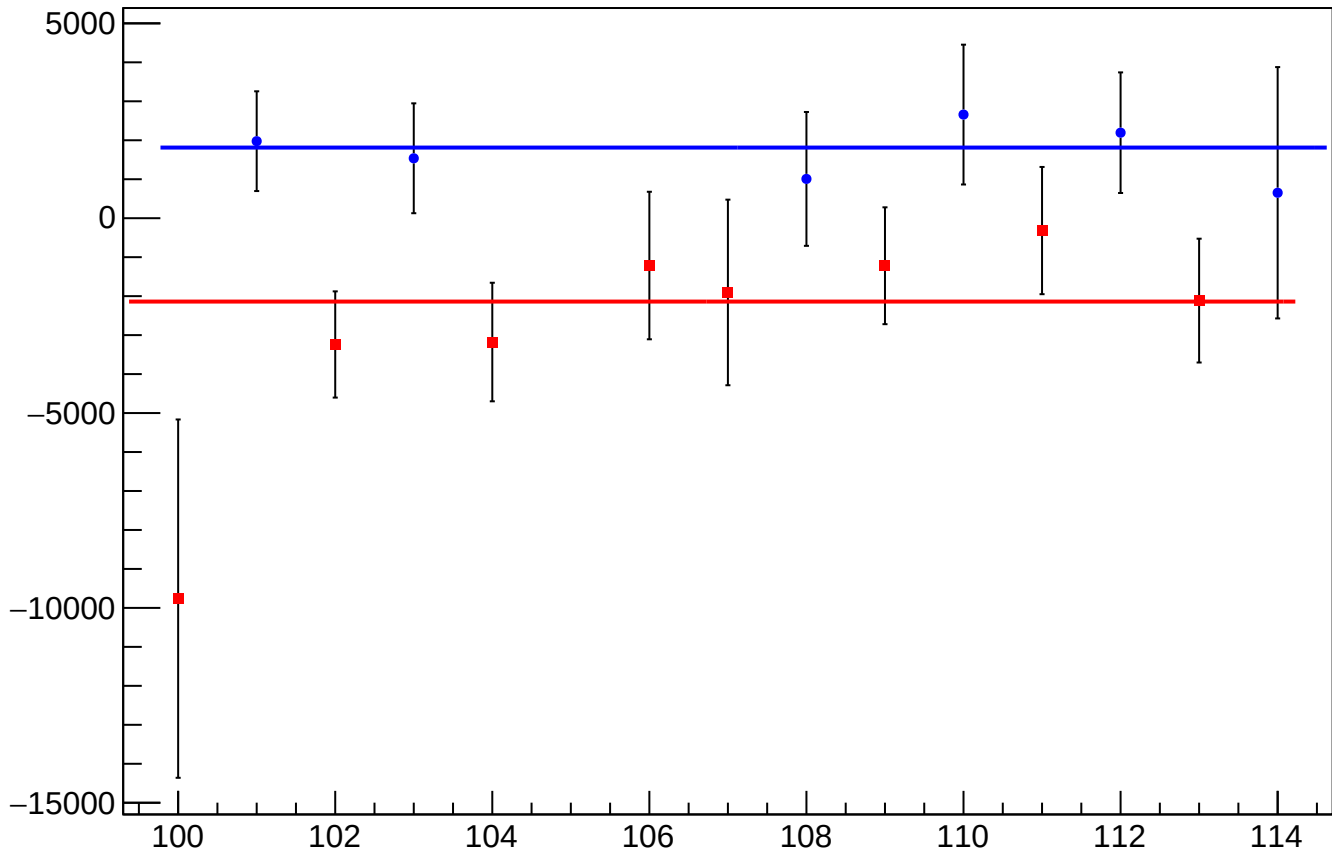
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1249.365 $\pm$ 0.372 χ^2 /NDF: 483462.6/13

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

eigen_dit_asym_usl_mean vs Slug



Right In: 1812.655 $\pm$ 662.674 χ^2 /NDF: 0.7/5

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

Right Out: -2139.240 $\pm$ 609.749 χ^2 /NDF: 5.7/7

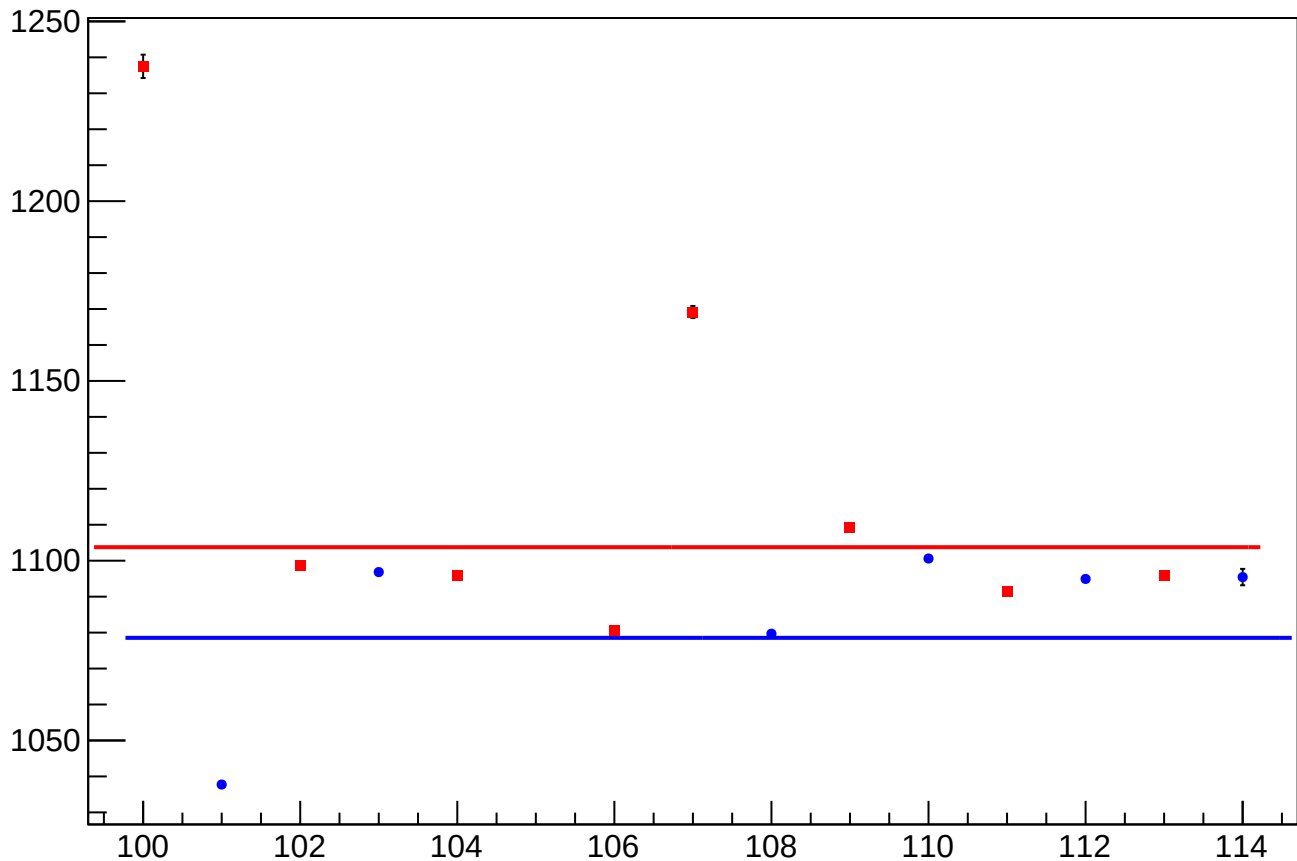
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -327.385 $\pm$ 448.703 χ^2 /NDF: 25.7/13

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

eigen_dit_asym_usl_rms vs Slug



Right In: 1078.546 $\pm$ 0.469 χ^2 /NDF: 2952.0/5

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

Right Out: 1103.763 $\pm$ 0.431 χ^2 /NDF: 3772.9/7

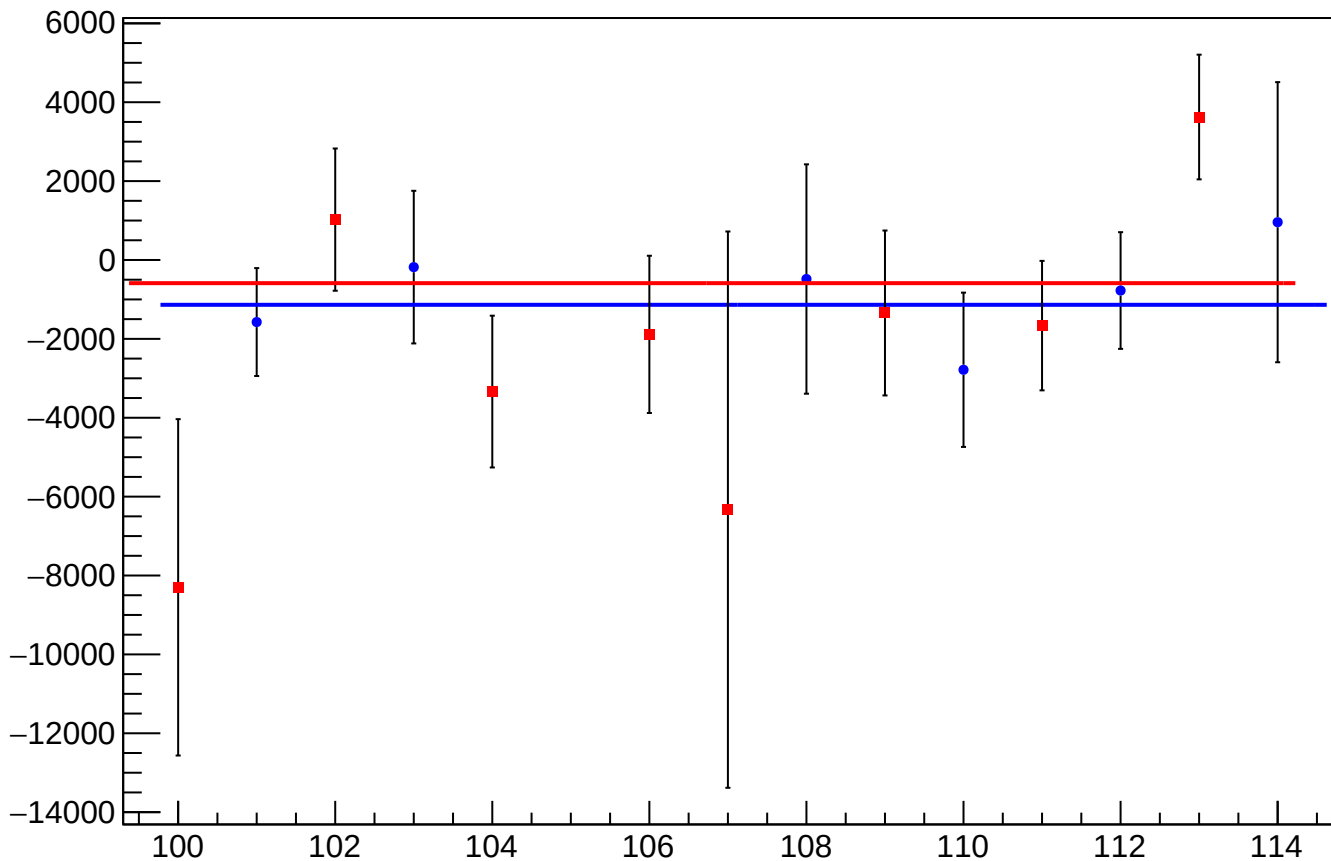
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1092.201 $\pm$ 0.317 χ^2 /NDF: 8293.2/13

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

asym_usl_eigen_dit_correction_mean vs Slug



Right In: -1136.396+/-763.093 χ^2/NDF : 1.5/5

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

Right Out: -587.518+/-724.582 χ^2/NDF : 14.9/7

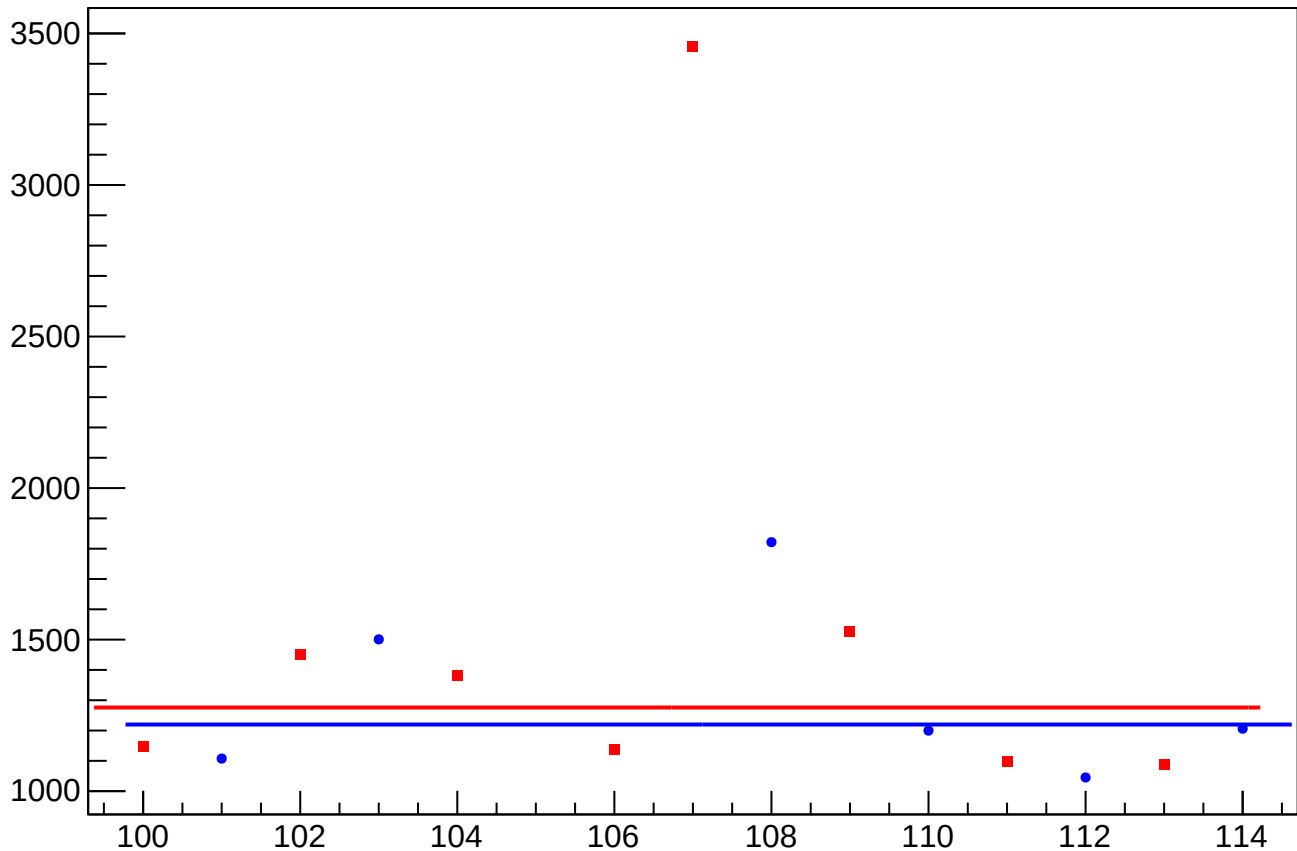
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -847.758+/-525.444 χ^2/NDF : 16.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 1219.830+/-0.540 χ^2/NDF : 169446.6/5

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

Right Out: 1275.992+/-0.512 χ^2/NDF : 308315.6/7

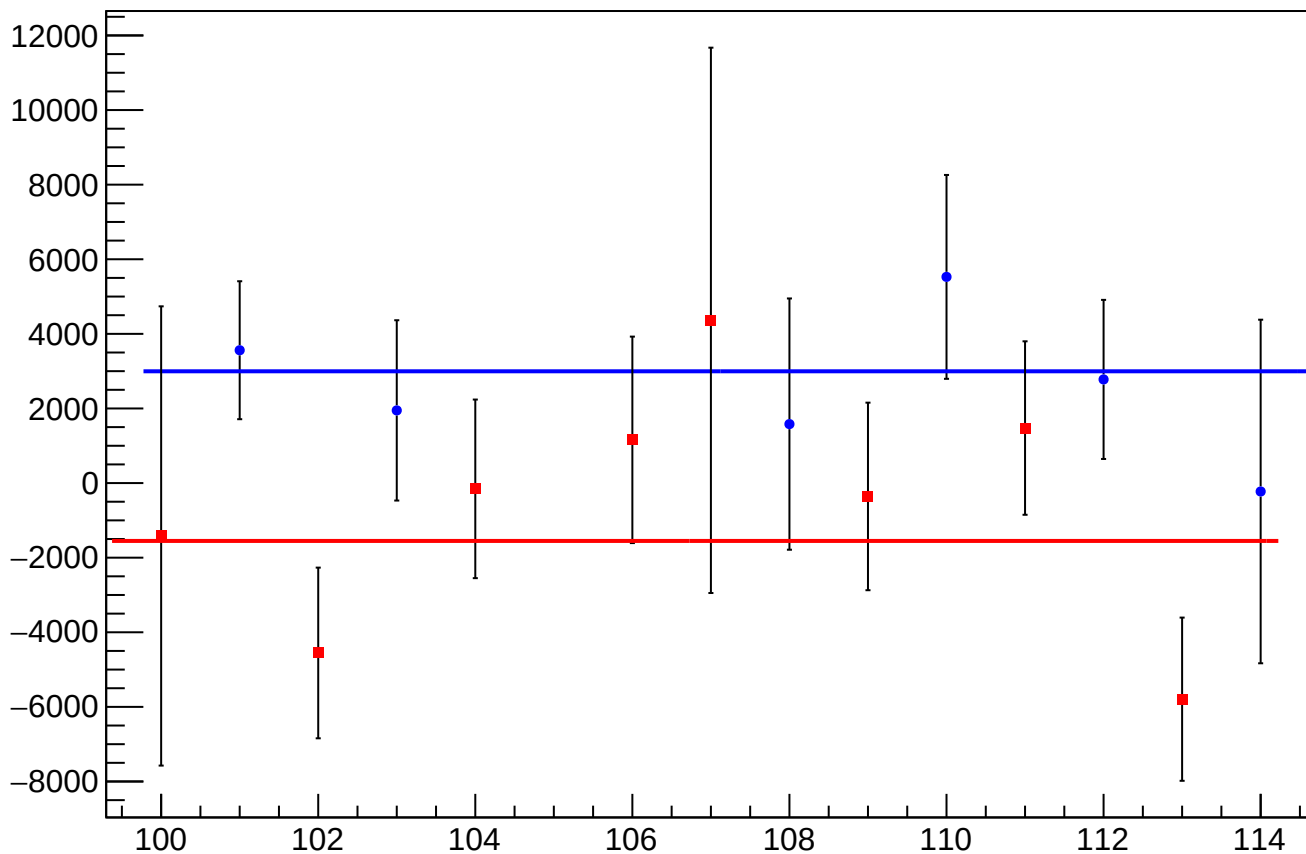
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1249.364+/-0.372 χ^2/NDF : 483459.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2996.469+/-1024.522 χ^2/NDF : 1.8/5

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

Right Out: -1551.333+/-956.354 χ^2/NDF : 9.4/7

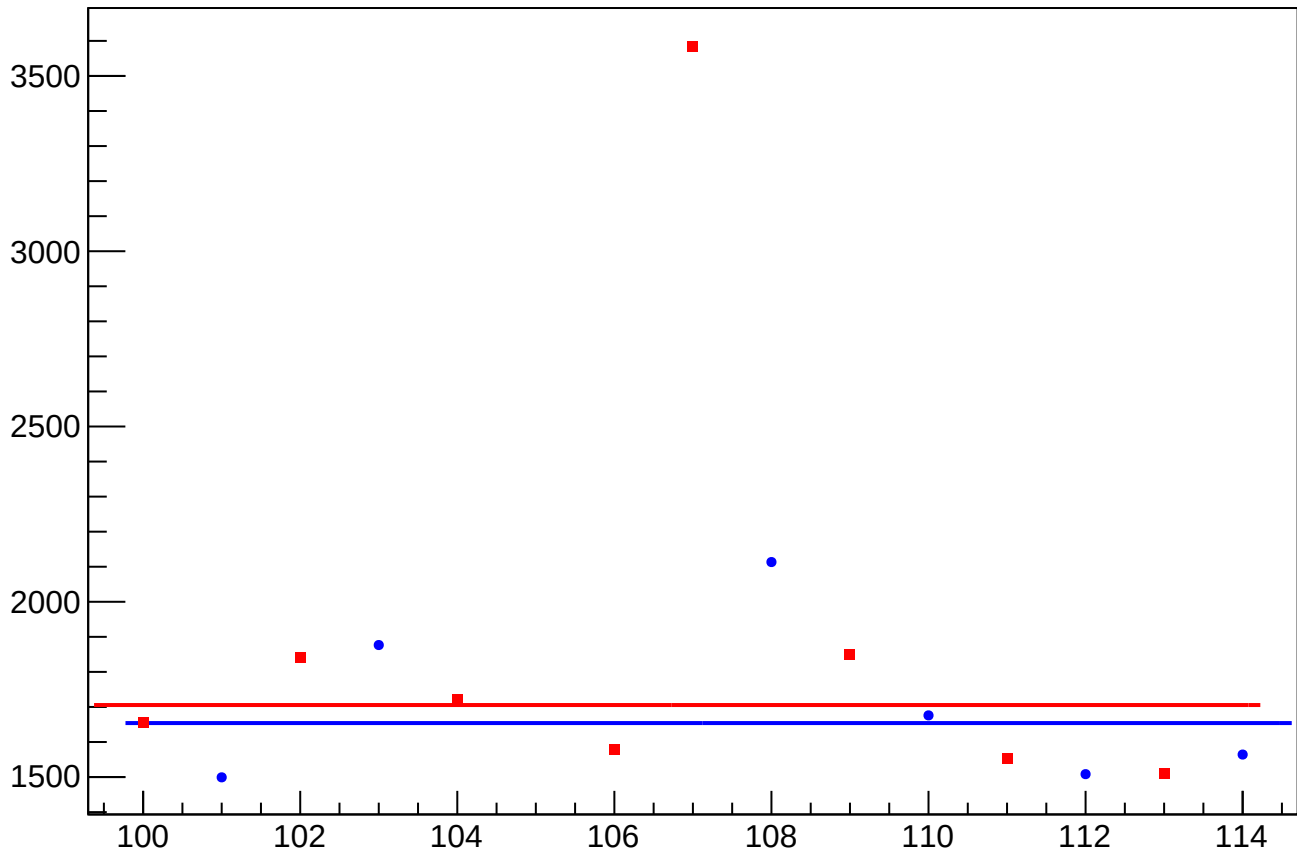
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.250+/-699.102 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_rms vs Slug



Right In: 1654.031+/-0.724 χ^2/NDF : 78406.4/5

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

Right Out: 1705.481+/-0.676 χ^2/NDF : 174846.0/7

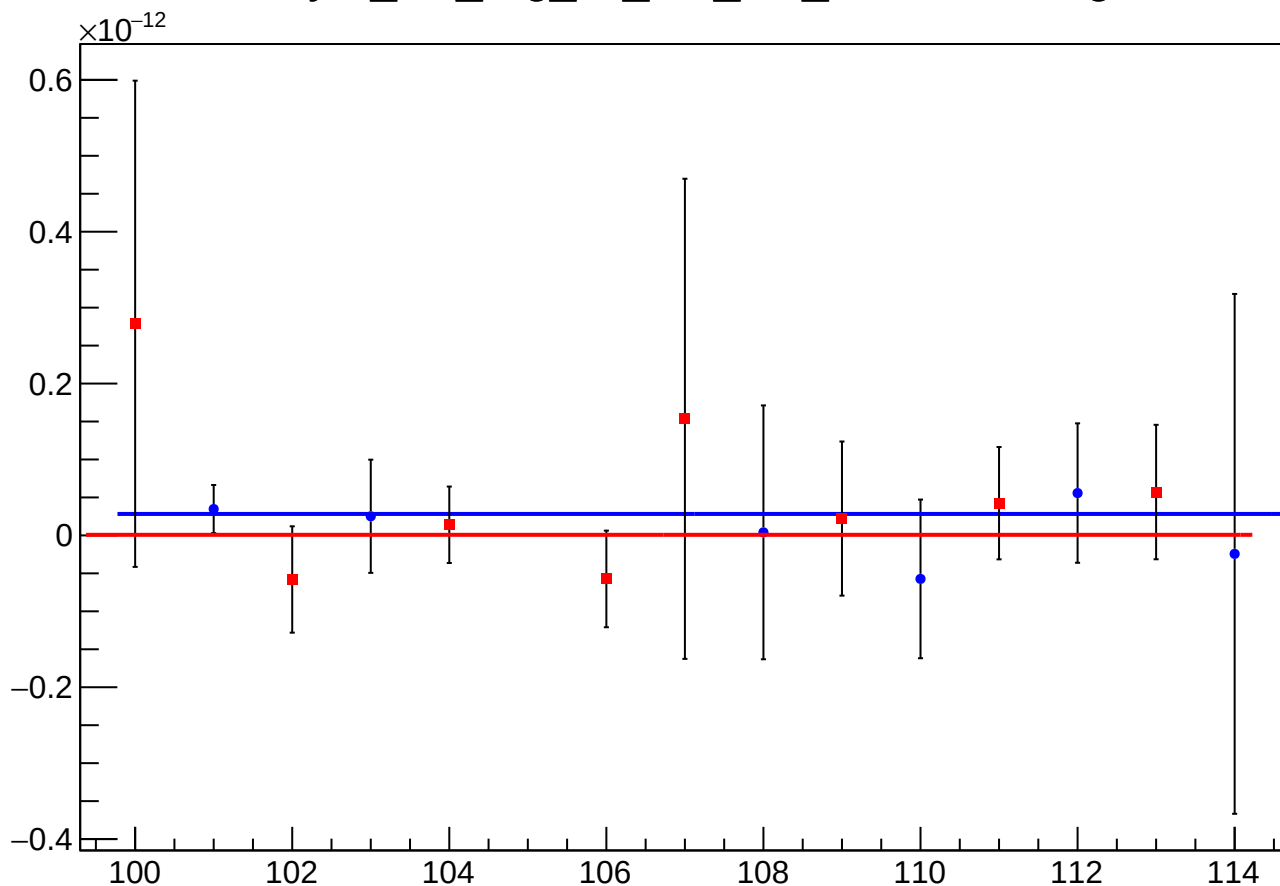
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.524+/-0.494 χ^2/NDF : 255947.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/7

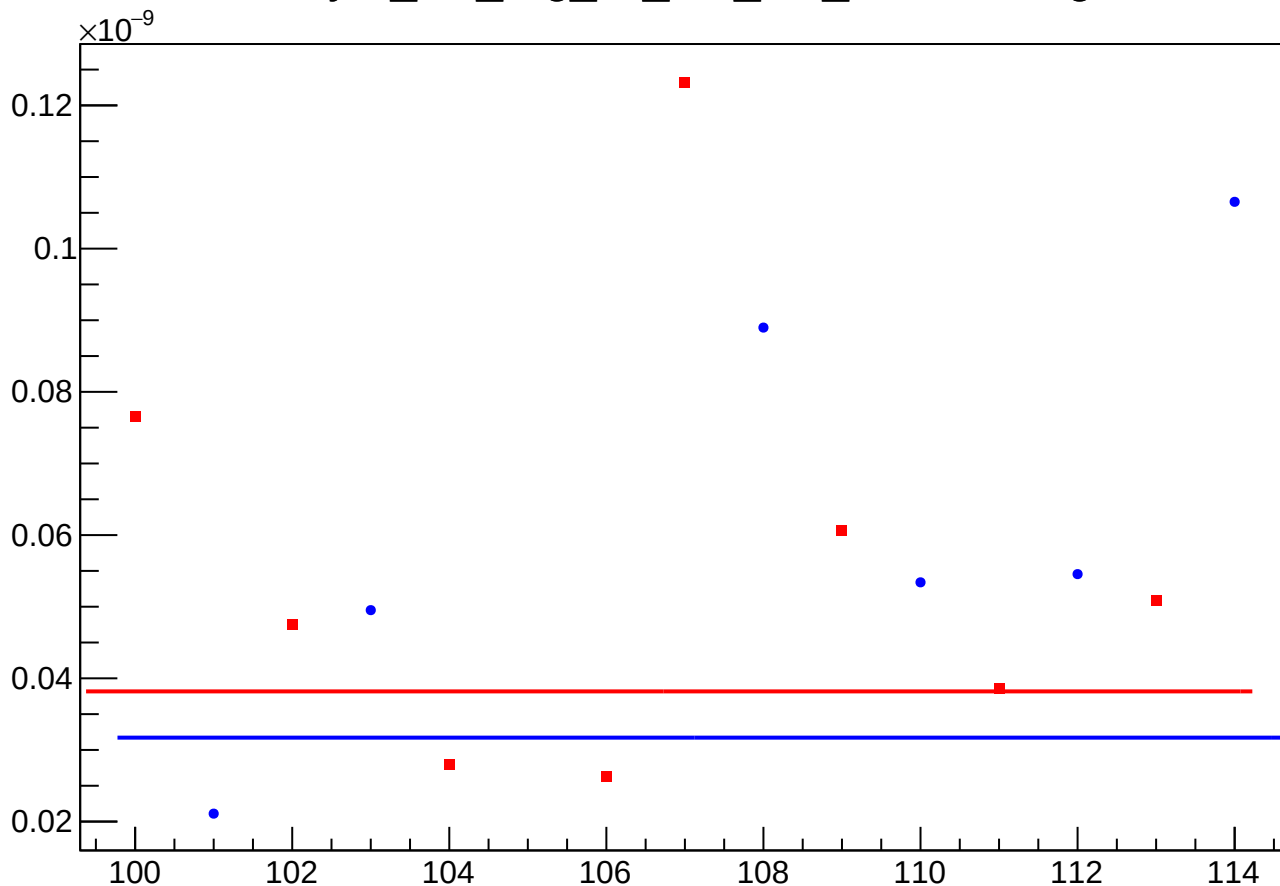
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/13

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

asym_usl_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 878635.6/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 501153.8/7

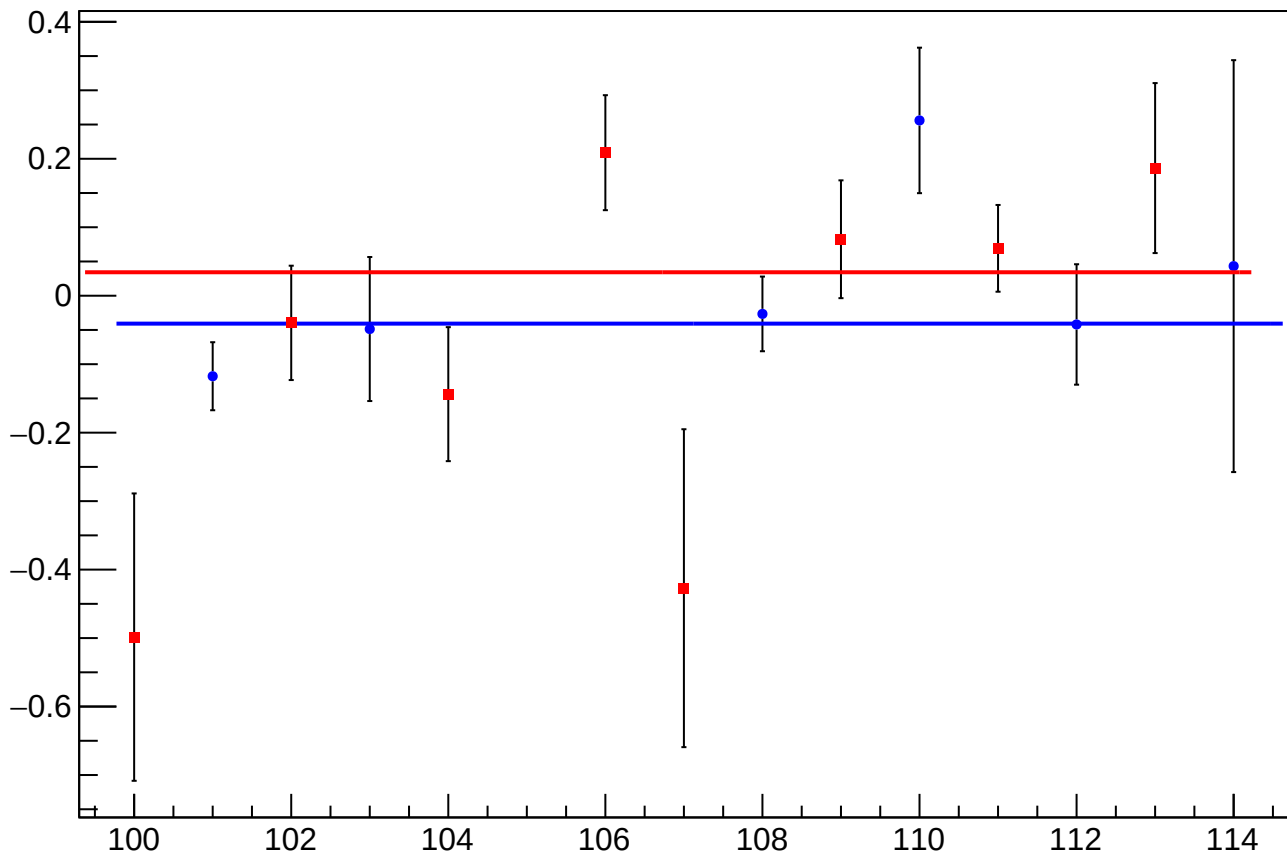
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1435967.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.041 ± 0.031 χ^2/NDF : 10.3/5

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

Right Out: 0.034 ± 0.034 χ^2/NDF : 20.9/7

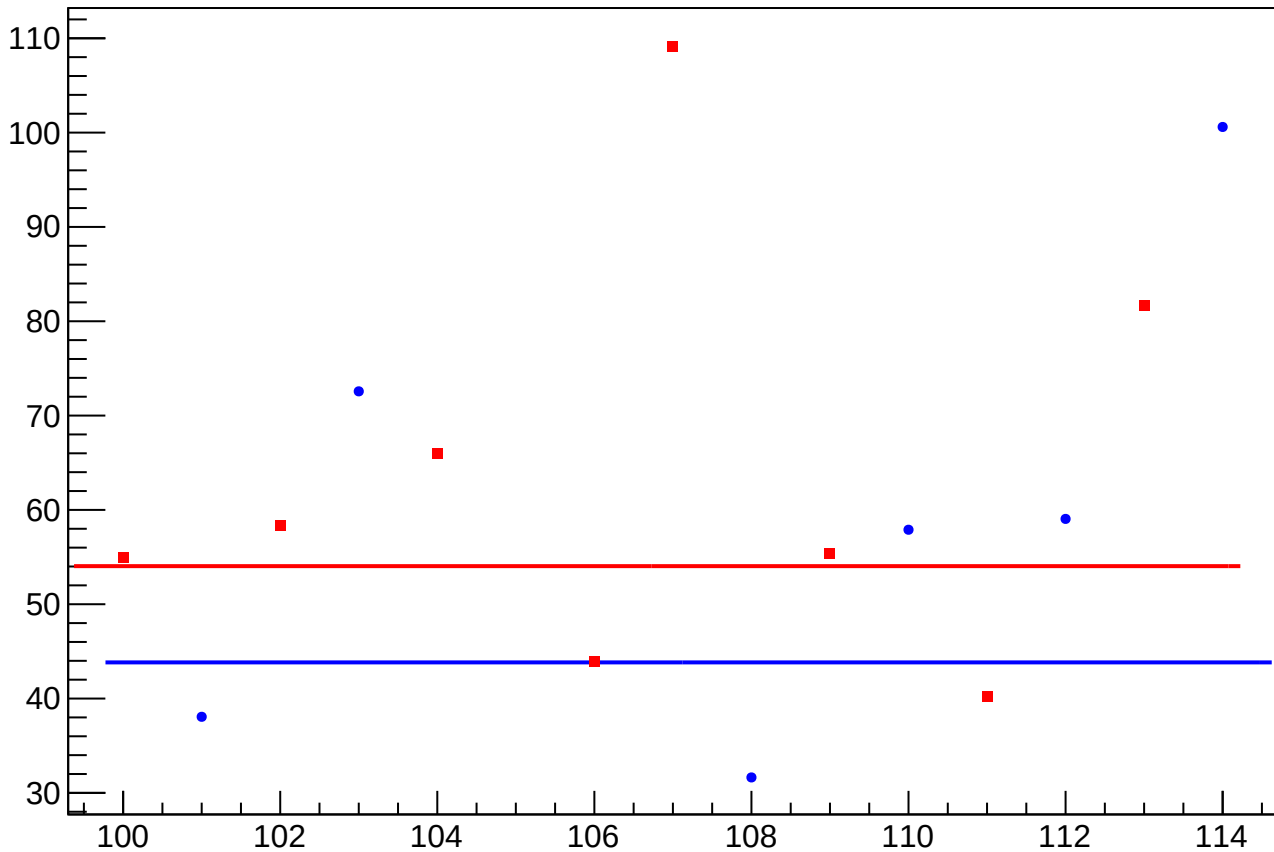
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.023 χ^2/NDF : 34.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 43.833+/-0.022 χ^2/NDF : 442402.4/5

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

Right Out: 54.038+/-0.024 χ^2/NDF : 372356.3/7

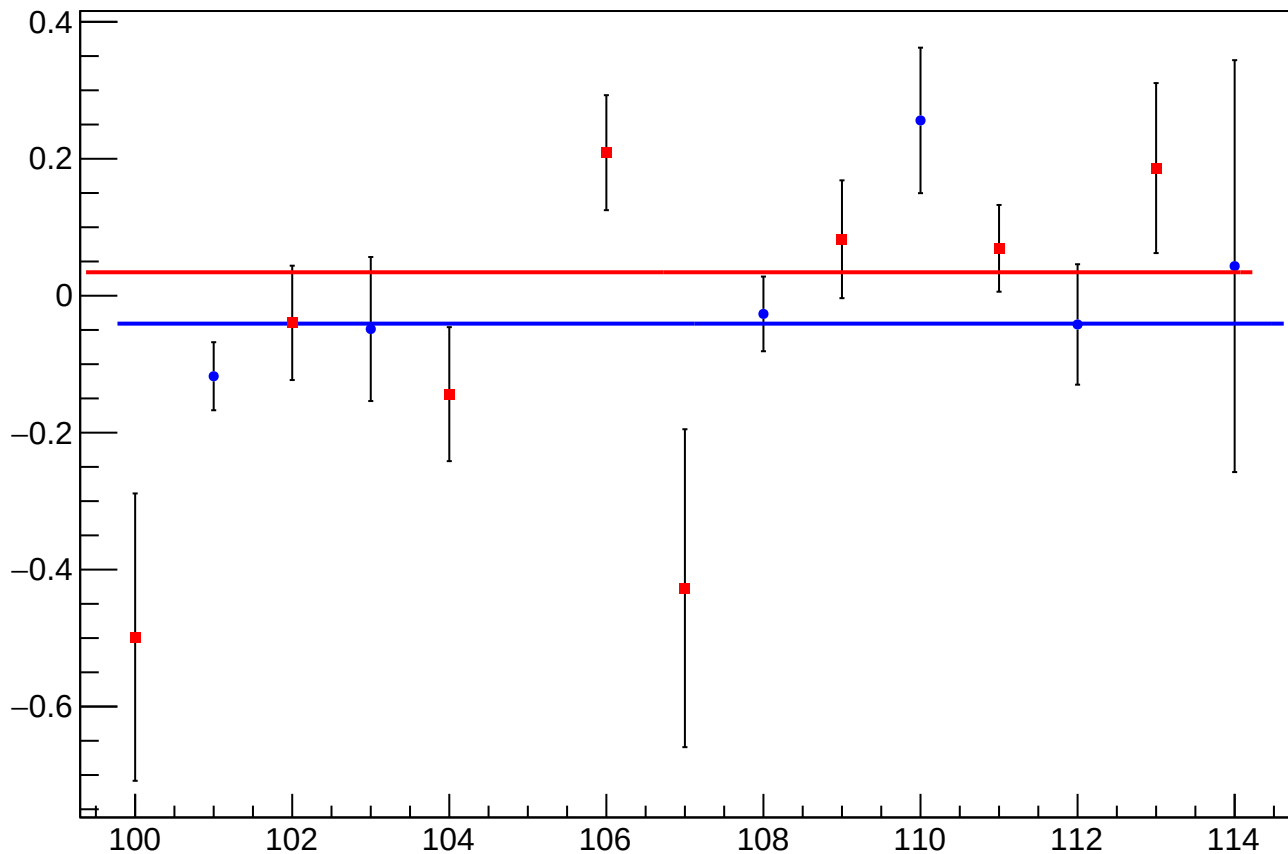
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.461+/-0.016 χ^2/NDF : 914952.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.041 $\pm$ 0.031 χ^2 /NDF: 10.3/5

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

Right Out: 0.034 $\pm$ 0.034 χ^2 /NDF: 20.9/7

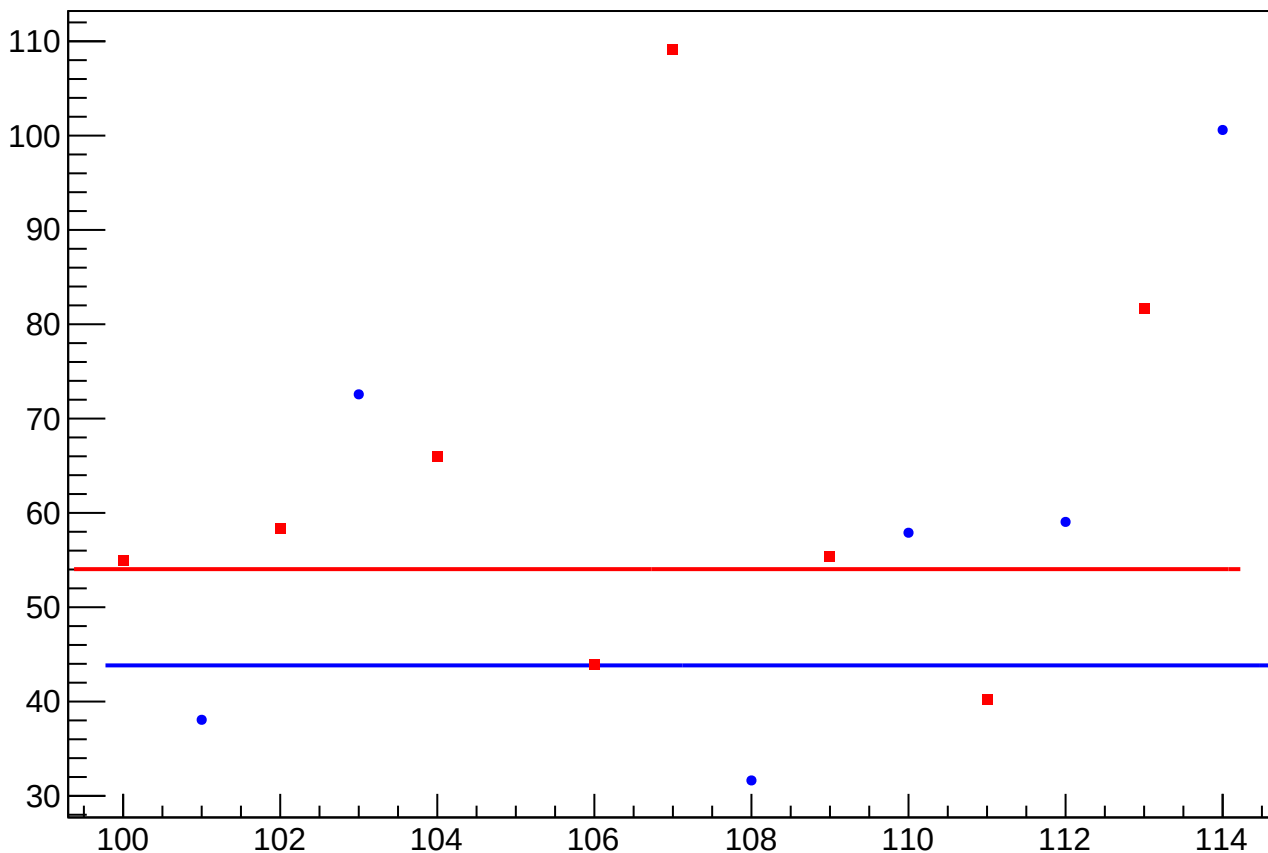
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.007 $\pm$ 0.023 χ^2 /NDF: 34.0/13

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

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 43.833+/-0.022 χ^2/NDF : 442402.4/5

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

Right Out: 54.038+/-0.024 χ^2/NDF : 372356.3/7

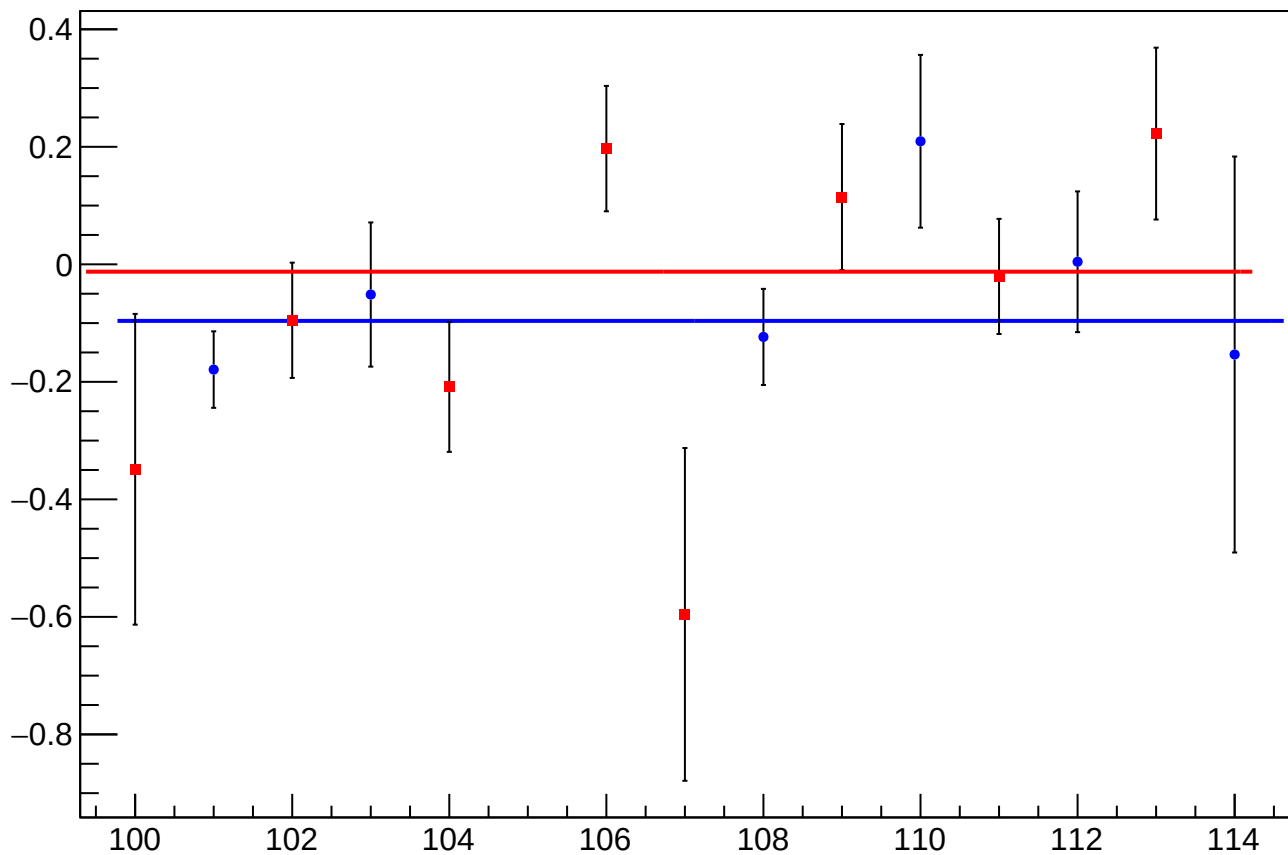
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.461+/-0.016 χ^2/NDF : 914952.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.096 ± 0.042 χ^2/NDF : 6.9/5

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

Right Out: -0.013 ± 0.044 χ^2/NDF : 17.2/7

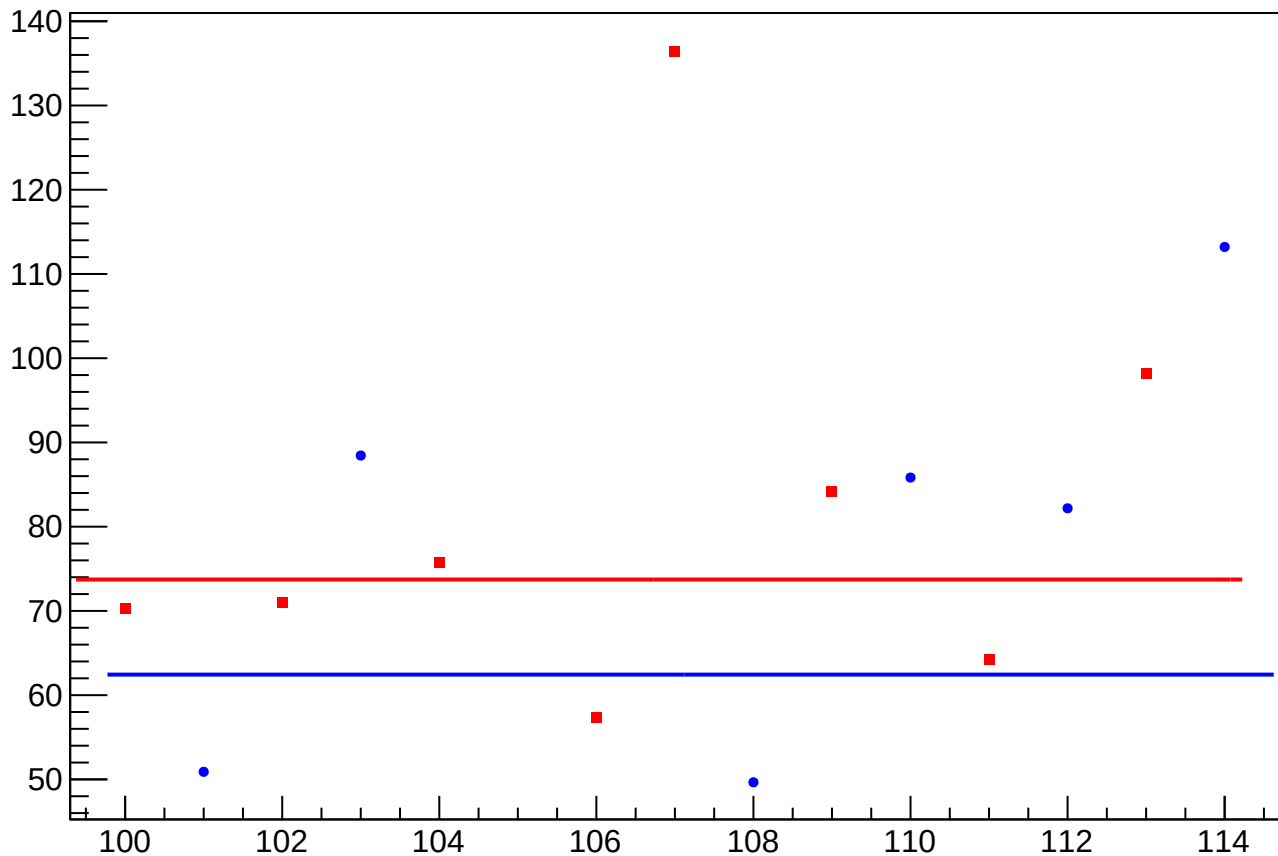
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.057 ± 0.030 χ^2/NDF : 26.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 62.440+/-0.029 χ^2/NDF : 351899.1/5

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

Right Out: 73.729+/-0.031 χ^2/NDF : 236616.3/7

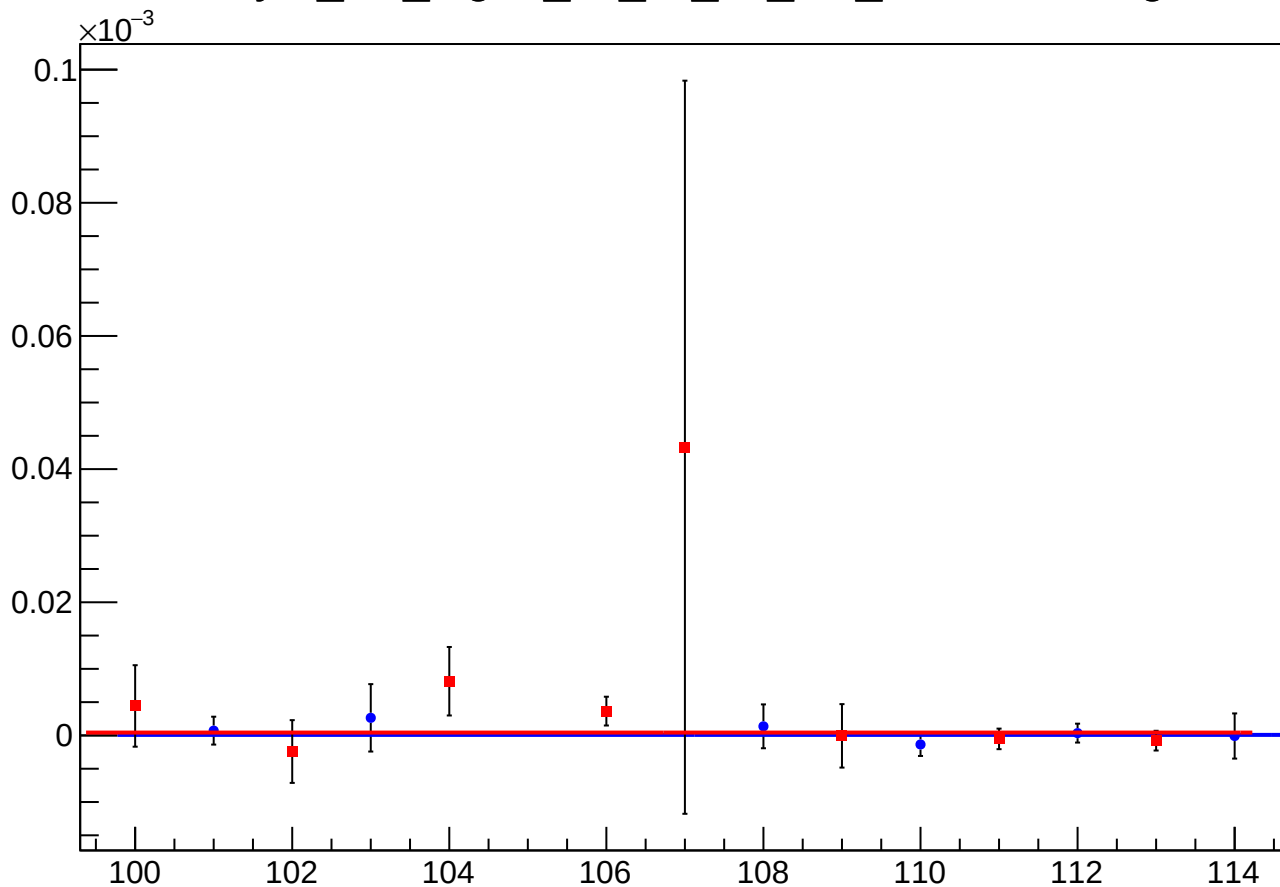
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.773+/-0.021 χ^2/NDF : 657921.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/7

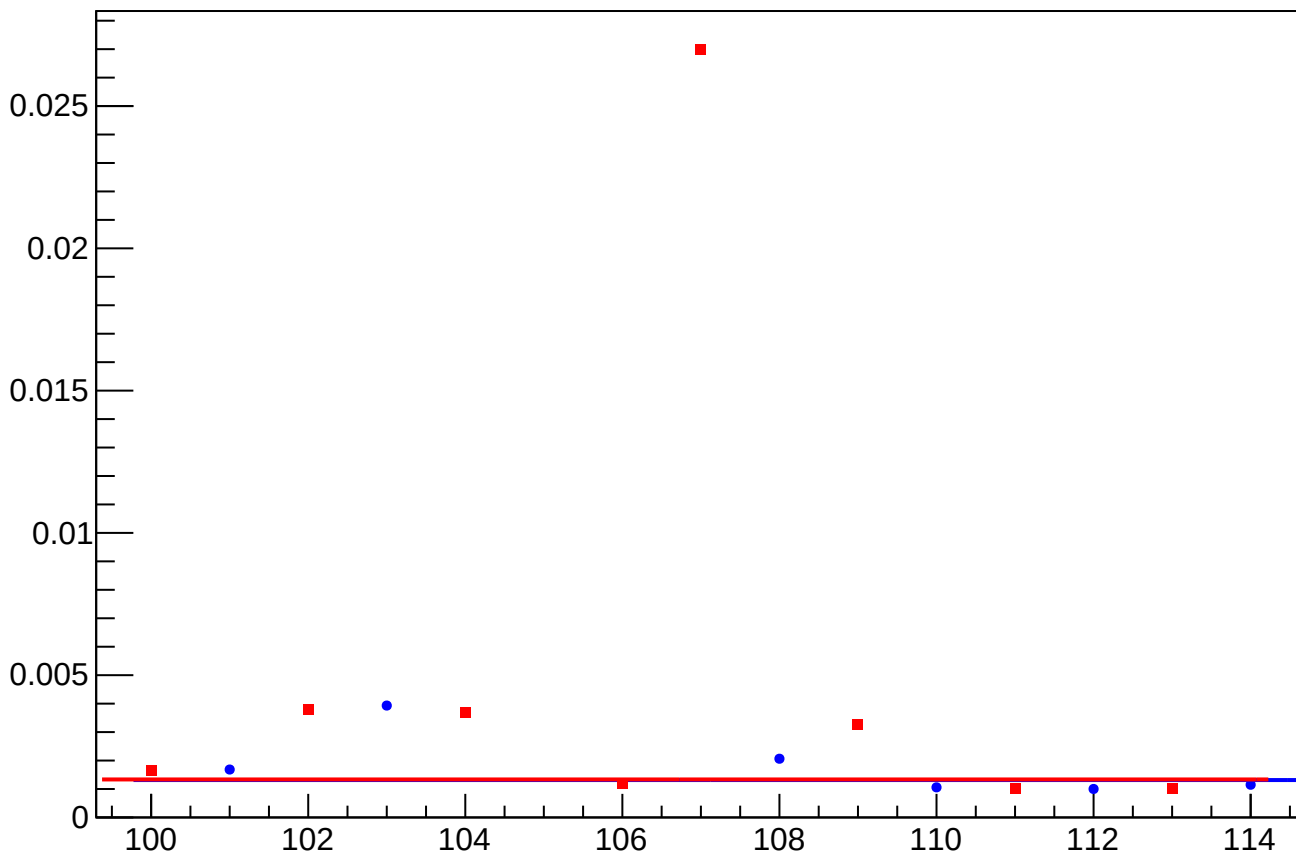
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/13

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

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 846536.6/5

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

Right Out: 0.001+/-0.000 χ^2/NDF : 1906975.6/7

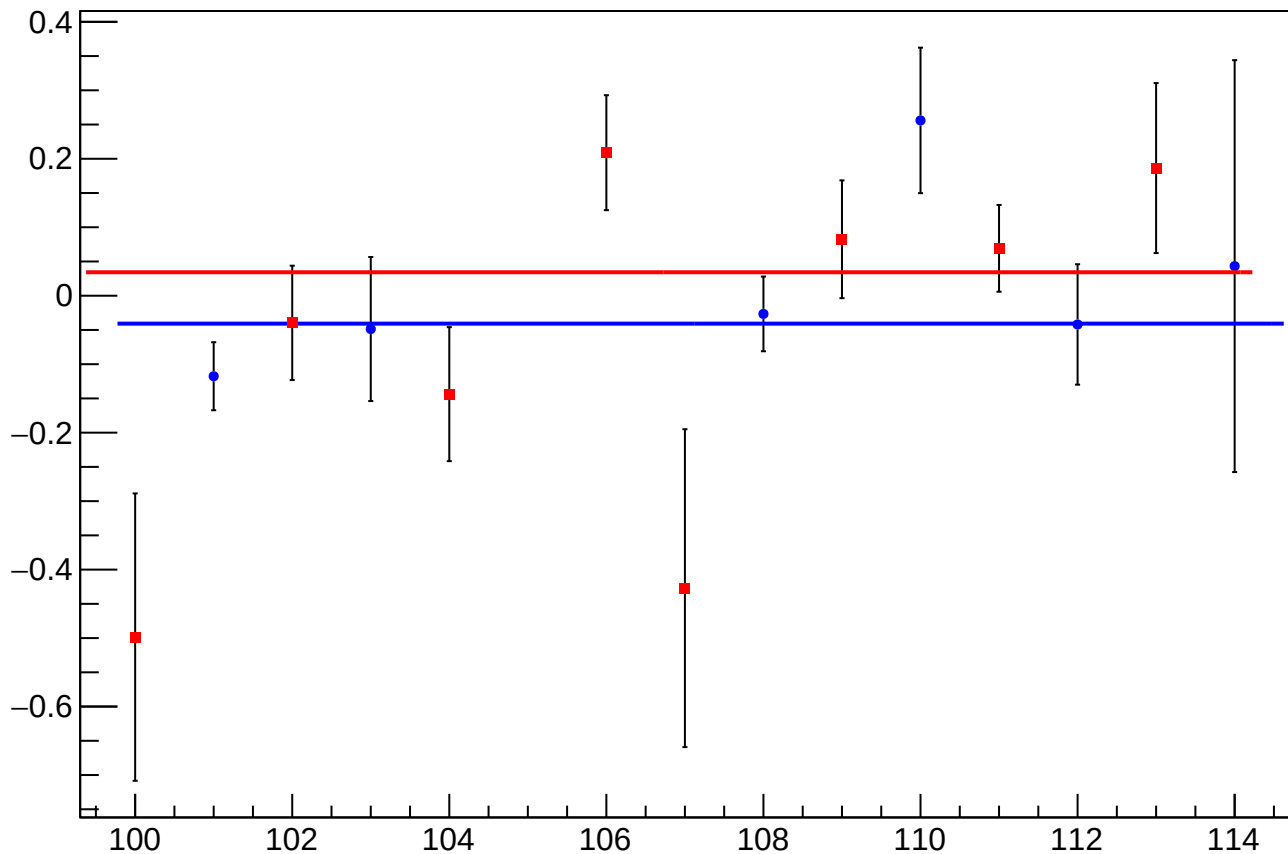
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2754077.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.041 ± 0.031 χ^2/NDF : 10.3/5

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

Right Out: 0.034 ± 0.034 χ^2/NDF : 20.9/7

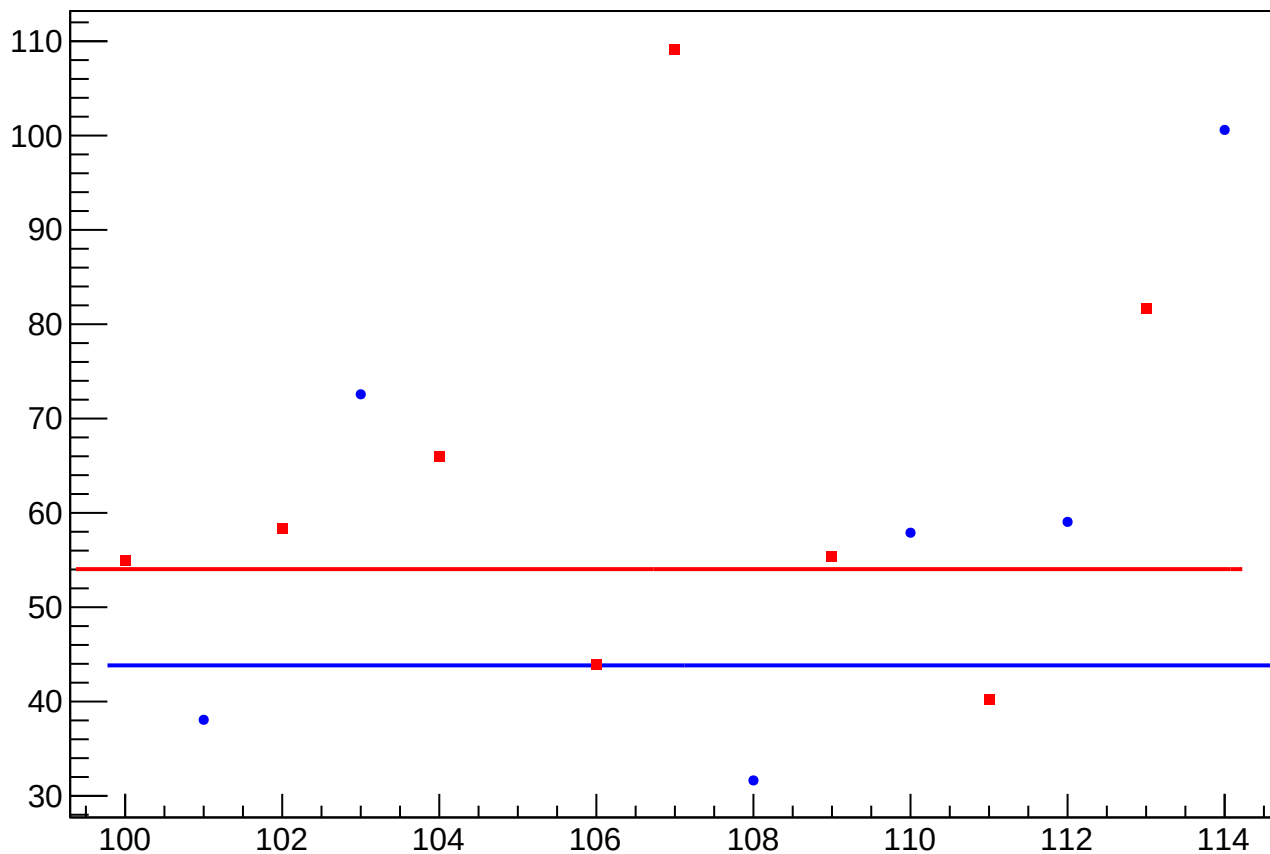
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.023 χ^2/NDF : 34.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 43.833+/-0.022 χ^2/NDF : 442398.1/5

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

Right Out: 54.038+/-0.024 χ^2/NDF : 372339.2/7

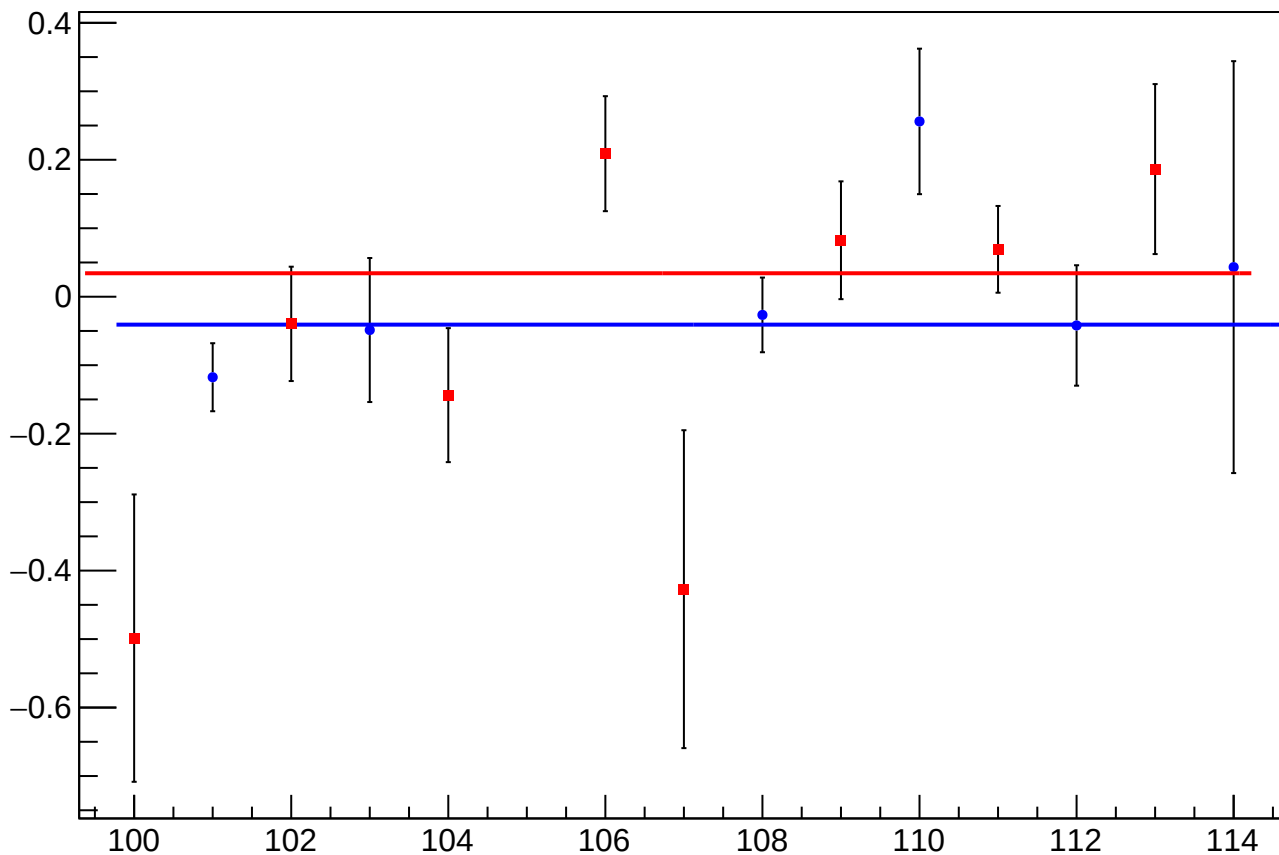
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.461+/-0.016 χ^2/NDF : 914929.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.041 $\pm$ 0.031 χ^2 /NDF: 10.3/5

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

Right Out: 0.034 $\pm$ 0.034 χ^2 /NDF: 20.9/7

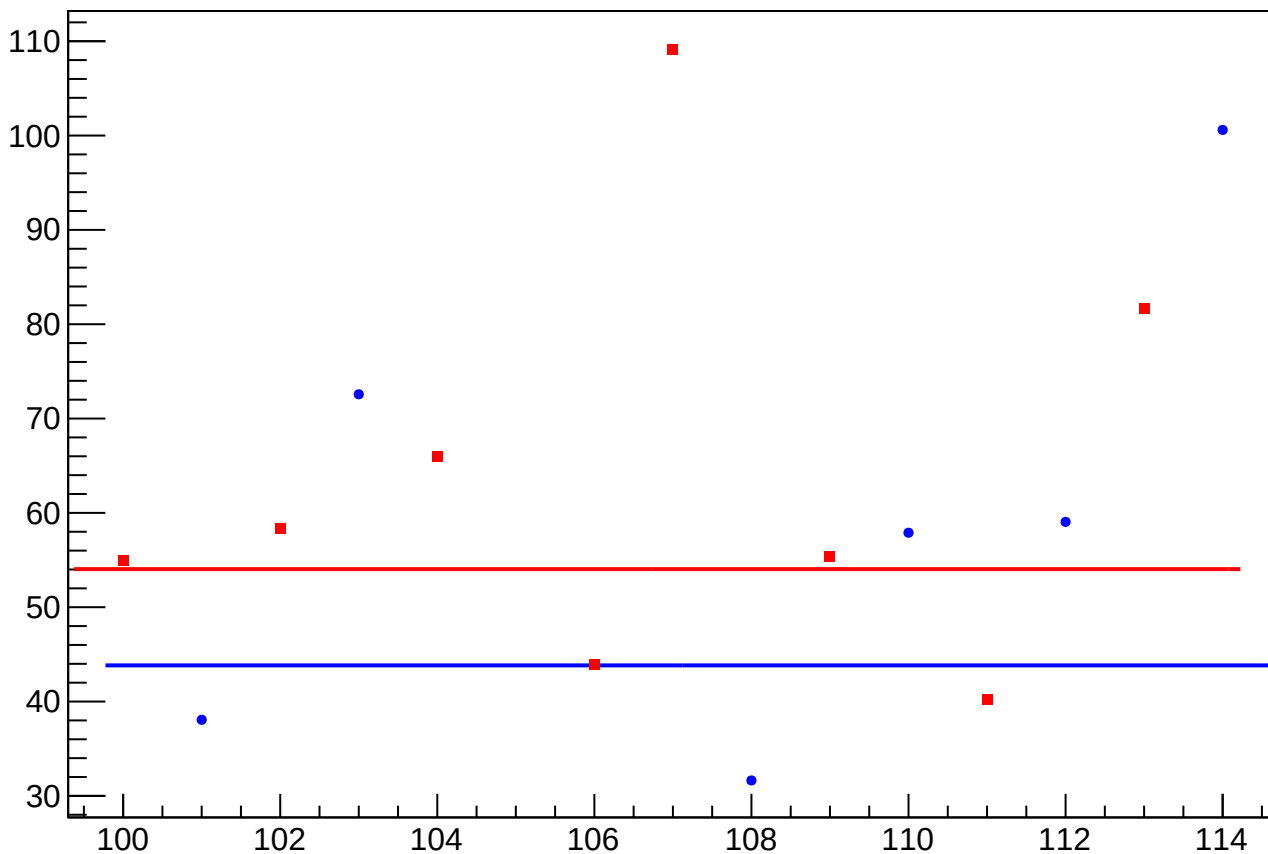
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.007 $\pm$ 0.023 χ^2 /NDF: 34.0/13

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

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 43.833+/-0.022 χ^2/NDF : 442398.1/5

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

Right Out: 54.038+/-0.024 χ^2/NDF : 372339.2/7

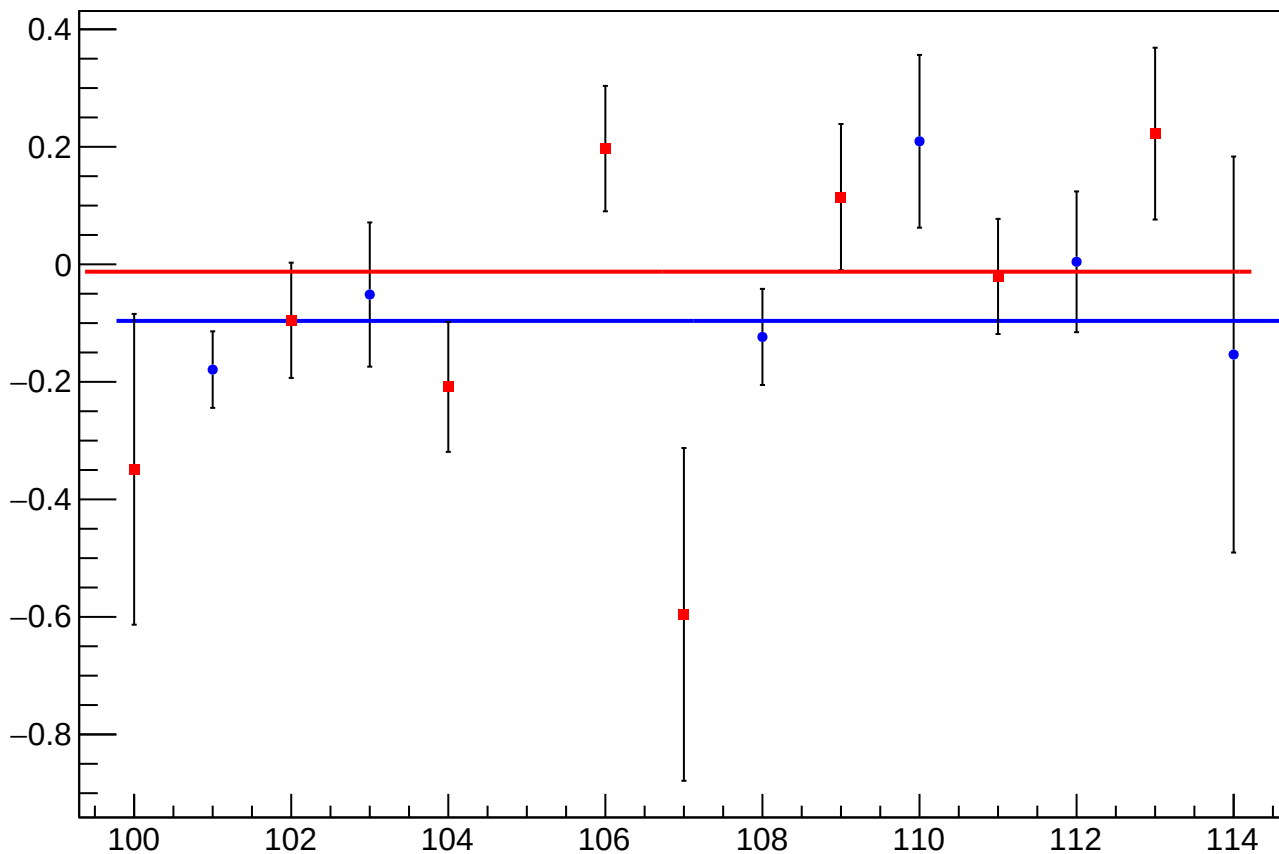
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.461+/-0.016 χ^2/NDF : 914929.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.096+/-0.042 χ^2/NDF : 6.9/5

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

Right Out: -0.013+/-0.044 χ^2/NDF : 17.2/7

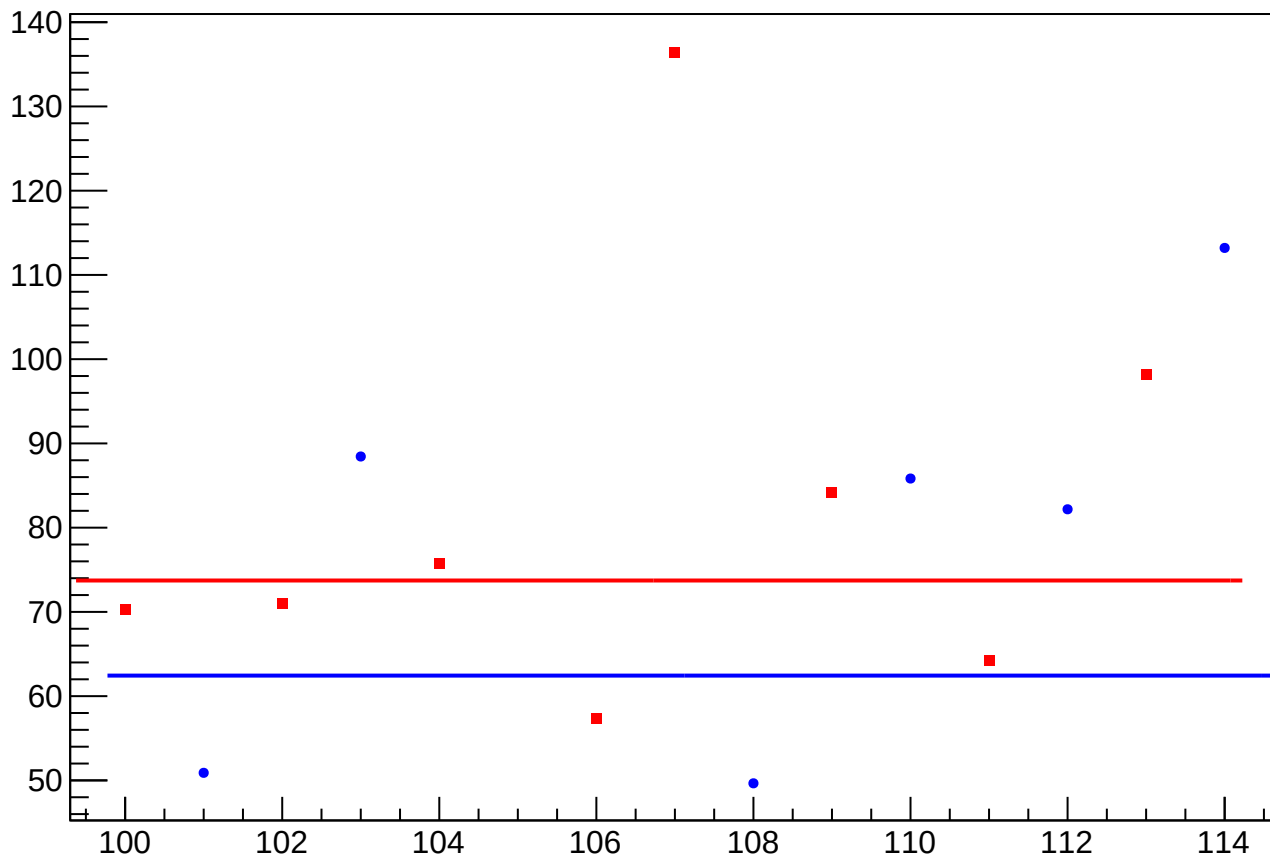
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.057+/-0.030 χ^2/NDF : 26.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 62.440 $\pm$ 0.029 χ^2 /NDF: 351900.8/5

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

Right Out: 73.728 $\pm$ 0.031 χ^2 /NDF: 236601.6/7

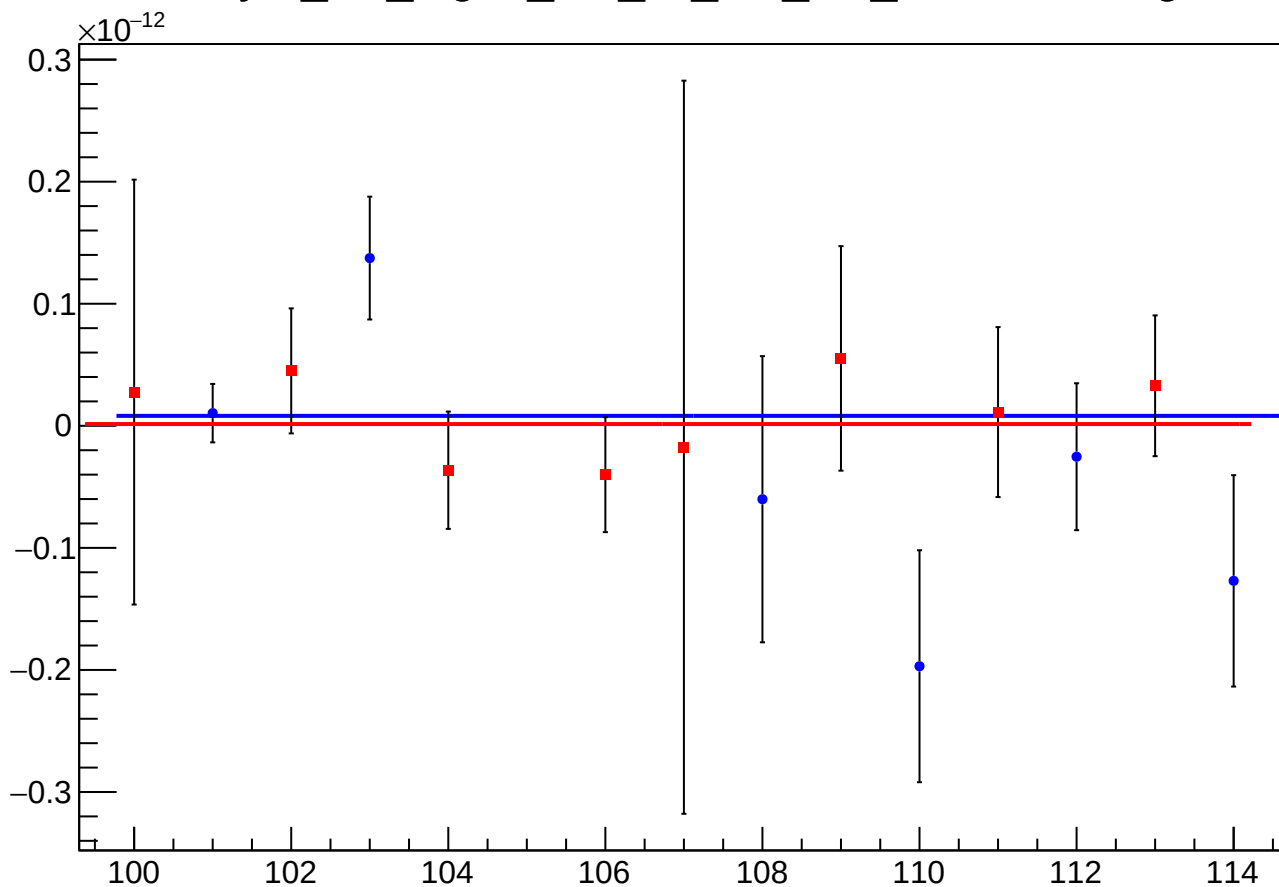
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 67.772 $\pm$ 0.021 χ^2 /NDF: 657907.3/13

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

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 14.4/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2.8/7

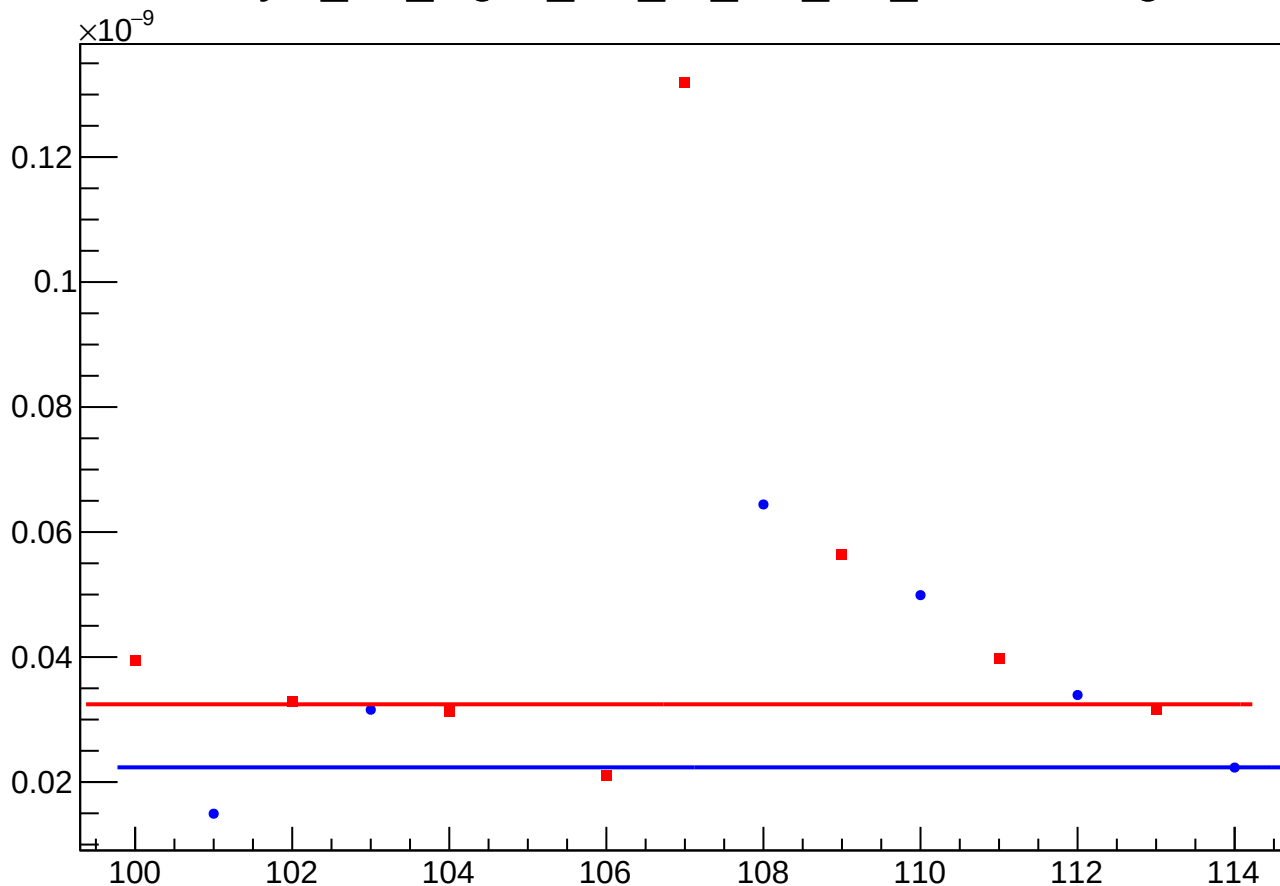
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 17.2/13

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

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 758643.8/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 497213.0/7

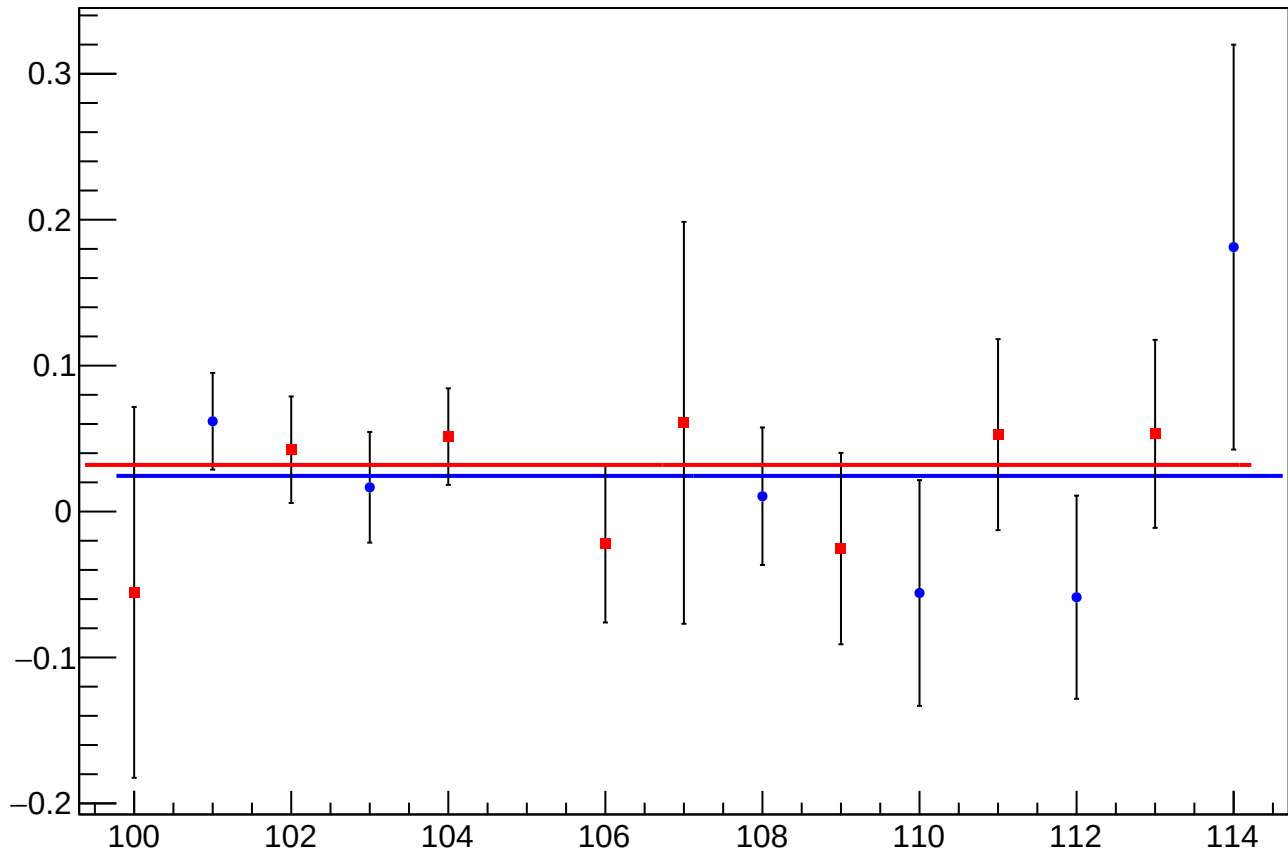
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1486288.7/13

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

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.020 χ^2 /NDF: 5.2/5

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

Right Out: 0.032 $\pm$ 0.019 χ^2 /NDF: 2.9/7

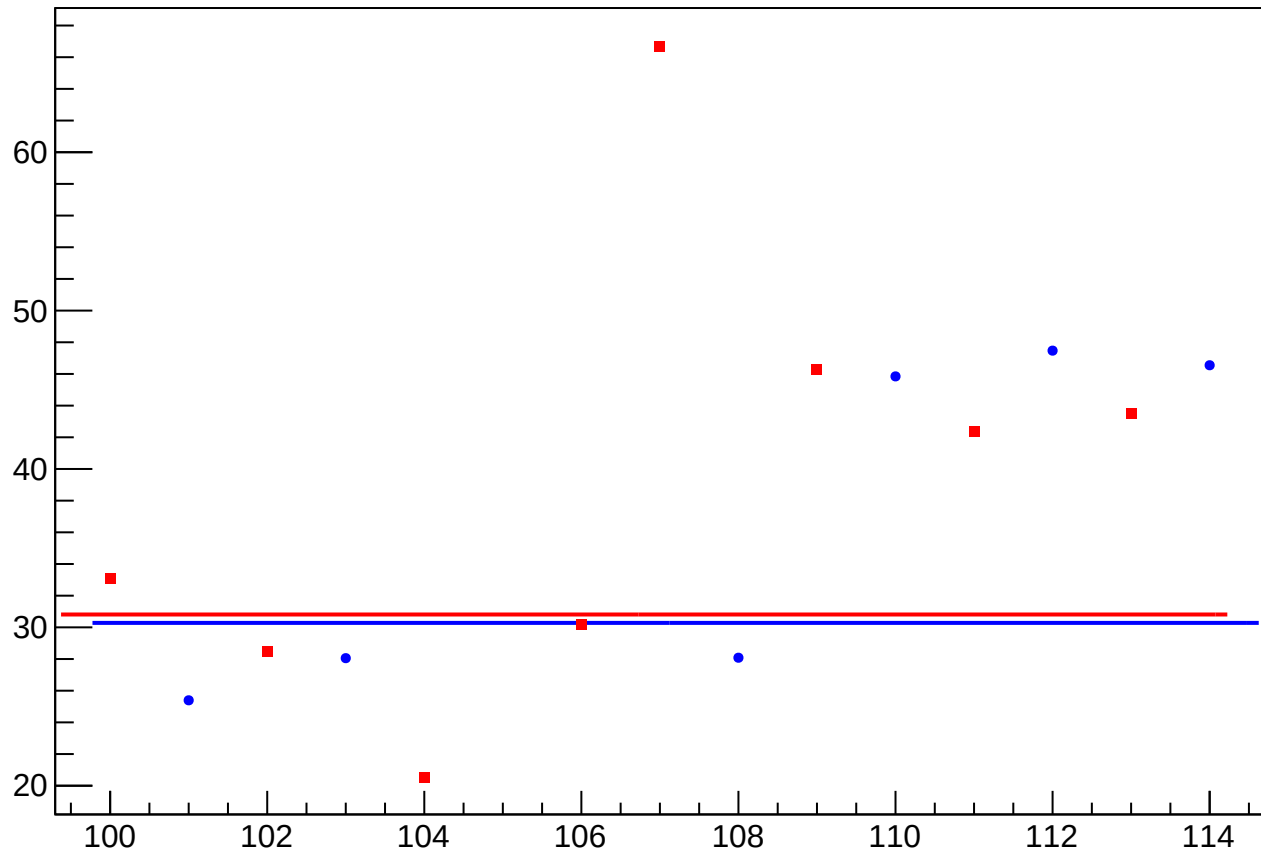
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.028 $\pm$ 0.014 χ^2 /NDF: 8.2/13

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

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 30.281+/-0.014 χ^2/NDF : 285178.7/5

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

Right Out: 30.811+/-0.013 χ^2/NDF : 589692.1/7

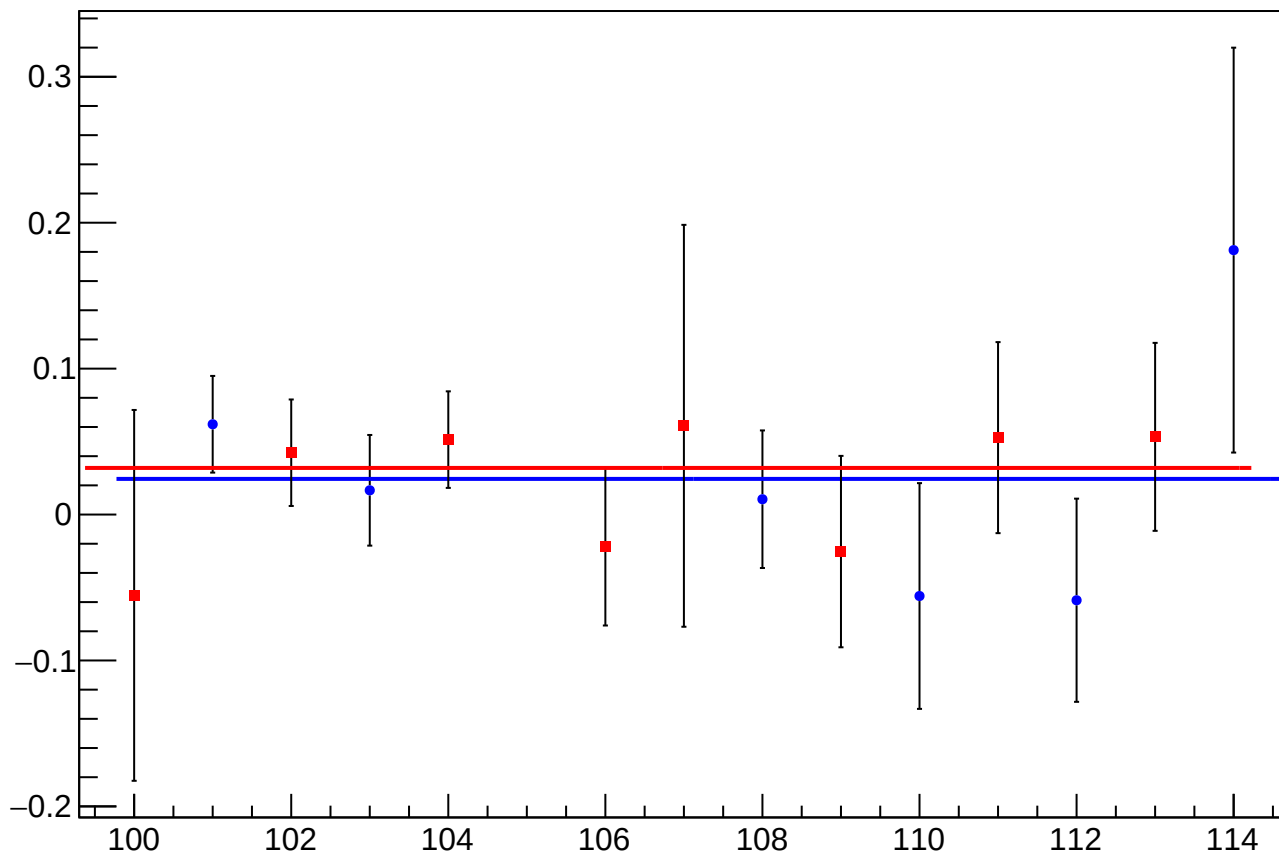
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.564+/-0.010 χ^2/NDF : 875613.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.020 χ^2 /NDF: 5.2/5

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

Right Out: 0.032 $\pm$ 0.019 χ^2 /NDF: 2.9/7

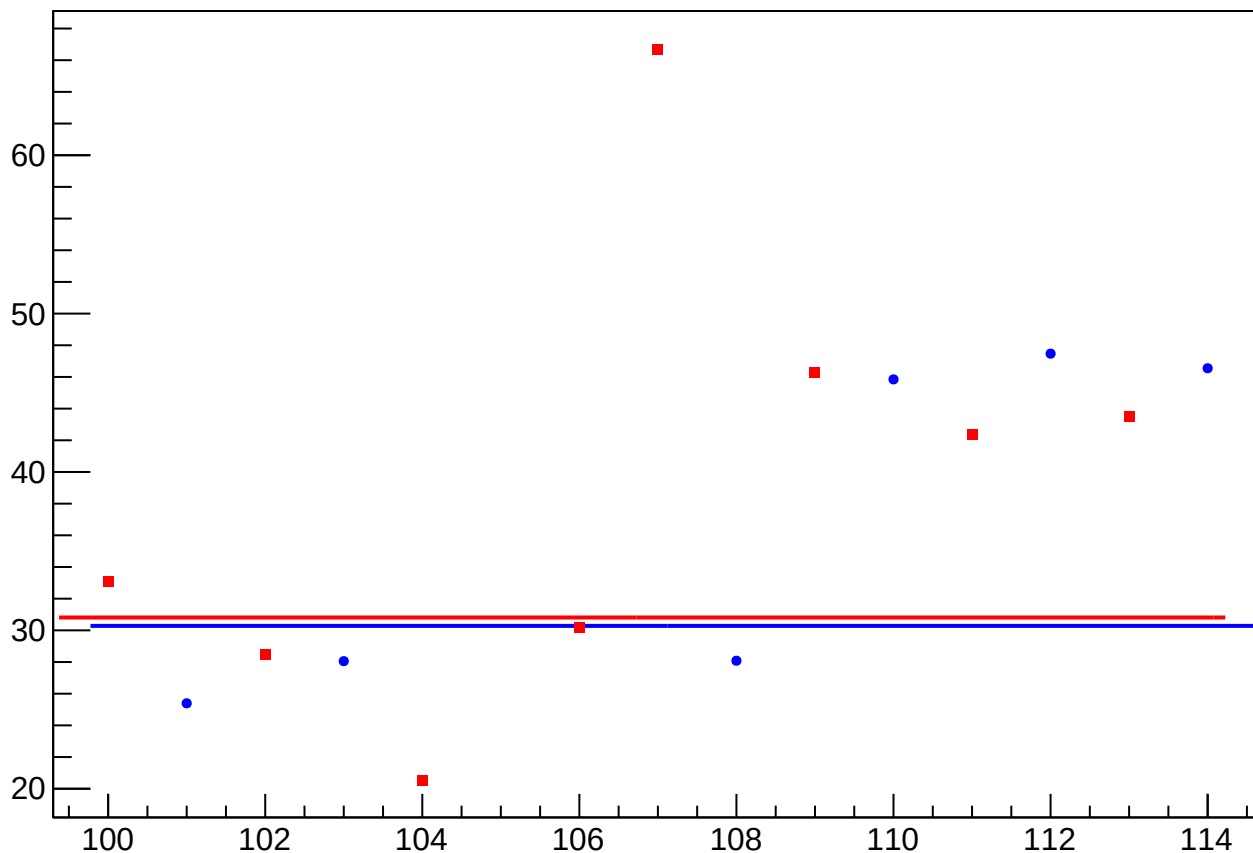
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.028 $\pm$ 0.014 χ^2 /NDF: 8.2/13

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

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 30.281+/-0.014 χ^2/NDF : 285178.7/5

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

Right Out: 30.811+/-0.013 χ^2/NDF : 589692.1/7

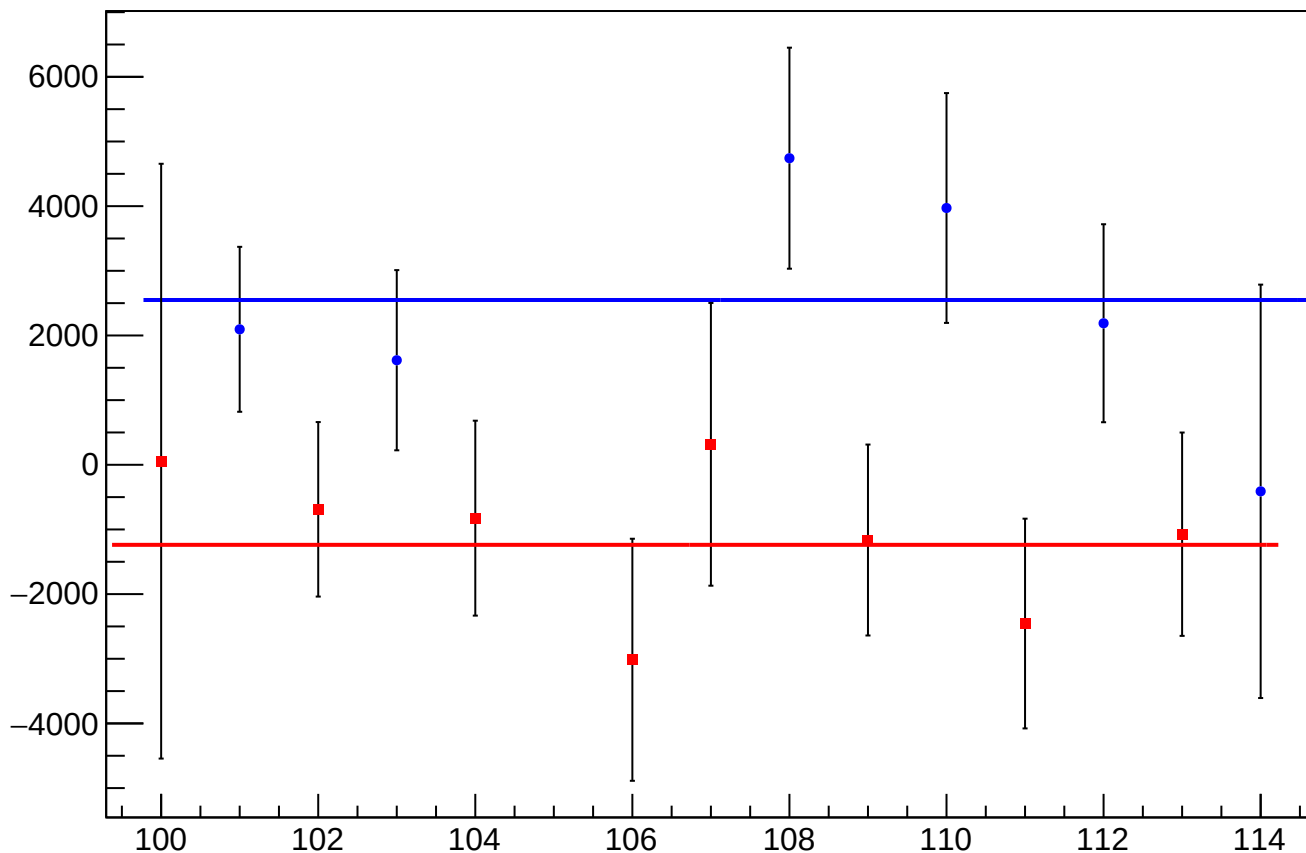
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.564+/-0.010 χ^2/NDF : 875613.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2548.698+/-657.542 χ^2 /NDF: 3.8/5

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

Right Out: -1237.942+/-600.367 χ^2 /NDF: 2.3/7

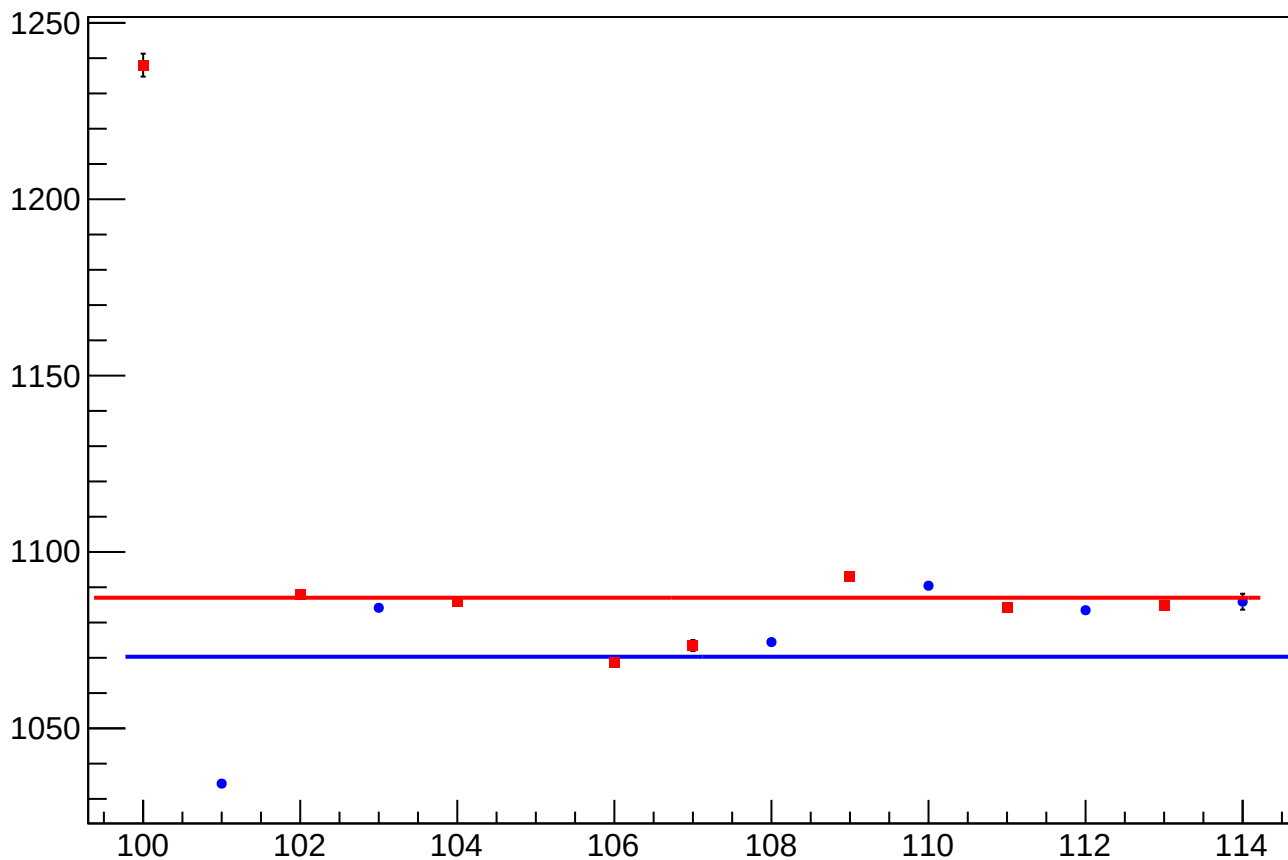
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 483.621+/-443.361 χ^2 /NDF: 24.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_rms vs Slug



Right In: 1070.298 $\pm$ 0.465 χ^2 /NDF: 2253.5/5

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

Right Out: 1087.033 $\pm$ 0.425 χ^2 /NDF: 2471.6/7

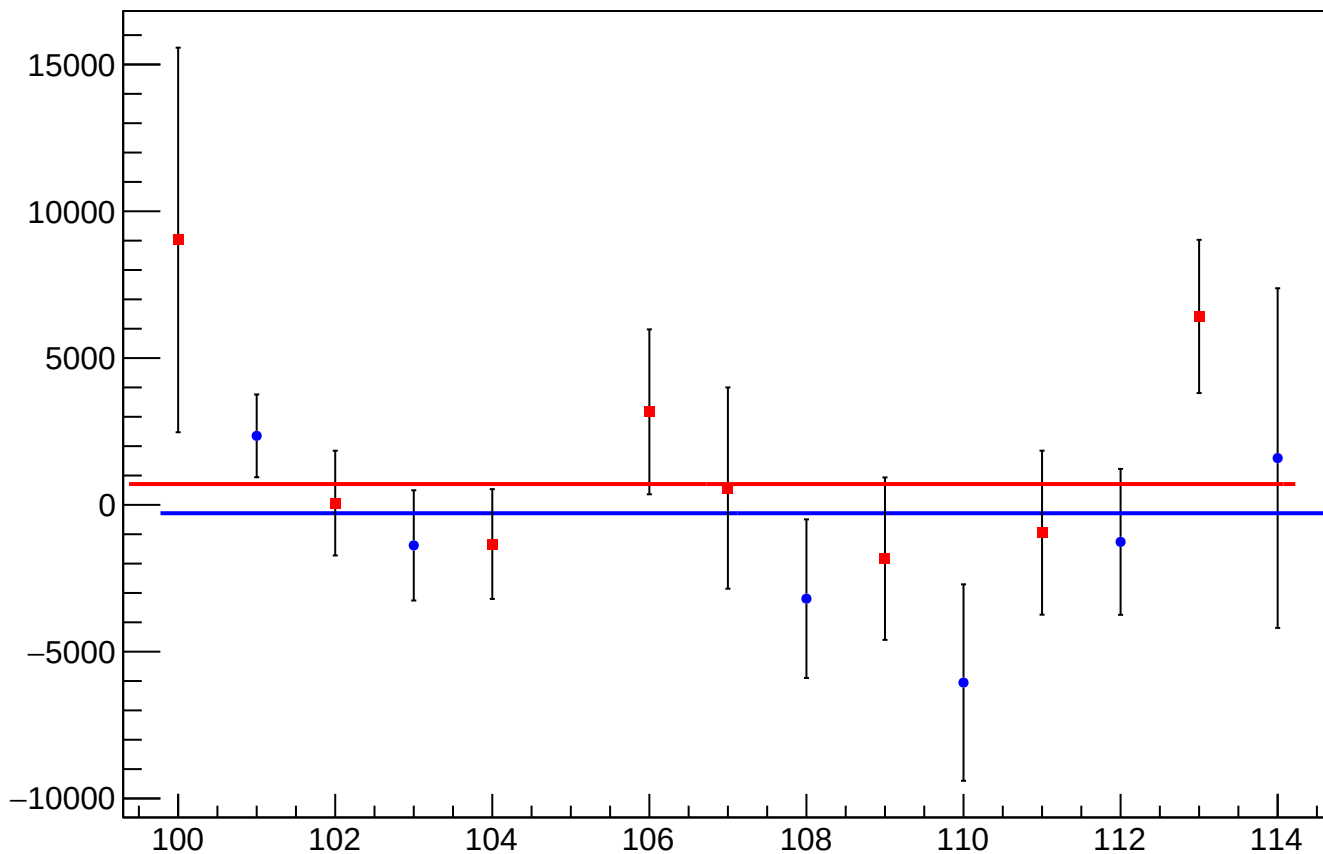
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

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

asym_usr_reg_correction_mean vs Slug



Right In: -284.773+/-910.901 χ^2/NDF : 8.2/5

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

Right Out: 708.997+/-897.623 χ^2/NDF : 9.7/7

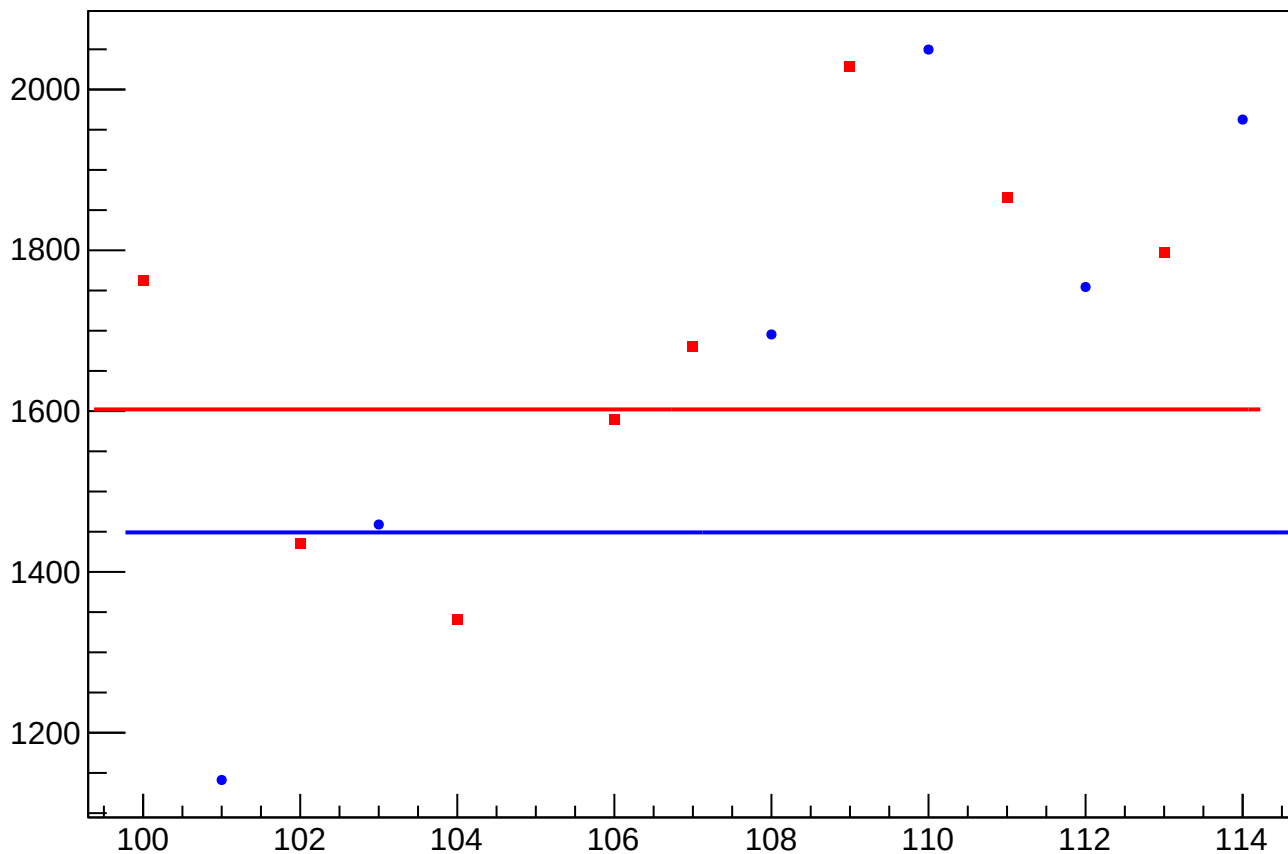
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.408+/-639.358 χ^2/NDF : 18.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_rms vs Slug



Right In: 1449.133+/-0.644 χ^2/NDF : 222480.4/5

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

Right Out: 1602.119+/-0.635 χ^2/NDF : 135021.1/7

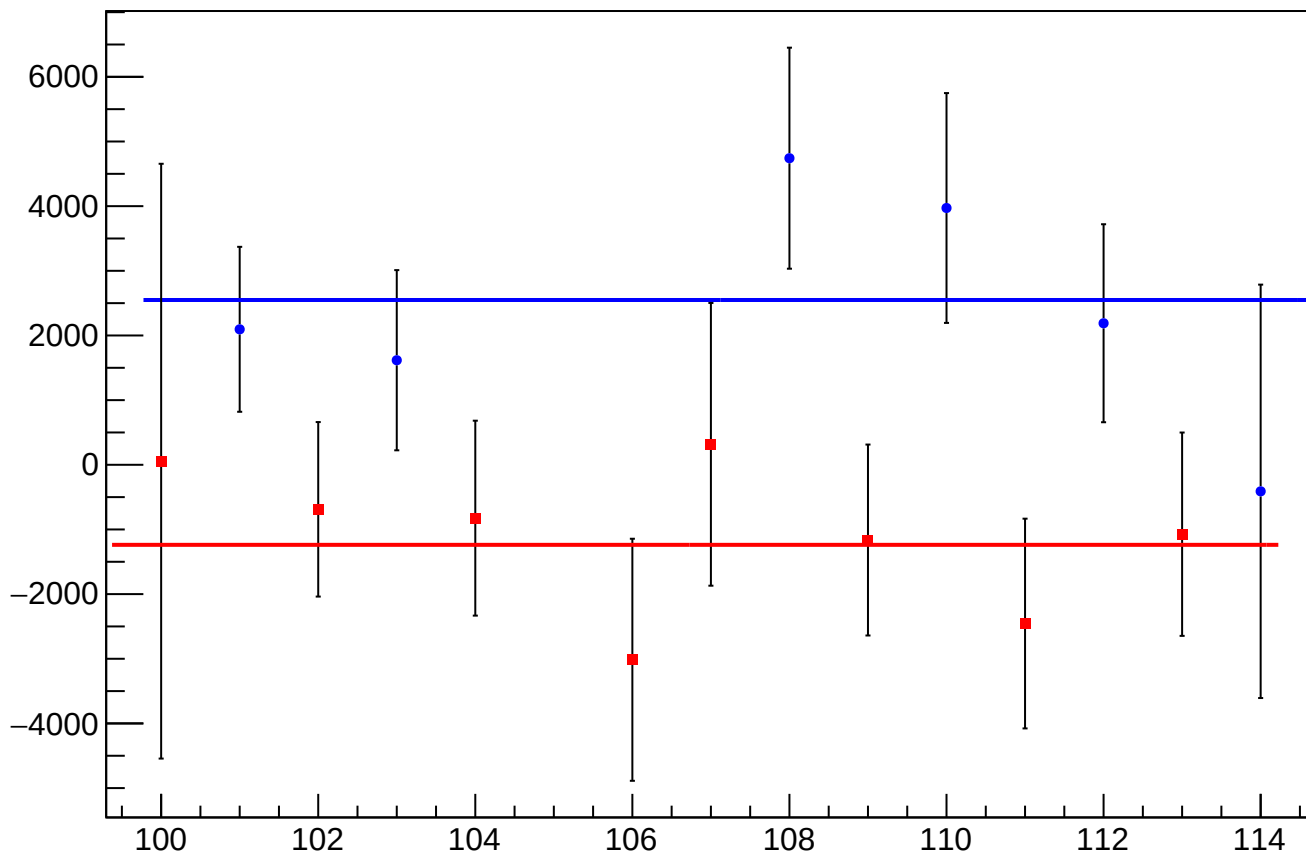
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



Right In: 2548.698 $\pm$ 657.542 χ^2 /NDF: 3.8/5

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

Right Out: -1237.942 $\pm$ 600.367 χ^2 /NDF: 2.3/7

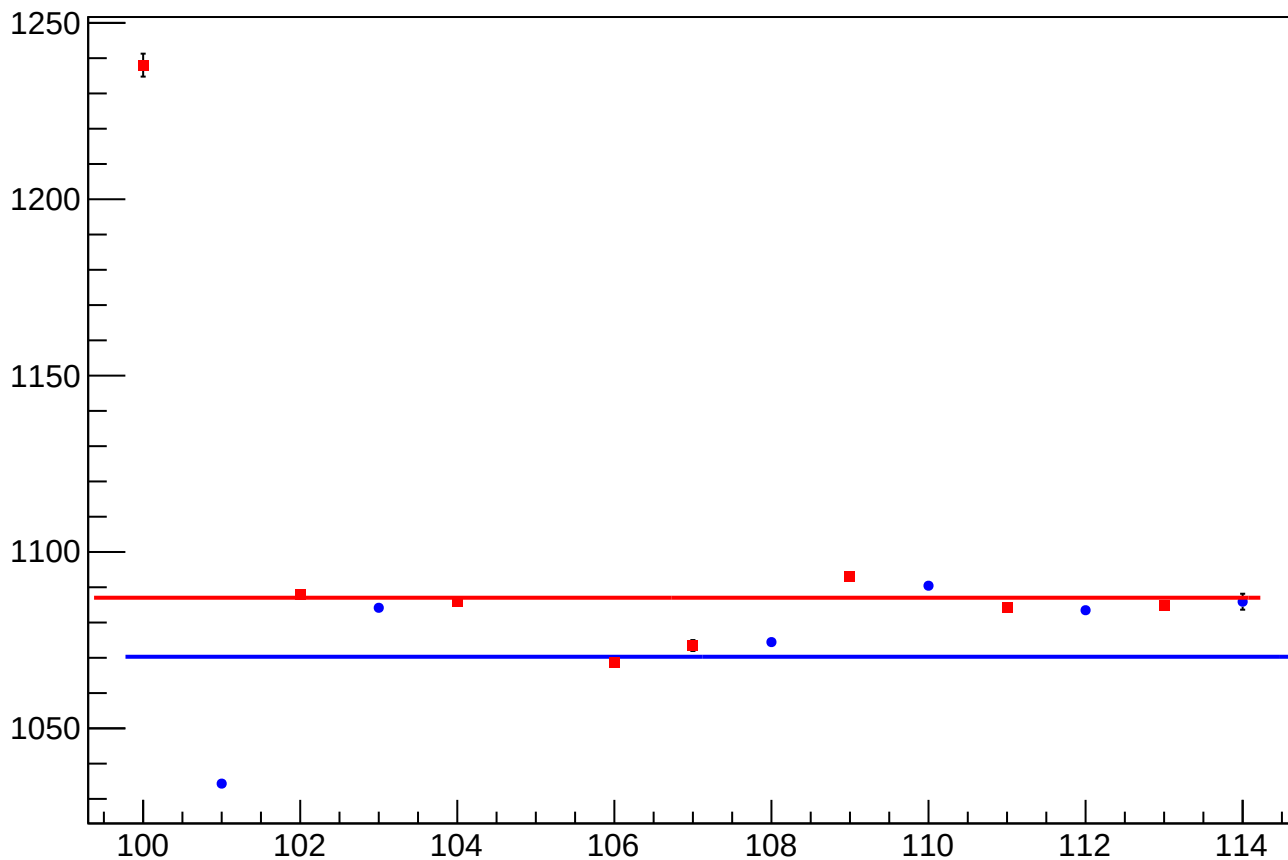
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 483.621 $\pm$ 443.361 χ^2 /NDF: 24.2/13

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

cor_asym_usr_rms vs Slug



Right In: 1070.298 $\pm$ 0.465 χ^2 /NDF: 2253.5/5

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

Right Out: 1087.033 $\pm$ 0.425 χ^2 /NDF: 2471.6/7

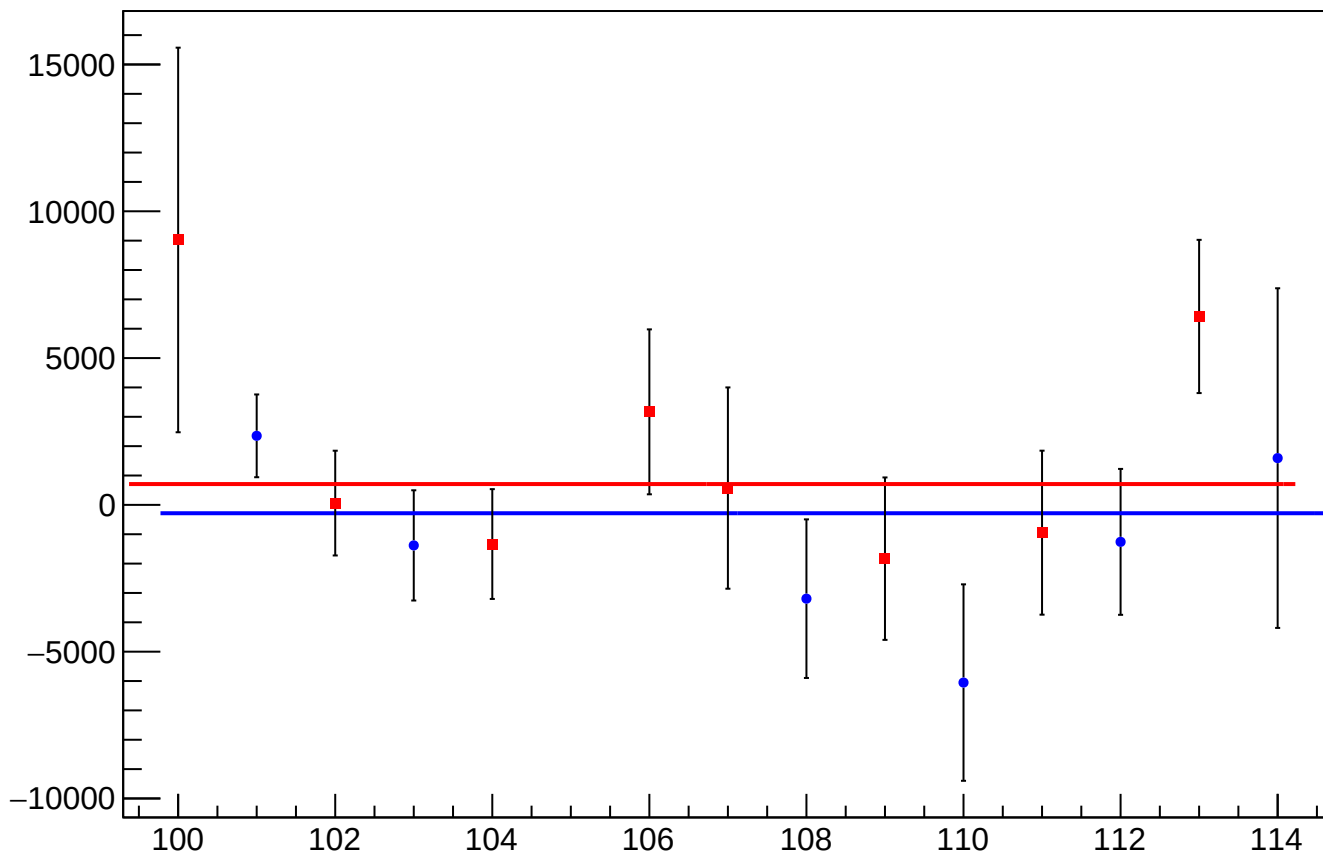
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

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

asym_usr_cor_correction_mean vs Slug



Right In: -284.773+/-910.901 χ^2/NDF : 8.2/5

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

Right Out: 708.997+/-897.623 χ^2/NDF : 9.7/7

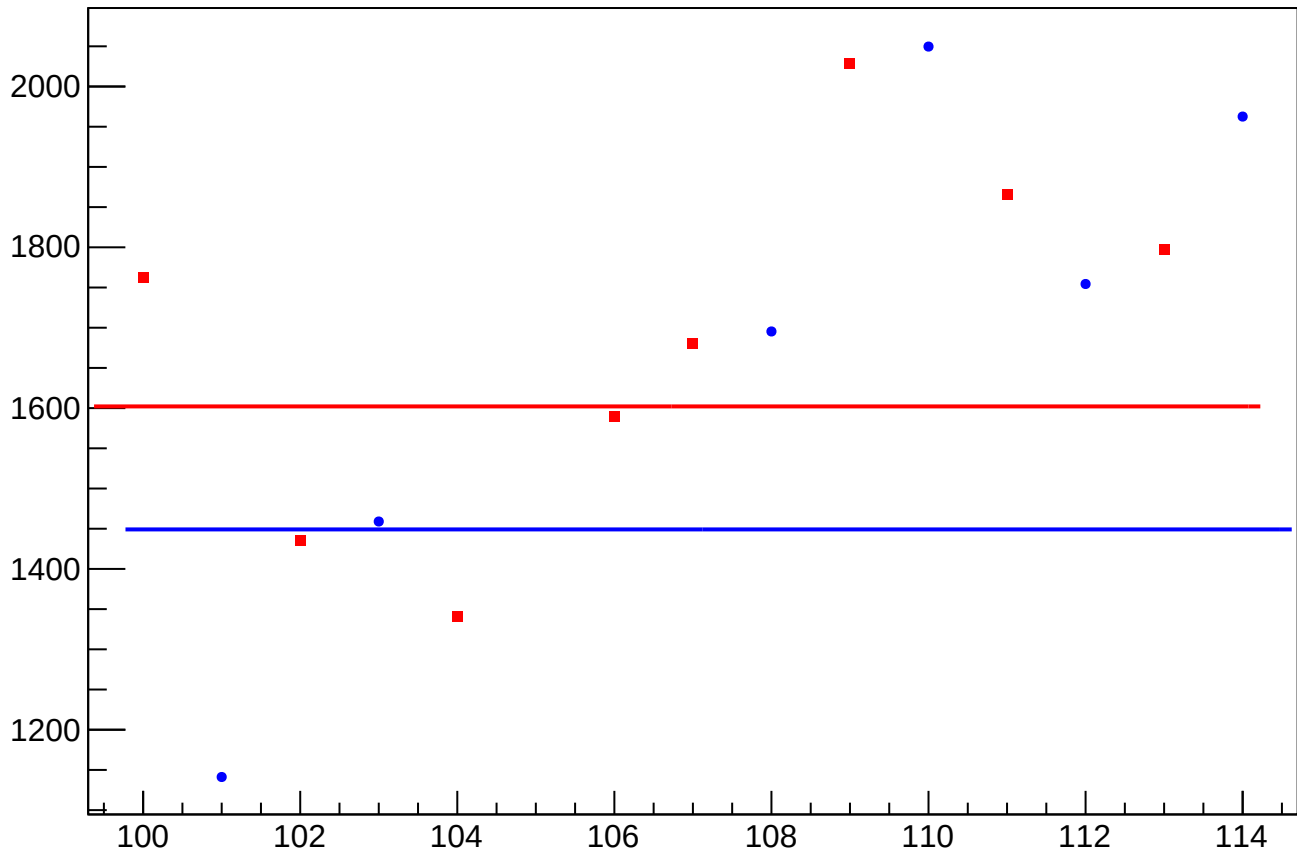
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.408+/-639.358 χ^2/NDF : 18.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_rms vs Slug



Right In: 1449.133+/-0.644 χ^2/NDF : 222480.4/5

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

Right Out: 1602.119+/-0.635 χ^2/NDF : 135021.1/7

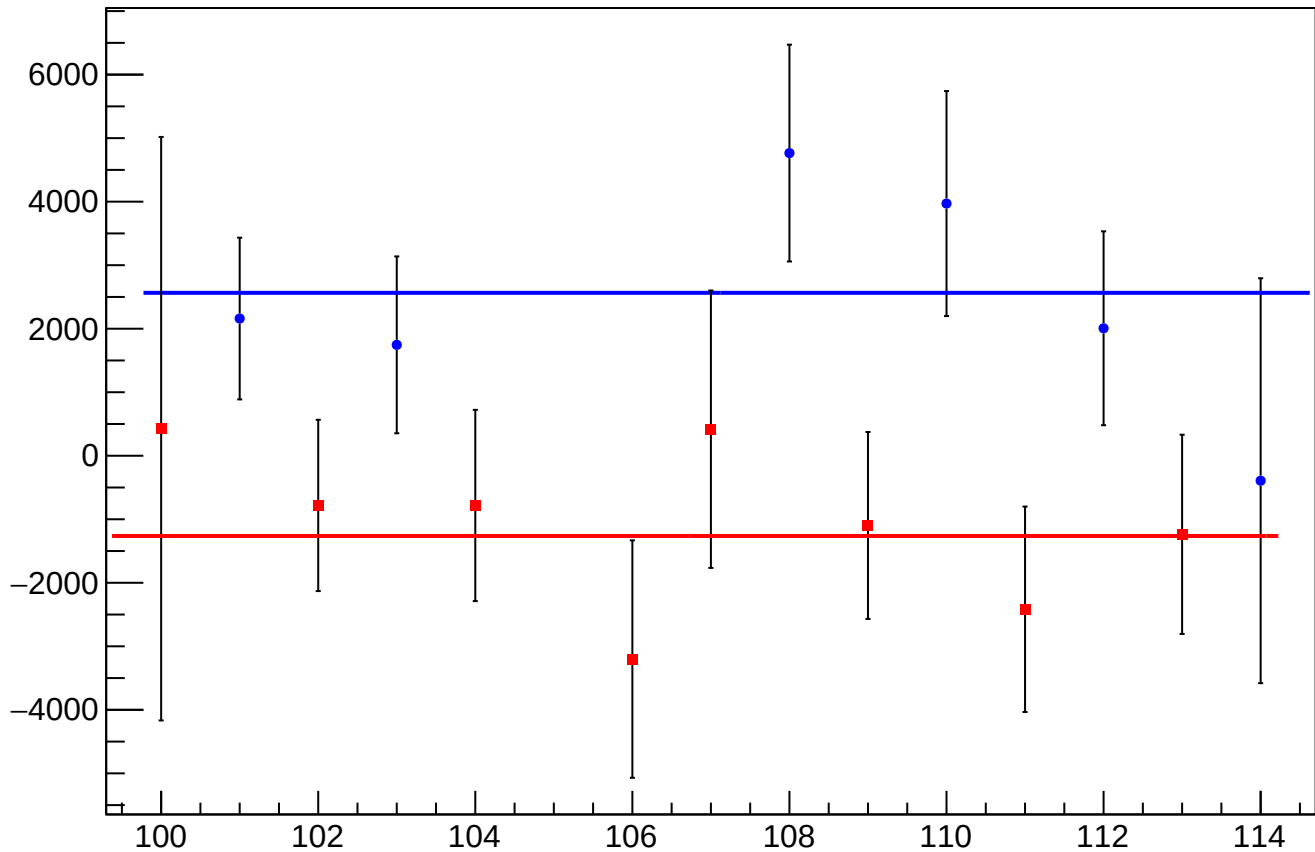
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usr_mean vs Slug



Right In: 2564.908 $\pm$ 656.105 χ^2 /NDF: 3.7/5

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

Right Out: -1263.035 $\pm$ 599.156 χ^2 /NDF: 2.6/7

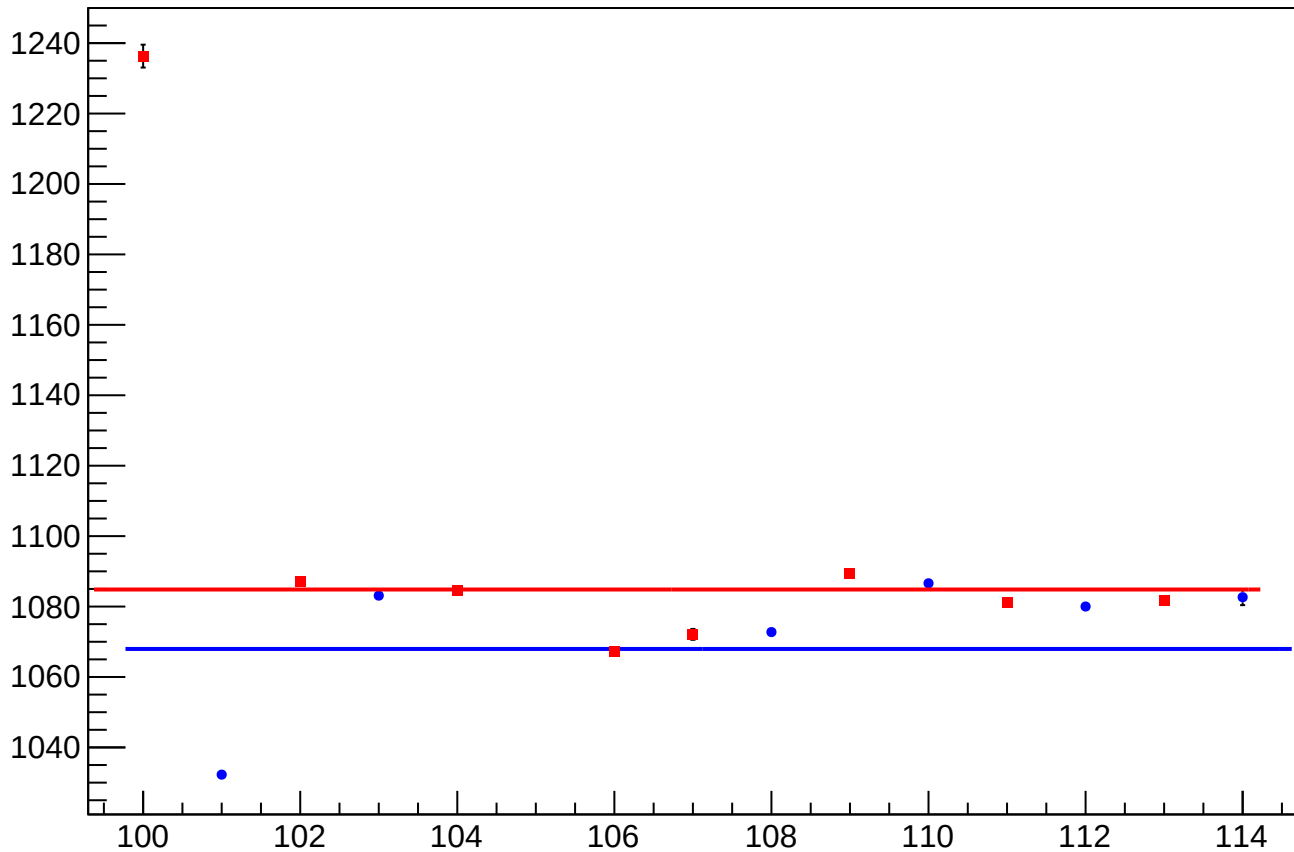
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 477.627 $\pm$ 442.433 χ^2 /NDF: 24.8/13

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

overload_cor_asym_usr_rms vs Slug



Right In: 1067.964 $\pm$ 0.464 χ^2 /NDF: 2213.3/5

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

Right Out: 1084.842 $\pm$ 0.424 χ^2 /NDF: 2464.0/7

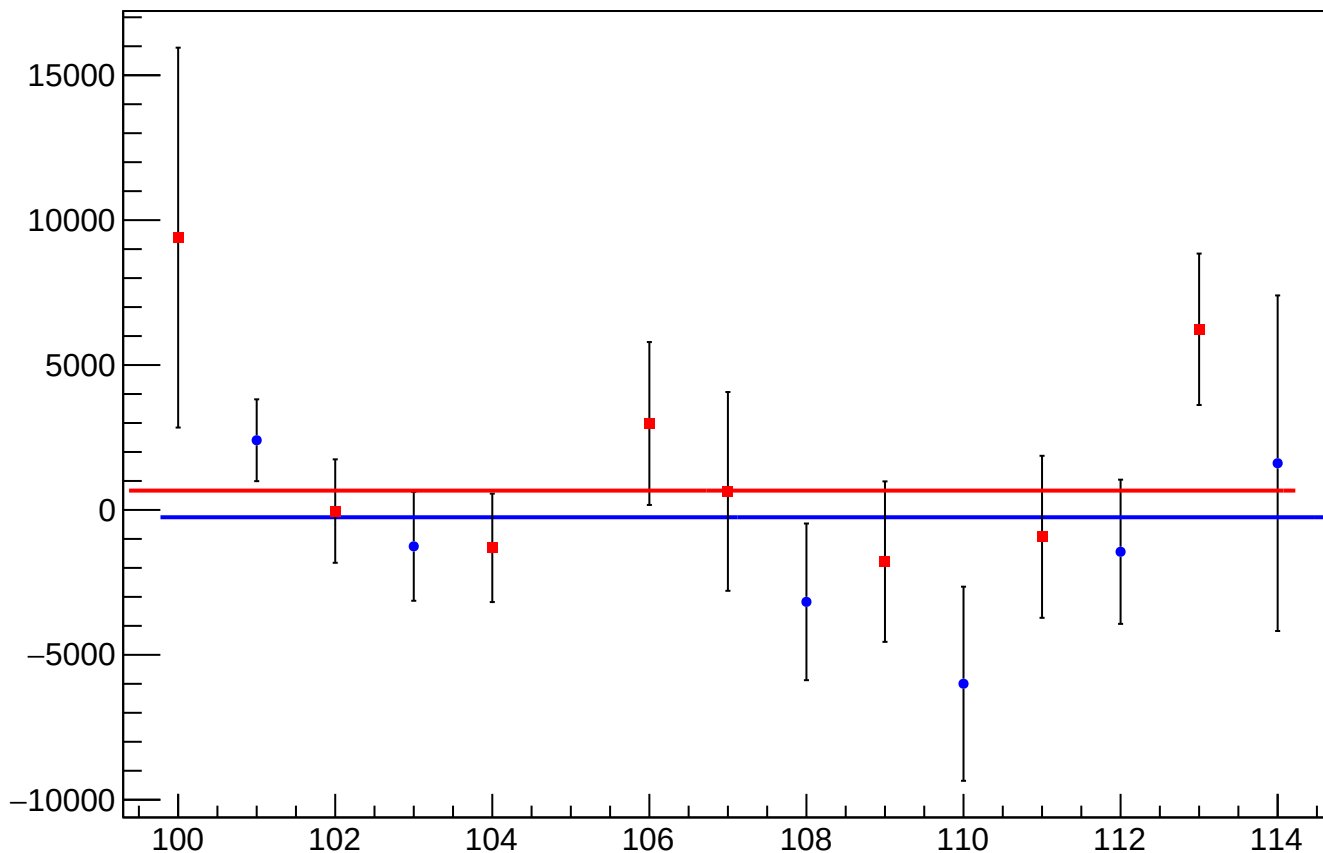
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1077.167 $\pm$ 0.313 χ^2 /NDF: 5399.0/13

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

asym_usr_overload_cor_correction_mean vs Slug



Right In: -252.447+/-911.951 χ^2/NDF : 8.3/5

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

Right Out: 667.540+/-898.303 χ^2/NDF : 9.4/7

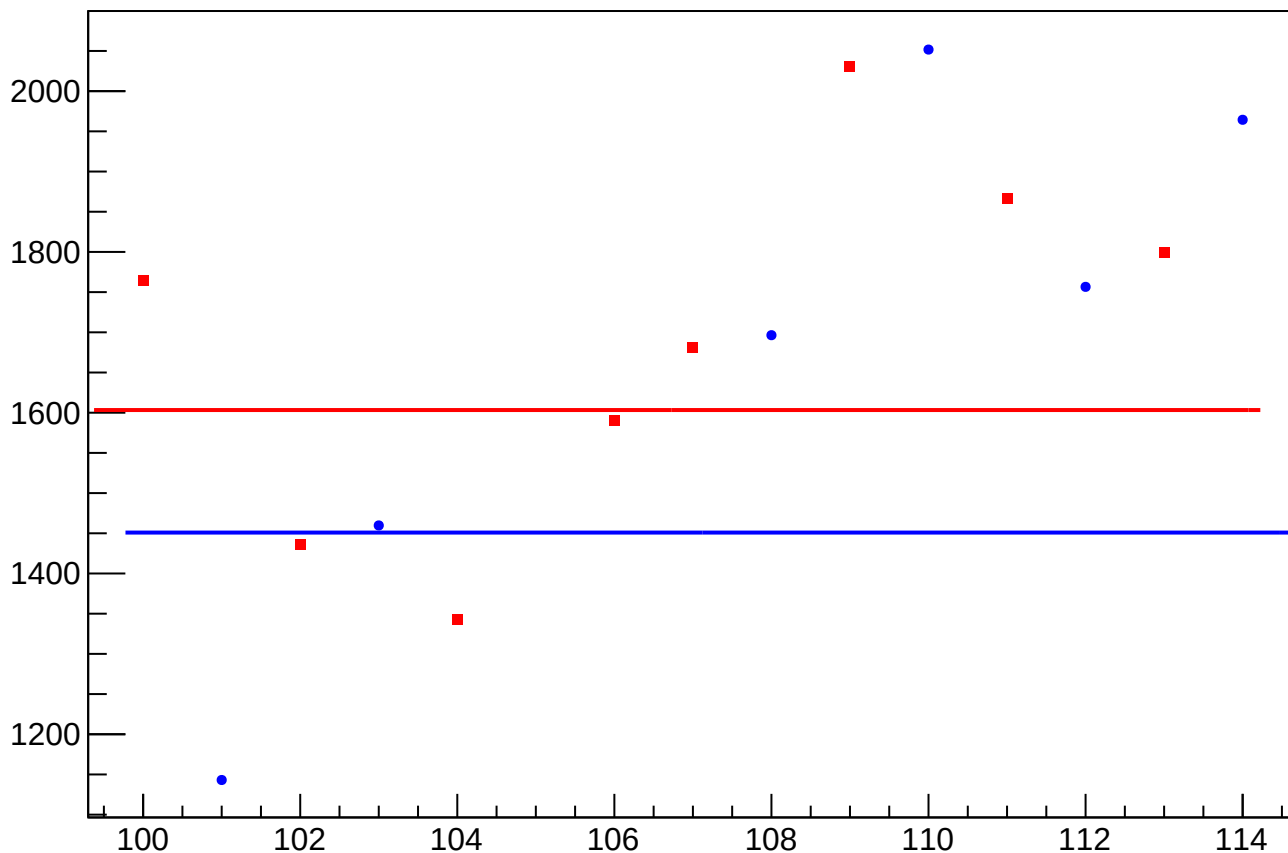
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.483+/-639.967 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1450.899+/-0.645 χ^2/NDF : 221865.6/5

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

Right Out: 1603.317+/-0.635 χ^2/NDF : 135223.6/7

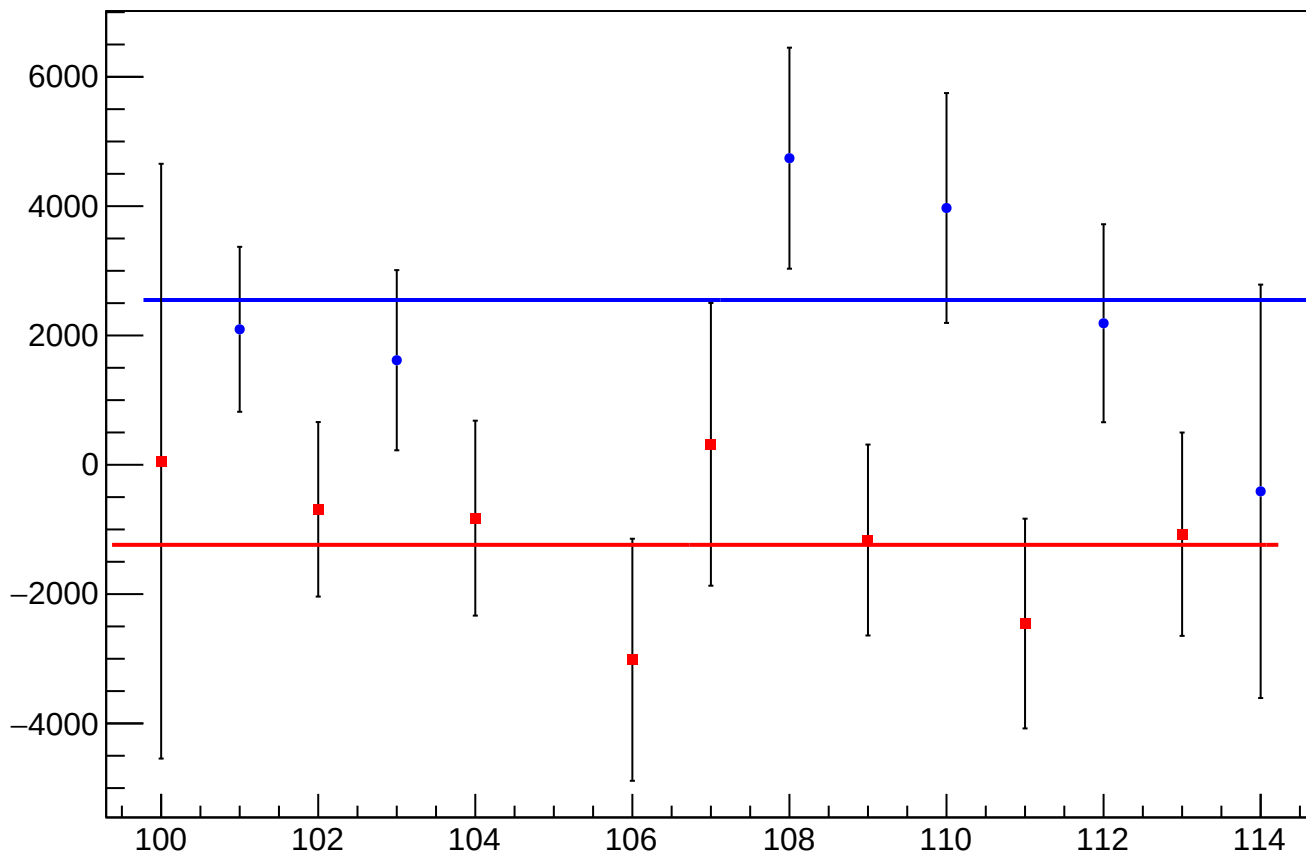
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1528.257+/-0.453 χ^2/NDF : 385444.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2548.698 $\pm$ 657.542 χ^2 /NDF: 3.8/5

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

Right Out: -1237.942 $\pm$ 600.367 χ^2 /NDF: 2.3/7

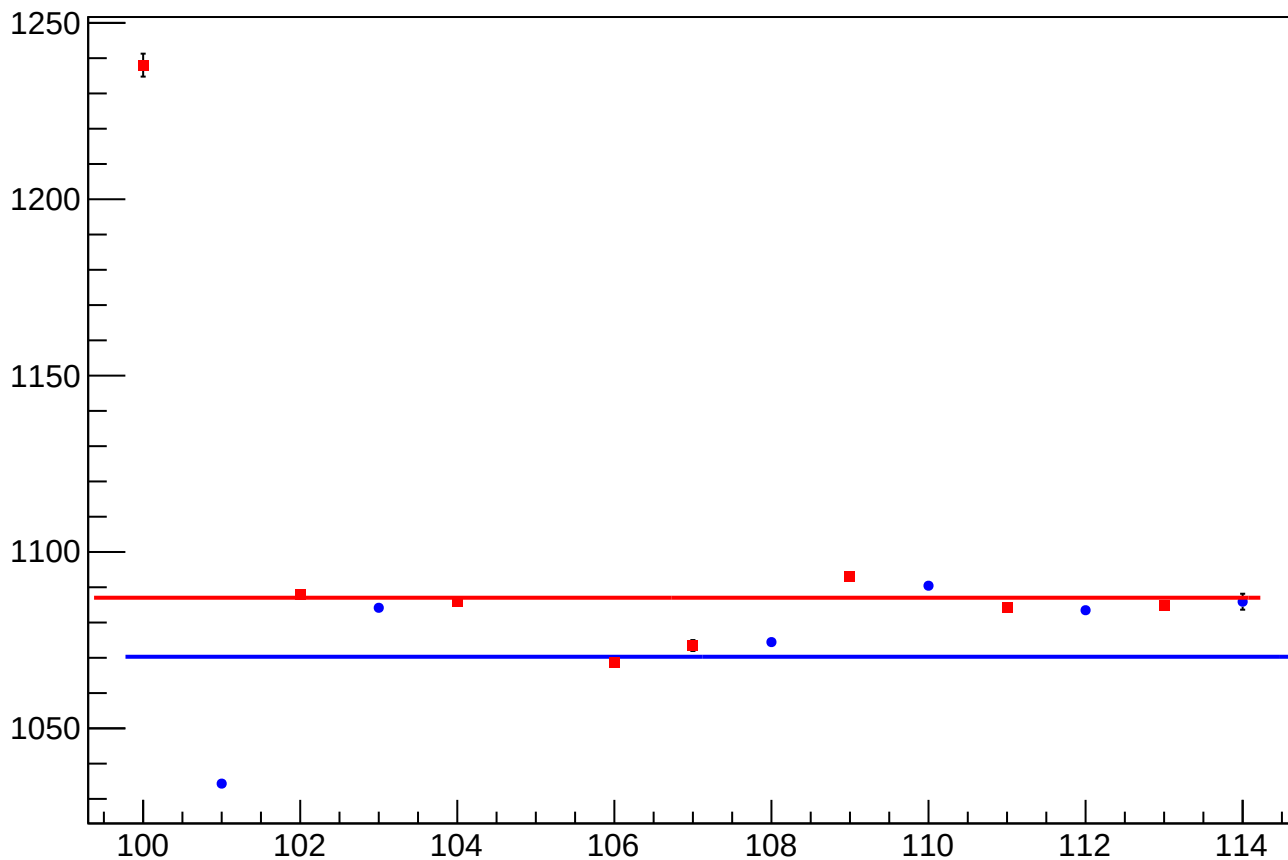
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 483.621 $\pm$ 443.361 χ^2 /NDF: 24.2/13

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

eigen_cor_asym_usr_rms vs Slug



Right In: 1070.298 $\pm$ 0.465 χ^2 /NDF: 2253.5/5

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

Right Out: 1087.033 $\pm$ 0.425 χ^2 /NDF: 2471.6/7

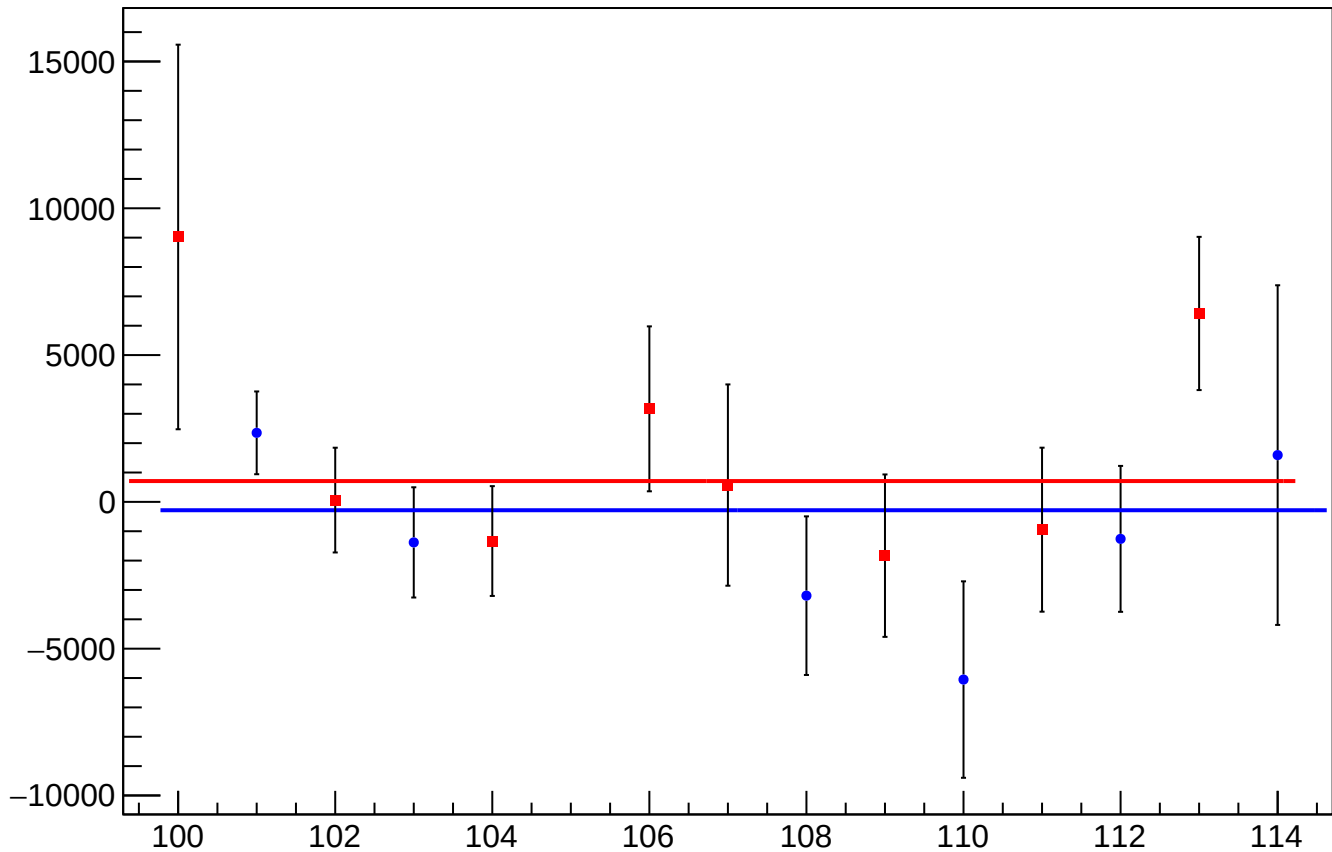
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

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

asym_usr_eigen_cor_correction_mean vs Slug



Right In: -284.773+/-910.901 χ^2/NDF : 8.2/5

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

Right Out: 708.997+/-897.623 χ^2/NDF : 9.7/7

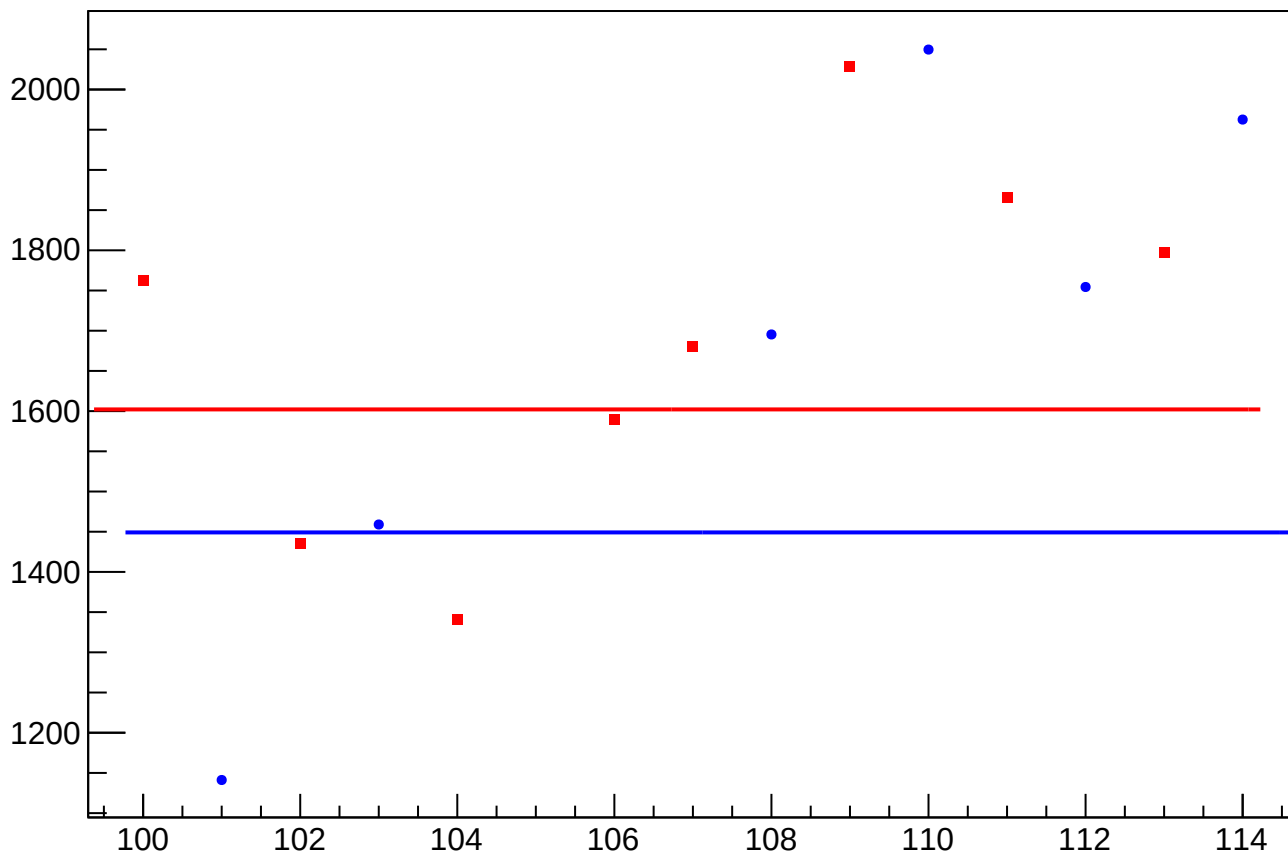
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.408+/-639.358 χ^2/NDF : 18.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1449.133+/-0.644 χ^2/NDF : 222480.4/5

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

Right Out: 1602.119+/-0.635 χ^2/NDF : 135021.1/7

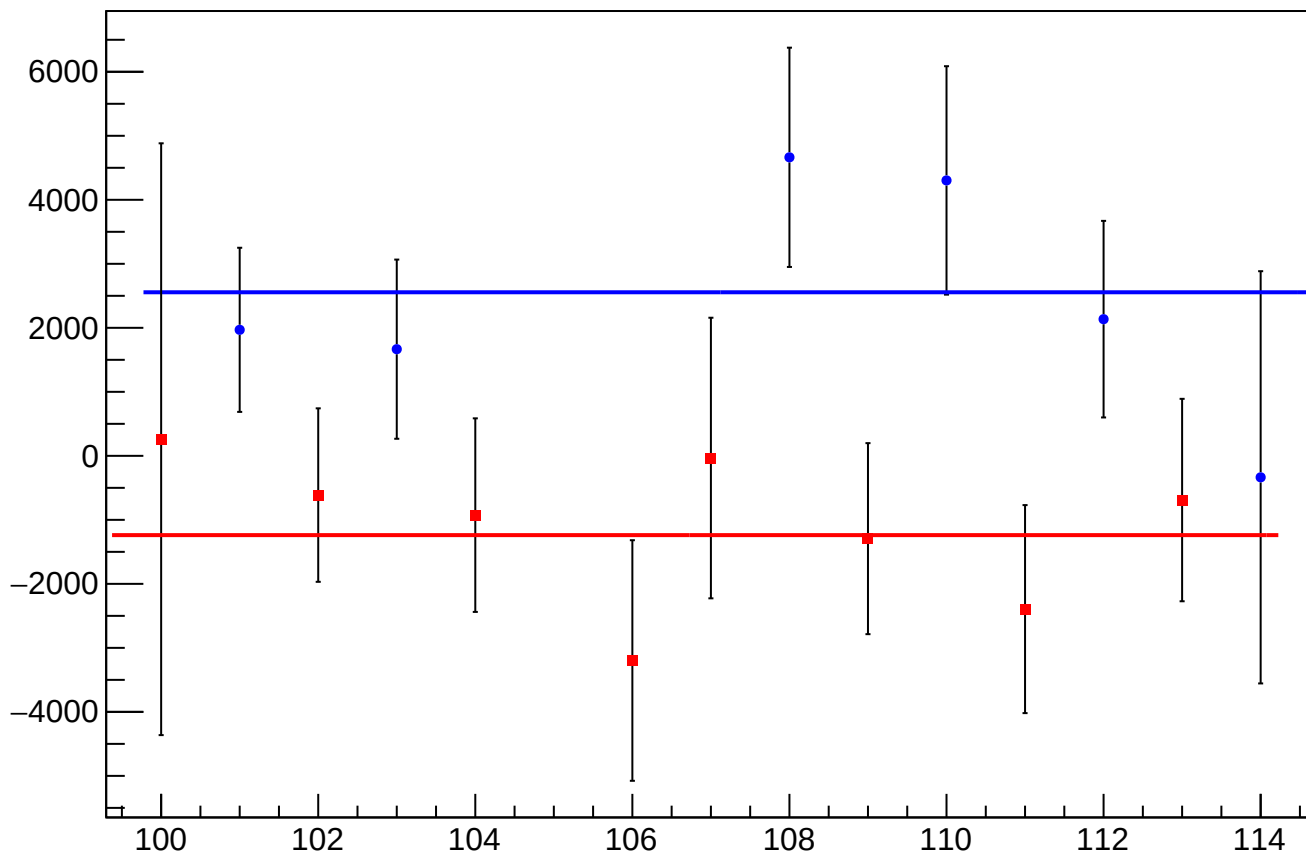
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_mean vs Slug



Right In: 2555.367 $\pm$ 660.217 χ^2 /NDF: 4.0/5

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

Right Out: -1238.656 $\pm$ 603.277 χ^2 /NDF: 2.4/7

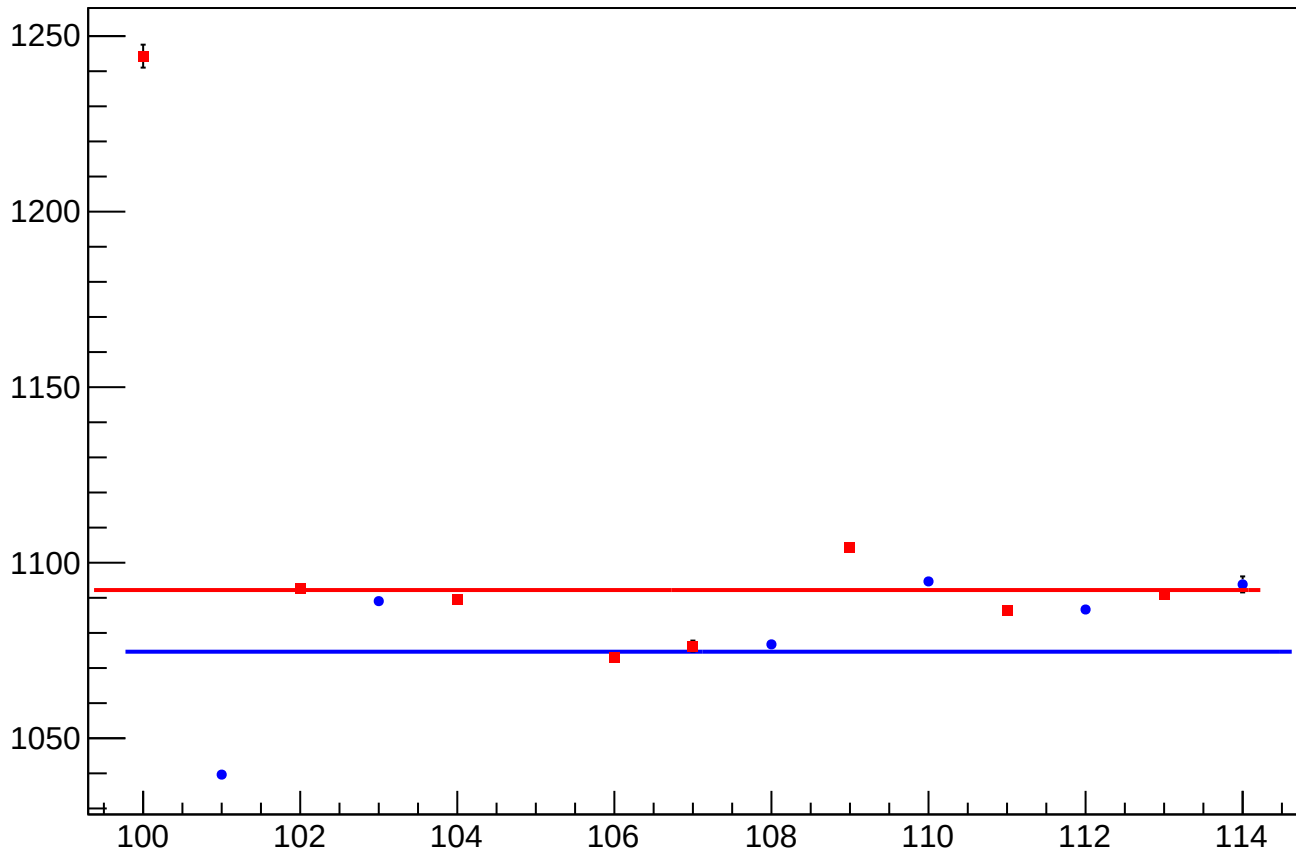
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 487.720 $\pm$ 445.353 χ^2 /NDF: 24.3/13

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

dit_asym_usr_rms vs Slug



Right In: 1074.652 $\pm$ 0.467 χ^2 /NDF: 2151.3/5

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

Right Out: 1092.214 $\pm$ 0.427 χ^2 /NDF: 2646.1/7

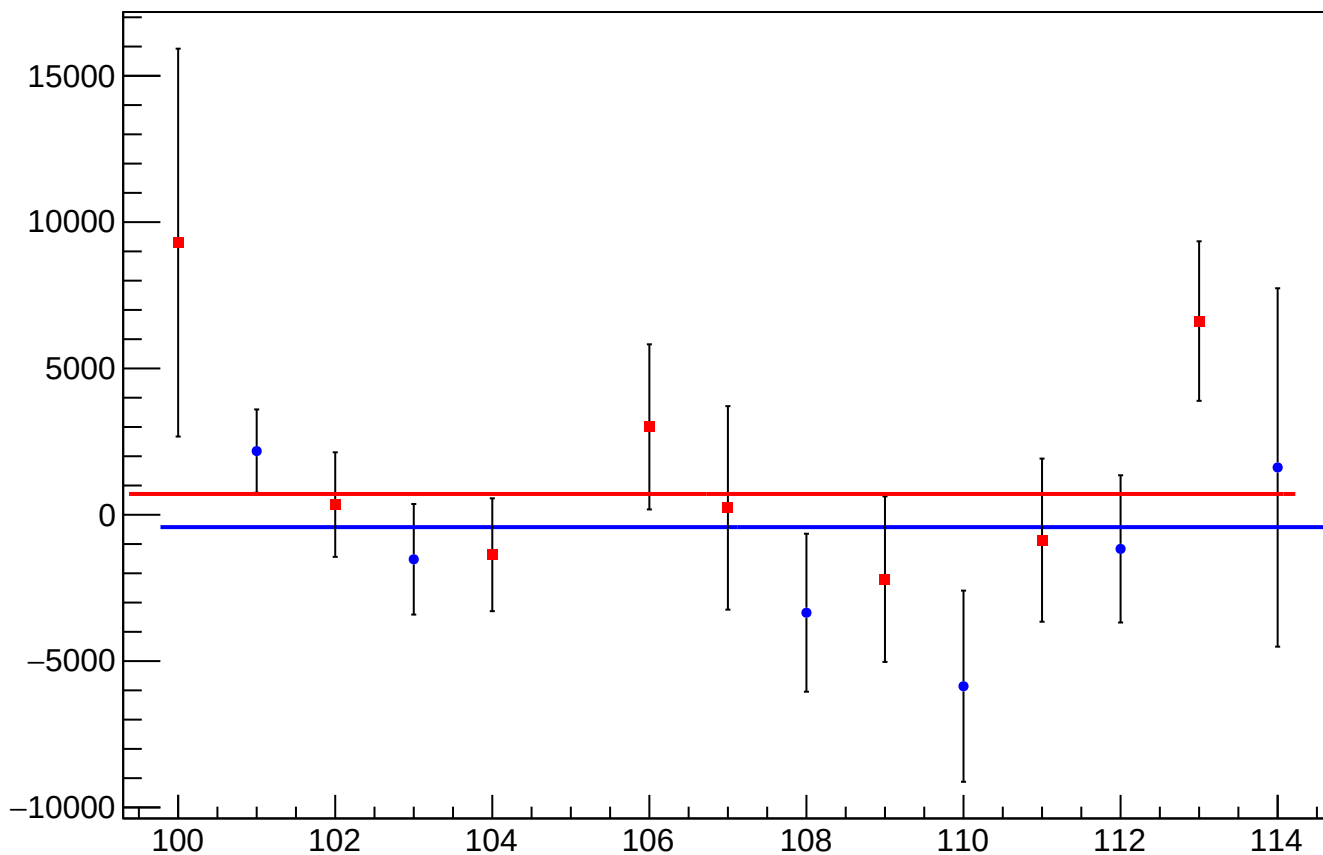
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1084.223 $\pm$ 0.315 χ^2 /NDF: 5568.6/13

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

asym_usr_dit_correction_mean vs Slug



Right In: -422.044+/-917.007 χ^2 /NDF: 7.8/5

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

Right Out: 711.256+/-912.208 χ^2 /NDF: 9.6/7

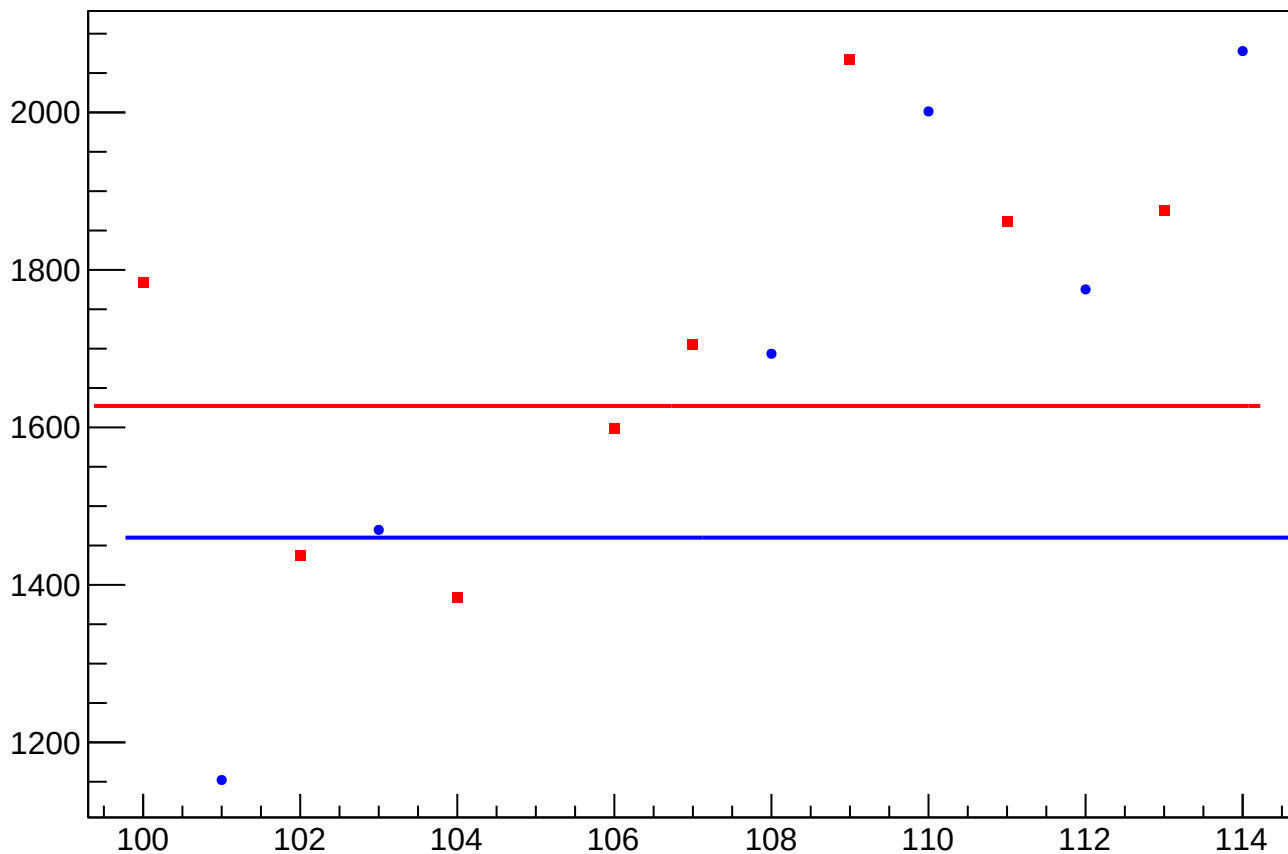
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147.579+/-646.718 χ^2 /NDF: 18.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_correction_rms vs Slug



Right In: 1459.995+/-0.648 χ^2/NDF : 215206.2/5

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

Right Out: 1627.241+/-0.645 χ^2/NDF : 135919.1/7

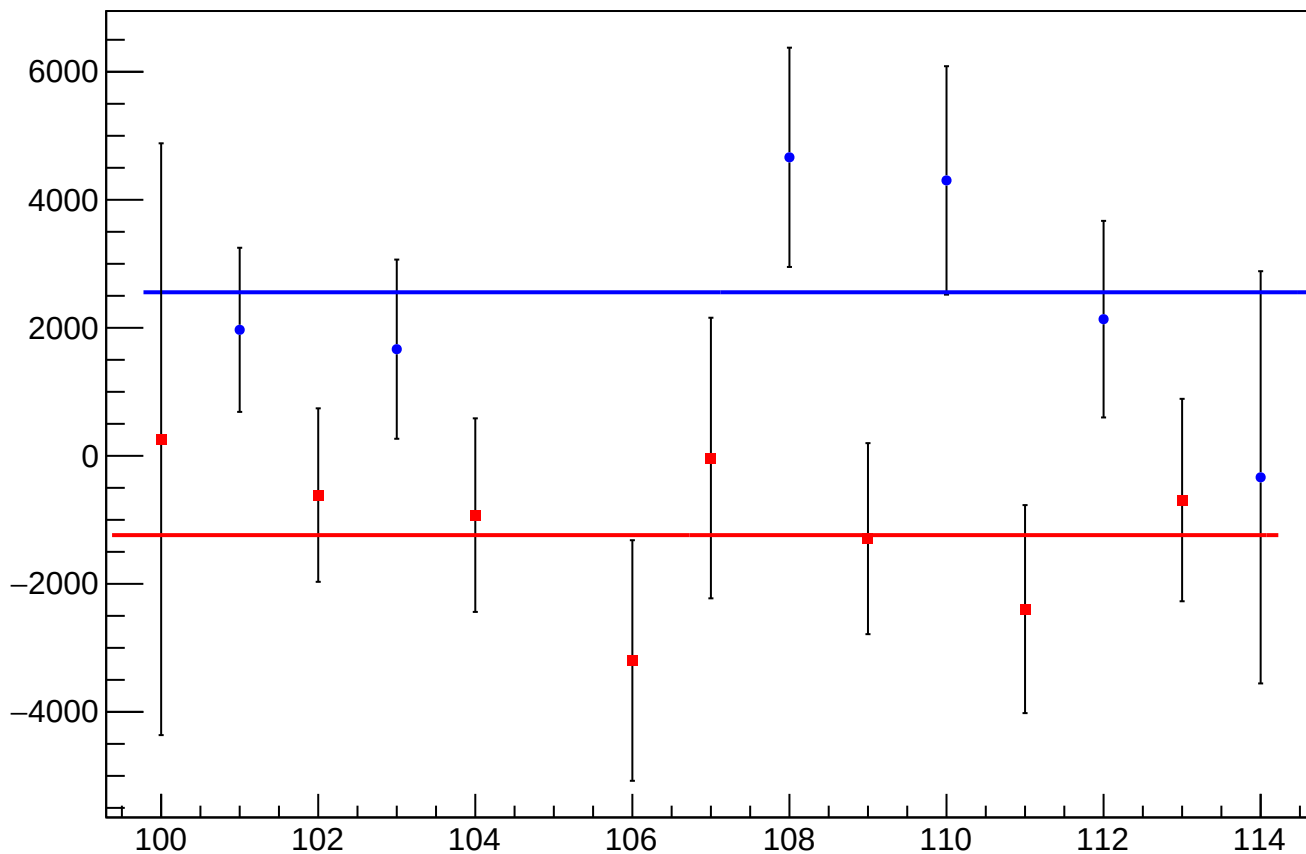
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.057+/-0.457 χ^2/NDF : 384563.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_mean vs Slug



Right In: 2555.369 $\pm$ 660.217 χ^2 /NDF: 4.0/5

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

Right Out: -1238.658 $\pm$ 603.277 χ^2 /NDF: 2.4/7

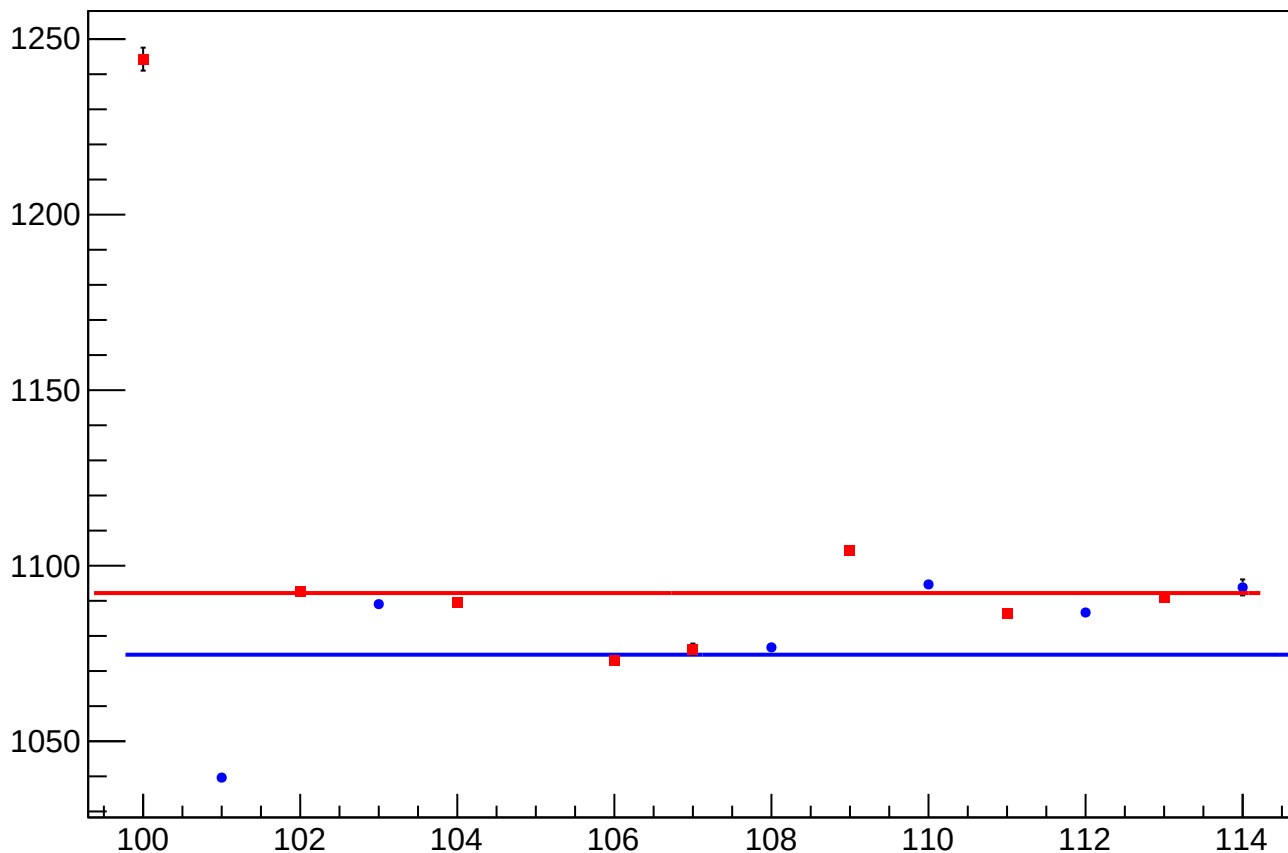
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 487.719 $\pm$ 445.353 χ^2 /NDF: 24.3/13

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

eigen_dit_asym_usr_rms vs Slug



Right In: 1074.652 $\pm$ 0.467 χ^2 /NDF: 2151.3/5

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

Right Out: 1092.214 $\pm$ 0.427 χ^2 /NDF: 2646.1/7

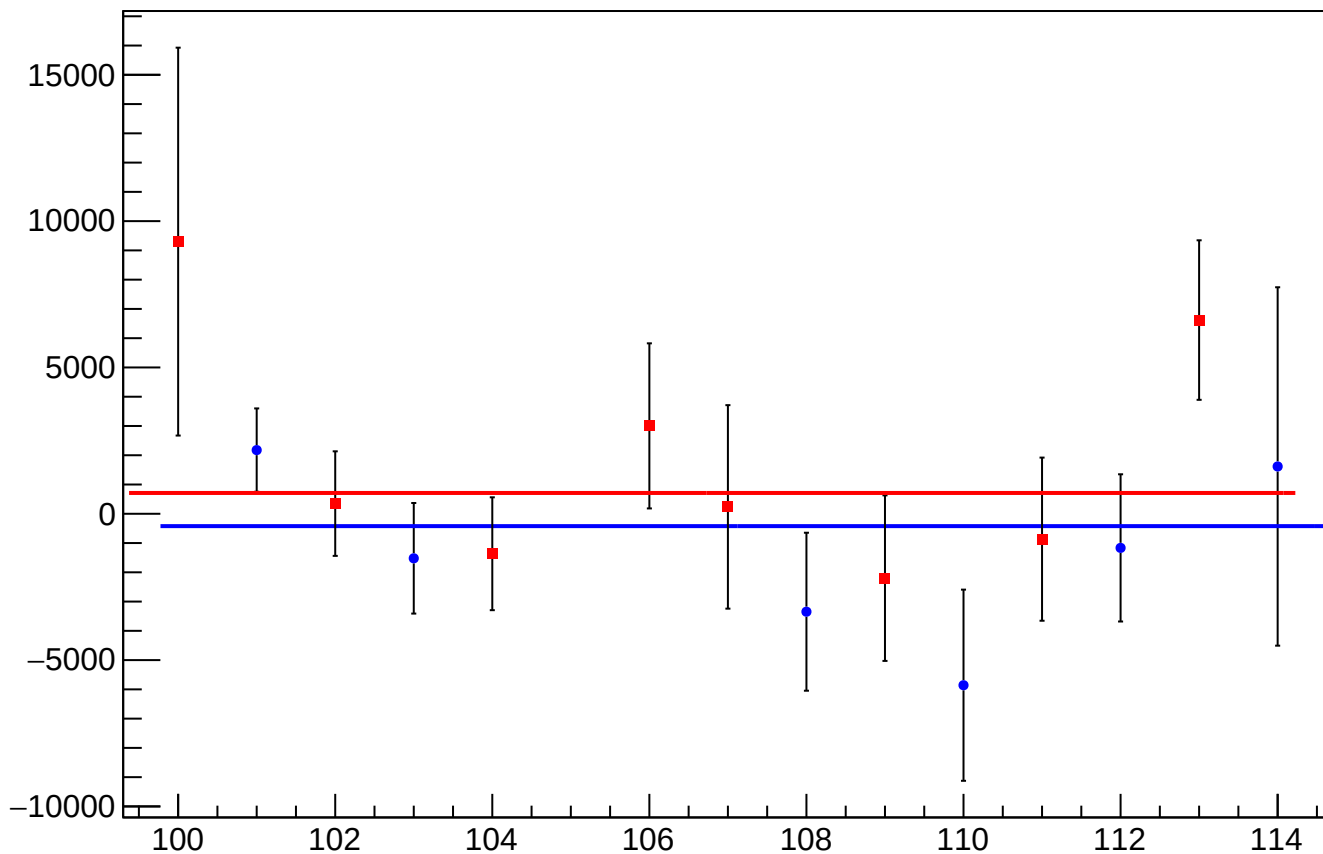
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1084.223 $\pm$ 0.315 χ^2 /NDF: 5568.6/13

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

asym_usr_eigen_dit_correction_mean vs Slug



Right In: -422.046 $\pm$ 917.006 χ^2 /NDF: 7.8/5

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

Right Out: 711.262 $\pm$ 912.208 χ^2 /NDF: 9.6/7

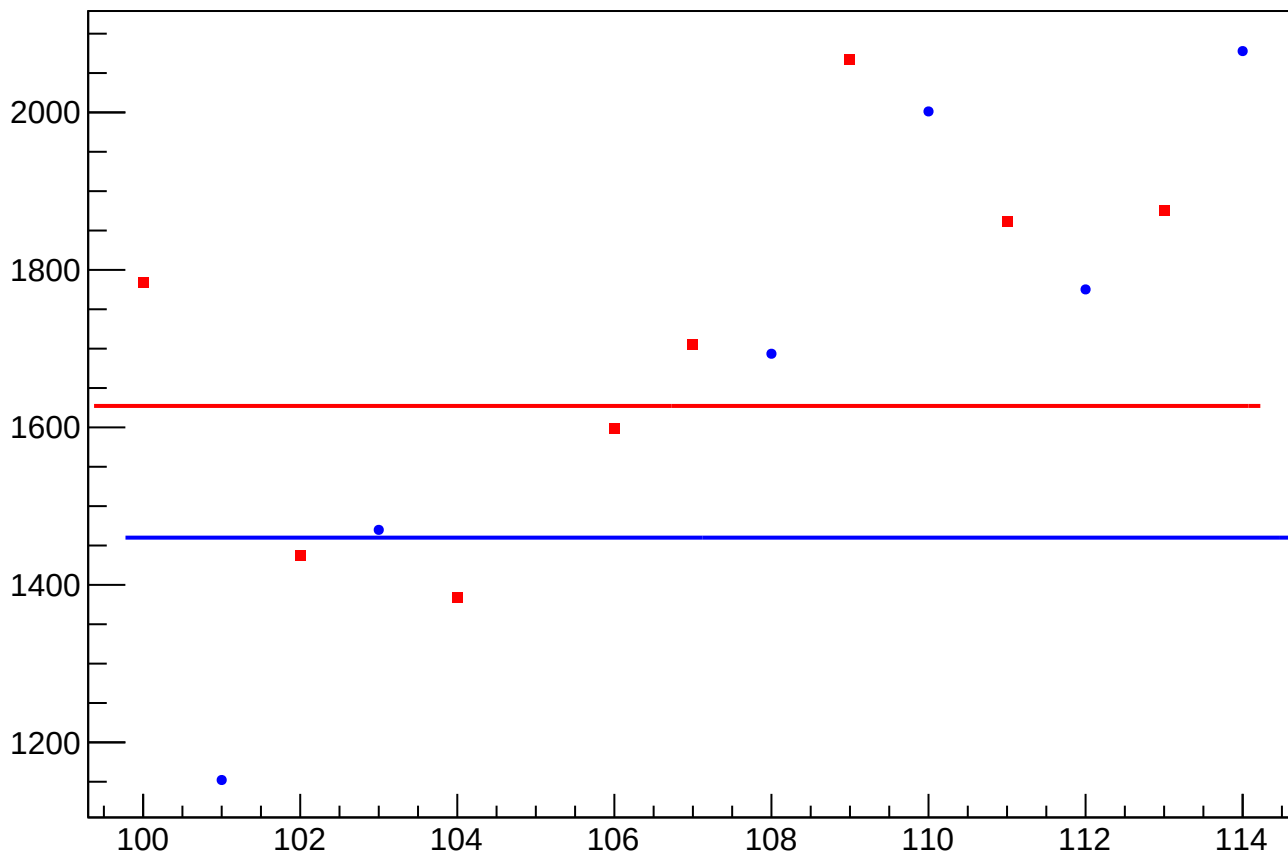
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 147.581 $\pm$ 646.718 χ^2 /NDF: 18.2/13

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

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1459.994 $\pm$ 0.648 χ^2 /NDF: 215202.7/5

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

Right Out: 1627.242 $\pm$ 0.645 χ^2 /NDF: 135914.0/7

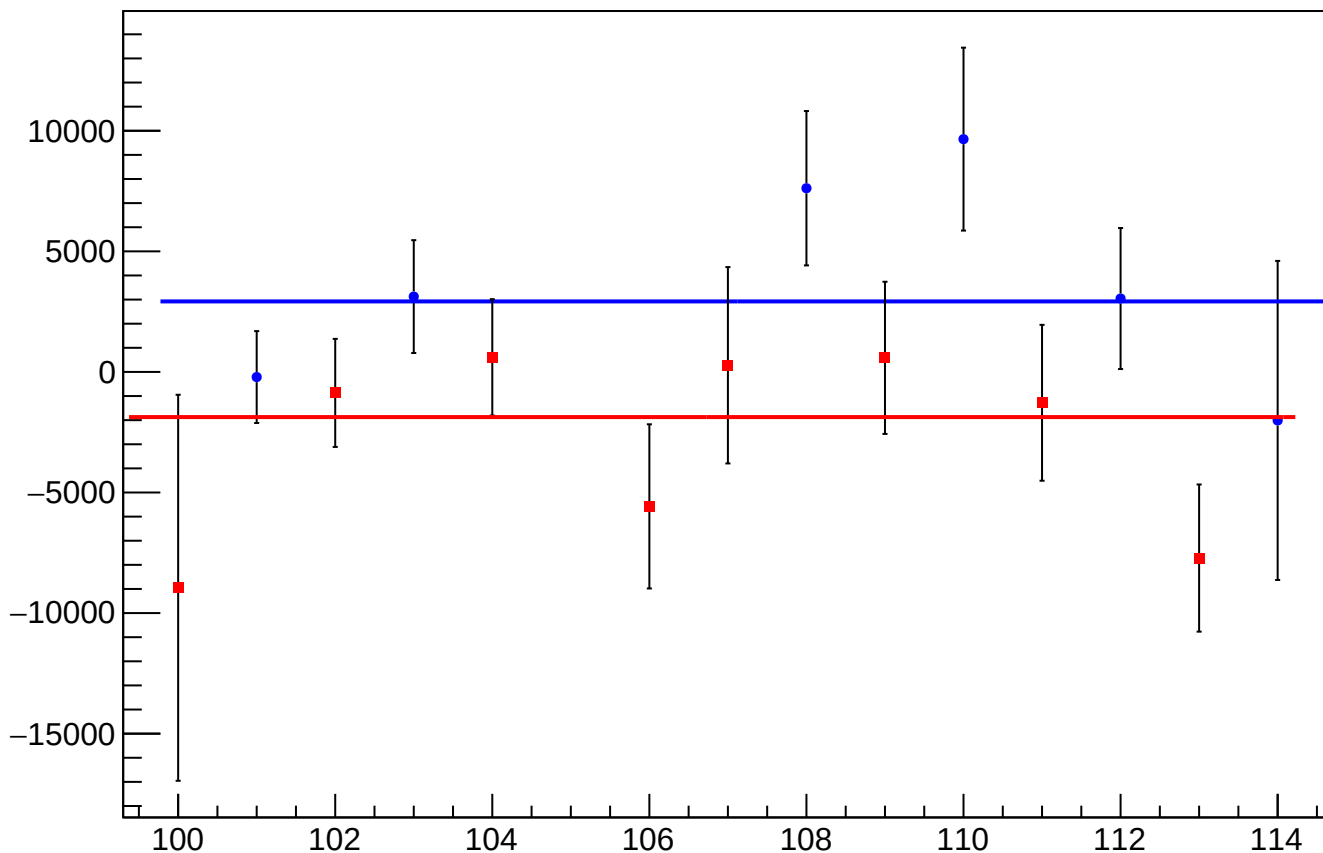
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1544.056 $\pm$ 0.457 χ^2 /NDF: 384555.5/13

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

asym_usr_mean vs Slug



Right In: 2923.871+/-1143.325 χ^2/NDF : 8.6/5

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

Right Out: -1872.273+/-1093.107 χ^2/NDF : 7.8/7

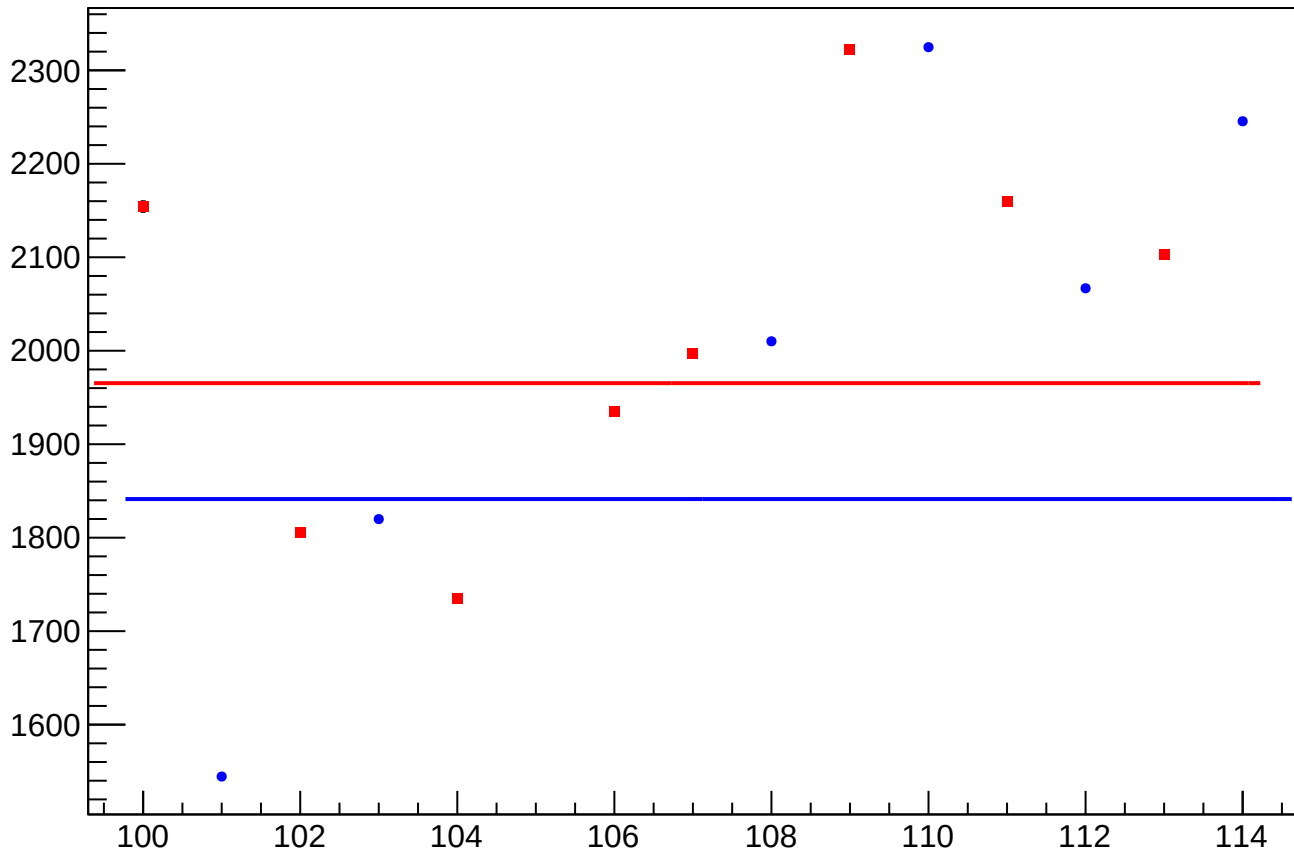
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.160+/-790.100 χ^2/NDF : 25.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_rms vs Slug



Right In: 1841.329+/-0.808 χ^2/NDF : 106137.0/5

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

Right Out: 1965.317+/-0.773 χ^2/NDF : 66638.6/7

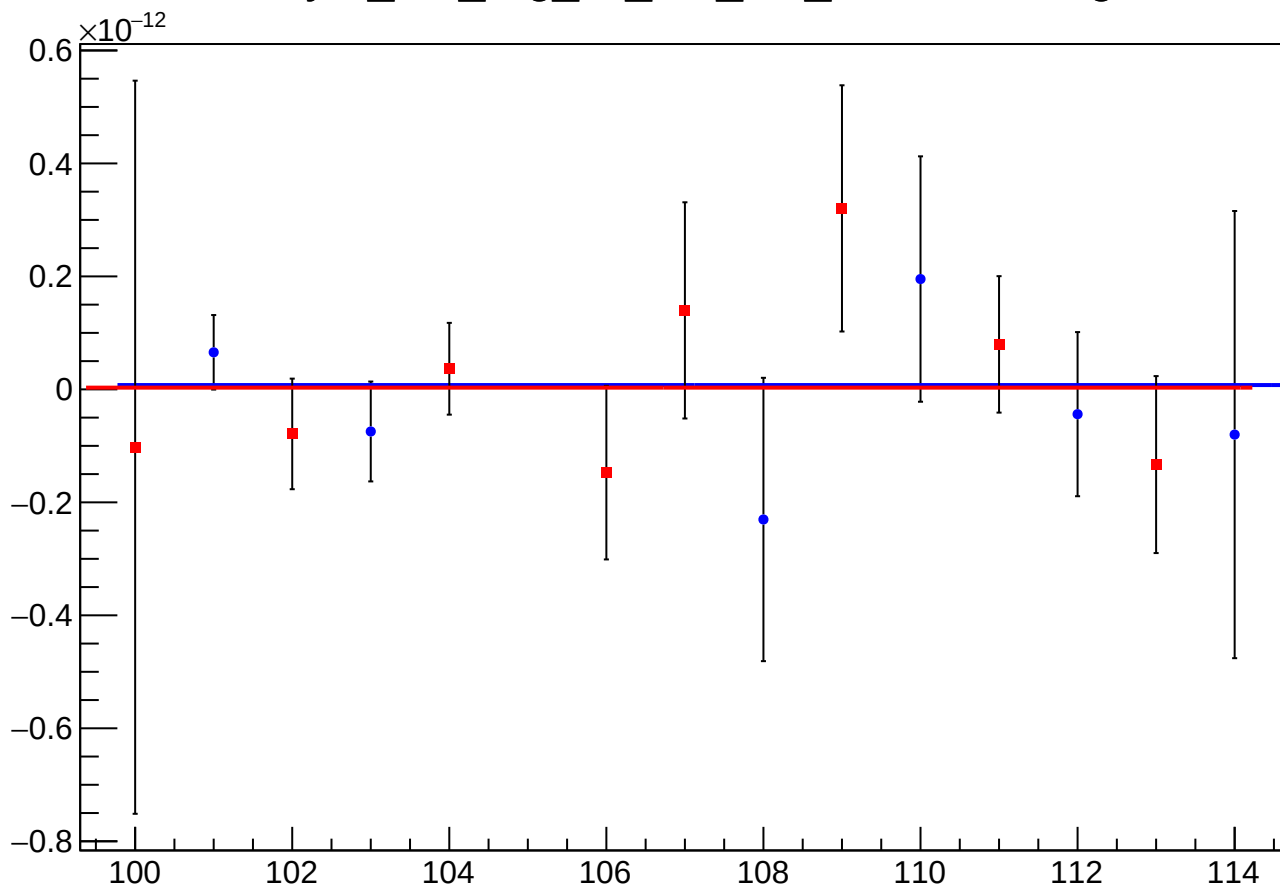
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.106+/-0.559 χ^2/NDF : 185063.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.5/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 5.6/7

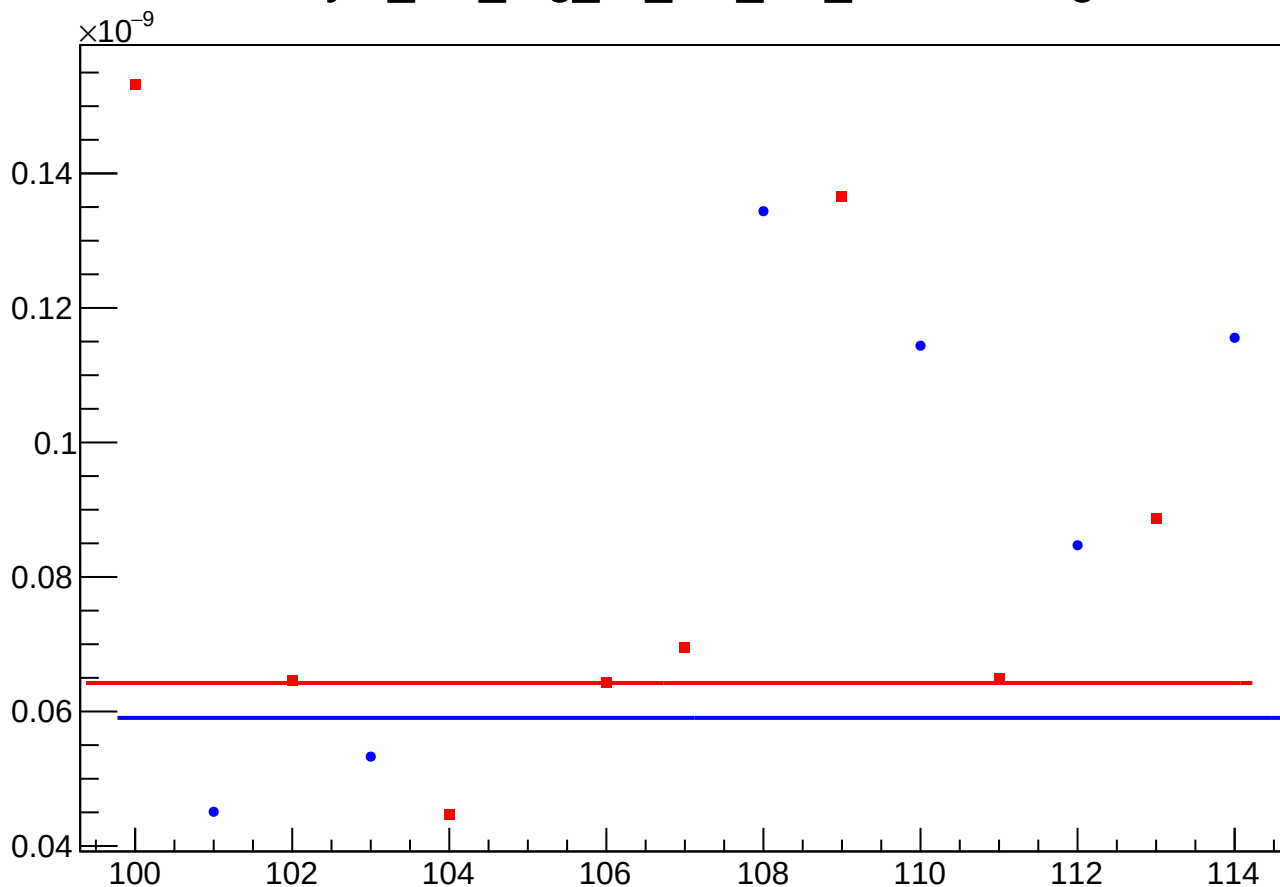
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 9.1/13

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

asym_usr_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 511548.3/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 423561.1/7

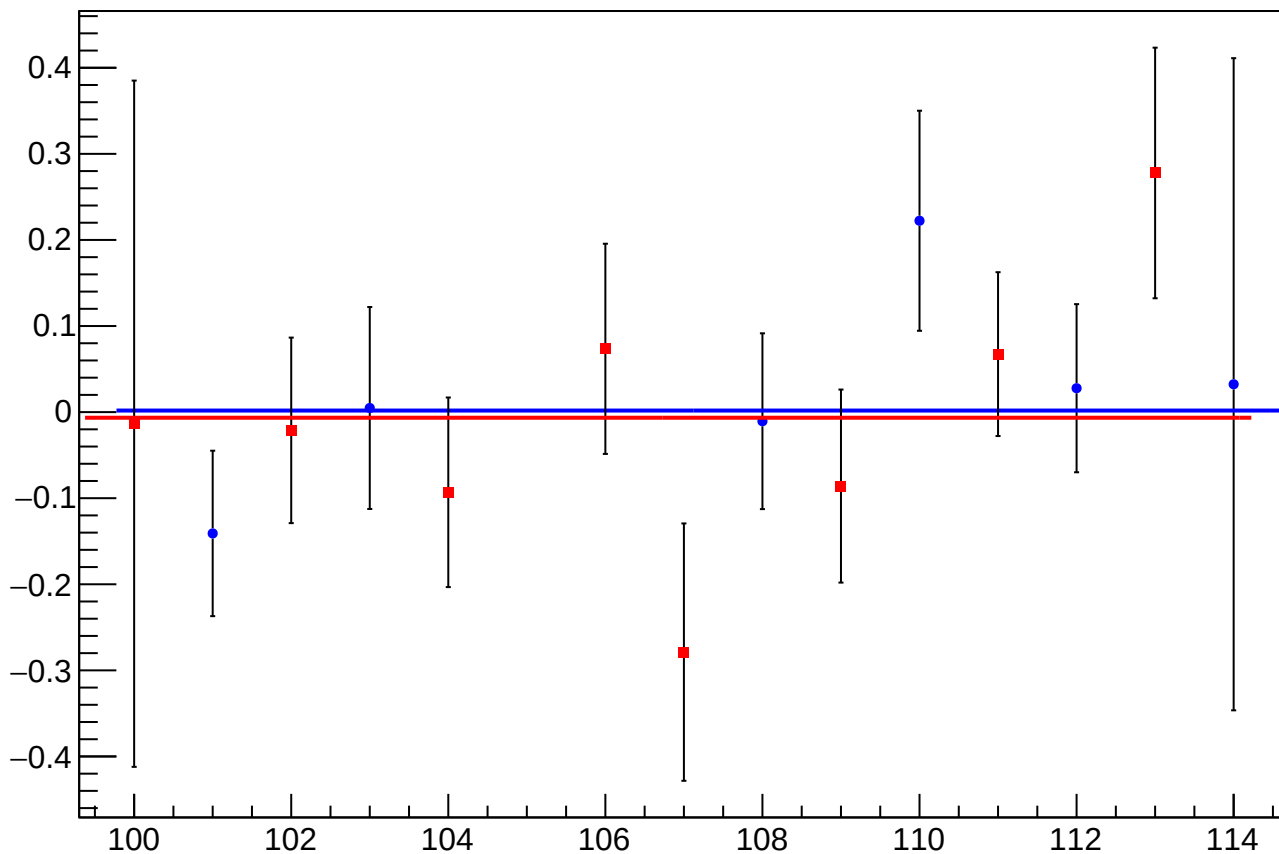
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 947297.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.047 χ^2 /NDF: 5.3/5

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

Right Out: -0.007 $\pm$ 0.044 χ^2 /NDF: 9.3/7

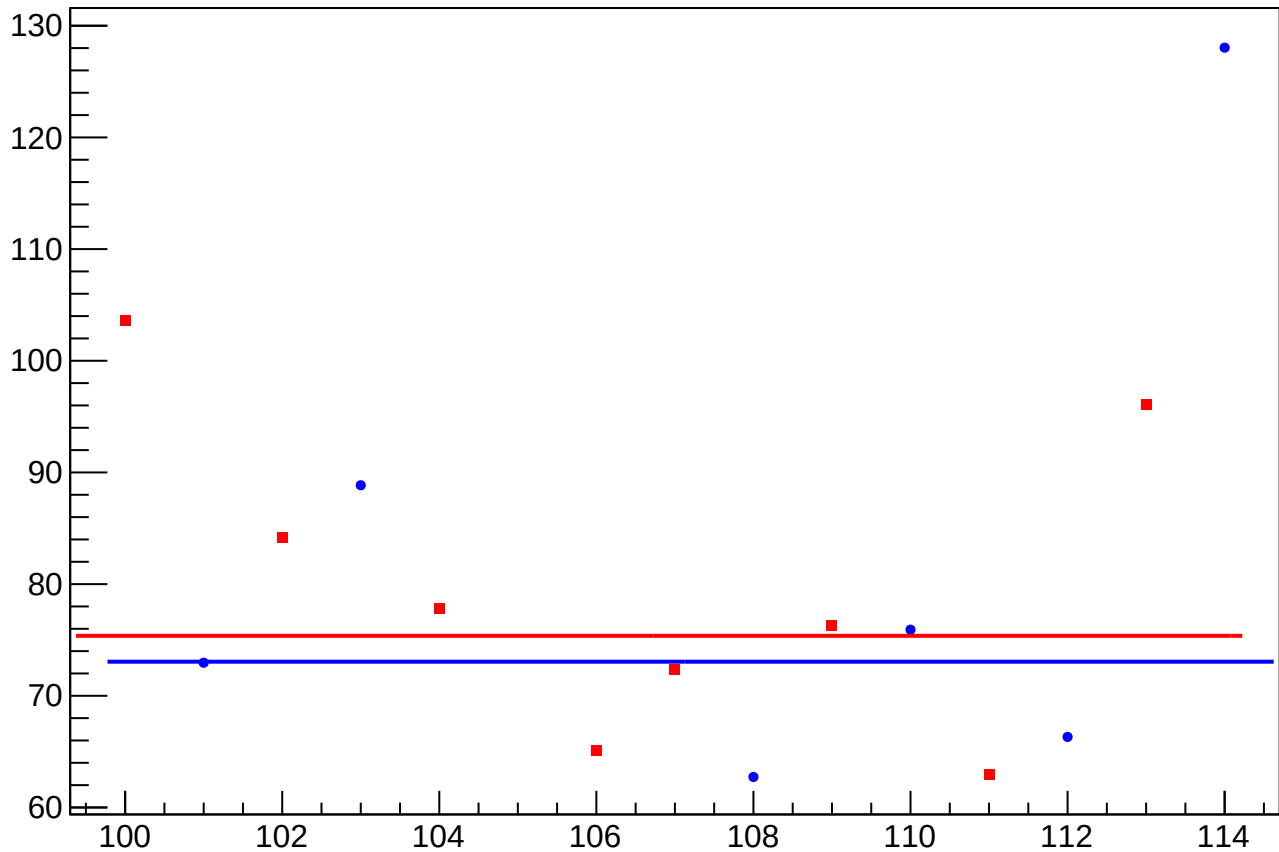
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 14.6/13

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

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 73.054+/-0.033 χ^2/NDF : 109393.2/5

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

Right Out: 75.371+/-0.031 χ^2/NDF : 113903.8/7

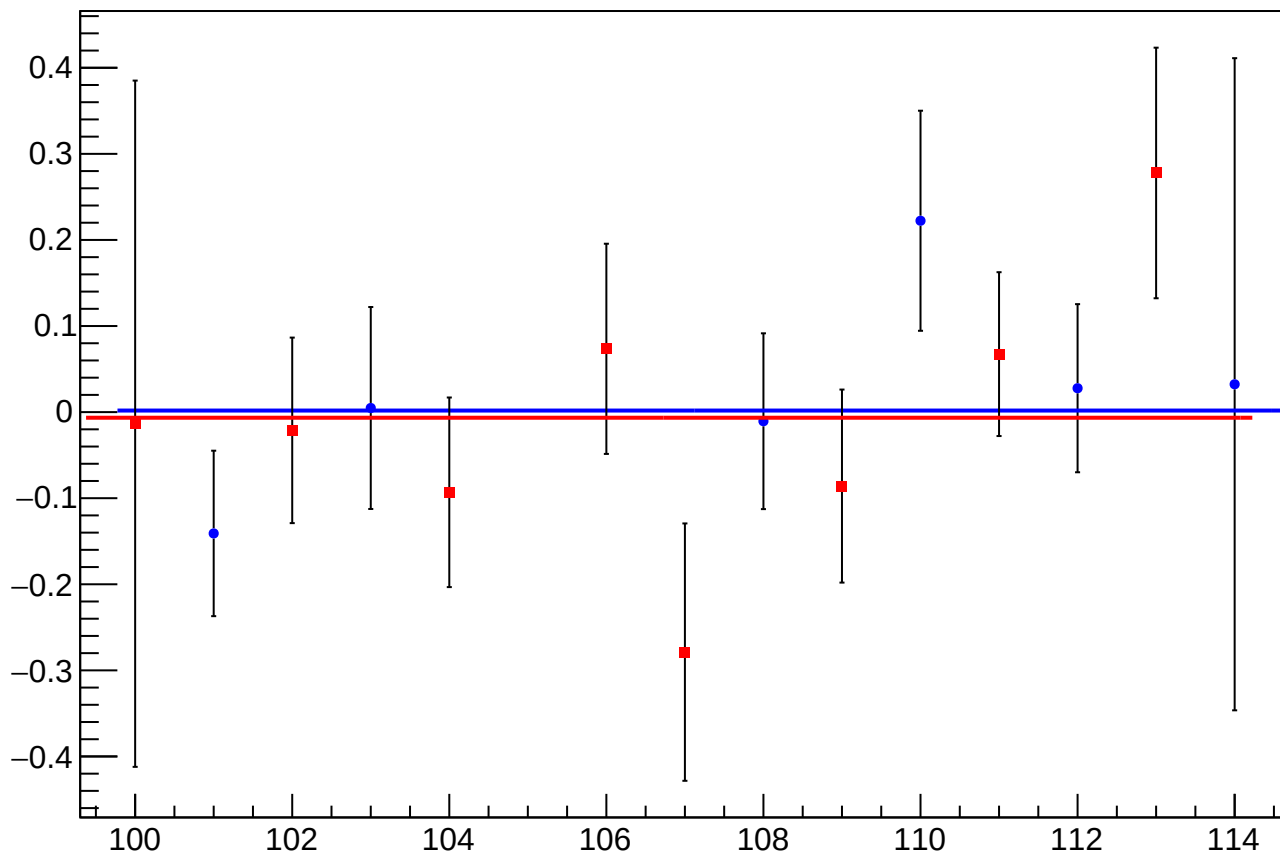
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.301+/-0.023 χ^2/NDF : 225896.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.047 χ^2 /NDF: 5.3/5

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

Right Out: -0.007 $\pm$ 0.044 χ^2 /NDF: 9.3/7

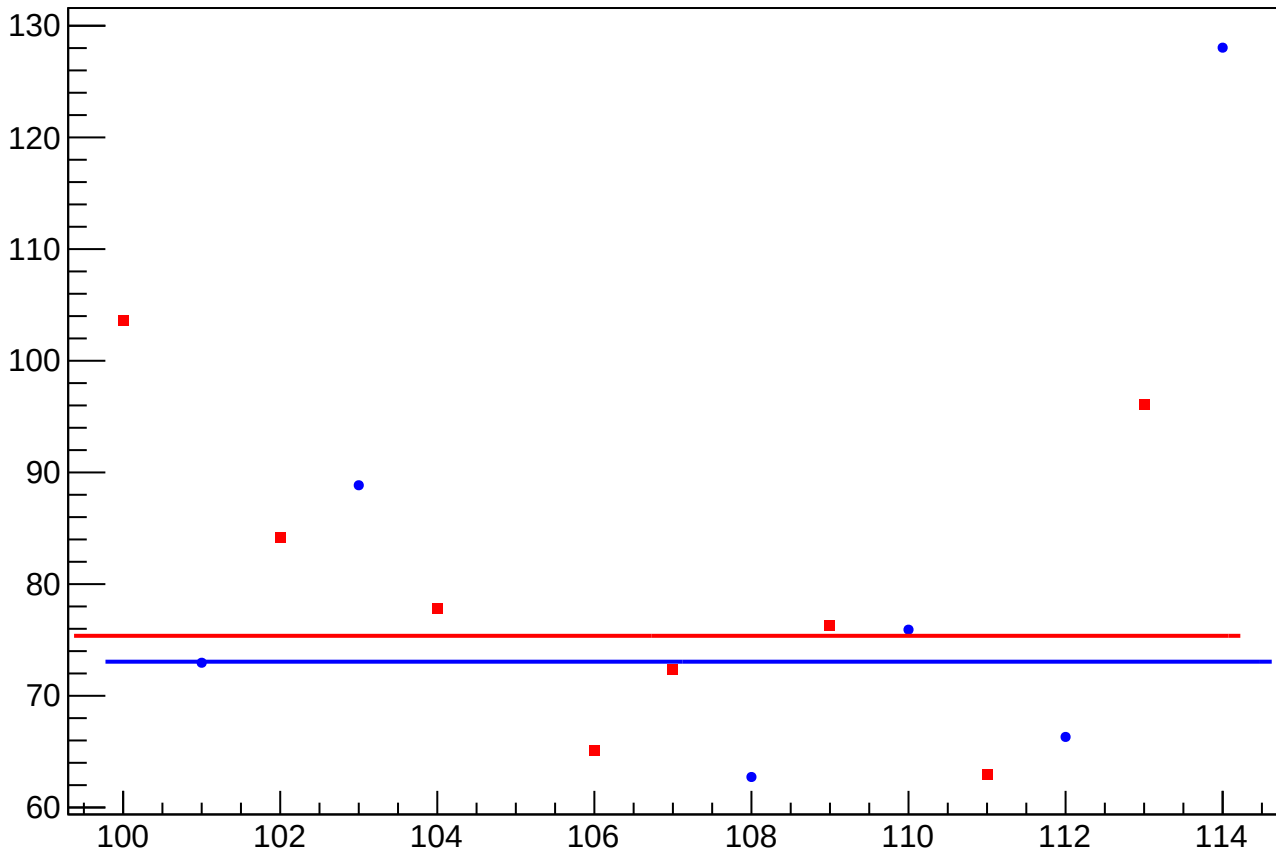
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 14.6/13

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

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.054+/-0.033 χ^2/NDF : 109393.2/5

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

Right Out: 75.371+/-0.031 χ^2/NDF : 113903.8/7

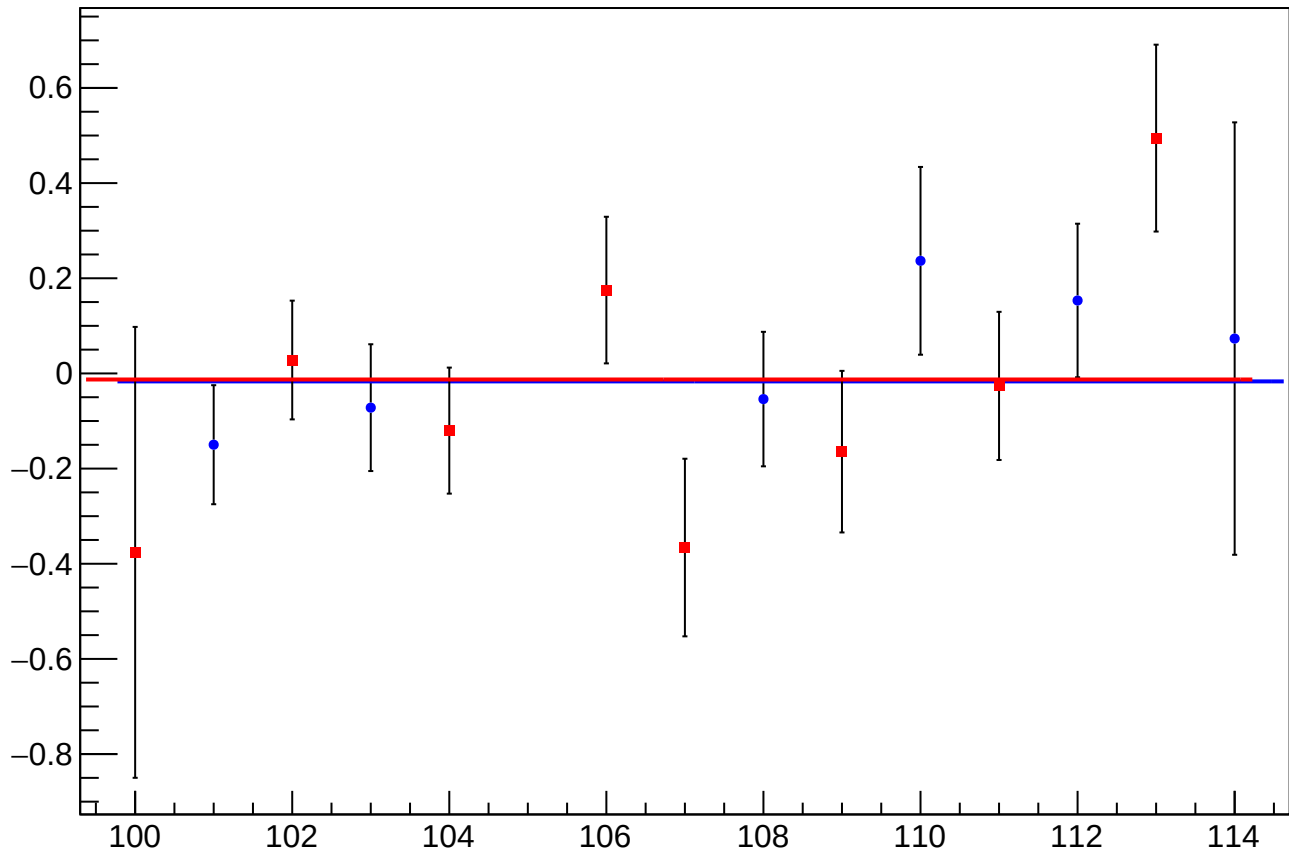
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.301+/-0.023 χ^2/NDF : 225896.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.017 ± 0.065 $\chi^2/\text{NDF}: 4.2/5$

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

Right Out: -0.013 ± 0.058 $\chi^2/\text{NDF}: 13.9/7$

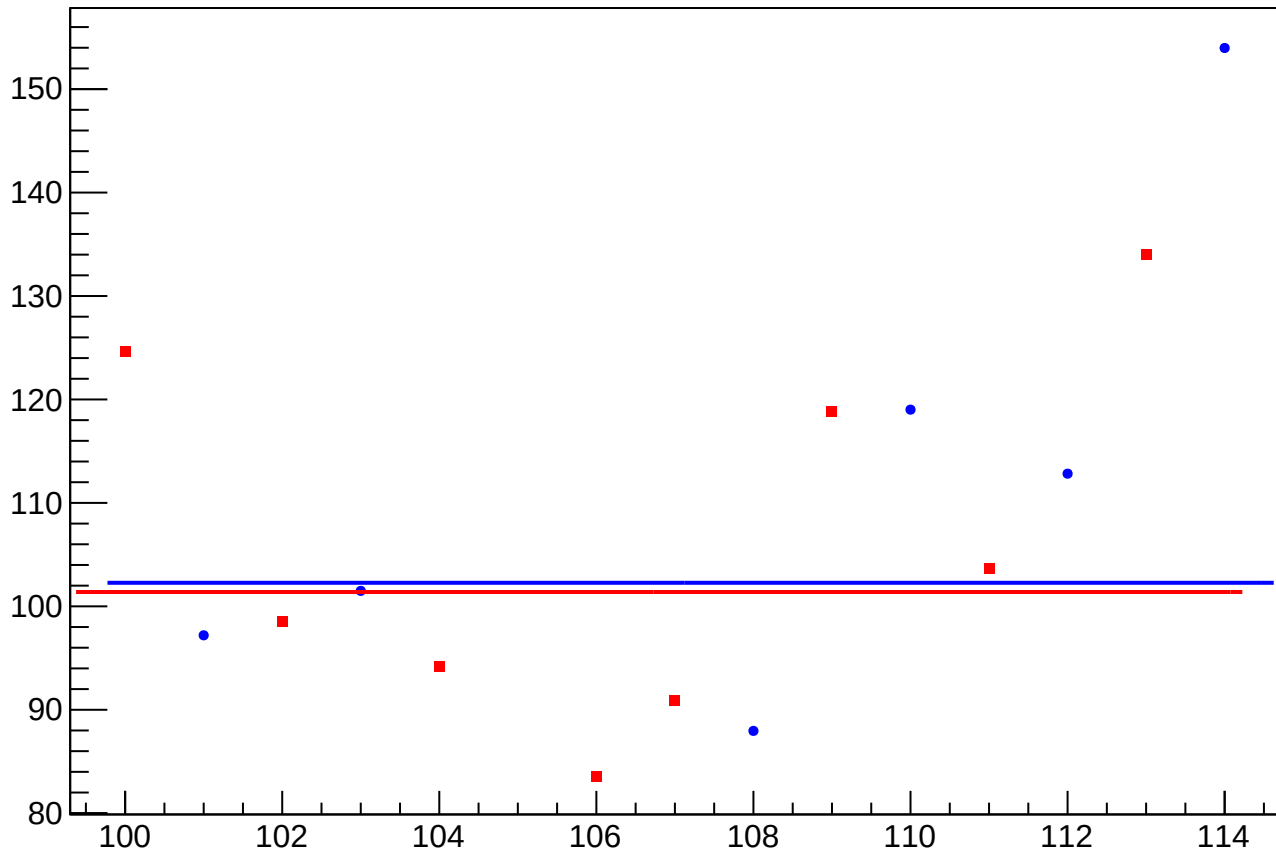
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.015 ± 0.043 $\chi^2/\text{NDF}: 18.1/13$

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

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 102.277 $\pm$ 0.046 χ^2 /NDF: 72710.4/5

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

Right Out: 101.387 $\pm$ 0.041 χ^2 /NDF: 121600.9/7

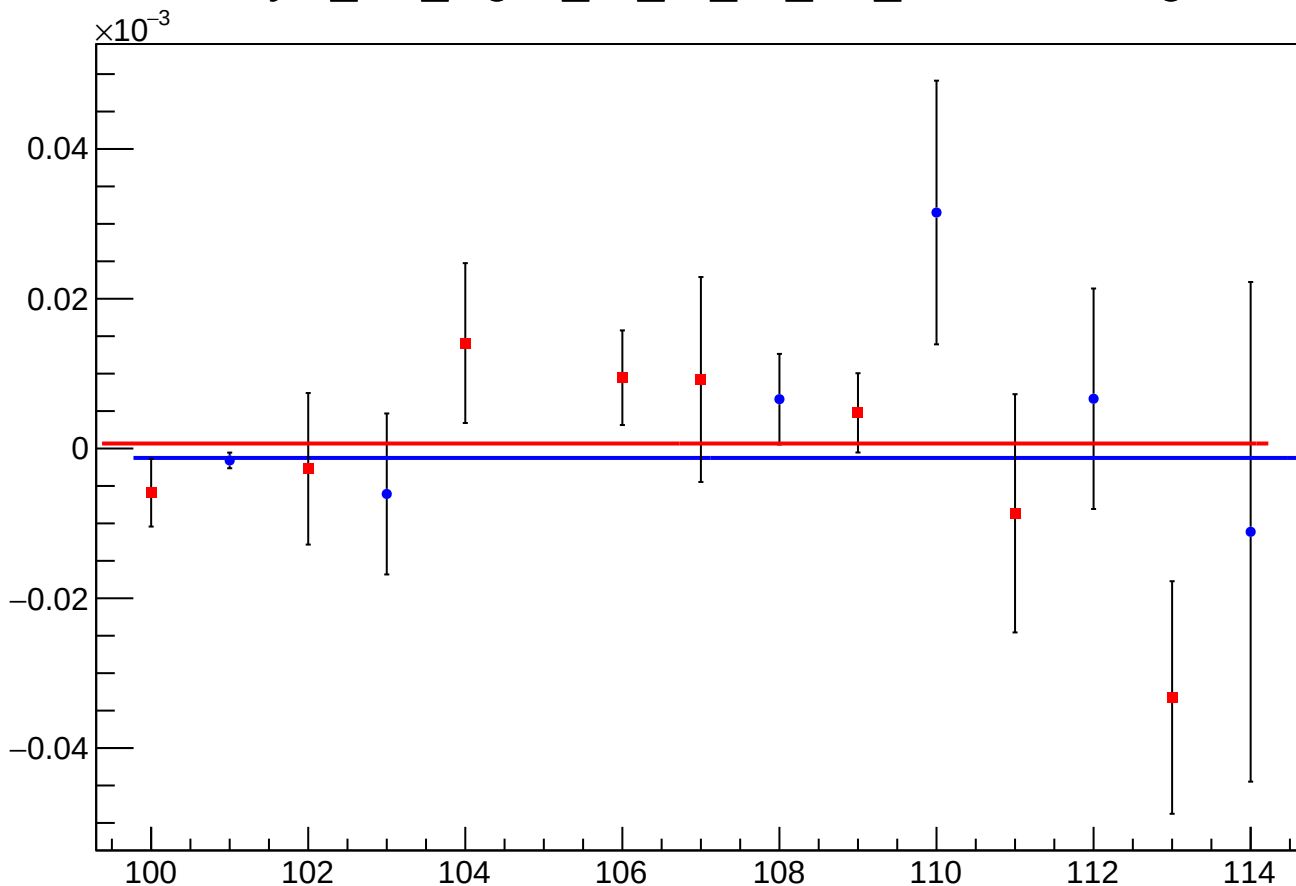
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 101.783 $\pm$ 0.030 χ^2 /NDF: 194521.9/13

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

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/7

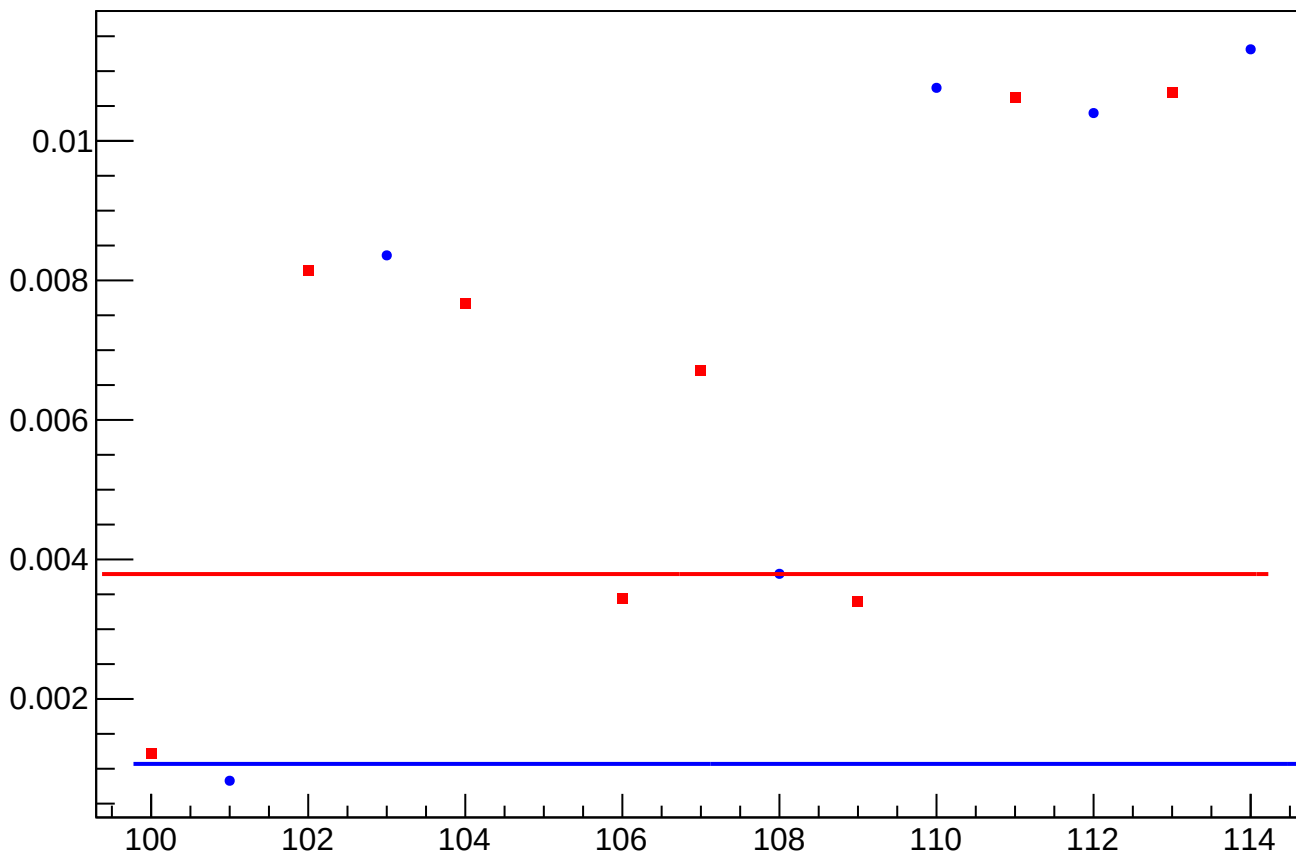
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/13

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

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3030705.5/5

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2150438.9/7

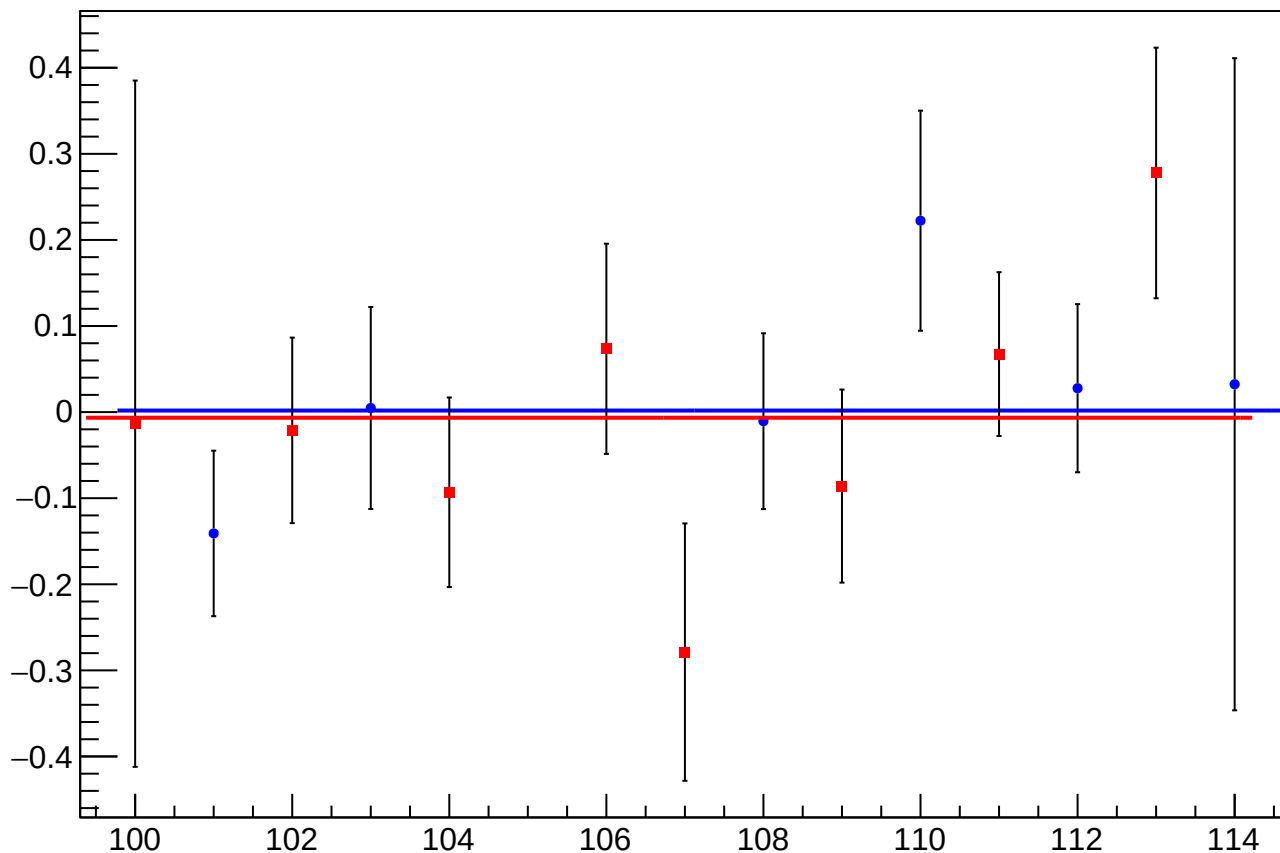
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7006846.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.047 χ^2 /NDF: 5.3/5

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

Right Out: -0.007 $\pm$ 0.044 χ^2 /NDF: 9.3/7

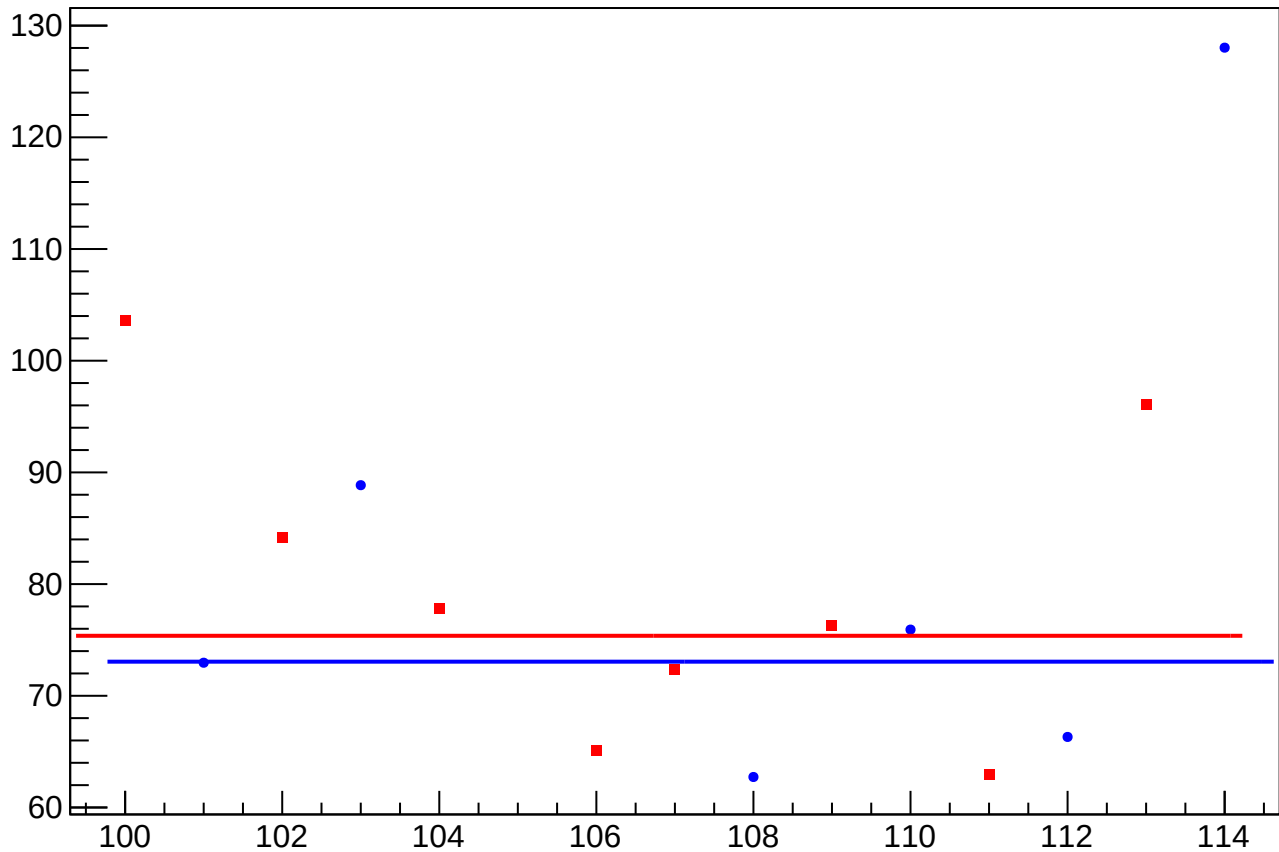
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 14.6/13

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

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 73.054 $\pm$ 0.033 χ^2 /NDF: 109401.0/5

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

Right Out: 75.372 $\pm$ 0.031 χ^2 /NDF: 113893.4/7

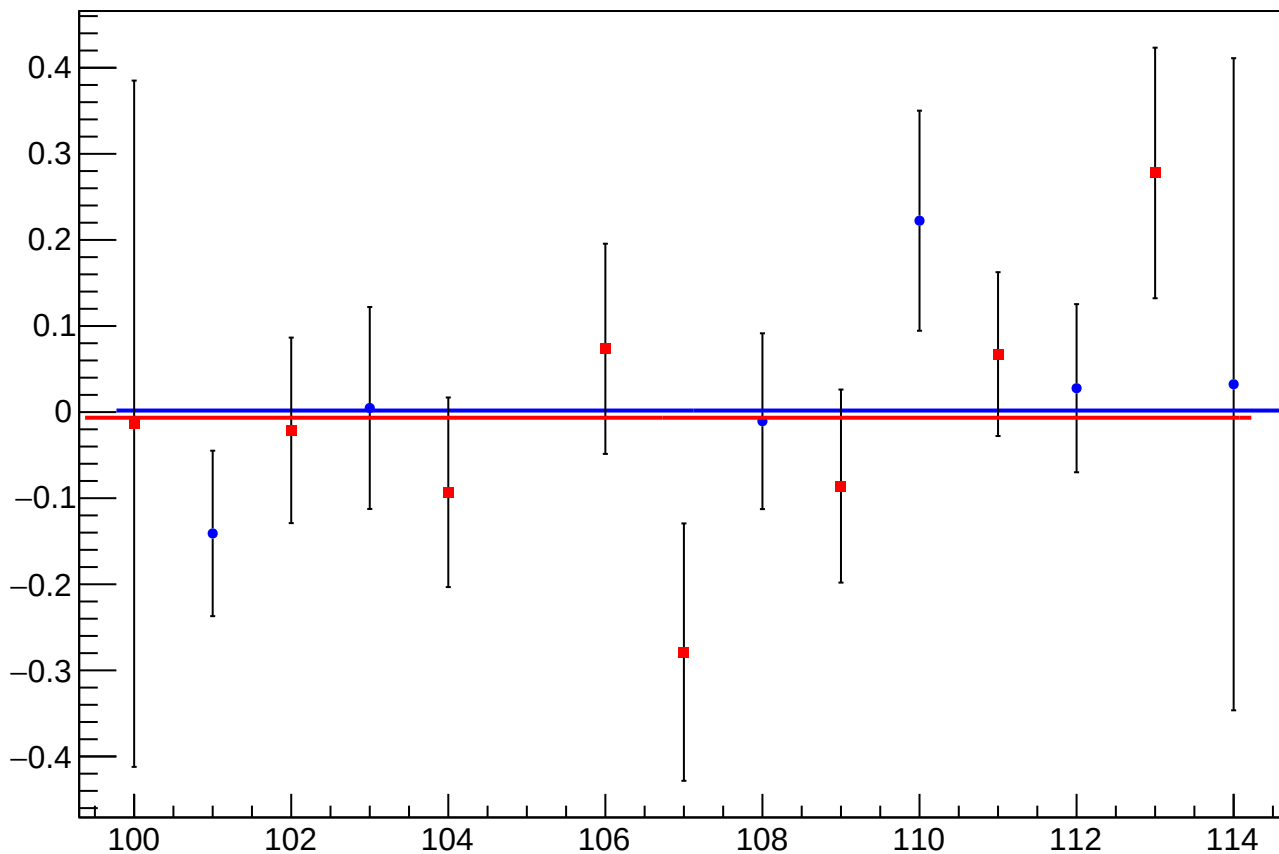
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 74.301 $\pm$ 0.023 χ^2 /NDF: 225893.3/13

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

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.047 χ^2 /NDF: 5.3/5

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

Right Out: -0.007 $\pm$ 0.044 χ^2 /NDF: 9.3/7

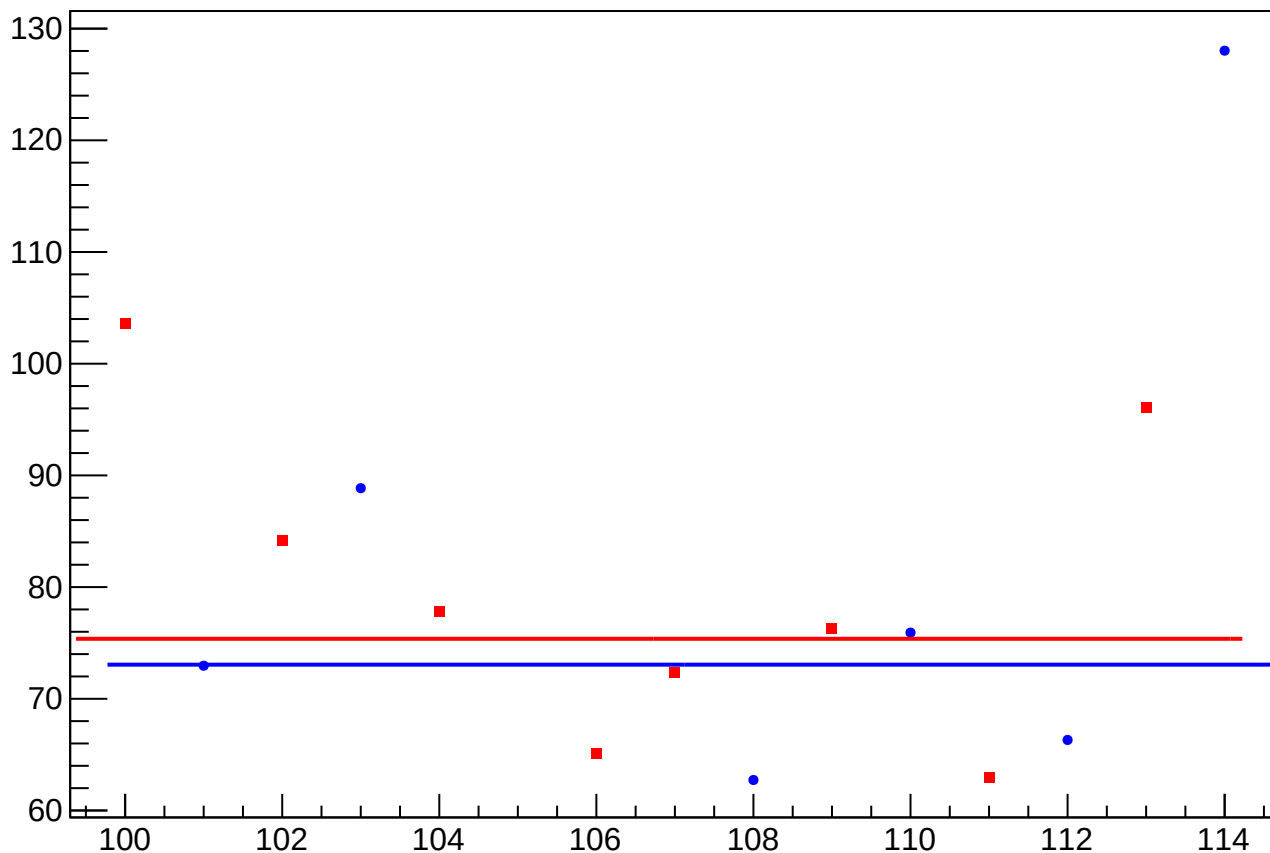
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.003 $\pm$ 0.032 χ^2 /NDF: 14.6/13

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

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.054+/-0.033 χ^2/NDF : 109401.0/5

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

Right Out: 75.372+/-0.031 χ^2/NDF : 113893.4/7

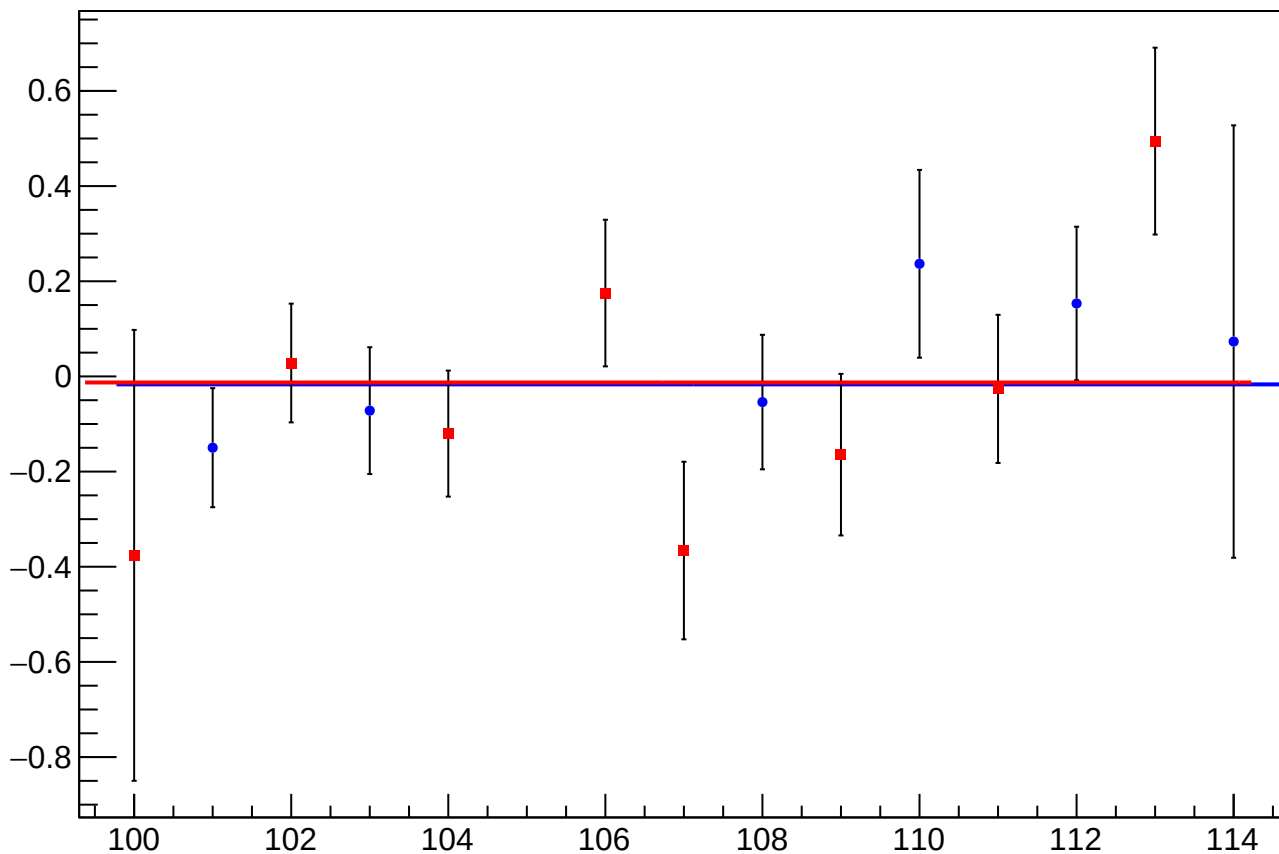
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

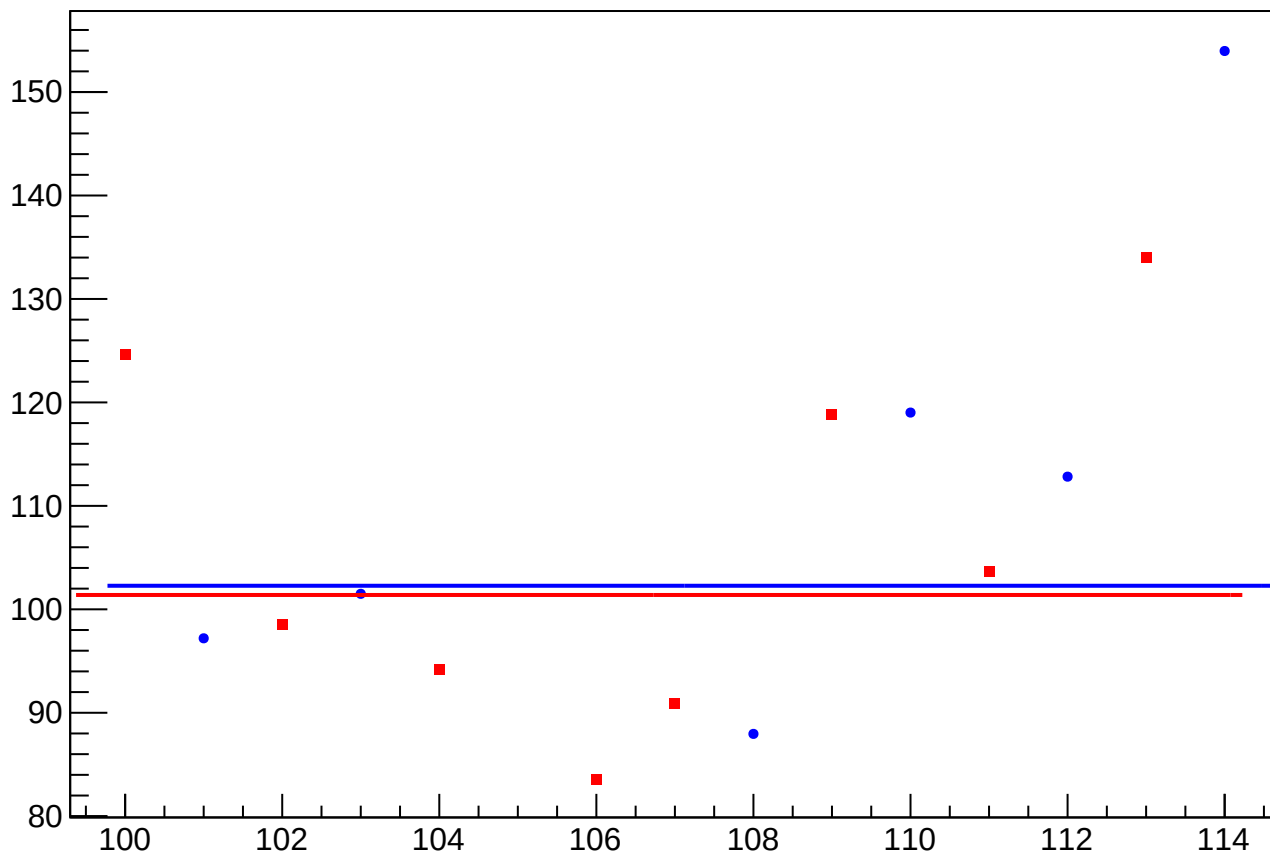
All: 74.301+/-0.023 χ^2/NDF : 225893.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 102.278+/-0.046 χ^2/NDF : 72705.7/5

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

Right Out: 101.387+/-0.041 χ^2/NDF : 121586.1/7

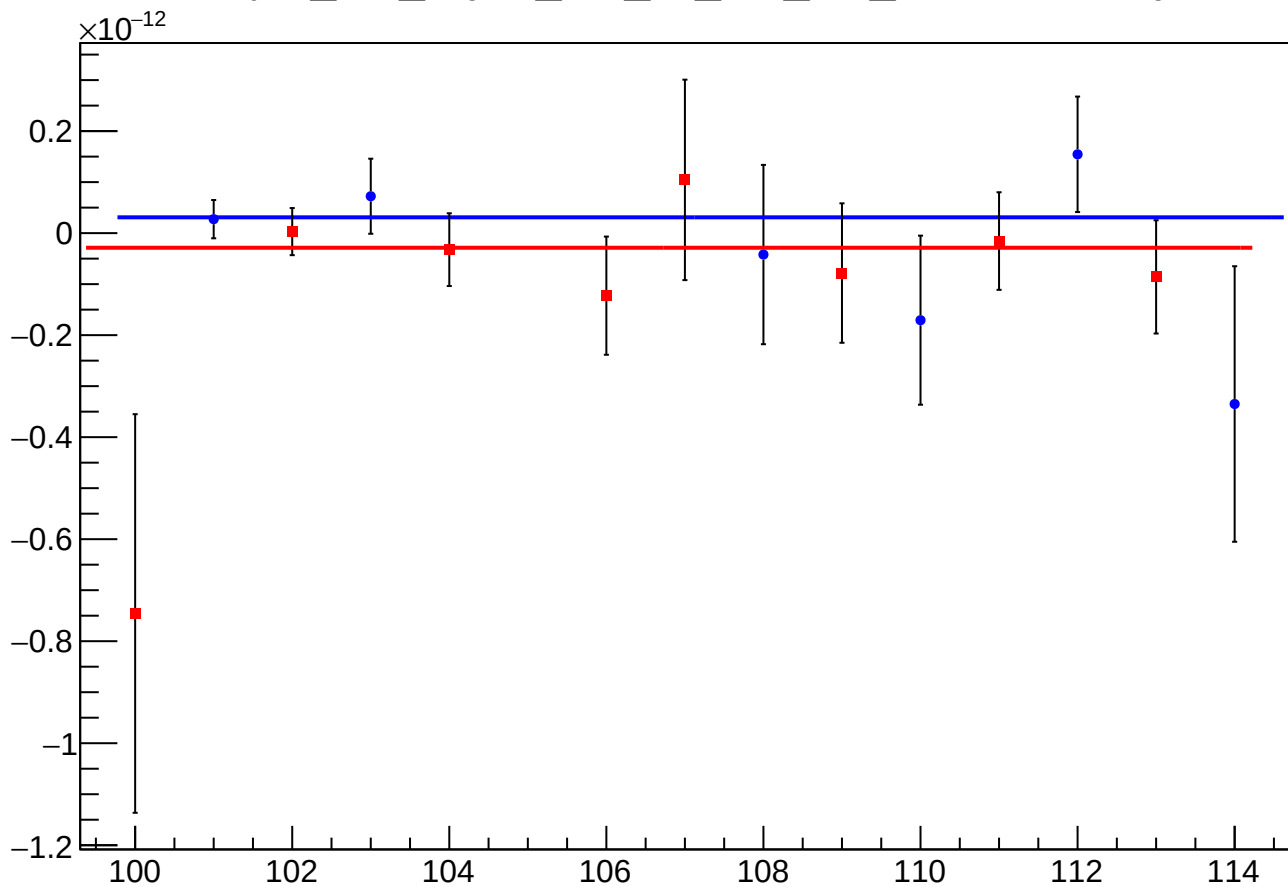
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.784+/-0.030 χ^2/NDF : 194502.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/5

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/7

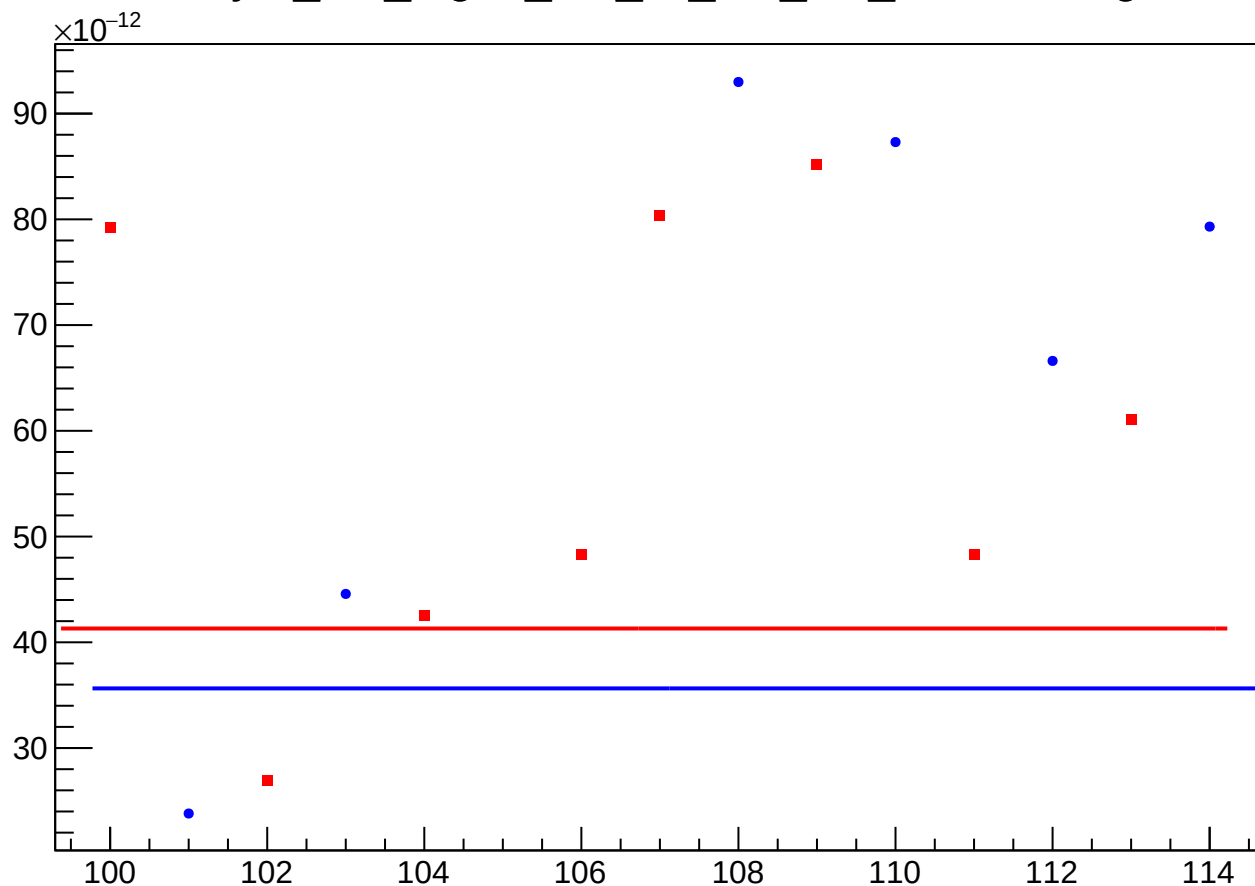
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/13

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

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 837718.5/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 579567.4/7

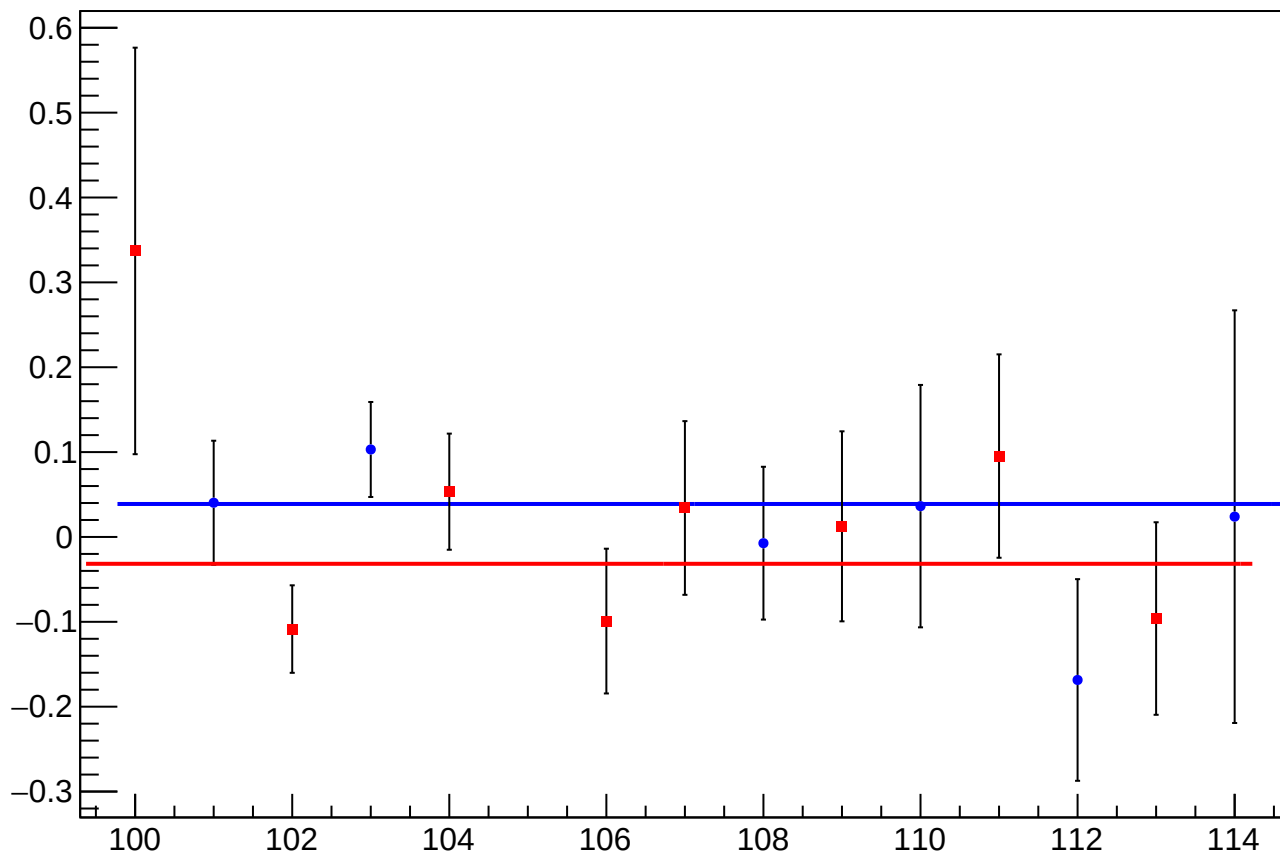
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1450515.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.036 χ^2 /NDF: 4.6/5

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

Right Out: -0.032 $\pm$ 0.031 χ^2 /NDF: 8.8/7

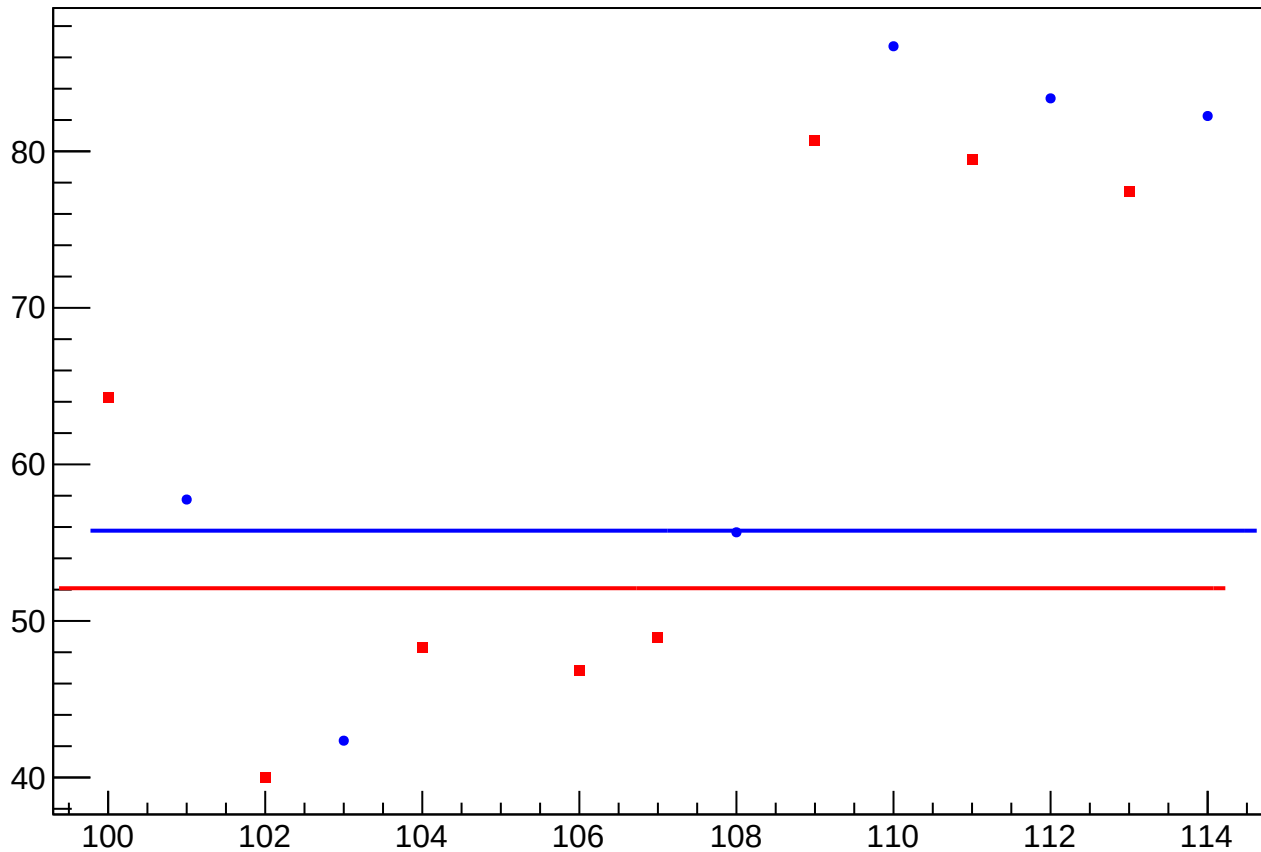
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.002 $\pm$ 0.023 χ^2 /NDF: 15.6/13

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

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 55.766+/-0.026 χ^2/NDF : 342038.7/5

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

Right Out: 52.090+/-0.022 χ^2/NDF : 465148.0/7

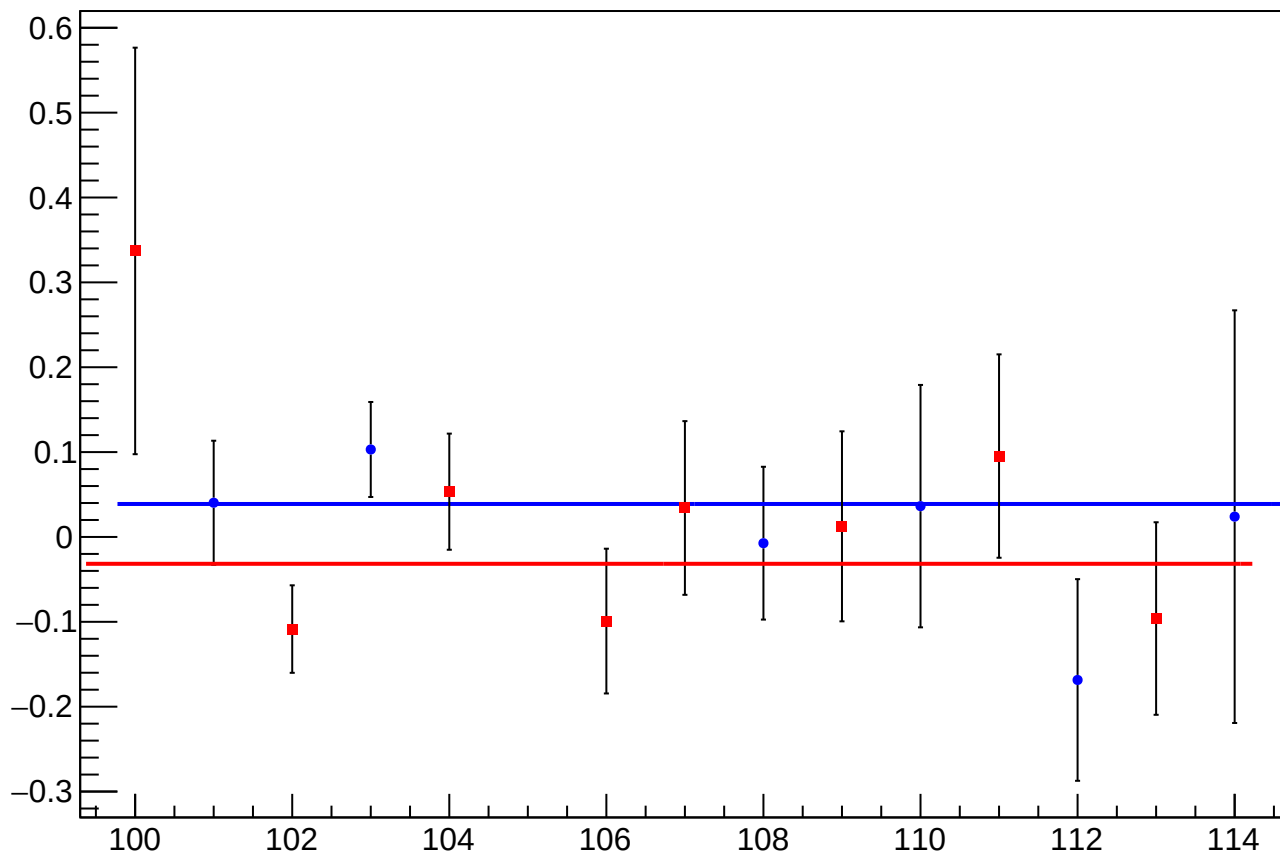
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.627+/-0.017 χ^2/NDF : 819246.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.036 χ^2 /NDF: 4.6/5

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

Right Out: -0.032 $\pm$ 0.031 χ^2 /NDF: 8.8/7

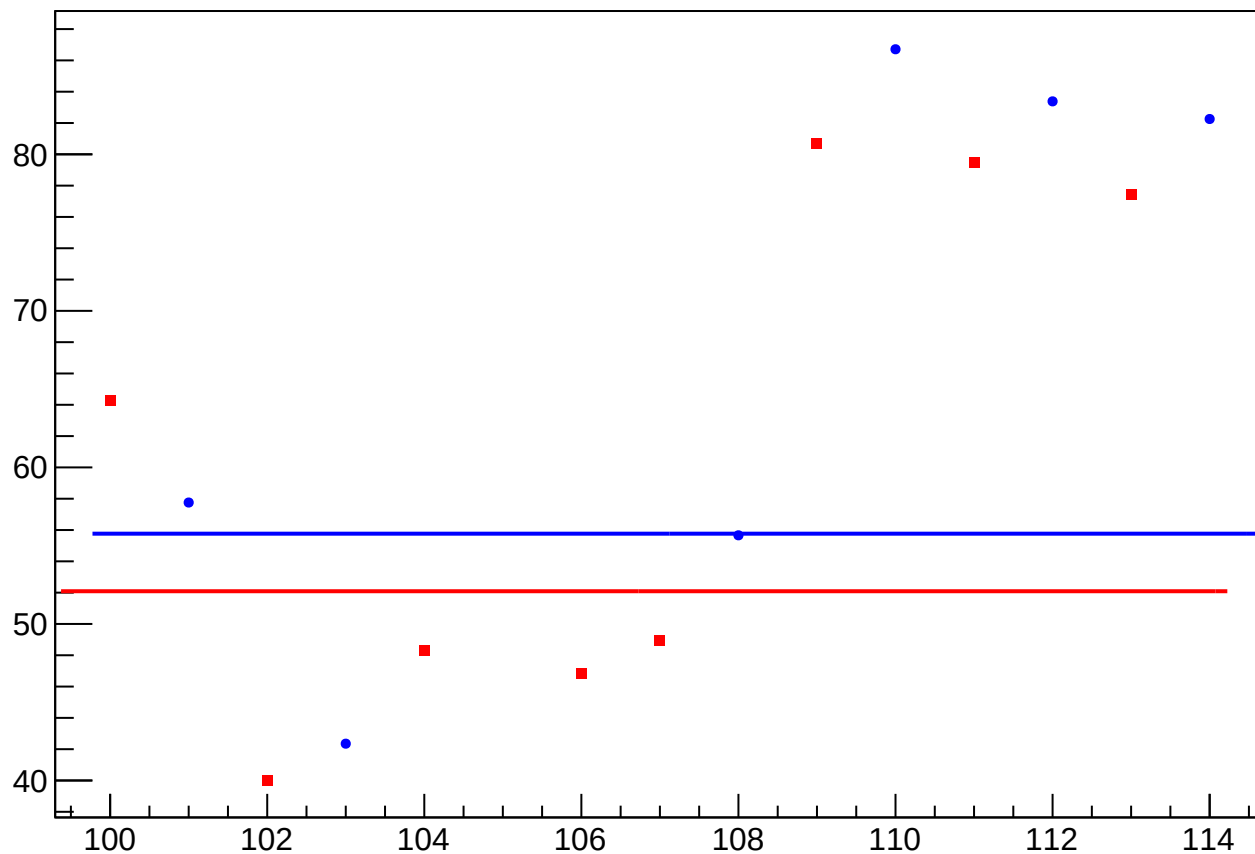
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.002 $\pm$ 0.023 χ^2 /NDF: 15.6/13

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

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 55.766+/-0.026 χ^2/NDF : 342038.7/5

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

Right Out: 52.090+/-0.022 χ^2/NDF : 465148.0/7

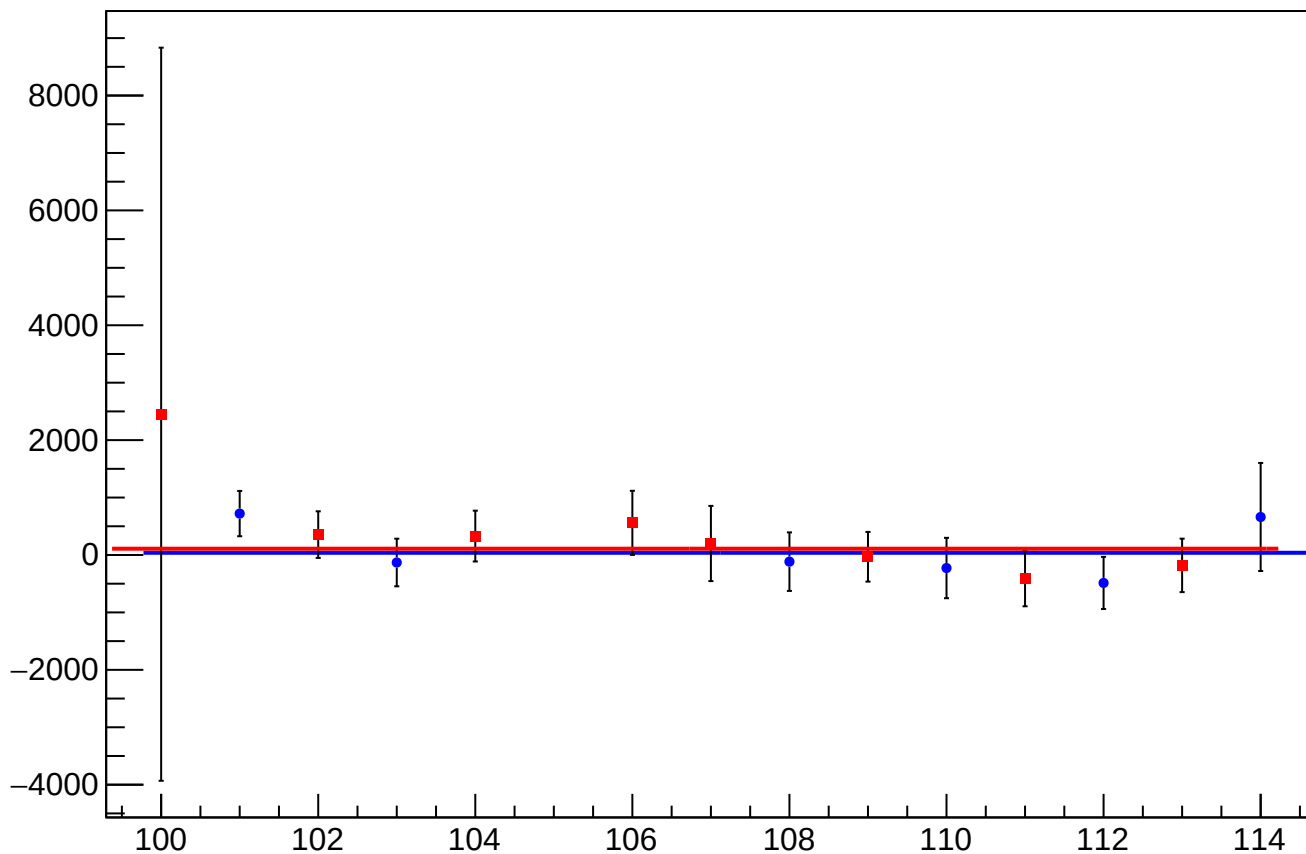
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.627+/-0.017 χ^2/NDF : 819246.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_mean vs Slug



Right In: 38.451+/-197.259 χ^2/NDF : 5.3/5

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

Right Out: 109.398+/-179.608 χ^2/NDF : 3.1/7

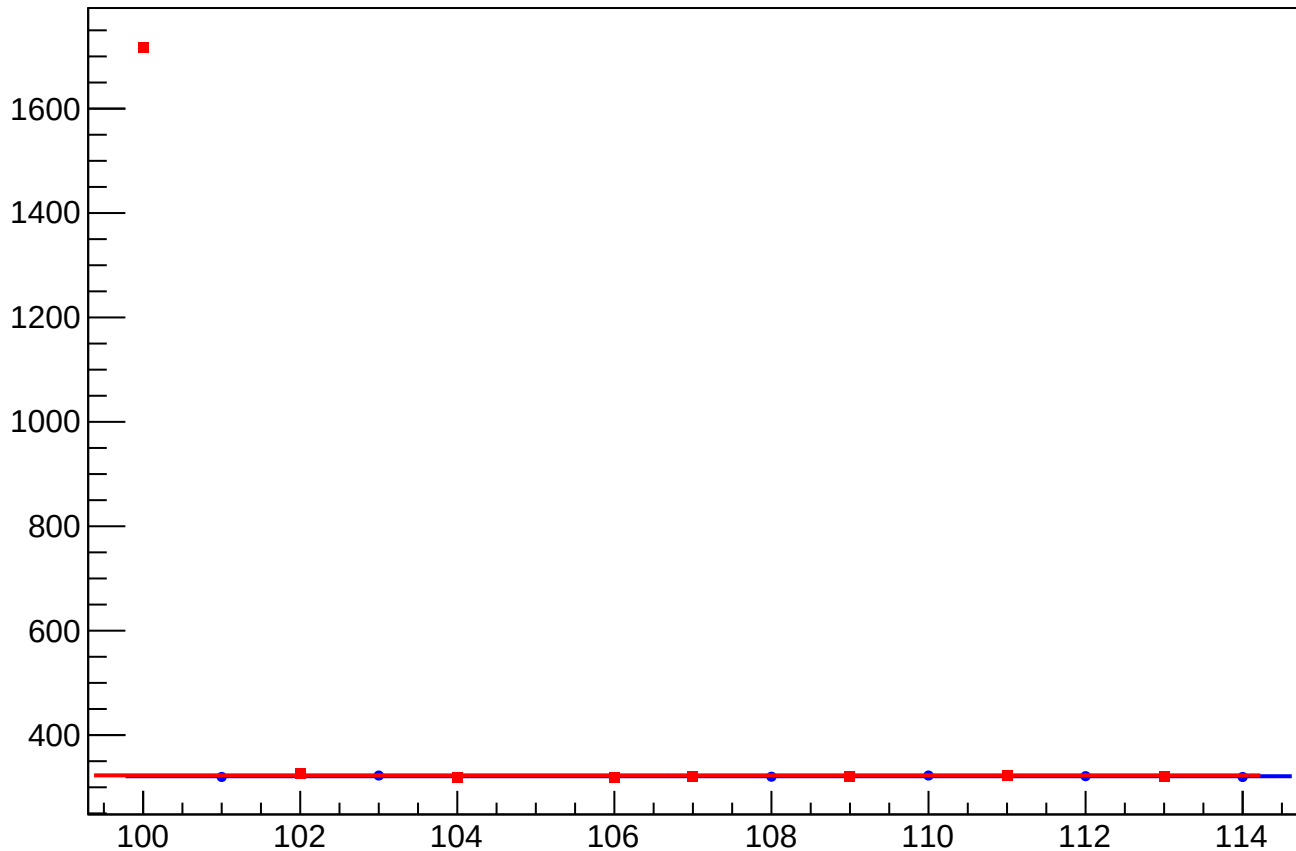
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.240+/-132.805 χ^2/NDF : 8.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_rms vs Slug



Right In: 321.160 $\pm$ 0.139 χ^2 /NDF: 71.3/5

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

Right Out: 322.870 $\pm$ 0.127 χ^2 /NDF: 96185.5/7

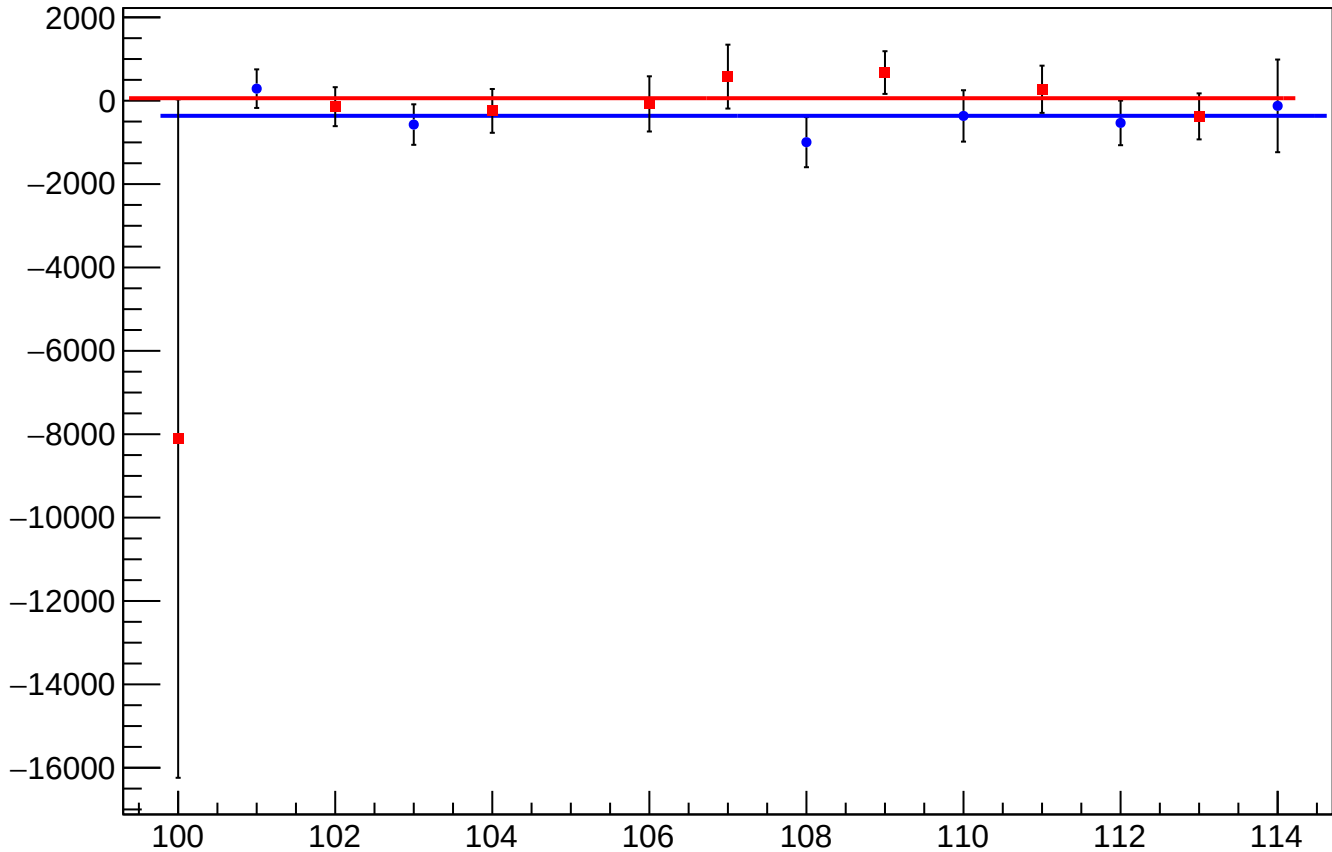
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 322.095 $\pm$ 0.094 χ^2 /NDF: 96338.9/13

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

asym_dsr_mean vs Slug



Right In: -362.444 ± 231.847 χ^2/NDF : 3.4/5

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

Right Out: 59.877 ± 211.214 χ^2/NDF : 4.2/7

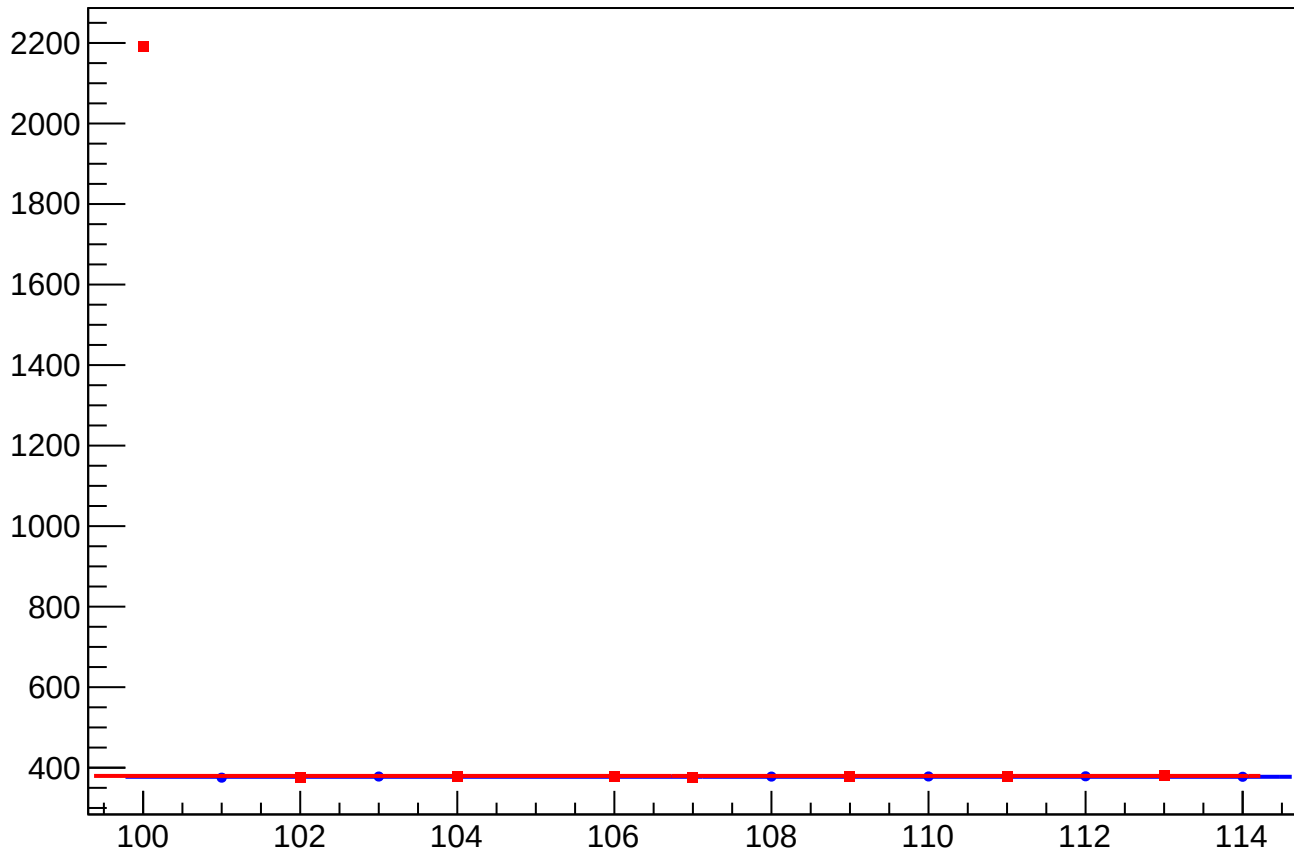
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -131.659 ± 156.137 χ^2/NDF : 9.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_dsr_rms vs Slug



Right In: 377.452 $\pm$ 0.164 χ^2 /NDF: 62.9/5

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

Right Out: 379.586 $\pm$ 0.149 χ^2 /NDF: 99167.5/7

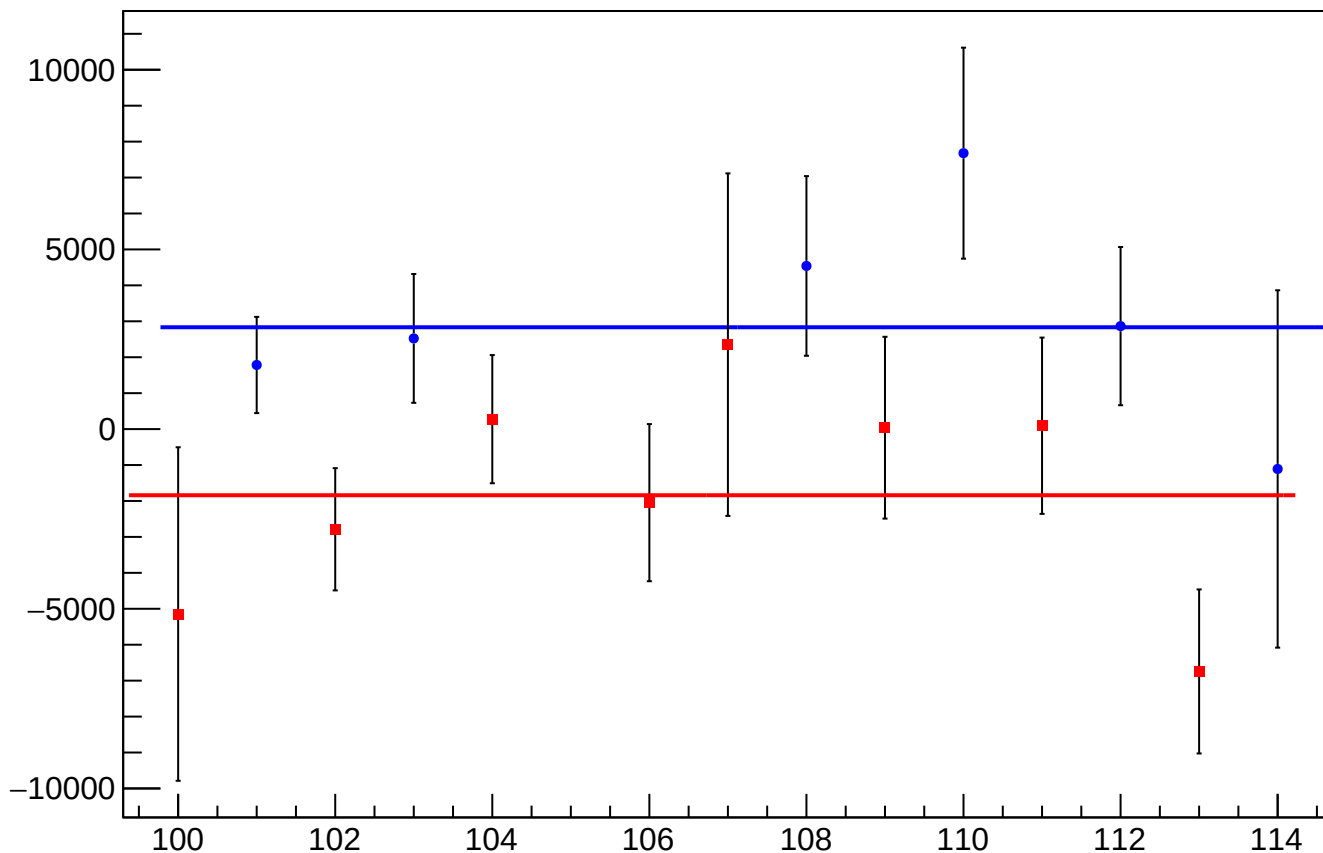
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 378.619 $\pm$ 0.110 χ^2 /NDF: 99322.9/13

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

asym_us_agg_avg_mean vs Slug



Right In: 2834.407 $\pm$ 847.730 χ^2/NDF : 4.5/5

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

Right Out: -1840.483 $\pm$ 823.634 χ^2/NDF : 8.8/7

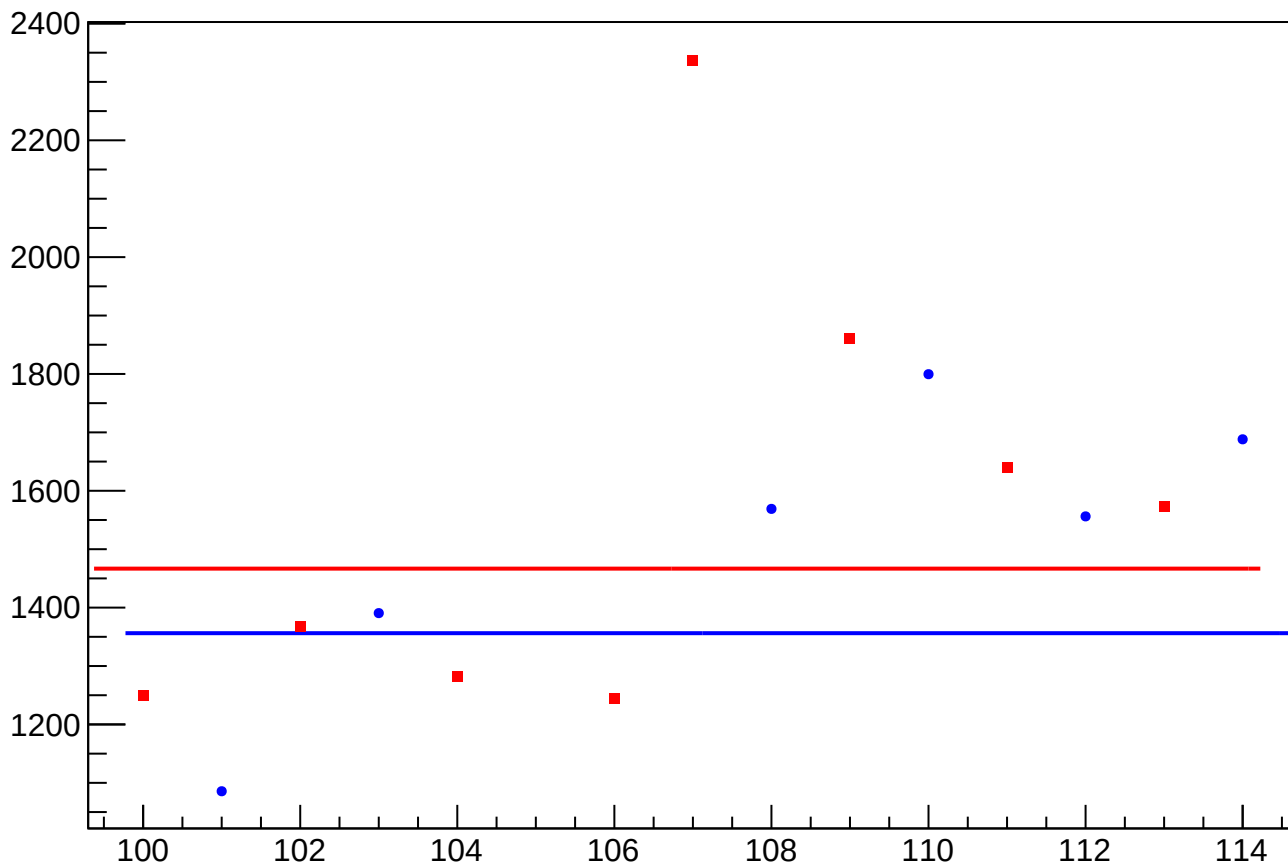
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 429.580 $\pm$ 590.732 χ^2/NDF : 28.9/13

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

asym_us_agg_avg_rms vs Slug



Right In: 1356.220+/-0.599 χ^2/NDF : 167900.6/5

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

Right Out: 1466.737+/-0.582 χ^2/NDF : 182624.0/7

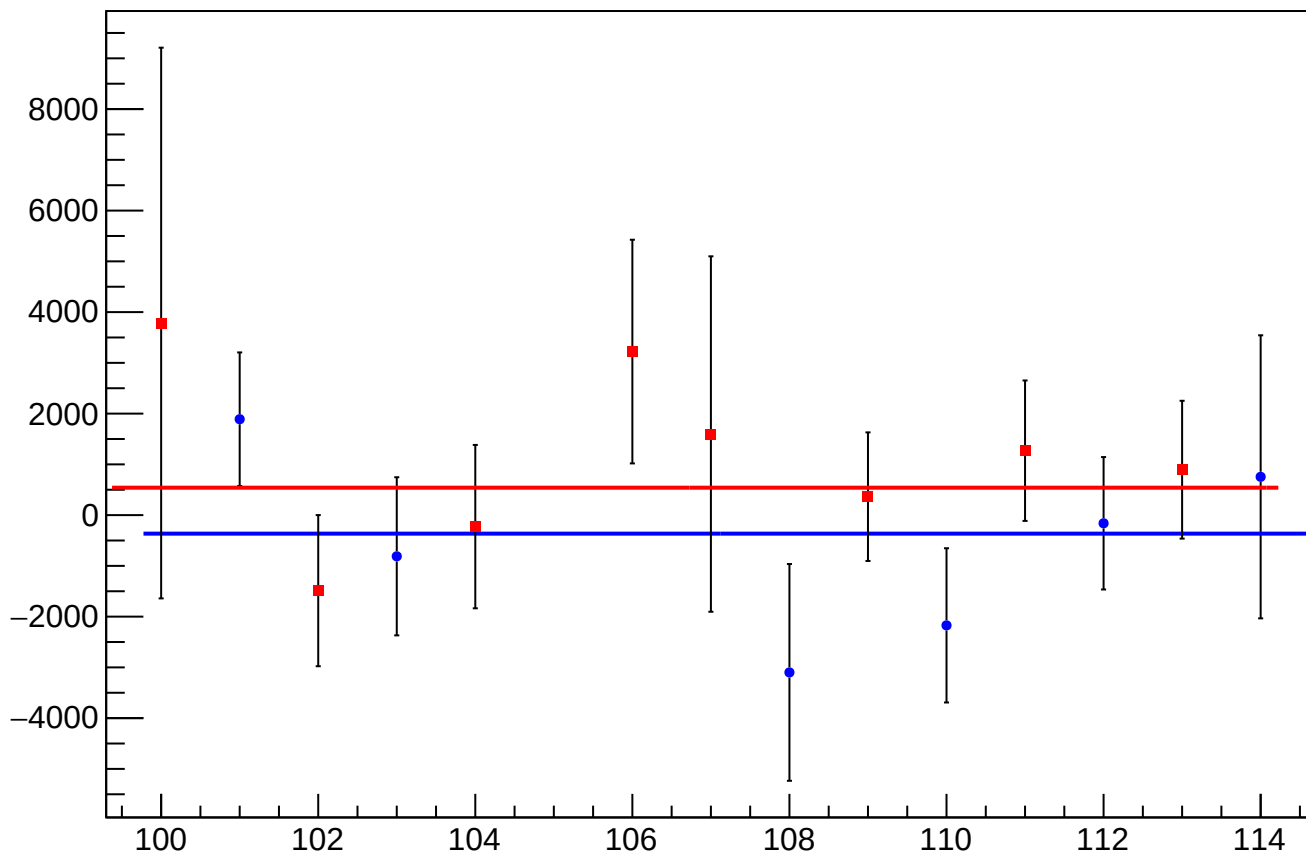
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.071+/-0.418 χ^2/NDF : 368010.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



Right In: -364.712+/-651.138 χ^2/NDF : 6.3/5

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

Right Out: 540.630+/-592.678 χ^2/NDF : 4.4/7

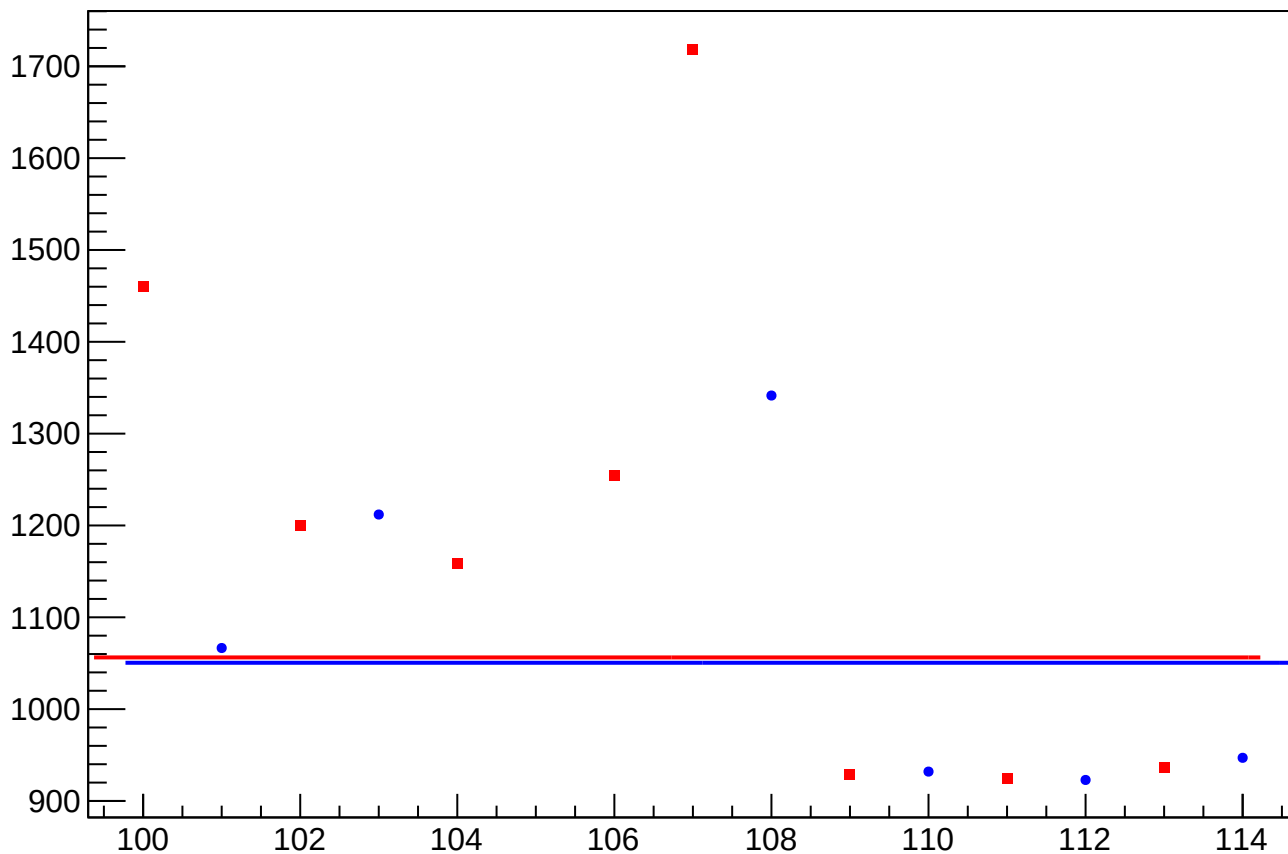
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.417+/-438.300 χ^2/NDF : 11.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1050.483 $\pm$ 0.460 χ^2 /NDF: 92986.1/5

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

Right Out: 1056.305 $\pm$ 0.419 χ^2 /NDF: 179149.3/7

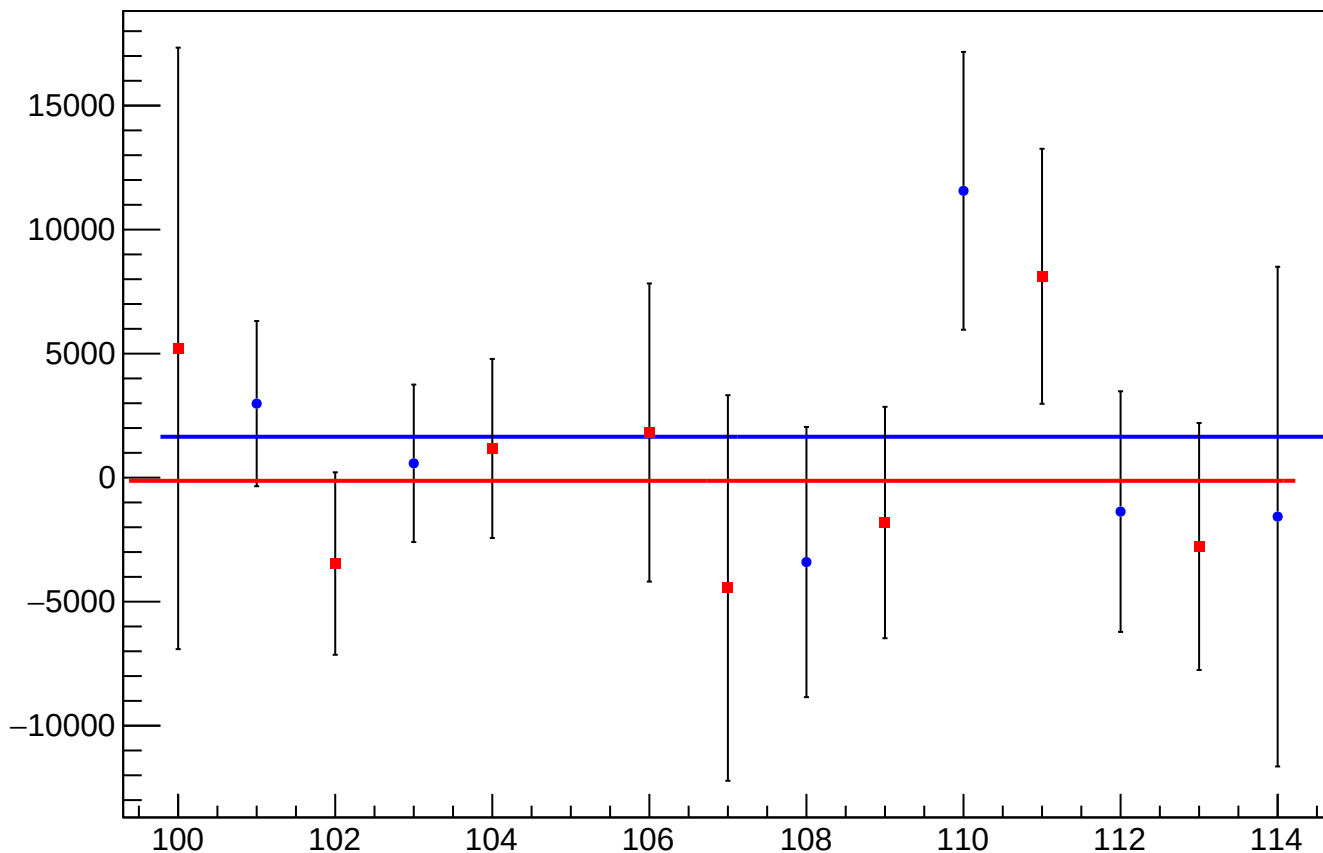
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1053.667 $\pm$ 0.310 χ^2 /NDF: 272222.8/13

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

reg_asym_atl1_mean vs Slug



Right In: 1648.739 $\pm$ 1803.768 χ^2 /NDF: 4.8/5

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

Right Out: -126.868 $\pm$ 1751.928 χ^2 /NDF: 4.5/7

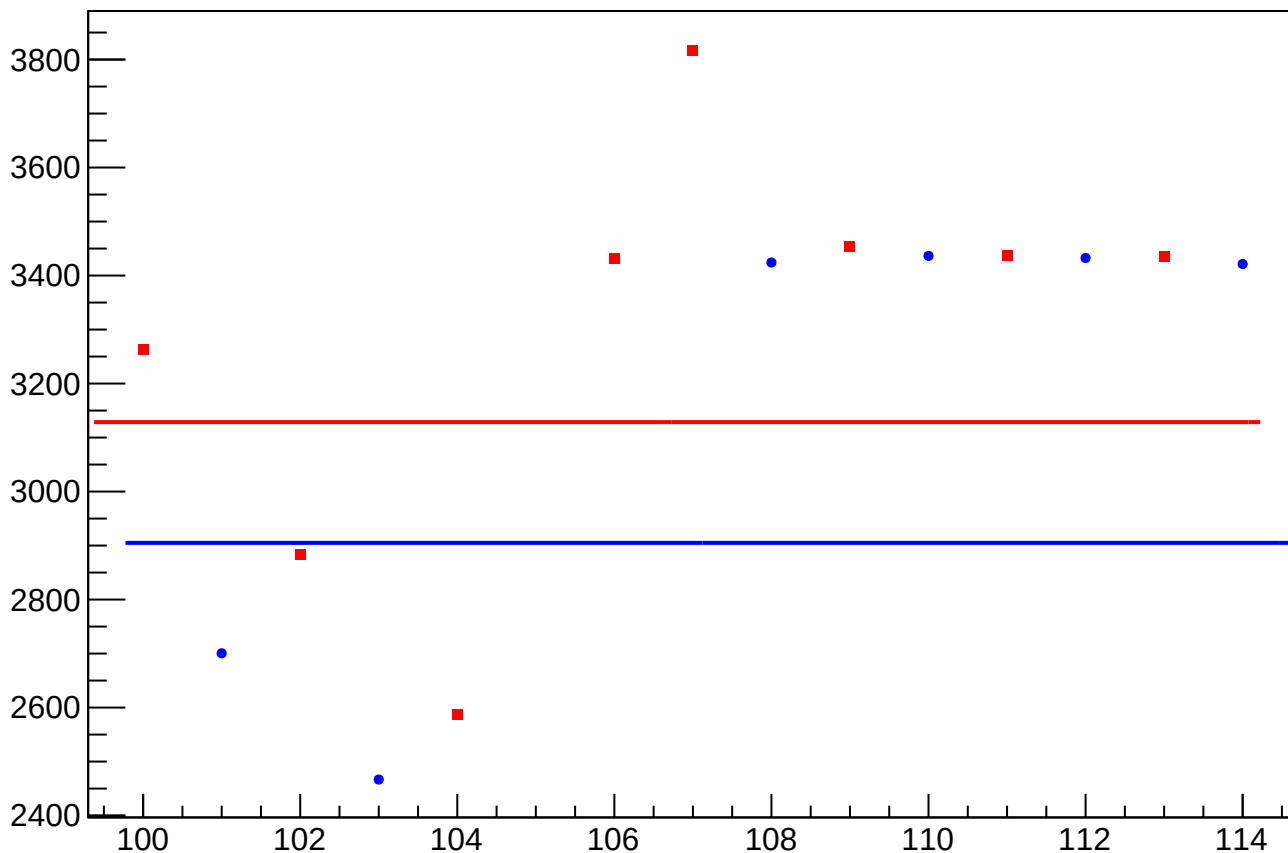
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 735.053 $\pm$ 1256.728 χ^2 /NDF: 9.8/13

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

reg_asym_atl1_rms vs Slug



Right In: 2904.990+/-1.275 χ^2/NDF : 110758.2/5

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

Right Out: 3128.622+/-1.239 χ^2/NDF : 99246.1/7

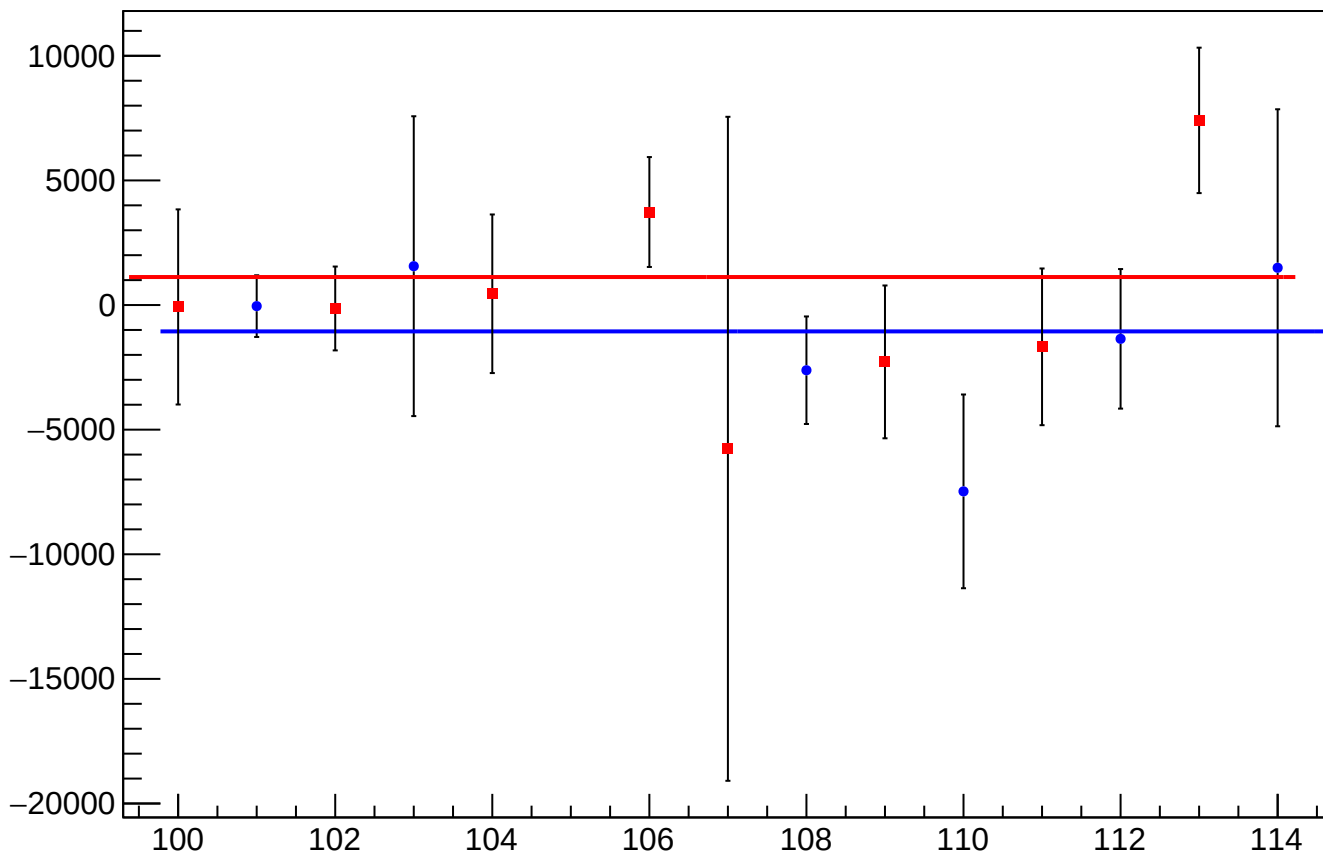
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3020.066+/-0.889 χ^2/NDF : 225823.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_mean vs Slug



Right In: -1057.541+/-947.462 χ^2/NDF : 4.3/5

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

Right Out: 1123.807+/-974.146 χ^2/NDF : 9.0/7

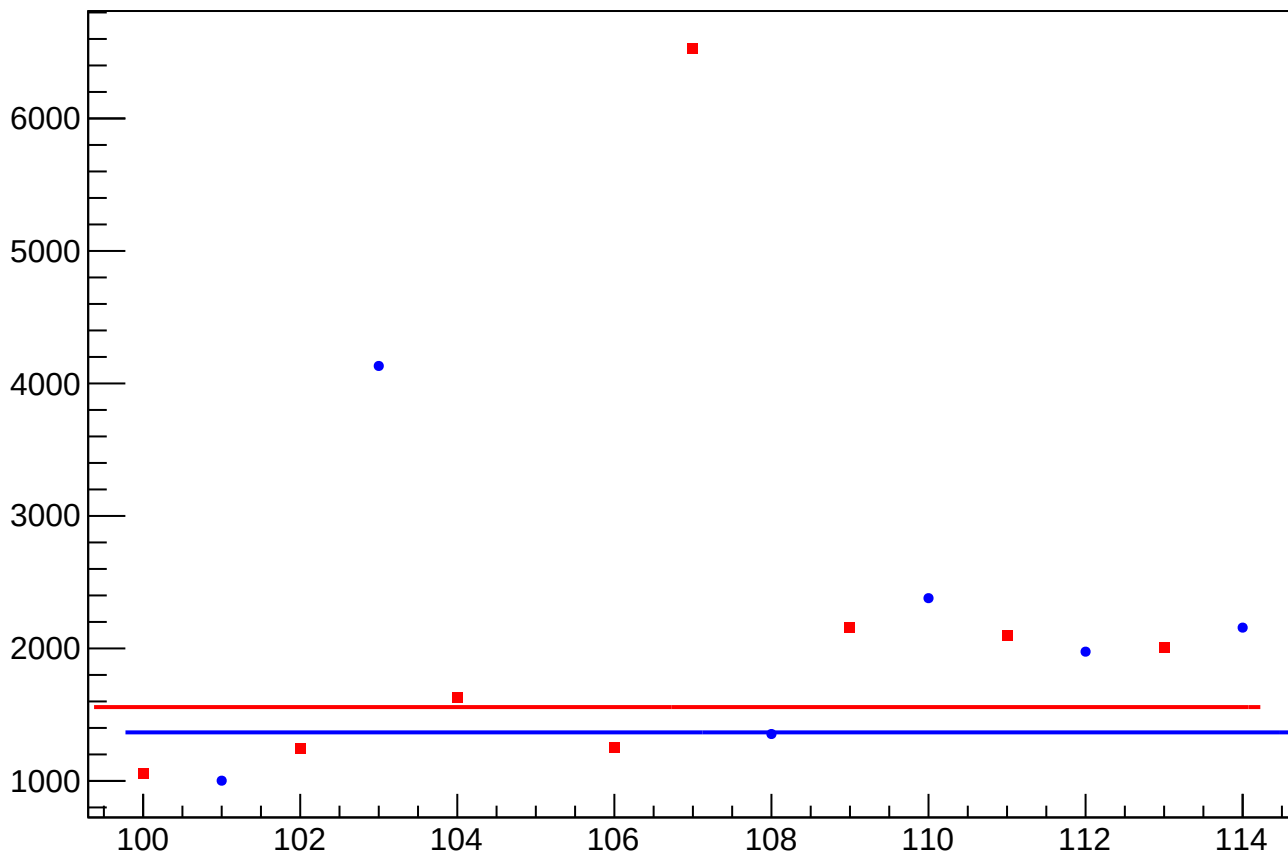
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.848+/-679.194 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1366.500+/-0.670 χ^2/NDF : 857885.1/5

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

Right Out: 1557.417+/-0.689 χ^2/NDF : 605184.7/7

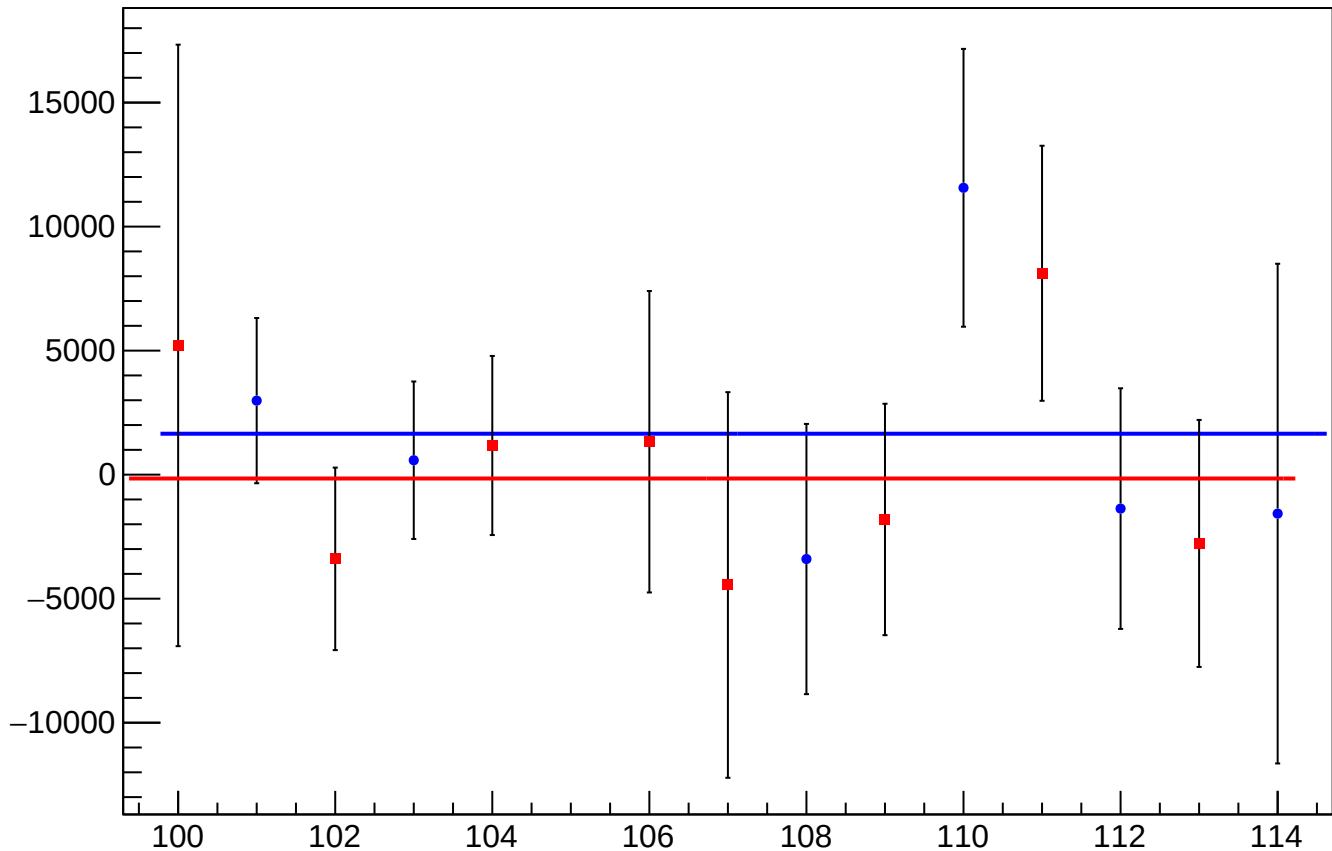
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.308+/-0.480 χ^2/NDF : 1502546.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_mean vs Slug



Right In: 1650.122+/-1803.769 χ^2/NDF : 4.8/5

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

Right Out: -155.360+/-1753.621 χ^2/NDF : 4.5/7

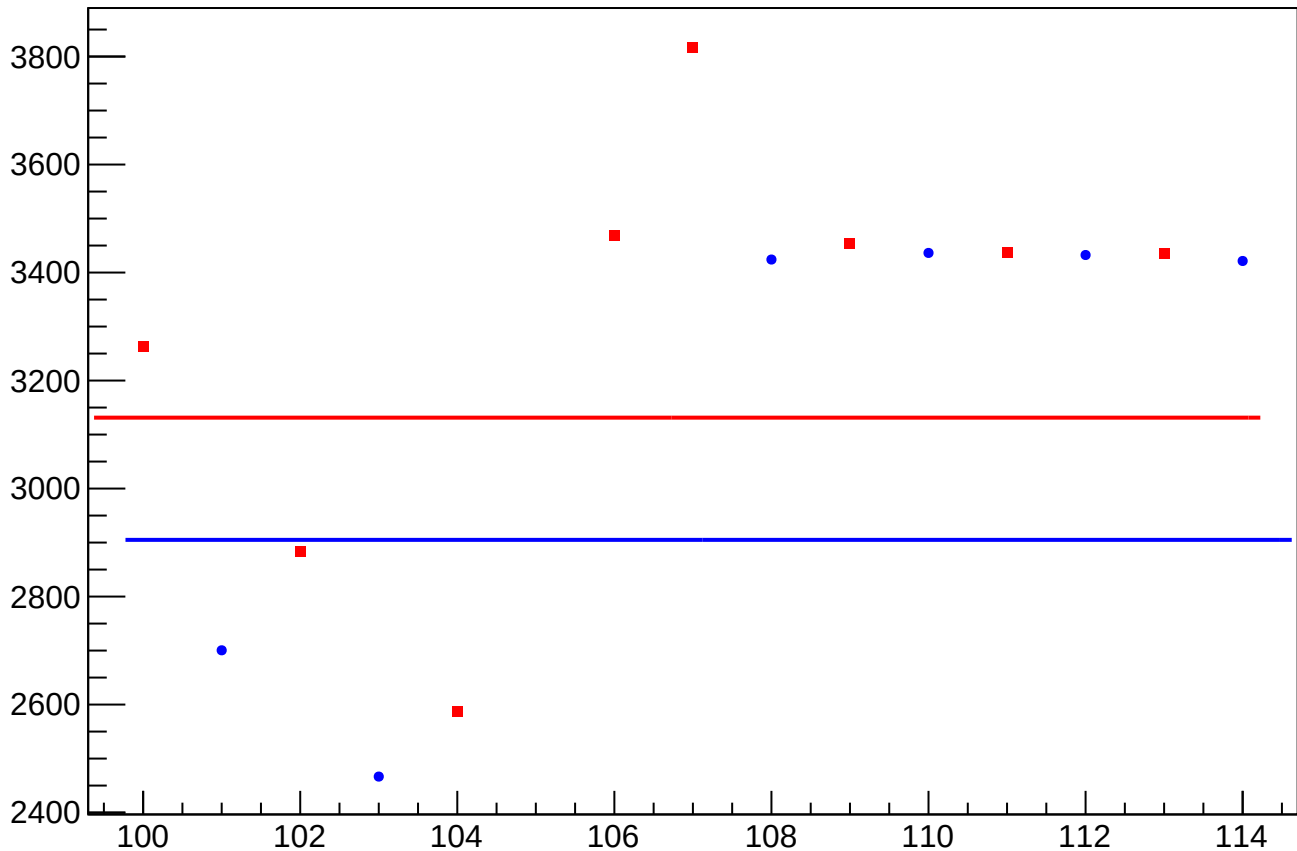
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.934+/-1257.352 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2904.991+/-1.275 χ^2/NDF : 110758.0/5

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

Right Out: 3131.317+/-1.240 χ^2/NDF : 100423.6/7

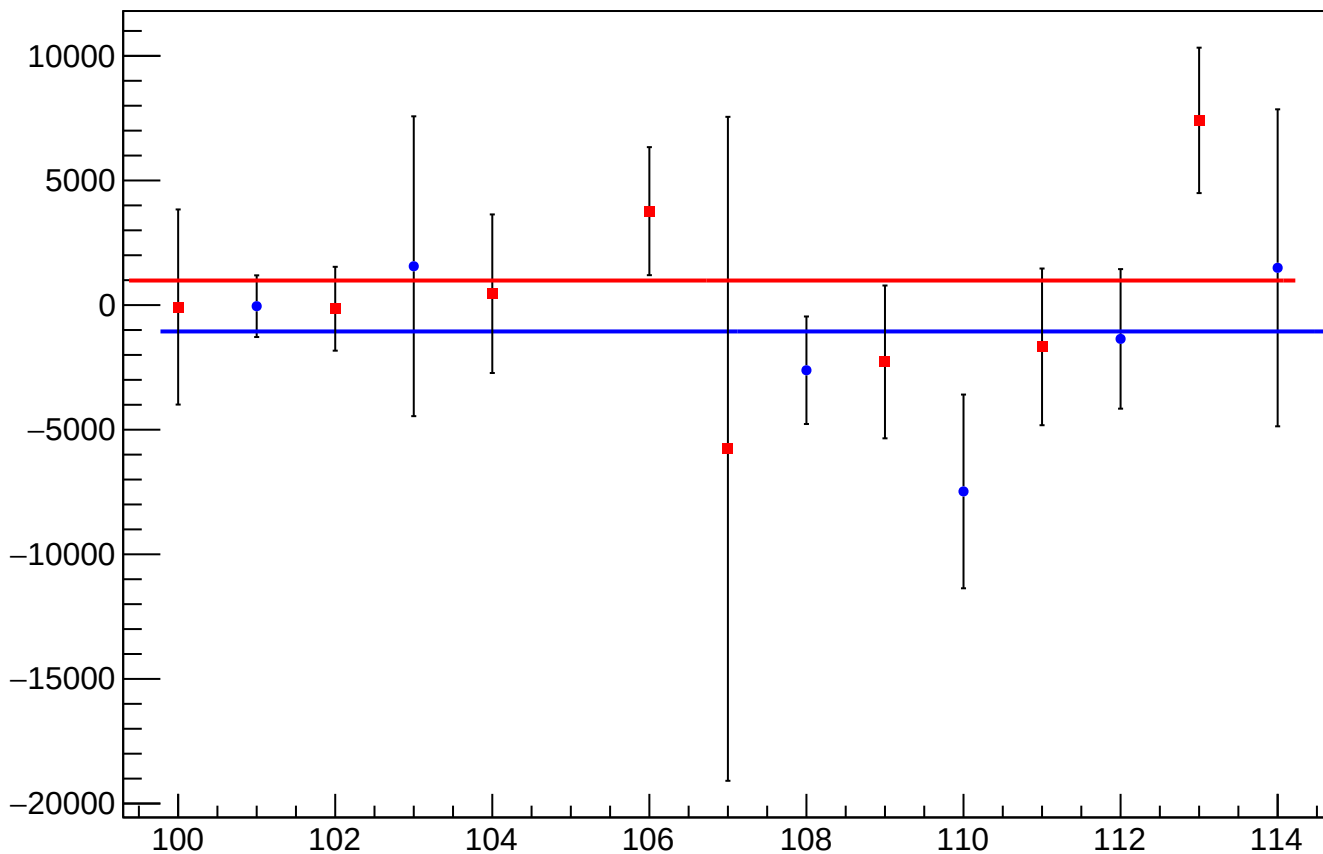
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3021.344+/-0.889 χ^2/NDF : 227369.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_mean vs Slug



Right In: -1057.527 $\pm$ 947.455 χ^2 /NDF: 4.3/5

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

Right Out: 985.903 $\pm$ 1000.188 χ^2 /NDF: 8.7/7

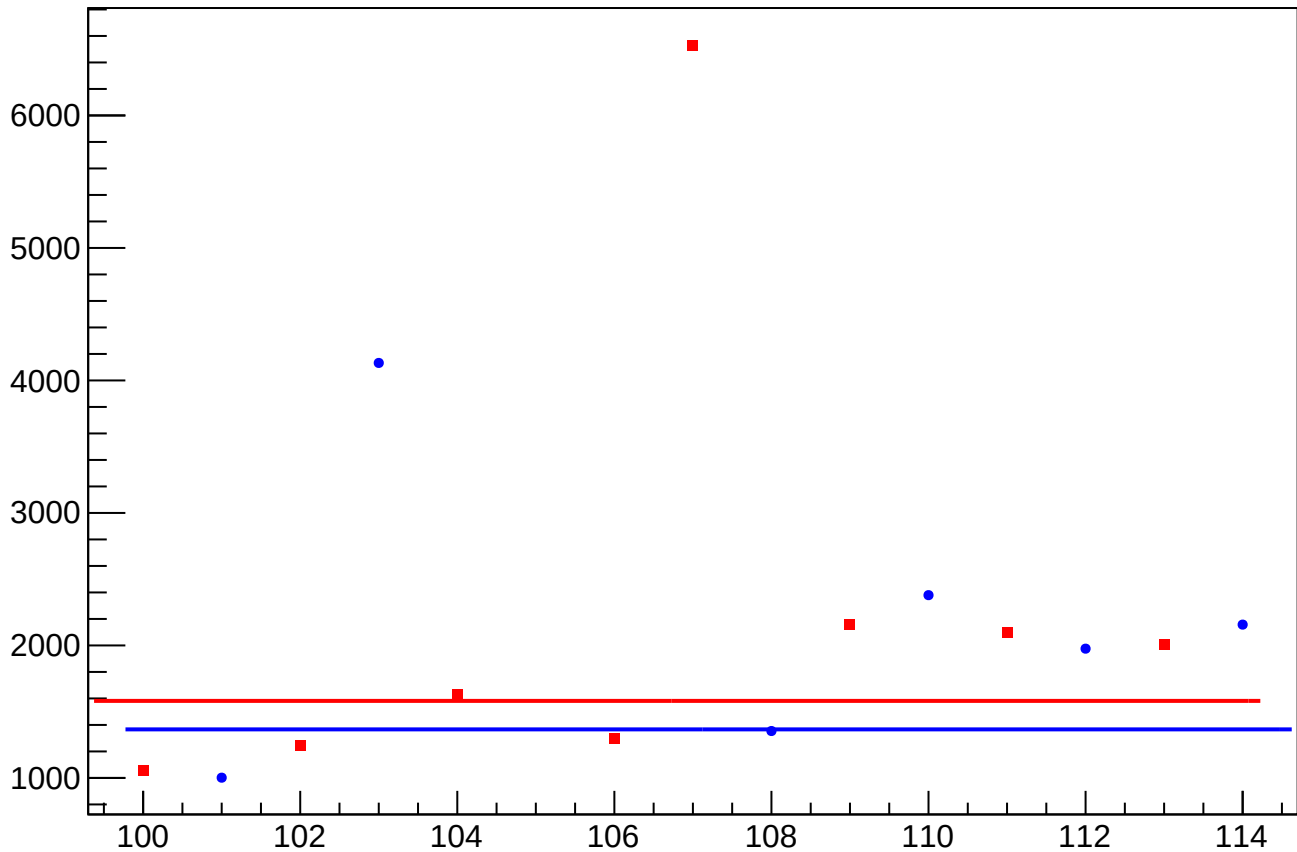
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -91.098 $\pm$ 687.839 χ^2 /NDF: 15.2/13

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

asym_atl1_cor_correction_rms vs Slug



Right In: 1366.481+/-0.670 χ^2/NDF : 857895.3/5

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

Right Out: 1581.484+/-0.707 χ^2/NDF : 585438.1/7

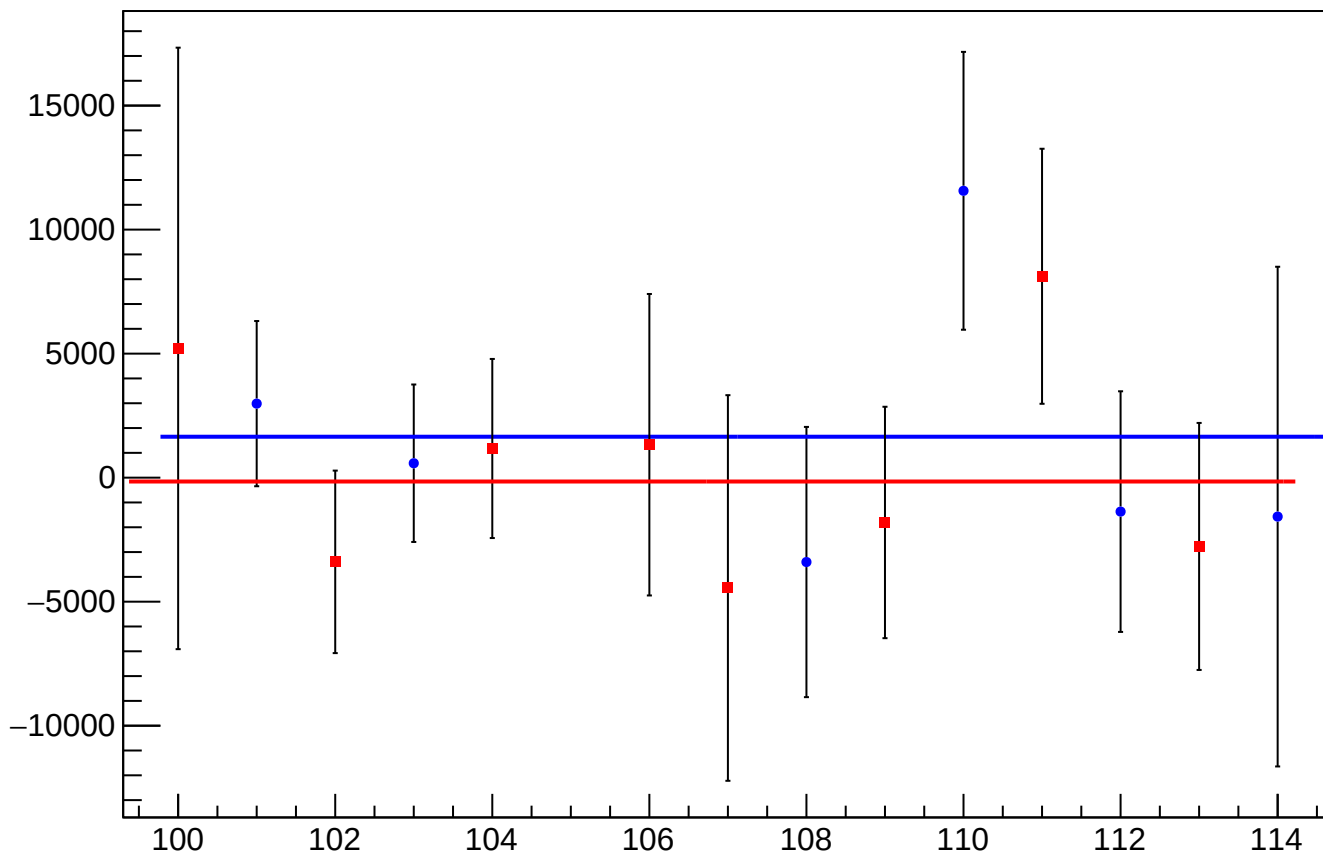
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.166+/-0.486 χ^2/NDF : 1492042.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_mean vs Slug



Right In: 1650.122 $\pm$ 1803.769 χ^2 /NDF: 4.8/5

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

Right Out: -155.360 $\pm$ 1753.621 χ^2 /NDF: 4.5/7

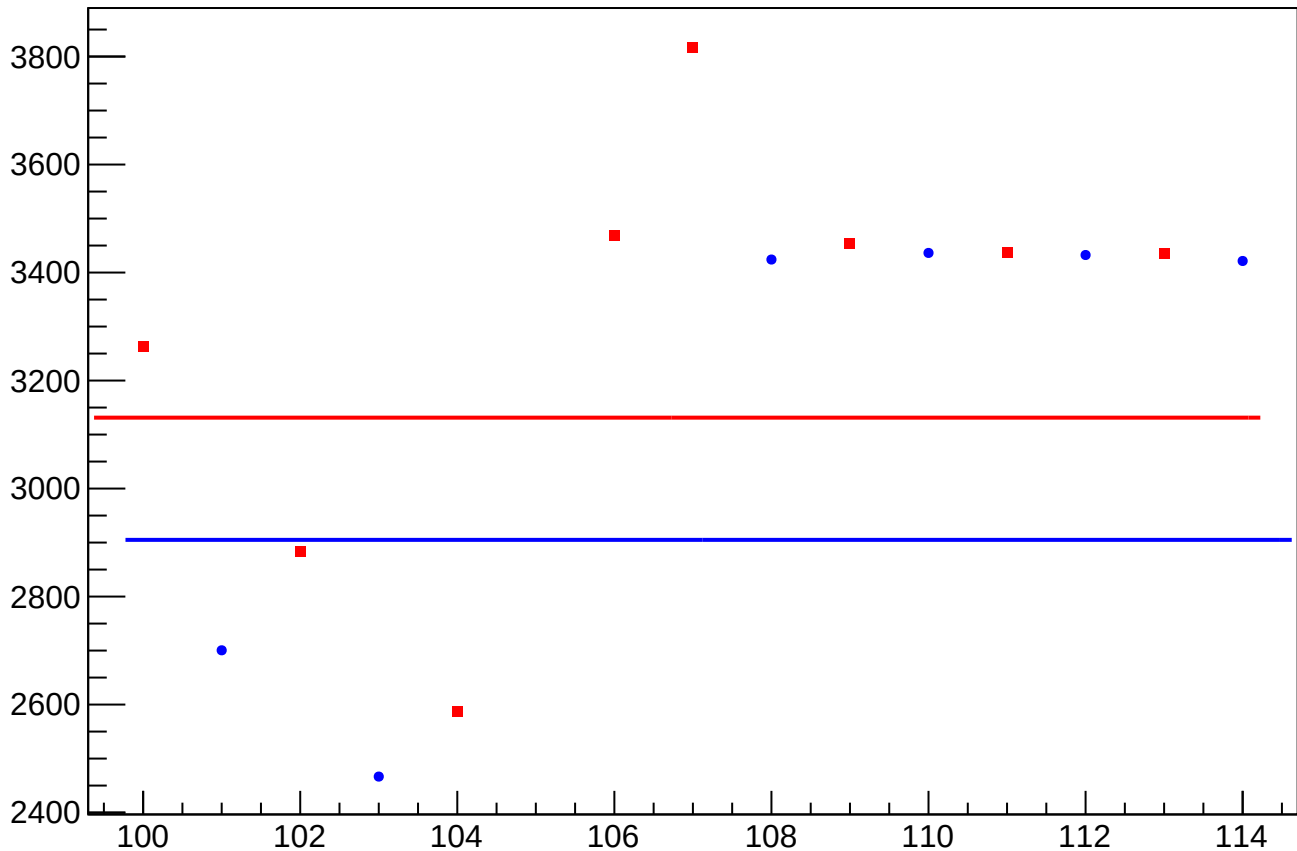
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 721.934 $\pm$ 1257.352 χ^2 /NDF: 9.7/13

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

eigen_cor_asym_atl1_rms vs Slug



Right In: 2904.991+/-1.275 χ^2/NDF : 110758.0/5

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

Right Out: 3131.317+/-1.240 χ^2/NDF : 100423.6/7

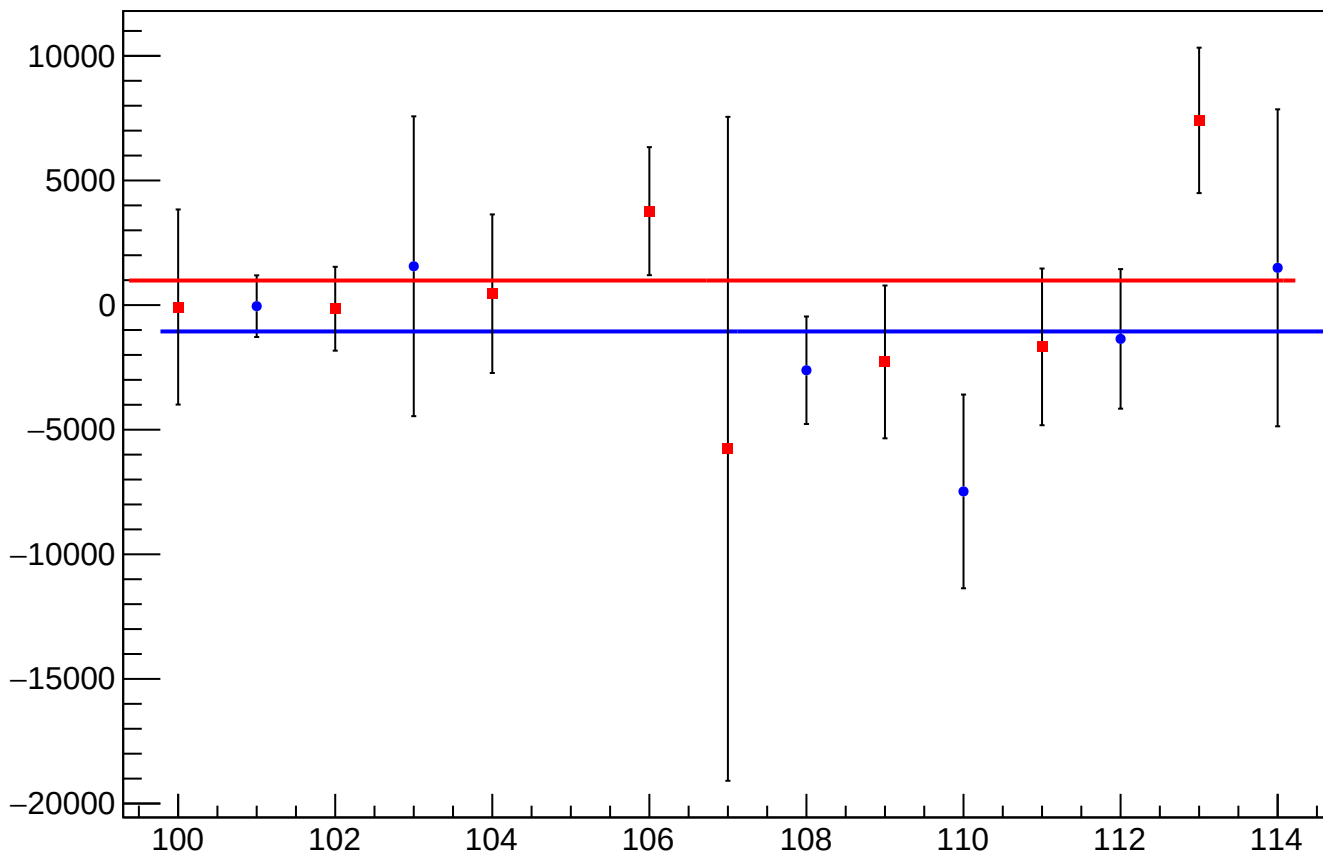
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3021.344+/-0.889 χ^2/NDF : 227369.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: -1057.527 $\pm$ 947.455 χ^2 /NDF: 4.3/5

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

Right Out: 985.903 $\pm$ 1000.188 χ^2 /NDF: 8.7/7

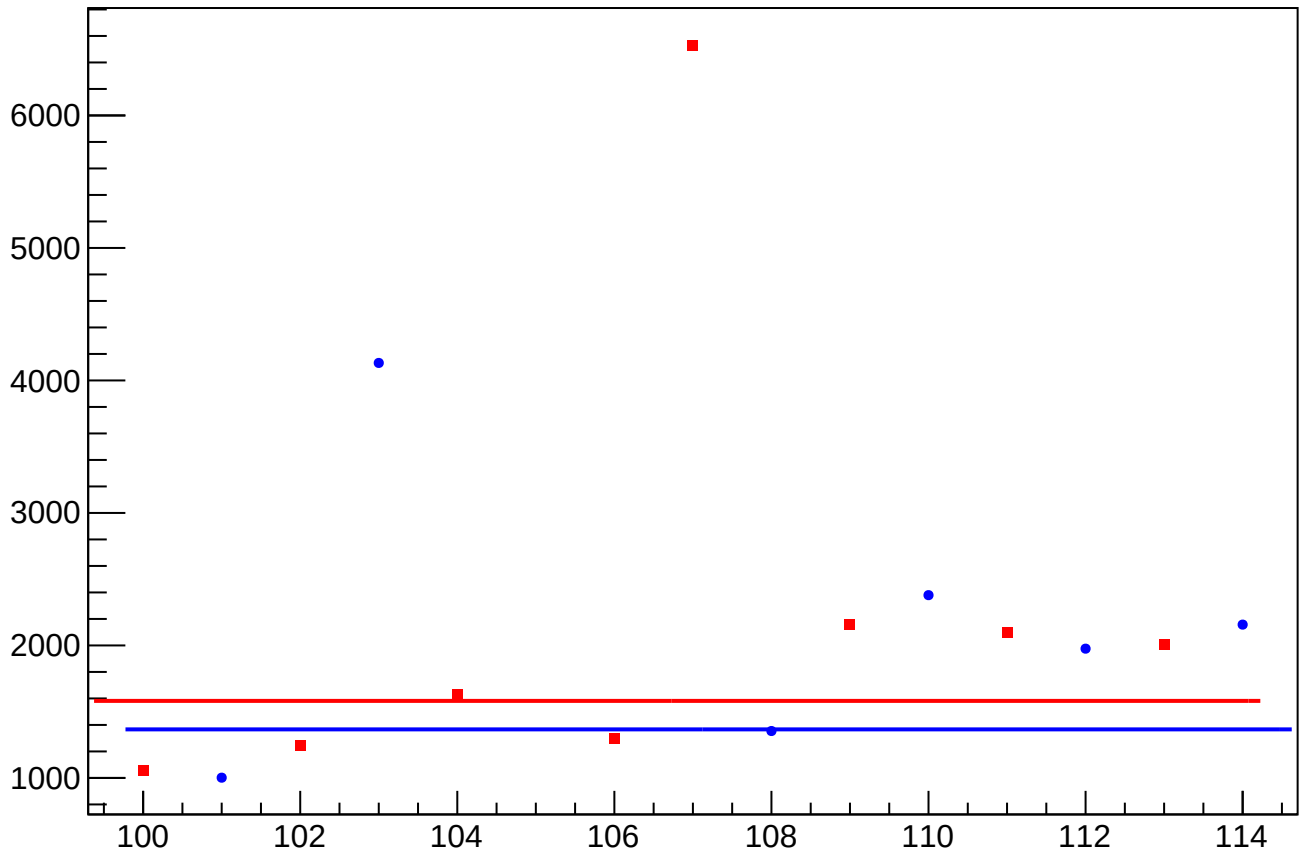
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -91.098 $\pm$ 687.839 χ^2 /NDF: 15.2/13

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

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1366.481+/-0.670 χ^2/NDF : 857895.3/5

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

Right Out: 1581.484+/-0.707 χ^2/NDF : 585438.1/7

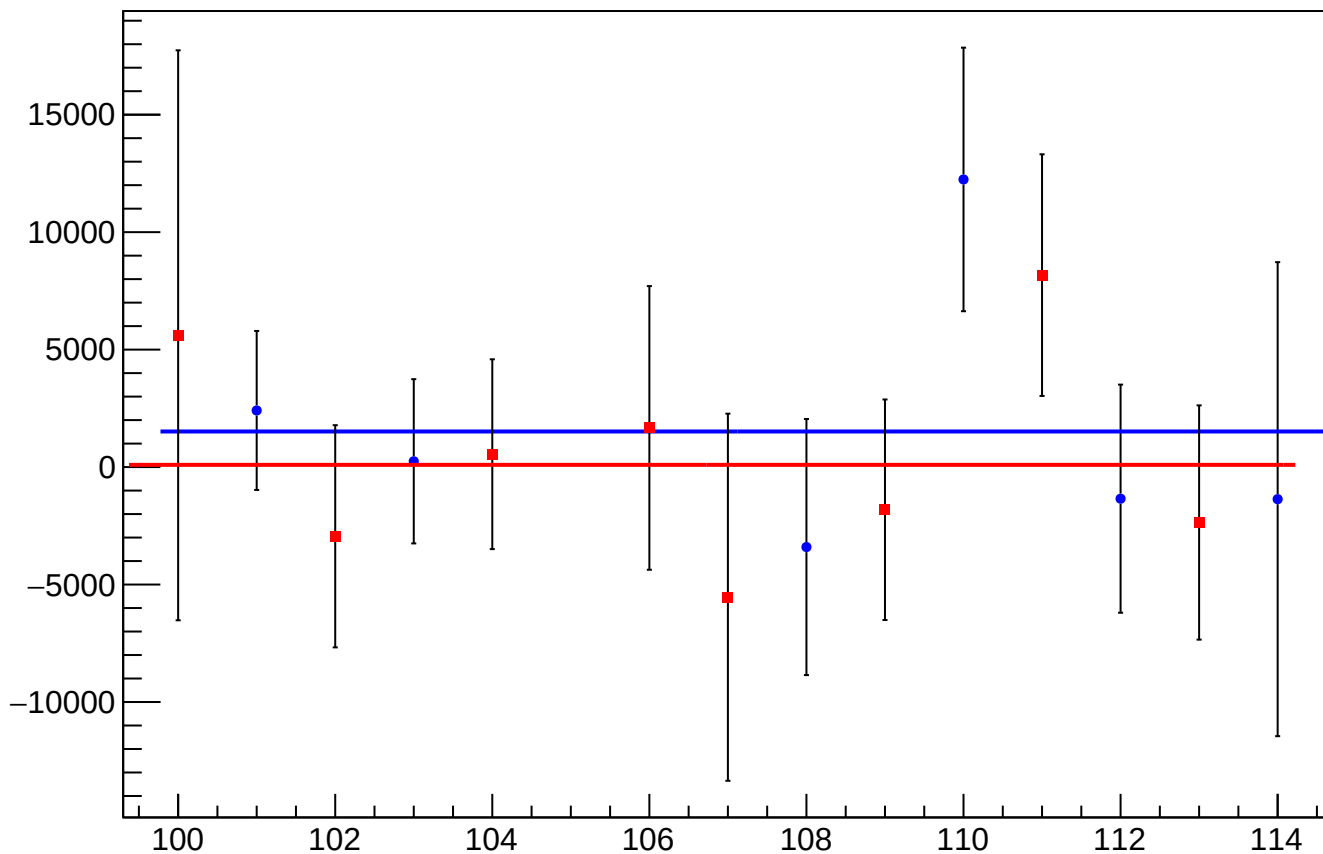
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.166+/-0.486 χ^2/NDF : 1492042.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 1515.431+/-1867.147 χ^2/NDF : 5.1/5

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

Right Out: 94.896+/-1889.713 χ^2/NDF : 4.1/7

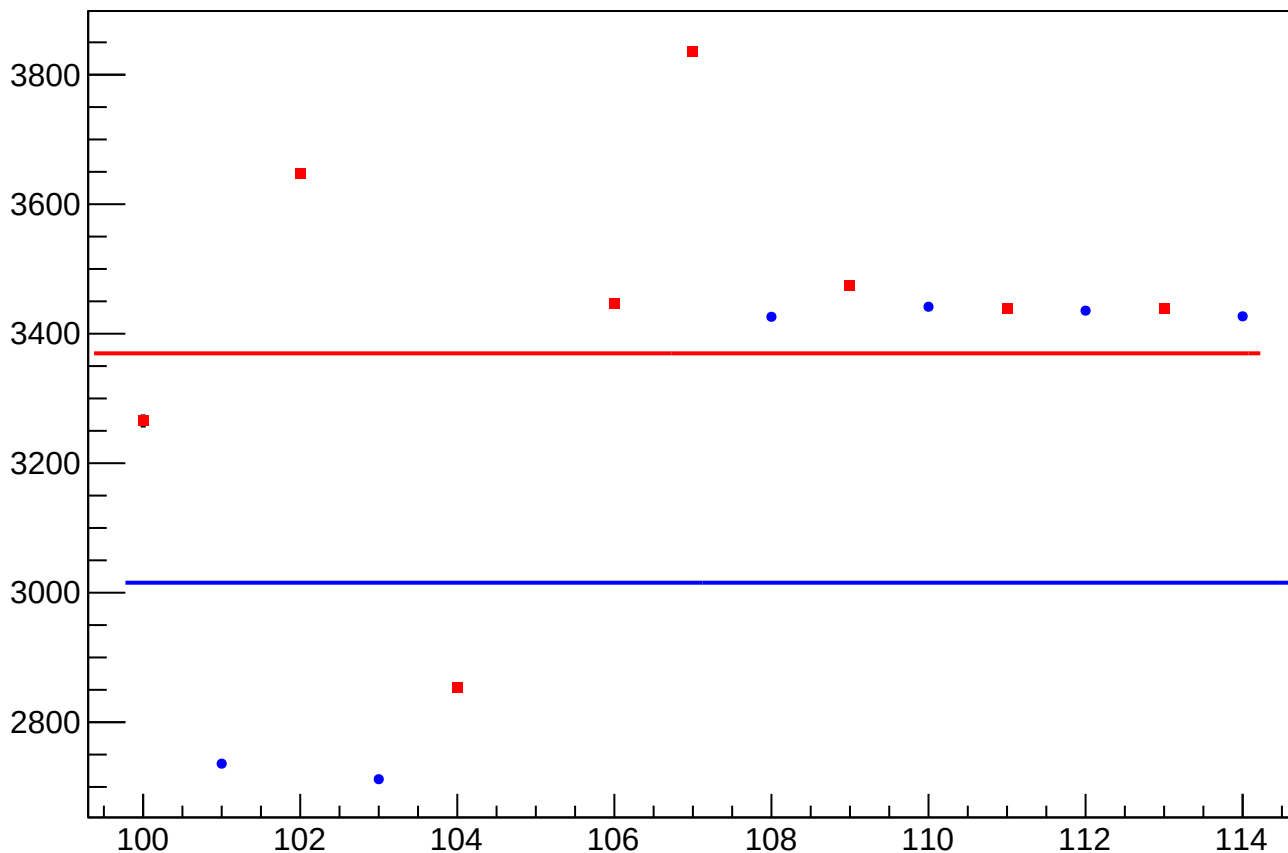
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.696+/-1328.179 χ^2/NDF : 9.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_rms vs Slug



Right In: 3015.446 $\pm$ 1.320 χ^2 /NDF: 69917.9/5

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

Right Out: 3369.678 $\pm$ 1.336 χ^2 /NDF: 48980.3/7

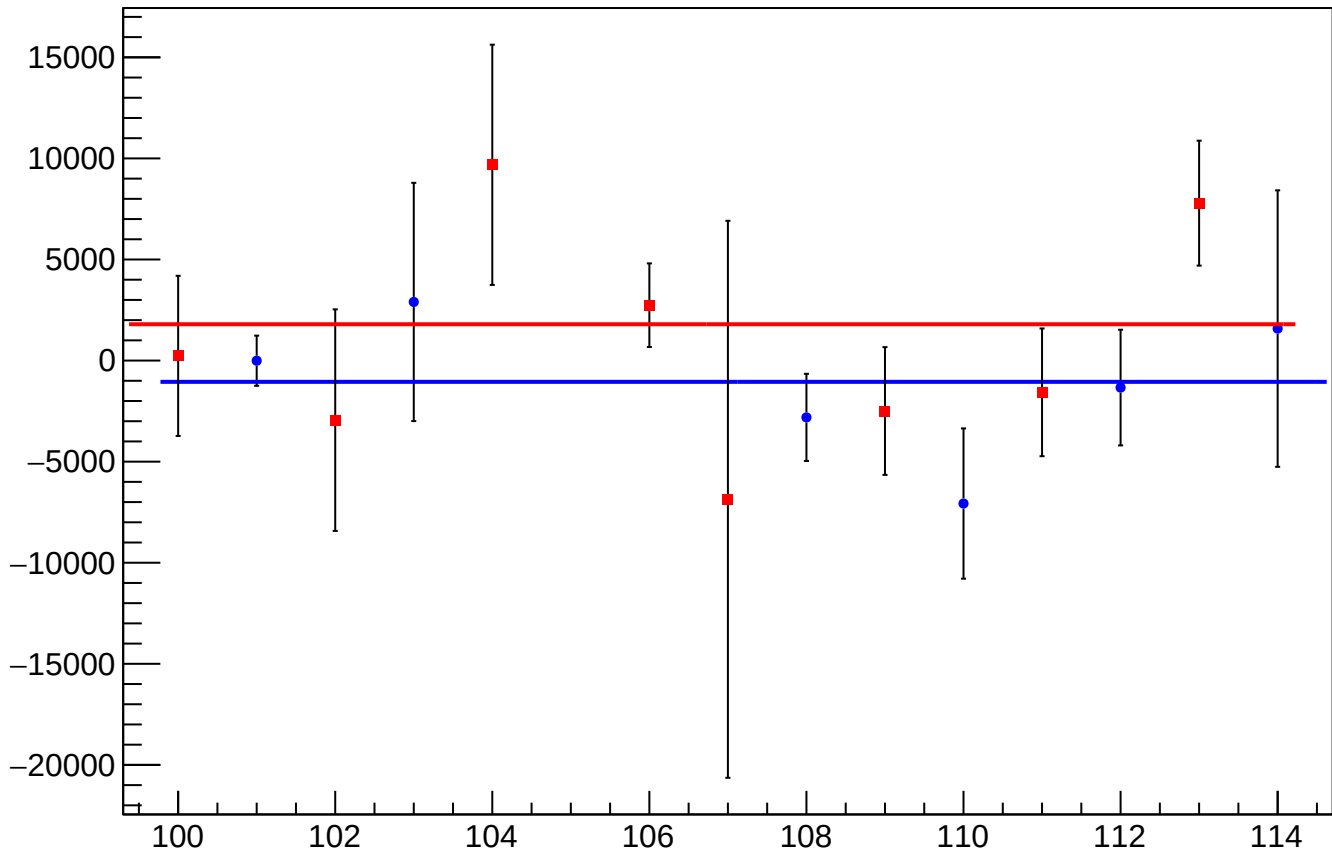
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 3190.434 $\pm$ 0.939 χ^2 /NDF: 154459.0/13

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

asym_atl1_dit_correction_mean vs Slug



Right In: -1051.945+/-949.122 χ^2/NDF : 4.6/5

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

Right Out: 1797.102+/-1222.287 χ^2/NDF : 10.0/7

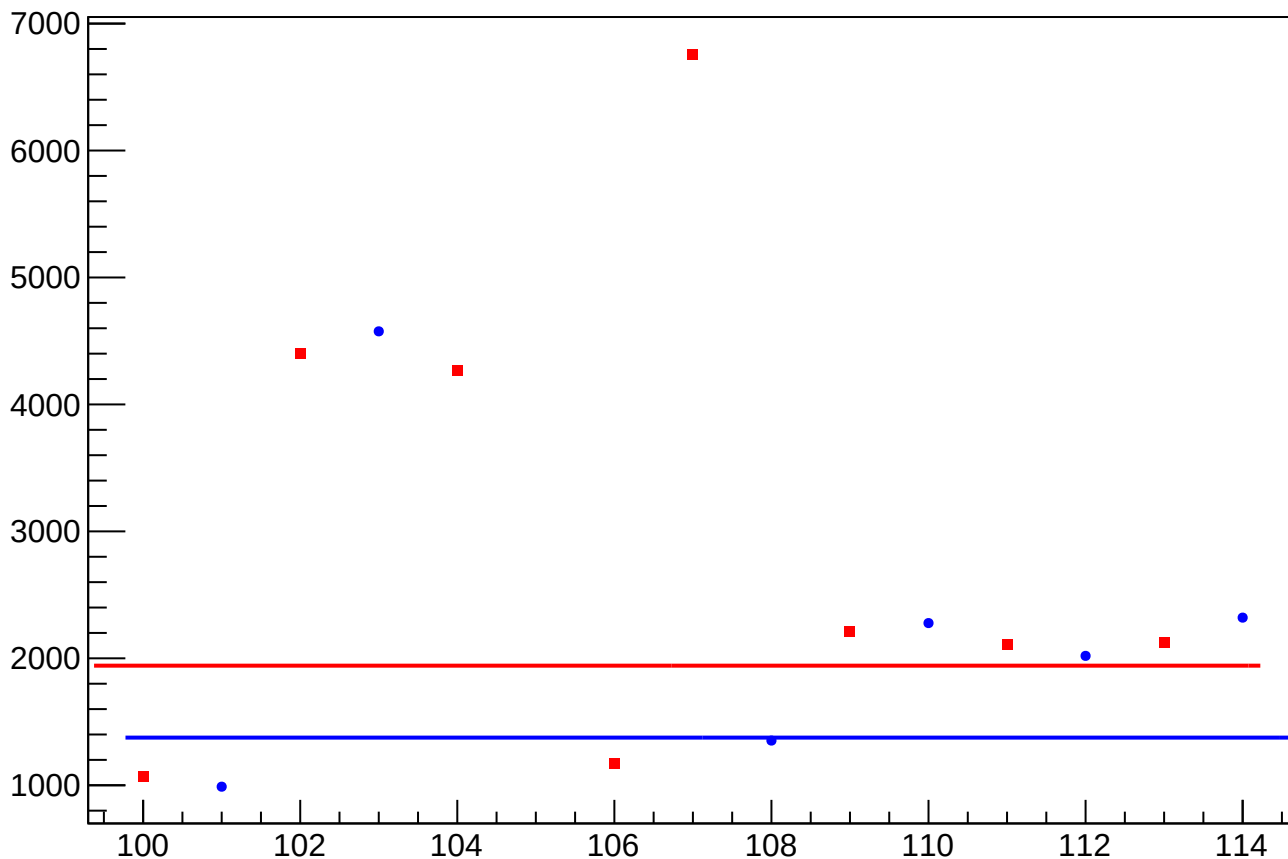
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.750+/-749.651 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1375.482 $\pm$ 0.671 χ^2 /NDF: 1041627.6/5

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

Right Out: 1942.207 $\pm$ 0.864 χ^2 /NDF: 1354820.7/7

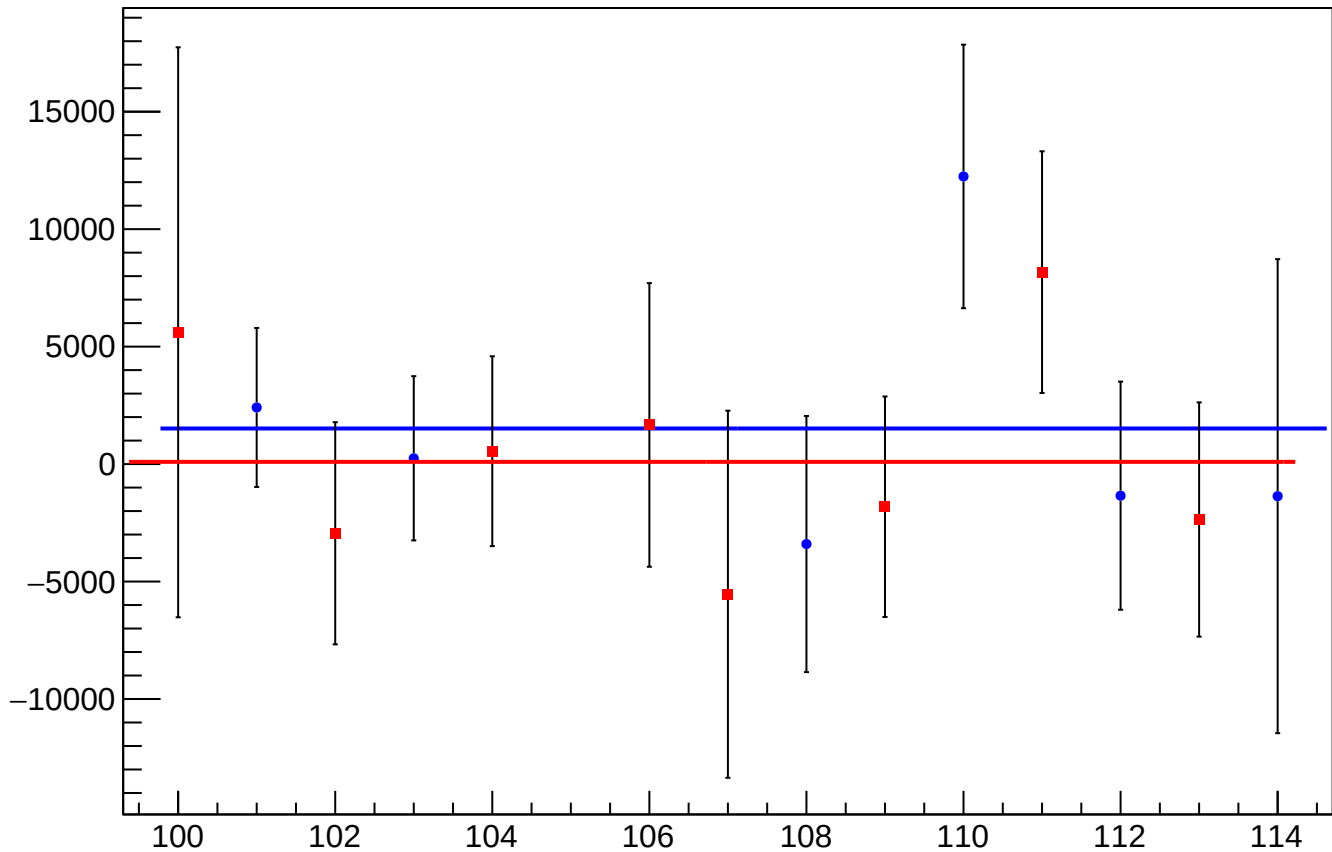
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1588.661 $\pm$ 0.530 χ^2 /NDF: 2664675.5/13

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

eigen_dit_asym_atl1_mean vs Slug



Right In: 1515.424 $\pm$ 1867.145 χ^2 /NDF: 5.1/5

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

Right Out: 94.902 $\pm$ 1889.712 χ^2 /NDF: 4.1/7

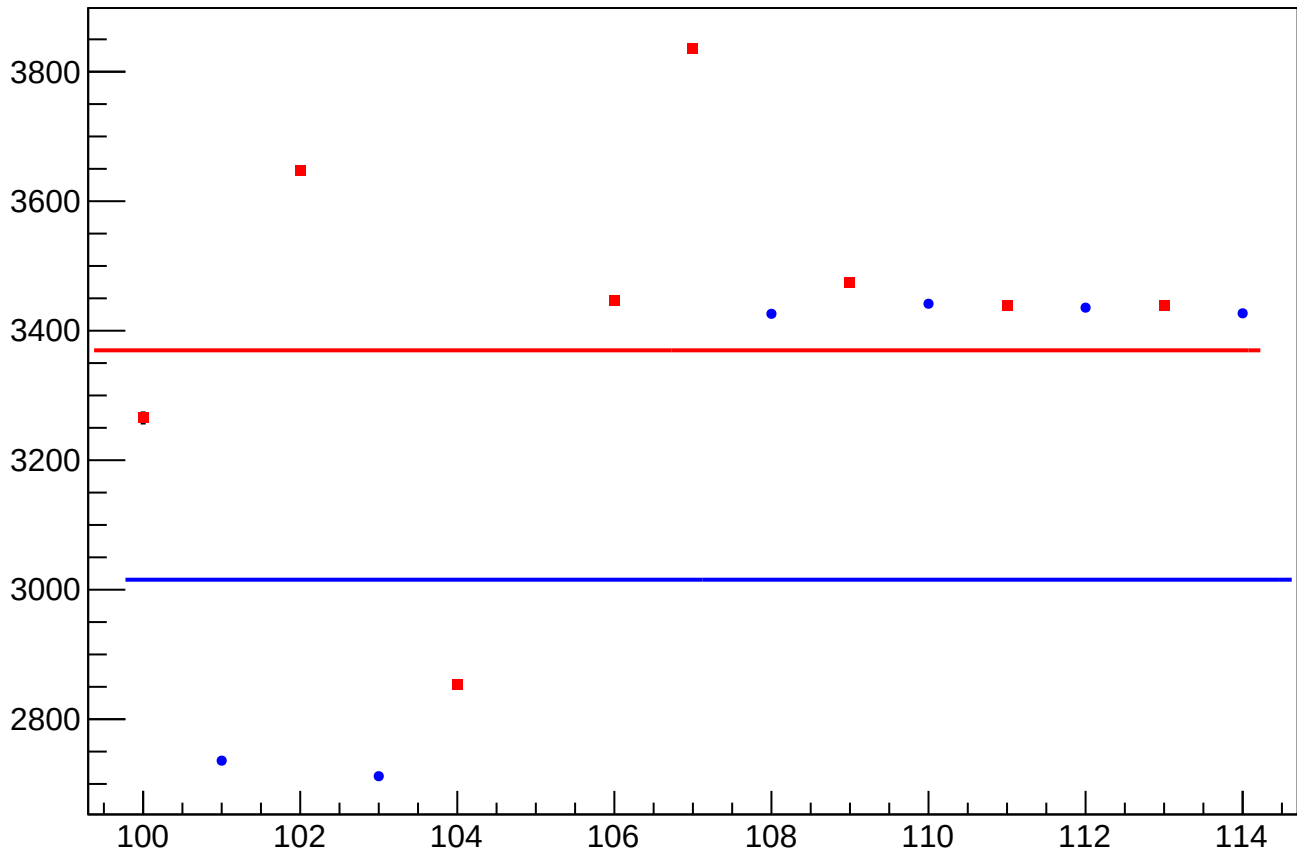
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 813.696 $\pm$ 1328.178 χ^2 /NDF: 9.5/13

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

eigen_dit_asym_atl1_rms vs Slug



Right In: 3015.444+/-1.320 χ^2/NDF : 69918.5/5

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

Right Out: 3369.676+/-1.336 χ^2/NDF : 48981.0/7

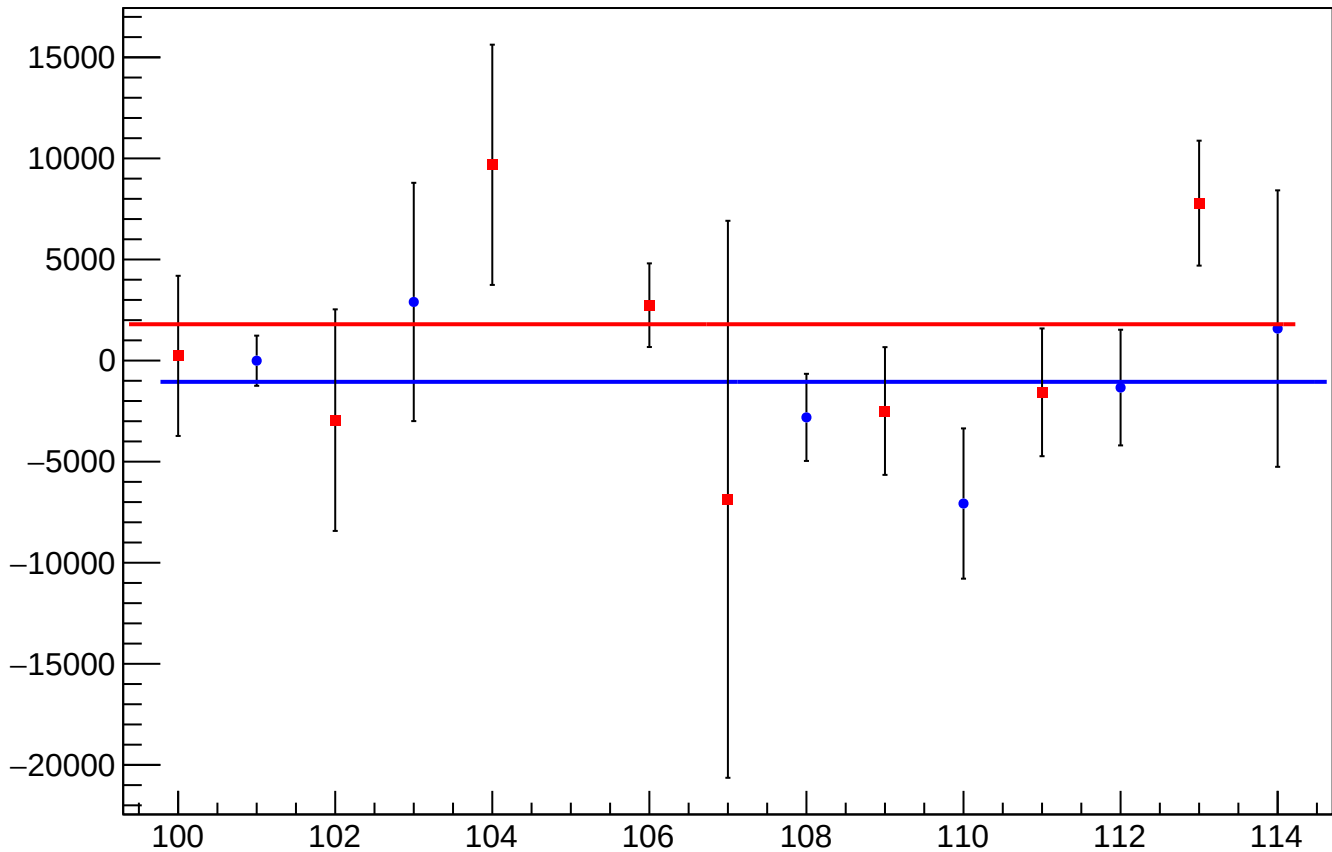
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3190.432+/-0.939 χ^2/NDF : 154460.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: -1051.951+/-949.122 χ^2/NDF : 4.6/5

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

Right Out: 1797.099+/-1222.286 χ^2/NDF : 10.0/7

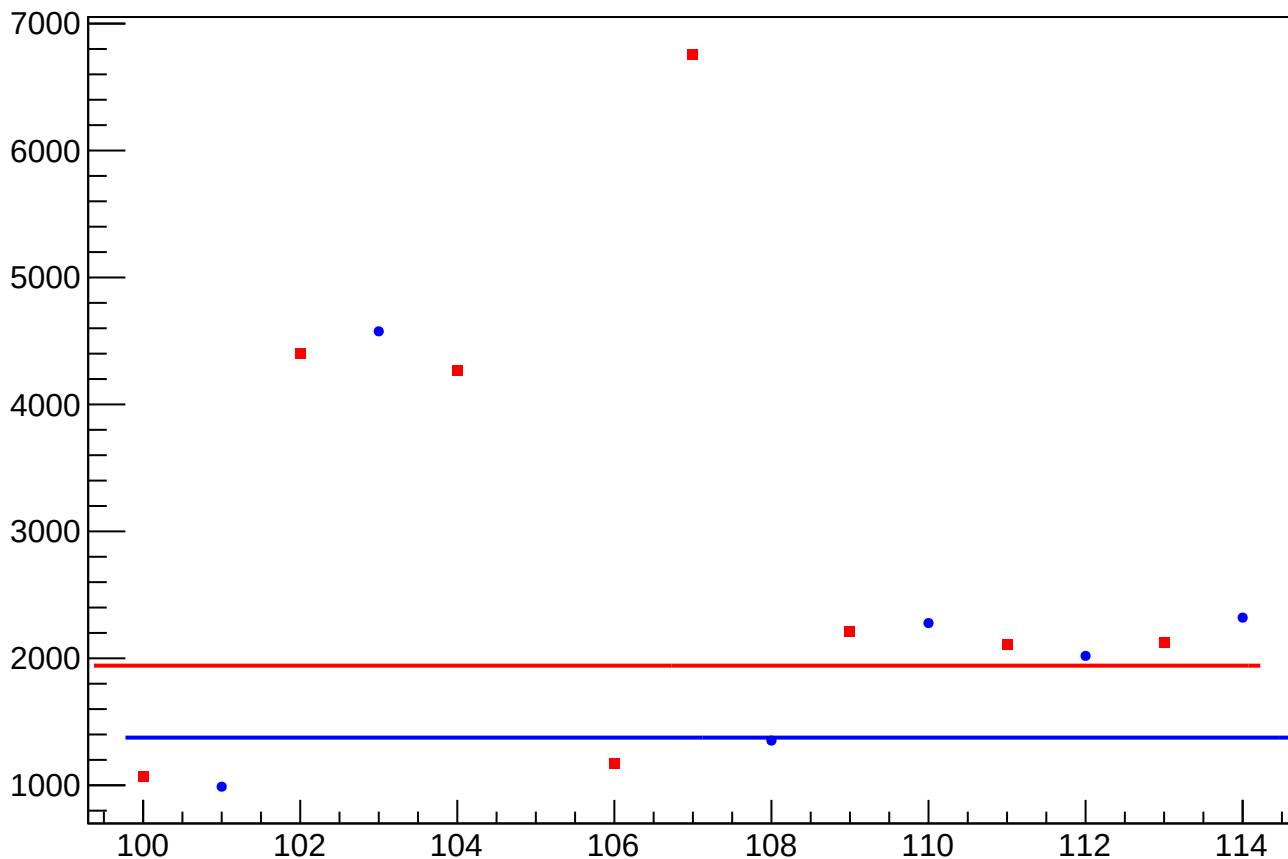
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.746+/-749.650 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1375.481+/-0.671 χ^2/NDF : 1041628.6/5

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

Right Out: 1942.205+/-0.864 χ^2/NDF : 1354824.3/7

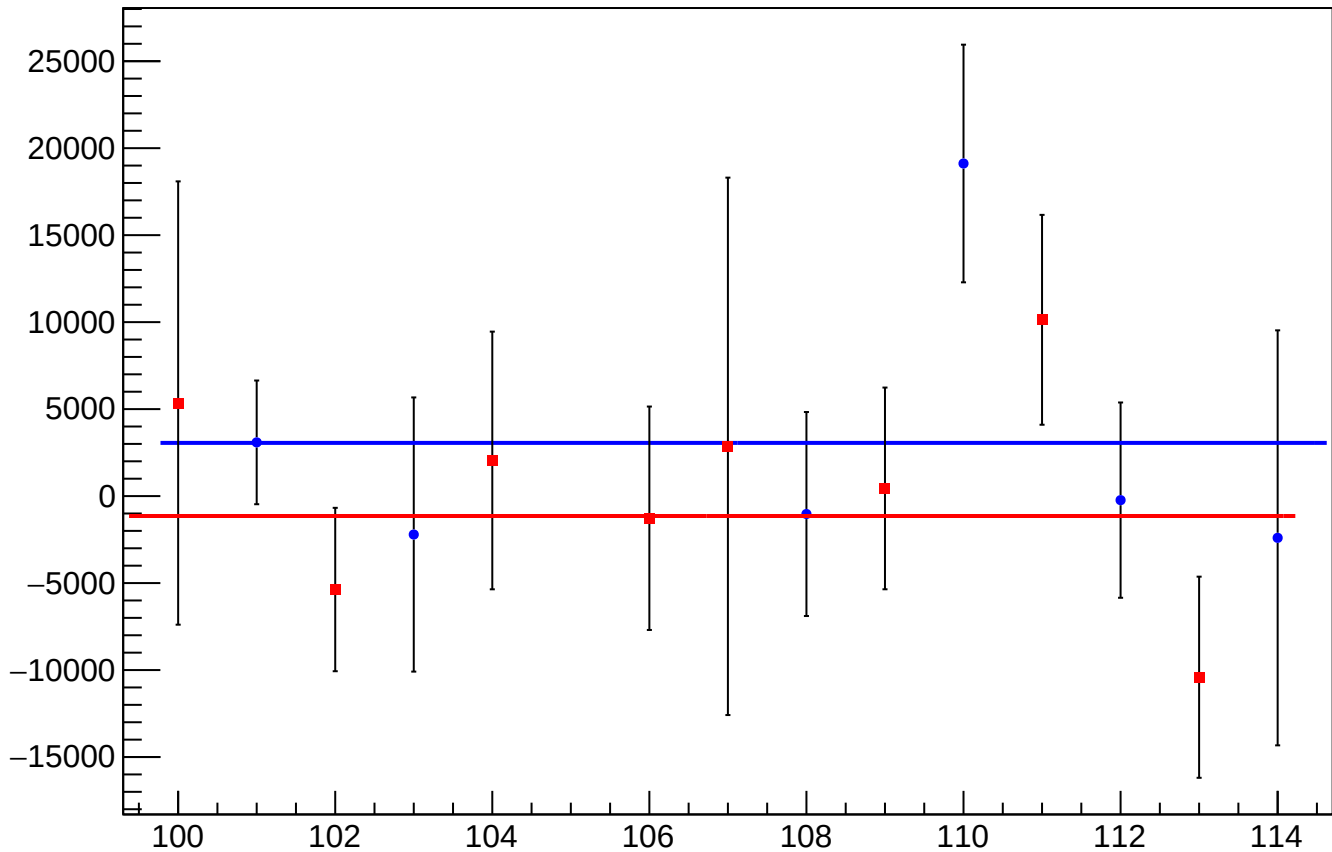
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.660+/-0.530 χ^2/NDF : 2664679.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



Right In: 3058.421 $\pm$ 2328.201 χ^2 /NDF: 7.0/5

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

Right Out: -1144.306 $\pm$ 2322.838 χ^2 /NDF: 7.5/7

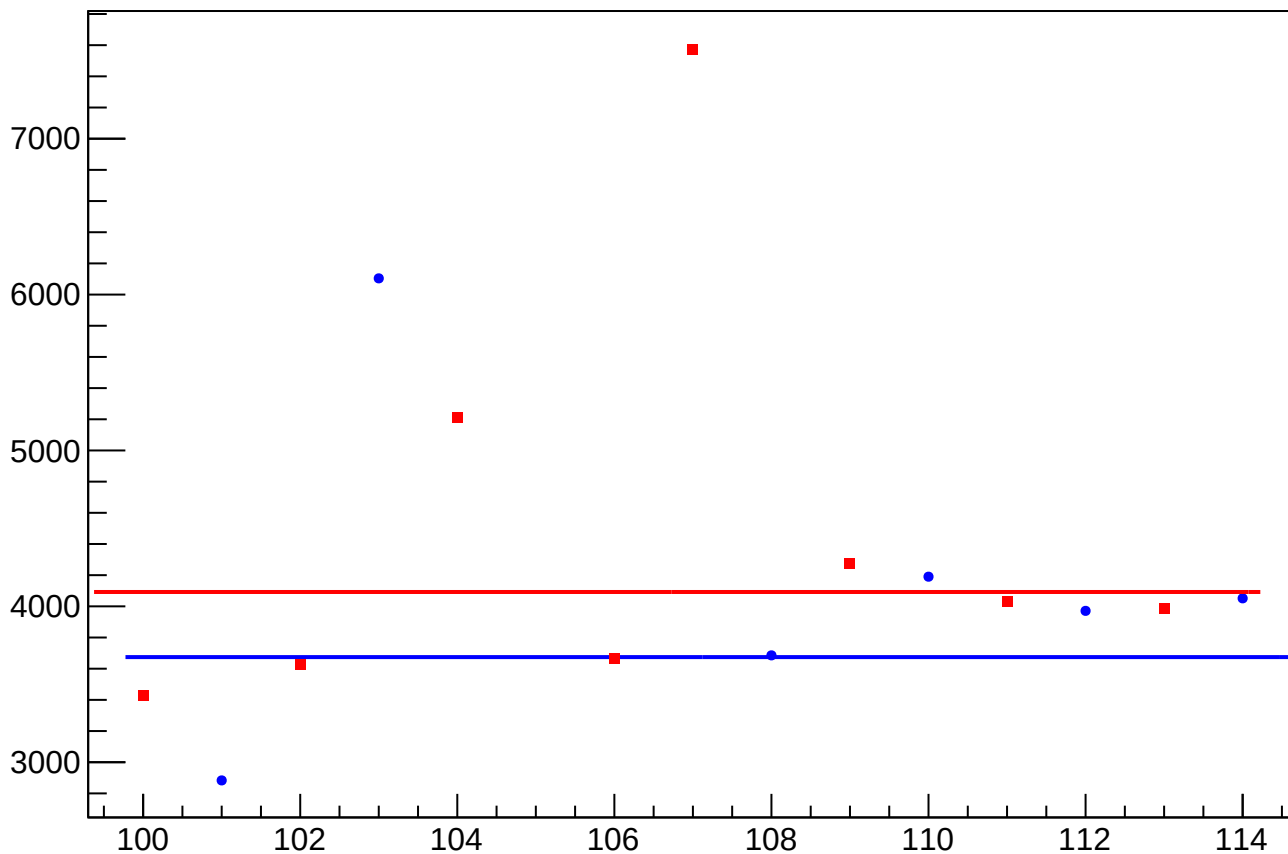
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 952.212 $\pm$ 1644.387 χ^2 /NDF: 16.1/13

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

asym_atl1_rms vs Slug



Right In: 3674.386+/-1.646 χ^2/NDF : 308101.2/5

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

Right Out: 4092.105+/-1.642 χ^2/NDF : 184117.9/7

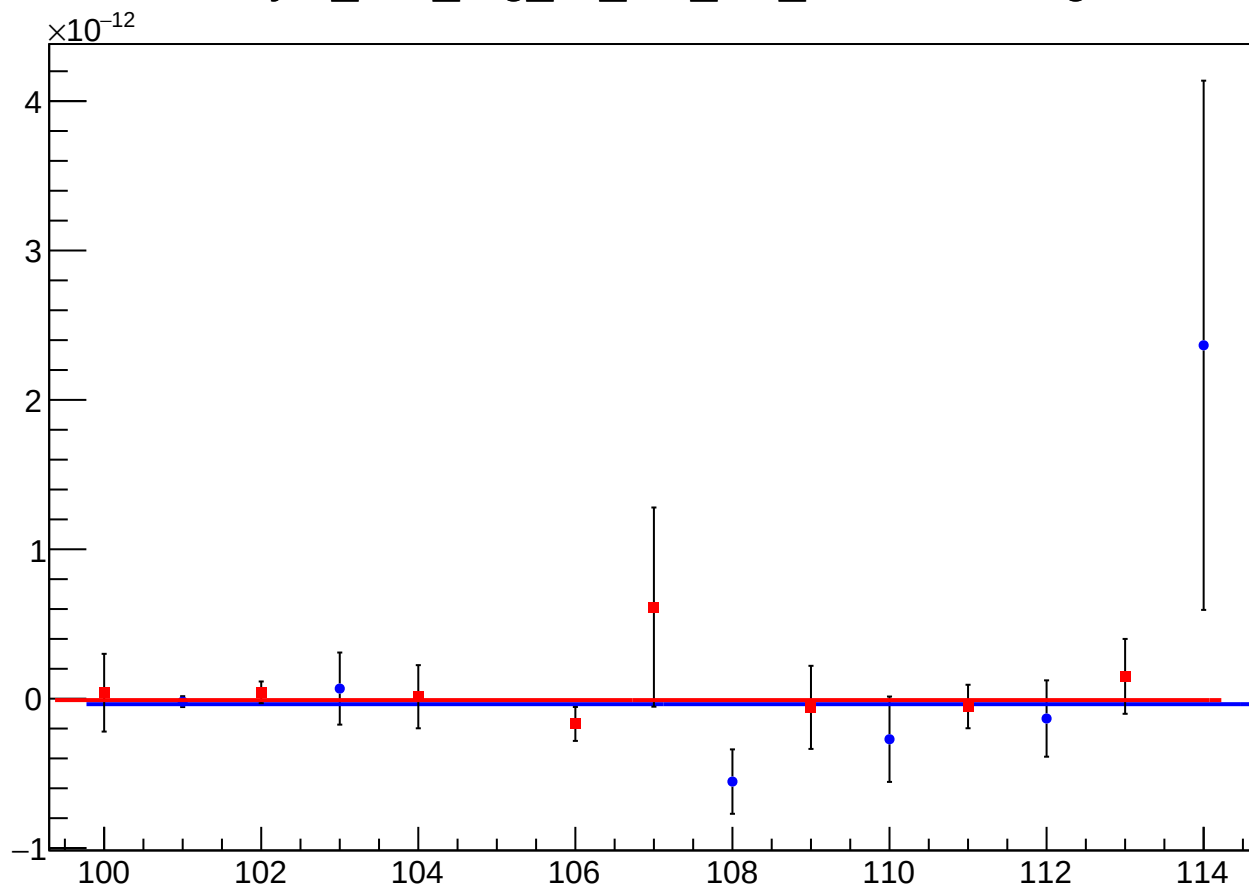
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3883.727+/-1.163 χ^2/NDF : 524483.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 8.8/5

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.9/7

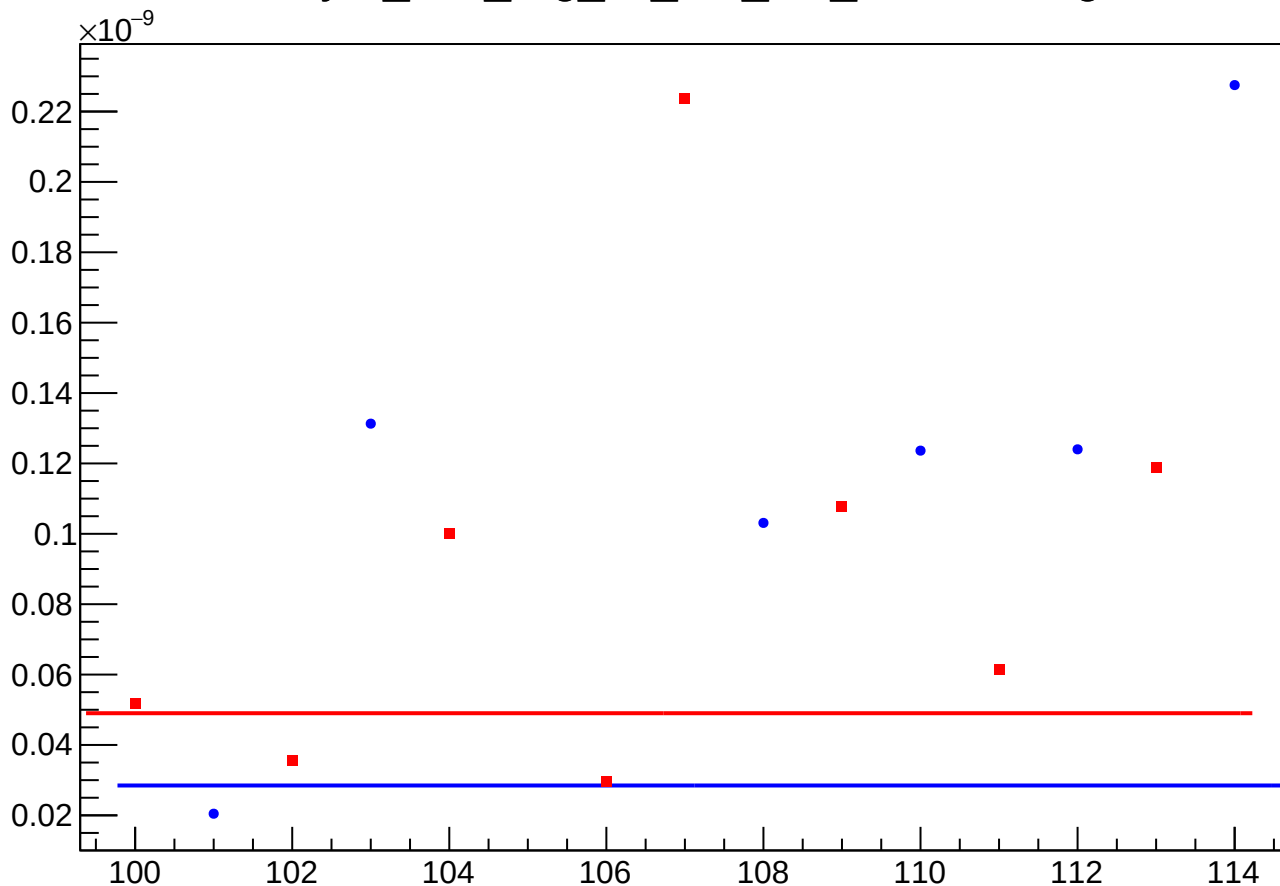
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1226421.9/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 639989.2/7

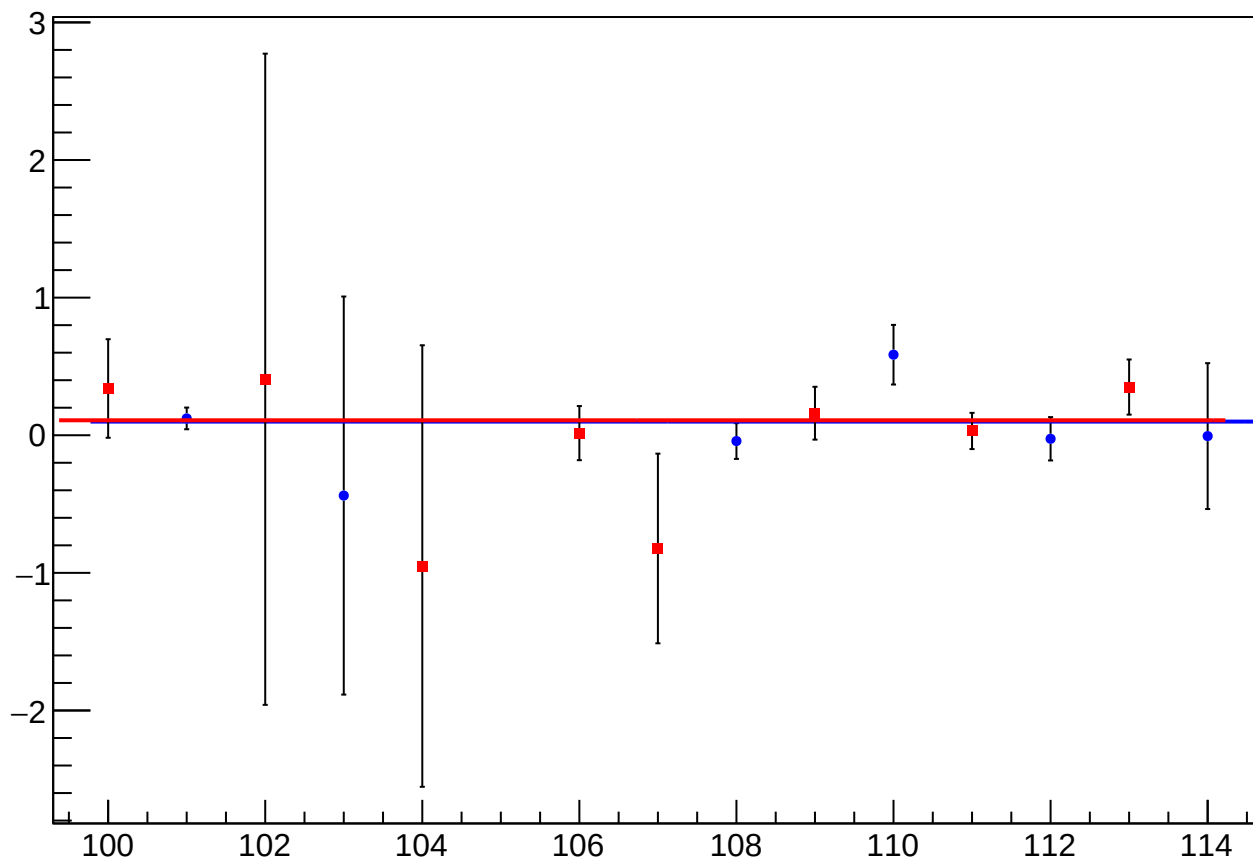
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2086858.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.099 $\pm$ 0.059 χ^2 /NDF: 7.1/5

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

Right Out: 0.109 $\pm$ 0.083 χ^2 /NDF: 4.8/7

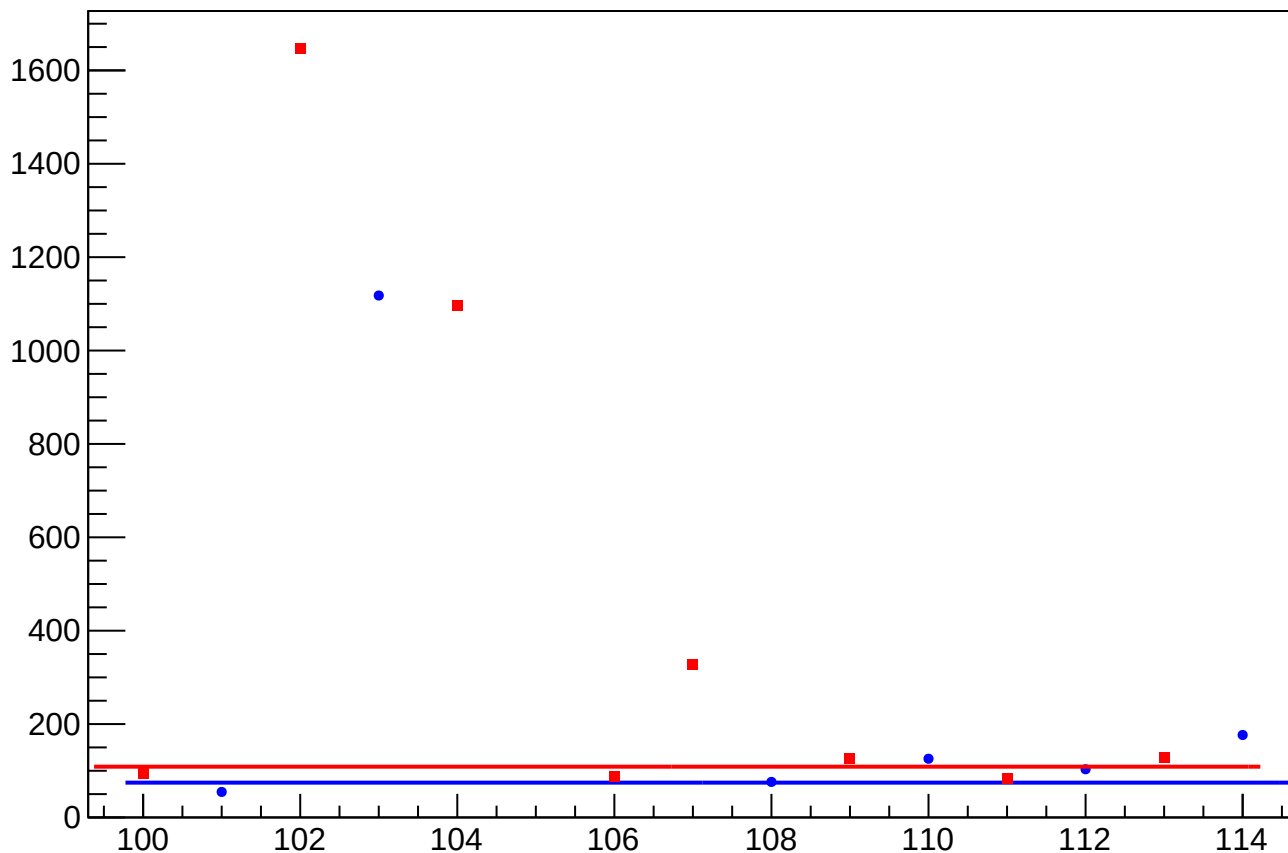
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.102 $\pm$ 0.048 χ^2 /NDF: 11.9/13

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

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 74.571+/-0.042 χ^2/NDF : 1420397.1/5

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

Right Out: 108.768+/-0.058 χ^2/NDF : 1935165.7/7

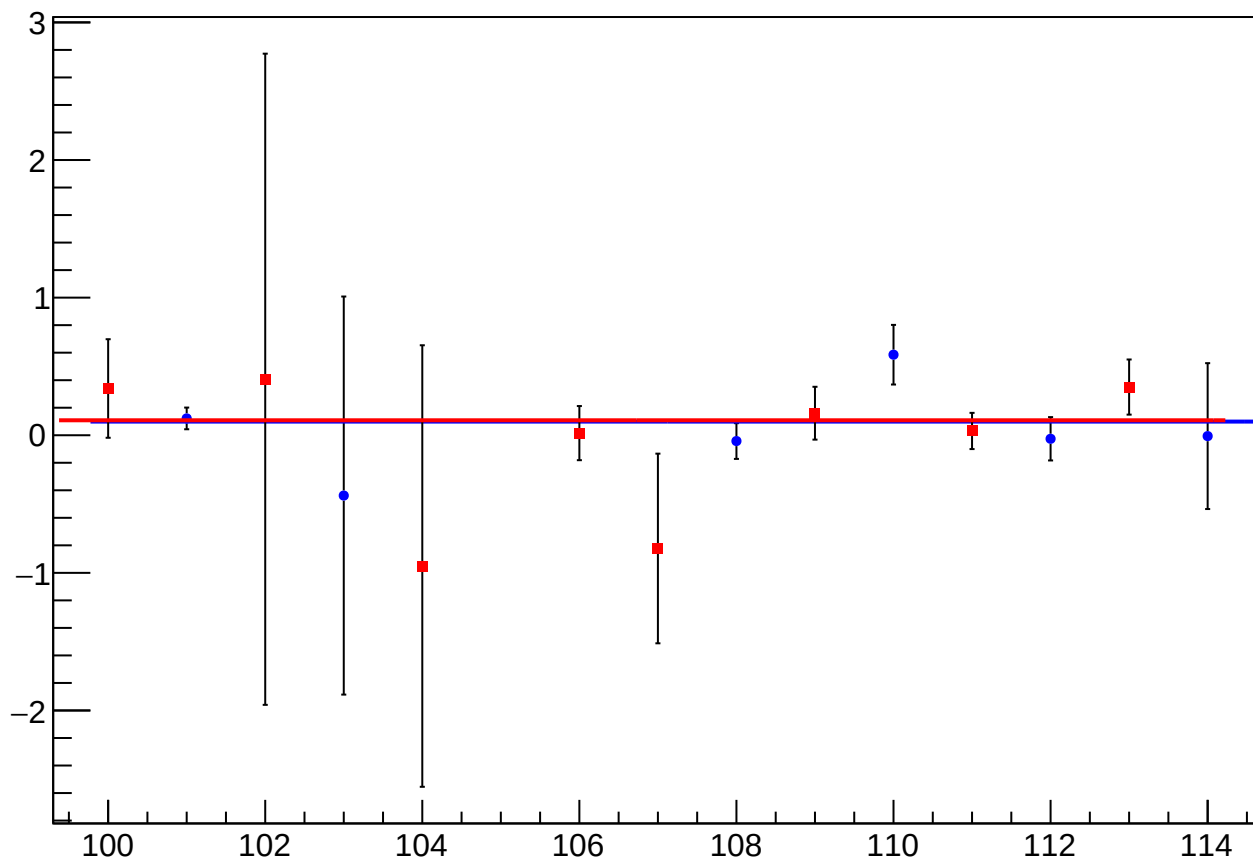
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.133+/-0.034 χ^2/NDF : 3581798.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.099 $\pm$ 0.059 χ^2 /NDF: 7.1/5

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

Right Out: 0.109 $\pm$ 0.083 χ^2 /NDF: 4.8/7

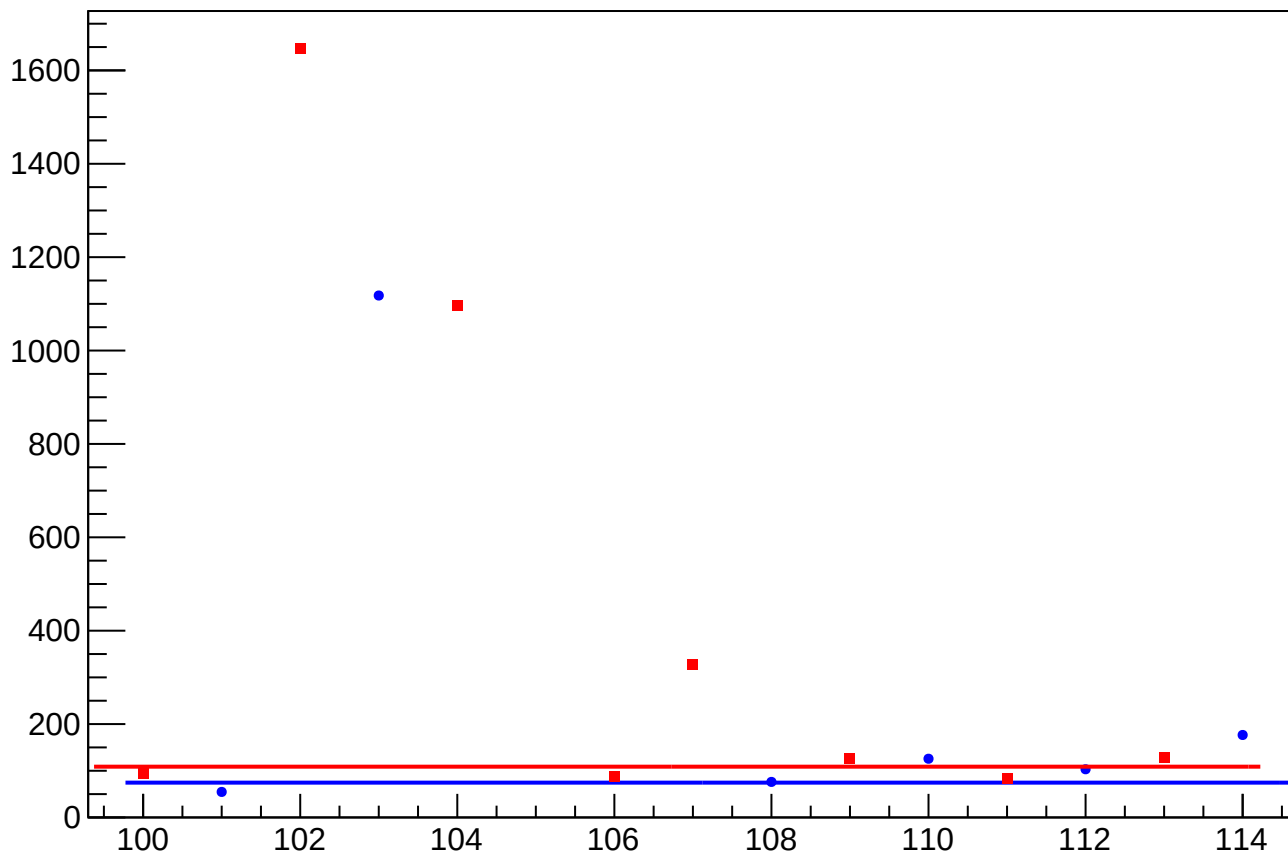
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.102 $\pm$ 0.048 χ^2 /NDF: 11.9/13

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

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.571+/-0.042 χ^2/NDF : 1420397.1/5

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

Right Out: 108.768+/-0.058 χ^2/NDF : 1935165.7/7

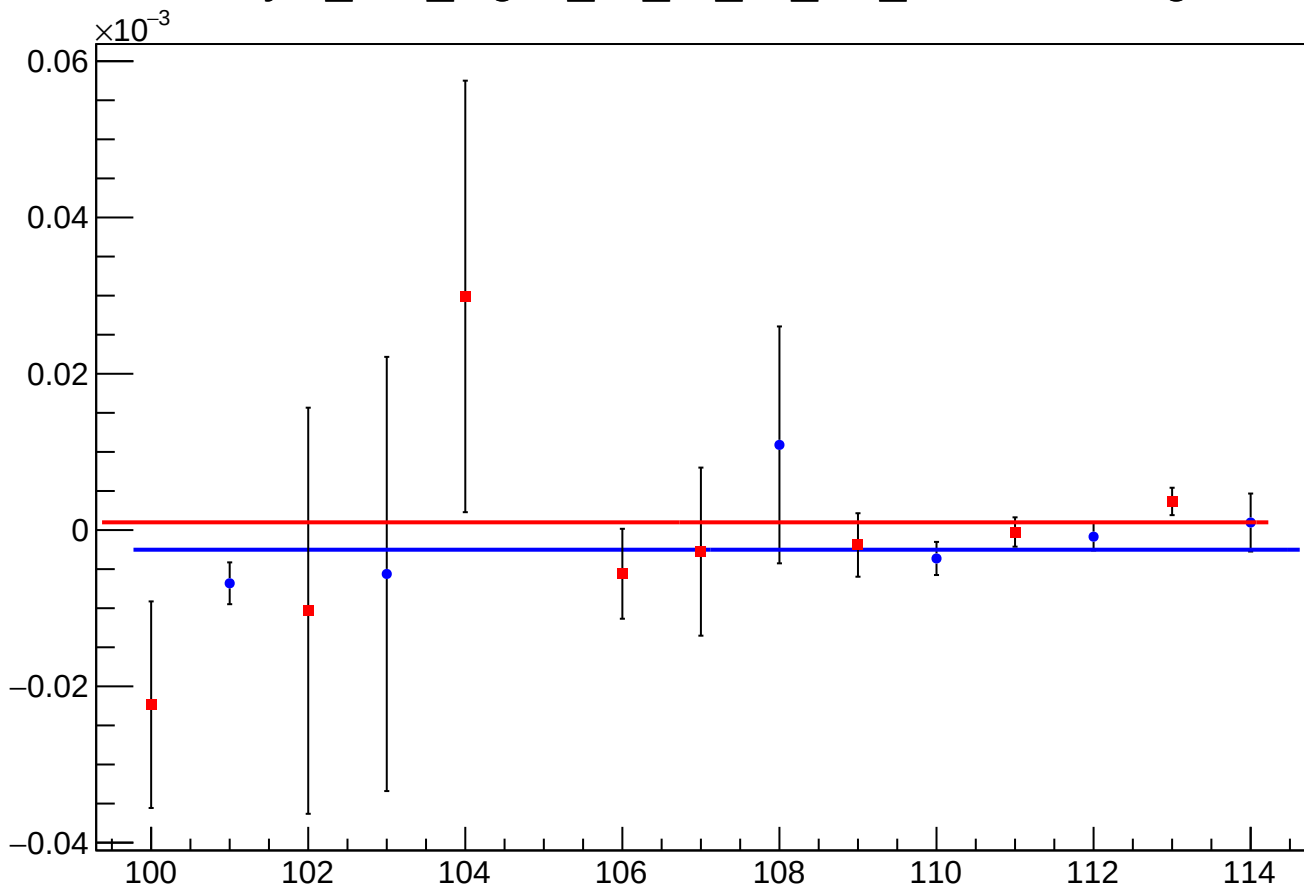
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.133+/-0.034 χ^2/NDF : 3581798.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/7

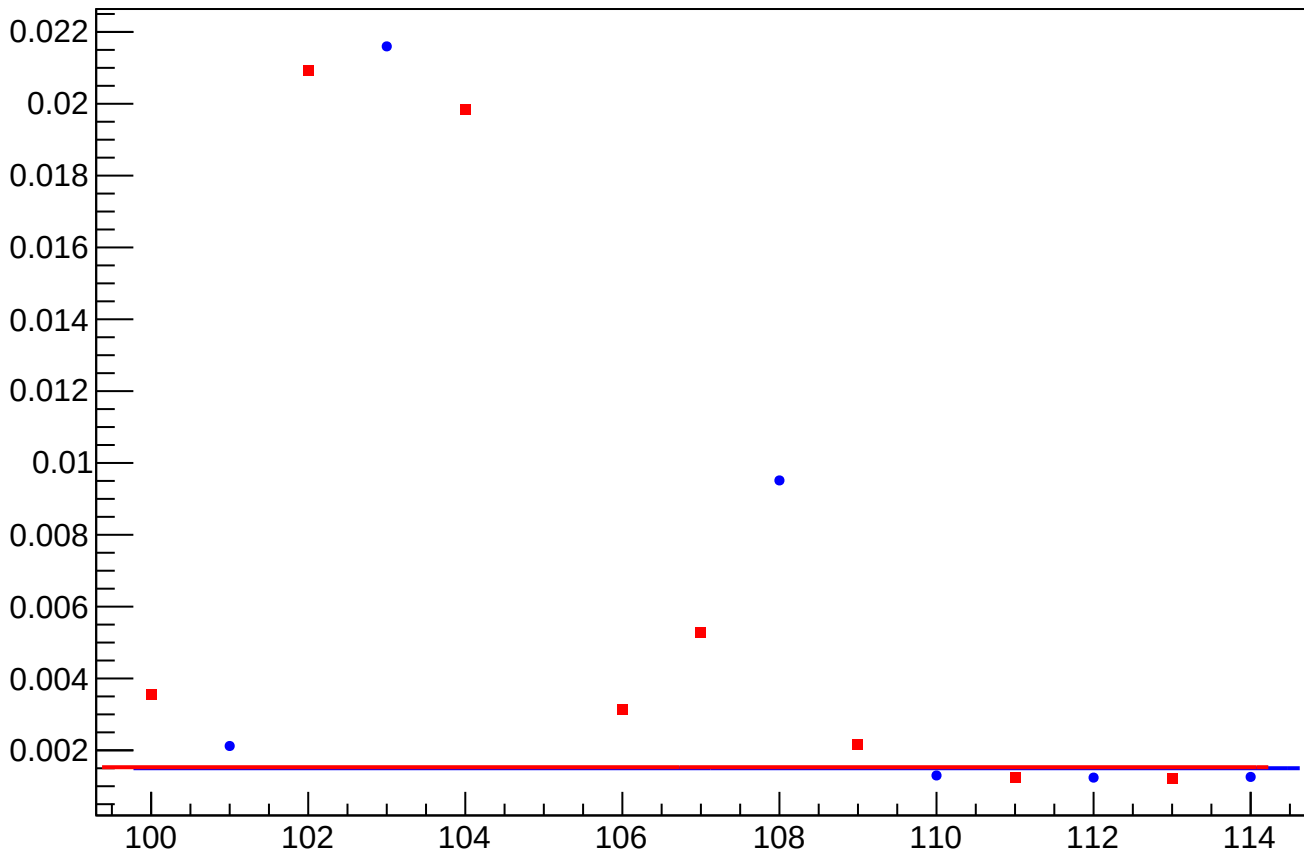
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/13

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

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1783671.9/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2596459.9/7

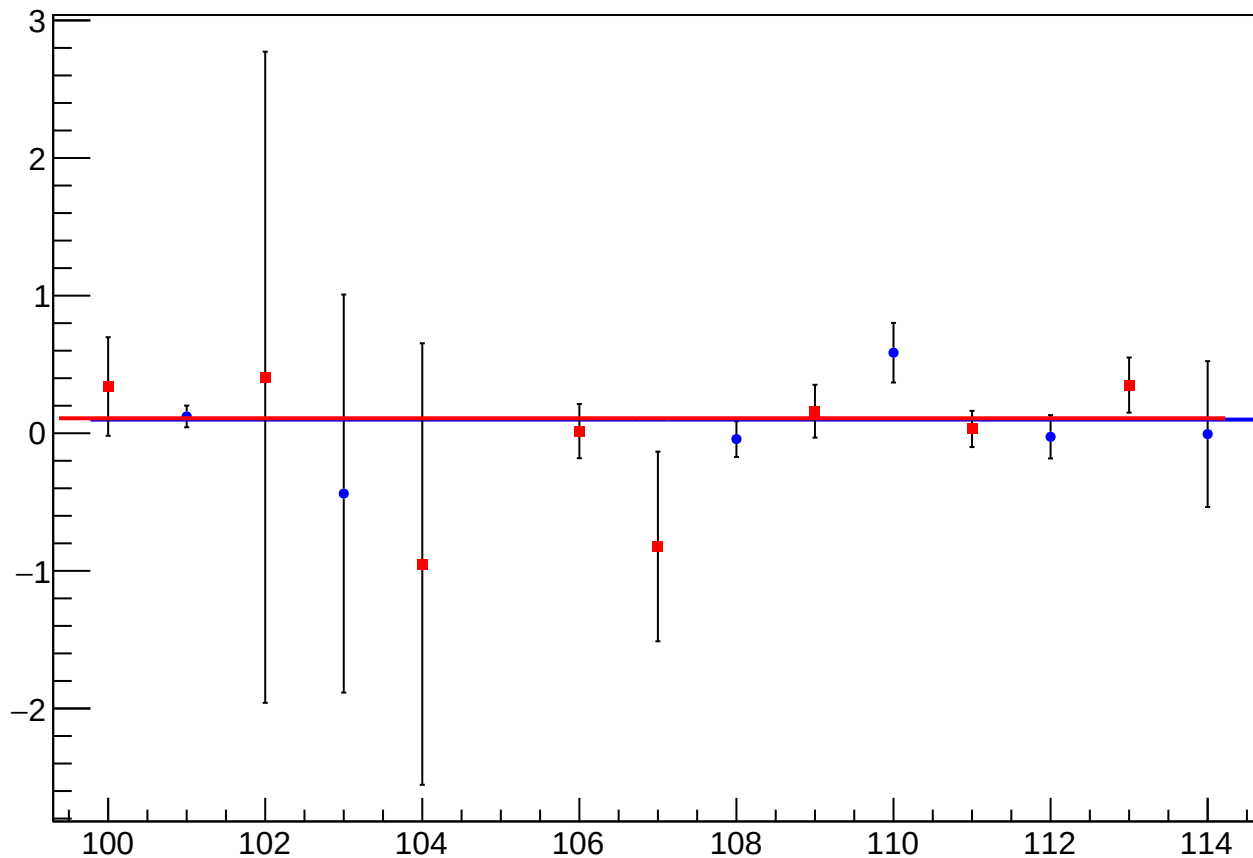
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4380721.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.099 $\pm$ 0.059 χ^2 /NDF: 7.1/5

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

Right Out: 0.109 $\pm$ 0.083 χ^2 /NDF: 4.8/7

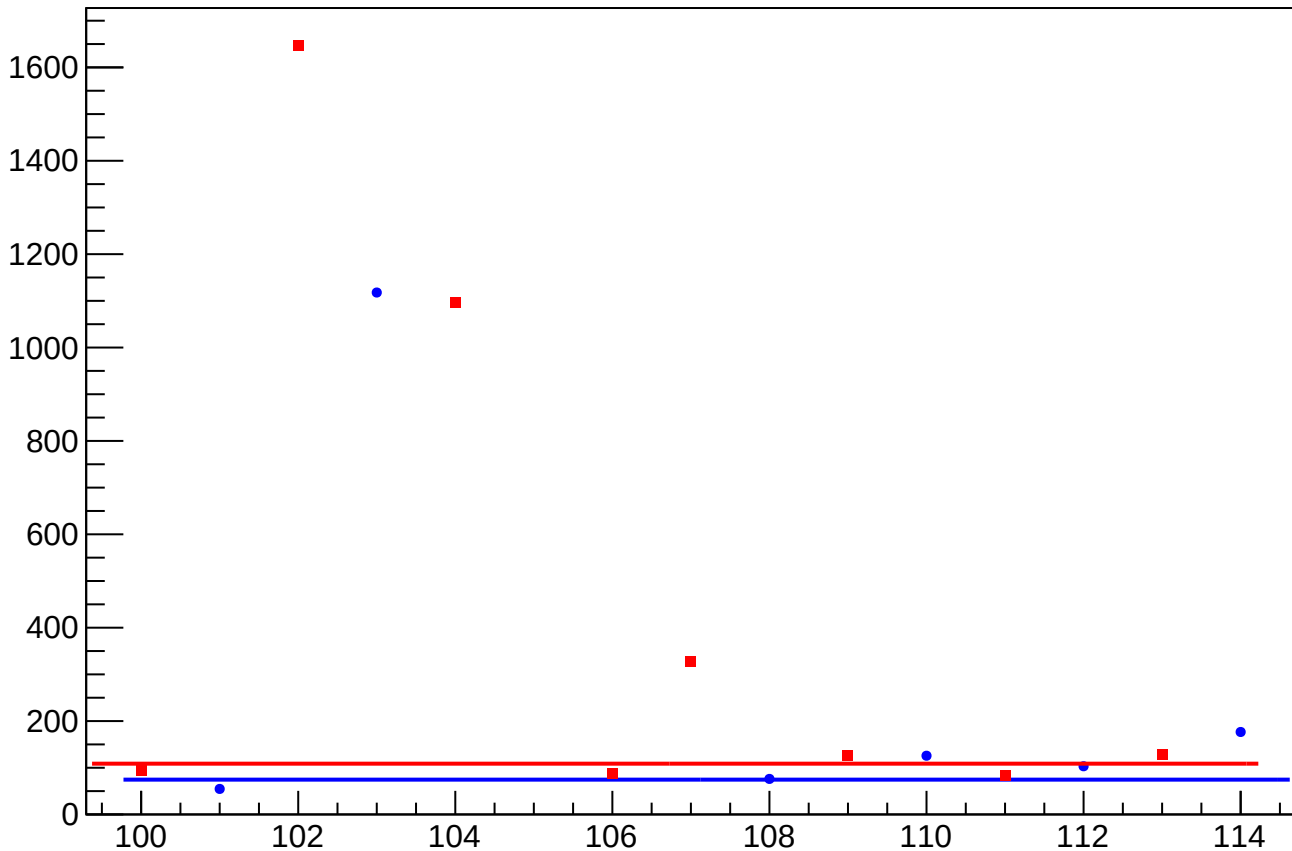
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.102 $\pm$ 0.048 χ^2 /NDF: 11.9/13

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

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 74.571+/-0.042 χ^2/NDF : 1420408.2/5

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

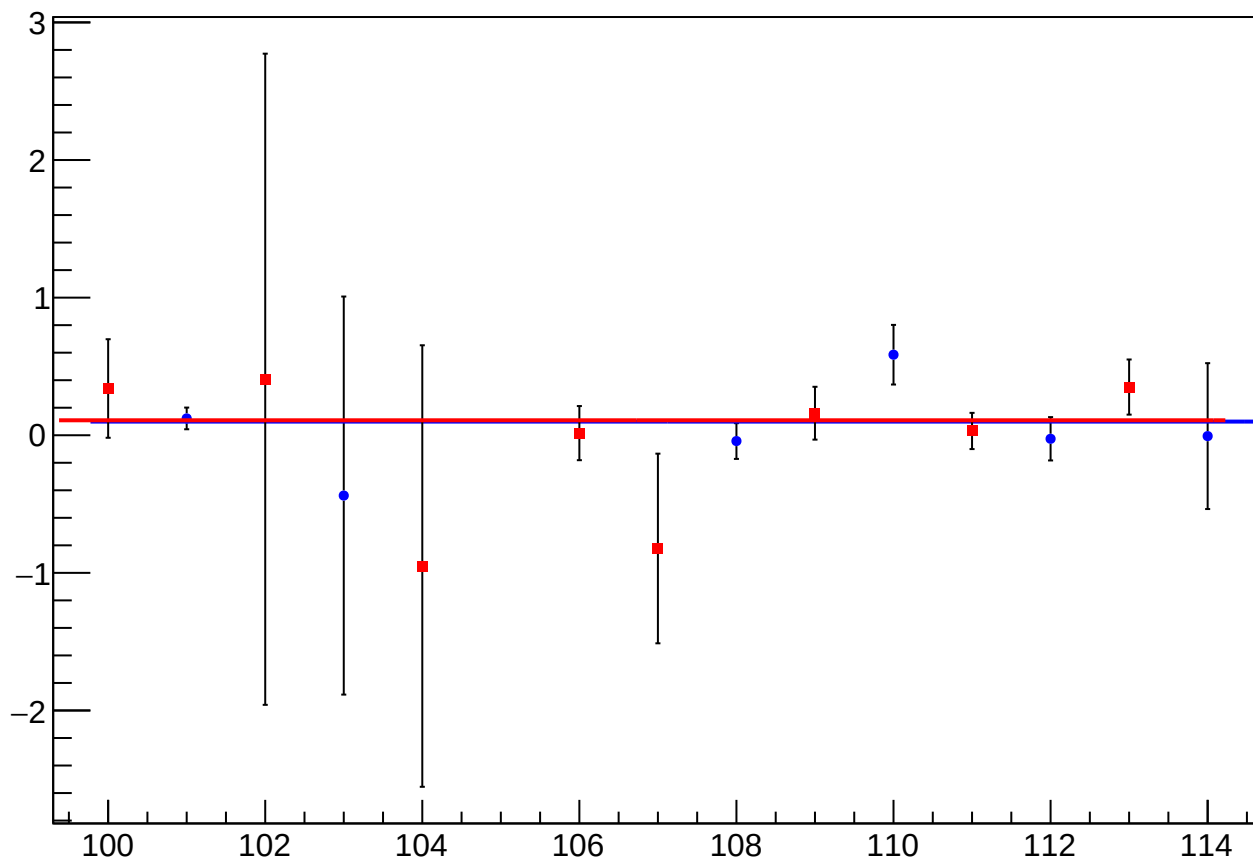
Right Out: 108.767+/-0.058 χ^2/NDF : 1935163.6/7

All: 86.134+/-0.034 χ^2/NDF : 3581796.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.099 $\pm$ 0.059 χ^2 /NDF: 7.1/5

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

Right Out: 0.109 $\pm$ 0.083 χ^2 /NDF: 4.8/7

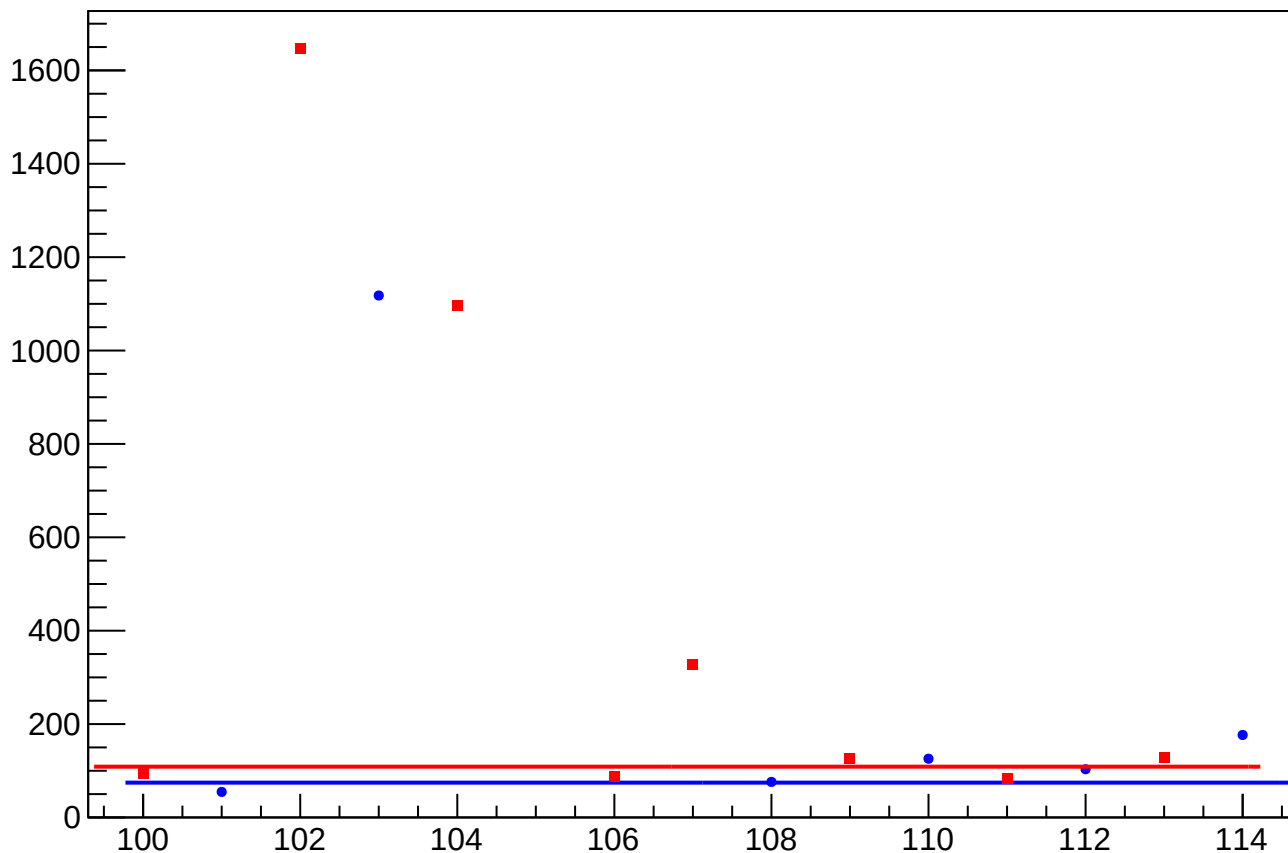
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.102 $\pm$ 0.048 χ^2 /NDF: 11.9/13

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.571 $\pm$ 0.042 χ^2 /NDF: 1420408.2/5

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

Right Out: 108.767 $\pm$ 0.058 χ^2 /NDF: 1935163.6/7

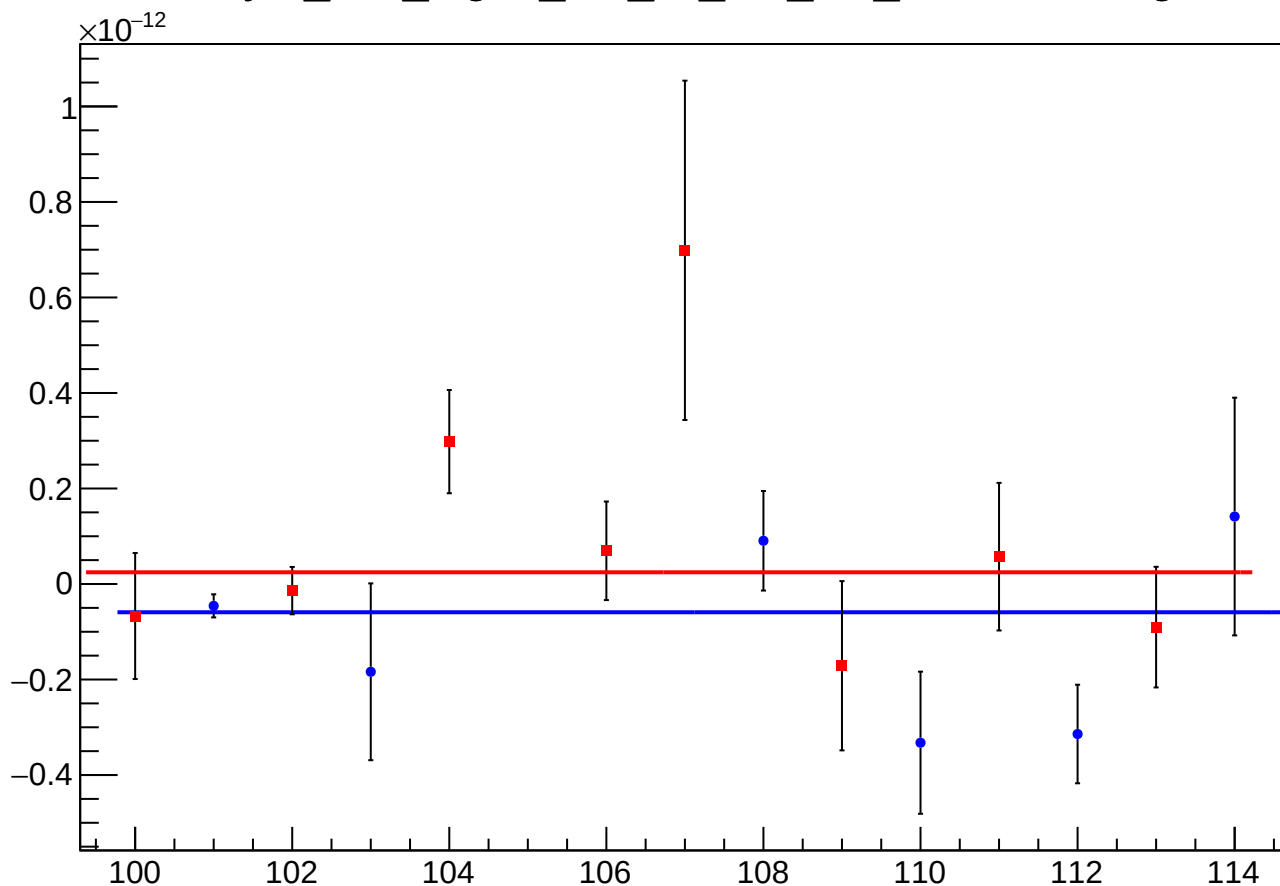
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 86.134 $\pm$ 0.034 χ^2 /NDF: 3581796.4/13

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

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 12.9/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 13.4/7

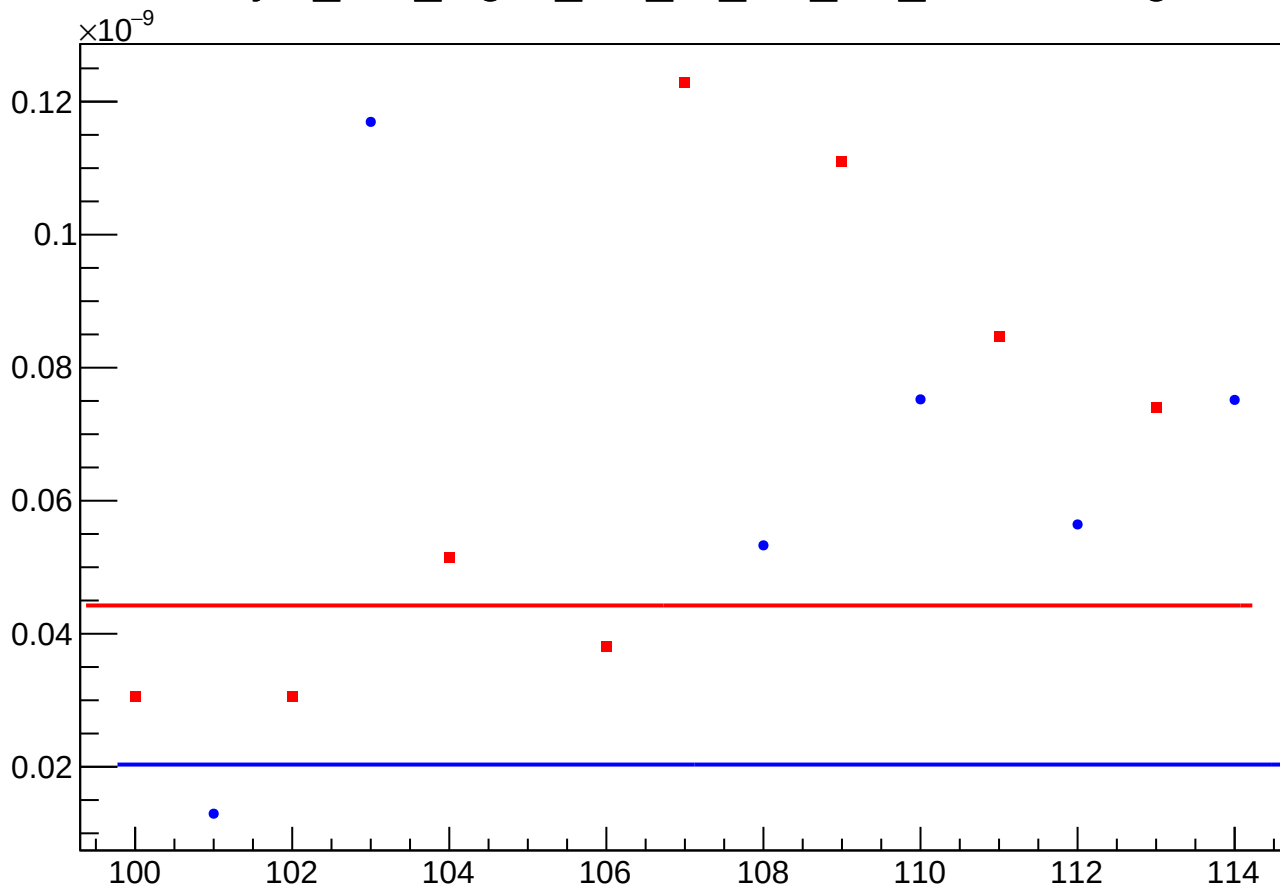
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 30.3/13

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

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1544944.4/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 819614.5/7

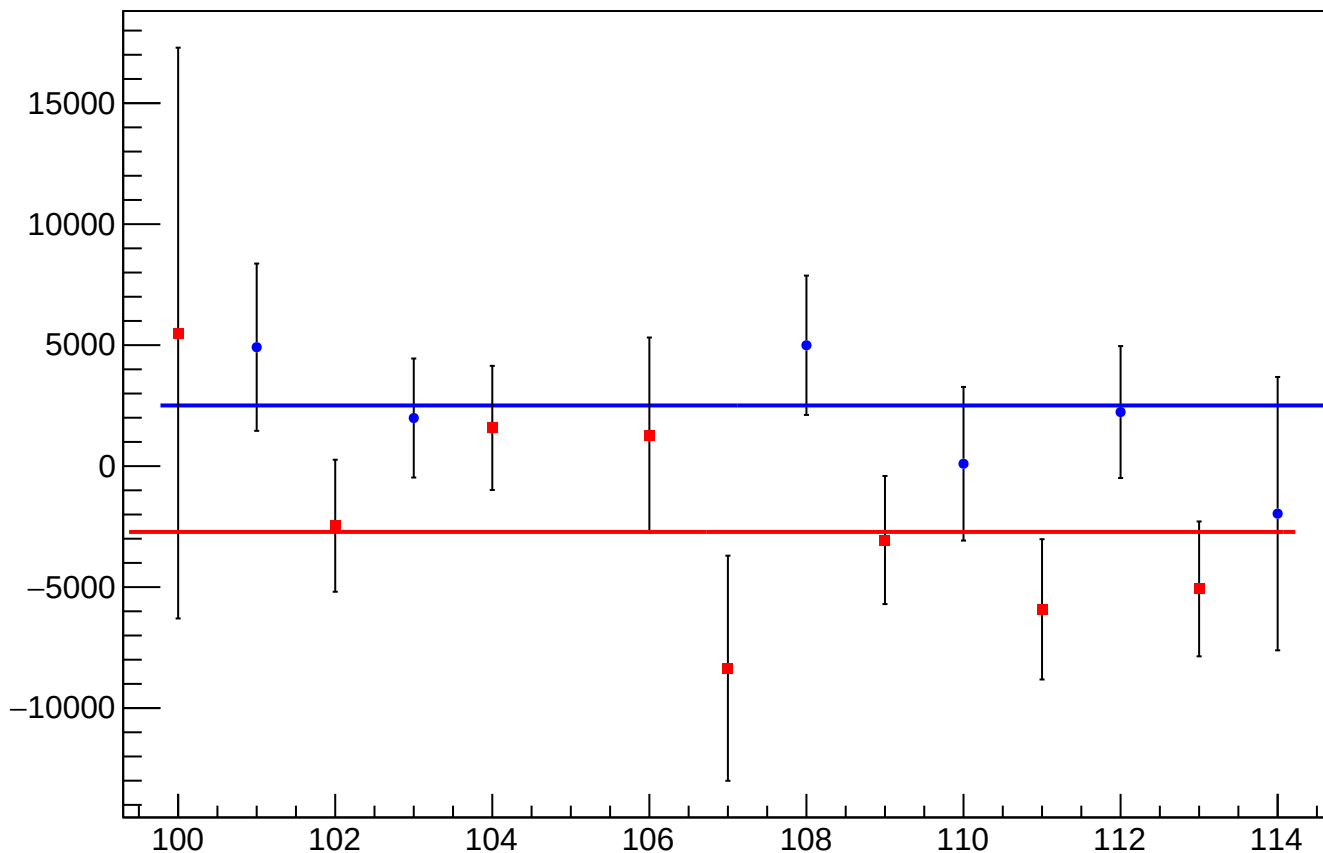
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3010149.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 2507.134+/-1255.257 χ^2/NDF : 2.5/5

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

Right Out: -2719.453+/-1123.961 χ^2/NDF : 7.7/7

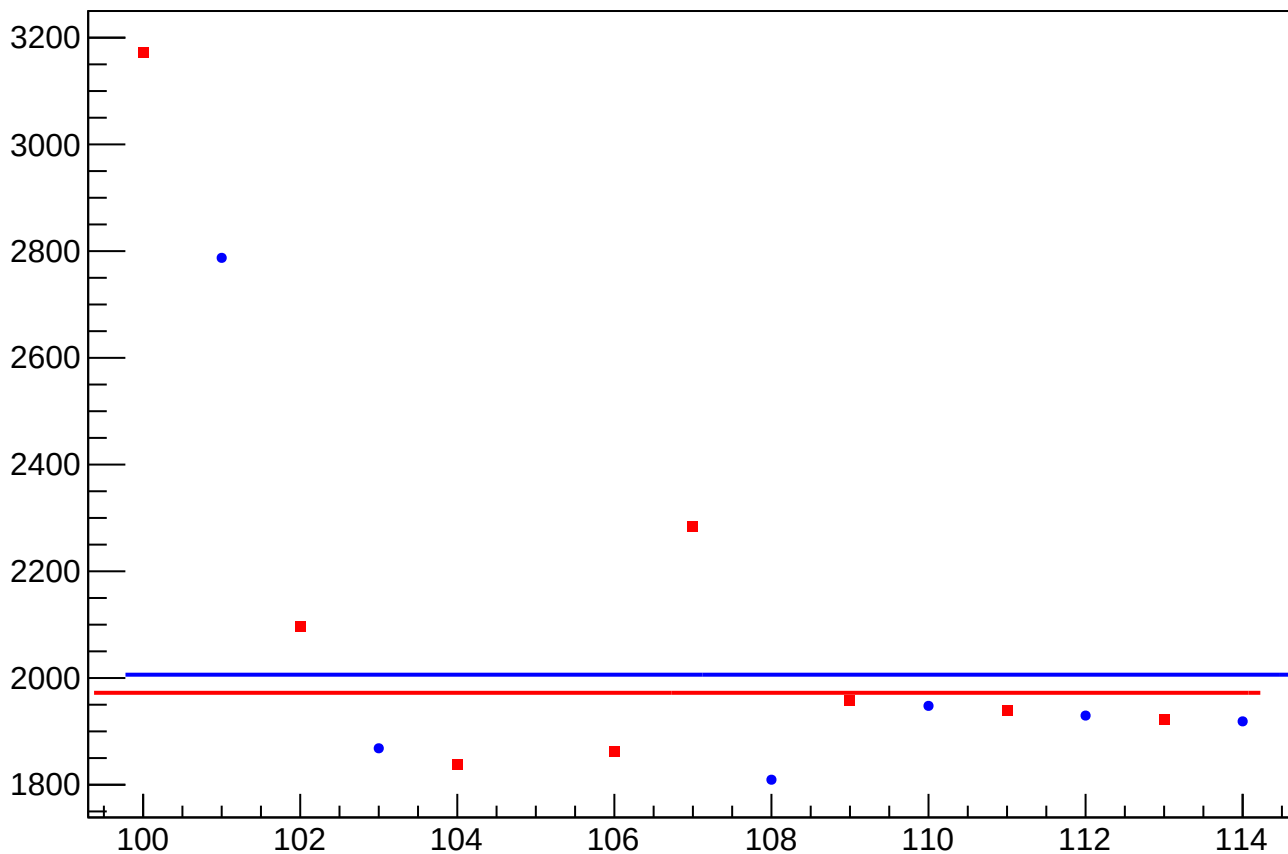
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.710+/-837.345 χ^2/NDF : 19.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_rms vs Slug



Right In: 2006.240 $\pm$ 0.888 χ^2 /NDF: 120500.6/5

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

Right Out: 1972.309 $\pm$ 0.795 χ^2 /NDF: 41747.6/7

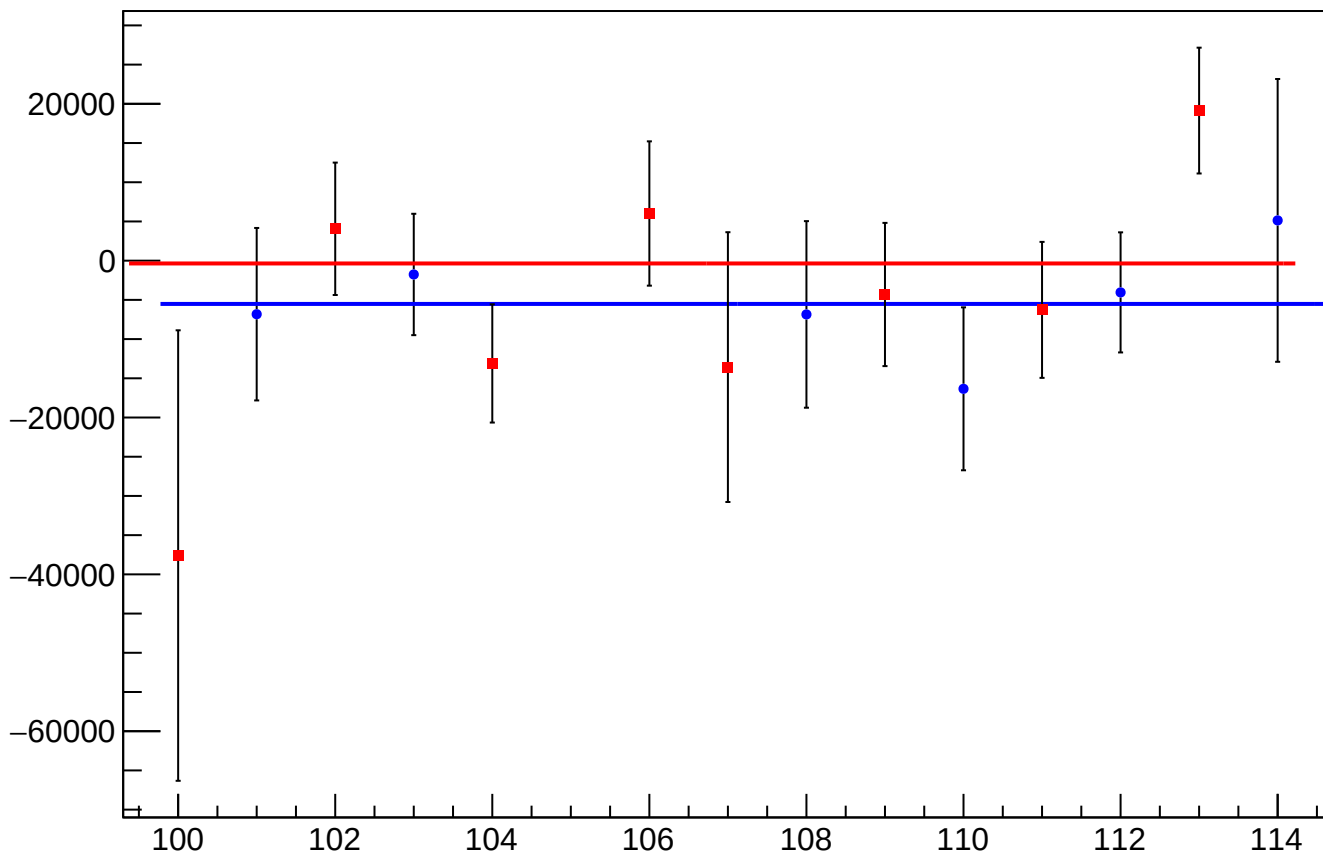
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1987.408 $\pm$ 0.592 χ^2 /NDF: 163059.4/13

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

asym_atl2_reg_correction_mean vs Slug



Right In: -5516.358 $\pm$ 4034.452 χ^2/NDF : 1.7/5

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

Right Out: -355.959 $\pm$ 3354.343 χ^2/NDF : 12.4/7

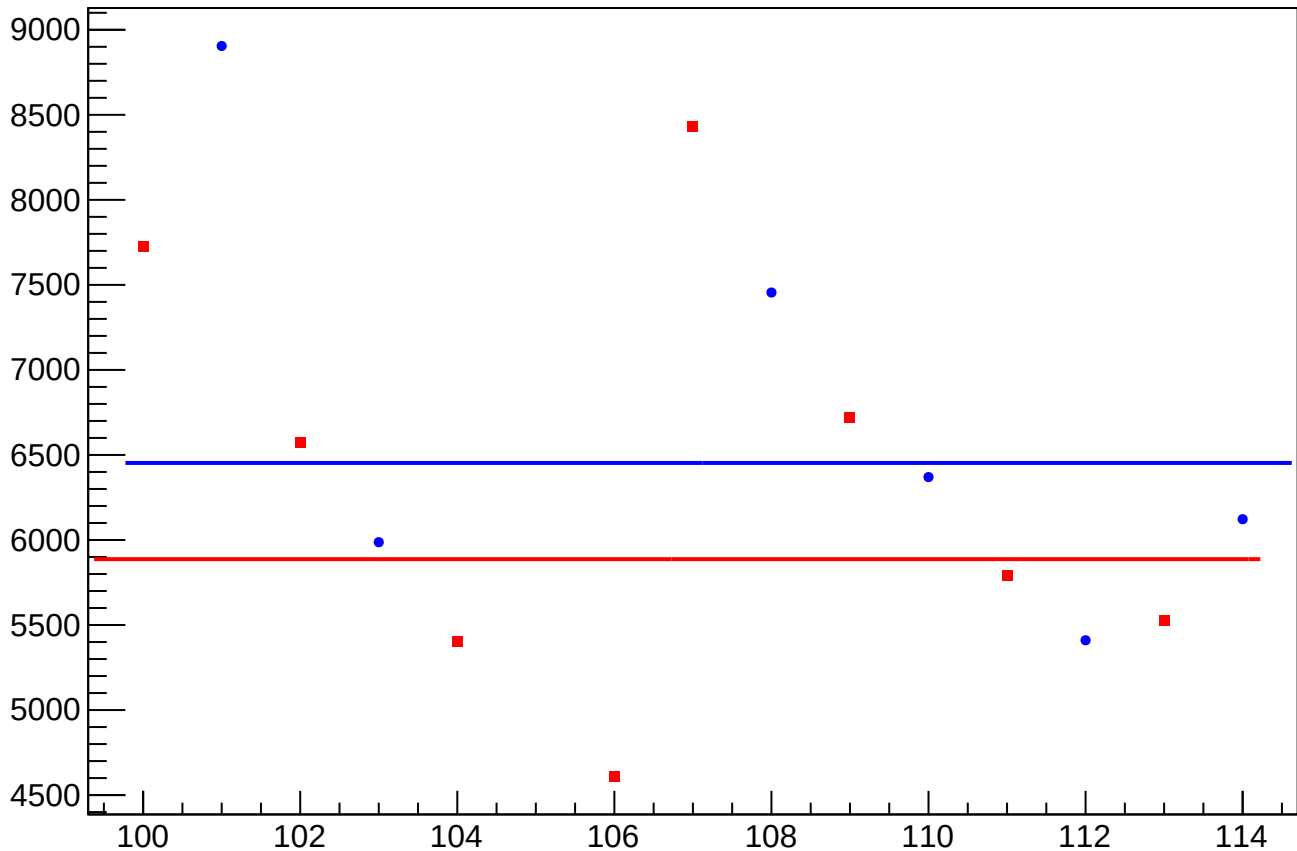
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -2465.155 $\pm$ 2579.297 χ^2/NDF : 15.1/13

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

asym_atl2_reg_correction_rms vs Slug



Right In: 6453.059+/-2.853 χ^2/NDF : 158768.4/5

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

Right Out: 5887.320+/-2.372 χ^2/NDF : 133131.5/7

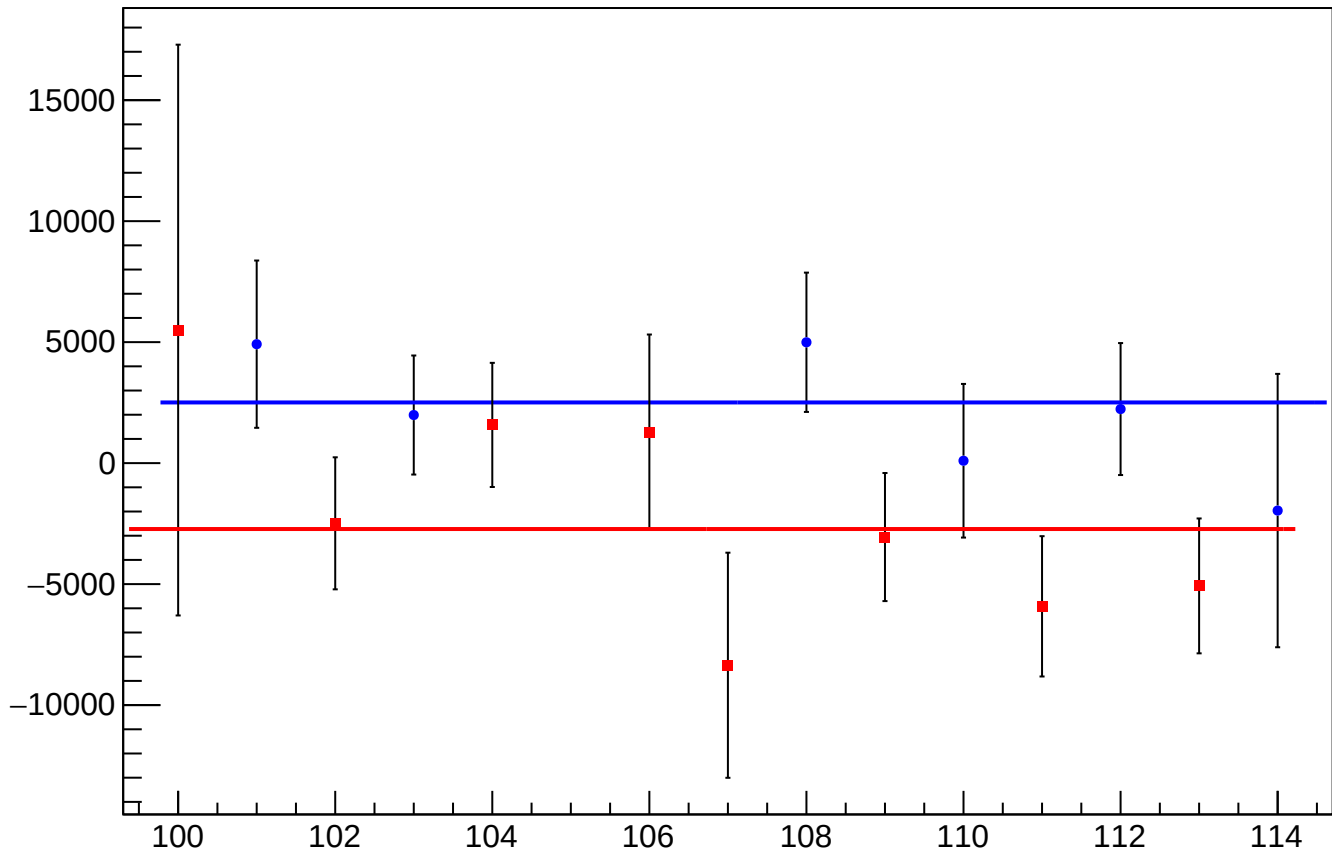
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6118.553+/-1.824 χ^2/NDF : 315153.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl2_mean vs Slug



Right In: 2507.527 $\pm$ 1255.257 χ^2 /NDF: 2.5/5

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

Right Out: -2723.593 $\pm$ 1123.986 χ^2 /NDF: 7.7/7

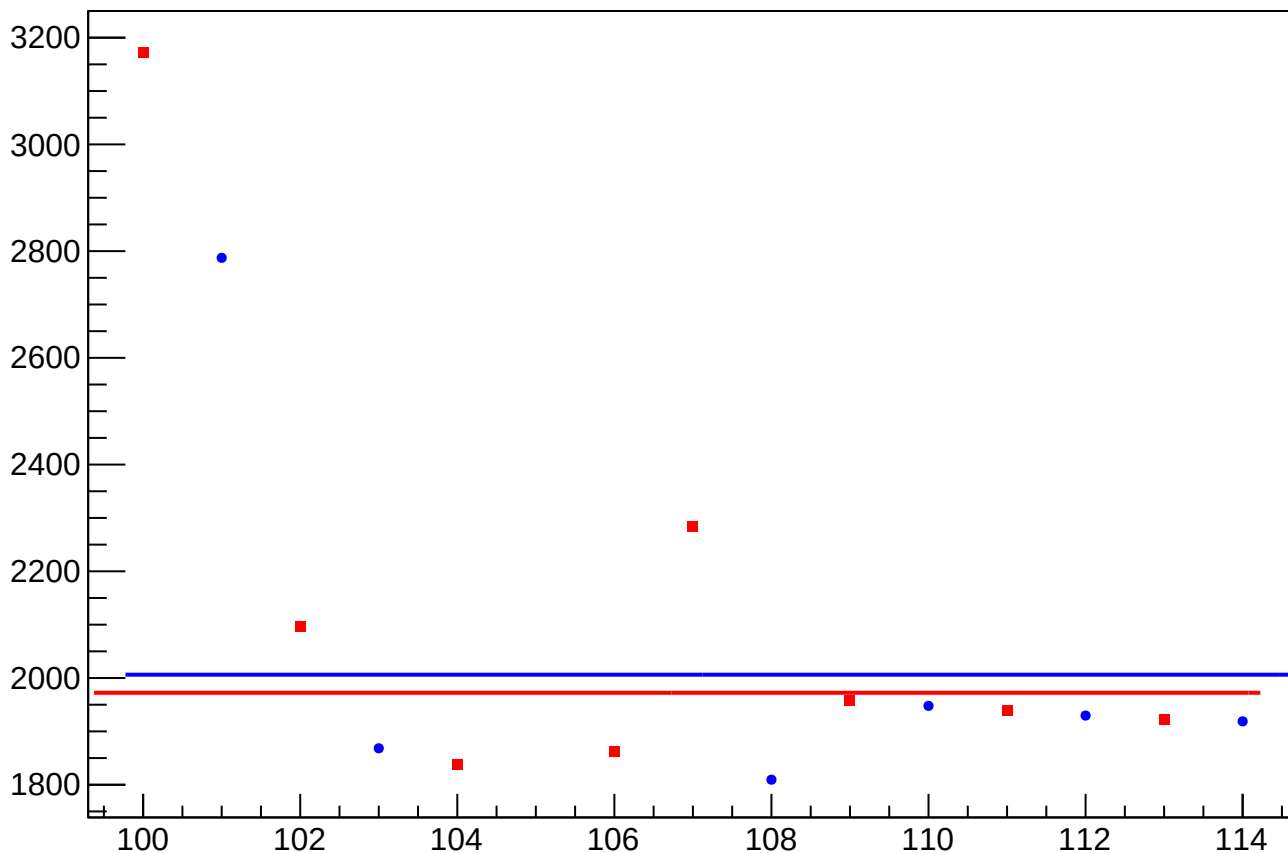
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -395.776 $\pm$ 837.355 χ^2 /NDF: 19.8/13

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

cor_asym_atl2_rms vs Slug



Right In: 2006.240+/-0.888 χ^2/NDF : 120500.4/5

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

Right Out: 1972.354+/-0.795 χ^2/NDF : 41766.5/7

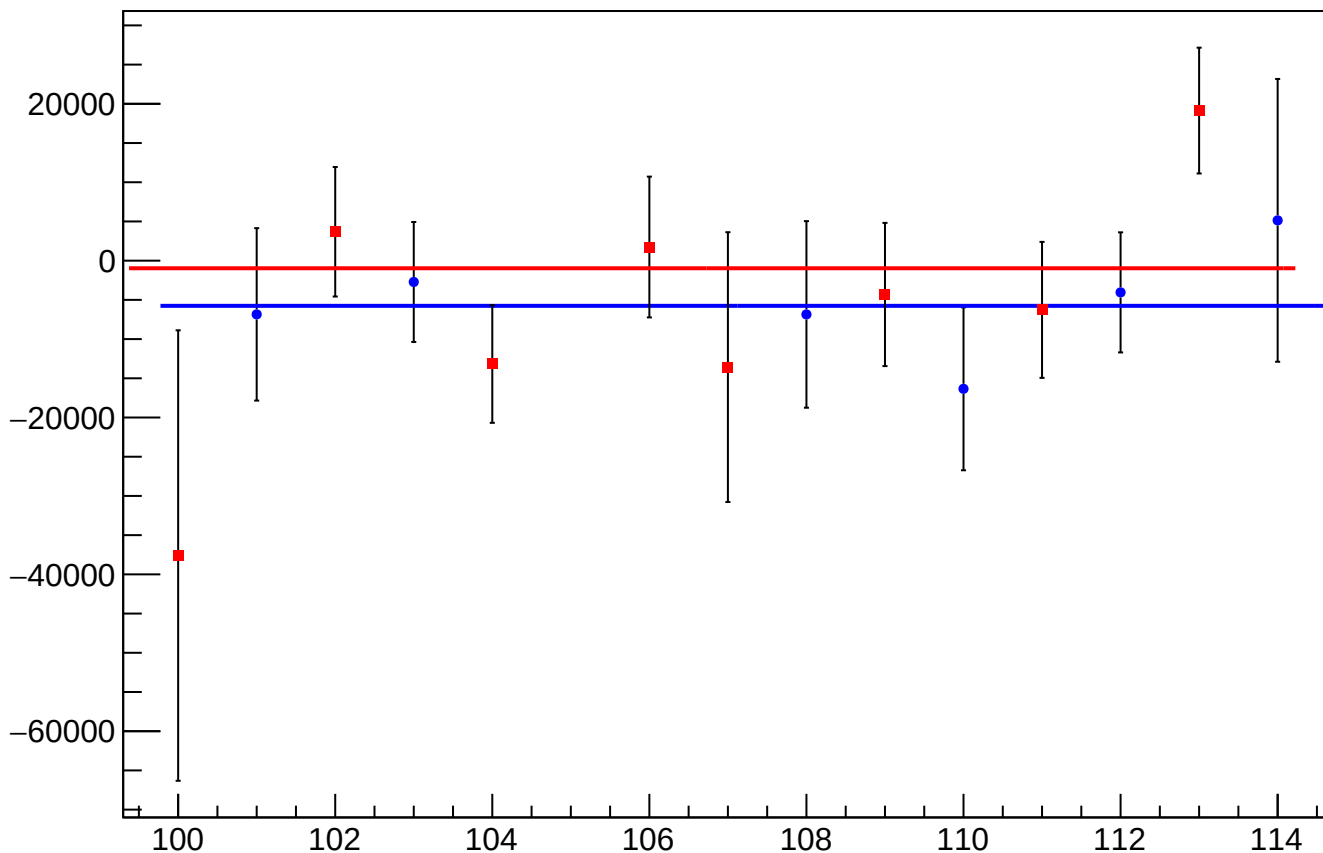
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.433+/-0.592 χ^2/NDF : 163075.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_mean vs Slug



Right In: -5760.189+/-4021.441 χ^2 /NDF: 1.6/5

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

Right Out: -968.157+/-3328.540 χ^2 /NDF: 12.0/7

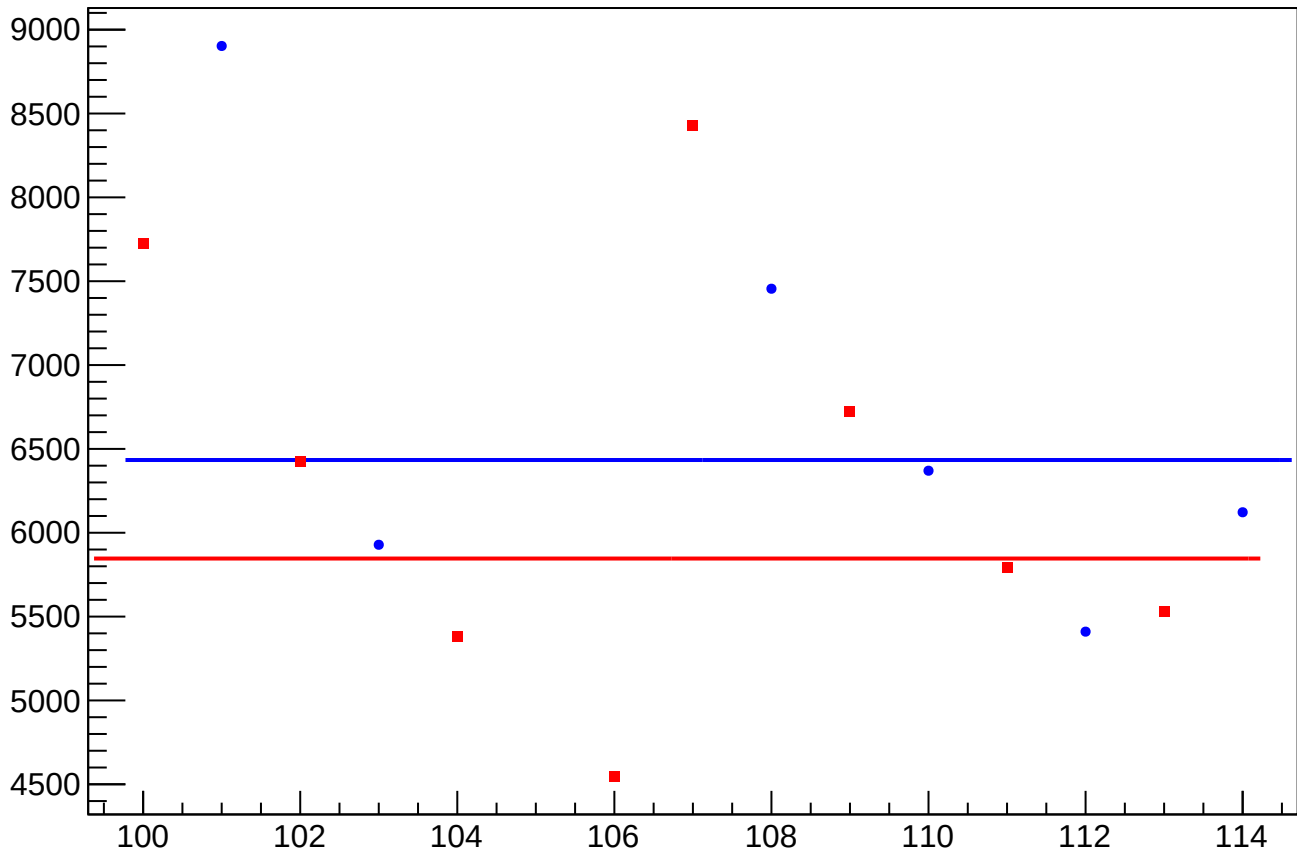
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2916.396+/-2564.147 χ^2 /NDF: 14.5/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_cor_correction_rms vs Slug



Right In: 6433.771+/-2.844 χ^2/NDF : 160760.5/5

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

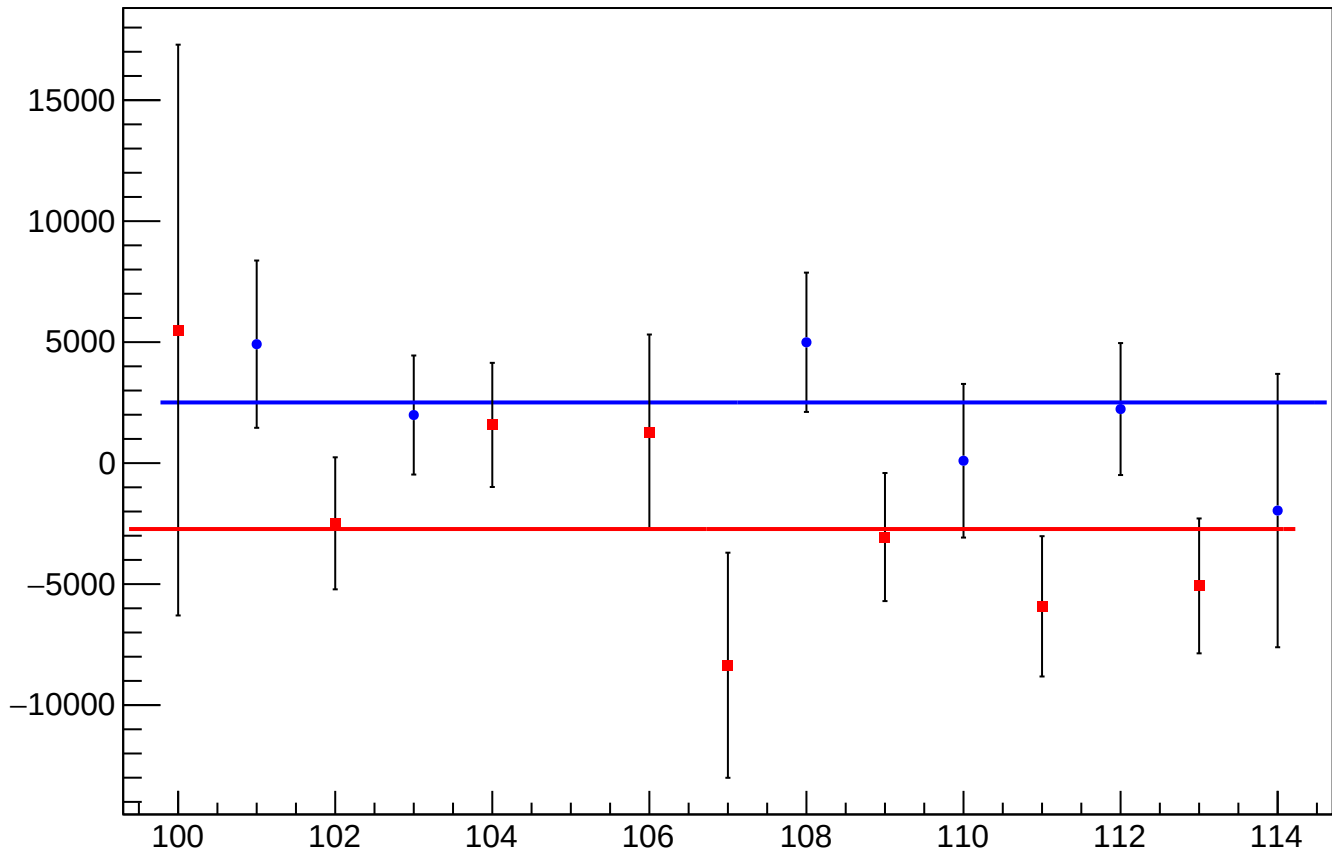
Right Out: 5846.216+/-2.354 χ^2/NDF : 134954.4/7

All: 6085.091+/-1.813 χ^2/NDF : 321051.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_atl2_mean vs Slug



Right In: 2507.527 $\pm$ 1255.257 χ^2 /NDF: 2.5/5

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

Right Out: -2723.593 $\pm$ 1123.986 χ^2 /NDF: 7.7/7

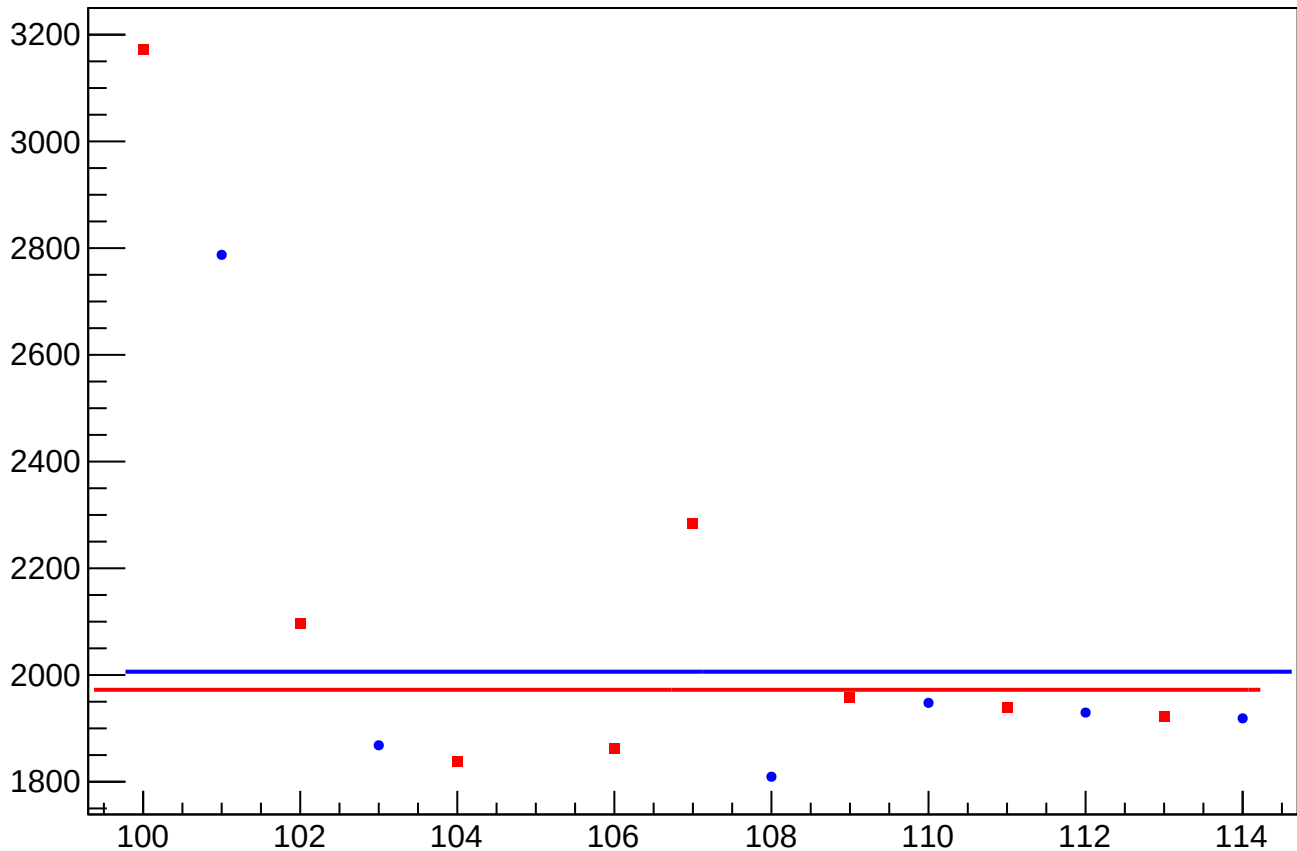
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -395.776 $\pm$ 837.355 χ^2 /NDF: 19.8/13

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

eigen_cor_asym_atl2_rms vs Slug



Right In: 2006.240 $\pm$ 0.888 χ^2 /NDF: 120500.4/5

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

Right Out: 1972.354 $\pm$ 0.795 χ^2 /NDF: 41766.5/7

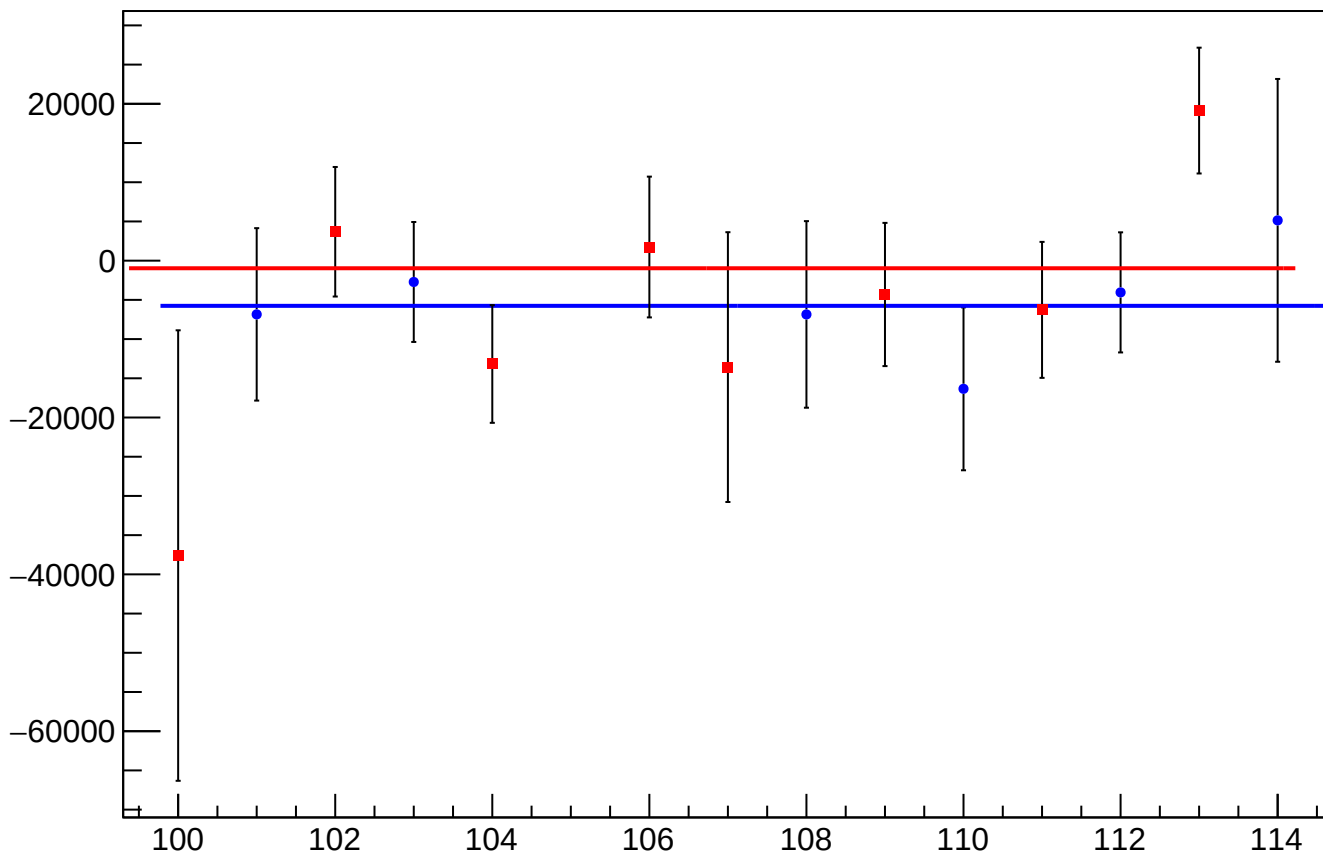
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1987.433 $\pm$ 0.592 χ^2 /NDF: 163075.8/13

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

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: -5760.189+/-4021.441 χ^2/NDF : 1.6/5

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

Right Out: -968.157+/-3328.540 χ^2/NDF : 12.0/7

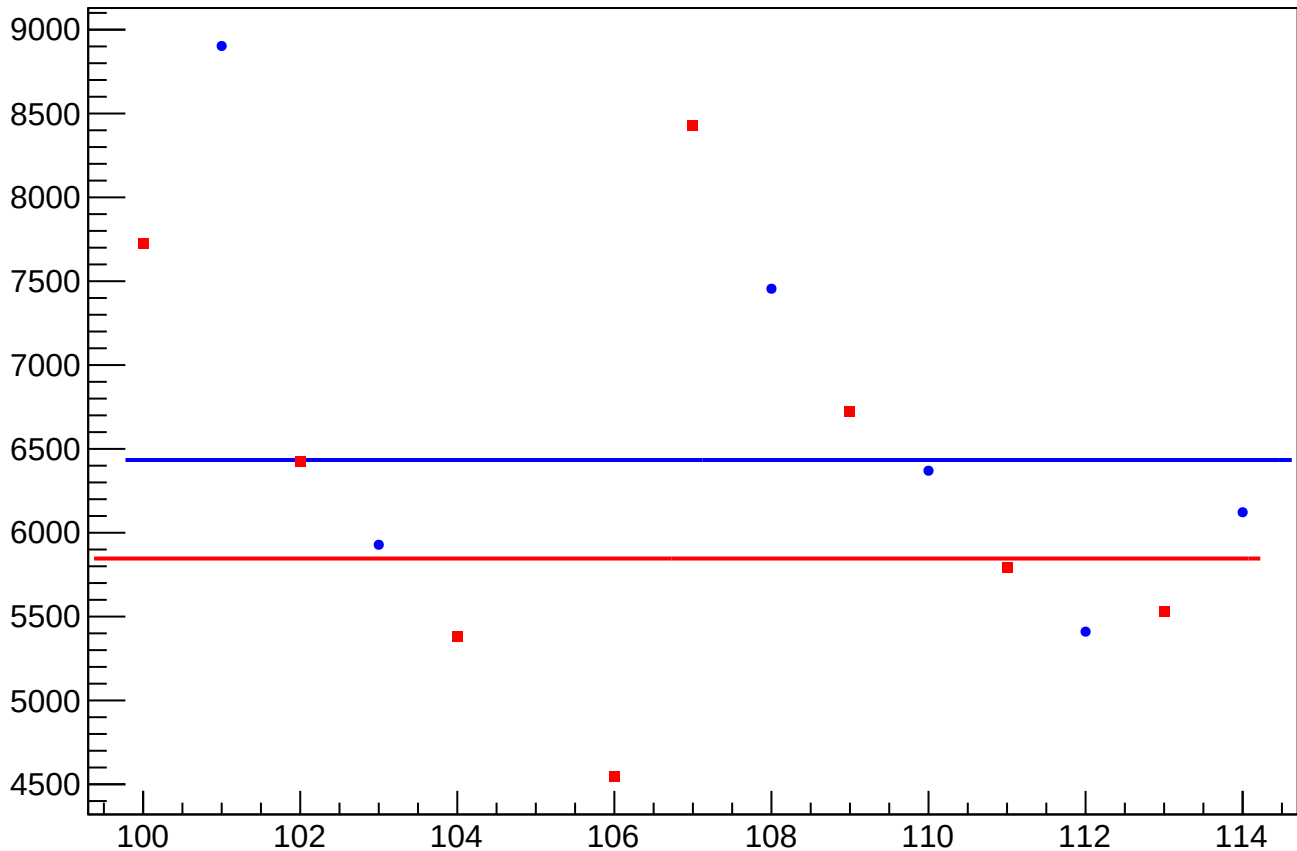
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2916.396+/-2564.147 χ^2/NDF : 14.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 6433.771+/-2.844 χ^2/NDF : 160760.5/5

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

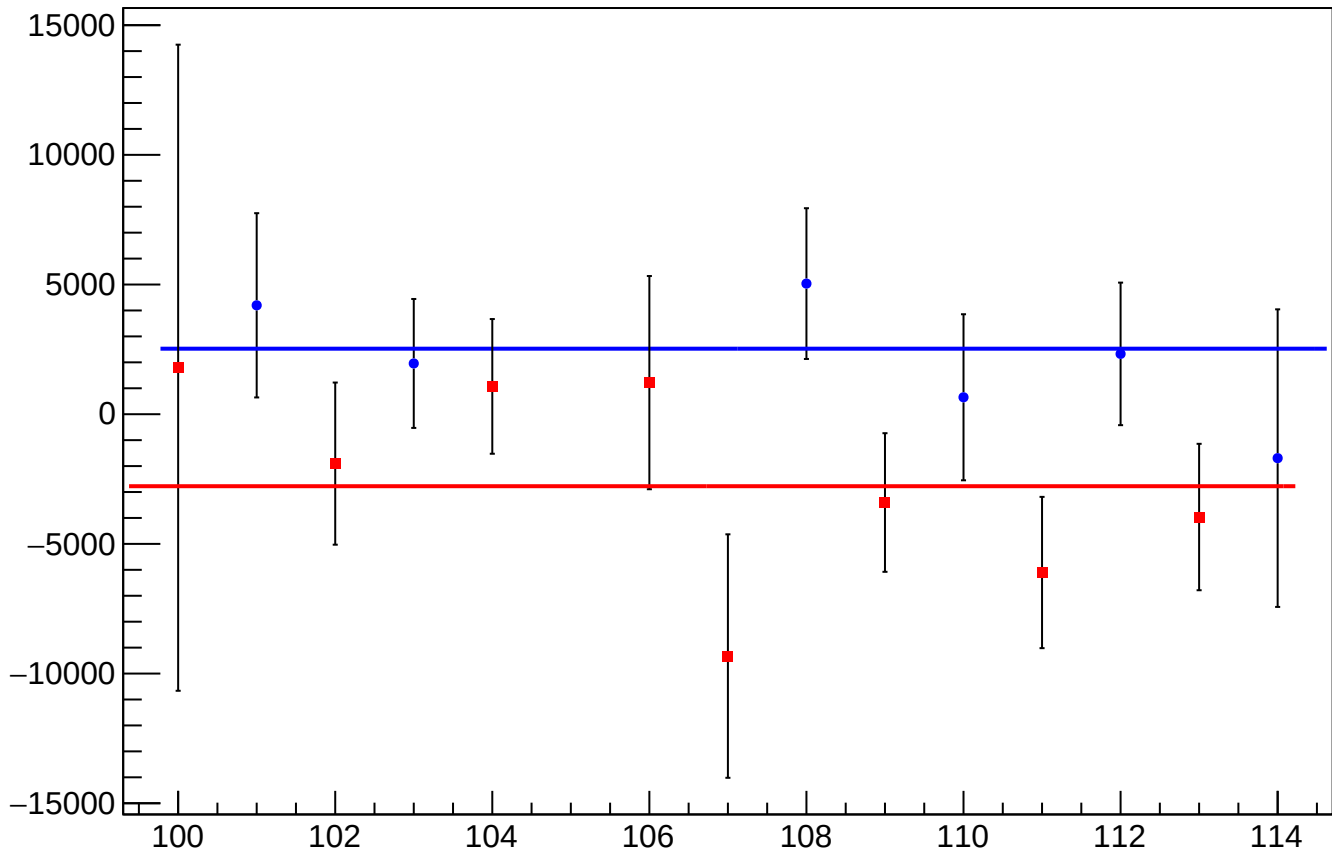
Right Out: 5846.216+/-2.354 χ^2/NDF : 134954.4/7

All: 6085.091+/-1.813 χ^2/NDF : 321051.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_atl2_mean vs Slug



Right In: 2526.302 $\pm$ 1270.141 χ^2 /NDF: 1.9/5

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

Right Out: -2776.105 $\pm$ 1158.758 χ^2 /NDF: 6.8/7

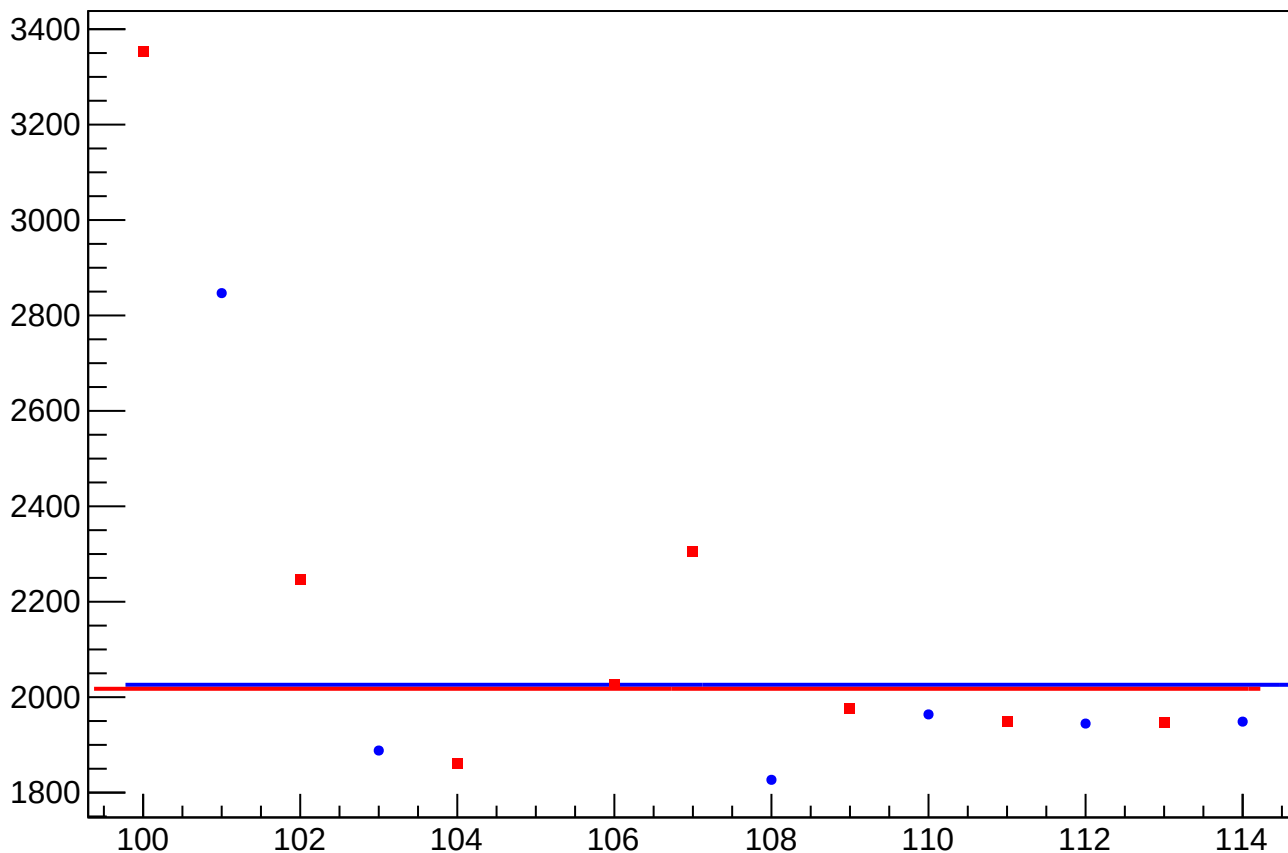
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -367.547 $\pm$ 856.040 χ^2 /NDF: 18.3/13

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

dit_asym_atl2_rms vs Slug



Right In: 2025.957+/-0.898 χ^2/NDF : 125197.2/5

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

Right Out: 2017.566+/-0.817 χ^2/NDF : 51354.4/7

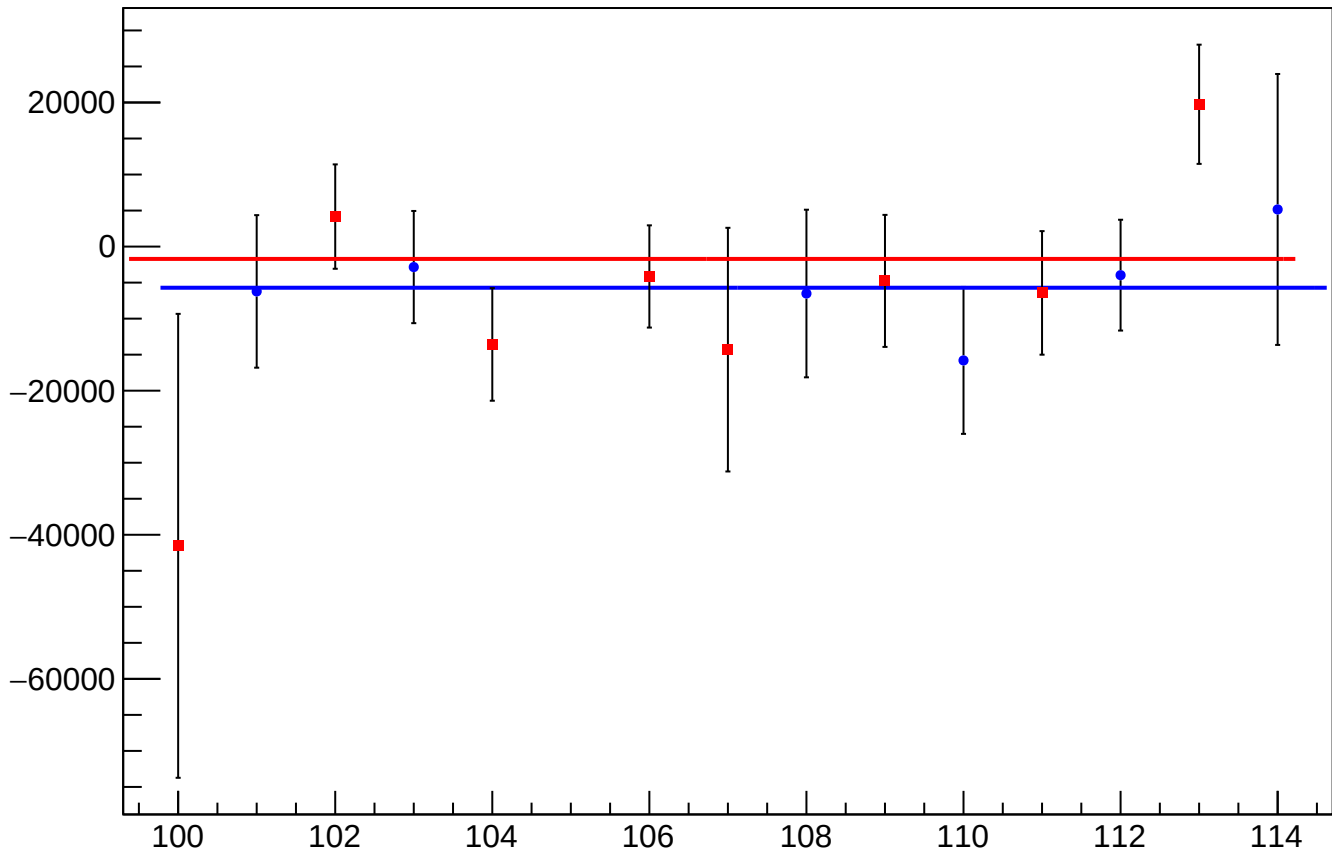
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.364+/-0.604 χ^2/NDF : 176599.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_mean vs Slug



Right In: -5710.682+/-4010.966 χ^2 /NDF: 1.5/5

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

Right Out: -1712.020+/-3164.142 χ^2 /NDF: 12.3/7

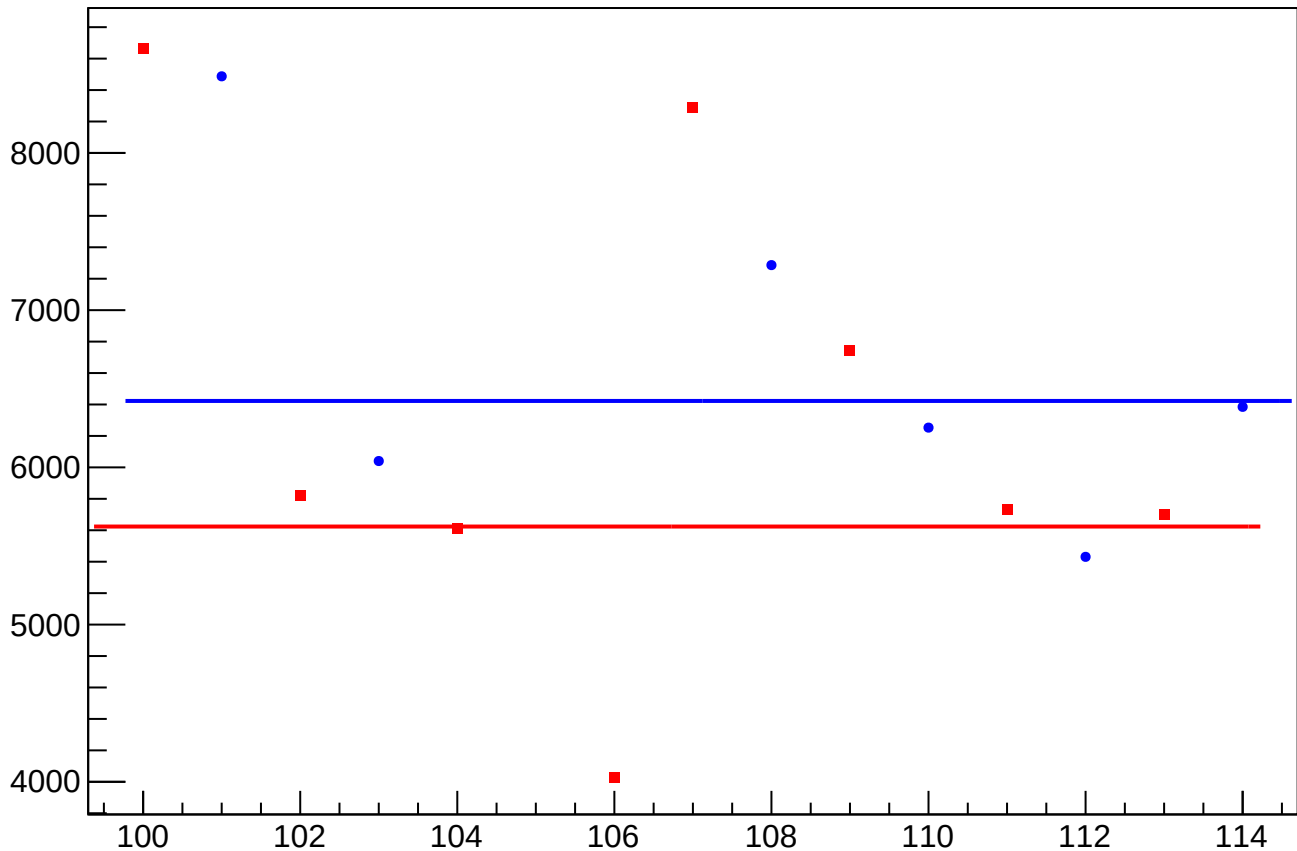
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3245.903+/-2484.206 χ^2 /NDF: 14.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 6422.530 $\pm$ 2.836 χ^2 /NDF: 125746.9/5

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

Right Out: 5623.690 $\pm$ 2.237 χ^2 /NDF: 200292.9/7

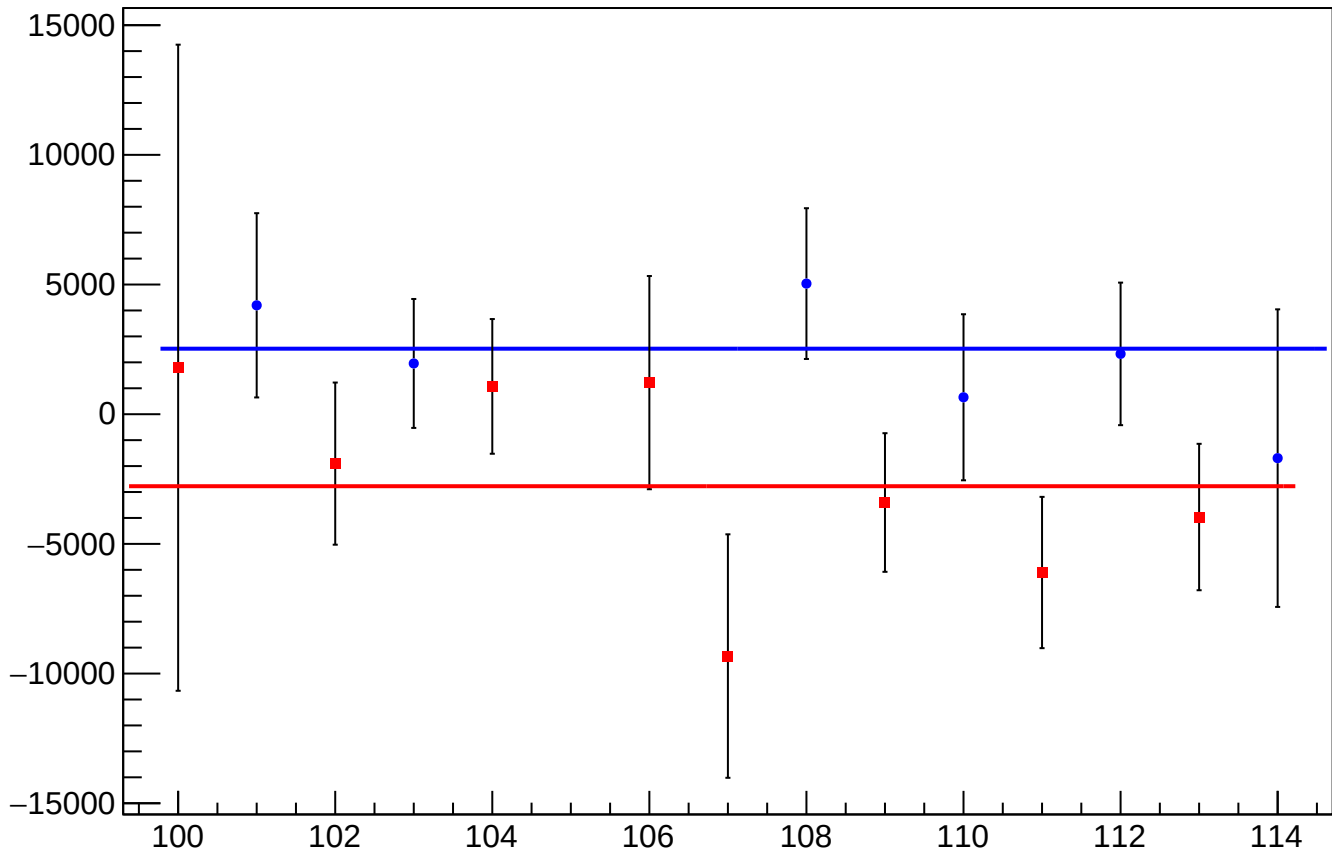
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 5930.124 $\pm$ 1.757 χ^2 /NDF: 374940.4/13

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

eigen_dit_asym_atl2_mean vs Slug



Right In: 2526.317 $\pm$ 1270.142 χ^2 /NDF: 1.9/5

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

Right Out: -2776.120 $\pm$ 1158.758 χ^2 /NDF: 6.8/7

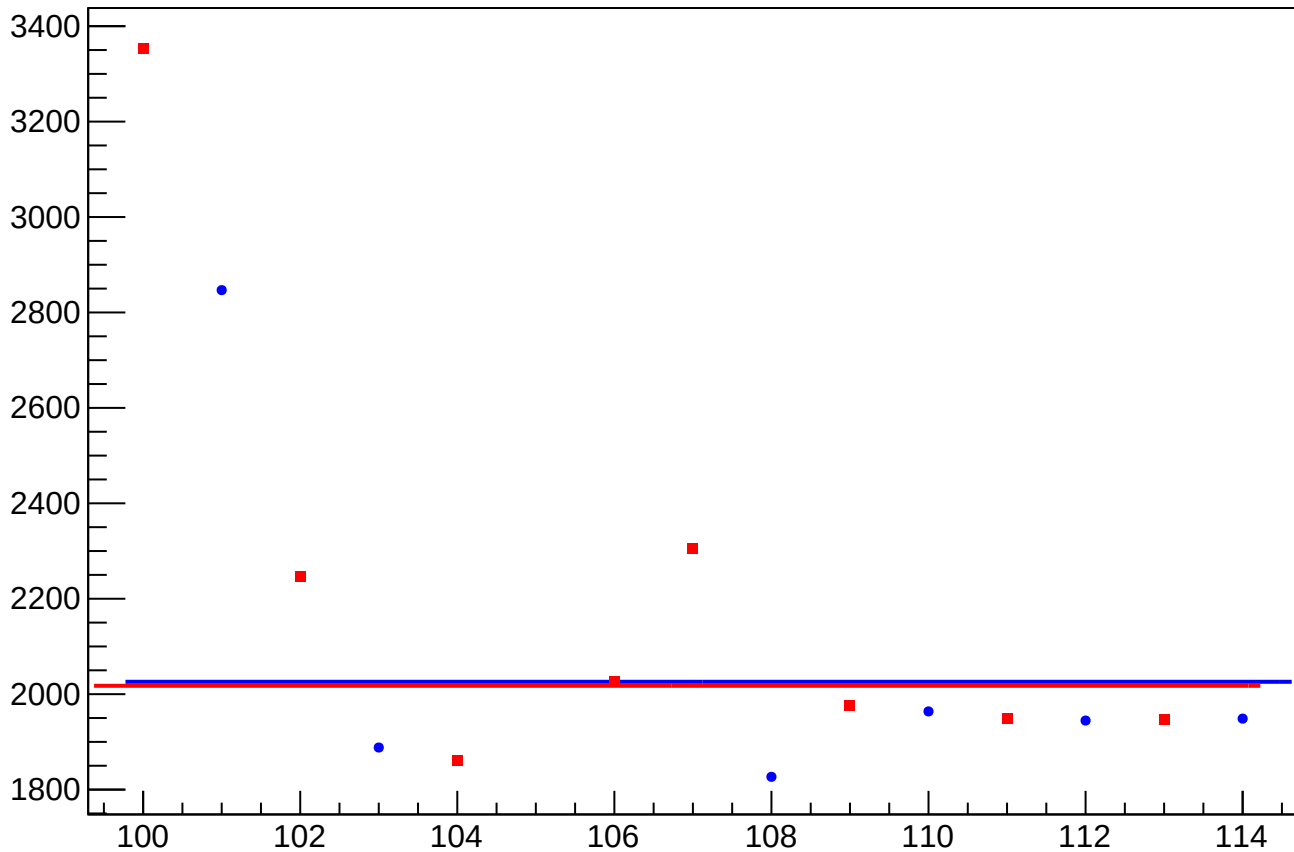
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -367.549 $\pm$ 856.040 χ^2 /NDF: 18.3/13

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

eigen_dit_asym_atl2_rms vs Slug



Right In: 2025.958 $\pm$ 0.898 χ^2 /NDF: 125196.7/5

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

Right Out: 2017.566 $\pm$ 0.817 χ^2 /NDF: 51354.4/7

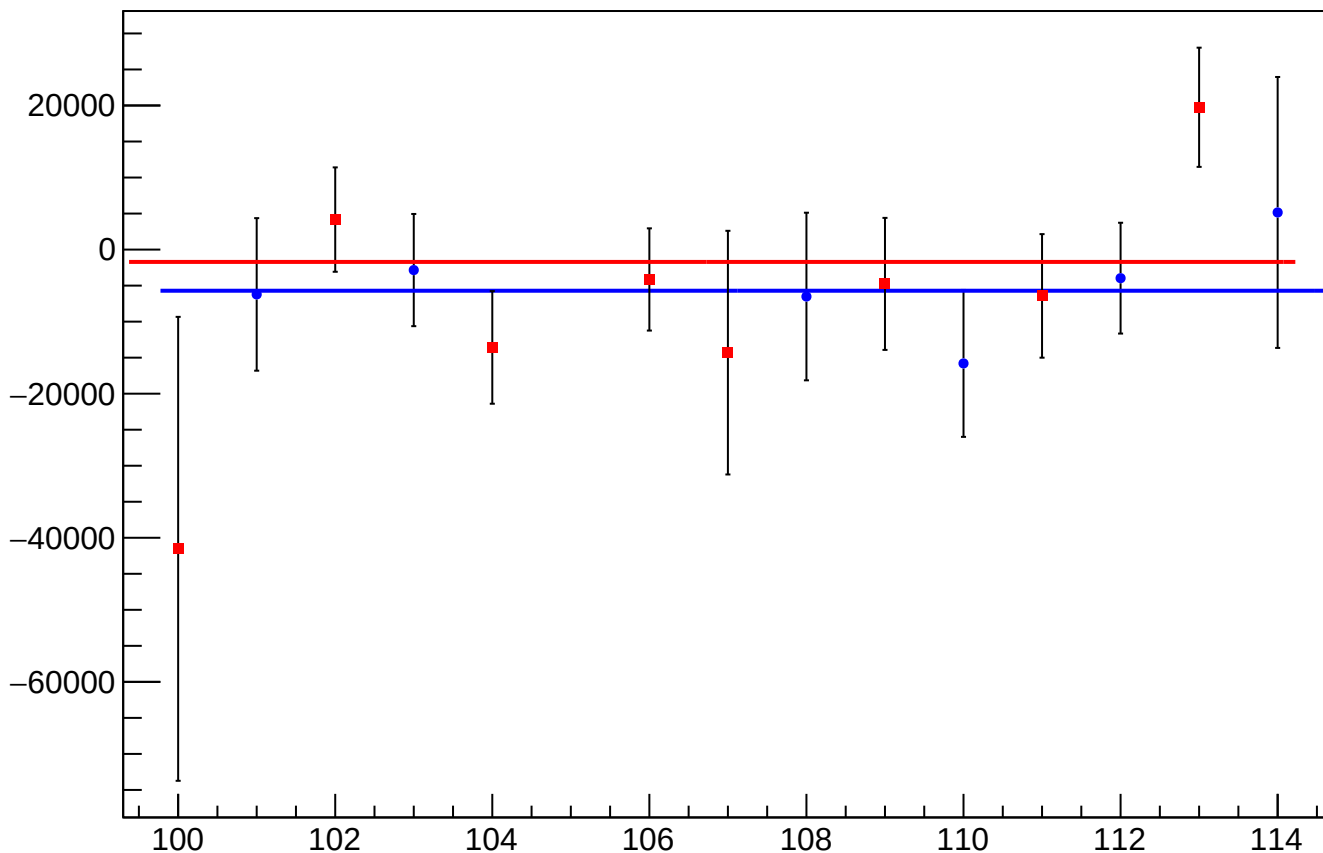
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2021.364 $\pm$ 0.604 χ^2 /NDF: 176599.0/13

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

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: -5710.671+/-4010.957 χ^2/NDF : 1.5/5

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

Right Out: -1712.022+/-3164.136 χ^2/NDF : 12.3/7

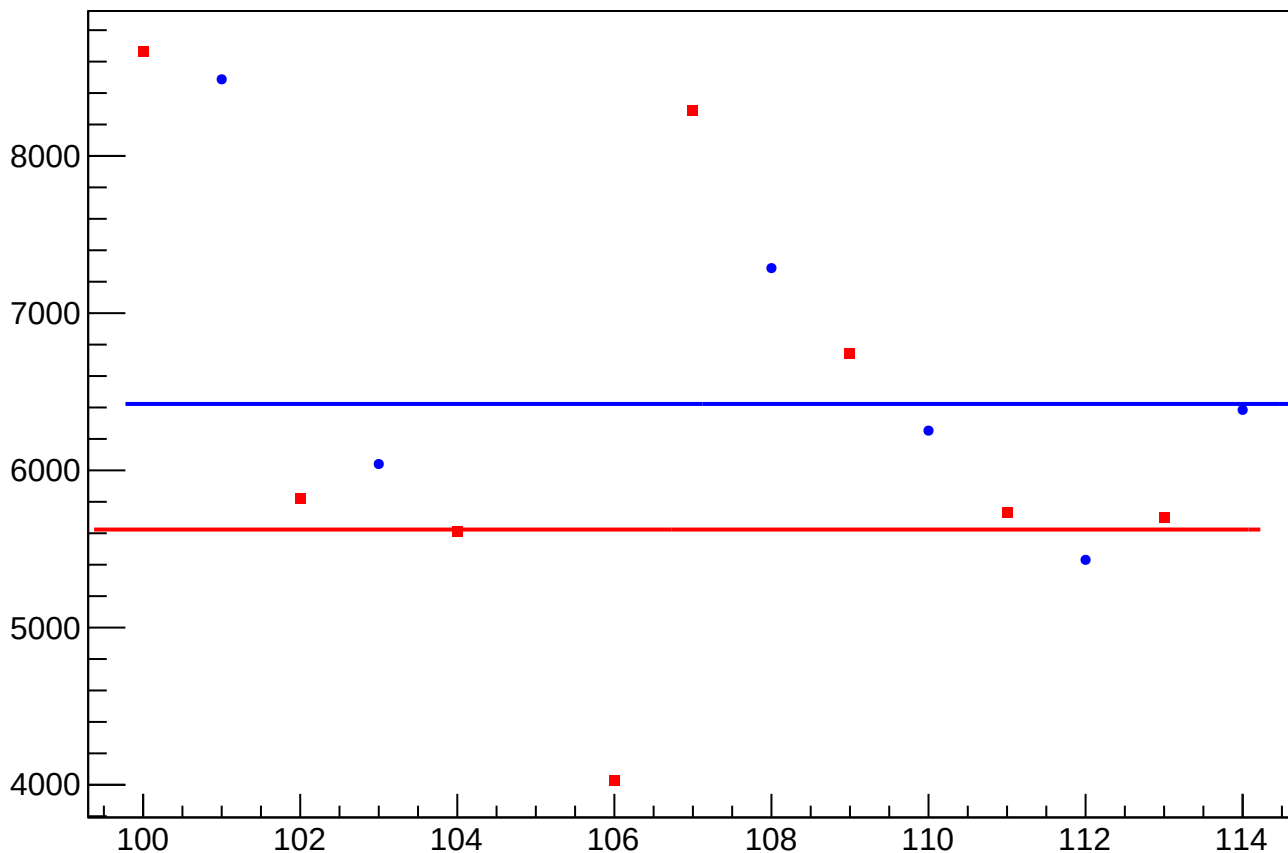
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3245.900+/-2484.201 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 6422.516+/-2.836 χ^2/NDF : 125747.1/5

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

Right Out: 5623.678+/-2.237 χ^2/NDF : 200293.9/7

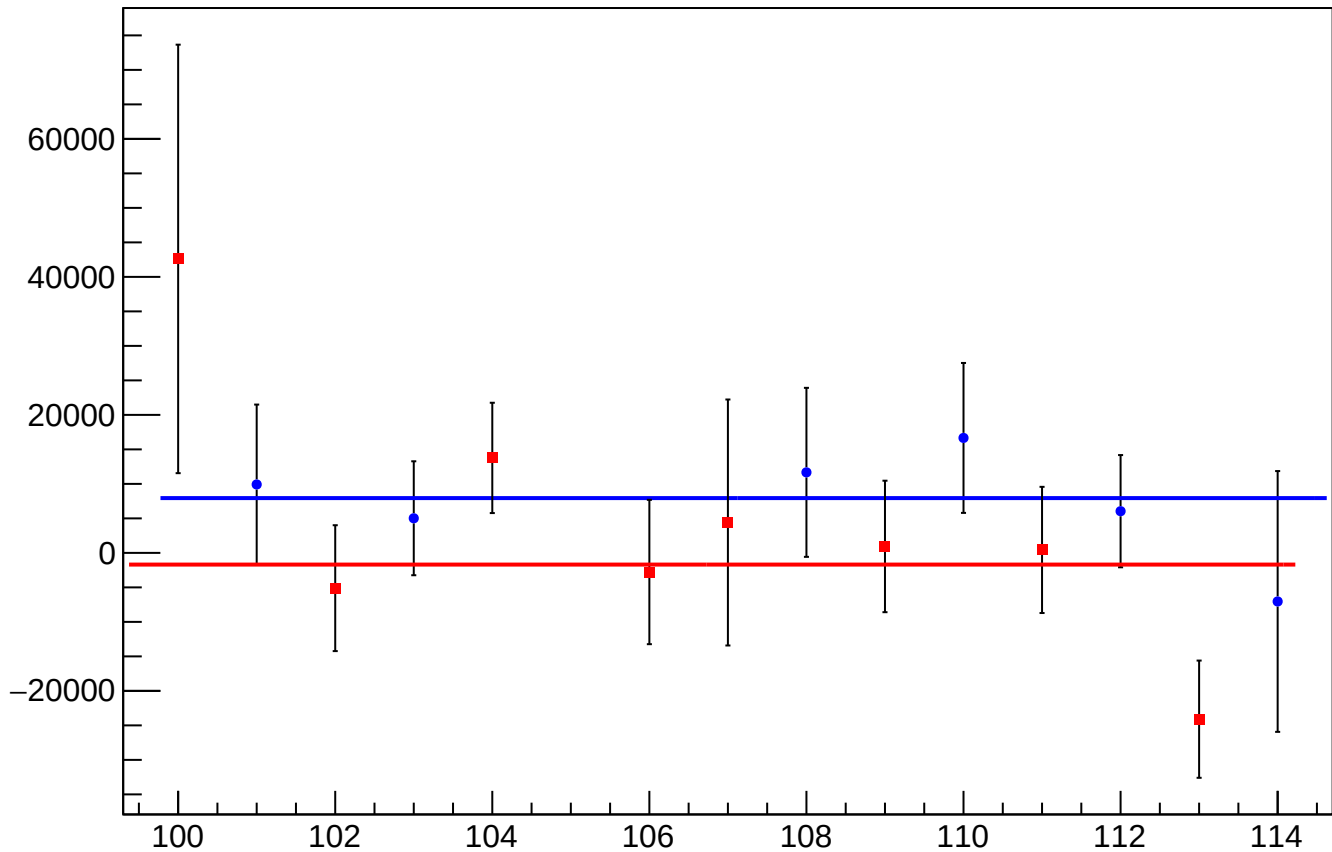
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5930.112+/-1.757 χ^2/NDF : 374941.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



Right In: 7940.671+/-4257.028 χ^2/NDF : 1.6/5

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

Right Out: -1695.241+/-3584.482 χ^2/NDF : 13.1/7

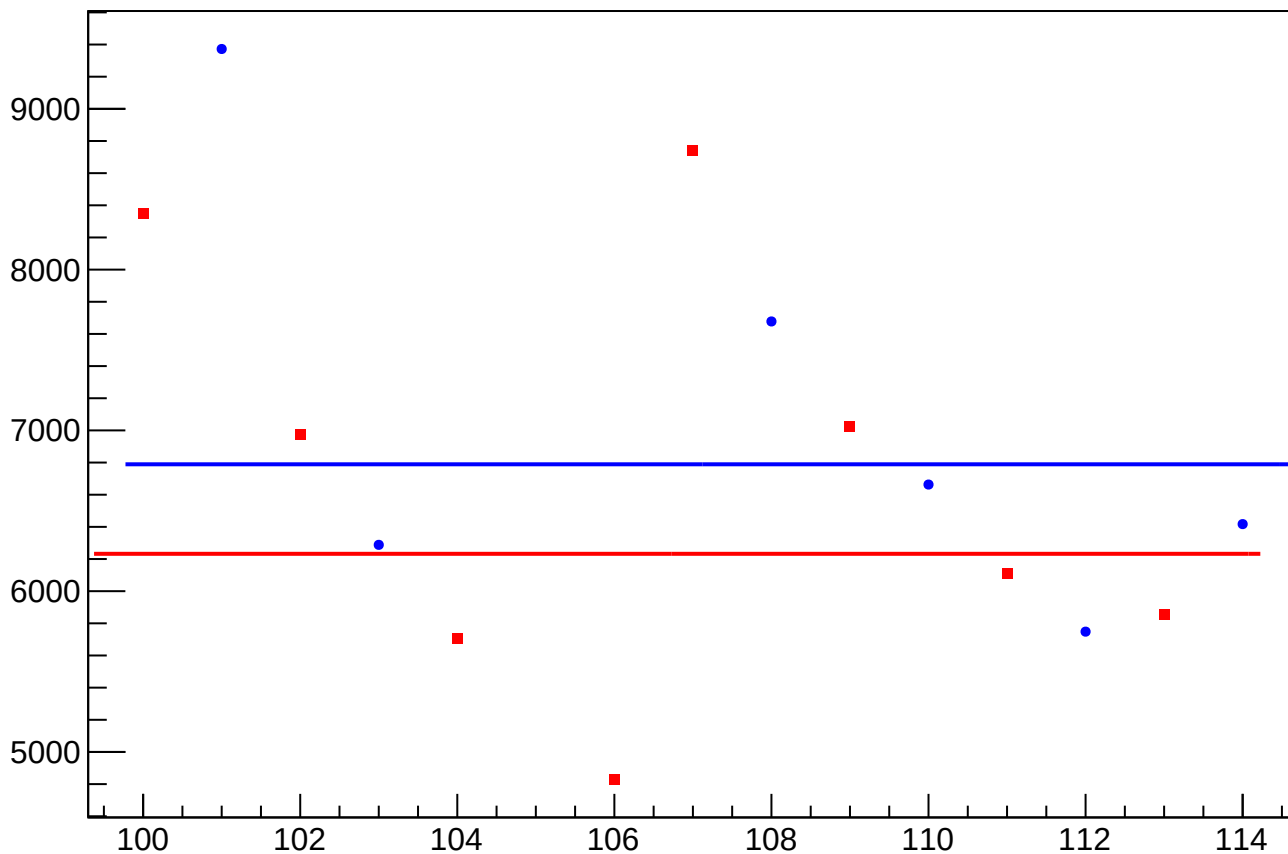
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.302+/-2741.932 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_rms vs Slug



Right In: 6789.167+/-3.010 χ^2/NDF : 151228.1/5

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

Right Out: 6232.404+/-2.535 χ^2/NDF : 124922.5/7

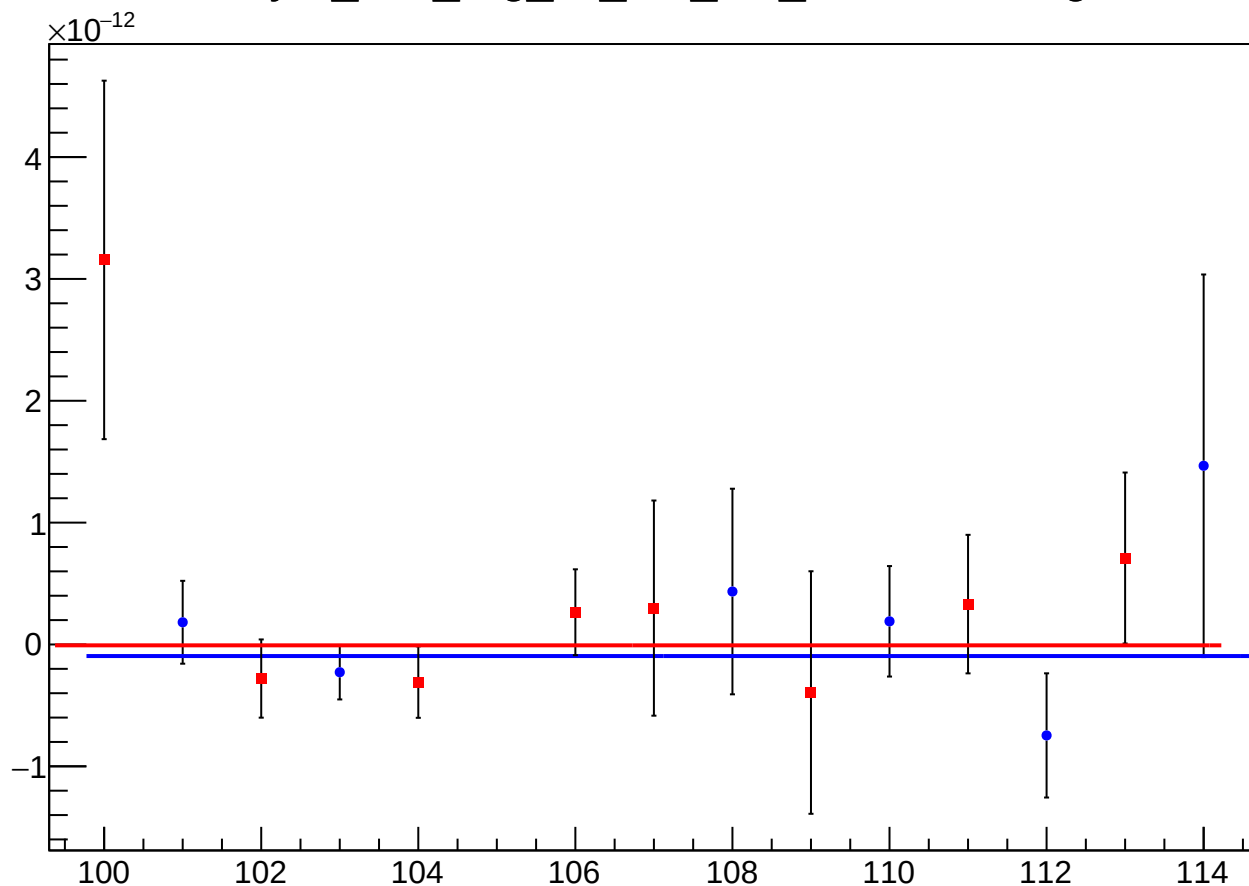
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6463.382+/-1.939 χ^2/NDF : 296168.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.4/5

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.7/7

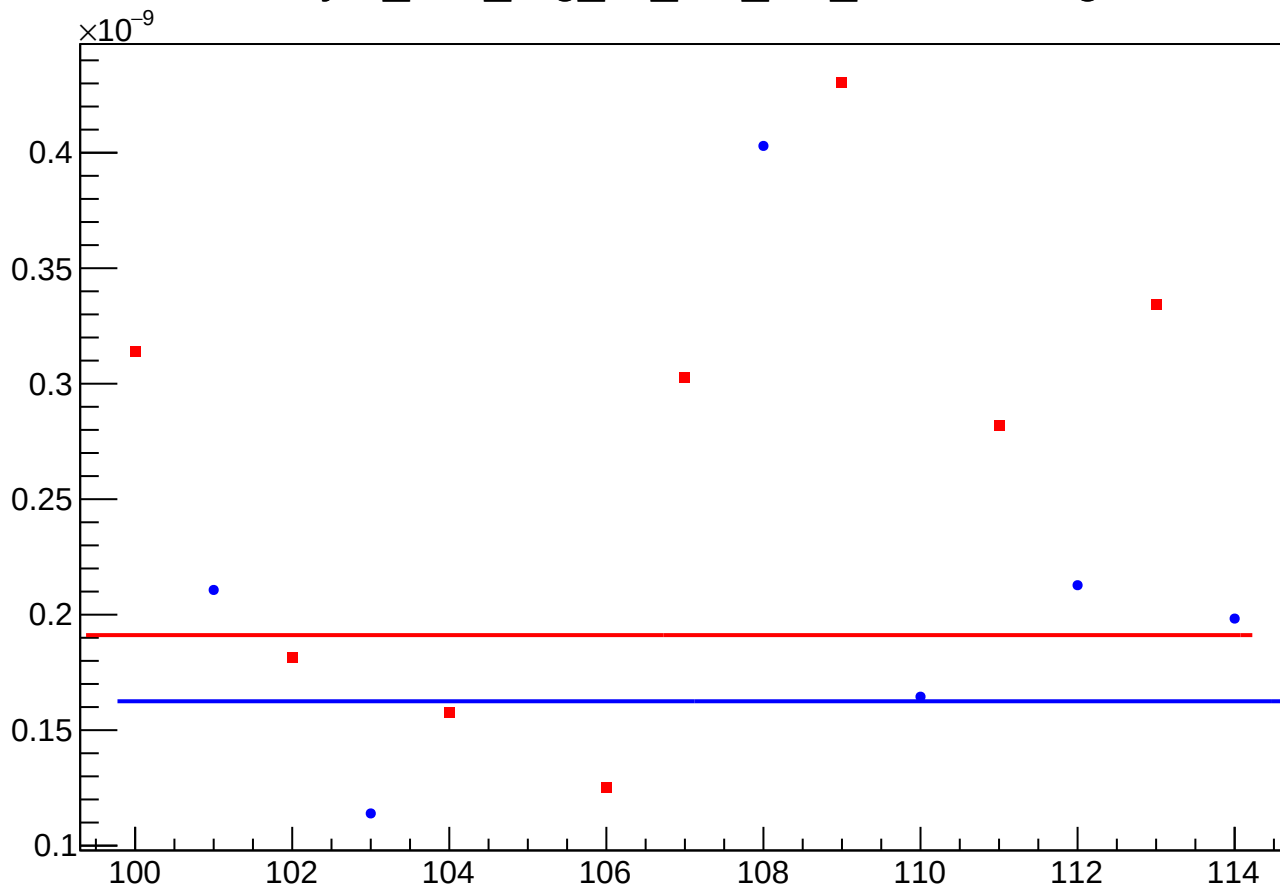
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 317554.7/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 393582.1/7

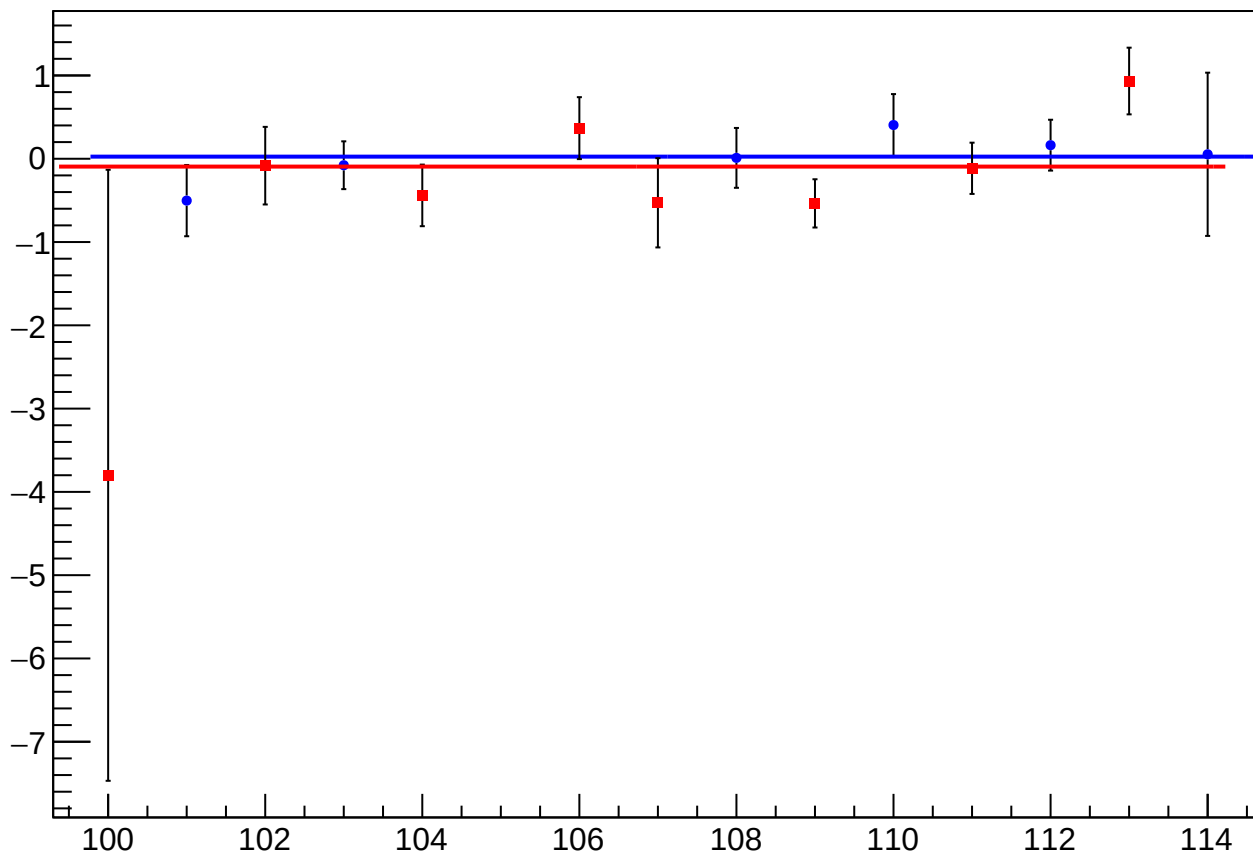
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 742474.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.150 χ^2 /NDF: 2.9/5

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

Right Out: -0.094 $\pm$ 0.139 χ^2 /NDF: 13.0/7

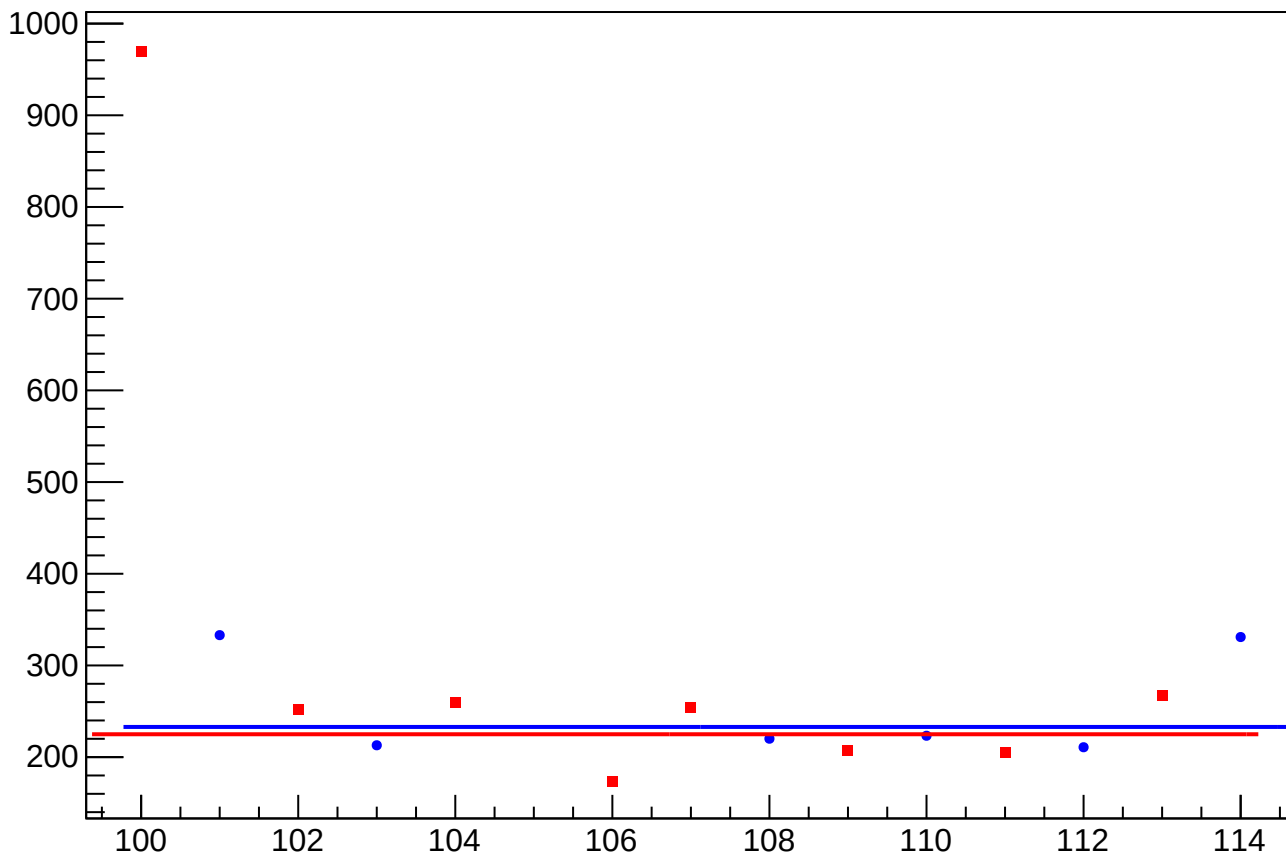
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.039 $\pm$ 0.102 χ^2 /NDF: 16.3/13

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

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 232.933+/-0.106 χ^2/NDF : 153672.5/5

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

Right Out: 224.958+/-0.099 χ^2/NDF : 188573.7/7

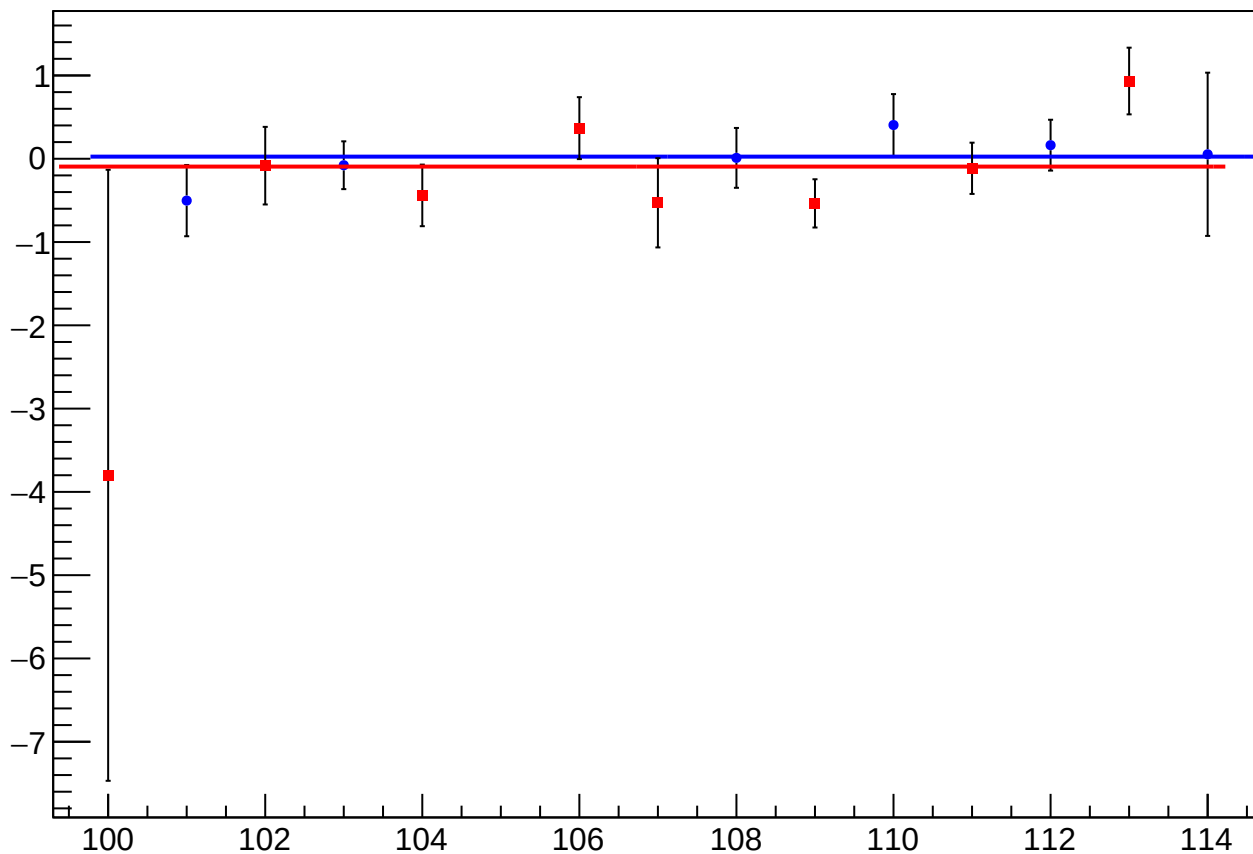
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.651+/-0.072 χ^2/NDF : 345276.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025+/-0.150 χ^2/NDF : 2.9/5

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

Right Out: -0.094+/-0.139 χ^2/NDF : 13.0/7

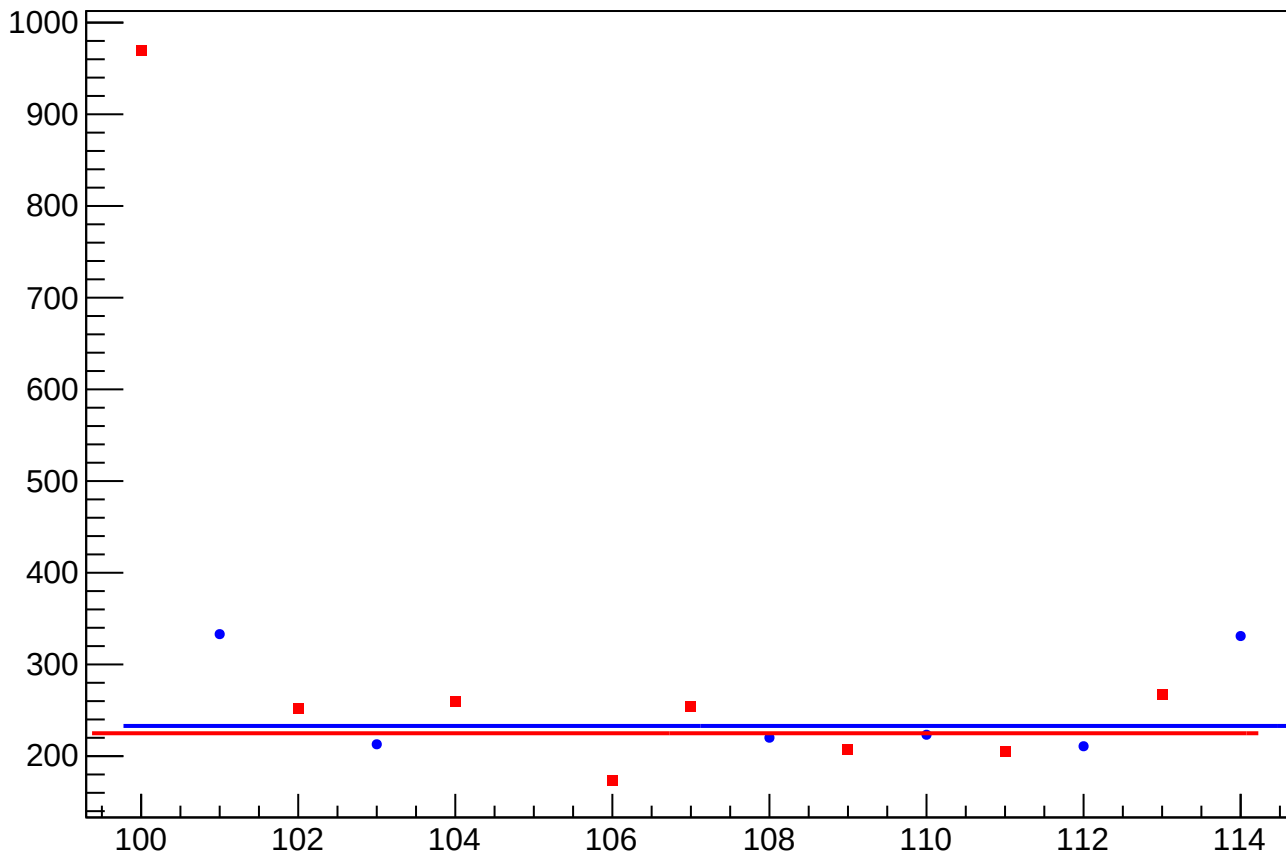
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.039+/-0.102 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 232.933+/-0.106 χ^2/NDF : 153672.5/5

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

Right Out: 224.958+/-0.099 χ^2/NDF : 188573.7/7

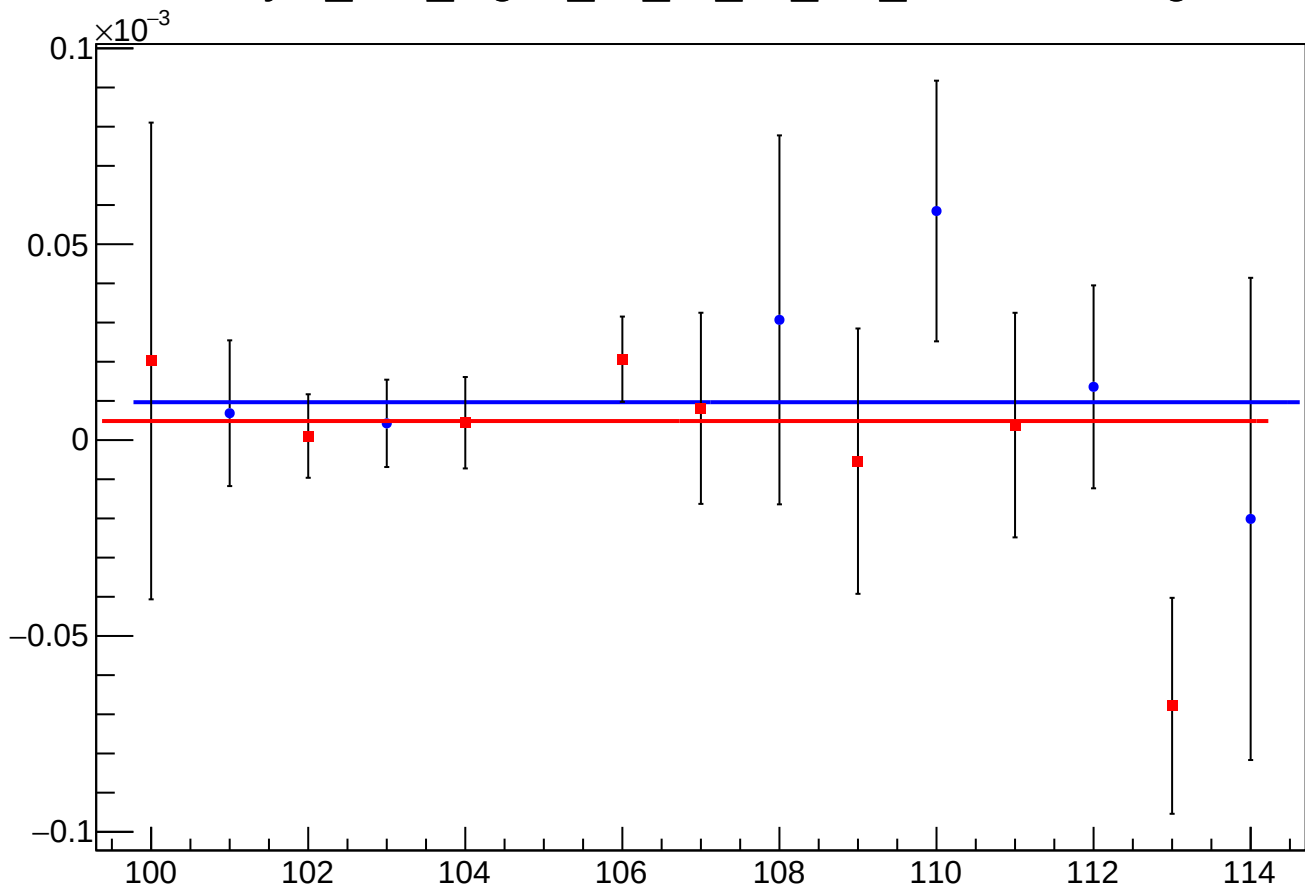
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.651+/-0.072 χ^2/NDF : 345276.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/7

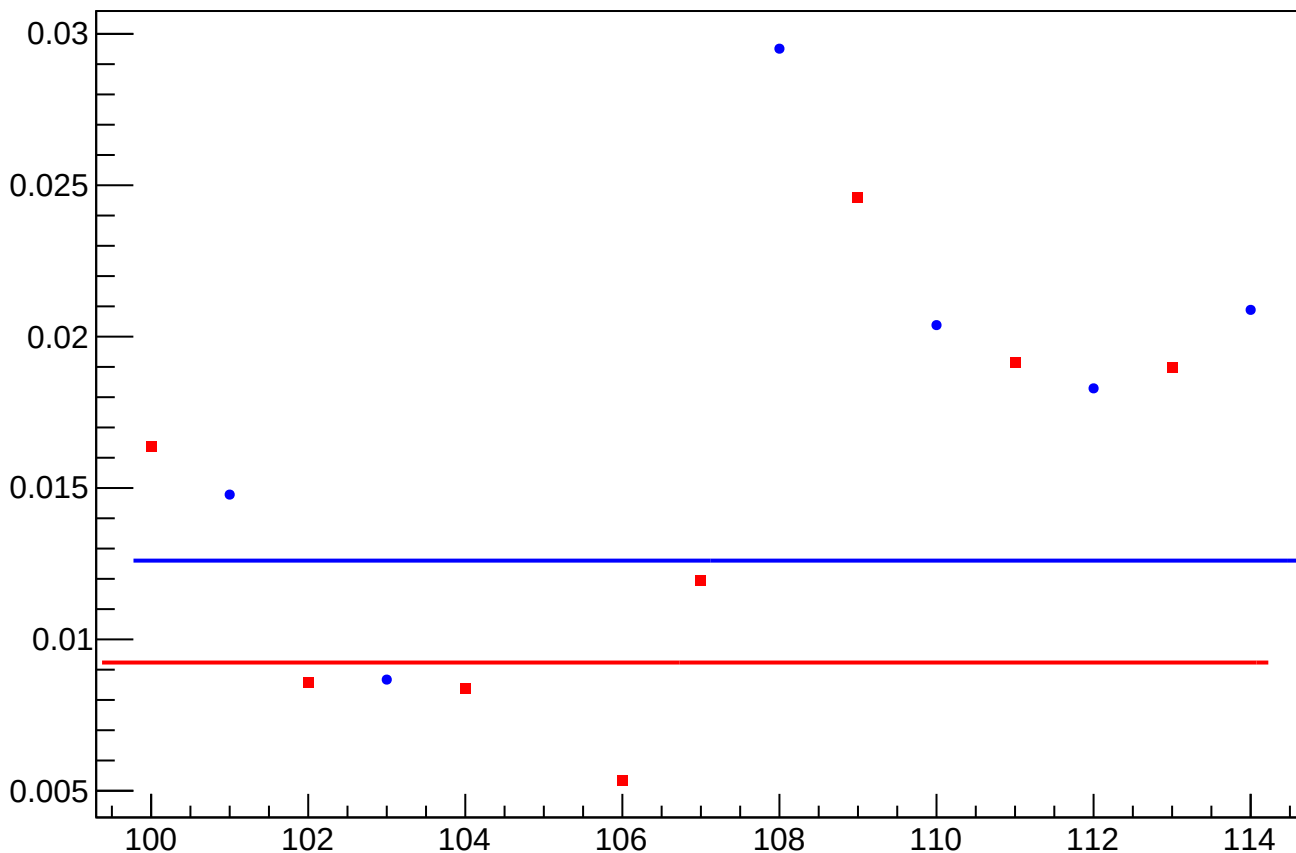
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 776005.4/5

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

Right Out: 0.009+/-0.000 χ^2/NDF : 1227375.6/7

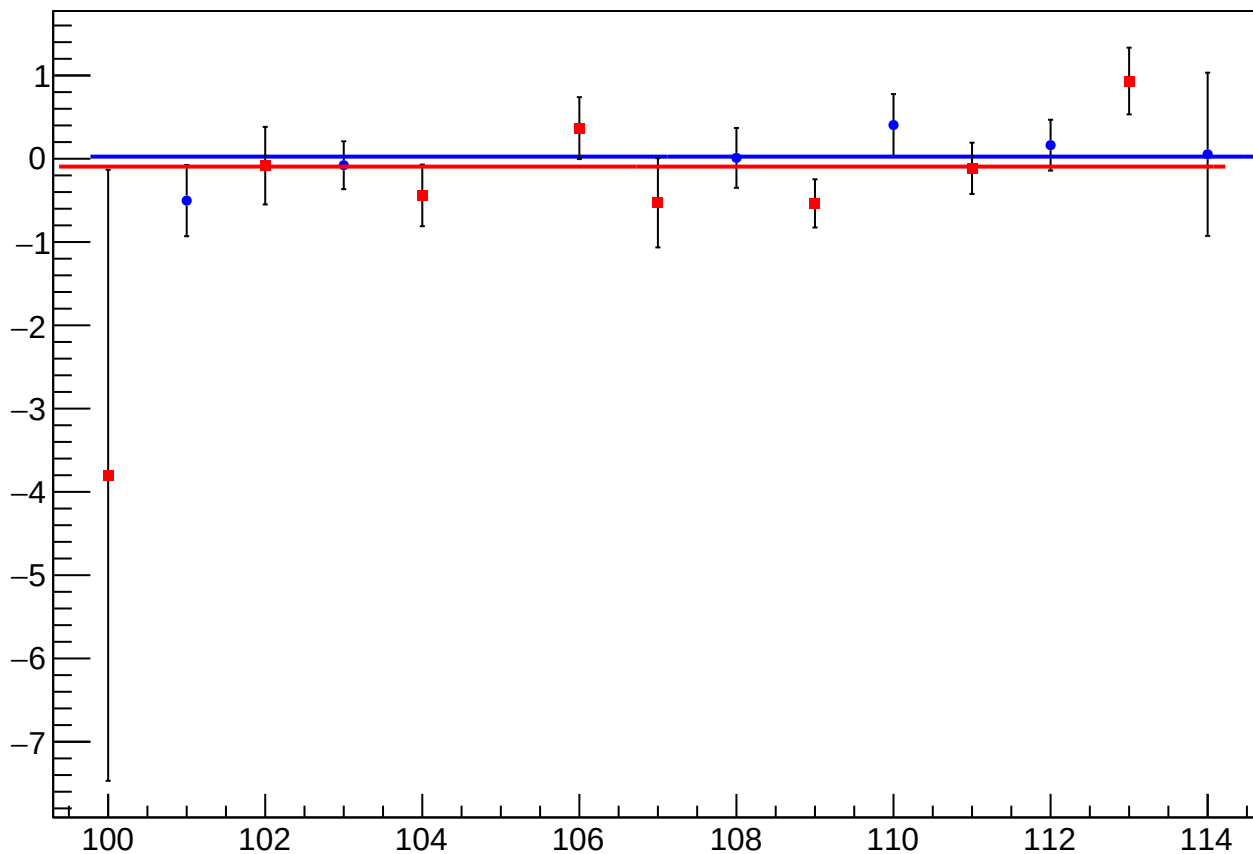
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2220059.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.150 χ^2/NDF : 2.9/5

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

Right Out: -0.094 $\pm$ 0.139 χ^2/NDF : 13.0/7

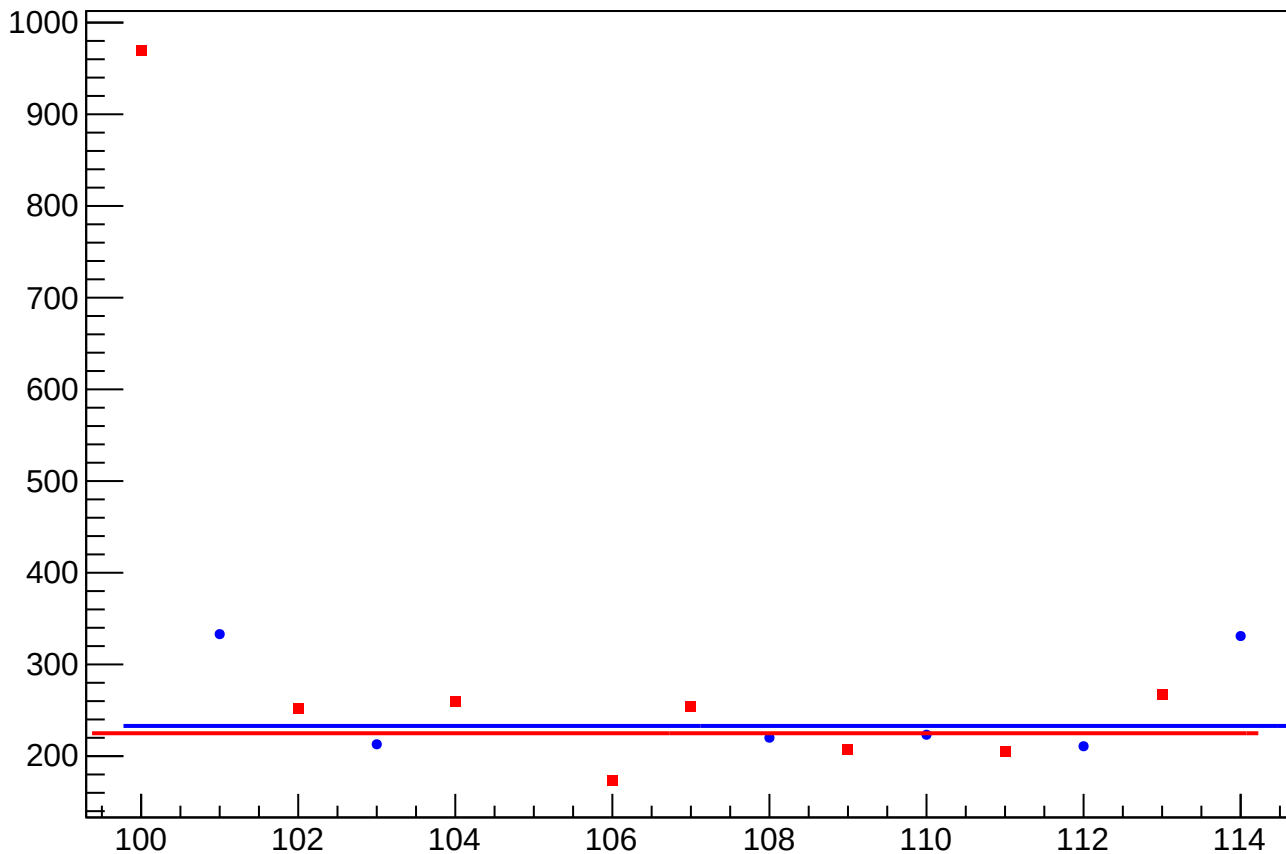
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.039 $\pm$ 0.102 χ^2/NDF : 16.3/13

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

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 232.940 $\pm$ 0.106 χ^2 /NDF: 153639.1/5

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

Right Out: 224.961 $\pm$ 0.099 χ^2 /NDF: 188560.5/7

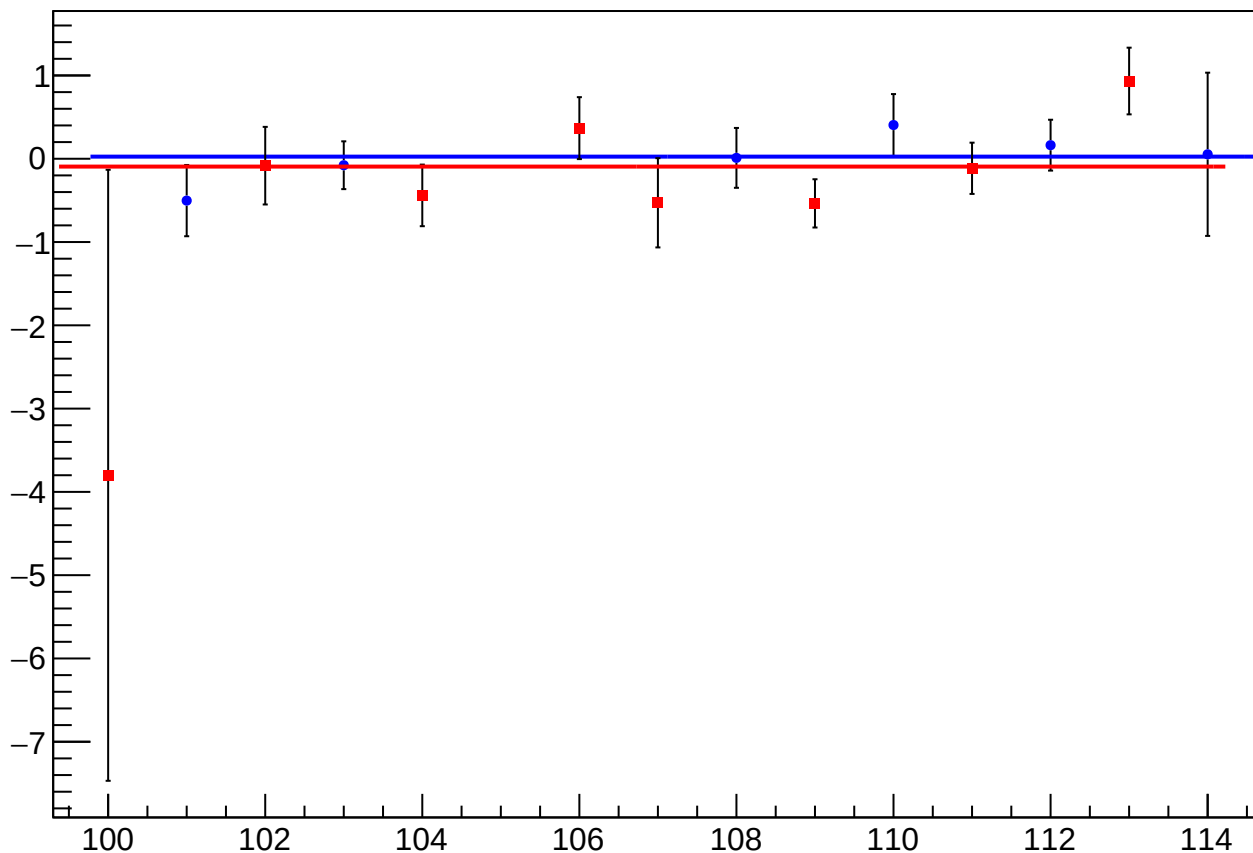
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 228.656 $\pm$ 0.072 χ^2 /NDF: 345232.6/13

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

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.150 χ^2 /NDF: 2.9/5

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

Right Out: -0.094 $\pm$ 0.139 χ^2 /NDF: 13.0/7

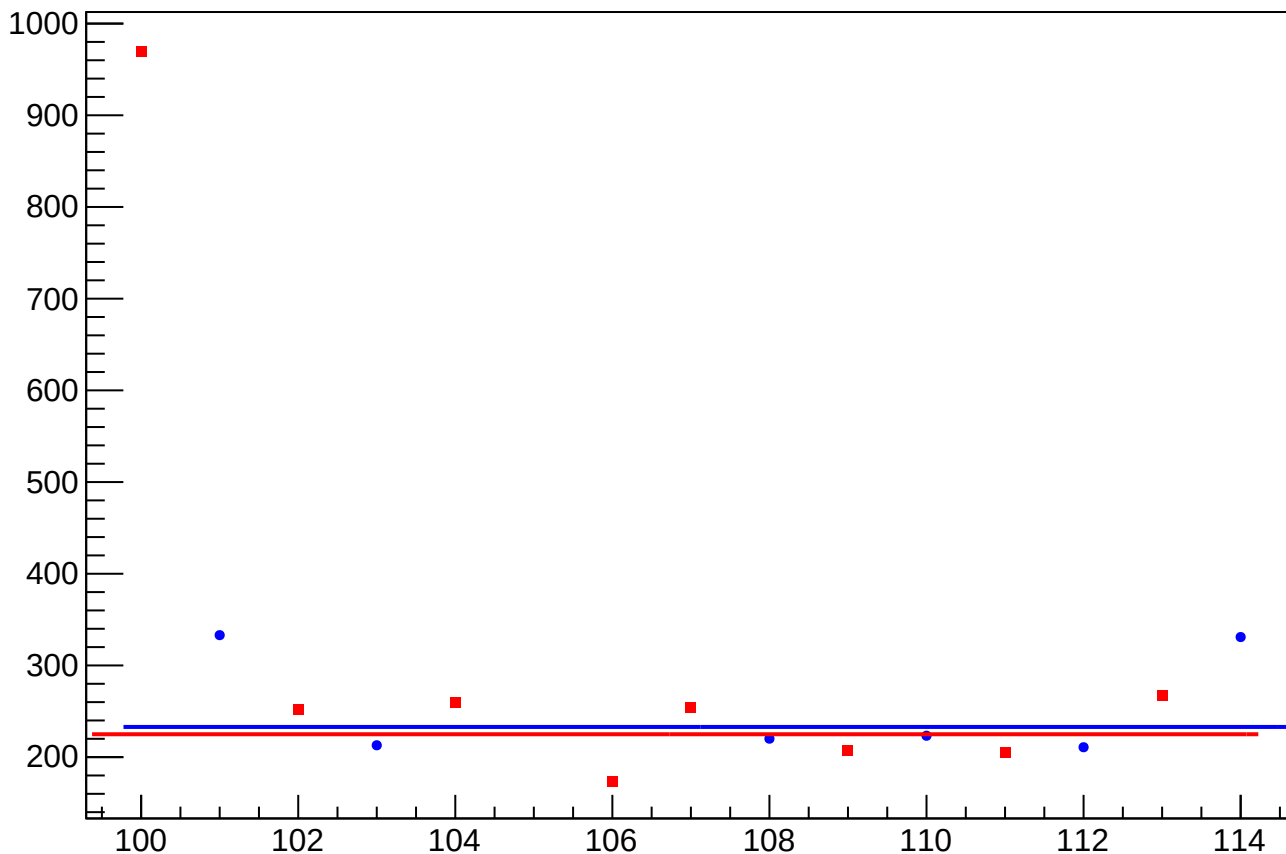
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.039 $\pm$ 0.102 χ^2 /NDF: 16.3/13

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

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 232.940+/-0.106 χ^2/NDF : 153639.1/5

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

Right Out: 224.961+/-0.099 χ^2/NDF : 188560.5/7

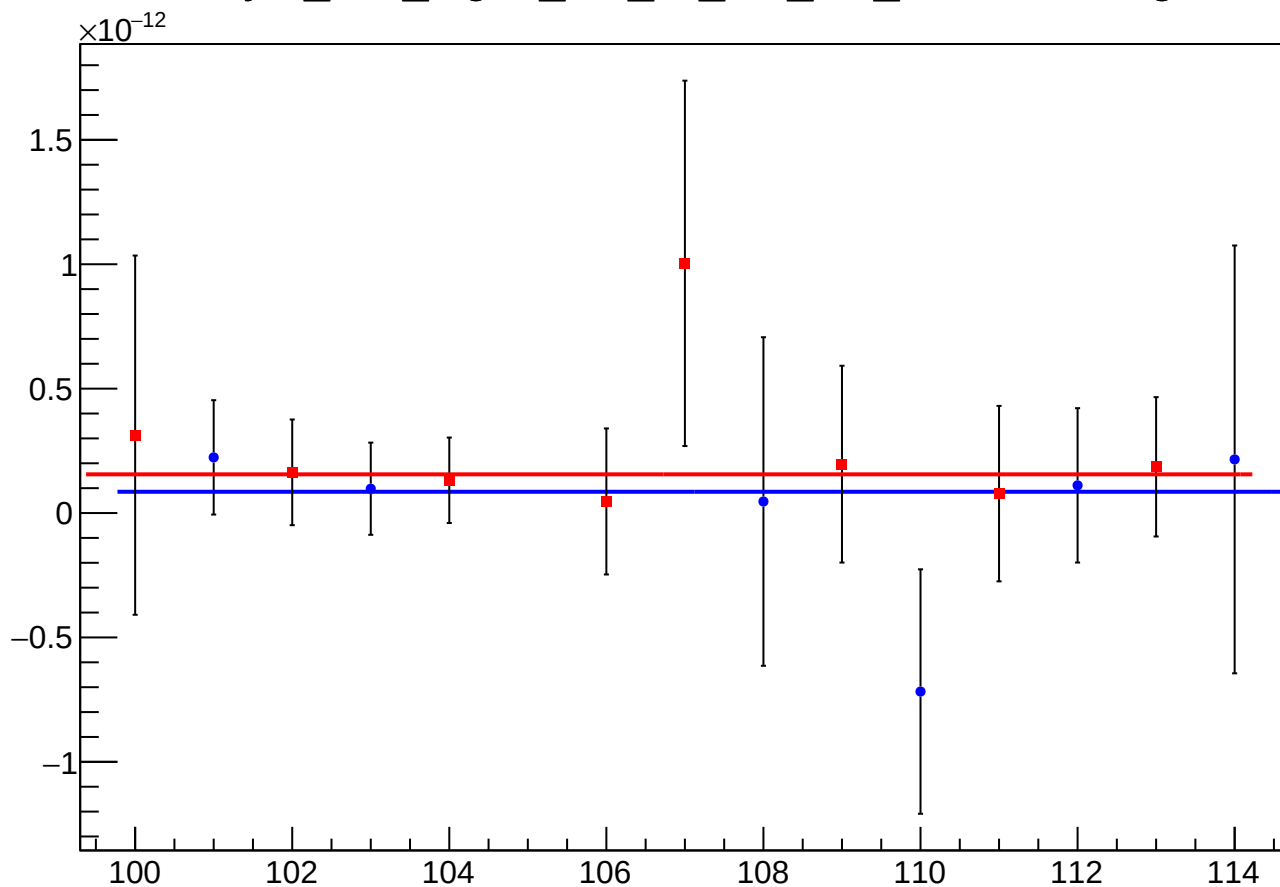
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.656+/-0.072 χ^2/NDF : 345232.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.1/5

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1.6/7

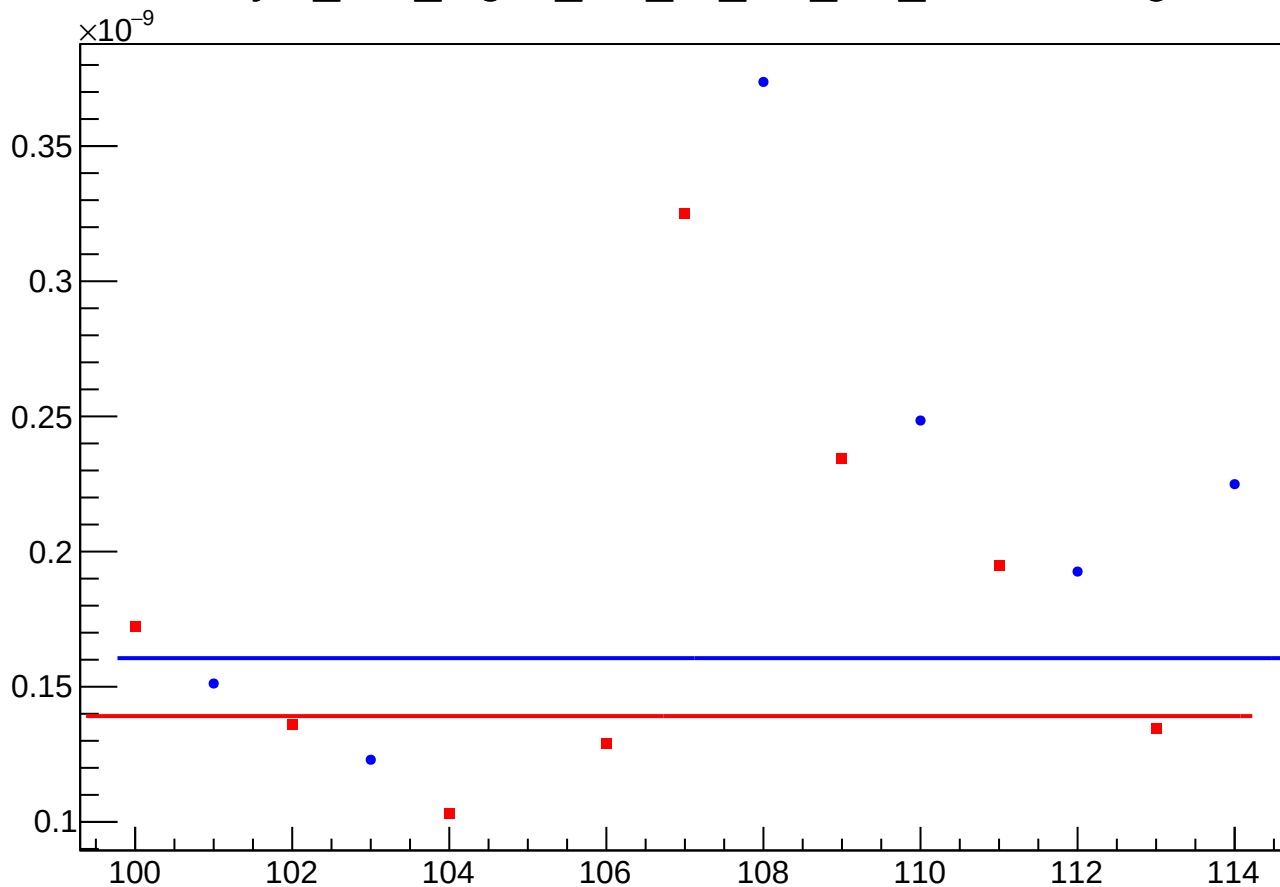
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 4.9/13

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

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 390571.8/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 389569.3/7

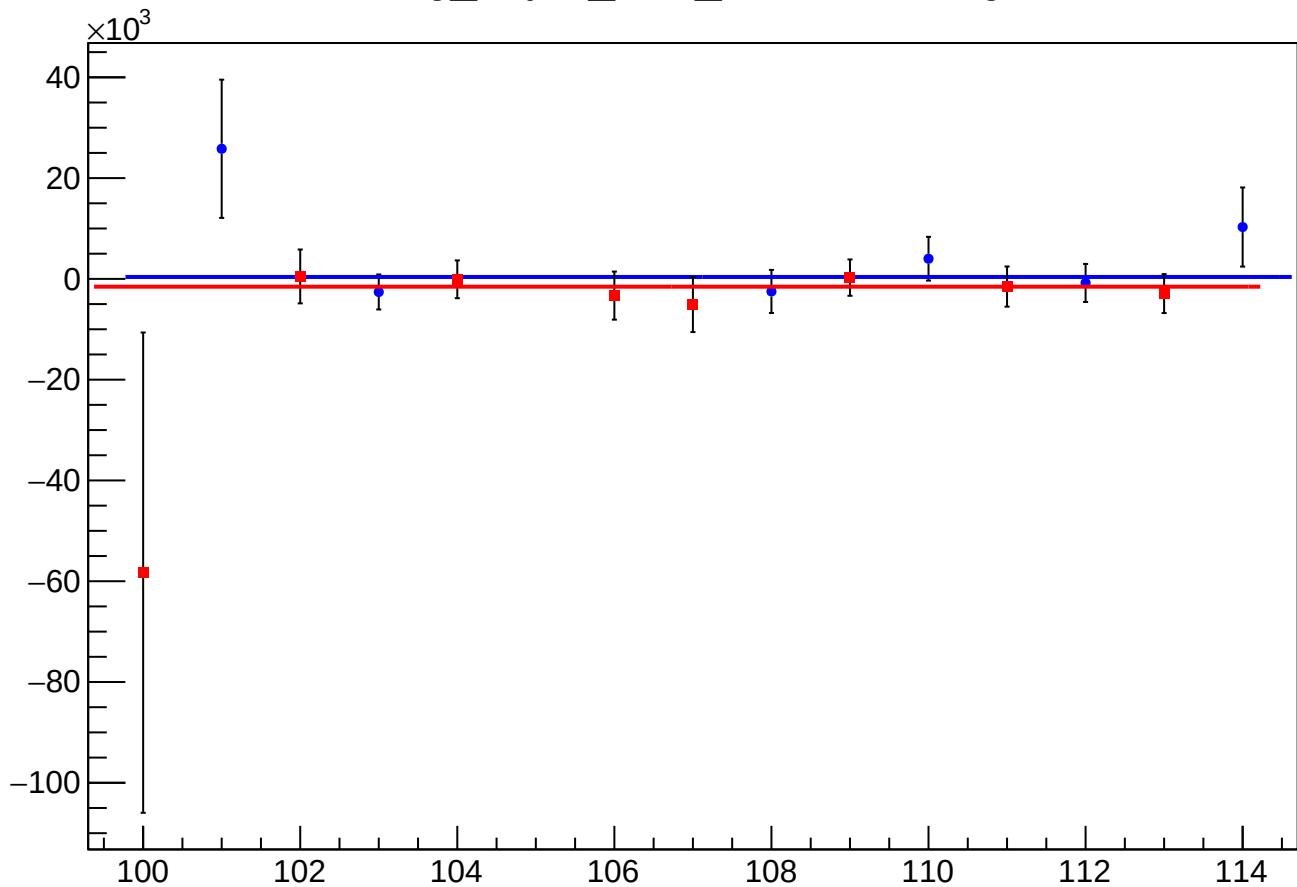
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 816553.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_mean vs Slug



Right In: 381.695 ± 1881.426 χ^2/NDF : 7.0/5

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

Right Out: -1544.492 ± 1599.252 χ^2/NDF : 2.7/7

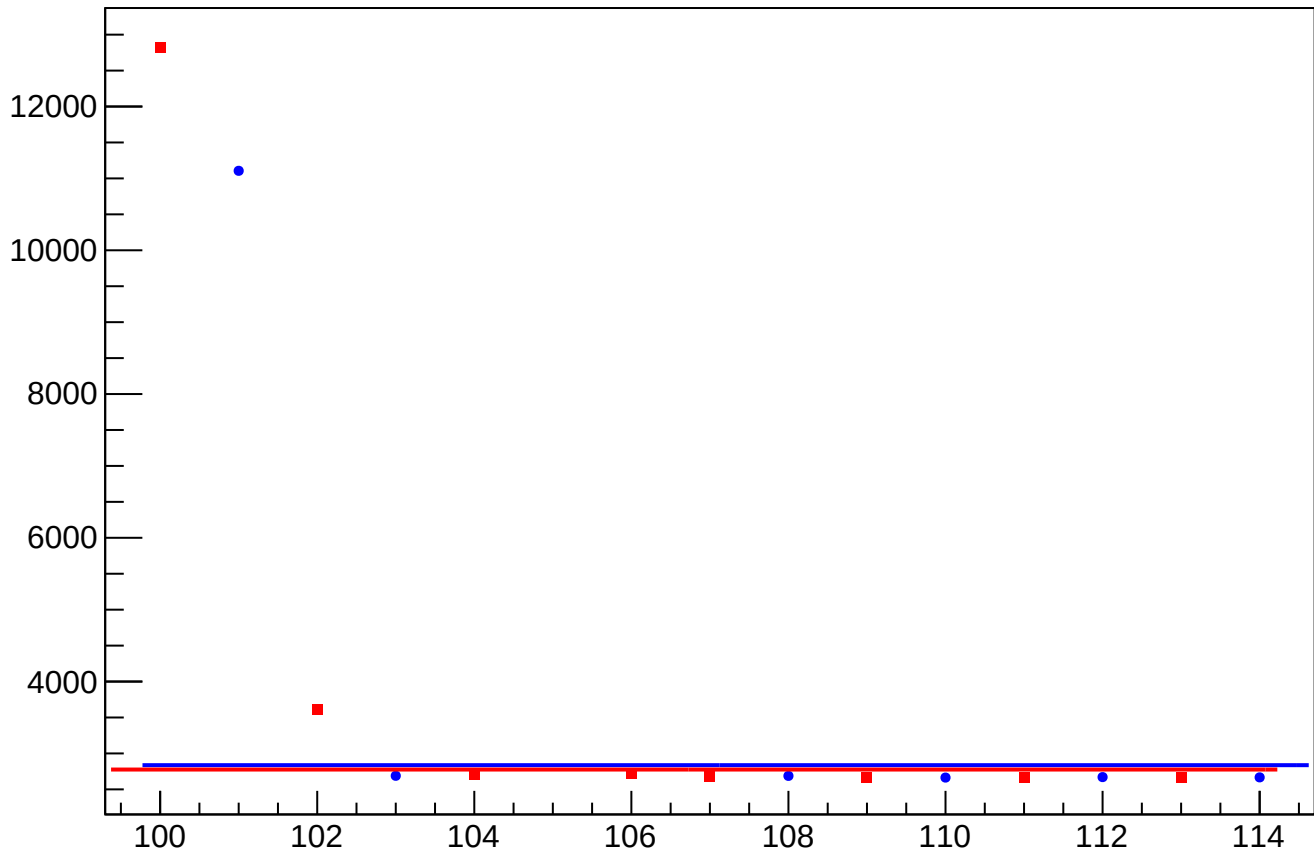
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -736.532 ± 1218.520 χ^2/NDF : 10.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_rms vs Slug



Right In: 2836.596 $\pm$ 1.330 χ^2 /NDF: 740905.2/5

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

Right Out: 2775.833 $\pm$ 1.131 χ^2 /NDF: 143826.5/7

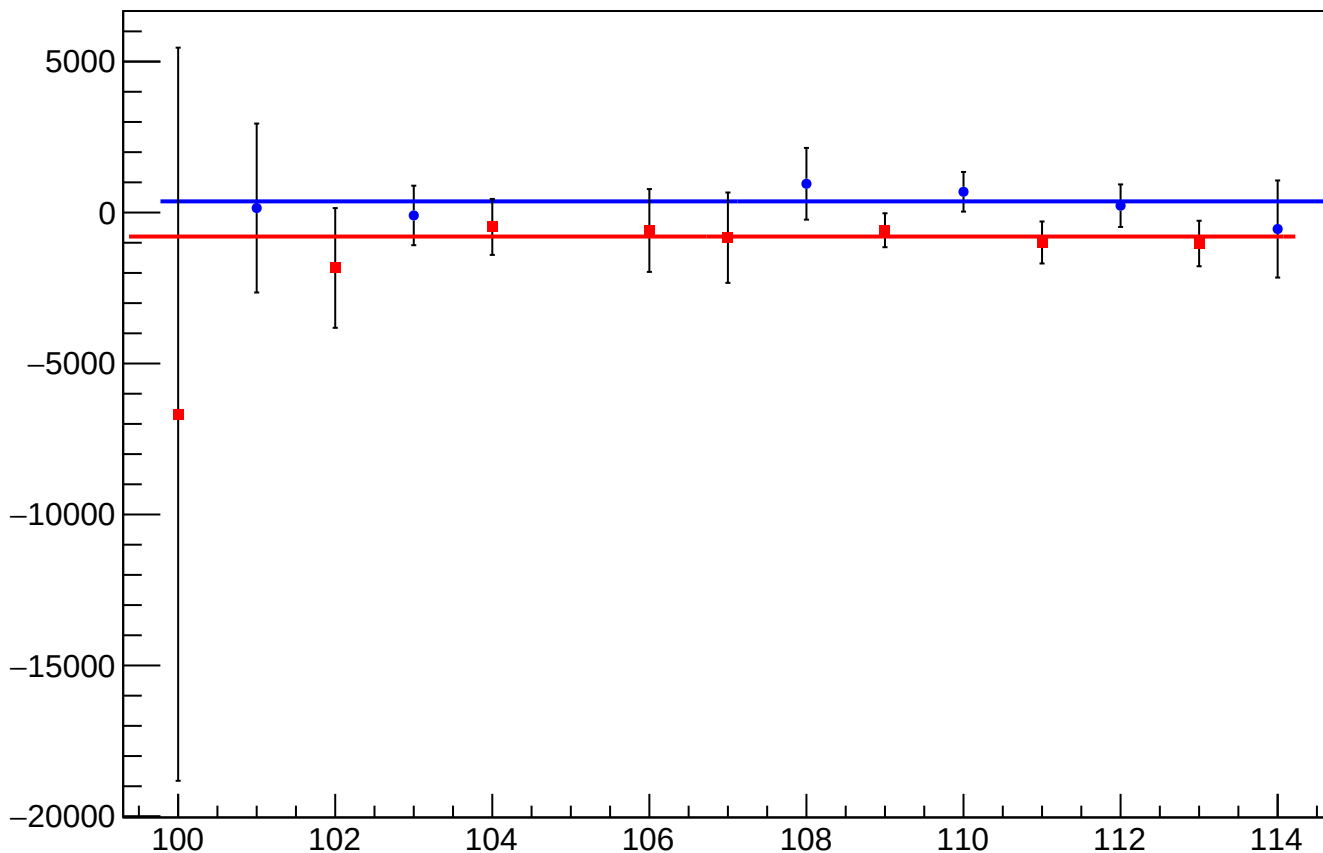
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2801.321 $\pm$ 0.862 χ^2 /NDF: 885942.7/13

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

asym_atr1_reg_correction_mean vs Slug



Right In: 369.968+/-389.666 χ^2/NDF : 1.1/5

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

Right Out: -794.257+/-326.139 χ^2/NDF : 1.0/7

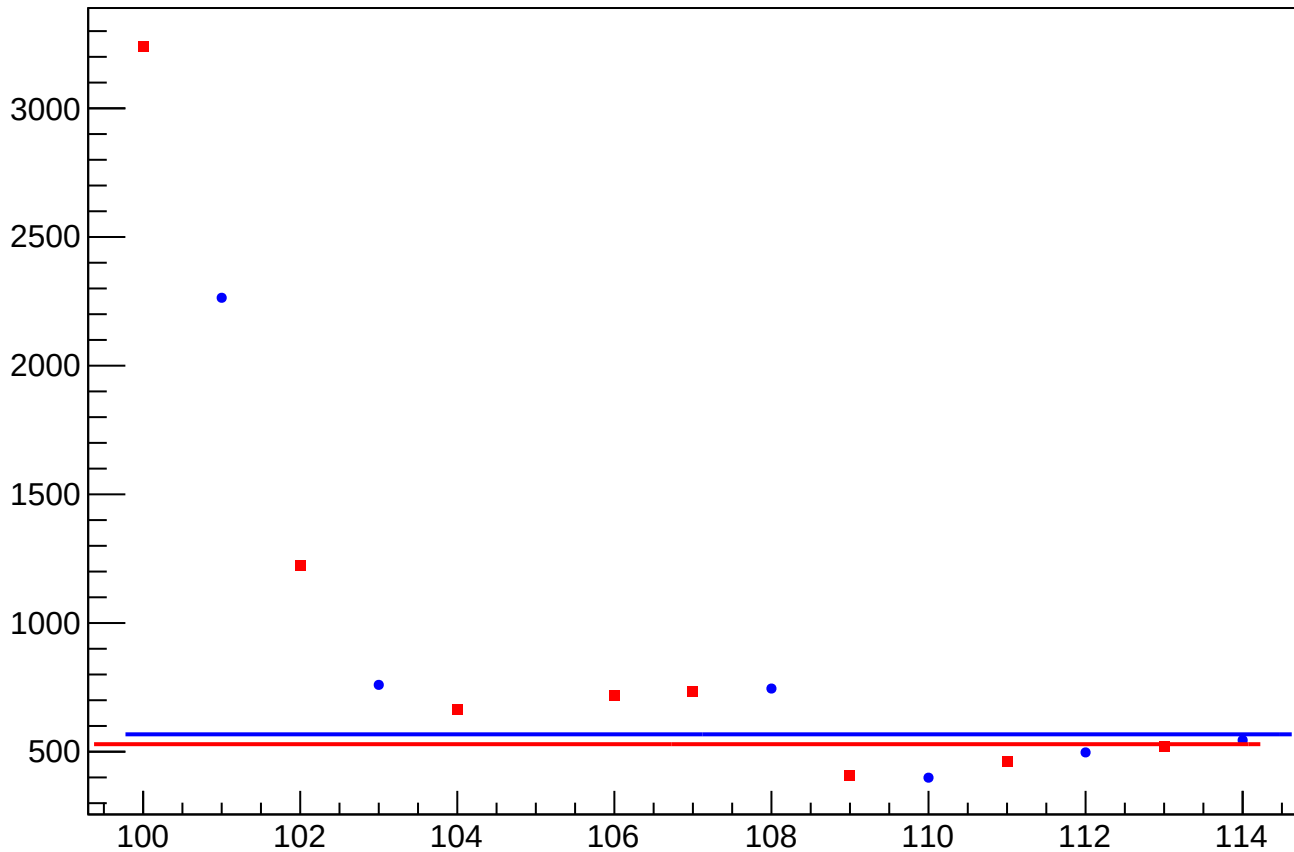
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -314.661+/-250.099 χ^2/NDF : 7.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_rms vs Slug



Right In: 567.528+/-0.276 χ^2/NDF : 1008467.0/5

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

Right Out: 529.204+/-0.231 χ^2/NDF : 577265.7/7

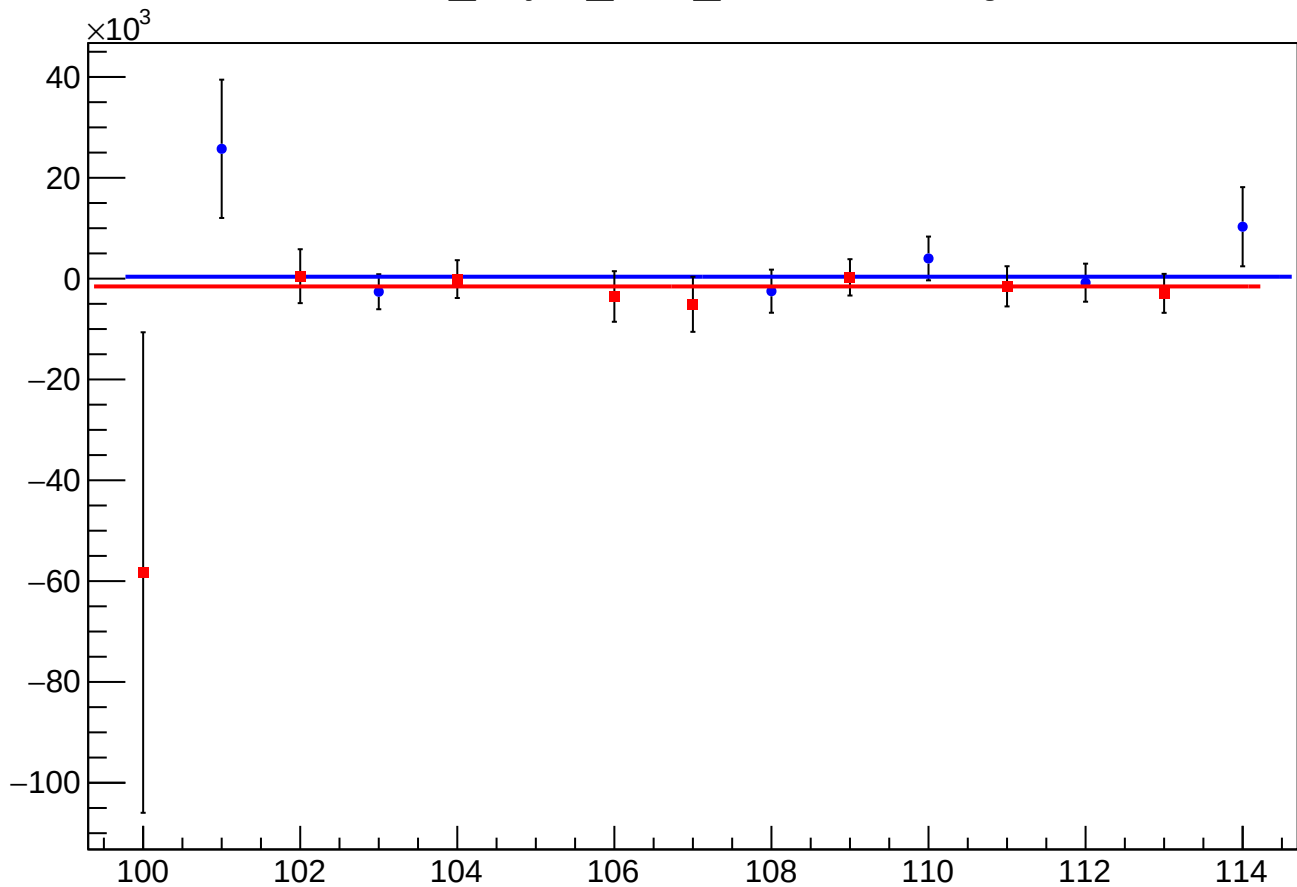
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.991+/-0.177 χ^2/NDF : 1597109.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1_mean vs Slug



Right In: 379.939 $\pm$ 1881.427 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1549.498 $\pm$ 1608.081 χ^2 /NDF: 2.7/7

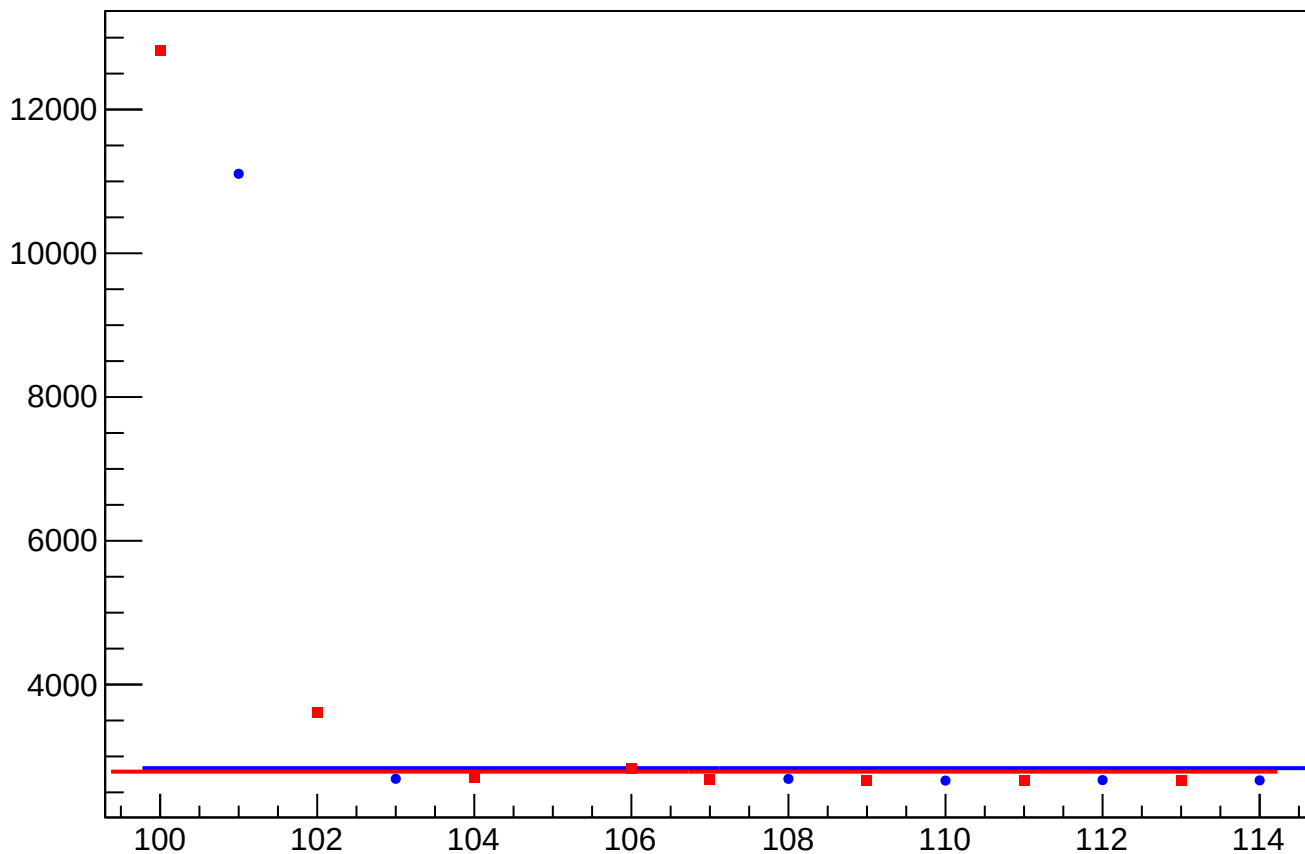
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -734.997 $\pm$ 1222.412 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1_rms vs Slug



Right In: 2836.596 $\pm$ 1.330 χ^2 /NDF: 740904.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2788.501 $\pm$ 1.137 χ^2 /NDF: 143757.1/7

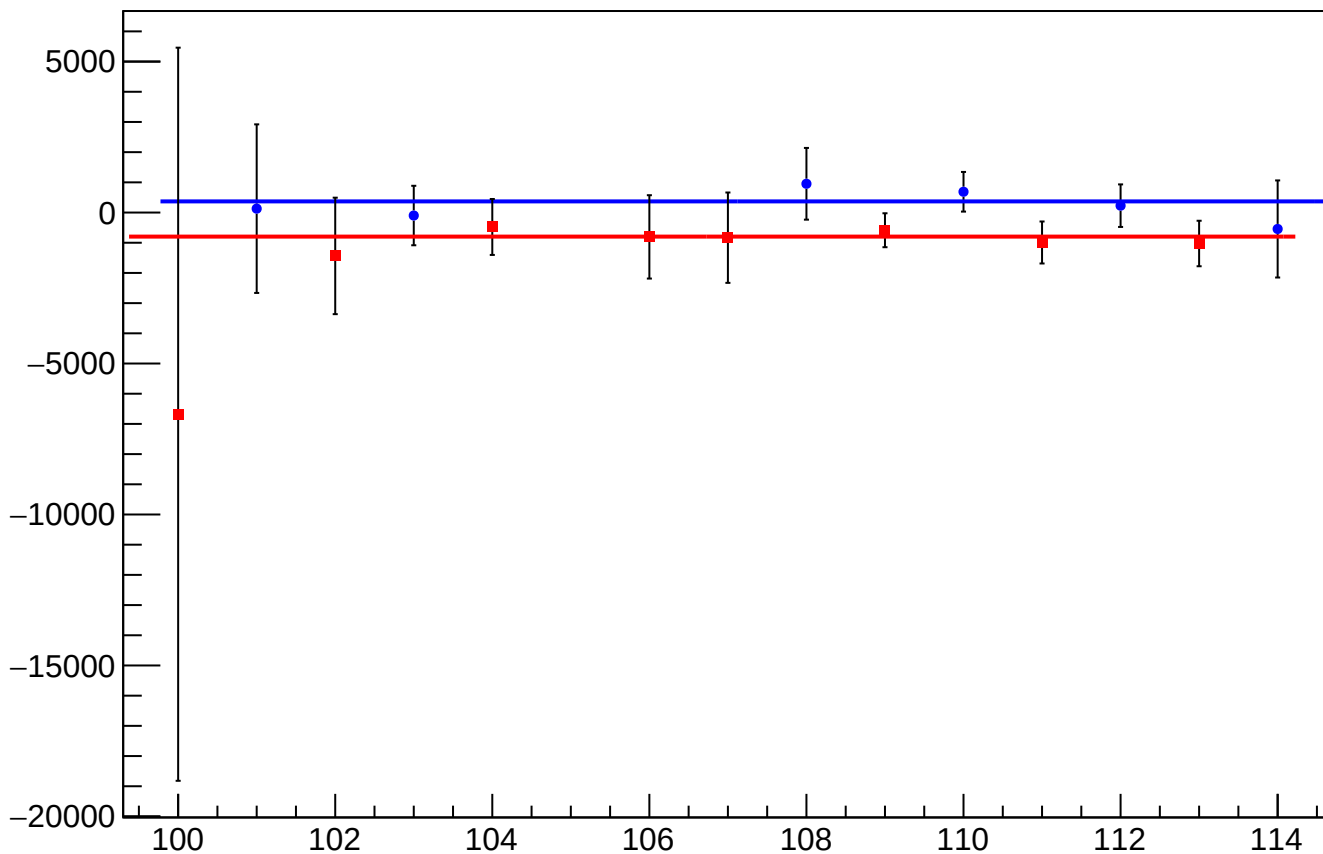
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2808.804 $\pm$ 0.864 χ^2 /NDF: 885416.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_cor_correction_mean vs Slug



Right In: 369.351 $\pm$ 389.633 χ^2 /NDF: 1.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -796.620 $\pm$ 325.983 χ^2 /NDF: 0.8/7

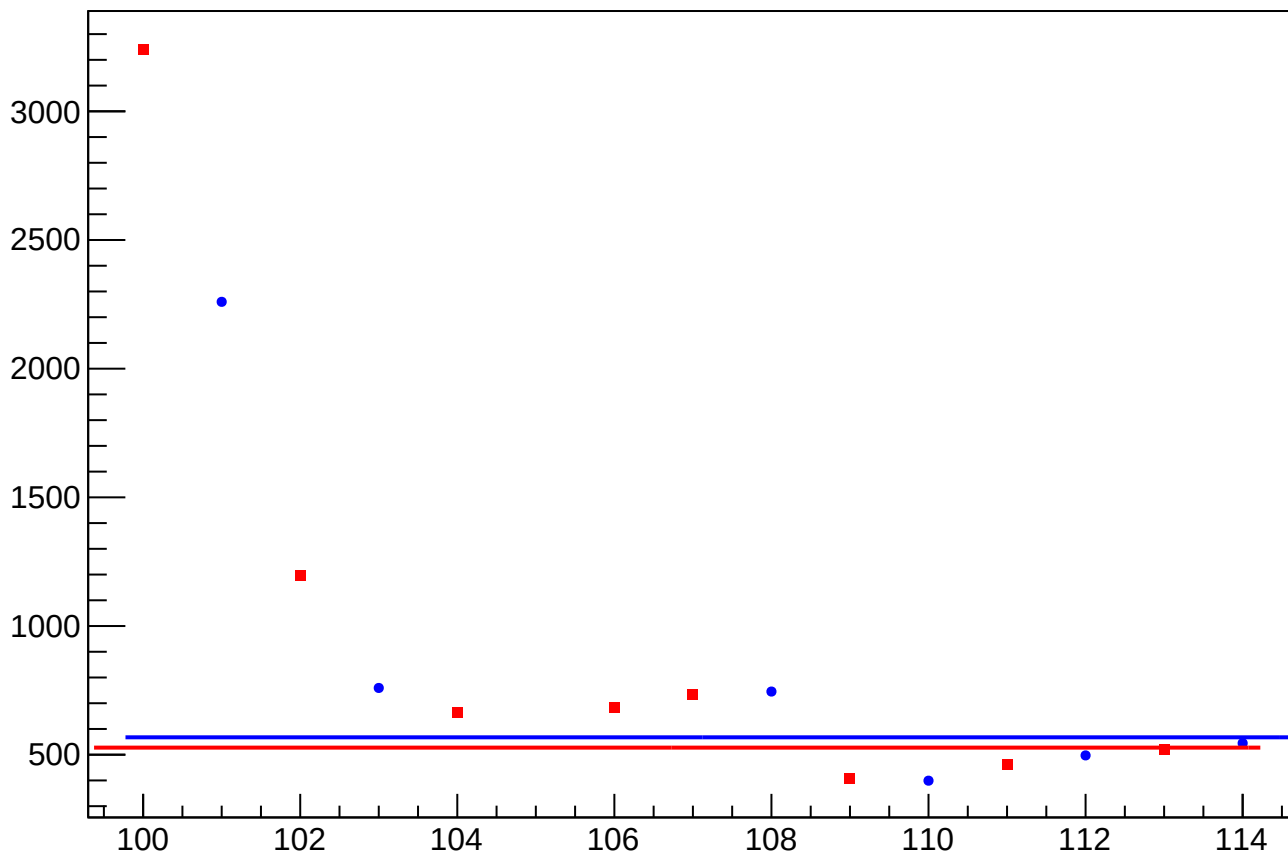
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -316.528 $\pm$ 250.020 χ^2 /NDF: 7.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_cor_correction_rms vs Slug



Right In: 567.557 $\pm$ 0.276 χ^2 /NDF: 1007458.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 527.526 $\pm$ 0.231 χ^2 /NDF: 560436.1/7

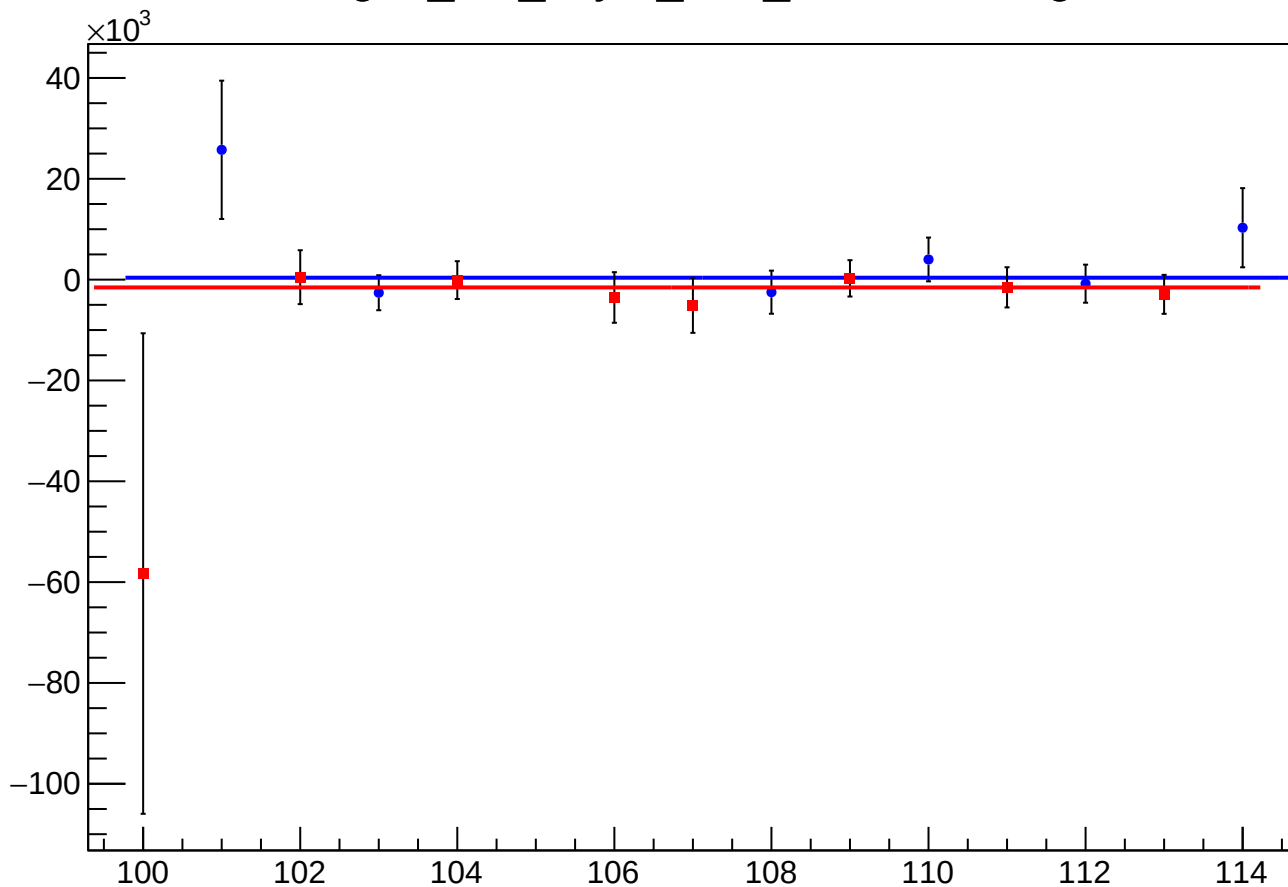
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 544.009 $\pm$ 0.177 χ^2 /NDF: 1580313.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: 379.939+/-1881.427 χ^2 /NDF: 7.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1549.498+/-1608.081 χ^2 /NDF: 2.7/7

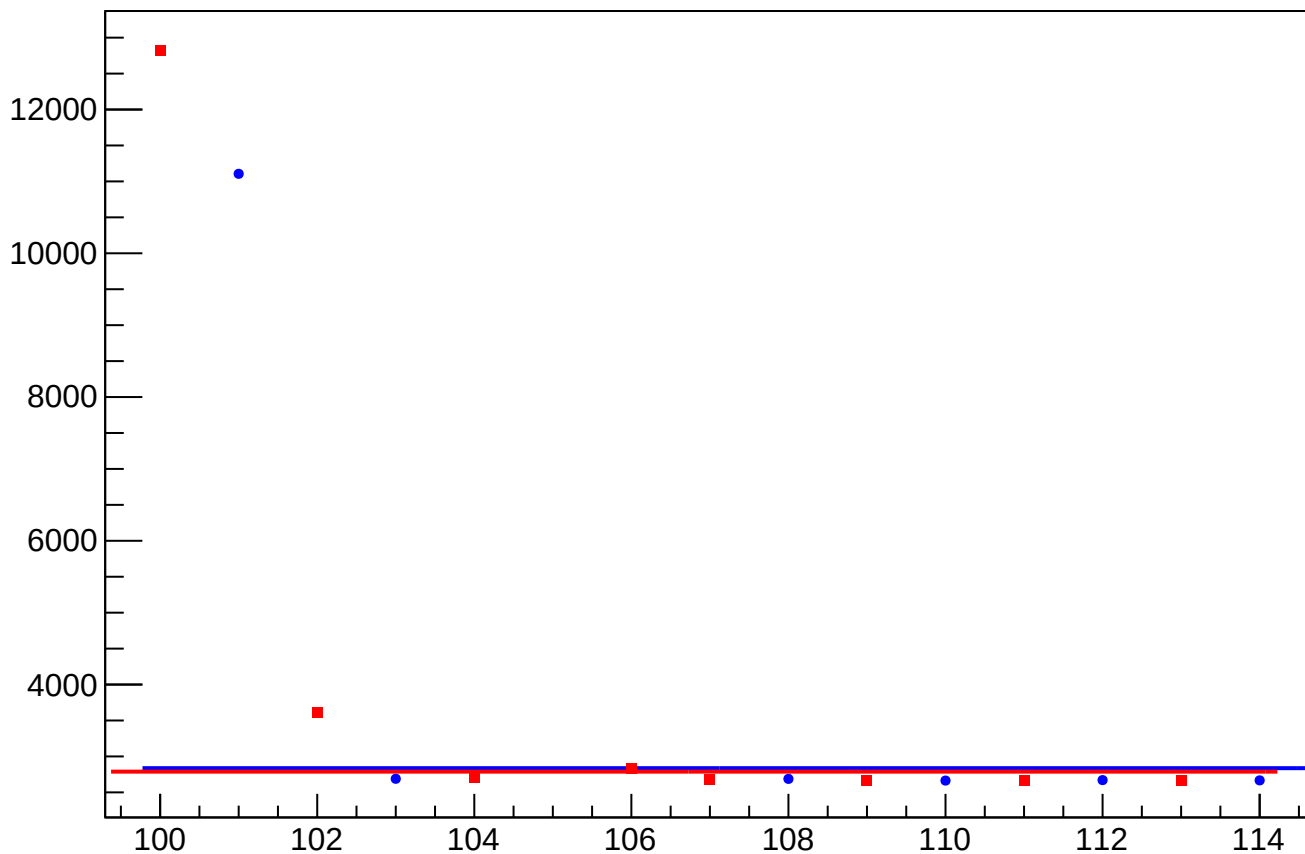
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -734.997+/-1222.412 χ^2 /NDF: 10.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1_rms vs Slug



Right In: 2836.596+/-1.330 χ^2/NDF : 740904.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2788.501+/-1.137 χ^2/NDF : 143757.1/7

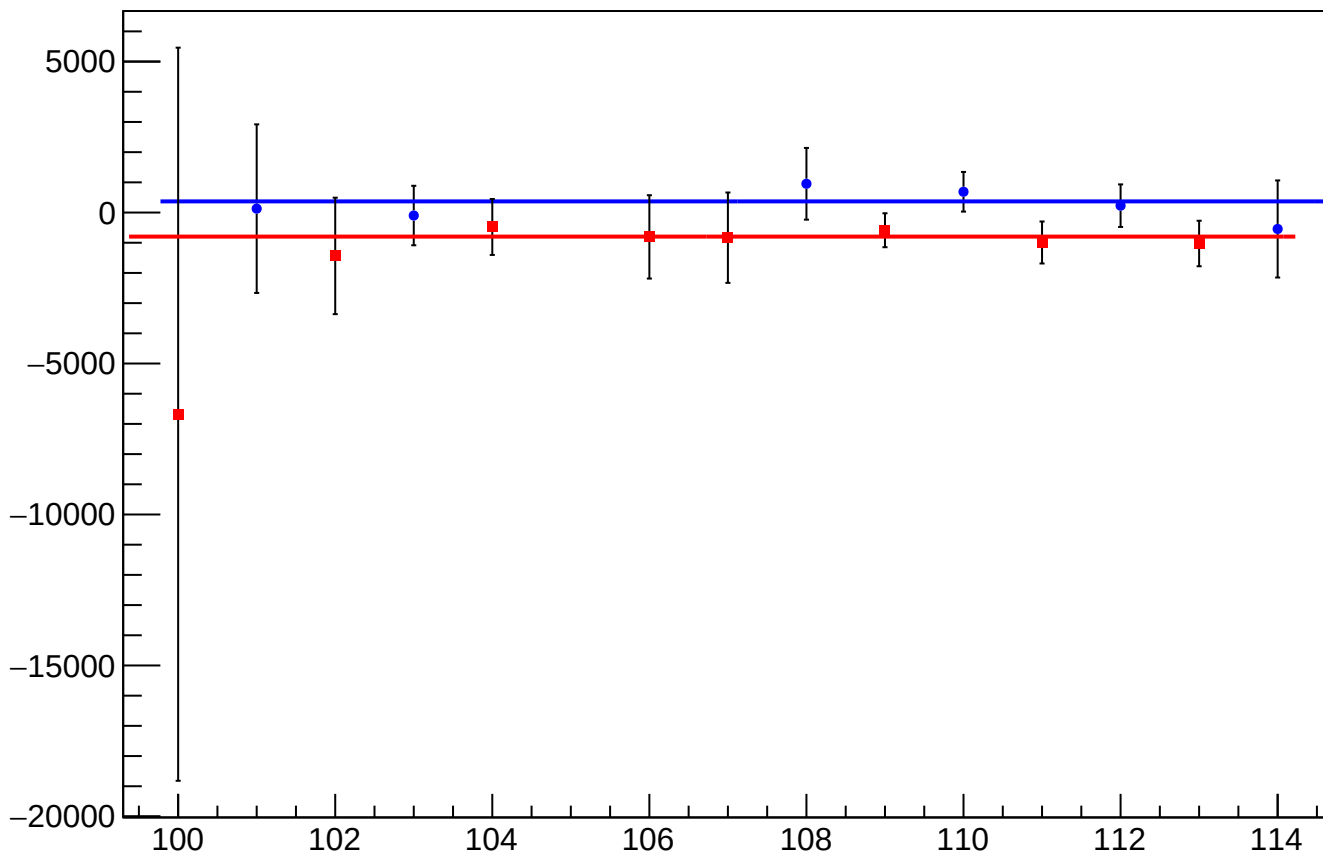
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.804+/-0.864 χ^2/NDF : 885416.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 369.351 $\pm$ 389.633 χ^2 /NDF: 1.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -796.620 $\pm$ 325.983 χ^2 /NDF: 0.8/7

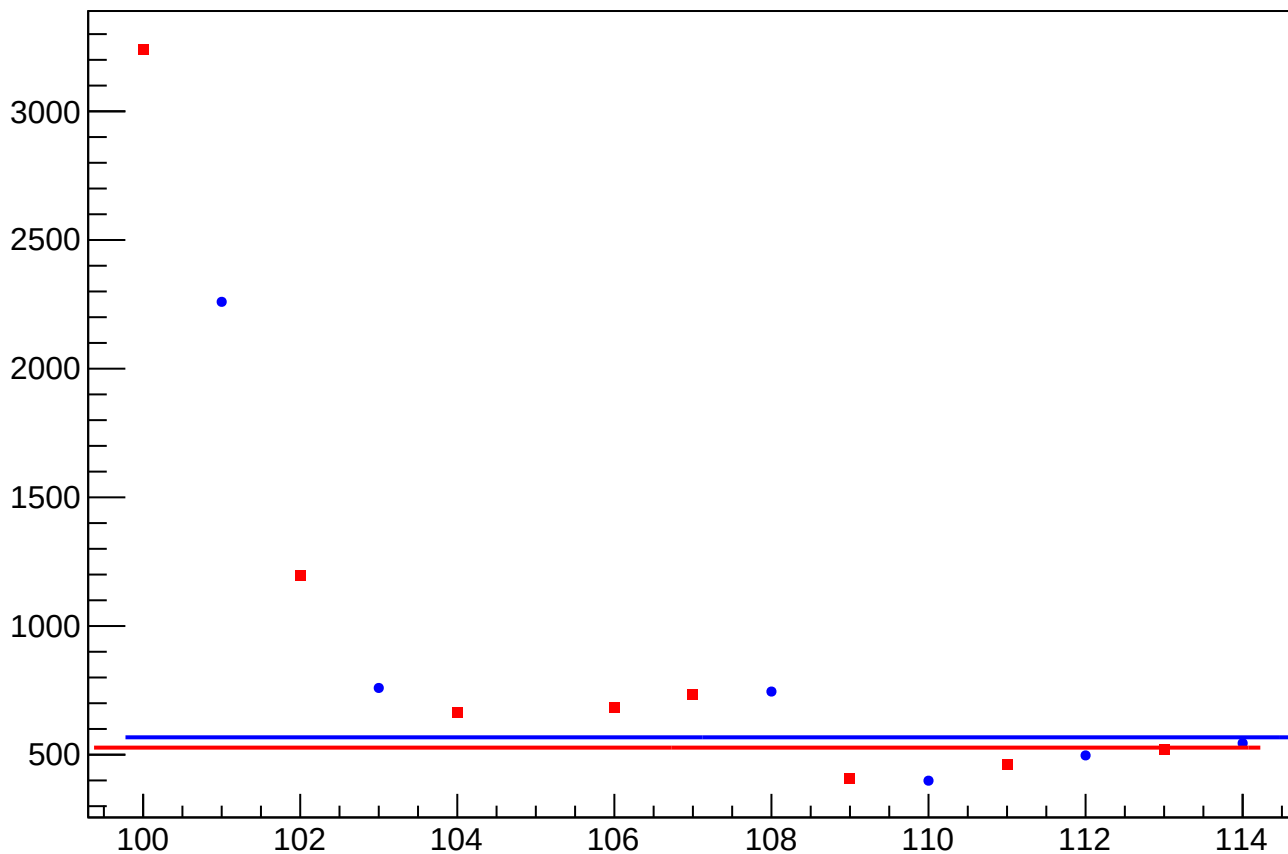
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -316.528 $\pm$ 250.020 χ^2 /NDF: 7.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 567.557 $\pm$ 0.276 χ^2 /NDF: 1007458.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 527.526 $\pm$ 0.231 χ^2 /NDF: 560436.1/7

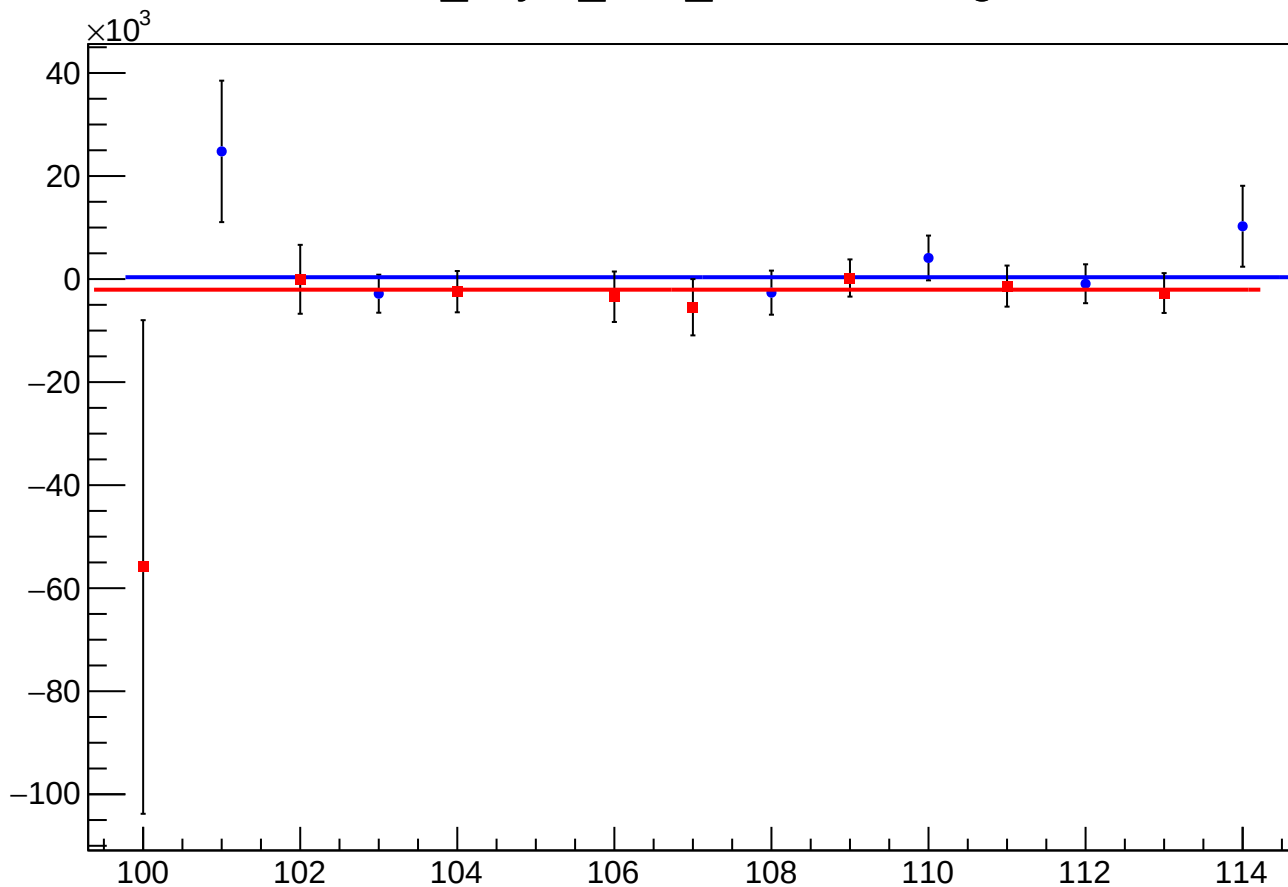
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 544.009 $\pm$ 0.177 χ^2 /NDF: 1580313.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1_mean vs Slug



Right In: 360.978+/-1915.034 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2058.853+/-1651.286 χ^2/NDF : 2.3/7

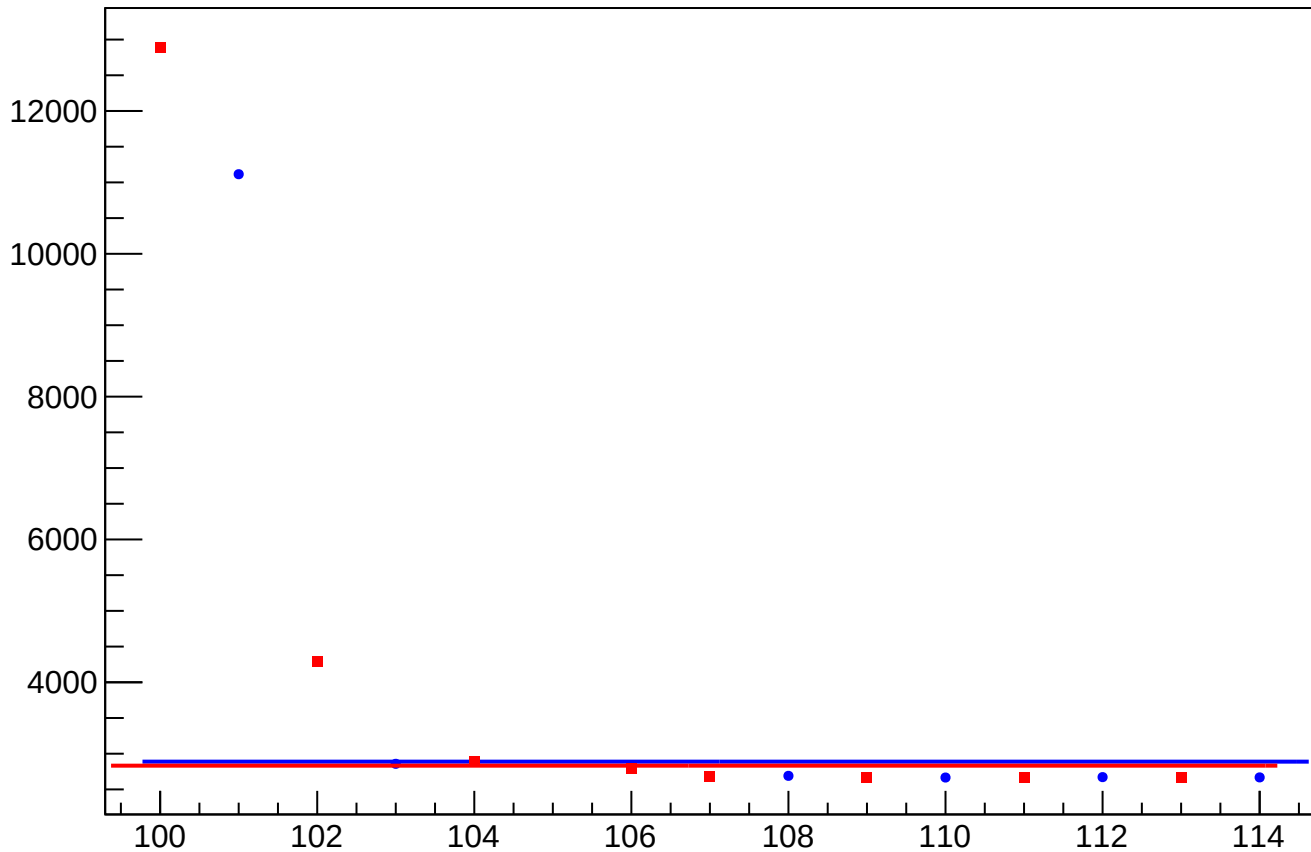
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1026.923+/-1250.573 χ^2/NDF : 10.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_rms vs Slug



Right In: 2888.755+/-1.354 χ^2/NDF : 736031.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2832.454+/-1.168 χ^2/NDF : 197201.0/7

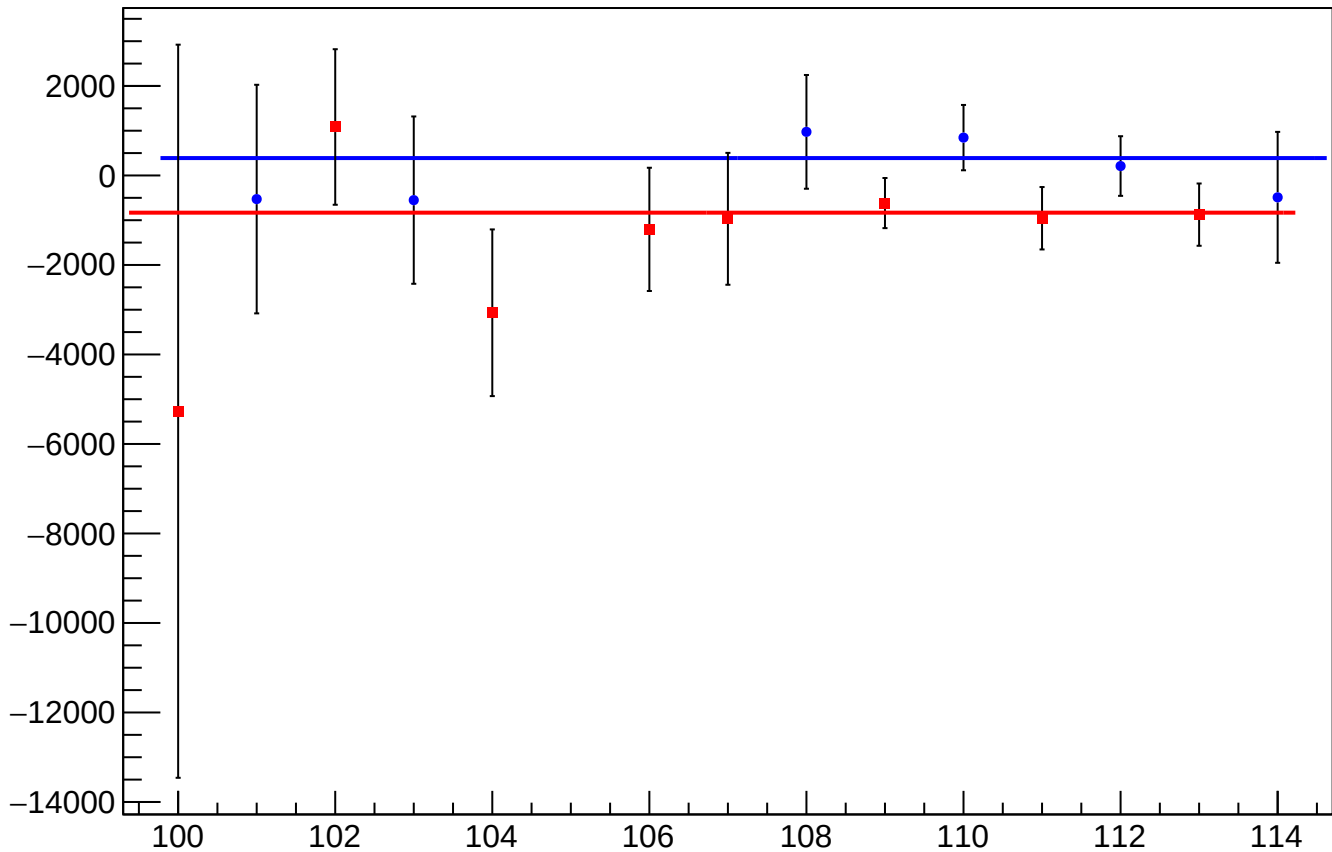
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2856.463+/-0.884 χ^2/NDF : 934223.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_mean vs Slug



Right In: 388.502 ± 420.530 χ^2/NDF : 1.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -831.451 ± 334.568 χ^2/NDF : 3.2/7

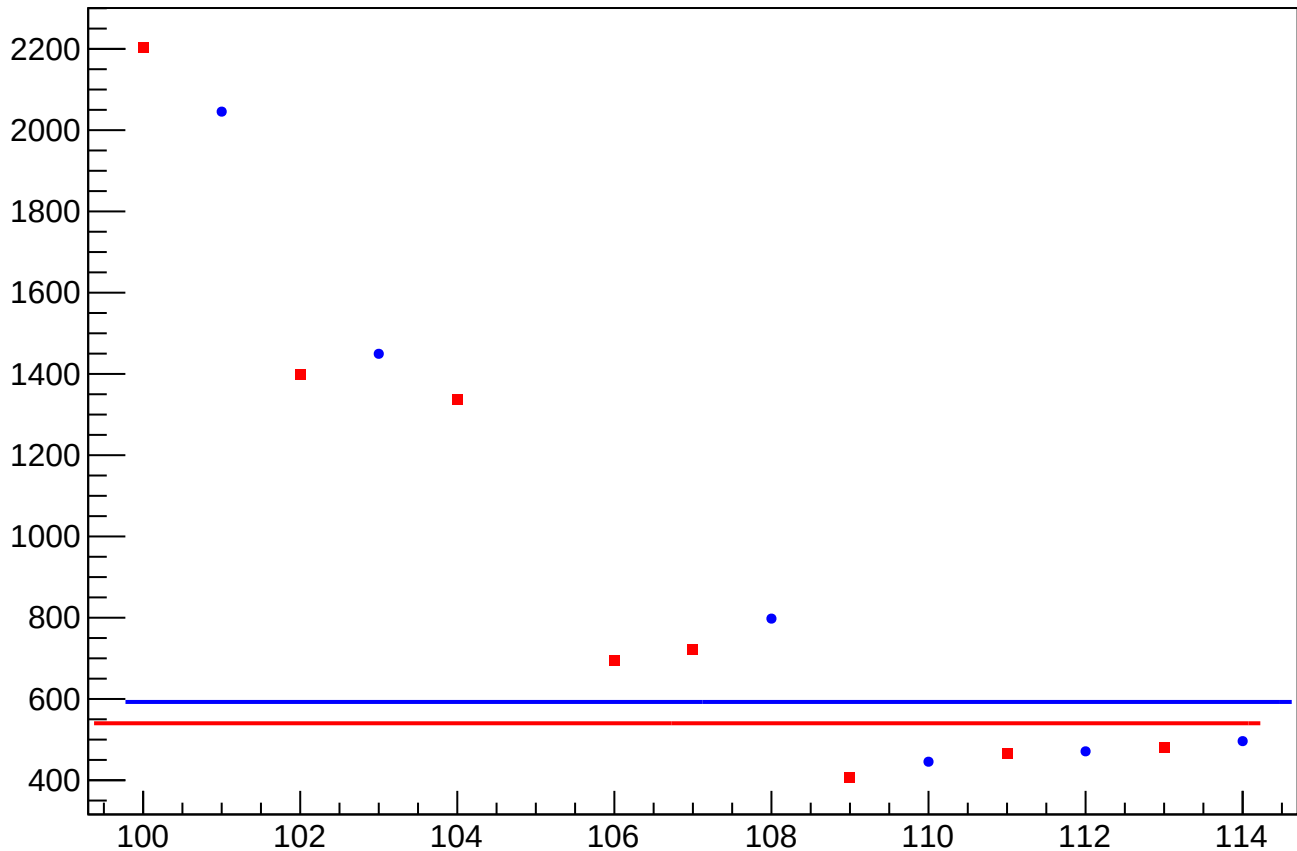
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -358.579 ± 261.816 χ^2/NDF : 9.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_rms vs Slug



Right In: 592.684+/-0.297 χ^2/NDF : 1275967.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.196+/-0.237 χ^2/NDF : 1143200.0/7

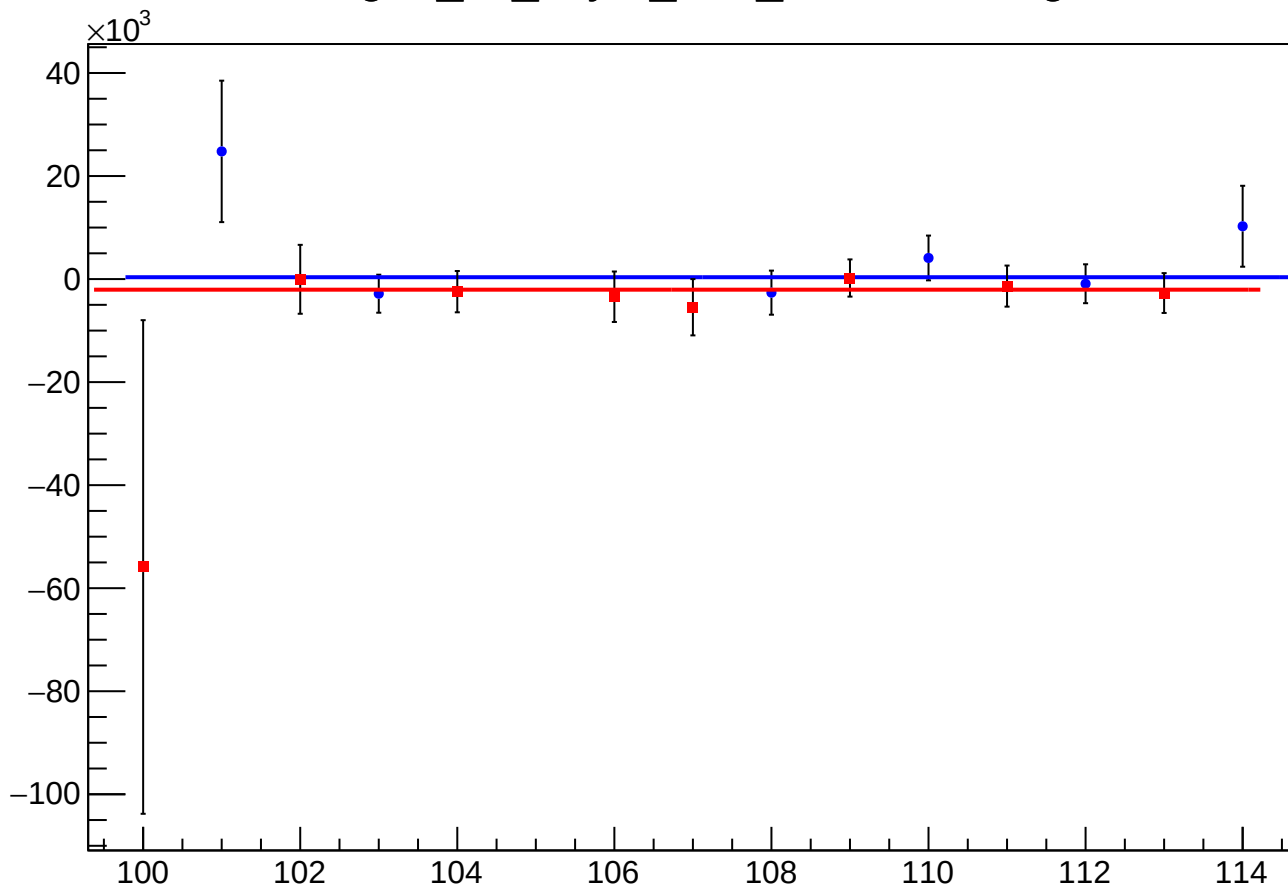
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.541+/-0.185 χ^2/NDF : 2438248.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_mean vs Slug



Right In: 360.978 ± 1915.034 χ^2/NDF : 6.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2058.849 ± 1651.286 χ^2/NDF : 2.3/7

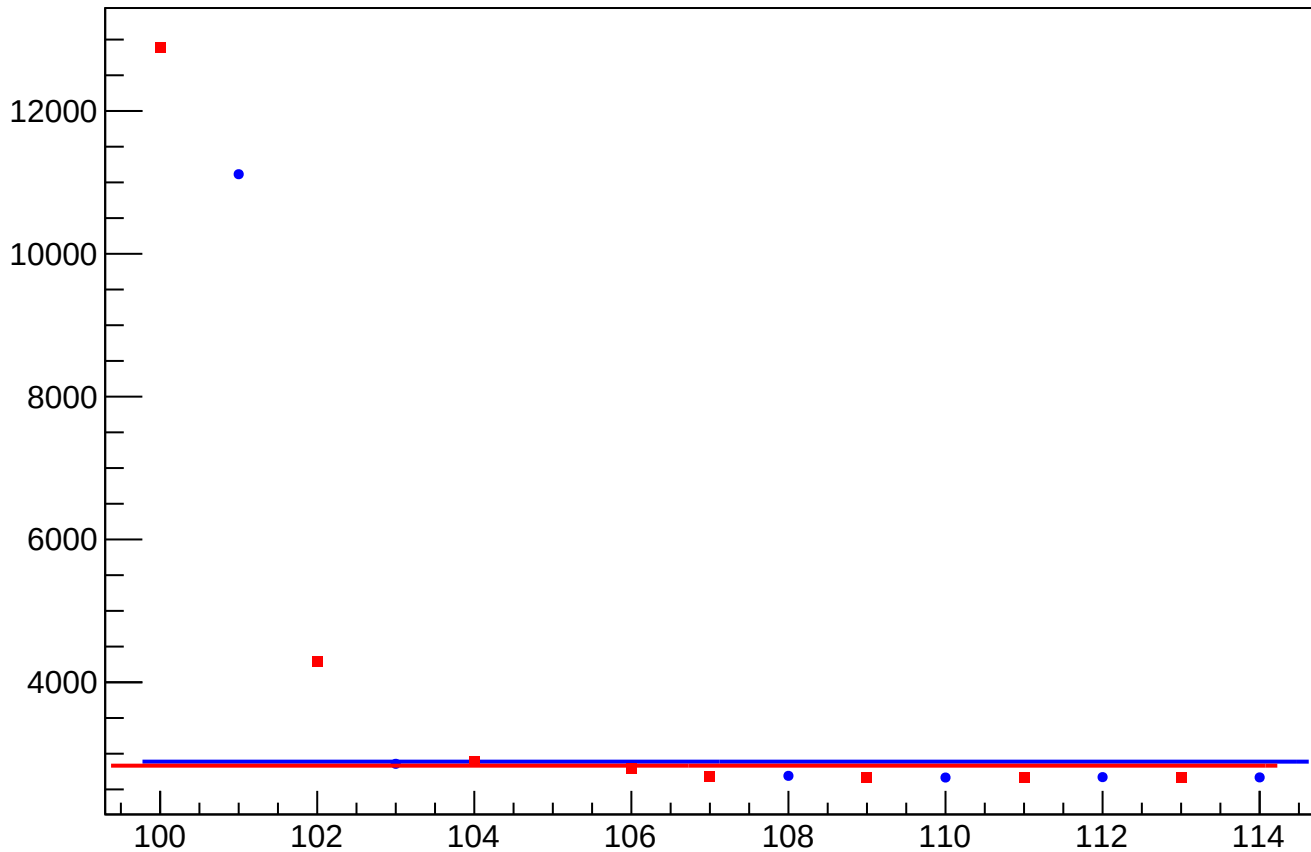
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1026.920 ± 1250.573 χ^2/NDF : 10.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 2888.755+/-1.354 χ^2/NDF : 736031.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2832.453+/-1.168 χ^2/NDF : 197200.8/7

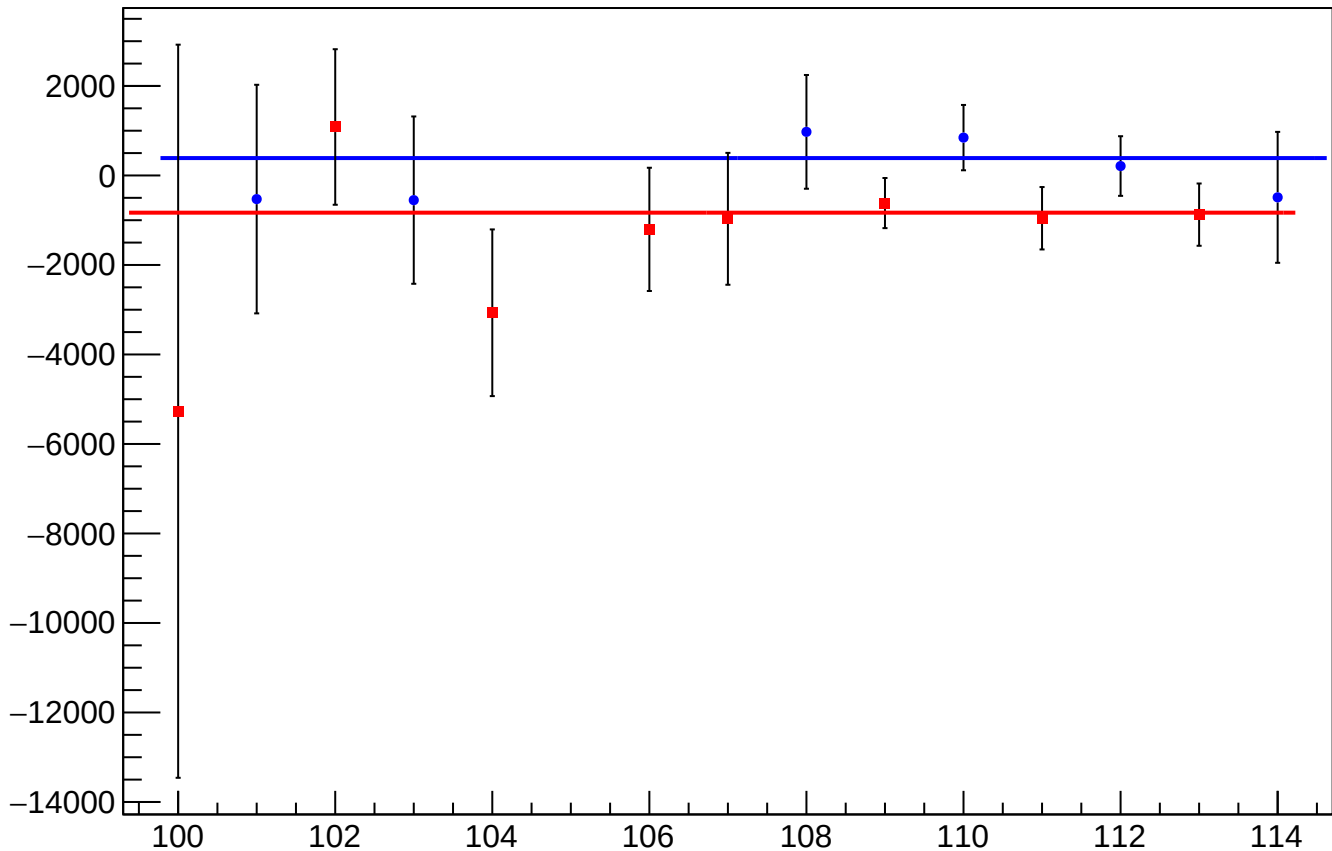
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2856.463+/-0.884 χ^2/NDF : 934223.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 388.506 $\pm$ 420.531 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -831.450 $\pm$ 334.568 χ^2 /NDF: 3.2/7

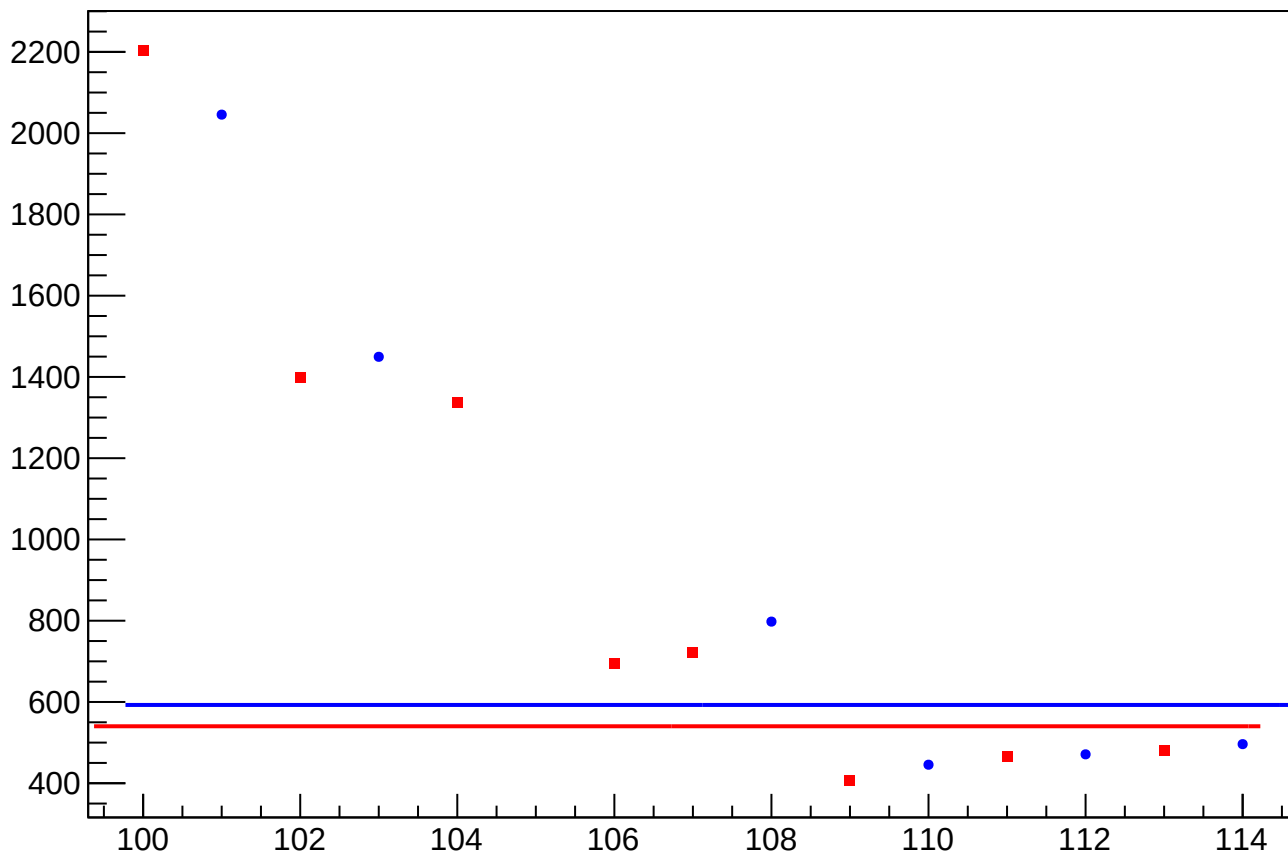
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -358.579 $\pm$ 261.817 χ^2 /NDF: 9.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 592.686+/-0.297 χ^2/NDF : 1275959.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.196+/-0.237 χ^2/NDF : 1143195.5/7

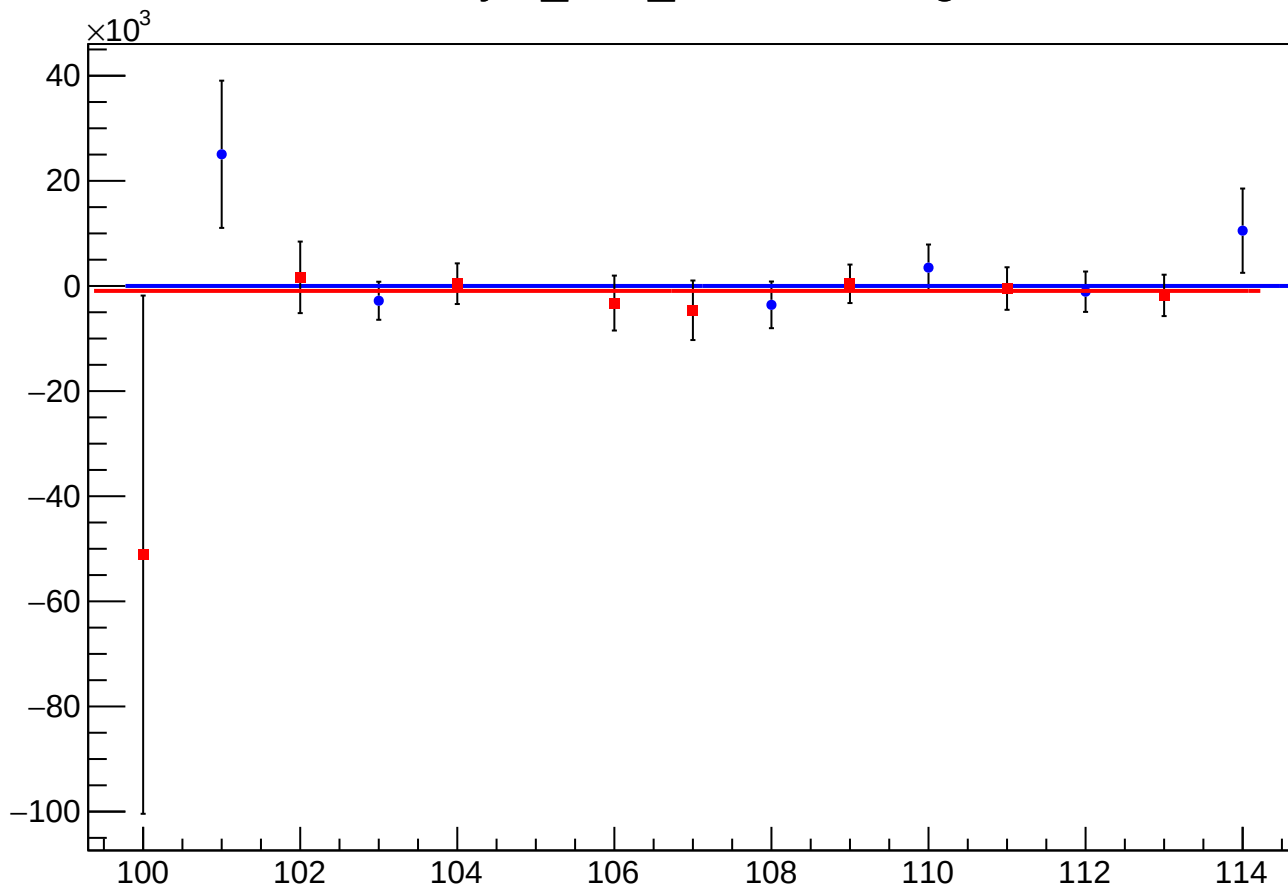
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.542+/-0.185 χ^2/NDF : 2438236.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 5.631 ± 1934.255 χ^2/NDF : 6.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -936.204 ± 1674.031 χ^2/NDF : 2.1/7

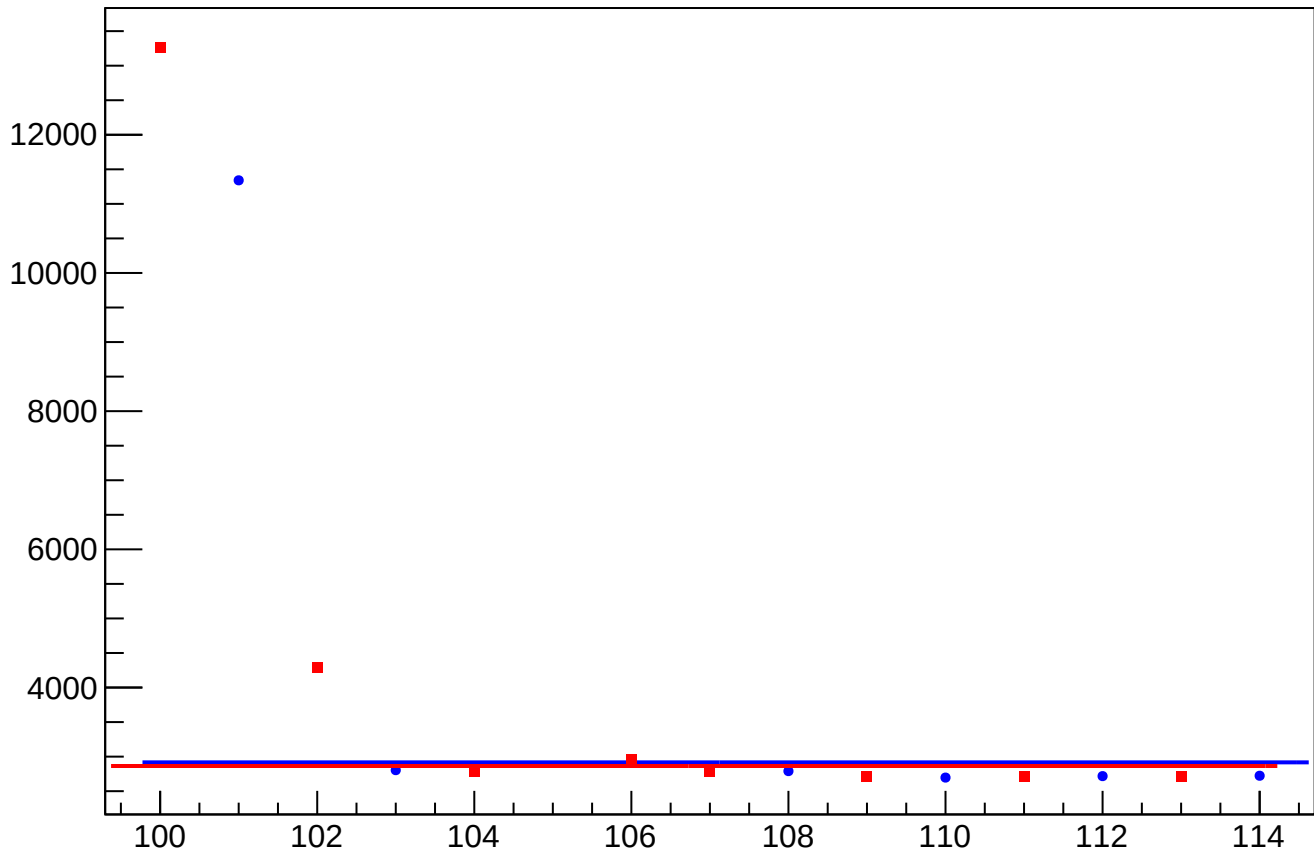
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -532.859 ± 1265.799 χ^2/NDF : 9.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_rms vs Slug



Right In: 2917.097+/-1.368 χ^2/NDF : 738648.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2864.349+/-1.184 χ^2/NDF : 188671.2/7

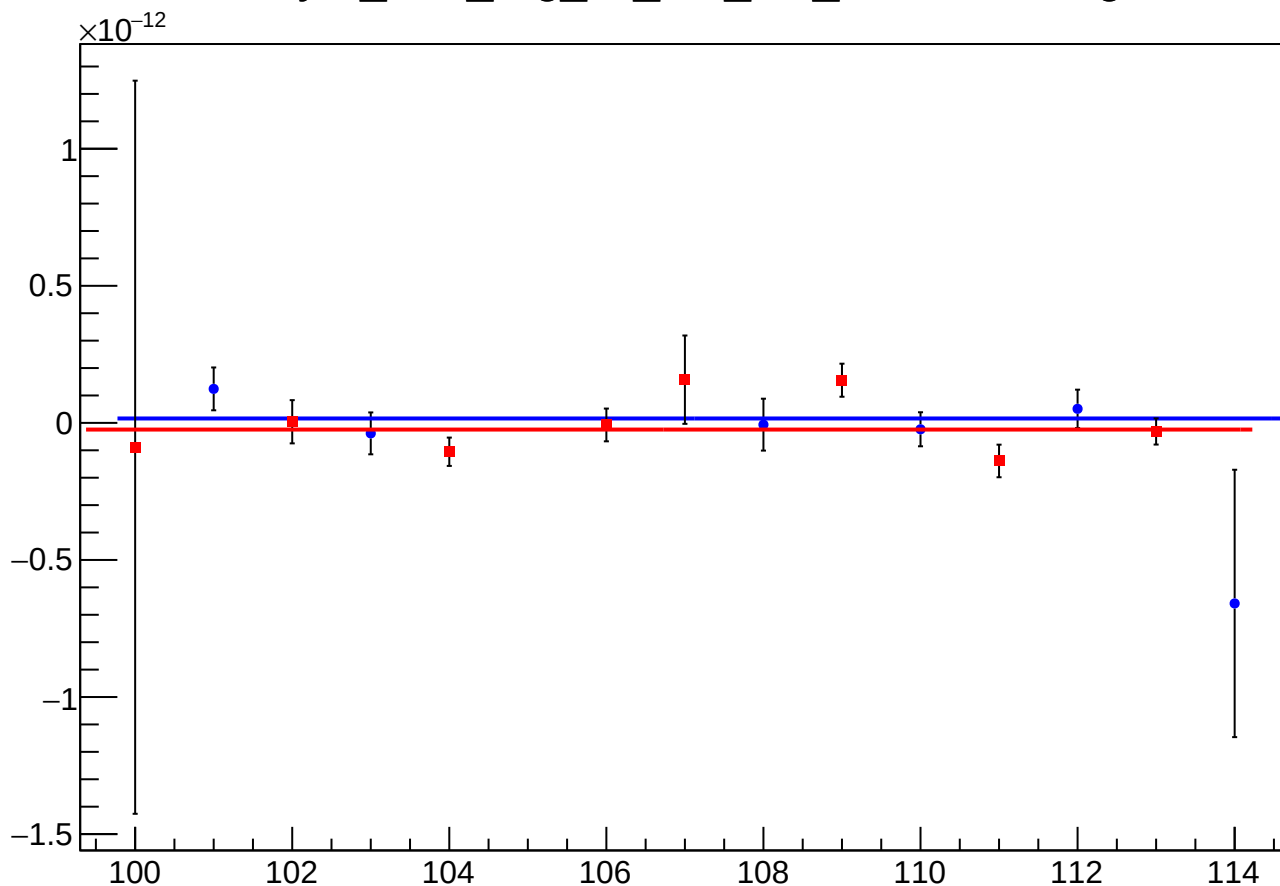
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2886.938+/-0.895 χ^2/NDF : 928169.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.6/7

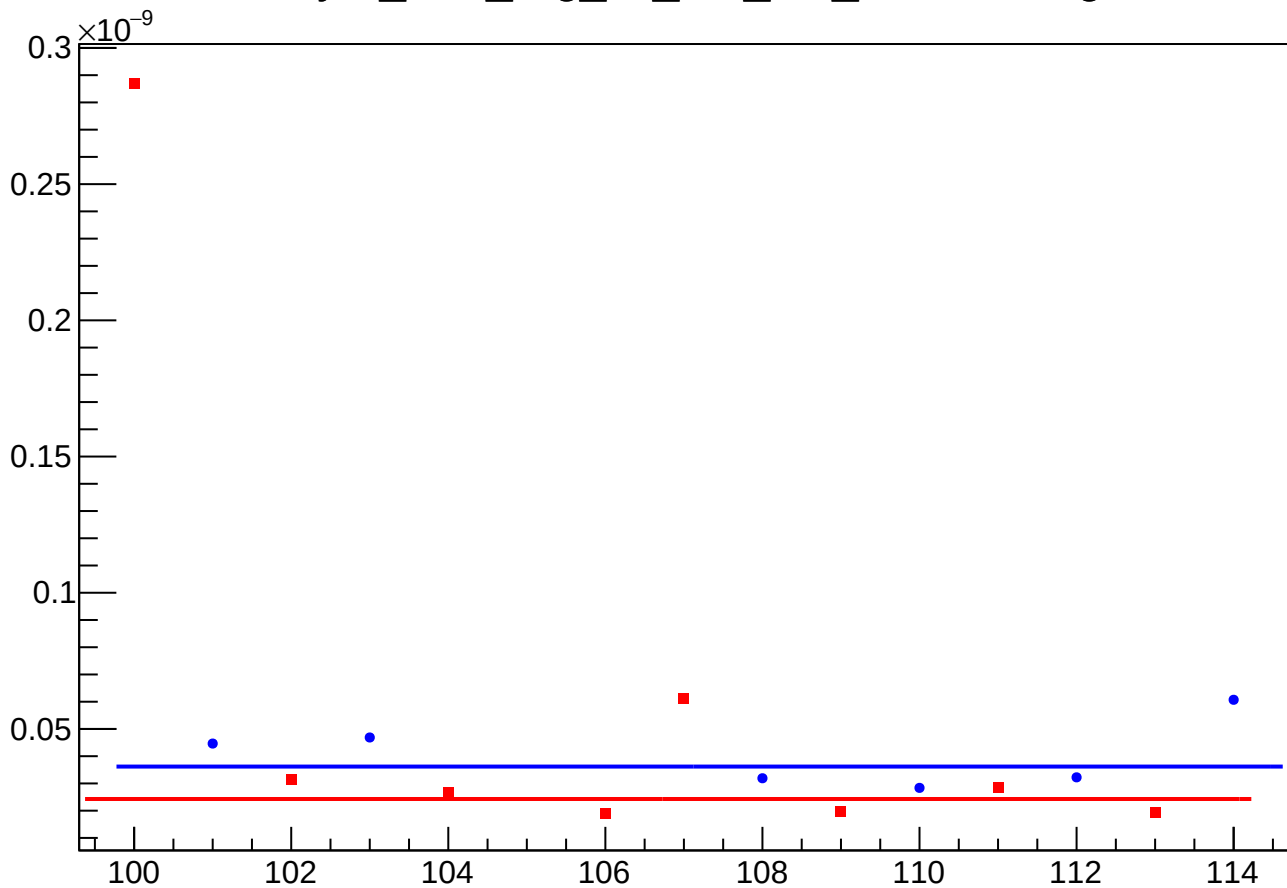
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 109767.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 261877.4/7

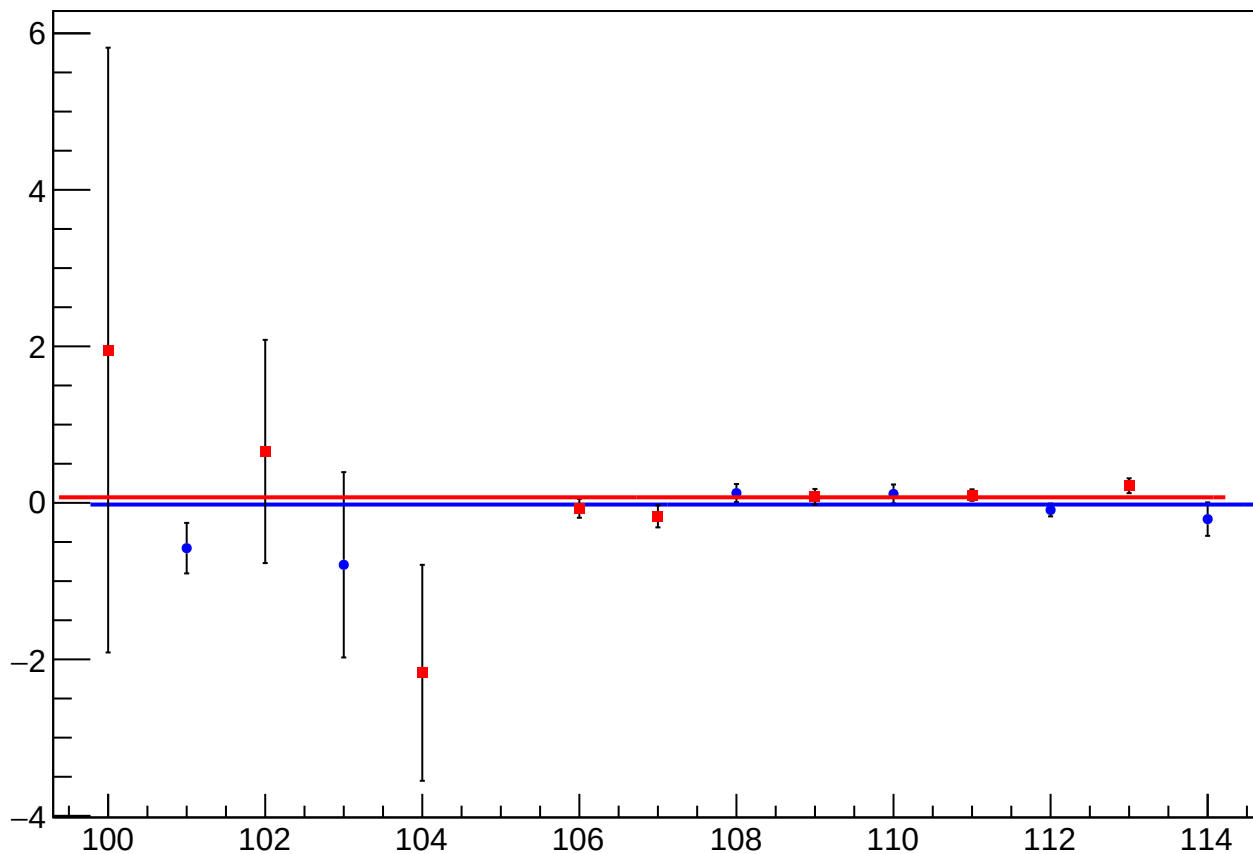
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 545206.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.056 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.071 $\pm$ 0.044 χ^2 /NDF: 10.0/7

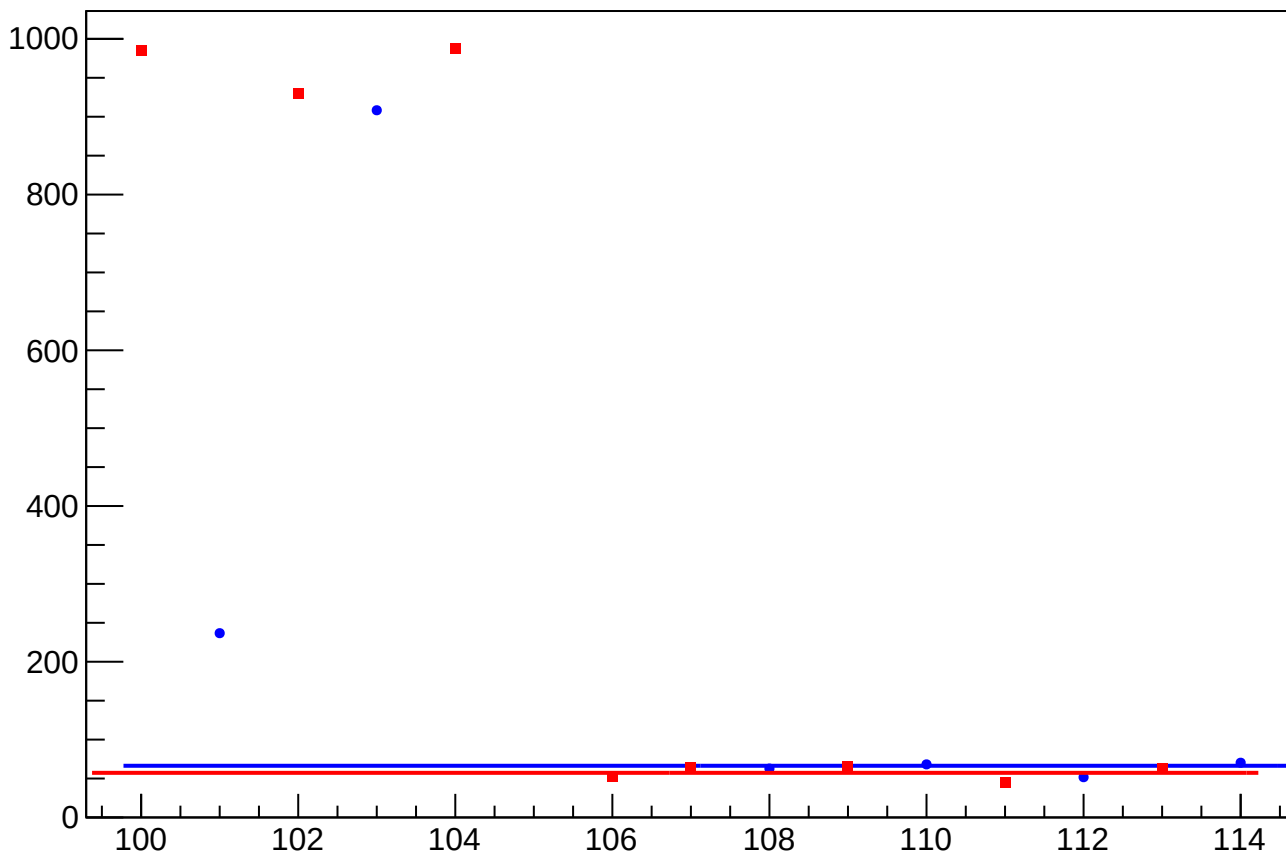
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 66.384+/-0.039 χ^2/NDF : 1635494.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

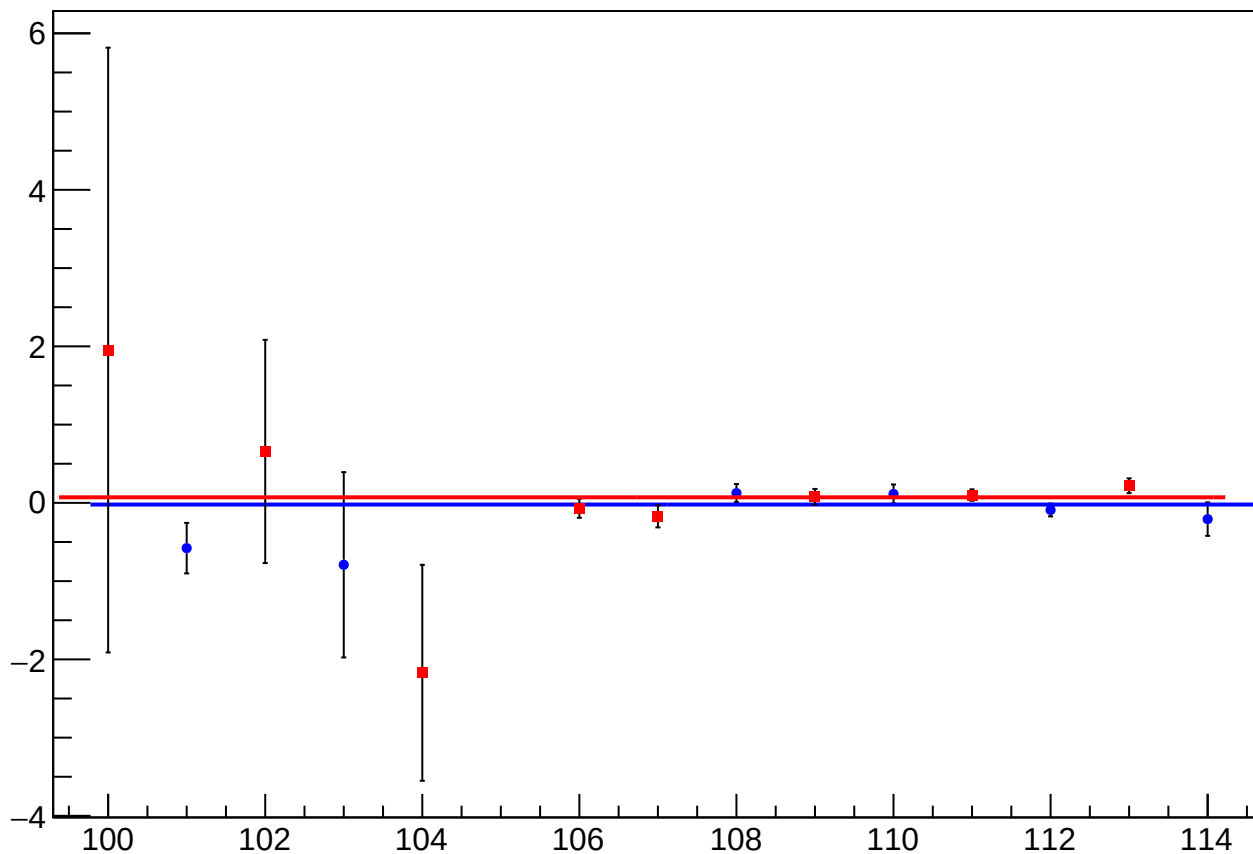
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533425.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.056 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.071 $\pm$ 0.044 χ^2 /NDF: 10.0/7

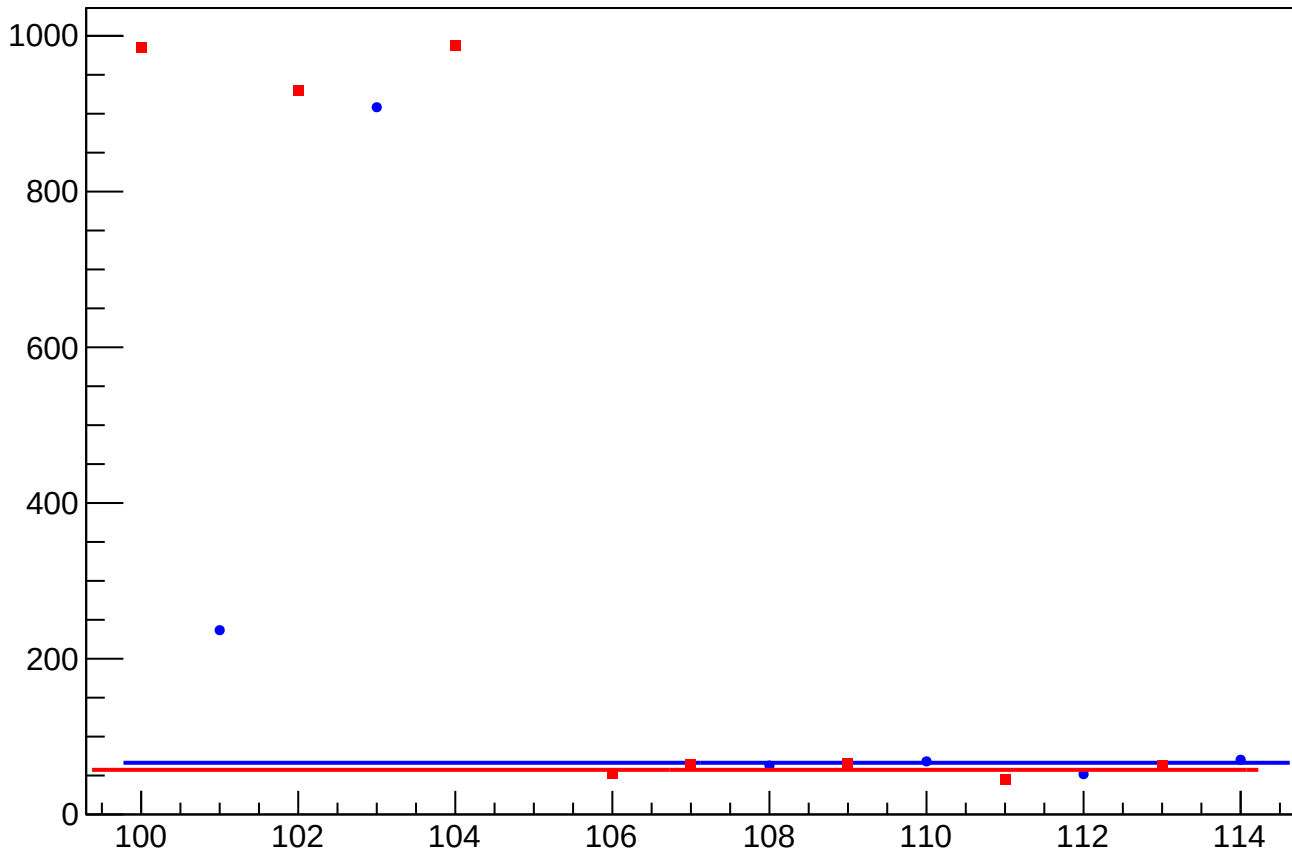
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 66.384 $\pm$ 0.039 χ^2 /NDF: 1635494.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.307 $\pm$ 0.031 χ^2 /NDF: 1865075.0/7

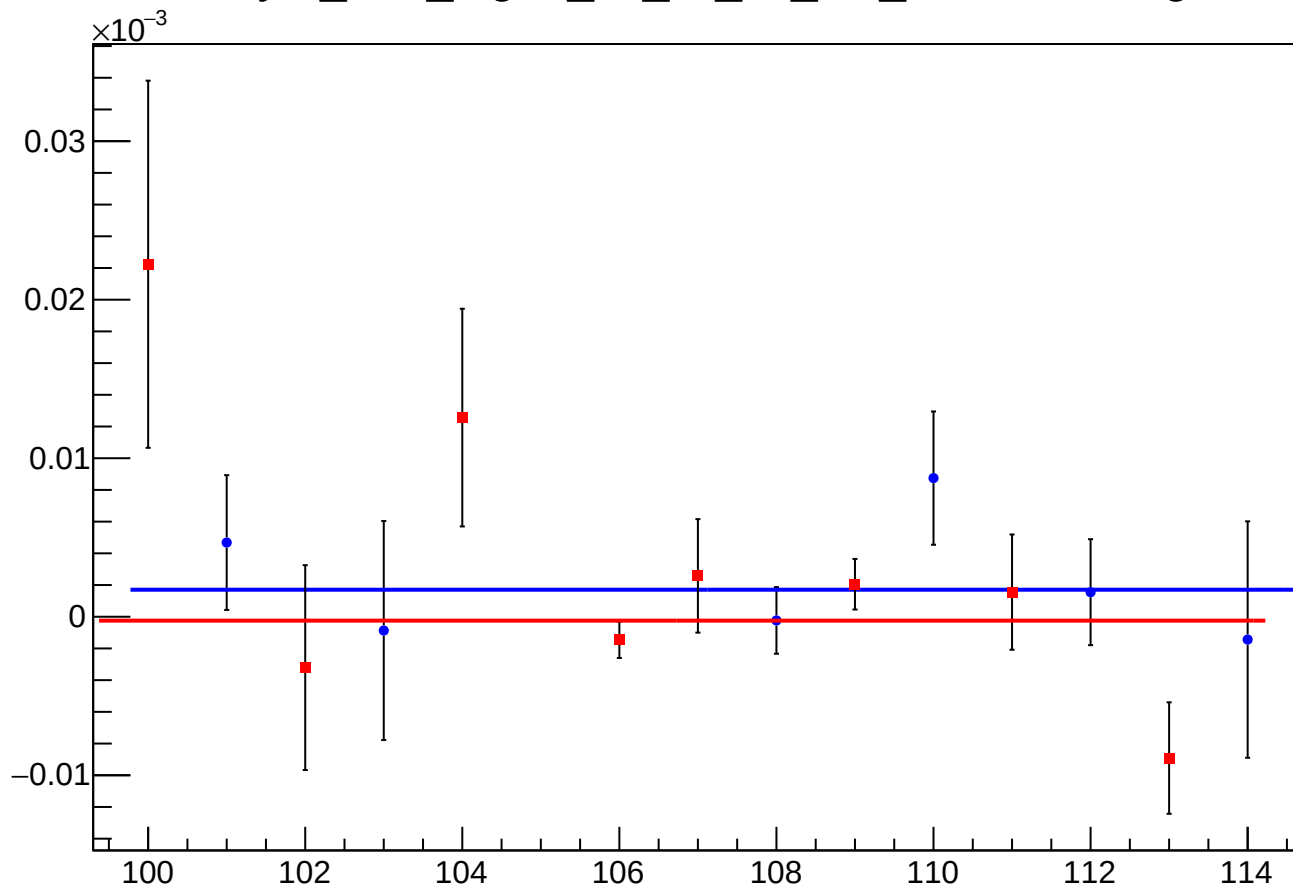
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.802 $\pm$ 0.024 χ^2 /NDF: 3533425.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/7

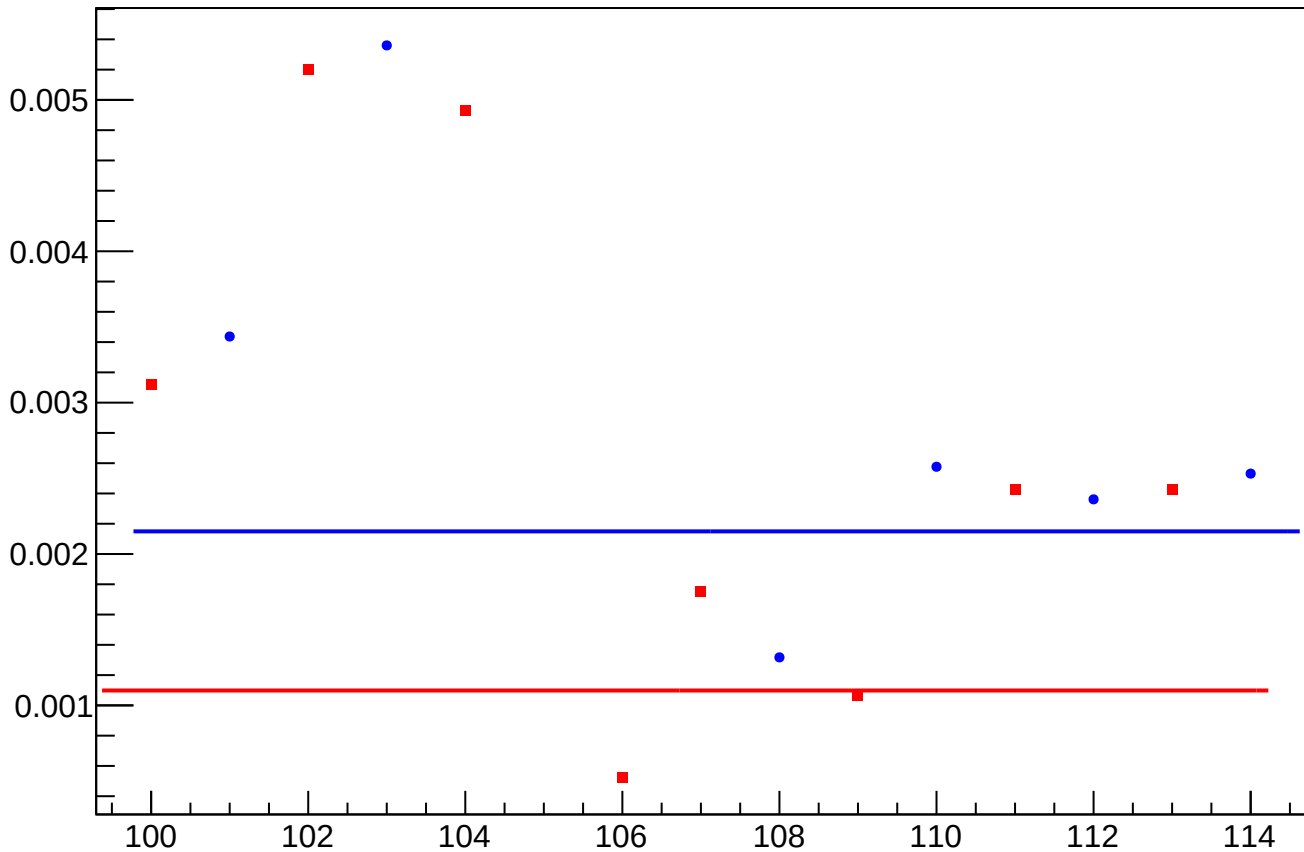
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 963200.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 2616364.4/7

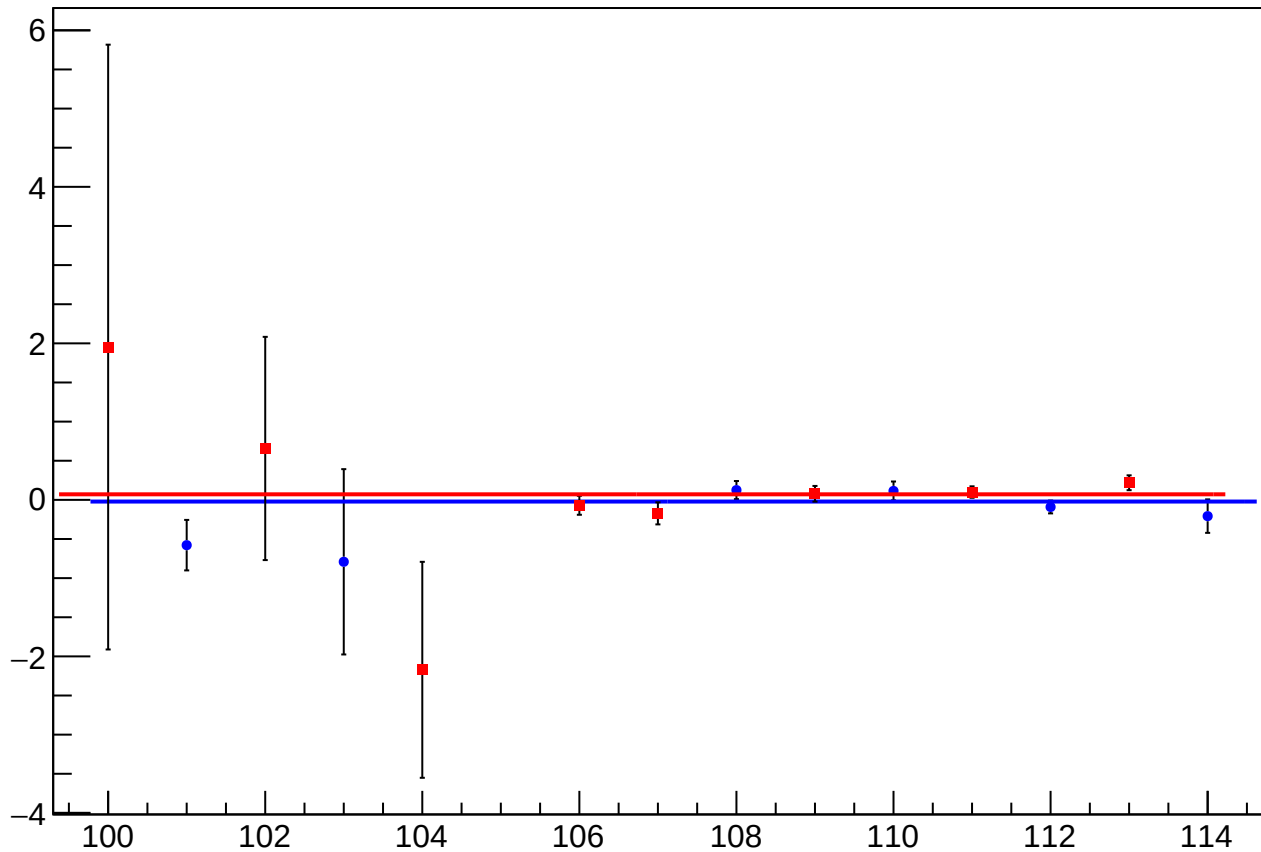
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 4359398.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.021+/-0.056 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.044 χ^2/NDF : 10.0/7

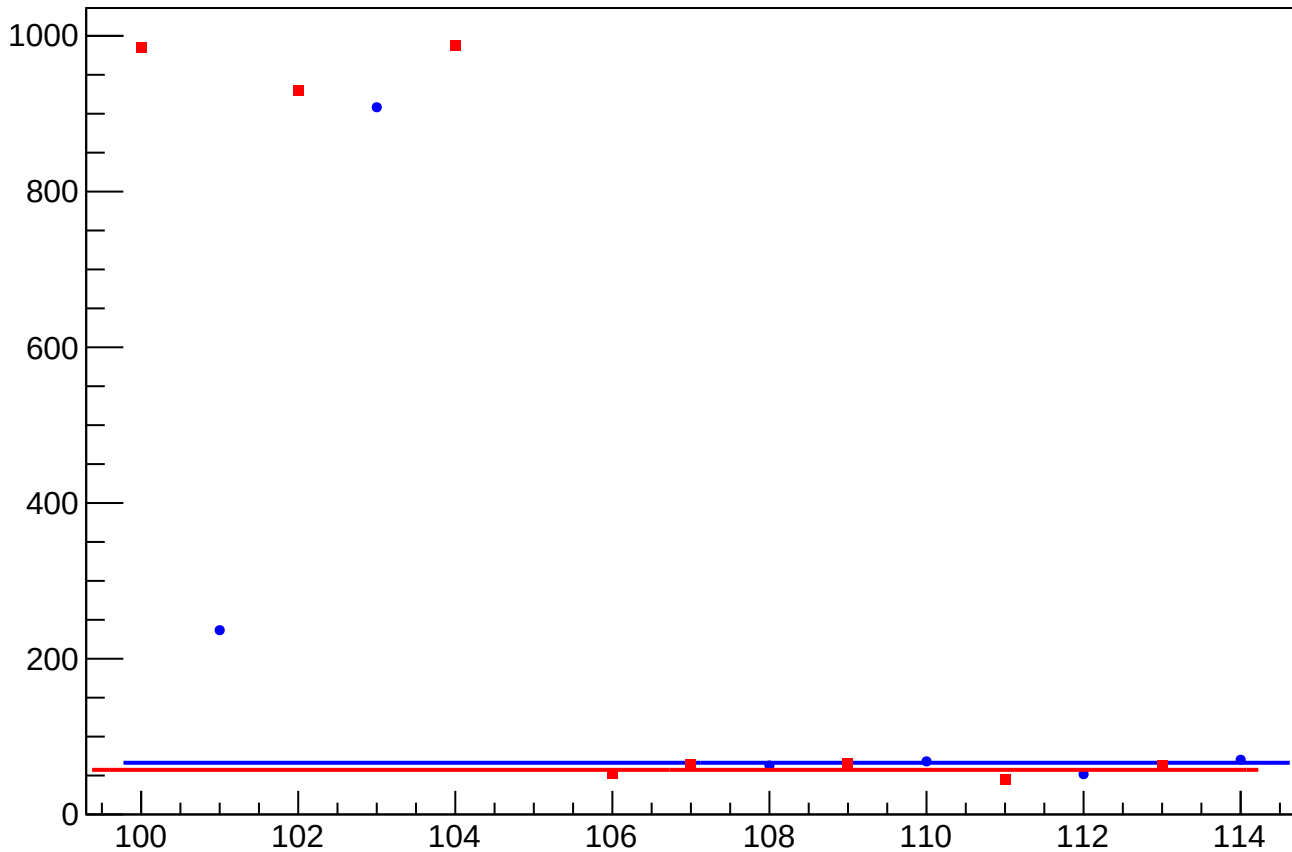
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.034 χ^2/NDF : 19.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 66.384+/-0.039 χ^2/NDF : 1635496.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

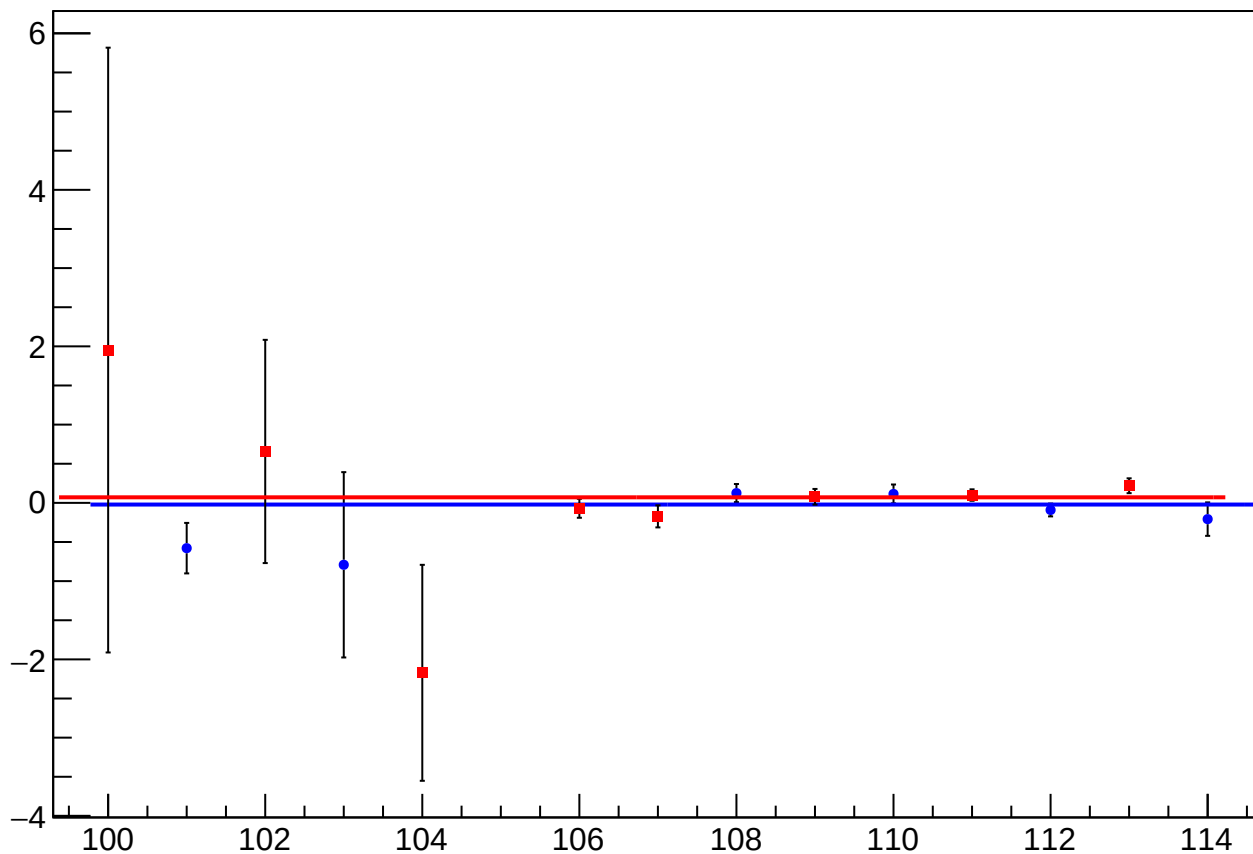
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533429.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.056 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.071 $\pm$ 0.044 χ^2 /NDF: 10.0/7

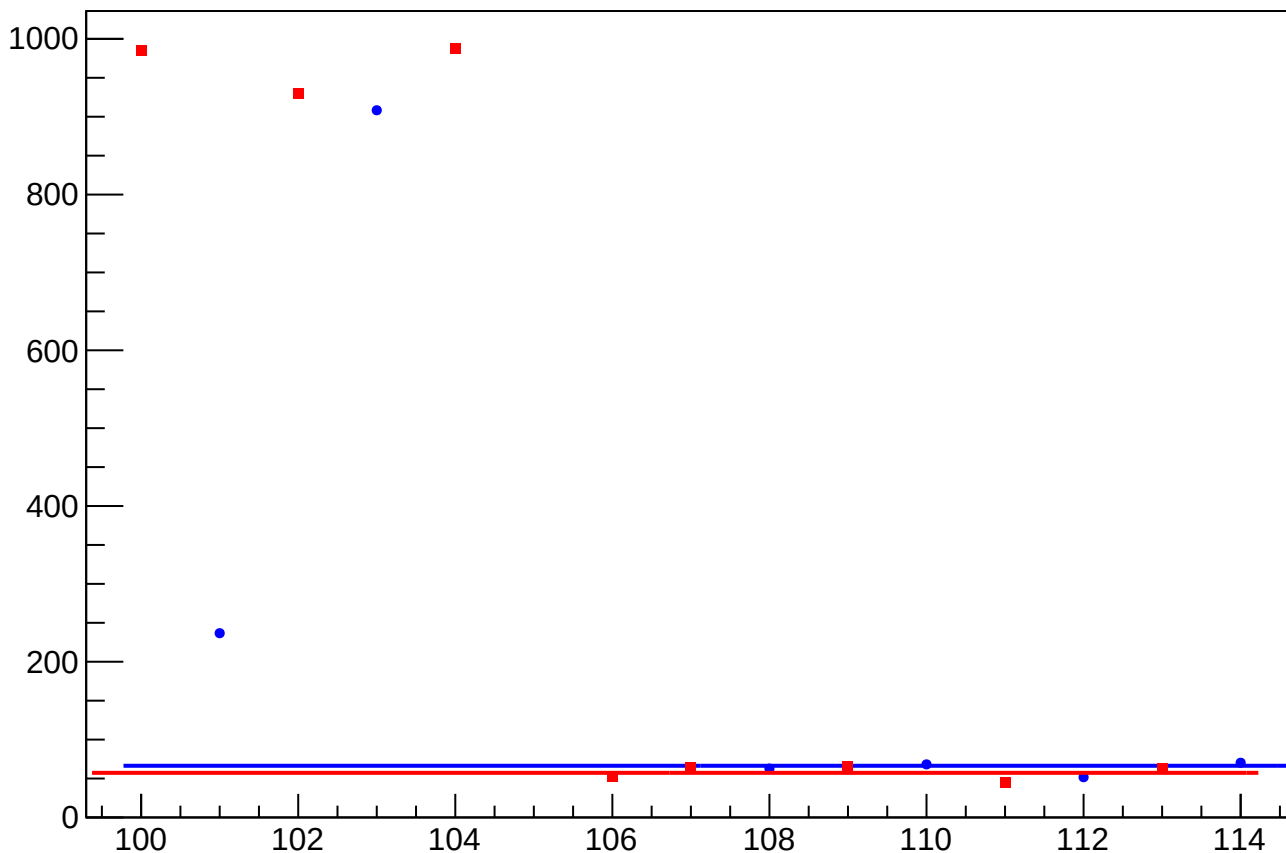
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 66.384+/-0.039 χ^2/NDF : 1635496.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

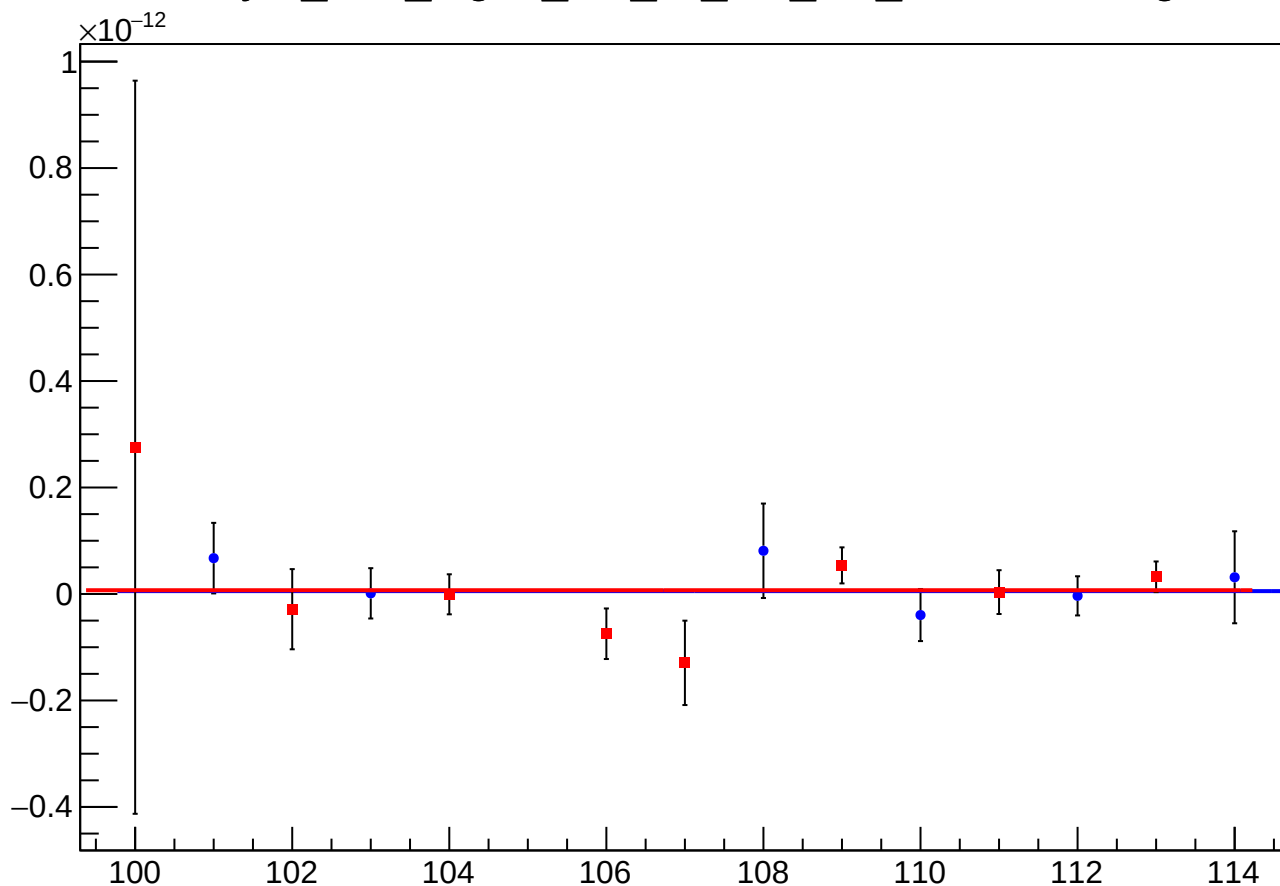
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533429.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/7

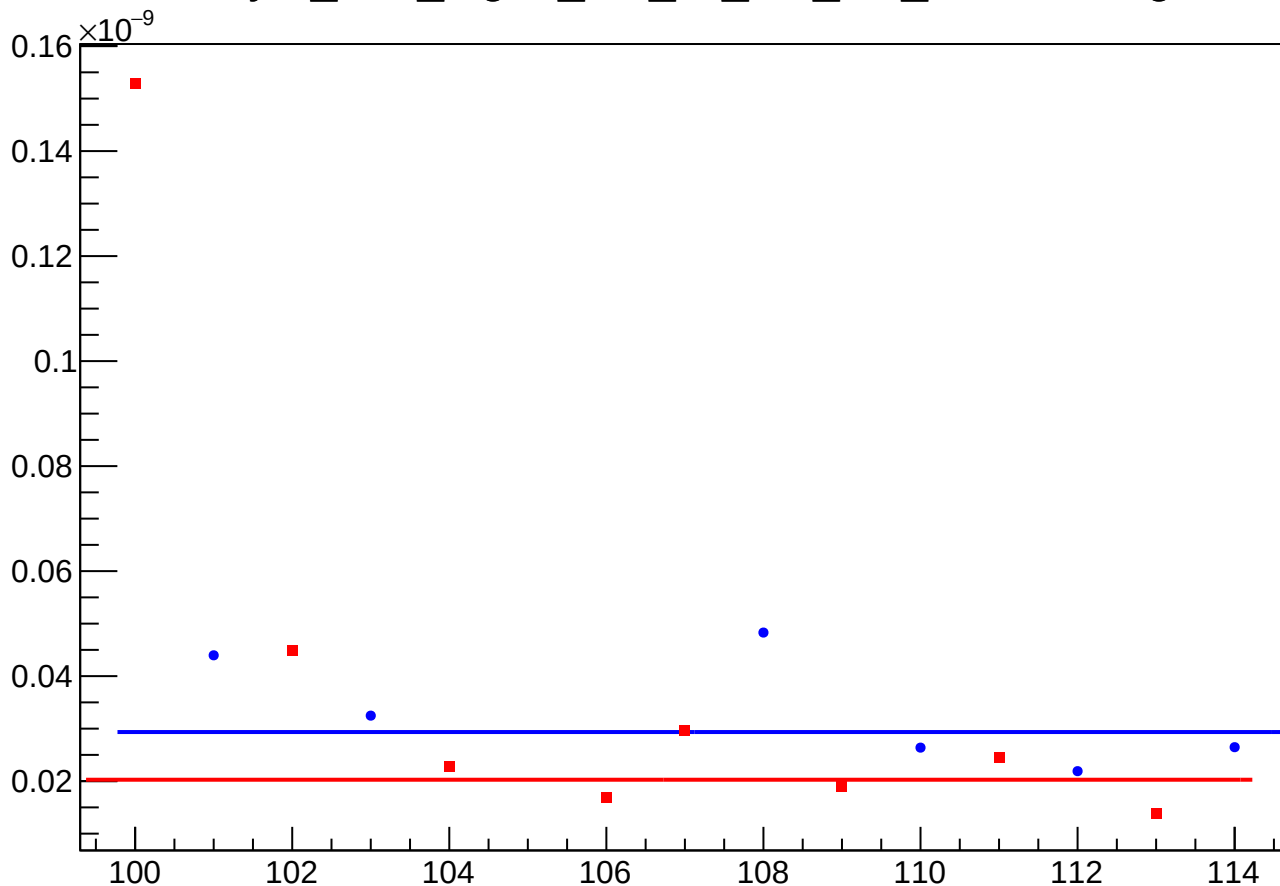
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 288909.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 461502.2/7

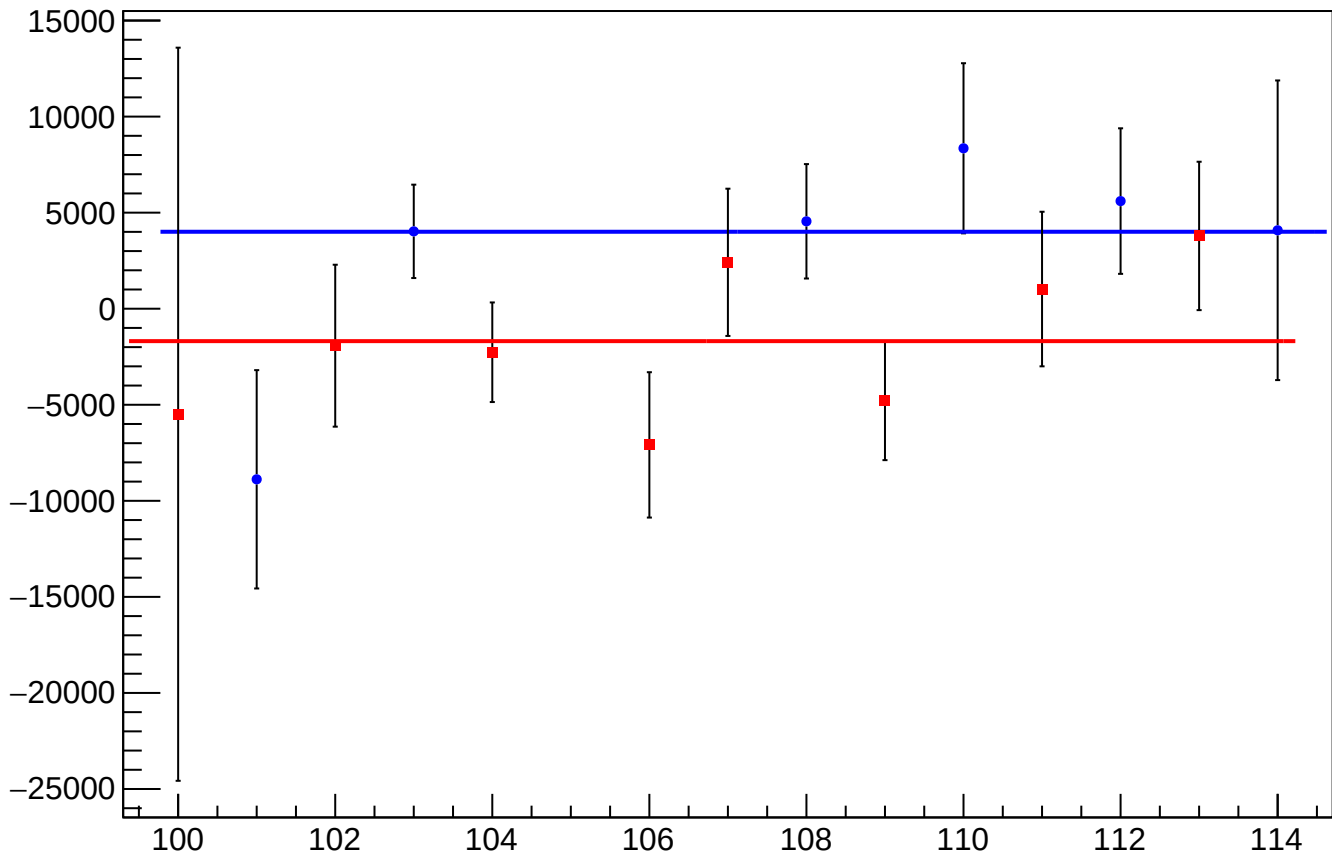
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 980191.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_mean vs Slug



Right In: 4005.768+/-1490.447 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1687.659+/-1313.343 χ^2/NDF : 6.8/7

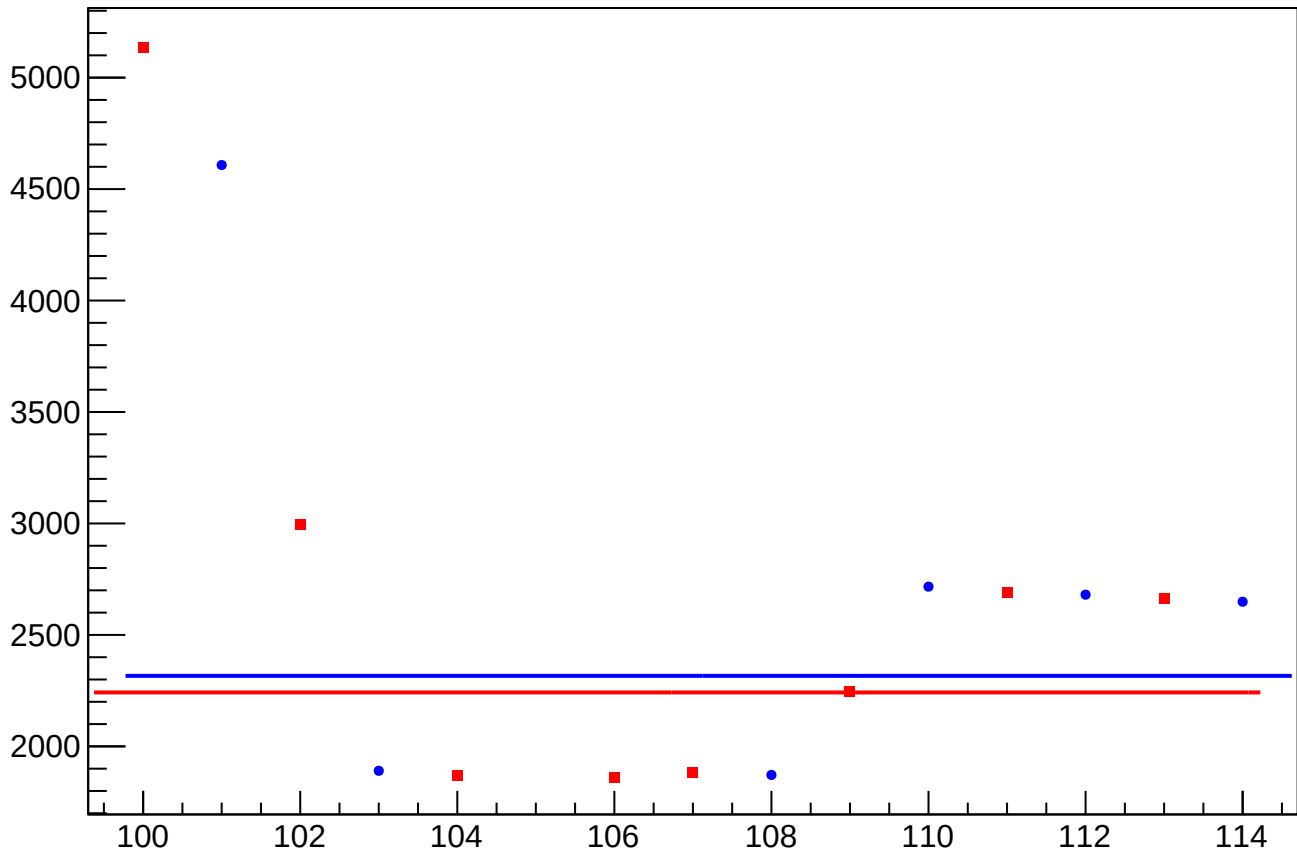
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.853+/-985.370 χ^2/NDF : 21.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2316.375+/-1.054 χ^2/NDF : 469613.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2241.934+/-0.929 χ^2/NDF : 238475.5/7

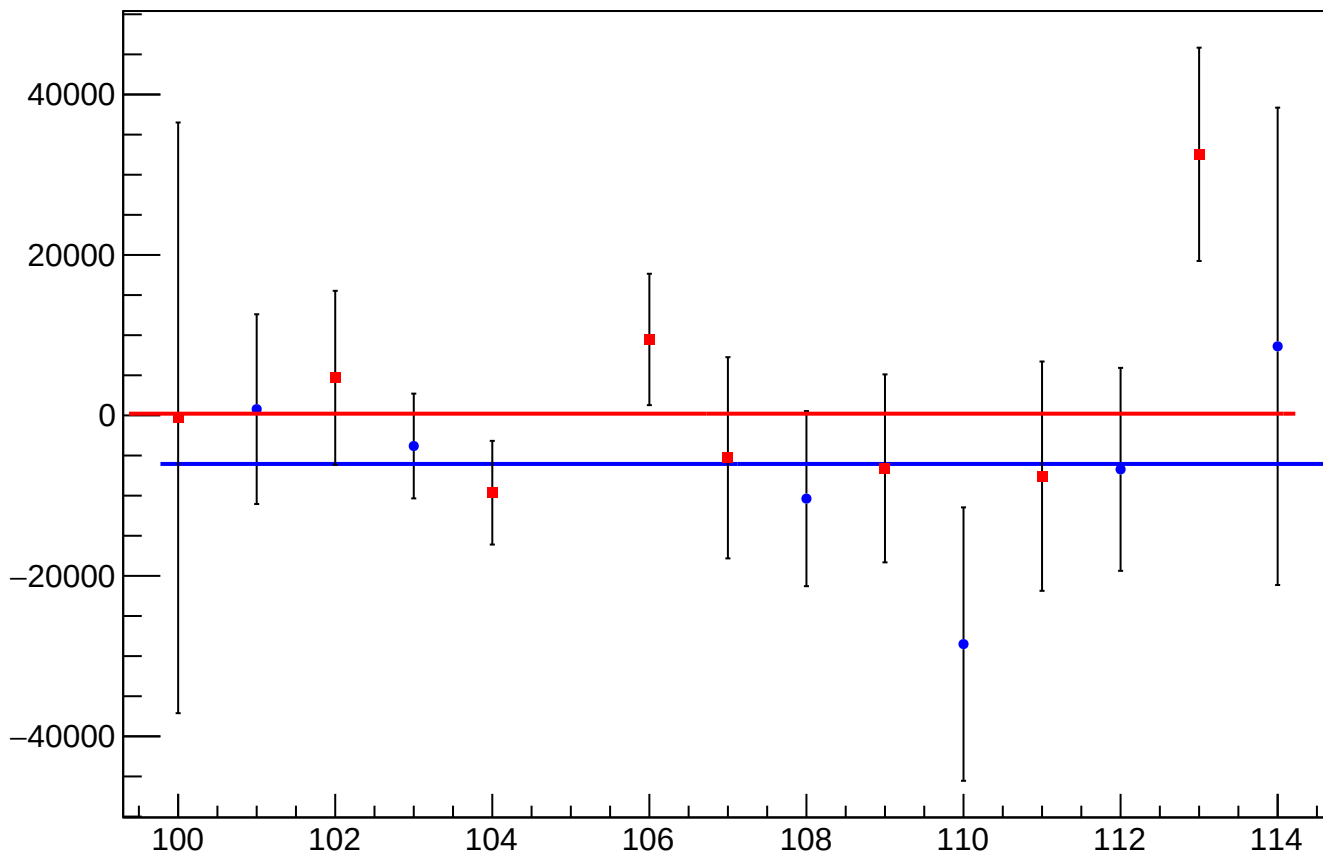
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.471+/-0.697 χ^2/NDF : 710896.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_mean vs Slug



Right In: -6047.935+/-4479.329 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.856+/-3718.759 χ^2/NDF : 10.5/7

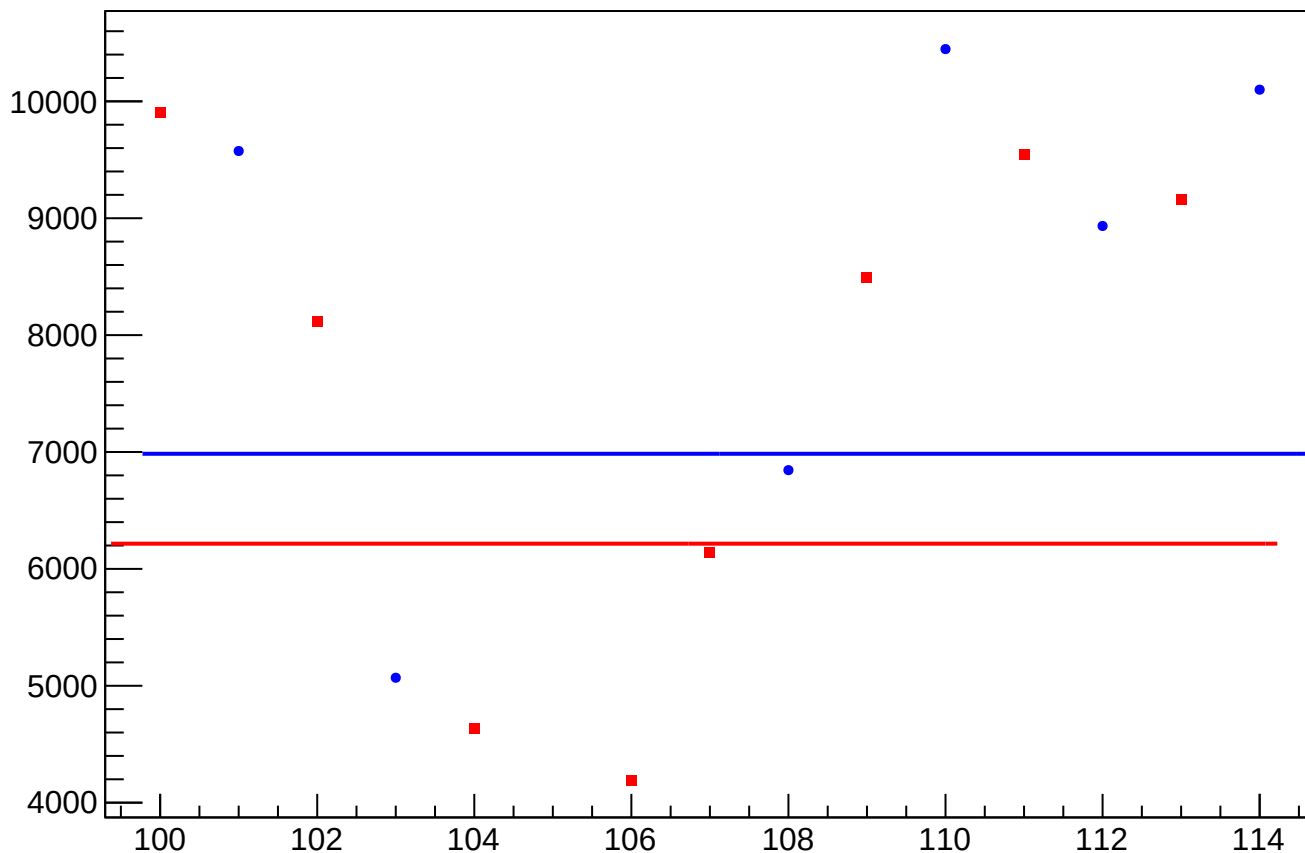
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2339.289+/-2861.228 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_rms vs Slug



Right In: 6984.894+/-3.167 χ^2/NDF : 420576.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6215.794+/-2.630 χ^2/NDF : 606564.1/7

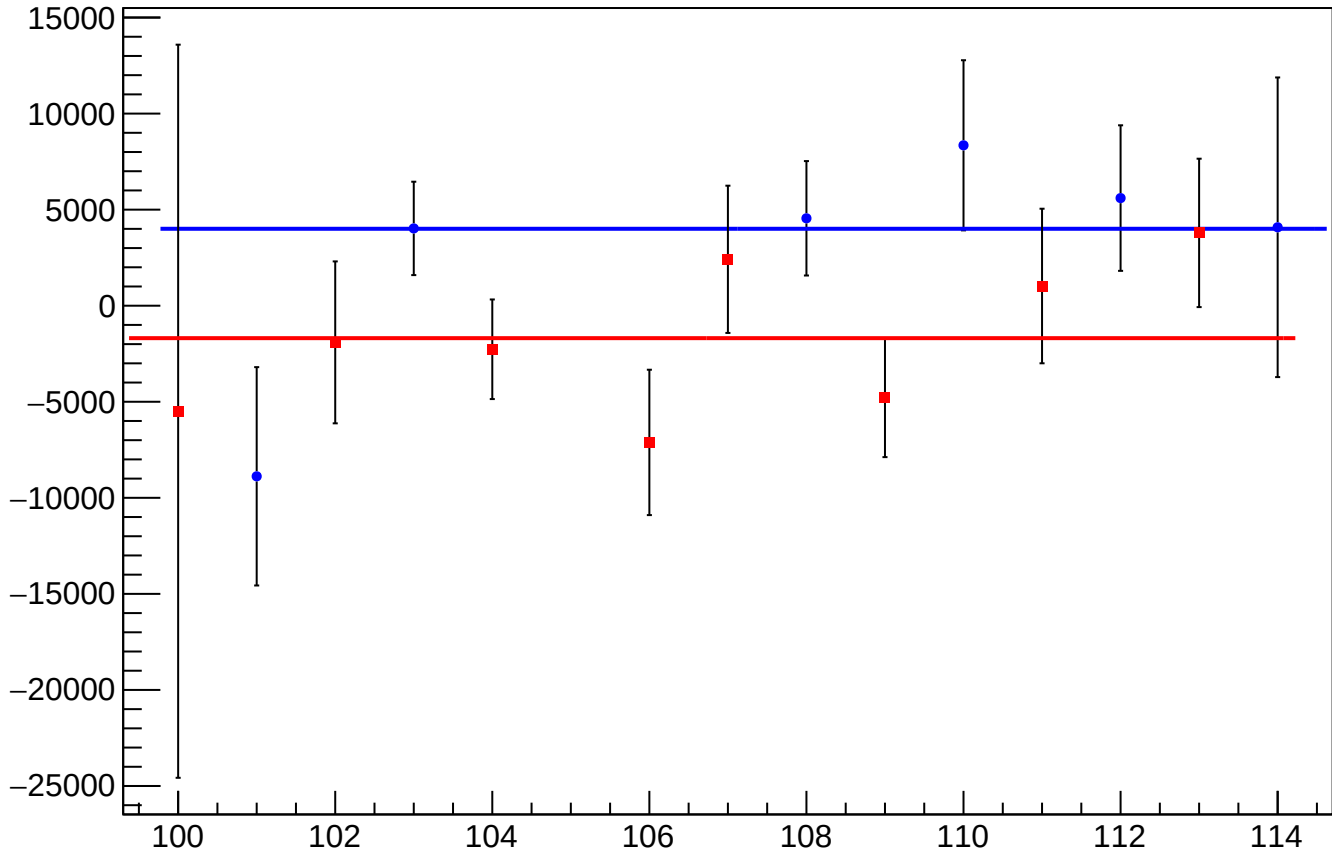
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6529.600+/-2.023 χ^2/NDF : 1062044.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_mean vs Slug



Right In: 4004.410+/-1490.448 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1689.154+/-1313.364 χ^2/NDF : 6.8/7

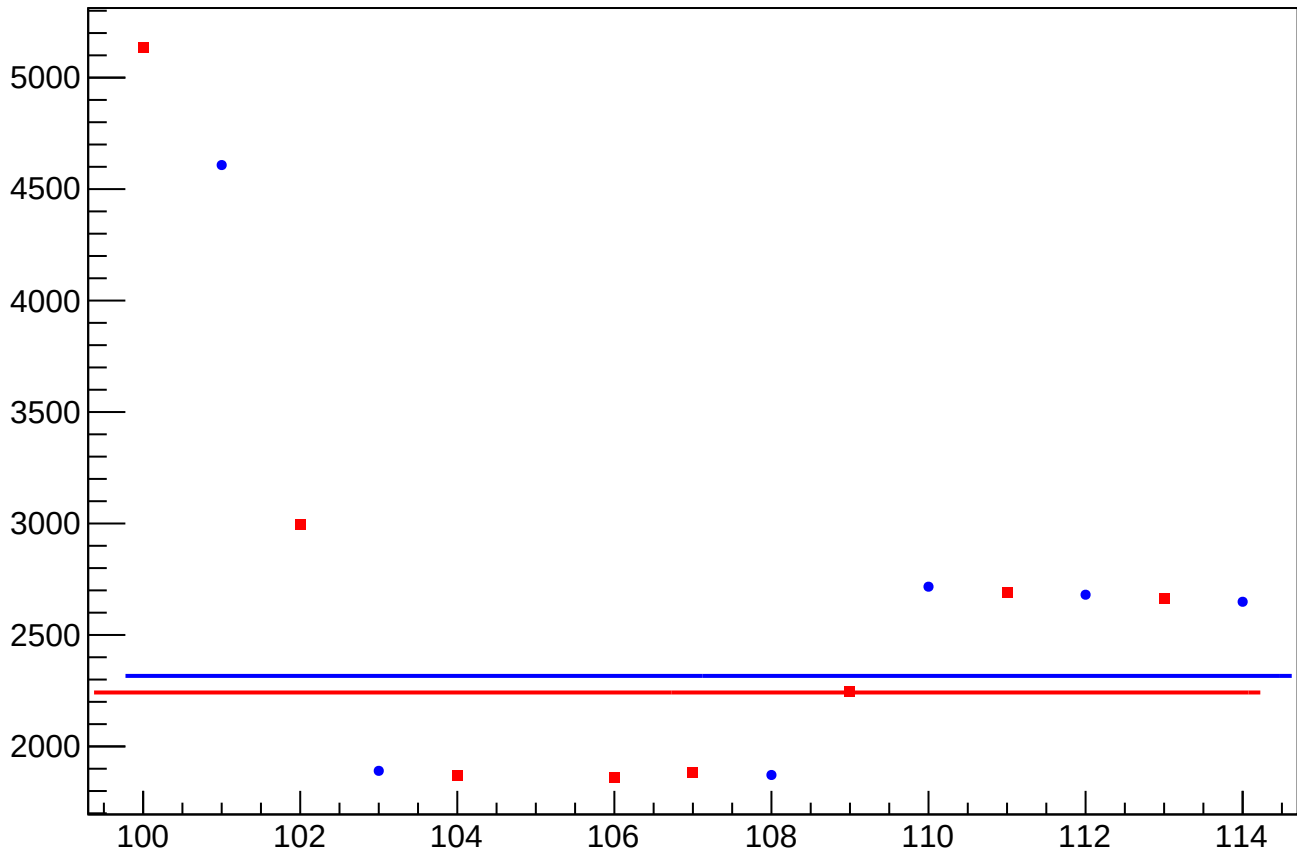
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.461+/-985.380 χ^2/NDF : 21.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_rms vs Slug



Right In: 2316.377 $\pm$ 1.054 χ^2 /NDF: 469611.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2241.977 $\pm$ 0.929 χ^2 /NDF: 238443.2/7

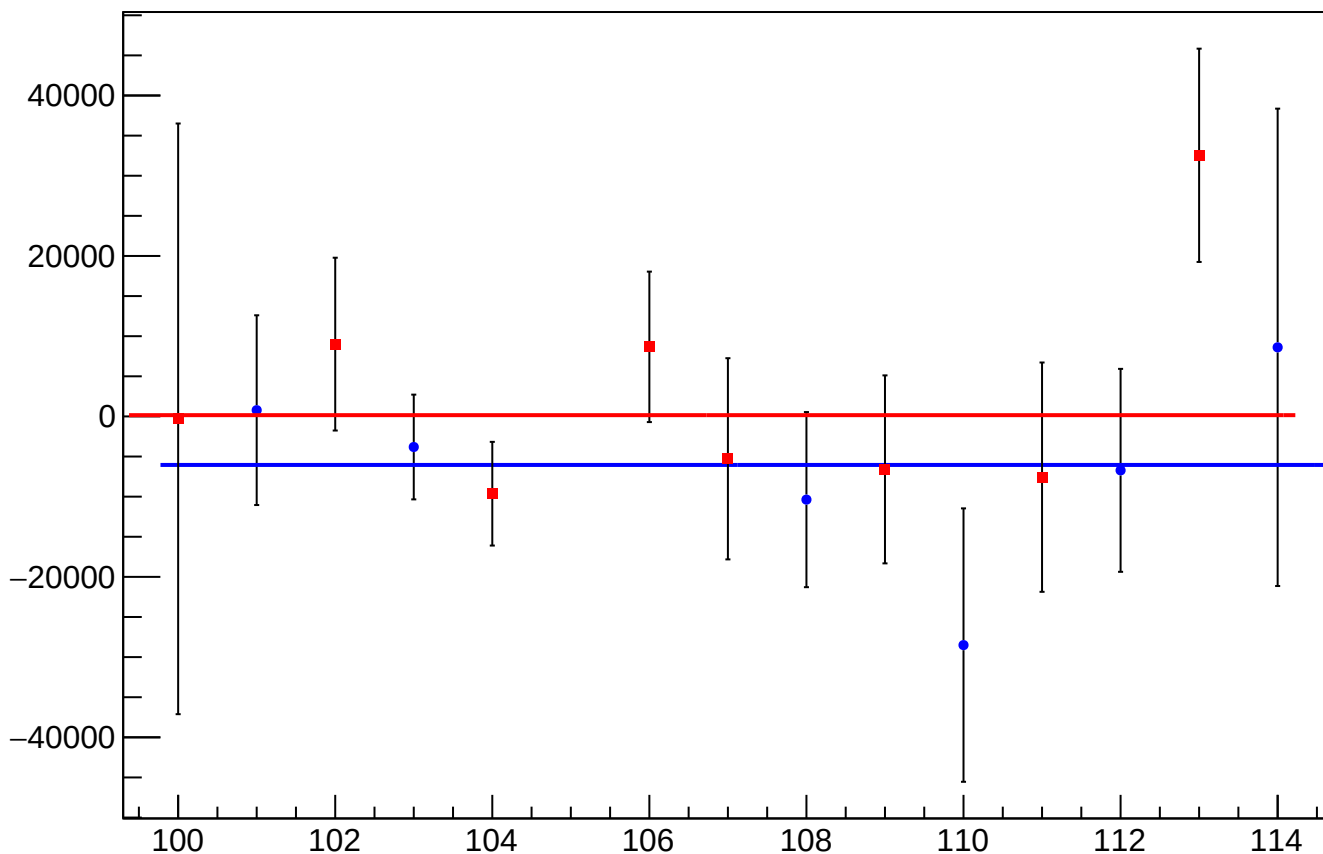
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2274.496 $\pm$ 0.697 χ^2 /NDF: 710860.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_cor_correction_mean vs Slug



Right In: -6047.894+/-4479.604 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.525+/-3810.350 χ^2/NDF : 10.5/7

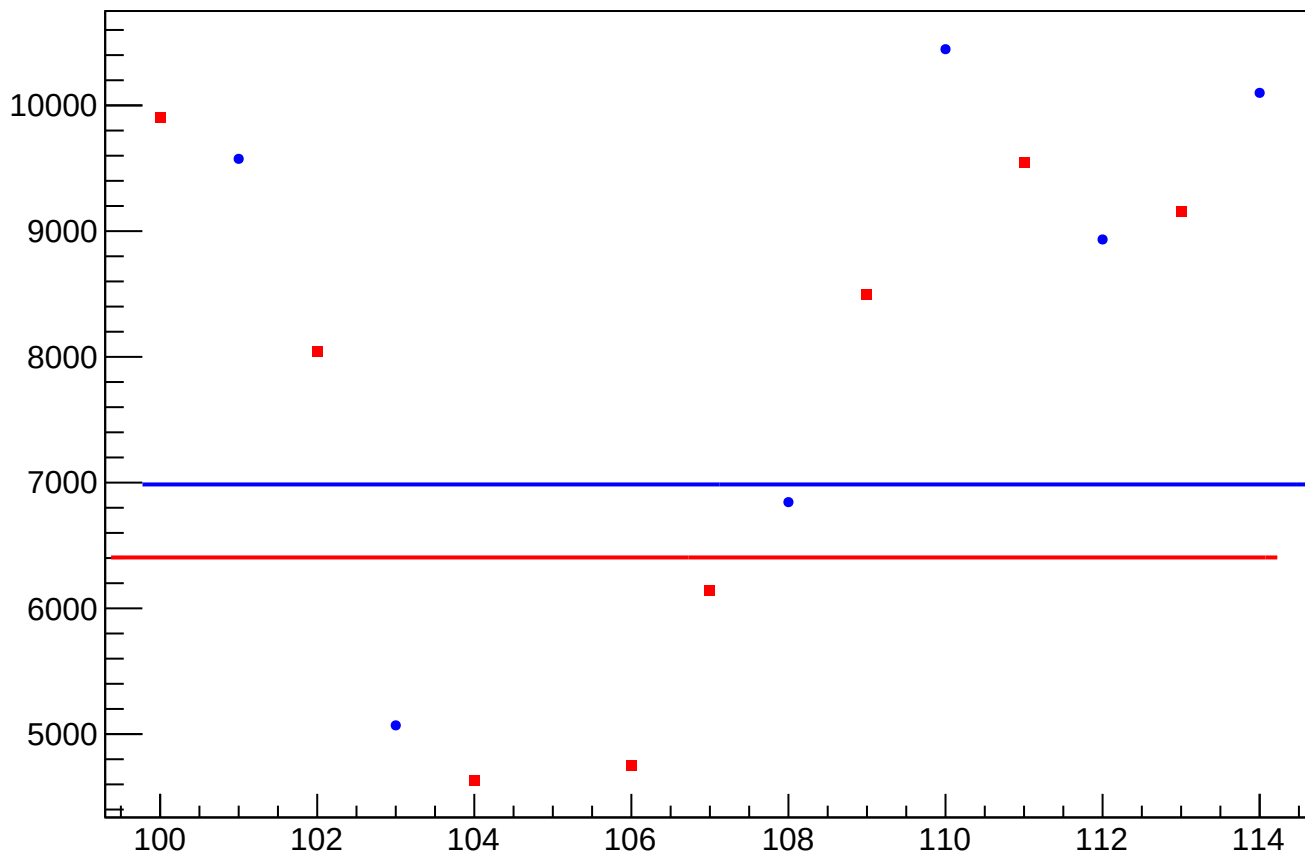
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2447.460+/-2902.396 χ^2/NDF : 14.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 6985.465+/-3.168 χ^2/NDF : 420400.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6404.851+/-2.694 χ^2/NDF : 524607.5/7

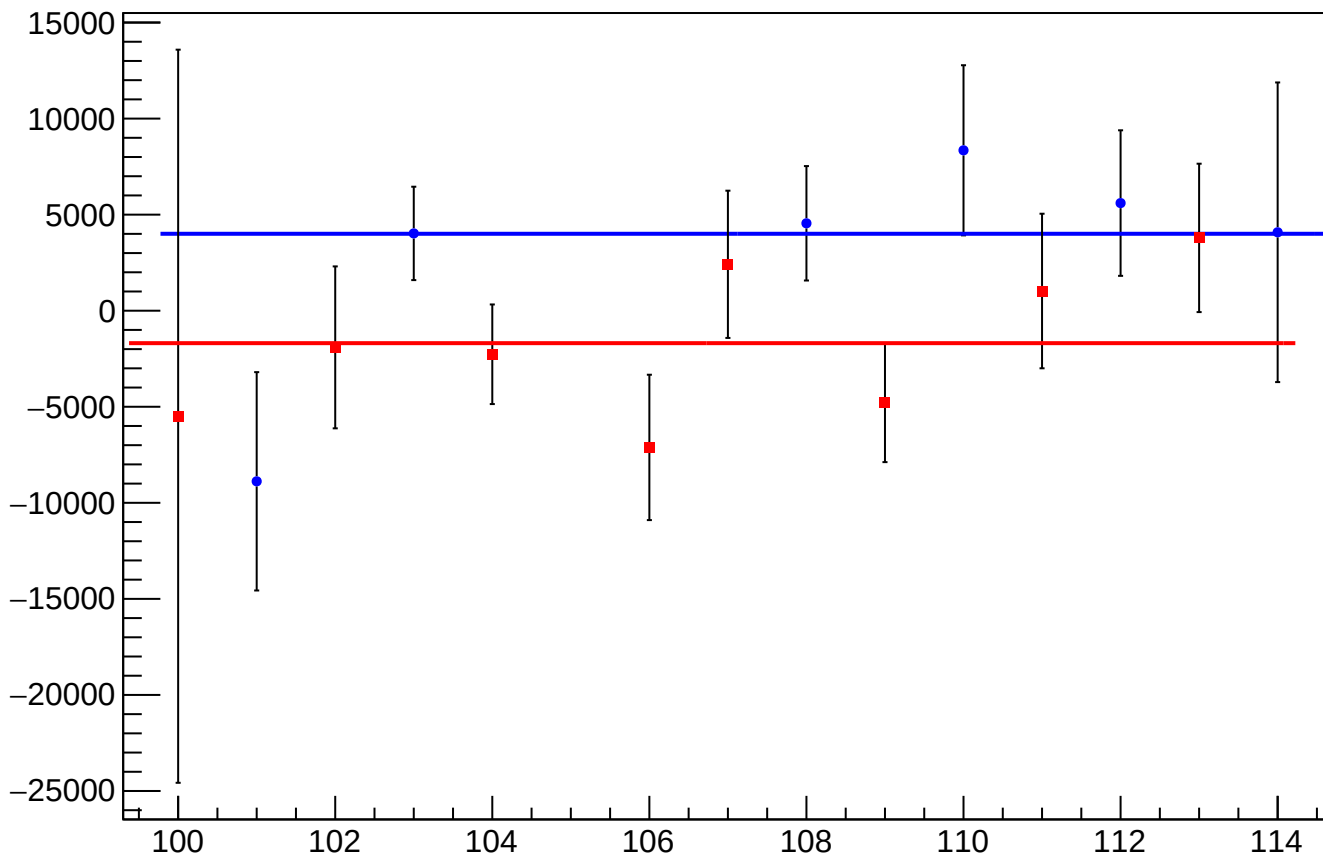
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6648.588+/-2.052 χ^2/NDF : 964502.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_mean vs Slug



Right In: 4004.410+/-1490.448 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1689.154+/-1313.364 χ^2/NDF : 6.8/7

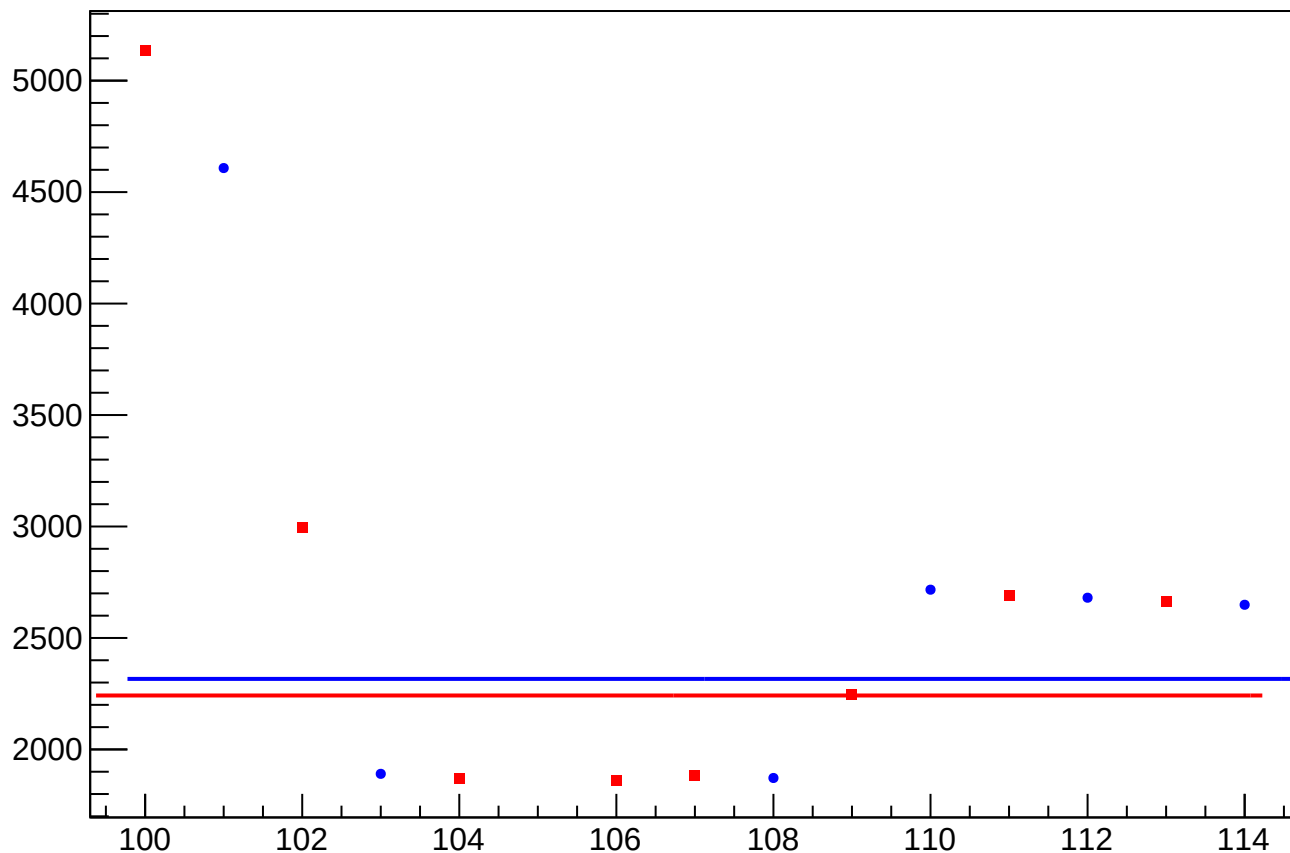
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.461+/-985.380 χ^2/NDF : 21.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_rms vs Slug



Right In: 2316.377+/-1.054 χ^2/NDF : 469611.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2241.977+/-0.929 χ^2/NDF : 238443.2/7

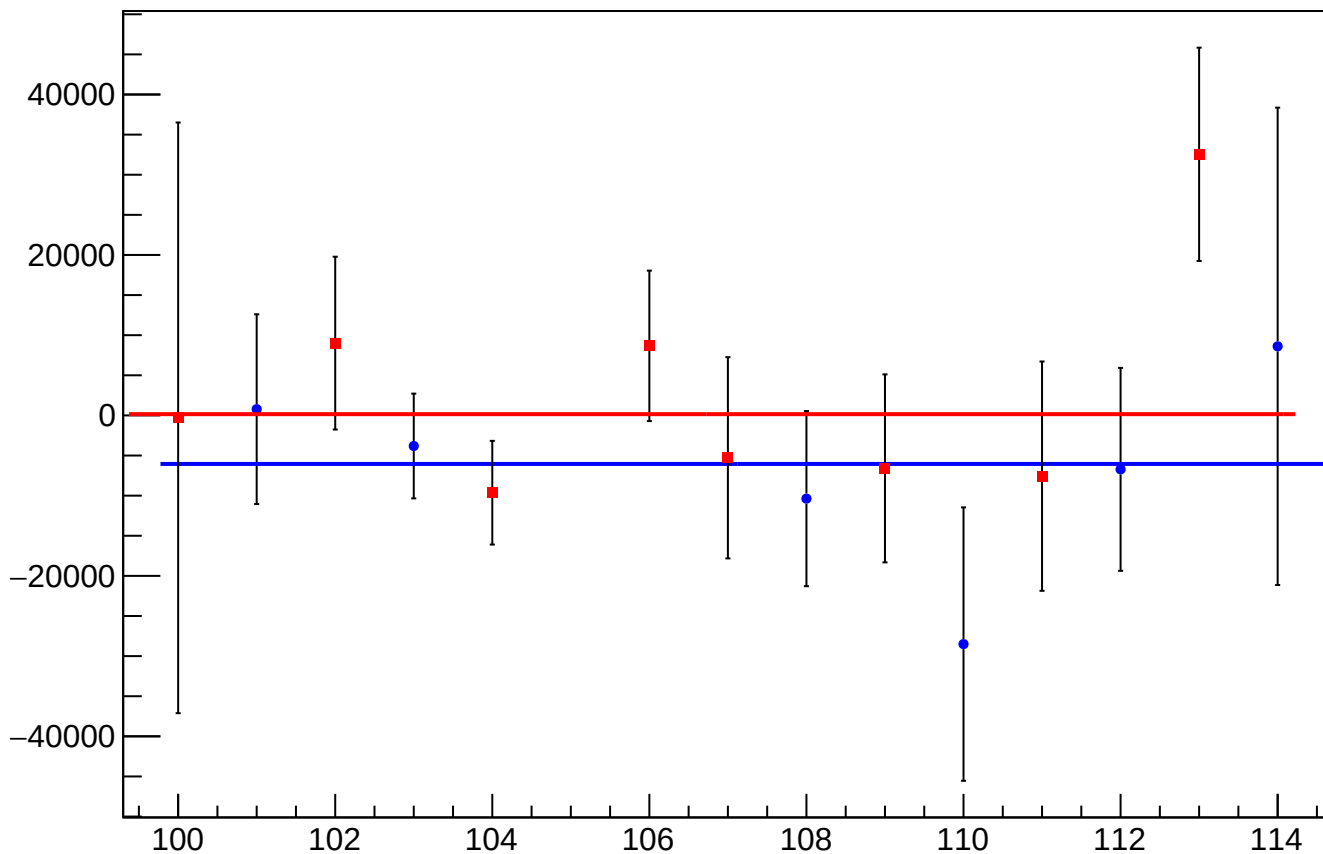
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.496+/-0.697 χ^2/NDF : 710860.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -6047.894+/-4479.604 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.525+/-3810.350 χ^2/NDF : 10.5/7

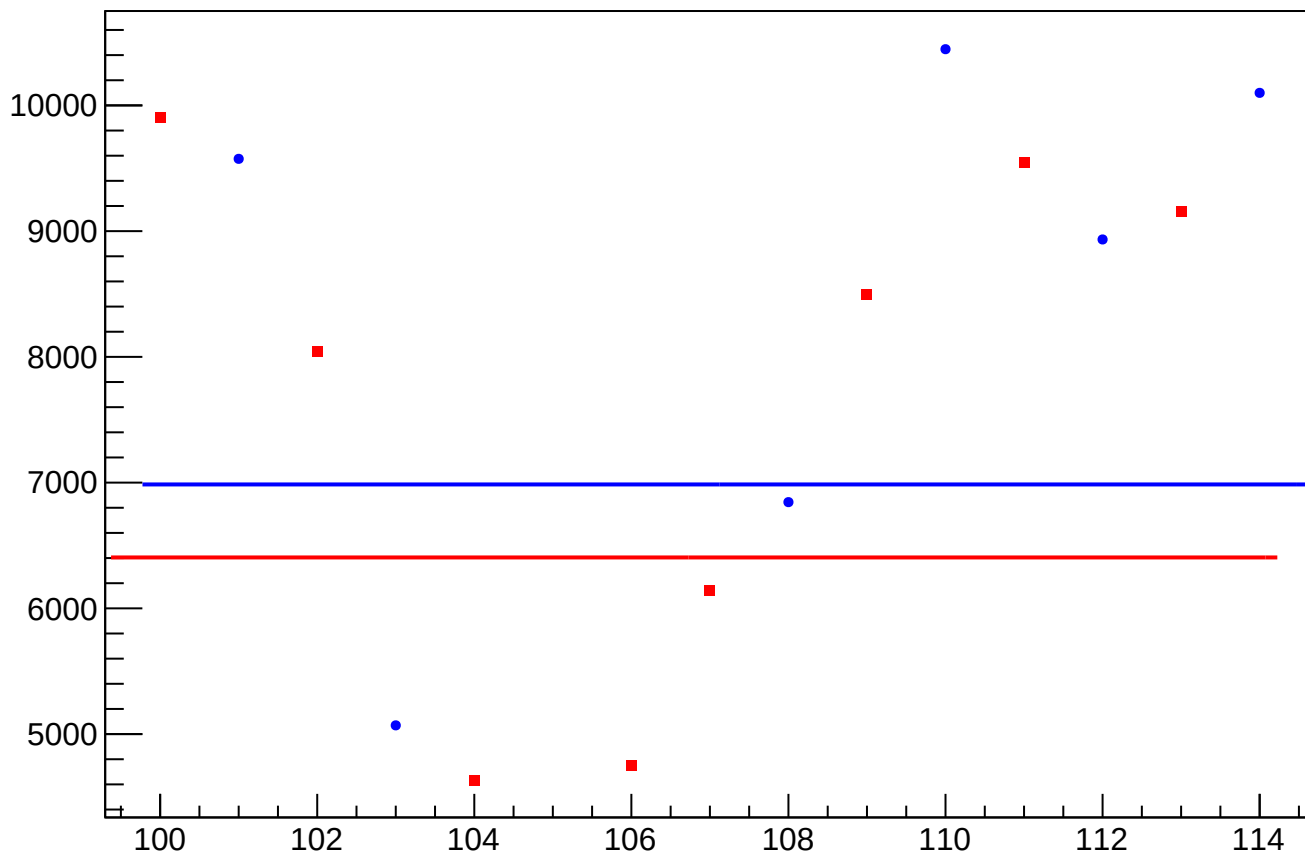
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2447.460+/-2902.396 χ^2/NDF : 14.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 6985.465+/-3.168 χ^2/NDF : 420400.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6404.851+/-2.694 χ^2/NDF : 524607.5/7

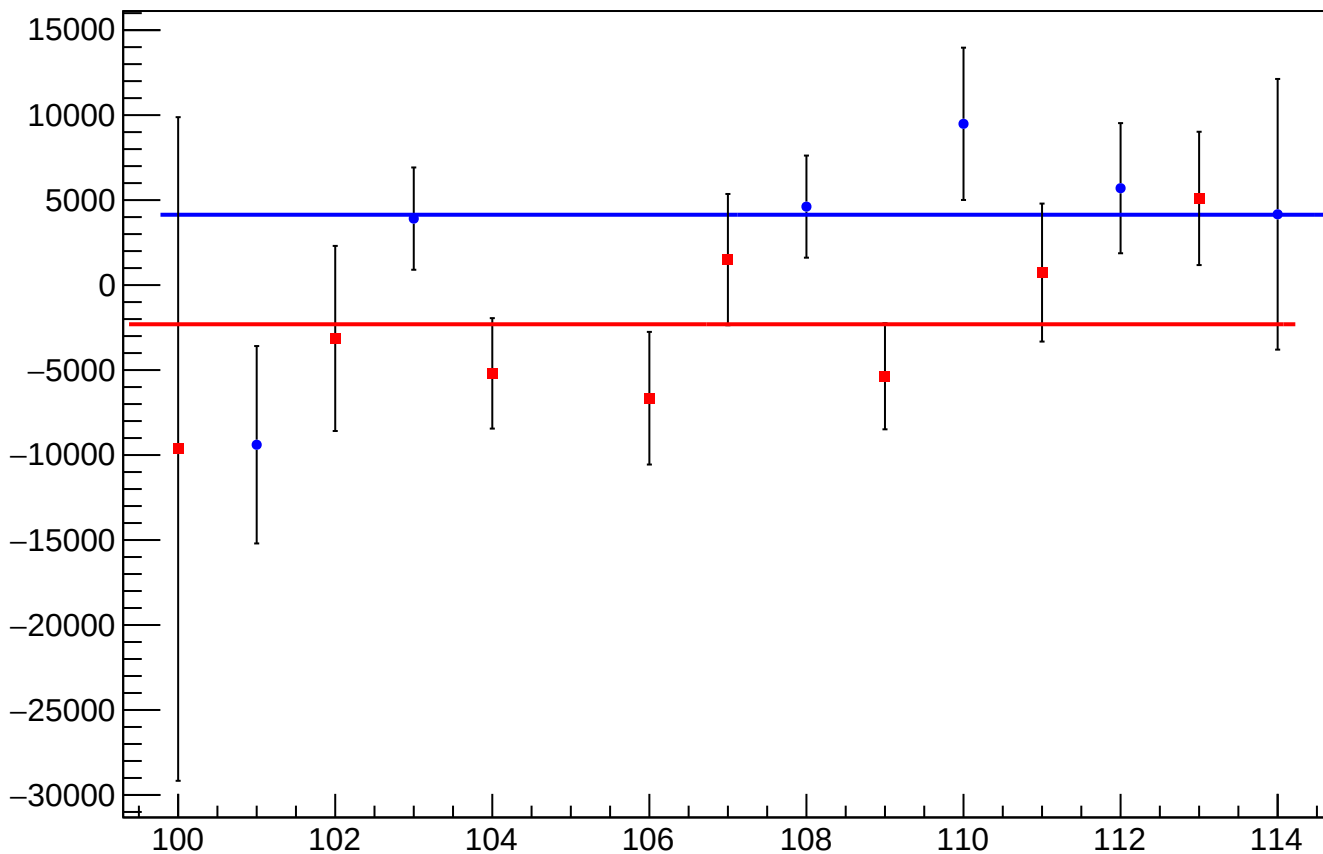
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6648.588+/-2.052 χ^2/NDF : 964502.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 4137.916+/-1612.299 χ^2/NDF : 7.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2305.706+/-1425.355 χ^2/NDF : 8.3/7

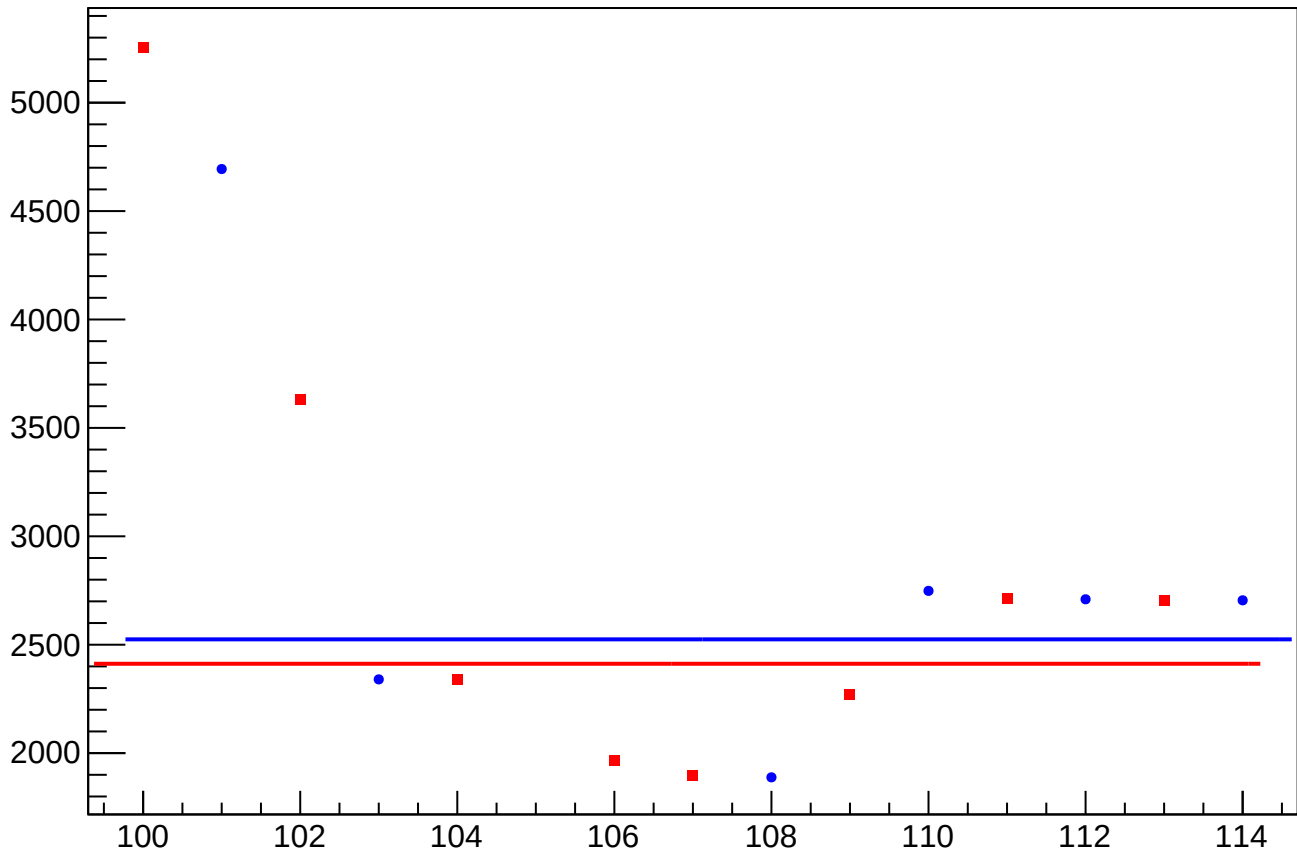
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.048+/-1067.885 χ^2/NDF : 24.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2524.743+/-1.140 χ^2/NDF : 387024.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2412.141+/-1.007 χ^2/NDF : 231951.7/7

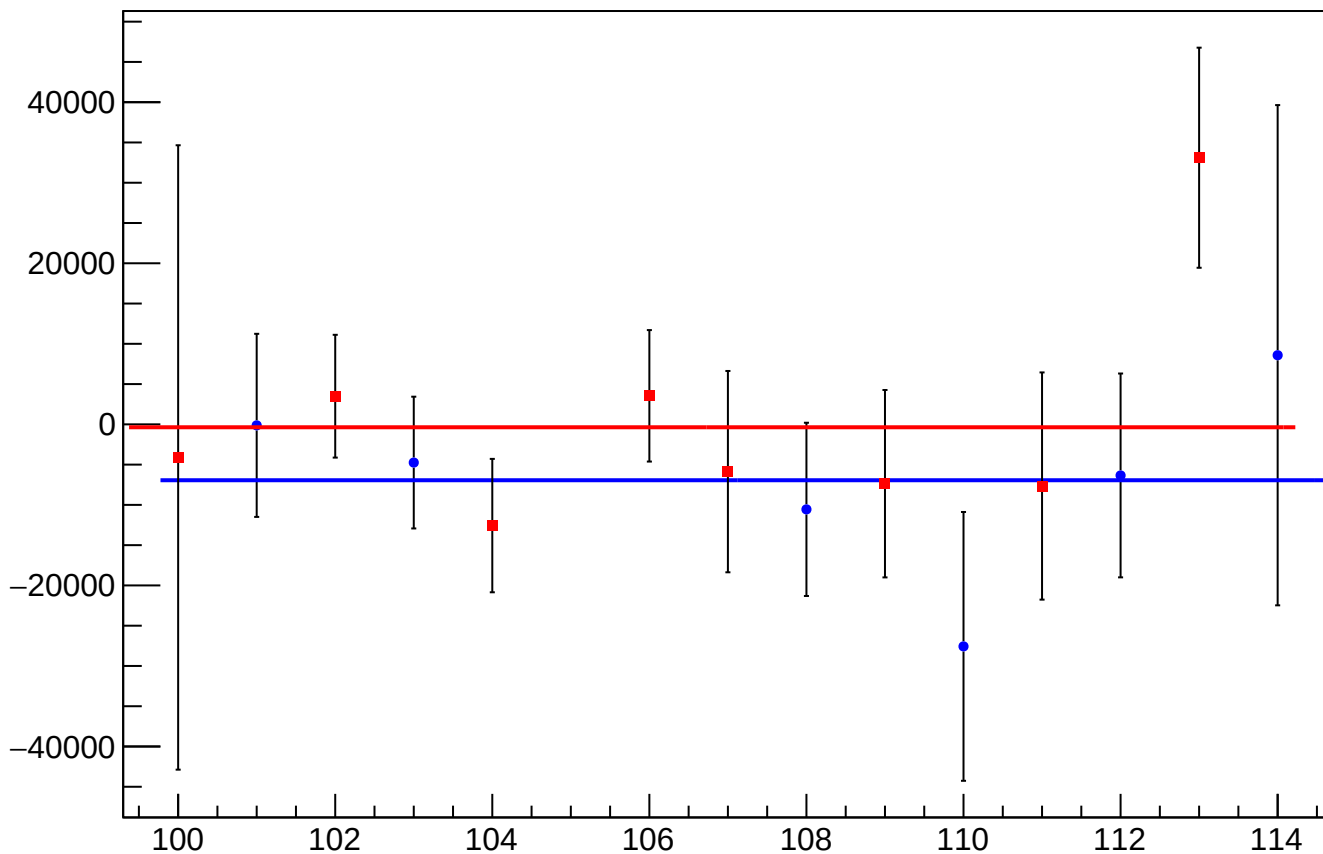
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.468+/-0.755 χ^2/NDF : 624458.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_mean vs Slug



Right In: -6939.819+/-4868.036 χ^2 /NDF: 2.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -362.253+/-3736.277 χ^2 /NDF: 9.5/7

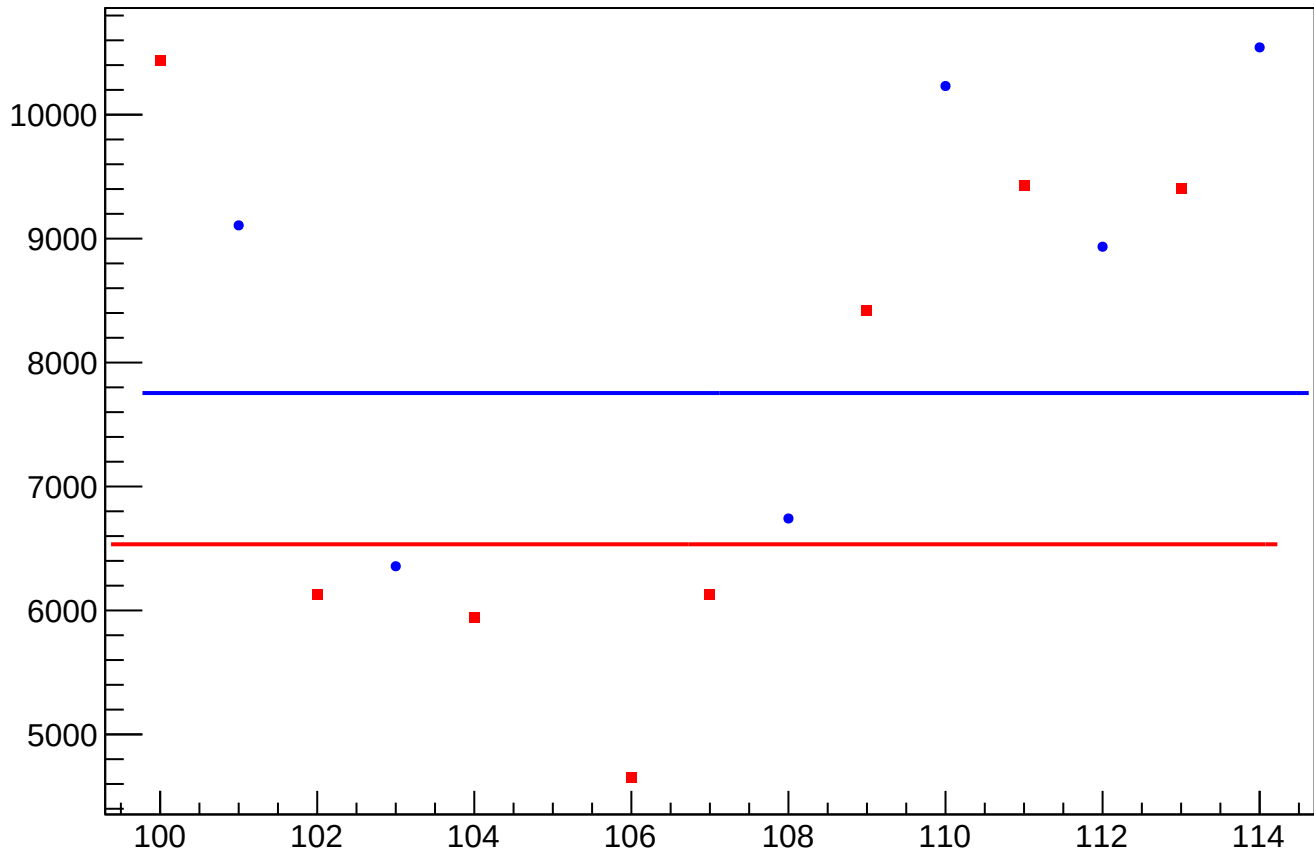
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2800.577+/-2963.923 χ^2 /NDF: 13.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 7754.058+/-3.442 χ^2/NDF : 181992.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6533.825+/-2.642 χ^2/NDF : 369366.9/7

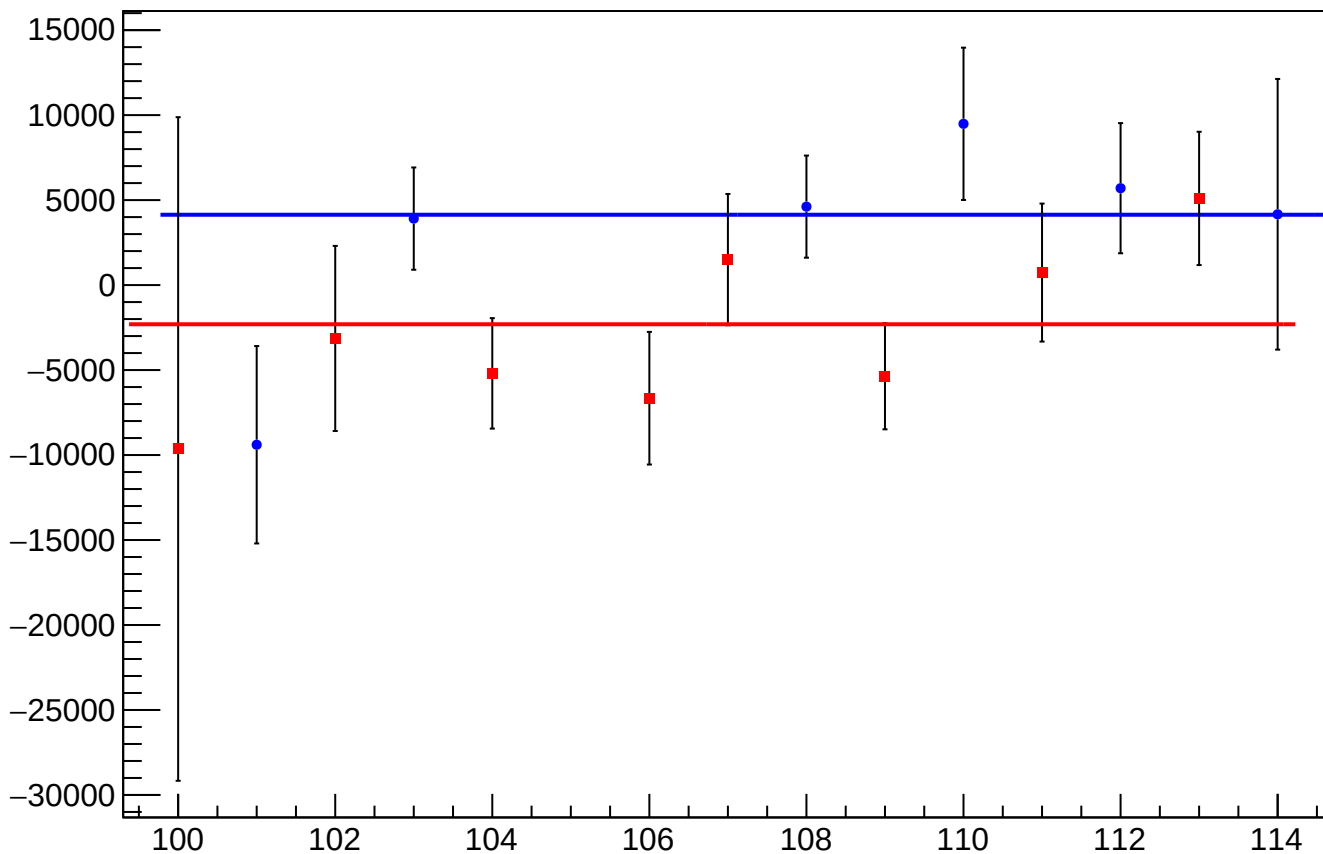
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6986.169+/-2.096 χ^2/NDF : 630438.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr2_mean vs Slug



Right In: 4137.917 $\pm$ 1612.299 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2305.710 $\pm$ 1425.355 χ^2 /NDF: 8.3/7

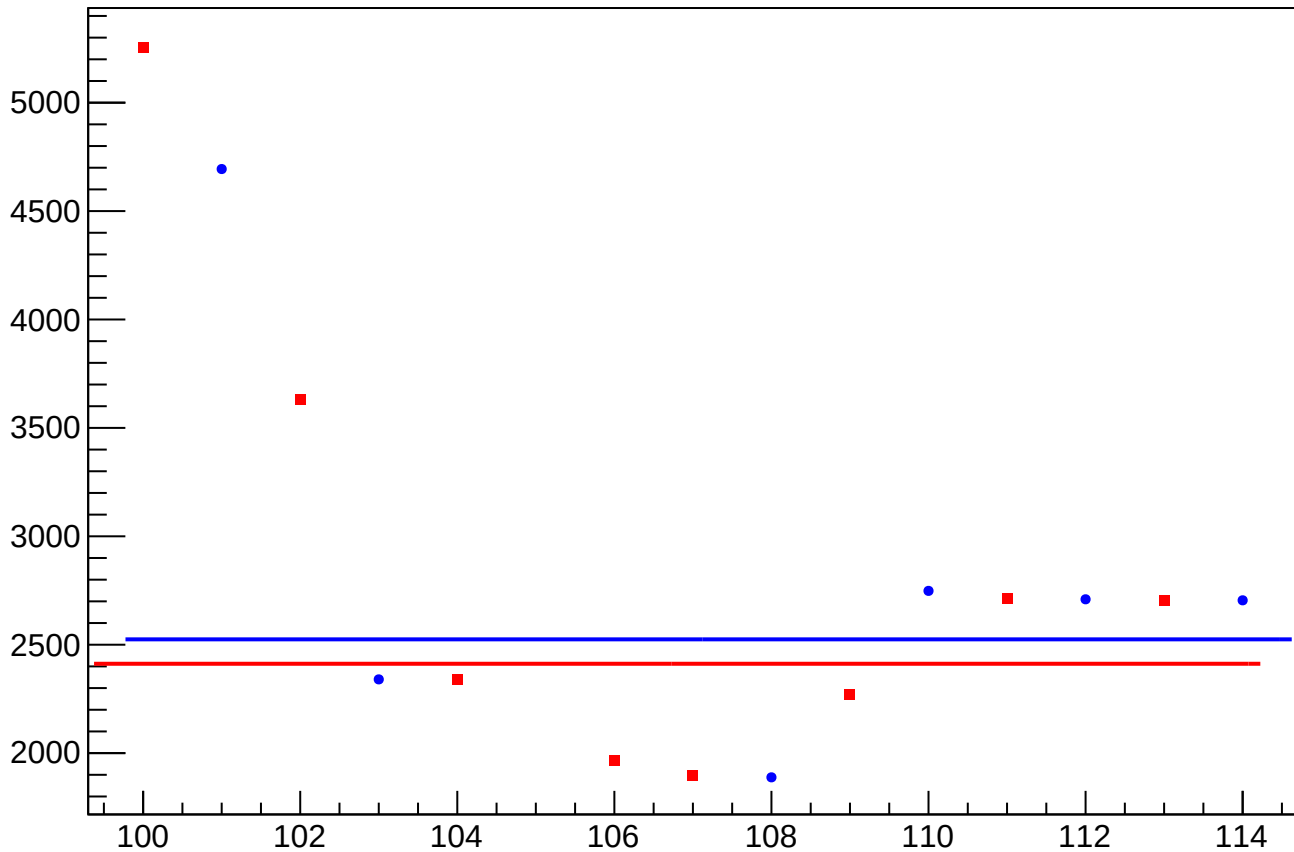
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 521.047 $\pm$ 1067.885 χ^2 /NDF: 24.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr2_rms vs Slug



Right In: 2524.742+/-1.140 χ^2/NDF : 387025.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2412.141+/-1.007 χ^2/NDF : 231951.3/7

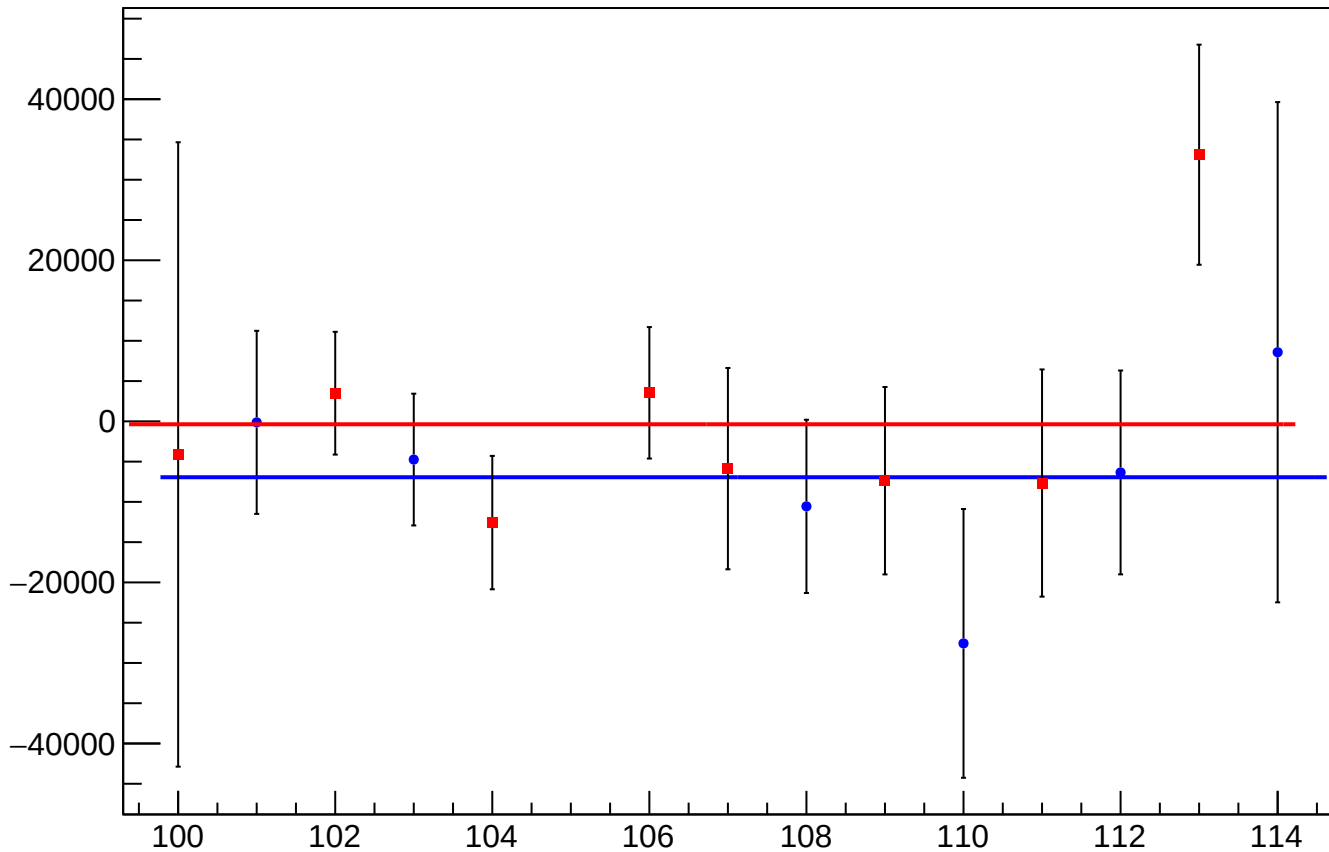
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.467+/-0.755 χ^2/NDF : 624458.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_mean vs Slug



Right In: -6939.824+/-4868.033 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -362.258+/-3736.272 χ^2/NDF : 9.5/7

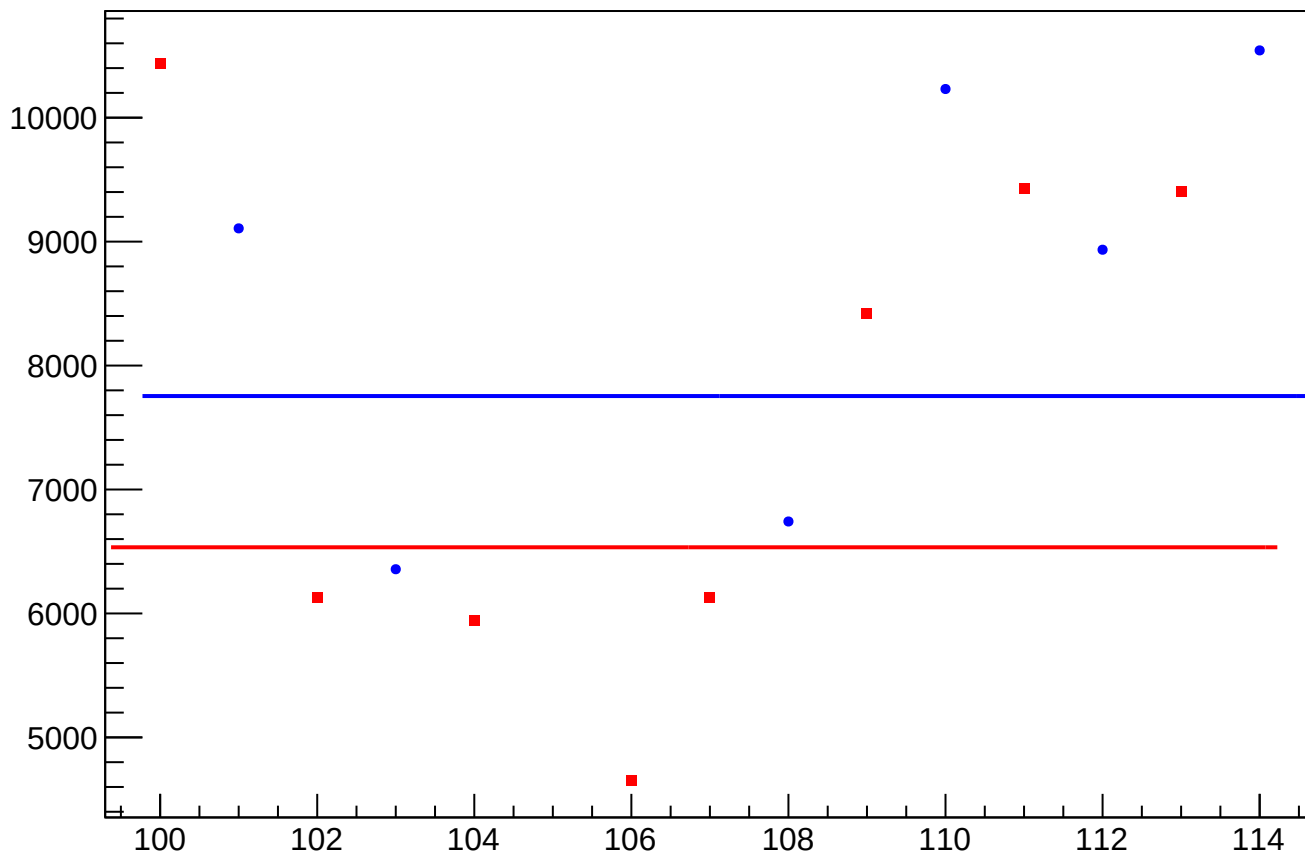
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2800.580+/-2963.920 χ^2/NDF : 13.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 7754.056+/-3.442 χ^2/NDF : 181990.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6533.816+/-2.642 χ^2/NDF : 369367.1/7

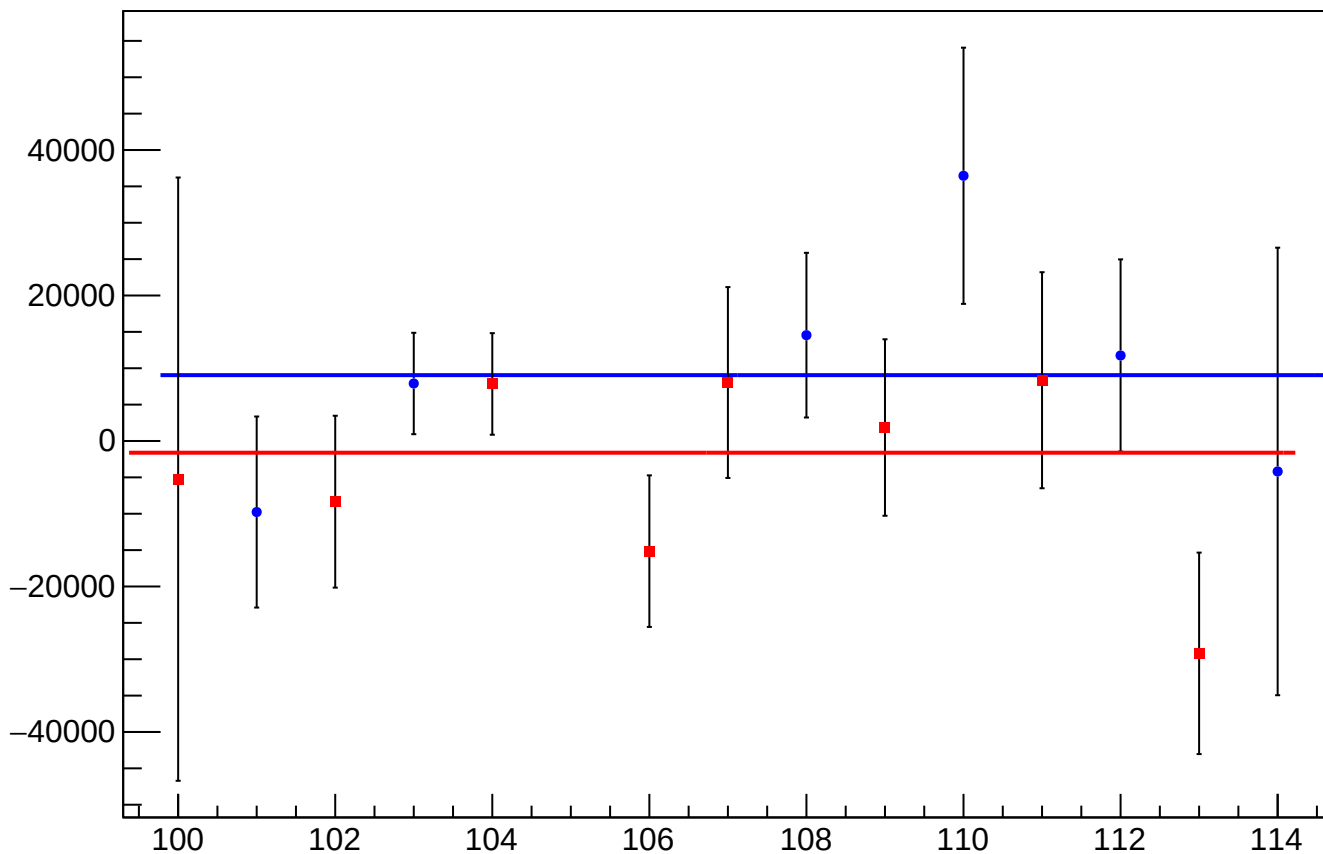
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6986.162+/-2.096 χ^2/NDF : 630438.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 9052.110+/-4756.283 χ^2/NDF : 5.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1611.615+/-4087.764 χ^2/NDF : 8.9/7

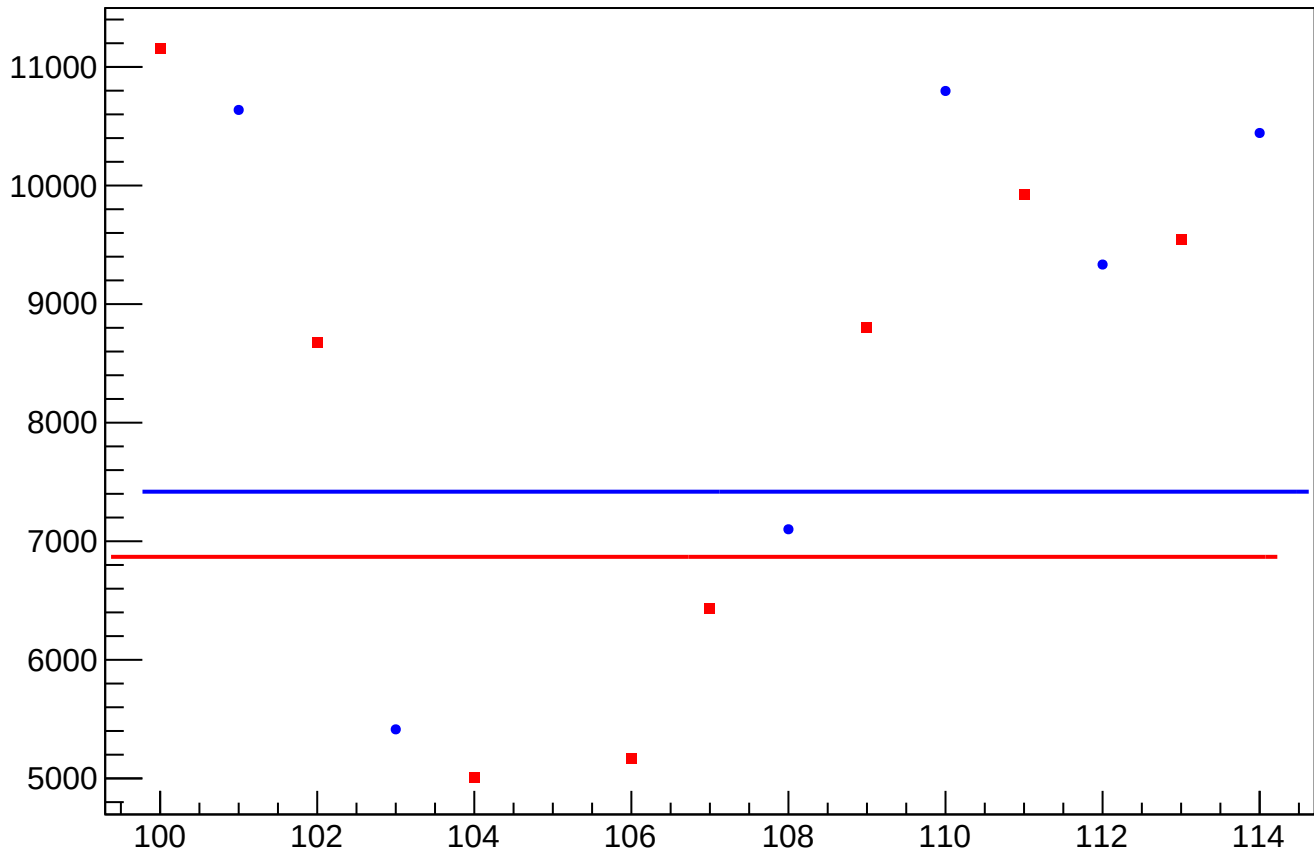
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2918.760+/-3100.133 χ^2/NDF : 16.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_rms vs Slug



Right In: 7418.031 $\pm$ 3.363 χ^2 /NDF: 422252.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6868.605 $\pm$ 2.890 χ^2 /NDF: 475394.5/7

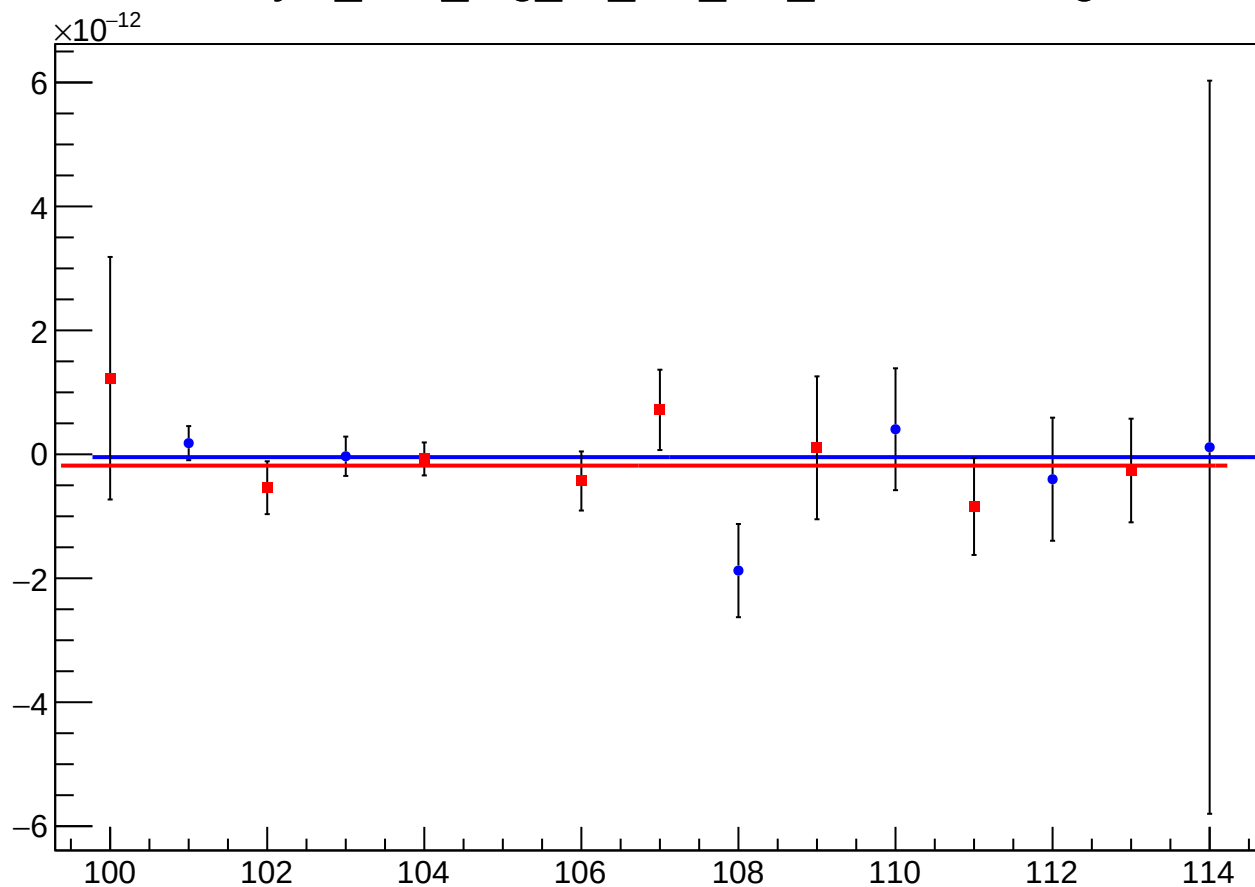
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7102.015 $\pm$ 2.192 χ^2 /NDF: 912997.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 6.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.4/7

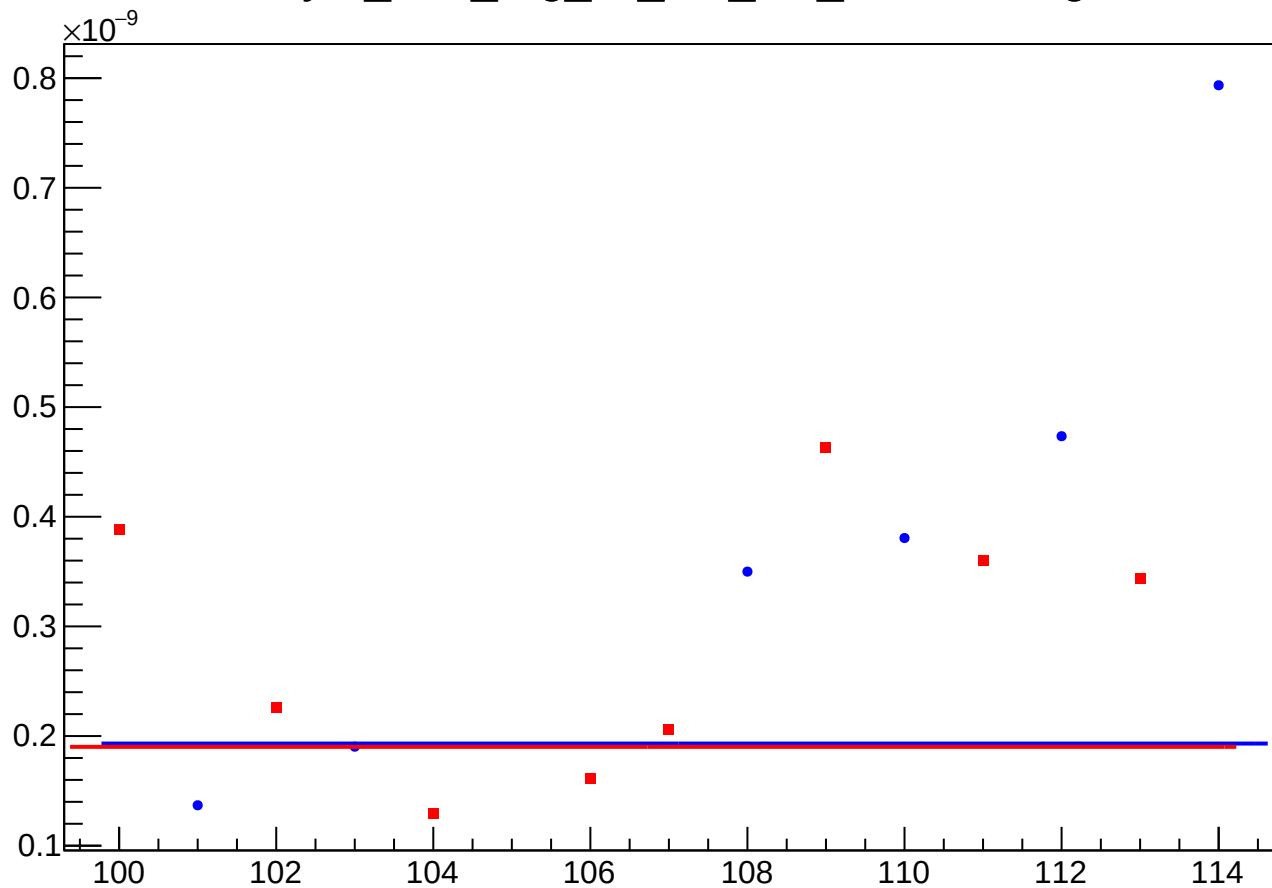
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 11.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 423462.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422767.7/7

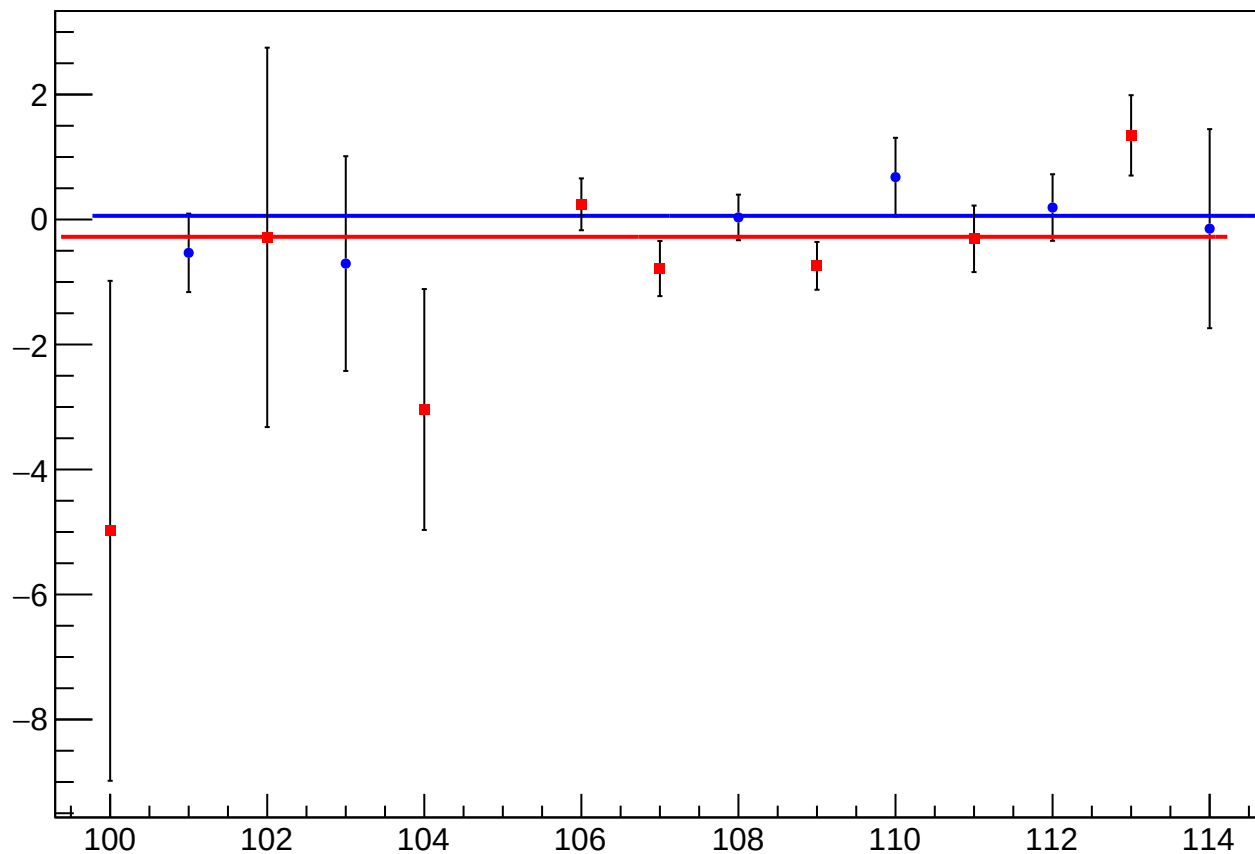
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 846490.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: 0.059+/-0.244 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.277+/-0.203 χ^2/NDF : 14.2/7

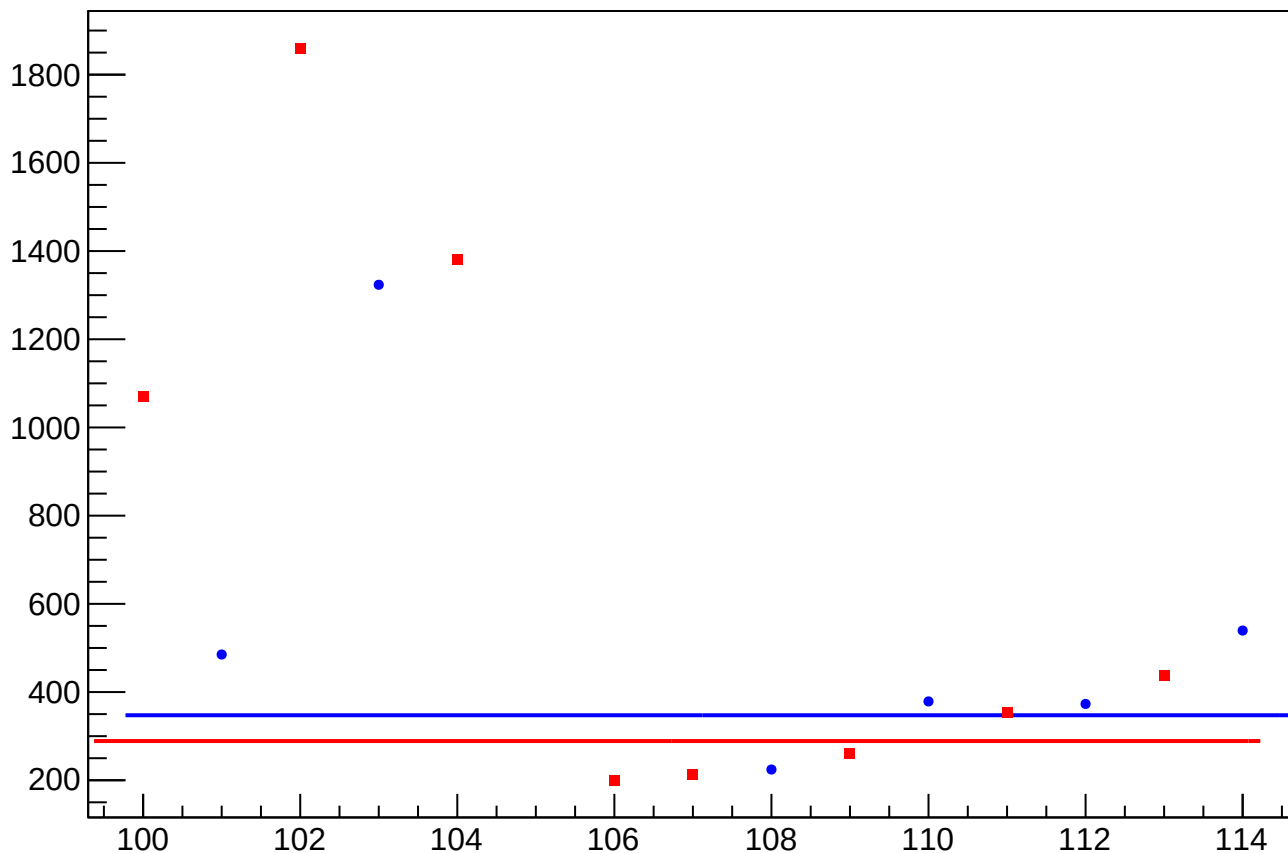
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.139+/-0.156 χ^2/NDF : 17.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 347.426+/-0.172 χ^2/NDF : 1008416.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.939+/-0.144 χ^2/NDF : 1553153.3/7

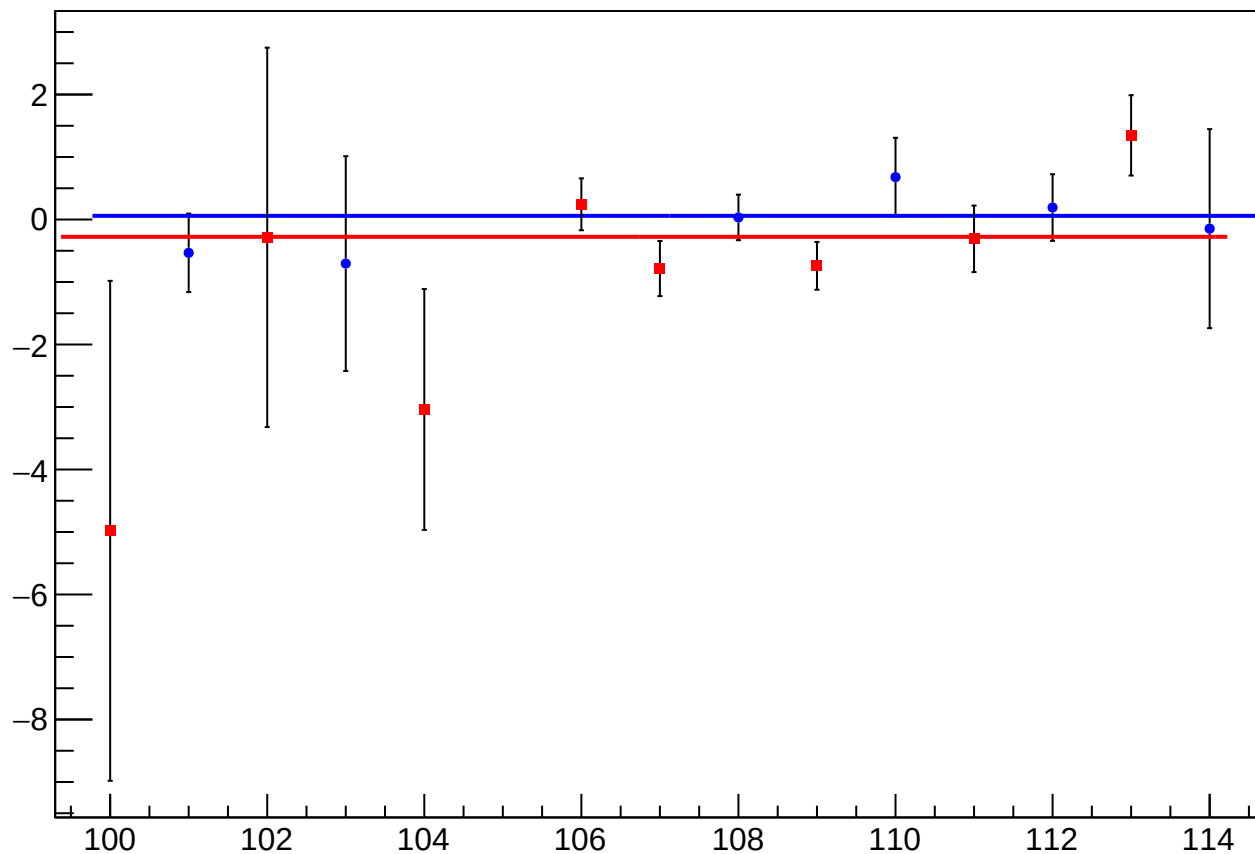
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.950+/-0.110 χ^2/NDF : 2629498.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.244 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.277 $\pm$ 0.203 χ^2 /NDF: 14.2/7

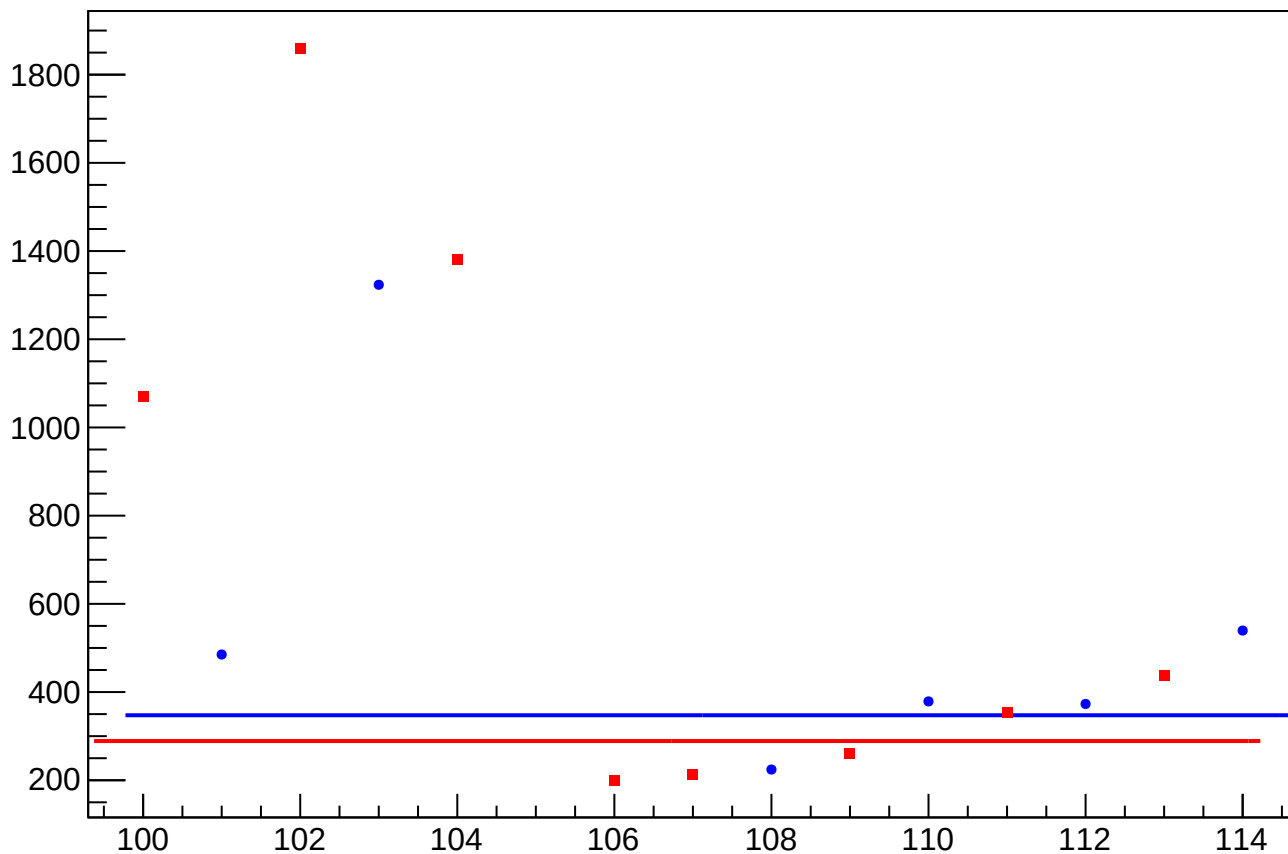
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.139 $\pm$ 0.156 χ^2 /NDF: 17.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 347.426+/-0.172 χ^2/NDF : 1008416.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.939+/-0.144 χ^2/NDF : 1553153.3/7

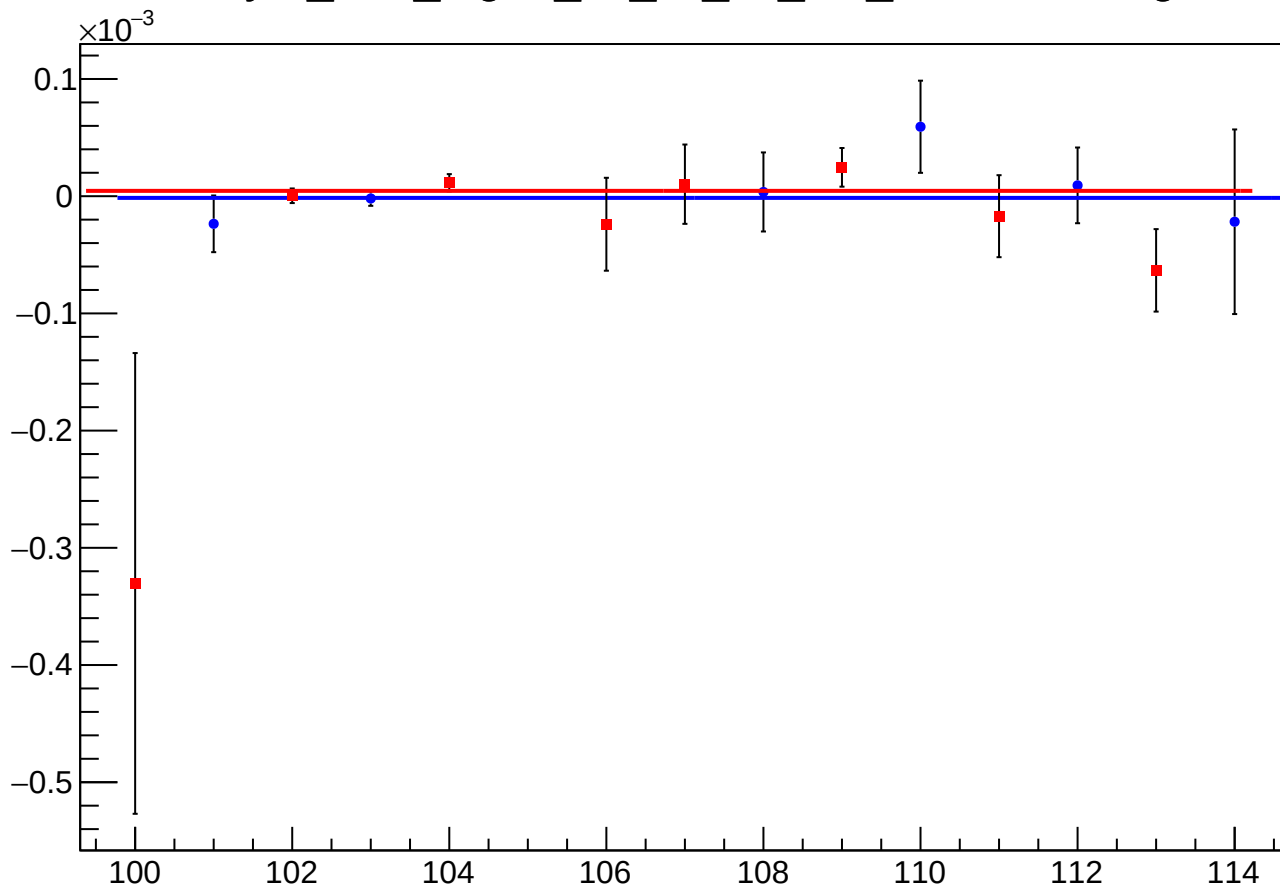
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.950+/-0.110 χ^2/NDF : 2629498.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 3.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 10.4/7

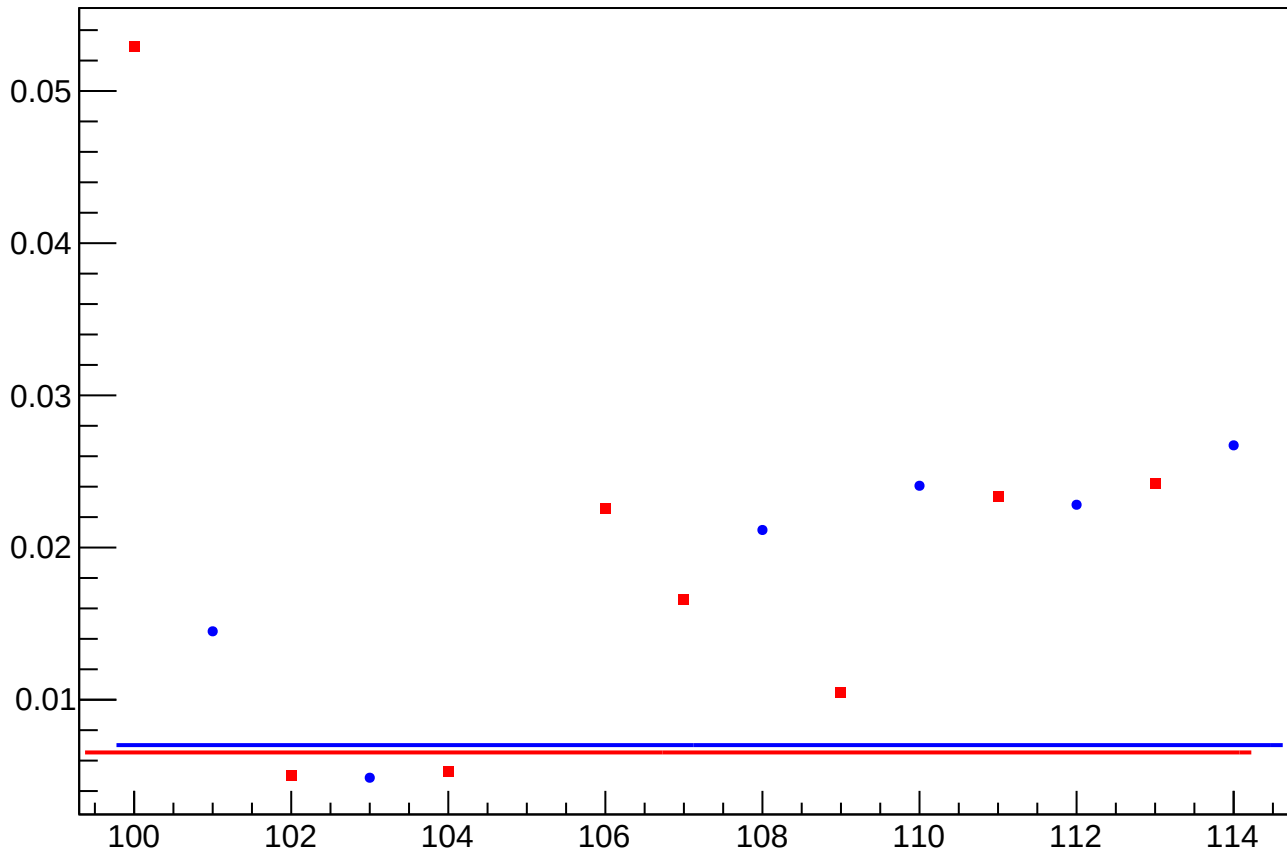
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 14.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1755704.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1877197.1/7

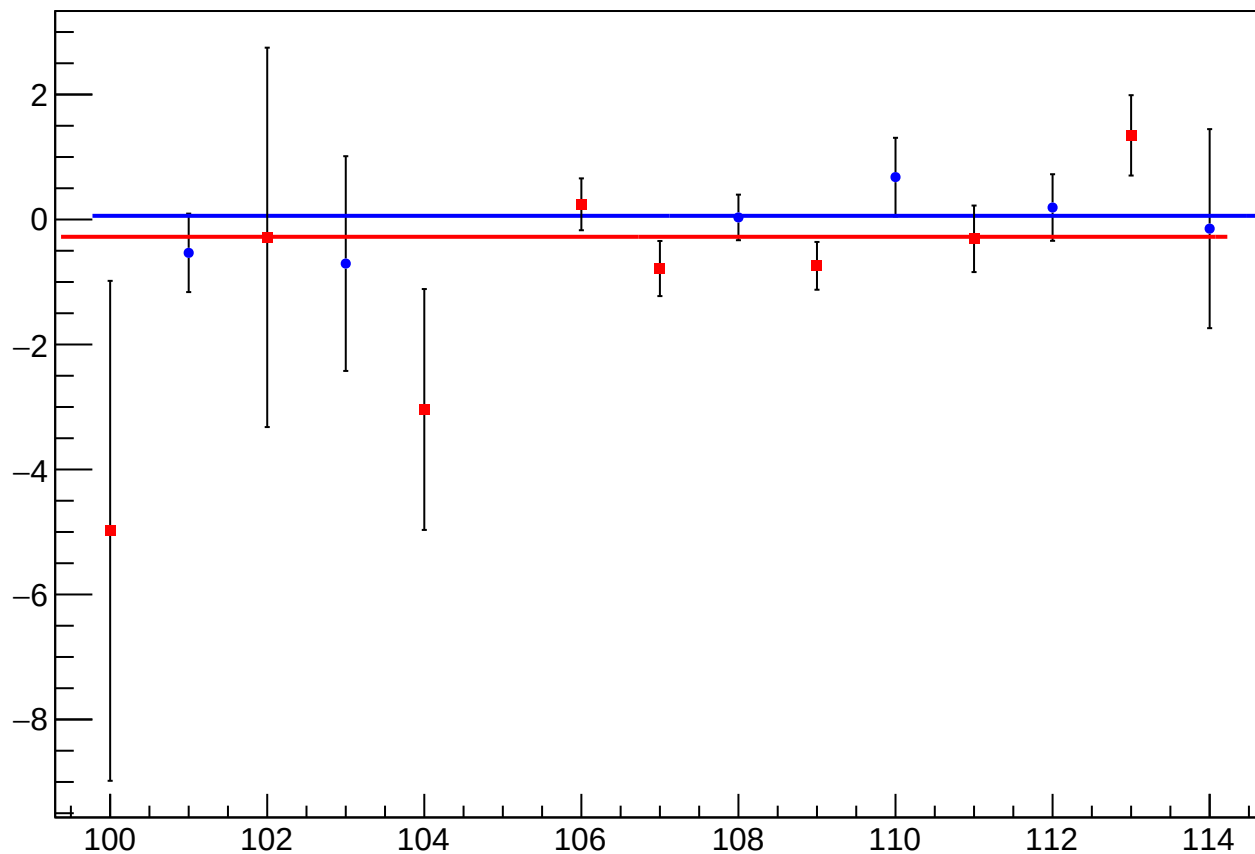
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3641657.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.244 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.277 $\pm$ 0.203 χ^2 /NDF: 14.2/7

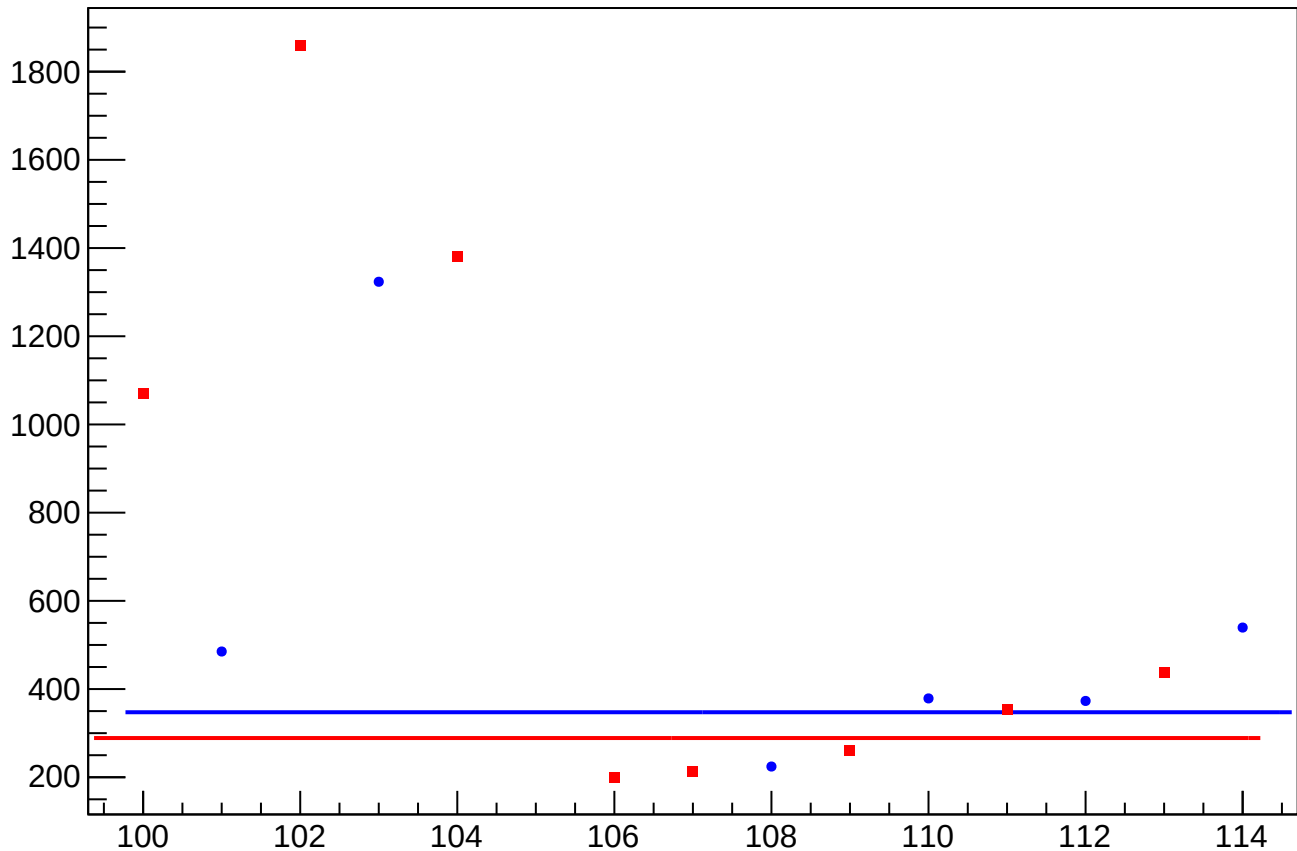
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.139 $\pm$ 0.156 χ^2 /NDF: 17.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 347.423+/-0.172 χ^2/NDF : 1008442.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.940+/-0.144 χ^2/NDF : 1553154.1/7

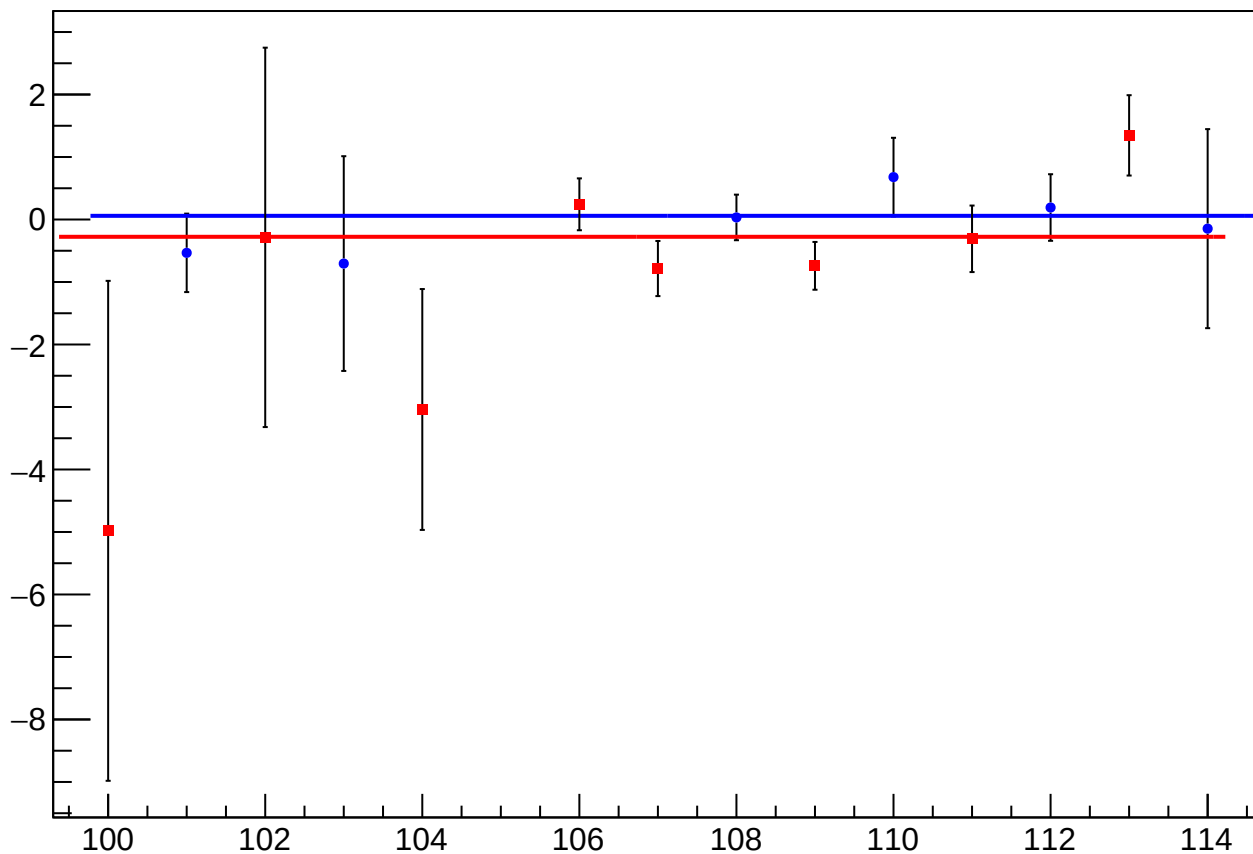
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.949+/-0.110 χ^2/NDF : 2629517.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.244 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.277 $\pm$ 0.203 χ^2 /NDF: 14.2/7

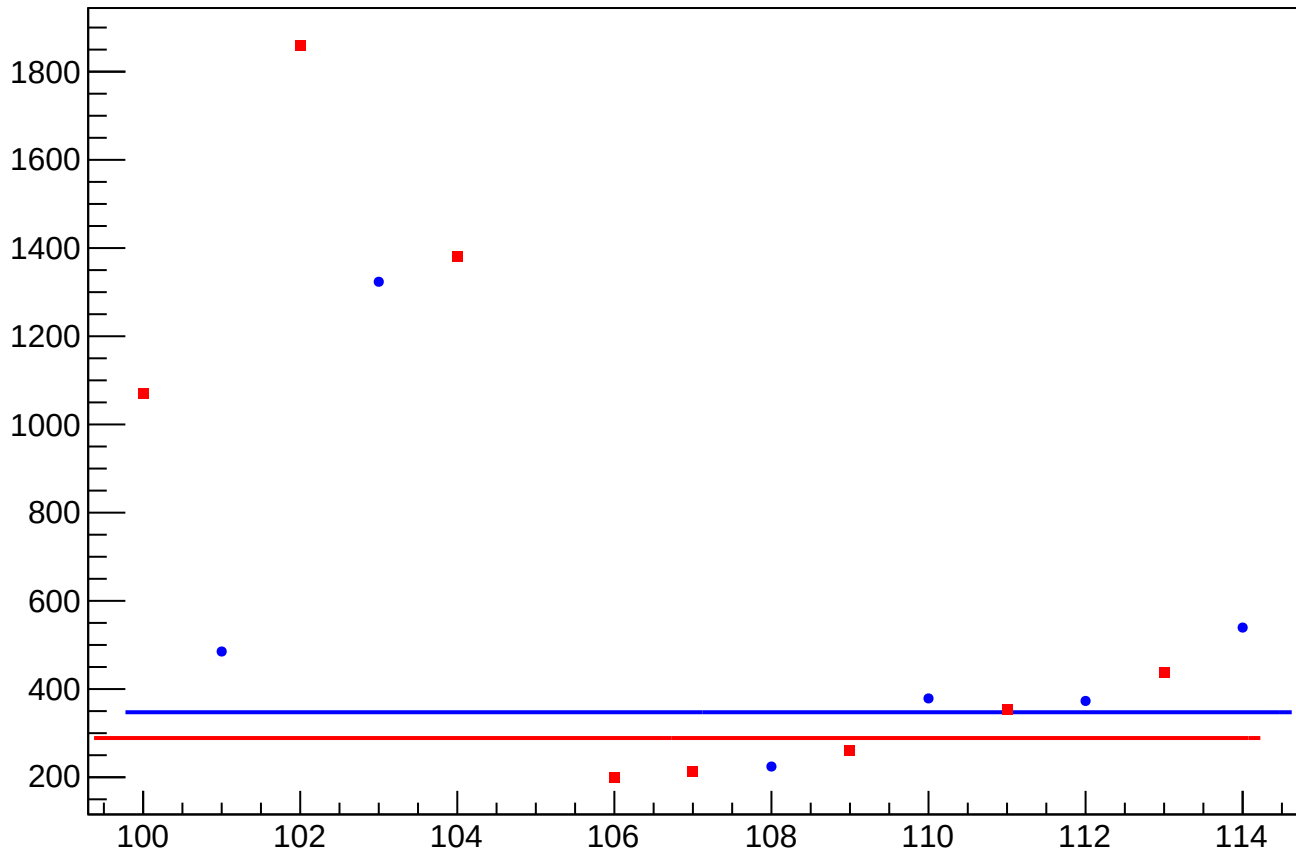
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.139 $\pm$ 0.156 χ^2 /NDF: 17.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 347.423+/-0.172 χ^2/NDF : 1008442.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.940+/-0.144 χ^2/NDF : 1553154.1/7

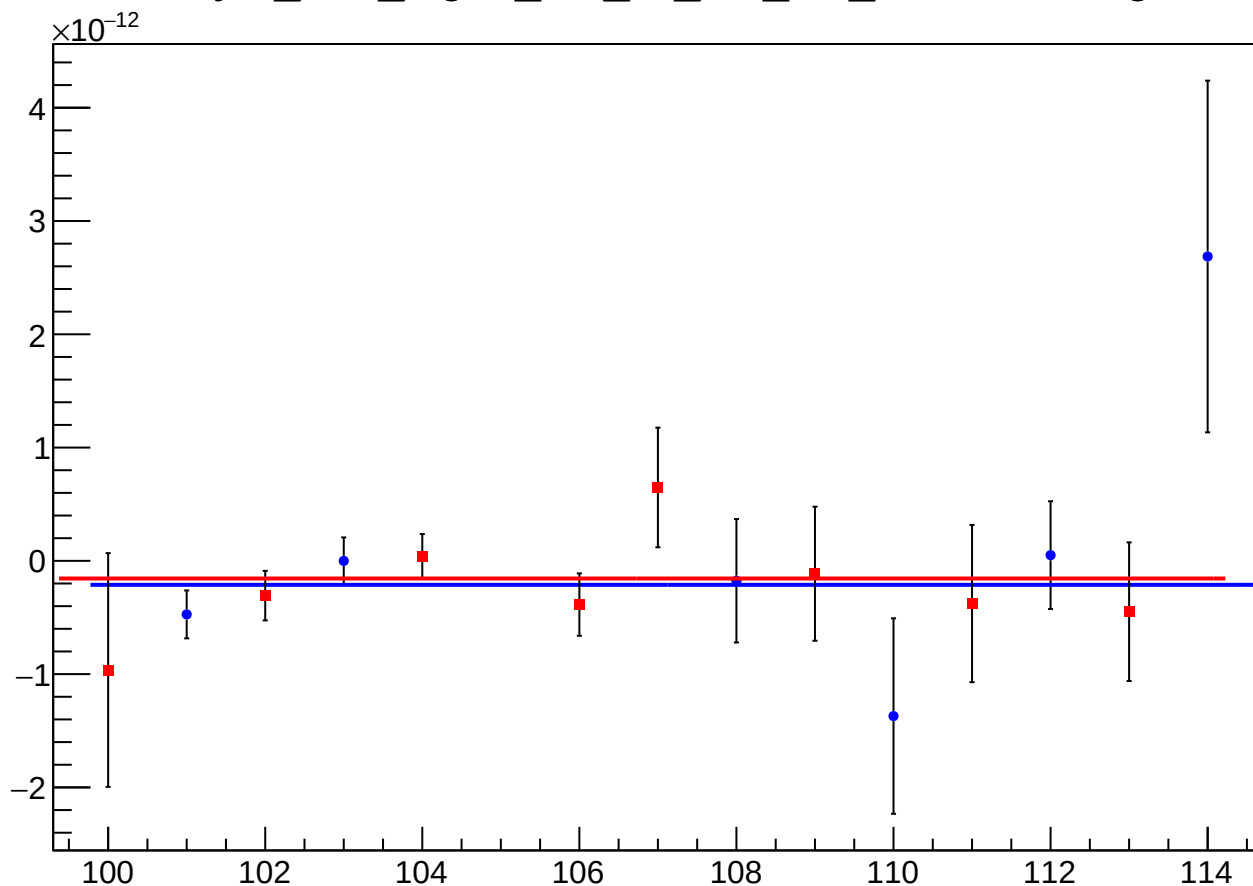
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.949+/-0.110 χ^2/NDF : 2629517.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 8.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 5.5/7

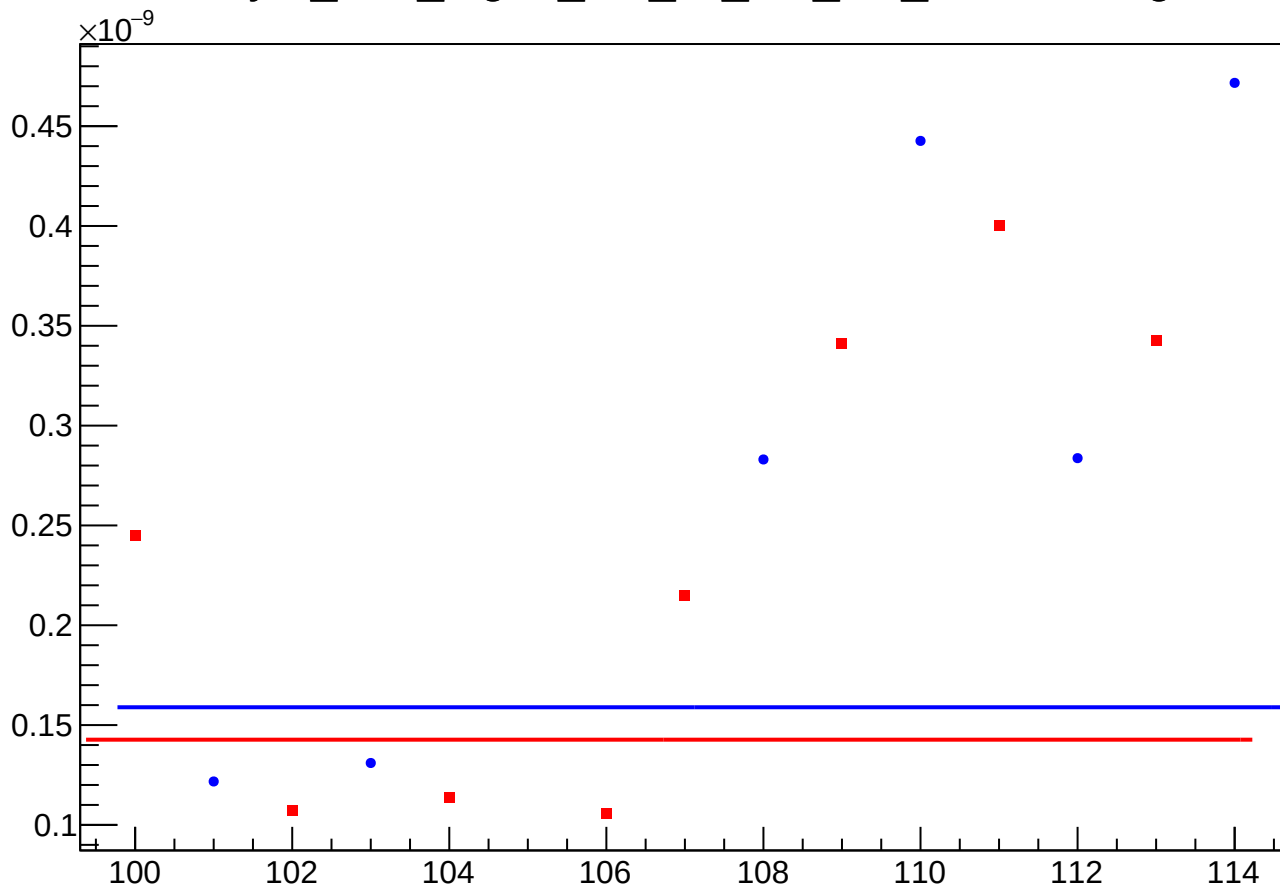
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 13.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 637003.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 903092.0/7

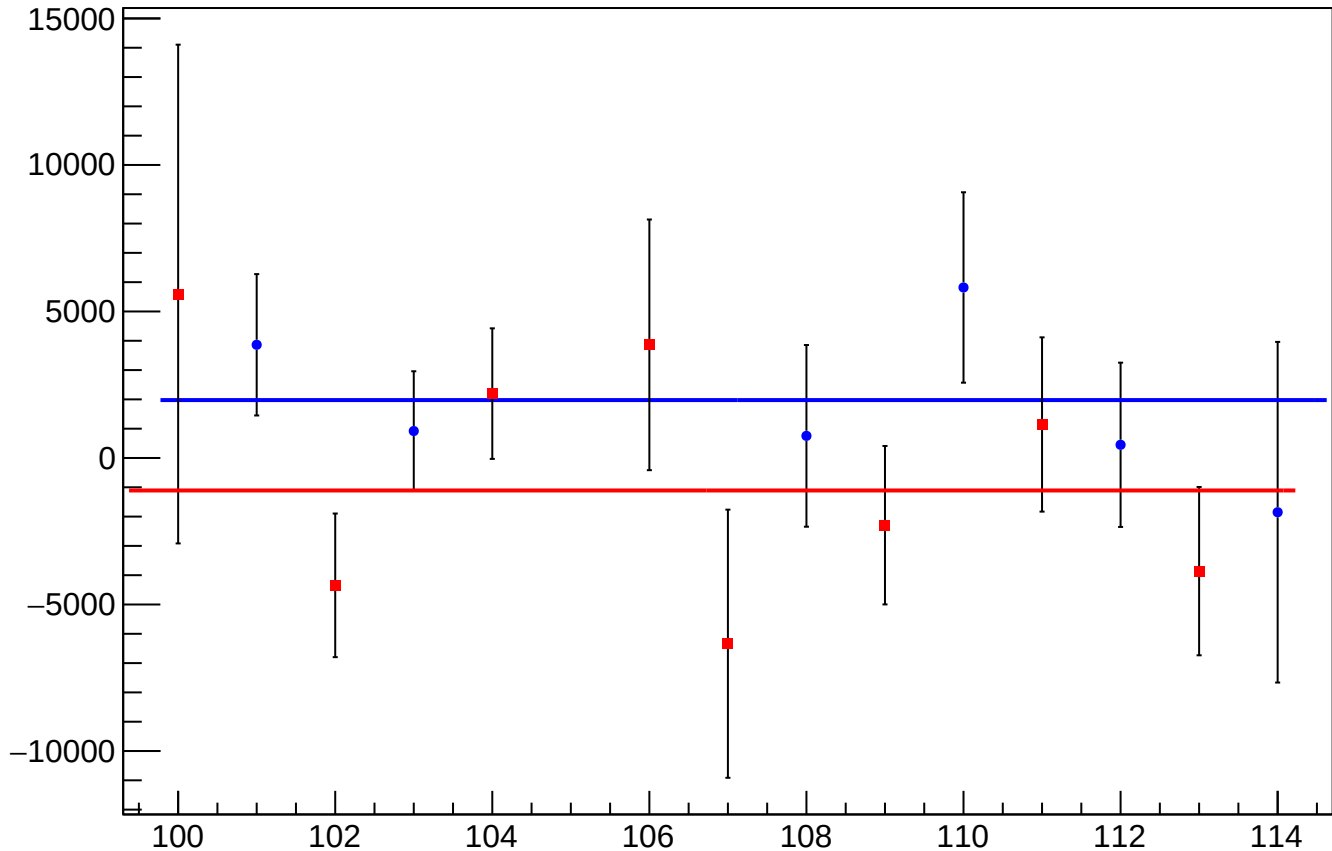
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1556625.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 1975.914+/-1141.180 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1108.631+/-1081.243 χ^2/NDF : 8.9/7

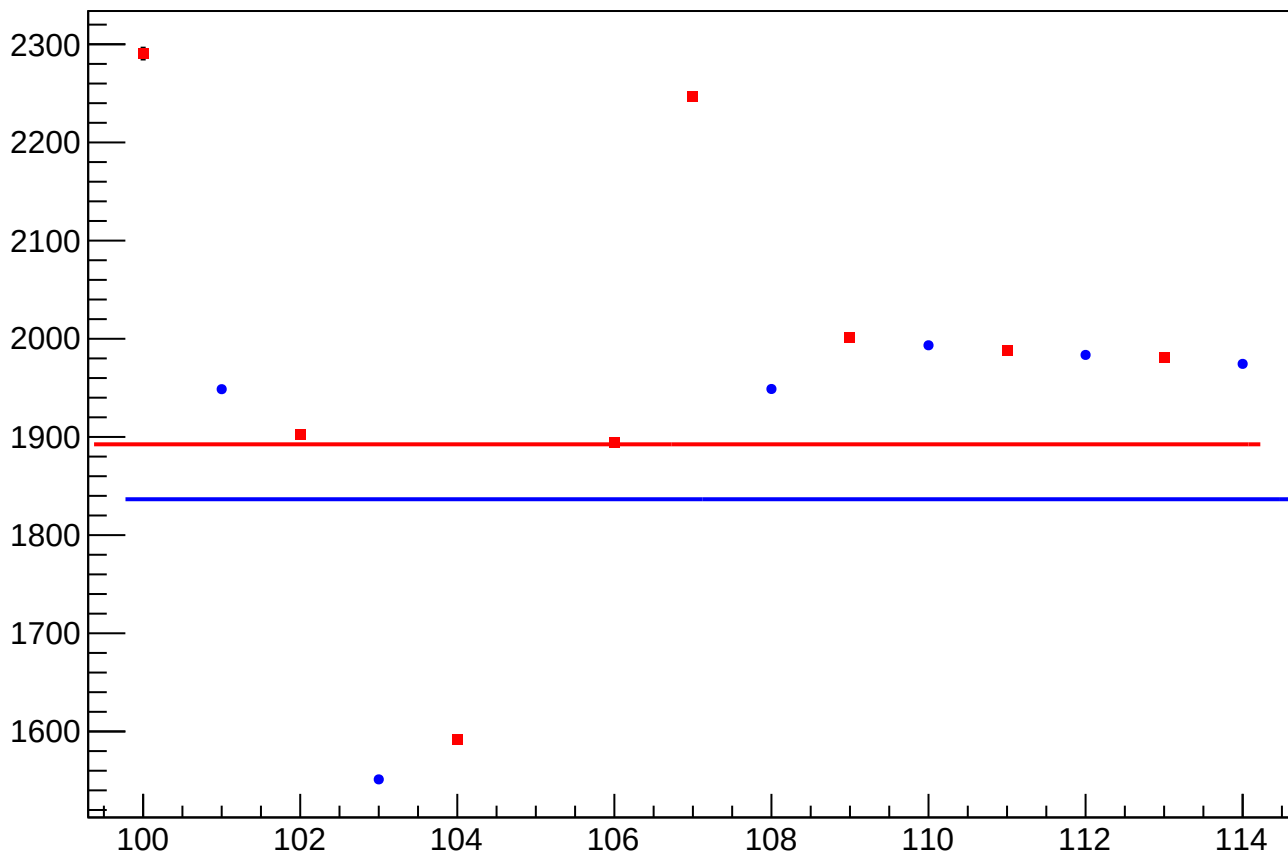
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.515+/-784.888 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1836.547 $\pm$ 0.807 χ^2 /NDF: 57385.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1892.494 $\pm$ 0.754 χ^2 /NDF: 60099.5/7

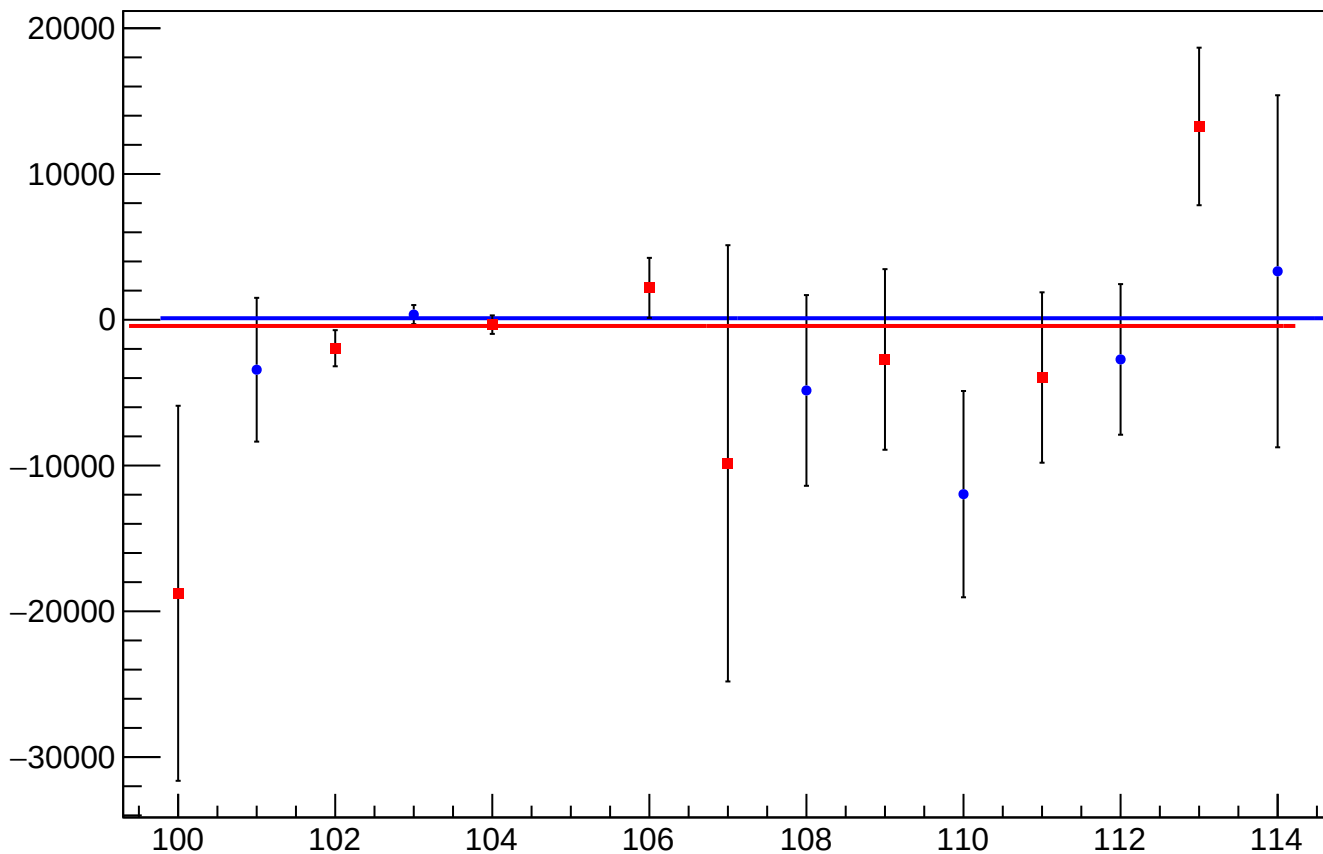
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1866.399 $\pm$ 0.551 χ^2 /NDF: 120050.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 105.465+/-636.689 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -425.541+/-536.478 χ^2/NDF : 12.5/7

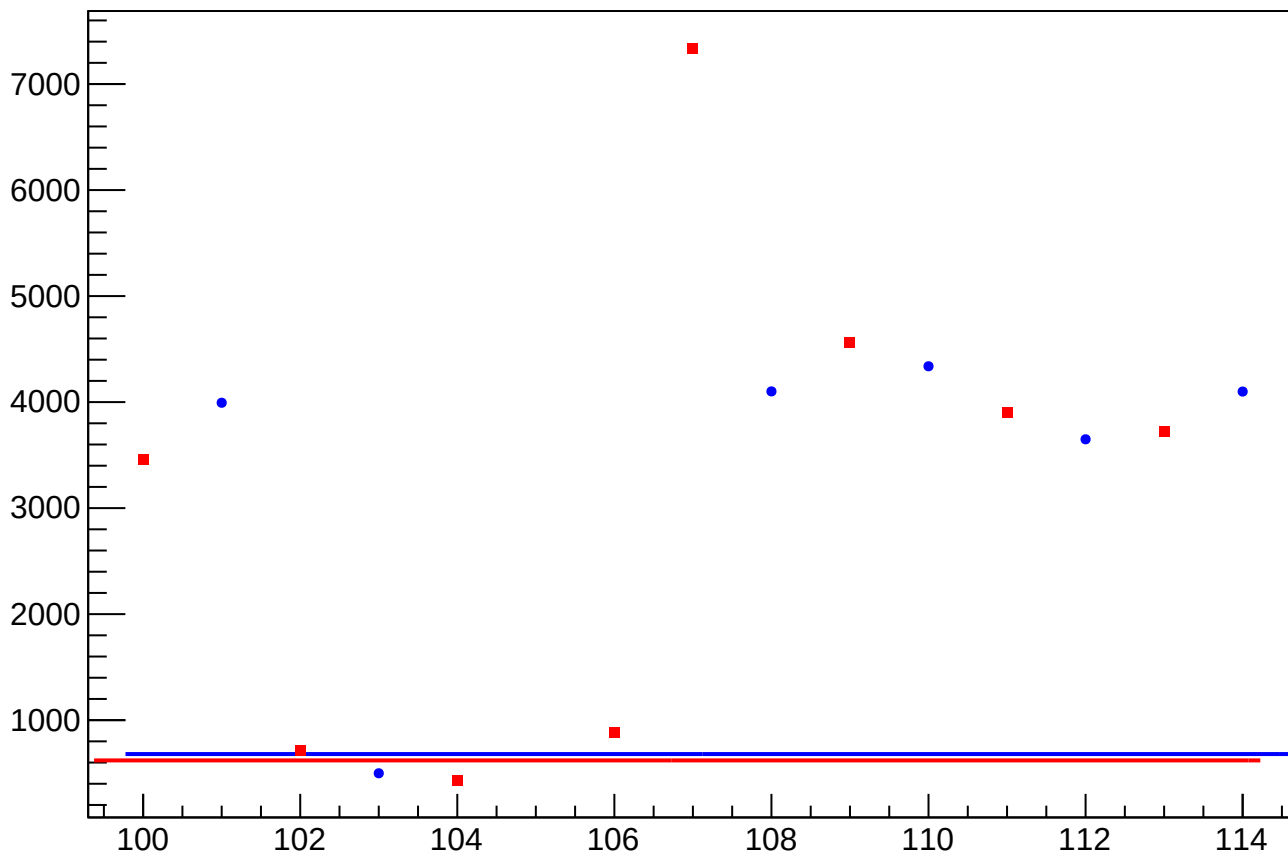
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.067+/-410.257 χ^2/NDF : 17.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 680.212+/-0.450 χ^2/NDF : 2958493.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.126+/-0.379 χ^2/NDF : 2829883.2/7

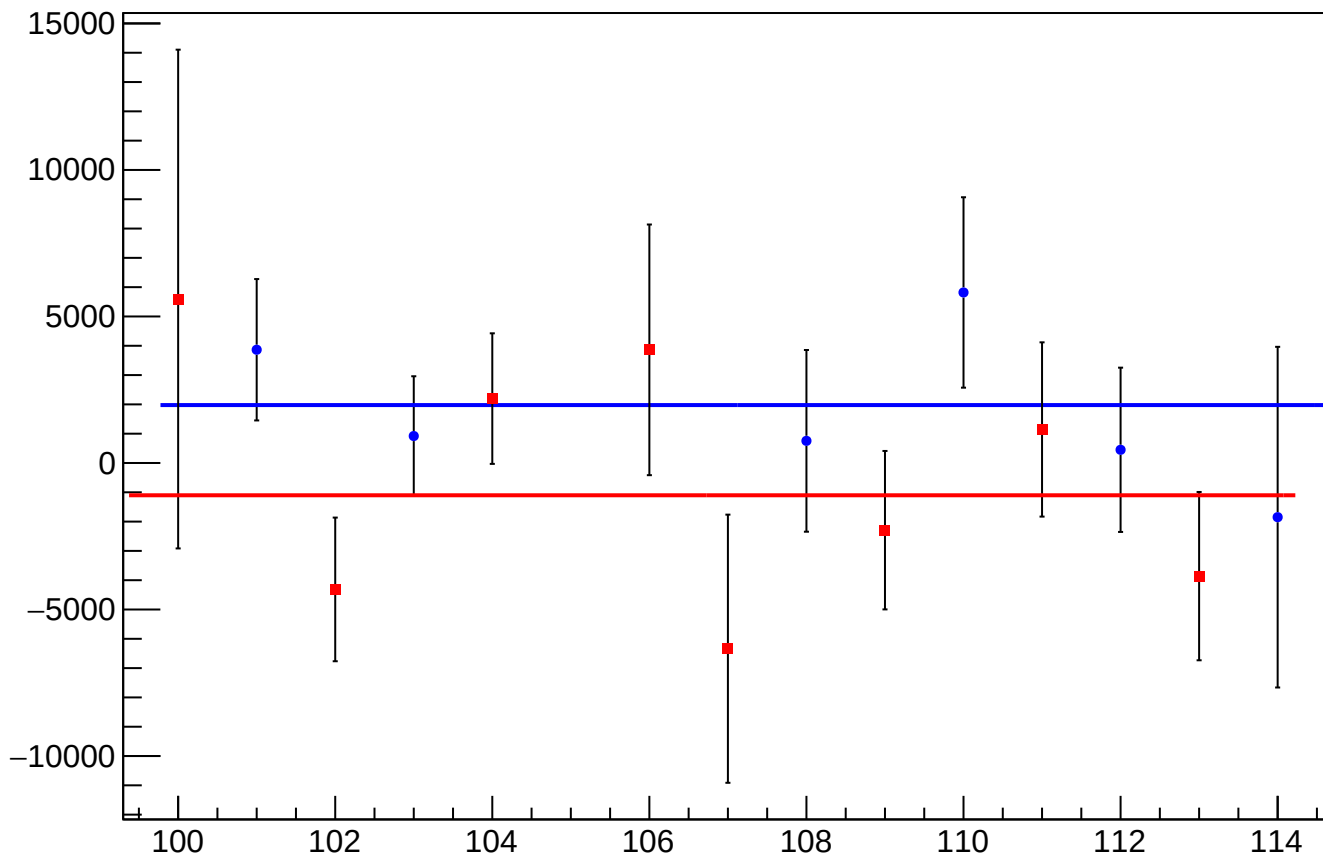
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.074+/-0.290 χ^2/NDF : 5798793.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 1976.438+/-1141.180 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1101.847+/-1081.268 χ^2/NDF : 8.9/7

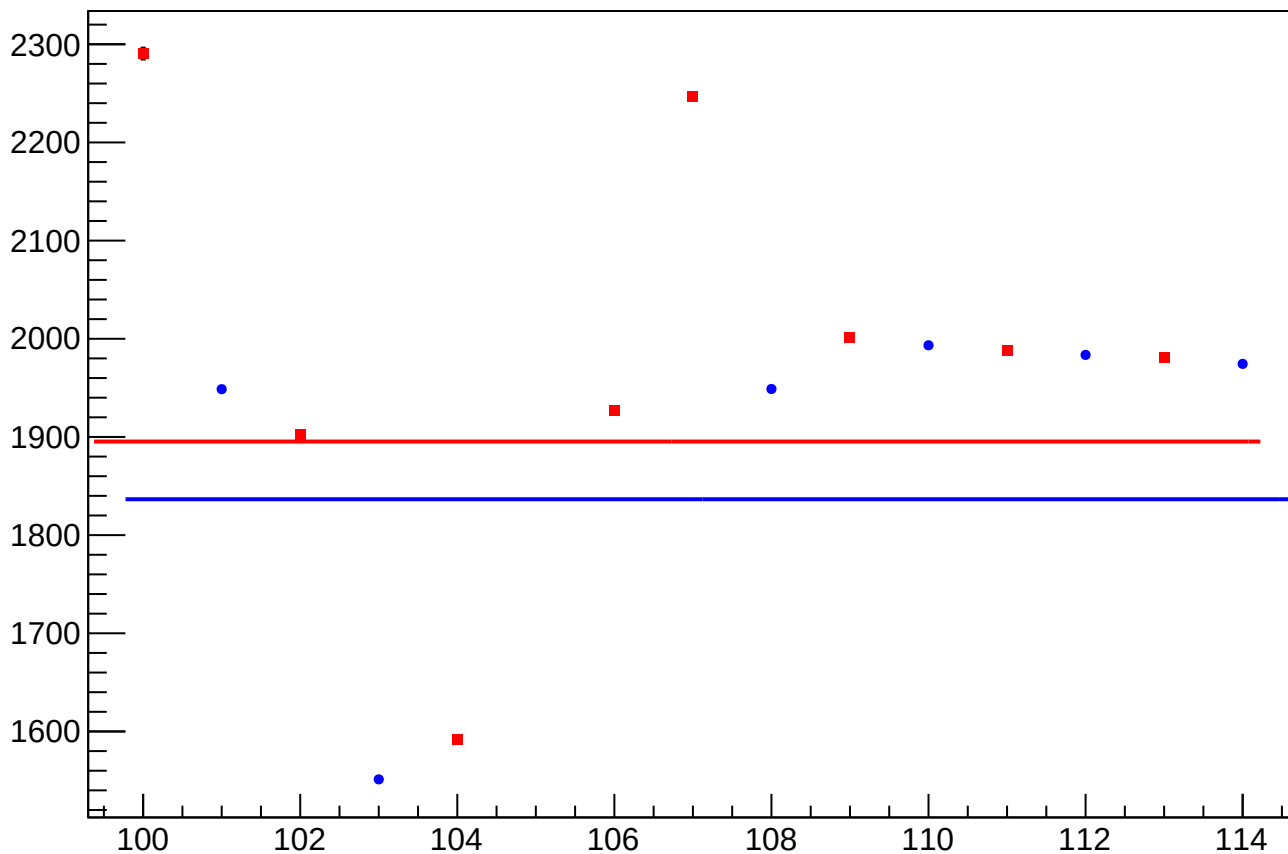
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.372+/-784.898 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1836.546 $\pm$ 0.807 χ^2 /NDF: 57386.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1895.302 $\pm$ 0.755 χ^2 /NDF: 60264.3/7

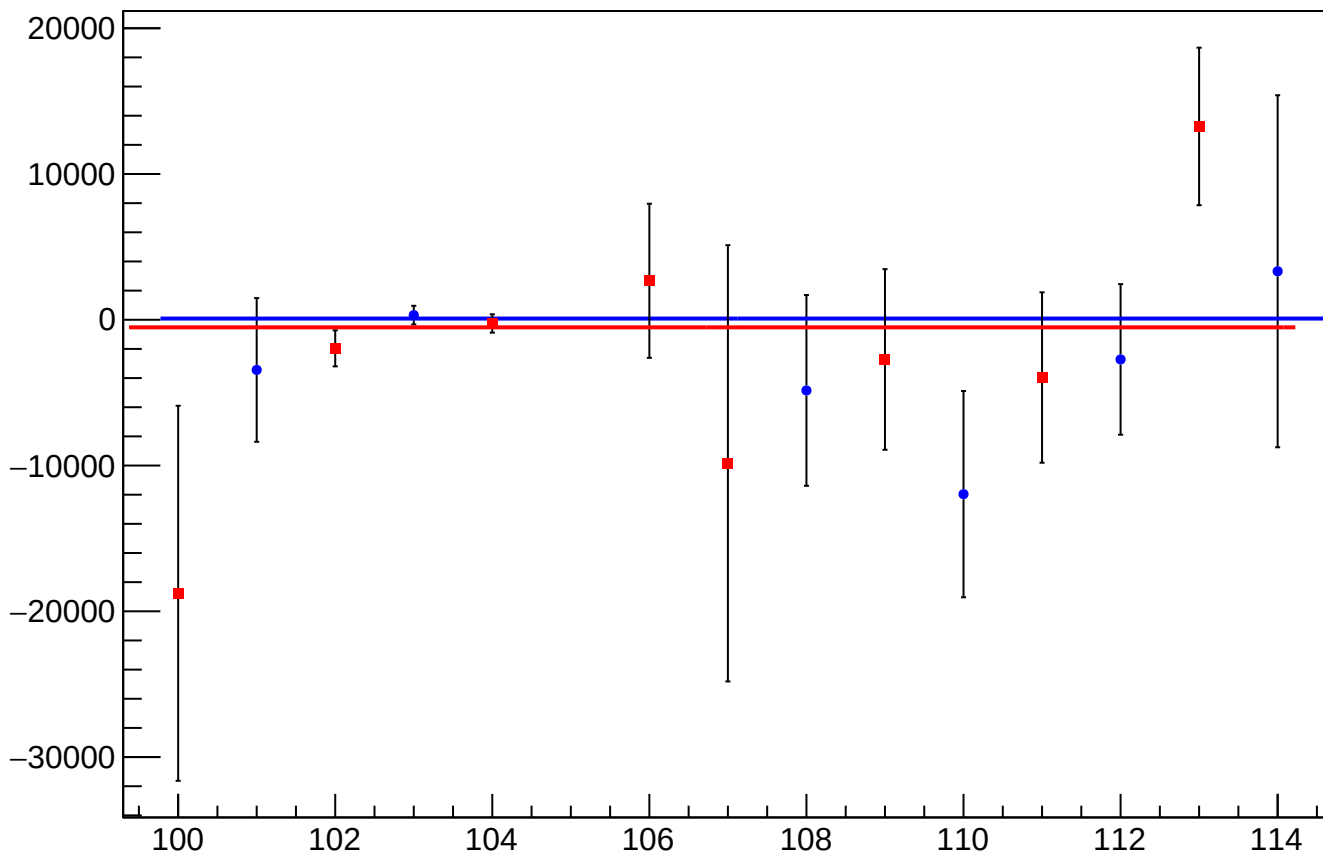
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1867.857 $\pm$ 0.552 χ^2 /NDF: 120475.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_cor_correction_mean vs Slug



Right In: 83.398+/-621.493 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.722+/-549.682 χ^2/NDF : 11.3/7

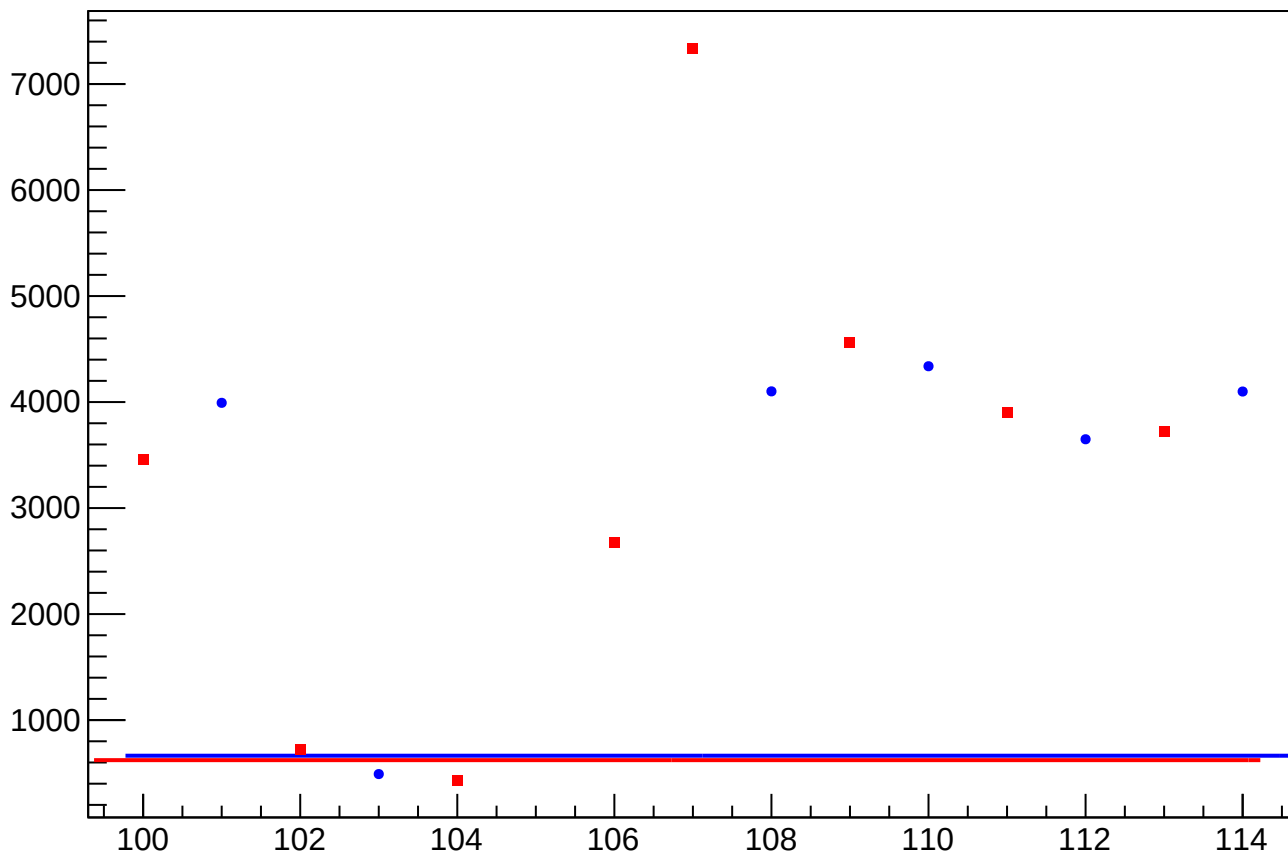
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.443+/-411.743 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 663.931+/-0.439 χ^2/NDF : 2979906.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 622.045+/-0.389 χ^2/NDF : 3103872.2/7

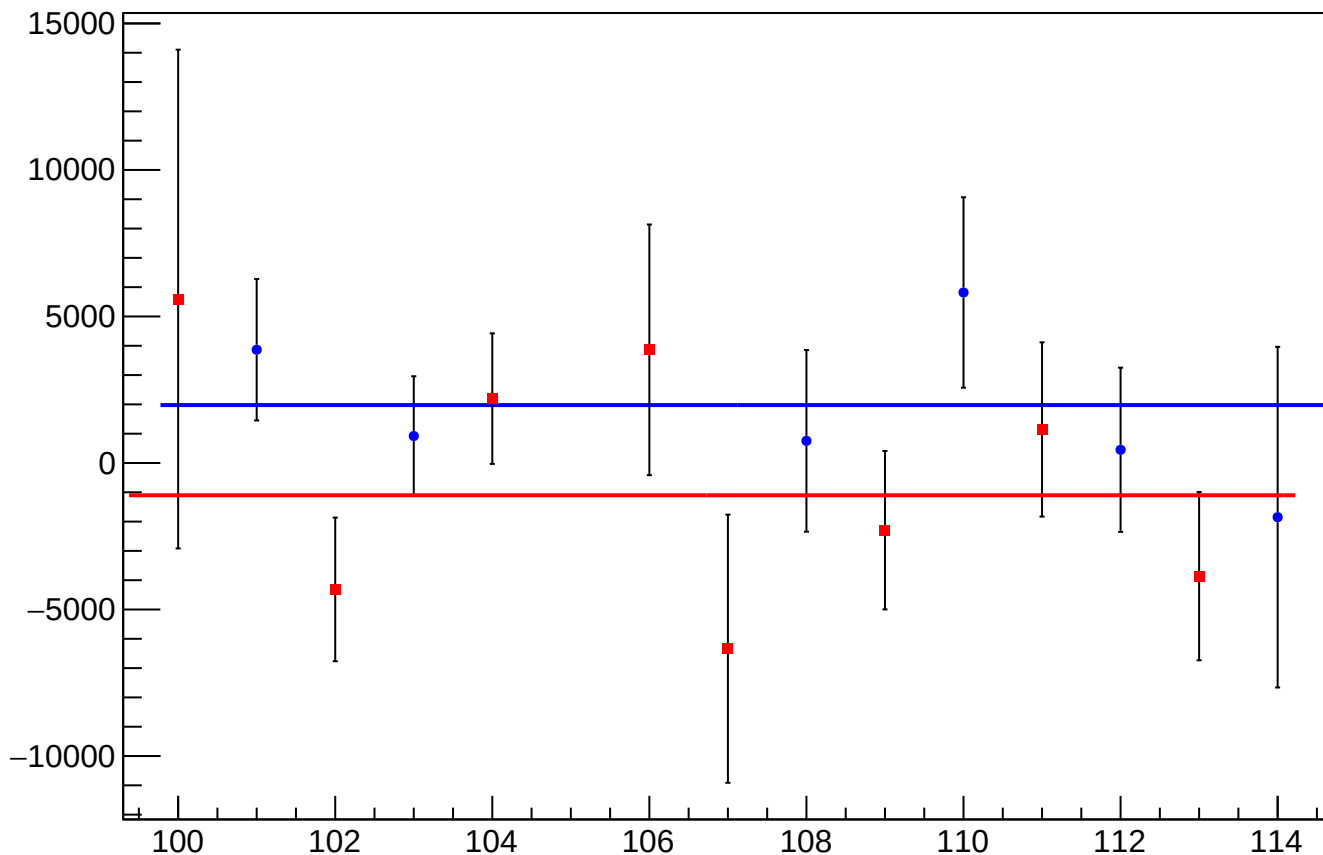
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.429+/-0.291 χ^2/NDF : 6088875.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 1976.438+/-1141.180 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1101.847+/-1081.268 χ^2/NDF : 8.9/7

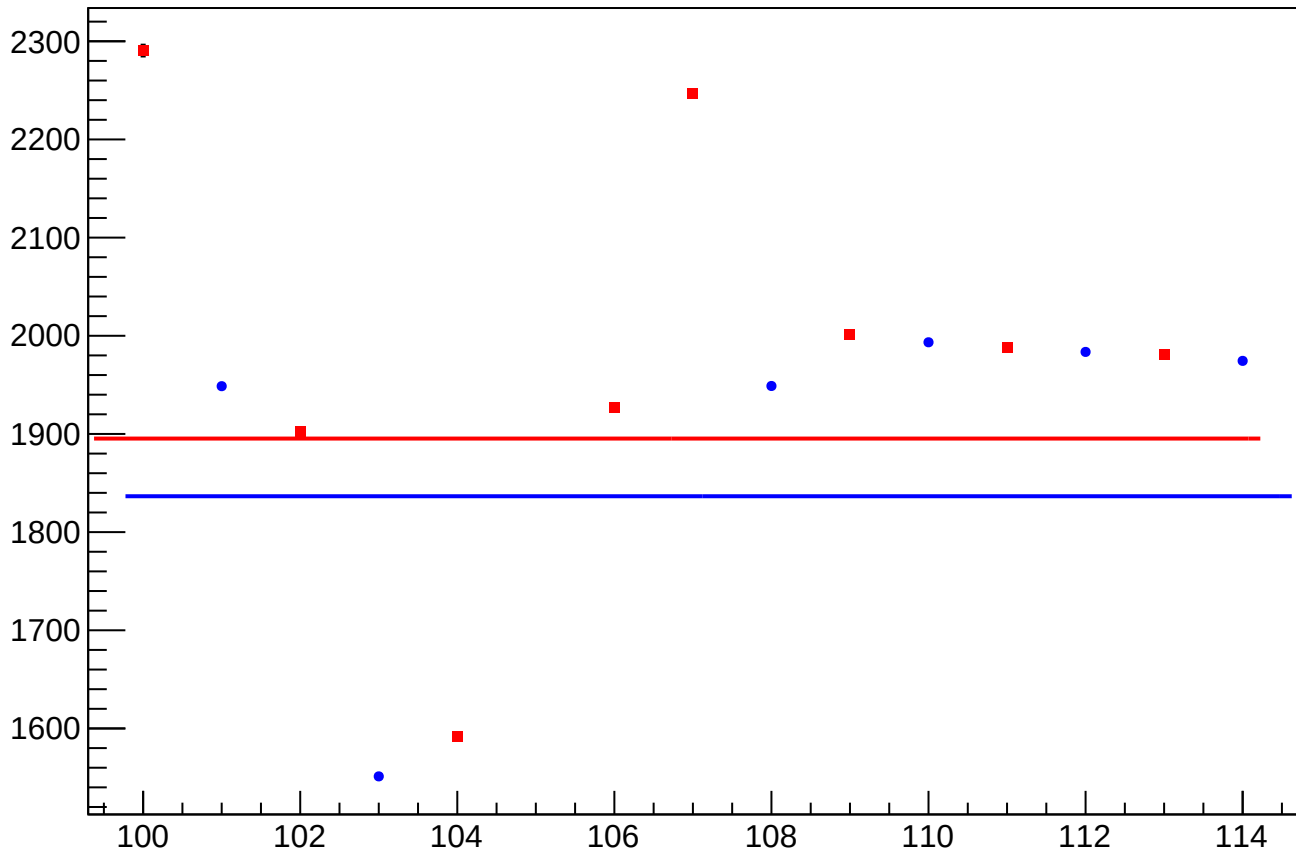
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.372+/-784.898 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1836.546 $\pm$ 0.807 χ^2 /NDF: 57386.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1895.302 $\pm$ 0.755 χ^2 /NDF: 60264.3/7

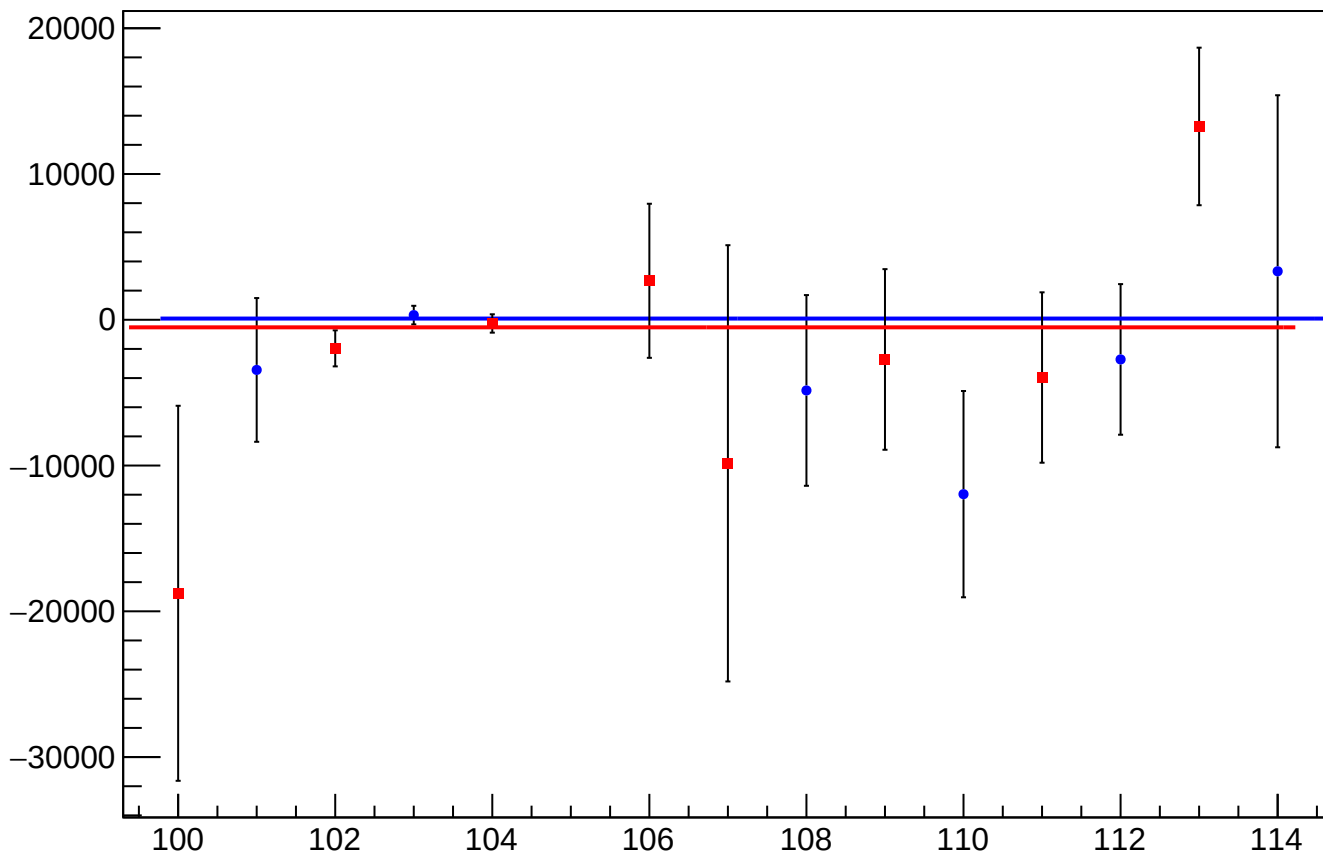
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1867.857 $\pm$ 0.552 χ^2 /NDF: 120475.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



Right In: 83.398+/-621.493 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.722+/-549.682 χ^2/NDF : 11.3/7

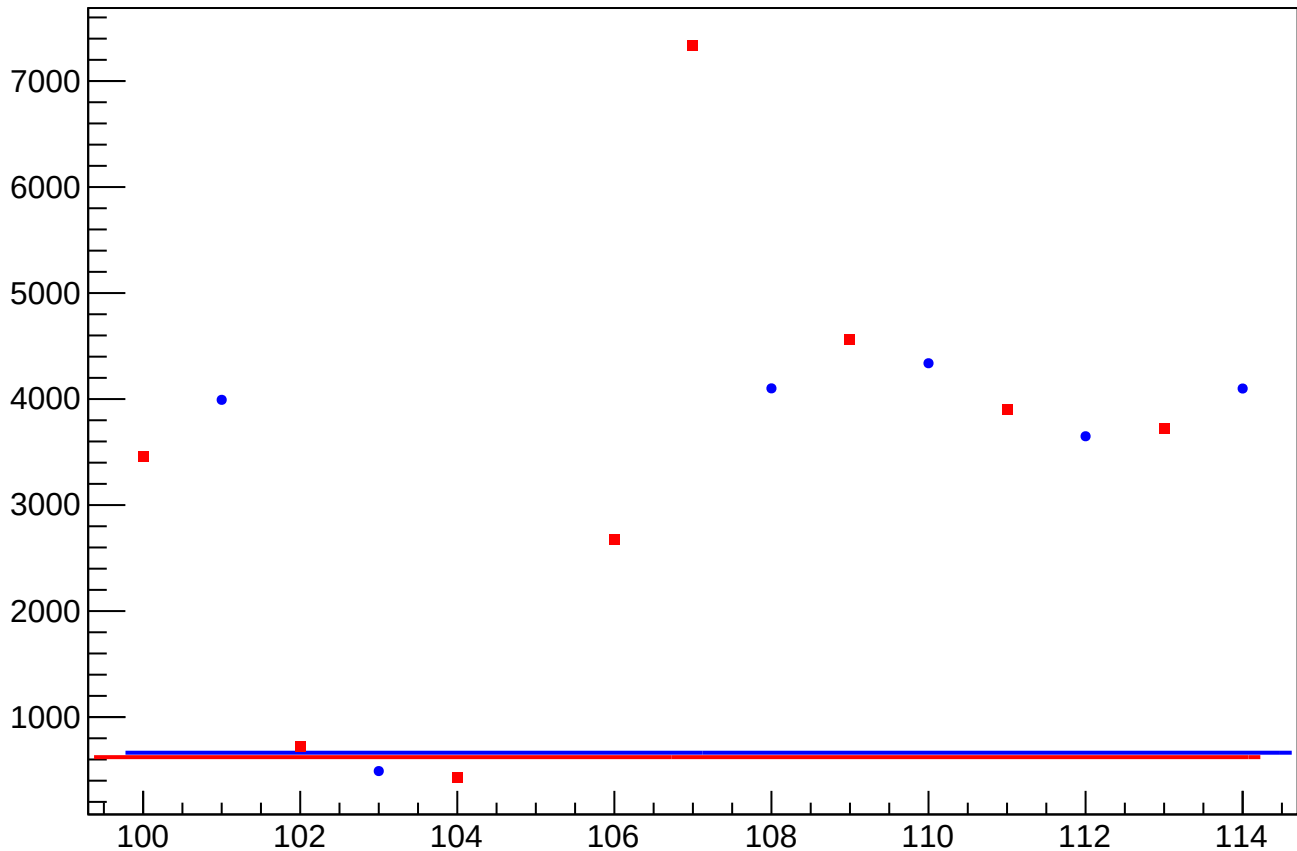
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.443+/-411.743 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 663.931+/-0.439 χ^2/NDF : 2979906.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 622.045+/-0.389 χ^2/NDF : 3103872.2/7

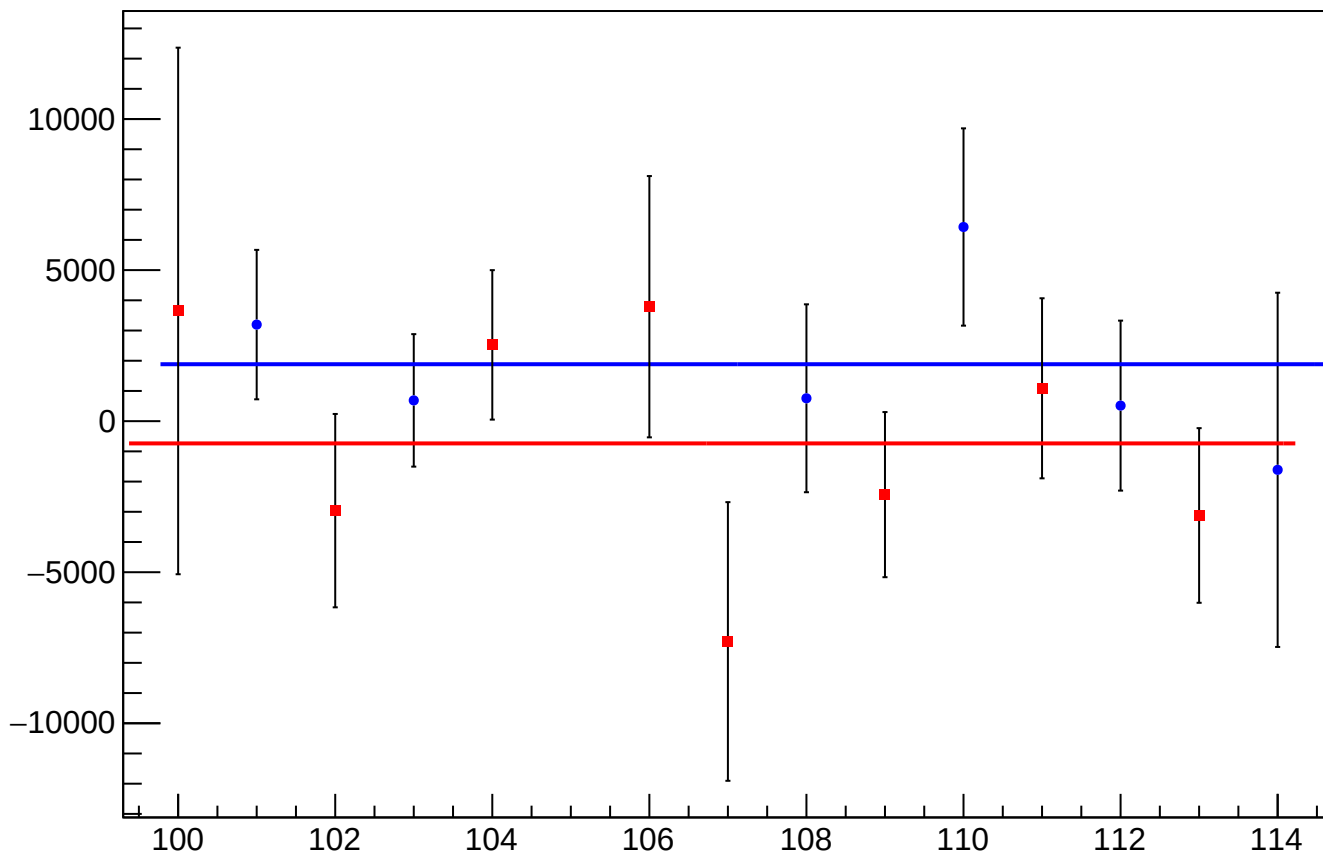
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.429+/-0.291 χ^2/NDF : 6088875.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 1884.781+/-1175.183 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -736.357+/-1161.765 χ^2/NDF : 7.0/7

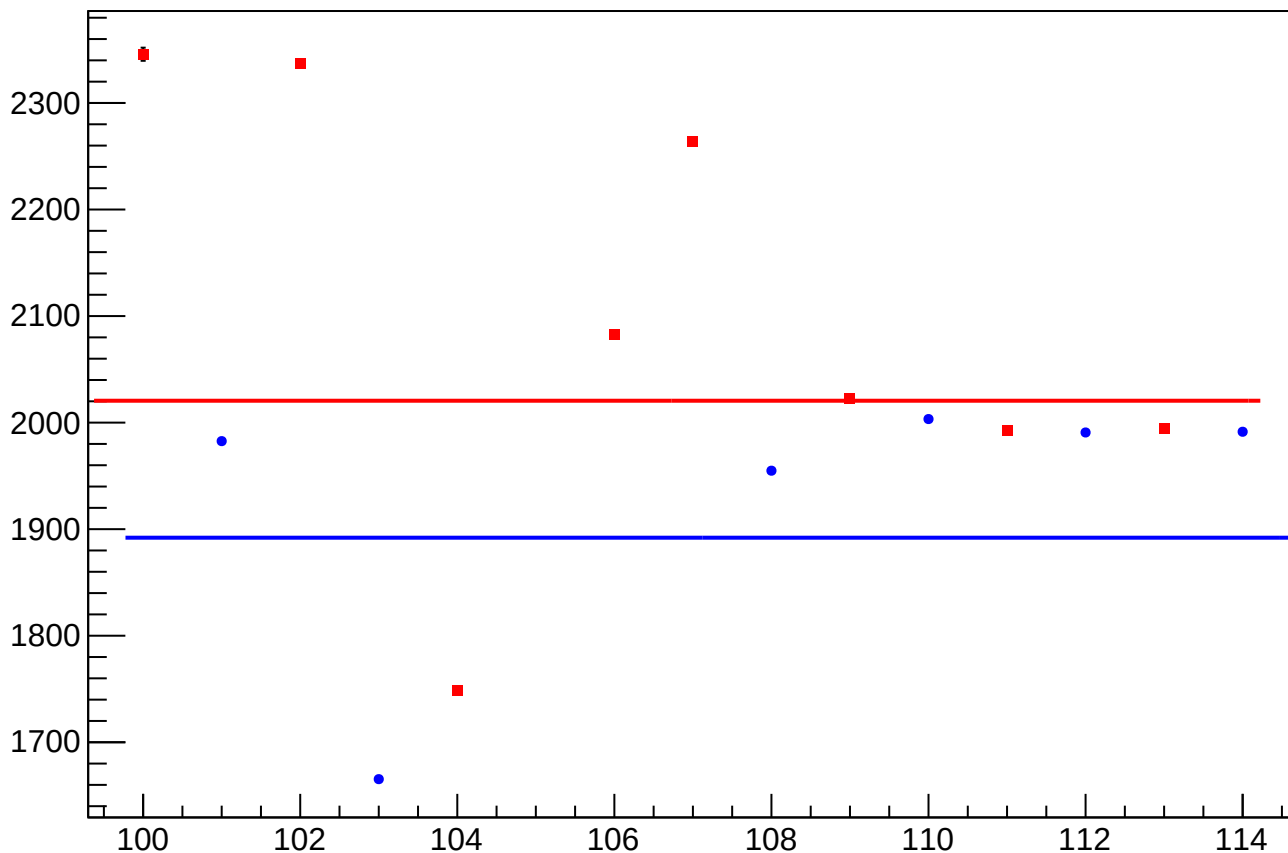
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.162+/-826.195 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1891.997 $\pm$ 0.831 χ^2 /NDF: 30229.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2020.543 $\pm$ 0.816 χ^2 /NDF: 52913.8/7

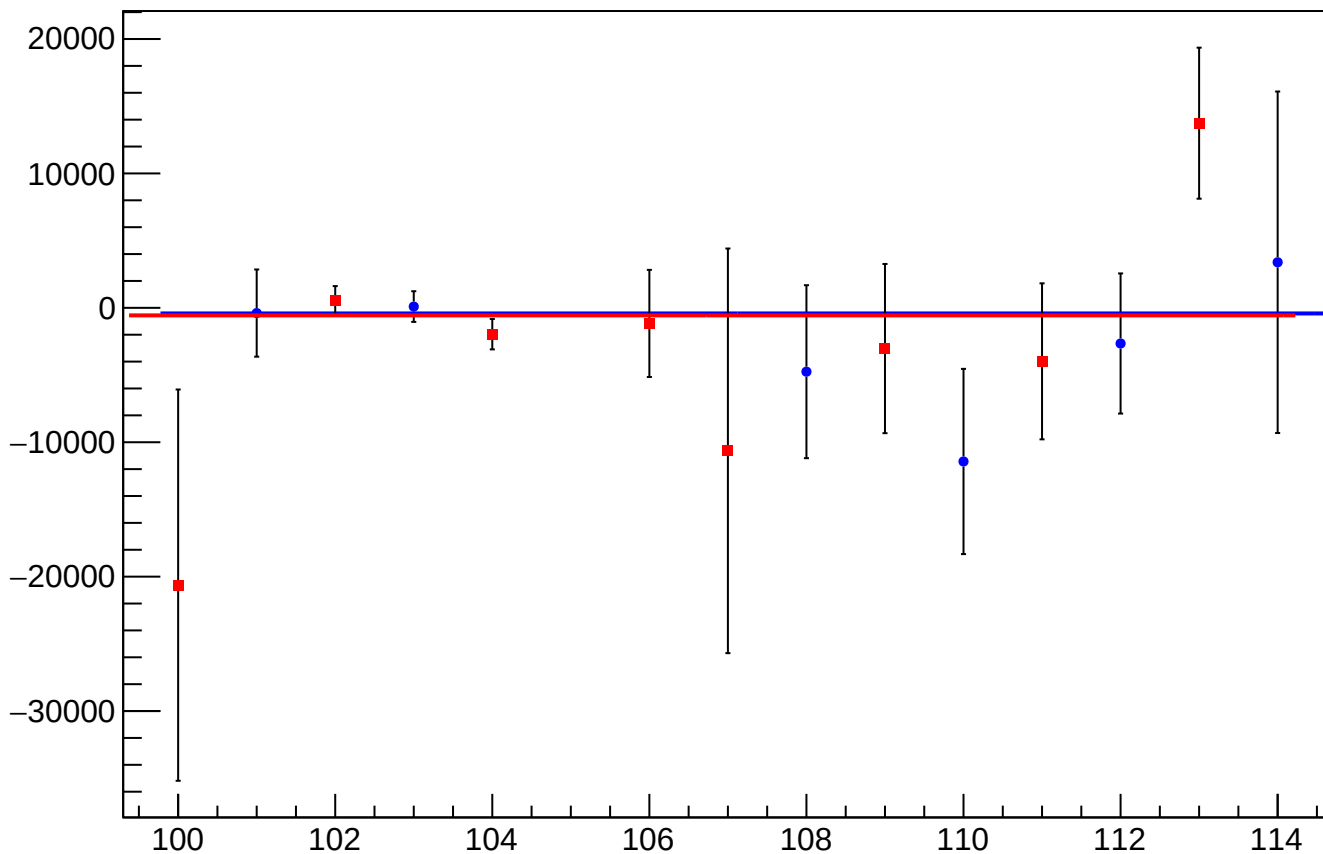
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1957.458 $\pm$ 0.582 χ^2 /NDF: 95329.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



Right In: -417.455+/-1025.419 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.497+/-741.040 χ^2/NDF : 12.0/7

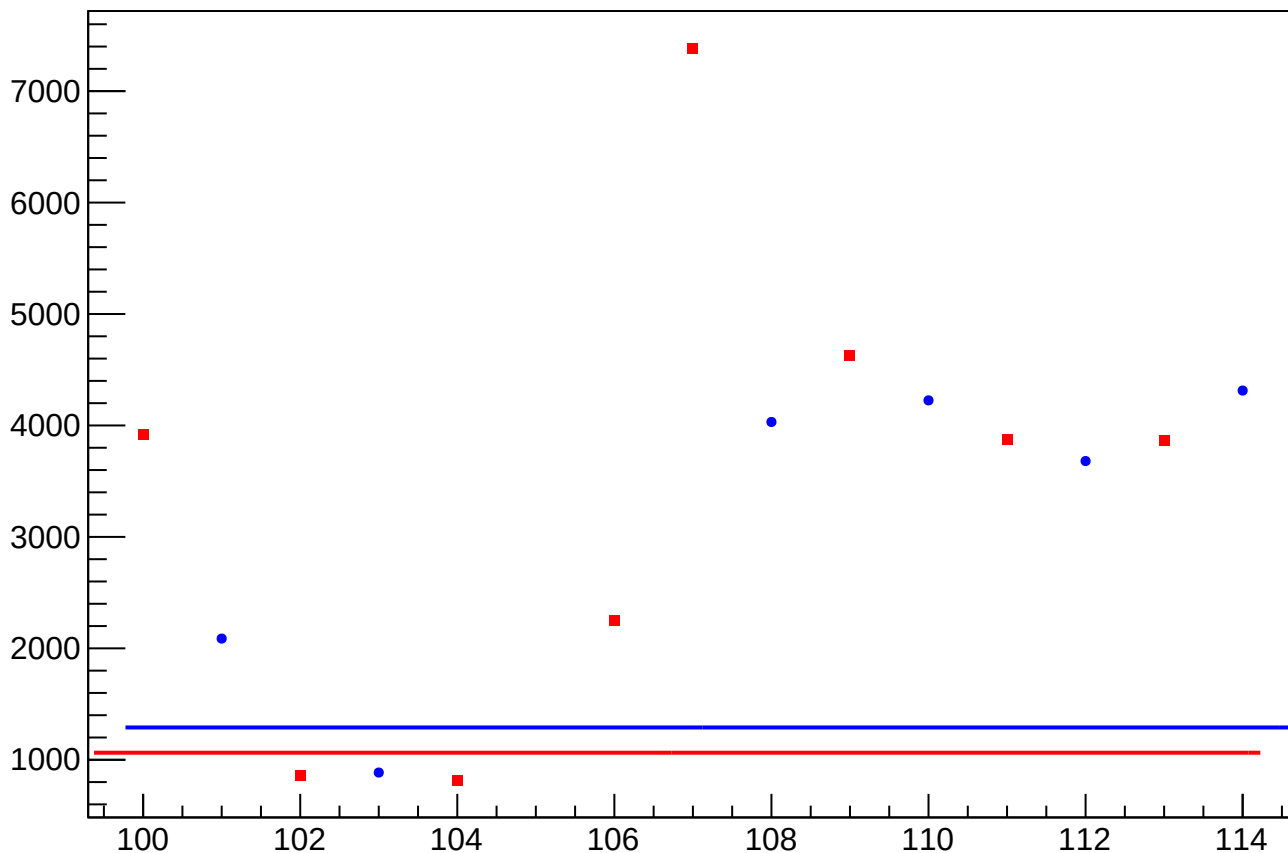
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.080+/-600.618 χ^2/NDF : 15.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1290.149+/-0.725 χ^2/NDF : 1631763.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

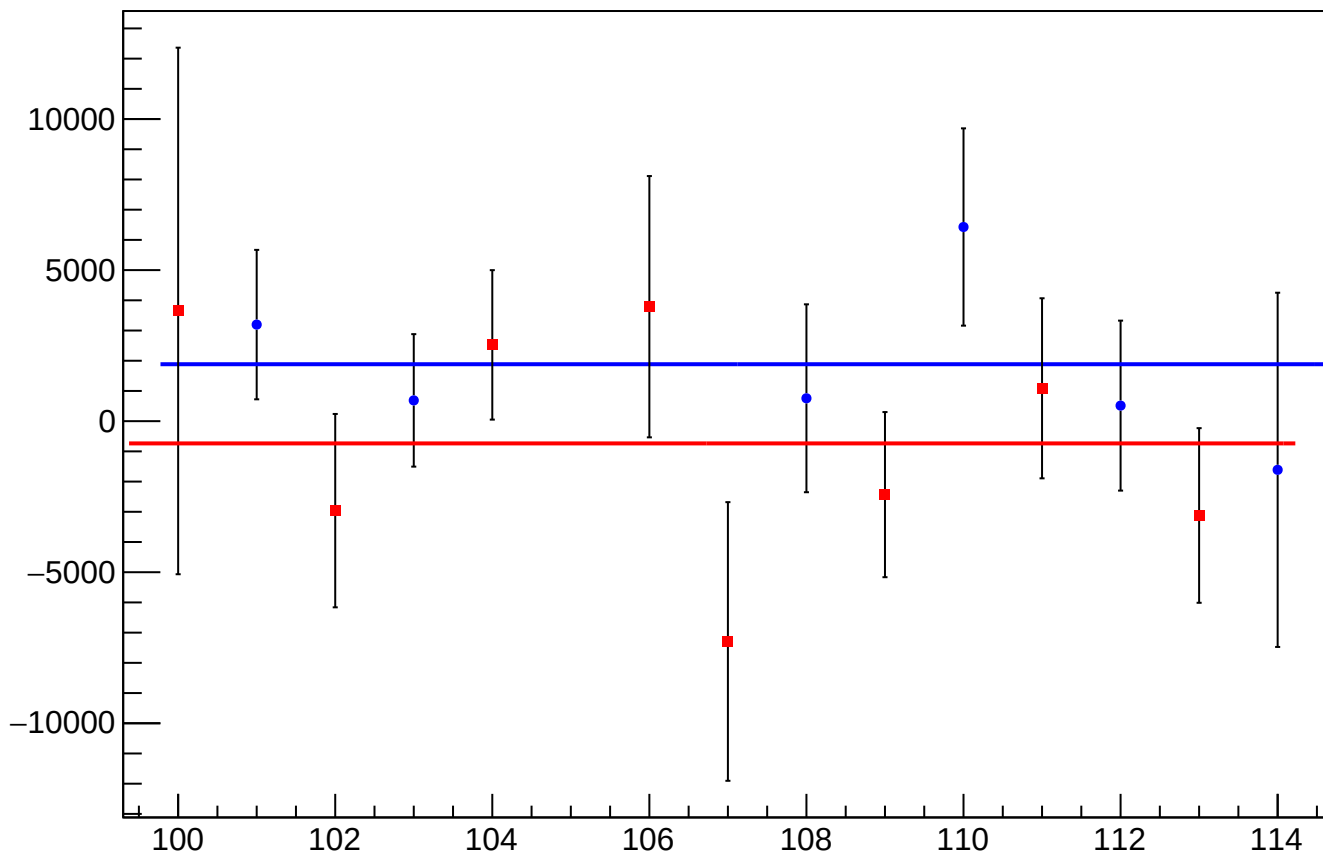
Right Out: 1063.643+/-0.524 χ^2/NDF : 2390653.3/7

All: 1141.353+/-0.425 χ^2/NDF : 4086523.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 1884.784+/-1175.183 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -736.356+/-1161.764 χ^2/NDF : 7.0/7

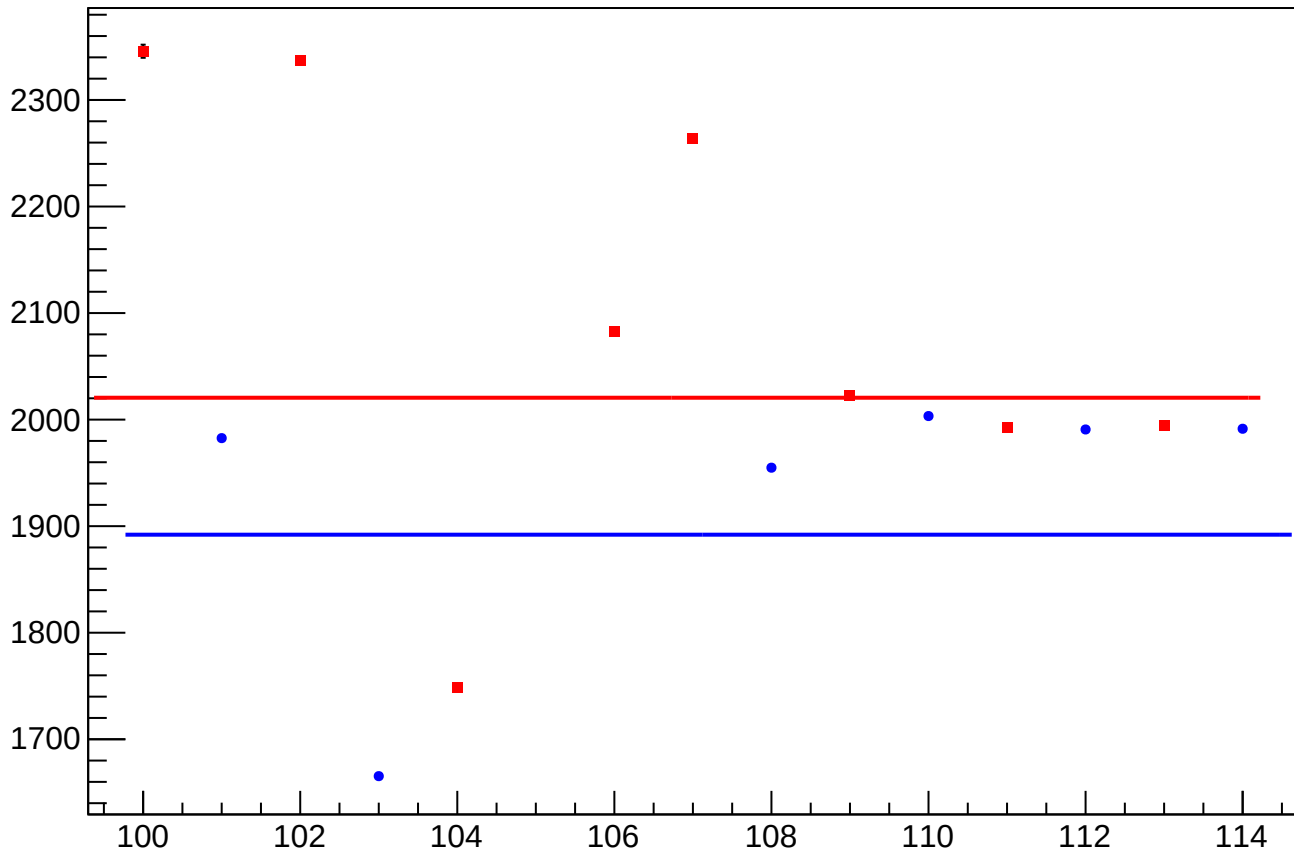
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.164+/-826.195 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1891.996 $\pm$ 0.831 χ^2 /NDF: 30230.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2020.542 $\pm$ 0.816 χ^2 /NDF: 52914.0/7

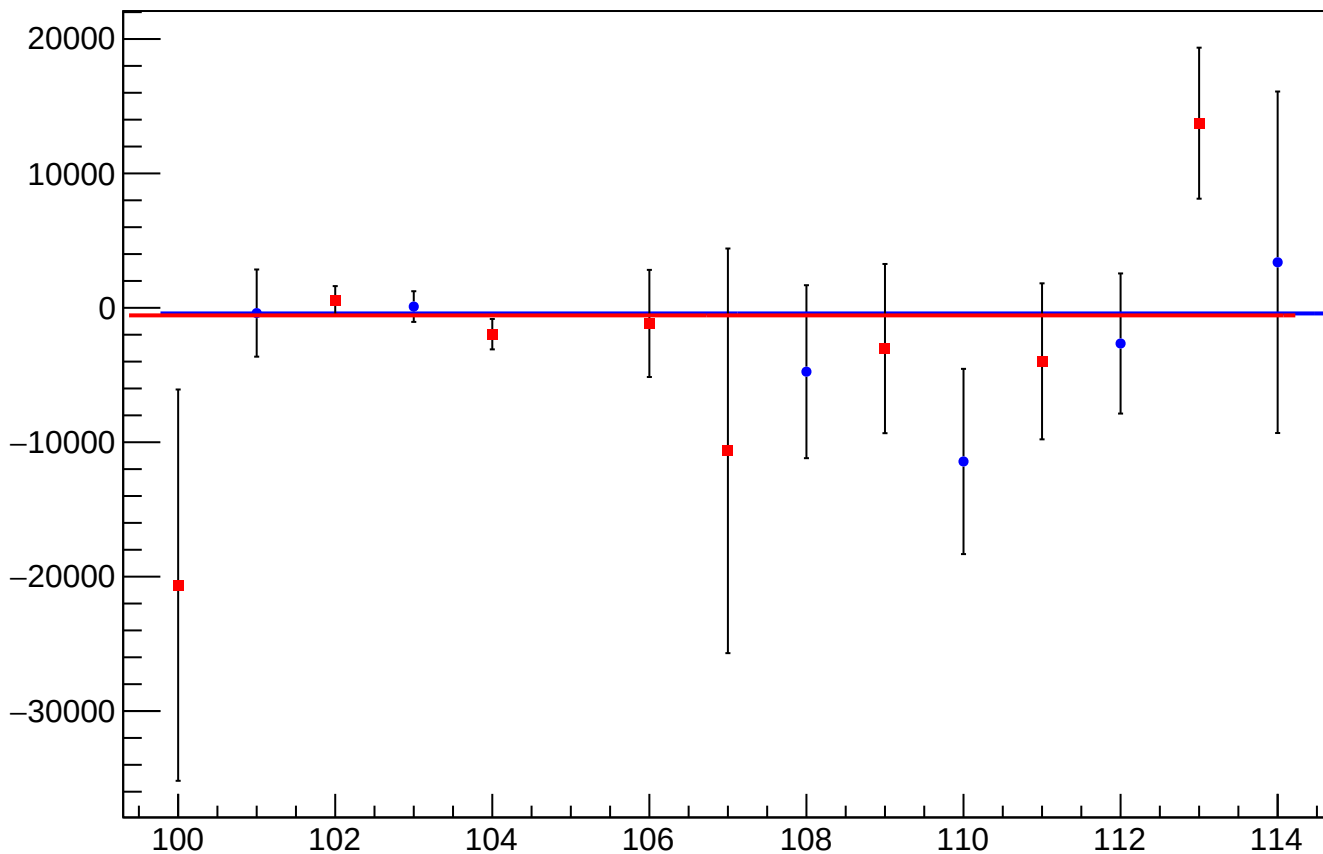
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1957.457 $\pm$ 0.582 χ^2 /NDF: 95330.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_correction_mean vs Slug



Right In: -417.448+/-1025.411 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.494+/-741.034 χ^2/NDF : 12.0/7

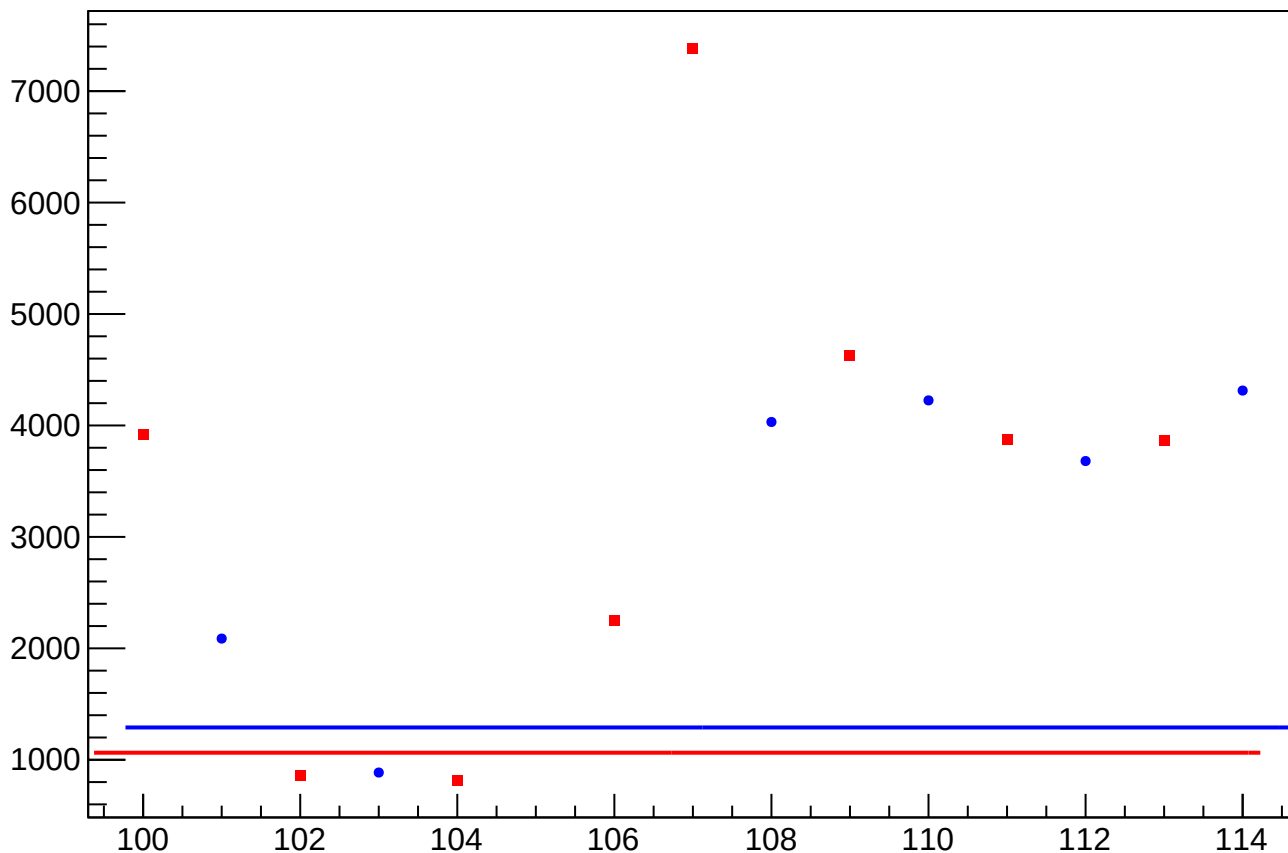
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.075+/-600.613 χ^2/NDF : 15.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1290.137+/-0.725 χ^2/NDF : 1631770.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.633+/-0.524 χ^2/NDF : 2390662.8/7

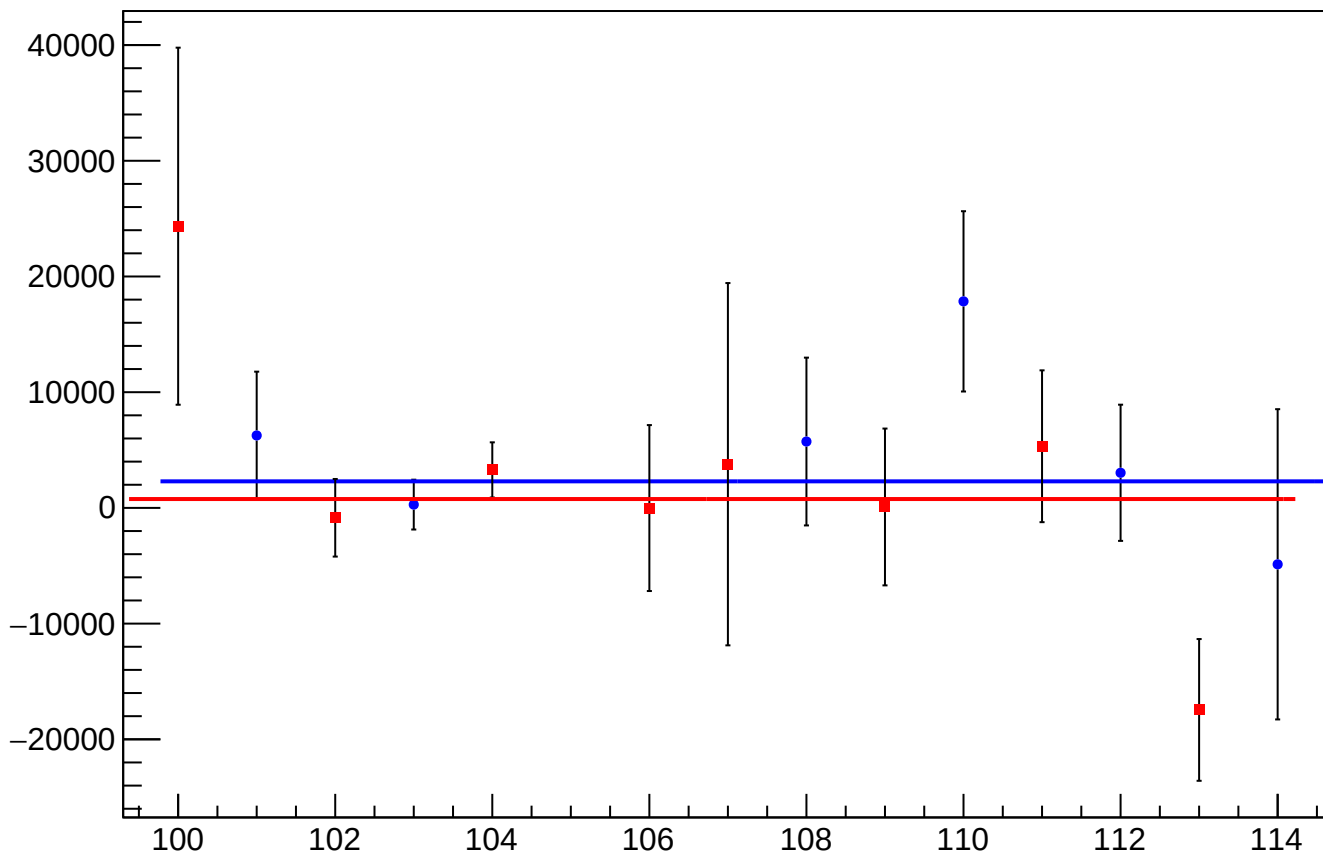
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.342+/-0.425 χ^2/NDF : 4086539.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



Right In: 2295.269+/-1771.833 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.344+/-1656.967 χ^2/NDF : 13.1/7

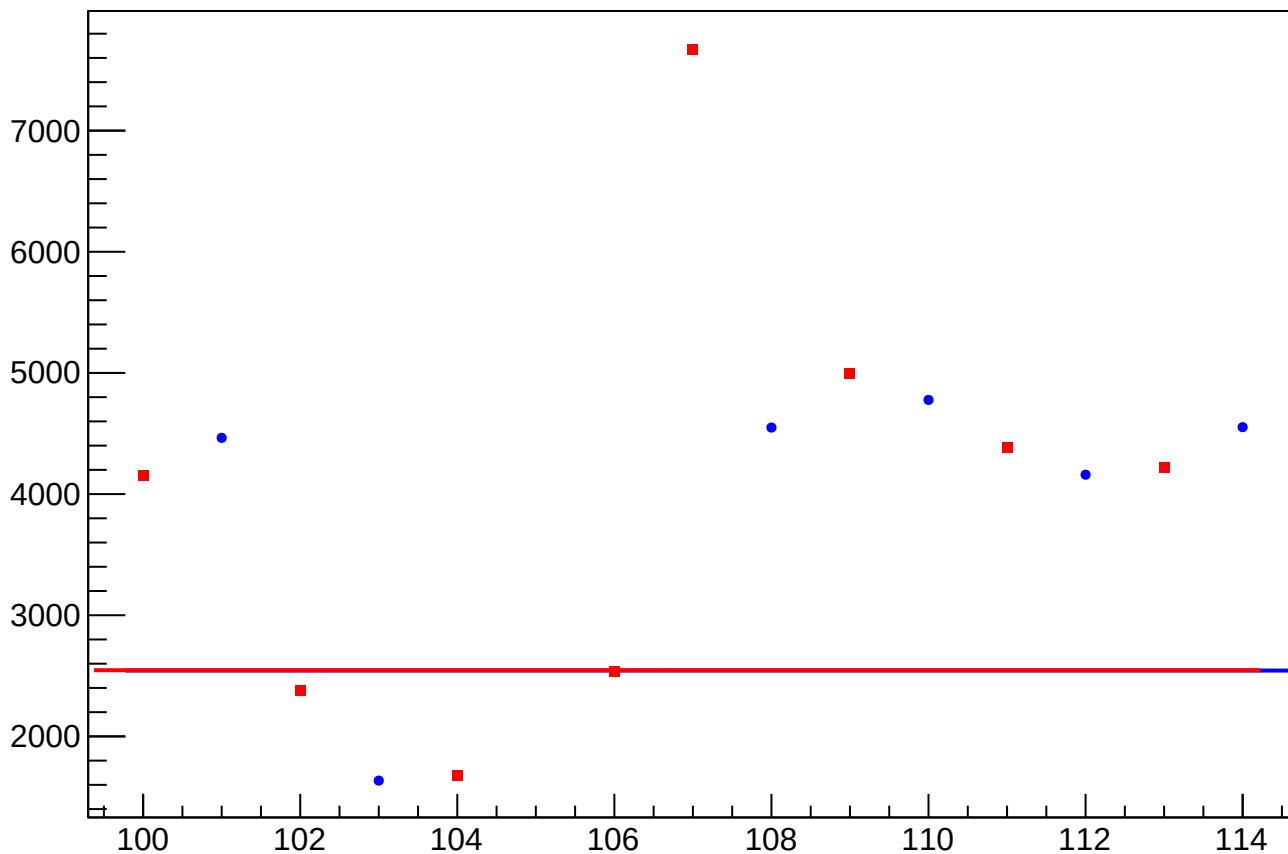
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.644+/-1210.224 χ^2/NDF : 19.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



Right In: 2543.426+/-1.253 χ^2/NDF : 1111886.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2546.261+/-1.140 χ^2/NDF : 1077309.7/7

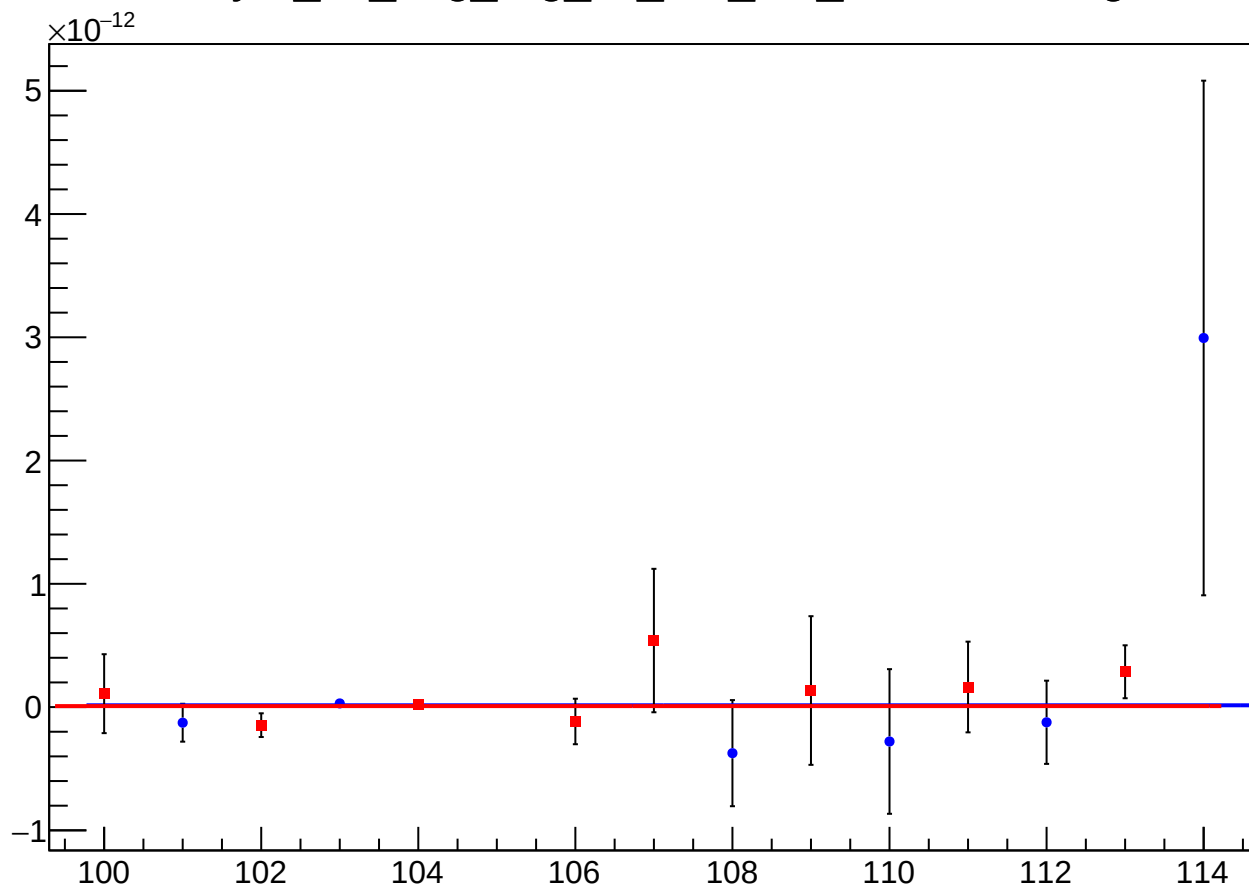
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2544.978+/-0.843 χ^2/NDF : 2189198.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/7

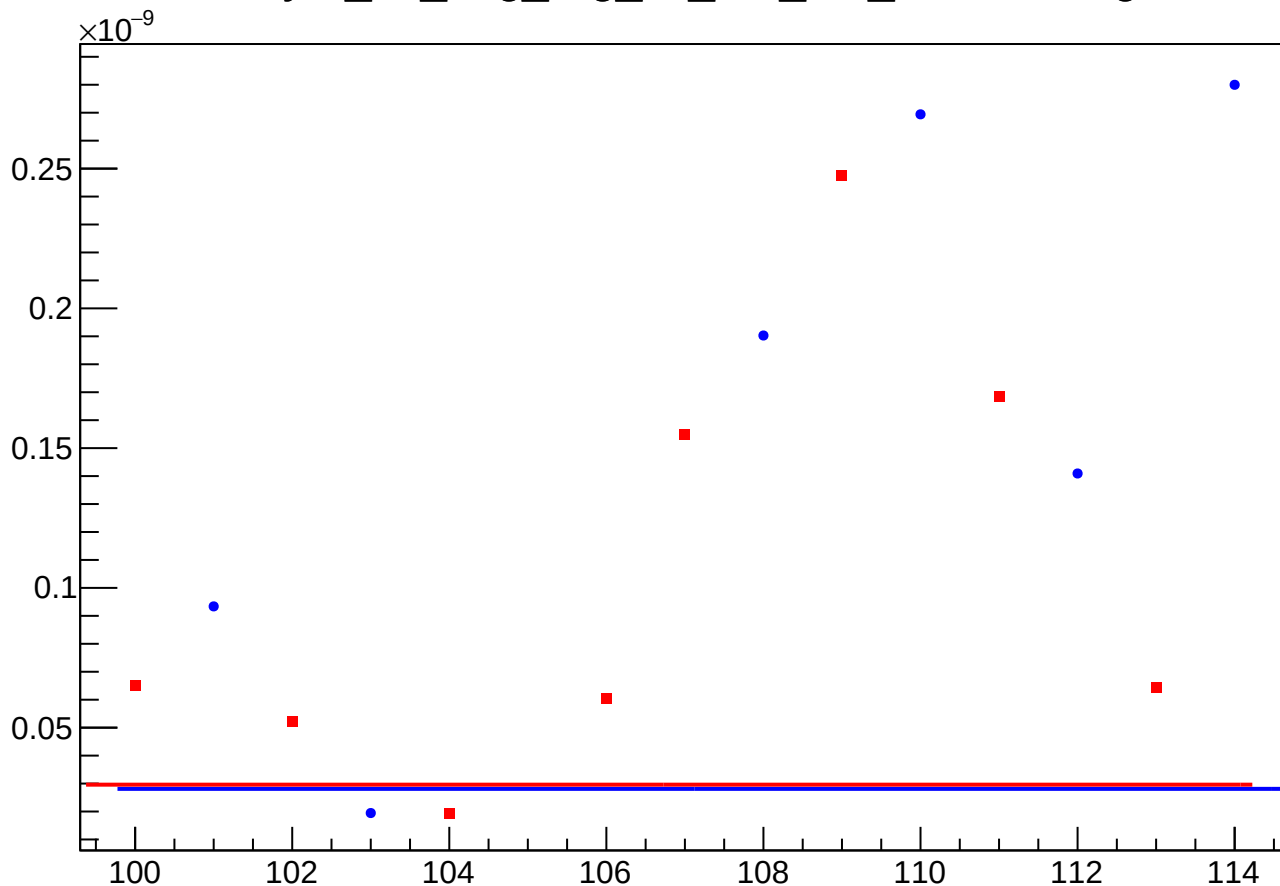
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1328507.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1016329.5/7

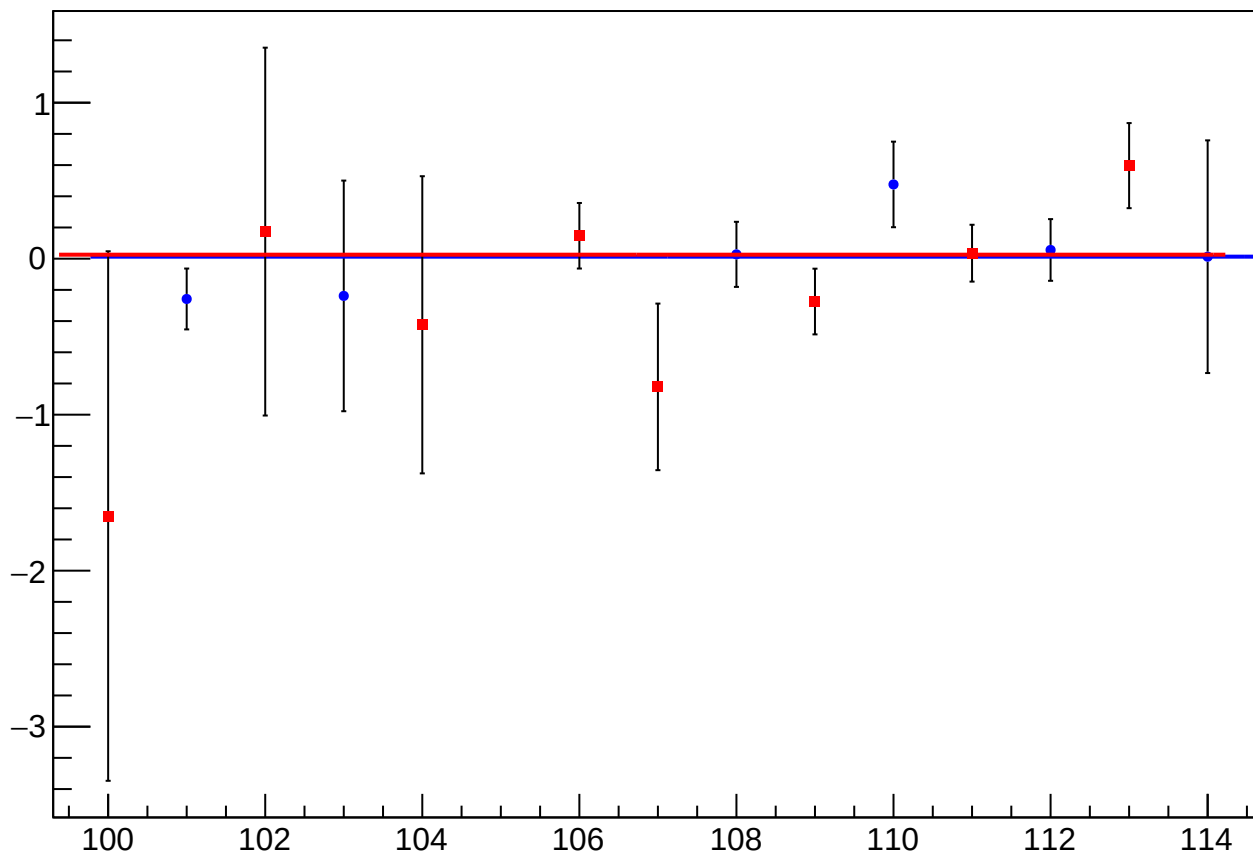
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2346500.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.104 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7

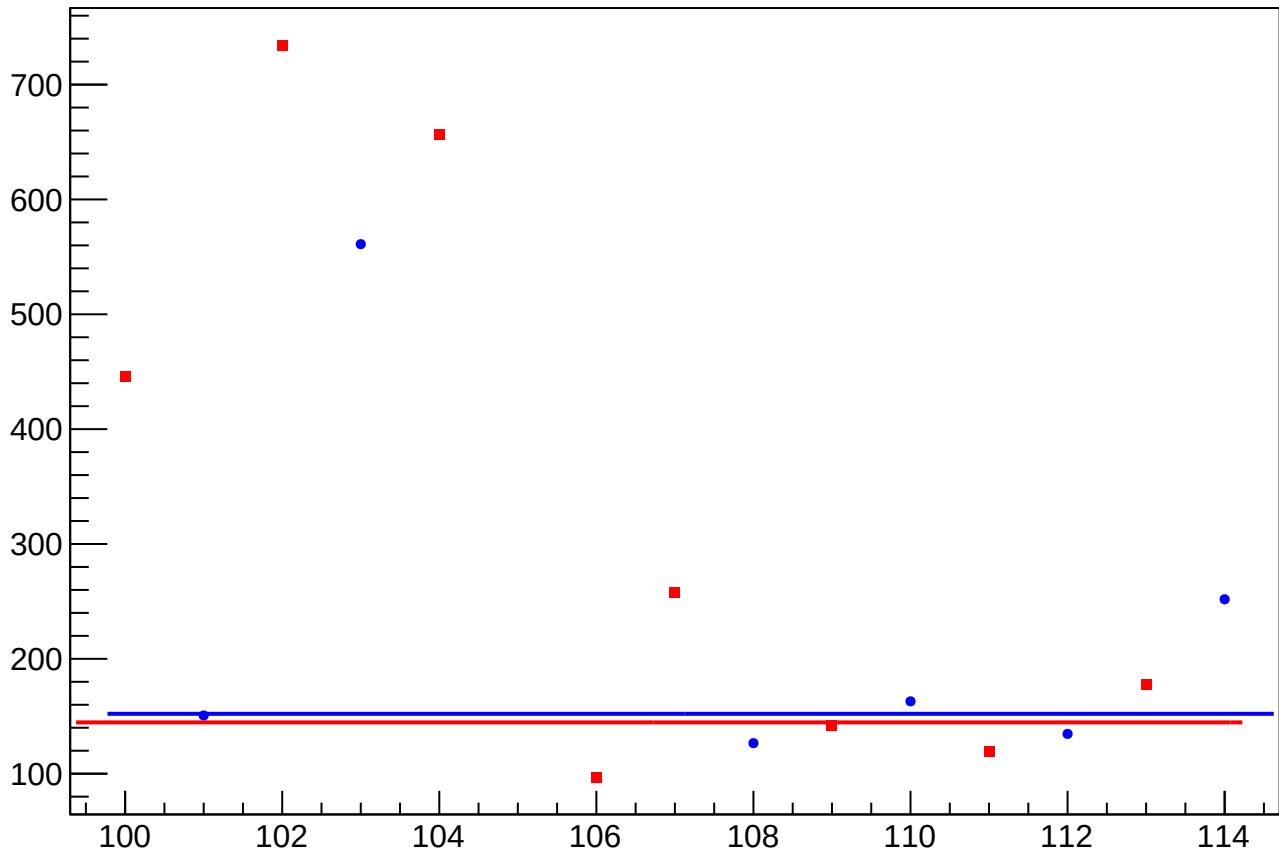
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.073 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 152.133 $\pm$ 0.074 χ^2 /NDF: 696667.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.670 $\pm$ 0.073 χ^2 /NDF: 1404034.3/7

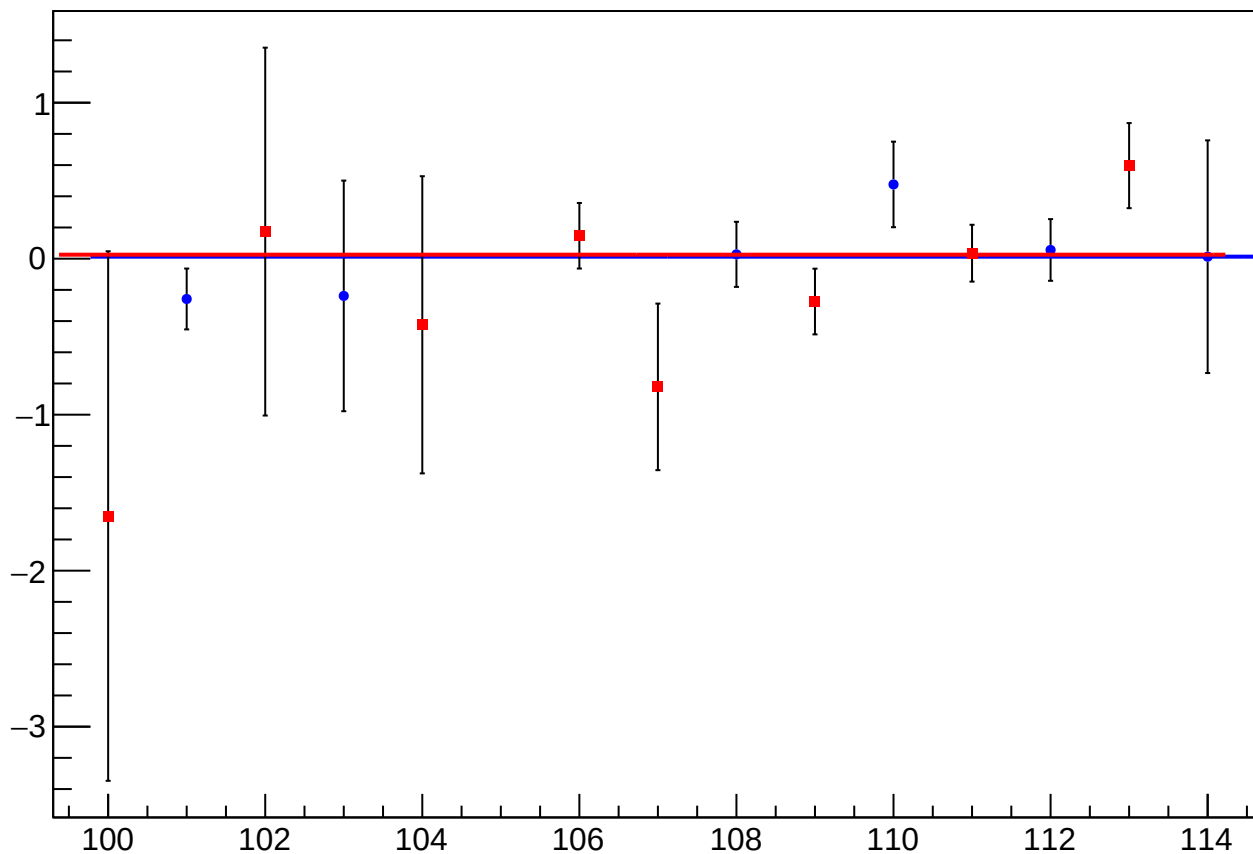
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.348 $\pm$ 0.052 χ^2 /NDF: 2105885.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.104 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7

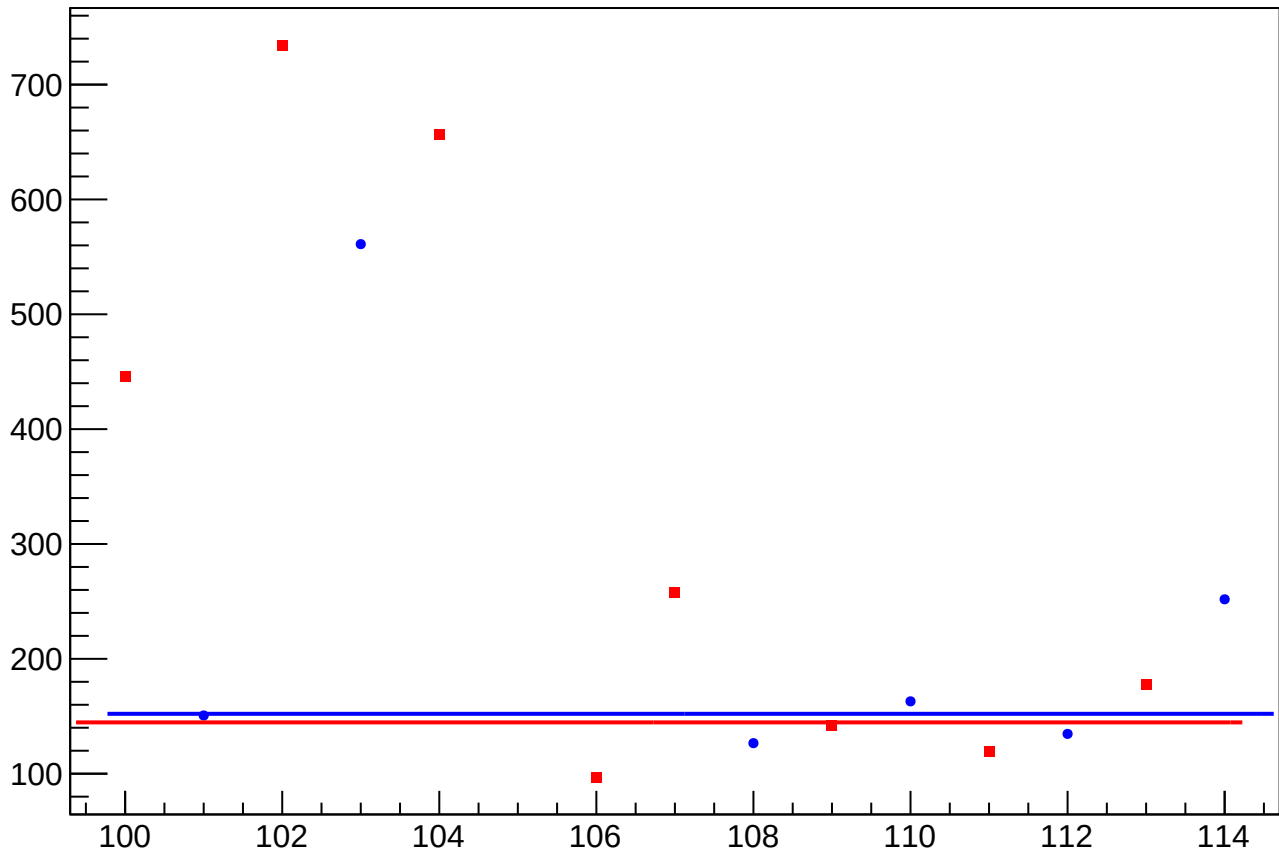
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.073 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 152.133+/-0.074 χ^2/NDF : 696667.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.670+/-0.073 χ^2/NDF : 1404034.3/7

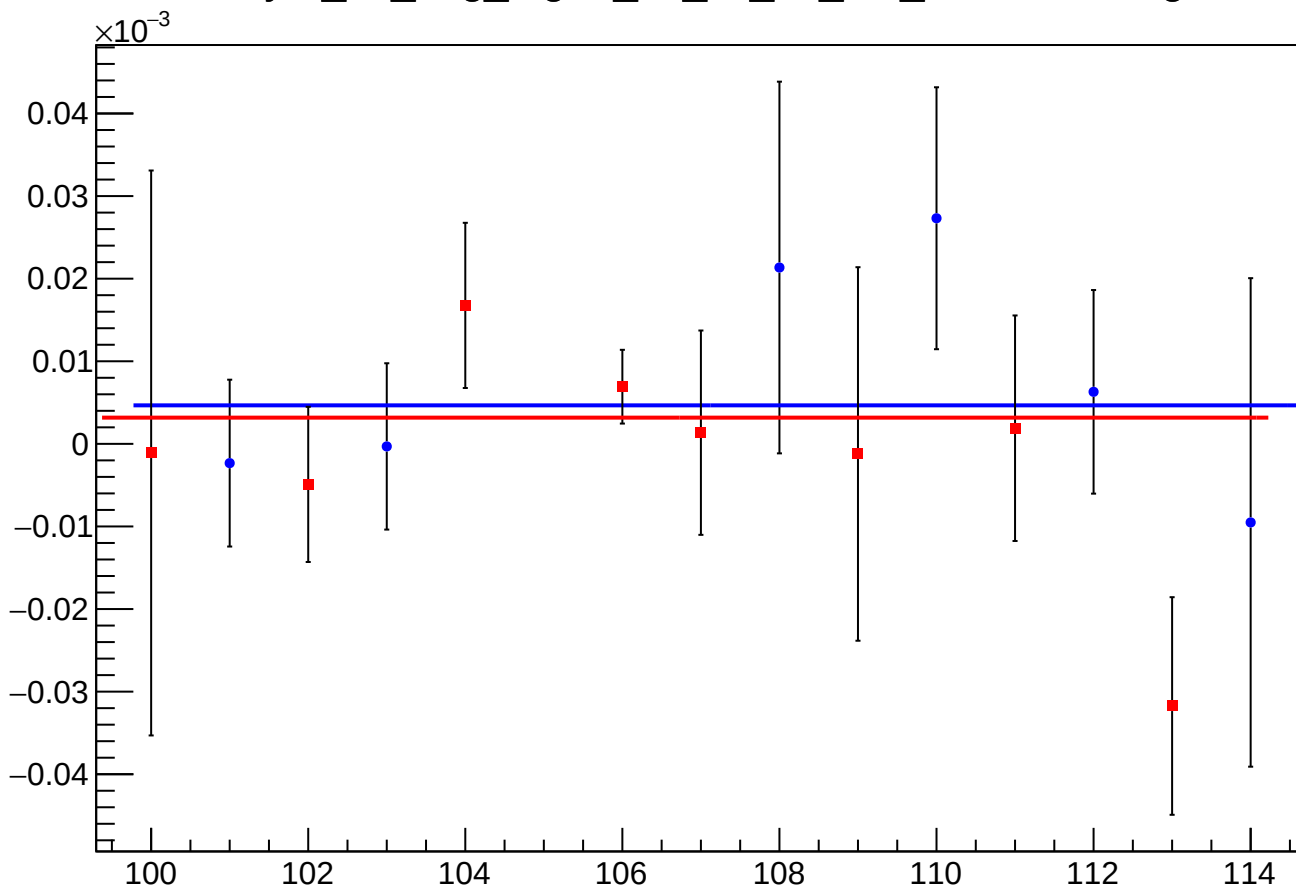
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.348+/-0.052 χ^2/NDF : 2105885.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/7

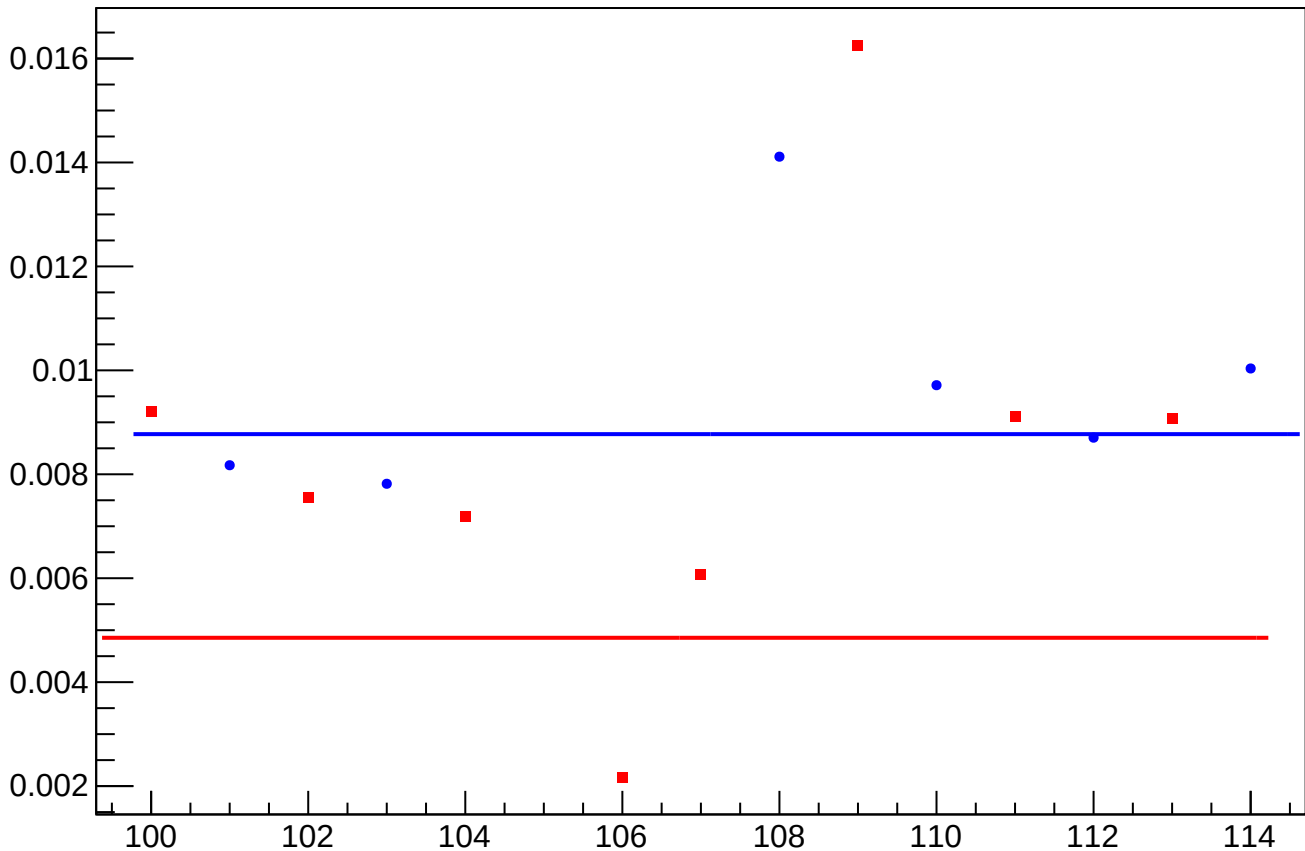
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2/NDF : 148374.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2/NDF : 1960686.1/7

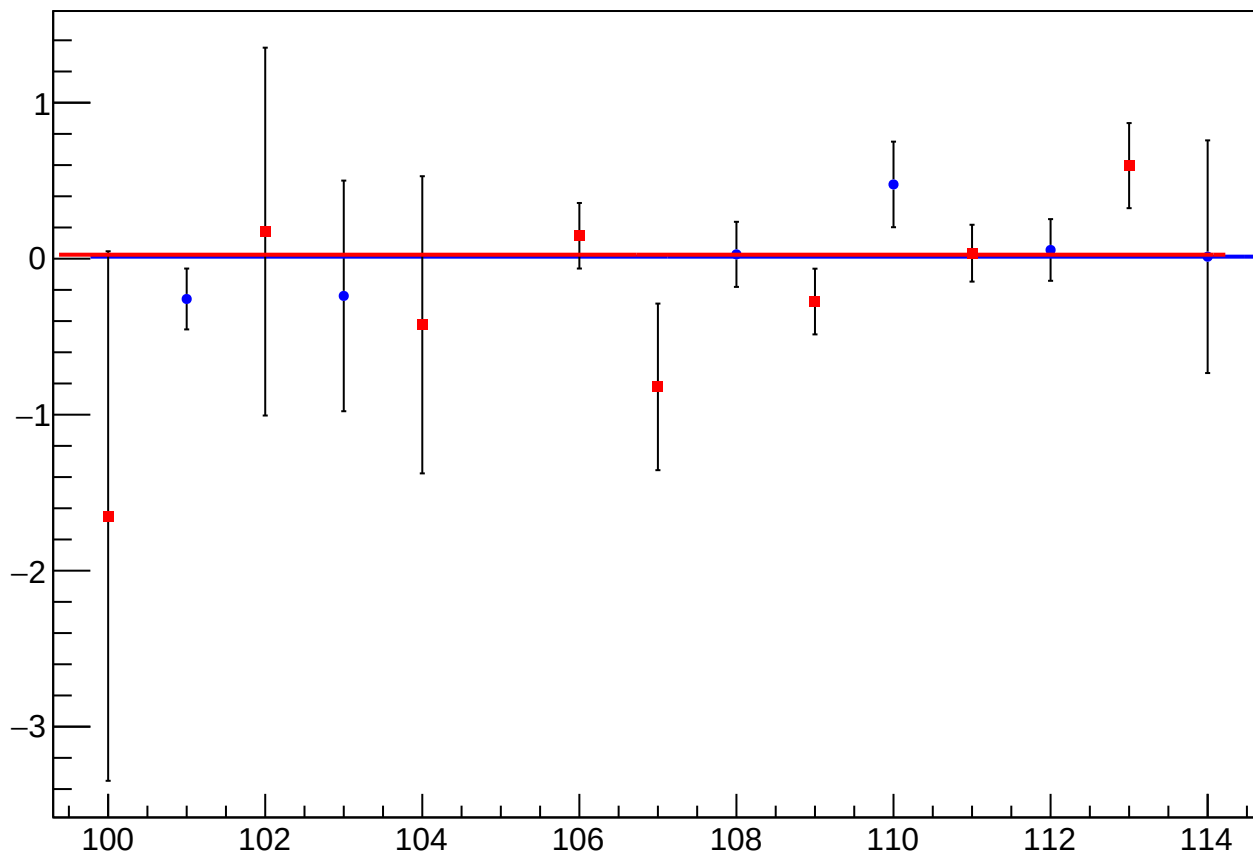
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.006 $\pm$ 0.000 χ^2/NDF : 2860655.6/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.104 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7

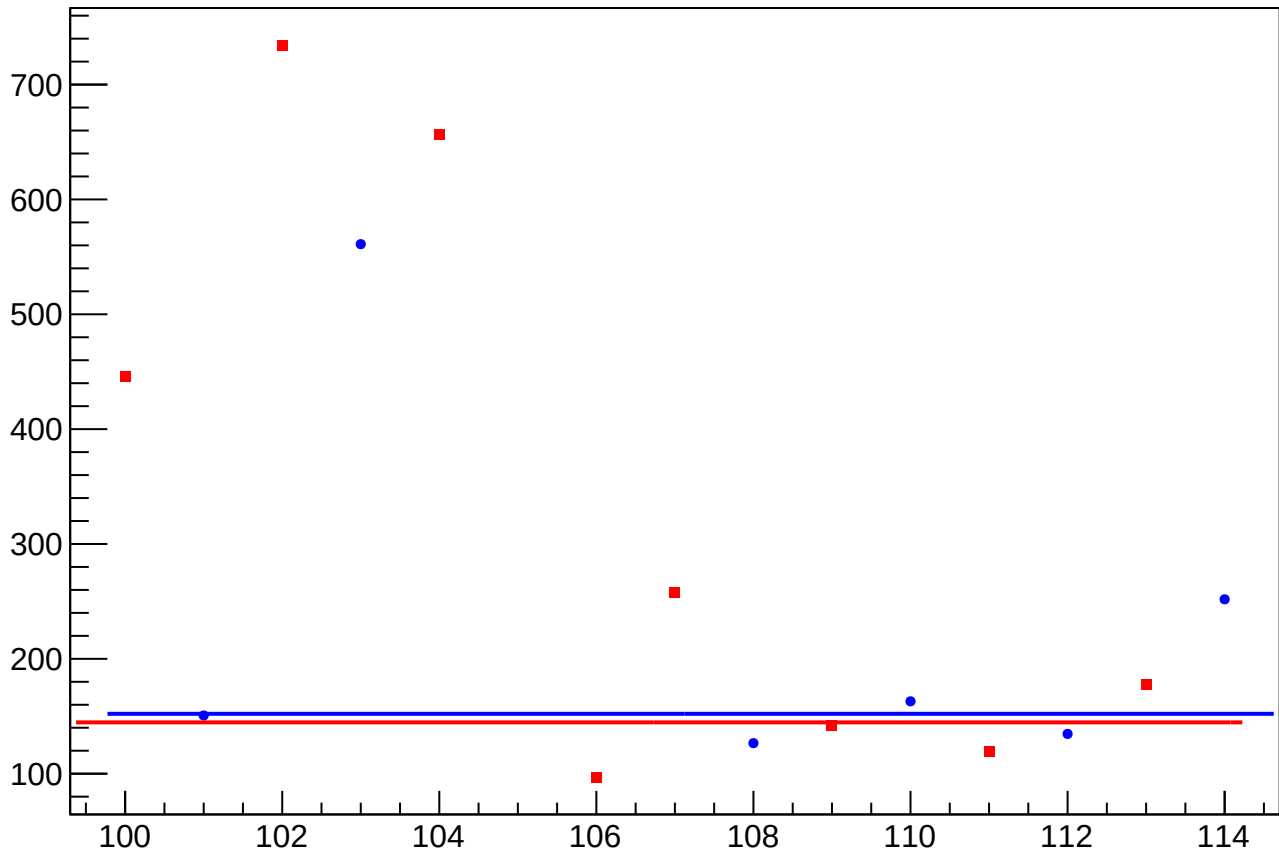
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.073 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 152.136+/-0.074 χ^2/NDF : 696637.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.671+/-0.073 χ^2/NDF : 1404008.9/7

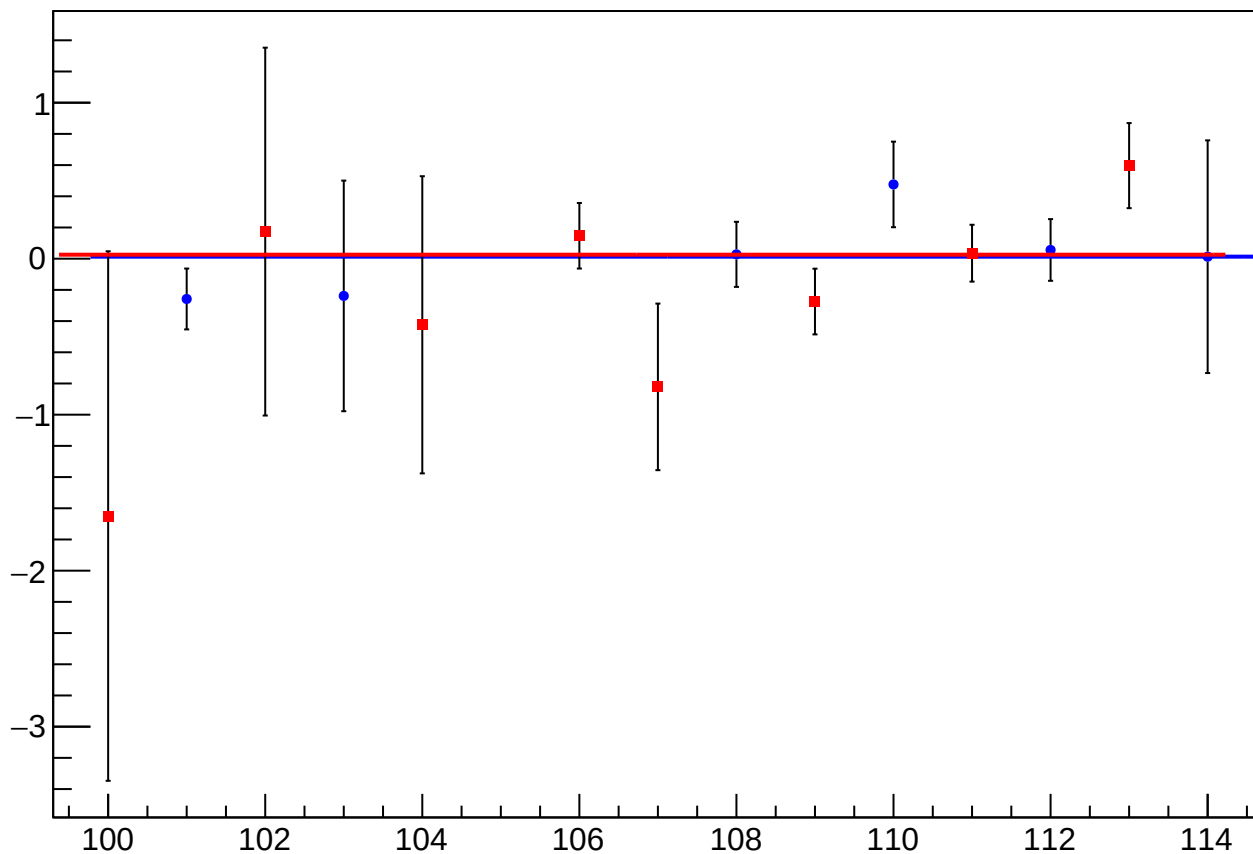
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.350+/-0.052 χ^2/NDF : 2105832.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.104 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7

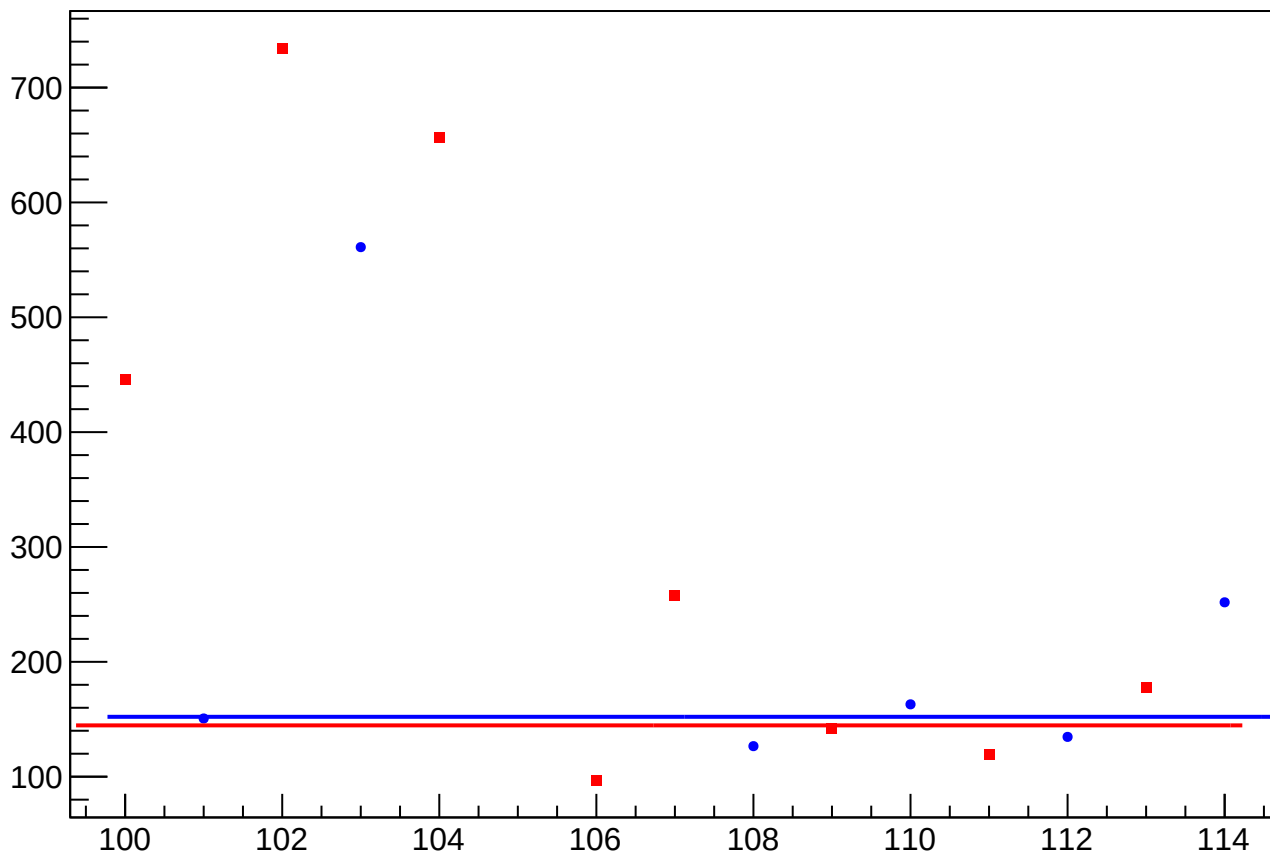
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.073 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 152.136+/-0.074 χ^2/NDF : 696637.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.671+/-0.073 χ^2/NDF : 1404008.9/7

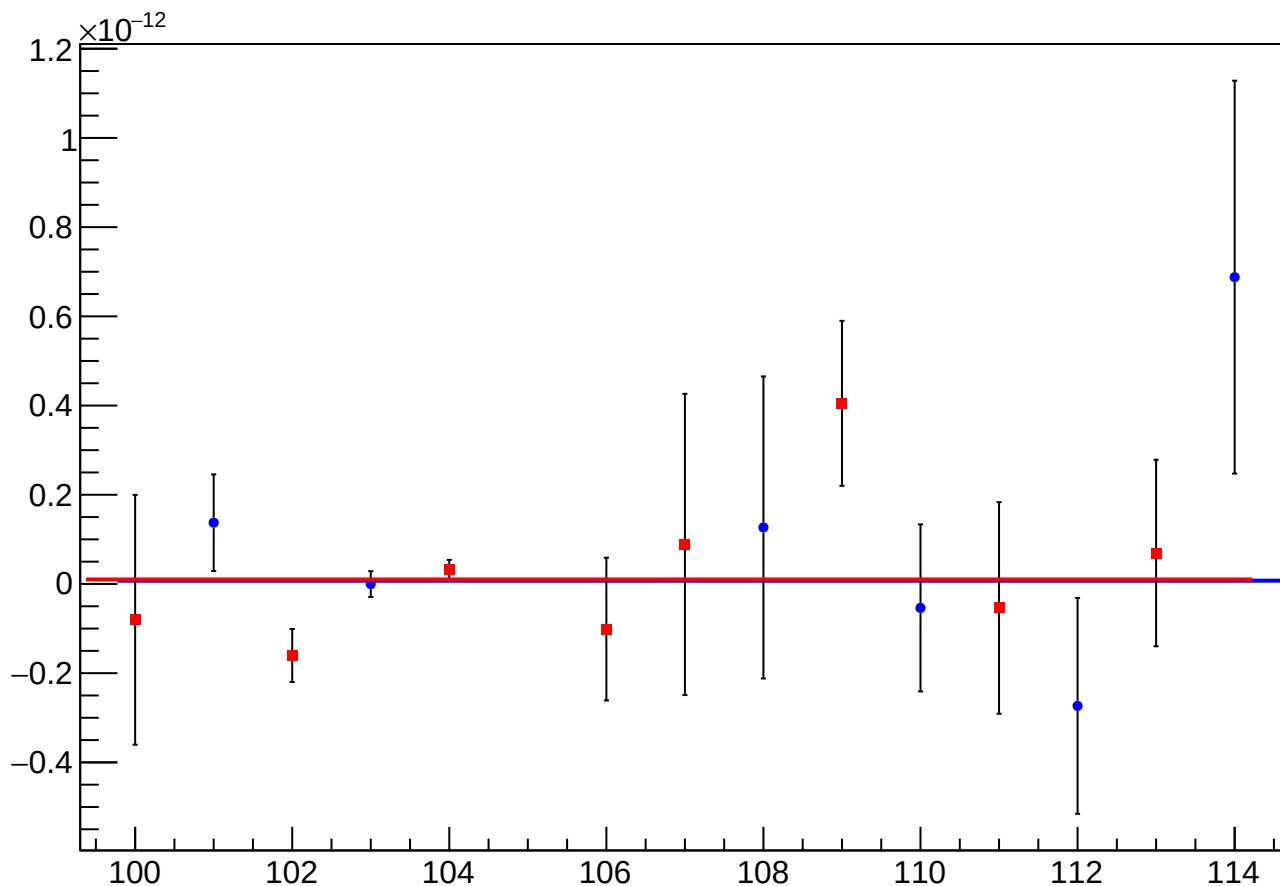
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.350+/-0.052 χ^2/NDF : 2105832.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/7

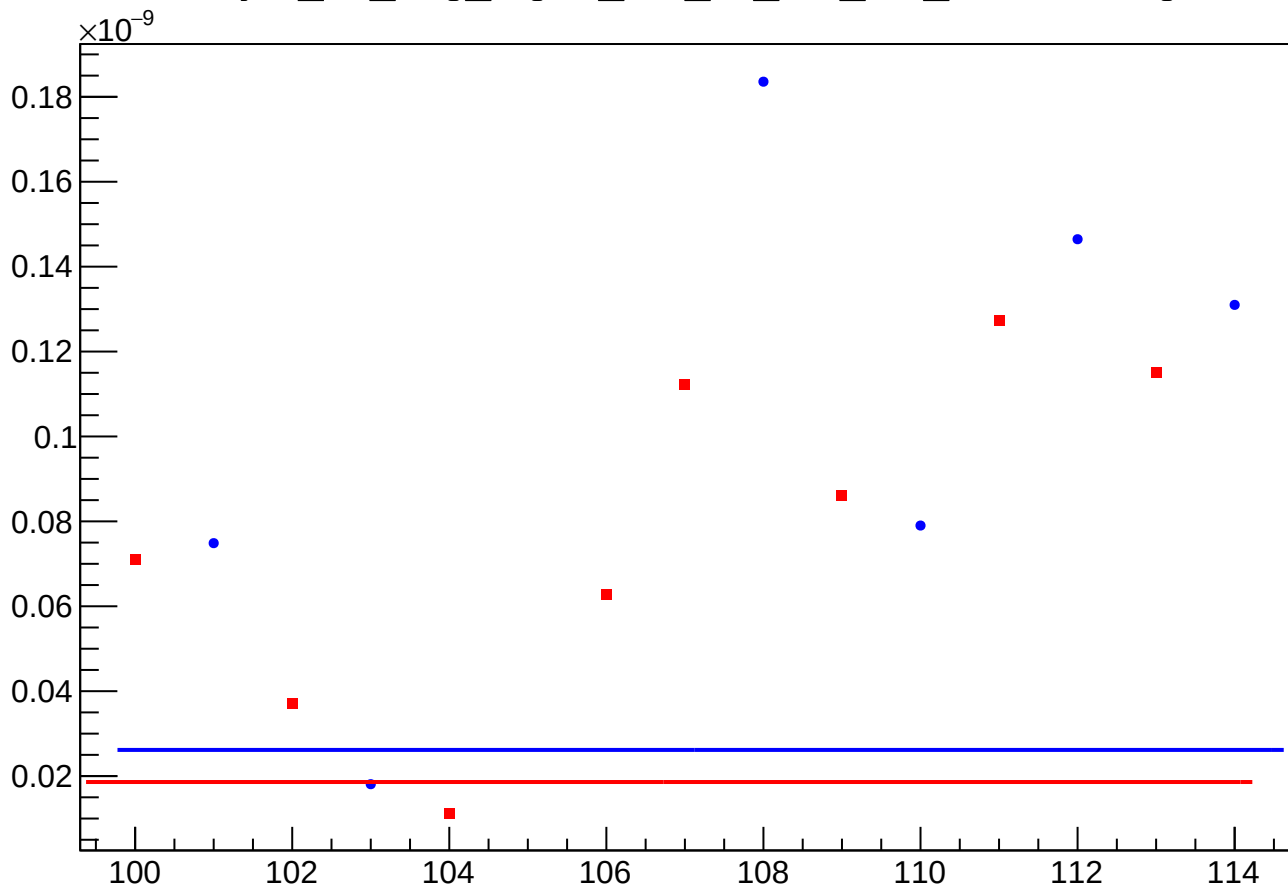
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1759374.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1897969.6/7

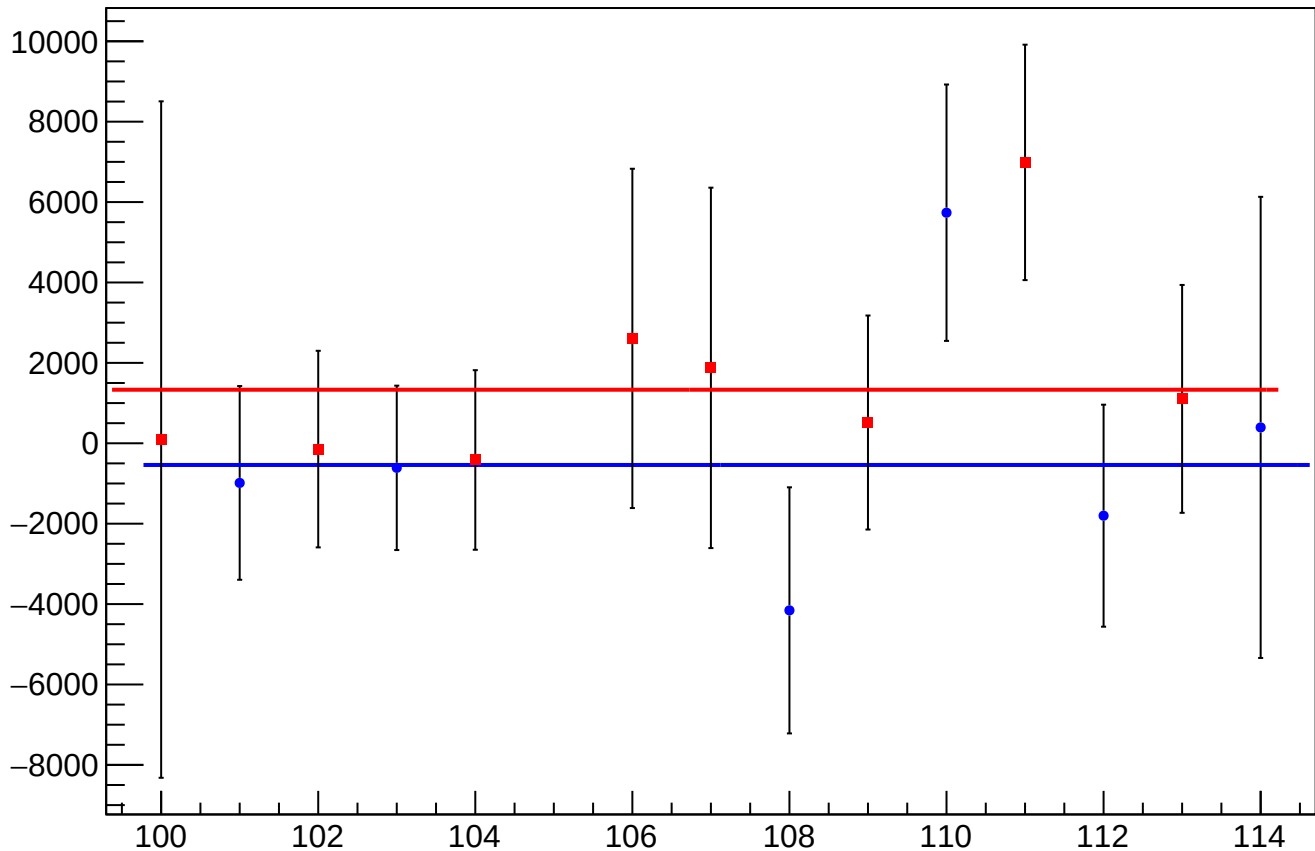
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3754929.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: -539.554+/-1133.647 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.116+/-1072.093 χ^2/NDF : 4.9/7

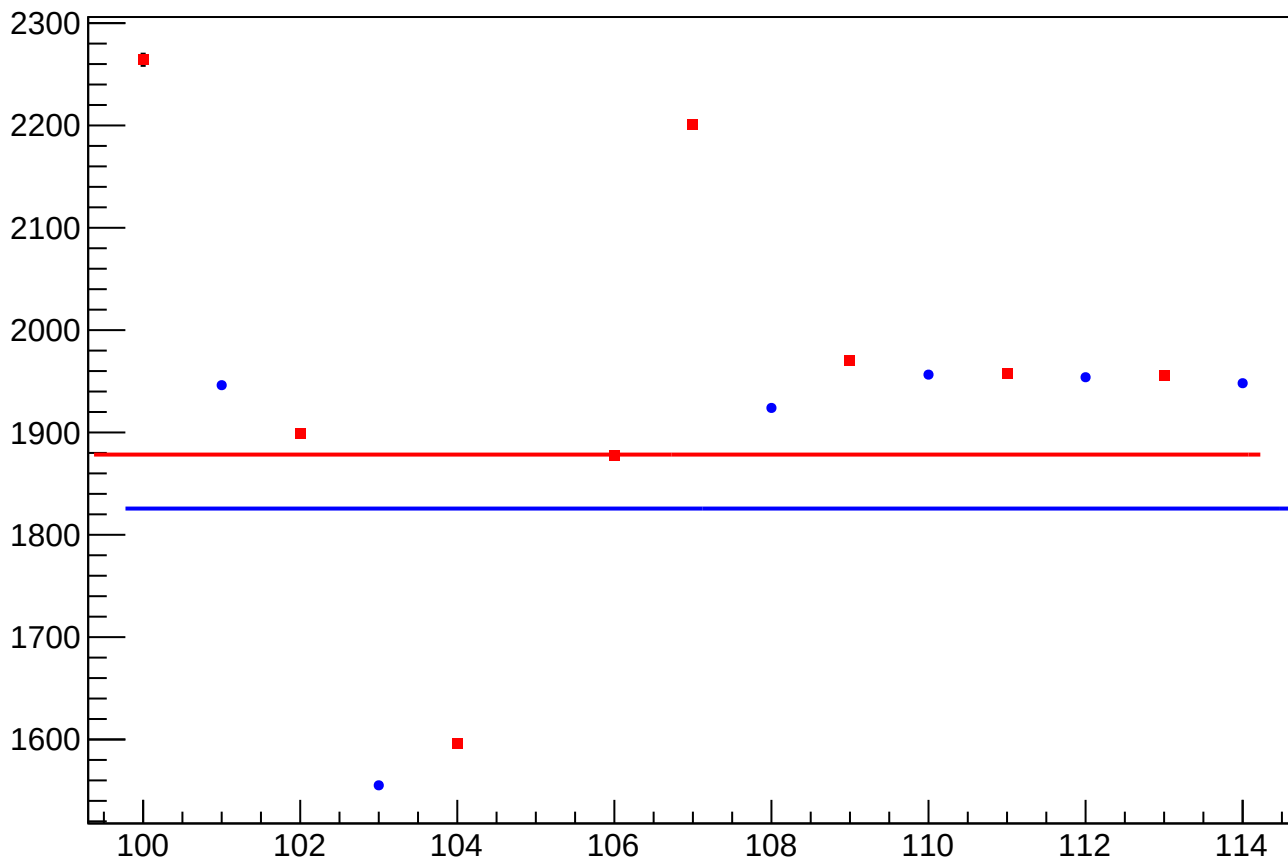
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.472+/-778.936 χ^2/NDF : 11.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1825.645 $\pm$ 0.802 χ^2 /NDF: 50665.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1878.385 $\pm$ 0.748 χ^2 /NDF: 52038.3/7

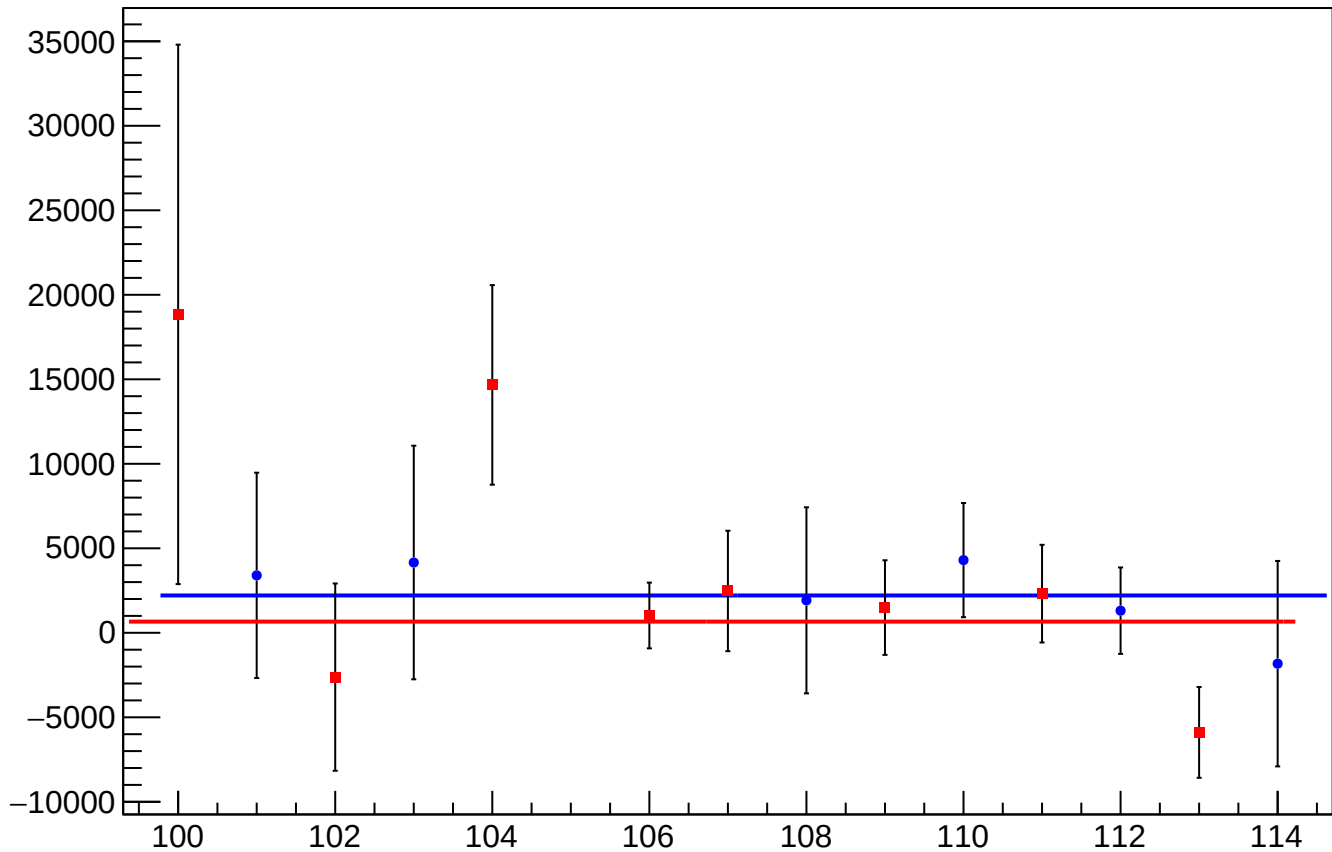
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1853.829 $\pm$ 0.547 χ^2 /NDF: 105017.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: 2208.812+/-1693.702 χ^2/NDF : 1.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.332+/-1122.024 χ^2/NDF : 13.9/7

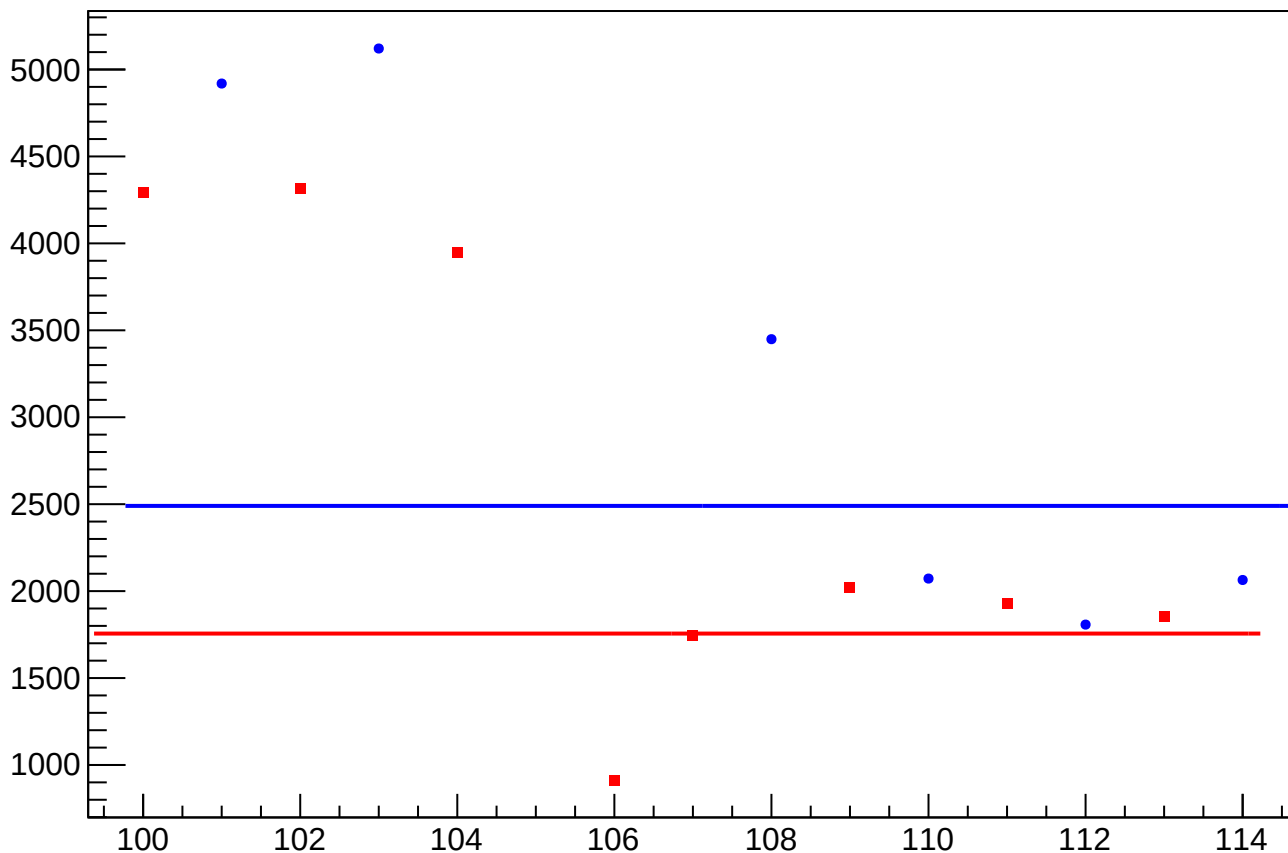
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.020+/-935.389 χ^2/NDF : 15.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2490.139 $\pm$ 1.198 χ^2 /NDF: 853183.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

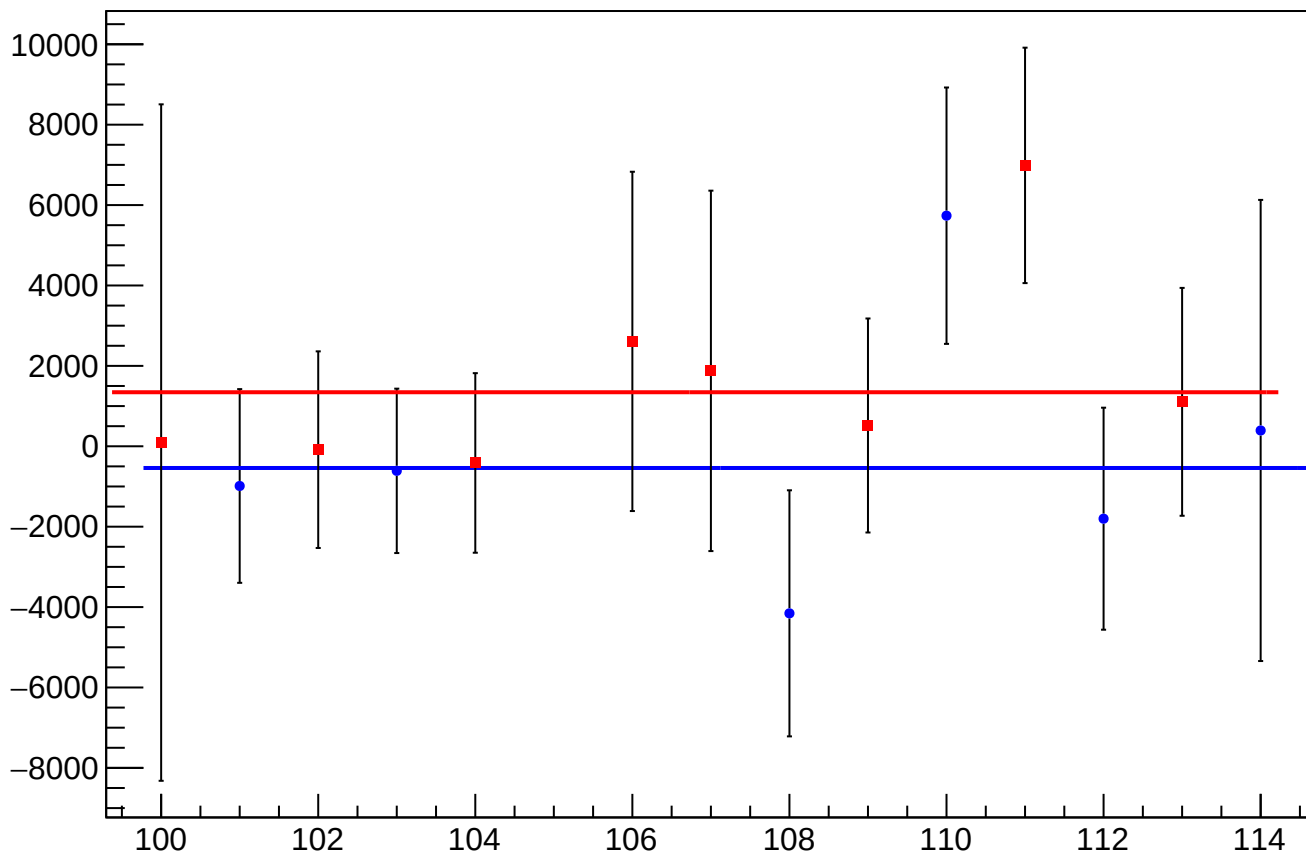
Right Out: 1755.824 $\pm$ 0.793 χ^2 /NDF: 1157747.4/7

All: 1979.796 $\pm$ 0.661 χ^2 /NDF: 2272207.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_mean vs Slug



Right In: -539.834+/-1133.648 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.306+/-1072.122 χ^2/NDF : 4.9/7

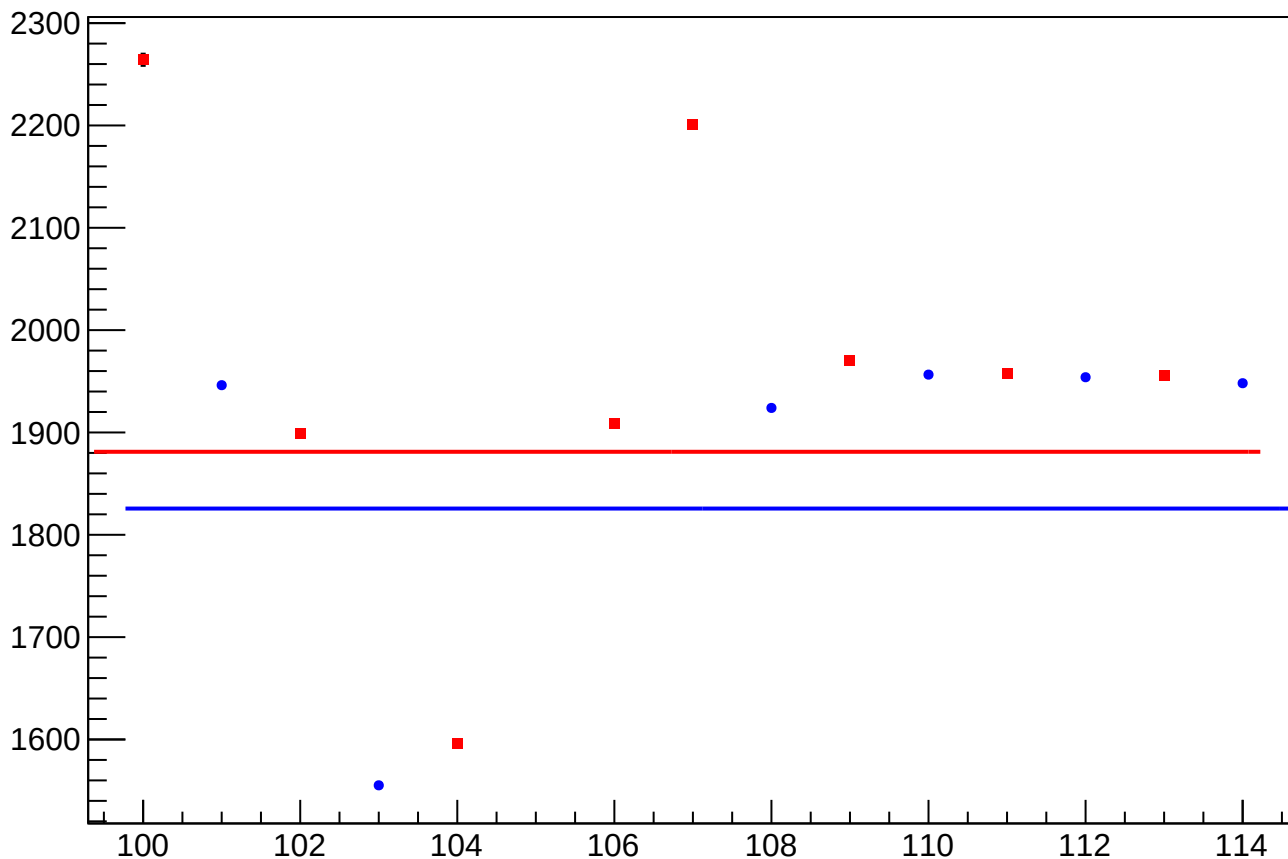
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.749+/-778.948 χ^2/NDF : 11.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1825.644 $\pm$ 0.802 χ^2 /NDF: 50665.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1881.118 $\pm$ 0.749 χ^2 /NDF: 52168.2/7

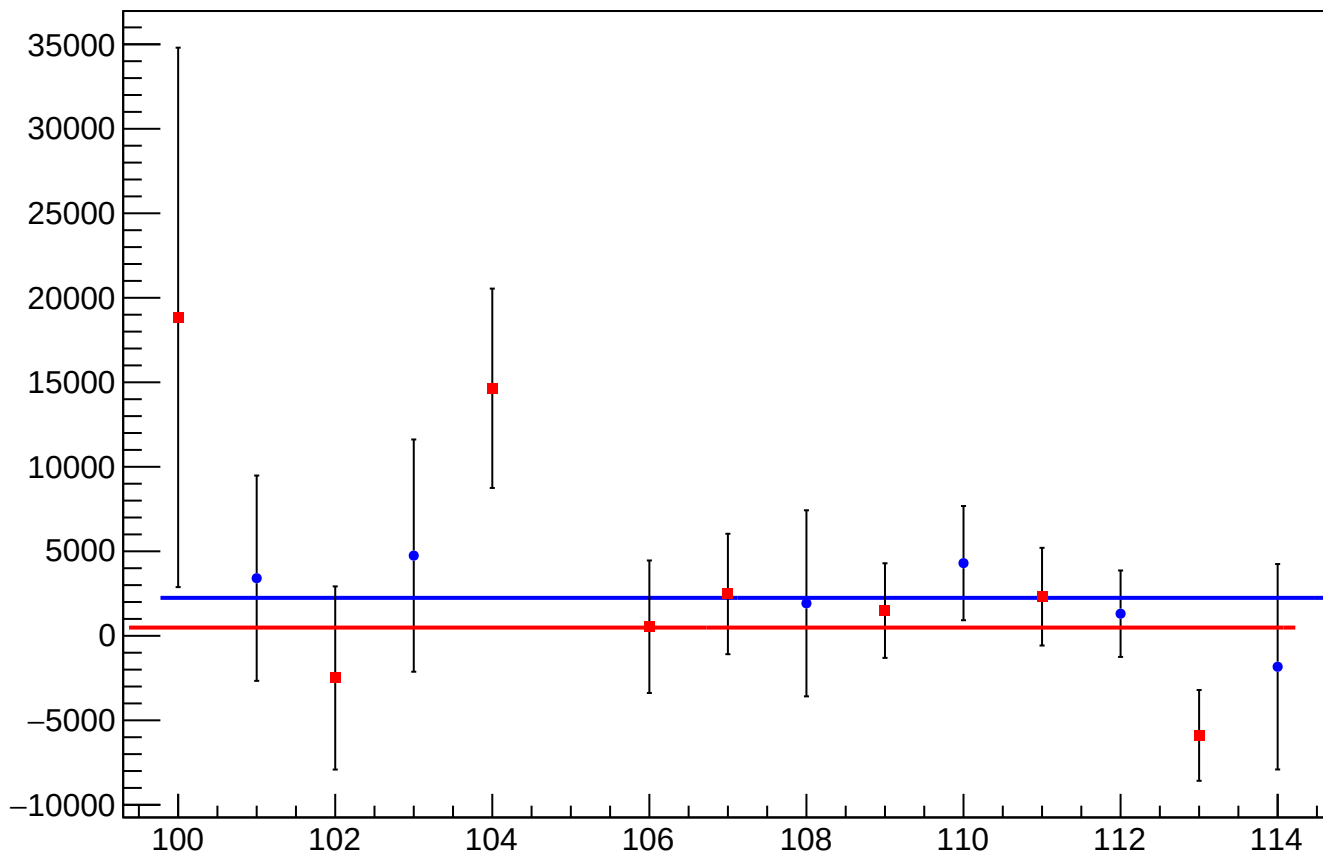
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1855.252 $\pm$ 0.547 χ^2 /NDF: 105390.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: 2246.413 $\pm$ 1693.053 χ^2 /NDF: 1.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 488.029 $\pm$ 1294.709 χ^2 /NDF: 13.9/7

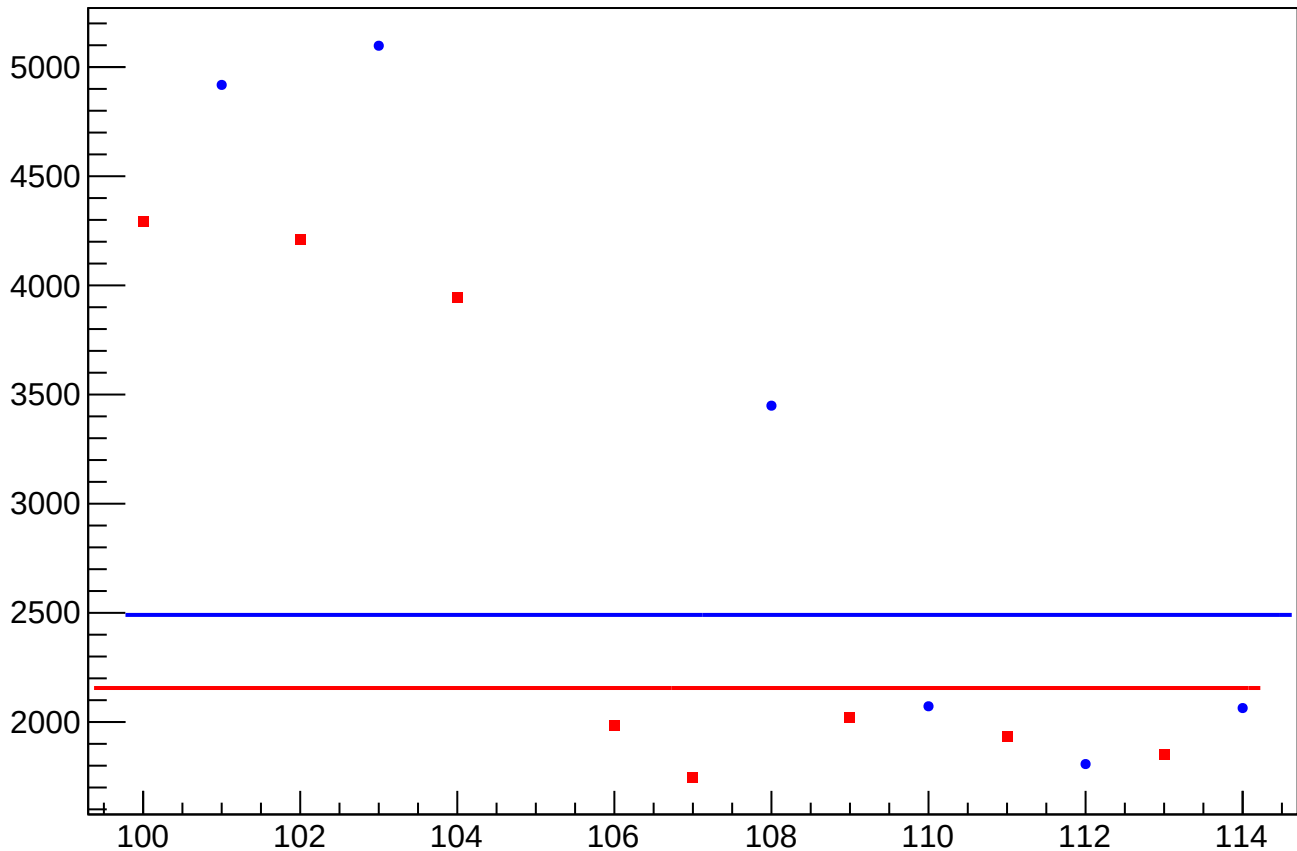
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1136.878 $\pm$ 1028.456 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



Right In: 2490.610 $\pm$ 1.197 χ^2 /NDF: 851448.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2155.767 $\pm$ 0.915 χ^2 /NDF: 579092.4/7

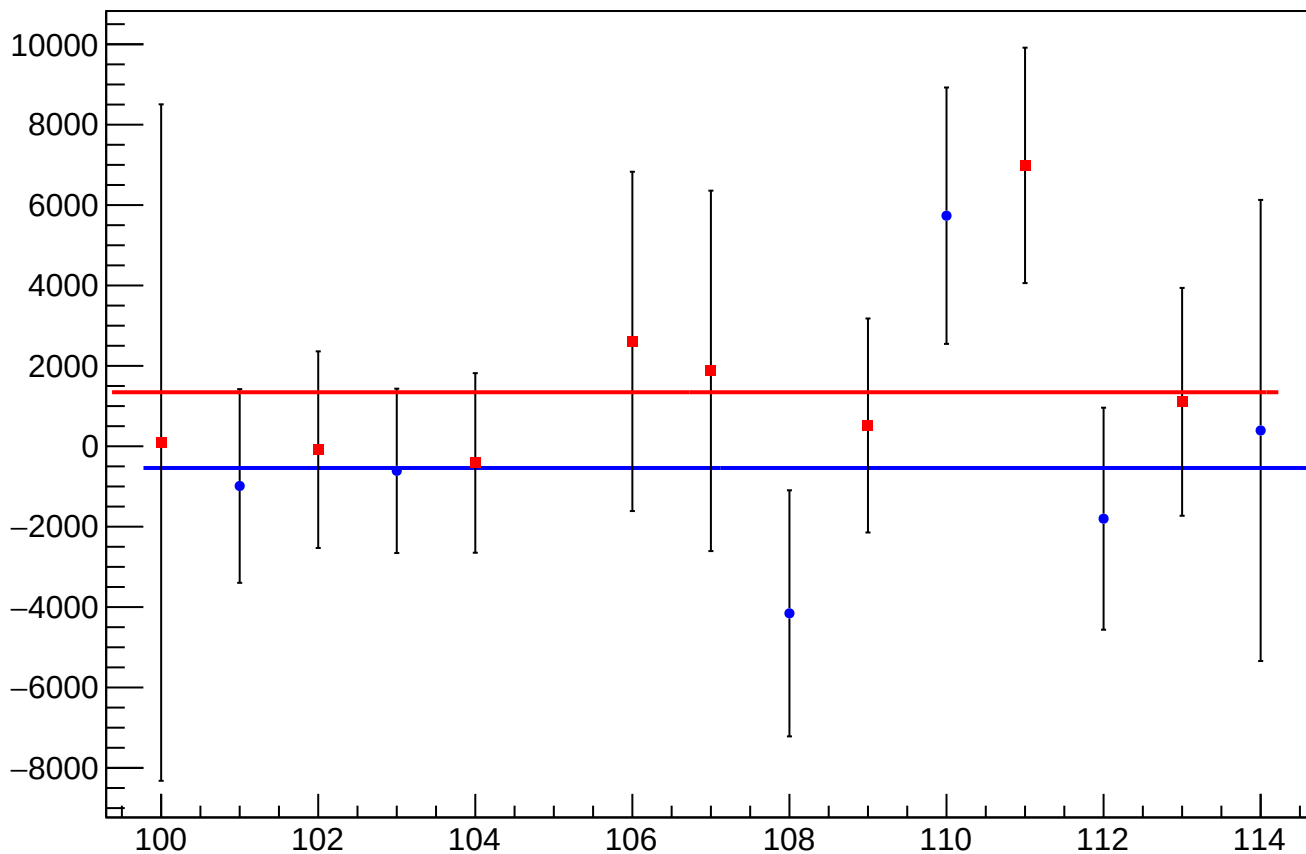
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2279.325 $\pm$ 0.727 χ^2 /NDF: 1479903.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



Right In: -539.834+/-1133.648 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.306+/-1072.122 χ^2/NDF : 4.9/7

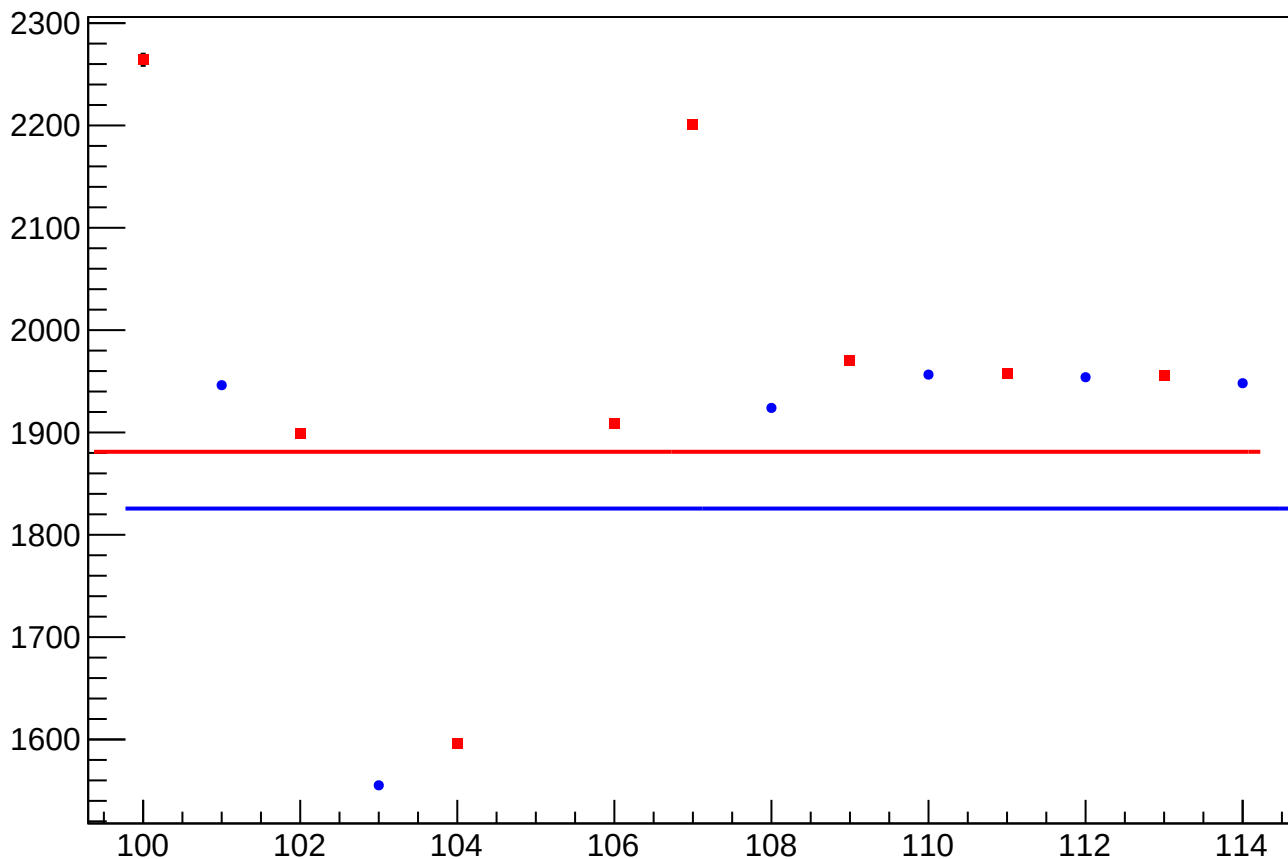
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.749+/-778.948 χ^2/NDF : 11.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1825.644+/-0.802 χ^2/NDF : 50665.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.118+/-0.749 χ^2/NDF : 52168.2/7

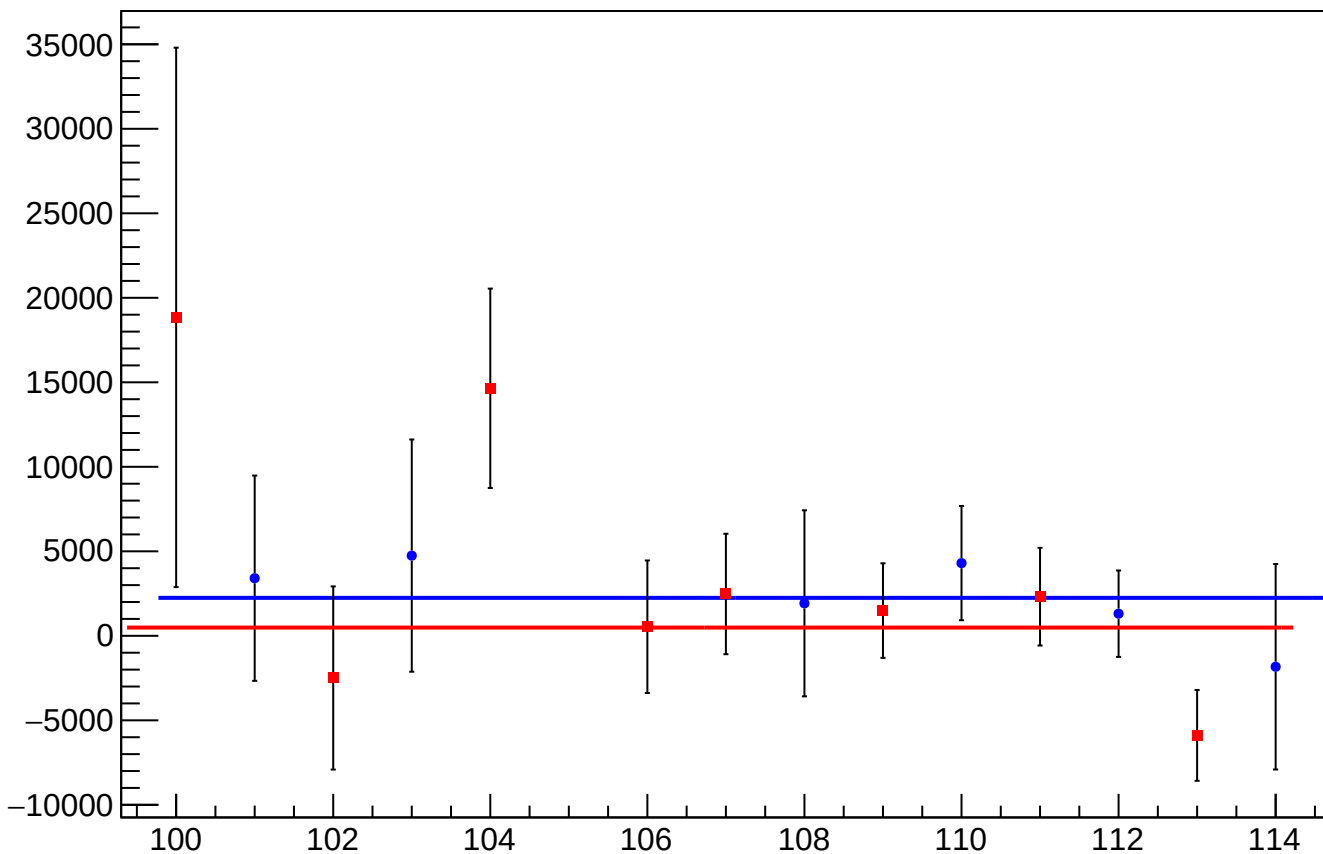
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.252+/-0.547 χ^2/NDF : 105390.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_mean vs Slug



Right In: 2246.413+/-1693.053 χ^2/NDF : 1.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.029+/-1294.709 χ^2/NDF : 13.9/7

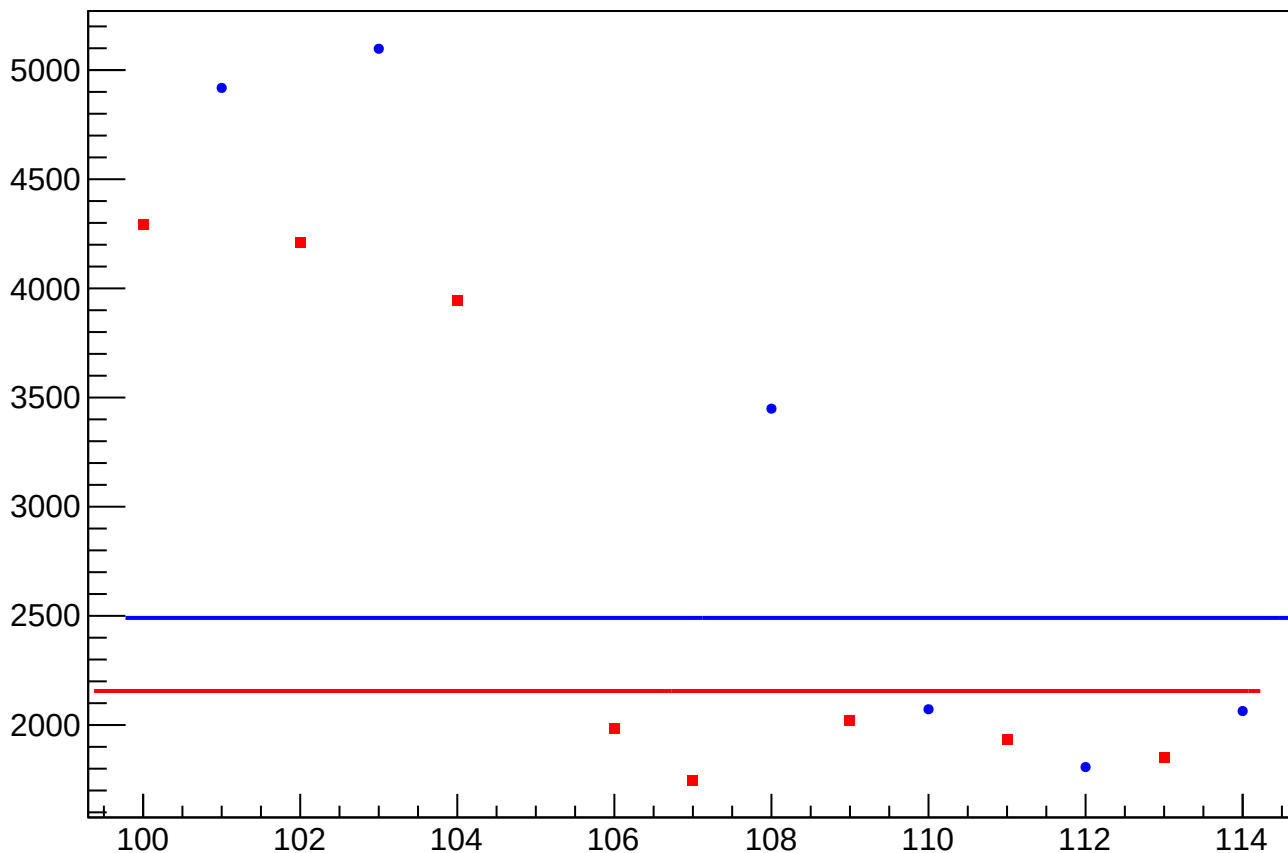
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.878+/-1028.456 χ^2/NDF : 15.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 2490.610+/-1.197 χ^2/NDF : 851448.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.767+/-0.915 χ^2/NDF : 579092.4/7

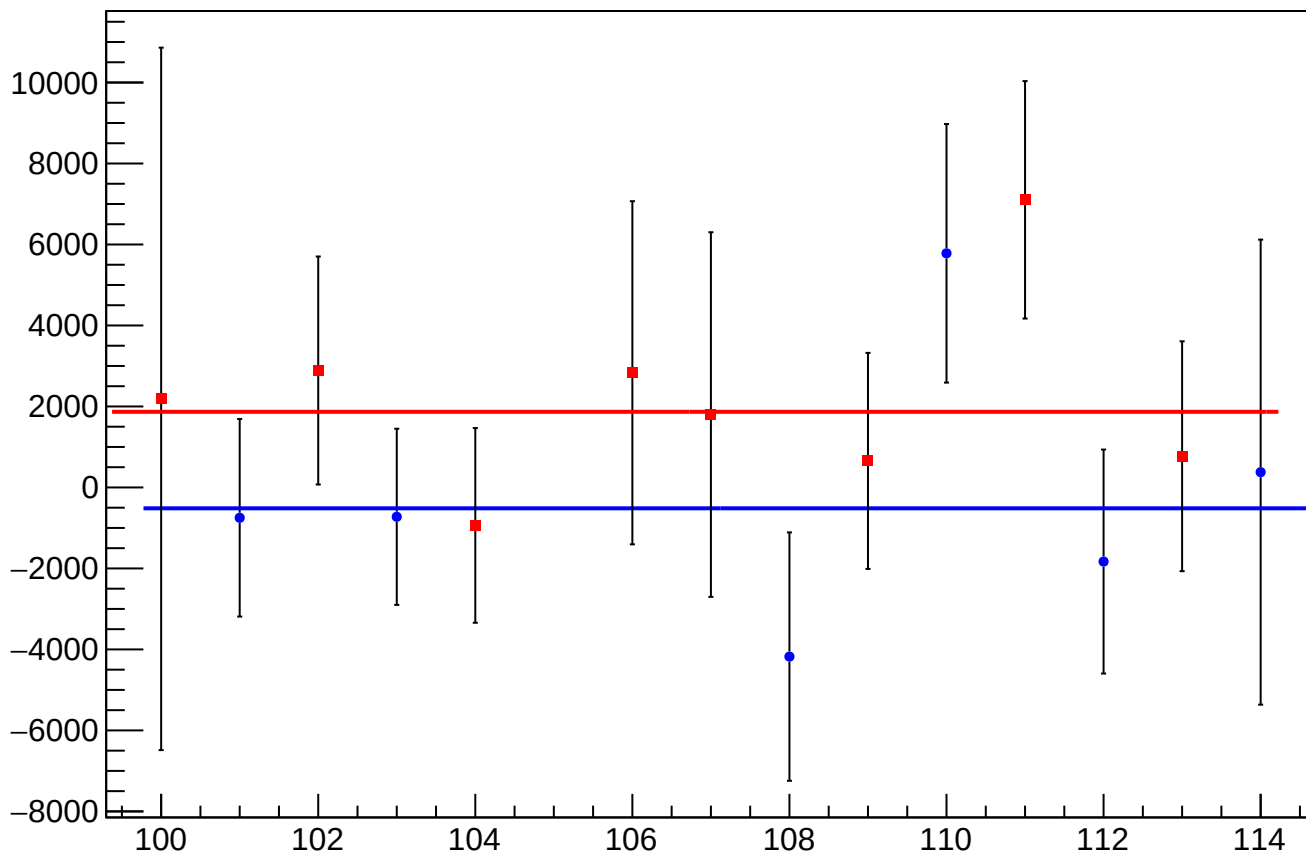
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2279.325+/-0.727 χ^2/NDF : 1479903.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_mean vs Slug



Right In: -515.186+/-1158.738 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.383+/-1119.151 χ^2/NDF : 5.1/7

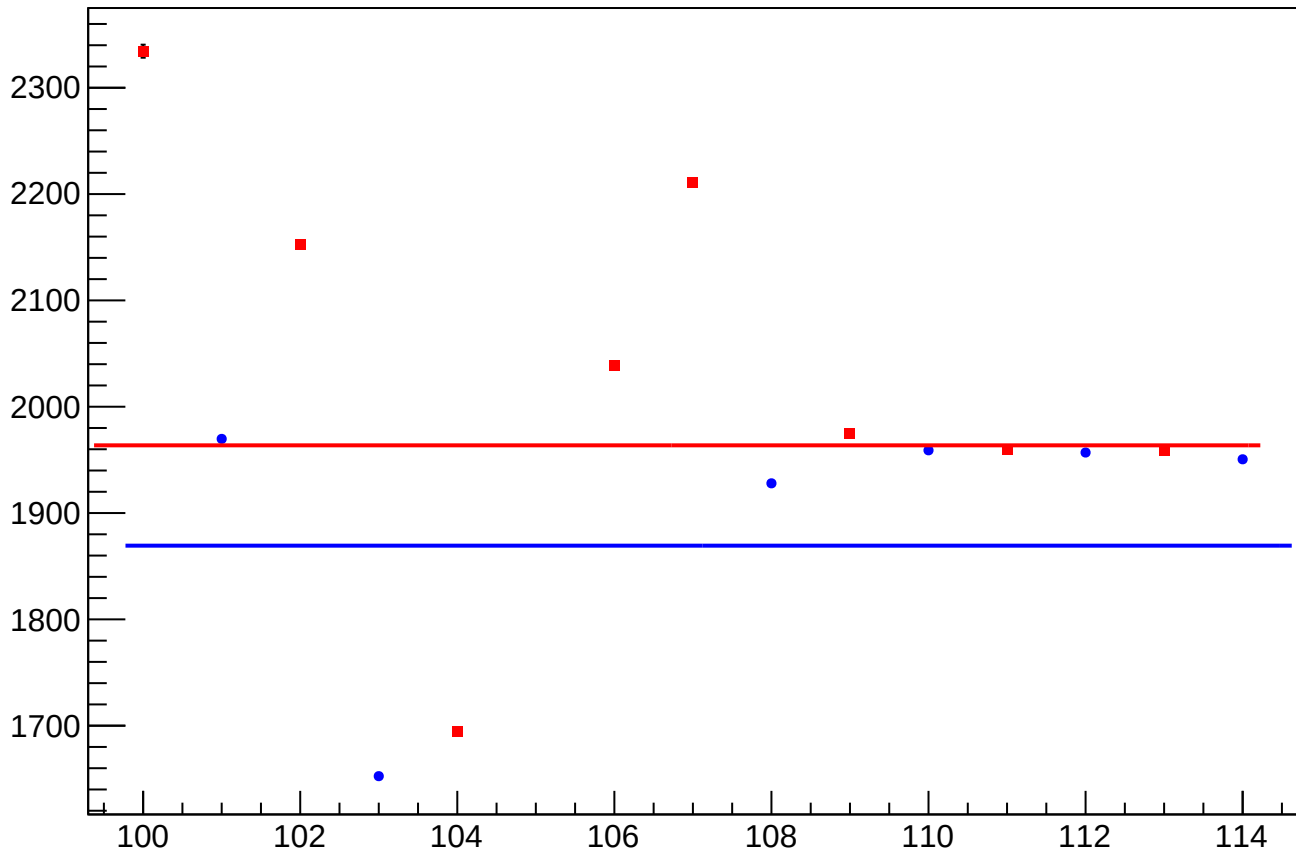
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.009+/-804.991 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1869.322+/-0.819 χ^2/NDF : 27969.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1963.682+/-0.786 χ^2/NDF : 44441.3/7

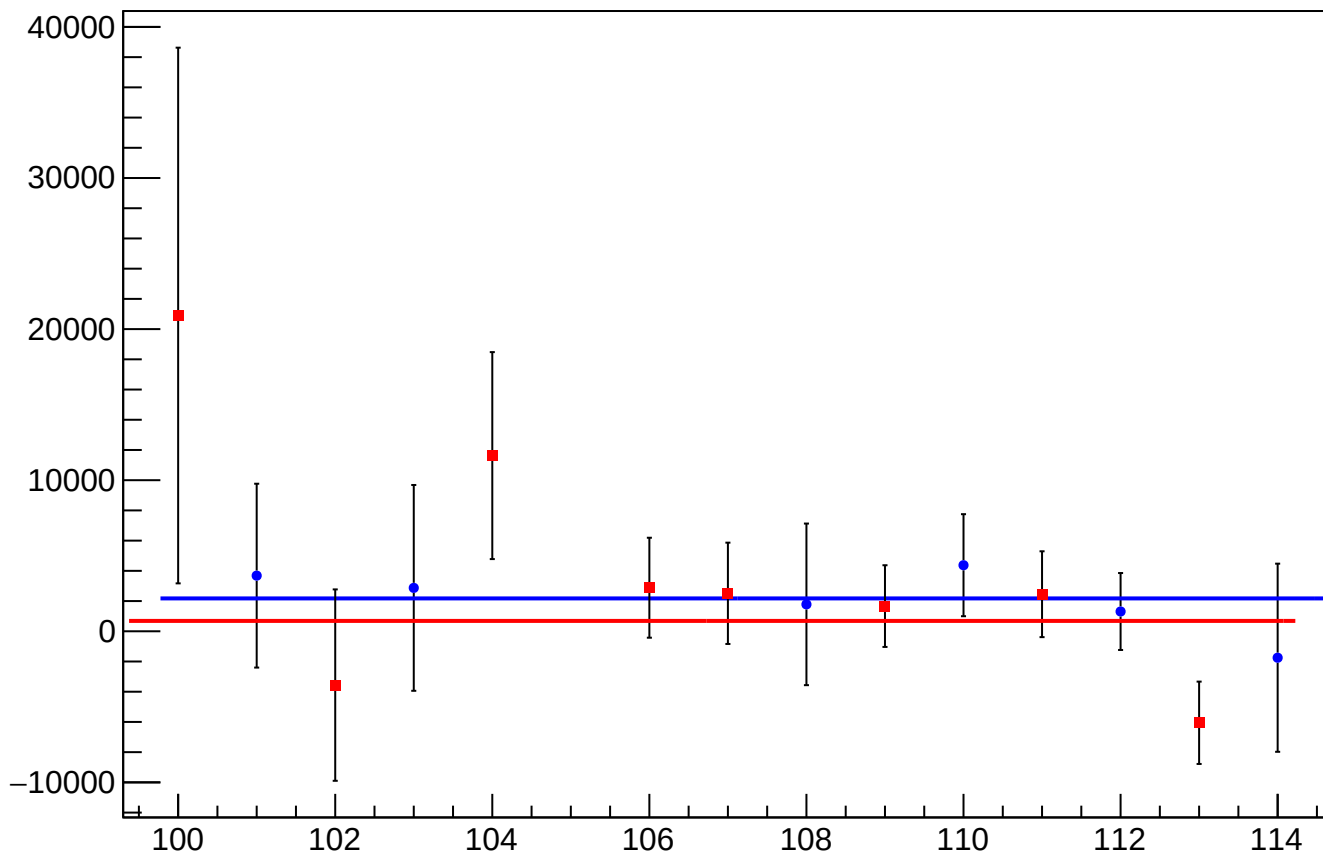
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.468+/-0.567 χ^2/NDF : 79318.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: 2174.912+/-1687.280 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.367+/-1264.725 χ^2/NDF : 11.7/7

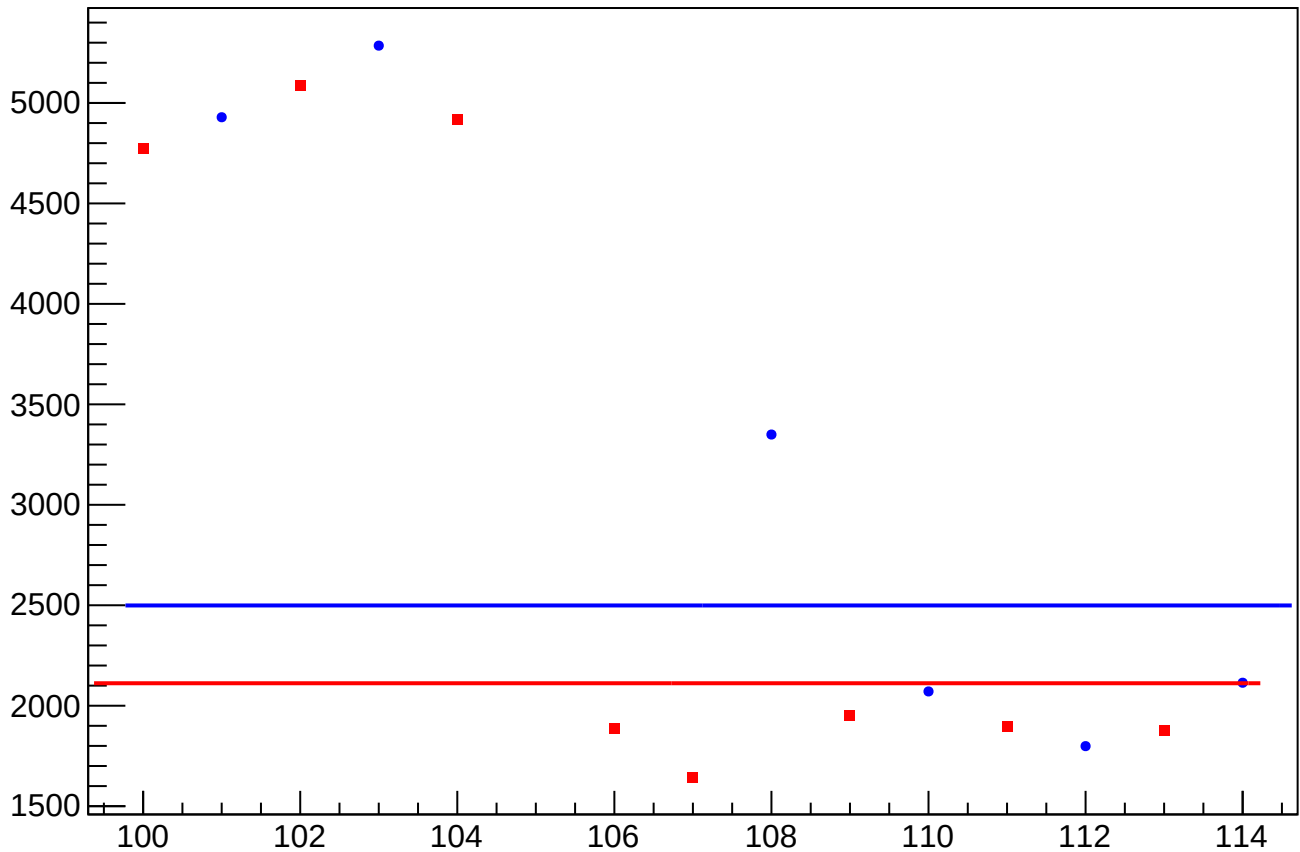
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1221.845+/-1011.992 χ^2/NDF : 13.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2499.027+/-1.193 χ^2/NDF : 895270.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2111.865+/-0.894 χ^2/NDF : 903572.2/7

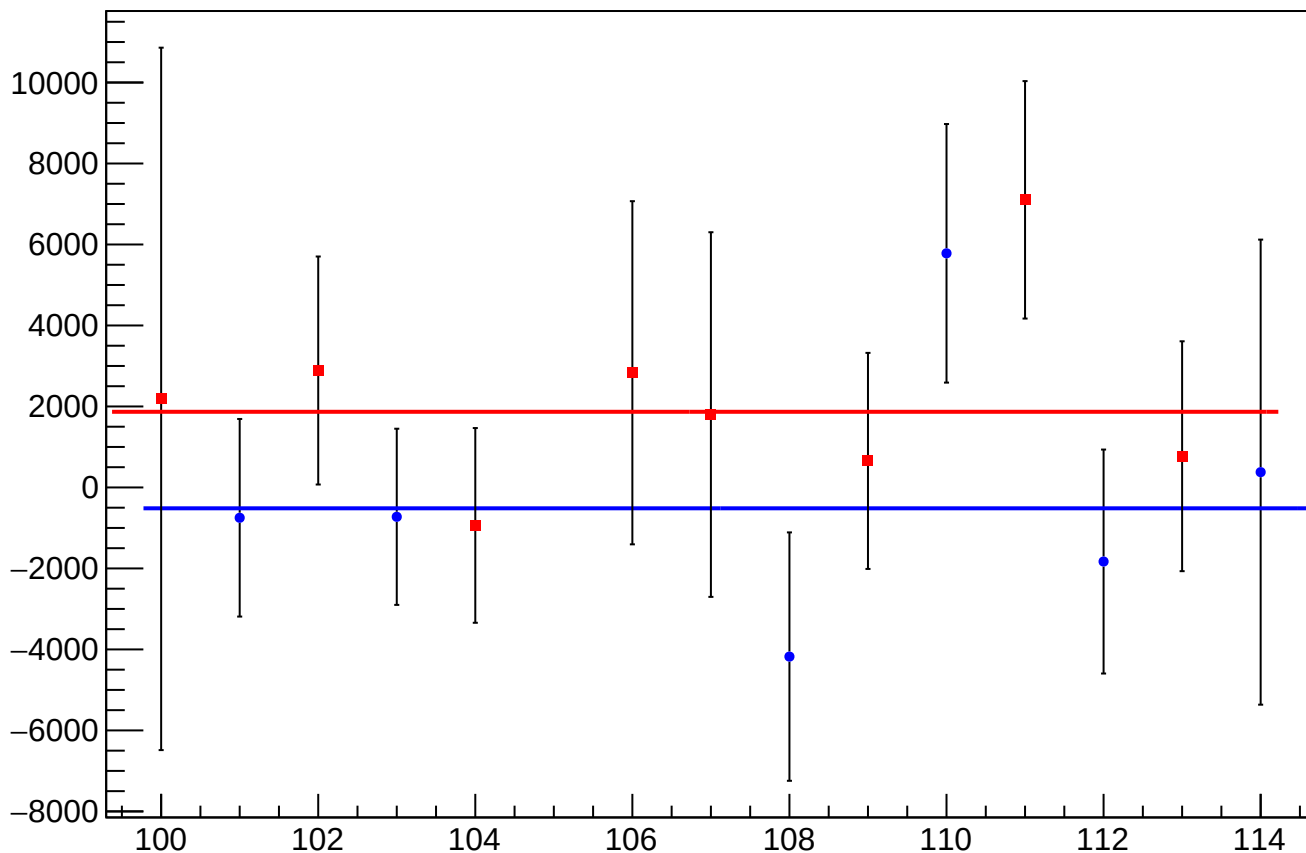
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2251.140+/-0.716 χ^2/NDF : 1866264.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_mean vs Slug



Right In: -515.195+/-1158.737 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.392+/-1119.151 χ^2/NDF : 5.1/7

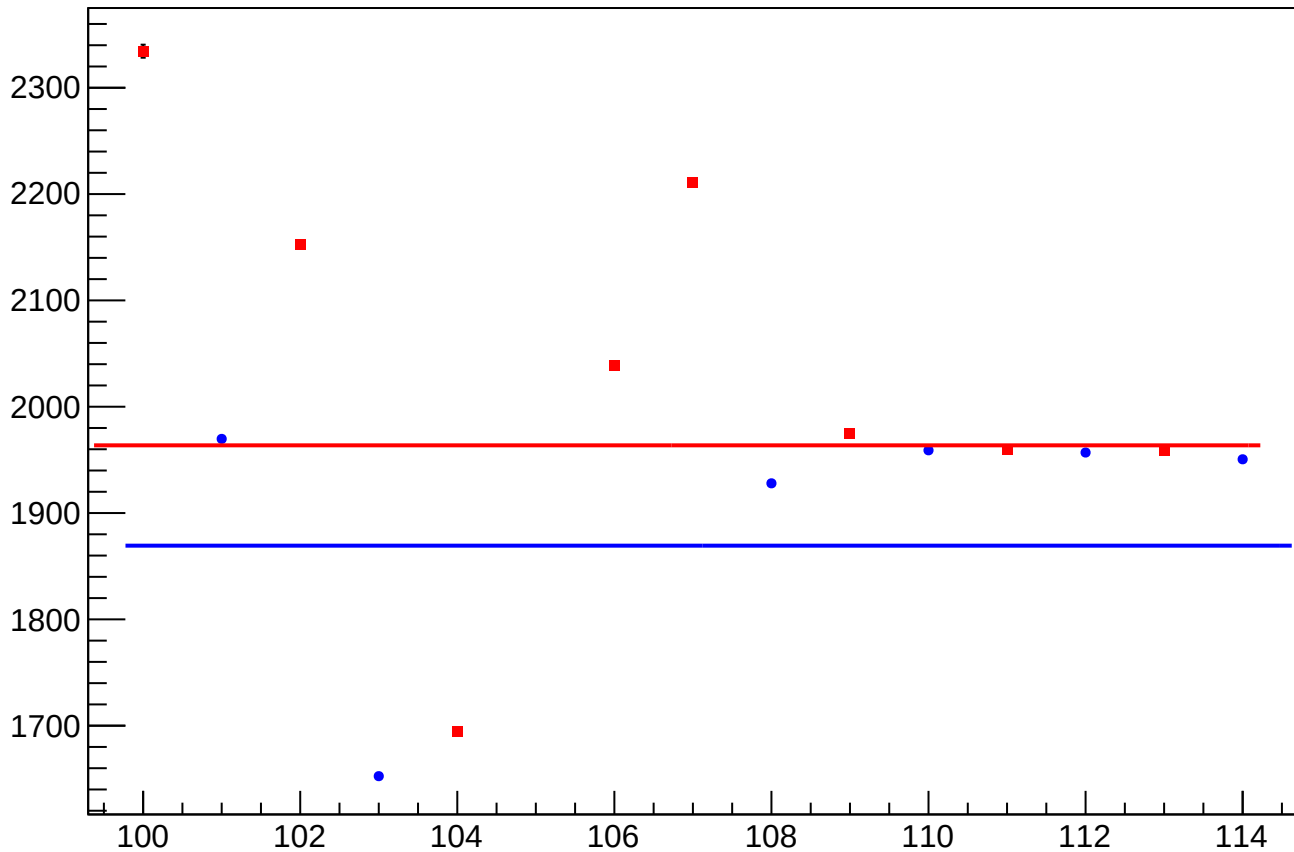
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.009+/-804.990 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1869.322+/-0.819 χ^2/NDF : 27969.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1963.681+/-0.786 χ^2/NDF : 44441.3/7

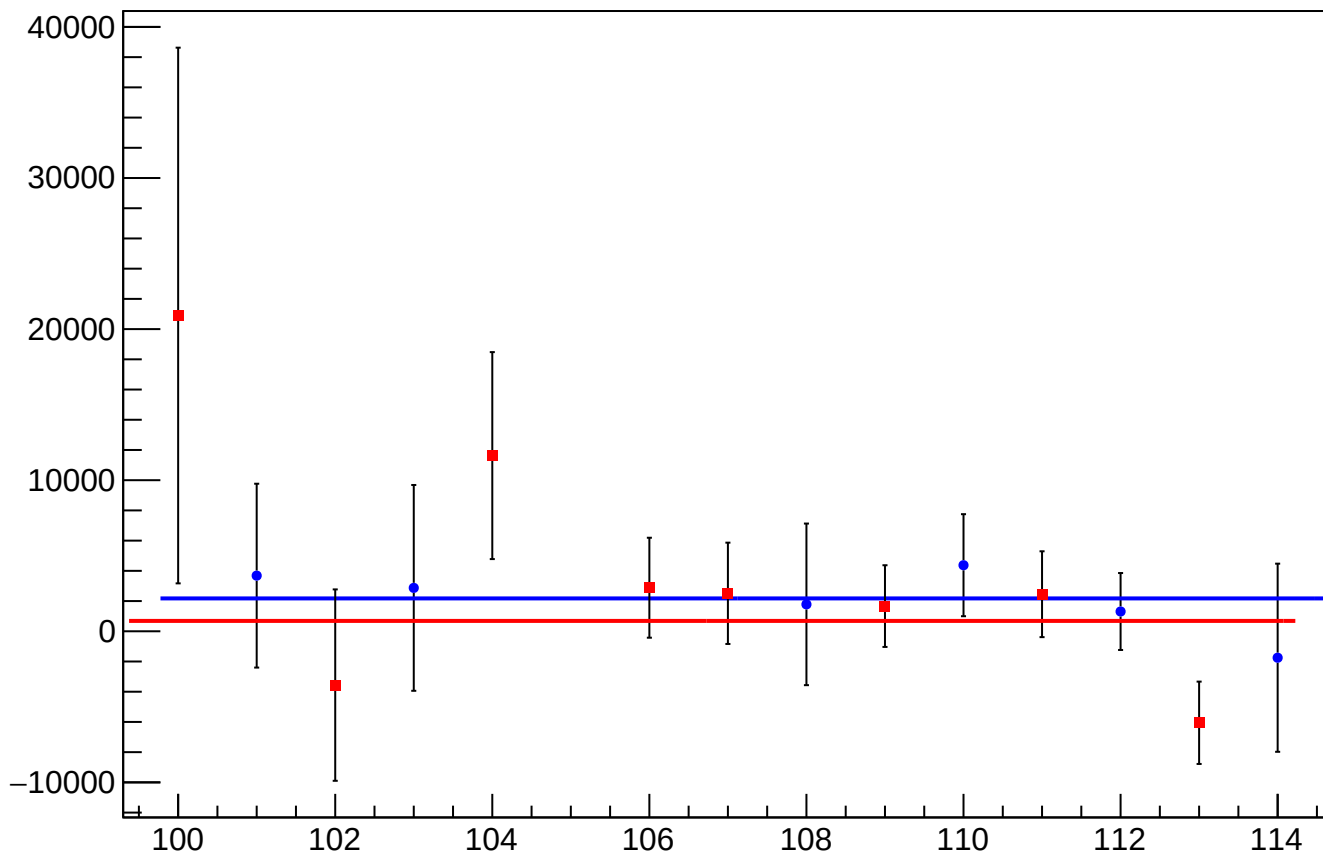
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.468+/-0.567 χ^2/NDF : 79318.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: 2174.899+/-1687.273 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.366+/-1264.721 χ^2/NDF : 11.7/7

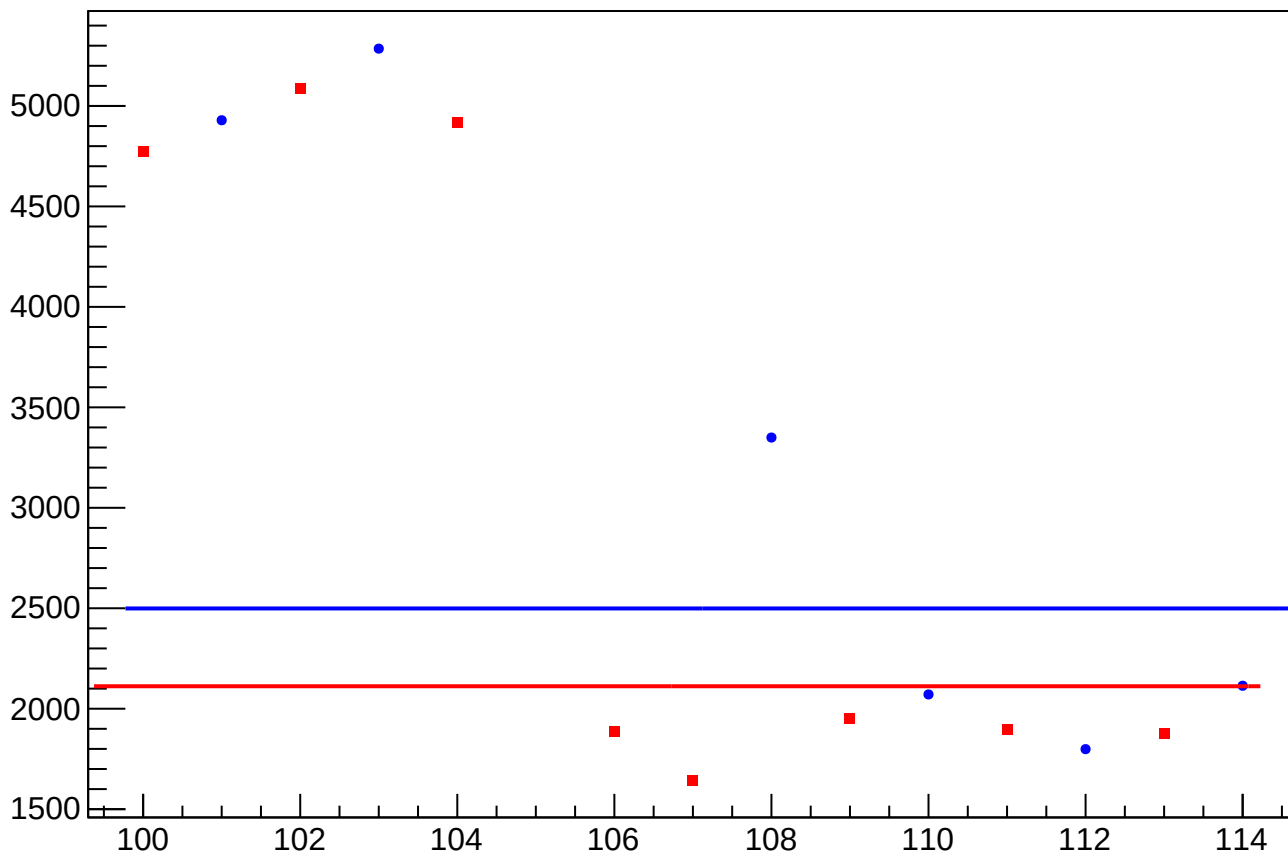
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1221.840+/-1011.988 χ^2/NDF : 13.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2499.016 $\pm$ 1.193 χ^2 /NDF: 895275.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

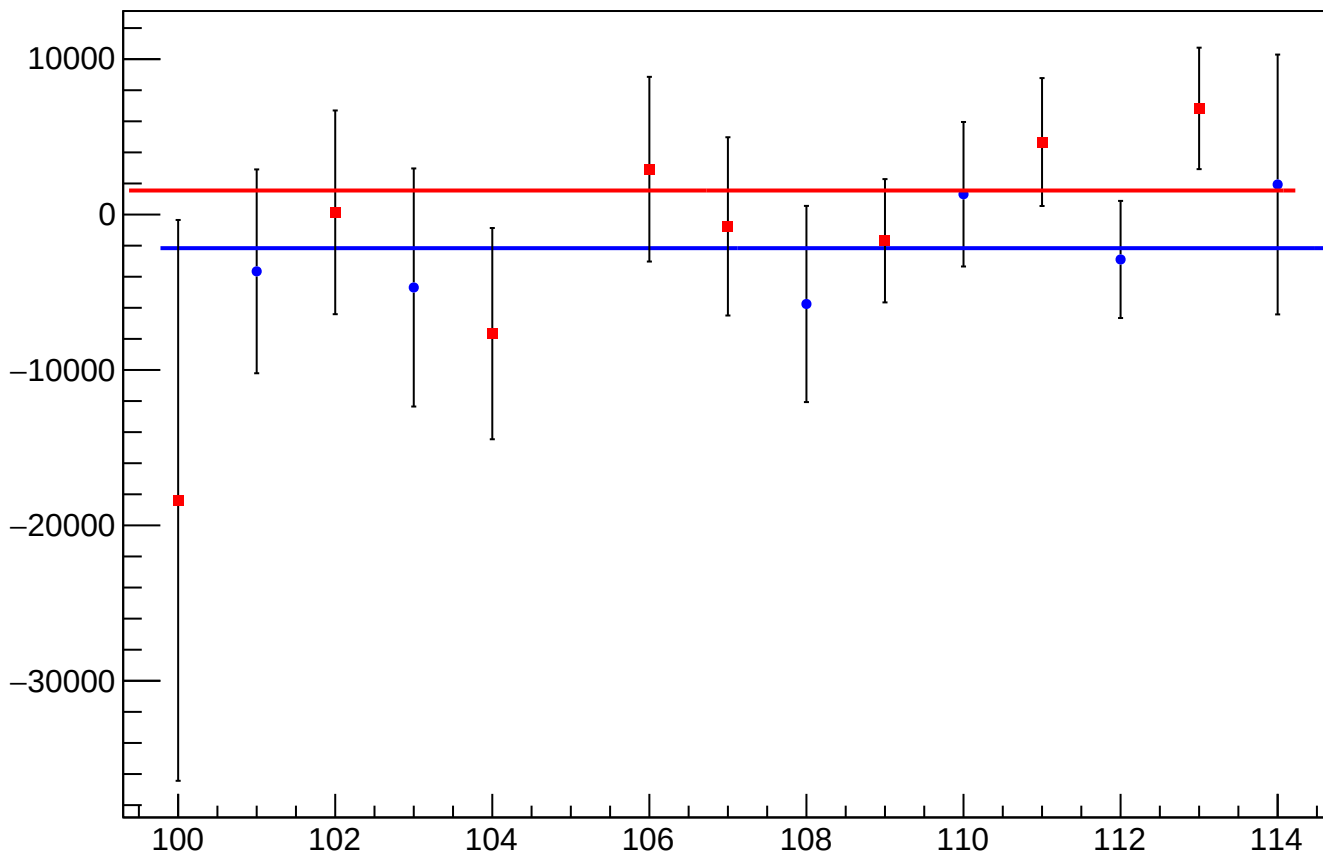
Right Out: 2111.858 $\pm$ 0.894 χ^2 /NDF: 903577.2/7

All: 2251.132 $\pm$ 0.716 χ^2 /NDF: 1866273.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_mean vs Slug



Right In: -2162.202 $\pm$ 2256.510 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1548.131 $\pm$ 1841.819 χ^2 /NDF: 6.4/7

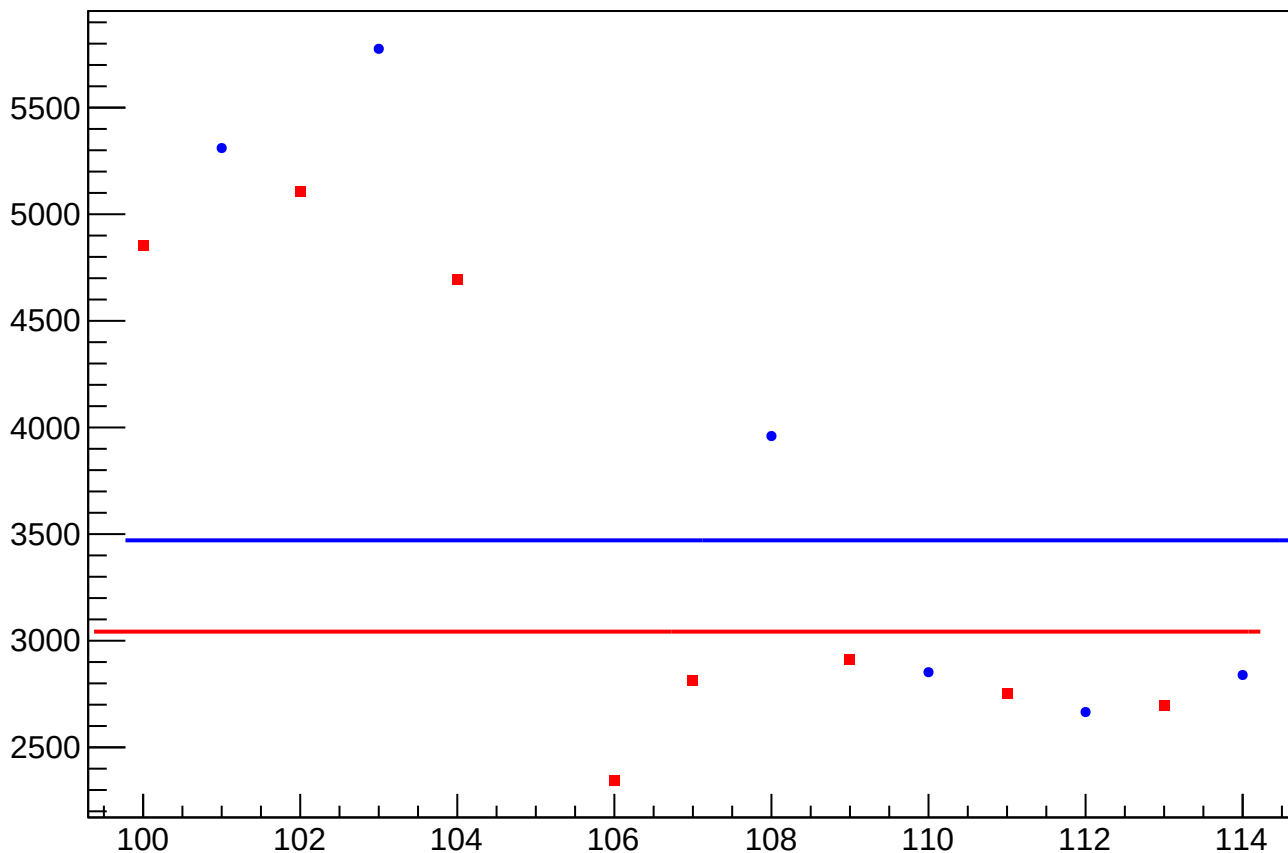
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.592 $\pm$ 1426.857 χ^2 /NDF: 9.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_rms vs Slug



Right In: 3470.703 $\pm$ 1.596 χ^2 /NDF: 488569.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3042.622 $\pm$ 1.259 χ^2 /NDF: 415508.4/7

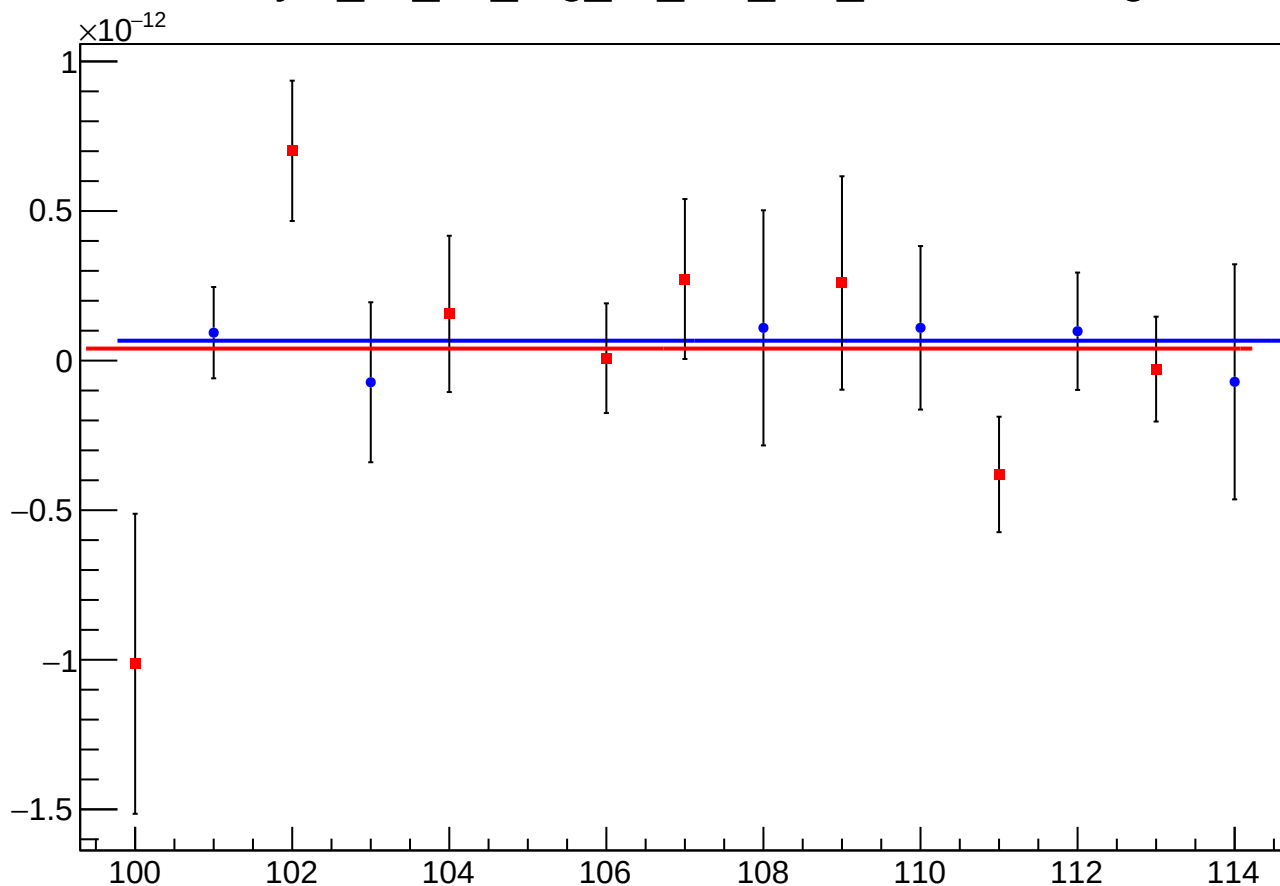
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3206.865 $\pm$ 0.988 χ^2 /NDF: 948441.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/7

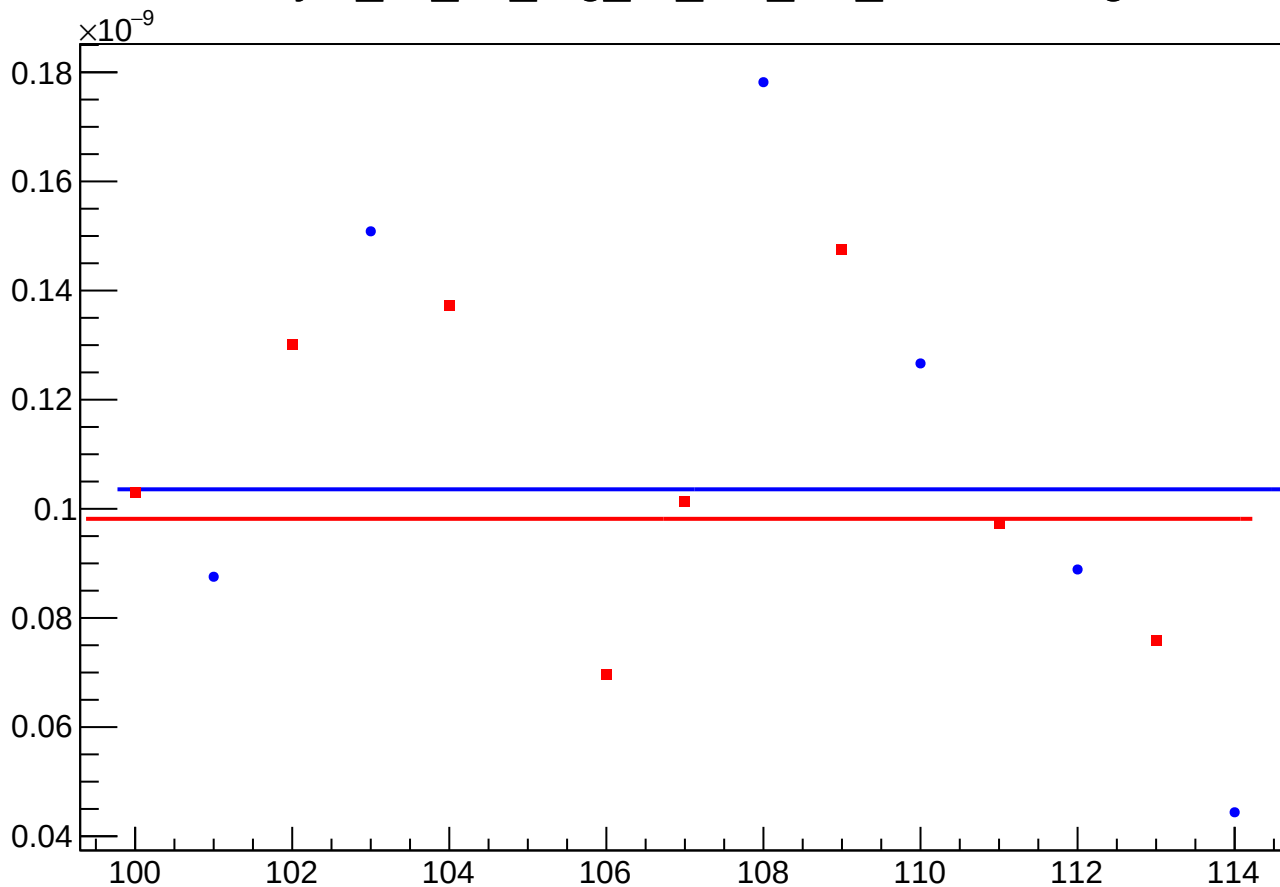
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 227525.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 201562.0/7

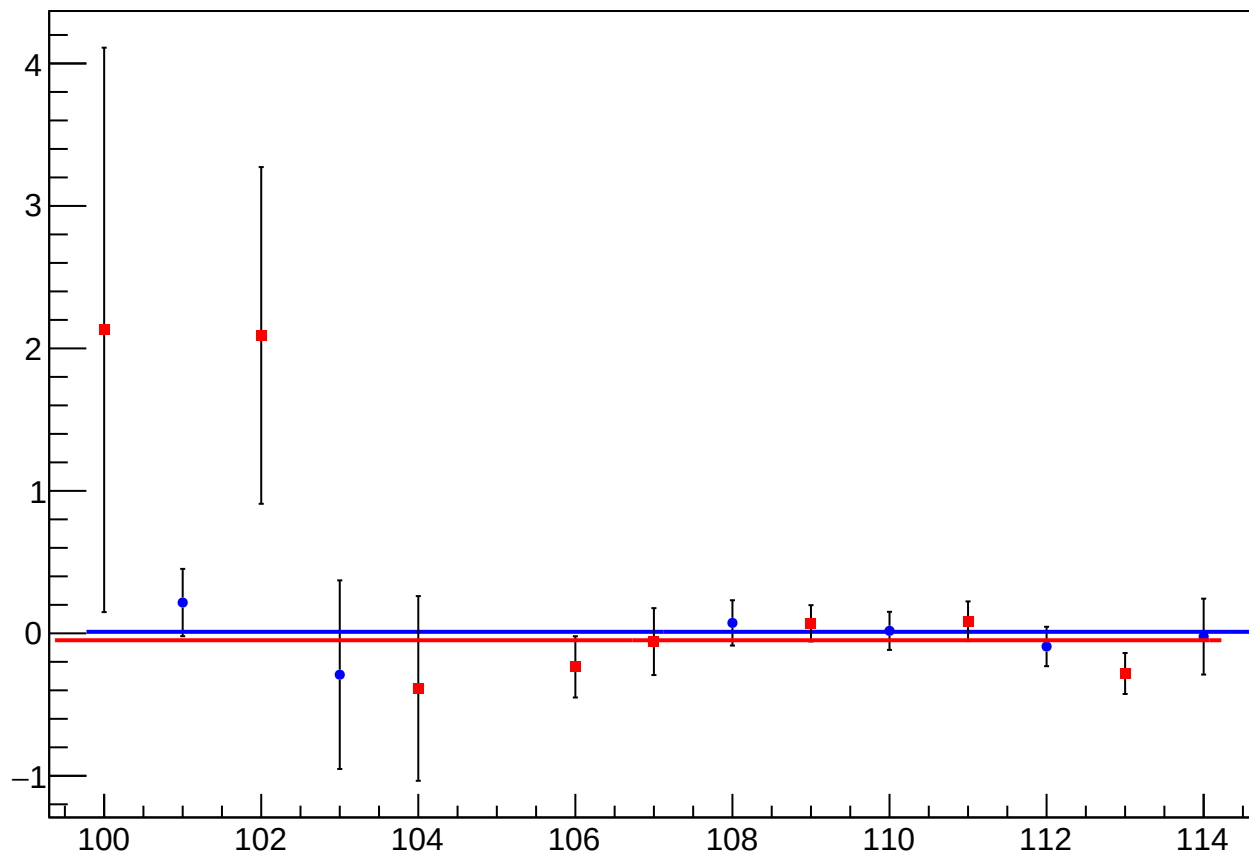
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 432764.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.074 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.048 $\pm$ 0.070 χ^2 /NDF: 9.9/7

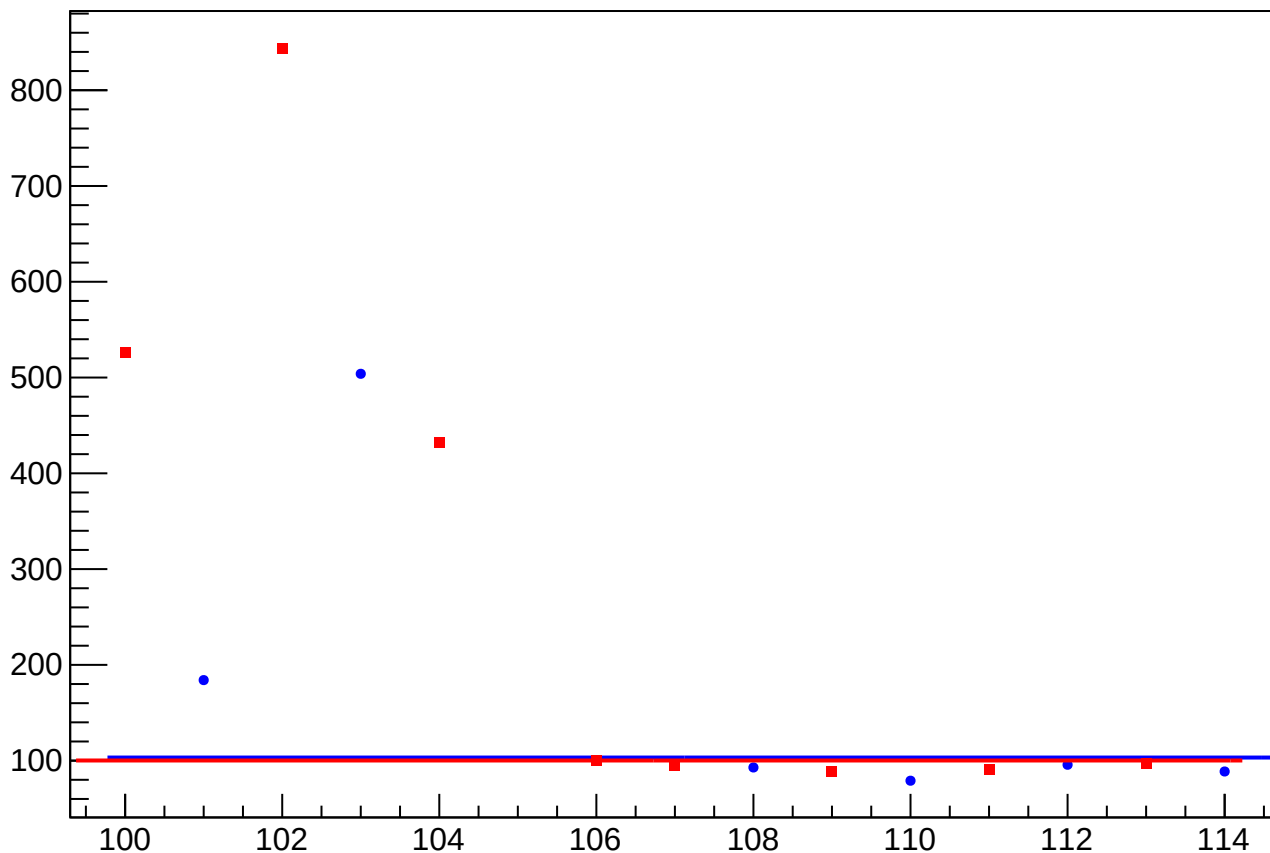
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.051 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 103.240+/-0.052 χ^2/NDF : 1052692.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.165+/-0.049 χ^2/NDF : 1436088.8/7

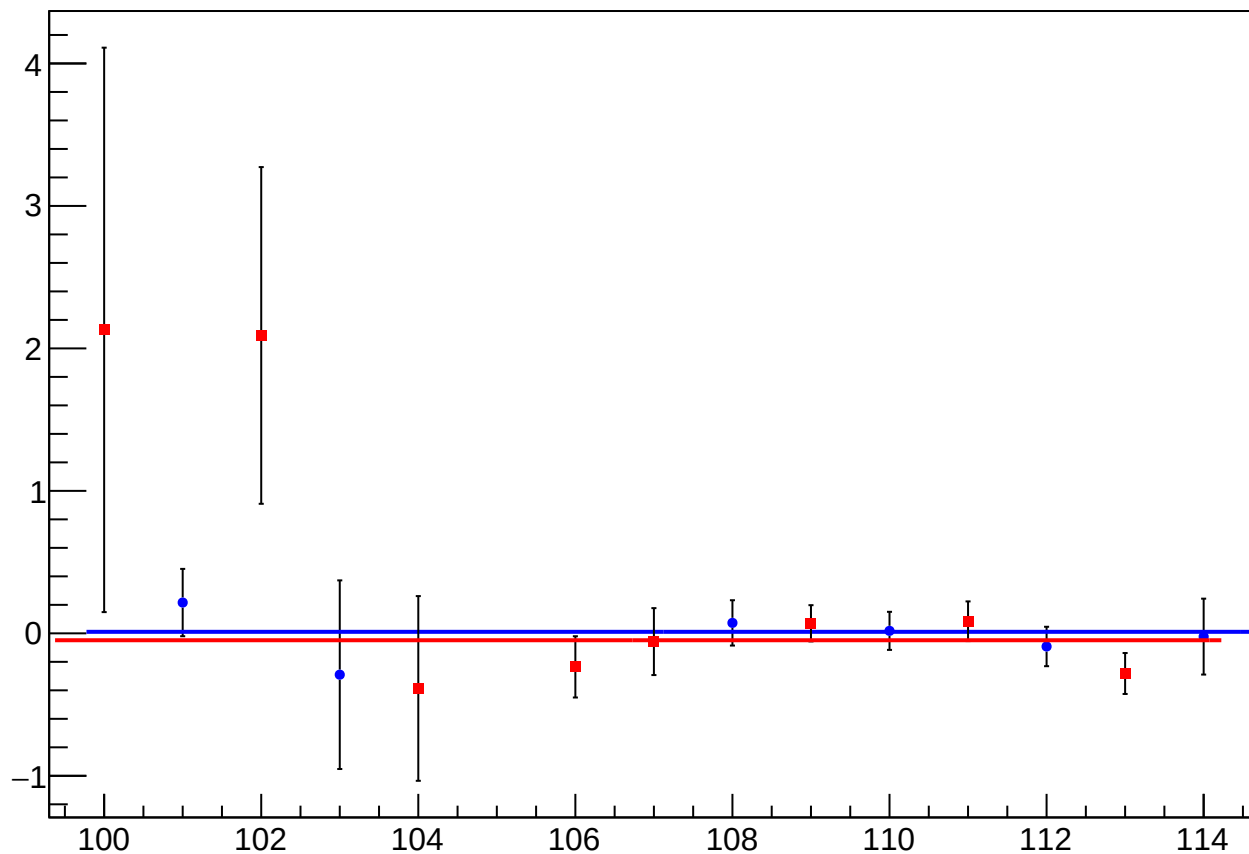
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.611+/-0.036 χ^2/NDF : 2490604.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.074 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.048 $\pm$ 0.070 χ^2 /NDF: 9.9/7

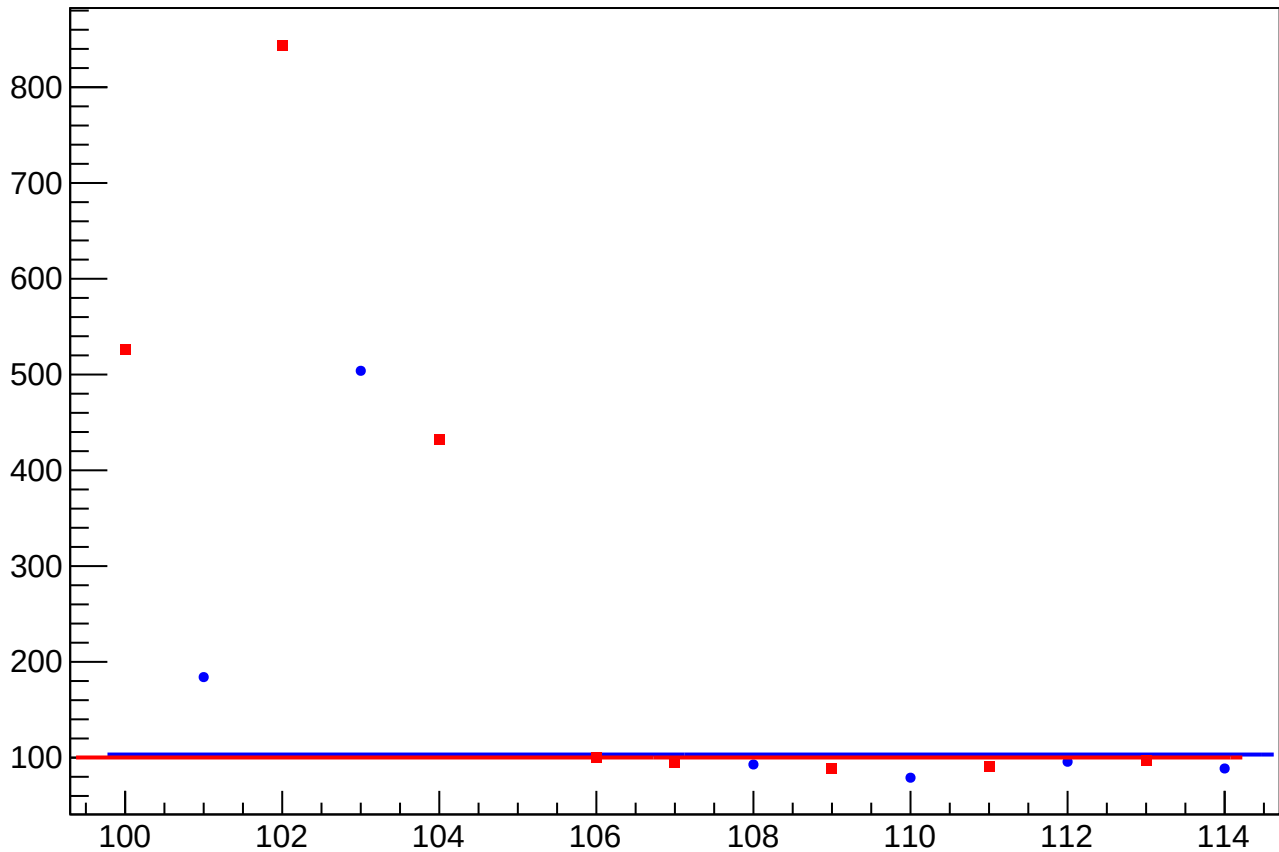
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.051 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 103.240+/-0.052 χ^2/NDF : 1052692.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.165+/-0.049 χ^2/NDF : 1436088.8/7

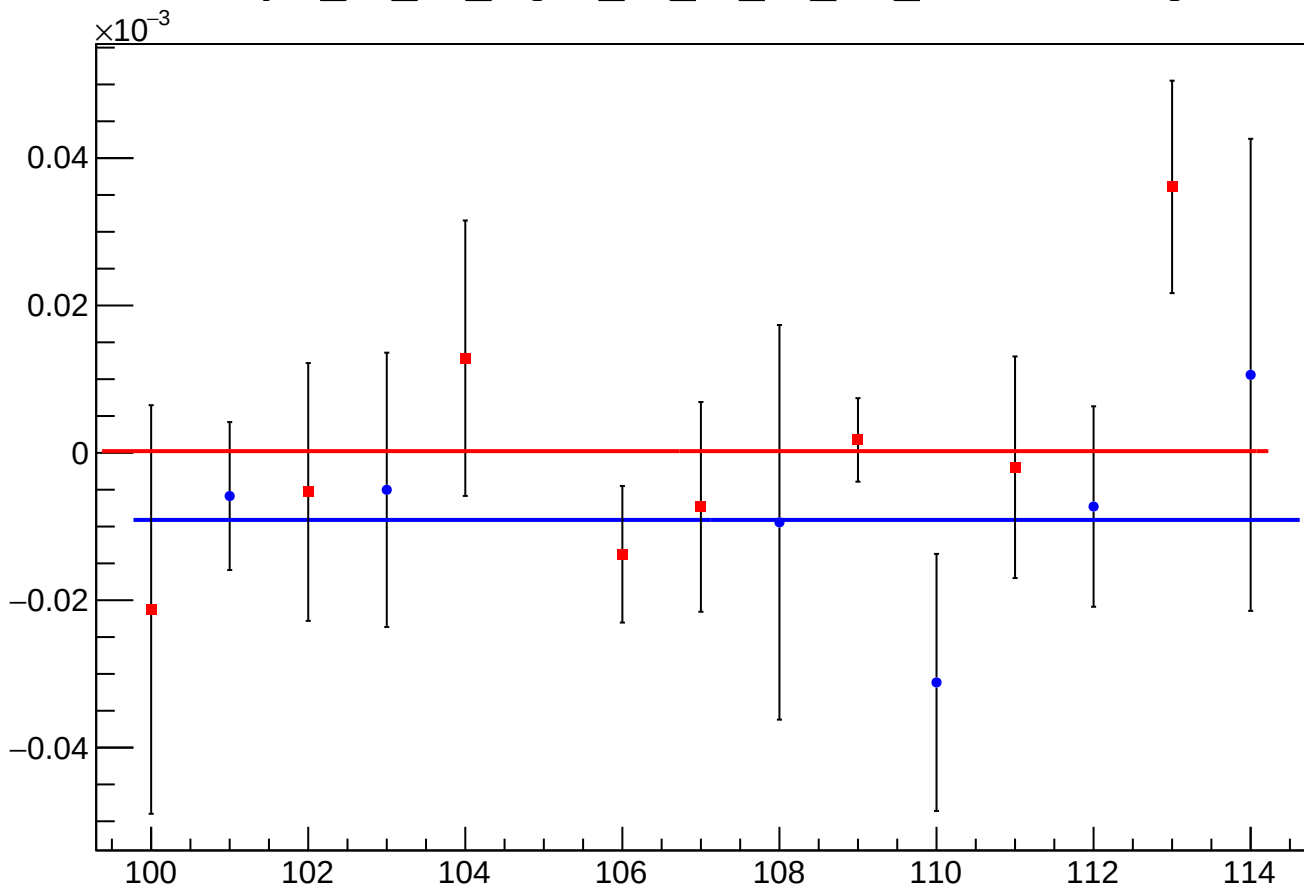
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.611+/-0.036 χ^2/NDF : 2490604.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/7

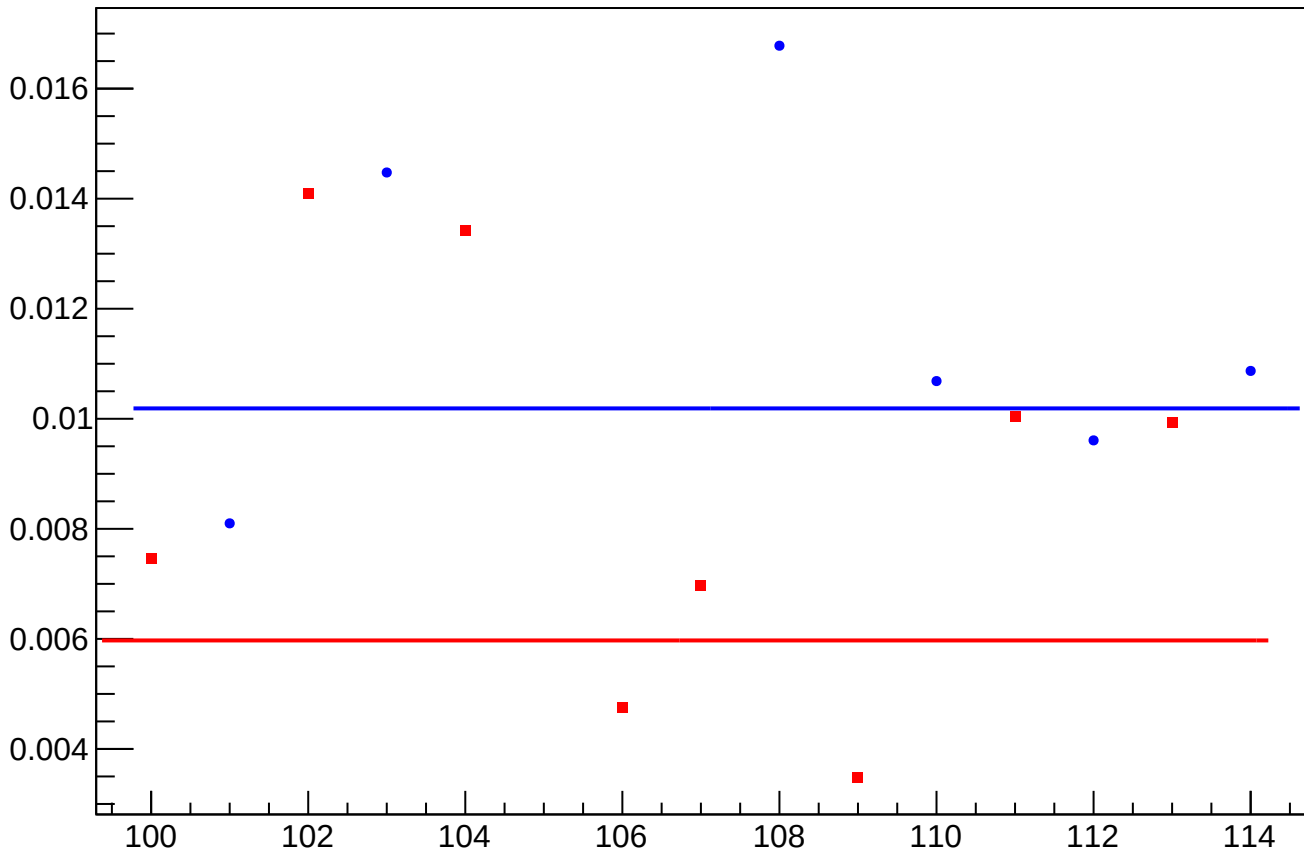
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 320017.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1483879.8/7

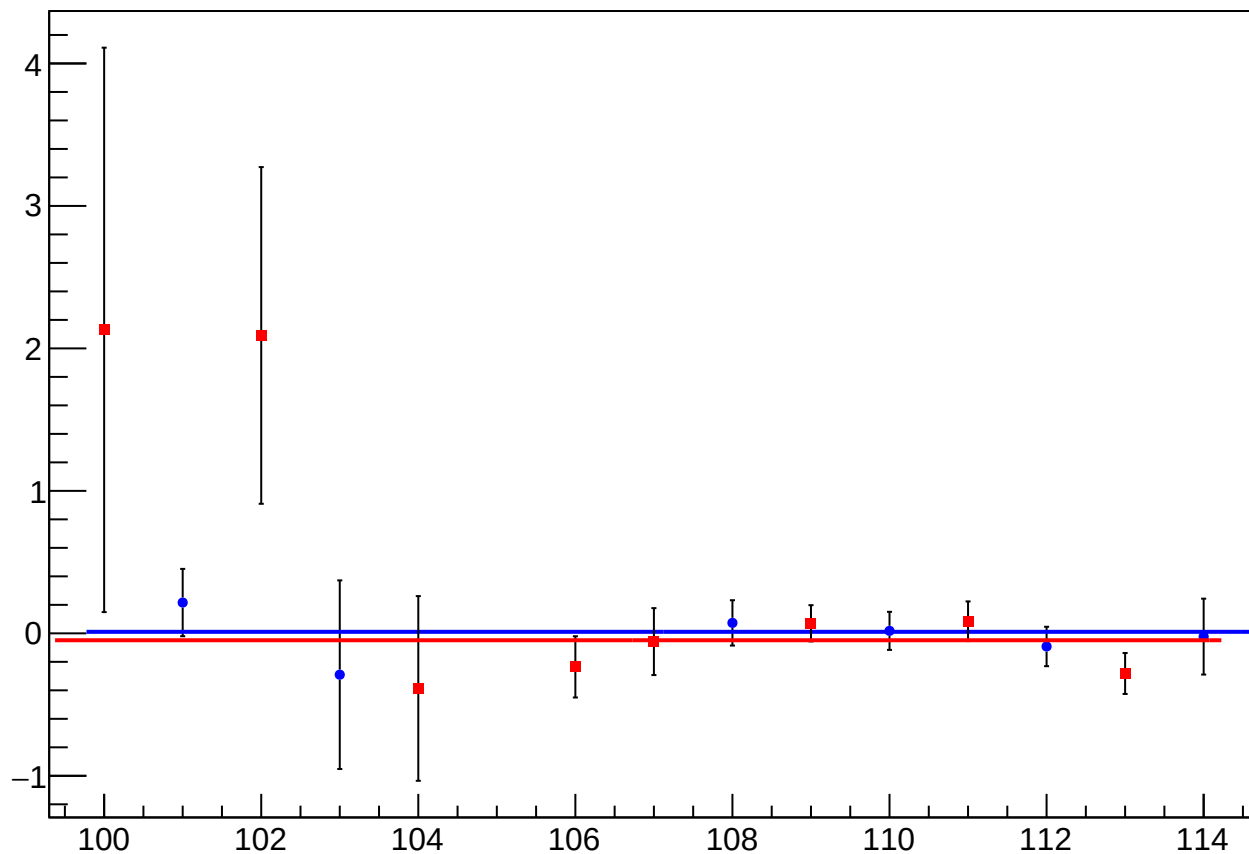
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2423067.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.074 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.048 $\pm$ 0.070 χ^2 /NDF: 9.9/7

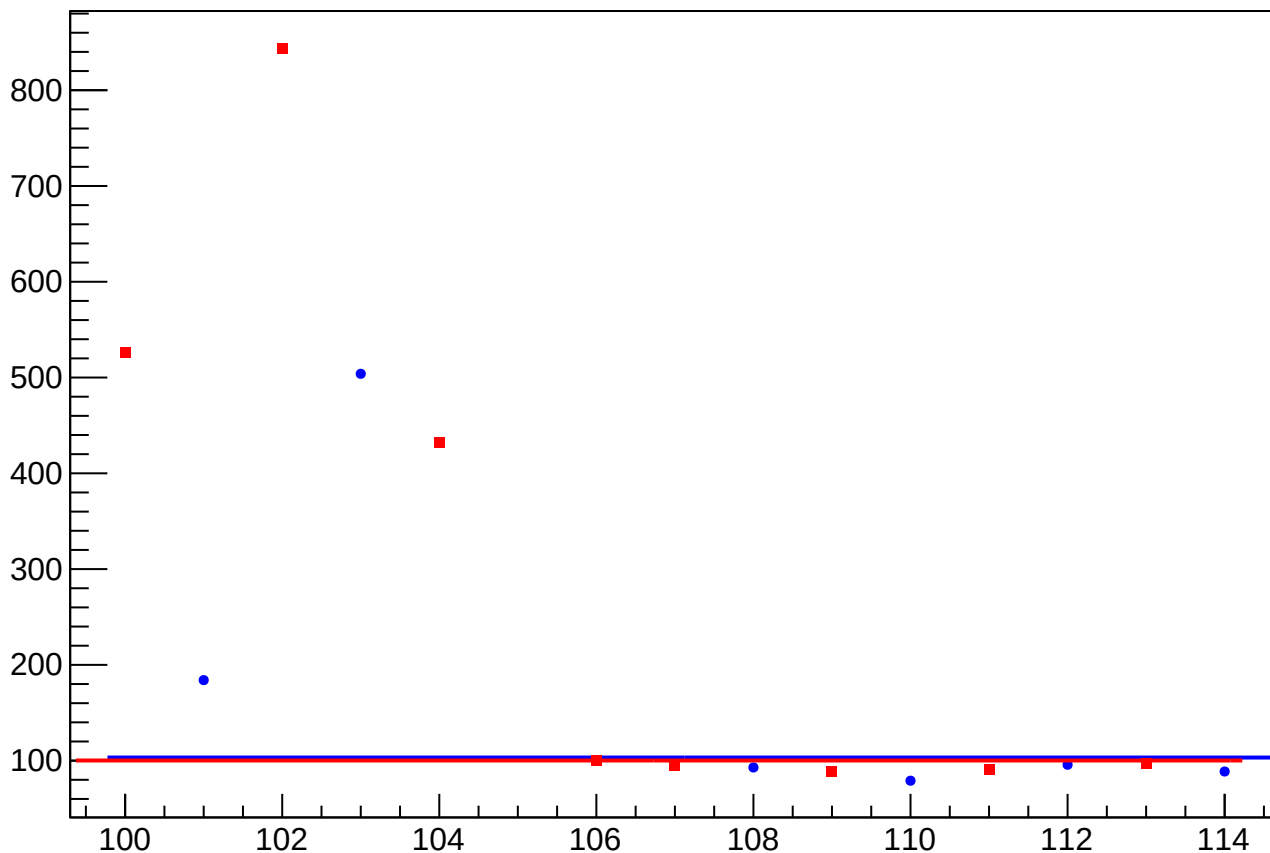
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.051 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 103.243+/-0.052 χ^2/NDF : 1052649.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.166+/-0.049 χ^2/NDF : 1436068.1/7

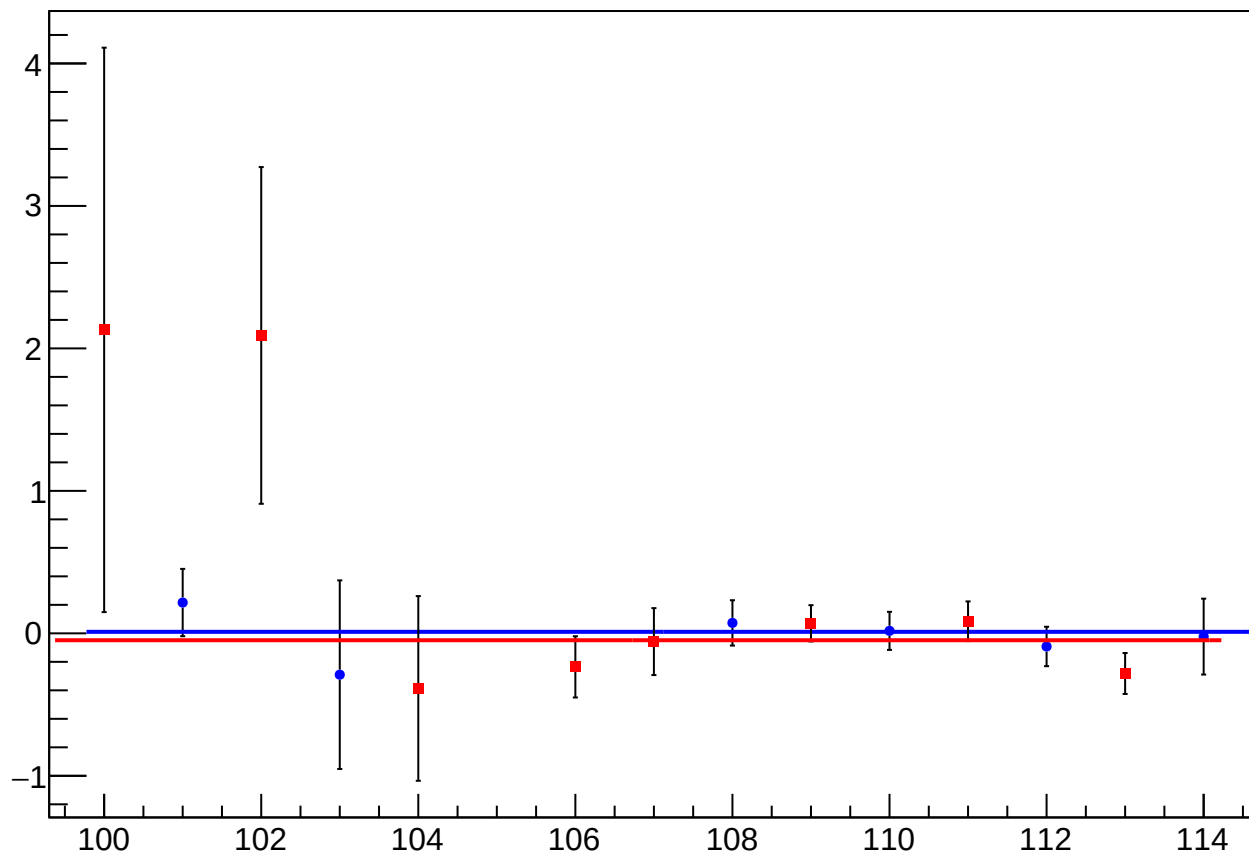
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.614+/-0.036 χ^2/NDF : 2490543.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.074 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.070 χ^2 /NDF: 9.9/7

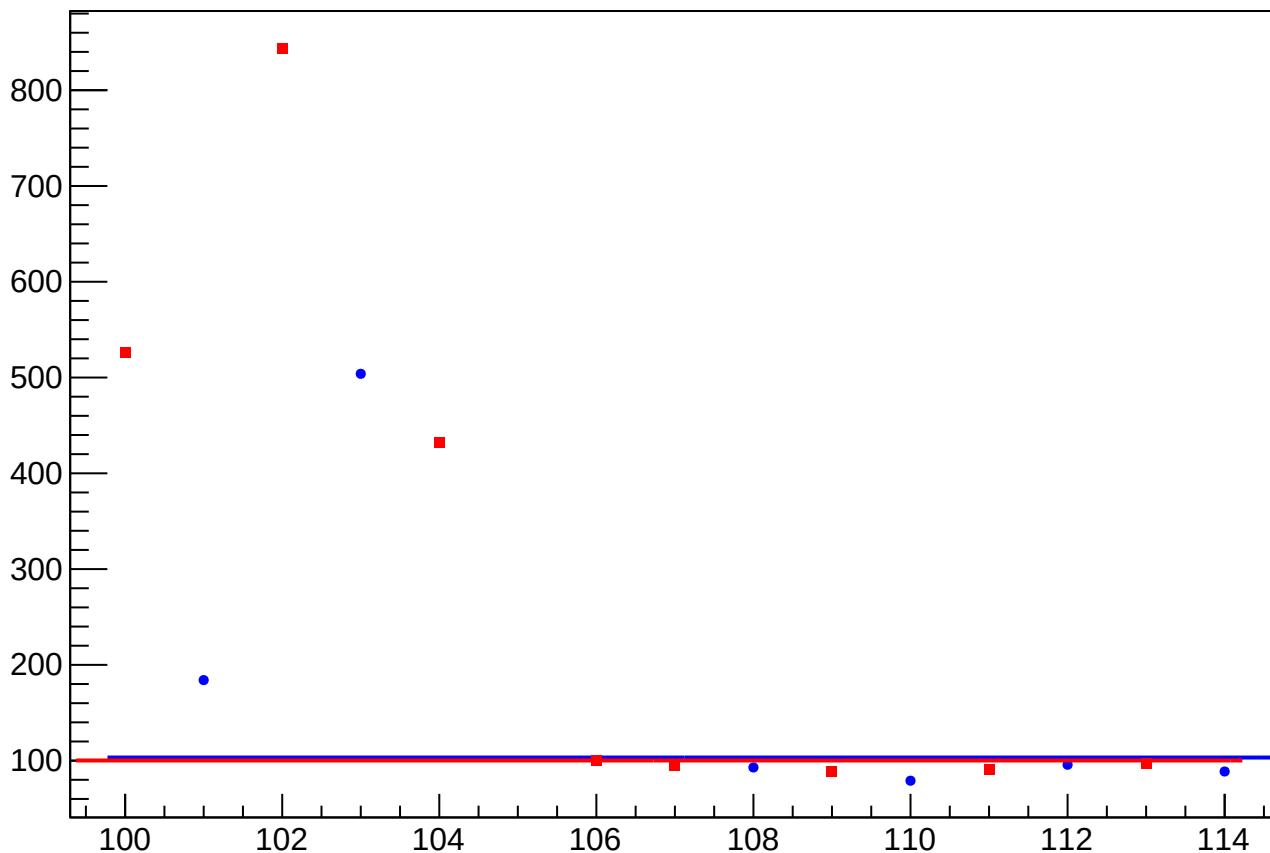
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.051 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 103.243+/-0.052 χ^2/NDF : 1052649.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.166+/-0.049 χ^2/NDF : 1436068.1/7

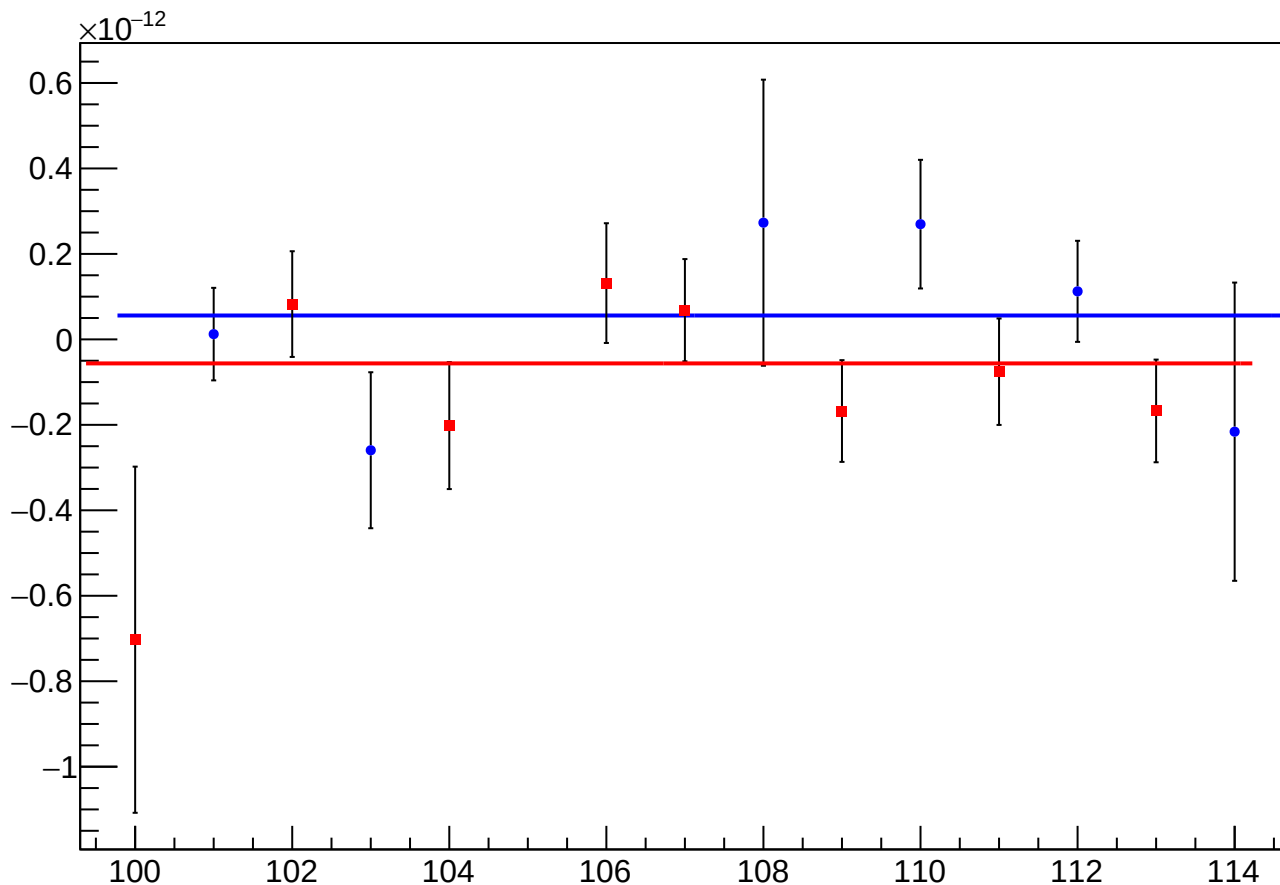
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.614+/-0.036 χ^2/NDF : 2490543.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/7

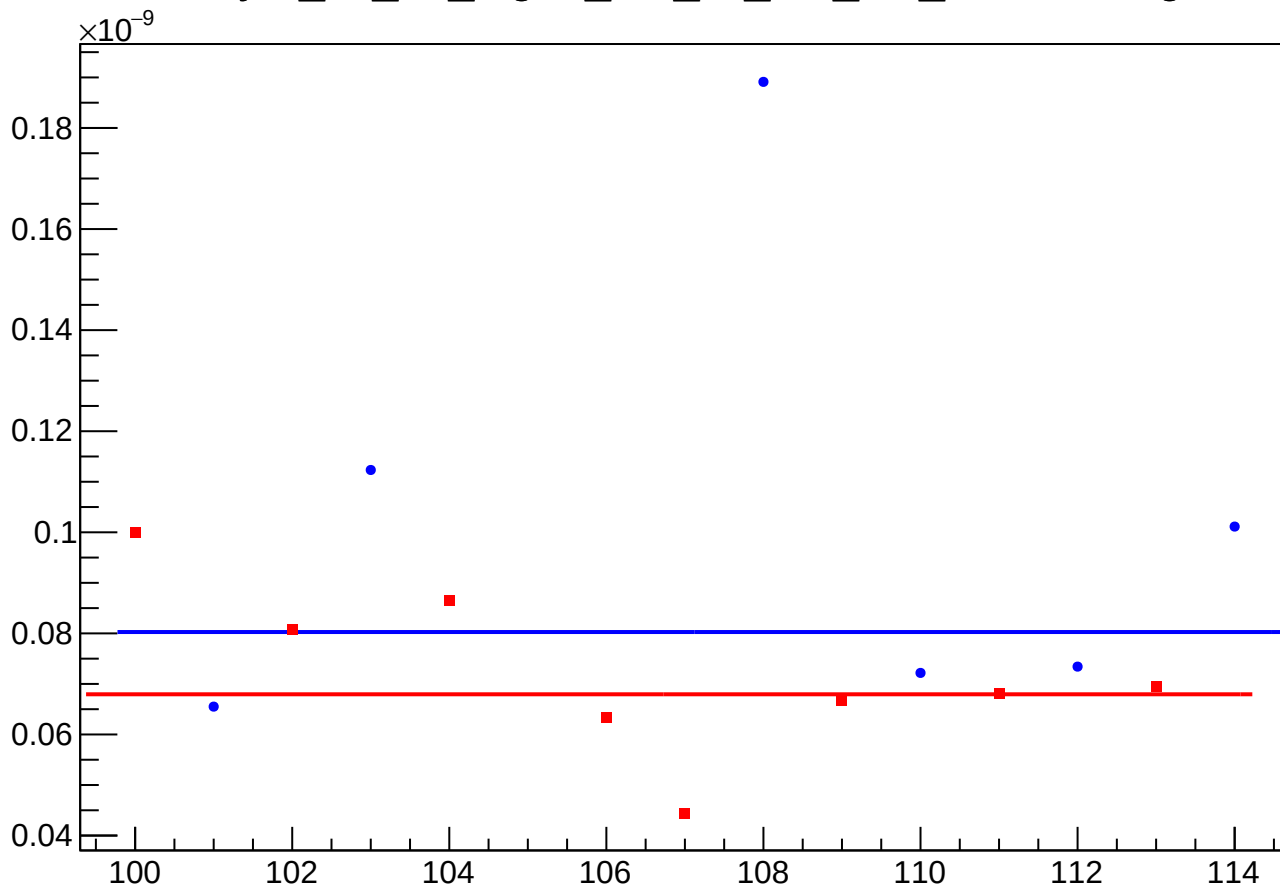
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 330060.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 145186.8/7

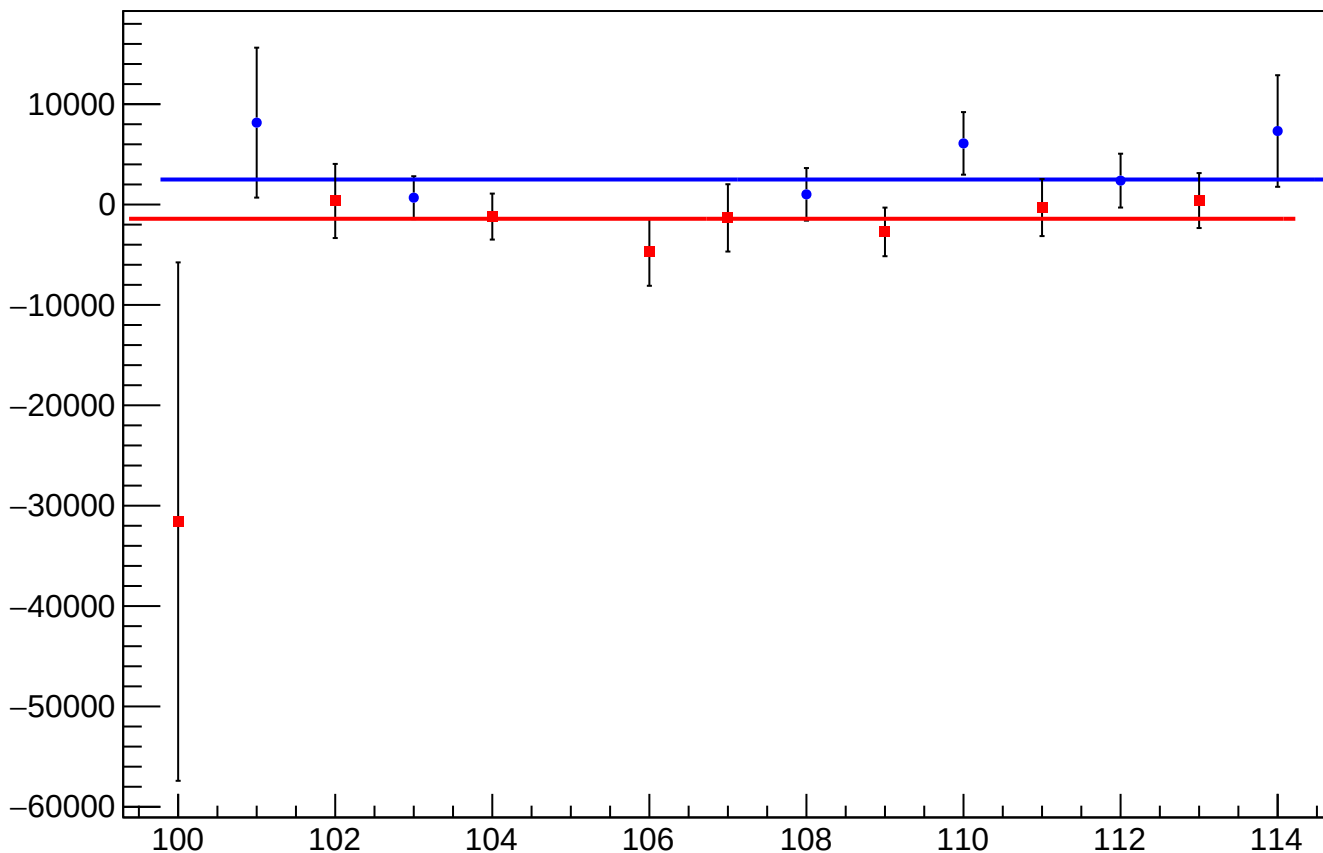
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 523479.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 2494.103 $\pm$ 1233.307 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1417.411 $\pm$ 1072.056 χ^2 /NDF: 3.5/7

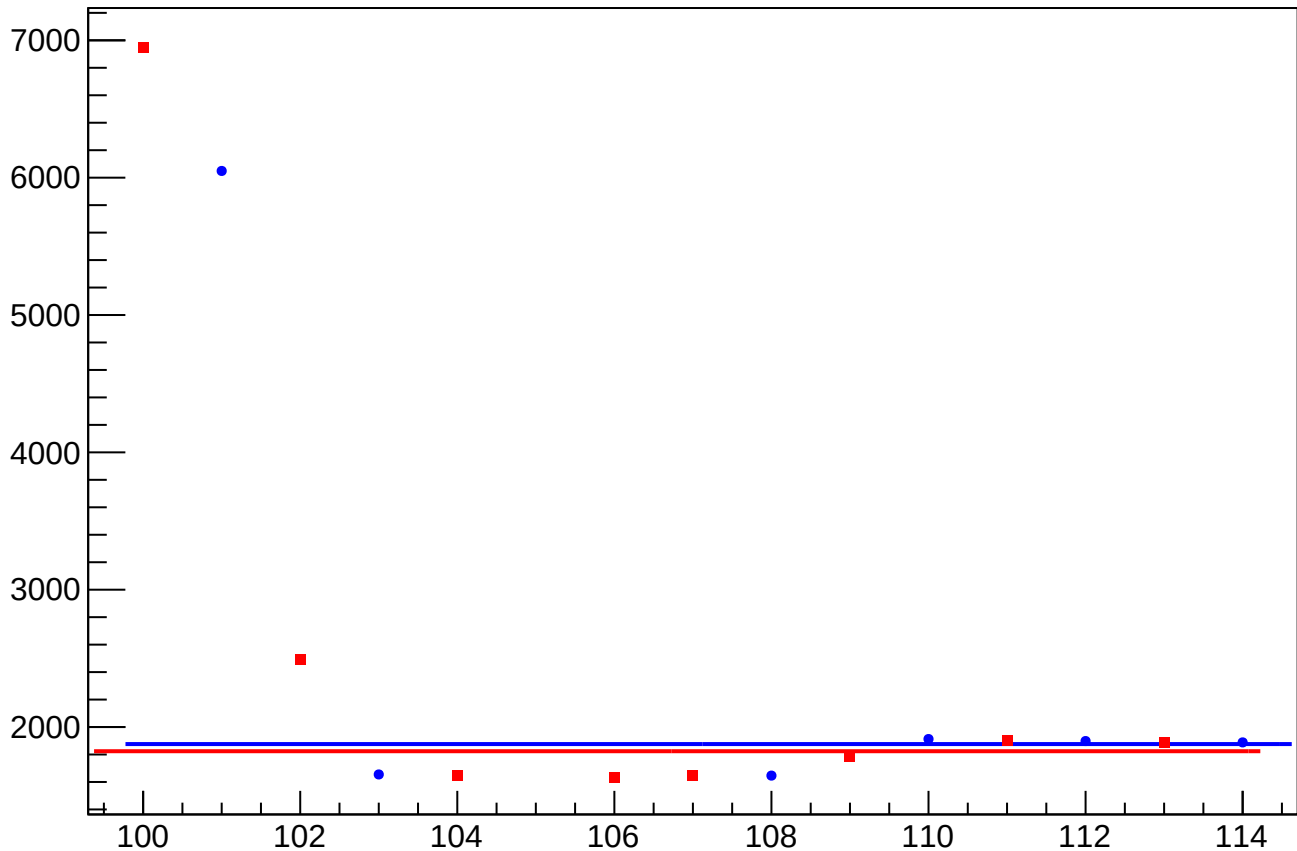
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 266.082 $\pm$ 809.105 χ^2 /NDF: 12.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1875.996 $\pm$ 0.872 χ^2 /NDF: 661618.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1823.919 $\pm$ 0.752 χ^2 /NDF: 171538.1/7

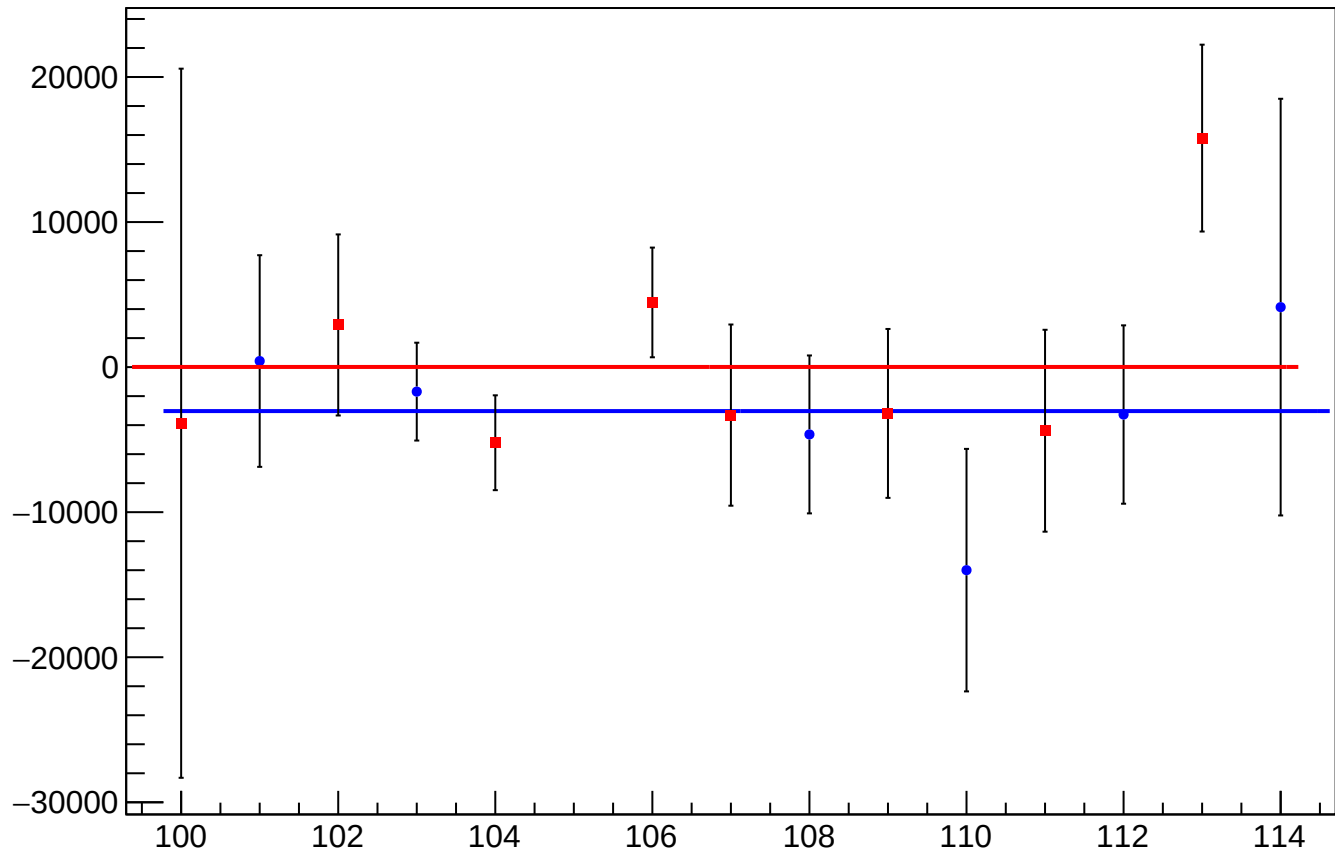
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1846.132 $\pm$ 0.570 χ^2 /NDF: 835201.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -3031.137 $\pm$ 2318.372 χ^2 /NDF: 2.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.474 $\pm$ 1854.686 χ^2 /NDF: 11.2/7

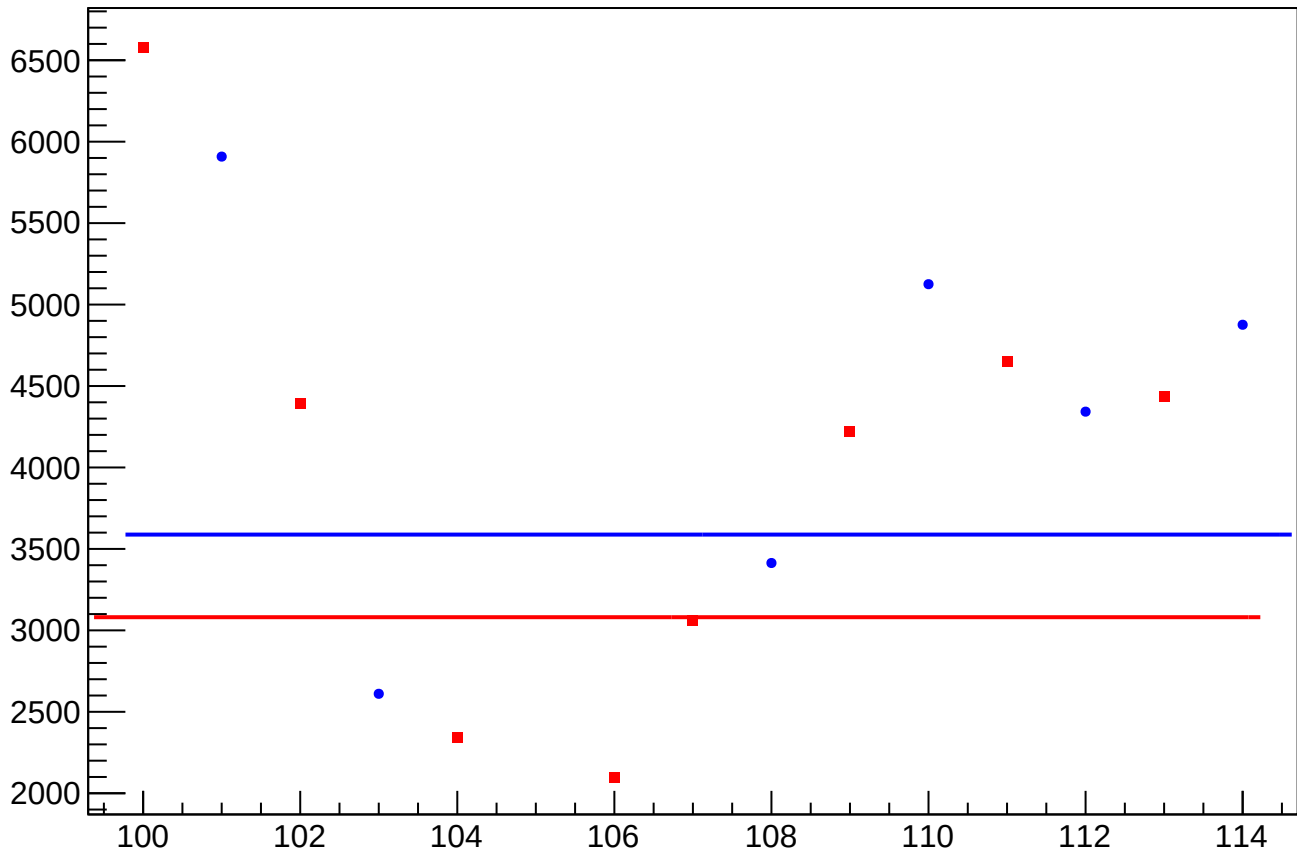
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1175.877 $\pm$ 1448.270 χ^2 /NDF: 14.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 3587.980+/-1.639 χ^2/NDF : 486160.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3080.820+/-1.311 χ^2/NDF : 634059.9/7

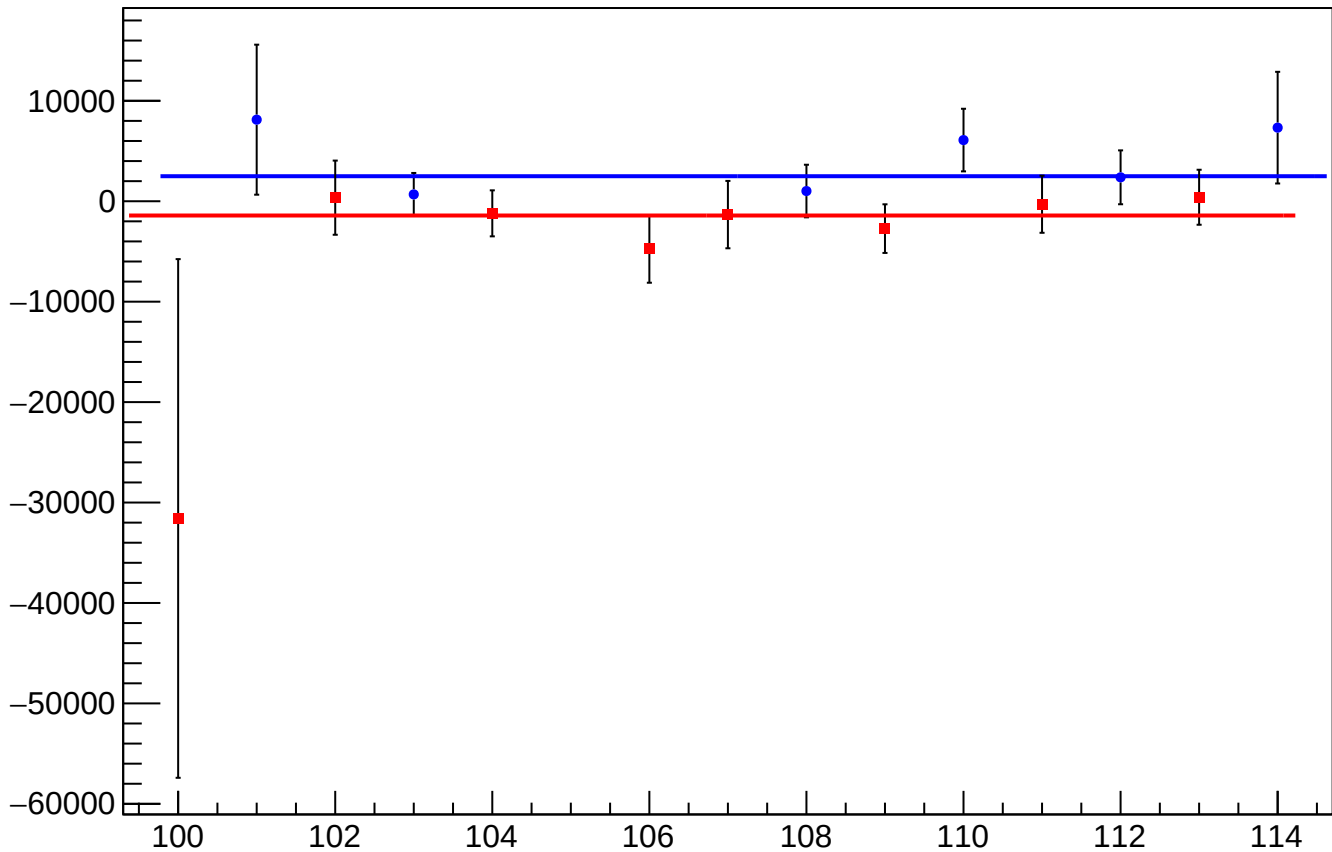
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3278.734+/-1.024 χ^2/NDF : 1178579.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_avg_mean vs Slug



Right In: 2492.219+/-1233.309 χ^2 /NDF: 3.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1420.173+/-1072.071 χ^2 /NDF: 3.5/7

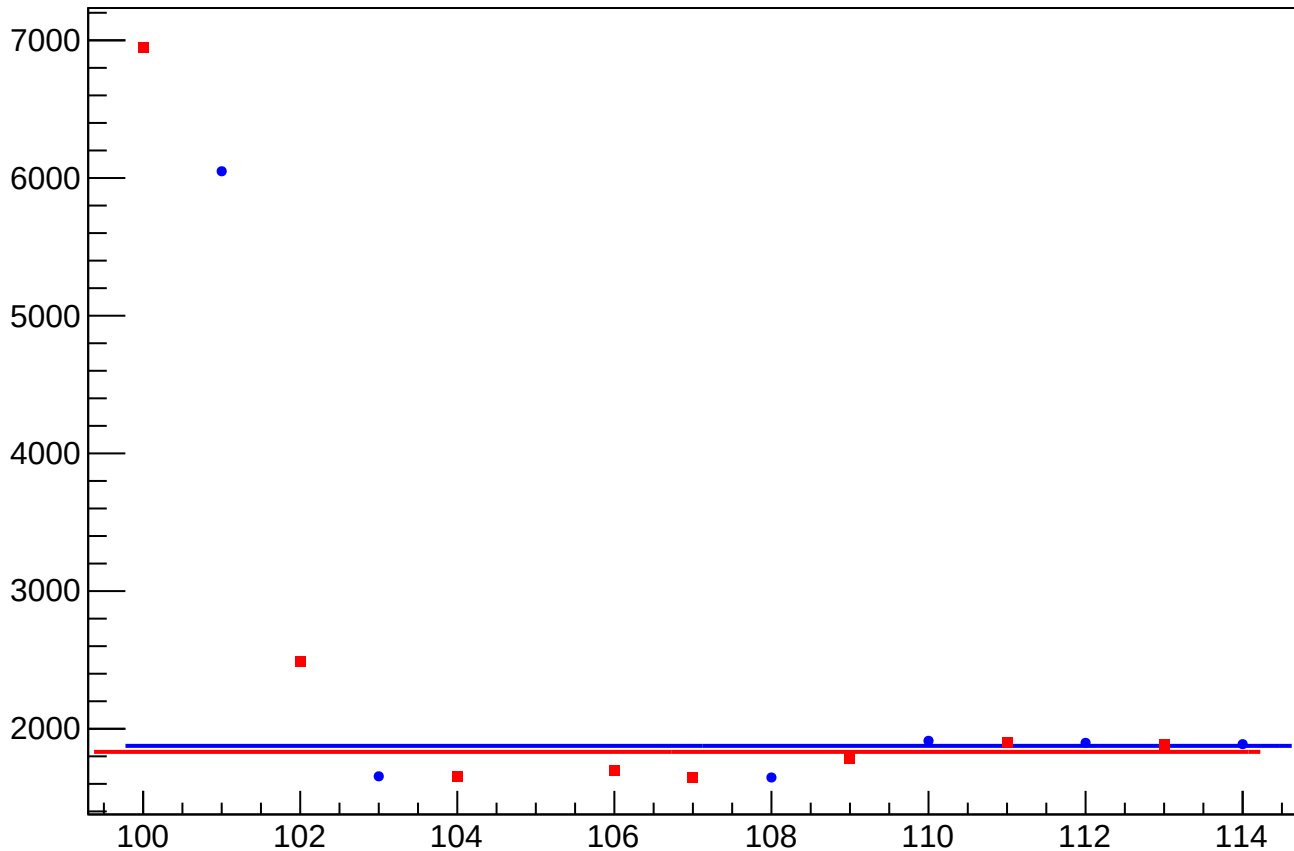
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 263.722+/-809.111 χ^2 /NDF: 12.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1875.997 $\pm$ 0.872 χ^2 /NDF: 661617.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1832.371 $\pm$ 0.755 χ^2 /NDF: 167050.2/7

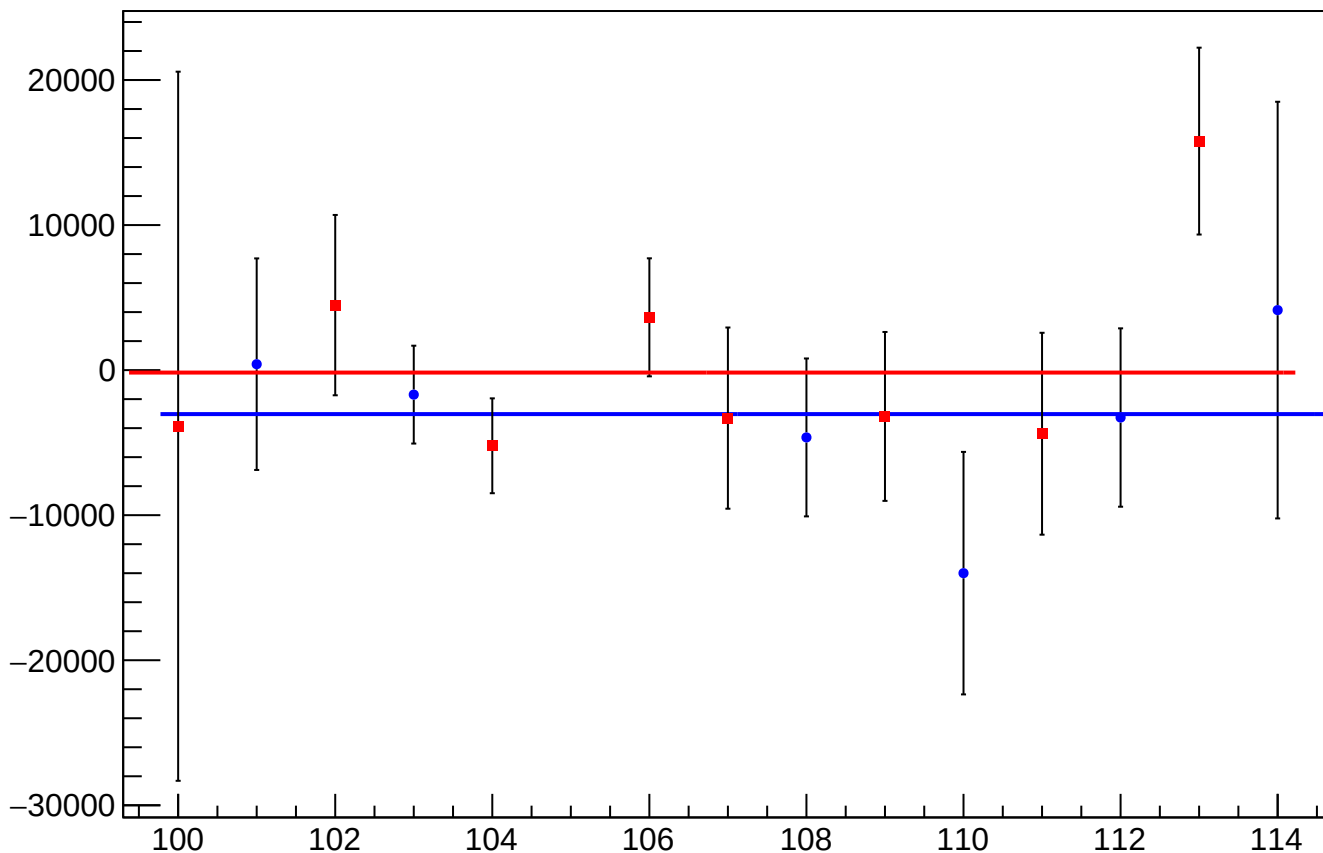
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1851.071 $\pm$ 0.571 χ^2 /NDF: 830097.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_cor_correction_mean vs Slug



Right In: -3031.966 $\pm$ 2318.379 χ^2 /NDF: 2.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -168.835 $\pm$ 1885.192 χ^2 /NDF: 10.9/7

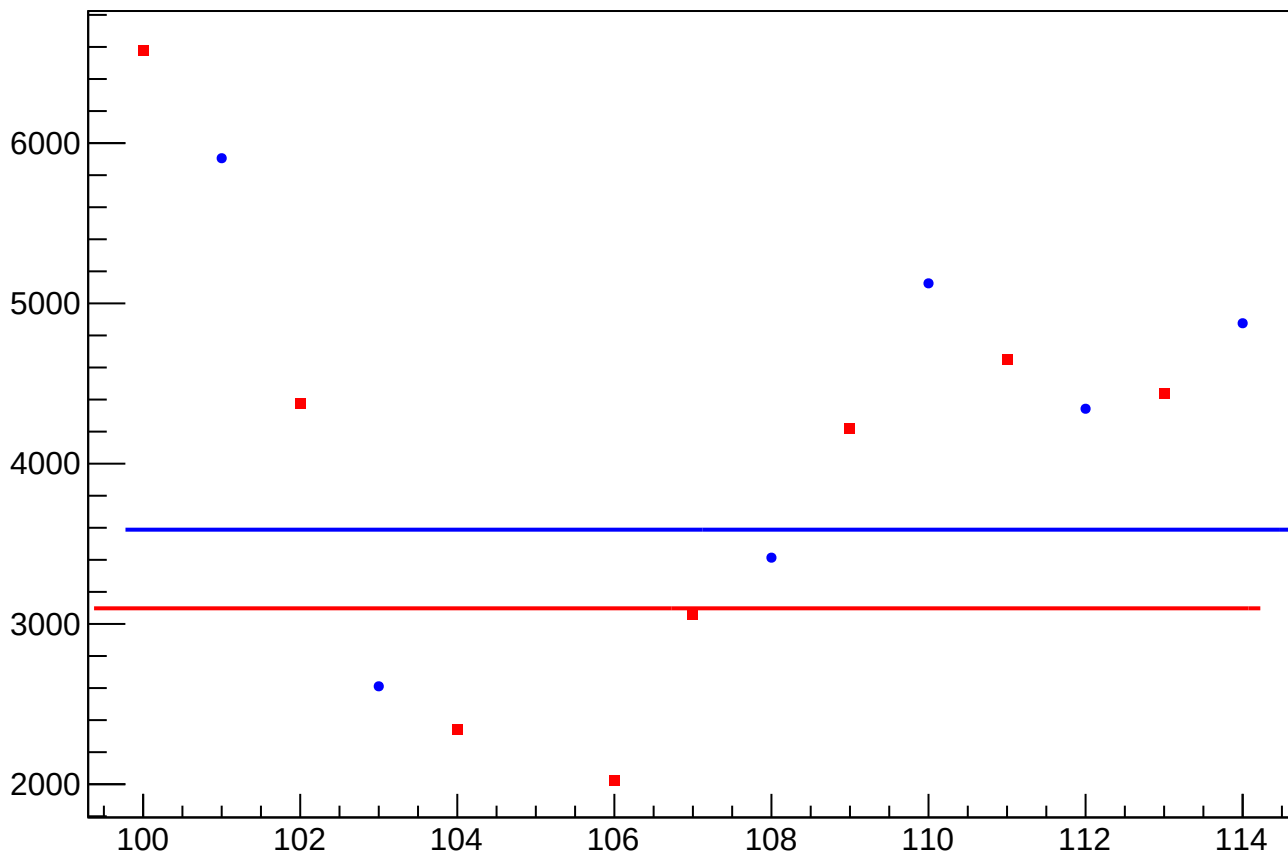
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1308.449 $\pm$ 1462.658 χ^2 /NDF: 14.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 3588.173+/-1.639 χ^2/NDF : 485733.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3097.501+/-1.333 χ^2/NDF : 631314.7/7

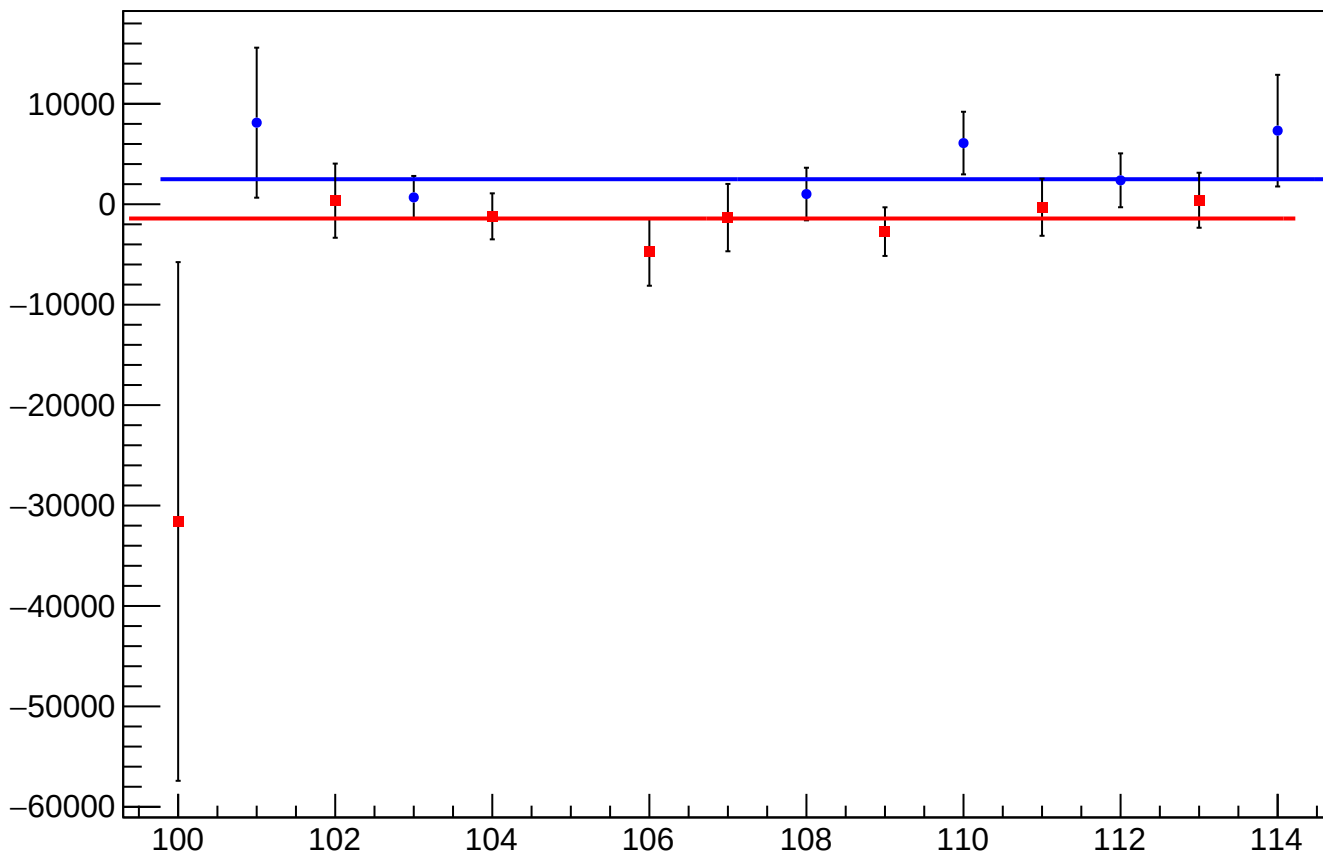
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3292.803+/-1.034 χ^2/NDF : 1170977.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_mean vs Slug



Right In: 2492.219+/-1233.309 χ^2 /NDF: 3.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1420.173+/-1072.071 χ^2 /NDF: 3.5/7

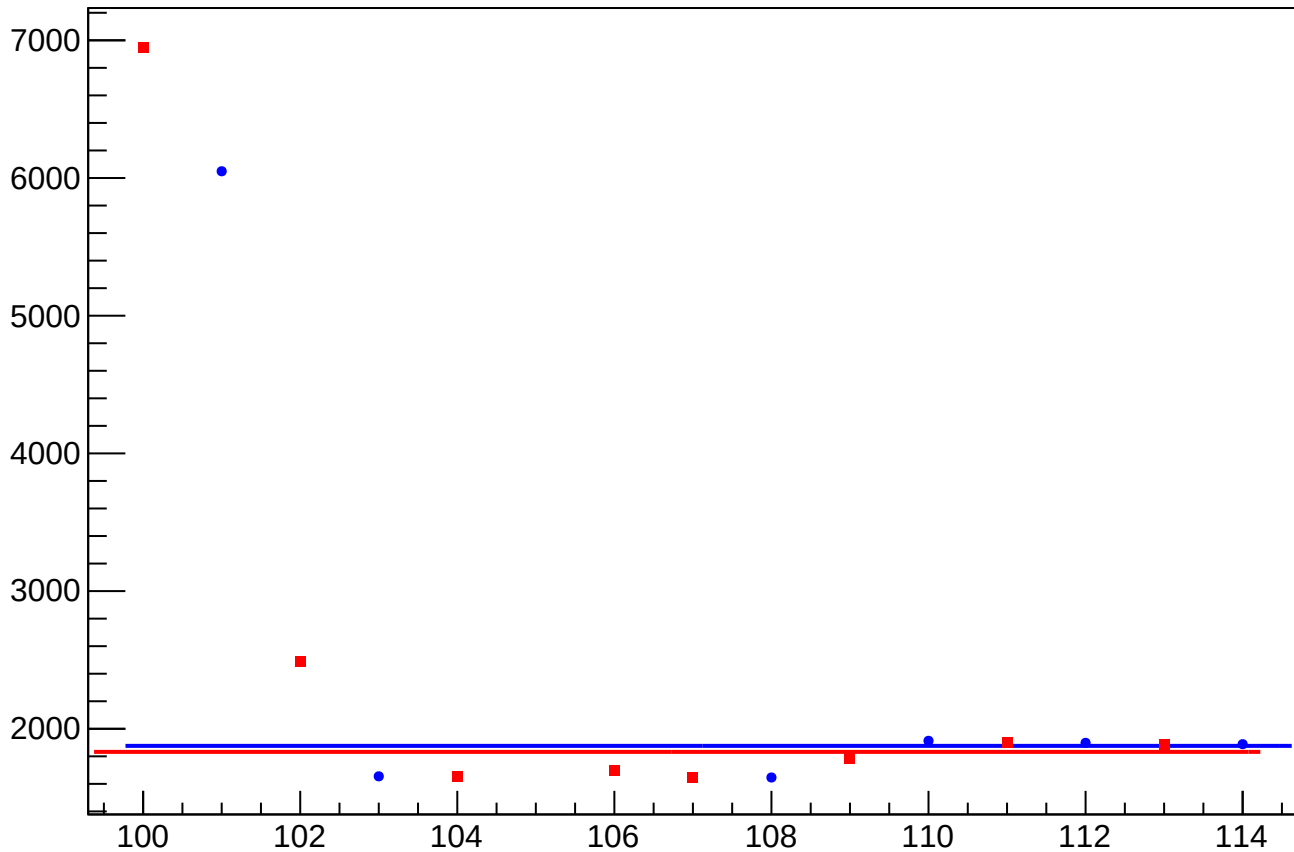
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 263.722+/-809.111 χ^2 /NDF: 12.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1875.997 $\pm$ 0.872 χ^2 /NDF: 661617.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1832.371 $\pm$ 0.755 χ^2 /NDF: 167050.2/7

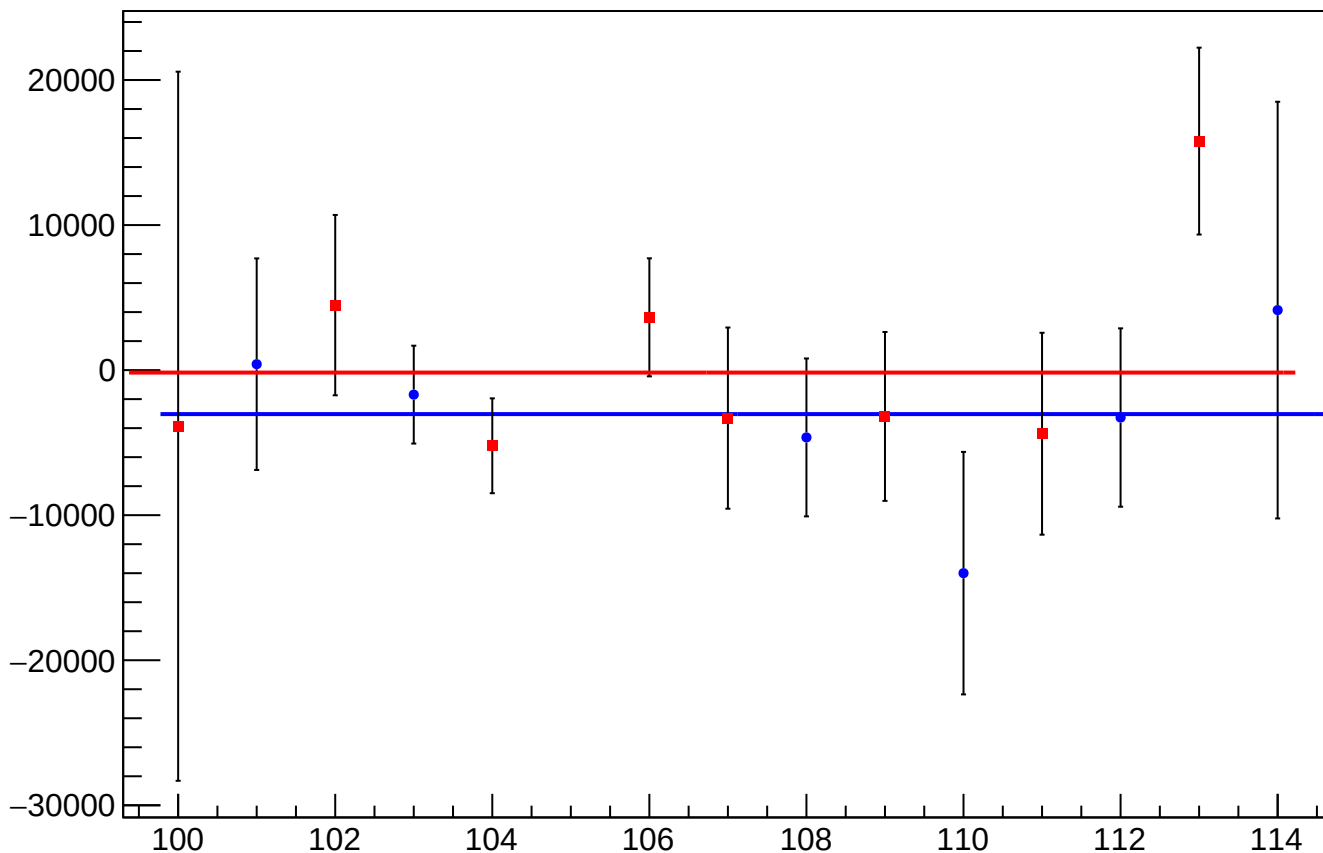
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1851.071 $\pm$ 0.571 χ^2 /NDF: 830097.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



Right In: -3031.966+/-2318.379 χ^2/NDF : 2.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.835+/-1885.192 χ^2/NDF : 10.9/7

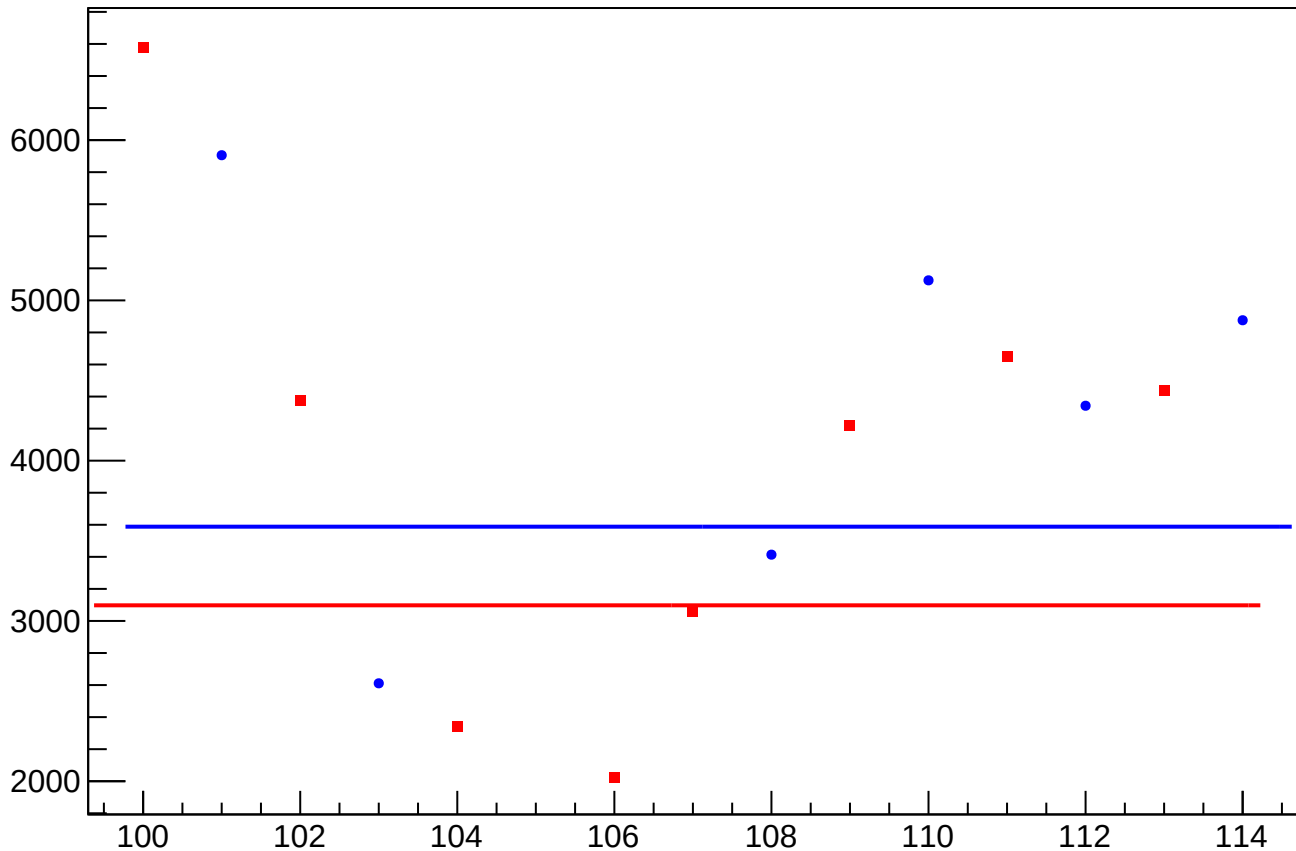
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1308.449+/-1462.658 χ^2/NDF : 14.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 3588.173+/-1.639 χ^2/NDF : 485733.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3097.501+/-1.333 χ^2/NDF : 631314.7/7

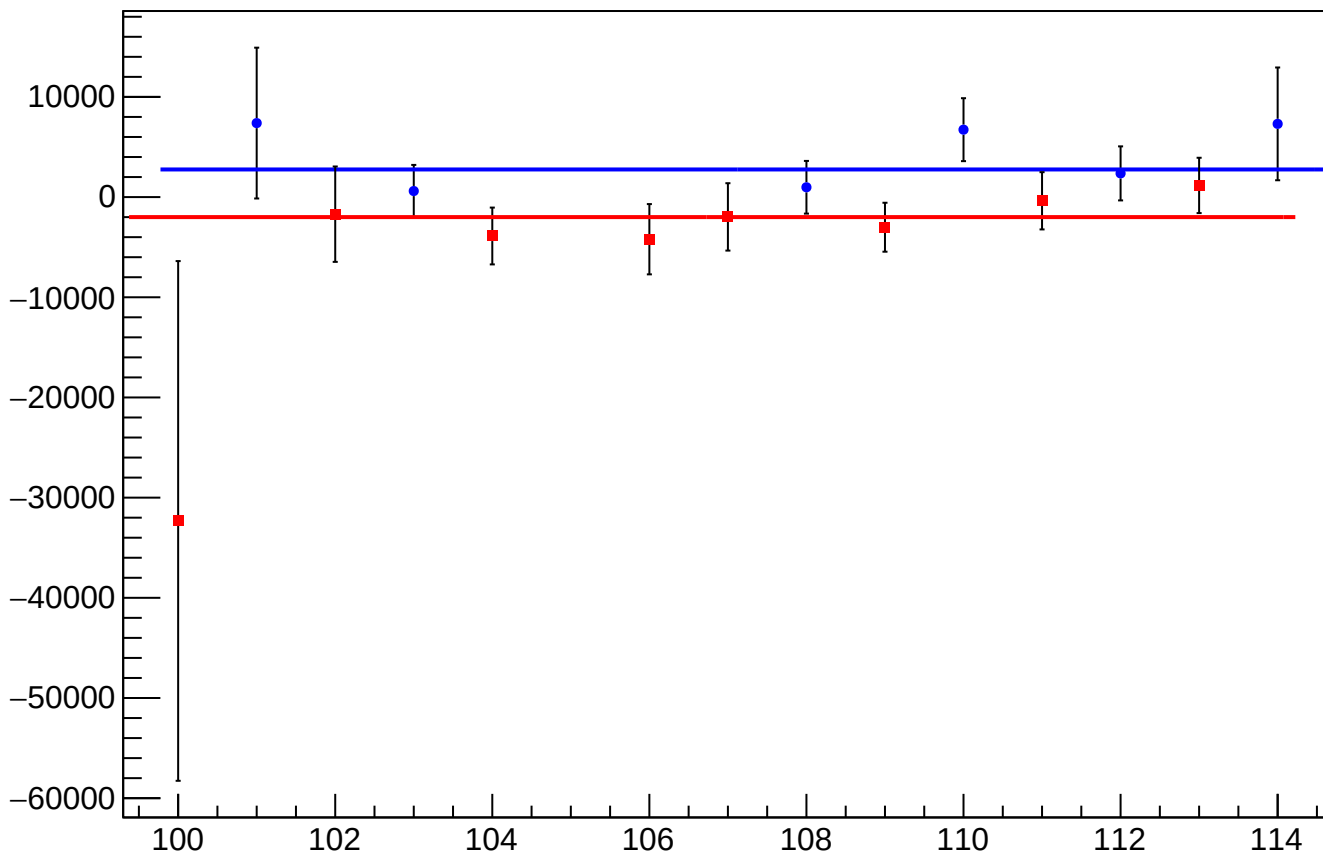
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3292.803+/-1.034 χ^2/NDF : 1170977.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 2757.758 $\pm$ 1313.267 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1997.012 $\pm$ 1146.433 χ^2 /NDF: 4.0/7

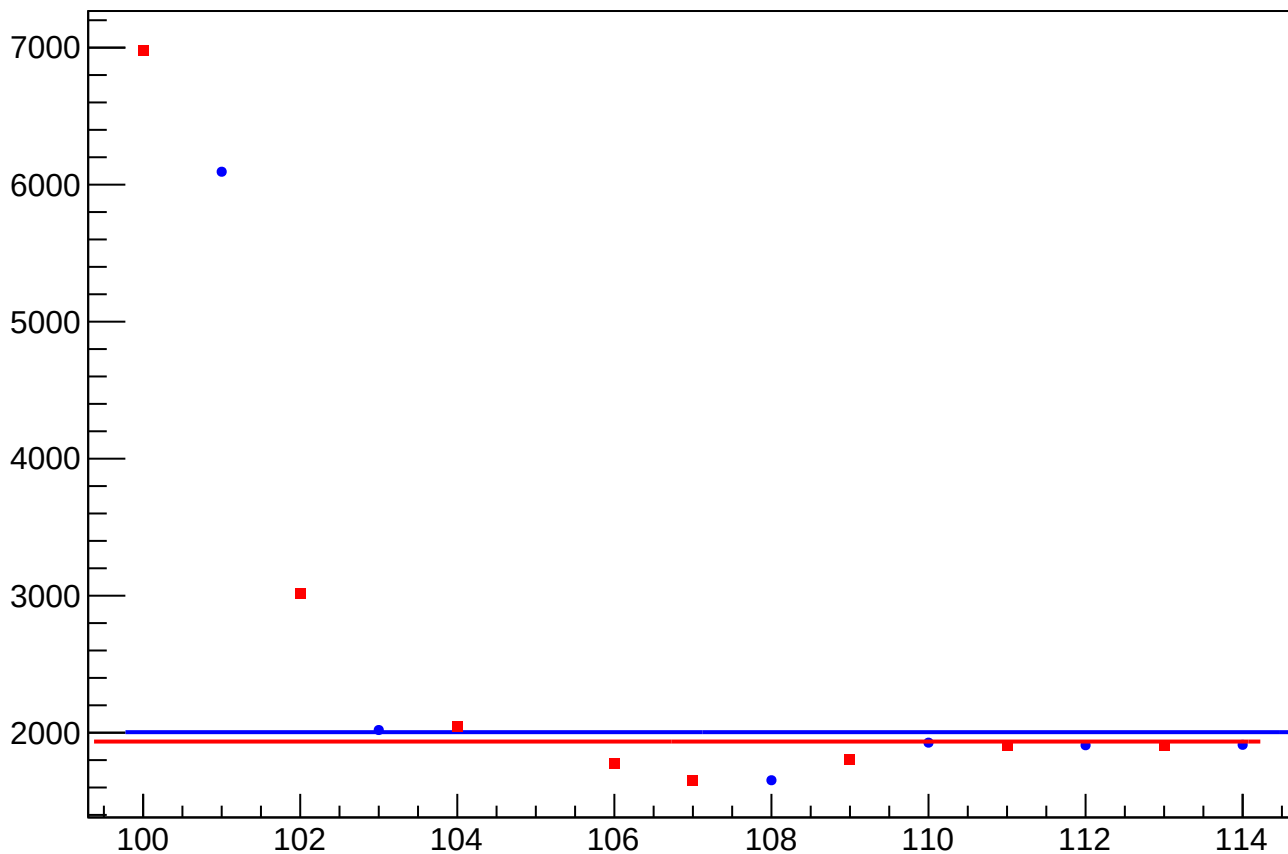
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.347 $\pm$ 863.650 χ^2 /NDF: 15.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 2003.919+/-0.929 χ^2/NDF : 630463.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1935.427+/-0.809 χ^2/NDF : 207175.1/7

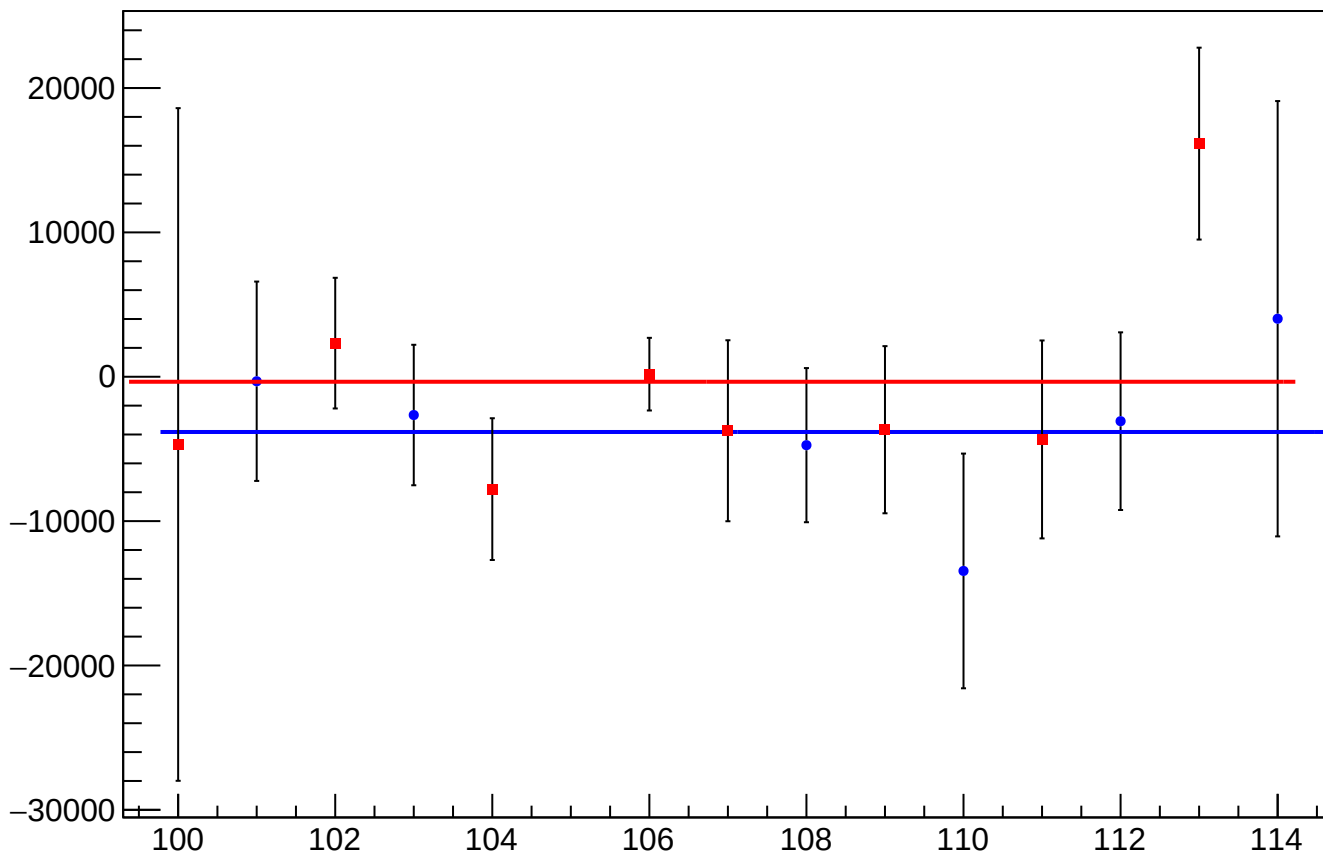
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.977+/-0.610 χ^2/NDF : 840731.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -3826.034+/-2633.019 χ^2 /NDF: 2.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -346.494+/-1692.012 χ^2 /NDF: 9.8/7

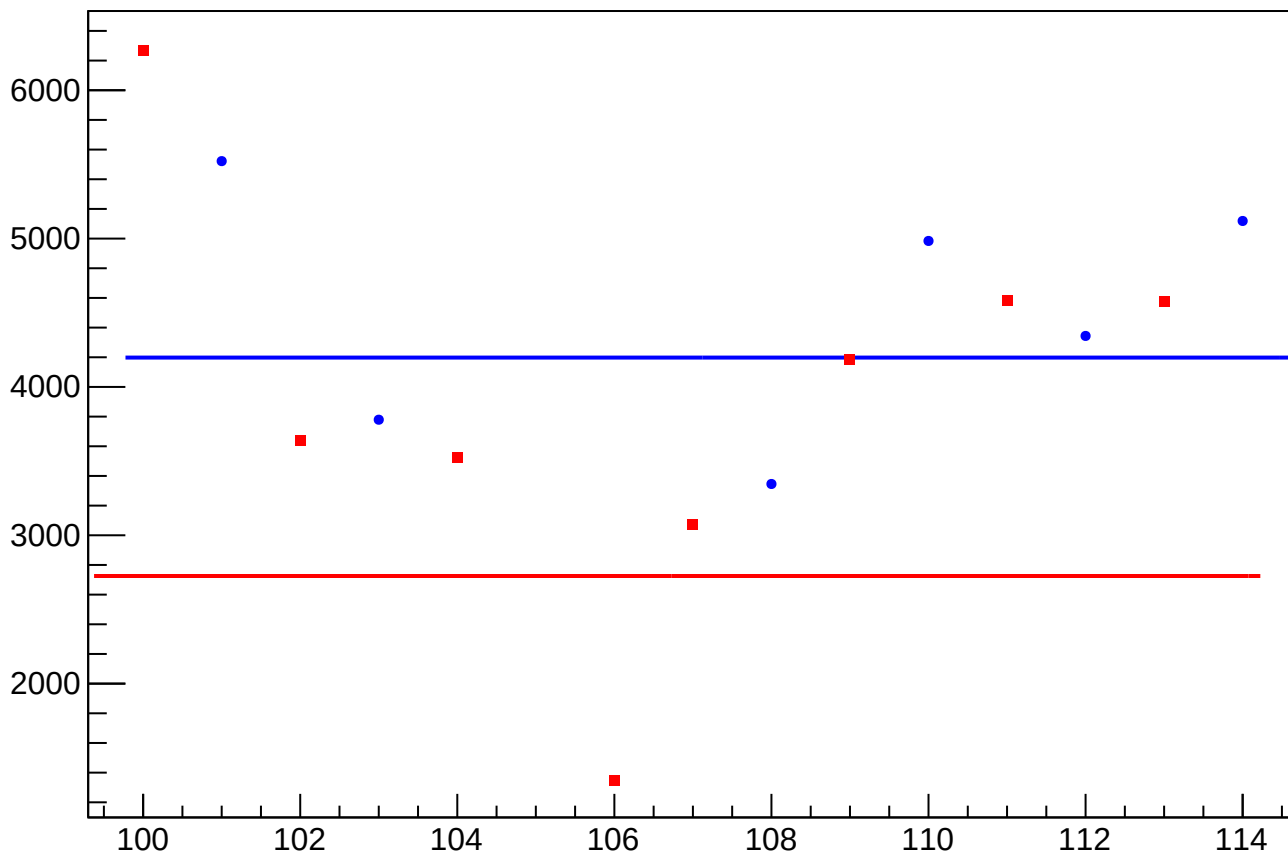
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1363.430+/-1423.442 χ^2 /NDF: 13.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4197.906+/-1.862 χ^2/NDF : 166625.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.531+/-1.196 χ^2/NDF : 1214853.5/7

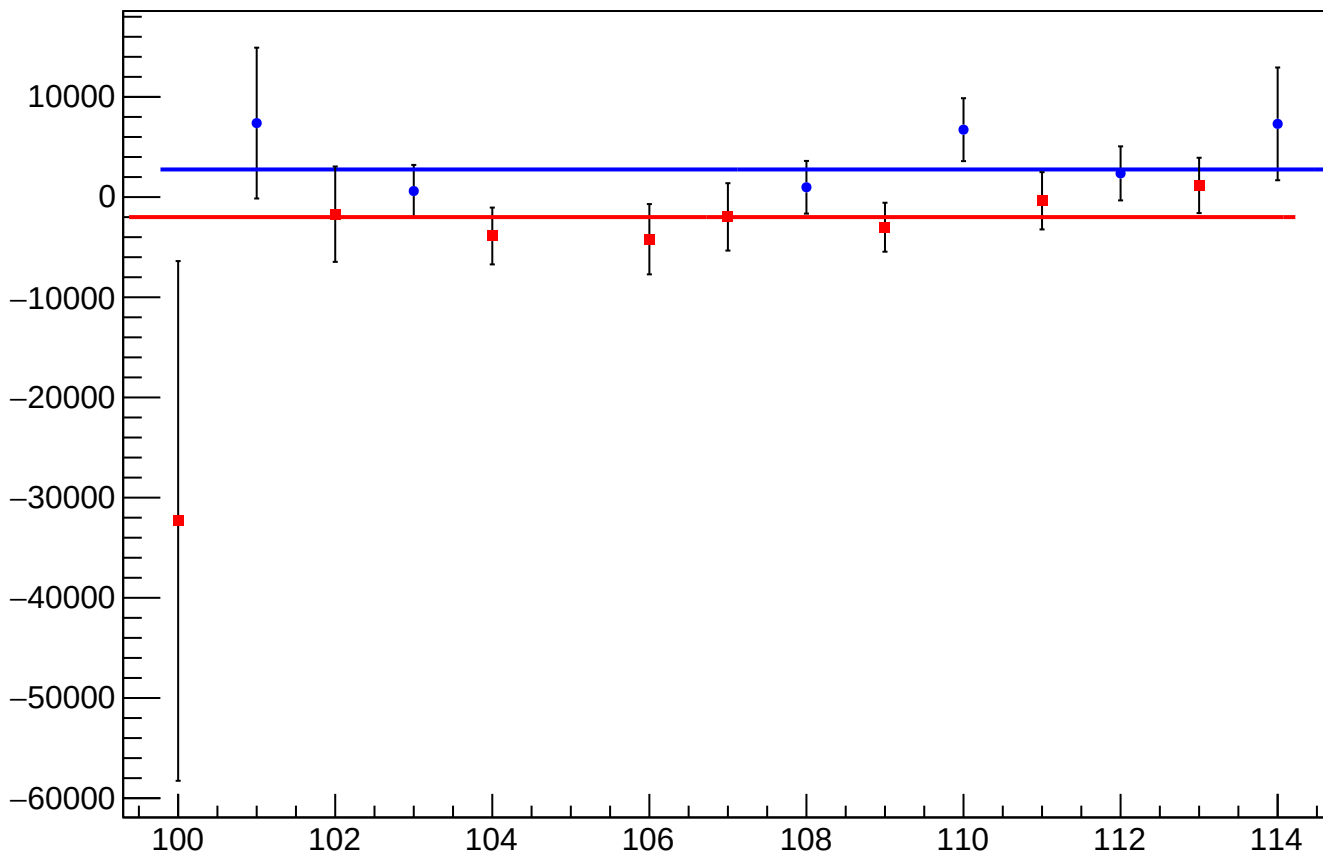
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.849+/-1.007 χ^2/NDF : 1824099.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 2757.763+/-1313.267 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1997.016+/-1146.433 χ^2/NDF : 4.0/7

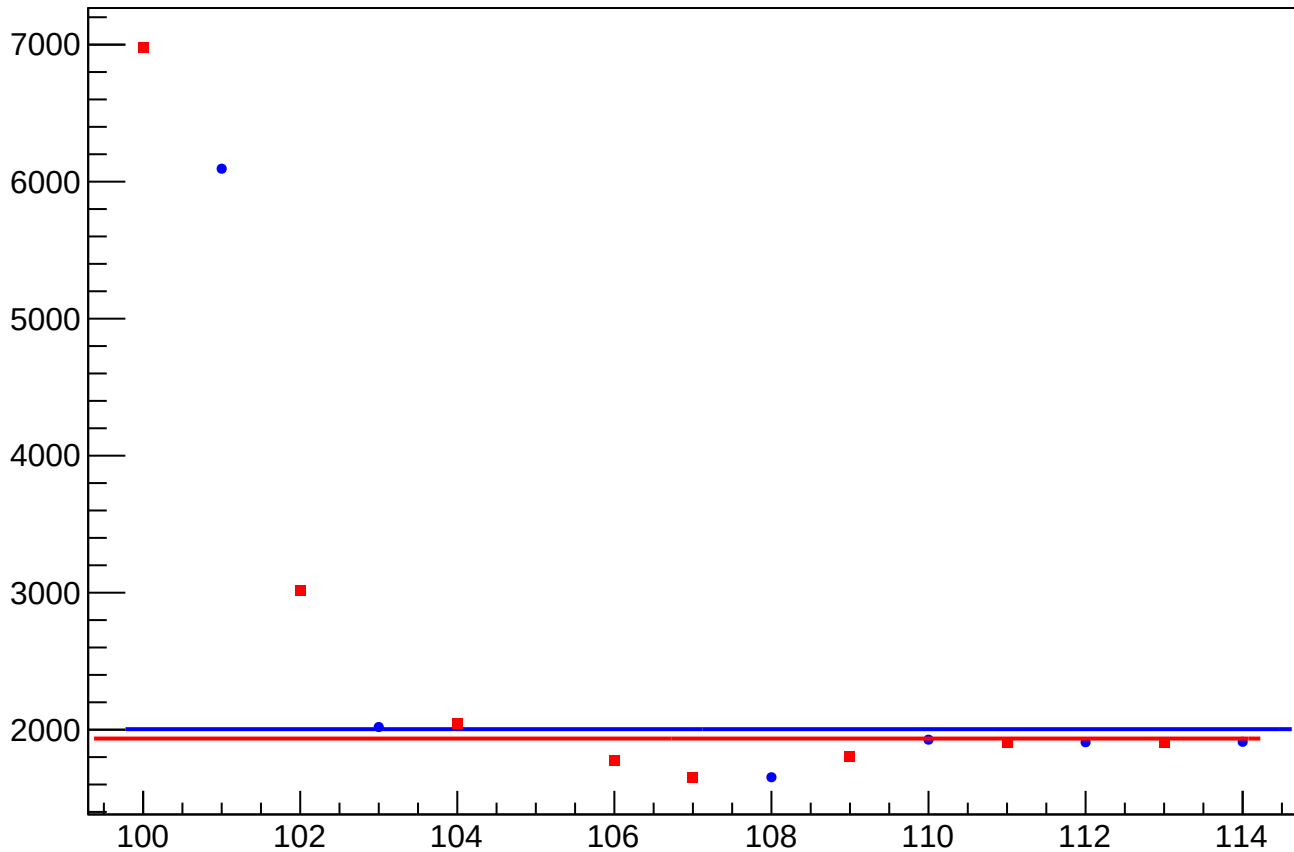
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.347+/-863.650 χ^2/NDF : 15.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 2003.919 $\pm$ 0.929 χ^2 /NDF: 630463.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1935.427 $\pm$ 0.809 χ^2 /NDF: 207174.7/7

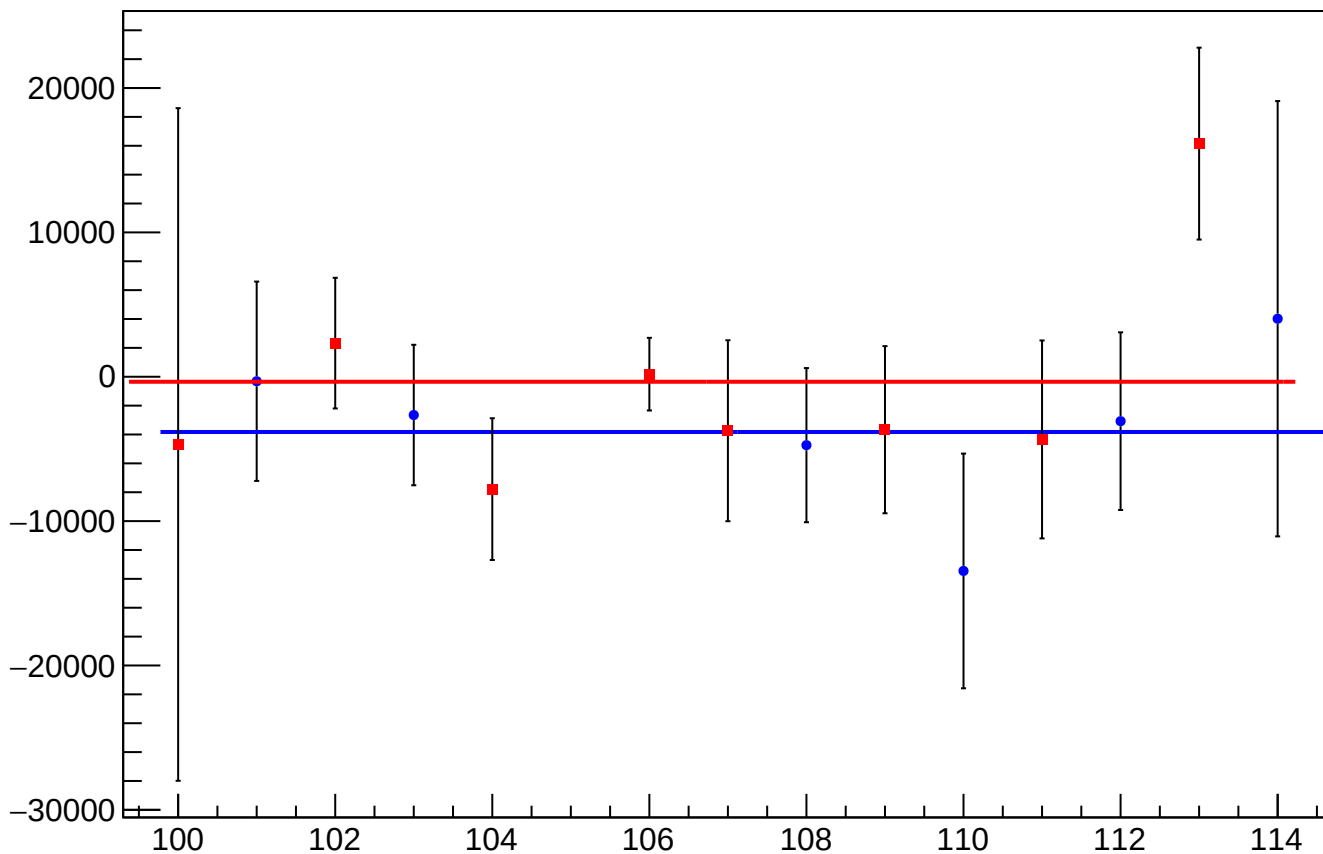
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1964.977 $\pm$ 0.610 χ^2 /NDF: 840731.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_correction_mean vs Slug



Right In: -3826.034+/-2633.017 χ^2/NDF : 2.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -346.490+/-1692.008 χ^2/NDF : 9.8/7

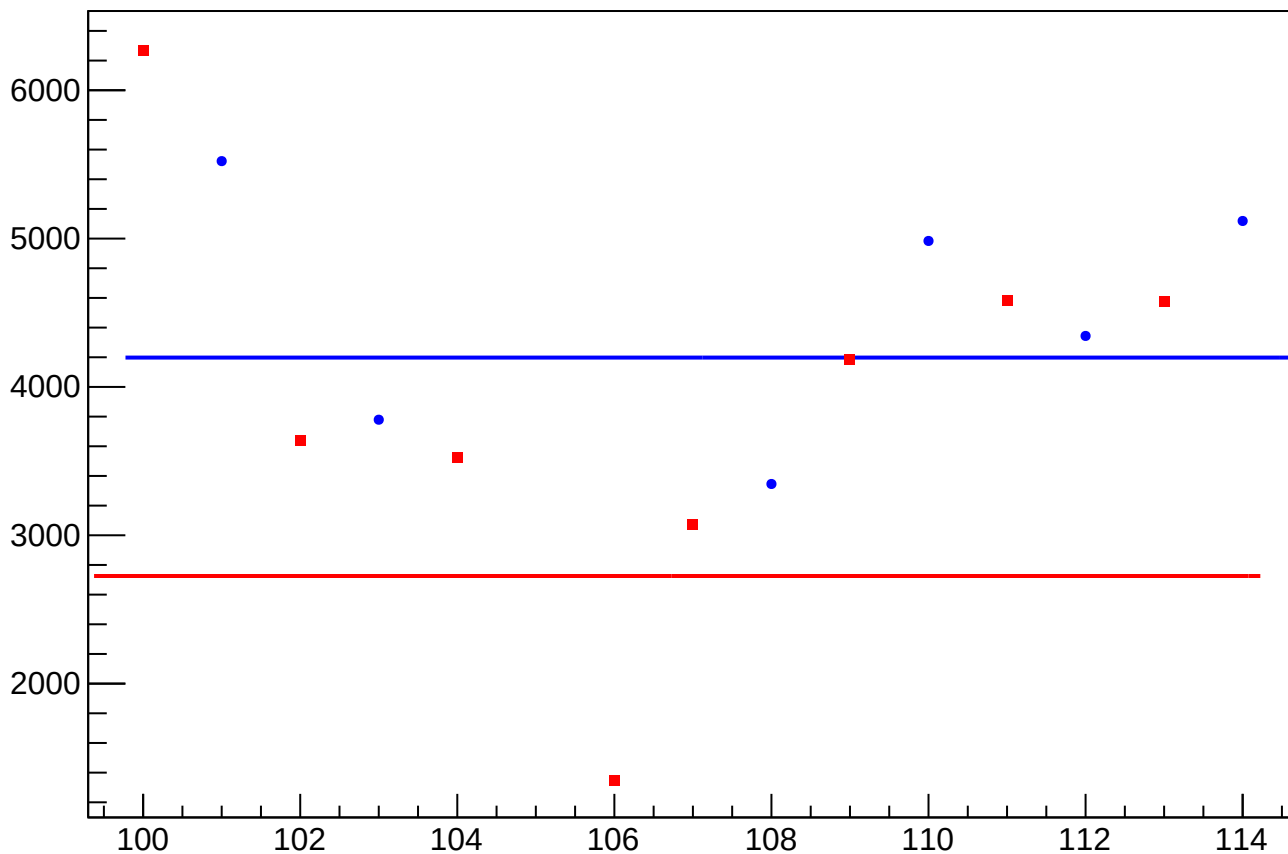
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1363.425+/-1423.439 χ^2/NDF : 13.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 4197.904+/-1.862 χ^2/NDF : 166623.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.524+/-1.196 χ^2/NDF : 1214857.7/7

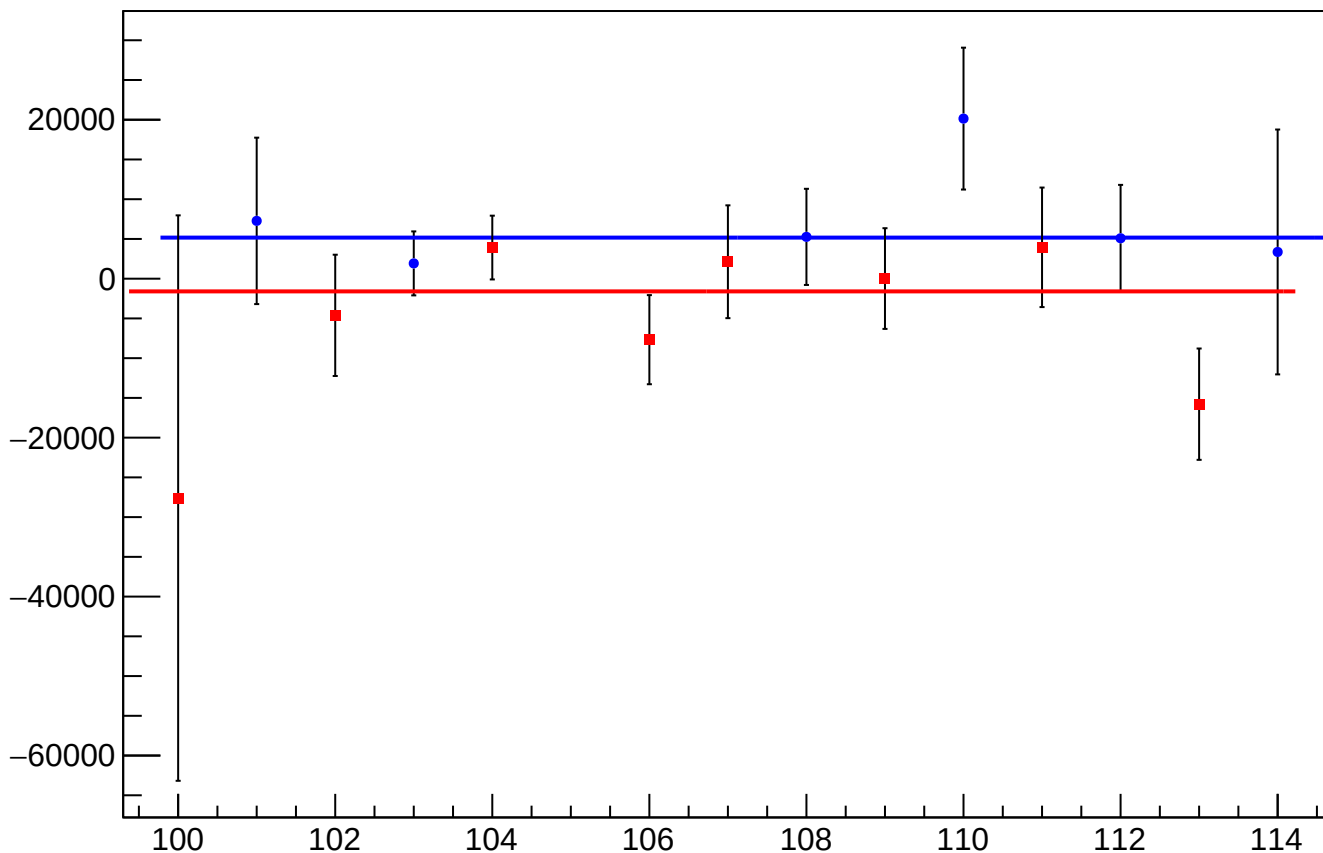
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.843+/-1.007 χ^2/NDF : 1824105.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



Right In: 5169.191+/-2700.488 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1597.975+/-2266.101 χ^2/NDF : 8.7/7

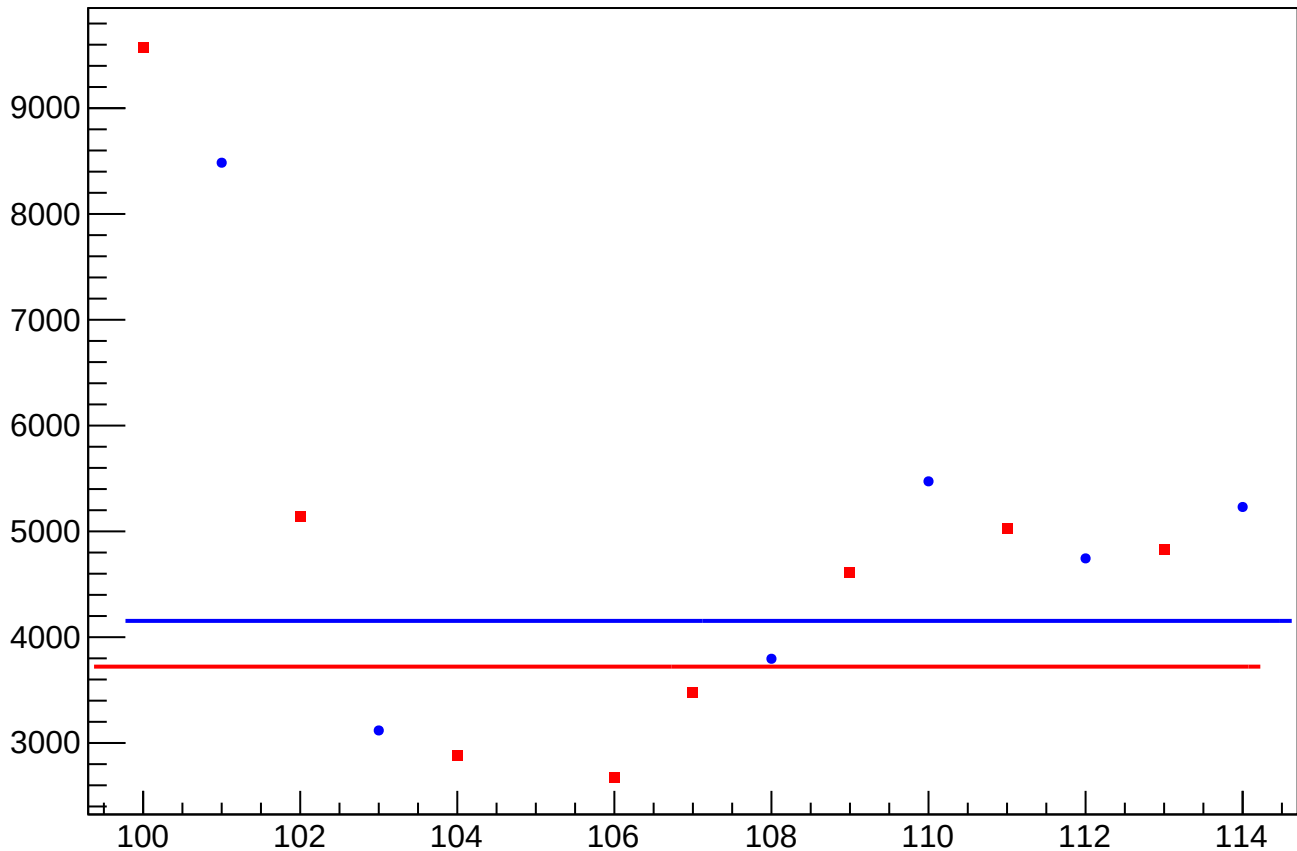
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1198.233+/-1735.895 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_rms vs Slug



Right In: 4154.029+/-1.910 χ^2/NDF : 550428.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3721.687+/-1.577 χ^2/NDF : 445654.7/7

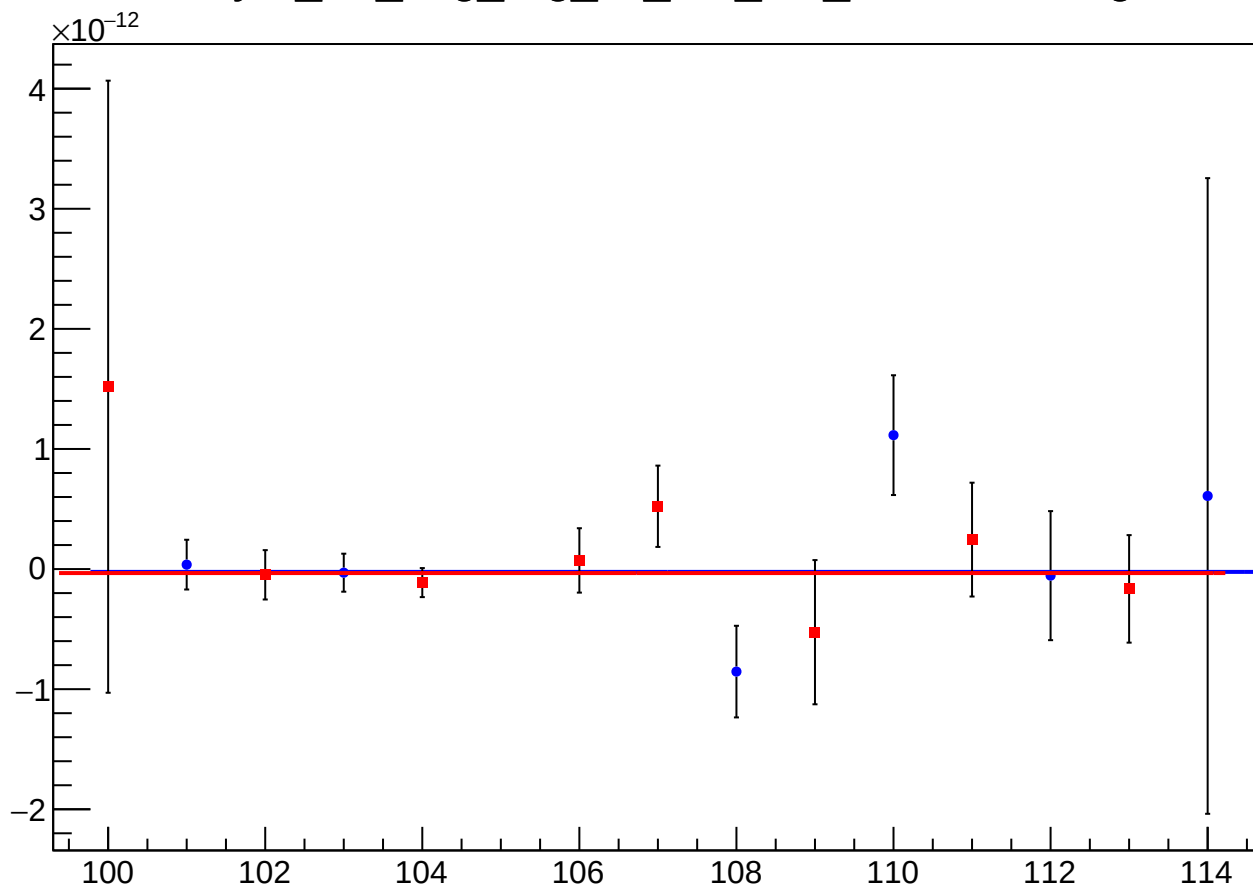
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3897.018+/-1.216 χ^2/NDF : 1026556.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 10.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.8/7

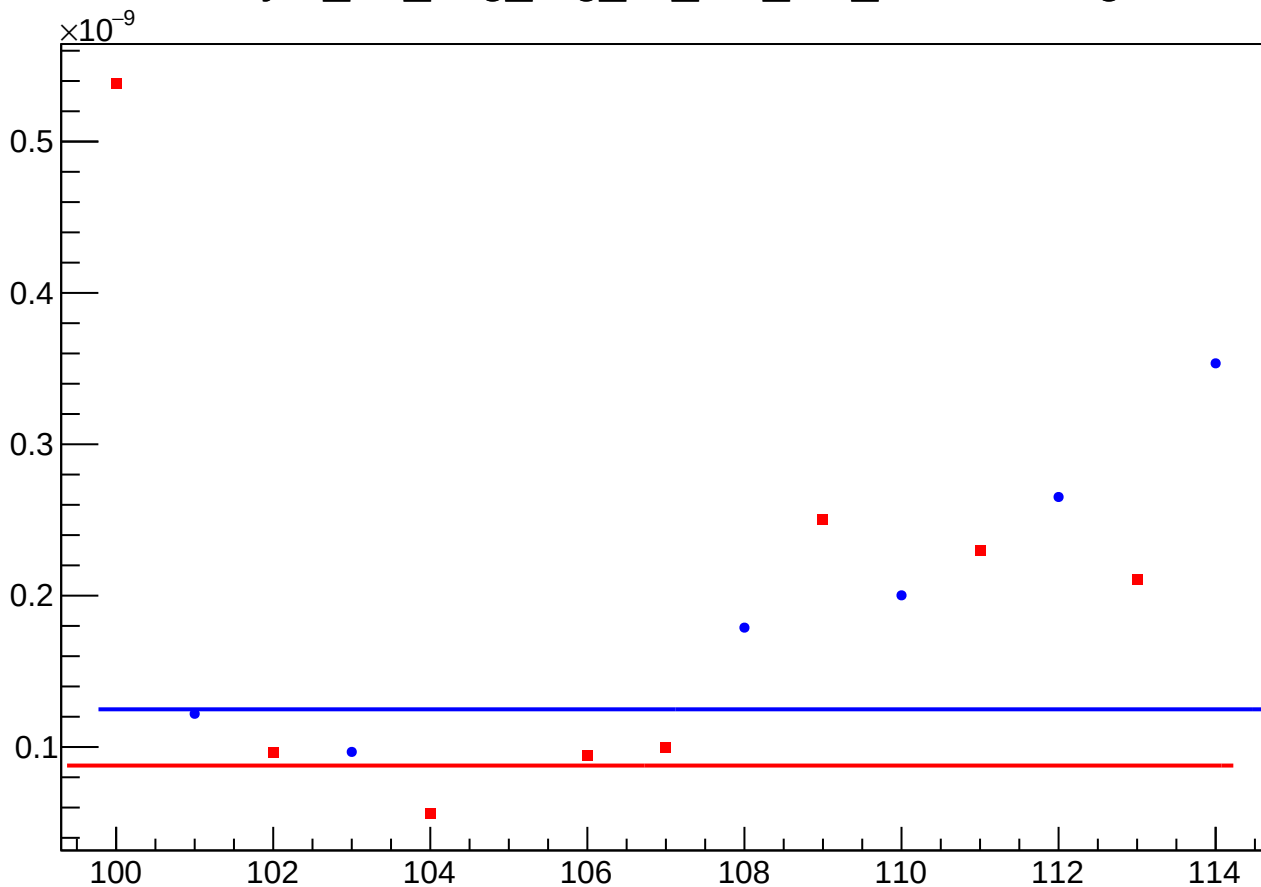
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 300523.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 684858.8/7

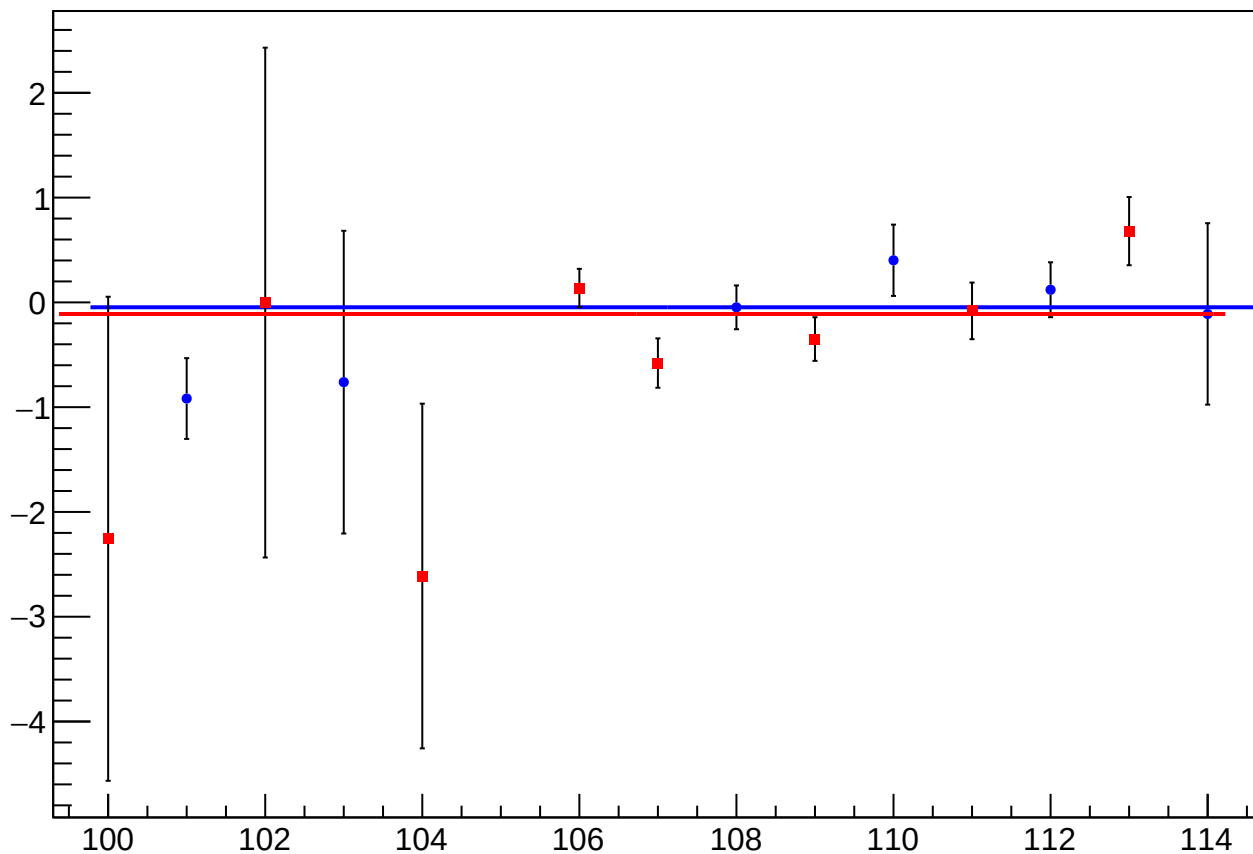
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1118567.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.047 ± 0.135 χ^2/NDF : 7.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.111 ± 0.103 χ^2/NDF : 16.2/7

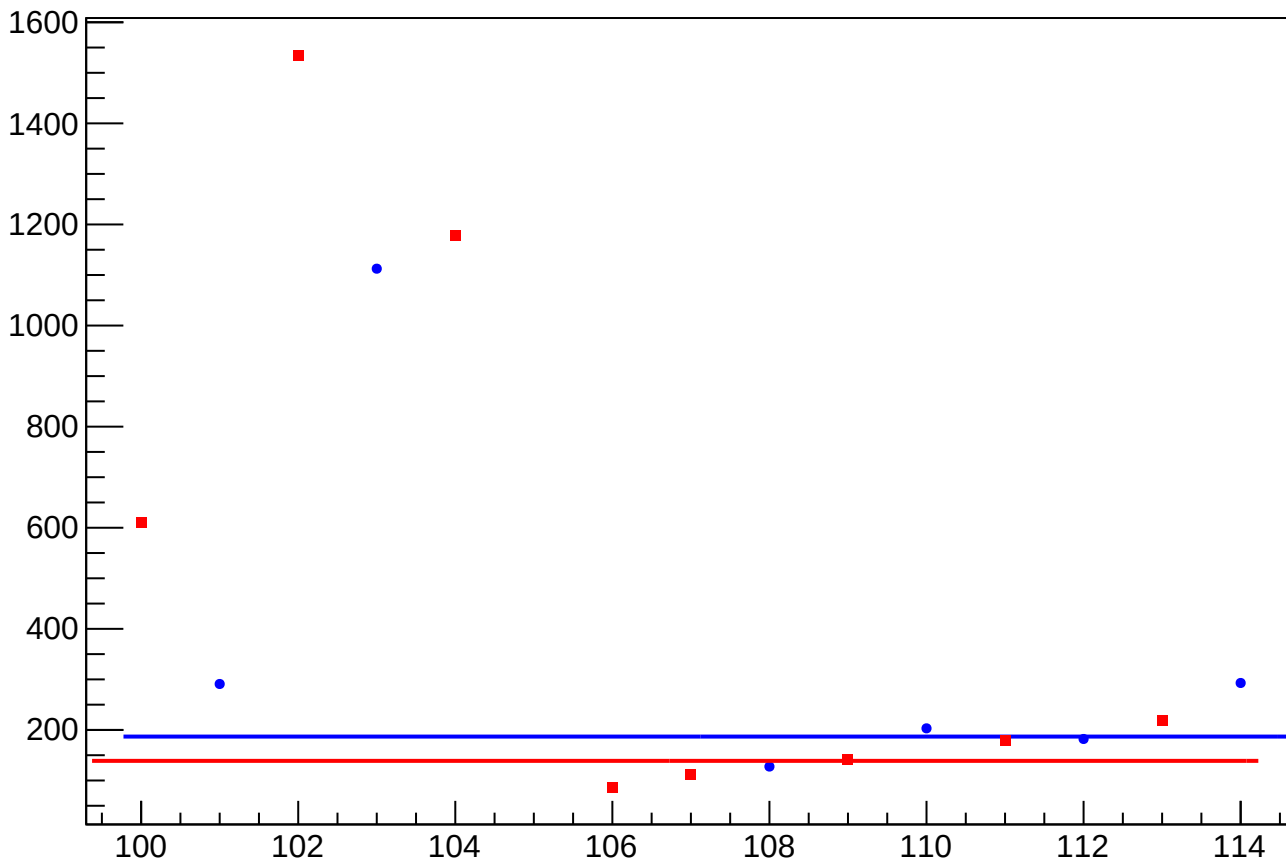
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.082 χ^2/NDF : 23.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 186.886 $\pm$ 0.096 χ^2 /NDF: 1163094.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

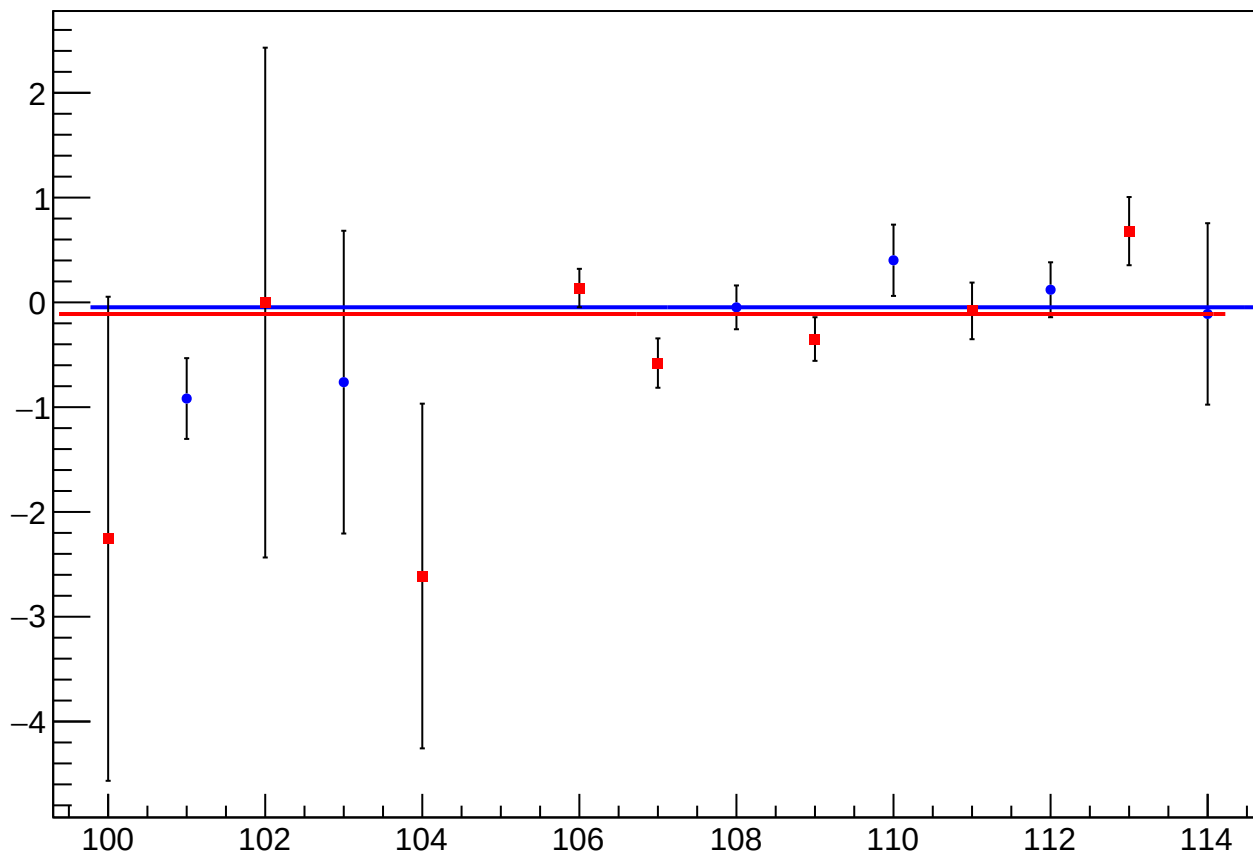
Right Out: 138.832 $\pm$ 0.073 χ^2 /NDF: 1897574.2/7

All: 156.403 $\pm$ 0.058 χ^2 /NDF: 3220721.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.047 ± 0.135 χ^2/NDF : 7.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.111 ± 0.103 χ^2/NDF : 16.2/7

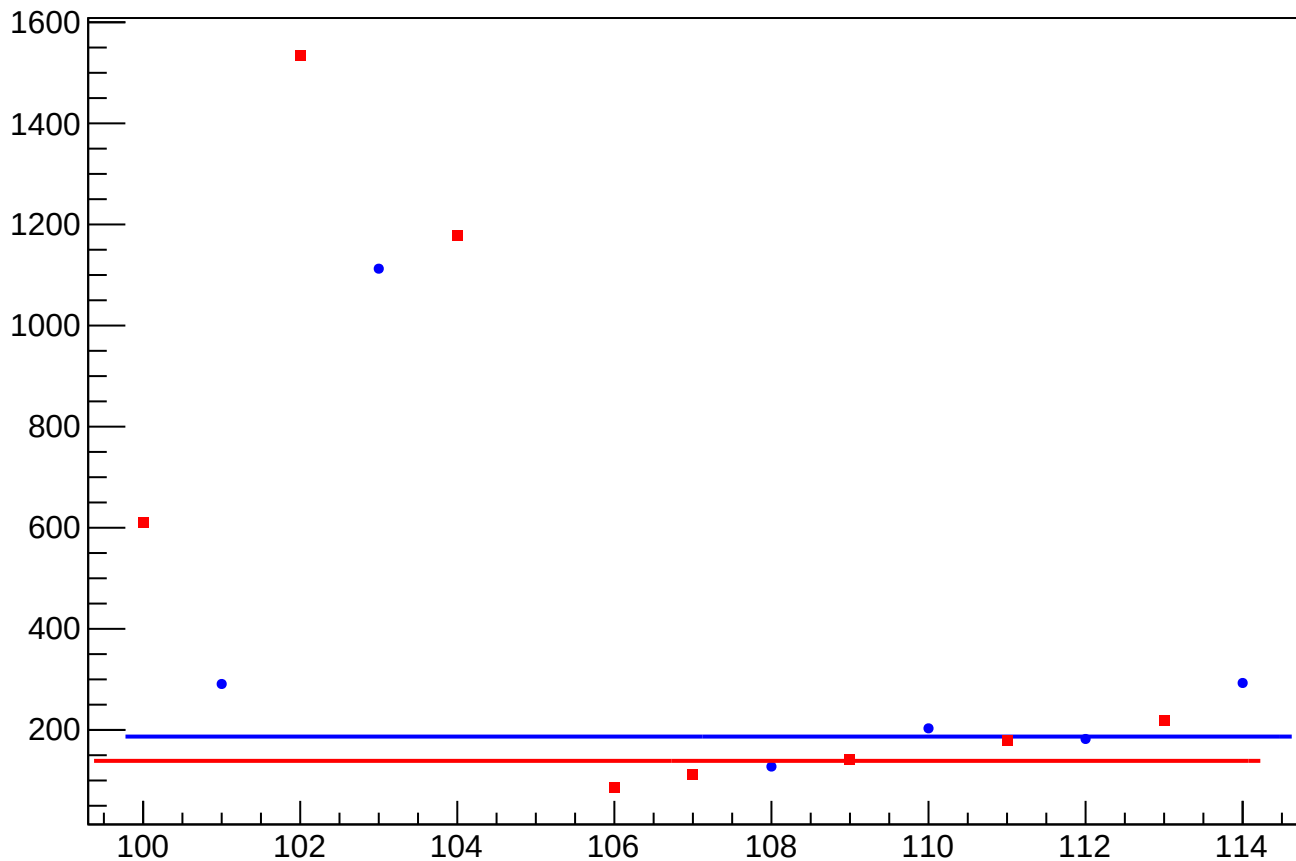
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.082 χ^2/NDF : 23.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 186.886 $\pm$ 0.096 χ^2 /NDF: 1163094.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.832 $\pm$ 0.073 χ^2 /NDF: 1897574.2/7

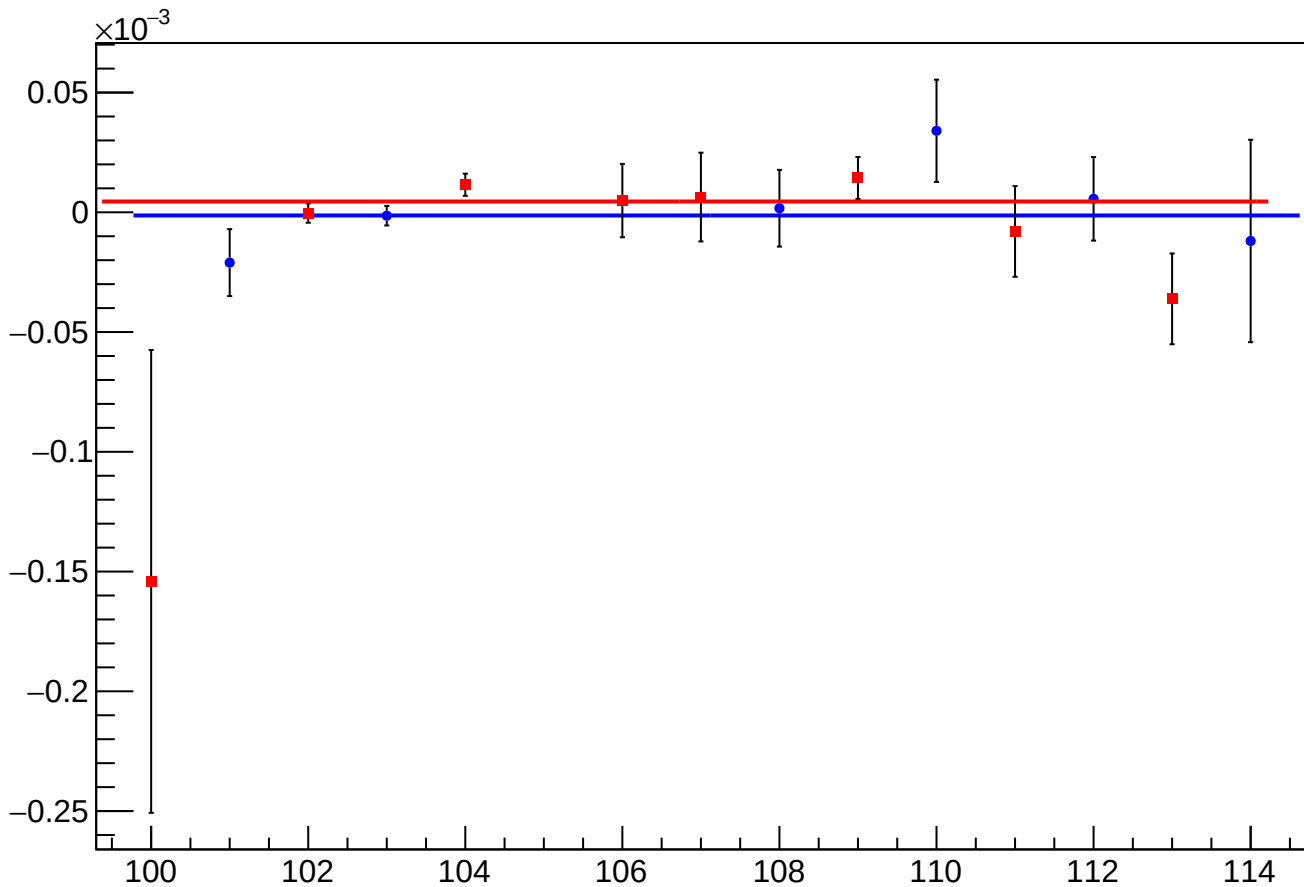
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.403 $\pm$ 0.058 χ^2 /NDF: 3220721.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 5.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.7/7

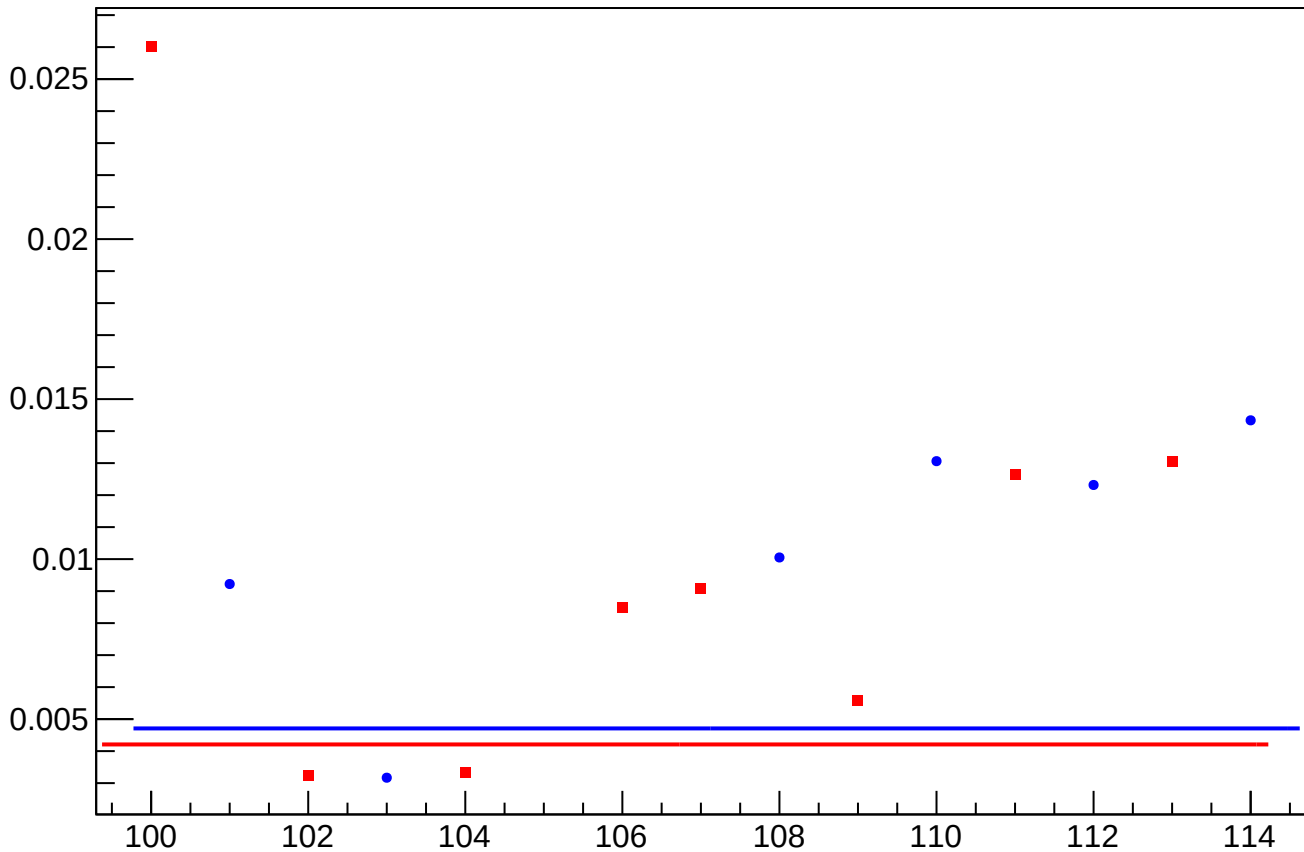
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1506660.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1466246.7/7

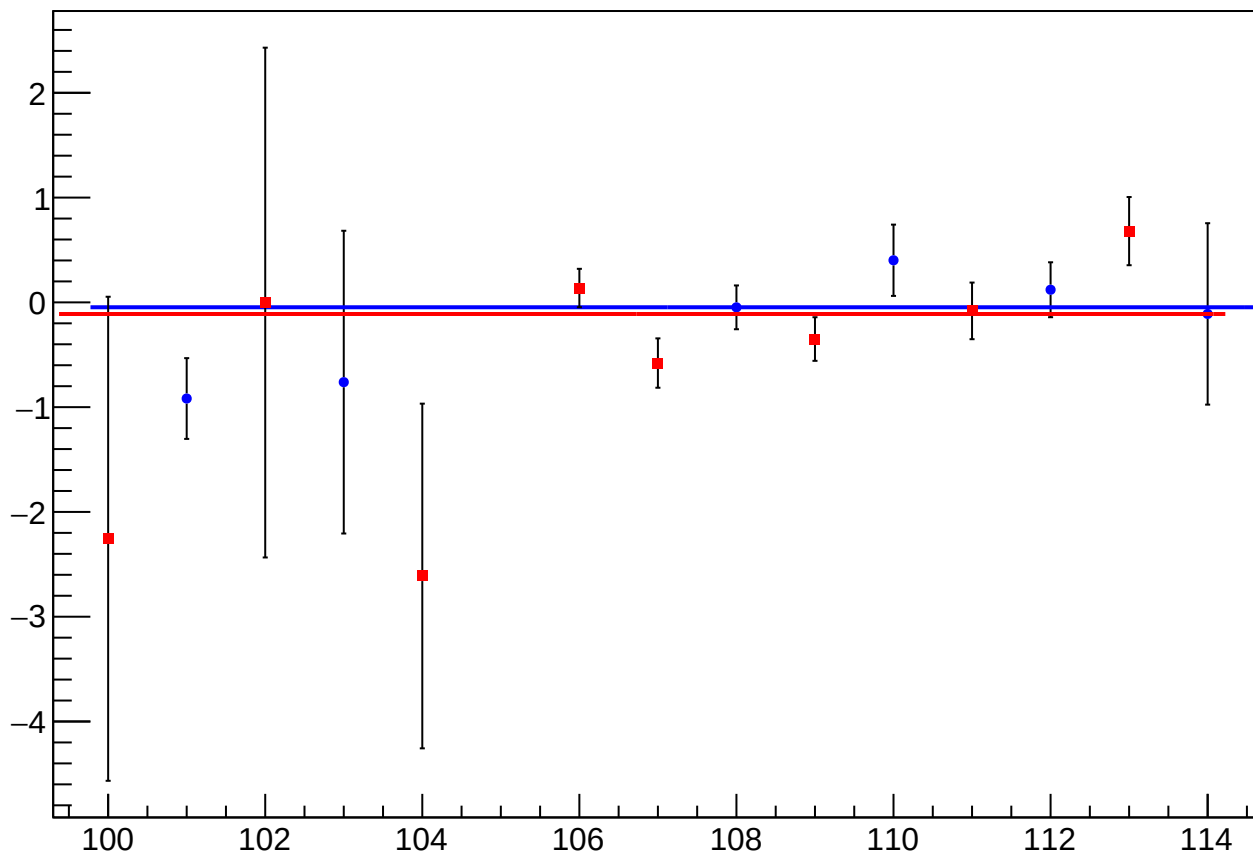
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2997066.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.047 $\pm$ 0.135 χ^2 /NDF: 7.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.111 $\pm$ 0.103 χ^2 /NDF: 16.2/7

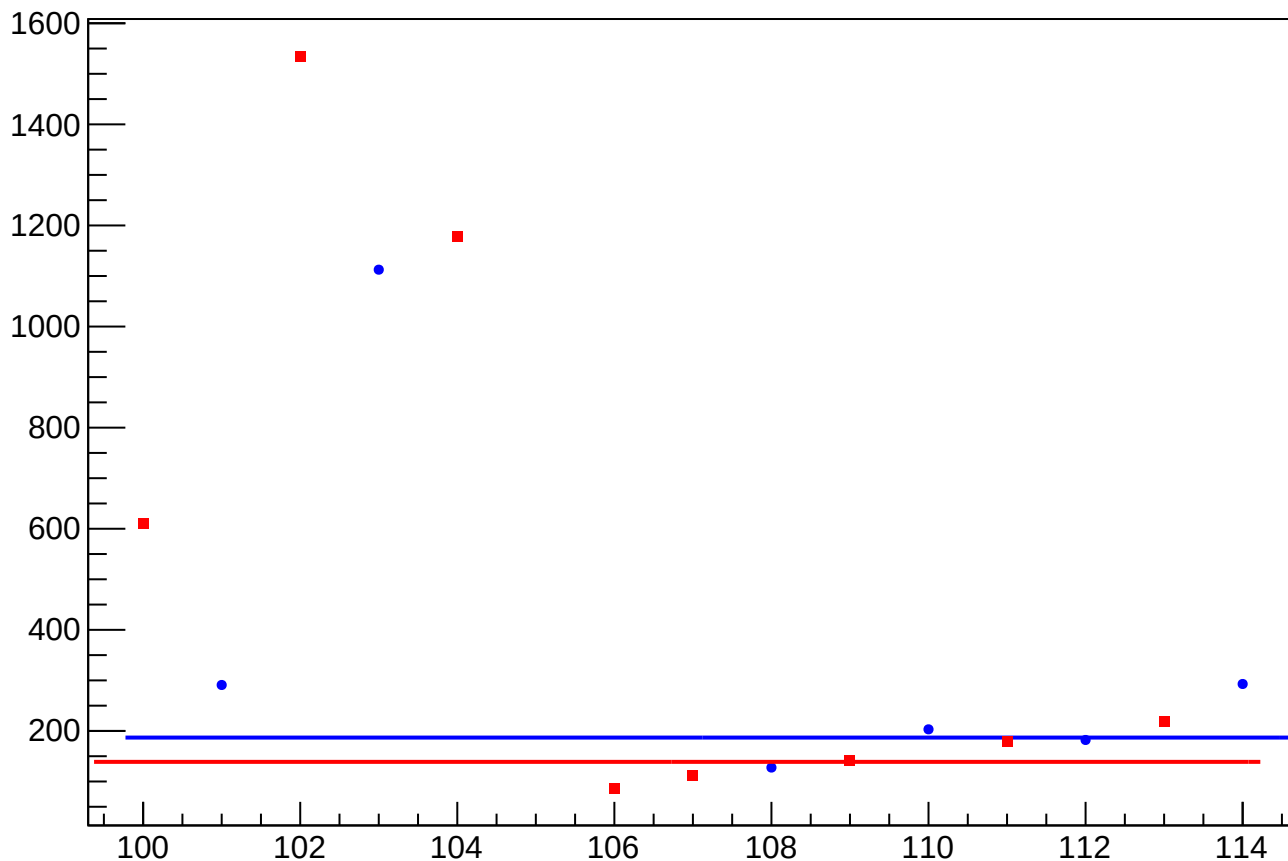
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.087 $\pm$ 0.082 χ^2 /NDF: 23.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 186.887 $\pm$ 0.096 χ^2 /NDF: 1163099.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.833 $\pm$ 0.073 χ^2 /NDF: 1897575.5/7

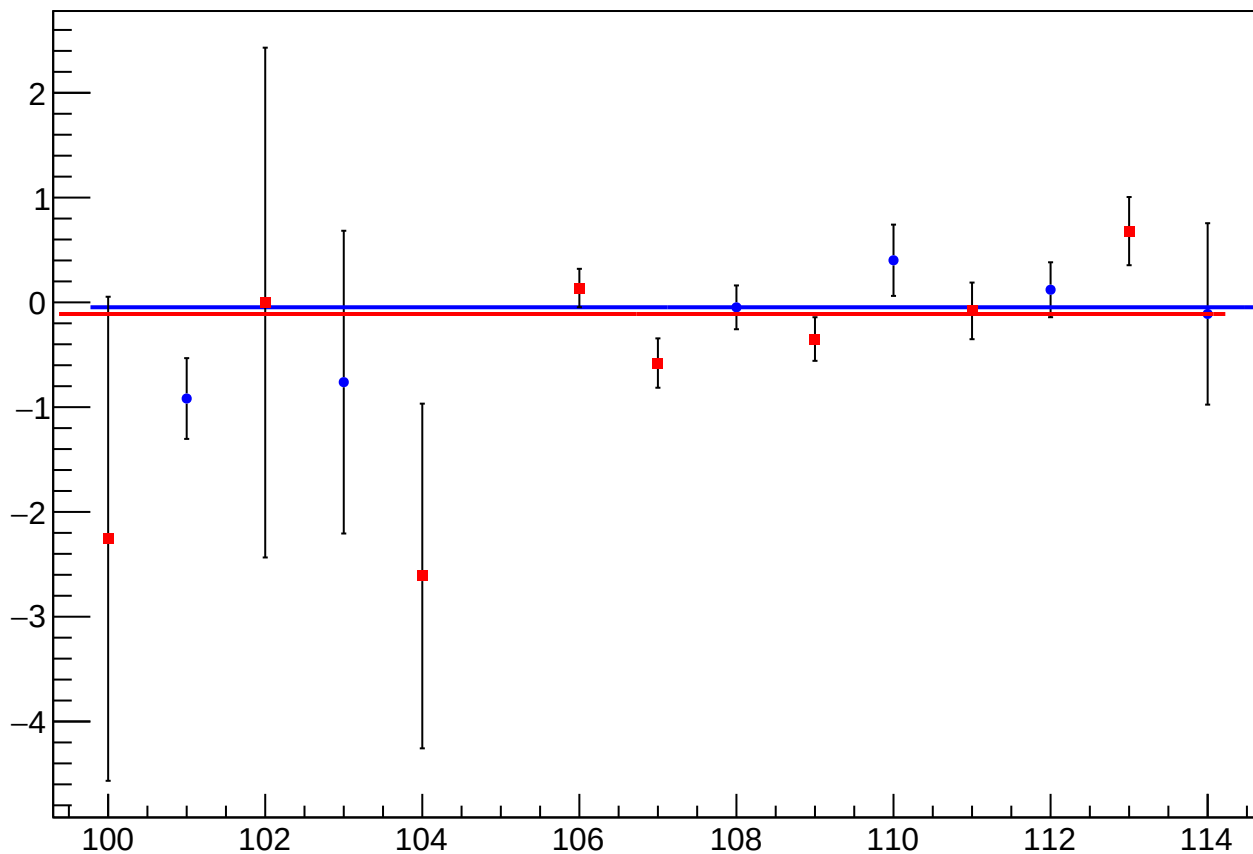
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.404 $\pm$ 0.058 χ^2 /NDF: 3220729.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.047 ± 0.135 χ^2/NDF : 7.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.111 ± 0.103 χ^2/NDF : 16.2/7

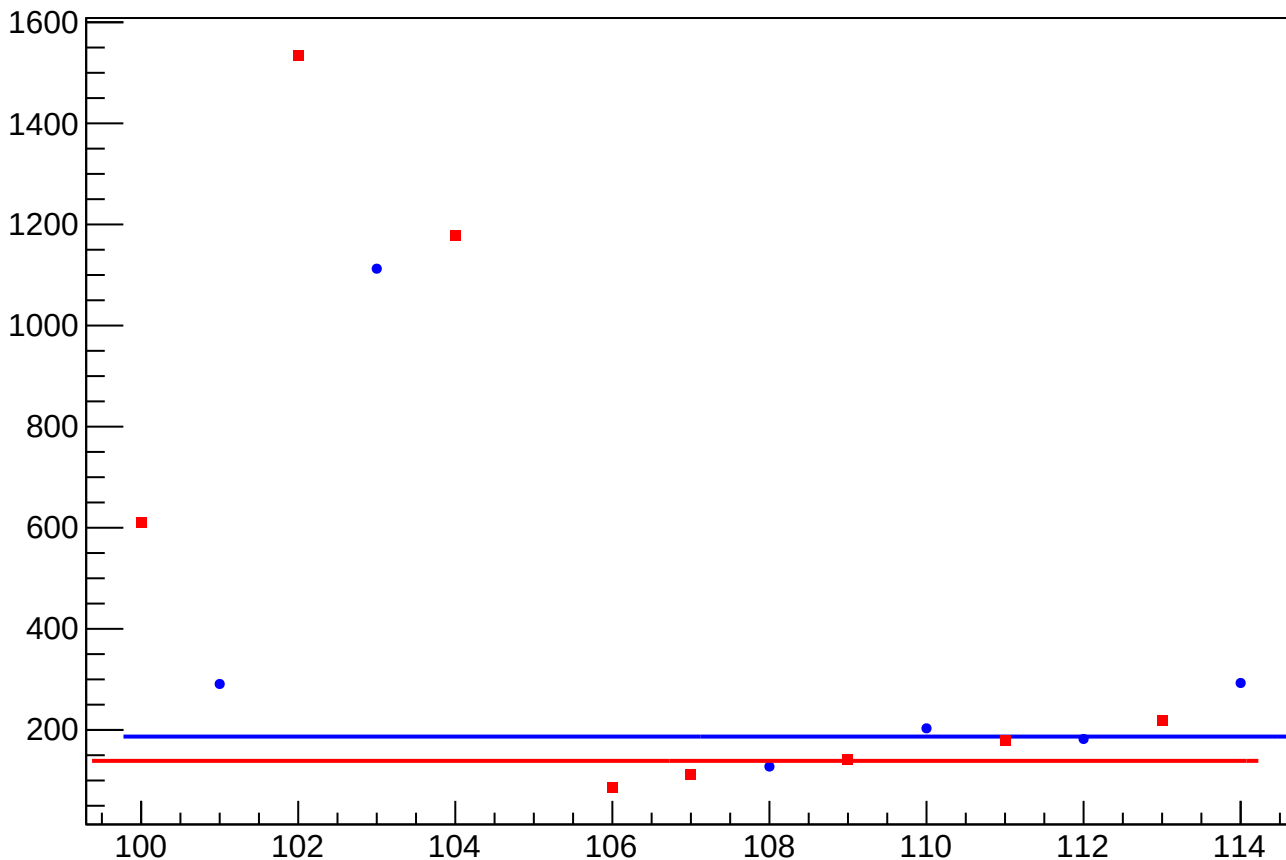
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.082 χ^2/NDF : 23.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 186.887 $\pm$ 0.096 χ^2 /NDF: 1163099.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

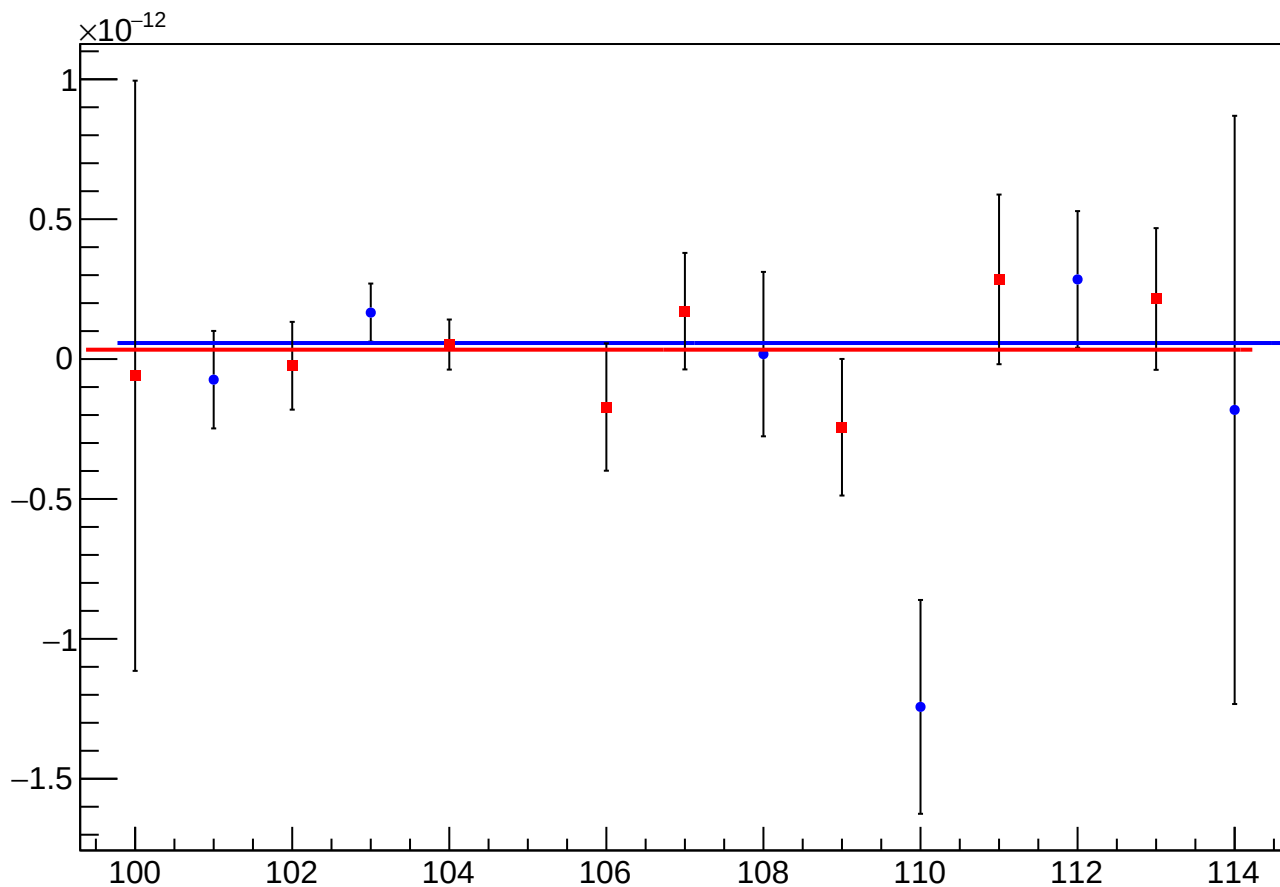
Right Out: 138.833 $\pm$ 0.073 χ^2 /NDF: 1897575.5/7

All: 156.404 $\pm$ 0.058 χ^2 /NDF: 3220729.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.9/7

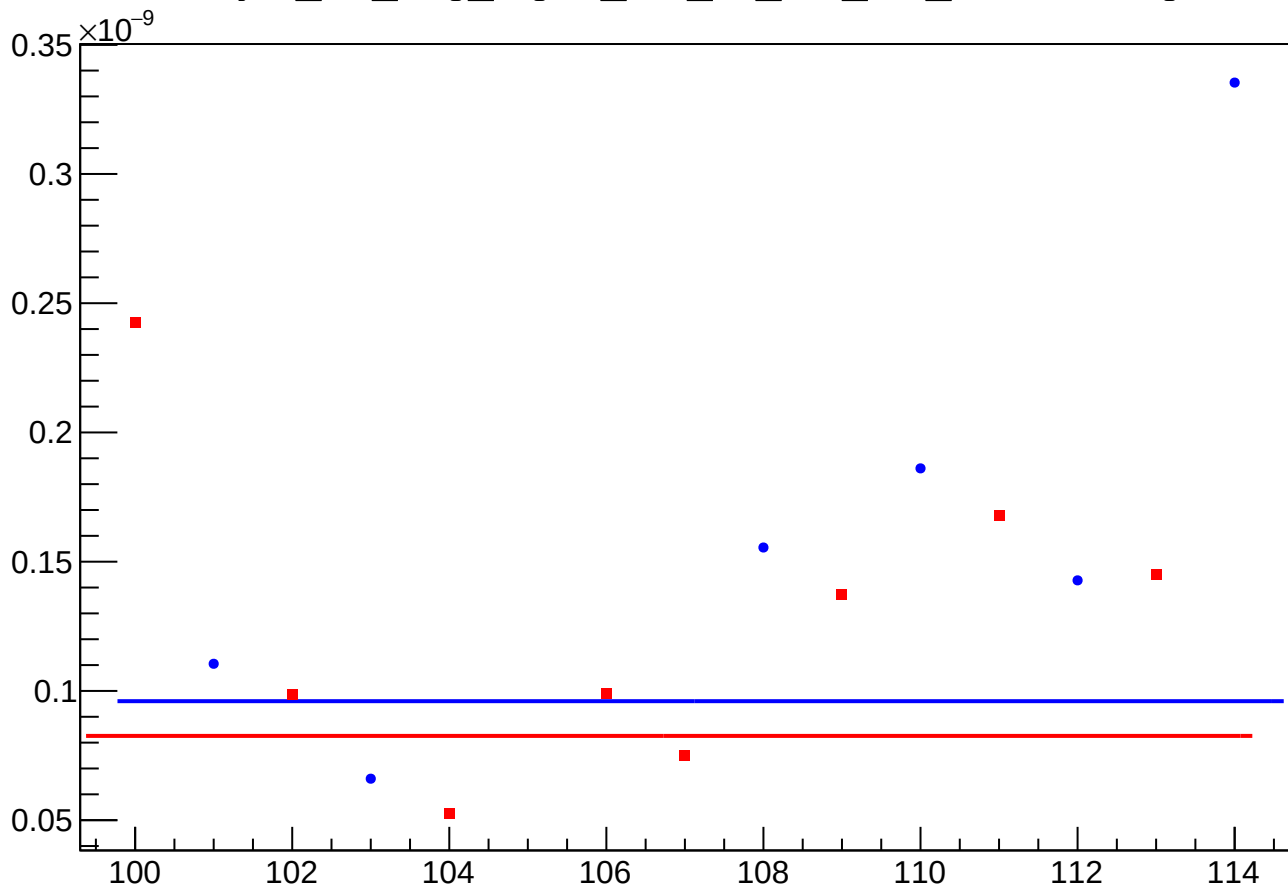
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 550621.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 685735.5/7

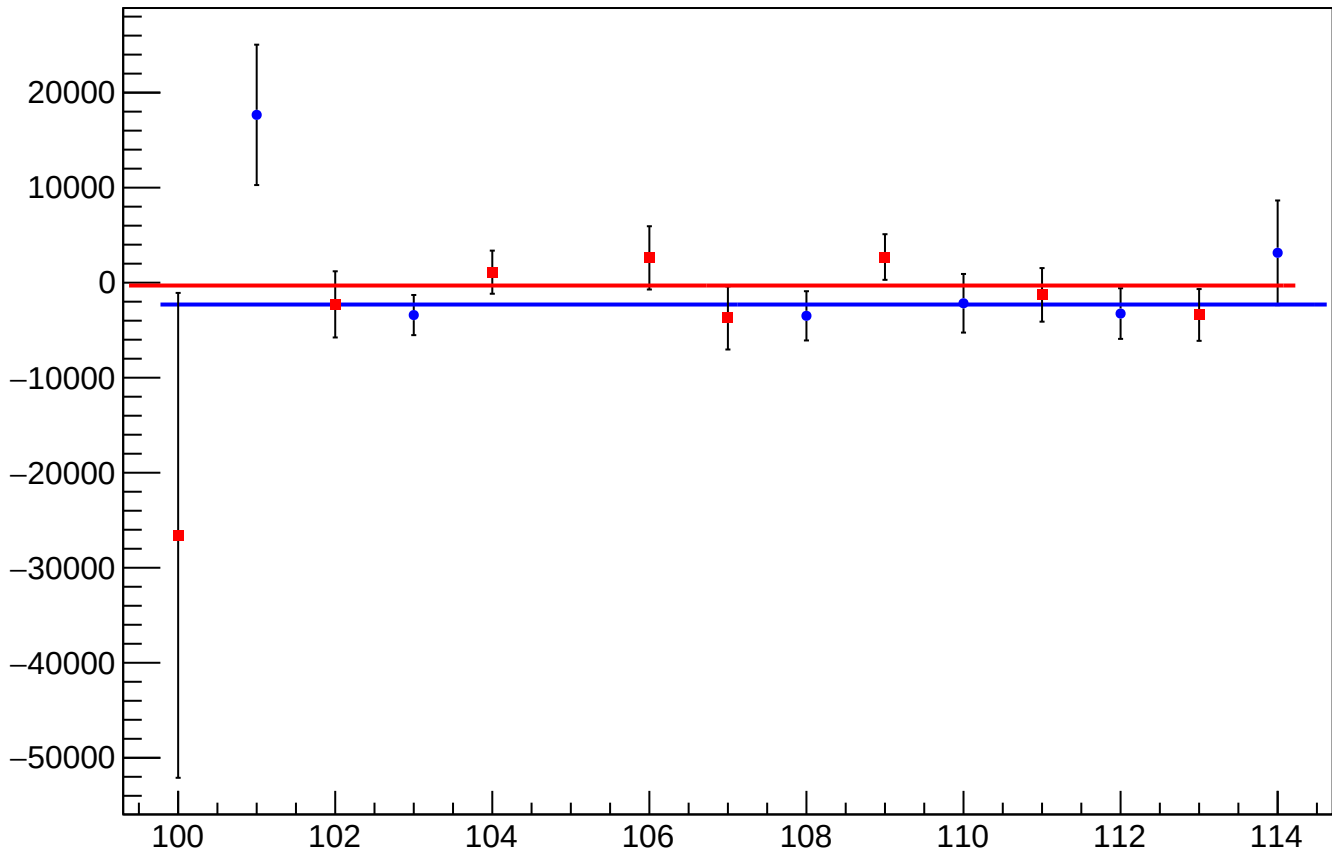
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1271933.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -2299.883+/-1221.595 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -299.895+/-1058.086 χ^2/NDF : 6.6/7

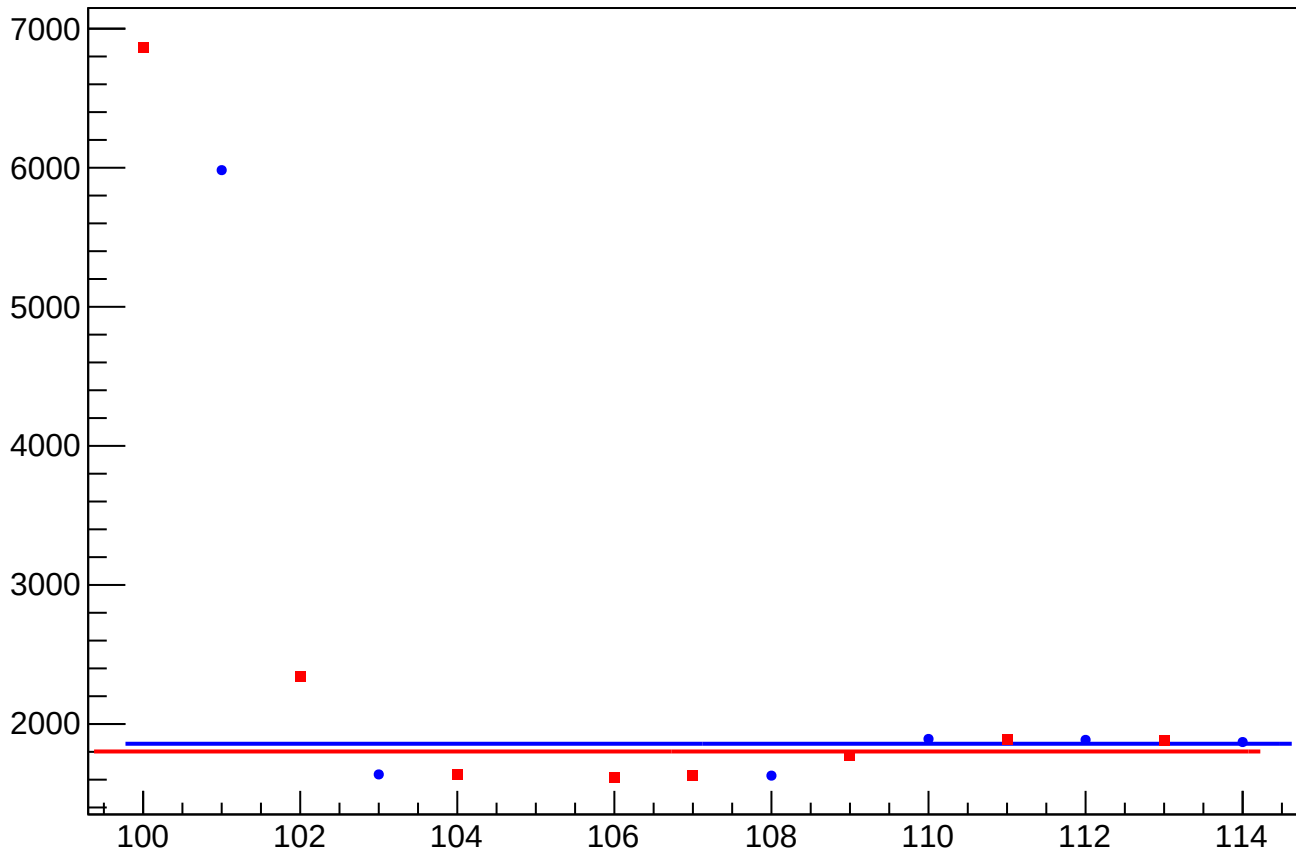
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1157.175+/-799.788 χ^2/NDF : 17.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1858.190+/-0.864 χ^2/NDF : 661447.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1802.611+/-0.742 χ^2/NDF : 154708.7/7

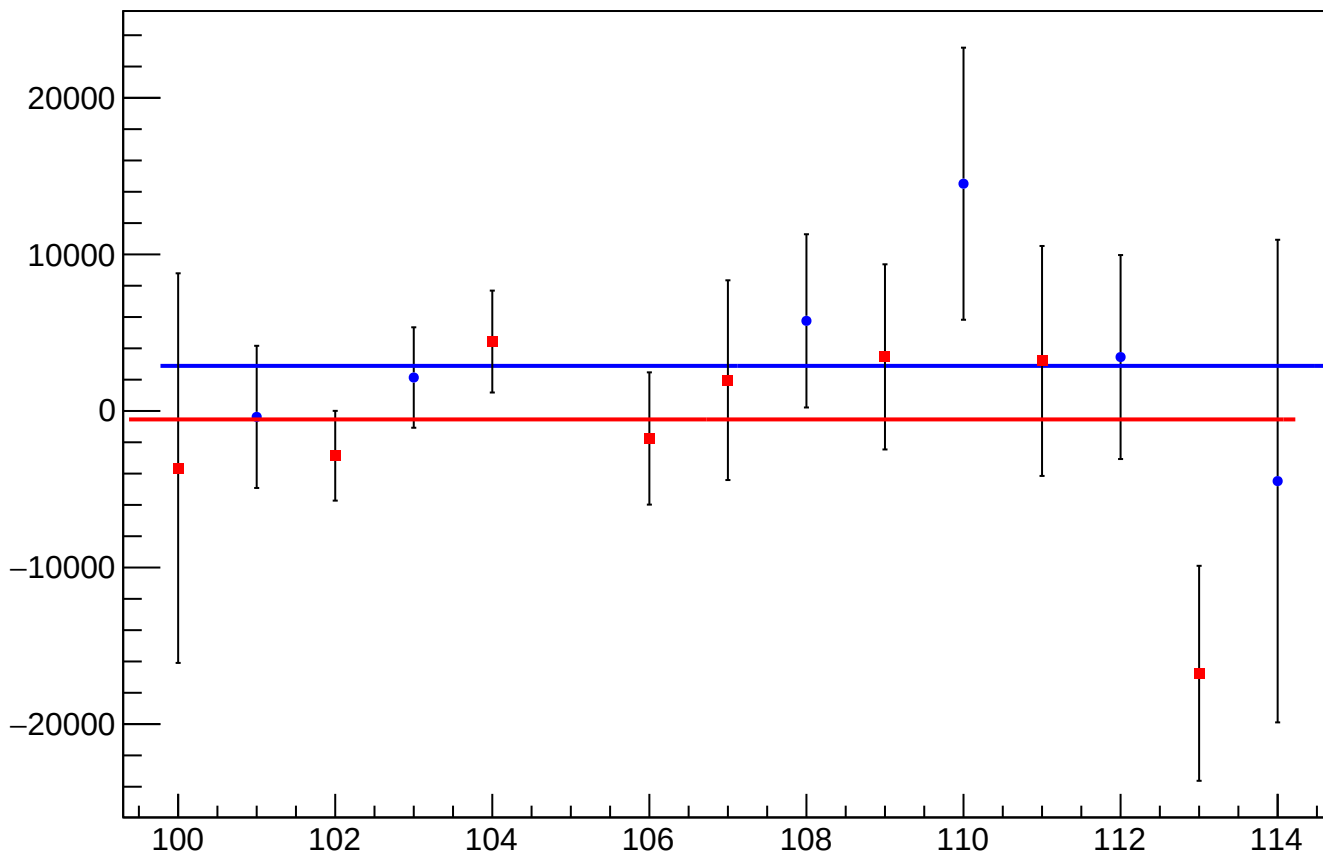
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1826.226+/-0.563 χ^2/NDF : 818537.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 2880.479+/-2135.086 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -539.647+/-1640.558 χ^2/NDF : 9.6/7

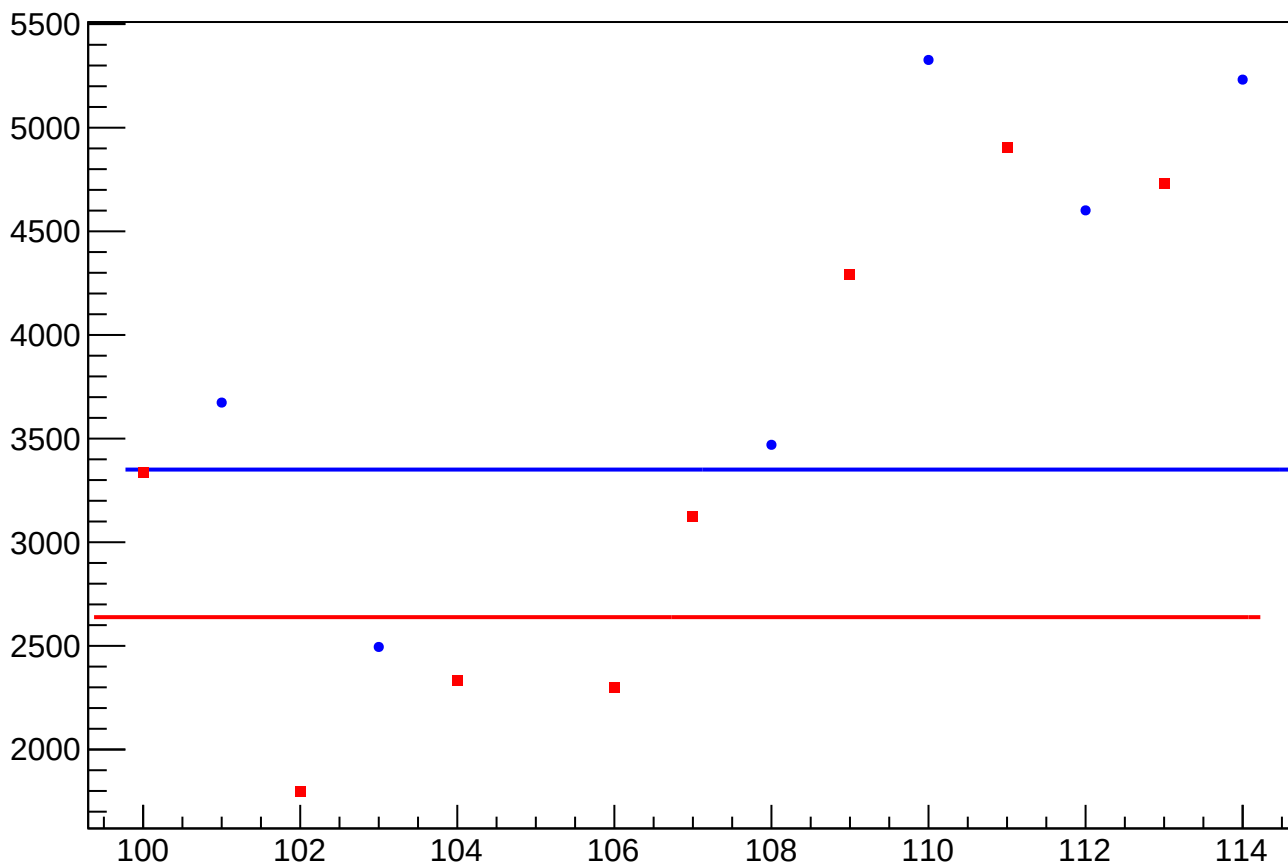
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.008+/-1300.880 χ^2/NDF : 14.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 3350.577 $\pm$ 1.510 χ^2 /NDF: 360346.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2638.586 $\pm$ 1.160 χ^2 /NDF: 753243.4/7

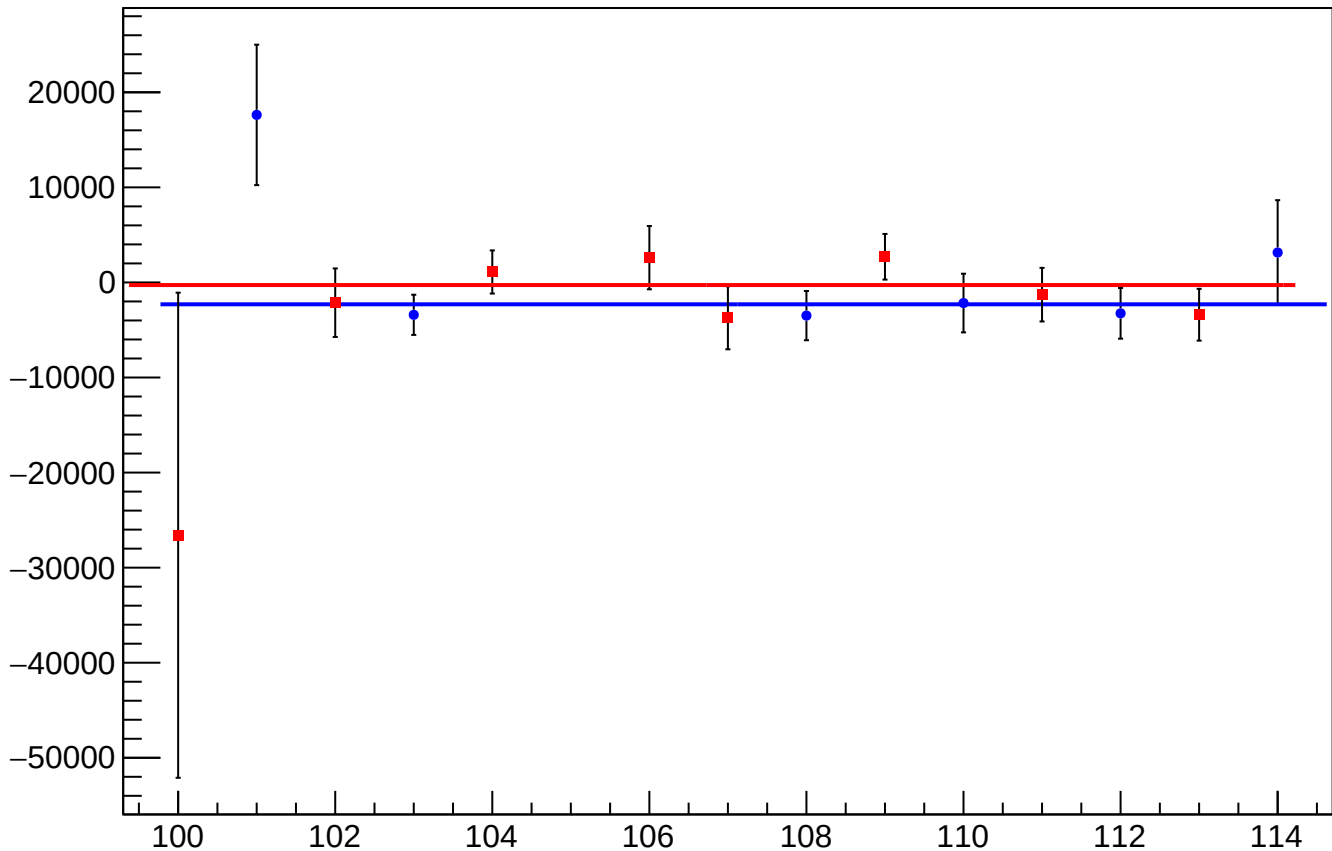
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2902.899 $\pm$ 0.920 χ^2 /NDF: 1253431.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_dd_mean vs Slug



Right In: -2300.571+/-1221.595 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -275.849+/-1061.330 χ^2/NDF : 6.5/7

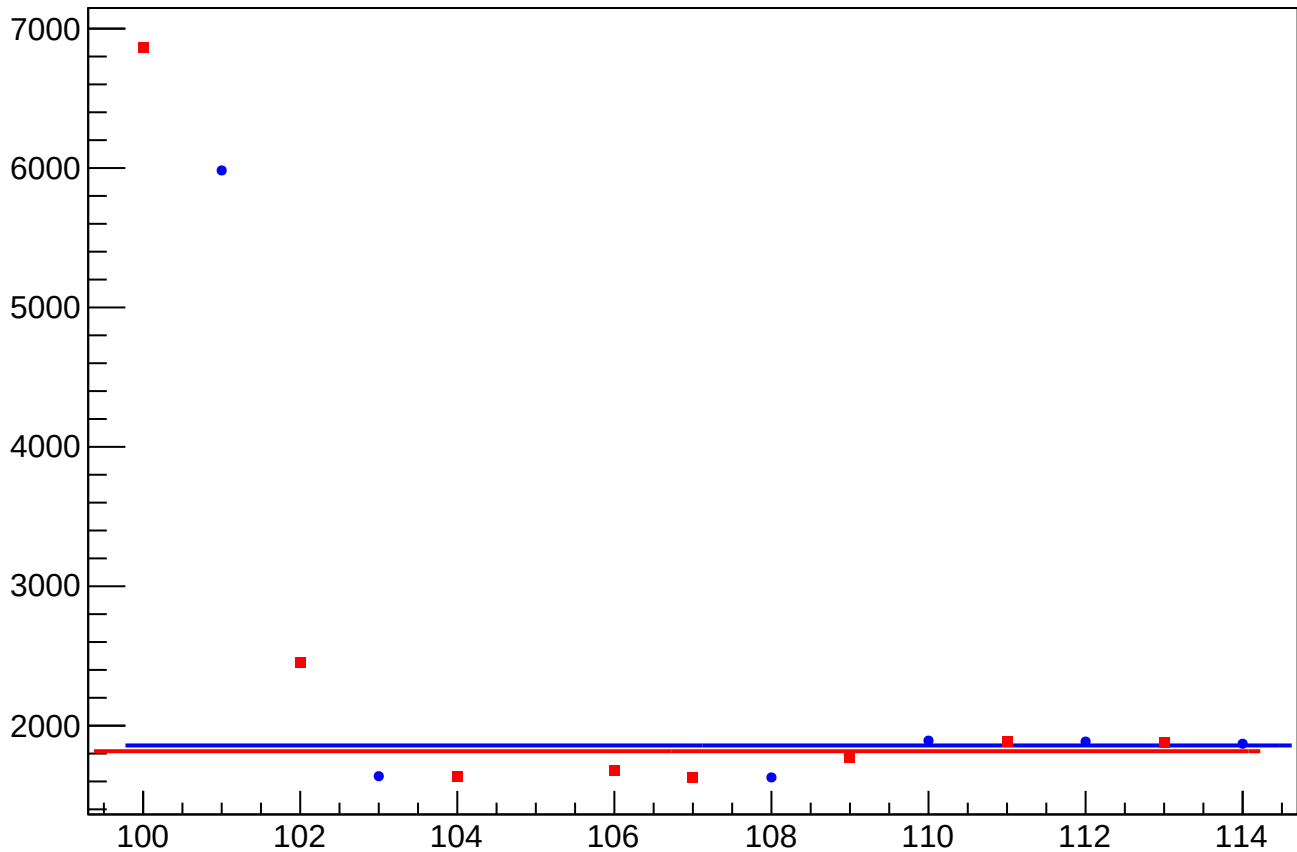
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1146.768+/-801.186 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1858.190+/-0.864 χ^2/NDF : 661447.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1816.884+/-0.748 χ^2/NDF : 167225.8/7

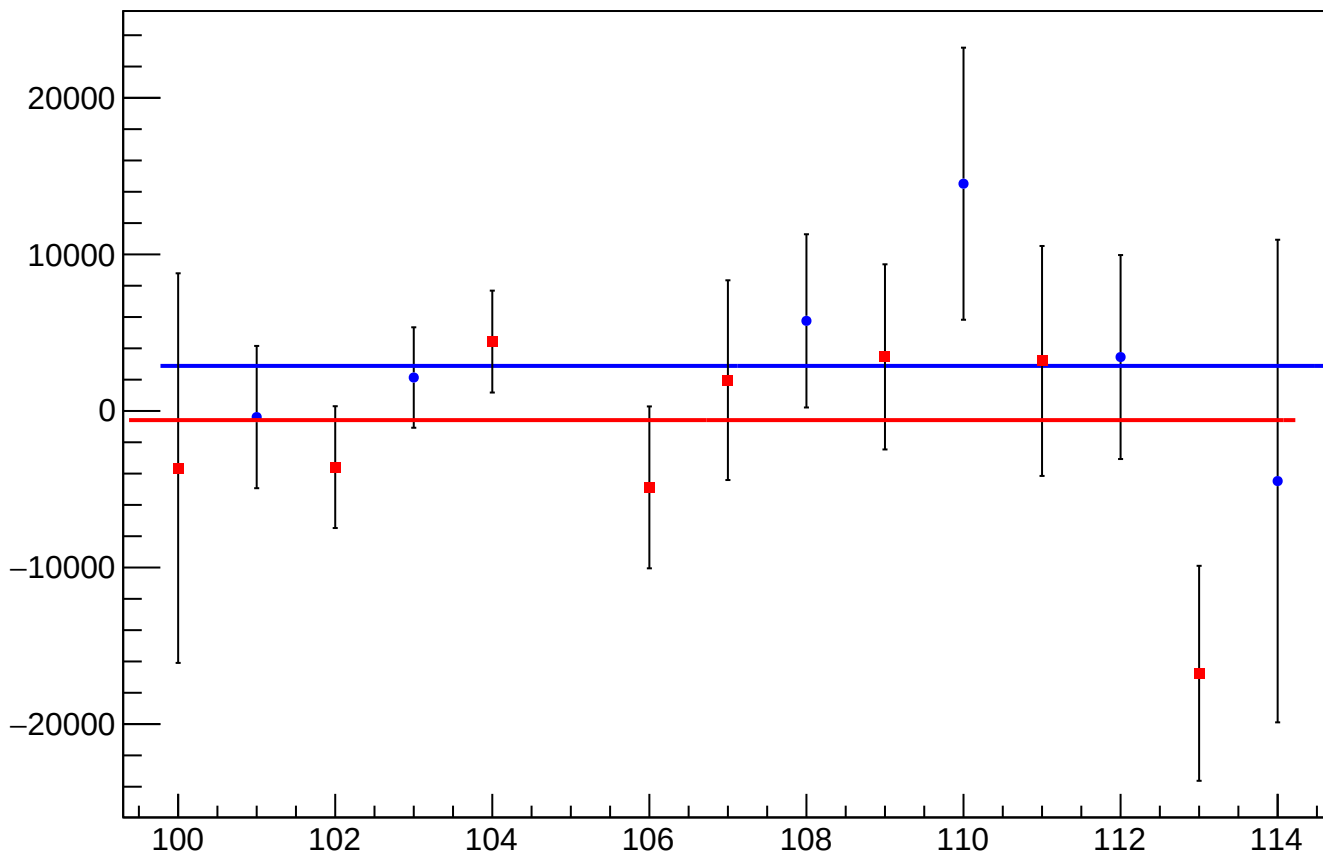
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.580+/-0.565 χ^2/NDF : 829980.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 2878.814+/-2135.608 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -584.257+/-1834.034 χ^2/NDF : 10.2/7

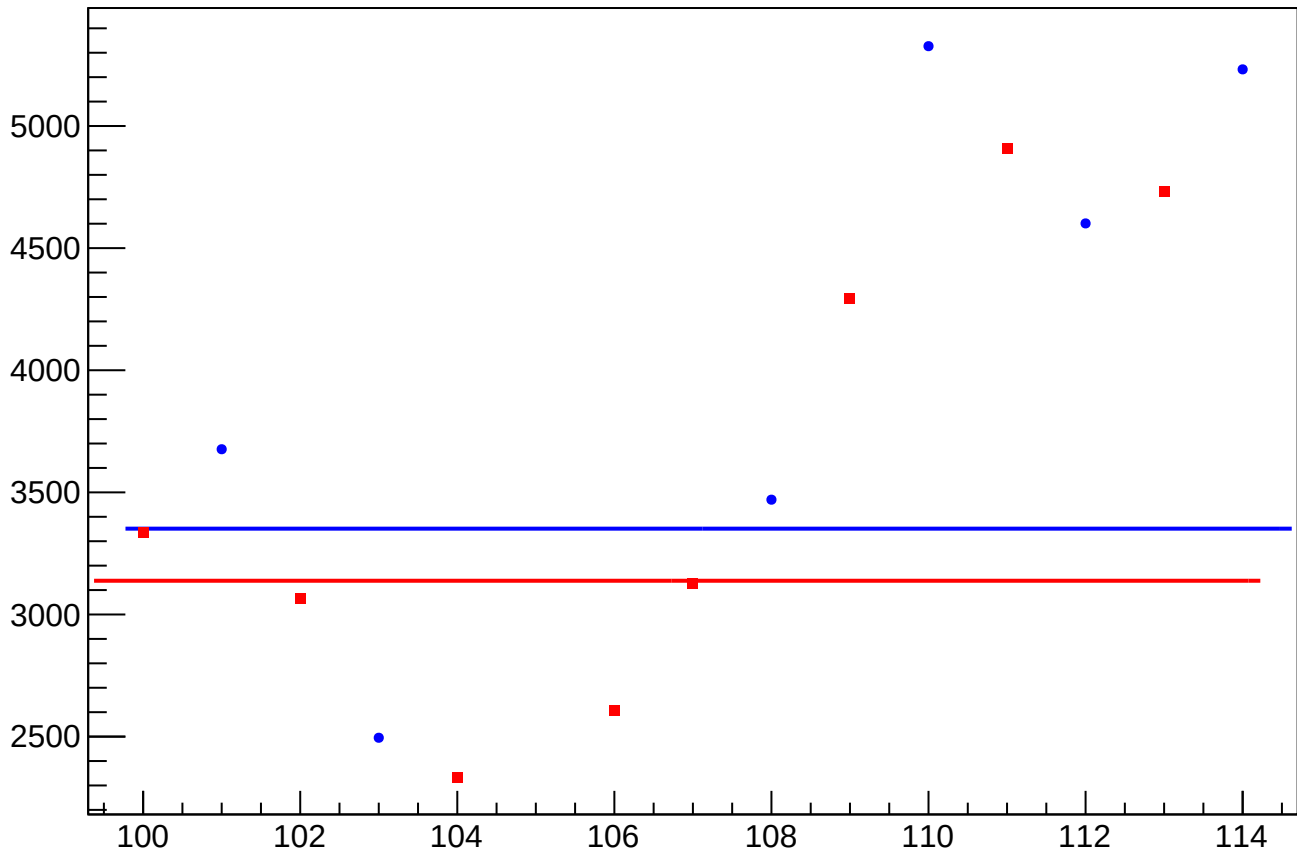
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.698+/-1391.371 χ^2/NDF : 14.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3351.438+/-1.510 χ^2/NDF : 360299.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3138.146+/-1.297 χ^2/NDF : 444097.4/7

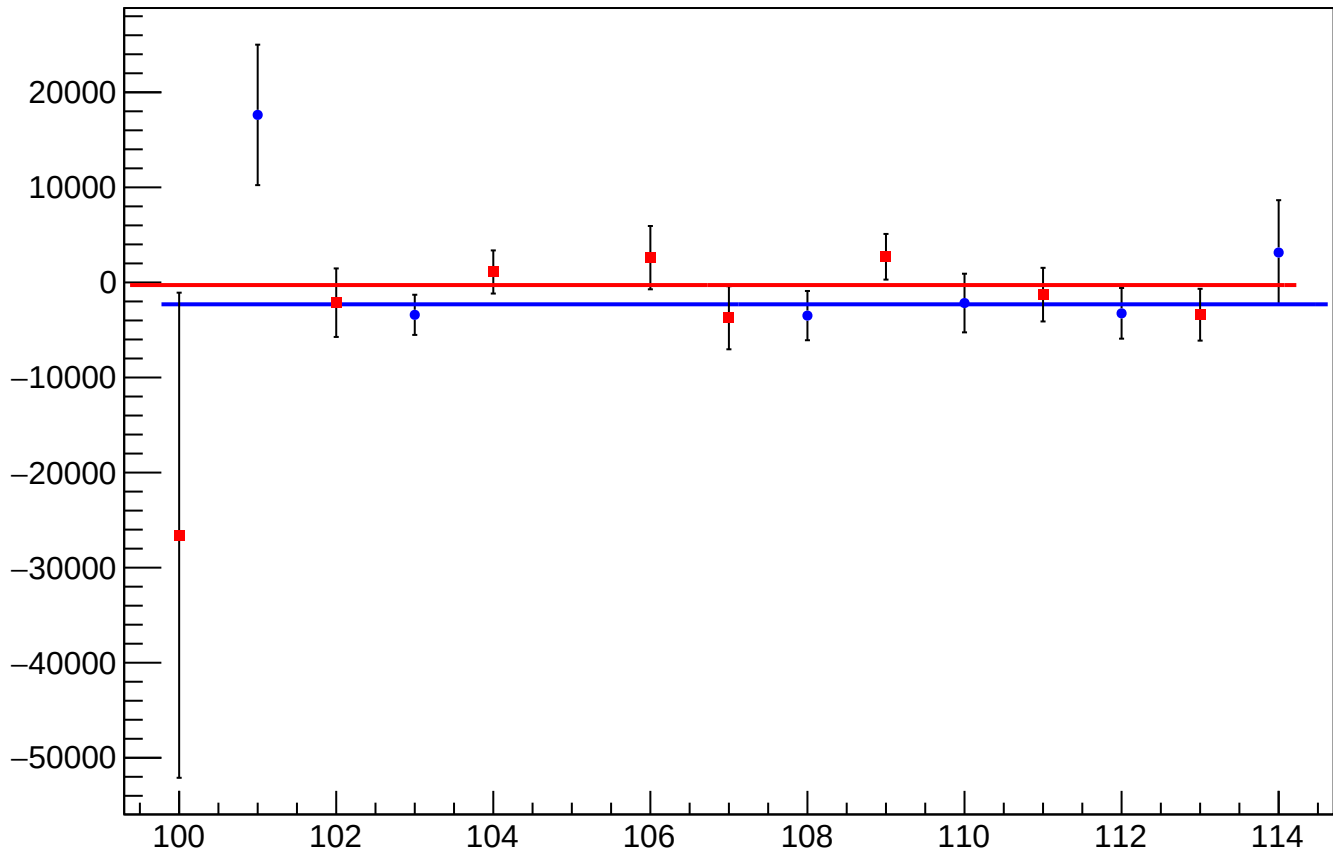
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3228.681+/-0.984 χ^2/NDF : 815878.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_dd_mean vs Slug



Right In: -2300.571 ± 1221.595 χ^2/NDF : 8.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -275.849 ± 1061.330 χ^2/NDF : 6.5/7

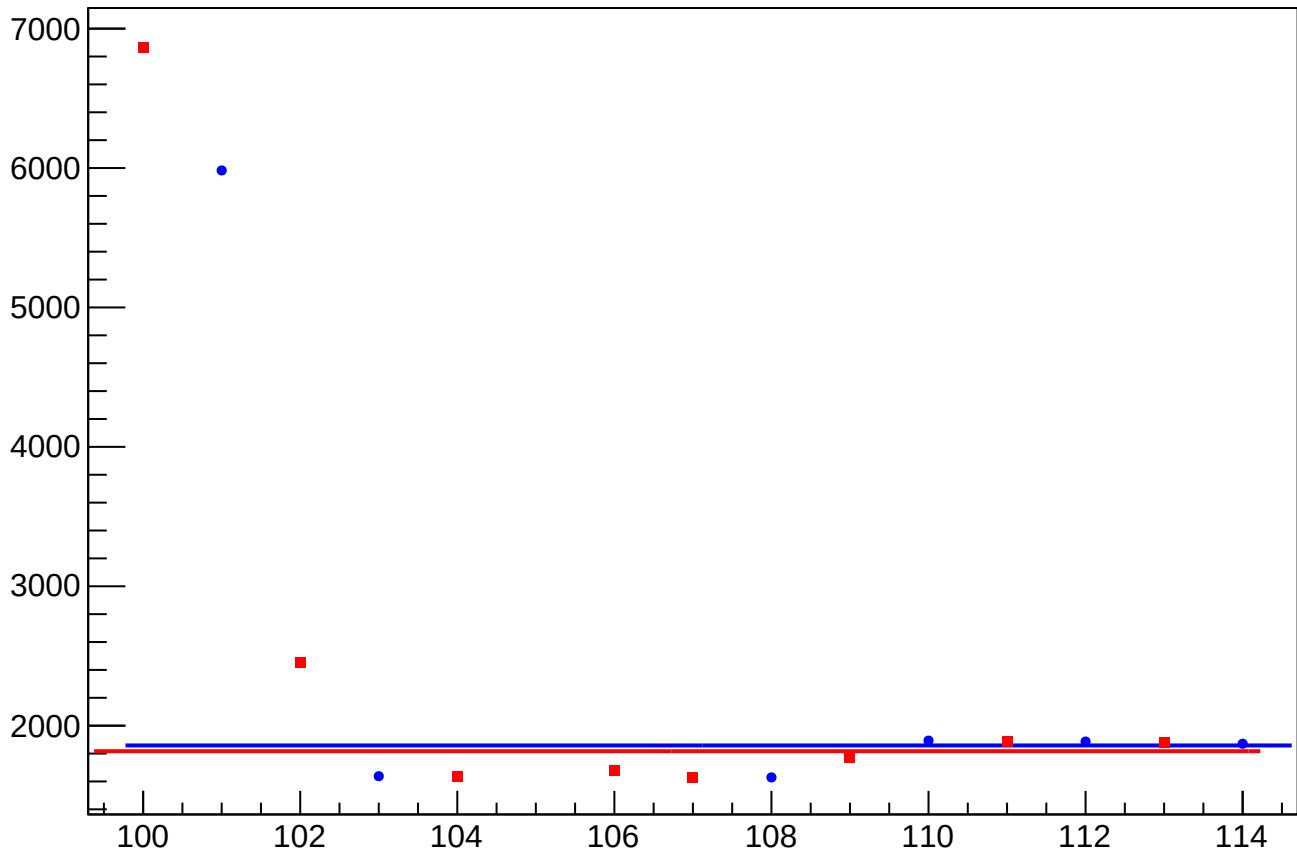
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1146.768 ± 801.186 χ^2/NDF : 16.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1858.190+/-0.864 χ^2/NDF : 661447.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1816.884+/-0.748 χ^2/NDF : 167225.8/7

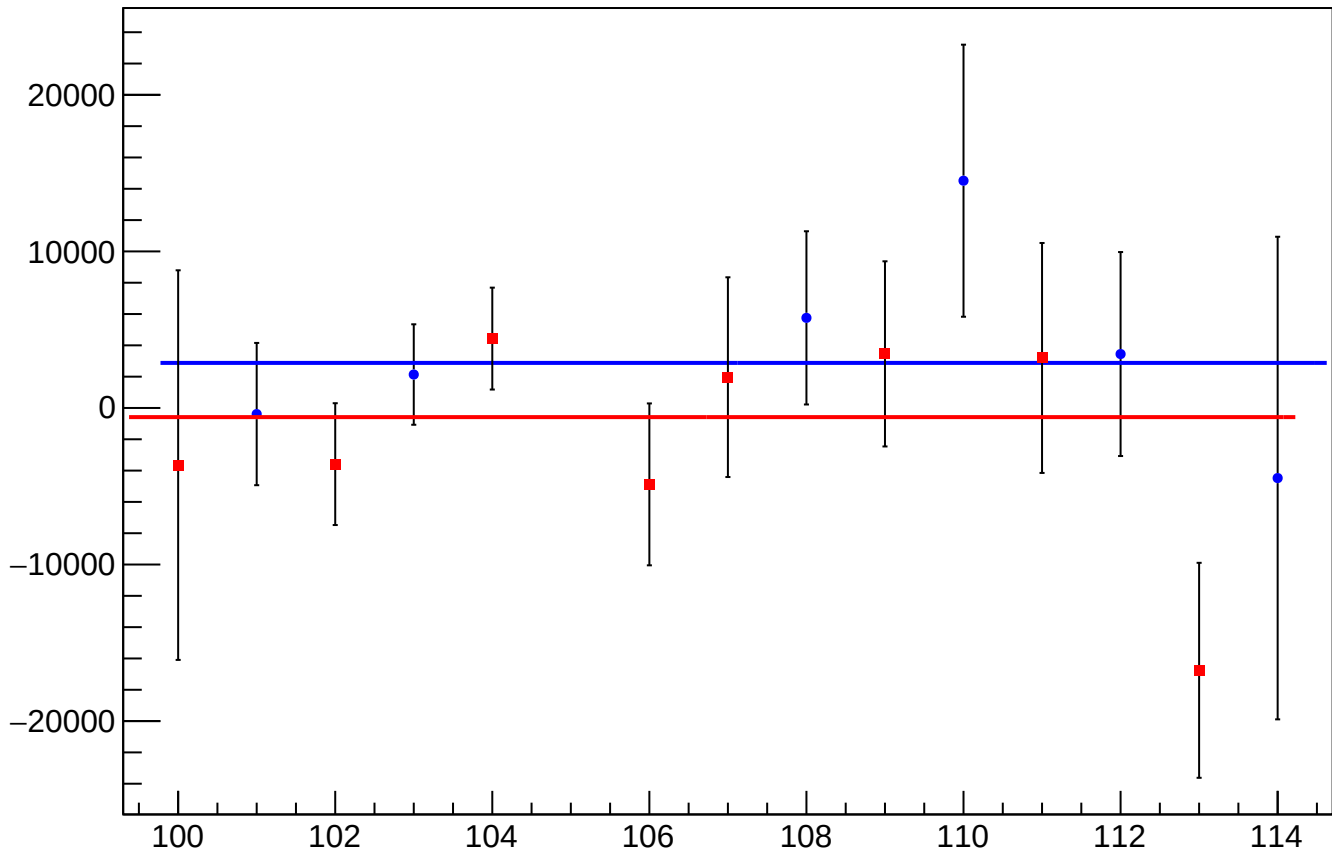
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.580+/-0.565 χ^2/NDF : 829980.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 2878.814+/-2135.608 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -584.257+/-1834.034 χ^2/NDF : 10.2/7

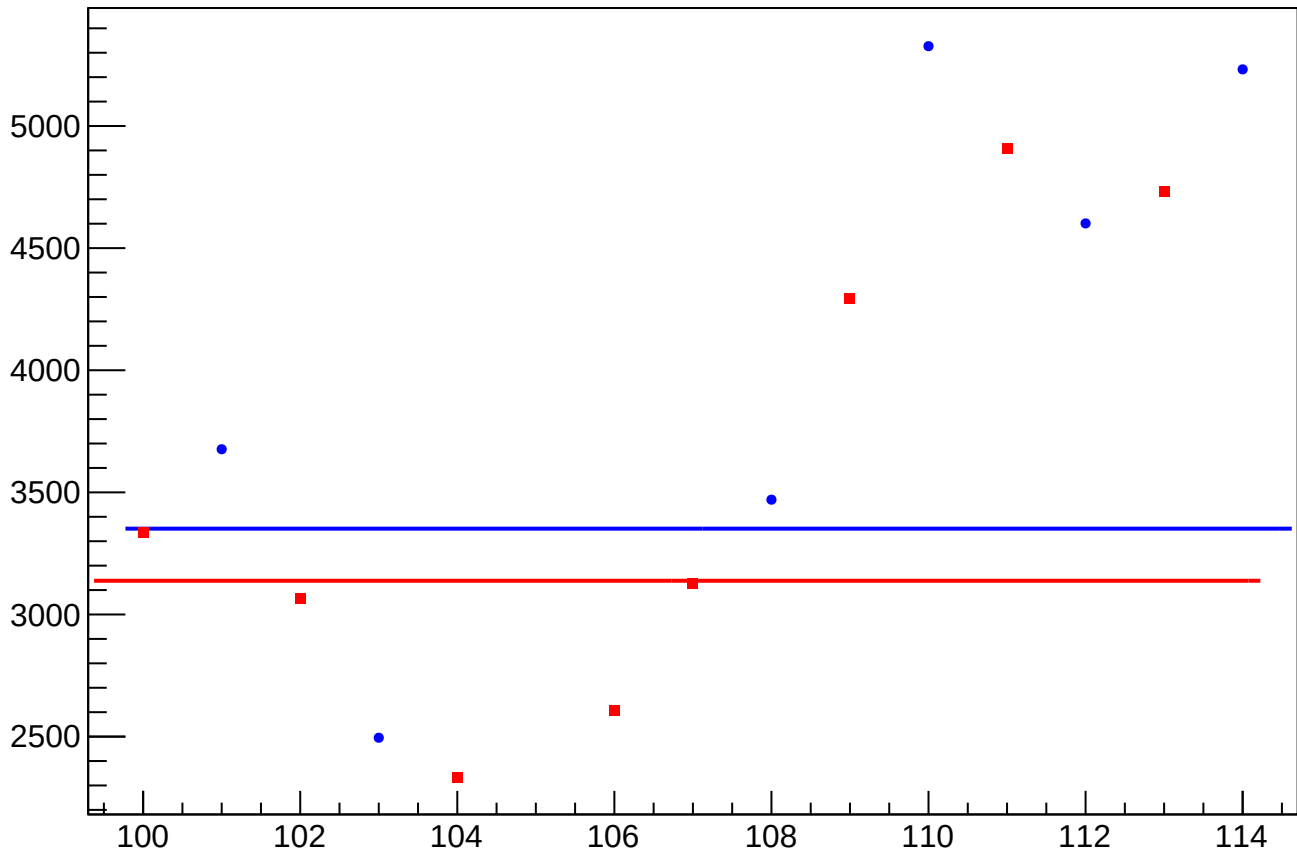
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.698+/-1391.371 χ^2/NDF : 14.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 3351.438+/-1.510 χ^2/NDF : 360299.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

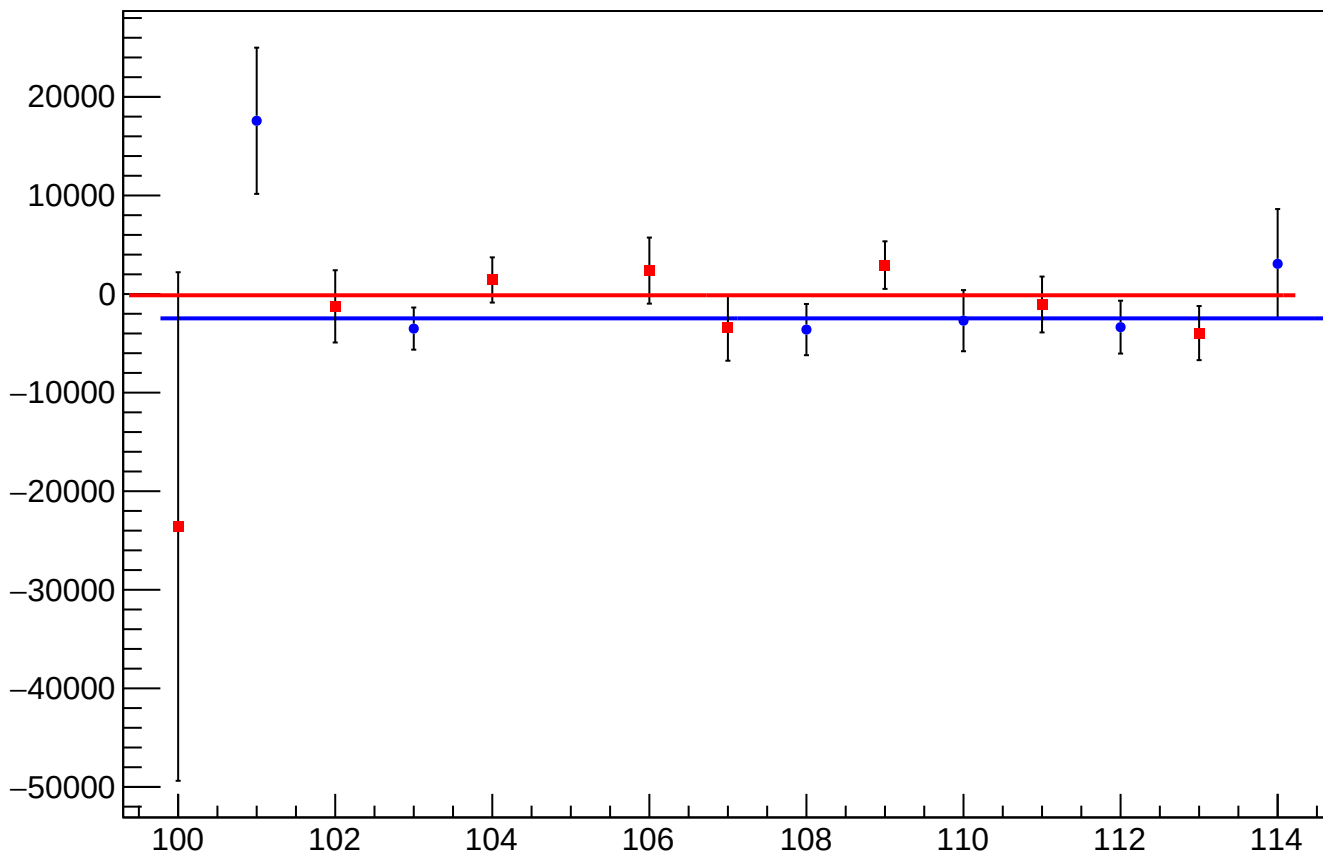
Right Out: 3138.146+/-1.297 χ^2/NDF : 444097.4/7

All: 3228.681+/-0.984 χ^2/NDF : 815878.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_mean vs Slug



Right In: -2466.569±1230.306 χ^2/NDF : 8.8/5

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -123.866±1069.251 χ^2/NDF : 6.6/7

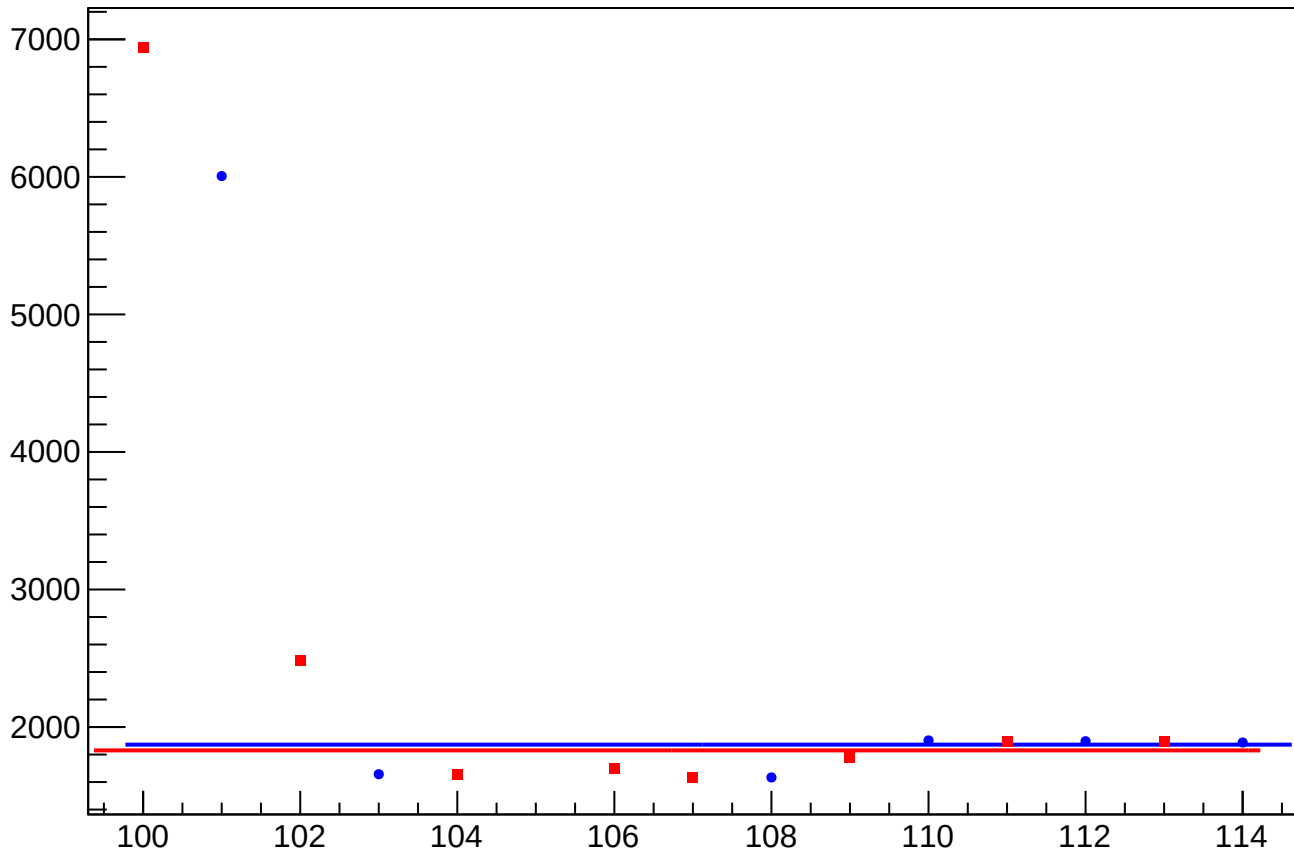
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -1131.941±807.051 χ^2/NDF : 17.5/13

- sign 0.000±0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1871.924 $\pm$ 0.870 χ^2 /NDF: 658913.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1830.151 $\pm$ 0.754 χ^2 /NDF: 167211.5/7

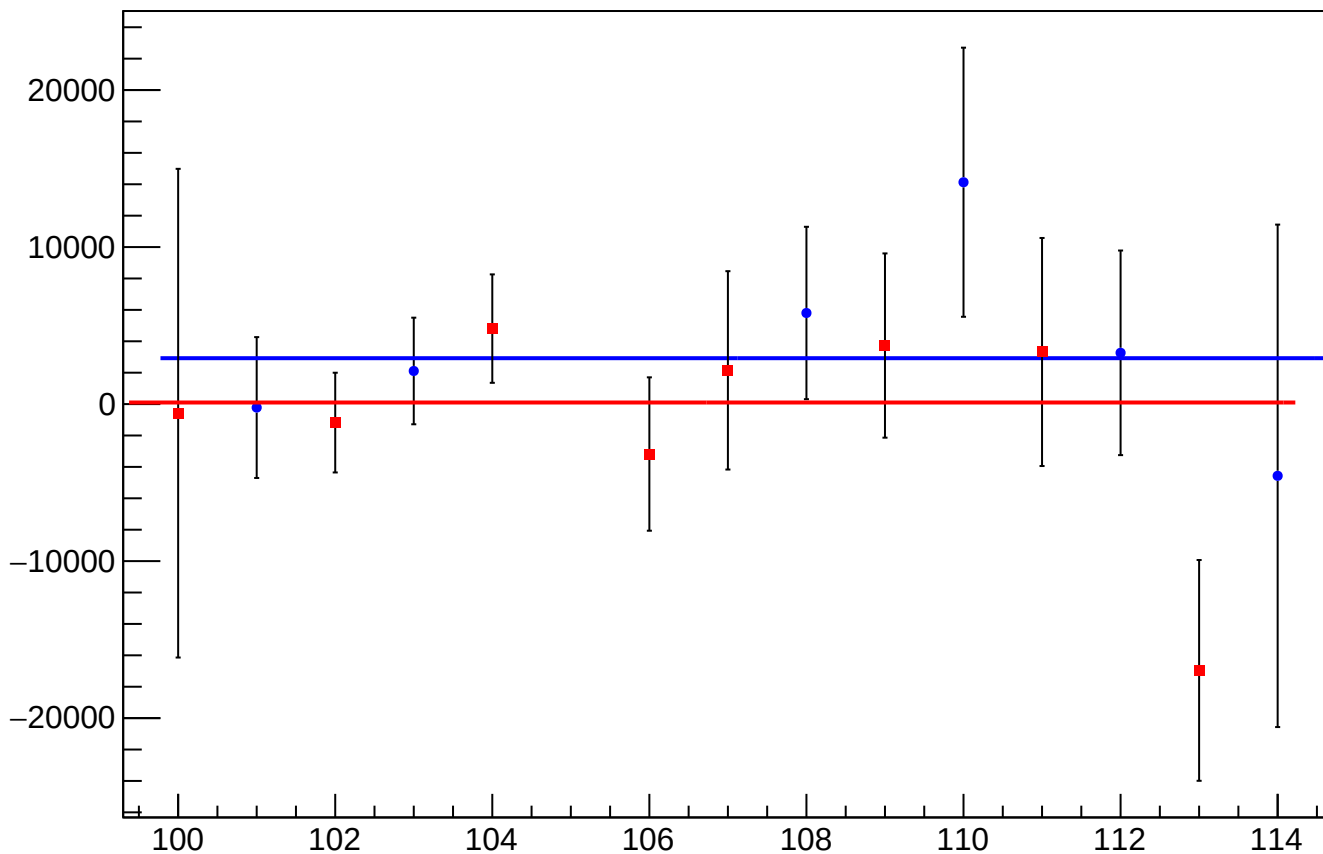
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1848.077 $\pm$ 0.570 χ^2 /NDF: 827440.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_correction_mean vs Slug



Right In: 2923.218+/-2178.293 χ^2/NDF : 2.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.207+/-1761.193 χ^2/NDF : 9.0/7

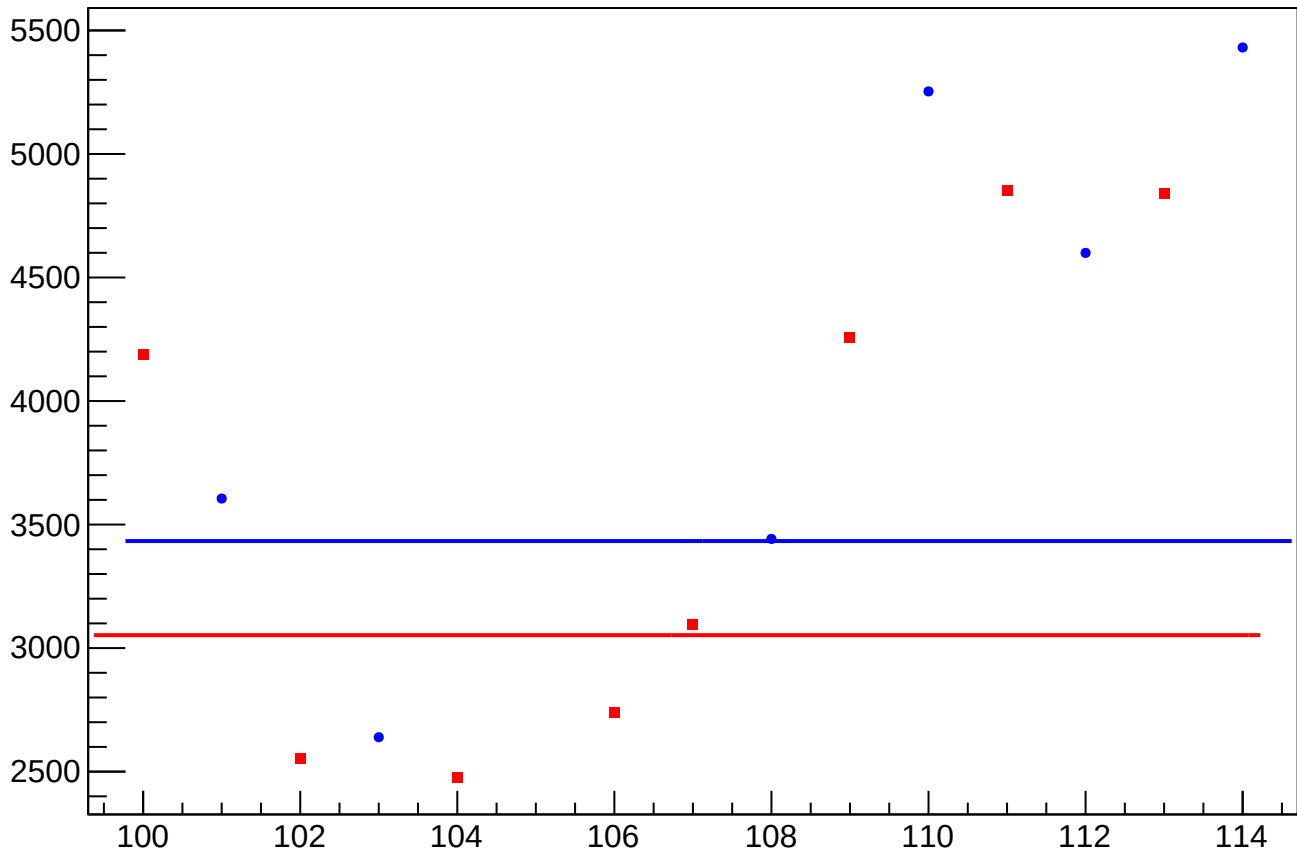
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.739+/-1369.550 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3433.220+/-1.540 χ^2/NDF : 297885.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

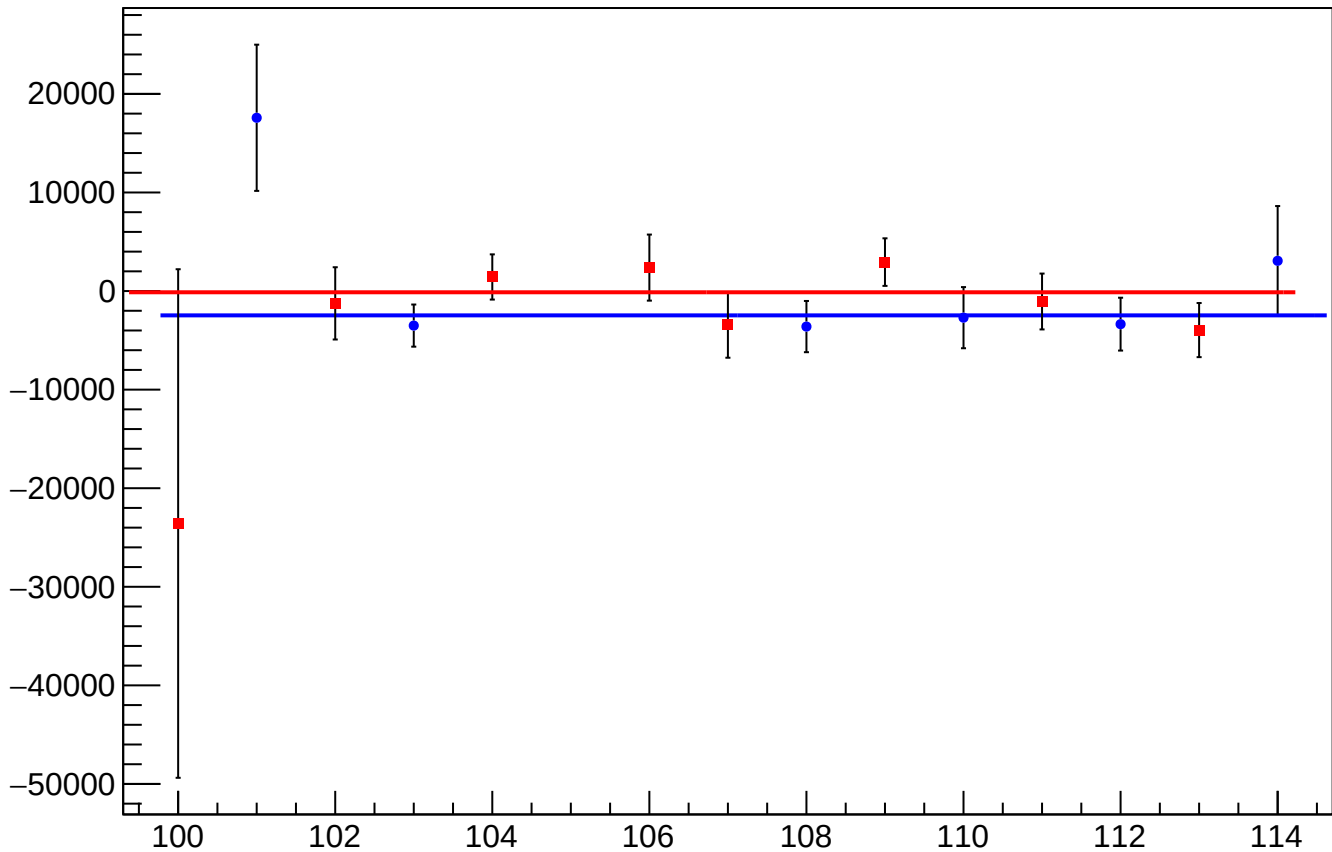
Right Out: 3052.443+/-1.245 χ^2/NDF : 460444.7/7

All: 3202.963+/-0.968 χ^2/NDF : 795285.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_mean vs Slug



Right In: -2466.572 $\pm$ 1230.306 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -123.861 $\pm$ 1069.251 χ^2 /NDF: 6.6/7

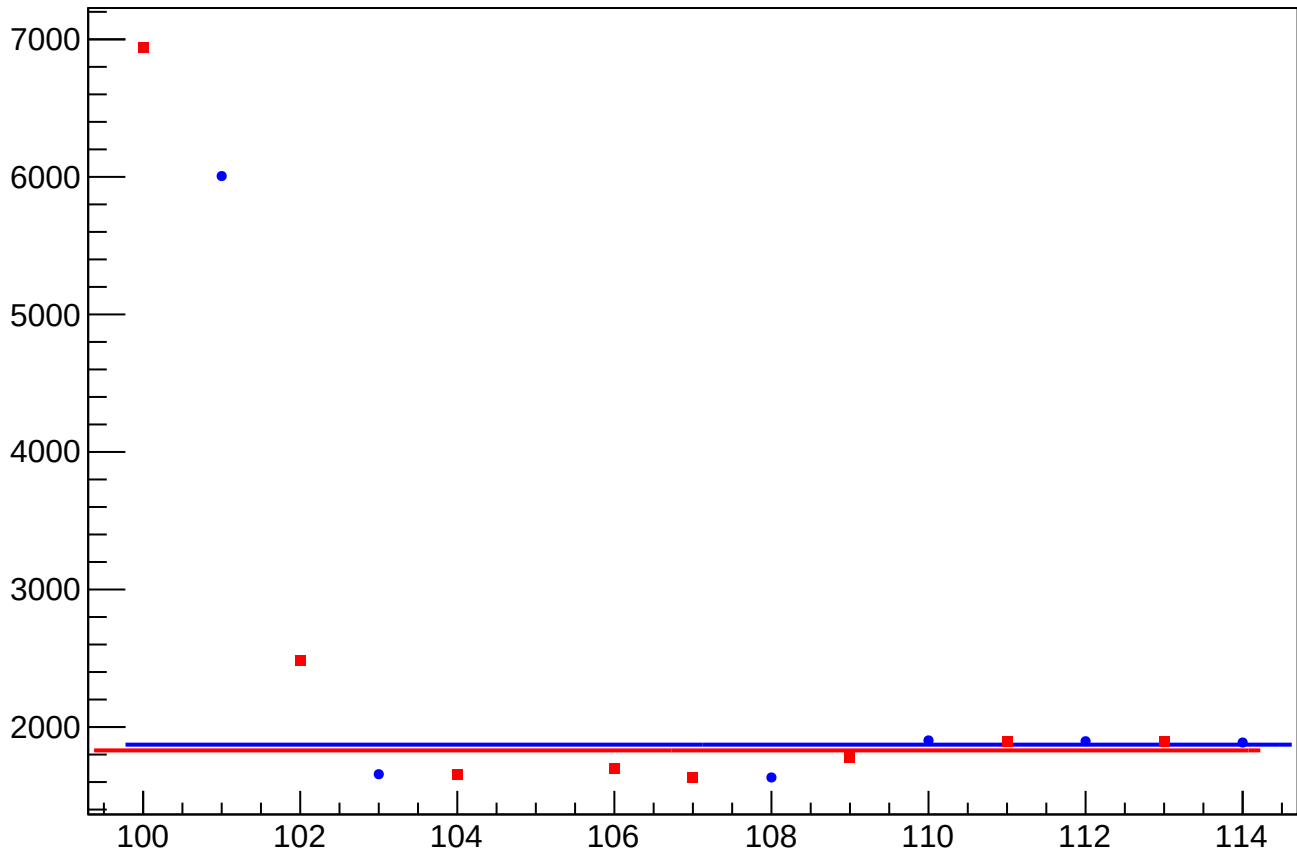
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1131.939 $\pm$ 807.051 χ^2 /NDF: 17.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1871.924+/-0.870 χ^2/NDF : 658913.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.151+/-0.754 χ^2/NDF : 167211.5/7

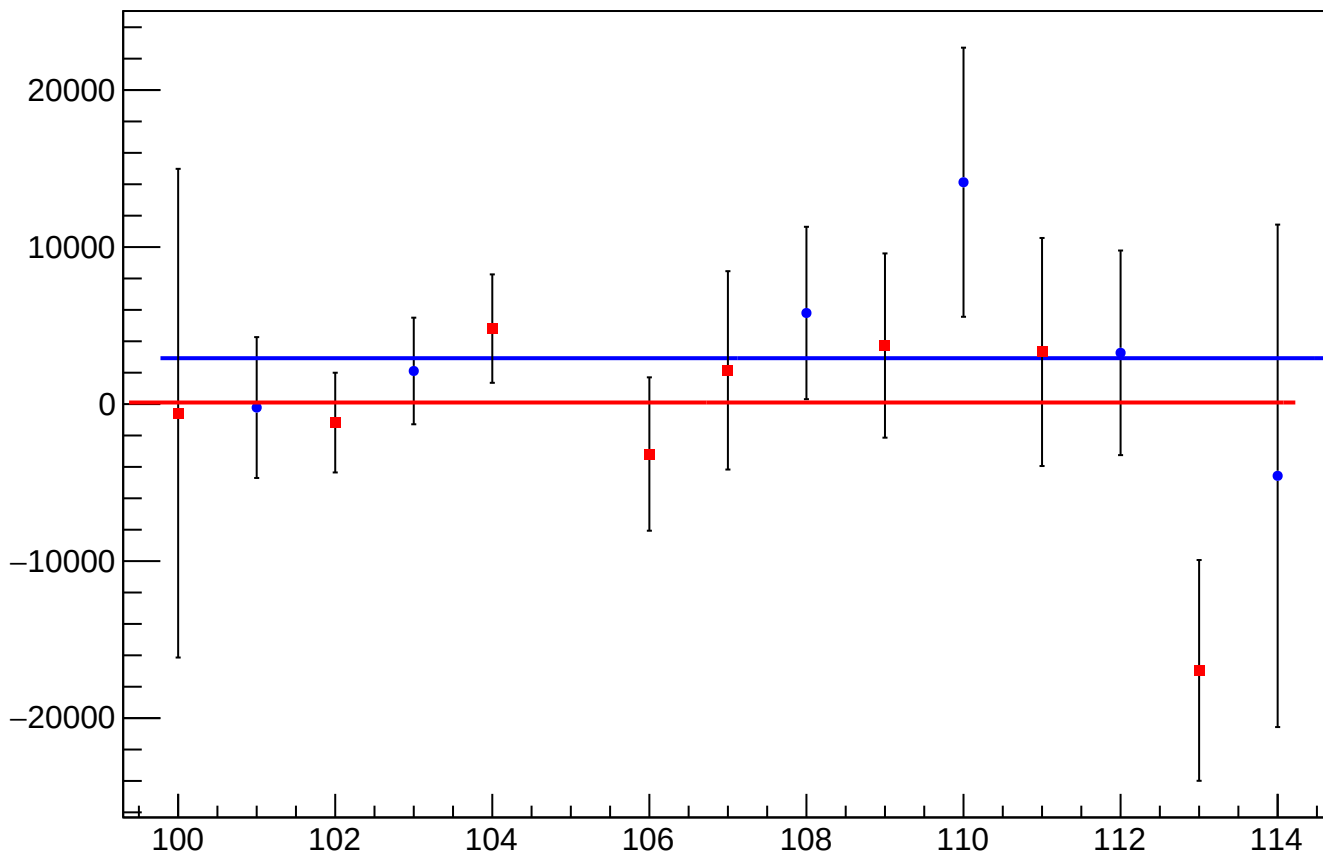
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.077+/-0.570 χ^2/NDF : 827440.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 2923.222+/-2178.292 χ^2/NDF : 2.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.208+/-1761.191 χ^2/NDF : 9.0/7

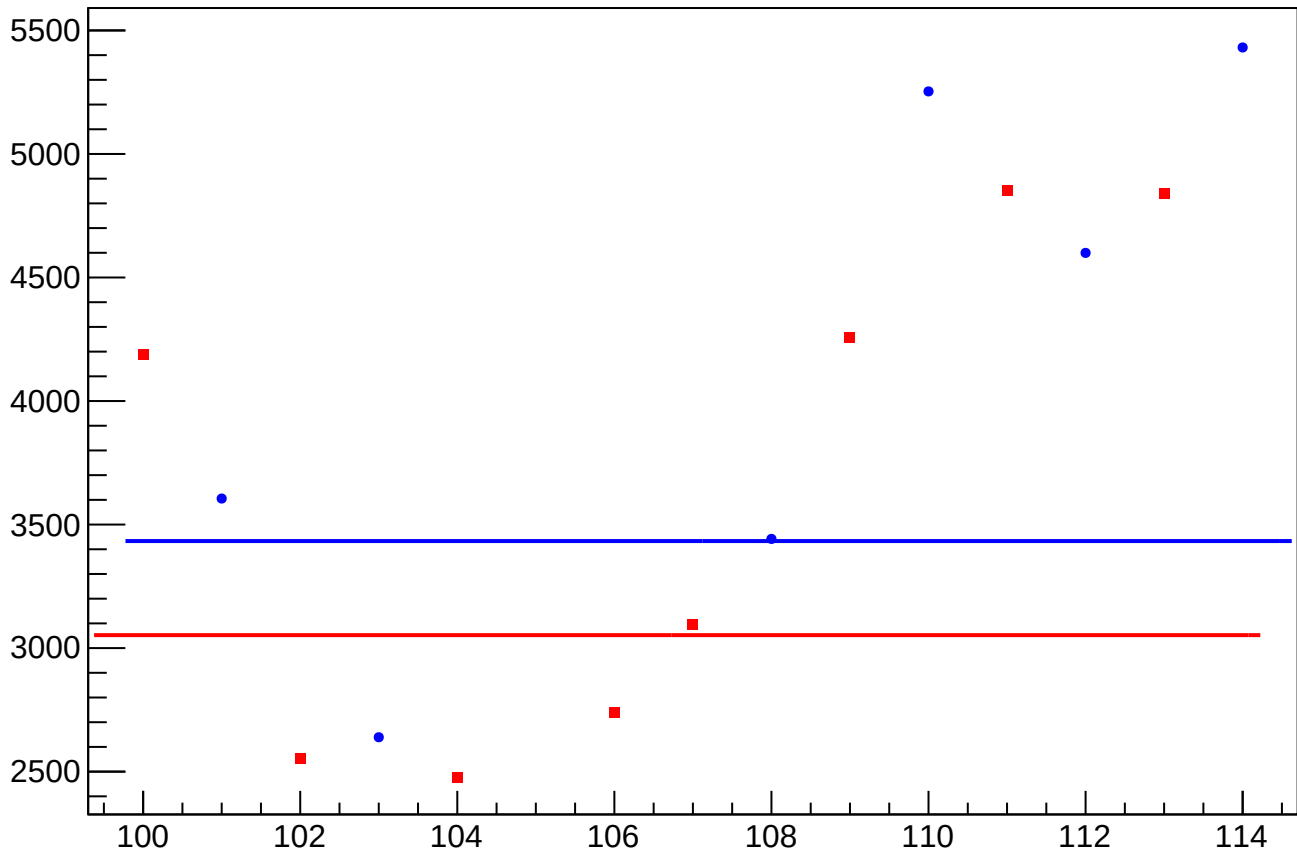
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.741+/-1369.549 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3433.219+/-1.540 χ^2/NDF : 297883.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

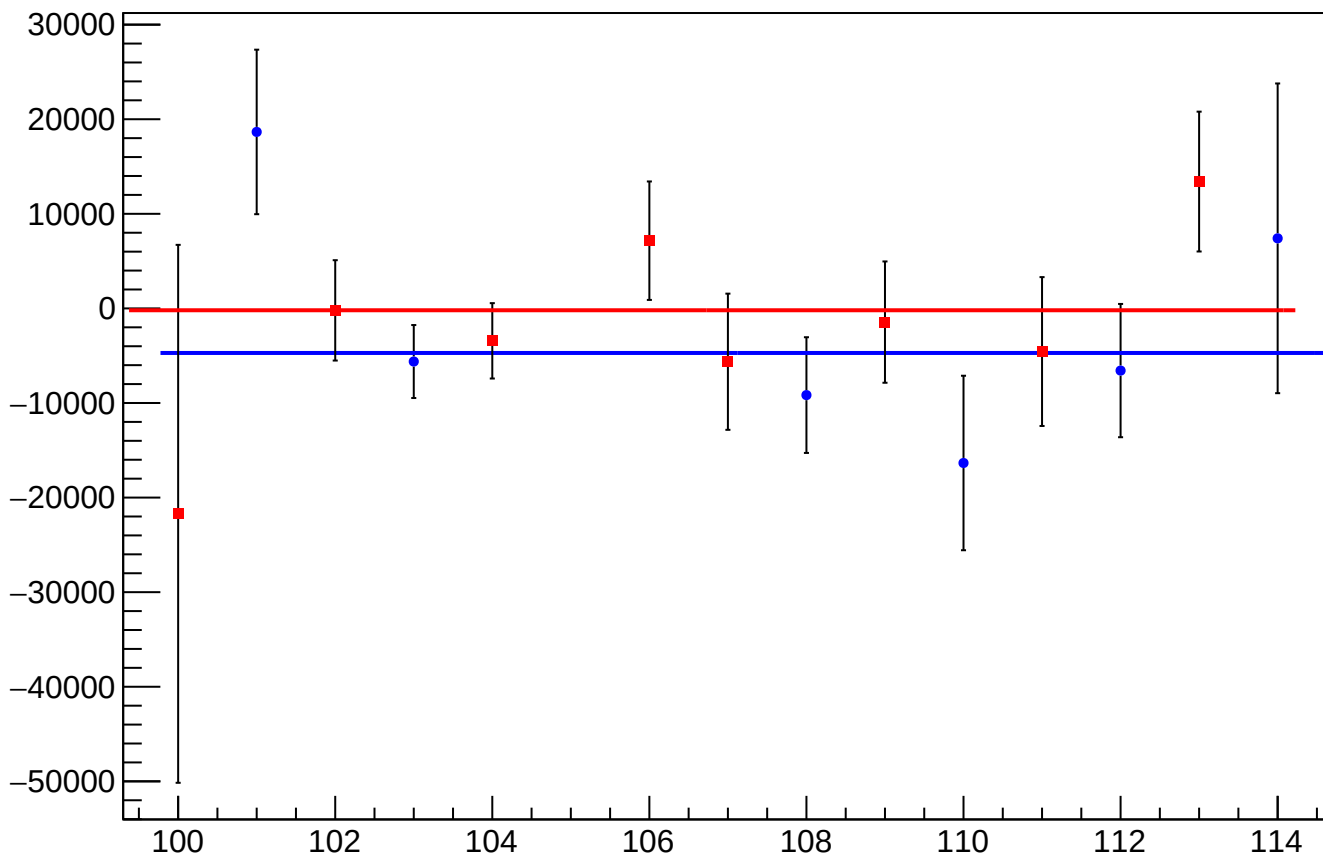
Right Out: 3052.440+/-1.245 χ^2/NDF : 460442.9/7

All: 3202.961+/-0.968 χ^2/NDF : 795282.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



Right In: -4710.359 ± 2646.486 χ^2/NDF : 10.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -195.901 ± 2217.661 χ^2/NDF : 6.9/7

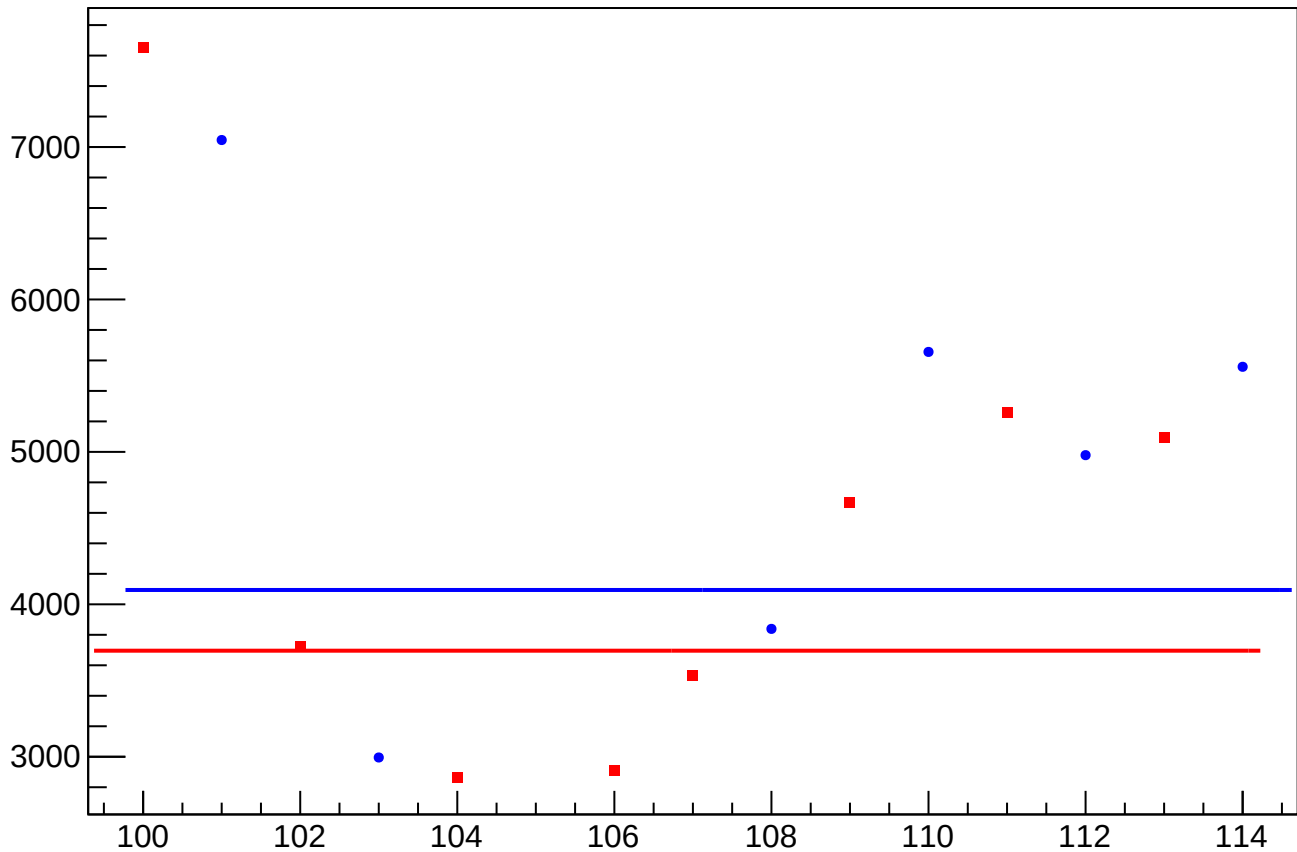
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2058.204 ± 1699.777 χ^2/NDF : 18.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_rms vs Slug



Right In: 4094.089+/-1.871 χ^2 /NDF: 501041.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3695.785+/-1.544 χ^2 /NDF: 362699.5/7

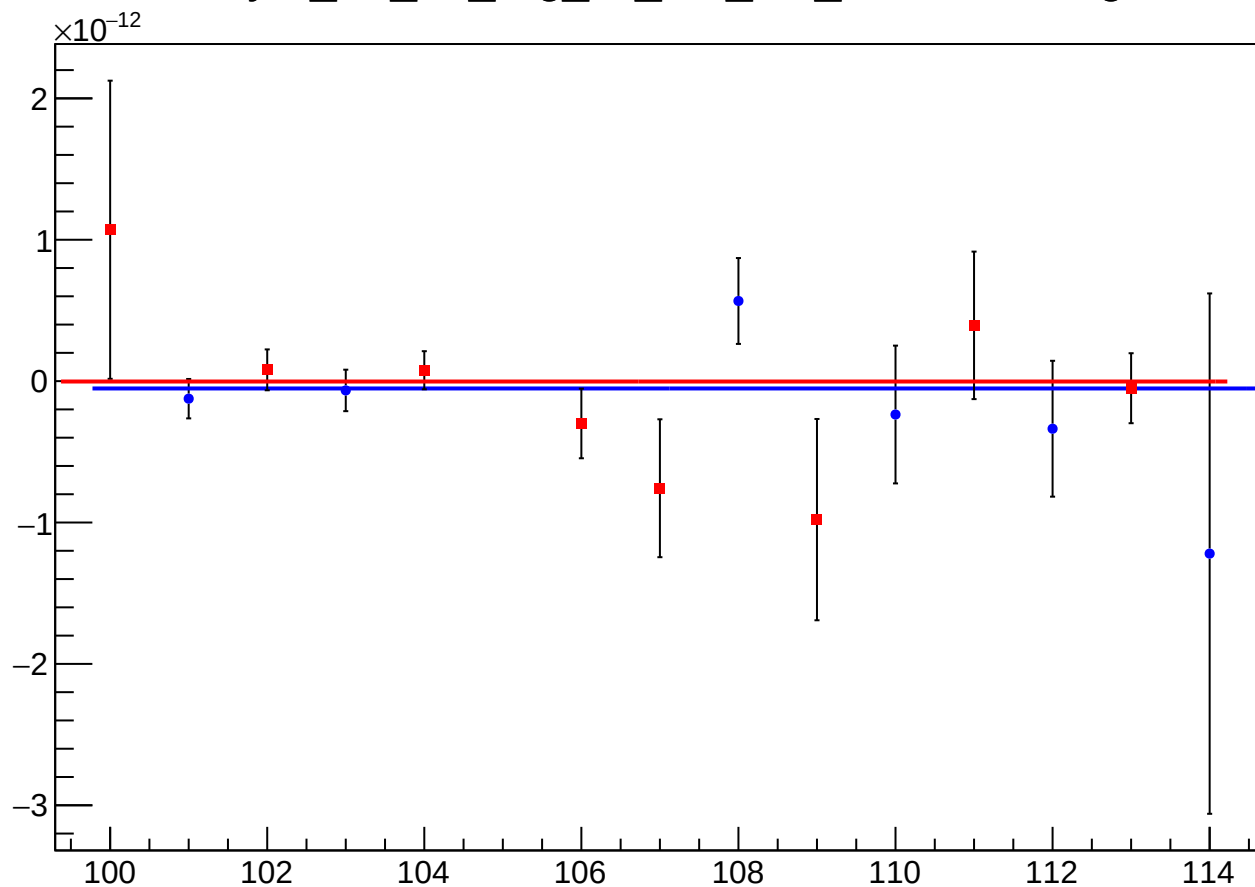
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3857.168+/-1.191 χ^2 /NDF: 890687.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 5.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 8.1/7

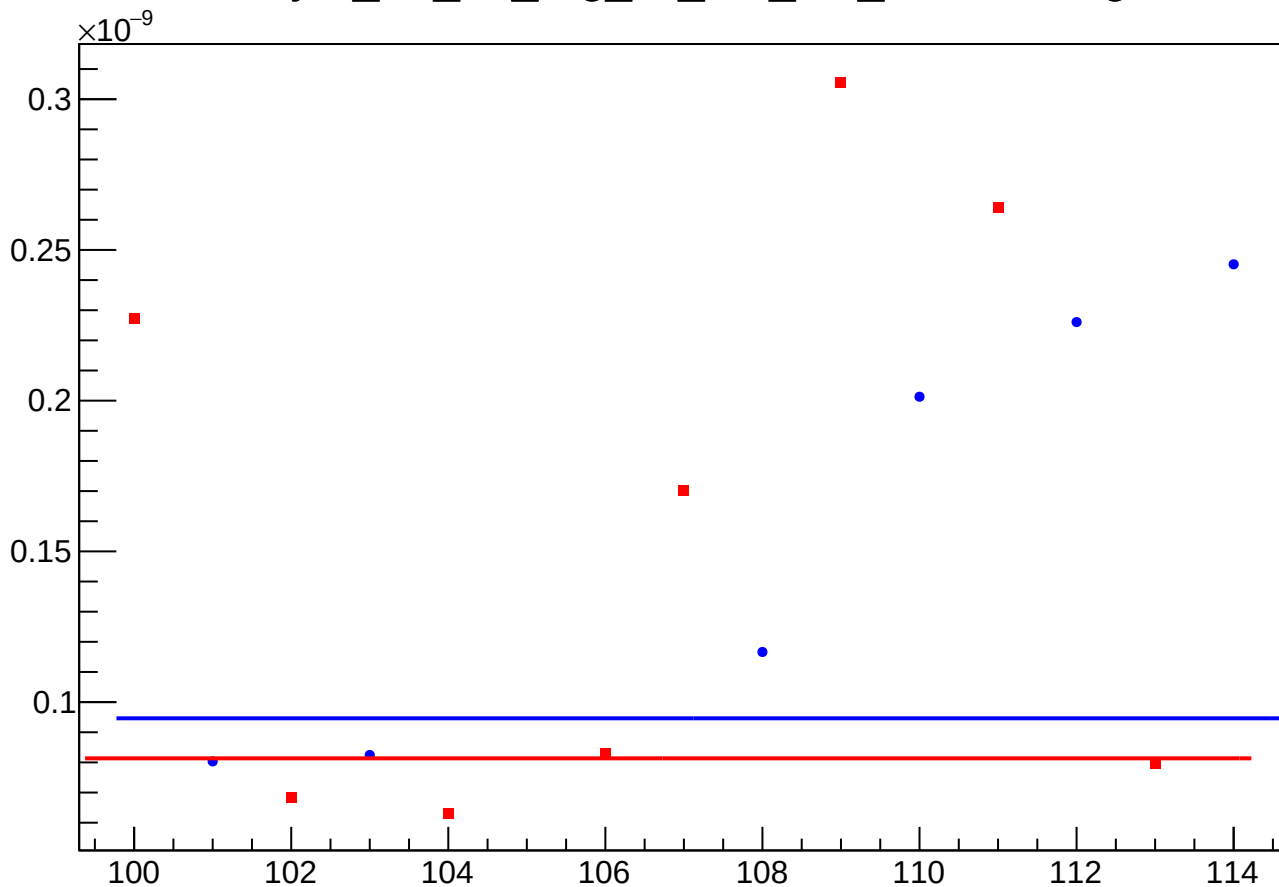
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 13.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 304199.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 601524.3/7

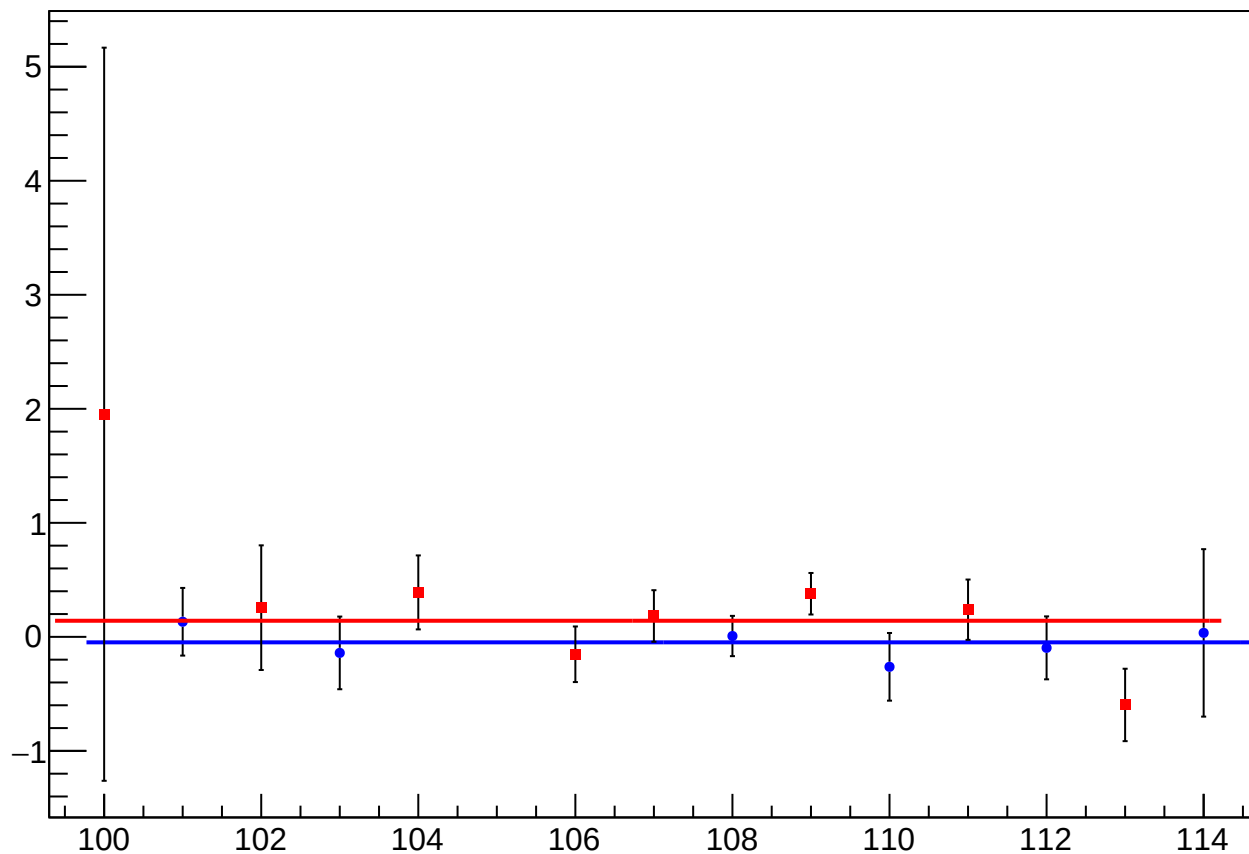
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 928722.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.141 ± 0.098 χ^2/NDF : 9.7/7

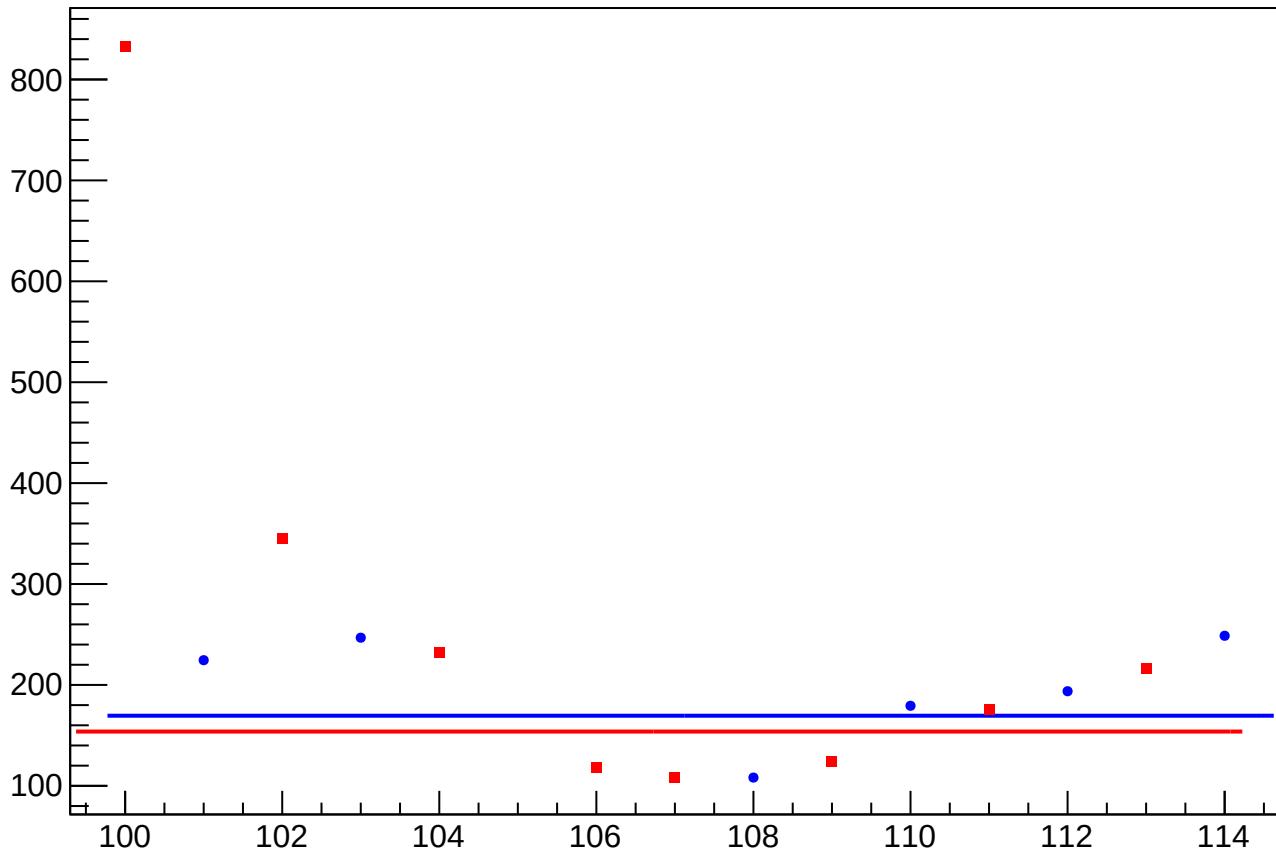
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.059 ± 0.074 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 169.491 $\pm$ 0.079 χ^2 /NDF: 468312.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.805 $\pm$ 0.069 χ^2 /NDF: 719946.2/7

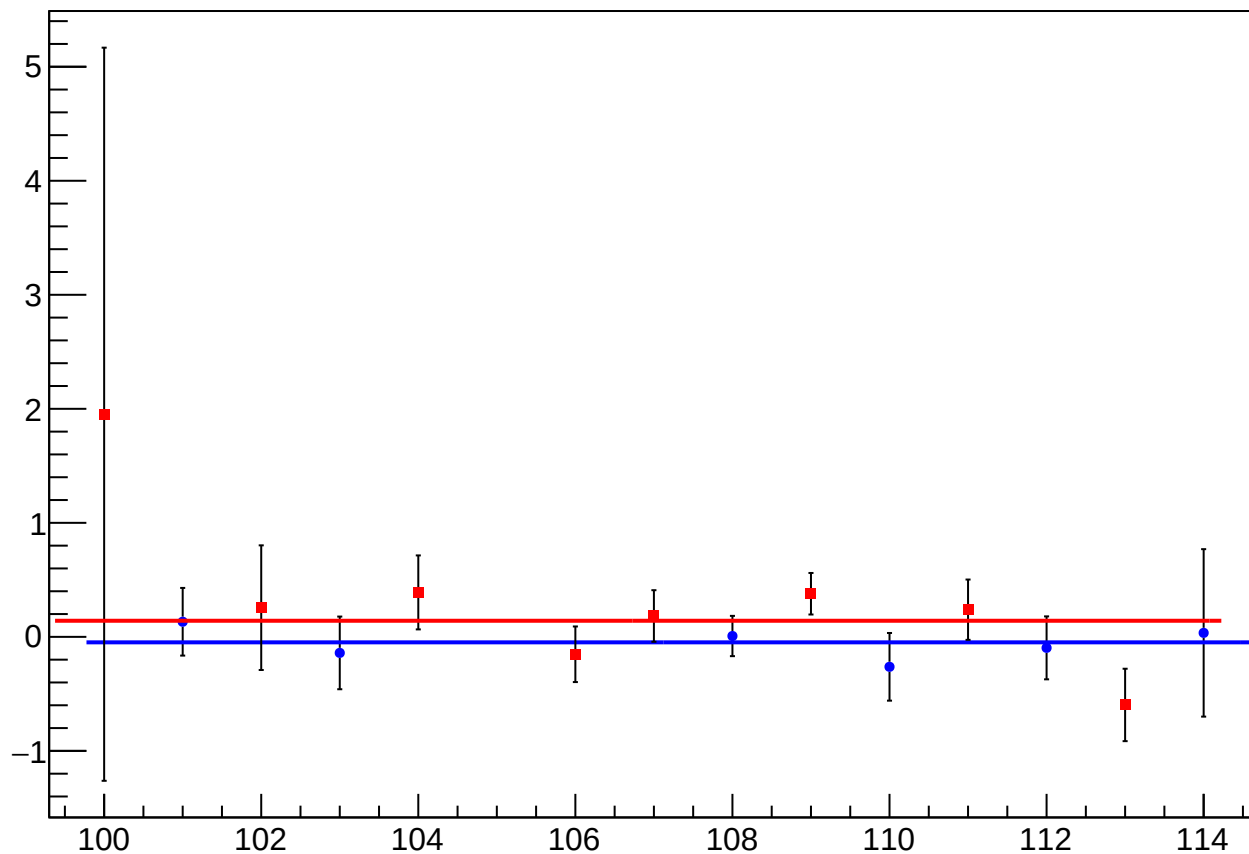
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.616 $\pm$ 0.052 χ^2 /NDF: 1210412.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.141 ± 0.098 χ^2/NDF : 9.7/7

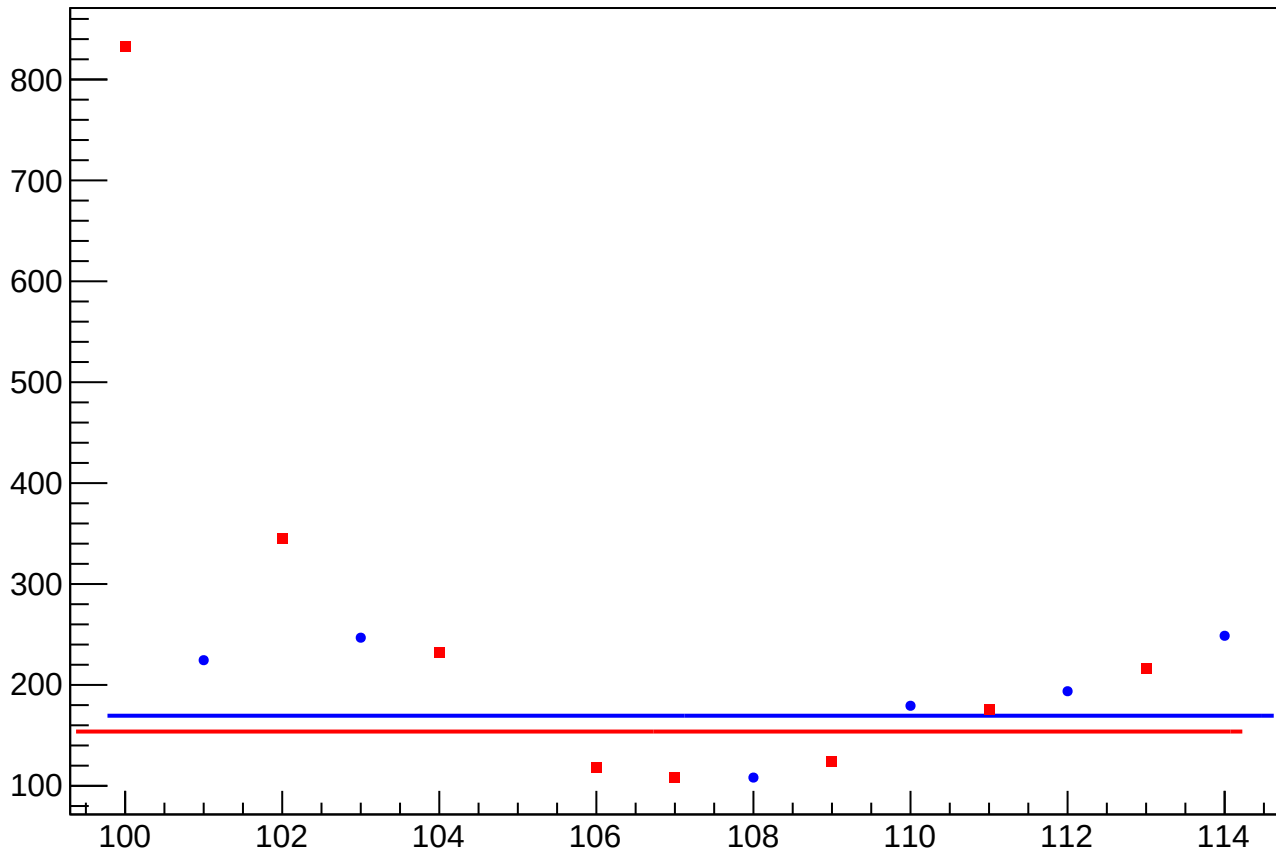
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.059 ± 0.074 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 169.491+/-0.079 χ^2/NDF : 468312.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.805+/-0.069 χ^2/NDF : 719946.2/7

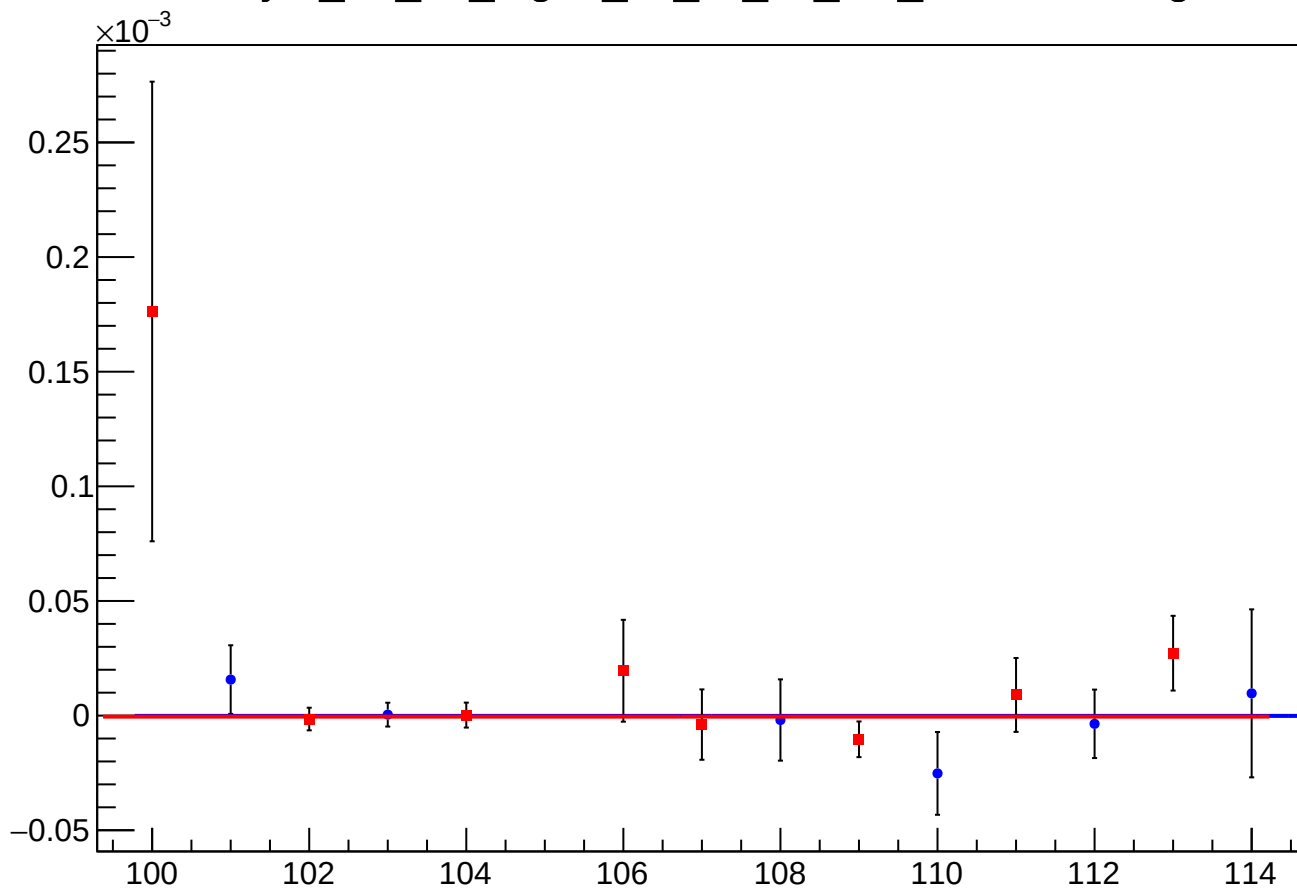
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.616+/-0.052 χ^2/NDF : 1210412.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/7

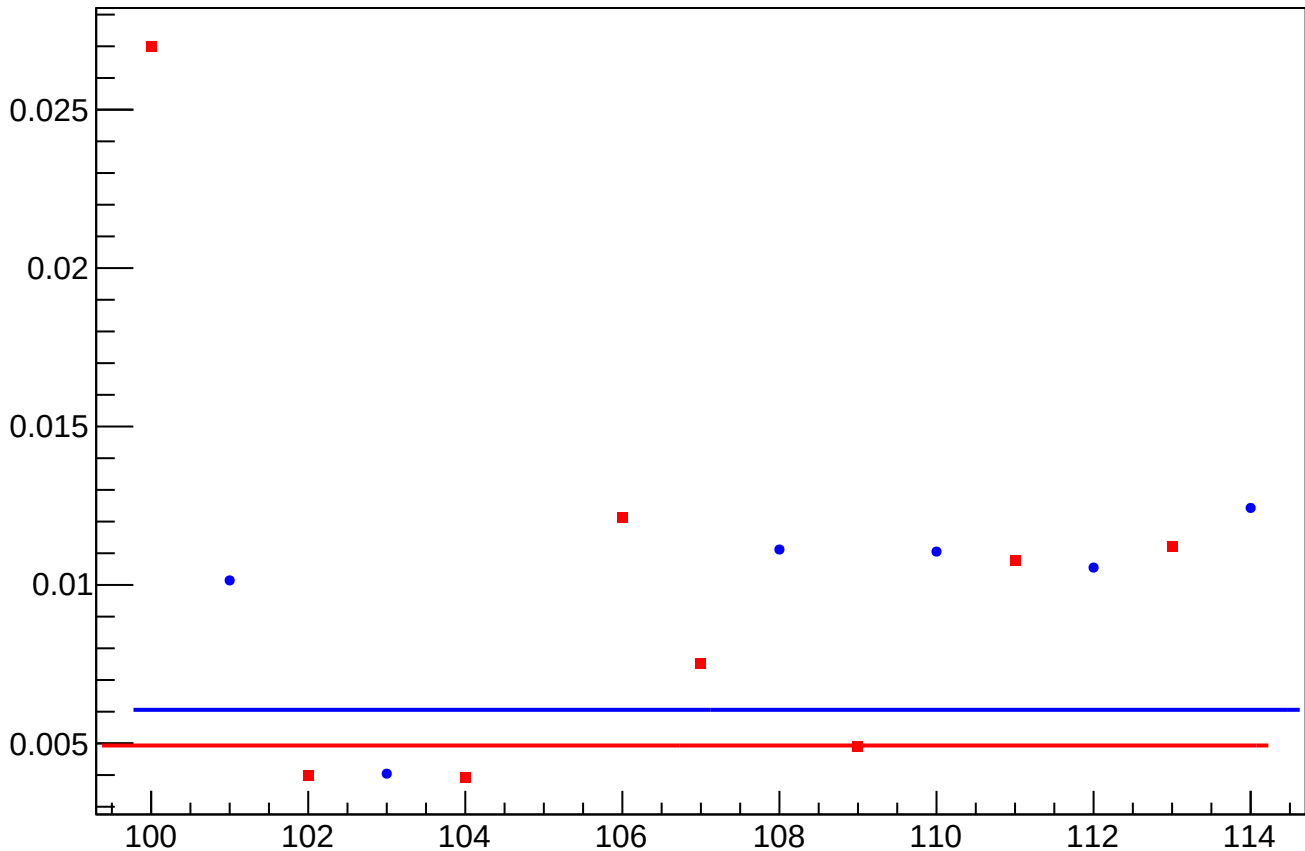
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 1006220.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 1067568.3/7

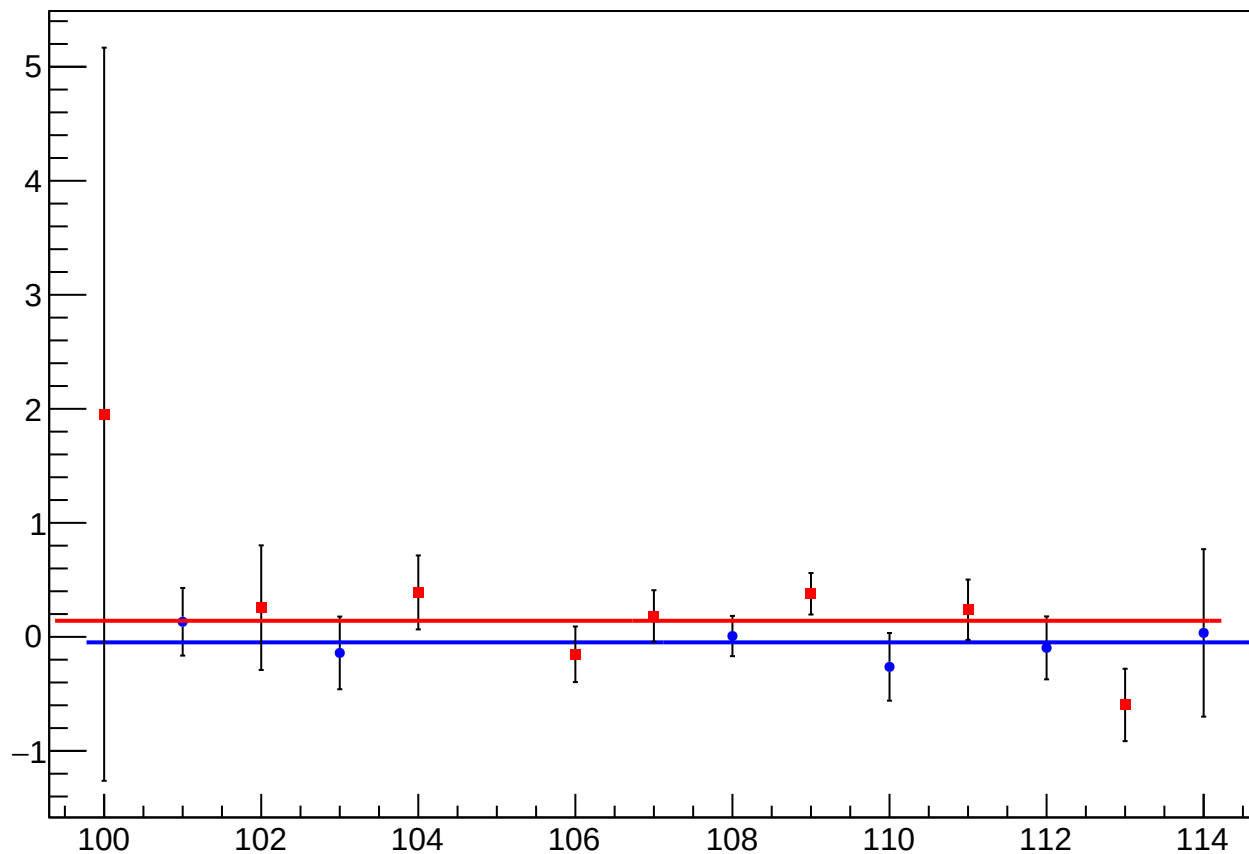
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 2163048.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.141 ± 0.098 χ^2/NDF : 9.7/7

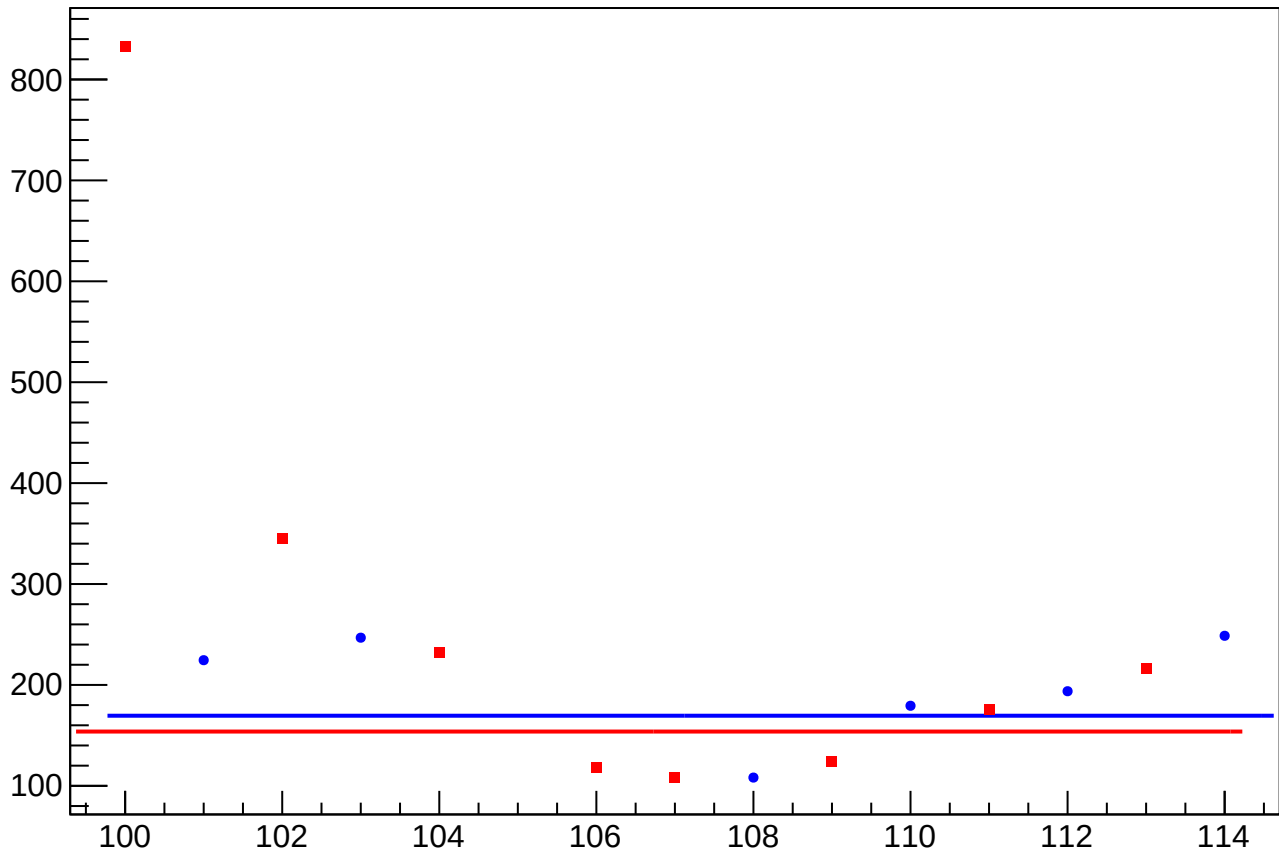
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.059 ± 0.074 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 169.487 $\pm$ 0.079 χ^2 /NDF: 468364.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.805 $\pm$ 0.069 χ^2 /NDF: 719950.6/7

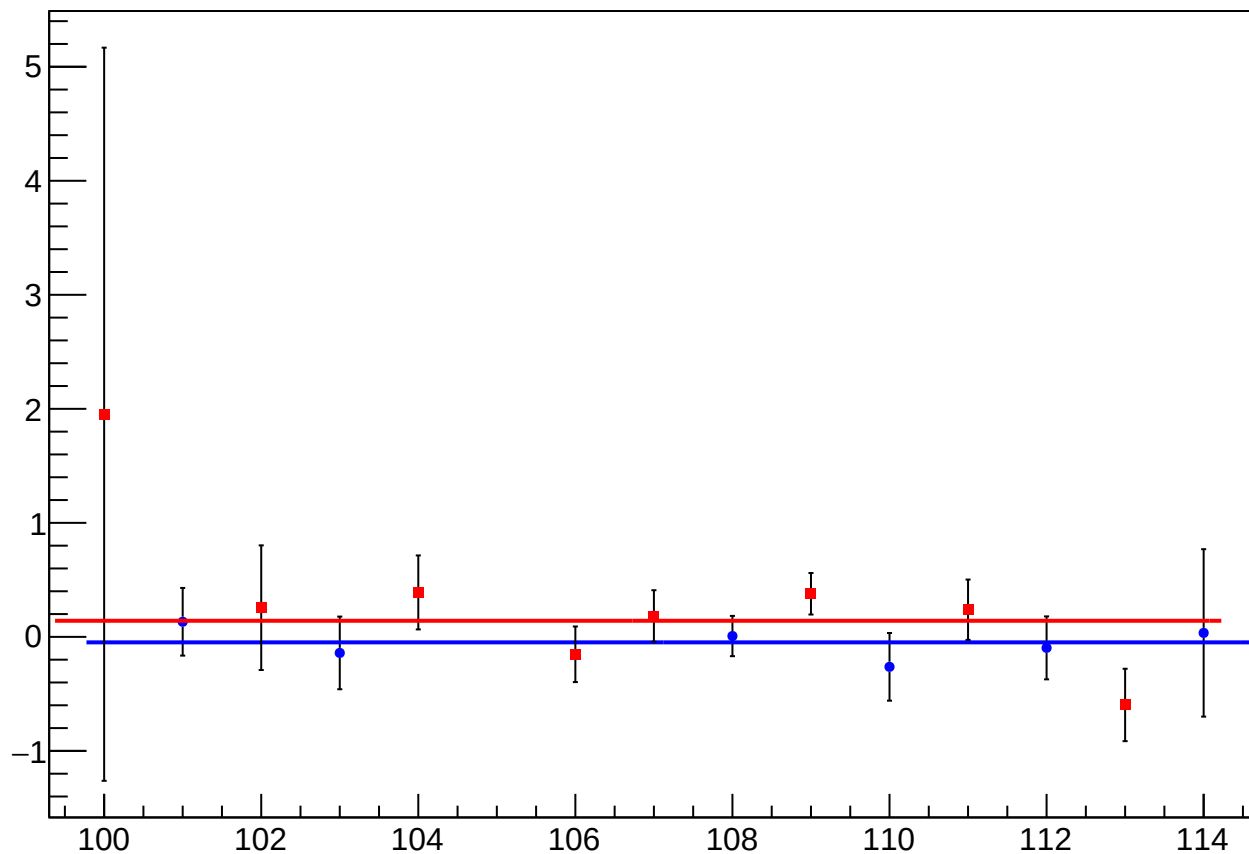
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.615 $\pm$ 0.052 χ^2 /NDF: 1210458.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.141 ± 0.098 χ^2/NDF : 9.7/7

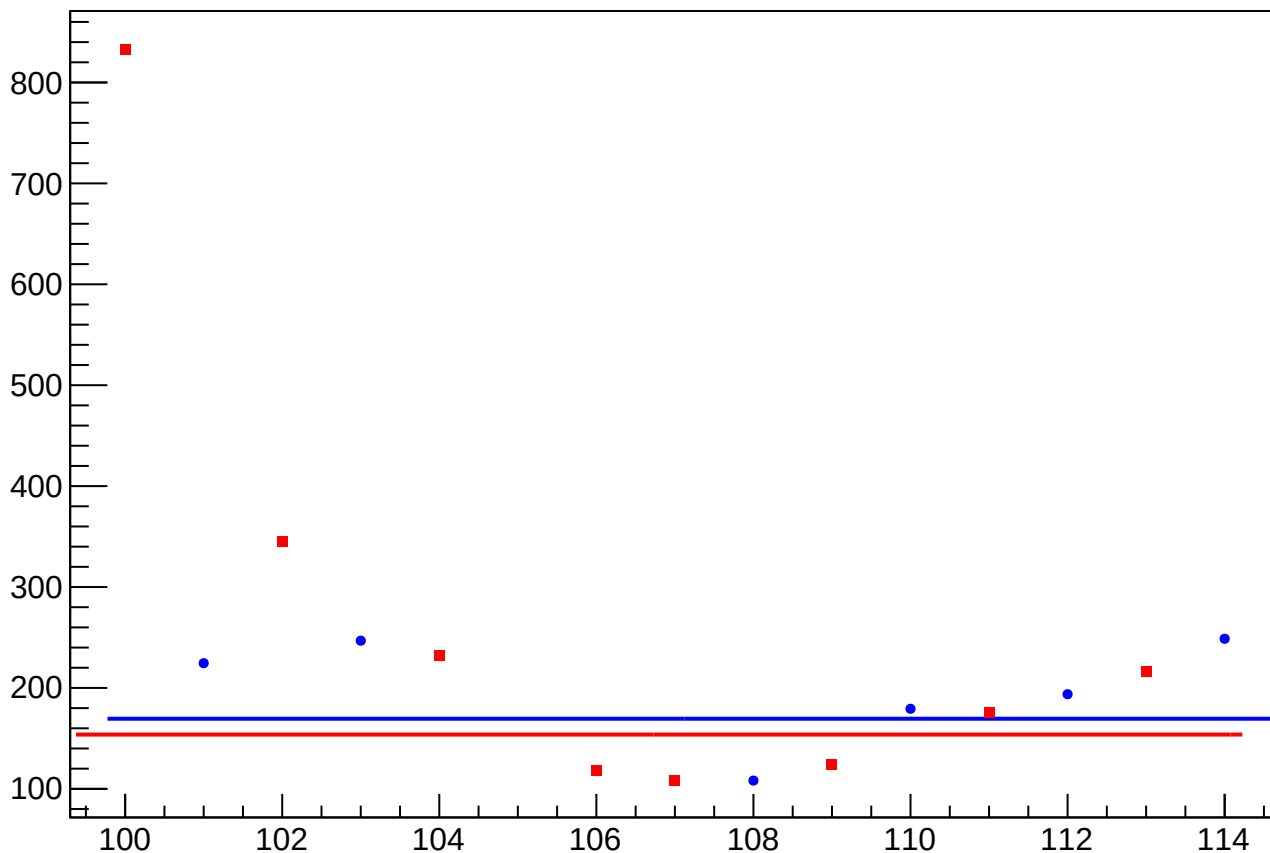
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.059 ± 0.074 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 169.487+/-0.079 χ^2/NDF : 468364.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.805+/-0.069 χ^2/NDF : 719950.6/7

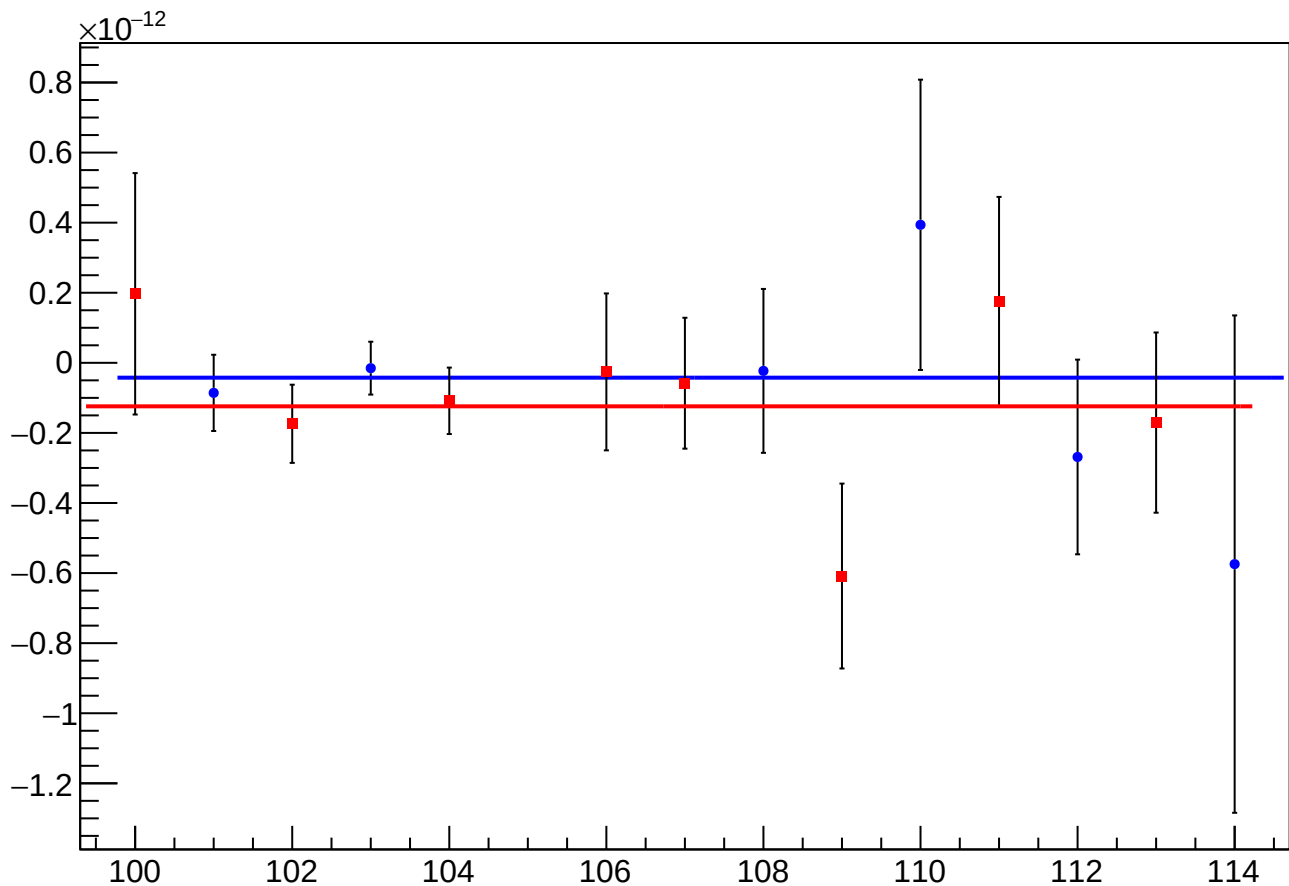
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.615+/-0.052 χ^2/NDF : 1210458.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/7

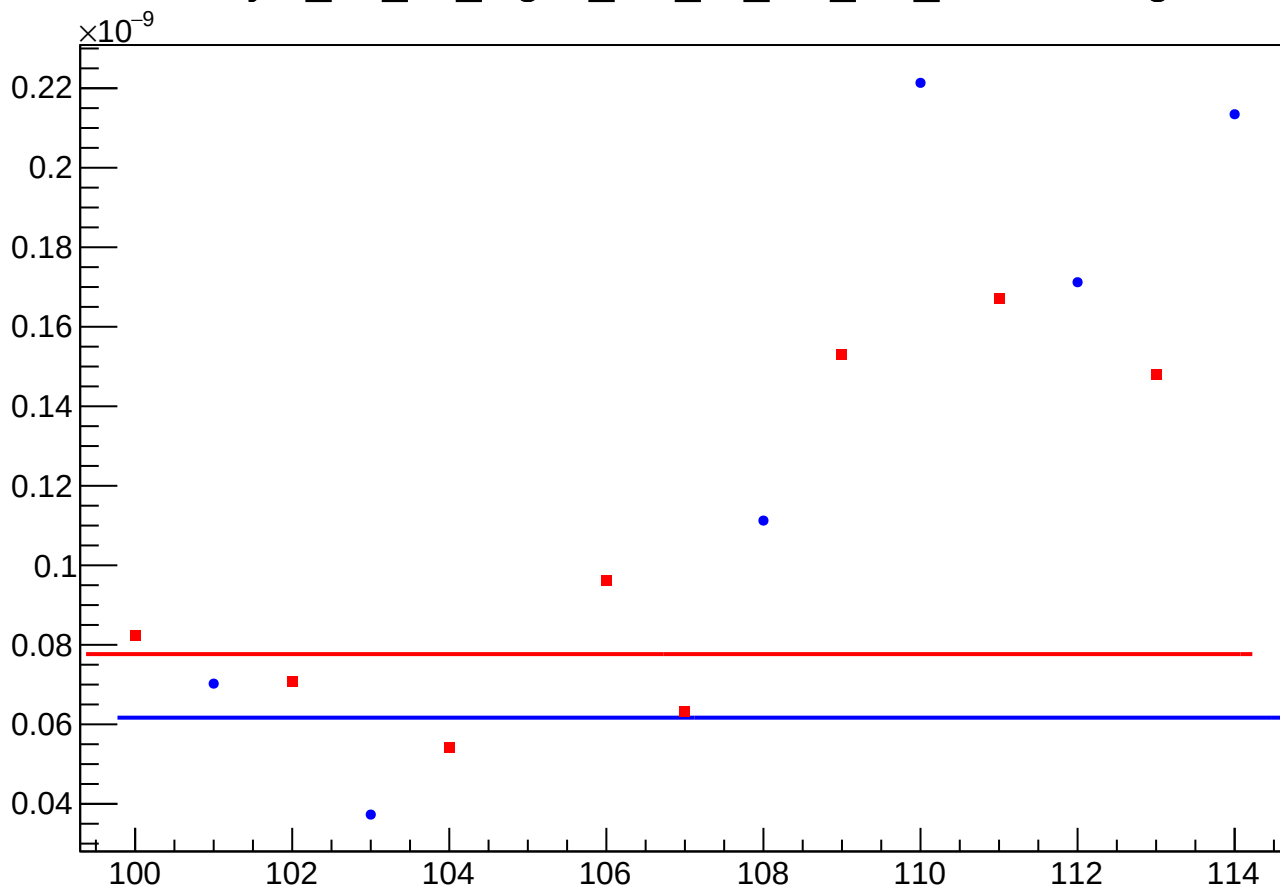
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1010560.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 648148.6/7

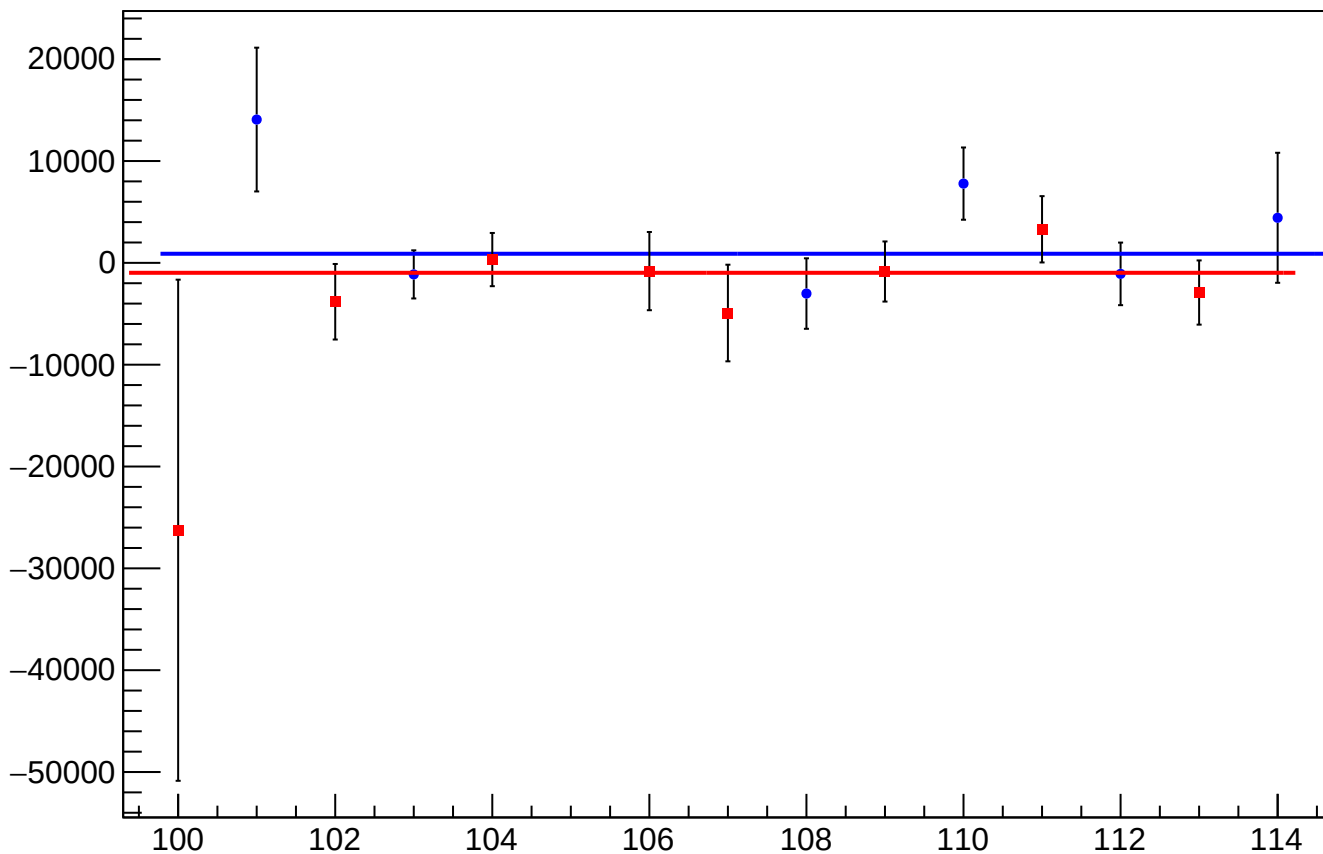
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1733893.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: 894.122+/-1424.862 χ^2/NDF : 10.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -976.041+/-1247.434 χ^2/NDF : 4.7/7

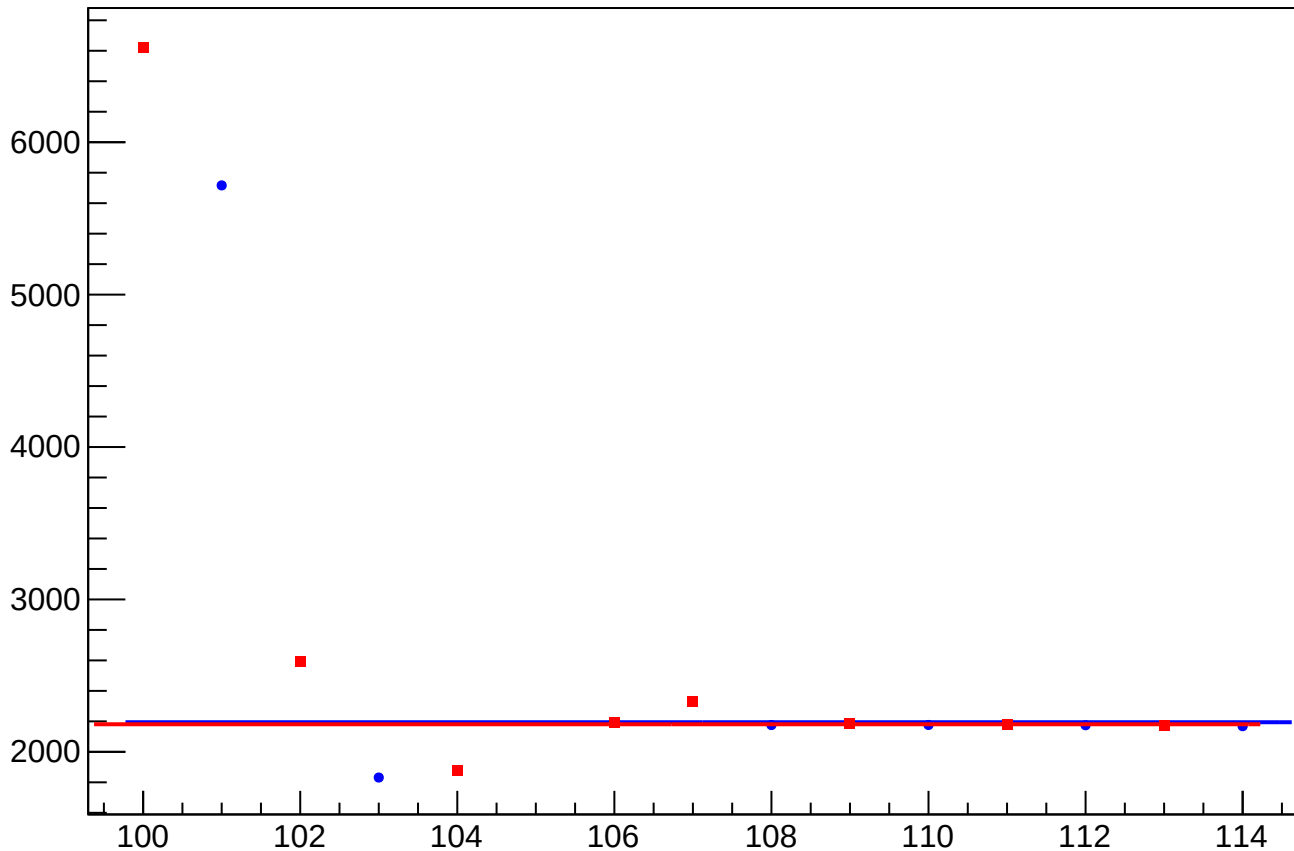
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.586+/-938.568 χ^2/NDF : 15.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 2194.285 $\pm$ 1.008 χ^2 /NDF: 545270.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2181.010 $\pm$ 0.882 χ^2 /NDF: 118460.0/7

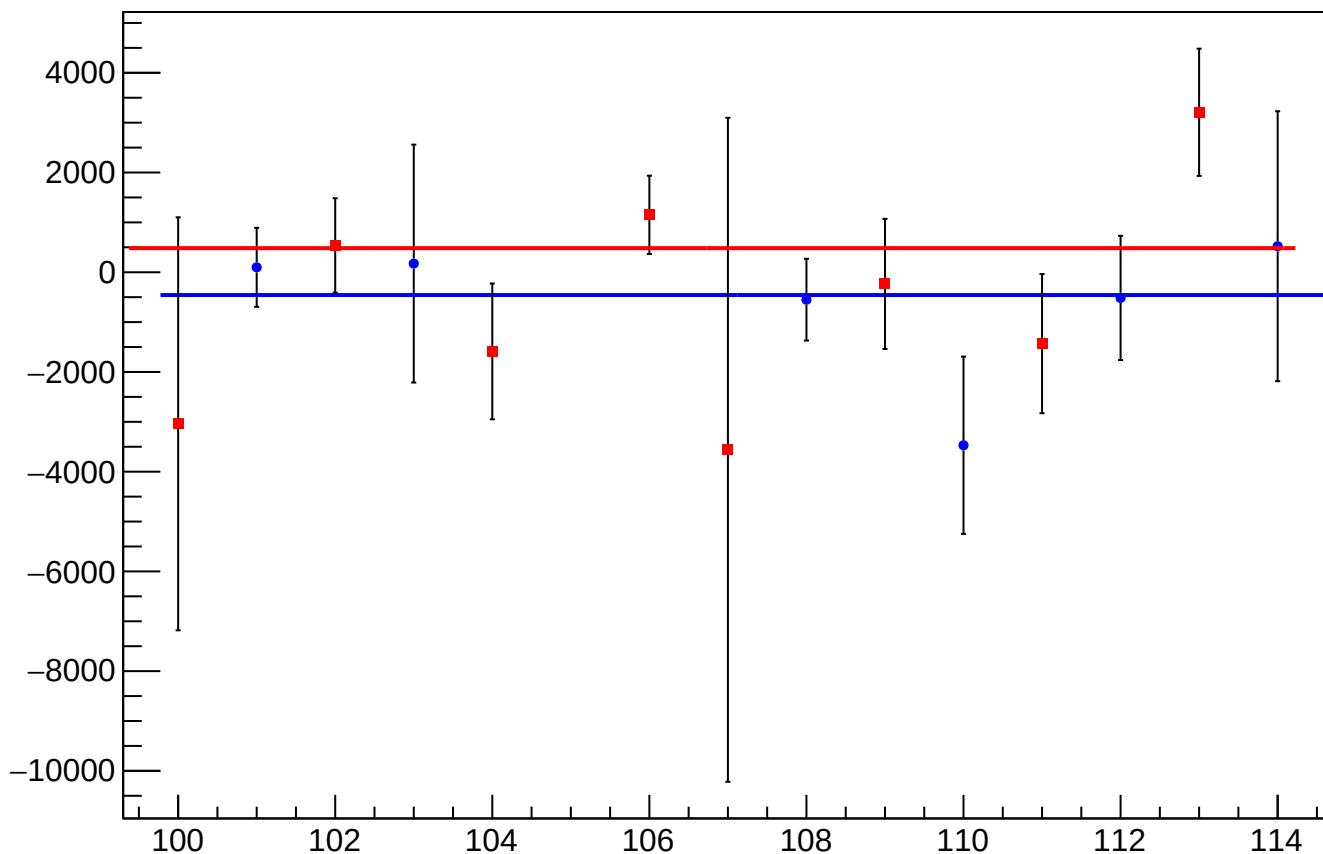
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2186.770 $\pm$ 0.664 χ^2 /NDF: 663828.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



Right In: -457.110+/-479.451 χ^2/NDF : 3.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 483.437+/-443.973 χ^2/NDF : 10.9/7

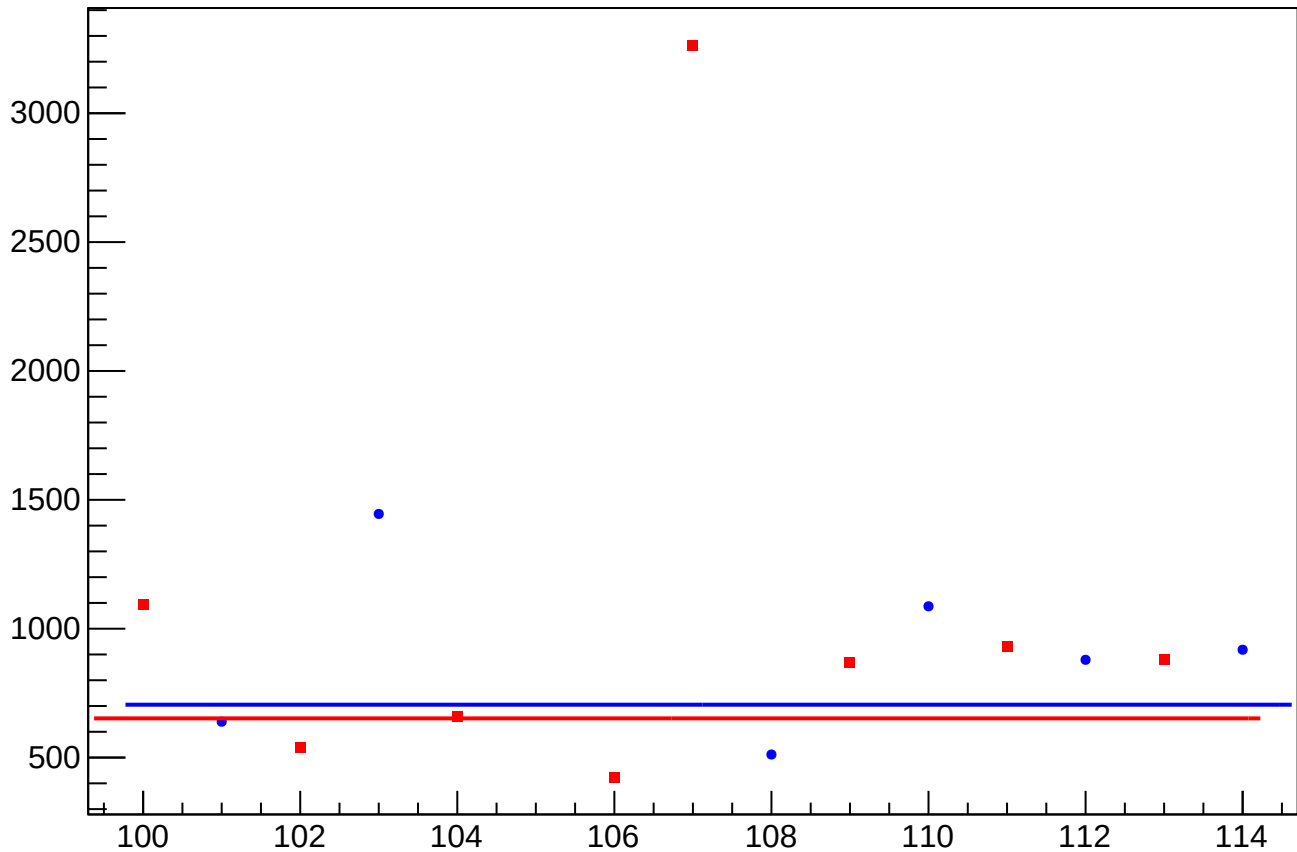
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.246+/-325.757 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 705.087+/-0.339 χ^2/NDF : 461191.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 652.048+/-0.314 χ^2/NDF : 728833.2/7

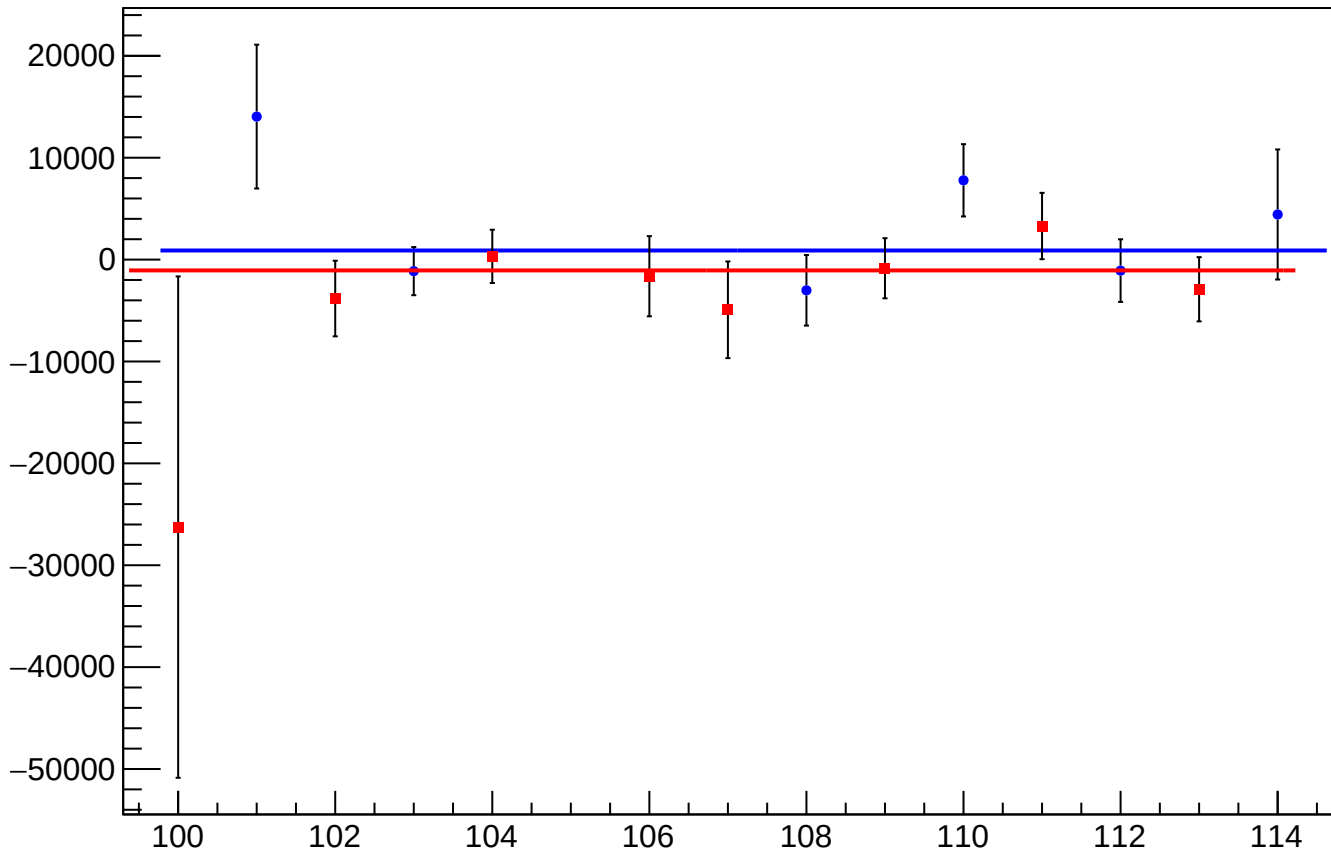
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.532+/-0.230 χ^2/NDF : 1203201.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: 893.290 ± 1424.863 χ^2/NDF : 10.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1060.963 ± 1250.591 χ^2/NDF : 4.7/7

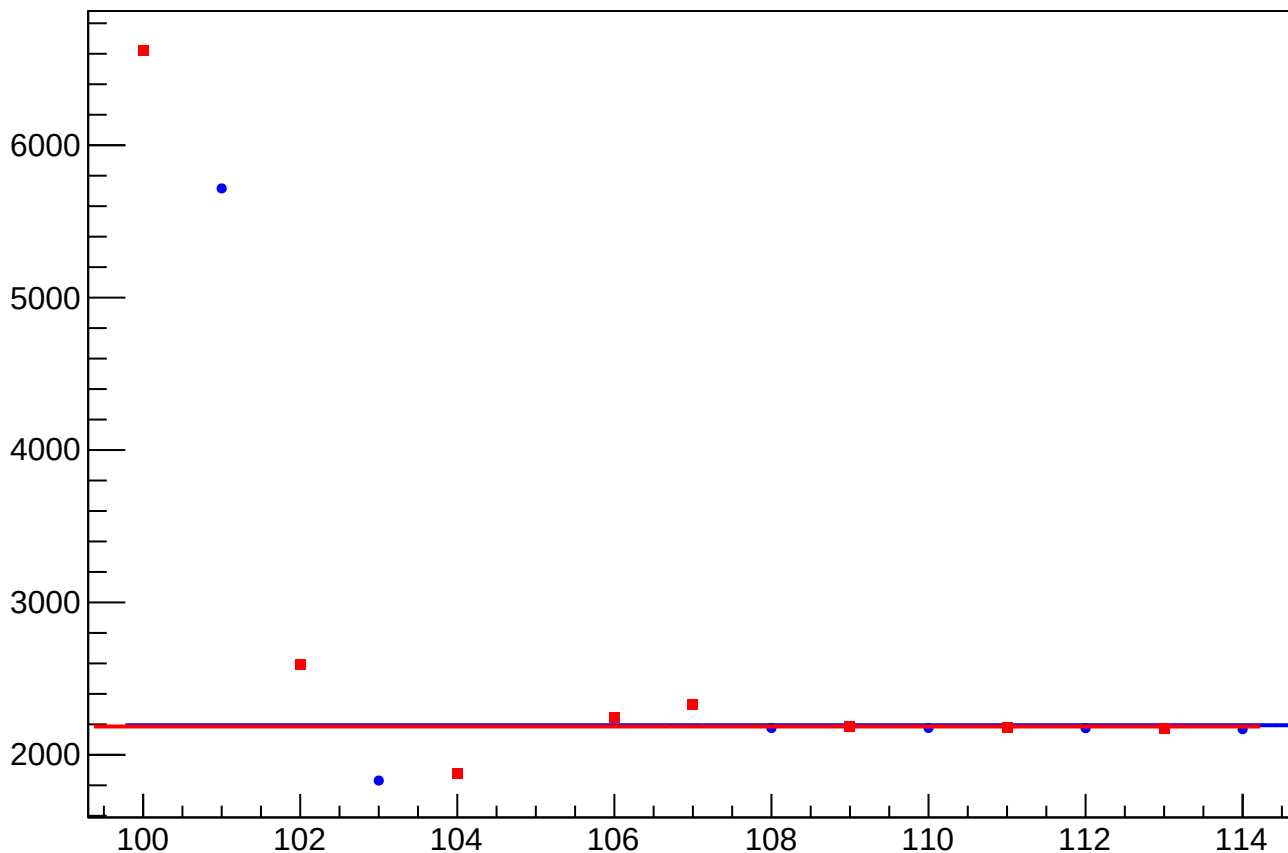
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -210.594 ± 939.910 χ^2/NDF : 15.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 2194.284+/-1.008 χ^2/NDF : 545270.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.077+/-0.884 χ^2/NDF : 118910.1/7

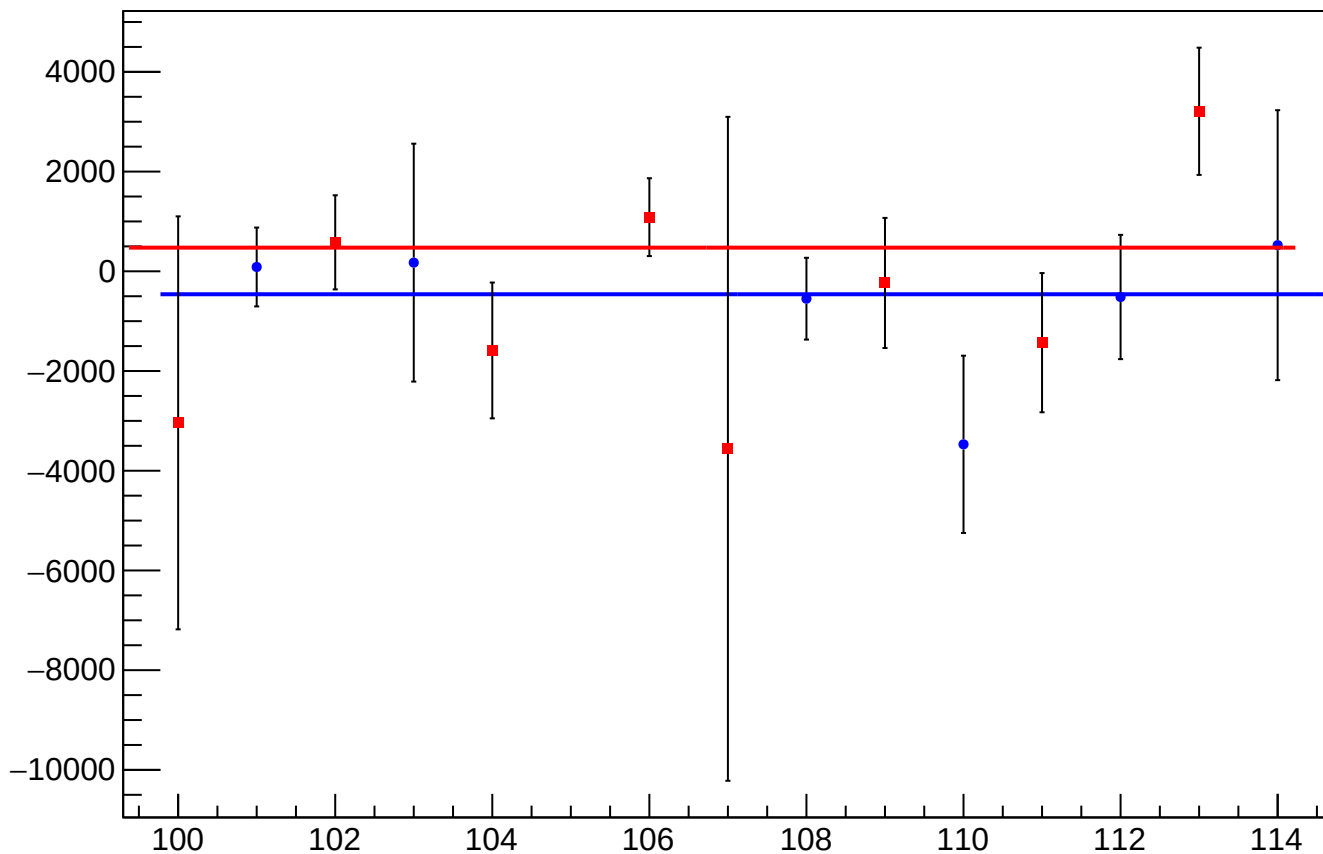
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.648+/-0.665 χ^2/NDF : 664218.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



Right In: -460.190 $\pm$ 478.998 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 474.747 $\pm$ 442.917 χ^2 /NDF: 10.8/7

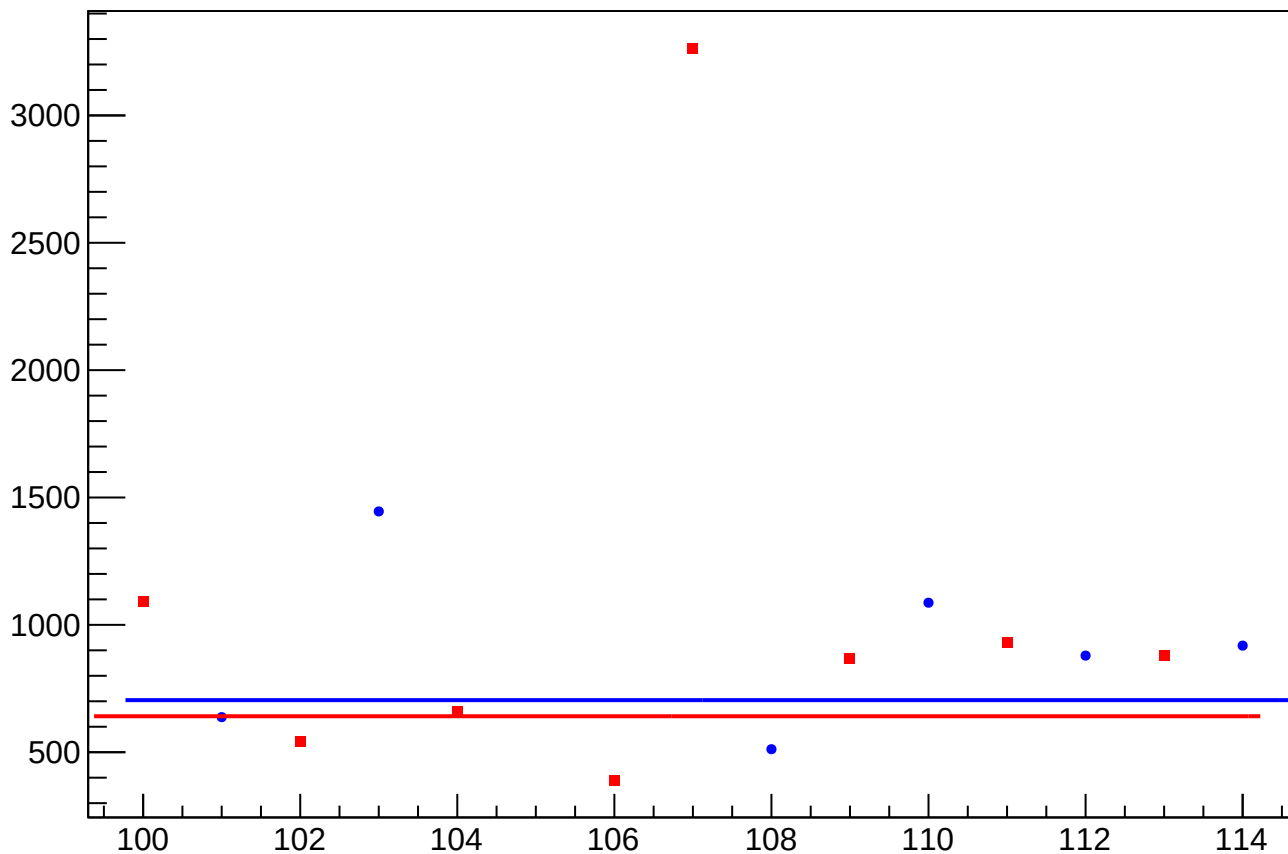
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.814 $\pm$ 325.198 χ^2 /NDF: 16.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



Right In: 704.430+/-0.339 χ^2/NDF : 461905.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.256+/-0.313 χ^2/NDF : 782126.5/7

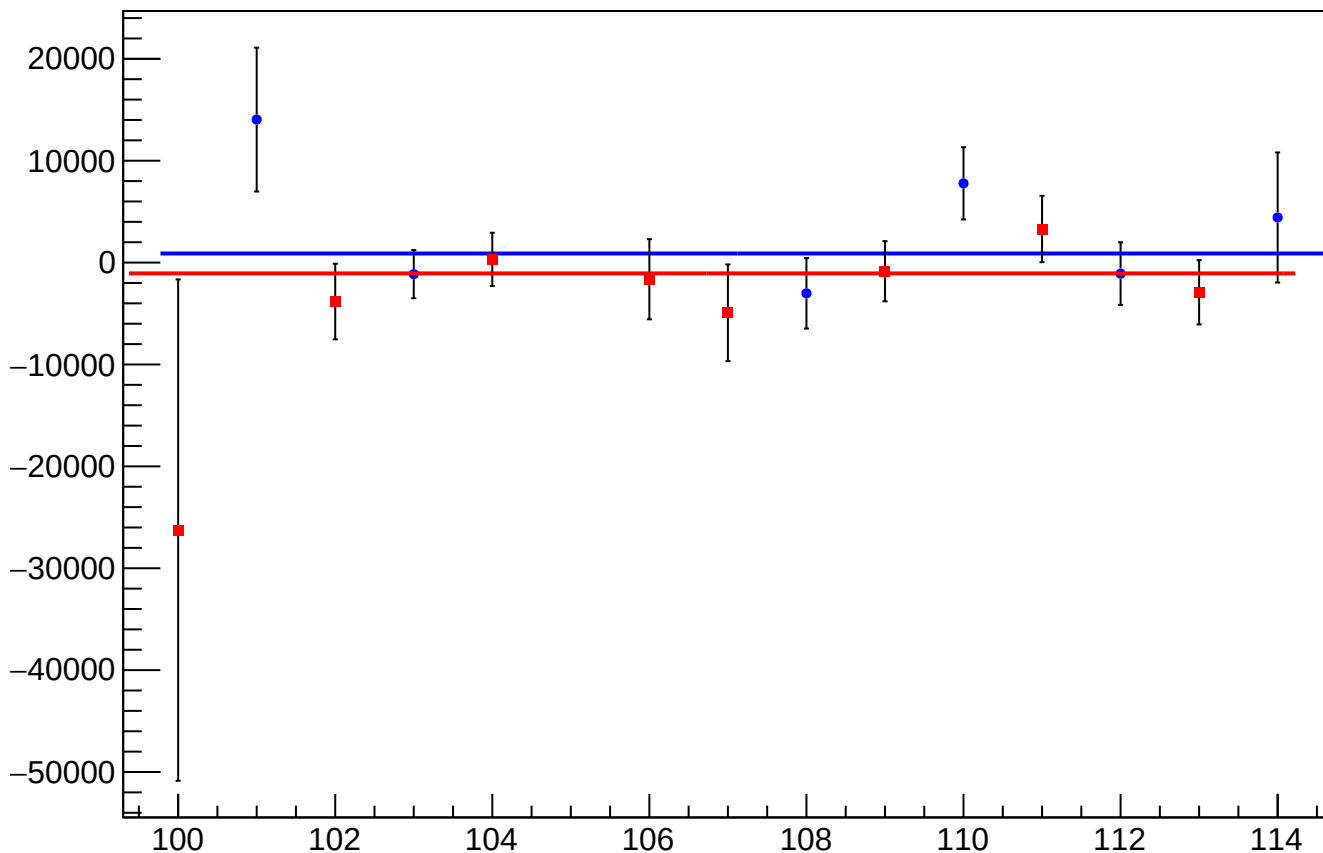
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.375+/-0.230 χ^2/NDF : 1262785.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_mean vs Slug



Right In: 893.290 ± 1424.863 χ^2/NDF : 10.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1060.963 ± 1250.591 χ^2/NDF : 4.7/7

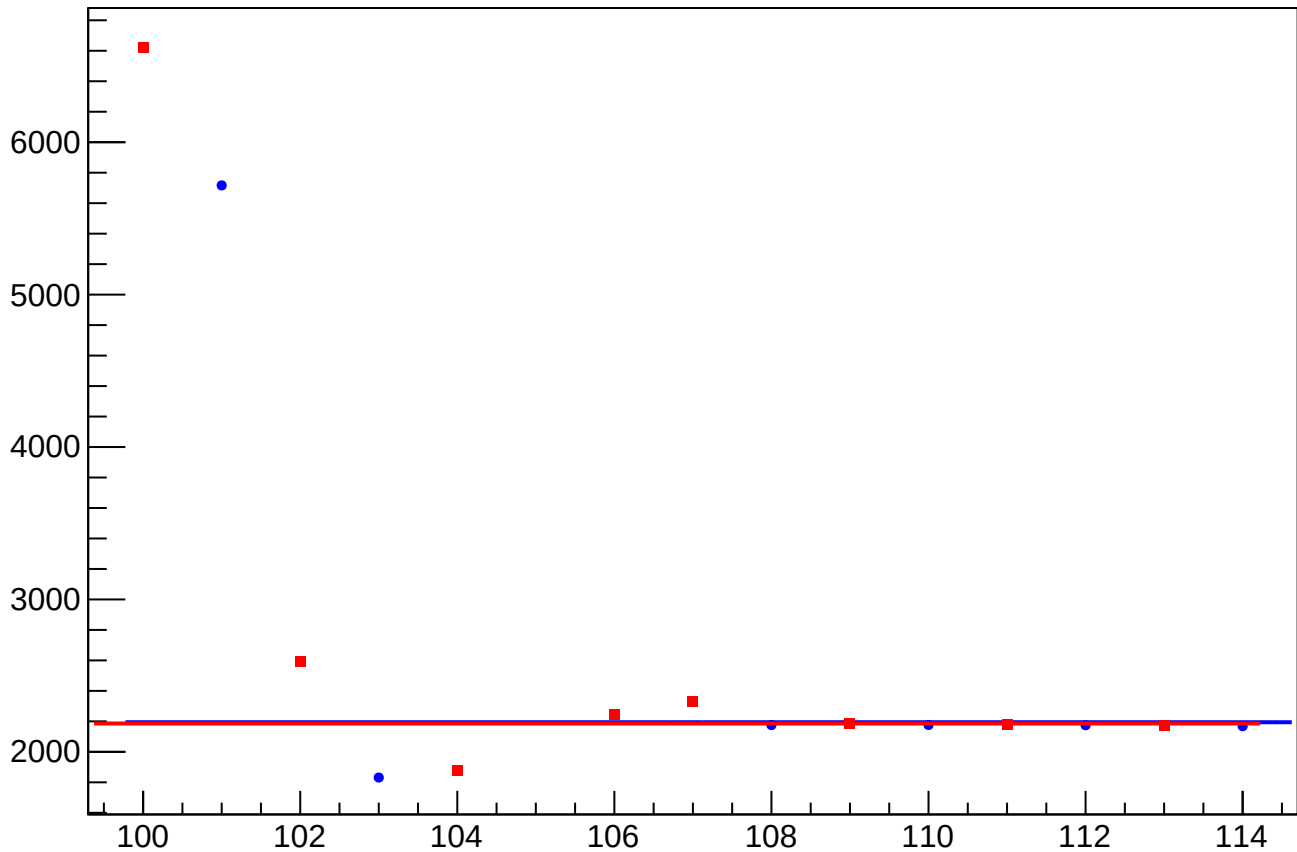
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -210.594 ± 939.910 χ^2/NDF : 15.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 2194.284+/-1.008 χ^2/NDF : 545270.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.077+/-0.884 χ^2/NDF : 118910.1/7

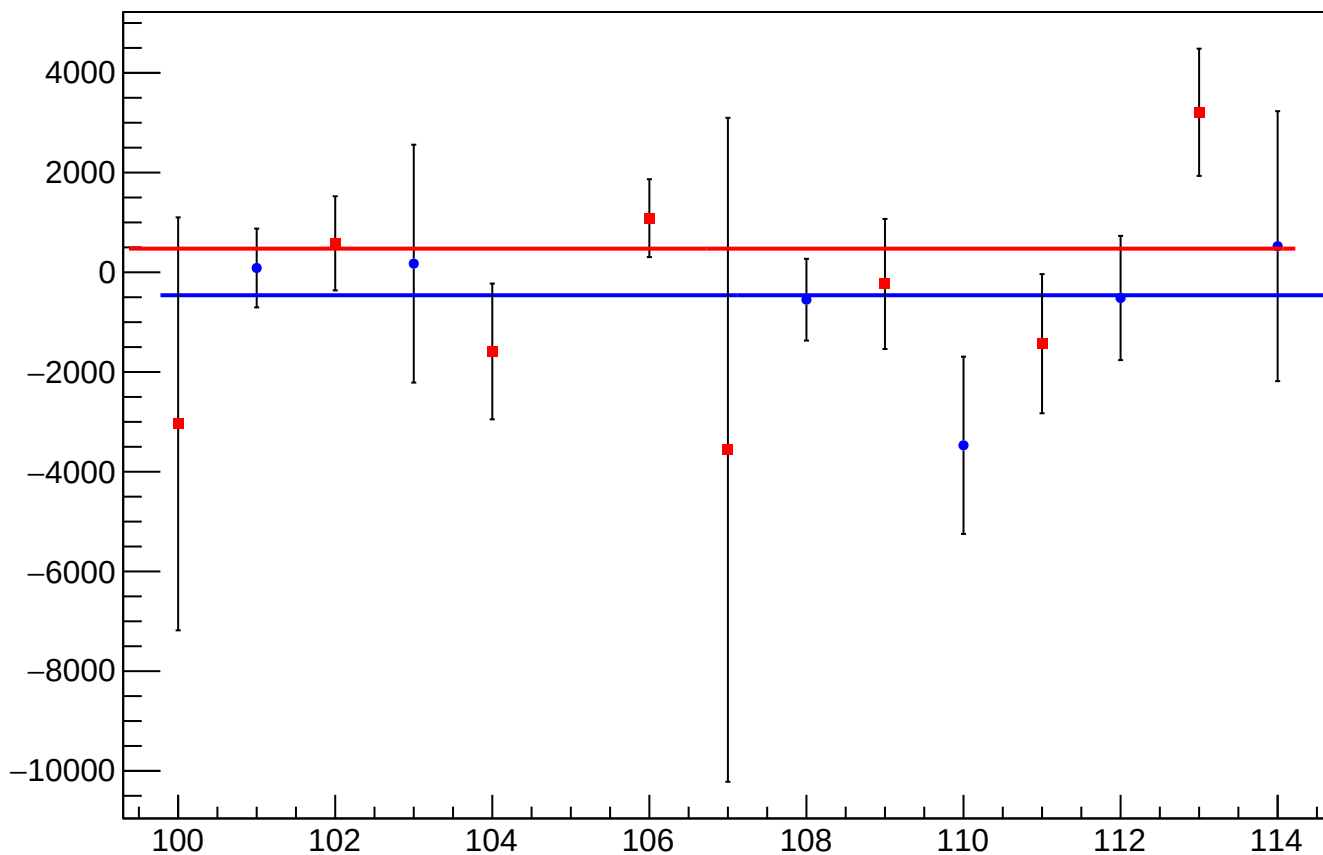
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.648+/-0.665 χ^2/NDF : 664218.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



Right In: -460.190+/-478.998 χ^2/NDF : 3.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 474.747+/-442.917 χ^2/NDF : 10.8/7

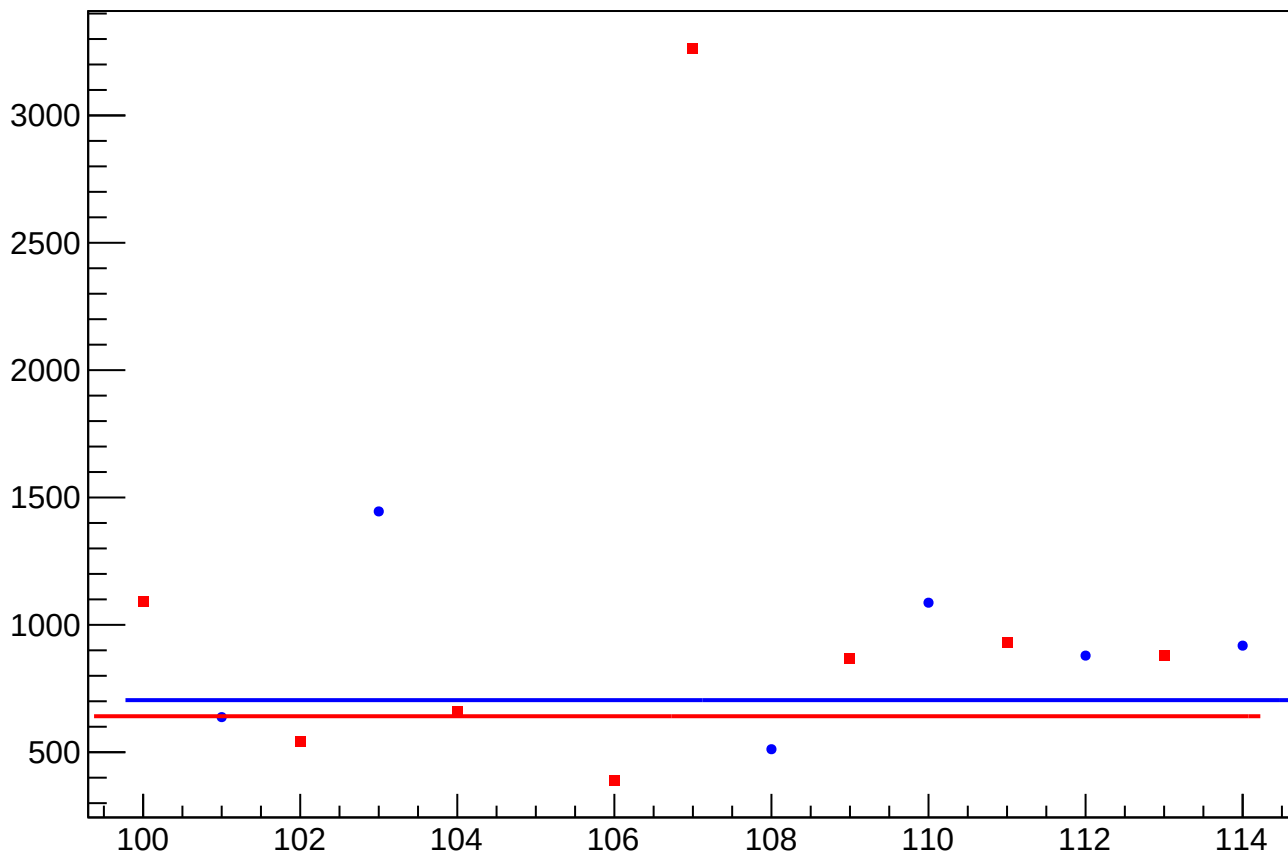
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.814+/-325.198 χ^2/NDF : 16.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 704.430+/-0.339 χ^2/NDF : 461905.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.256+/-0.313 χ^2/NDF : 782126.5/7

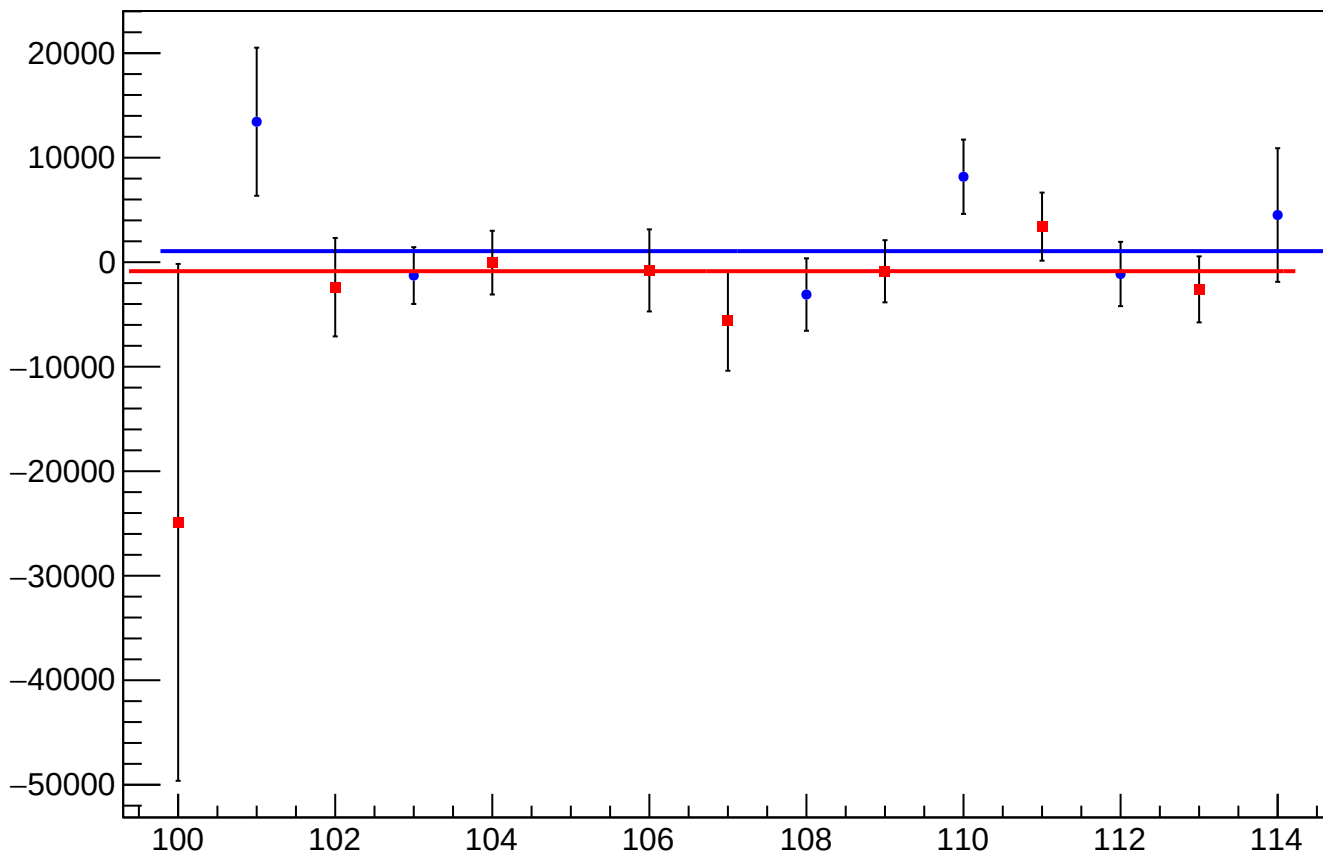
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.375+/-0.230 χ^2/NDF : 1262785.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 1058.999+/-1494.064 χ^2/NDF : 10.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -858.523+/-1323.431 χ^2/NDF : 4.1/7

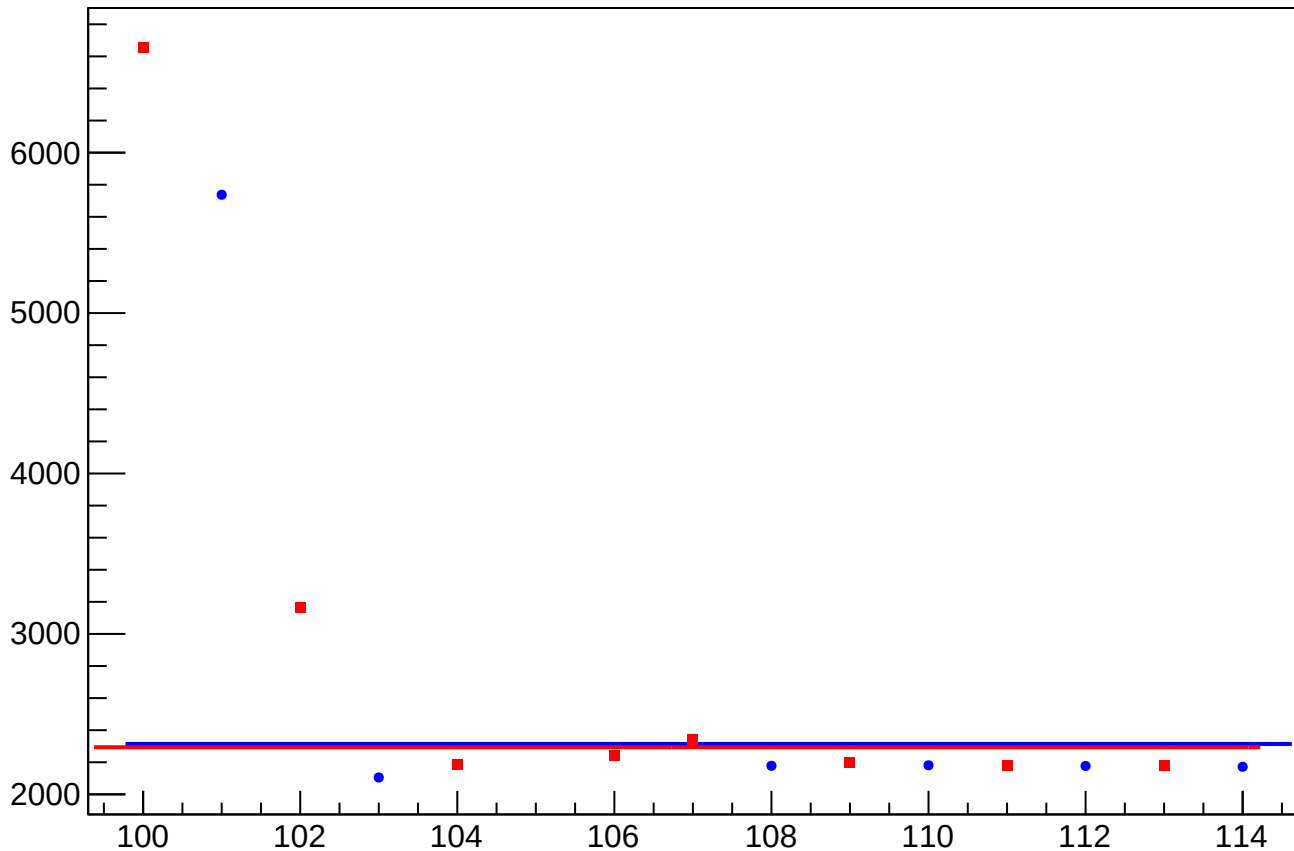
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.467+/-990.666 χ^2/NDF : 15.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 2314.107+/-1.056 χ^2/NDF : 489492.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2293.751+/-0.936 χ^2/NDF : 140801.3/7

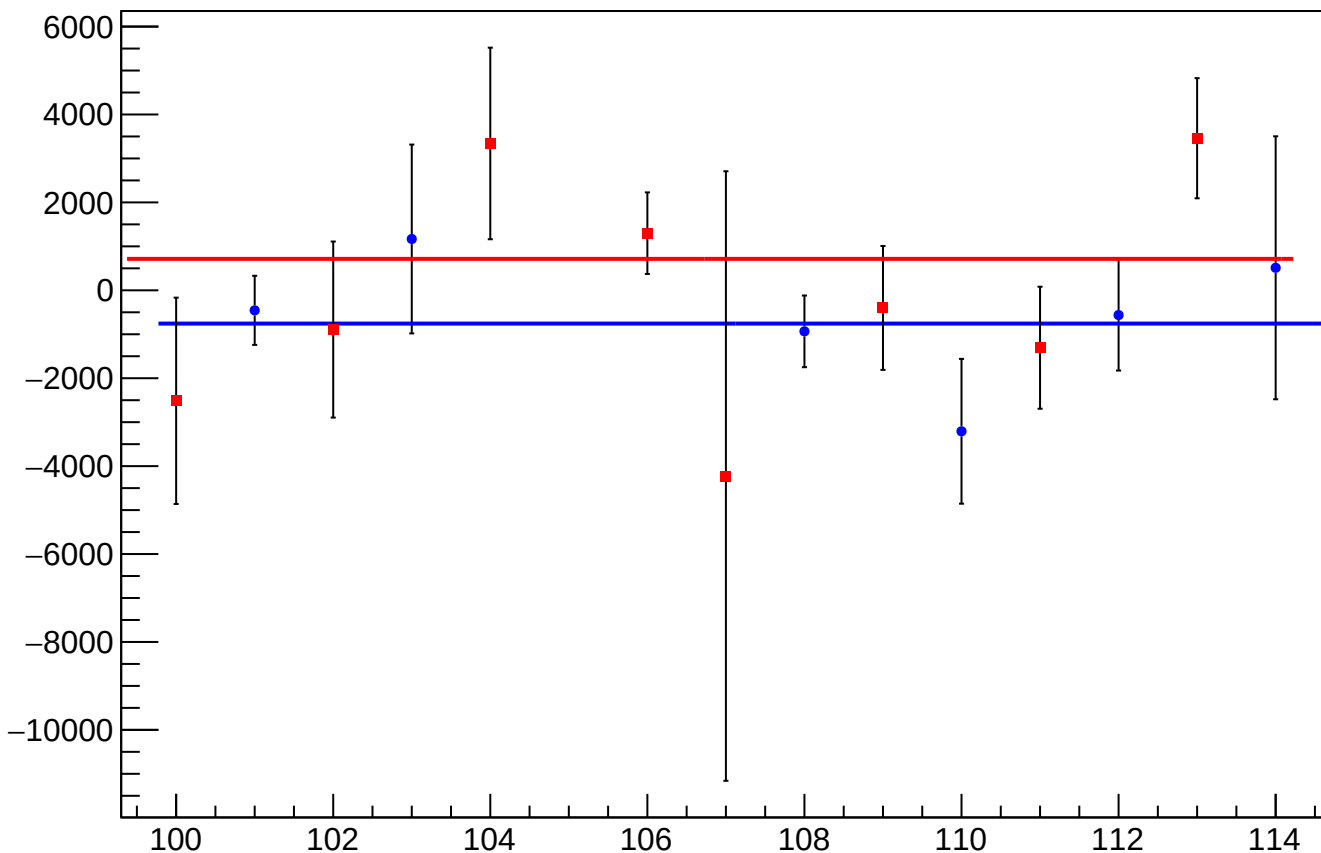
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.700+/-0.701 χ^2/NDF : 630502.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



Right In: -756.948+/-474.280 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.342+/-543.752 χ^2/NDF : 11.7/7

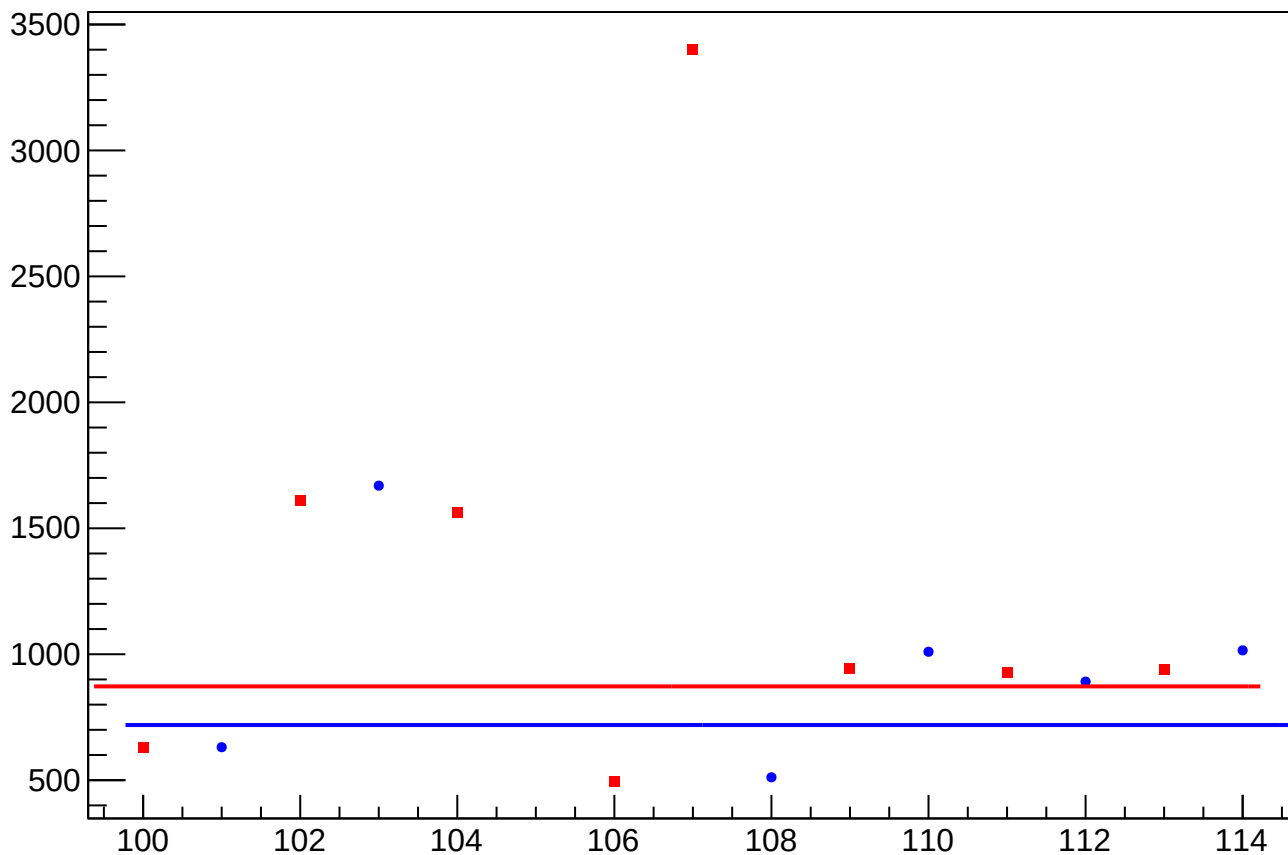
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.809+/-357.421 χ^2/NDF : 19.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 718.981 $\pm$ 0.335 χ^2 /NDF: 665198.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 872.355 $\pm$ 0.384 χ^2 /NDF: 1104027.4/7

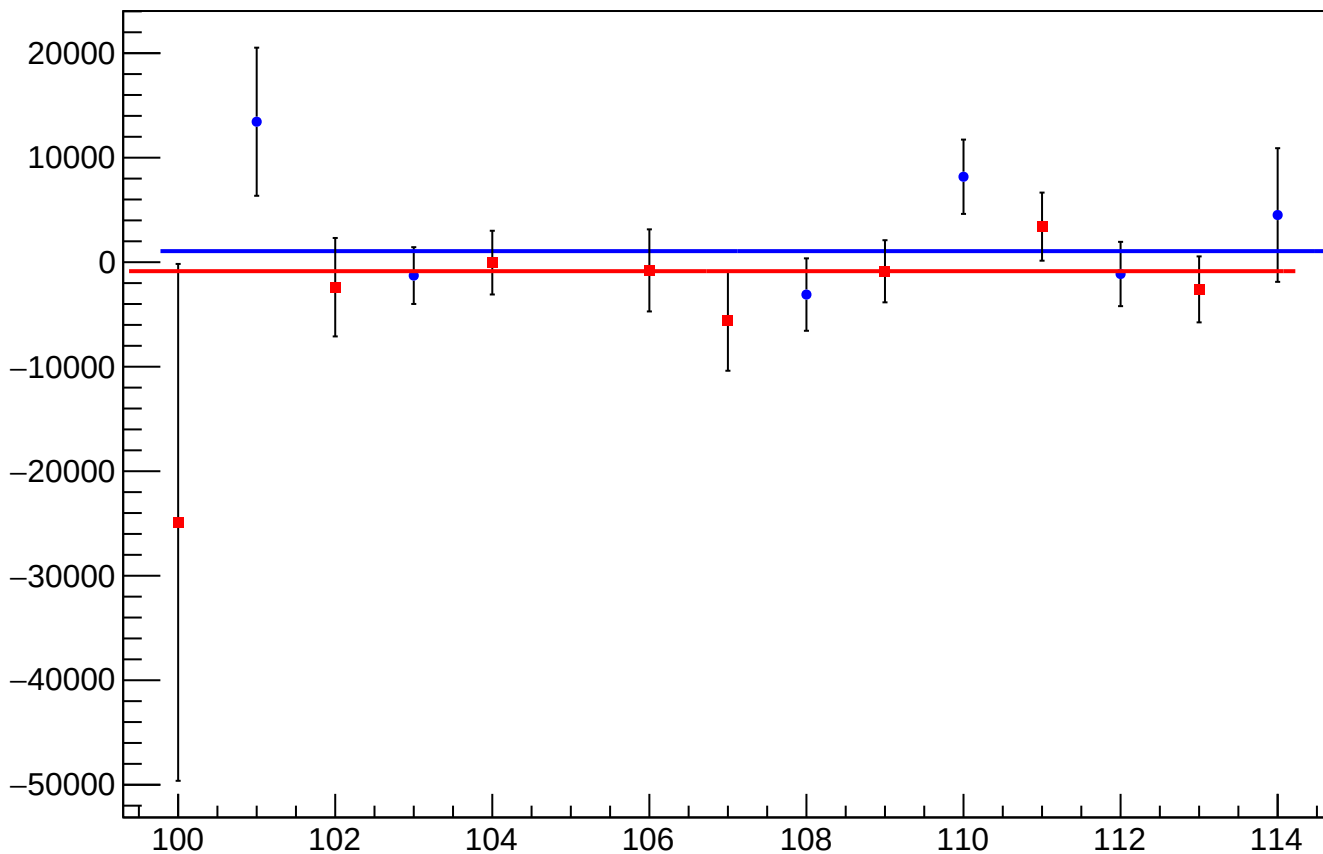
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 785.250 $\pm$ 0.253 χ^2 /NDF: 1859595.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 1058.995 $\pm$ 1494.063 χ^2 /NDF: 10.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -858.519 $\pm$ 1323.430 χ^2 /NDF: 4.1/7

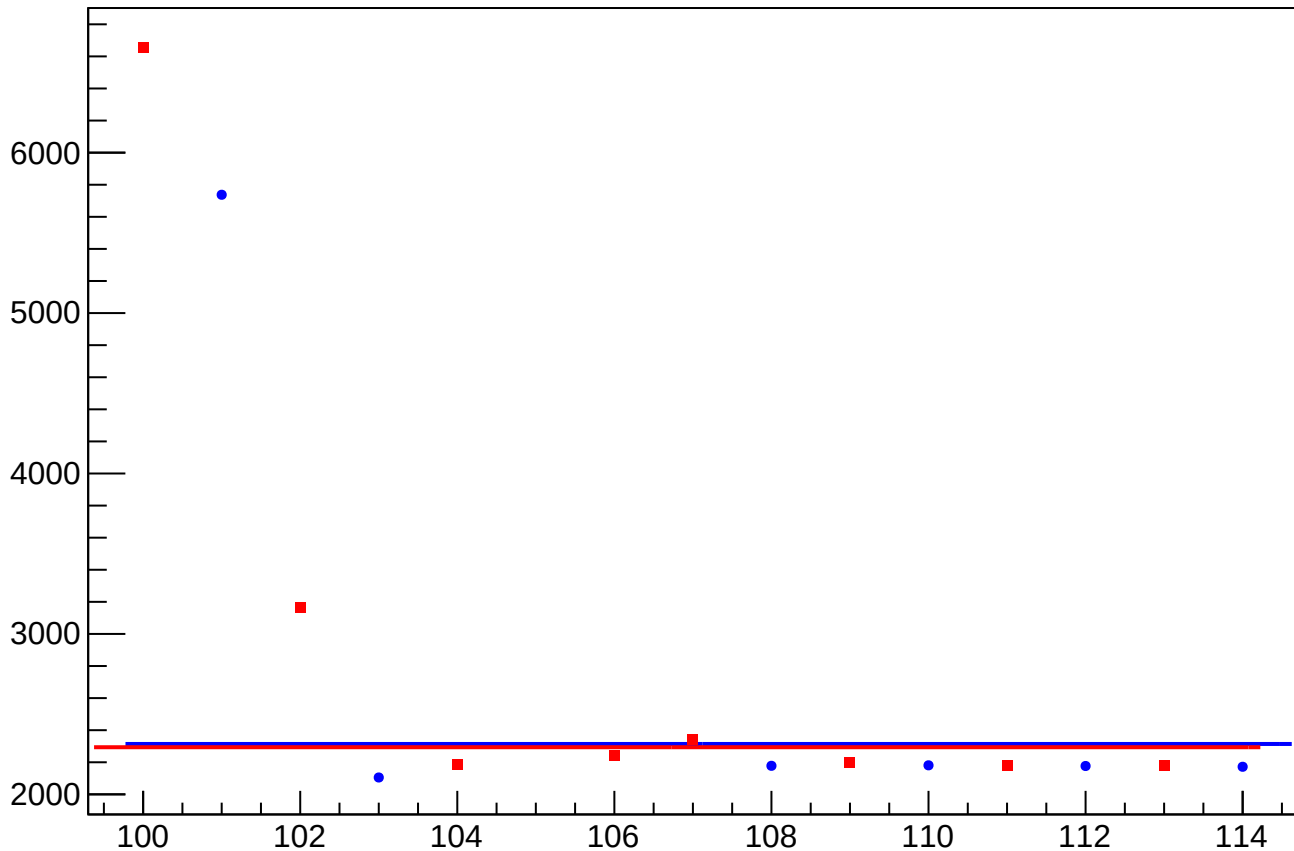
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.466 $\pm$ 990.666 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 2314.106 $\pm$ 1.056 χ^2 /NDF: 489493.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2293.749 $\pm$ 0.936 χ^2 /NDF: 140800.7/7

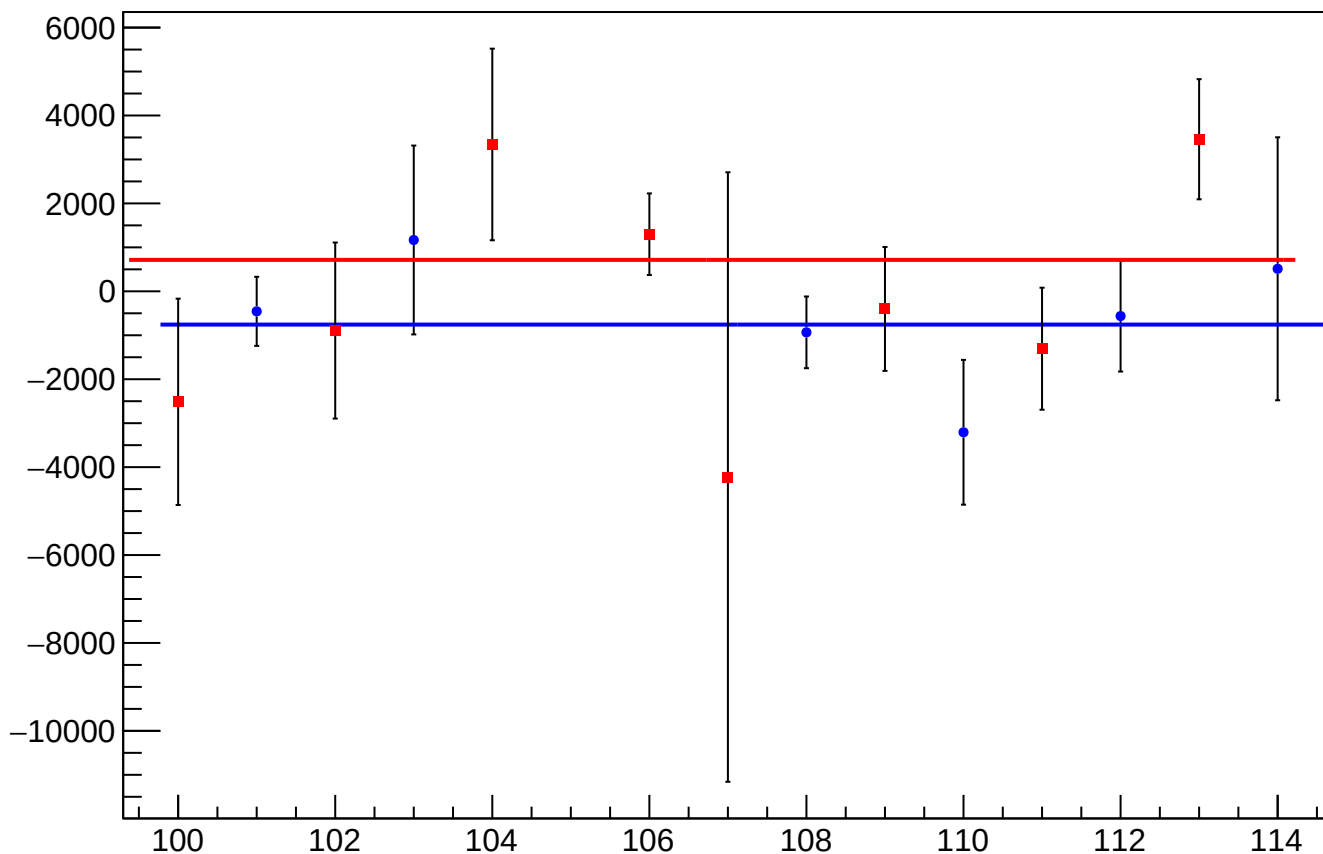
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2302.699 $\pm$ 0.701 χ^2 /NDF: 630502.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -756.947+/-474.279 χ^2 /NDF: 3.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 715.343+/-543.752 χ^2 /NDF: 11.7/7

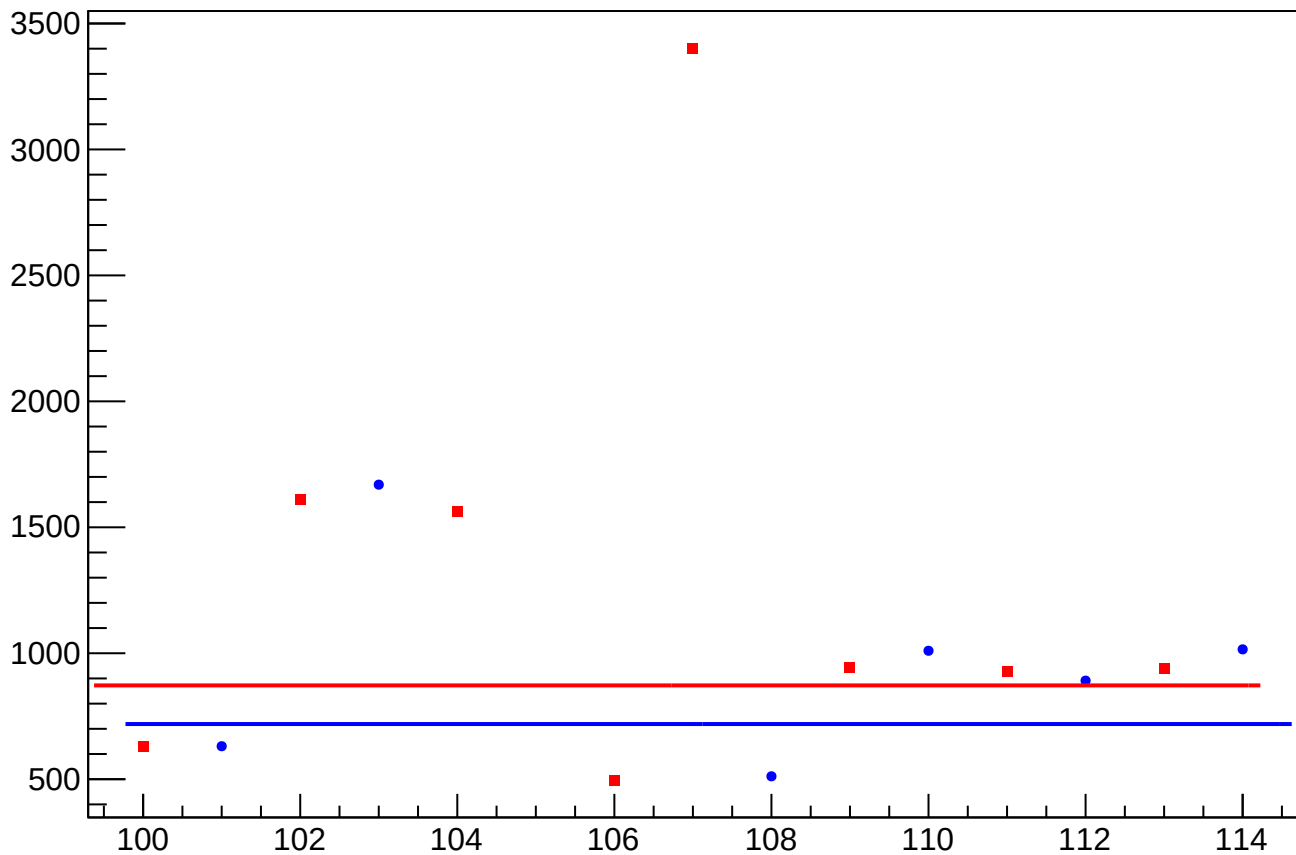
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.809+/-357.421 χ^2 /NDF: 19.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 718.980 $\pm$ 0.335 χ^2 /NDF: 665201.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 872.354 $\pm$ 0.384 χ^2 /NDF: 1104032.1/7

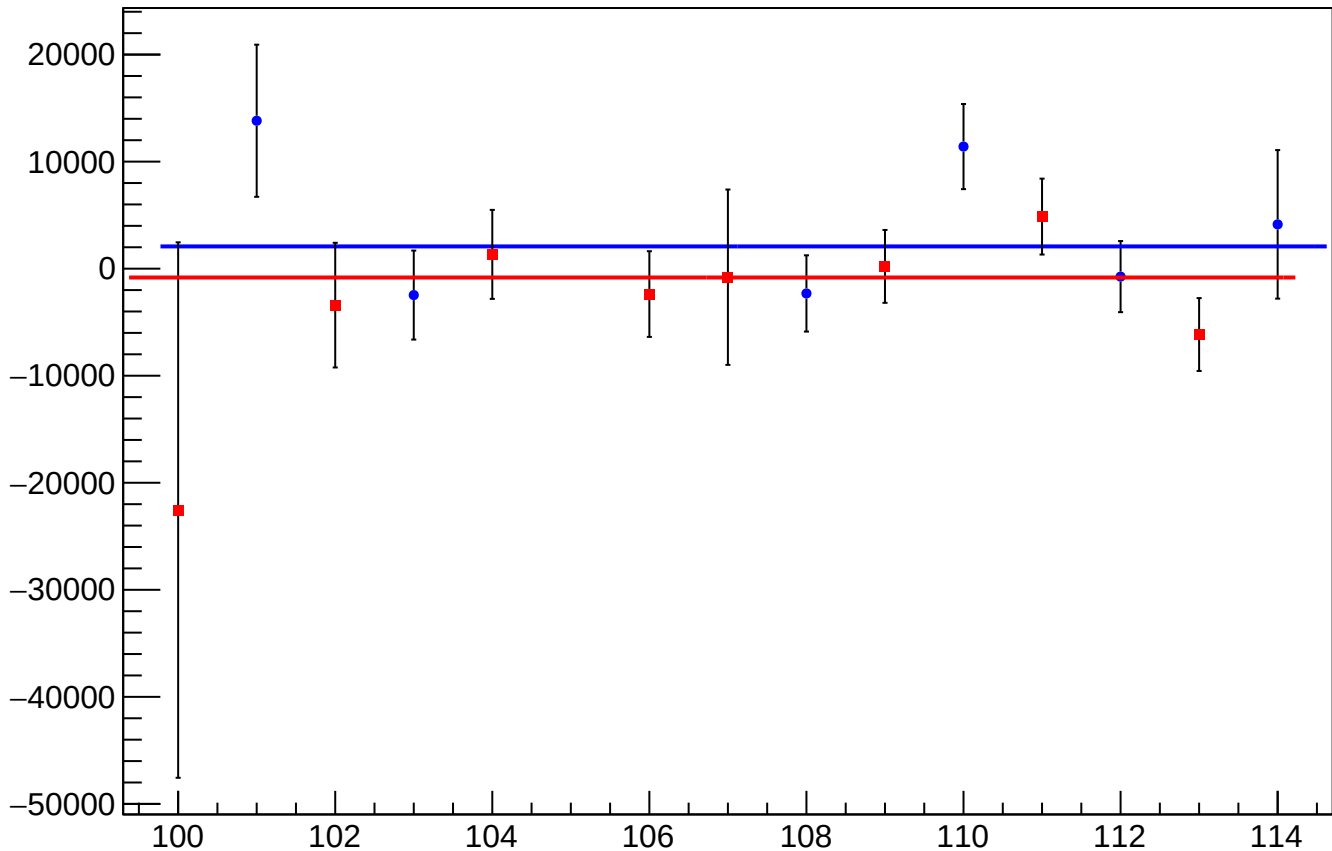
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 785.249 $\pm$ 0.253 χ^2 /NDF: 1859603.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2078.670+/-1737.794 χ^2/NDF : 11.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -824.465+/-1545.855 χ^2/NDF : 6.5/7

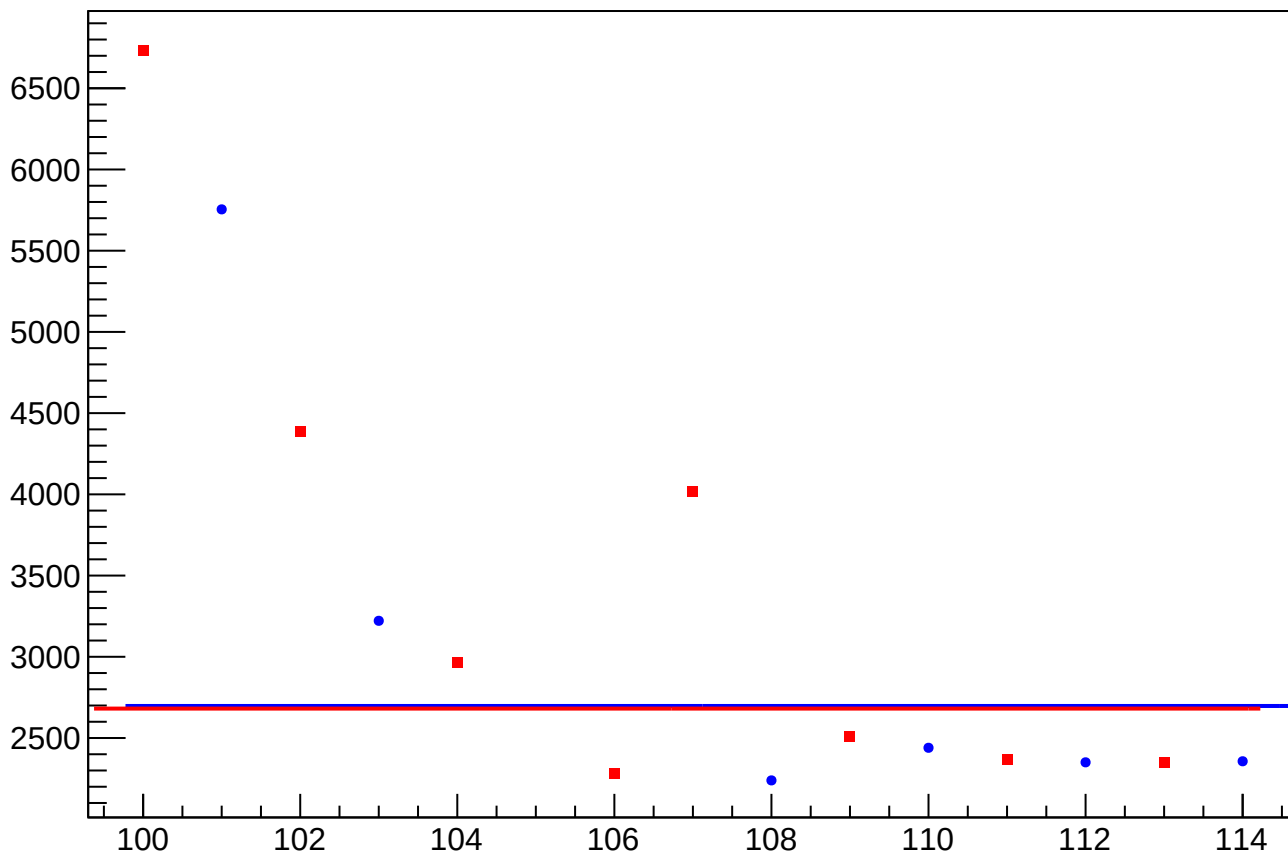
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.984+/-1155.007 χ^2/NDF : 19.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2697.185+/-1.229 χ^2/NDF : 470109.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2681.118+/-1.093 χ^2/NDF : 345798.5/7

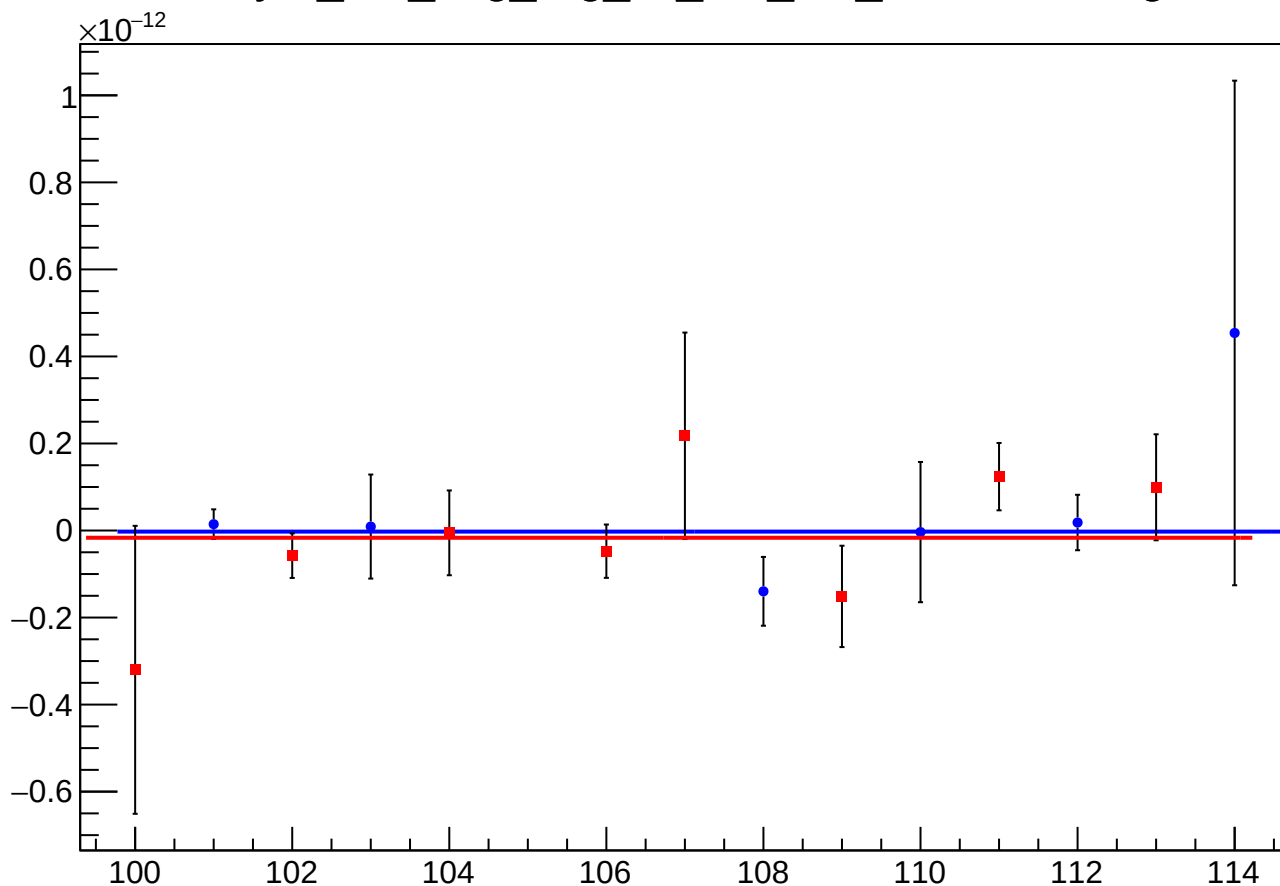
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2688.215+/-0.817 χ^2/NDF : 816003.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 8.3/7

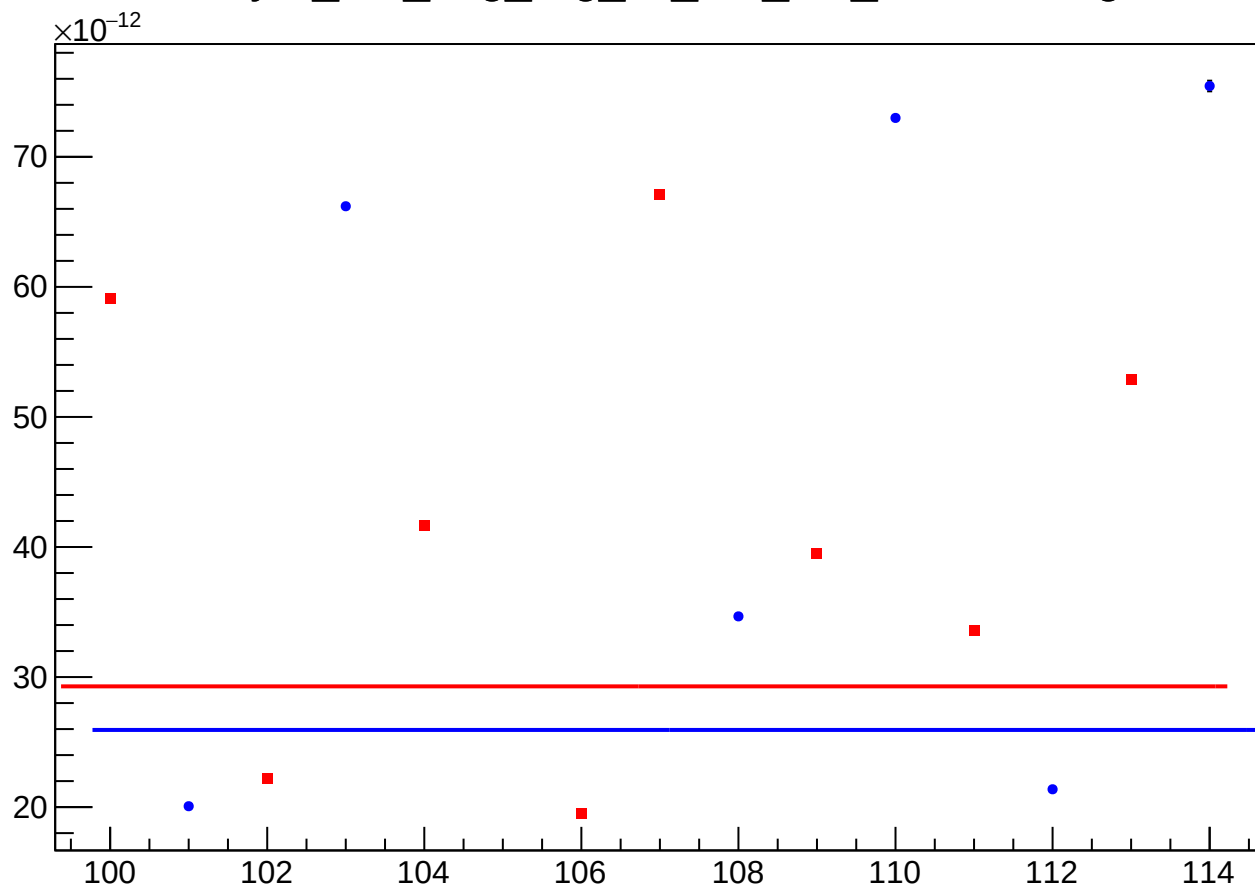
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 506004.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 285122.5/7

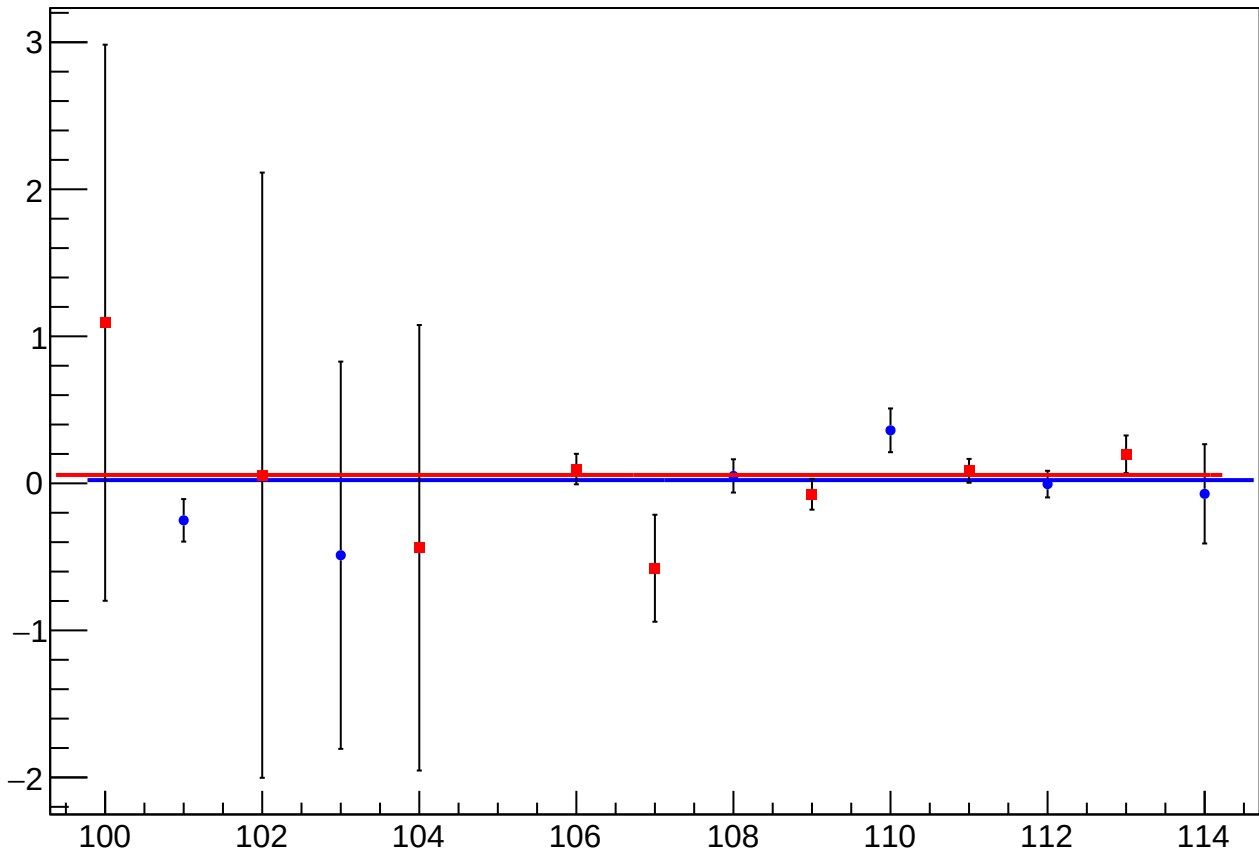
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 804782.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.058 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.057 $\pm$ 0.050 χ^2 /NDF: 6.5/7

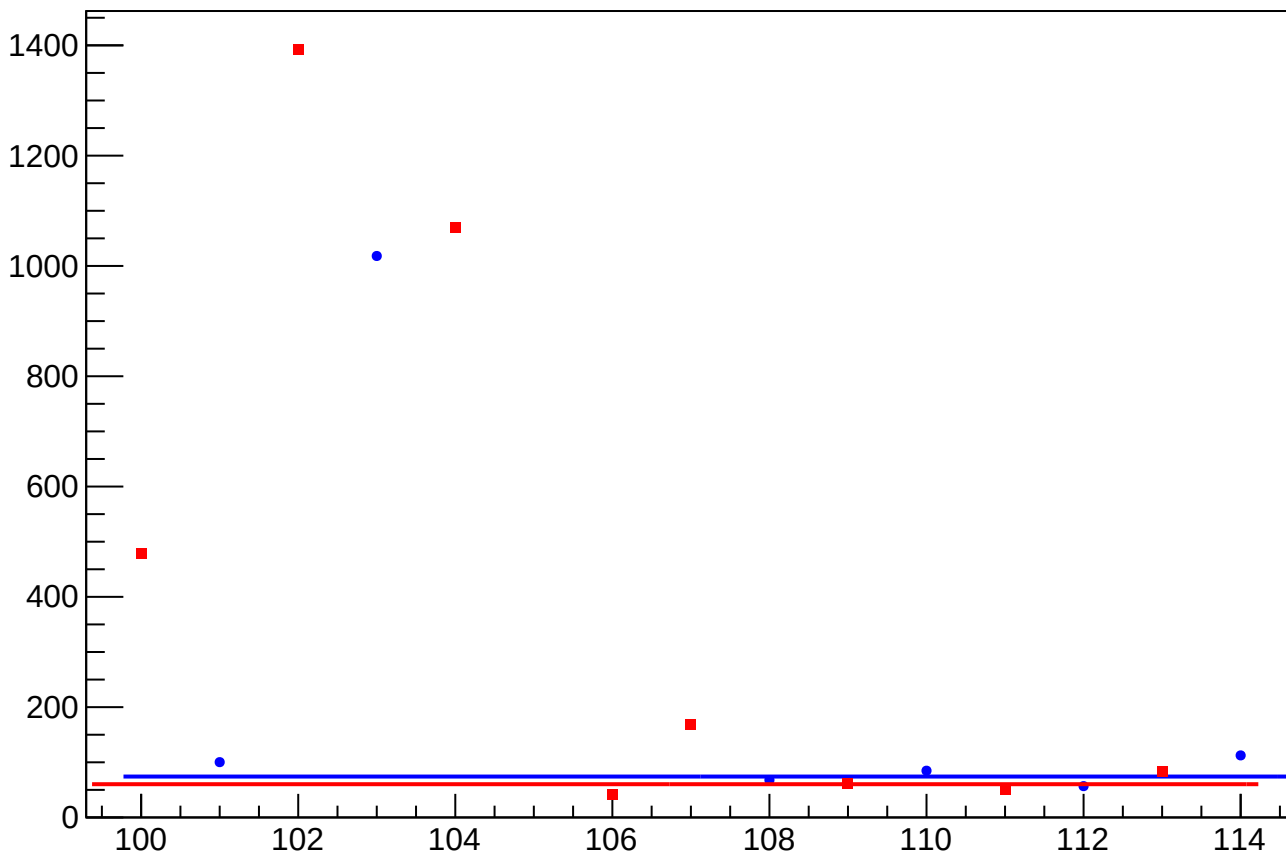
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.038 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 74.171 $\pm$ 0.041 χ^2 /NDF: 1208470.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.297 $\pm$ 0.035 χ^2 /NDF: 2159212.7/7

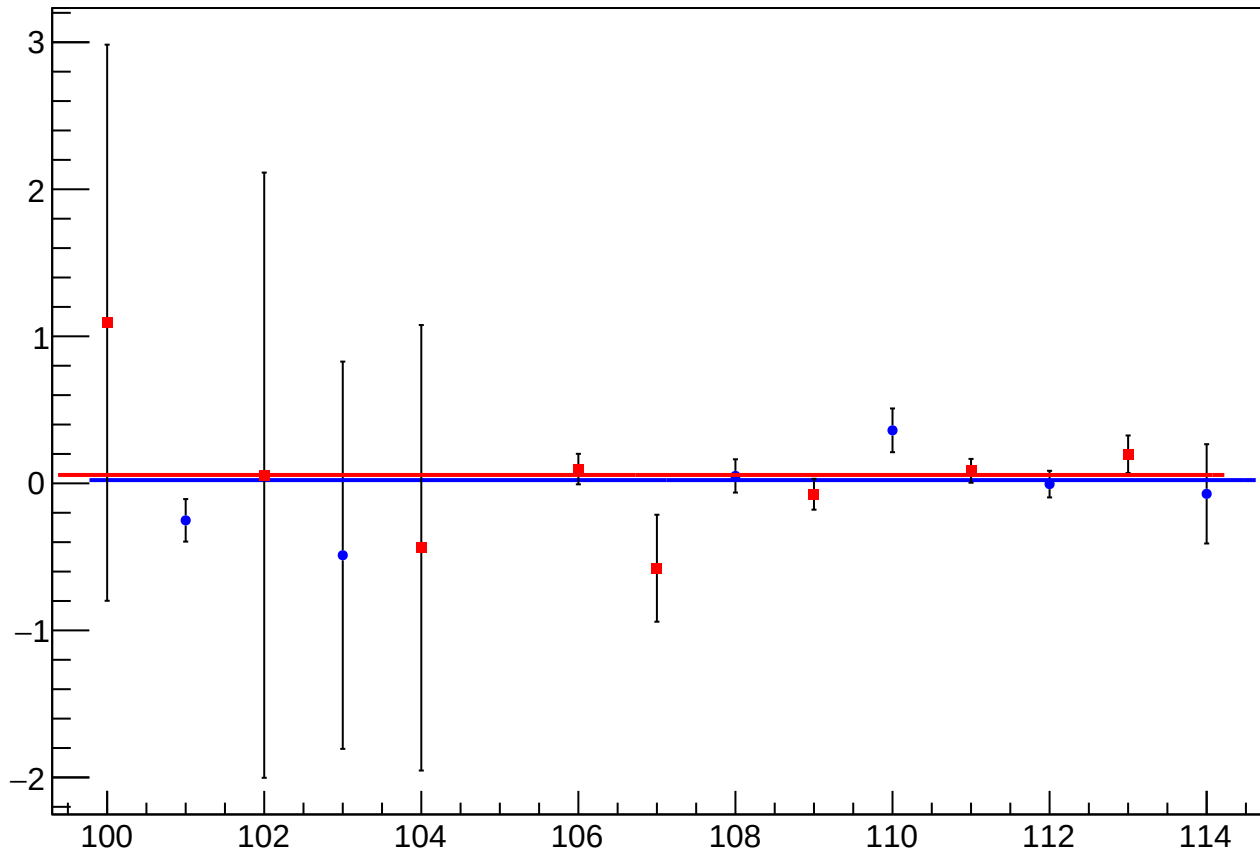
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.218 $\pm$ 0.027 χ^2 /NDF: 3434390.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.058 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.057 $\pm$ 0.050 χ^2 /NDF: 6.5/7

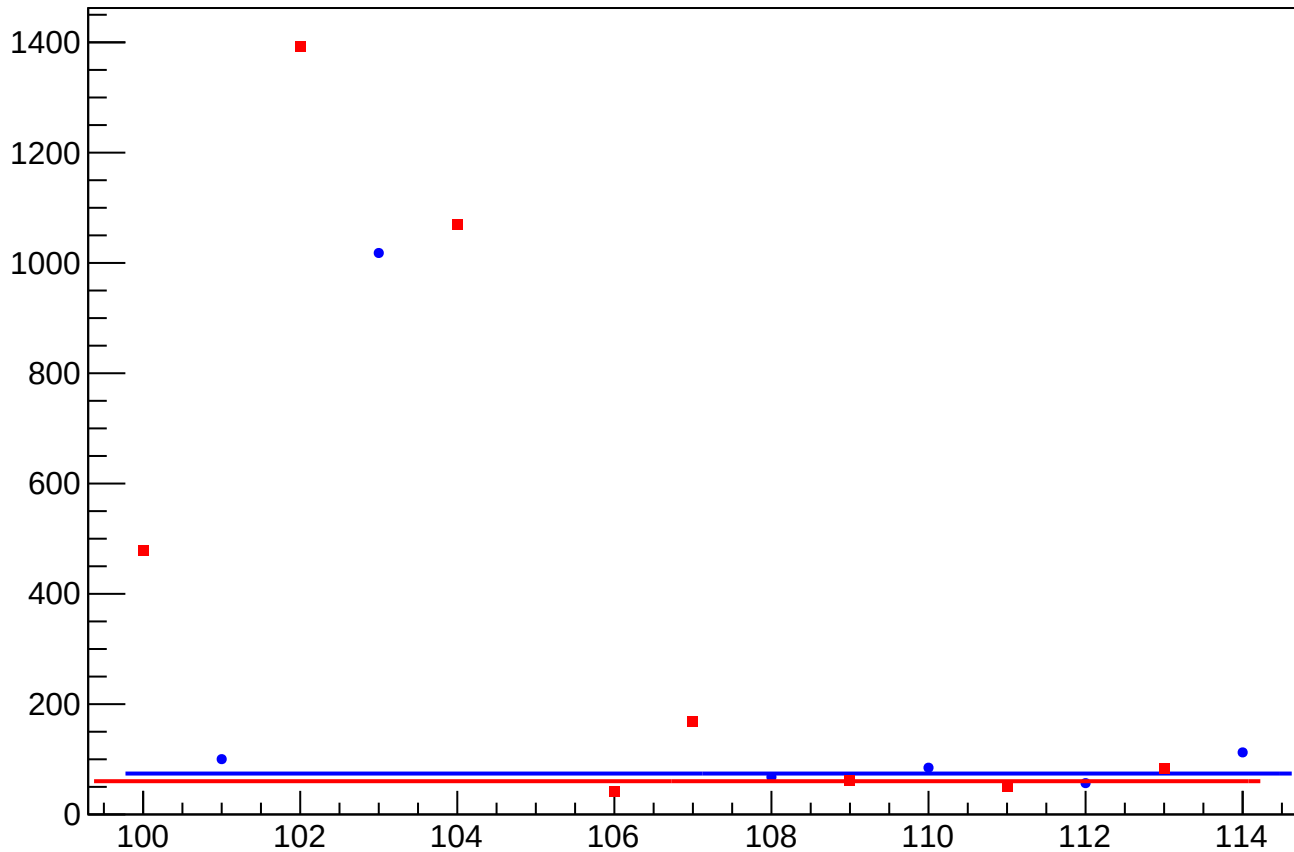
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.038 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.171 $\pm$ 0.041 χ^2 /NDF: 1208470.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.297 $\pm$ 0.035 χ^2 /NDF: 2159212.7/7

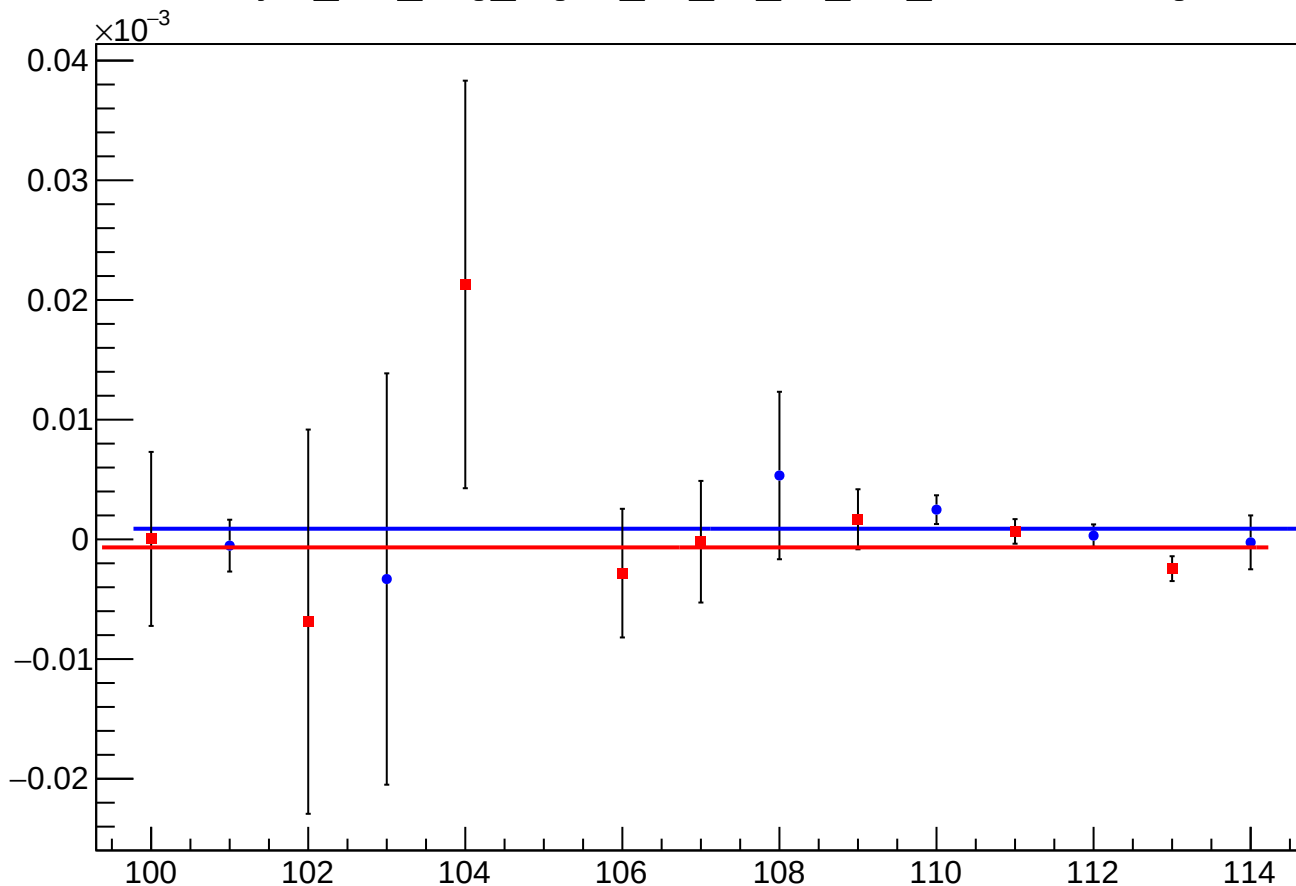
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.218 $\pm$ 0.027 χ^2 /NDF: 3434390.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/7

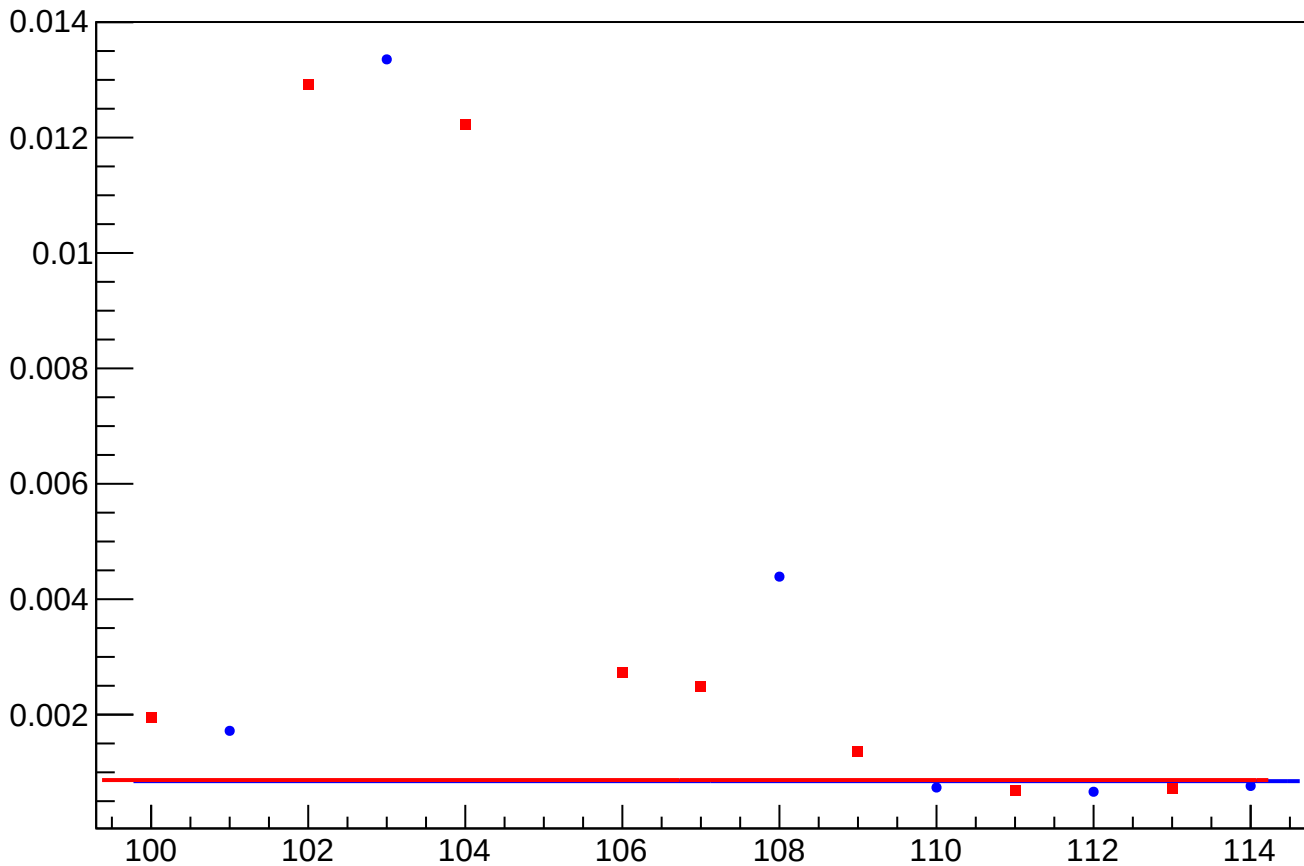
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1993615.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2690743.9/7

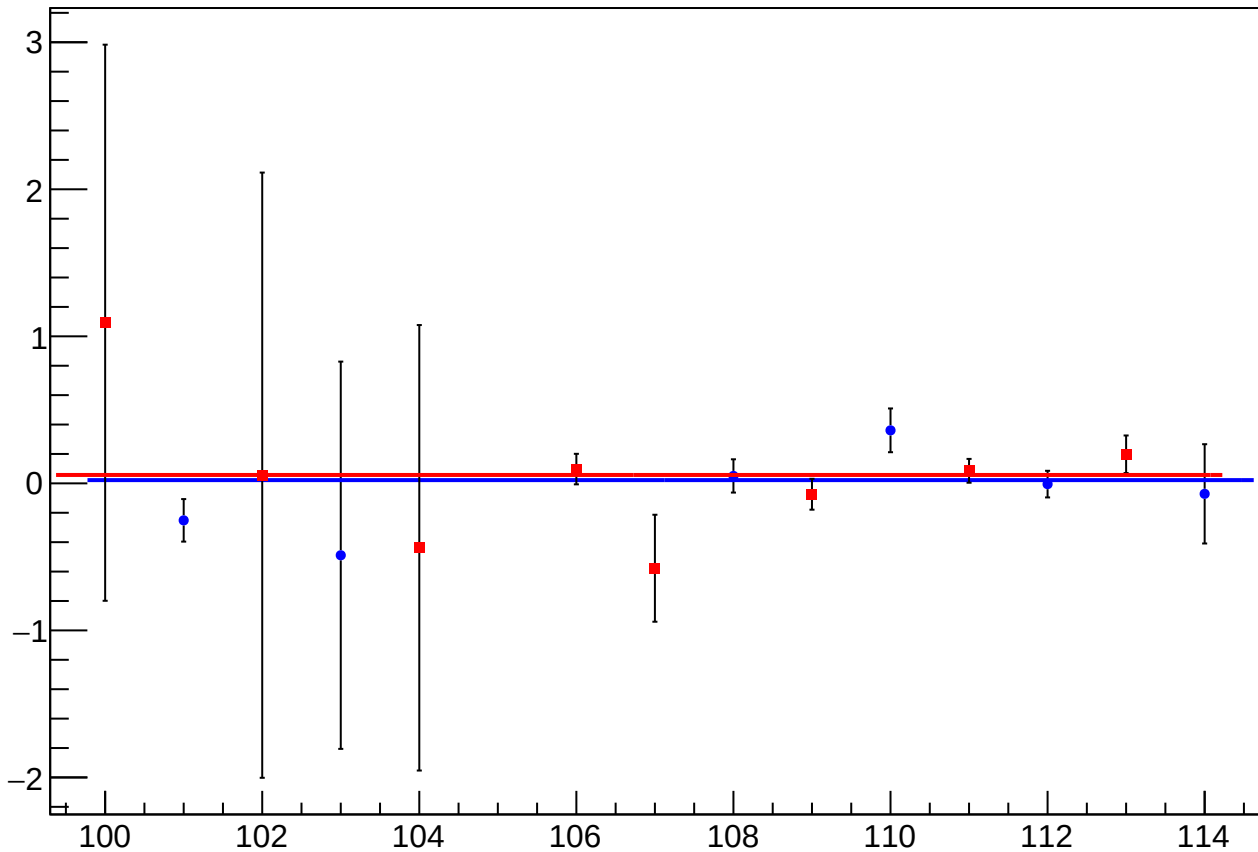
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4685139.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.058 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.057 $\pm$ 0.050 χ^2 /NDF: 6.5/7

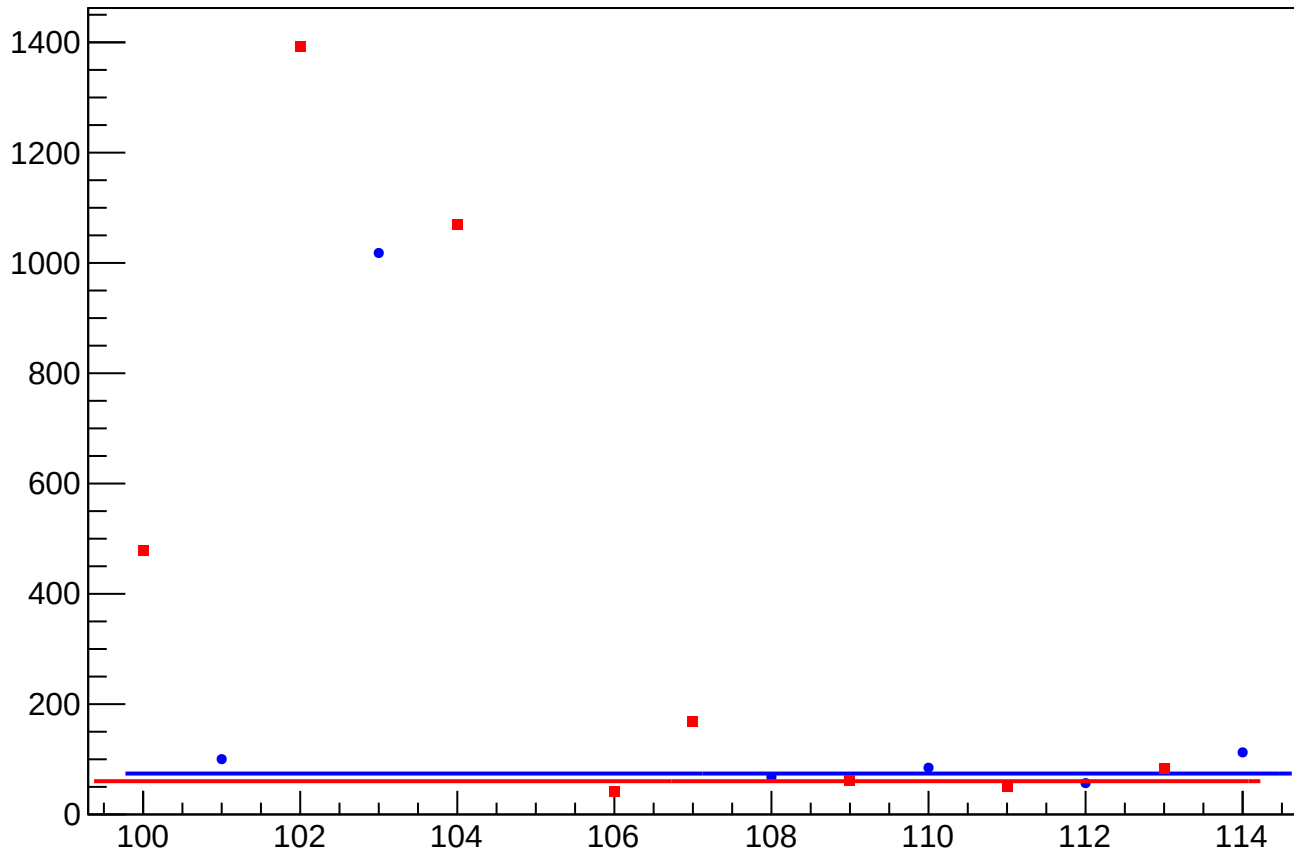
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.038 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 74.172 $\pm$ 0.041 χ^2 /NDF: 1208462.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.295 $\pm$ 0.035 χ^2 /NDF: 2159238.3/7

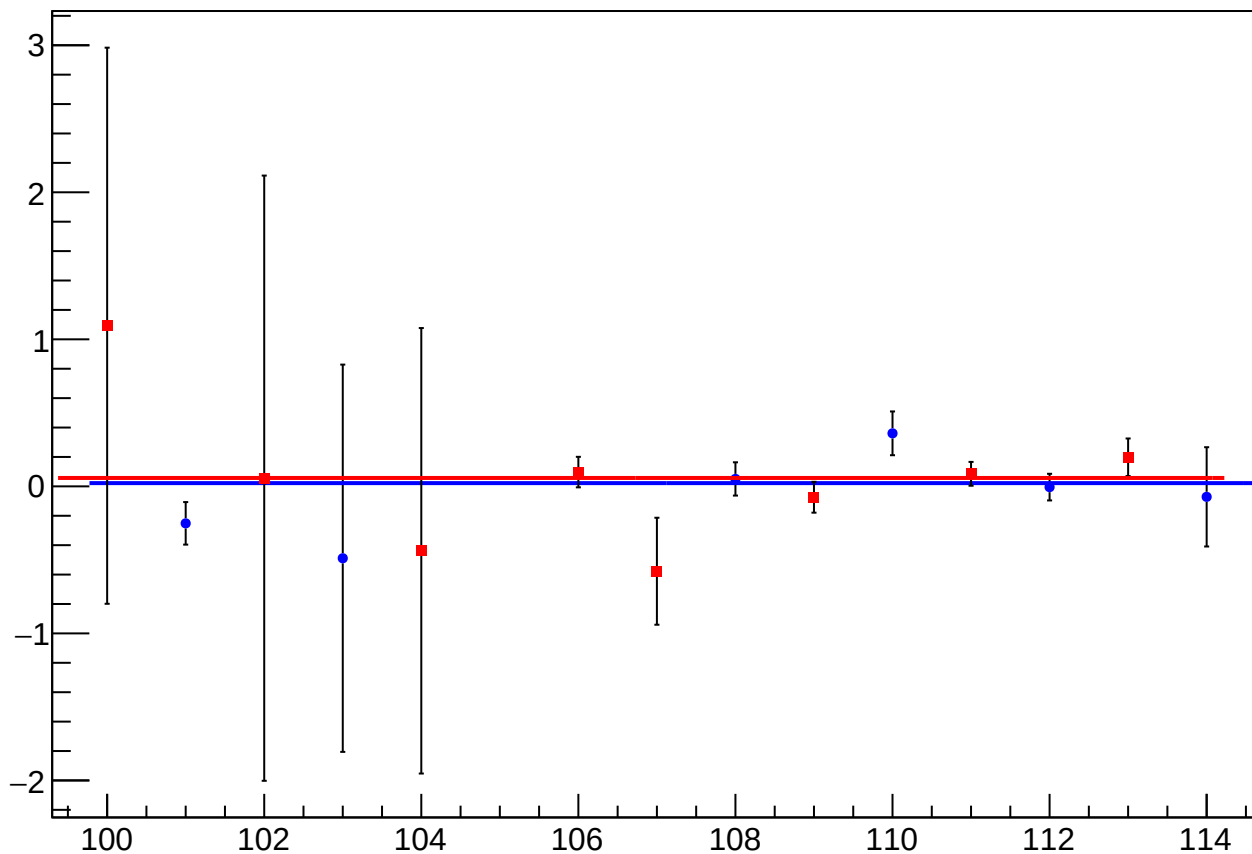
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.217 $\pm$ 0.027 χ^2 /NDF: 3434430.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.058 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.057 $\pm$ 0.050 χ^2 /NDF: 6.5/7

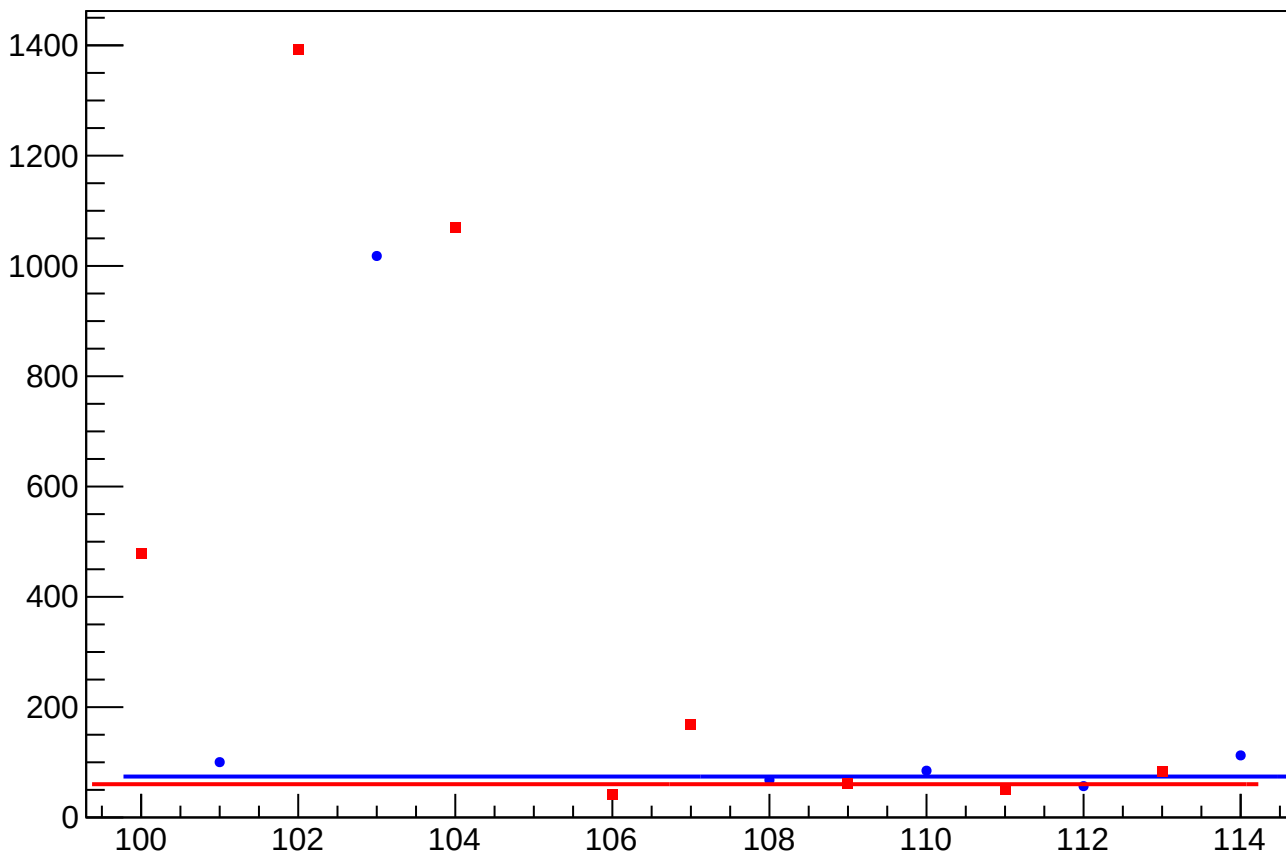
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.038 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.172 $\pm$ 0.041 χ^2 /NDF: 1208462.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.295 $\pm$ 0.035 χ^2 /NDF: 2159238.3/7

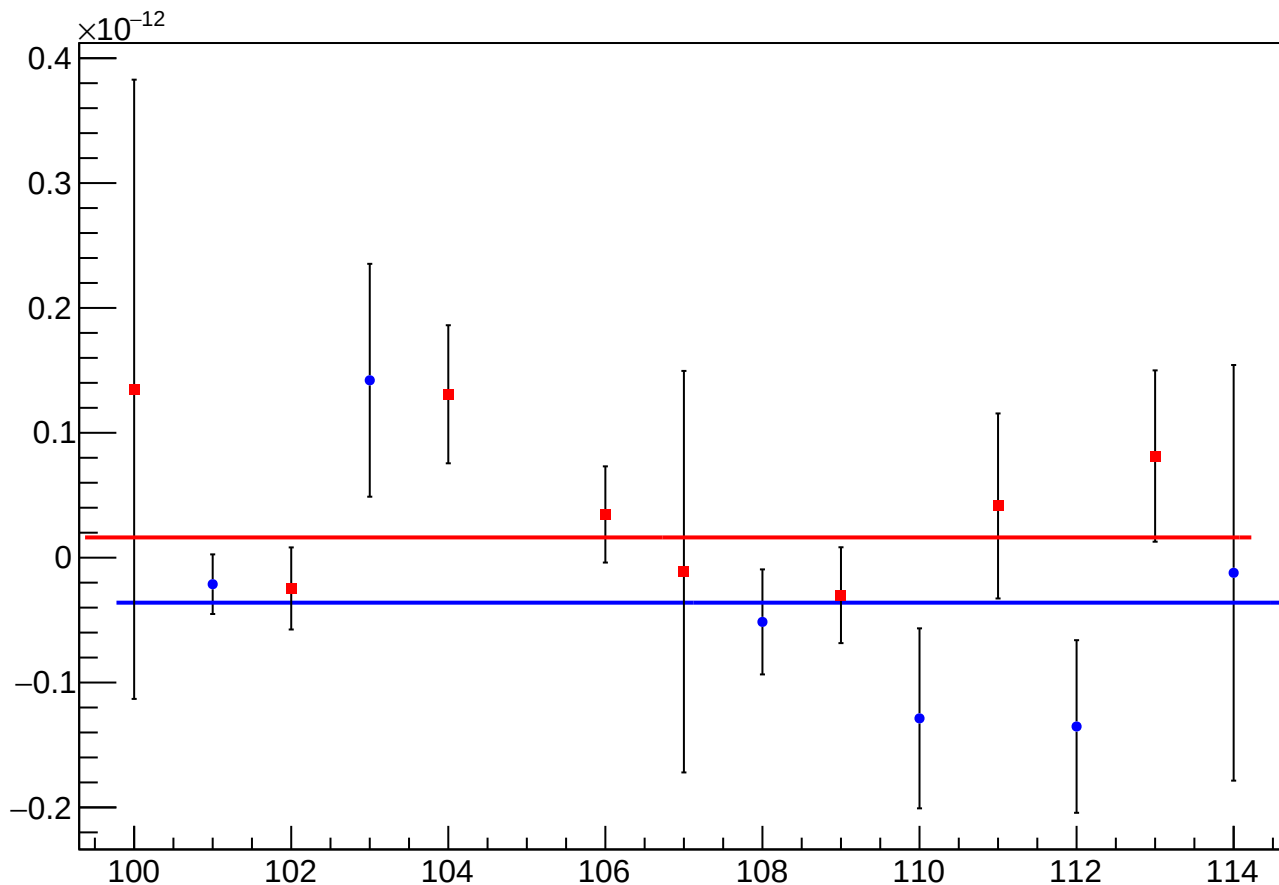
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.217 $\pm$ 0.027 χ^2 /NDF: 3434430.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/7

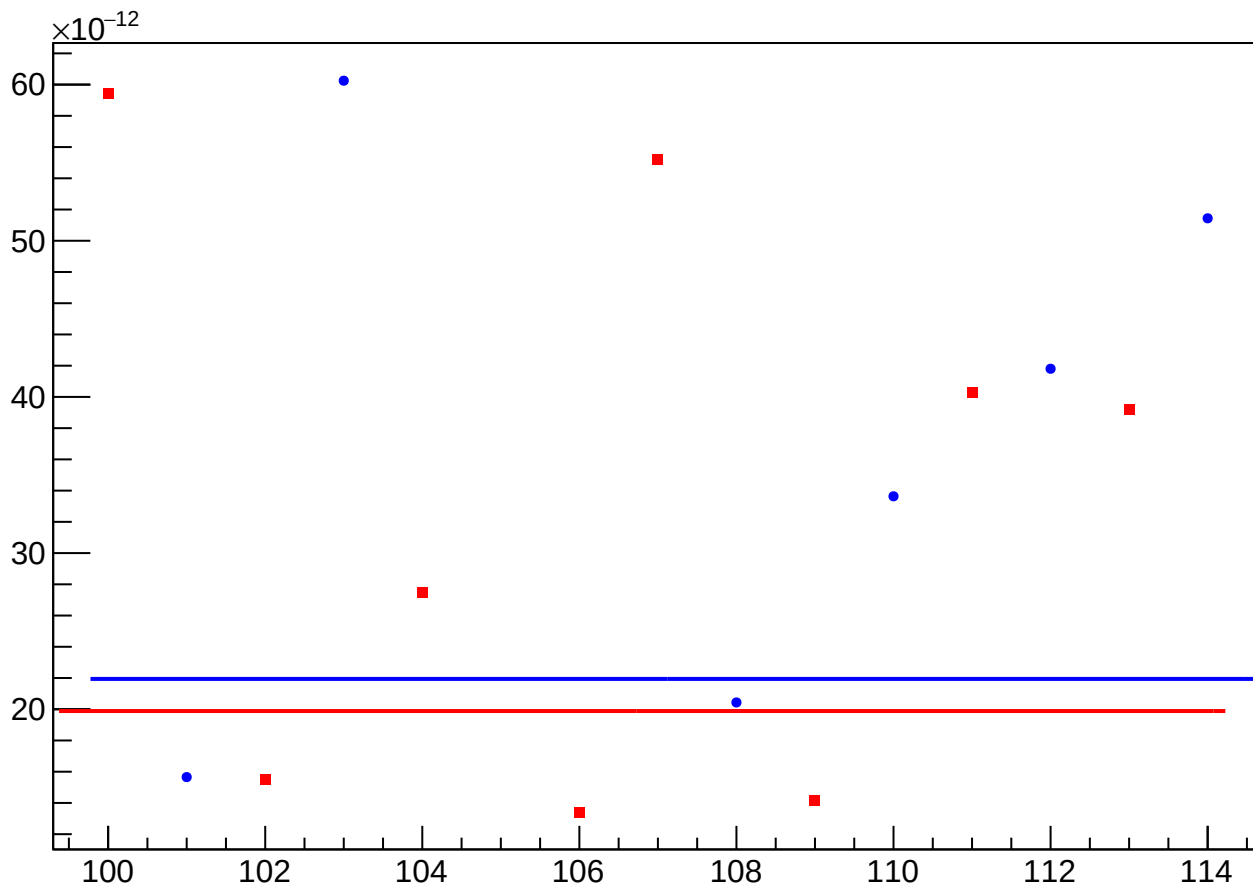
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 759389.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 631620.3/7

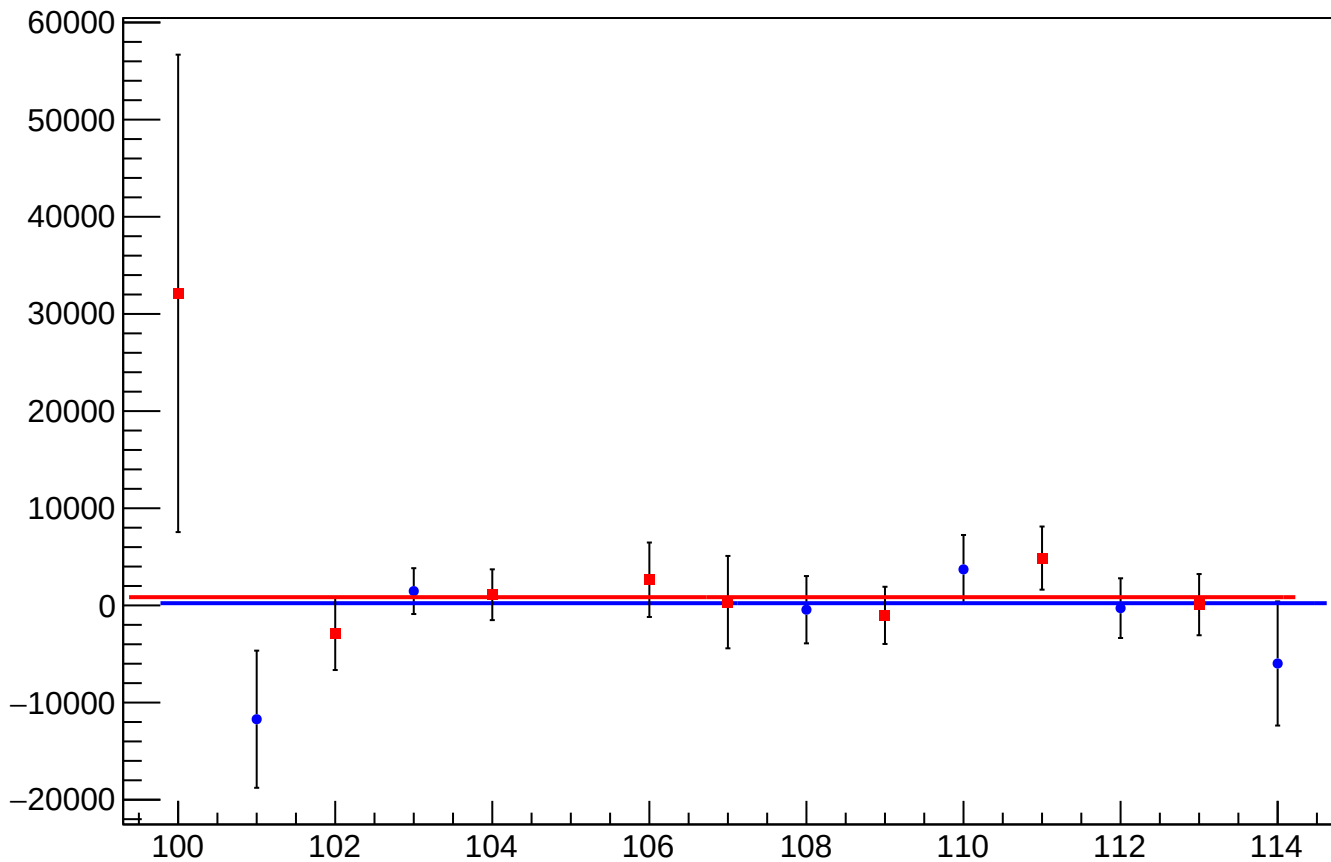
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1403528.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: 228.667 $\pm$ 1423.577 χ^2 /NDF: 5.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 848.700 $\pm$ 1246.036 χ^2 /NDF: 4.9/7

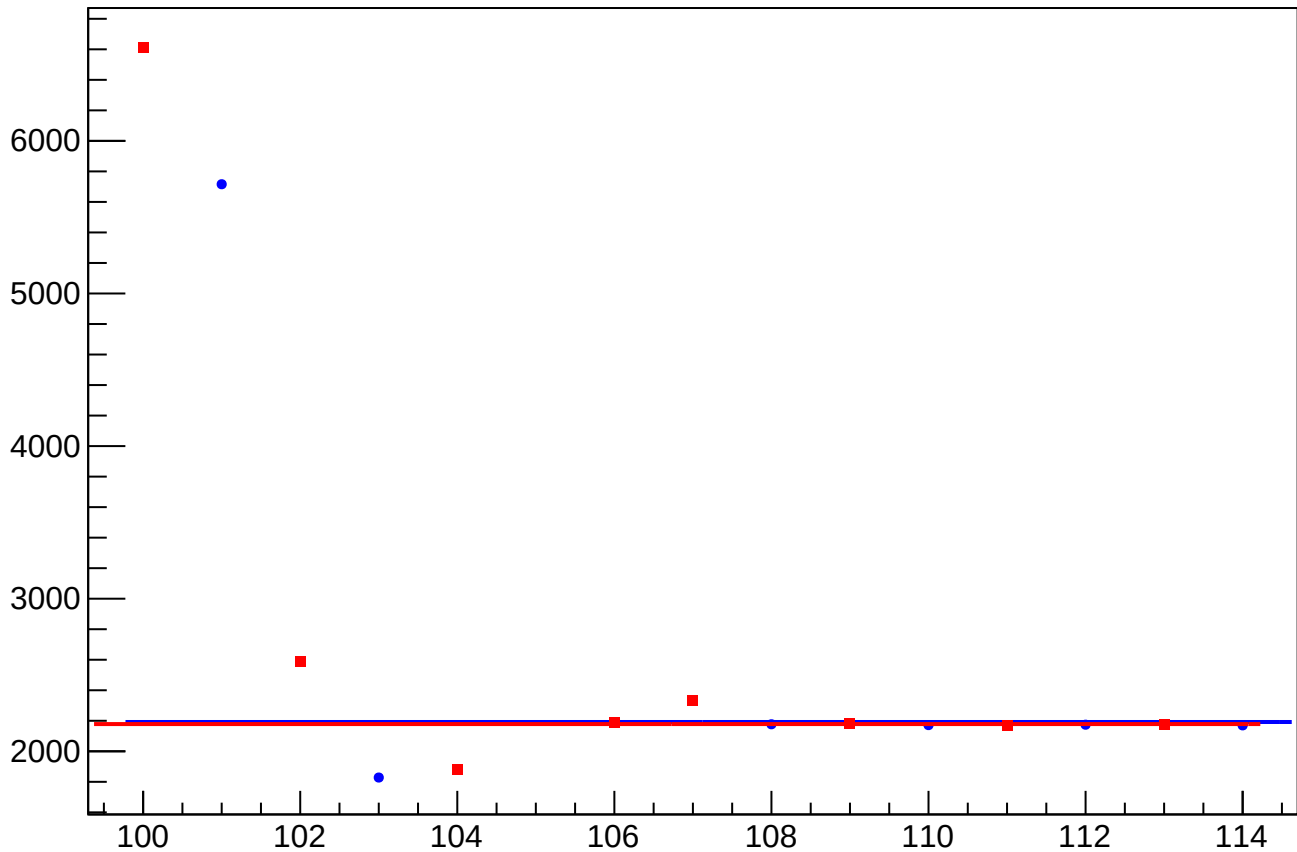
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 579.737 $\pm$ 937.605 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 2192.068 $\pm$ 1.007 χ^2 /NDF: 546290.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2178.461 $\pm$ 0.881 χ^2 /NDF: 118325.6/7

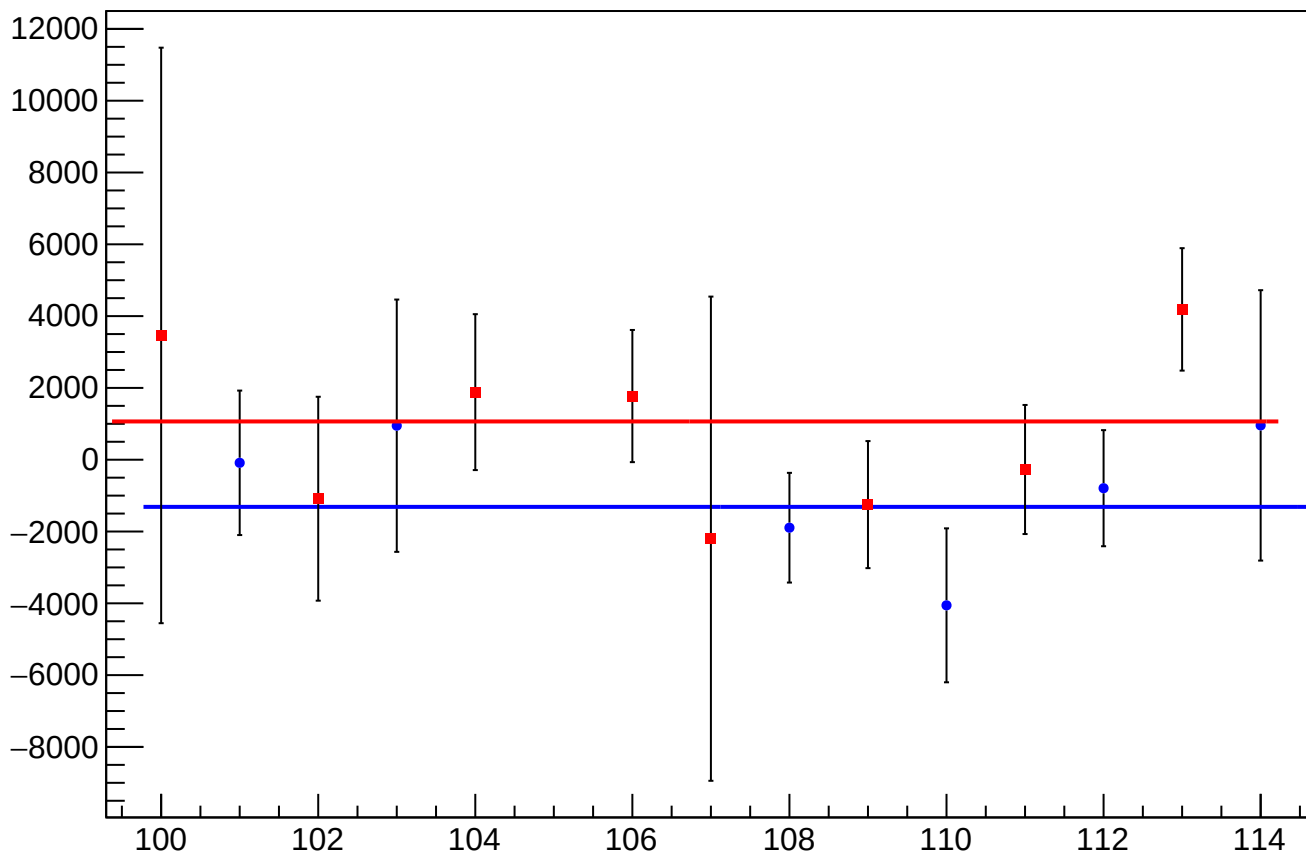
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2184.364 $\pm$ 0.663 χ^2 /NDF: 664719.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



Right In: -1313.504 $\pm$ 837.187 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1065.888 $\pm$ 780.556 χ^2 /NDF: 6.8/7

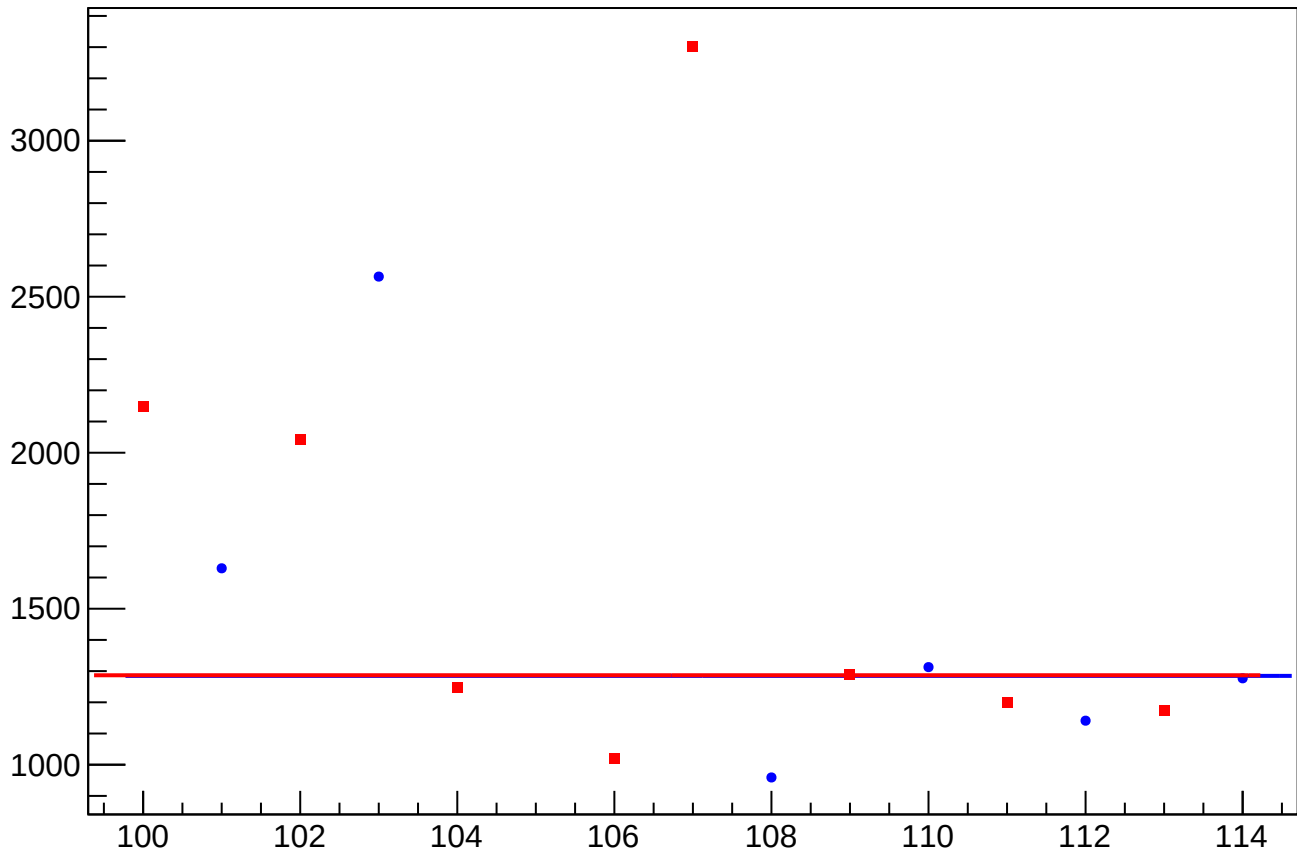
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.616 $\pm$ 570.908 χ^2 /NDF: 14.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 1284.736+/-0.592 χ^2/NDF : 430953.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.685+/-0.552 χ^2/NDF : 400024.0/7

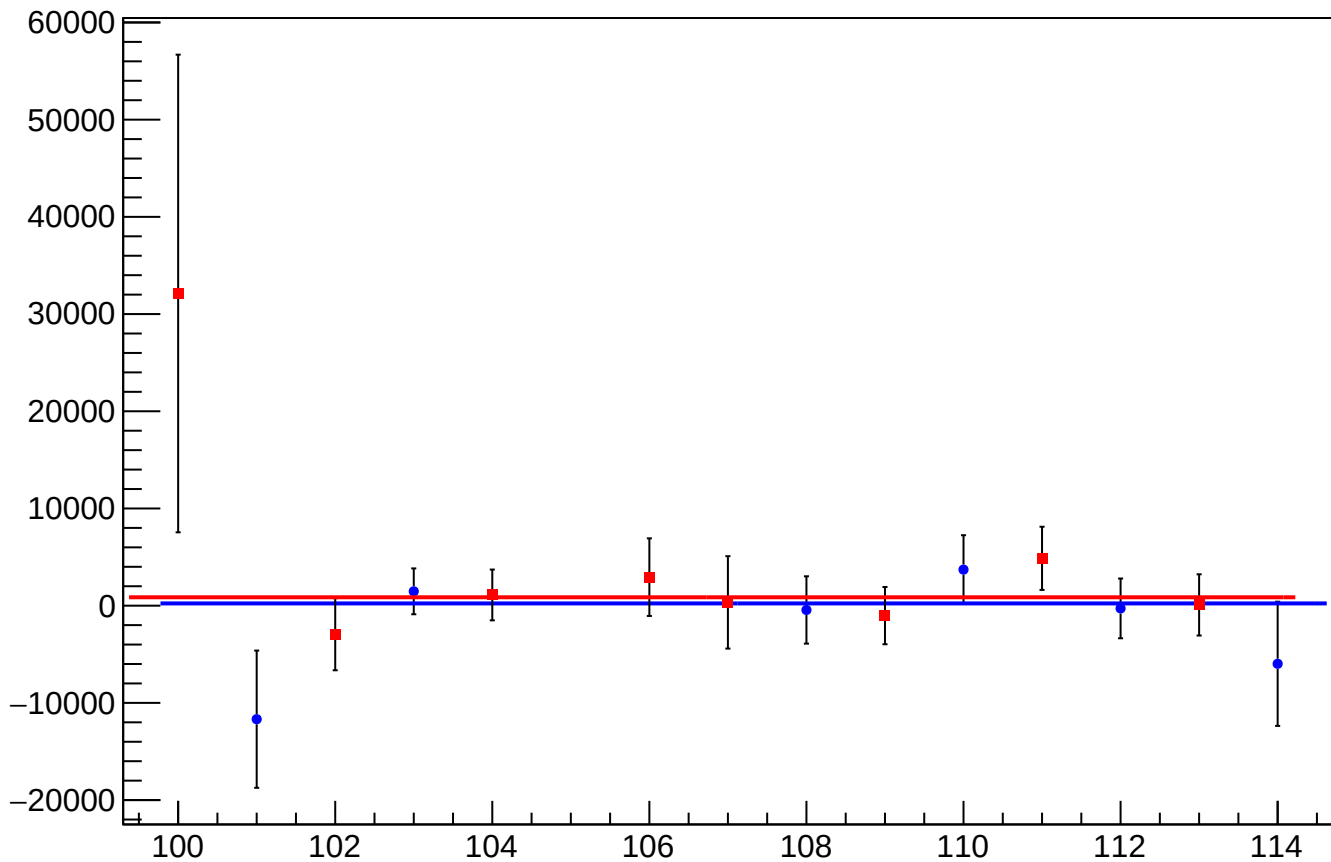
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.779+/-0.404 χ^2/NDF : 830982.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_mean vs Slug



Right In: 231.281+/-1423.578 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.044+/-1251.269 χ^2/NDF : 5.0/7

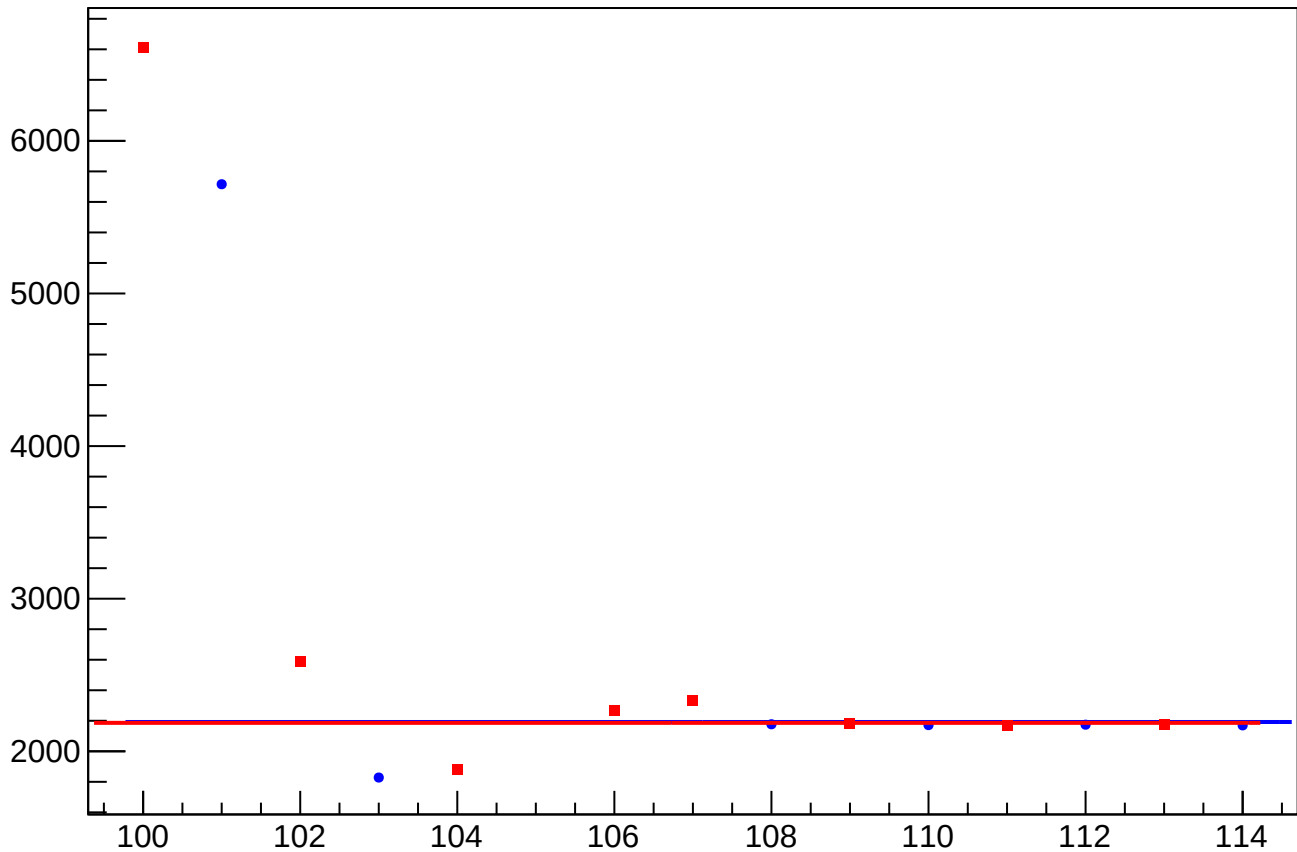
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.256+/-939.829 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 2192.069+/-1.007 χ^2/NDF : 546289.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.435+/-0.885 χ^2/NDF : 119266.7/7

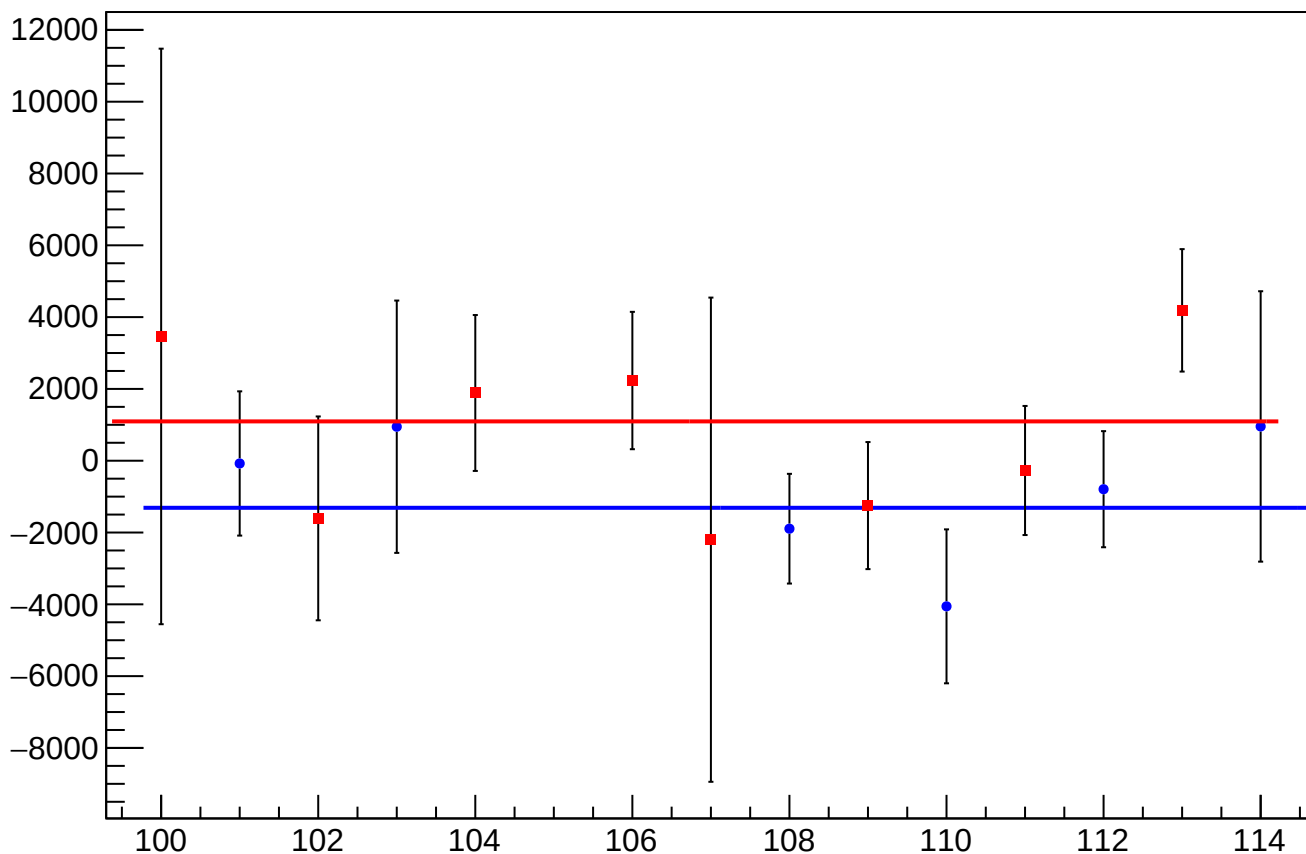
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.891+/-0.665 χ^2/NDF : 665574.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



Right In: -1311.155+/-836.970 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.241+/-785.778 χ^2/NDF : 7.3/7

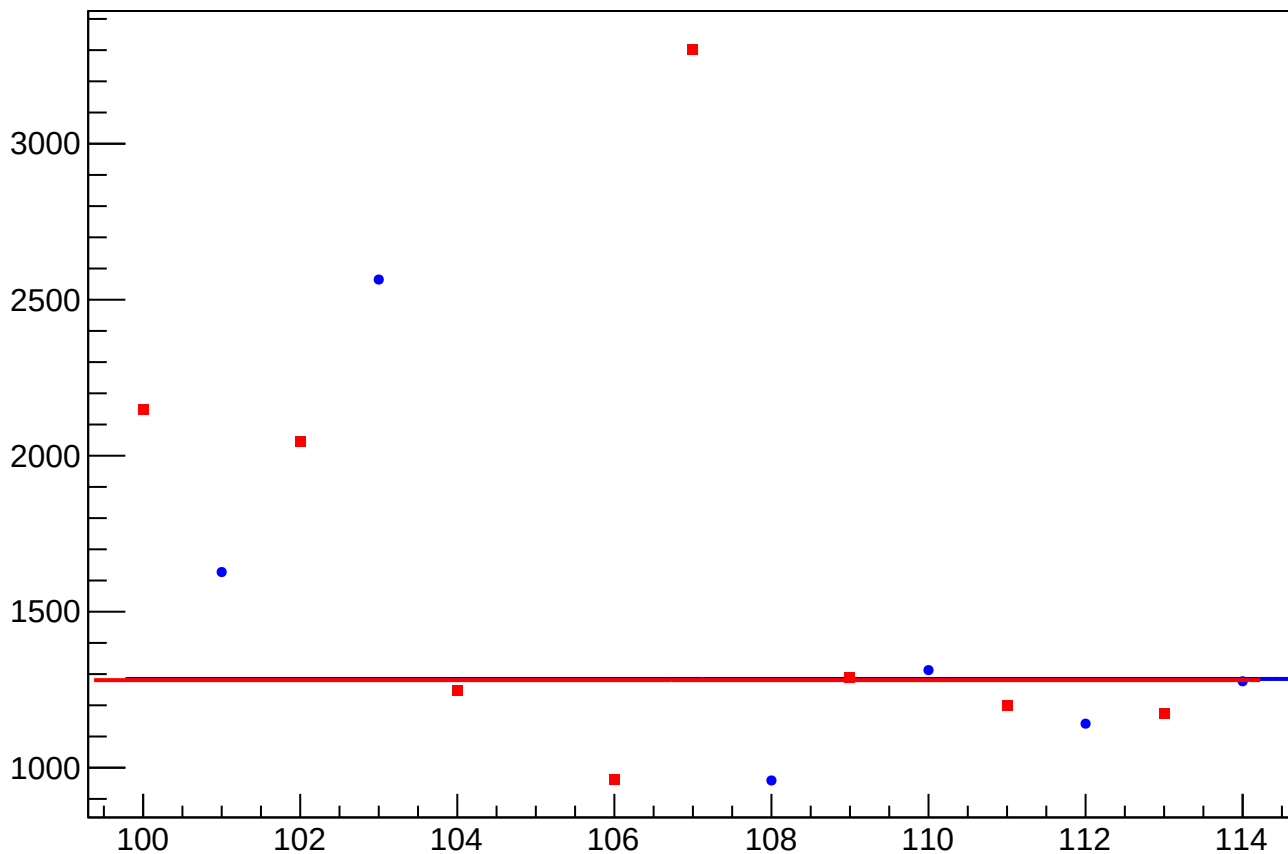
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.120+/-572.872 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 1284.487 $\pm$ 0.592 χ^2 /NDF: 430362.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1280.708 $\pm$ 0.556 χ^2 /NDF: 417108.6/7

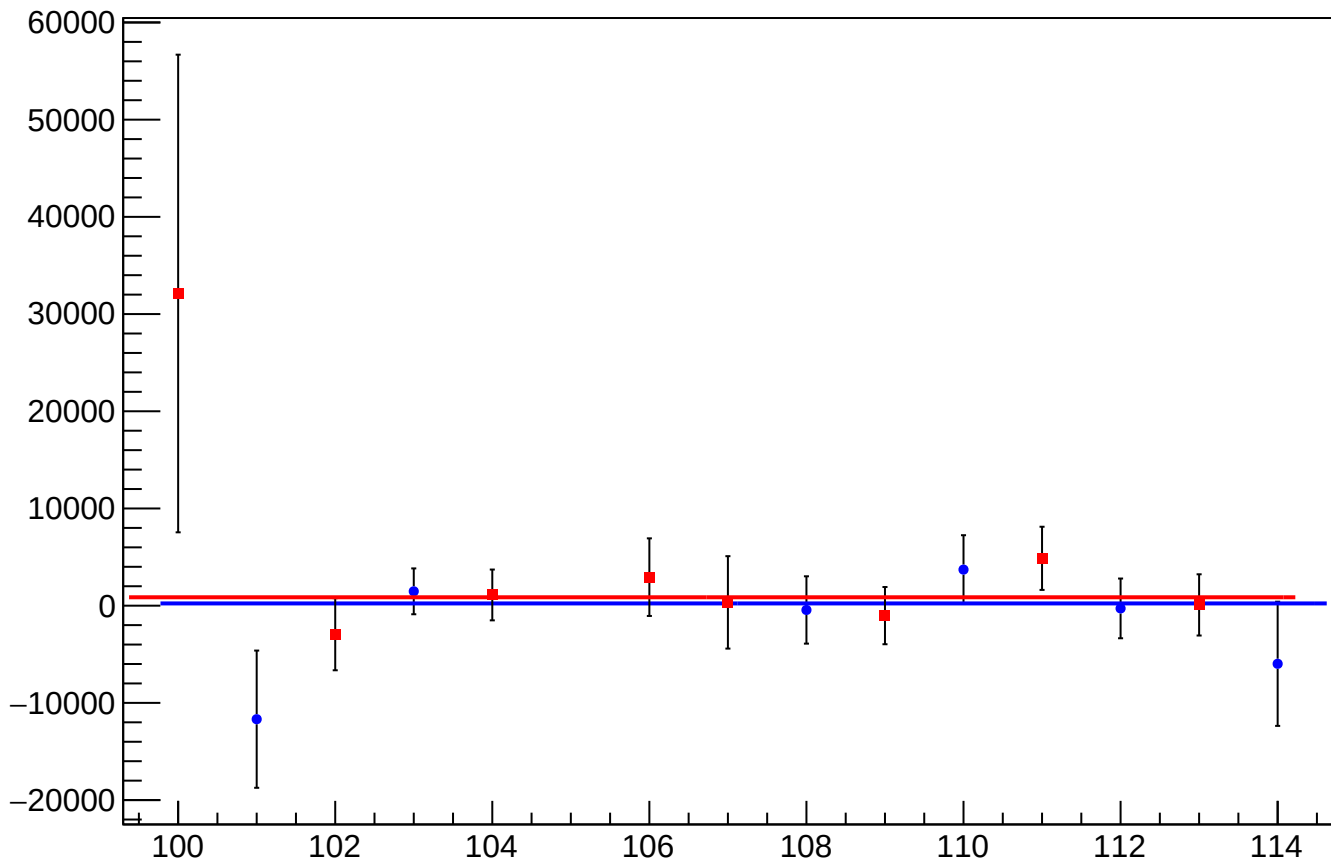
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1282.478 $\pm$ 0.405 χ^2 /NDF: 847492.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: 231.281+/-1423.578 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.044+/-1251.269 χ^2/NDF : 5.0/7

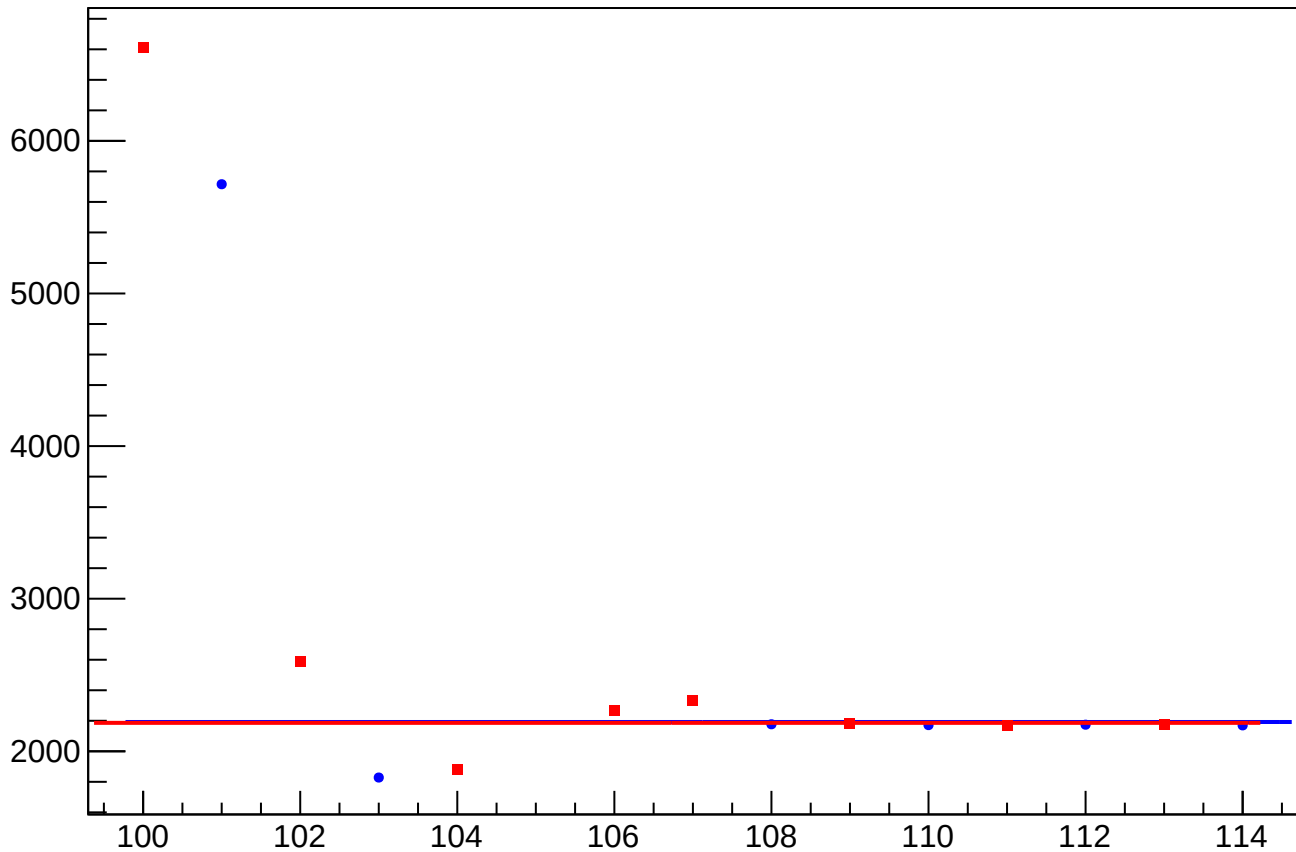
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.256+/-939.829 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 2192.069+/-1.007 χ^2/NDF : 546289.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.435+/-0.885 χ^2/NDF : 119266.7/7

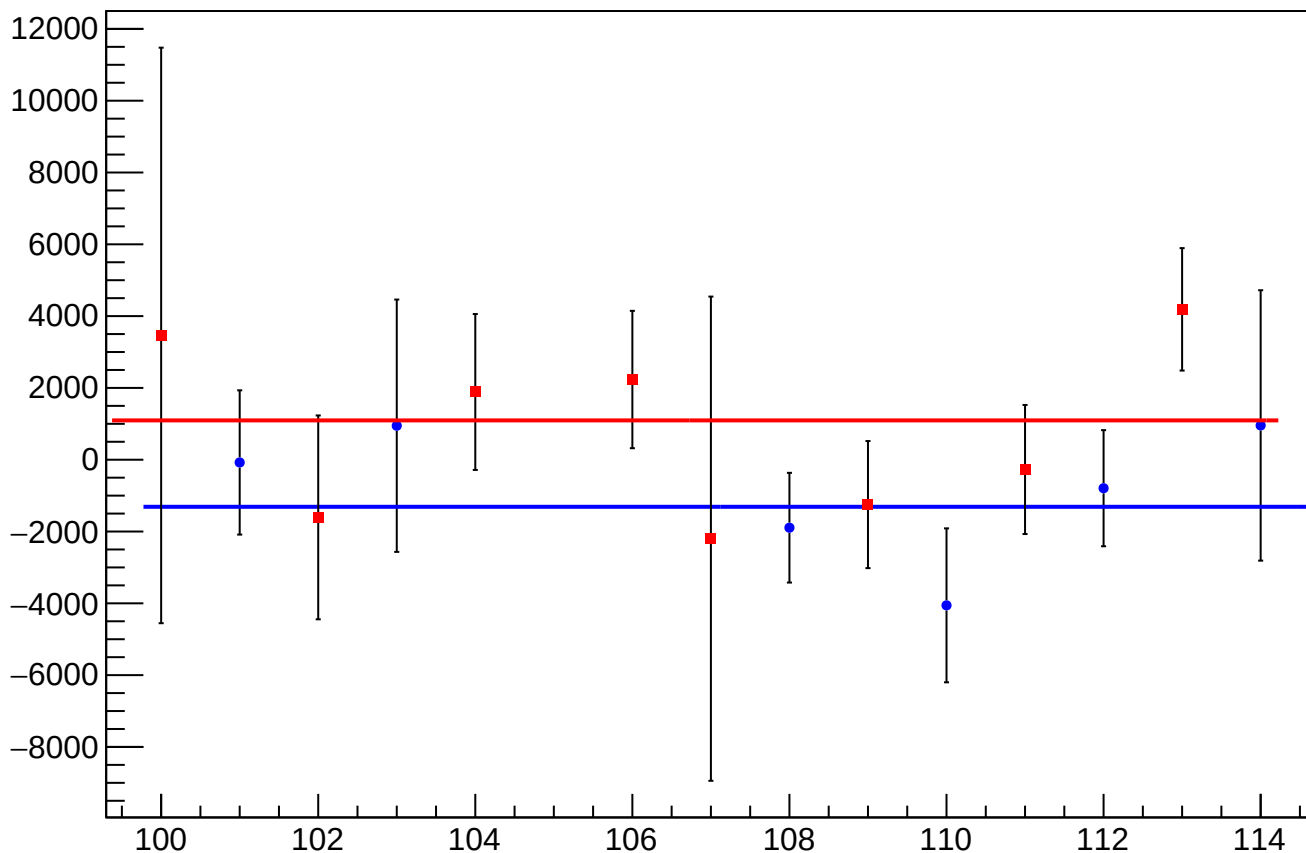
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.891+/-0.665 χ^2/NDF : 665574.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: -1311.155+/-836.970 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.241+/-785.778 χ^2/NDF : 7.3/7

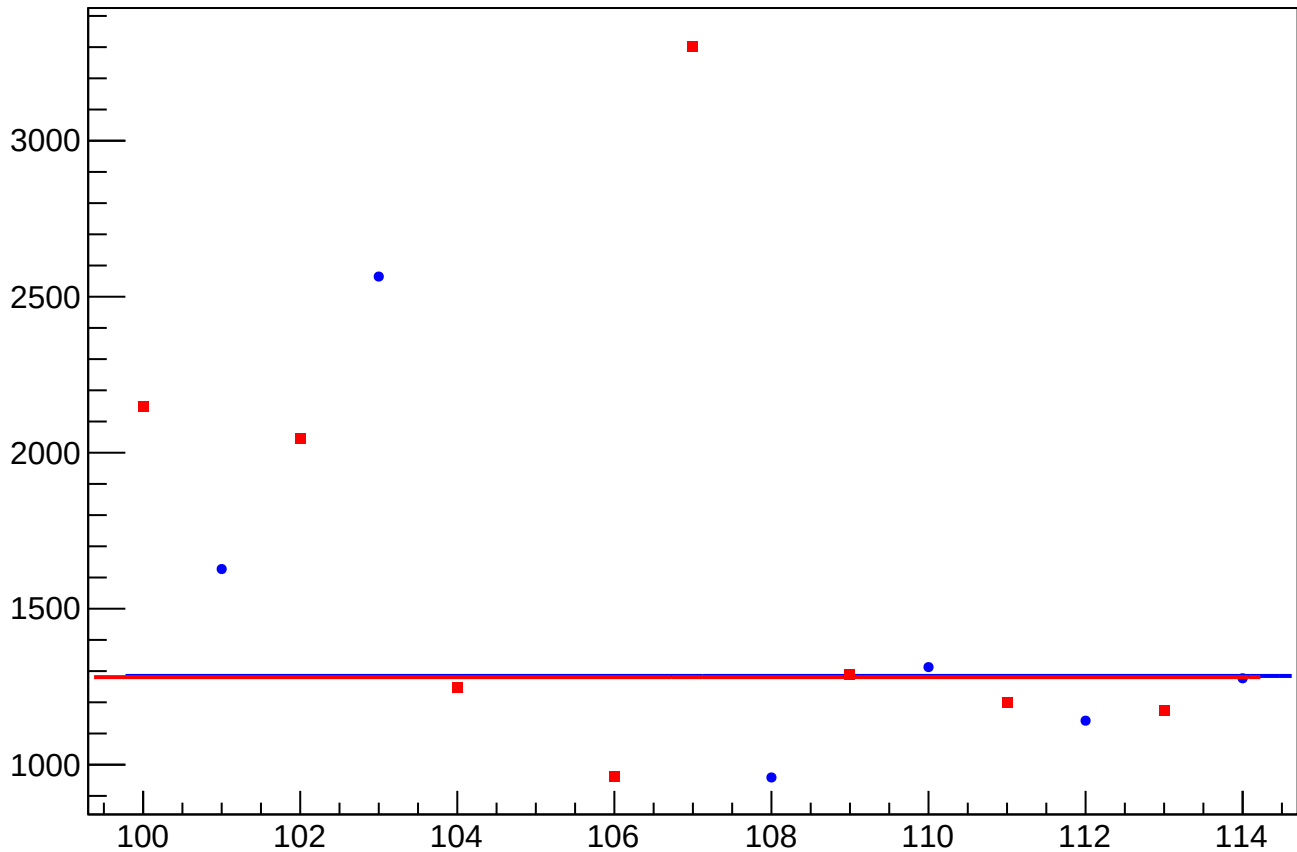
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.120+/-572.872 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 1284.487 $\pm$ 0.592 χ^2 /NDF: 430362.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1280.708 $\pm$ 0.556 χ^2 /NDF: 417108.6/7

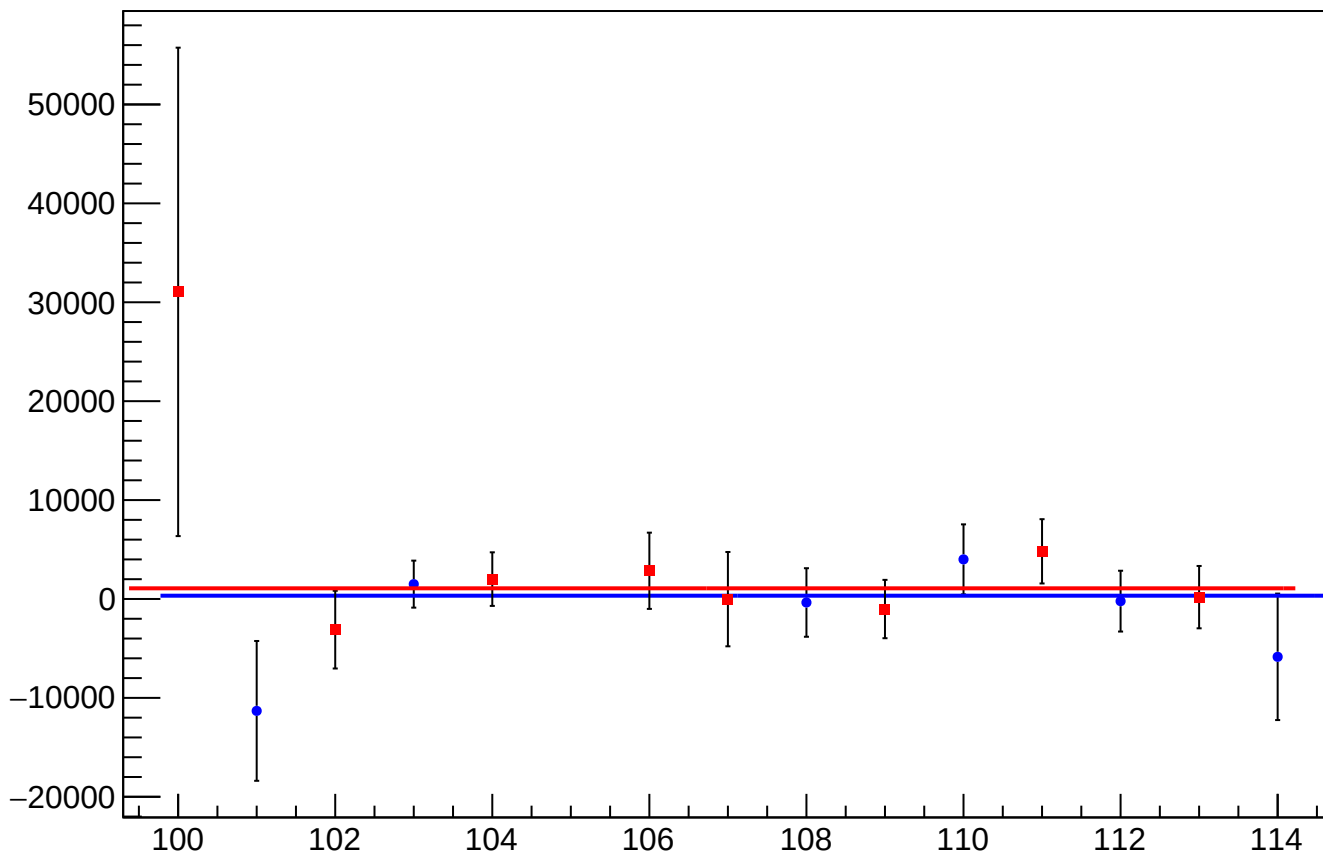
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1282.478 $\pm$ 0.405 χ^2 /NDF: 847492.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: 331.602 $\pm$ 1428.018 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1078.023 $\pm$ 1265.675 χ^2 /NDF: 4.9/7

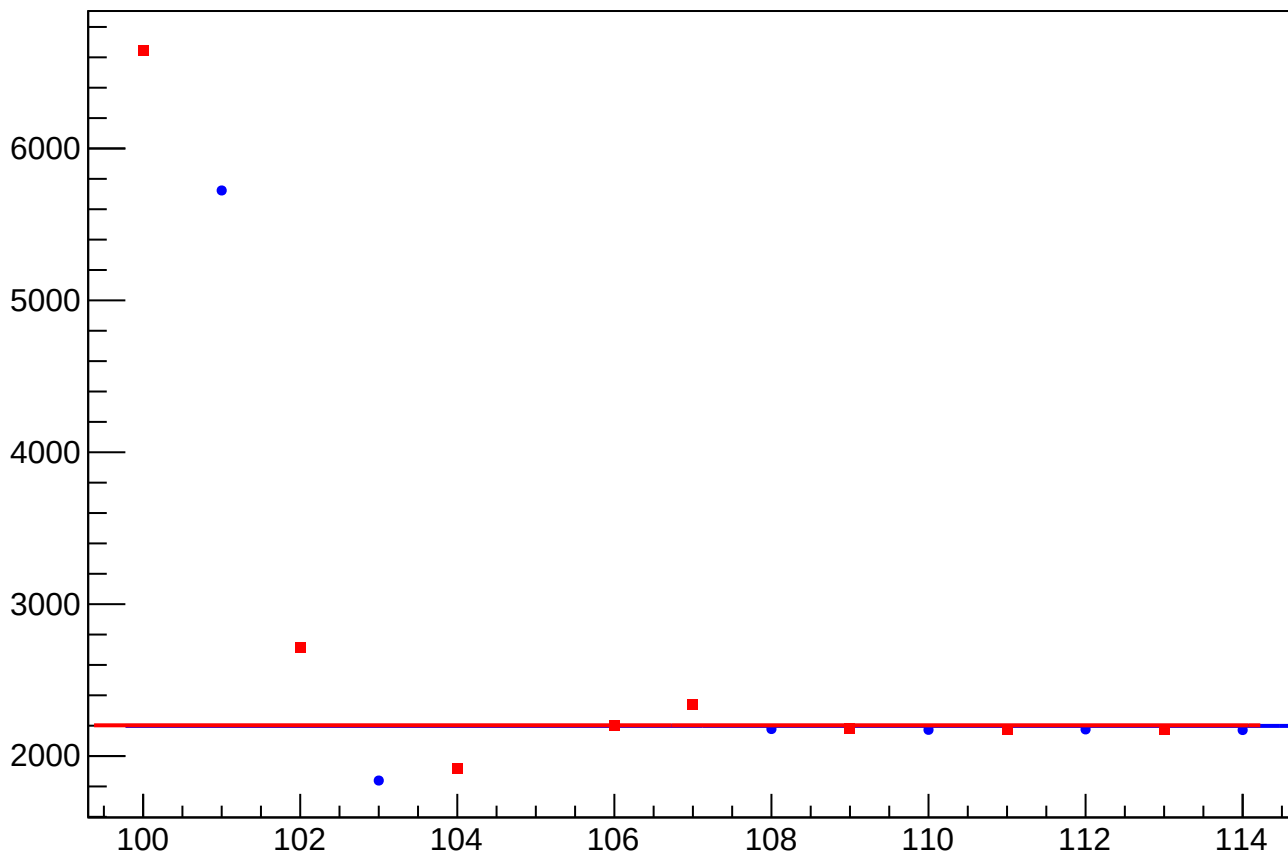
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 749.635 $\pm$ 947.187 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 2198.561+/-1.010 χ^2/NDF : 543575.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2202.467+/-0.895 χ^2/NDF : 122245.3/7

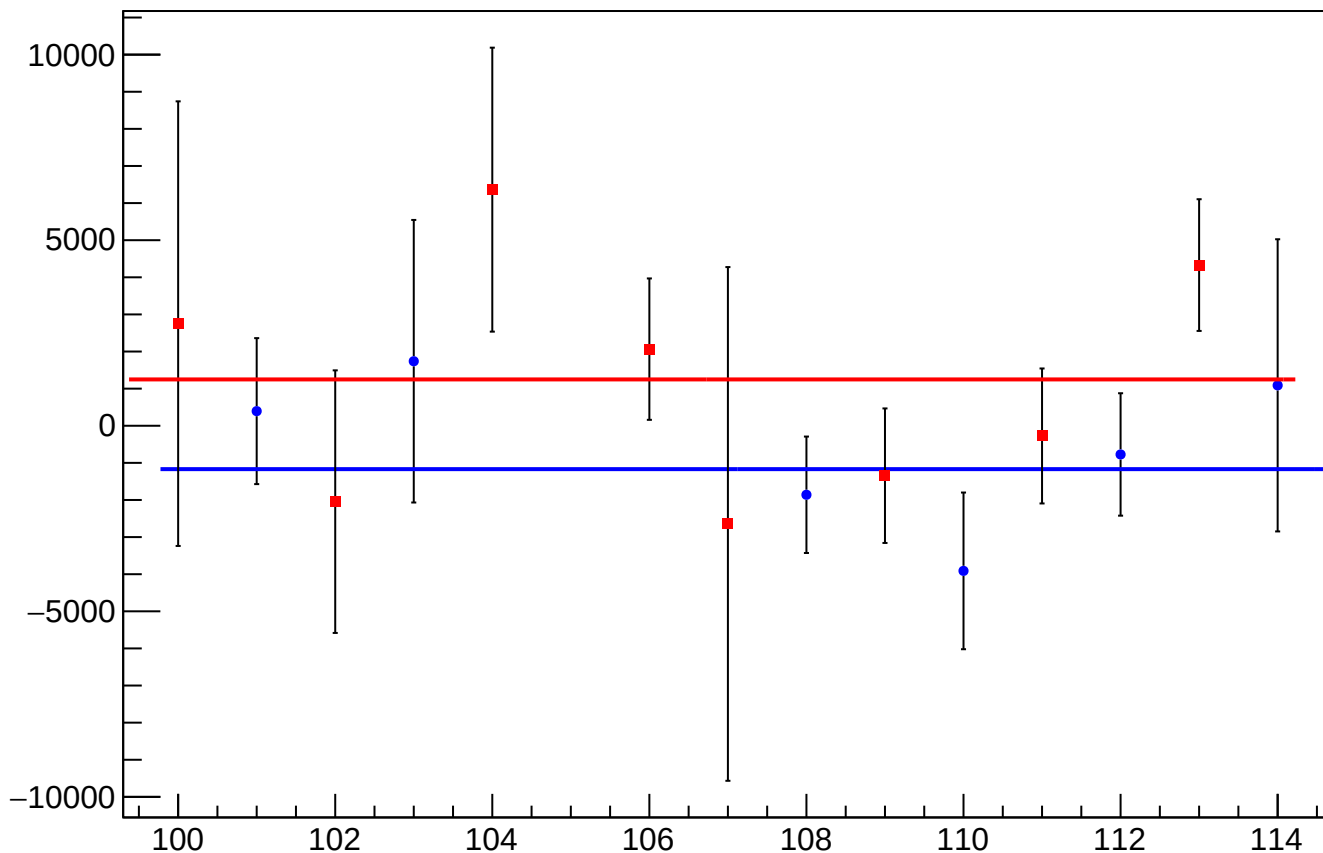
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2200.749+/-0.670 χ^2/NDF : 665828.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: -1168.964+/-848.057 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1248.397+/-846.108 χ^2/NDF : 9.0/7

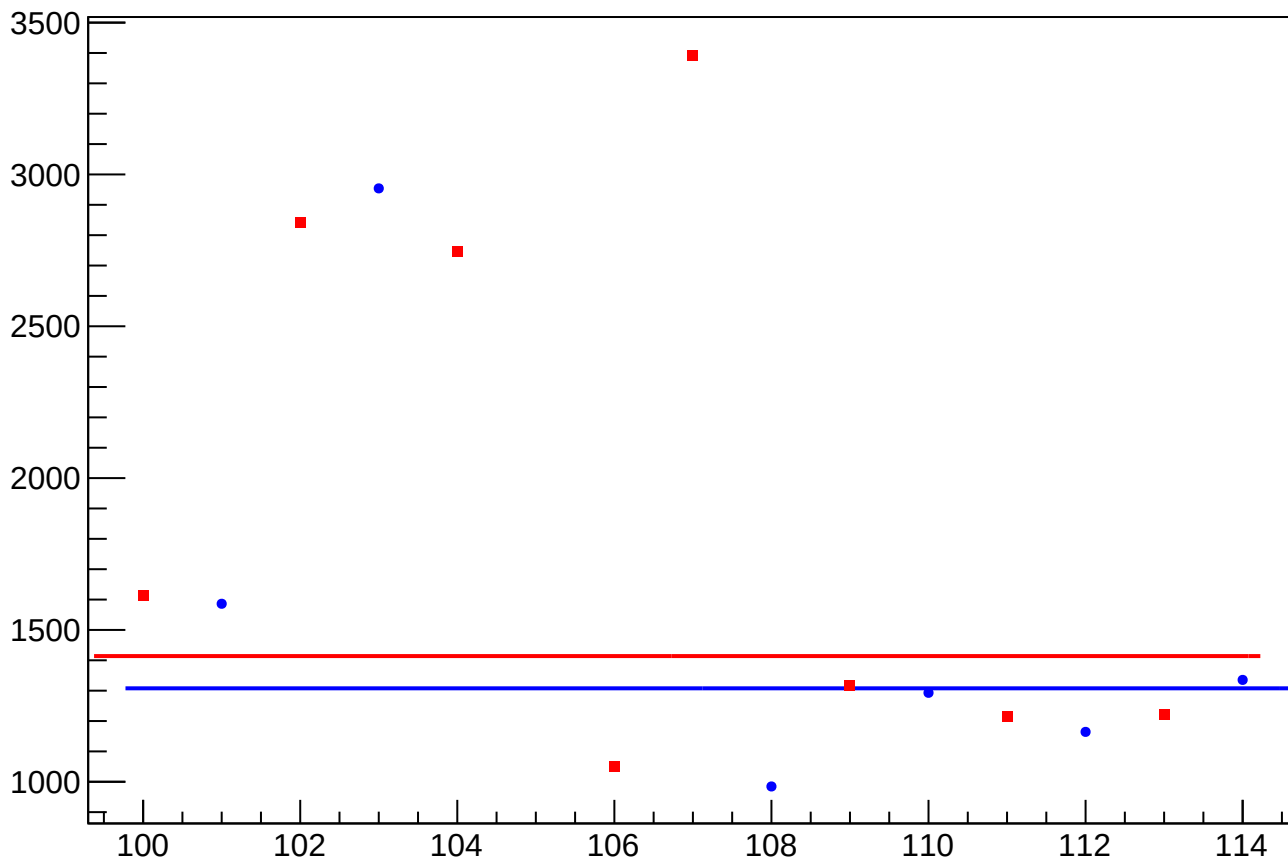
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.498+/-598.977 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 1307.738 $\pm$ 0.600 χ^2 /NDF: 514365.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1413.918 $\pm$ 0.598 χ^2 /NDF: 861125.1/7

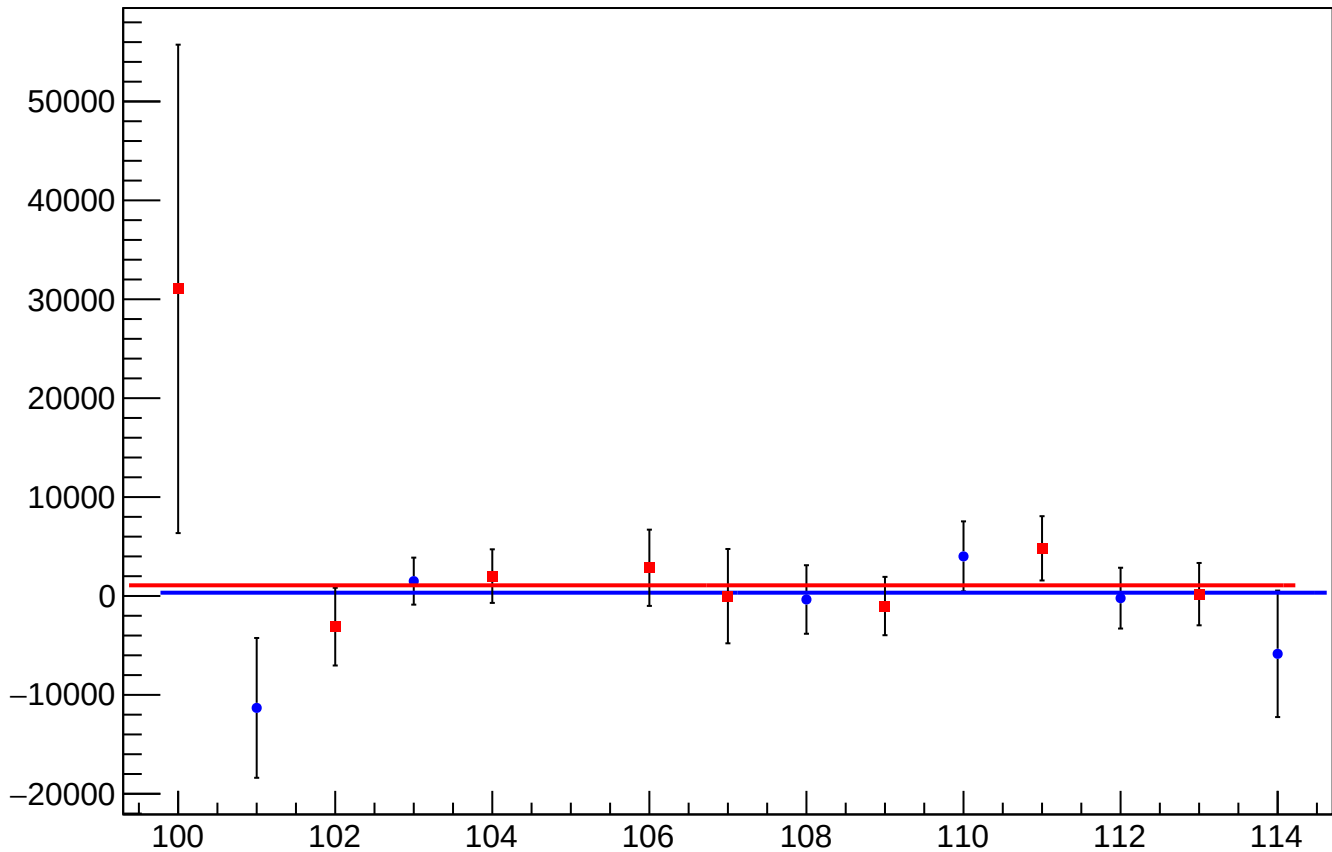
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1360.950 $\pm$ 0.424 χ^2 /NDF: 1391202.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: 331.600 $\pm$ 1428.018 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1078.025 $\pm$ 1265.675 χ^2 /NDF: 4.9/7

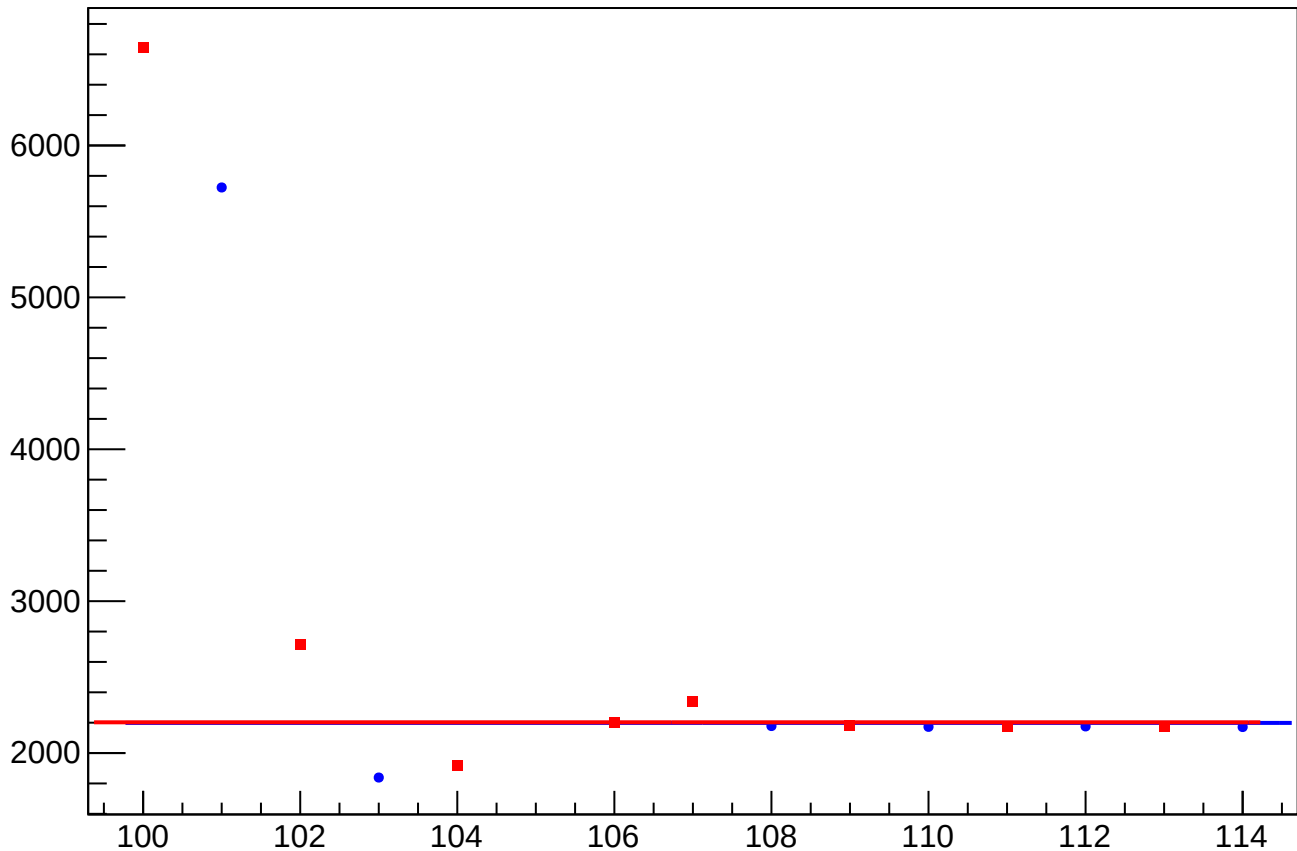
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 749.635 $\pm$ 947.187 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 2198.561+/-1.010 χ^2/NDF : 543575.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

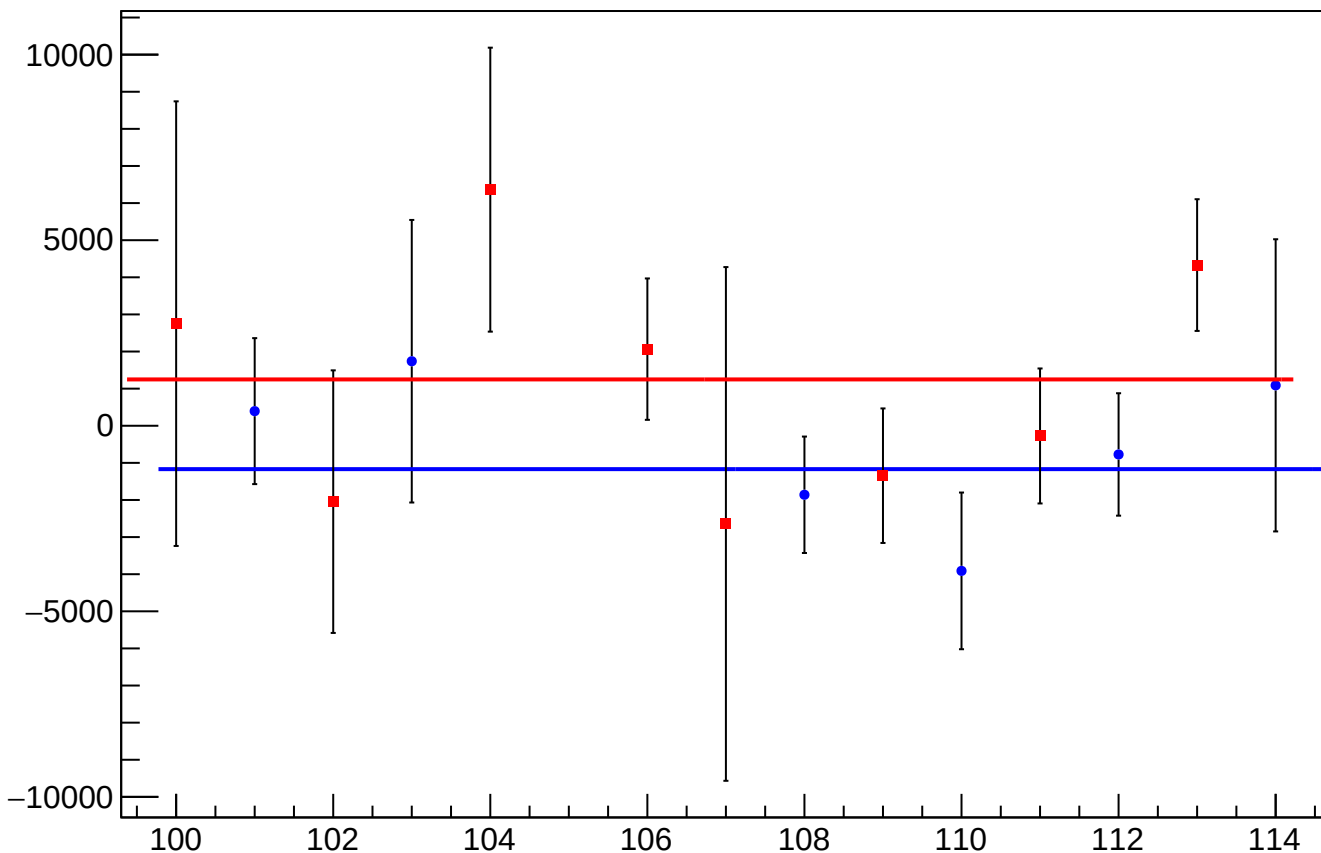
Right Out: 2202.467+/-0.895 χ^2/NDF : 122245.2/7

All: 2200.748+/-0.670 χ^2/NDF : 665828.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: -1168.966 $\pm$ 848.057 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1248.393 $\pm$ 846.108 χ^2 /NDF: 9.0/7

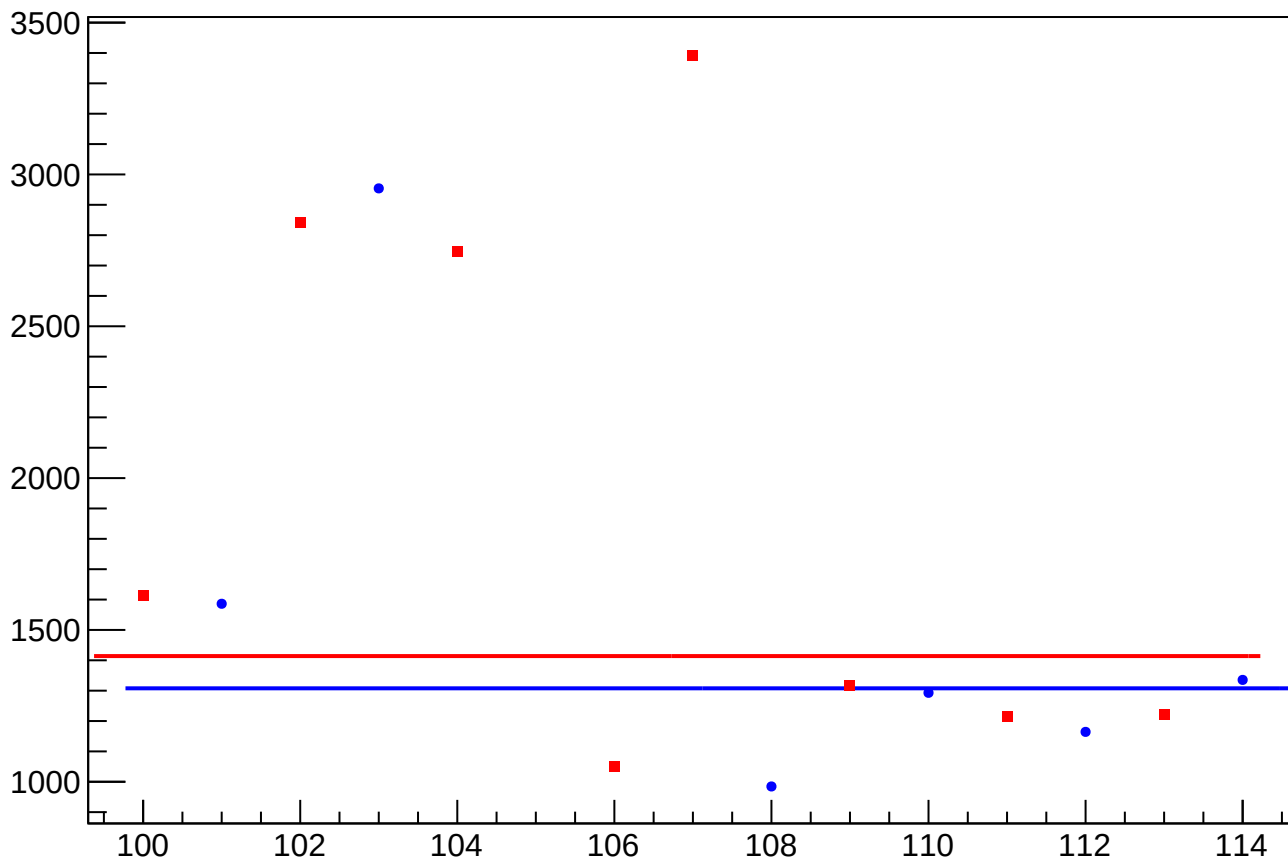
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.495 $\pm$ 598.976 χ^2 /NDF: 16.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 1307.737+/-0.600 χ^2/NDF : 514368.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.917+/-0.598 χ^2/NDF : 861127.6/7

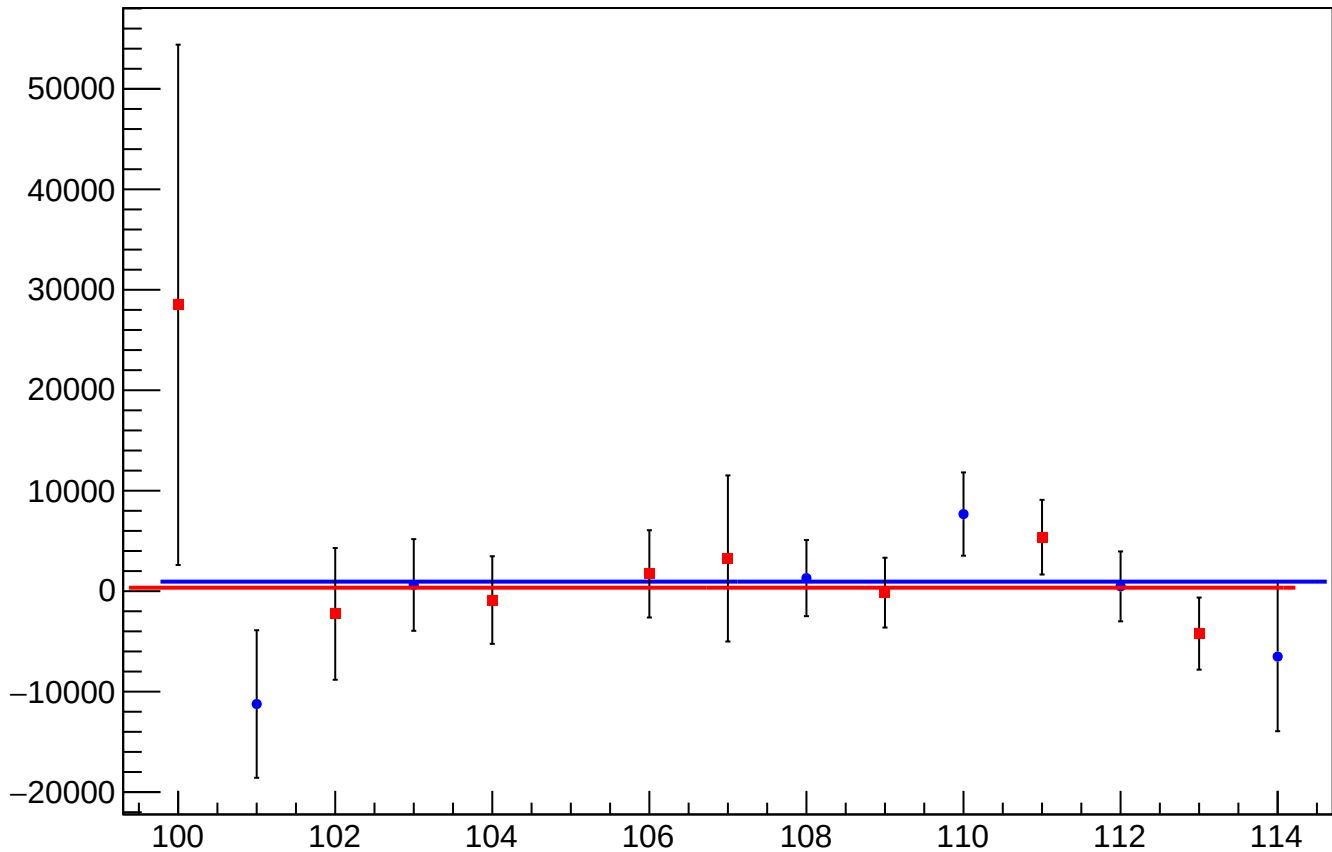
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.949+/-0.424 χ^2/NDF : 1391207.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



Right In: 950.020 $\pm$ 1840.567 χ^2 /NDF: 6.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 347.922 $\pm$ 1626.886 χ^2 /NDF: 5.1/7

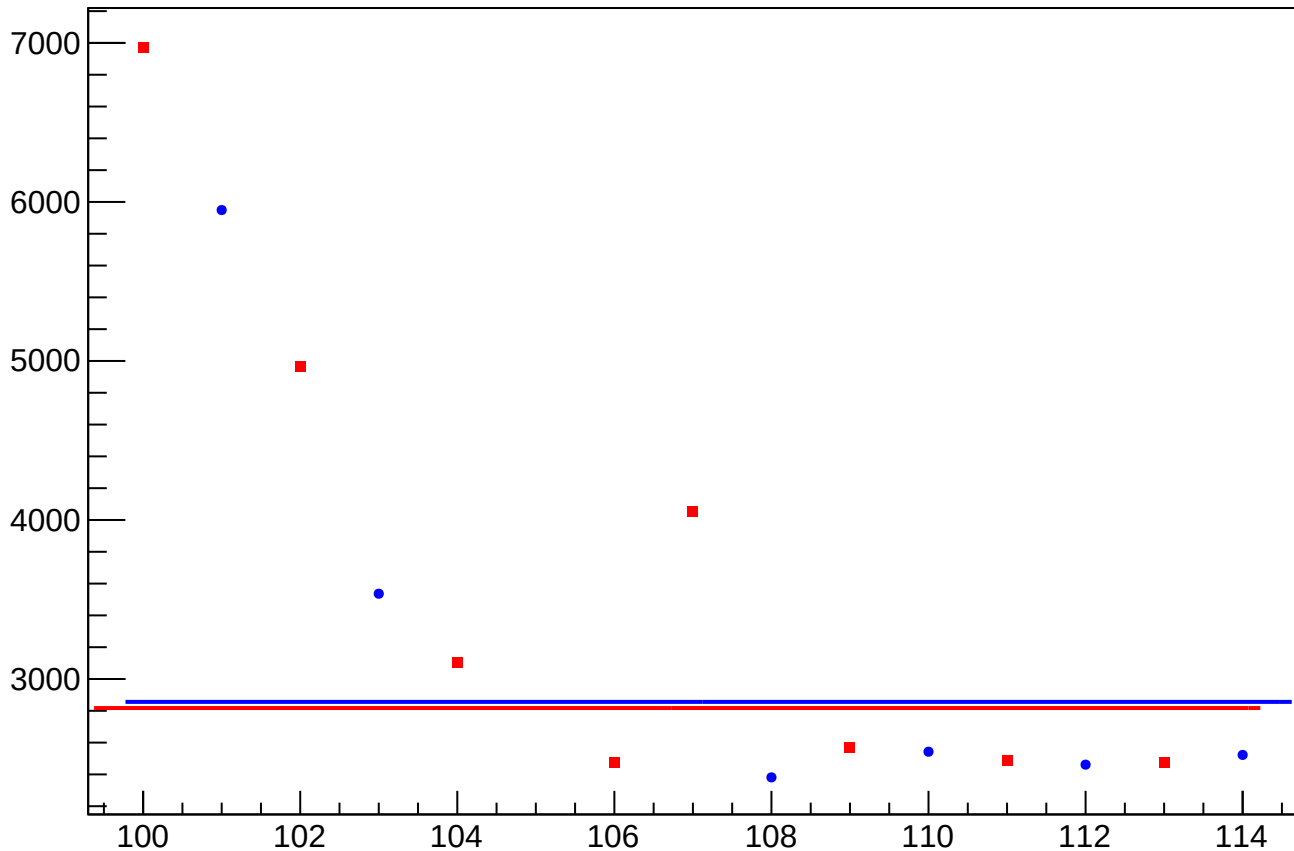
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 612.007 $\pm$ 1218.962 χ^2 /NDF: 11.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_rms vs Slug



Right In: 2856.137+/-1.301 χ^2/NDF : 471634.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2817.367+/-1.150 χ^2/NDF : 376822.6/7

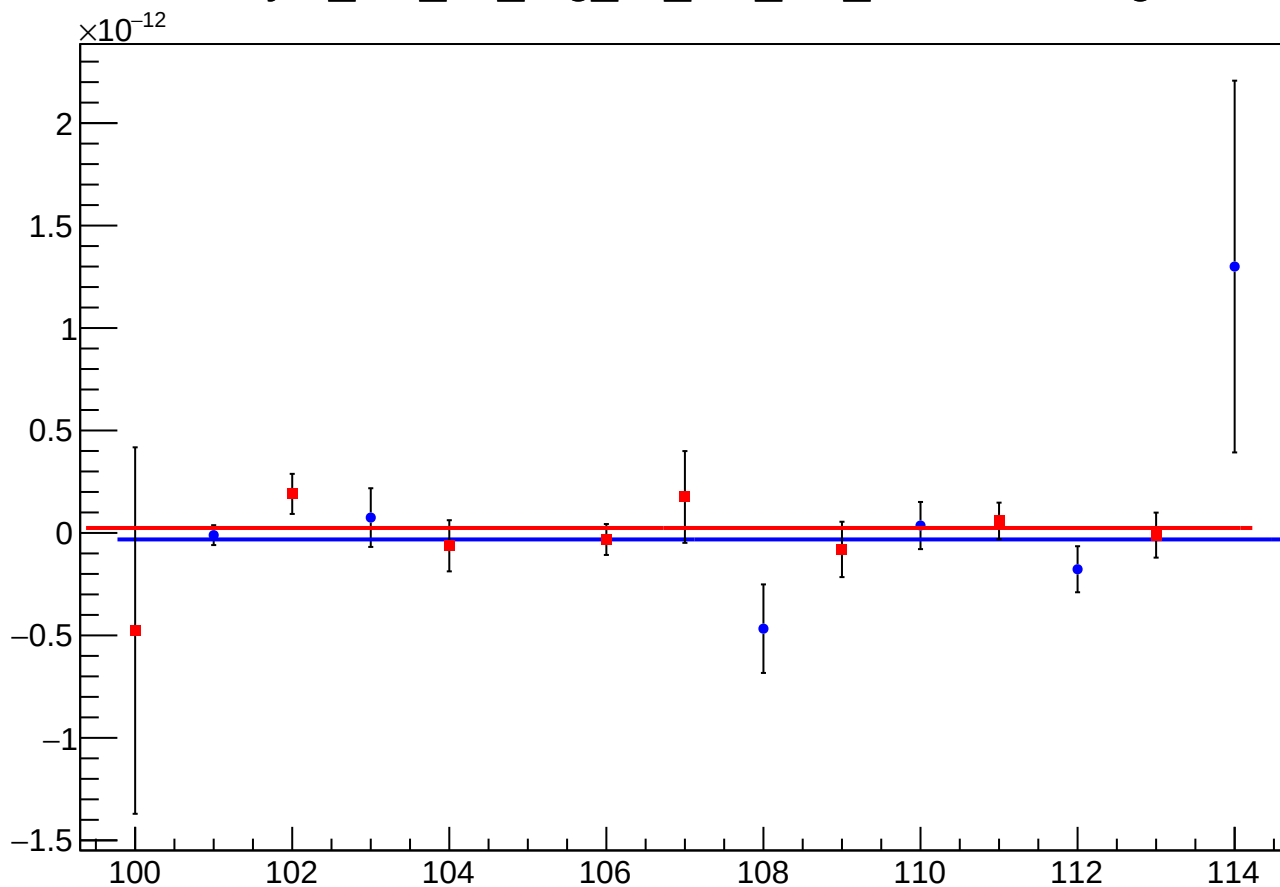
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2834.372+/-0.862 χ^2/NDF : 848955.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/7

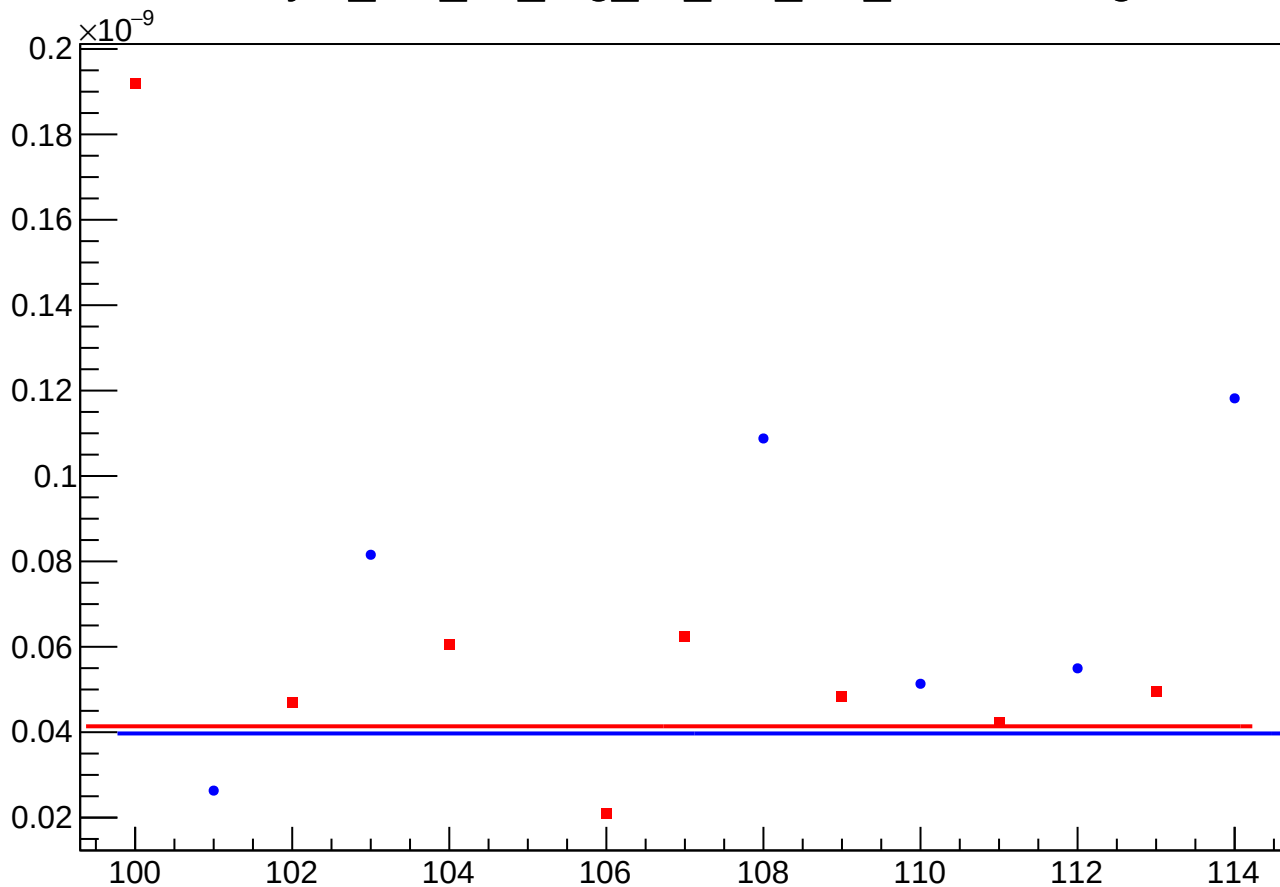
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 600156.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 291297.4/7

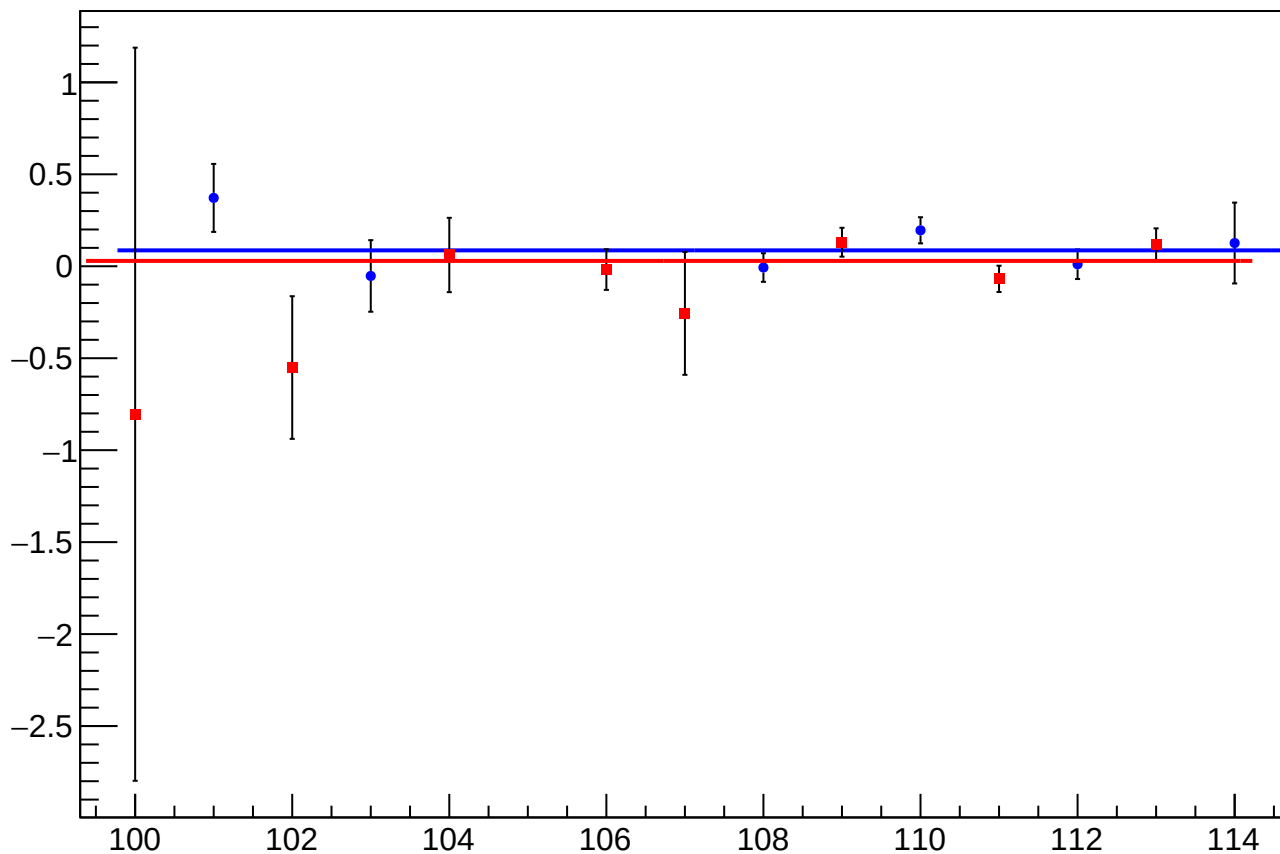
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 893251.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.086 $\pm$ 0.041 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.040 χ^2 /NDF: 8.0/7

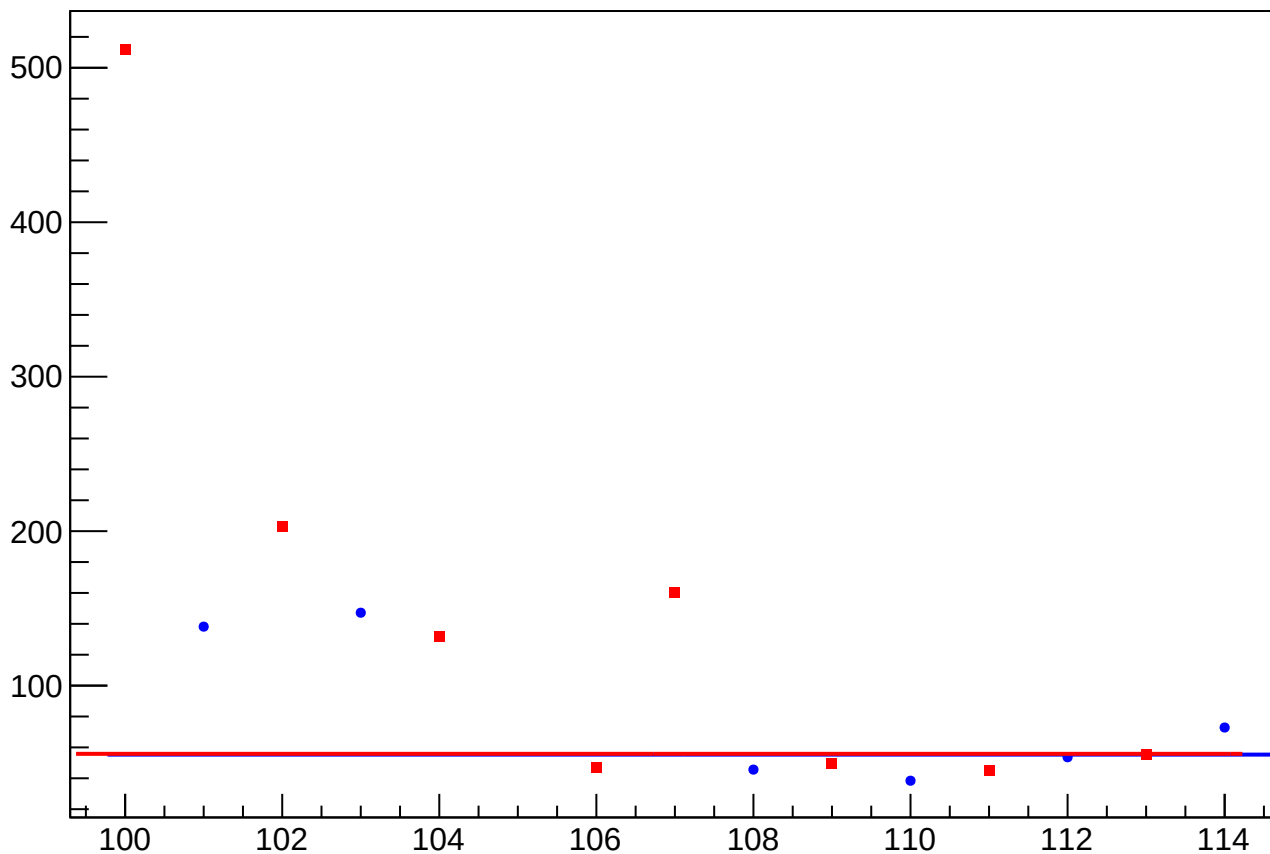
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.029 χ^2 /NDF: 16.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 55.333+/-0.029 χ^2/NDF : 1005024.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.830+/-0.028 χ^2/NDF : 943834.7/7

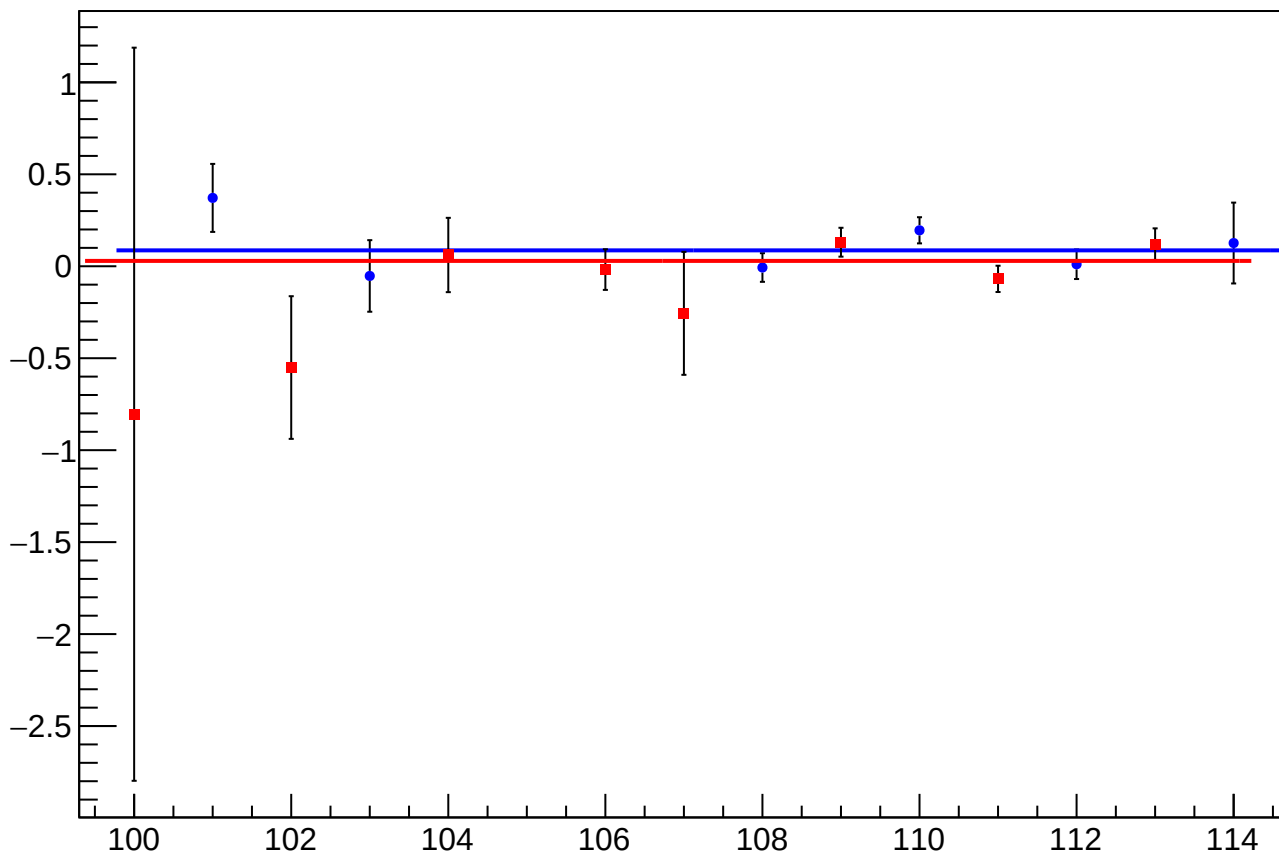
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1949009.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.086 $\pm$ 0.041 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.040 χ^2 /NDF: 8.0/7

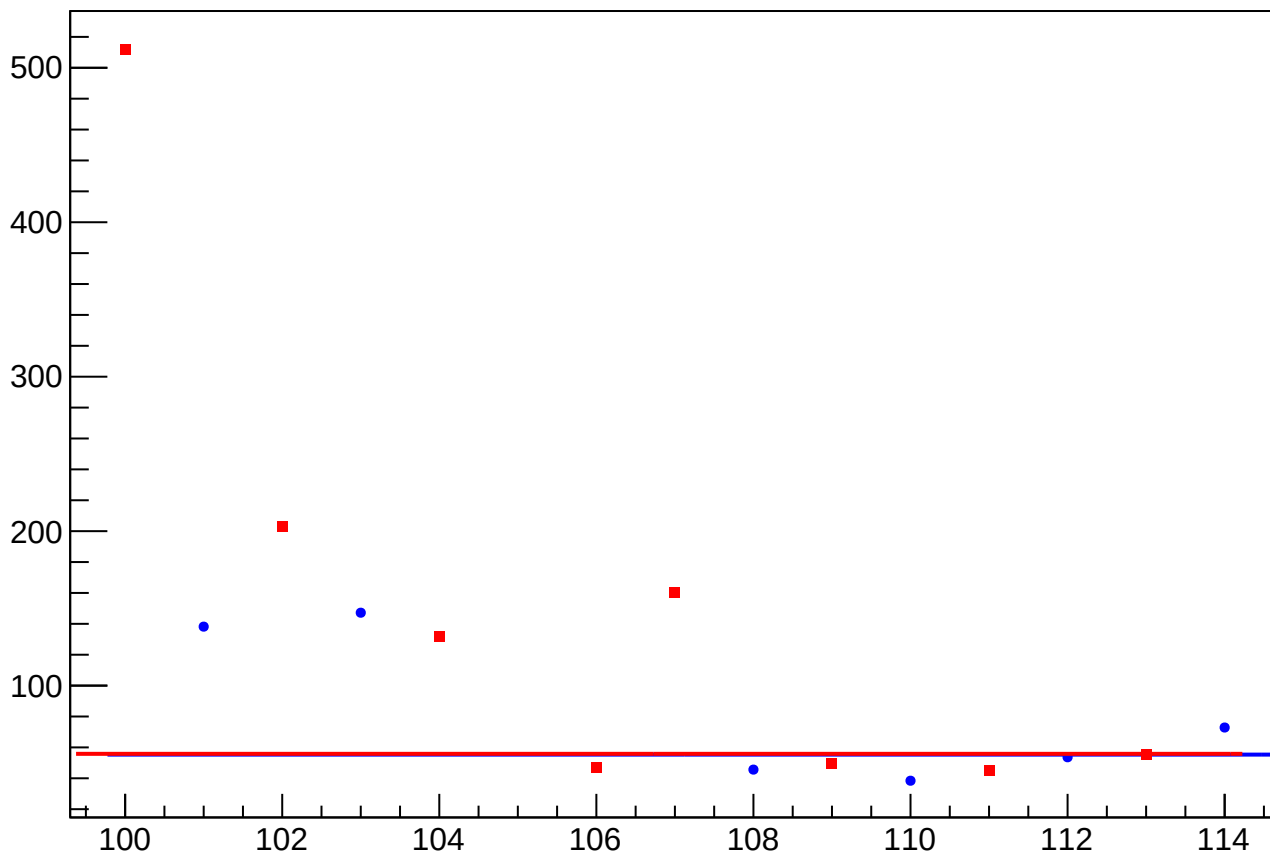
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.029 χ^2 /NDF: 16.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.333+/-0.029 χ^2/NDF : 1005024.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.830+/-0.028 χ^2/NDF : 943834.7/7

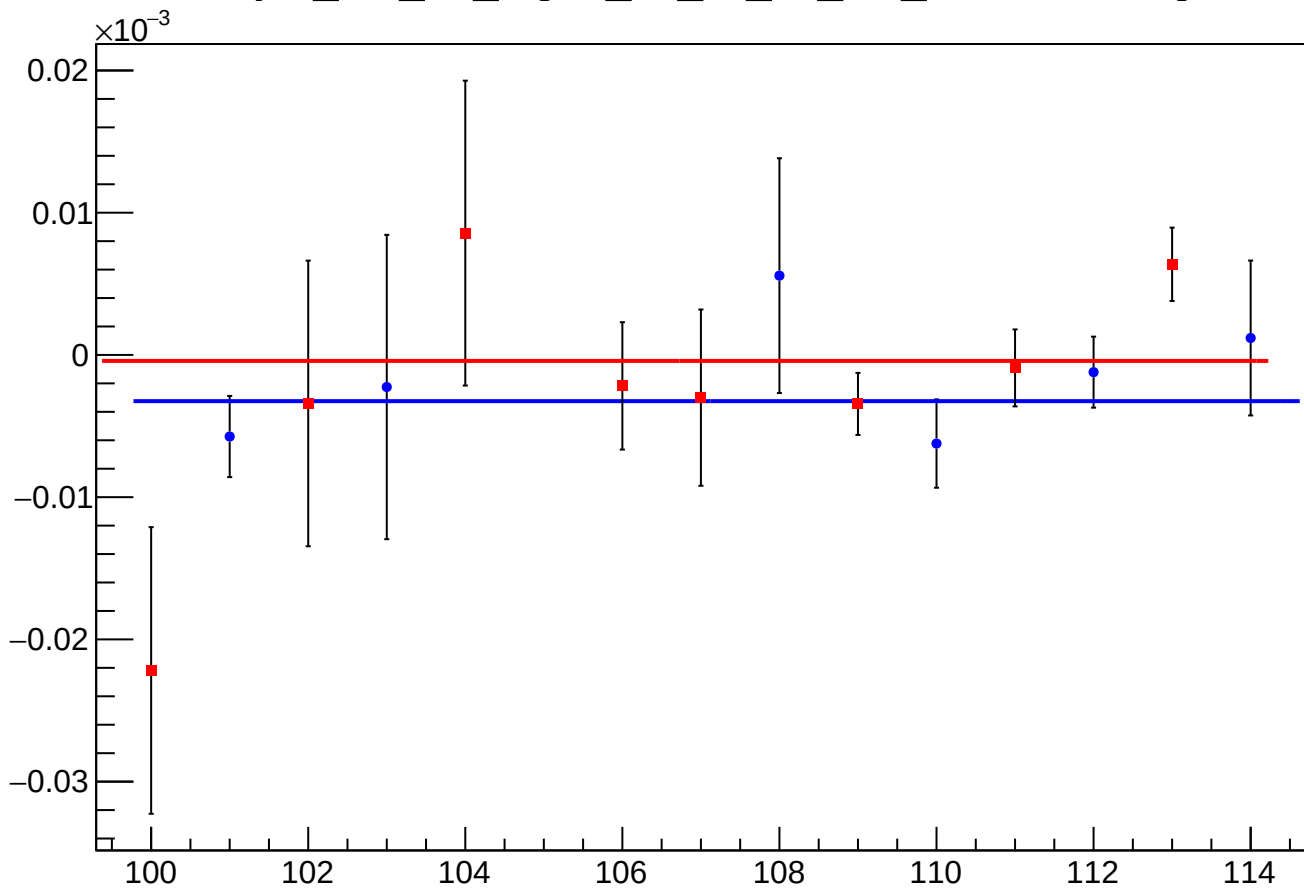
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1949009.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.7/7

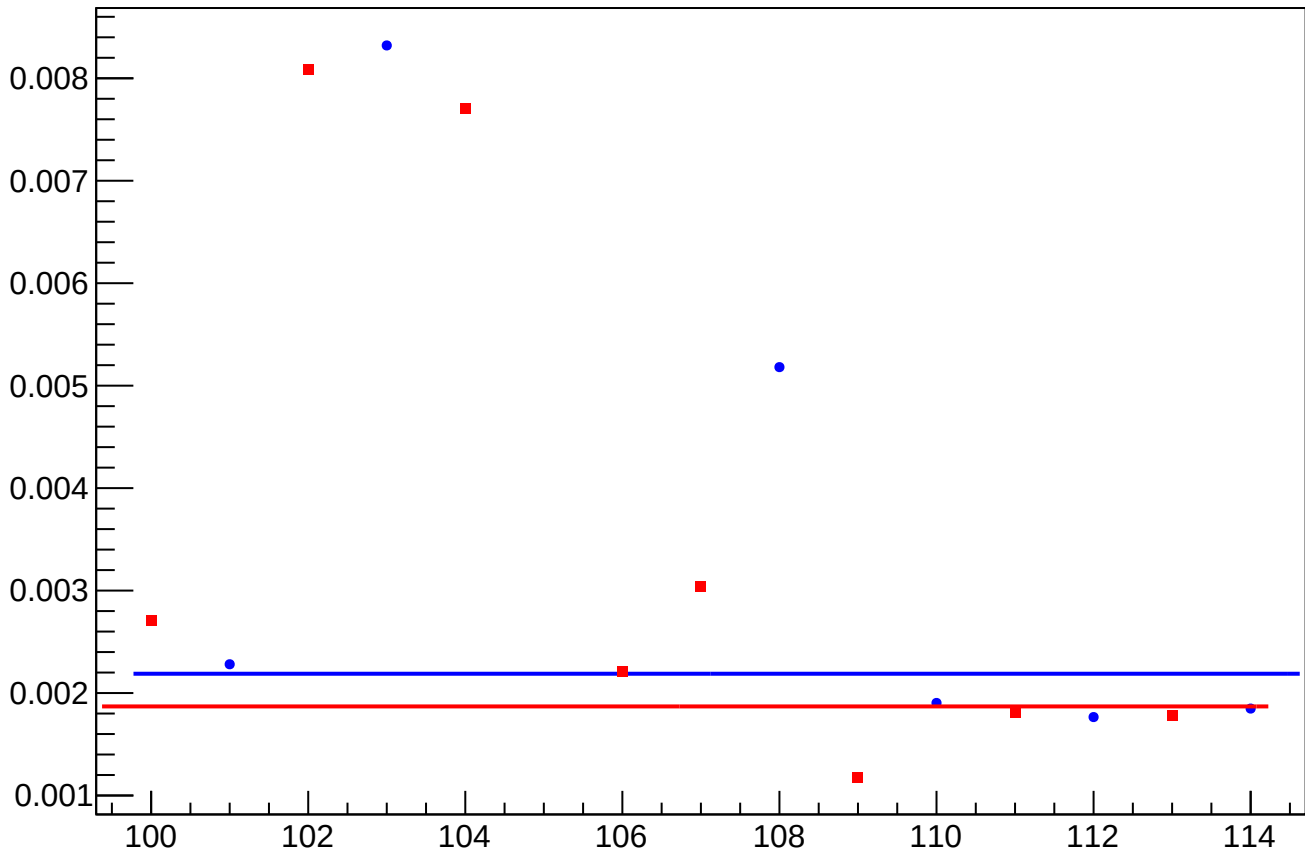
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1003906.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1662492.0/7

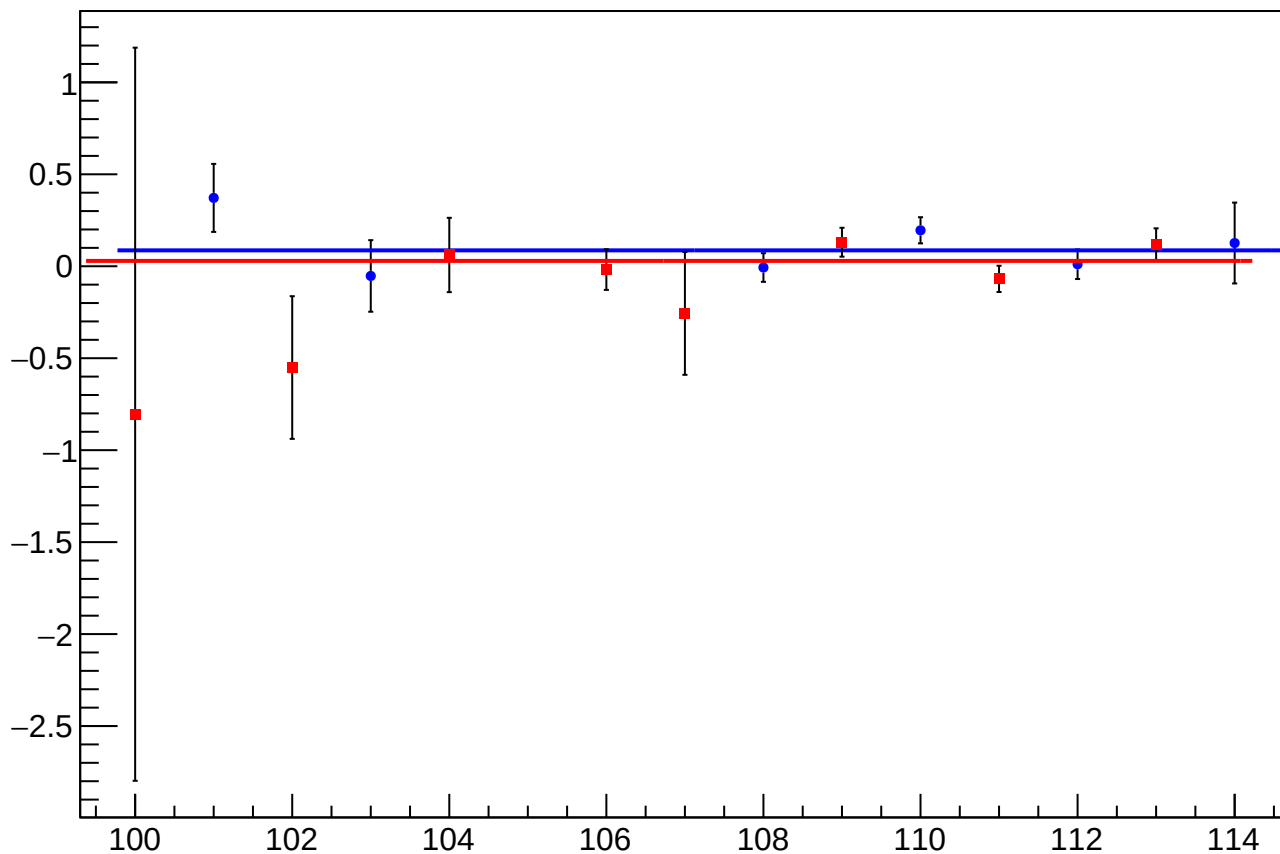
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 2718390.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.086 $\pm$ 0.041 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.040 χ^2 /NDF: 8.0/7

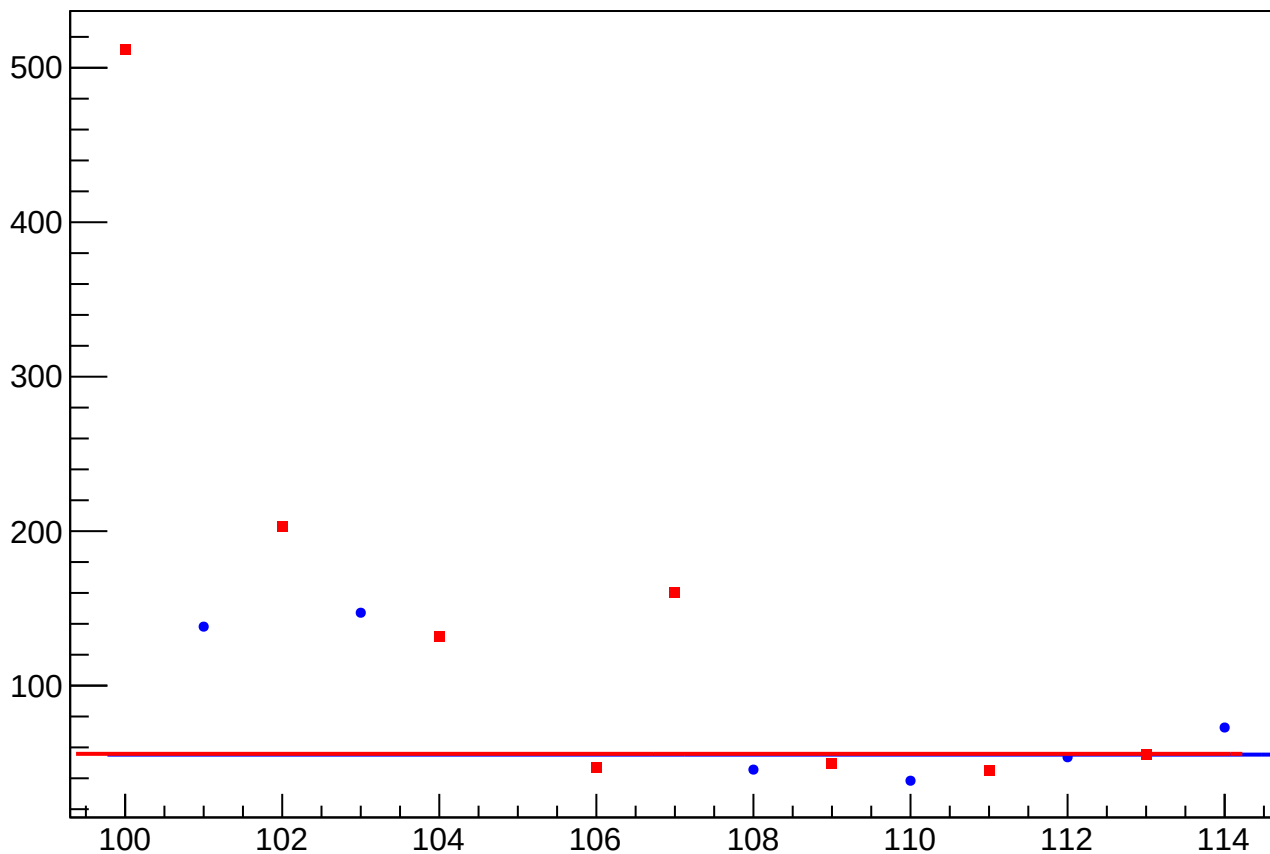
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.029 χ^2 /NDF: 16.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.333+/-0.029 χ^2/NDF : 1004992.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.830+/-0.028 χ^2/NDF : 943799.8/7

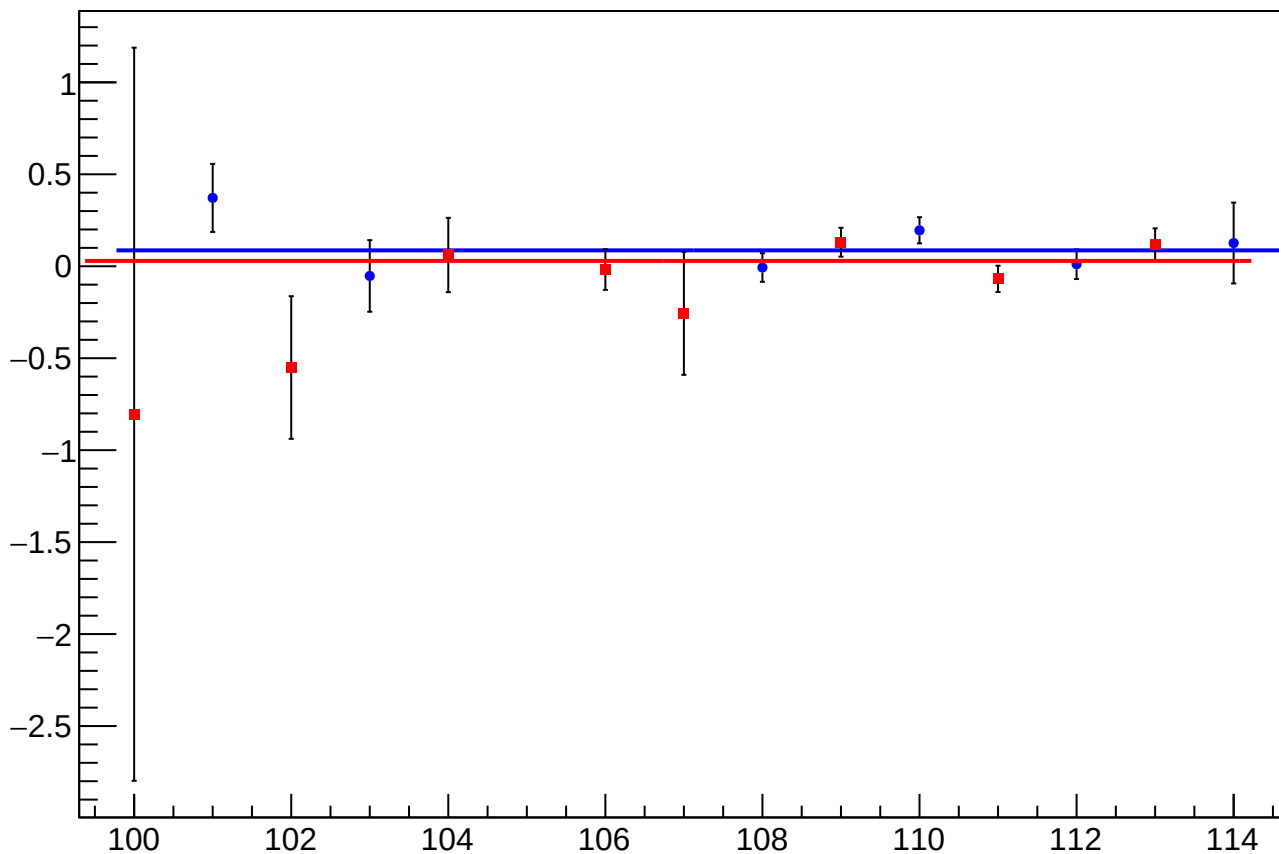
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1948941.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.086 $\pm$ 0.041 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.040 χ^2 /NDF: 8.0/7

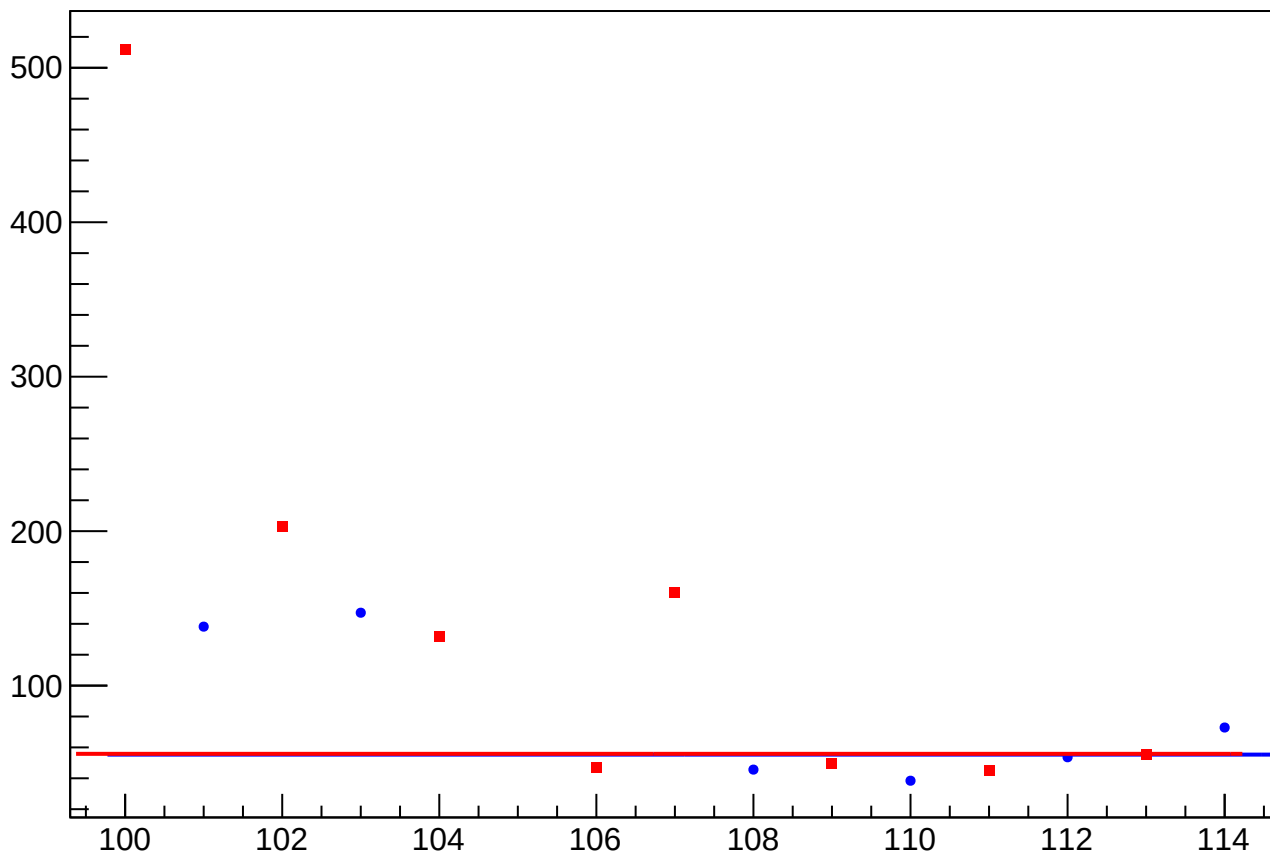
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.029 χ^2 /NDF: 16.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.333+/-0.029 χ^2/NDF : 1004992.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.830+/-0.028 χ^2/NDF : 943799.8/7

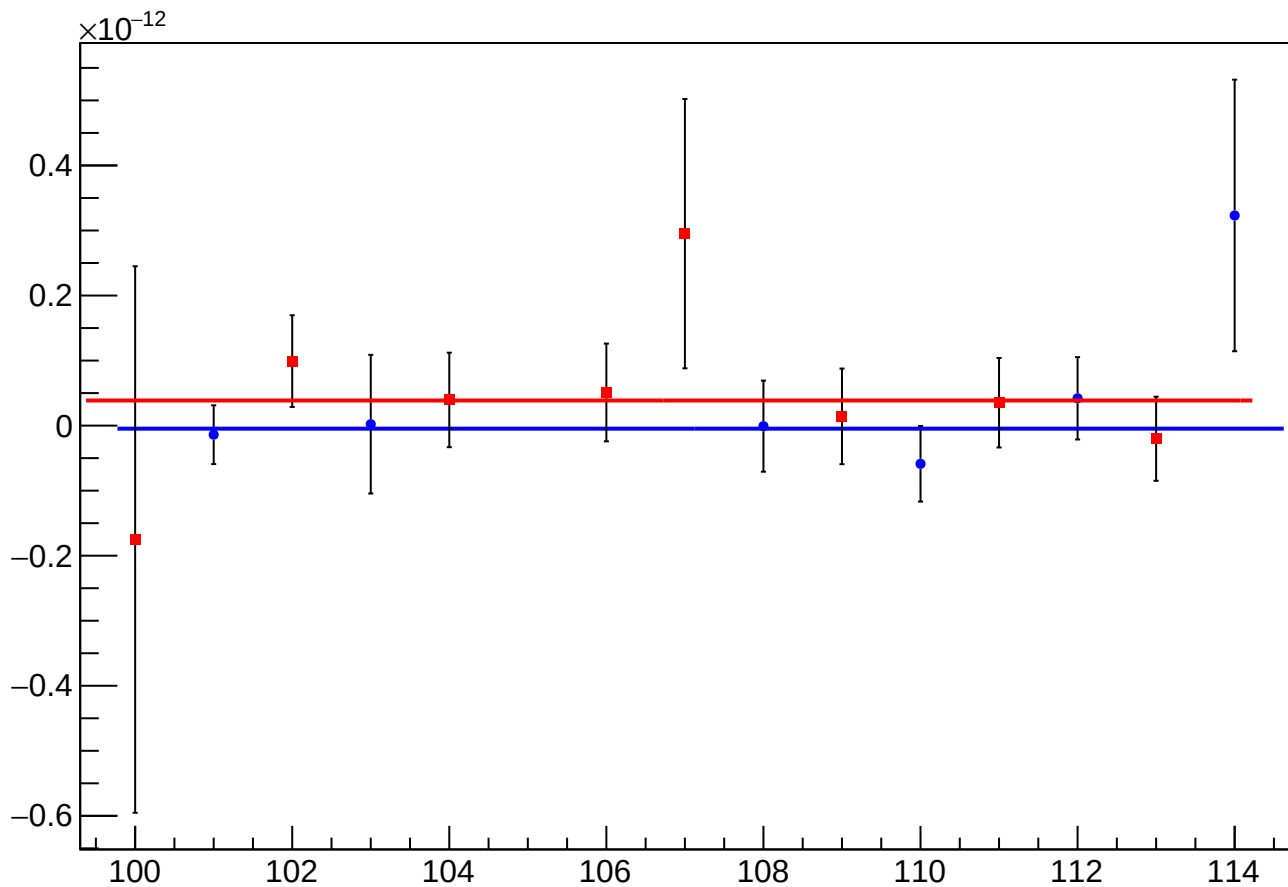
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1948941.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/7

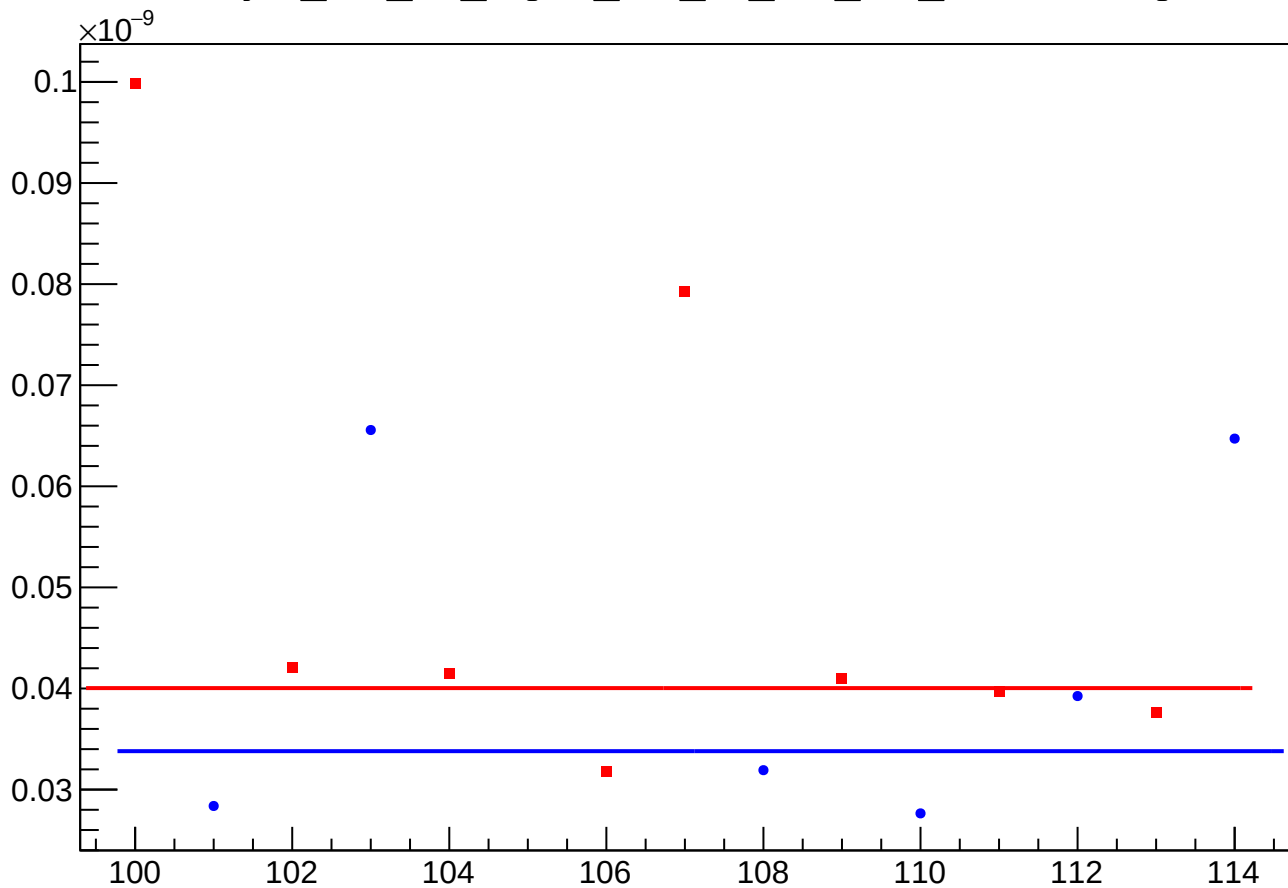
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 289054.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 142434.6/7

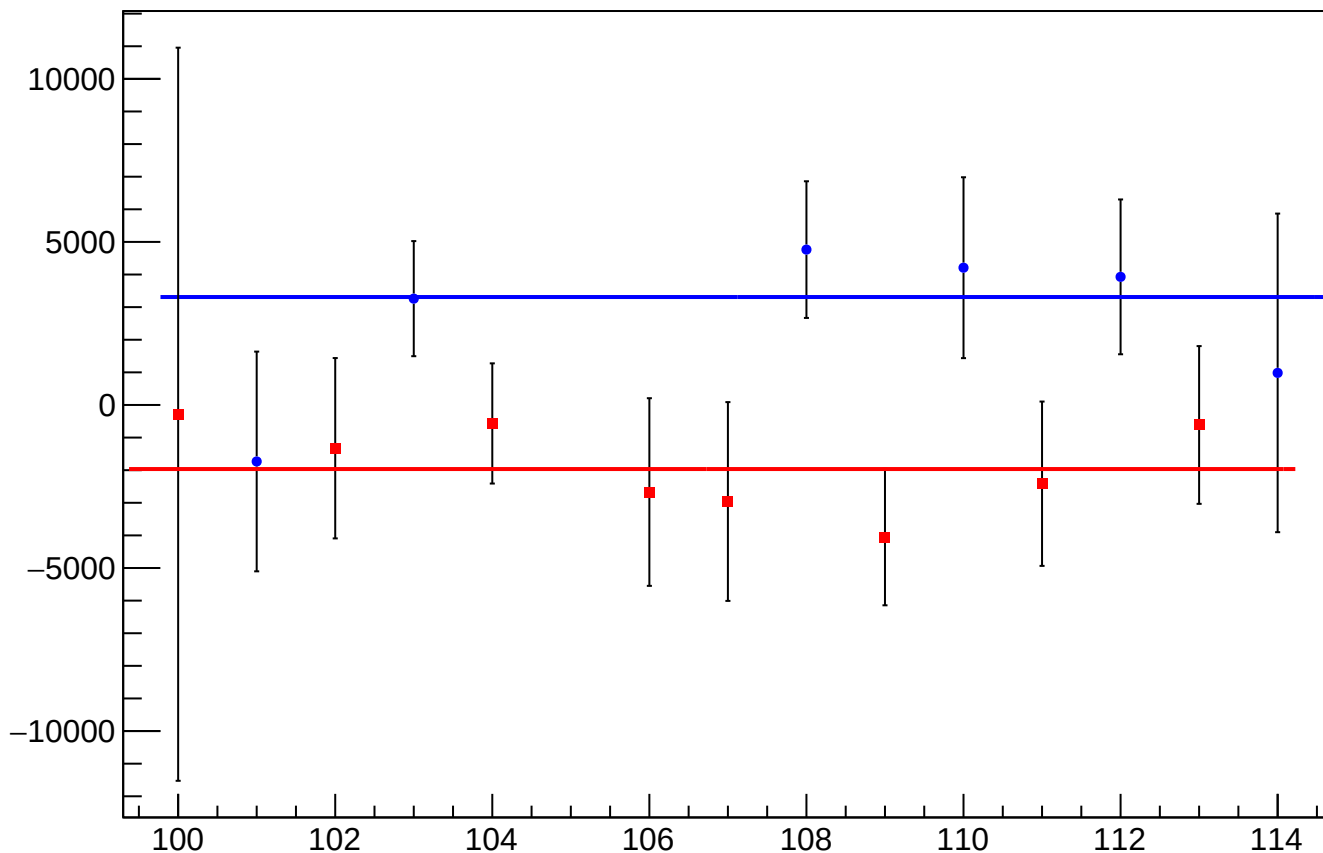
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 481638.6/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3310.041 $\pm$ 1006.924 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1964.994 $\pm$ 905.954 χ^2 /NDF: 2.2/7

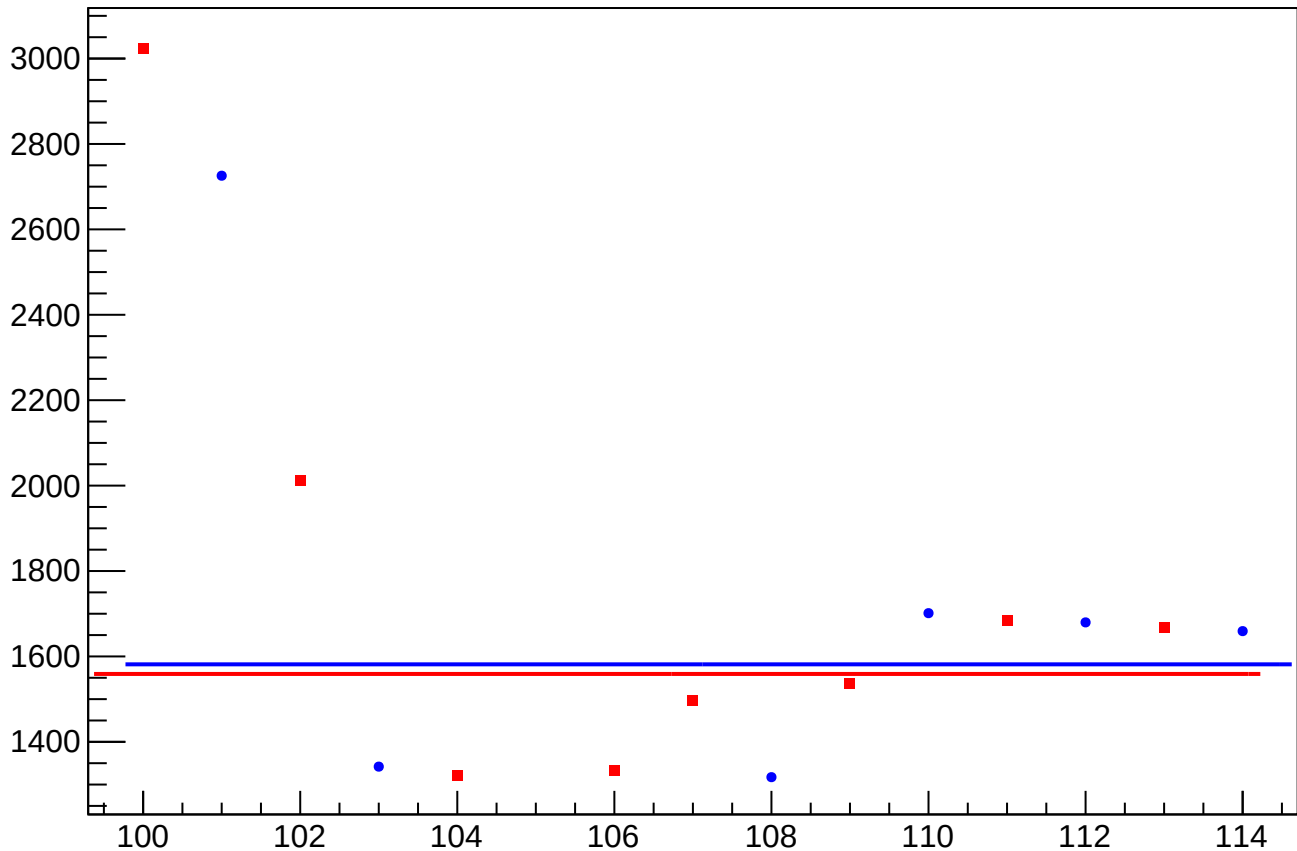
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 394.858 $\pm$ 673.482 χ^2 /NDF: 20.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1581.493+/-0.712 χ^2/NDF : 306965.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.985+/-0.641 χ^2/NDF : 143799.5/7

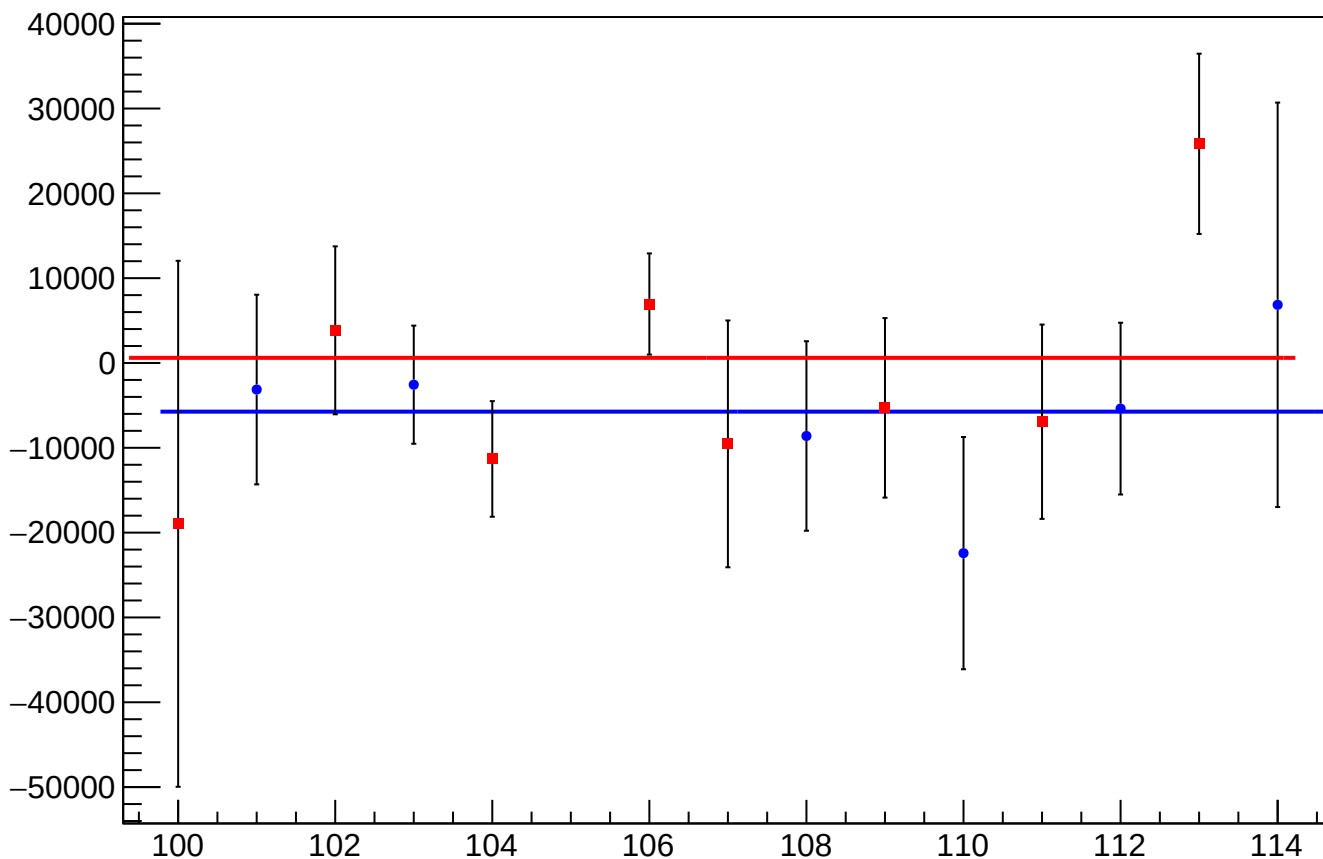
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -5737.169+/-4324.042 χ^2 /NDF: 2.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 606.026+/-3314.958 χ^2 /NDF: 11.6/7

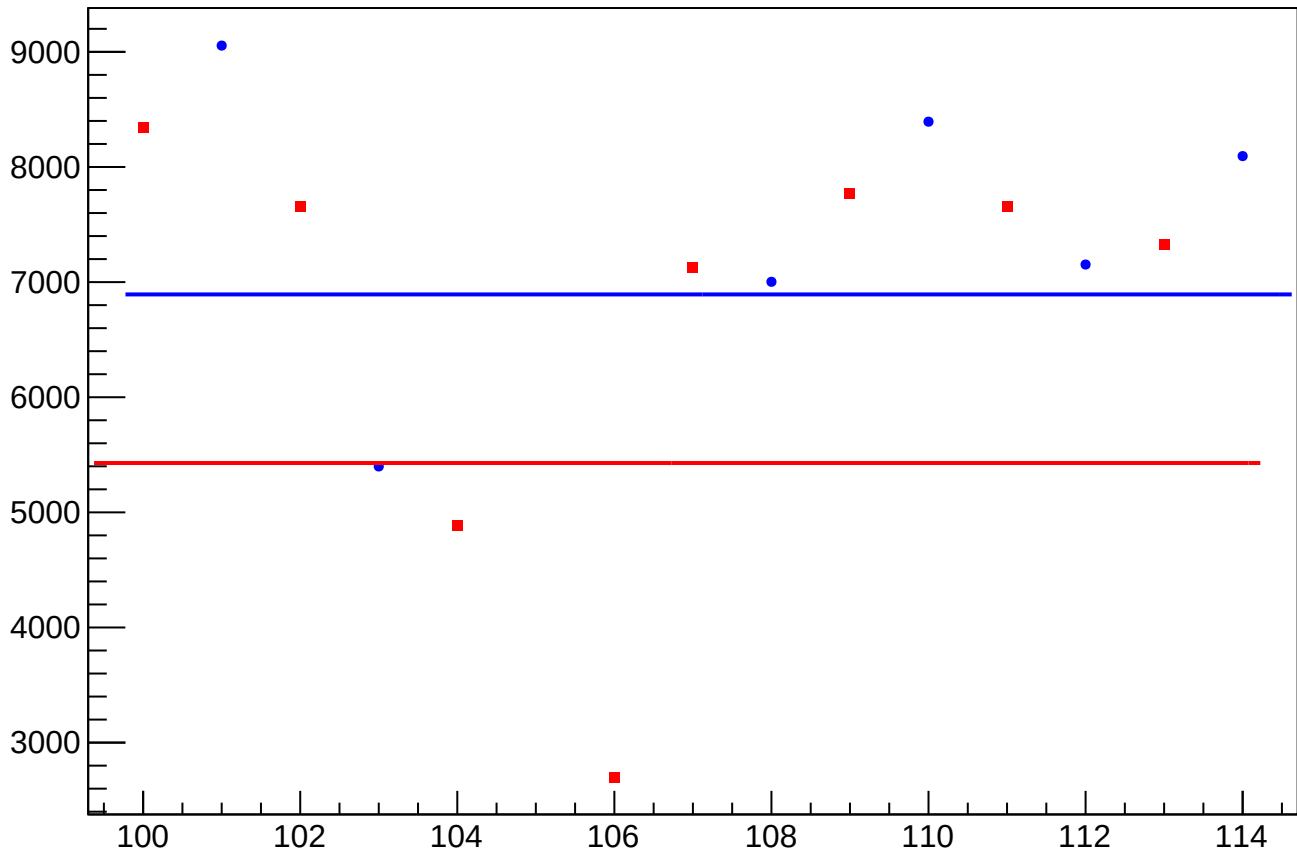
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1742.029+/-2630.813 χ^2 /NDF: 15.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 6893.065+/-3.058 χ^2/NDF : 197466.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5428.713+/-2.344 χ^2/NDF : 814757.6/7

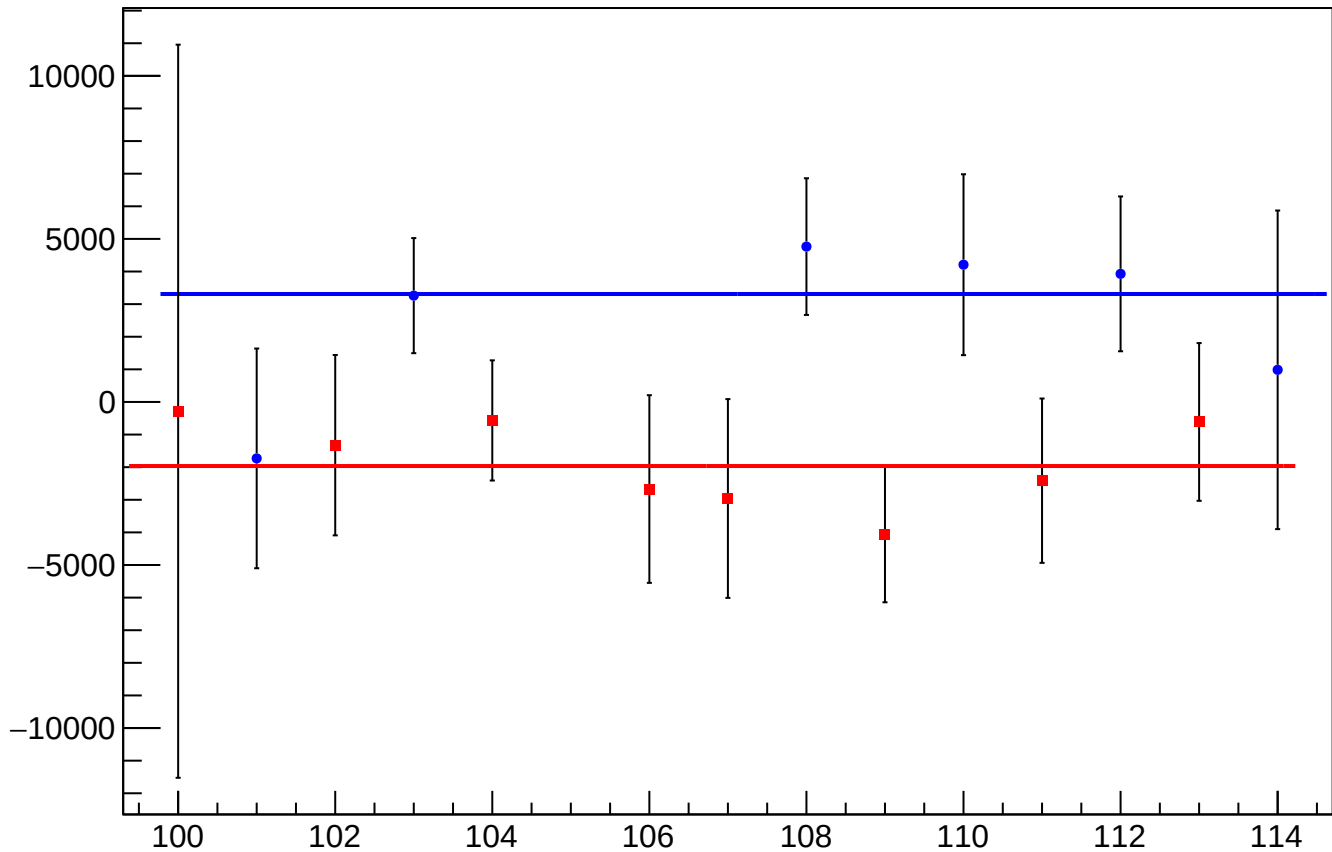
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5970.771+/-1.860 χ^2/NDF : 1156689.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_avg_mean vs Slug



Right In: 3310.233+/-1006.924 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1964.675+/-905.954 χ^2/NDF : 2.2/7

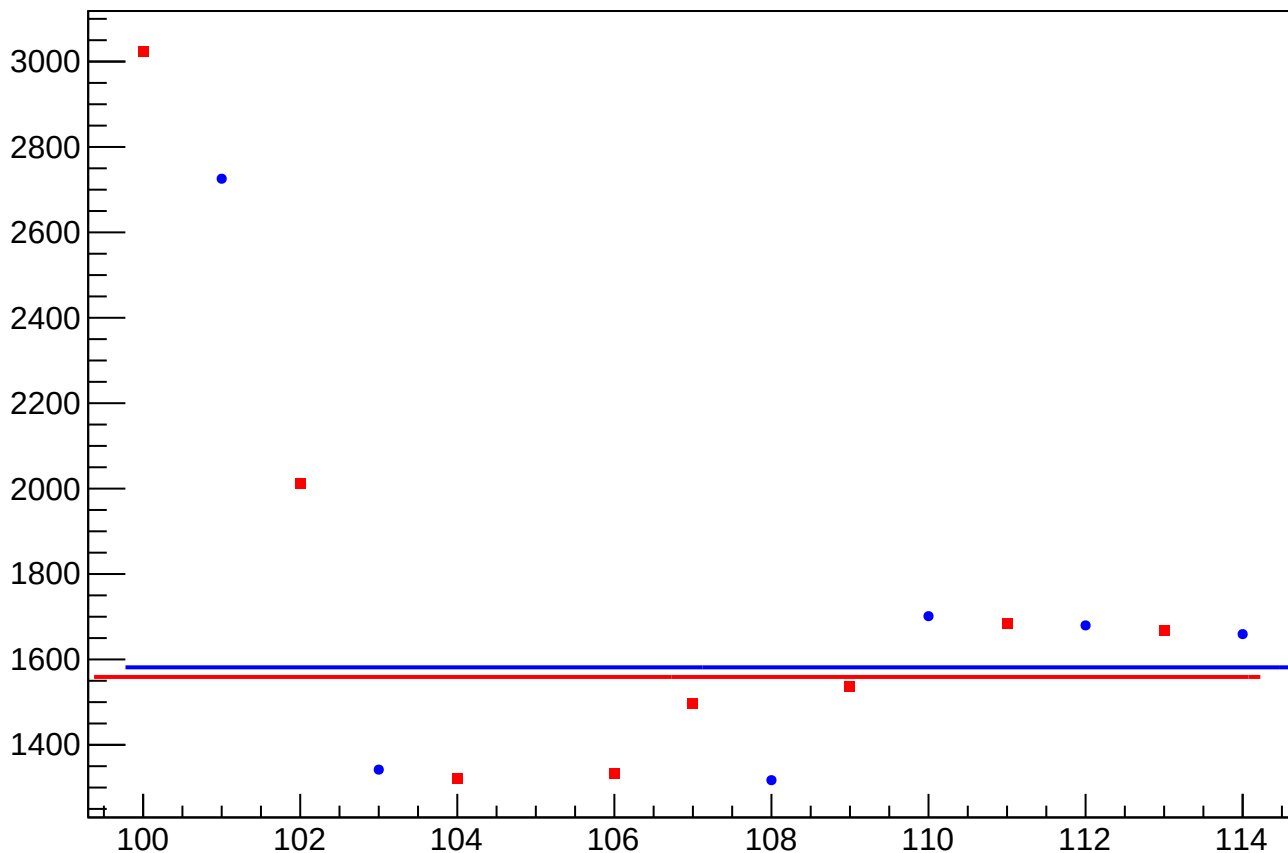
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.119+/-673.482 χ^2/NDF : 20.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1581.493+/-0.712 χ^2/NDF : 306965.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.985+/-0.641 χ^2/NDF : 143799.3/7

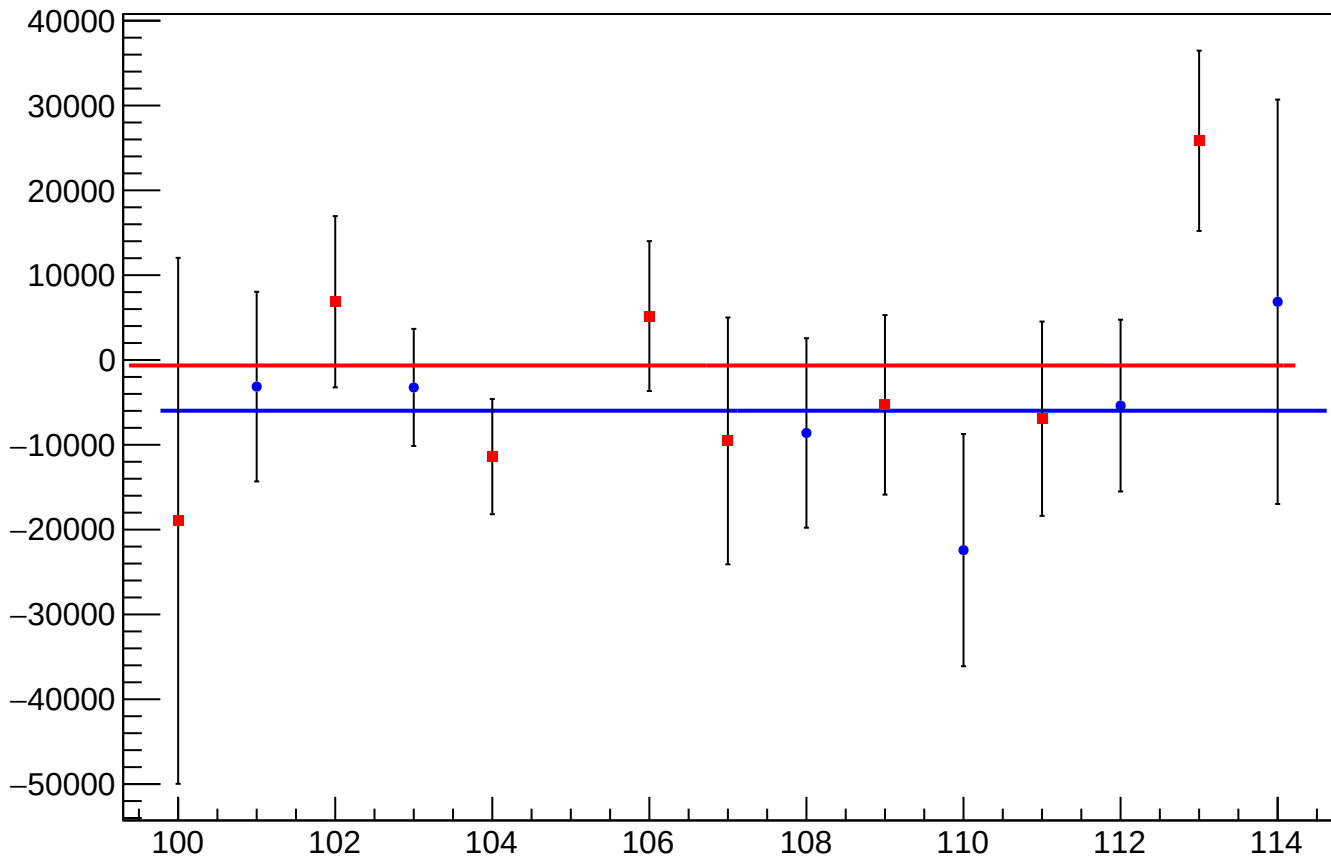
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -5981.118+/-4309.745 χ^2/NDF : 2.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -646.846+/-3640.521 χ^2/NDF : 10.9/7

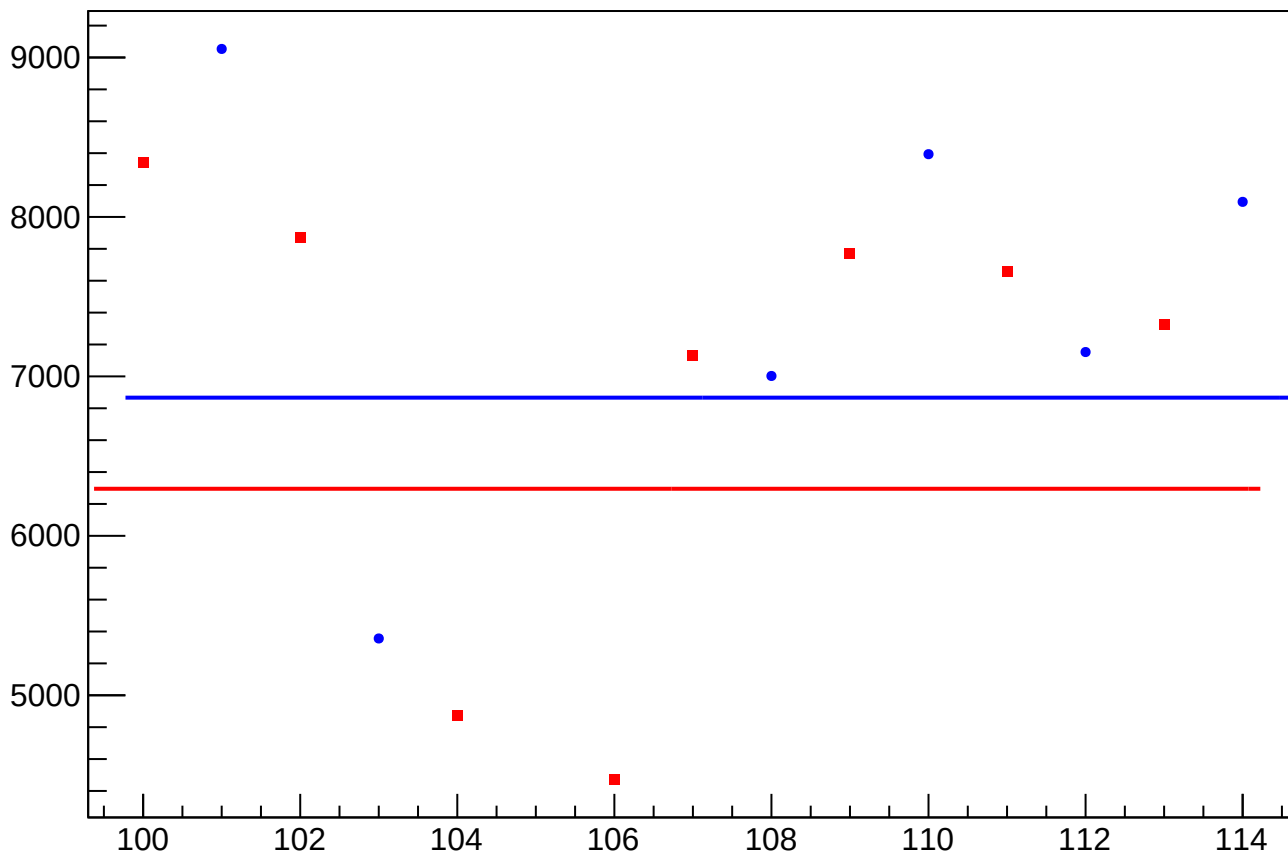
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2868.122+/-2781.092 χ^2/NDF : 13.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 6866.672+/-3.047 χ^2/NDF : 204310.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6295.201+/-2.574 χ^2/NDF : 323096.1/7

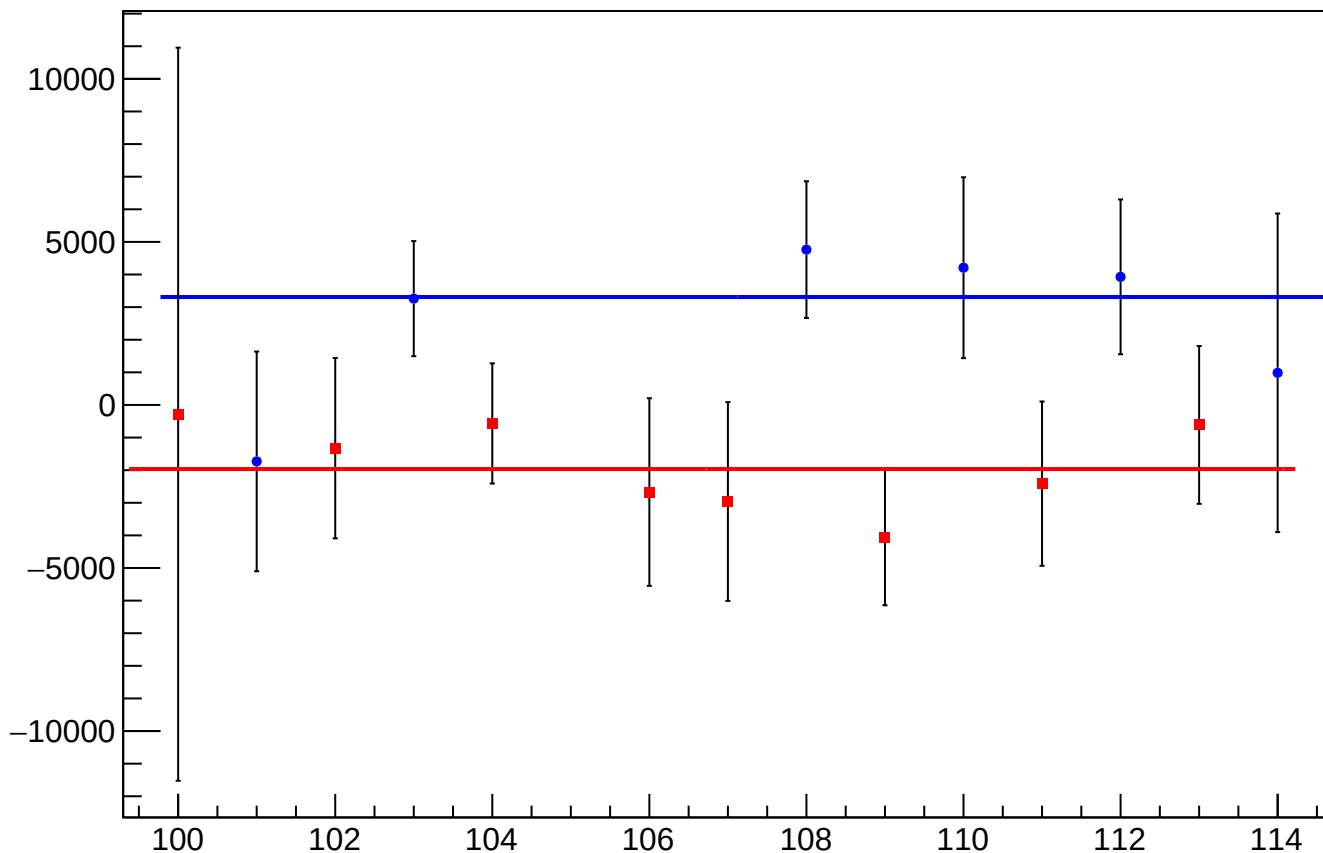
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6533.171+/-1.967 χ^2/NDF : 547928.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_avg_mean vs Slug



Right In: 3310.233+/-1006.924 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1964.675+/-905.954 χ^2/NDF : 2.2/7

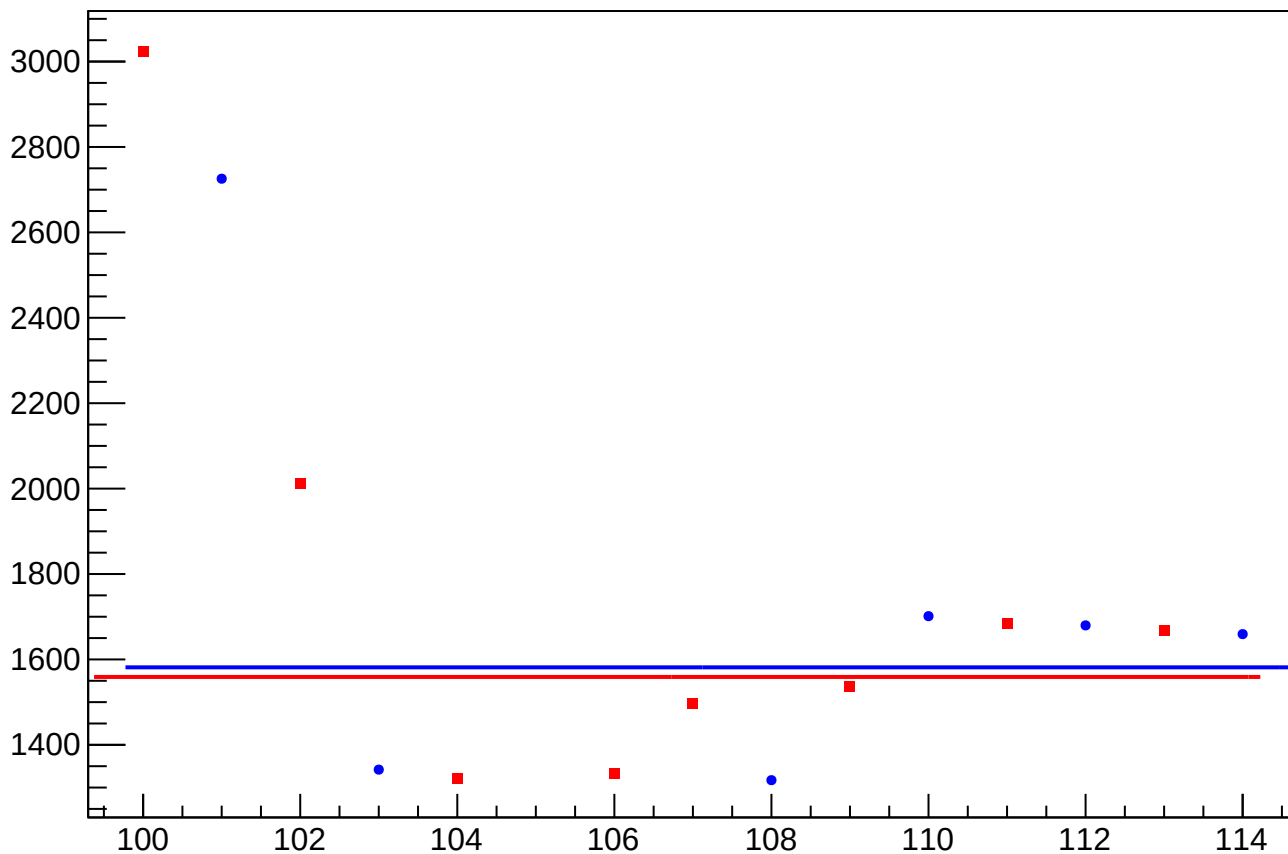
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.119+/-673.482 χ^2/NDF : 20.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1581.493+/-0.712 χ^2/NDF : 306965.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.985+/-0.641 χ^2/NDF : 143799.3/7

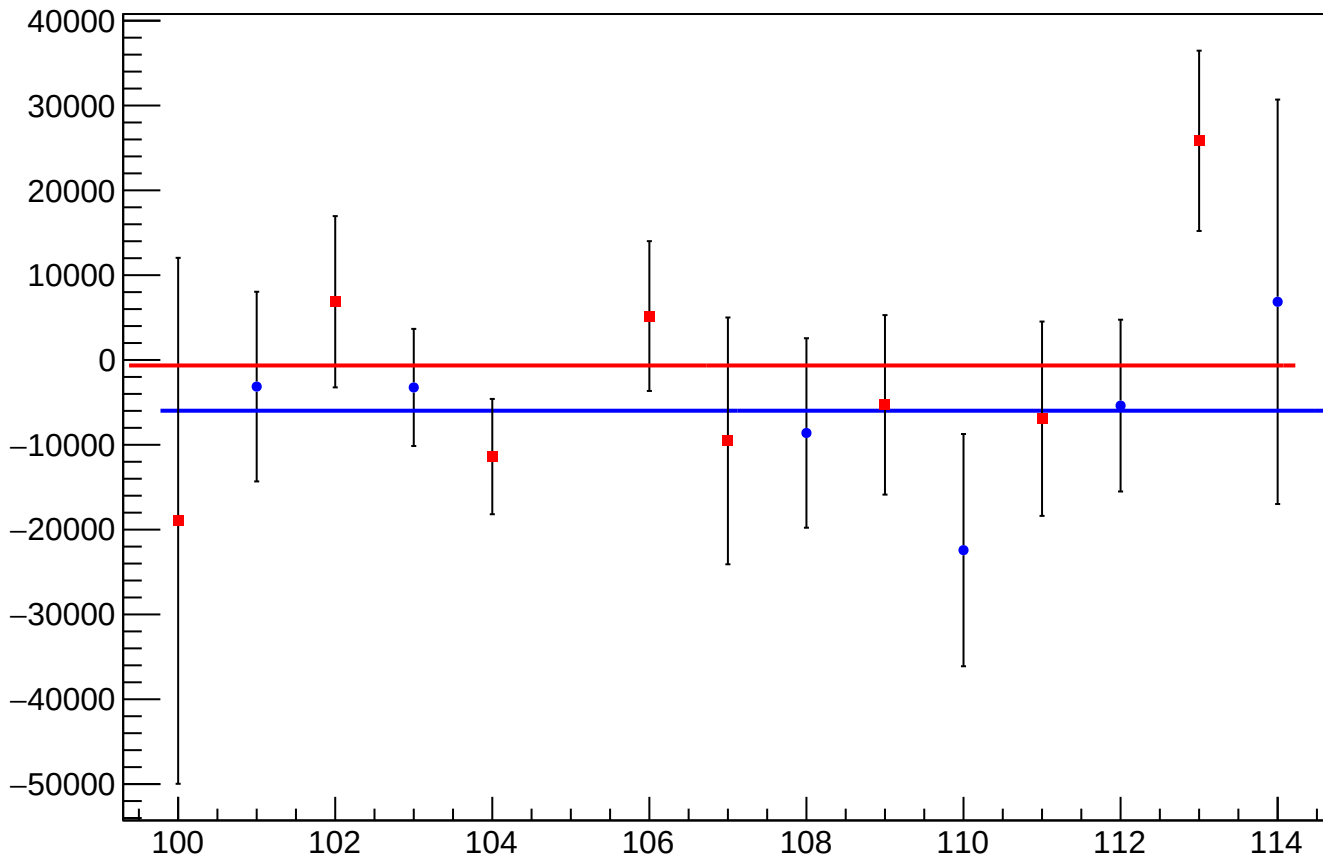
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_mean vs Slug



Right In: -5981.118+/-4309.745 χ^2/NDF : 2.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -646.846+/-3640.521 χ^2/NDF : 10.9/7

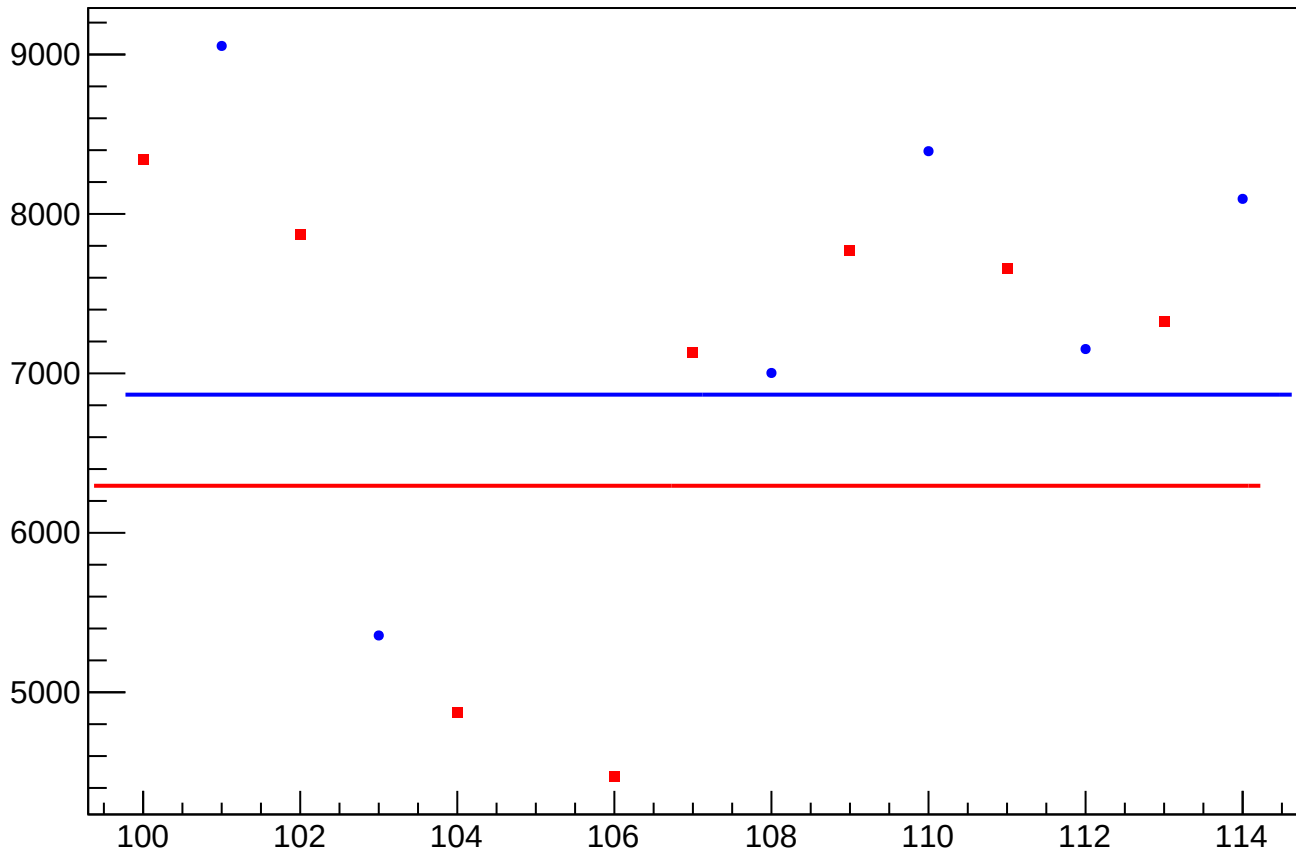
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2868.122+/-2781.092 χ^2/NDF : 13.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 6866.672 $\pm$ 3.047 χ^2 /NDF: 204310.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6295.201 $\pm$ 2.574 χ^2 /NDF: 323096.1/7

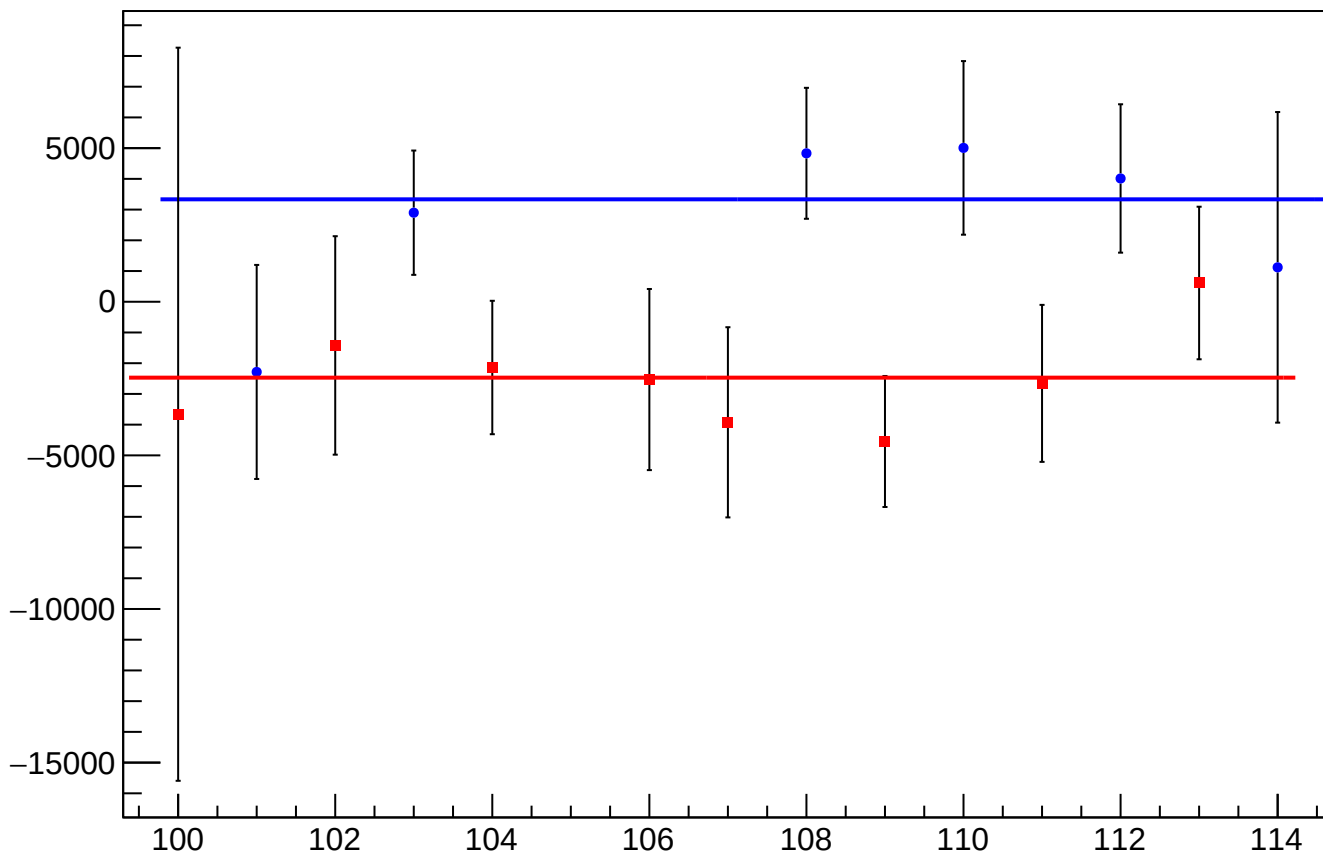
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6533.171 $\pm$ 1.967 χ^2 /NDF: 547928.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3333.867 $\pm$ 1064.330 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2470.350 $\pm$ 974.458 χ^2 /NDF: 2.8/7

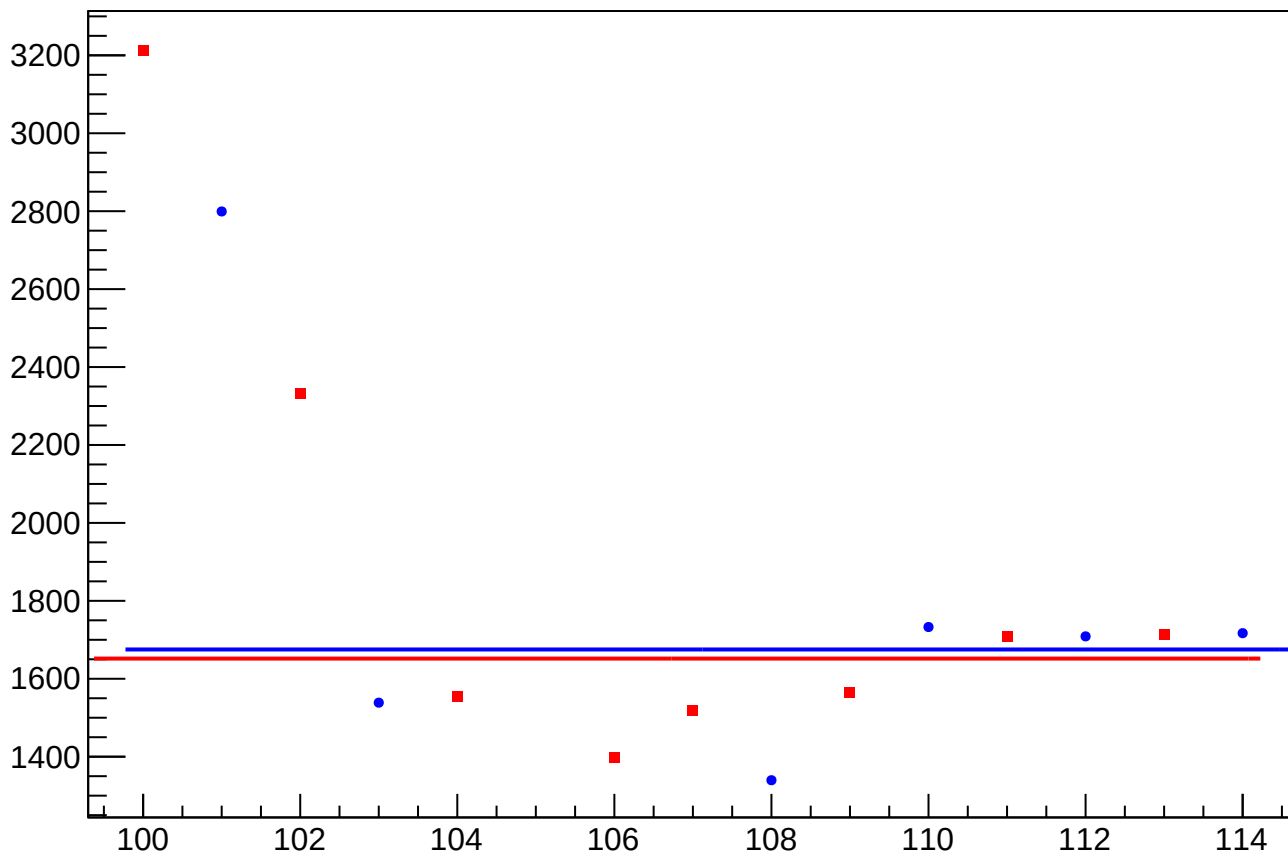
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.398 $\pm$ 718.722 χ^2 /NDF: 22.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1675.211+/-0.753 χ^2/NDF : 268292.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.800+/-0.688 χ^2/NDF : 135467.5/7

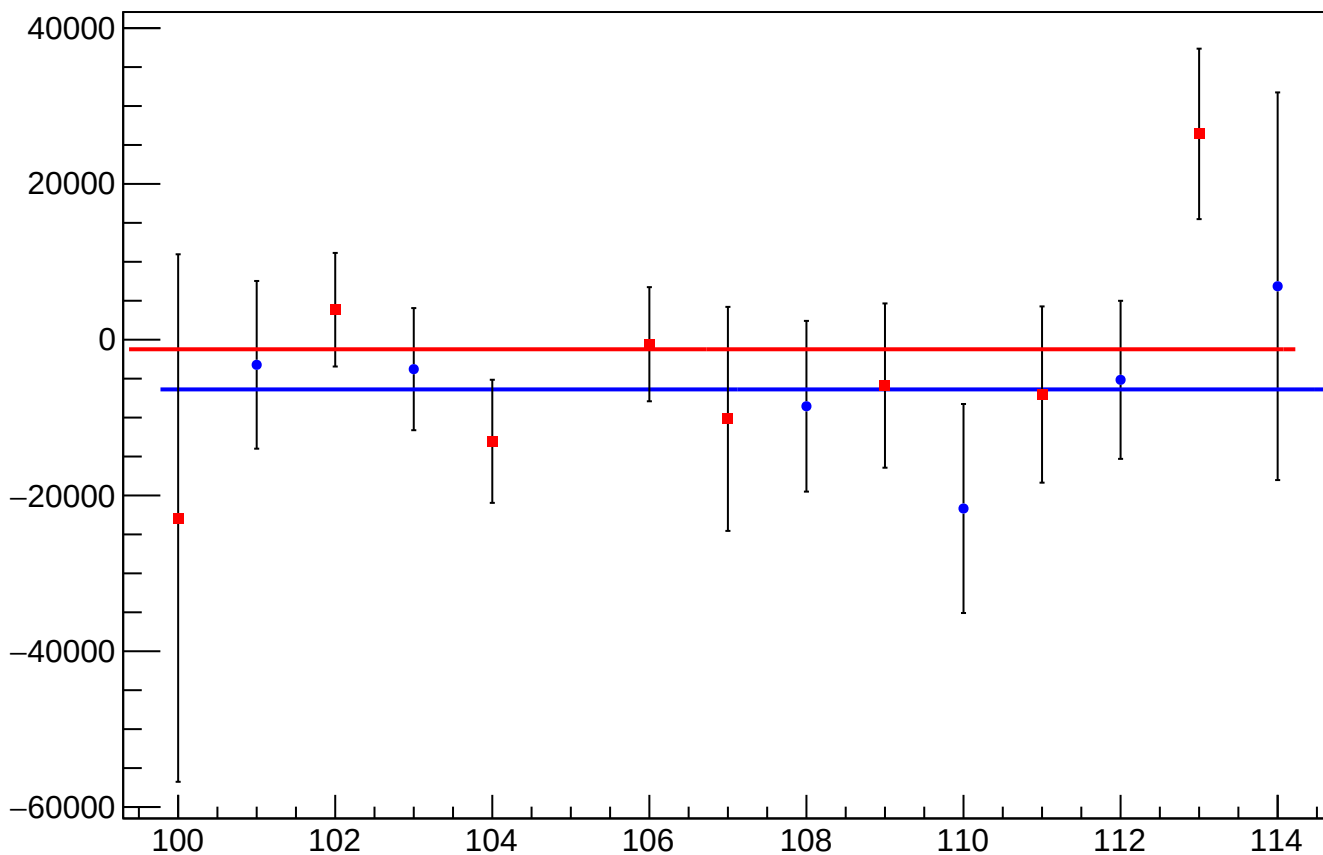
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.466+/-0.508 χ^2/NDF : 404286.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



Right In: -6383.848+/-4467.305 χ^2/NDF : 1.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1230.827+/-3443.968 χ^2/NDF : 10.4/7

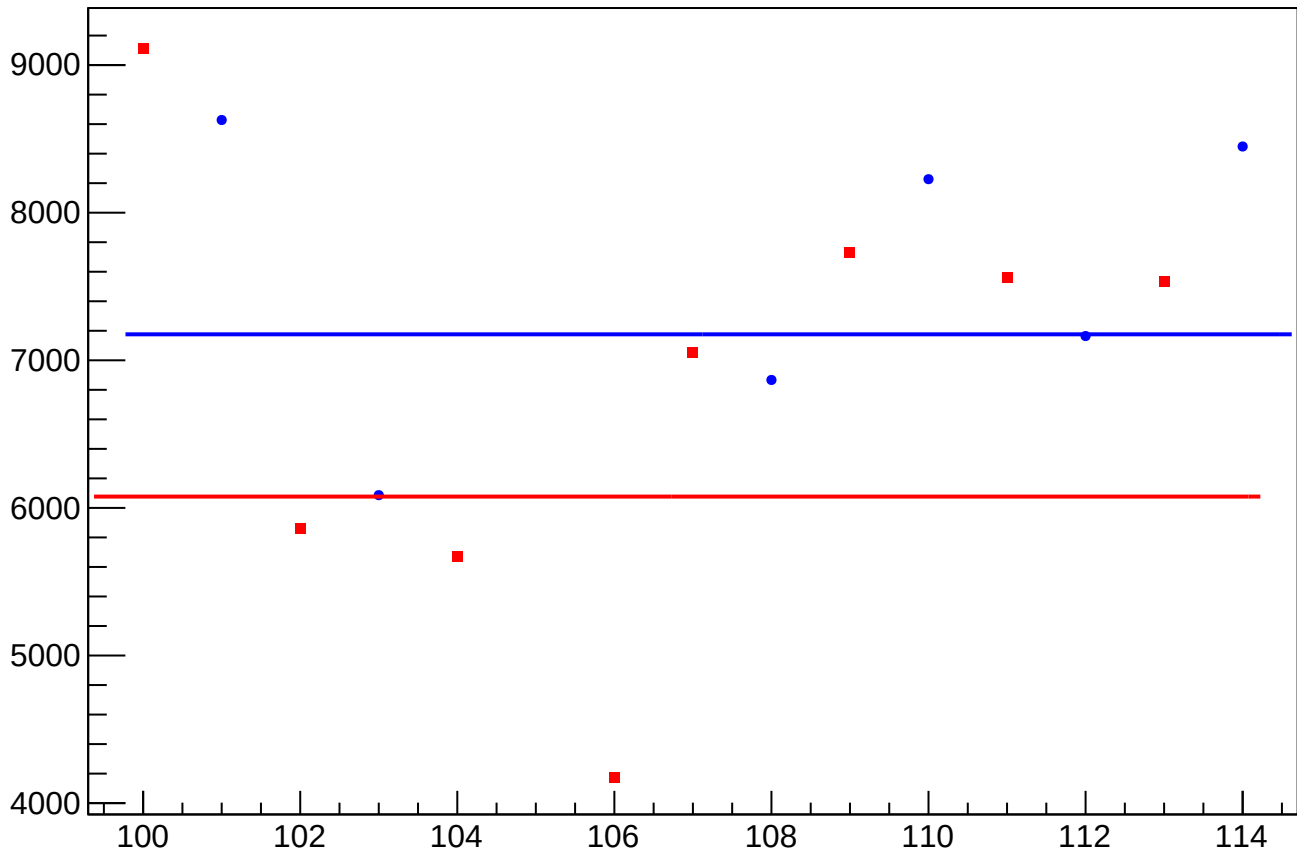
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3151.754+/-2727.534 χ^2/NDF : 13.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 7176.038 $\pm$ 3.159 χ^2 /NDF: 94103.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6076.841 $\pm$ 2.435 χ^2 /NDF: 286001.3/7

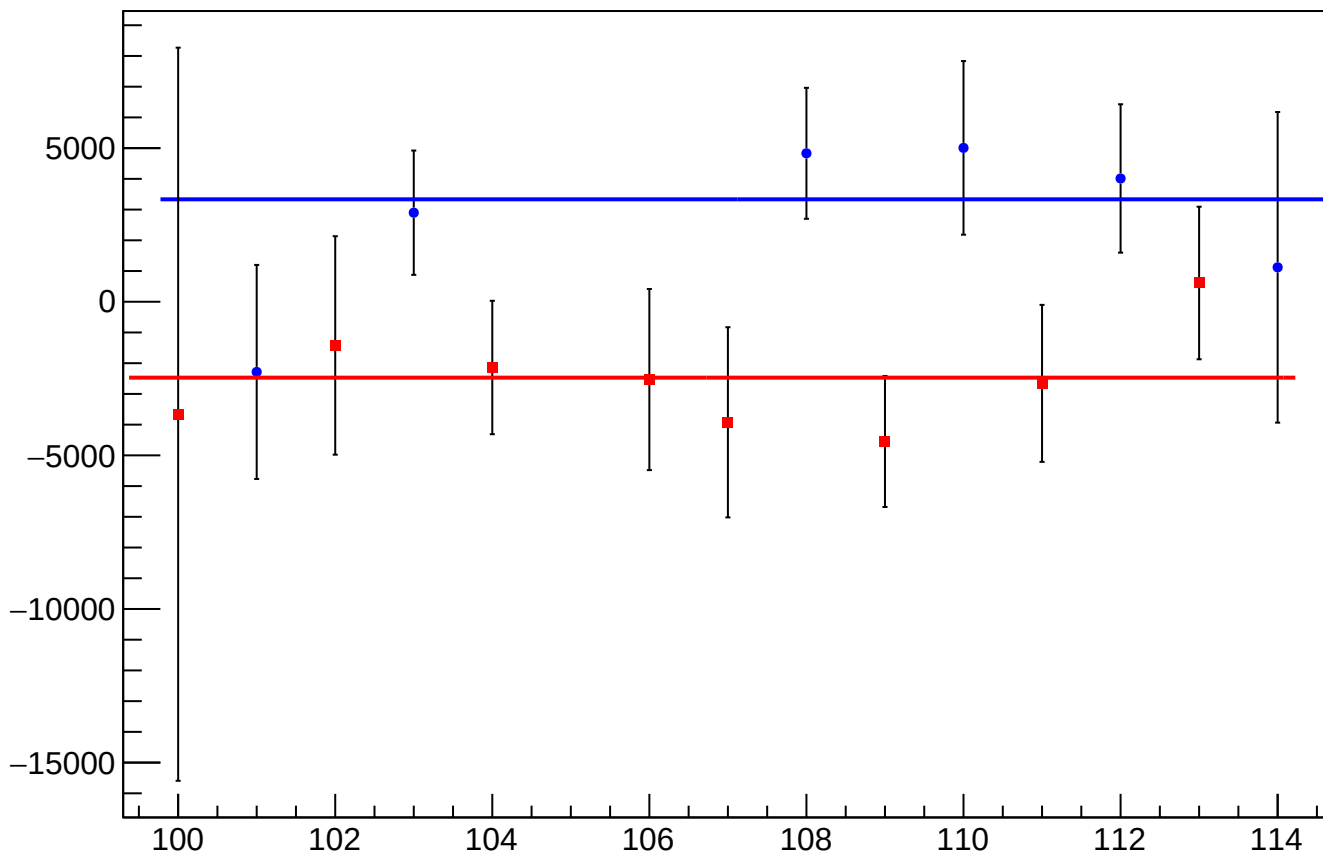
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6486.597 $\pm$ 1.929 χ^2 /NDF: 456052.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3333.877+/-1064.330 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2470.360+/-974.458 χ^2/NDF : 2.8/7

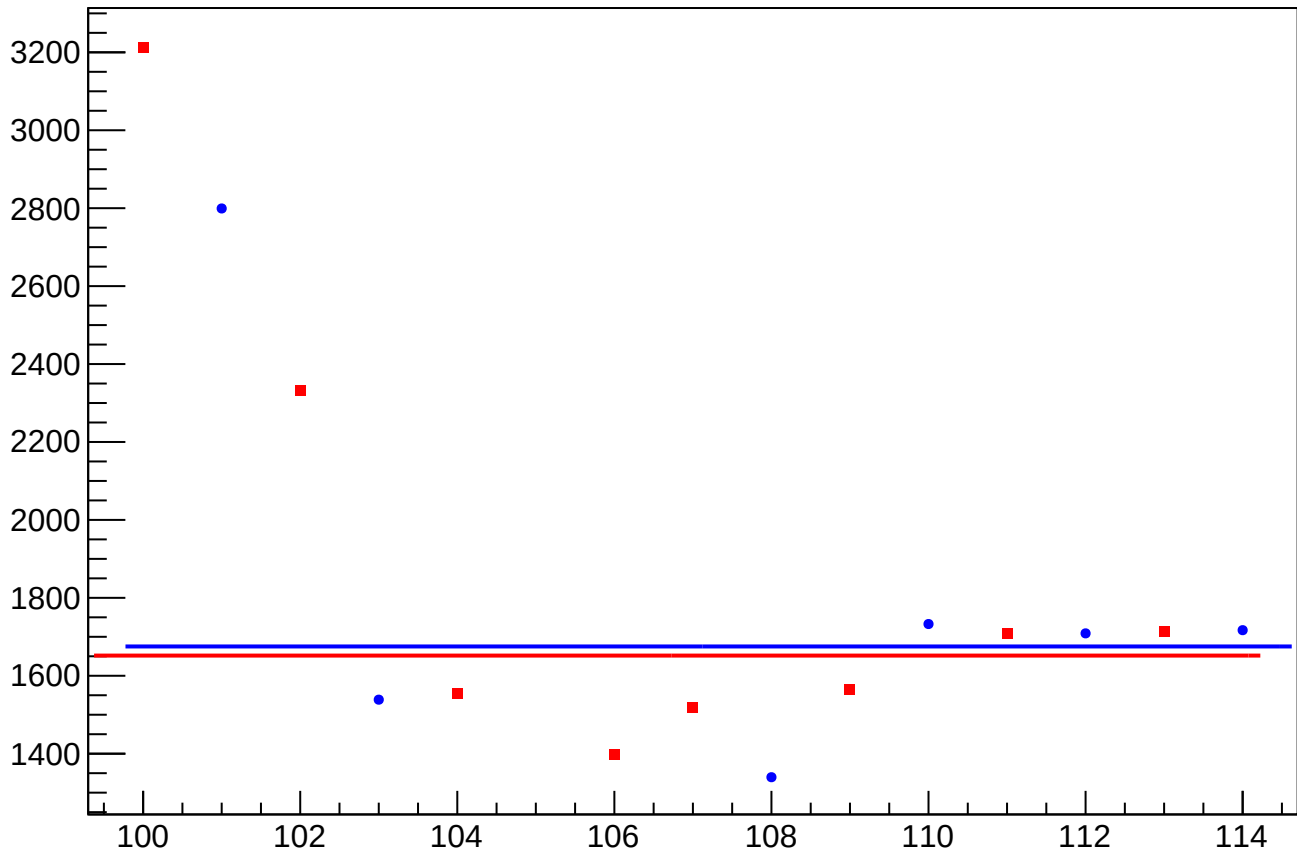
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.397+/-718.722 χ^2/NDF : 22.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1675.212+/-0.753 χ^2/NDF : 268291.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

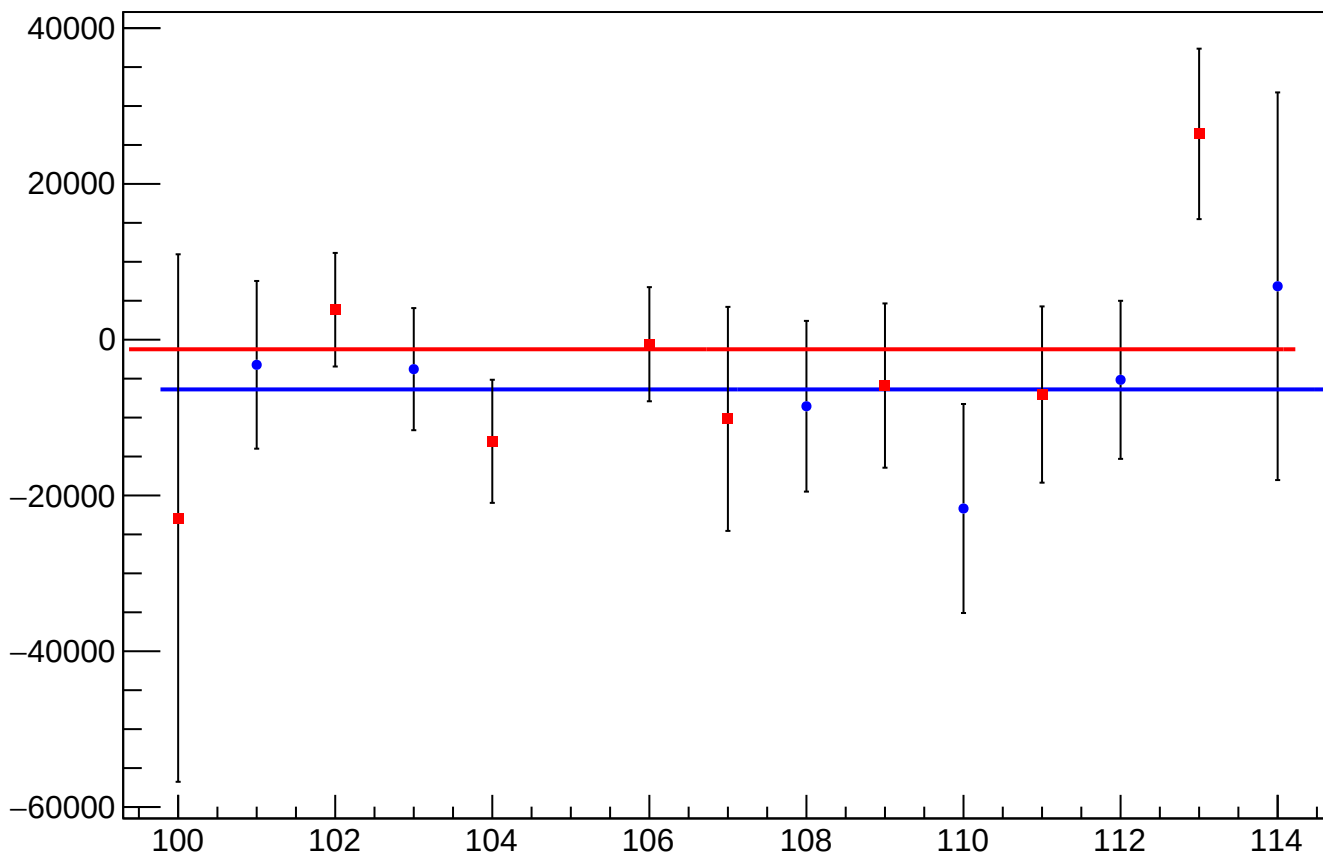
Right Out: 1651.800+/-0.688 χ^2/NDF : 135467.3/7

All: 1662.466+/-0.508 χ^2/NDF : 404286.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -6383.846+/-4467.299 χ^2/NDF : 1.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1230.835+/-3443.963 χ^2/NDF : 10.4/7

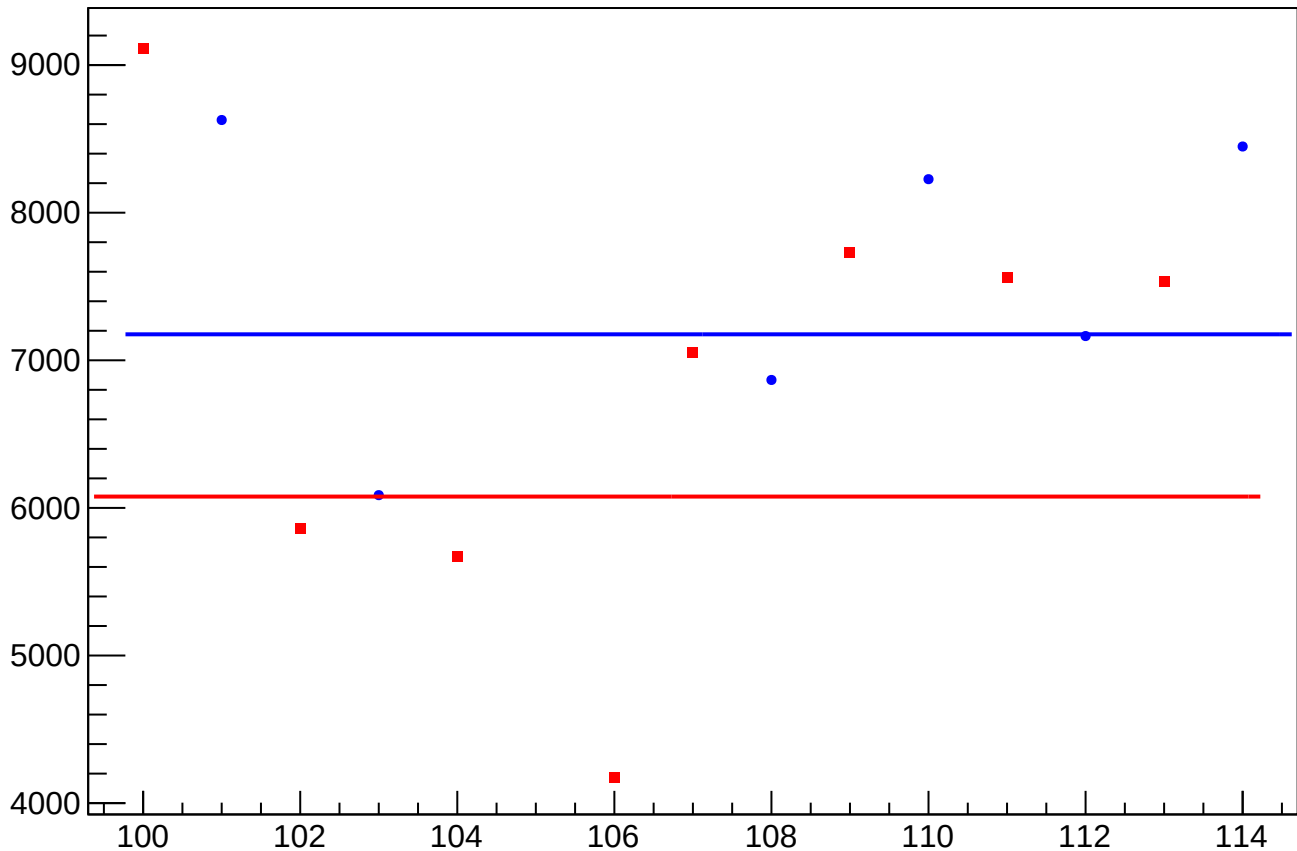
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3151.758+/-2727.530 χ^2/NDF : 13.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 7176.030+/-3.159 χ^2/NDF : 94102.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6076.832+/-2.435 χ^2/NDF : 286001.1/7

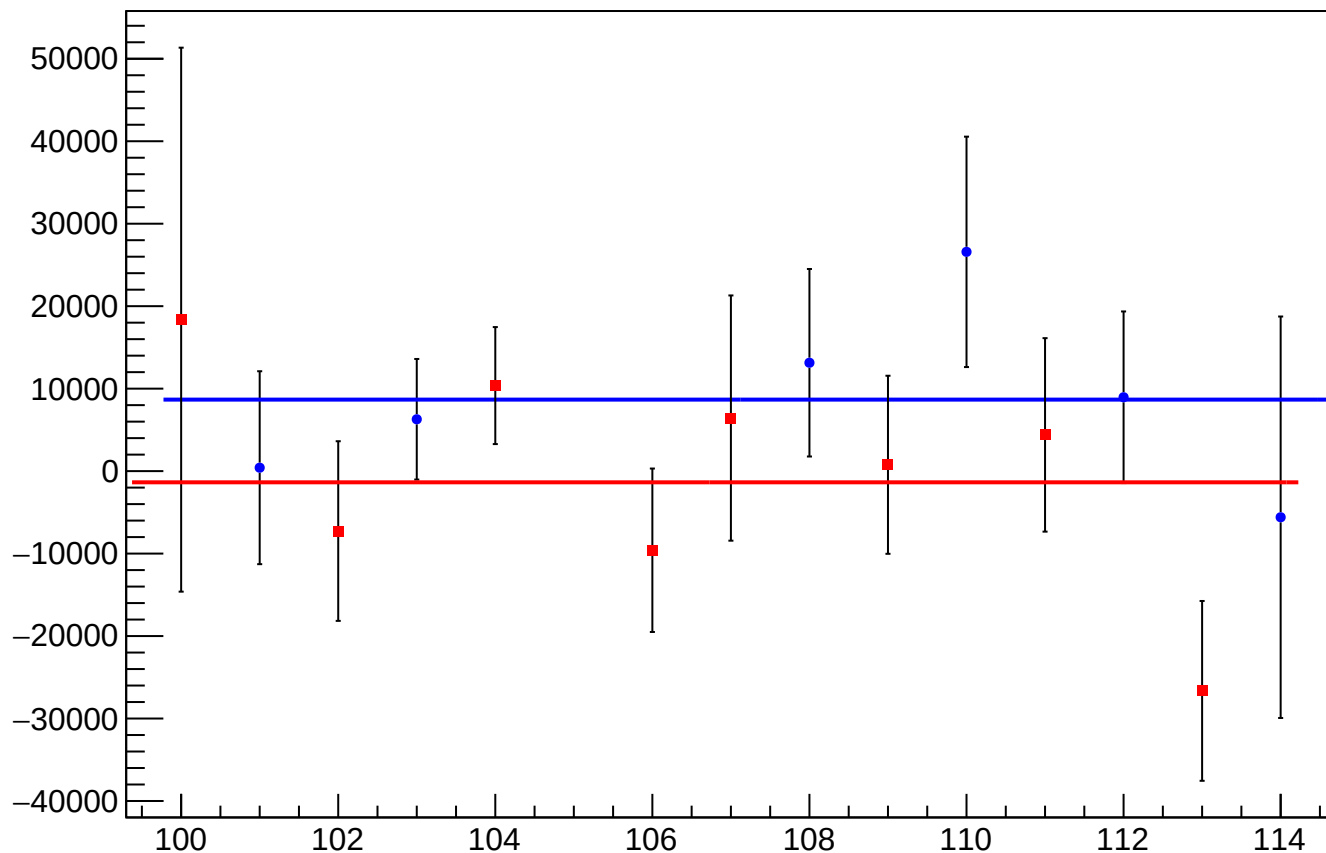
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.587+/-1.929 χ^2/NDF : 456051.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



Right In: 8670.694 $\pm$ 4480.772 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1358.363 $\pm$ 3829.515 χ^2 /NDF: 10.0/7

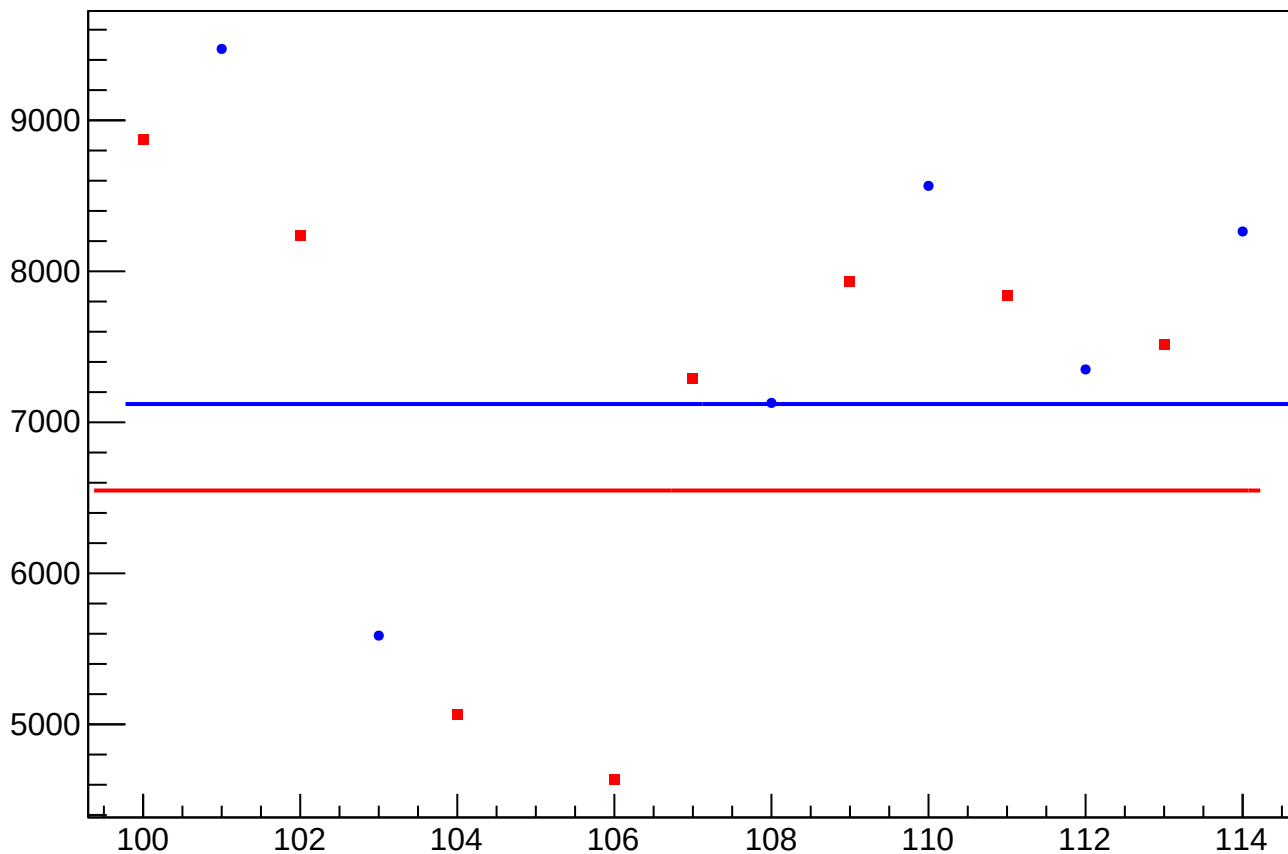
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2875.010 $\pm$ 2911.160 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_rms vs Slug



Right In: 7121.097+/-3.168 χ^2/NDF : 195640.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6548.556+/-2.707 χ^2/NDF : 298161.7/7

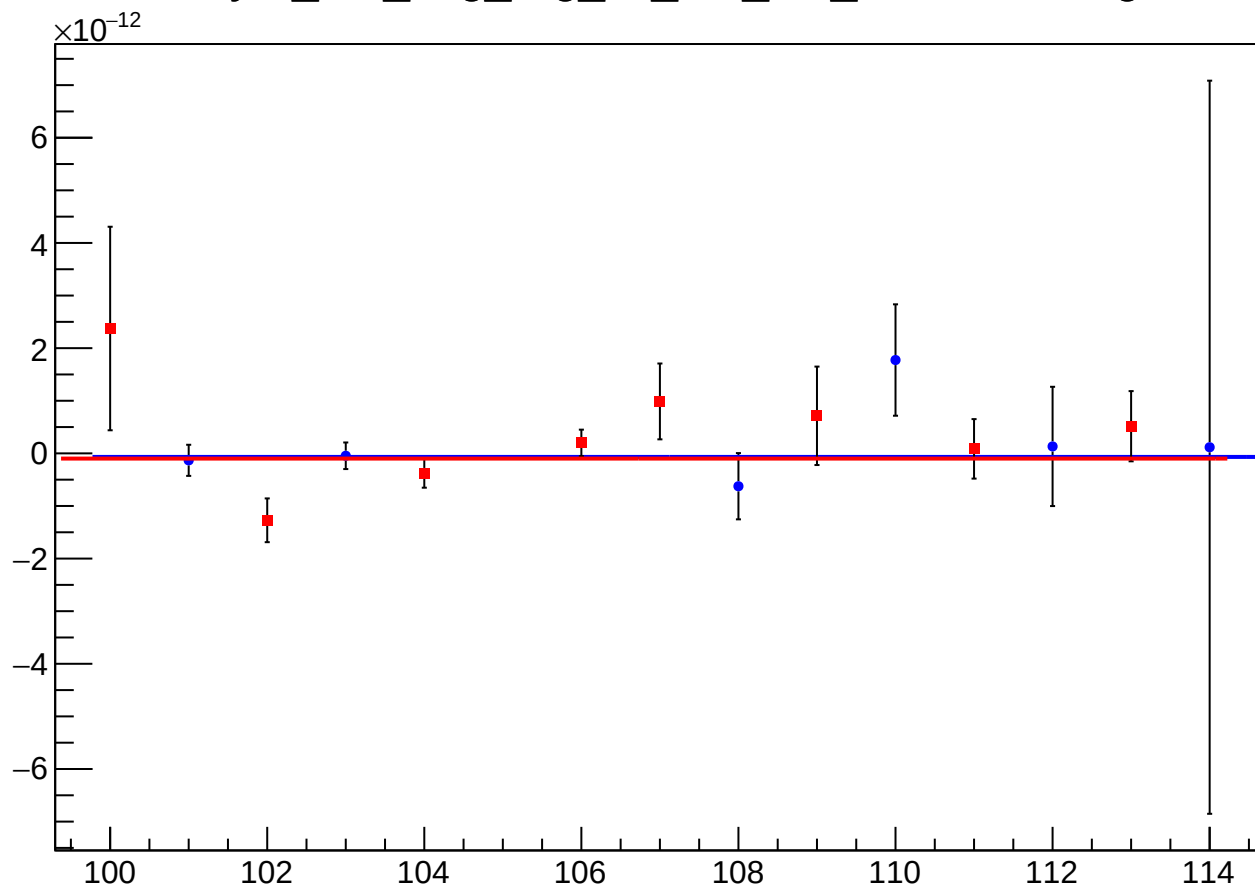
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6790.198+/-2.058 χ^2/NDF : 512675.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/7

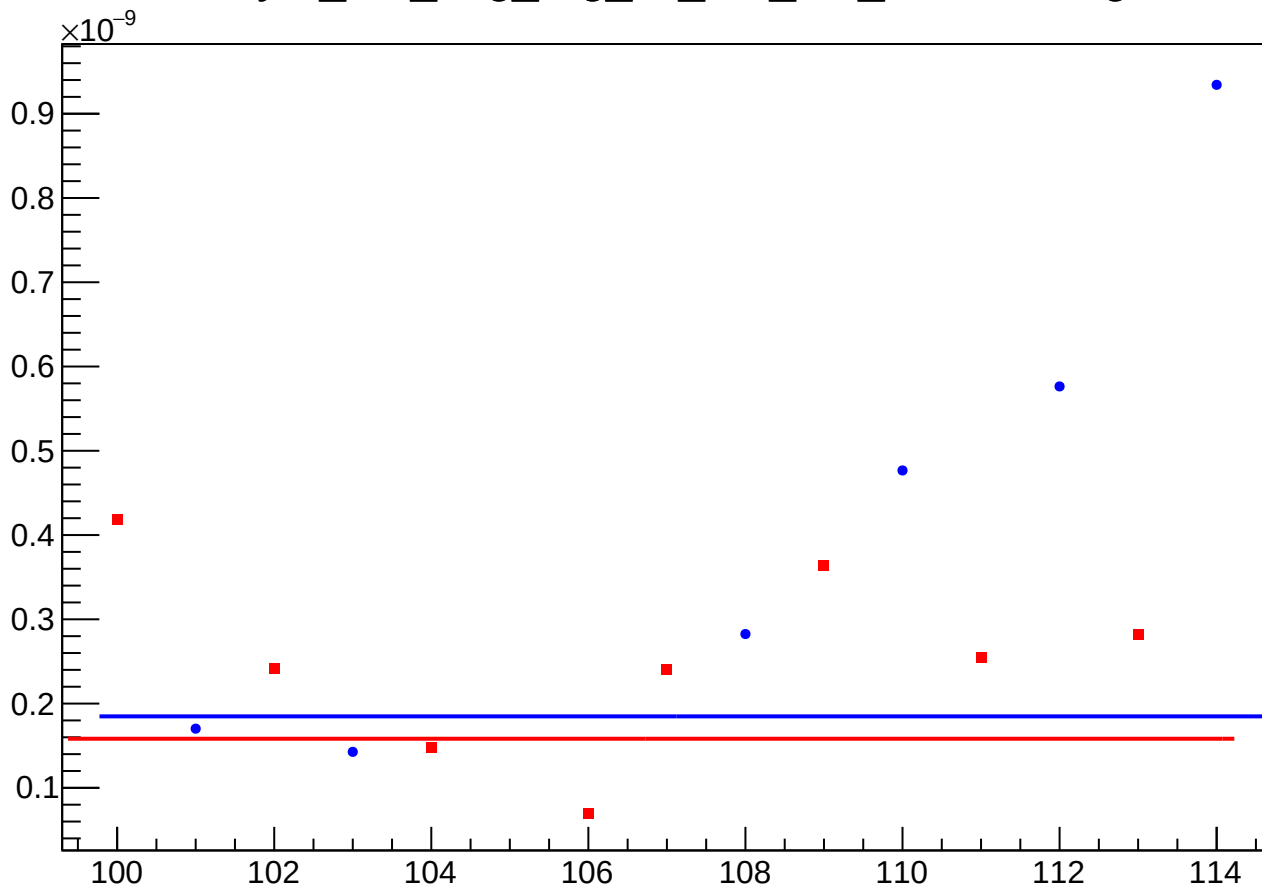
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 522225.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 615993.6/7

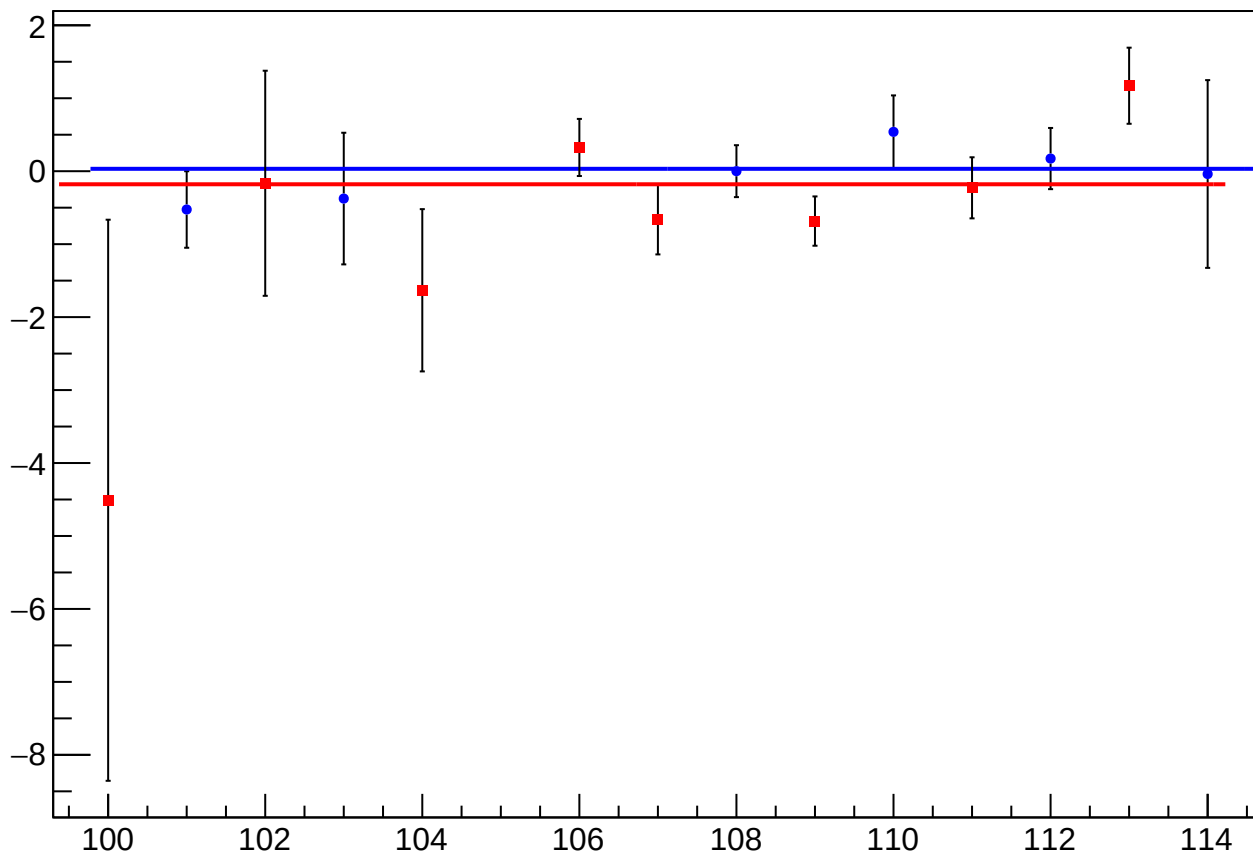
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1163766.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.179+/-0.182 χ^2/NDF : 14.6/7

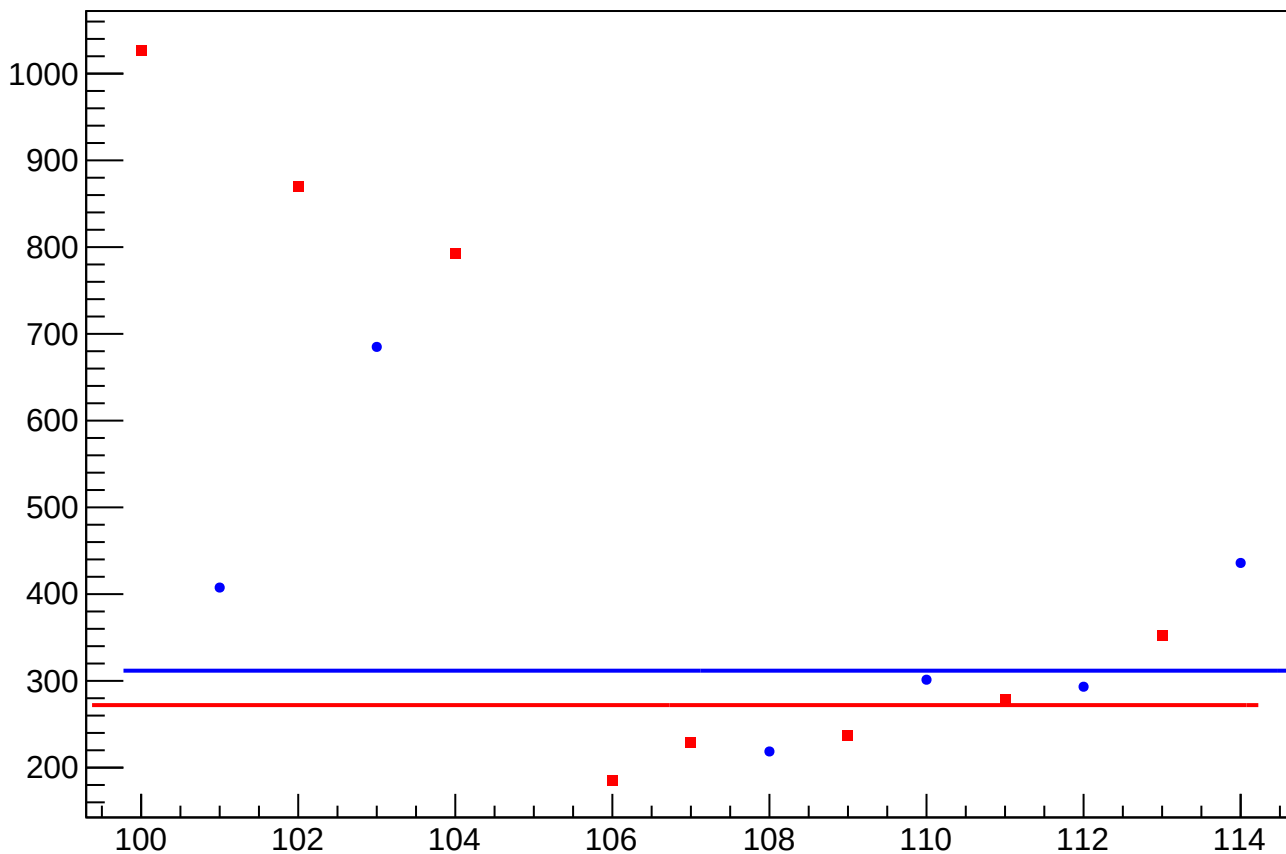
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.088+/-0.137 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 311.753+/-0.147 χ^2/NDF : 569388.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.074+/-0.128 χ^2/NDF : 999516.8/7

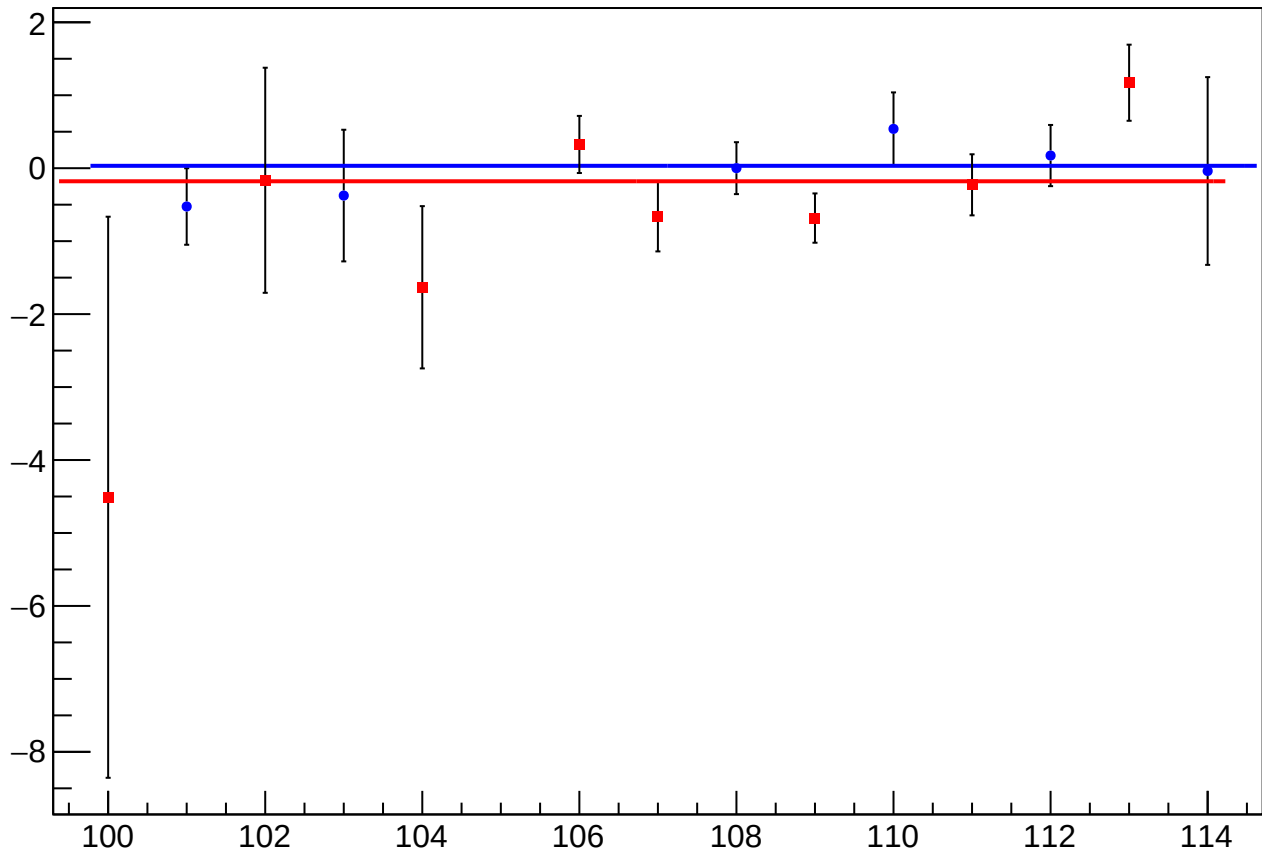
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.212+/-0.097 χ^2/NDF : 1610140.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.179+/-0.182 χ^2/NDF : 14.6/7

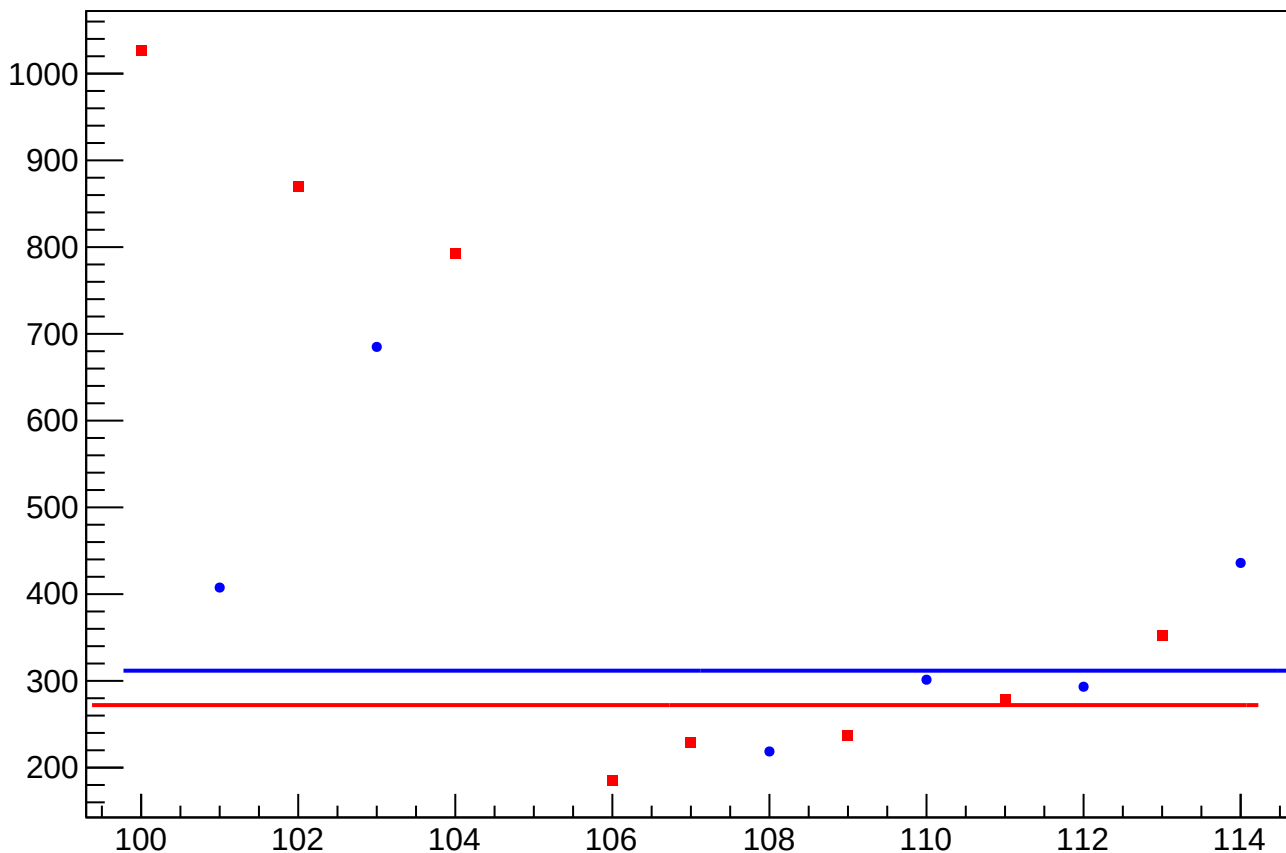
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.088+/-0.137 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 311.753+/-0.147 χ^2/NDF : 569388.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.074+/-0.128 χ^2/NDF : 999516.8/7

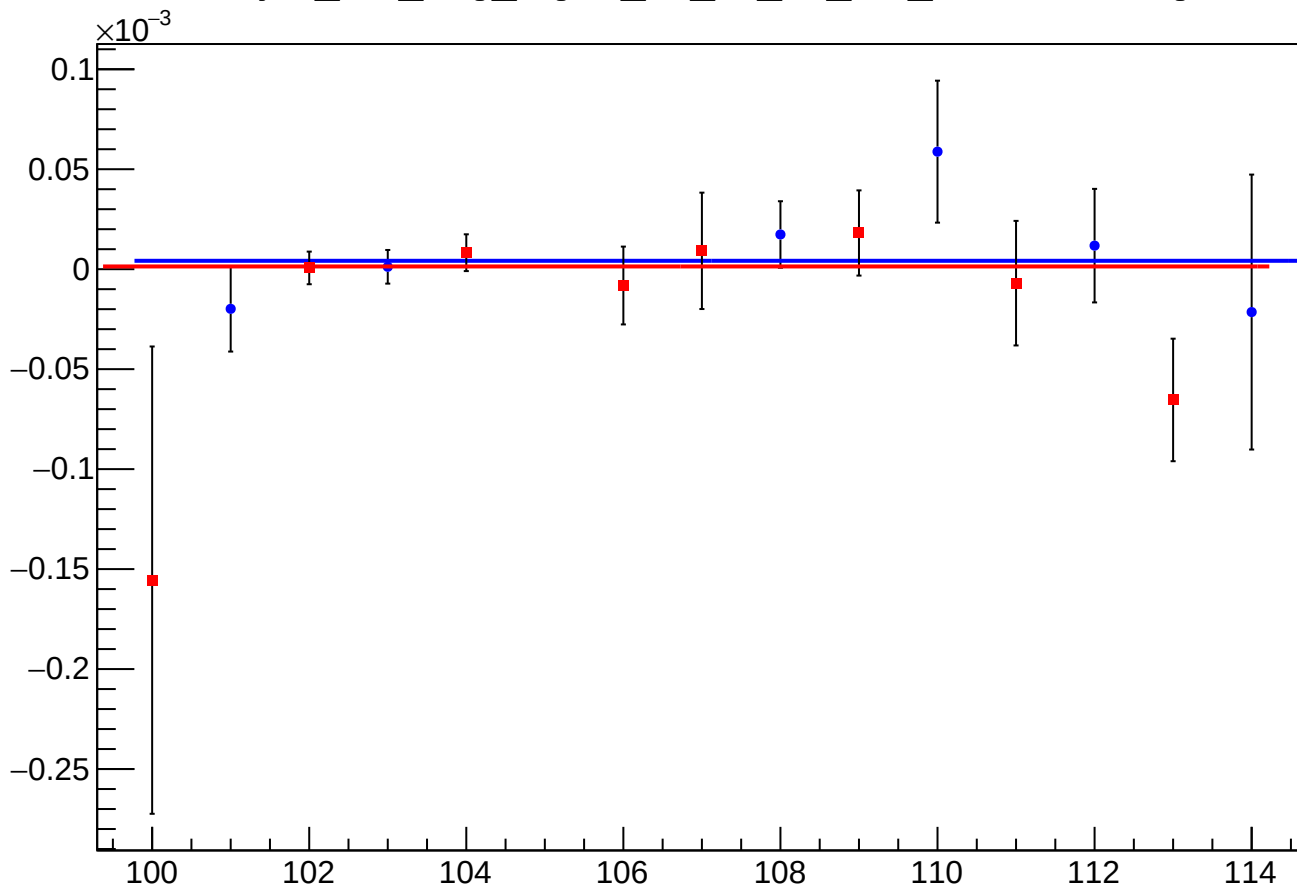
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.212+/-0.097 χ^2/NDF : 1610140.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/7

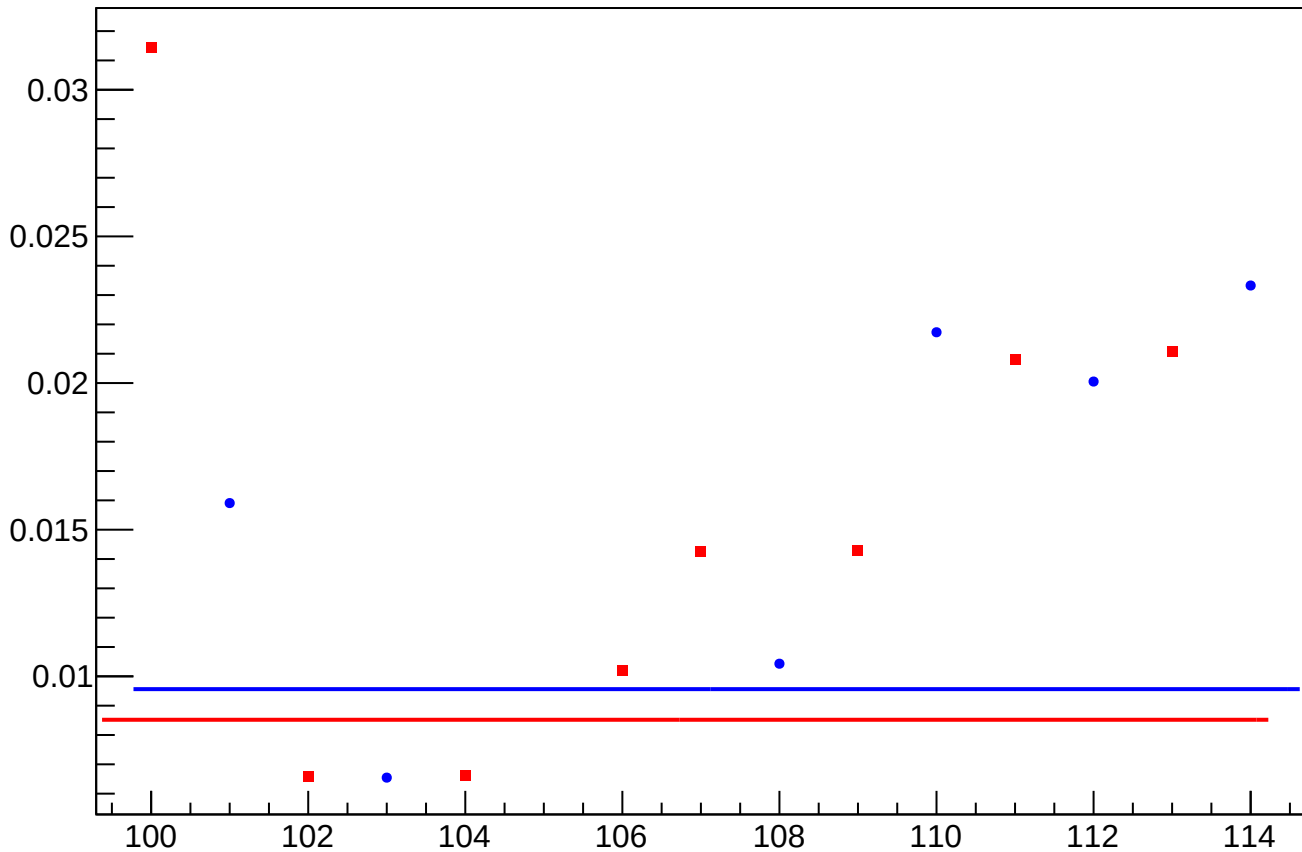
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1026611.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1163054.8/7

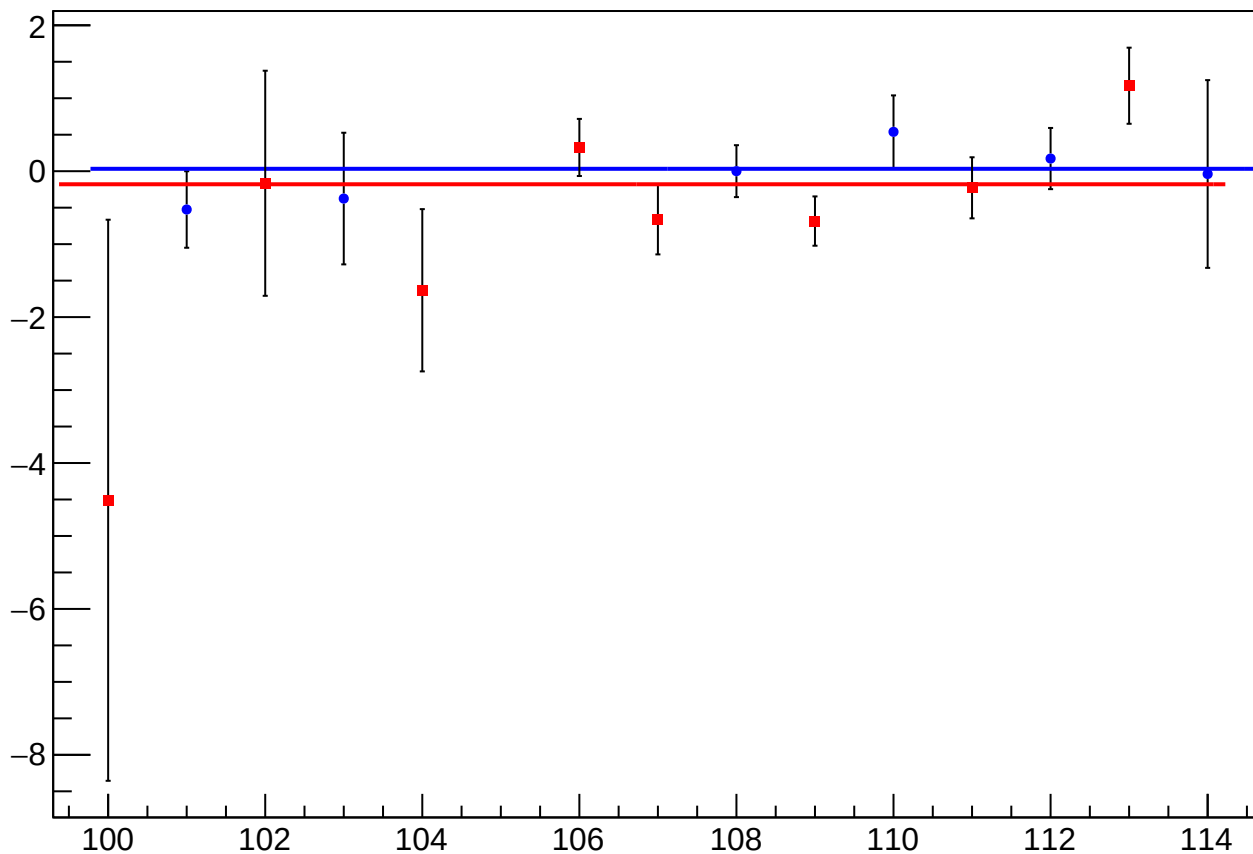
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 2219287.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.179+/-0.182 χ^2/NDF : 14.6/7

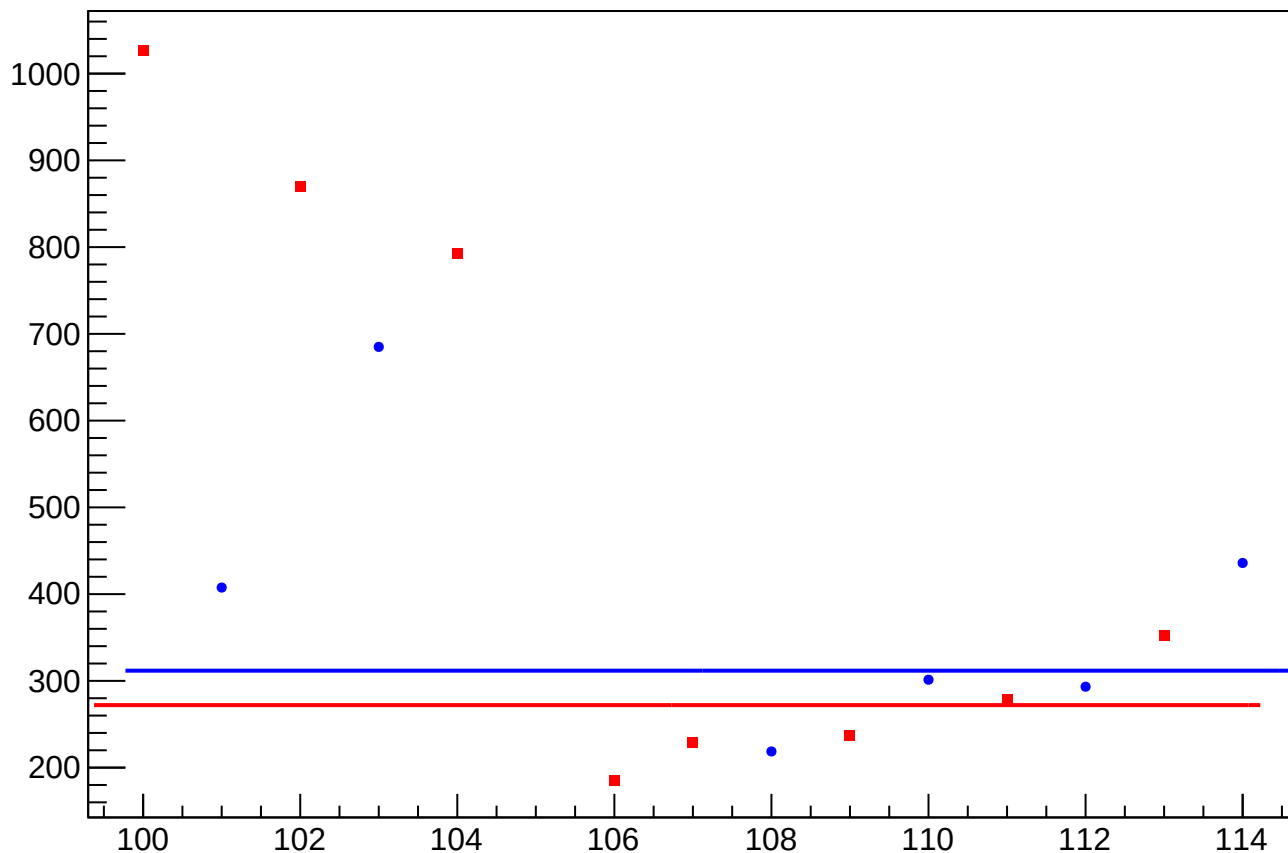
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.088+/-0.137 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 311.758+/-0.147 χ^2/NDF : 569358.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.075+/-0.128 χ^2/NDF : 999510.5/7

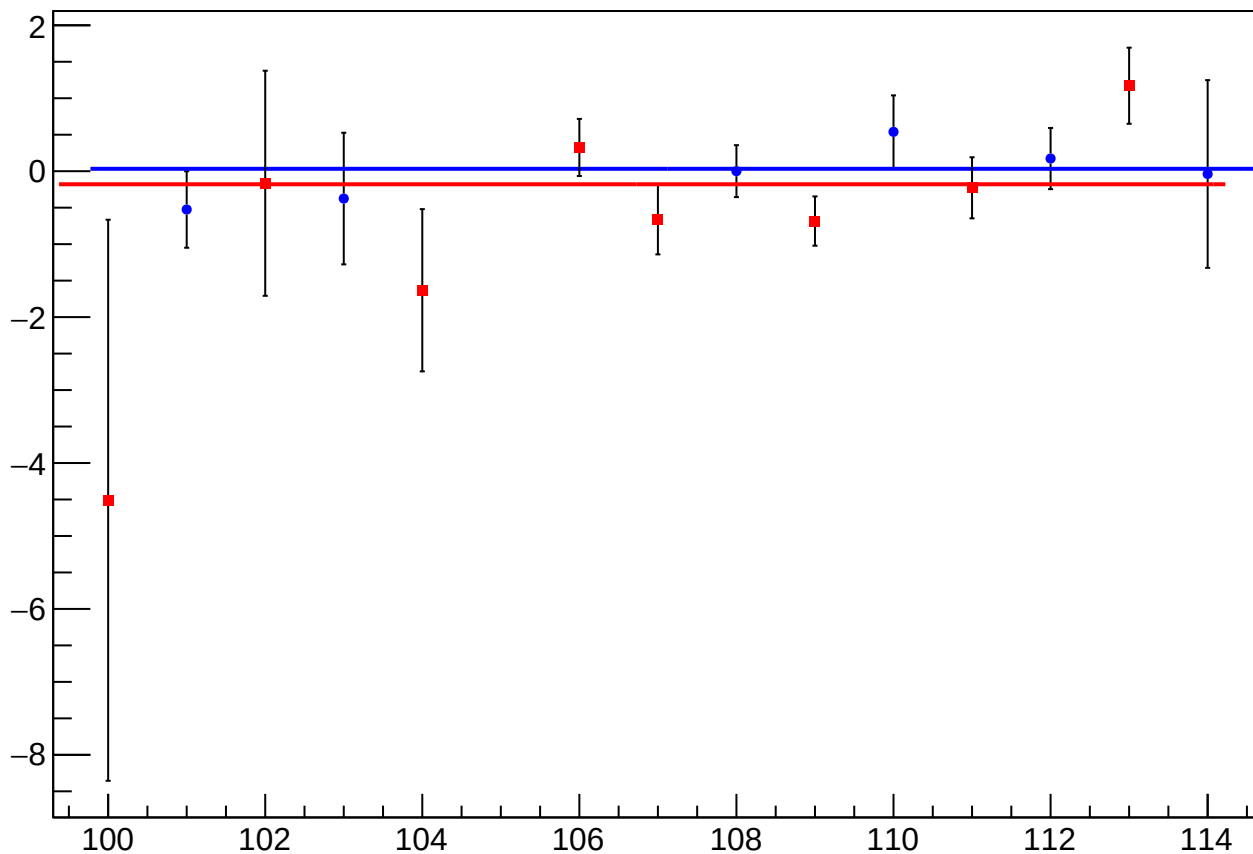
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.215+/-0.097 χ^2/NDF : 1610110.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.179+/-0.182 χ^2/NDF : 14.6/7

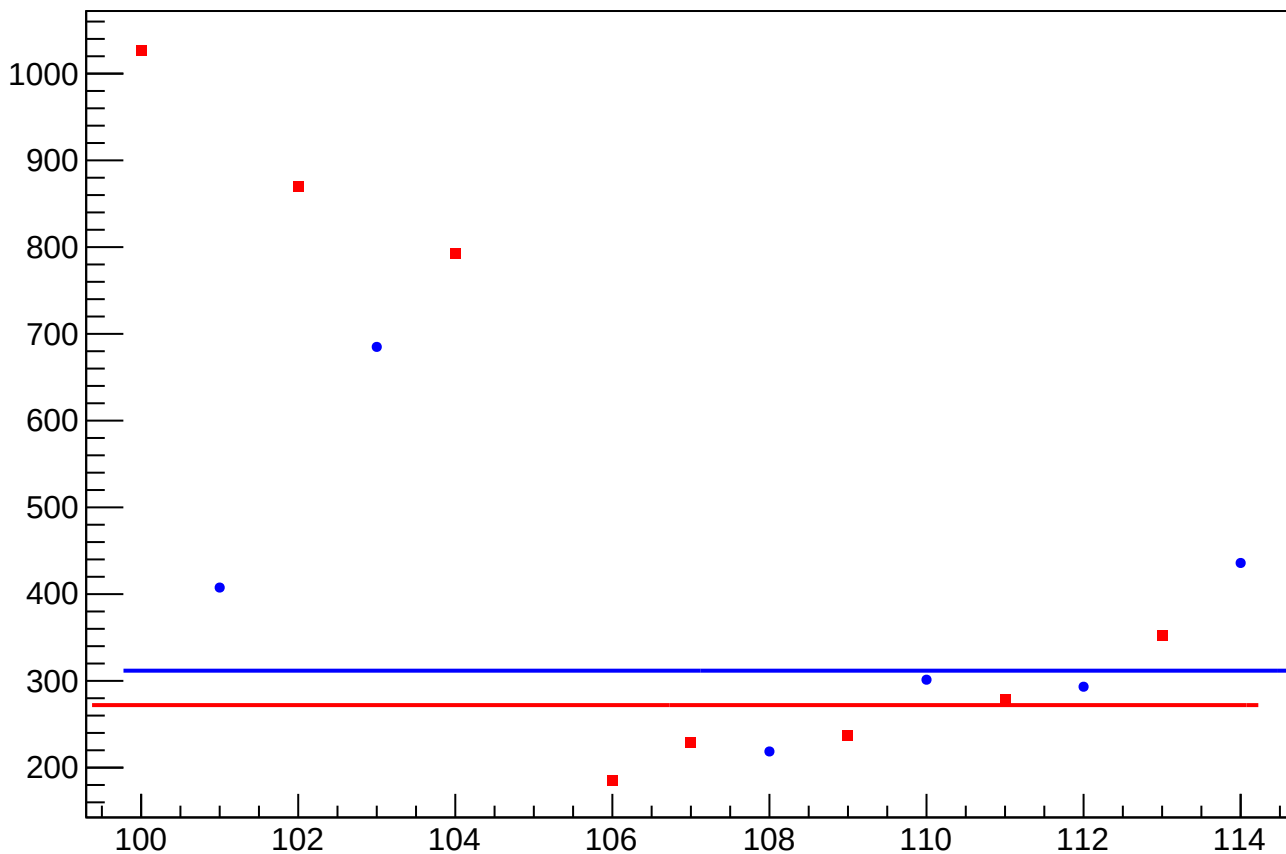
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.088+/-0.137 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 311.758+/-0.147 χ^2/NDF : 569358.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.075+/-0.128 χ^2/NDF : 999510.5/7

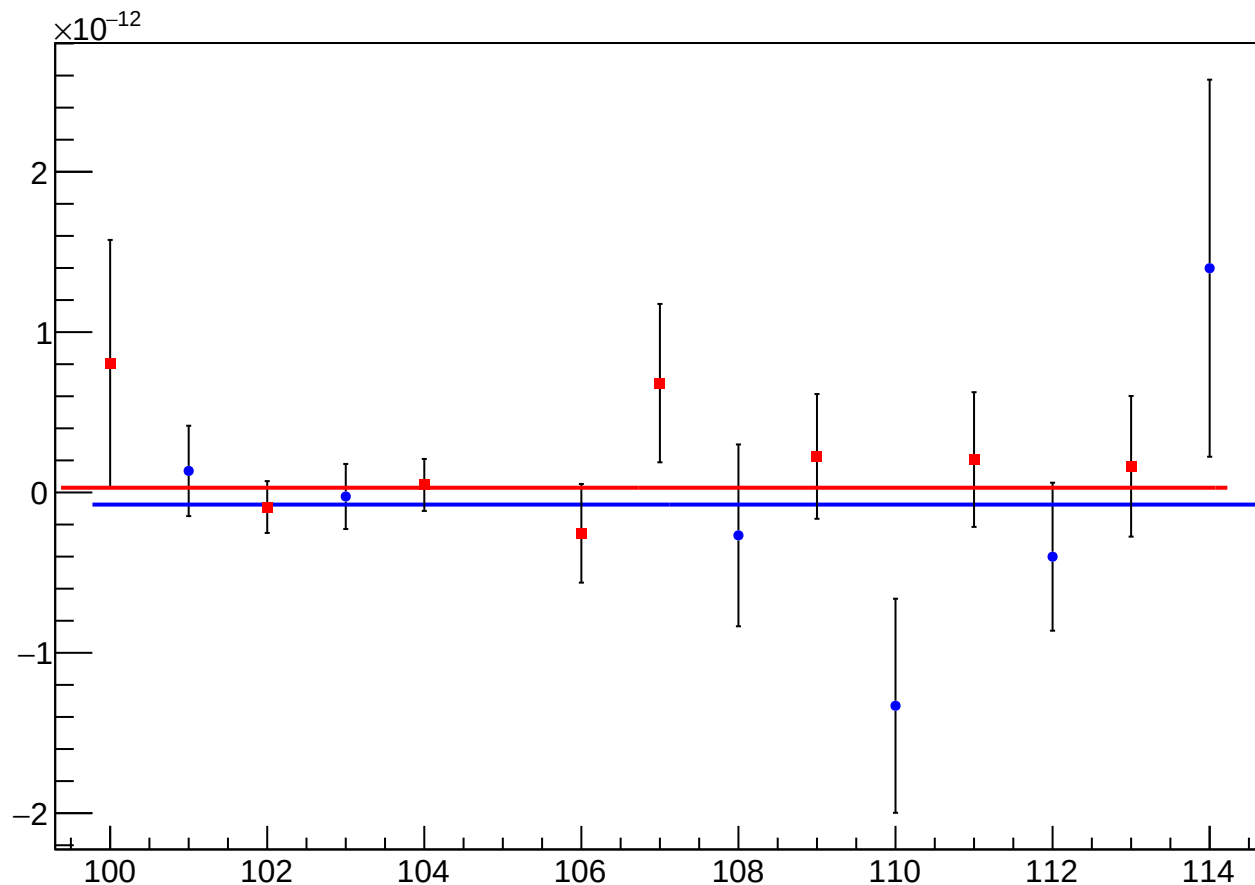
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.215+/-0.097 χ^2/NDF : 1610110.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 6.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 4.7/7

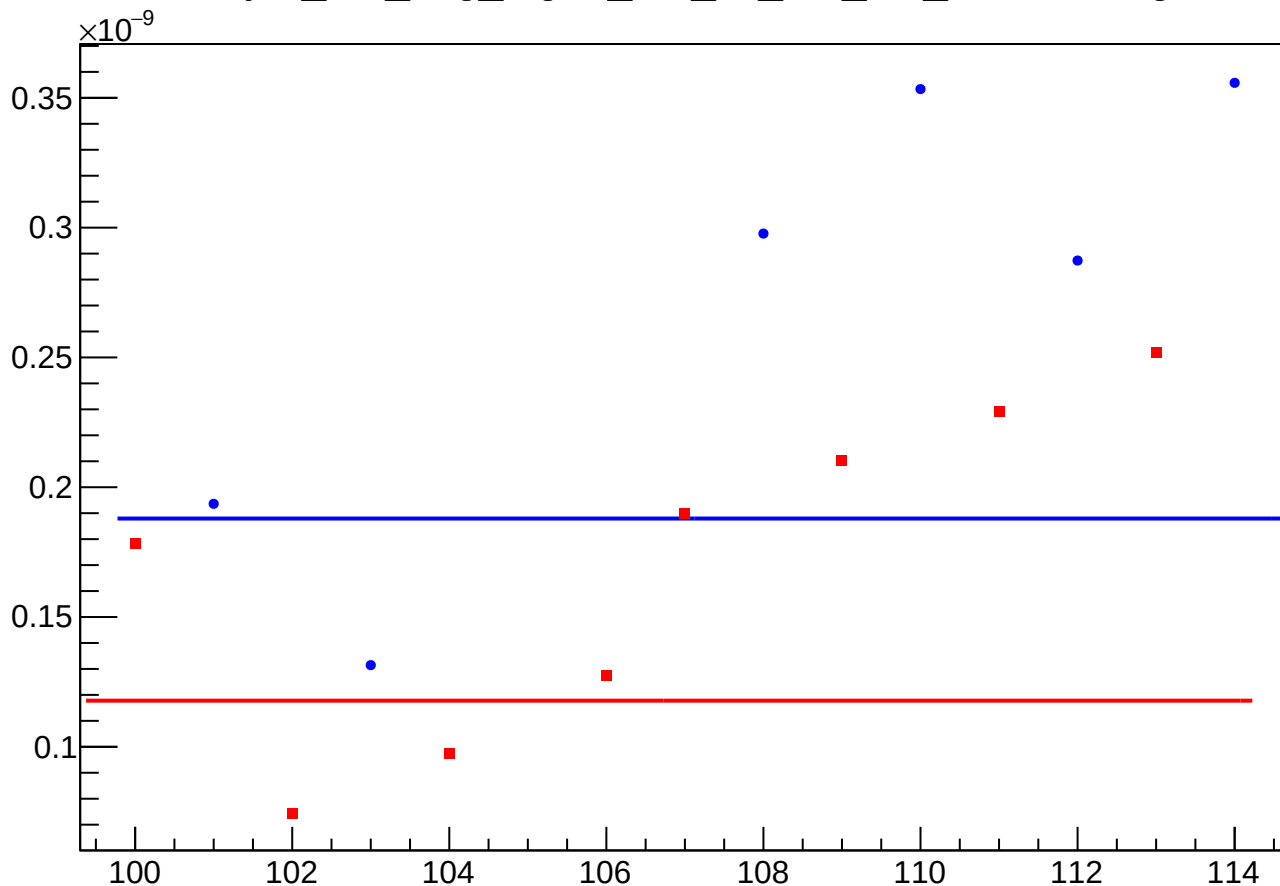
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 11.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 487172.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 674393.3/7

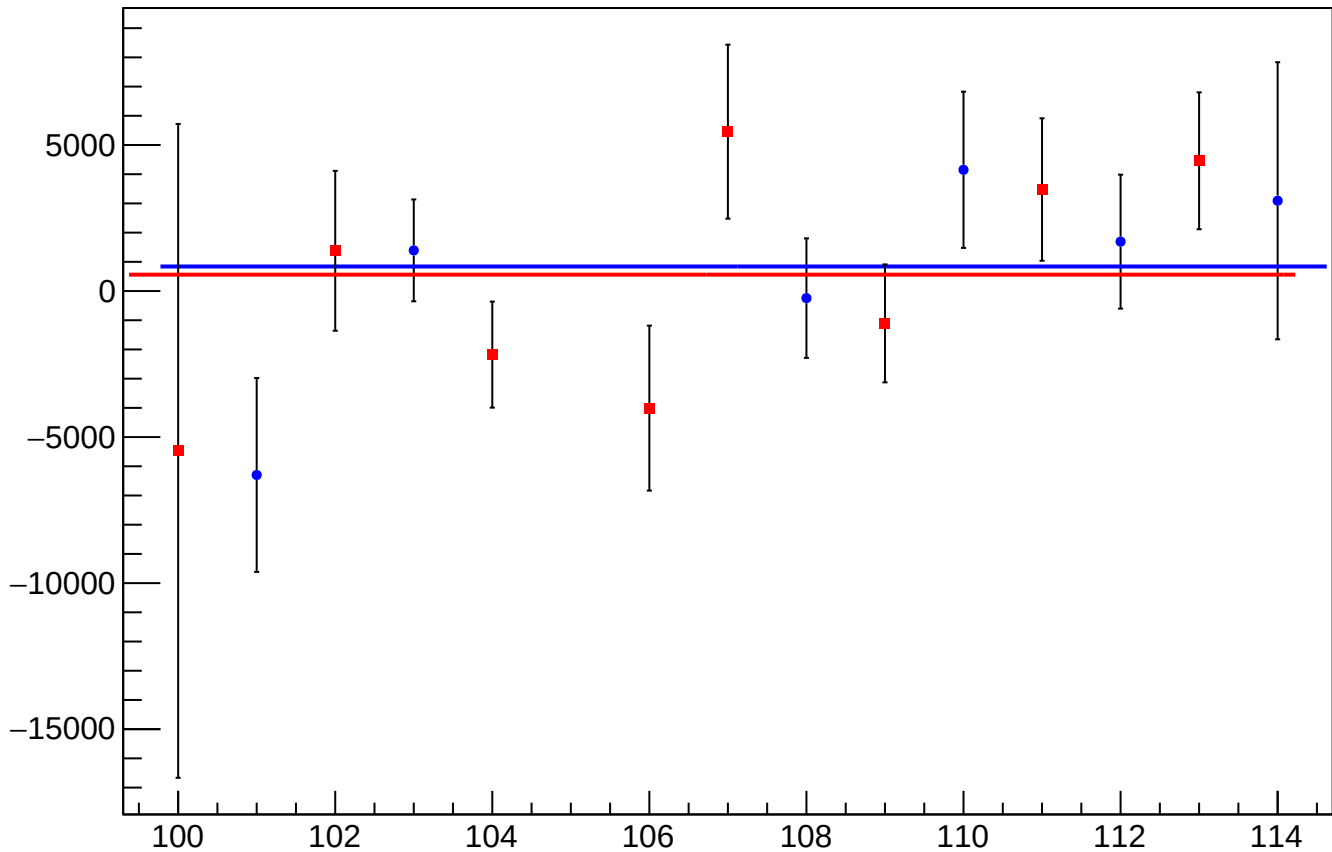
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1489022.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: 840.594+/-983.791 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.685+/-884.314 χ^2/NDF : 12.9/7

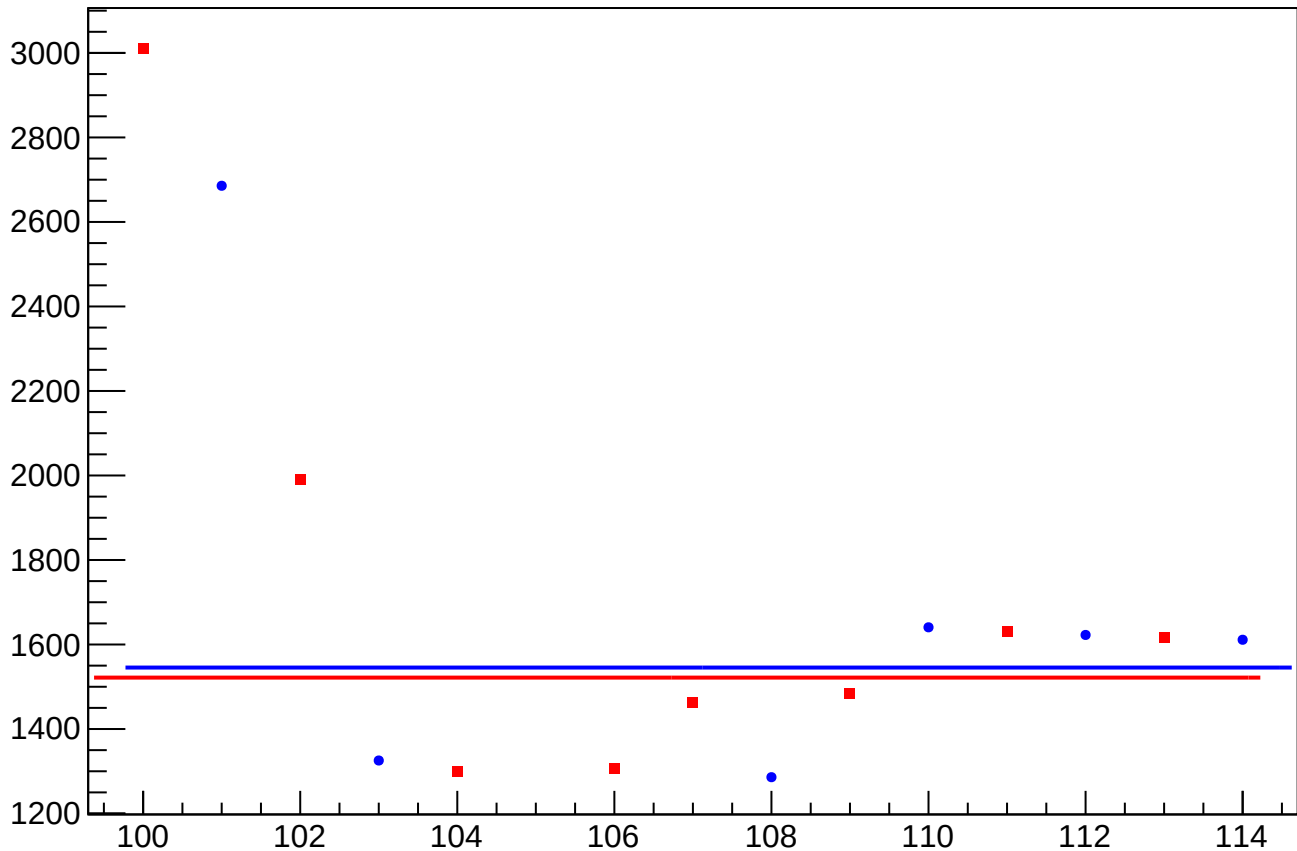
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.776+/-657.670 χ^2/NDF : 19.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1545.442 $\pm$ 0.696 χ^2 /NDF: 305119.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1521.666 $\pm$ 0.625 χ^2 /NDF: 143925.7/7

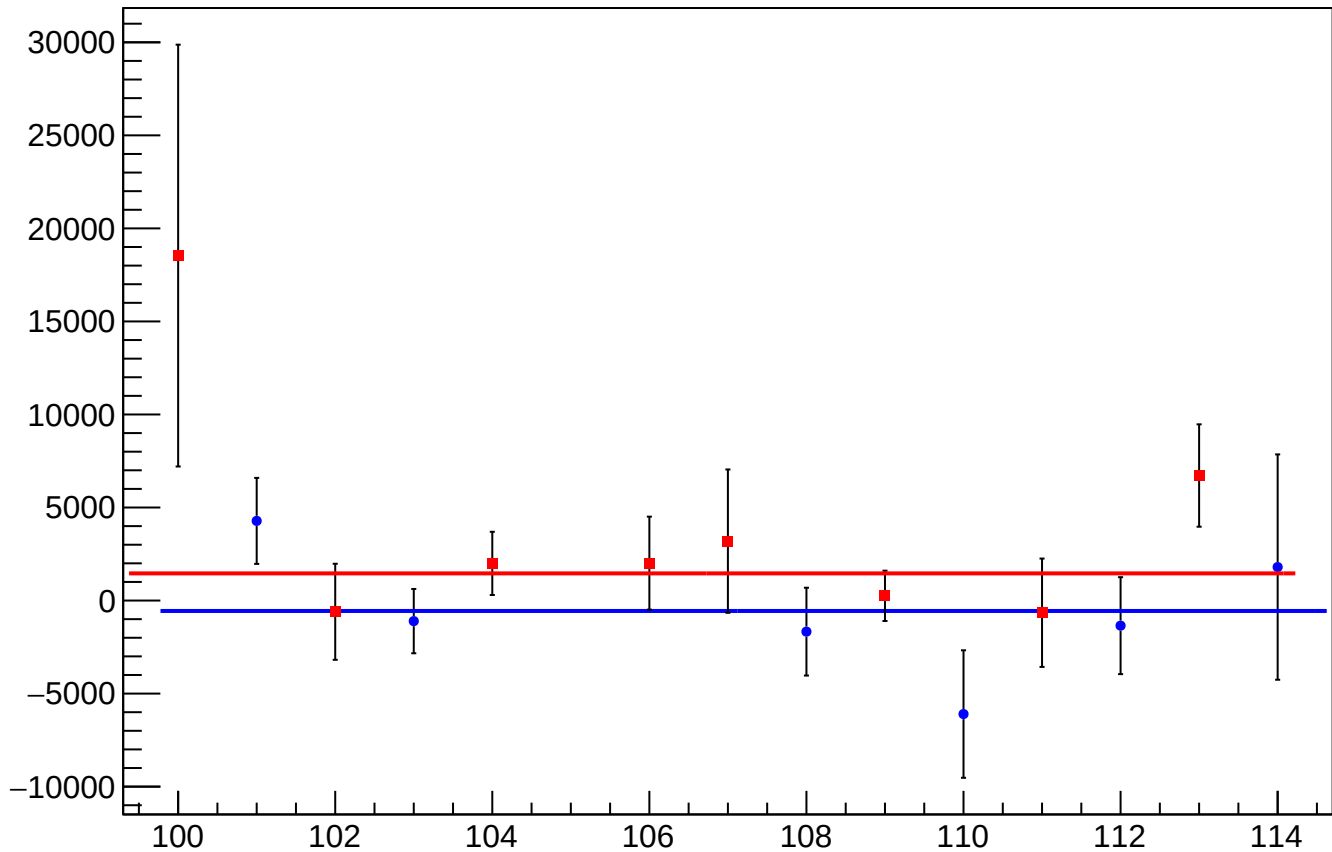
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1532.292 $\pm$ 0.465 χ^2 /NDF: 449690.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: -559.688+/-1019.746 χ^2/NDF : 7.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1459.769+/-808.665 χ^2/NDF : 8.2/7

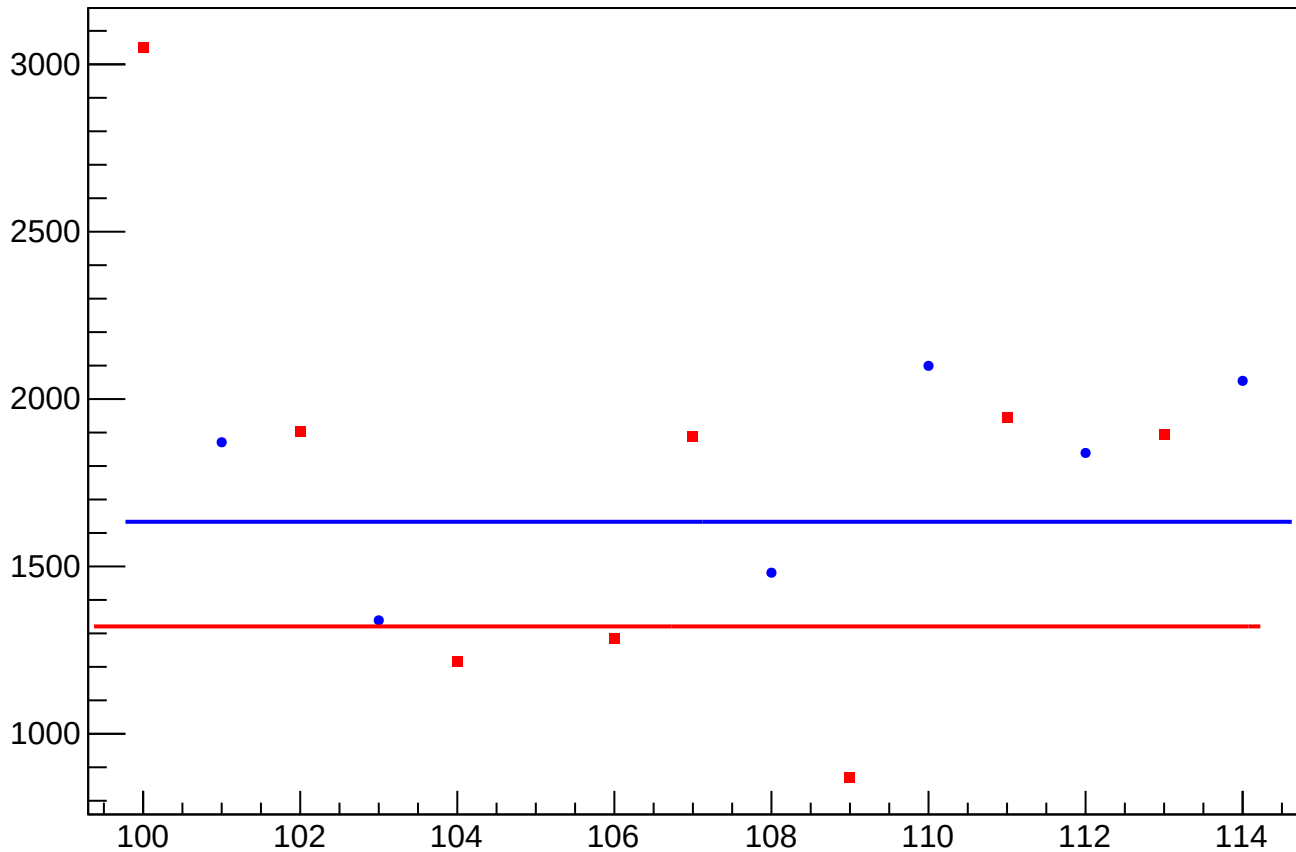
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 680.110+/-633.617 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1633.412 $\pm$ 0.721 χ^2 /NDF: 146648.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1320.863 $\pm$ 0.572 χ^2 /NDF: 601538.8/7

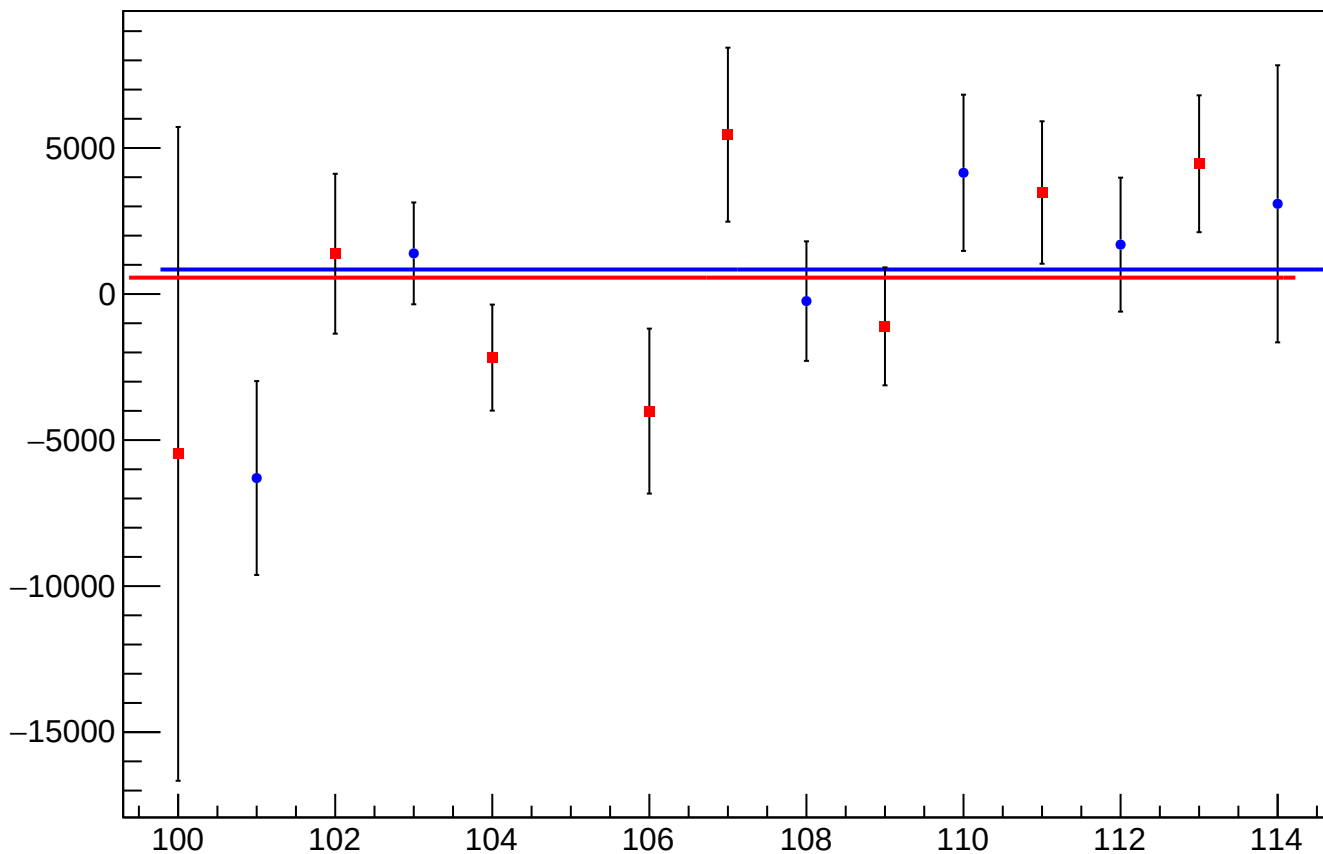
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1441.530 $\pm$ 0.448 χ^2 /NDF: 863532.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_mean vs Slug



Right In: 840.226+/-983.792 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.227+/-884.314 χ^2/NDF : 12.9/7

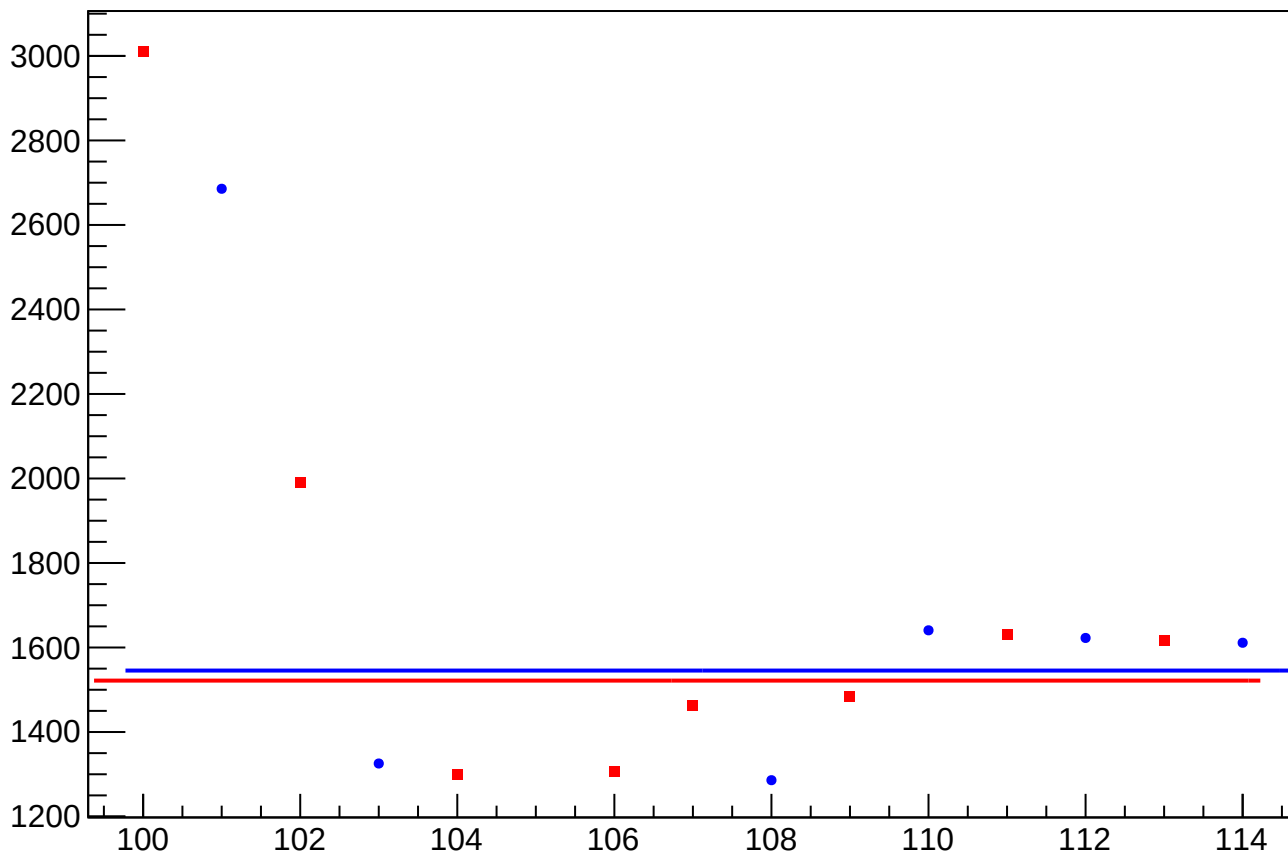
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.912+/-657.670 χ^2/NDF : 19.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1545.441 $\pm$ 0.696 χ^2 /NDF: 305119.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1521.666 $\pm$ 0.625 χ^2 /NDF: 143925.5/7

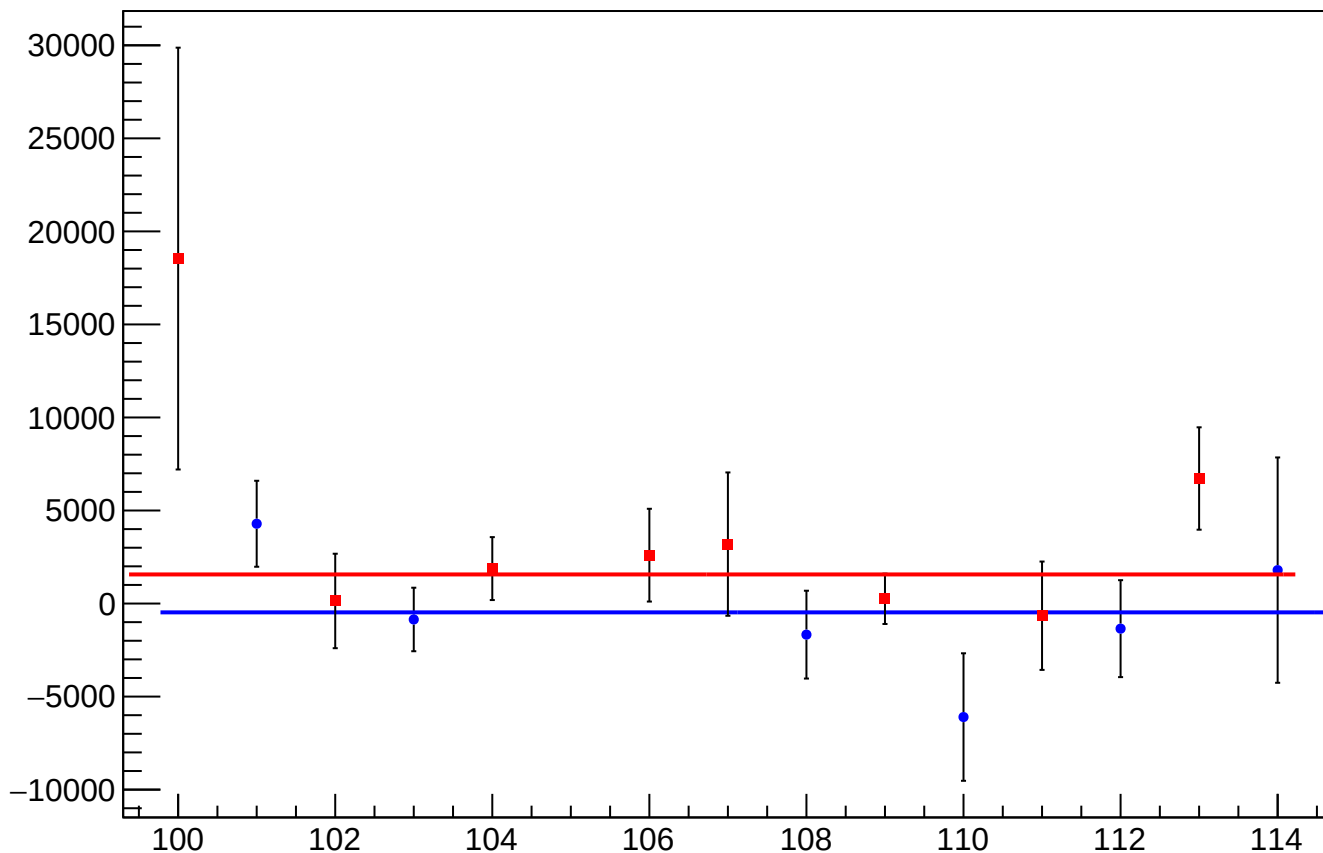
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1532.291 $\pm$ 0.465 χ^2 /NDF: 449690.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



Right In: -474.073+/-1015.259 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.392+/-806.316 χ^2/NDF : 8.0/7

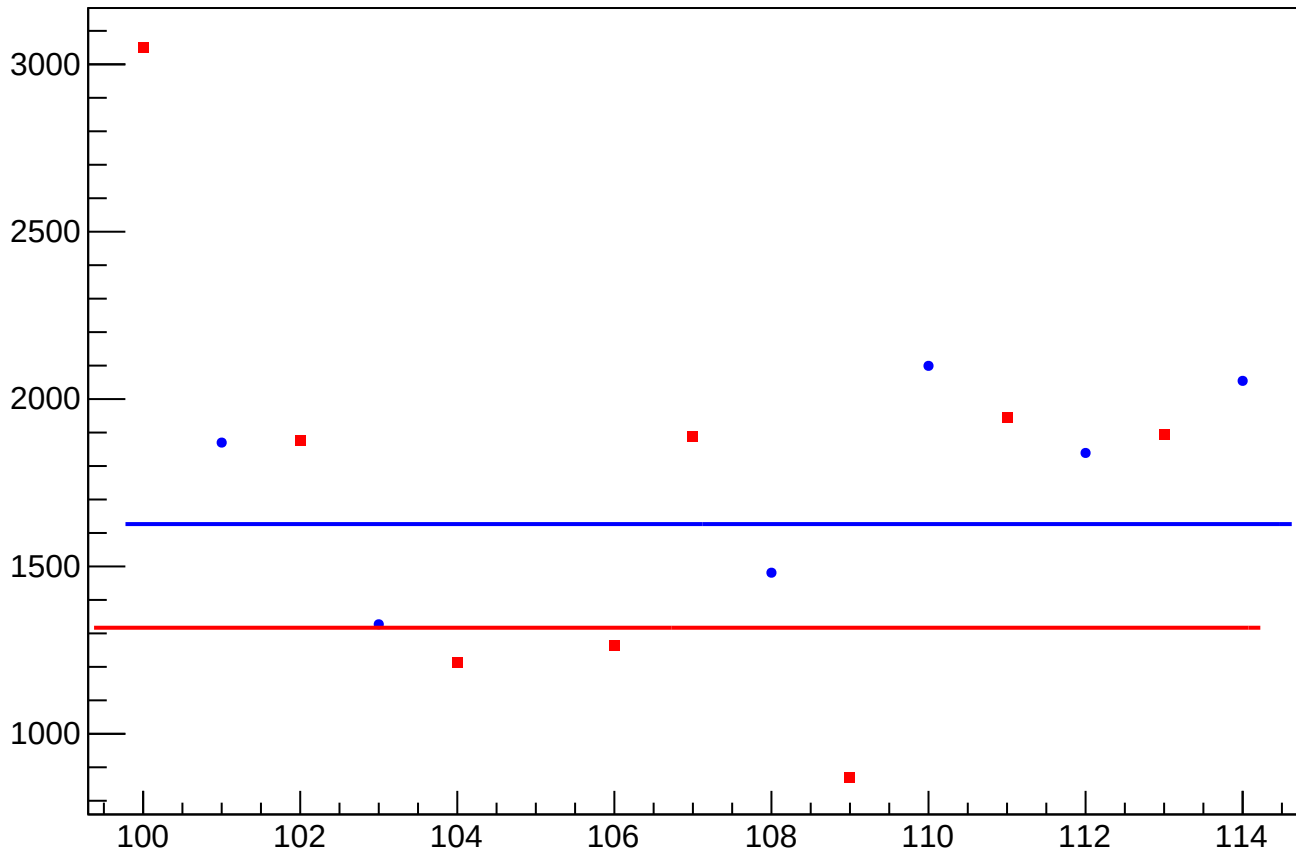
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.945+/-631.410 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1626.565 $\pm$ 0.718 χ^2 /NDF: 152714.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1316.927 $\pm$ 0.570 χ^2 /NDF: 595745.1/7

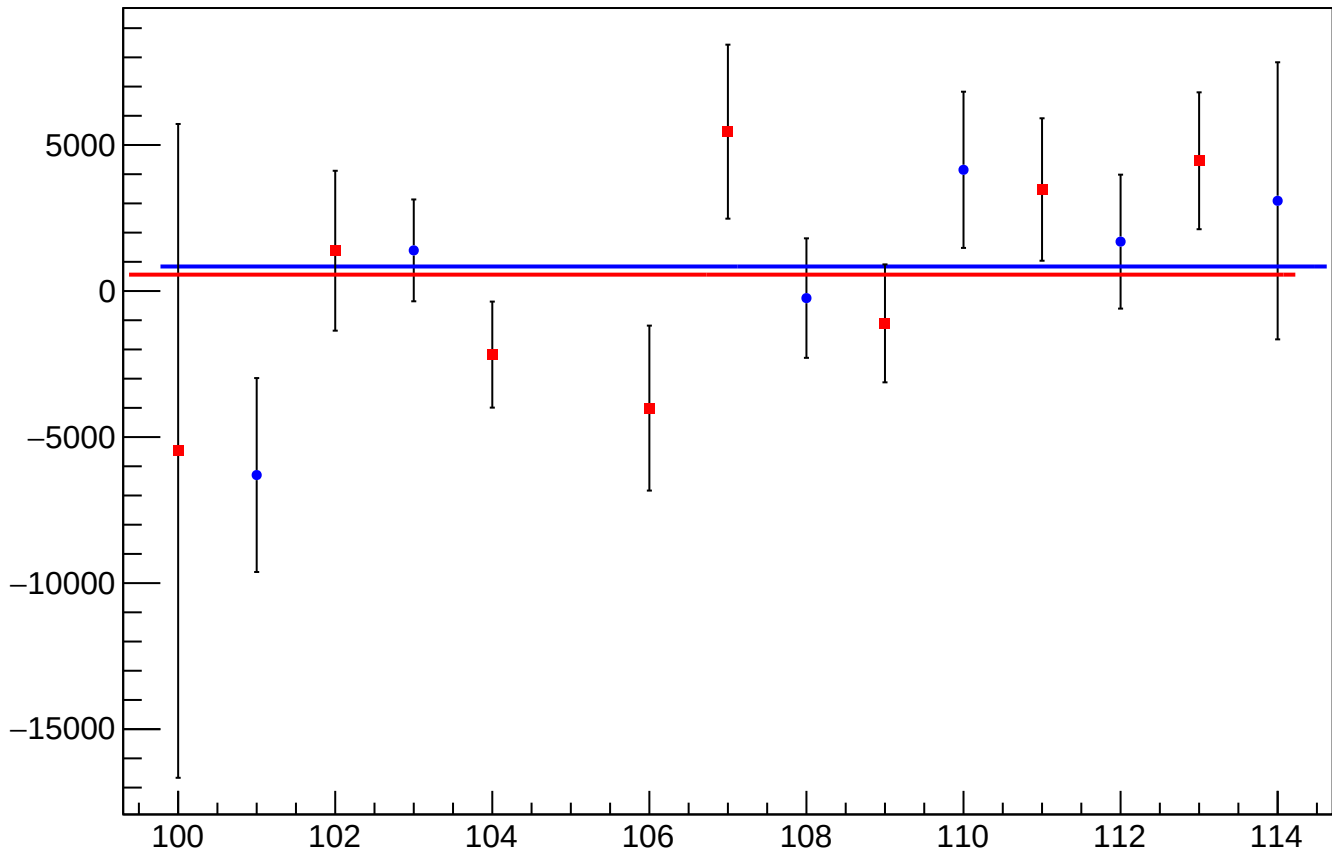
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1436.690 $\pm$ 0.446 χ^2 /NDF: 862537.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 840.226+/-983.792 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.227+/-884.314 χ^2/NDF : 12.9/7

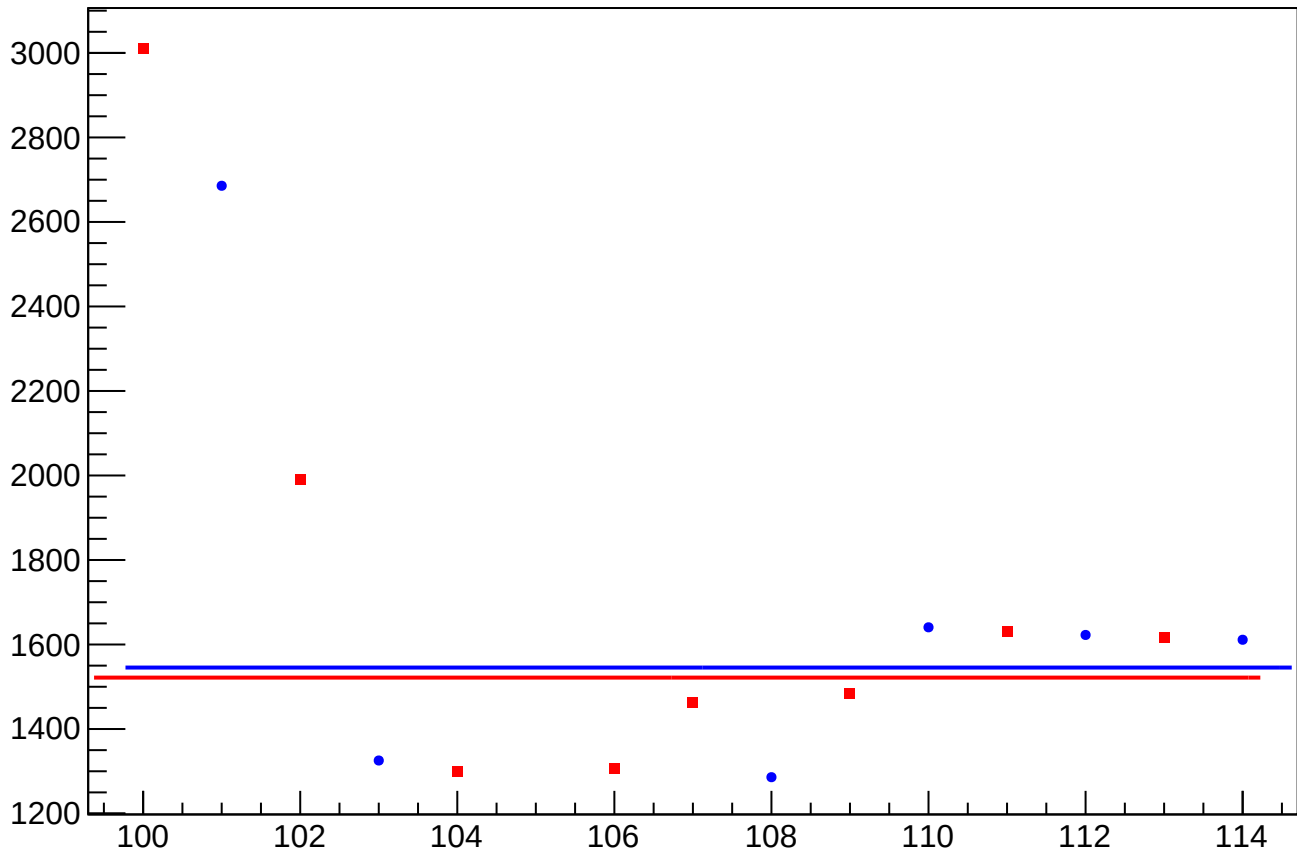
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.912+/-657.670 χ^2/NDF : 19.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1545.441+/-0.696 χ^2/NDF : 305119.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1521.666+/-0.625 χ^2/NDF : 143925.5/7

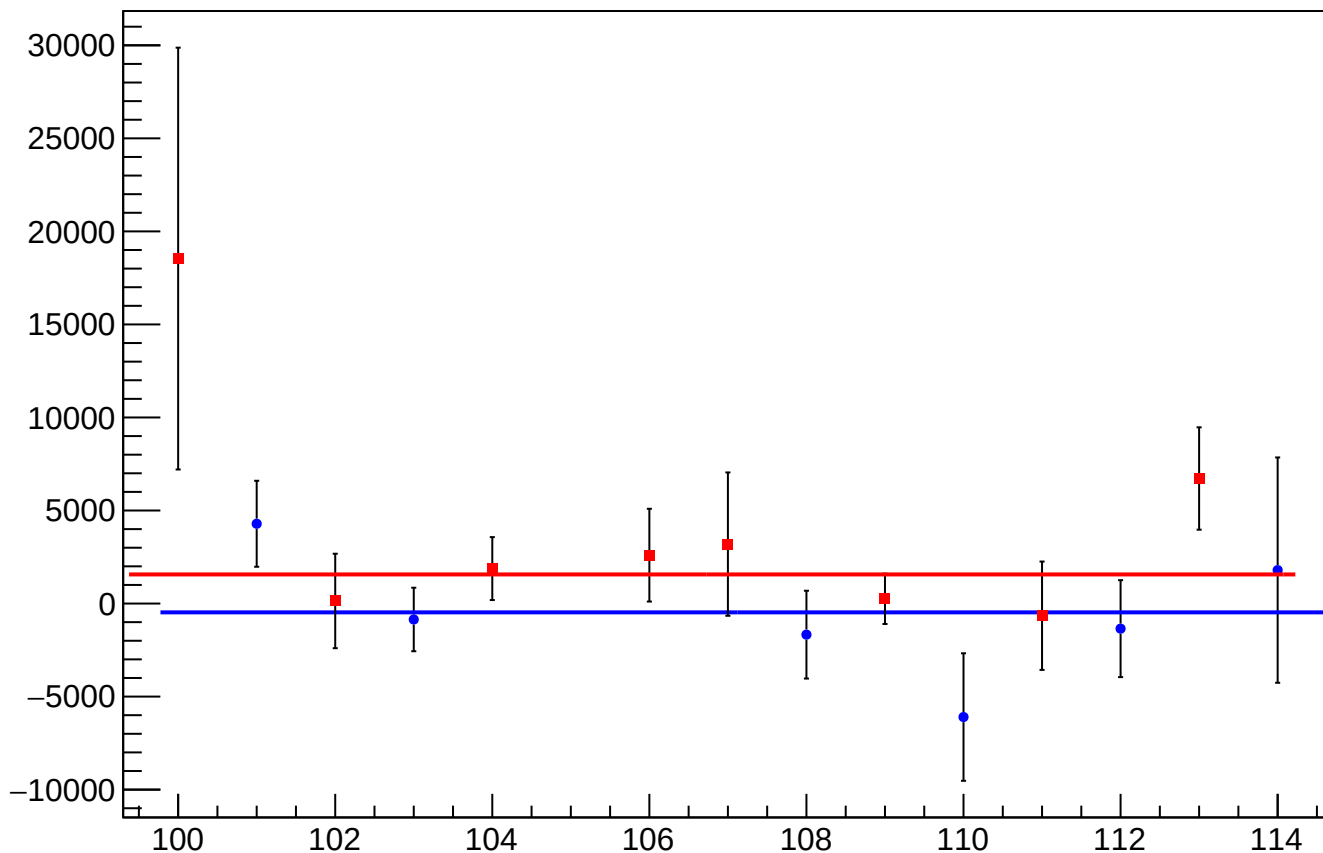
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.291+/-0.465 χ^2/NDF : 449690.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



Right In: -474.073+/-1015.259 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.392+/-806.316 χ^2/NDF : 8.0/7

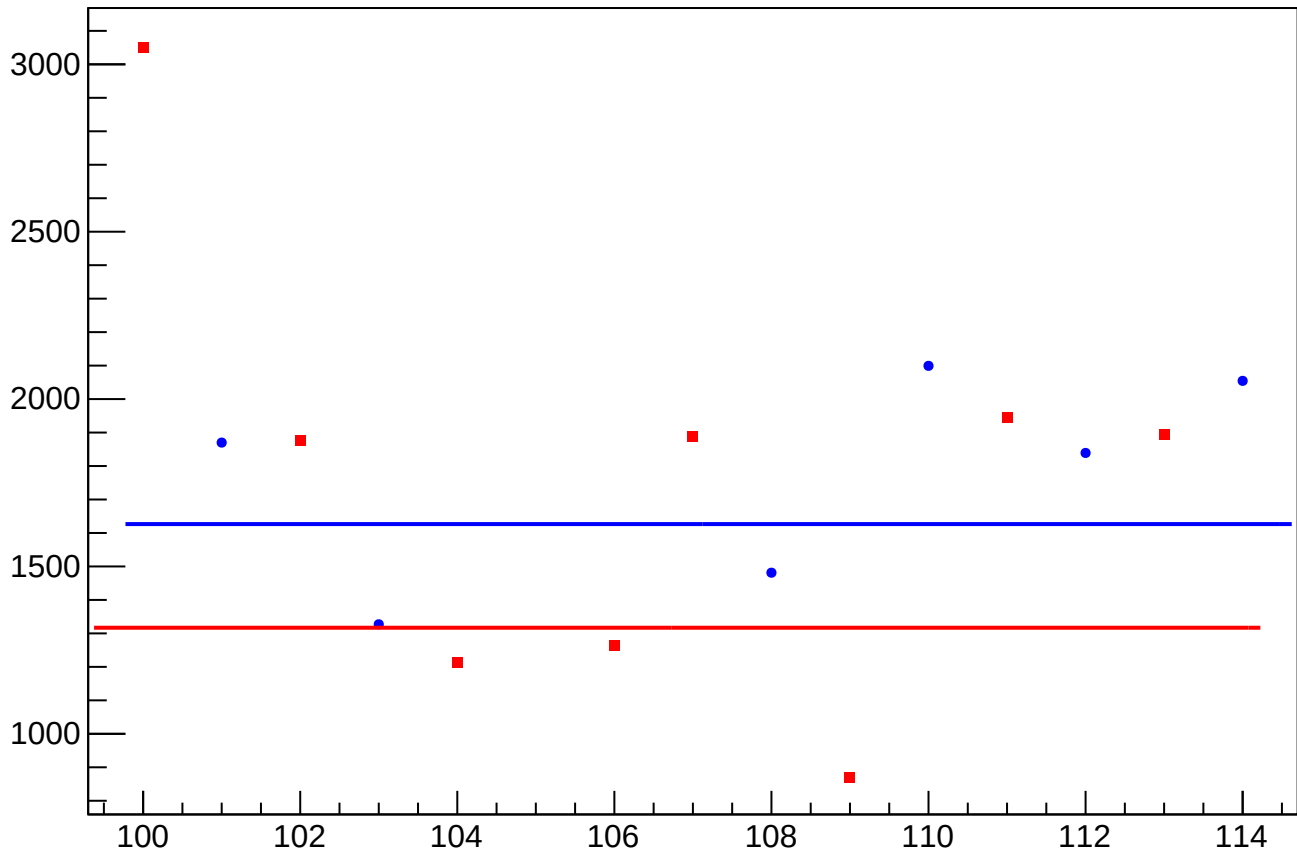
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.945+/-631.410 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1626.565 $\pm$ 0.718 χ^2 /NDF: 152714.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1316.927 $\pm$ 0.570 χ^2 /NDF: 595745.1/7

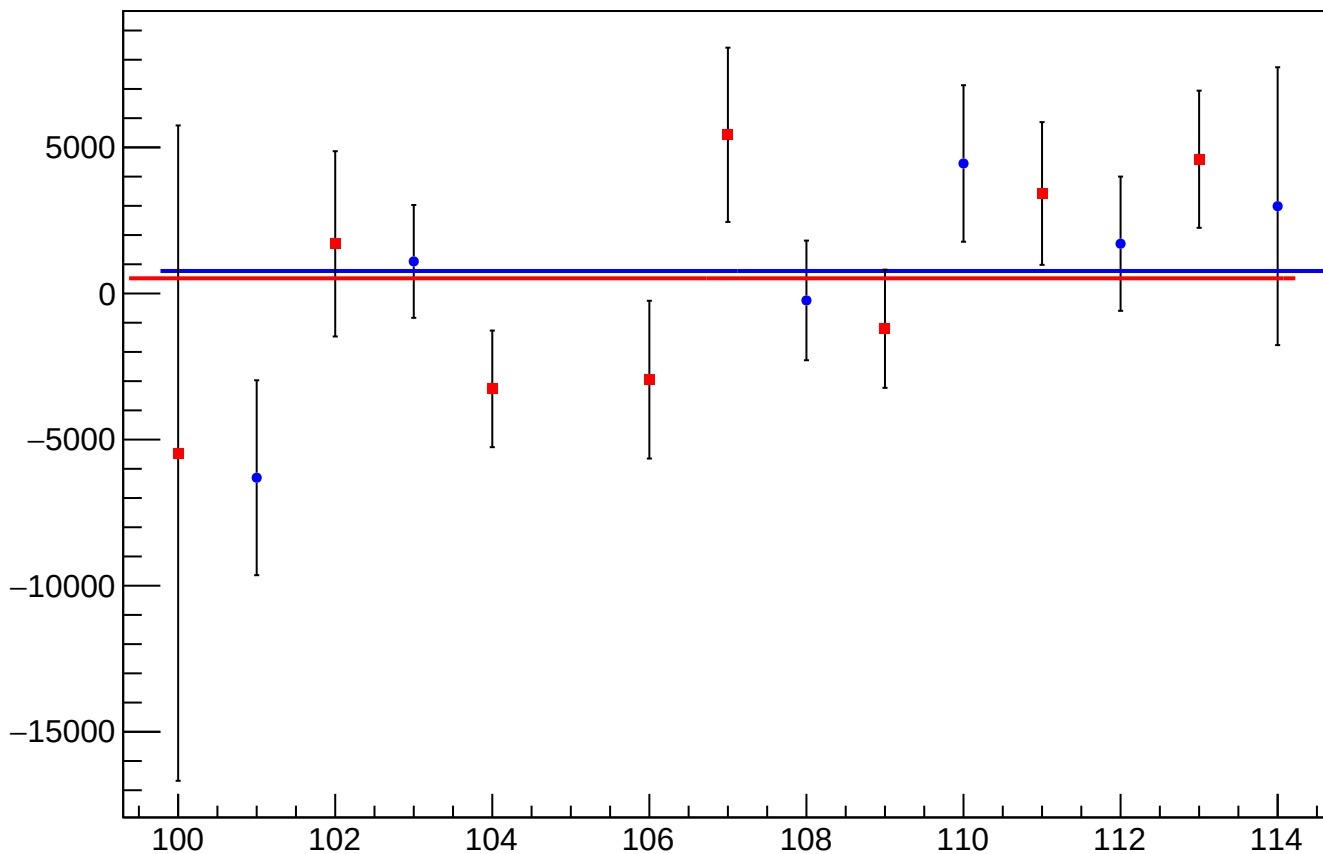
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1436.690 $\pm$ 0.446 χ^2 /NDF: 862537.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 769.830 $\pm$ 1015.519 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 519.758 $\pm$ 912.113 χ^2 /NDF: 13.5/7

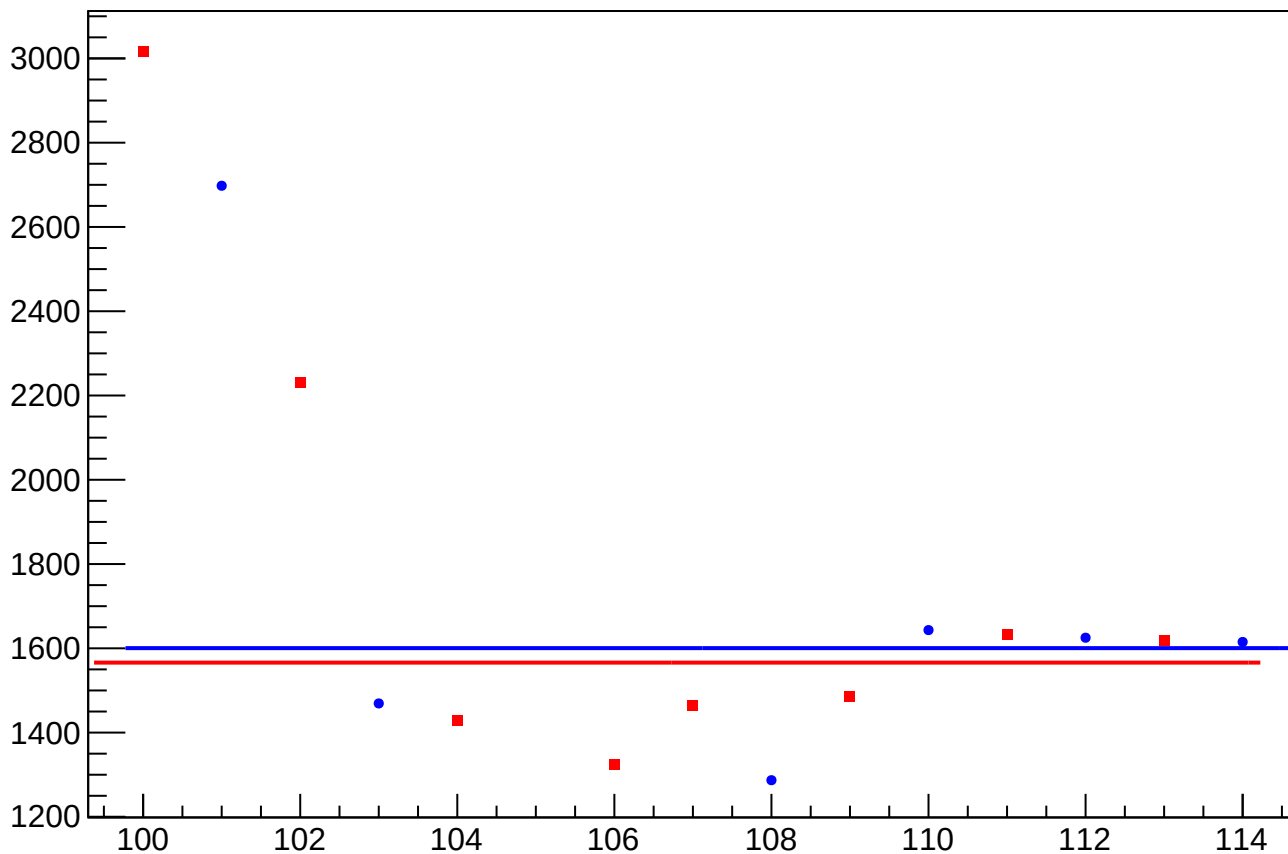
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 631.418 $\pm$ 678.584 χ^2 /NDF: 20.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1600.458 $\pm$ 0.718 χ^2 /NDF: 273329.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1566.105 $\pm$ 0.645 χ^2 /NDF: 154376.4/7

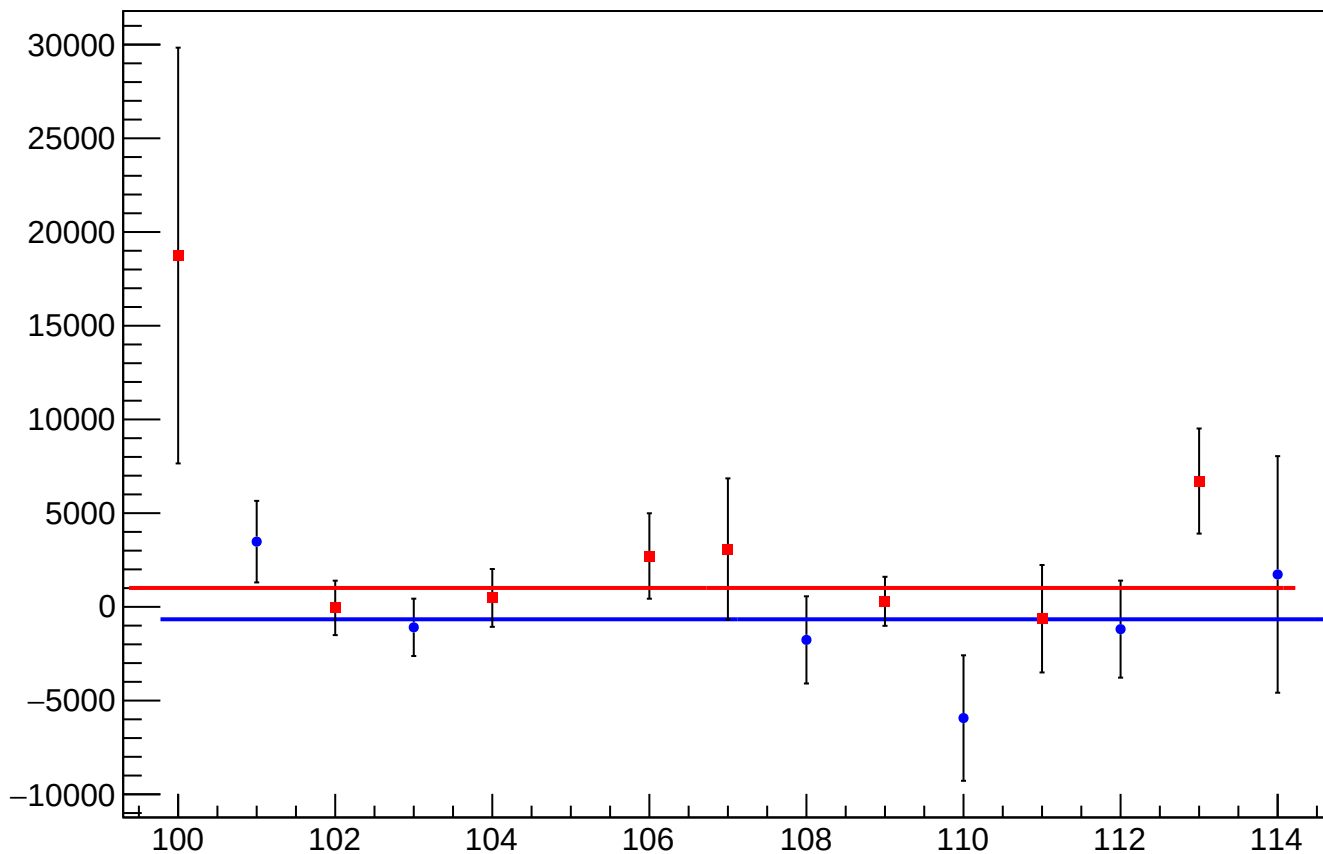
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1581.444 $\pm$ 0.480 χ^2 /NDF: 428972.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: -662.701+/-959.136 χ^2 /NDF: 6.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1008.996+/-707.397 χ^2 /NDF: 8.8/7

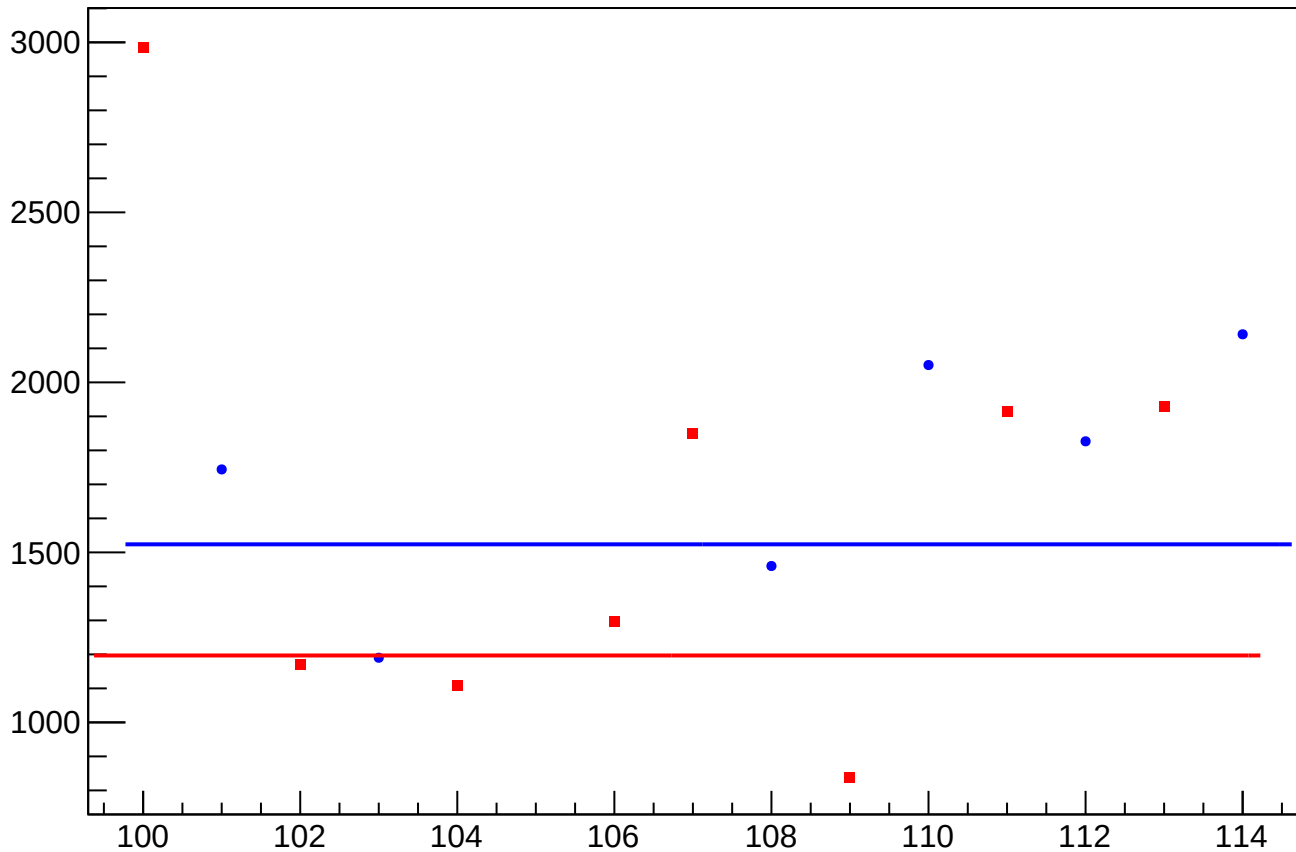
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 420.033+/-569.306 χ^2 /NDF: 17.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1523.703+/-0.678 χ^2/NDF : 213252.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1196.813+/-0.500 χ^2/NDF : 535353.3/7

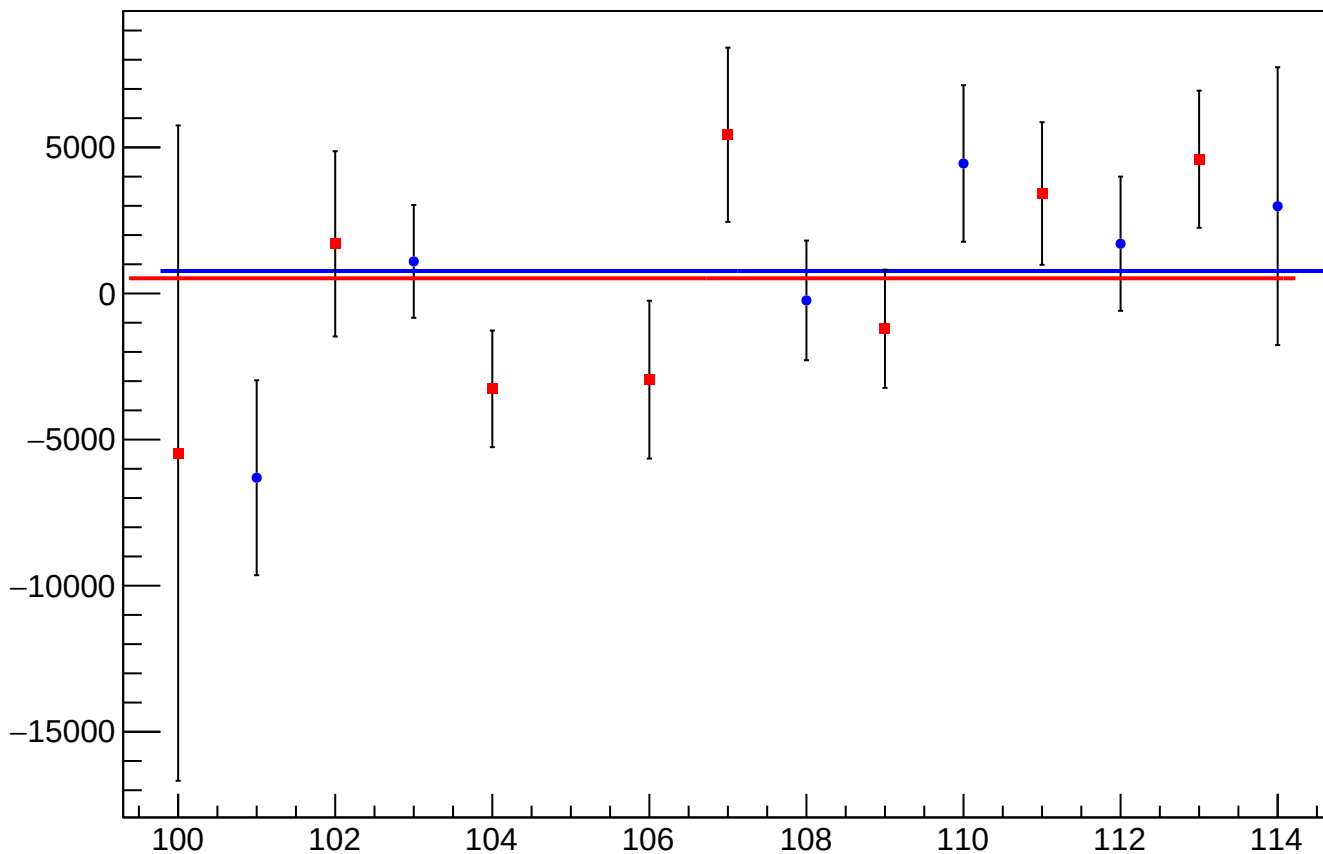
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.981+/-0.403 χ^2/NDF : 899071.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 769.823 $\pm$ 1015.519 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 519.758 $\pm$ 912.113 χ^2 /NDF: 13.5/7

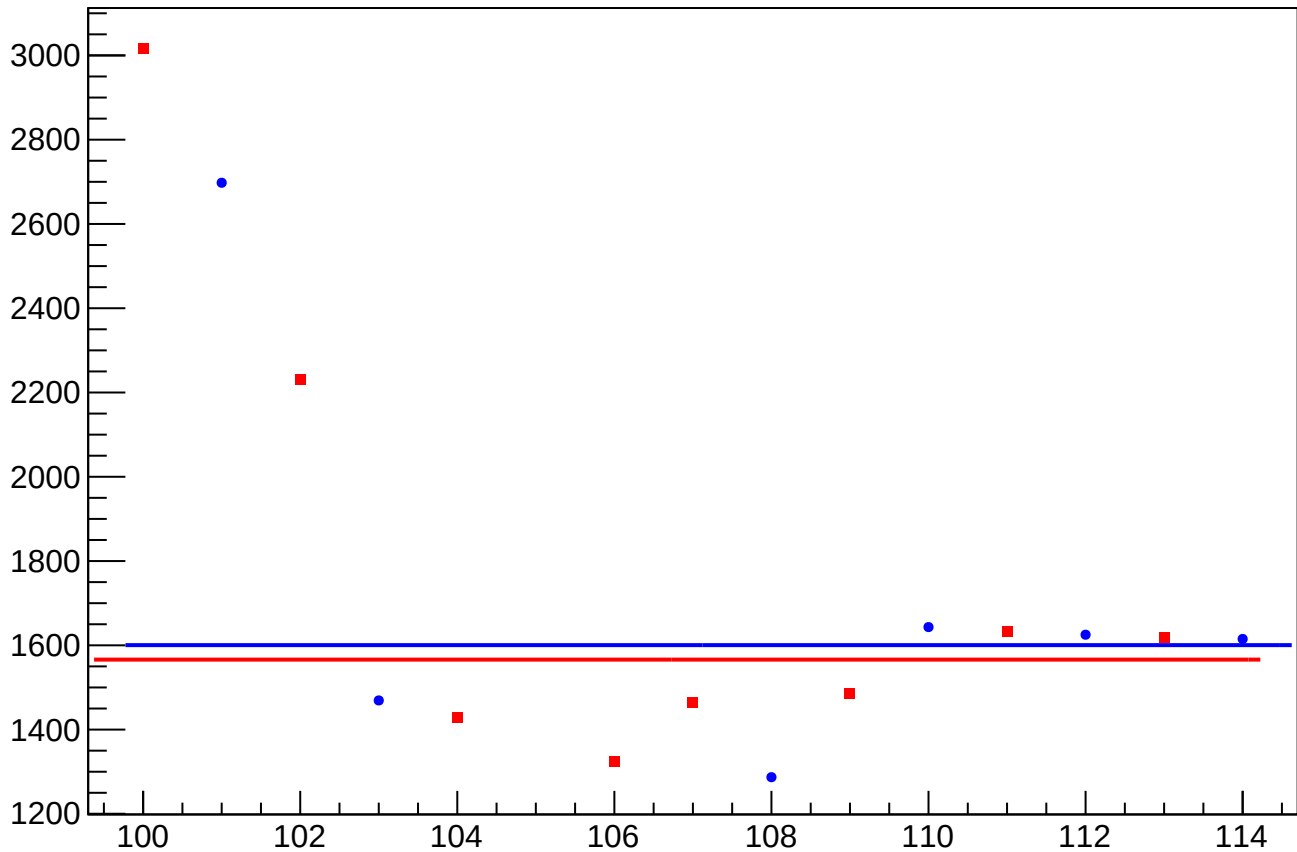
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 631.414 $\pm$ 678.584 χ^2 /NDF: 20.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1600.459+/-0.718 χ^2/NDF : 273329.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.105+/-0.645 χ^2/NDF : 154376.4/7

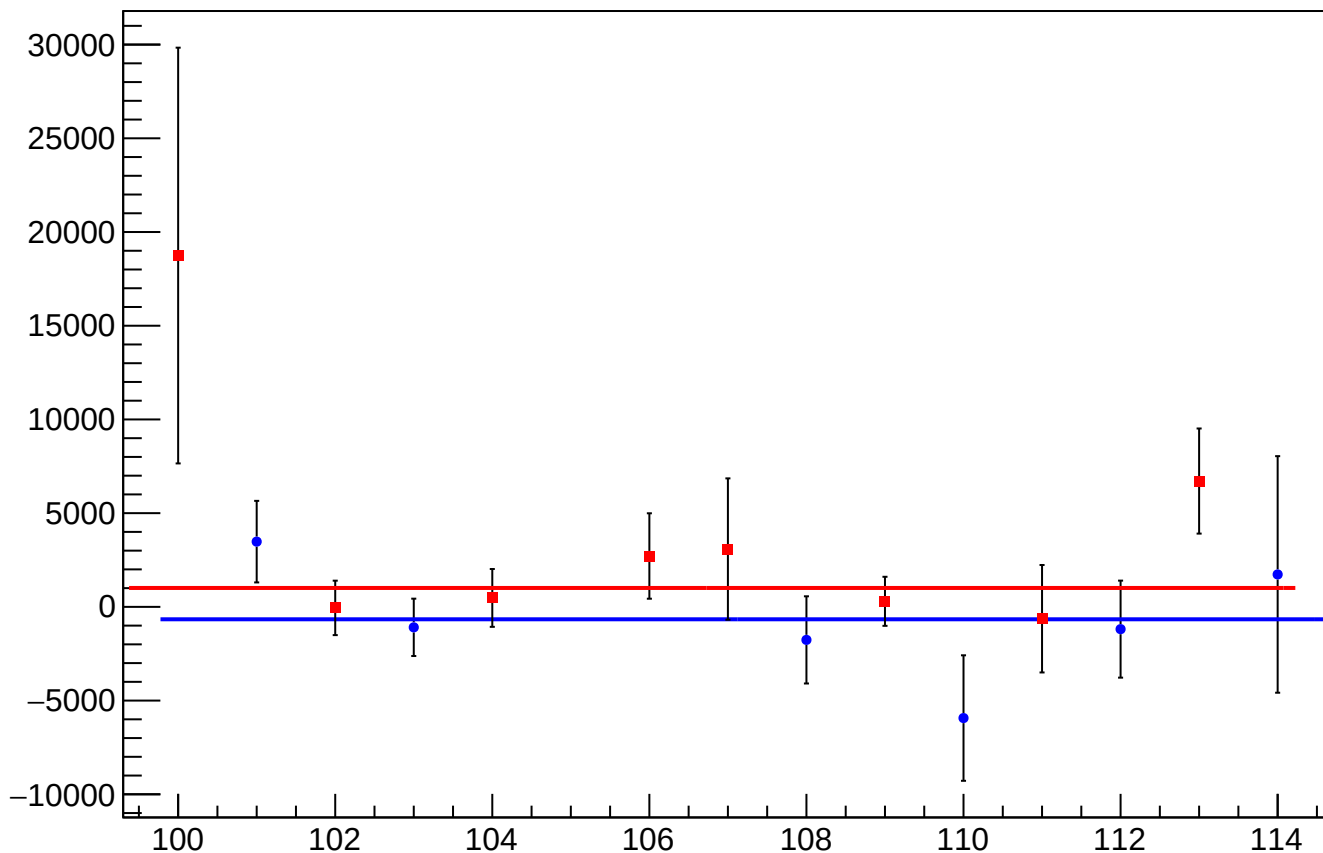
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.444+/-0.480 χ^2/NDF : 428972.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_mean vs Slug



Right In: -662.701+/-959.134 χ^2 /NDF: 6.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1009.000+/-707.399 χ^2 /NDF: 8.8/7

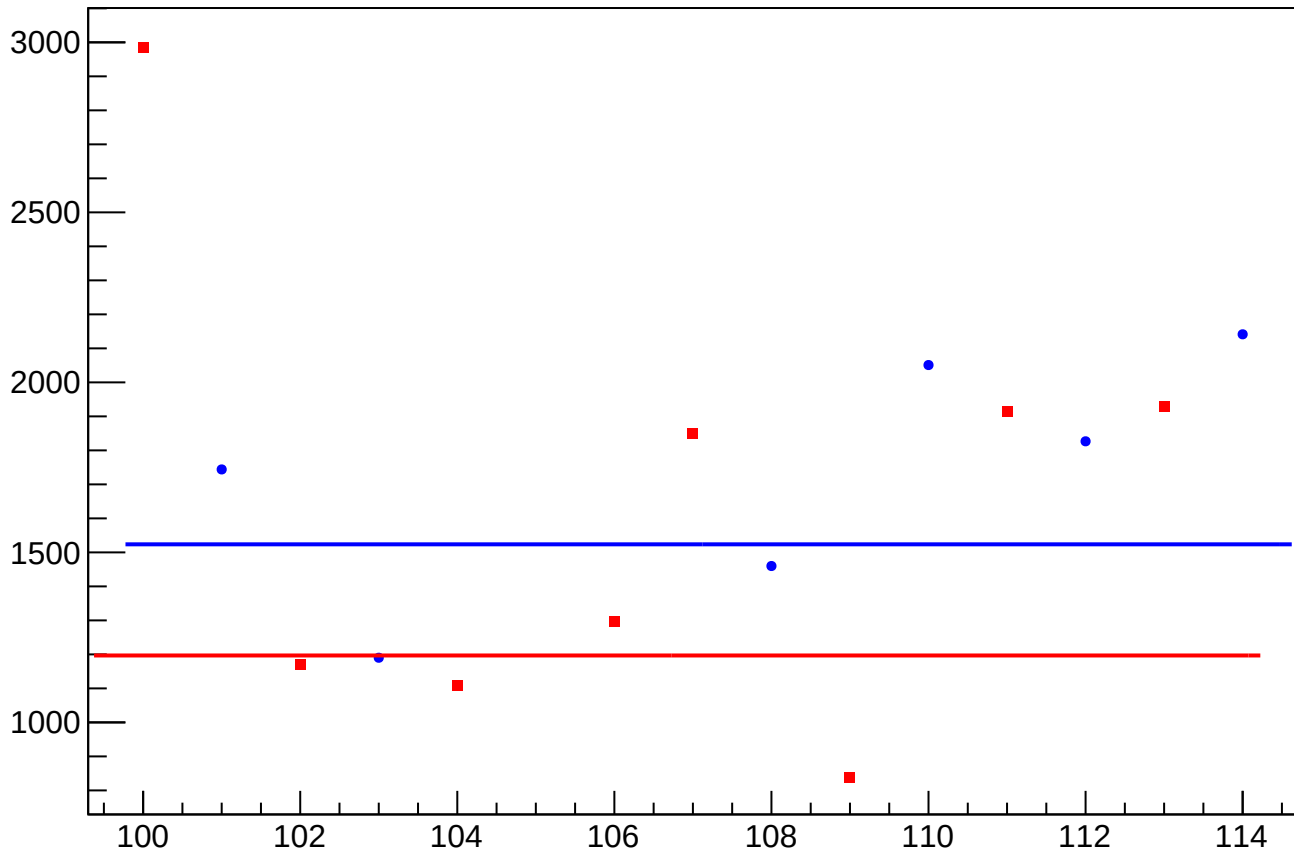
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 420.032+/-569.306 χ^2 /NDF: 17.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1523.700+/-0.678 χ^2/NDF : 213249.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1196.819+/-0.500 χ^2/NDF : 535338.1/7

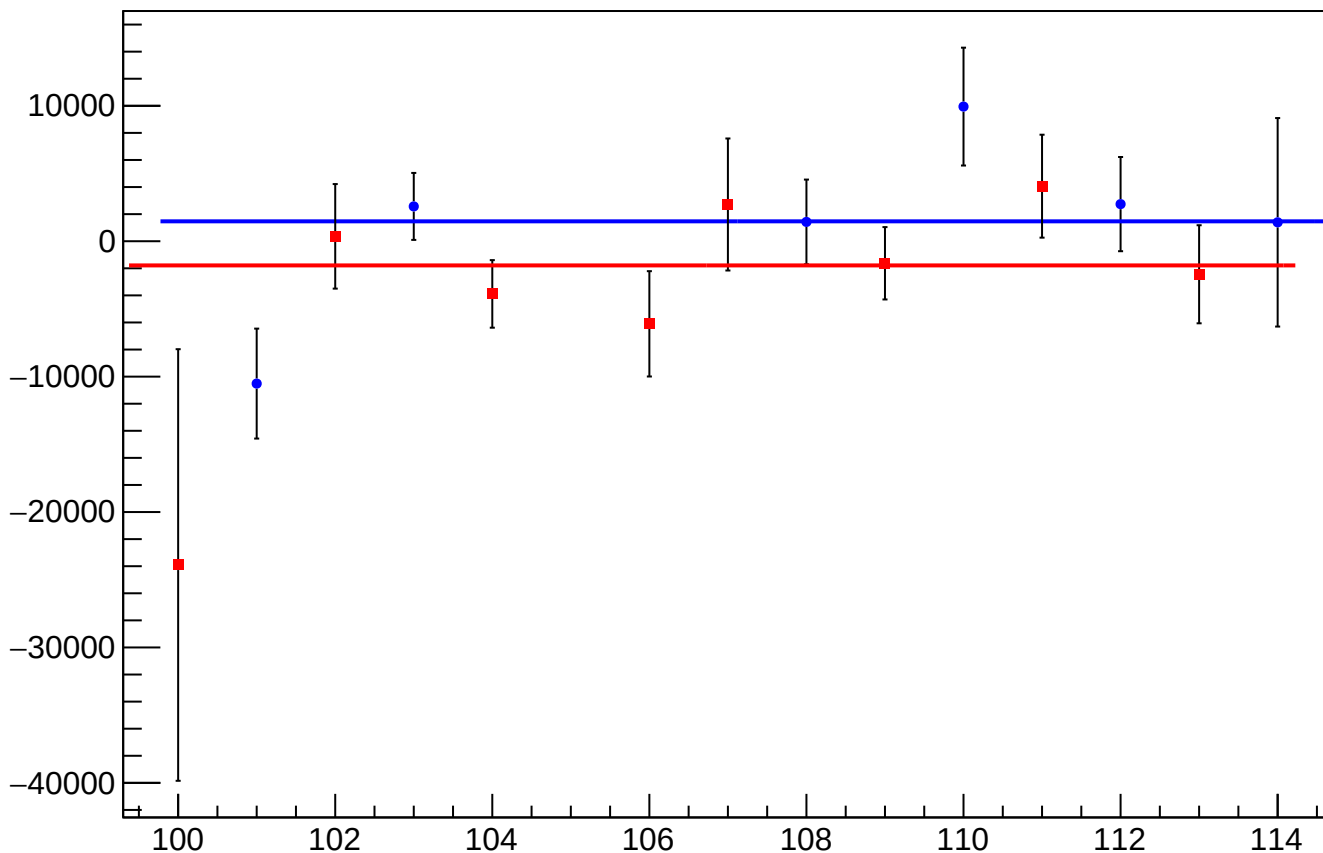
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.984+/-0.403 χ^2/NDF : 899045.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 1469.127 $\pm$ 1445.304 χ^2 /NDF: 12.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1786.247 $\pm$ 1264.508 χ^2 /NDF: 7.4/7

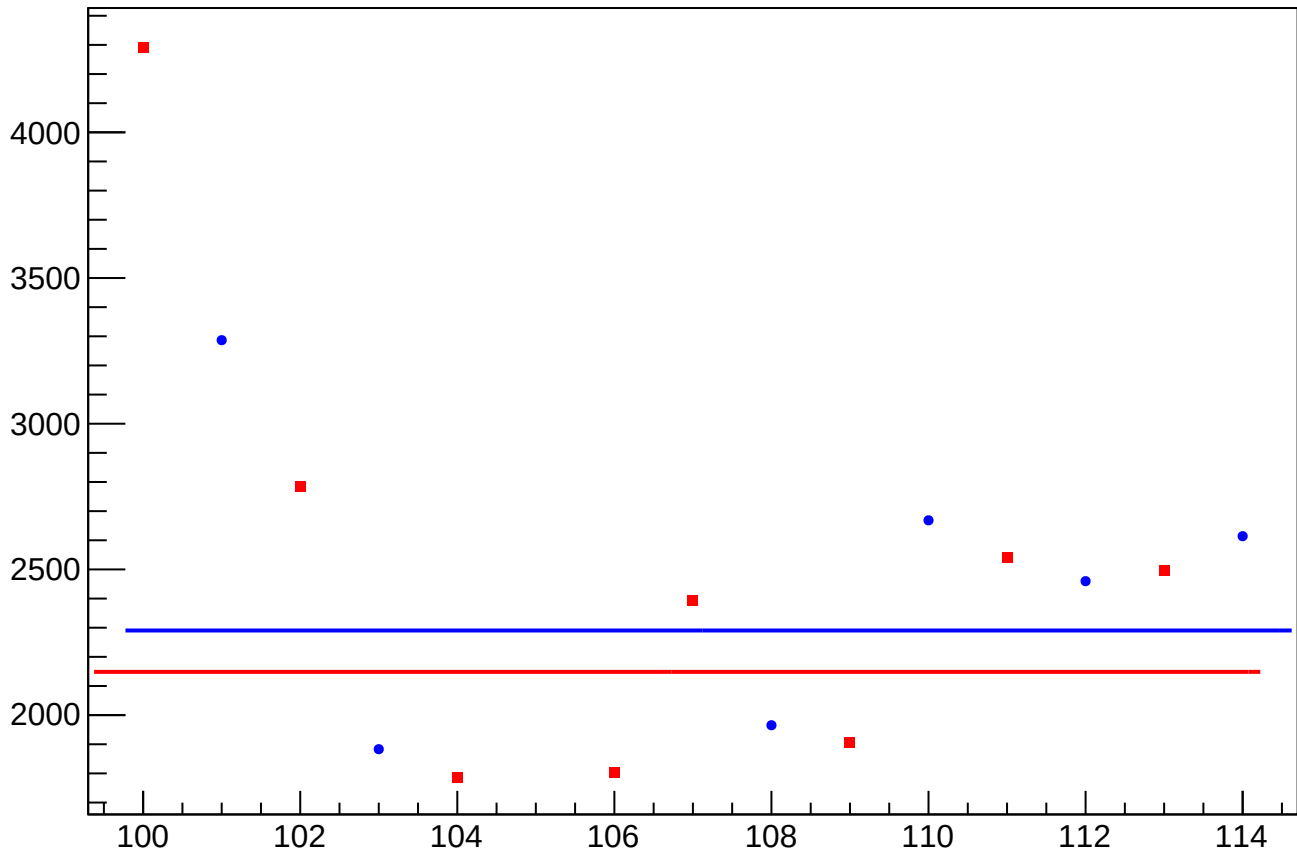
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -374.793 $\pm$ 951.683 χ^2 /NDF: 23.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2290.466 ± 1.022 χ^2/NDF : 219669.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2148.478 ± 0.894 χ^2/NDF : 209357.5/7

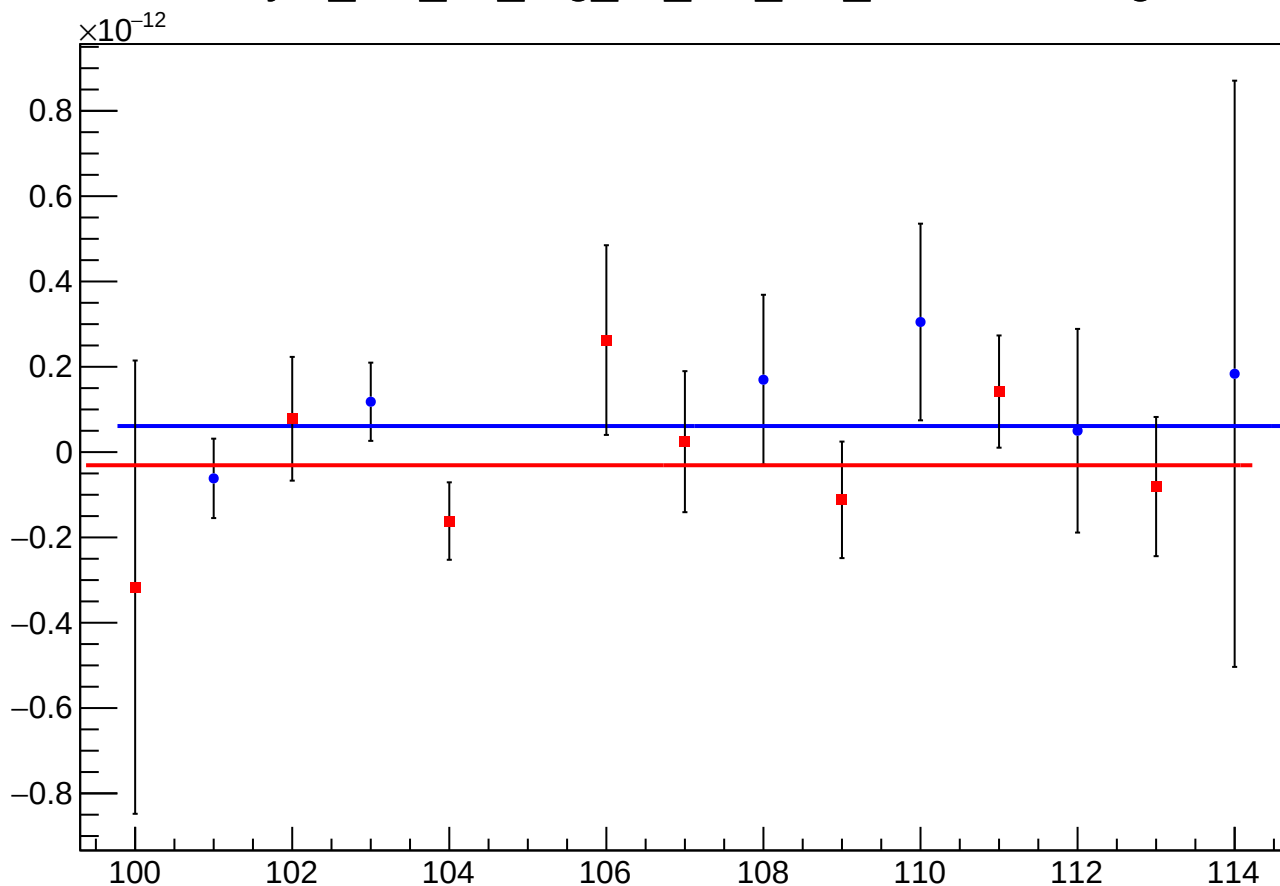
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2210.040 ± 0.673 χ^2/NDF : 439960.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/7

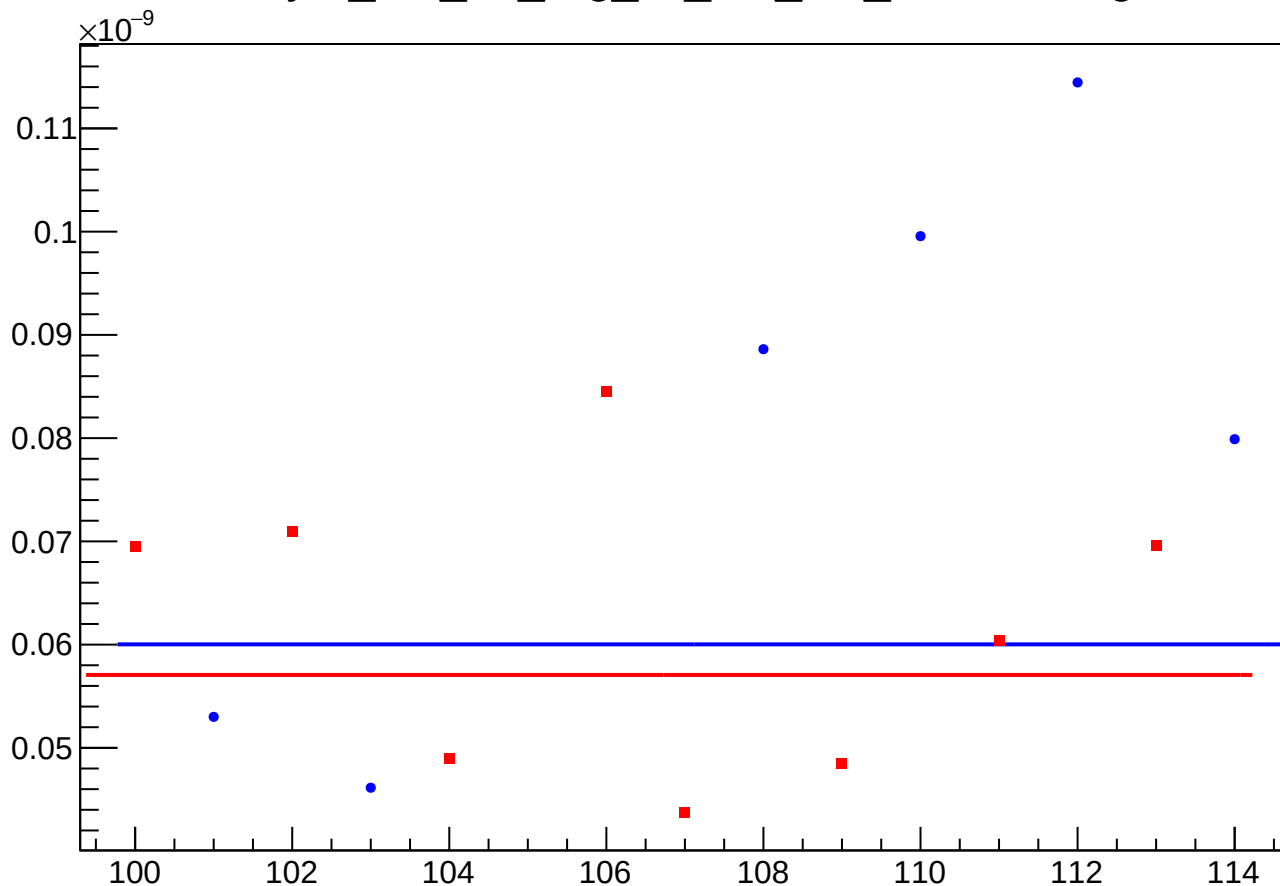
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 262945.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 99770.1/7

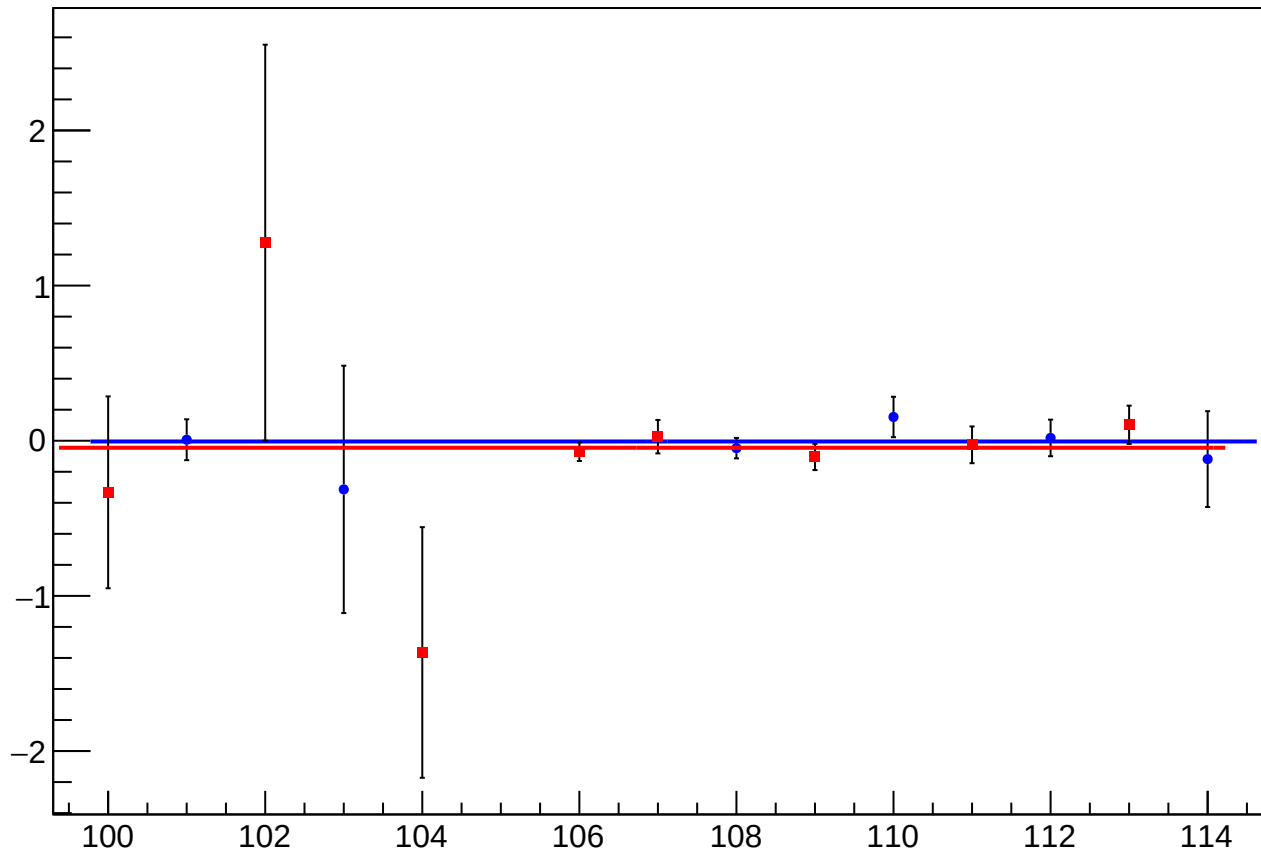
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 365639.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.005±/-0.048 χ^2 /NDF: 2.2/5

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.045±/-0.039 χ^2 /NDF: 6.5/7

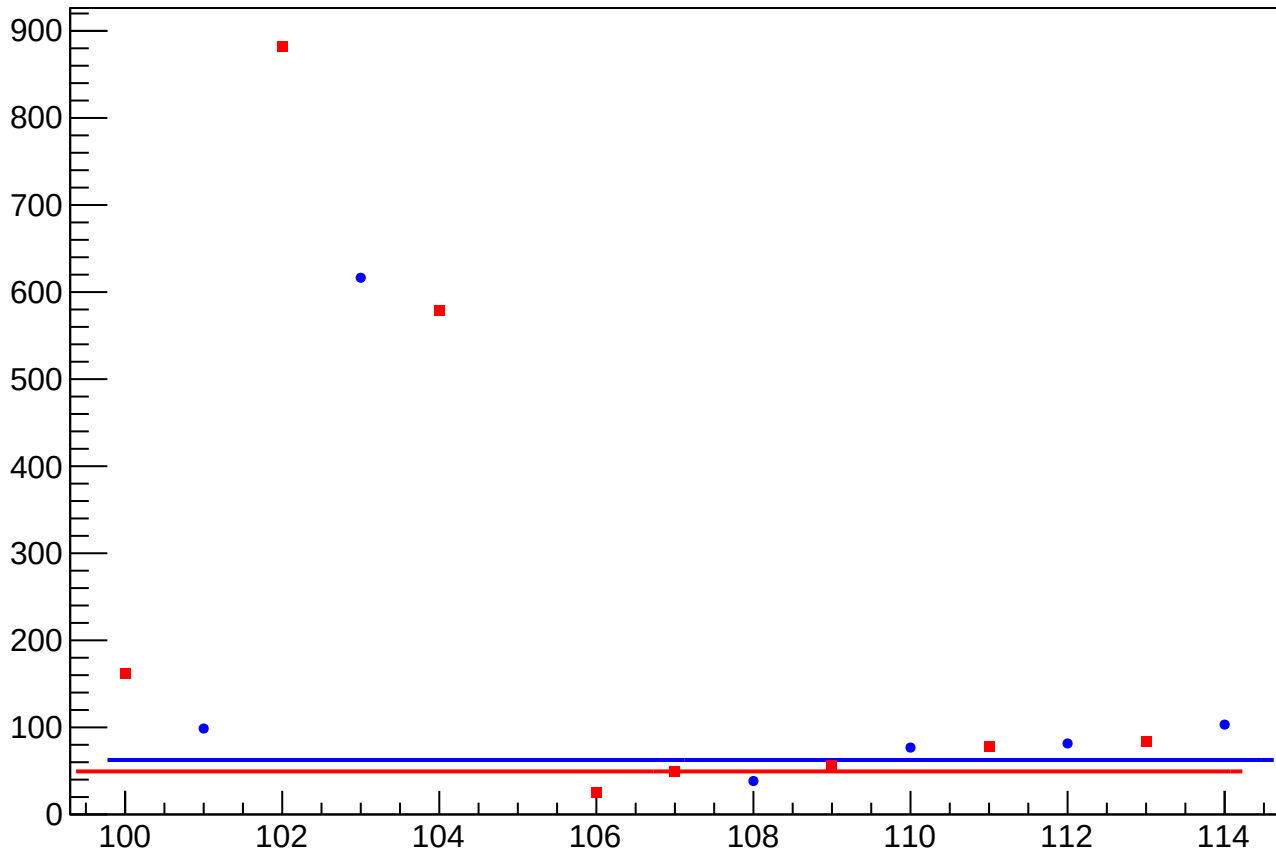
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -0.029±/-0.031 χ^2 /NDF: 9.2/13

- sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 62.582 $\pm$ 0.034 χ^2 /NDF: 1496206.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.423 $\pm$ 0.028 χ^2 /NDF: 2385072.9/7

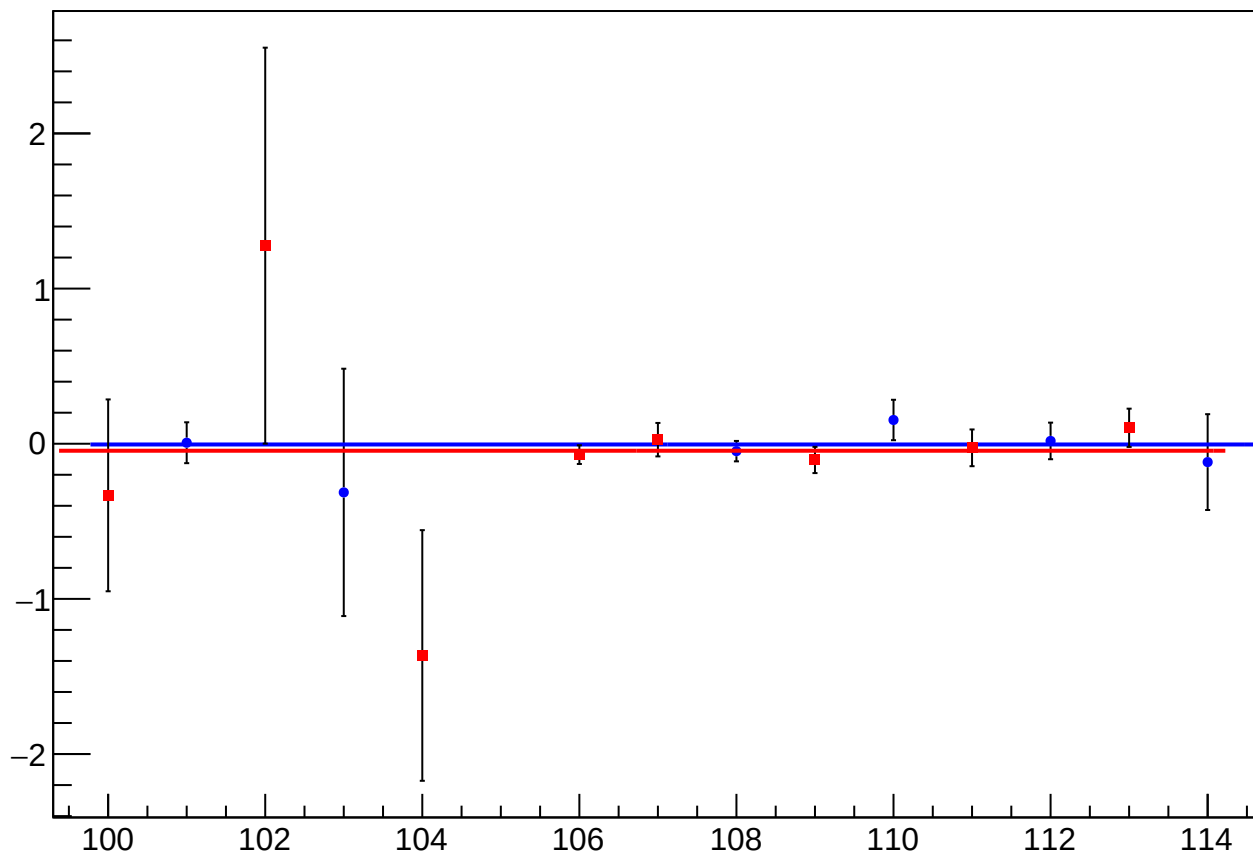
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.706 $\pm$ 0.022 χ^2 /NDF: 3970695.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005±/-0.048 χ^2 /NDF: 2.2/5

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.045±/-0.039 χ^2 /NDF: 6.5/7

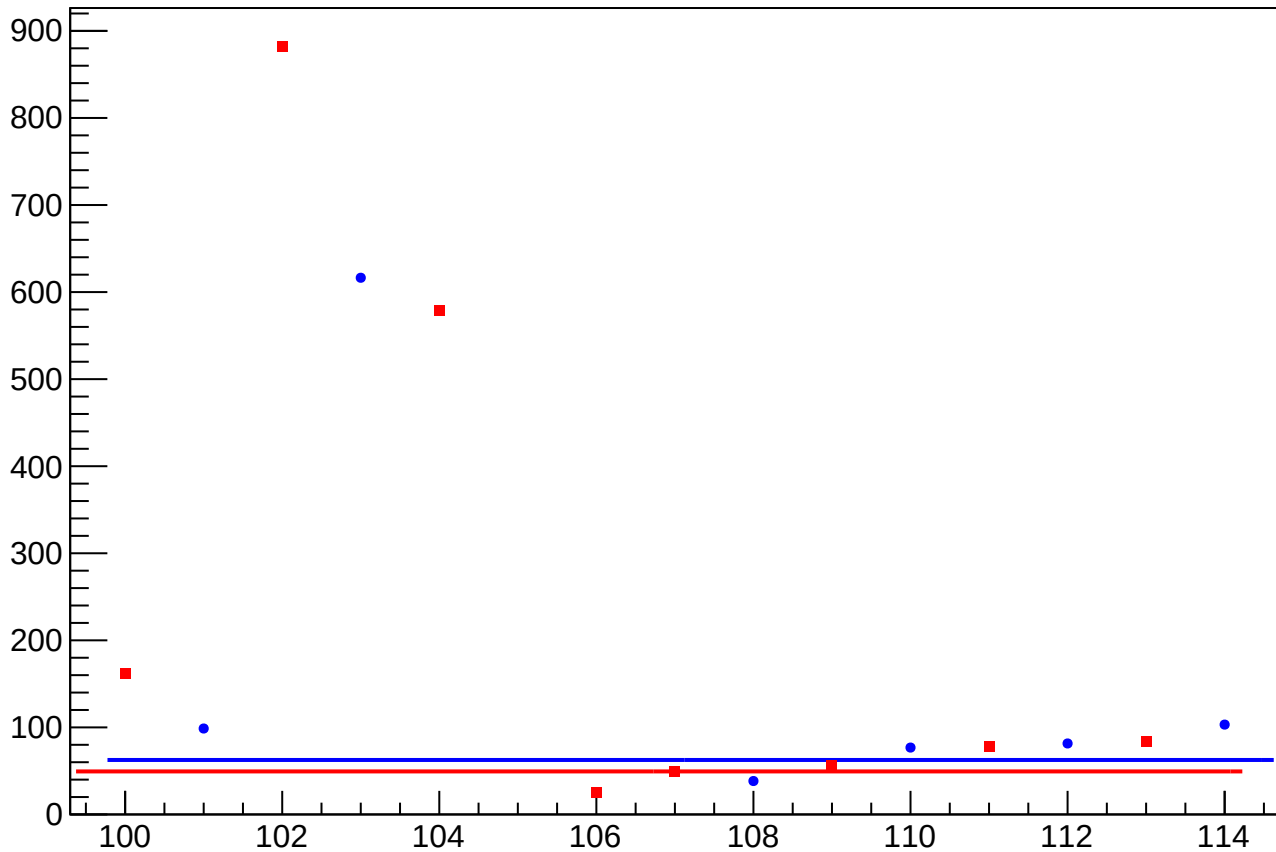
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -0.029±/-0.031 χ^2 /NDF: 9.2/13

- sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.582+/-0.034 χ^2/NDF : 1496206.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.423+/-0.028 χ^2/NDF : 2385072.9/7

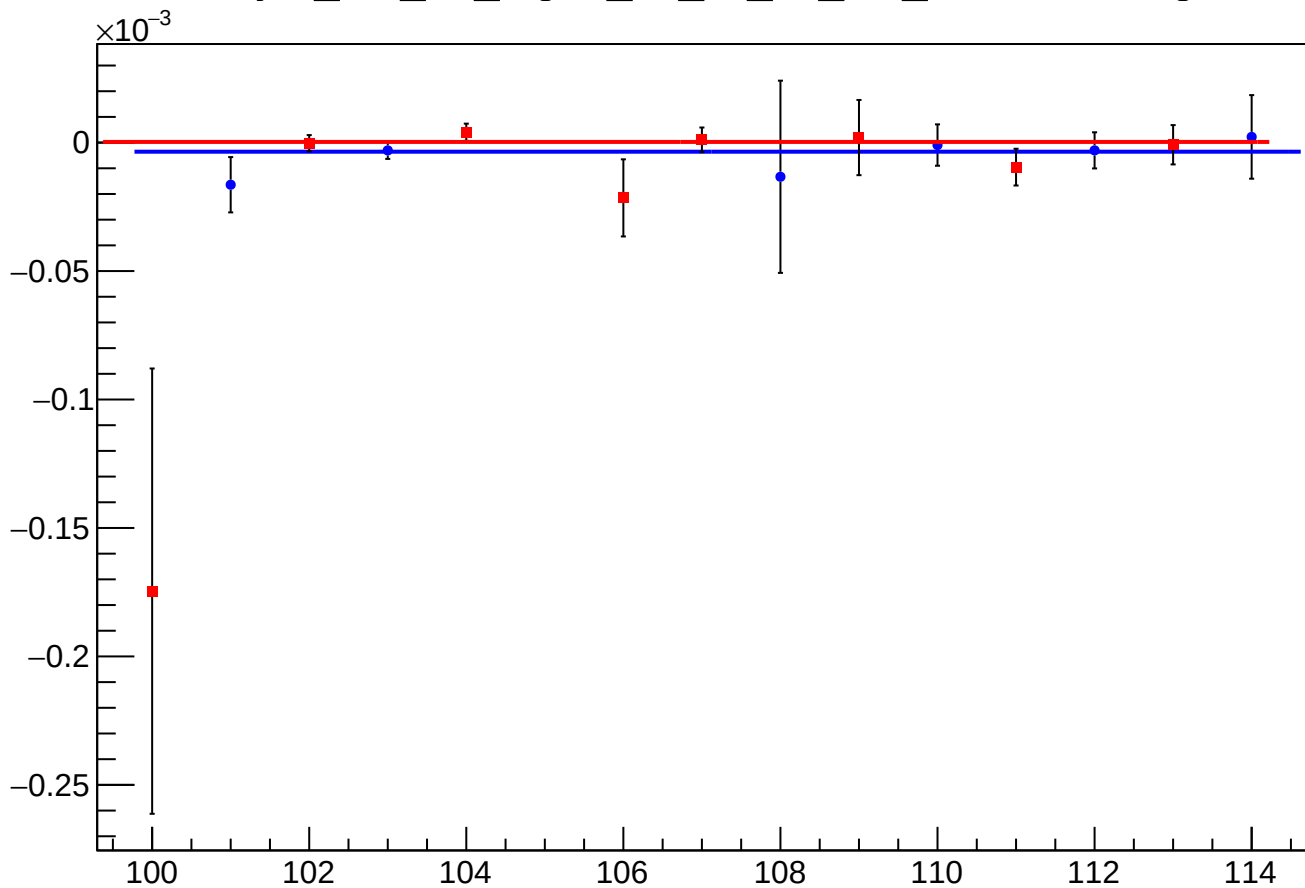
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.706+/-0.022 χ^2/NDF : 3970695.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/7

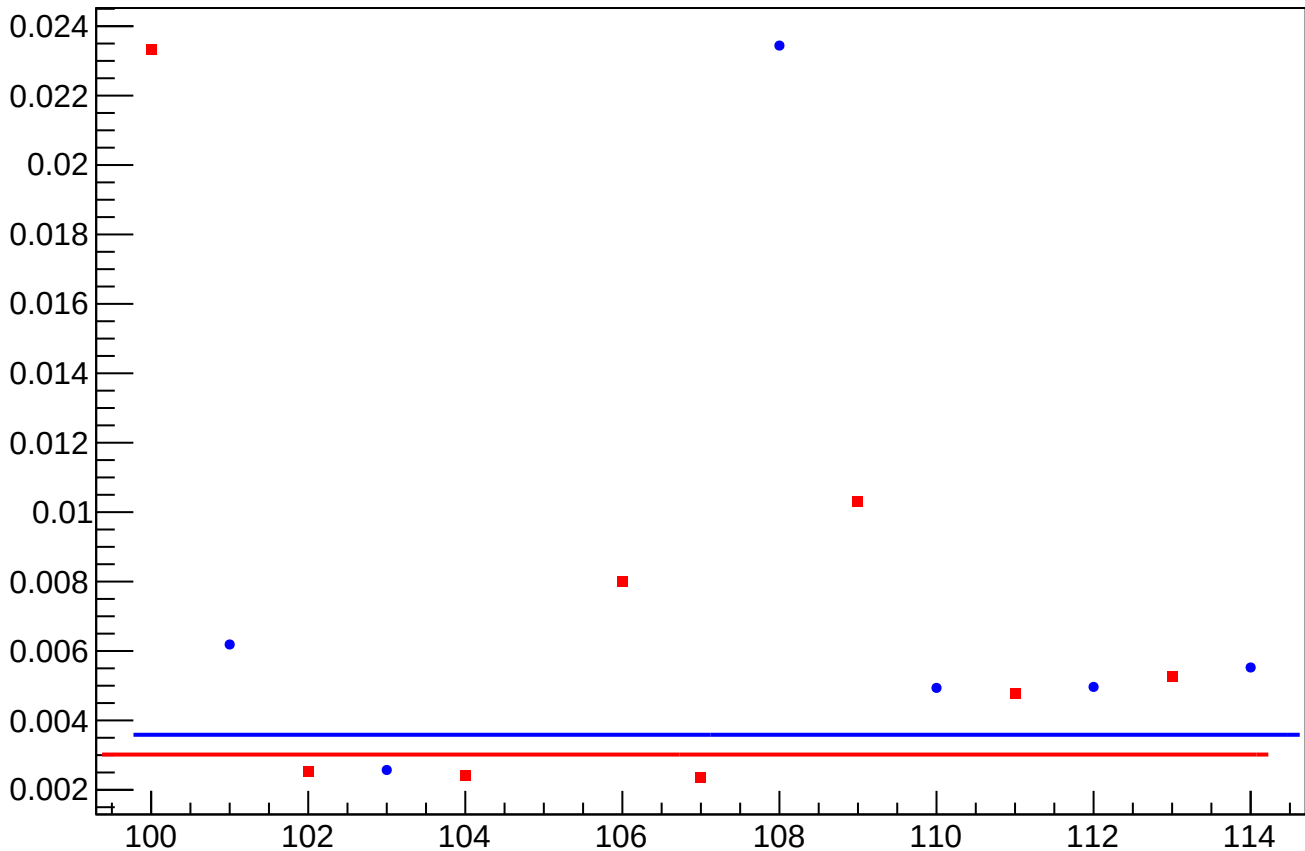
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 1029829.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1272539.0/7

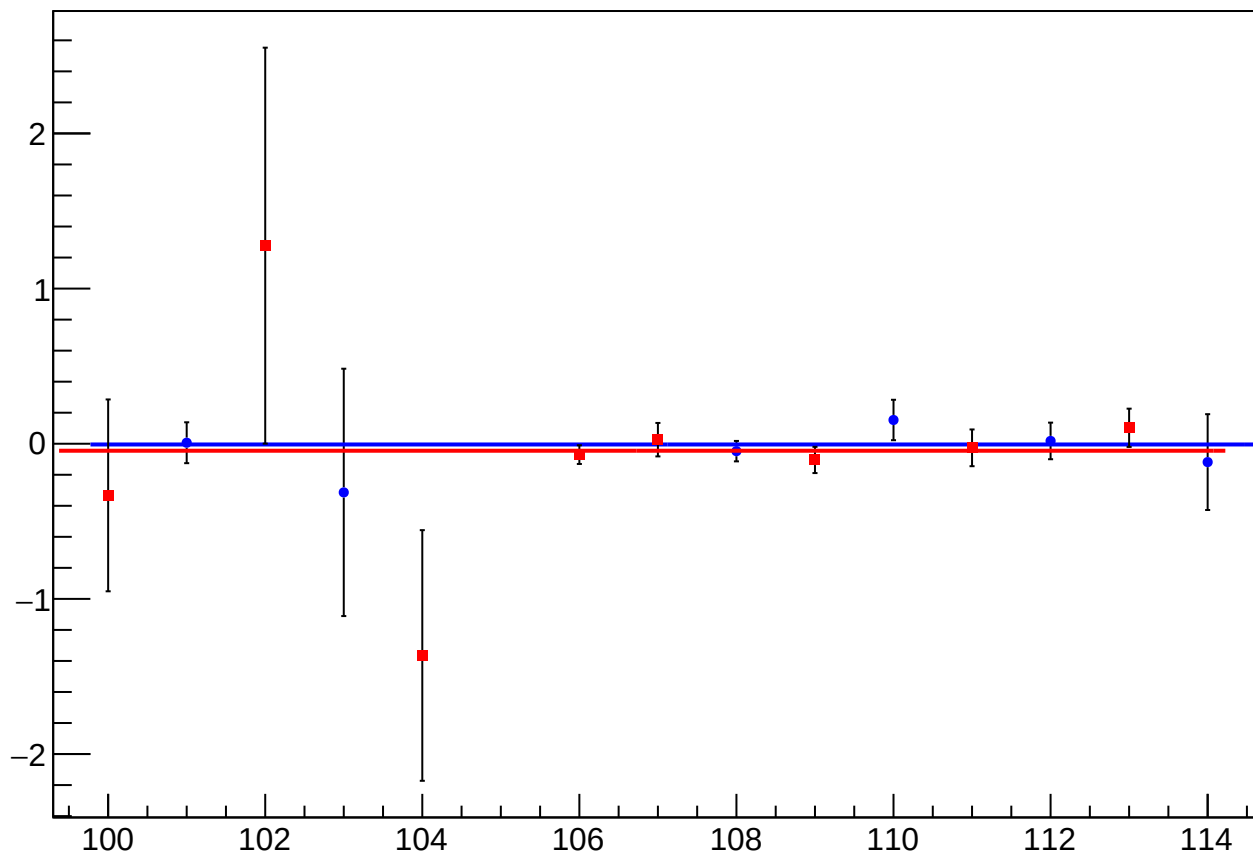
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2362929.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005+/-0.048 χ^2/NDF : 2.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.045+/-0.039 χ^2/NDF : 6.5/7

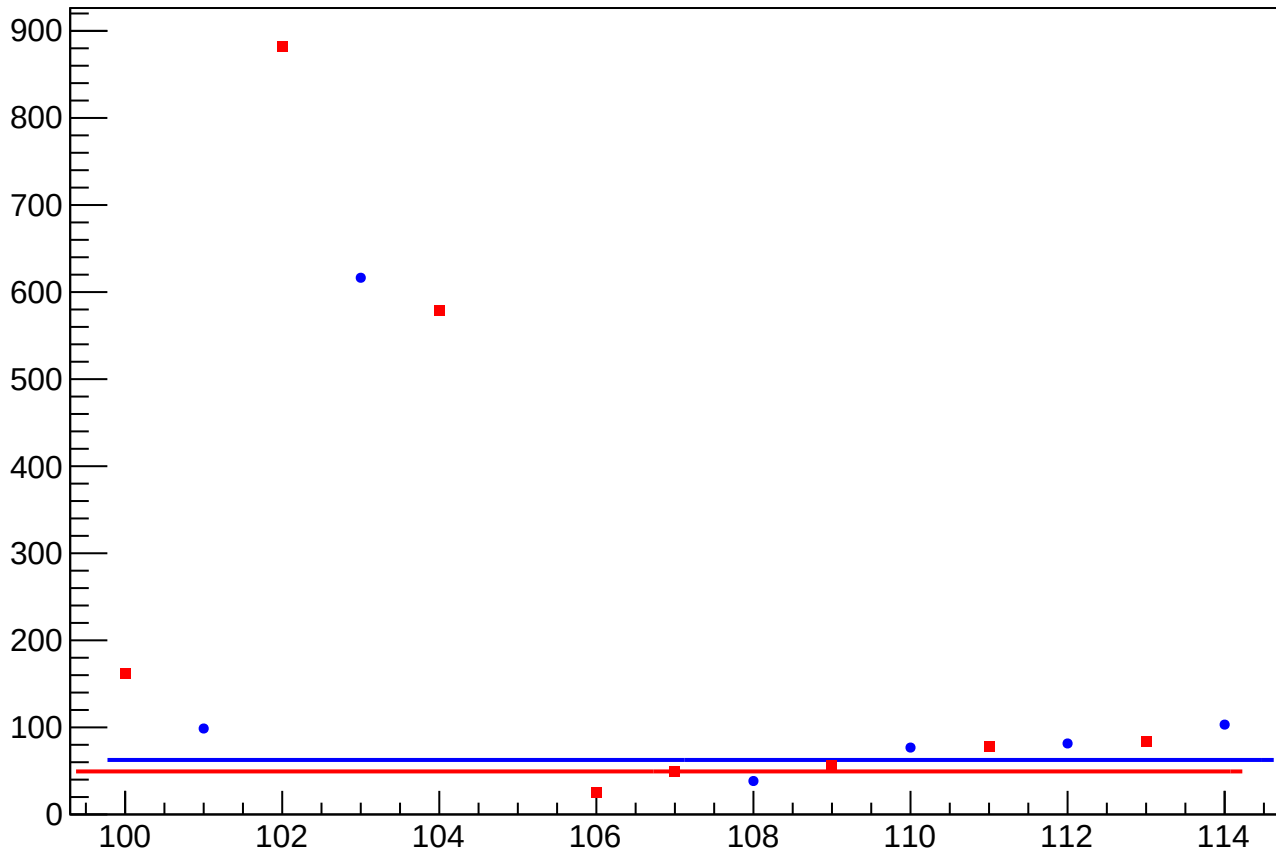
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.029+/-0.031 χ^2/NDF : 9.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.603+/-0.034 χ^2/NDF : 1495597.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.414+/-0.028 χ^2/NDF : 2385466.6/7

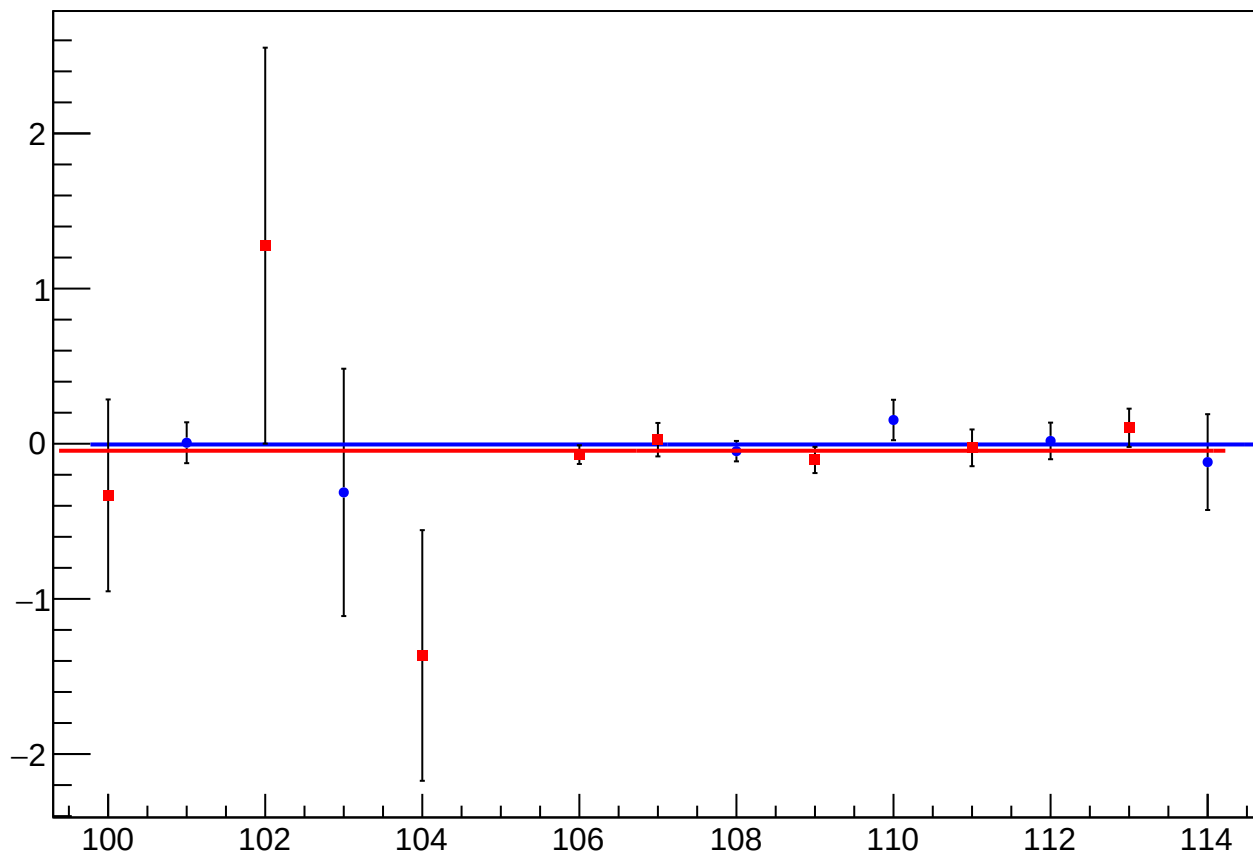
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.707+/-0.022 χ^2/NDF : 3970870.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.048 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.039 χ^2 /NDF: 6.5/7

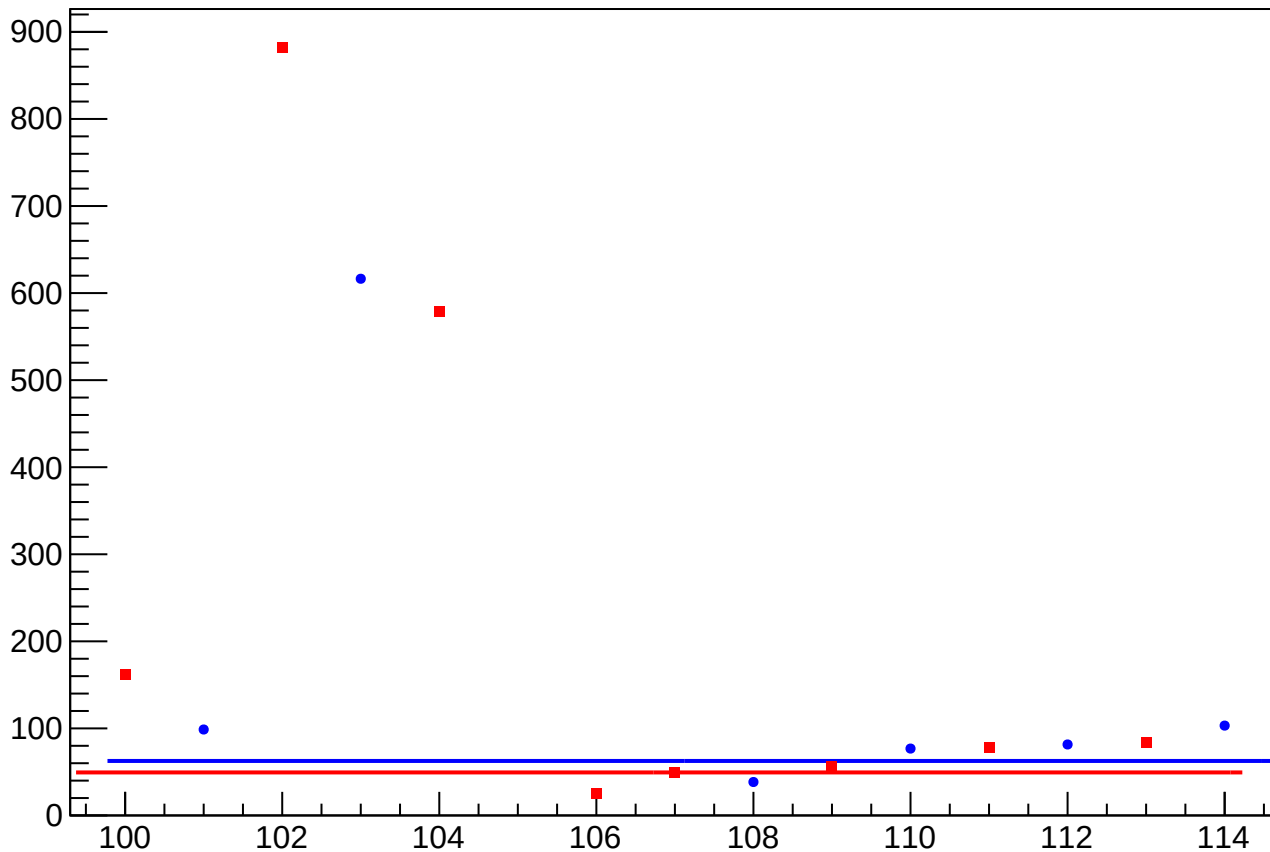
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.029 $\pm$ 0.031 χ^2 /NDF: 9.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.603 $\pm$ 0.034 χ^2 /NDF: 1495597.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.414 $\pm$ 0.028 χ^2 /NDF: 2385466.6/7

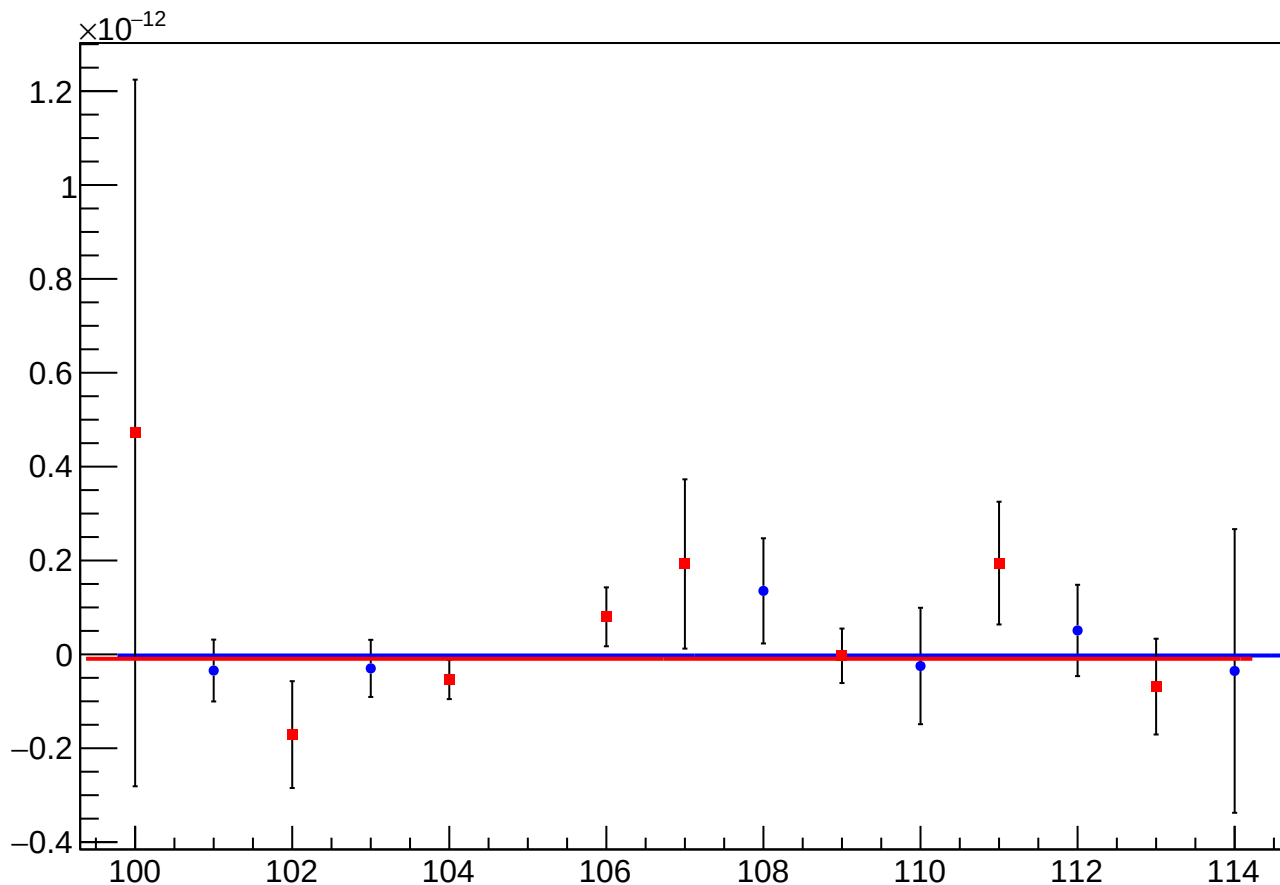
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.707 $\pm$ 0.022 χ^2 /NDF: 3970870.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/7

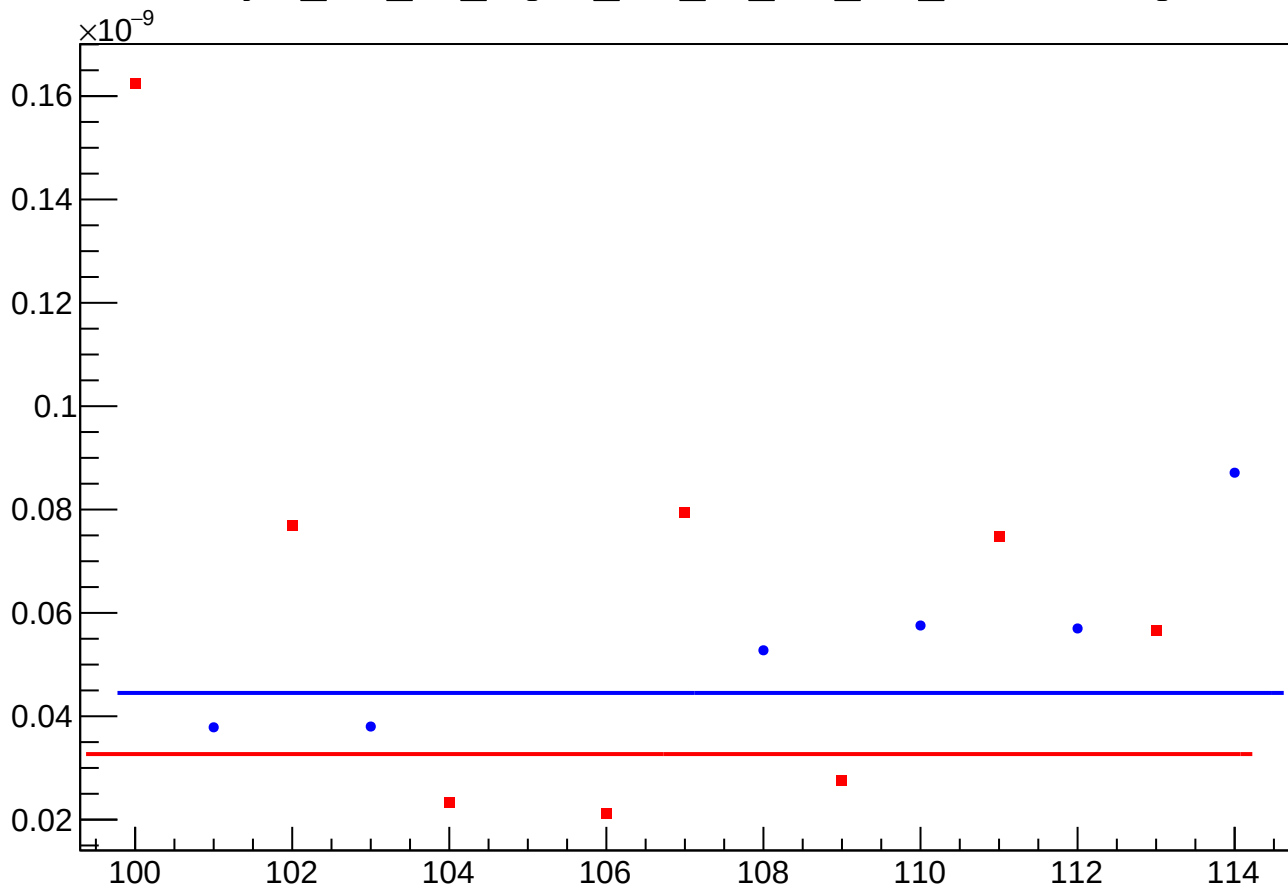
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 148866.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 998039.7/7

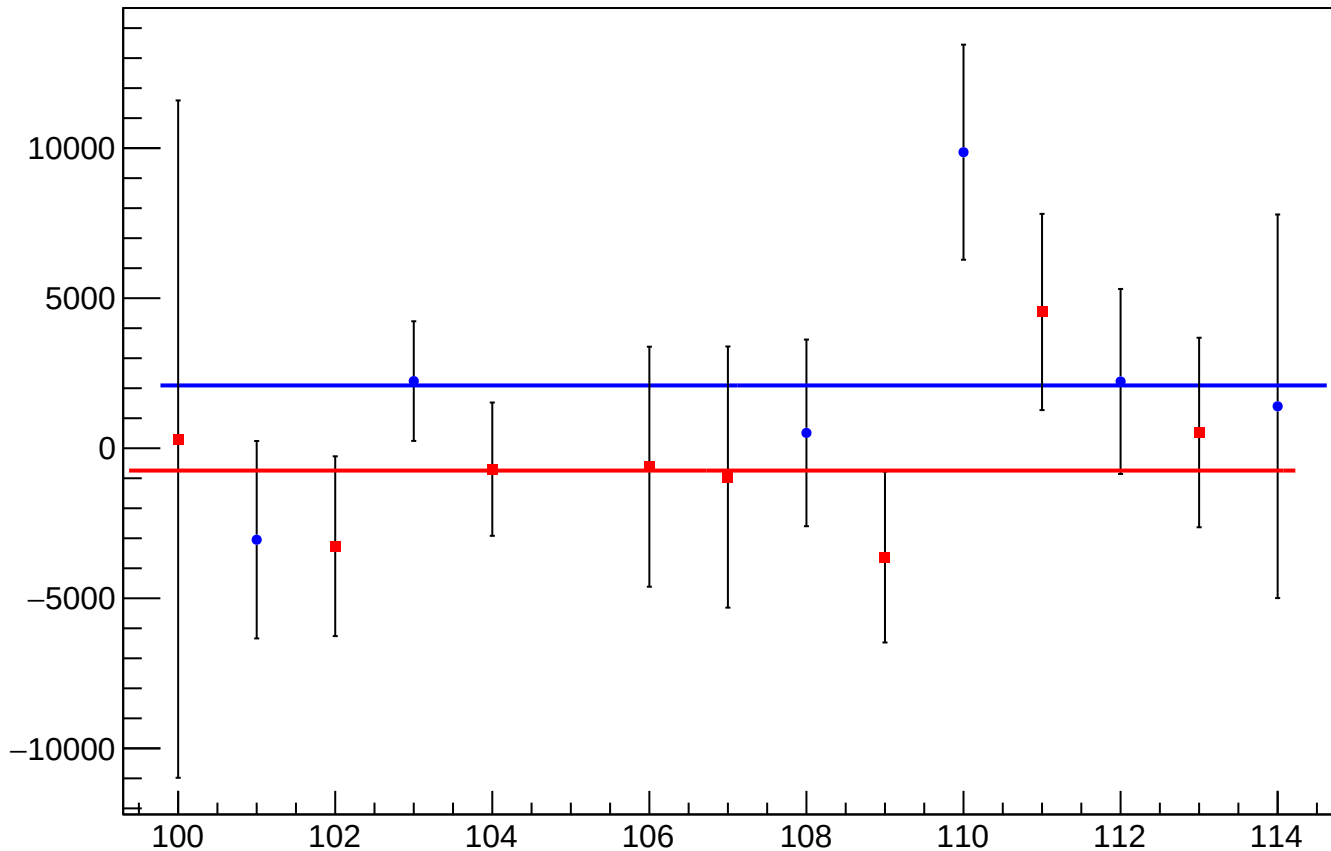
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1284659.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2092.841+/-1235.555 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -743.603+/-1151.297 χ^2/NDF : 4.5/7

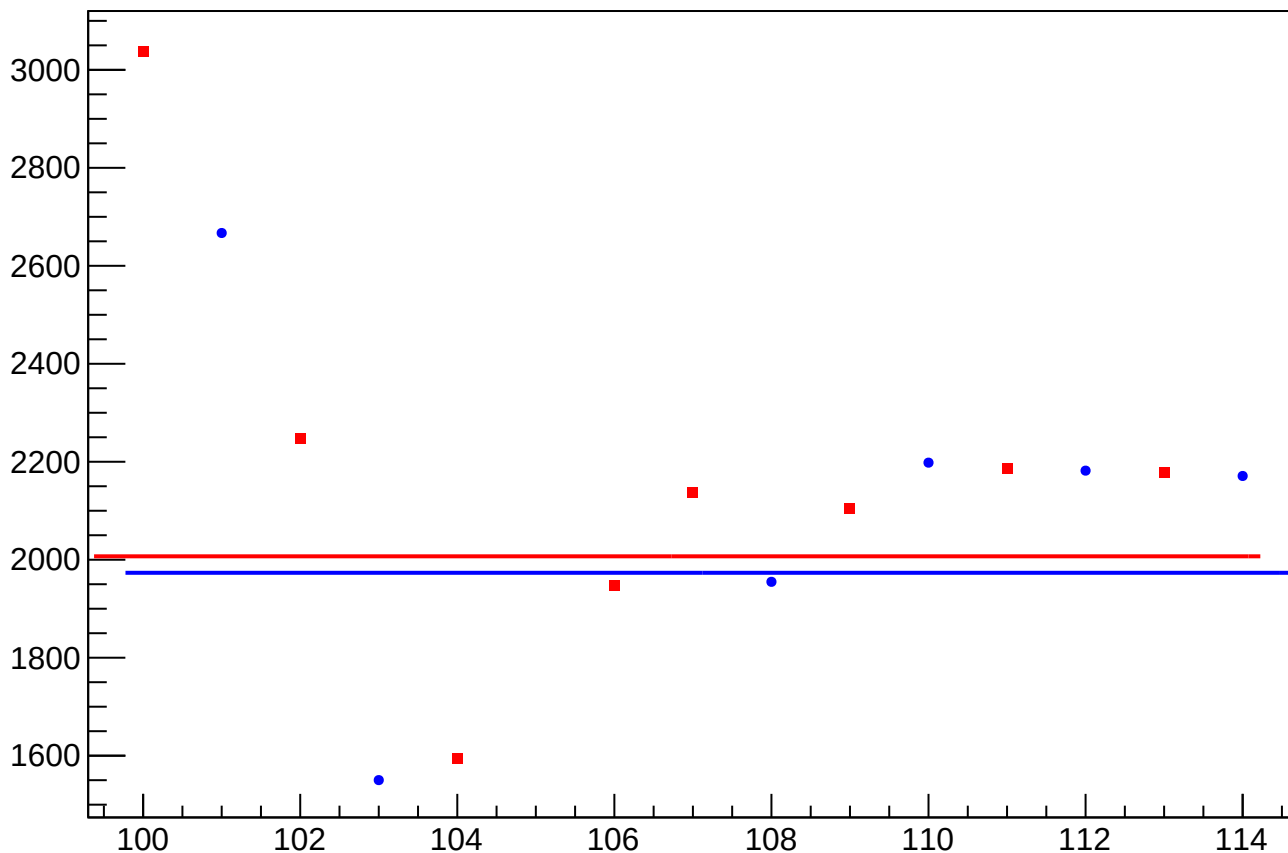
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.614+/-842.304 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1973.349 $\pm$ 0.874 χ^2 /NDF: 198096.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2006.980 $\pm$ 0.809 χ^2 /NDF: 114809.8/7

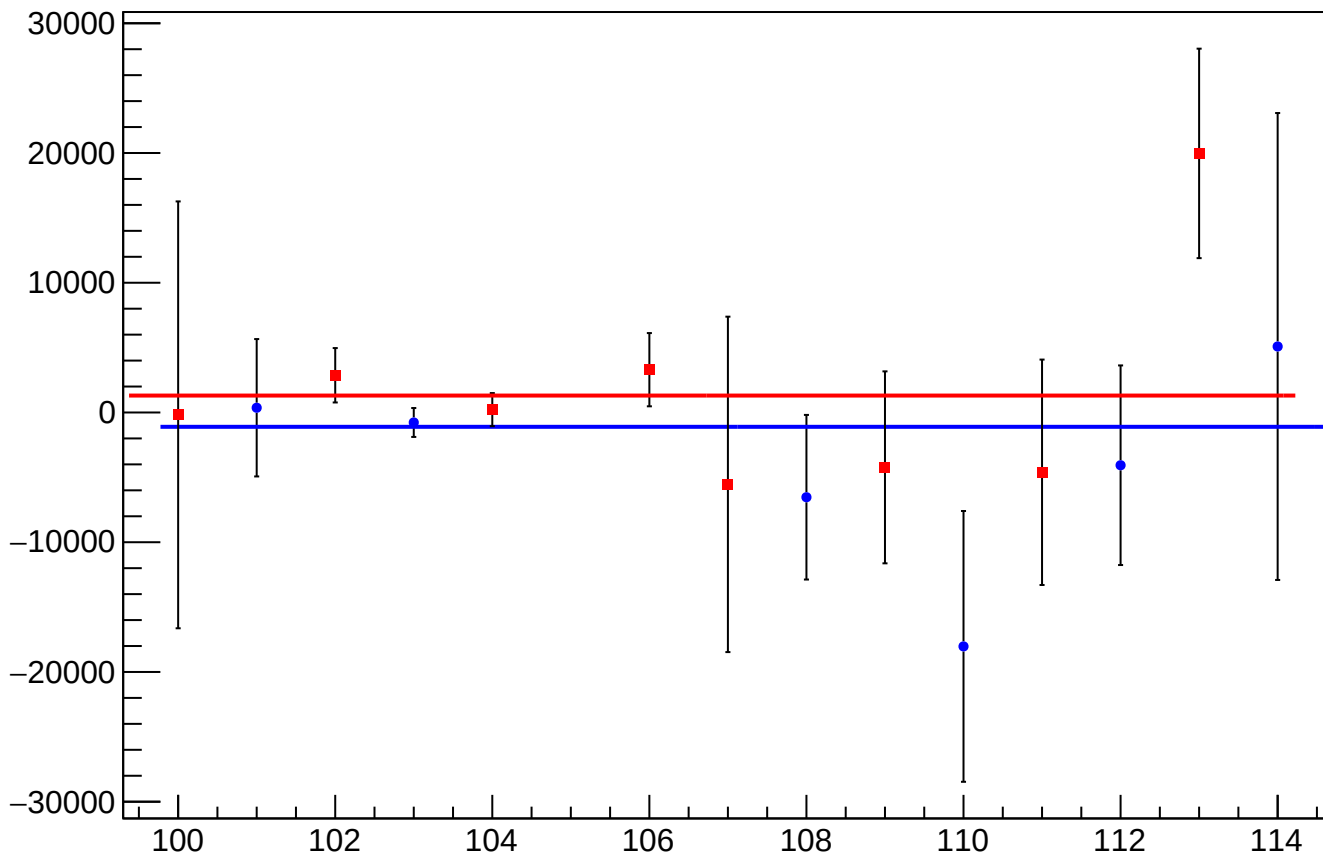
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1991.452 $\pm$ 0.594 χ^2 /NDF: 313704.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -1104.310 $\pm$ 1057.076 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1304.623 $\pm$ 988.119 χ^2 /NDF: 8.4/7

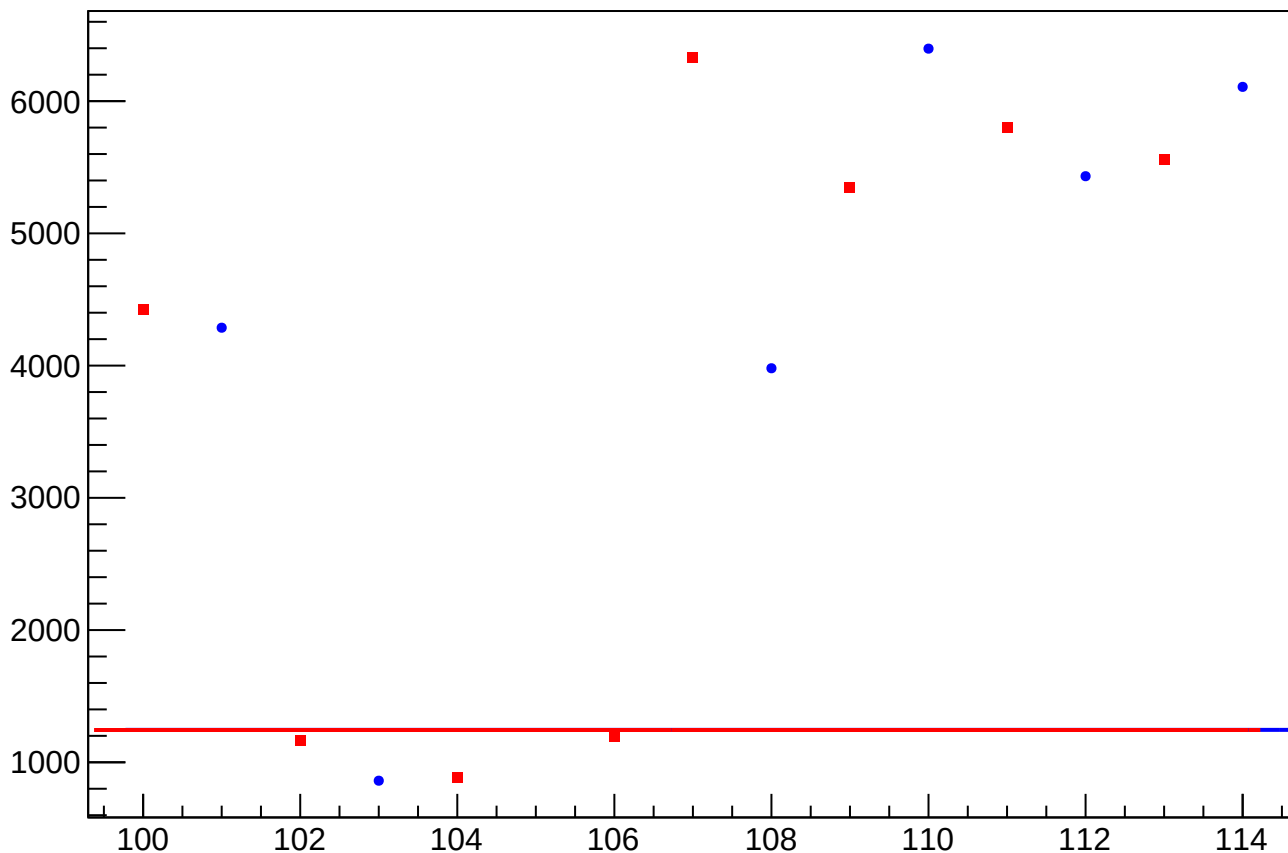
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.285 $\pm$ 721.853 χ^2 /NDF: 15.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1245.259+/-0.747 χ^2/NDF : 2495509.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.214+/-0.699 χ^2/NDF : 2284233.4/7

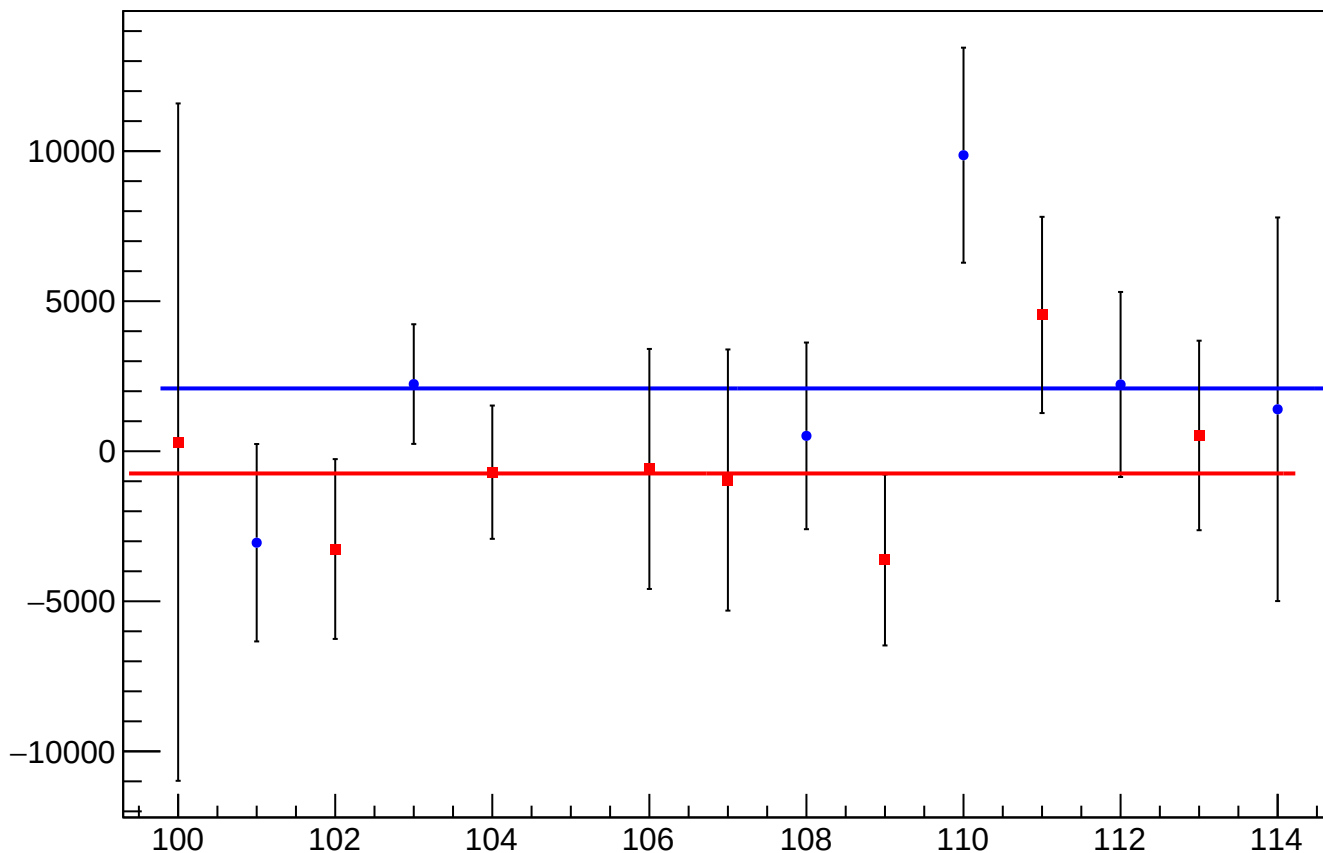
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.702+/-0.510 χ^2/NDF : 4779743.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2093.083+/-1235.555 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -740.374+/-1151.301 χ^2/NDF : 4.5/7

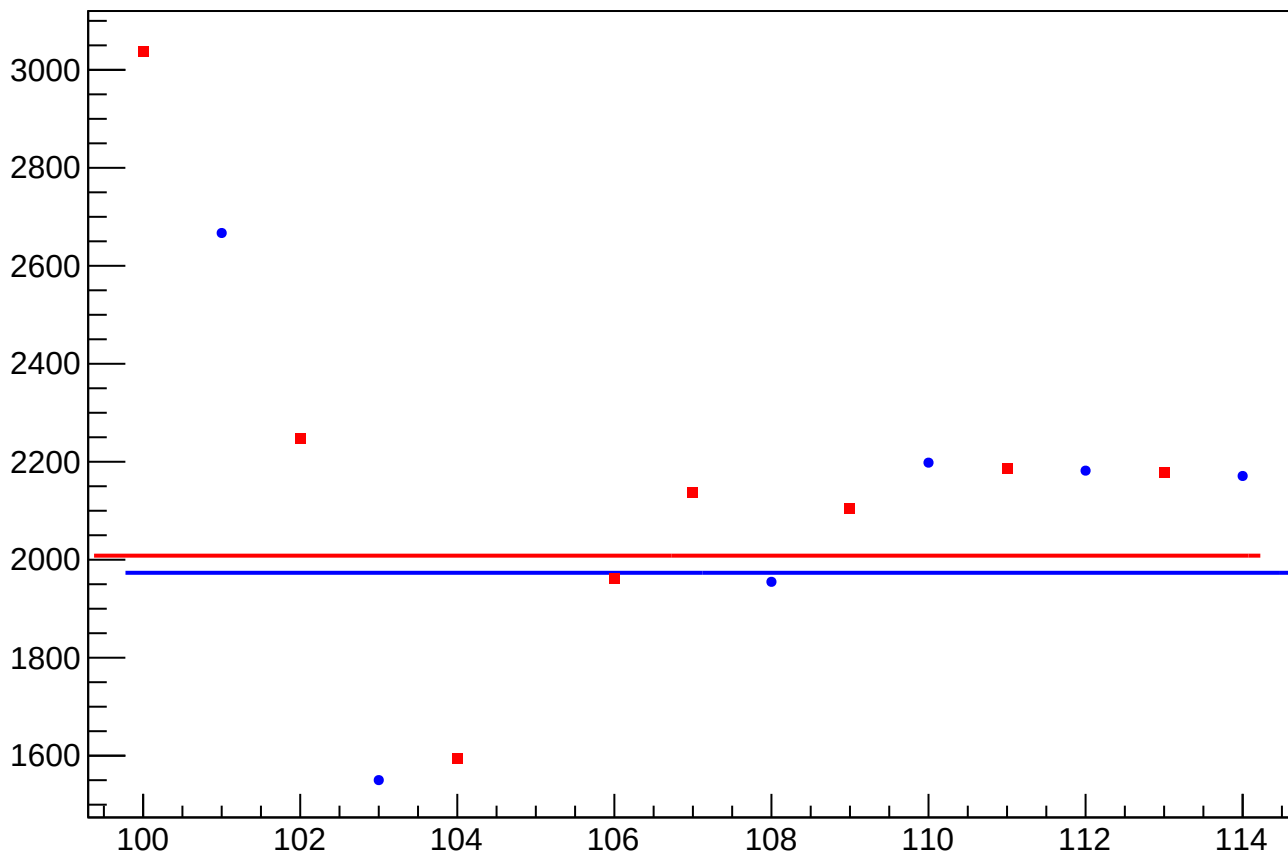
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.460+/-842.305 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1973.349+/-0.874 χ^2/NDF : 198096.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.324+/-0.810 χ^2/NDF : 114599.5/7

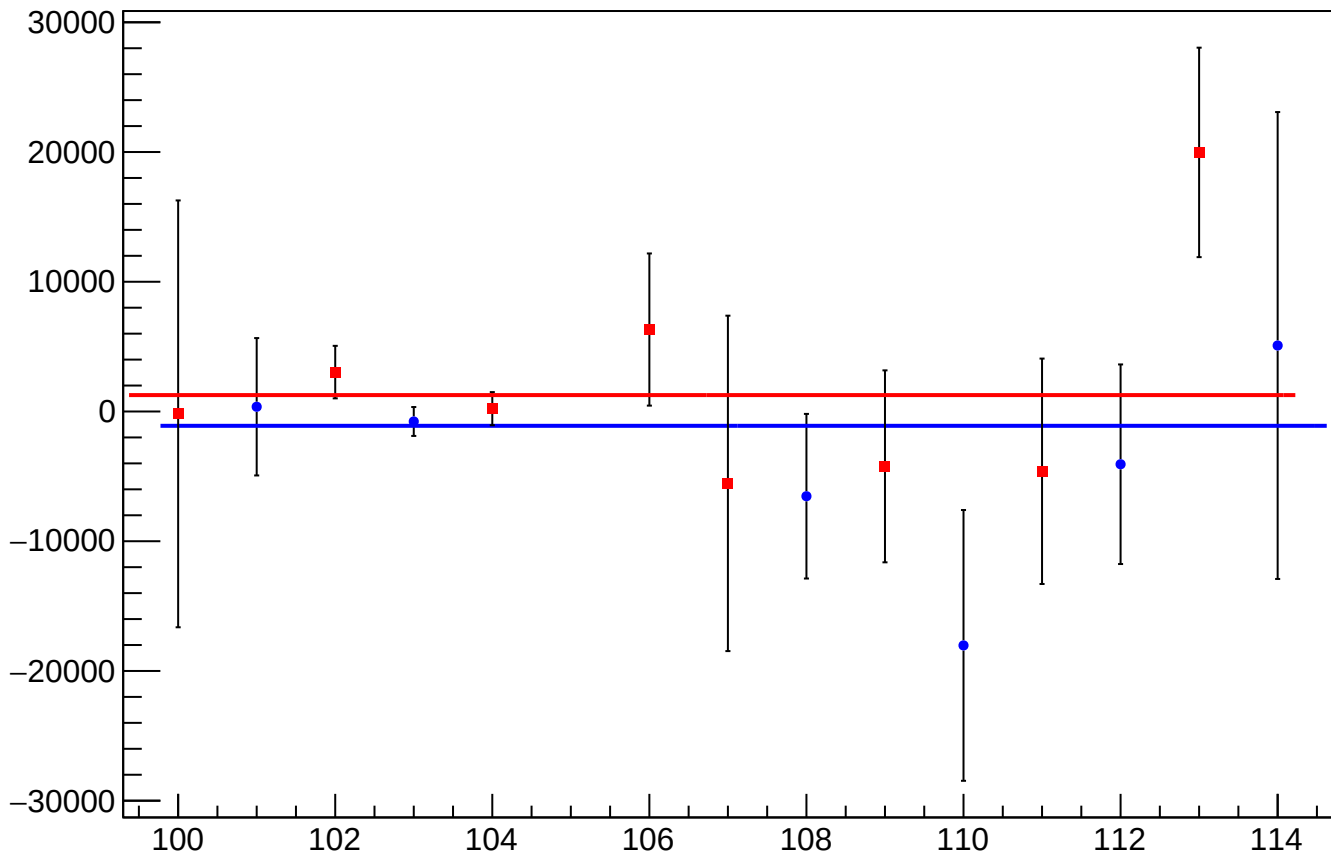
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.166+/-0.594 χ^2/NDF : 313558.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -1103.702 $\pm$ 1057.005 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1264.387 $\pm$ 1028.941 χ^2 /NDF: 8.8/7

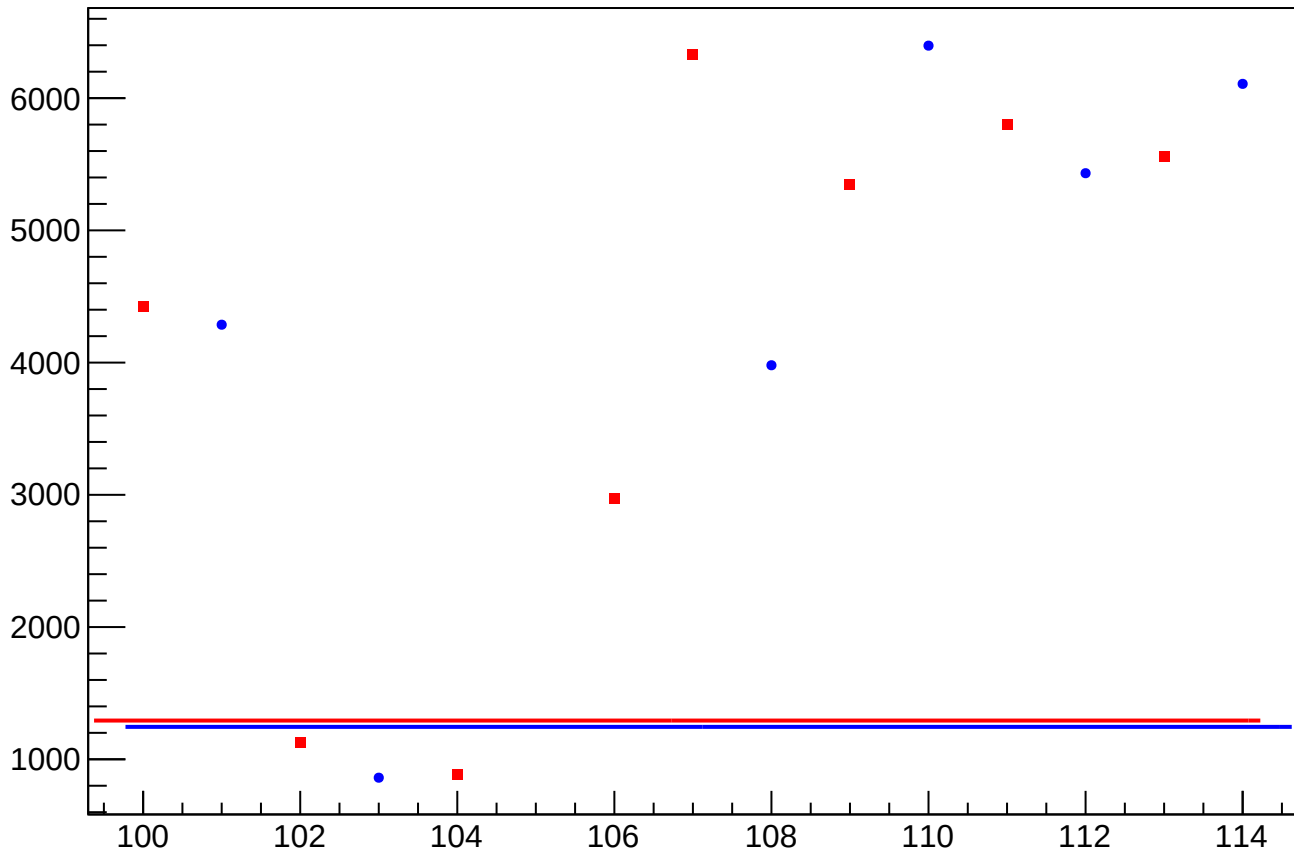
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.197 $\pm$ 737.293 χ^2 /NDF: 15.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1245.157+/-0.747 χ^2/NDF : 2495614.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

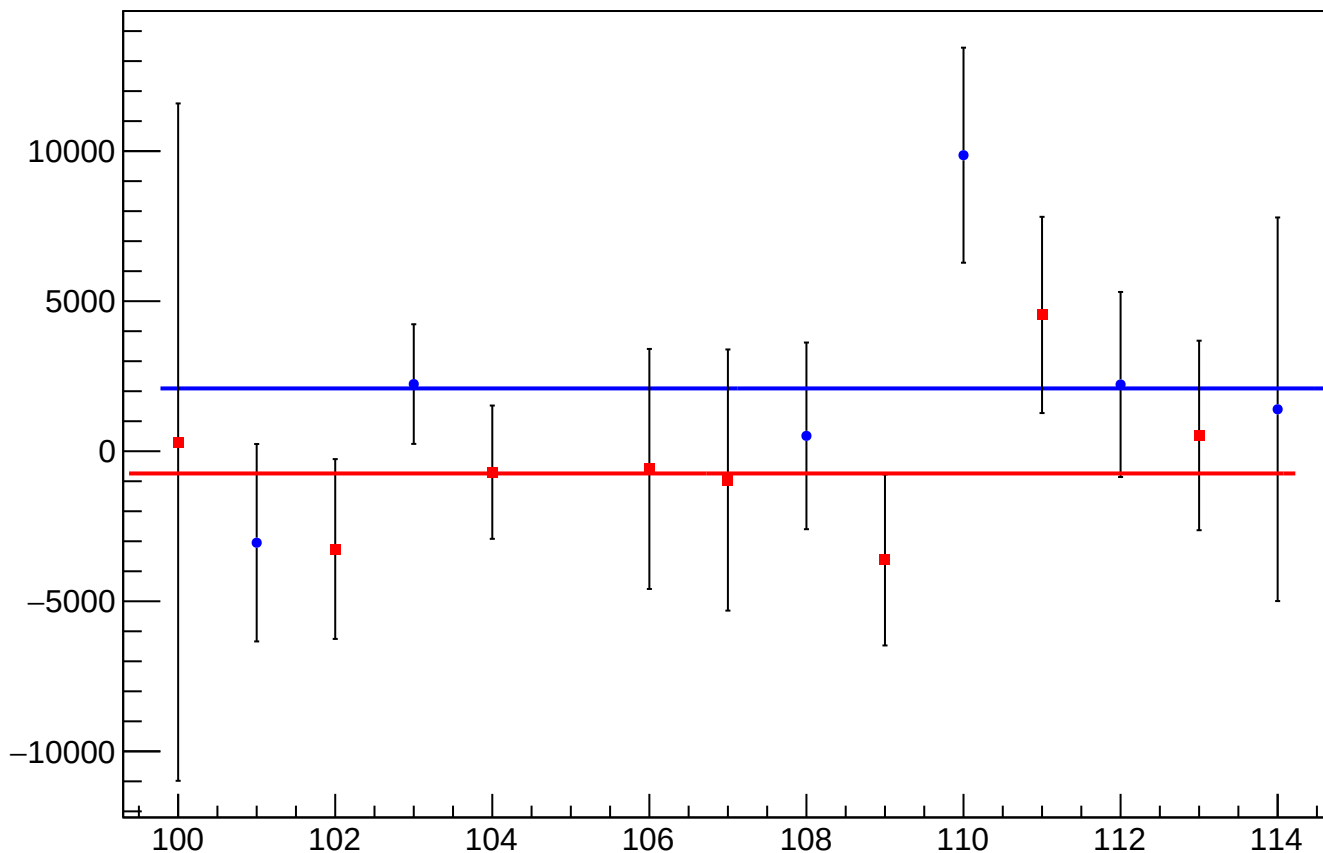
Right Out: 1292.933+/-0.728 χ^2/NDF : 2455739.8/7

All: 1269.687+/-0.521 χ^2/NDF : 4953451.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2093.083+/-1235.555 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -740.374+/-1151.301 χ^2/NDF : 4.5/7

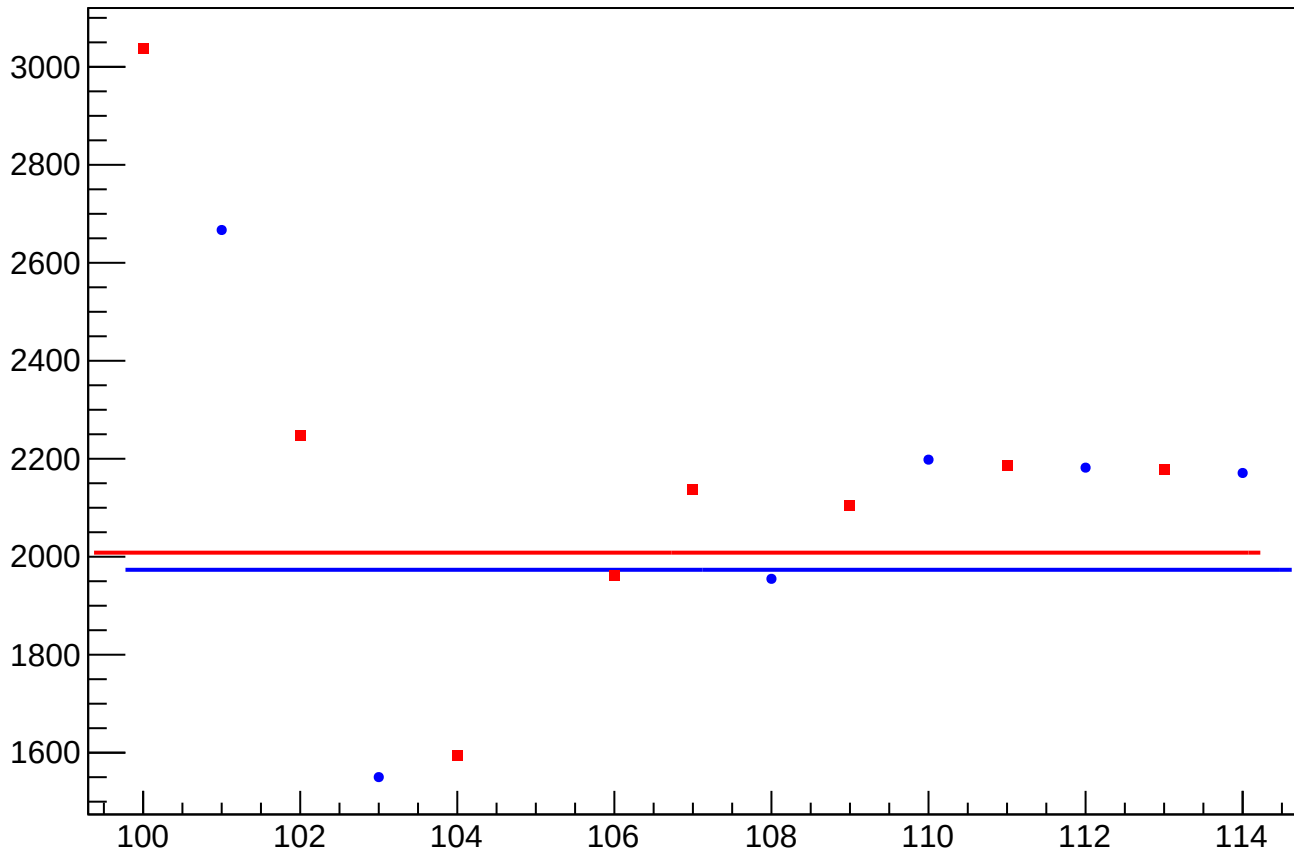
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.460+/-842.305 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1973.349+/-0.874 χ^2/NDF : 198096.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.324+/-0.810 χ^2/NDF : 114599.5/7

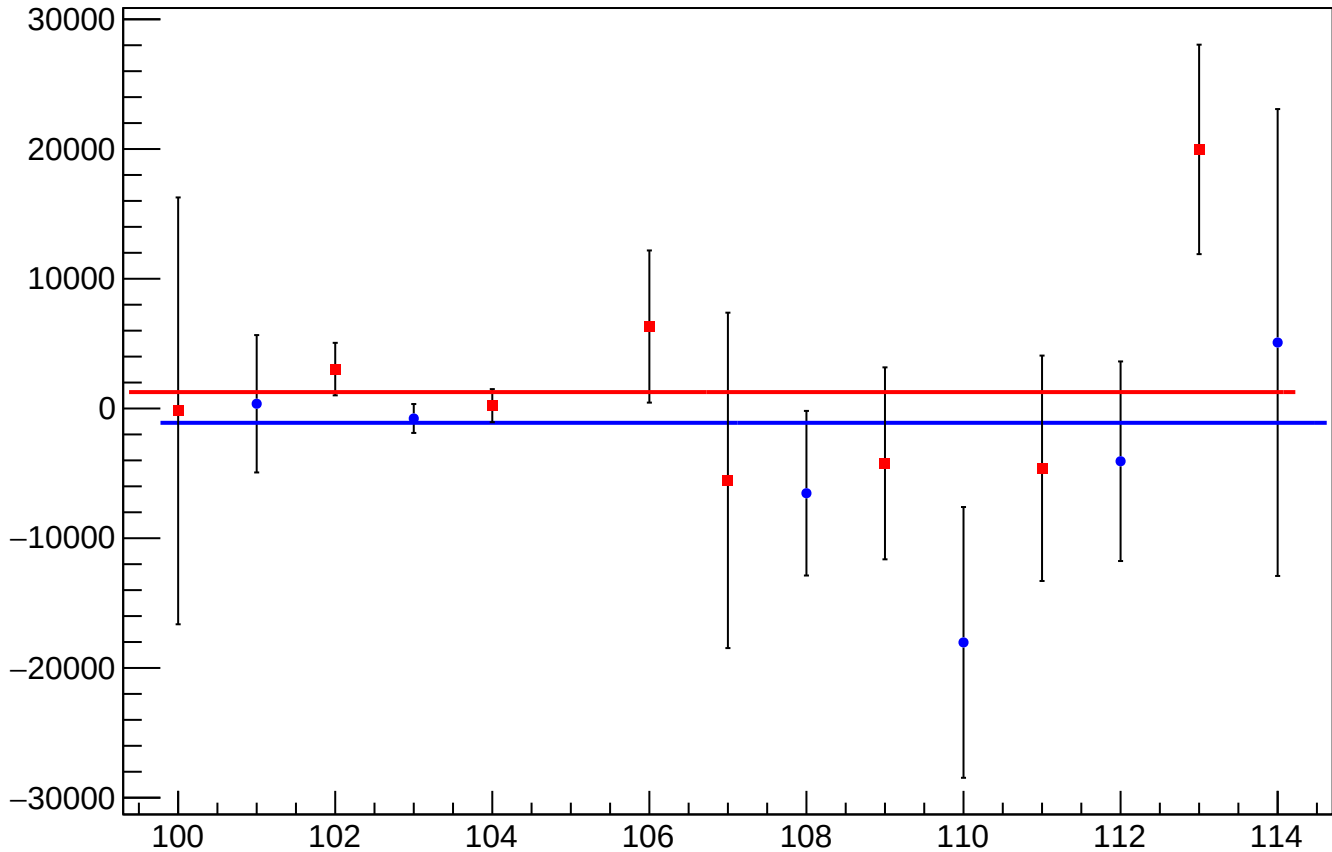
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.166+/-0.594 χ^2/NDF : 313558.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -1103.702+/-1057.005 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1264.387+/-1028.941 χ^2/NDF : 8.8/7

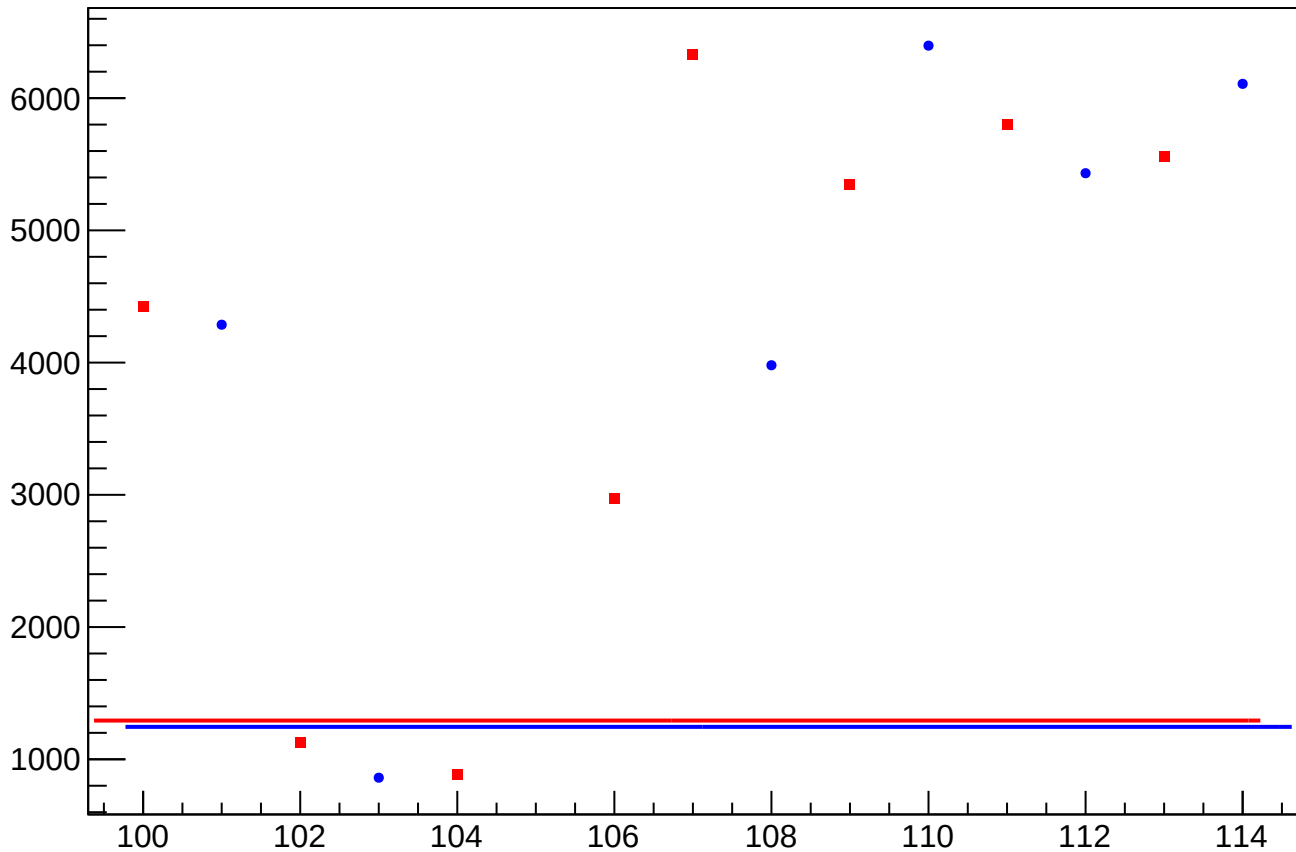
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.197+/-737.293 χ^2/NDF : 15.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1245.157+/-0.747 χ^2/NDF : 2495614.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

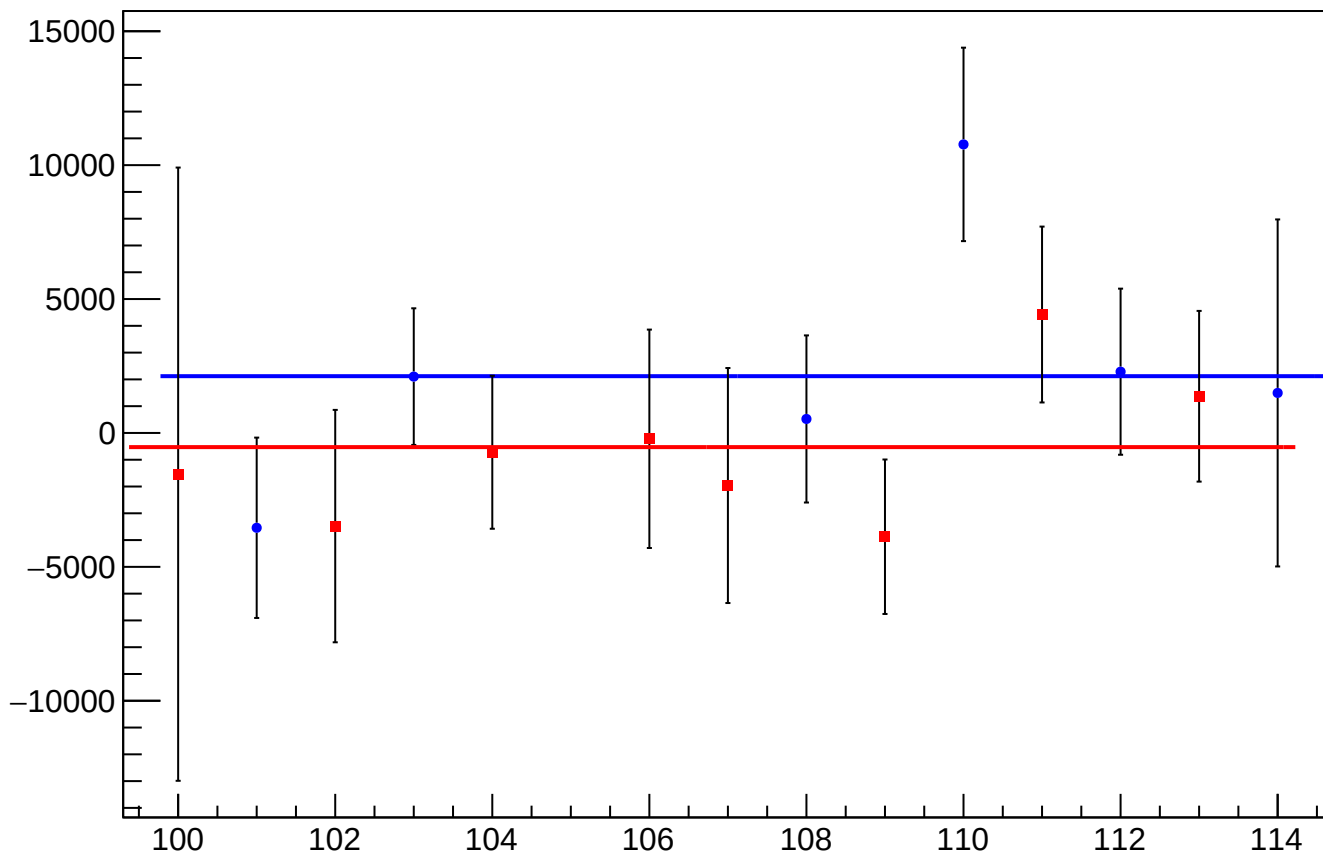
Right Out: 1292.933+/-0.728 χ^2/NDF : 2455739.8/7

All: 1269.687+/-0.521 χ^2/NDF : 4953451.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



Right In: 2120.067 $\pm$ 1349.522 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -528.654 $\pm$ 1283.712 χ^2 /NDF: 4.6/7

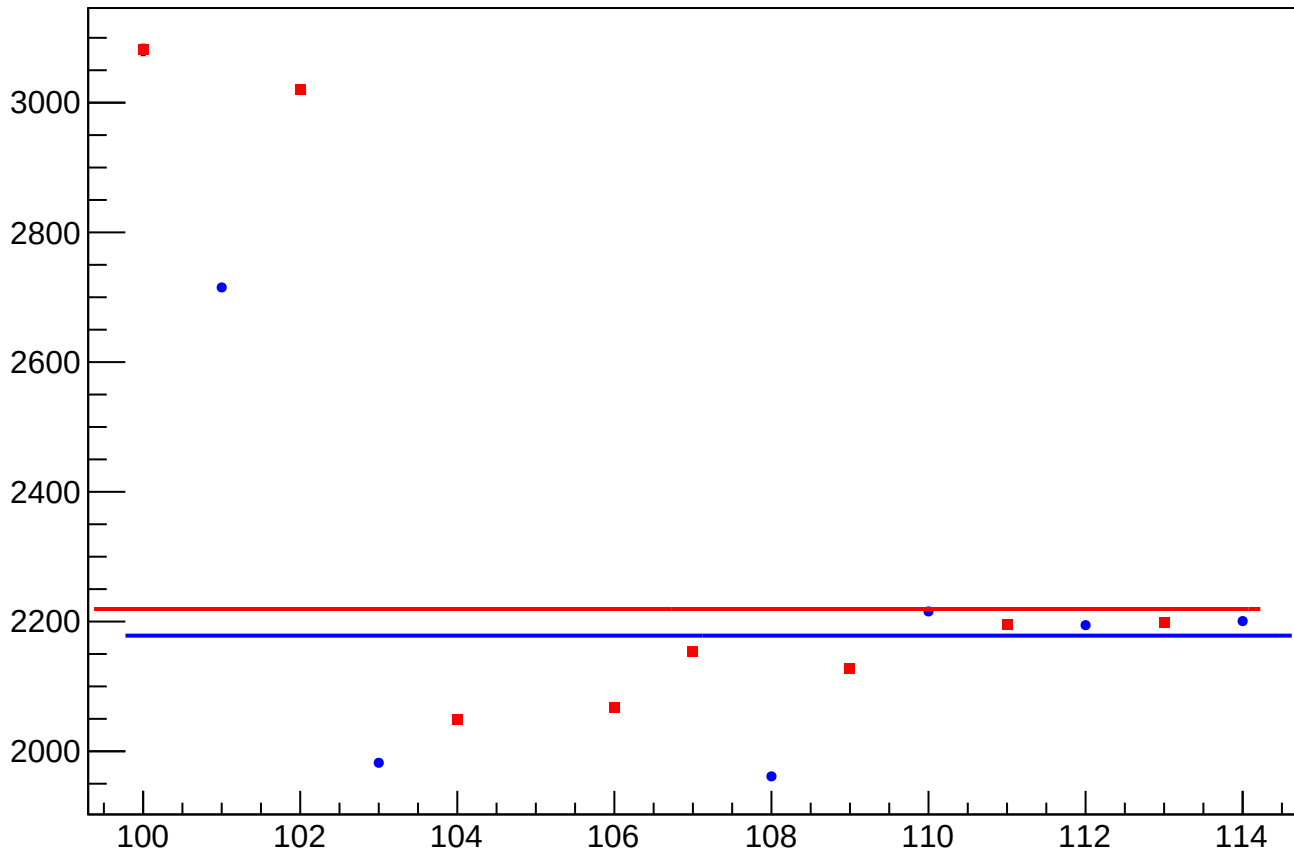
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 729.551 $\pm$ 930.117 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 2178.301+/-0.954 χ^2/NDF : 72618.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2219.349+/-0.905 χ^2/NDF : 92270.7/7

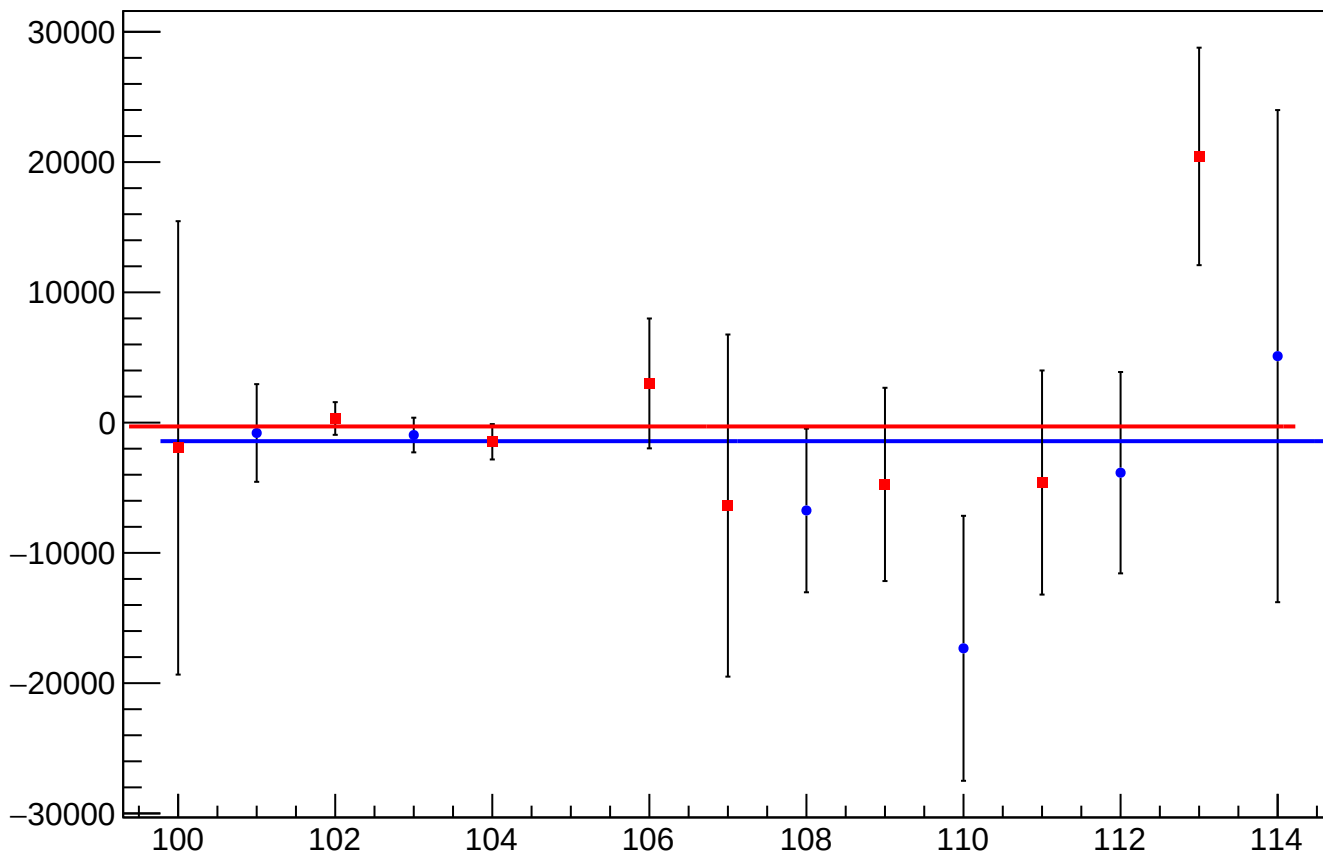
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.903+/-0.657 χ^2/NDF : 165862.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -1423.568 $\pm$ 1203.269 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -293.966 $\pm$ 886.146 χ^2 /NDF: 8.4/7

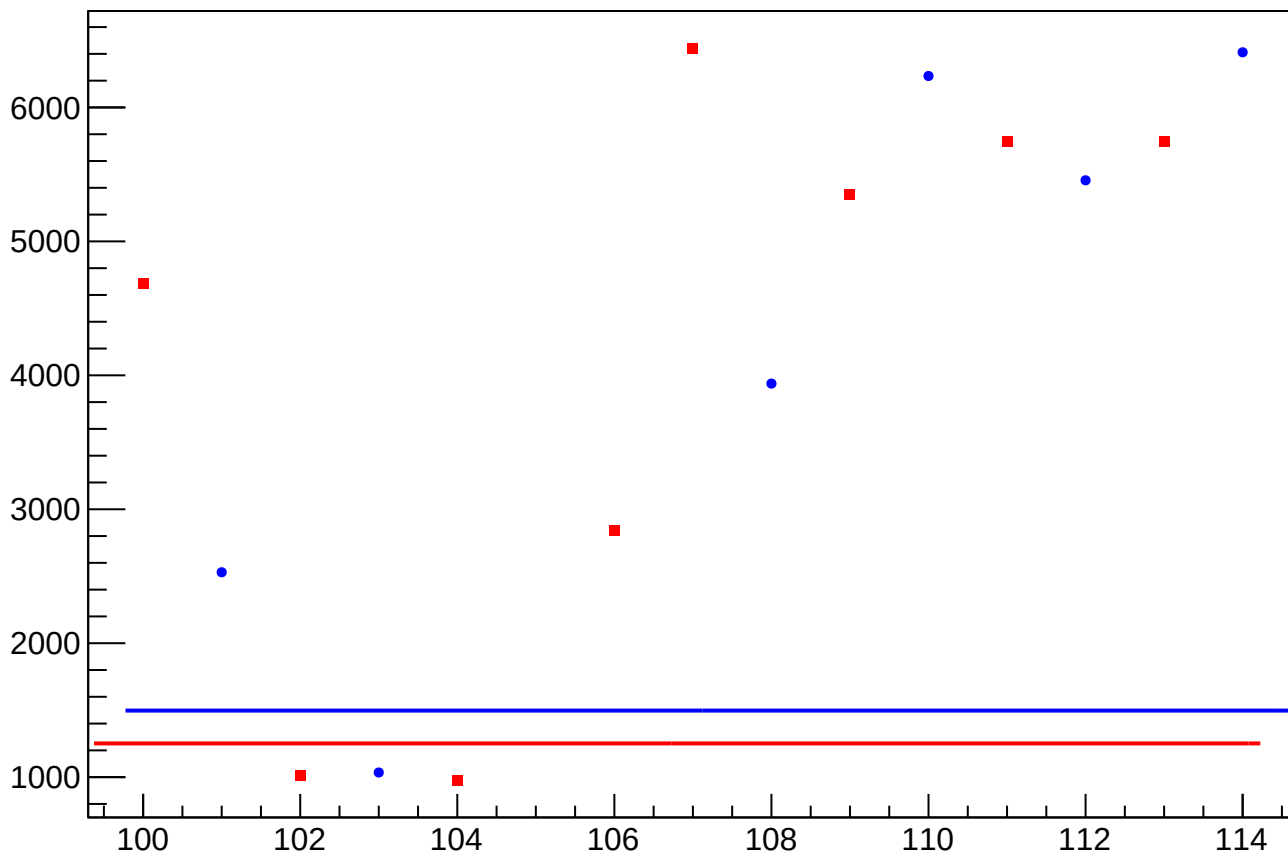
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -691.181 $\pm$ 713.531 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 1497.063+/-0.851 χ^2/NDF : 1789410.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.819+/-0.627 χ^2/NDF : 2488034.6/7

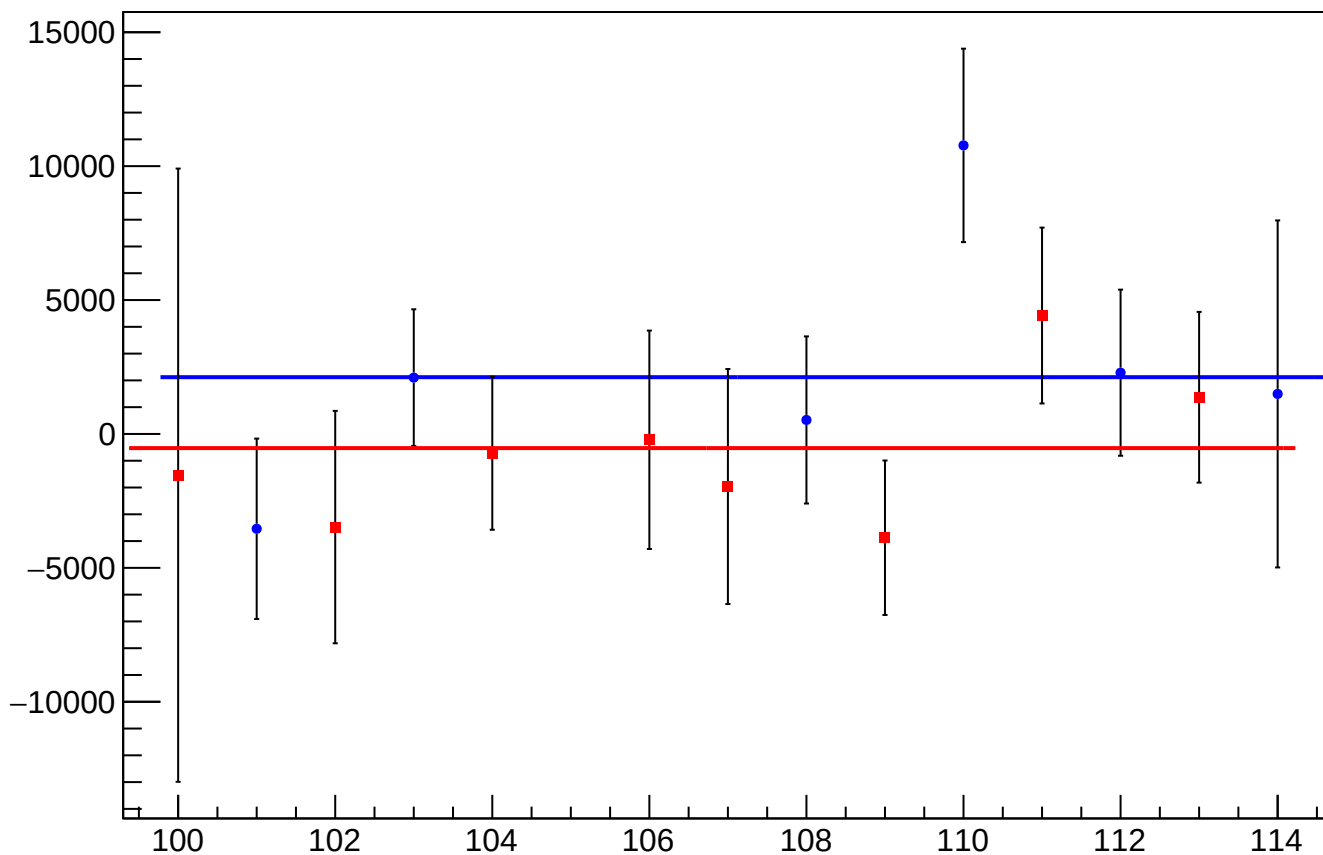
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.057+/-0.505 χ^2/NDF : 4331310.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_mean vs Slug



Right In: 2120.061 +/- 1349.521 χ^2/NDF : 8.8/5

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -528.657 +/- 1283.712 χ^2/NDF : 4.6/7

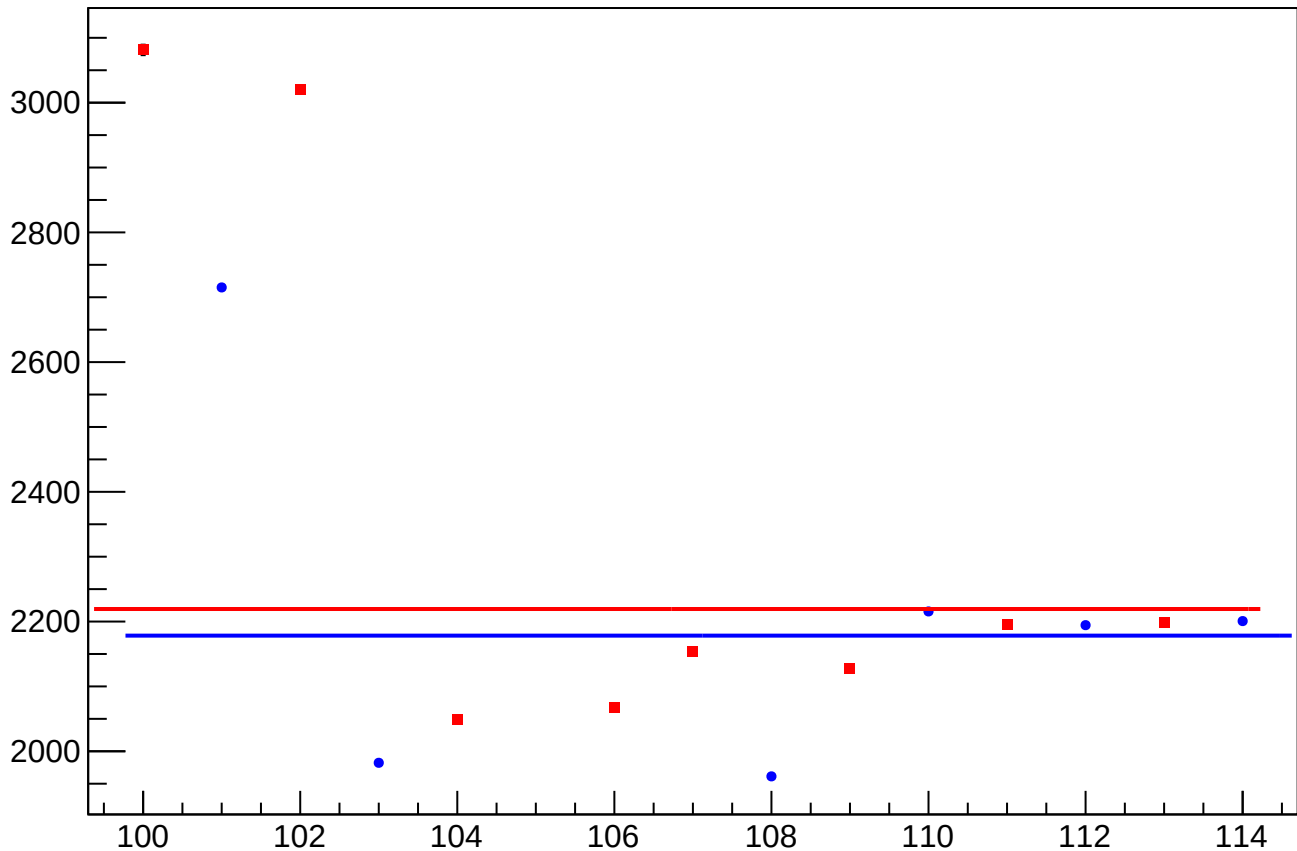
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 729.546 +/- 930.117 χ^2/NDF : 15.4/13

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 2178.299 $\pm$ 0.954 χ^2 /NDF: 72619.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2219.347 $\pm$ 0.905 χ^2 /NDF: 92270.2/7

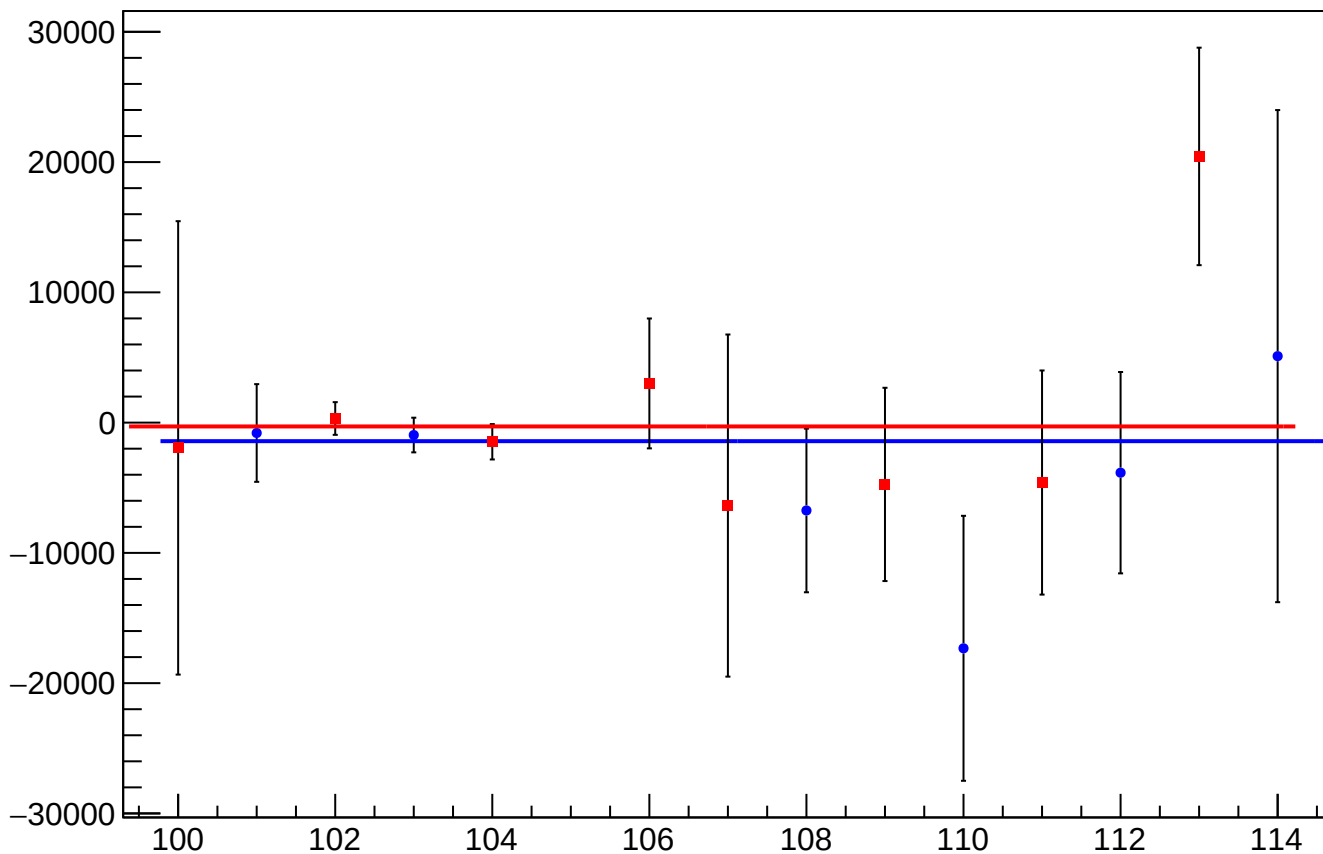
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2199.901 $\pm$ 0.657 χ^2 /NDF: 165863.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



Right In: -1423.574 $\pm$ 1203.269 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -293.960 $\pm$ 886.146 χ^2 /NDF: 8.4/7

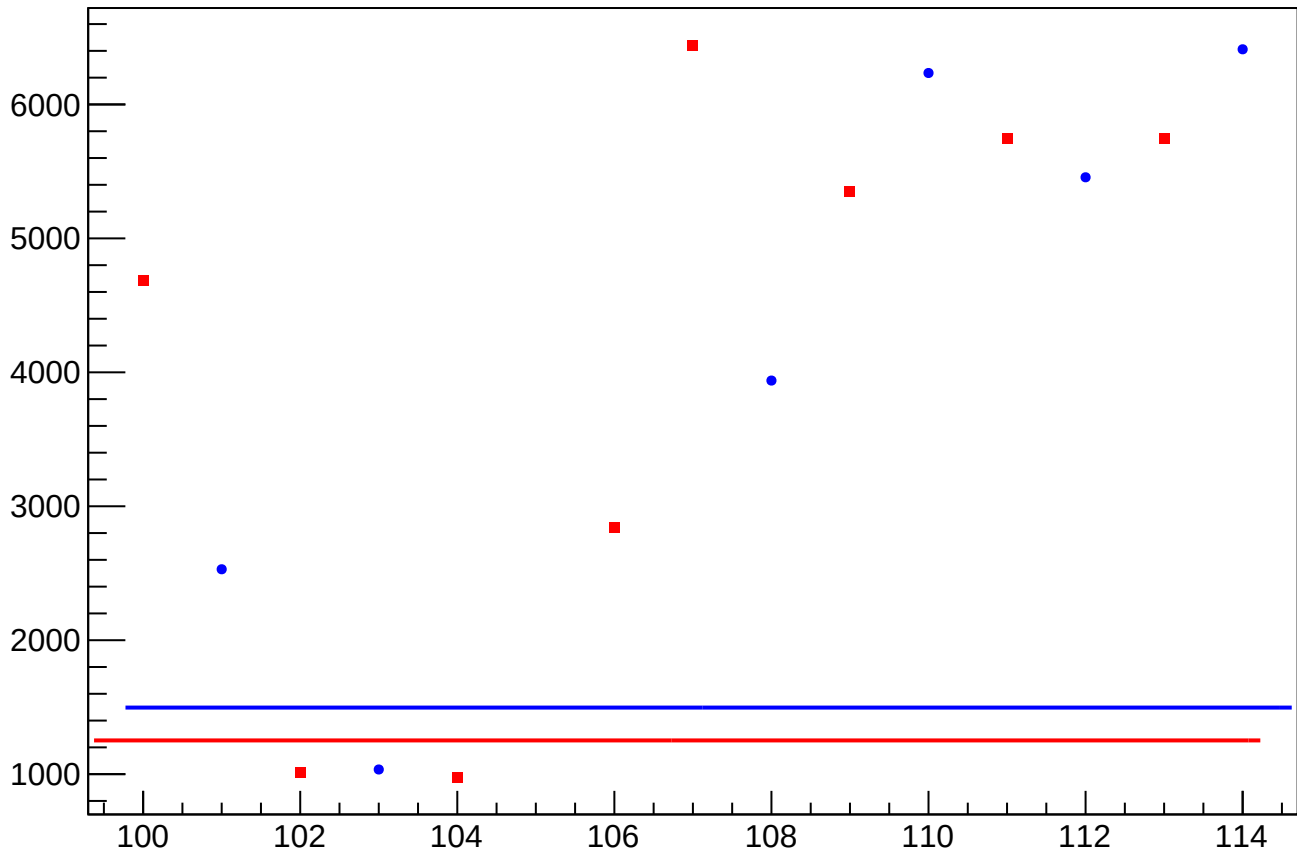
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -691.179 $\pm$ 713.531 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 1497.062+/-0.851 χ^2/NDF : 1789410.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.819+/-0.627 χ^2/NDF : 2488033.0/7

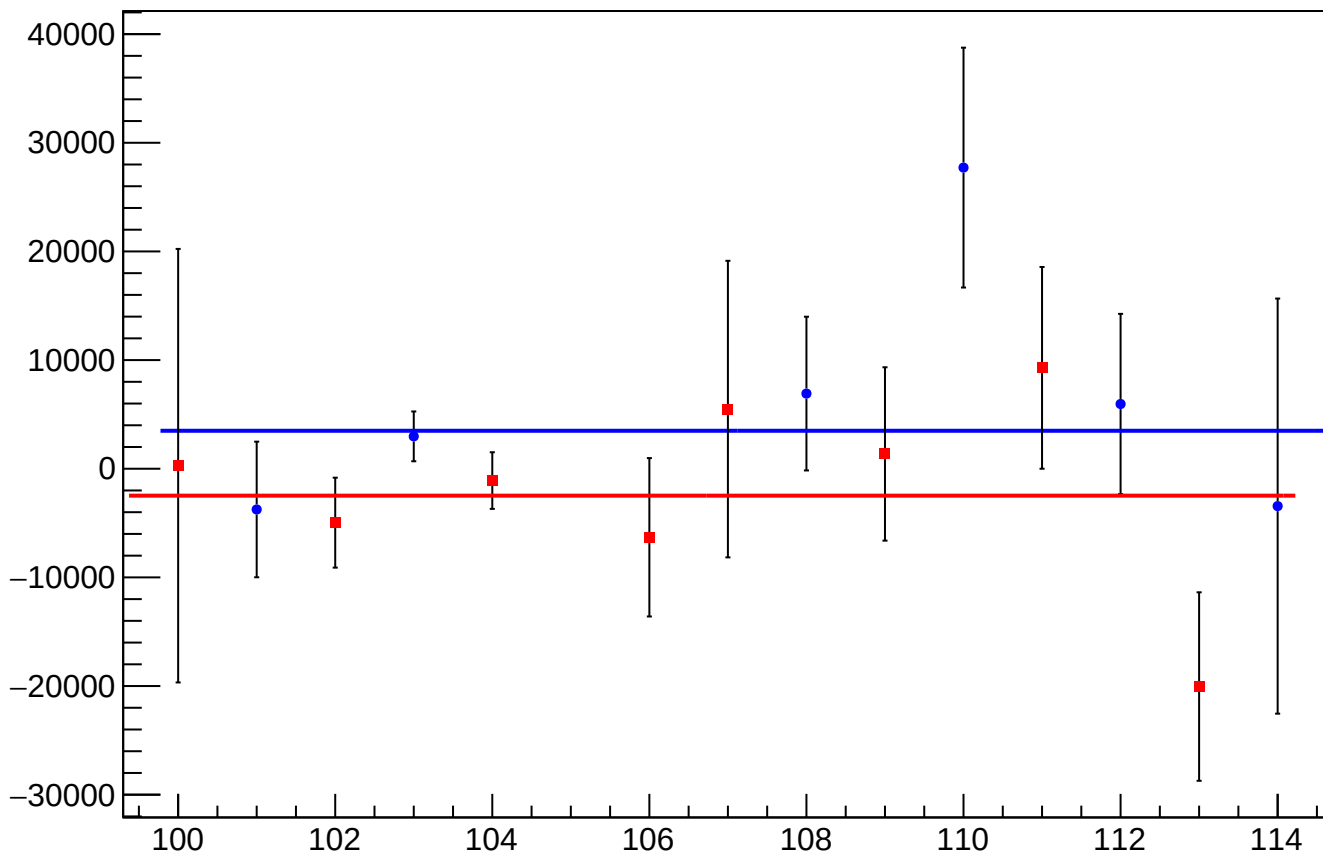
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.056+/-0.505 χ^2/NDF : 4331308.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 3494.409+/-1955.468 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2477.341+/-1914.405 χ^2/NDF : 7.2/7

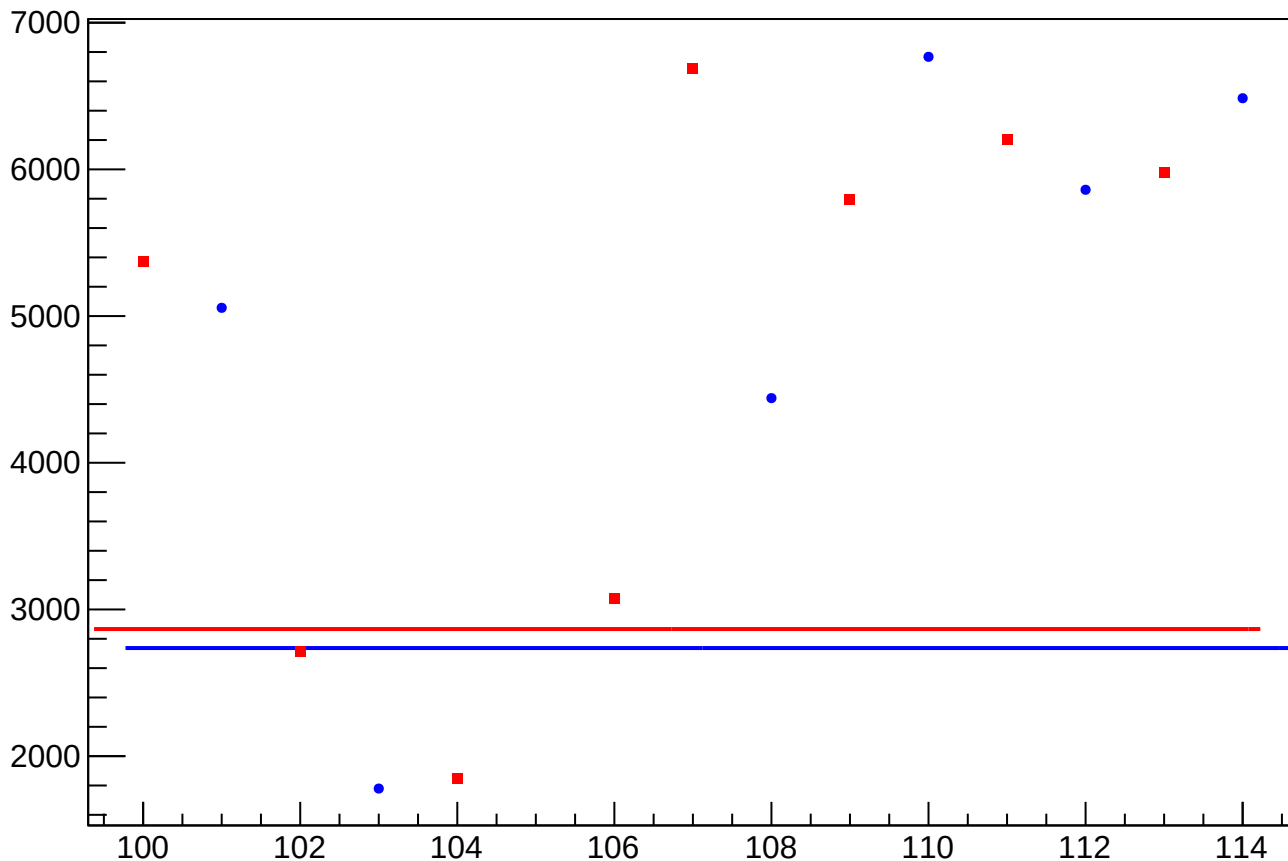
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.175+/-1367.976 χ^2/NDF : 18.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 2736.951+/-1.383 χ^2/NDF : 1368896.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2866.544+/-1.333 χ^2/NDF : 1282459.2/7

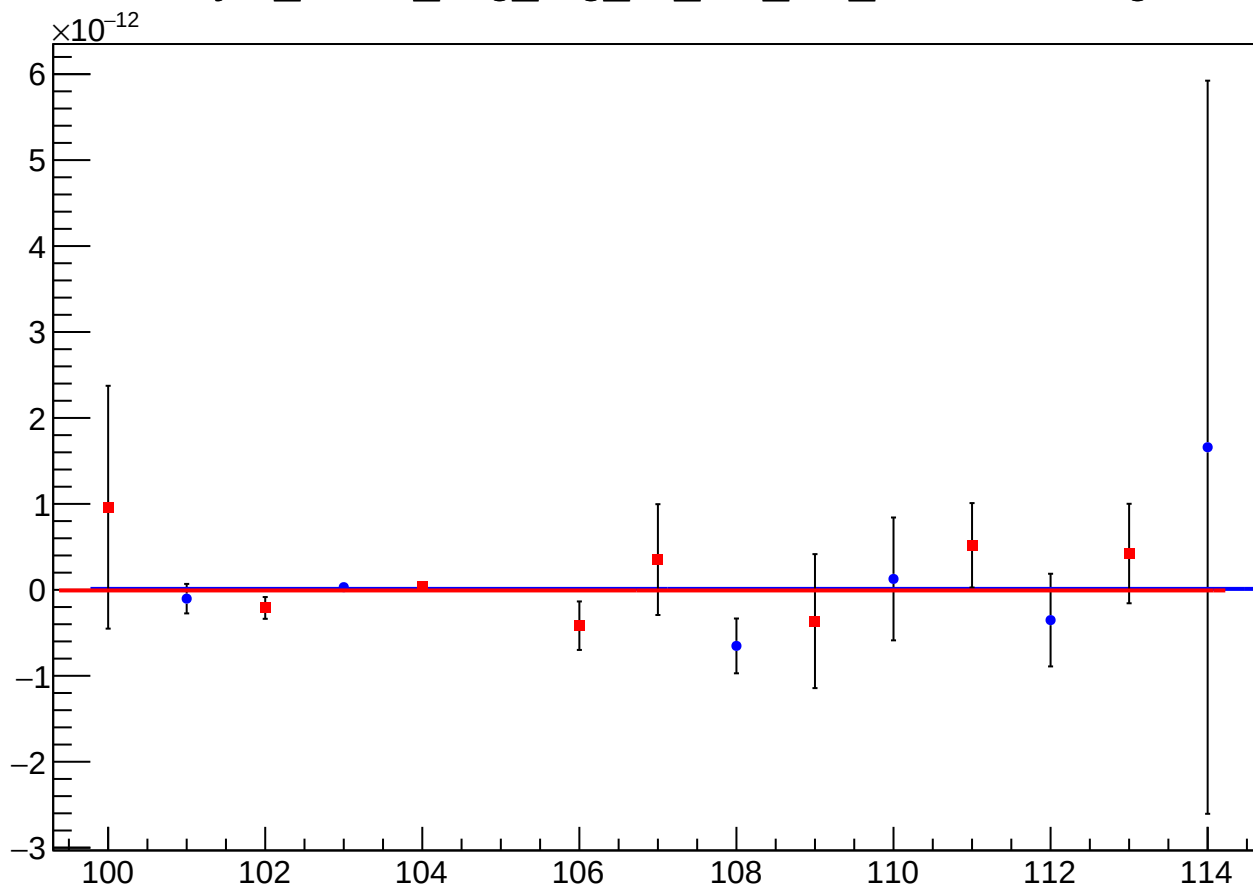
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.105+/-0.960 χ^2/NDF : 2655907.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/7

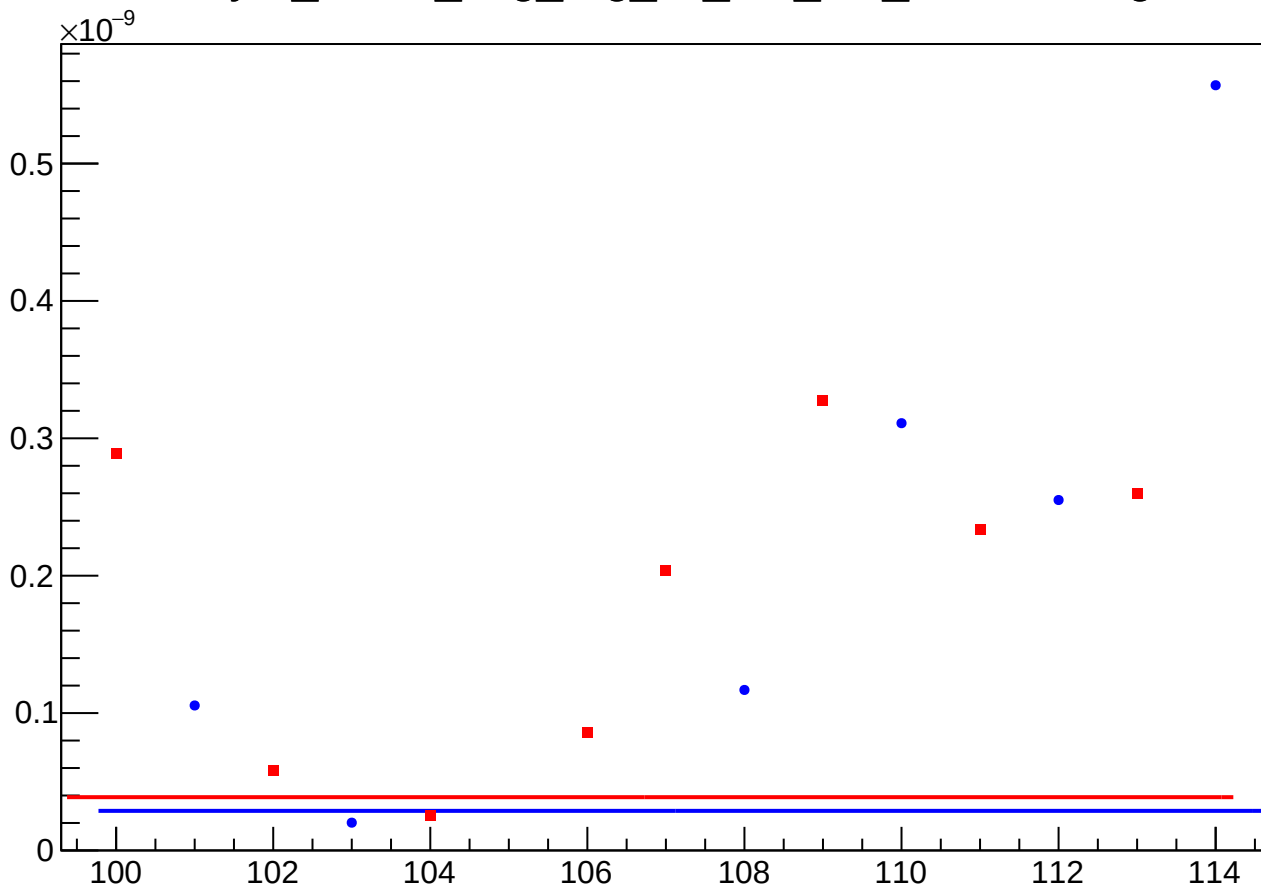
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1330727.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1289940.5/7

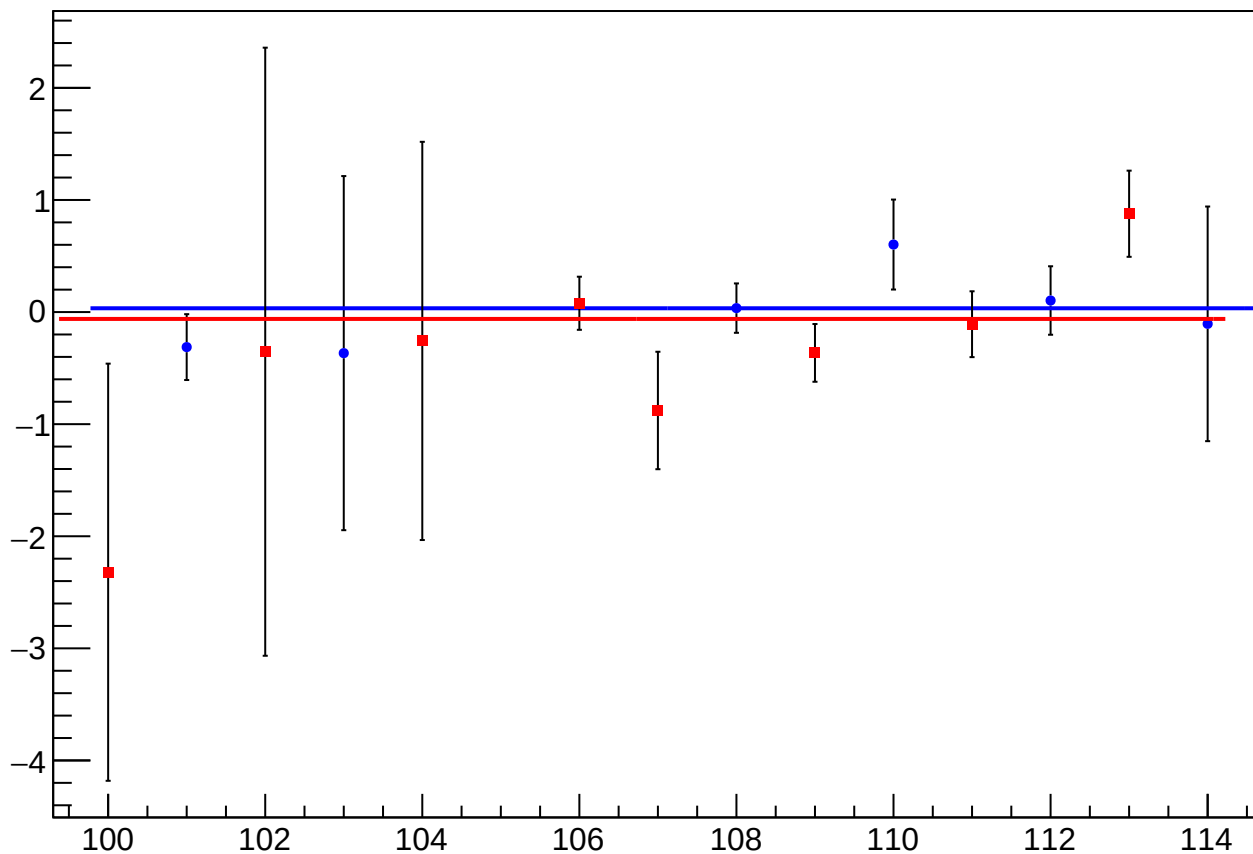
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2669623.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.141 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.134 χ^2 /NDF: 11.6/7

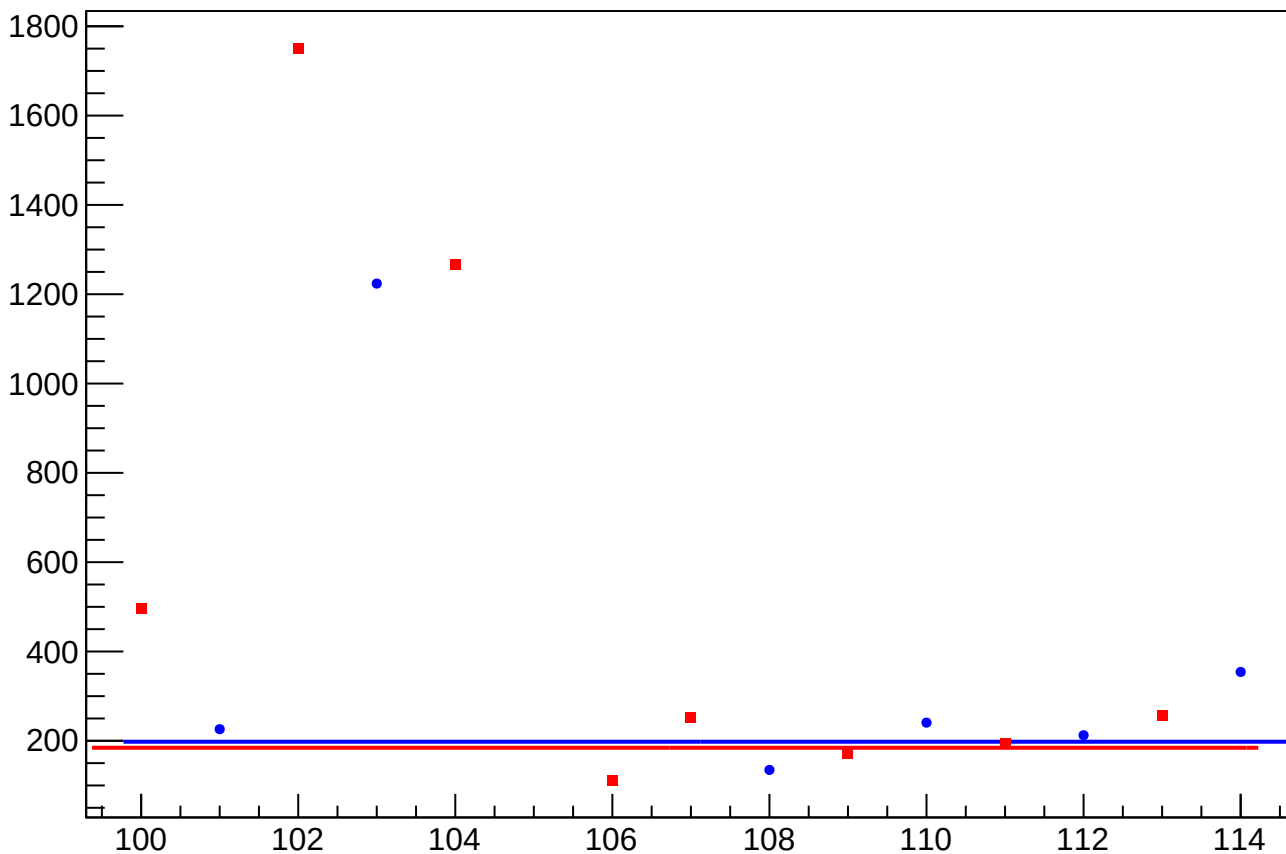
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.097 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 197.946+/-0.100 χ^2/NDF : 1098243.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.469+/-0.095 χ^2/NDF : 1770735.3/7

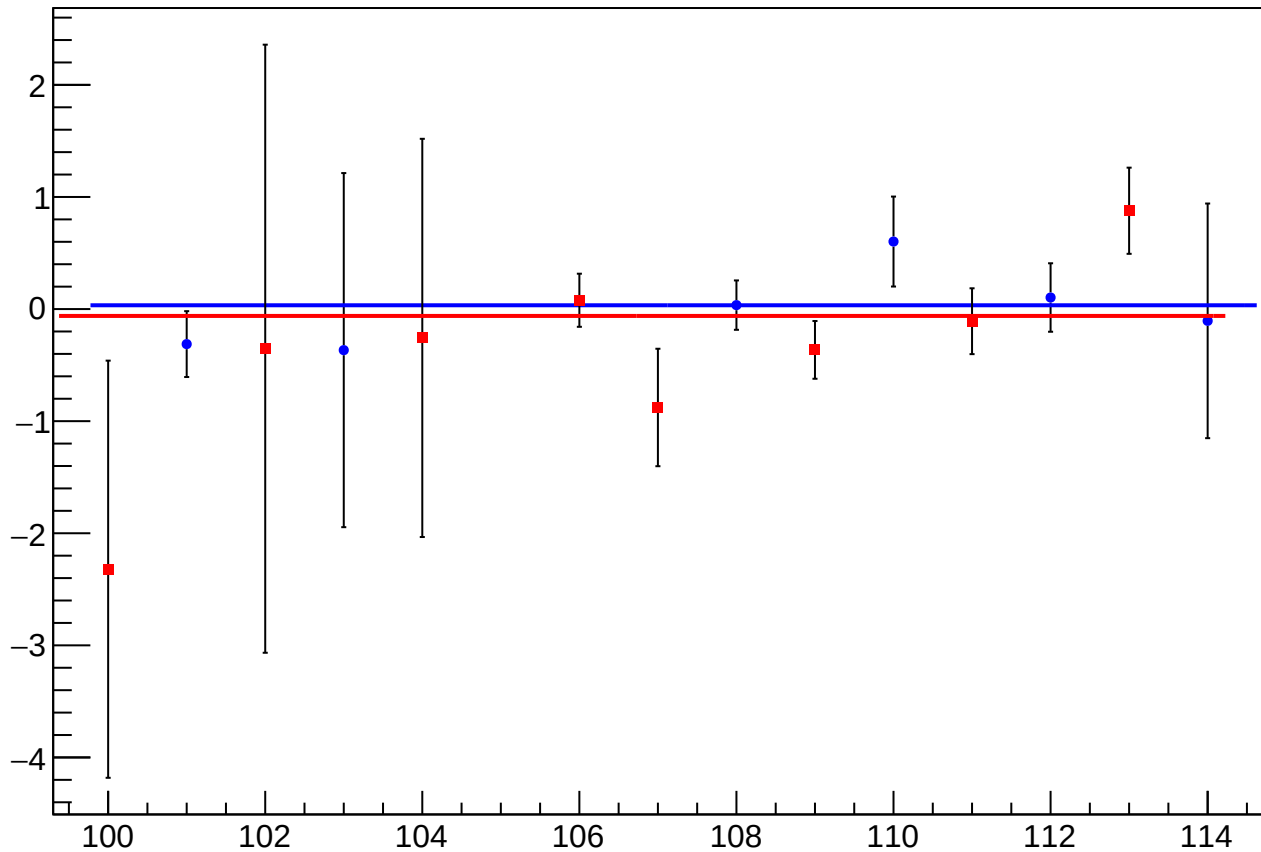
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.878+/-0.069 χ^2/NDF : 2878589.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.141 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.061 $\pm$ 0.134 χ^2 /NDF: 11.6/7

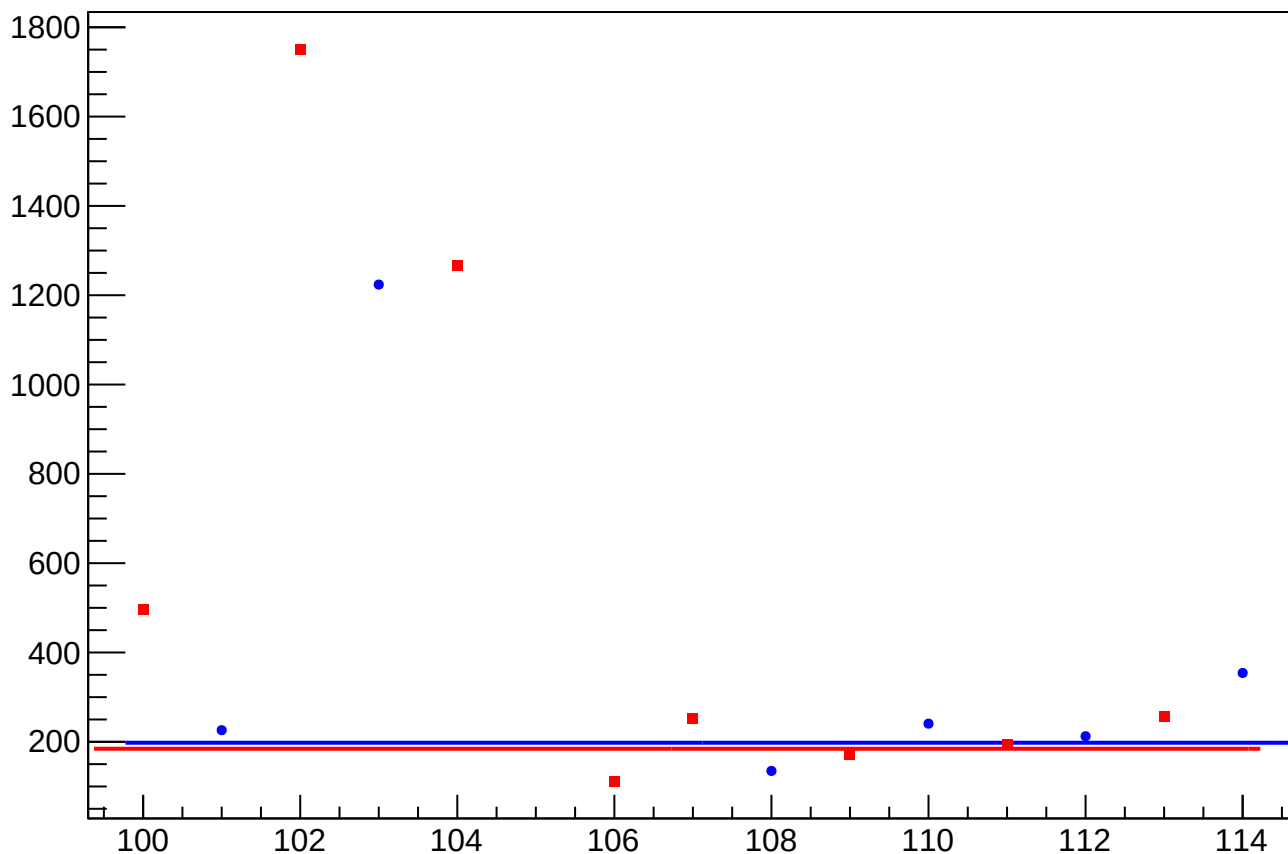
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.097 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 197.946+/-0.100 χ^2/NDF : 1098243.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.469+/-0.095 χ^2/NDF : 1770735.3/7

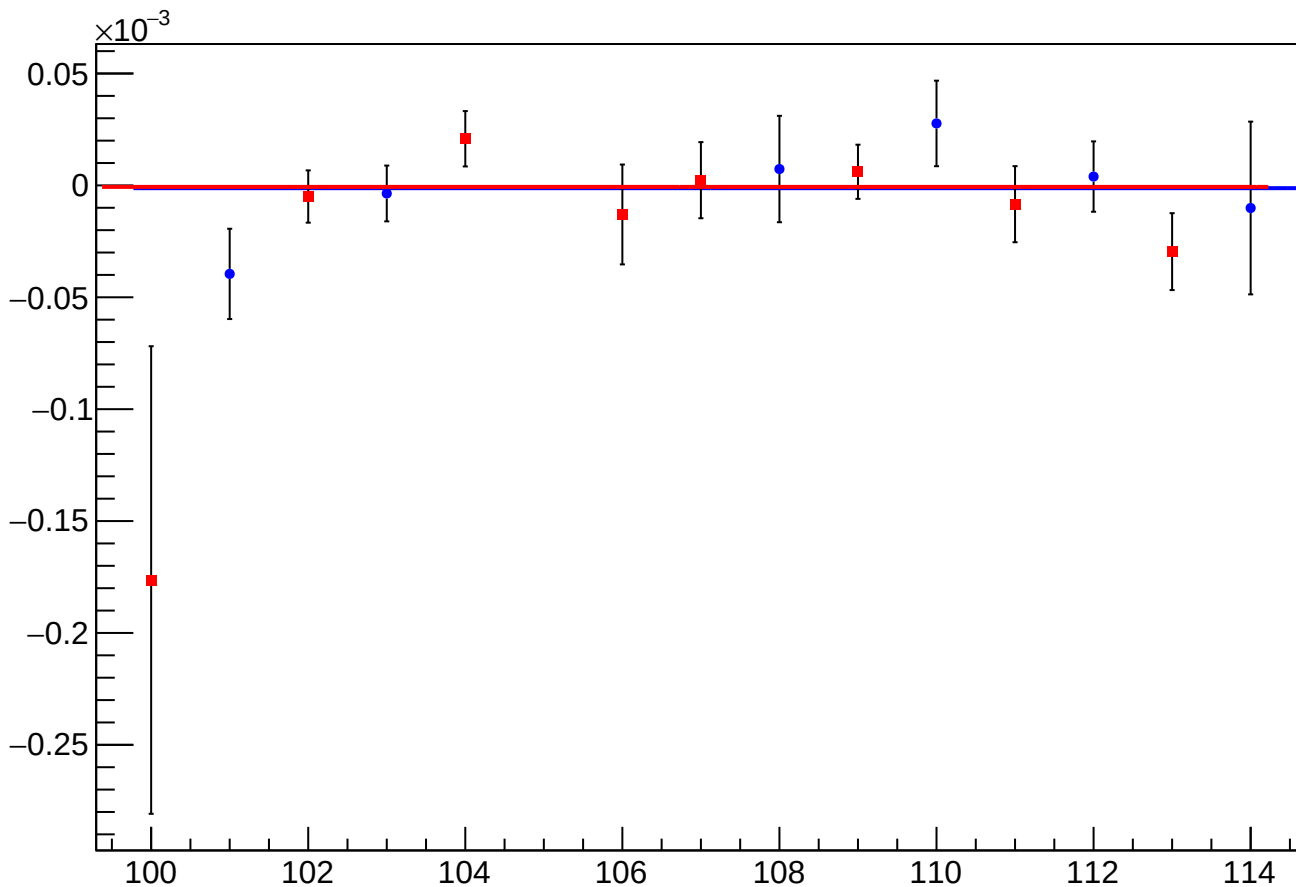
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.878+/-0.069 χ^2/NDF : 2878589.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/7

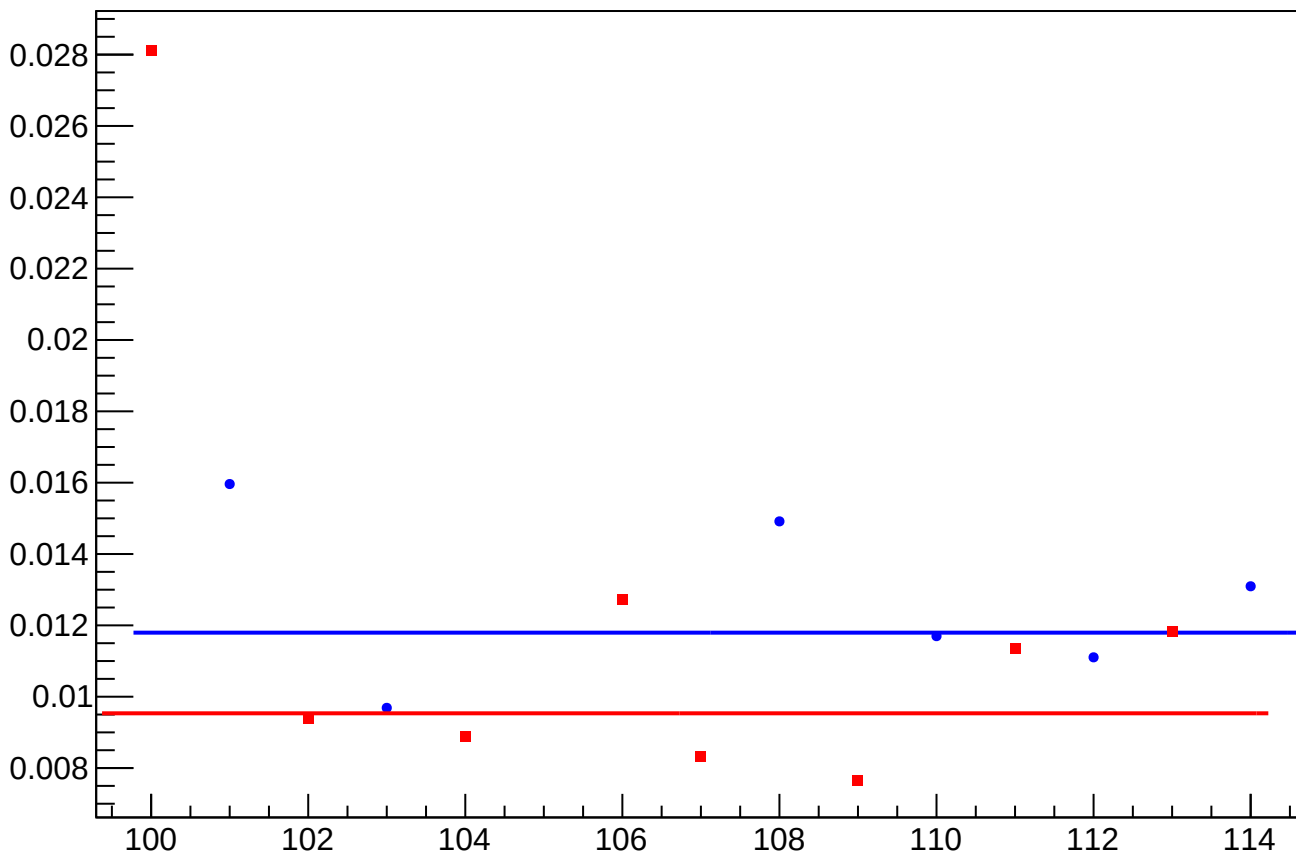
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 183063.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 226848.1/7

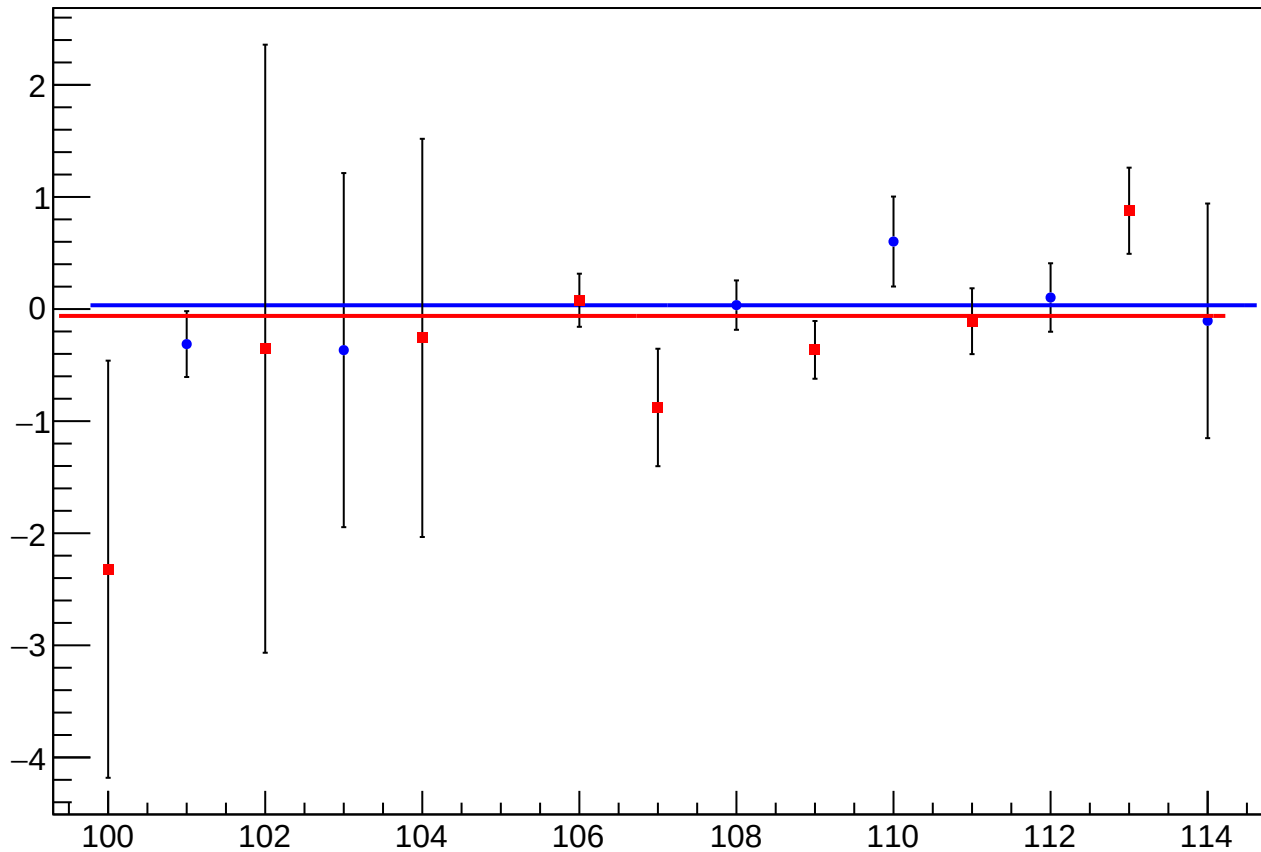
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 529581.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.141 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.061 $\pm$ 0.134 χ^2 /NDF: 11.6/7

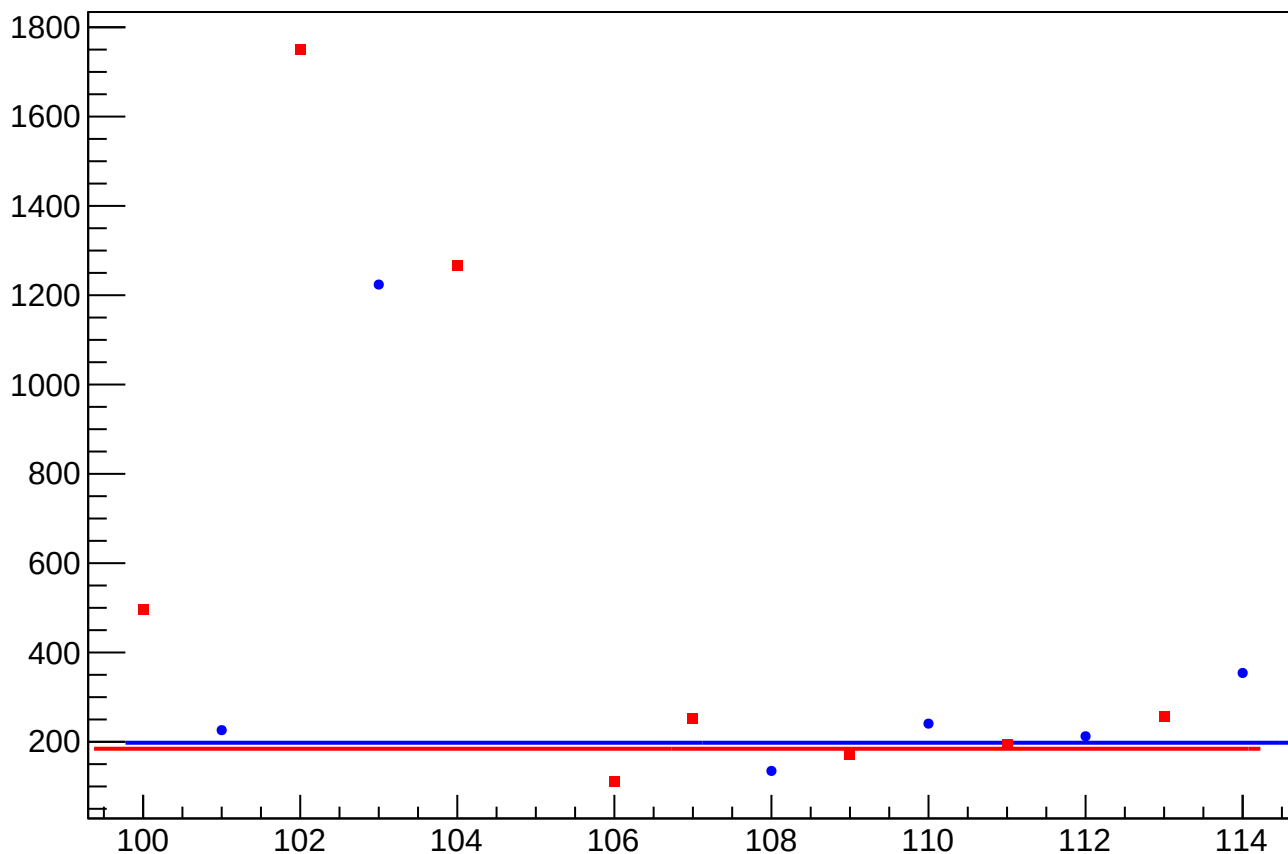
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.097 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 197.946+/-0.100 χ^2/NDF : 1098248.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.467+/-0.095 χ^2/NDF : 1770761.0/7

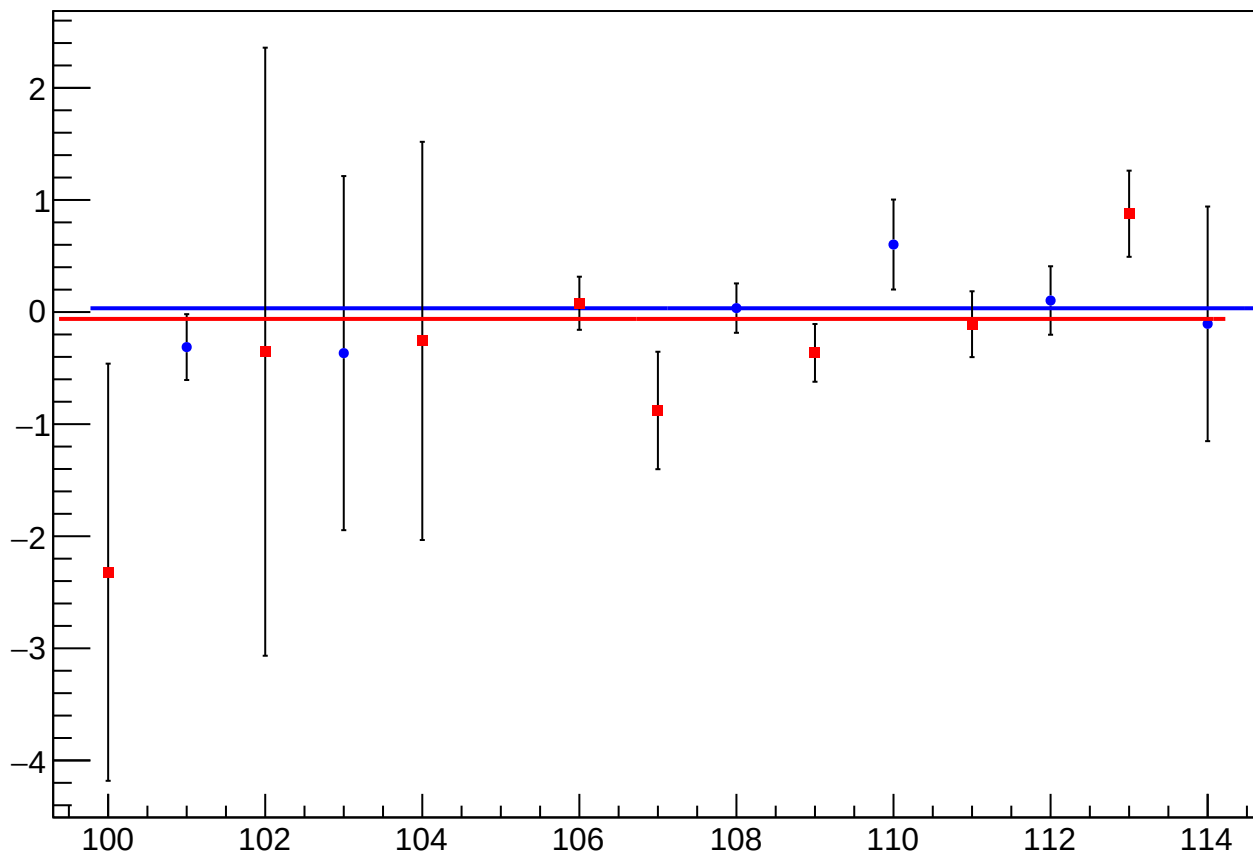
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.877+/-0.069 χ^2/NDF : 2878622.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.141 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.061 $\pm$ 0.134 χ^2 /NDF: 11.6/7

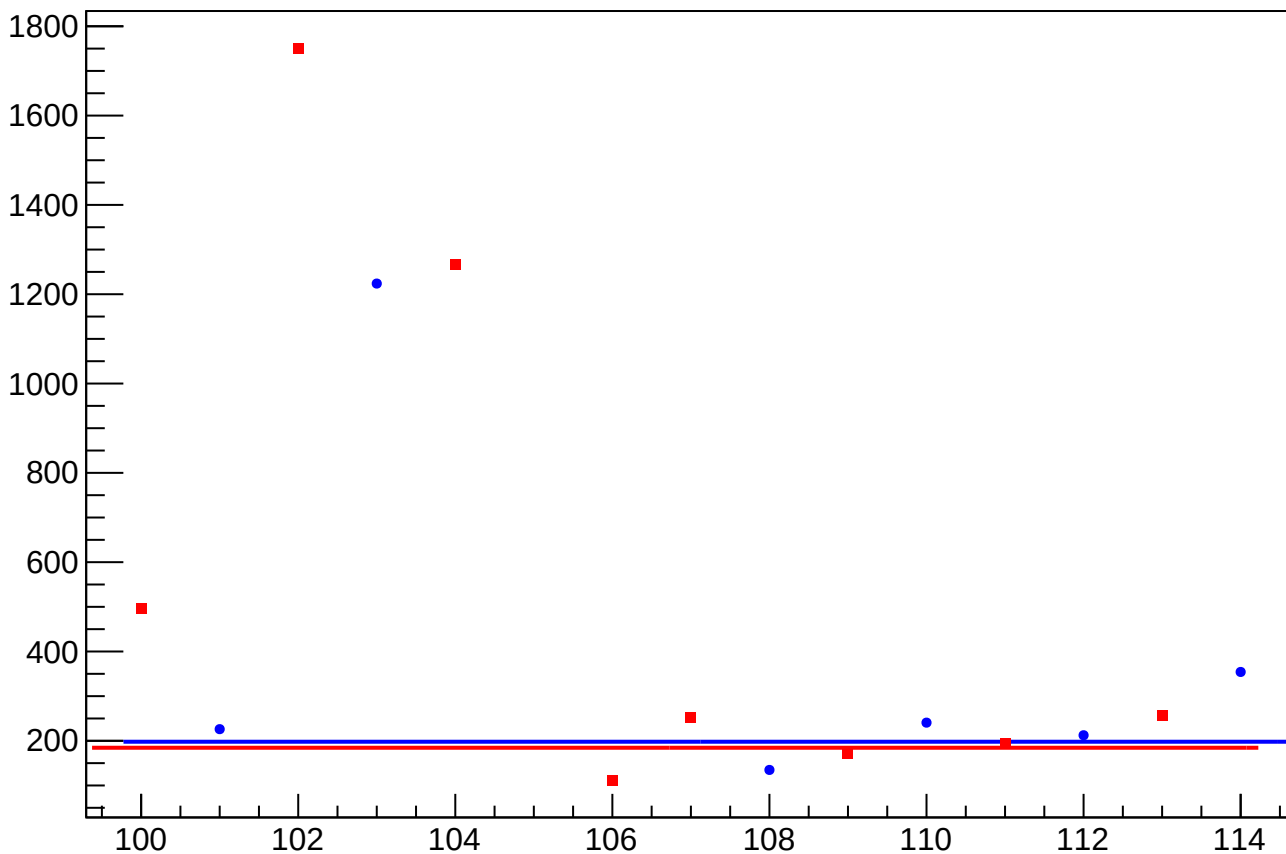
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.097 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 197.946+/-0.100 χ^2/NDF : 1098248.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.467+/-0.095 χ^2/NDF : 1770761.0/7

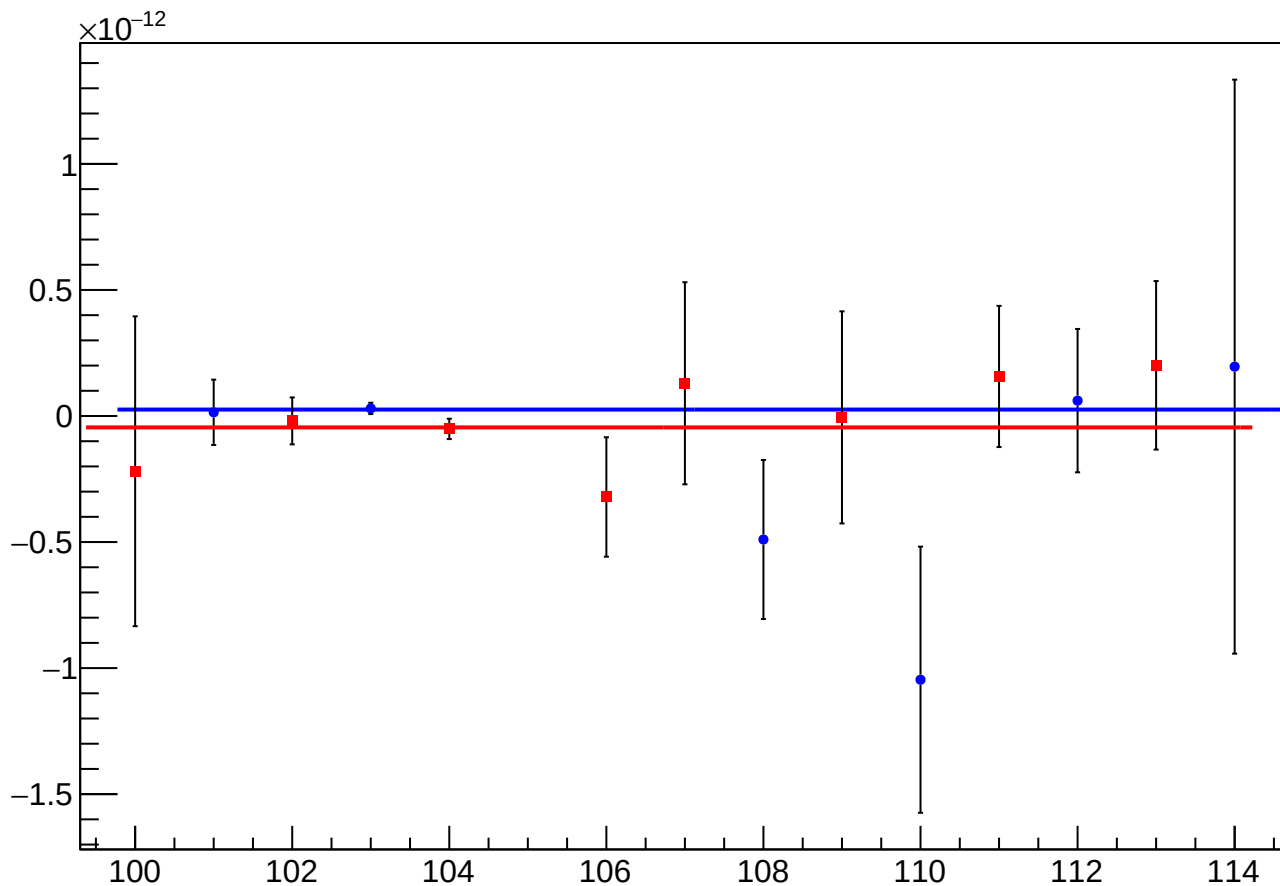
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.877+/-0.069 χ^2/NDF : 2878622.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/7

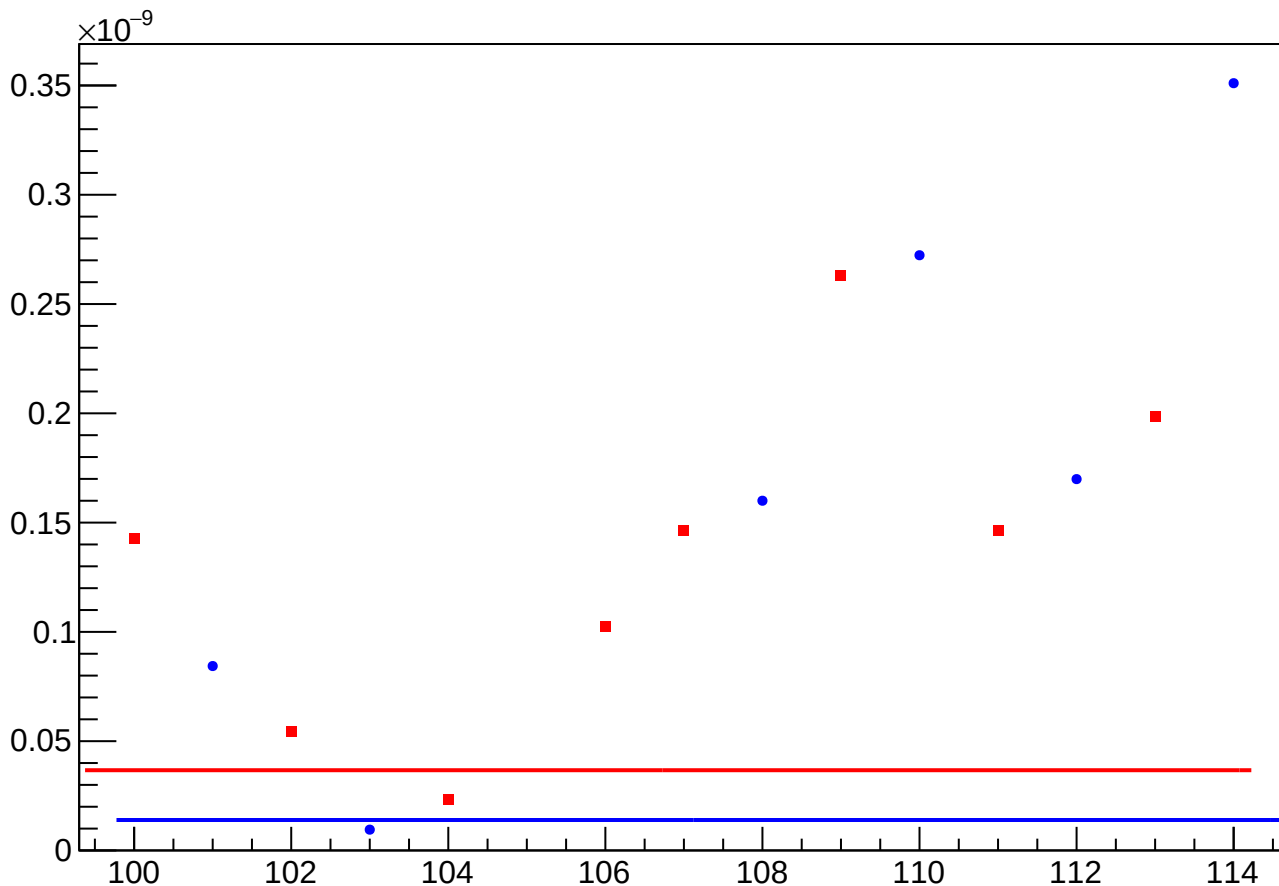
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2353765.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2017339.5/7

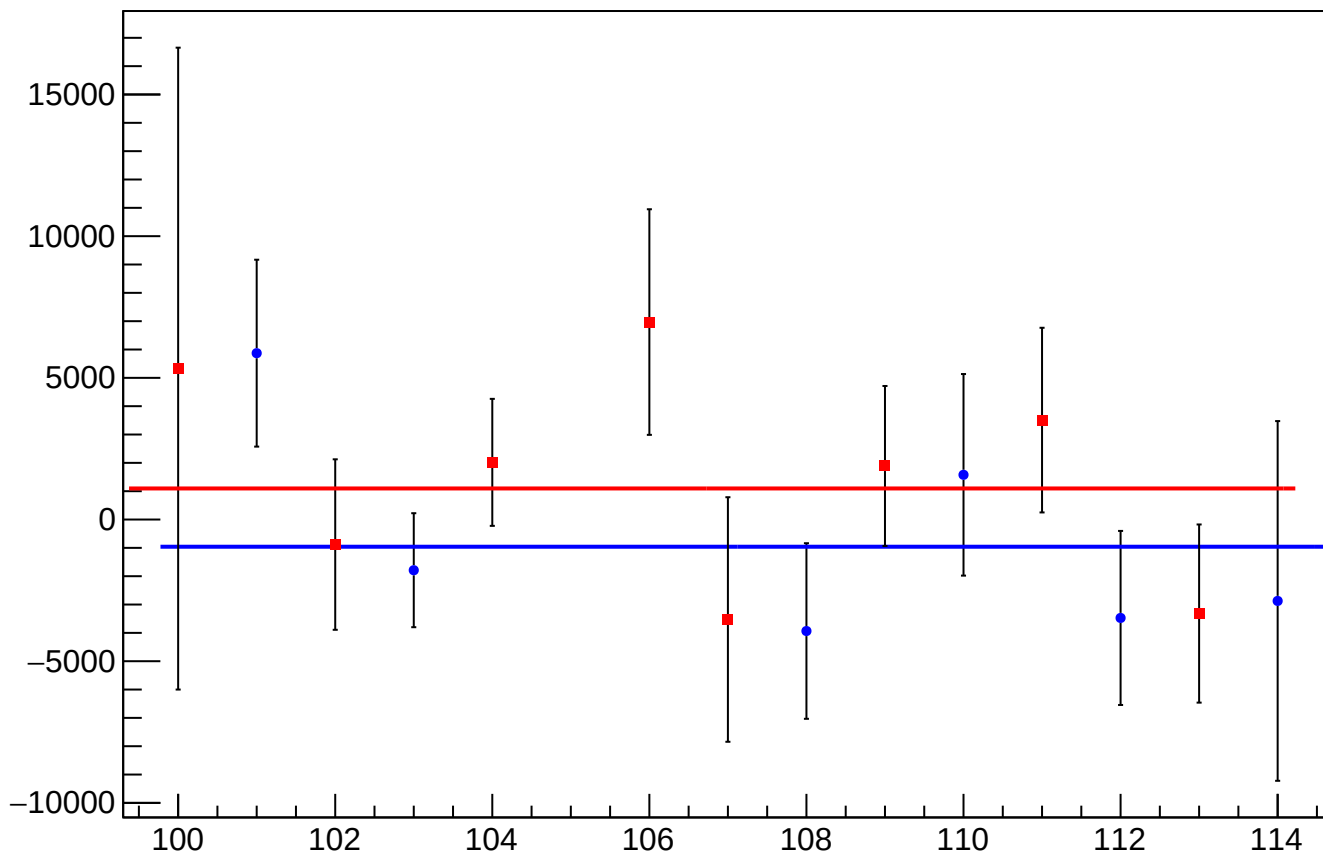
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4961824.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -959.792+/-1237.411 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1096.458+/-1150.806 χ^2/NDF : 6.7/7

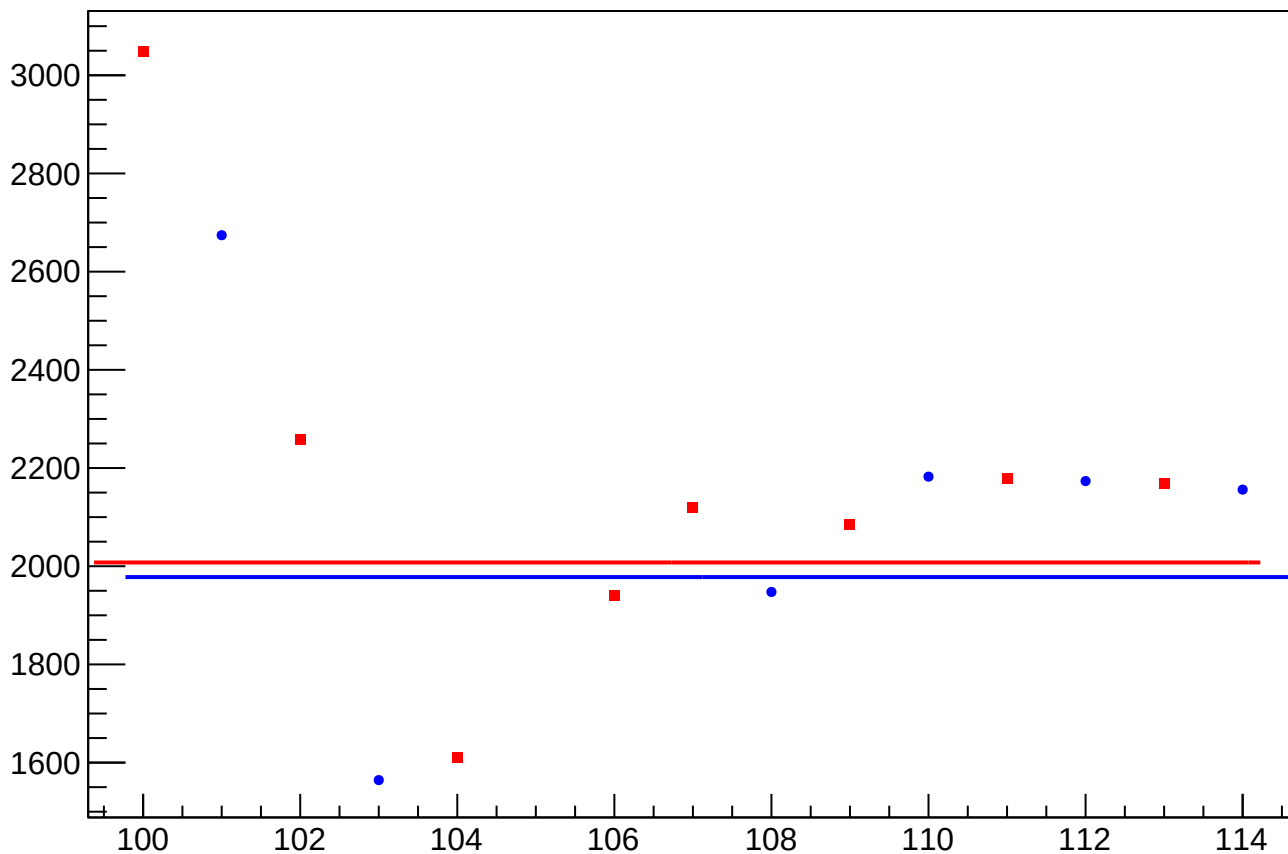
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.802+/-842.698 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1977.885+/-0.875 χ^2/NDF : 190160.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

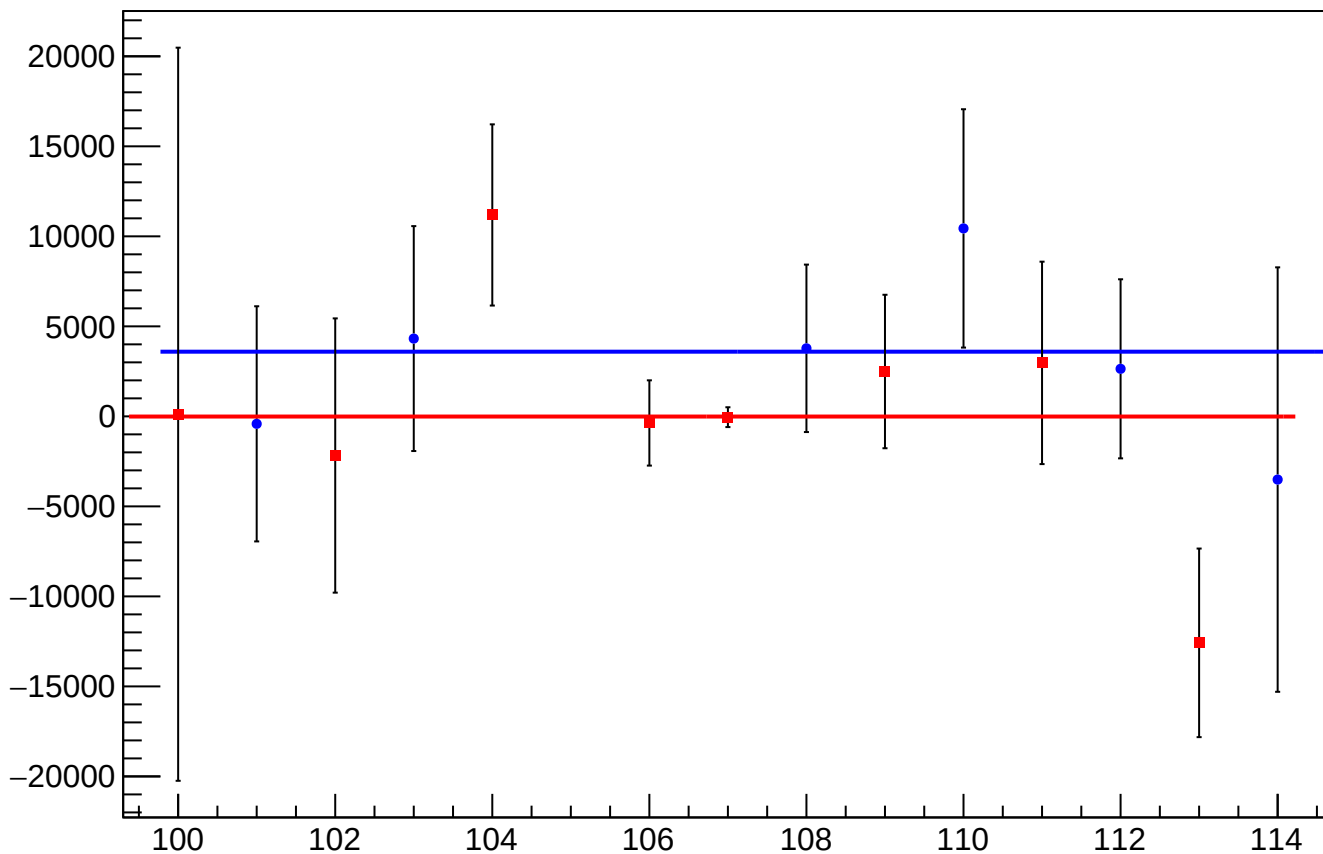
Right Out: 2007.651+/-0.809 χ^2/NDF : 108022.9/7

All: 1993.937+/-0.594 χ^2/NDF : 298807.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 3592.608 $\pm$ 2456.301 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.796 $\pm$ 522.601 χ^2 /NDF: 11.4/7

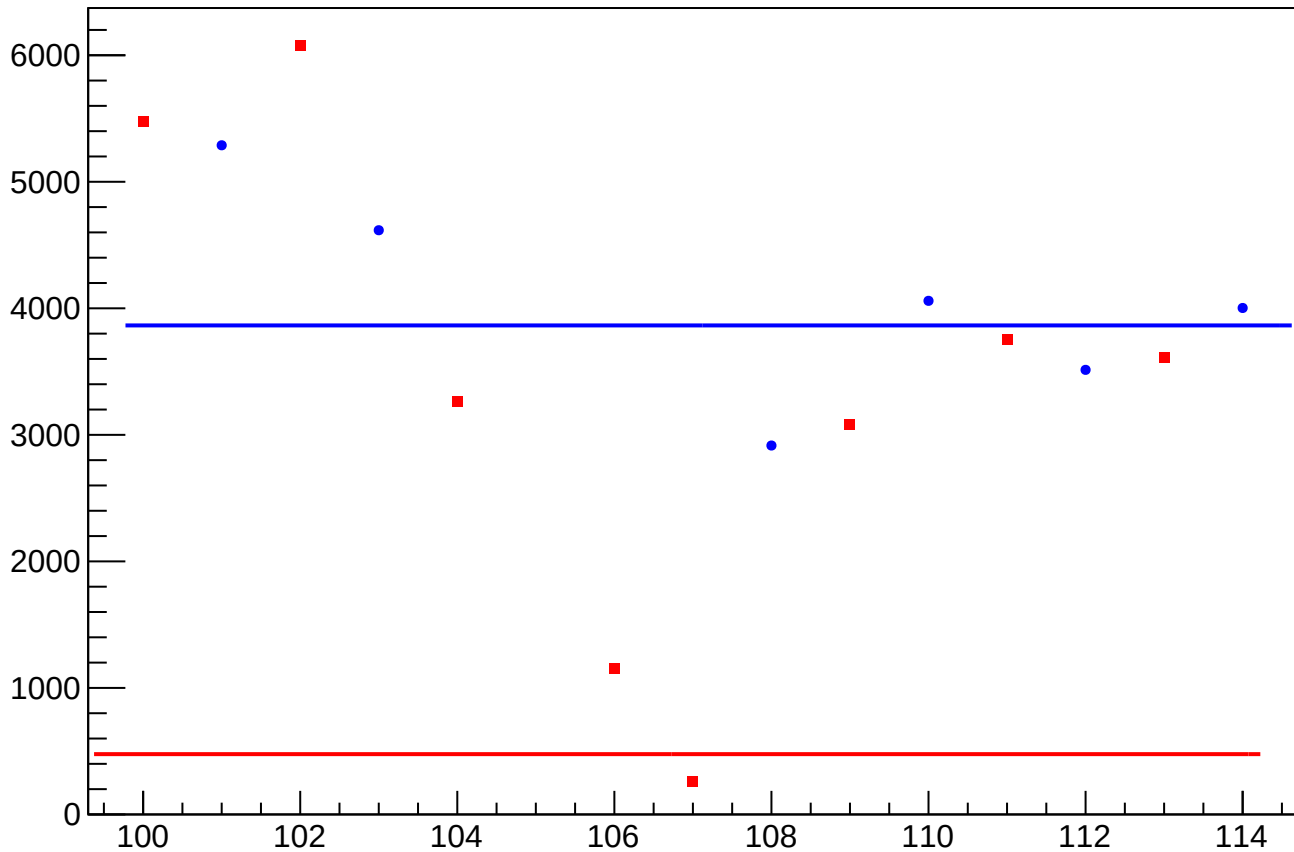
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.210 $\pm$ 511.160 χ^2 /NDF: 15.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3864.827 $\pm$ 1.737 χ^2 /NDF: 219305.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 476.698 $\pm$ 0.370 χ^2 /NDF: 4420388.5/7

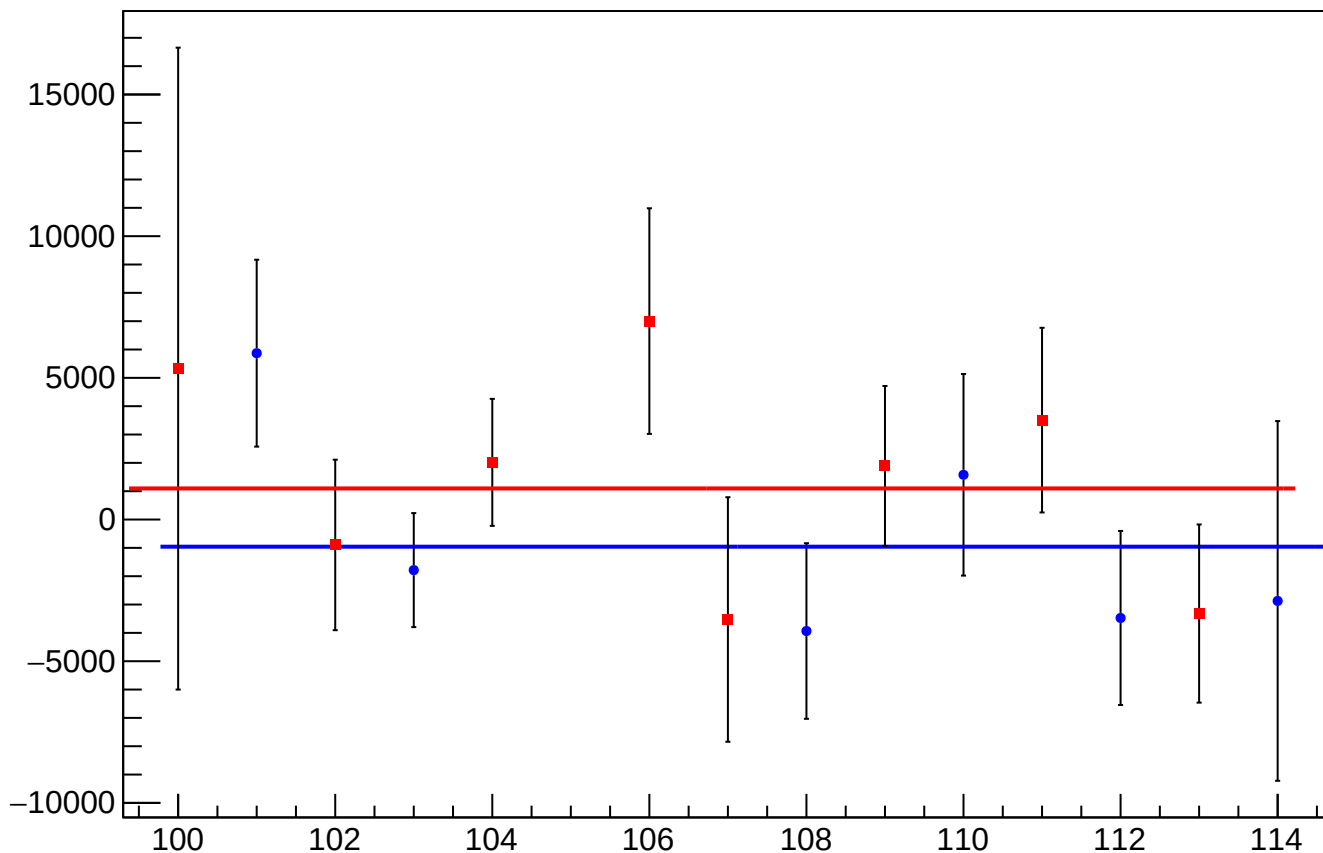
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 623.425 $\pm$ 0.361 χ^2 /NDF: 8280180.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



Right In: -958.257+/-1237.412 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1097.452+/-1150.814 χ^2/NDF : 6.7/7

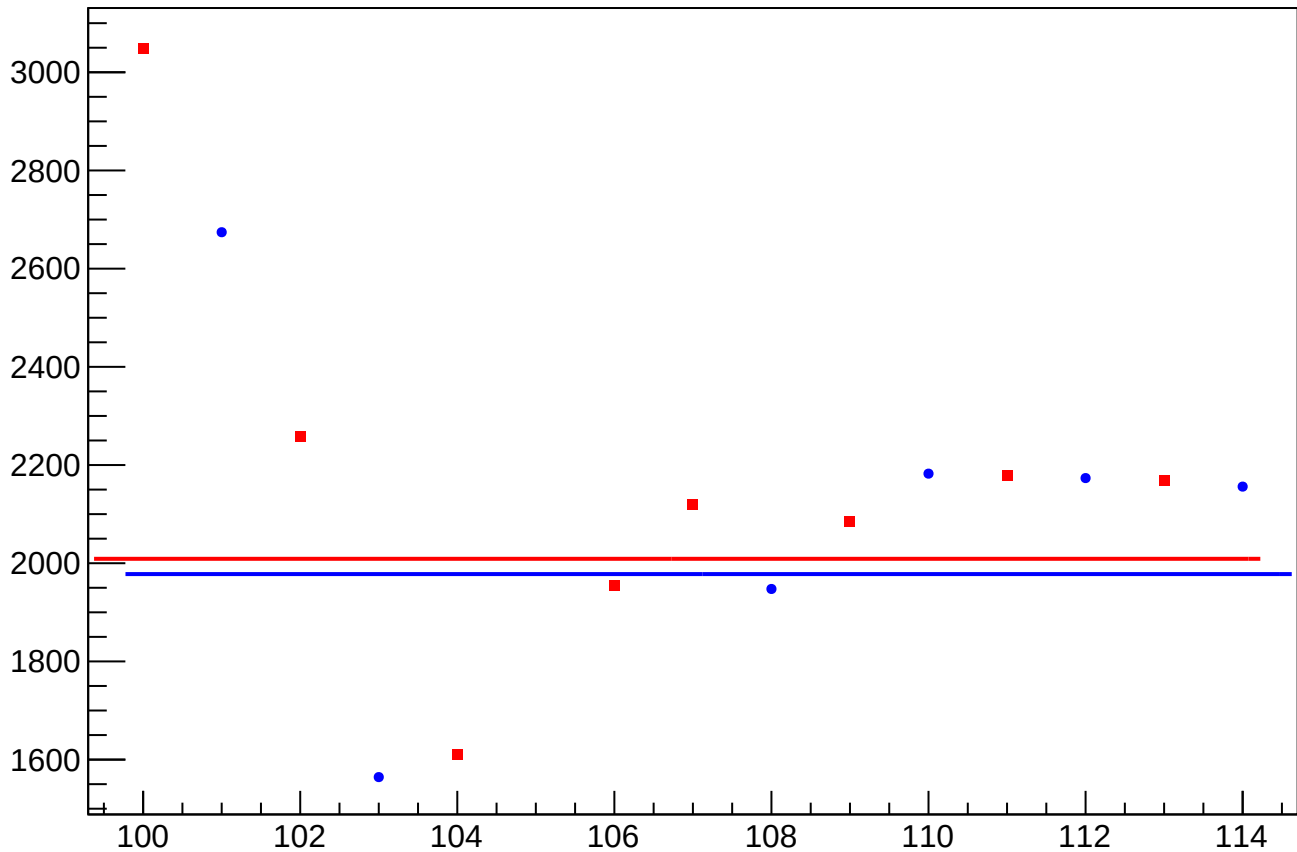
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.041+/-842.701 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1977.886 $\pm$ 0.875 χ^2 /NDF: 190159.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2009.002 $\pm$ 0.809 χ^2 /NDF: 107778.7/7

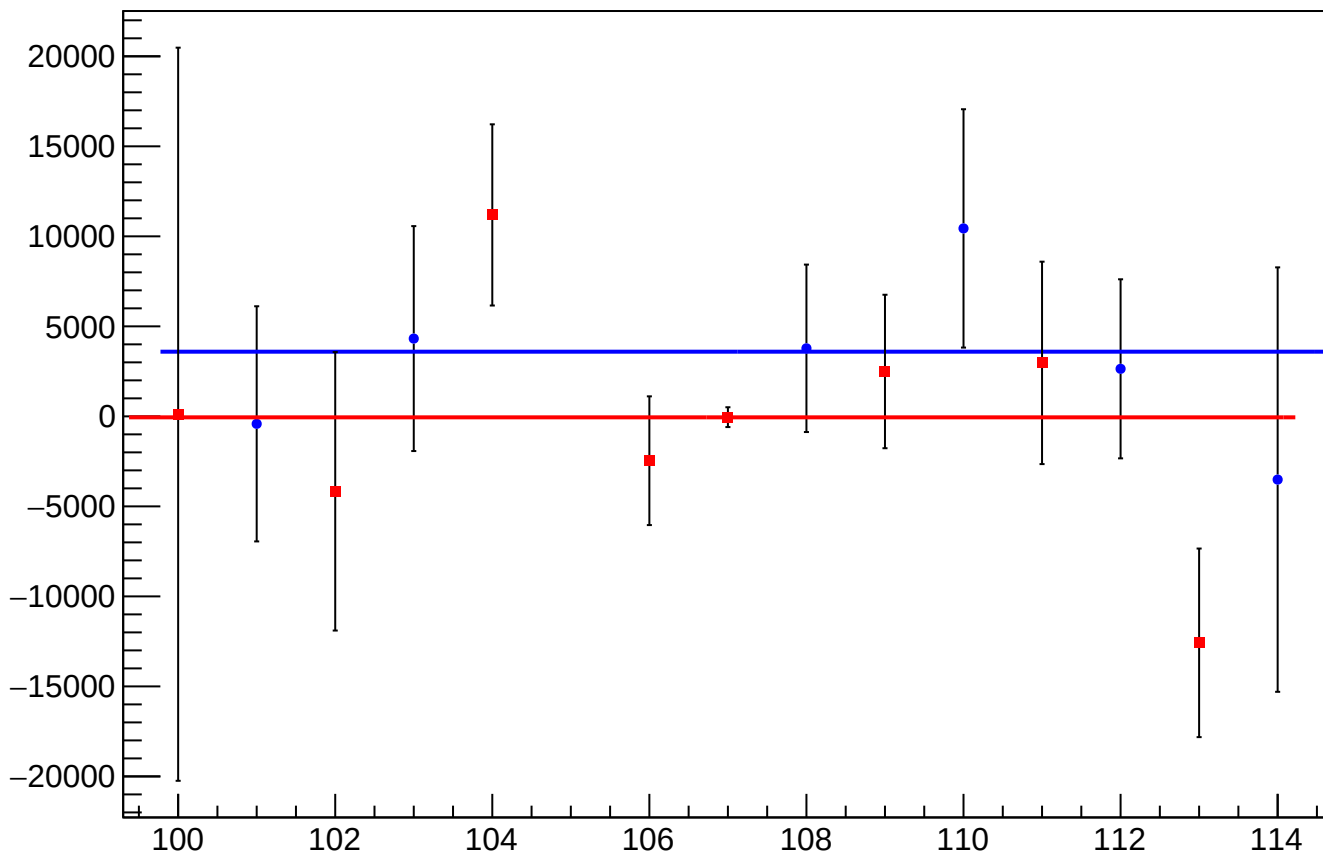
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1994.657 $\pm$ 0.594 χ^2 /NDF: 298619.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 3592.599 $\pm$ 2456.327 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -54.245 $\pm$ -529.892 χ^2 /NDF: 12.1/7

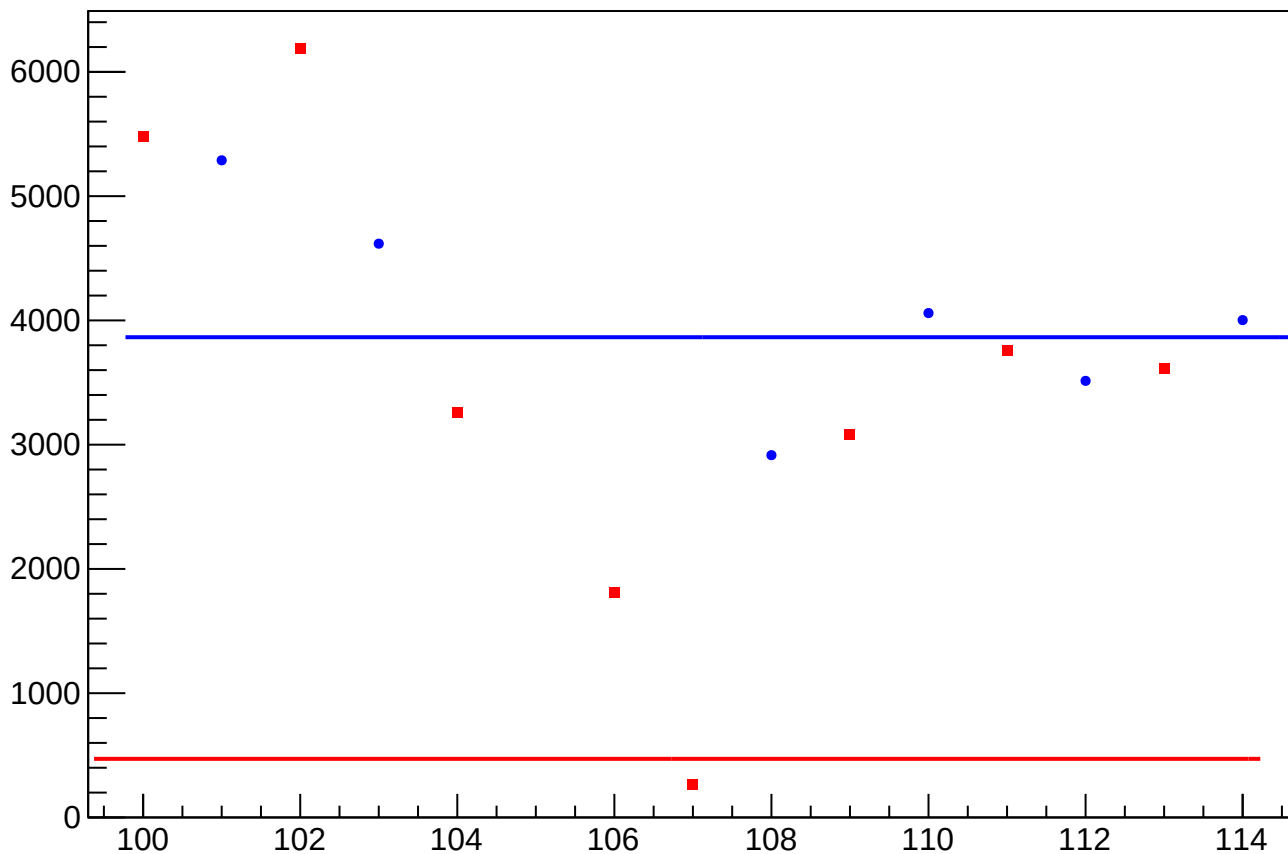
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 107.923 $\pm$ -517.977 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 3864.851+/-1.737 χ^2/NDF : 219327.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.612+/-0.375 χ^2/NDF : 4542748.7/7

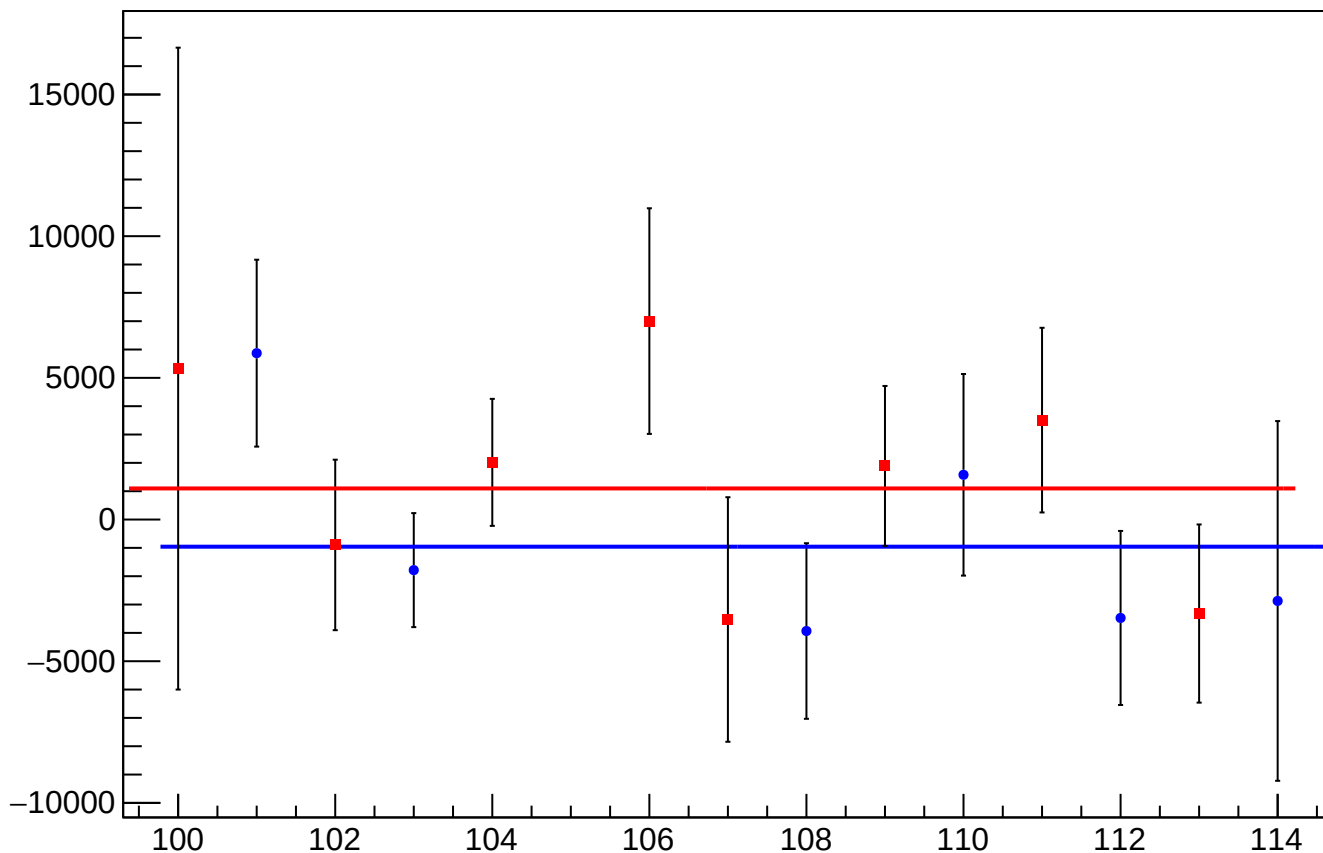
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.503+/-0.366 χ^2/NDF : 8409040.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -958.257+/-1237.412 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1097.452+/-1150.814 χ^2/NDF : 6.7/7

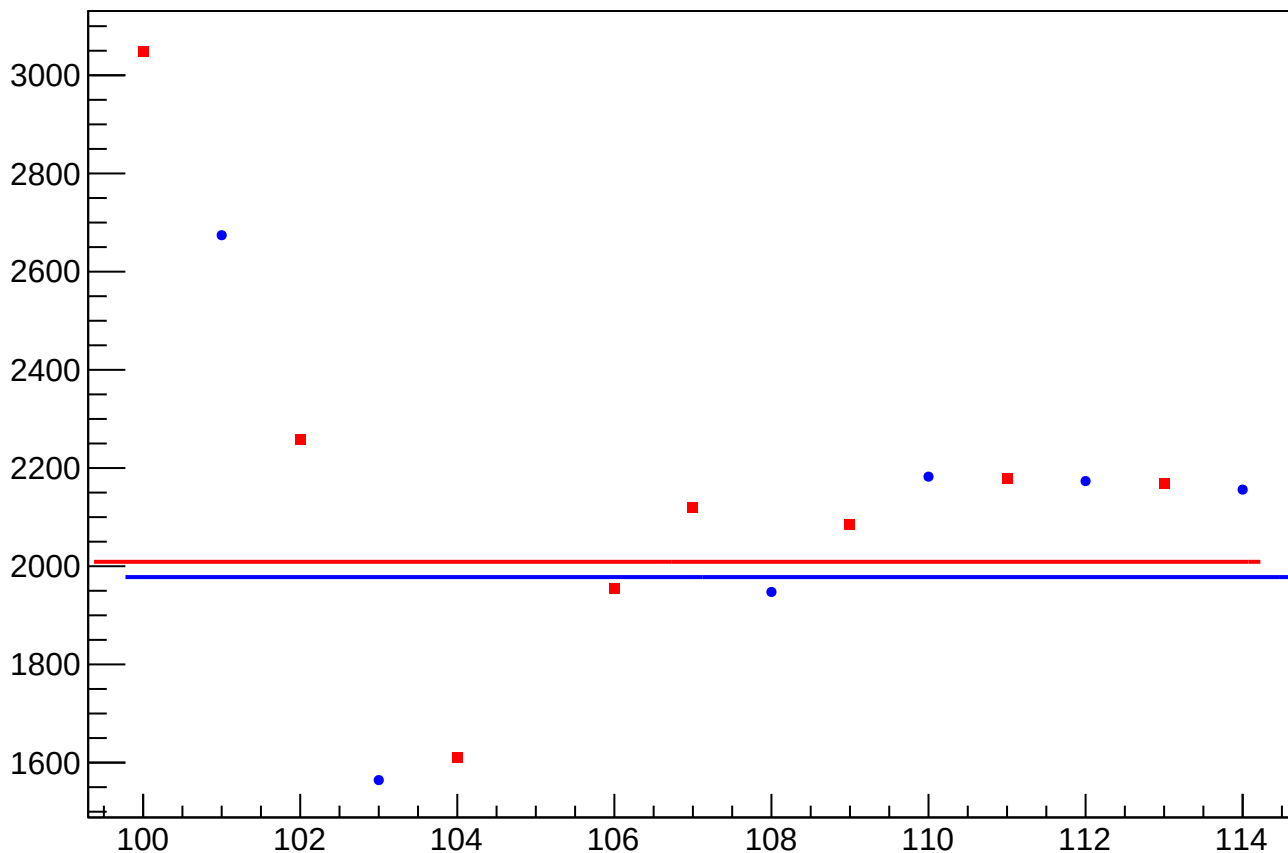
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.041+/-842.701 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1977.886 $\pm$ 0.875 χ^2 /NDF: 190159.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2009.002 $\pm$ 0.809 χ^2 /NDF: 107778.7/7

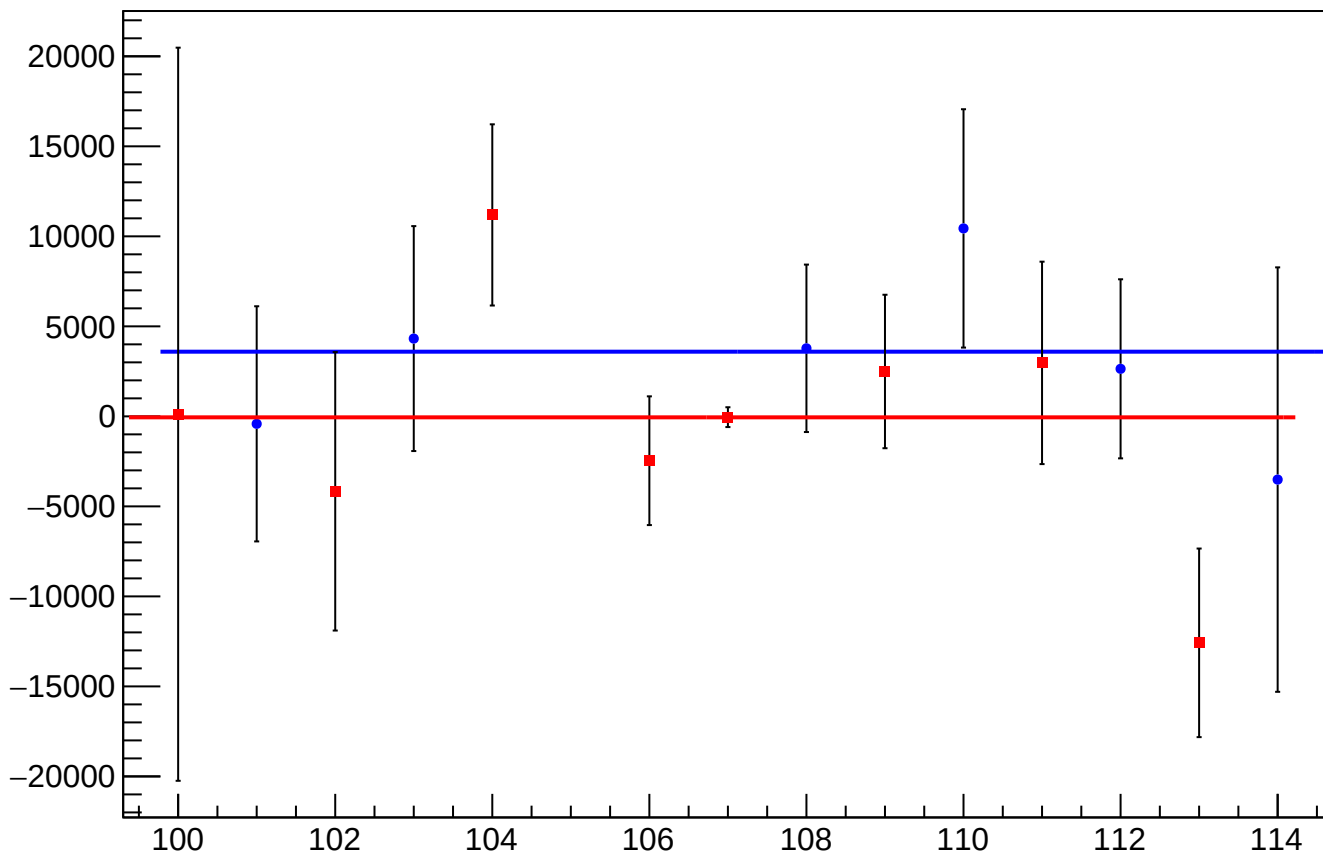
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1994.657 $\pm$ 0.594 χ^2 /NDF: 298619.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 3592.599+/-2456.327 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.245+/-529.892 χ^2/NDF : 12.1/7

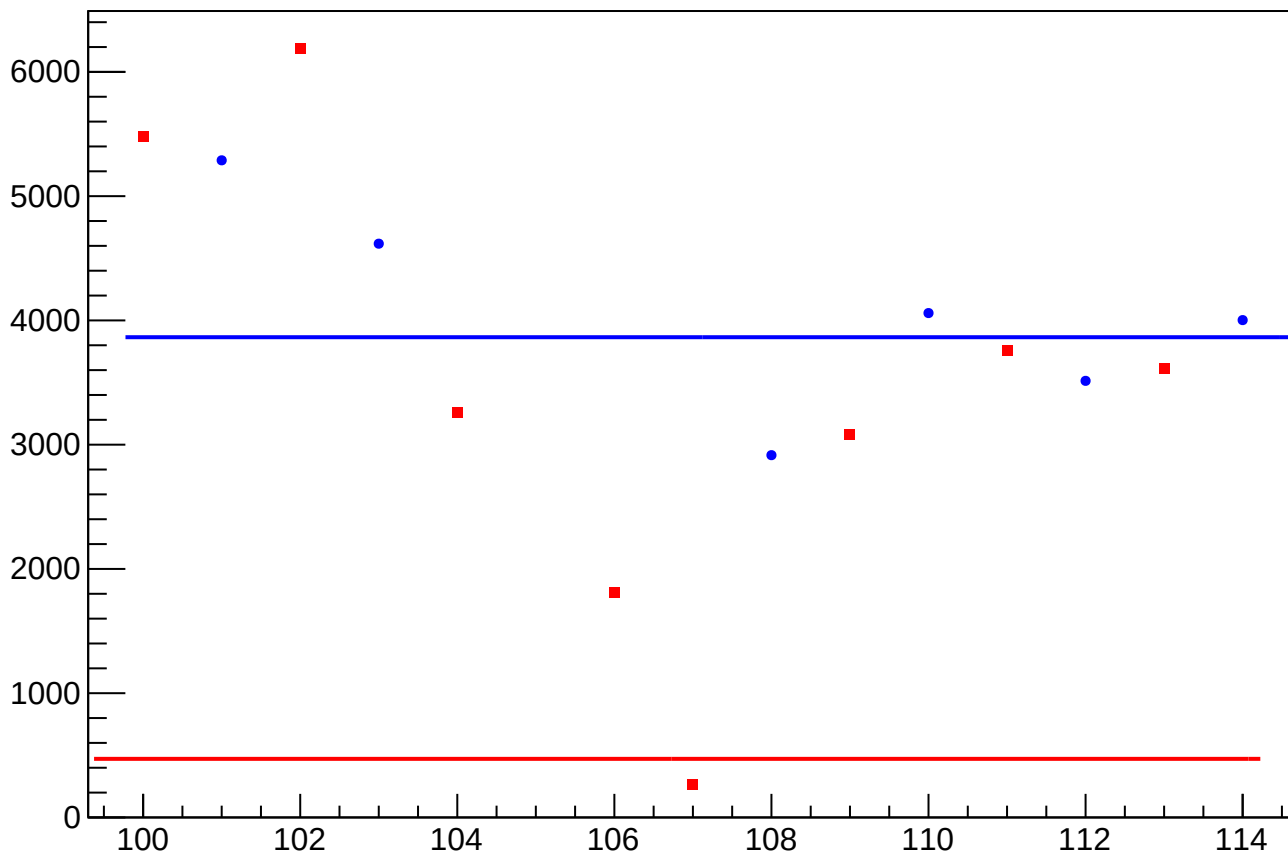
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.923+/-517.977 χ^2/NDF : 16.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 3864.851 $\pm$ 1.737 χ^2 /NDF: 219327.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 471.612 $\pm$ 0.375 χ^2 /NDF: 4542748.7/7

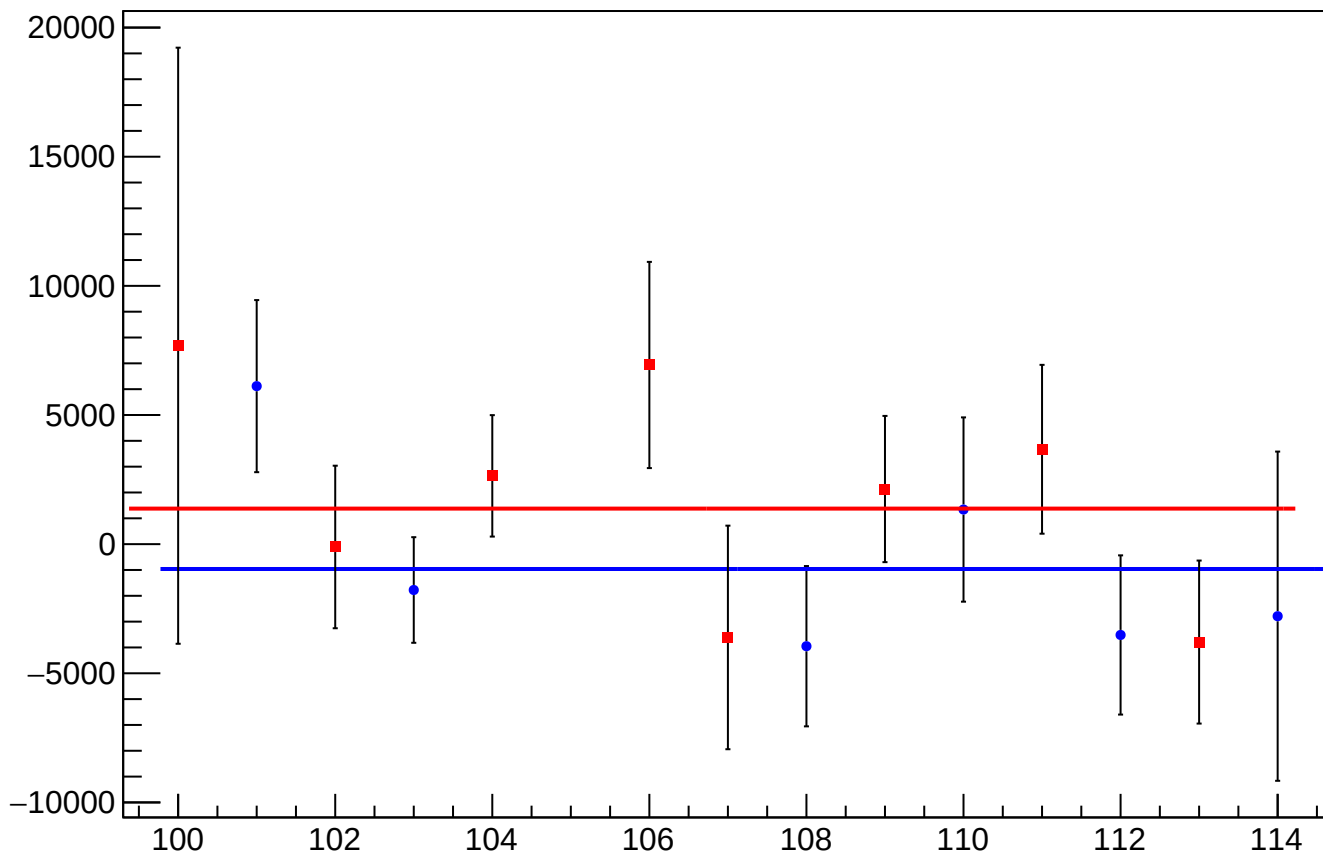
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.503 $\pm$ 0.366 χ^2 /NDF: 8409040.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -962.143+/-1248.465 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.109+/-1174.927 χ^2/NDF : 7.3/7

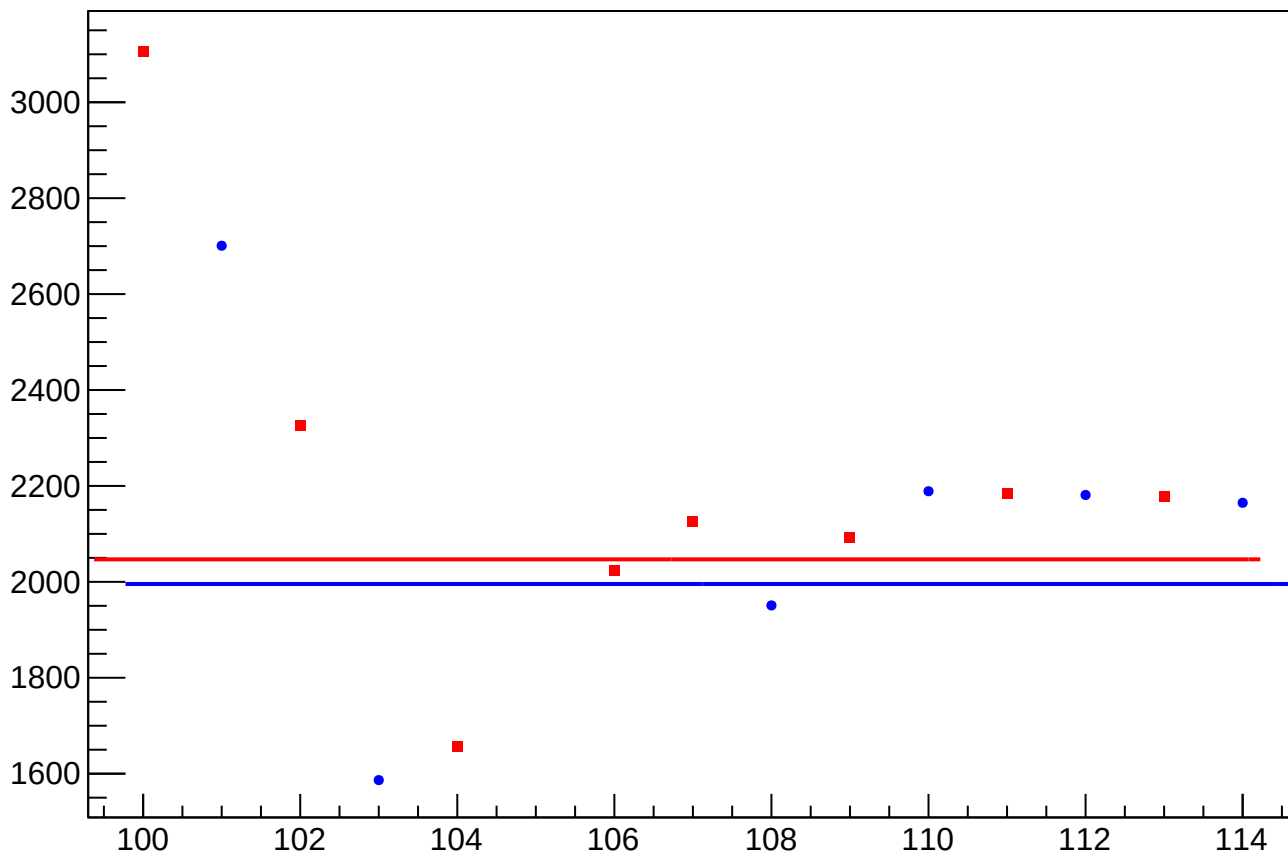
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.871+/-855.616 χ^2/NDF : 16.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1995.515+/-0.883 χ^2/NDF : 184592.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2046.931+/-0.829 χ^2/NDF : 95761.9/7

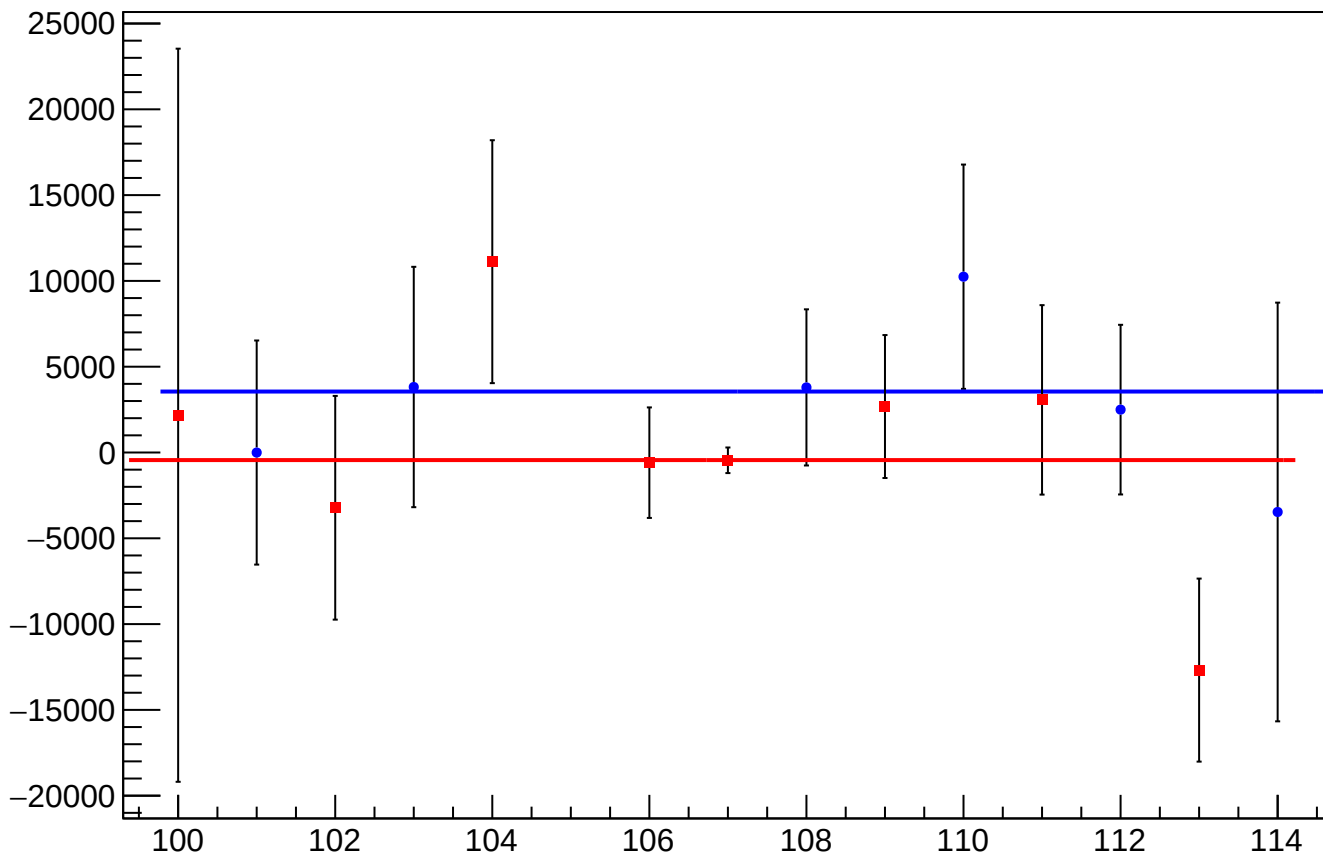
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.841+/-0.604 χ^2/NDF : 282157.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 3552.473+/-2475.478 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.108+/-695.718 χ^2/NDF : 9.1/7

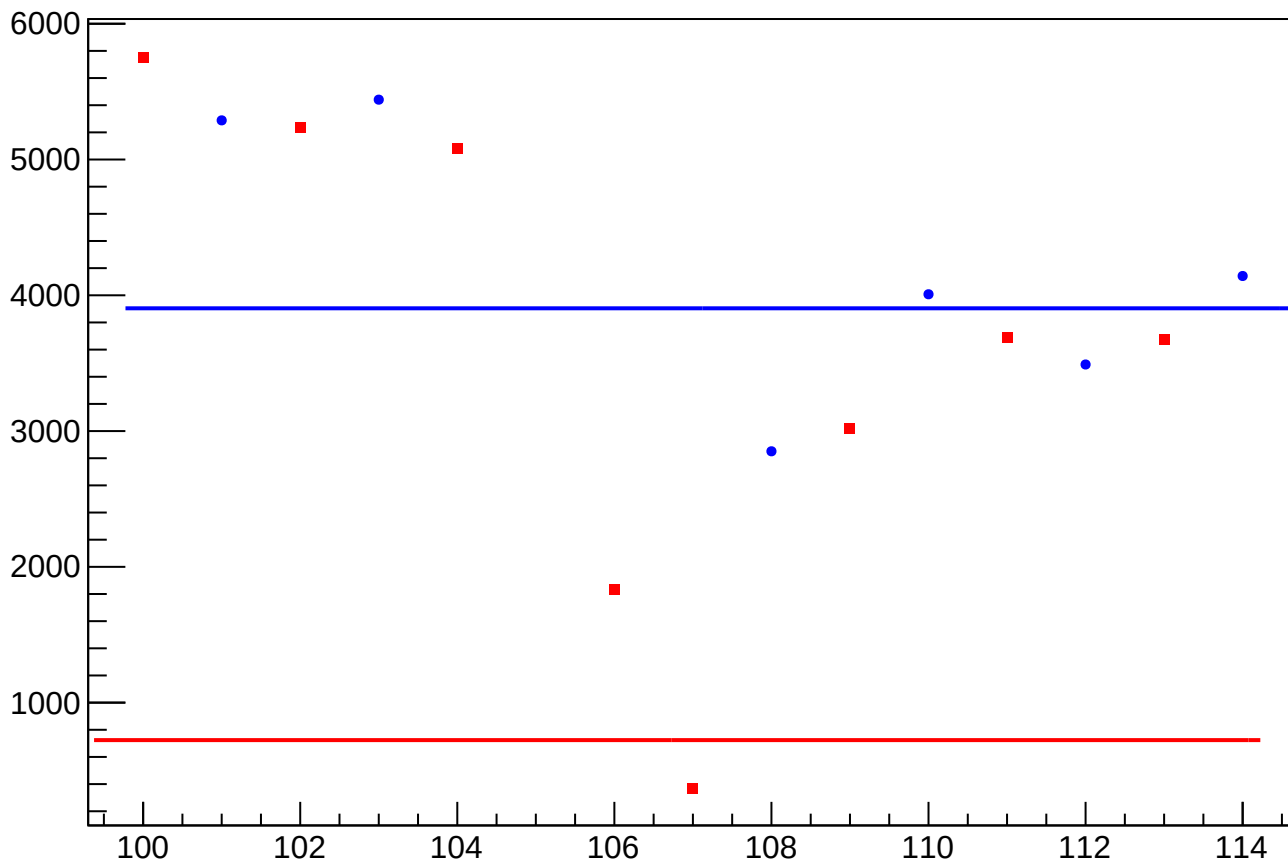
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.691+/-669.769 χ^2/NDF : 13.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 3904.214+/-1.750 χ^2/NDF : 308538.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 723.924+/-0.492 χ^2/NDF : 4317672.2/7

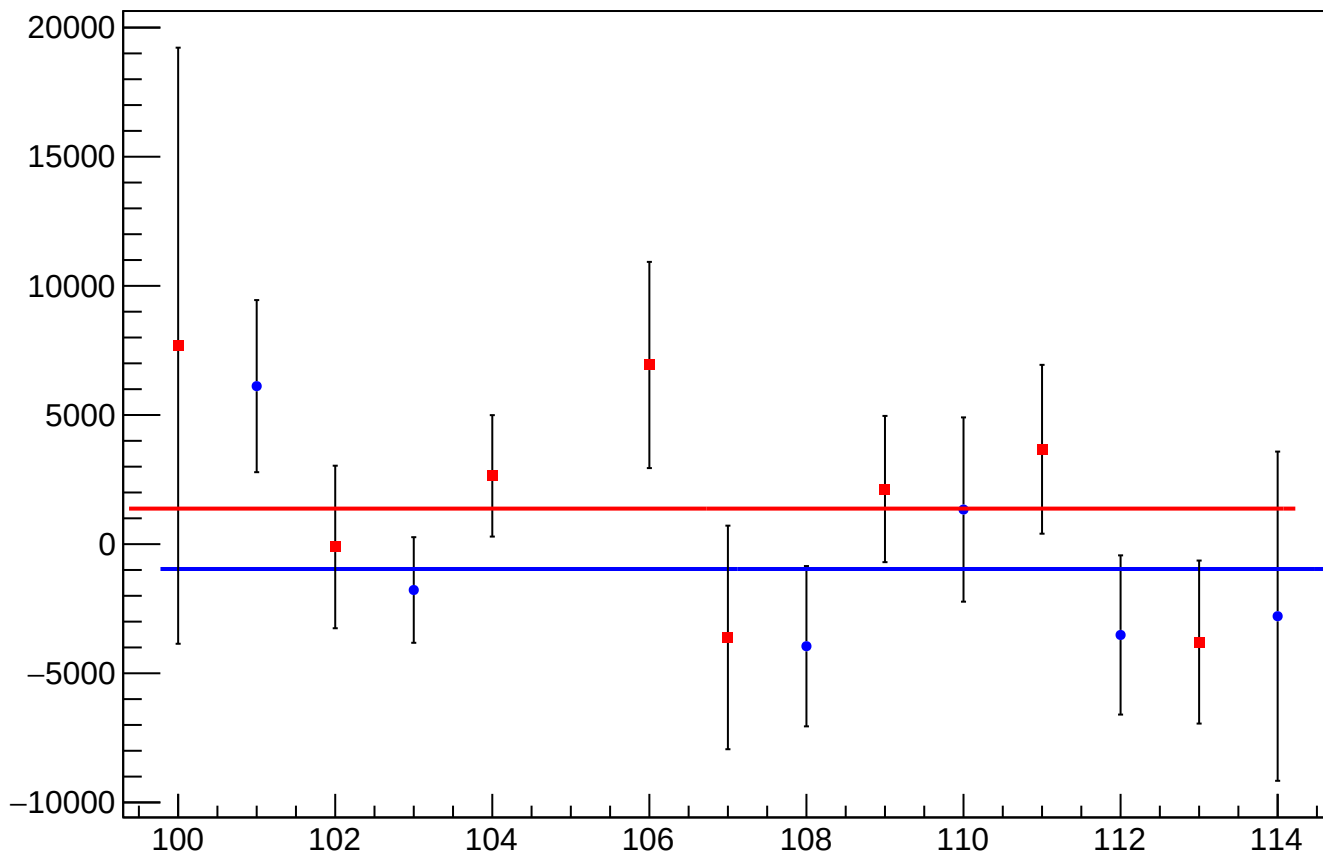
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.733+/-0.474 χ^2/NDF : 7685562.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -962.143+/-1248.465 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.118+/-1174.928 χ^2/NDF : 7.3/7

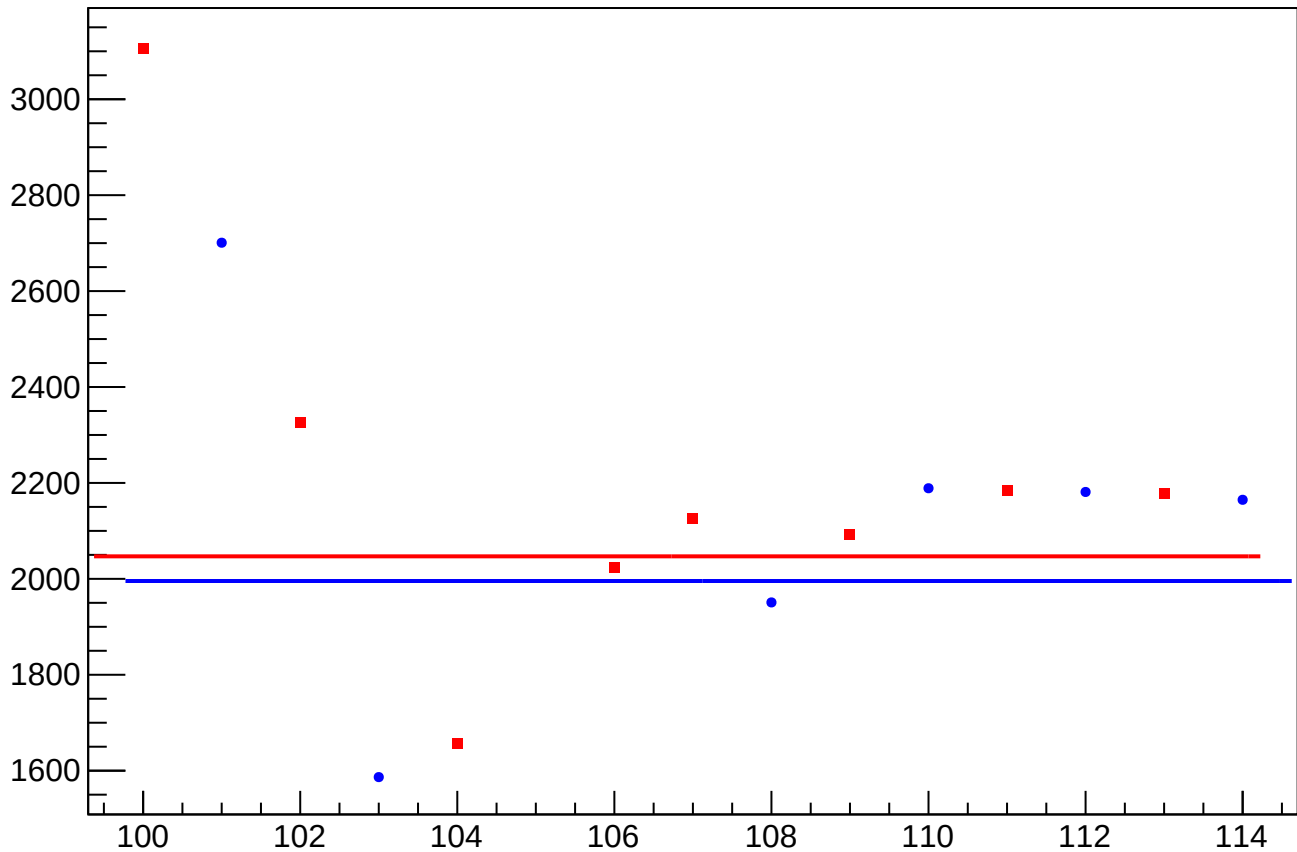
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.876+/-855.616 χ^2/NDF : 16.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1995.515 $\pm$ 0.883 χ^2 /NDF: 184592.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2046.931 $\pm$ 0.829 χ^2 /NDF: 95761.8/7

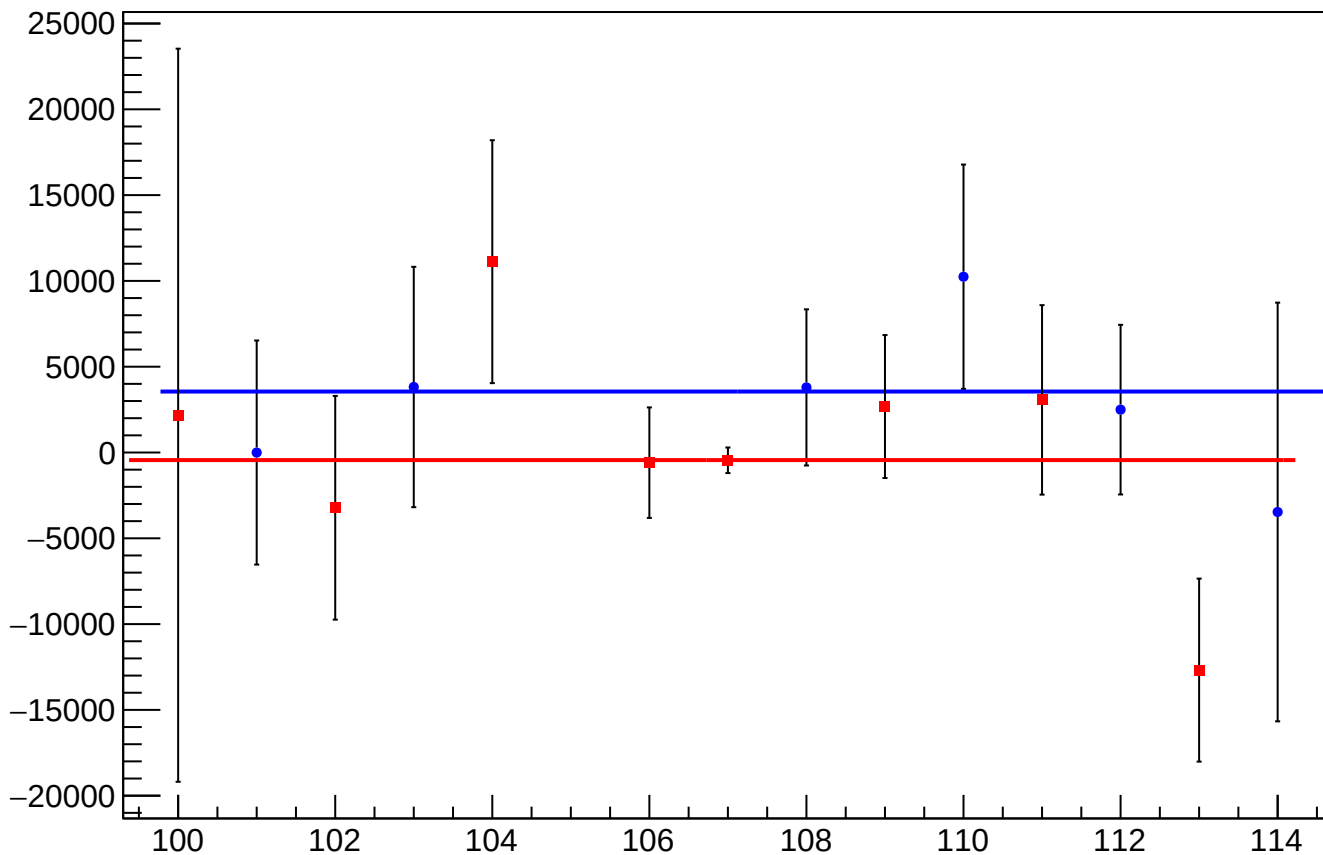
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2022.842 $\pm$ 0.604 χ^2 /NDF: 282157.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



Right In: 3552.473+/-2475.477 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.115+/-695.731 χ^2/NDF : 9.1/7

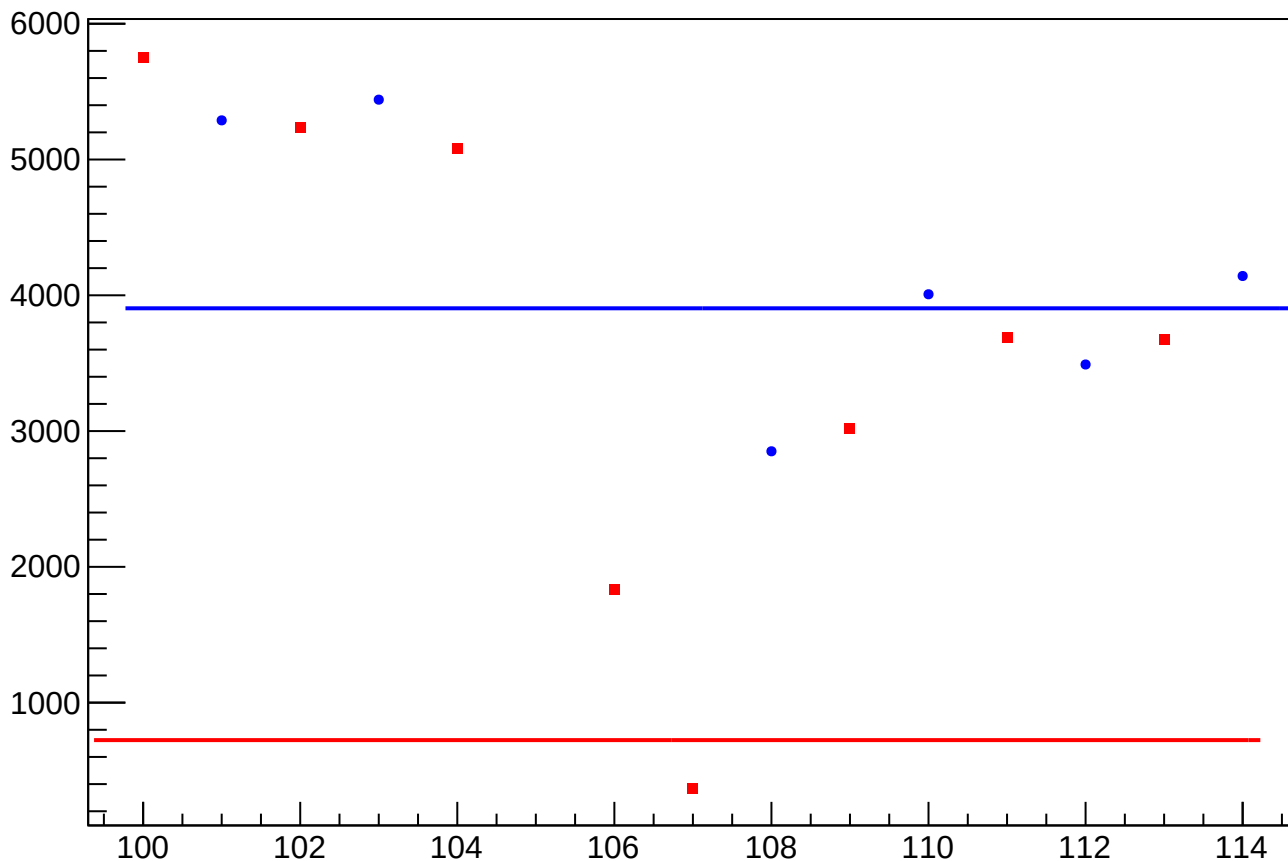
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.686+/-669.781 χ^2/NDF : 13.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 3904.211+/-1.750 χ^2/NDF : 308537.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 723.945+/-0.492 χ^2/NDF : 4317629.4/7

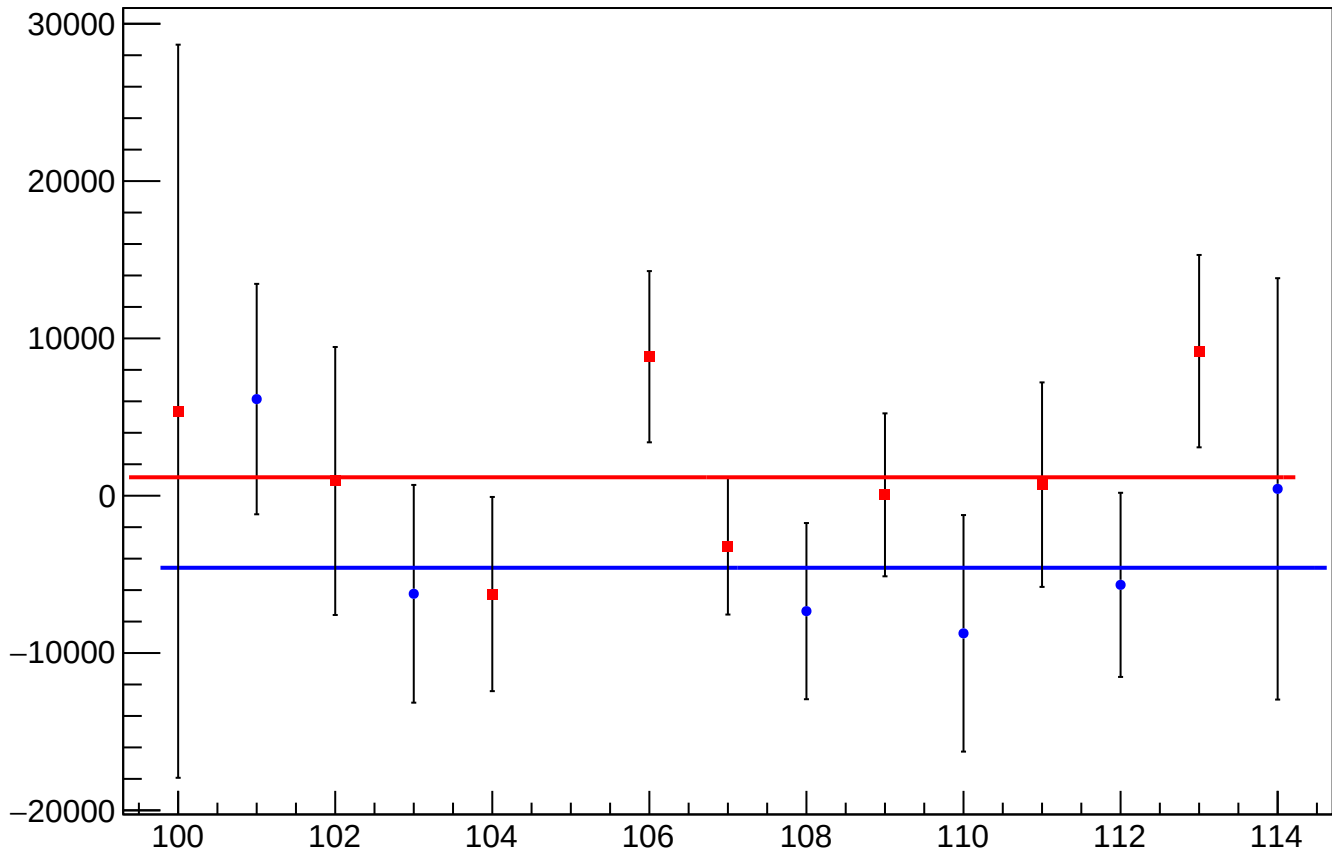
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.760+/-0.474 χ^2/NDF : 7685470.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_mean vs Slug



Right In: -4580.357 $\pm$ 2841.346 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1172.056 $\pm$ 2151.595 χ^2 /NDF: 6.2/7

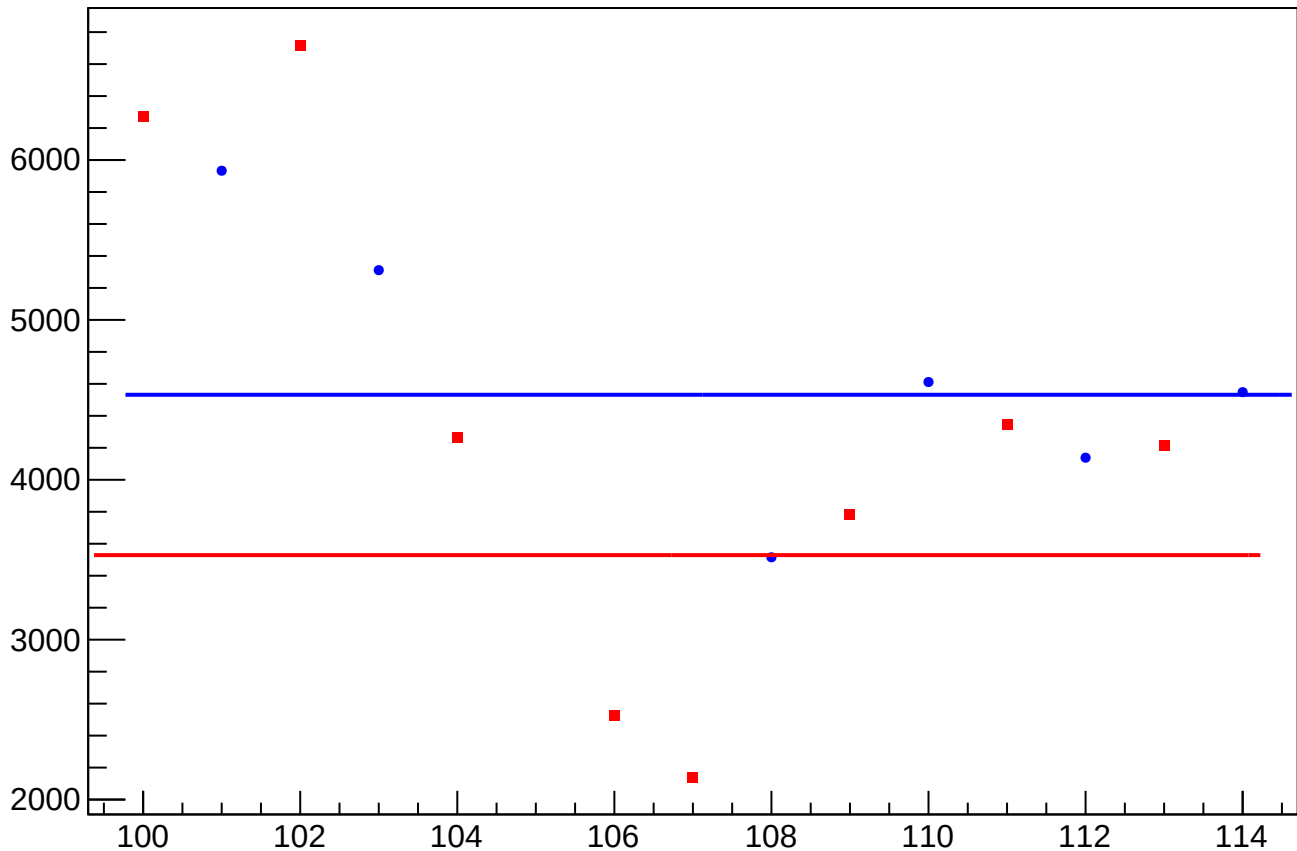
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -924.363 $\pm$ 1715.292 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4531.761+/-2.009 χ^2/NDF : 173752.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3528.989+/-1.493 χ^2/NDF : 685731.7/7

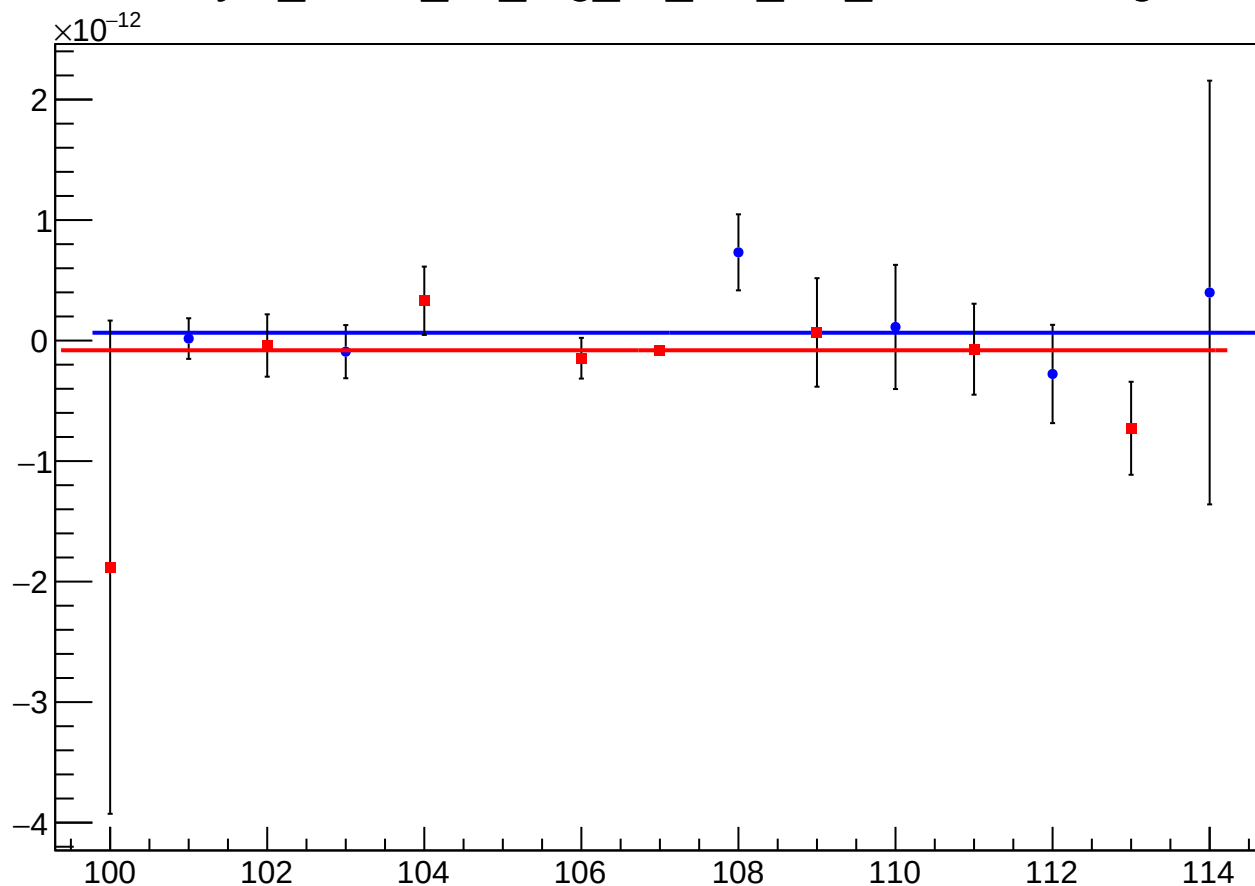
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3885.613+/-1.198 χ^2/NDF : 1019998.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/7

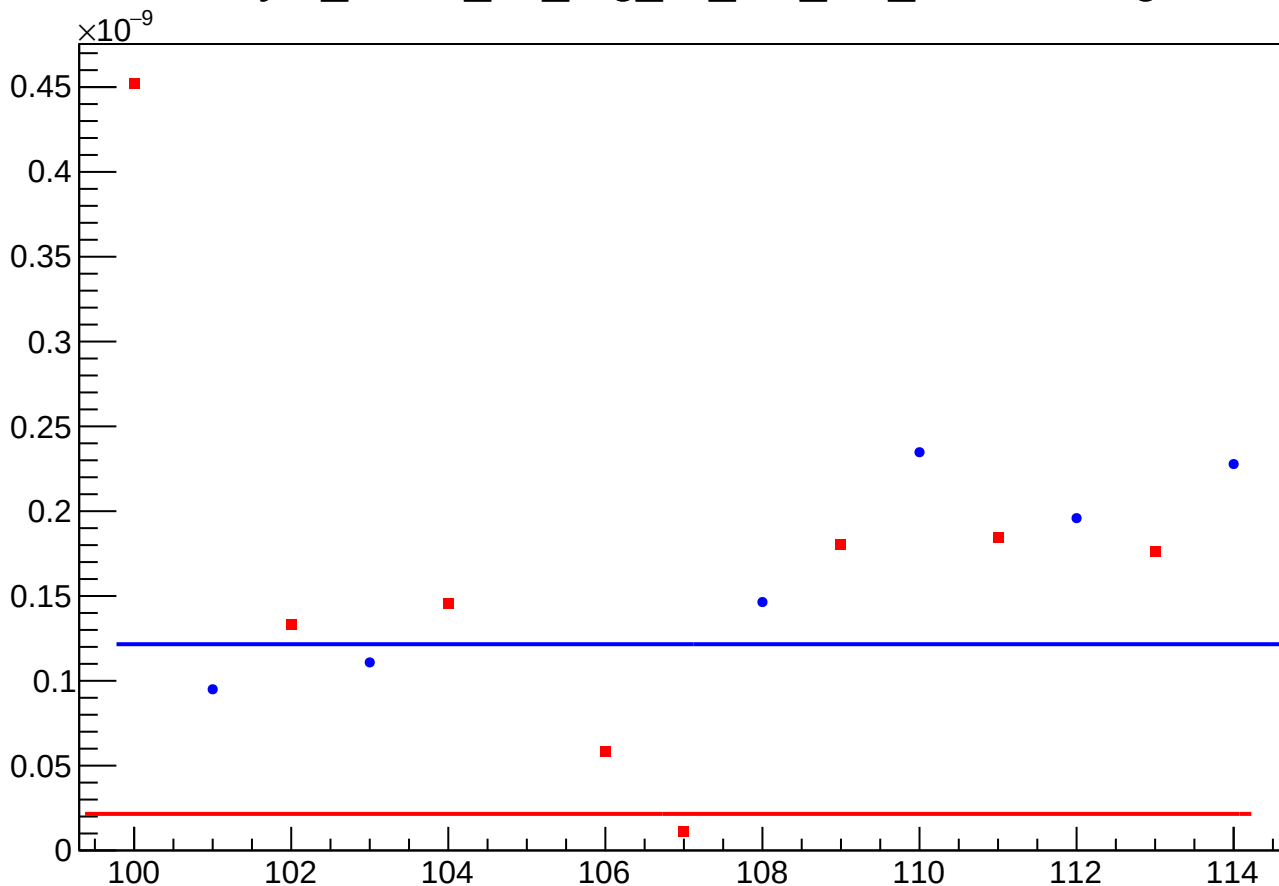
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 237071.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2034739.8/7

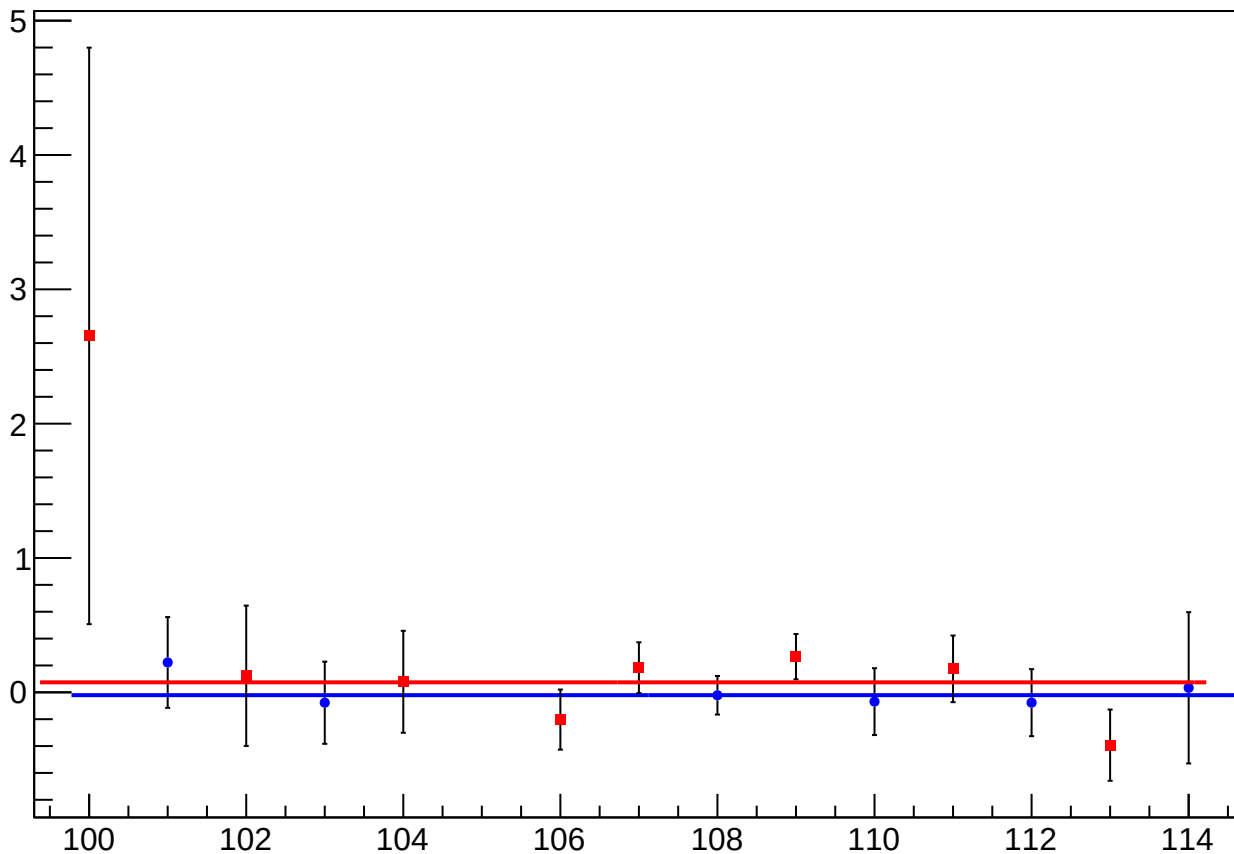
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3662010.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.074 ± 0.090 χ^2/NDF : 7.9/7

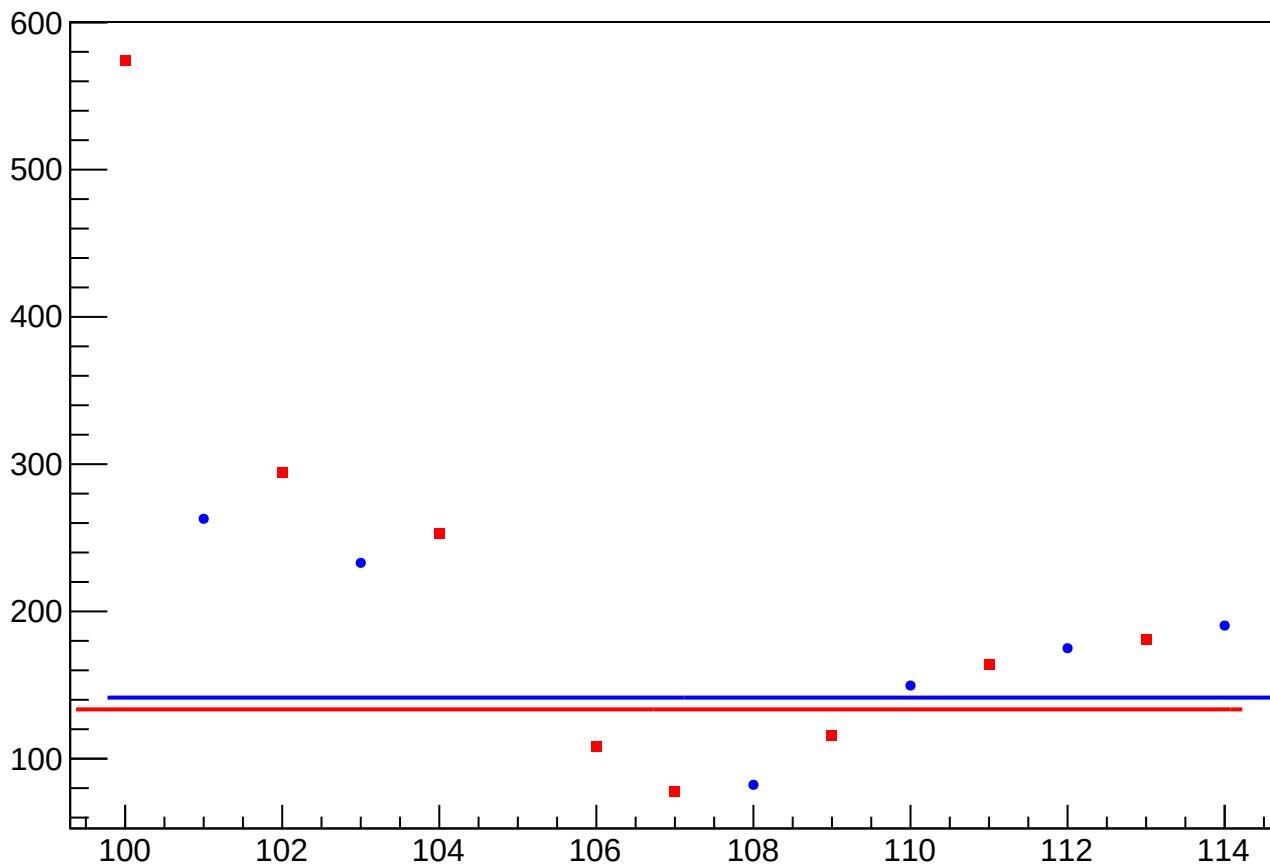
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.066 χ^2/NDF : 9.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 141.472 $\pm$ 0.070 χ^2 /NDF: 830113.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.467 $\pm$ 0.063 χ^2 /NDF: 790611.7/7

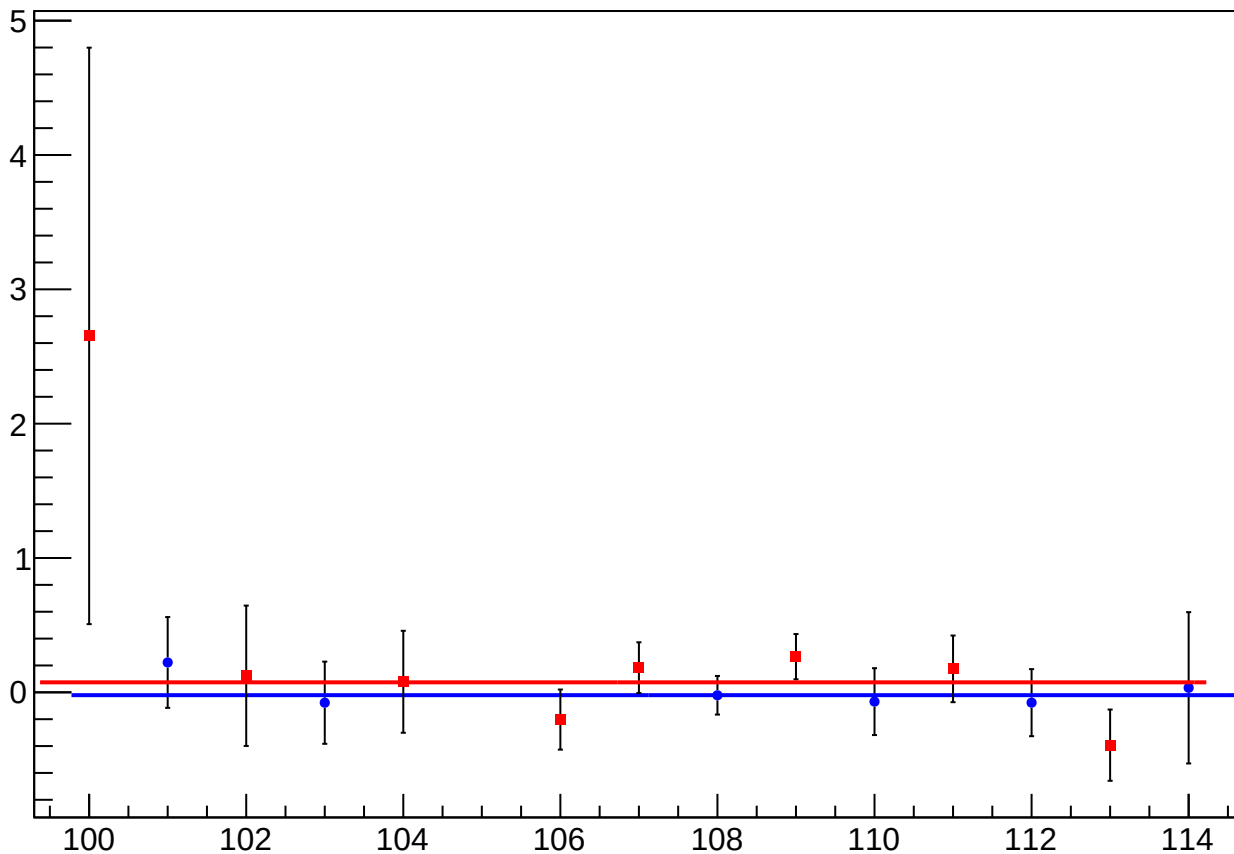
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.094 $\pm$ 0.047 χ^2 /NDF: 1627957.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.074 ± 0.090 χ^2/NDF : 7.9/7

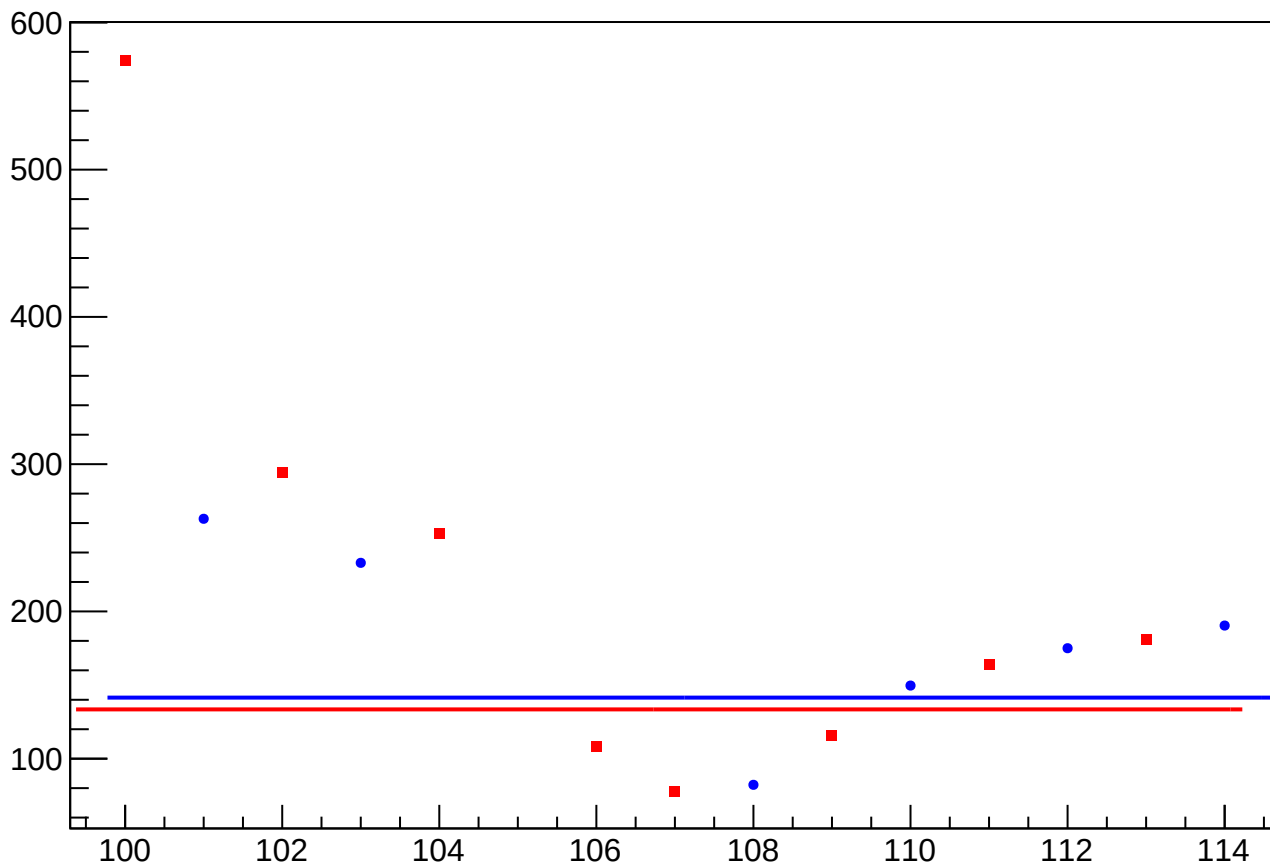
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.066 χ^2/NDF : 9.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 141.472 $\pm$ 0.070 χ^2 /NDF: 830113.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.467 $\pm$ 0.063 χ^2 /NDF: 790611.7/7

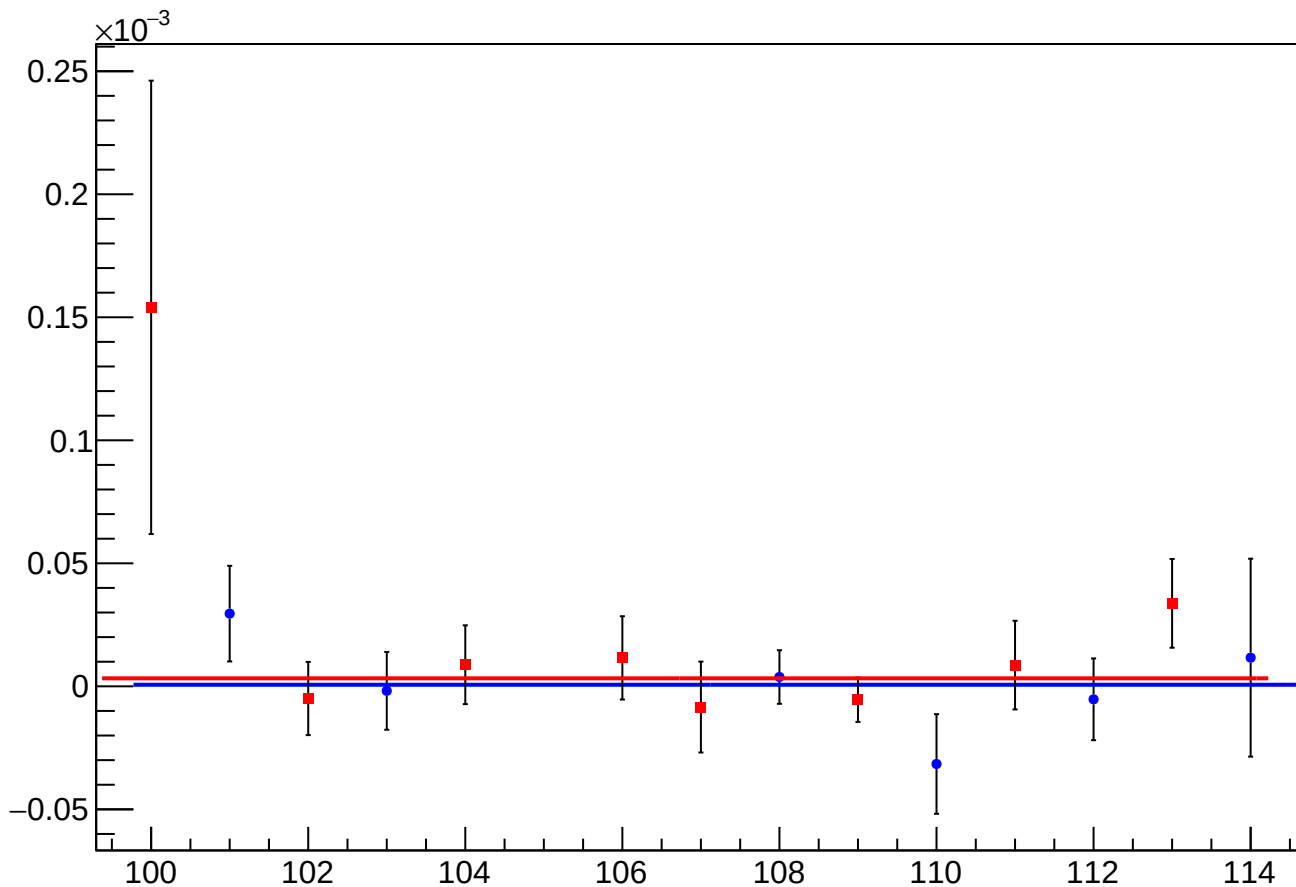
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.094 $\pm$ 0.047 χ^2 /NDF: 1627957.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/7

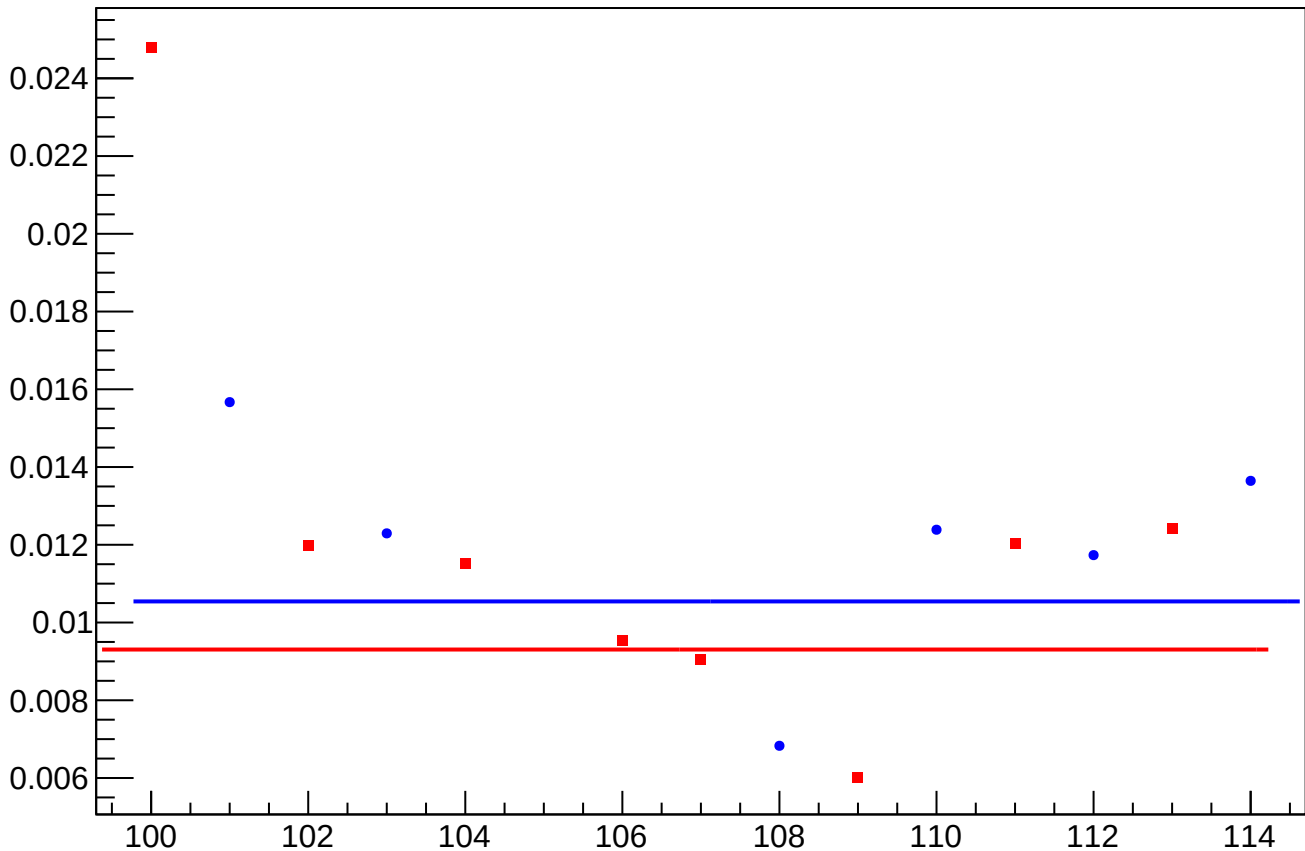
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 435074.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 532870.5/7

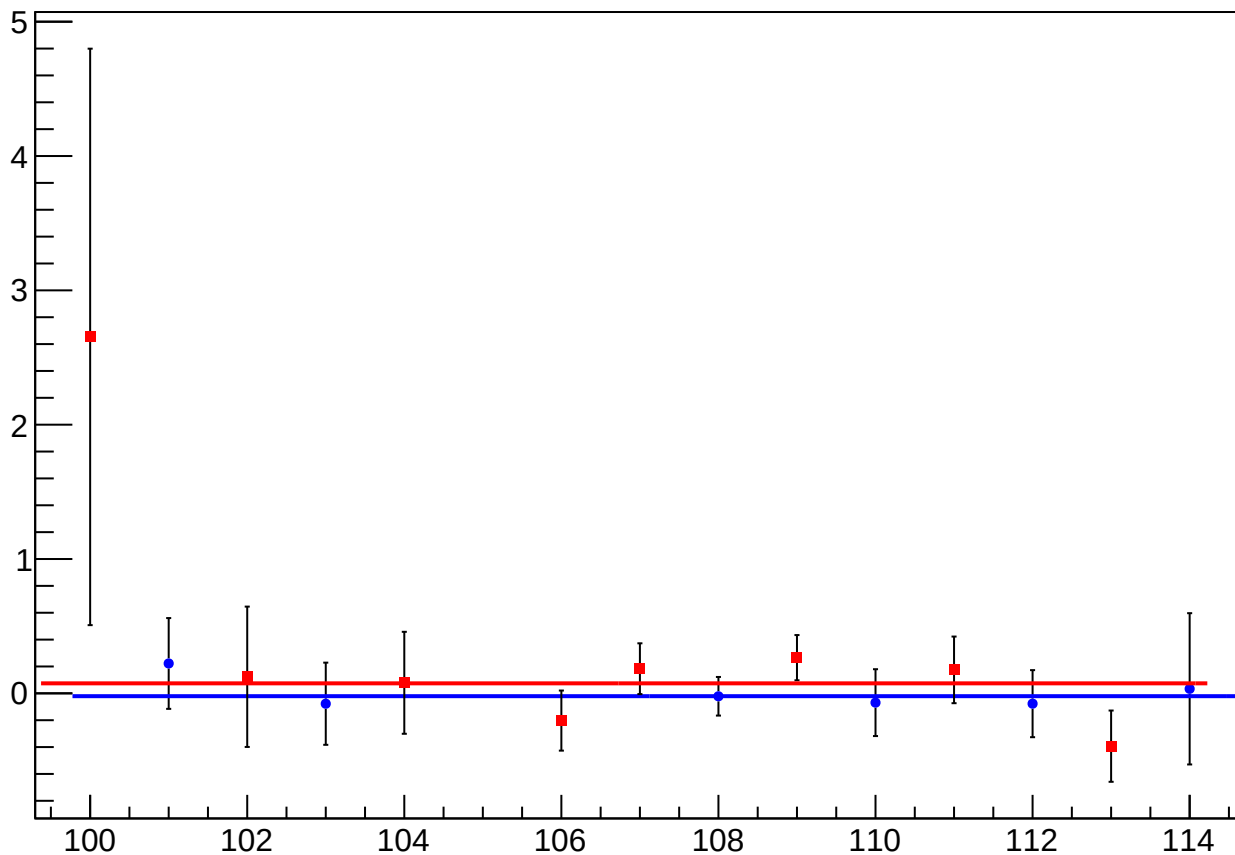
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1008329.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.074 ± 0.090 χ^2/NDF : 7.9/7

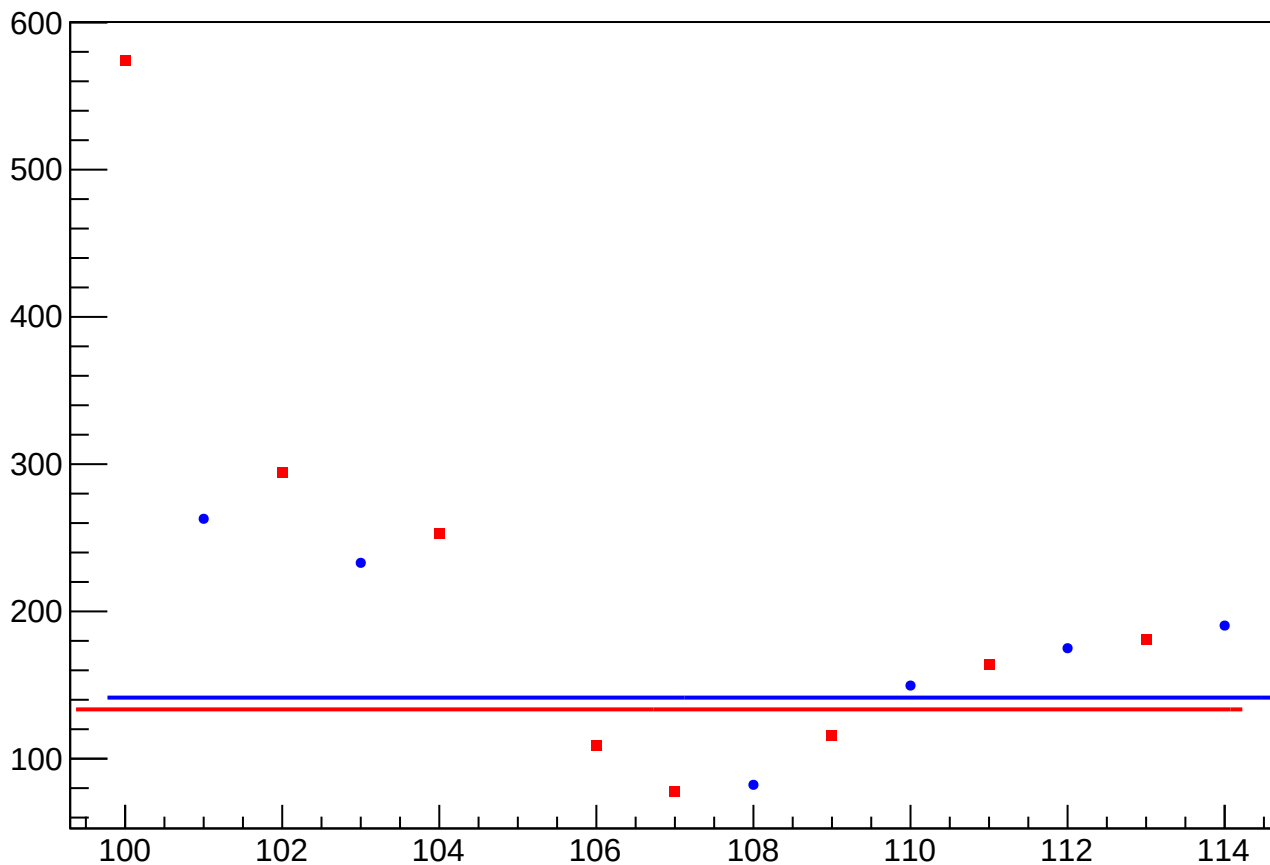
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.066 χ^2/NDF : 9.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 141.472 $\pm$ 0.070 χ^2 /NDF: 830115.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.467 $\pm$ 0.063 χ^2 /NDF: 790638.7/7

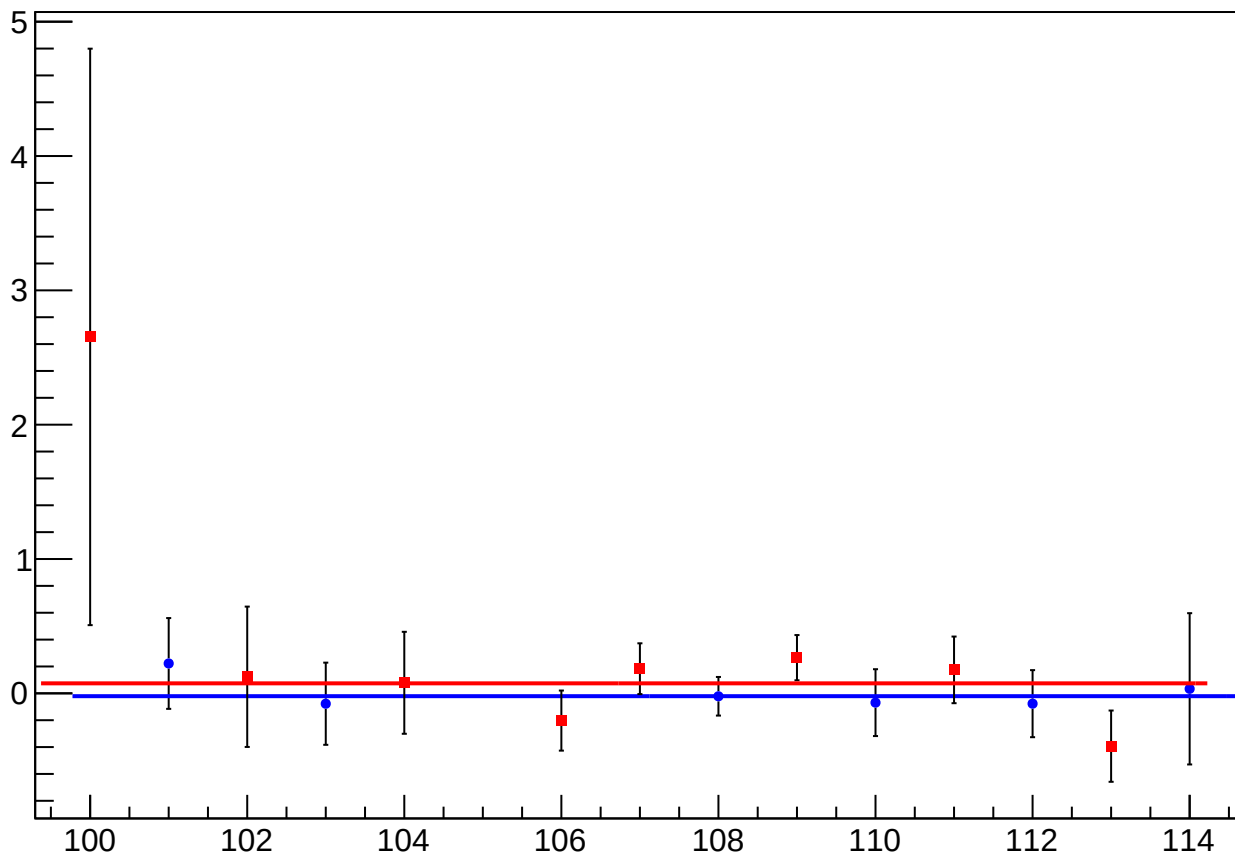
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.094 $\pm$ 0.047 χ^2 /NDF: 1627986.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021+/-0.098 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.074+/-0.090 χ^2/NDF : 7.9/7

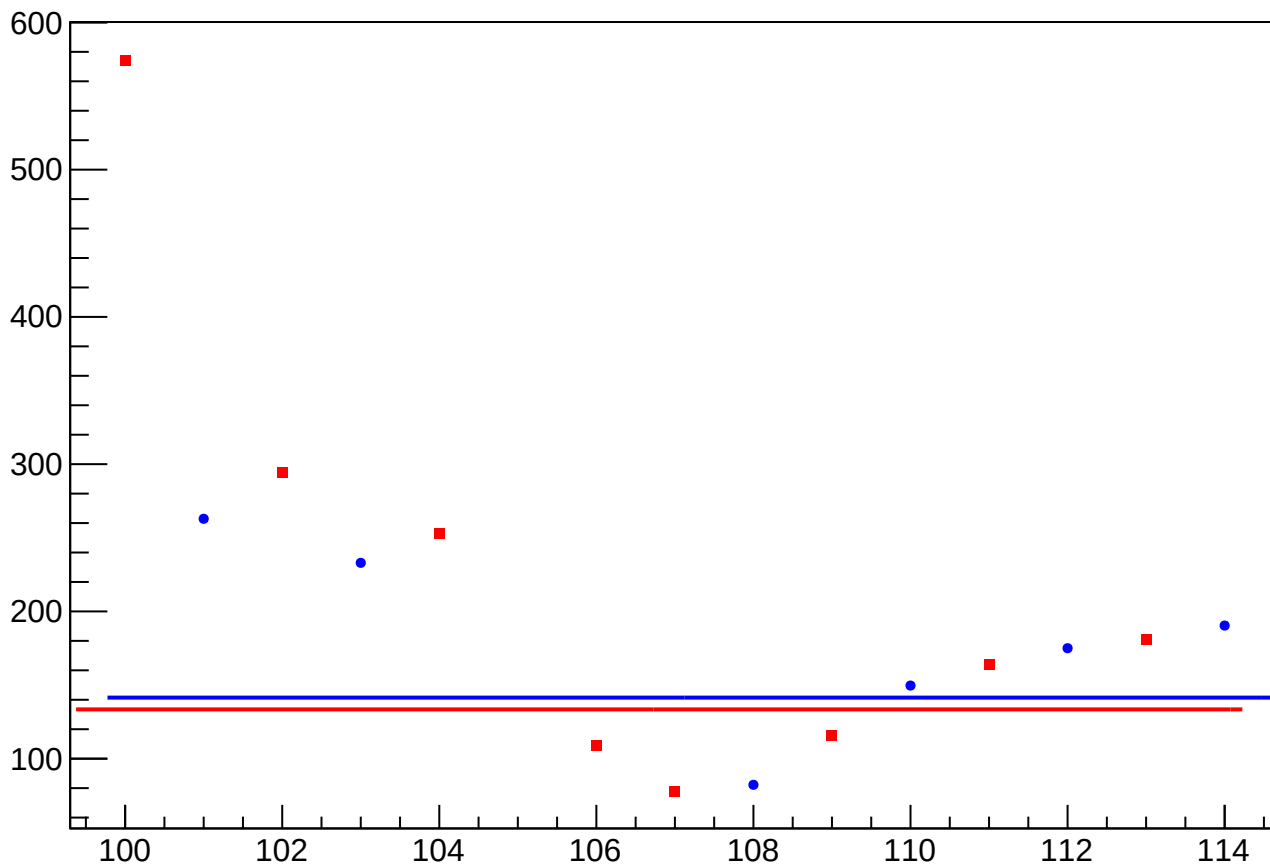
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.066 χ^2/NDF : 9.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 141.472 $\pm$ 0.070 χ^2 /NDF: 830115.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.467 $\pm$ 0.063 χ^2 /NDF: 790638.7/7

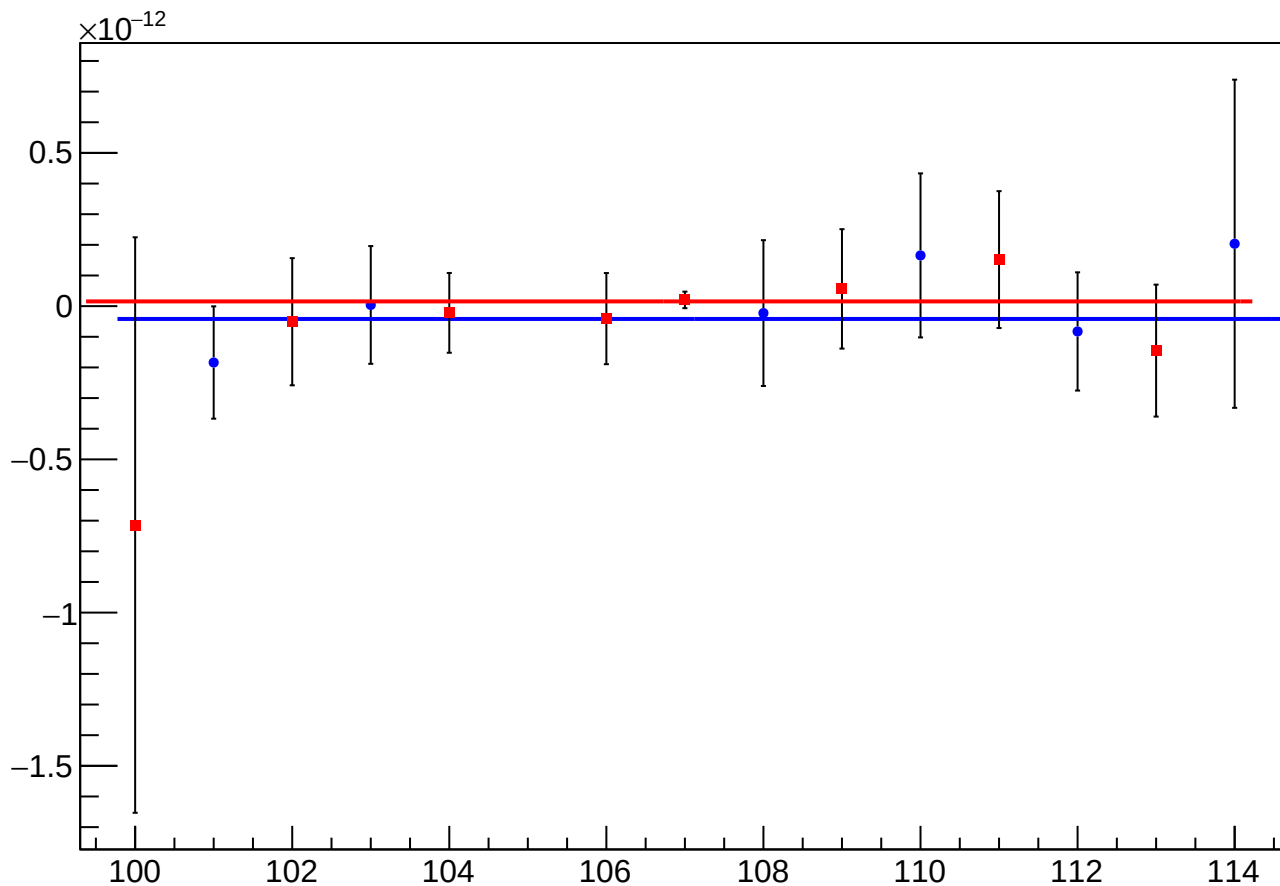
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.094 $\pm$ 0.047 χ^2 /NDF: 1627986.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/7

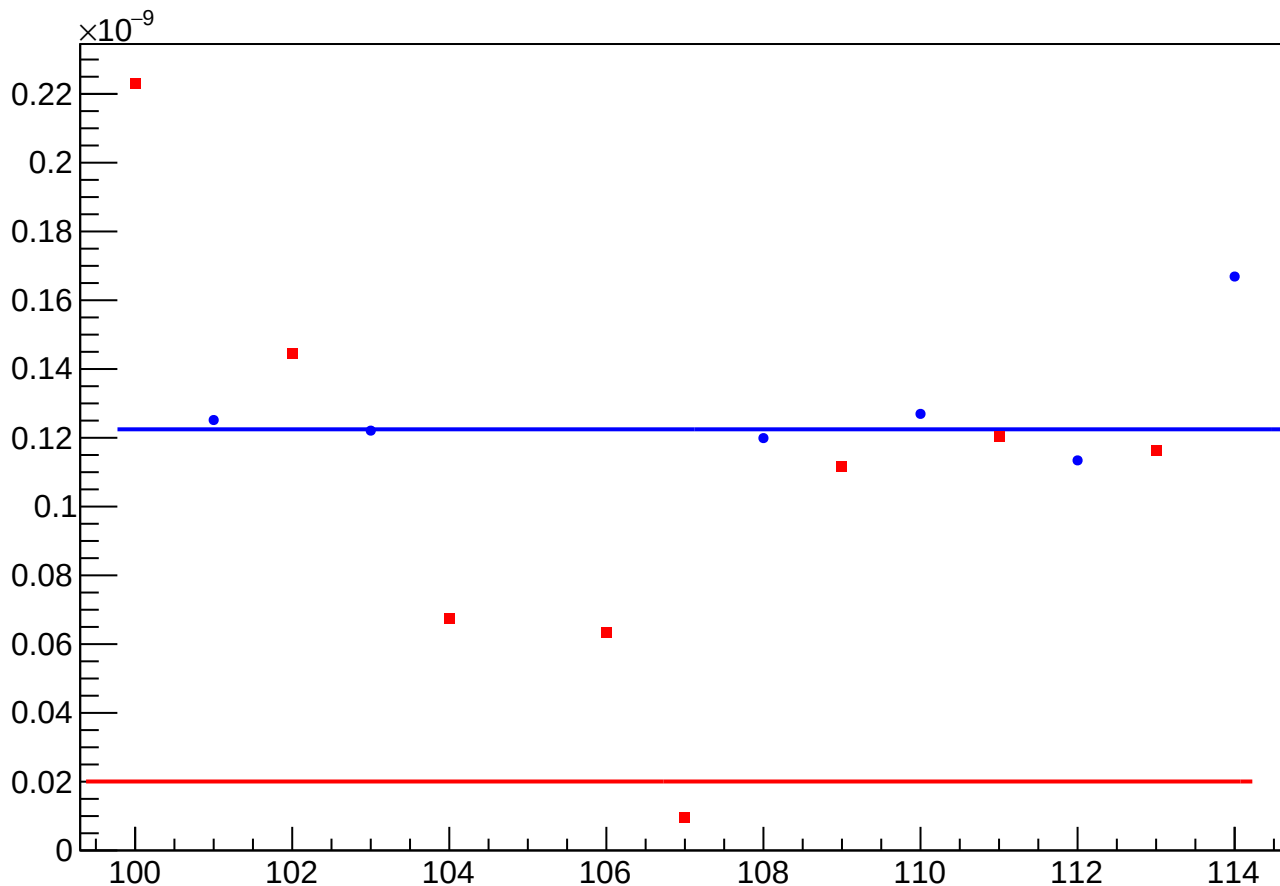
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 19393.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2796133.5/7

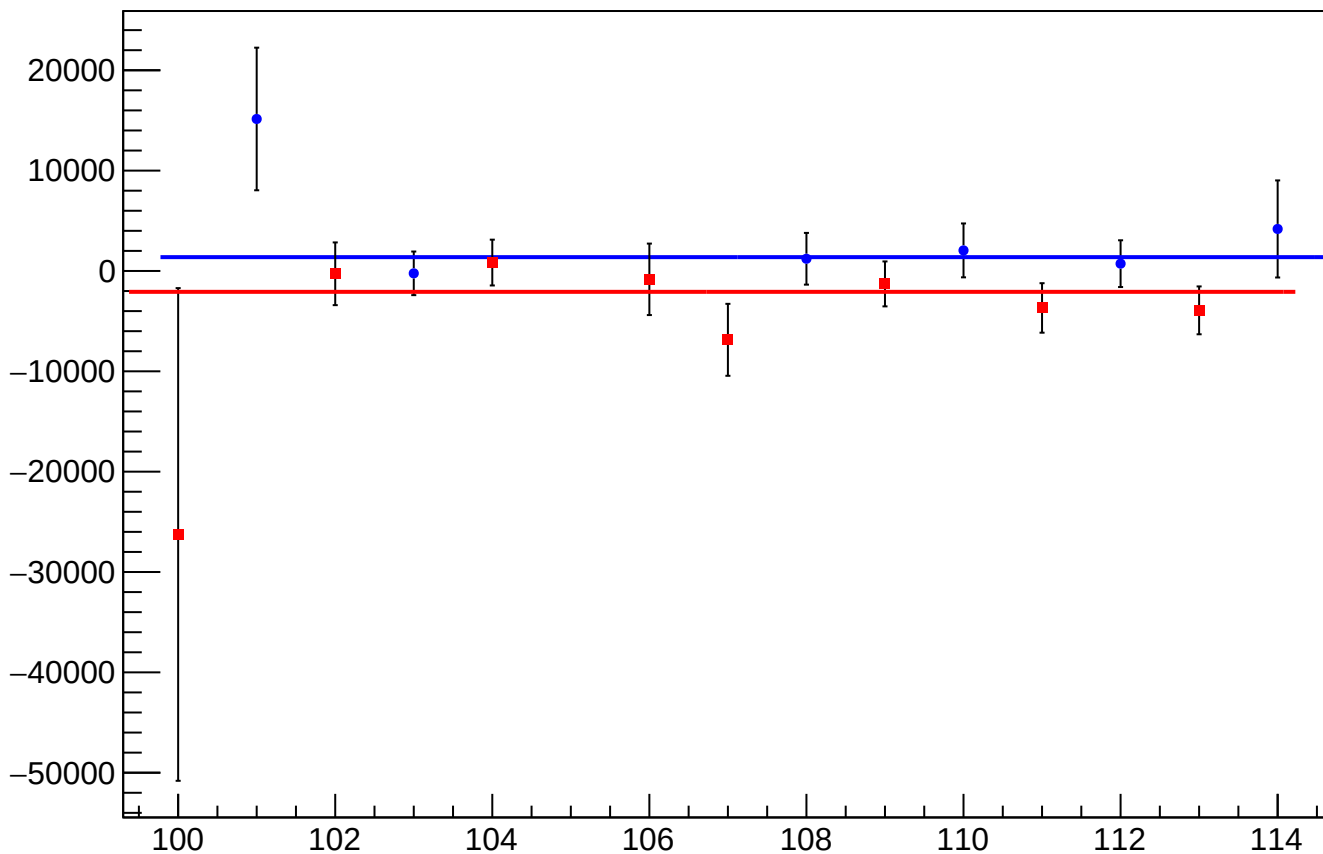
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5133132.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1377.449+/-1156.354 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2079.925+/-1003.783 χ^2/NDF : 6.0/7

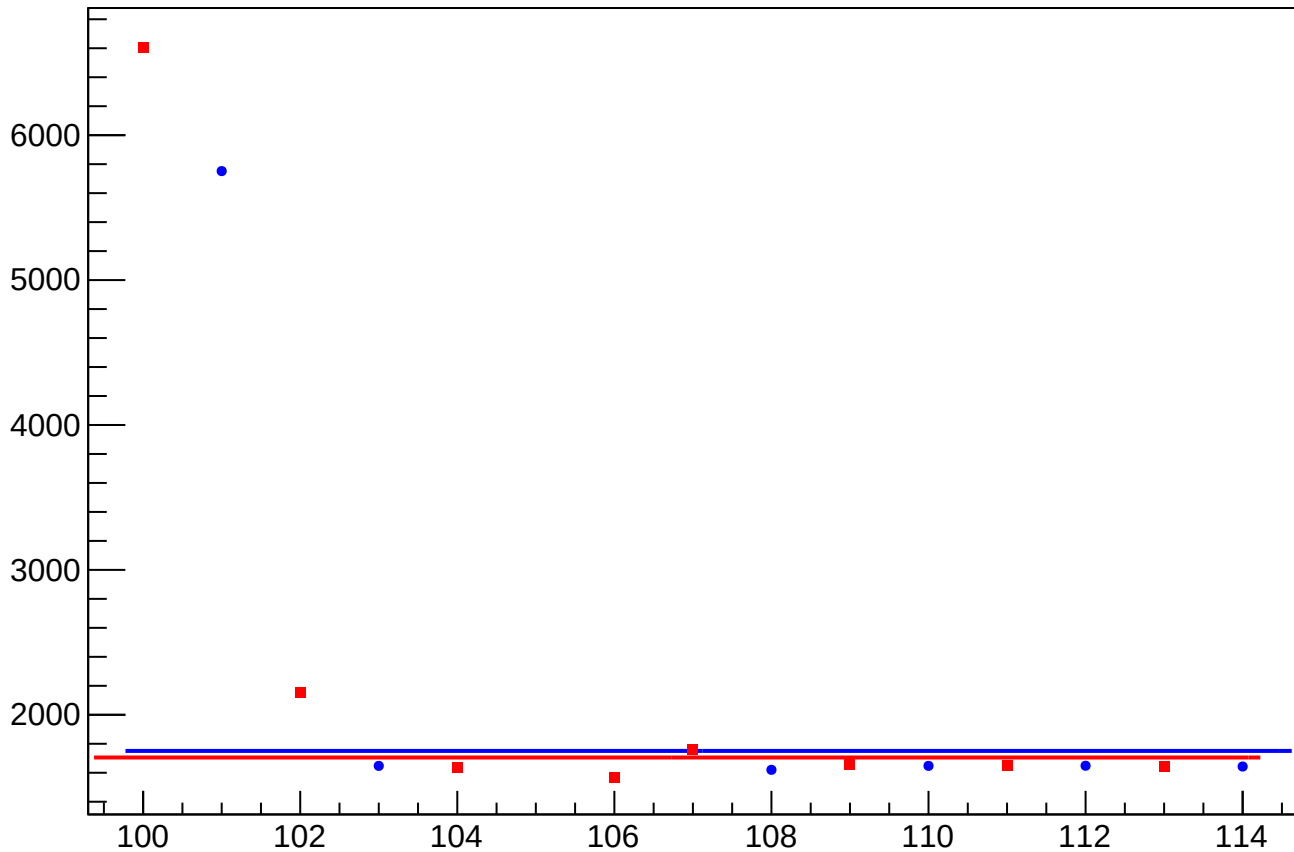
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -594.220+/-758.026 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1750.707 $\pm$ 0.818 χ^2 /NDF: 651679.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1705.279 $\pm$ 0.698 χ^2 /NDF: 131051.3/7

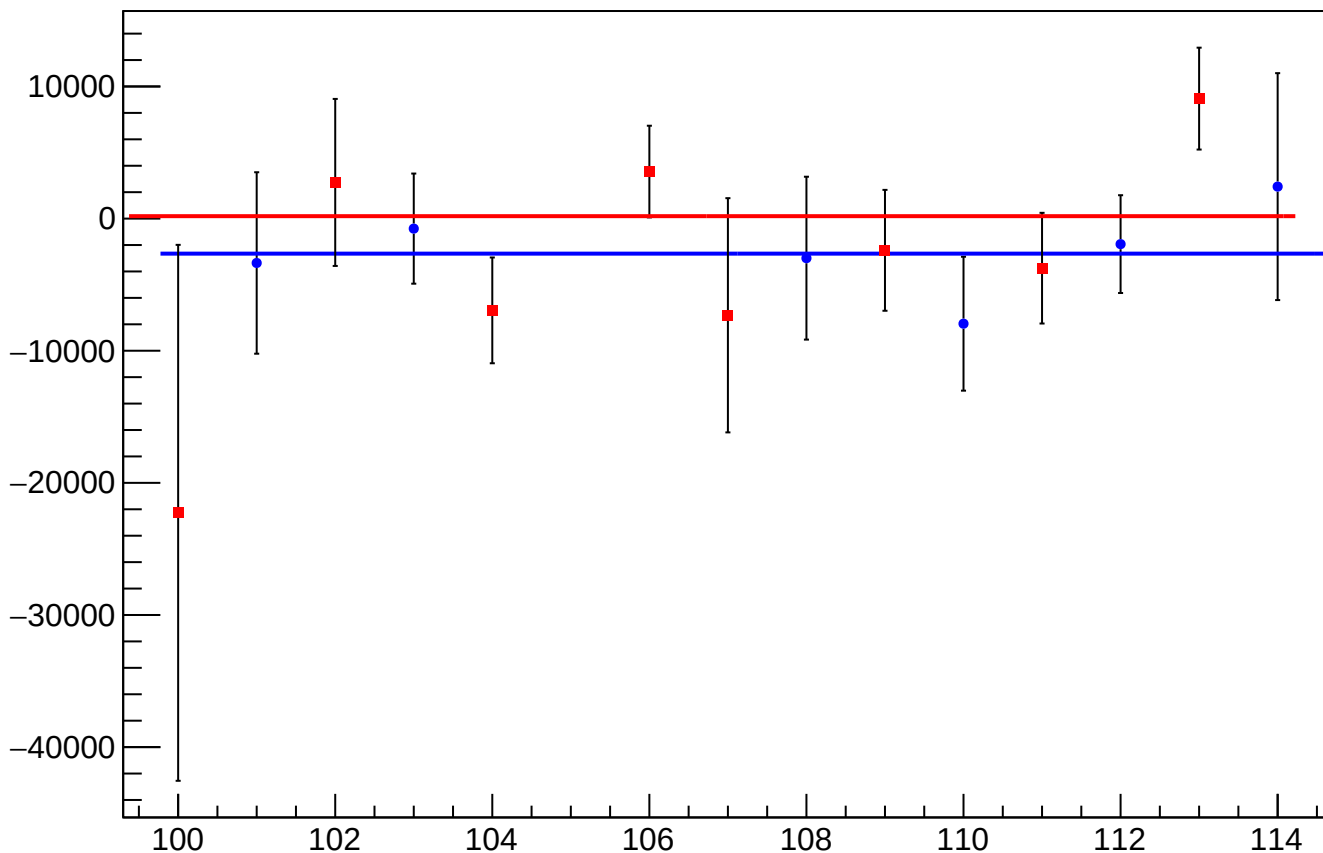
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1724.420 $\pm$ 0.531 χ^2 /NDF: 784517.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: -2651.497+/-2082.368 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.298+/-1671.906 χ^2/NDF : 12.8/7

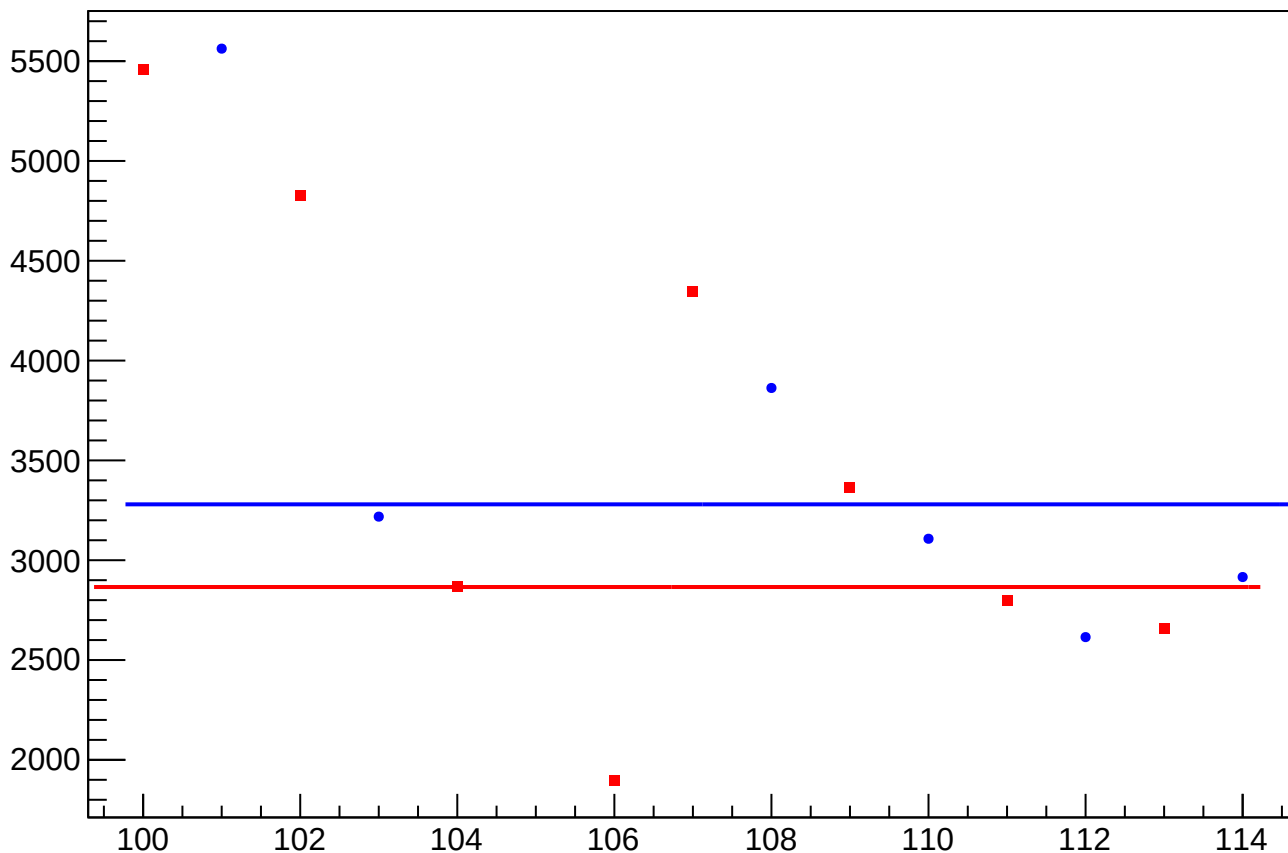
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -927.218+/-1303.701 χ^2/NDF : 15.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 3279.892+/-1.472 χ^2/NDF : 309836.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2865.772+/-1.182 χ^2/NDF : 467018.5/7

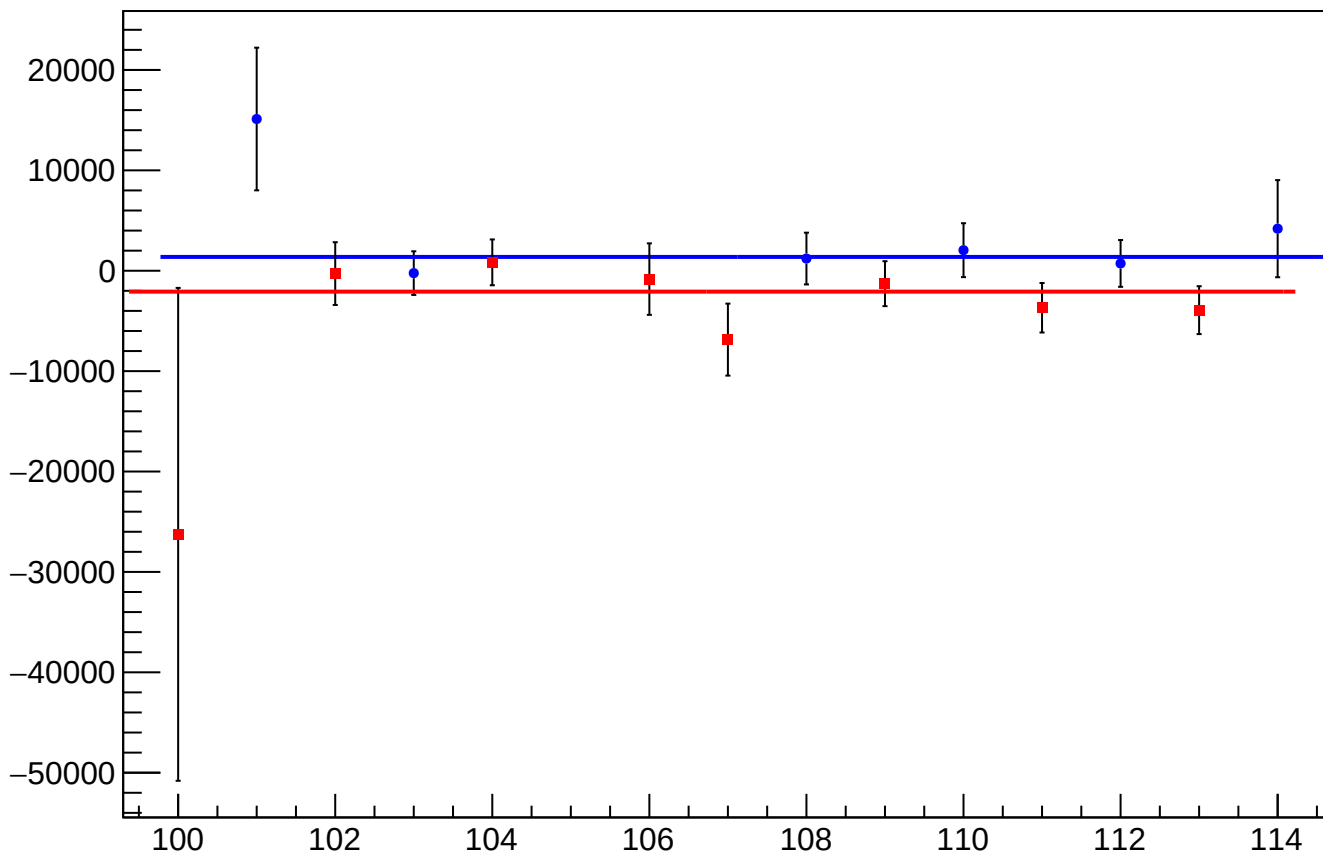
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3028.091+/-0.922 χ^2/NDF : 824949.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 1376.830+/-1156.354 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2080.165+/-1003.784 χ^2/NDF : 6.0/7

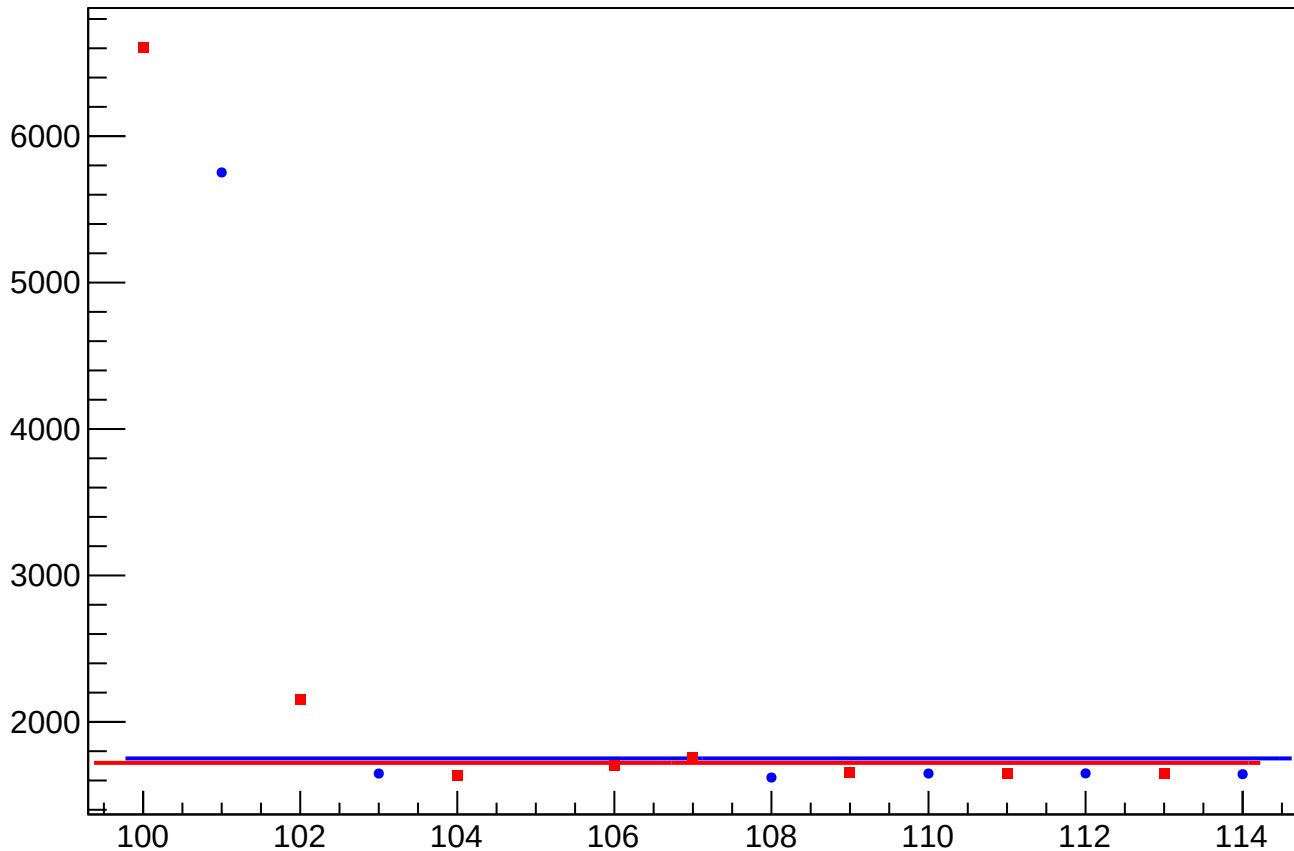
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -594.624+/-758.026 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1750.705 $\pm$ 0.818 χ^2 /NDF: 651680.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

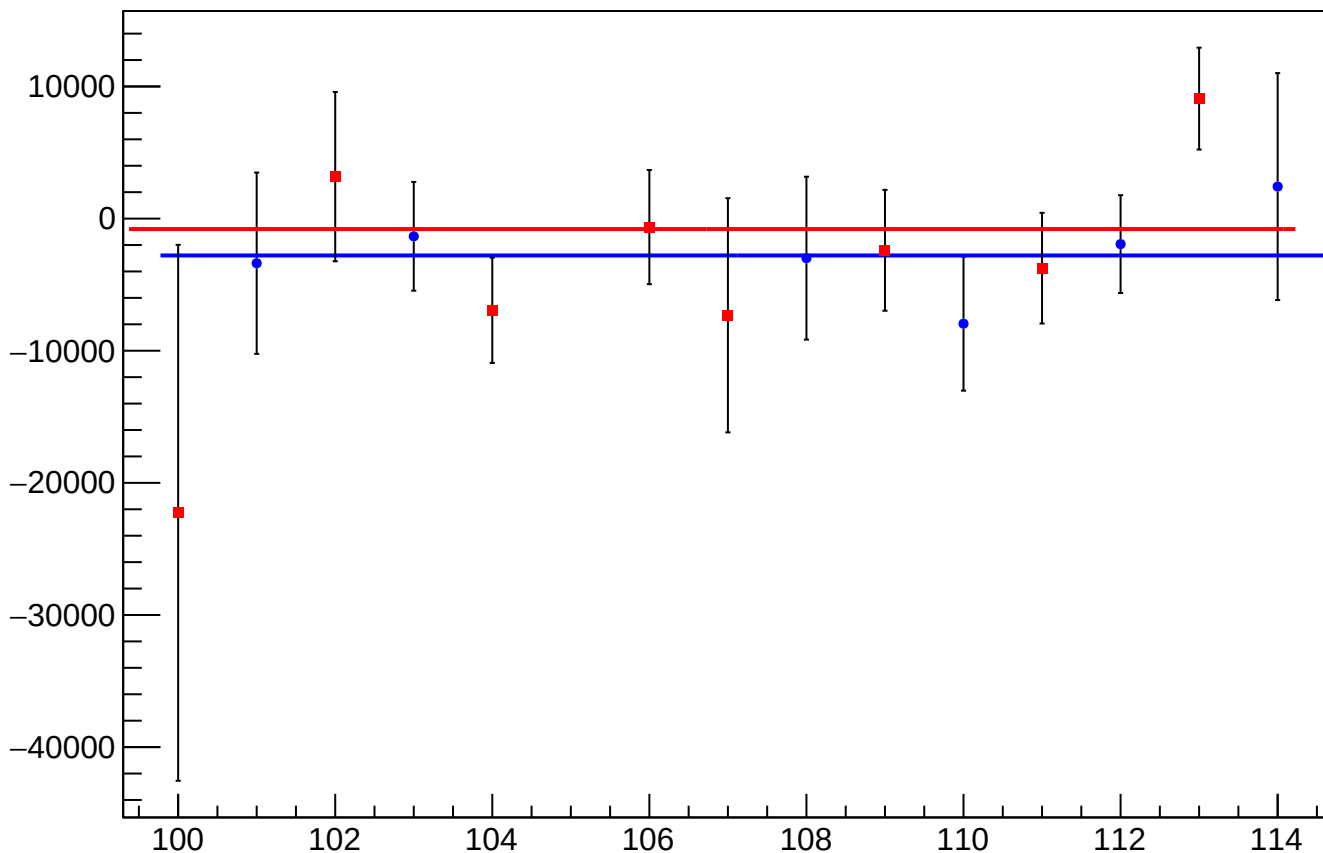
Right Out: 1720.273 $\pm$ 0.704 χ^2 /NDF: 126282.5/7

All: 1733.220 $\pm$ 0.533 χ^2 /NDF: 778758.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: -2789.552 $\pm$ 2075.641 χ^2/NDF : 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -791.082 $\pm$ 1745.456 χ^2/NDF : 11.6/7

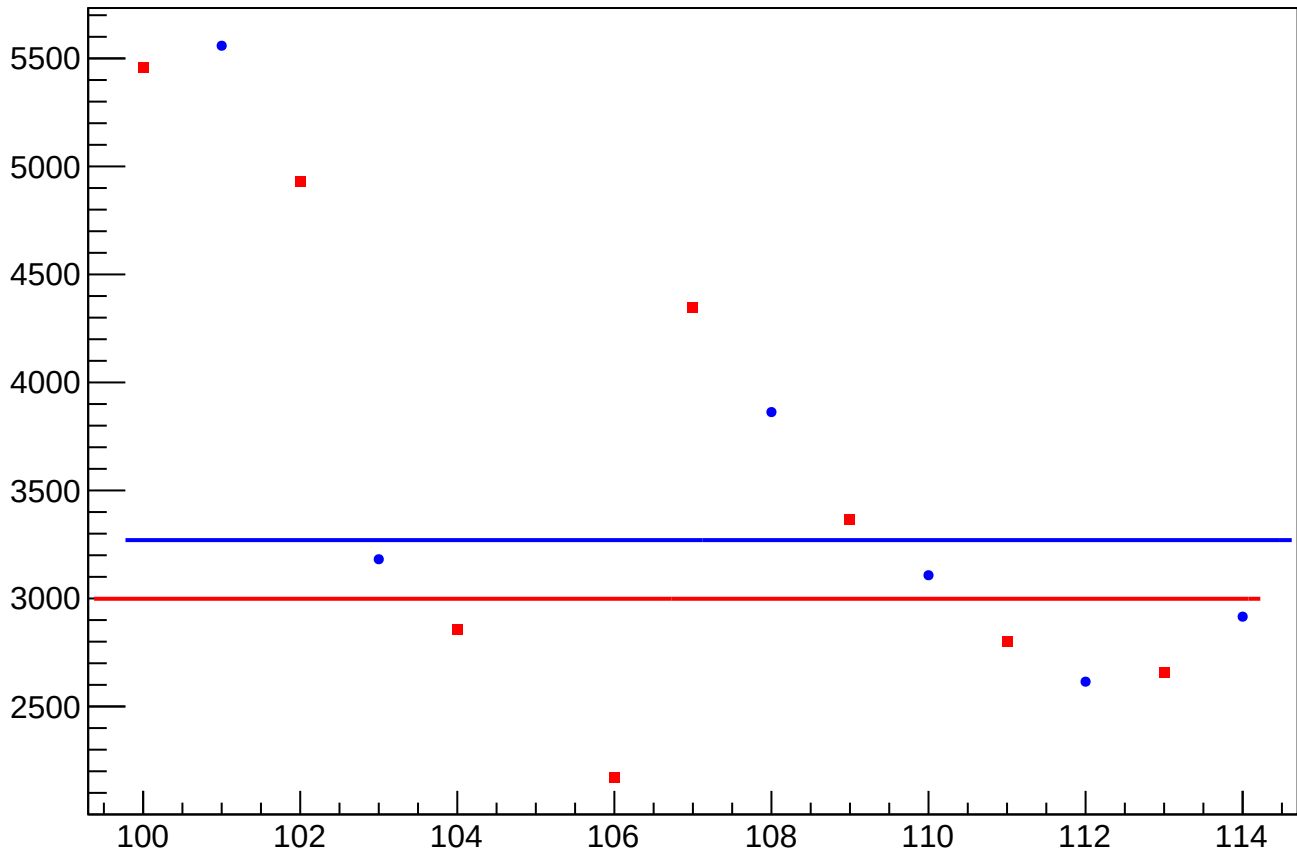
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1618.907 $\pm$ 1335.896 χ^2/NDF : 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 3270.079+/-1.468 χ^2/NDF : 310049.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2998.614+/-1.234 χ^2/NDF : 365823.4/7

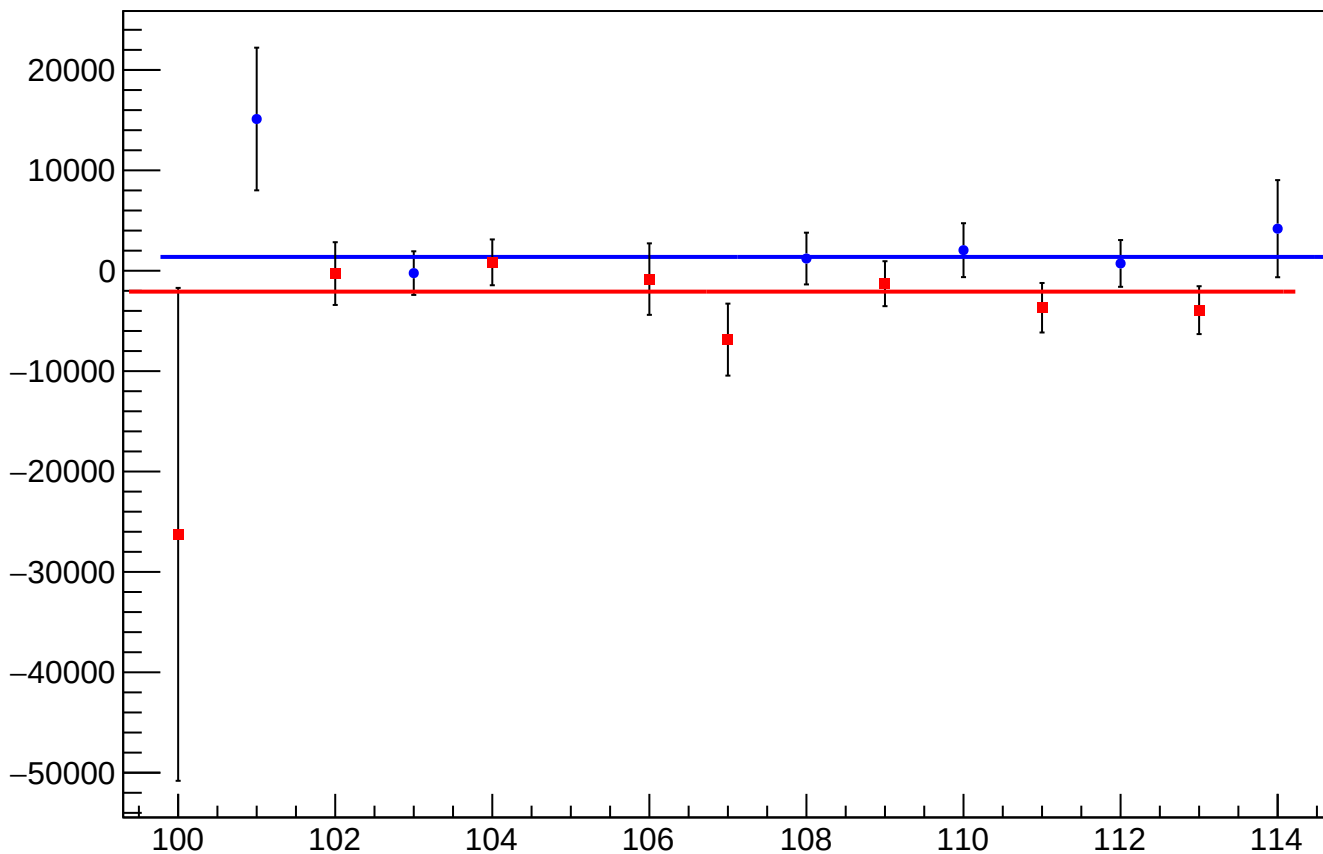
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.063+/-0.945 χ^2/NDF : 695912.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 1376.830+/-1156.354 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2080.165+/-1003.784 χ^2/NDF : 6.0/7

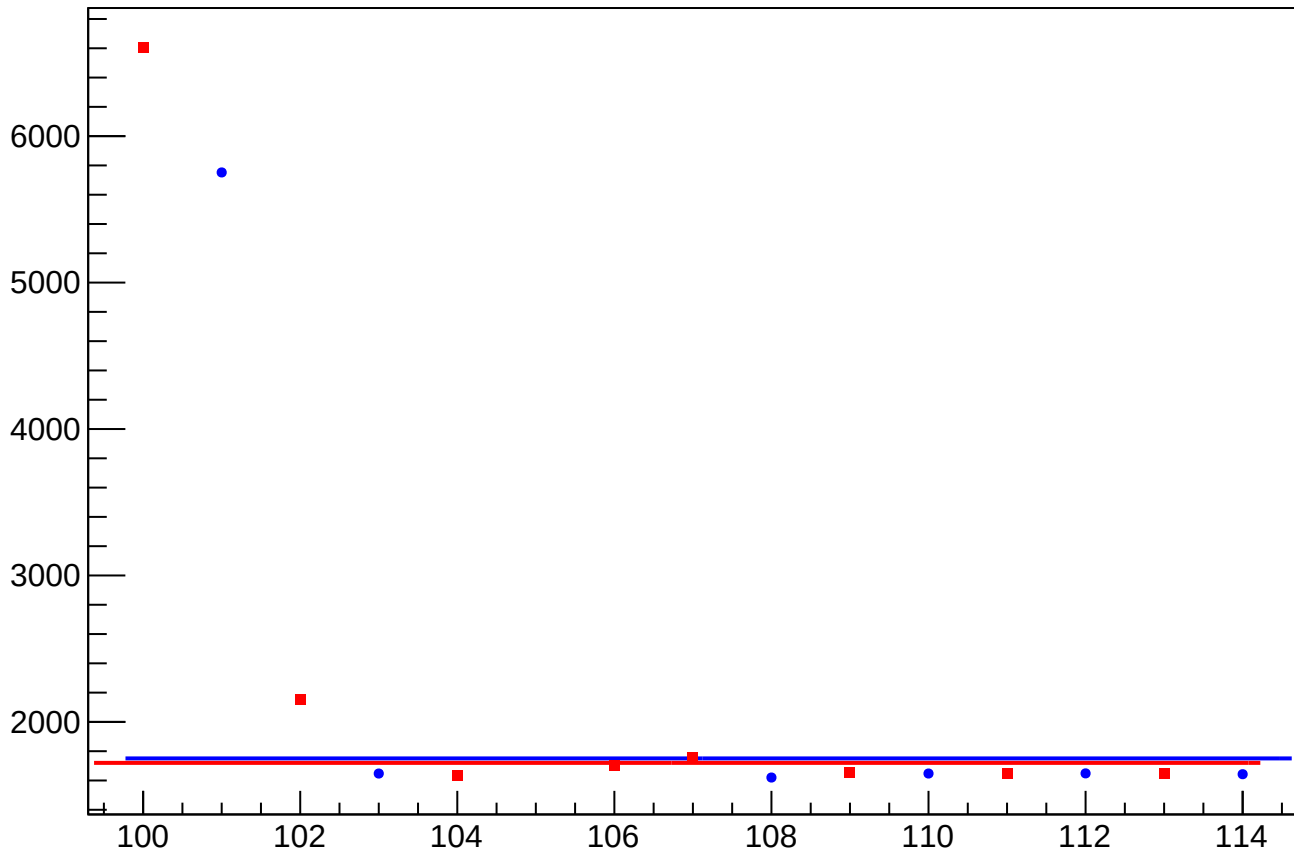
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -594.624+/-758.026 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1750.705 $\pm$ 0.818 χ^2 /NDF: 651680.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

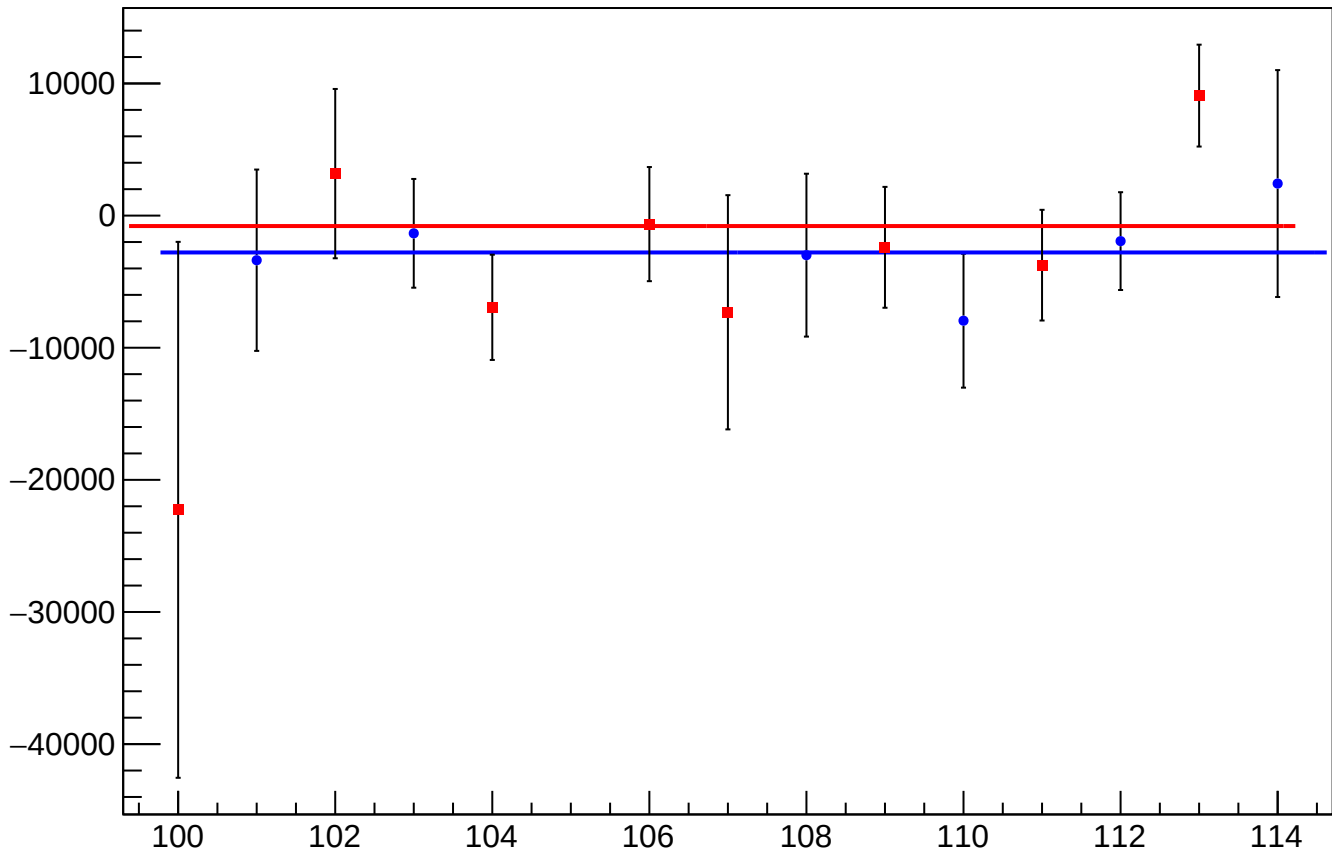
Right Out: 1720.273 $\pm$ 0.704 χ^2 /NDF: 126282.5/7

All: 1733.220 $\pm$ 0.533 χ^2 /NDF: 778758.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: -2789.552 $\pm$ 2075.641 χ^2/NDF : 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -791.082 $\pm$ 1745.456 χ^2/NDF : 11.6/7

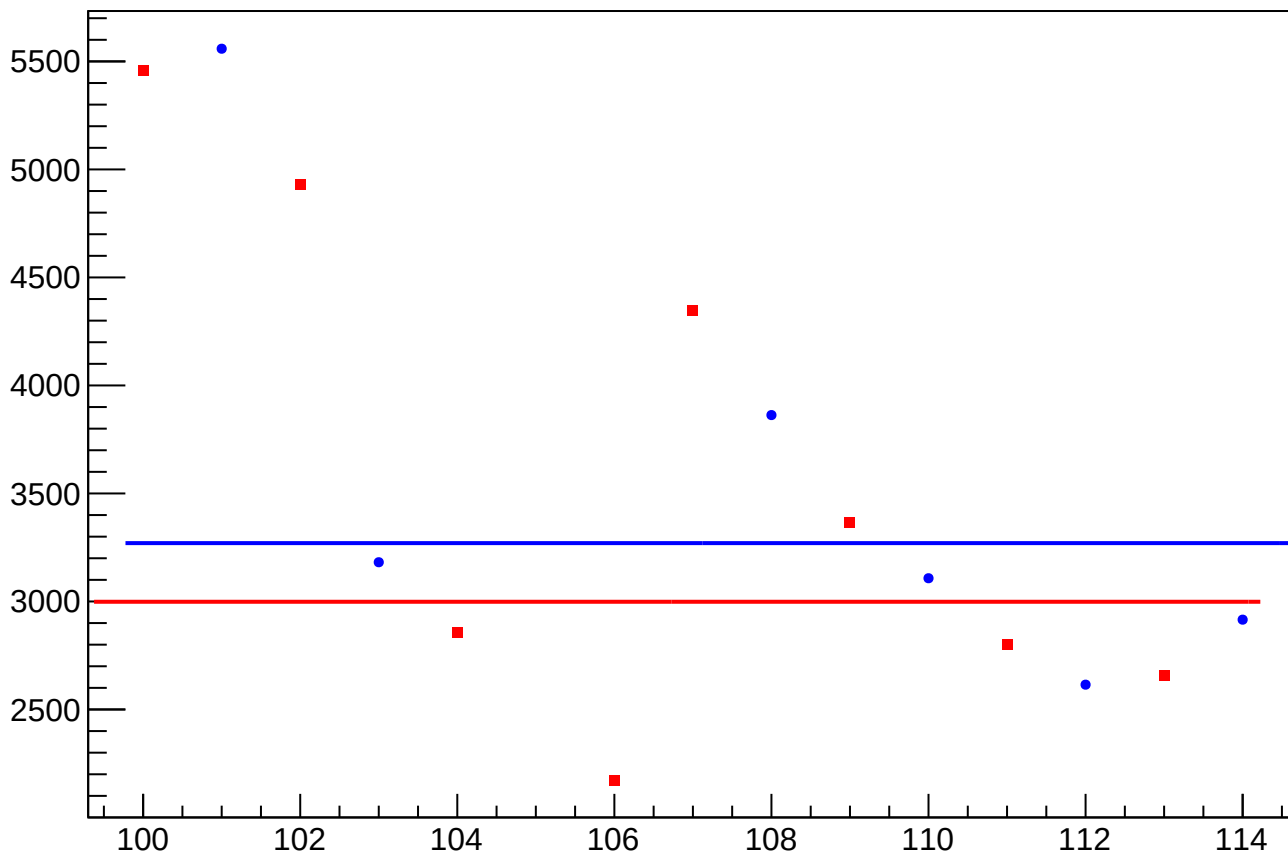
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1618.907 $\pm$ 1335.896 χ^2/NDF : 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 3270.079+/-1.468 χ^2/NDF : 310049.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2998.614+/-1.234 χ^2/NDF : 365823.4/7

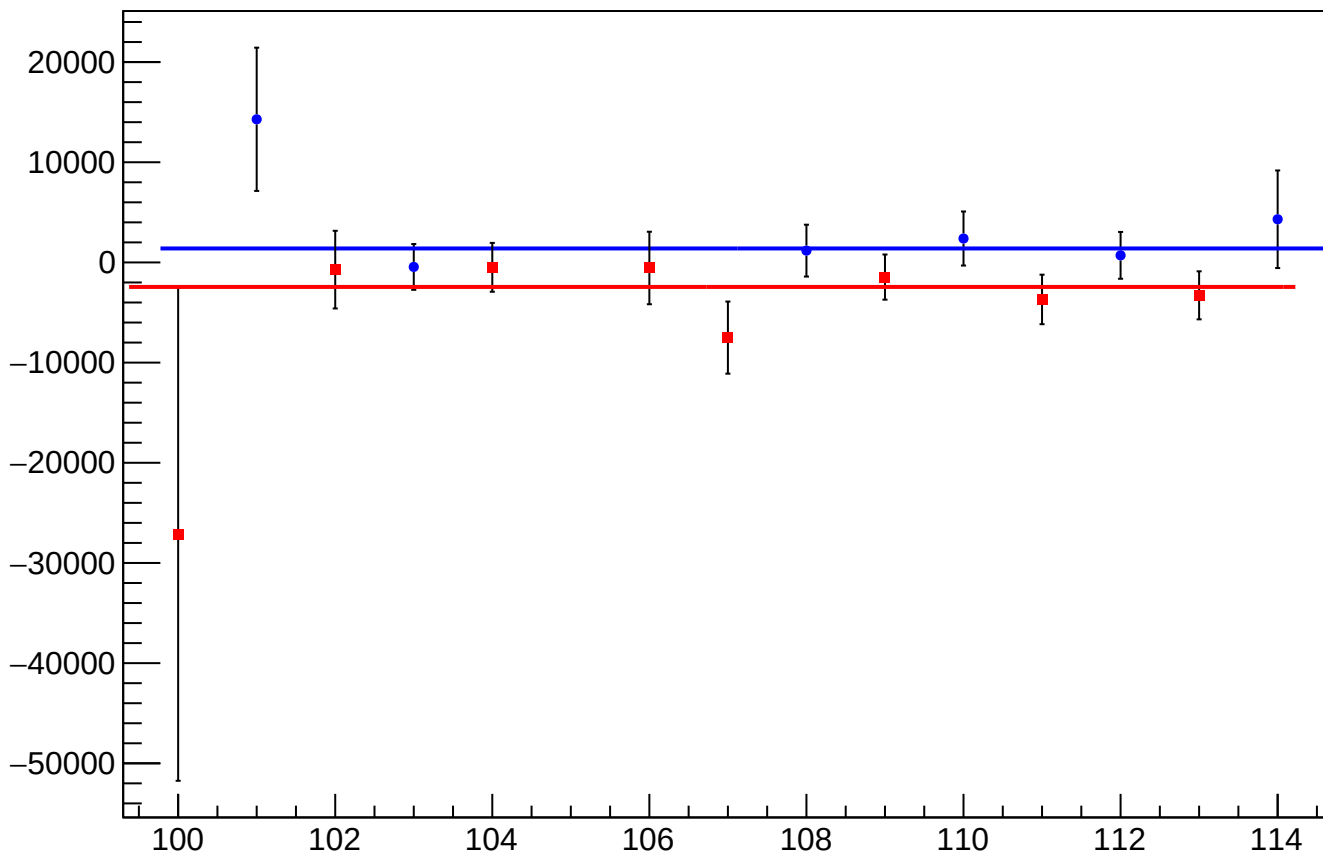
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.063+/-0.945 χ^2/NDF : 695912.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_mean vs Slug



Right In: 1394.532 $\pm$ 1175.991 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2445.288 $\pm$ 1040.113 χ^2 /NDF: 4.7/7

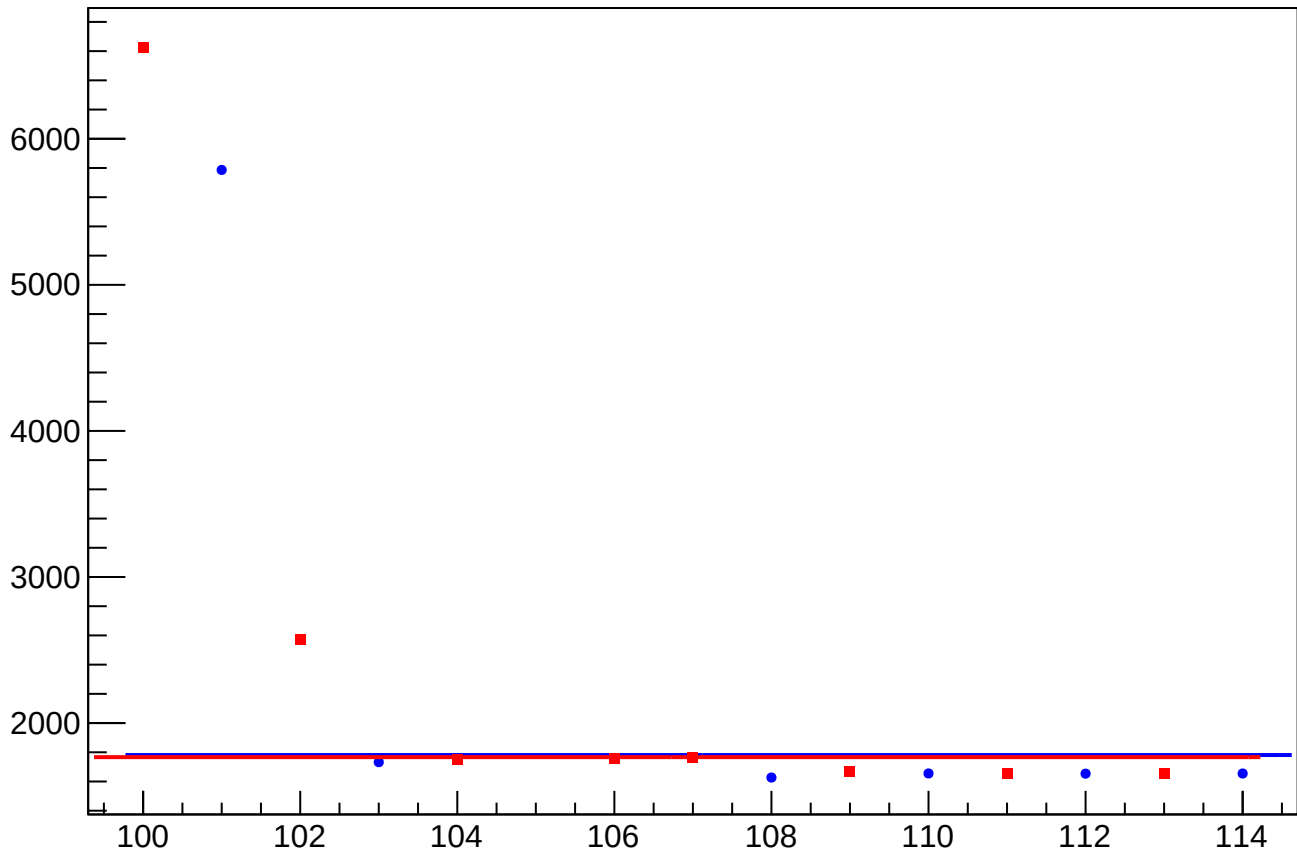
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -759.931 $\pm$ 779.103 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1781.204+/-0.832 χ^2/NDF : 647356.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1766.764+/-0.731 χ^2/NDF : 177422.8/7

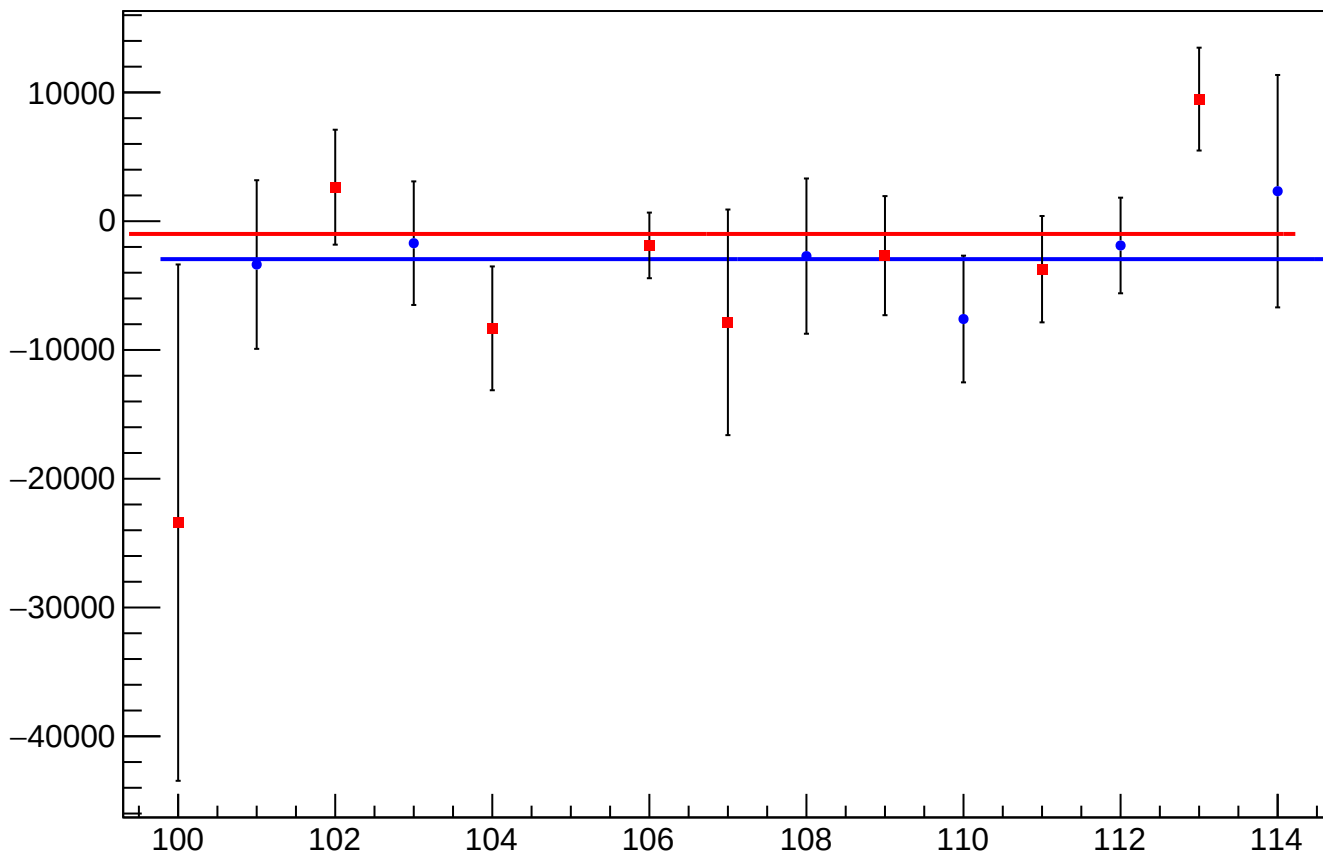
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1773.055+/-0.549 χ^2/NDF : 824949.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: -2945.859+/-2130.214 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -989.836+/-1523.115 χ^2/NDF : 12.4/7

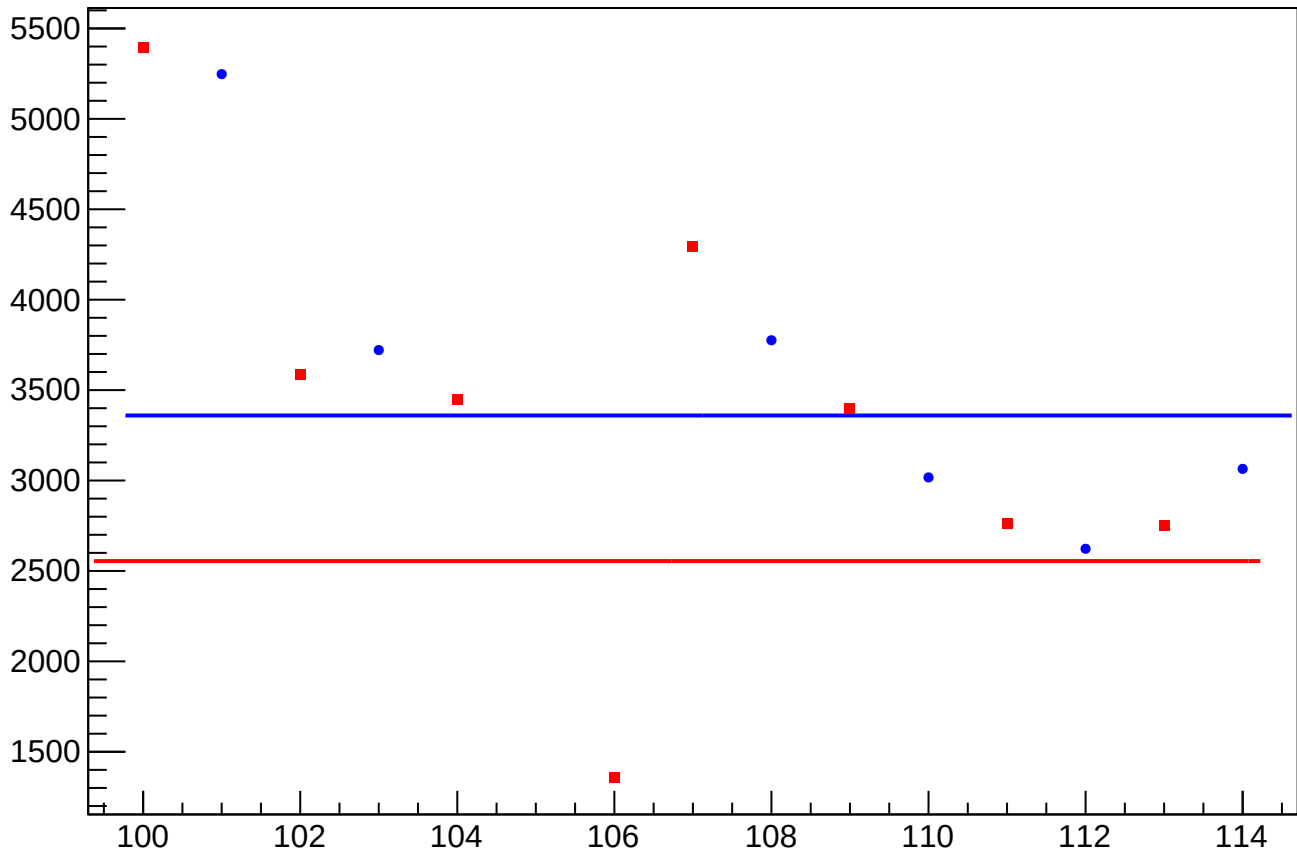
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1651.537+/-1238.988 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 3359.599+/-1.506 χ^2/NDF : 277735.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.569+/-1.077 χ^2/NDF : 813337.3/7

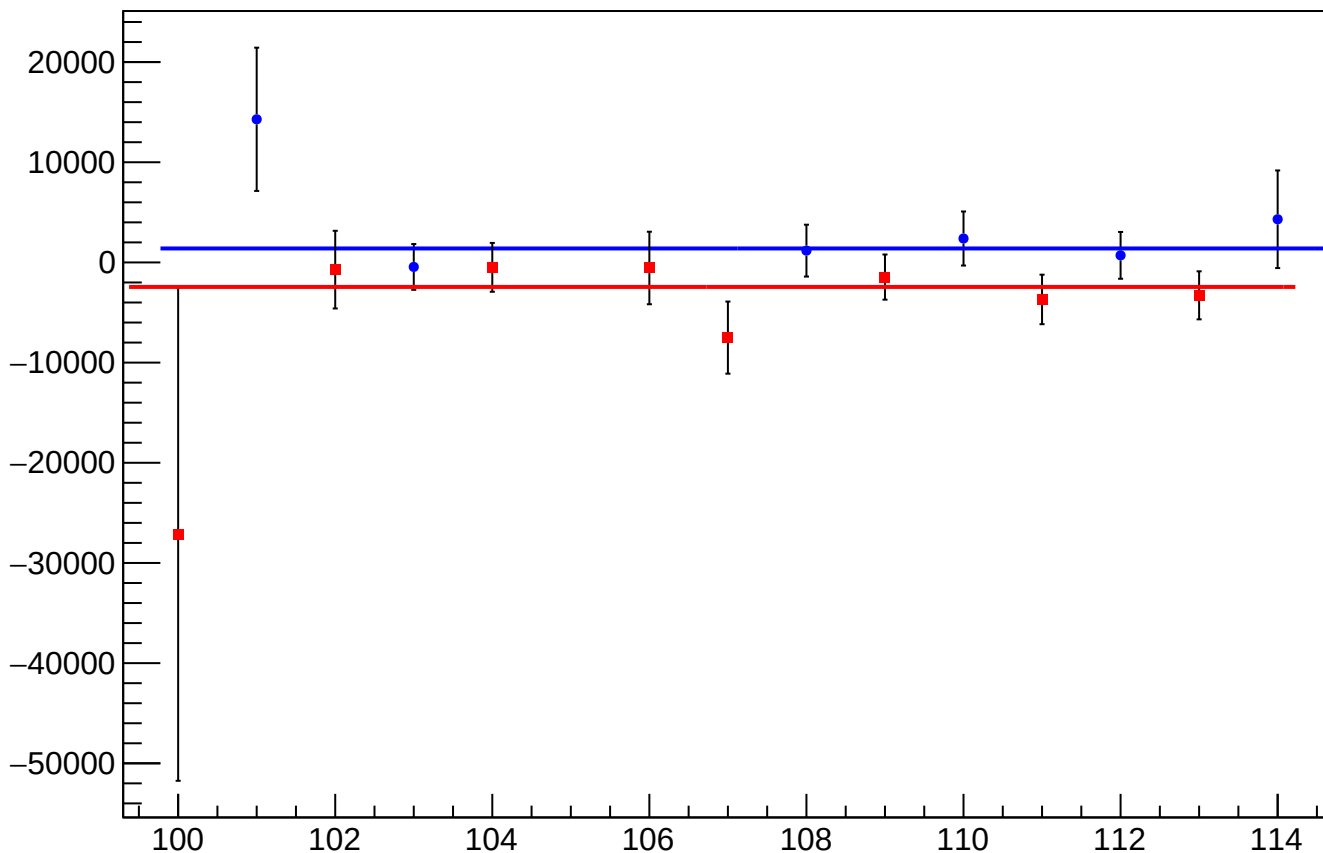
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2826.901+/-0.876 χ^2/NDF : 1280079.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 1394.543 $\pm$ 1175.991 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2445.294 $\pm$ 1040.113 χ^2 /NDF: 4.7/7

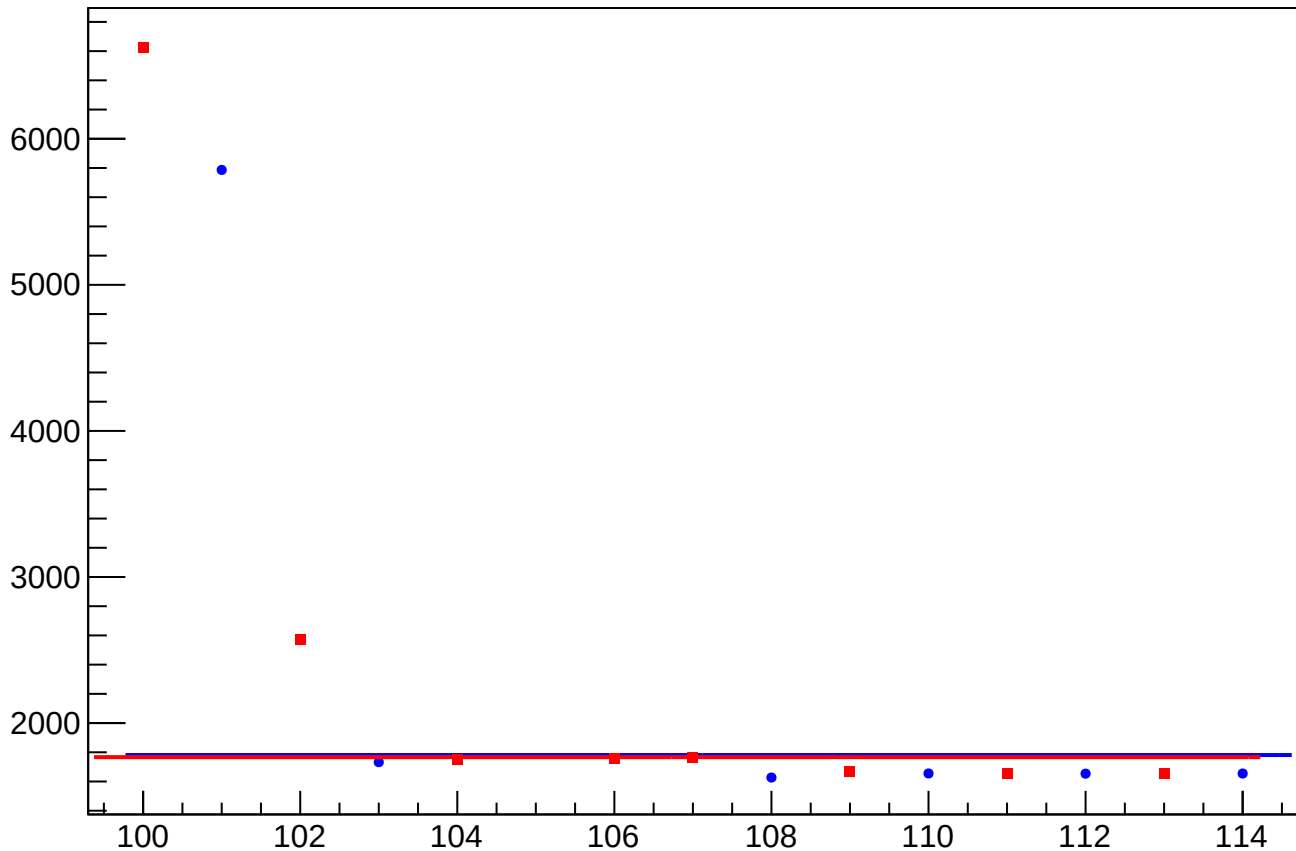
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -759.929 $\pm$ 779.102 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1781.204 $\pm$ 0.832 χ^2 /NDF: 647356.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1766.763 $\pm$ 0.731 χ^2 /NDF: 177422.8/7

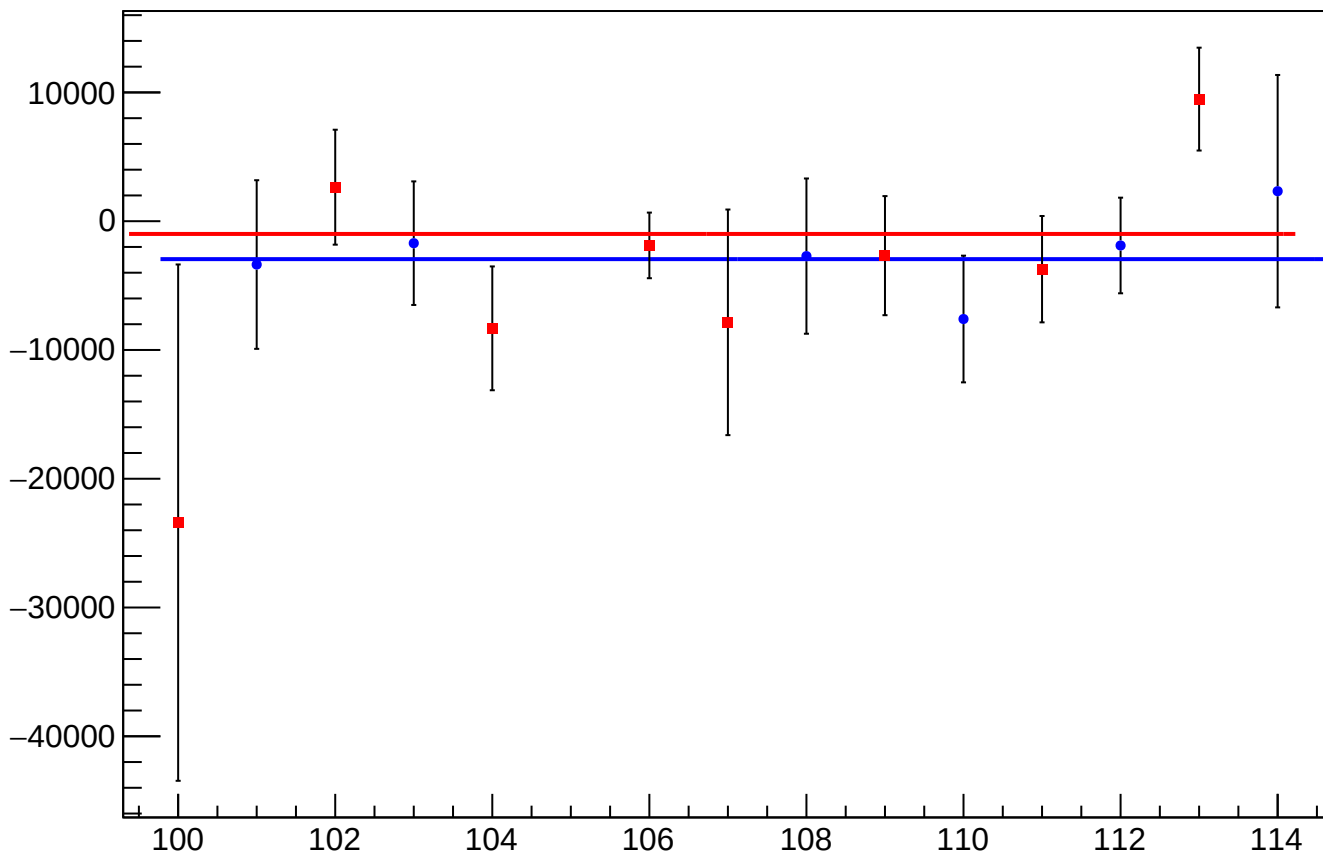
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1773.054 $\pm$ 0.549 χ^2 /NDF: 824949.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: -2945.850+/-2130.208 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -989.834+/-1523.109 χ^2/NDF : 12.4/7

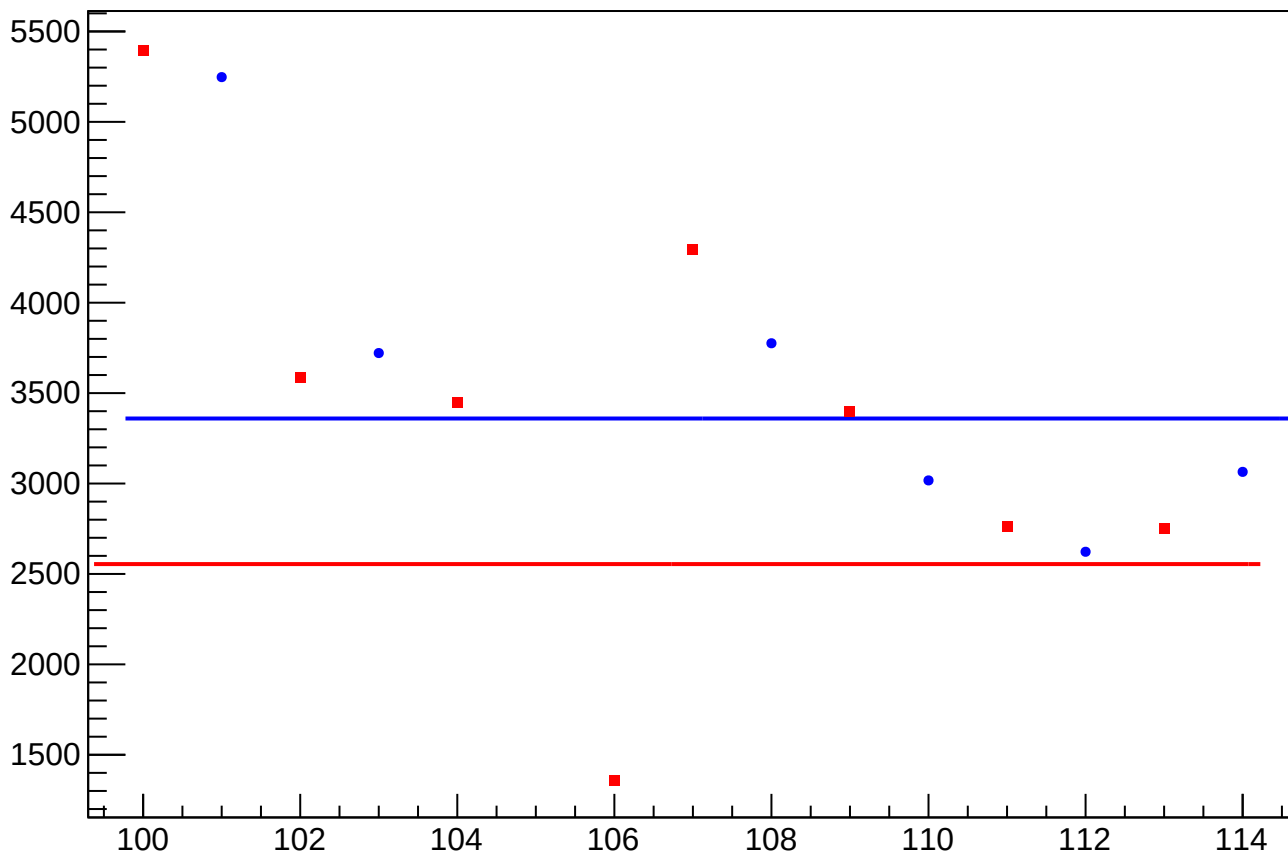
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1651.531+/-1238.983 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 3359.590+/-1.506 χ^2/NDF : 277737.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

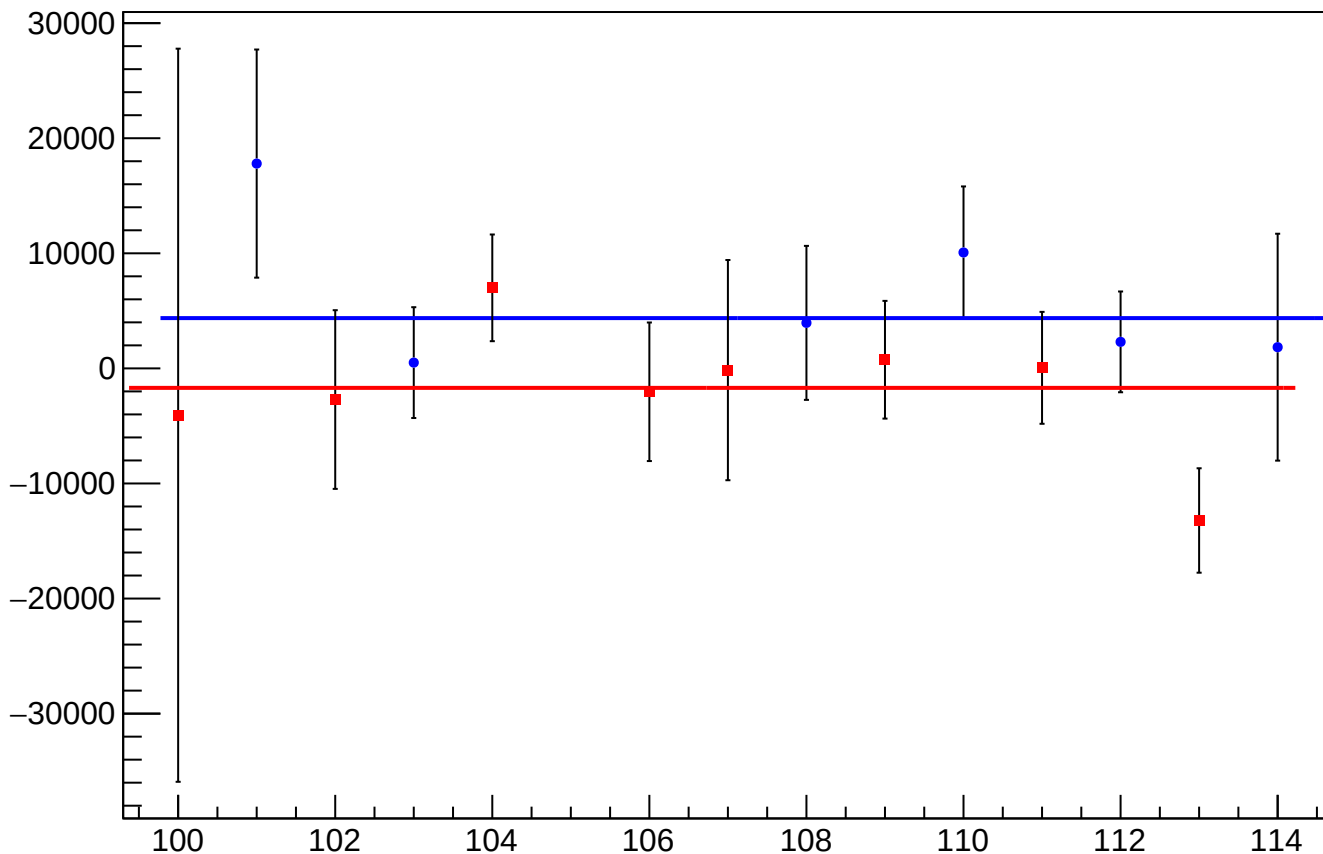
Right Out: 2554.554+/-1.077 χ^2/NDF : 813350.4/7

All: 2826.888+/-0.876 χ^2/NDF : 1280097.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_mean vs Slug



Right In: 4369.280+/-2436.281 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1692.961+/-2077.245 χ^2/NDF : 10.4/7

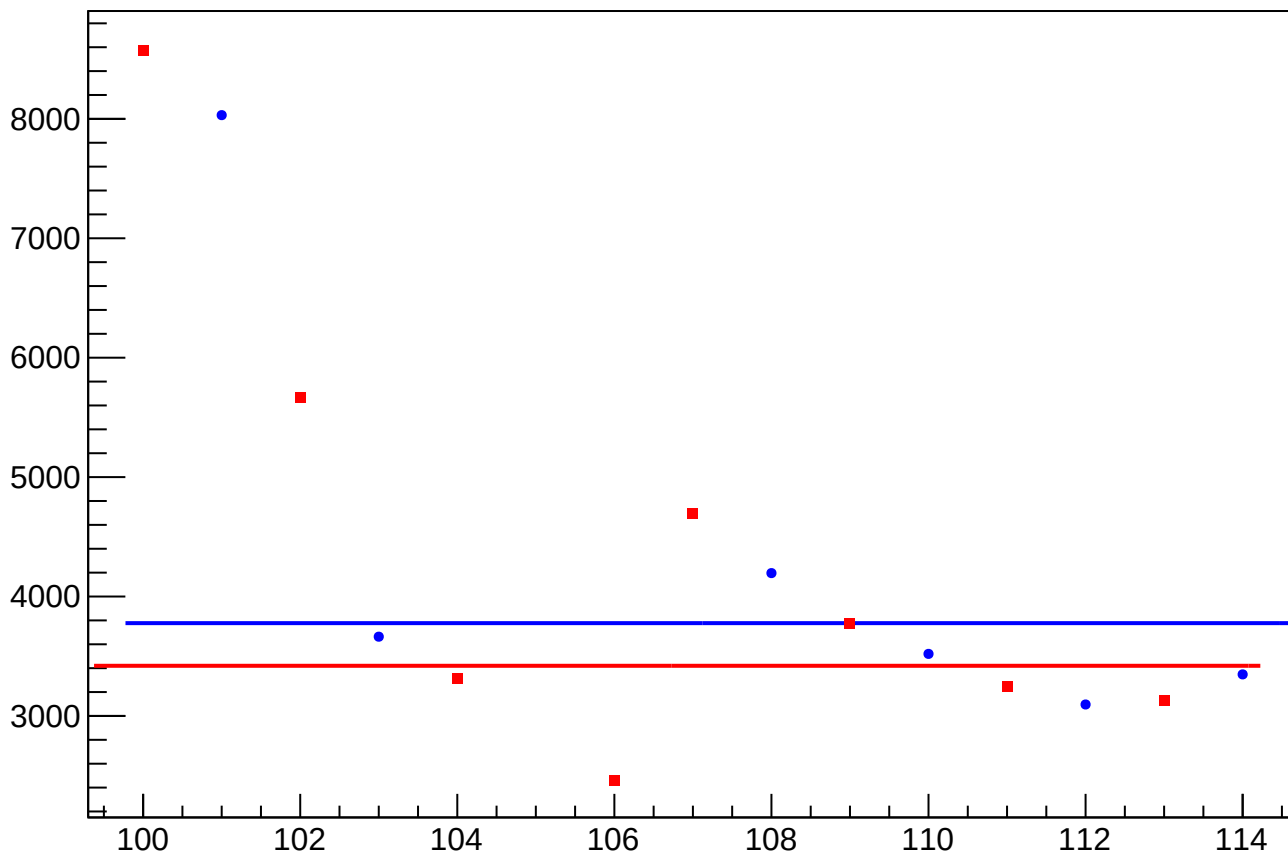
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.961+/-1580.682 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 3777.105+/-1.723 χ^2/NDF : 433583.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

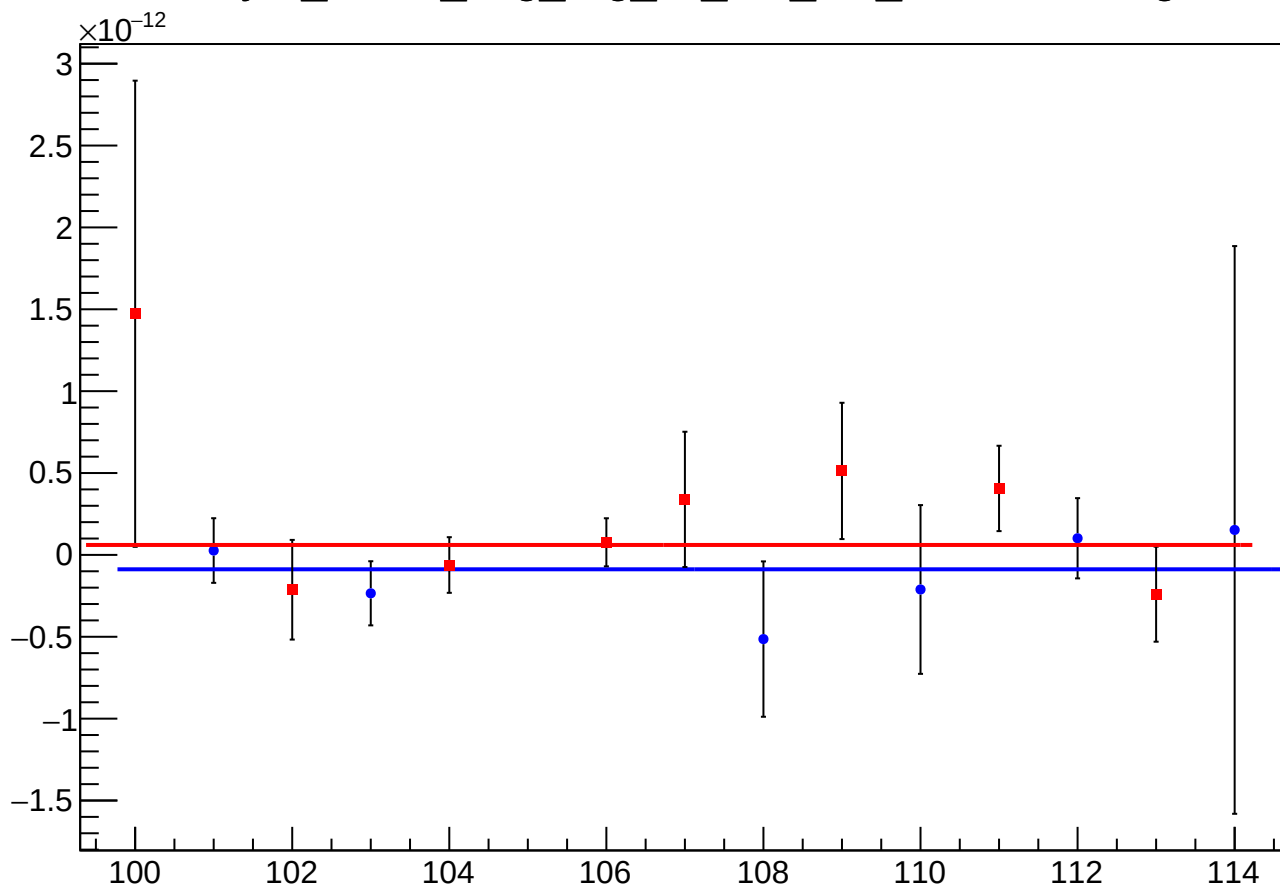
Right Out: 3419.958+/-1.416 χ^2/NDF : 358980.1/7

All: 3564.007+/-1.094 χ^2/NDF : 818208.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 2.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 6.8/7

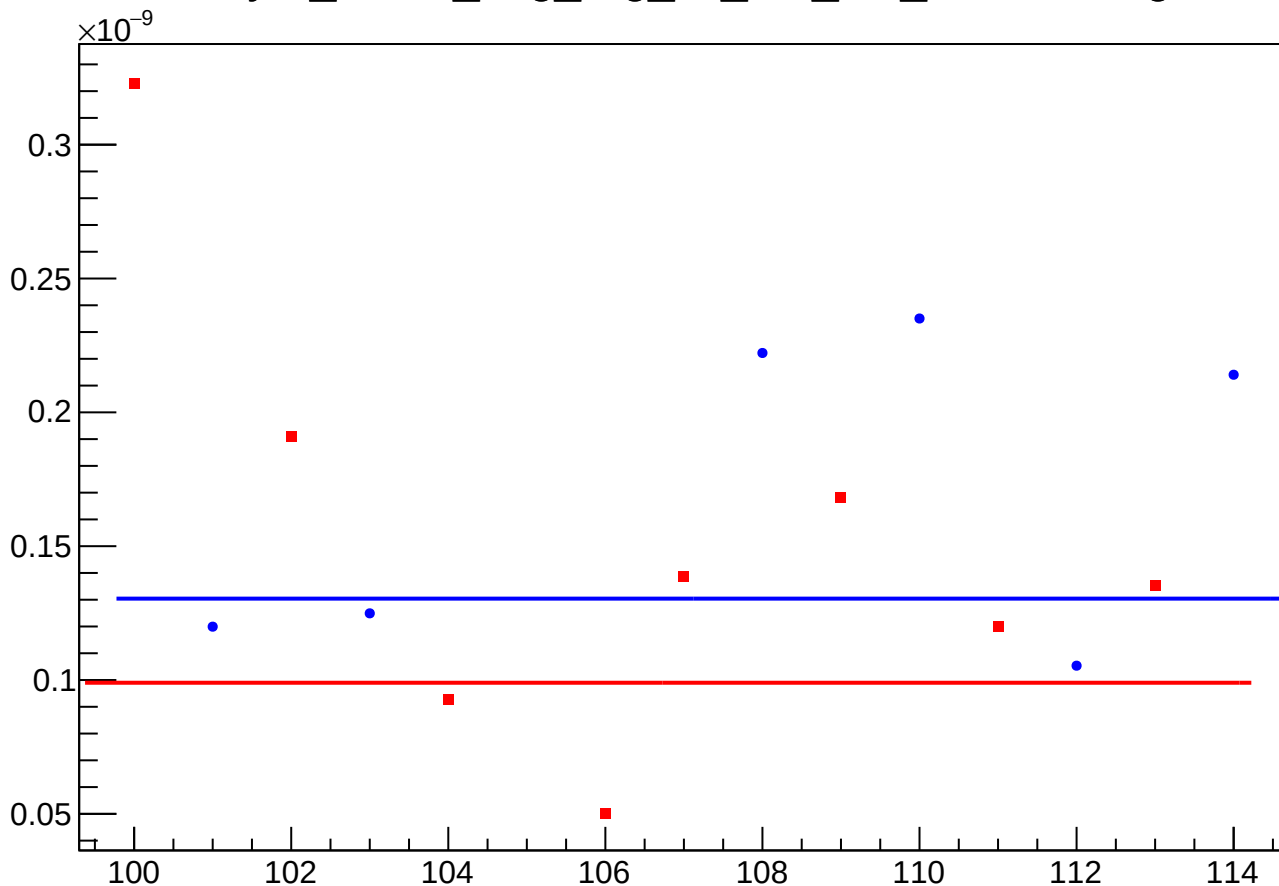
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 10.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 190095.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 574312.0/7

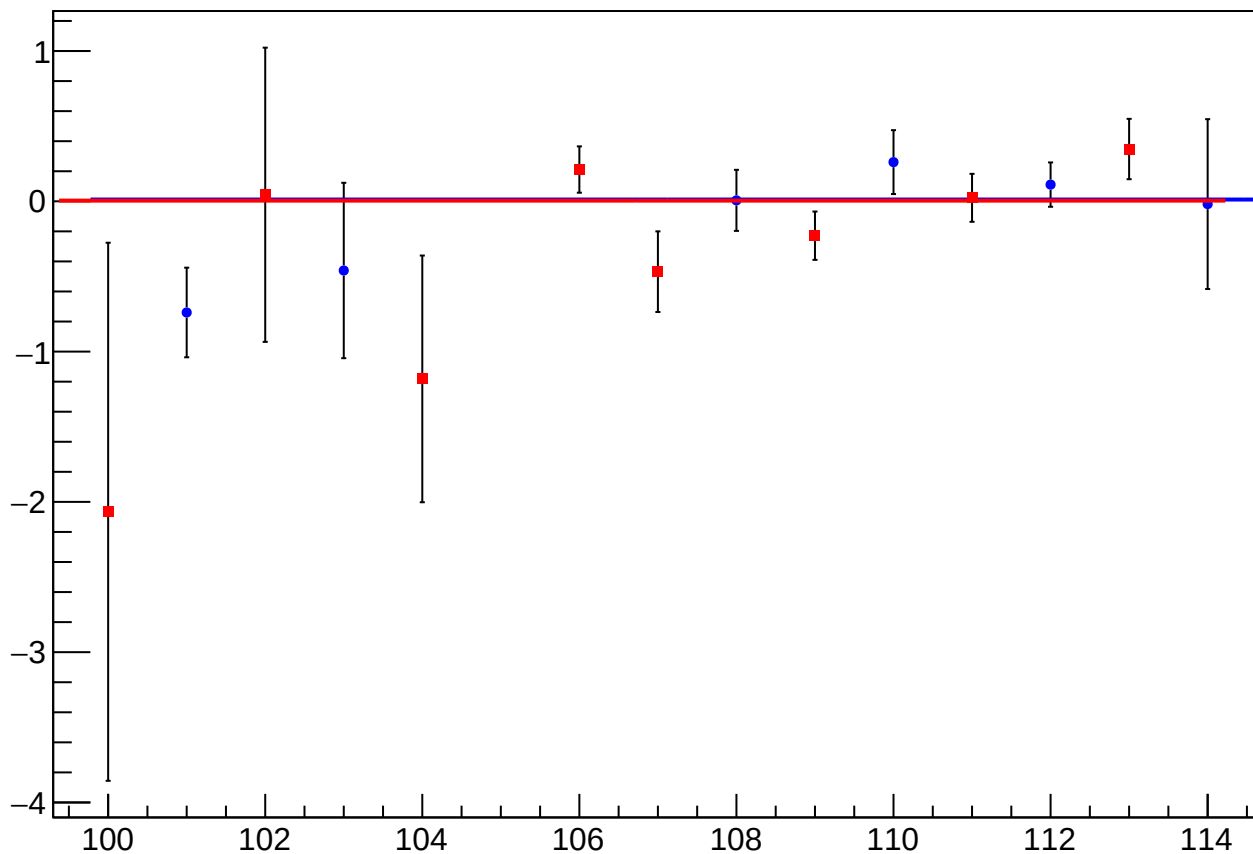
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 860023.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.095 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7

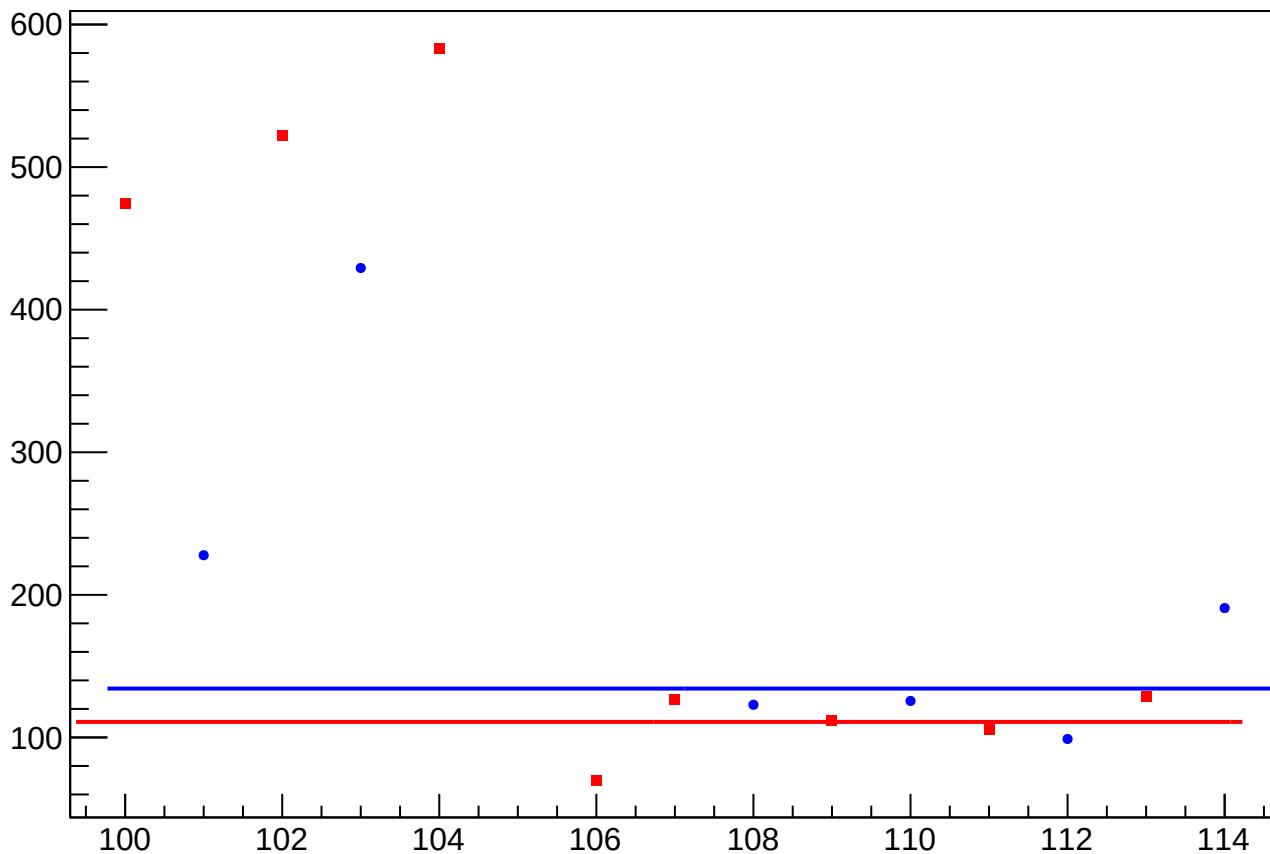
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.061 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 134.293+/-0.068 χ^2/NDF : 852338.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.877+/-0.056 χ^2/NDF : 1265632.0/7

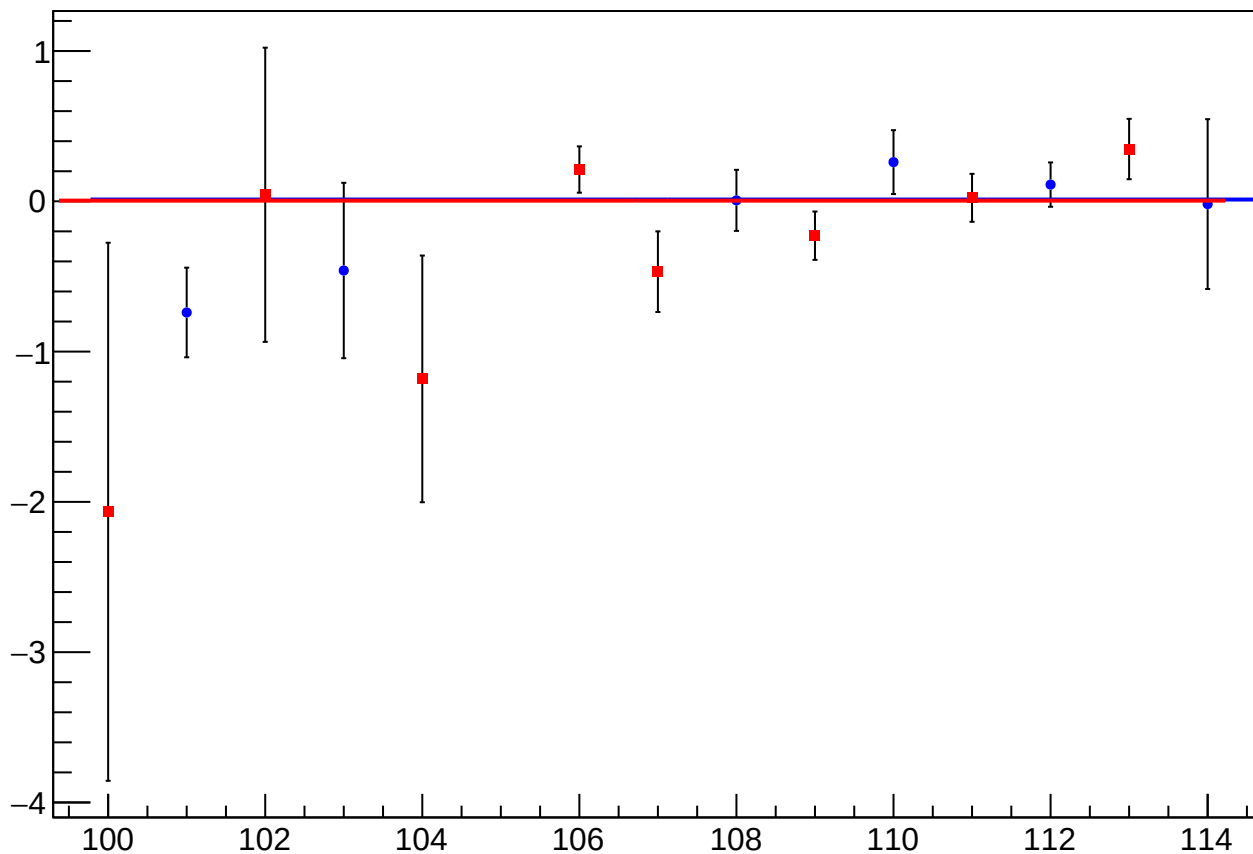
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.344+/-0.043 χ^2/NDF : 2189605.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.095 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7

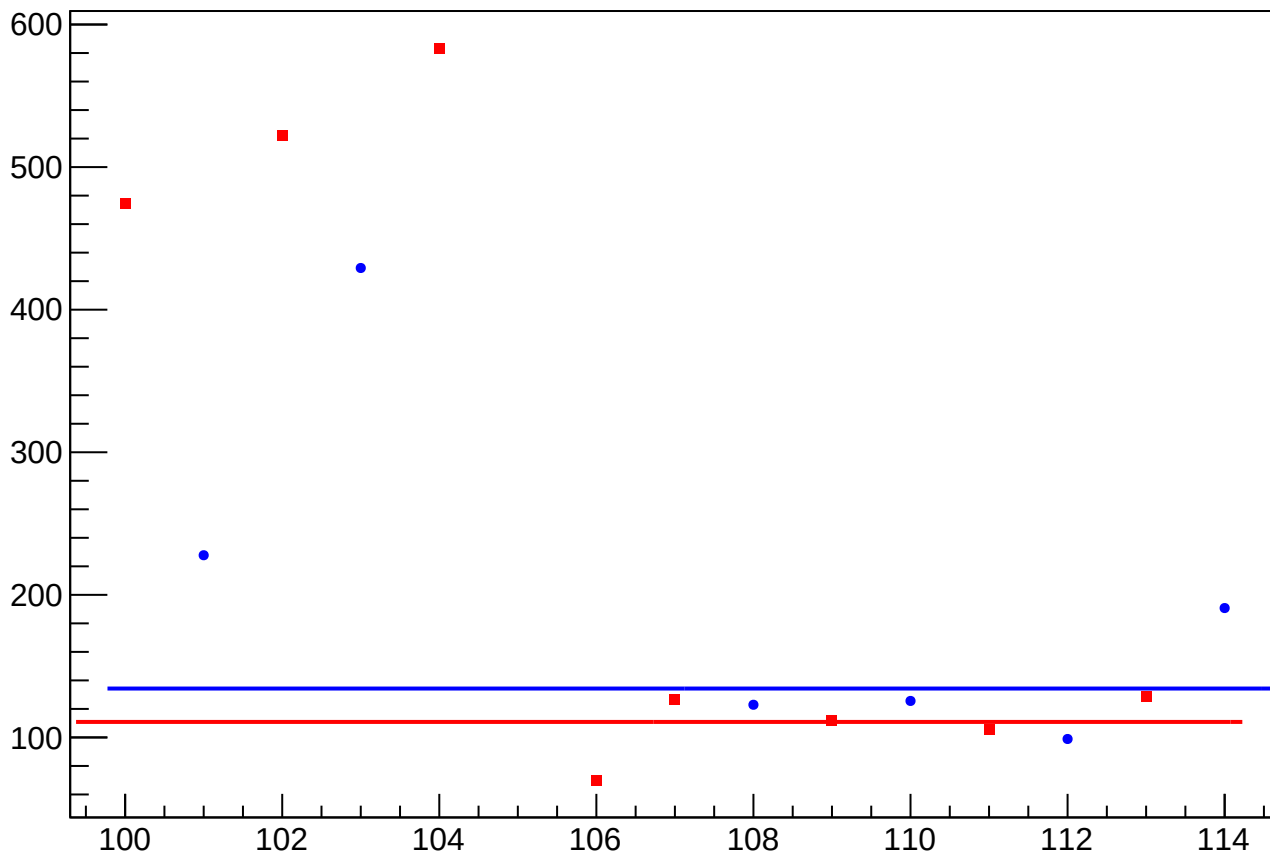
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.061 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 134.293+/-0.068 χ^2/NDF : 852338.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.877+/-0.056 χ^2/NDF : 1265632.0/7

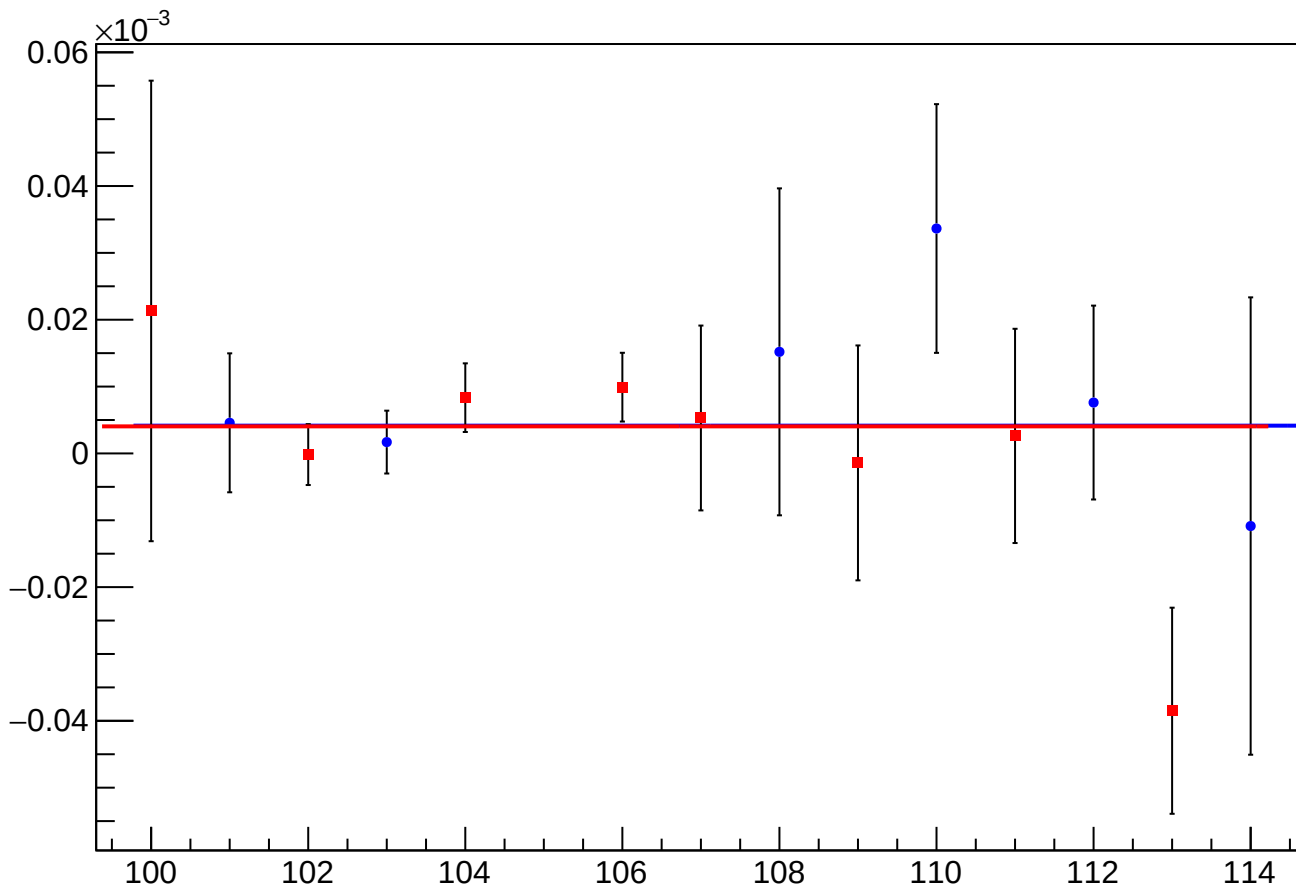
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.344+/-0.043 χ^2/NDF : 2189605.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/7

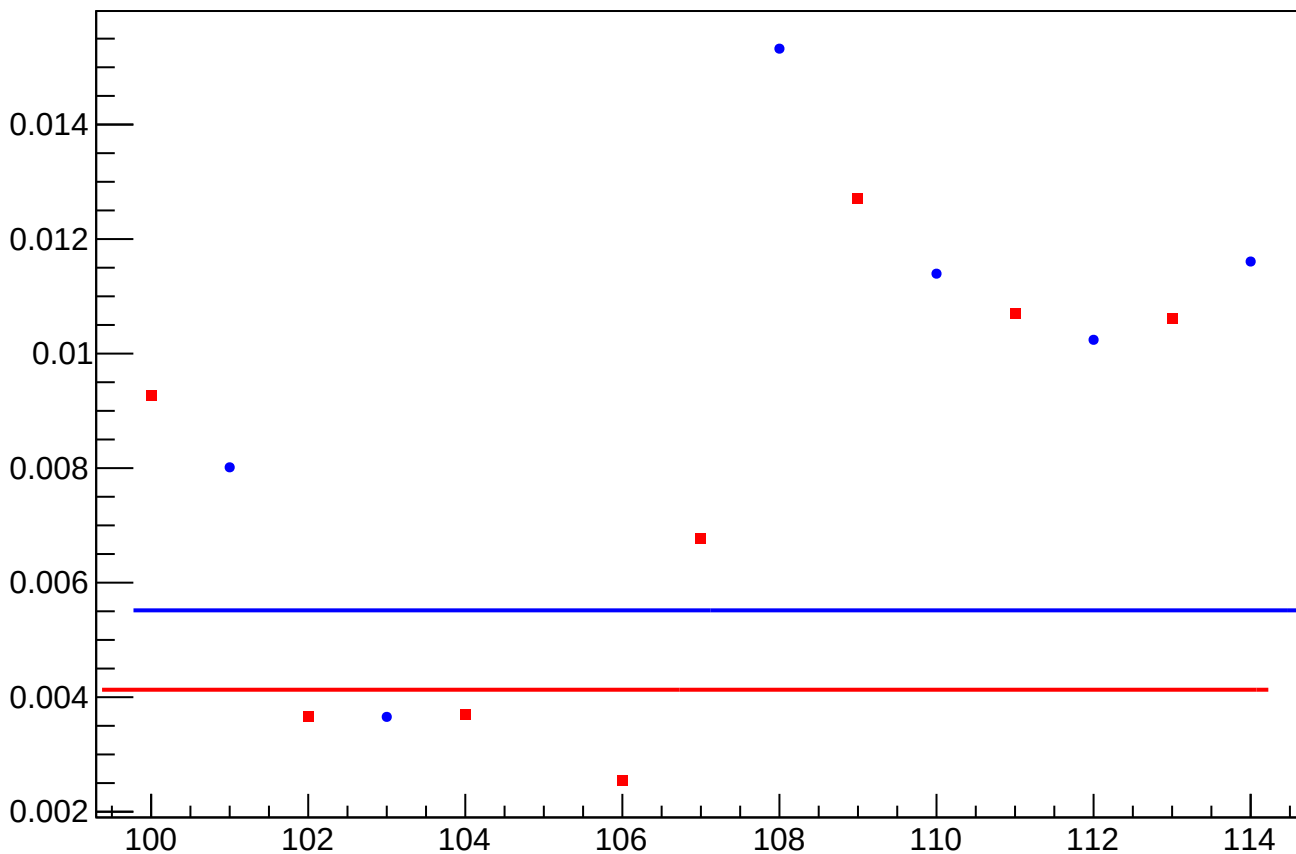
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1225962.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1510628.9/7

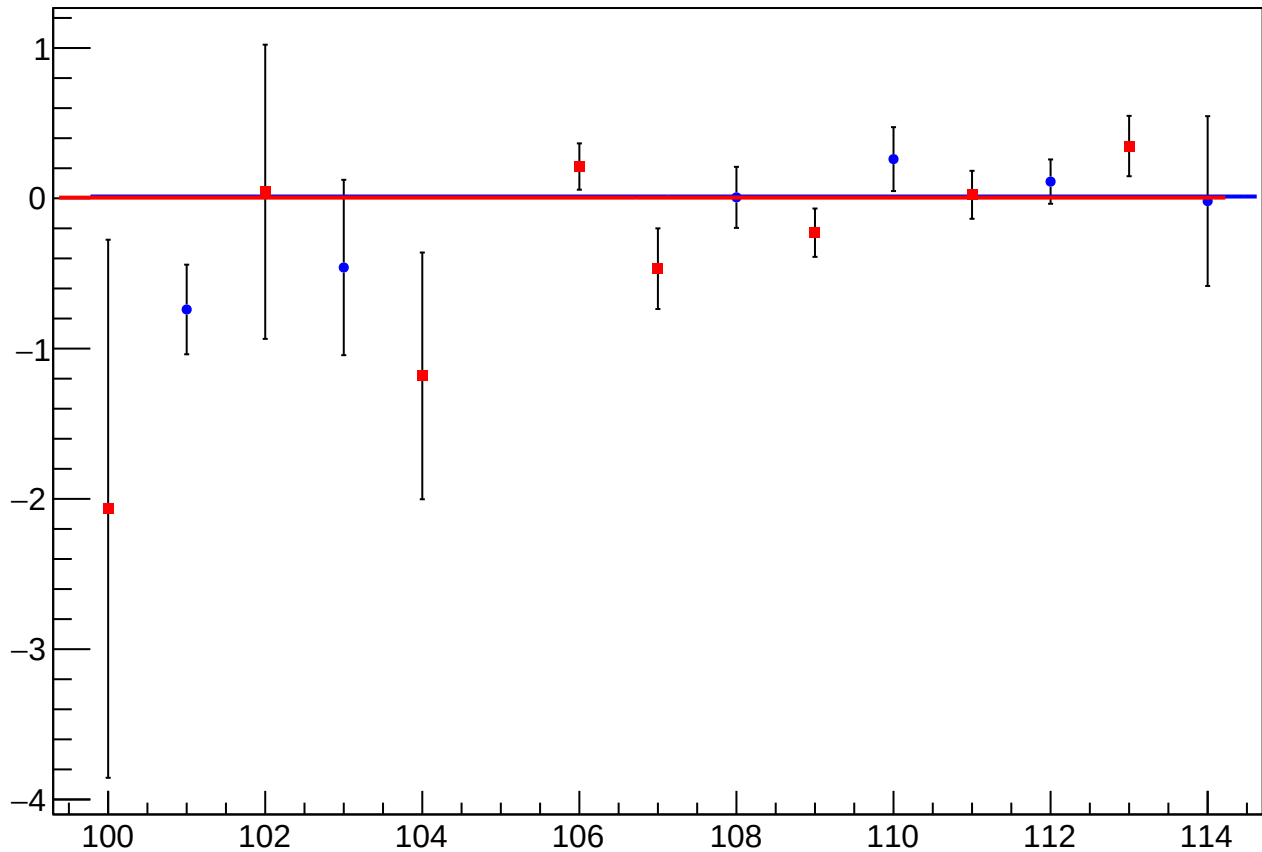
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2907156.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.095 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7

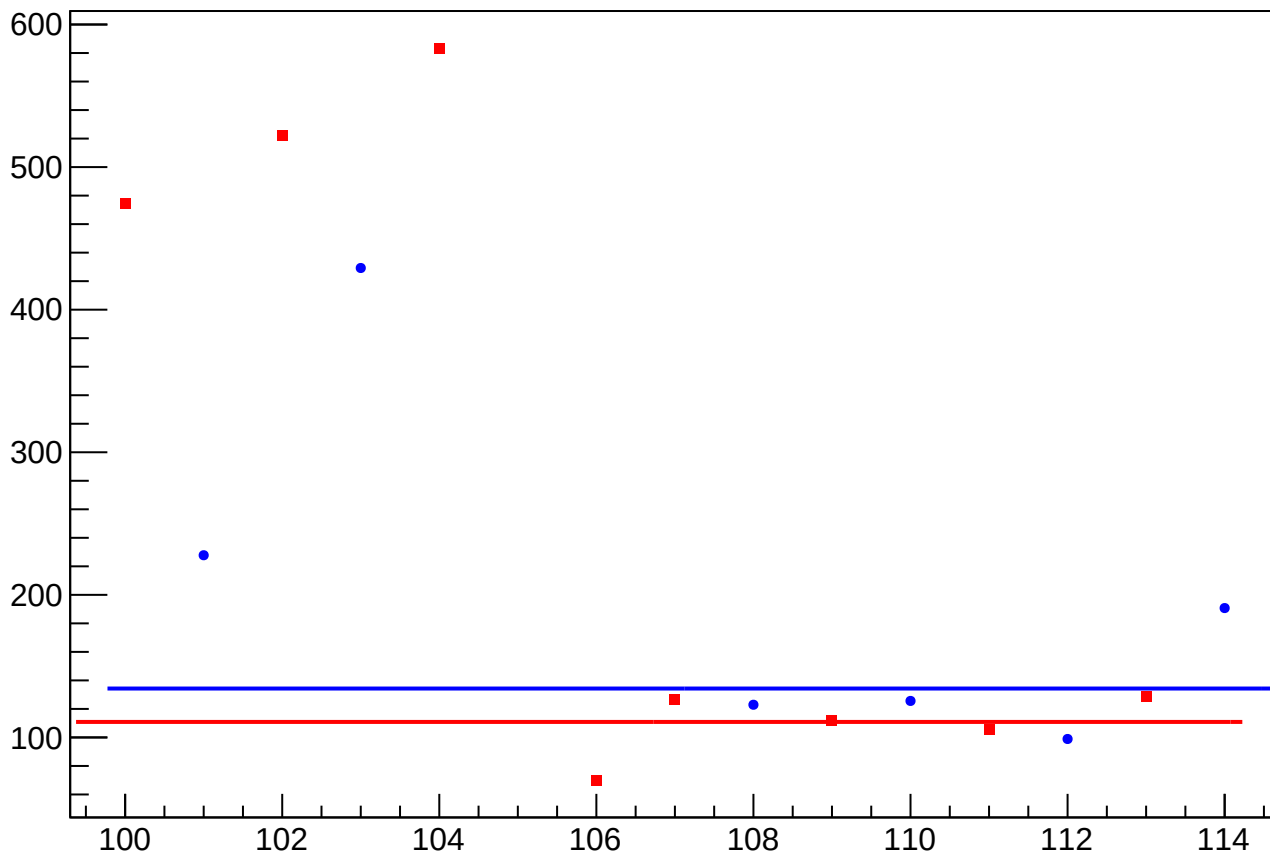
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.061 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 134.299+/-0.068 χ^2/NDF : 852273.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.879+/-0.056 χ^2/NDF : 1265609.9/7

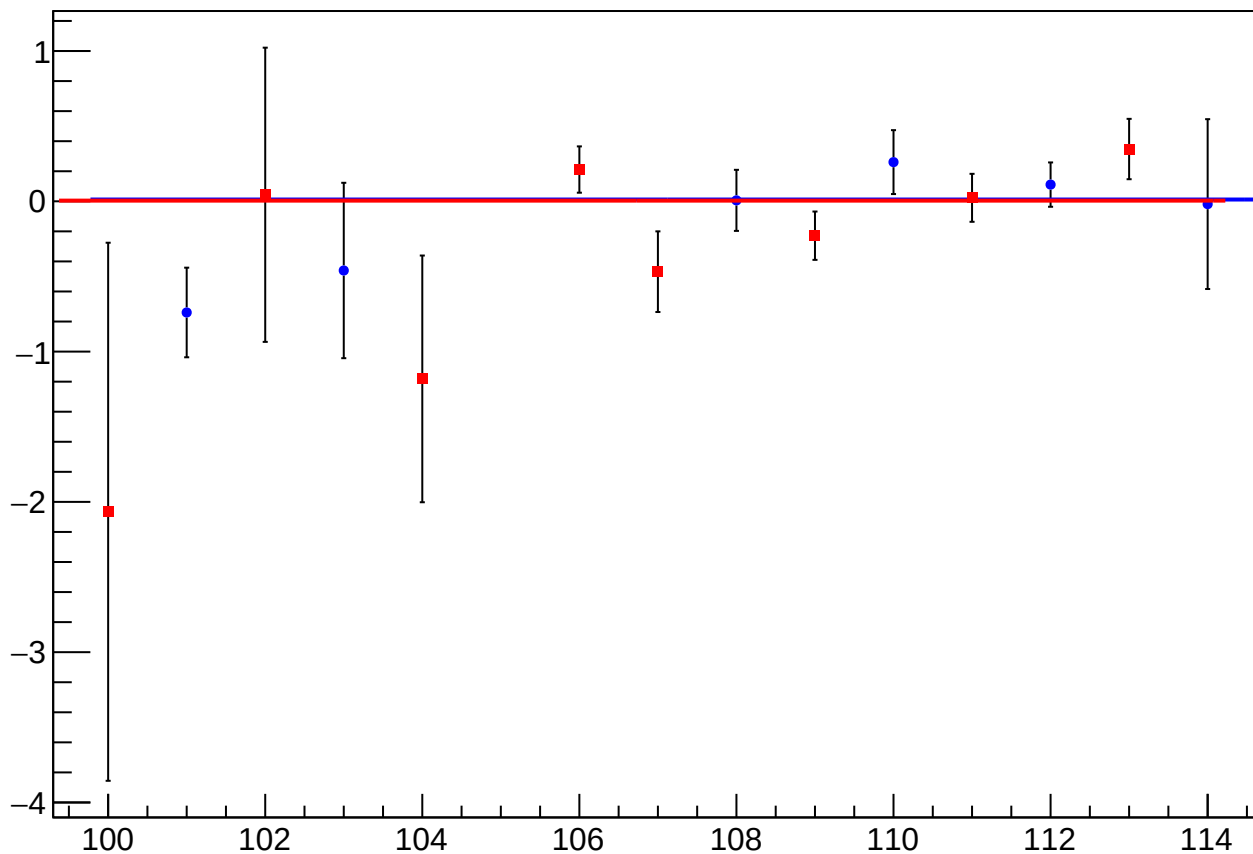
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.347+/-0.043 χ^2/NDF : 2189543.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.095 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7

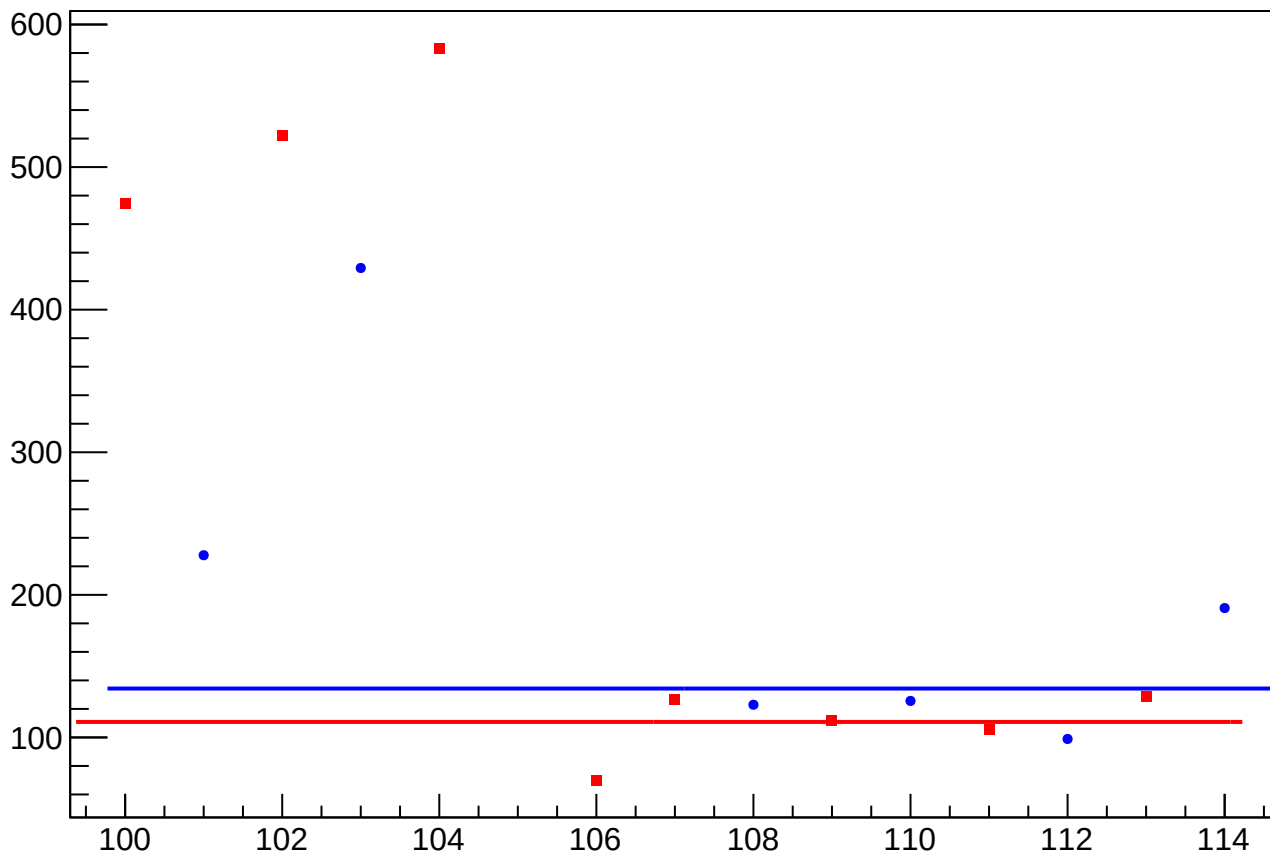
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.061 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 134.299+/-0.068 χ^2/NDF : 852273.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.879+/-0.056 χ^2/NDF : 1265609.9/7

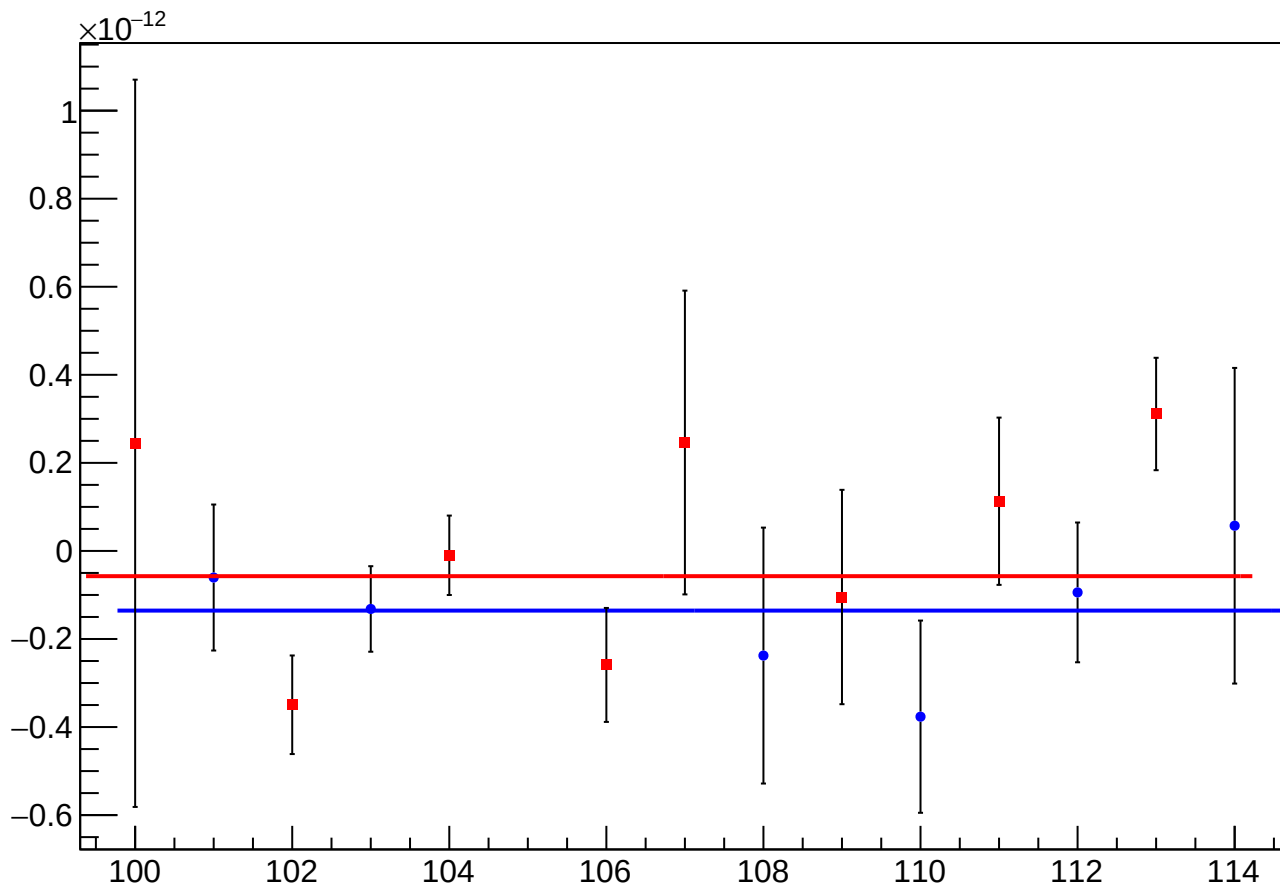
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.347+/-0.043 χ^2/NDF : 2189543.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 1.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.6/7

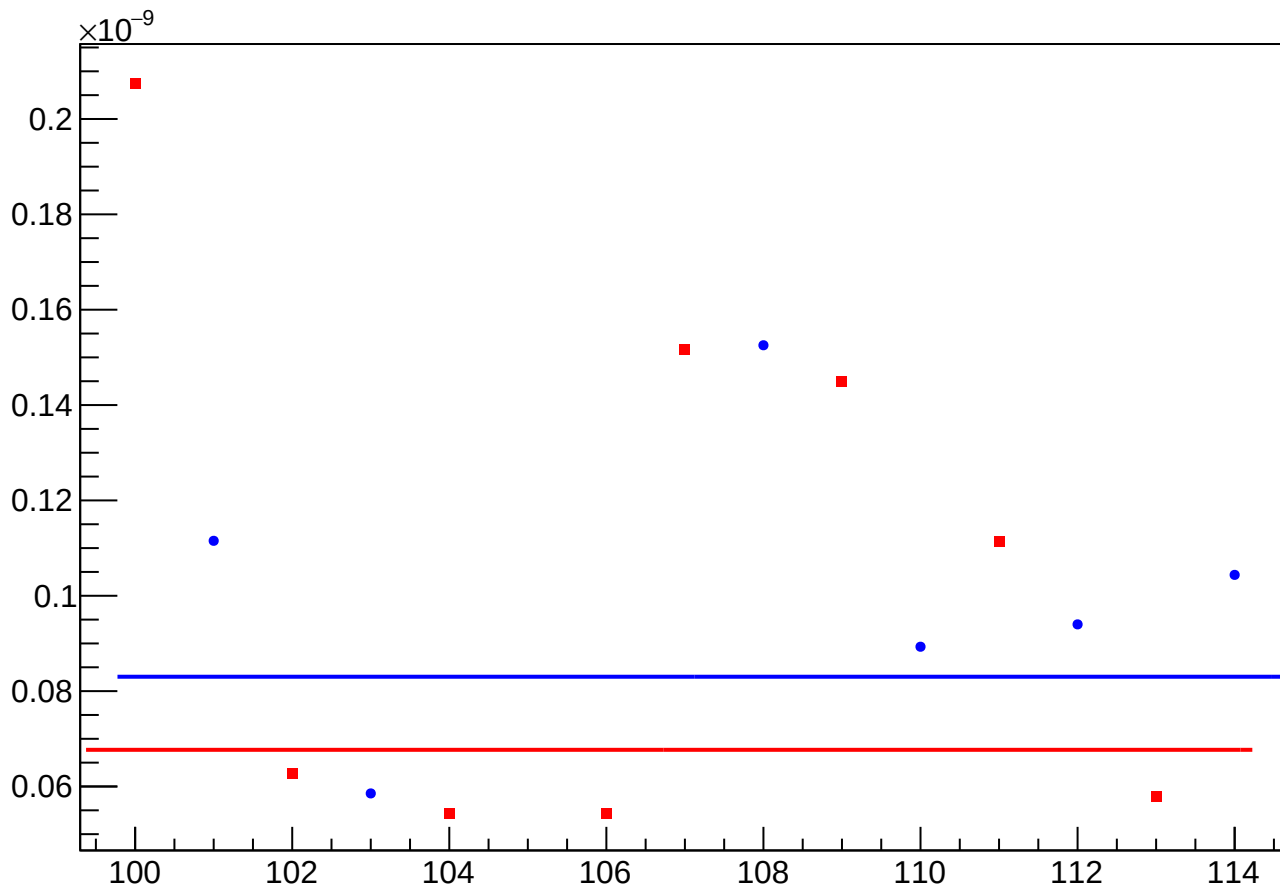
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 318907.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 563538.2/7

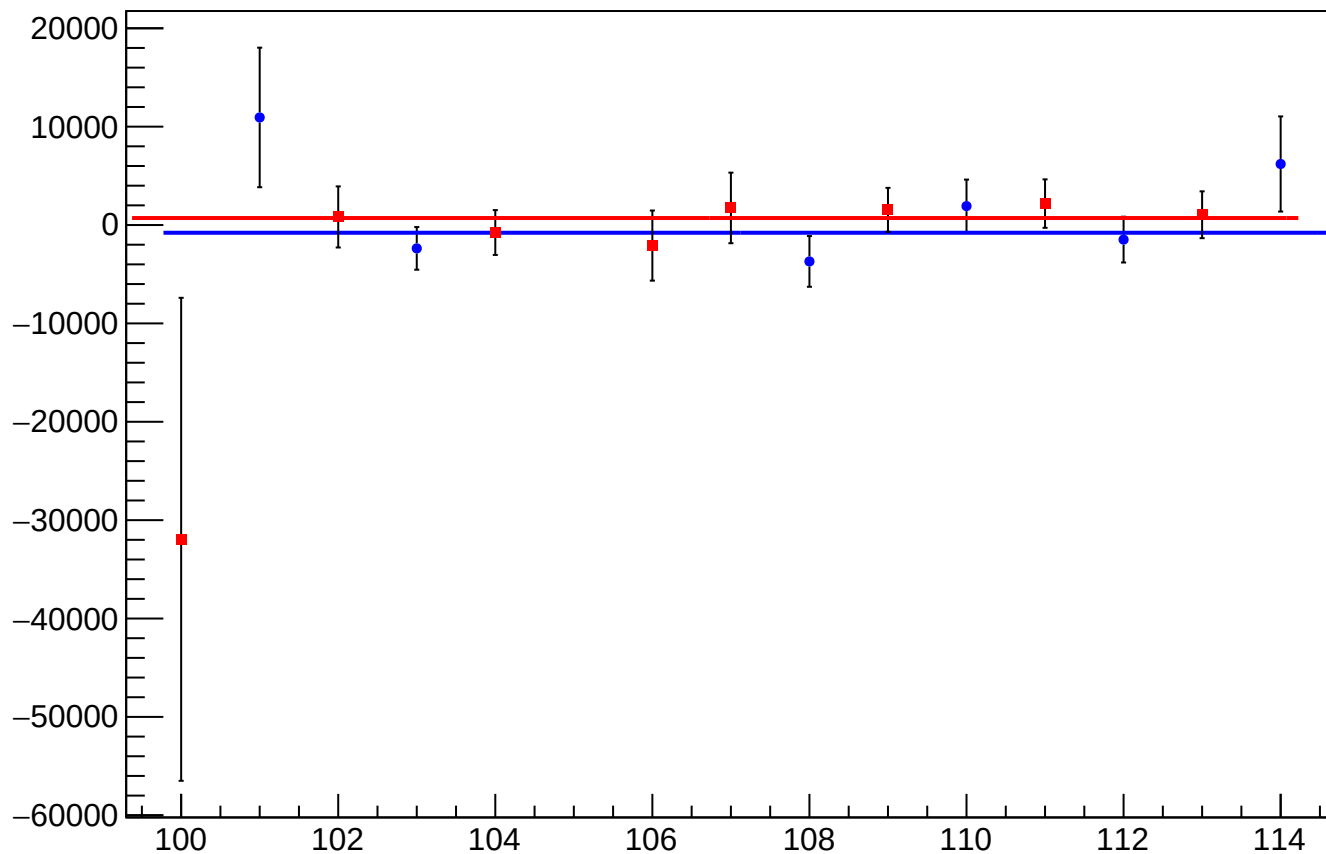
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 948323.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: -785.253+/-1155.901 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.746+/-1002.015 χ^2/NDF : 3.4/7

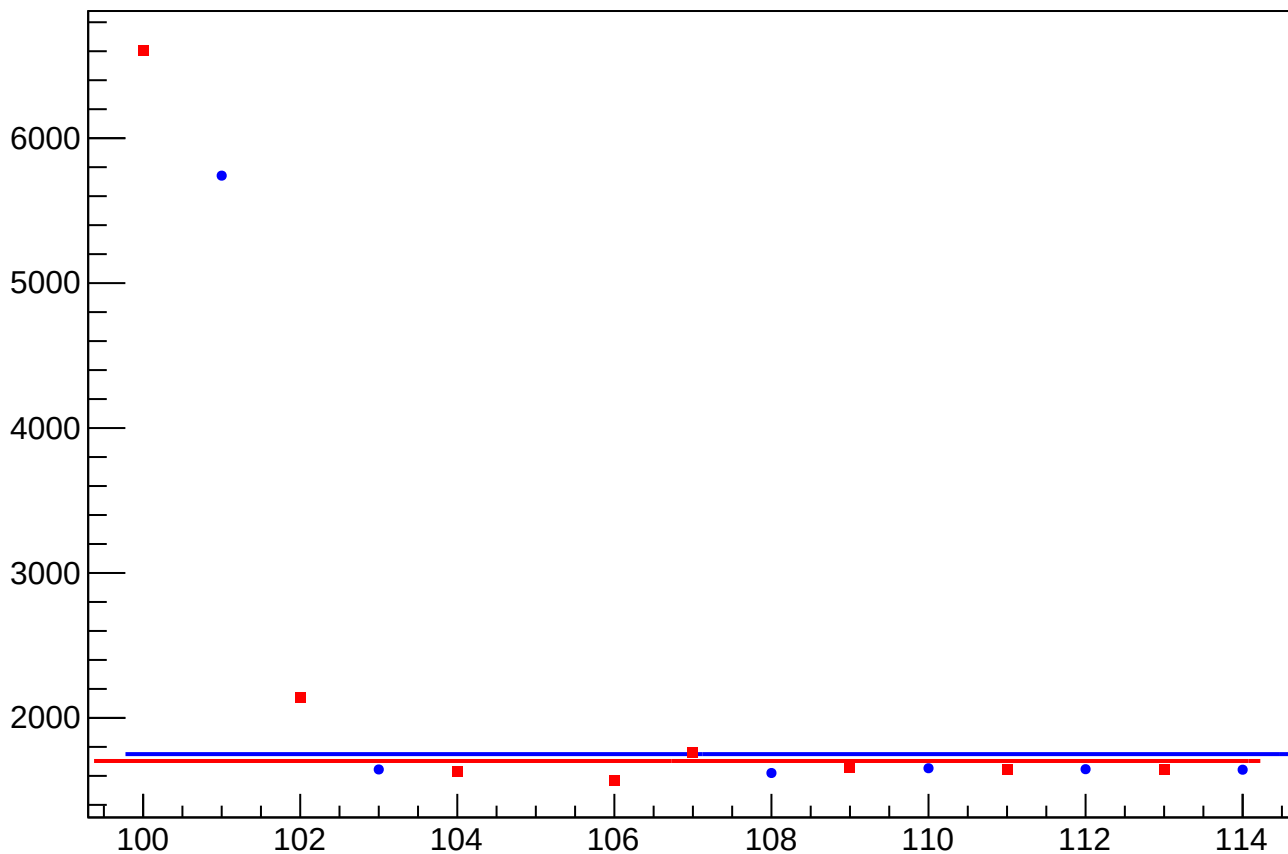
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.461+/-757.136 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1750.174+/-0.817 χ^2/NDF : 650818.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1702.790+/-0.697 χ^2/NDF : 129887.8/7

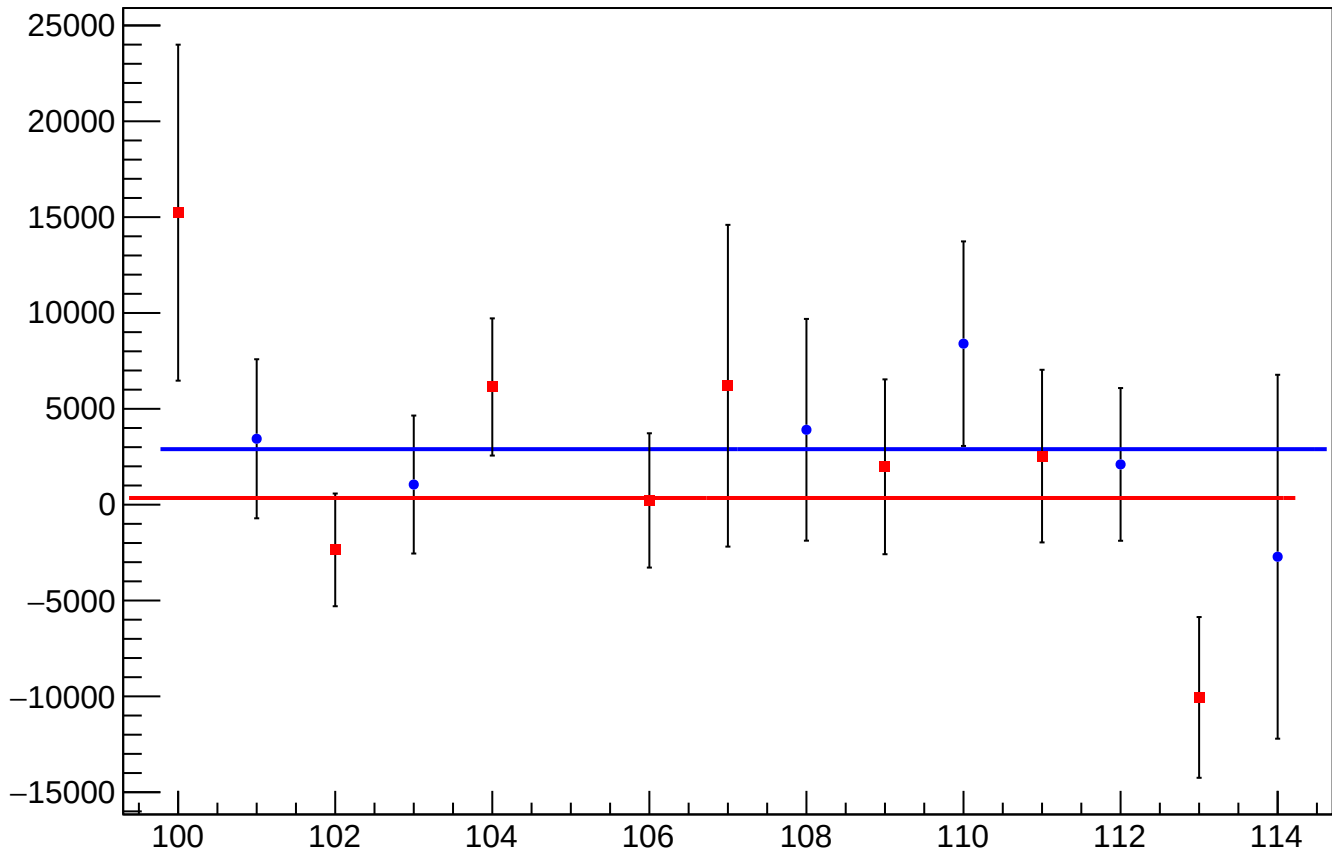
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.726+/-0.530 χ^2/NDF : 782652.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 2896.228 $\pm$ 1908.902 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 348.602 $\pm$ 1479.637 χ^2 /NDF: 13.4/7

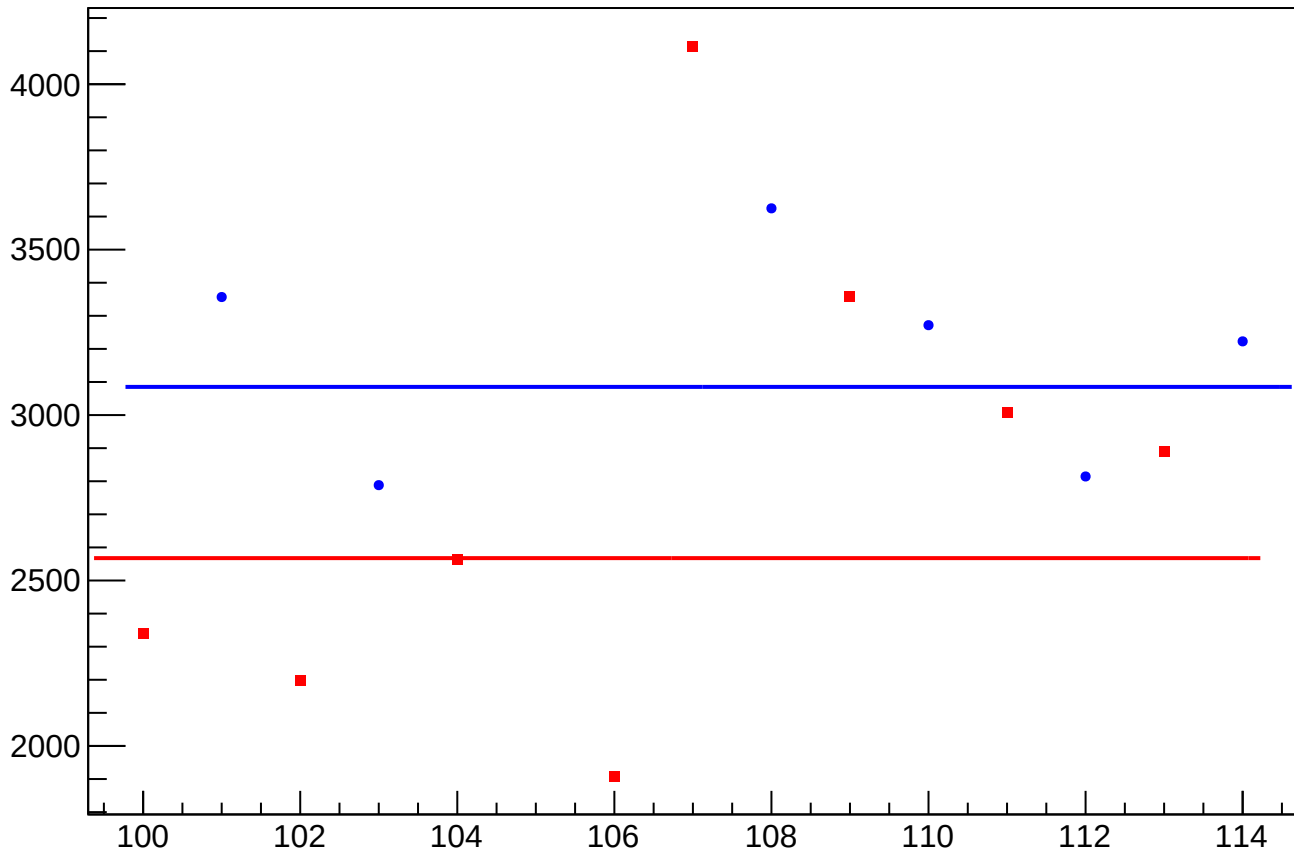
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1304.776 $\pm$ 1169.457 χ^2 /NDF: 16.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 3085.168+/-1.350 χ^2/NDF : 51695.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2567.653+/-1.046 χ^2/NDF : 263361.9/7

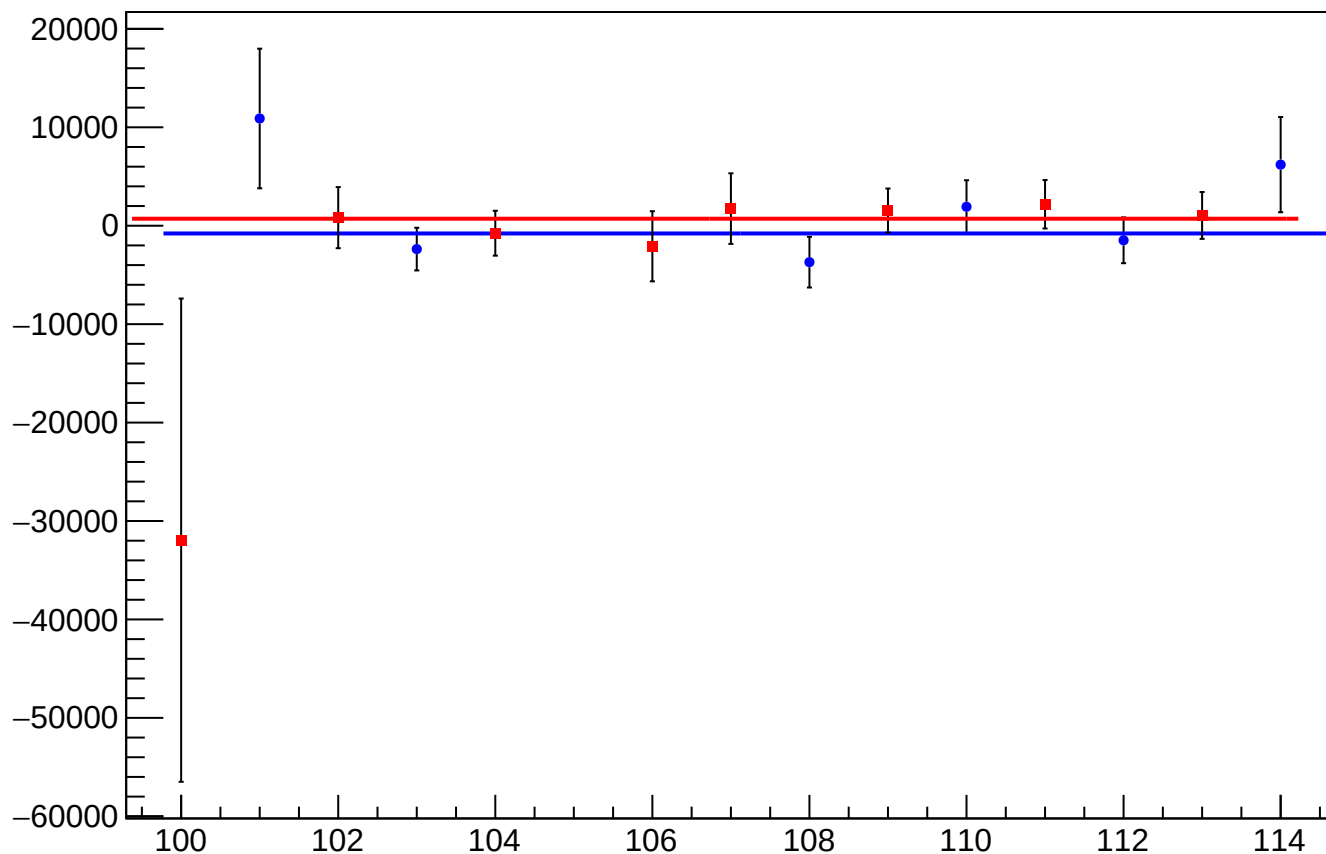
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2761.886+/-0.827 χ^2/NDF : 406882.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: -786.379+/-1155.902 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.582+/-1002.015 χ^2/NDF : 3.4/7

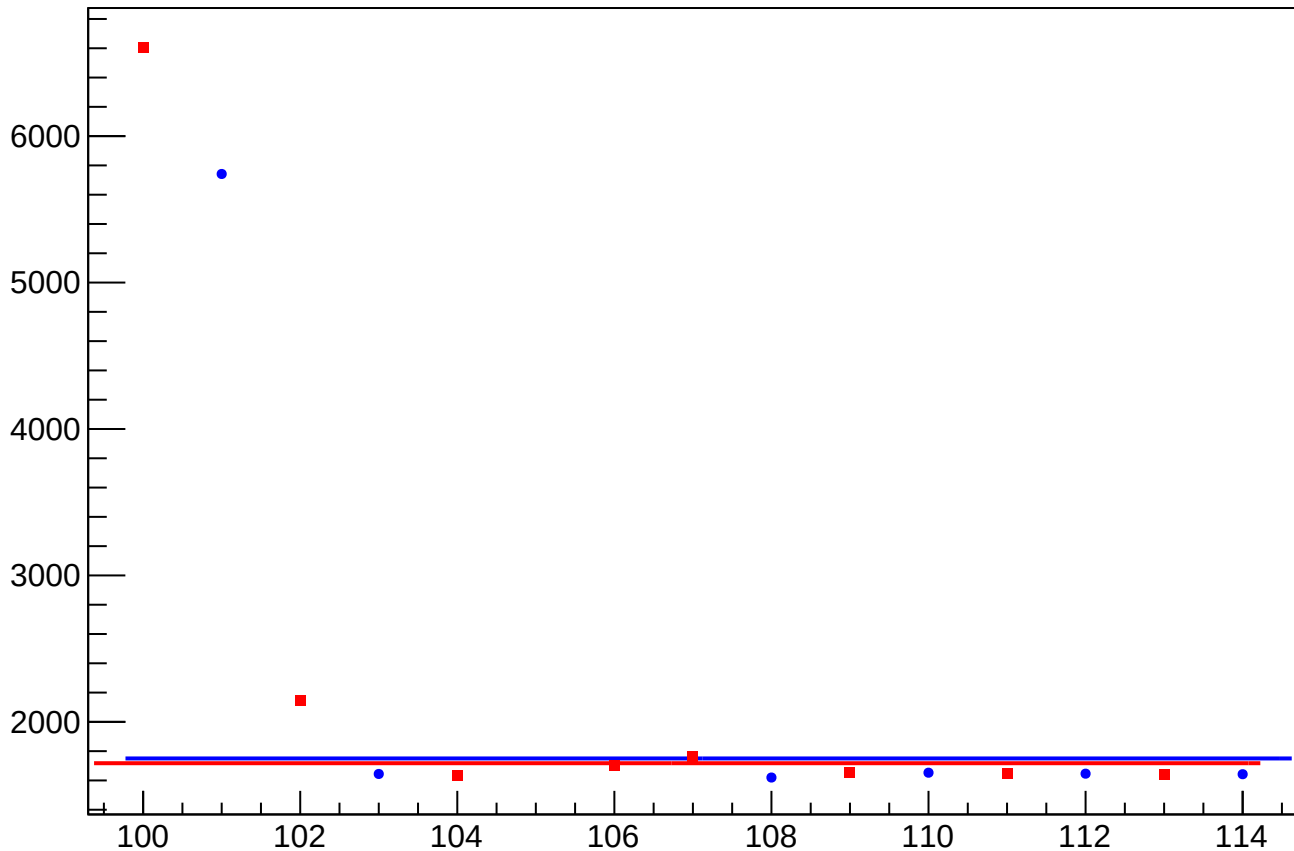
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.884+/-757.136 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1750.173+/-0.817 χ^2/NDF : 650818.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.691+/-0.702 χ^2/NDF : 125333.8/7

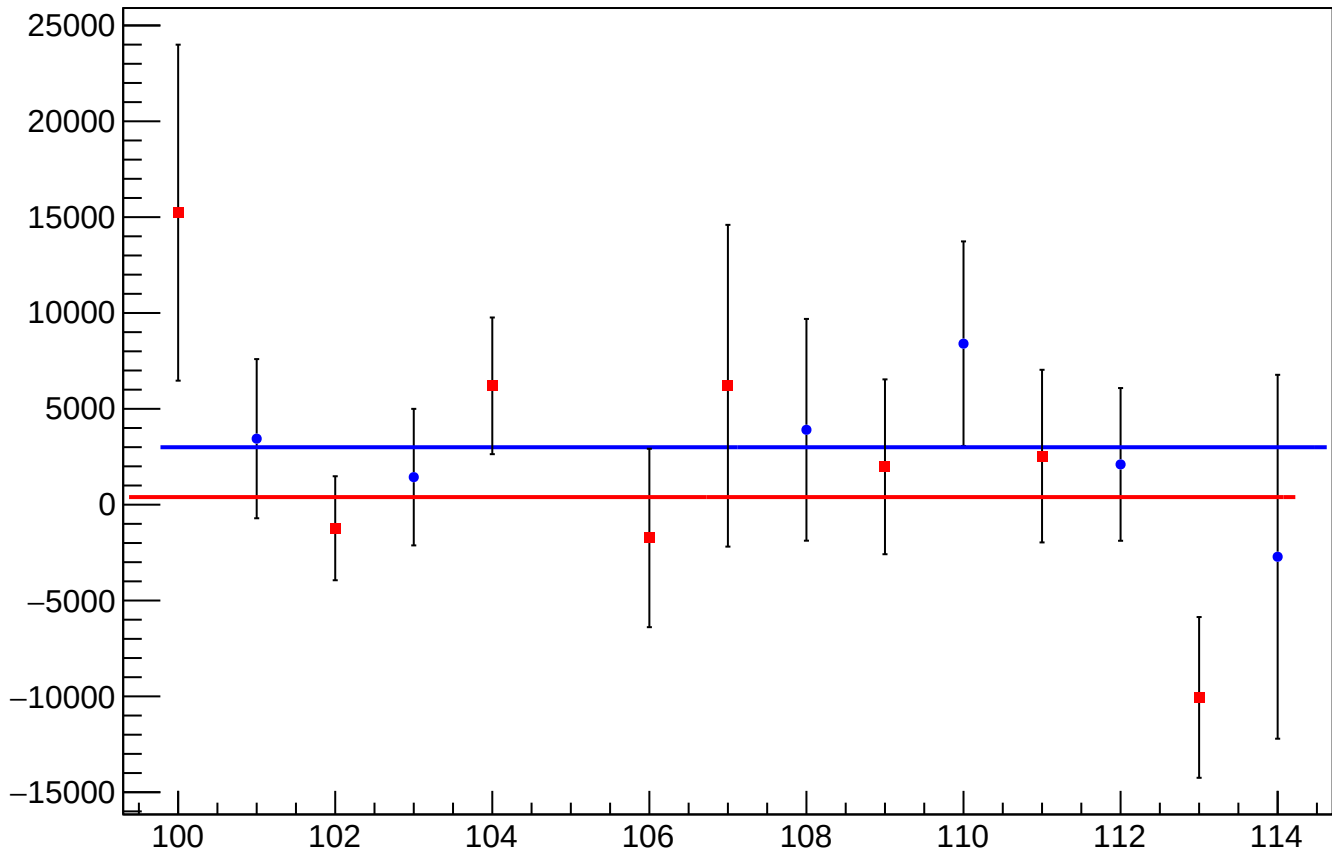
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.489+/-0.533 χ^2/NDF : 777060.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 2996.684 $\pm$ 1903.521 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 396.068 $\pm$ 1503.771 χ^2 /NDF: 13.1/7

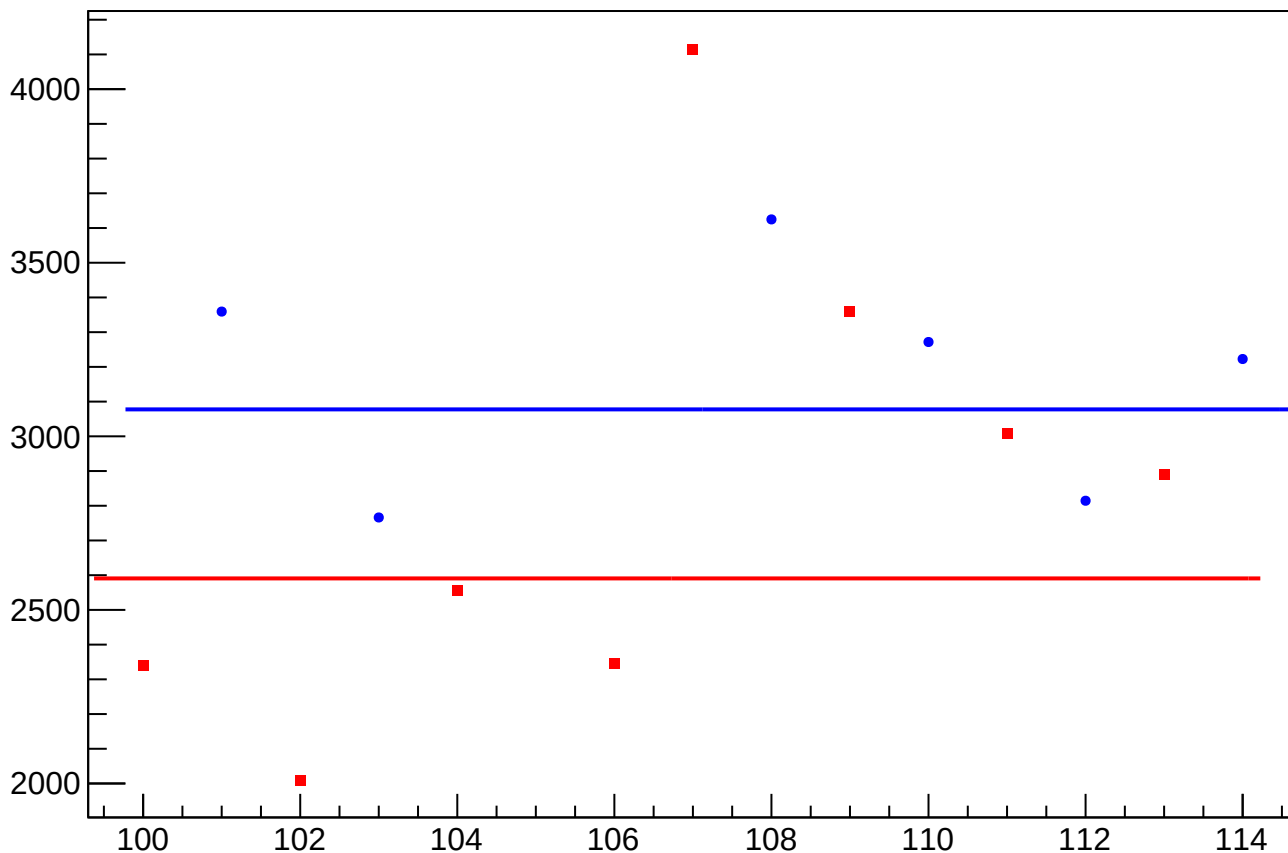
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1395.408 $\pm$ 1179.985 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 3077.583+/-1.346 χ^2/NDF : 54237.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.691+/-1.063 χ^2/NDF : 248995.3/7

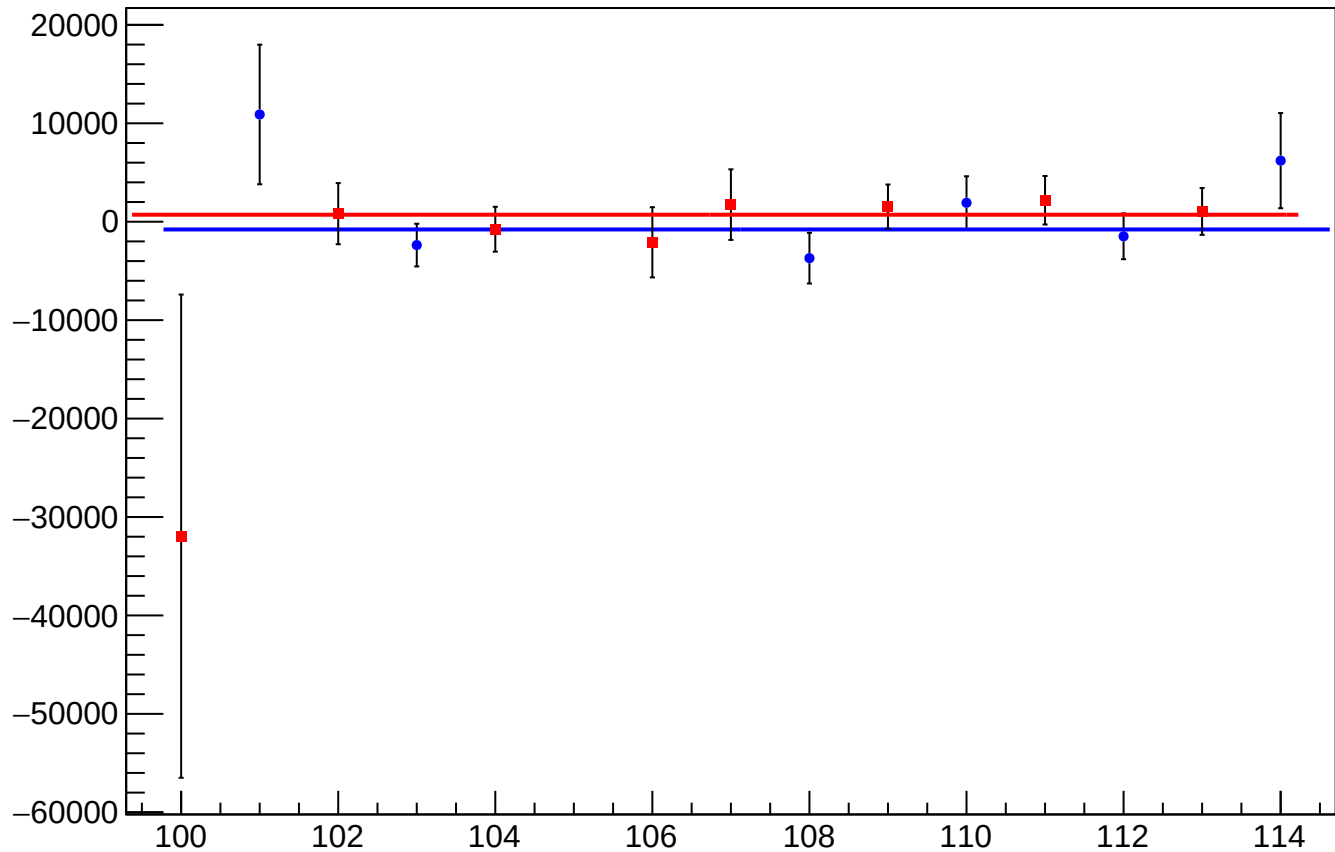
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2777.789+/-0.834 χ^2/NDF : 383802.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: -786.379+/-1155.902 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.582+/-1002.015 χ^2/NDF : 3.4/7

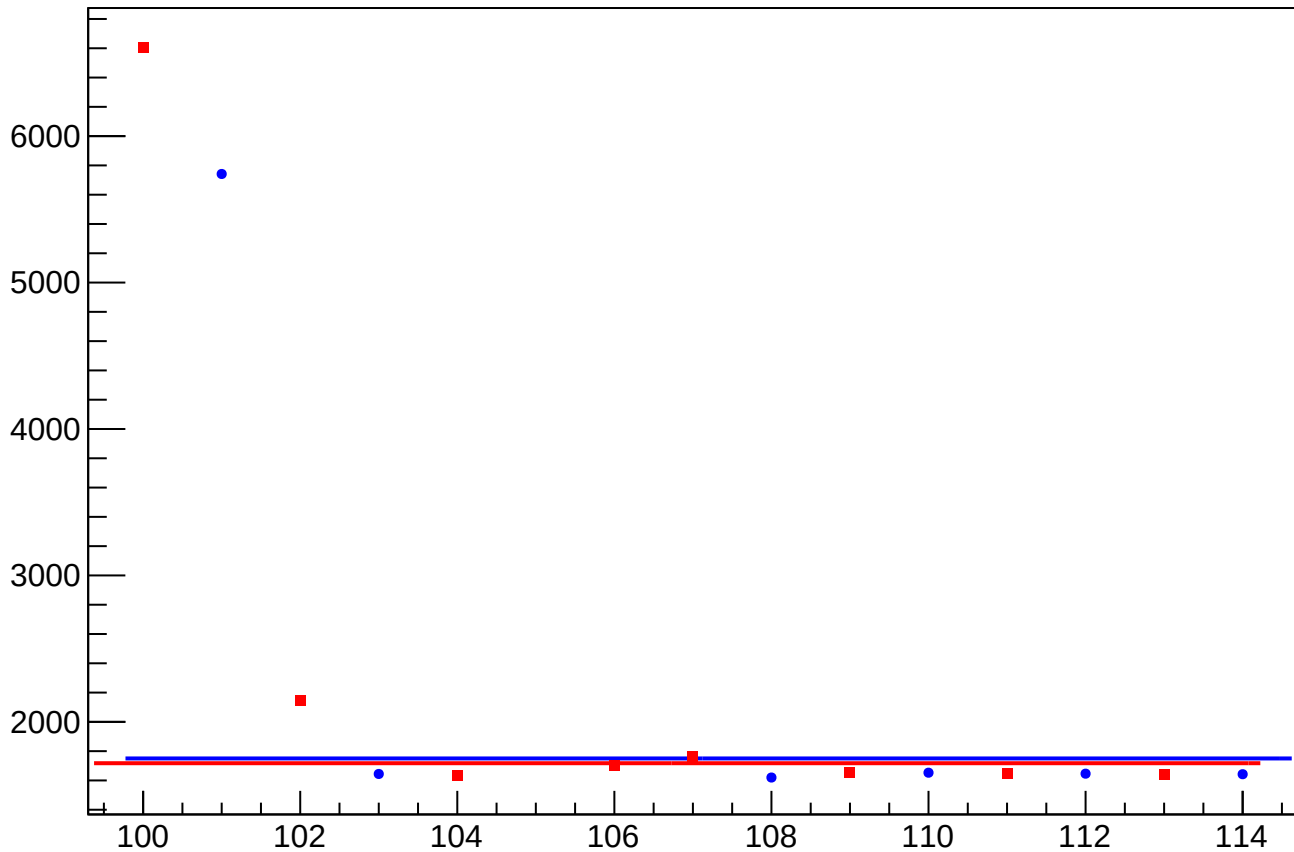
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.884+/-757.136 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1750.173+/-0.817 χ^2/NDF : 650818.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.691+/-0.702 χ^2/NDF : 125333.8/7

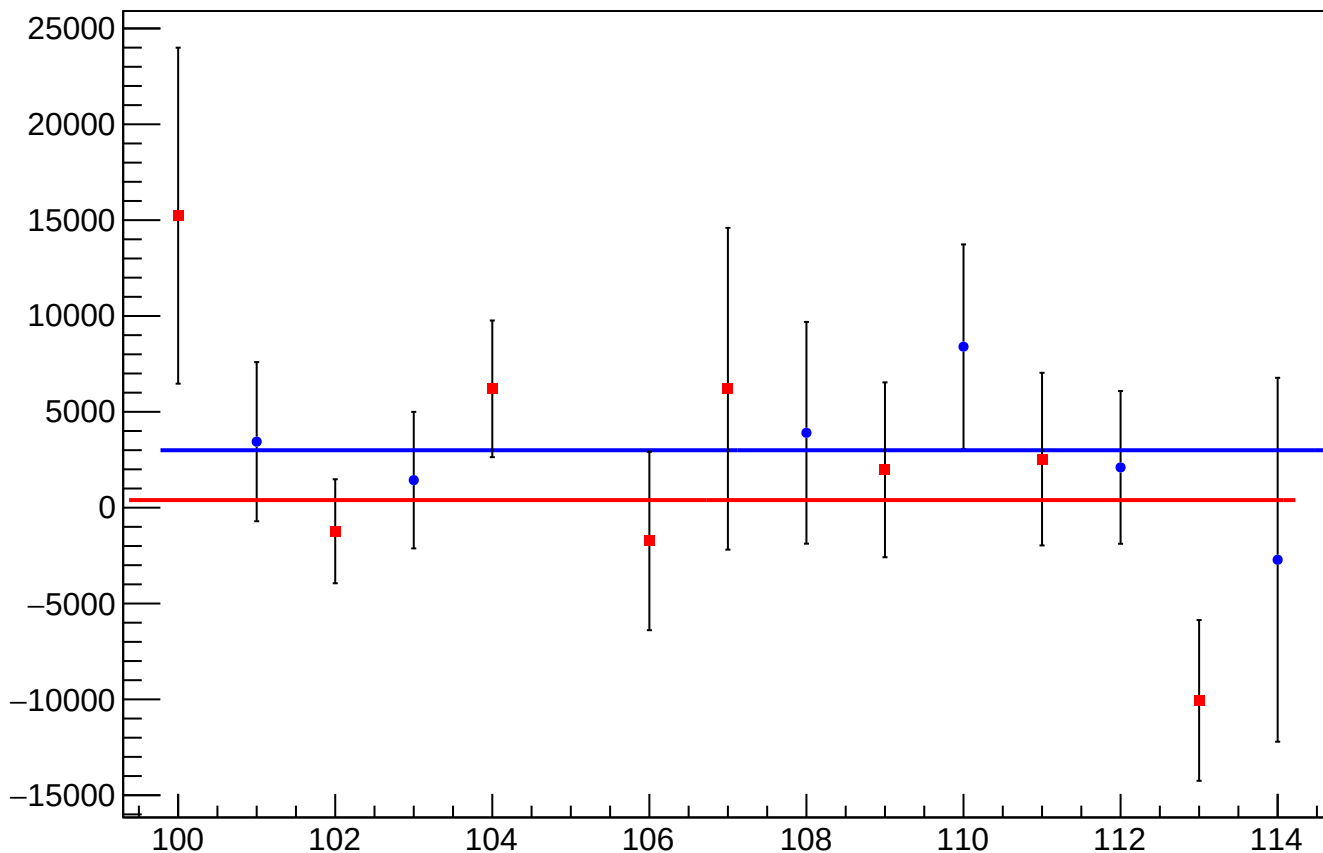
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.489+/-0.533 χ^2/NDF : 777060.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: 2996.684 $\pm$ 1903.521 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 396.068 $\pm$ 1503.771 χ^2 /NDF: 13.1/7

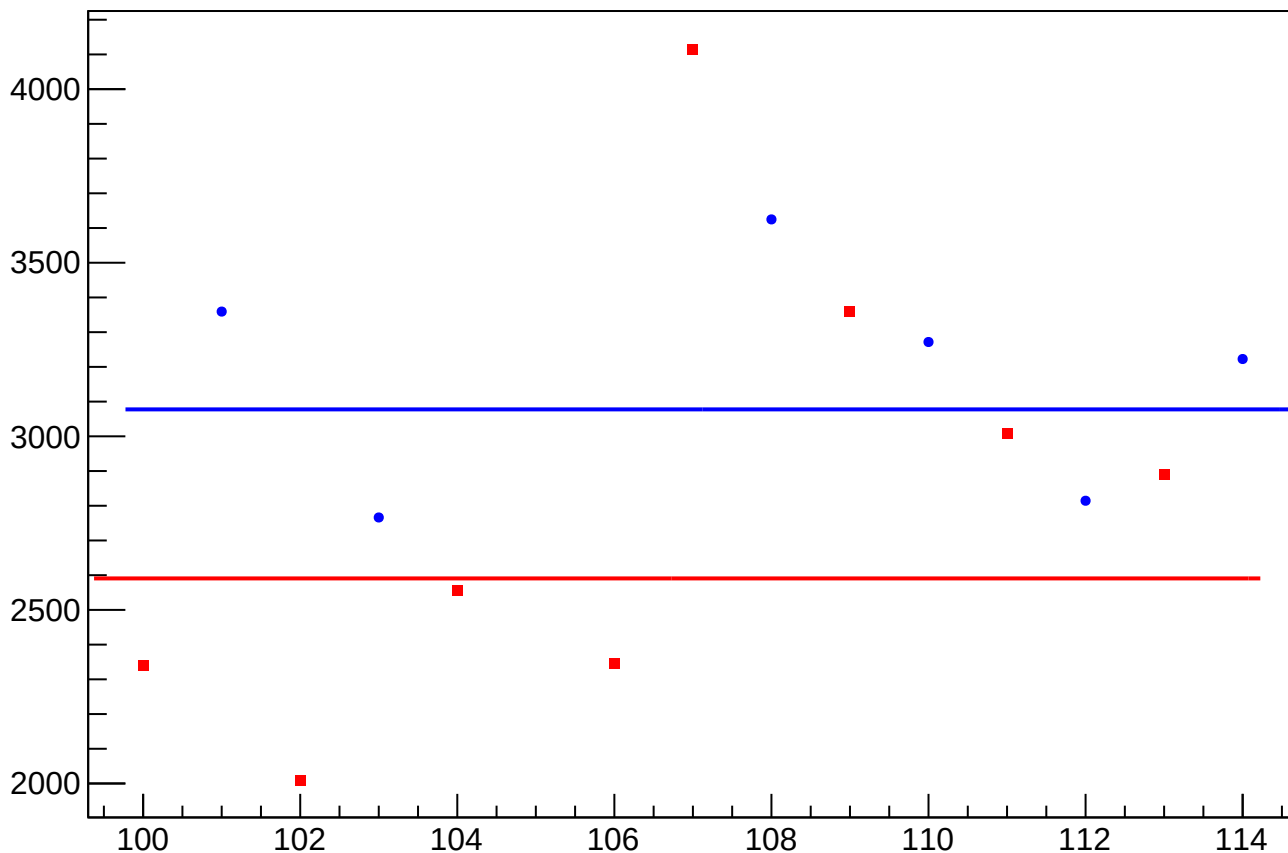
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1395.408 $\pm$ 1179.985 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 3077.583+/-1.346 χ^2/NDF : 54237.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.691+/-1.063 χ^2/NDF : 248995.3/7

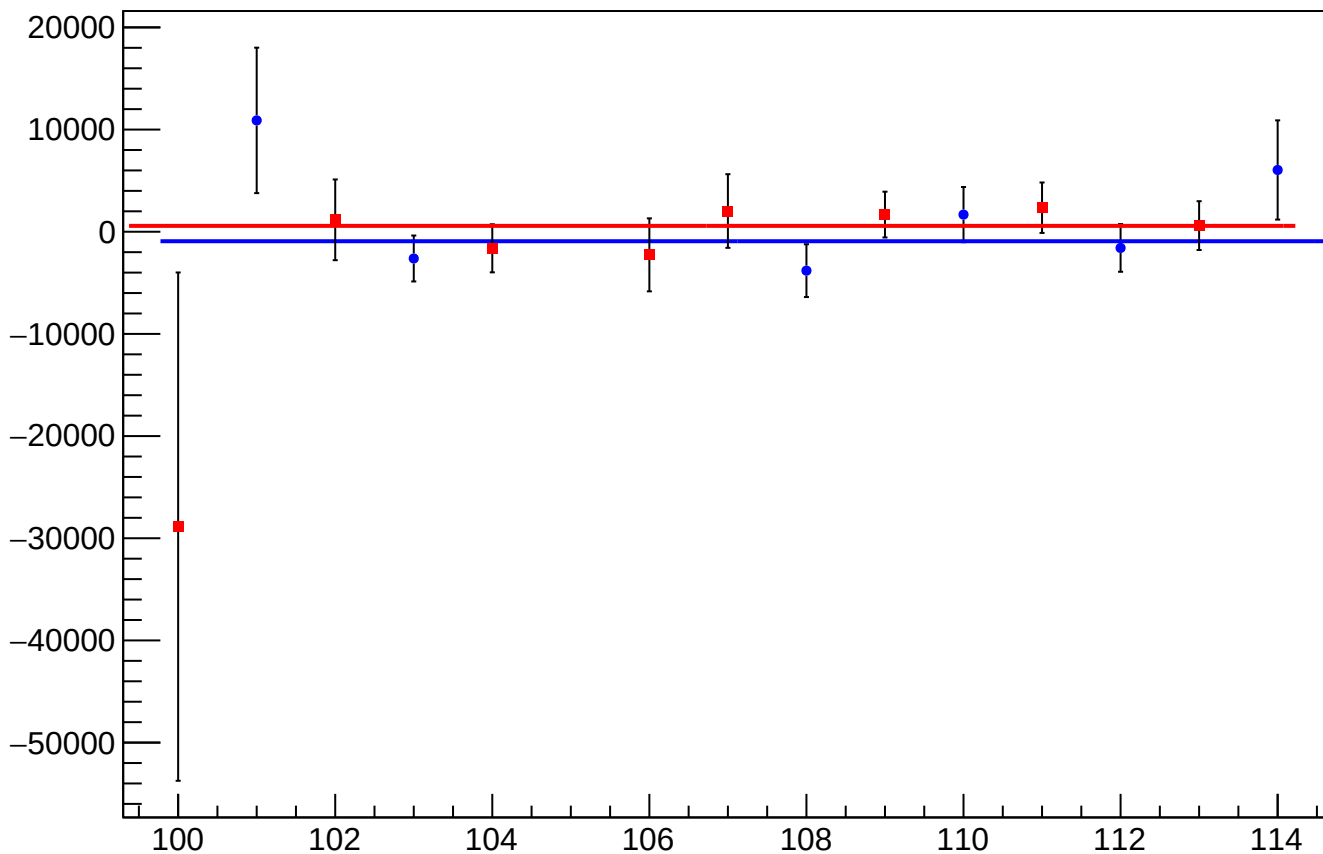
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2777.789+/-0.834 χ^2/NDF : 383802.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



Right In: -927.737 $\pm$ 1169.899 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 574.541 $\pm$ 1031.299 χ^2 /NDF: 3.8/7

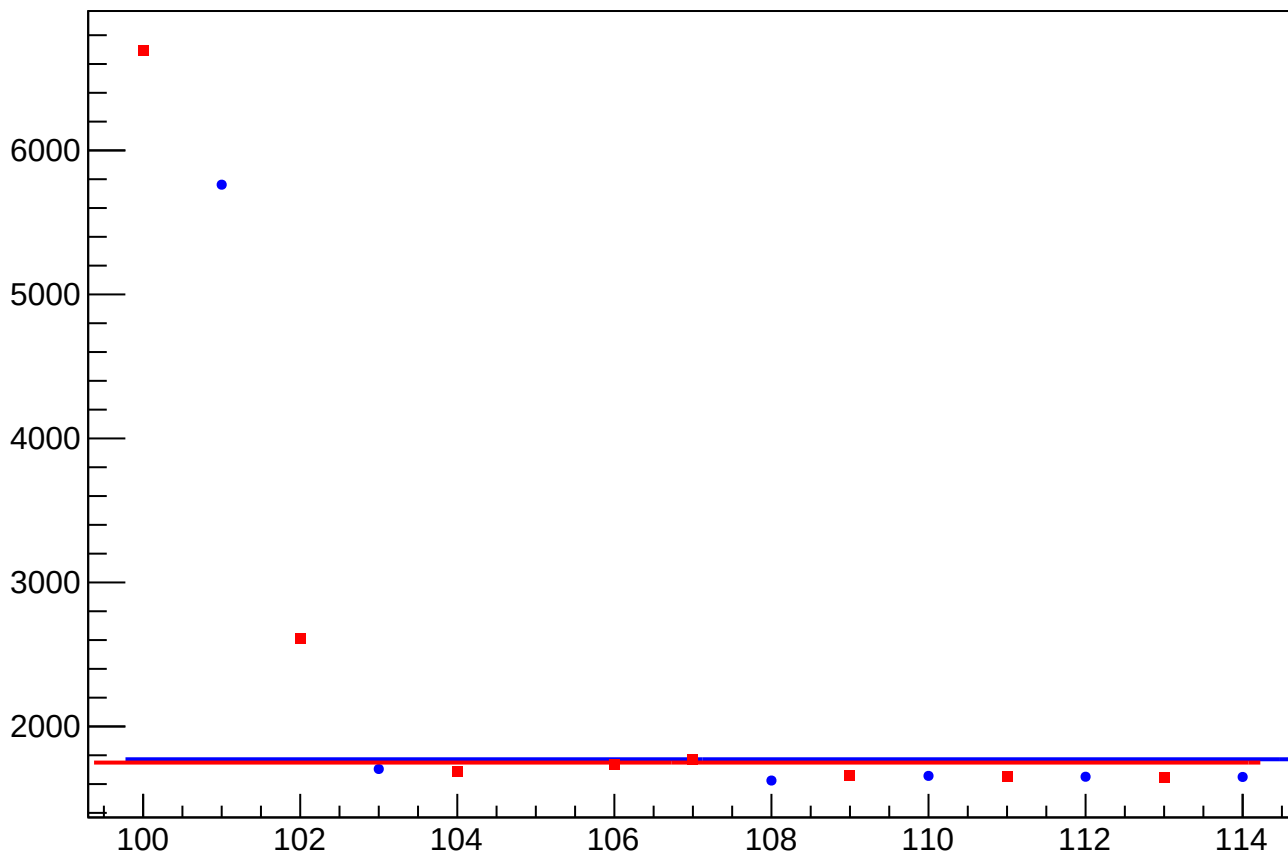
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -82.379 $\pm$ 773.624 χ^2 /NDF: 12.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1772.198 $\pm$ 0.827 χ^2 /NDF: 646951.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1749.263 $\pm$ 0.724 χ^2 /NDF: 186430.2/7

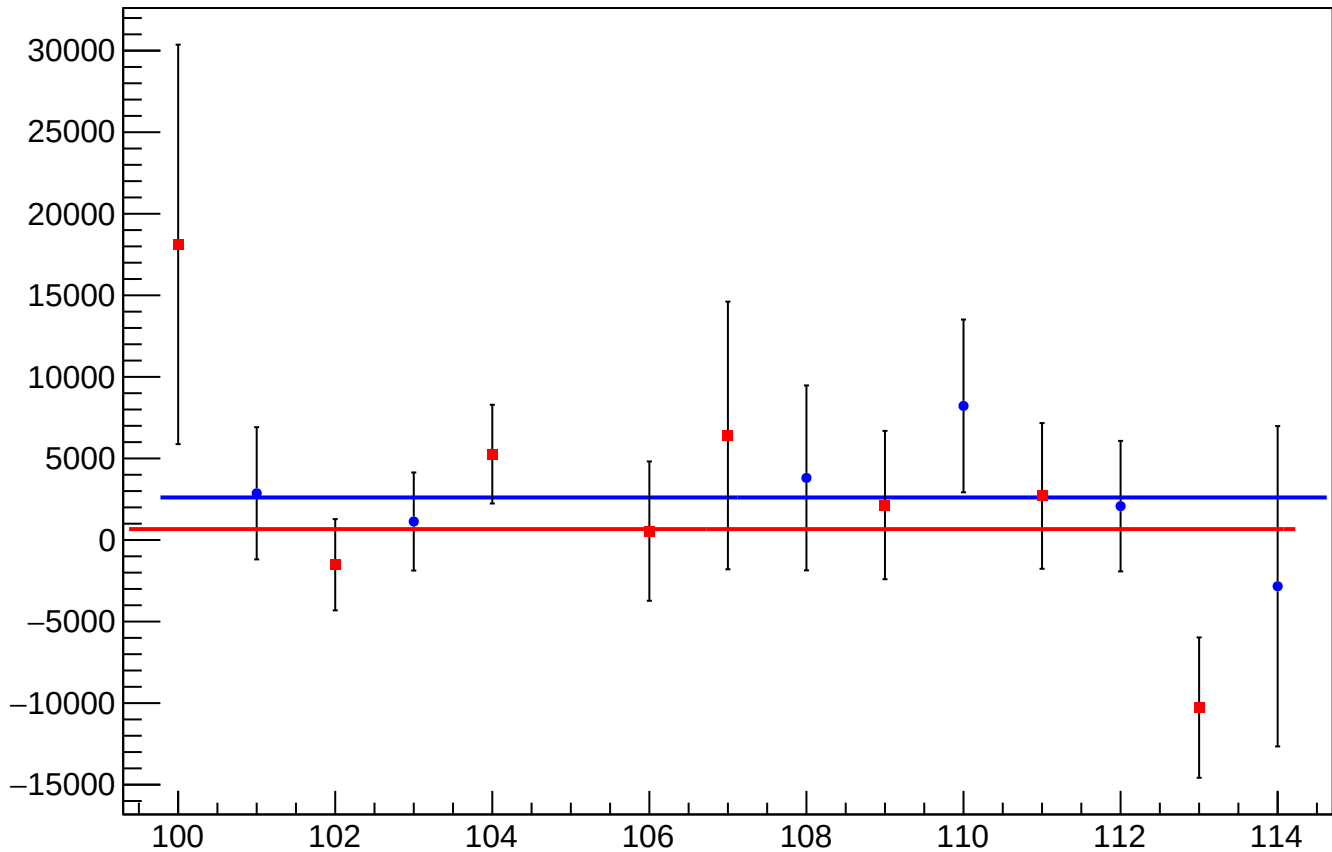
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1759.212 $\pm$ 0.545 χ^2 /NDF: 833816.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 2608.503 $\pm$ 1792.642 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 668.167 $\pm$ 1465.223 χ^2 /NDF: 12.2/7

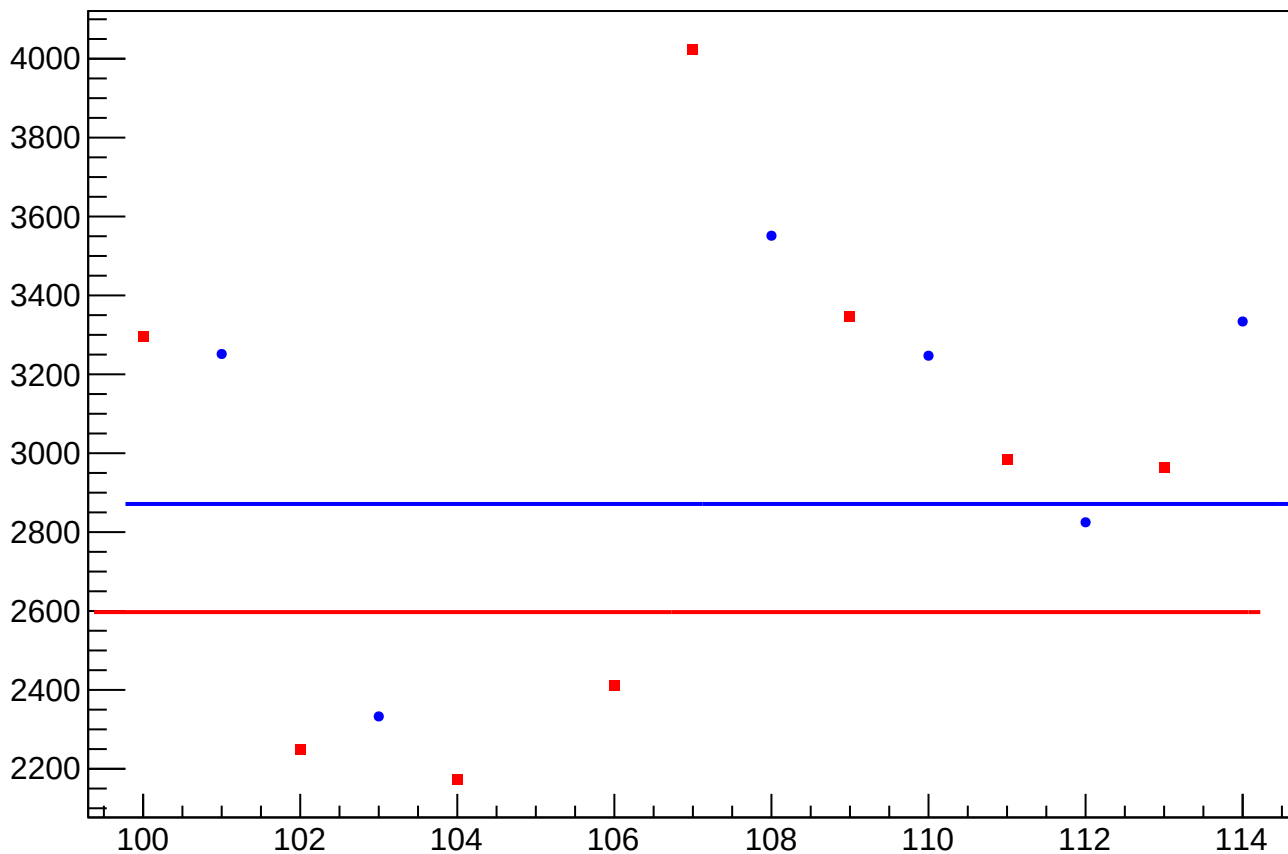
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1445.279 $\pm$ 1134.480 χ^2 /NDF: 14.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2871.379 ± 1.268 $\chi^2/\text{NDF}: 125338.8/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2597.270 ± 1.036 $\chi^2/\text{NDF}: 225192.2/7$

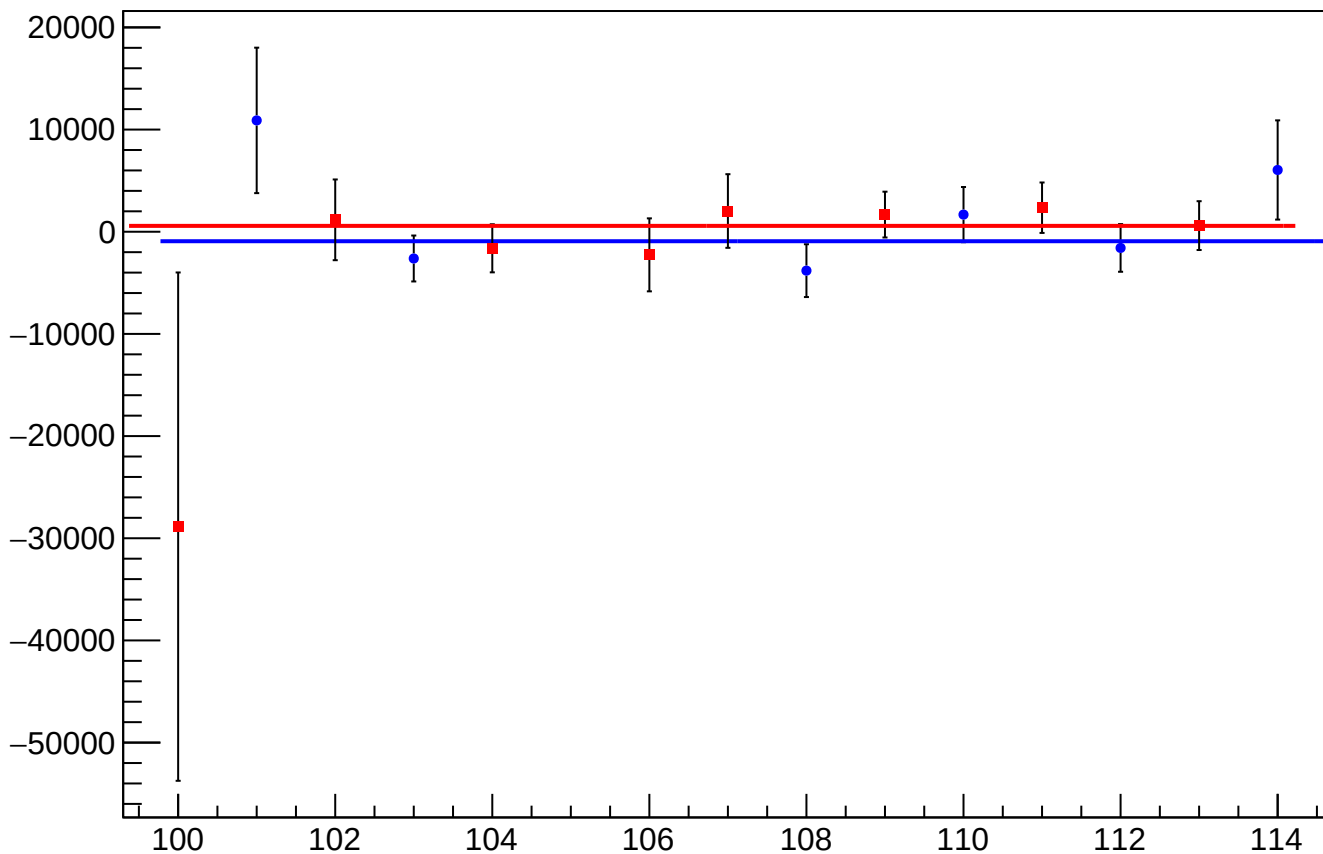
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2707.052 ± 0.802 $\chi^2/\text{NDF}: 378564.4/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: -927.745+/-1169.900 χ^2/NDF : 7.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.550+/-1031.299 χ^2/NDF : 3.8/7

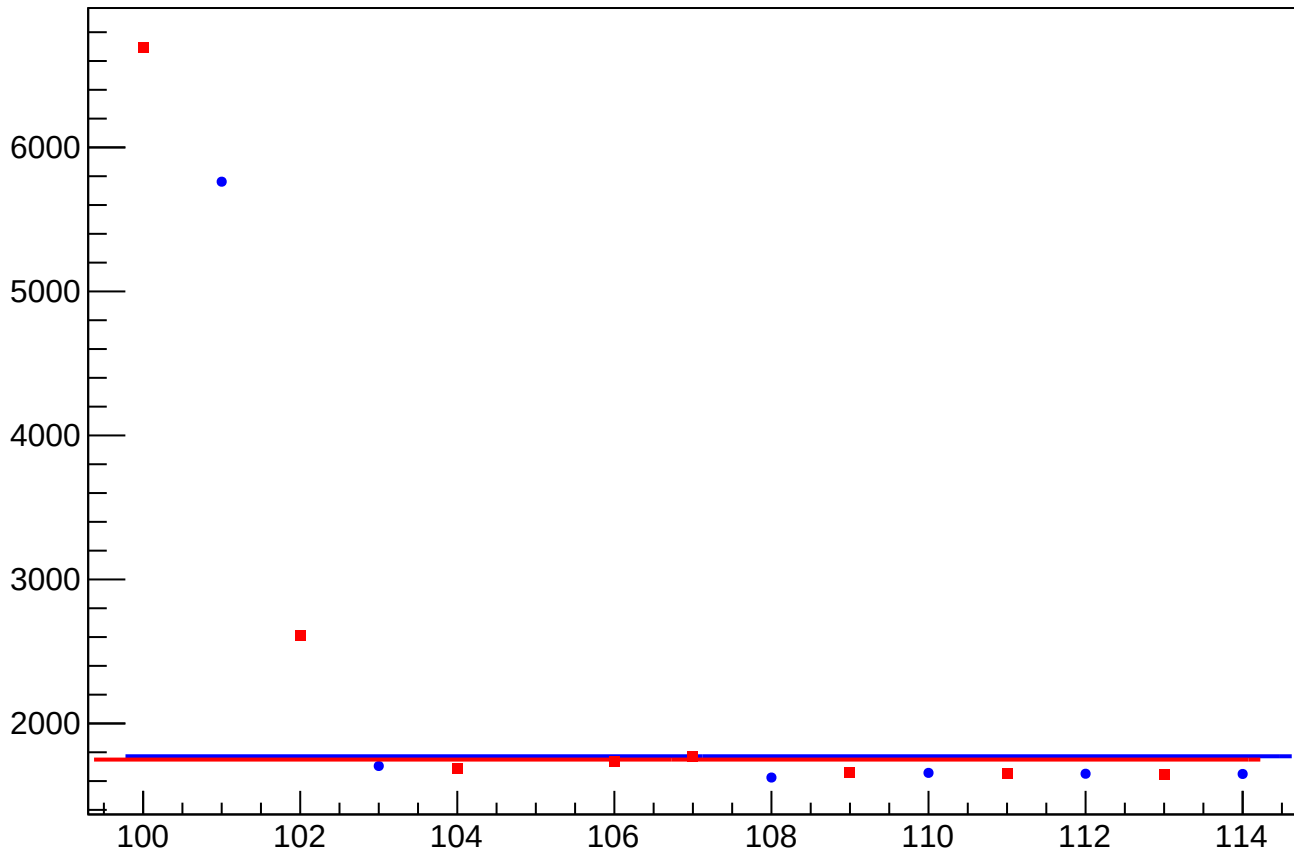
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.378+/-773.624 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1772.198+/-0.827 χ^2/NDF : 646951.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1749.263+/-0.724 χ^2/NDF : 186430.2/7

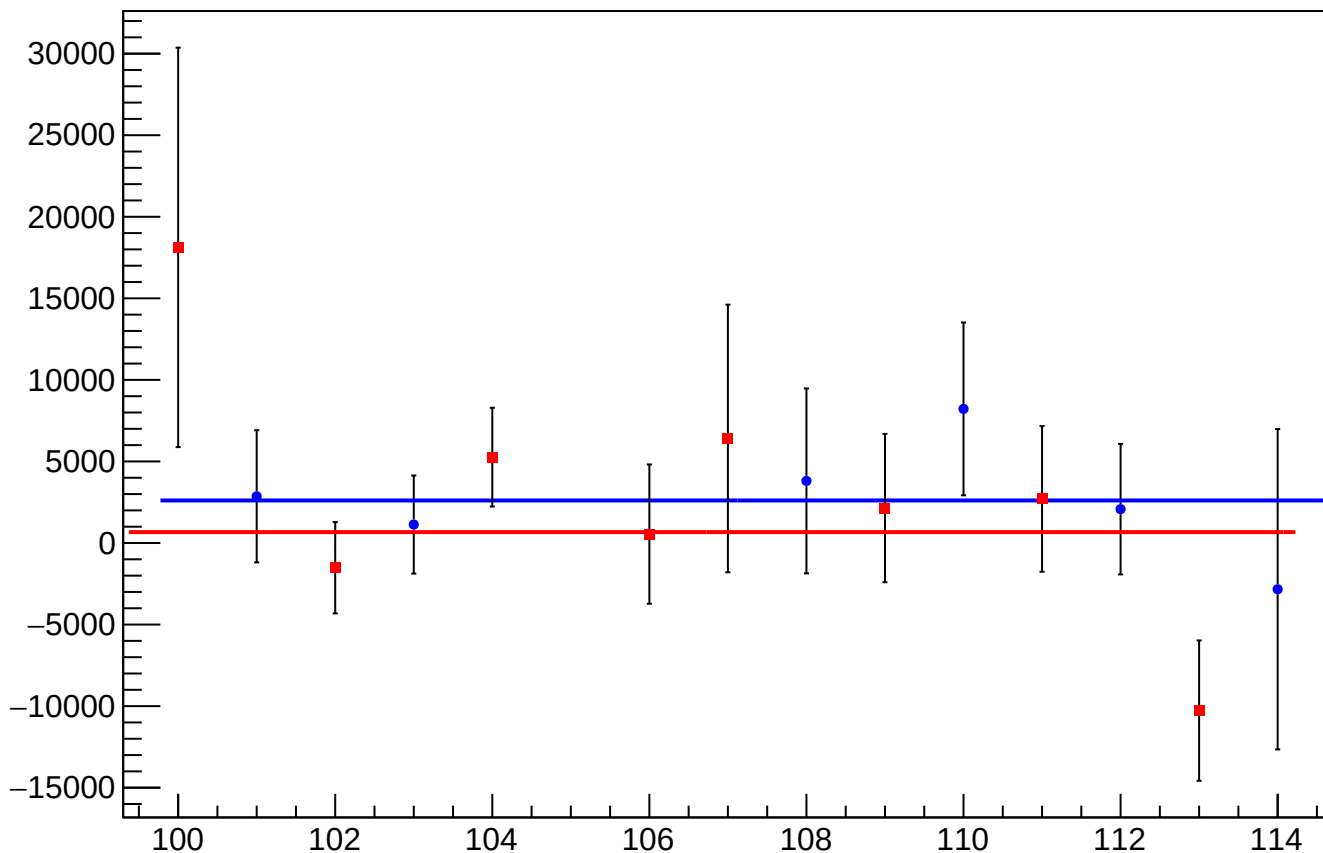
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.212+/-0.545 χ^2/NDF : 833816.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



Right In: 2608.502 $\pm$ 1792.640 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 668.168 $\pm$ 1465.222 χ^2 /NDF: 12.2/7

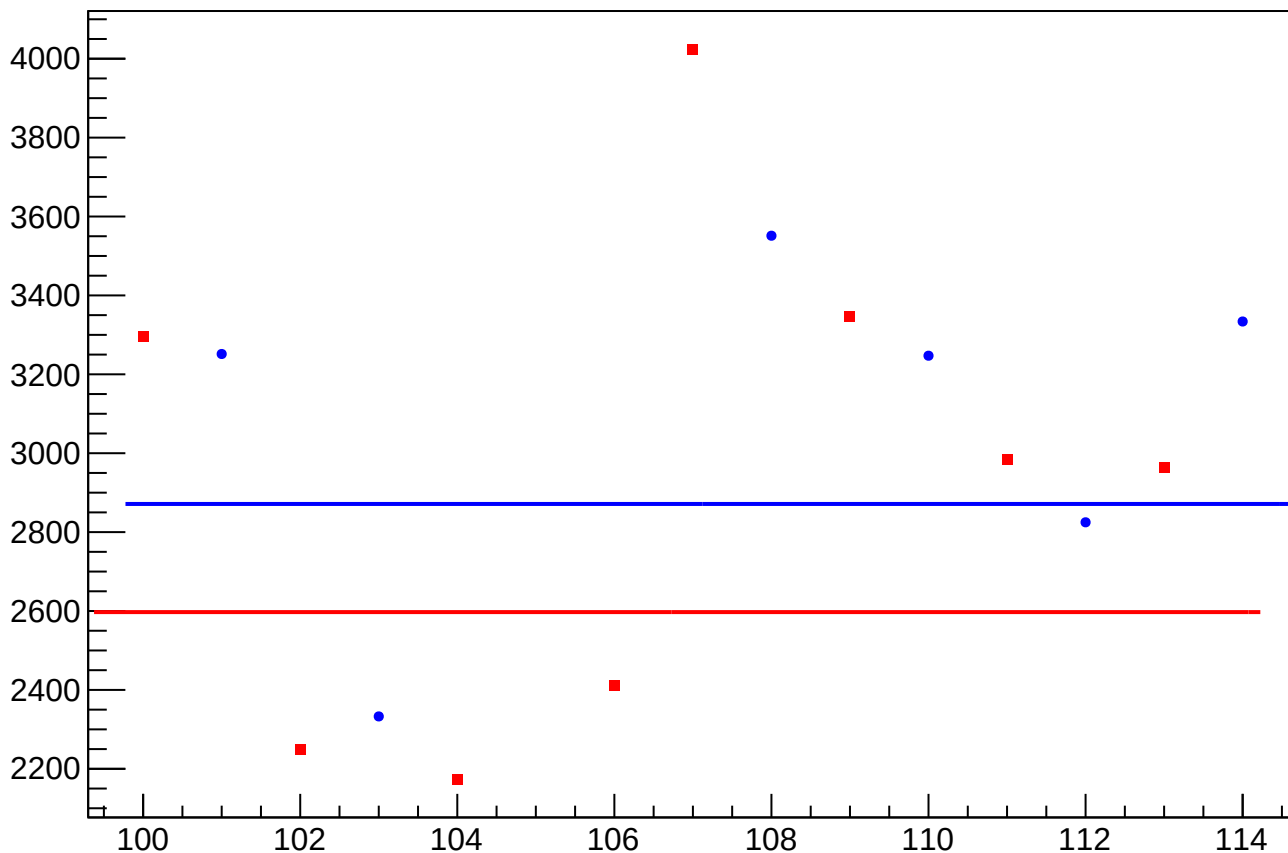
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1445.279 $\pm$ 1134.479 χ^2 /NDF: 14.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2871.376+/-1.268 χ^2/NDF : 125336.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

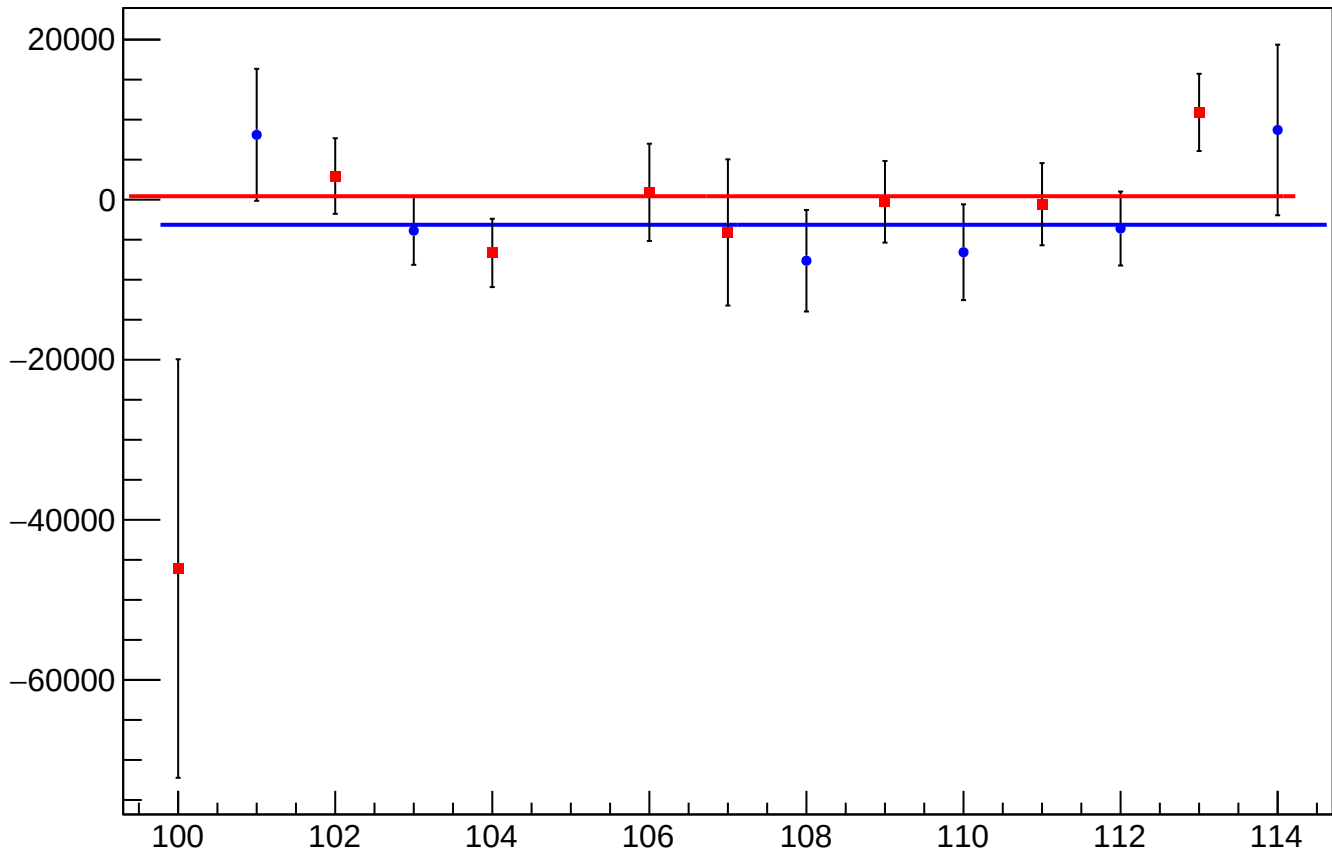
Right Out: 2597.269+/-1.036 χ^2/NDF : 225188.8/7

All: 2707.050+/-0.802 χ^2/NDF : 378558.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_mean vs Slug



Right In: -3135.510 ± 2369.982 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 430.508 ± 1962.312 χ^2/NDF : 11.2/7

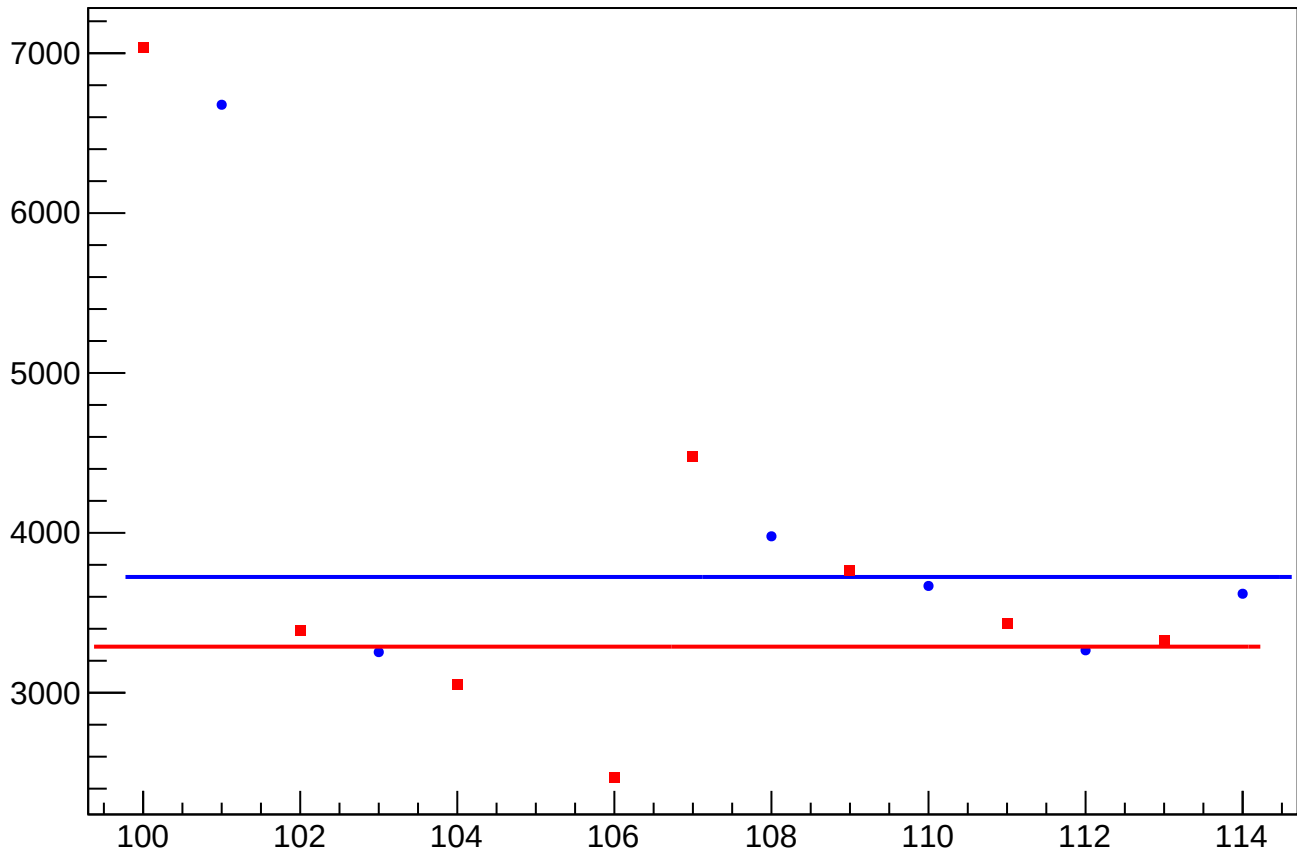
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1019.883 ± 1511.457 χ^2/NDF : 16.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3724.095+/-1.676 χ^2/NDF : 304193.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3288.196+/-1.343 χ^2/NDF : 160707.2/7

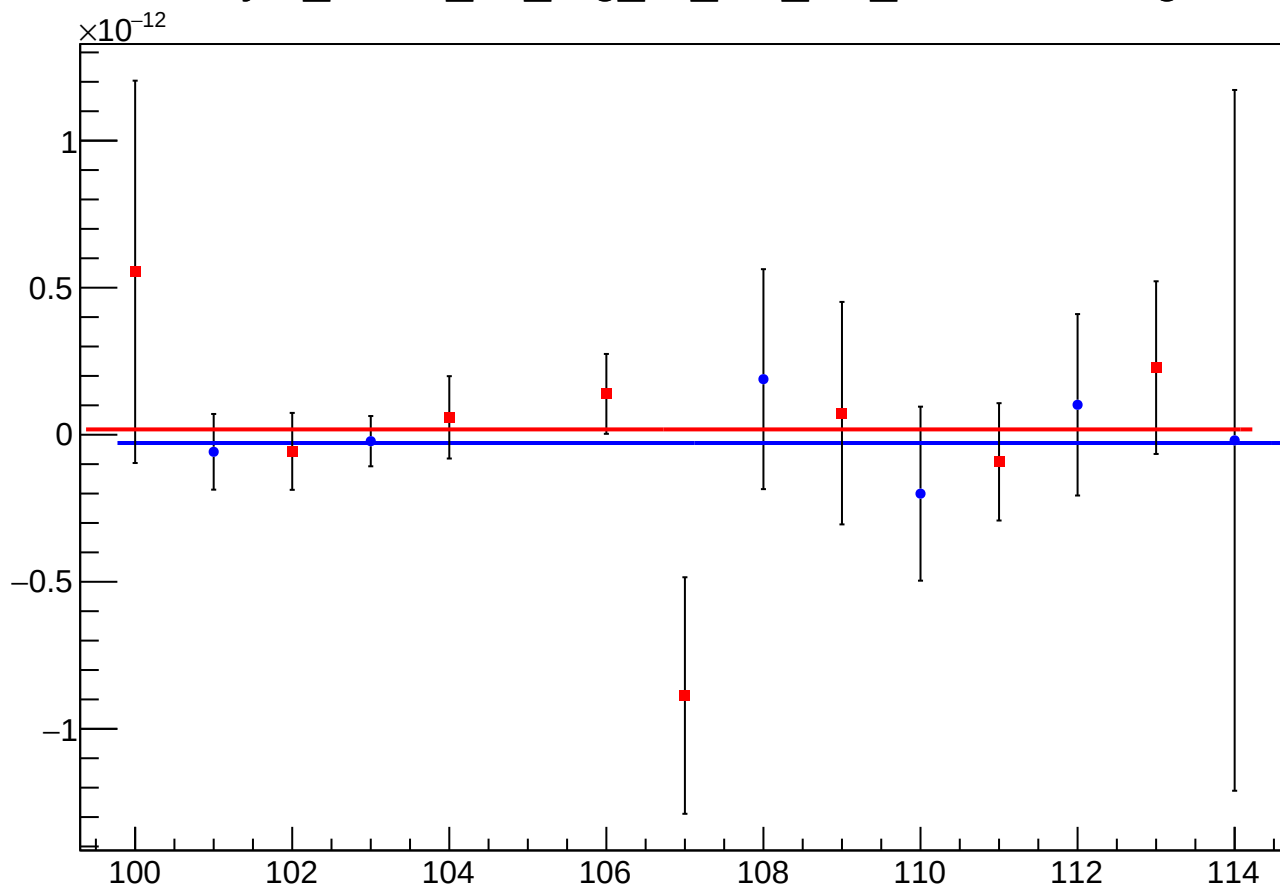
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3458.675+/-1.048 χ^2/NDF : 506097.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 0.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 7.8/7

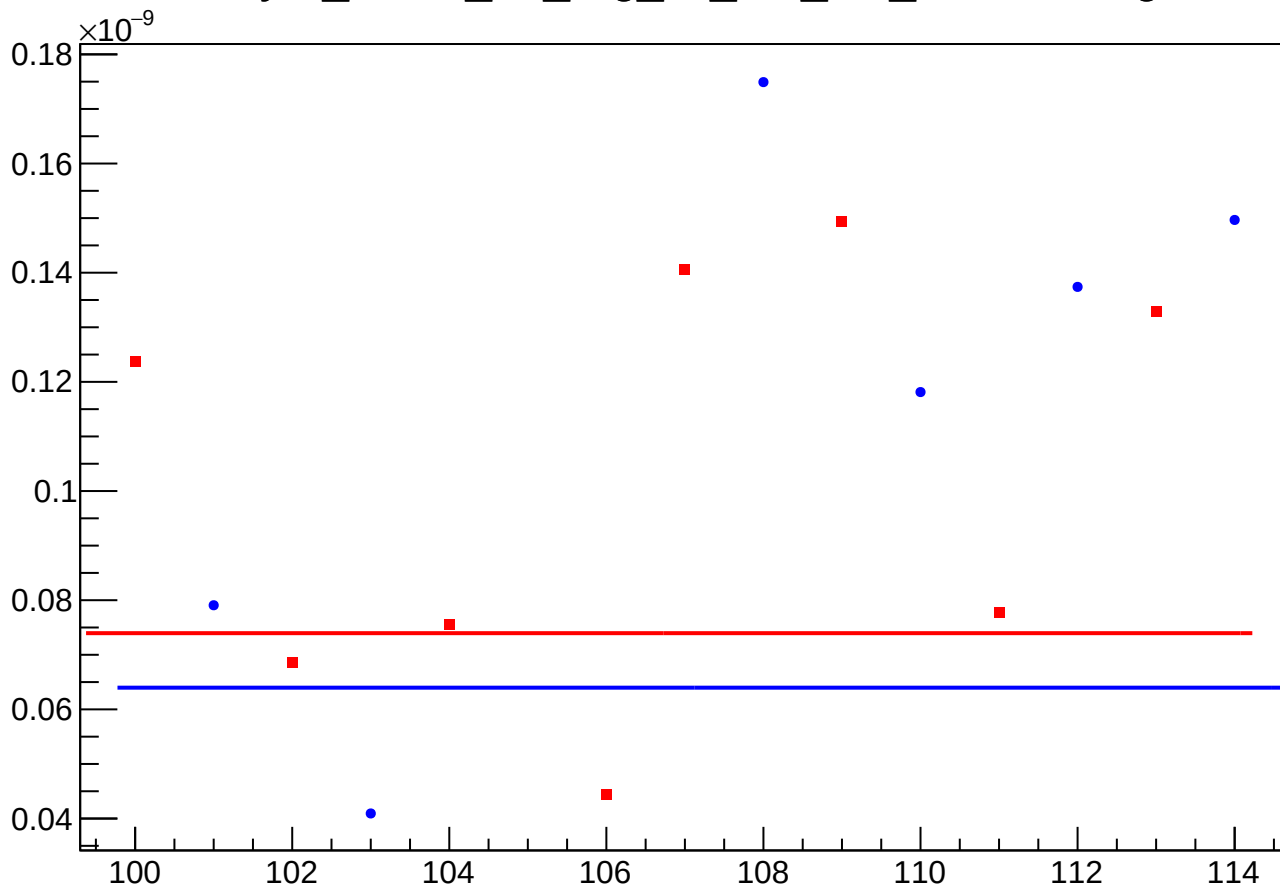
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 8.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 539732.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 325641.7/7

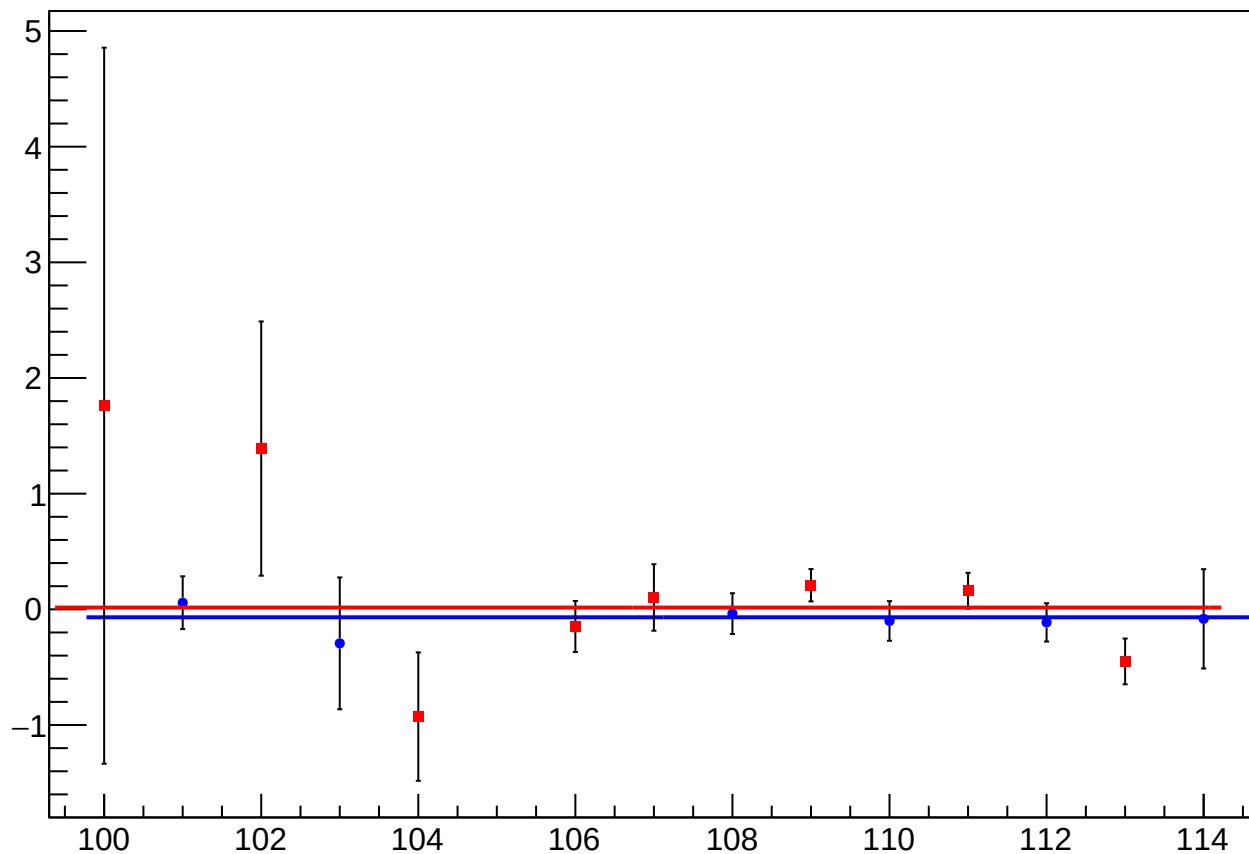
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 887447.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.069 ± 0.088 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.080 χ^2/NDF : 13.8/7

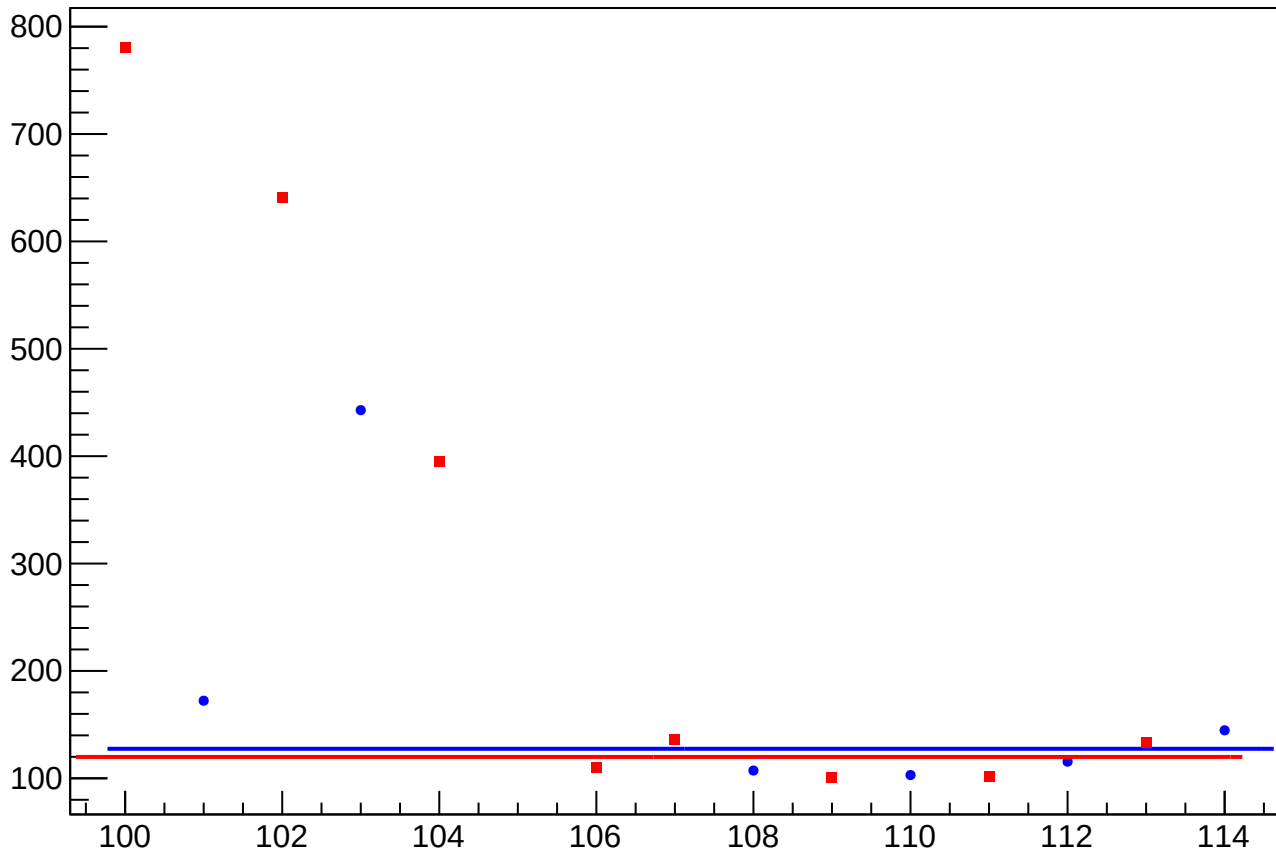
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.059 χ^2/NDF : 14.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 127.497 $\pm$ 0.062 χ^2 /NDF: 770539.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.918 $\pm$ 0.057 χ^2 /NDF: 1117471.9/7

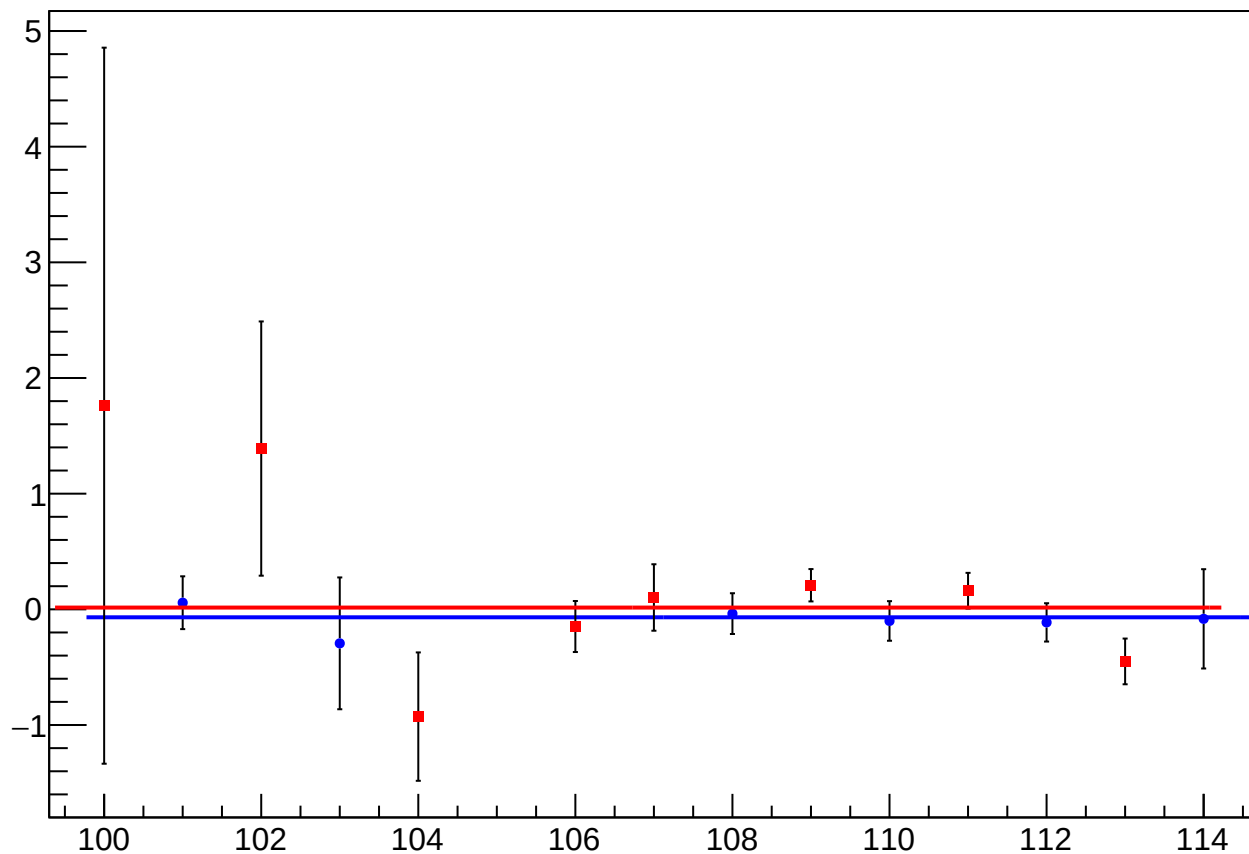
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.377 $\pm$ 0.042 χ^2 /NDF: 1896162.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.069 $\pm$ 0.088 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.080 χ^2 /NDF: 13.8/7

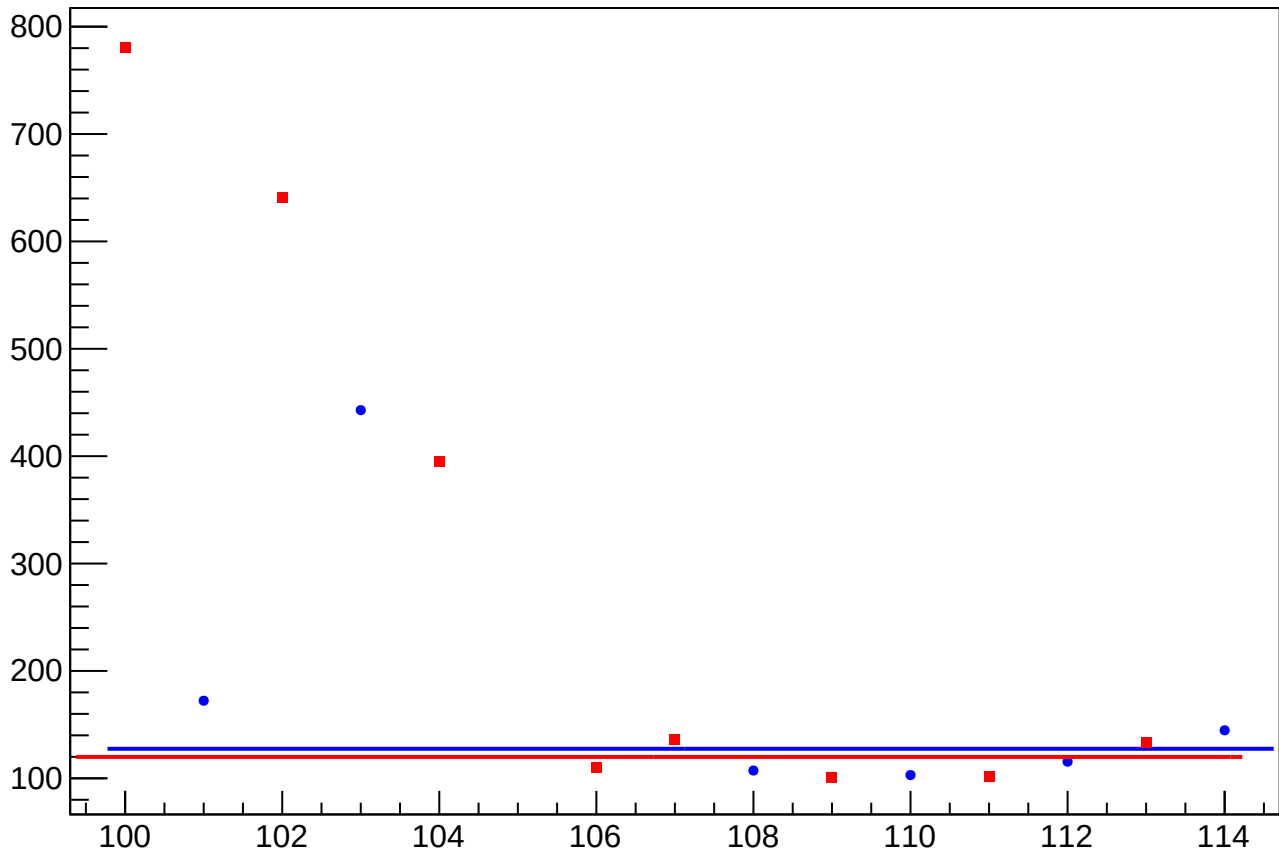
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.059 χ^2 /NDF: 14.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.497 $\pm$ 0.062 χ^2 /NDF: 770539.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.918 $\pm$ 0.057 χ^2 /NDF: 1117471.9/7

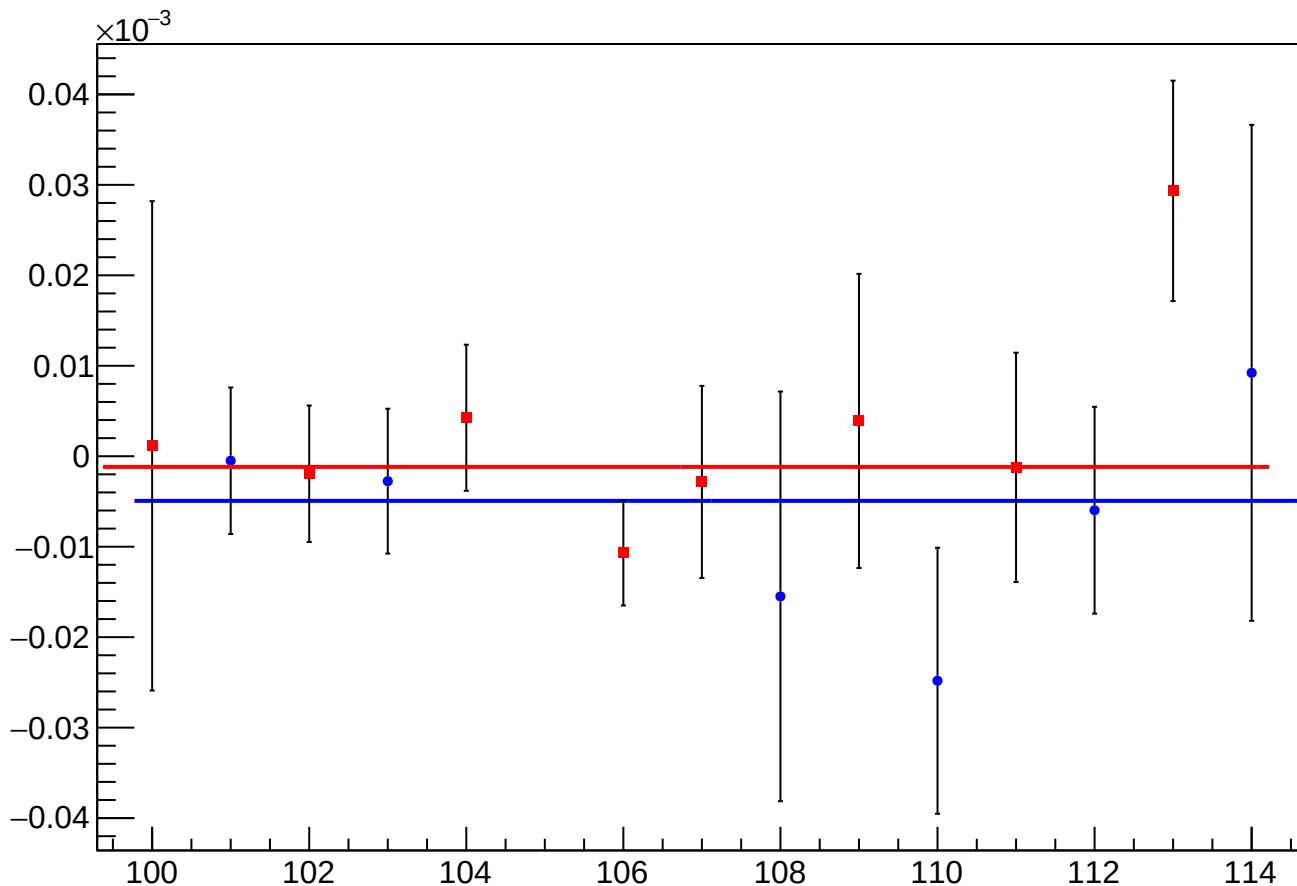
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.377 $\pm$ 0.042 χ^2 /NDF: 1896162.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/7

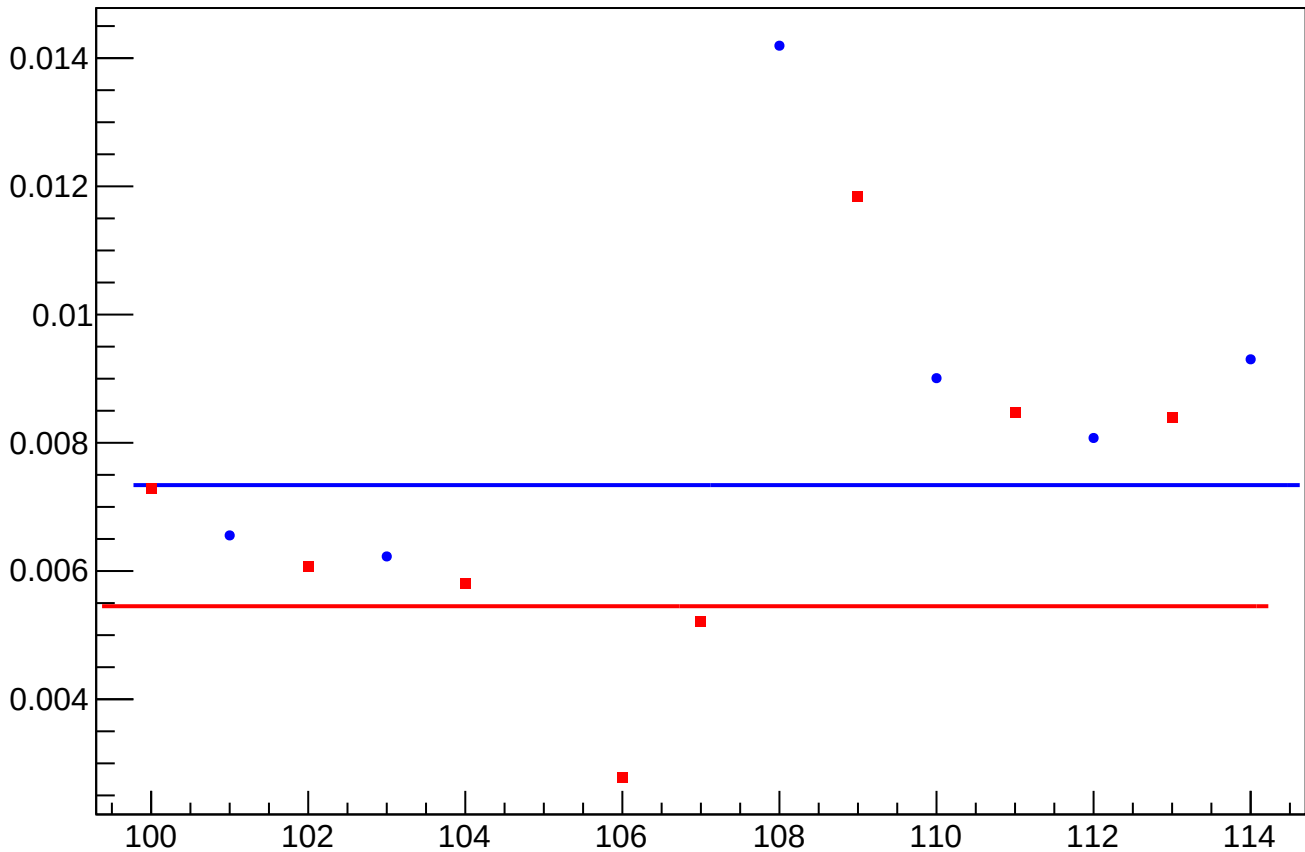
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 284824.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 991386.5/7

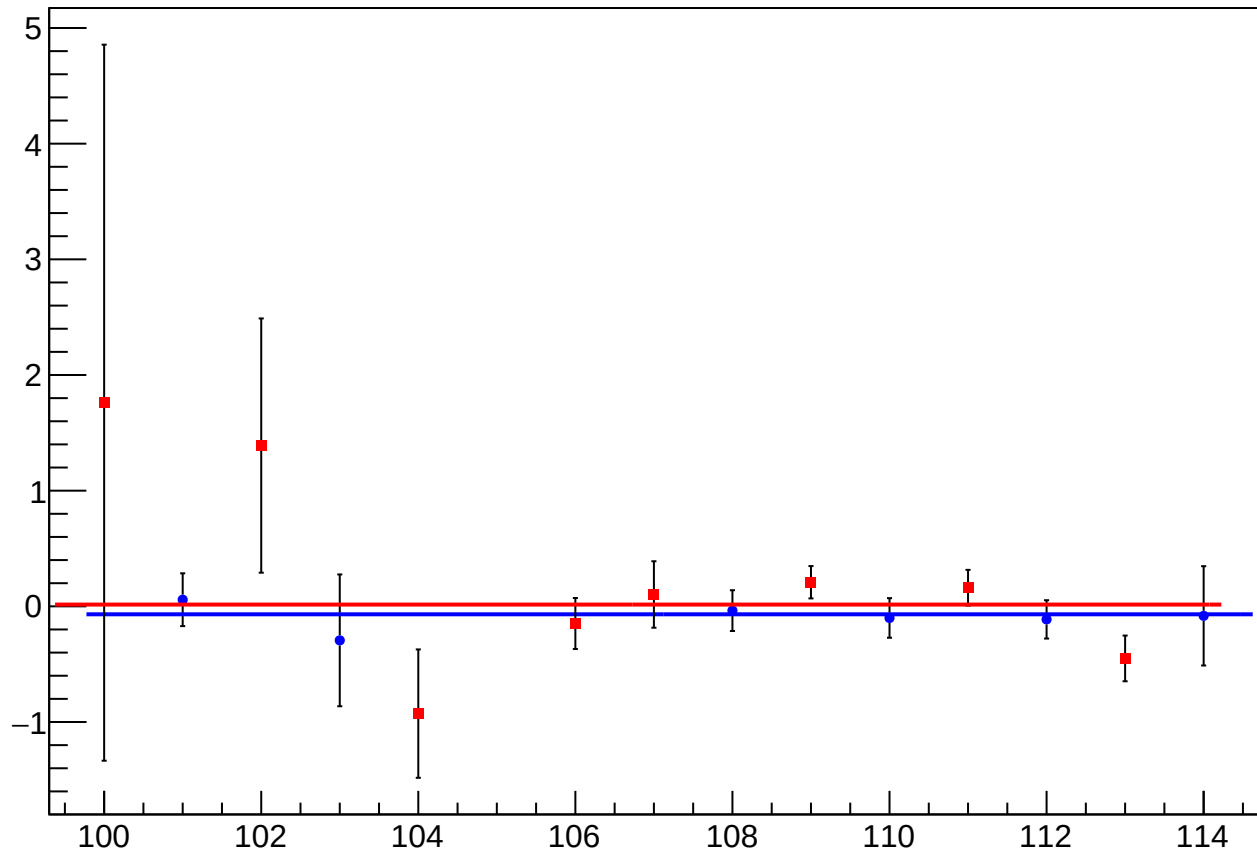
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1494394.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.069 $\pm$ 0.088 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.080 χ^2 /NDF: 13.8/7

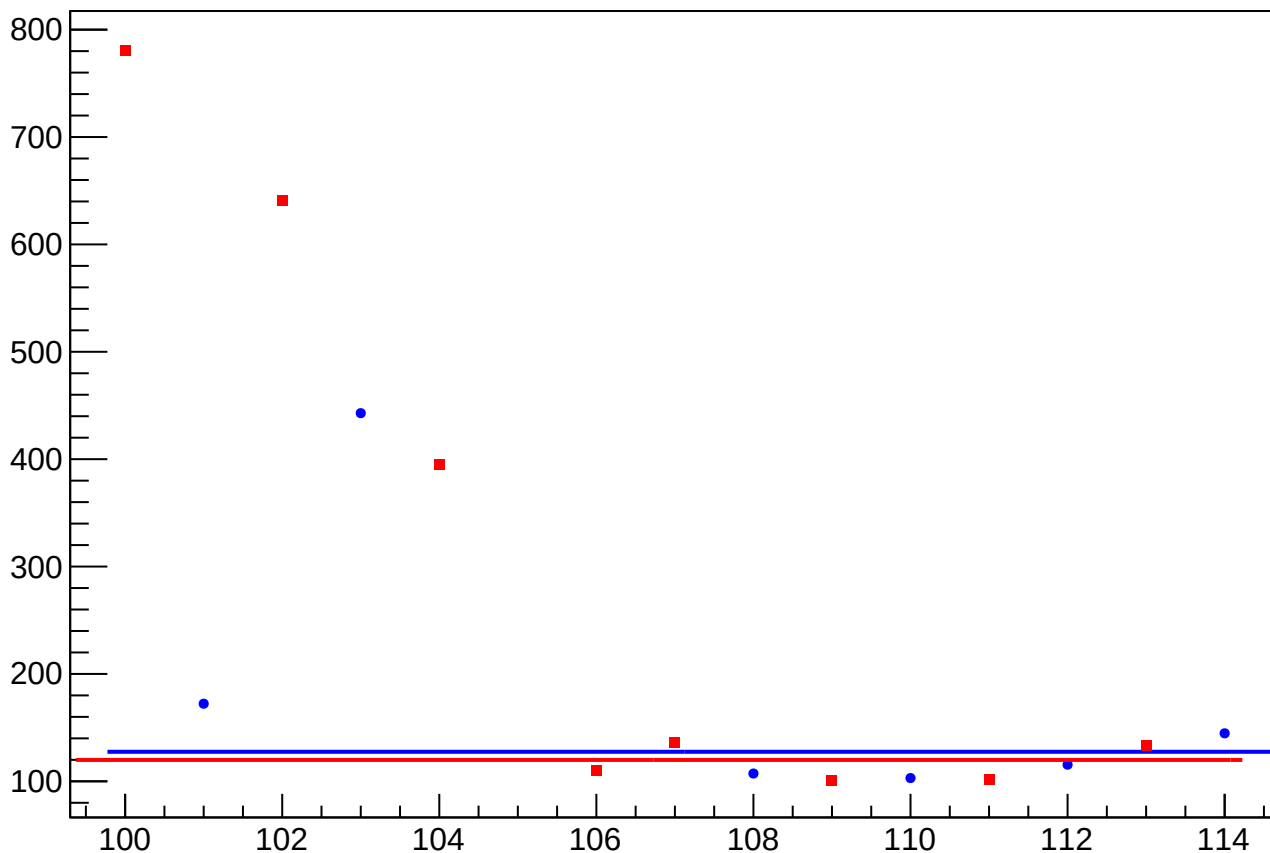
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.059 χ^2 /NDF: 14.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 127.501 $\pm$ 0.062 χ^2 /NDF: 770486.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.920 $\pm$ 0.057 χ^2 /NDF: 1117444.2/7

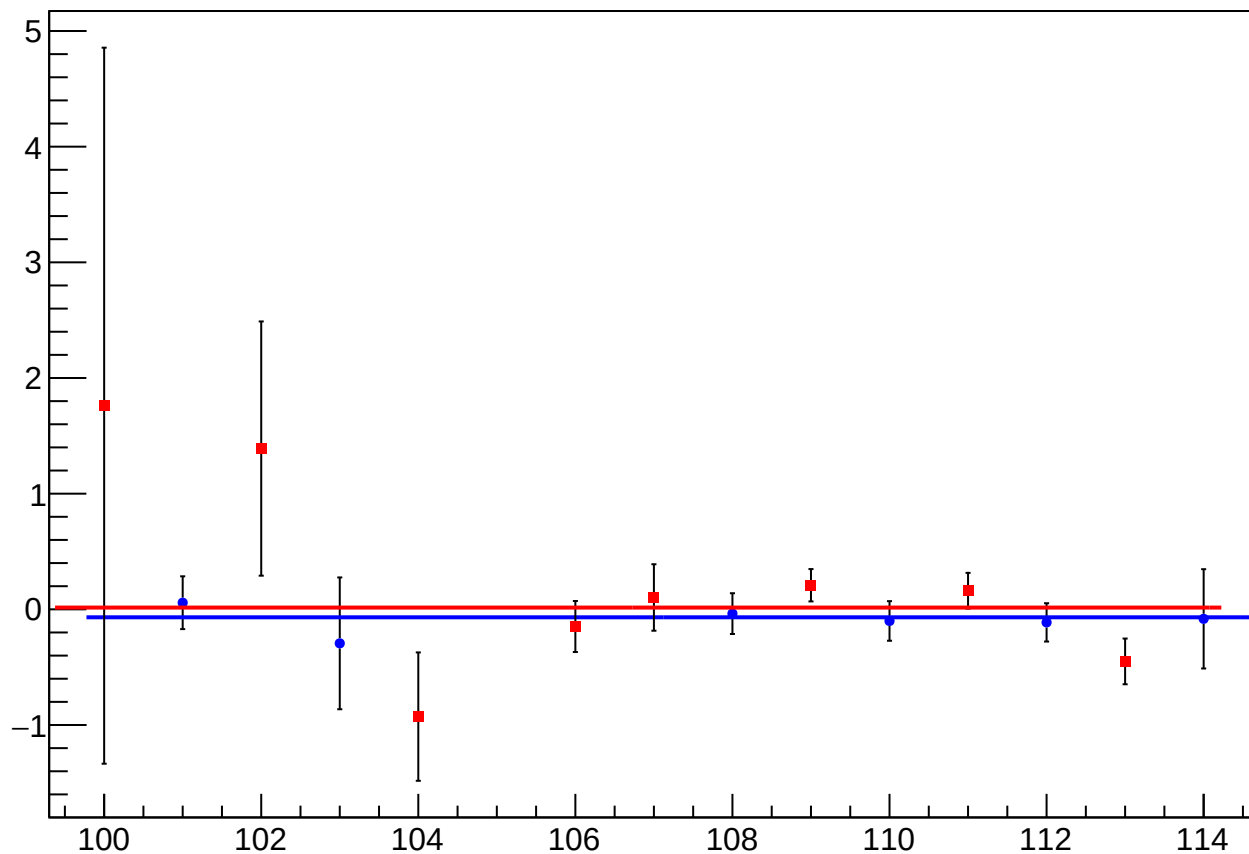
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.379 $\pm$ 0.042 χ^2 /NDF: 1896084.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.069 $\pm$ 0.088 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.015 $\pm$ 0.080 χ^2 /NDF: 13.8/7

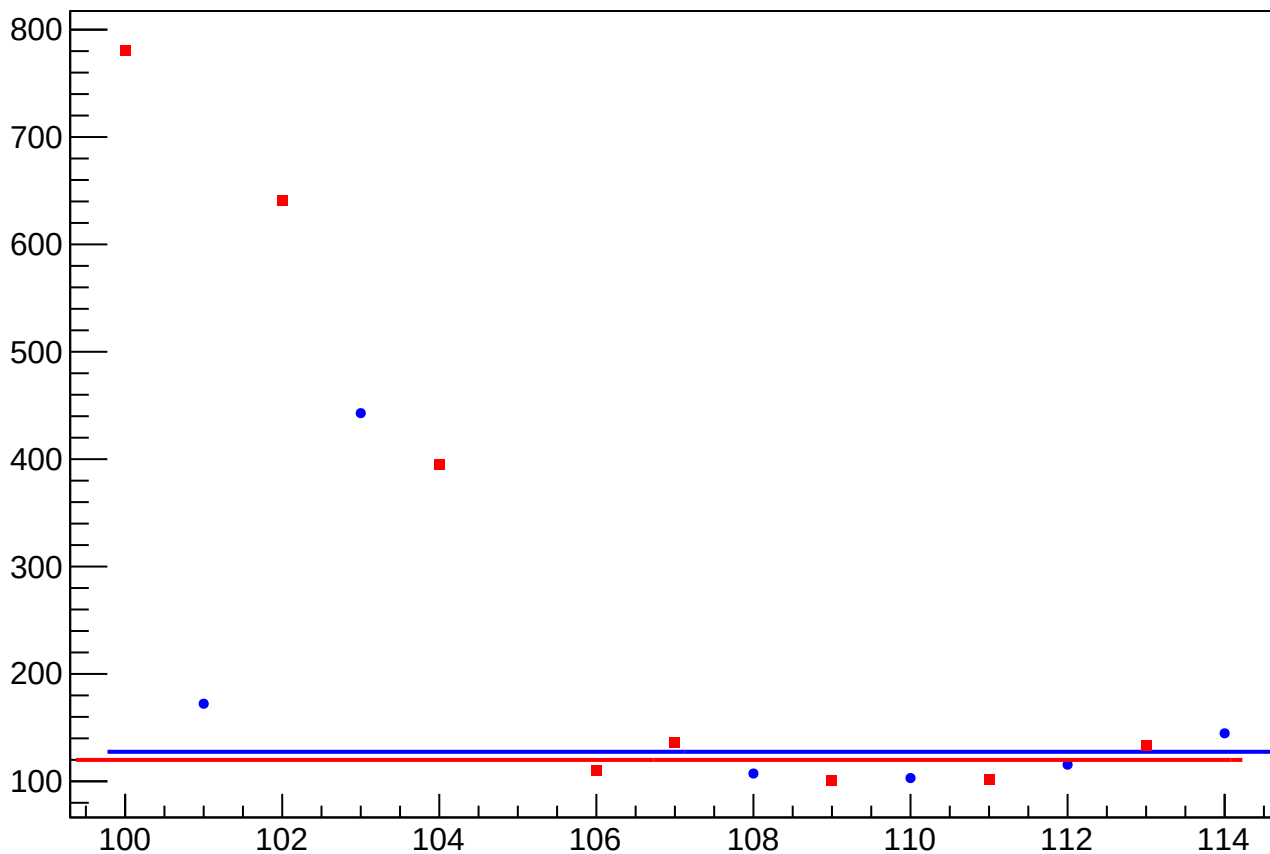
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.059 χ^2 /NDF: 14.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.501 $\pm$ 0.062 χ^2 /NDF: 770486.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

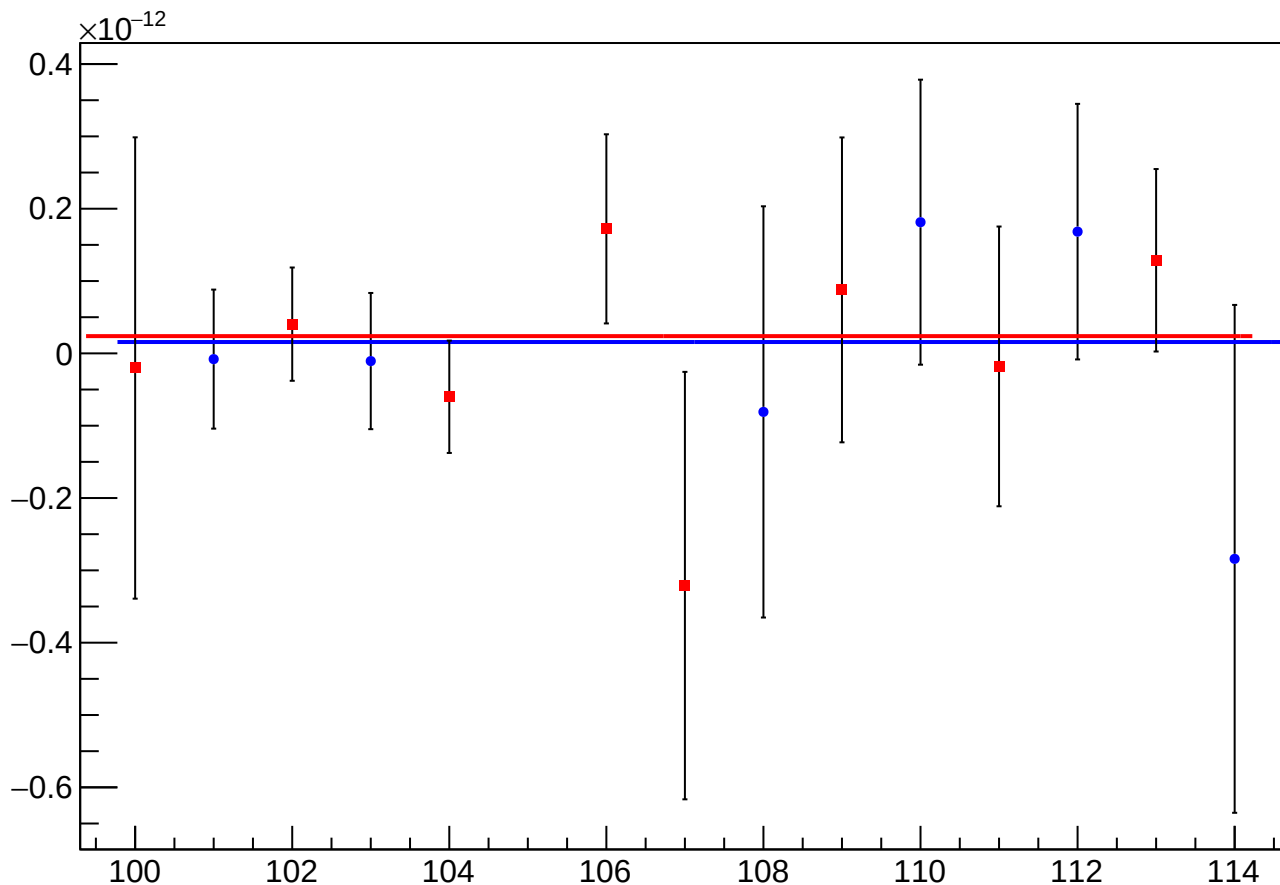
Right Out: 119.920 $\pm$ 0.057 χ^2 /NDF: 1117444.2/7

All: 123.379 $\pm$ 0.042 χ^2 /NDF: 1896084.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/7

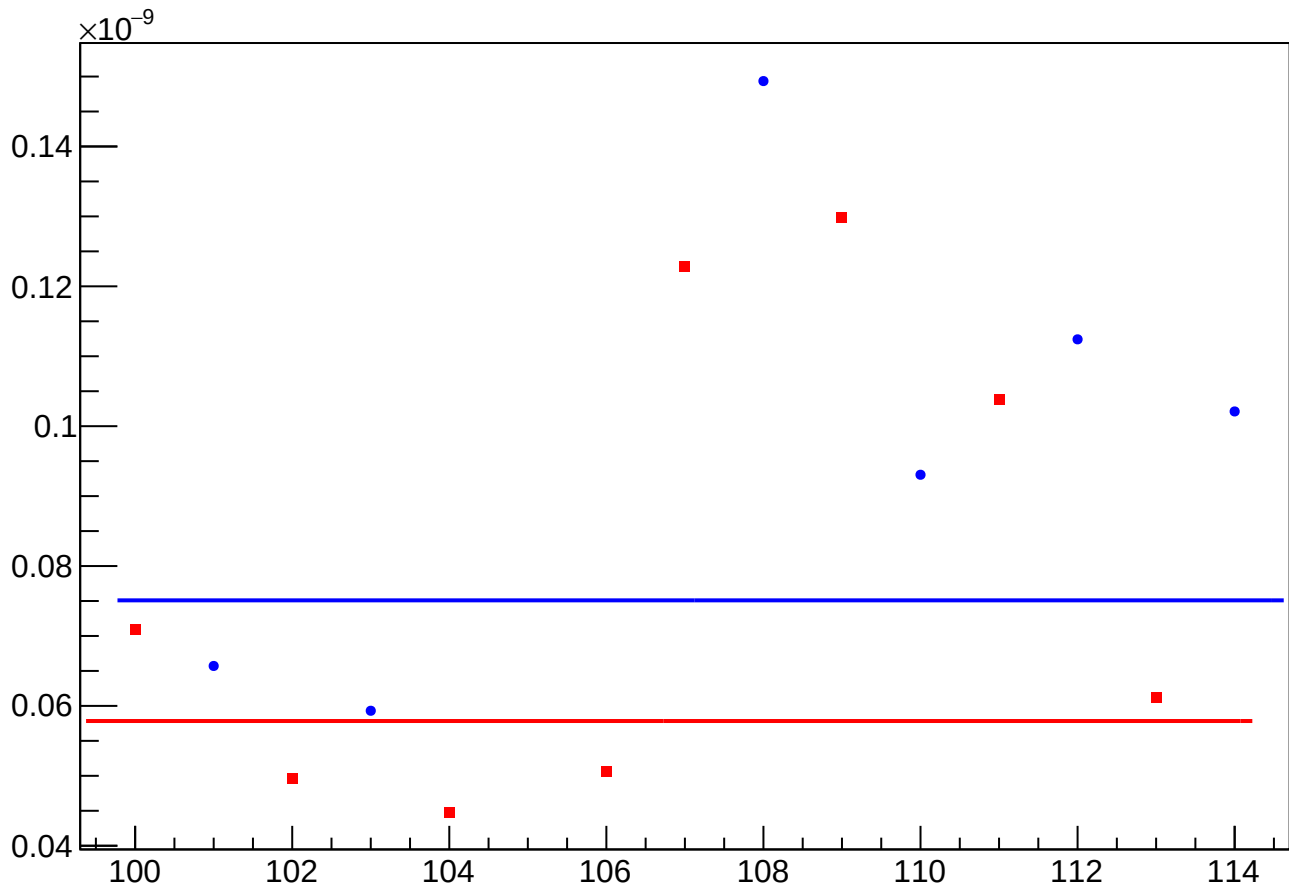
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 329486.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533583.1/7

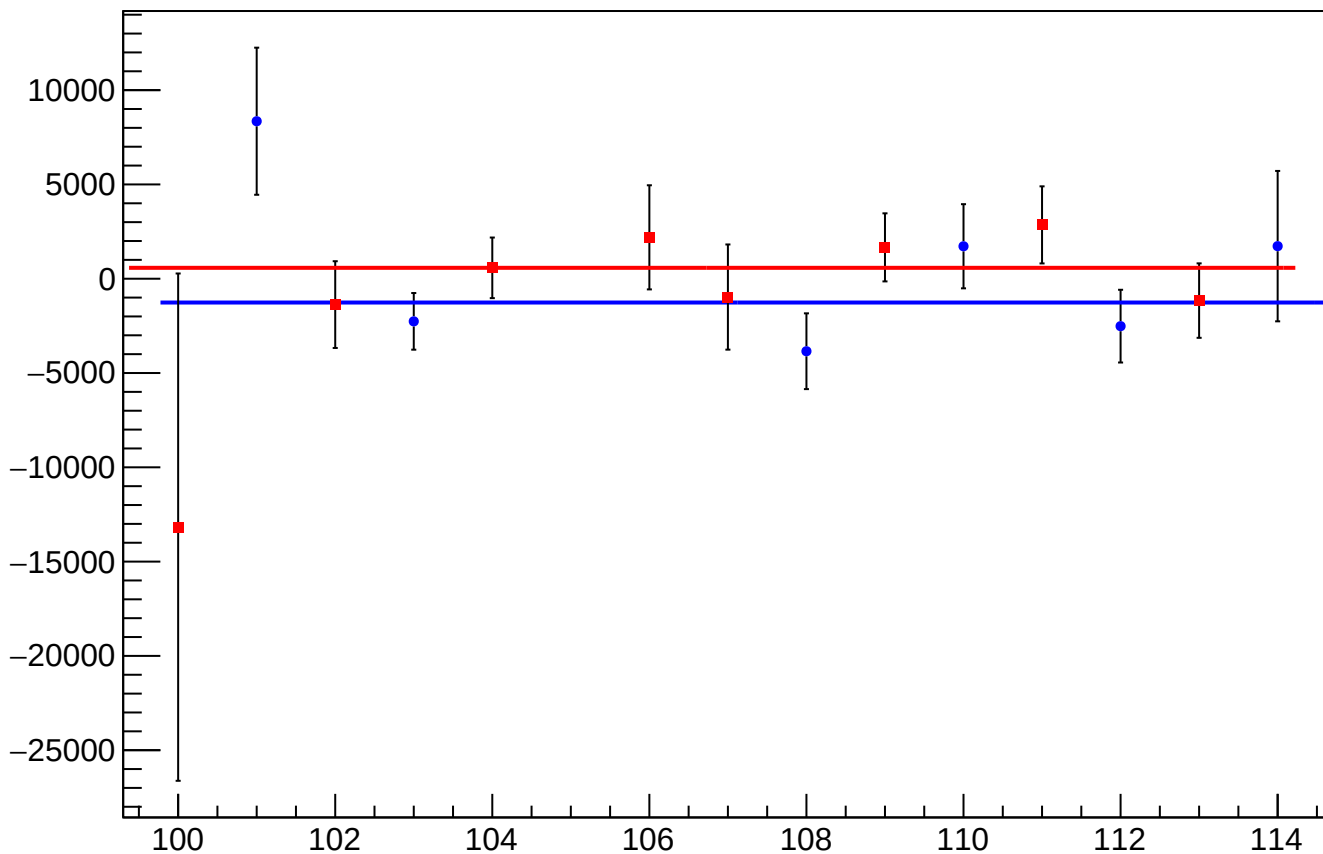
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 976258.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1261.965 $\pm$ 880.623 χ^2 /NDF: 10.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 578.285 $\pm$ 779.701 χ^2 /NDF: 4.8/7

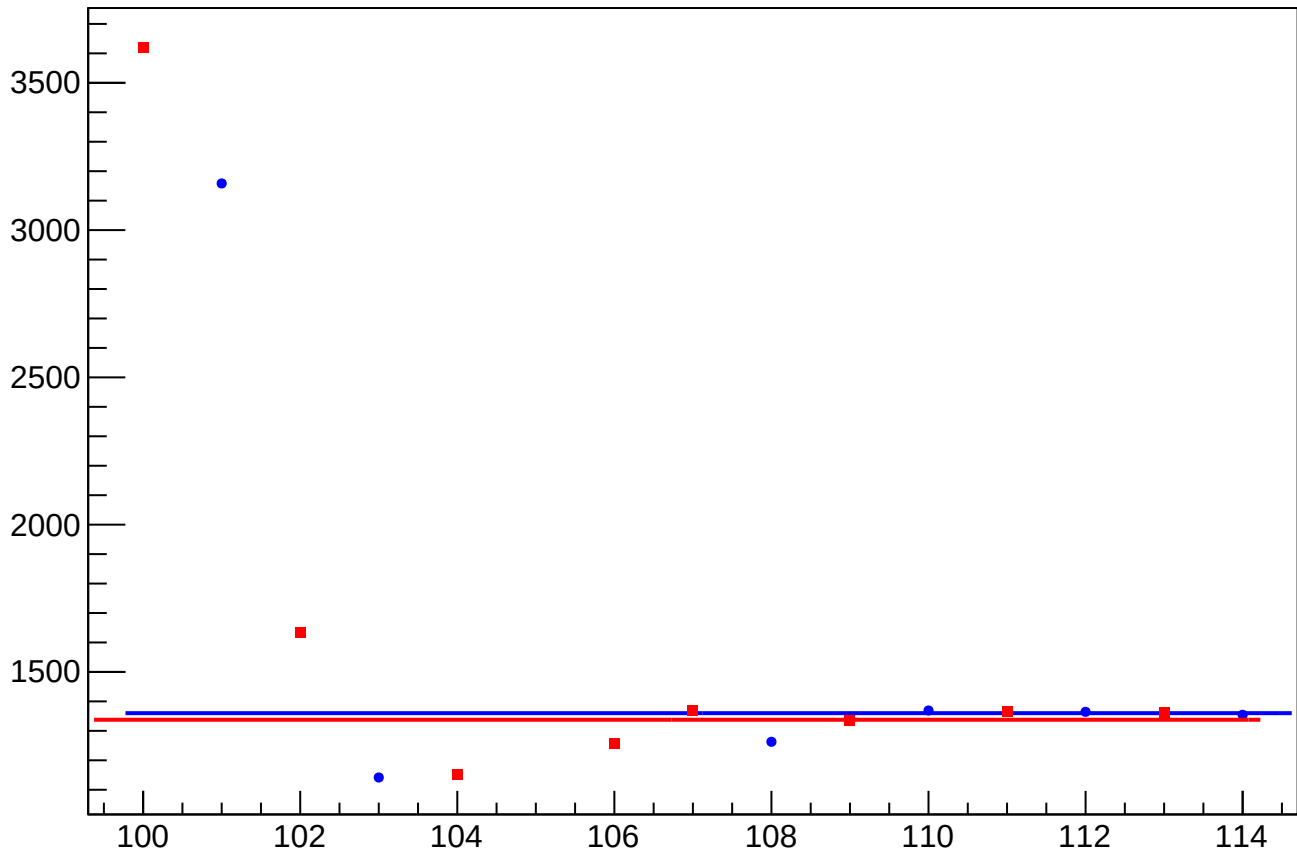
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -230.393 $\pm$ 583.767 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472257.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.665+/-0.548 χ^2/NDF : 120806.1/7

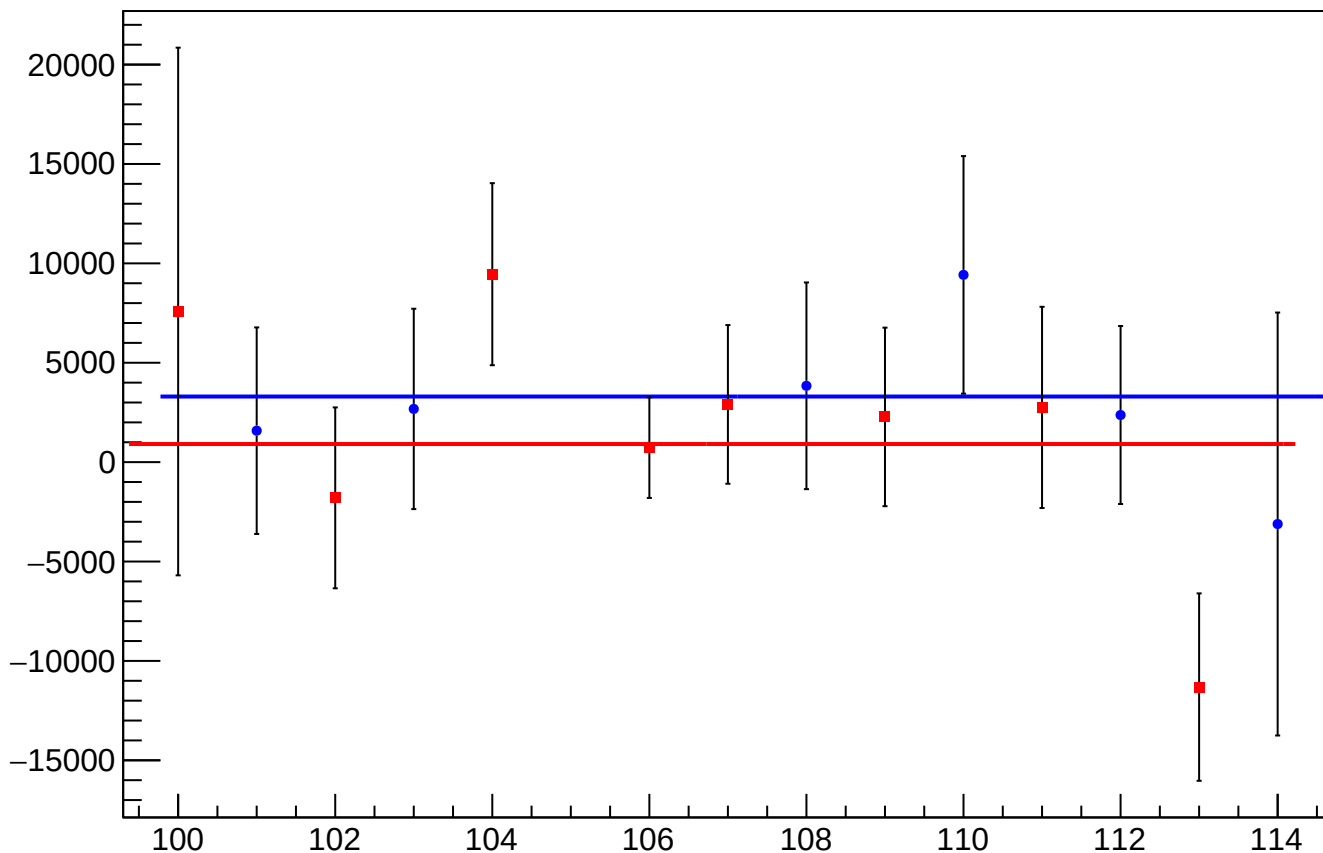
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



Right In: 3300.817 $\pm$ 2235.388 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 911.596 $\pm$ 1483.479 χ^2 /NDF: 11.3/7

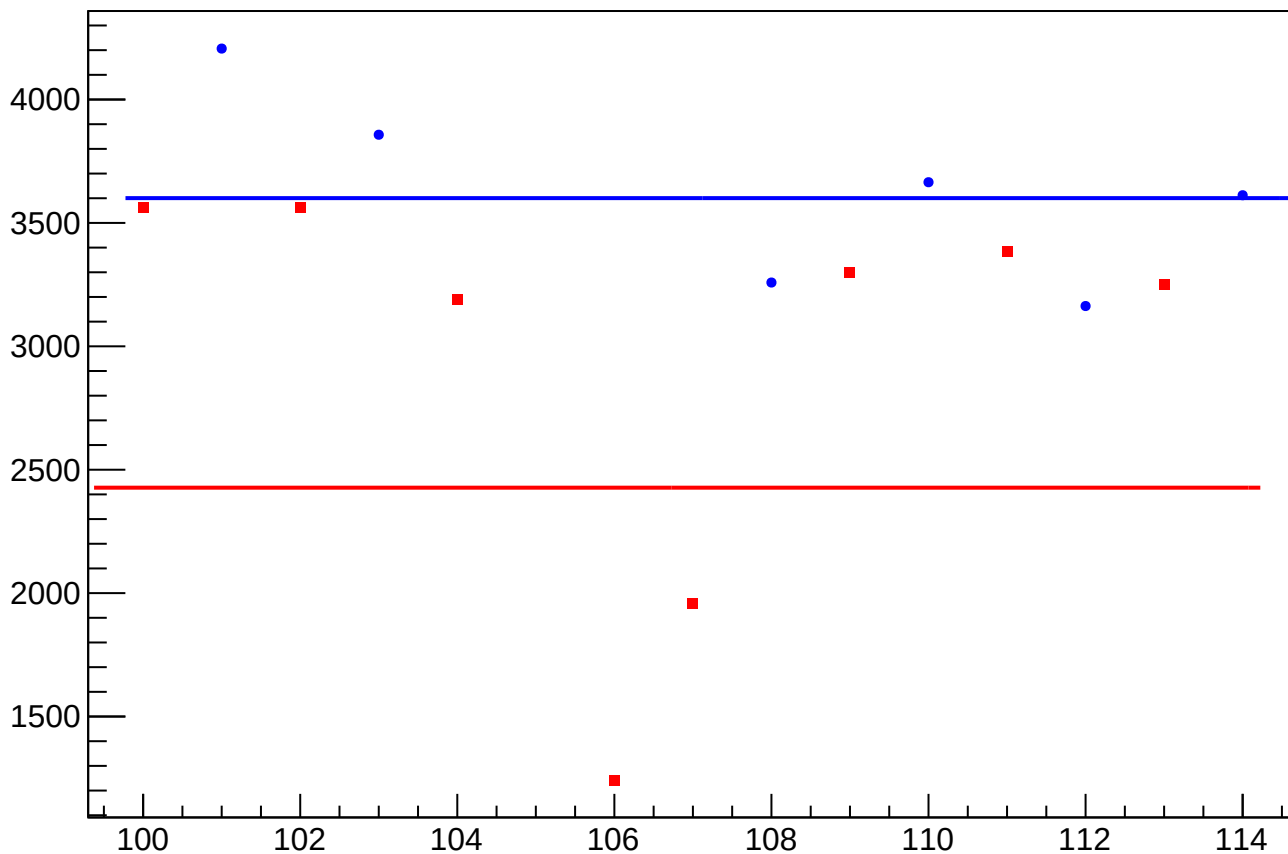
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1642.107 $\pm$ 1236.057 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug



Right In: 3600.475+/-1.581 χ^2/NDF : 60353.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.268+/-1.049 χ^2/NDF : 869254.5/7

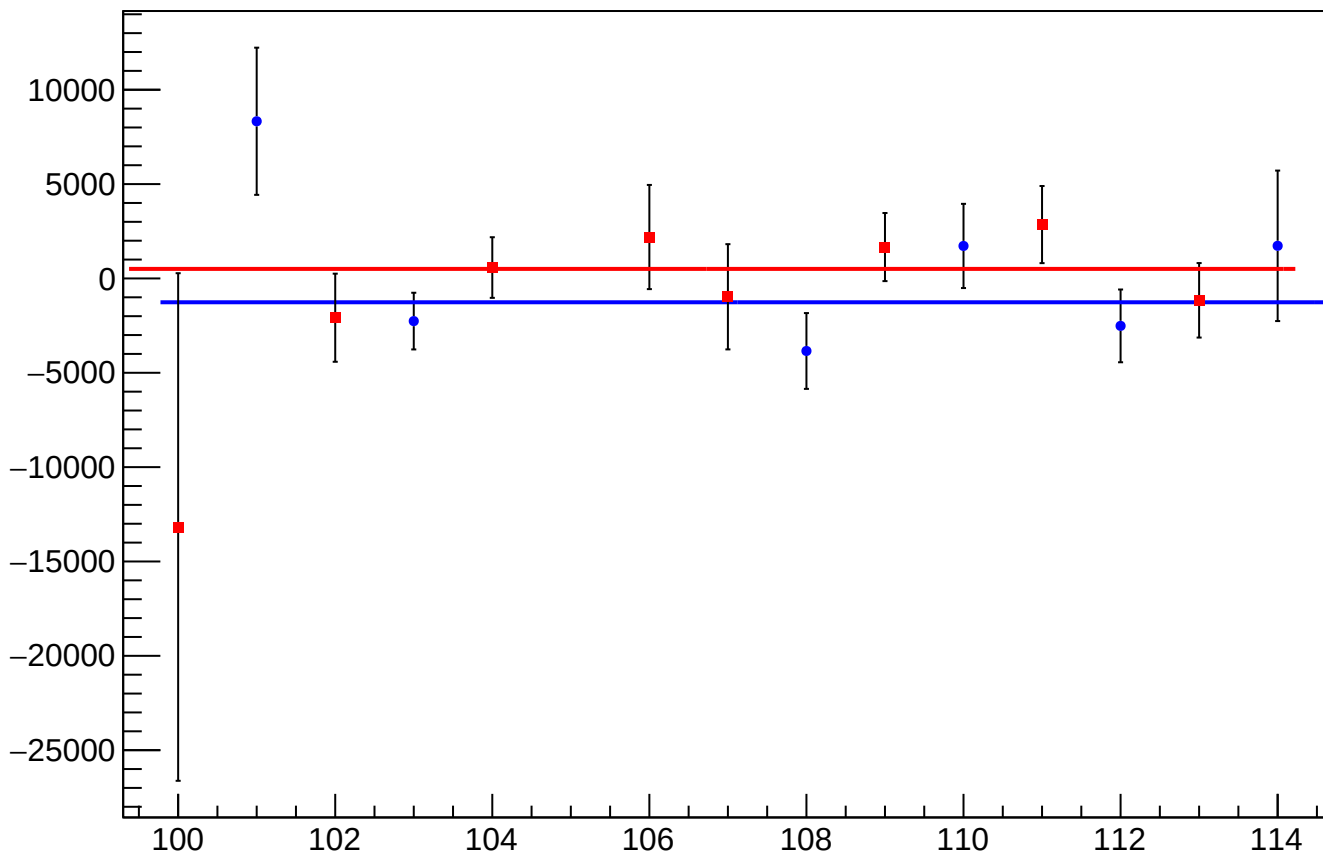
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2785.980+/-0.874 χ^2/NDF : 1312069.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1262.977 $\pm$ 880.624 χ^2 /NDF: 10.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.605 $\pm$ 781.025 χ^2 /NDF: 5.4/7

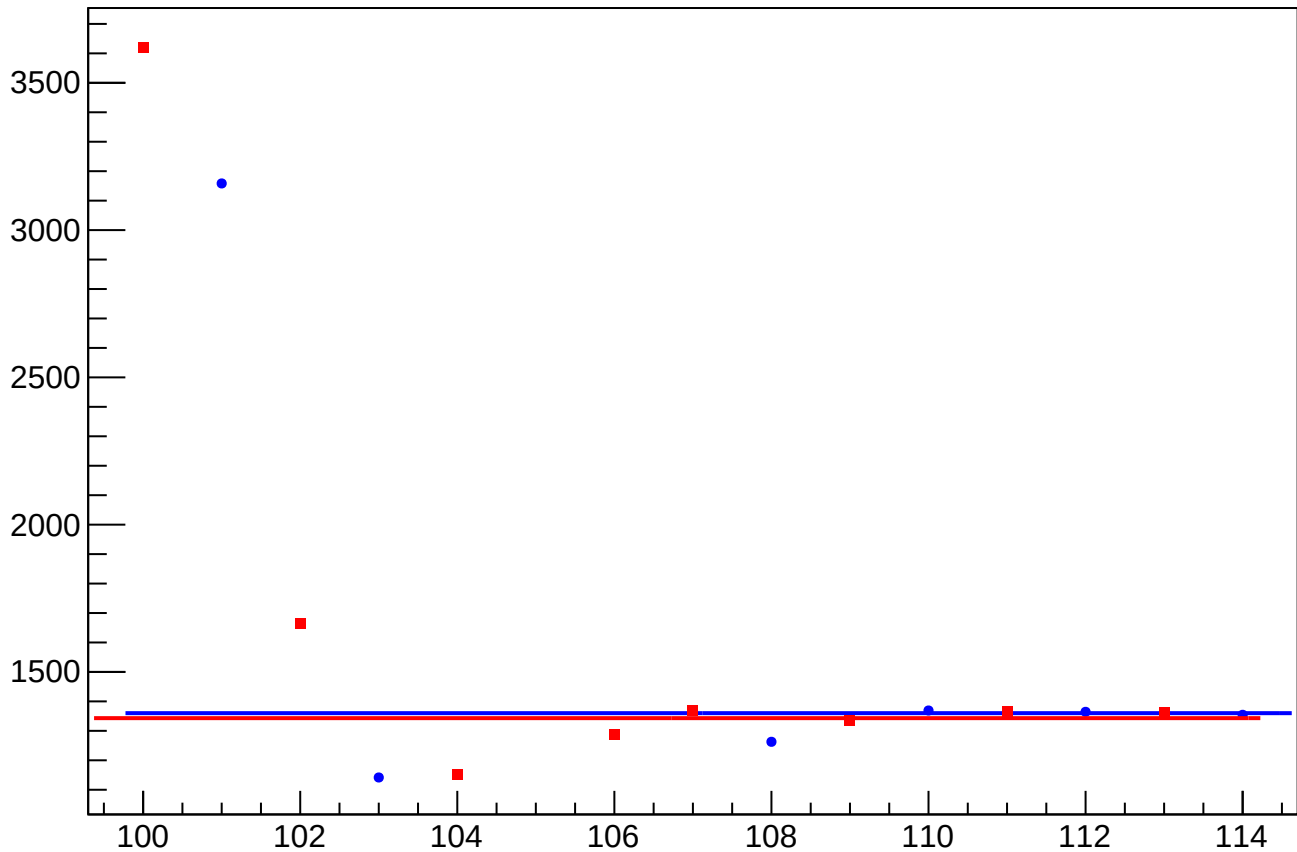
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -273.058 $\pm$ 584.322 χ^2 /NDF: 18.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

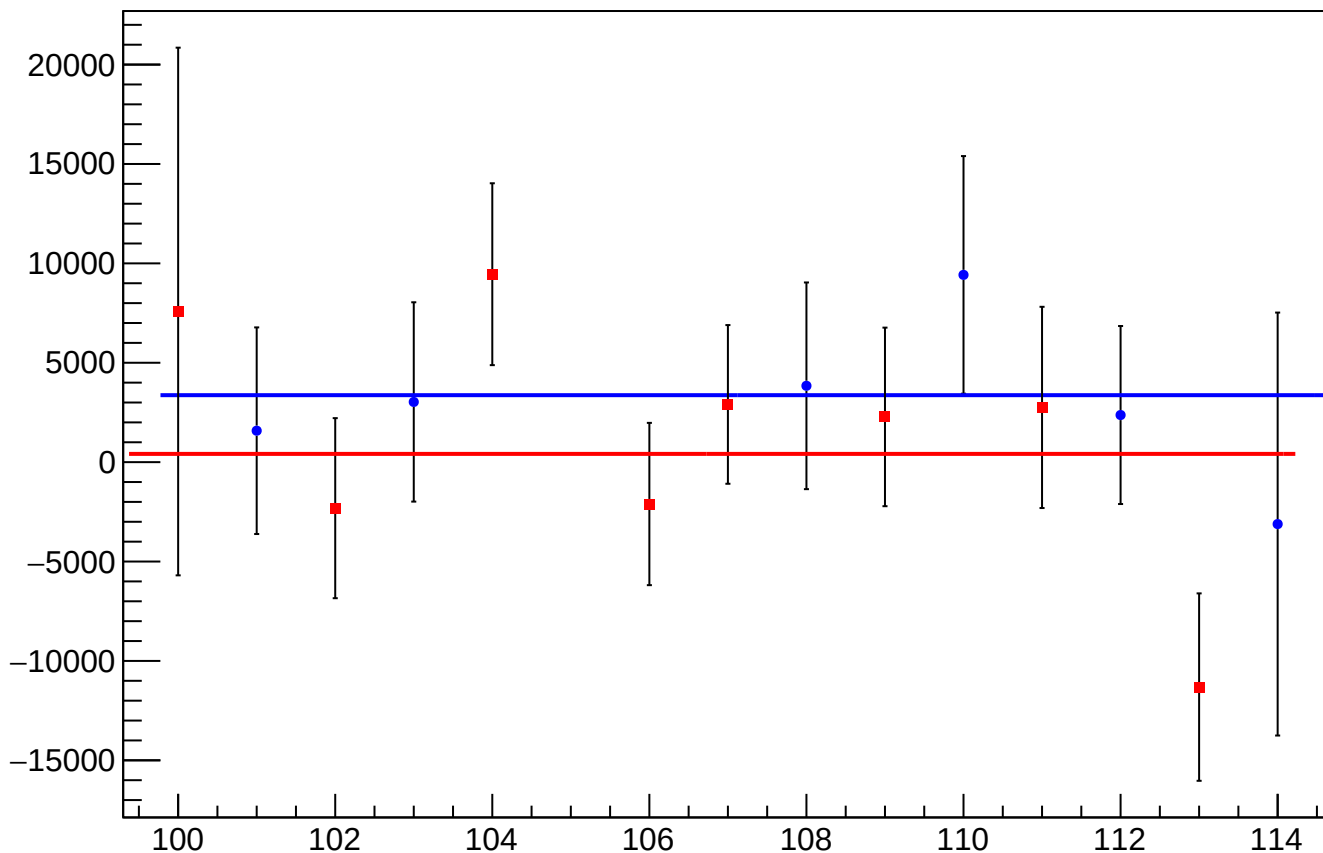
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 3369.206 $\pm$ 2233.210 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 415.290 $\pm$ 1669.939 χ^2 /NDF: 11.9/7

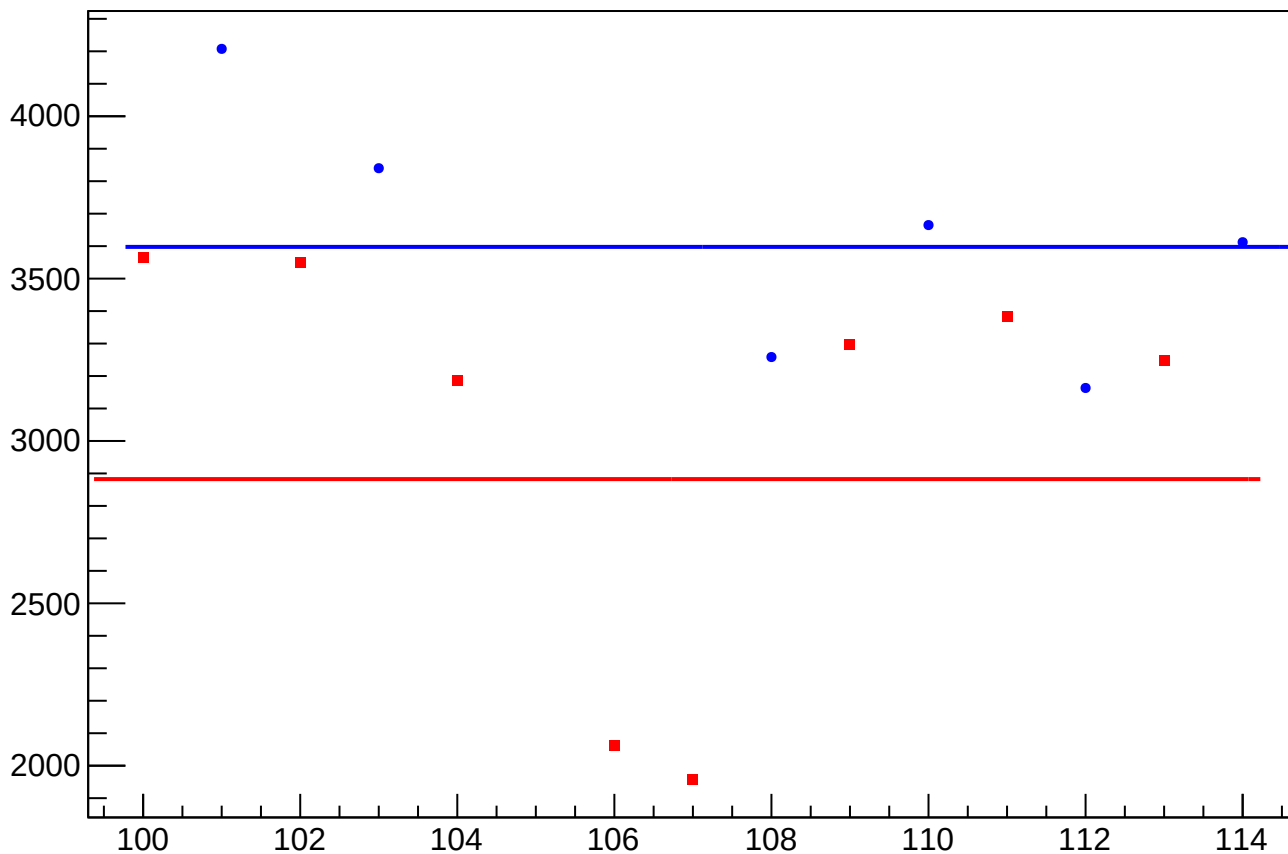
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1474.660 $\pm$ 1337.378 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



Right In: 3597.705 $\pm$ 1.579 χ^2 /NDF: 59806.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2882.604 $\pm$ 1.181 χ^2 /NDF: 294878.4/7

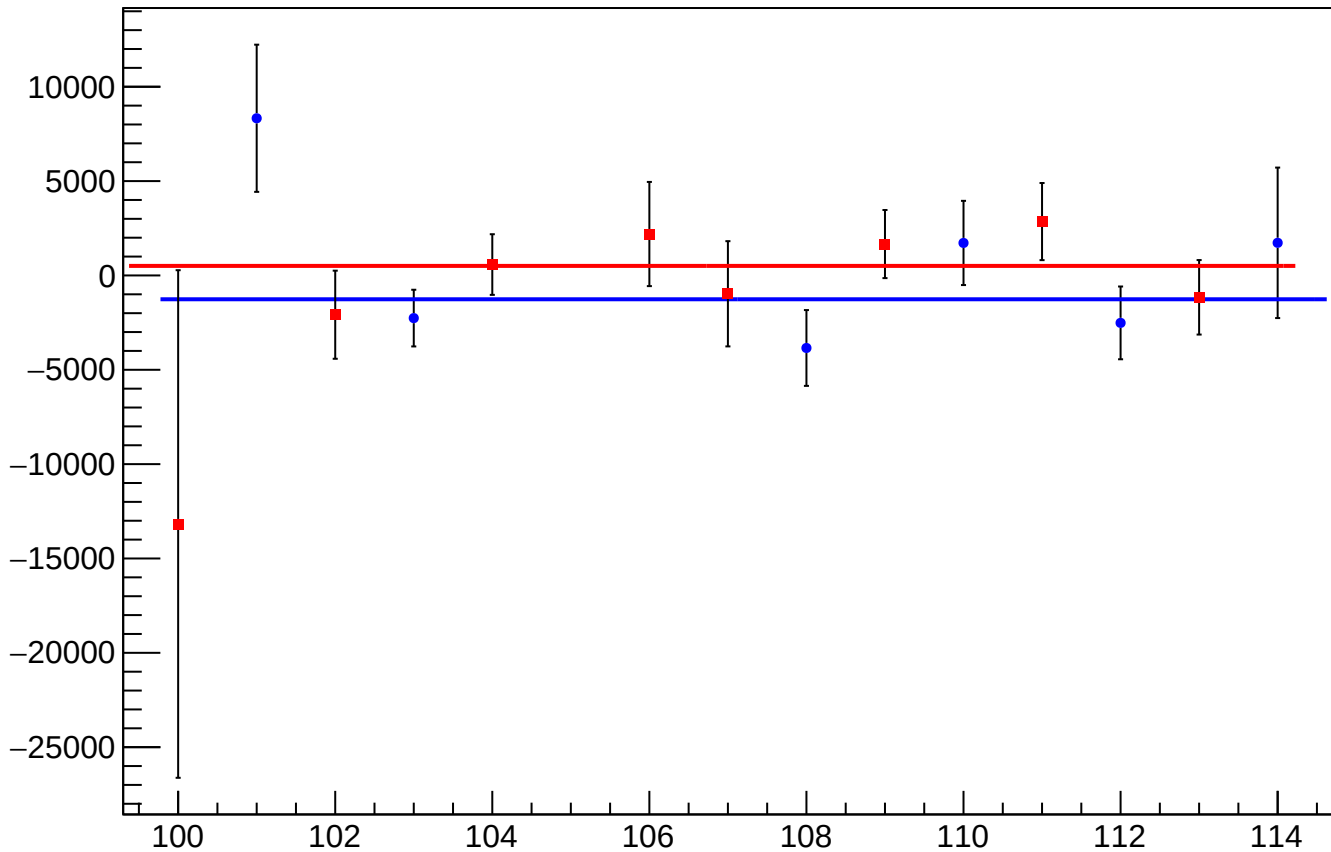
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3139.062 $\pm$ 0.946 χ^2 /NDF: 486211.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1262.977 $\pm$ 880.624 χ^2 /NDF: 10.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.605 $\pm$ 781.025 χ^2 /NDF: 5.4/7

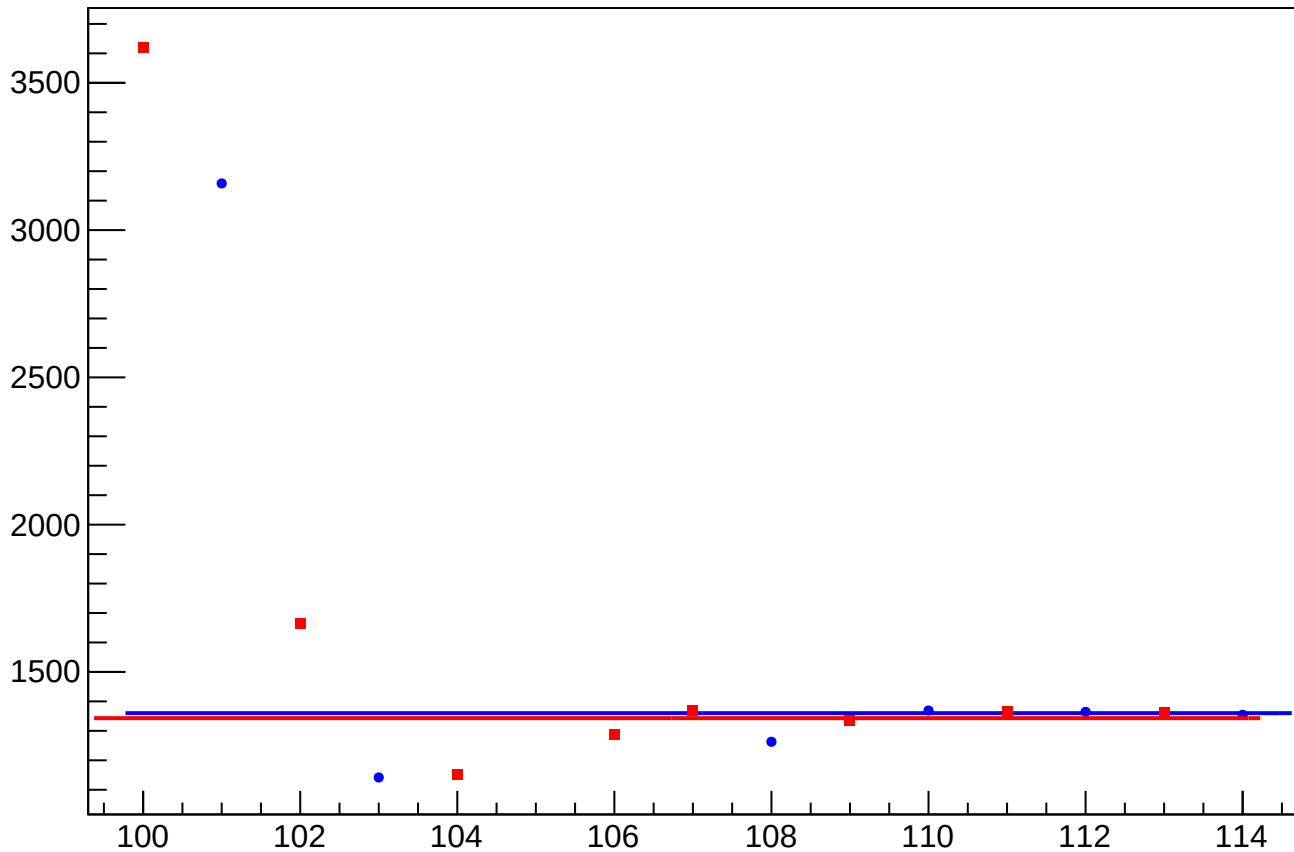
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -273.058 $\pm$ 584.322 χ^2 /NDF: 18.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1360.030 $\pm$ 0.623 χ^2 /NDF: 472259.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

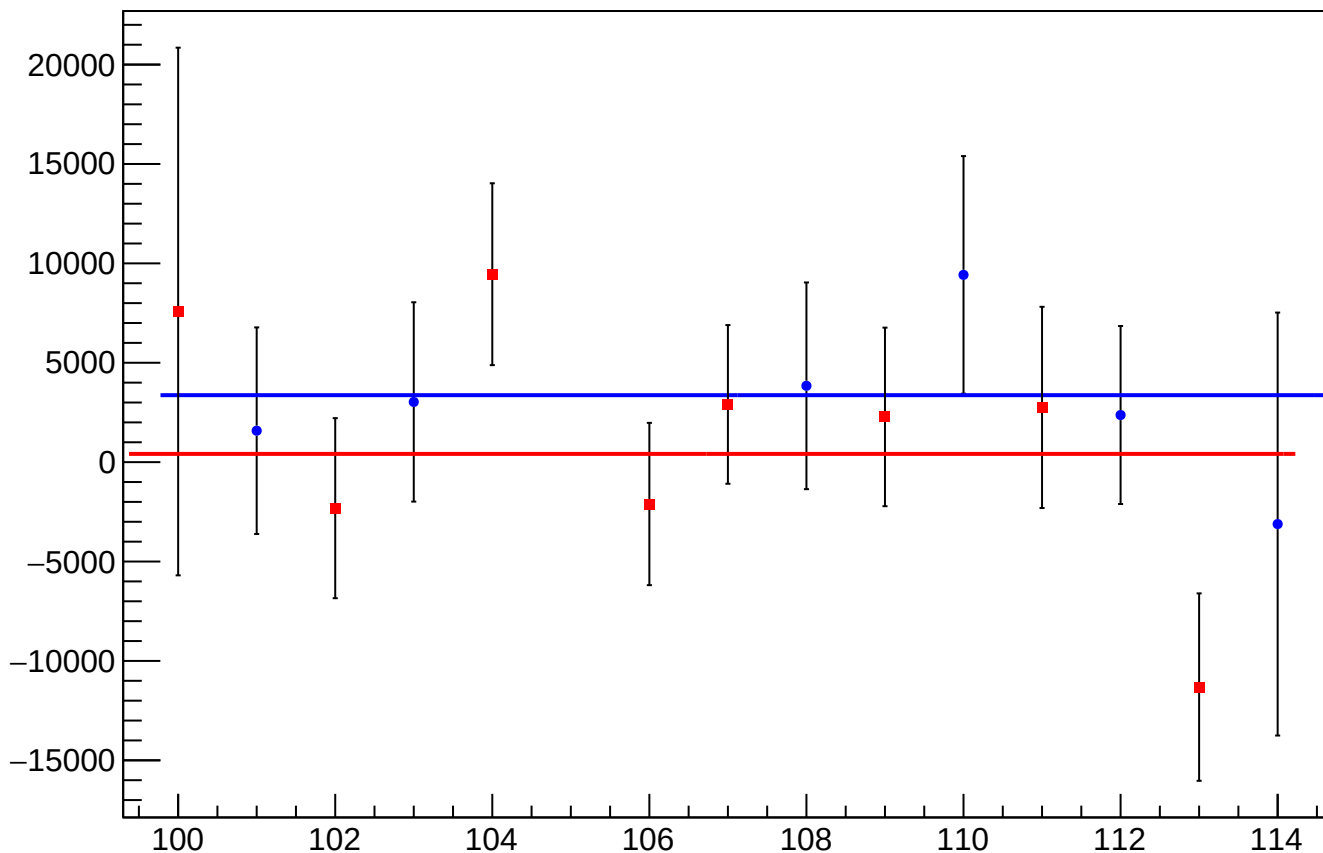
Right Out: 1343.114 $\pm$ 0.550 χ^2 /NDF: 125904.6/7

All: 1350.522 $\pm$ 0.412 χ^2 /NDF: 598578.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 3369.206 $\pm$ 2233.210 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 415.290 $\pm$ 1669.939 χ^2 /NDF: 11.9/7

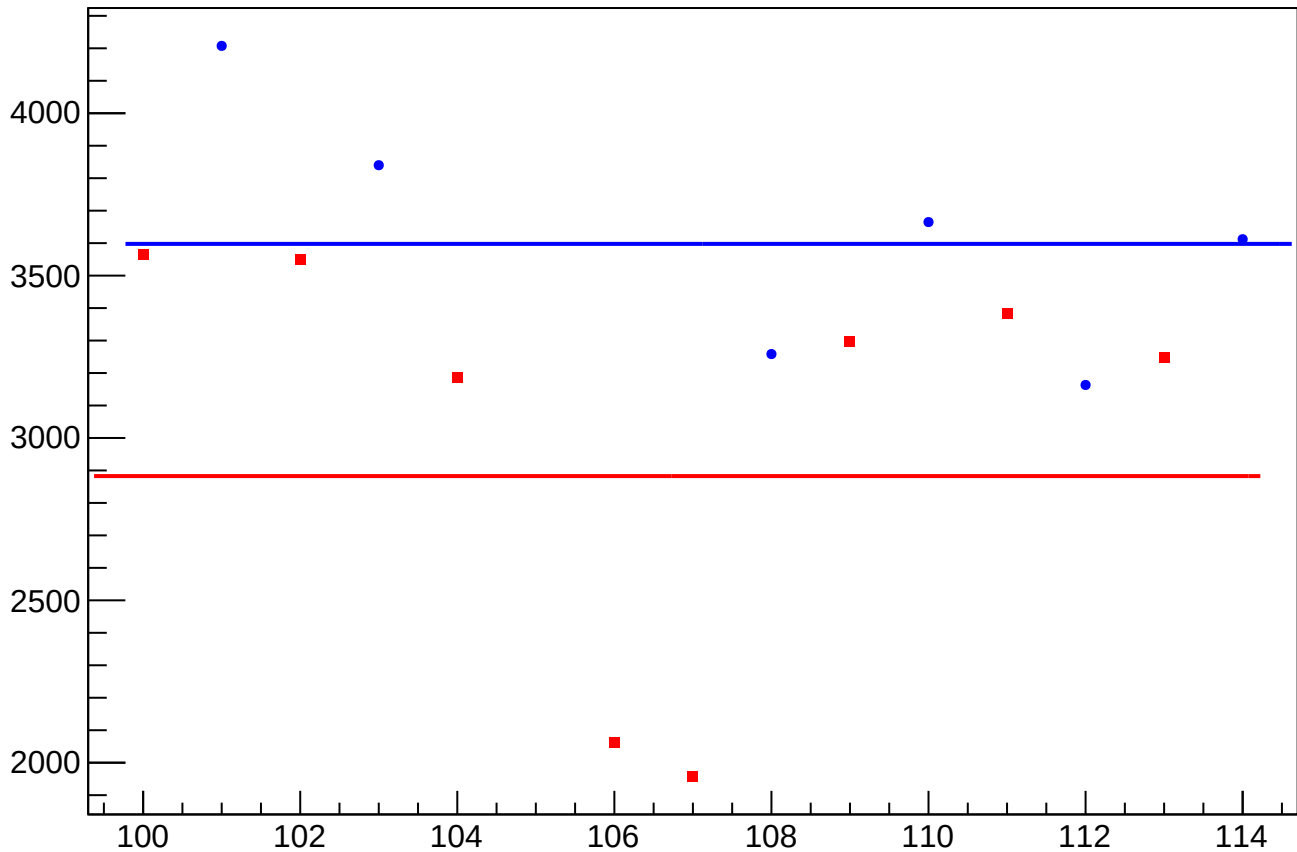
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1474.660 $\pm$ 1337.378 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 3597.705 $\pm$ 1.579 χ^2 /NDF: 59806.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2882.604 $\pm$ 1.181 χ^2 /NDF: 294878.4/7

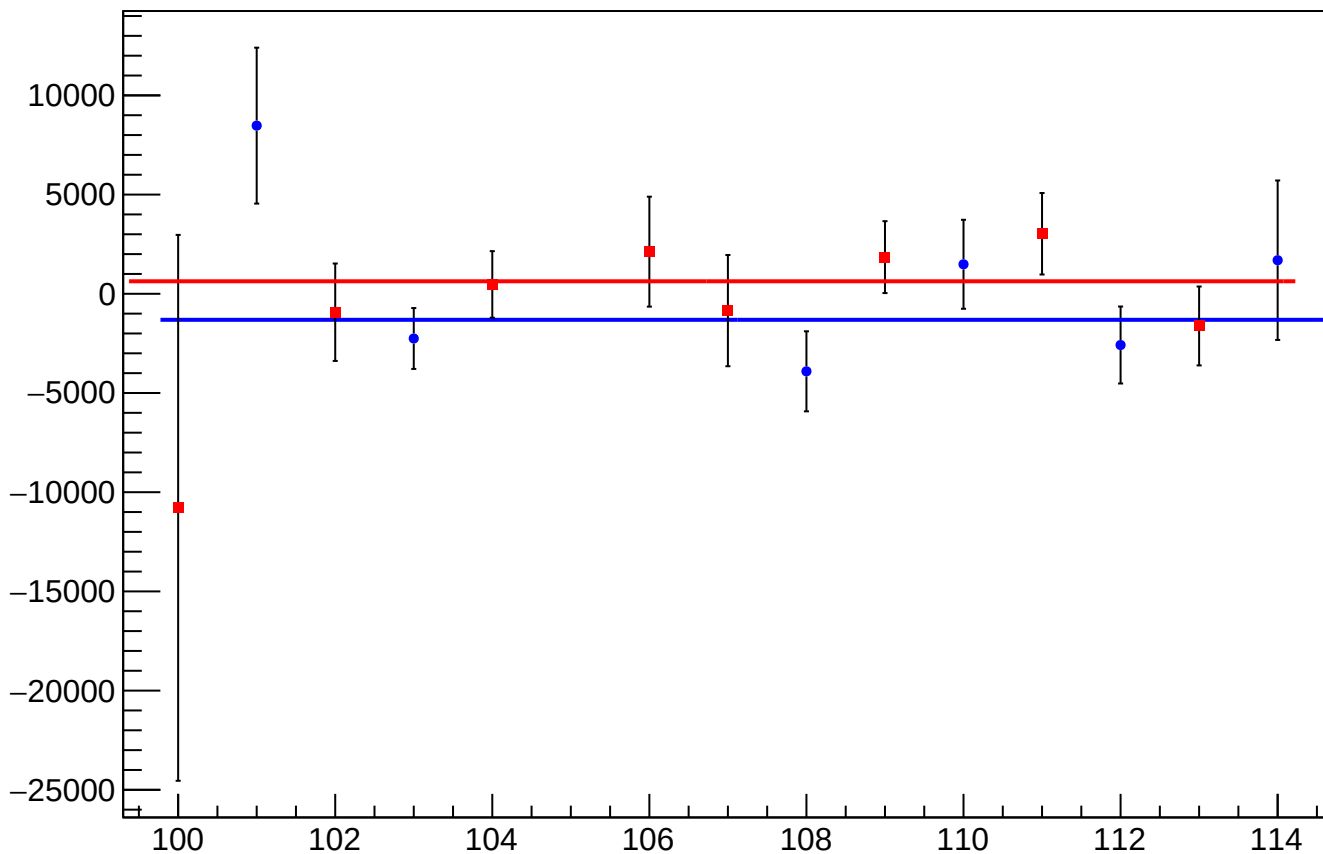
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3139.062 $\pm$ 0.946 χ^2 /NDF: 486211.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1311.104 $\pm$ 890.196 χ^2 /NDF: 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.333 $\pm$ 795.893 χ^2 /NDF: 4.8/7

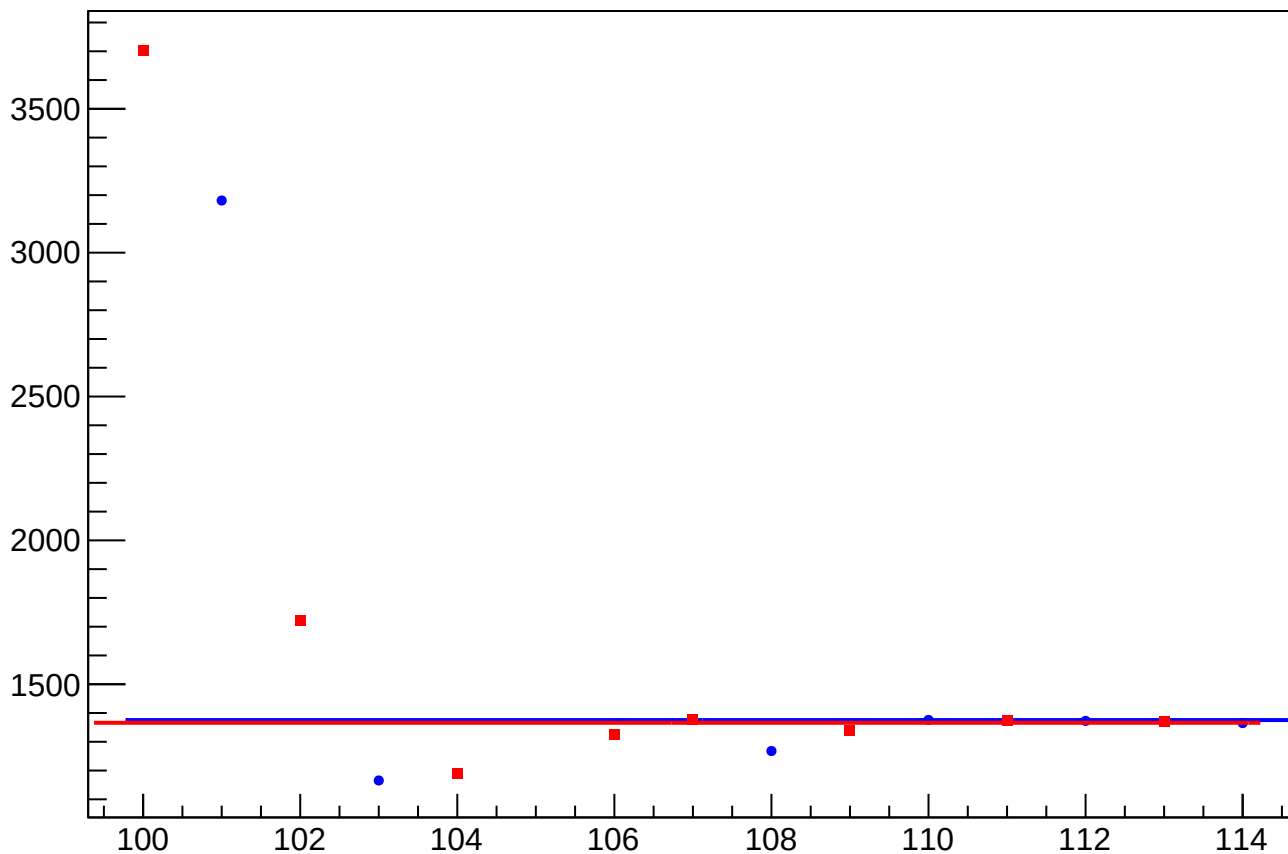
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.139 $\pm$ 593.330 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1375.457+/-0.629 χ^2/NDF : 465638.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

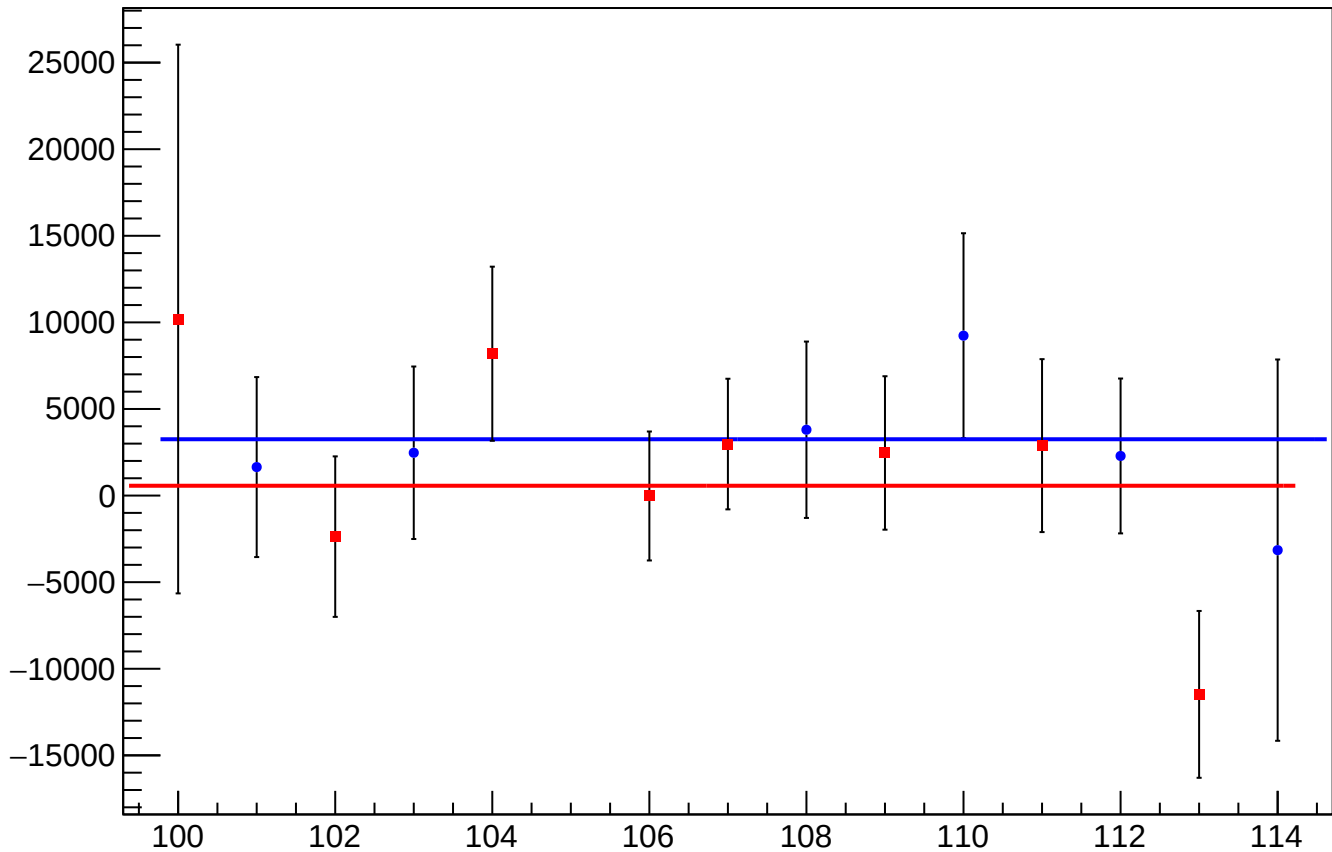
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



Right In: 3252.026 $\pm$ 2220.632 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 567.301 $\pm$ 1651.209 χ^2 /NDF: 10.2/7

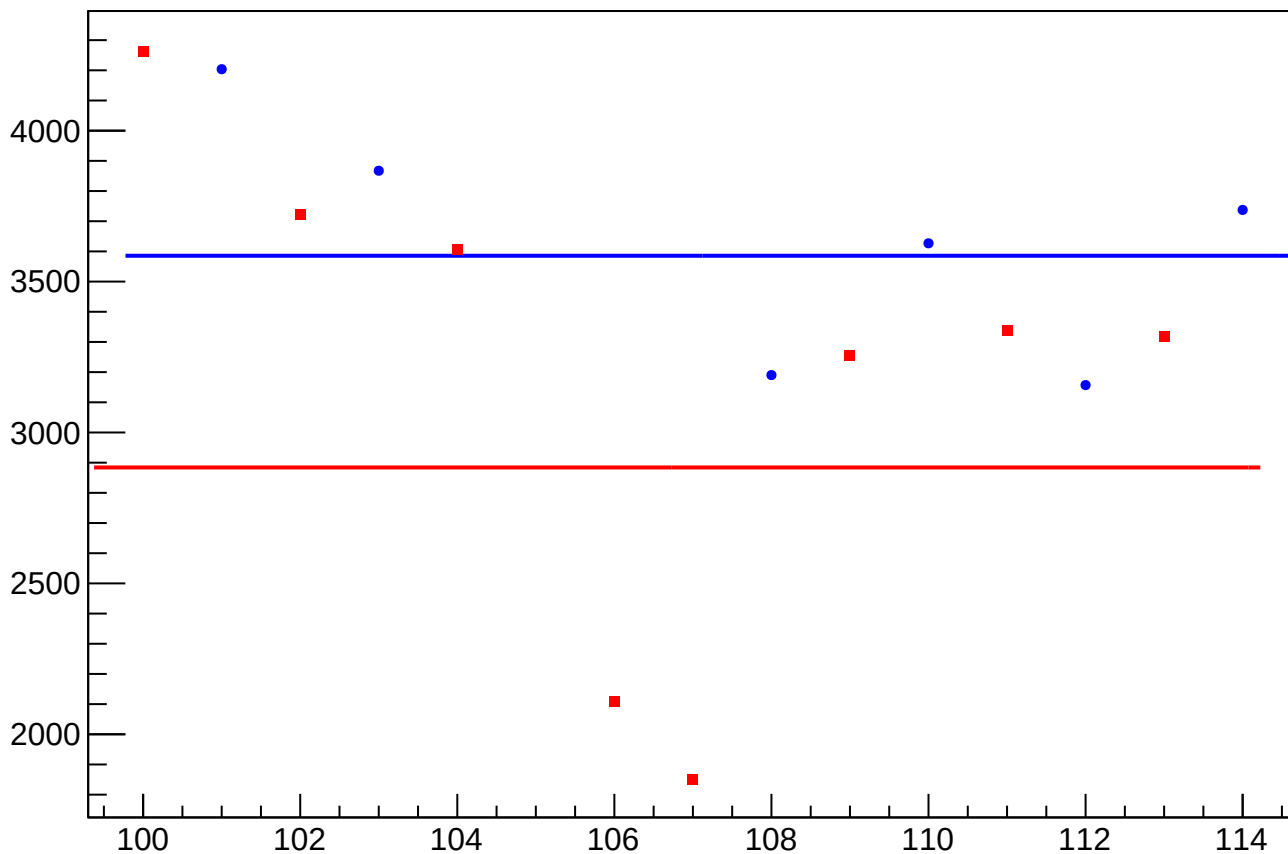
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1523.186 $\pm$ 1325.041 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3585.578+/-1.570 χ^2/NDF : 65617.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

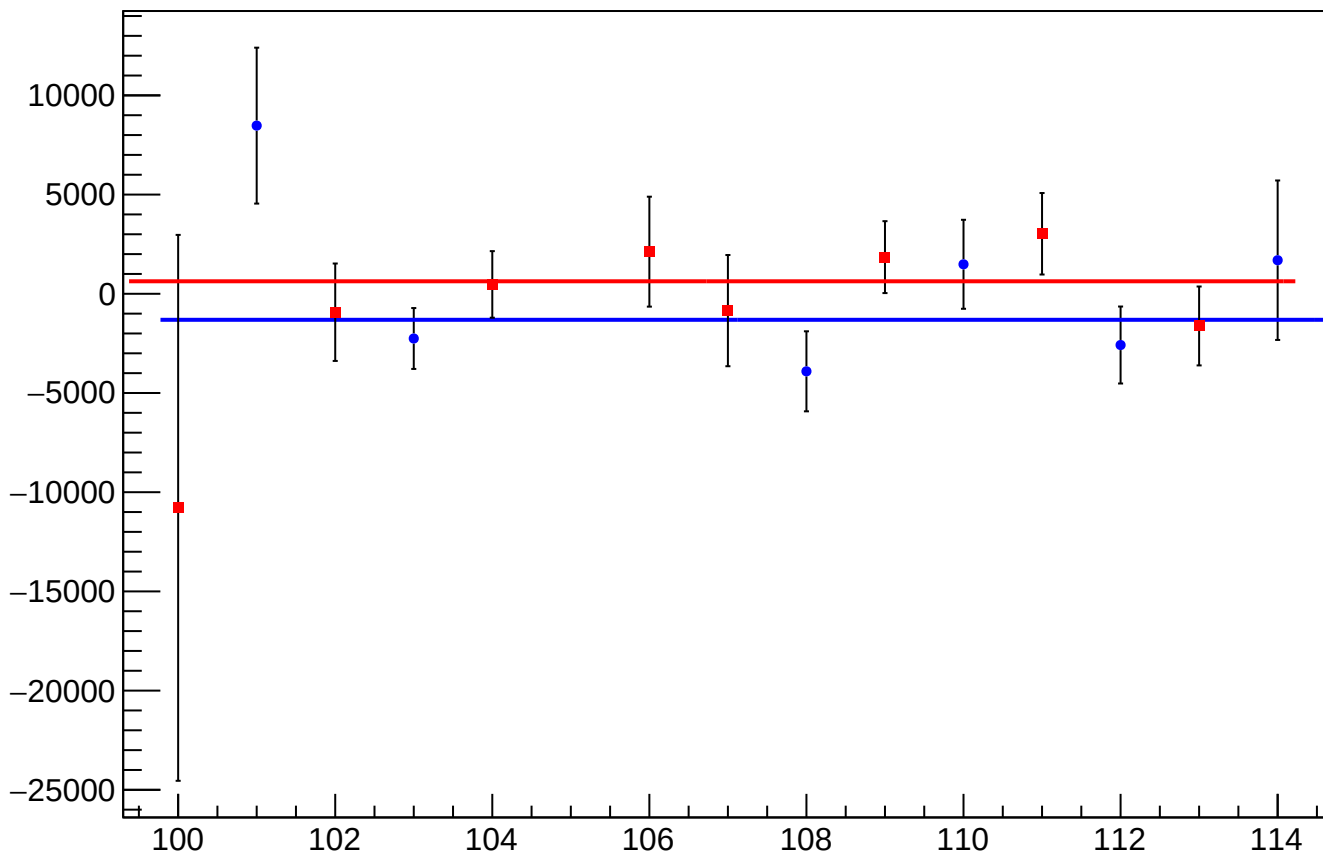
Right Out: 2884.066+/-1.168 χ^2/NDF : 406307.8/7

All: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1311.111 $\pm$ 890.196 χ^2/NDF : 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 630.343 $\pm$ 795.893 χ^2/NDF : 4.8/7

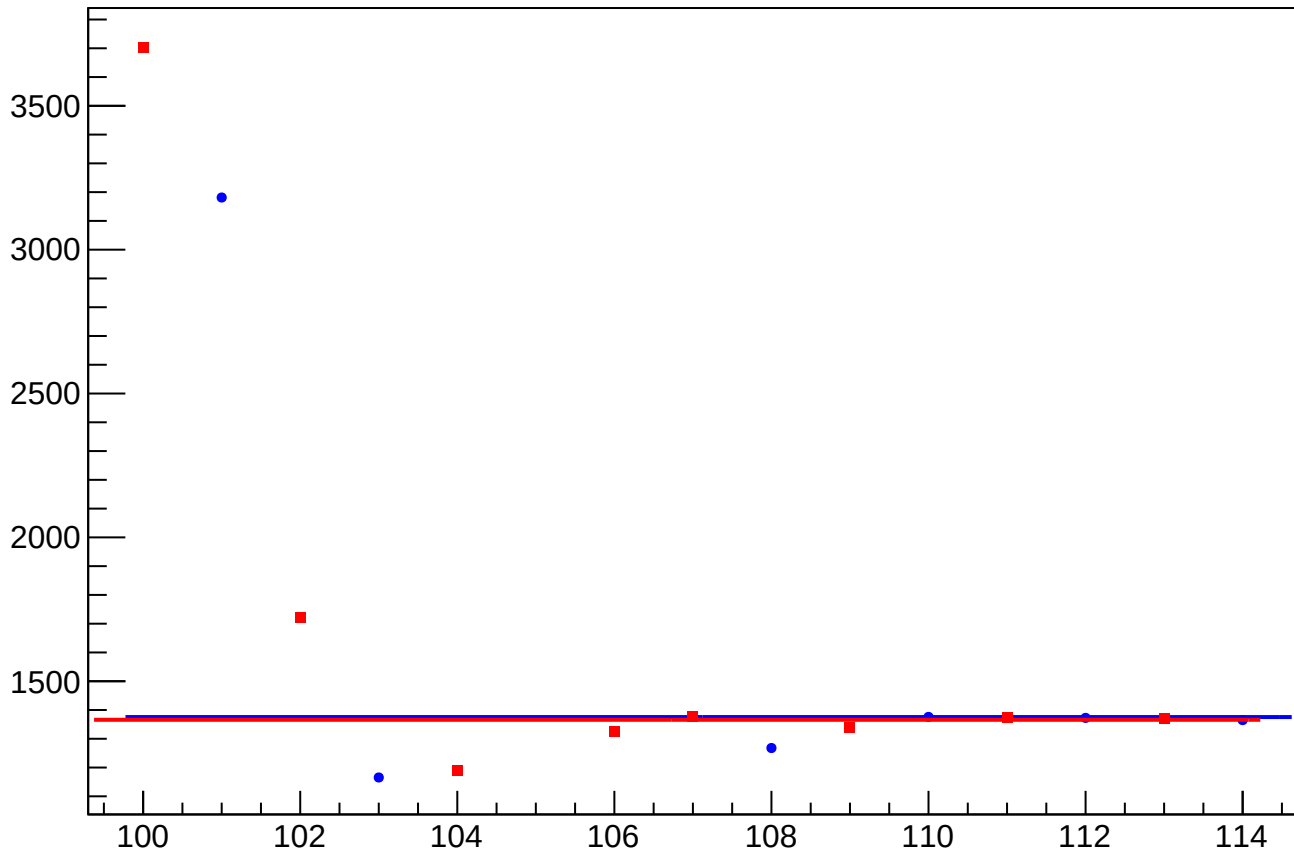
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -232.136 $\pm$ 593.330 χ^2/NDF : 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1375.457 $\pm$ 0.629 χ^2 /NDF: 465639.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1365.991 $\pm$ 0.562 χ^2 /NDF: 122488.1/7

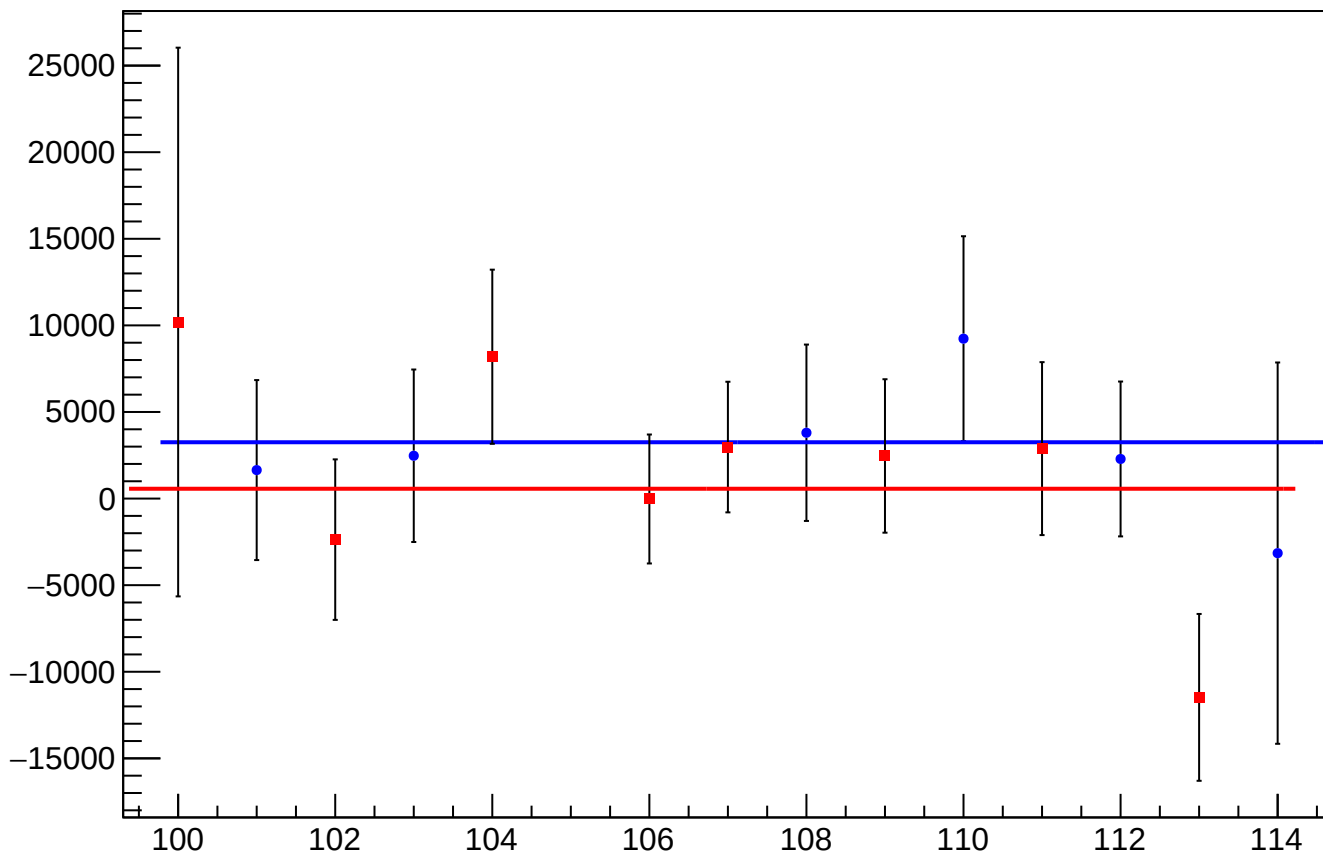
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1370.187 $\pm$ 0.419 χ^2 /NDF: 588253.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 3252.024+/-2220.628 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.306+/-1651.206 χ^2/NDF : 10.2/7

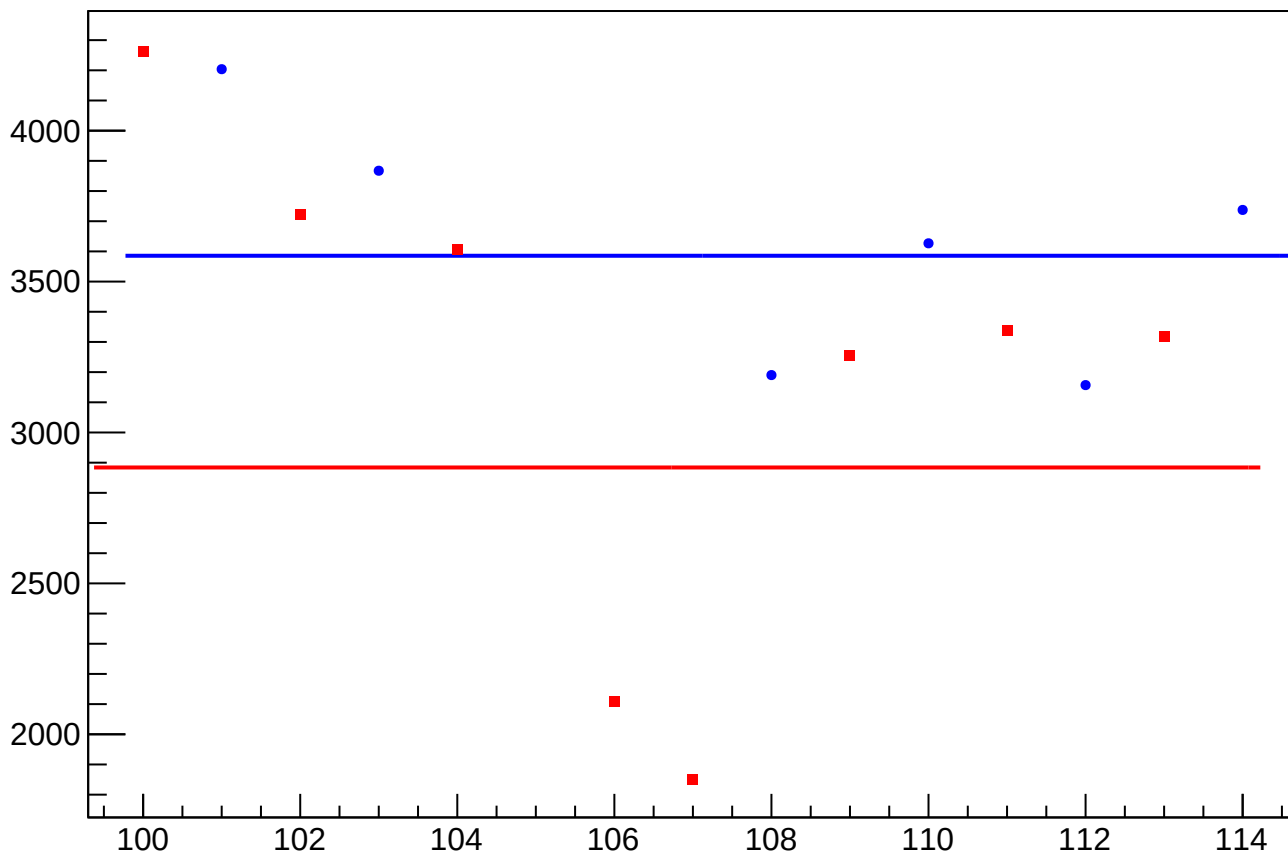
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.188+/-1325.039 χ^2/NDF : 12.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 3585.572 $\pm$ 1.570 χ^2 /NDF: 65618.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2884.060 $\pm$ 1.168 χ^2 /NDF: 406310.4/7

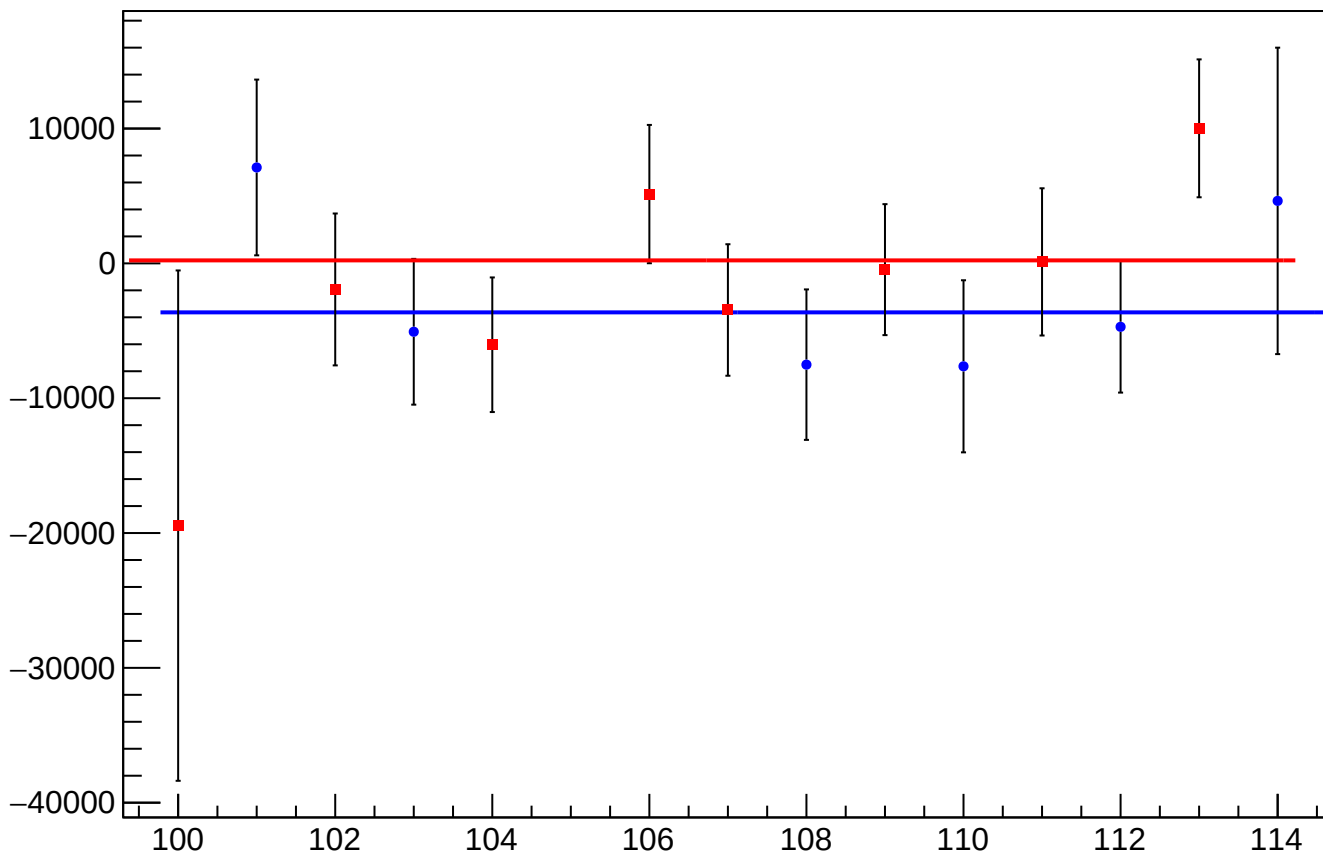
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3133.831 $\pm$ 0.937 χ^2 /NDF: 600458.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -3633.662±/2467.984 χ^2/NDF : 4.2/5

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 221.731±/1929.250 χ^2/NDF : 8.0/7

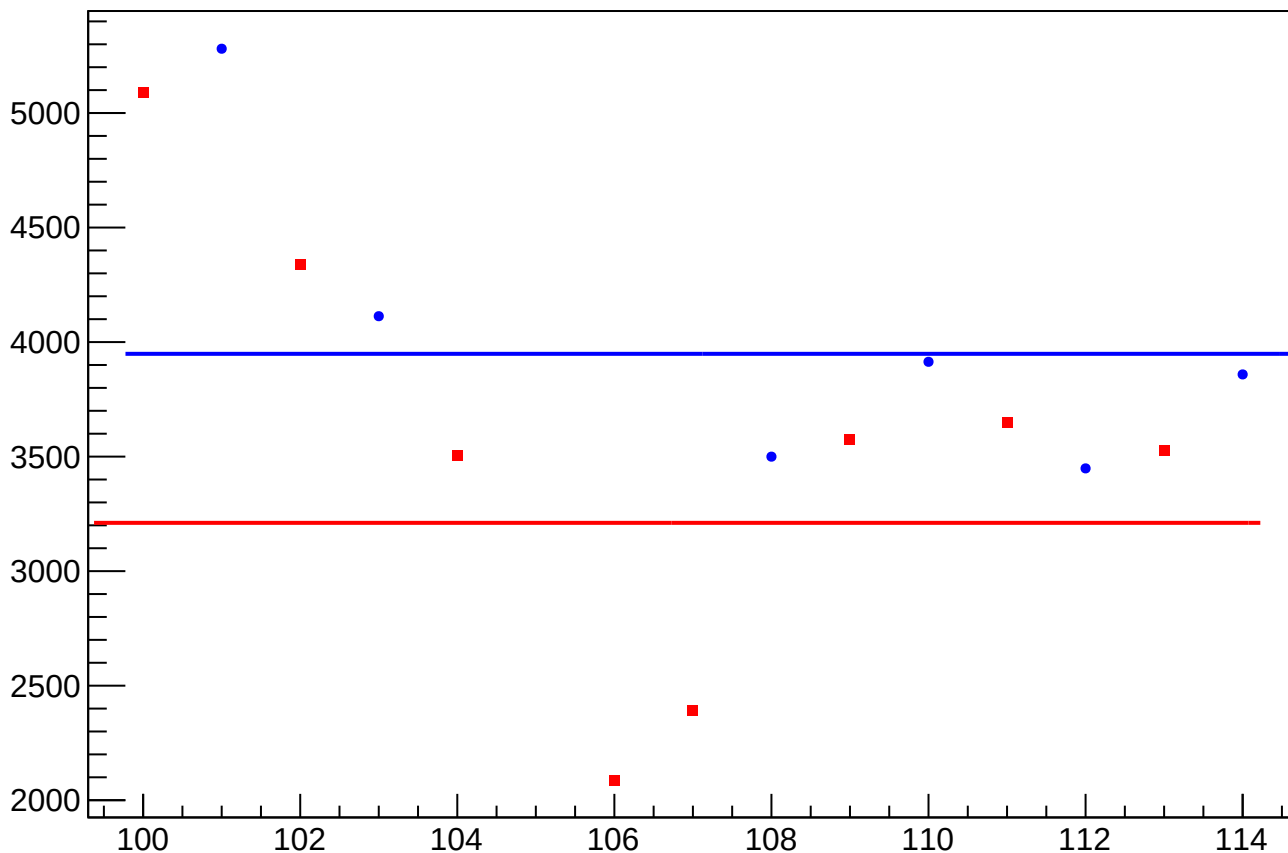
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -1240.601±/1519.956 χ^2/NDF : 13.7/13

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3948.725+/-1.745 χ^2/NDF : 119507.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3210.851+/-1.326 χ^2/NDF : 329634.4/7

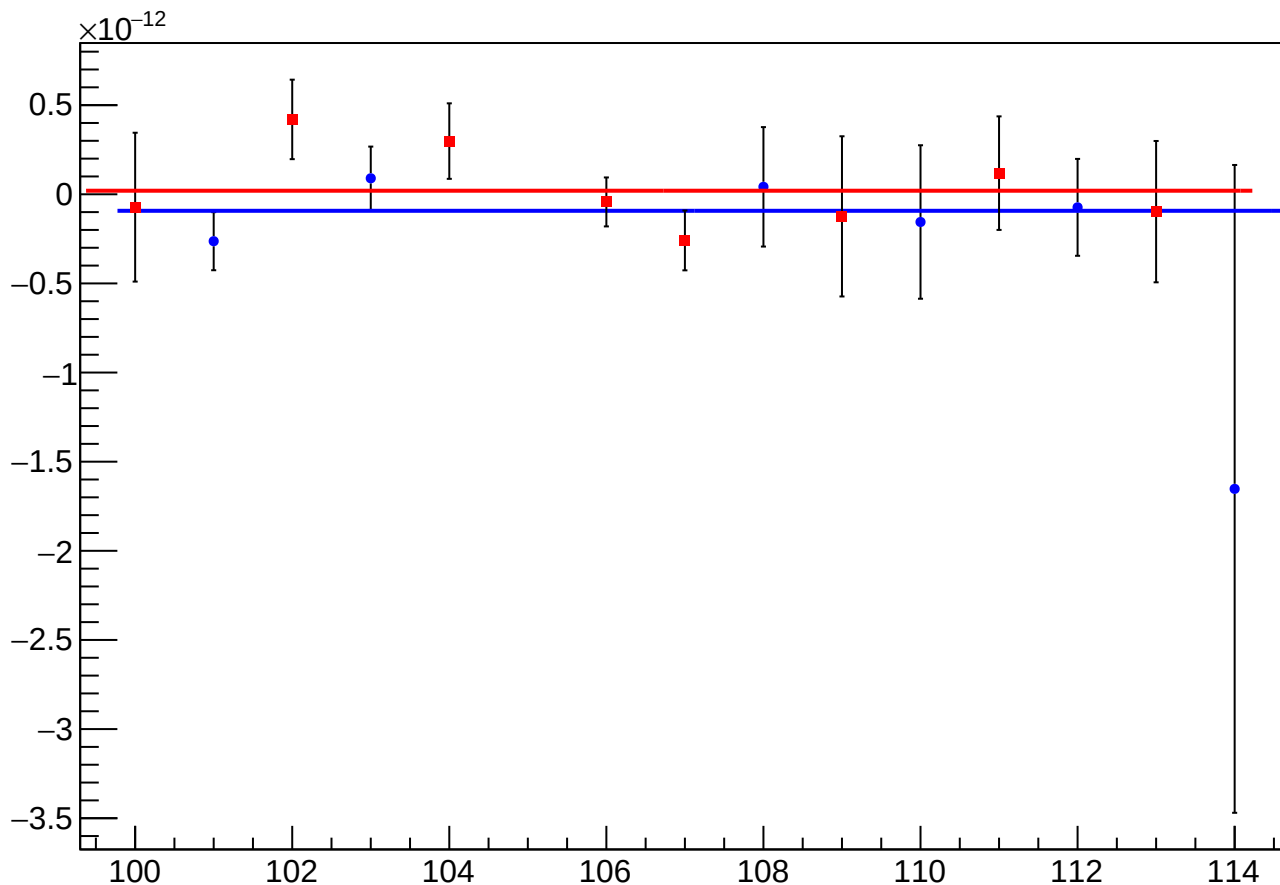
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/7

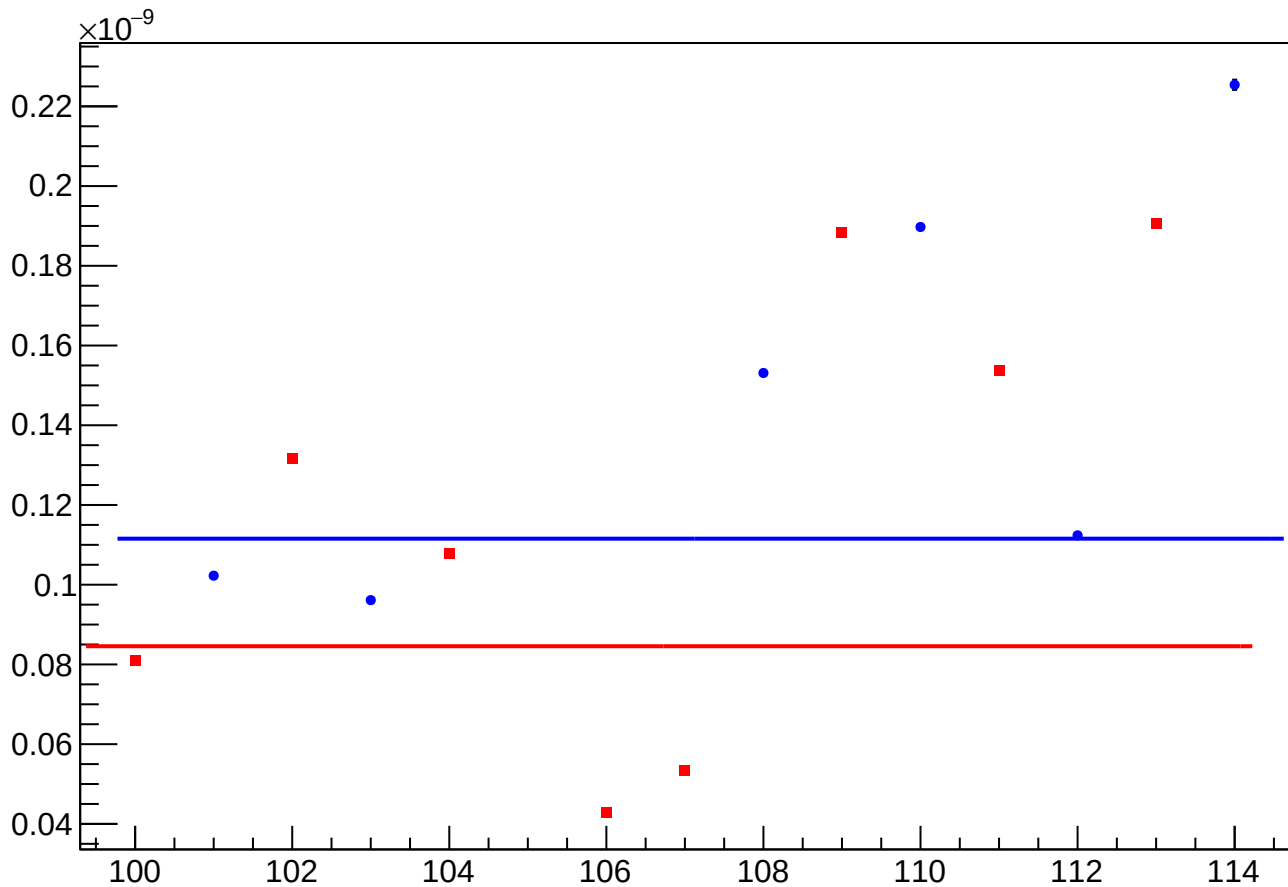
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 126180.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 710553.9/7

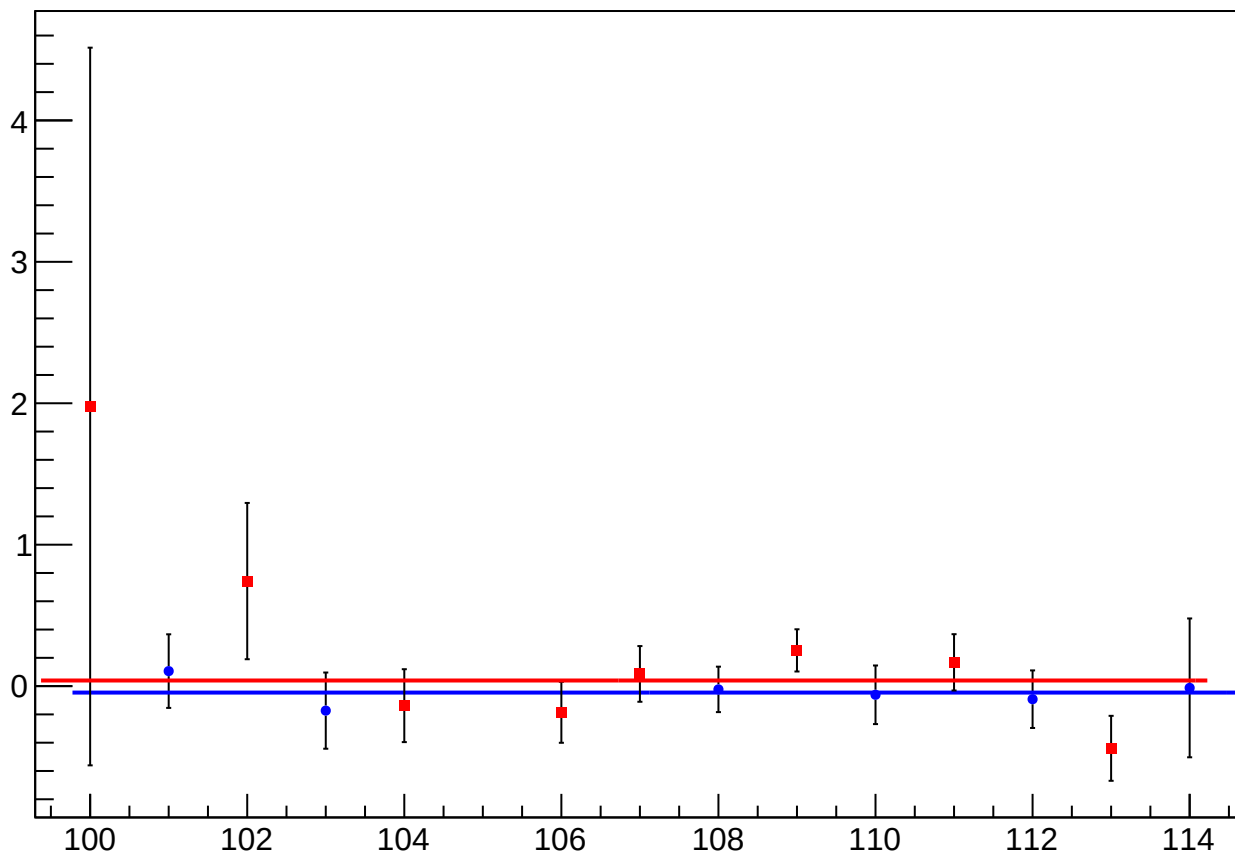
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 924478.5/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.040 ± 0.080 χ^2/NDF : 10.6/7

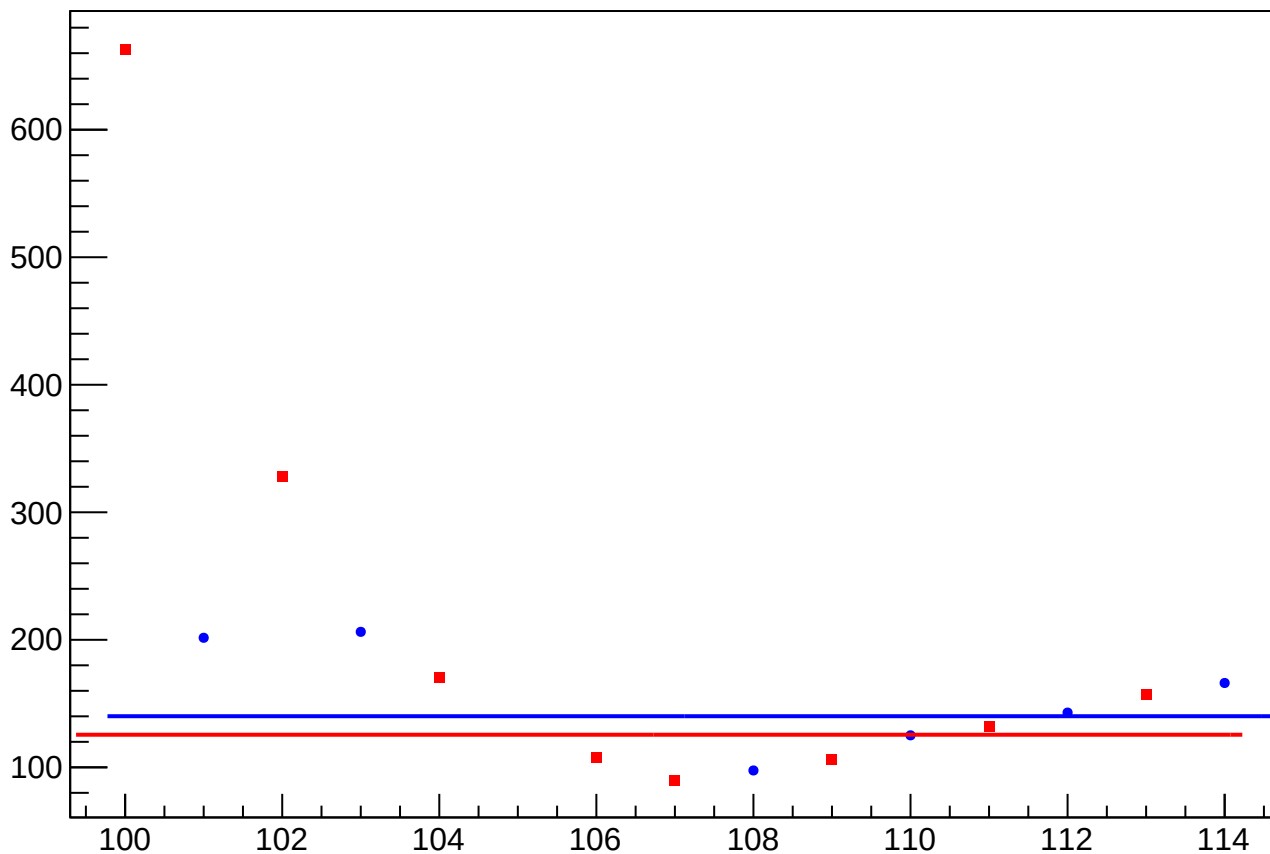
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.060 χ^2/NDF : 11.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 140.090 $\pm$ 0.065 χ^2 /NDF: 389015.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.574 $\pm$ 0.057 χ^2 /NDF: 572839.9/7

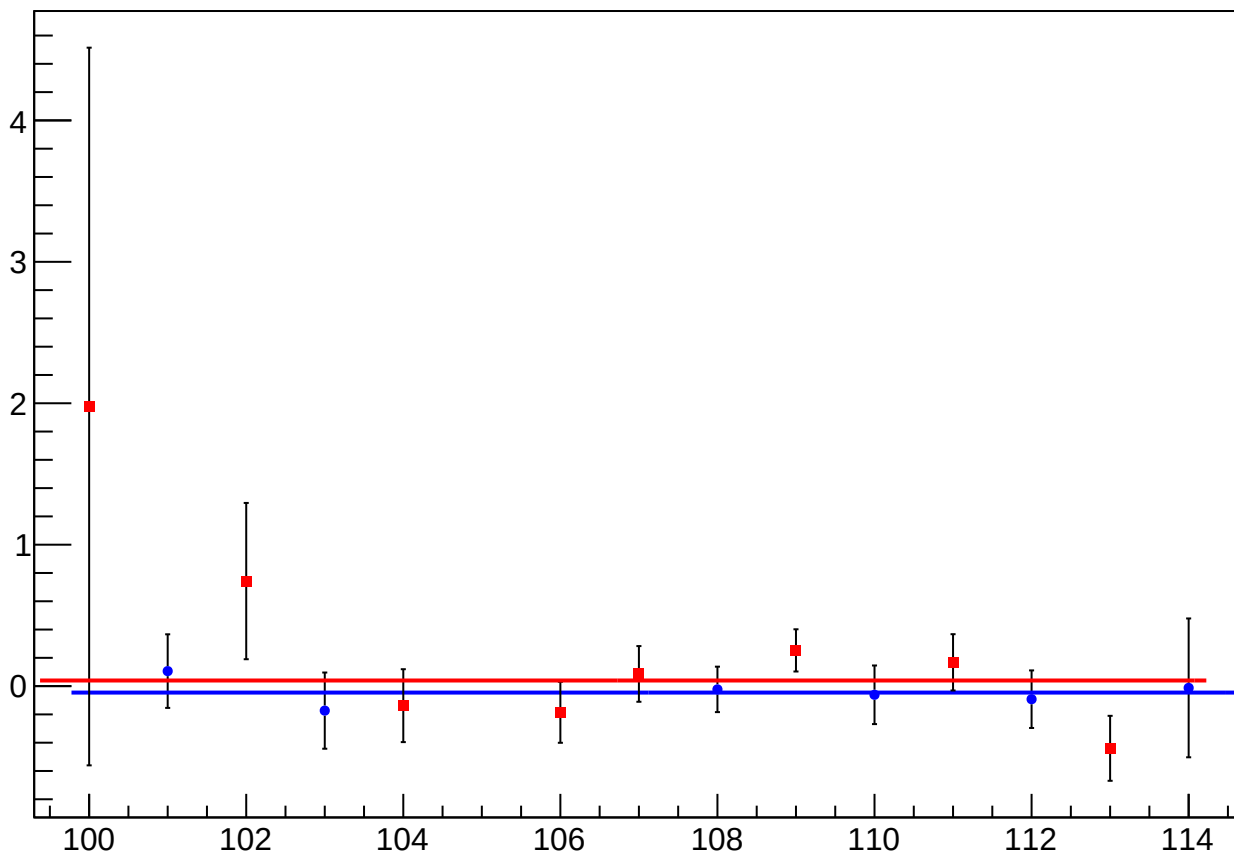
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.877 $\pm$ 0.043 χ^2 /NDF: 990196.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.040 ± 0.080 χ^2/NDF : 10.6/7

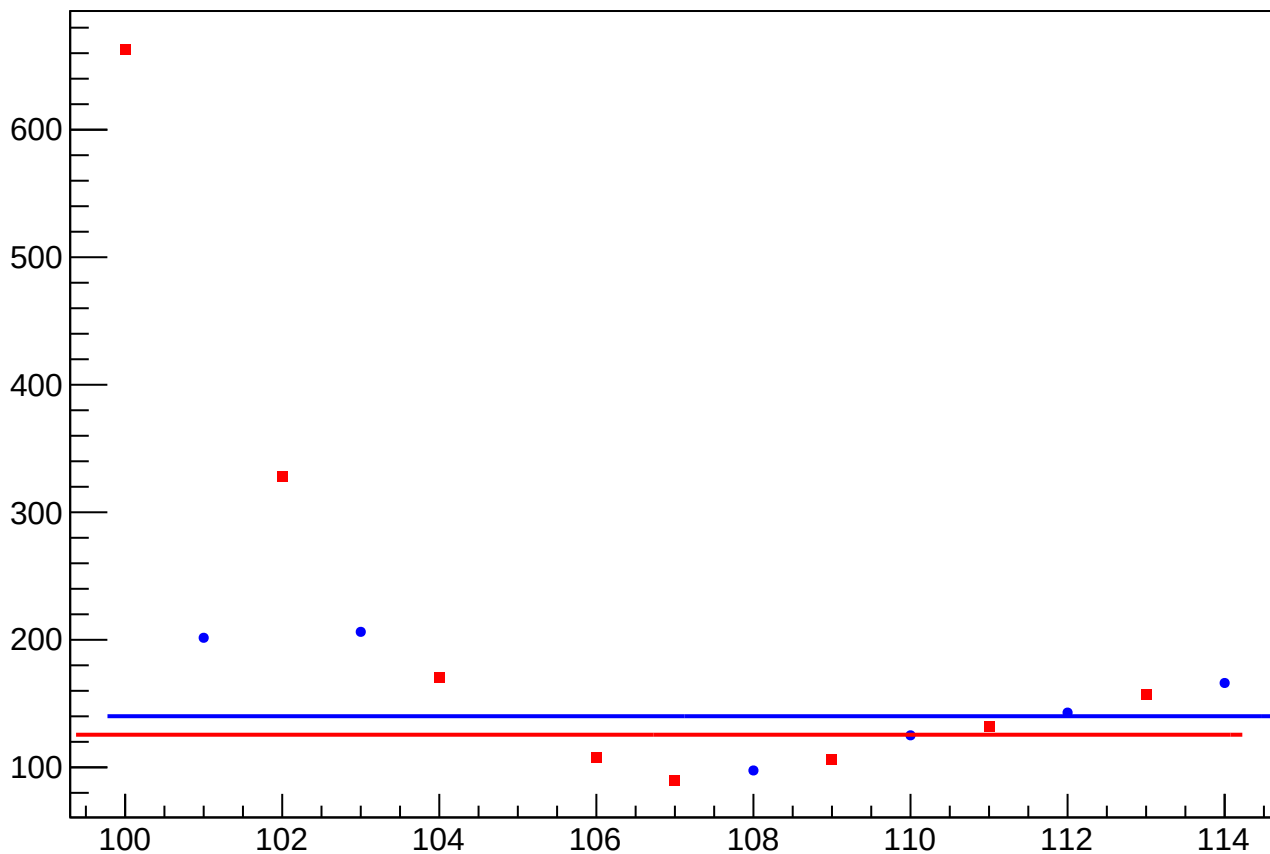
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.060 χ^2/NDF : 11.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.574+/-0.057 χ^2/NDF : 572839.9/7

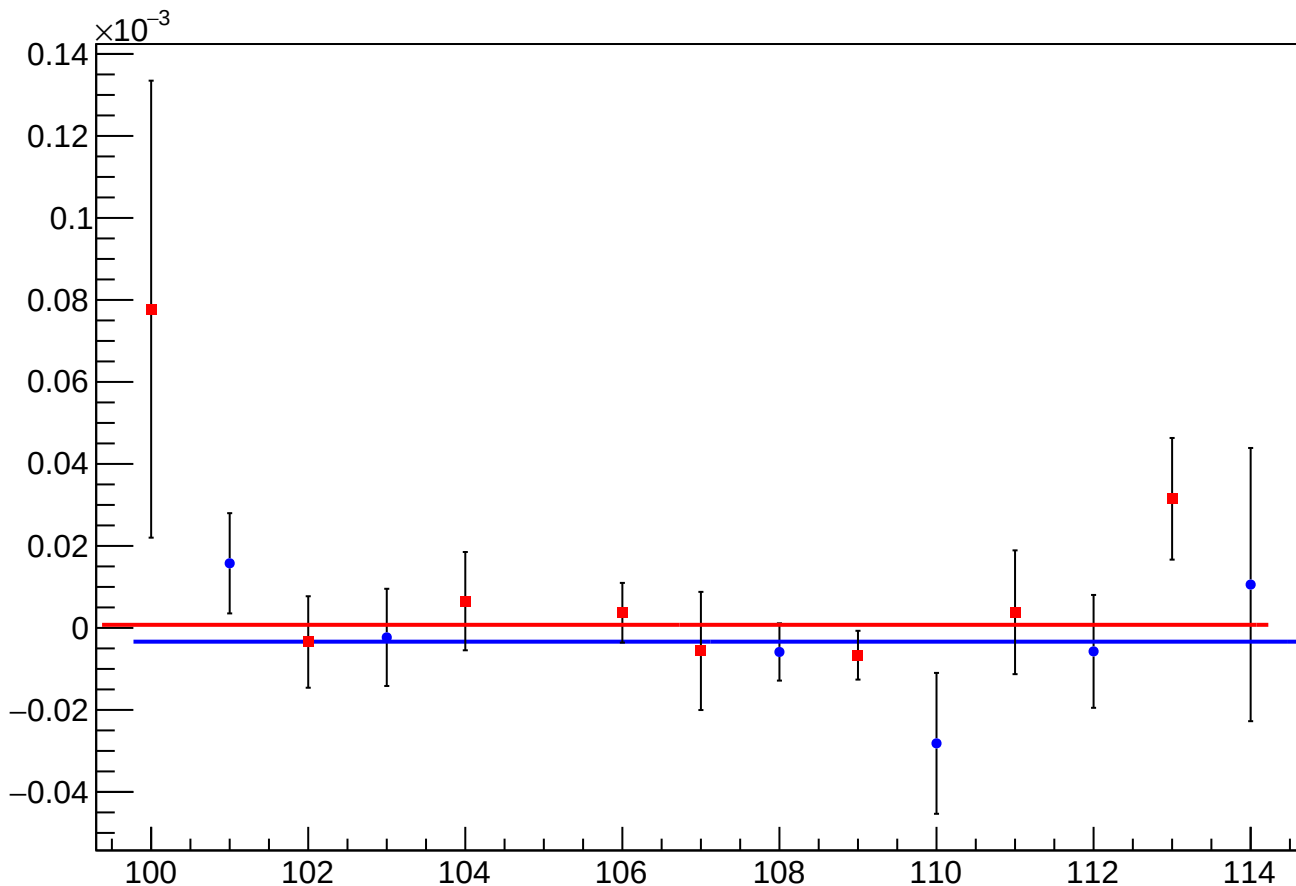
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

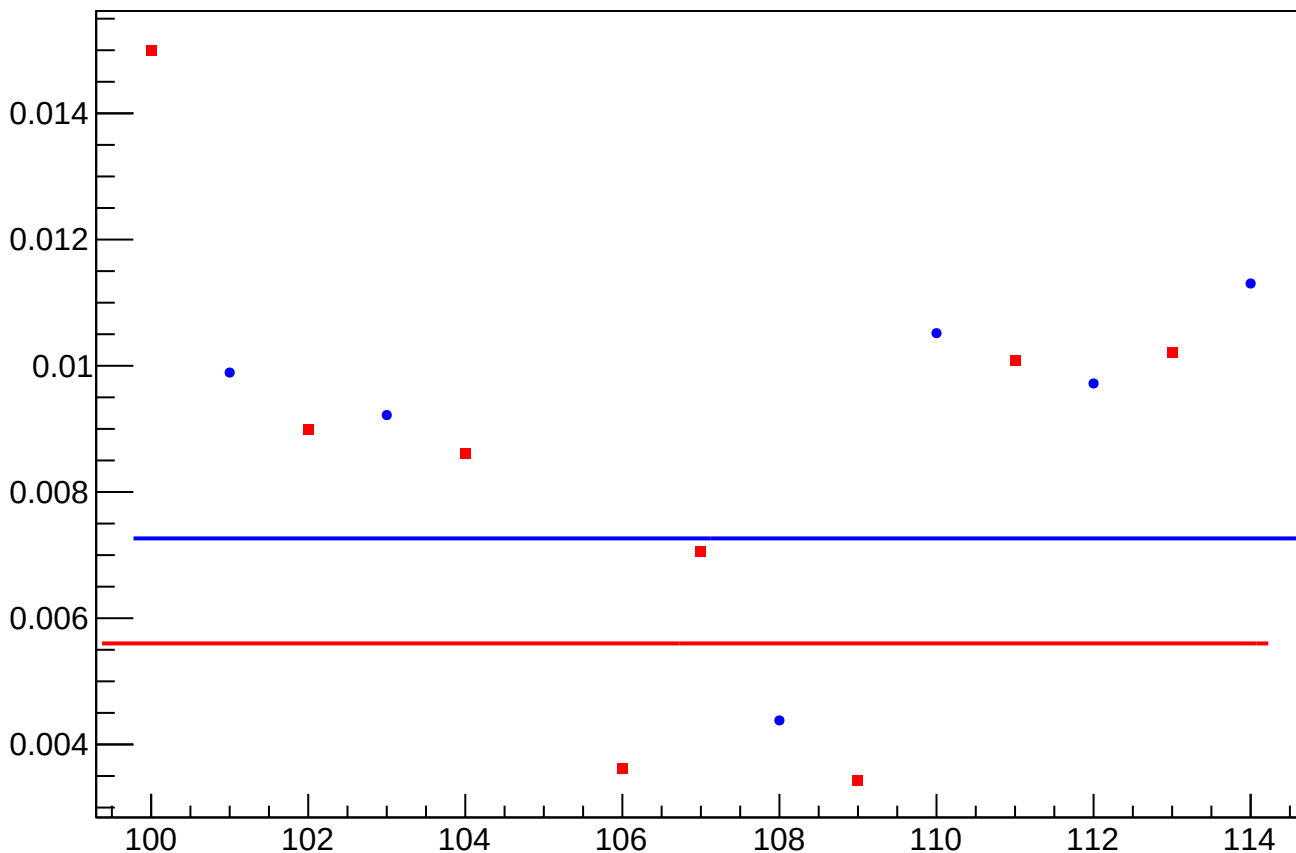
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 652407.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 1173624.1/7

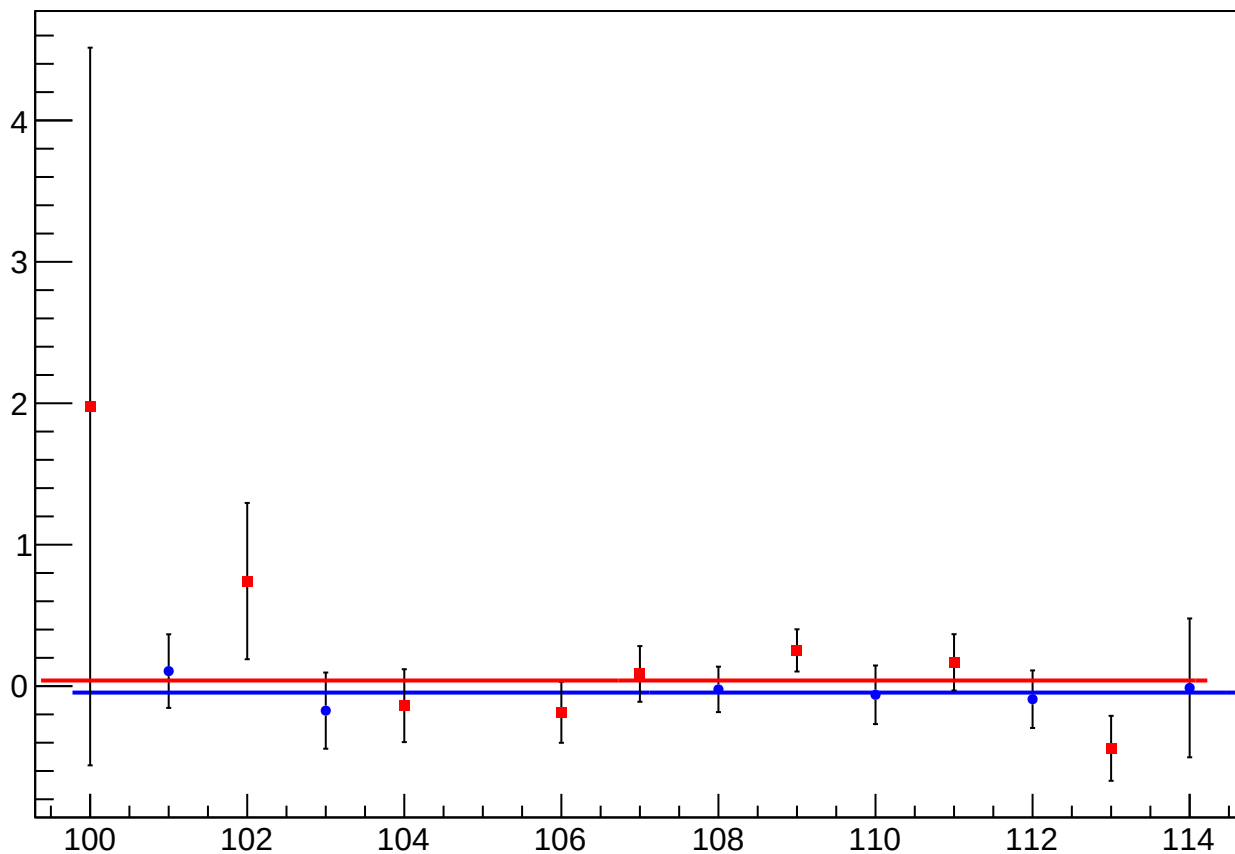
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 1980140.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.040 ± 0.080 χ^2/NDF : 10.6/7

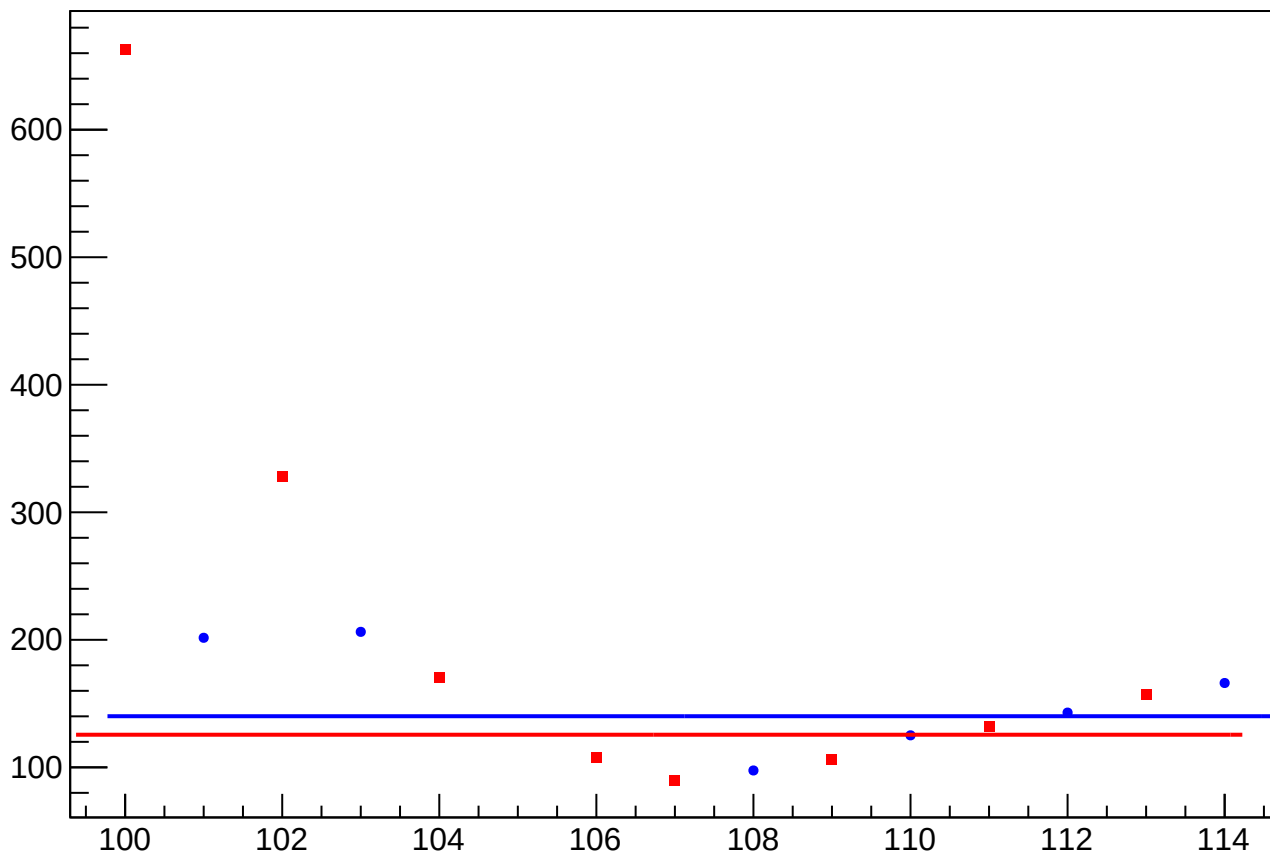
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.060 χ^2/NDF : 11.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.576+/-0.057 χ^2/NDF : 572795.4/7

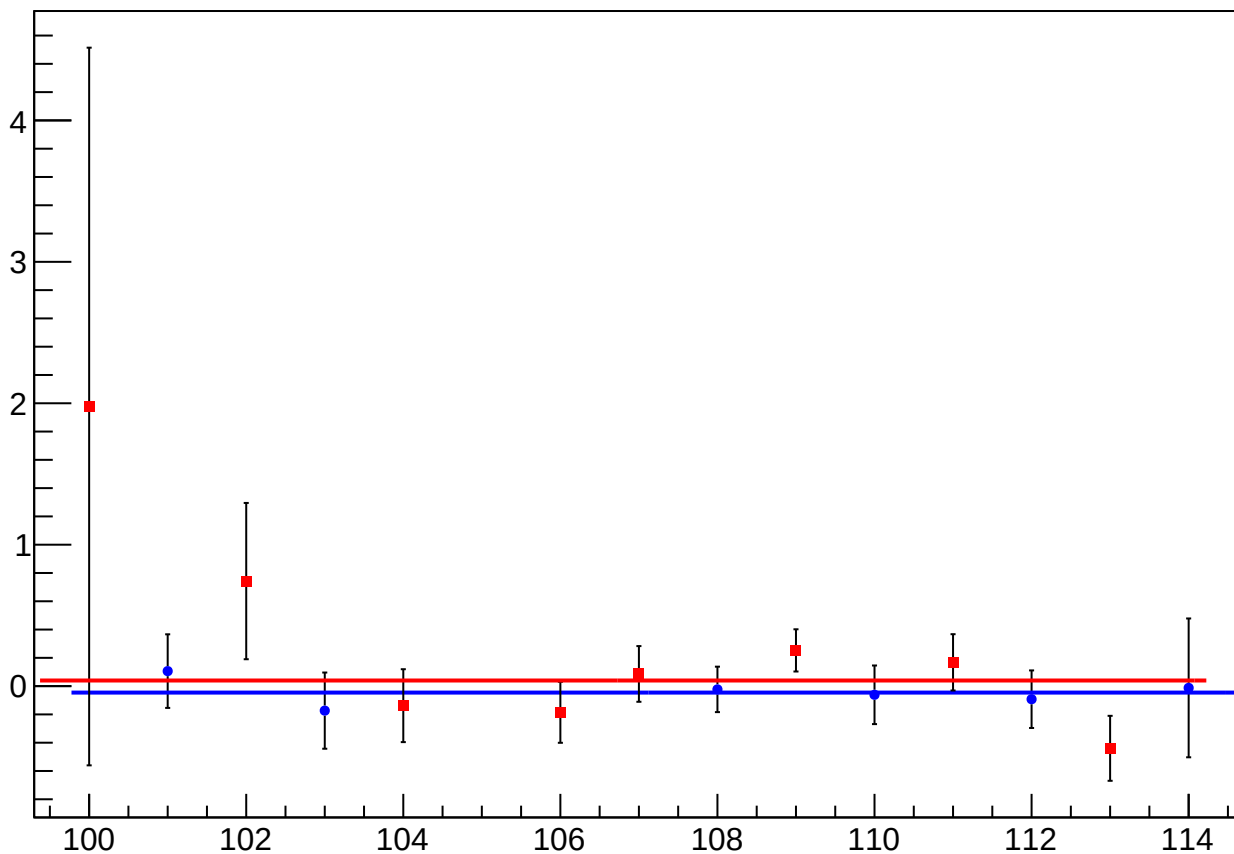
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 $\chi^2/\text{NDF}: 0.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.040 ± 0.080 $\chi^2/\text{NDF}: 10.6/7$

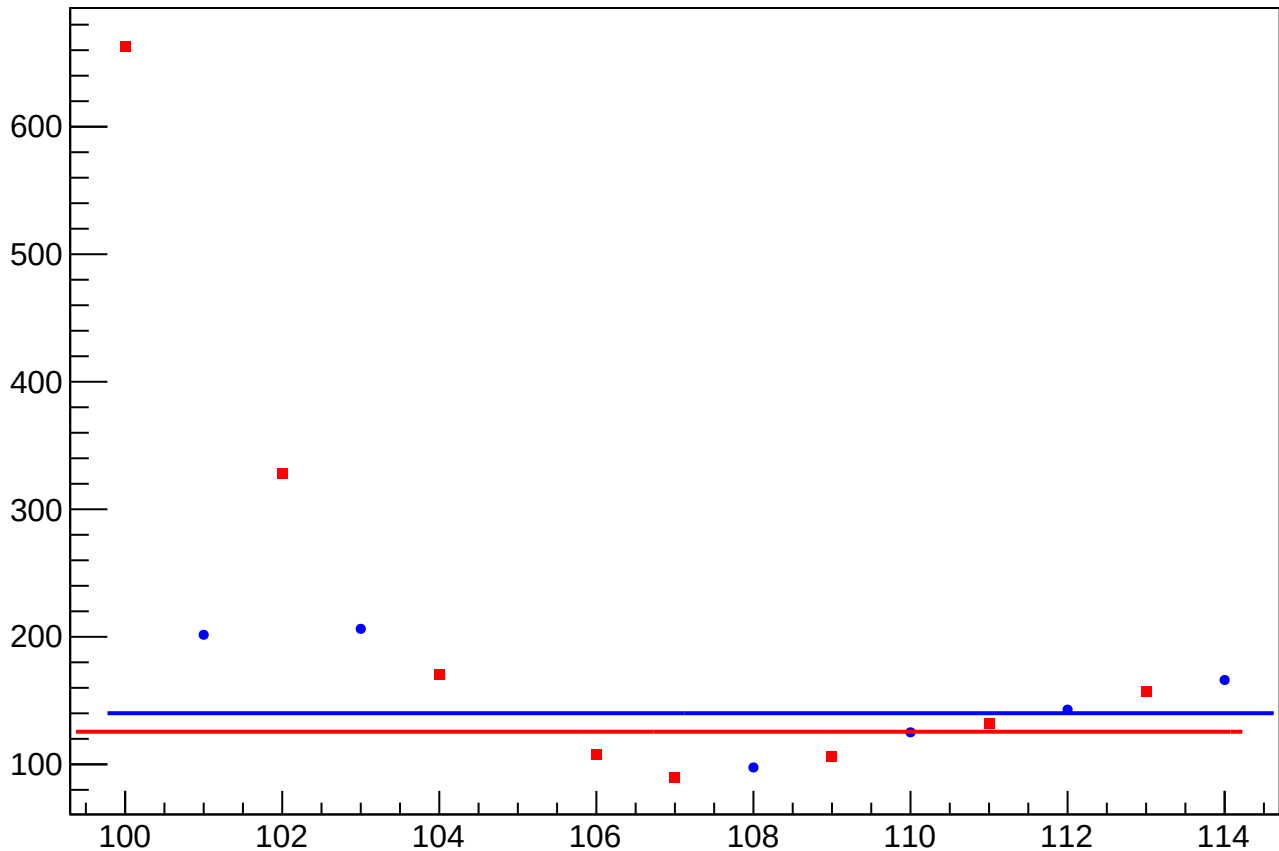
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.003 ± 0.060 $\chi^2/\text{NDF}: 11.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.576+/-0.057 χ^2/NDF : 572795.4/7

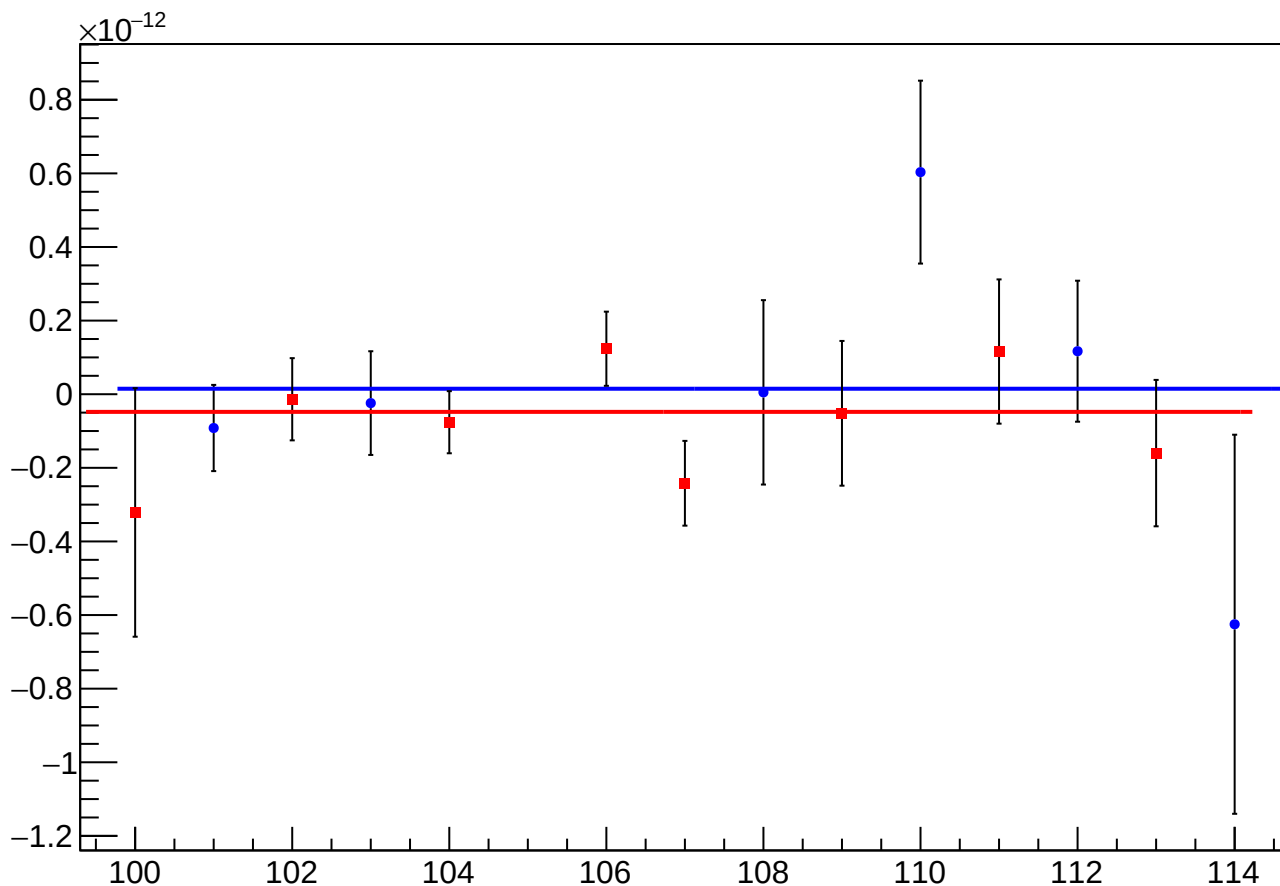
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/7

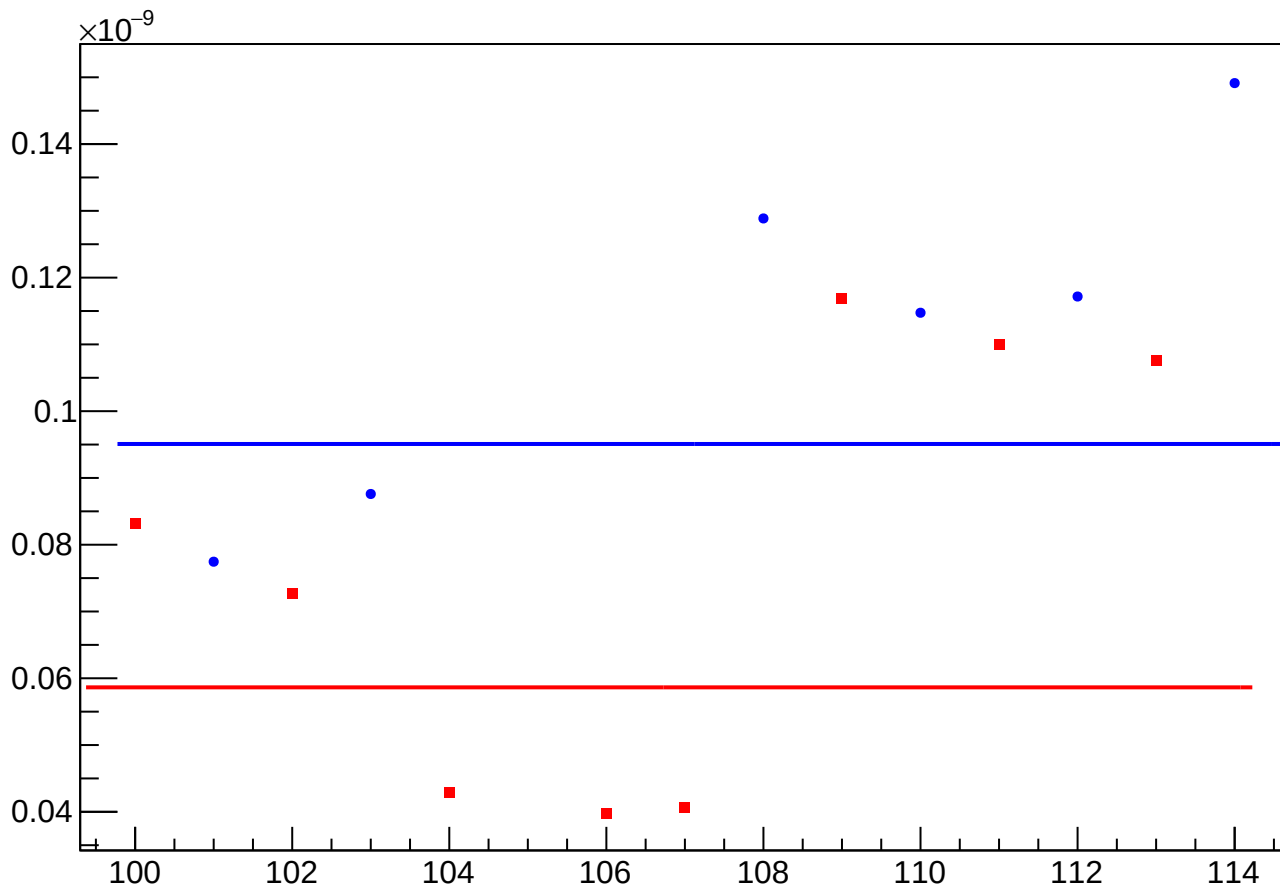
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 148447.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 665210.1/7

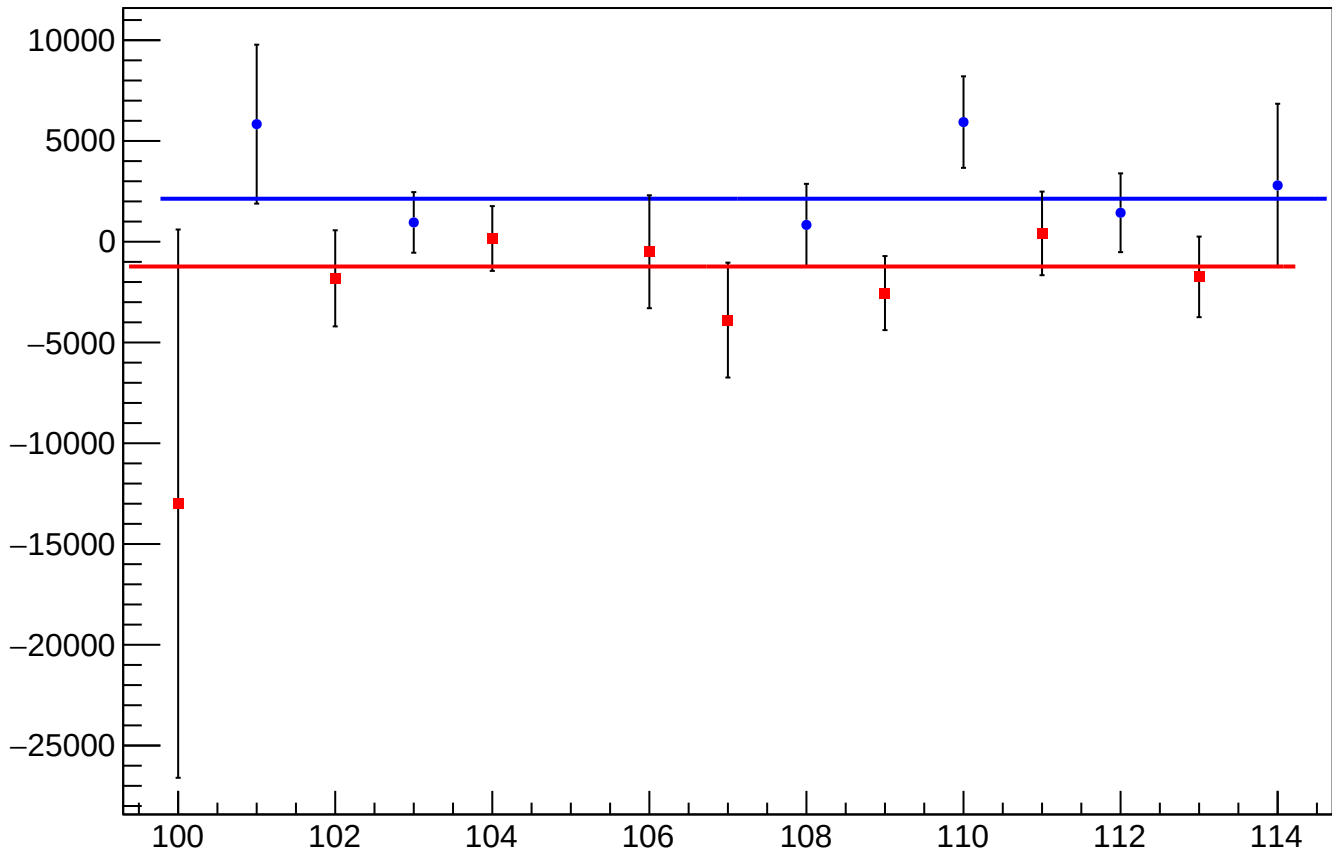
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1170533.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2133.363+/-889.483 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1230.211+/-791.095 χ^2/NDF : 3.7/7

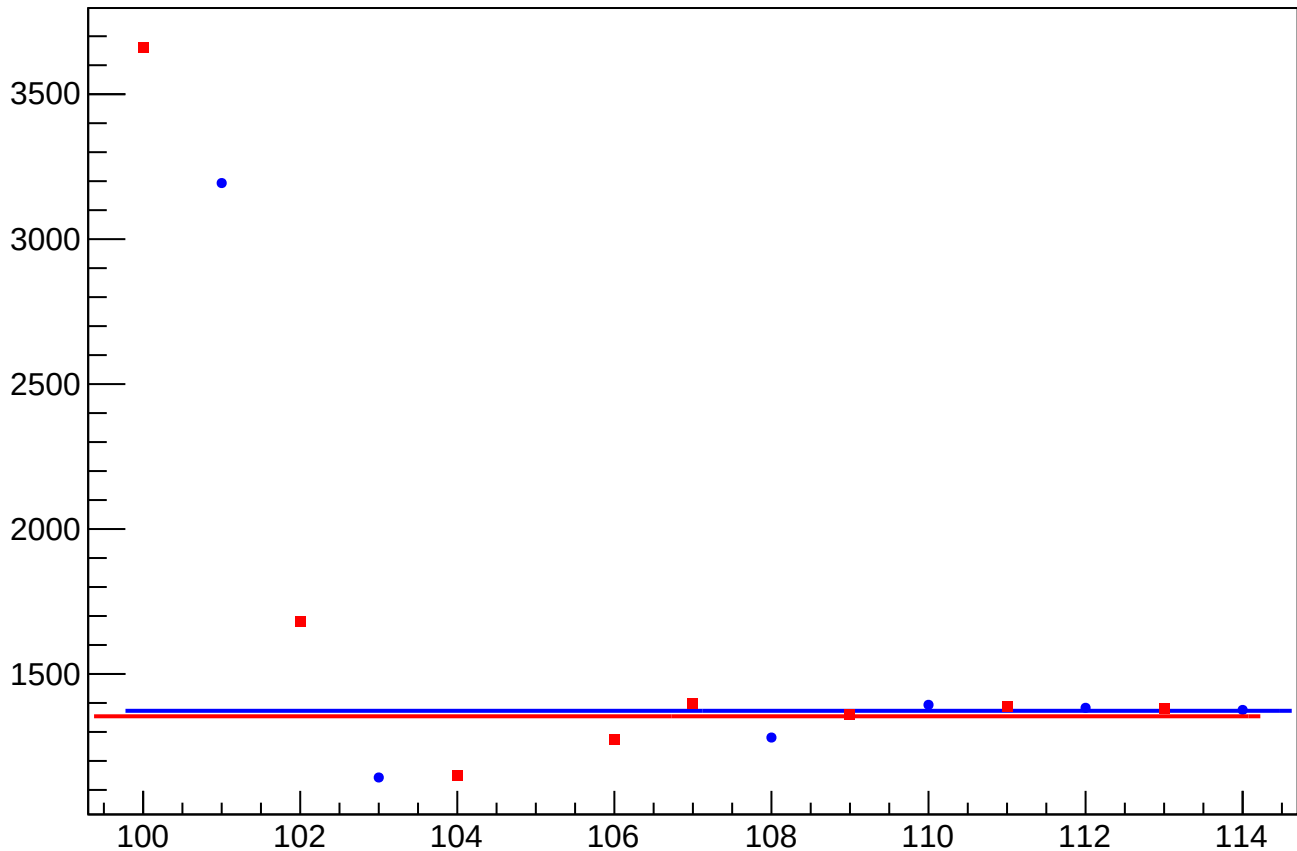
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.332+/-591.126 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1372.946 $\pm$ 0.629 χ^2 /NDF: 477427.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.006 $\pm$ 0.556 χ^2 /NDF: 130350.7/7

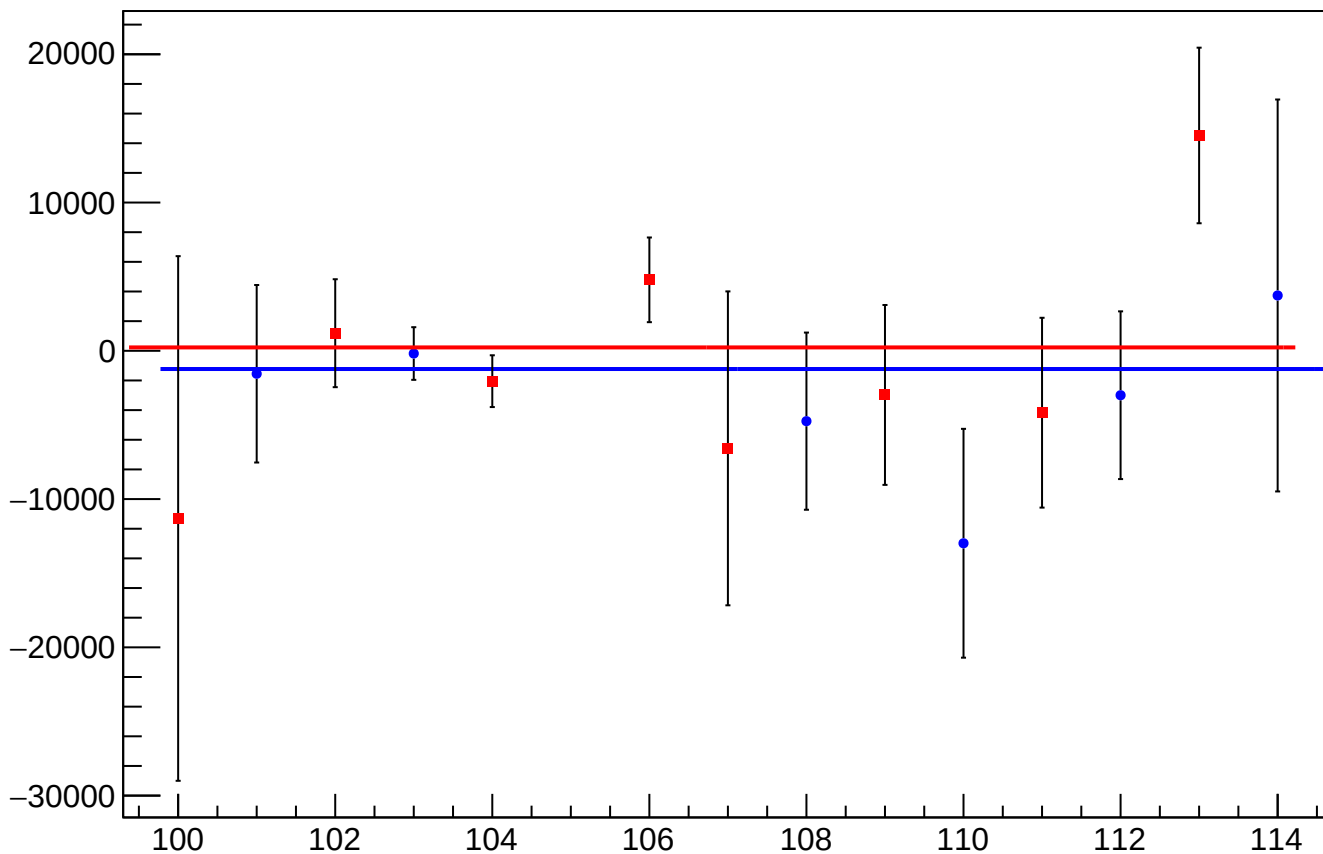
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1362.307 $\pm$ 0.416 χ^2 /NDF: 608287.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



Right In: -1227.889+/-1530.380 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.770+/-1271.761 χ^2/NDF : 11.7/7

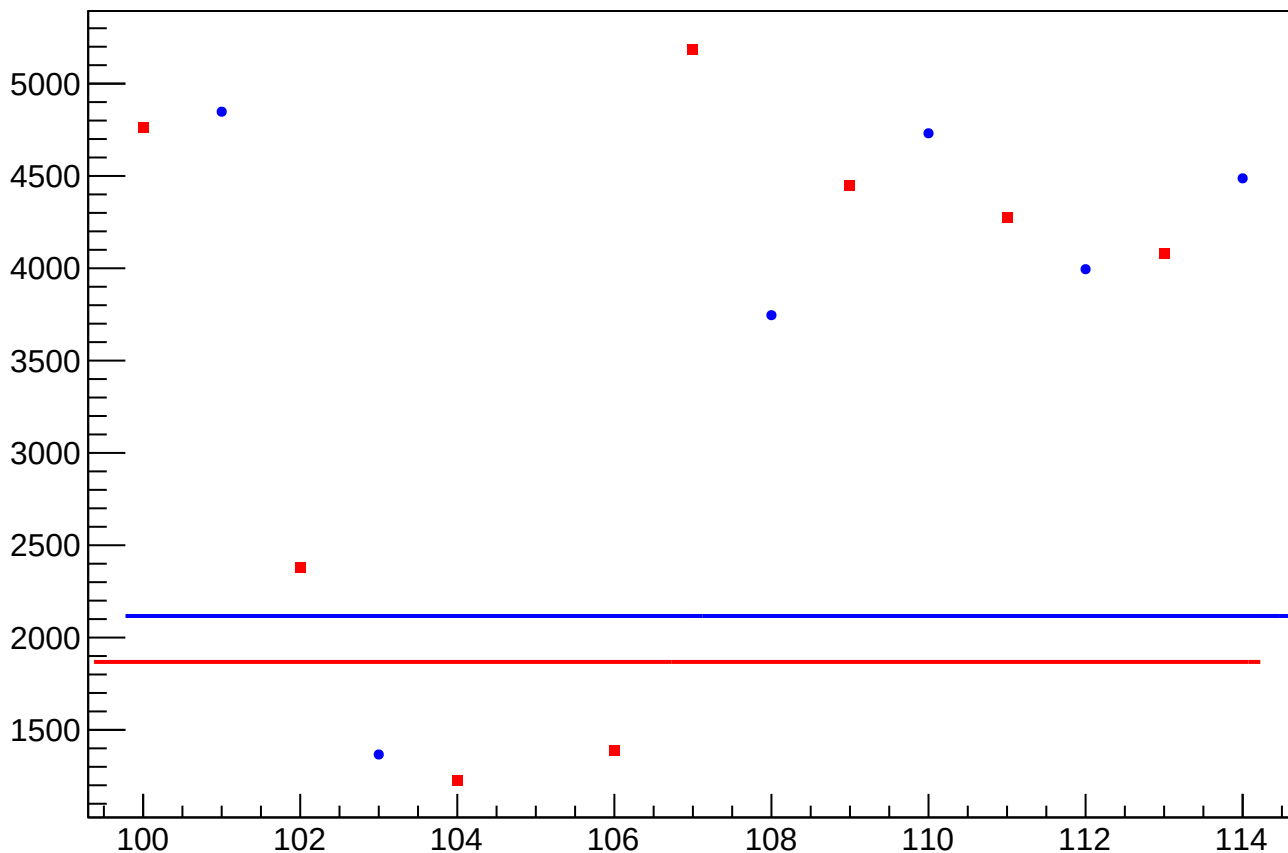
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.255+/-978.111 χ^2/NDF : 15.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



Right In: 2116.939+/-1.082 χ^2/NDF : 1436438.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

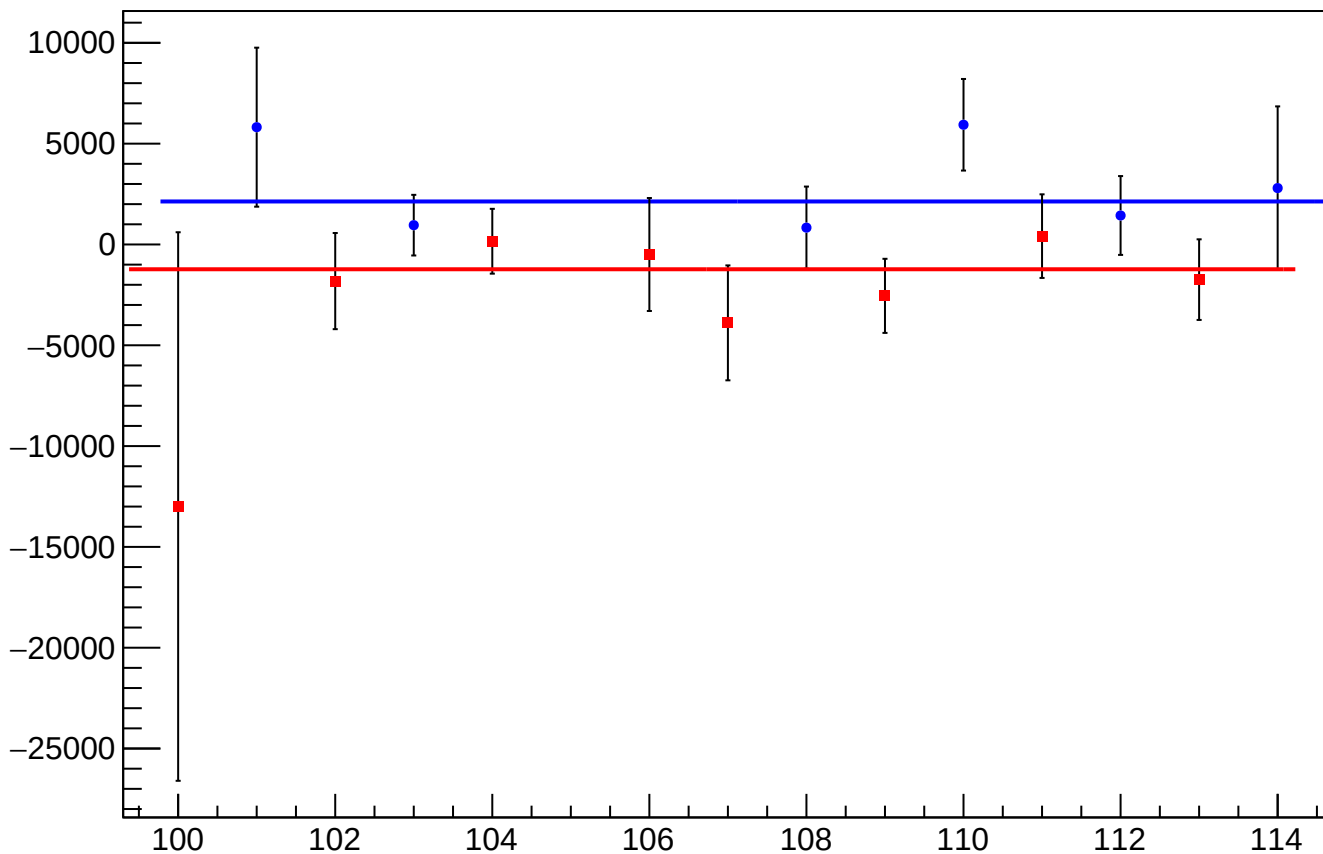
Right Out: 1868.044+/-0.899 χ^2/NDF : 1541040.3/7

All: 1969.714+/-0.692 χ^2/NDF : 3008770.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2132.659+/-889.483 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1229.810+/-791.096 χ^2/NDF : 3.7/7

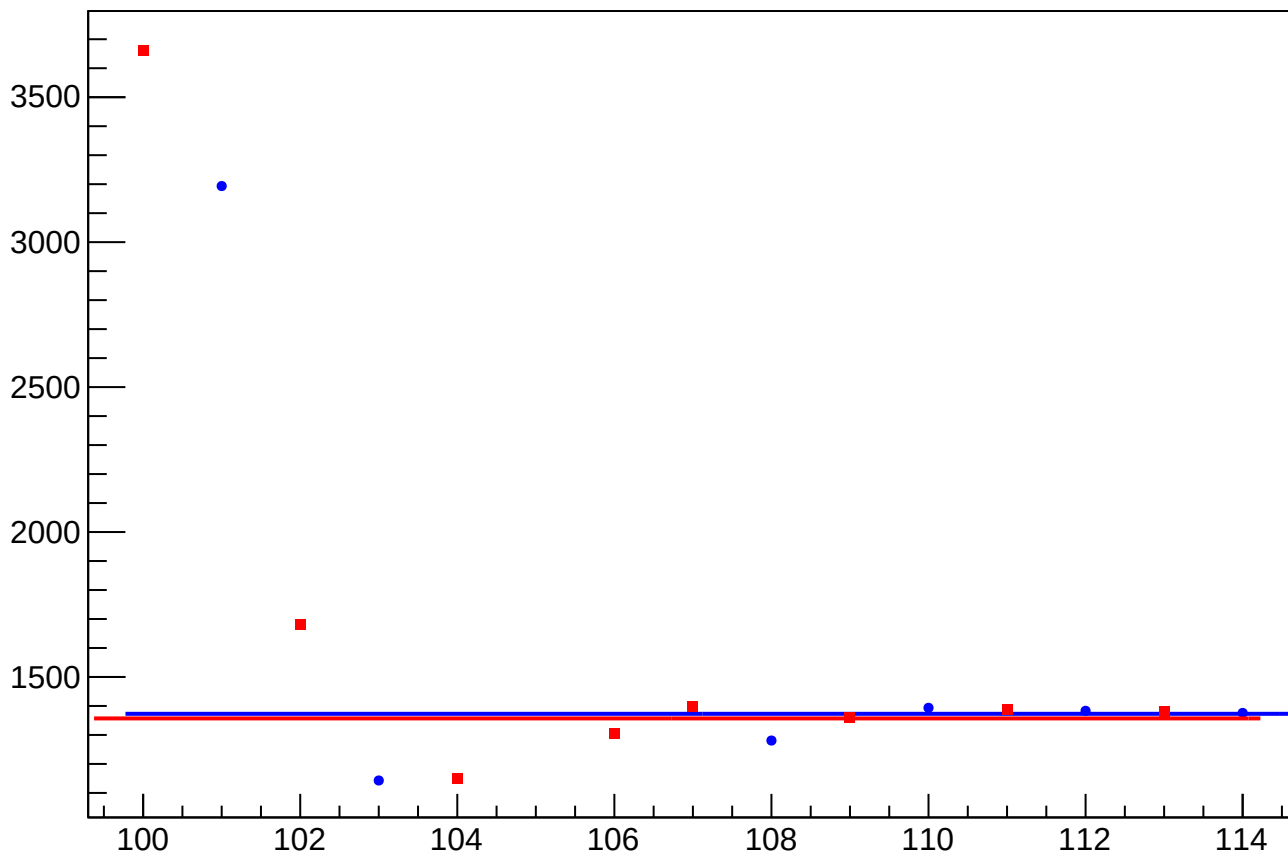
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.245+/-591.126 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1372.946 $\pm$ 0.629 χ^2 /NDF: 477429.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1357.030 $\pm$ 0.557 χ^2 /NDF: 129115.1/7

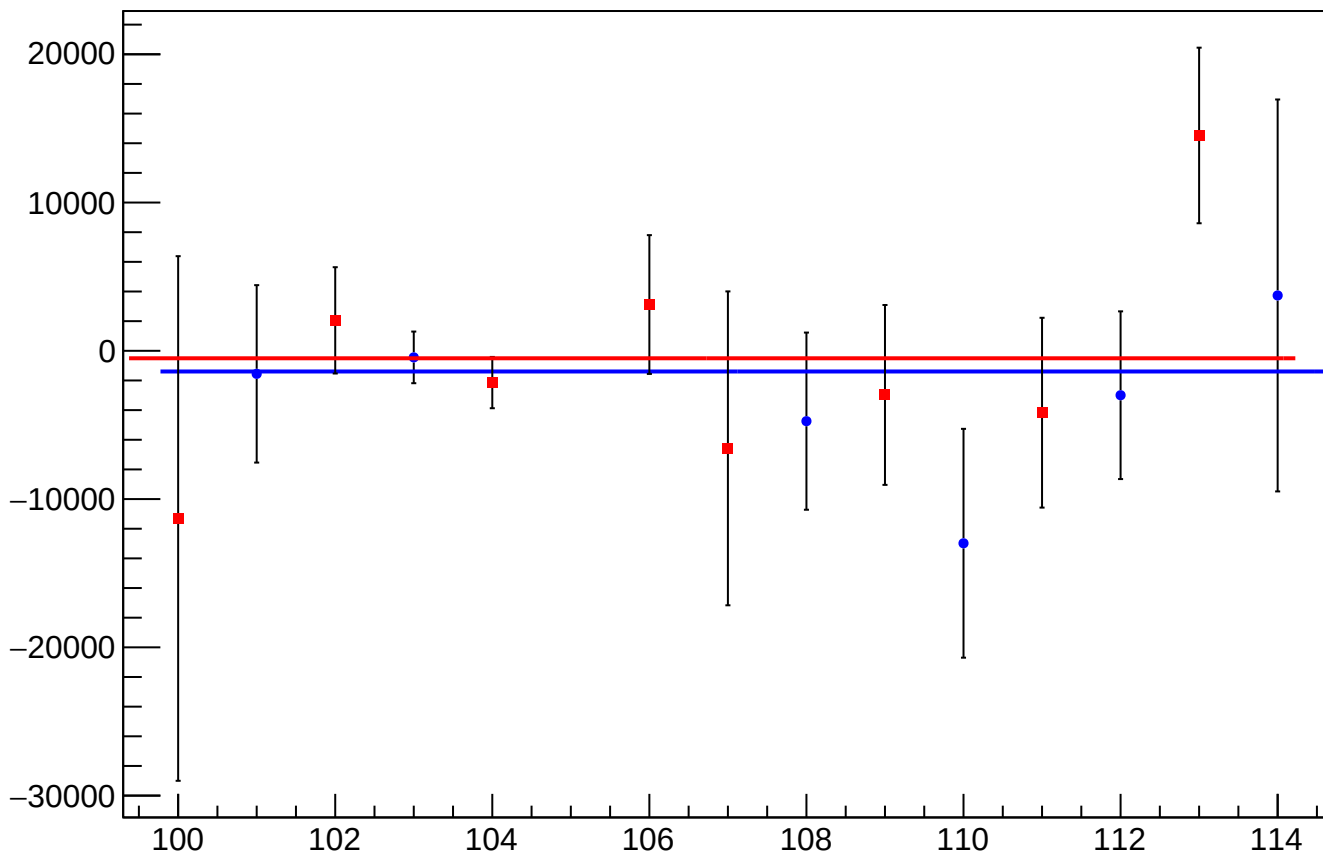
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1364.021 $\pm$ 0.417 χ^2 /NDF: 606903.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug



Right In: -1394.280+/-1508.541 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -503.732+/-1348.596 χ^2/NDF : 9.6/7

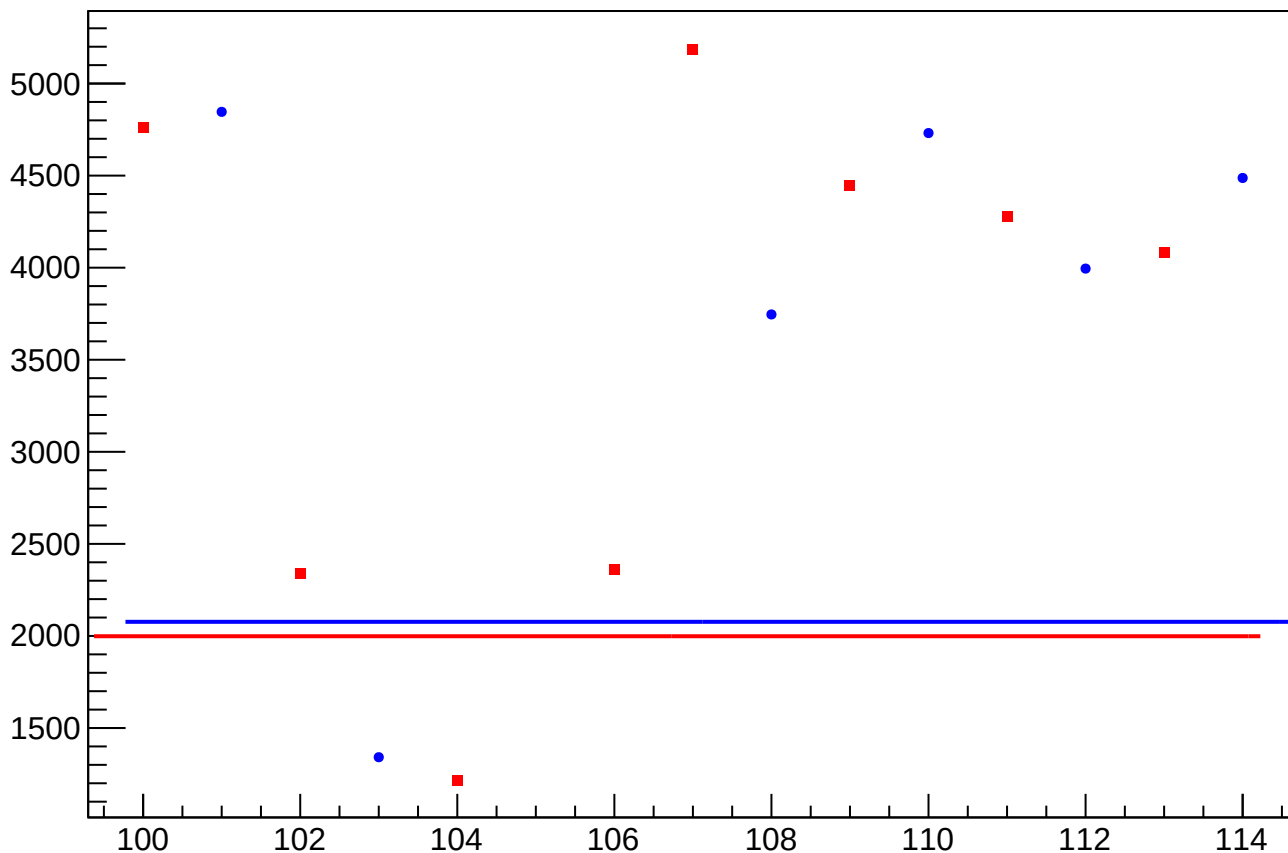
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -899.308+/-1005.411 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 2076.770+/-1.067 χ^2/NDF : 1474178.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

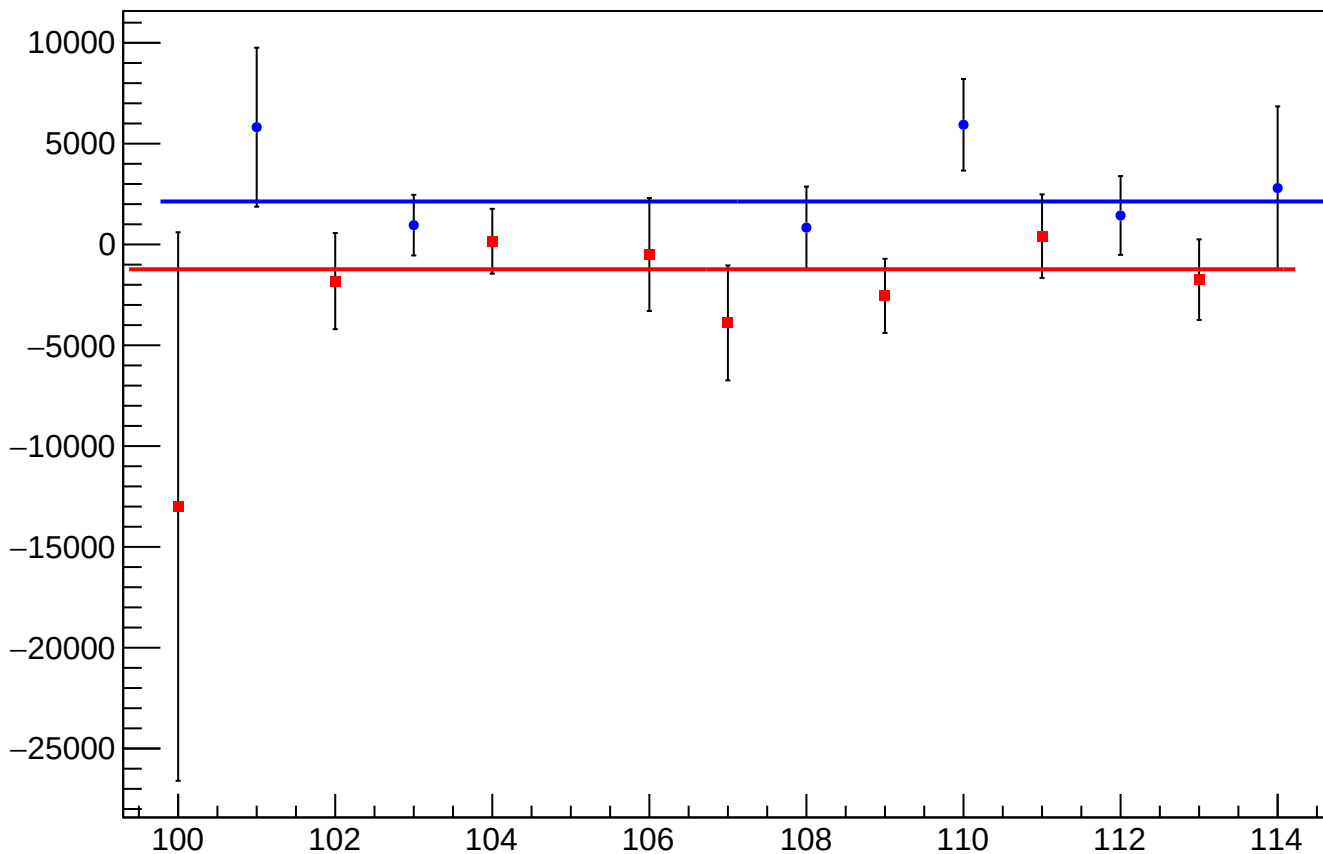
Right Out: 1998.459+/-0.954 χ^2/NDF : 1497836.3/7

All: 2033.244+/-0.711 χ^2/NDF : 2975009.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2132.659 $\pm$ 889.483 χ^2 /NDF: 4.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1229.810 $\pm$ 791.096 χ^2 /NDF: 3.7/7

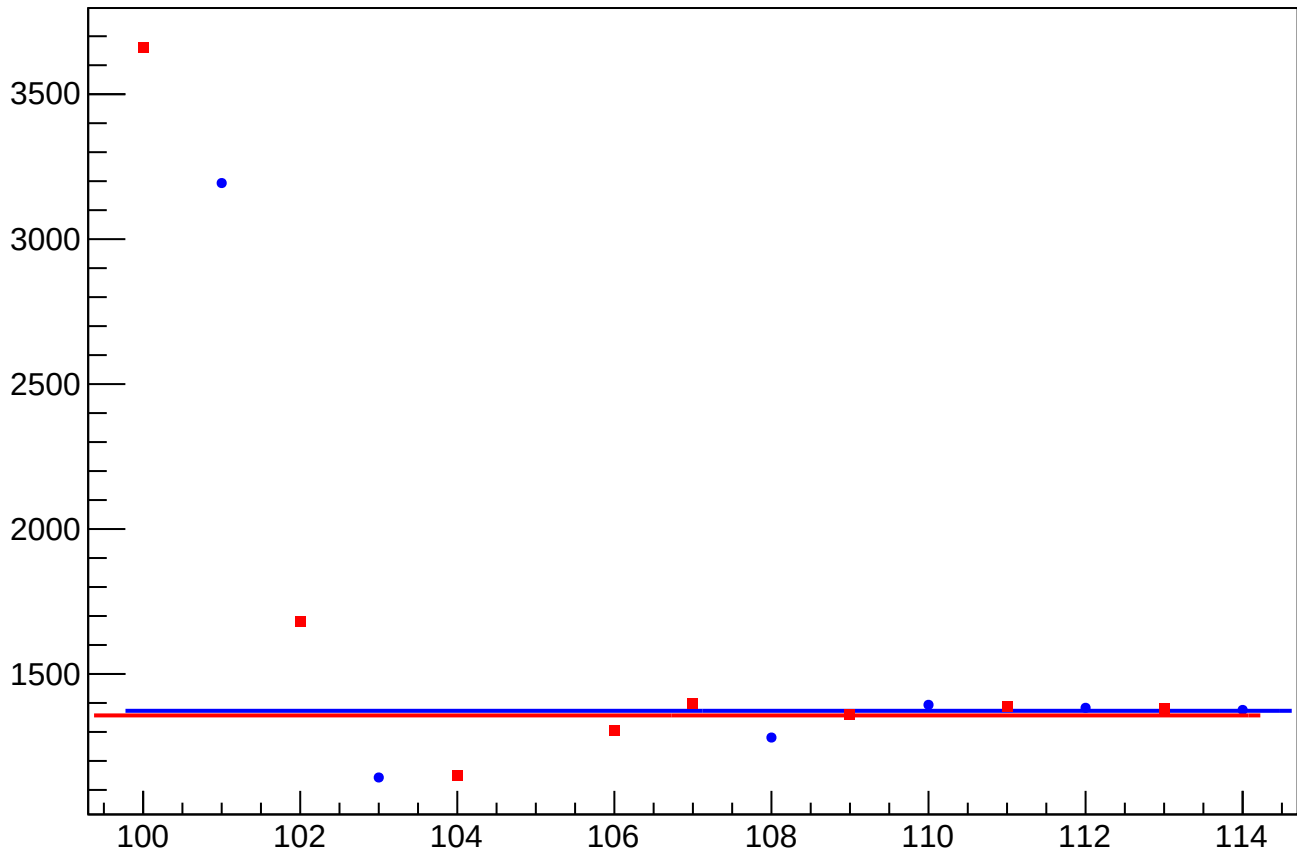
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.245 $\pm$ 591.126 χ^2 /NDF: 16.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1372.946 $\pm$ 0.629 χ^2 /NDF: 477429.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1357.030 $\pm$ 0.557 χ^2 /NDF: 129115.1/7

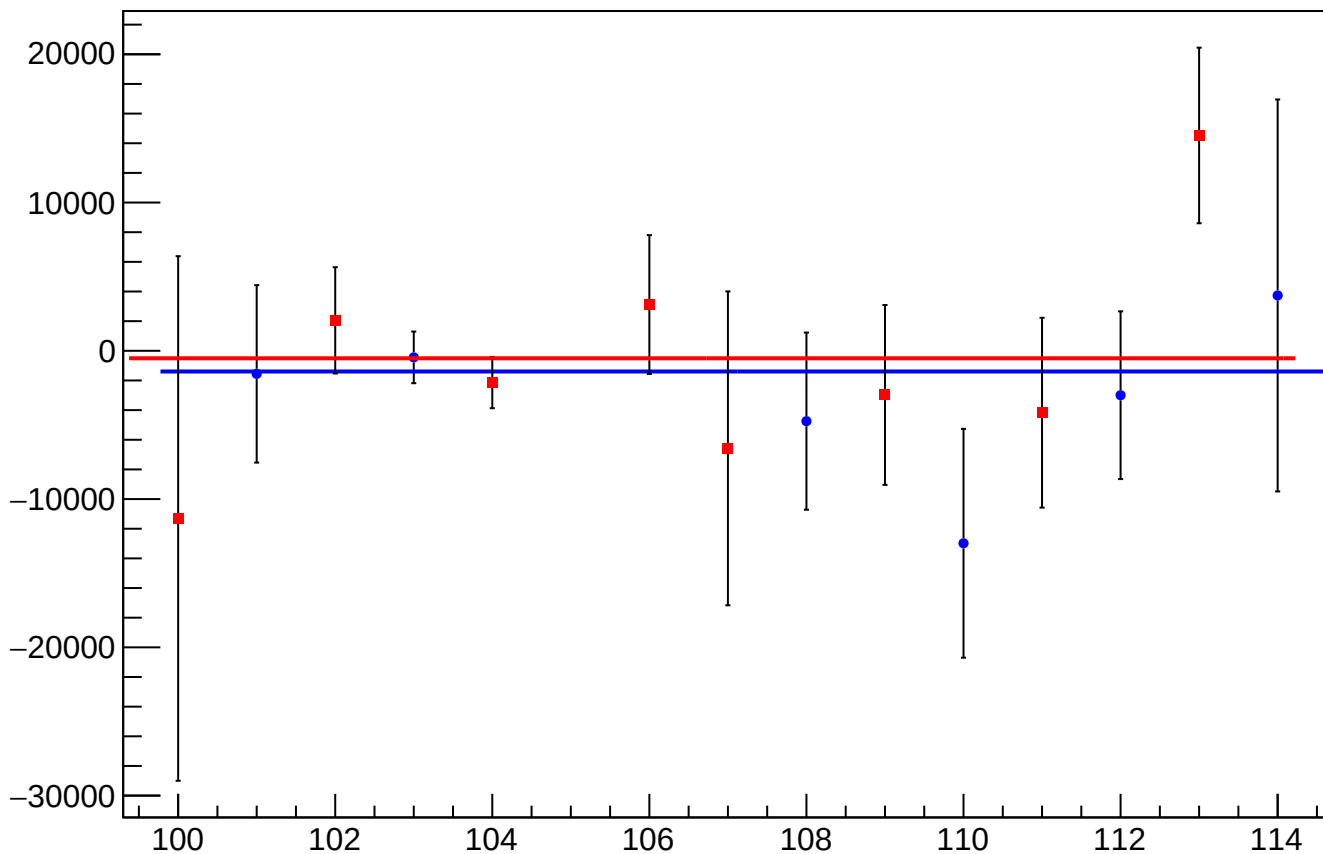
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1364.021 $\pm$ 0.417 χ^2 /NDF: 606903.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -1394.280+/-1508.541 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -503.732+/-1348.596 χ^2/NDF : 9.6/7

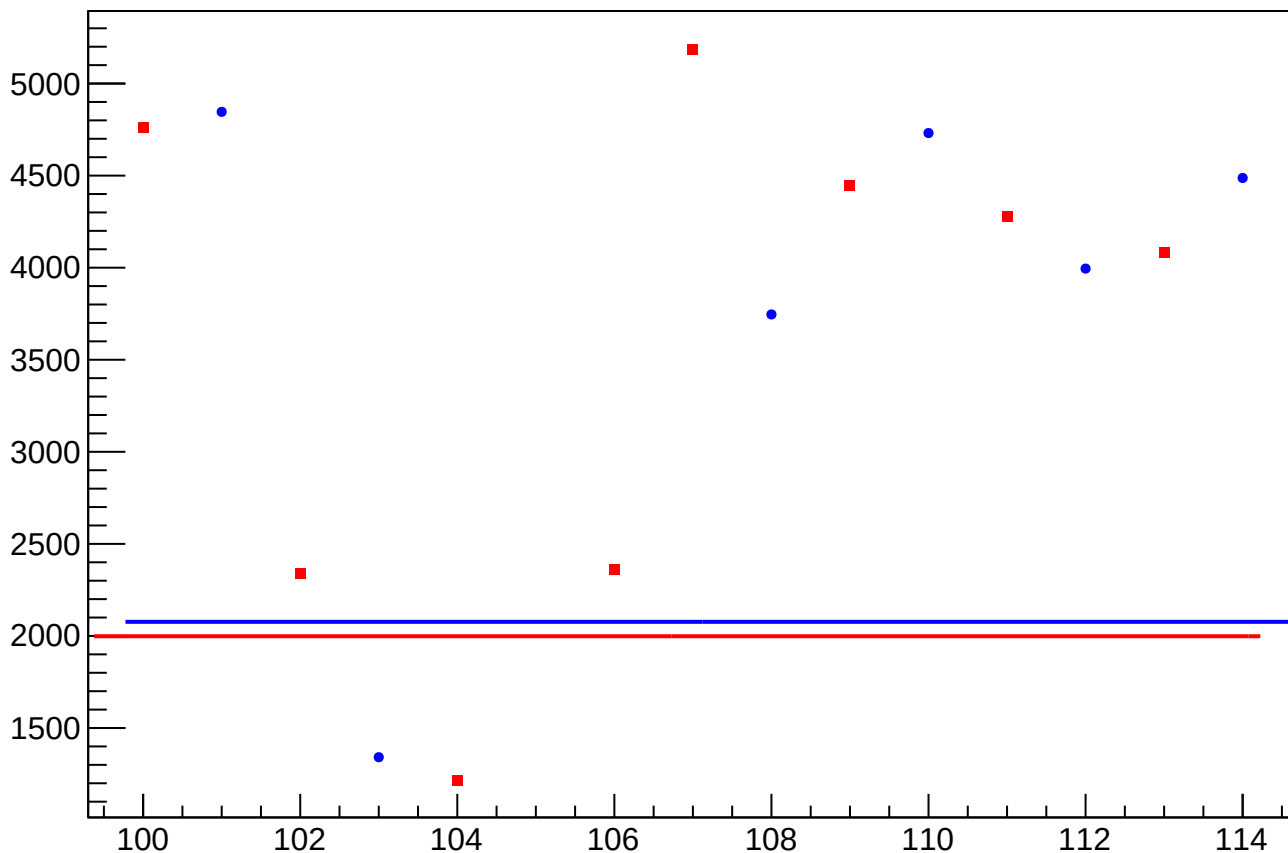
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -899.308+/-1005.411 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 2076.770+/-1.067 χ^2/NDF : 1474178.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1998.459+/-0.954 χ^2/NDF : 1497836.3/7

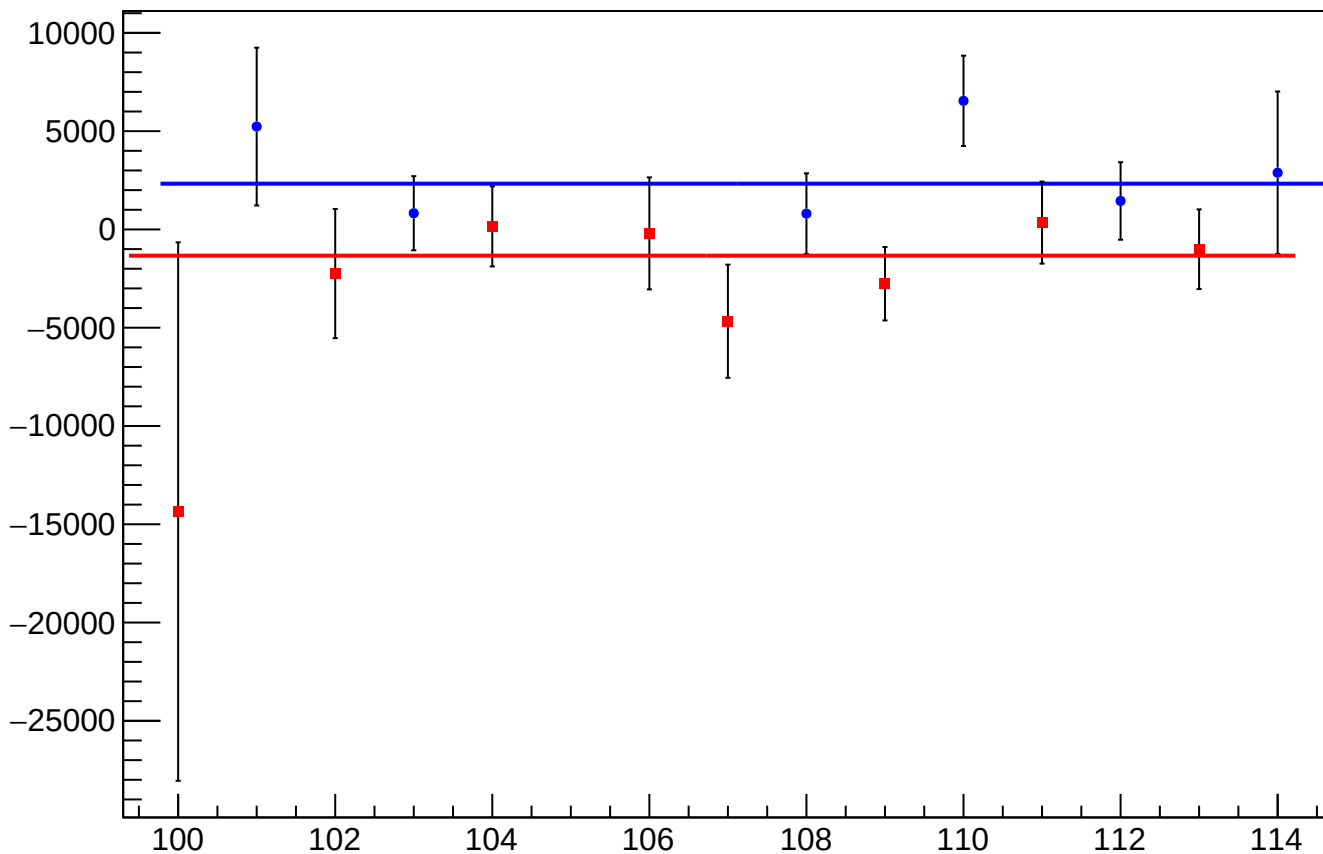
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2033.244+/-0.711 χ^2/NDF : 2975009.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2327.190+/-959.324 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1335.154+/-863.080 χ^2/NDF : 4.3/7

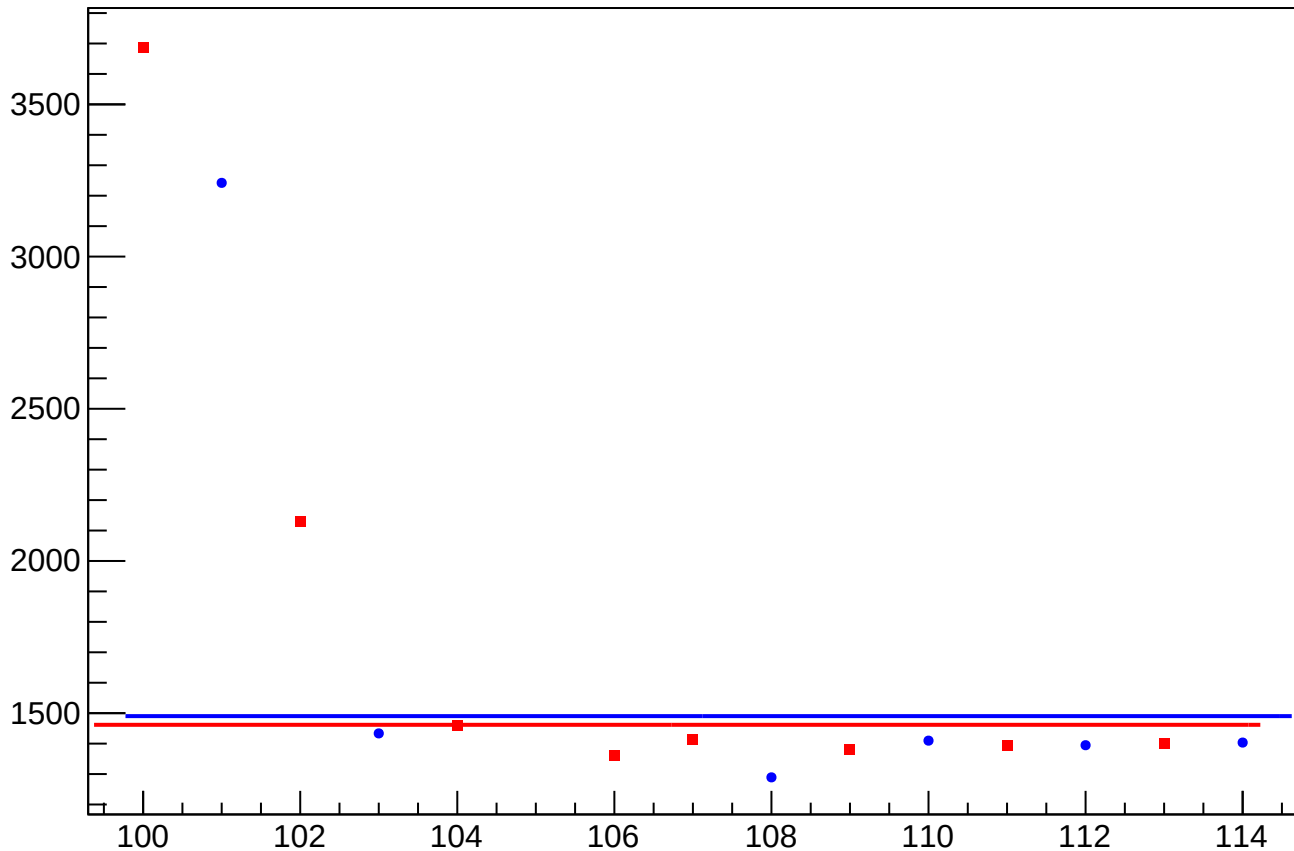
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.142+/-641.626 χ^2/NDF : 17.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1490.309+/-0.678 χ^2/NDF : 410075.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1461.759+/-0.609 χ^2/NDF : 146865.0/7

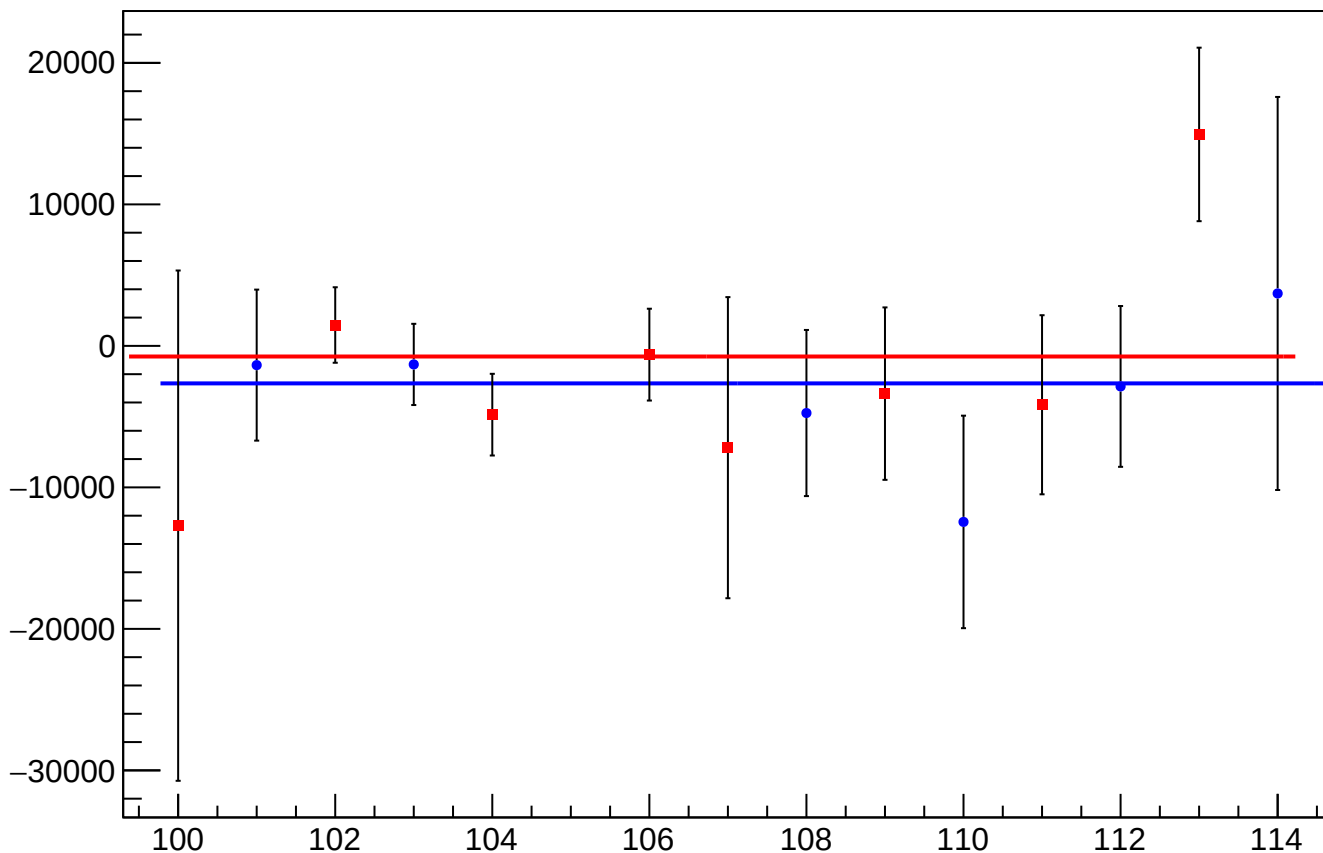
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1474.505+/-0.453 χ^2/NDF : 557921.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug



Right In: -2650.571+/-2043.467 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -750.746+/-1497.525 χ^2/NDF : 10.6/7

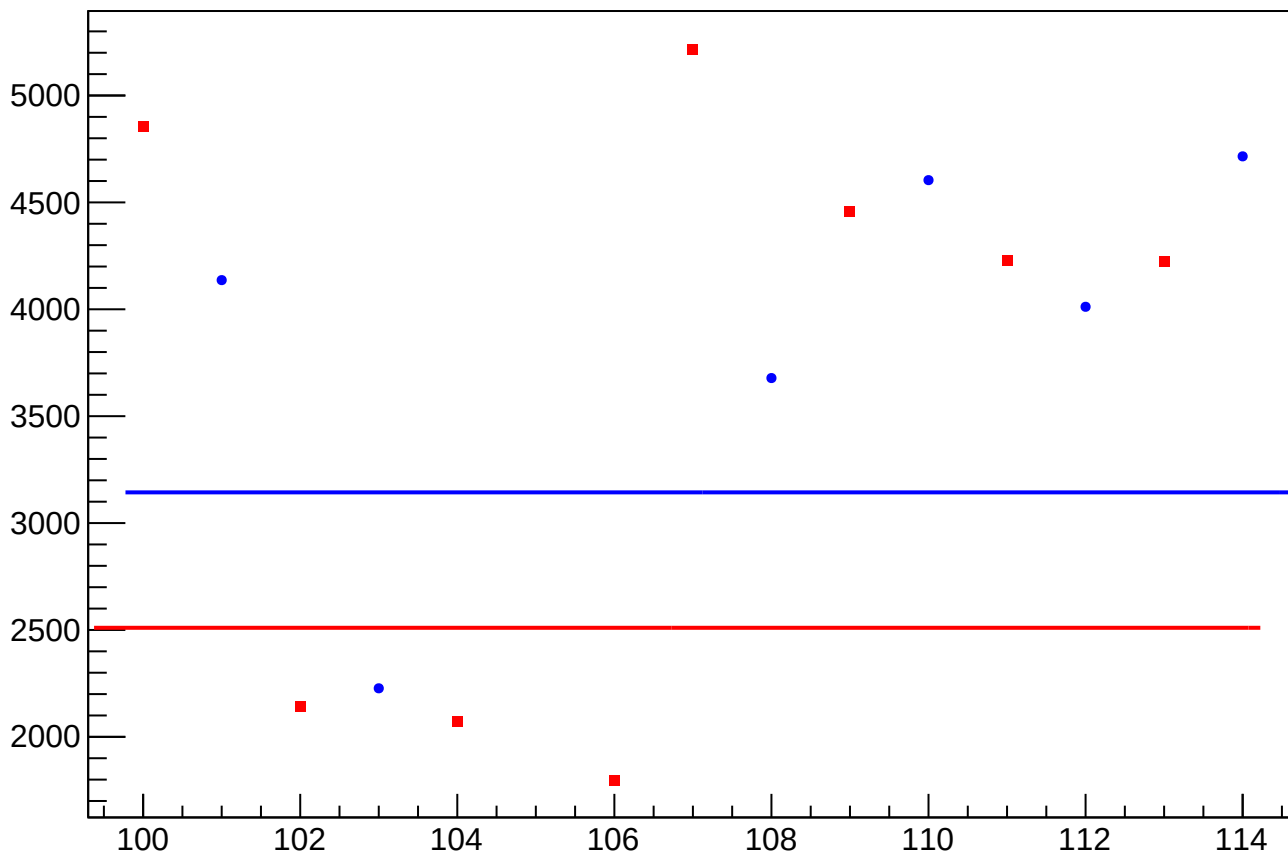
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1414.549+/-1207.898 χ^2/NDF : 13.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



Right In: 3143.603+/-1.445 χ^2/NDF : 437821.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2510.163+/-1.059 χ^2/NDF : 851070.9/7

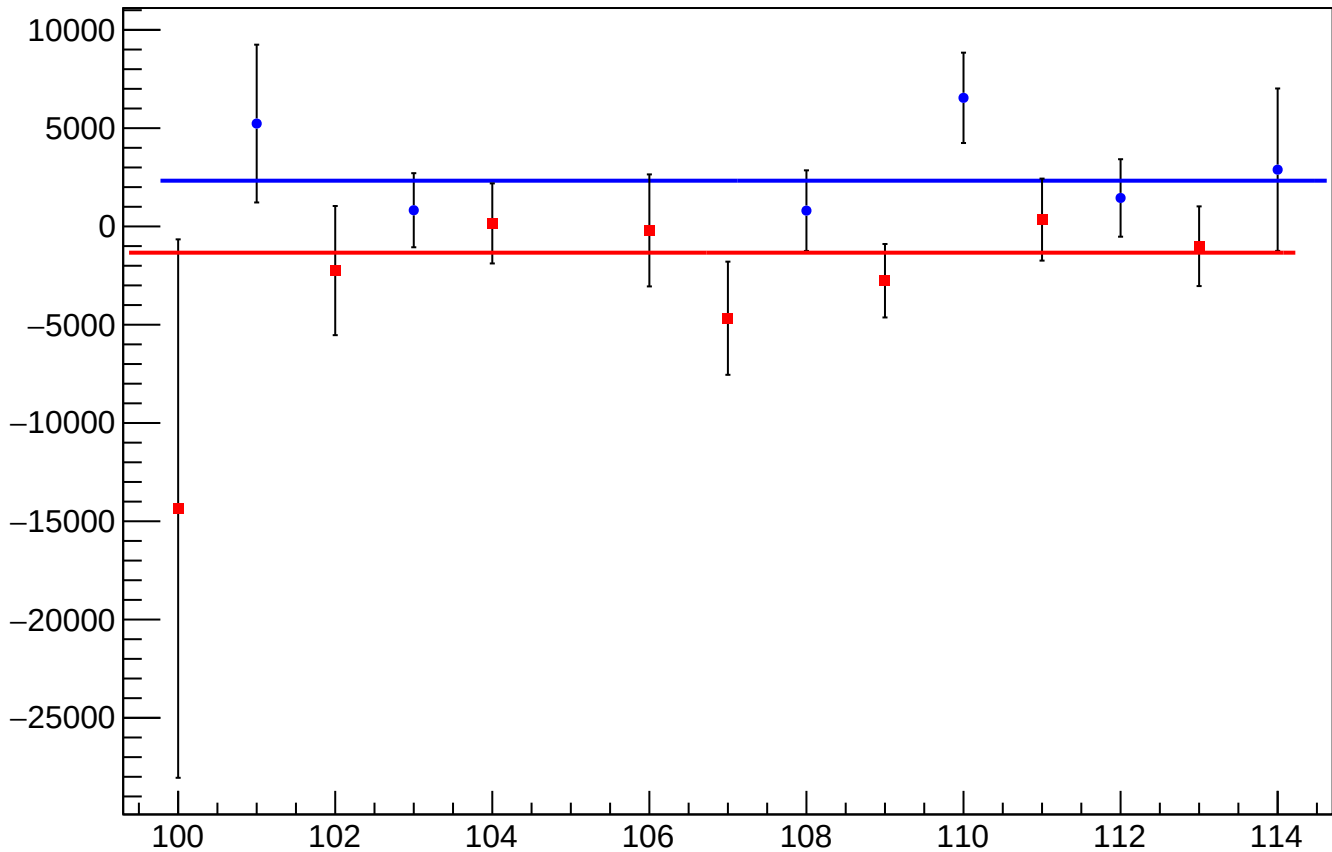
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.488+/-0.854 χ^2/NDF : 1413924.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2327.195 $\pm$ 959.324 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1335.157 $\pm$ 863.079 χ^2 /NDF: 4.3/7

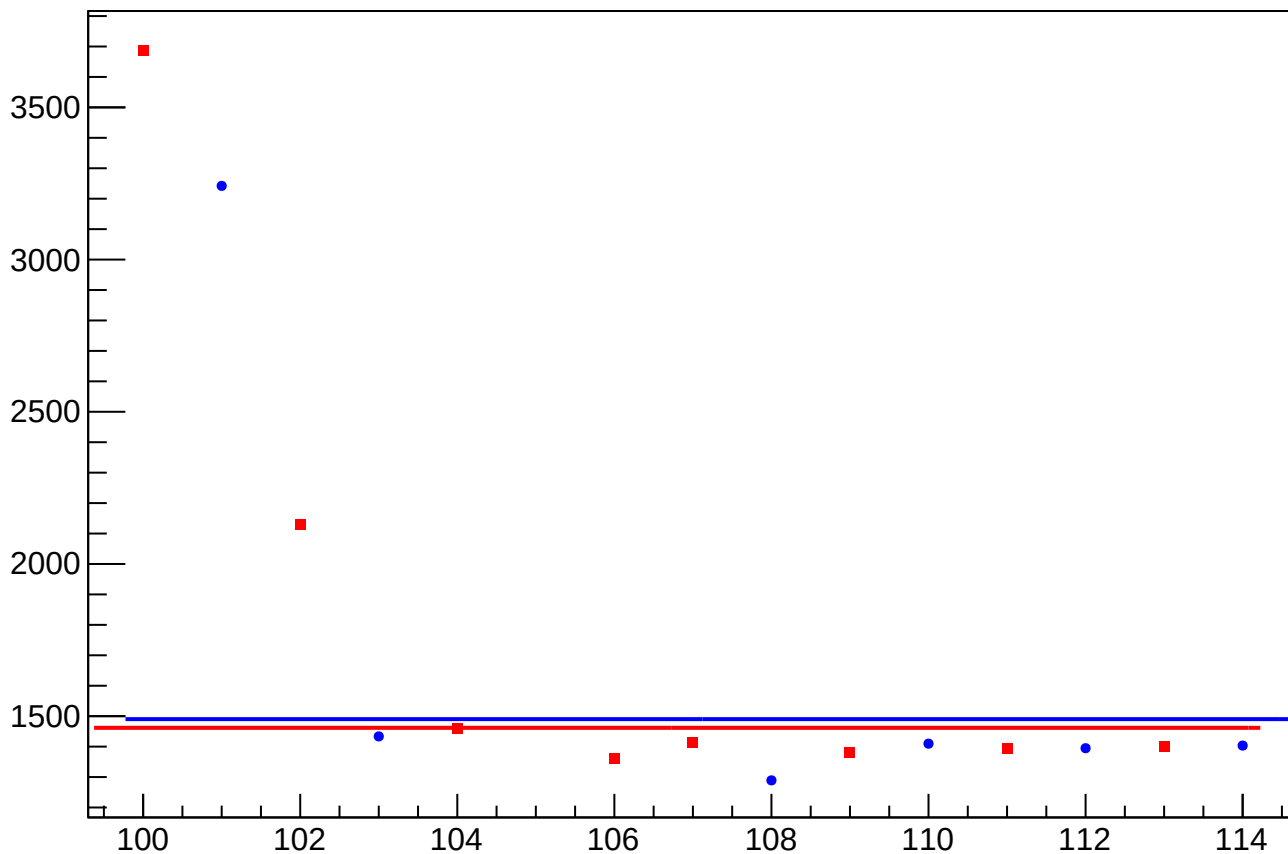
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 303.142 $\pm$ 641.626 χ^2 /NDF: 17.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1490.308+/-0.678 χ^2/NDF : 410075.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1461.758+/-0.609 χ^2/NDF : 146864.2/7

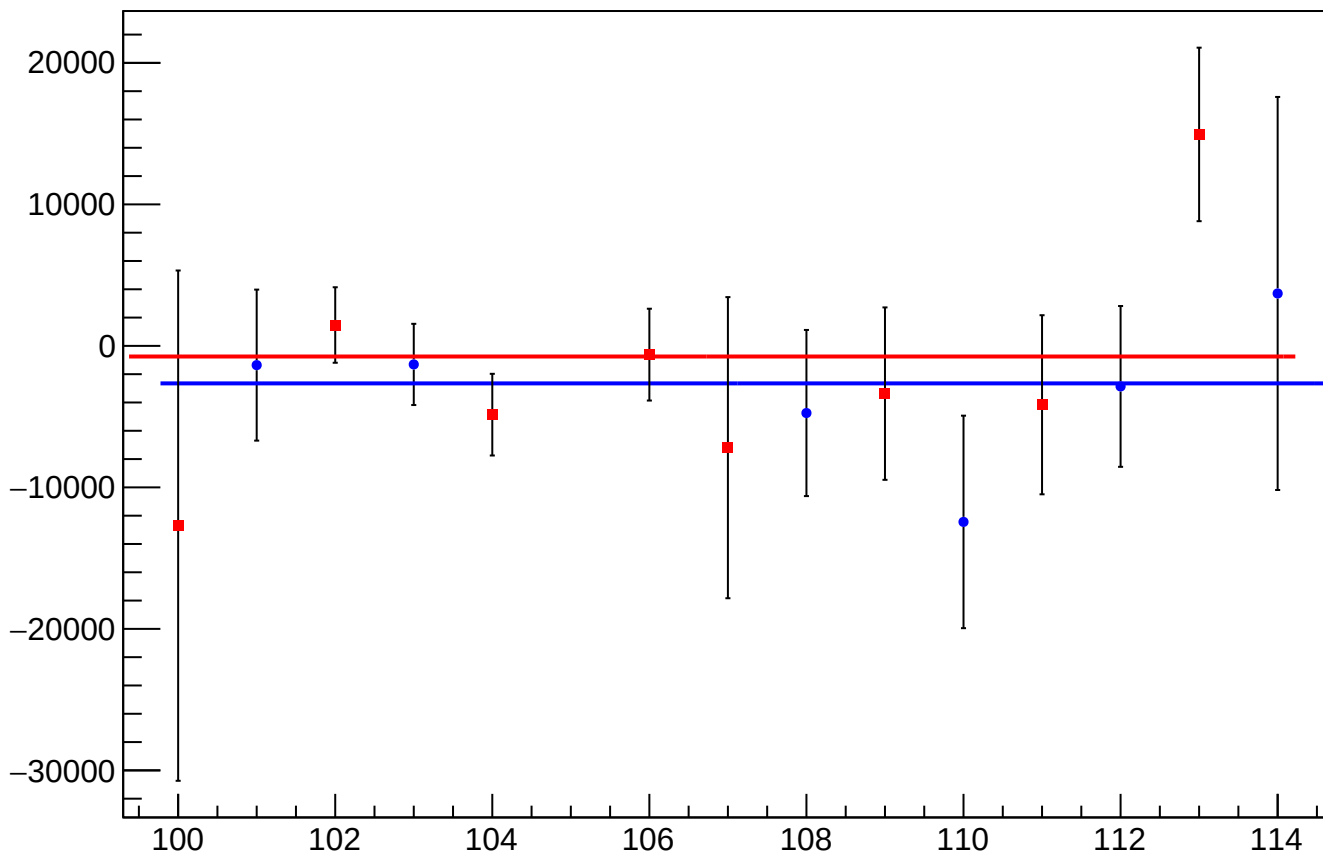
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1474.504+/-0.453 χ^2/NDF : 557920.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -2650.569+/-2043.463 χ^2 /NDF: 2.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -750.746+/-1497.521 χ^2 /NDF: 10.6/7

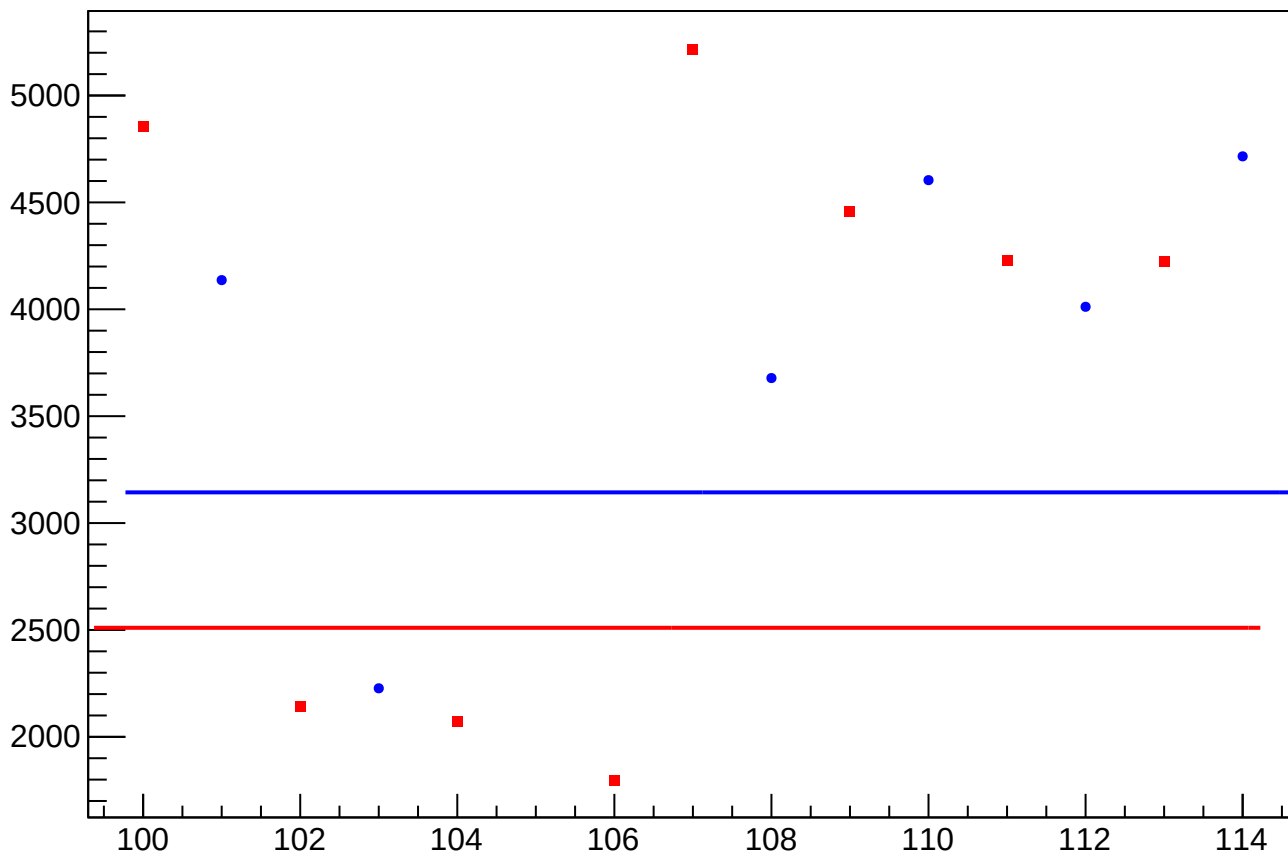
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1414.548+/-1207.895 χ^2 /NDF: 13.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 3143.597 $\pm$ 1.445 χ^2 /NDF: 437821.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2510.156 $\pm$ 1.059 χ^2 /NDF: 851072.7/7

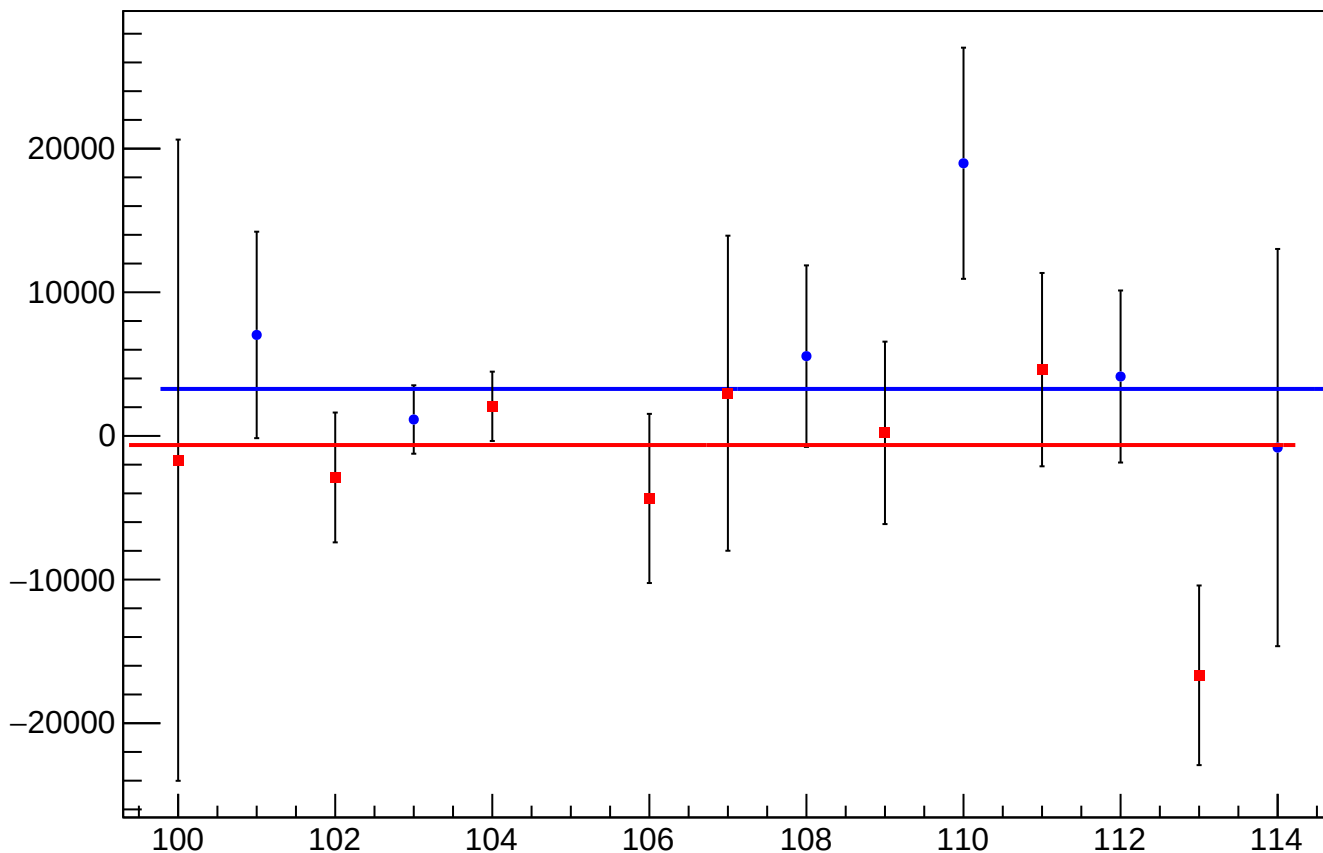
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2731.481 $\pm$ 0.854 χ^2 /NDF: 1413926.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 3271.623+/-1926.892 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.091+/-1734.581 χ^2/NDF : 9.2/7

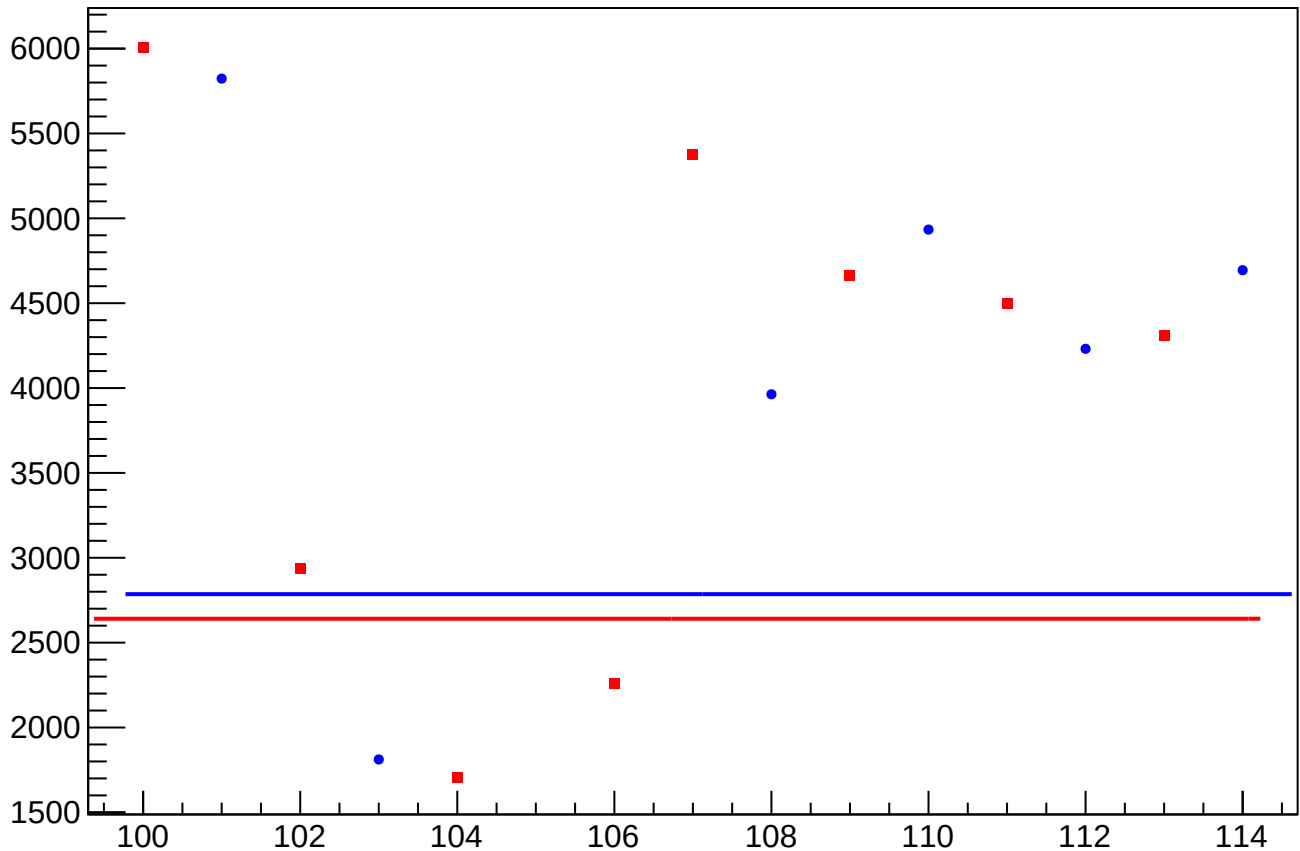
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.191+/-1289.178 χ^2/NDF : 16.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 2785.724+/-1.362 χ^2/NDF : 1058531.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2640.865+/-1.199 χ^2/NDF : 989251.9/7

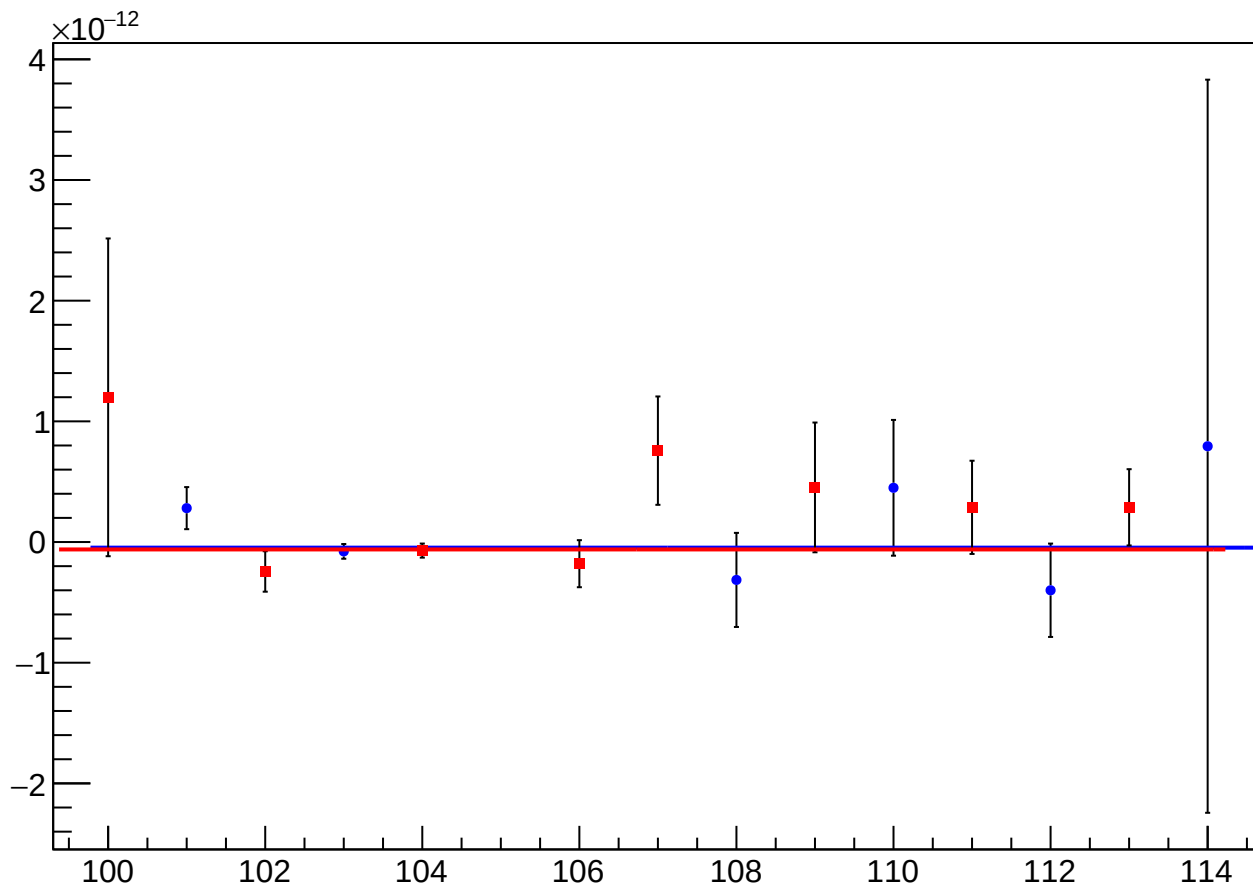
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2704.068+/-0.900 χ^2/NDF : 2054154.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/7

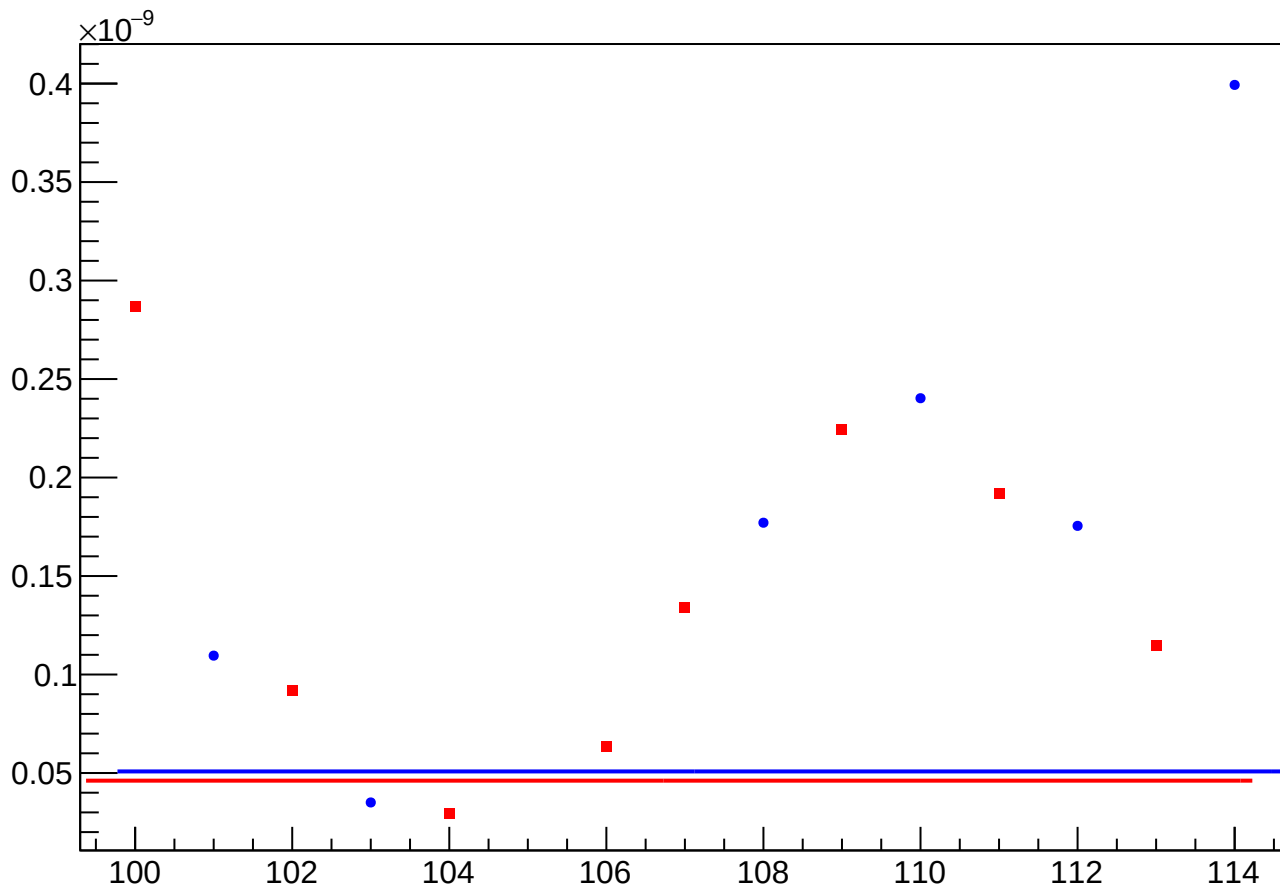
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1031412.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071379.5/7

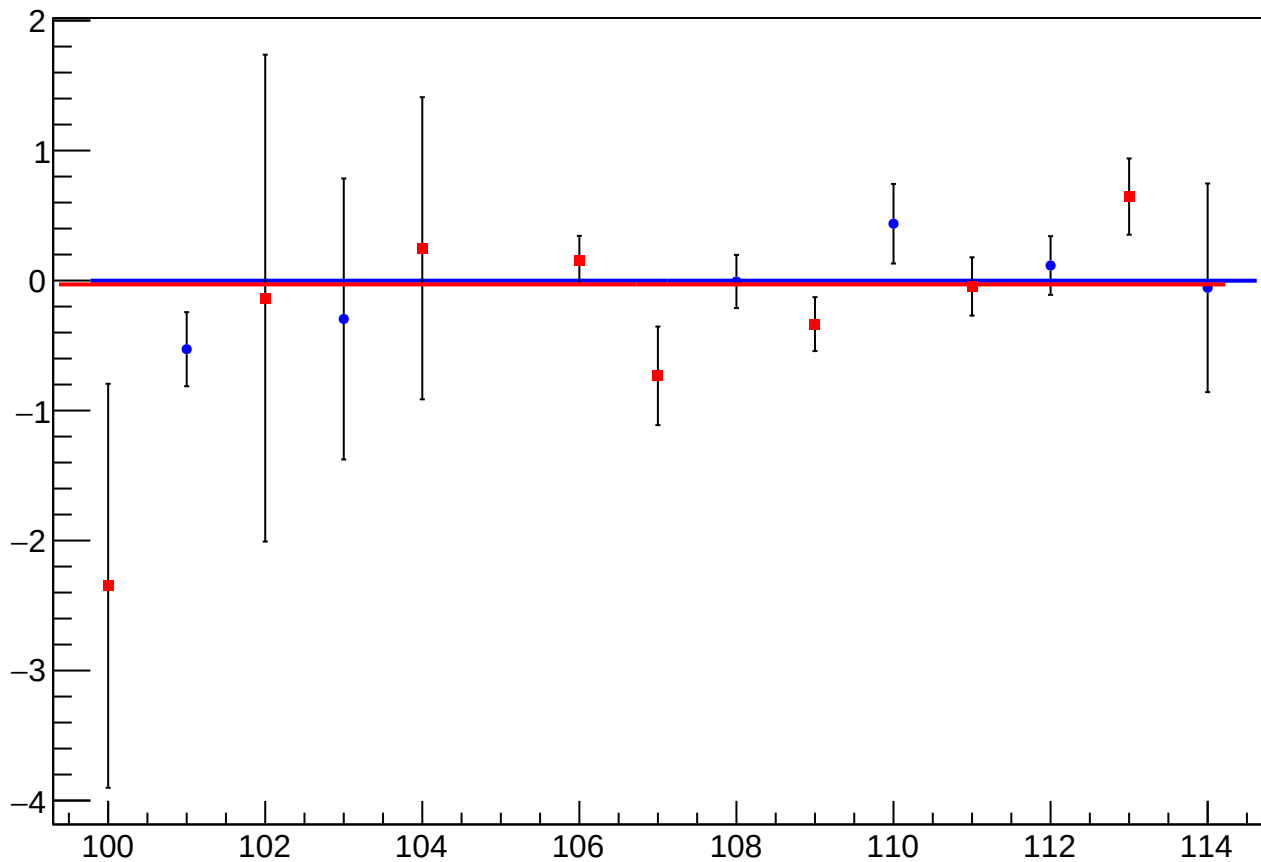
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2110416.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 ± 0.120 χ^2/NDF : 5.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.105 χ^2/NDF : 14.2/7

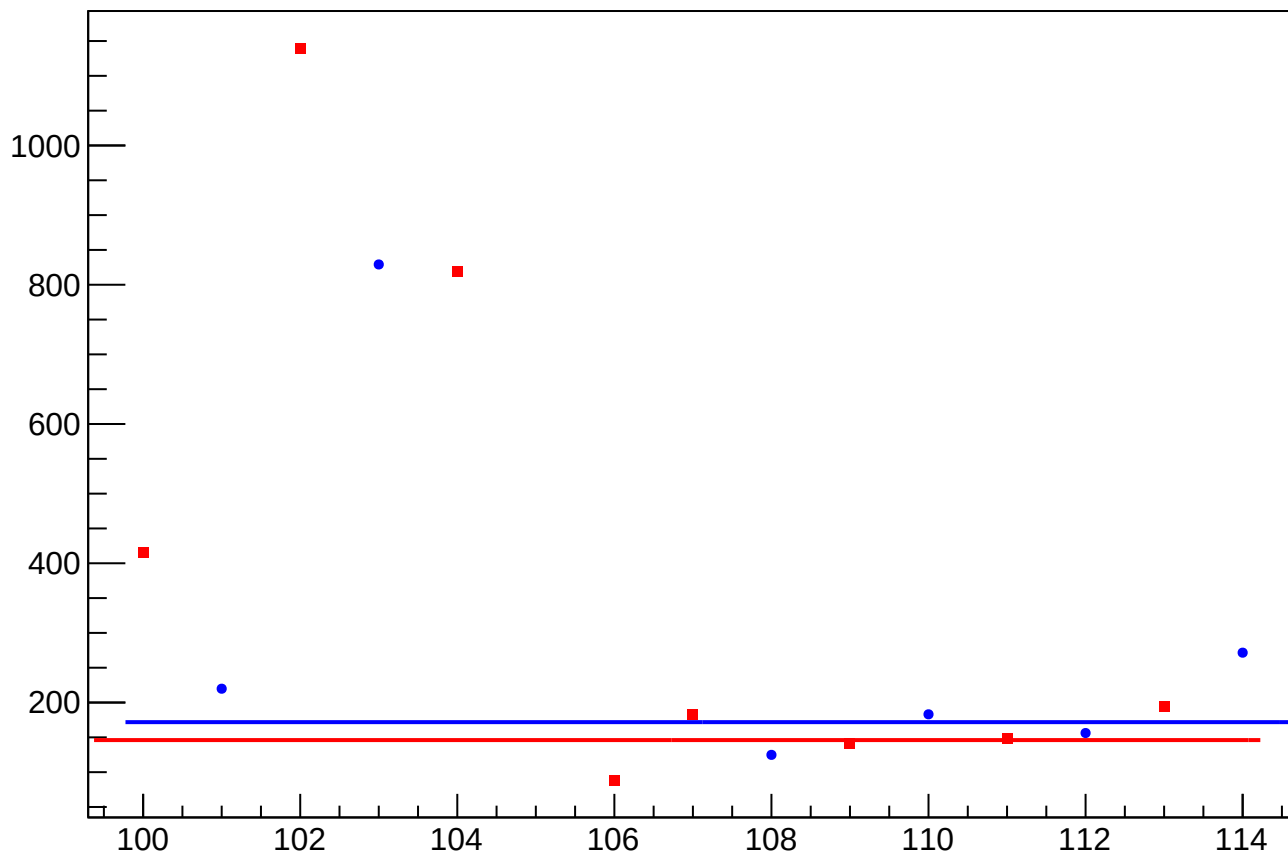
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.079 χ^2/NDF : 20.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 171.837 $\pm$ 0.085 χ^2 /NDF: 945319.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.076 $\pm$ 0.074 χ^2 /NDF: 1558243.7/7

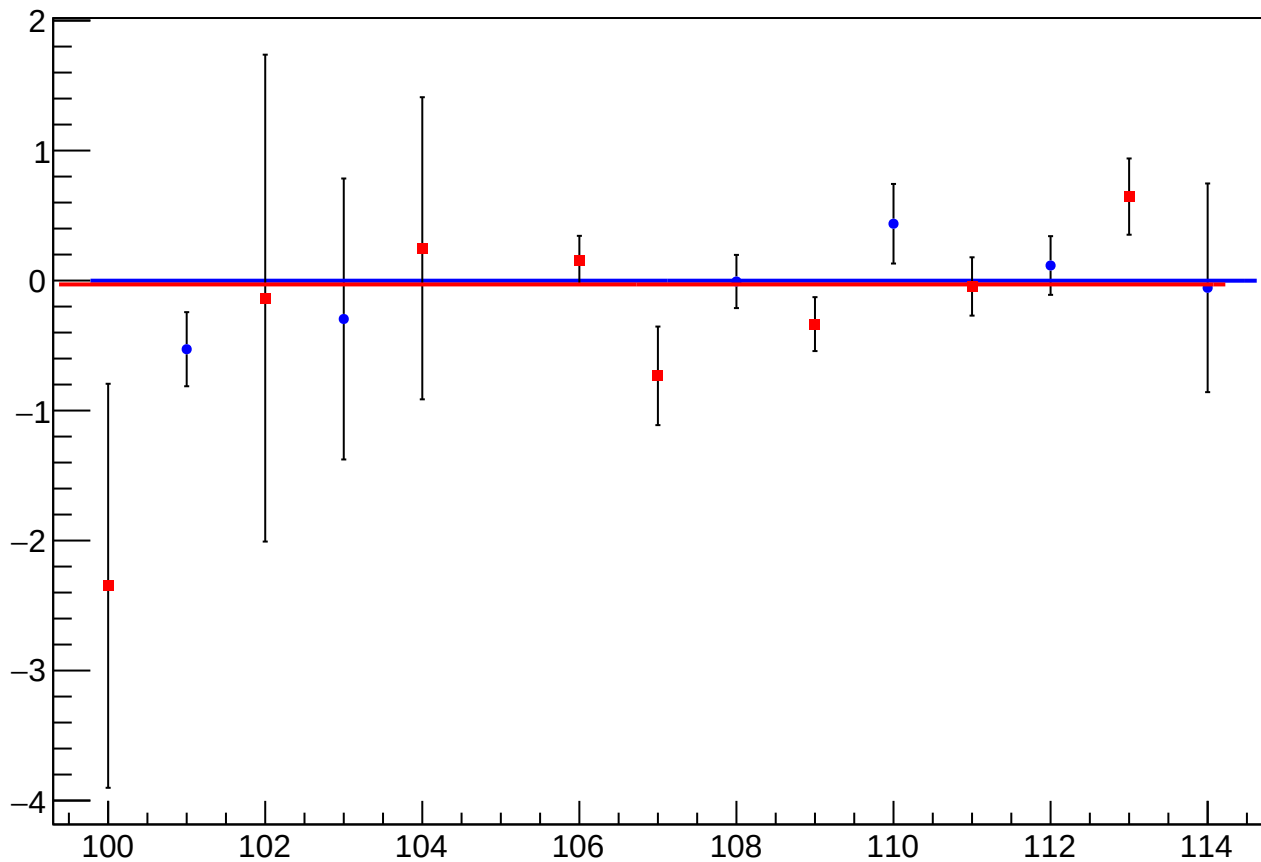
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.151 $\pm$ 0.056 χ^2 /NDF: 2555691.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 ± 0.120 χ^2/NDF : 5.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.105 χ^2/NDF : 14.2/7

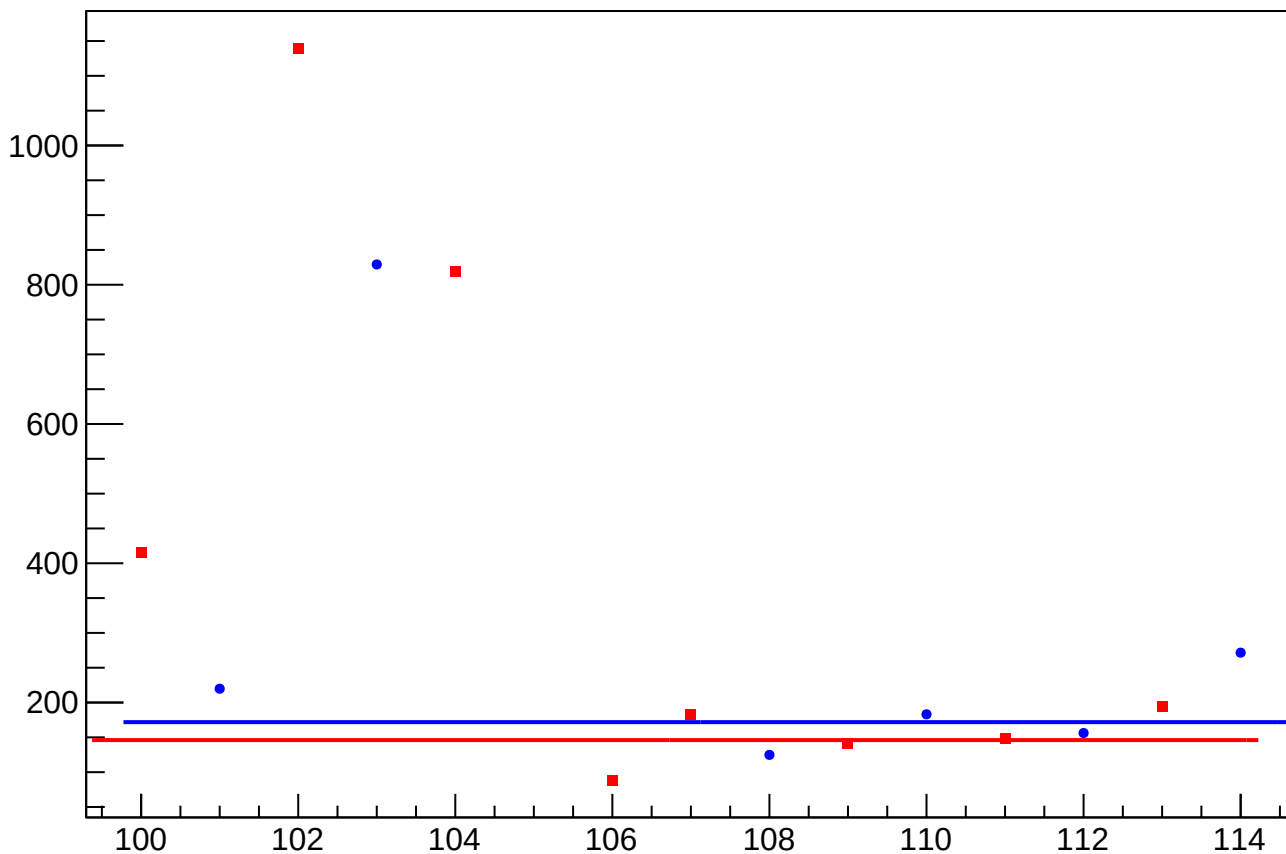
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.079 χ^2/NDF : 20.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 171.837 $\pm$ 0.085 χ^2 /NDF: 945319.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.076 $\pm$ 0.074 χ^2 /NDF: 1558243.7/7

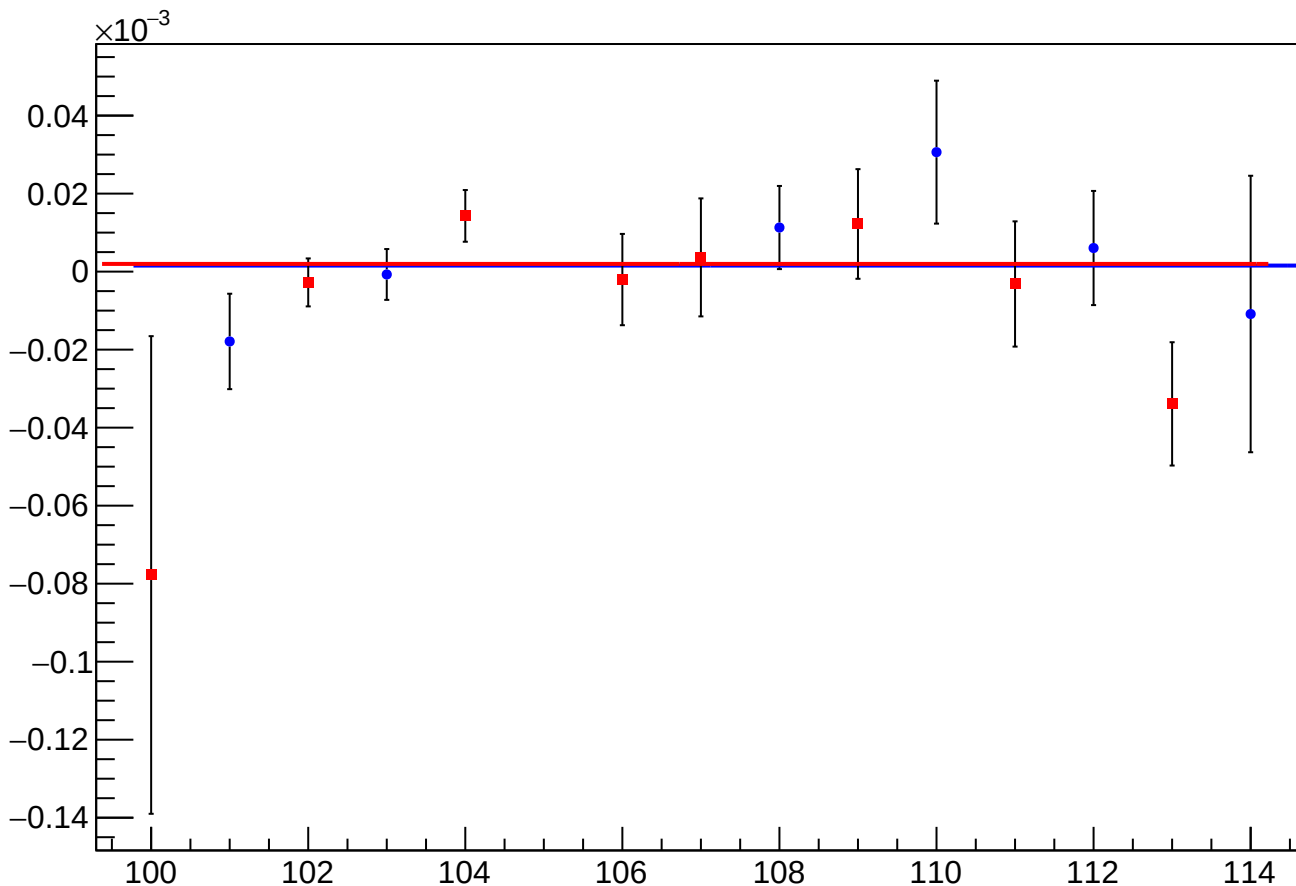
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.151 $\pm$ 0.056 χ^2 /NDF: 2555691.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/7

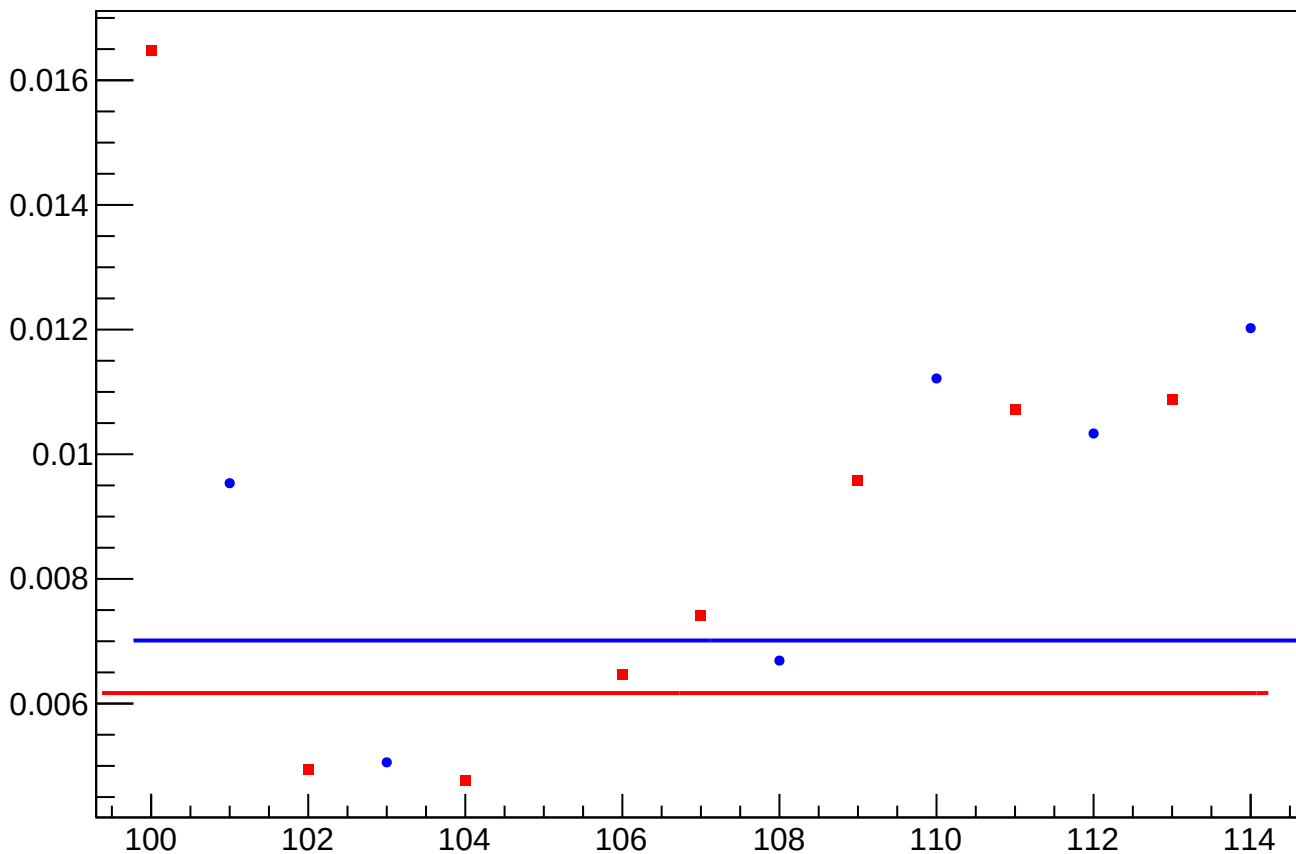
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 515255.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 696852.0/7

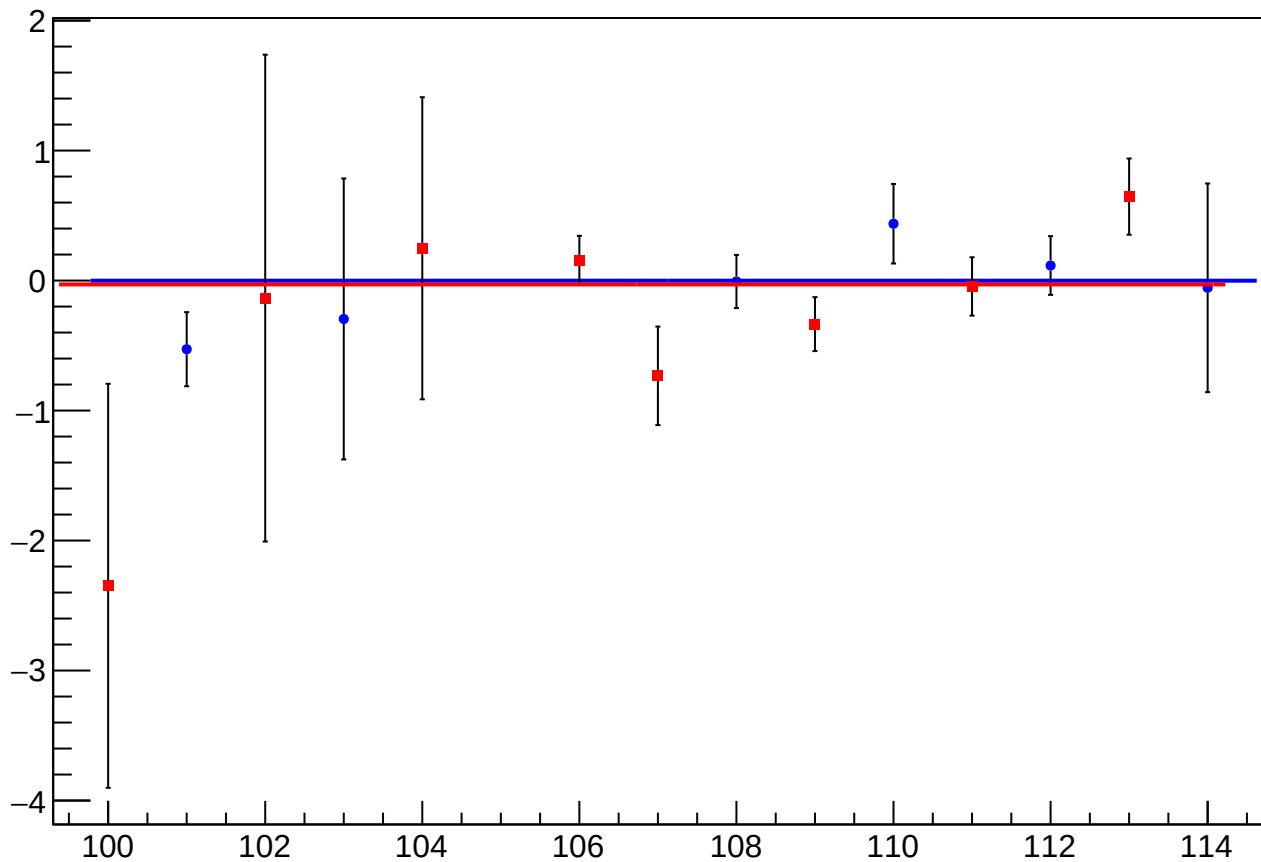
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1253278.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 ± 0.120 χ^2/NDF : 5.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.105 χ^2/NDF : 14.2/7

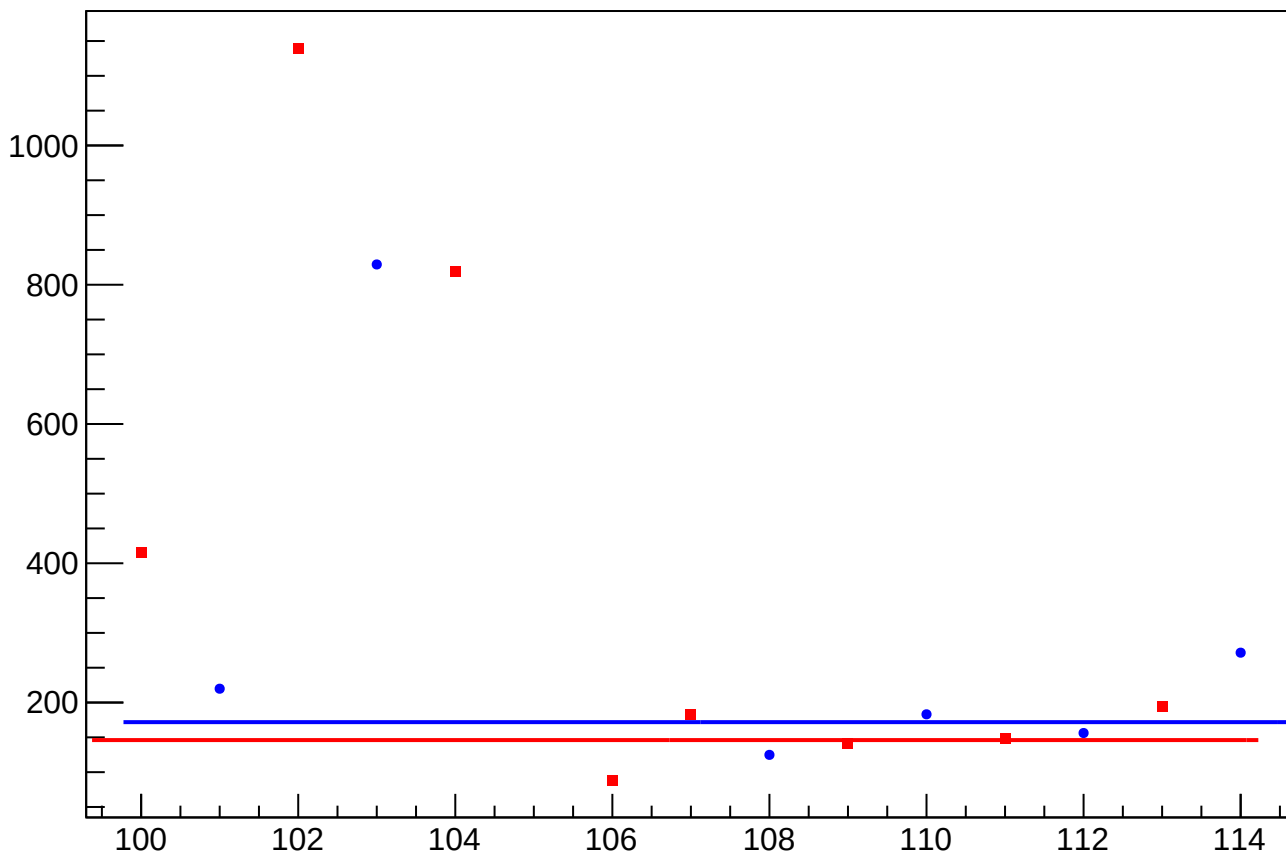
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.079 χ^2/NDF : 20.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 171.840+/-0.085 χ^2/NDF : 945294.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.076+/-0.074 χ^2/NDF : 1558253.8/7

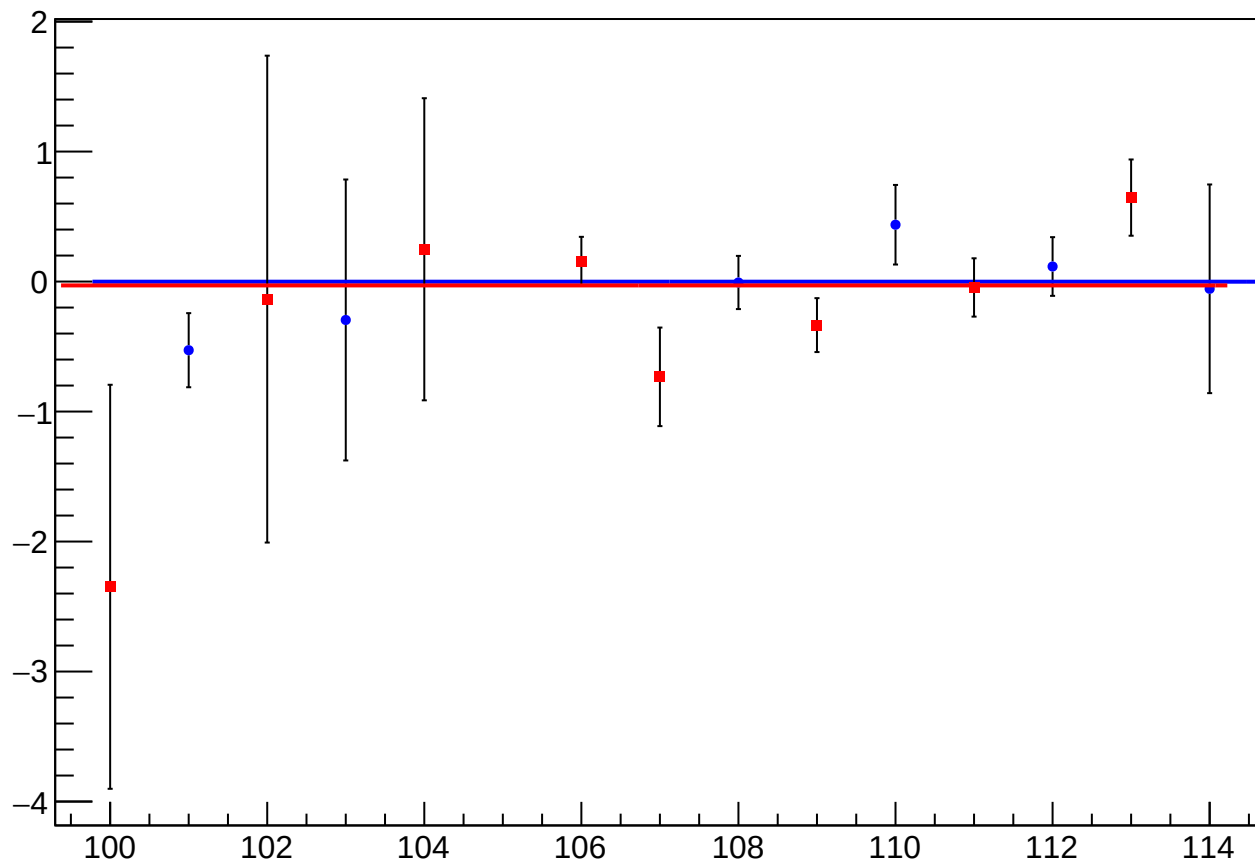
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.152+/-0.056 χ^2/NDF : 2555690.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.120 χ^2 /NDF: 5.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.105 χ^2 /NDF: 14.2/7

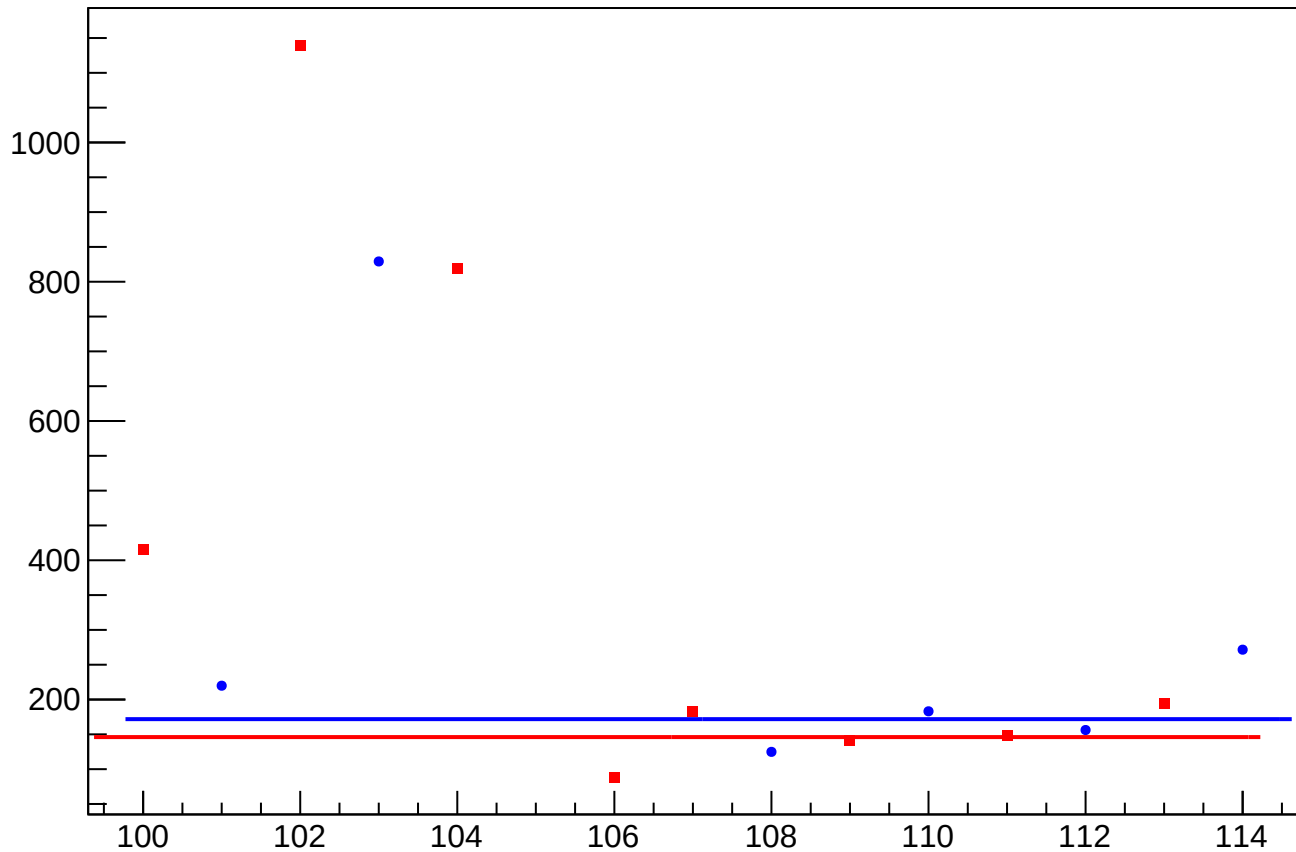
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 171.840 $\pm$ 0.085 χ^2 /NDF: 945294.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.076 $\pm$ 0.074 χ^2 /NDF: 1558253.8/7

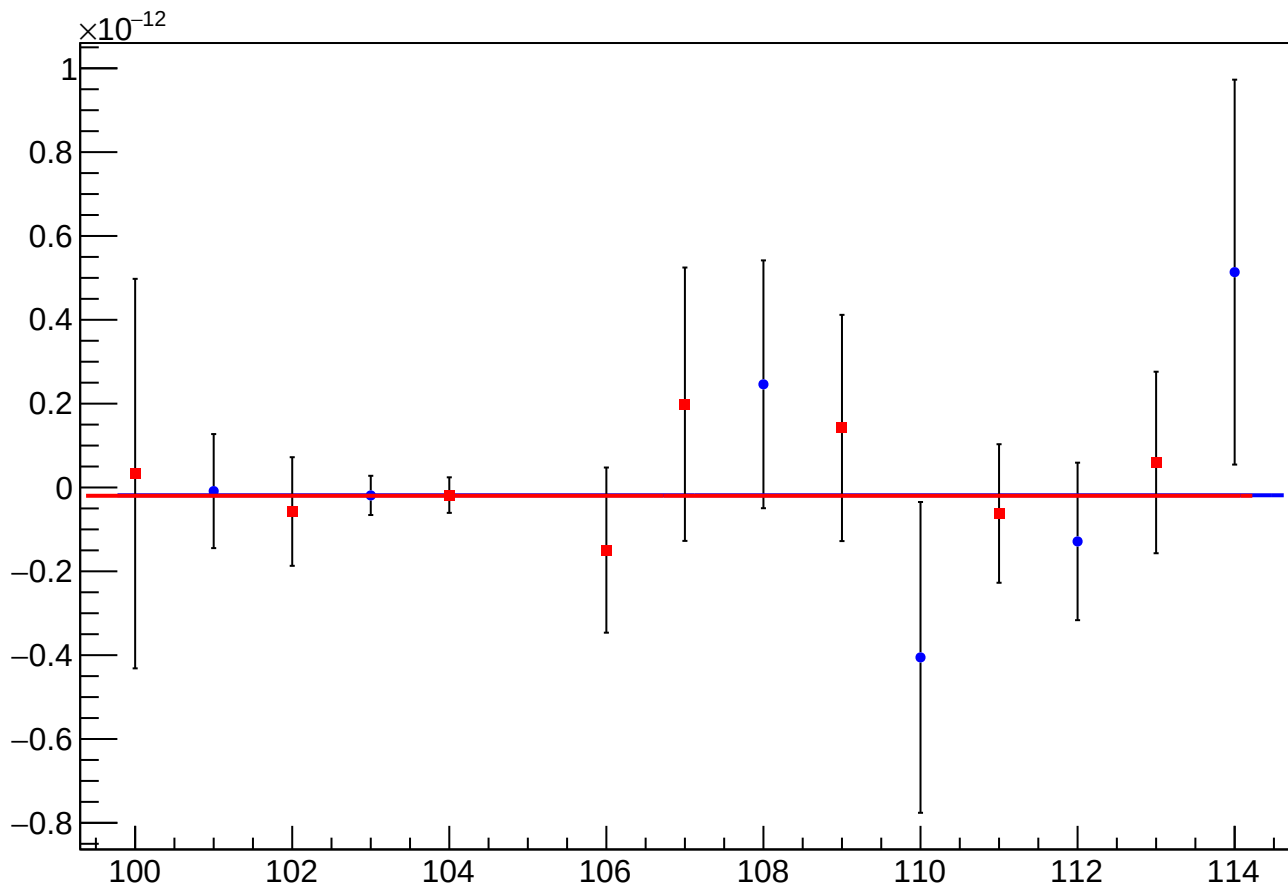
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.152 $\pm$ 0.056 χ^2 /NDF: 2555690.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.5/7

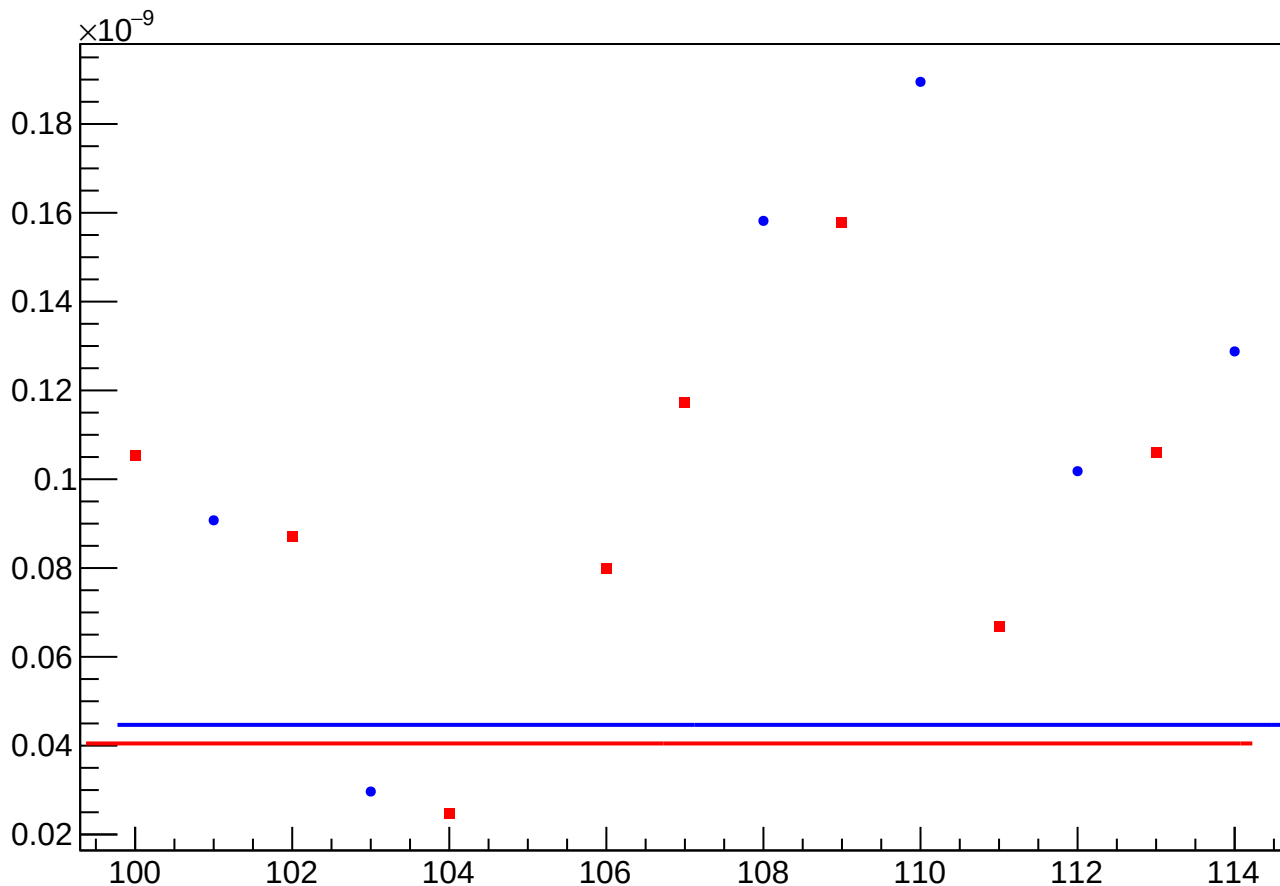
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1287544.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1380356.7/7

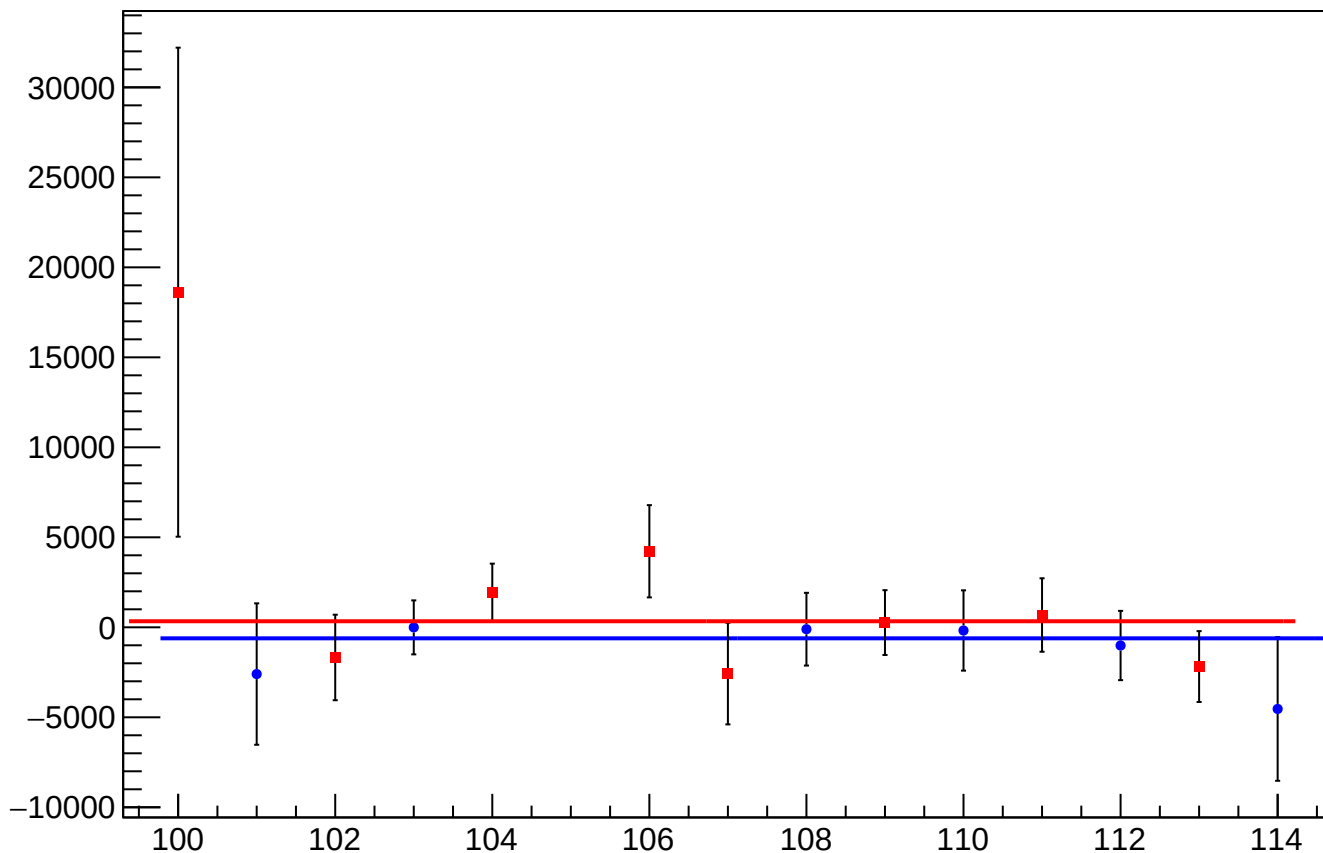
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2679034.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -612.843+/-881.285 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.145+/-777.287 χ^2/NDF : 8.5/7

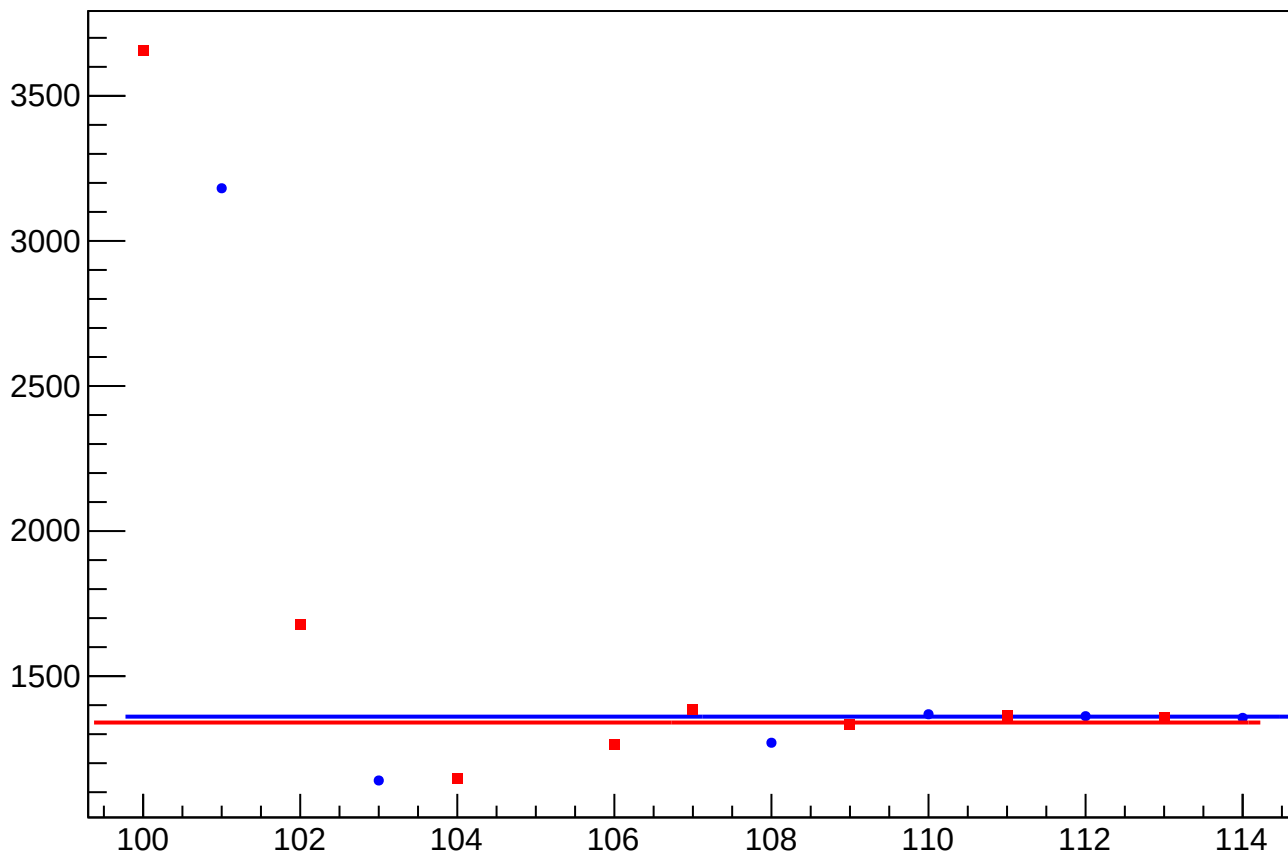
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.077+/-582.944 χ^2/NDF : 10.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1360.402 $\pm$ 0.623 χ^2 /NDF: 476807.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1340.093 $\pm$ 0.550 χ^2 /NDF: 129502.4/7

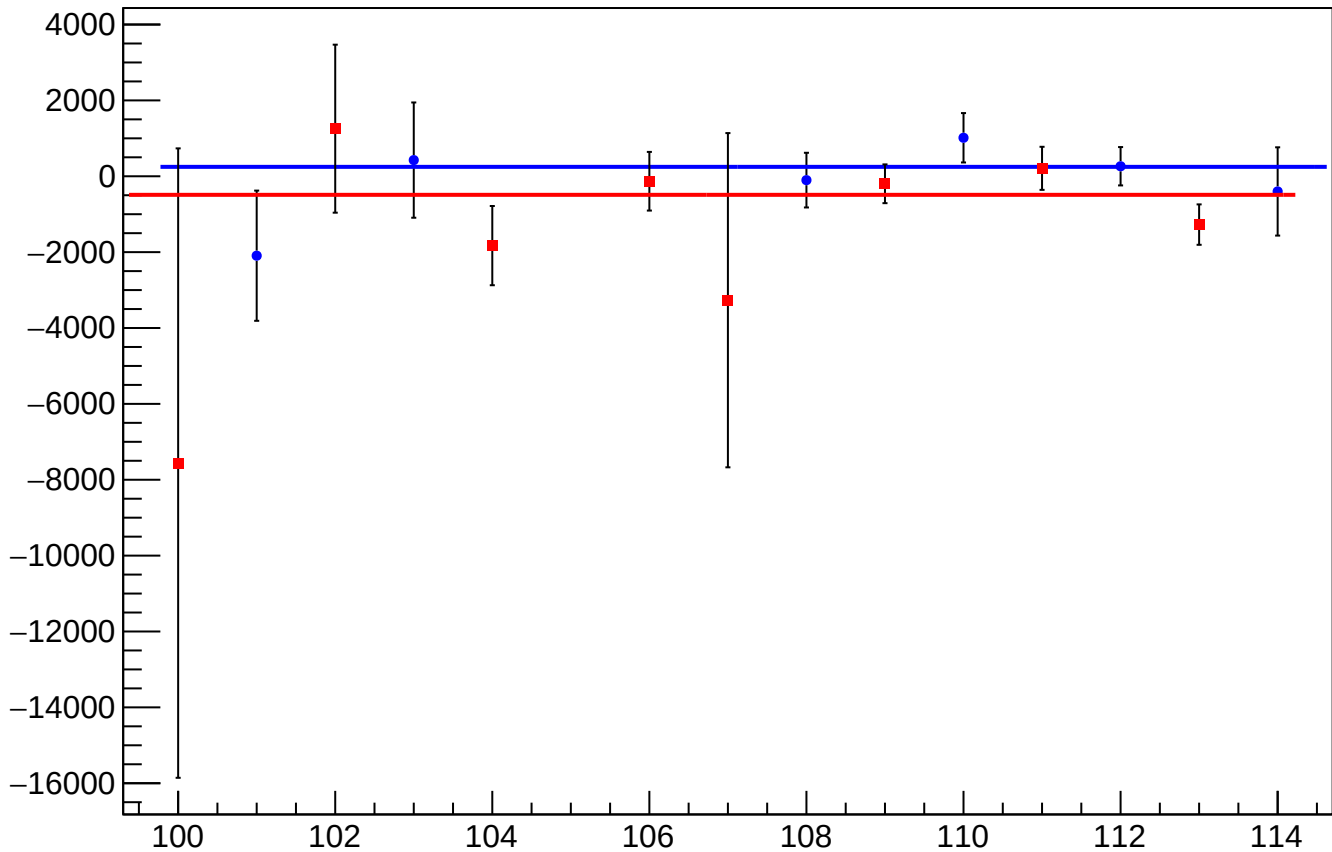
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1348.979 $\pm$ 0.412 χ^2 /NDF: 606907.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: 248.309 $\pm$ 320.917 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -489.238 $\pm$ 274.020 χ^2 /NDF: 7.6/7

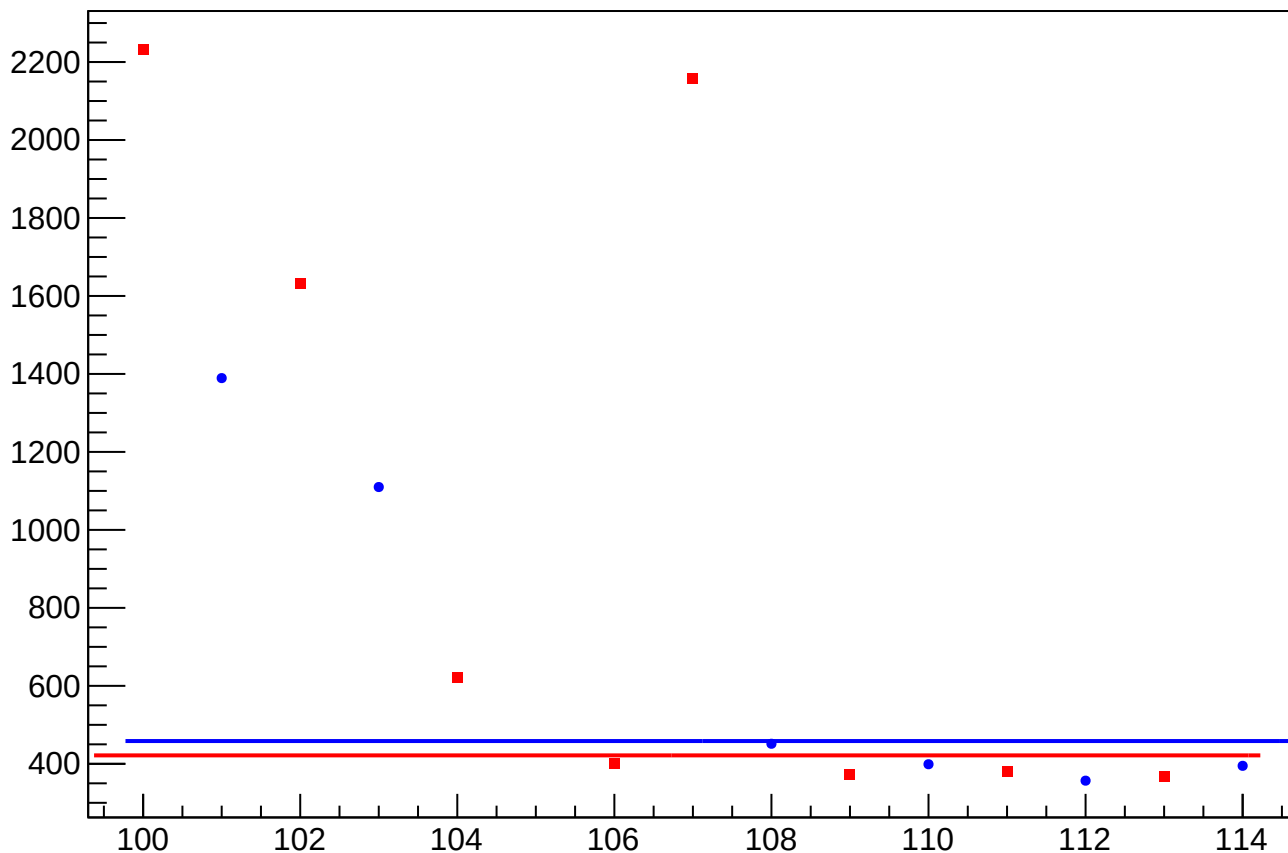
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.244 $\pm$ 208.389 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 458.435+/-0.227 χ^2/NDF : 1059914.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.668+/-0.194 χ^2/NDF : 1128319.7/7

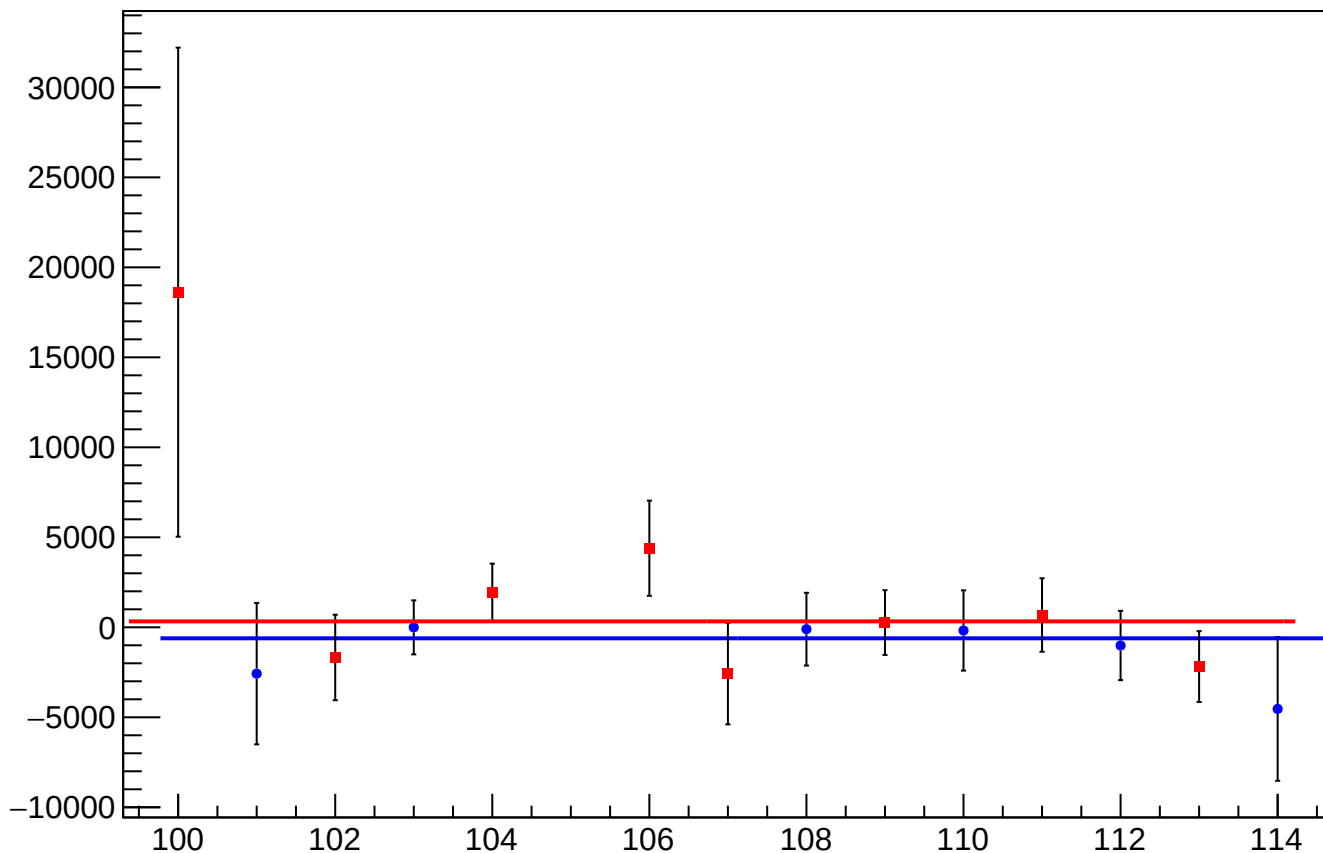
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.171+/-0.147 χ^2/NDF : 2203417.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.426+/-779.434 χ^2/NDF : 8.6/7

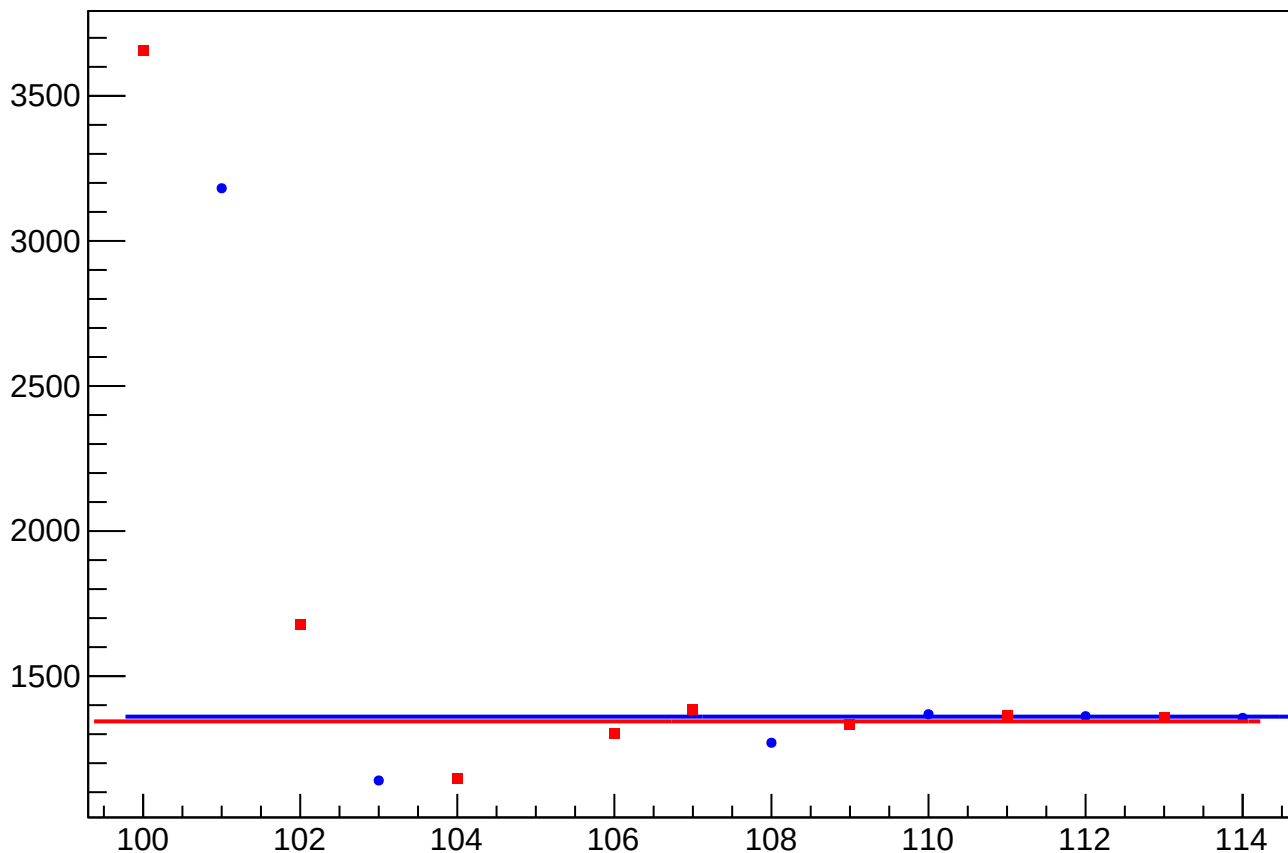
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.584+/-583.848 χ^2/NDF : 10.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1360.402 $\pm$ 0.623 χ^2 /NDF: 476808.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1344.064 $\pm$ 0.551 χ^2 /NDF: 128020.9/7

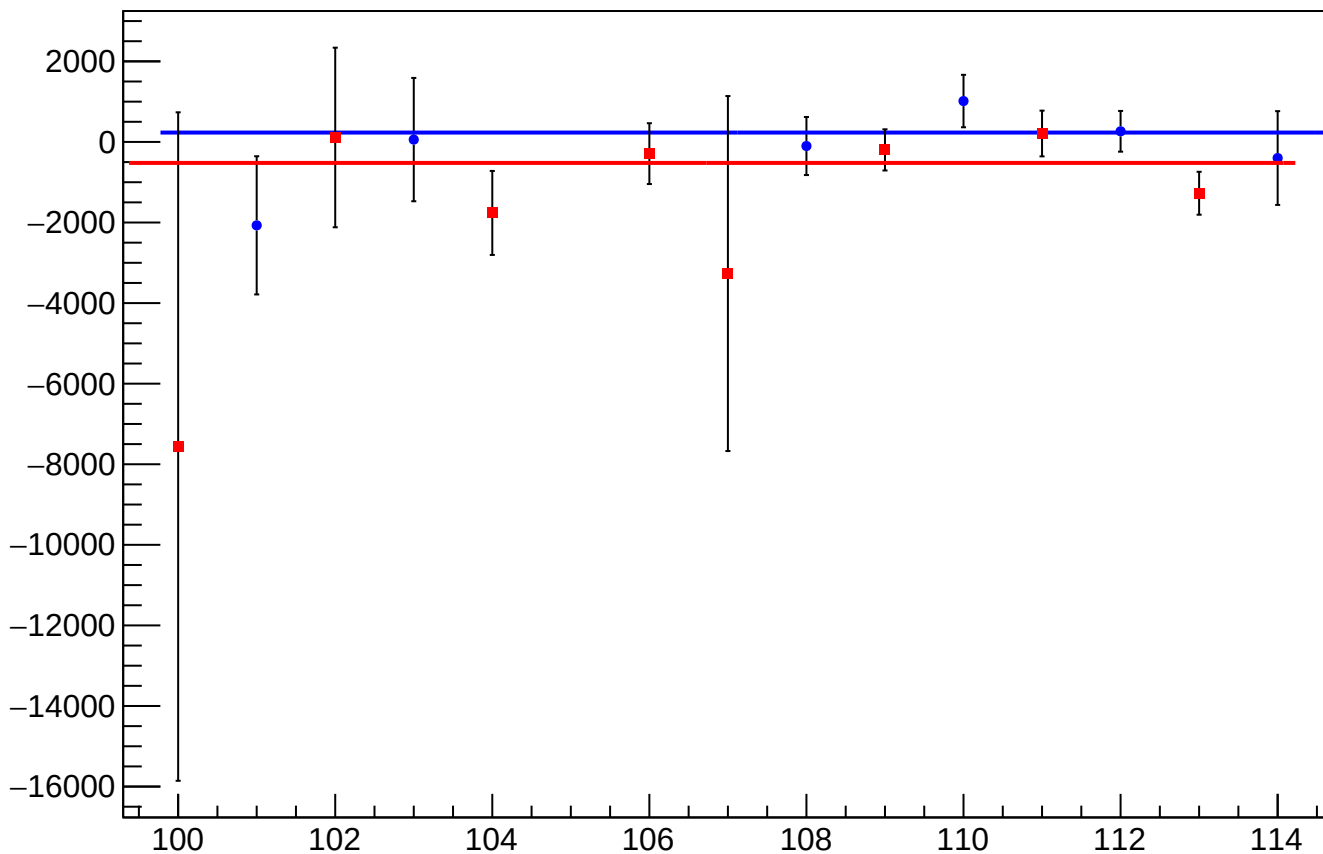
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1351.234 $\pm$ 0.413 χ^2 /NDF: 605215.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: 232.773 $\pm$ 321.014 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -520.926 $\pm$ 273.176 χ^2 /NDF: 6.8/7

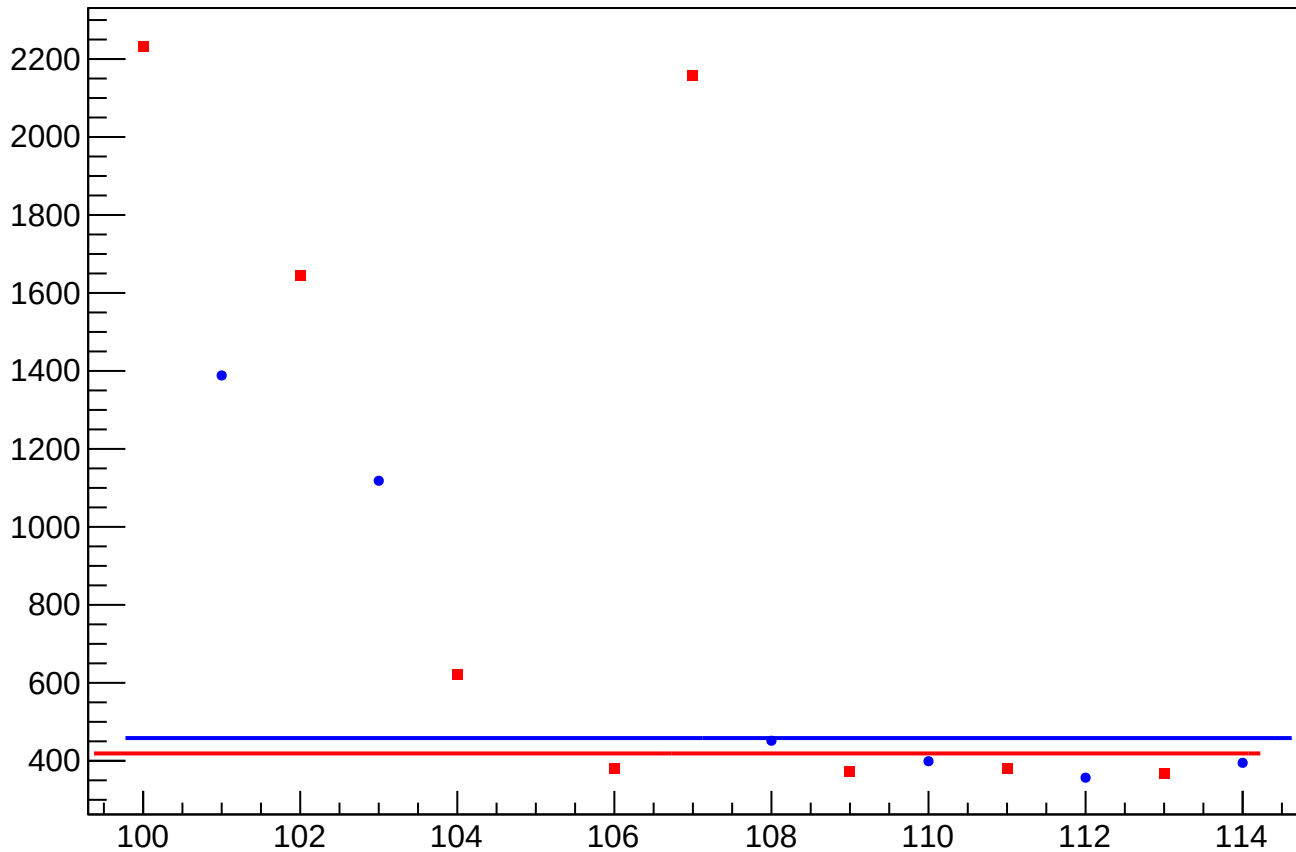
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.365 $\pm$ 208.043 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 458.389 $\pm$ 0.227 χ^2 /NDF: 1063515.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 418.965 $\pm$ 0.193 χ^2 /NDF: 1139192.0/7

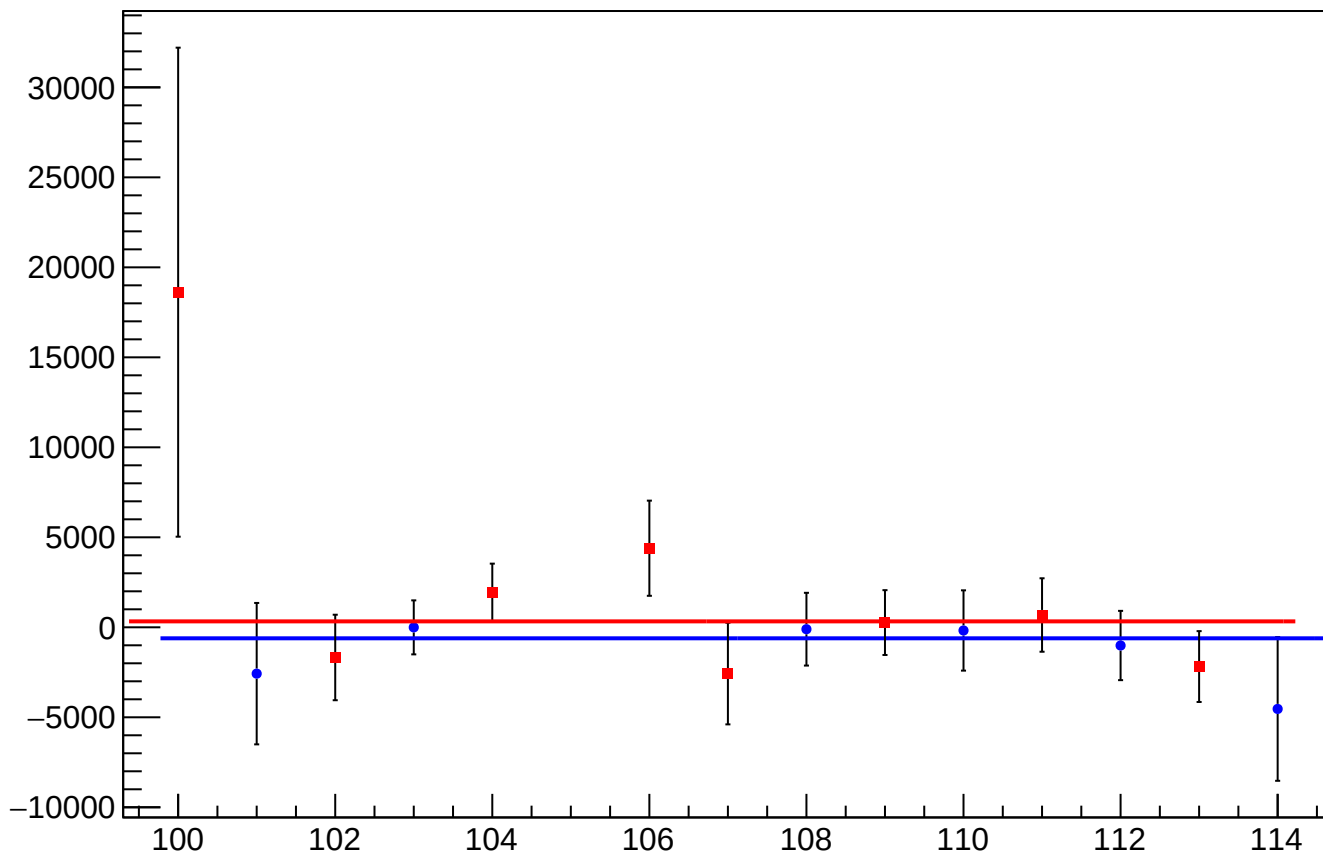
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 435.523 $\pm$ 0.147 χ^2 /NDF: 2220203.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.426+/-779.434 χ^2/NDF : 8.6/7

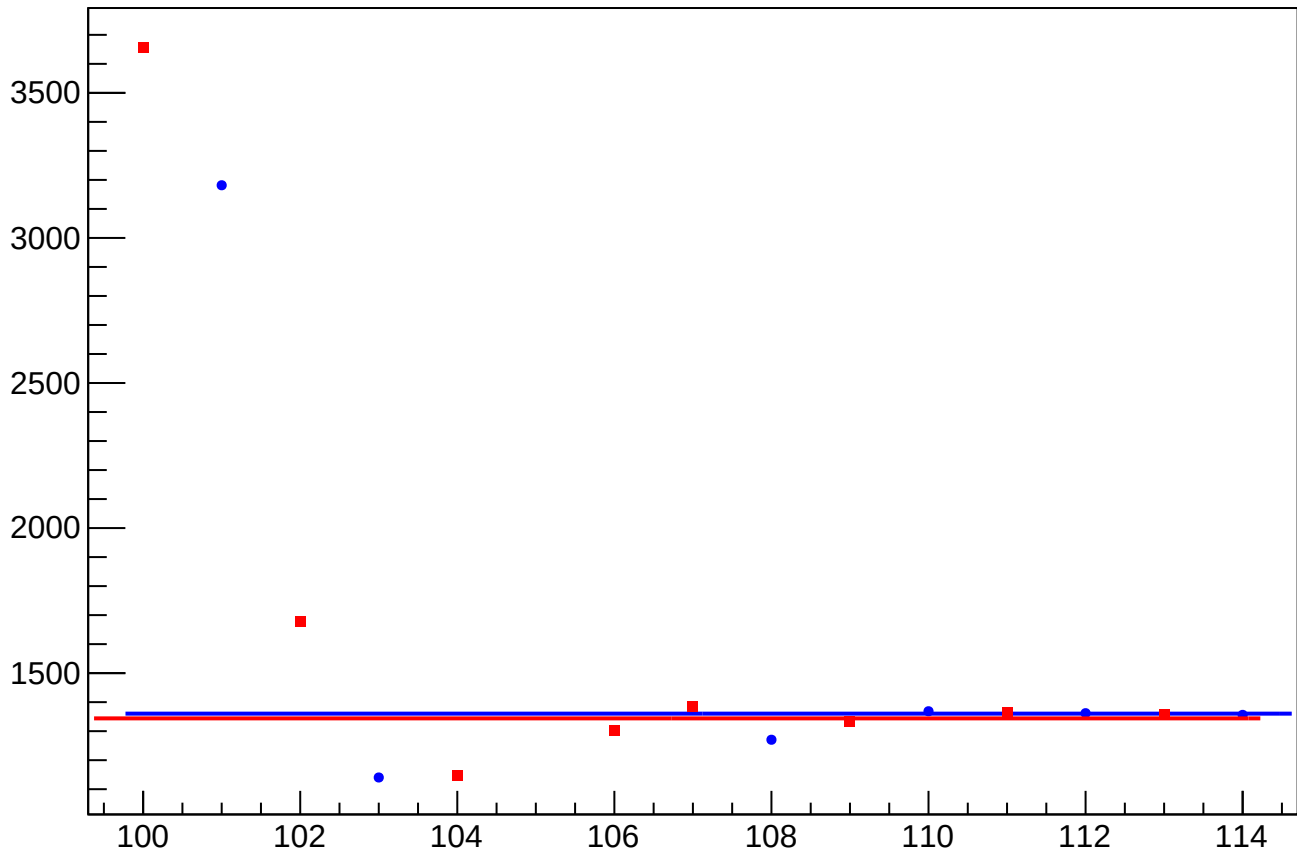
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.584+/-583.848 χ^2/NDF : 10.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1360.402 $\pm$ 0.623 χ^2 /NDF: 476808.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.064 $\pm$ 0.551 χ^2 /NDF: 128020.9/7

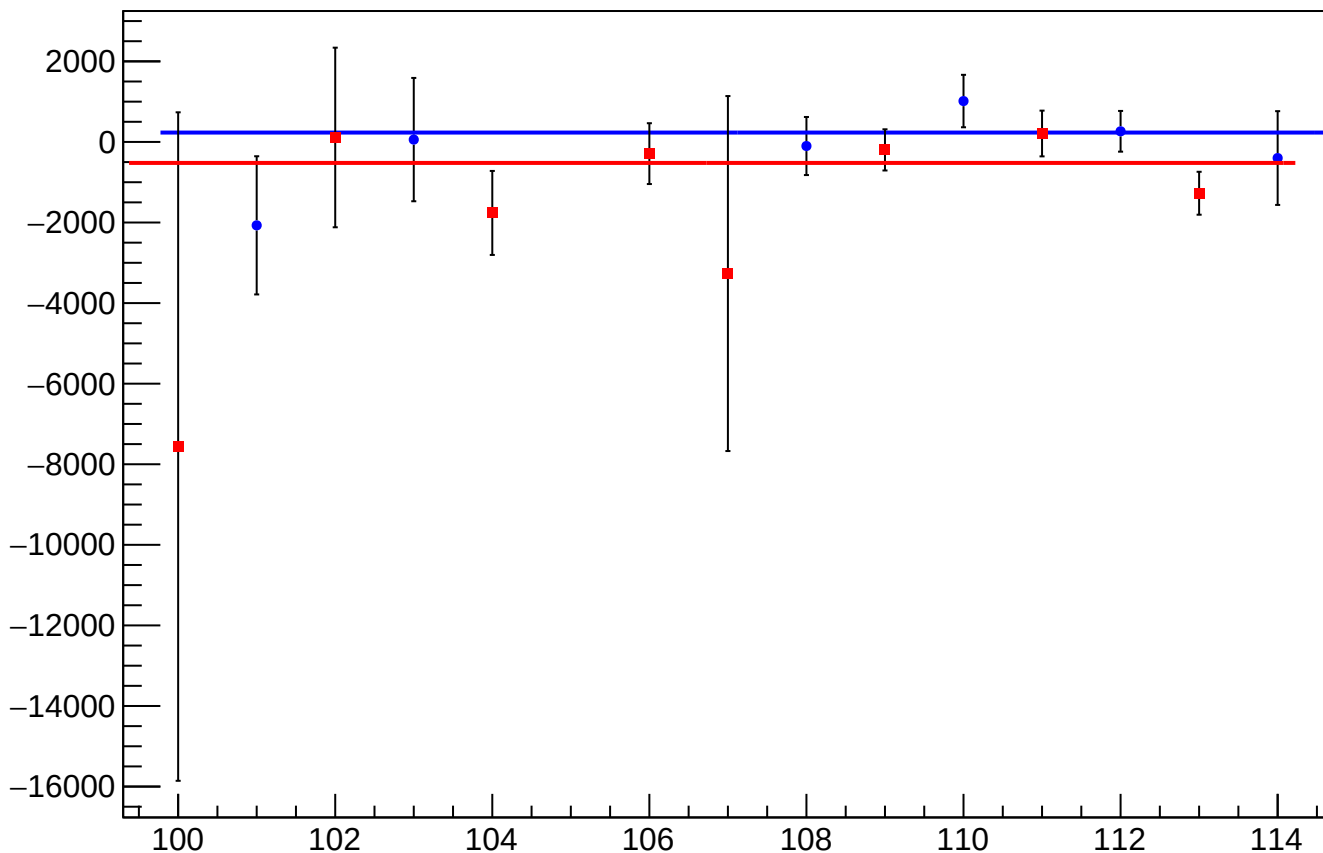
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1351.234 $\pm$ 0.413 χ^2 /NDF: 605215.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 232.773+/-321.014 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -520.926+/-273.176 χ^2/NDF : 6.8/7

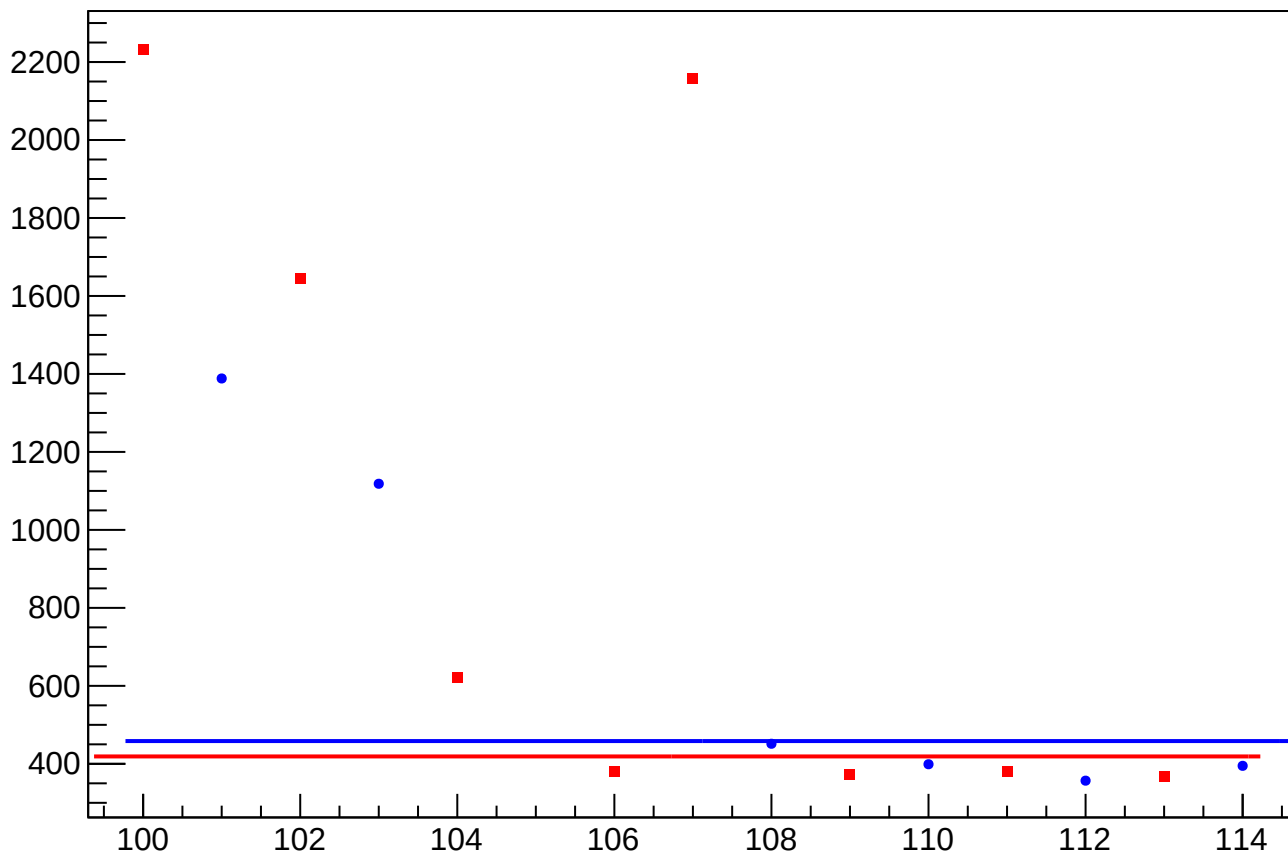
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.365+/-208.043 χ^2/NDF : 13.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

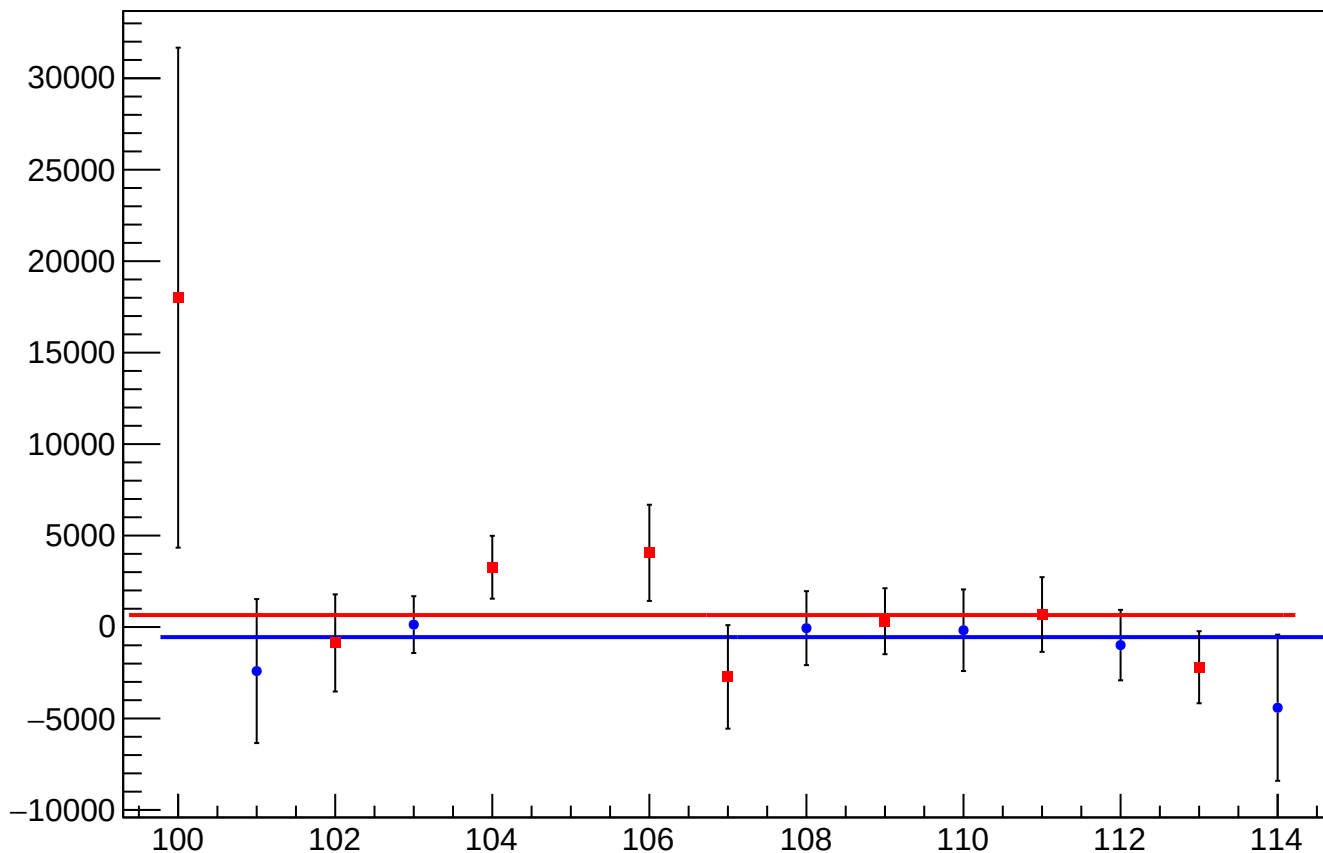
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -552.167+/-892.001 χ^2 /NDF: 1.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 654.622+/-800.366 χ^2 /NDF: 9.5/7

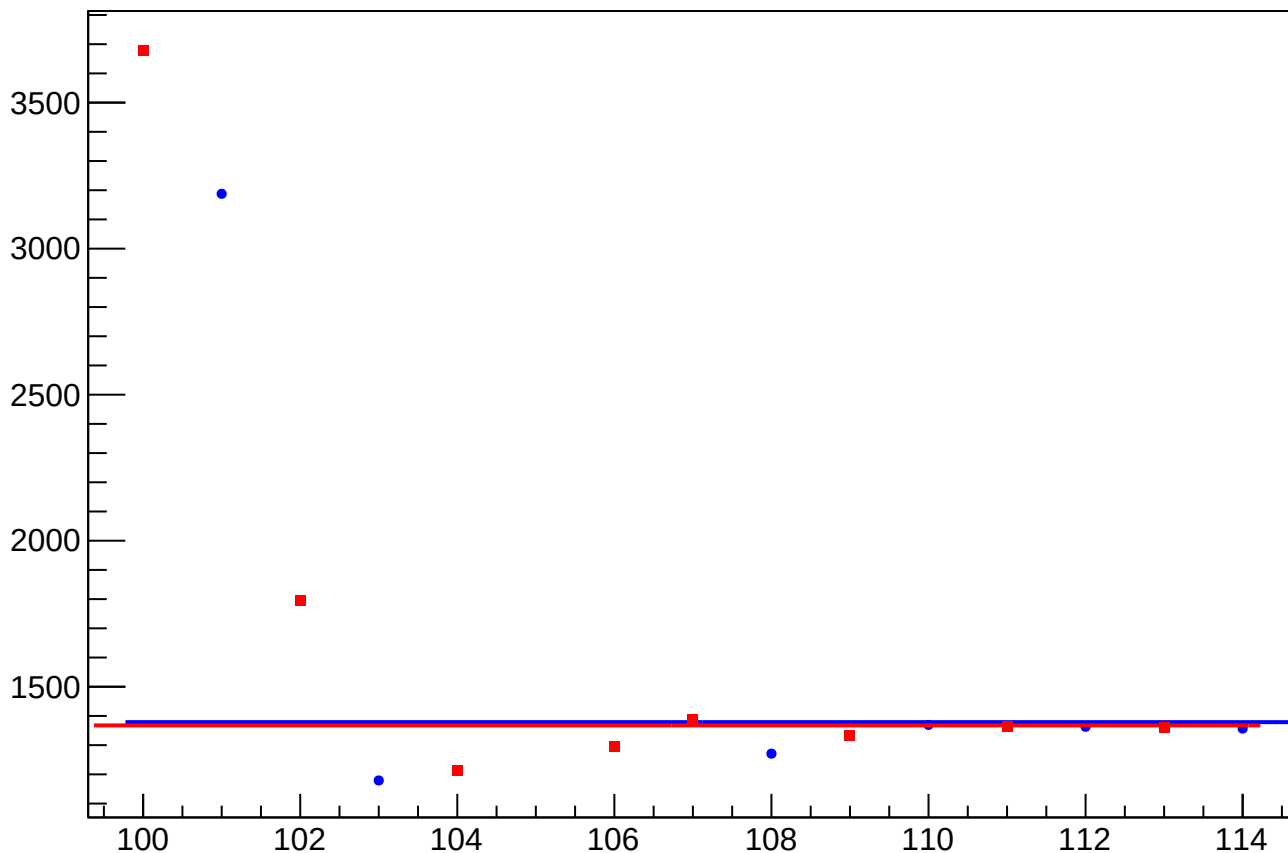
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 116.379+/-595.715 χ^2 /NDF: 12.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1378.751 $\pm$ 0.631 χ^2 /NDF: 461381.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1367.613 $\pm$ 0.566 χ^2 /NDF: 127287.8/7

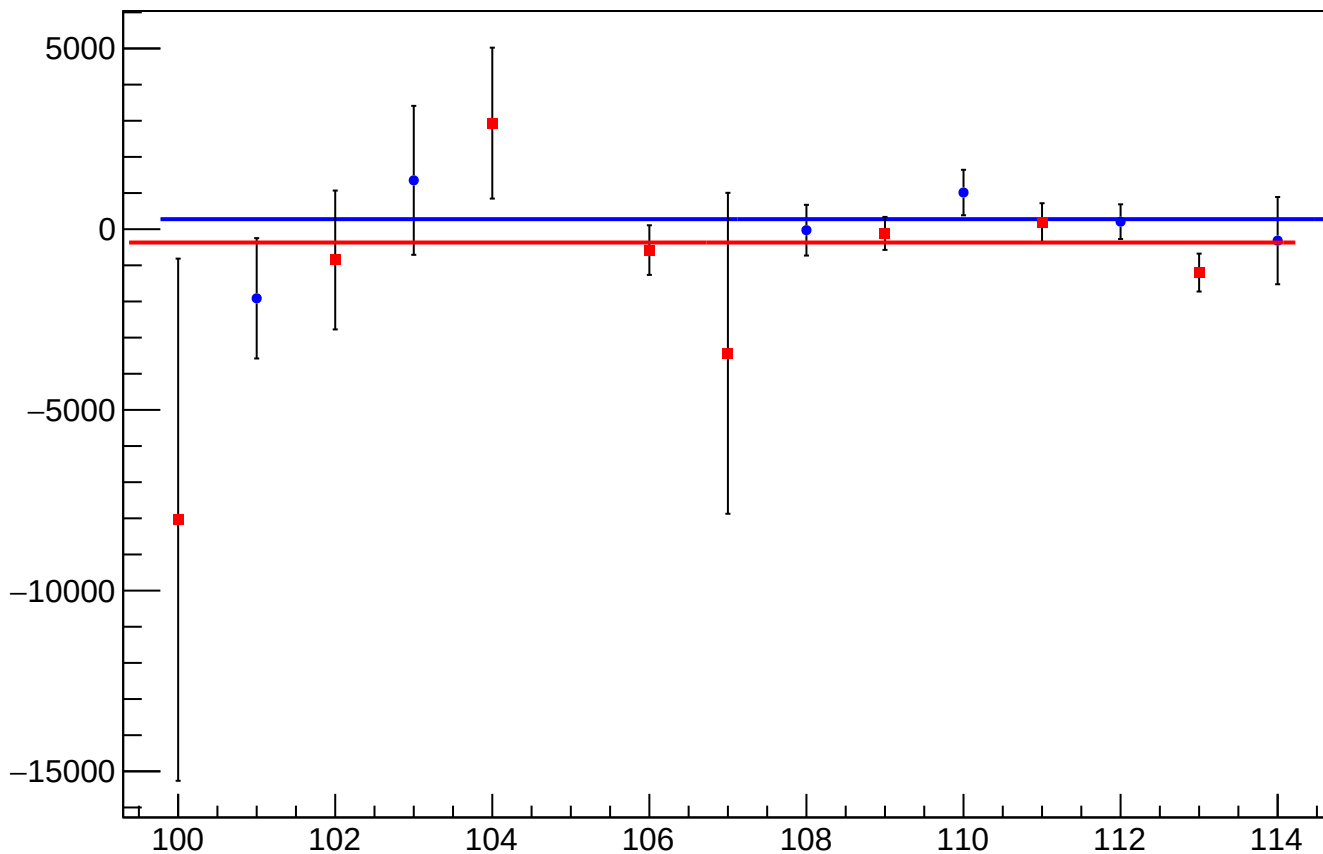
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1372.581 $\pm$ 0.421 χ^2 /NDF: 588842.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: 277.332 $\pm$ 313.316 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -368.627 $\pm$ 261.399 χ^2 /NDF: 8.2/7

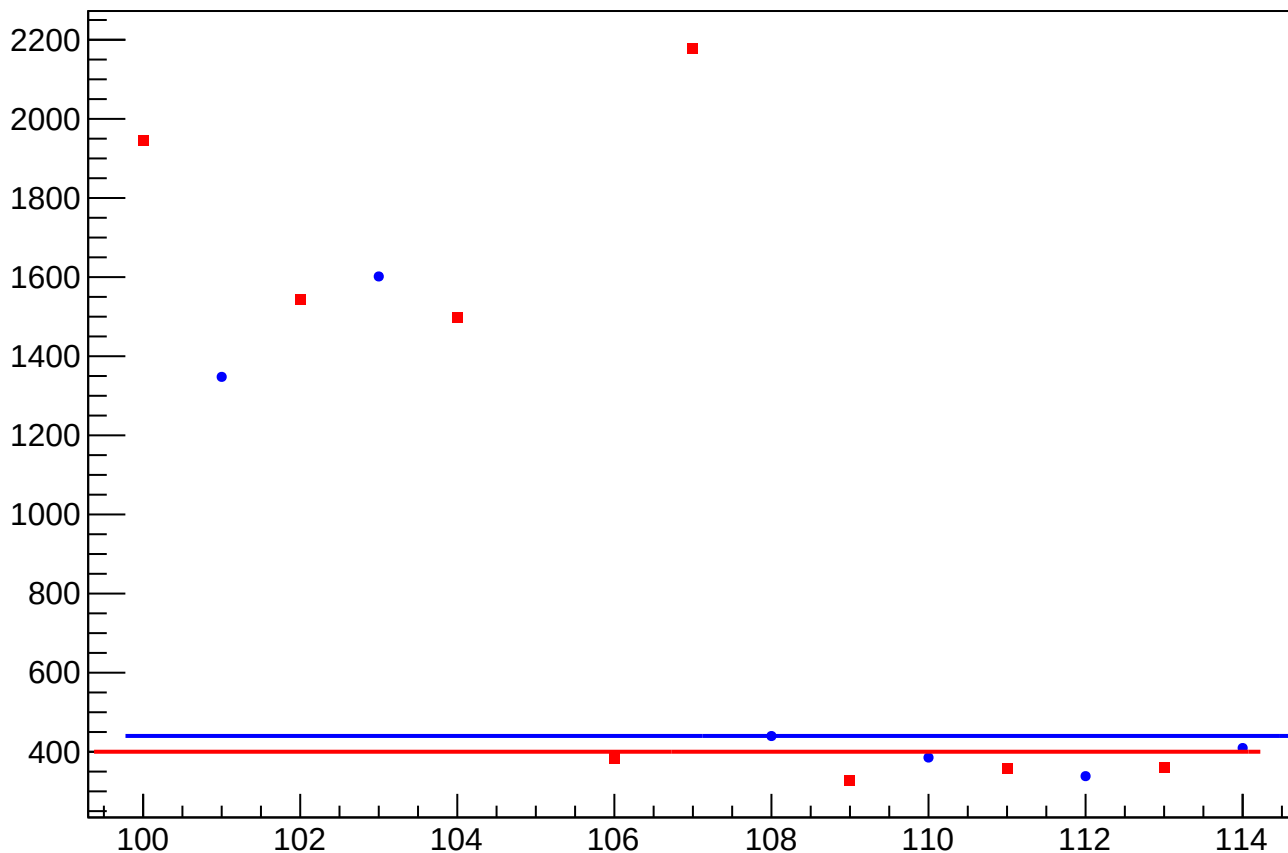
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.528 $\pm$ 200.717 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug



Right In: 440.104+/-0.222 χ^2/NDF : 1336450.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.180+/-0.185 χ^2/NDF : 1750225.1/7

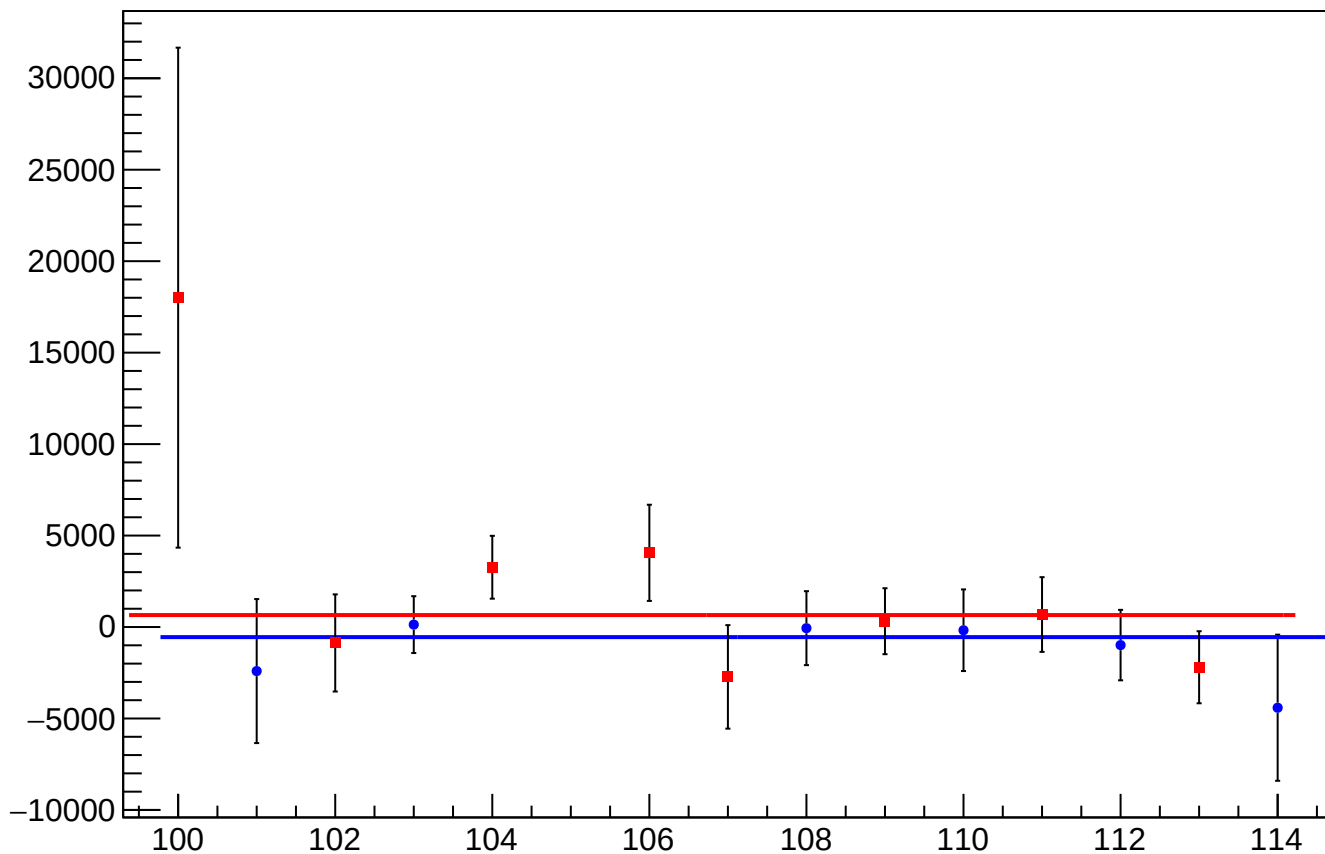
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.564+/-0.142 χ^2/NDF : 3105822.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -552.165+/-892.001 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.623+/-800.366 χ^2/NDF : 9.5/7

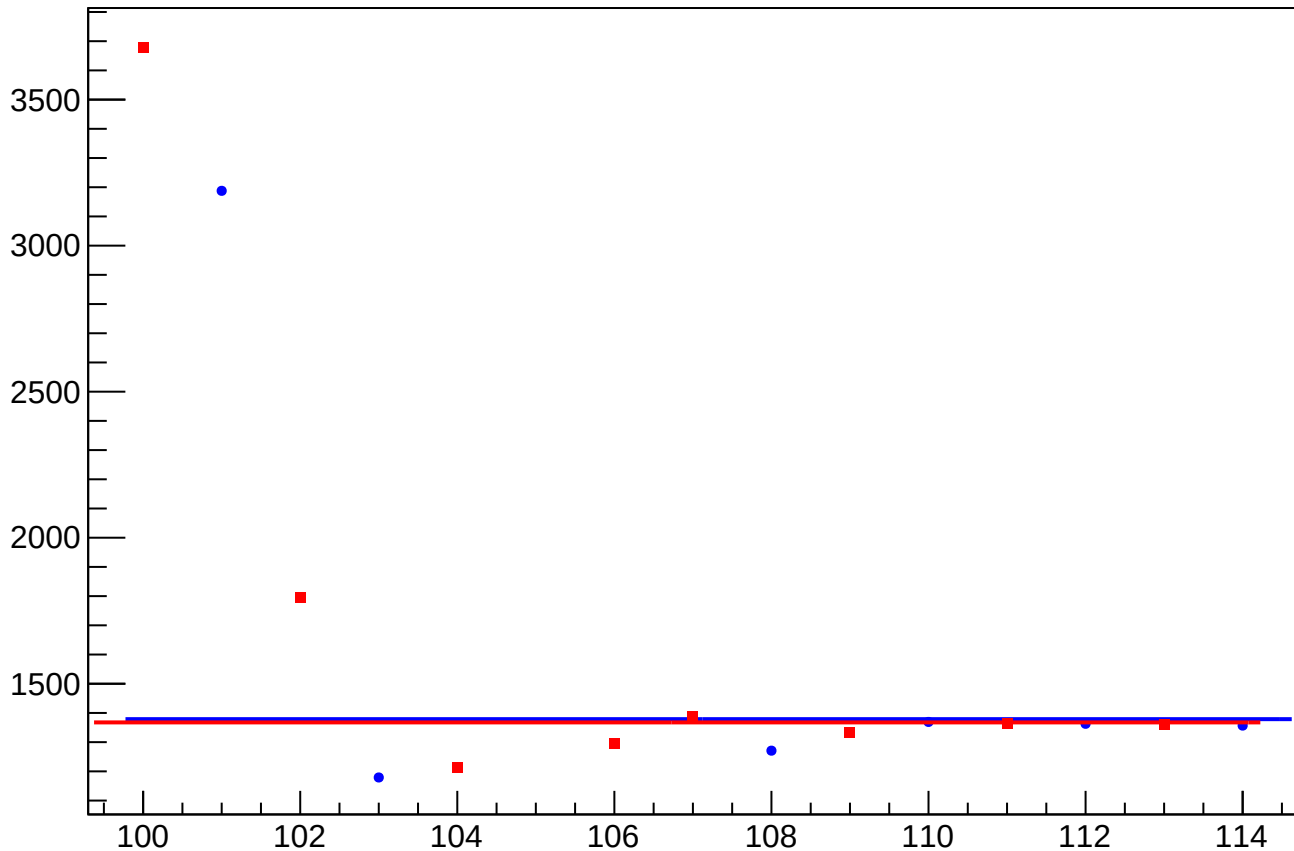
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.381+/-595.715 χ^2/NDF : 12.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1378.751+/-0.631 χ^2/NDF : 461381.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

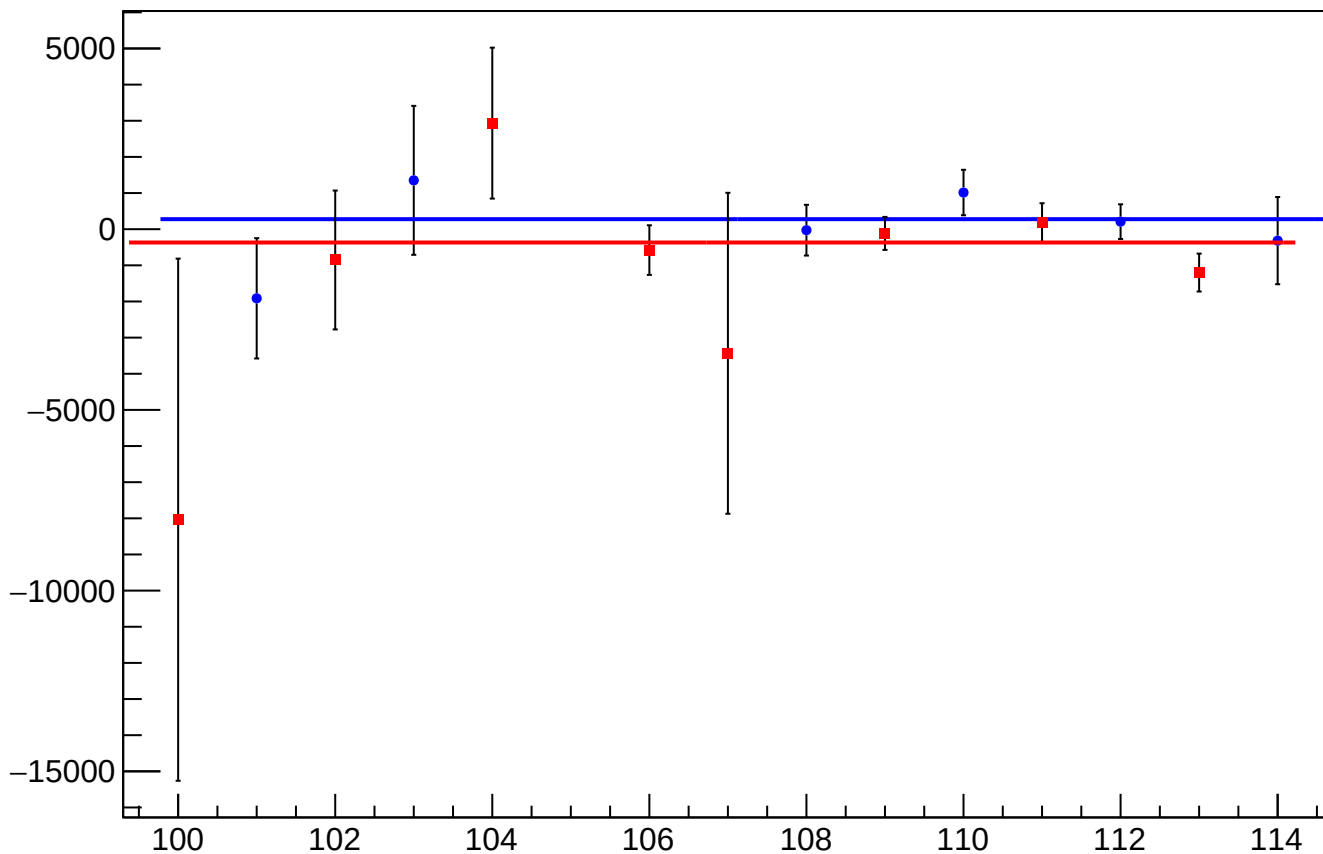
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 277.332 $\pm$ 313.314 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -368.626 $\pm$ 261.398 χ^2 /NDF: 8.2/7

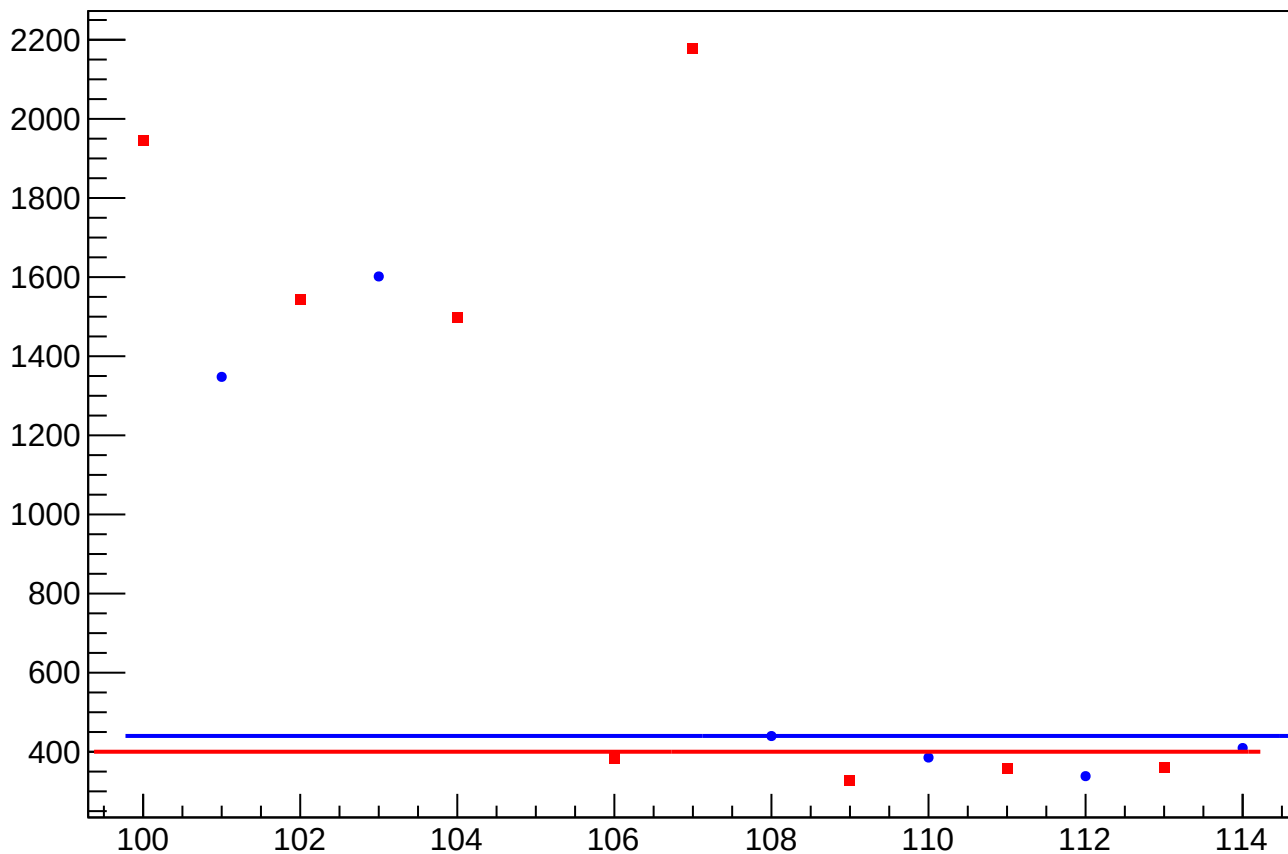
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.527 $\pm$ 200.716 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 440.101+/-0.222 χ^2/NDF : 1336453.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

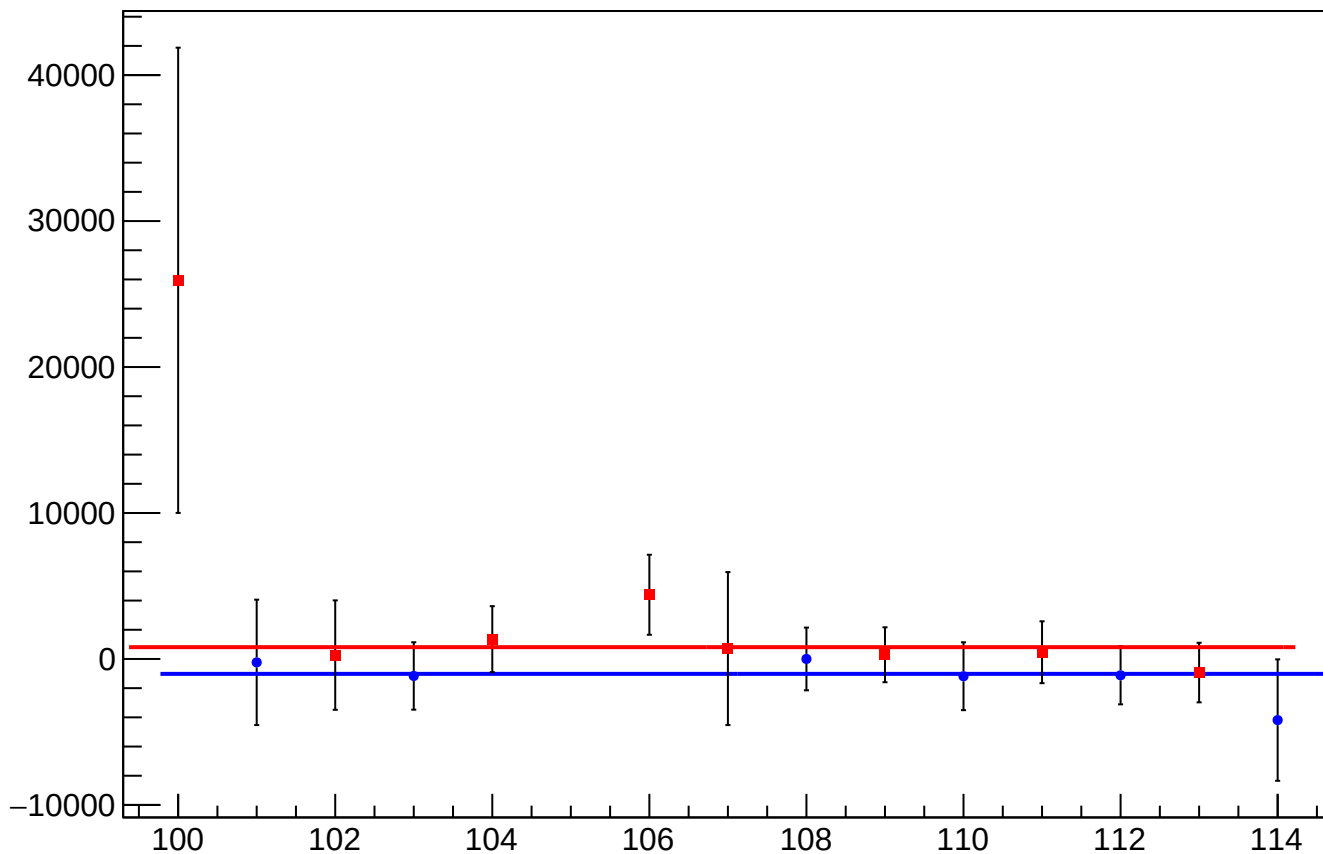
Right Out: 400.178+/-0.185 χ^2/NDF : 1750229.8/7

All: 416.562+/-0.142 χ^2/NDF : 3105828.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1021.278 $\pm$ 1024.116 χ^2 /NDF: 0.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 808.483 $\pm$ 918.280 χ^2 /NDF: 5.1/7

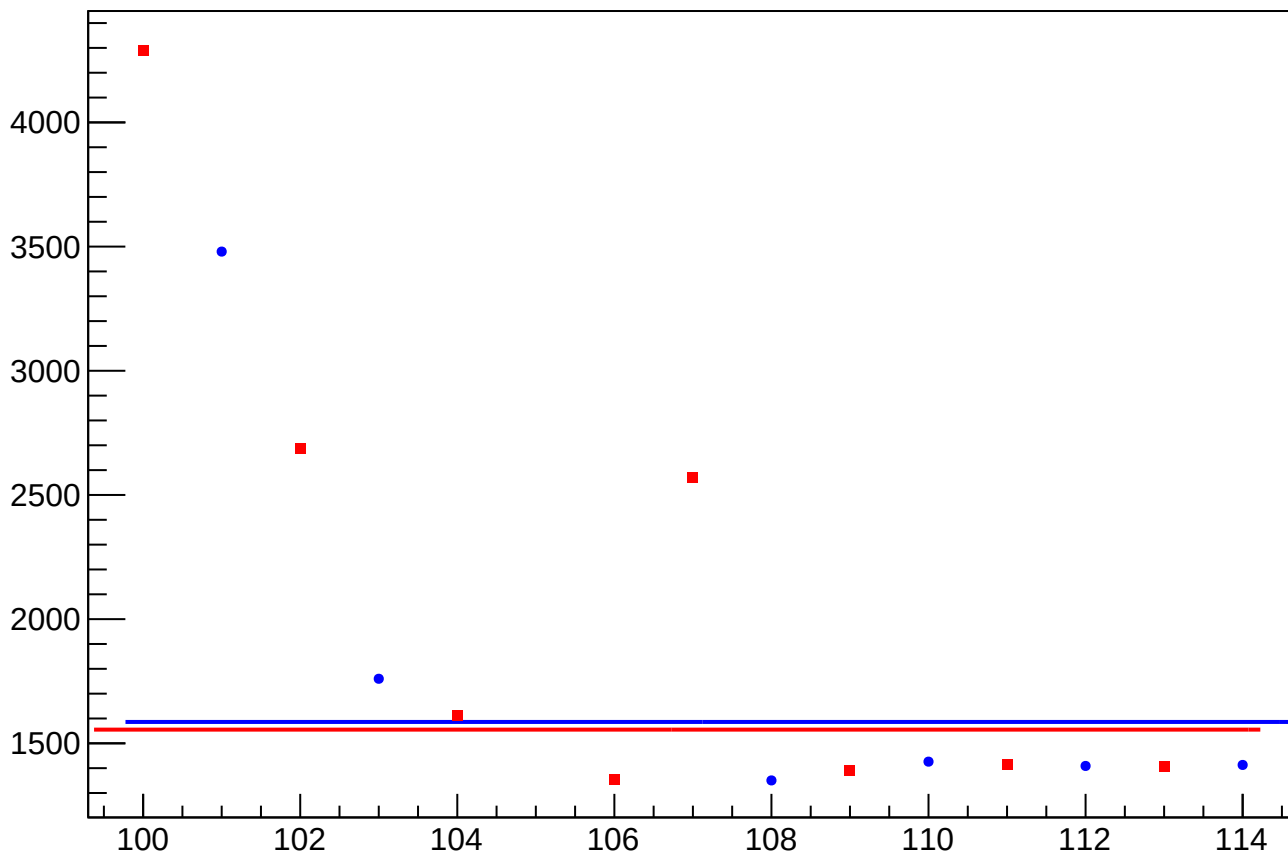
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.994 $\pm$ 683.688 χ^2 /NDF: 7.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1586.086+/-0.724 χ^2/NDF : 452845.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.172+/-0.649 χ^2/NDF : 362313.6/7

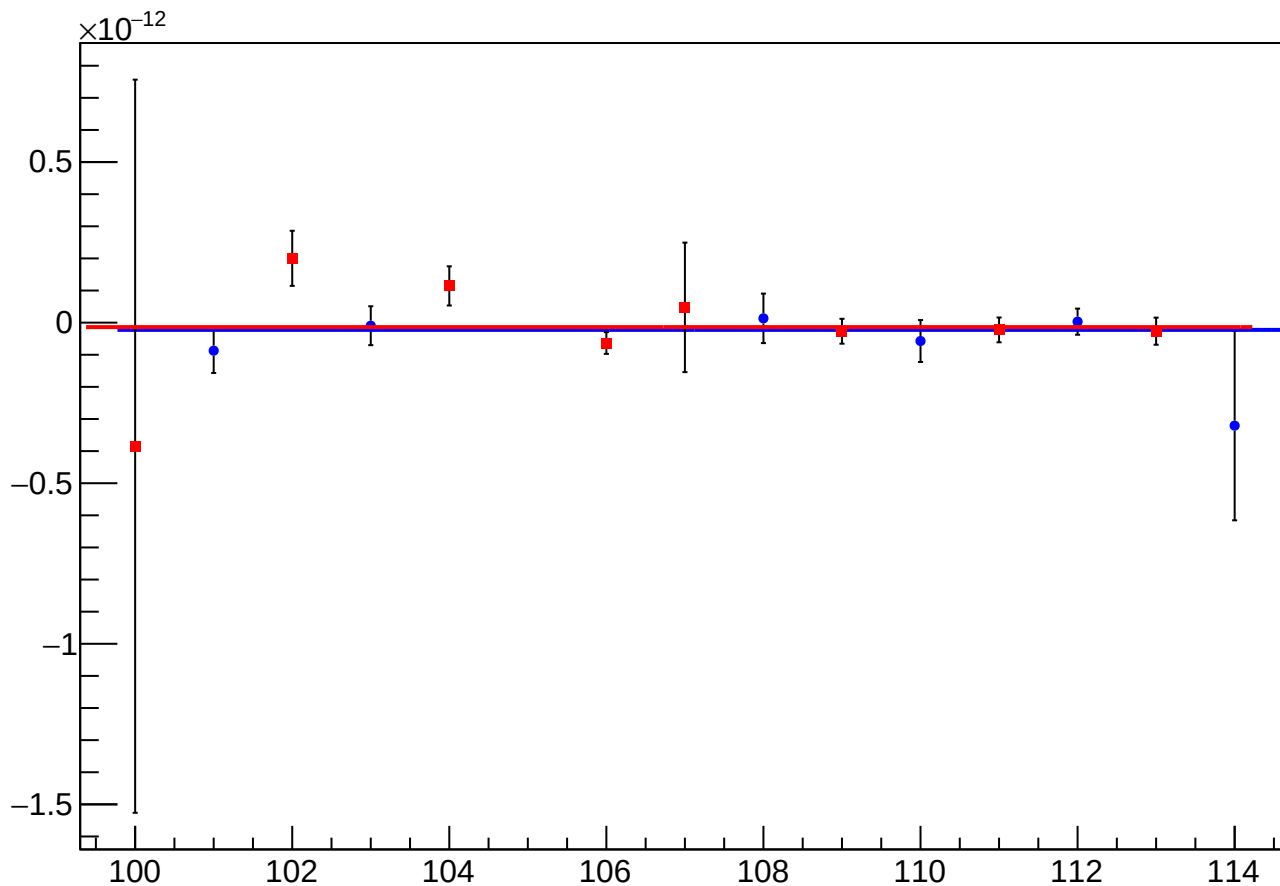
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.950+/-0.483 χ^2/NDF : 816168.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.2/7

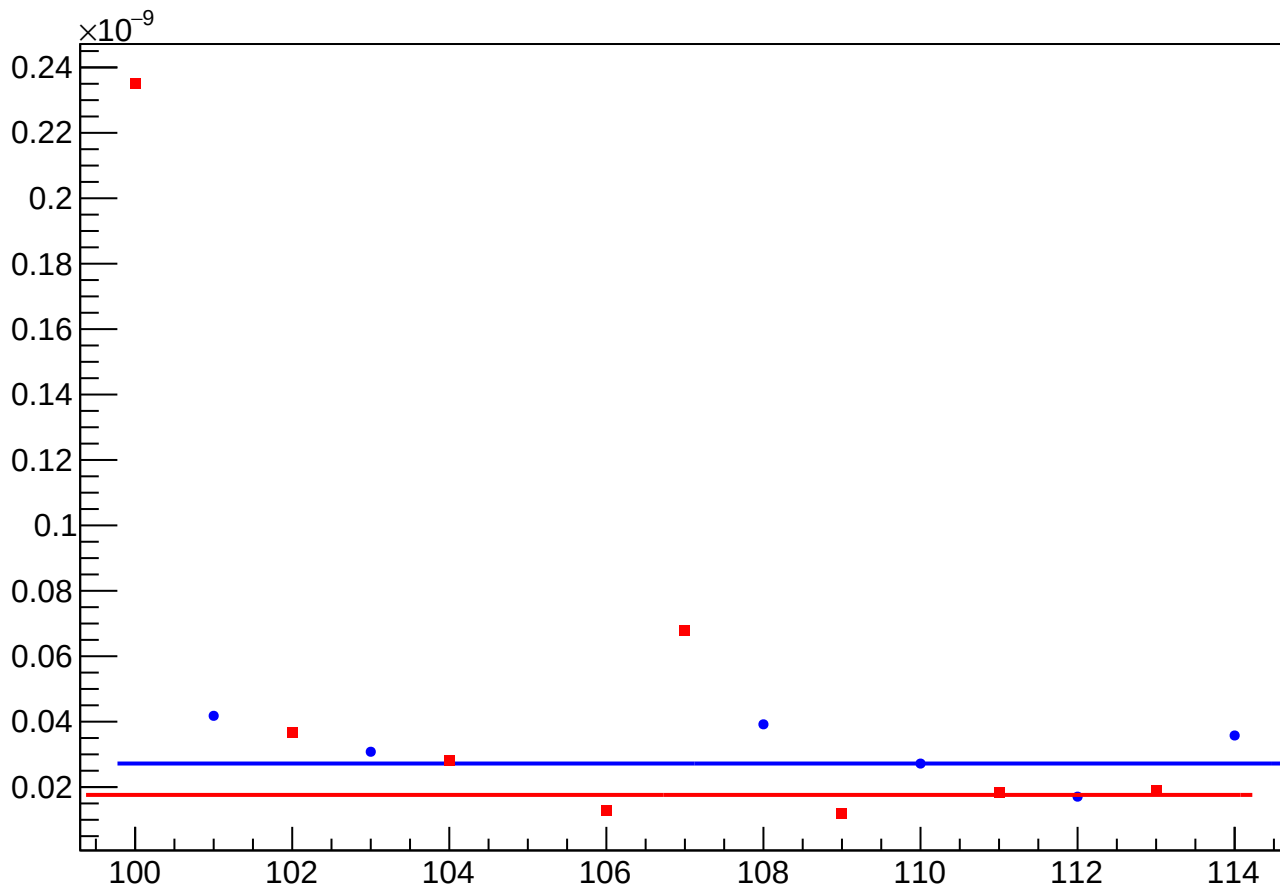
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 269135.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443623.6/7

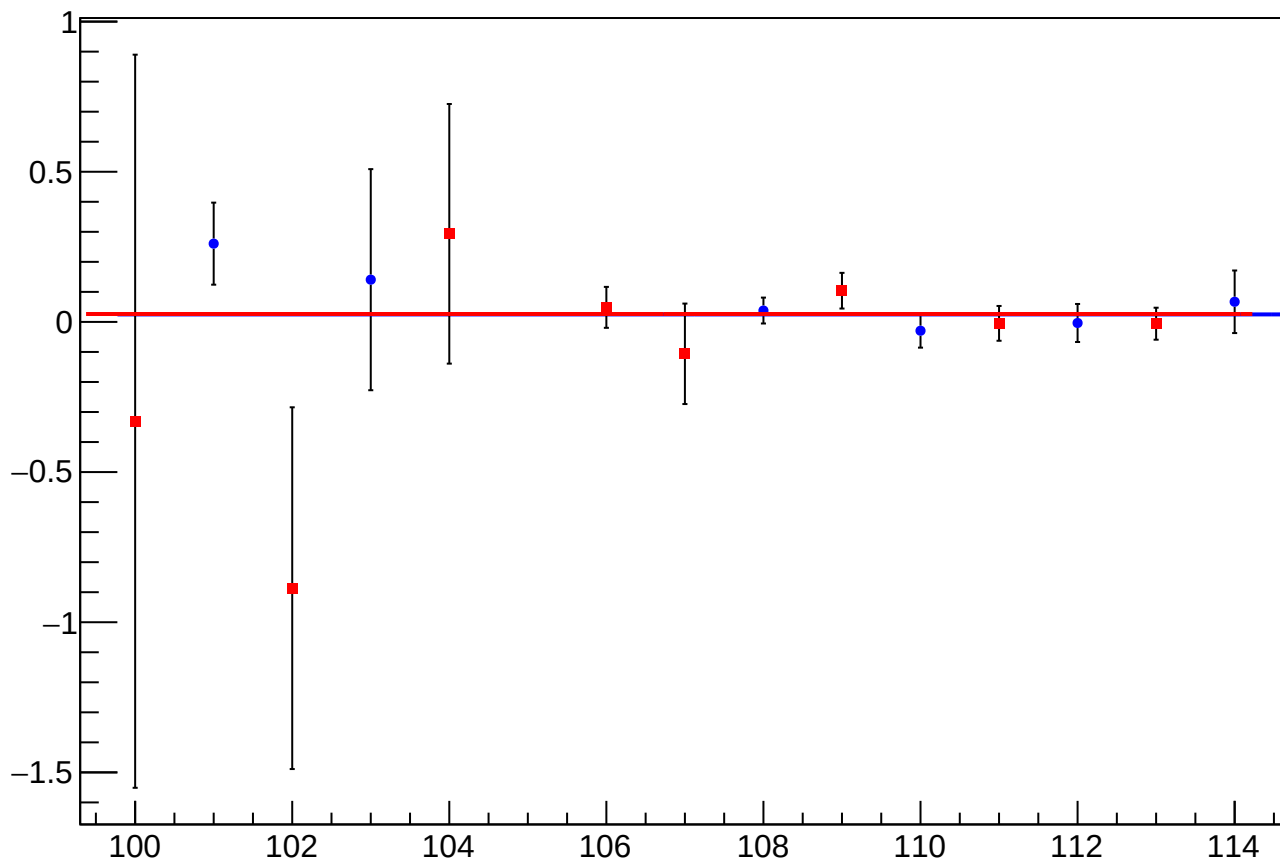
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 900754.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

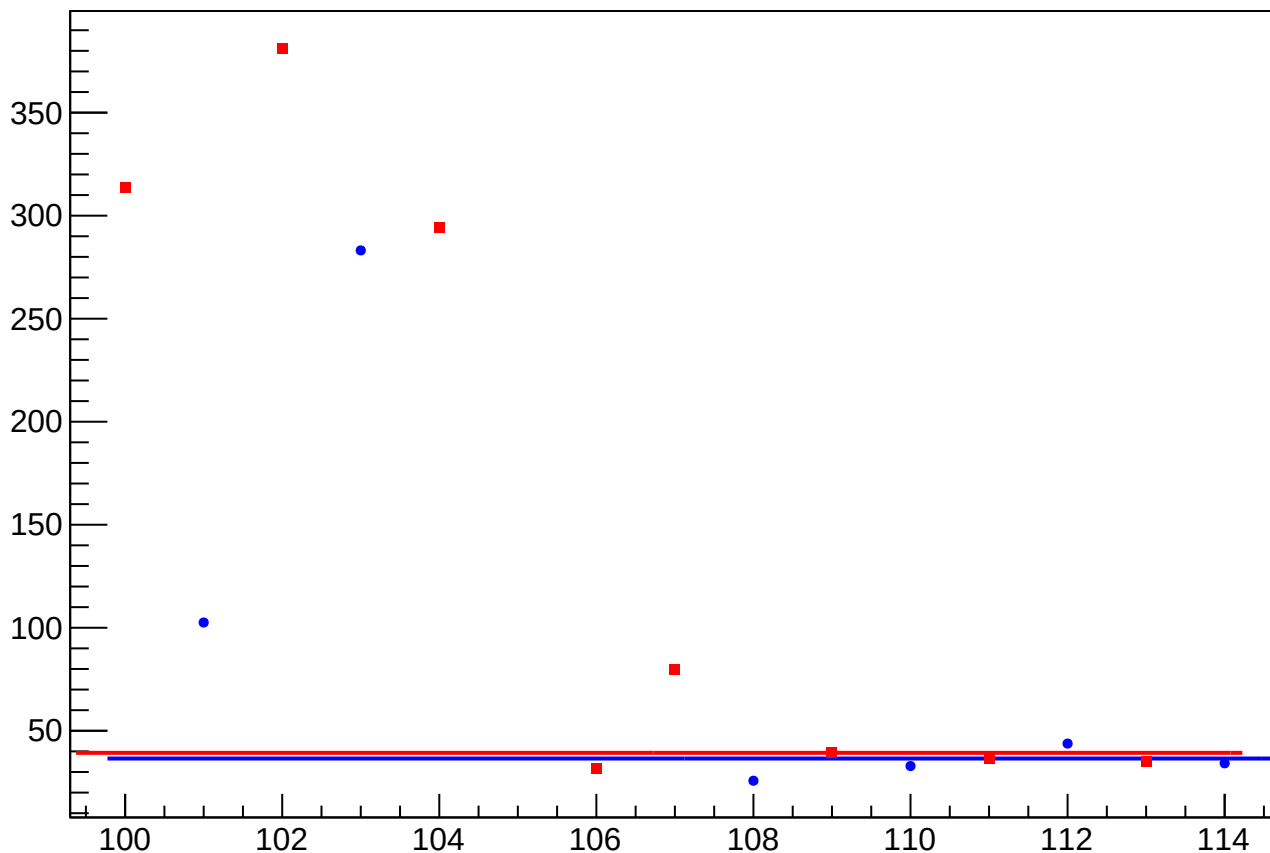
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 36.536 $\pm$ 0.020 χ^2 /NDF: 1525260.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.301 $\pm$ 0.020 χ^2 /NDF: 1599394.5/7

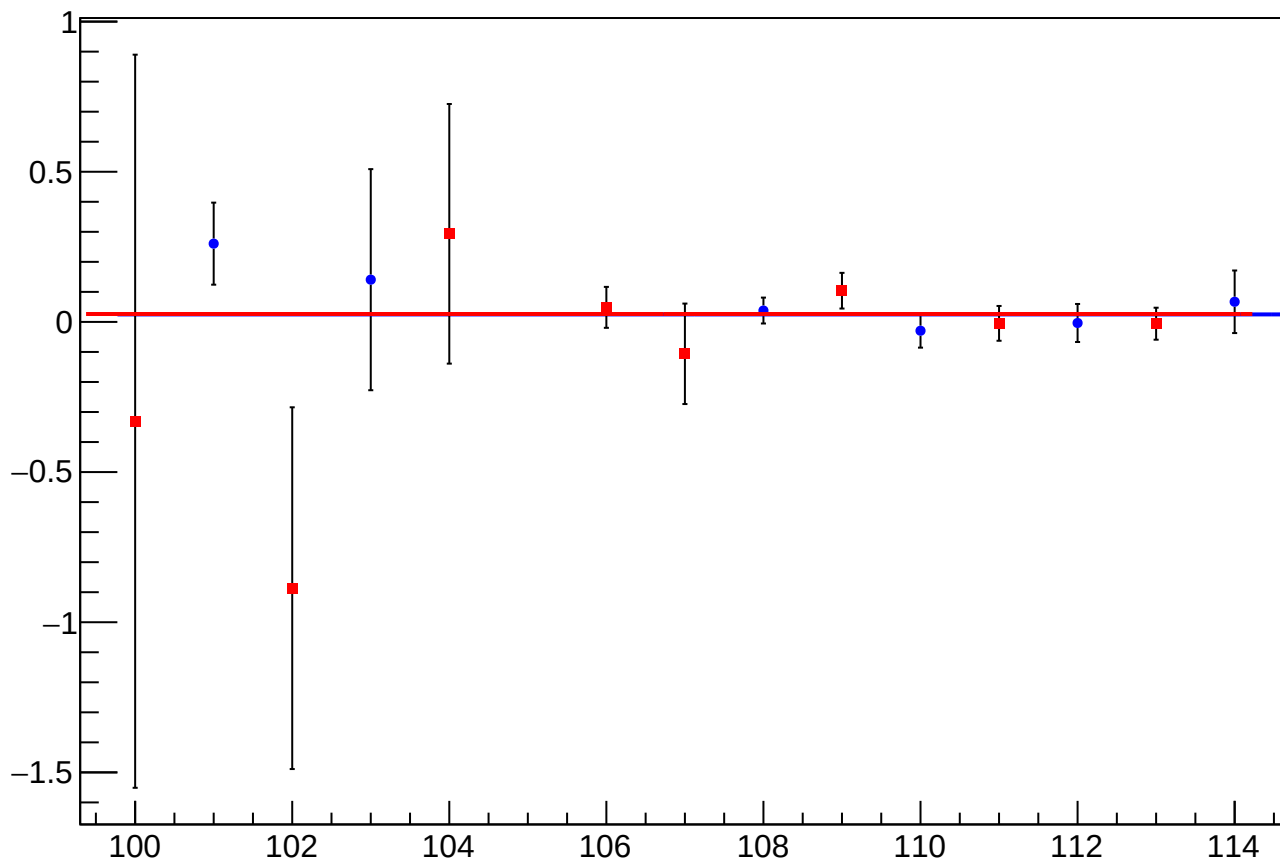
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.883 $\pm$ 0.014 χ^2 /NDF: 3134010.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

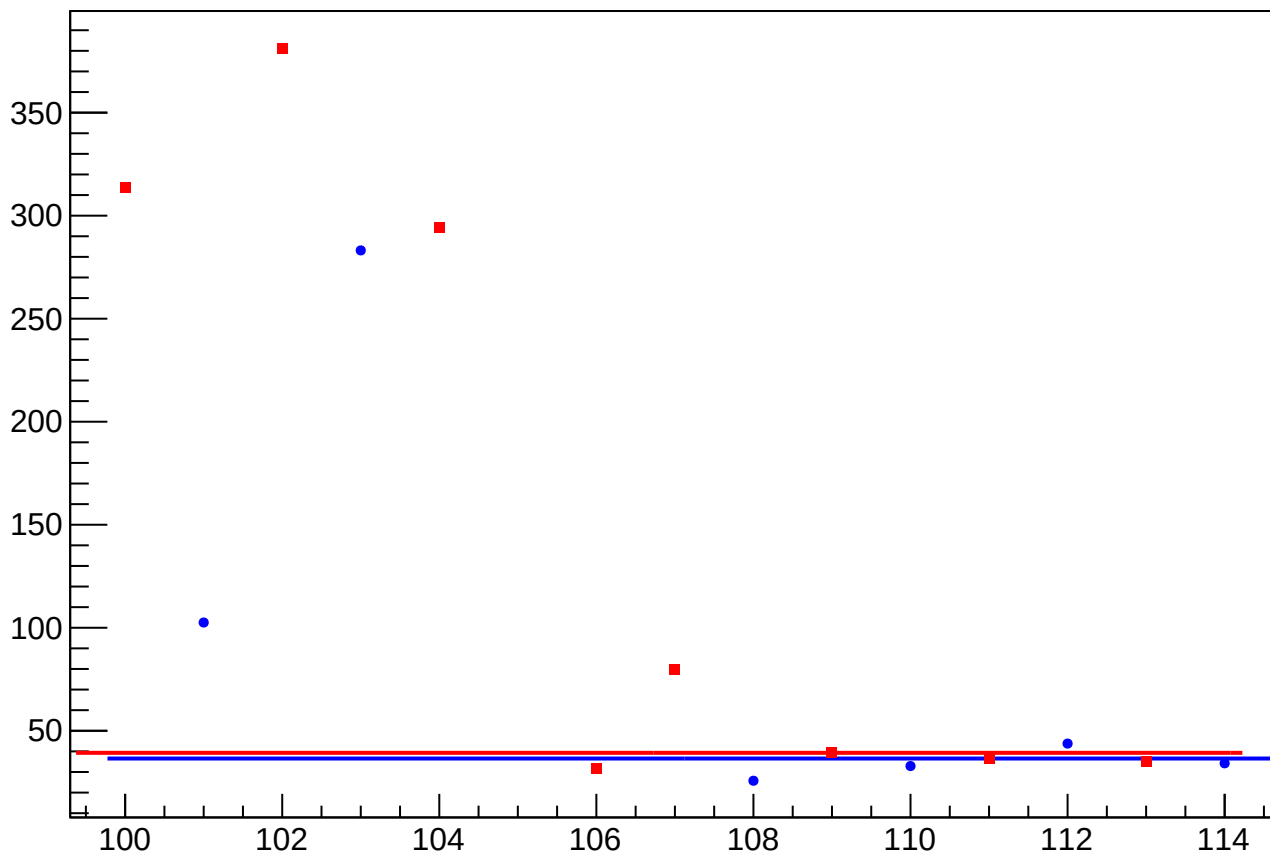
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.536+/-0.020 χ^2/NDF : 1525260.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.301+/-0.020 χ^2/NDF : 1599394.5/7

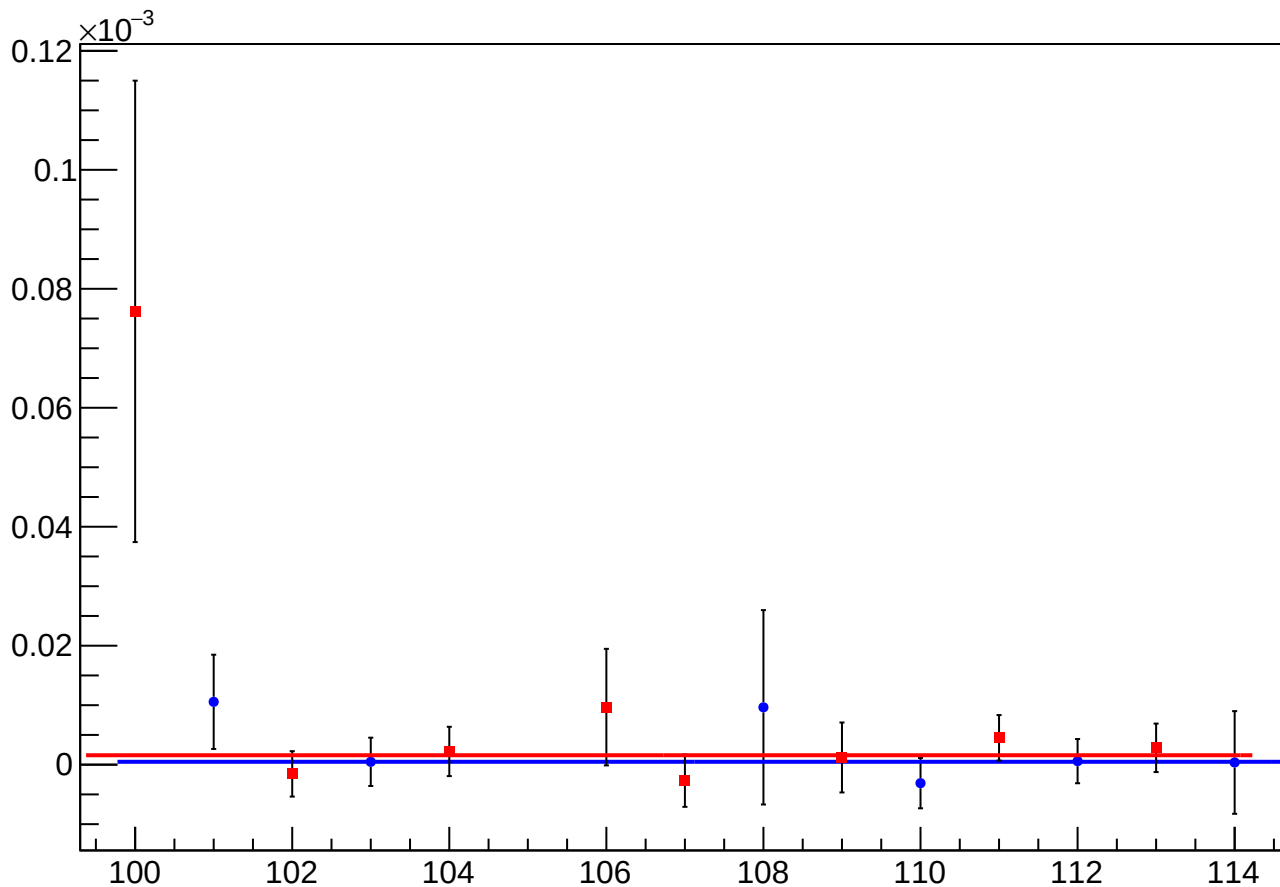
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/7

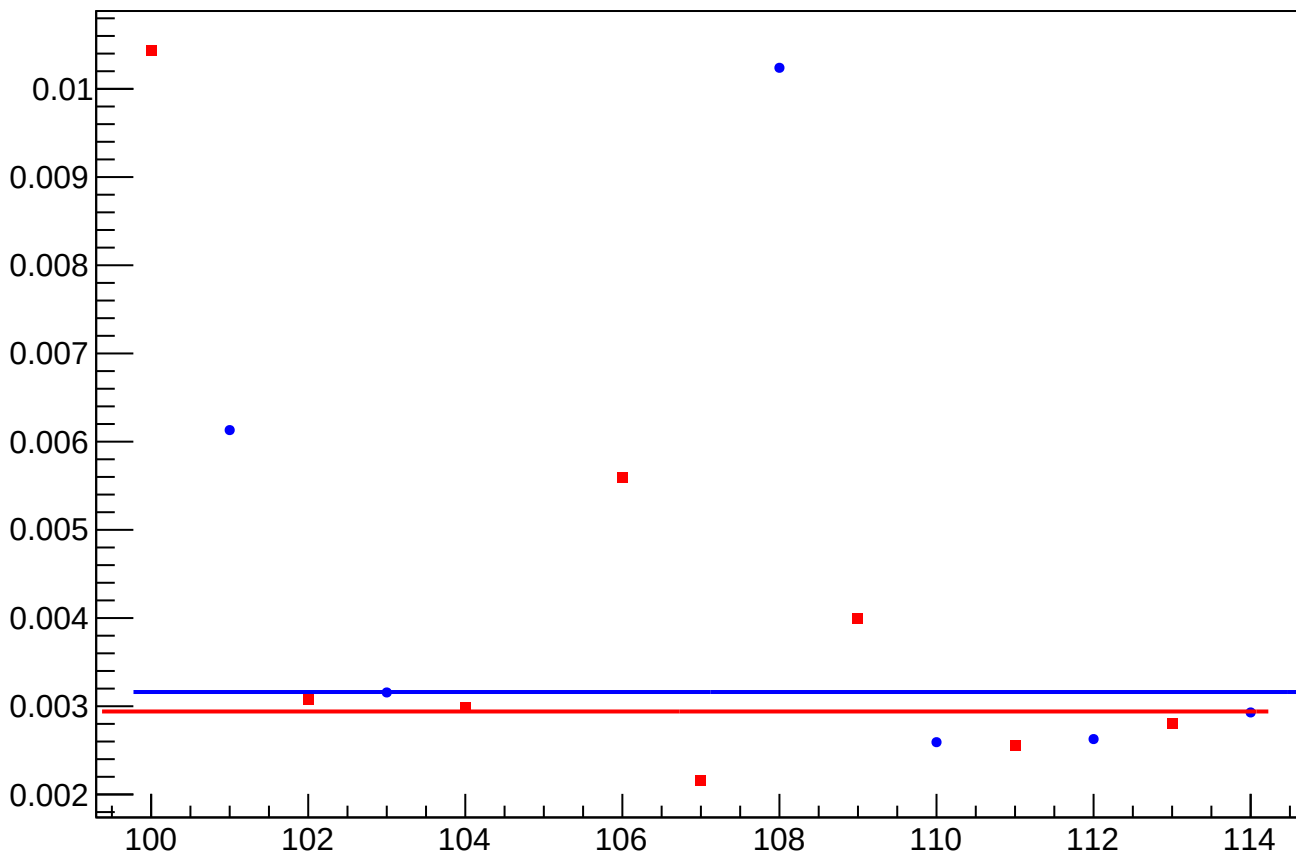
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 735143.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 373938.5/7

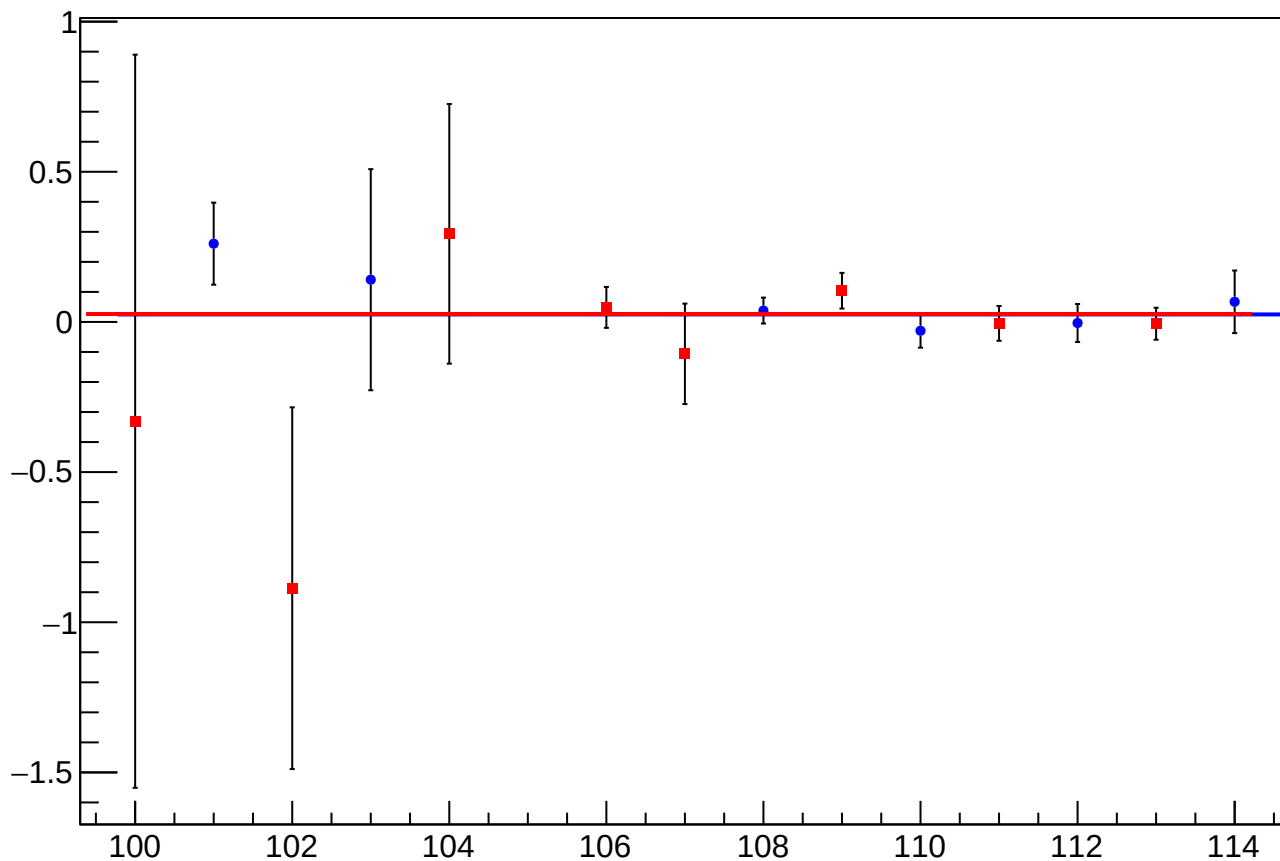
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1122286.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

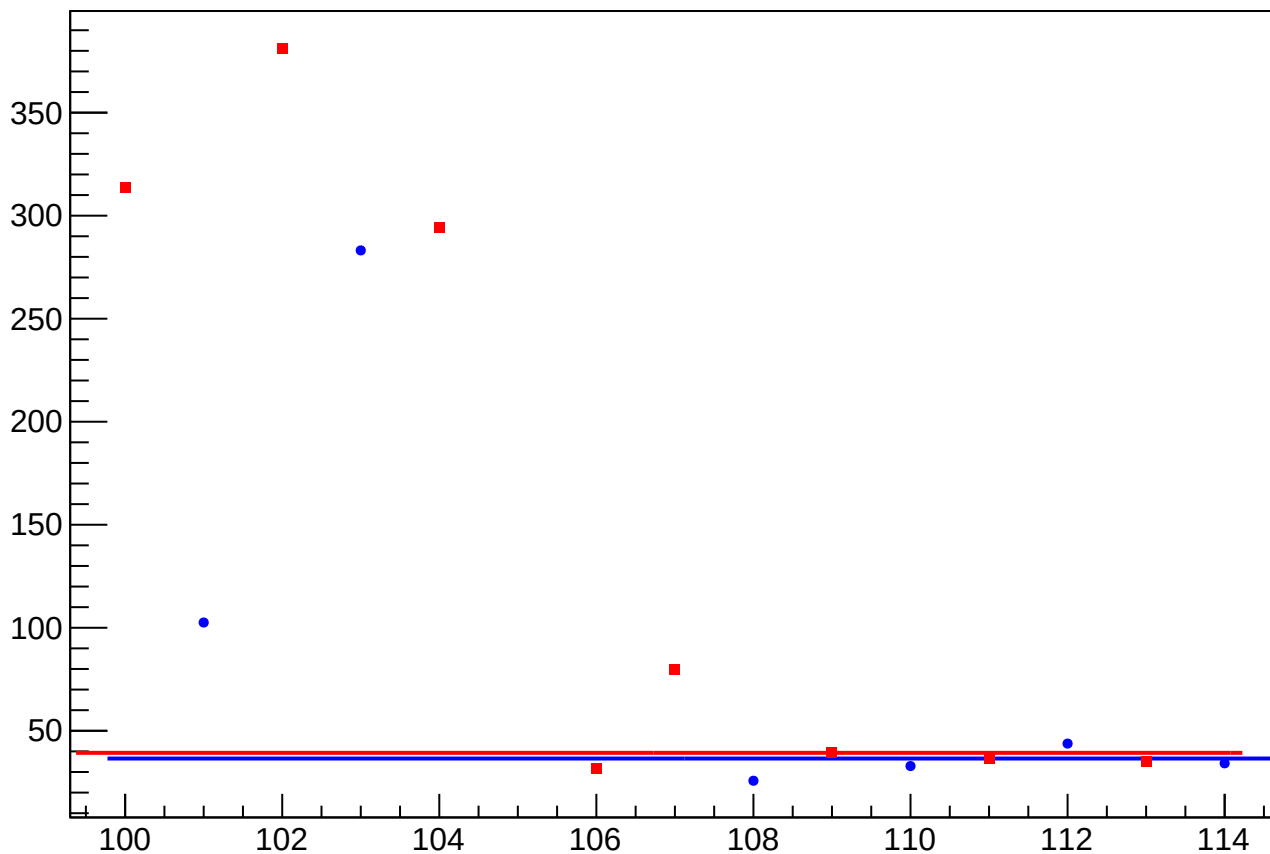
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 36.538 $\pm$ 0.020 χ^2 /NDF: 1525176.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.301 $\pm$ 0.020 χ^2 /NDF: 1599383.5/7

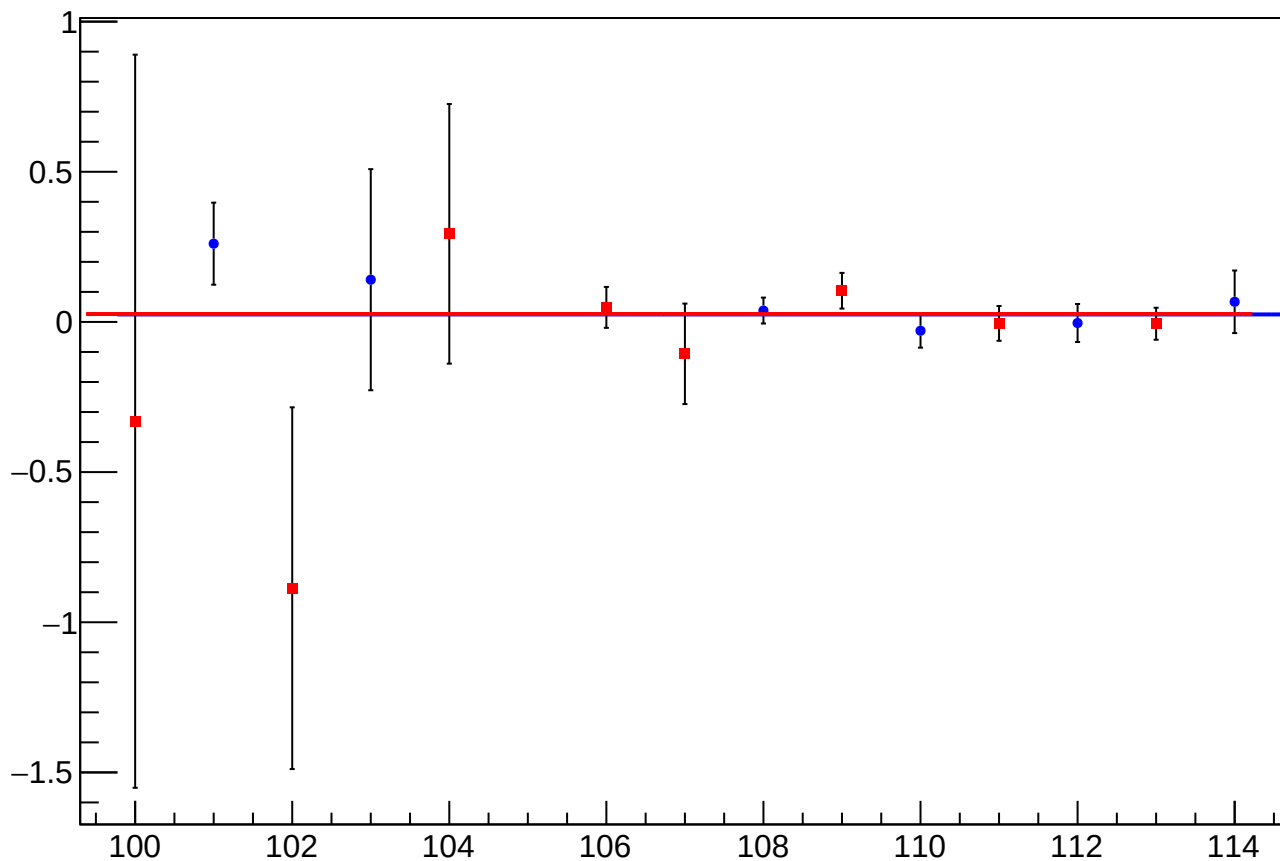
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.885 $\pm$ 0.014 χ^2 /NDF: 3133903.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

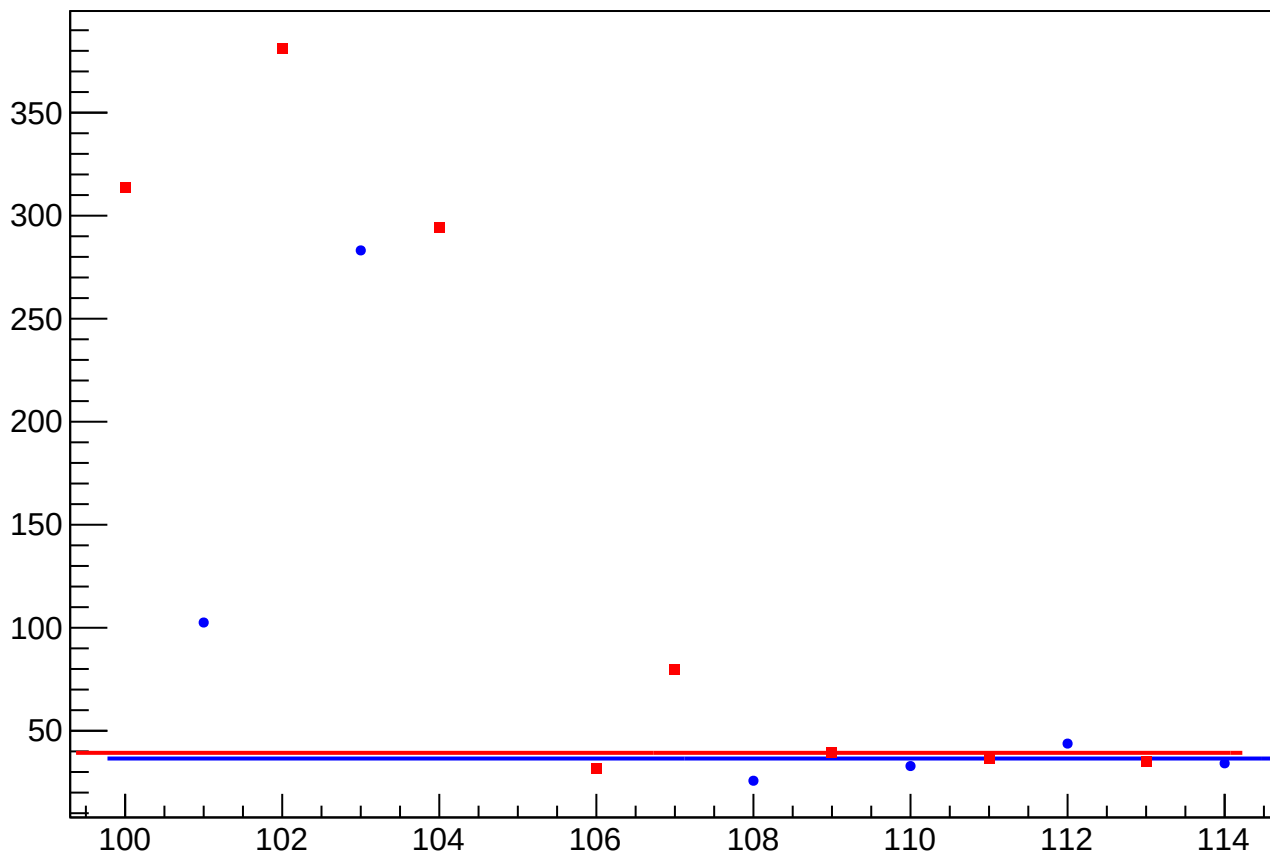
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.538 $\pm$ 0.020 χ^2 /NDF: 1525176.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.301 $\pm$ 0.020 χ^2 /NDF: 1599383.5/7

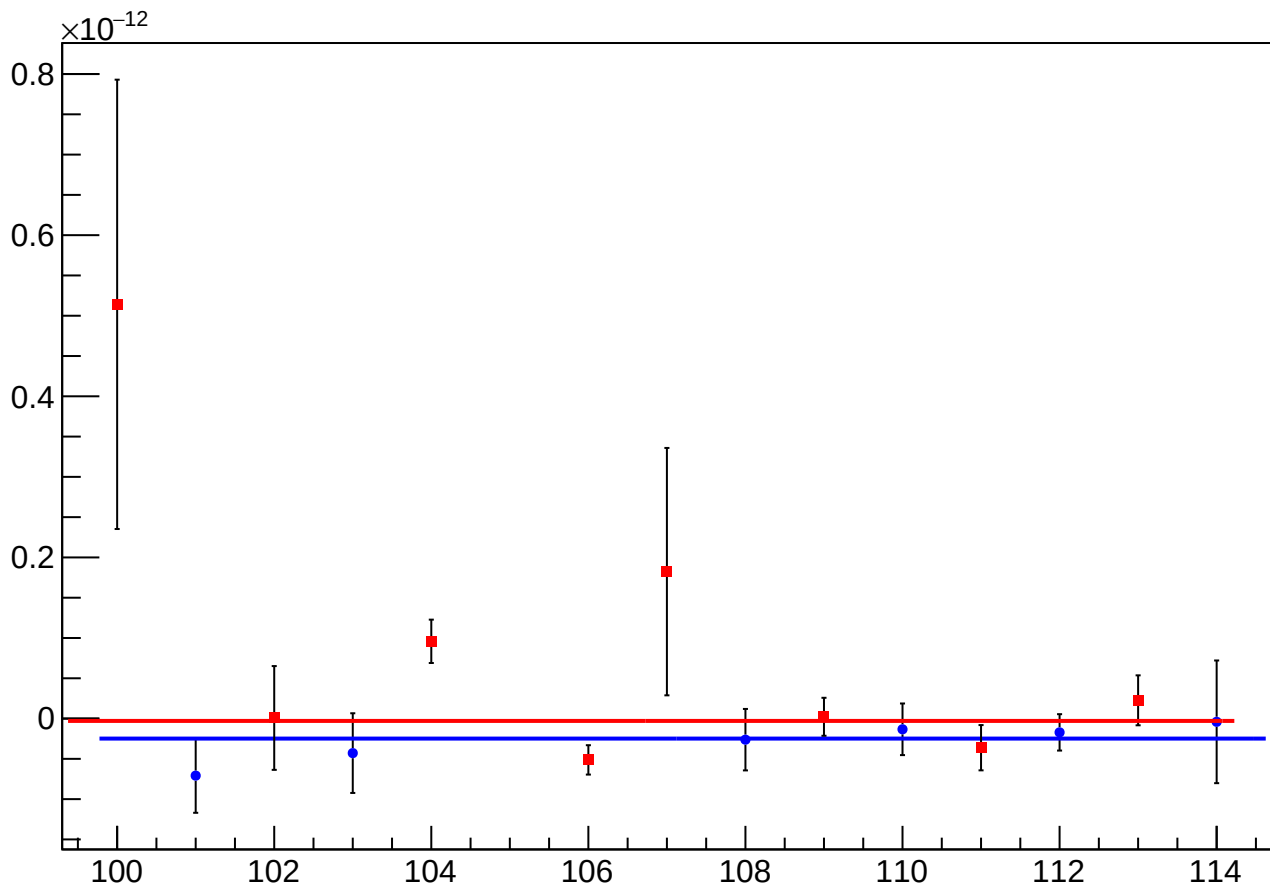
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.885 $\pm$ 0.014 χ^2 /NDF: 3133903.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.5/7

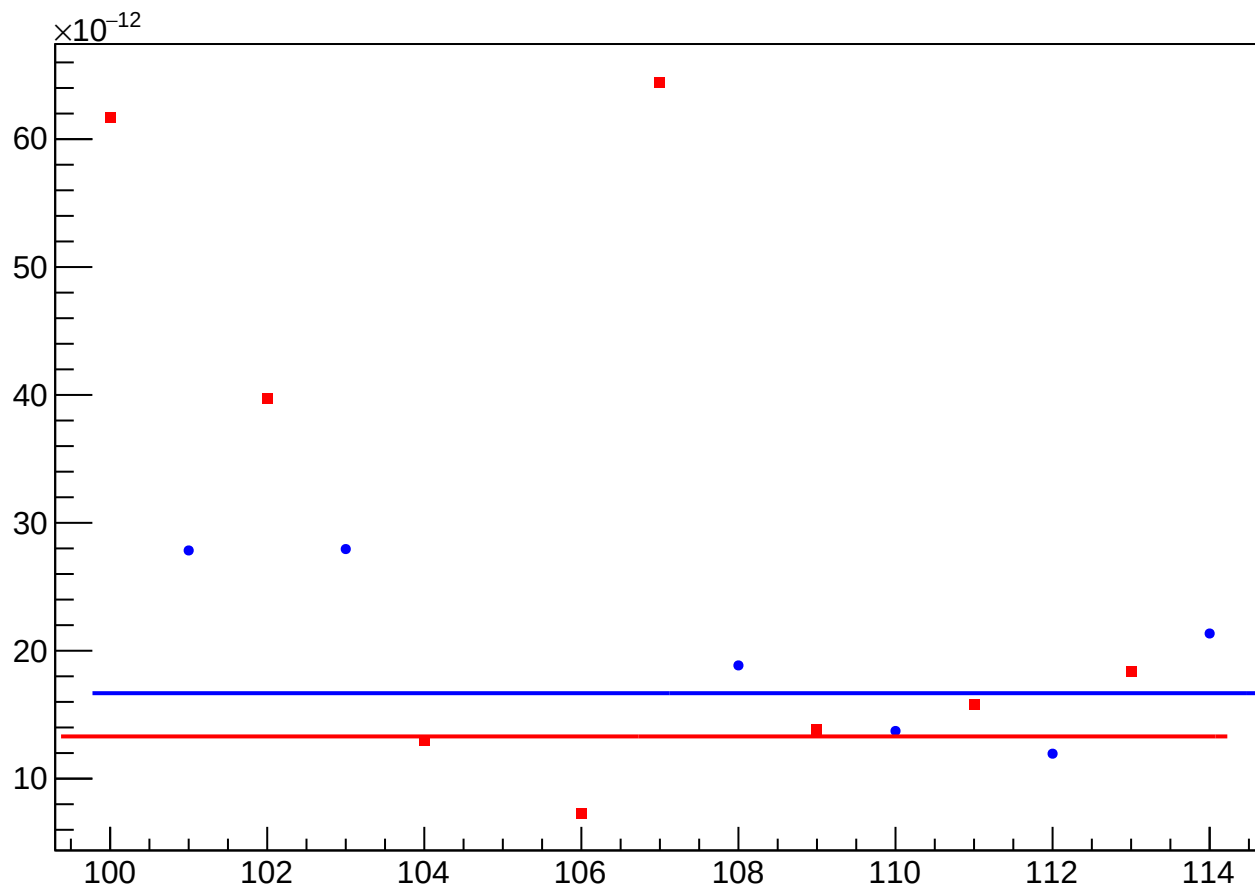
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 339683.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 909950.3/7

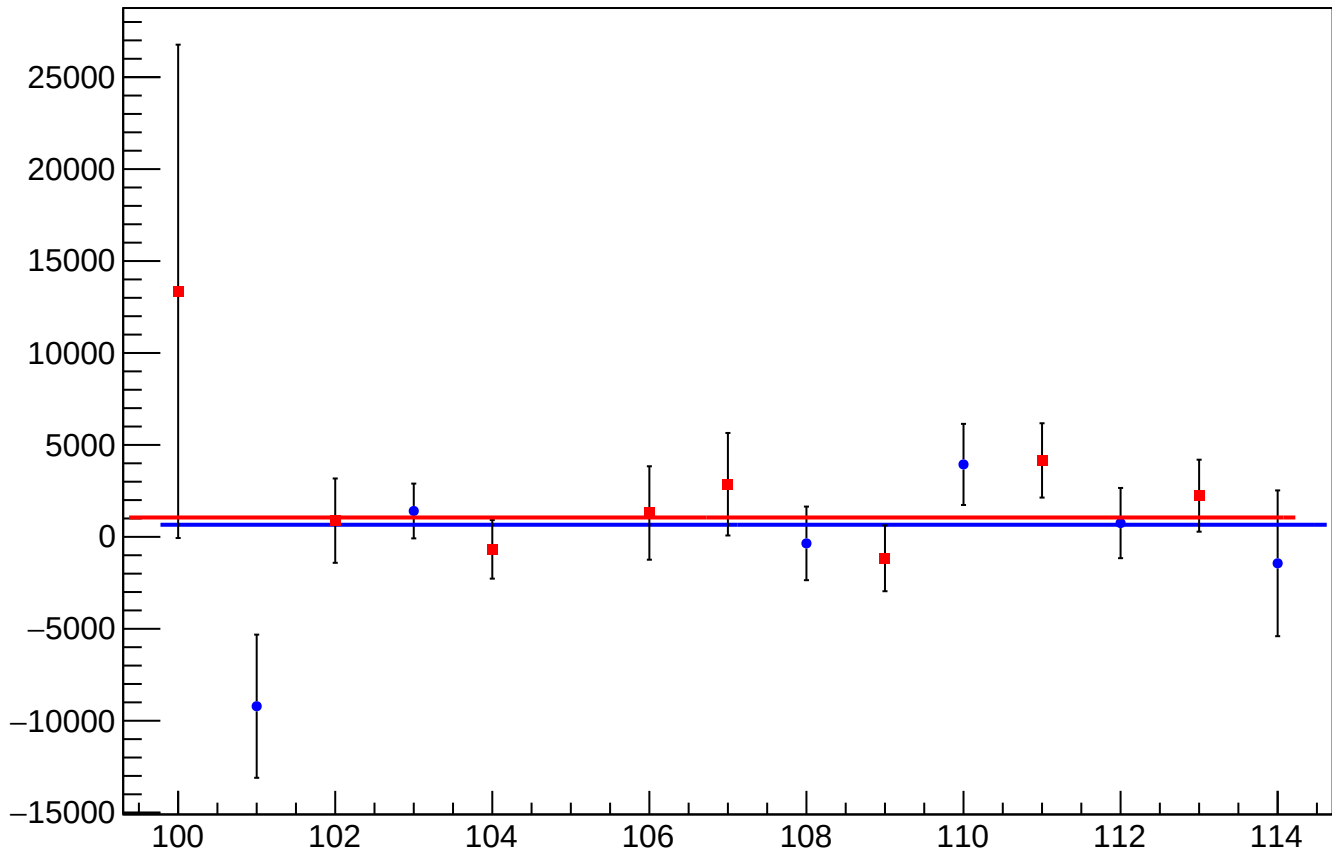
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319397.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 658.551+/-873.748 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.210+/-769.011 χ^2/NDF : 6.7/7

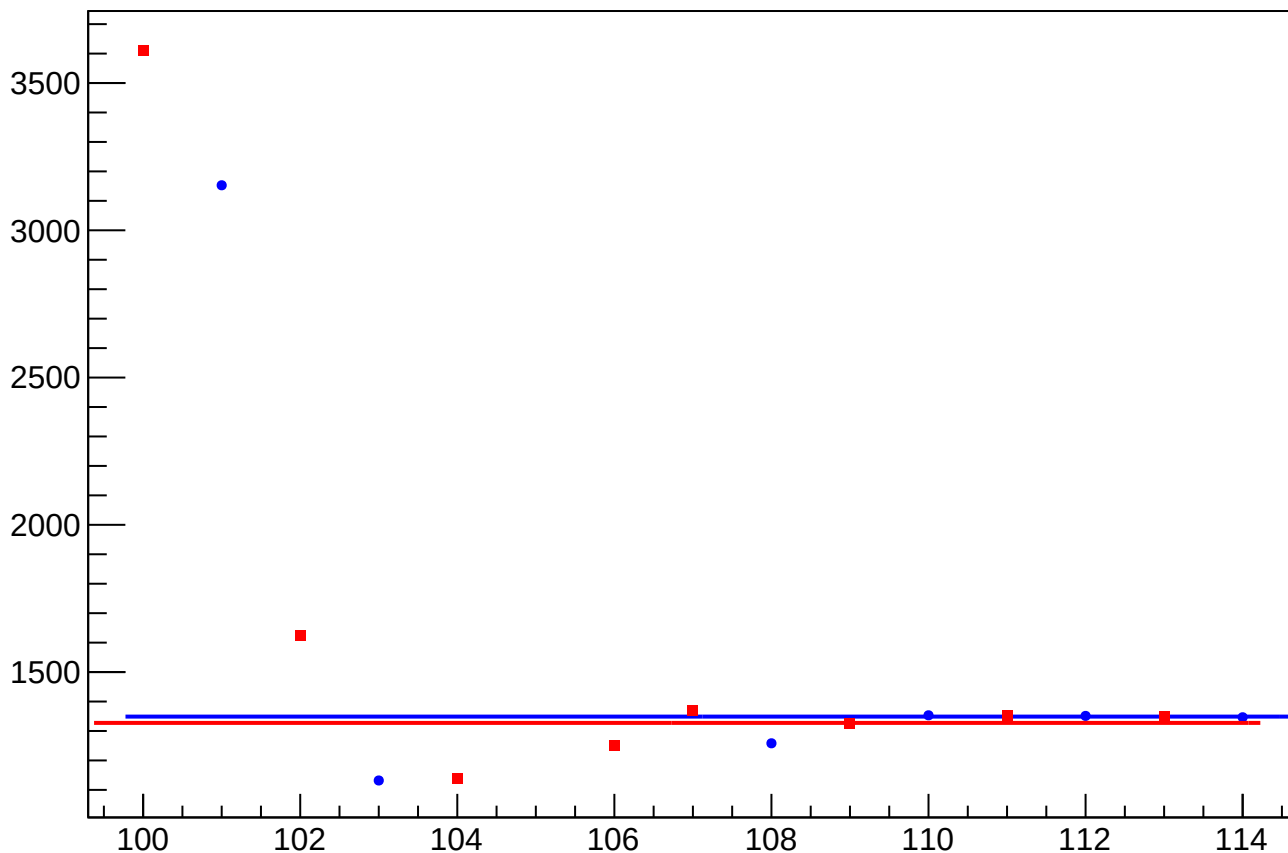
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.505+/-577.270 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1348.860 $\pm$ 0.618 χ^2 /NDF: 476001.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.452 $\pm$ 0.544 χ^2 /NDF: 121837.7/7

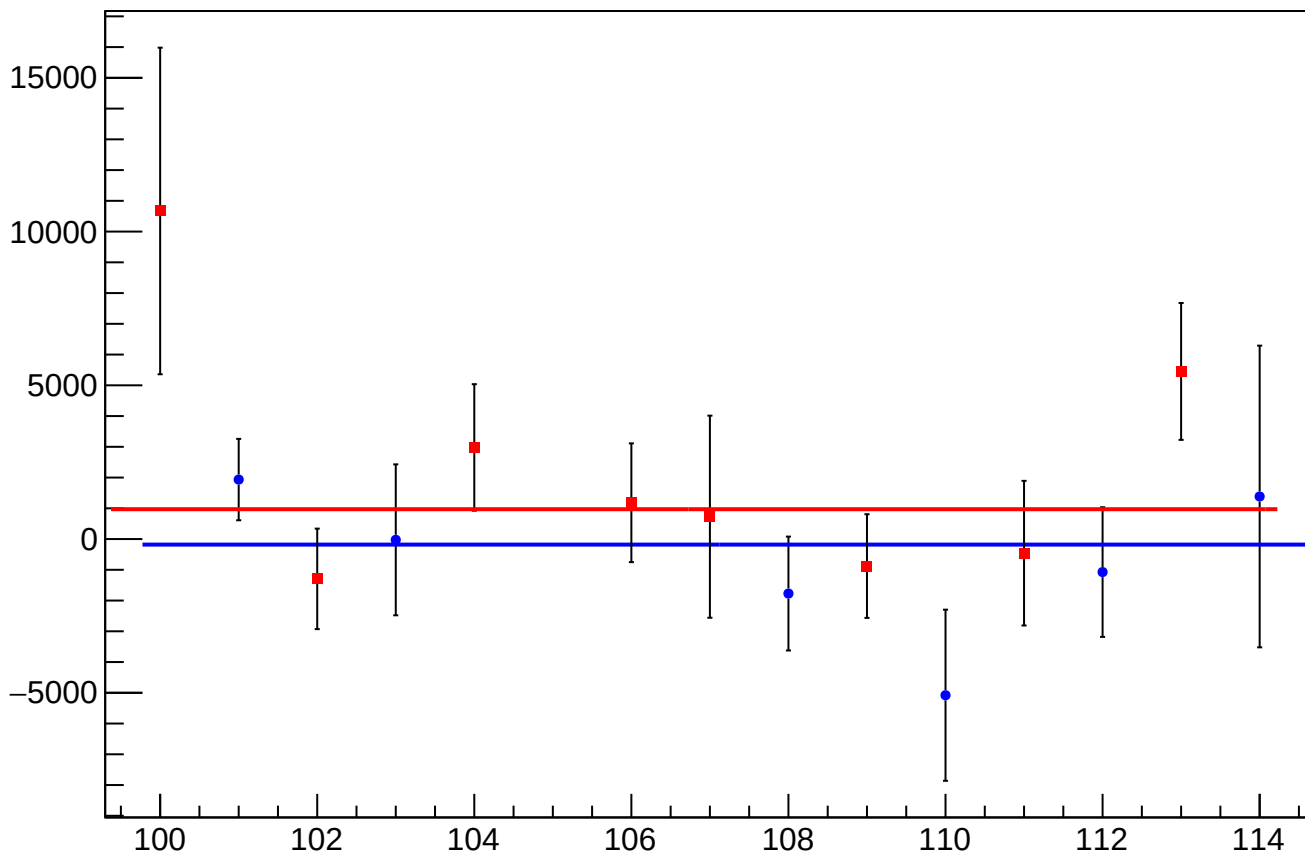
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1336.797 $\pm$ 0.408 χ^2 /NDF: 598515.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



Right In: -180.333+/-837.953 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.620+/-757.814 χ^2/NDF : 11.9/7

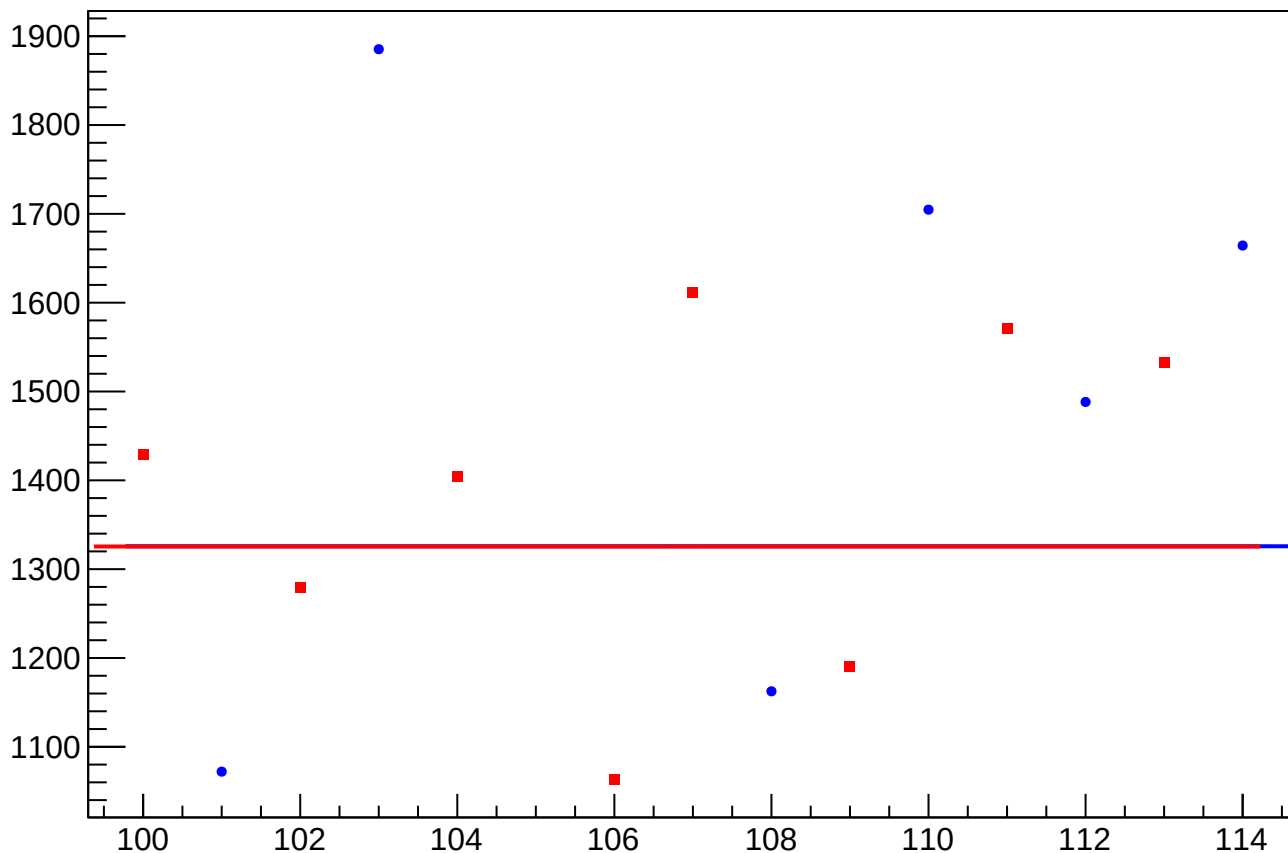
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.799+/-562.057 χ^2/NDF : 19.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug



Right In: 1325.766 $\pm$ 0.593 χ^2 /NDF: 251487.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1325.516 $\pm$ 0.536 χ^2 /NDF: 109104.6/7

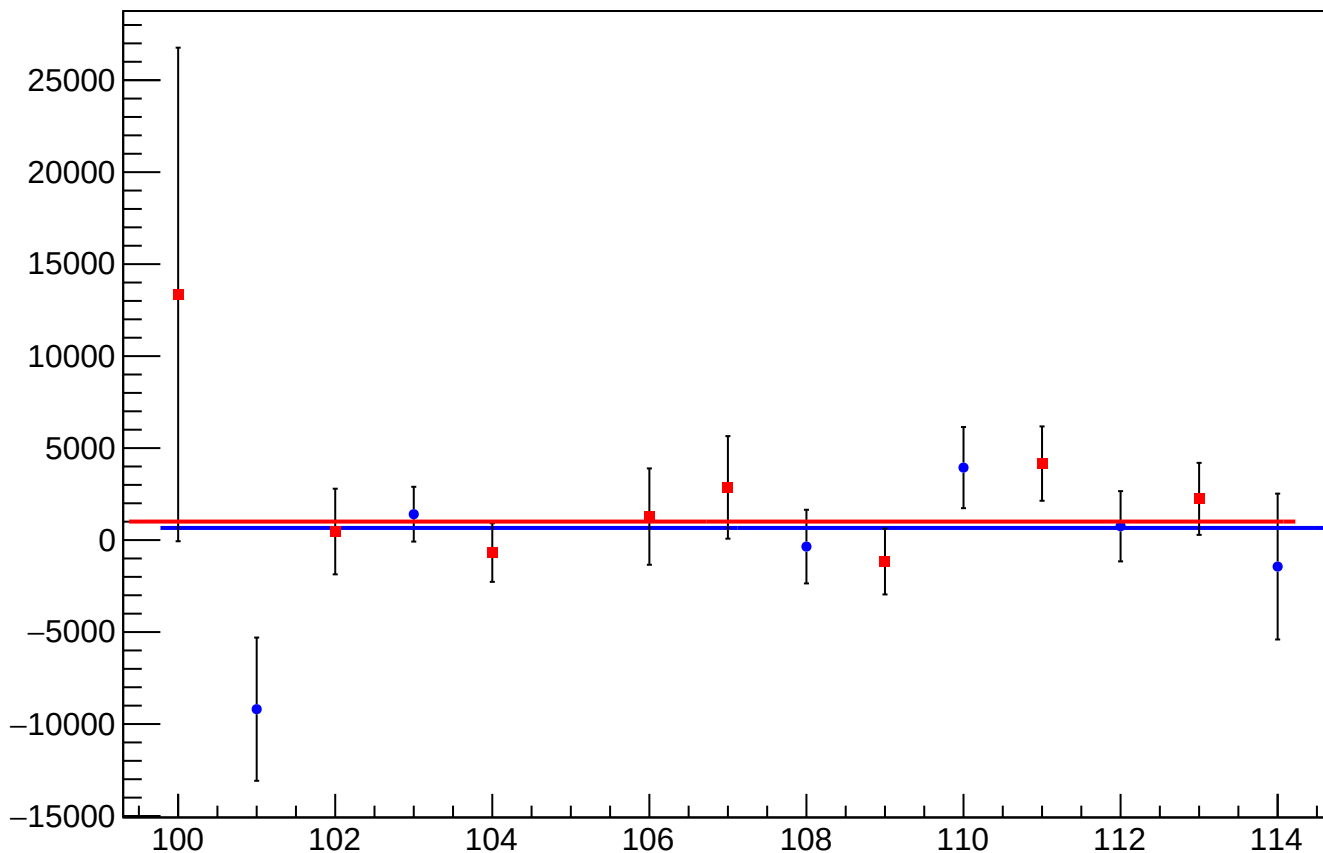
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1325.629 $\pm$ 0.397 χ^2 /NDF: 360591.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 659.316+/-873.749 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.047+/-772.375 χ^2/NDF : 6.8/7

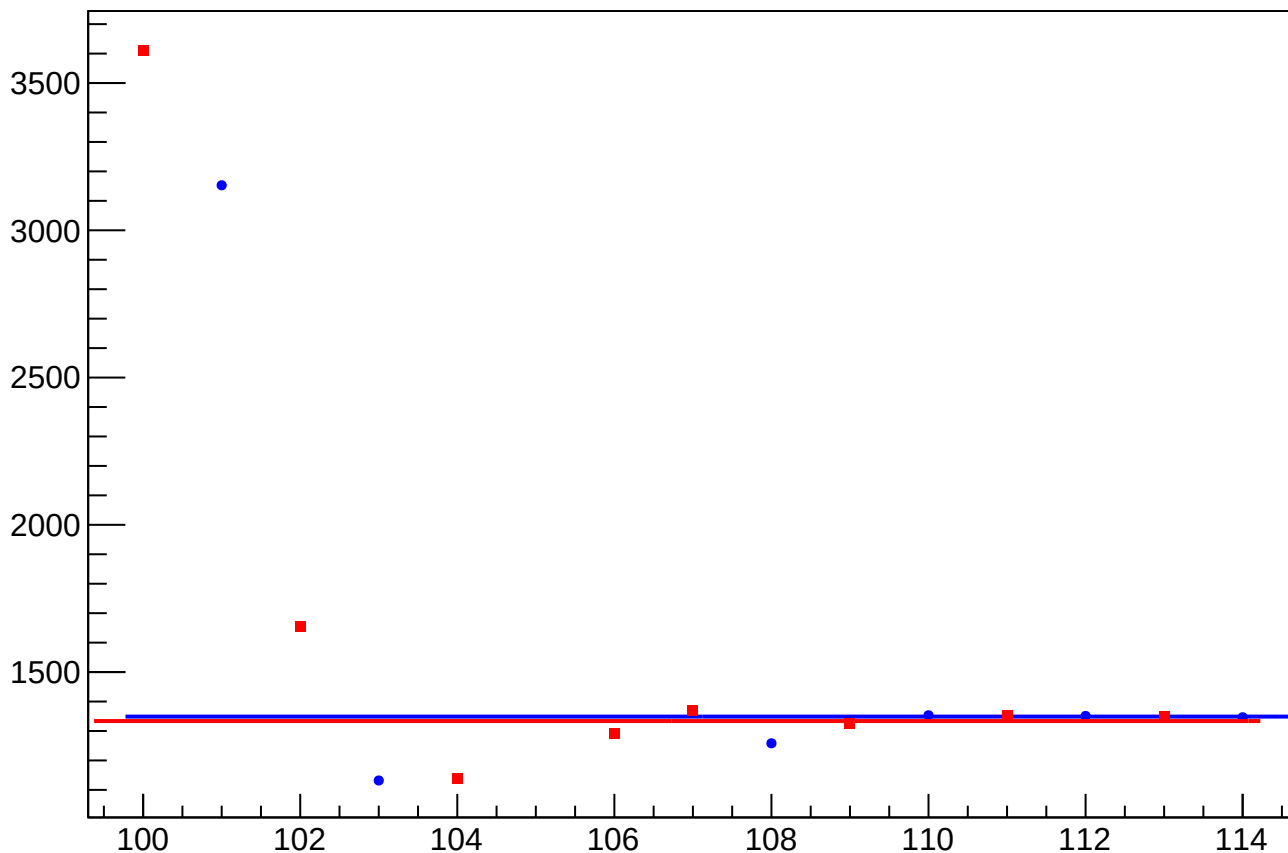
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.954+/-578.689 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1348.859 $\pm$ 0.618 χ^2 /NDF: 476002.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1333.742 $\pm$ 0.546 χ^2 /NDF: 126564.5/7

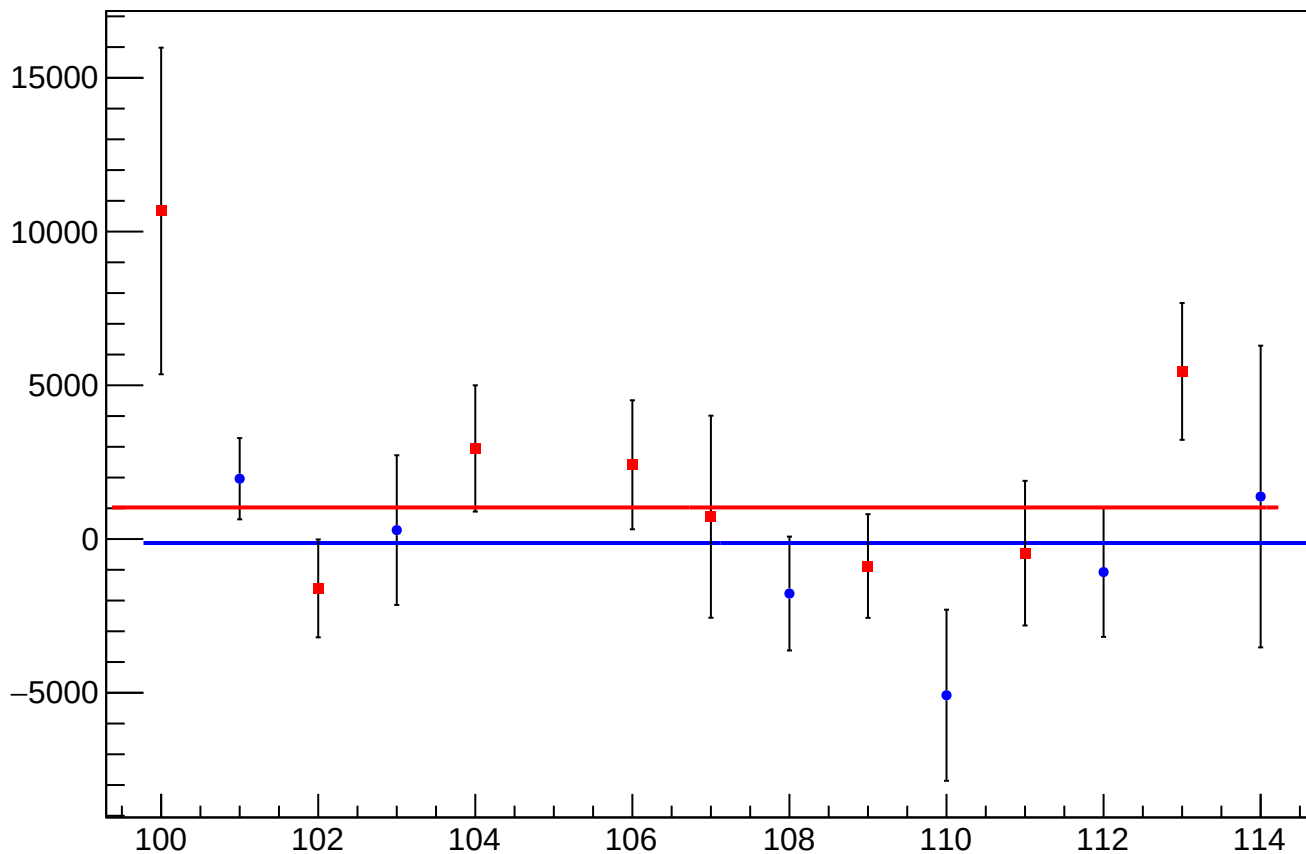
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1340.373 $\pm$ 0.409 χ^2 /NDF: 602903.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



Right In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.624+/-762.202 χ^2/NDF : 13.0/7

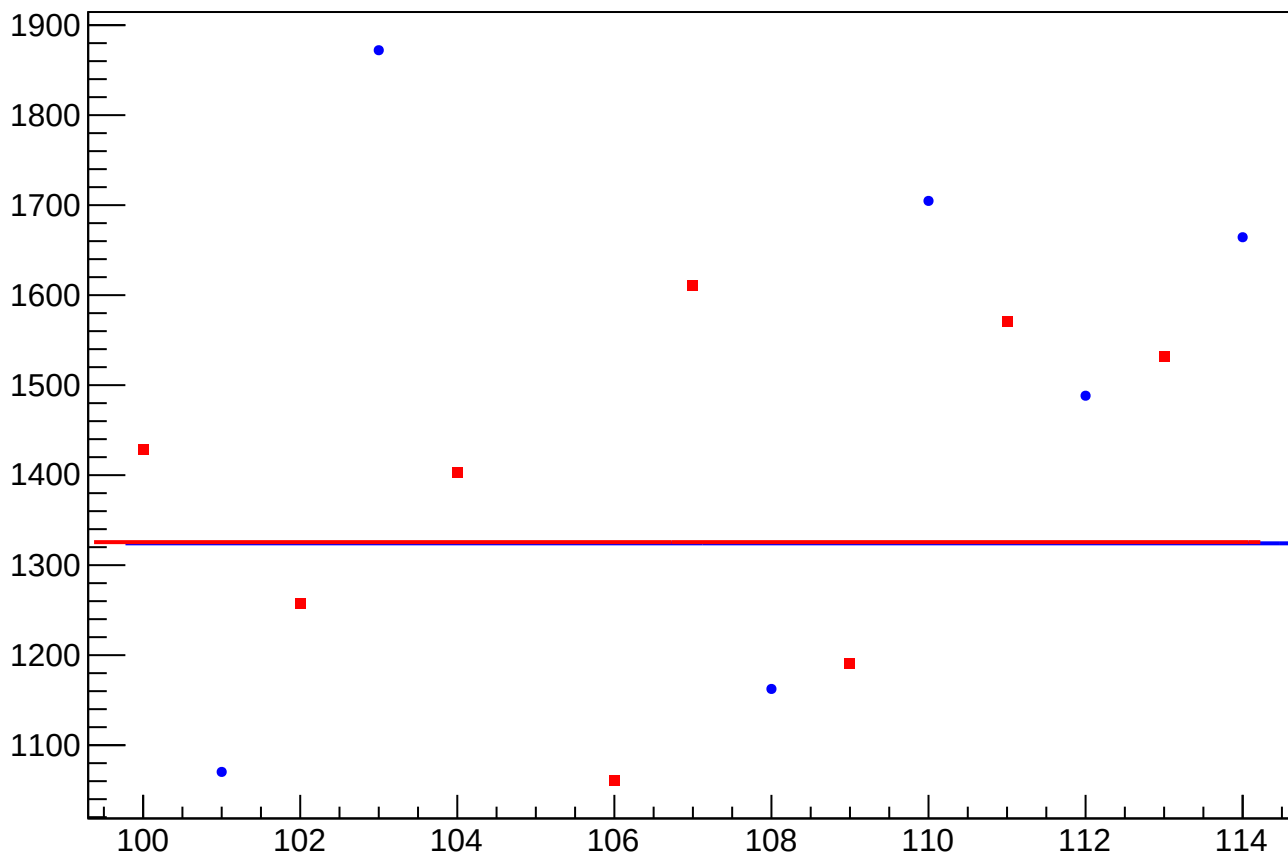
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.077+/-563.431 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug



Right In: 1324.251+/-0.592 χ^2/NDF : 249555.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

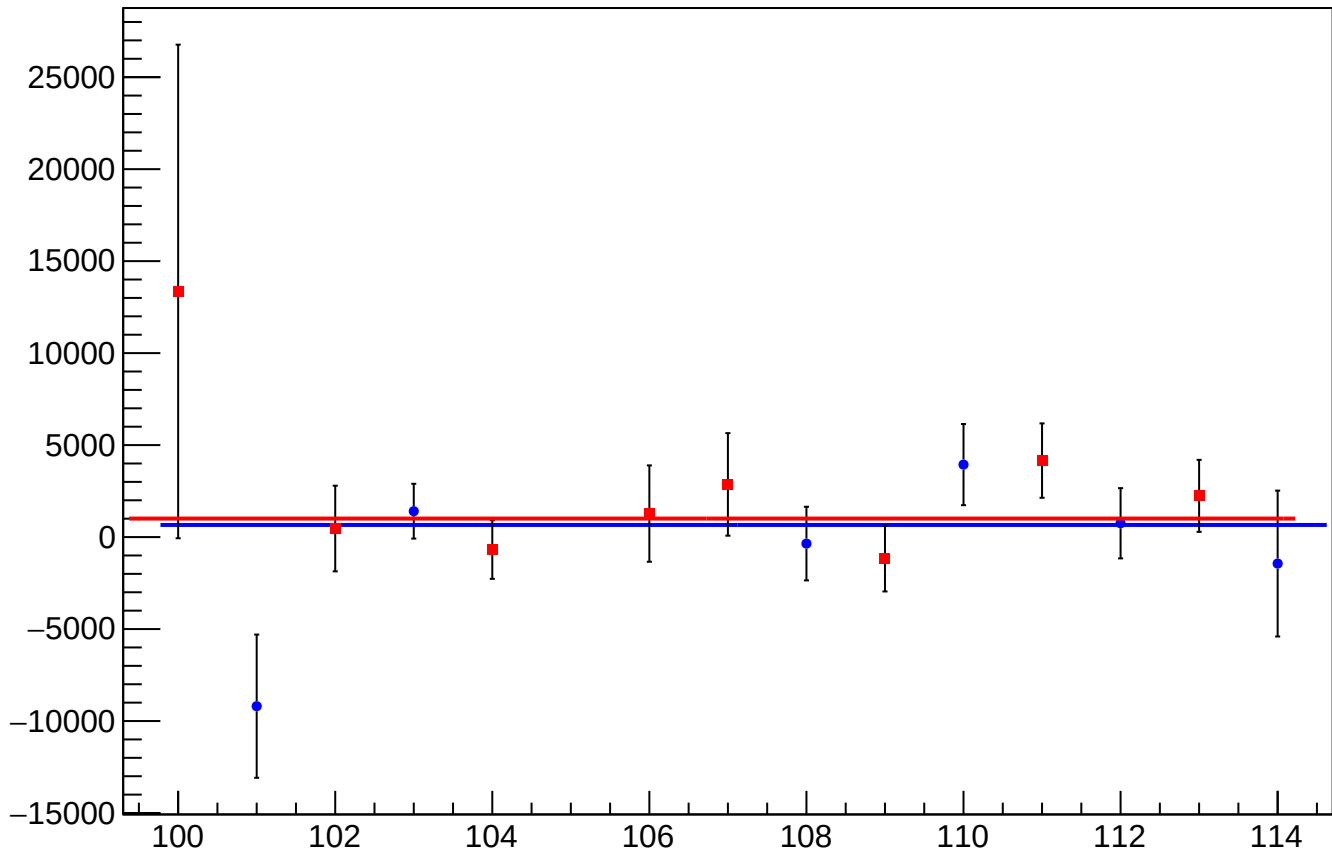
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 659.316 $\pm$ 873.749 χ^2 /NDF: 9.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1006.047 $\pm$ 772.375 χ^2 /NDF: 6.8/7

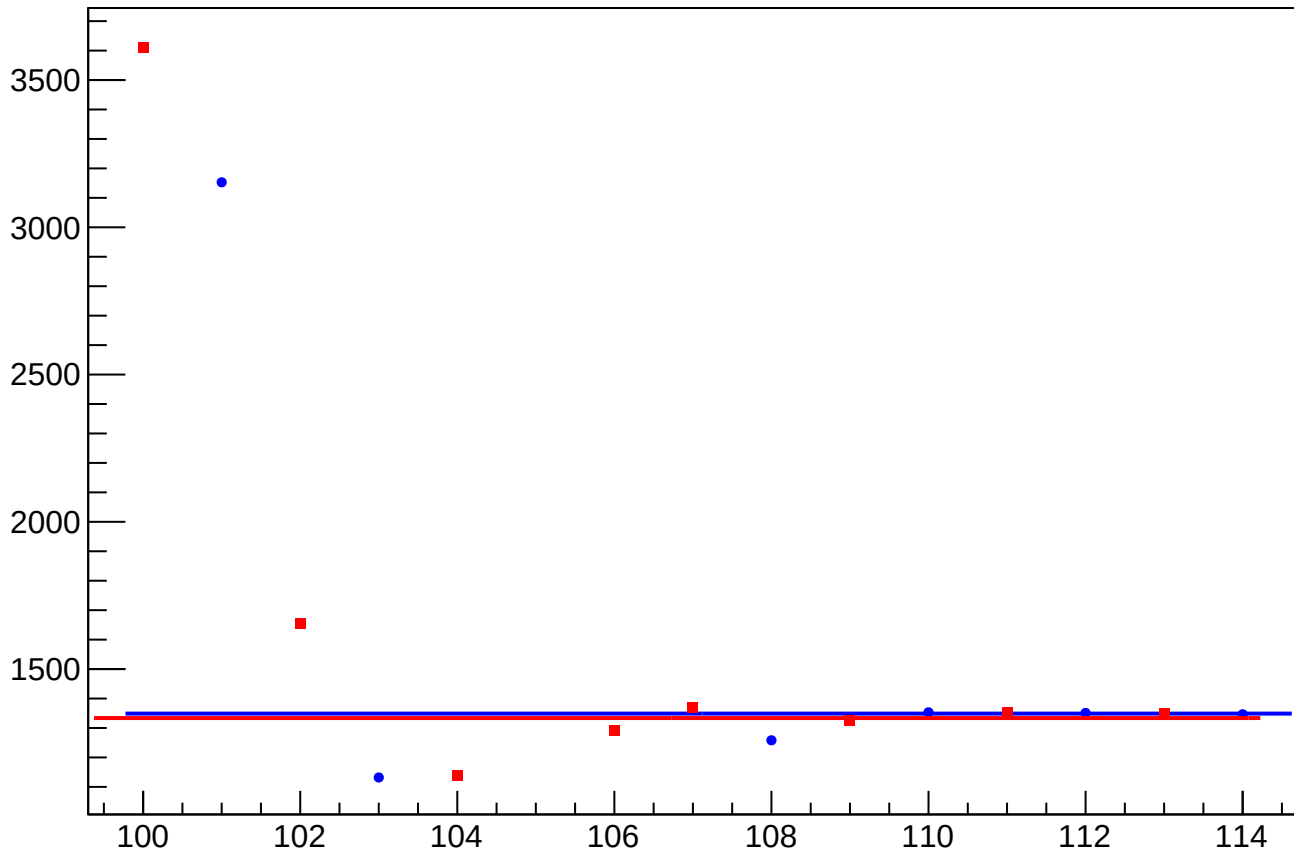
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 853.954 $\pm$ 578.689 χ^2 /NDF: 16.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1348.859 $\pm$ 0.618 χ^2 /NDF: 476002.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

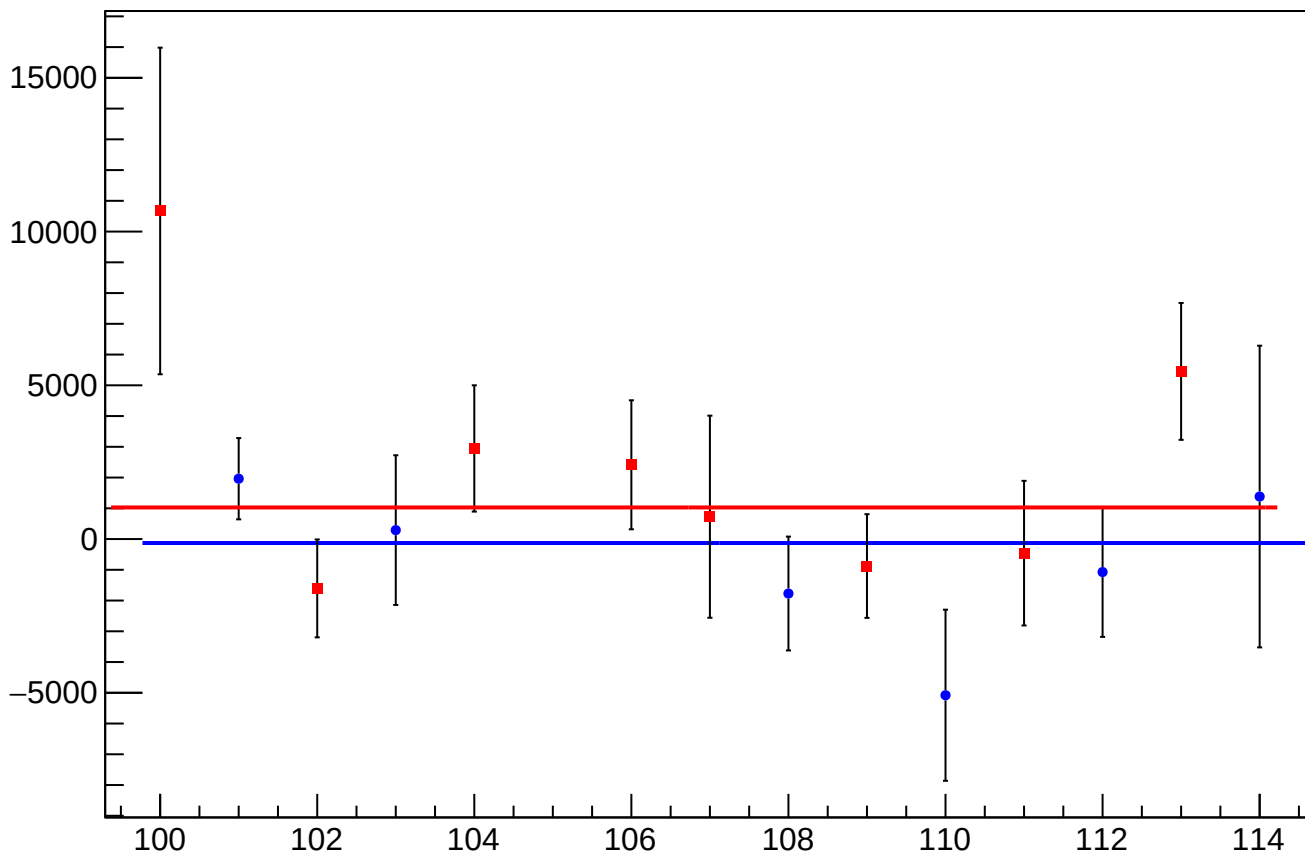
Right Out: 1333.742 $\pm$ 0.546 χ^2 /NDF: 126564.5/7

All: 1340.373 $\pm$ 0.409 χ^2 /NDF: 602903.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.624+/-762.202 χ^2/NDF : 13.0/7

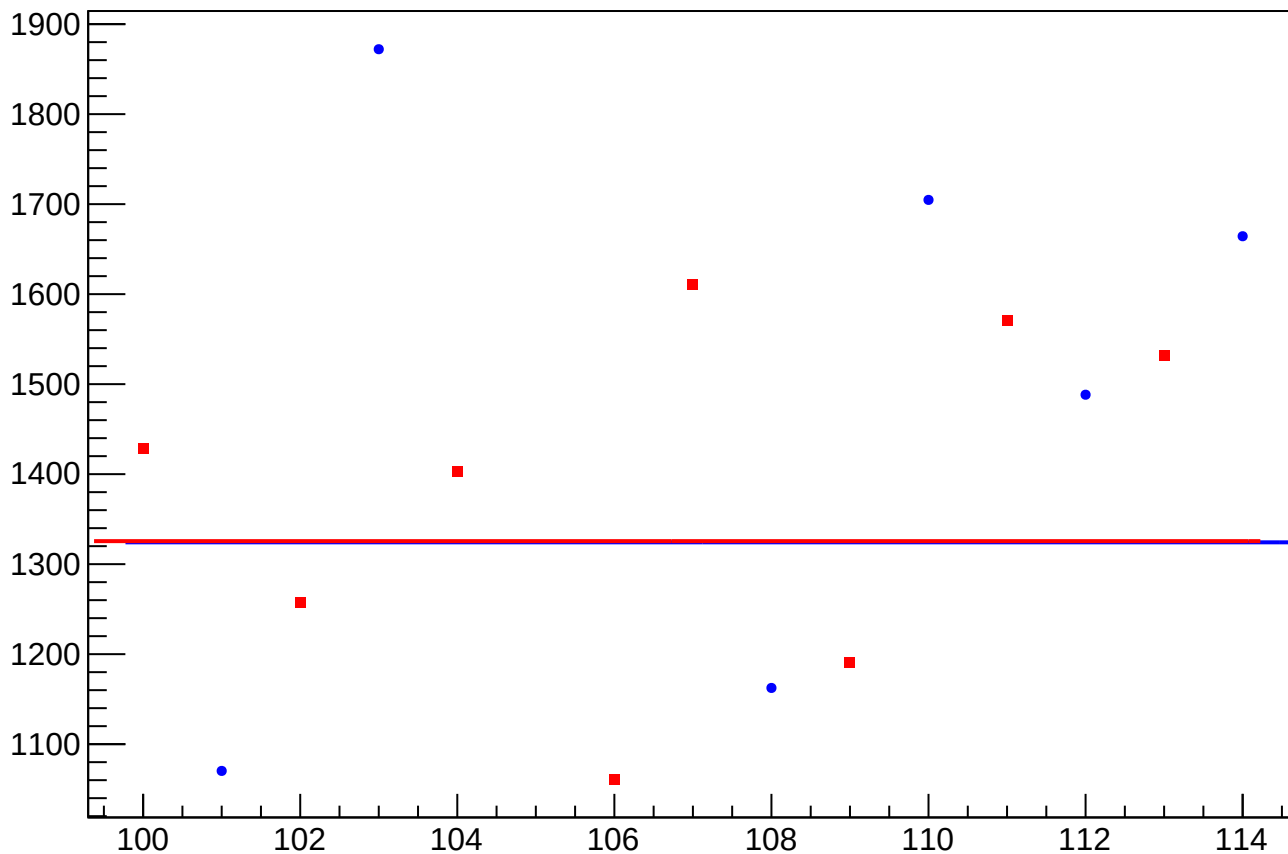
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.077+/-563.431 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1324.251+/-0.592 χ^2/NDF : 249555.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

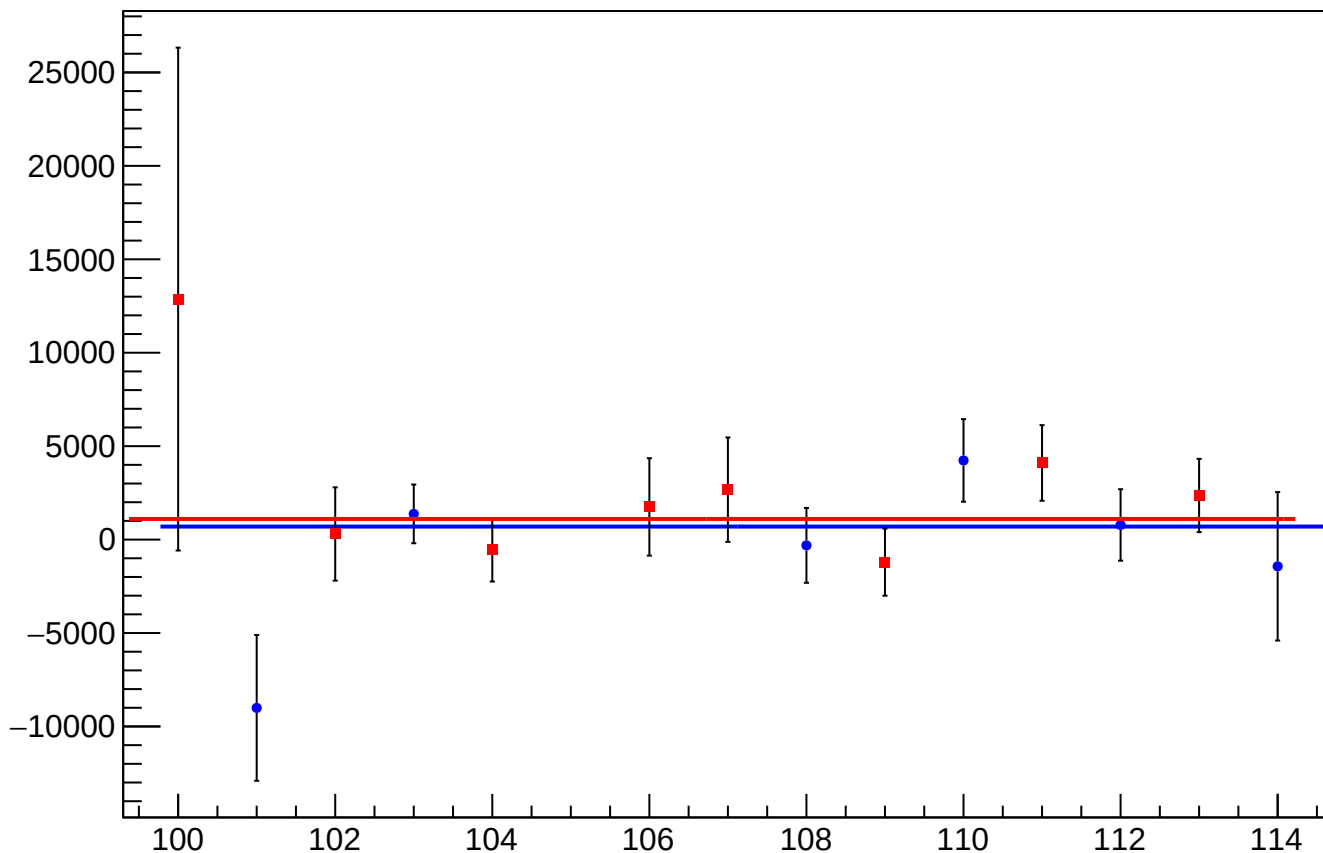
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 697.774 $\pm$ 890.149 χ^2 /NDF: 9.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1105.096 $\pm$ 789.921 χ^2 /NDF: 6.5/7

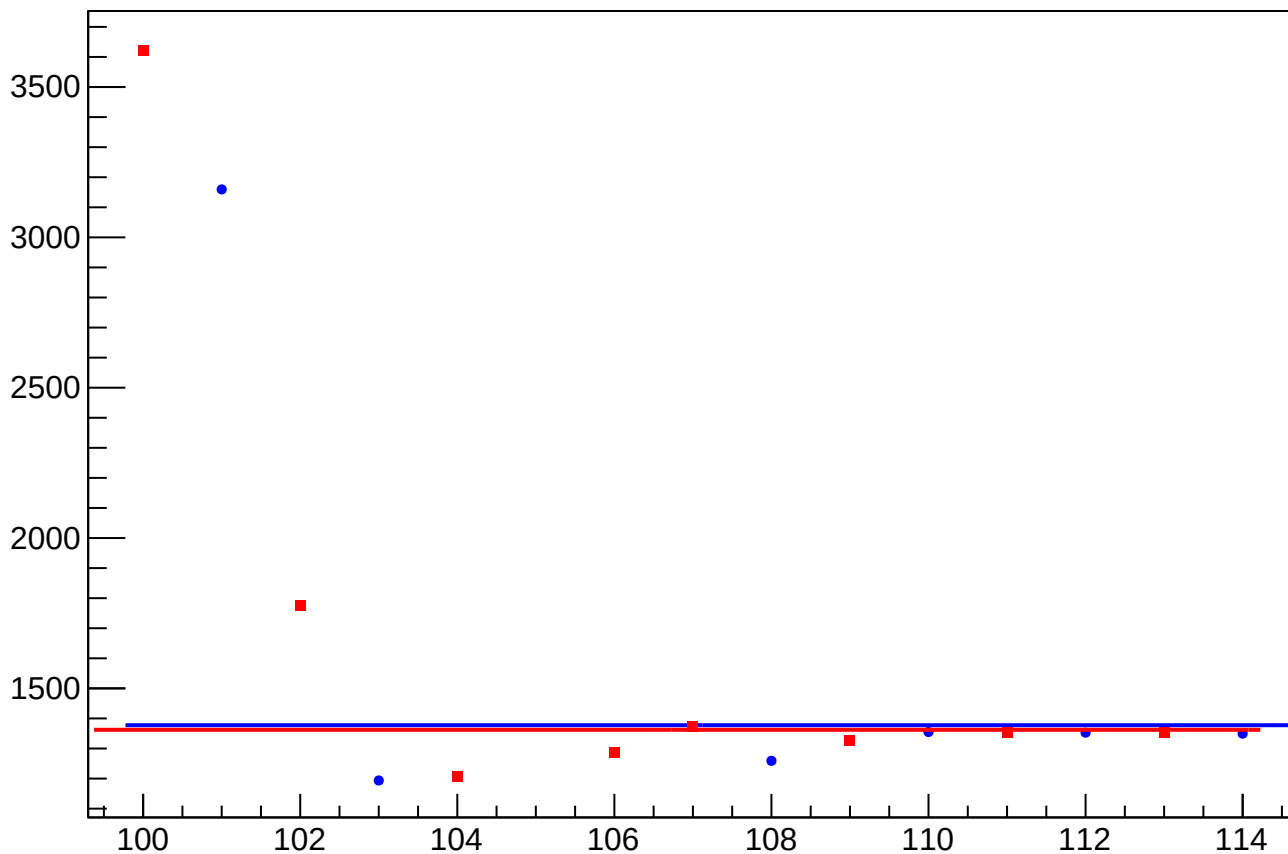
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 925.648 $\pm$ 590.830 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1377.462 $\pm$ 0.629 χ^2 /NDF: 452258.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1362.240 $\pm$ 0.559 χ^2 /NDF: 130435.0/7

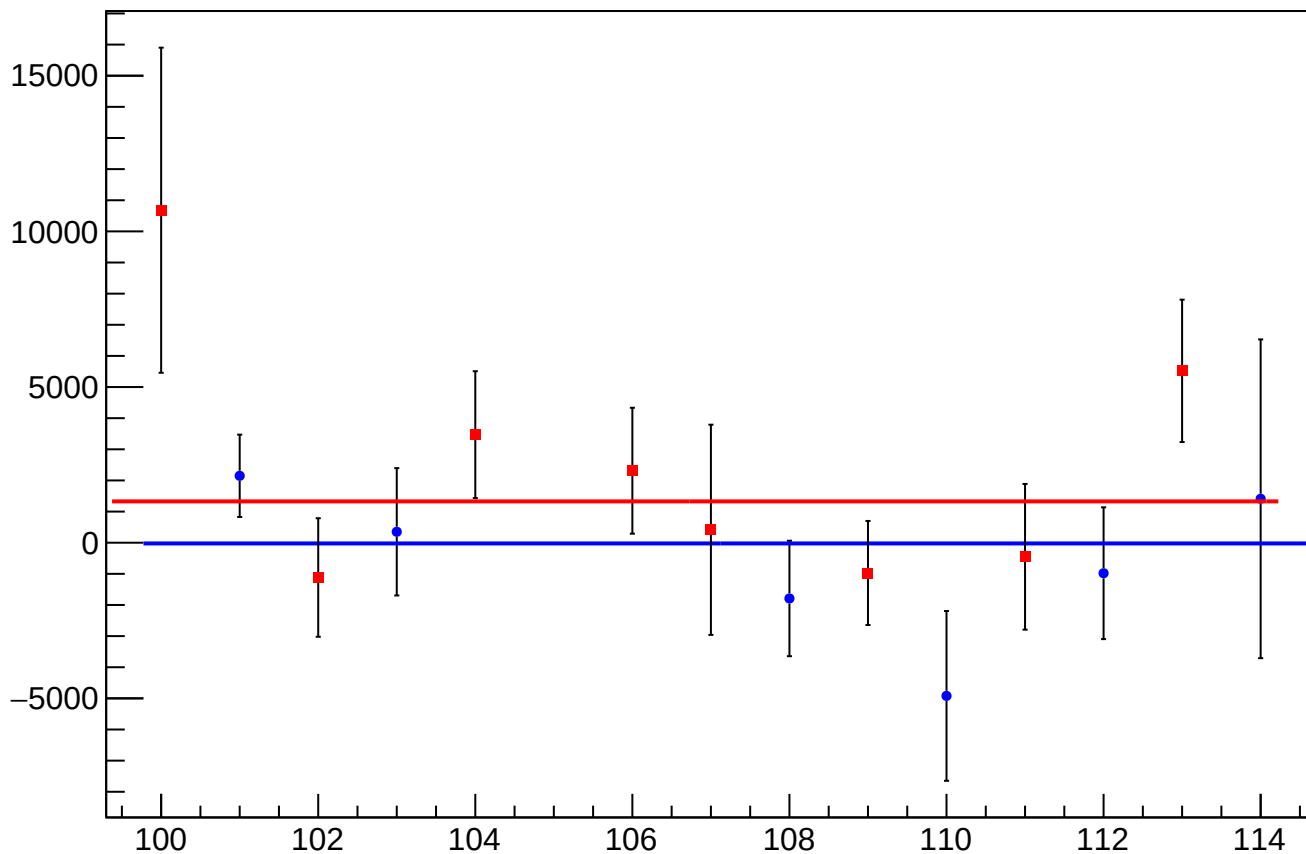
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.946 $\pm$ 0.418 χ^2 /NDF: 583020.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug



Right In: -23.622 $\pm$ 817.225 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.016 $\pm$ 786.238 χ^2 /NDF: 12.1/7

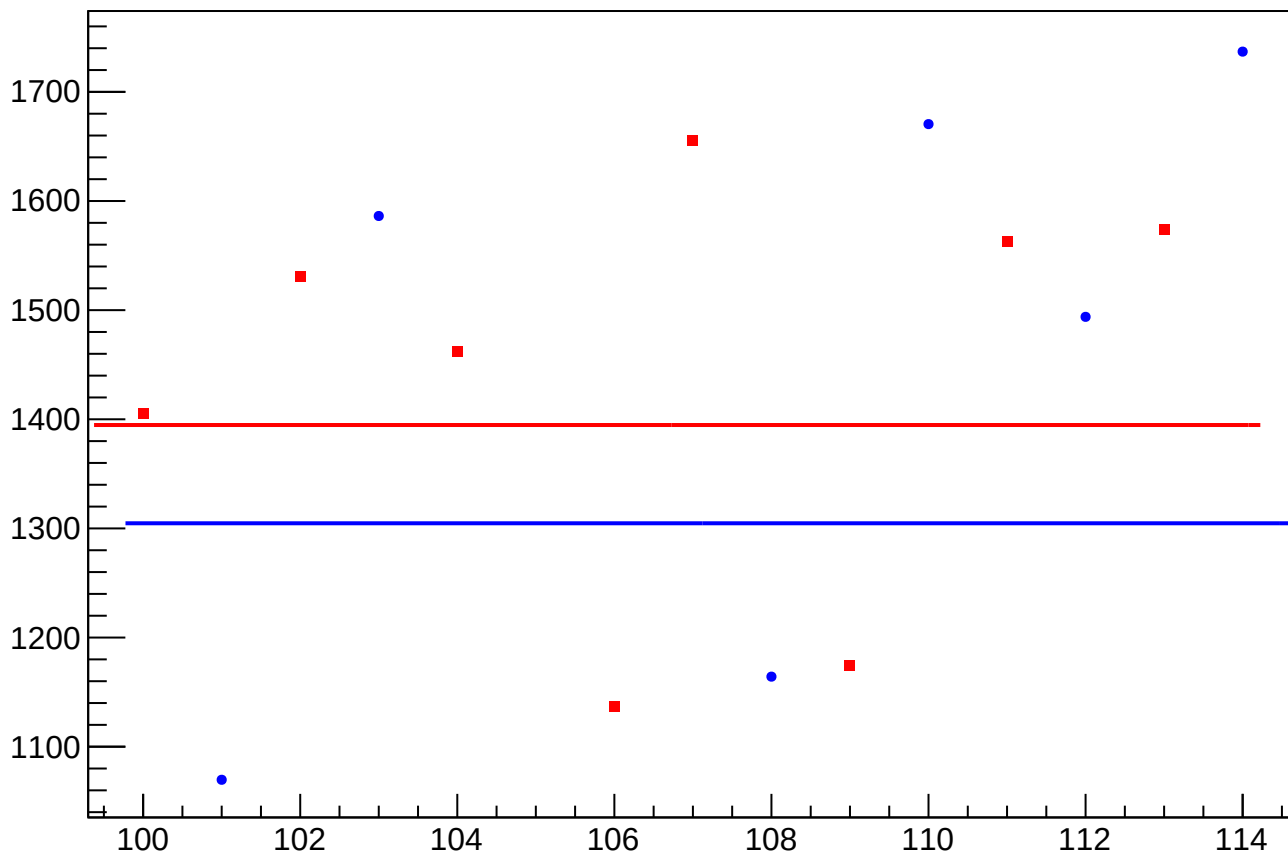
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.788 $\pm$ 566.592 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1304.709+/-0.578 χ^2/NDF : 178753.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

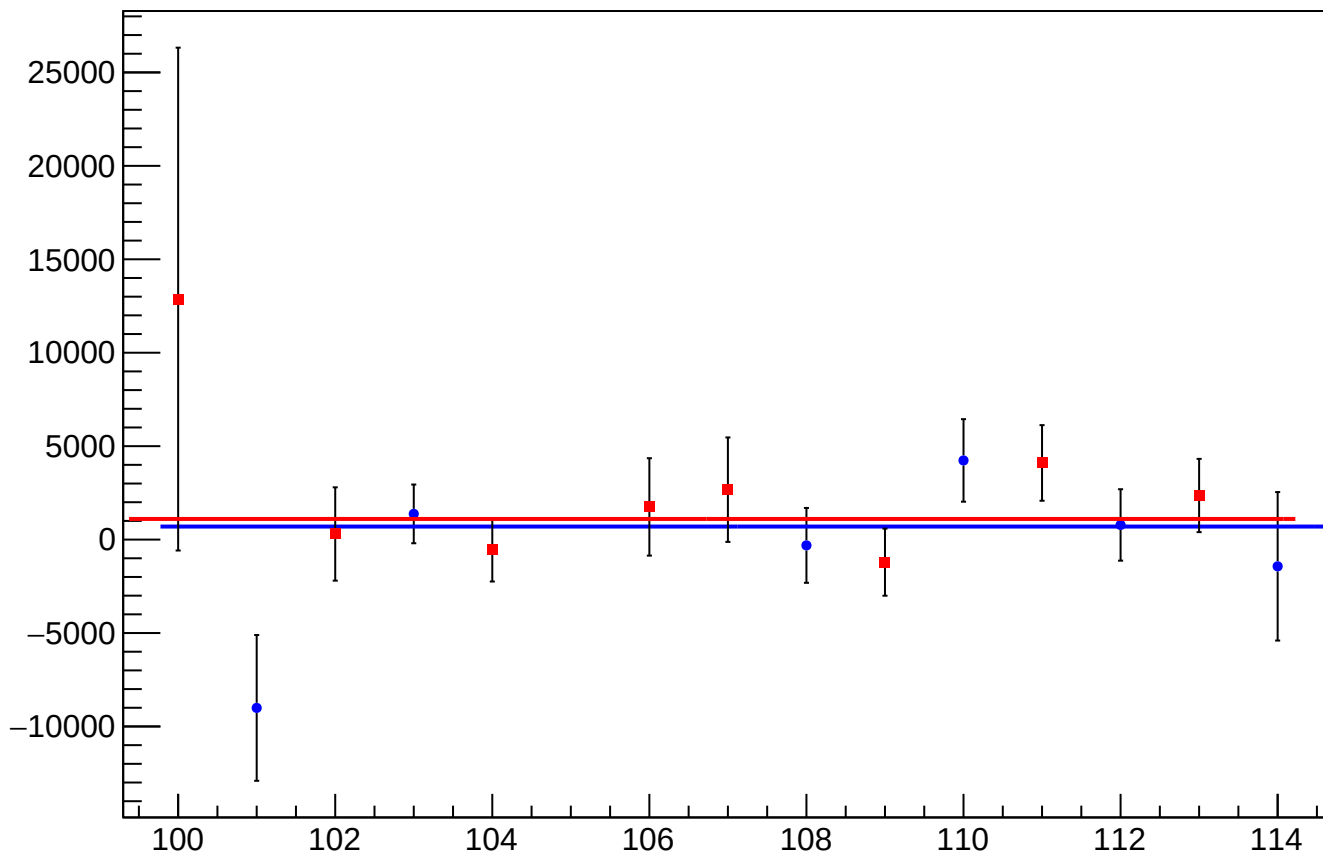
Right Out: 1394.749+/-0.556 χ^2/NDF : 114475.7/7

All: 1351.468+/-0.401 χ^2/NDF : 305836.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 697.770 $\pm$ 890.149 χ^2 /NDF: 9.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1105.097 $\pm$ 789.921 χ^2 /NDF: 6.5/7

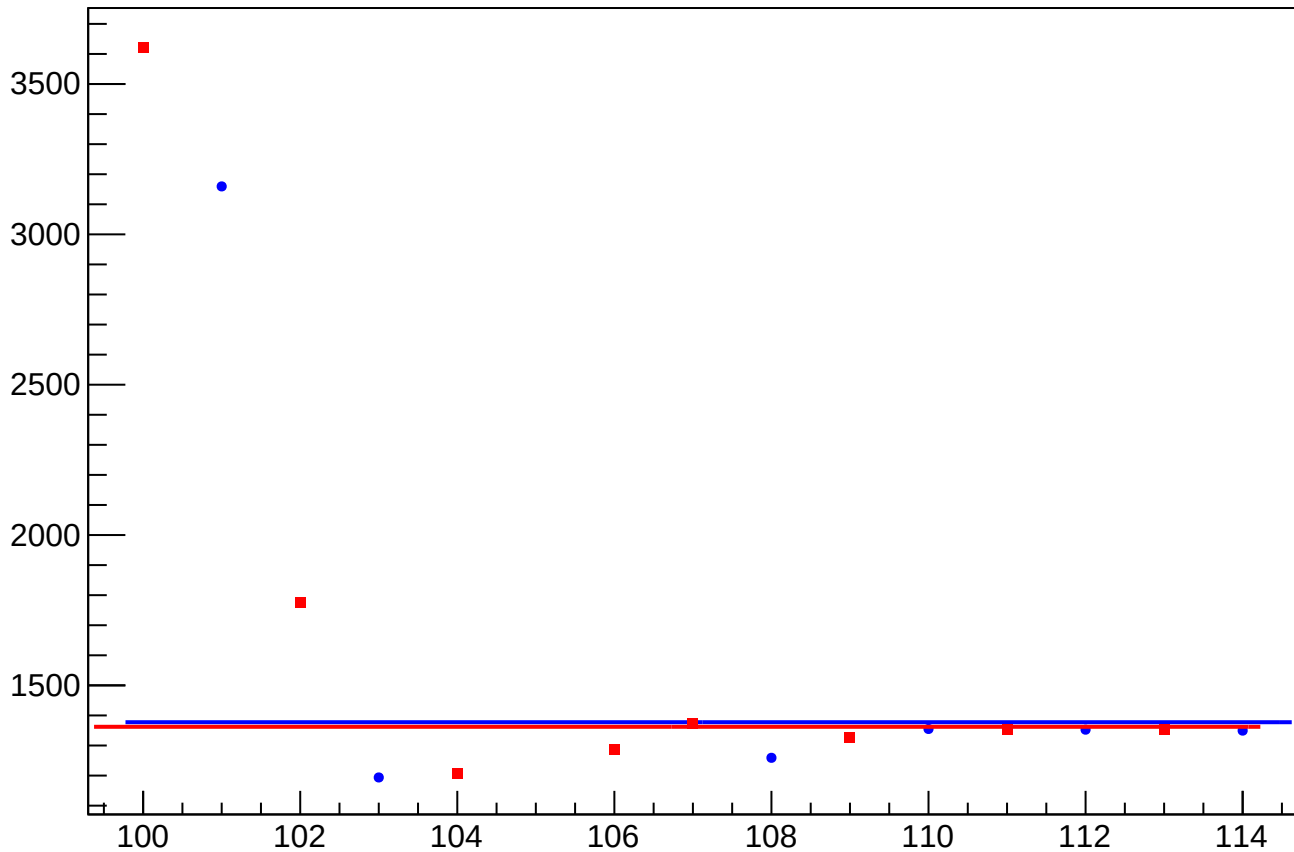
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 925.647 $\pm$ 590.830 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1377.462 $\pm$ 0.629 χ^2 /NDF: 452258.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1362.239 $\pm$ 0.559 χ^2 /NDF: 130434.9/7

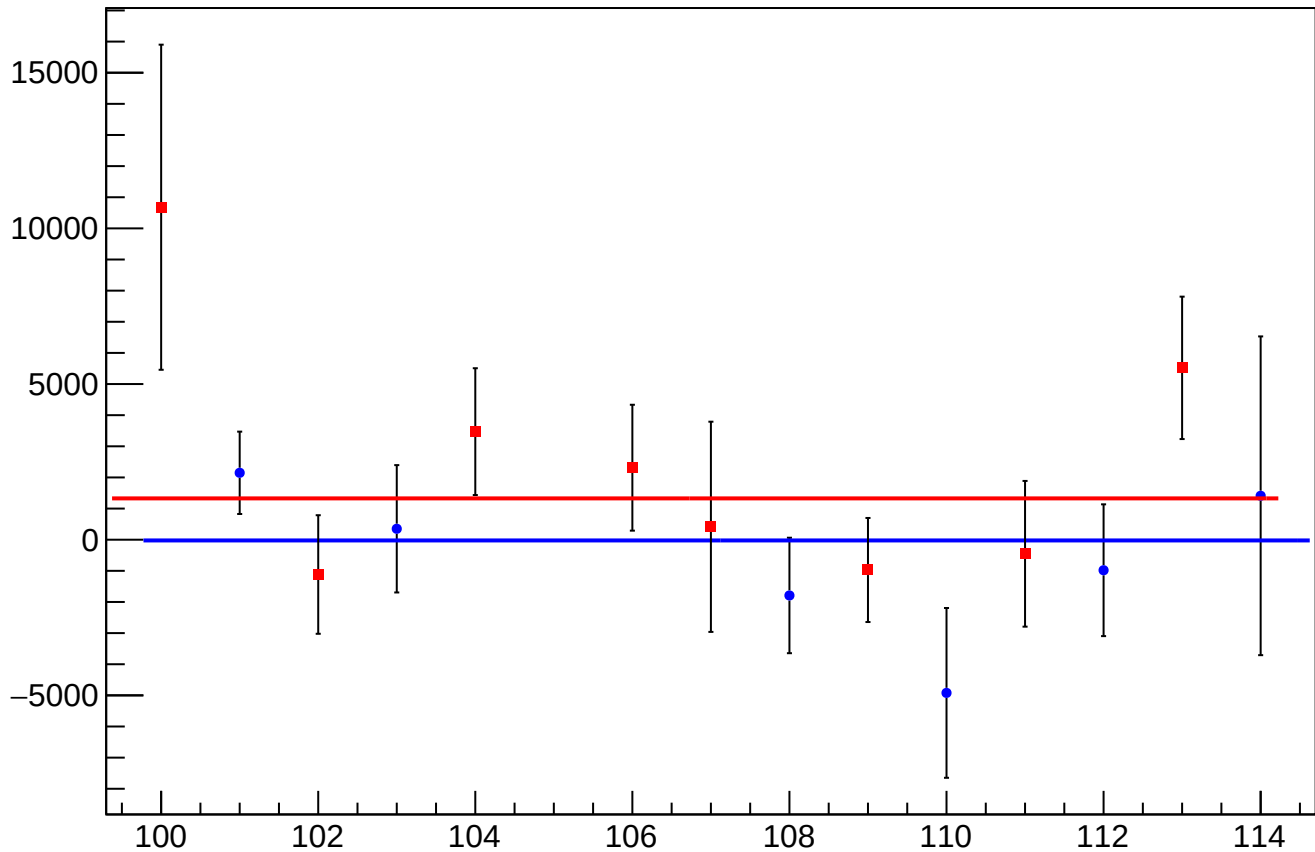
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.945 $\pm$ 0.418 χ^2 /NDF: 583020.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -23.621 ± 817.222 χ^2/NDF : 7.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1327.019 ± 786.238 χ^2/NDF : 12.1/7

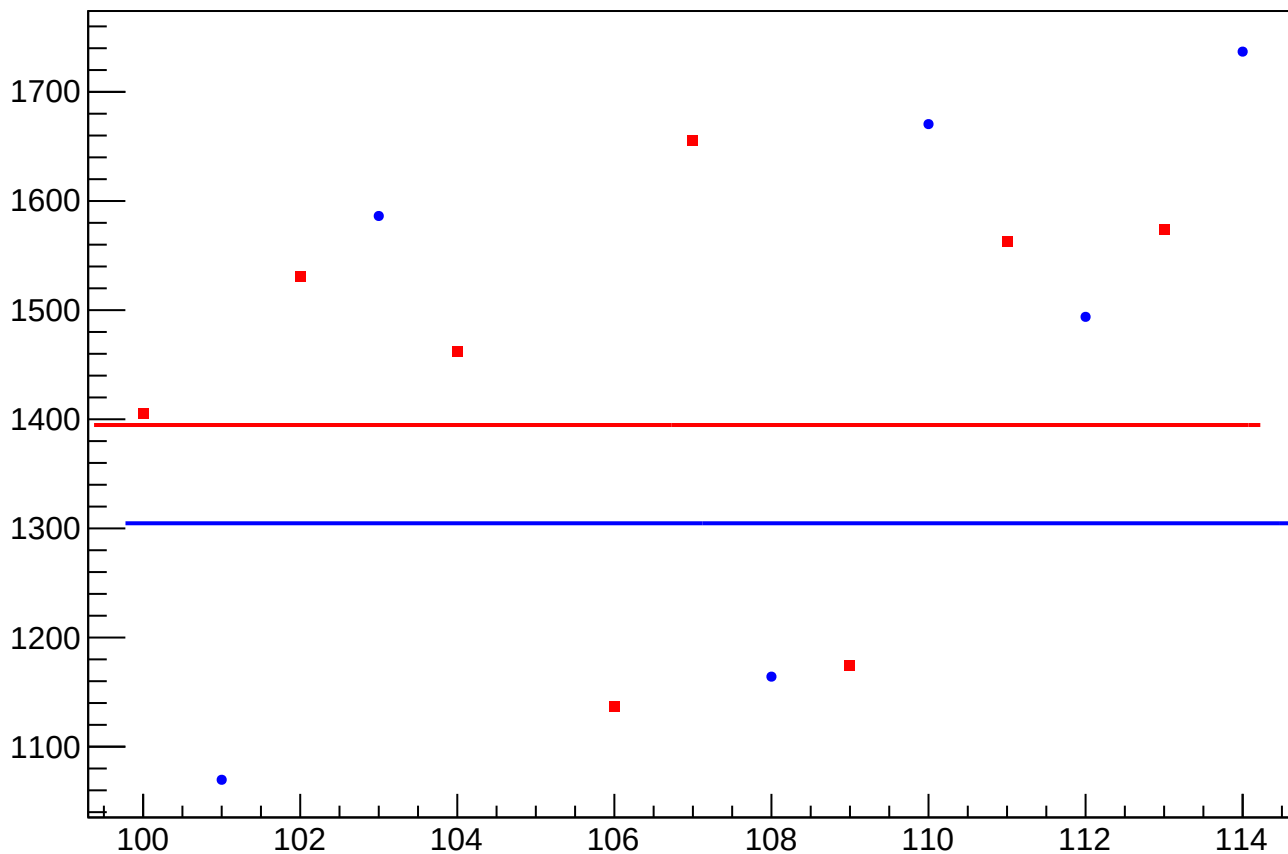
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 677.788 ± 566.591 χ^2/NDF : 20.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1304.704+/-0.578 χ^2/NDF : 178760.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1394.749+/-0.556 χ^2/NDF : 114477.7/7

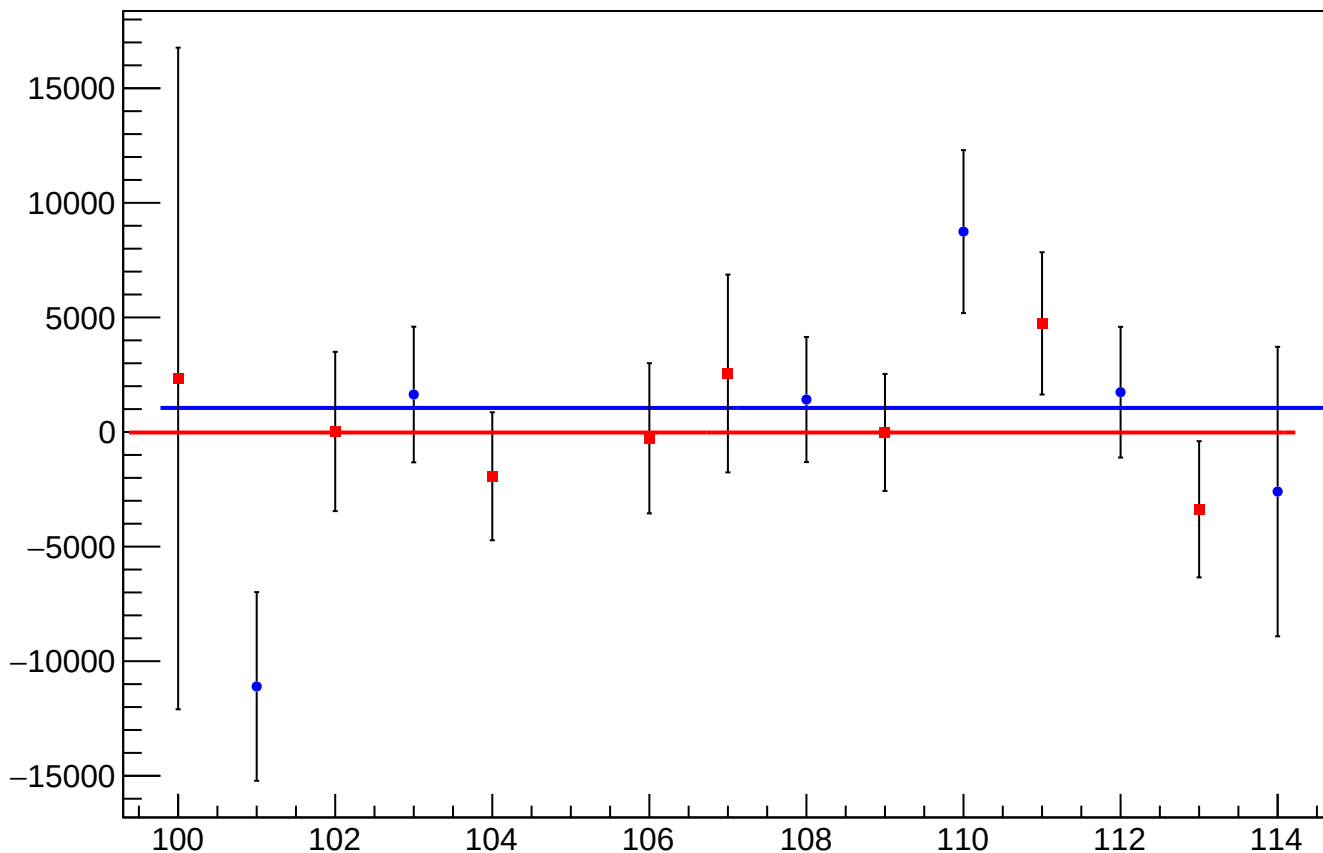
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.465+/-0.401 χ^2/NDF : 305847.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 1051.706+/-1367.861 χ^2/NDF : 13.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.359+/-1167.844 χ^2/NDF : 4.5/7

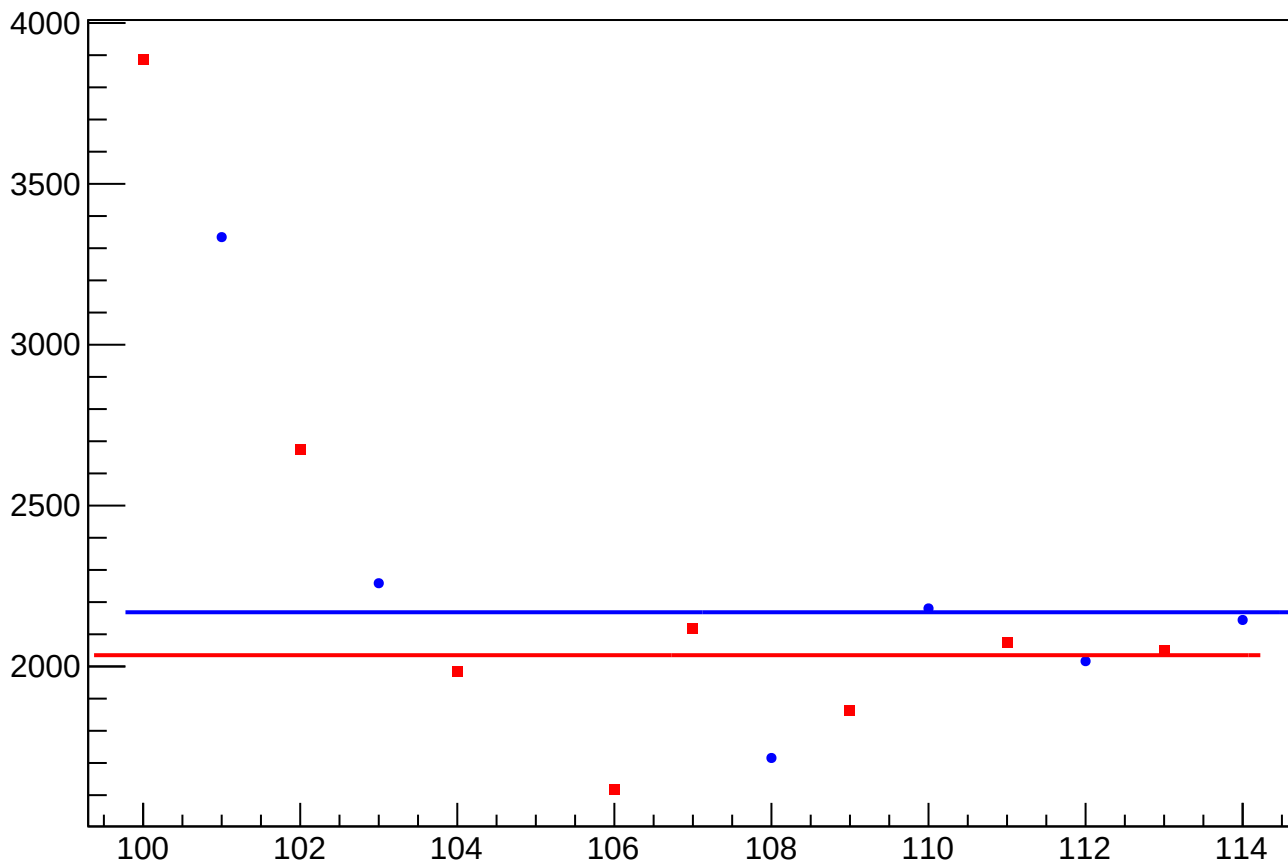
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.632+/-888.170 χ^2/NDF : 18.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 2168.472+/-0.967 χ^2/NDF : 223110.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2035.010+/-0.826 χ^2/NDF : 143775.0/7

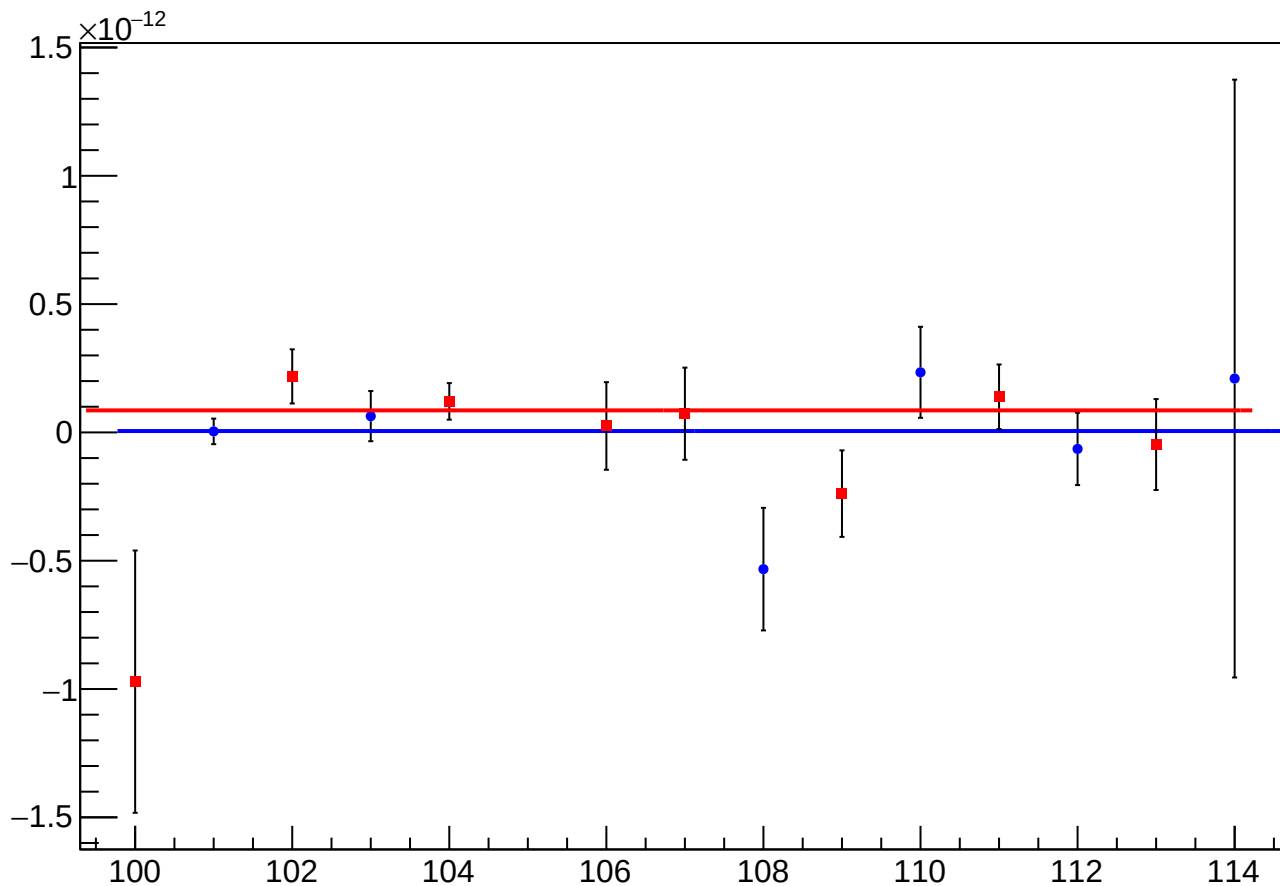
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2091.277+/-0.628 χ^2/NDF : 377898.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/7

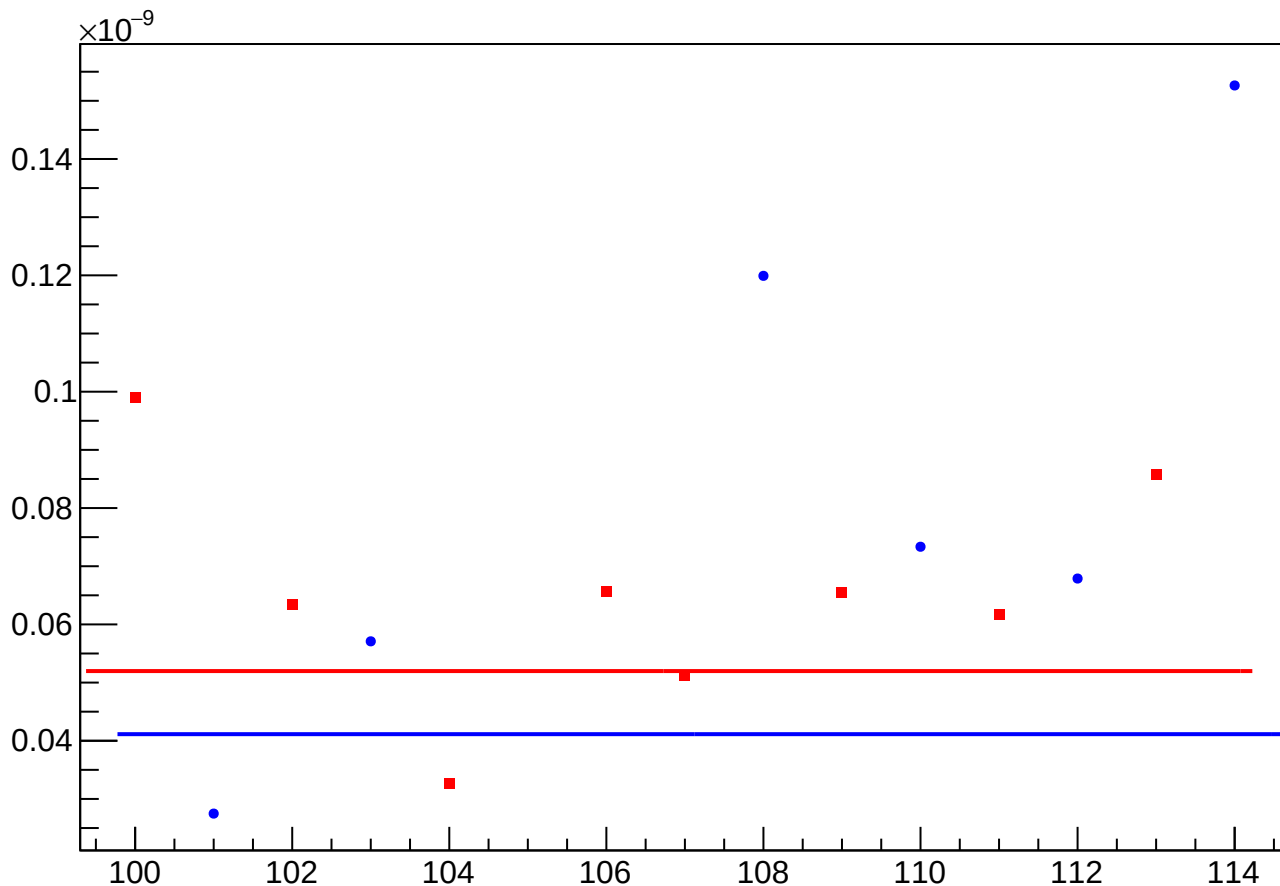
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 577565.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 299572.4/7

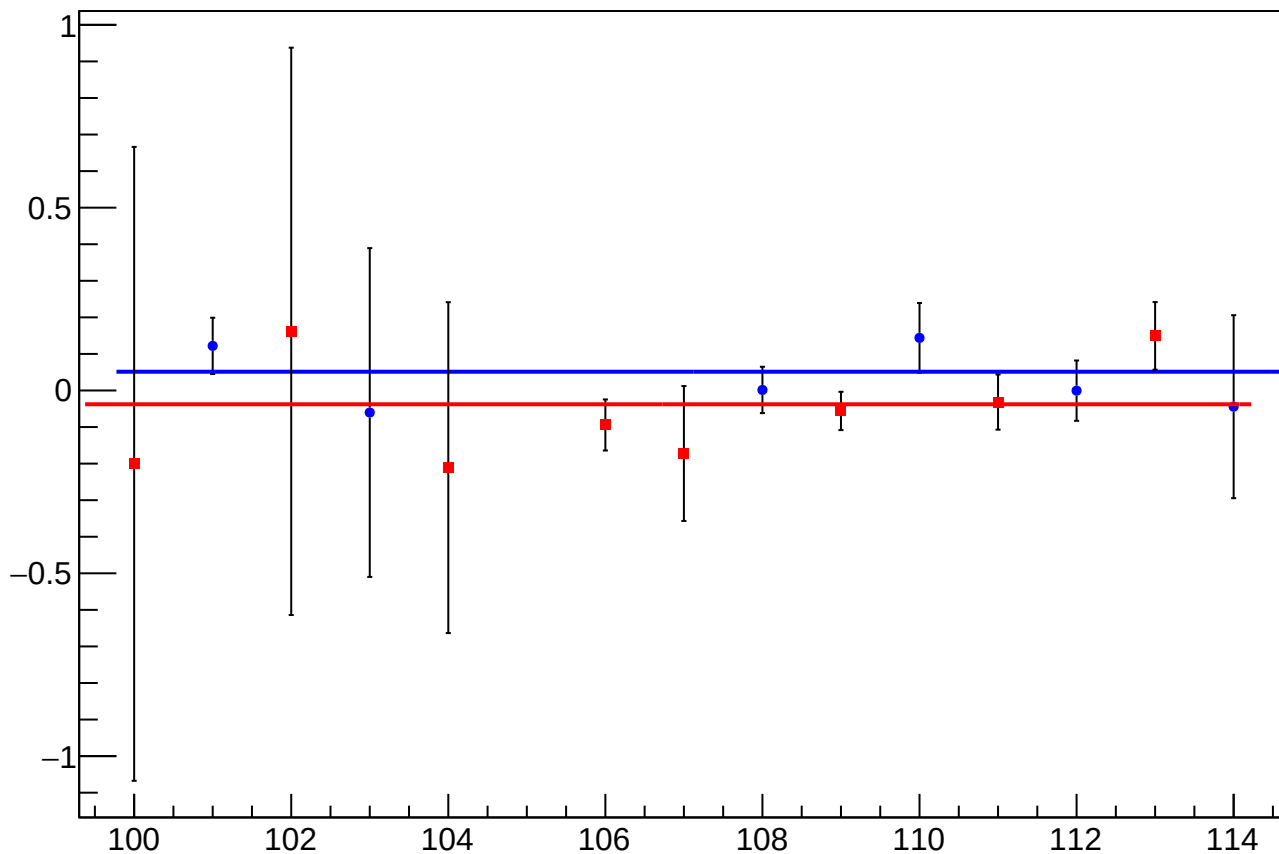
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 940737.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

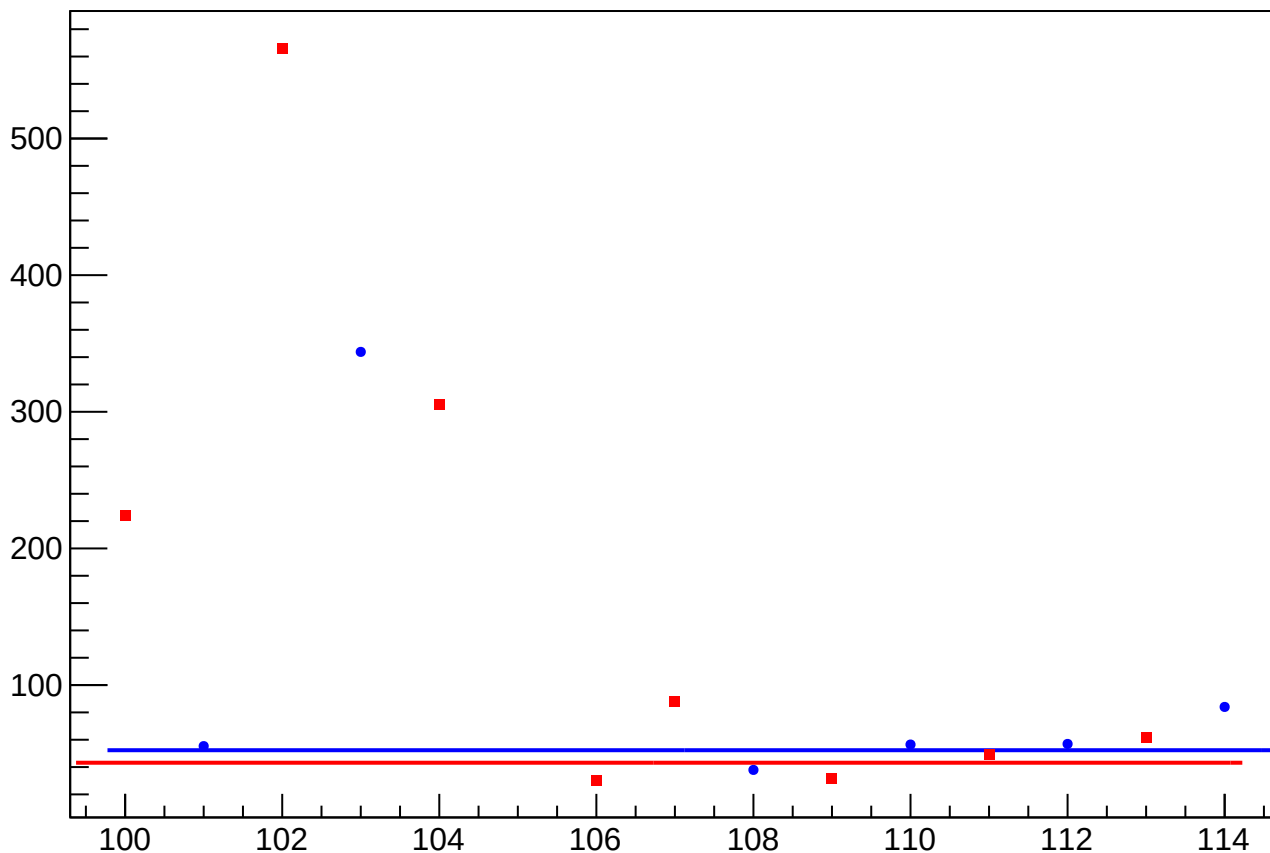
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

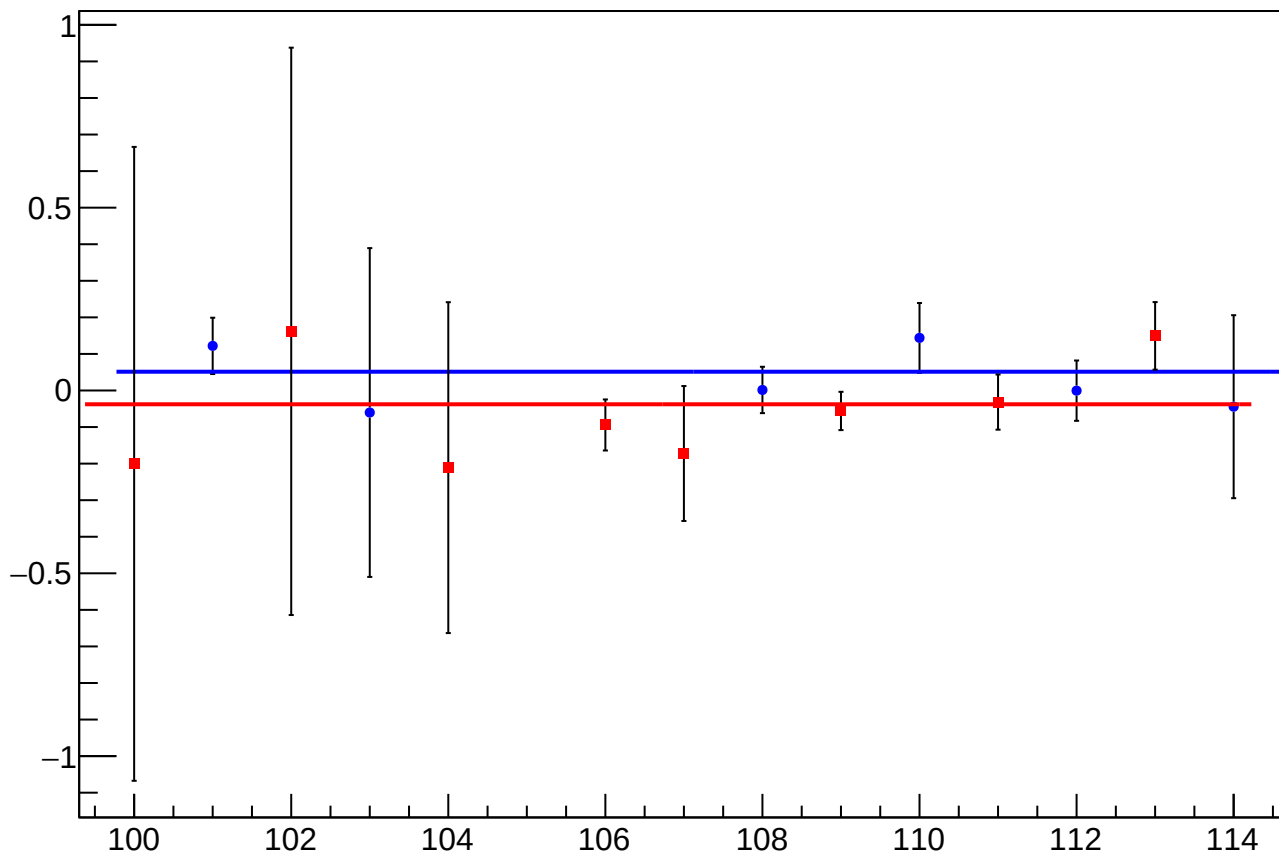
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

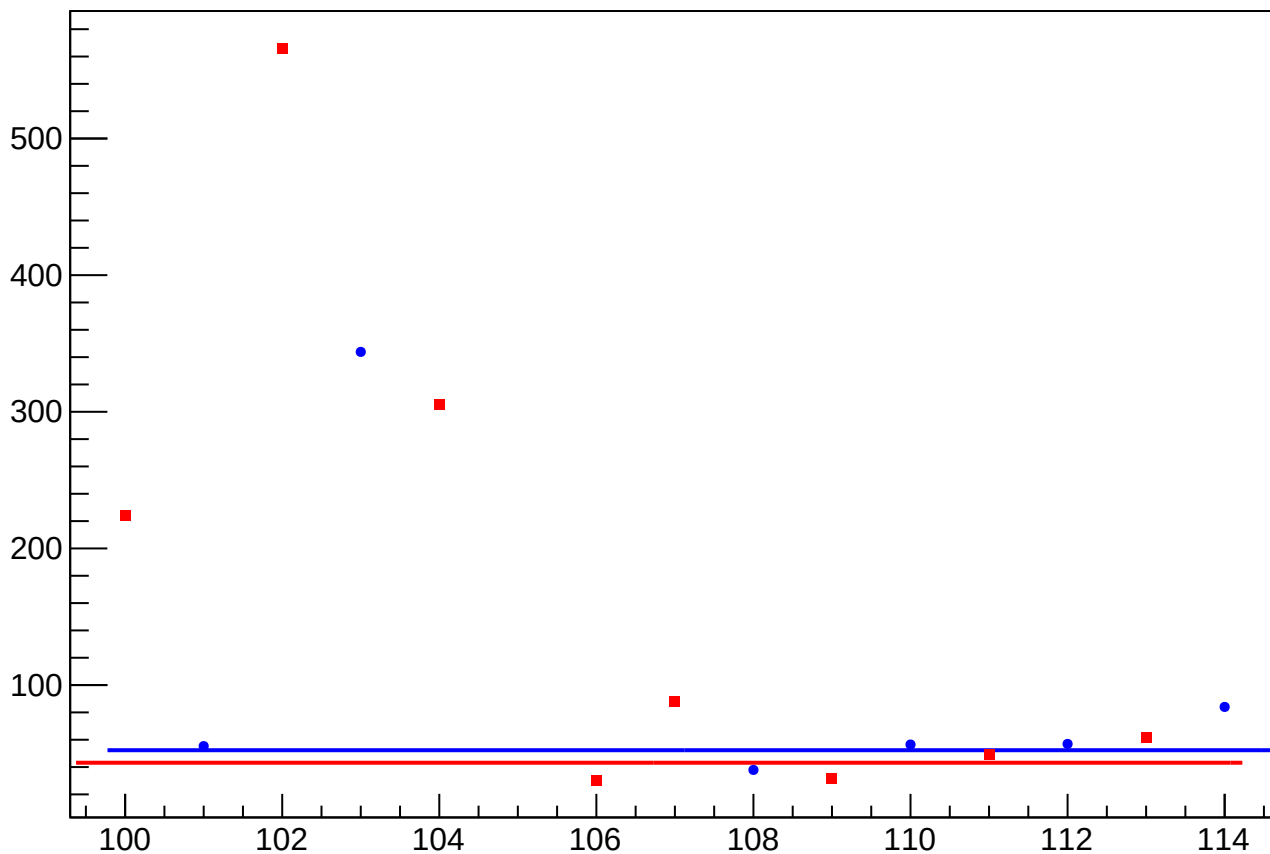
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

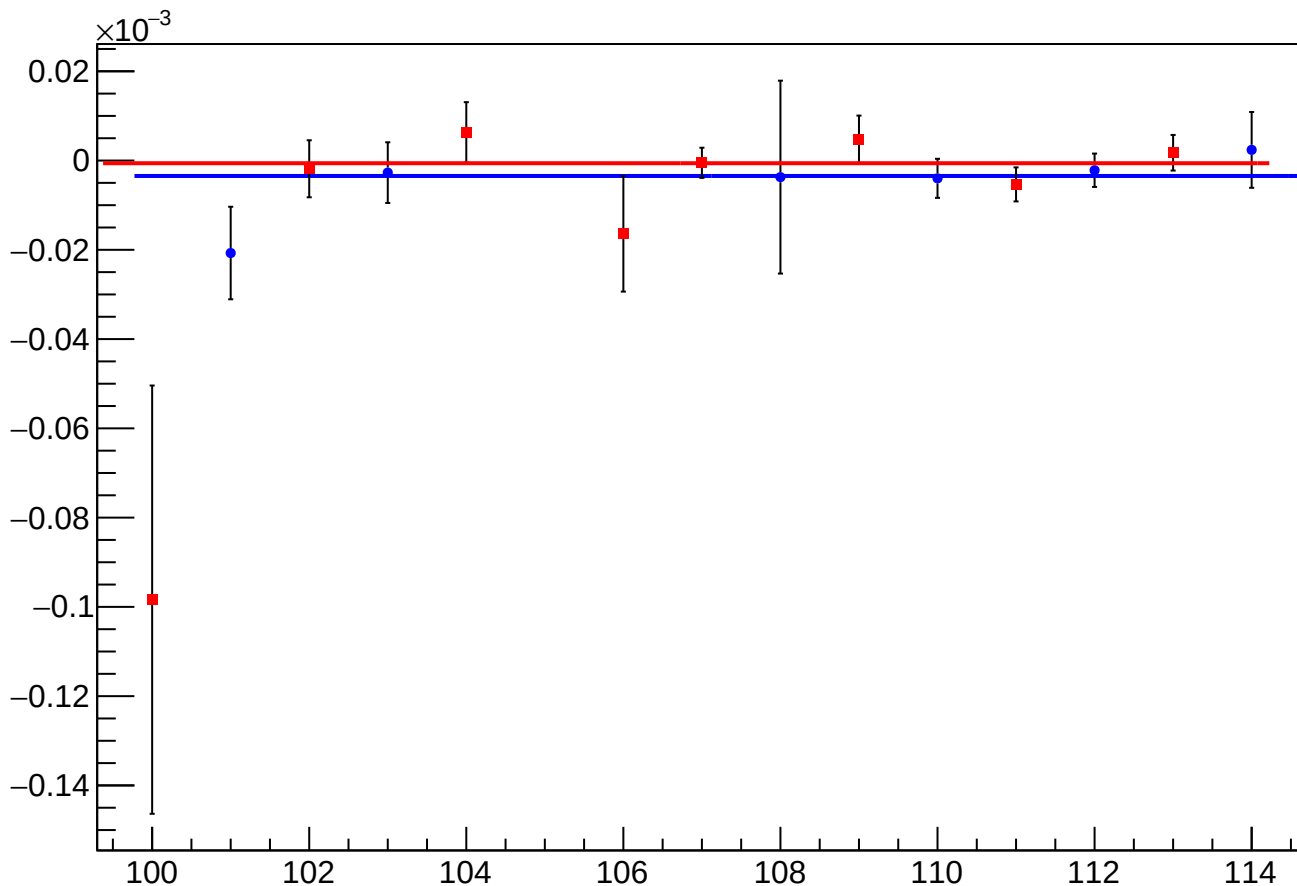
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/7

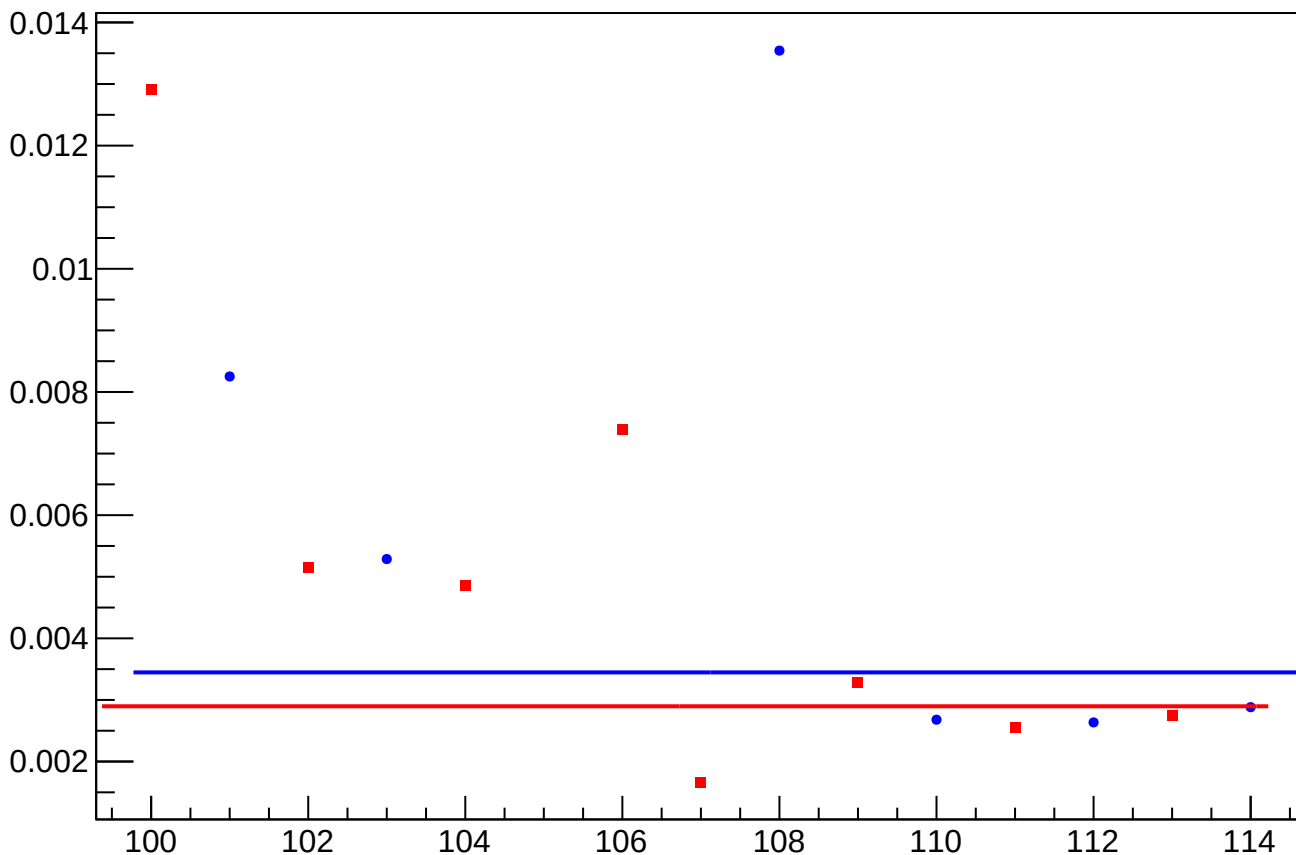
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1177767.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1042860.7/7

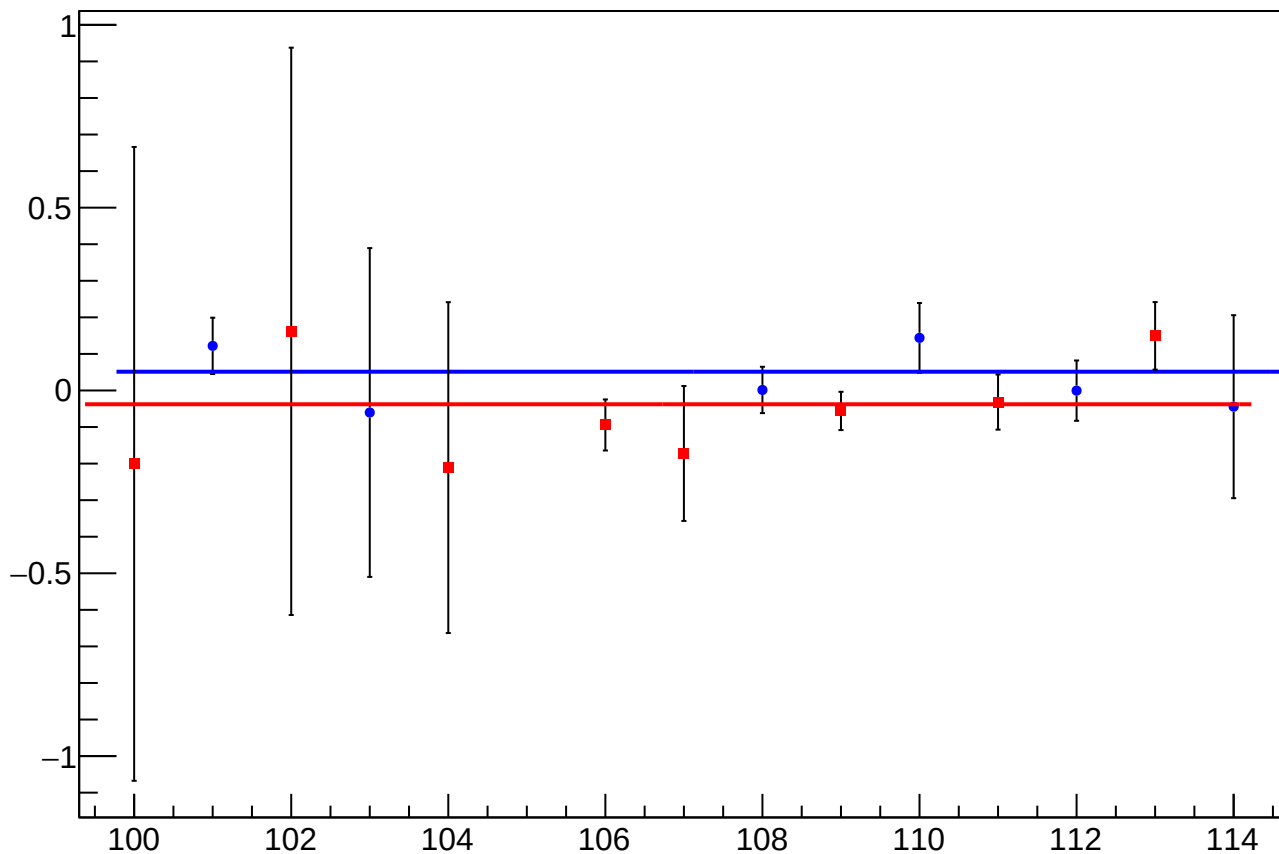
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2287108.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

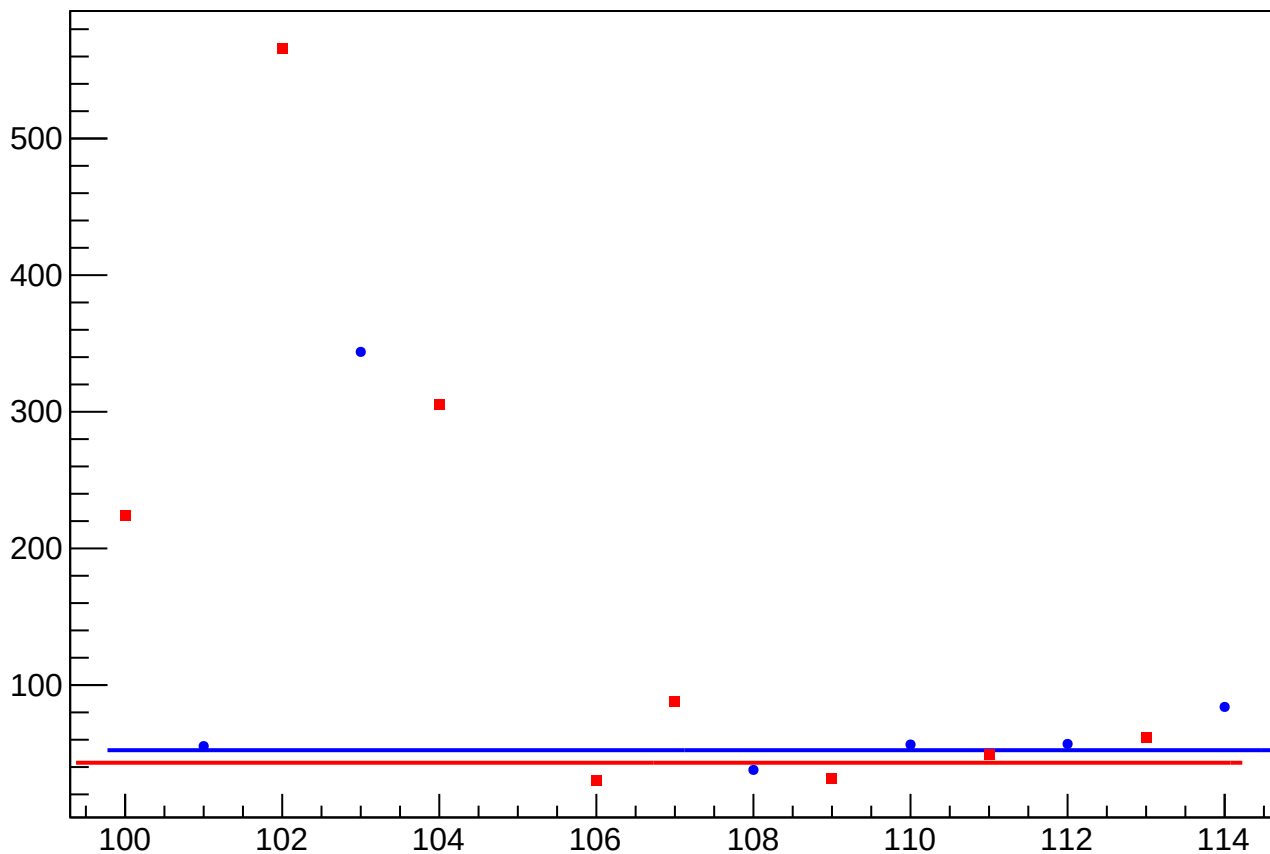
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

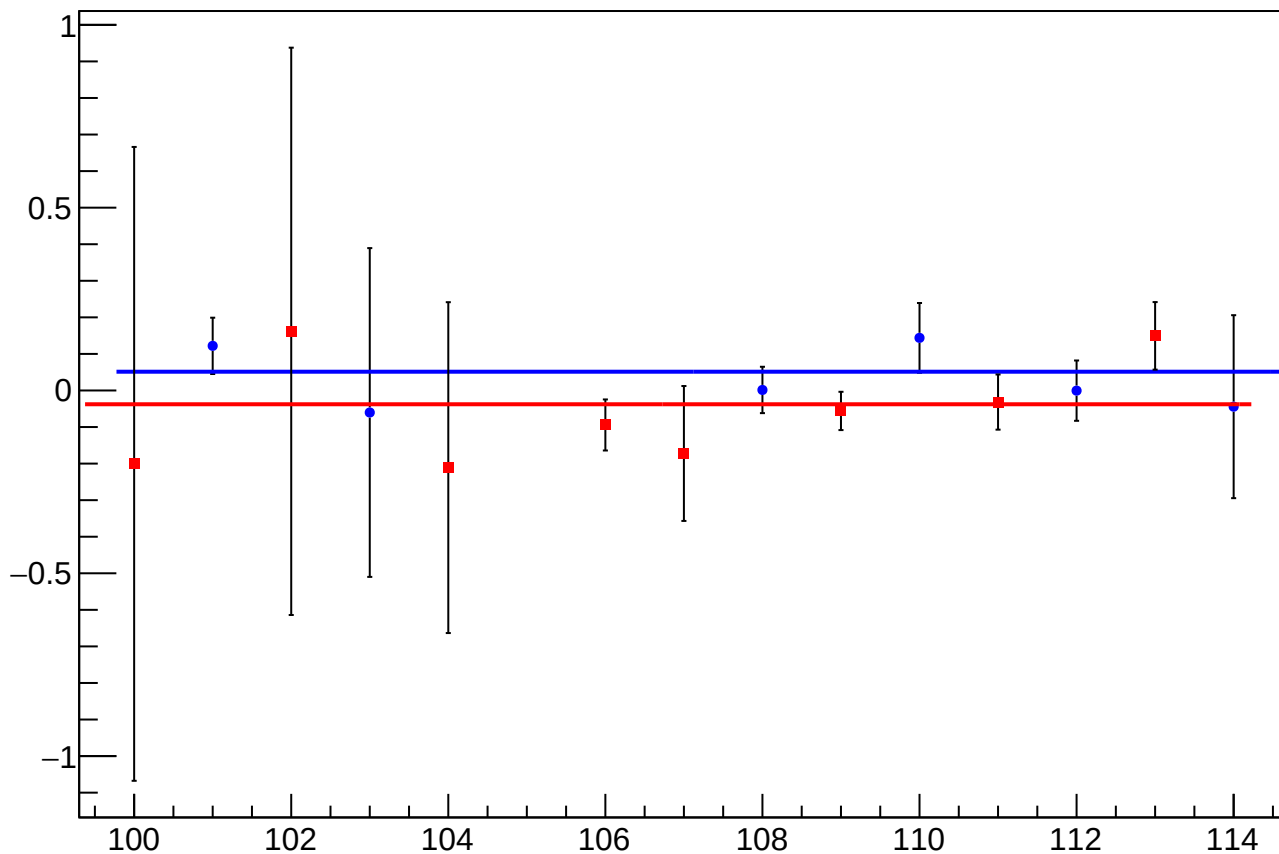
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

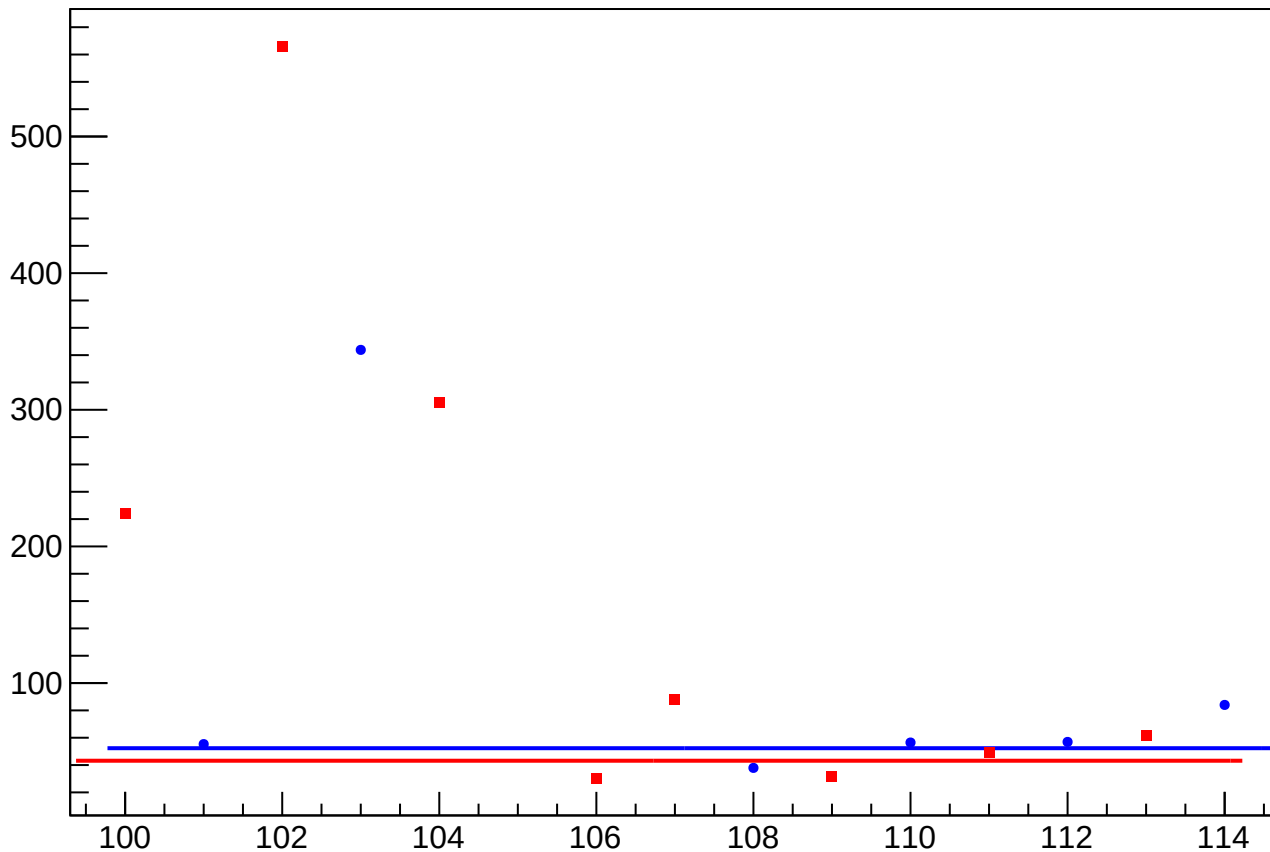
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

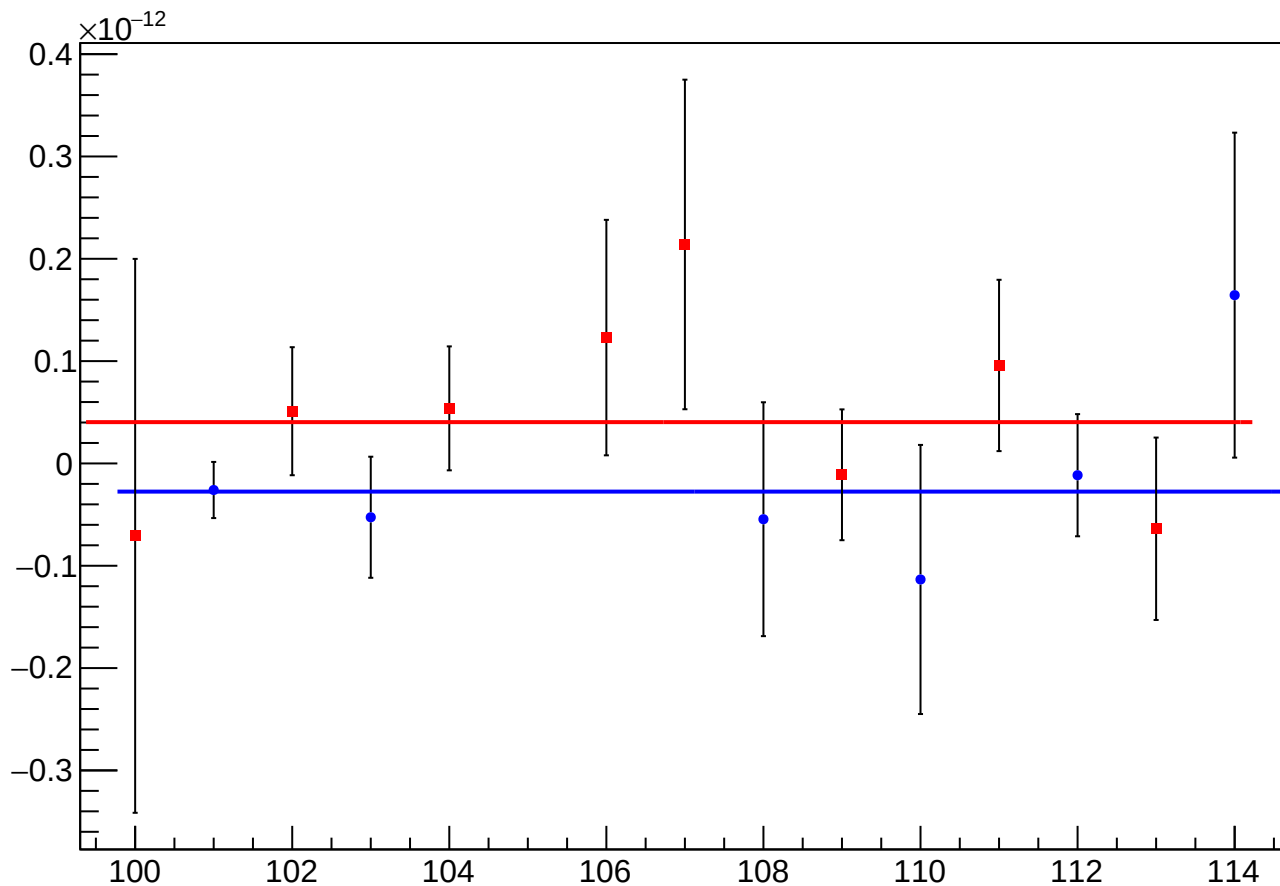
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.4/7

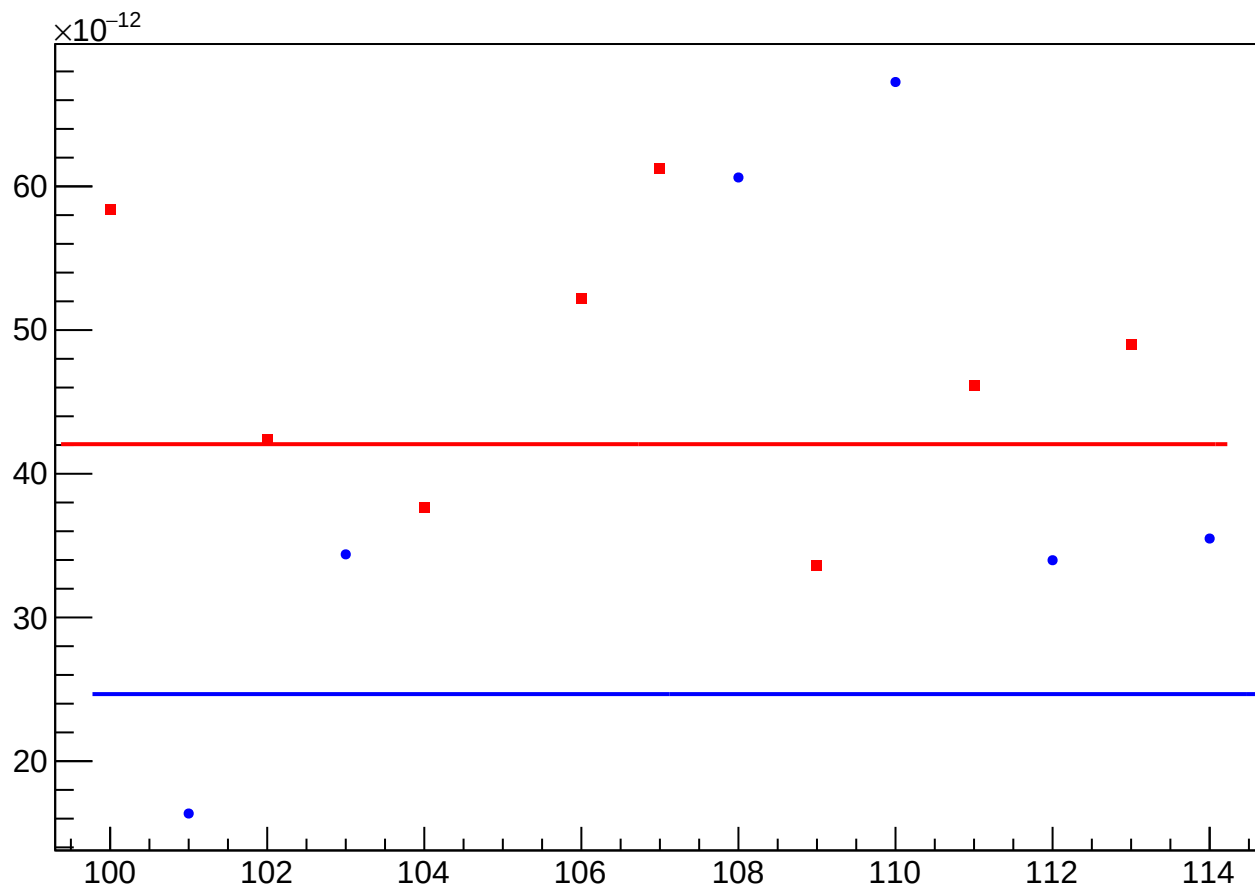
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 703355.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113758.1/7

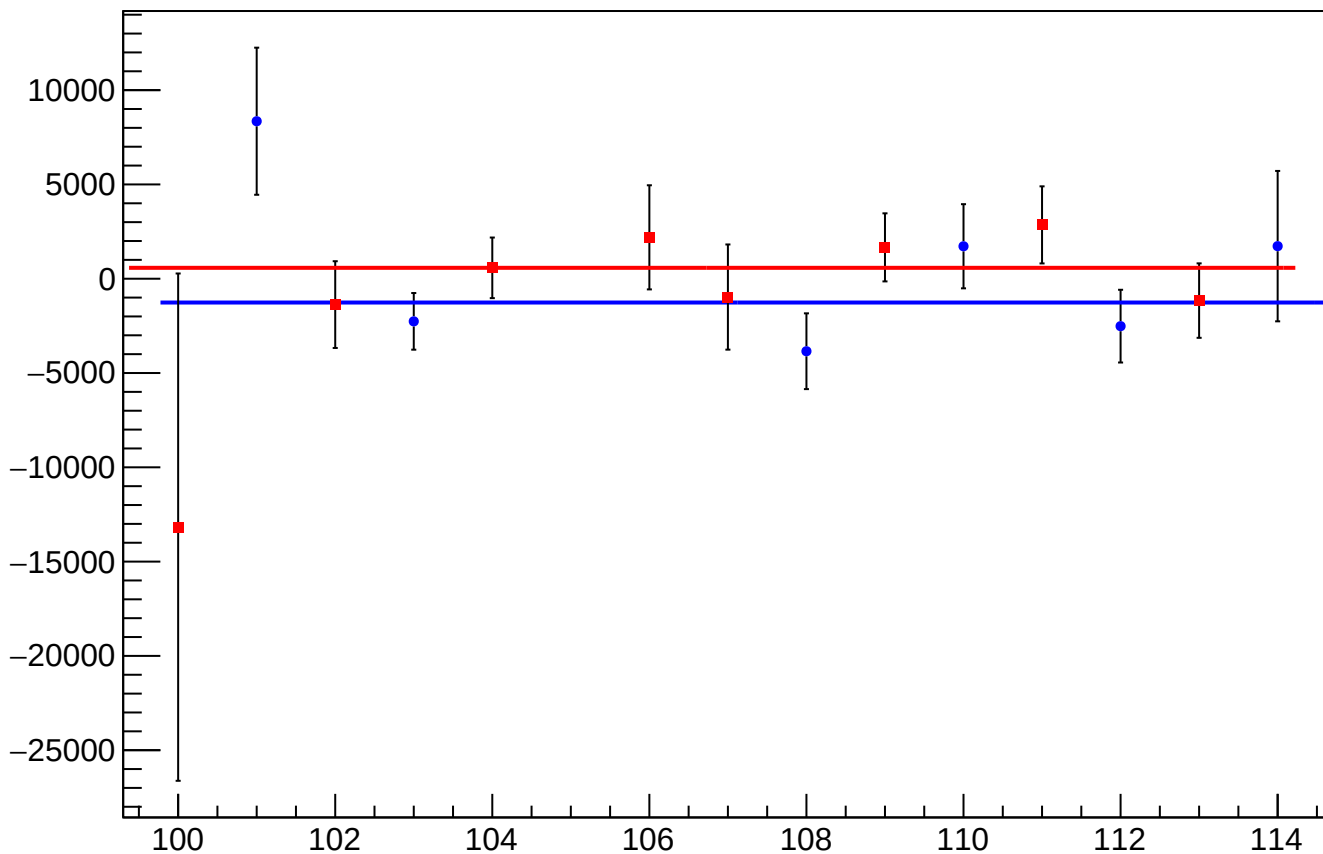
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1269049.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1261.965+/-880.623 χ^2/NDF : 10.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.285+/-779.701 χ^2/NDF : 4.8/7

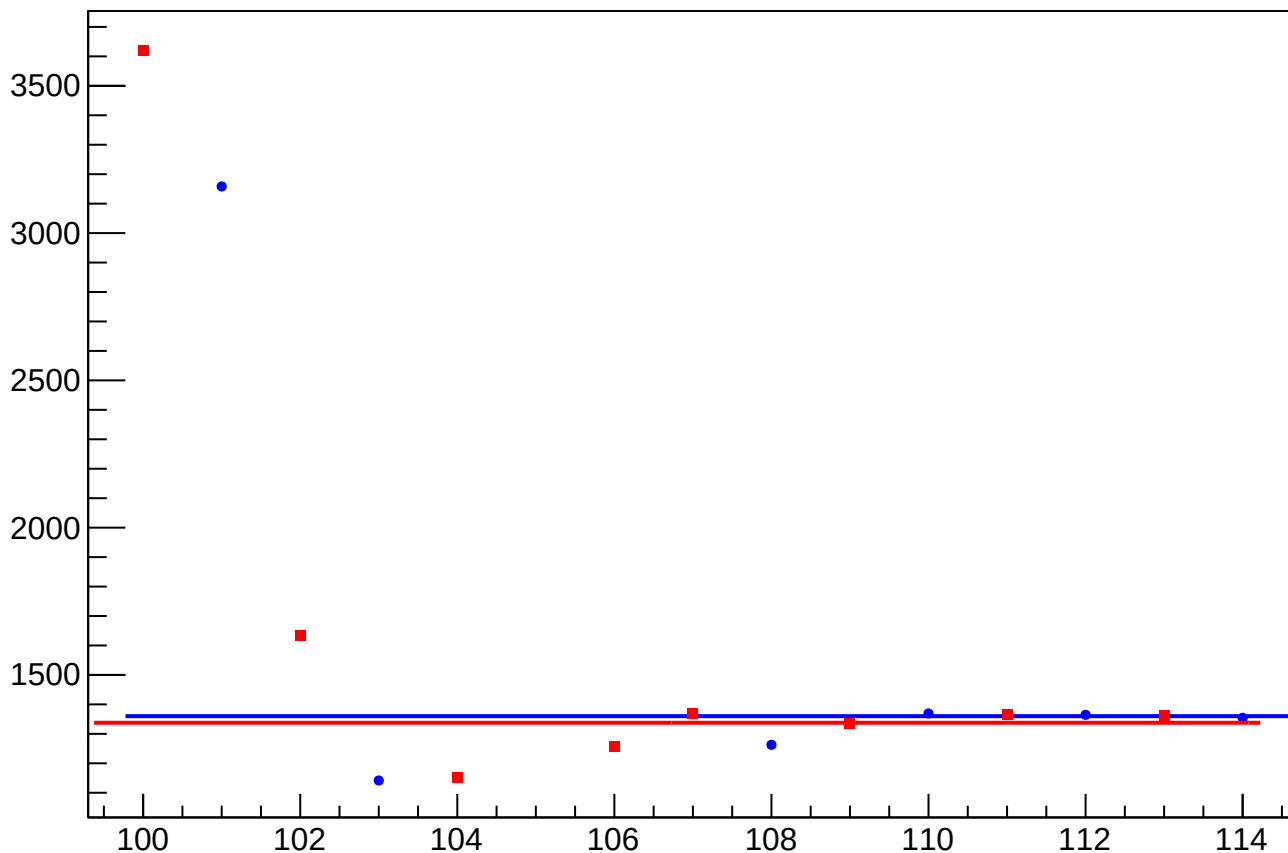
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.393+/-583.767 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472257.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.665+/-0.548 χ^2/NDF : 120806.1/7

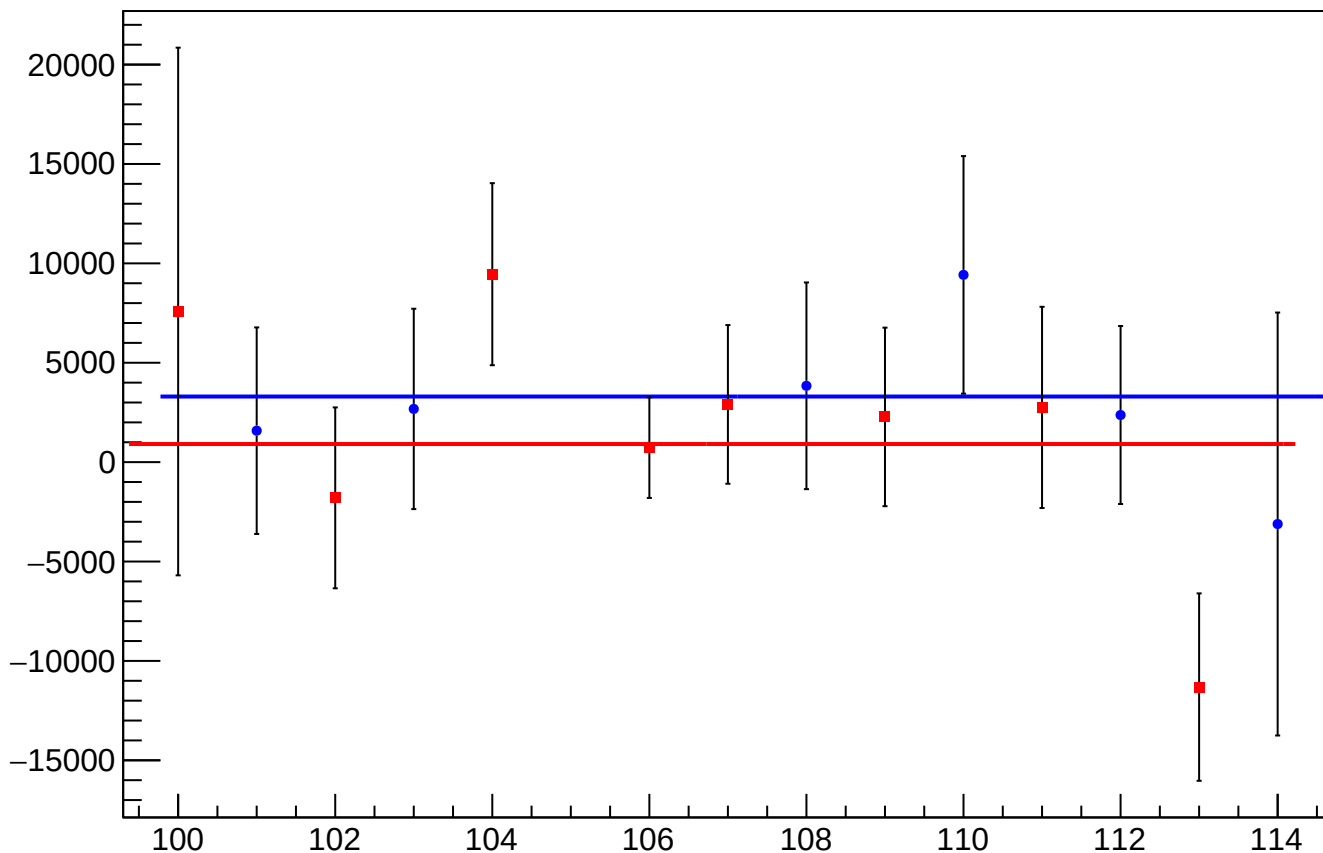
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug



Right In: 3300.817 $\pm$ 2235.388 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 911.596 $\pm$ 1483.479 χ^2 /NDF: 11.3/7

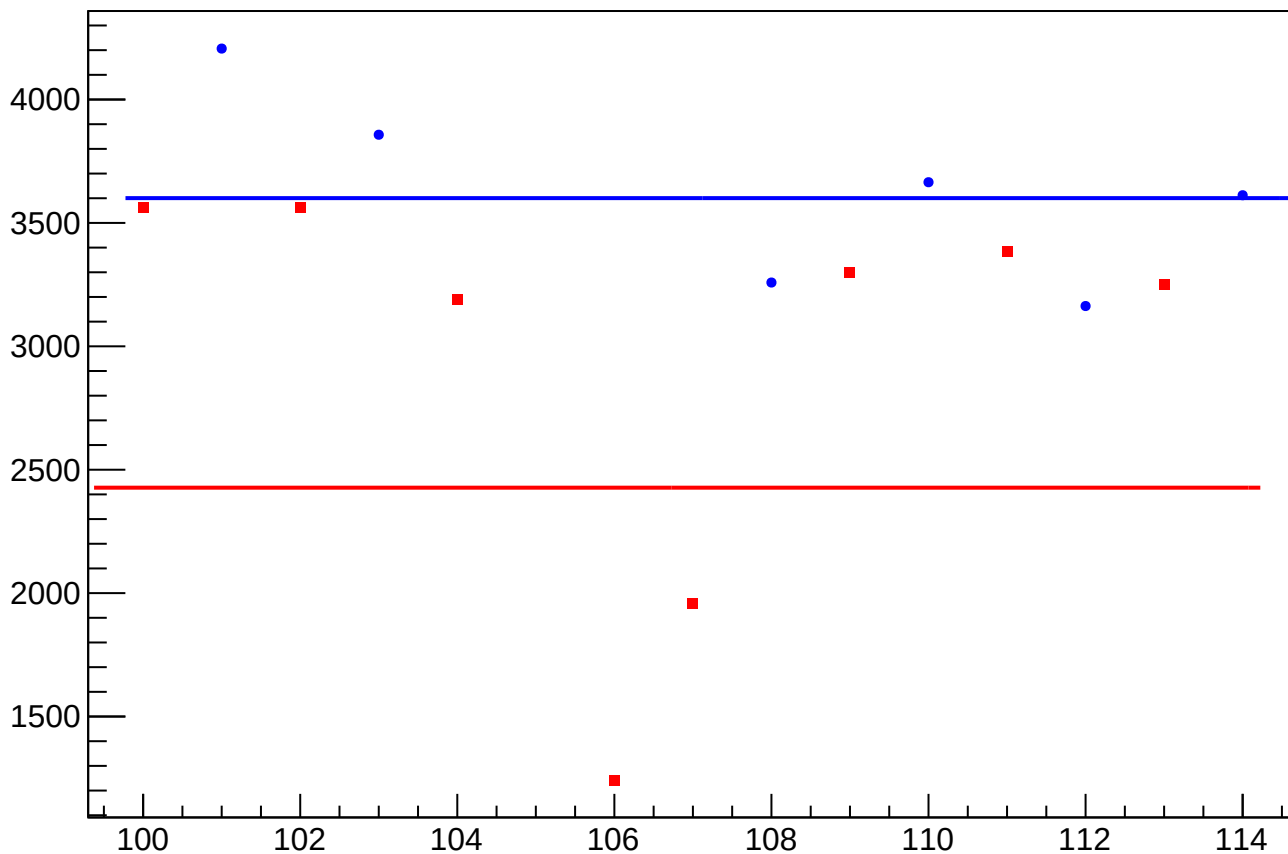
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1642.107 $\pm$ 1236.057 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug



Right In: 3600.475+/-1.581 χ^2/NDF : 60353.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.268+/-1.049 χ^2/NDF : 869254.5/7

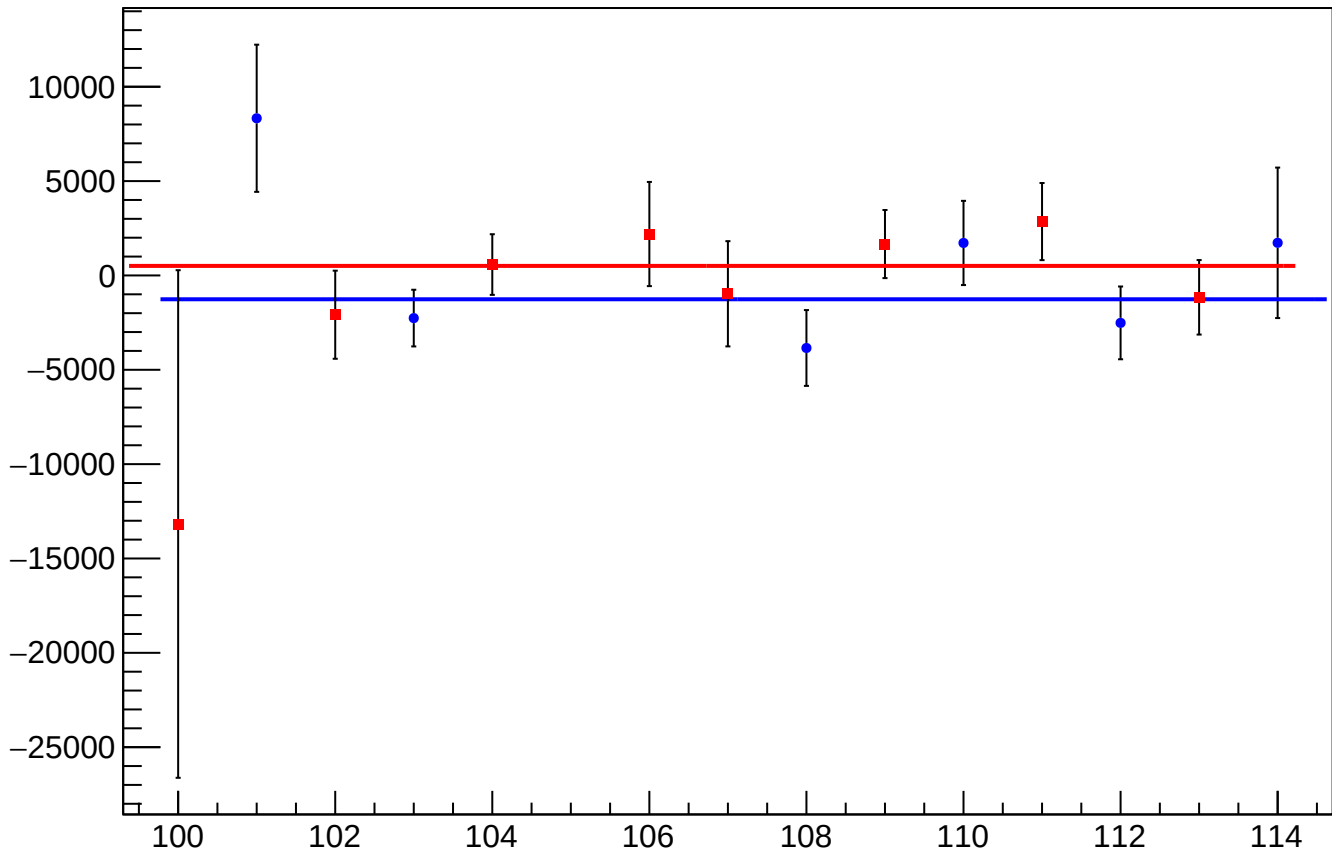
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2785.980+/-0.874 χ^2/NDF : 1312069.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1262.977 $\pm$ 880.624 χ^2 /NDF: 10.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.605 $\pm$ 781.025 χ^2 /NDF: 5.4/7

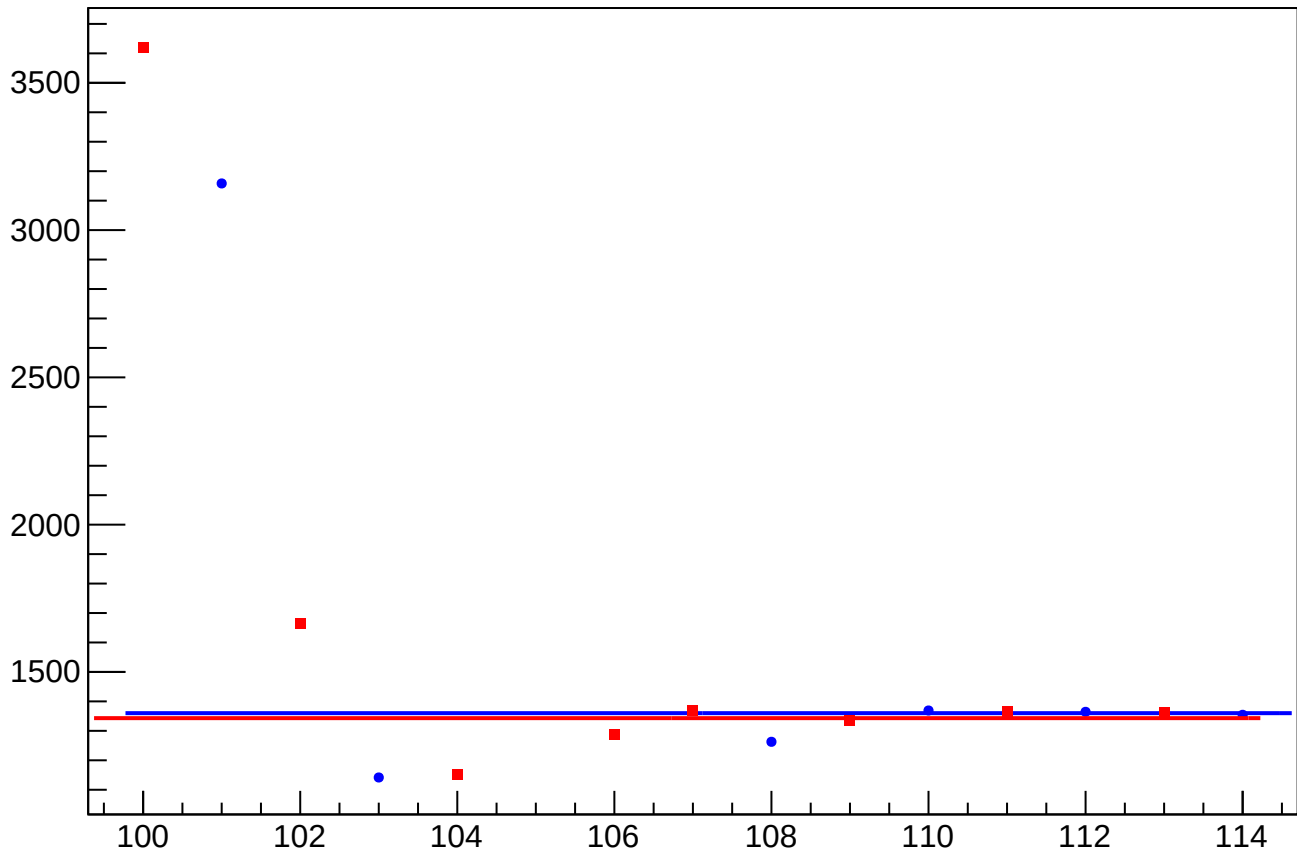
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -273.058 $\pm$ 584.322 χ^2 /NDF: 18.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1360.030 $\pm$ 0.623 χ^2 /NDF: 472259.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1343.114 $\pm$ 0.550 χ^2 /NDF: 125904.6/7

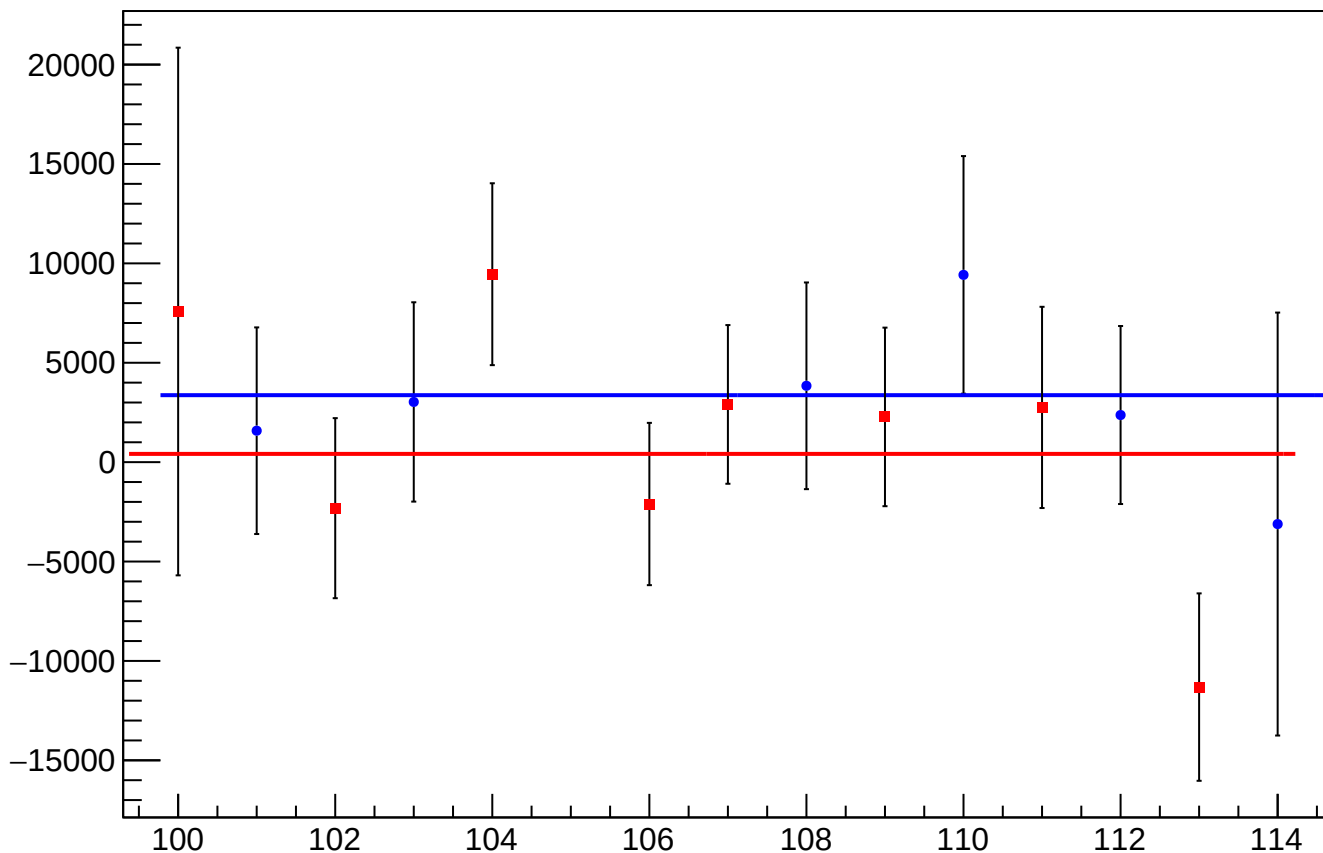
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1350.522 $\pm$ 0.412 χ^2 /NDF: 598578.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug



Right In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.290+/-1669.939 χ^2/NDF : 11.9/7

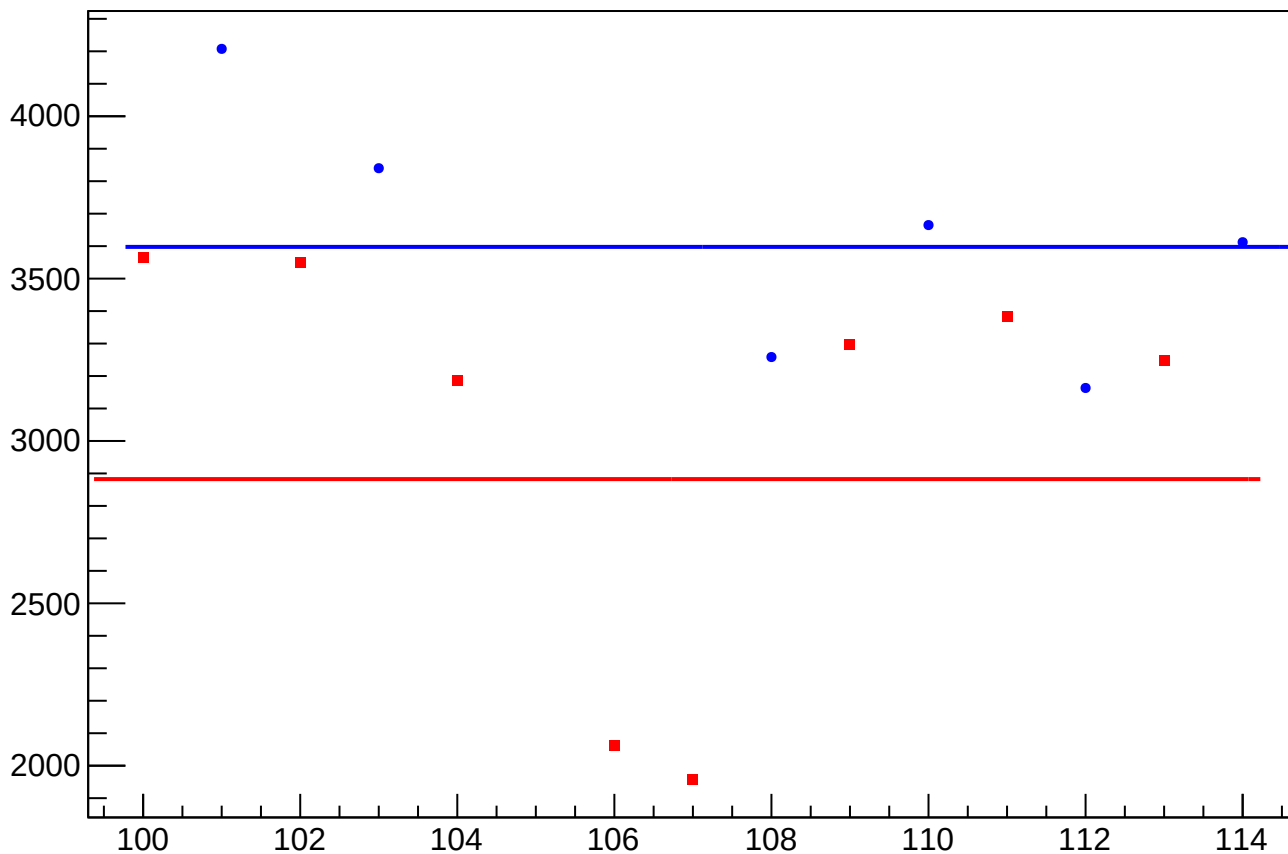
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1474.660+/-1337.378 χ^2/NDF : 14.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



Right In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

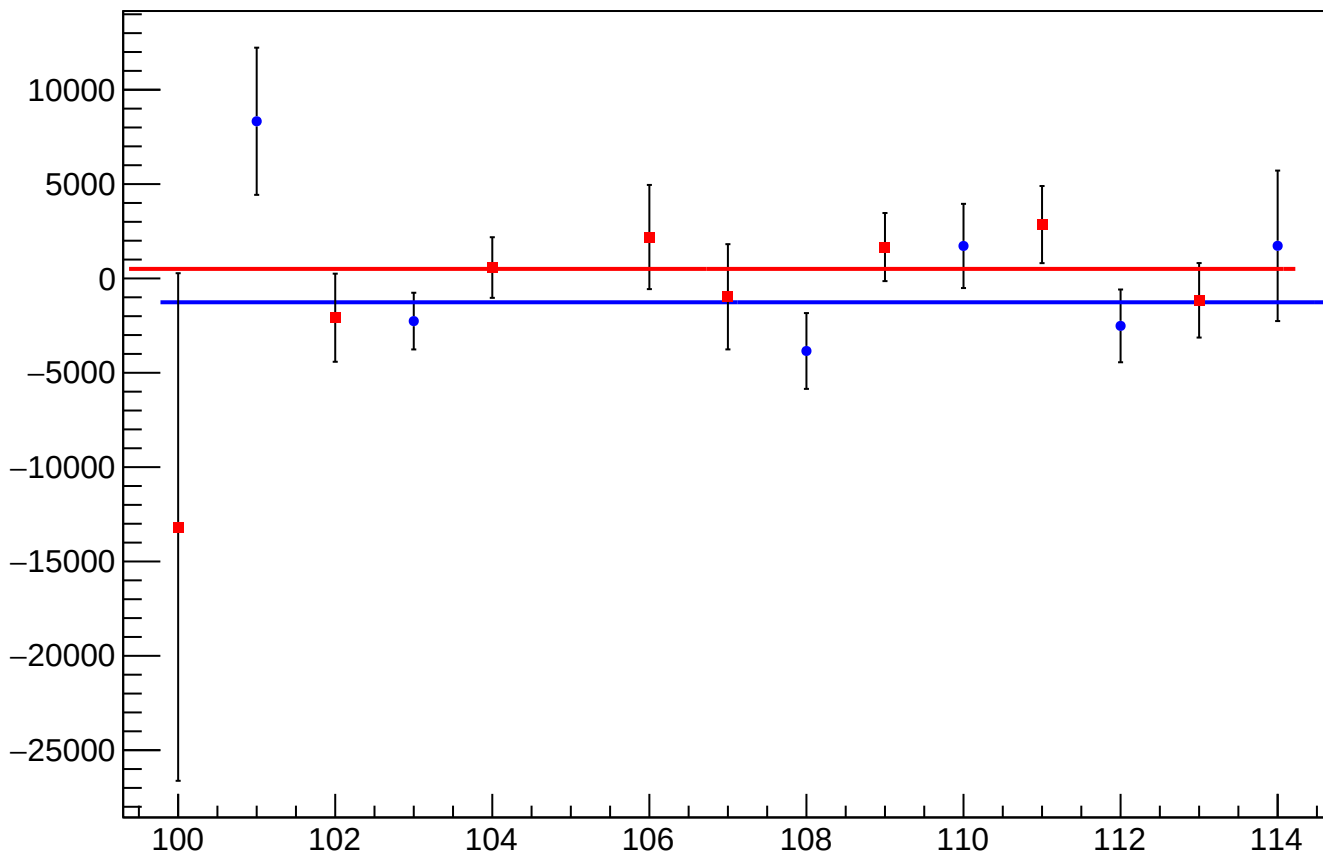
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.605+/-781.025 χ^2/NDF : 5.4/7

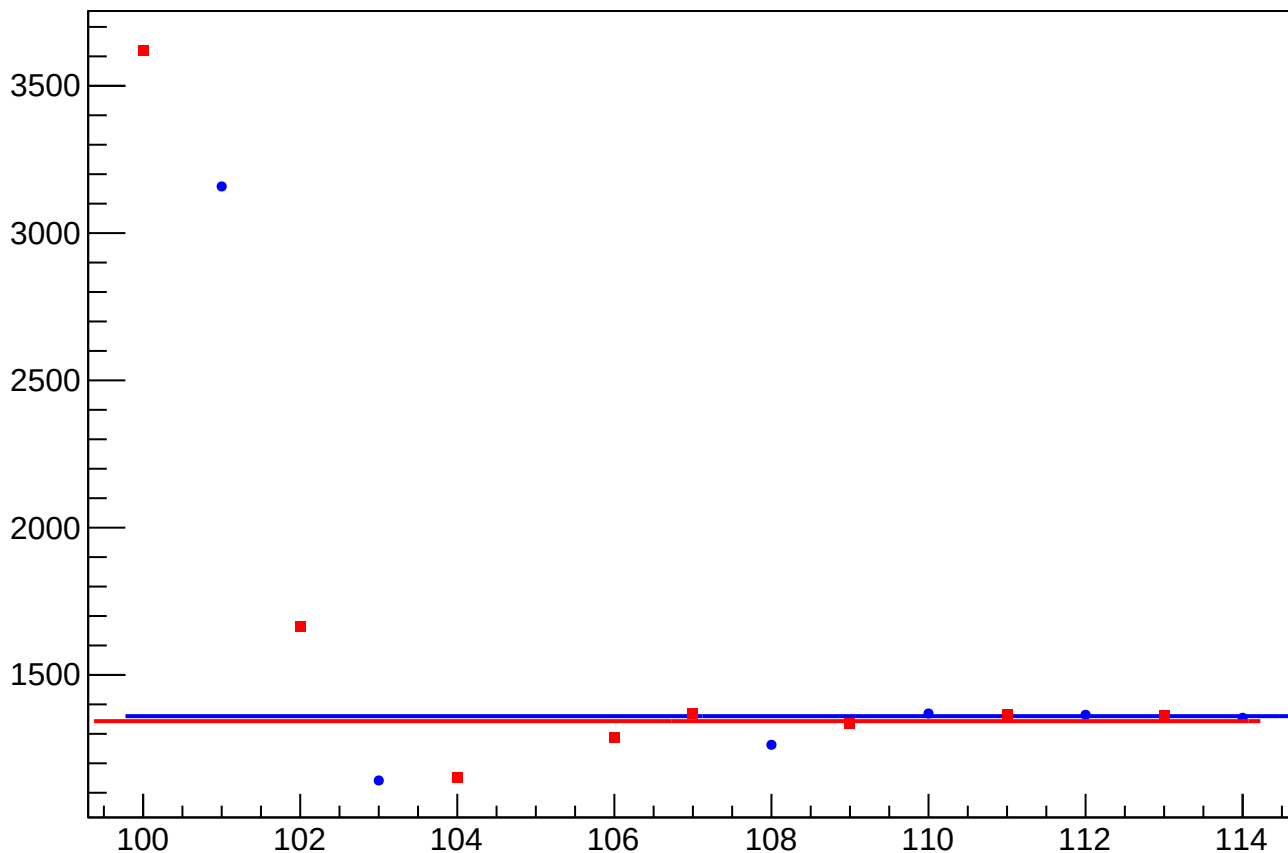
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.058+/-584.322 χ^2/NDF : 18.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

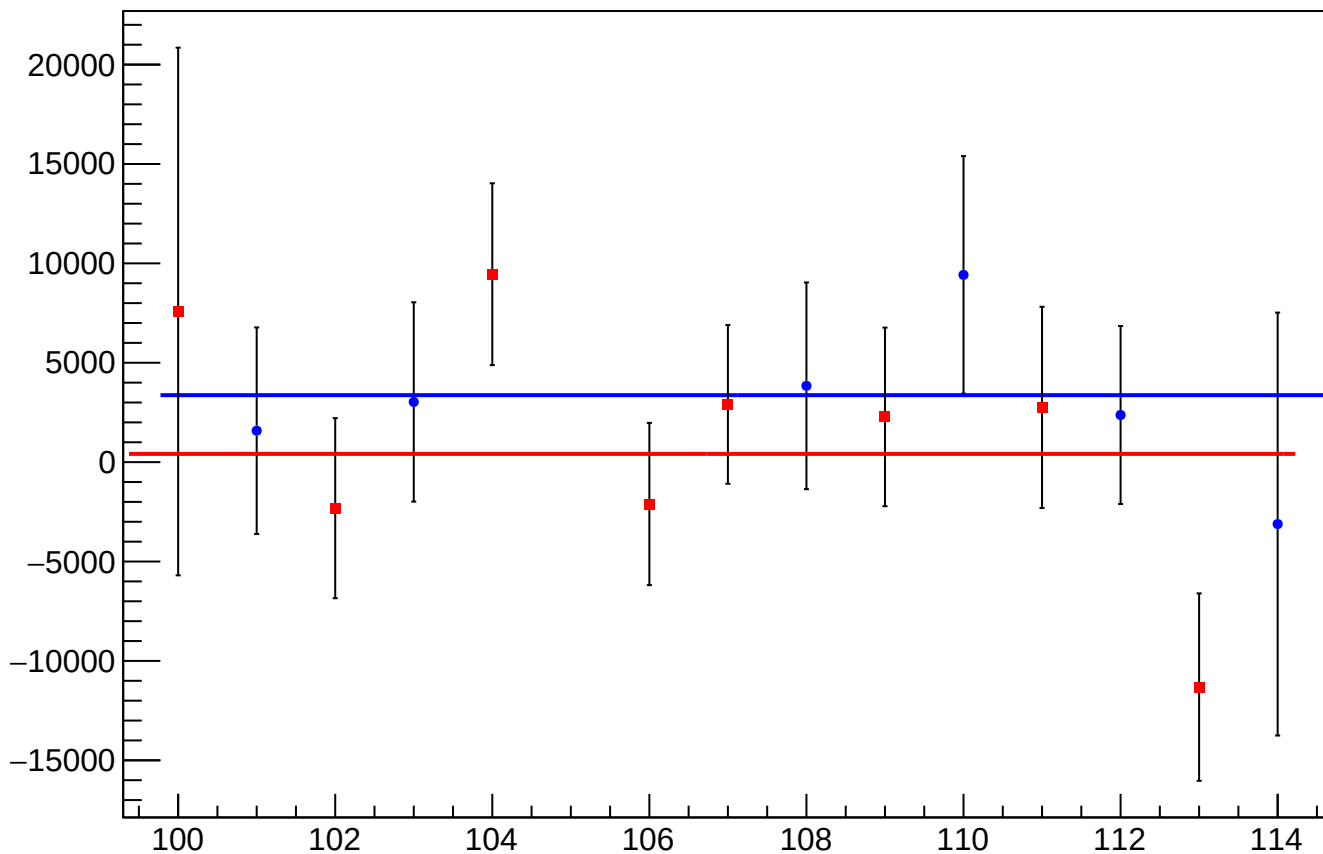
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 3369.206 $\pm$ 2233.210 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 415.290 $\pm$ 1669.939 χ^2 /NDF: 11.9/7

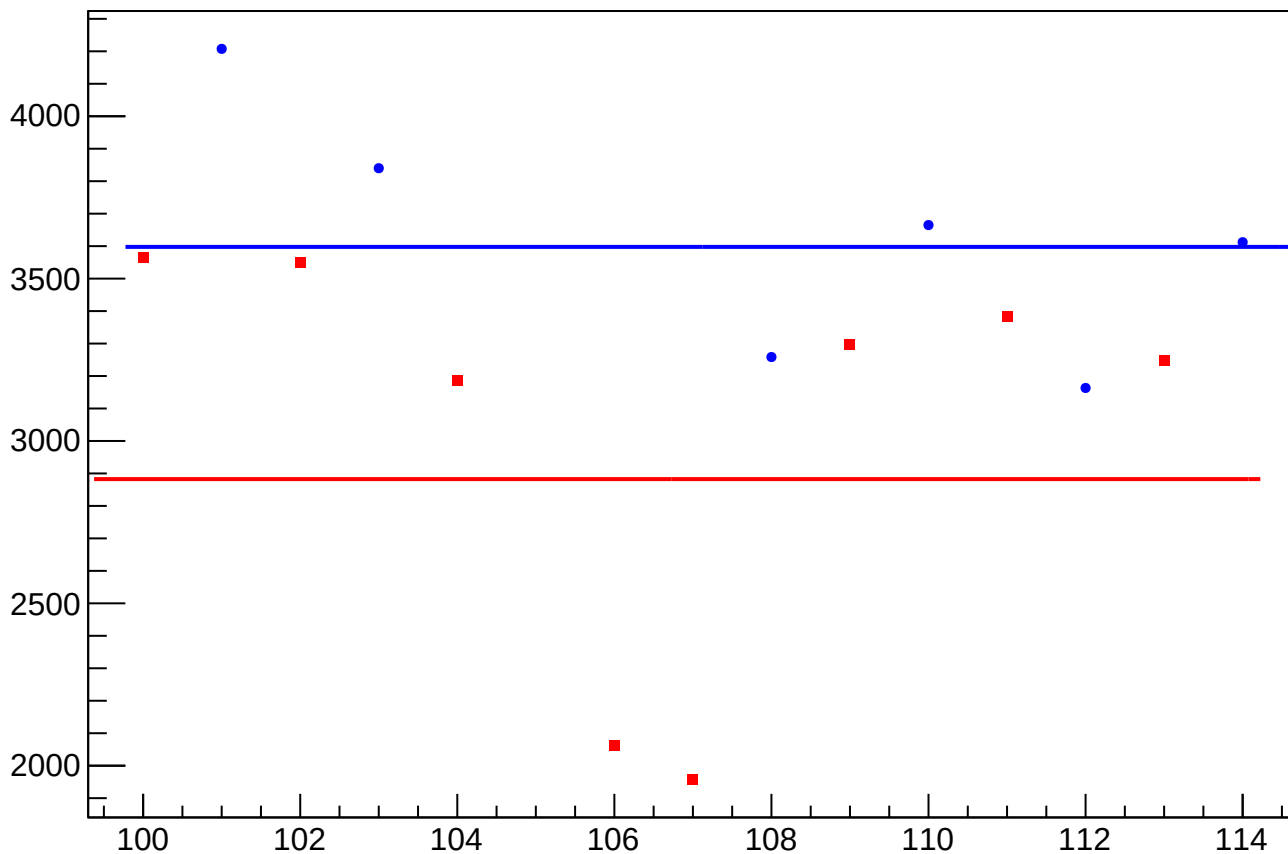
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1474.660 $\pm$ 1337.378 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 3597.705 $\pm$ 1.579 χ^2 /NDF: 59806.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2882.604 $\pm$ 1.181 χ^2 /NDF: 294878.4/7

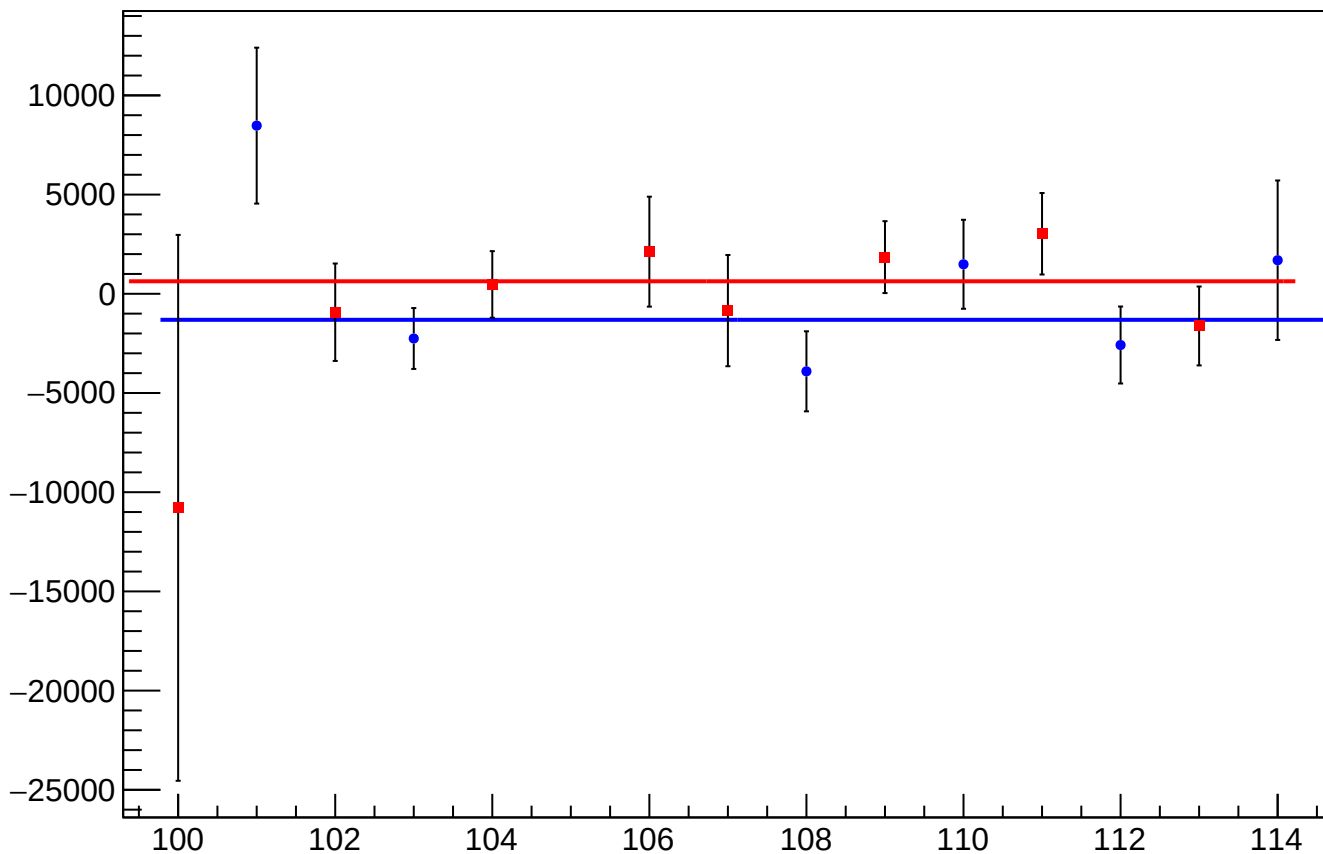
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3139.062 $\pm$ 0.946 χ^2 /NDF: 486211.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1311.104 $\pm$ 890.196 χ^2 /NDF: 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.333 $\pm$ 795.893 χ^2 /NDF: 4.8/7

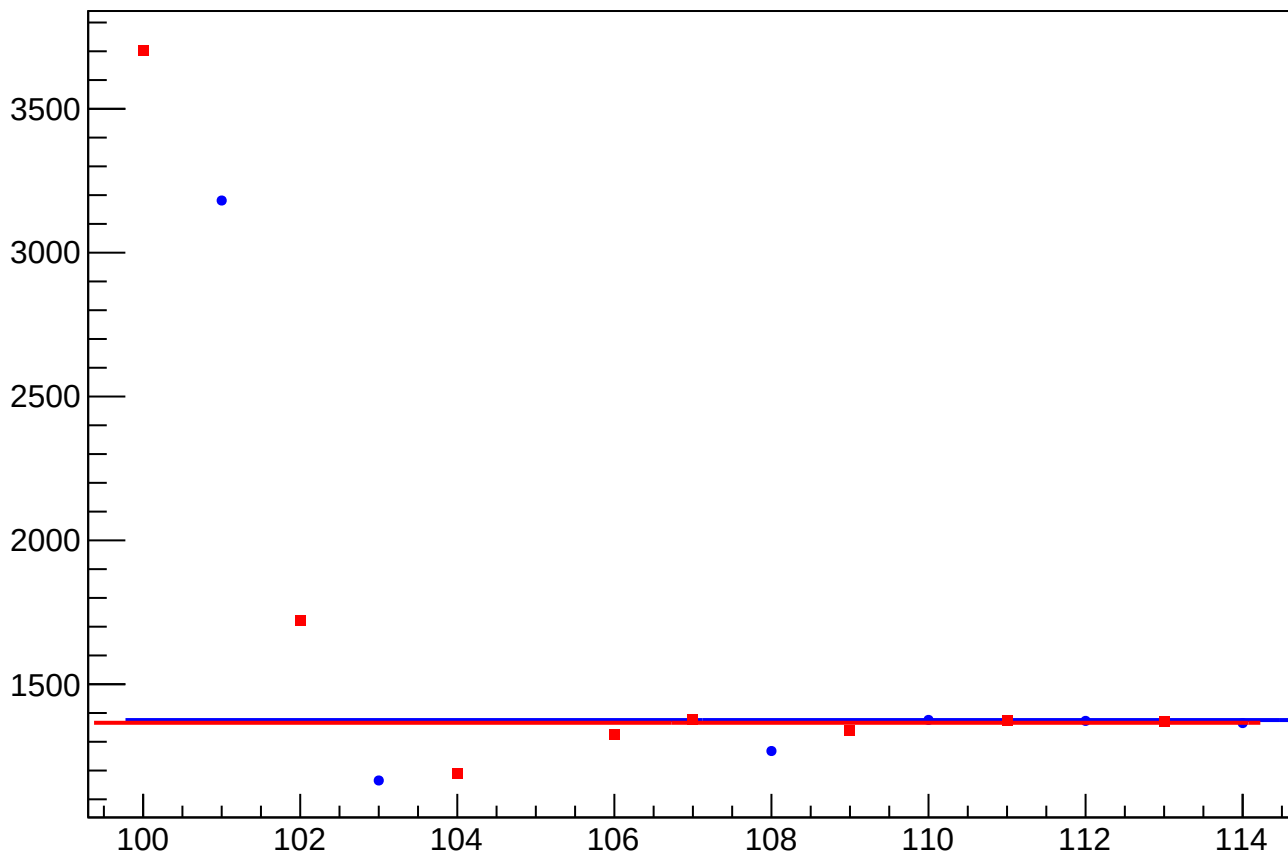
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.139 $\pm$ 593.330 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1375.457 $\pm$ 0.629 χ^2 /NDF: 465638.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1365.991 $\pm$ 0.562 χ^2 /NDF: 122488.1/7

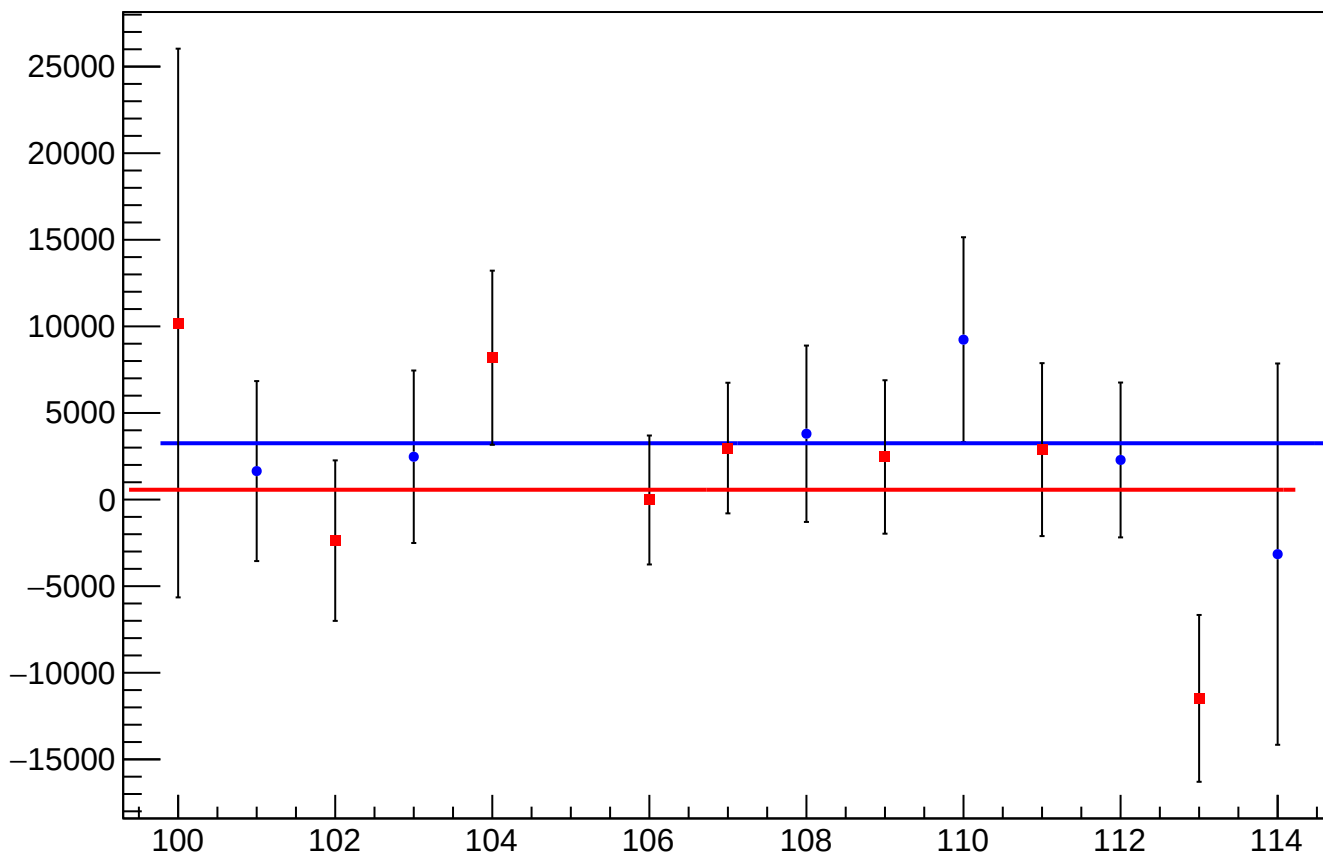
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1370.187 $\pm$ 0.419 χ^2 /NDF: 588253.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



Right In: 3252.026+/-2220.632 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.301+/-1651.209 χ^2/NDF : 10.2/7

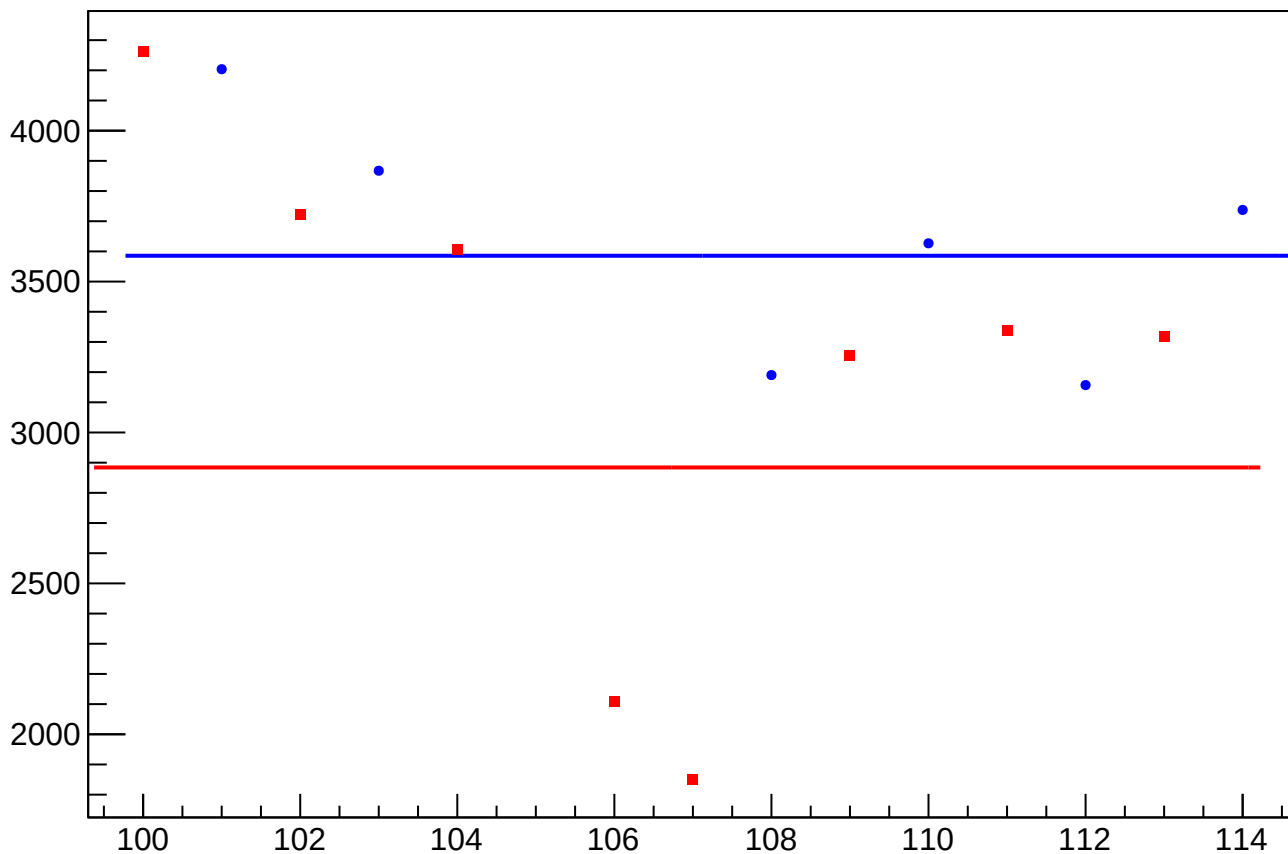
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.186+/-1325.041 χ^2/NDF : 12.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug



Right In: 3585.578 $\pm$ 1.570 χ^2 /NDF: 65617.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2884.066 $\pm$ 1.168 χ^2 /NDF: 406307.8/7

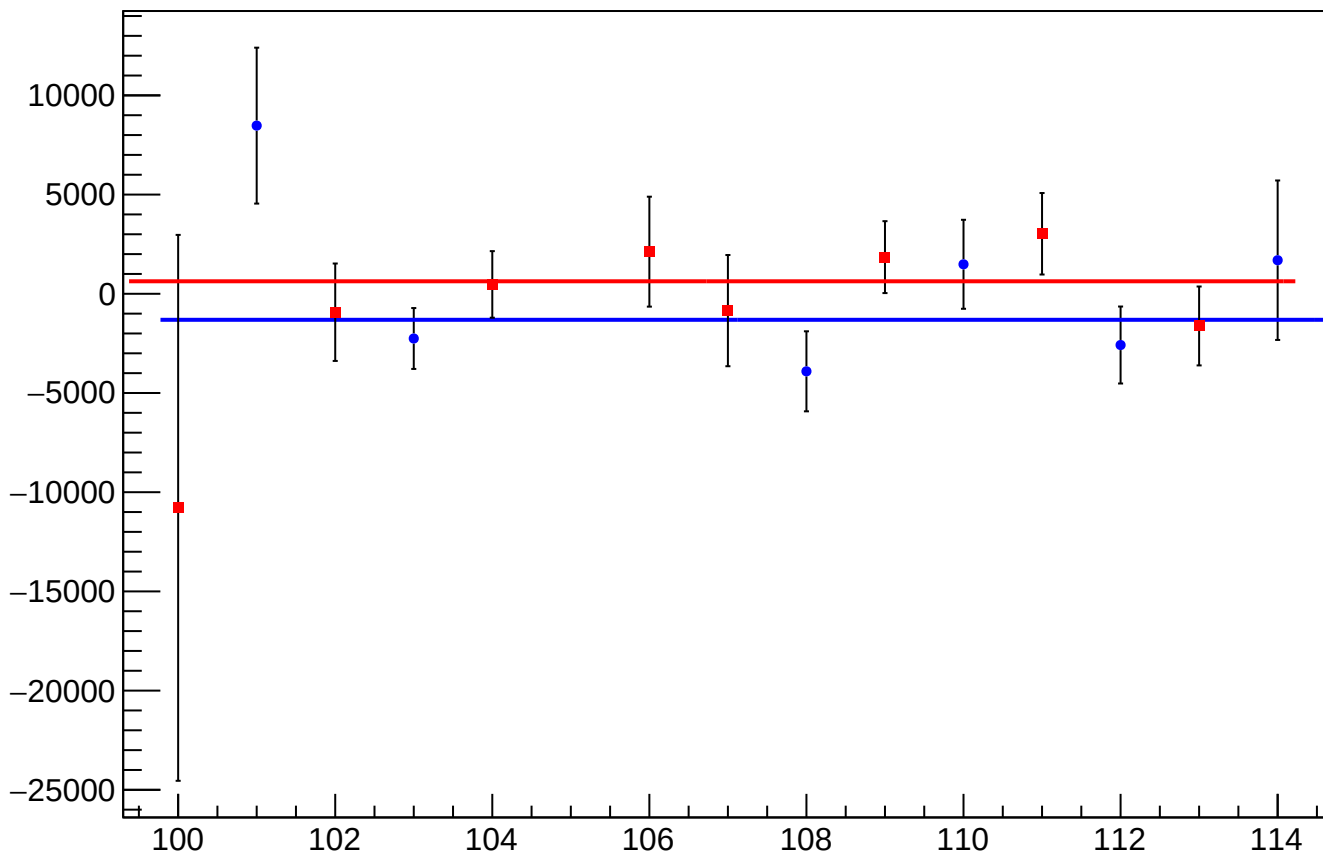
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3133.836 $\pm$ 0.937 χ^2 /NDF: 600454.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1311.111 $\pm$ 890.196 χ^2 /NDF: 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.343 $\pm$ 795.893 χ^2 /NDF: 4.8/7

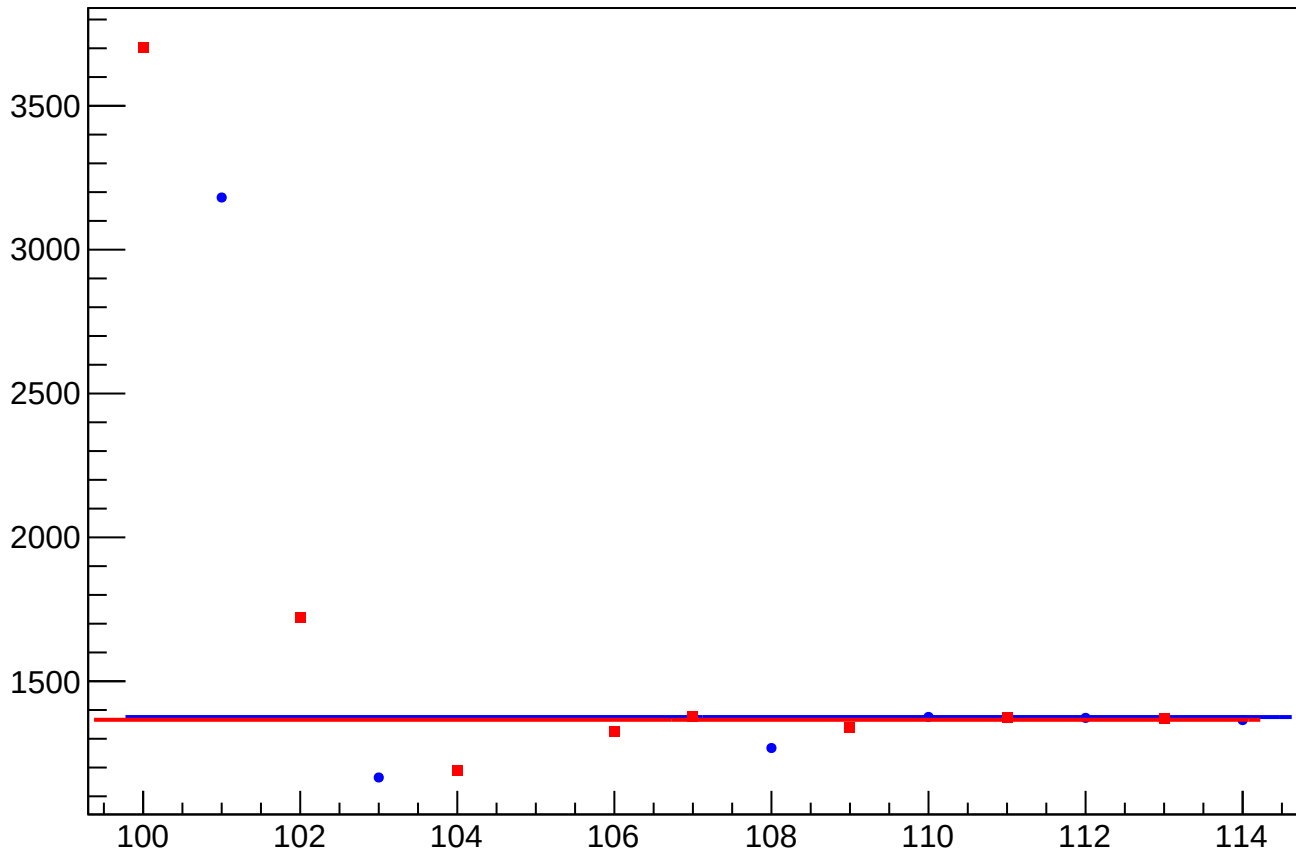
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.136 $\pm$ 593.330 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1375.457 $\pm$ 0.629 χ^2 /NDF: 465639.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1365.991 $\pm$ 0.562 χ^2 /NDF: 122488.1/7

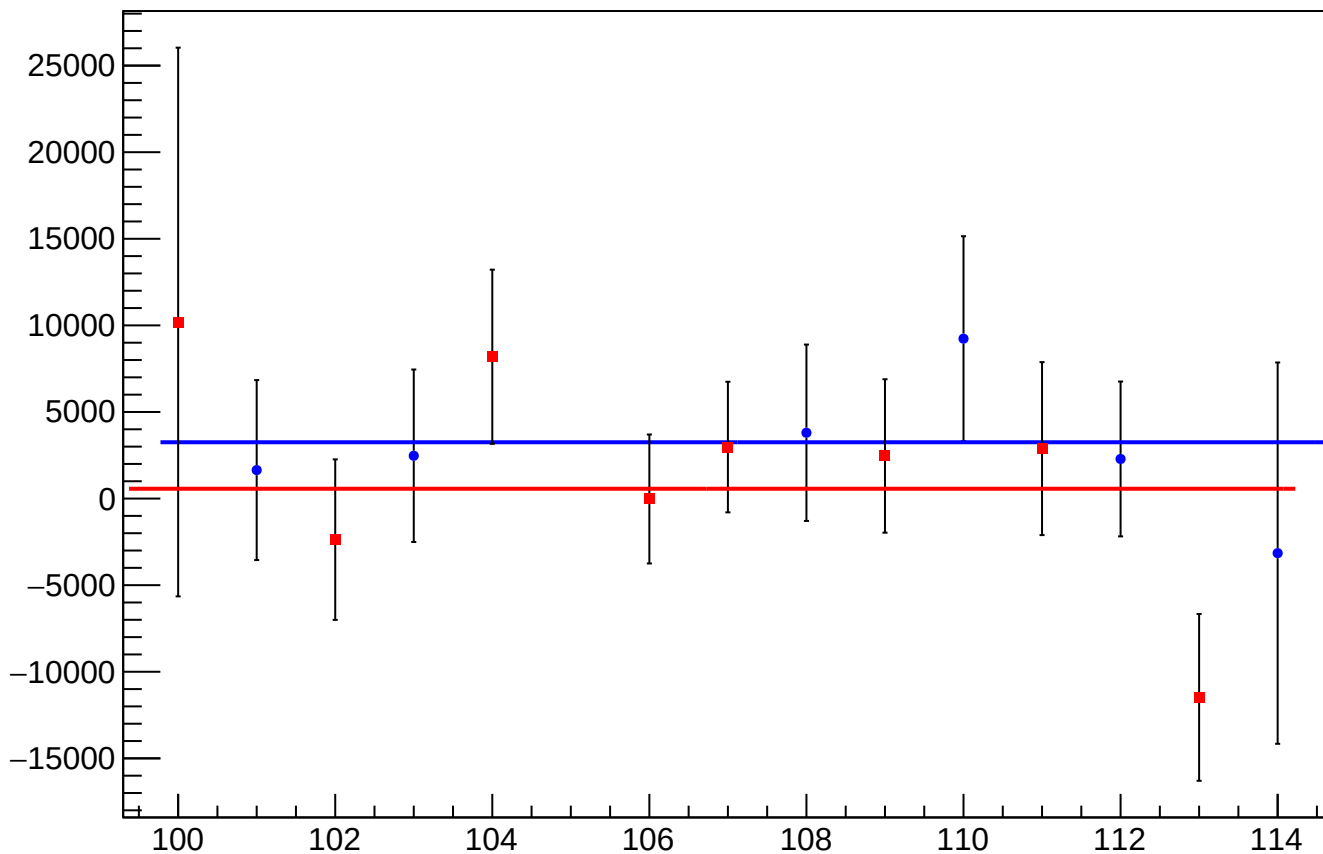
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1370.187 $\pm$ 0.419 χ^2 /NDF: 588253.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 3252.024+/-2220.628 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.306+/-1651.206 χ^2/NDF : 10.2/7

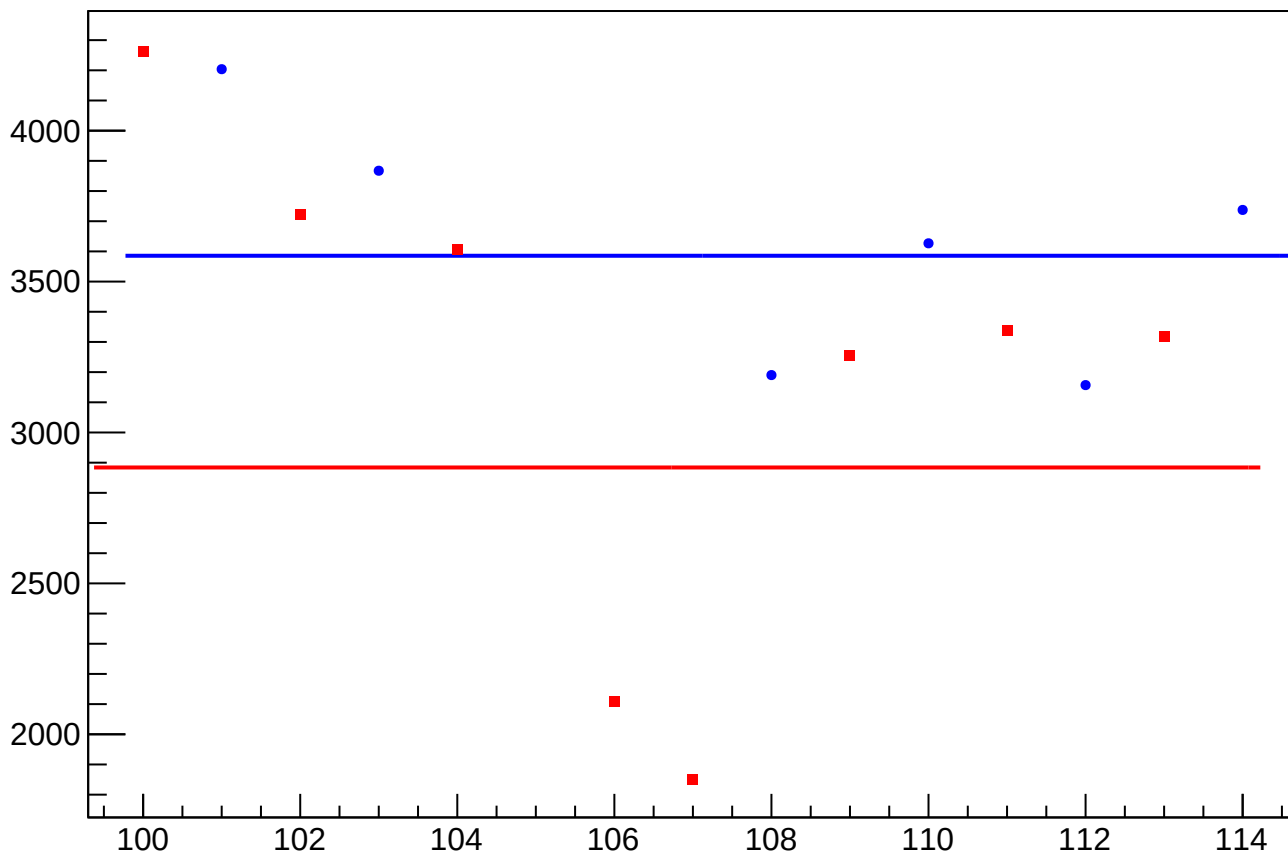
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.188+/-1325.039 χ^2/NDF : 12.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 3585.572 $\pm$ 1.570 χ^2 /NDF: 65618.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2884.060 $\pm$ 1.168 χ^2 /NDF: 406310.4/7

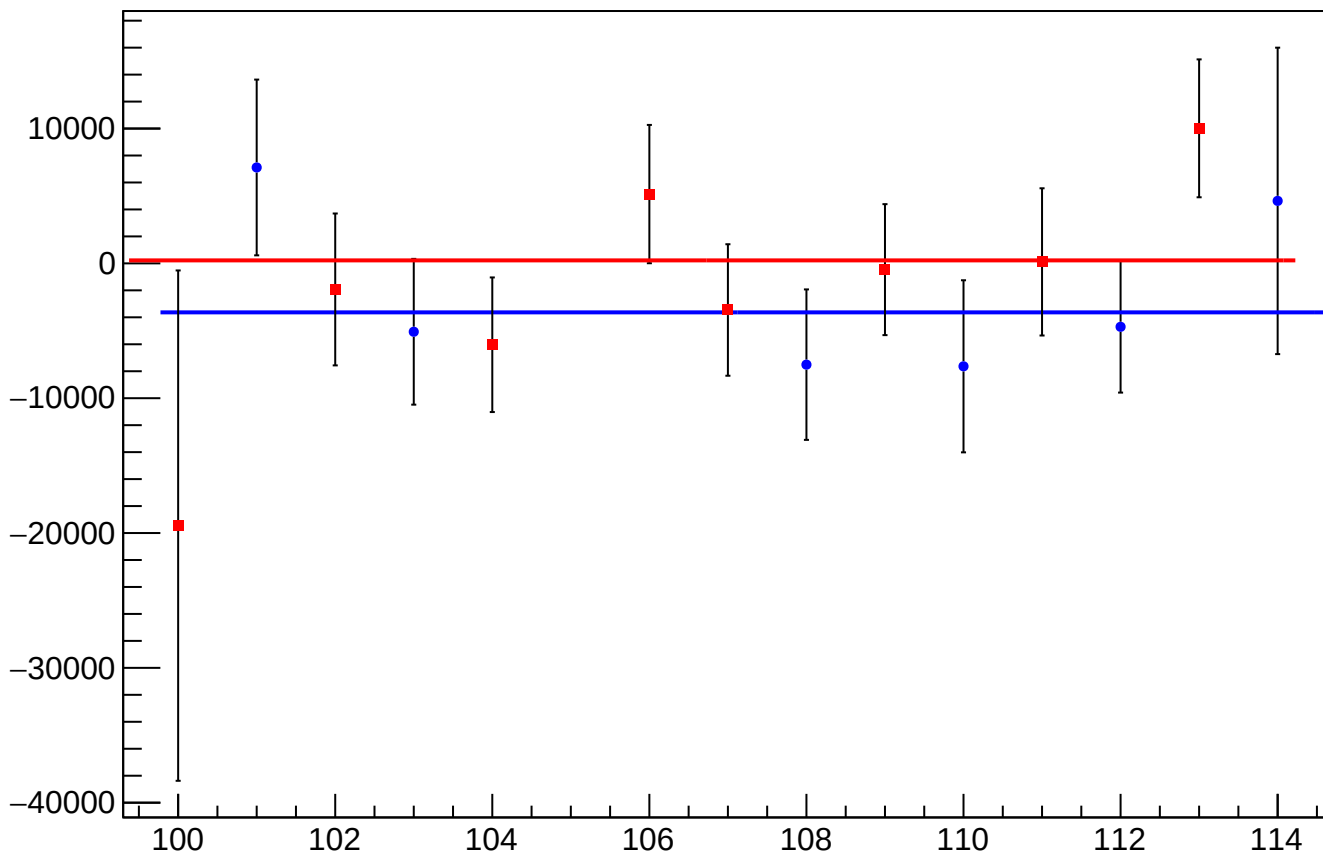
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3133.831 $\pm$ 0.937 χ^2 /NDF: 600458.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -3633.662±/2467.984 χ^2 /NDF: 4.2/5

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 221.731±/1929.250 χ^2 /NDF: 8.0/7

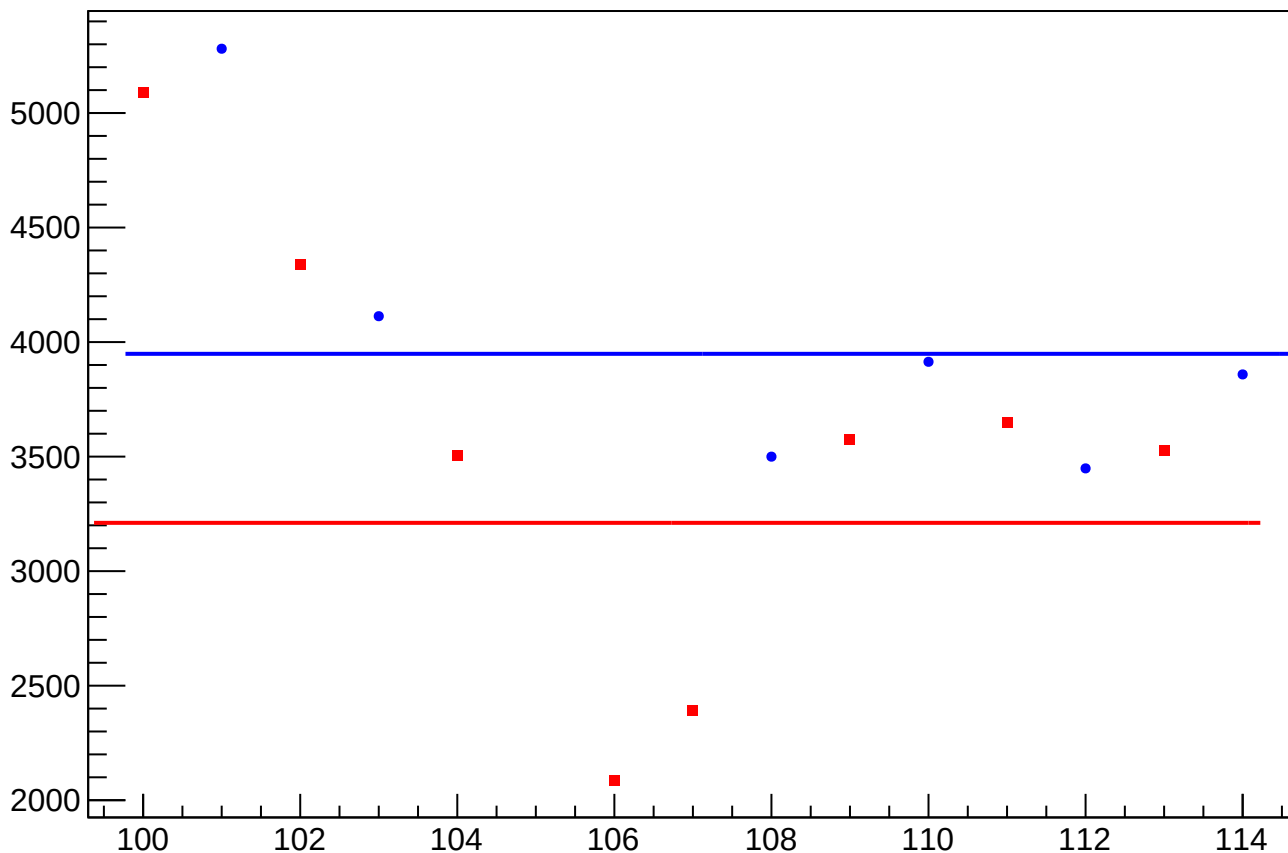
Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/0.000 χ^2 /NDF: 0.0/0

All: -1240.601±/1519.956 χ^2 /NDF: 13.7/13

- sign 0.000±/0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 3948.725+/-1.745 χ^2/NDF : 119507.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3210.851+/-1.326 χ^2/NDF : 329634.4/7

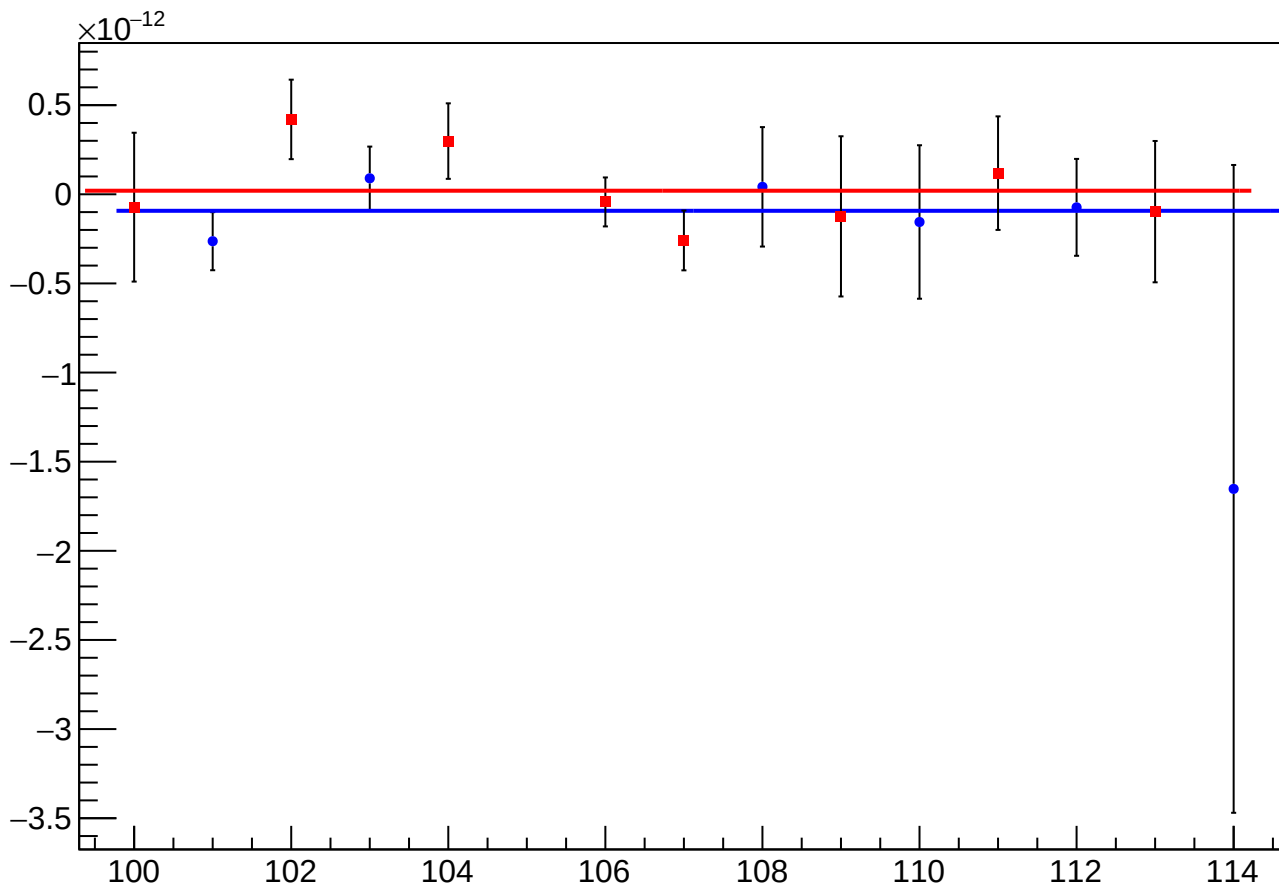
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/7

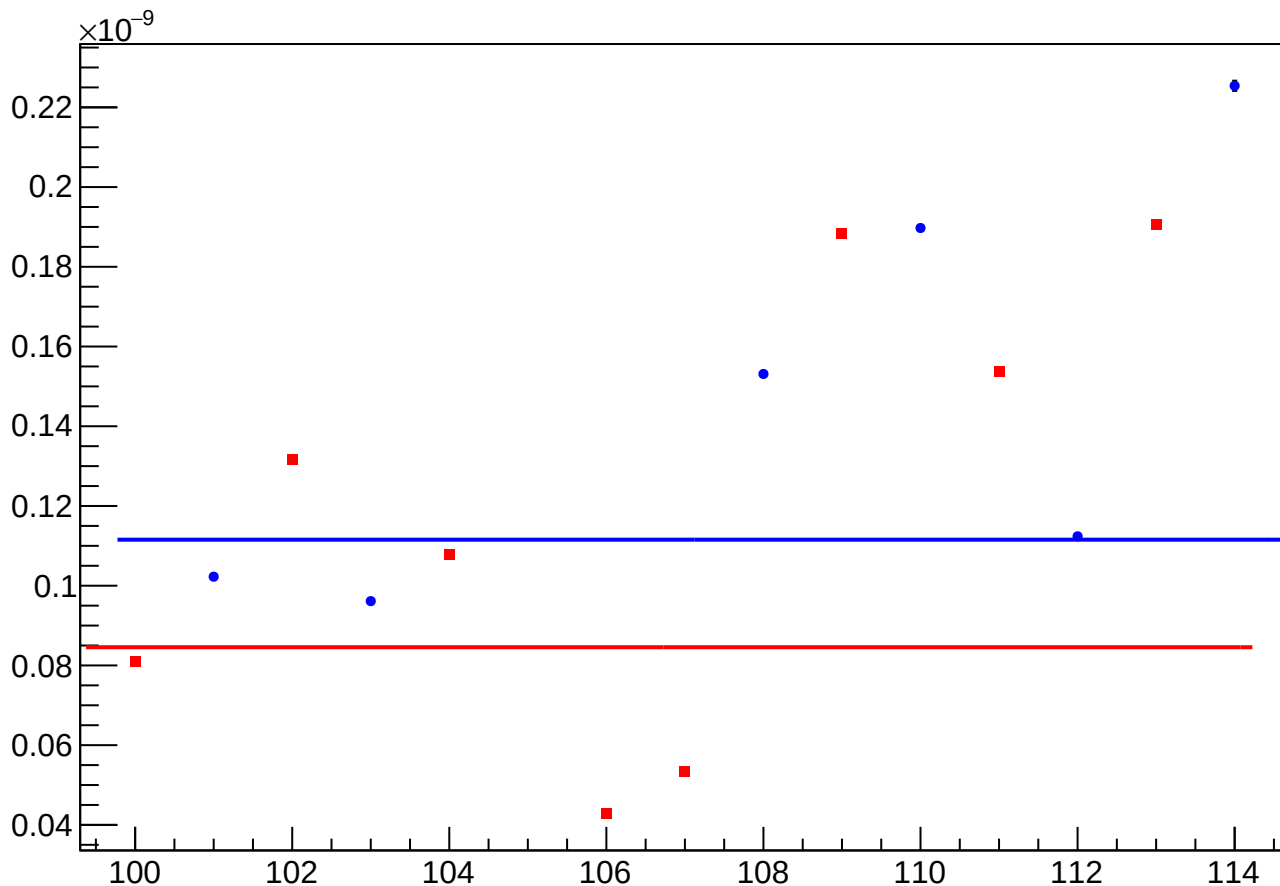
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 126180.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 710553.9/7

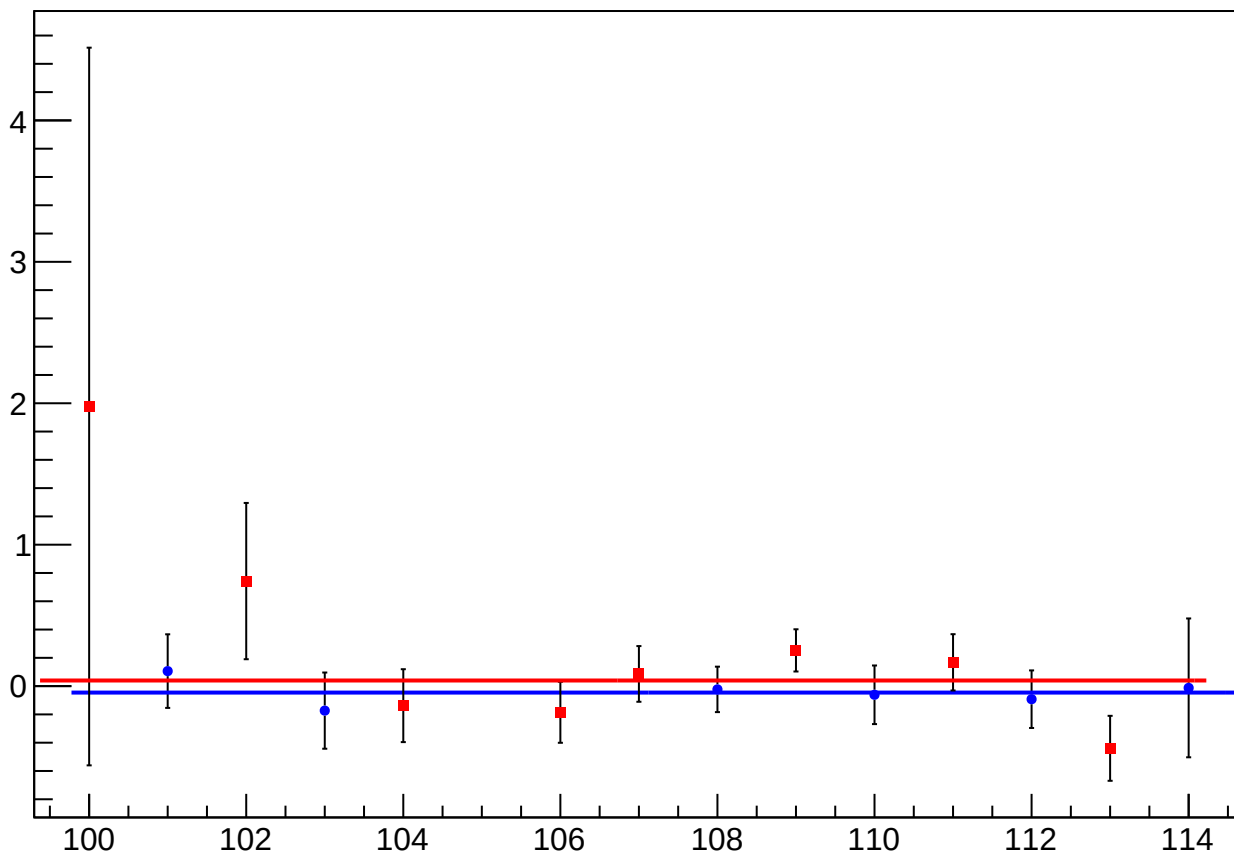
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 924478.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 $\chi^2/\text{NDF}: 0.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.040 ± 0.080 $\chi^2/\text{NDF}: 10.6/7$

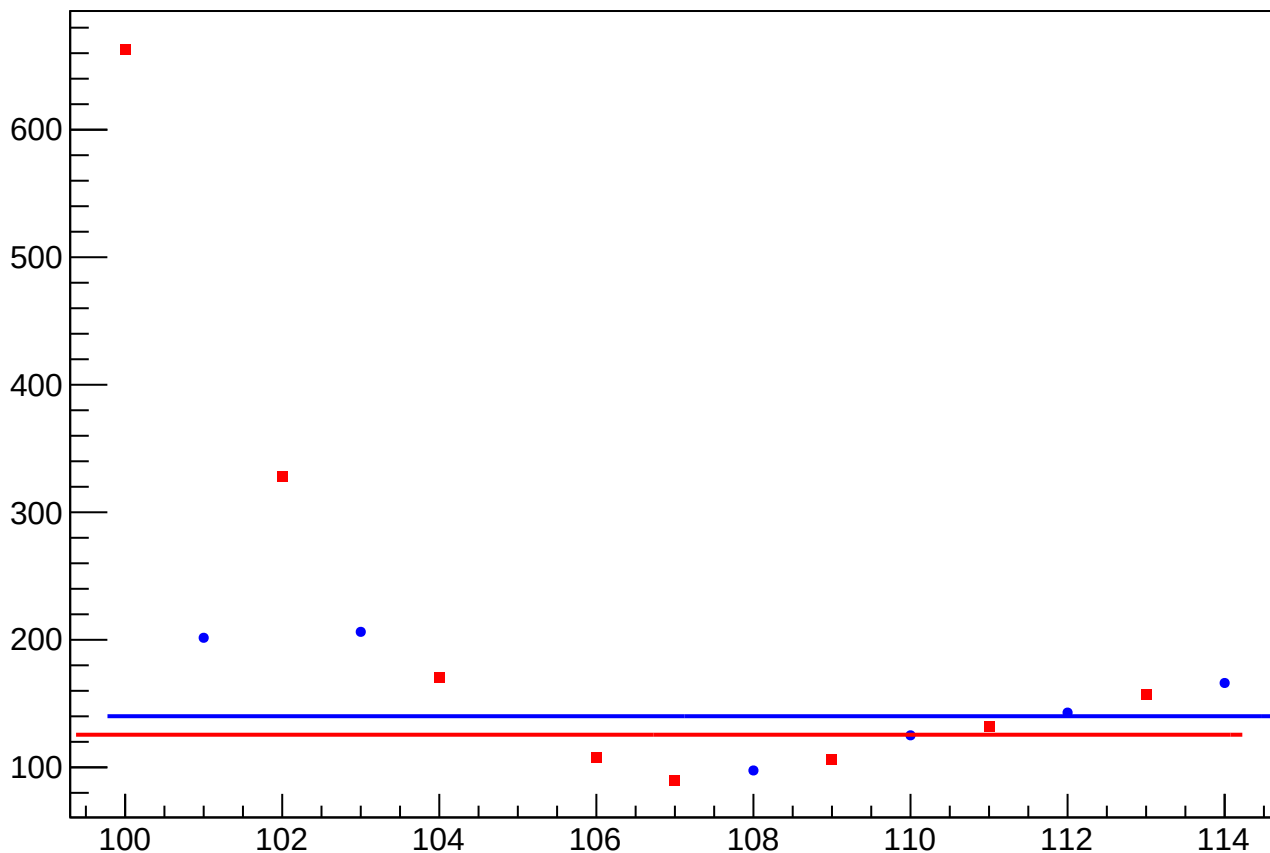
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.003 ± 0.060 $\chi^2/\text{NDF}: 11.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 140.090 $\pm$ 0.065 χ^2 /NDF: 389015.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.574 $\pm$ 0.057 χ^2 /NDF: 572839.9/7

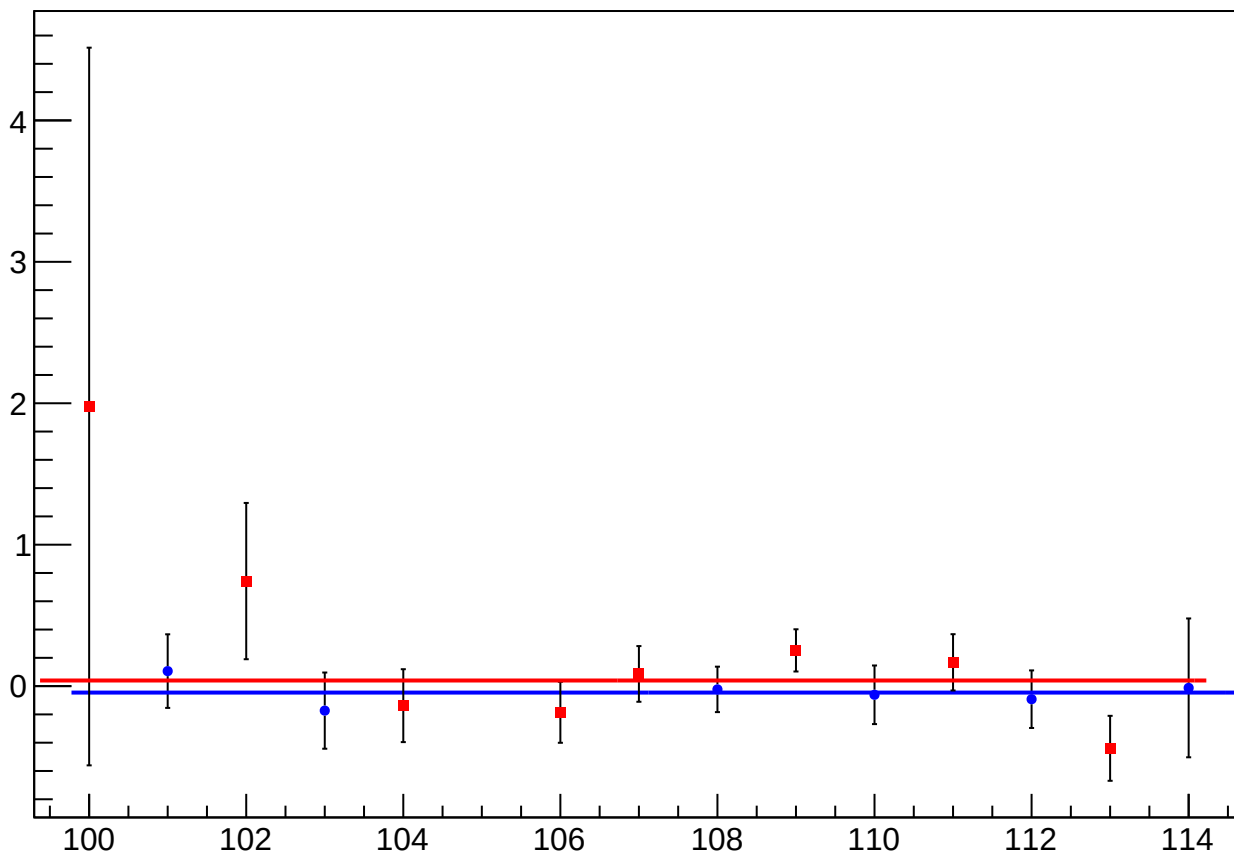
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.877 $\pm$ 0.043 χ^2 /NDF: 990196.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 $\chi^2/\text{NDF}: 0.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.040 ± 0.080 $\chi^2/\text{NDF}: 10.6/7$

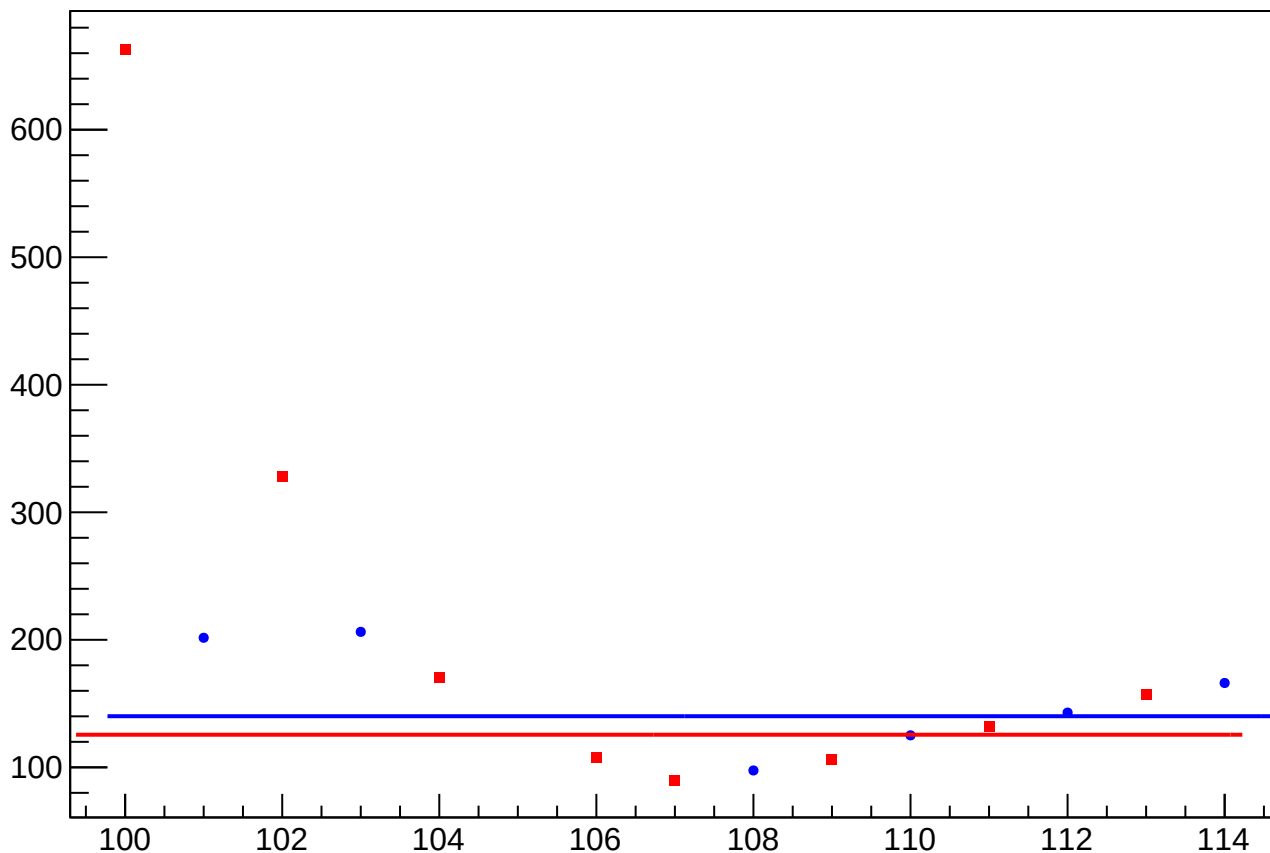
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.003 ± 0.060 $\chi^2/\text{NDF}: 11.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.574+/-0.057 χ^2/NDF : 572839.9/7

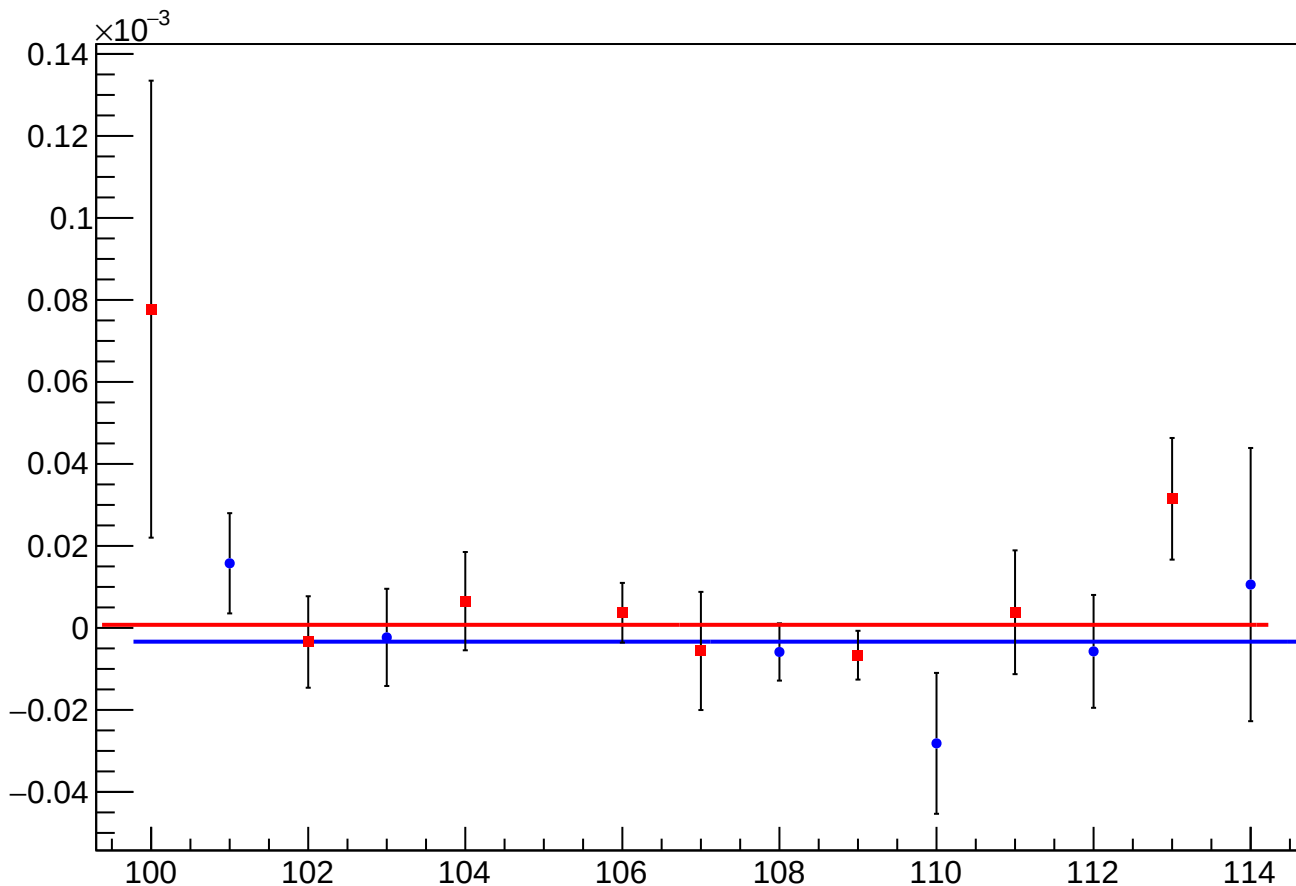
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

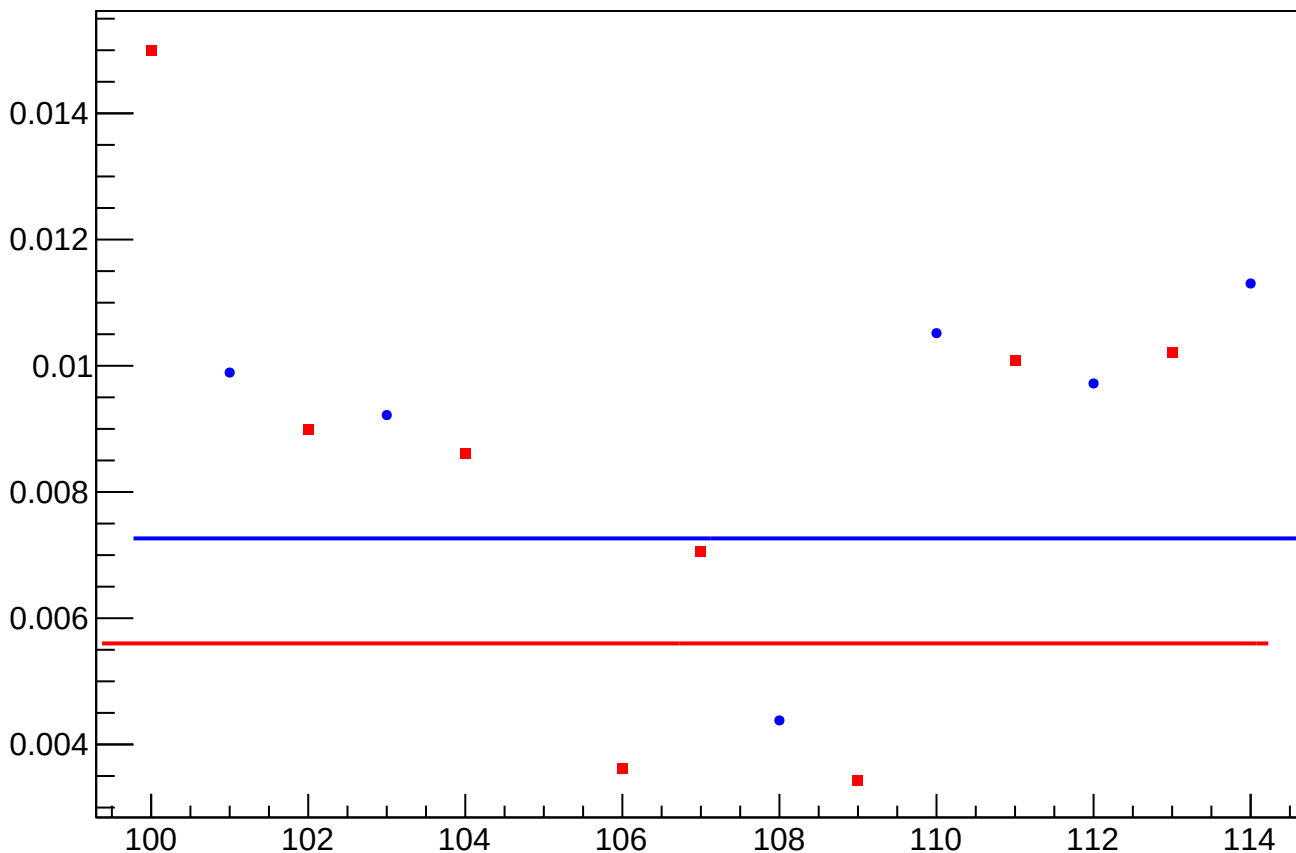
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 652407.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1173624.1/7

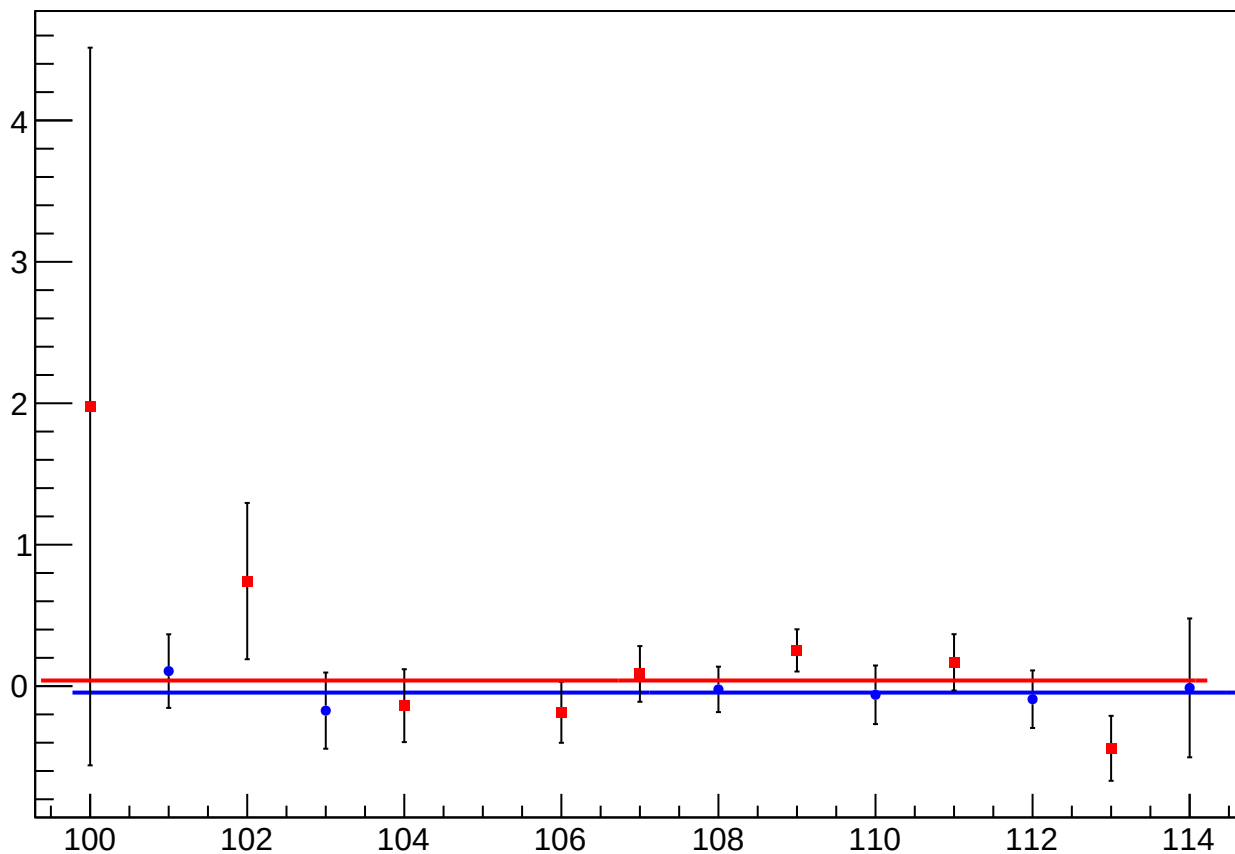
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.046 $\pm$ 0.092 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

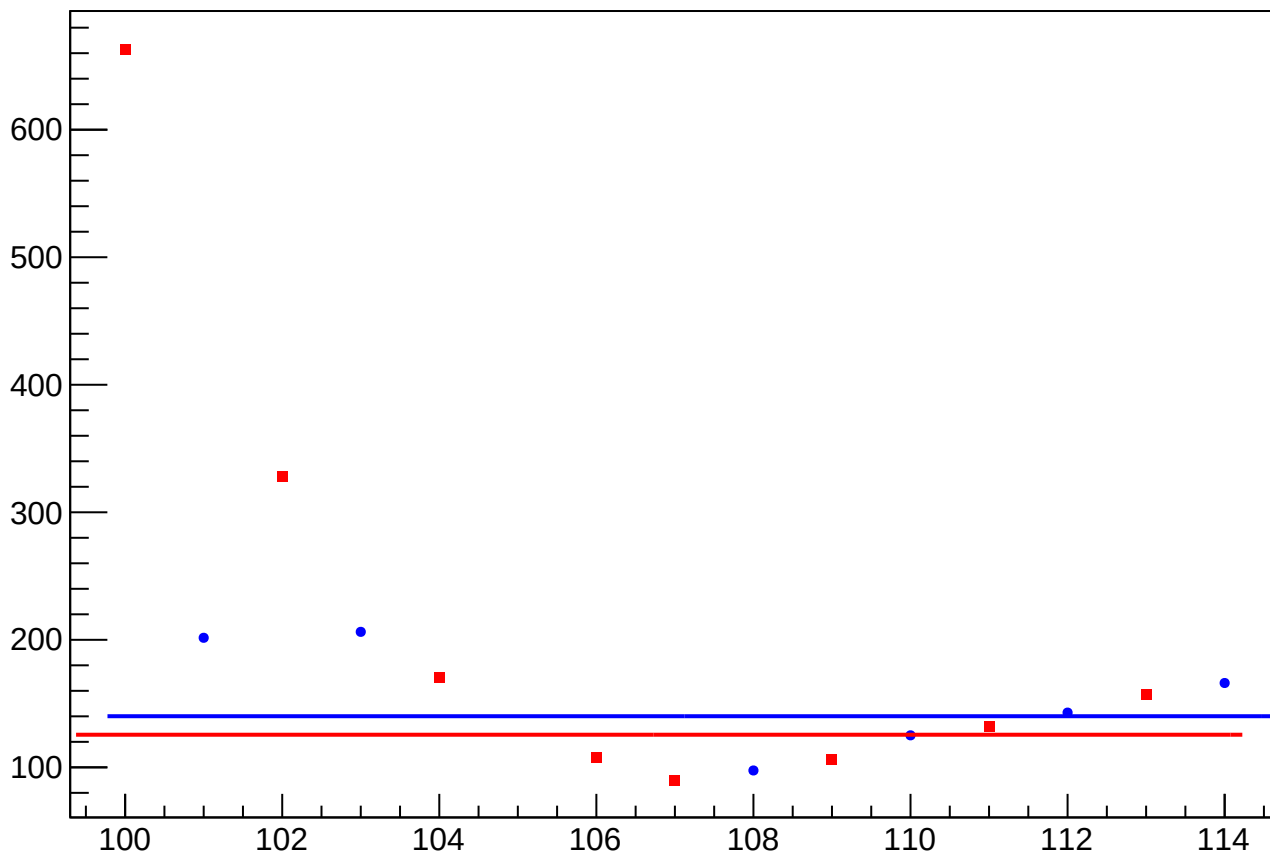
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.060 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.576+/-0.057 χ^2/NDF : 572795.4/7

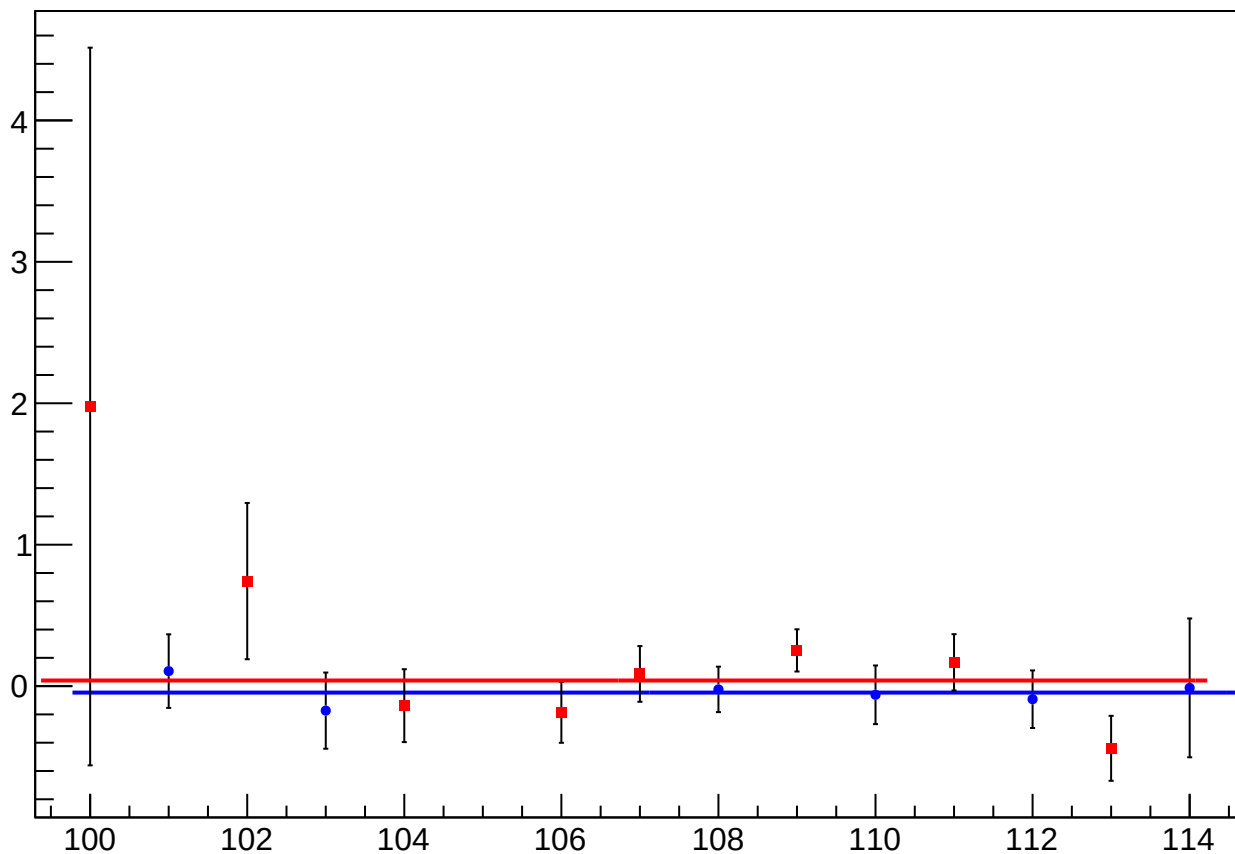
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 $\chi^2/\text{NDF}: 0.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.040 ± 0.080 $\chi^2/\text{NDF}: 10.6/7$

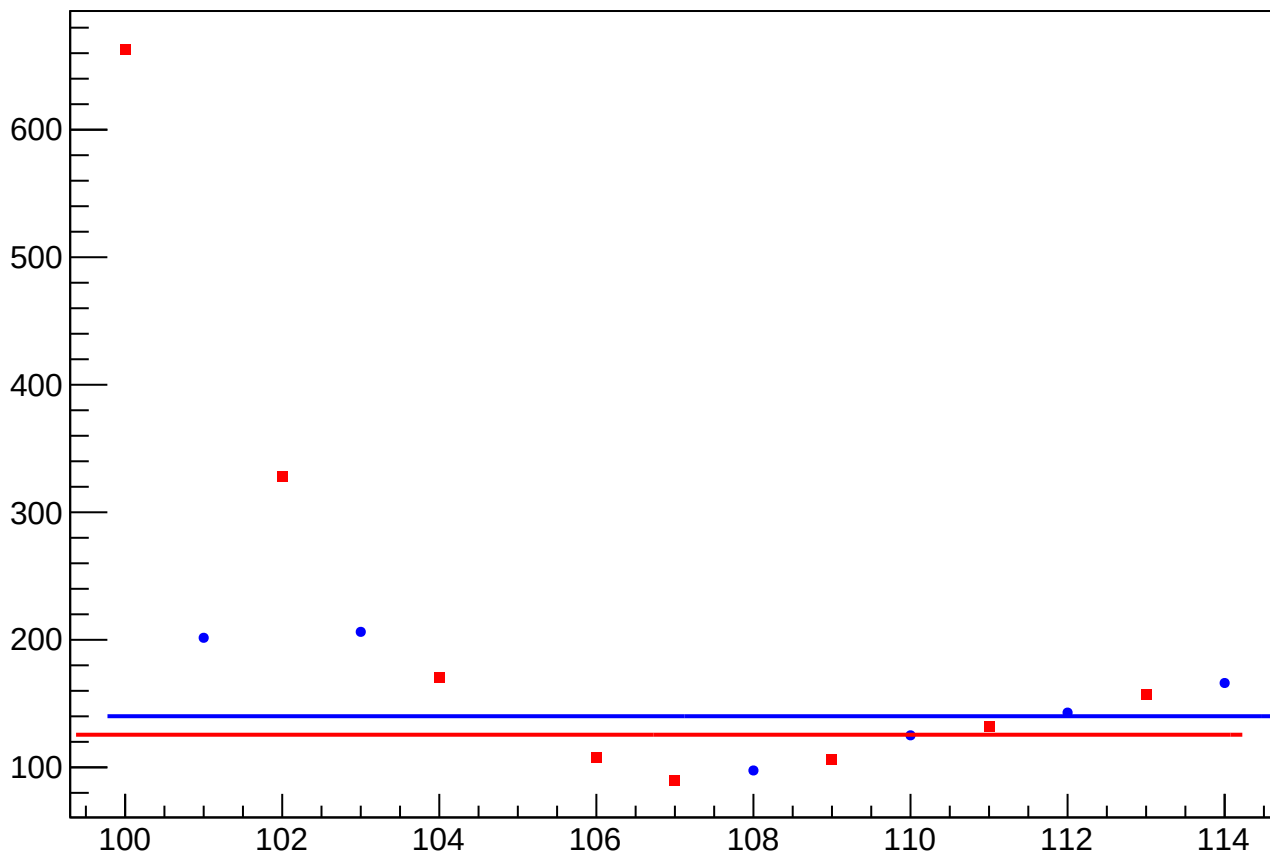
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.003 ± 0.060 $\chi^2/\text{NDF}: 11.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.576+/-0.057 χ^2/NDF : 572795.4/7

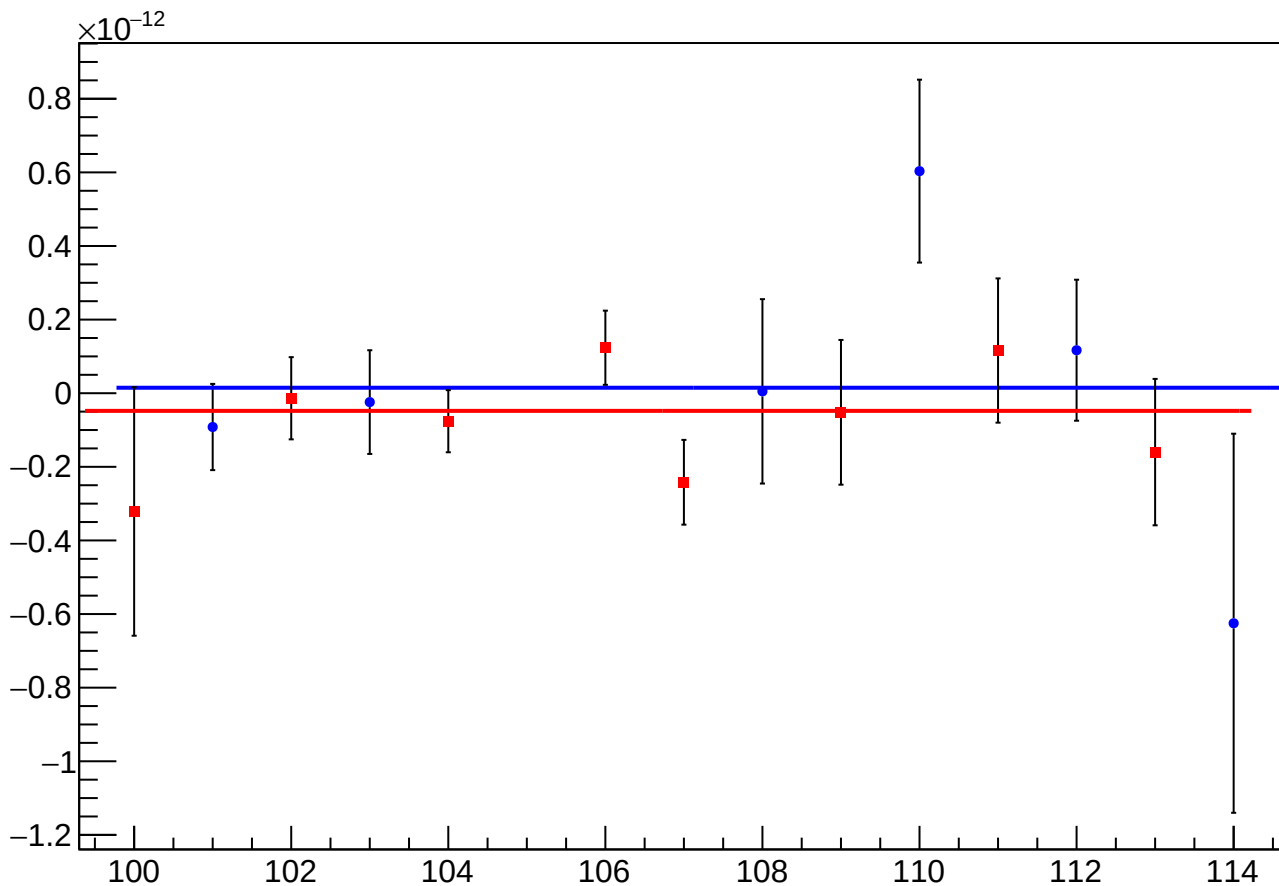
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 8.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.6/7

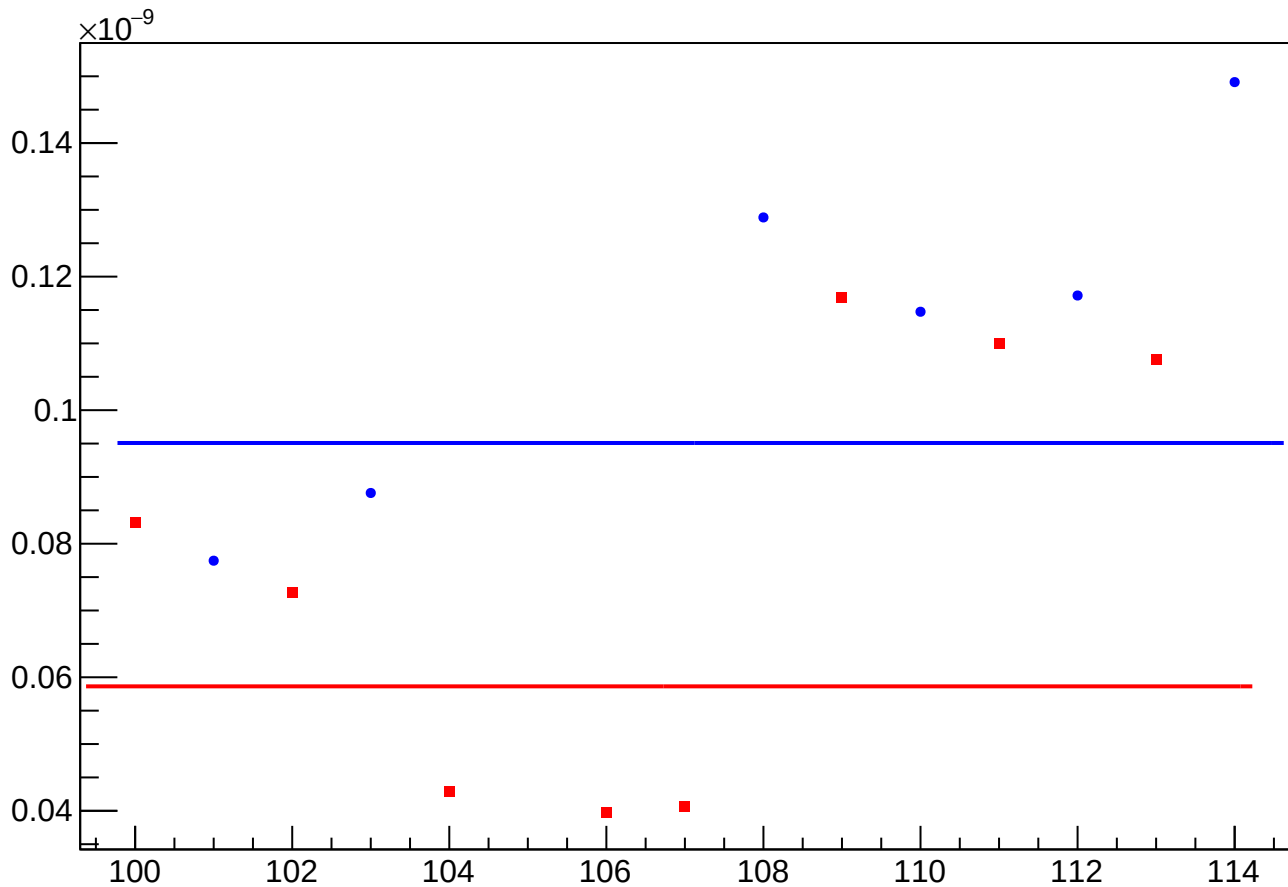
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 16.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 148447.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 665210.1/7

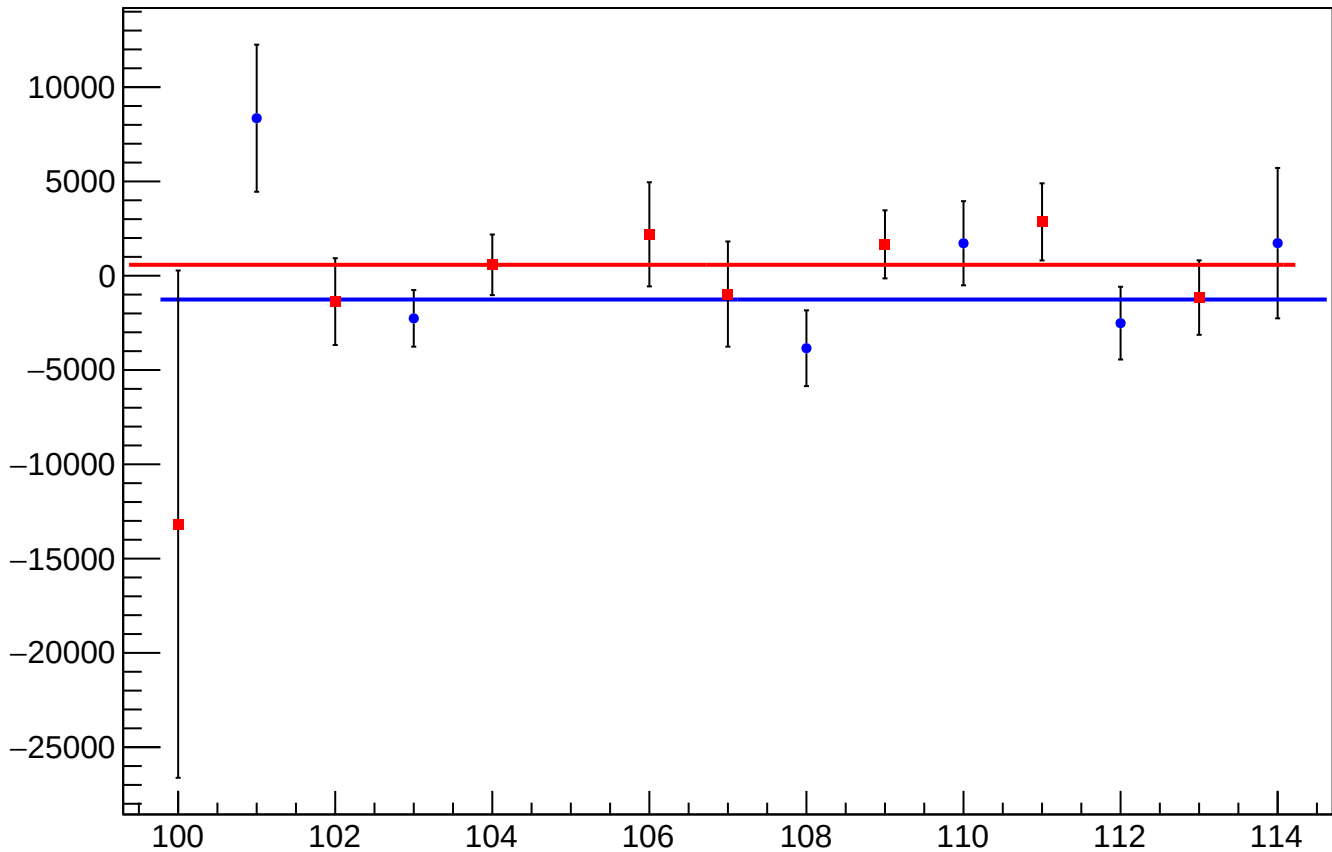
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1261.965+/-880.623 χ^2/NDF : 10.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.285+/-779.701 χ^2/NDF : 4.8/7

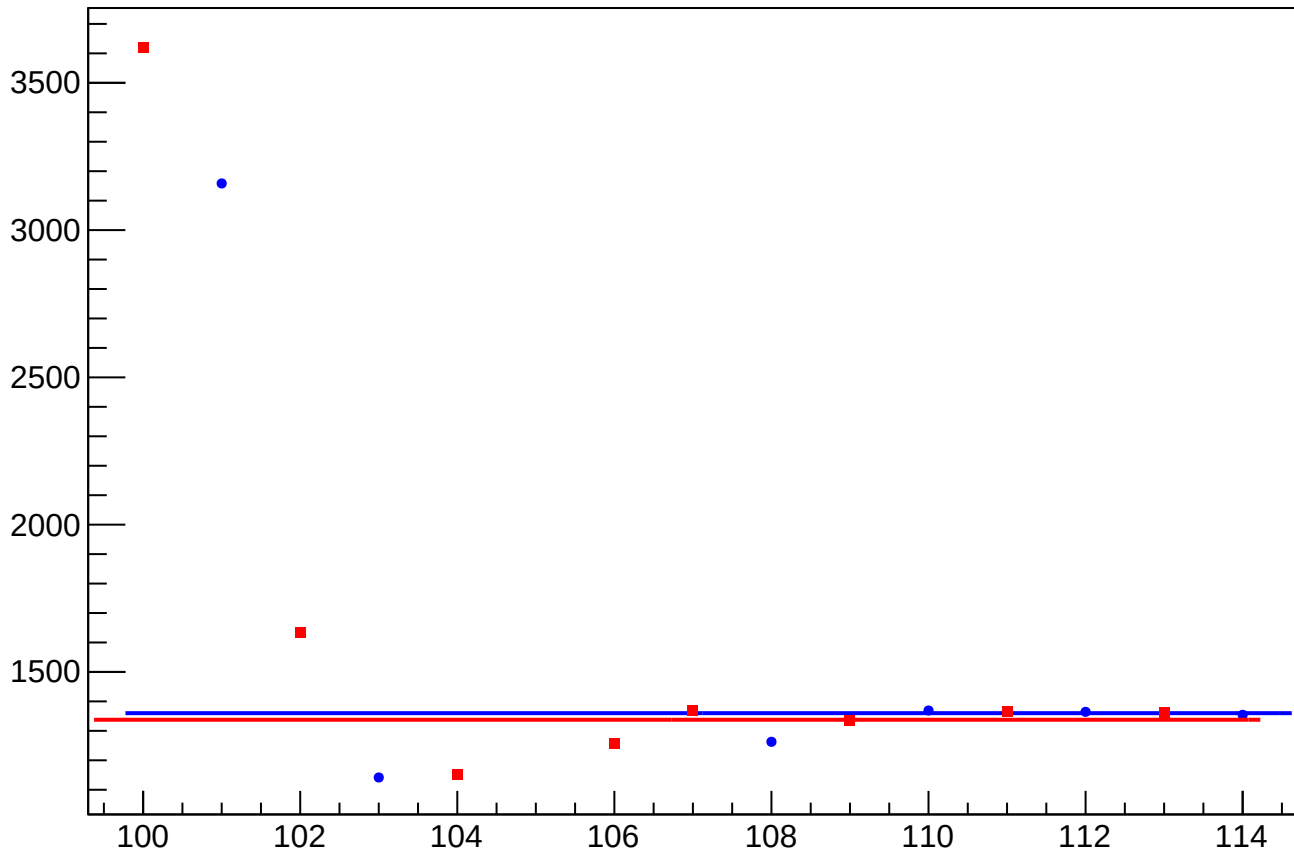
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.393+/-583.767 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472257.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

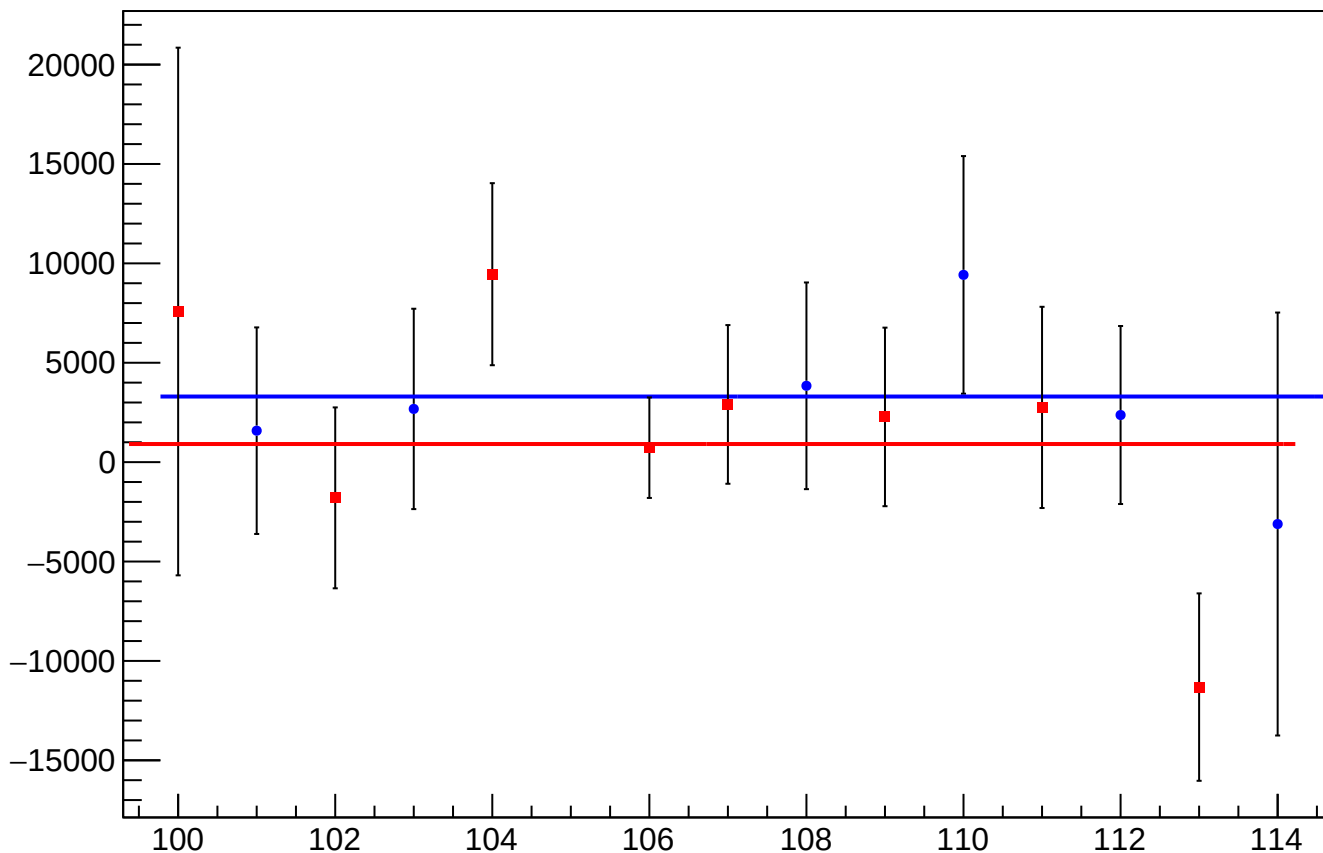
Right Out: 1337.665+/-0.548 χ^2/NDF : 120806.1/7

All: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug



Right In: 3300.817 $\pm$ 2235.388 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 911.596 $\pm$ 1483.479 χ^2 /NDF: 11.3/7

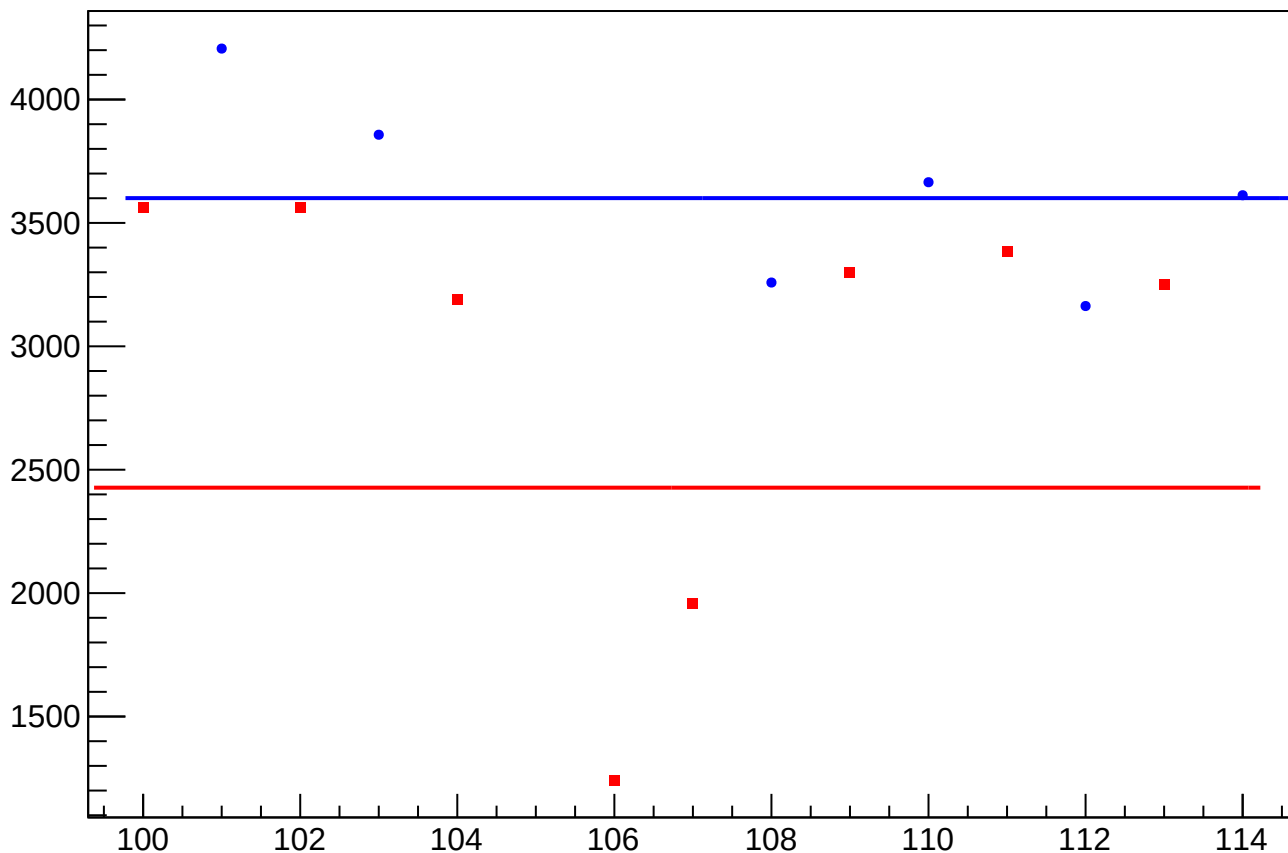
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1642.107 $\pm$ 1236.057 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug



Right In: 3600.475+/-1.581 χ^2 /NDF: 60353.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2427.268+/-1.049 χ^2 /NDF: 869254.5/7

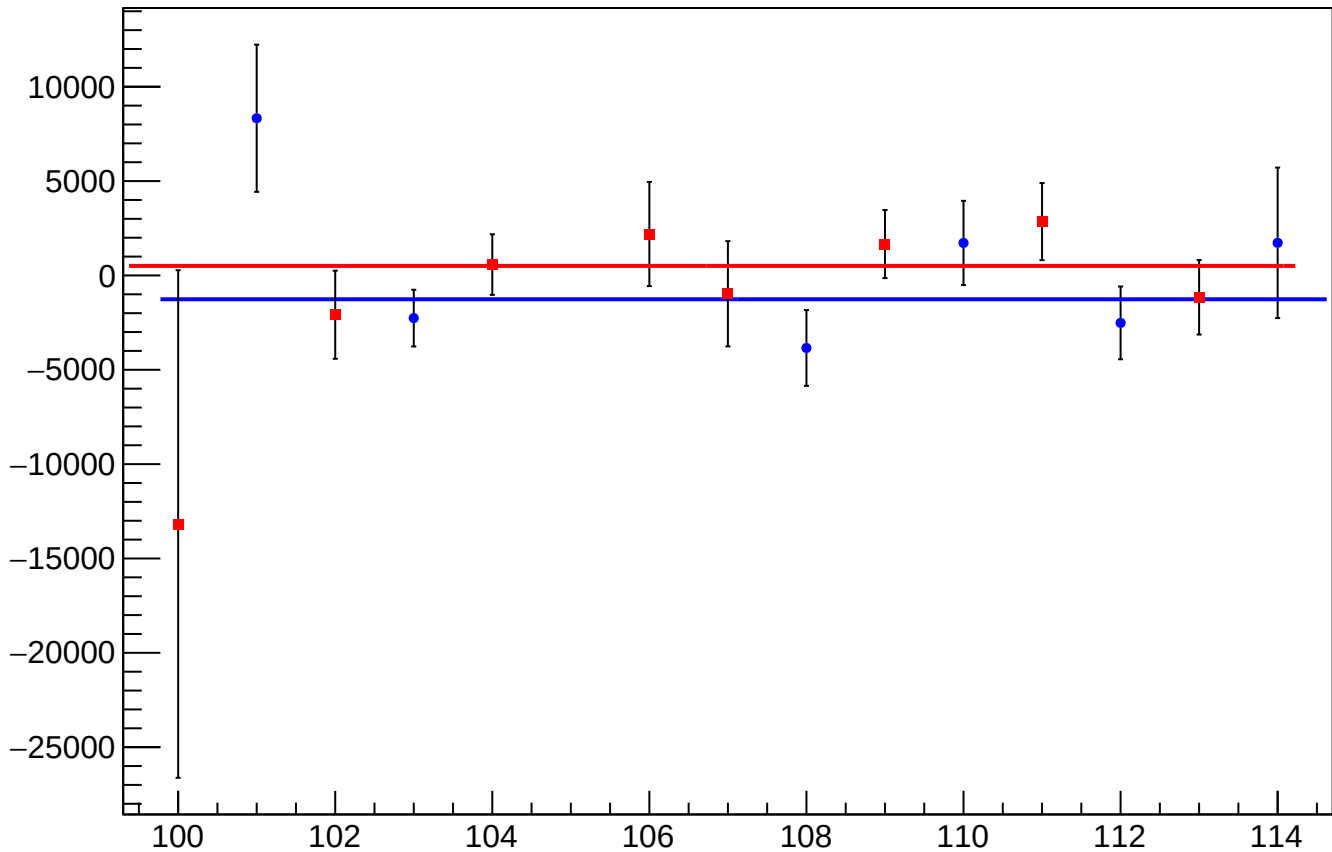
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2785.980+/-0.874 χ^2 /NDF: 1312069.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1262.977 $\pm$ 880.624 χ^2 /NDF: 10.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.605 $\pm$ 781.025 χ^2 /NDF: 5.4/7

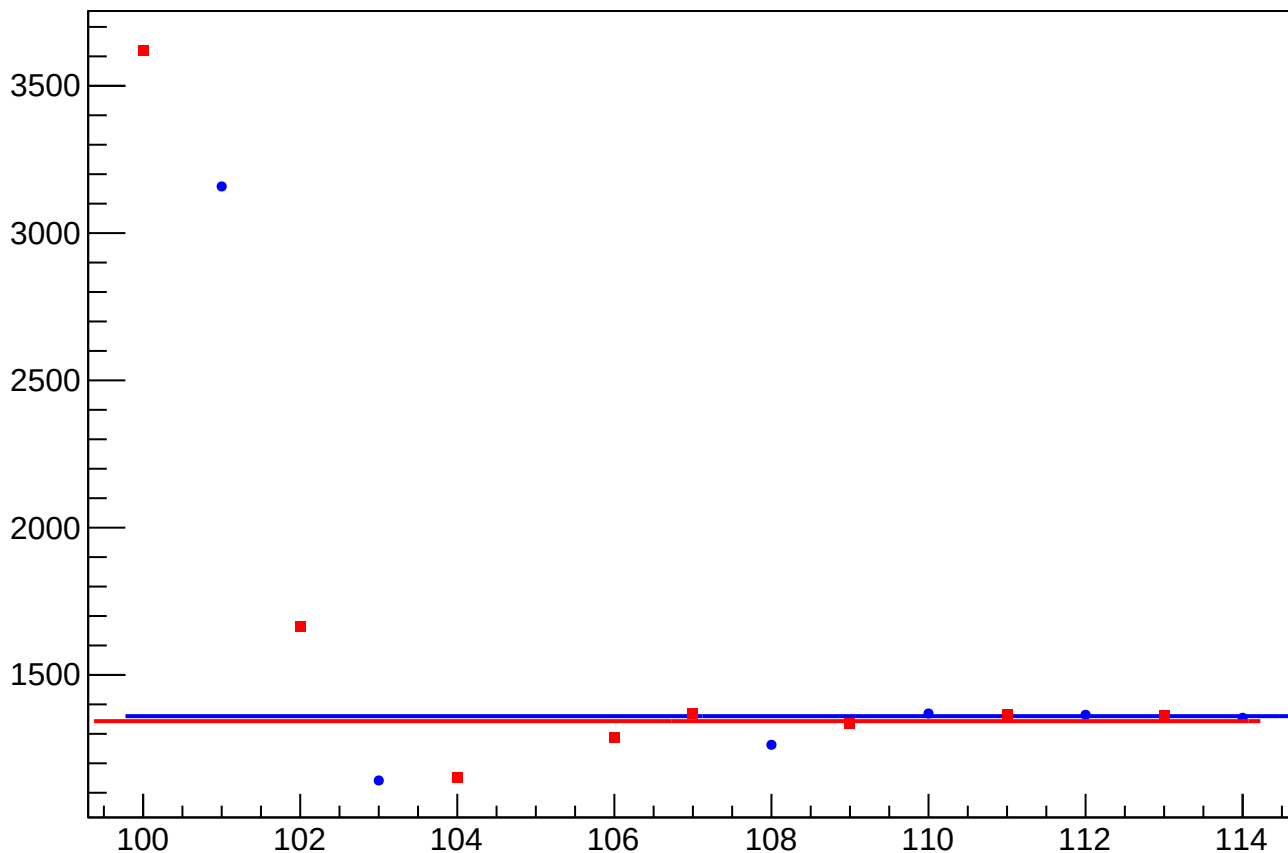
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -273.058 $\pm$ 584.322 χ^2 /NDF: 18.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

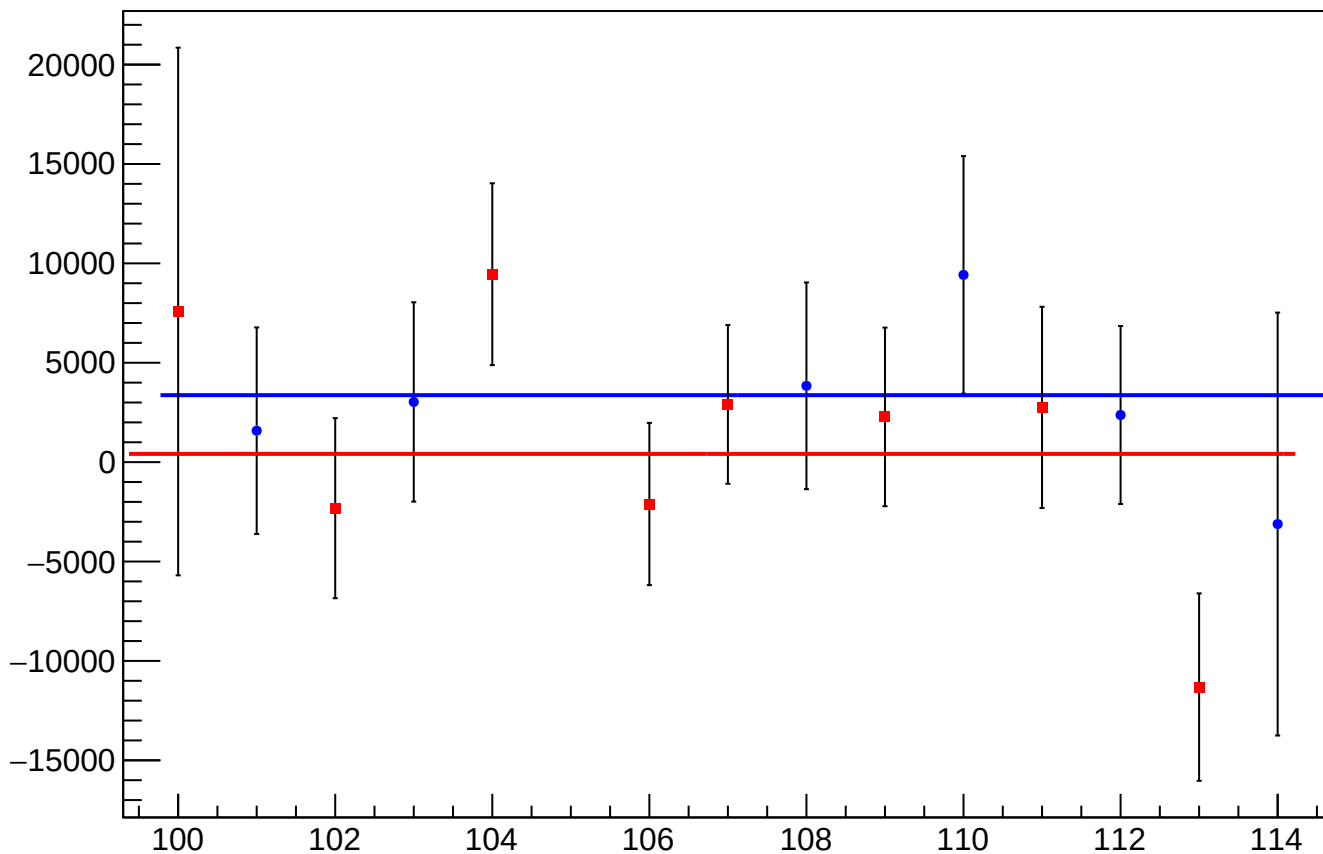
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug



Right In: 3369.206 $\pm$ 2233.210 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 415.290 $\pm$ 1669.939 χ^2 /NDF: 11.9/7

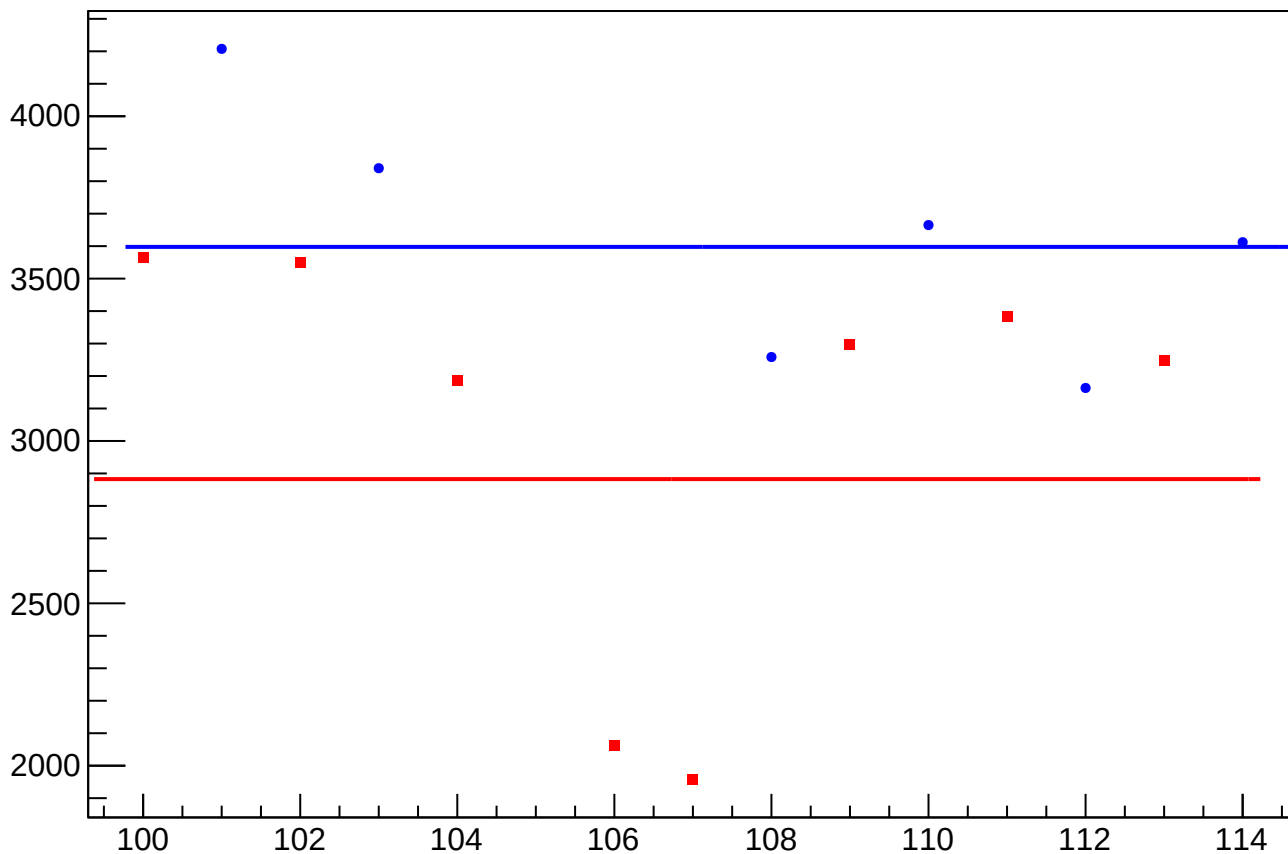
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1474.660 $\pm$ 1337.378 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug



Right In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

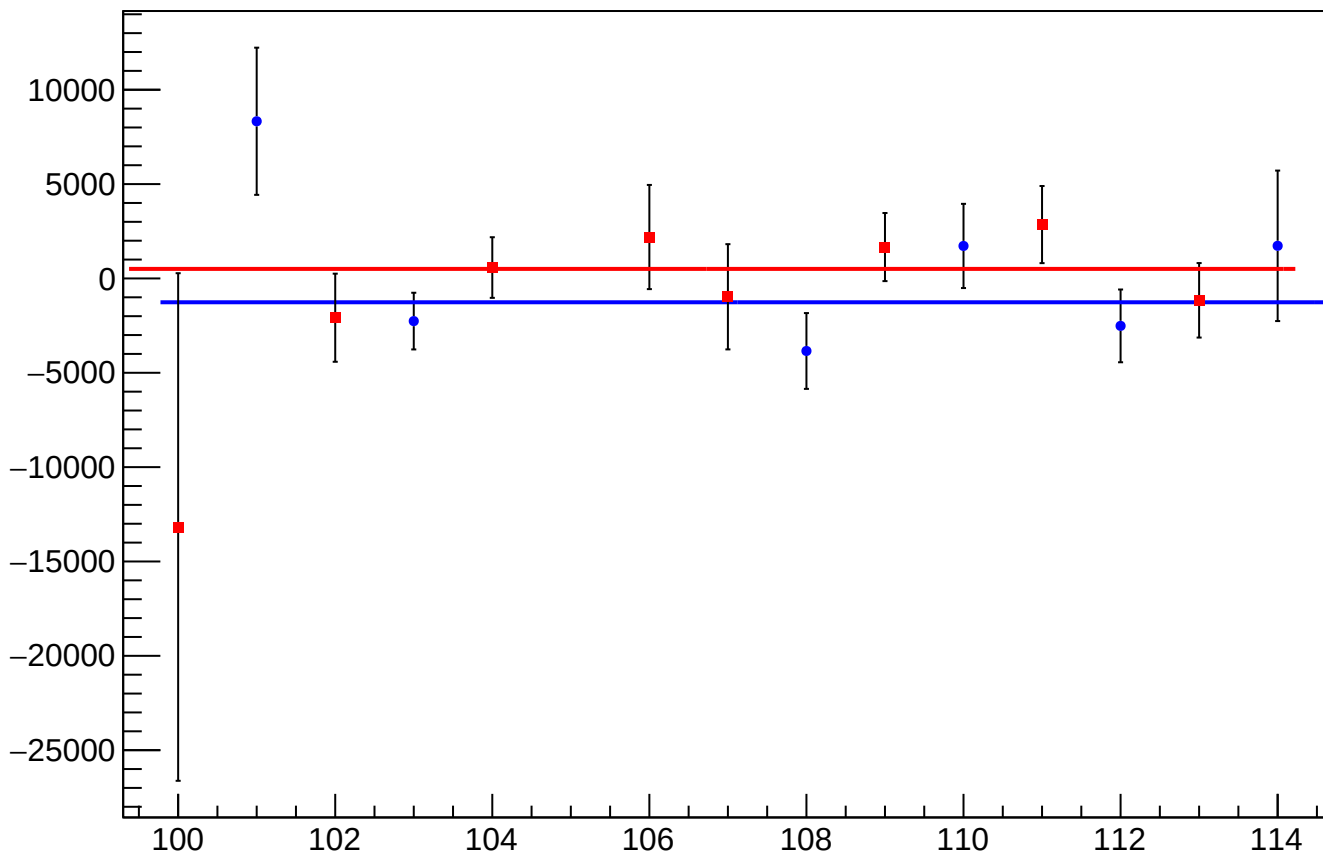
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1262.977 $\pm$ 880.624 χ^2 /NDF: 10.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.605 $\pm$ 781.025 χ^2 /NDF: 5.4/7

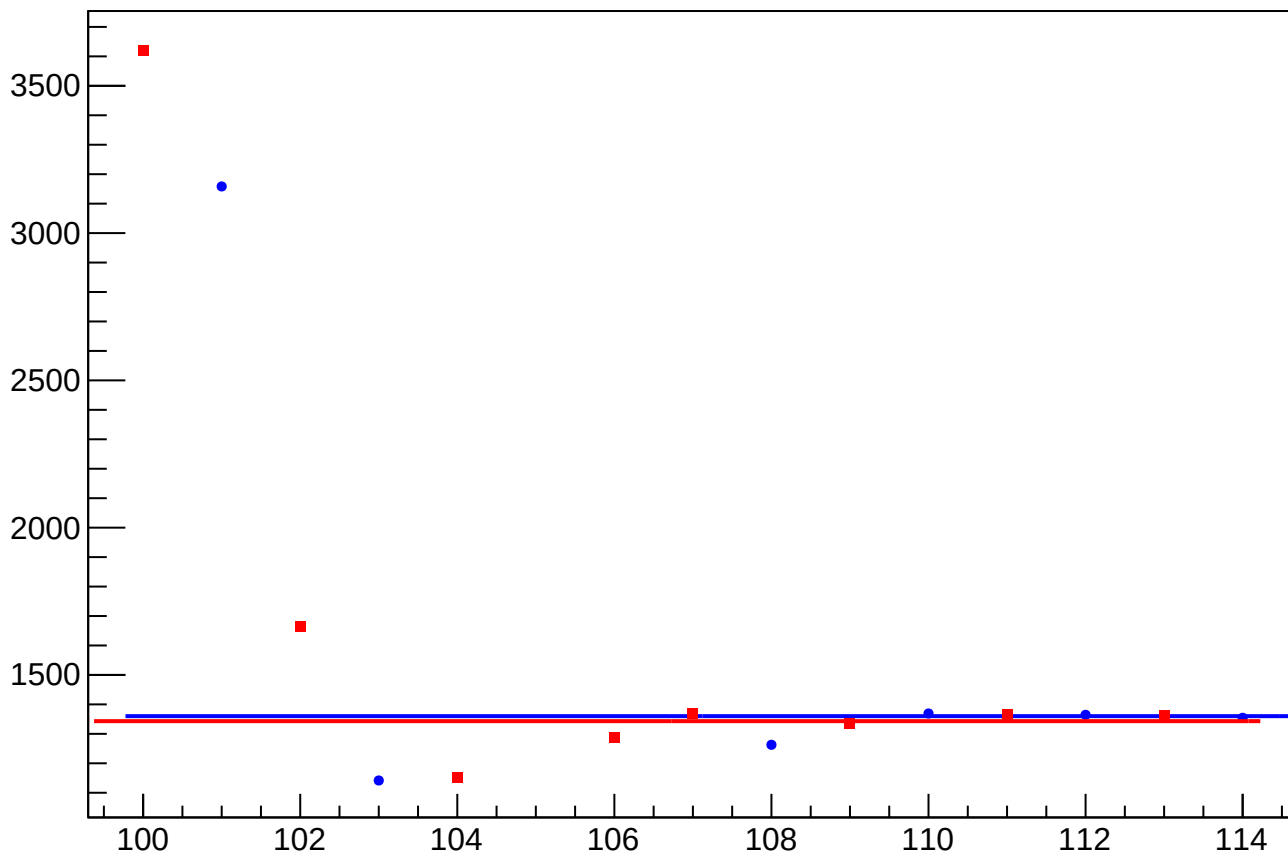
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -273.058 $\pm$ 584.322 χ^2 /NDF: 18.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

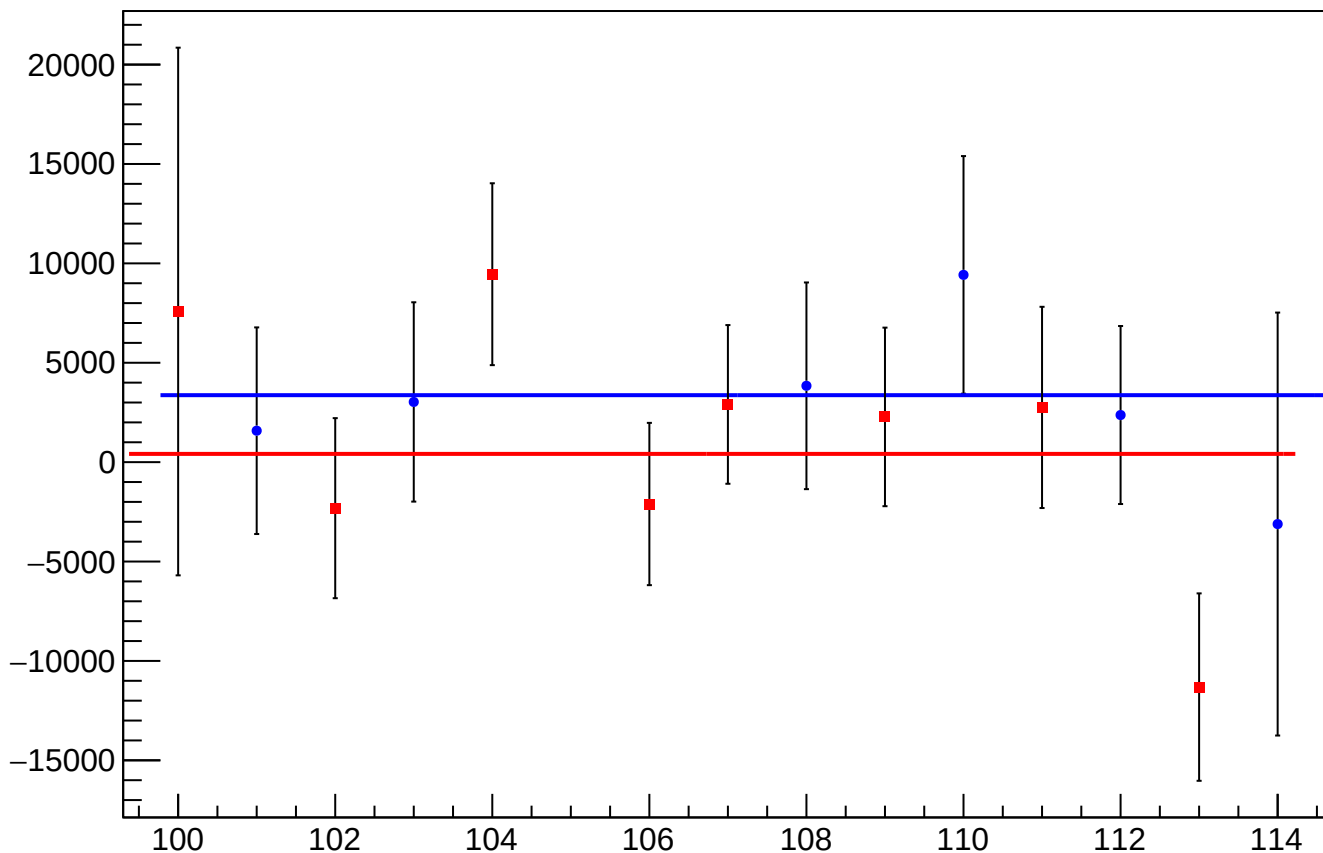
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 3369.206 $\pm$ 2233.210 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 415.290 $\pm$ 1669.939 χ^2 /NDF: 11.9/7

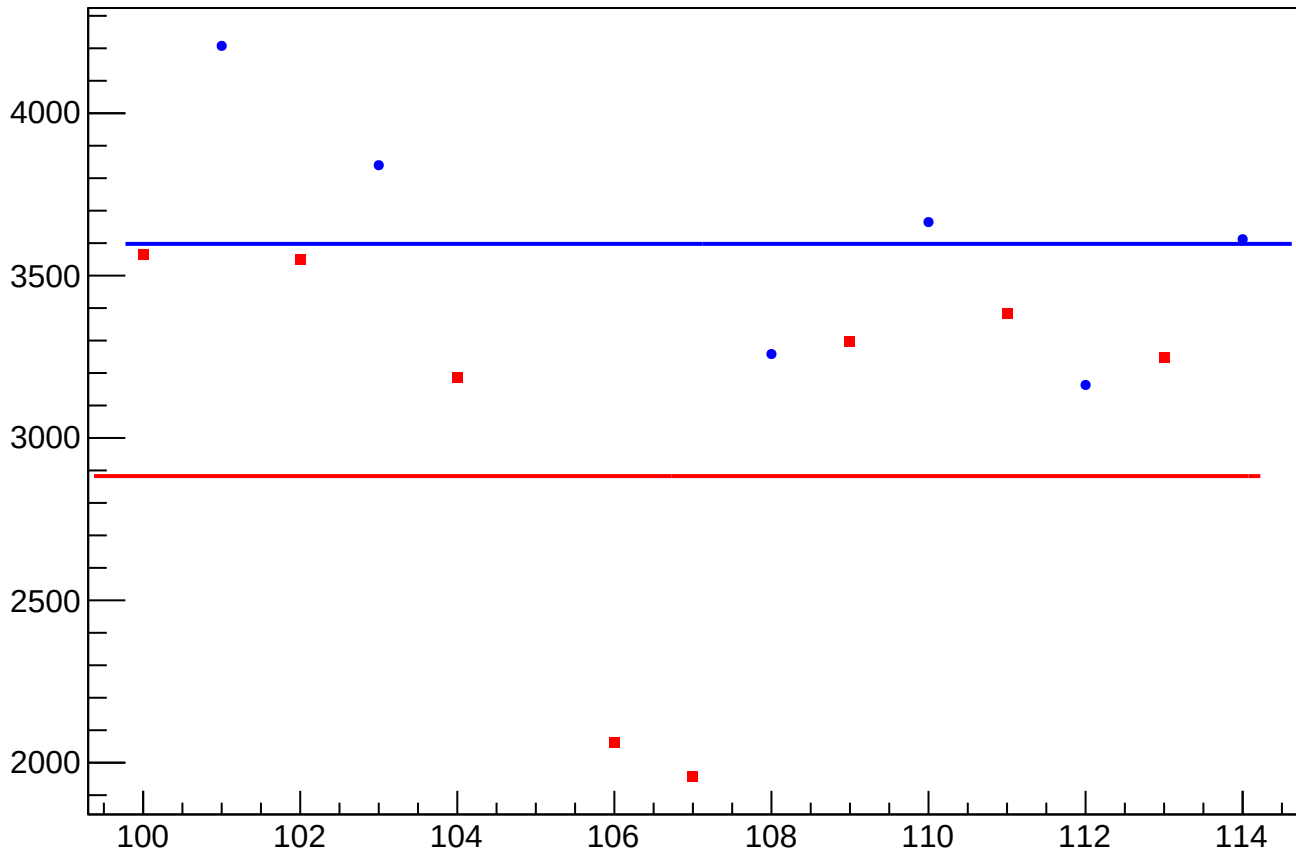
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1474.660 $\pm$ 1337.378 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 3597.705 $\pm$ 1.579 χ^2 /NDF: 59806.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2882.604 $\pm$ 1.181 χ^2 /NDF: 294878.4/7

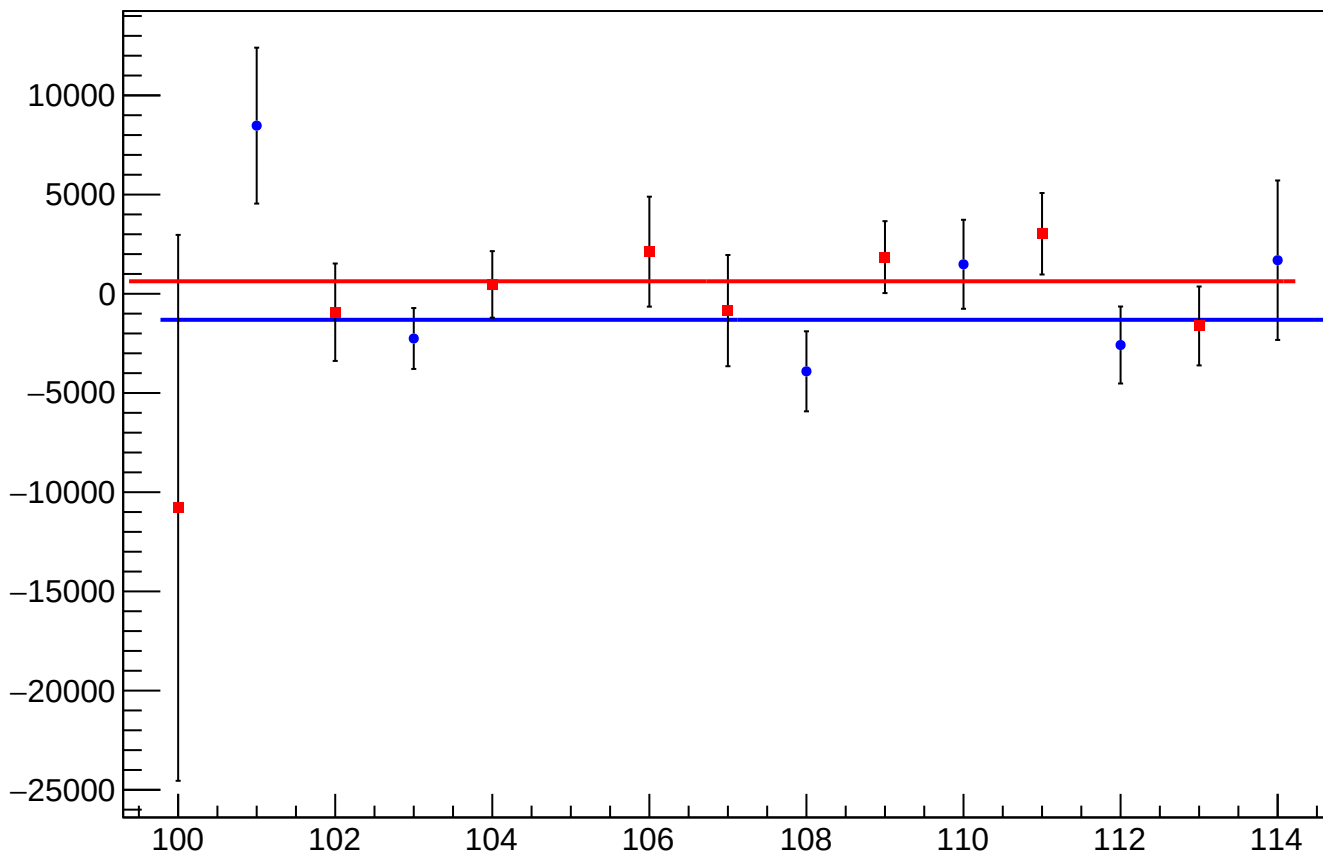
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3139.062 $\pm$ 0.946 χ^2 /NDF: 486211.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1311.104 $\pm$ 890.196 χ^2 /NDF: 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.333 $\pm$ 795.893 χ^2 /NDF: 4.8/7

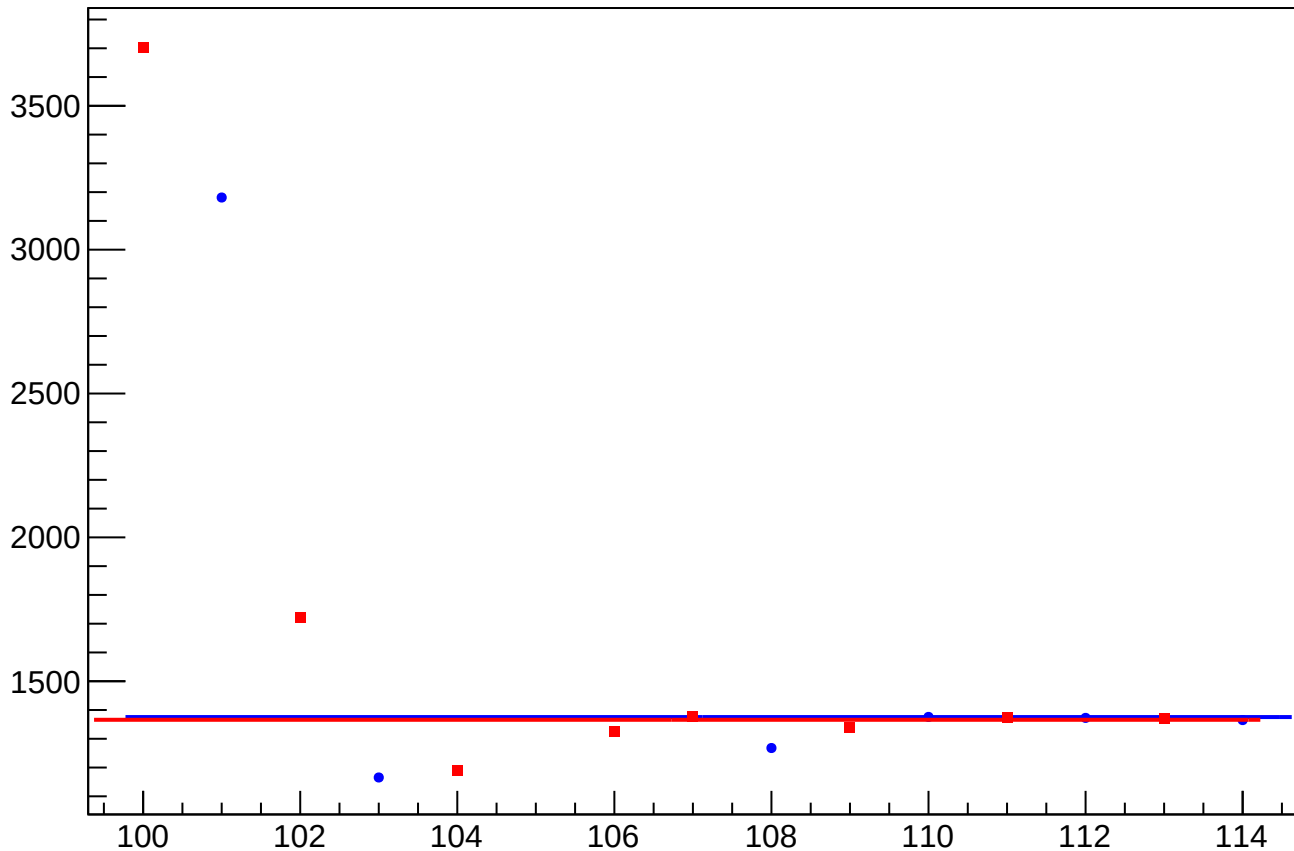
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.139 $\pm$ 593.330 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1375.457 $\pm$ 0.629 χ^2 /NDF: 465638.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

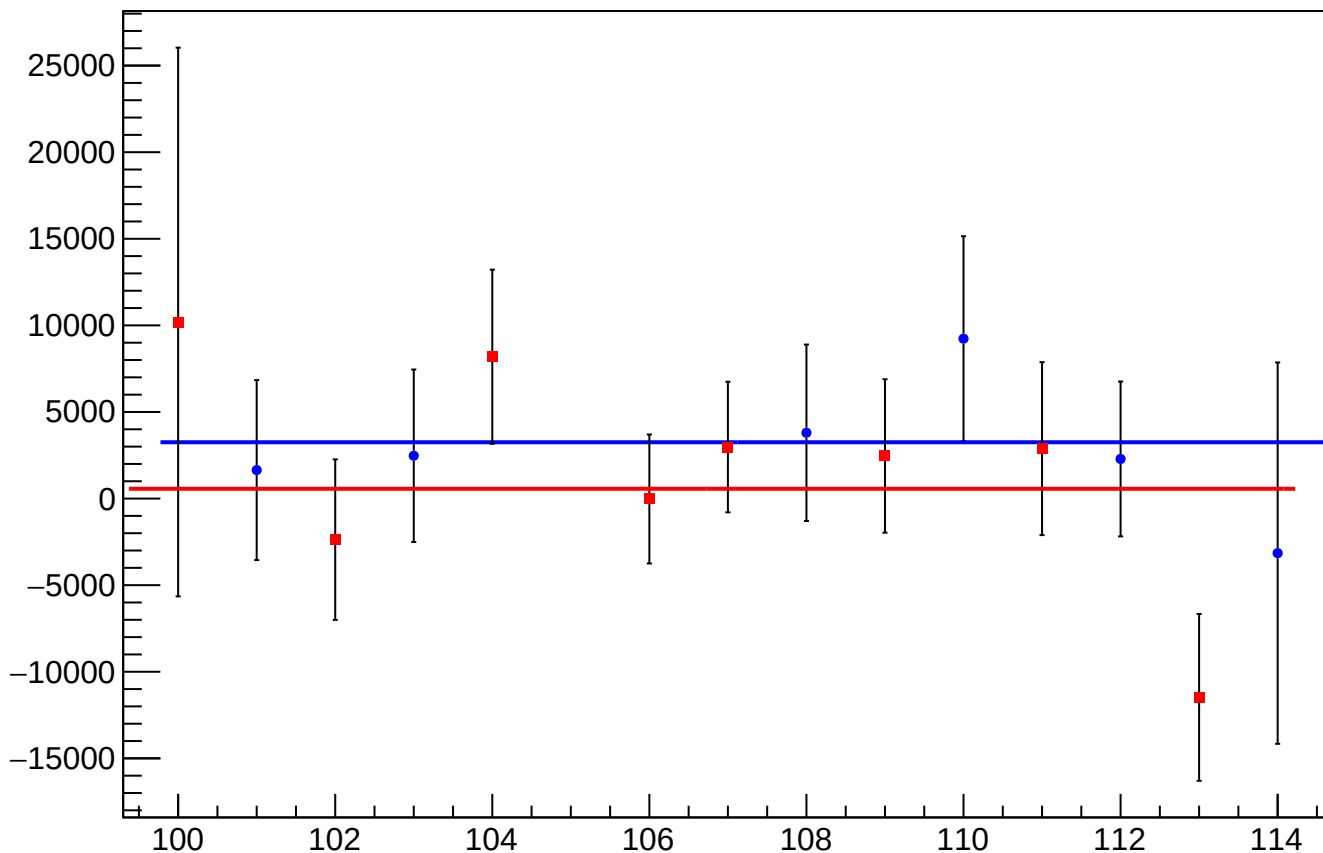
Right Out: 1365.991 $\pm$ 0.562 χ^2 /NDF: 122488.1/7

All: 1370.187 $\pm$ 0.419 χ^2 /NDF: 588253.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug



Right In: 3252.026 $\pm$ 2220.632 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 567.301 $\pm$ 1651.209 χ^2 /NDF: 10.2/7

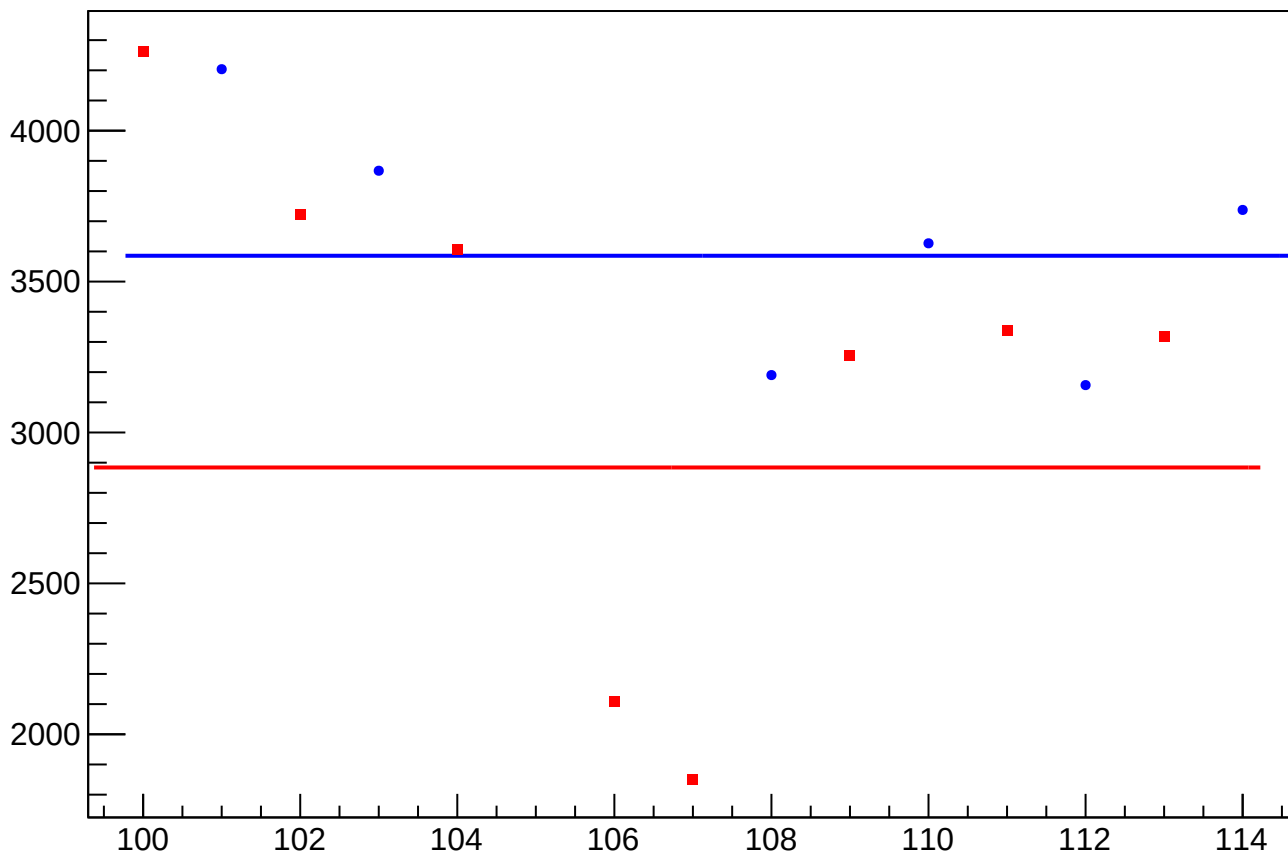
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1523.186 $\pm$ 1325.041 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3585.578+/-1.570 χ^2/NDF : 65617.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2884.066+/-1.168 χ^2/NDF : 406307.8/7

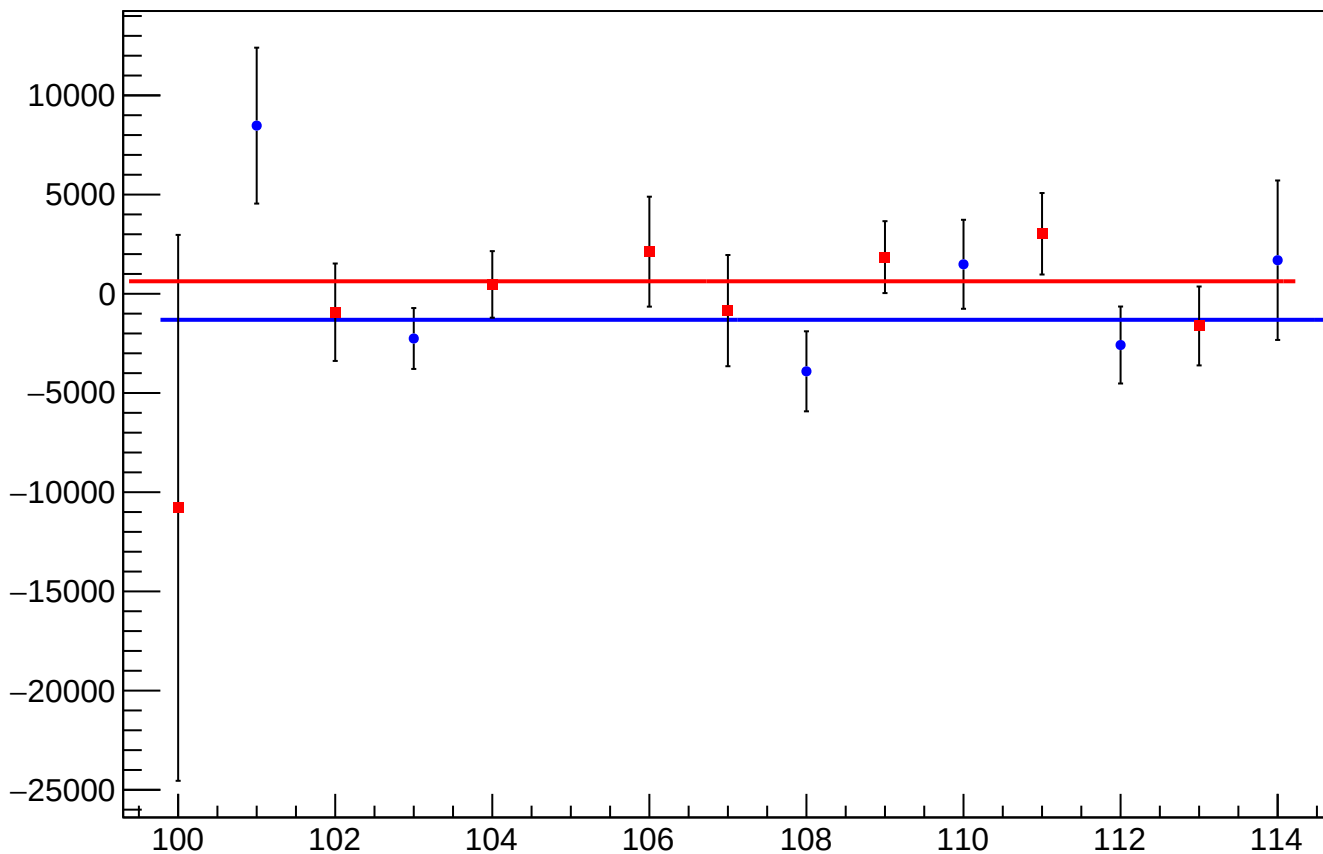
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1311.111 $\pm$ 890.196 χ^2 /NDF: 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.343 $\pm$ 795.893 χ^2 /NDF: 4.8/7

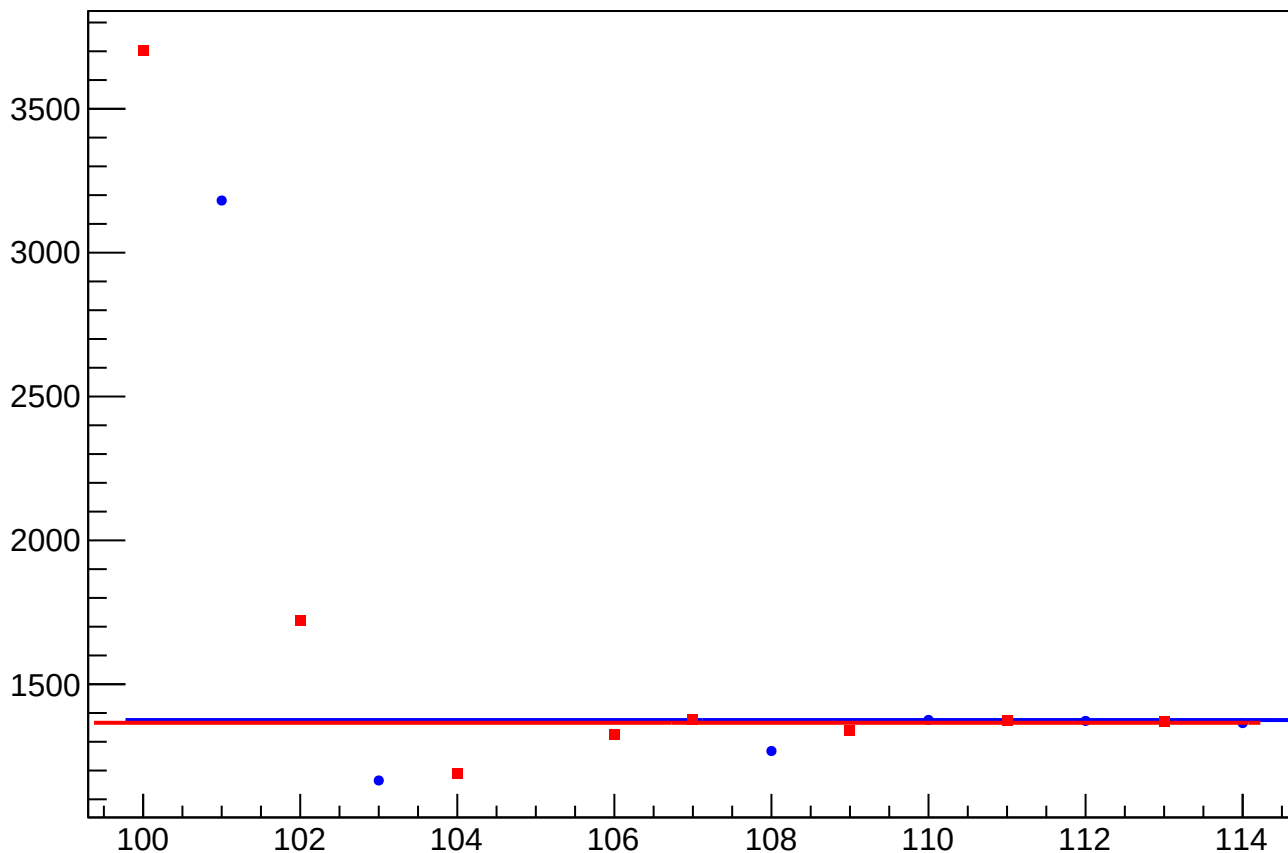
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.136 $\pm$ 593.330 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1375.457 $\pm$ 0.629 χ^2 /NDF: 465639.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1365.991 $\pm$ 0.562 χ^2 /NDF: 122488.1/7

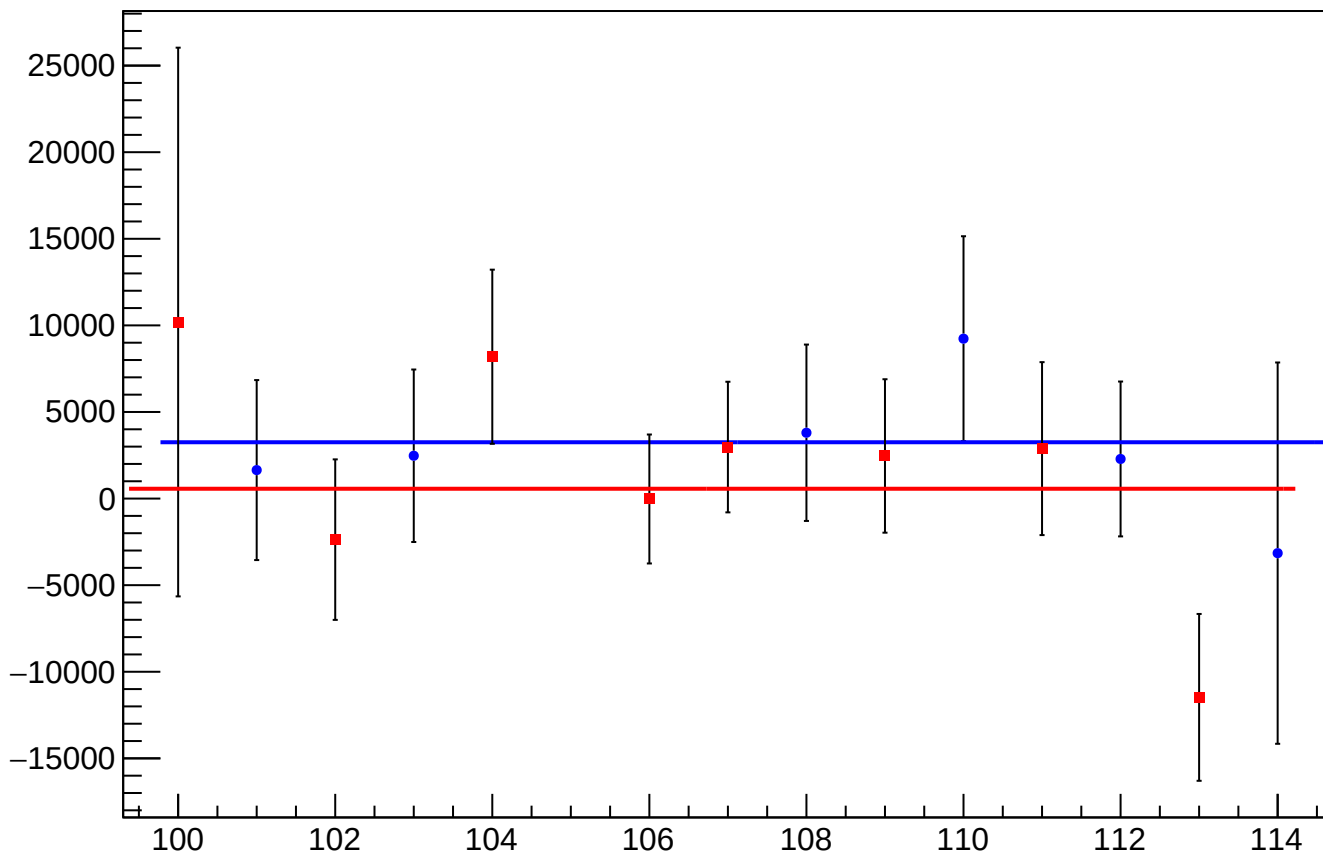
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1370.187 $\pm$ 0.419 χ^2 /NDF: 588253.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 3252.024+/-2220.628 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.306+/-1651.206 χ^2/NDF : 10.2/7

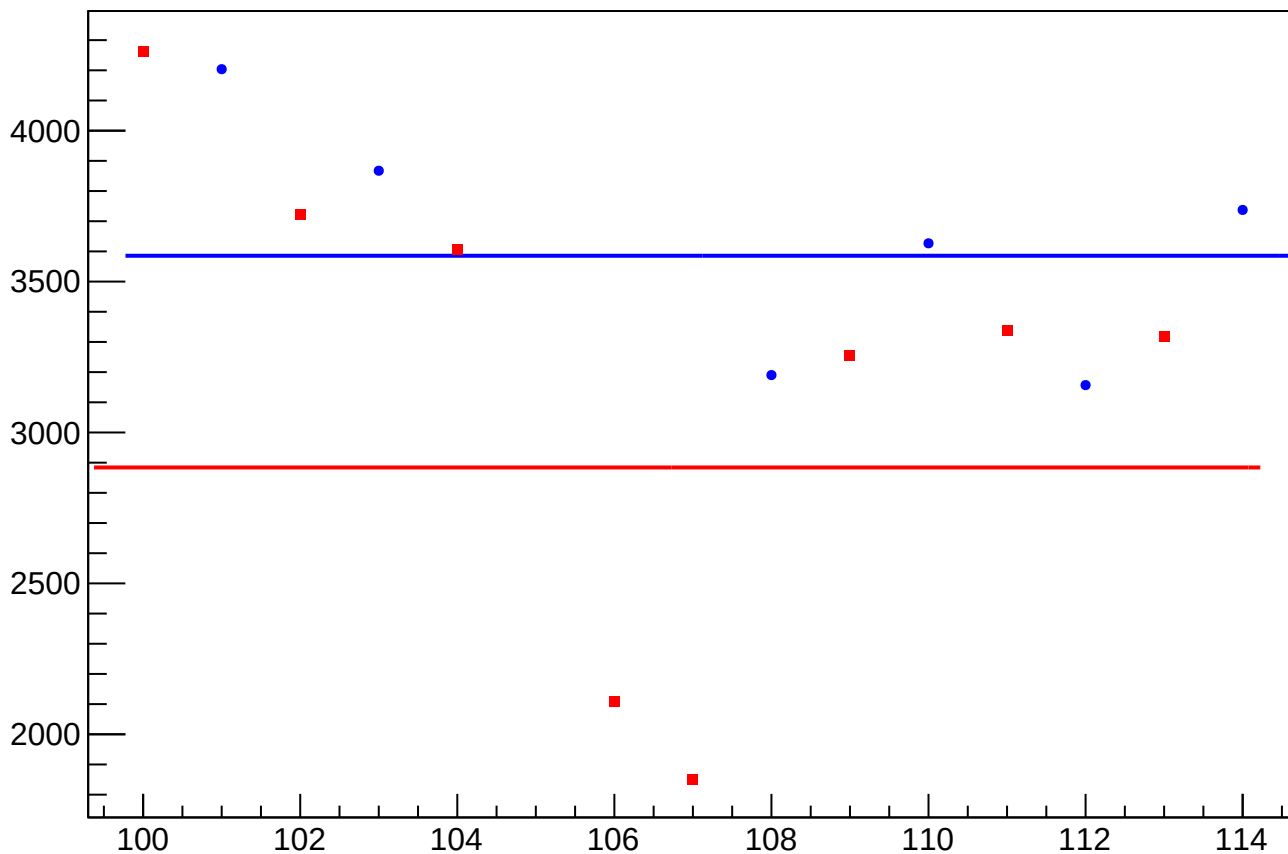
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.188+/-1325.039 χ^2/NDF : 12.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 3585.572 $\pm$ 1.570 χ^2 /NDF: 65618.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2884.060 $\pm$ 1.168 χ^2 /NDF: 406310.4/7

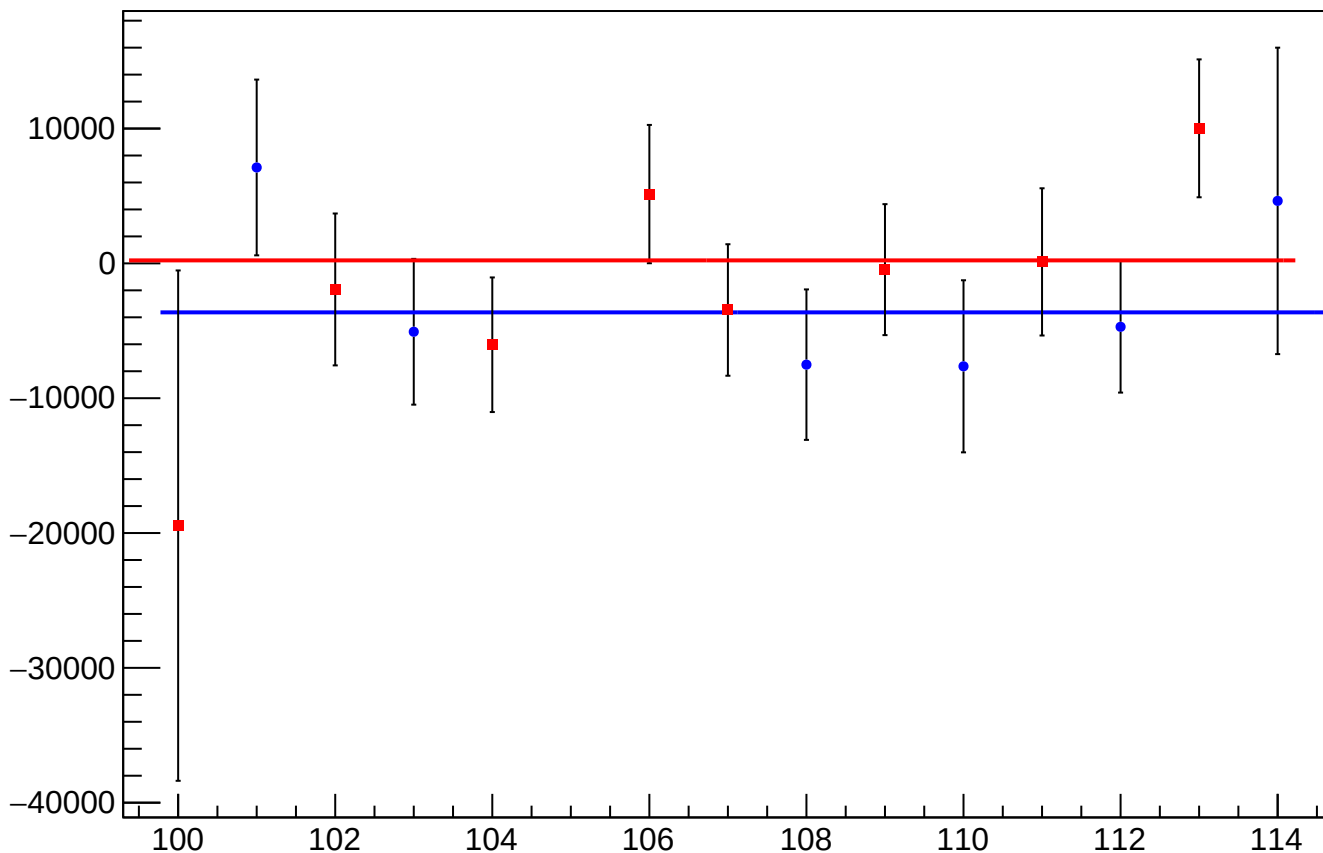
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3133.831 $\pm$ 0.937 χ^2 /NDF: 600458.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -3633.662 $\pm$ 2467.984 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 221.731 $\pm$ 1929.250 χ^2 /NDF: 8.0/7

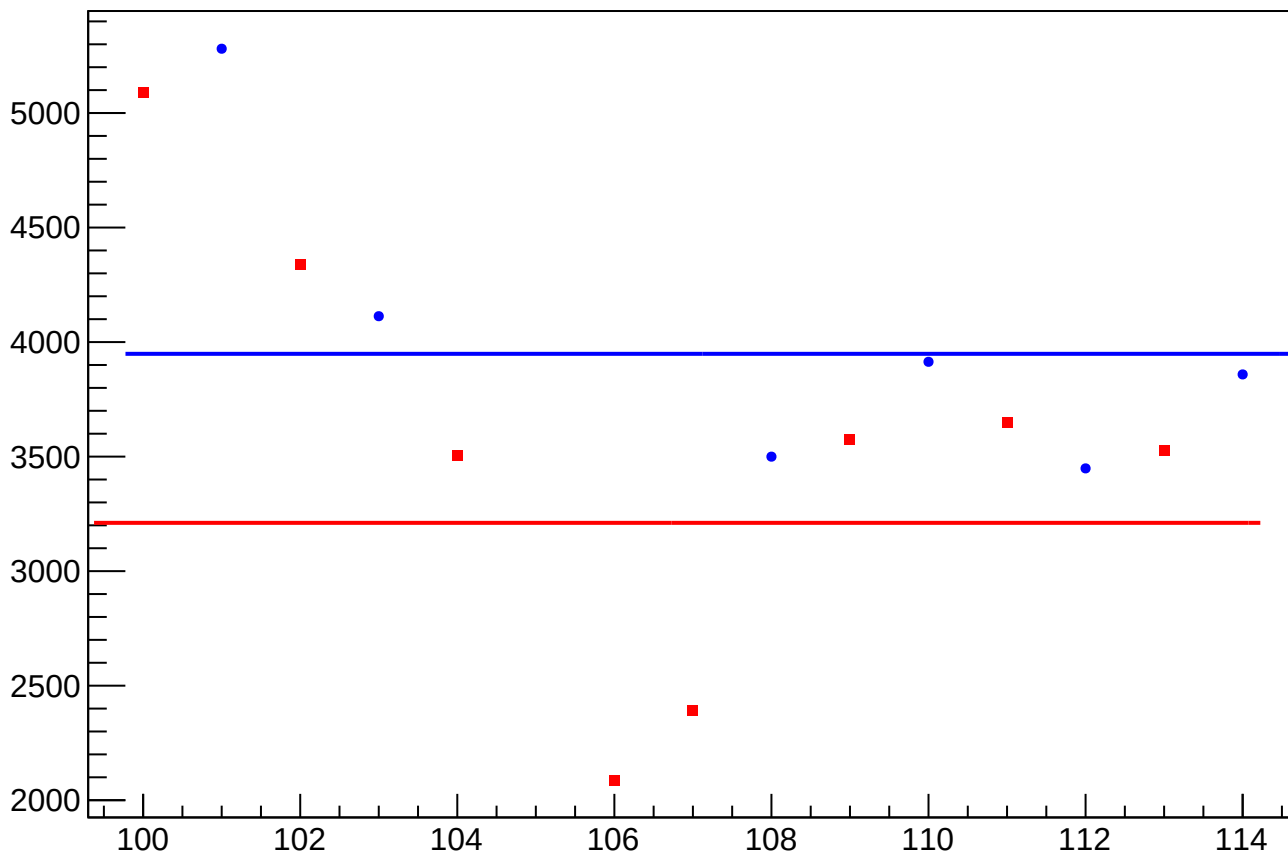
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1240.601 $\pm$ 1519.956 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 3948.725+/-1.745 χ^2/NDF : 119507.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3210.851+/-1.326 χ^2/NDF : 329634.4/7

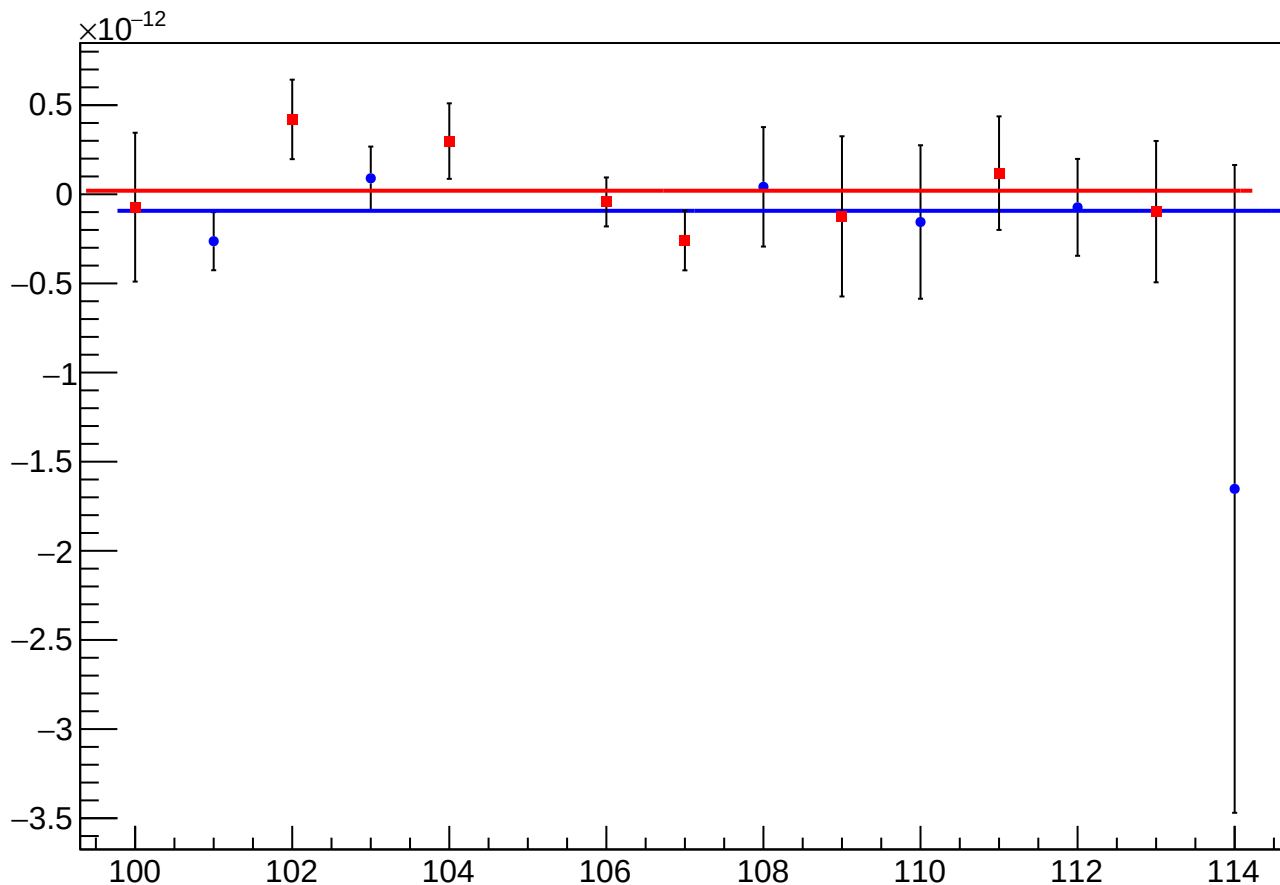
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.3/7

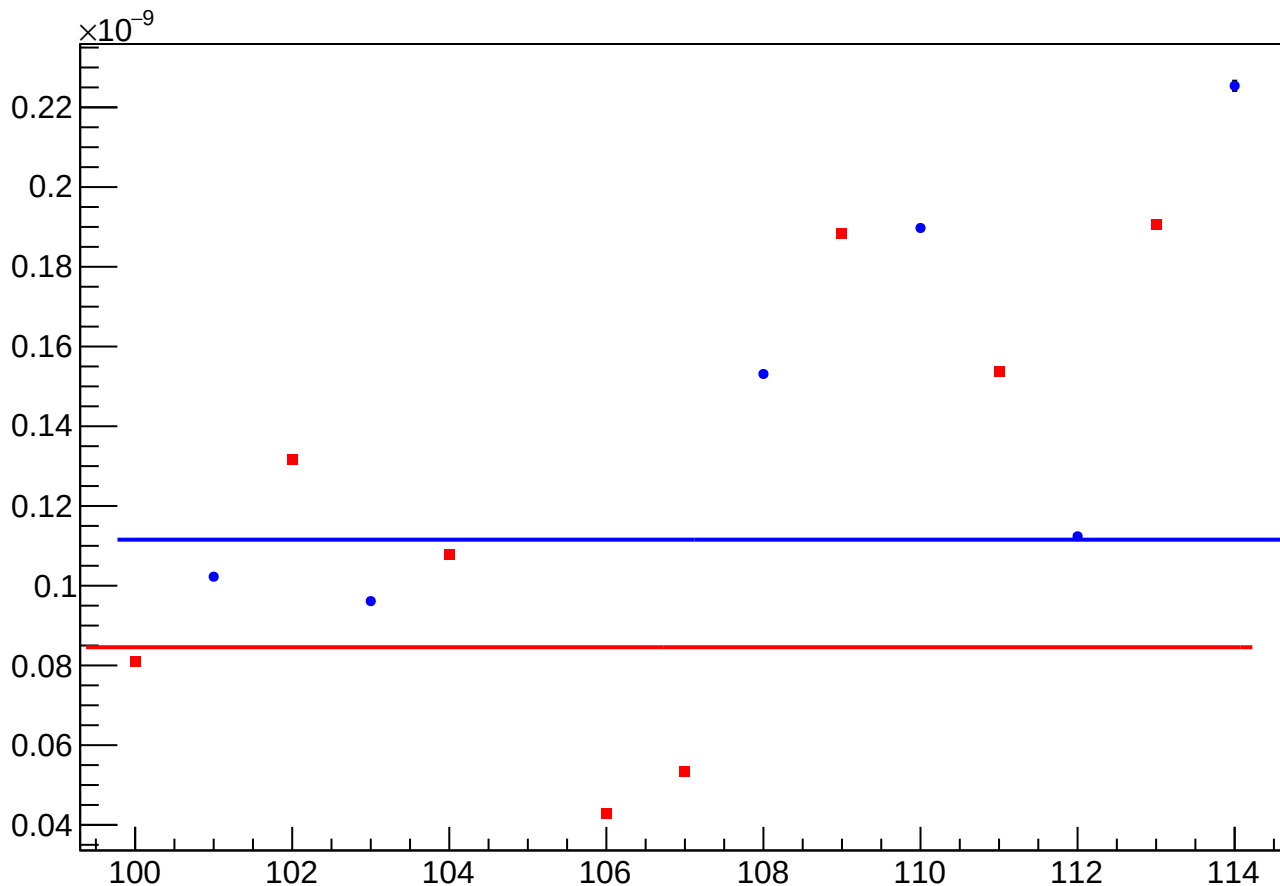
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 126180.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 710553.9/7

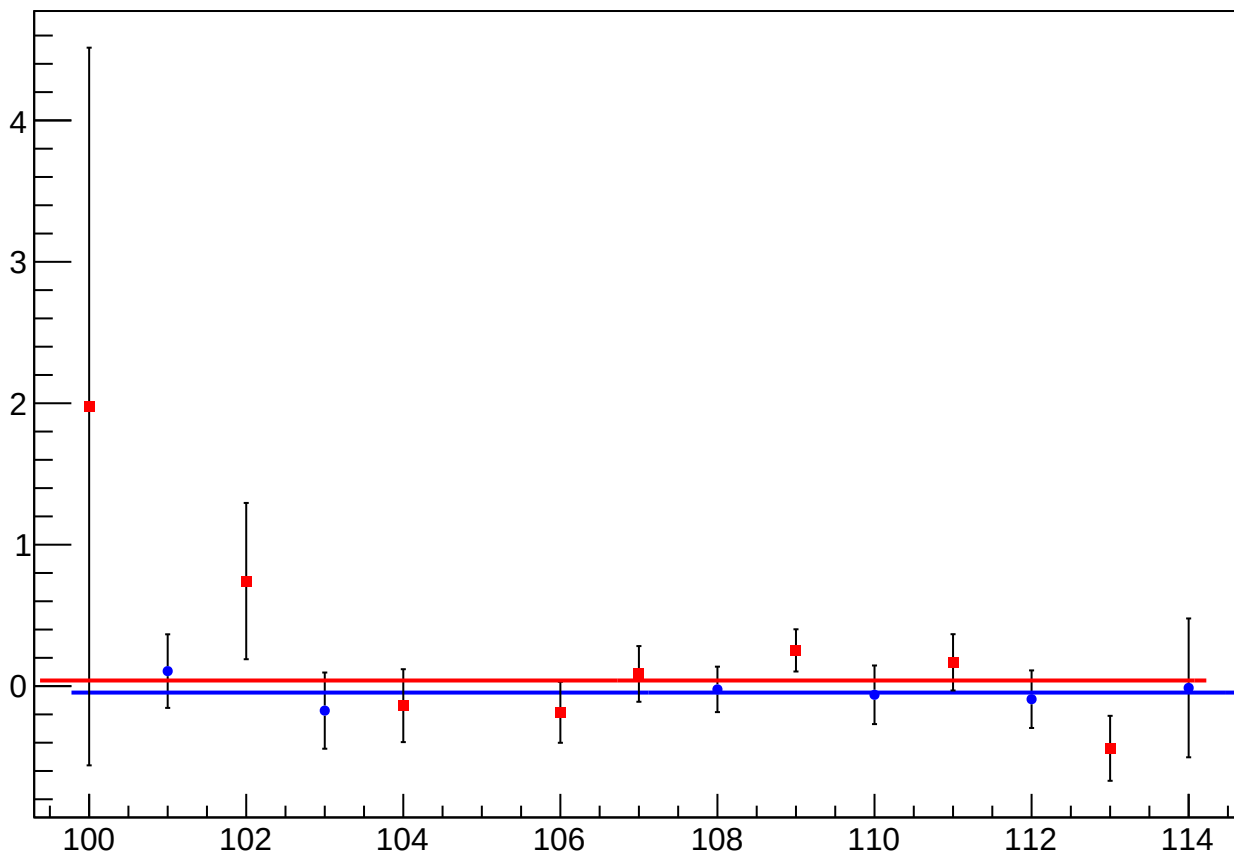
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 924478.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.046 $\pm$ 0.092 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

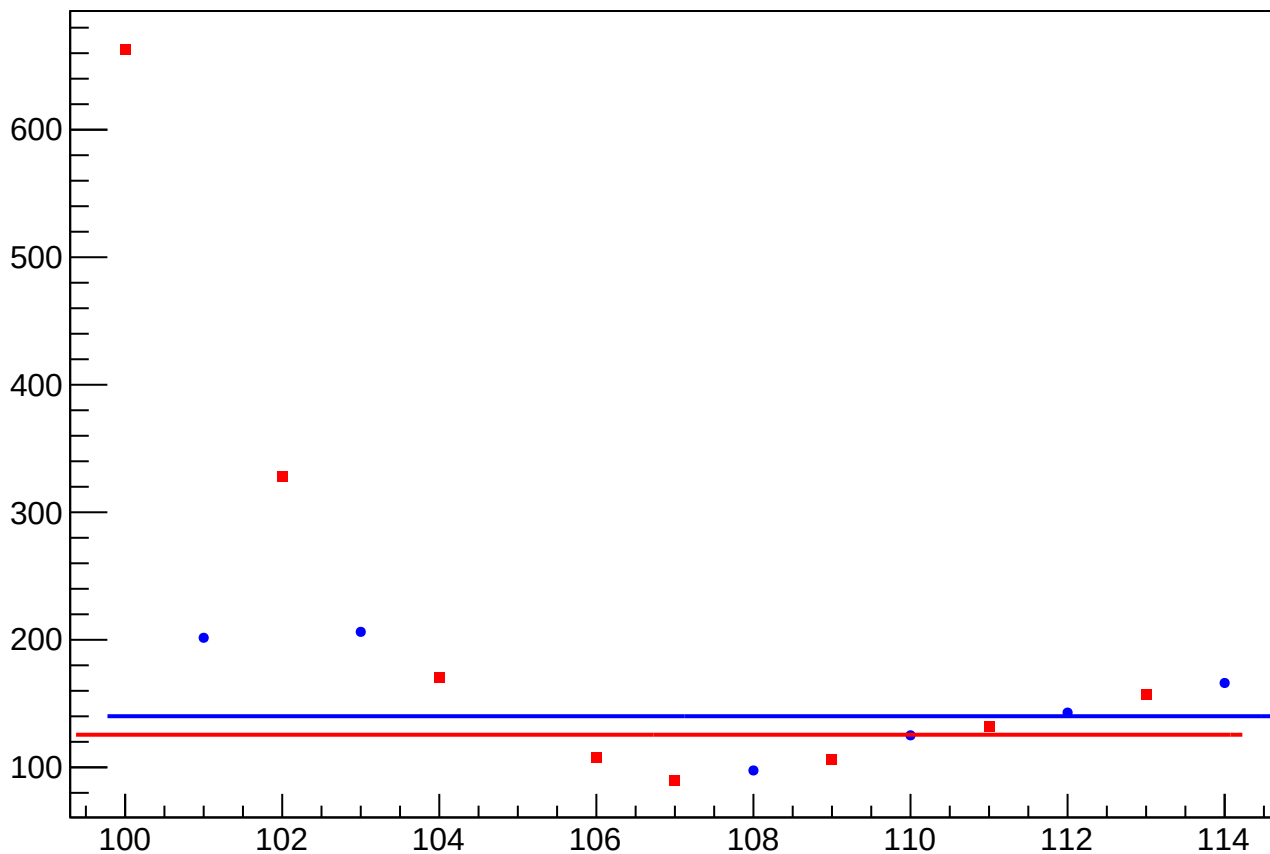
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.060 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 140.090 $\pm$ 0.065 χ^2 /NDF: 389015.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.574 $\pm$ 0.057 χ^2 /NDF: 572839.9/7

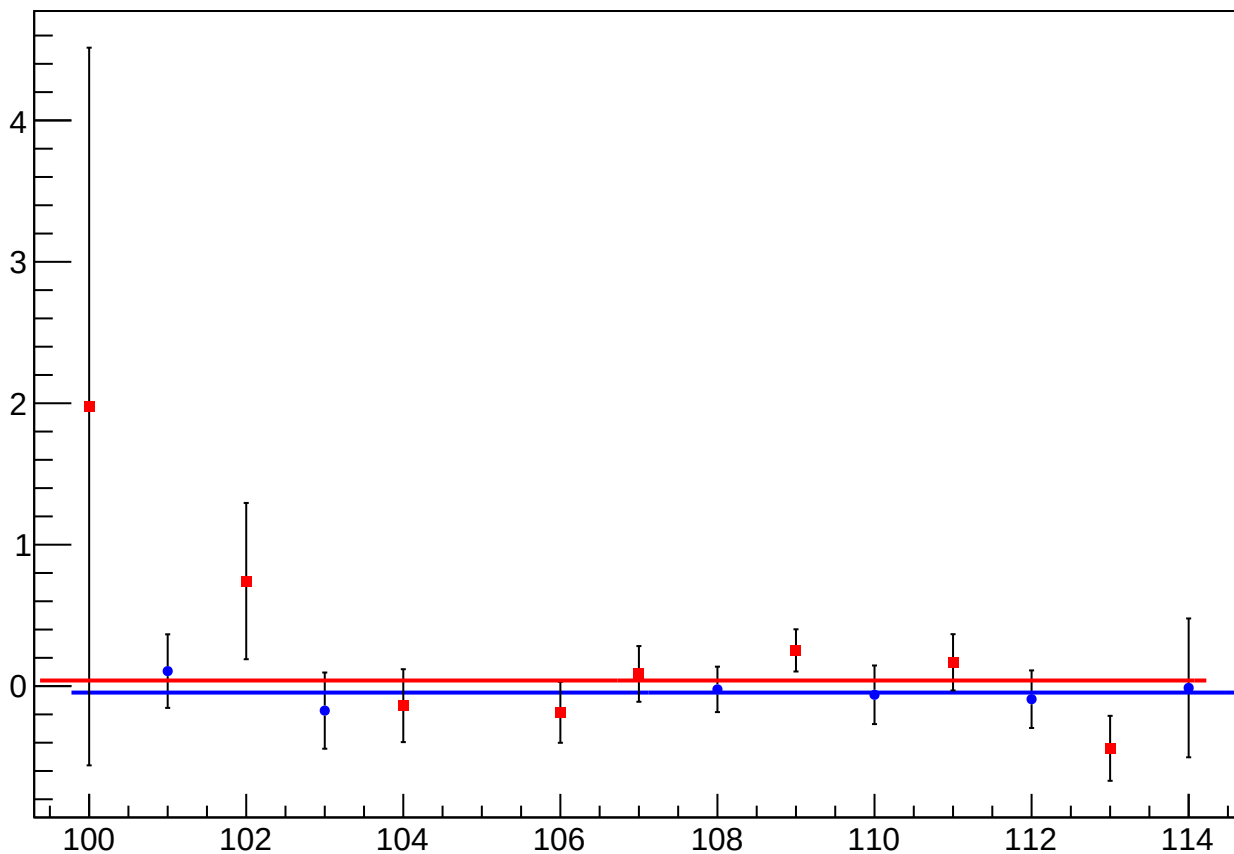
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.877 $\pm$ 0.043 χ^2 /NDF: 990196.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.040 ± 0.080 χ^2/NDF : 10.6/7

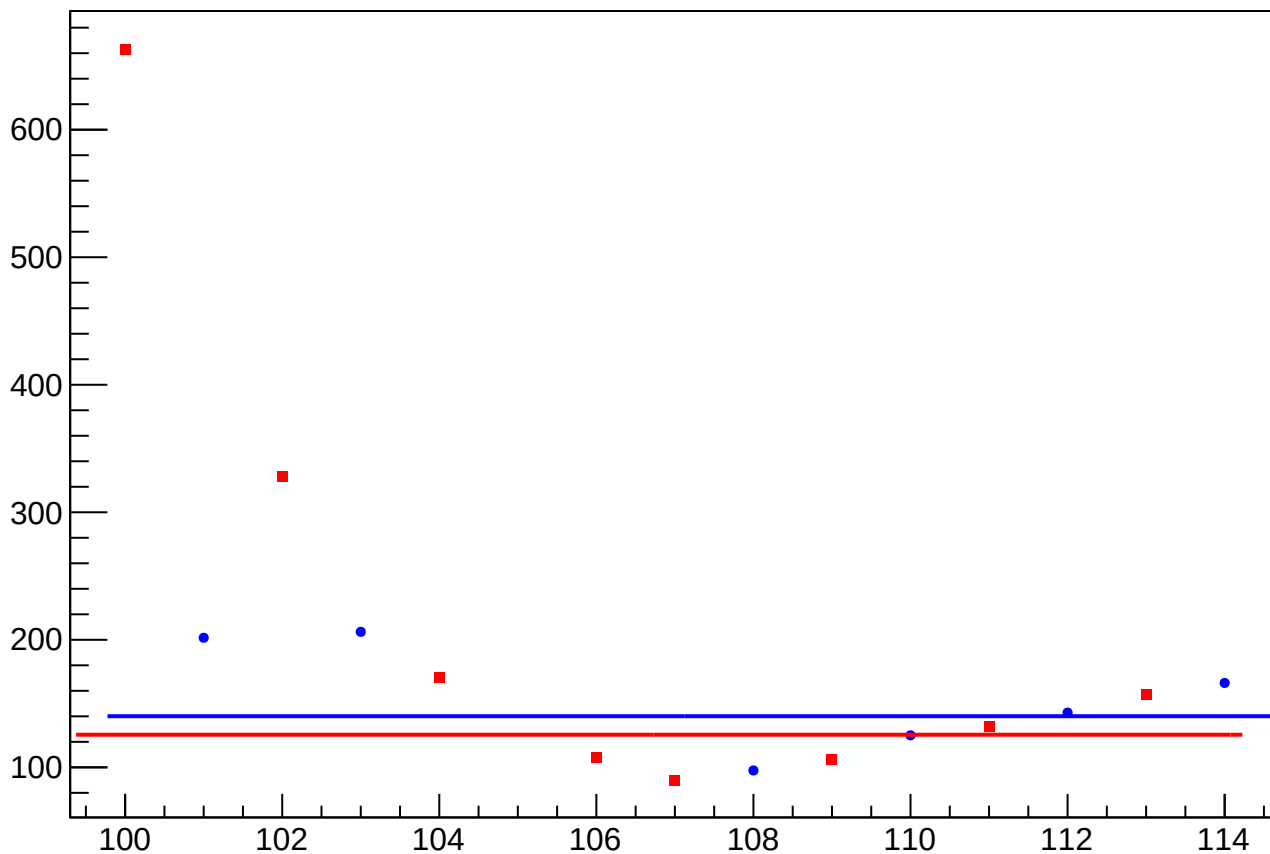
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.060 χ^2/NDF : 11.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.574+/-0.057 χ^2/NDF : 572839.9/7

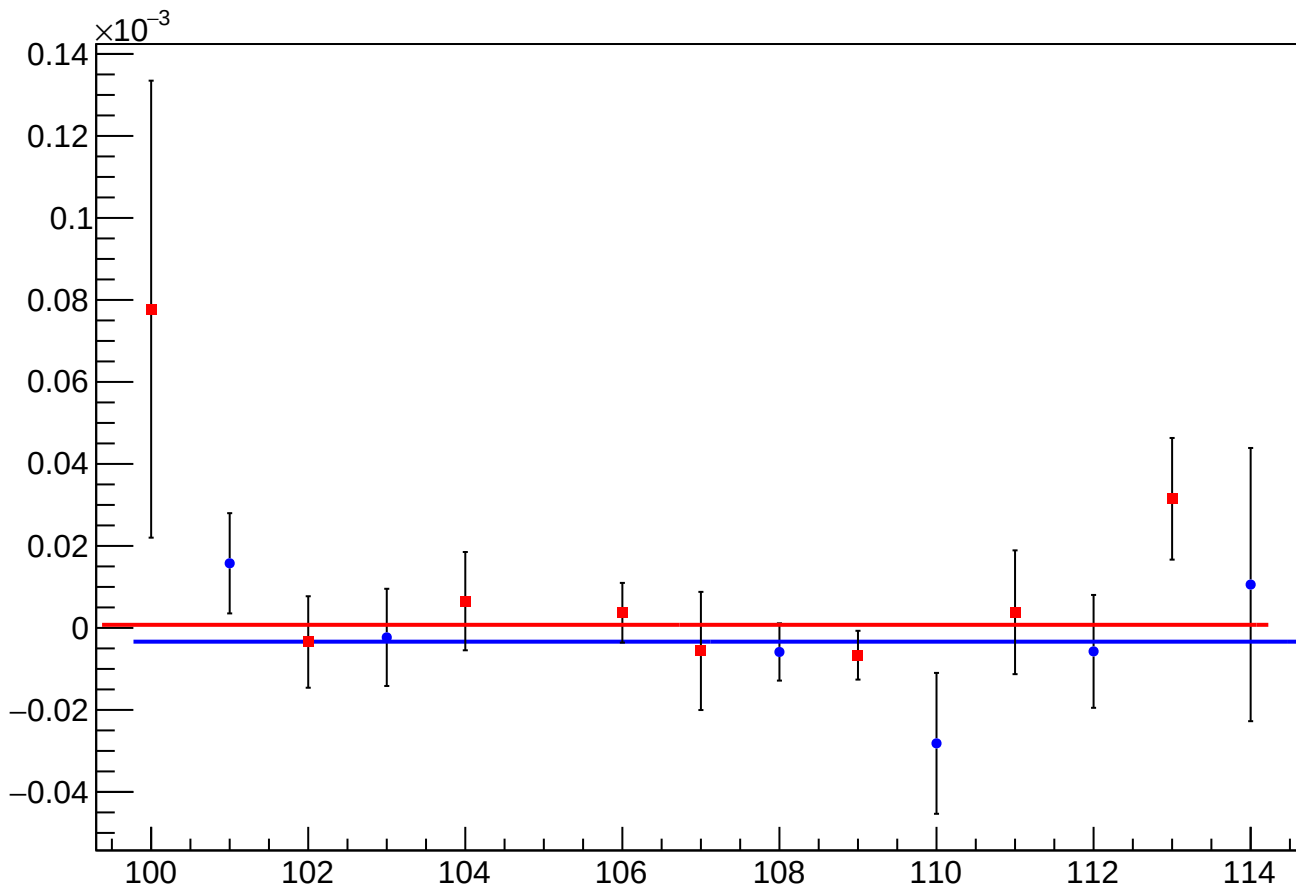
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8.5/7

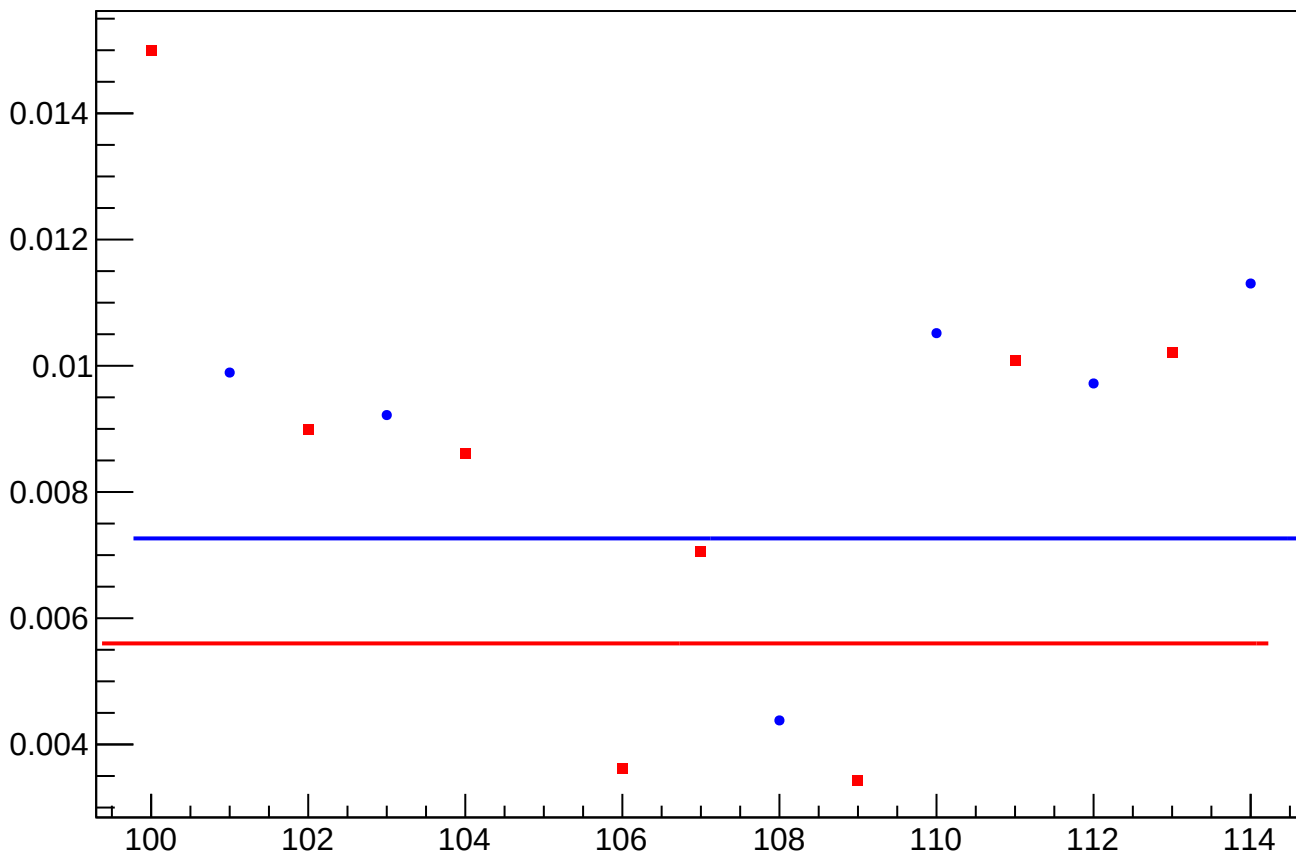
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 652407.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1173624.1/7

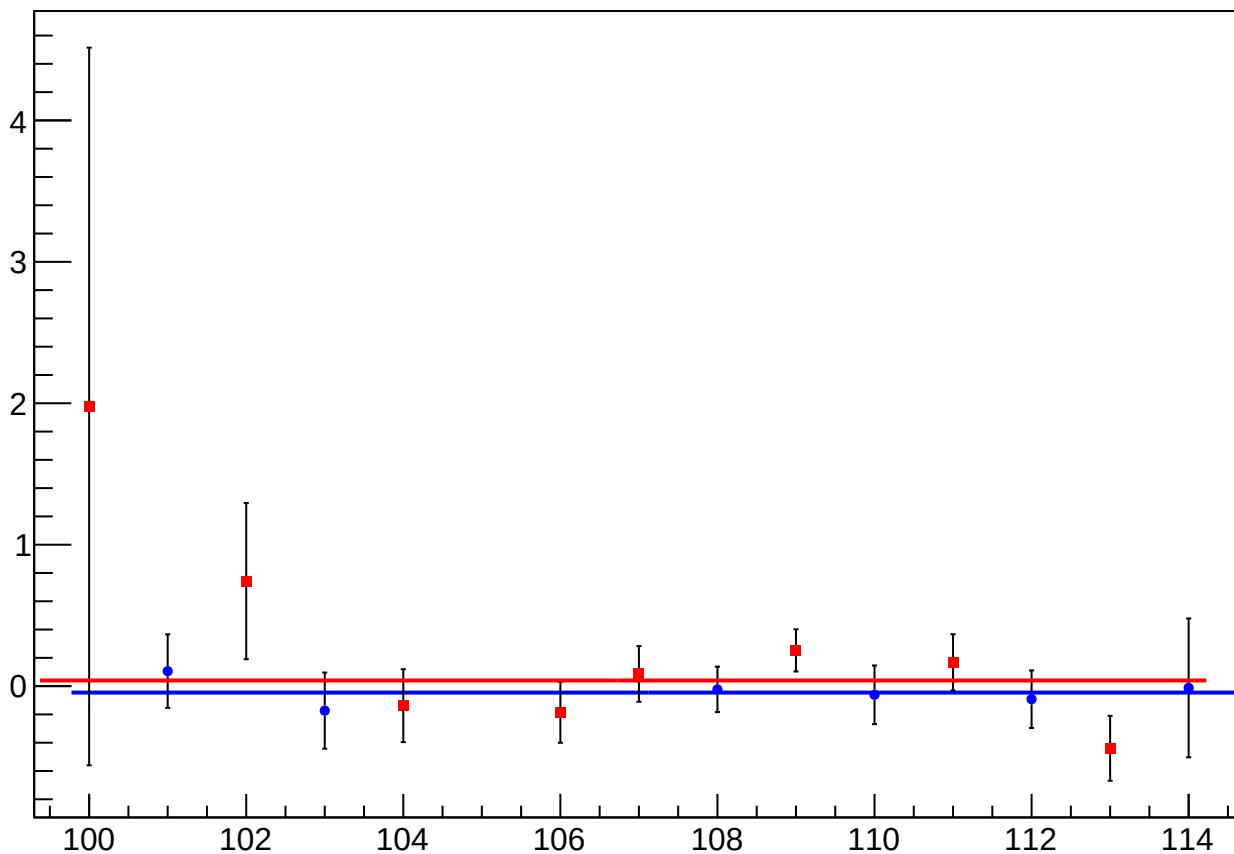
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.046 $\pm$ 0.092 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

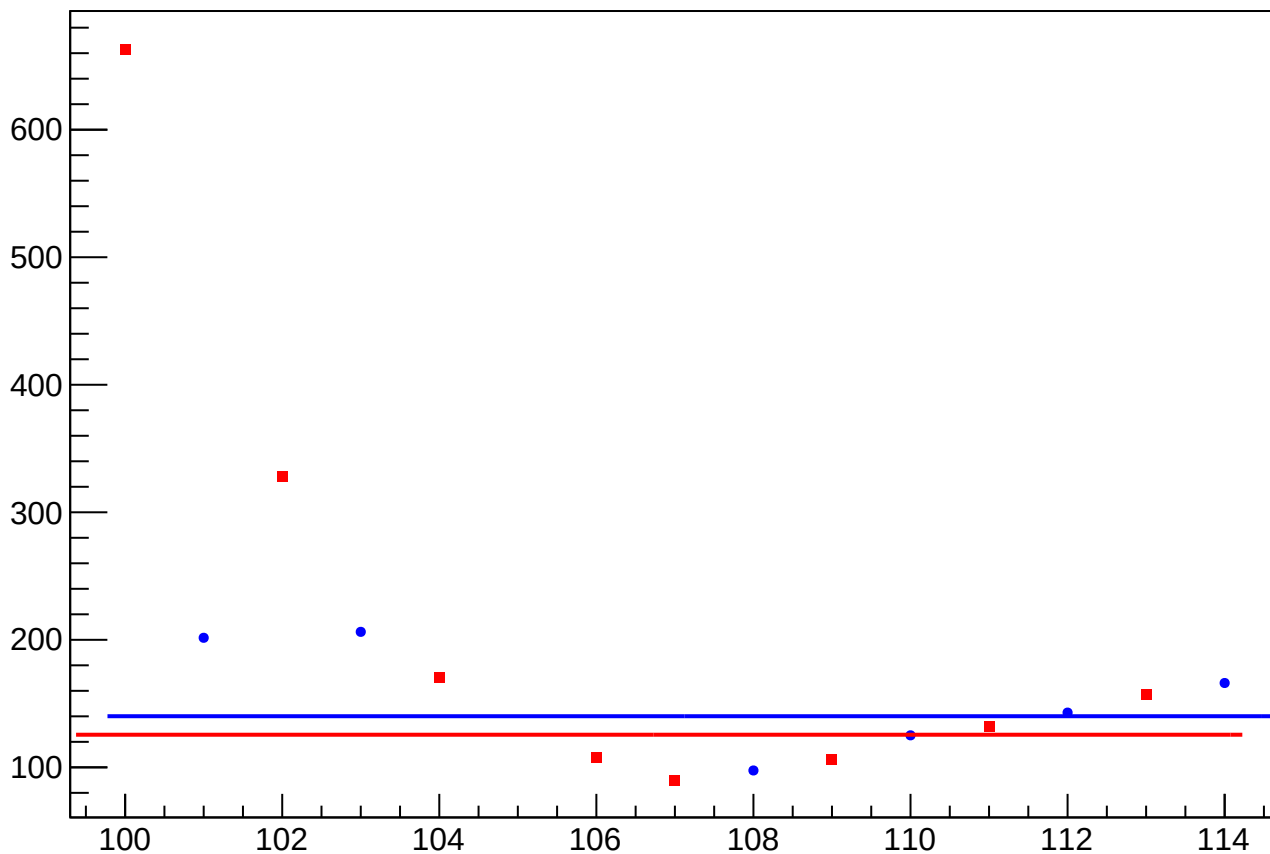
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.060 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.576+/-0.057 χ^2/NDF : 572795.4/7

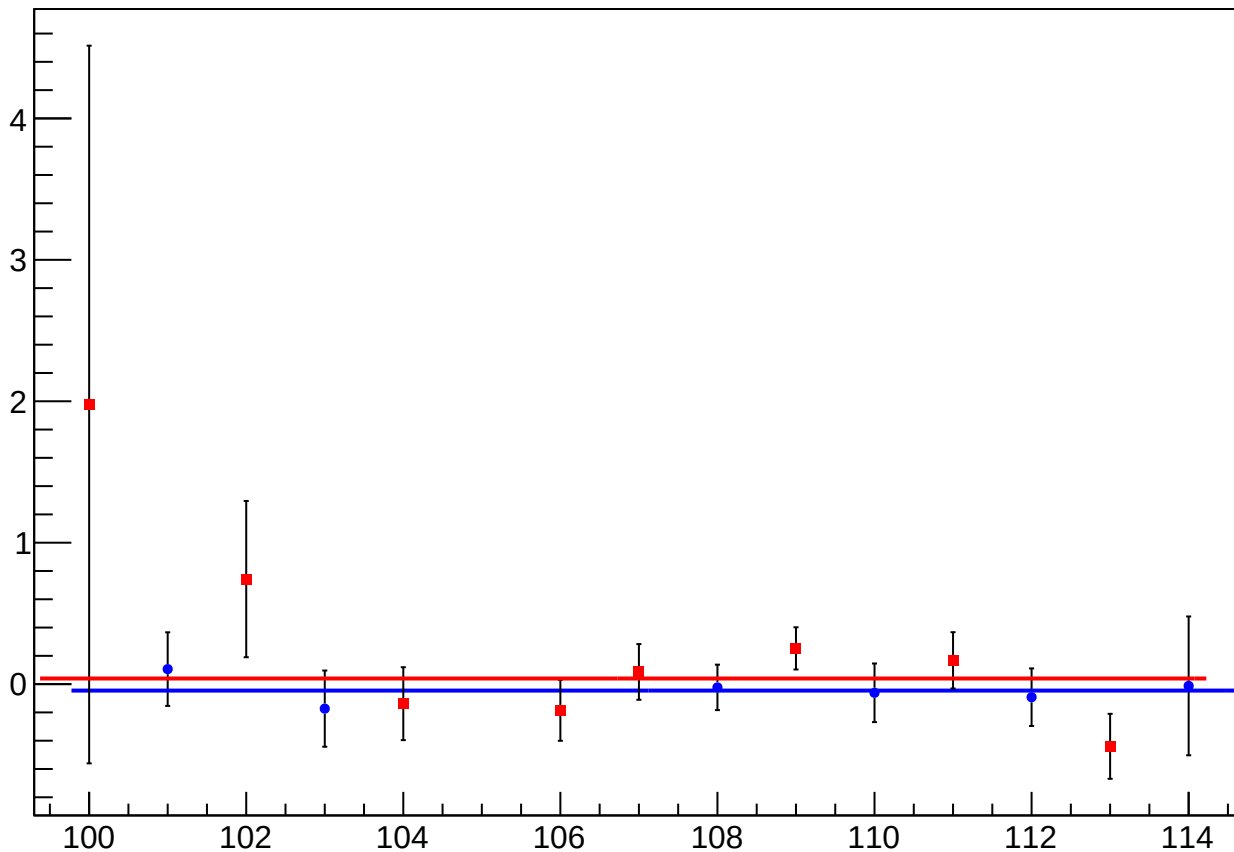
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.046 ± 0.092 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.040 ± 0.080 χ^2/NDF : 10.6/7

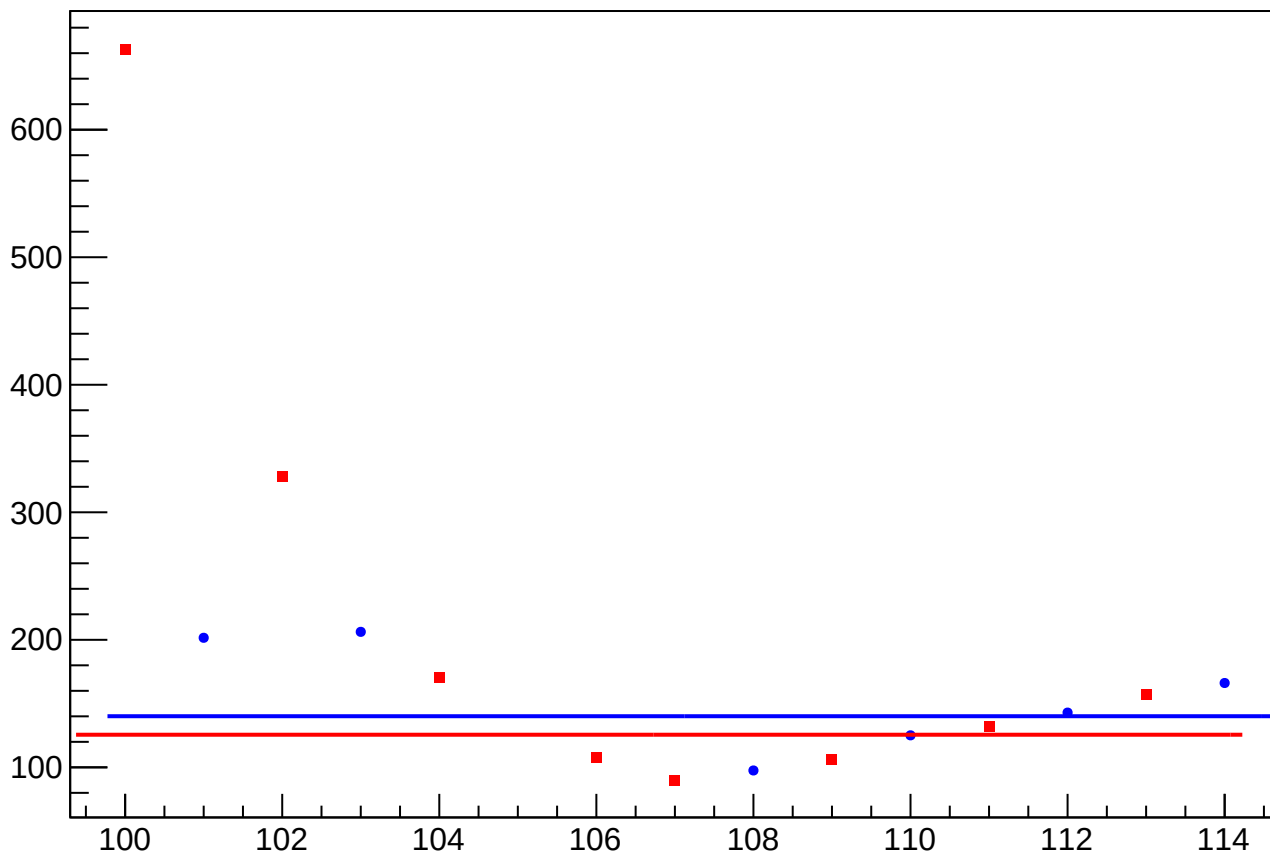
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.060 χ^2/NDF : 11.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.576+/-0.057 χ^2/NDF : 572795.4/7

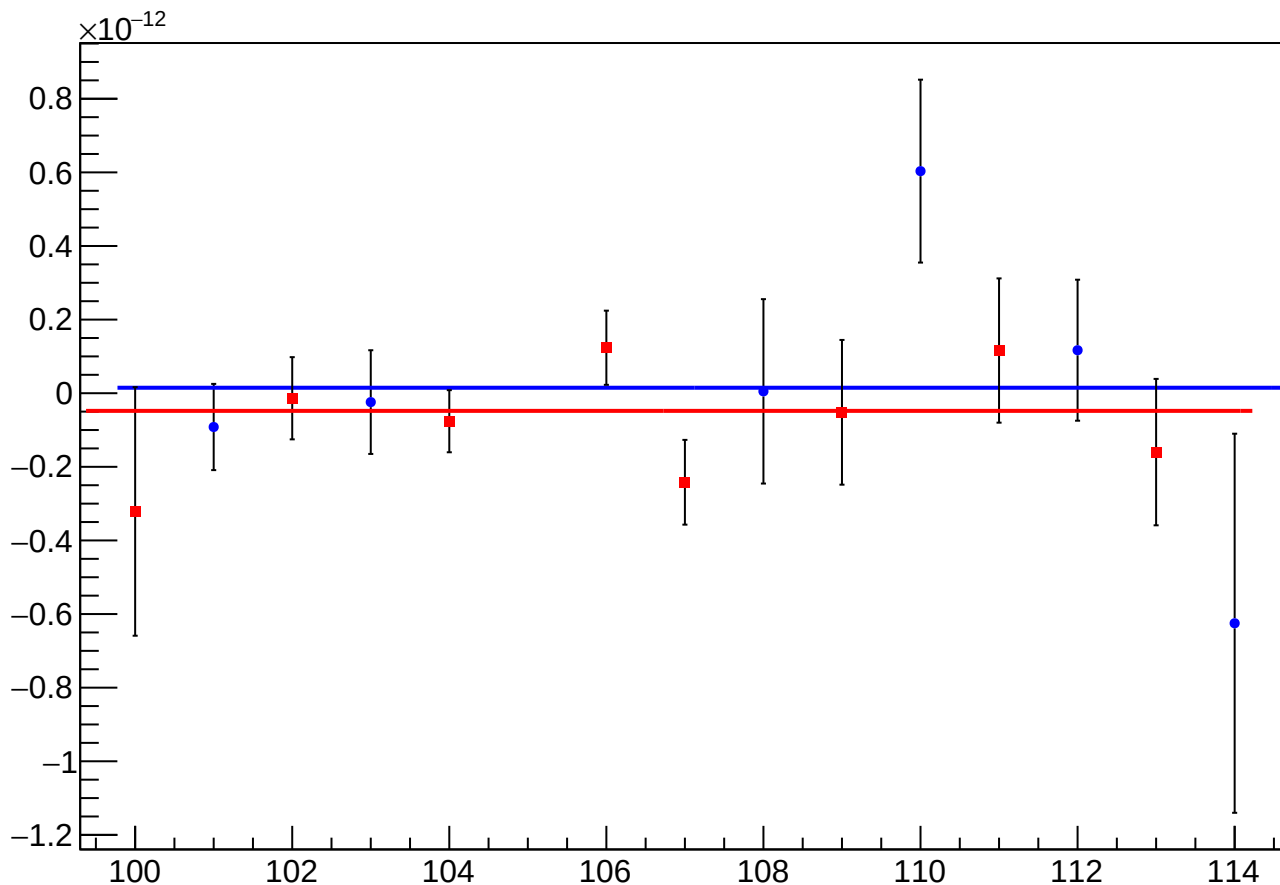
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/7

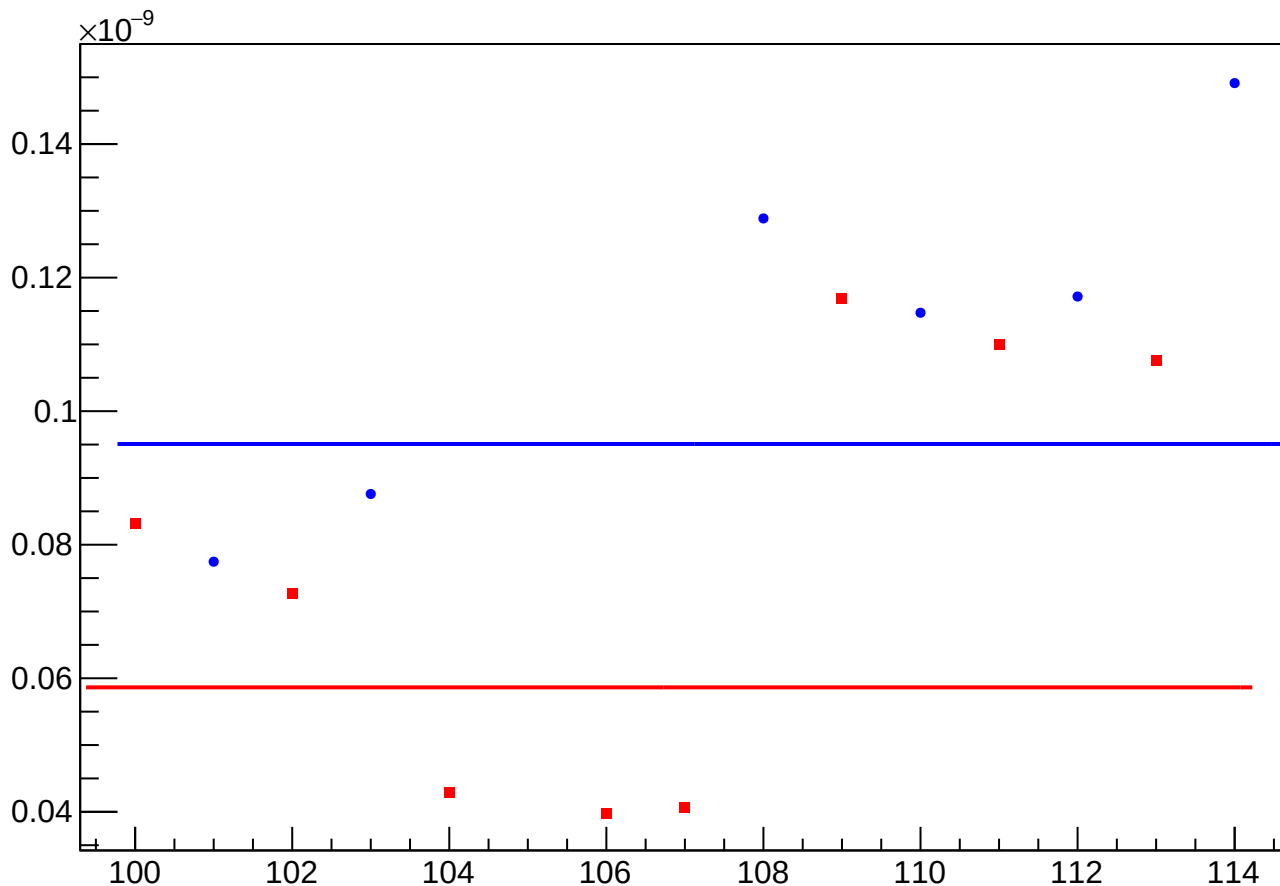
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 148447.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 665210.1/7

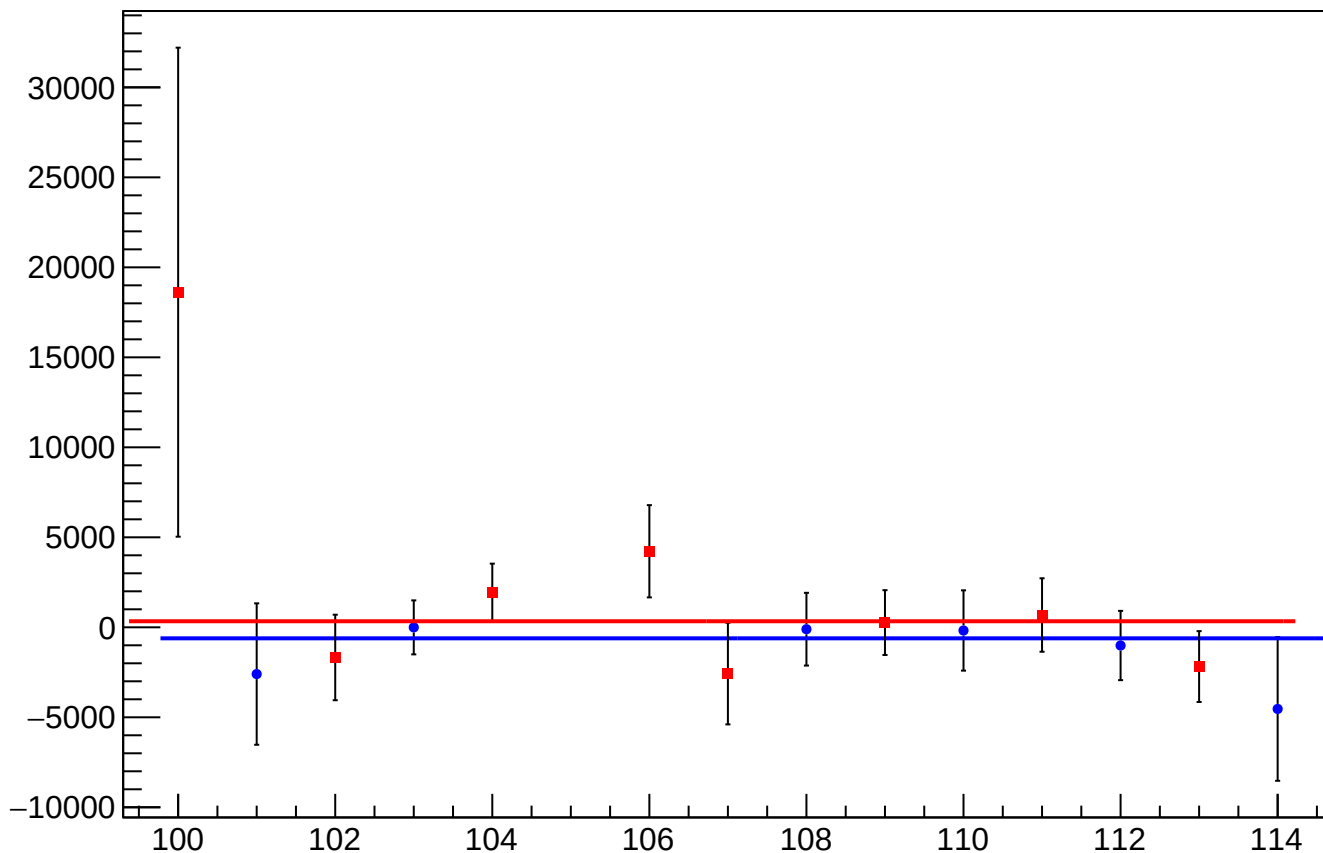
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -612.843+/-881.285 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.145+/-777.287 χ^2/NDF : 8.5/7

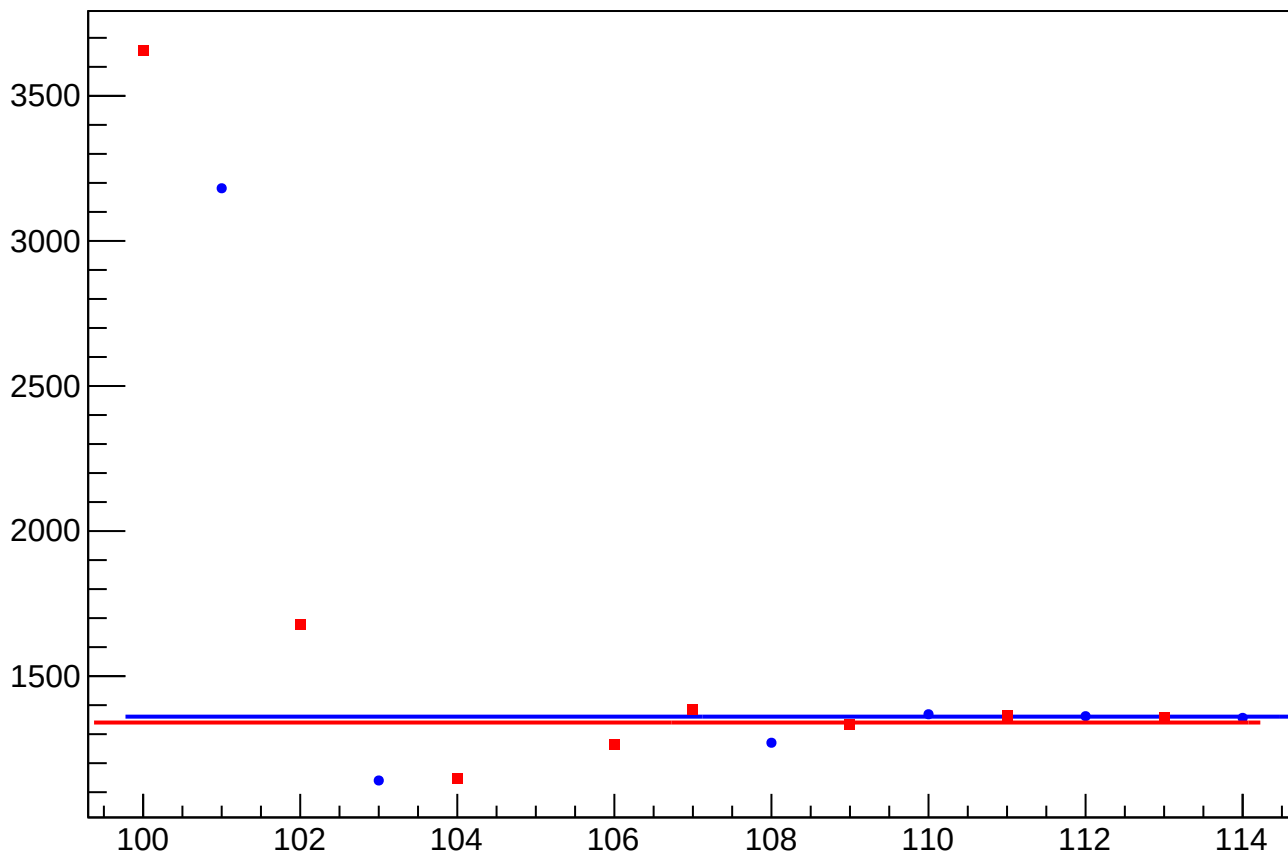
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.077+/-582.944 χ^2/NDF : 10.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1360.402 $\pm$ 0.623 χ^2 /NDF: 476807.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1340.093 $\pm$ 0.550 χ^2 /NDF: 129502.4/7

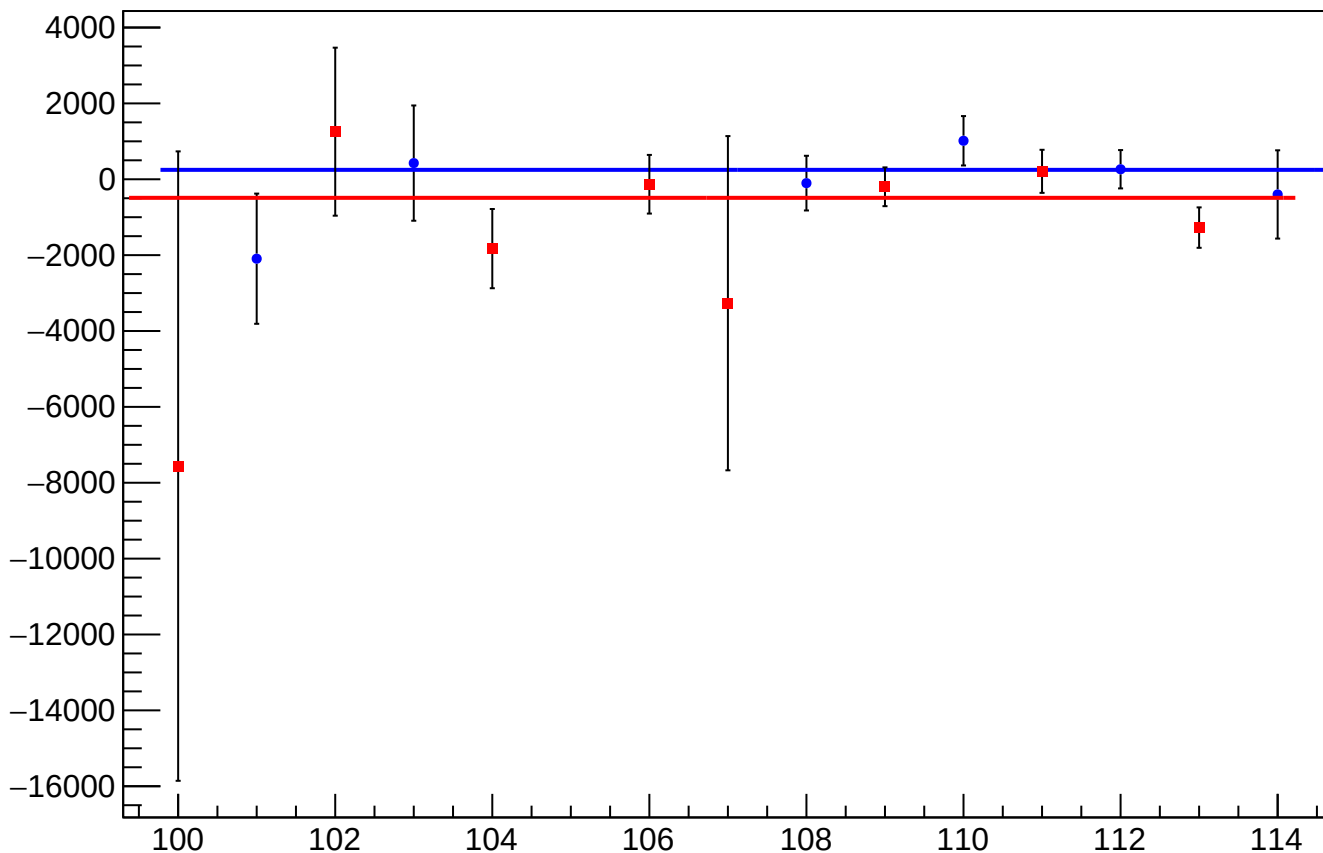
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1348.979 $\pm$ 0.412 χ^2 /NDF: 606907.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: 248.309 $\pm$ 320.917 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -489.238 $\pm$ 274.020 χ^2 /NDF: 7.6/7

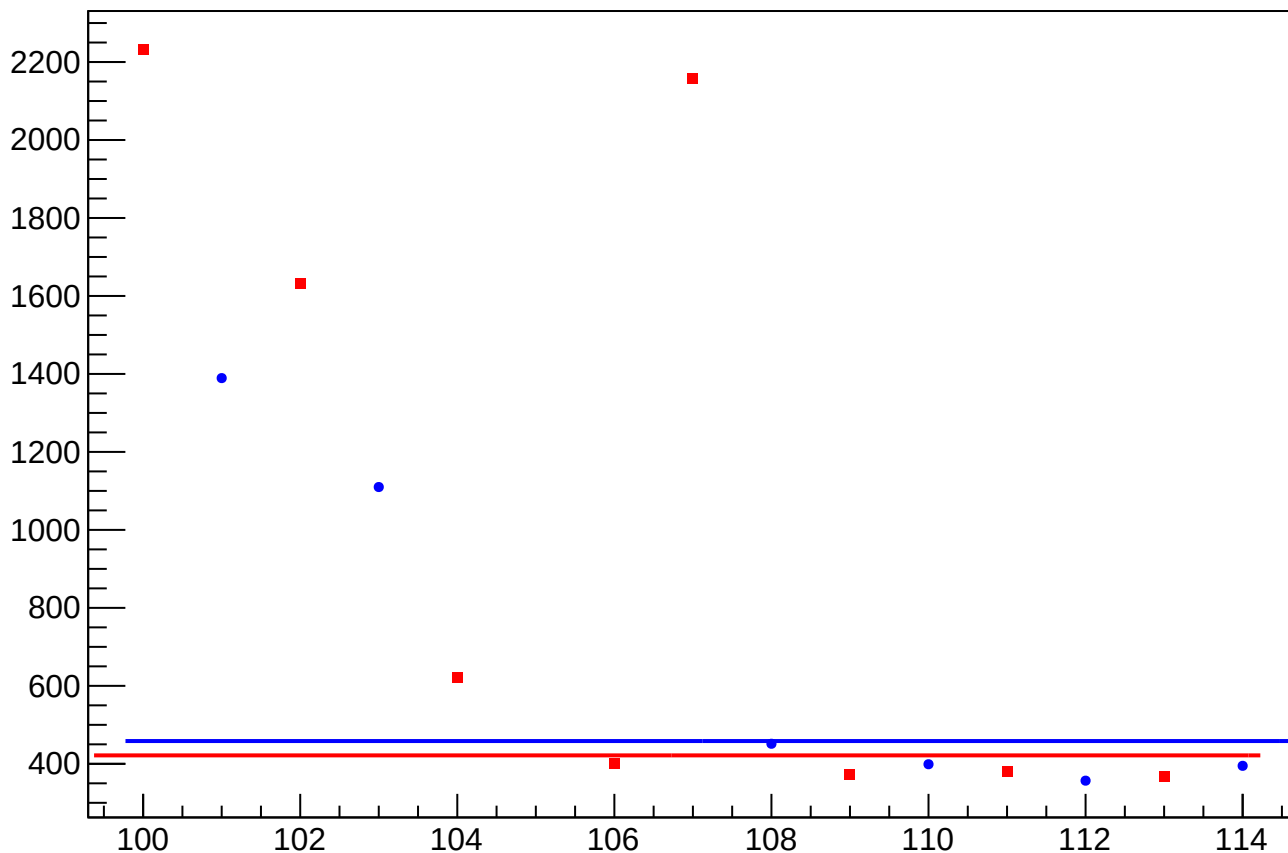
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.244 $\pm$ 208.389 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



Right In: 458.435+/-0.227 χ^2/NDF : 1059914.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.668+/-0.194 χ^2/NDF : 1128319.7/7

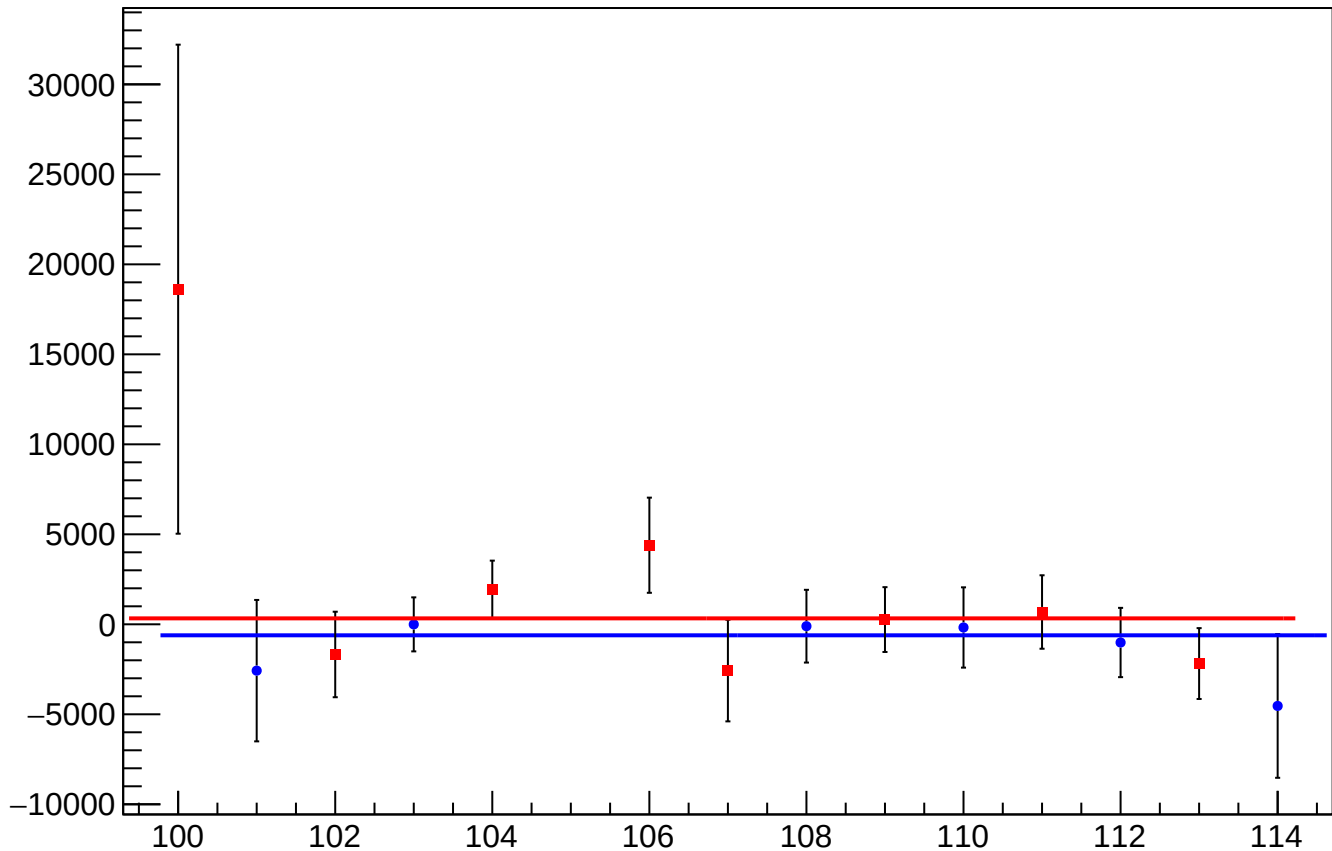
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.171+/-0.147 χ^2/NDF : 2203417.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.426+/-779.434 χ^2/NDF : 8.6/7

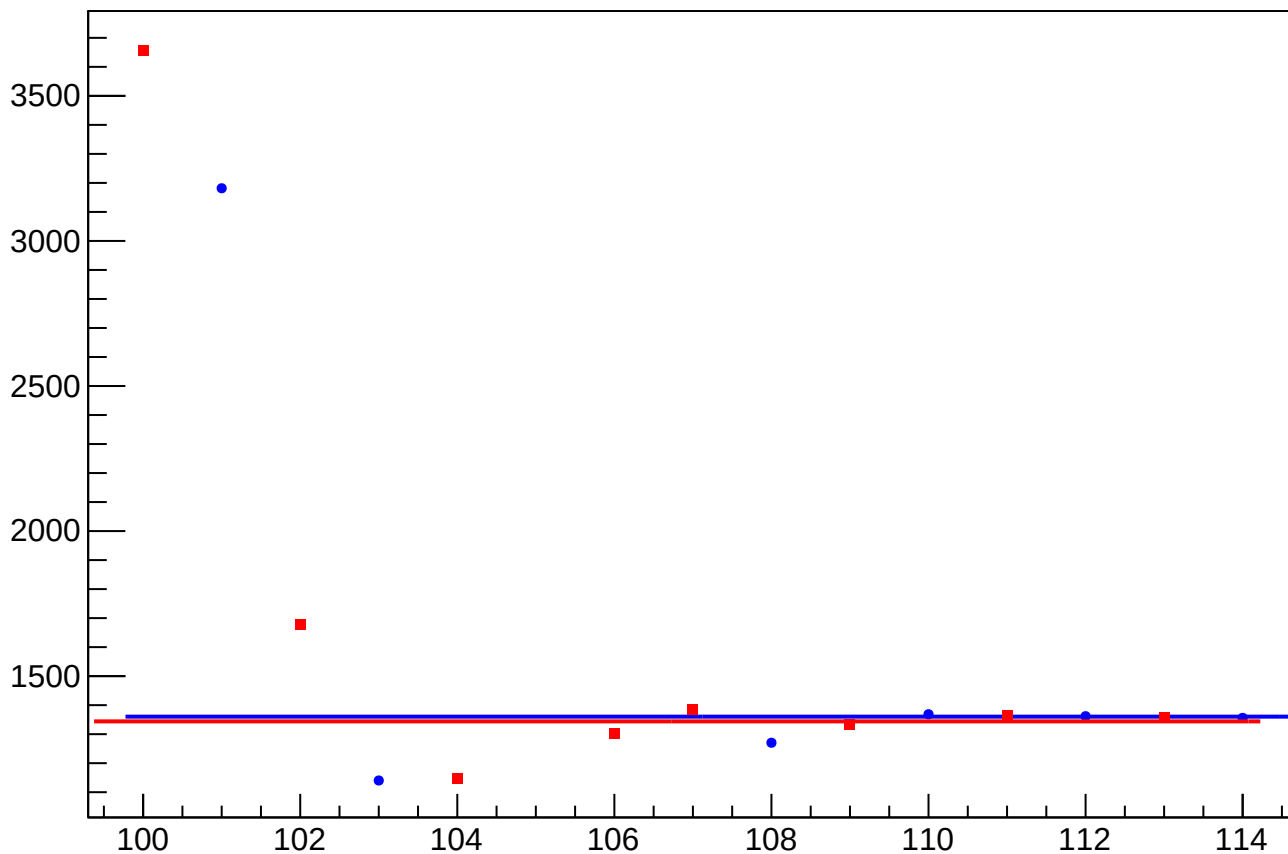
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.584+/-583.848 χ^2/NDF : 10.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1360.402 $\pm$ 0.623 χ^2 /NDF: 476808.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.064 $\pm$ 0.551 χ^2 /NDF: 128020.9/7

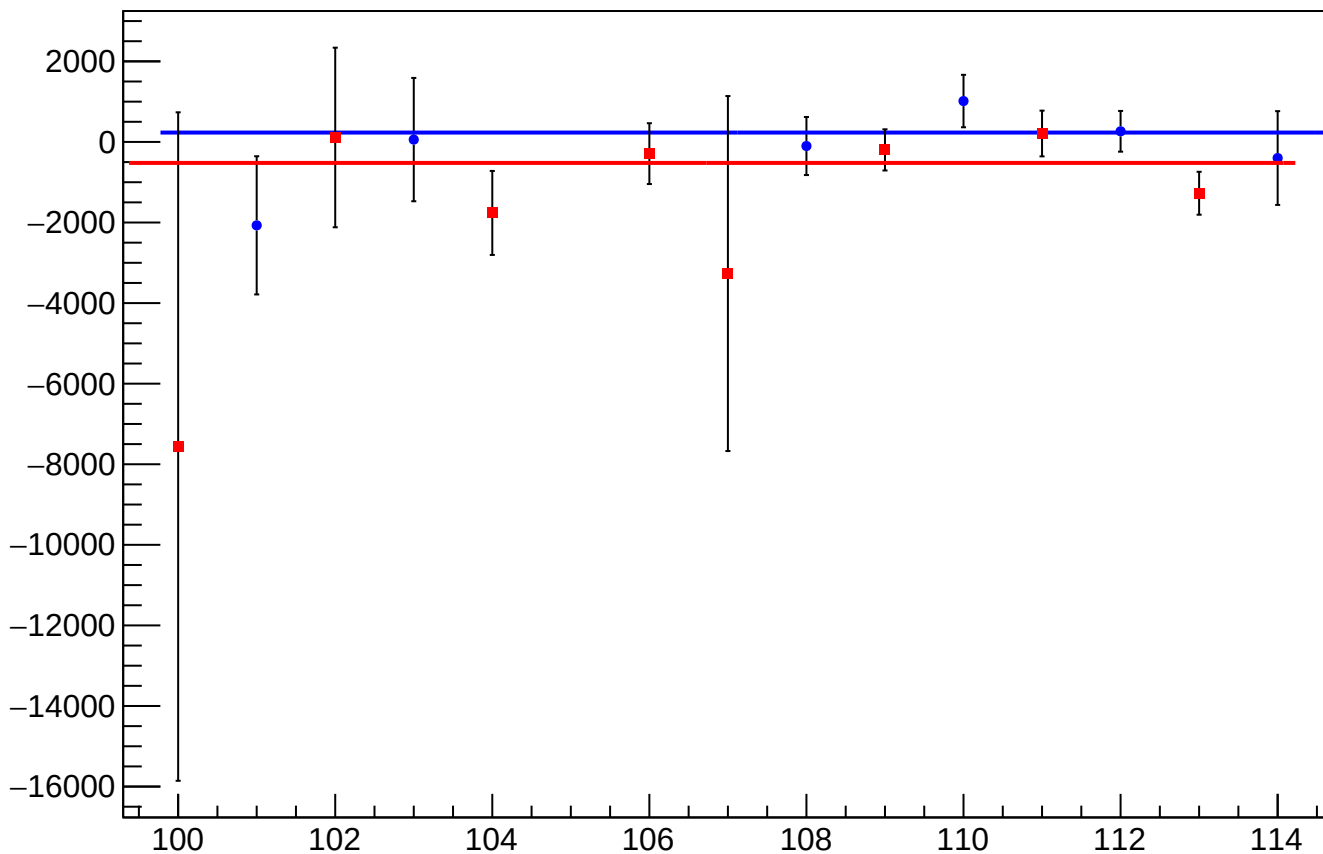
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1351.234 $\pm$ 0.413 χ^2 /NDF: 605215.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug



Right In: 232.773 $\pm$ 321.014 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -520.926 $\pm$ 273.176 χ^2 /NDF: 6.8/7

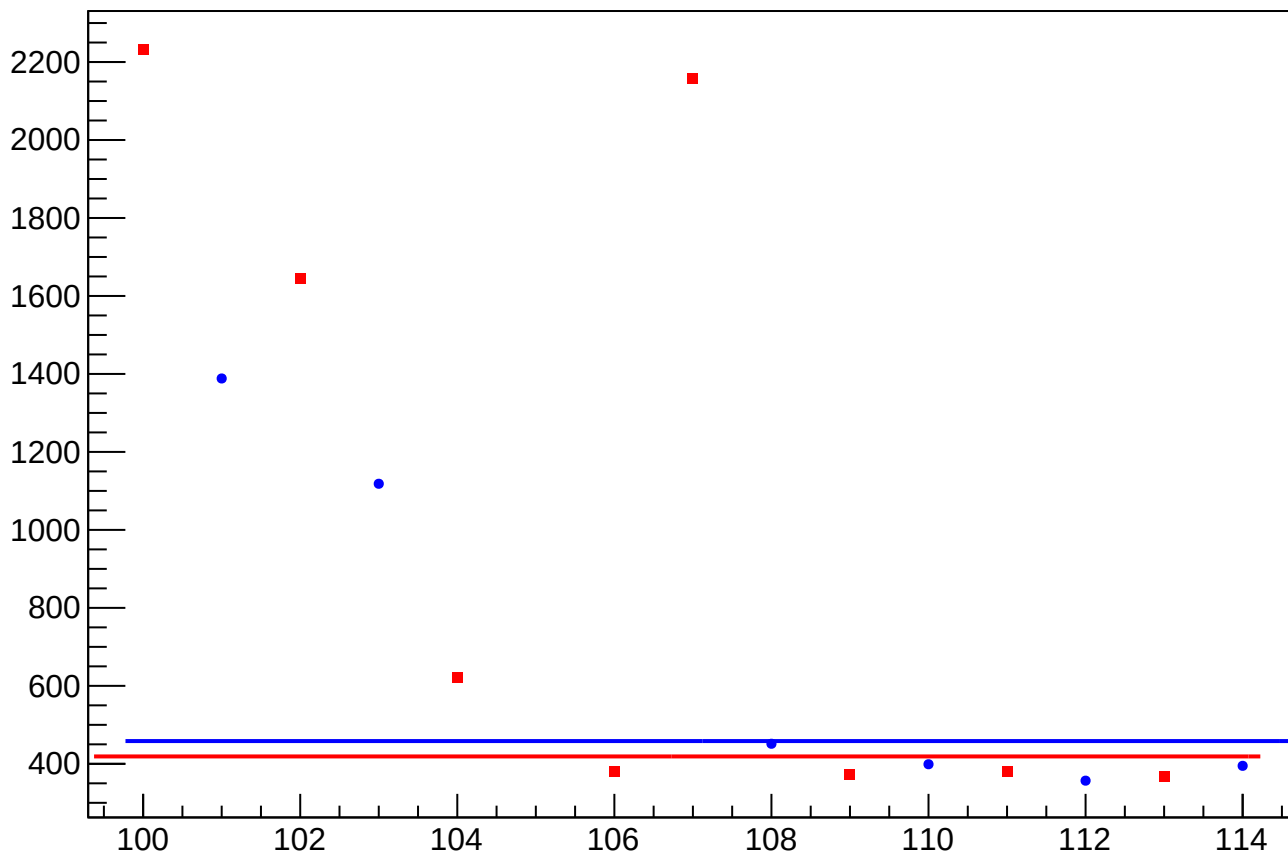
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.365 $\pm$ 208.043 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



Right In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

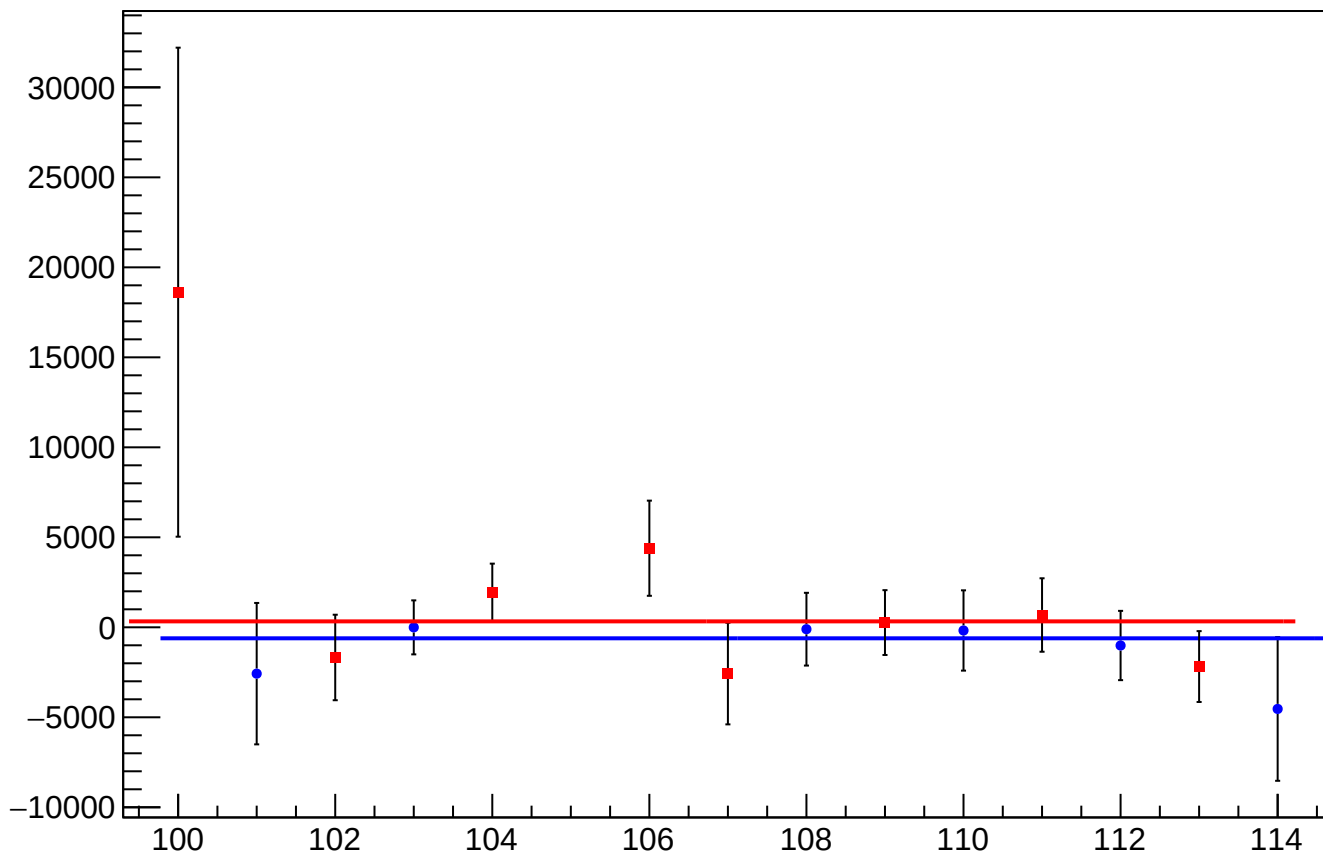
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.426+/-779.434 χ^2/NDF : 8.6/7

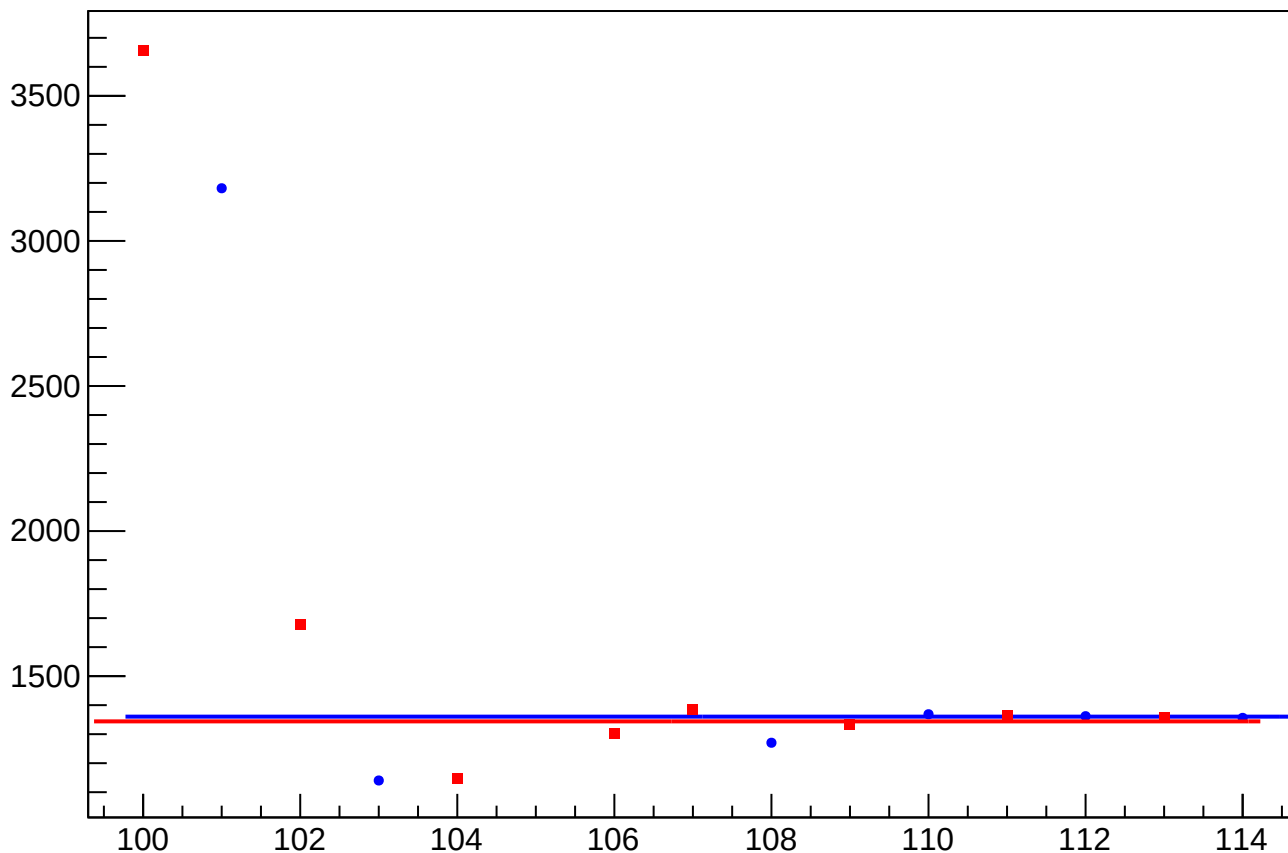
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.584+/-583.848 χ^2/NDF : 10.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1360.402 $\pm$ 0.623 χ^2 /NDF: 476808.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1344.064 $\pm$ 0.551 χ^2 /NDF: 128020.9/7

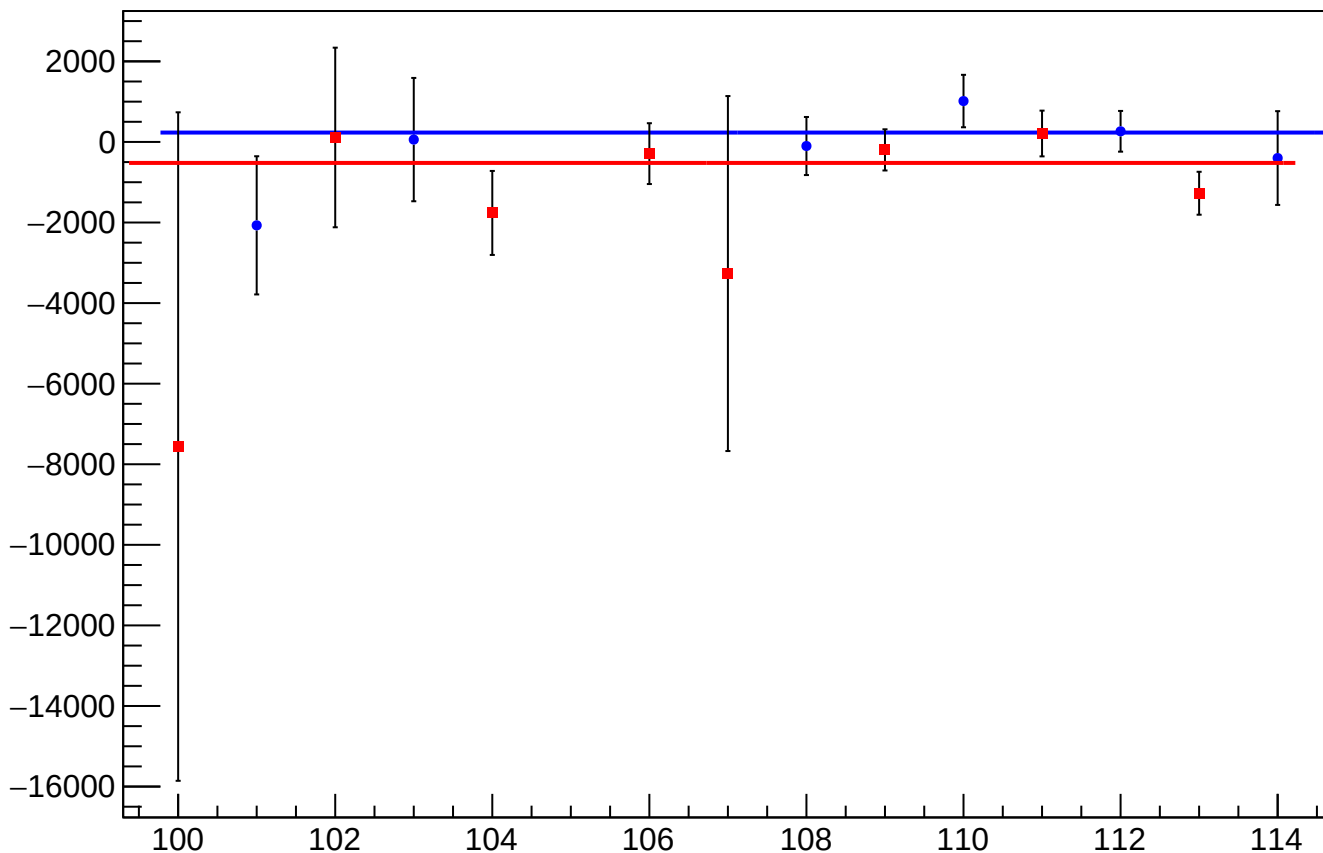
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1351.234 $\pm$ 0.413 χ^2 /NDF: 605215.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 232.773 $\pm$ 321.014 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -520.926 $\pm$ 273.176 χ^2 /NDF: 6.8/7

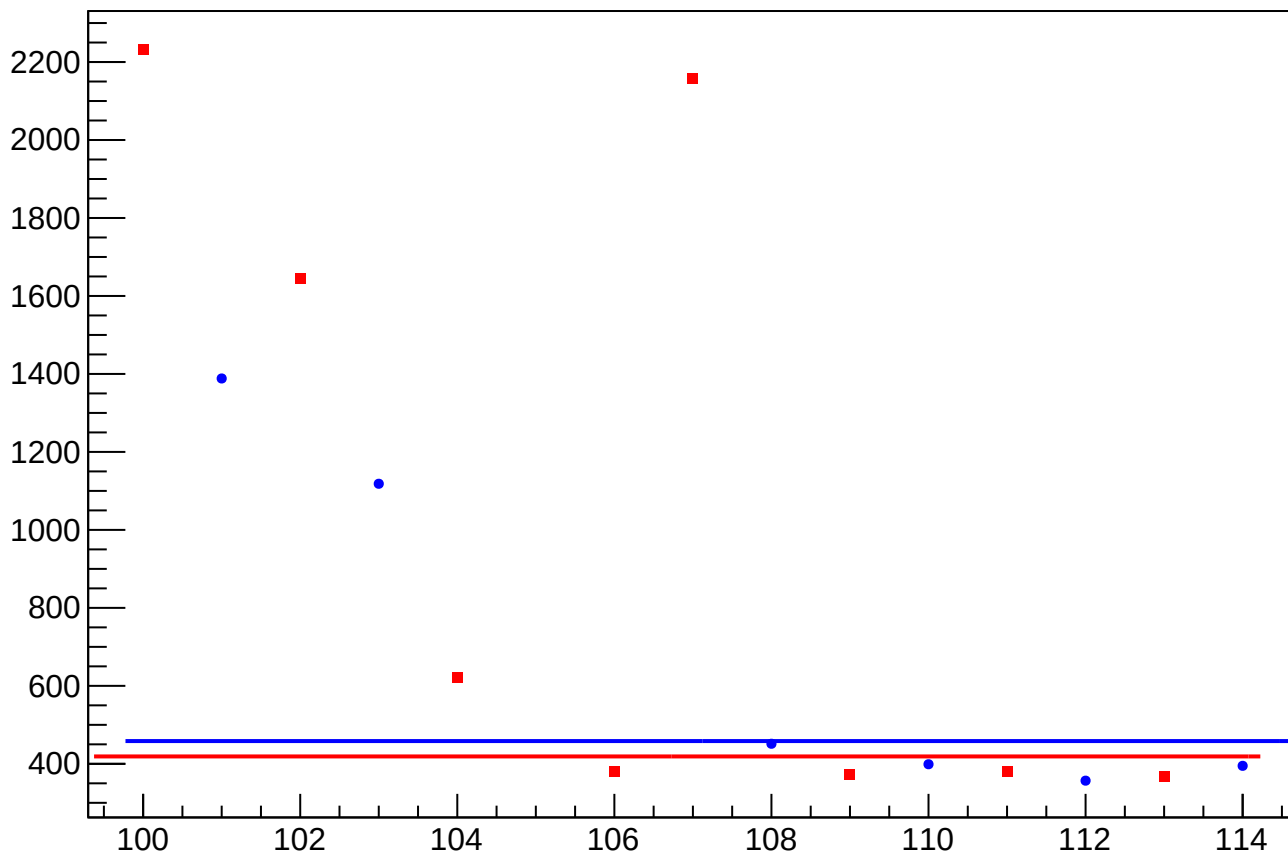
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.365 $\pm$ 208.043 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

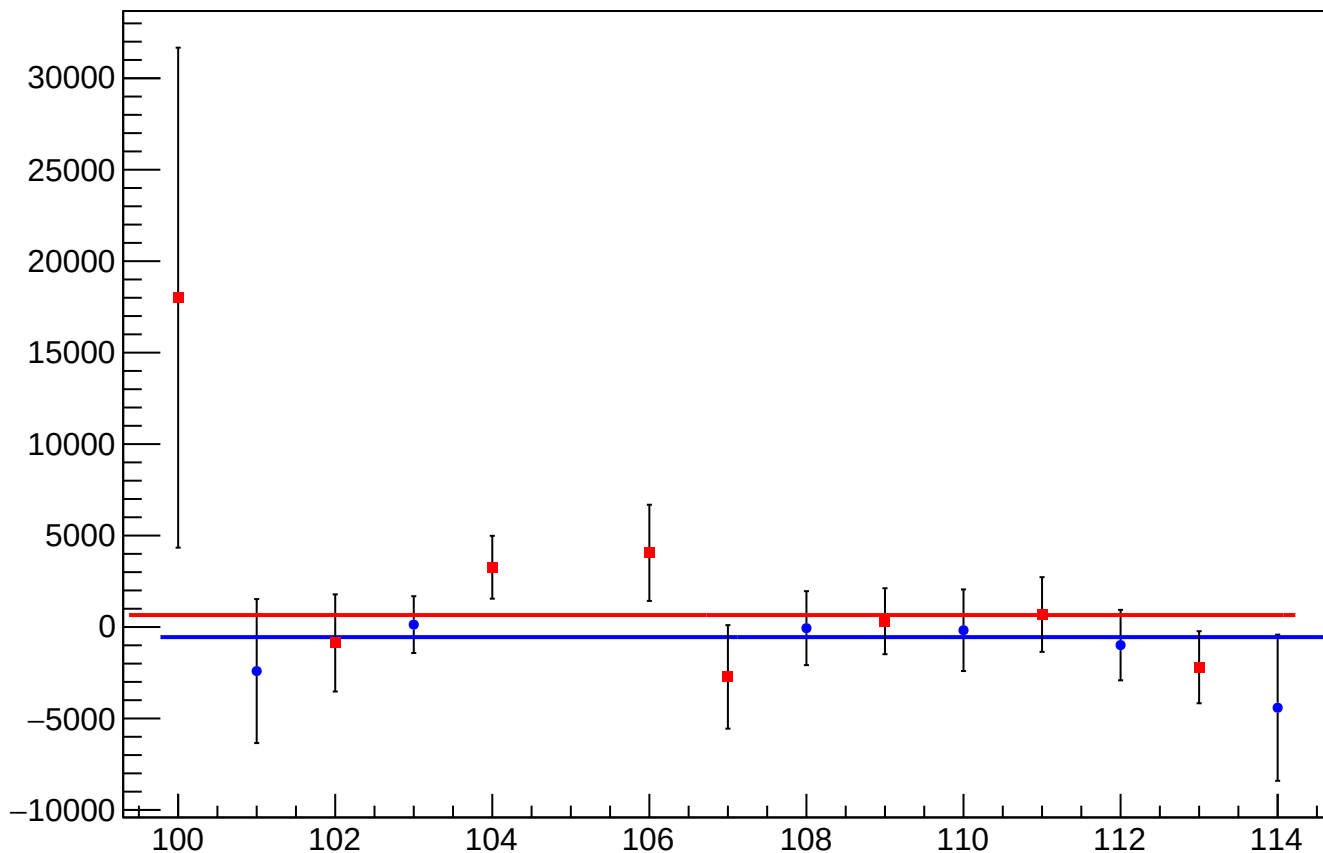
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -552.167+/-892.001 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.622+/-800.366 χ^2/NDF : 9.5/7

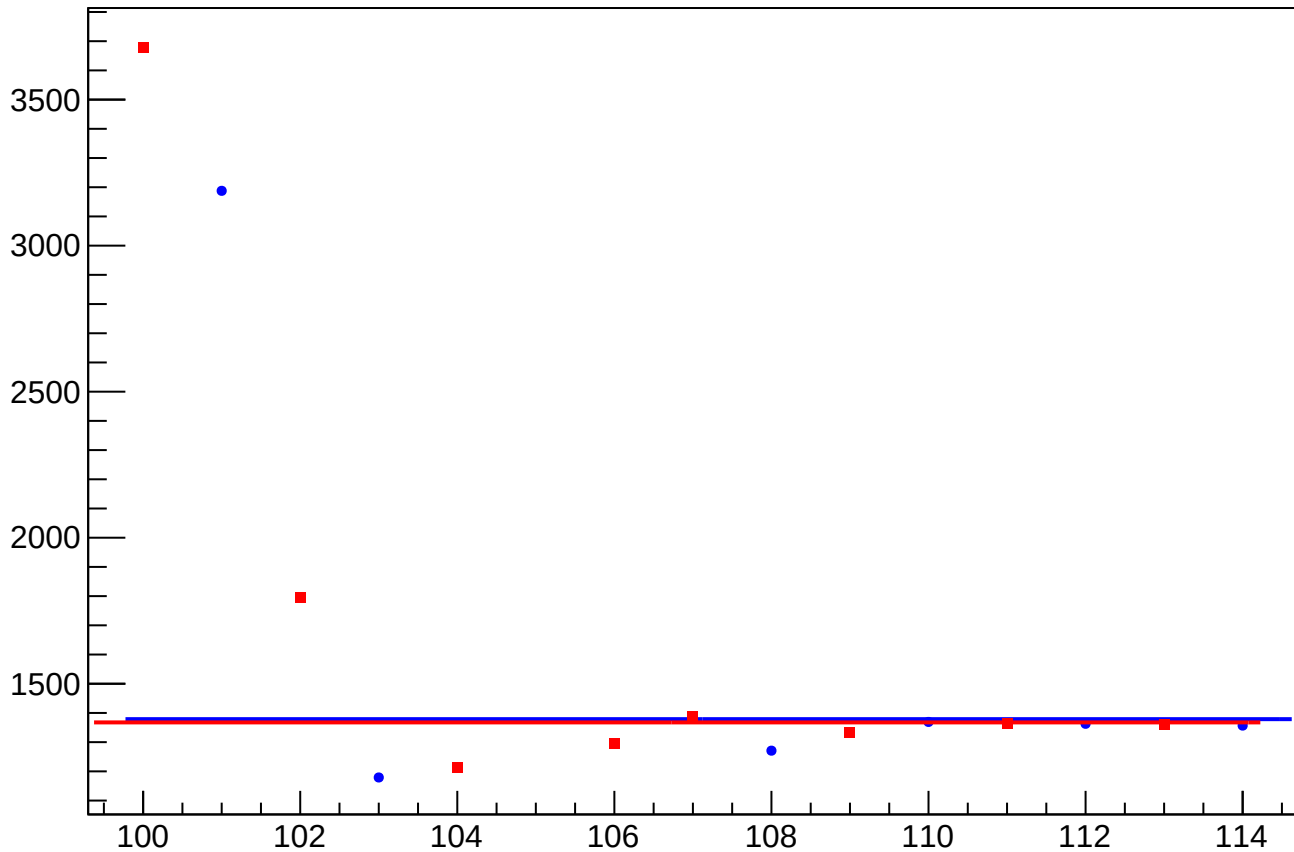
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.379+/-595.715 χ^2/NDF : 12.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1378.751+/-0.631 χ^2/NDF : 461381.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

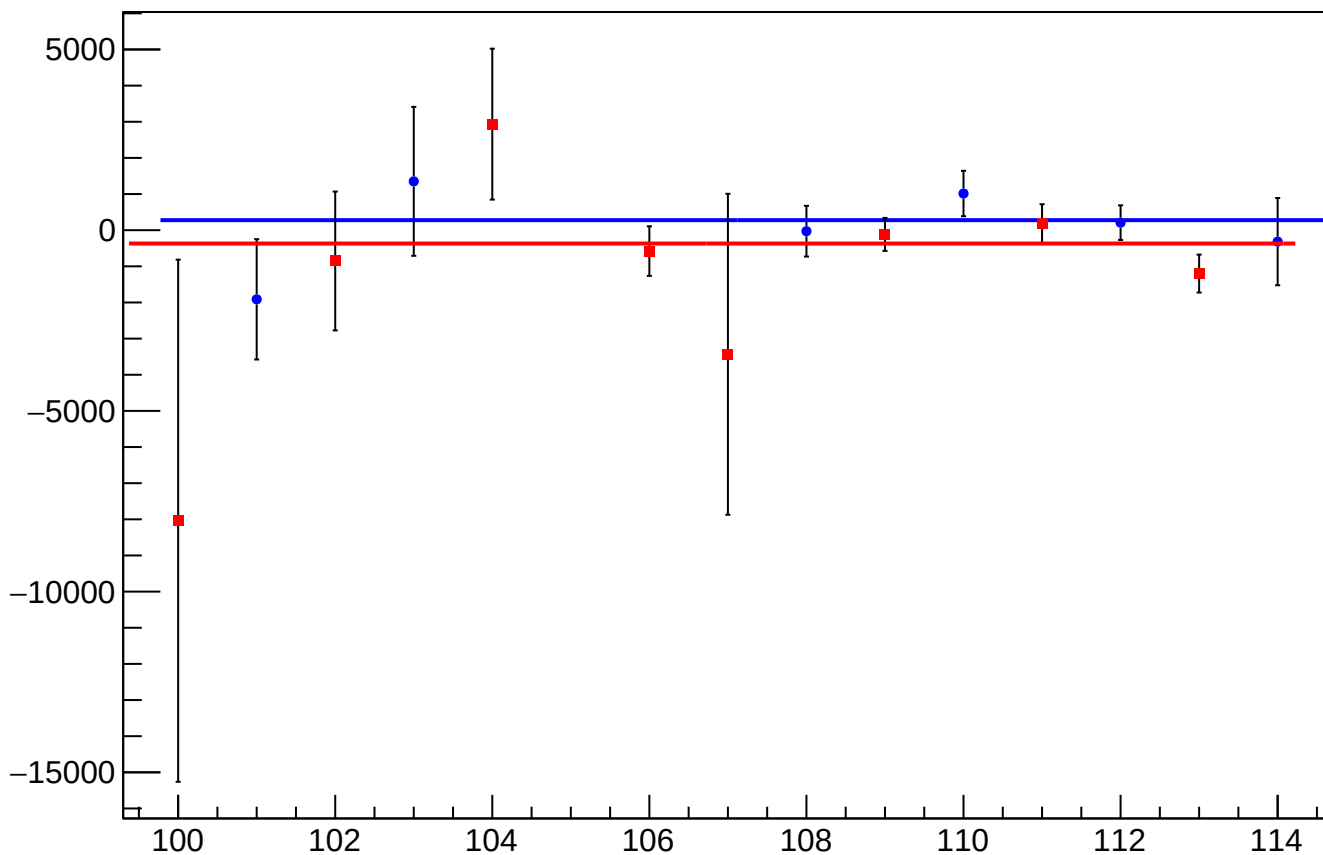
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: 277.332 $\pm$ 313.316 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -368.627 $\pm$ 261.399 χ^2 /NDF: 8.2/7

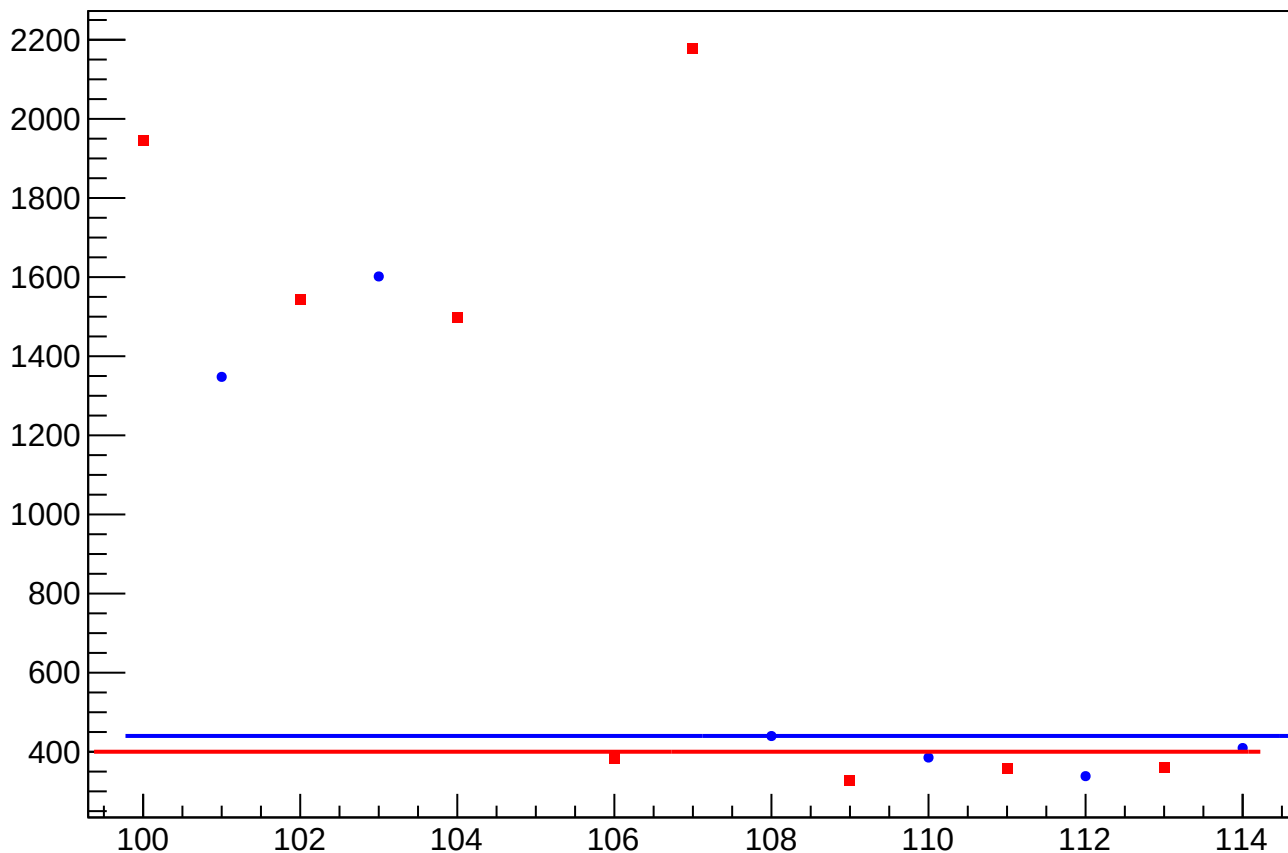
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.528 $\pm$ 200.717 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug



Right In: 440.104+/-0.222 χ^2/NDF : 1336450.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.180+/-0.185 χ^2/NDF : 1750225.1/7

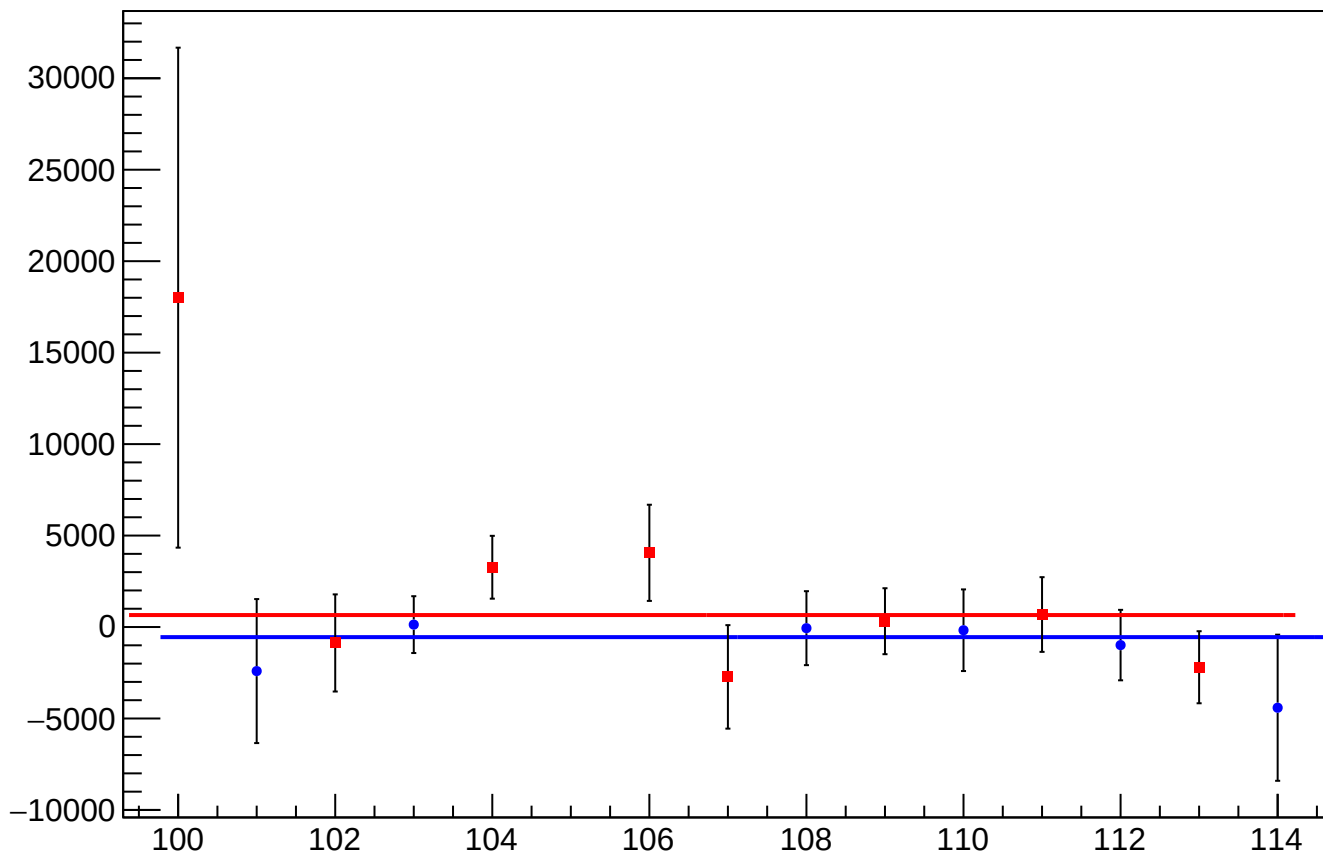
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.564+/-0.142 χ^2/NDF : 3105822.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -552.165+/-892.001 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.623+/-800.366 χ^2/NDF : 9.5/7

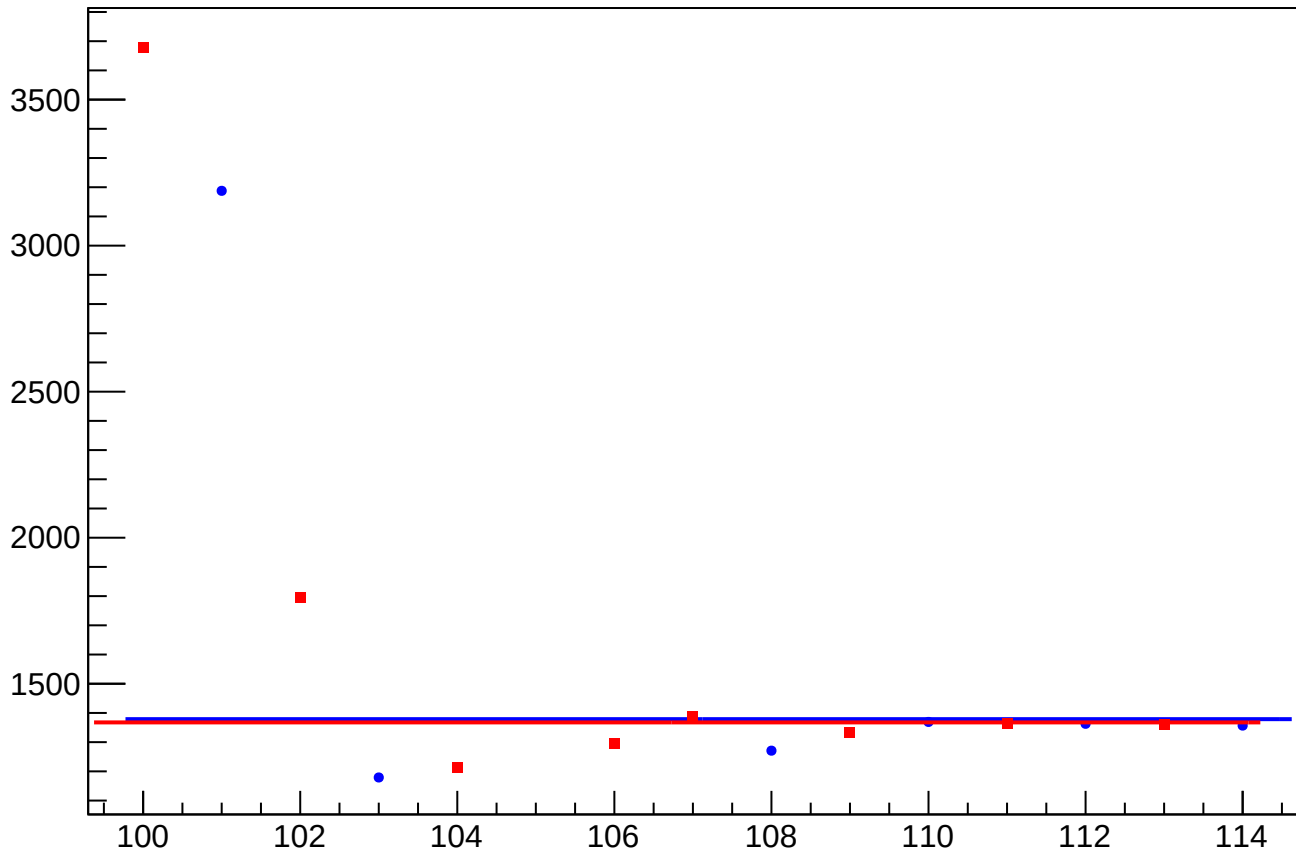
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.381+/-595.715 χ^2/NDF : 12.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1378.751+/-0.631 χ^2/NDF : 461381.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

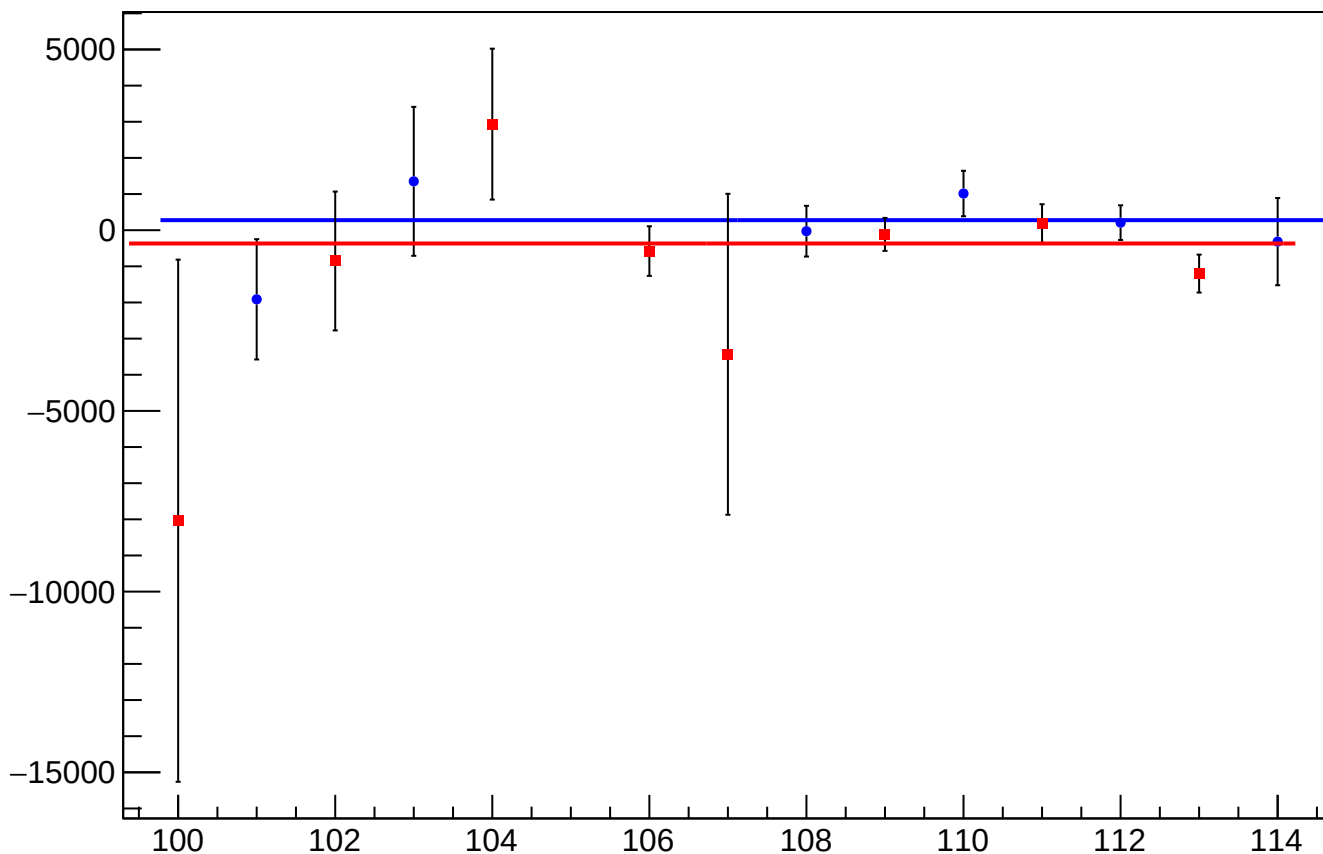
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 277.332 $\pm$ 313.314 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -368.626 $\pm$ 261.398 χ^2 /NDF: 8.2/7

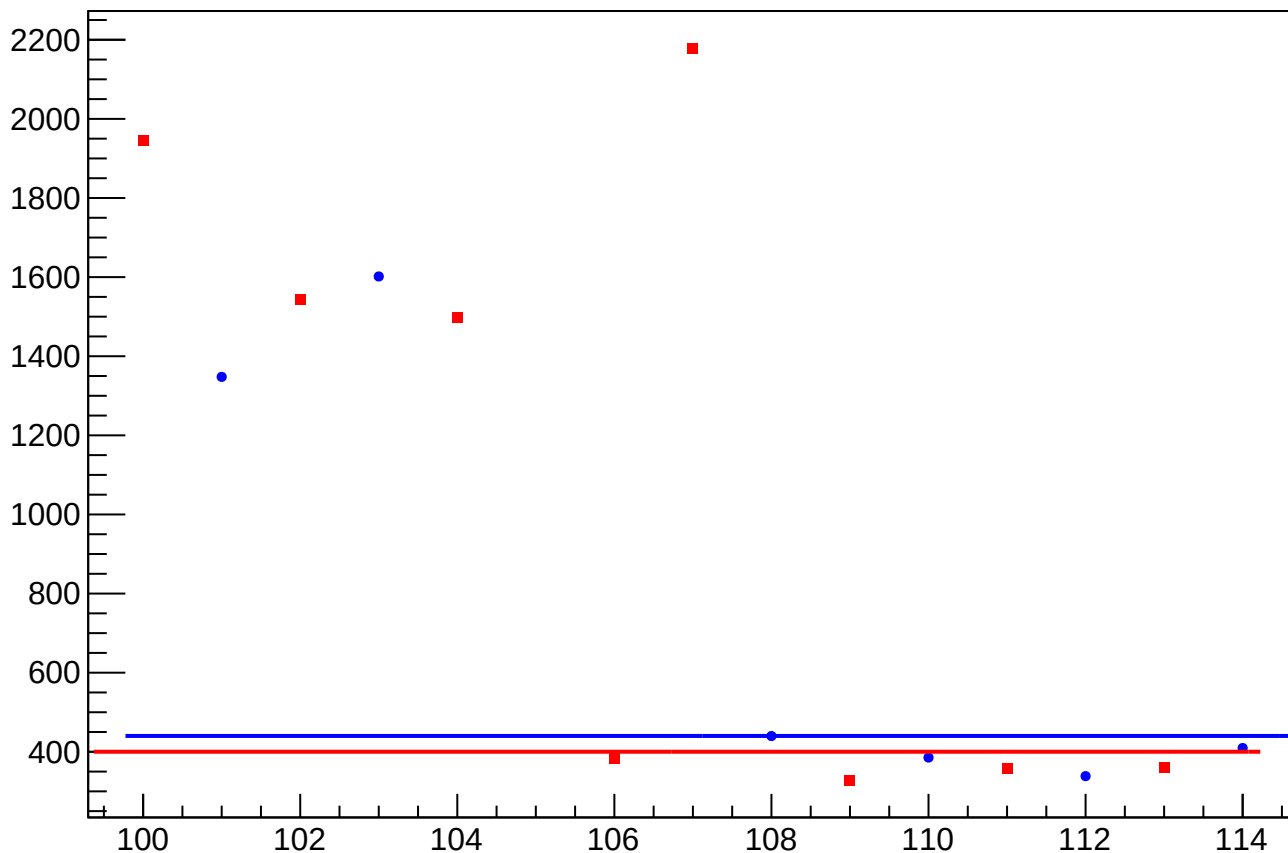
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.527 $\pm$ 200.716 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 440.101+/-0.222 χ^2/NDF : 1336453.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.178+/-0.185 χ^2/NDF : 1750229.8/7

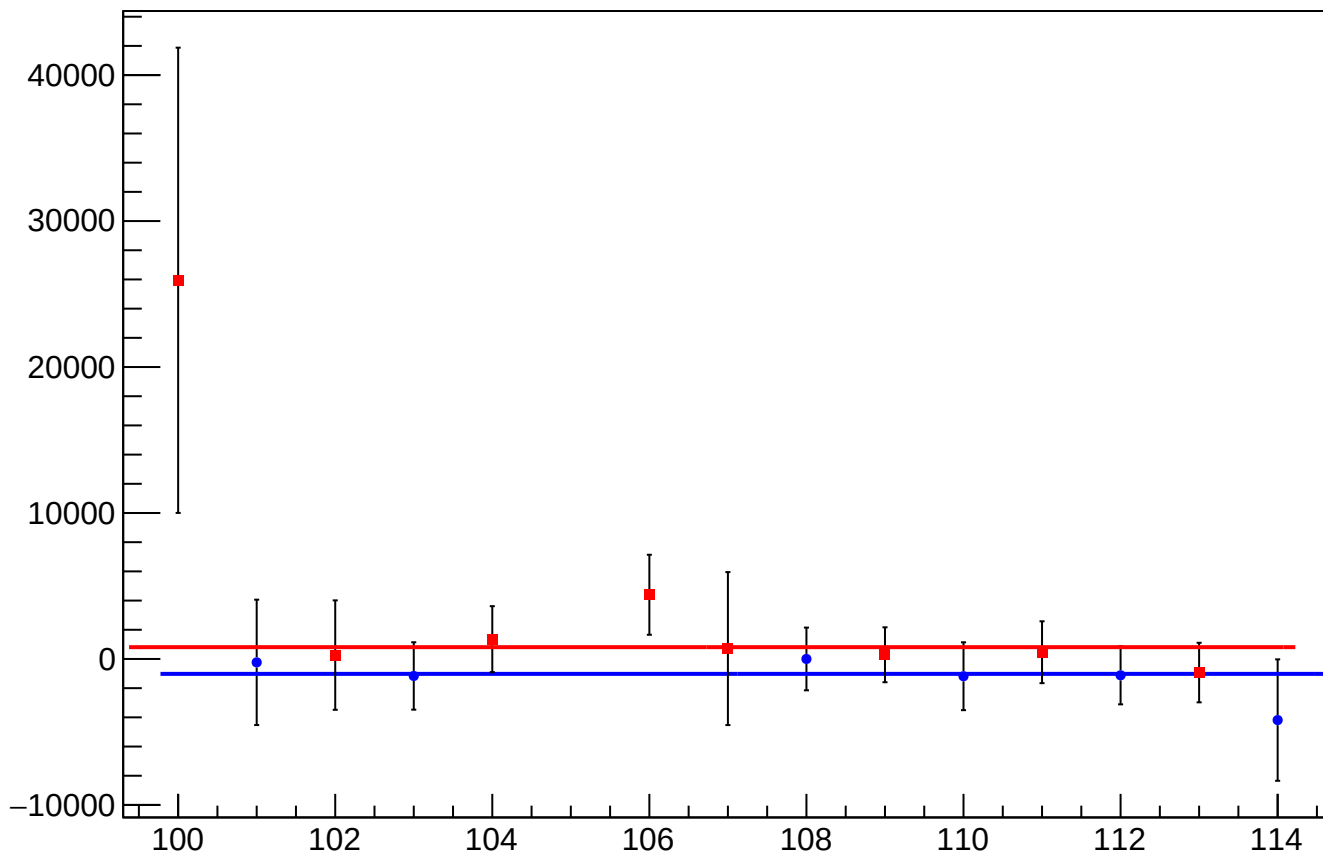
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.562+/-0.142 χ^2/NDF : 3105828.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -1021.278+/-1024.116 χ^2/NDF : 0.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 808.483+/-918.280 χ^2/NDF : 5.1/7

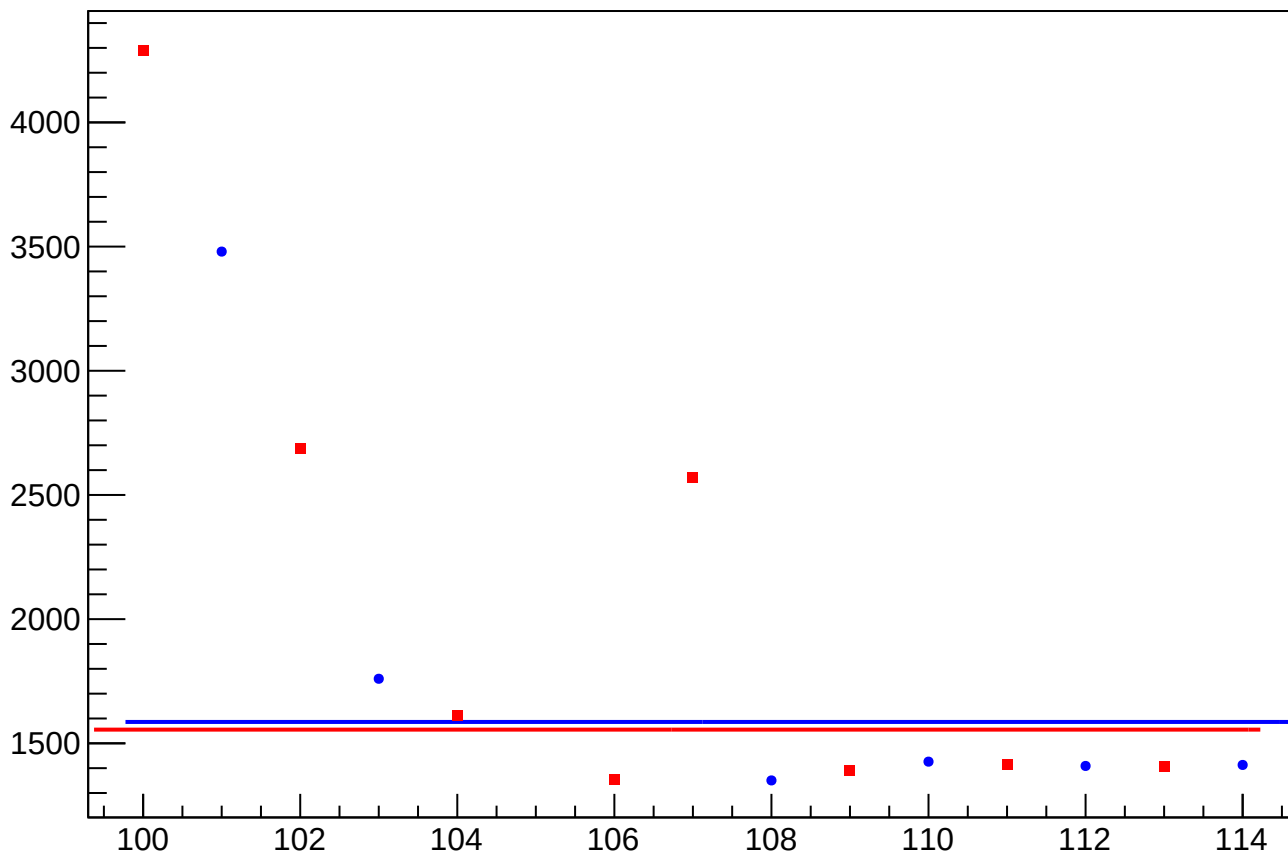
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.994+/-683.688 χ^2/NDF : 7.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1586.086+/-0.724 χ^2/NDF : 452845.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.172+/-0.649 χ^2/NDF : 362313.6/7

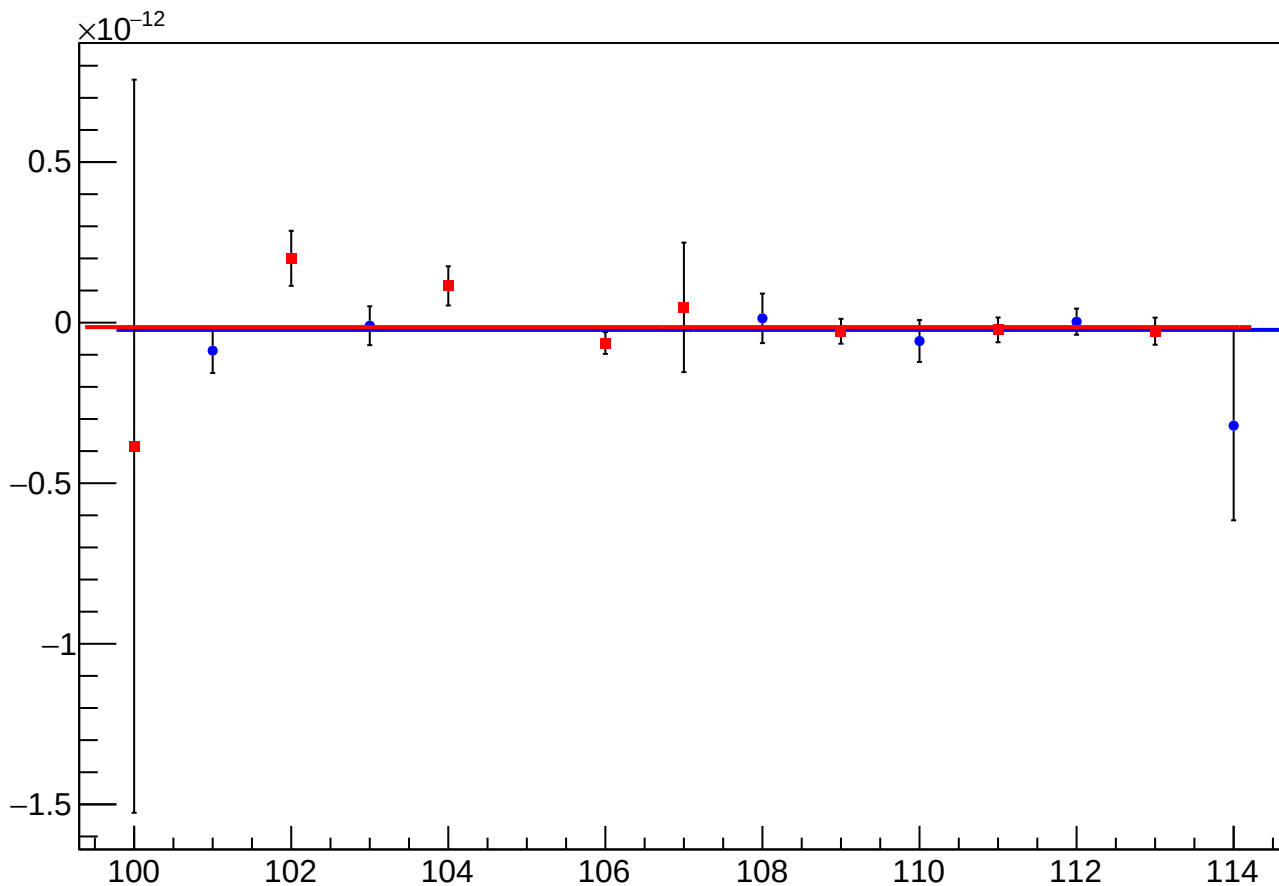
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.950+/-0.483 χ^2/NDF : 816168.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.2/7

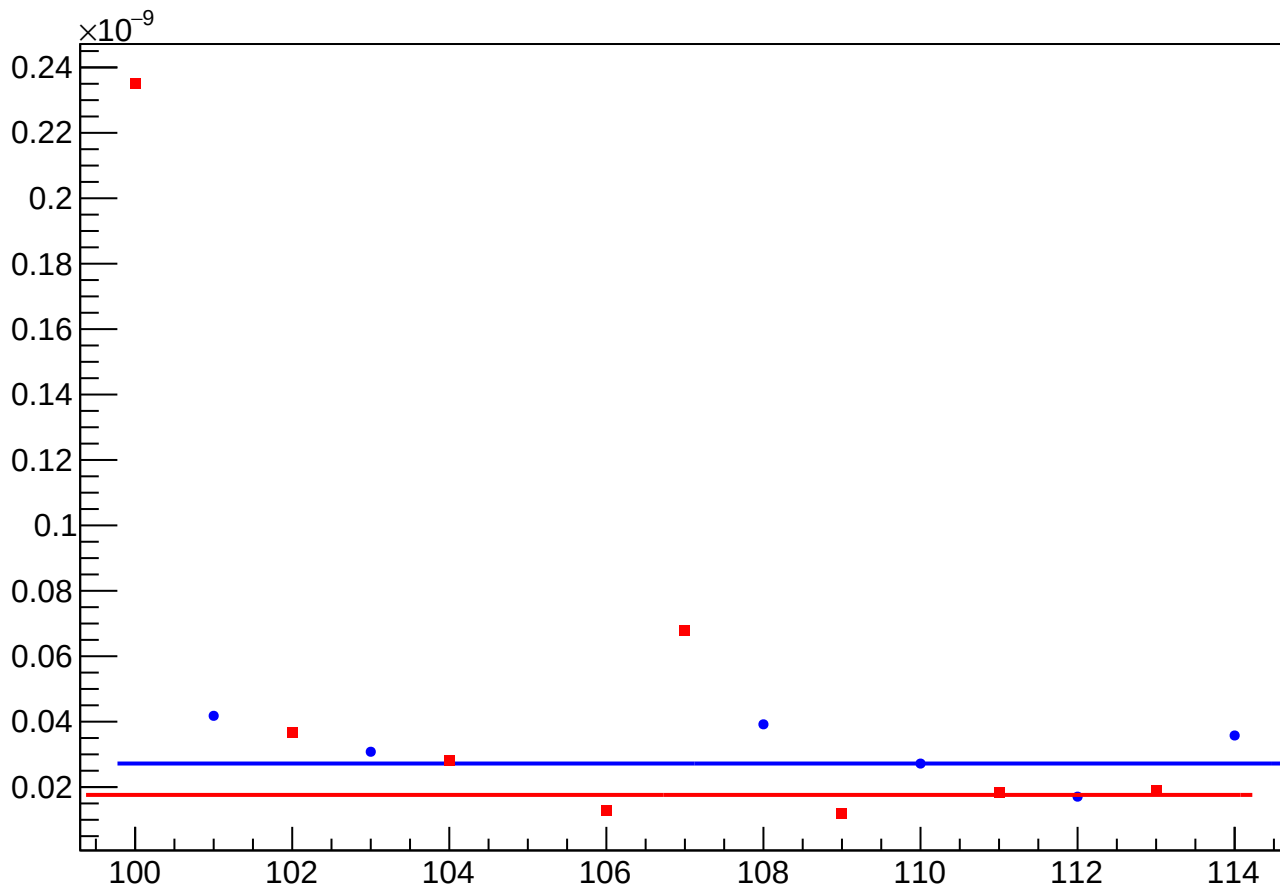
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 269135.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 443623.6/7

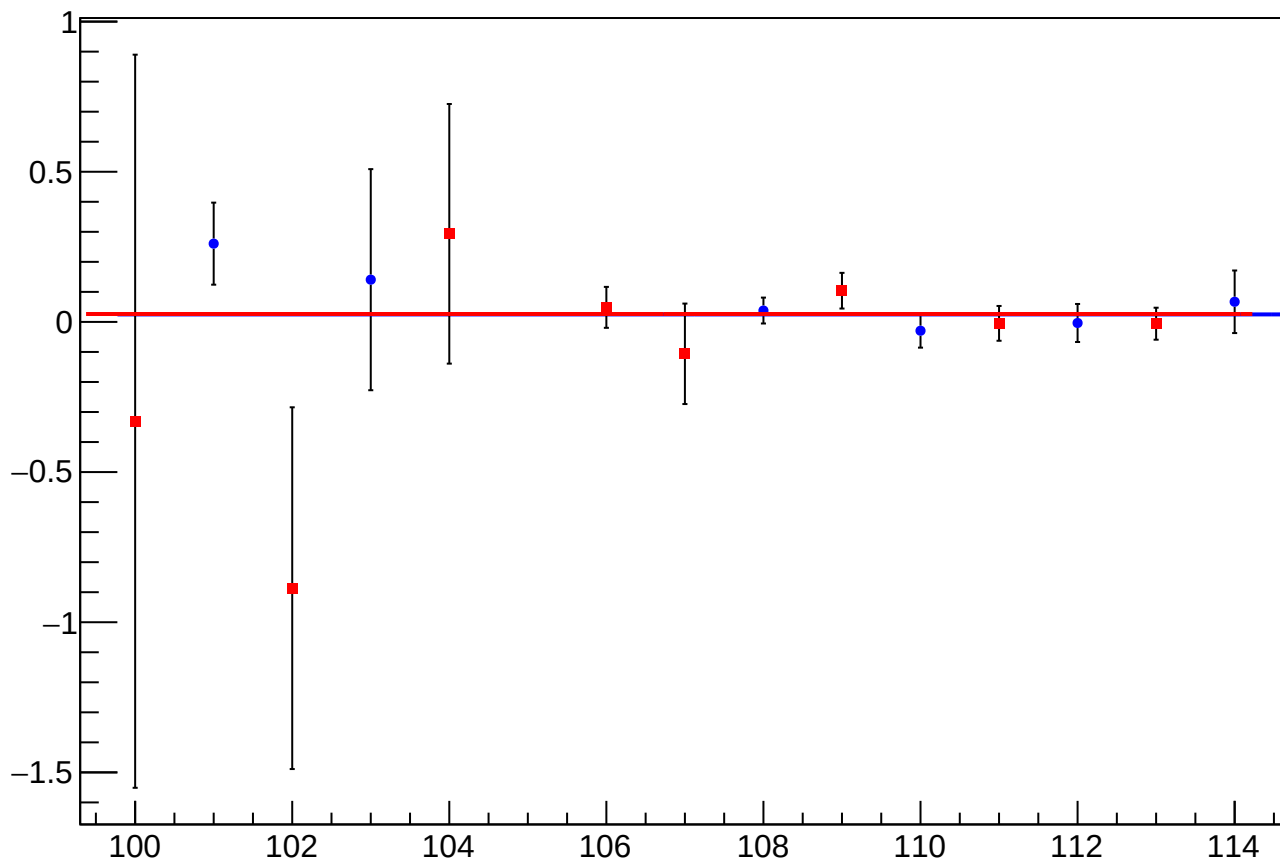
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 900754.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

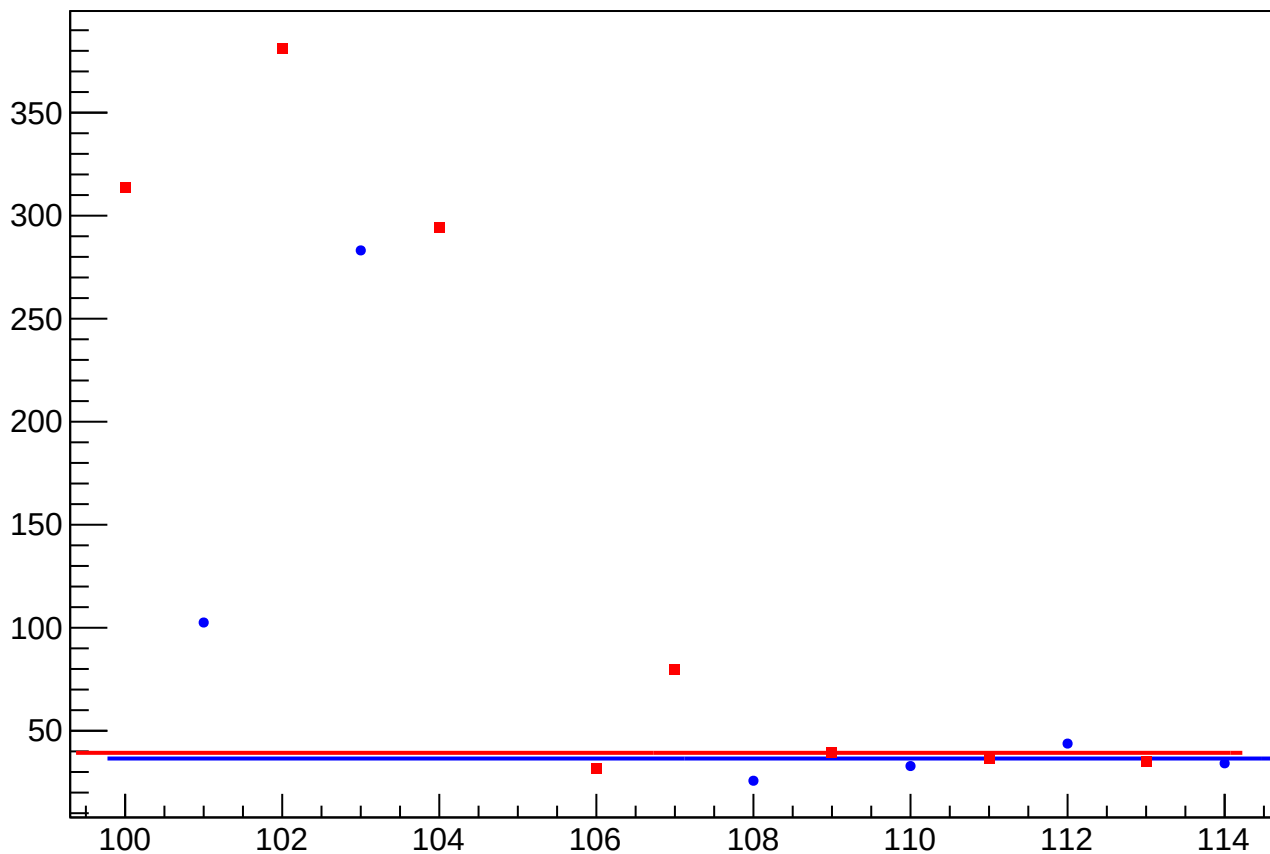
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 36.536 $\pm$ 0.020 χ^2 /NDF: 1525260.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.301 $\pm$ 0.020 χ^2 /NDF: 1599394.5/7

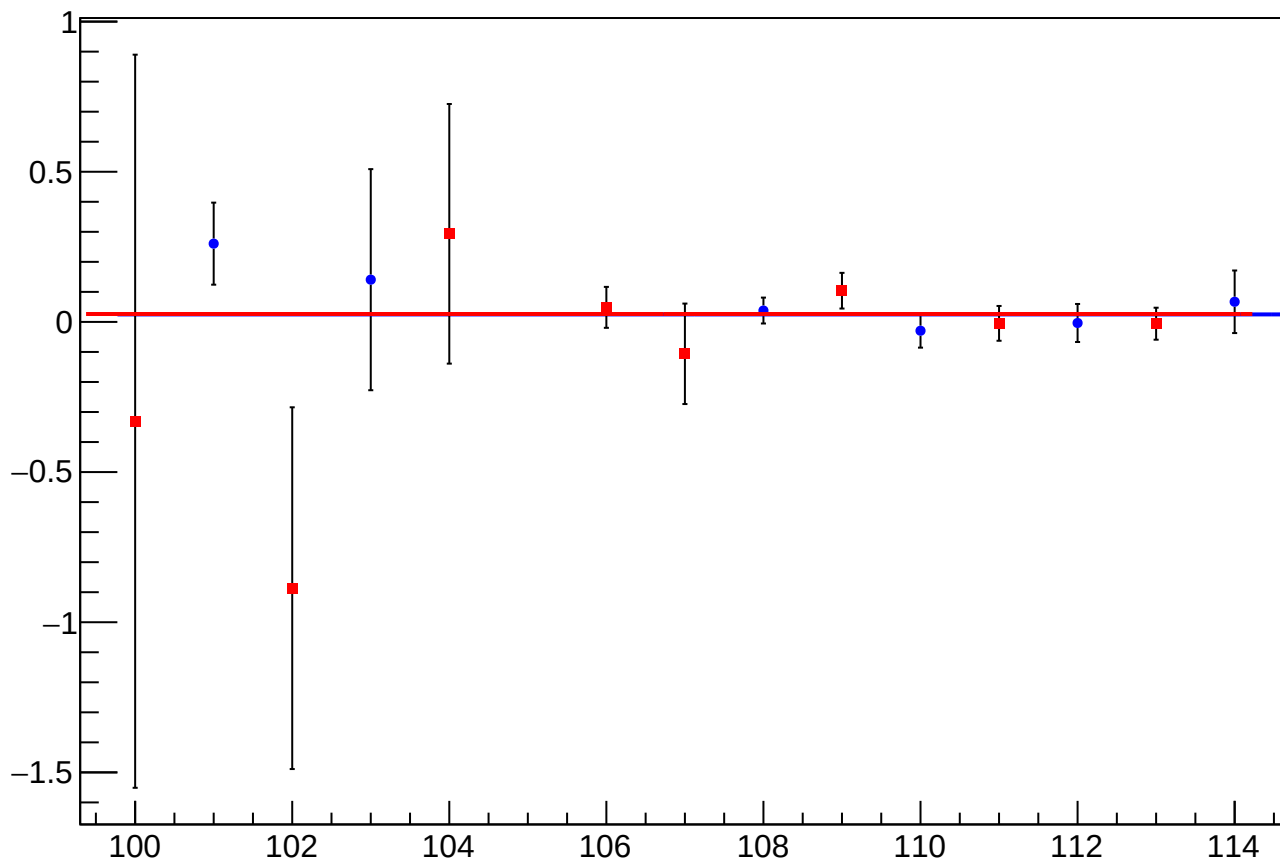
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.883 $\pm$ 0.014 χ^2 /NDF: 3134010.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

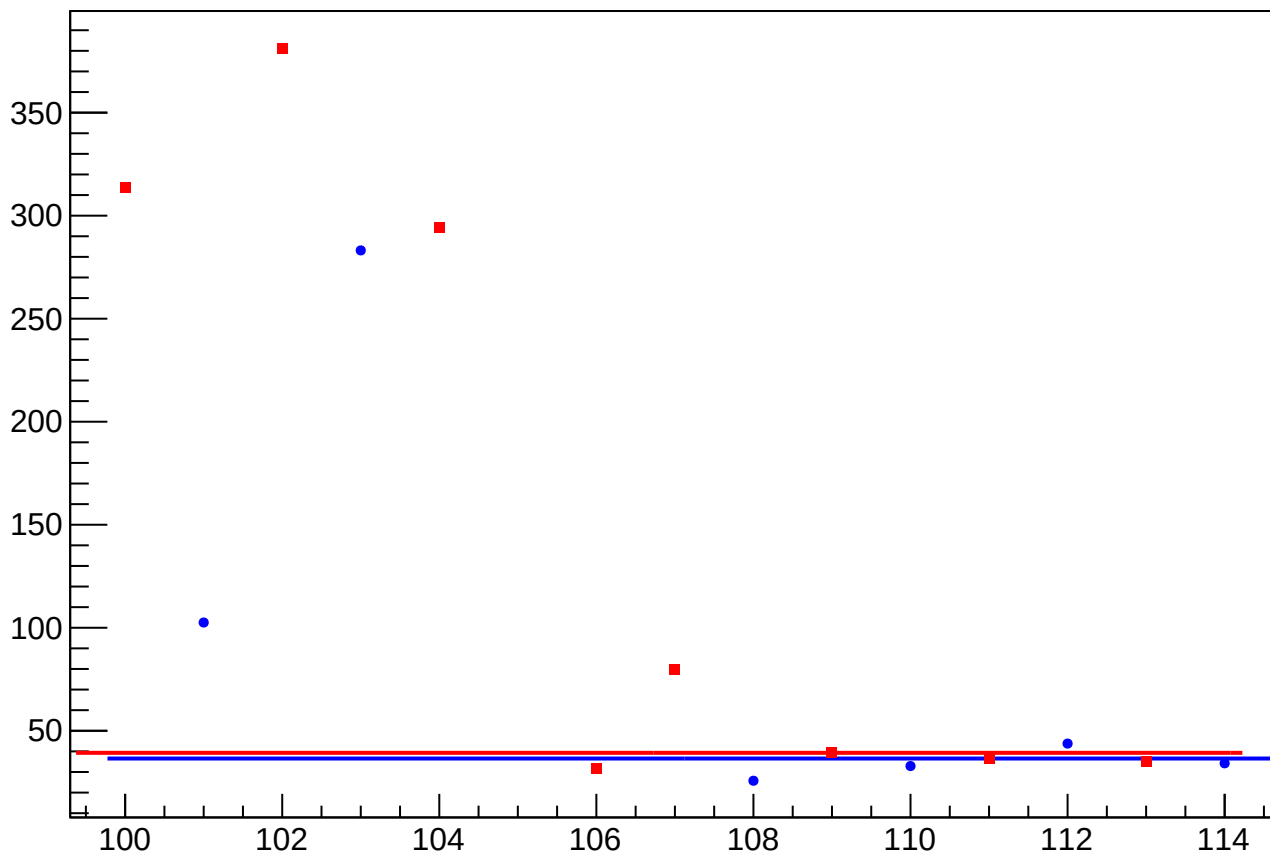
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.536+/-0.020 χ^2/NDF : 1525260.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.301+/-0.020 χ^2/NDF : 1599394.5/7

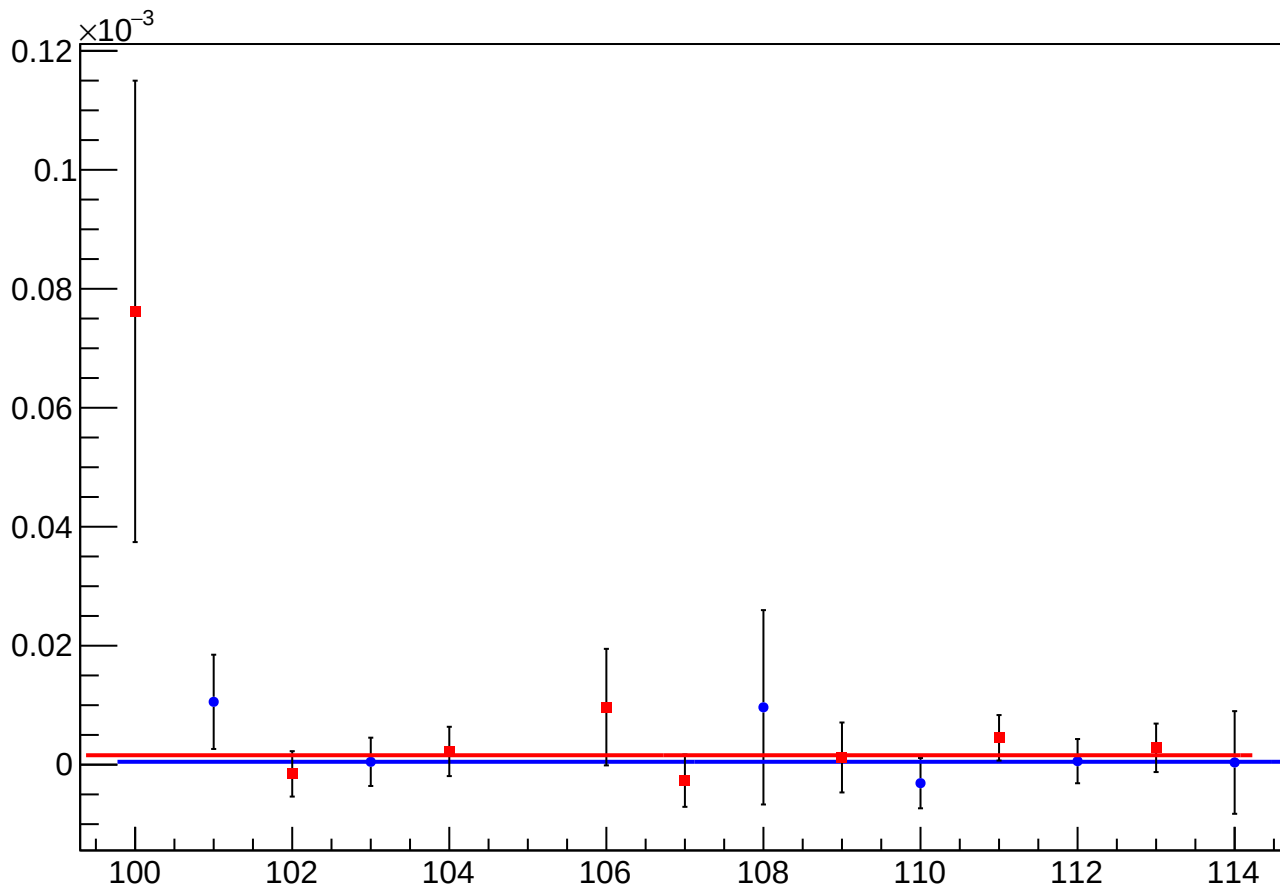
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/7

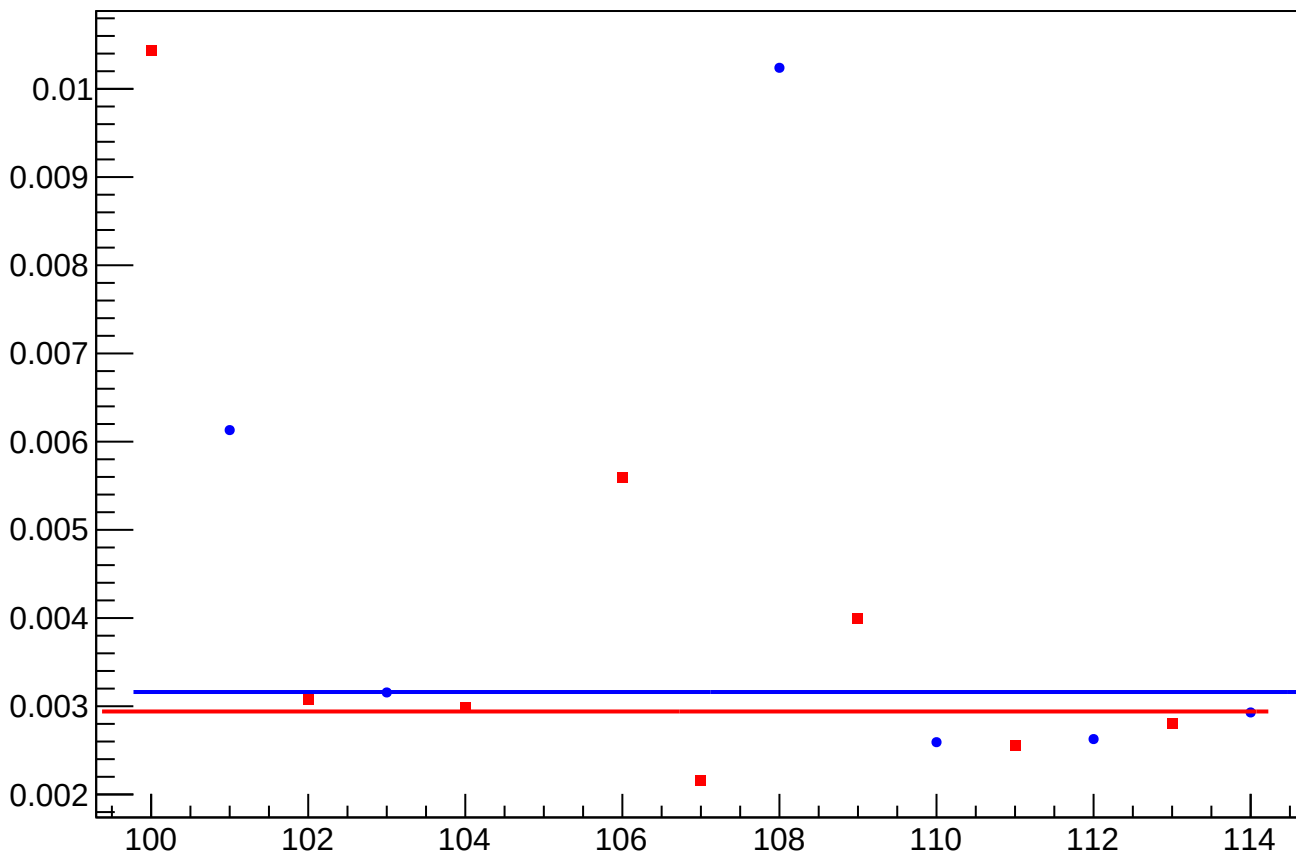
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 735143.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 373938.5/7

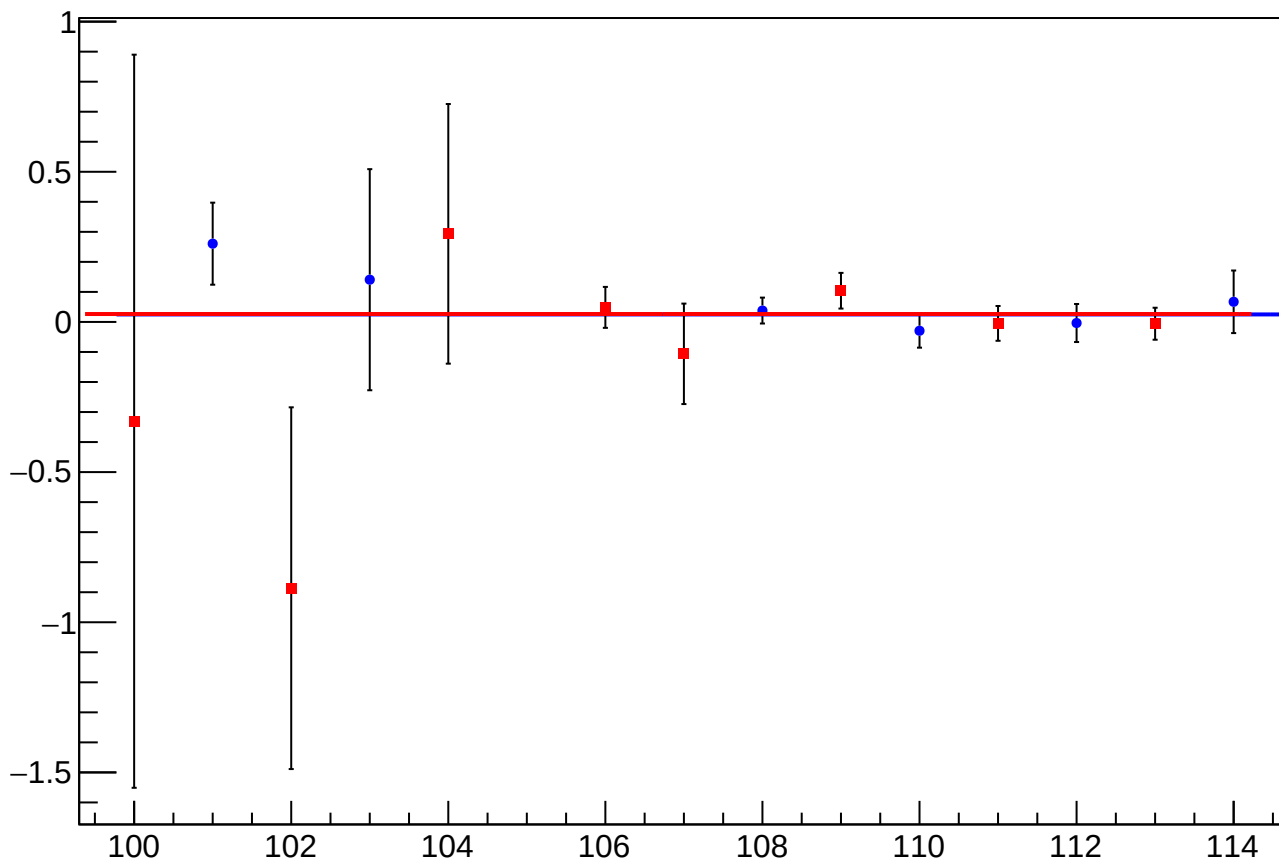
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1122286.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

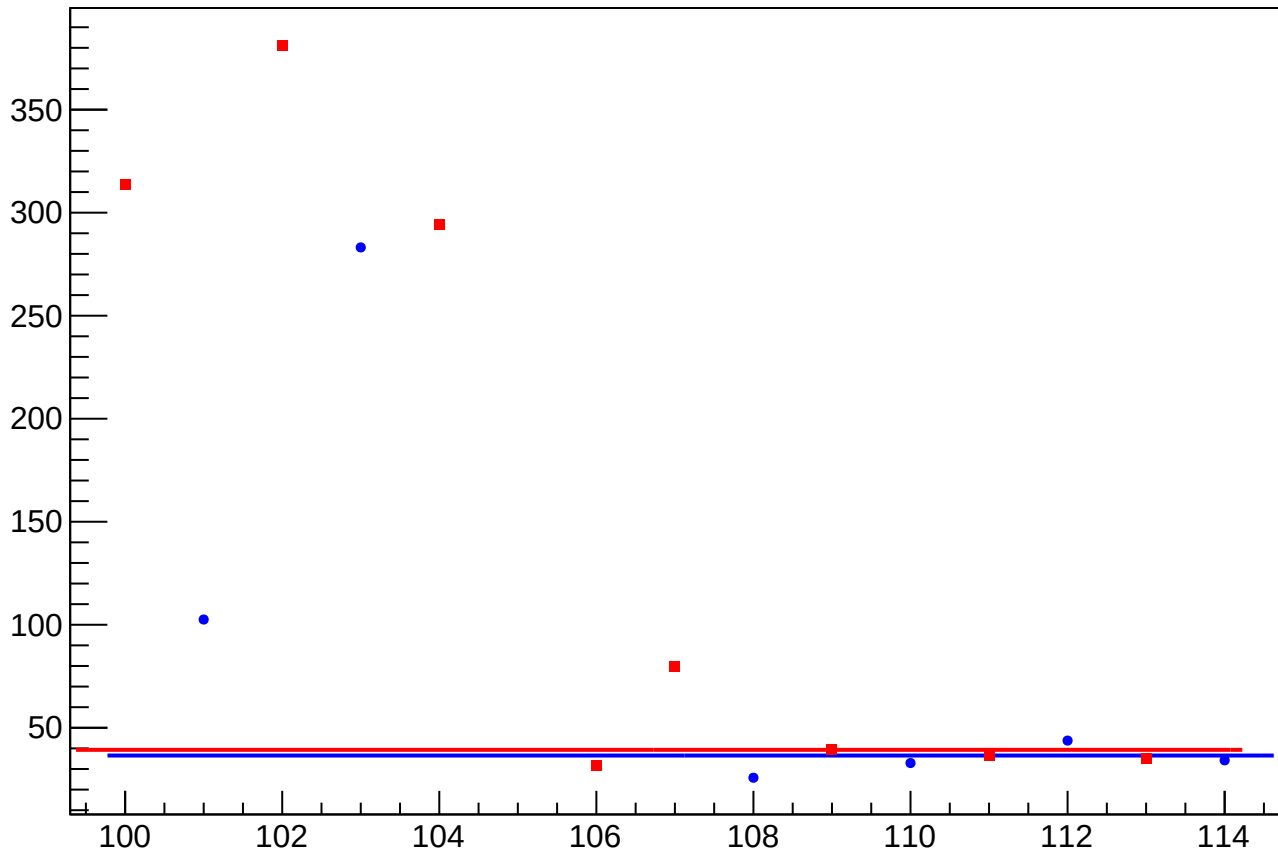
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 36.538 $\pm$ 0.020 χ^2 /NDF: 1525176.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.301 $\pm$ 0.020 χ^2 /NDF: 1599383.5/7

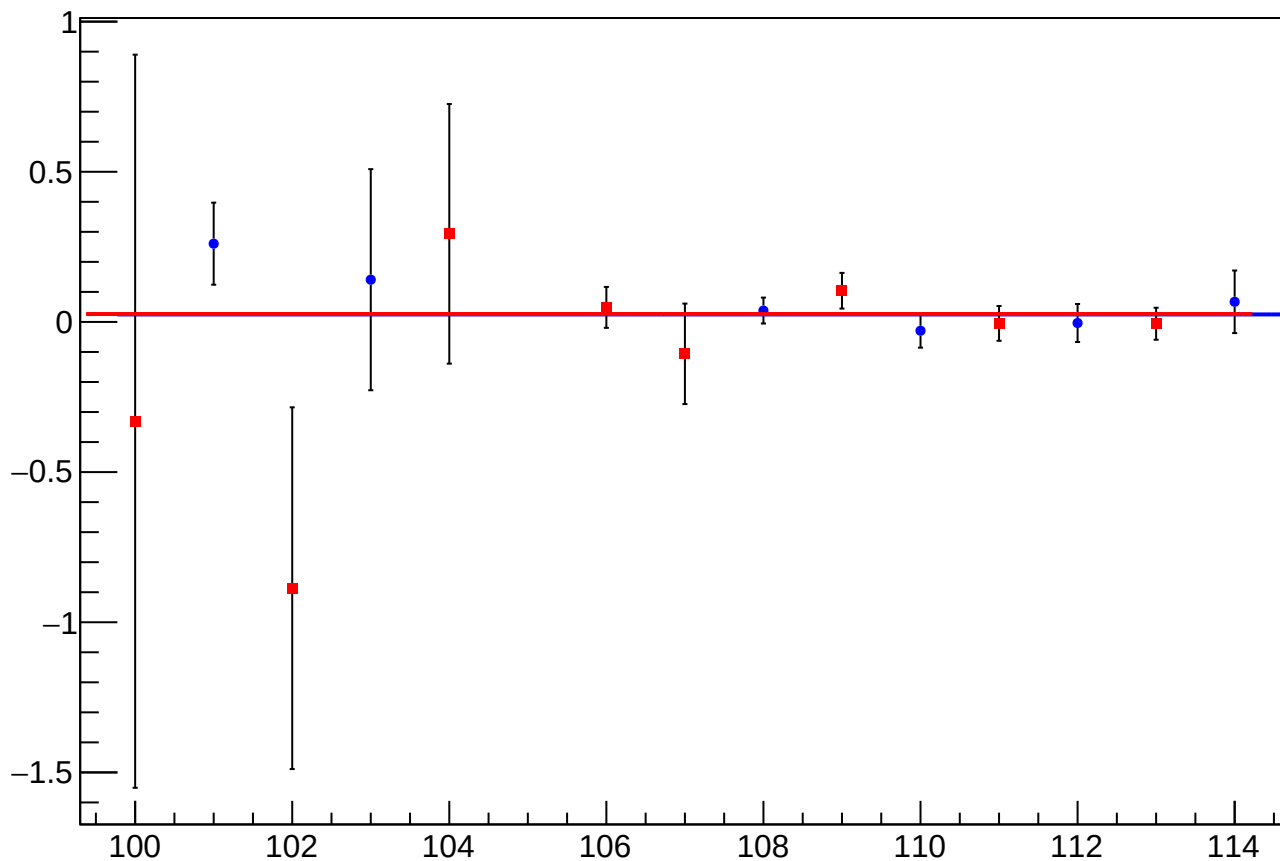
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.885 $\pm$ 0.014 χ^2 /NDF: 3133903.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.028 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

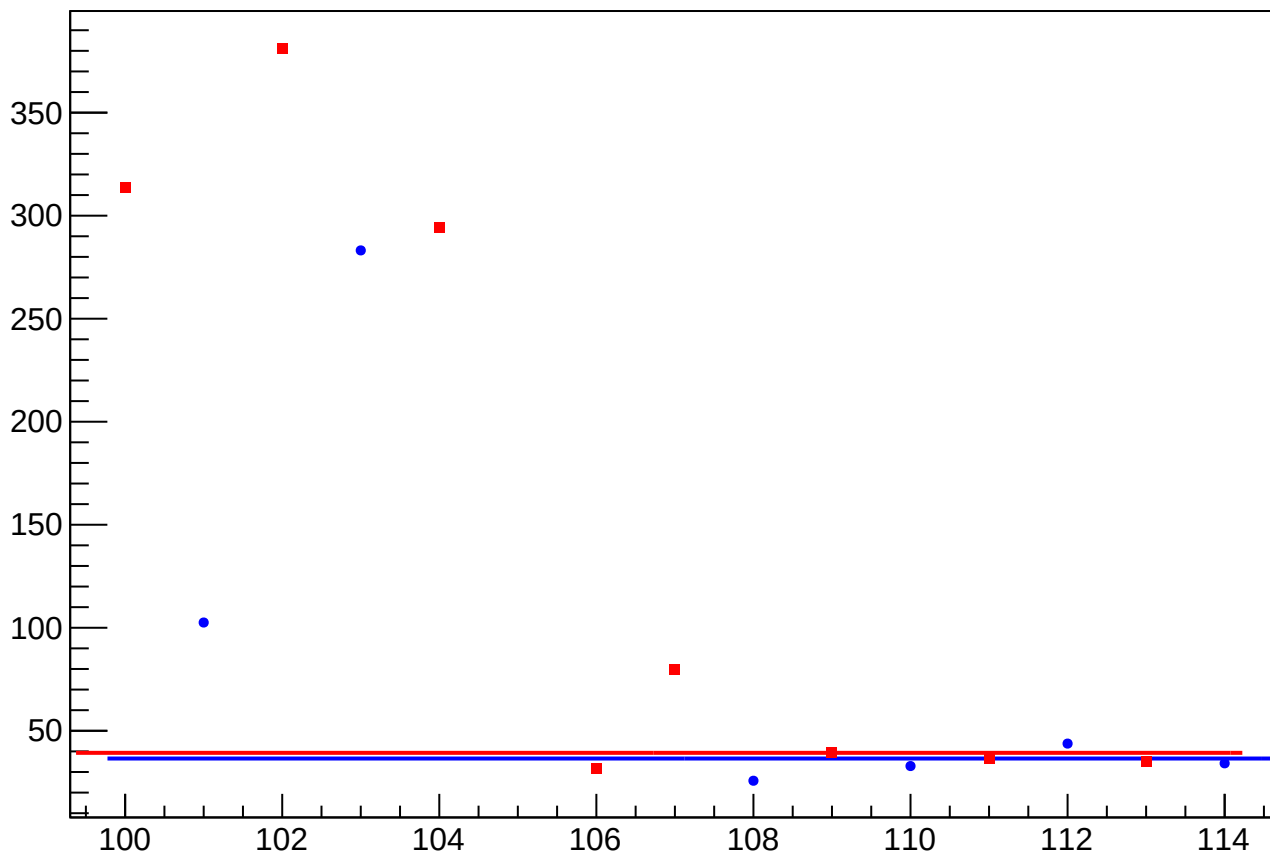
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.538+/-0.020 χ^2/NDF : 1525176.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.301+/-0.020 χ^2/NDF : 1599383.5/7

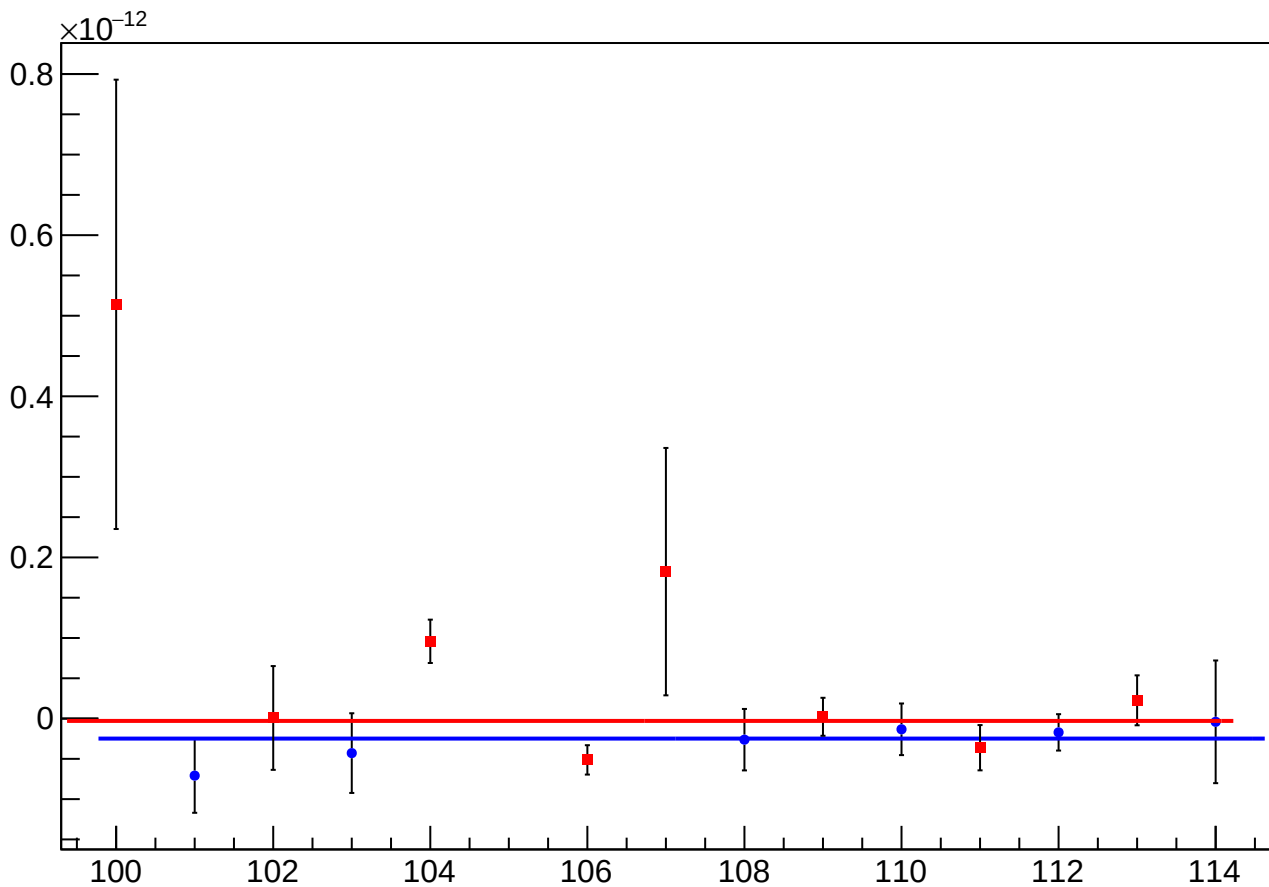
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.5/7

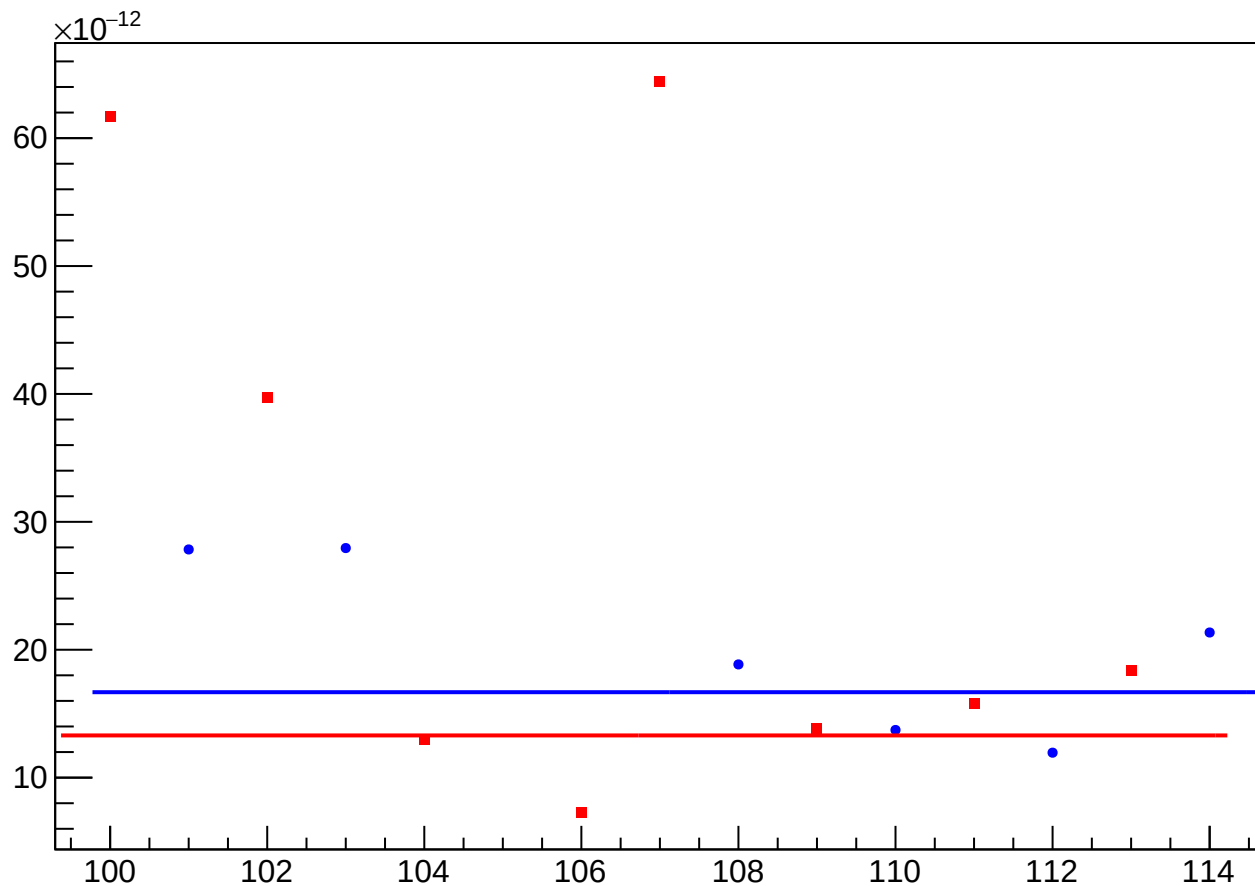
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 339683.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 909950.3/7

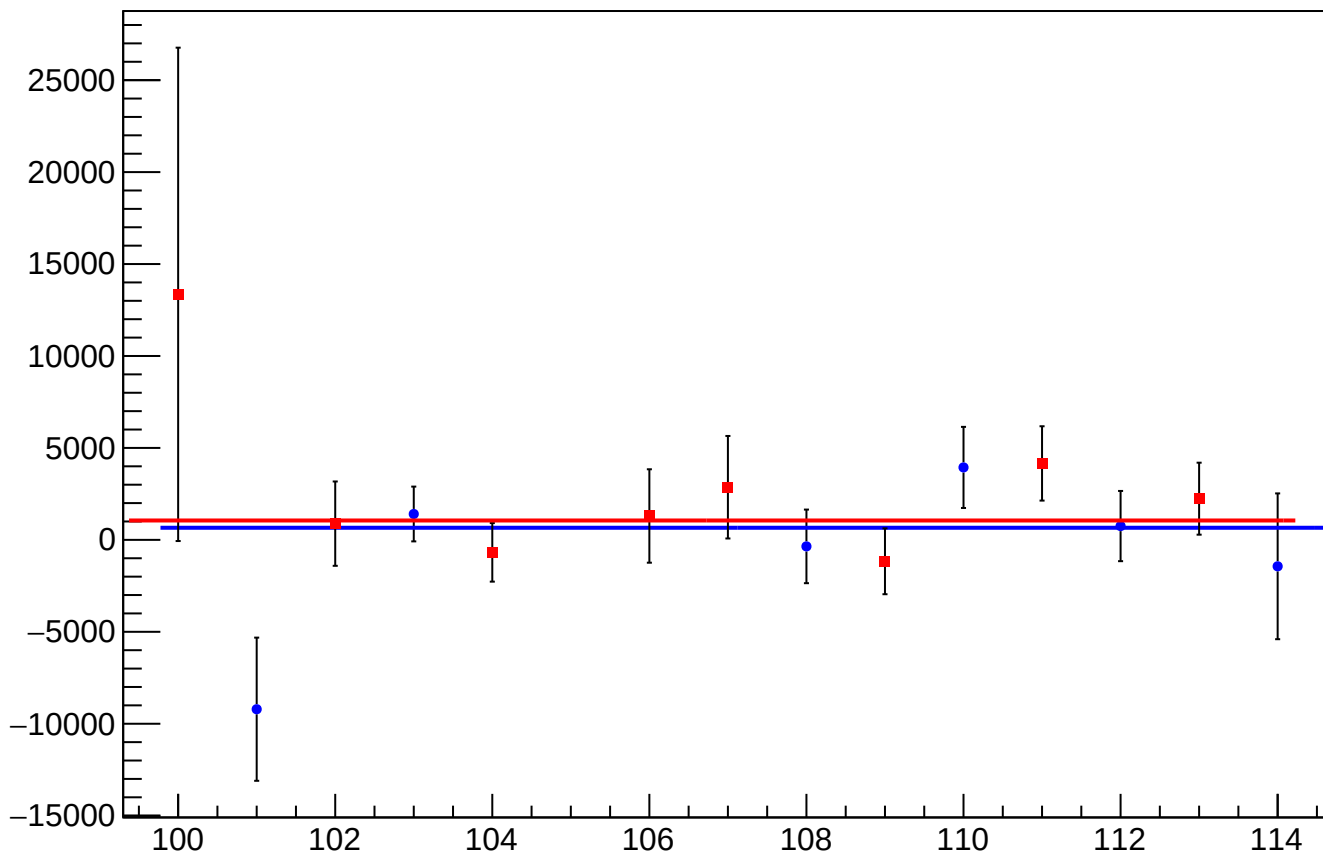
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319397.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 658.551+/-873.748 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.210+/-769.011 χ^2/NDF : 6.7/7

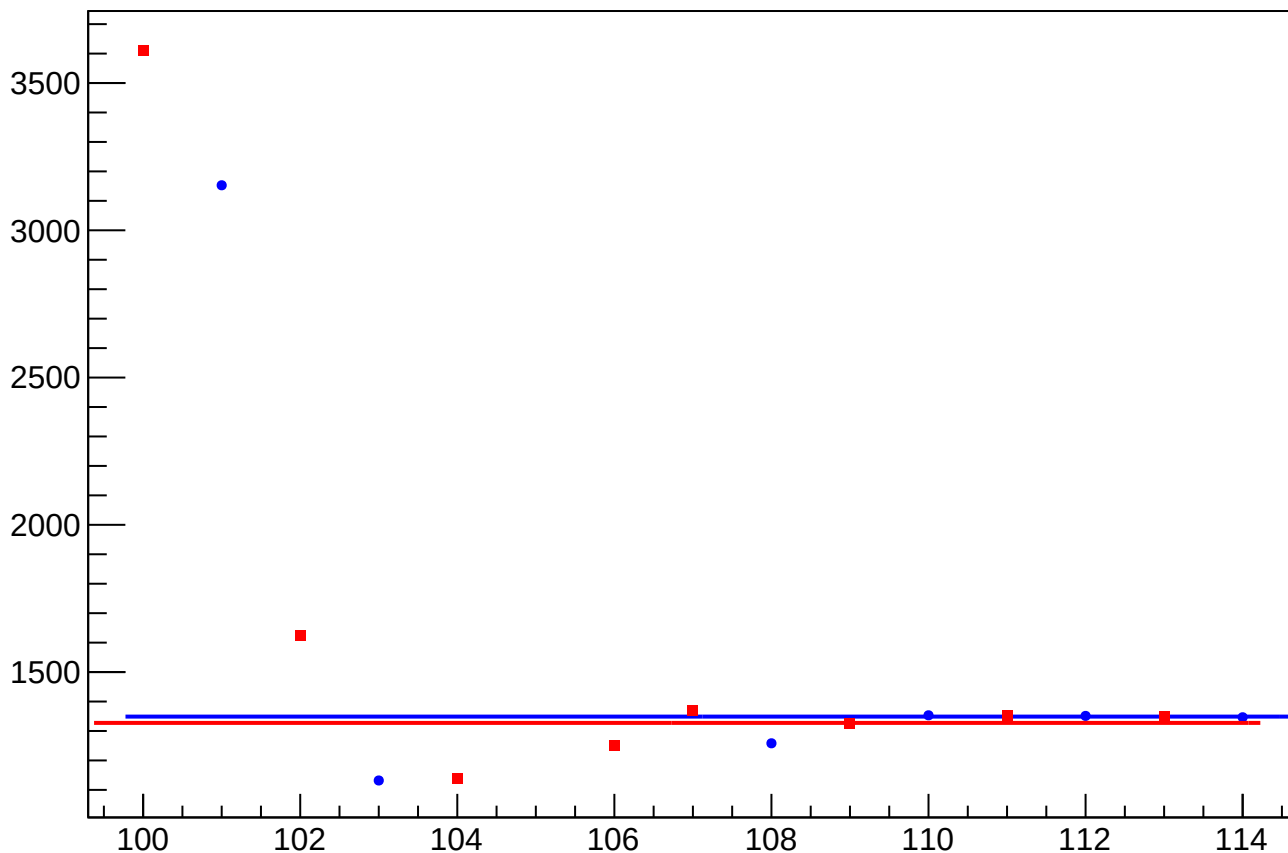
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.505+/-577.270 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1348.860 $\pm$ 0.618 χ^2 /NDF: 476001.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.452 $\pm$ 0.544 χ^2 /NDF: 121837.7/7

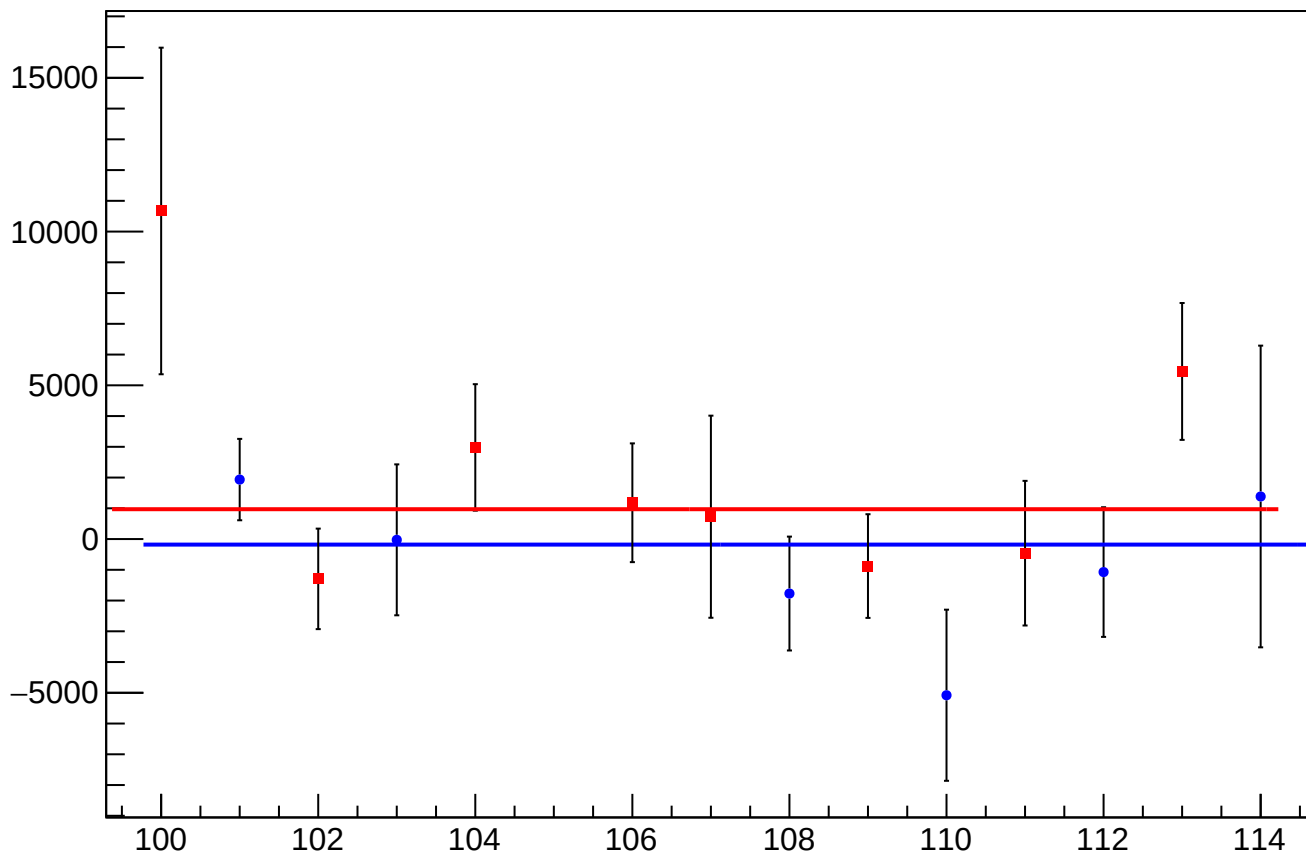
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1336.797 $\pm$ 0.408 χ^2 /NDF: 598515.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



Right In: -180.333+/-837.953 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.620+/-757.814 χ^2/NDF : 11.9/7

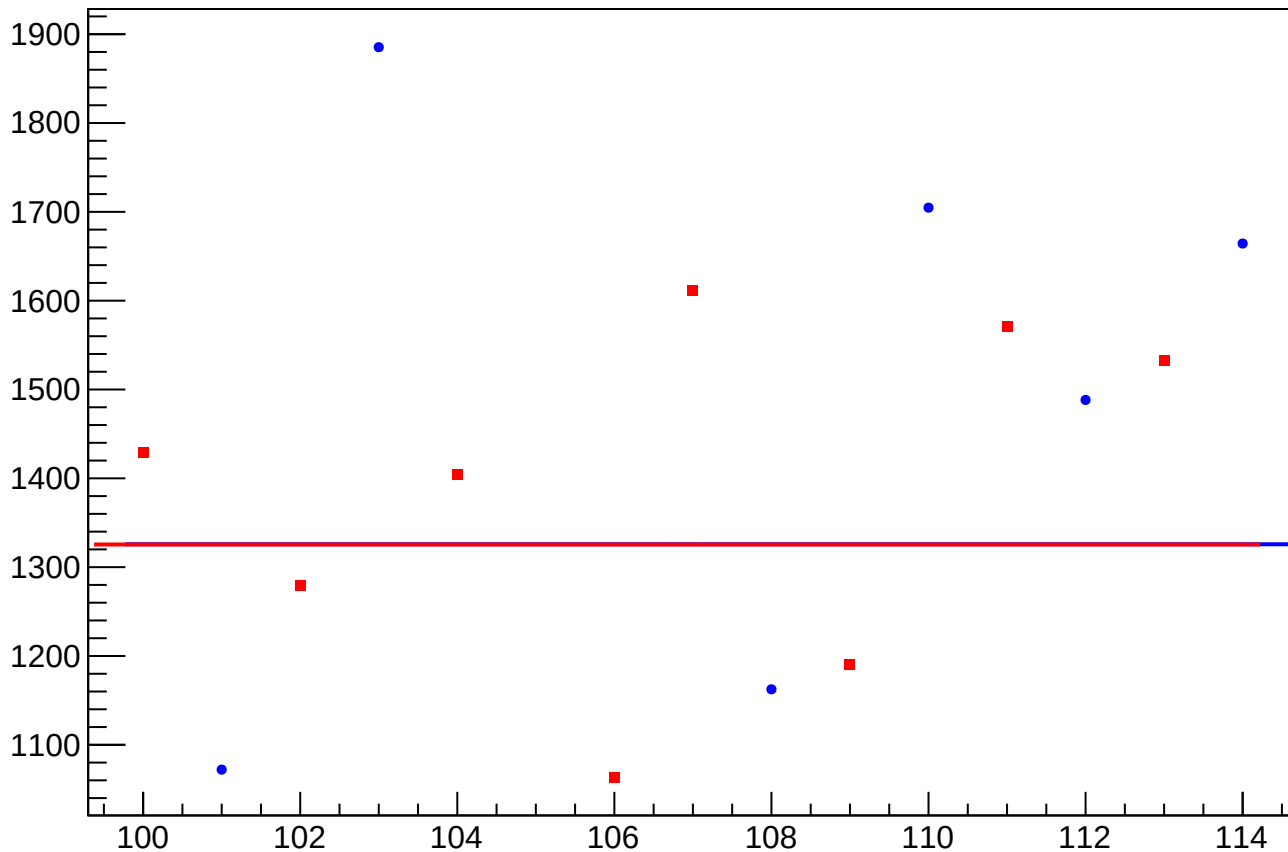
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.799+/-562.057 χ^2/NDF : 19.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1325.766 $\pm$ 0.593 χ^2 /NDF: 251487.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

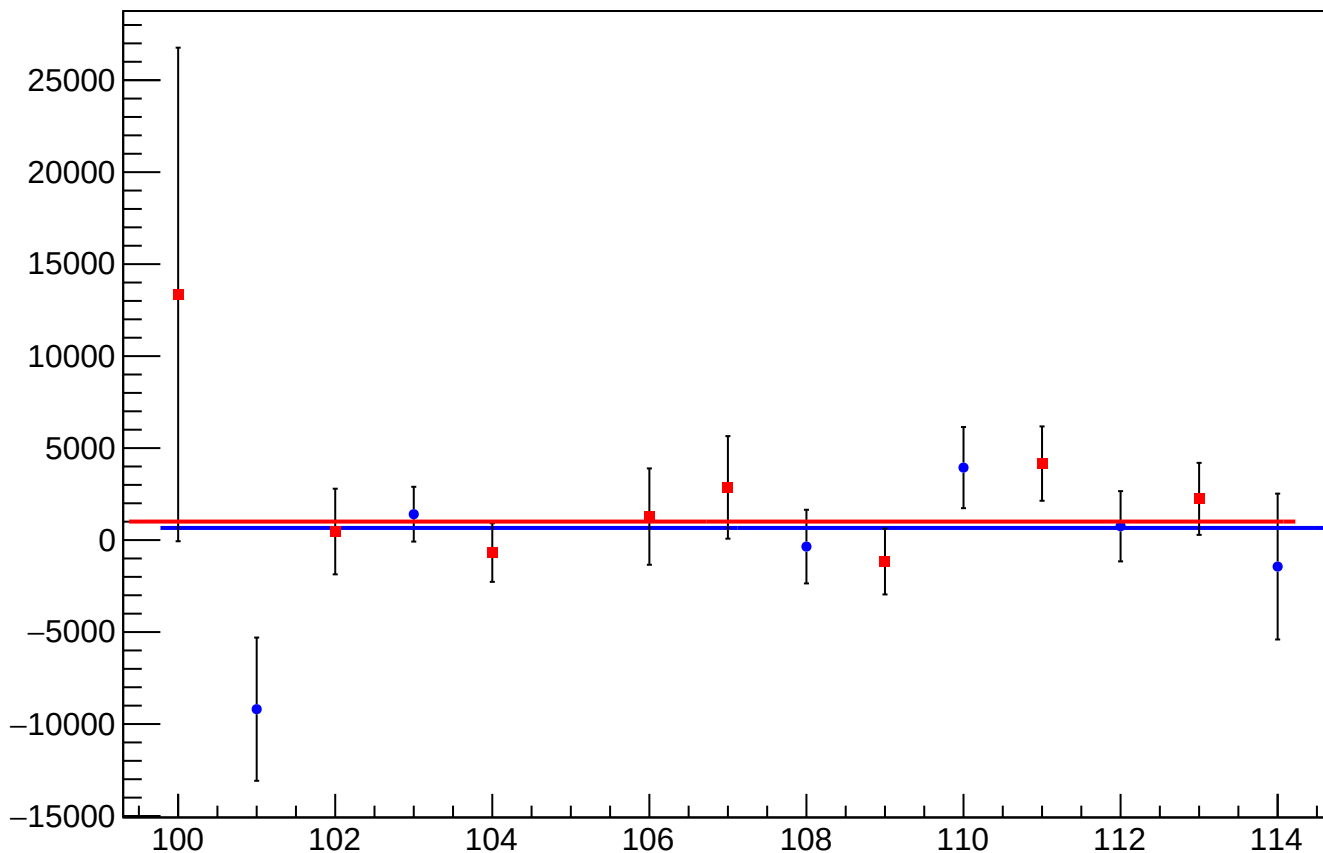
Right Out: 1325.516 $\pm$ 0.536 χ^2 /NDF: 109104.6/7

All: 1325.629 $\pm$ 0.397 χ^2 /NDF: 360591.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 659.316+/-873.749 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.047+/-772.375 χ^2/NDF : 6.8/7

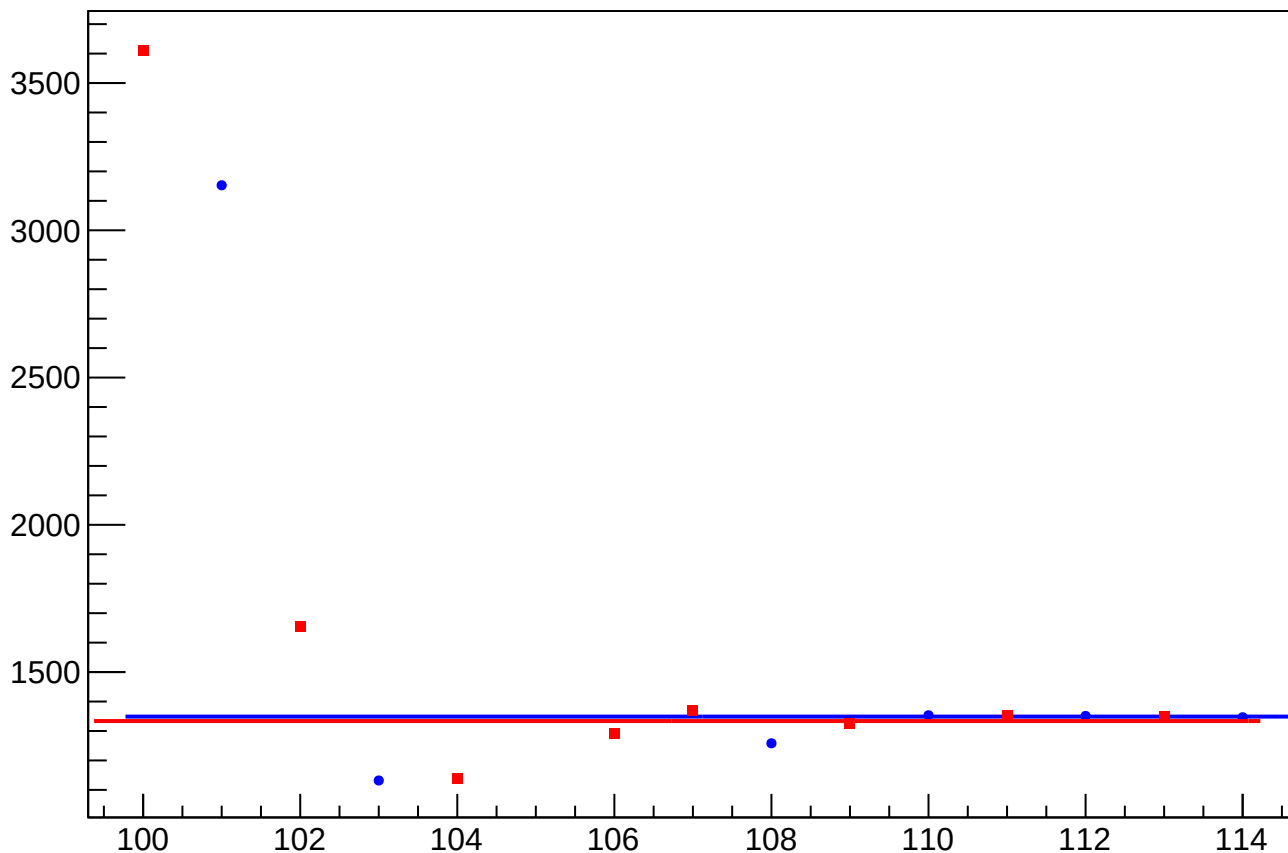
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.954+/-578.689 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1348.859 $\pm$ 0.618 χ^2 /NDF: 476002.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1333.742 $\pm$ 0.546 χ^2 /NDF: 126564.5/7

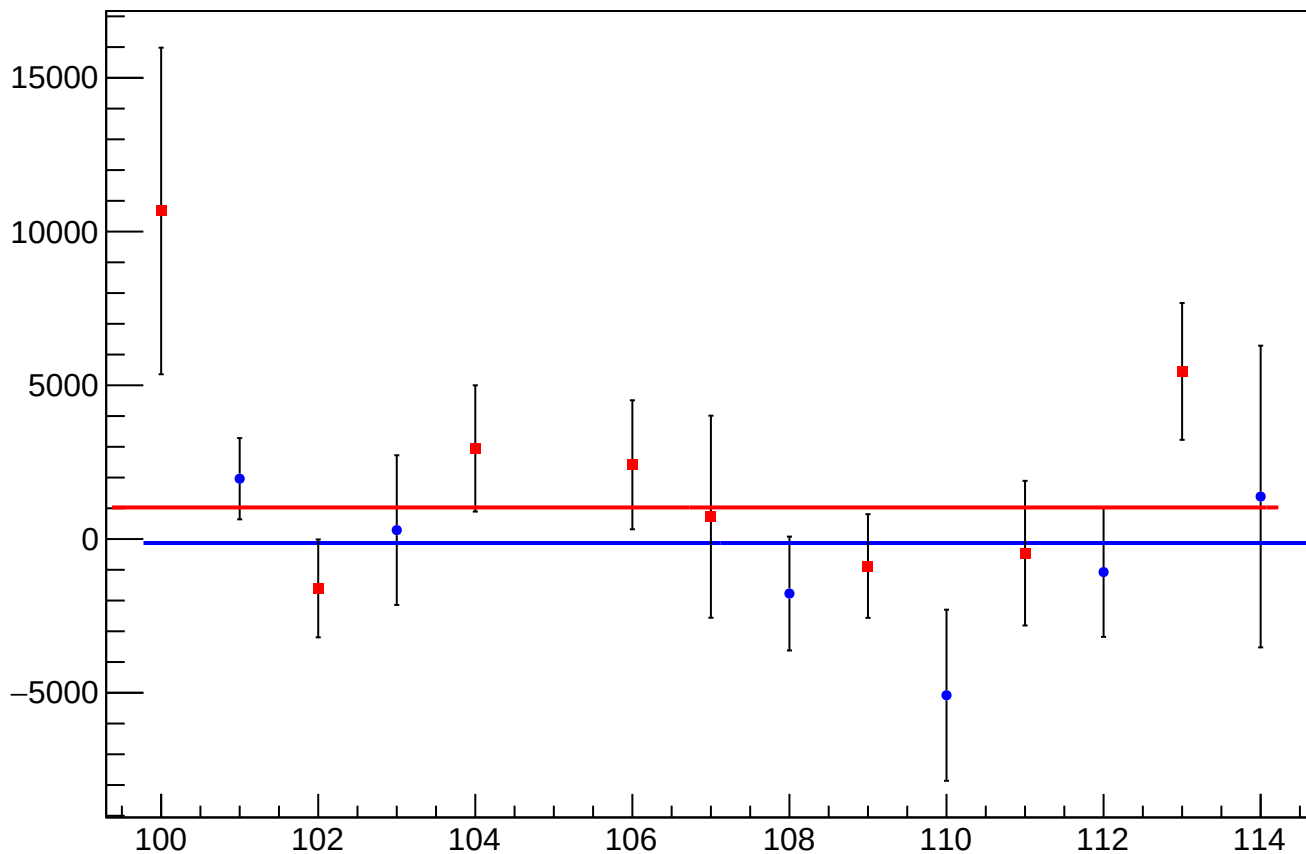
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1340.373 $\pm$ 0.409 χ^2 /NDF: 602903.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



Right In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.624+/-762.202 χ^2/NDF : 13.0/7

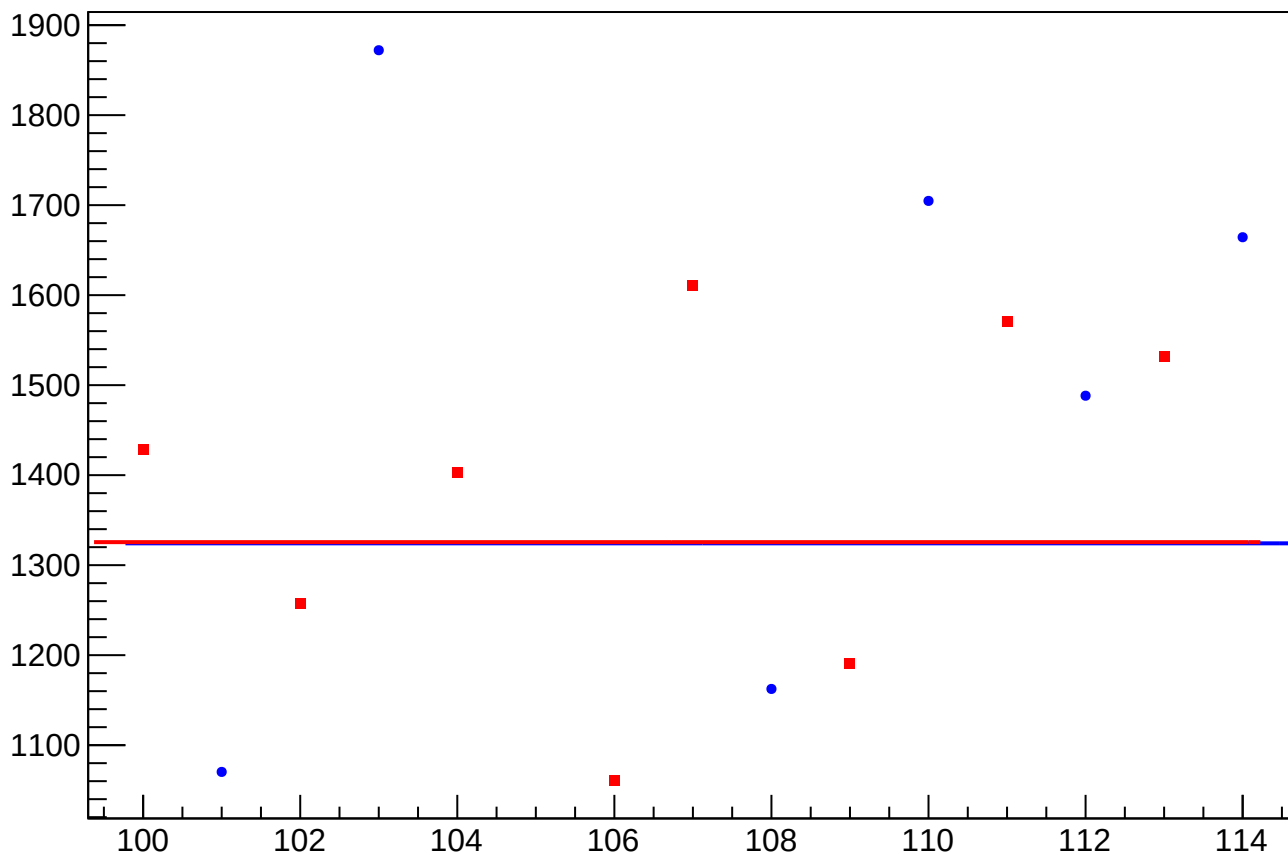
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.077+/-563.431 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1324.251 $\pm$ 0.592 χ^2 /NDF: 249555.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1325.579 $\pm$ 0.539 χ^2 /NDF: 106024.0/7

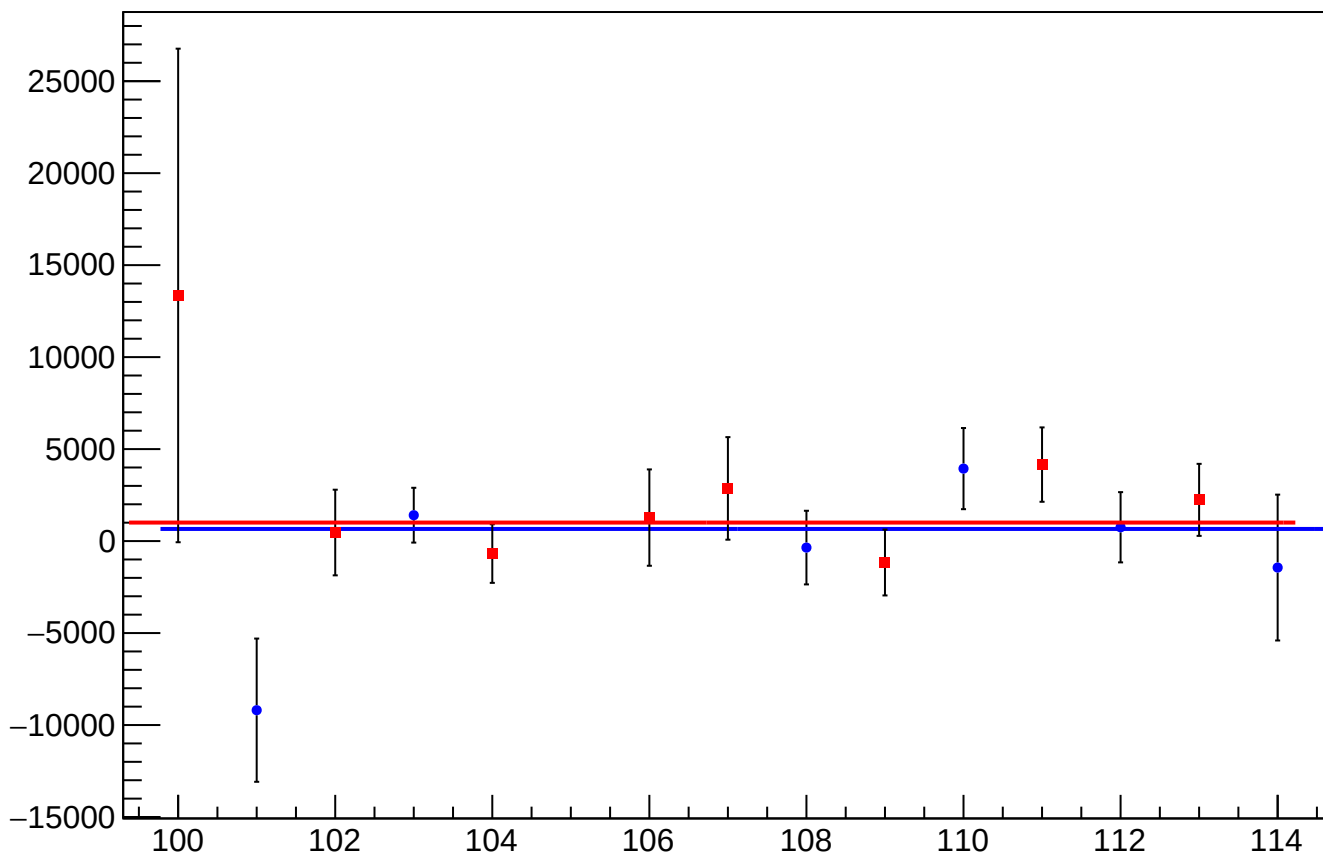
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1324.977 $\pm$ 0.398 χ^2 /NDF: 355581.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 659.316 $\pm$ 873.749 χ^2 /NDF: 9.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1006.047 $\pm$ 772.375 χ^2 /NDF: 6.8/7

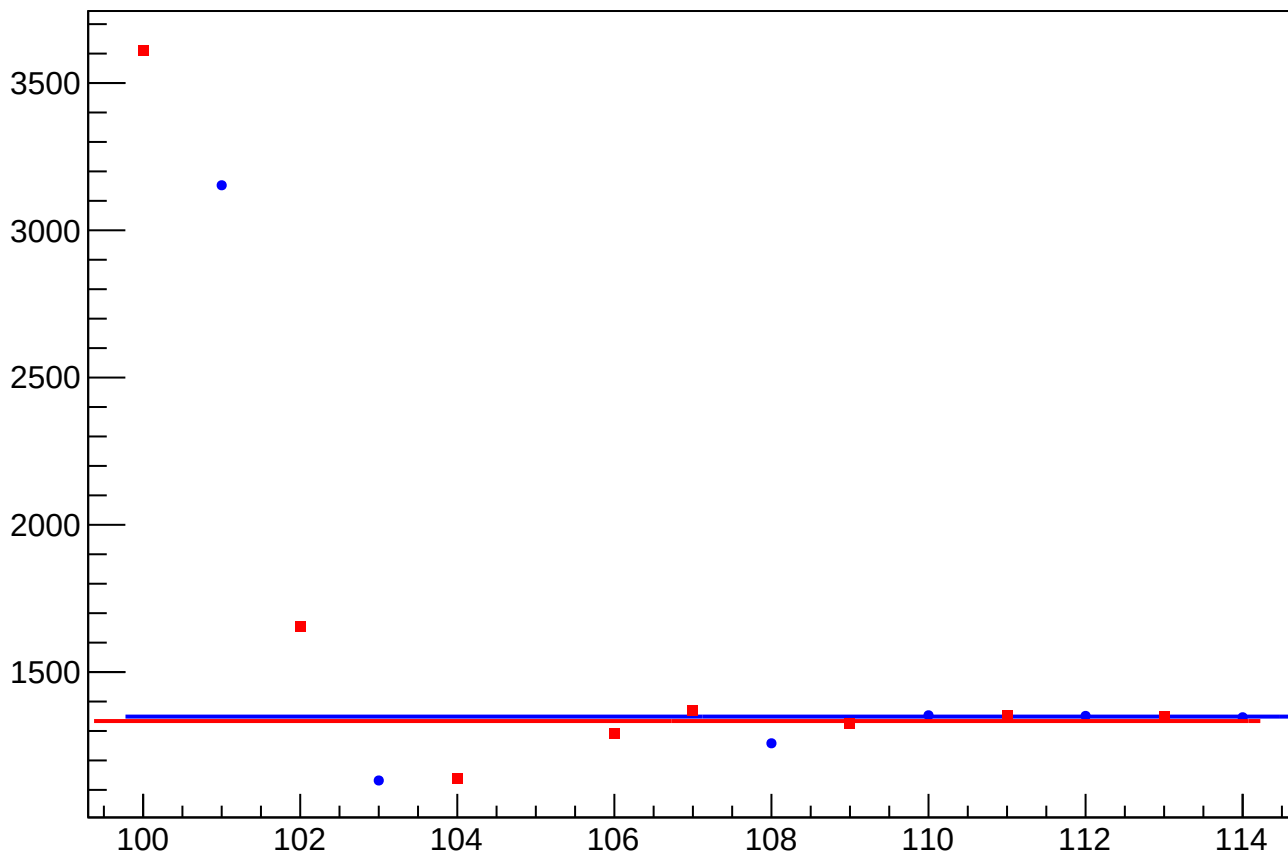
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 853.954 $\pm$ 578.689 χ^2 /NDF: 16.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1348.859 $\pm$ 0.618 χ^2 /NDF: 476002.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1333.742 $\pm$ 0.546 χ^2 /NDF: 126564.5/7

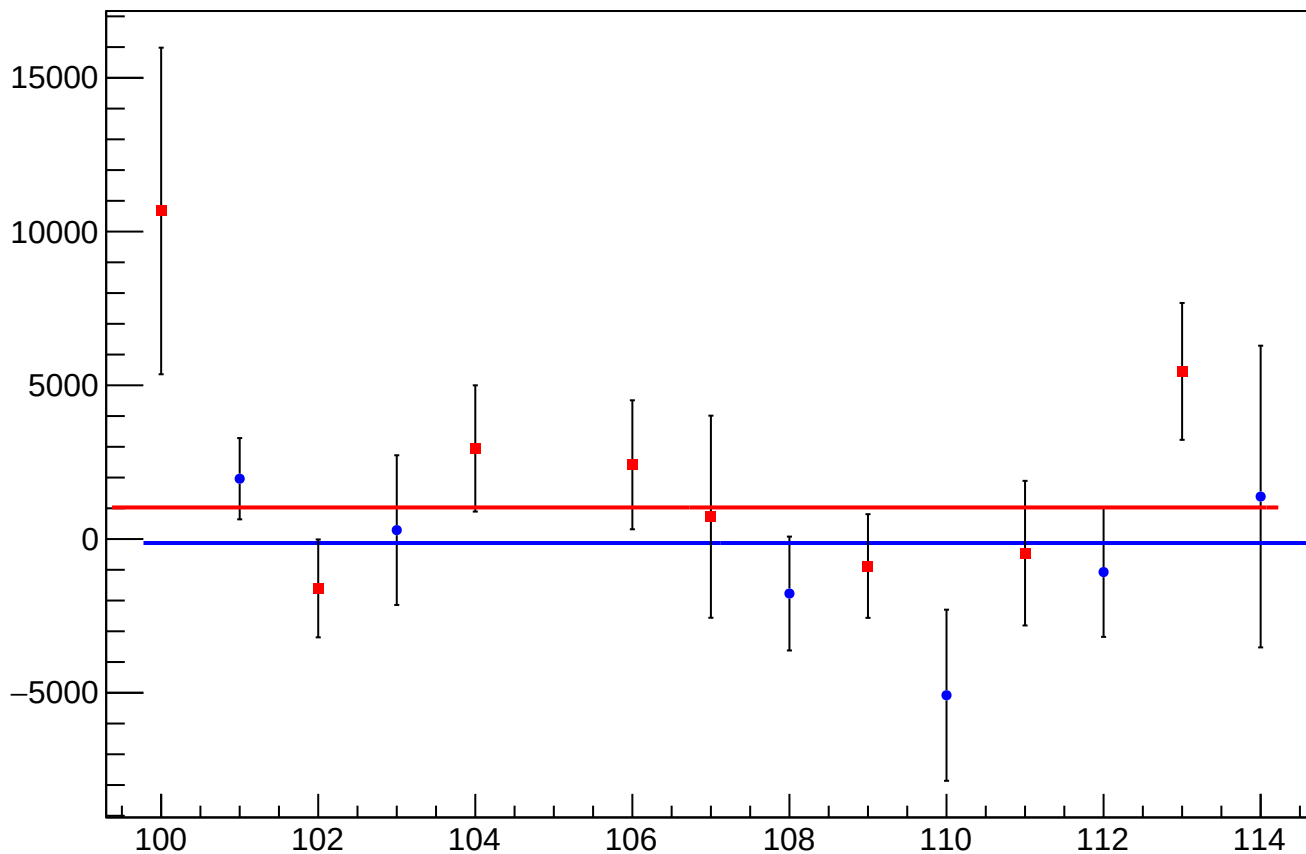
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1340.373 $\pm$ 0.409 χ^2 /NDF: 602903.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.624+/-762.202 χ^2/NDF : 13.0/7

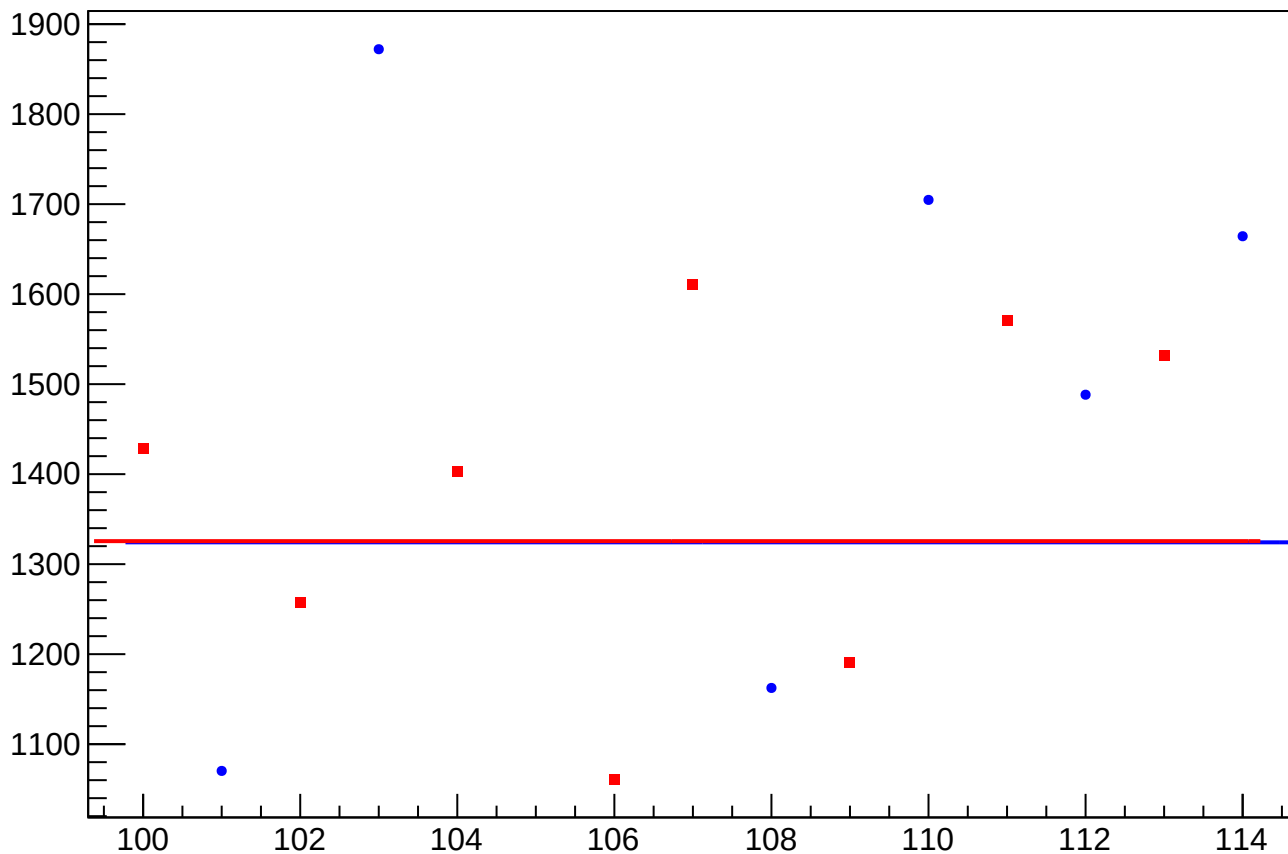
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.077+/-563.431 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1324.251+/-0.592 χ^2/NDF : 249555.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

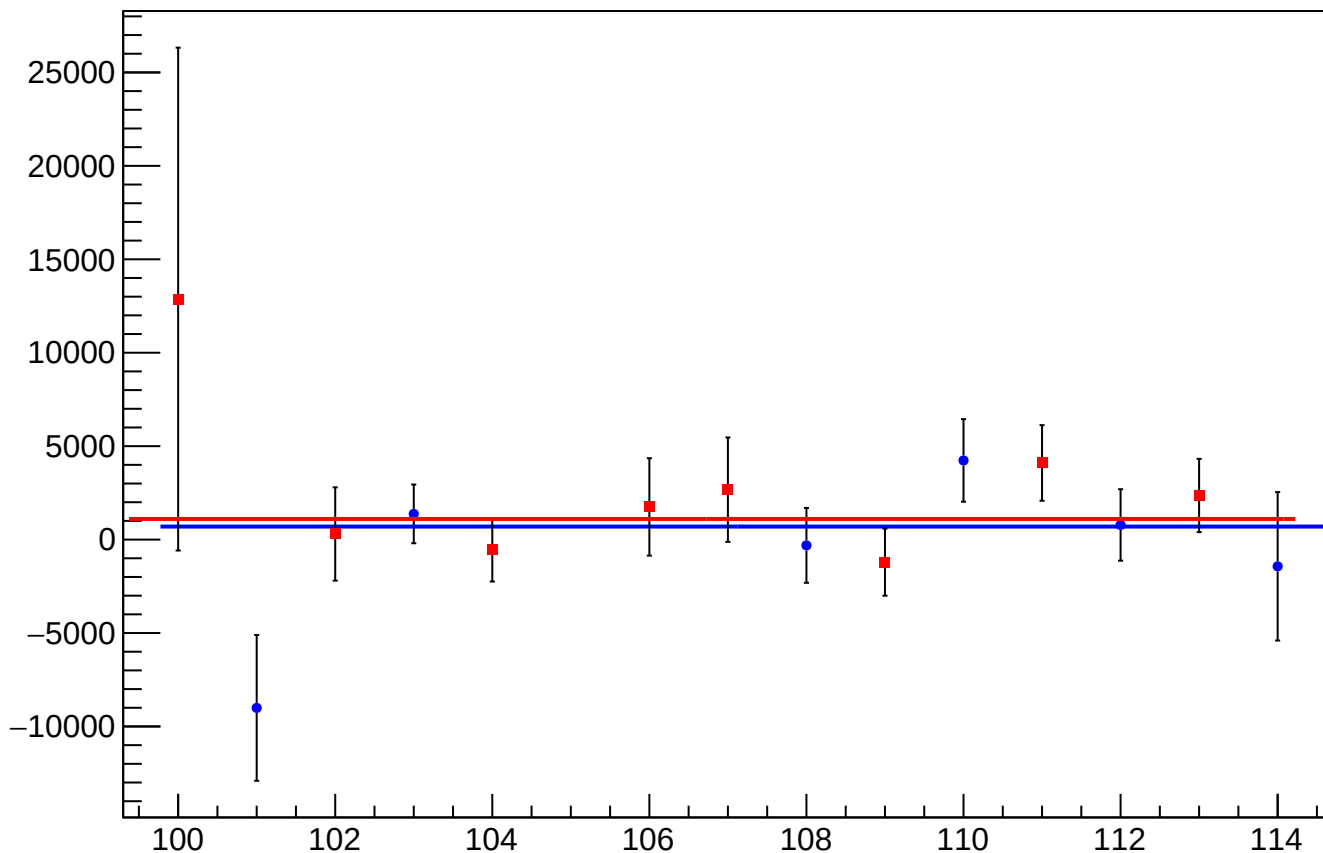
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 697.774 $\pm$ 890.149 χ^2 /NDF: 9.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1105.096 $\pm$ 789.921 χ^2 /NDF: 6.5/7

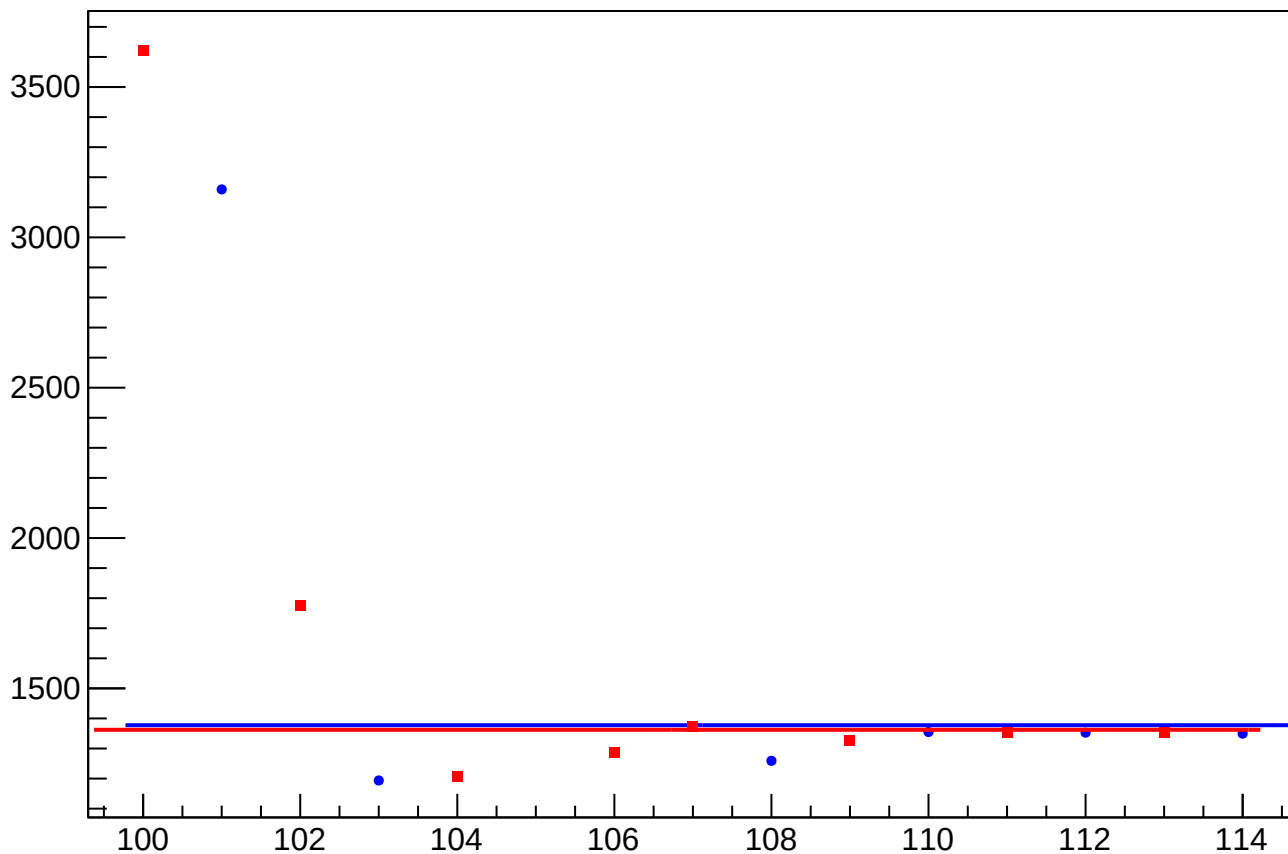
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 925.648 $\pm$ 590.830 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1377.462 $\pm$ 0.629 χ^2 /NDF: 452258.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1362.240 $\pm$ 0.559 χ^2 /NDF: 130435.0/7

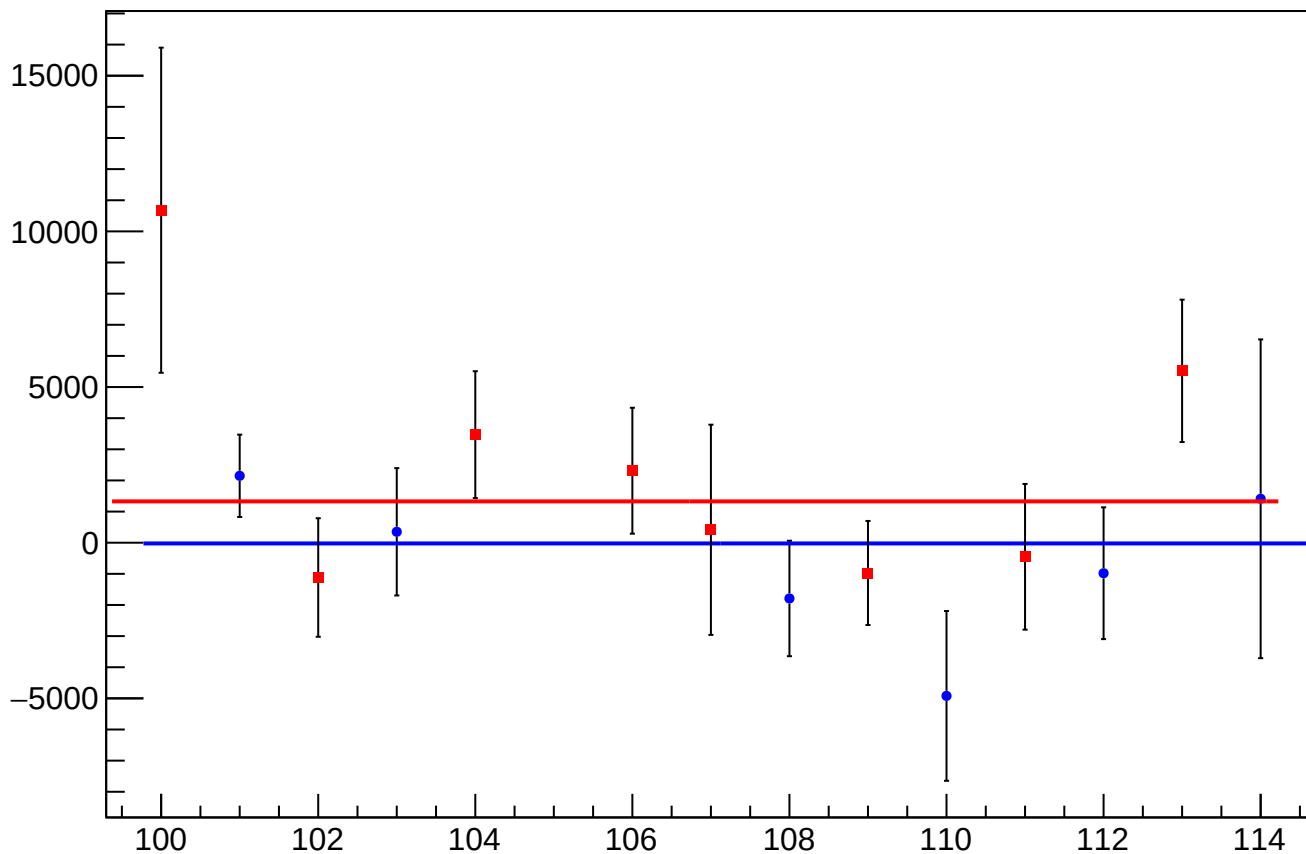
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.946 $\pm$ 0.418 χ^2 /NDF: 583020.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug



Right In: -23.622 $\pm$ 817.225 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.016 $\pm$ 786.238 χ^2 /NDF: 12.1/7

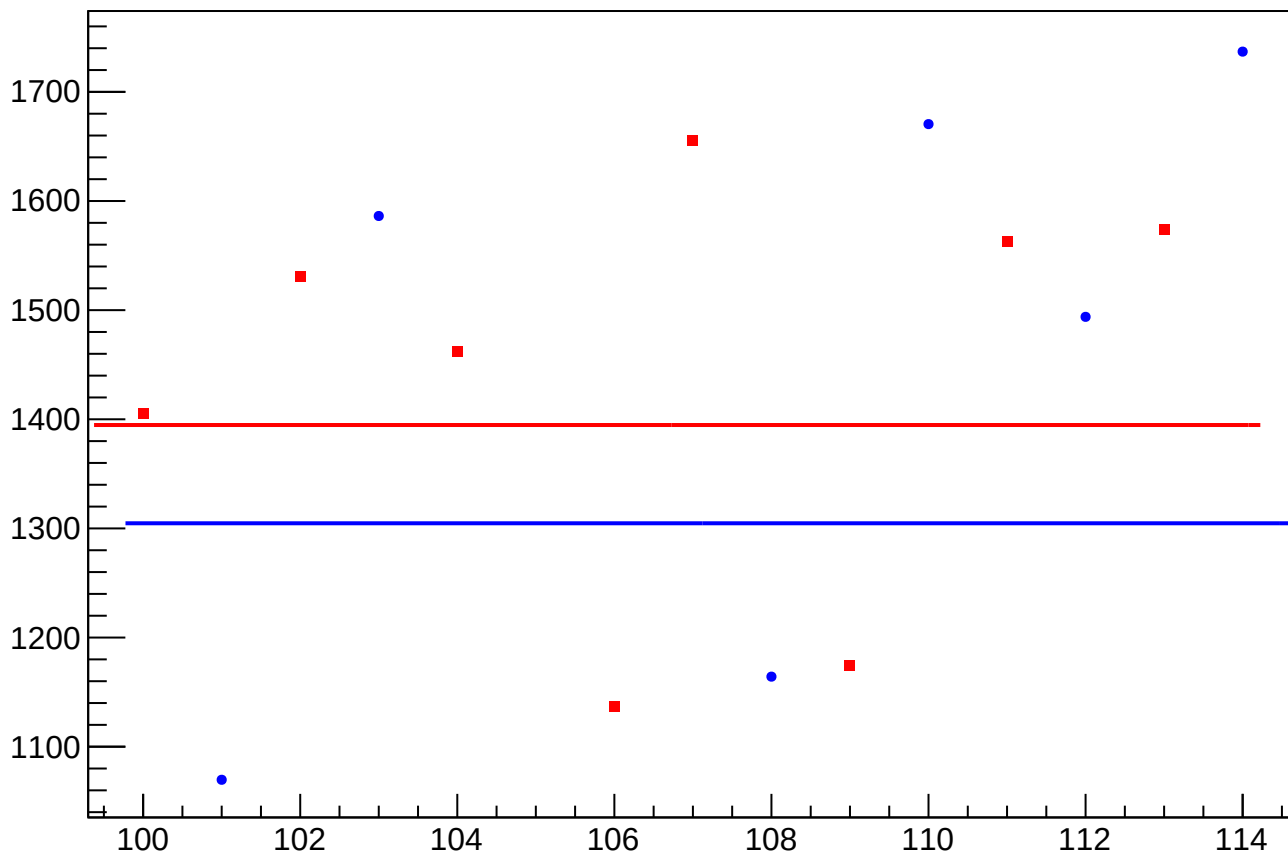
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.788 $\pm$ 566.592 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1304.709+/-0.578 χ^2/NDF : 178753.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1394.749+/-0.556 χ^2/NDF : 114475.7/7

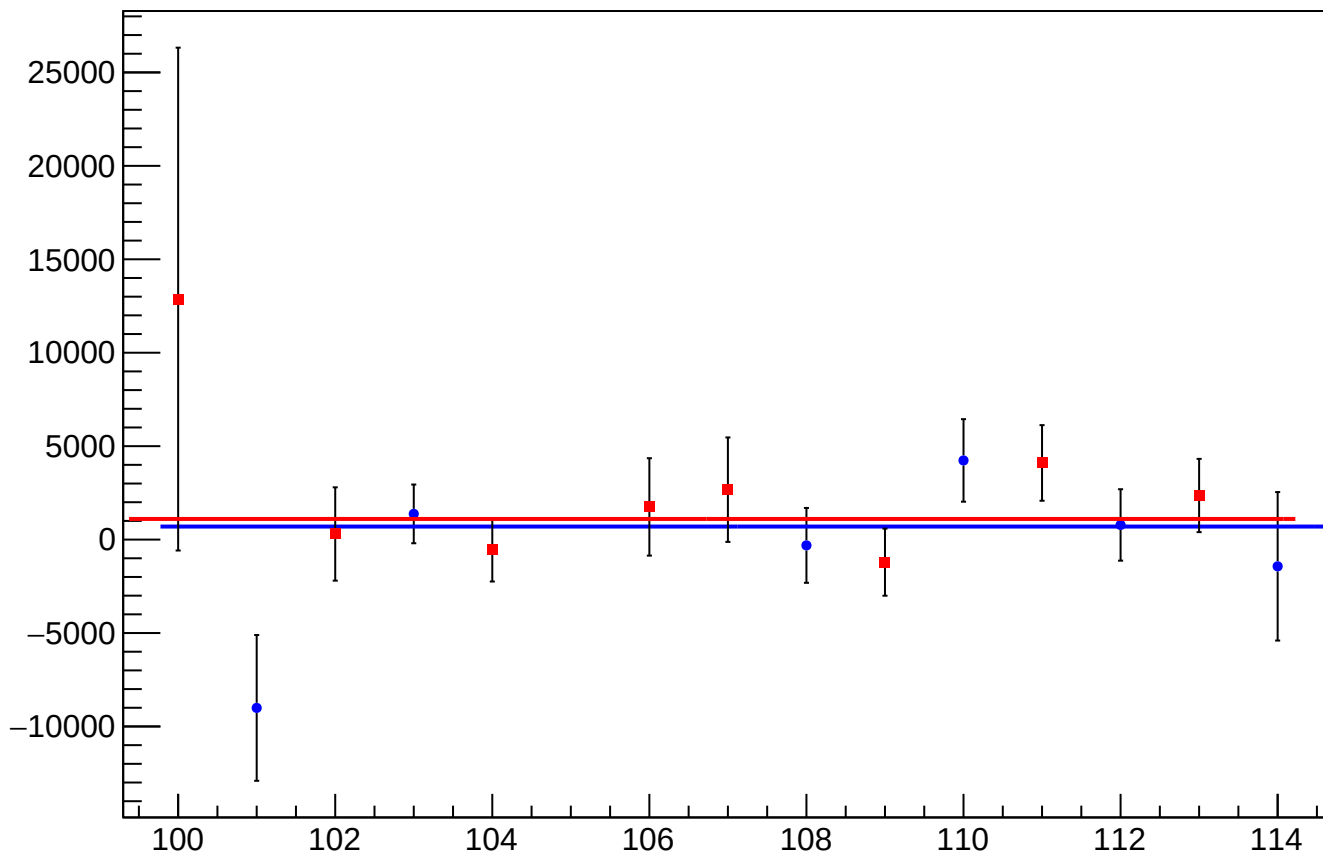
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.468+/-0.401 χ^2/NDF : 305836.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 697.770 $\pm$ 890.149 χ^2 /NDF: 9.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1105.097 $\pm$ 789.921 χ^2 /NDF: 6.5/7

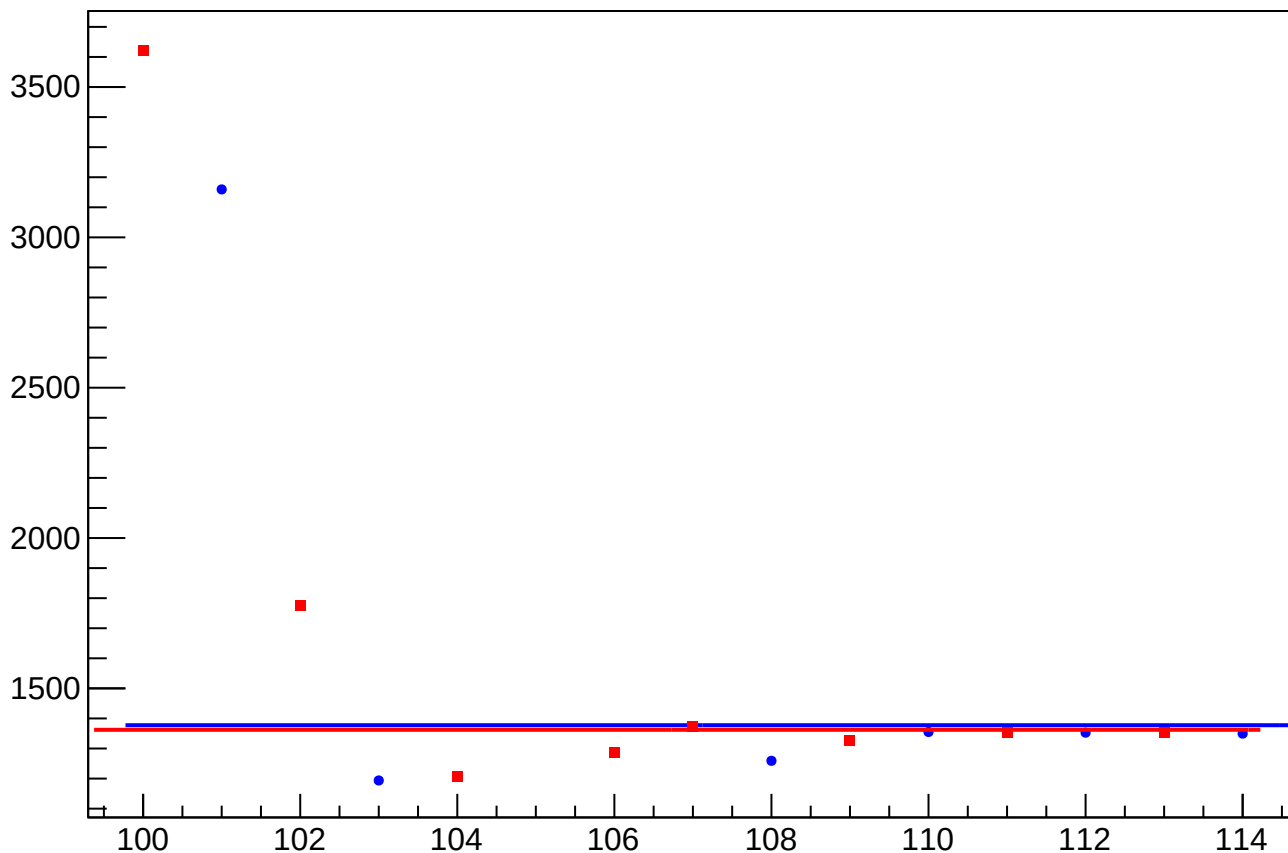
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 925.647 $\pm$ 590.830 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1377.462 $\pm$ 0.629 χ^2 /NDF: 452258.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1362.239 $\pm$ 0.559 χ^2 /NDF: 130434.9/7

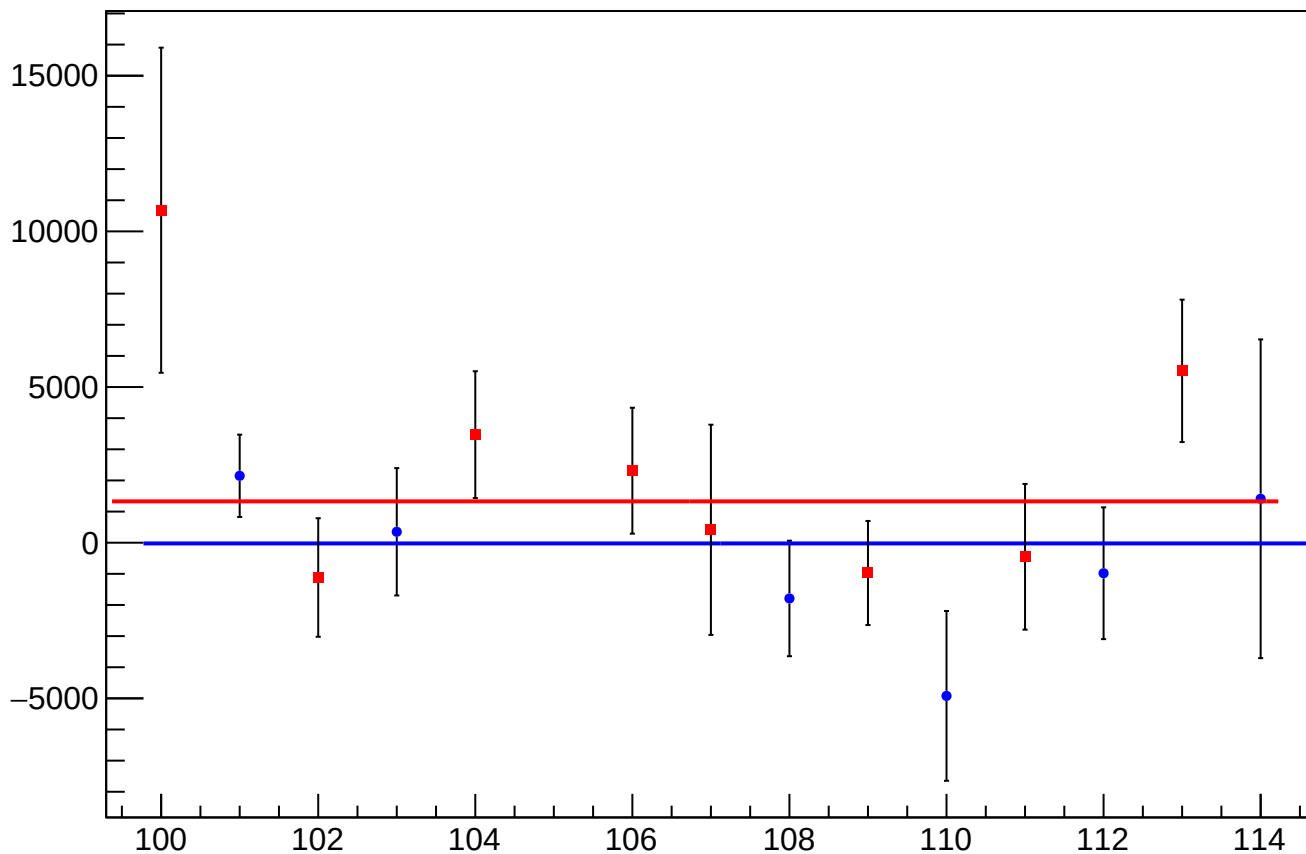
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.945 $\pm$ 0.418 χ^2 /NDF: 583020.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -23.621 $\pm$ 817.222 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.019 $\pm$ 786.238 χ^2 /NDF: 12.1/7

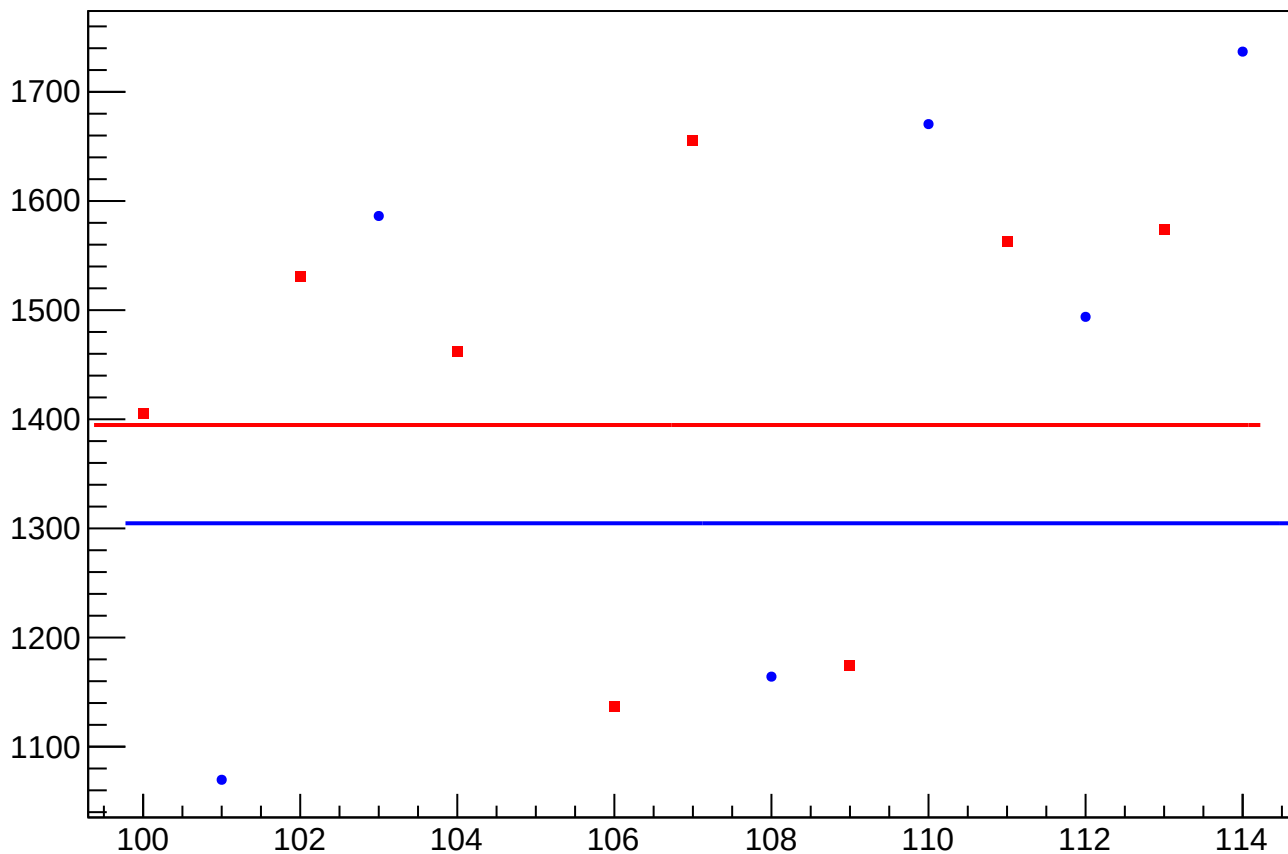
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.788 $\pm$ 566.591 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1304.704 $\pm$ 0.578 χ^2 /NDF: 178760.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1394.749 $\pm$ 0.556 χ^2 /NDF: 114477.7/7

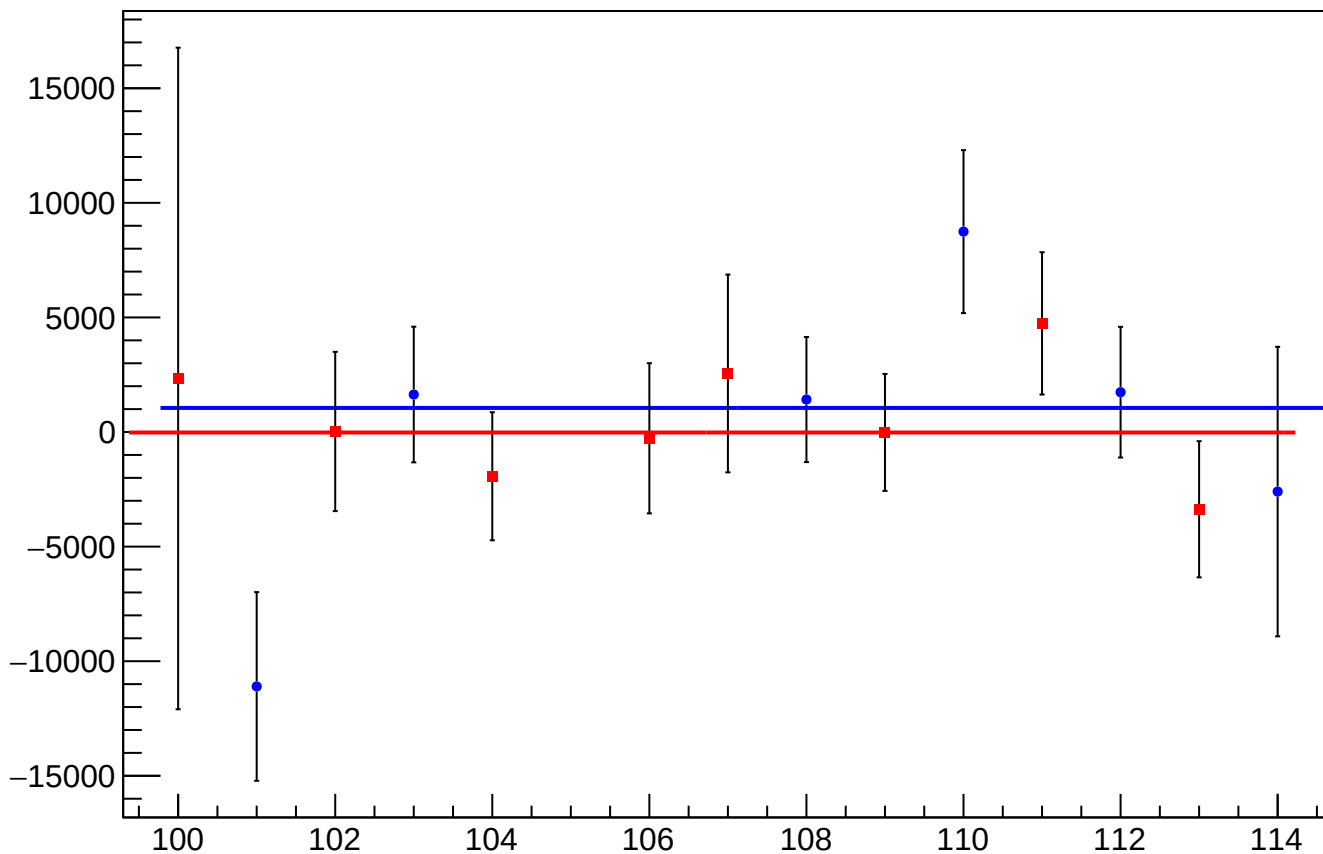
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1351.465 $\pm$ 0.401 χ^2 /NDF: 305847.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 1051.706+/-1367.861 χ^2/NDF : 13.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.359+/-1167.844 χ^2/NDF : 4.5/7

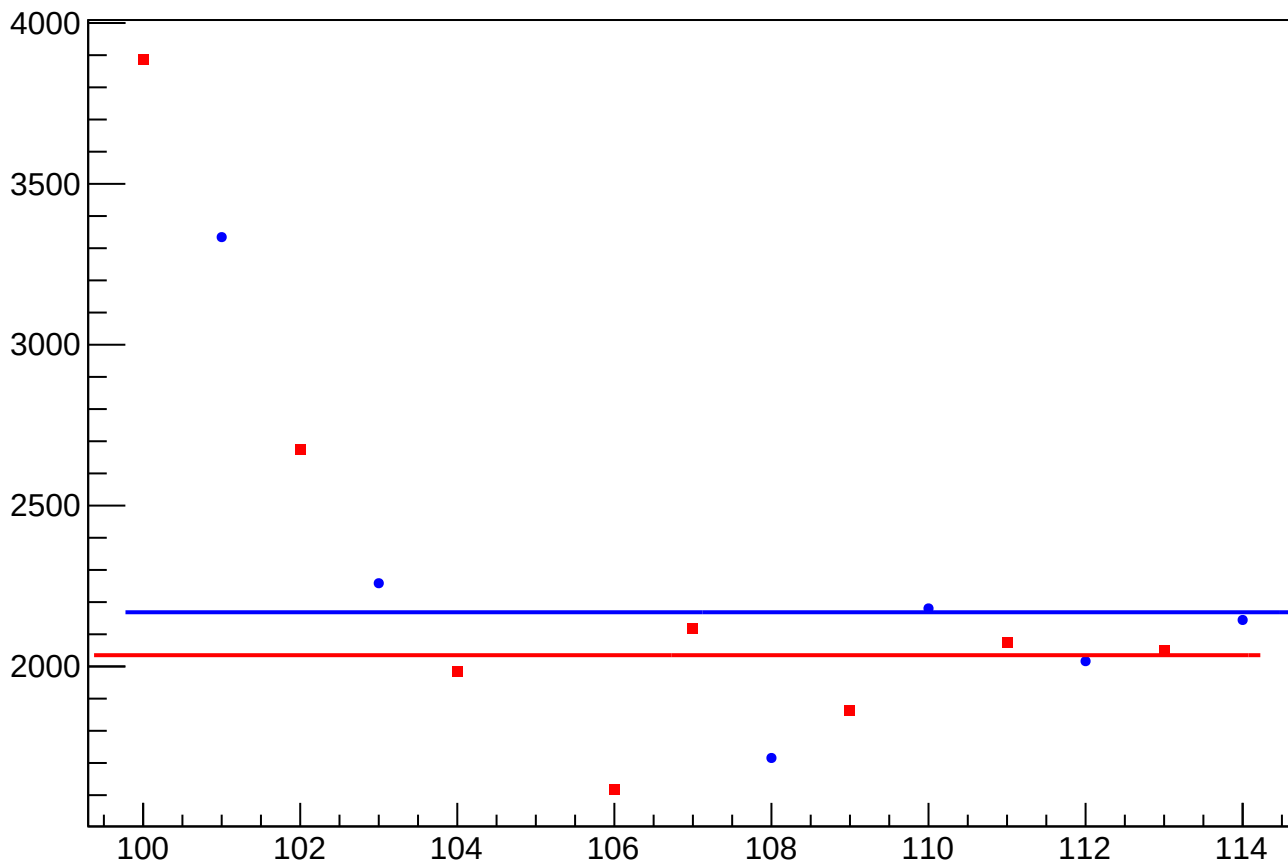
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.632+/-888.170 χ^2/NDF : 18.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 2168.472+/-0.967 χ^2/NDF : 223110.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2035.010+/-0.826 χ^2/NDF : 143775.0/7

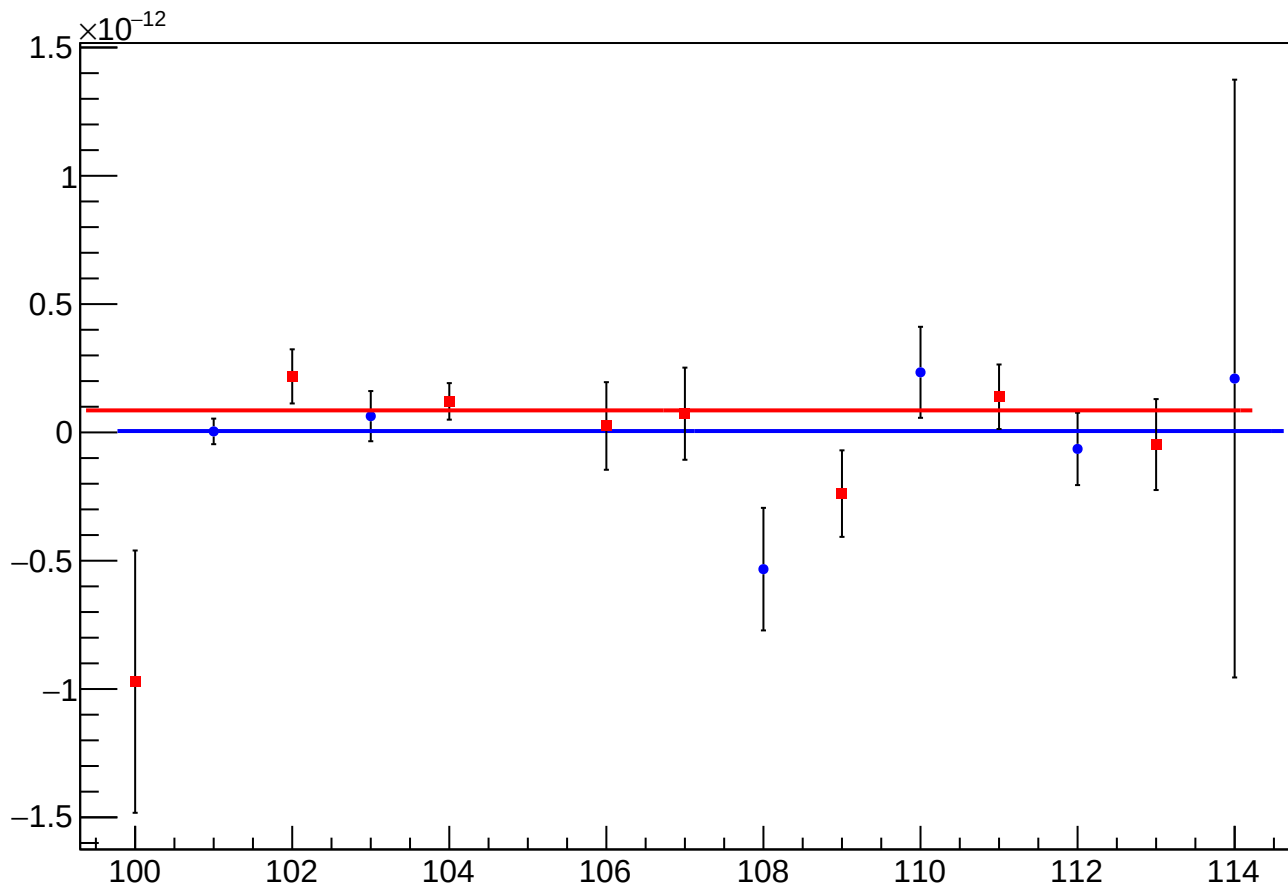
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2091.277+/-0.628 χ^2/NDF : 377898.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/7

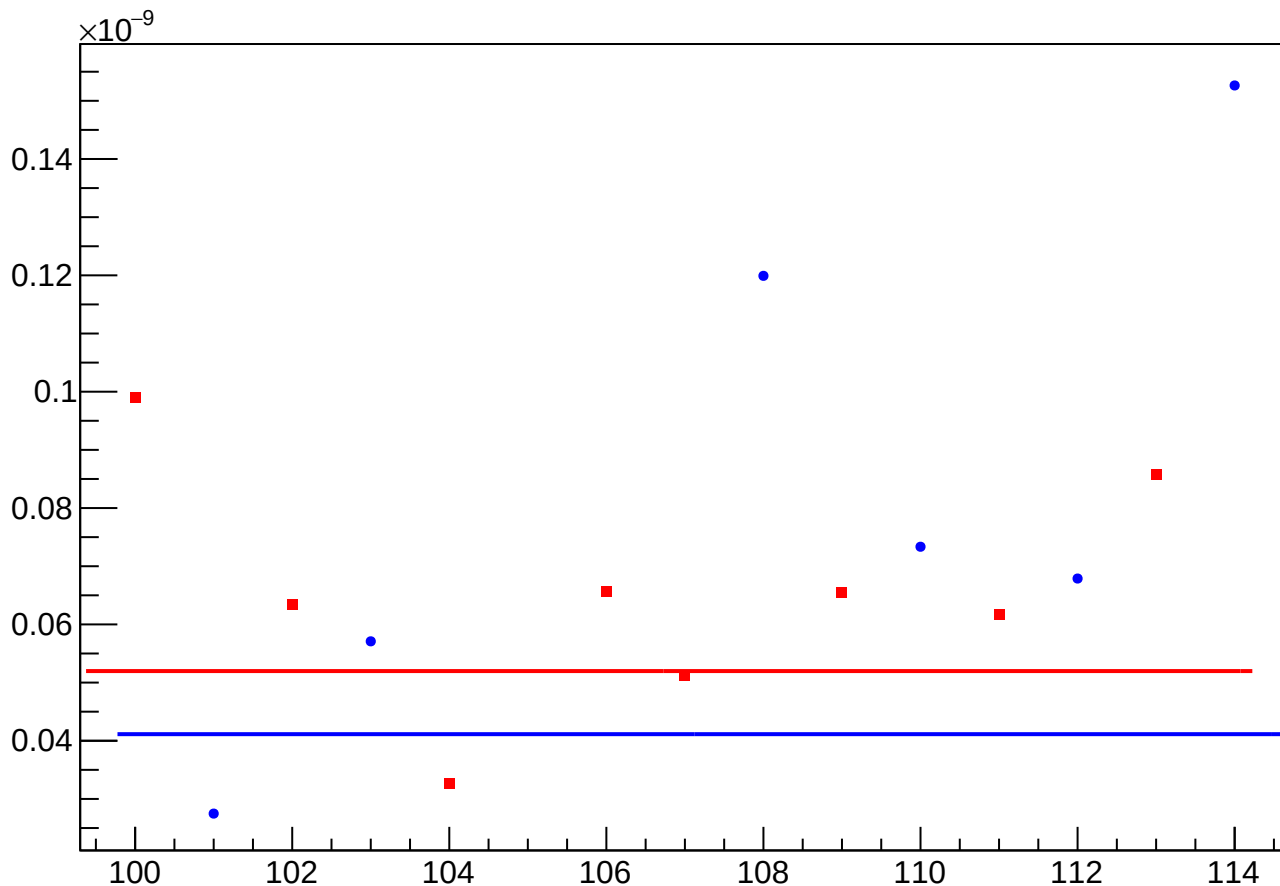
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 577565.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 299572.4/7

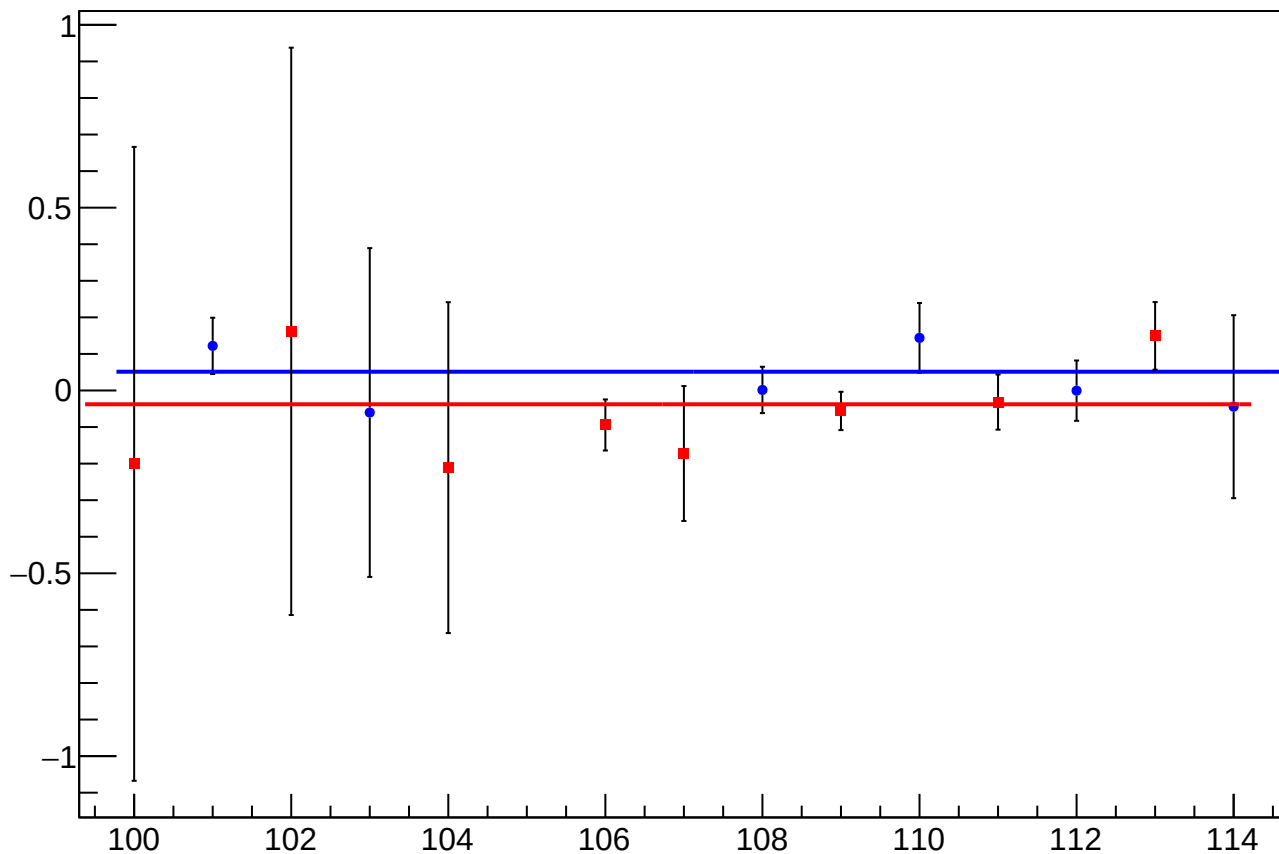
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940737.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

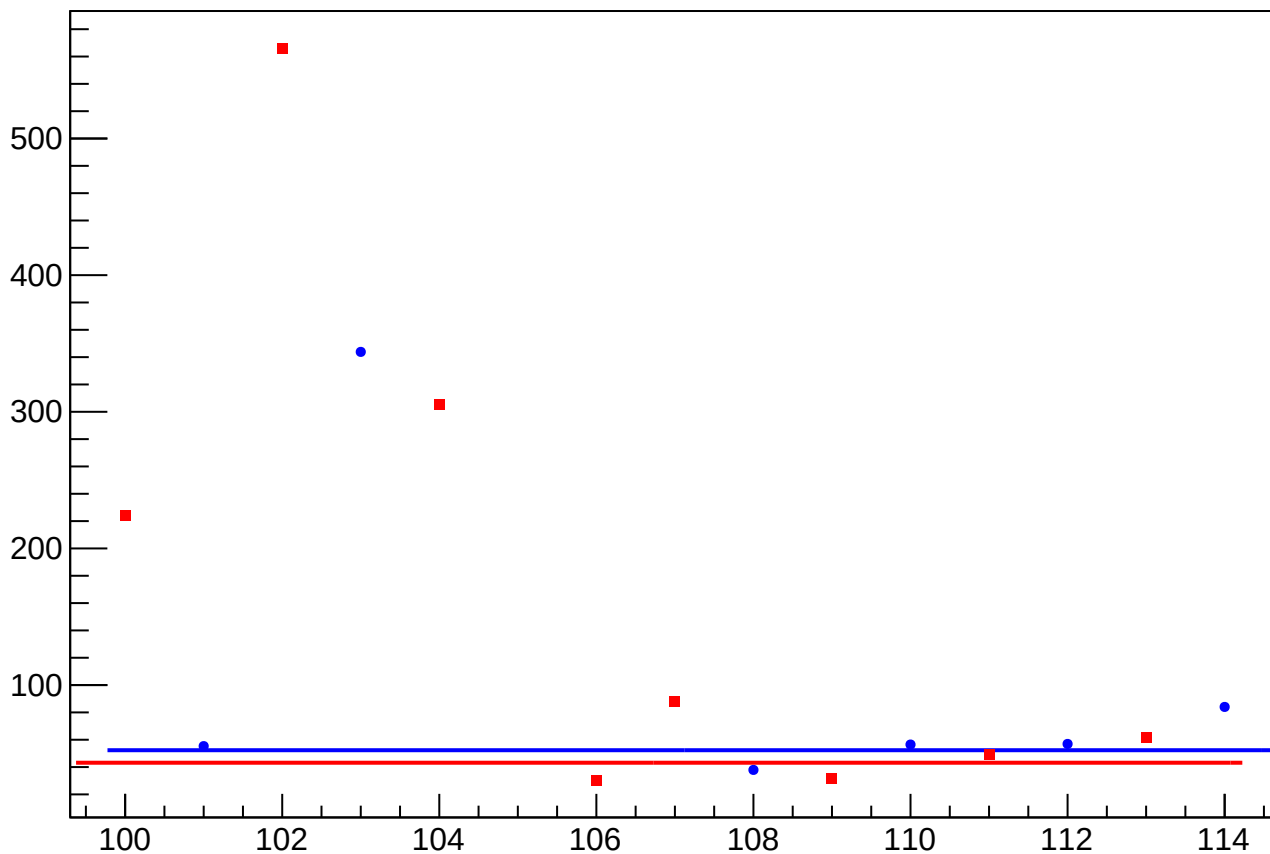
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

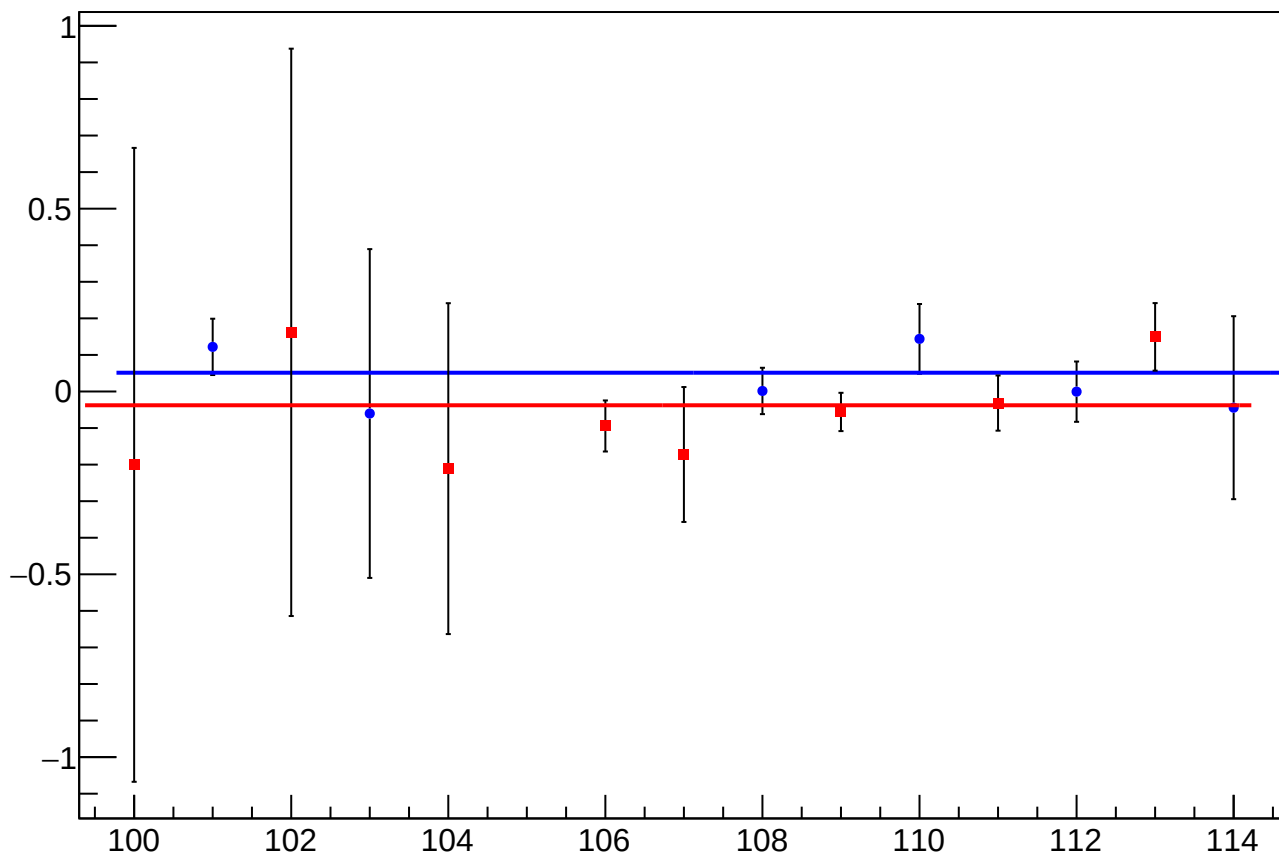
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

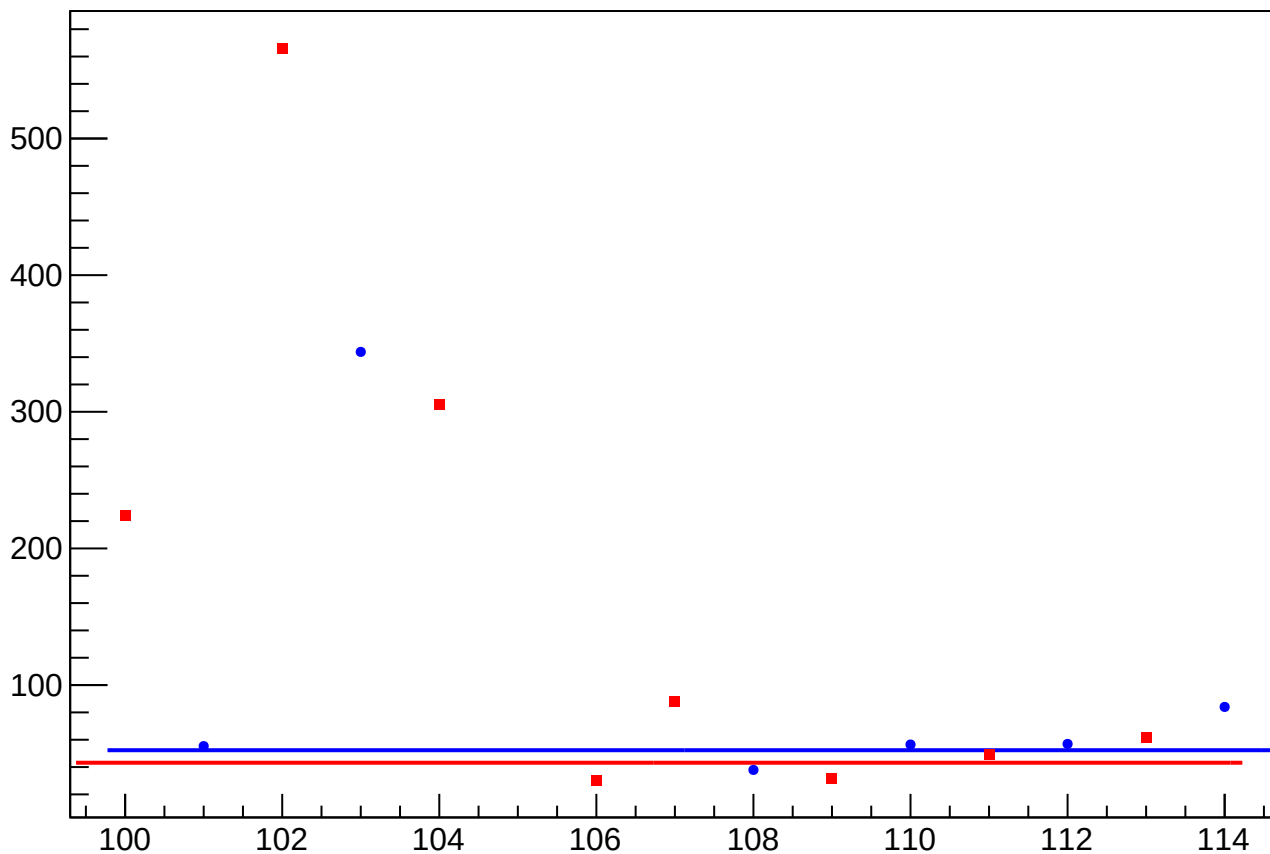
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

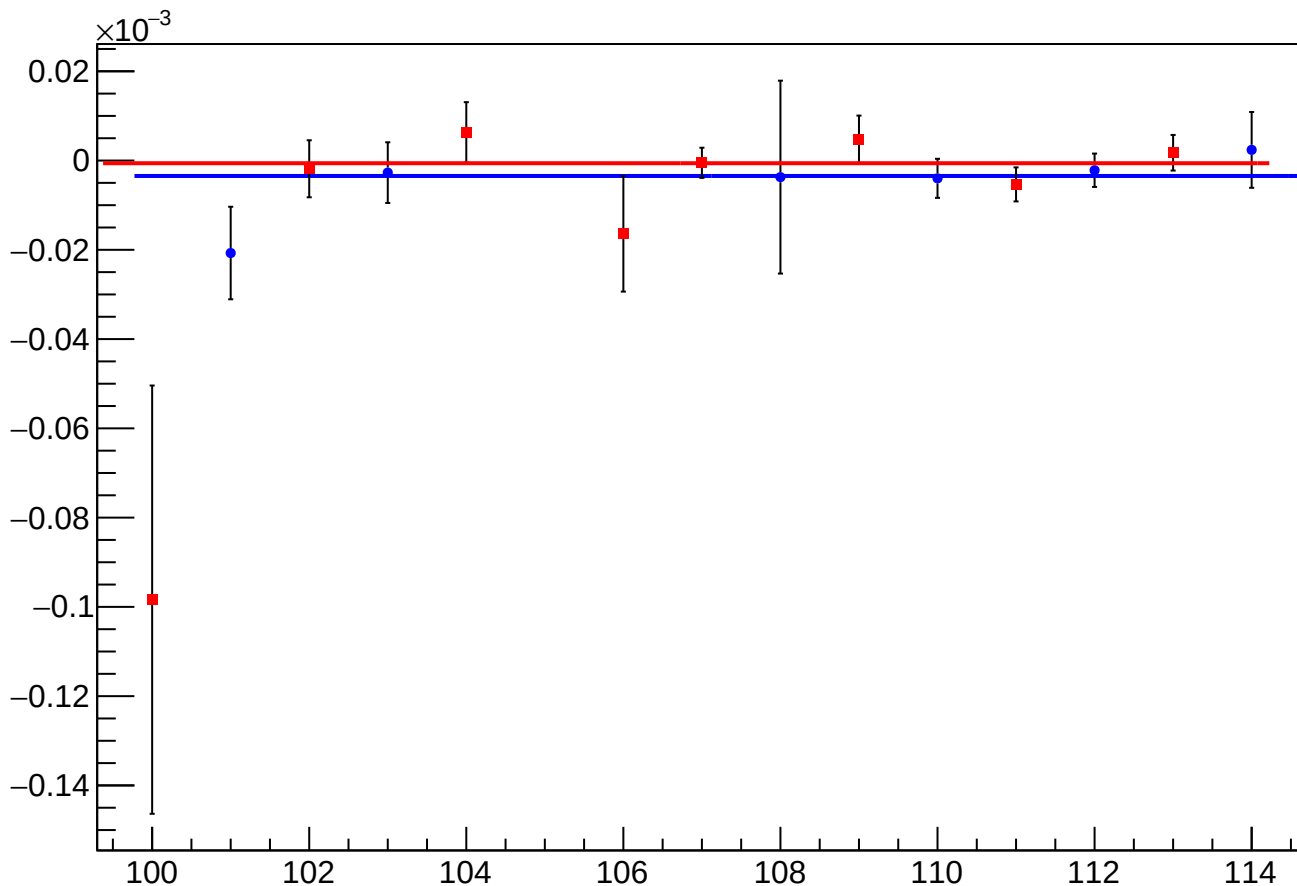
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/7

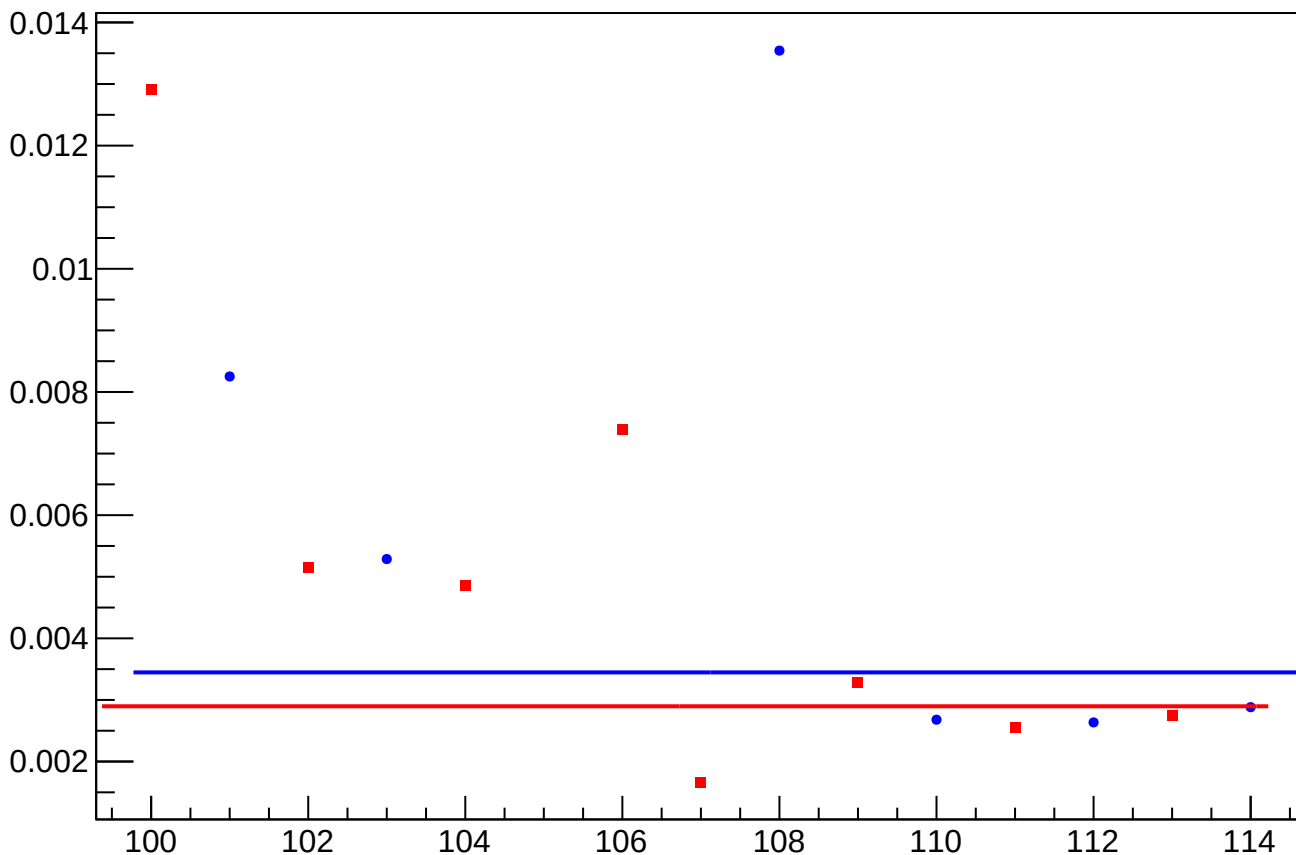
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1177767.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1042860.7/7

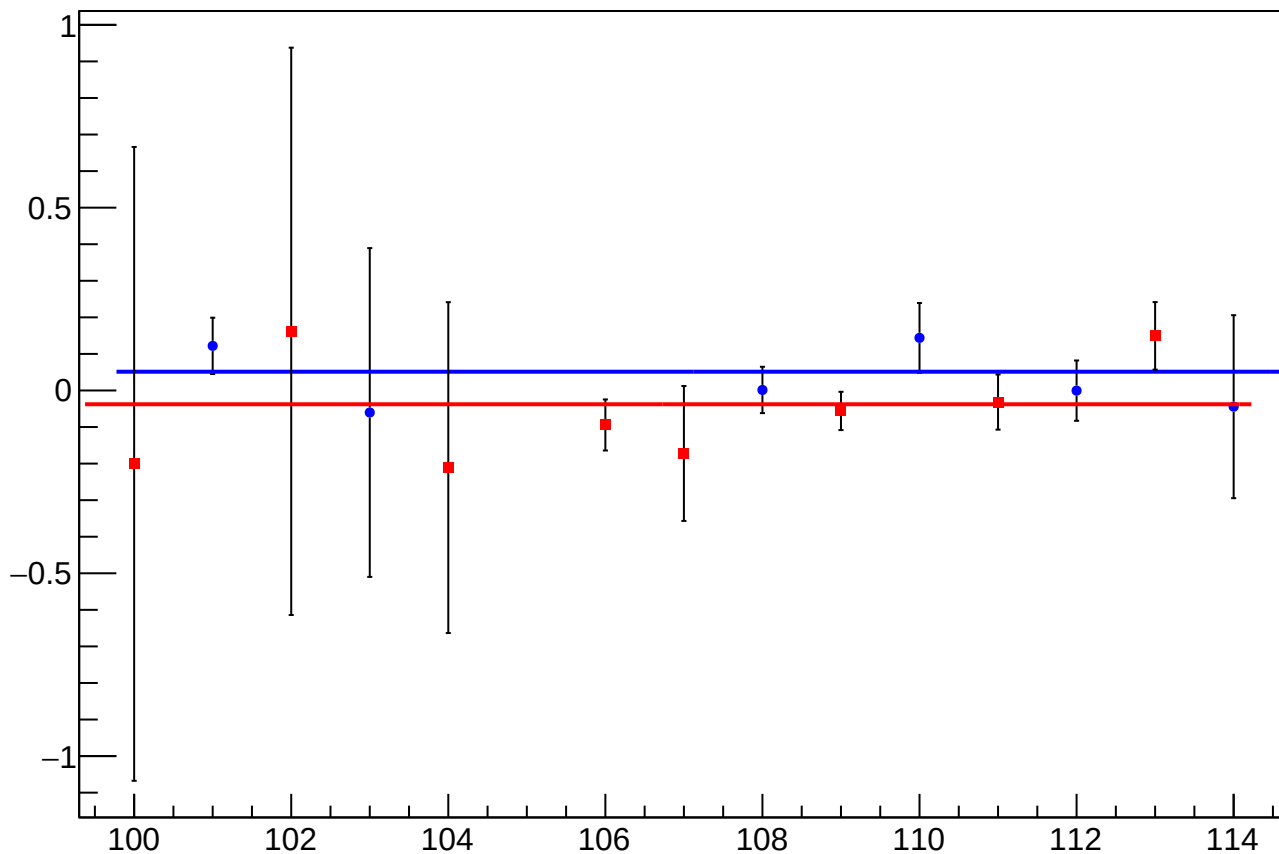
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2287108.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.051 $\pm$ 0.038 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.033 χ^2 /NDF: 5.7/7

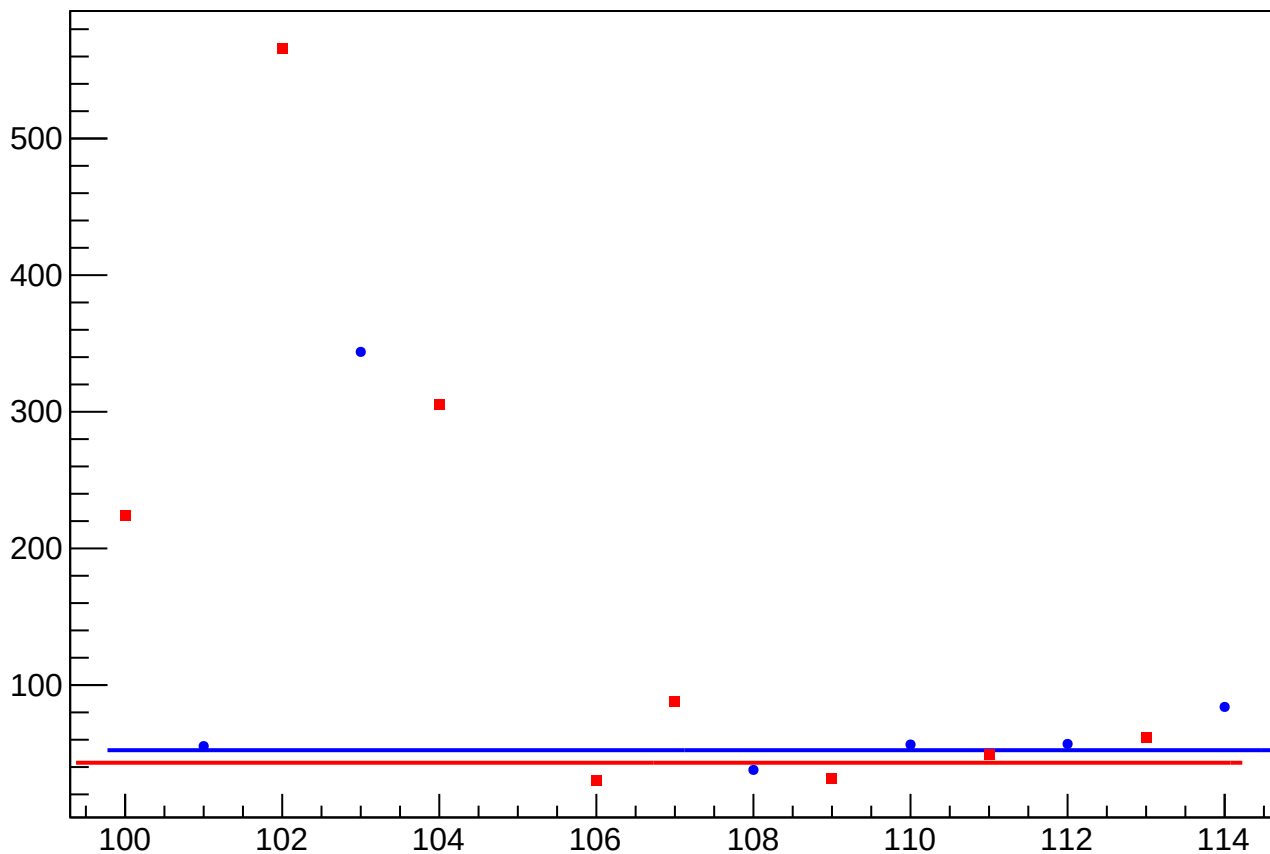
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.025 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

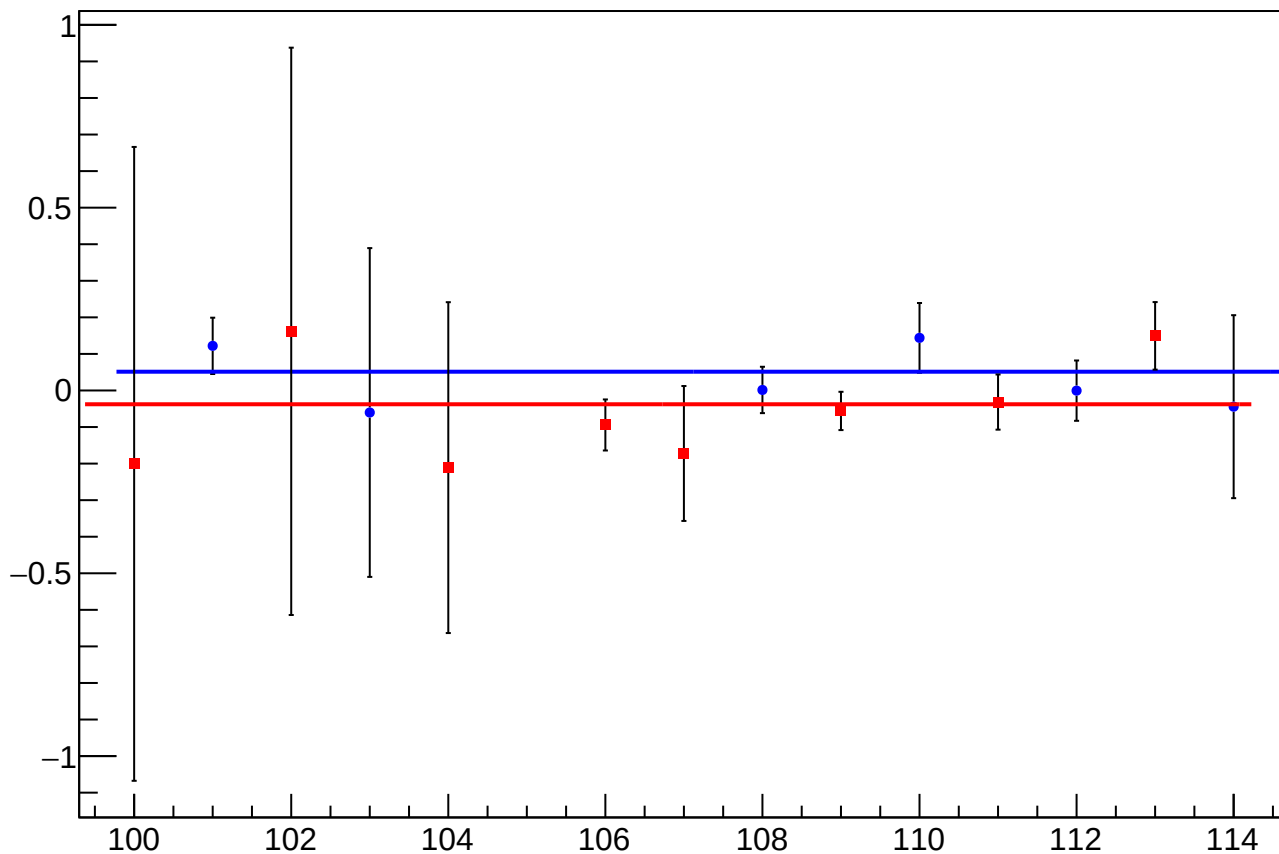
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.051 ± 0.038 χ^2/NDF : 3.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.033 χ^2/NDF : 5.7/7

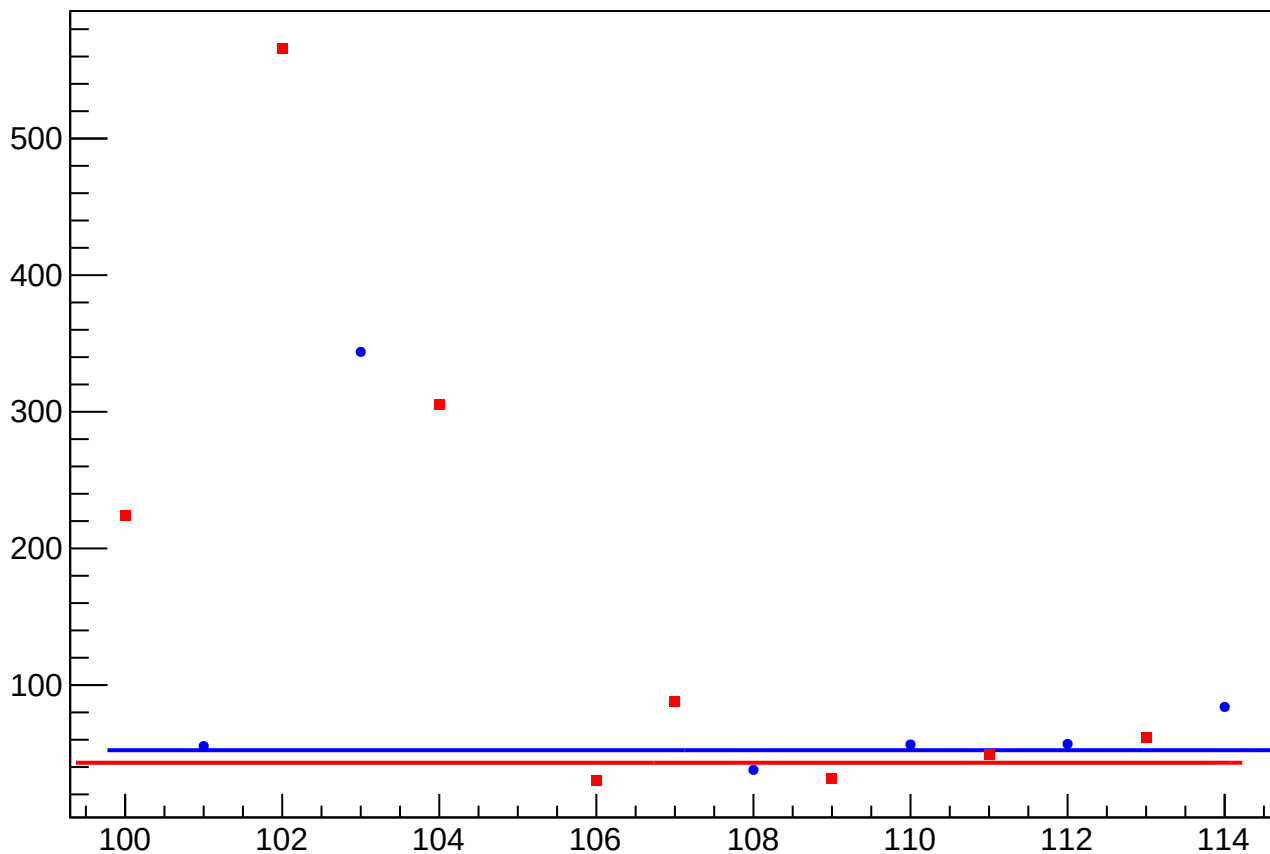
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.025 χ^2/NDF : 11.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

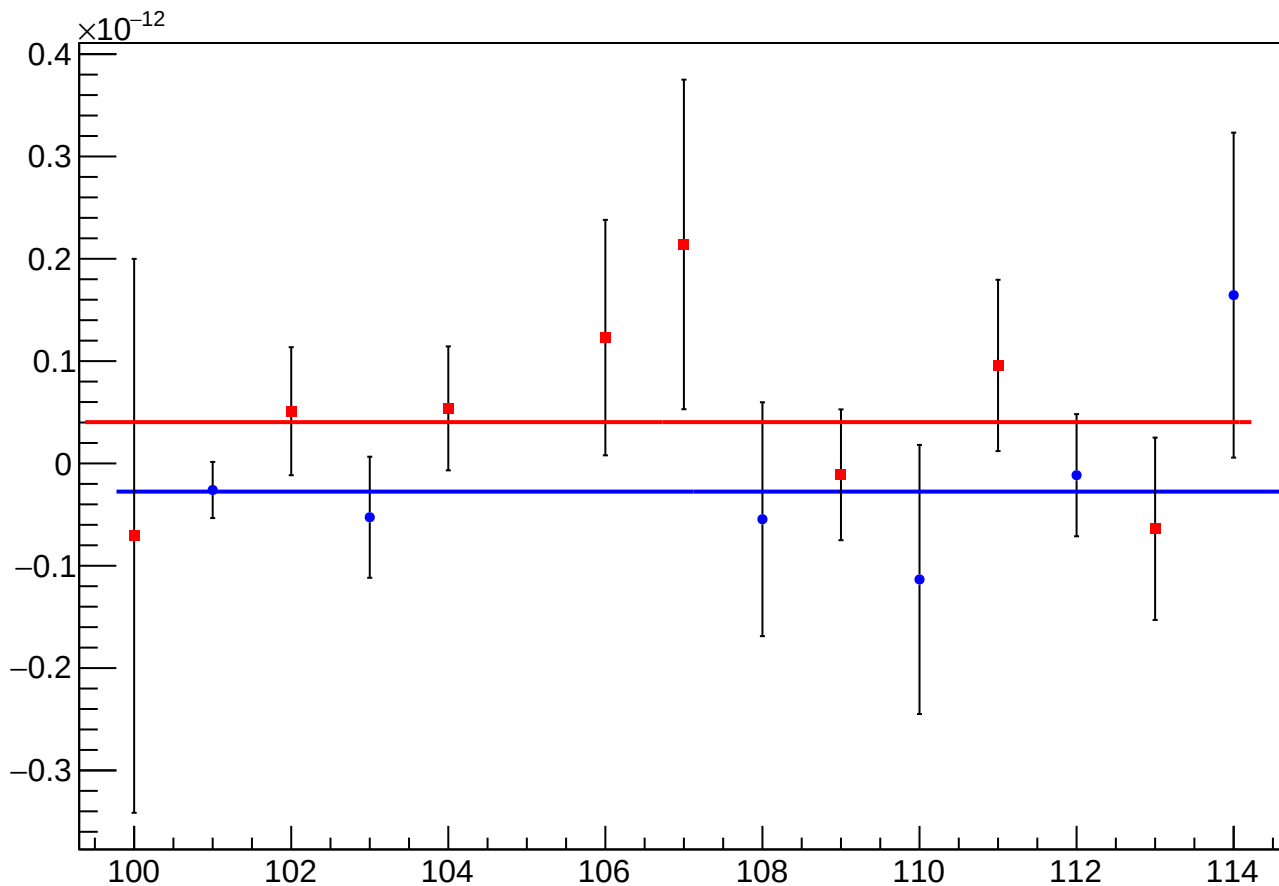
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 4.4/7

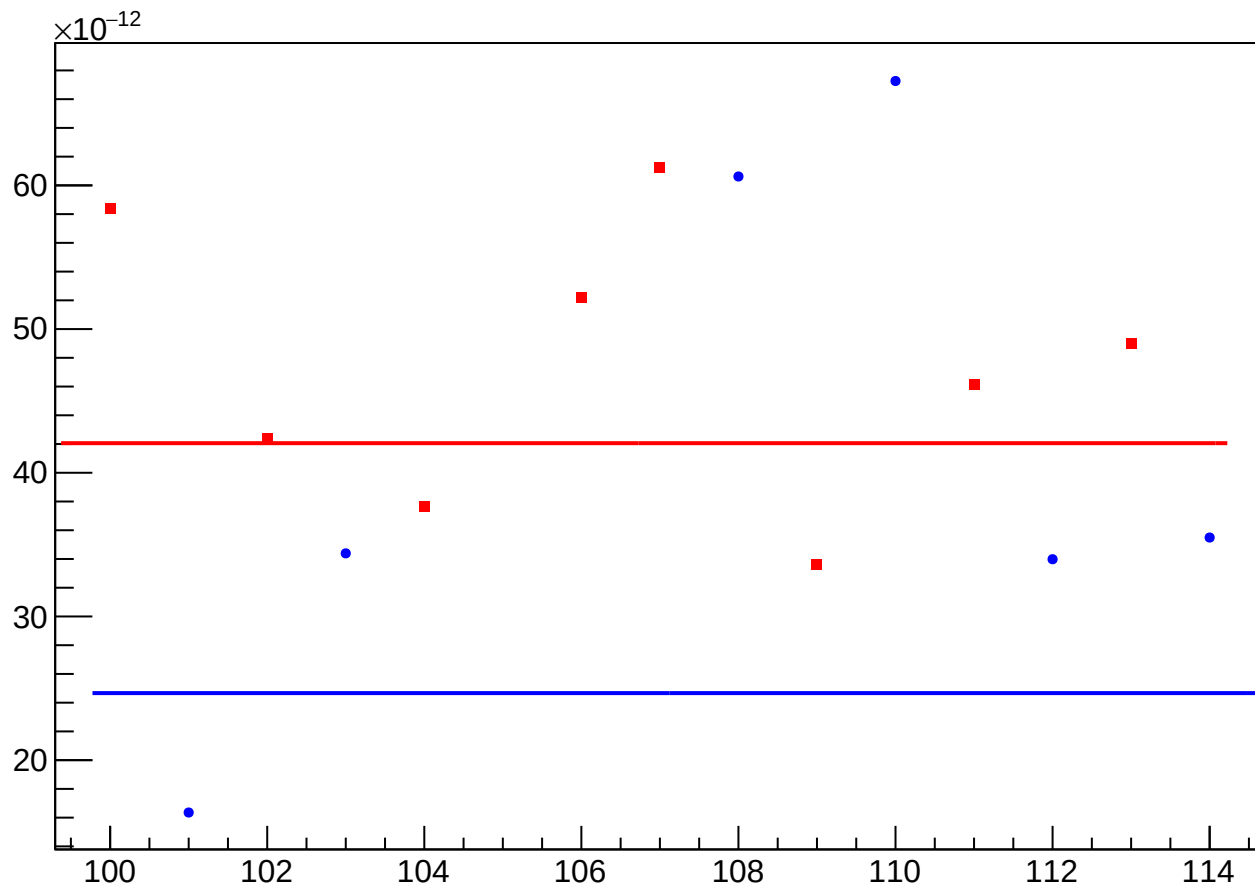
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 10.0/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 703355.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113758.1/7

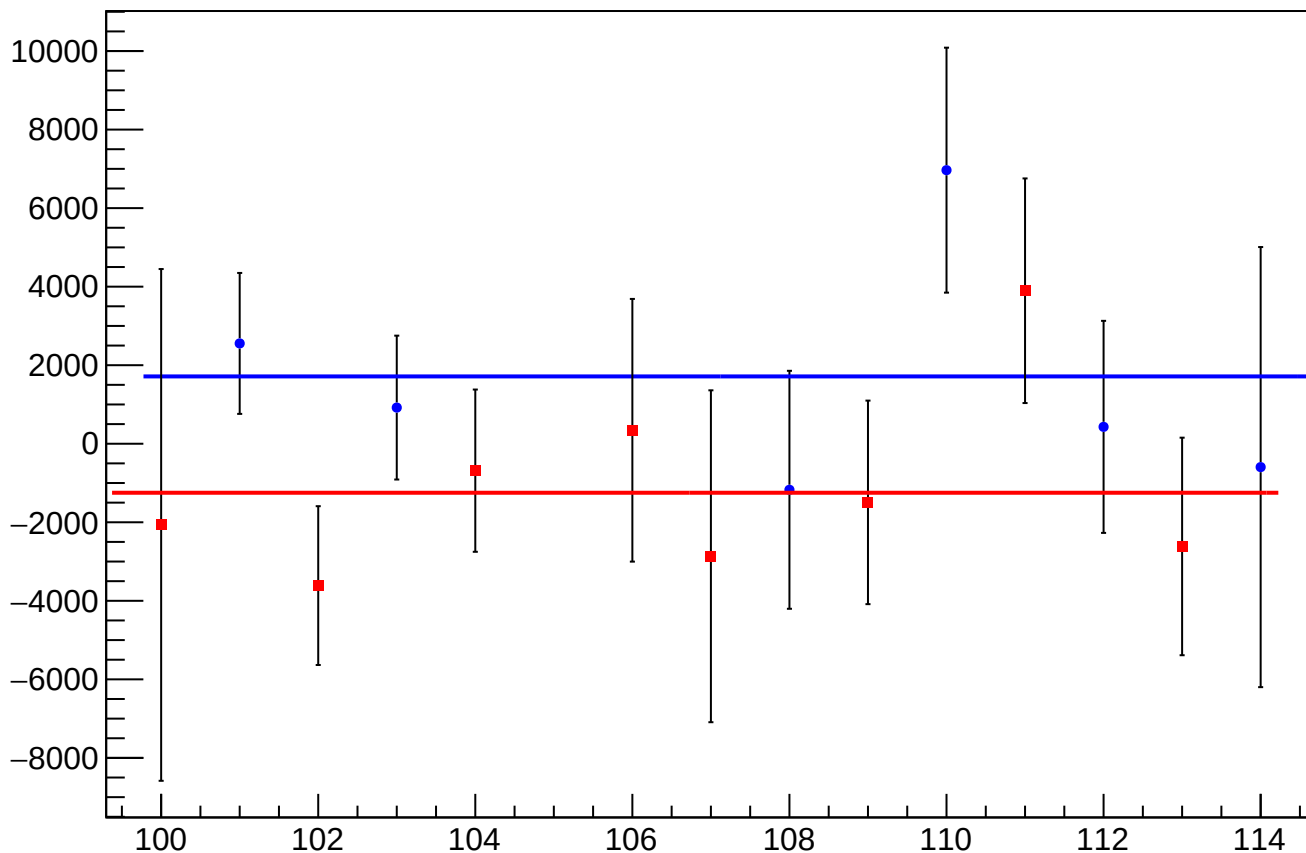
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1269049.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 1714.359+/-1005.444 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1248.075+/-976.228 χ^2/NDF : 5.3/7

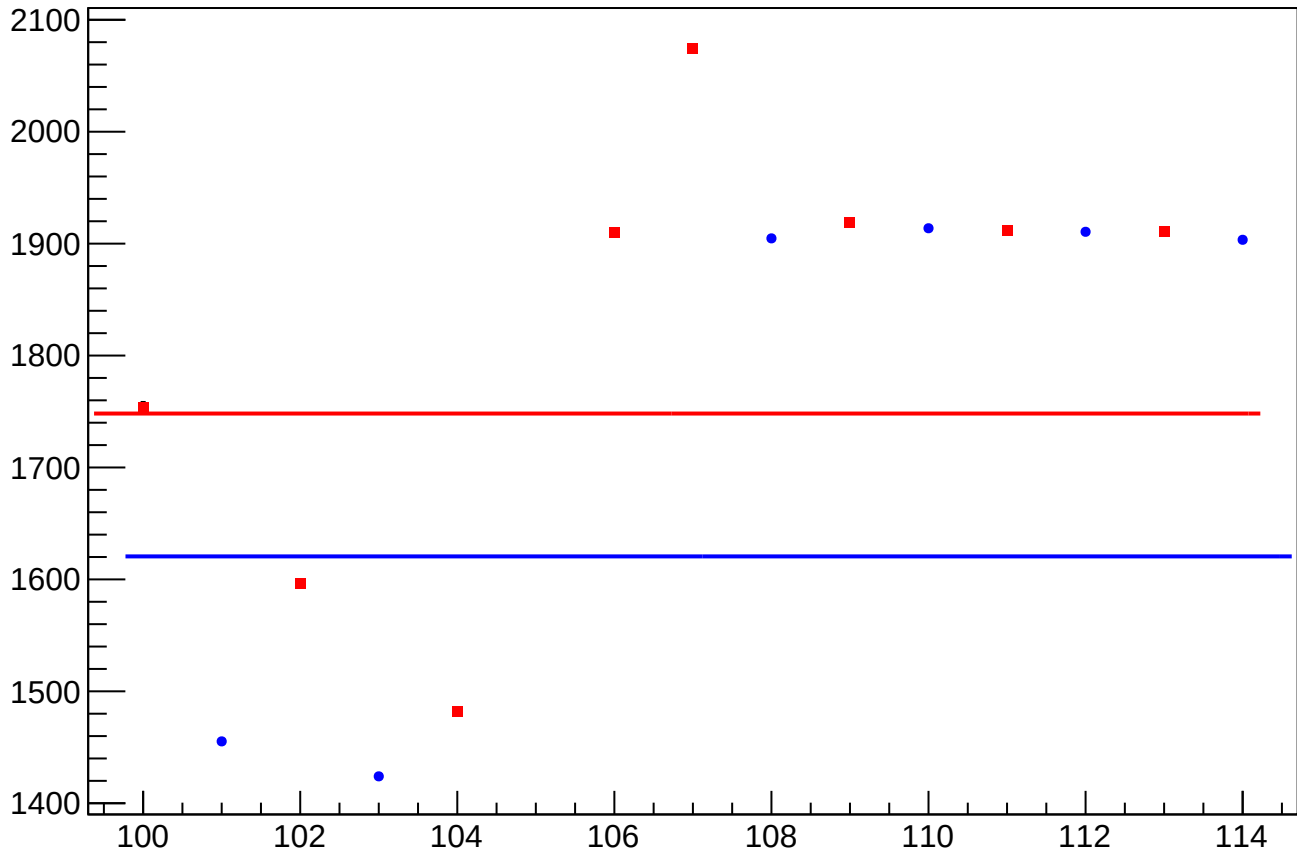
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.476+/-700.398 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1620.551+/-0.711 χ^2/NDF : 103418.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1748.190+/-0.690 χ^2/NDF : 83228.1/7

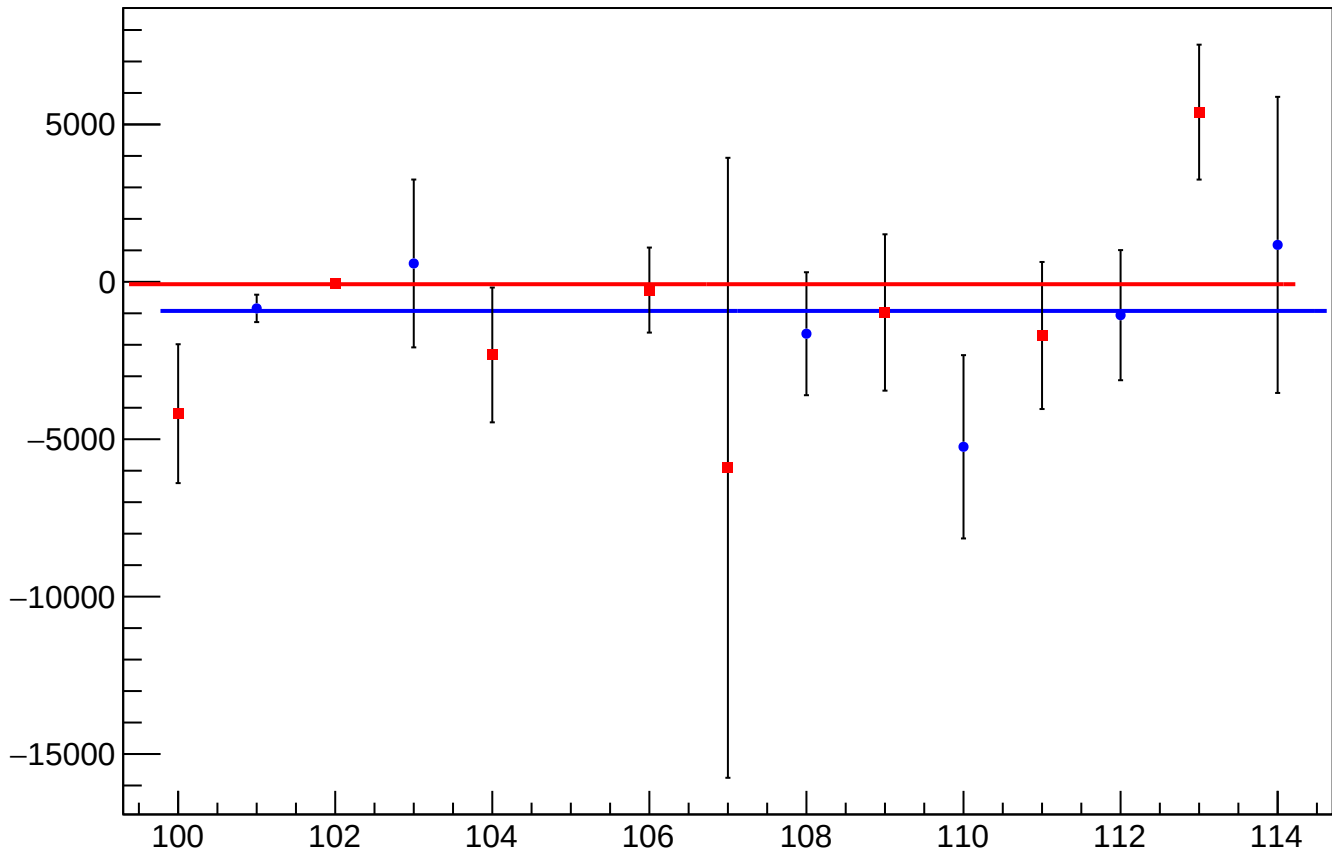
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.252+/-0.495 χ^2/NDF : 203237.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



Right In: -924.014 $\pm$ 405.721 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -75.358 $\pm$ 135.762 χ^2 /NDF: 12.1/7

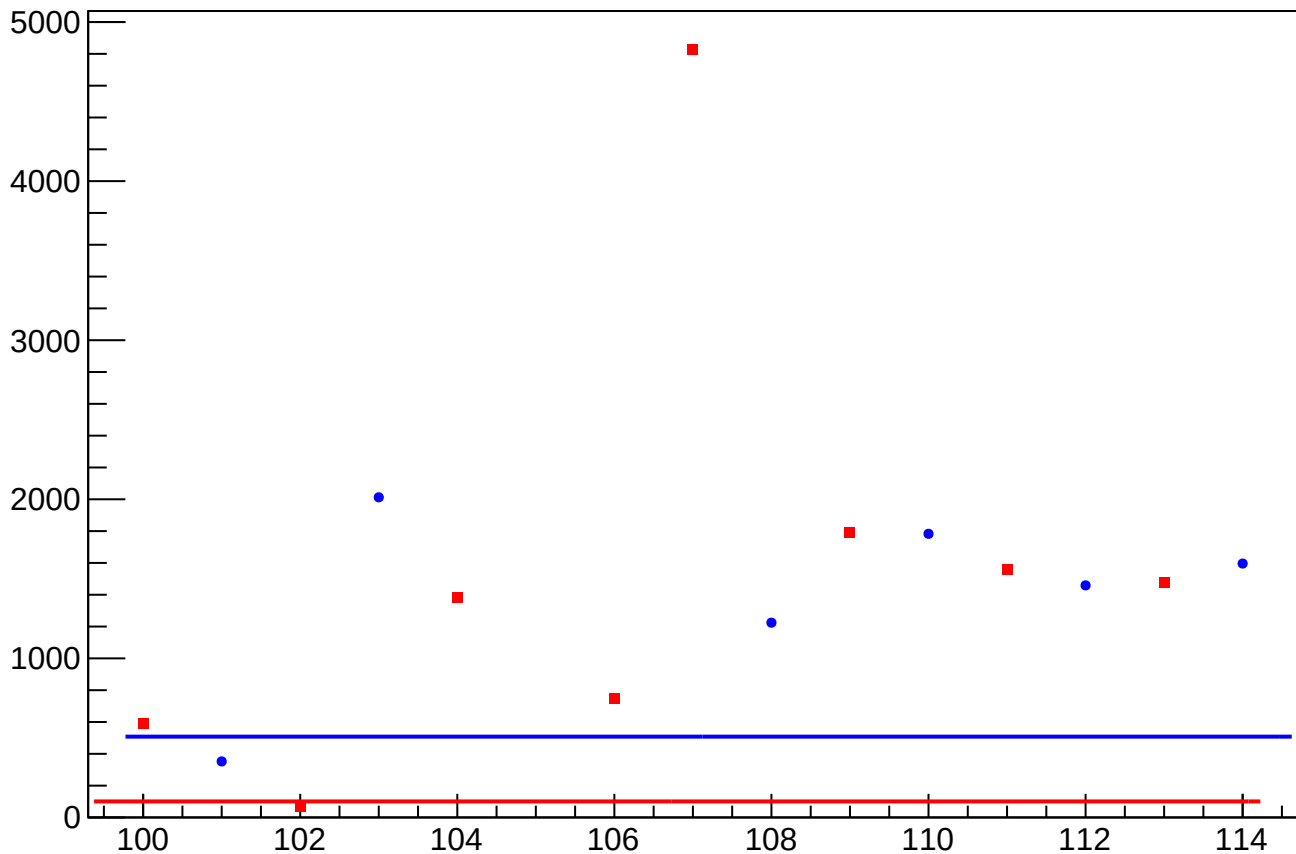
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -160.813 $\pm$ 128.745 χ^2 /NDF: 18.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 507.978+/-0.287 χ^2/NDF : 2075743.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.740+/-0.096 χ^2/NDF : 4368508.3/7

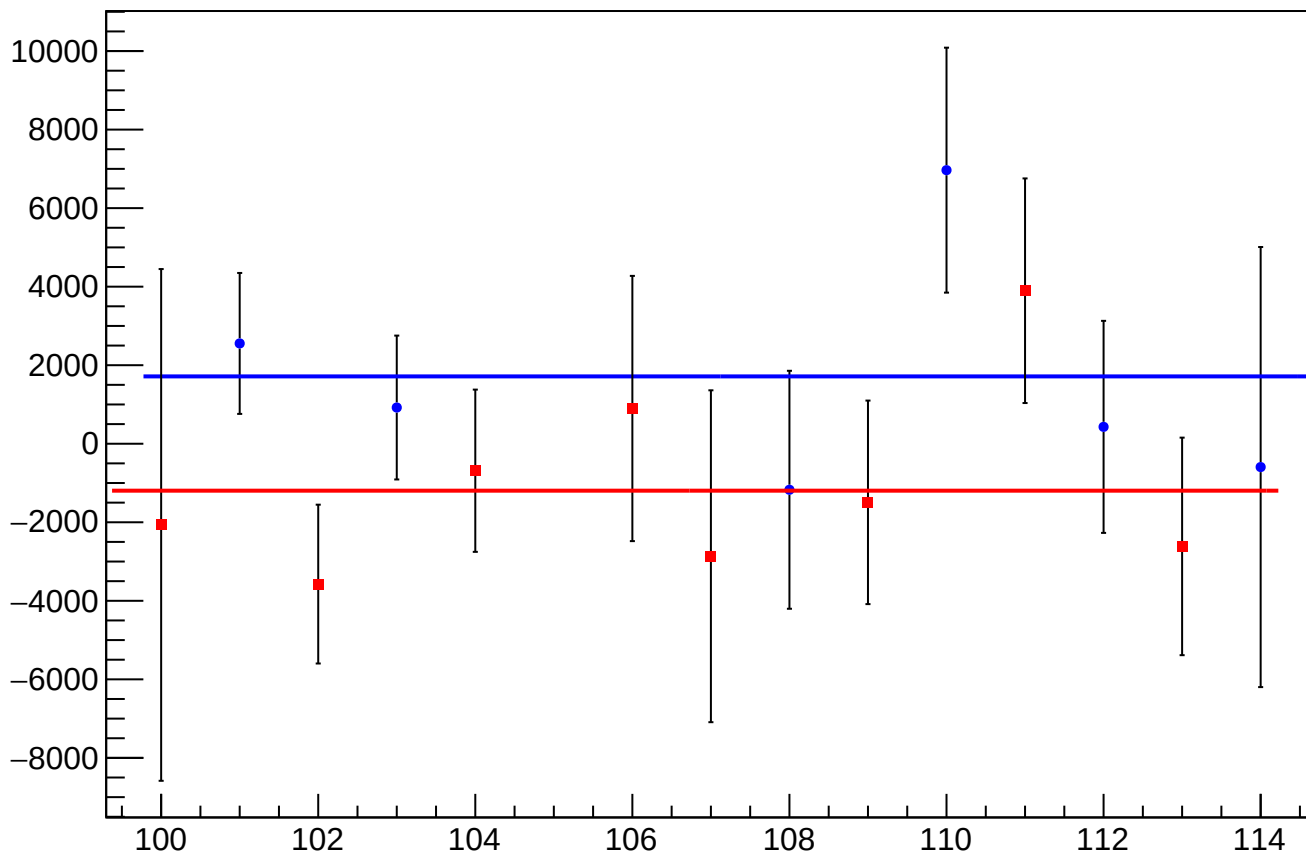
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.747+/-0.091 χ^2/NDF : 8256332.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1714.868+/-1005.444 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1195.303+/-977.051 χ^2/NDF : 5.4/7

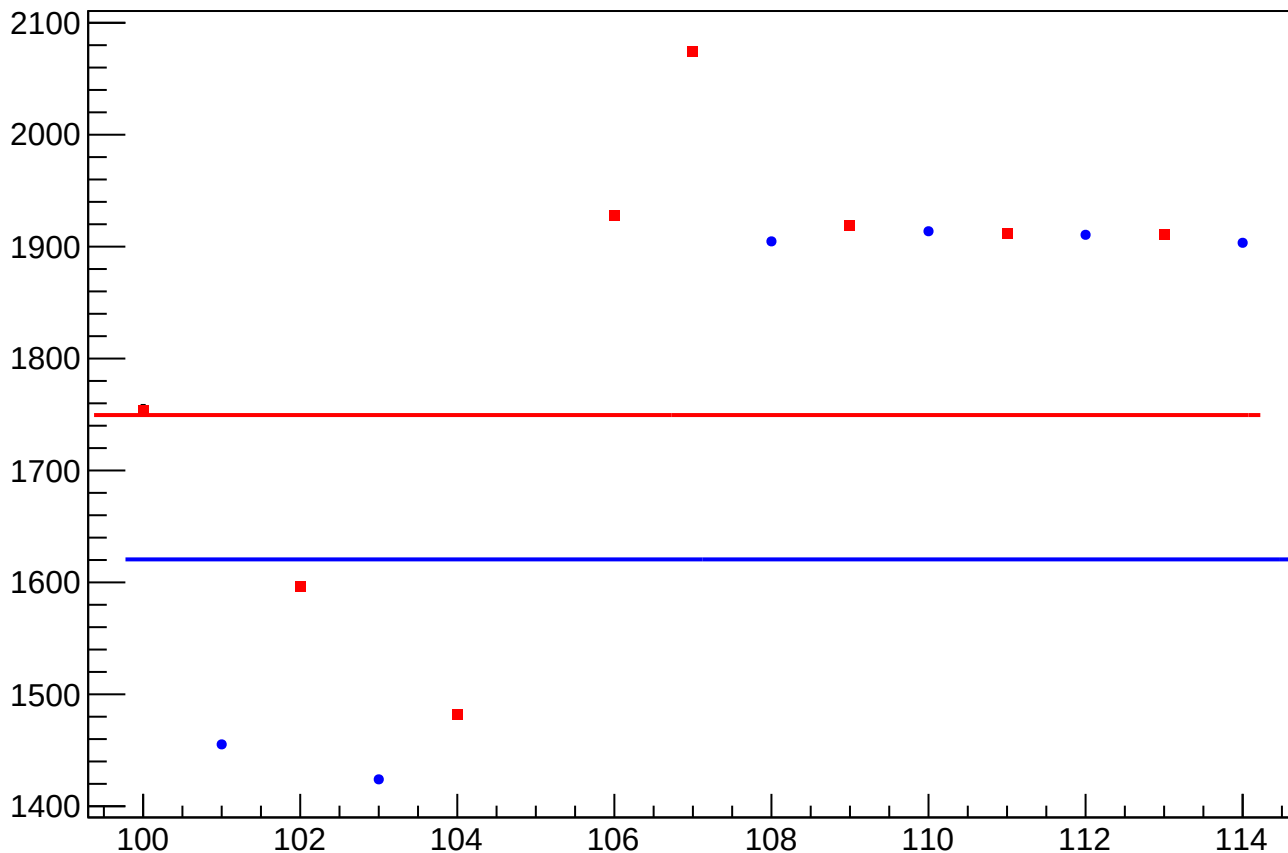
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.112+/-700.702 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1620.551+/-0.711 χ^2 /NDF: 103418.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1749.518+/-0.691 χ^2 /NDF: 84201.0/7

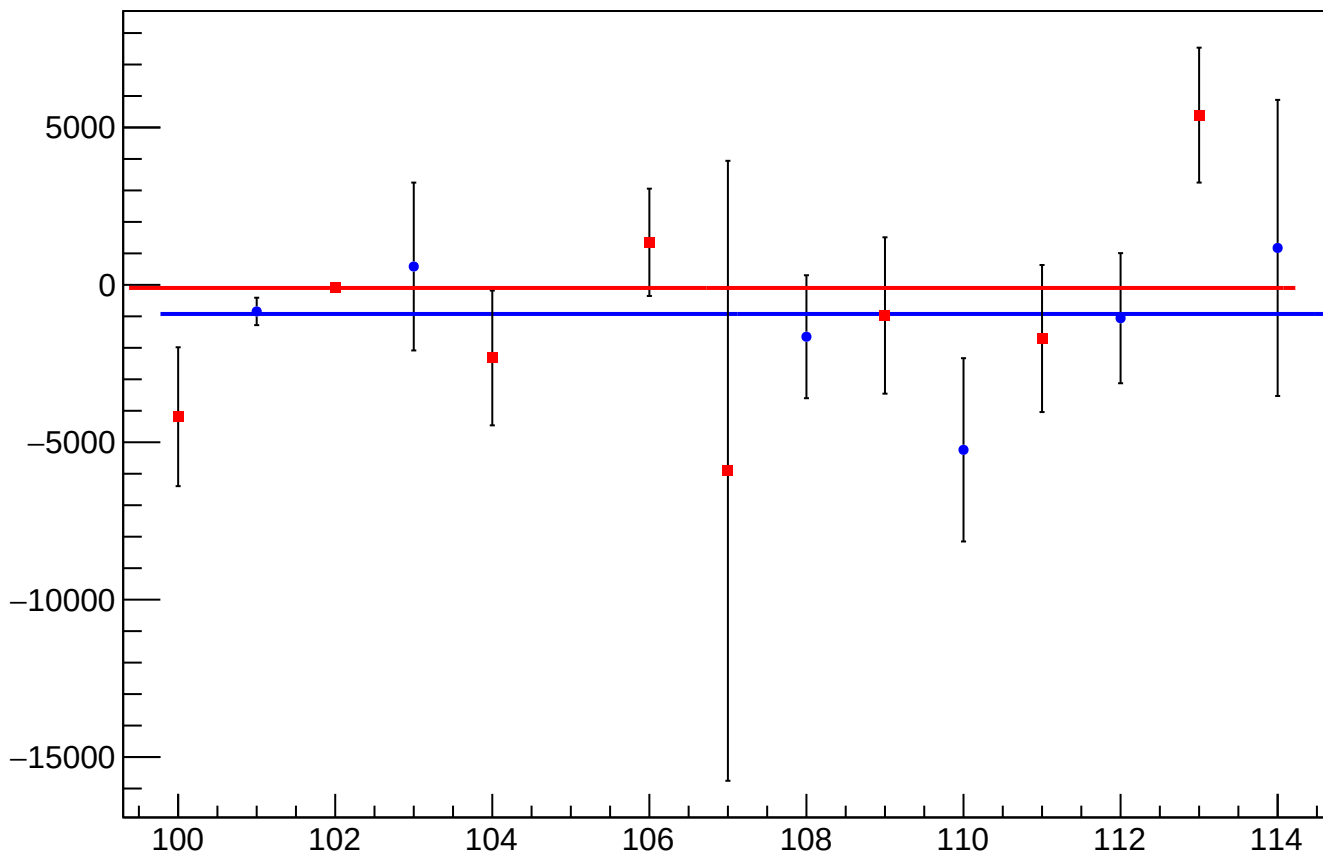
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1686.881+/-0.495 χ^2 /NDF: 204543.6/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -924.096 $\pm$ 405.721 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -97.771 $\pm$ 148.512 χ^2 /NDF: 12.7/7

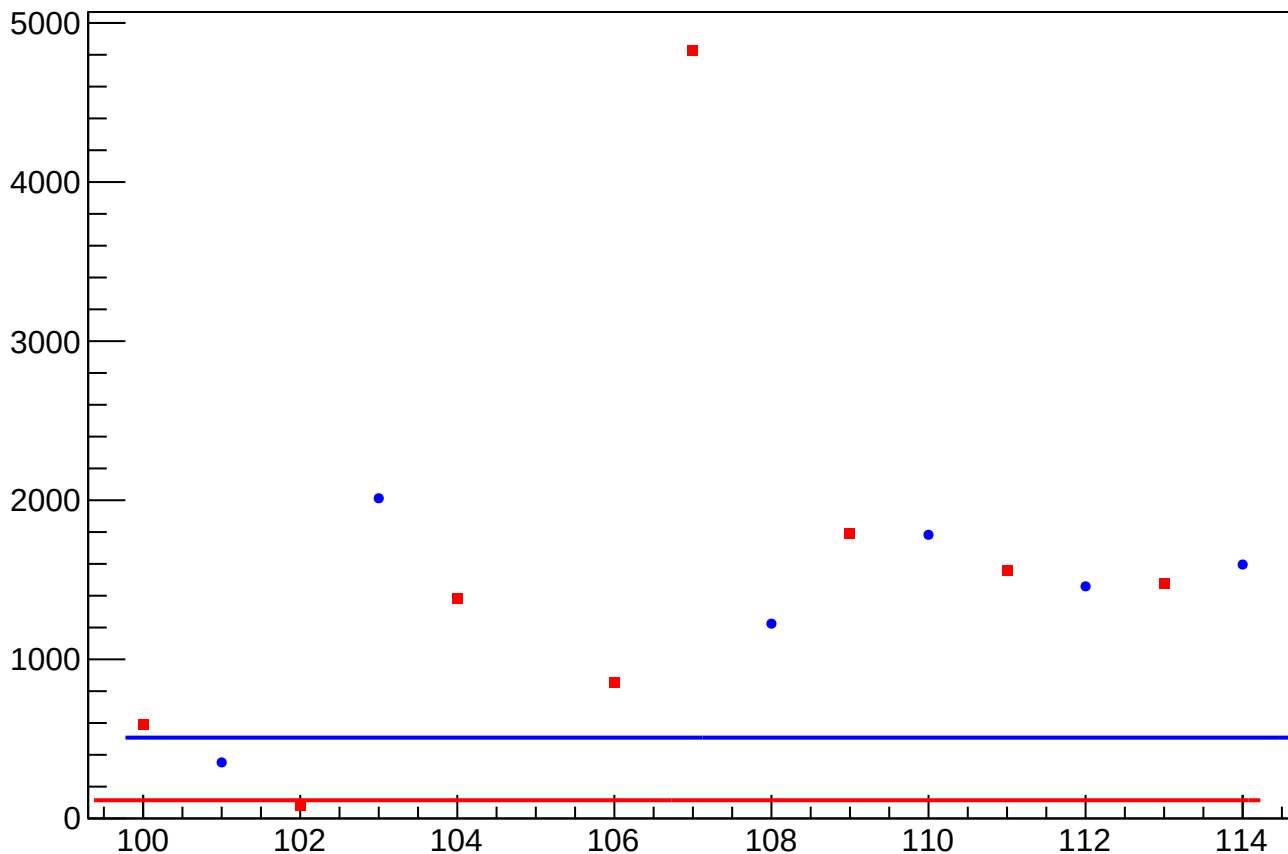
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.407 $\pm$ 139.462 χ^2 /NDF: 19.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 507.974+/-0.287 χ^2/NDF : 2075761.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.412+/-0.105 χ^2/NDF : 4219706.8/7

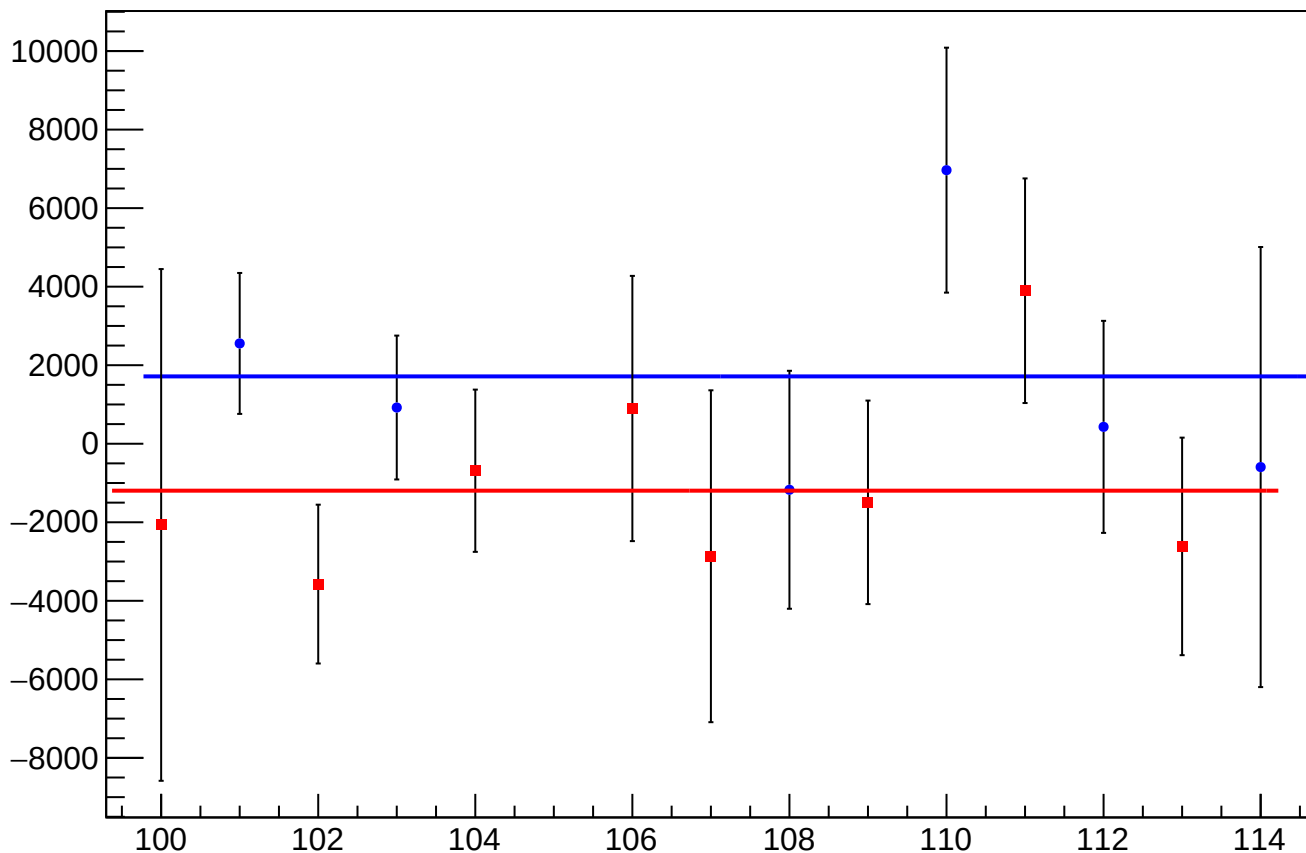
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.914+/-0.099 χ^2/NDF : 7955028.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1714.868+/-1005.444 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1195.303+/-977.051 χ^2/NDF : 5.4/7

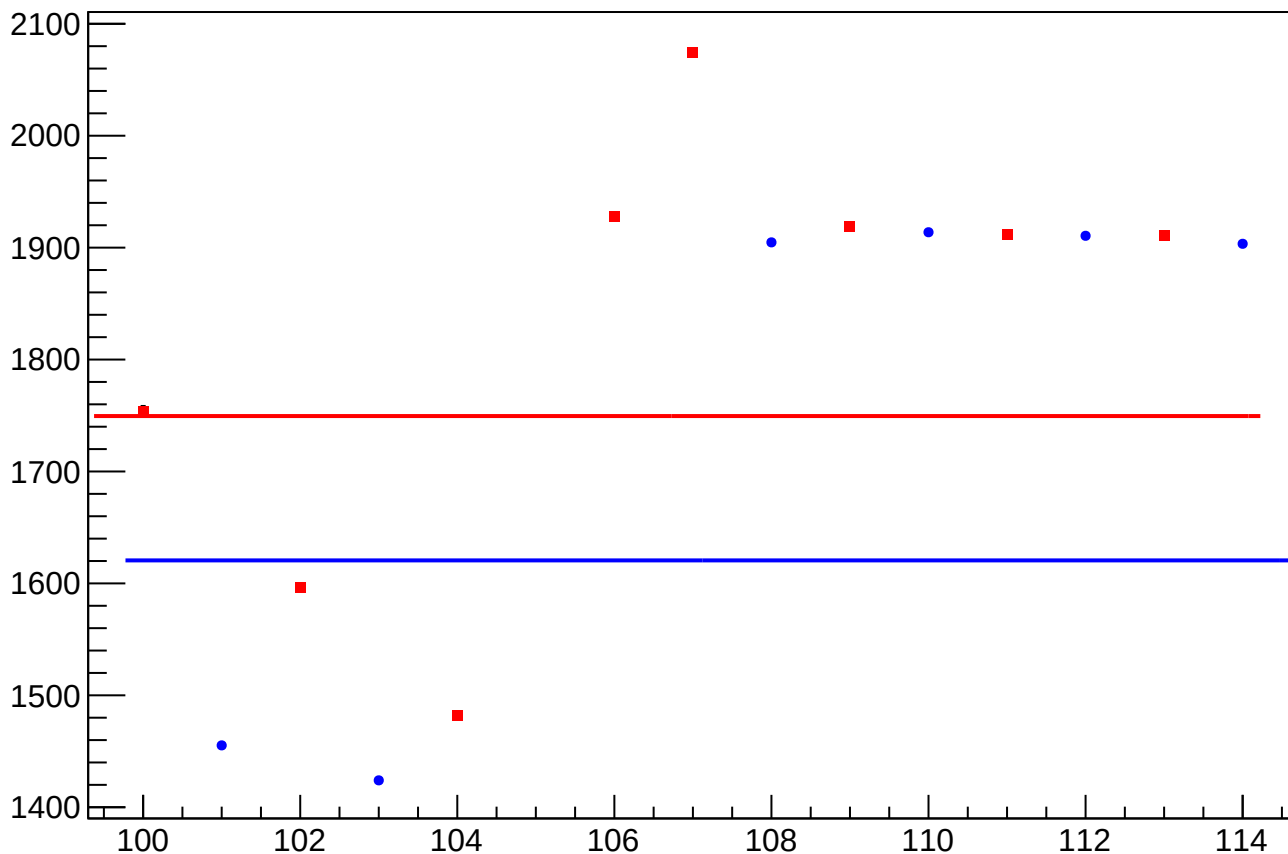
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.112+/-700.702 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1620.551+/-0.711 χ^2/NDF : 103418.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1749.518+/-0.691 χ^2/NDF : 84201.0/7

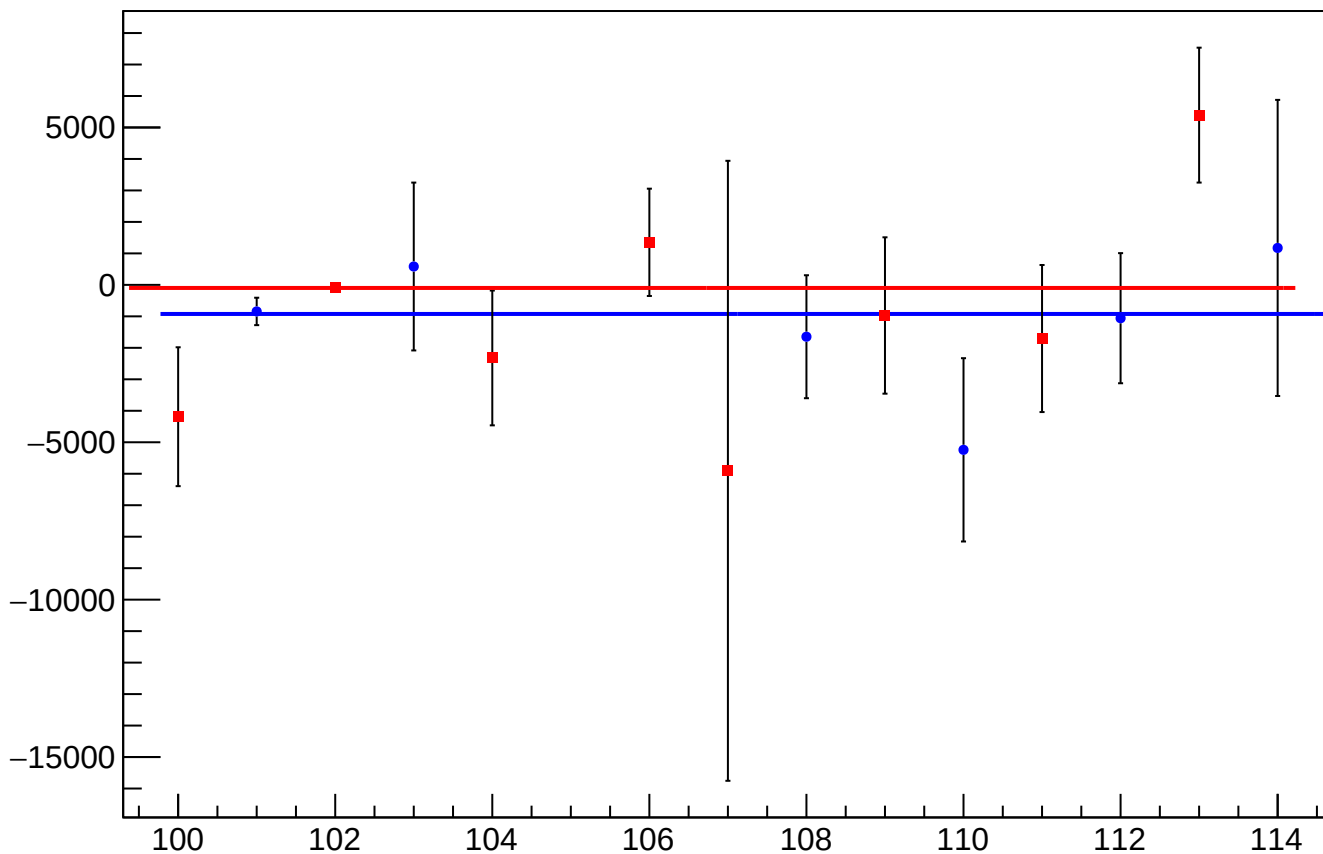
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.881+/-0.495 χ^2/NDF : 204543.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



Right In: -924.096 $\pm$ 405.721 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -97.771 $\pm$ 148.512 χ^2 /NDF: 12.7/7

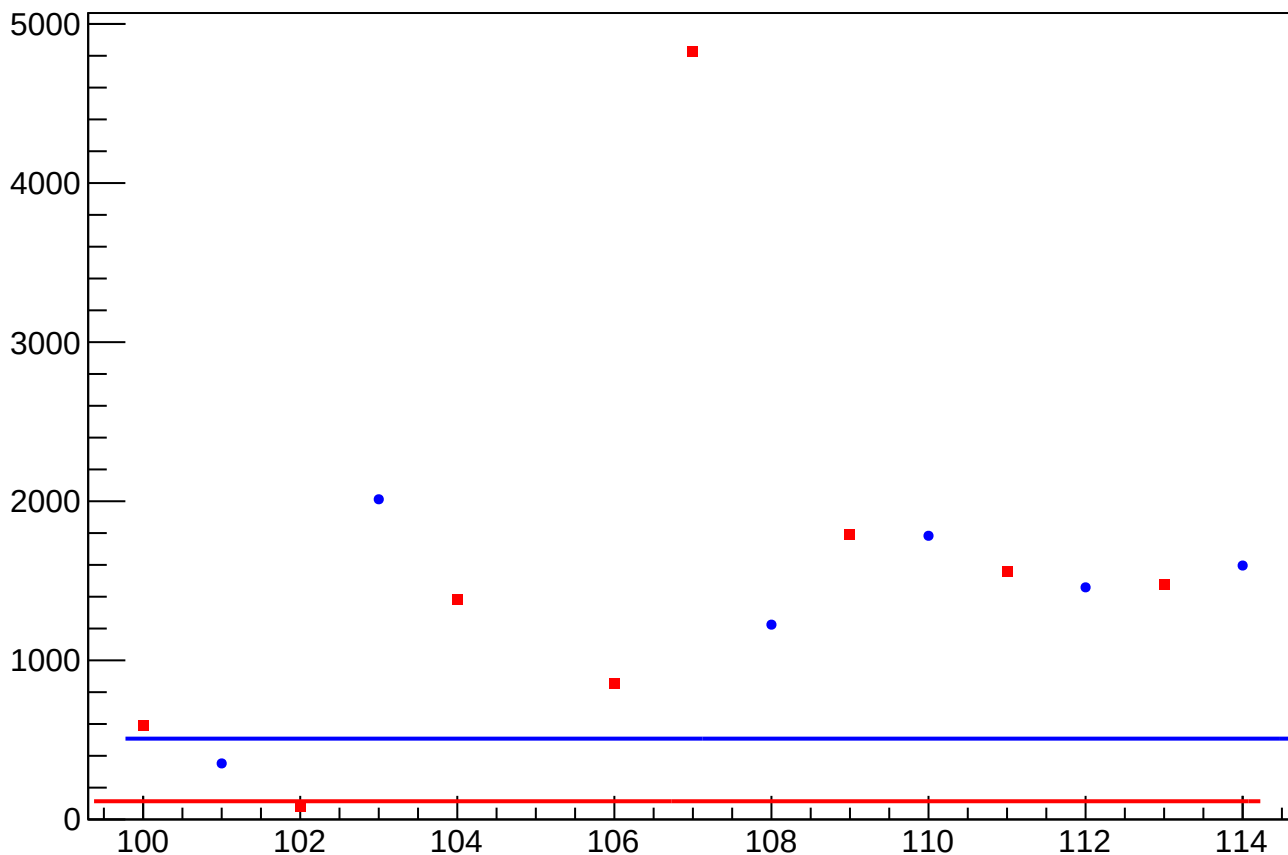
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.407 $\pm$ 139.462 χ^2 /NDF: 19.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 507.974+/-0.287 χ^2/NDF : 2075761.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.412+/-0.105 χ^2/NDF : 4219706.8/7

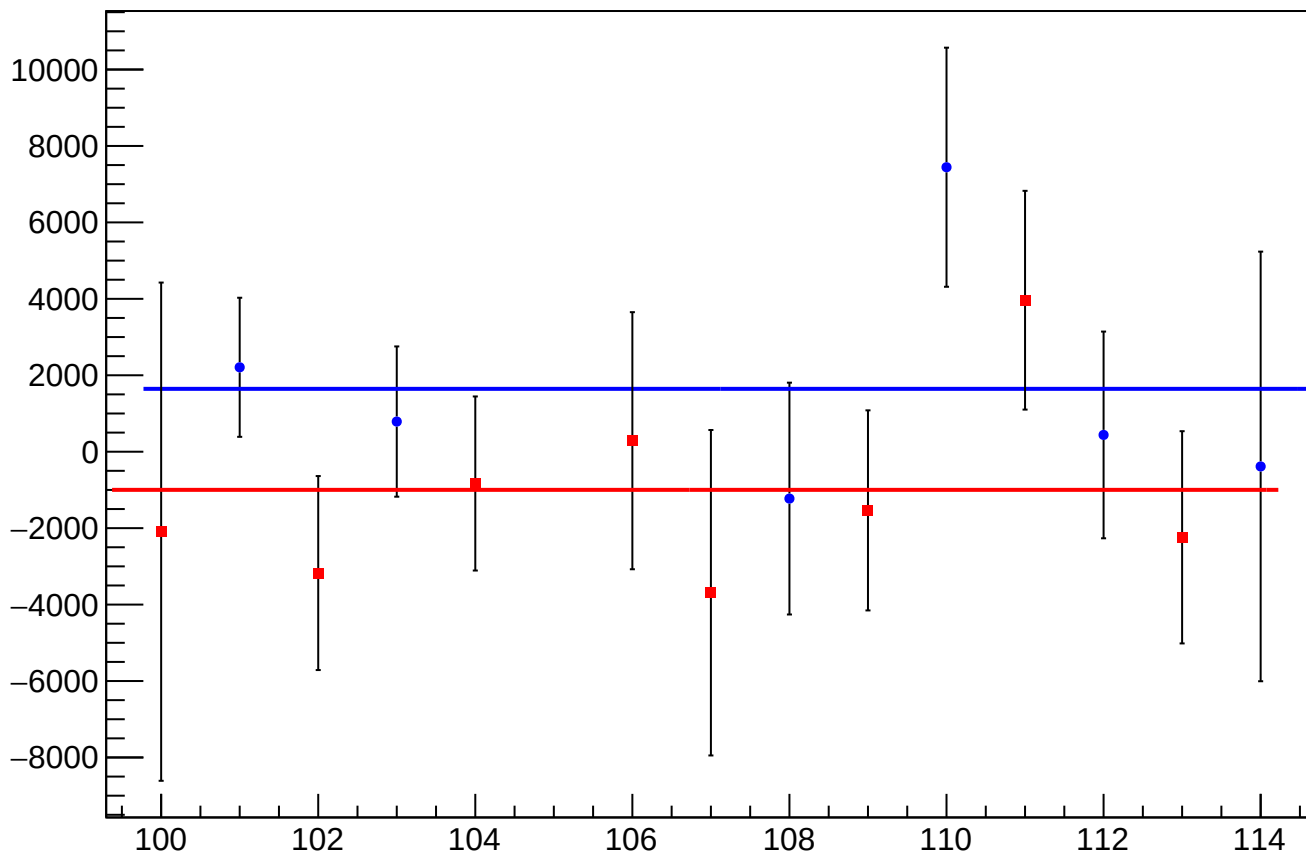
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.914+/-0.099 χ^2/NDF : 7955028.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1645.042 $\pm$ 1031.370 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -998.062 $\pm$ 1046.597 χ^2 /NDF: 4.6/7

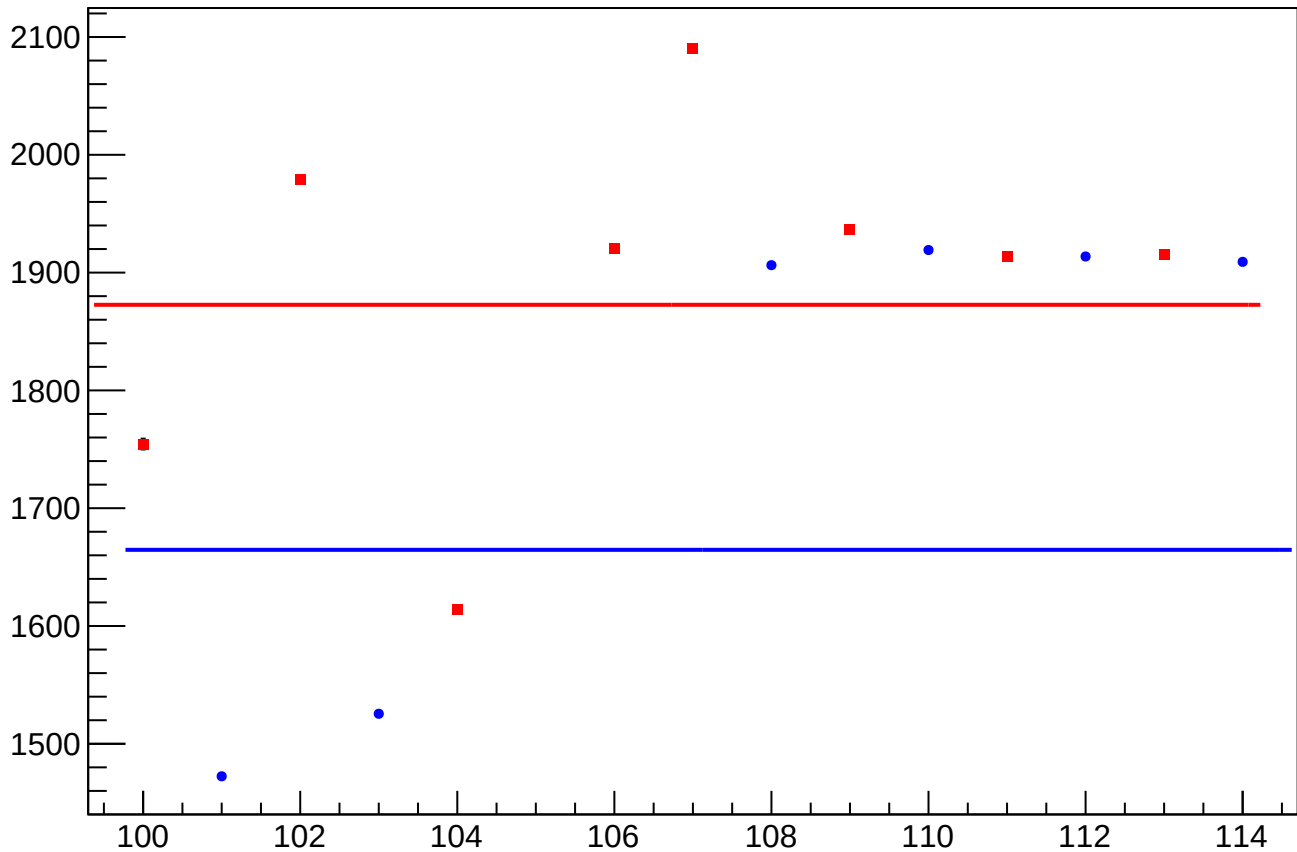
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 342.857 $\pm$ 734.613 χ^2 /NDF: 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1664.662 $\pm$ 0.729 χ^2 /NDF: 79027.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1872.665 $\pm$ 0.740 χ^2 /NDF: 37734.2/7

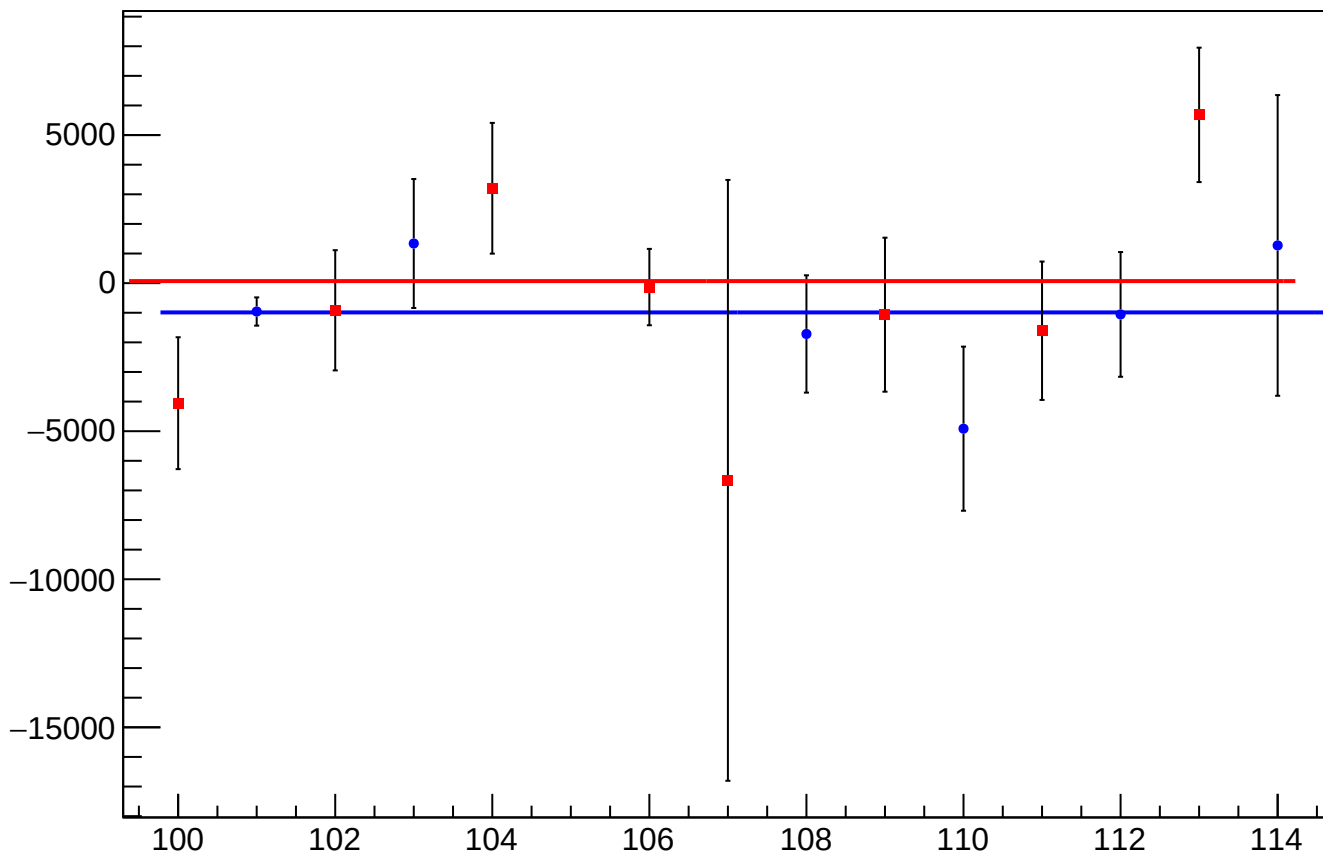
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1767.139 $\pm$ 0.519 χ^2 /NDF: 156838.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_correction_mean vs Slug



Right In: -988.828+/-436.132 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.231+/-748.371 χ^2/NDF : 13.0/7

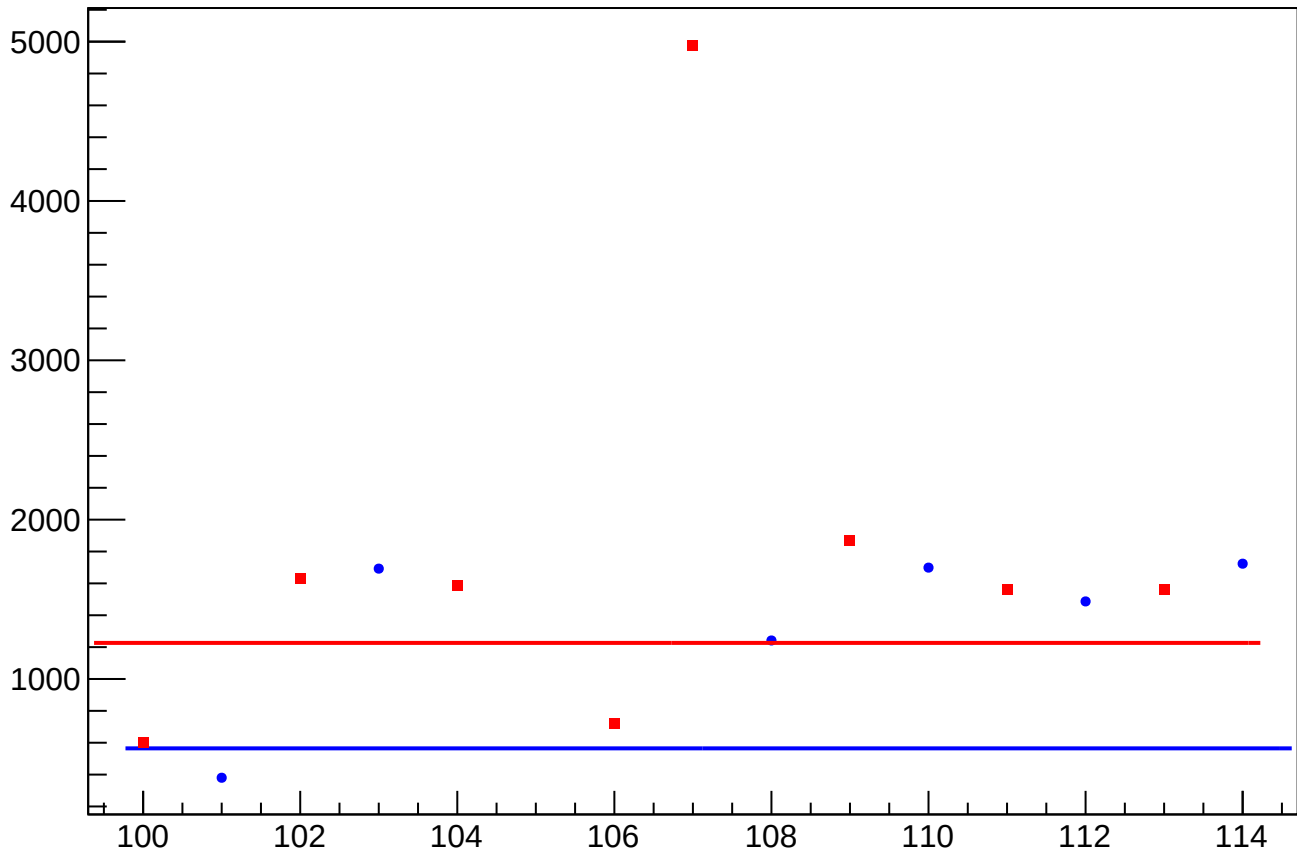
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.585+/-376.813 χ^2/NDF : 17.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 564.614+/-0.308 χ^2/NDF : 1891938.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1226.470+/-0.529 χ^2/NDF : 1076509.9/7

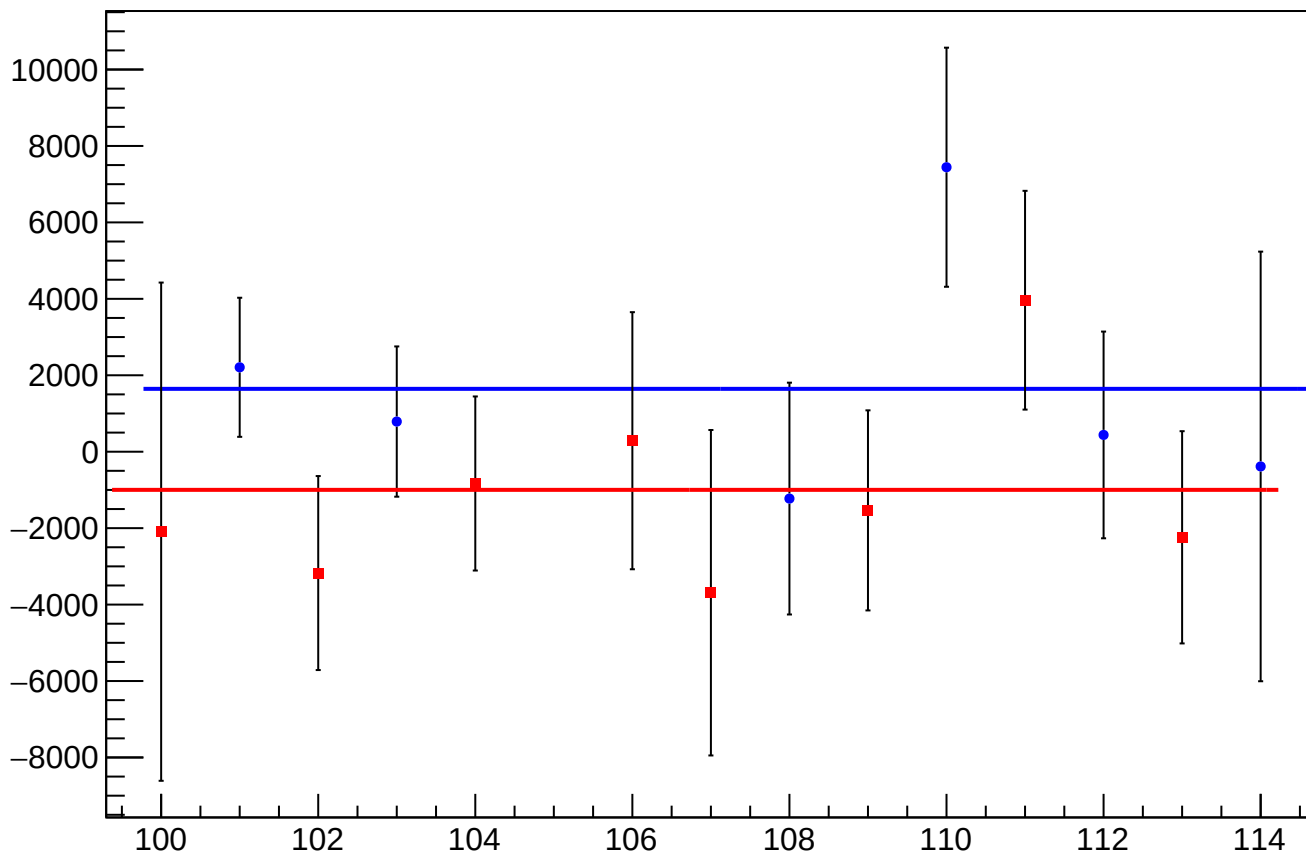
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.410+/-0.266 χ^2/NDF : 4136168.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1645.038 $\pm$ 1031.370 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -998.057 $\pm$ 1046.596 χ^2 /NDF: 4.6/7

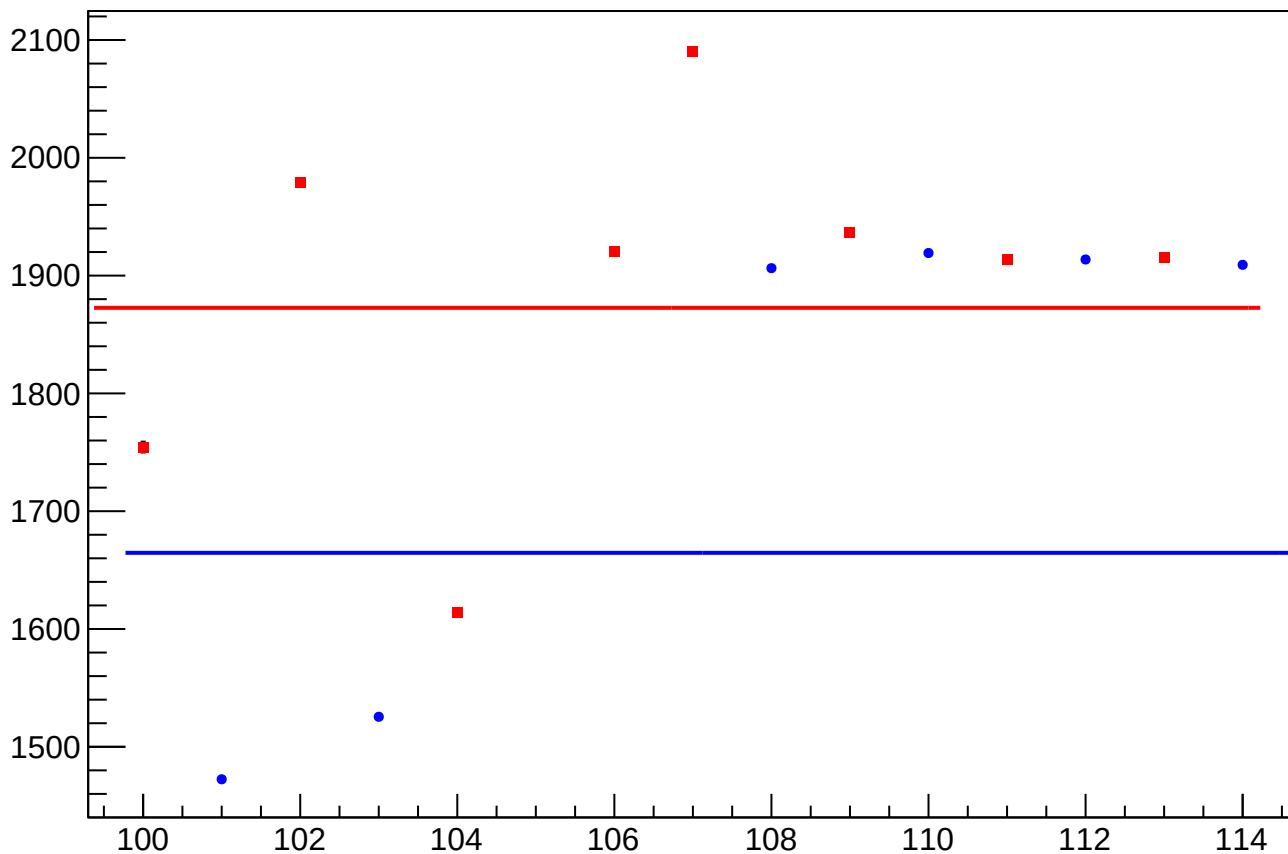
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 342.857 $\pm$ 734.613 χ^2 /NDF: 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1664.661 $\pm$ 0.729 χ^2 /NDF: 79028.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1872.664 $\pm$ 0.740 χ^2 /NDF: 37734.9/7

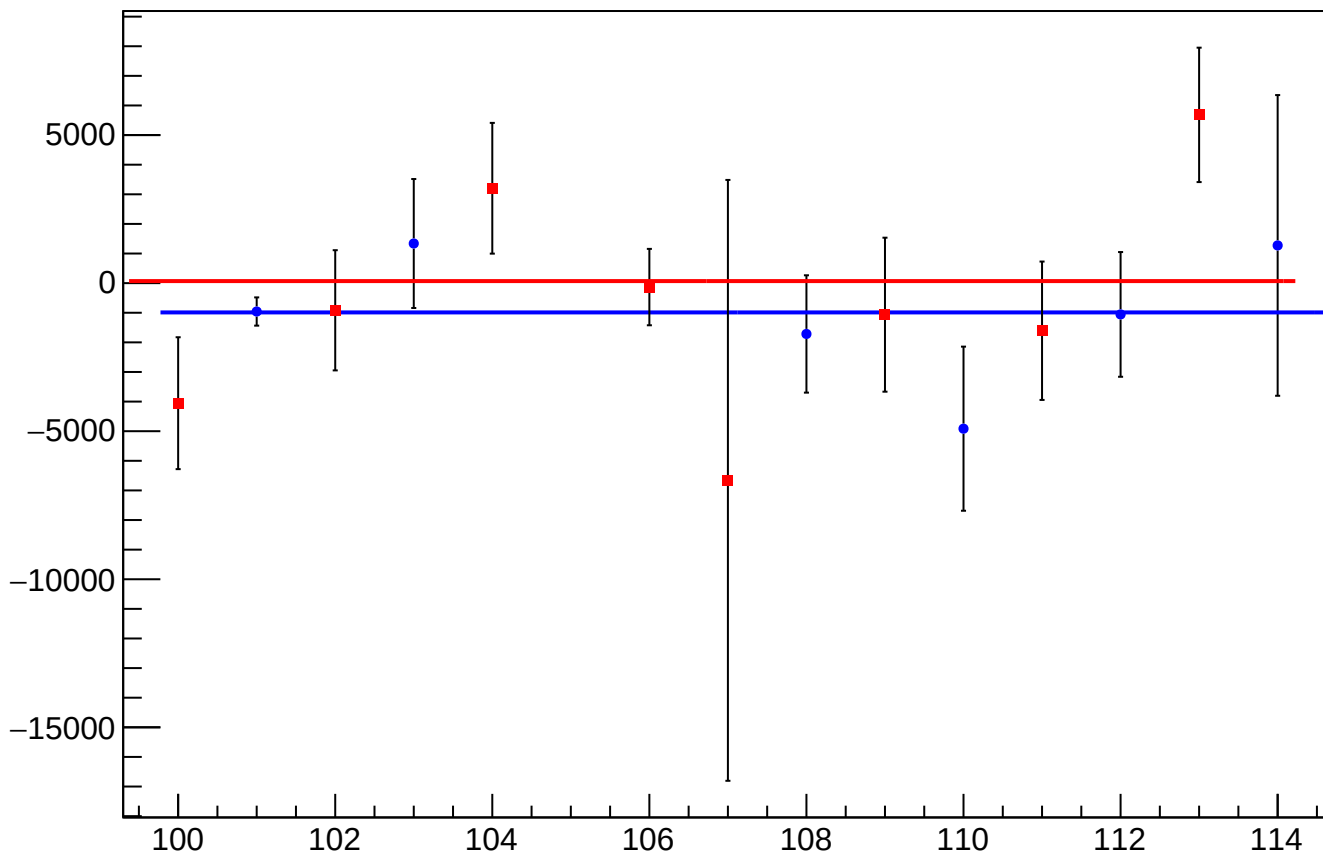
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1767.138 $\pm$ 0.519 χ^2 /NDF: 156840.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug



Right In: -988.831 $\pm$ 436.133 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.232 $\pm$ 748.372 χ^2 /NDF: 13.0/7

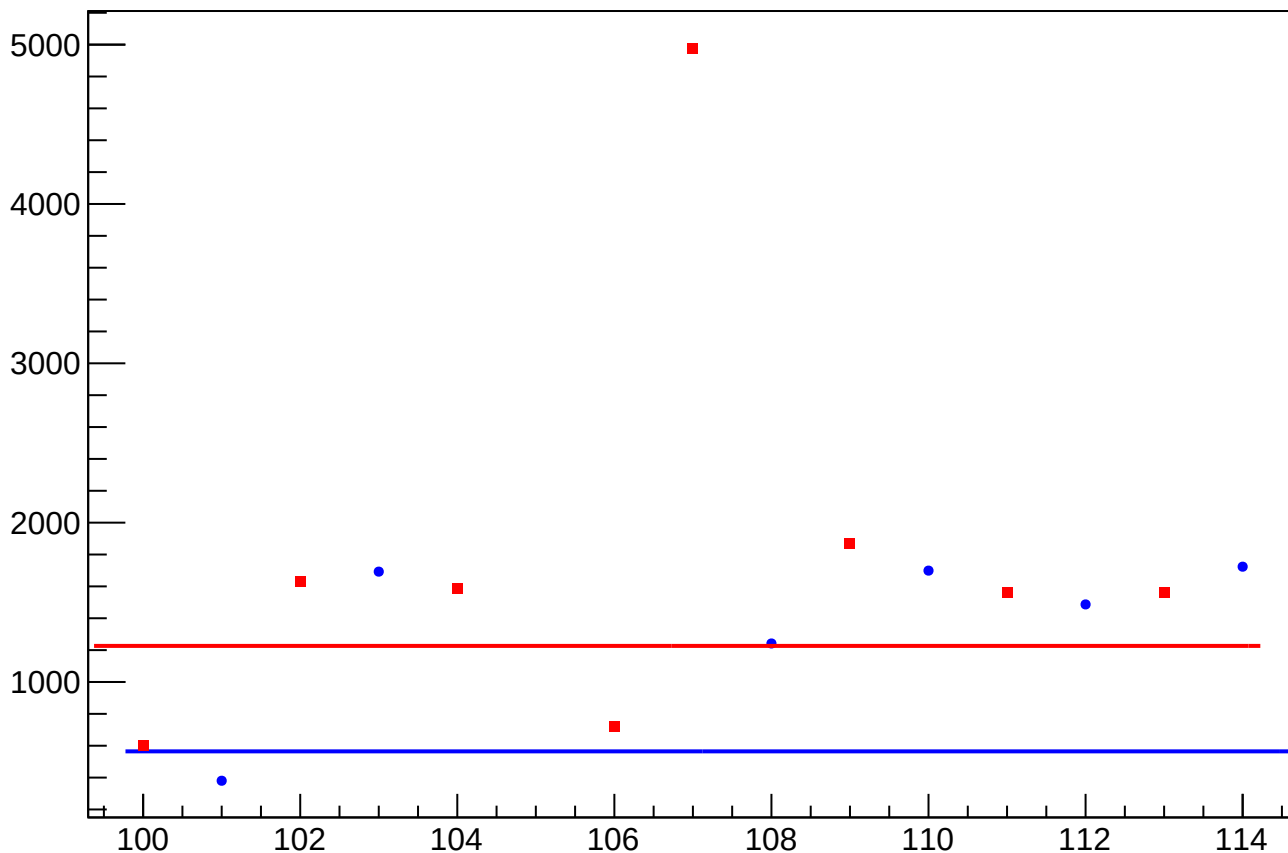
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -720.587 $\pm$ 376.814 χ^2 /NDF: 17.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 564.616+/-0.308 χ^2/NDF : 1891936.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1226.471+/-0.529 χ^2/NDF : 1076510.0/7

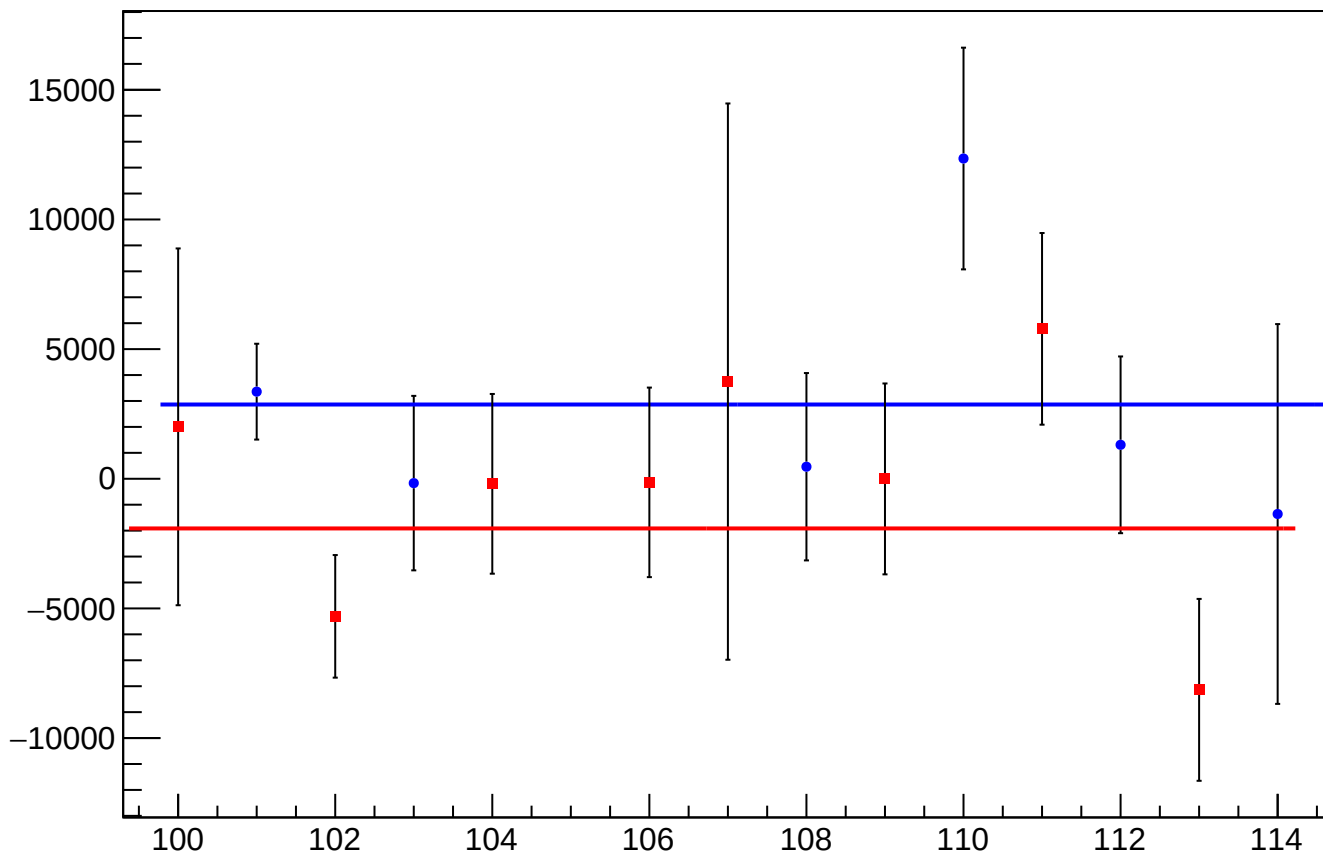
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.412+/-0.266 χ^2/NDF : 4136163.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2863.882 $\pm$ 1272.805 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1915.555 $\pm$ 1296.205 χ^2 /NDF: 10.9/7

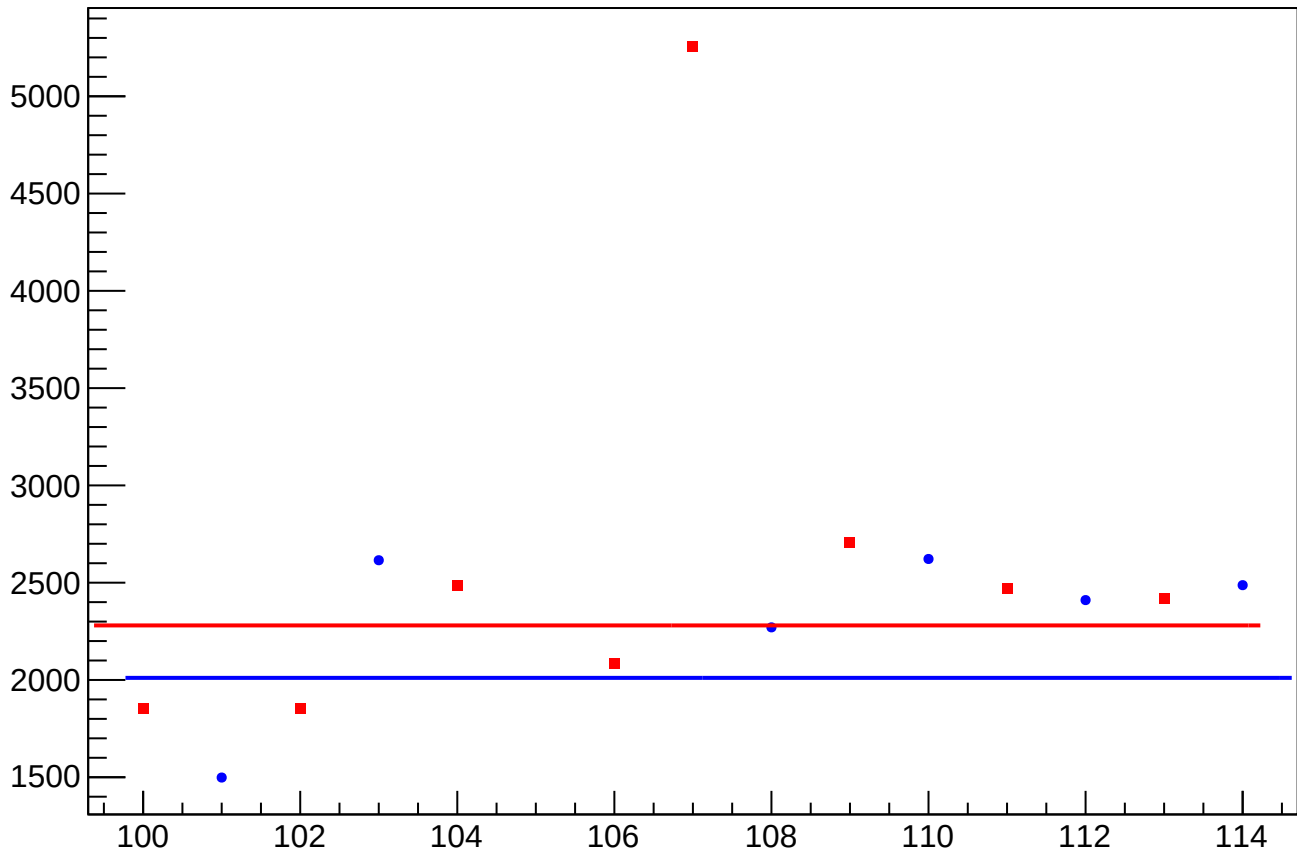
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 517.693 $\pm$ 908.169 χ^2 /NDF: 24.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 2010.796+/-0.900 χ^2/NDF : 305510.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2280.339+/-0.917 χ^2/NDF : 274669.0/7

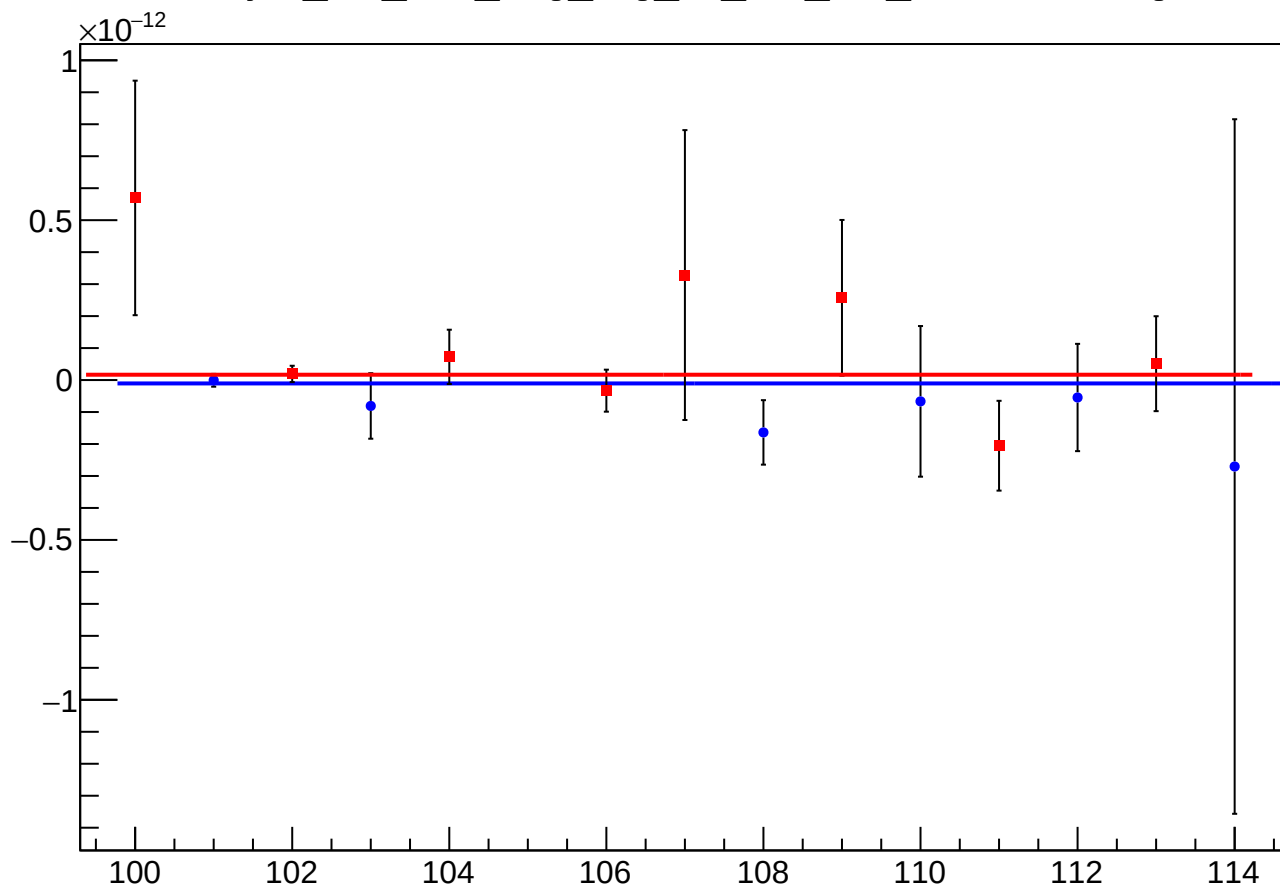
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.113+/-0.642 χ^2/NDF : 624209.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/7

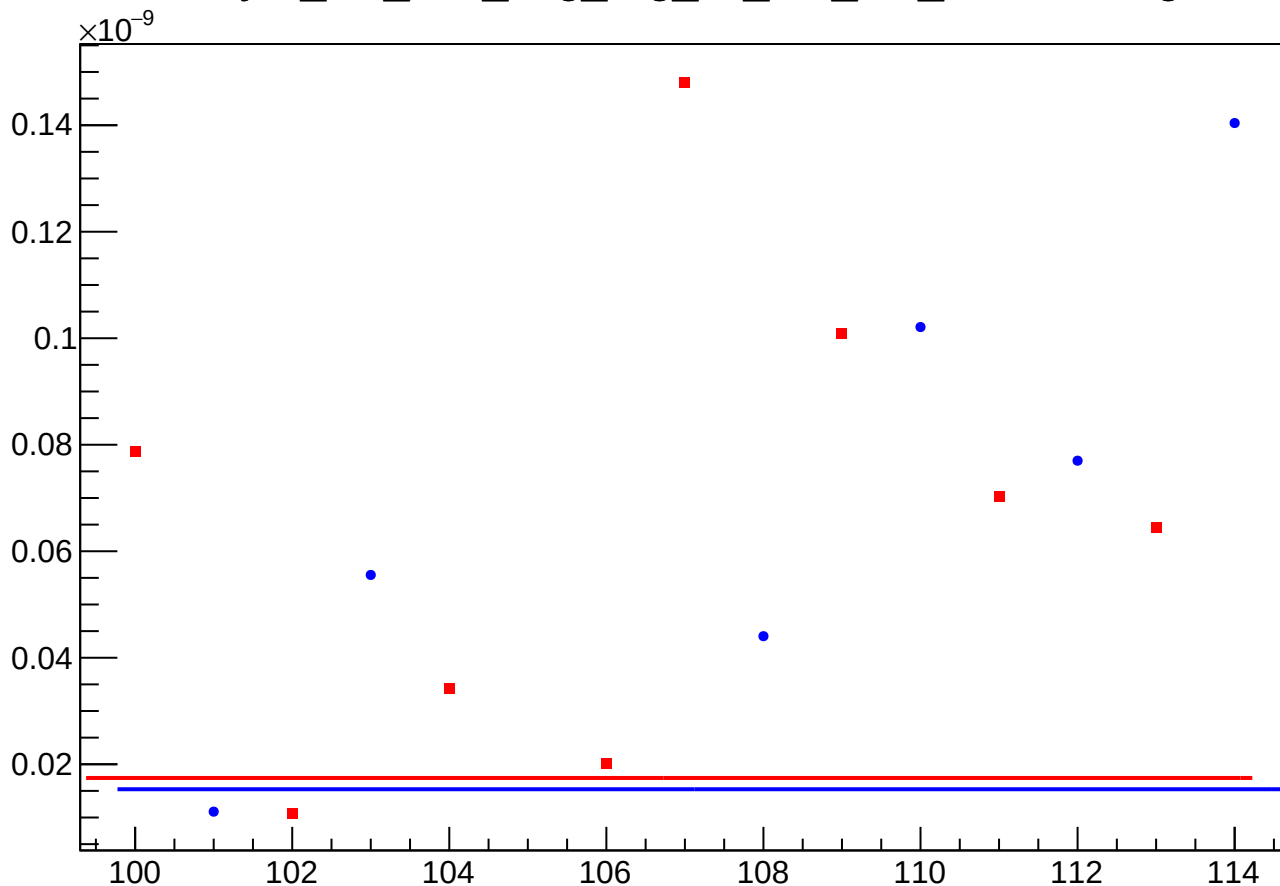
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1128076.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1161223.9/7

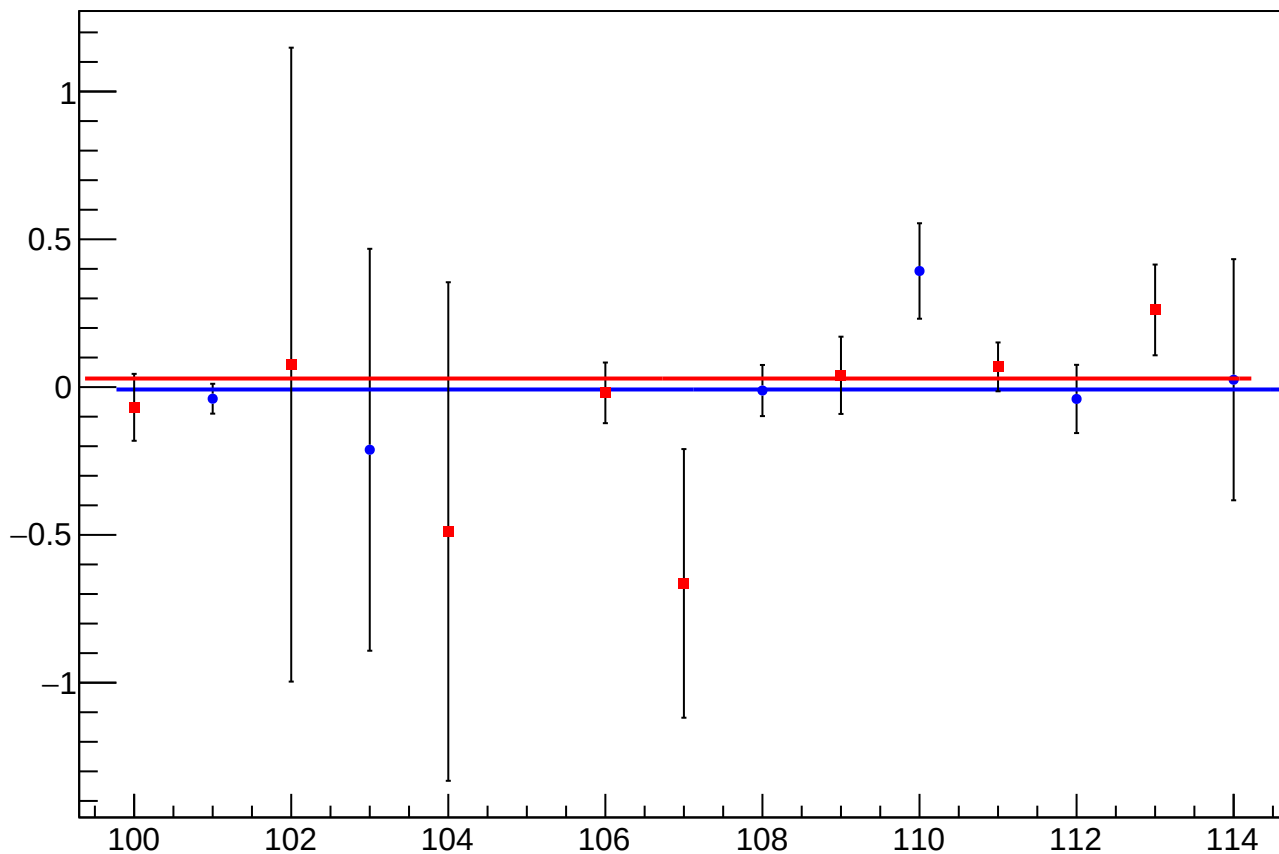
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2299771.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

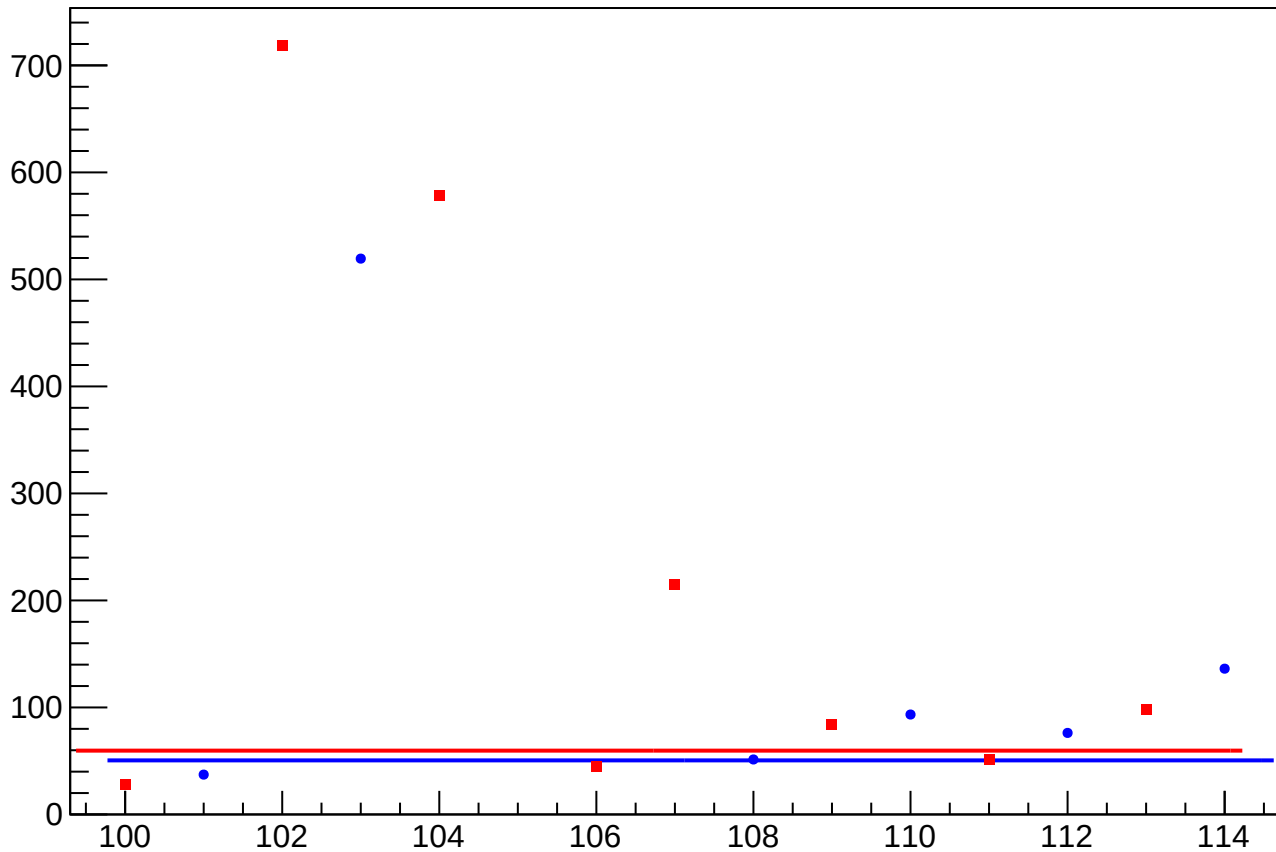
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.030 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 50.526+/-0.028 χ^2/NDF : 1418244.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.645+/-0.034 χ^2/NDF : 2160768.3/7

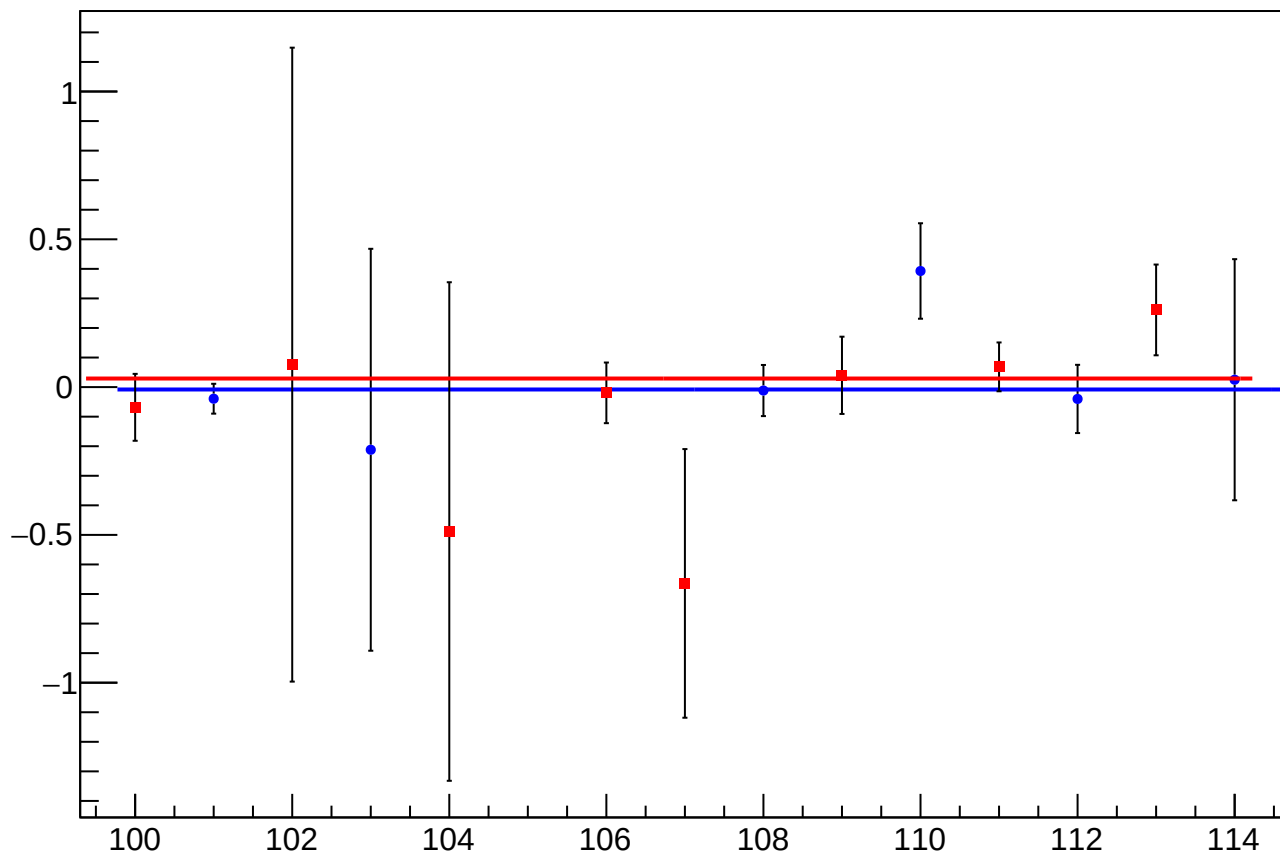
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.154+/-0.022 χ^2/NDF : 3621855.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

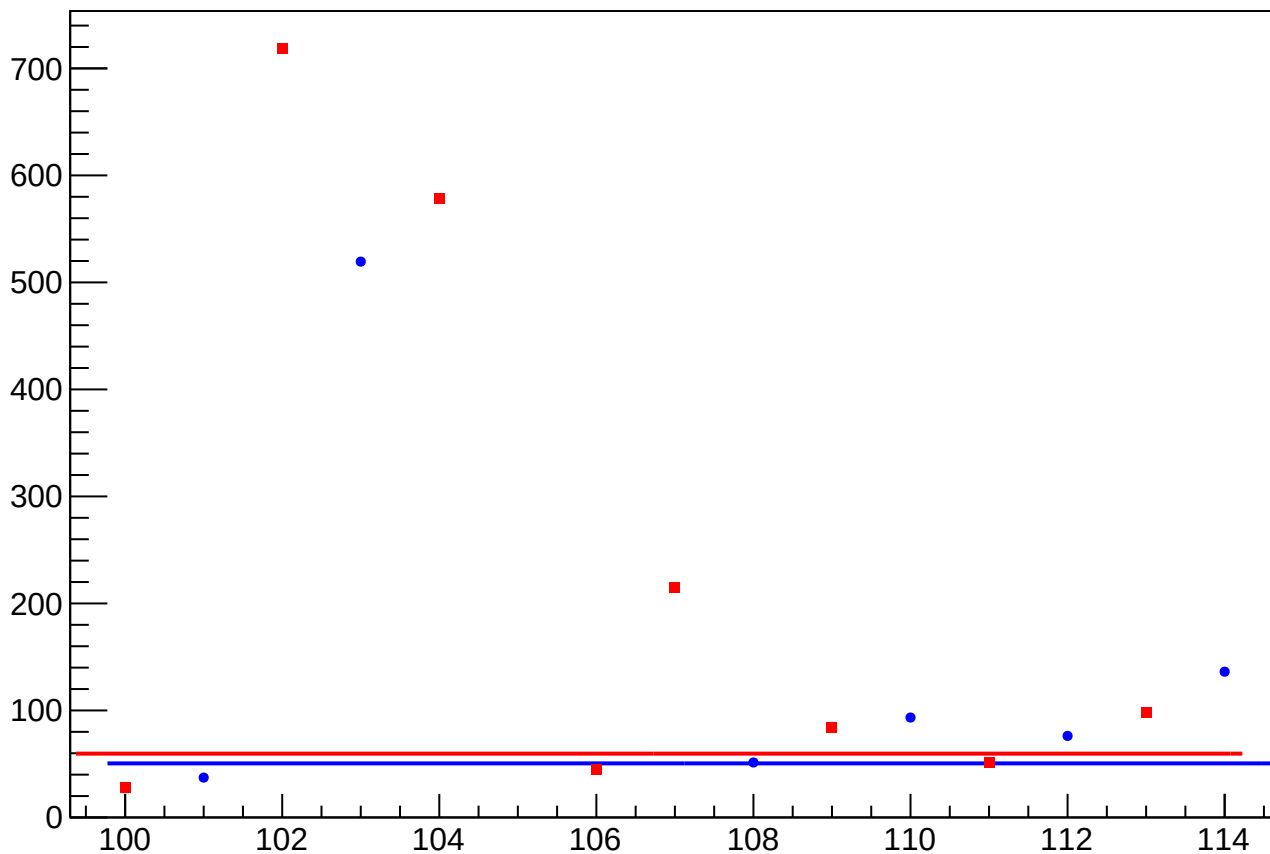
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.030 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.526+/-0.028 χ^2/NDF : 1418244.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.645+/-0.034 χ^2/NDF : 2160768.3/7

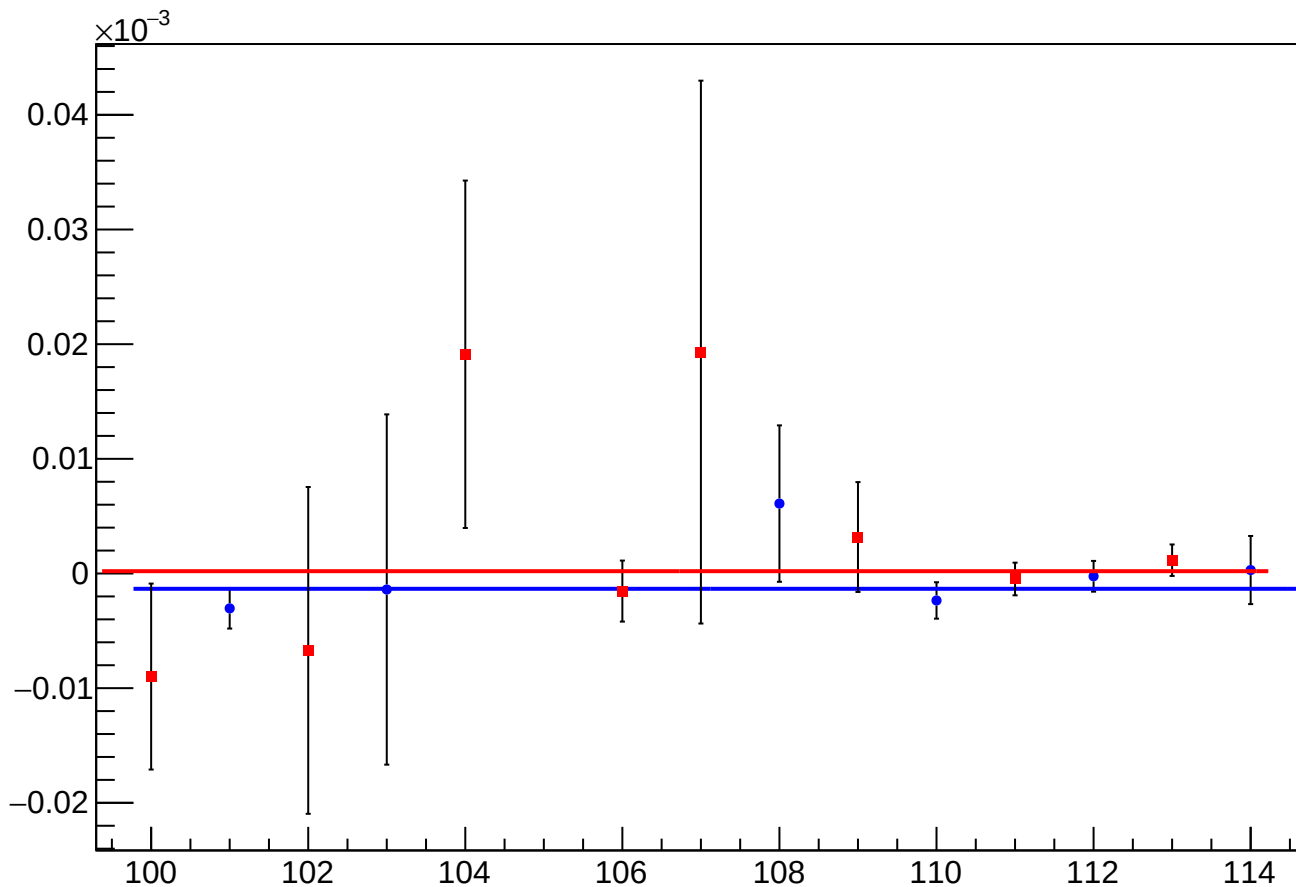
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.154+/-0.022 χ^2/NDF : 3621855.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/7

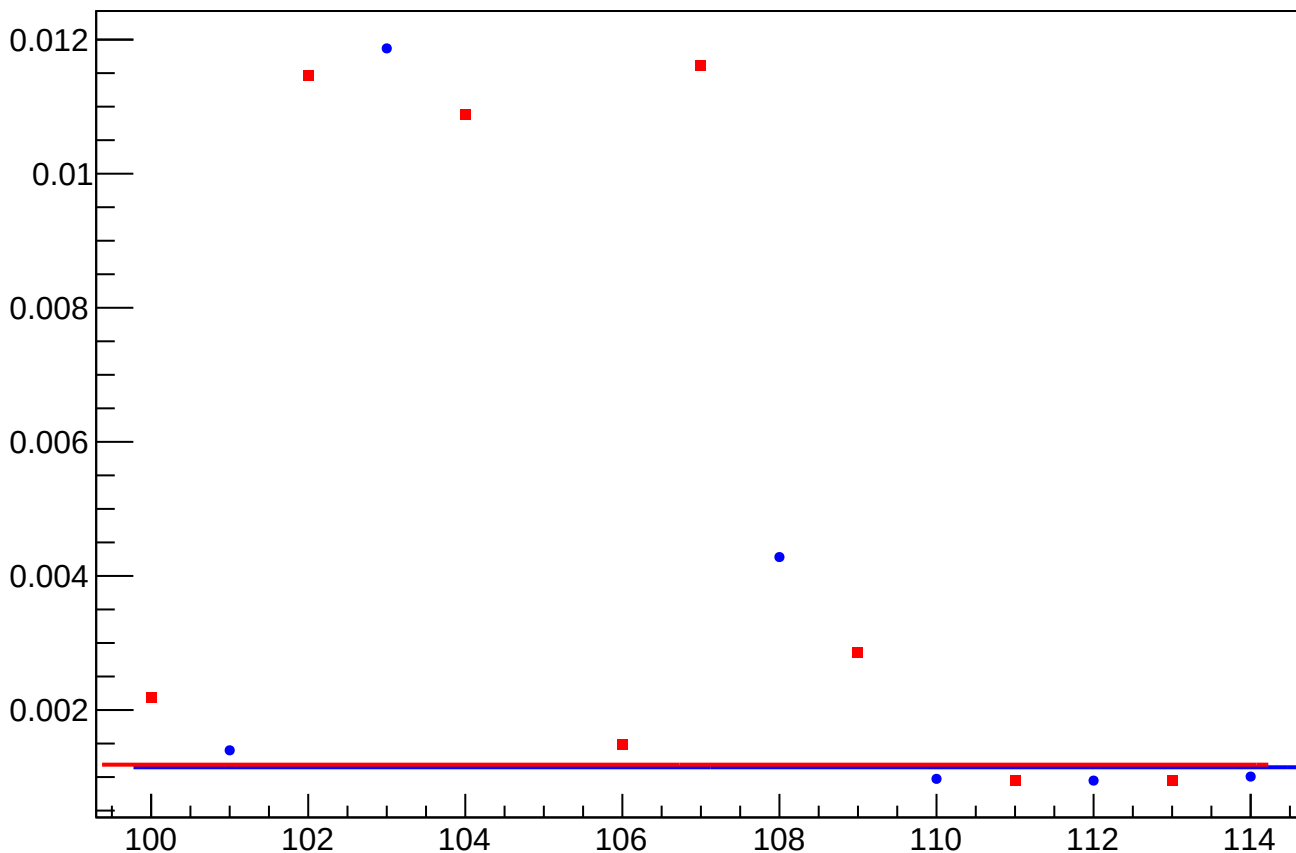
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1521446.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2663885.6/7

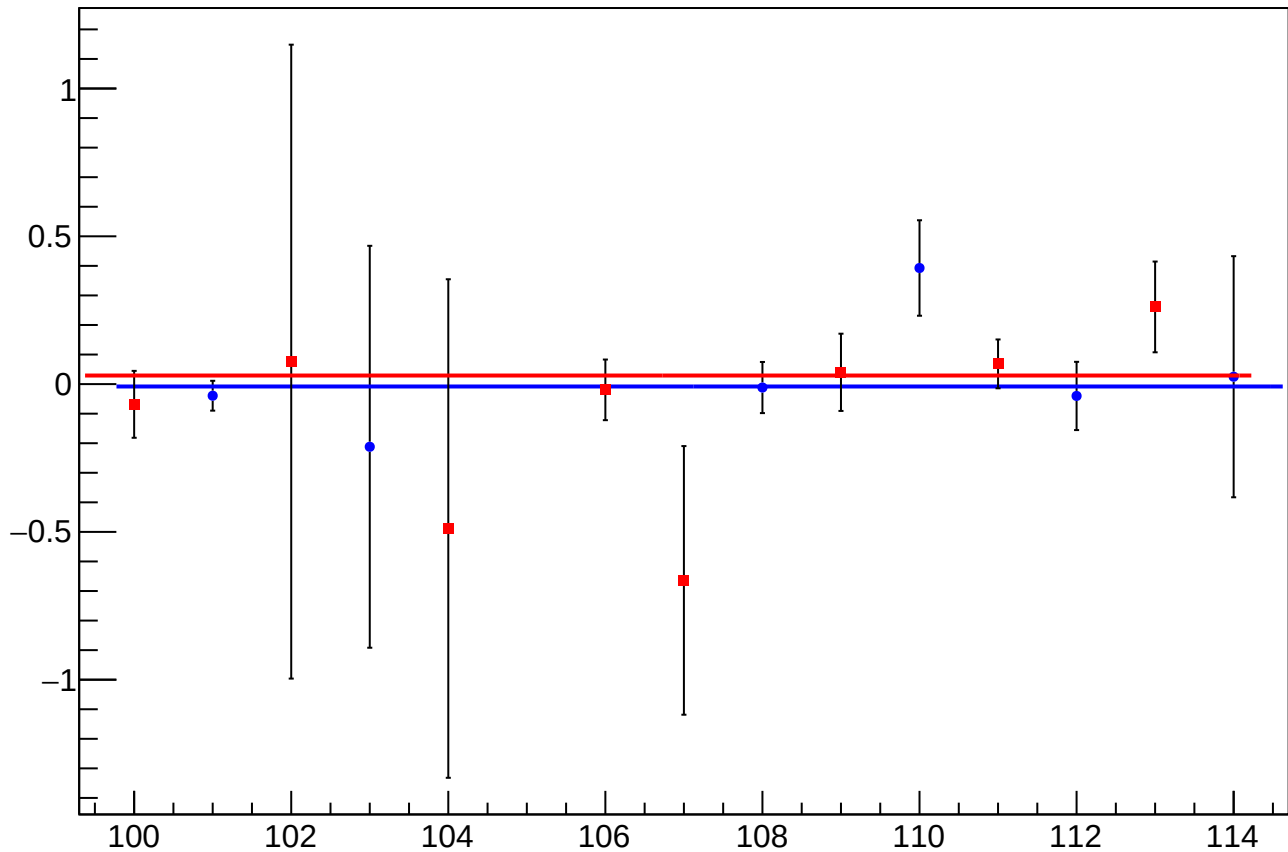
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4187331.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

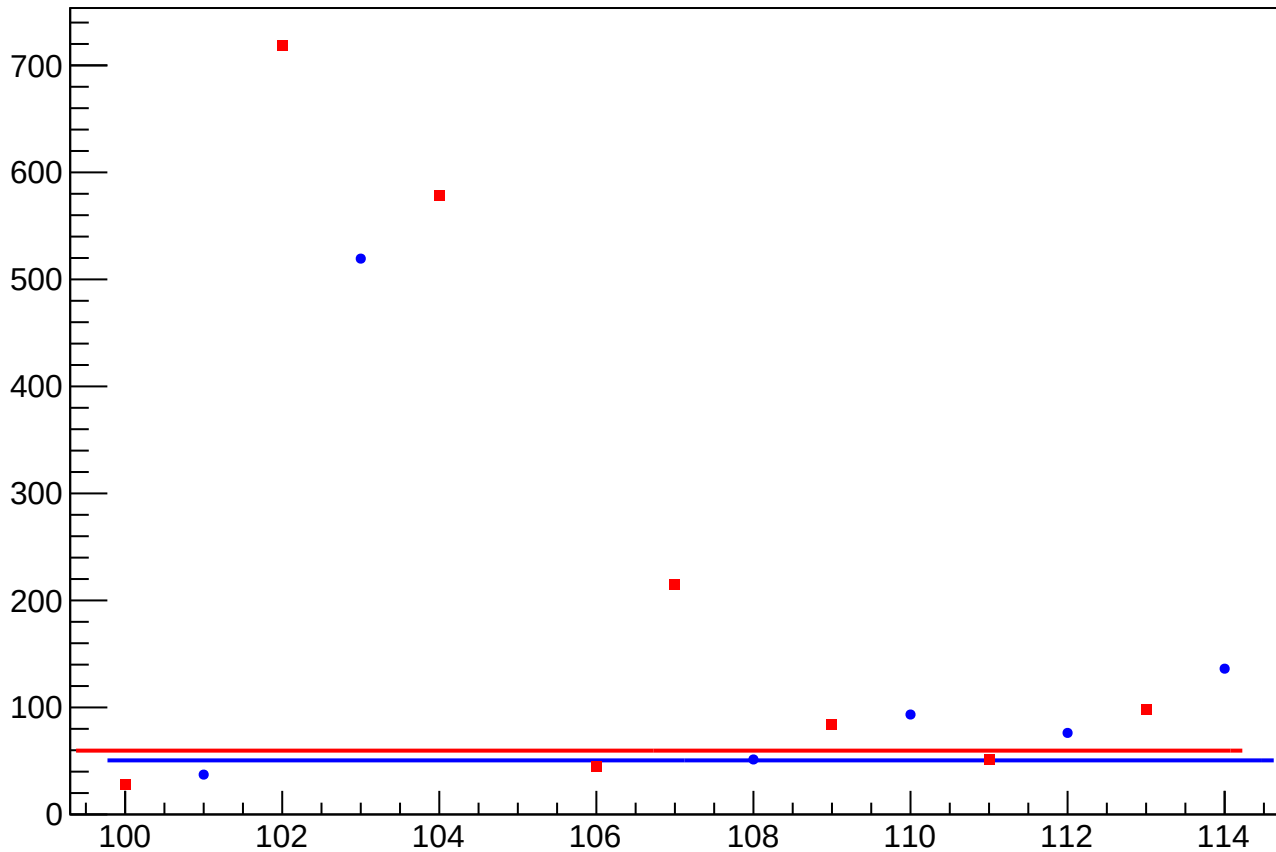
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.030 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.527+/-0.028 χ^2/NDF : 1418230.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.645+/-0.034 χ^2/NDF : 2160764.1/7

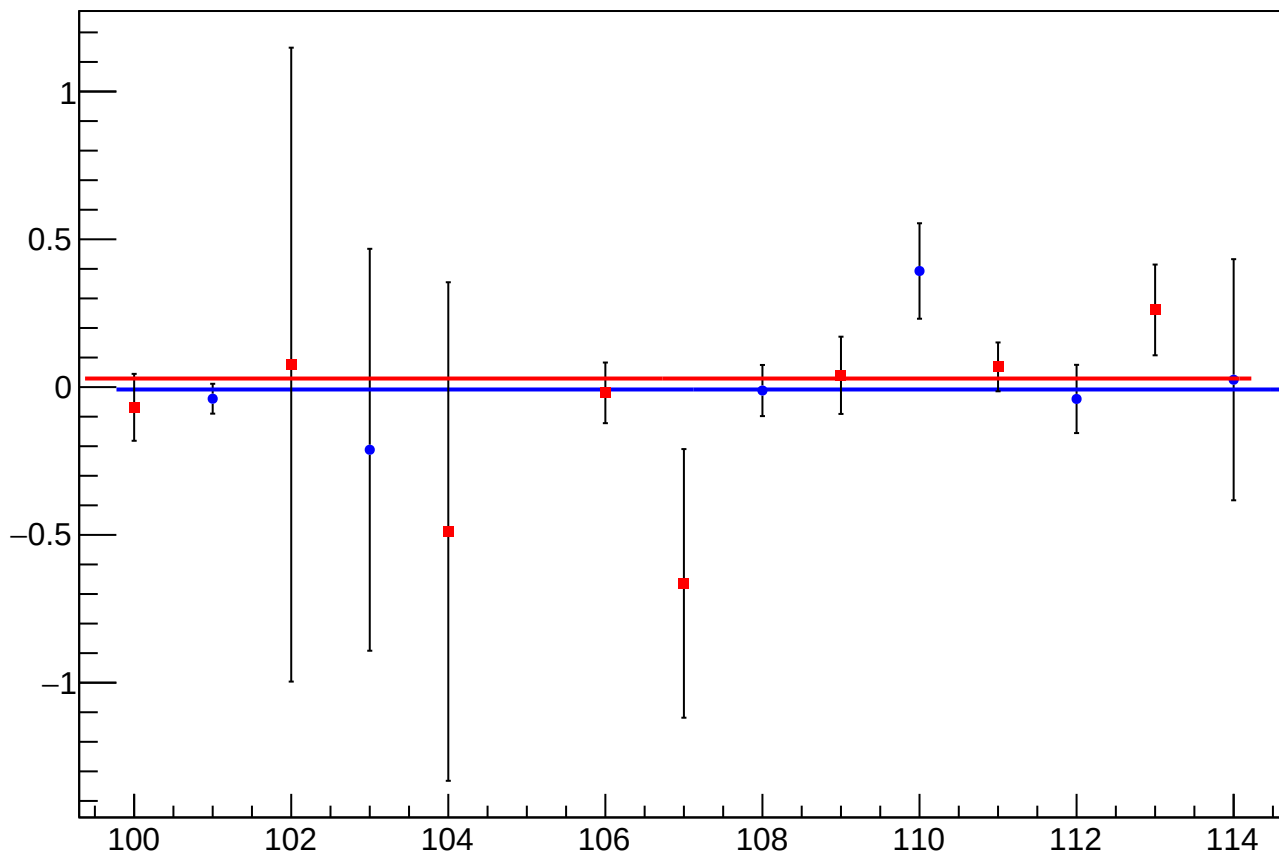
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.155+/-0.022 χ^2/NDF : 3621826.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

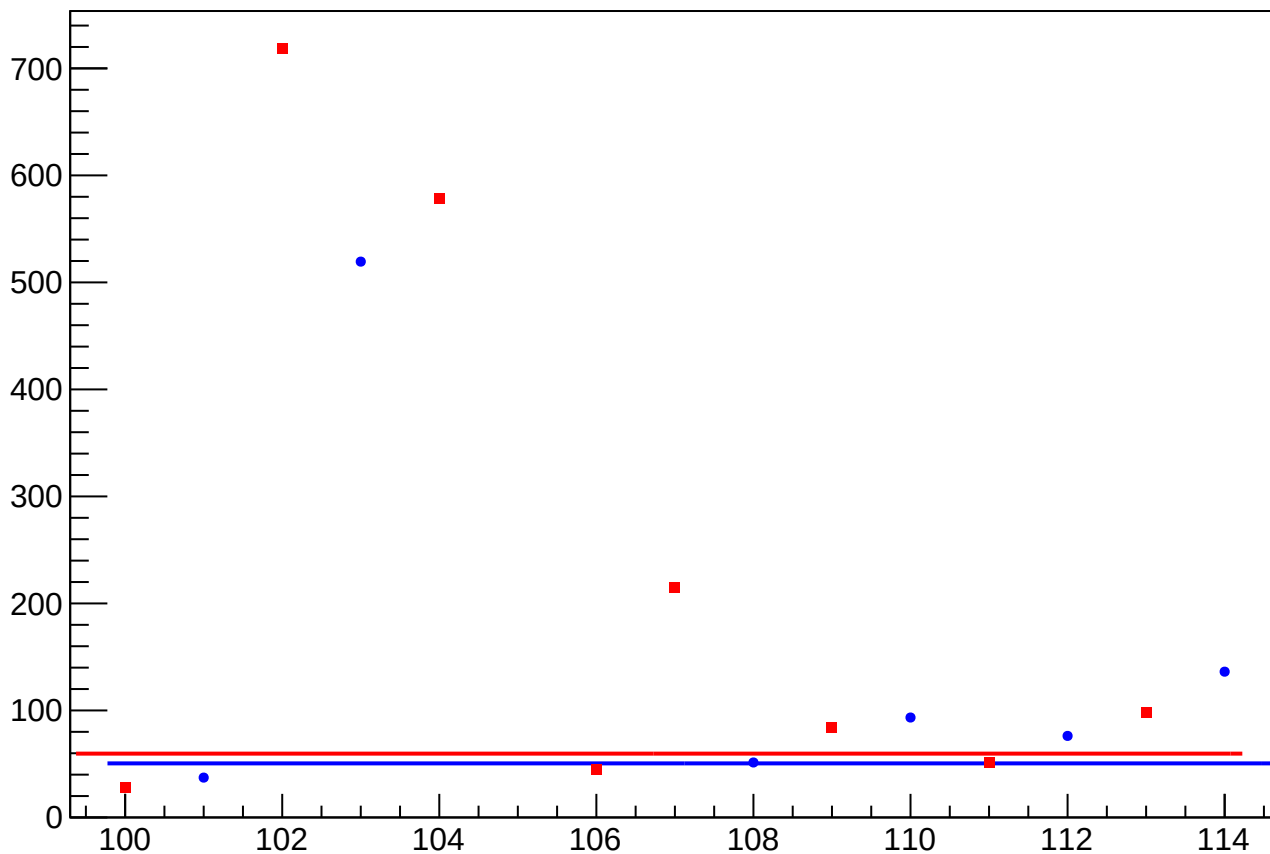
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.030 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.527+/-0.028 χ^2/NDF : 1418230.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.645+/-0.034 χ^2/NDF : 2160764.1/7

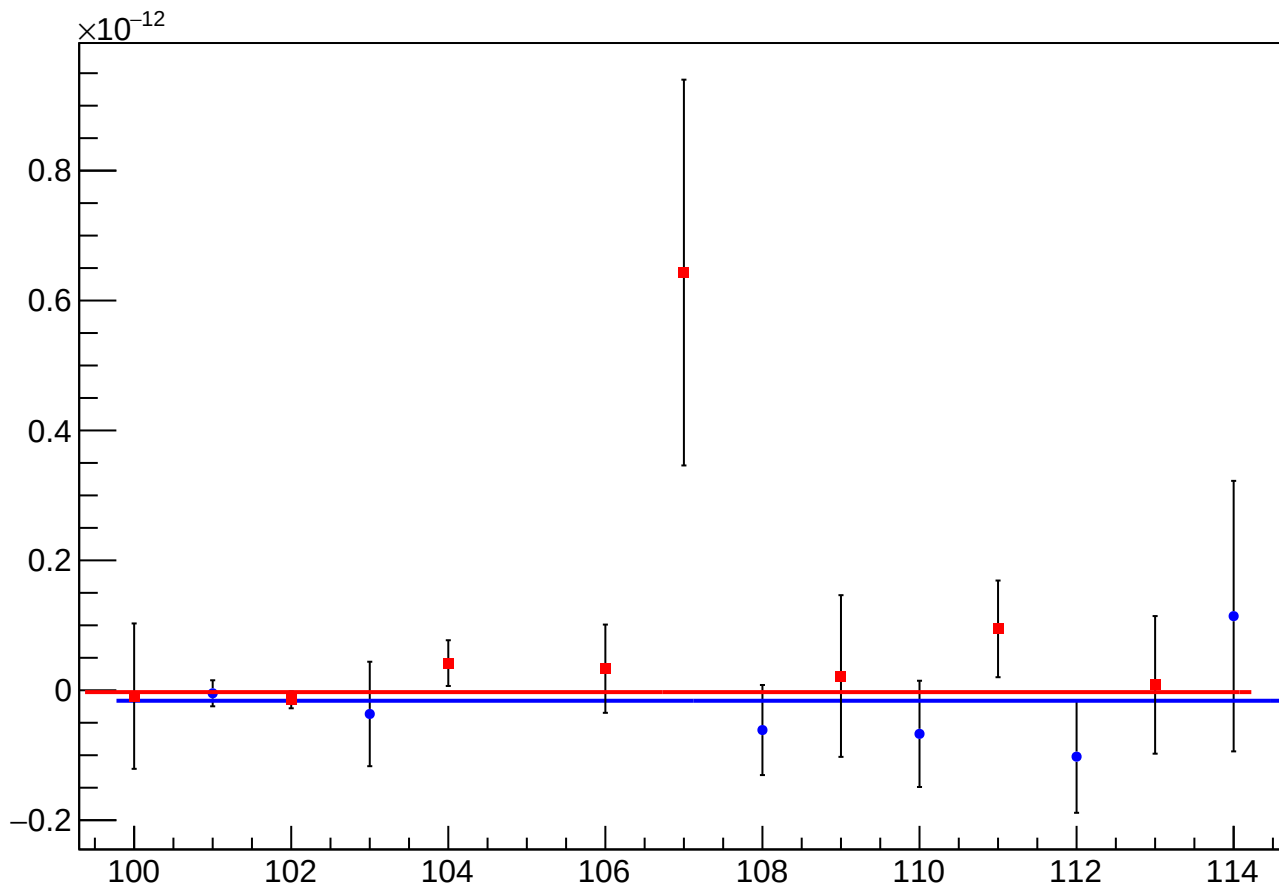
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.155+/-0.022 χ^2/NDF : 3621826.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.2/7

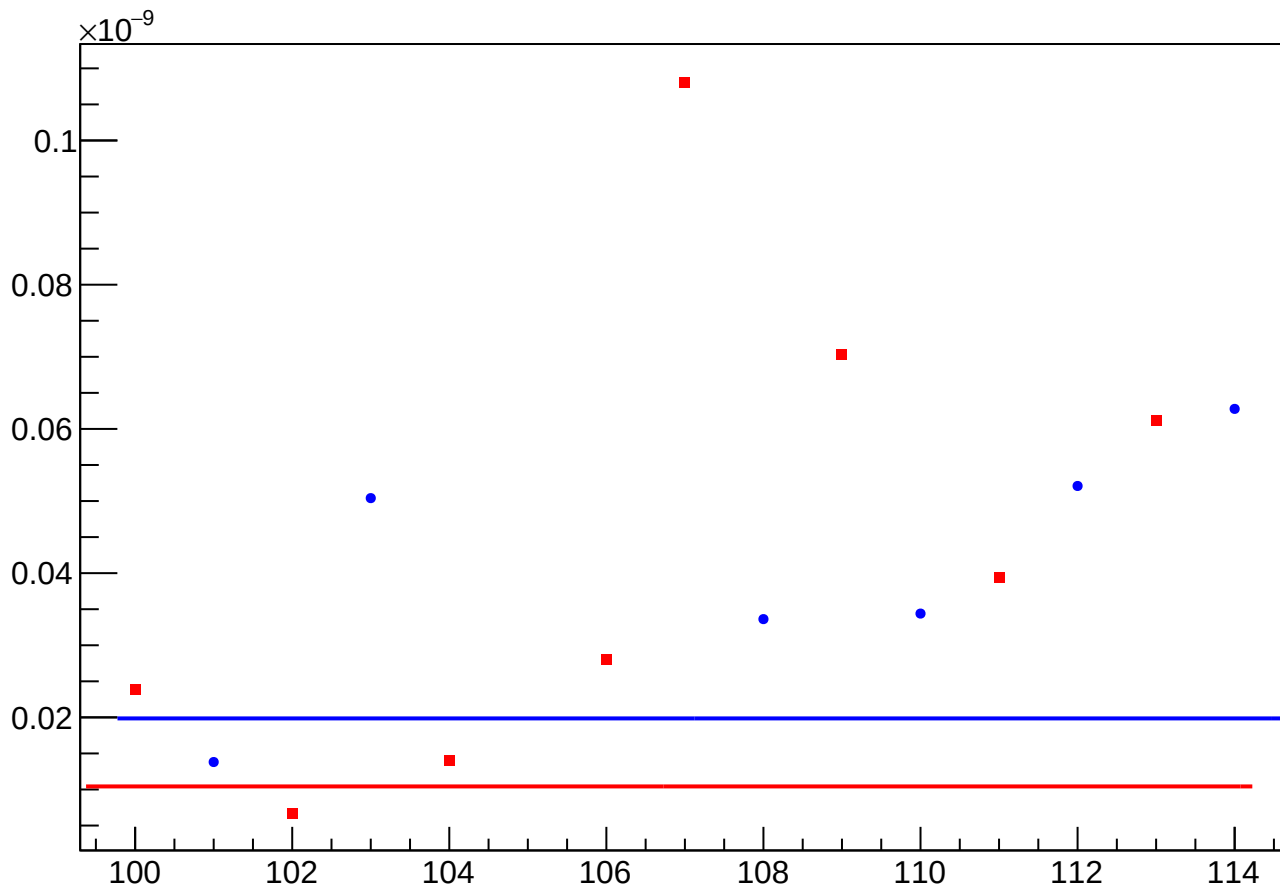
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 976090.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1794672.4/7

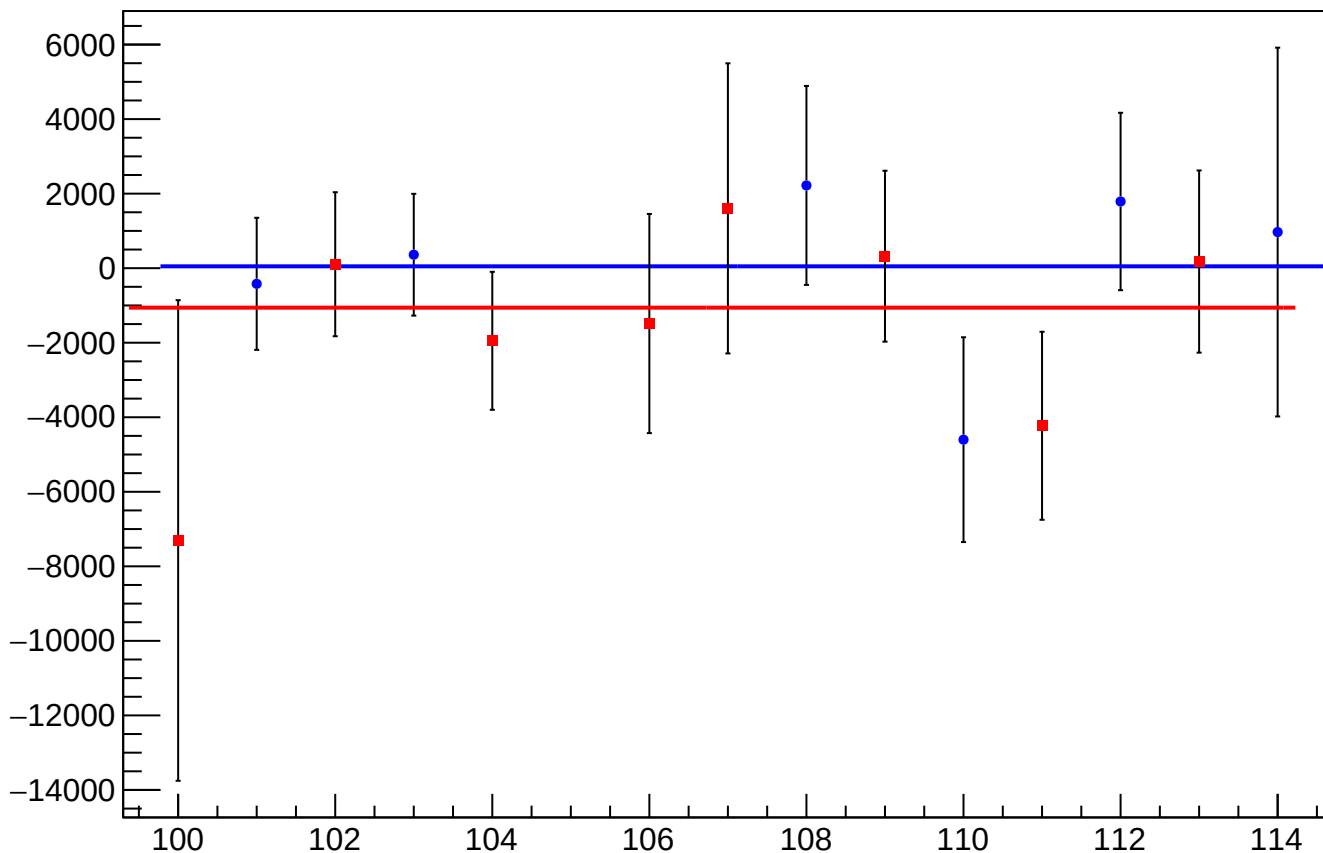
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3164562.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: 49.955+/-919.322 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.031+/-883.892 χ^2/NDF : 4.2/7

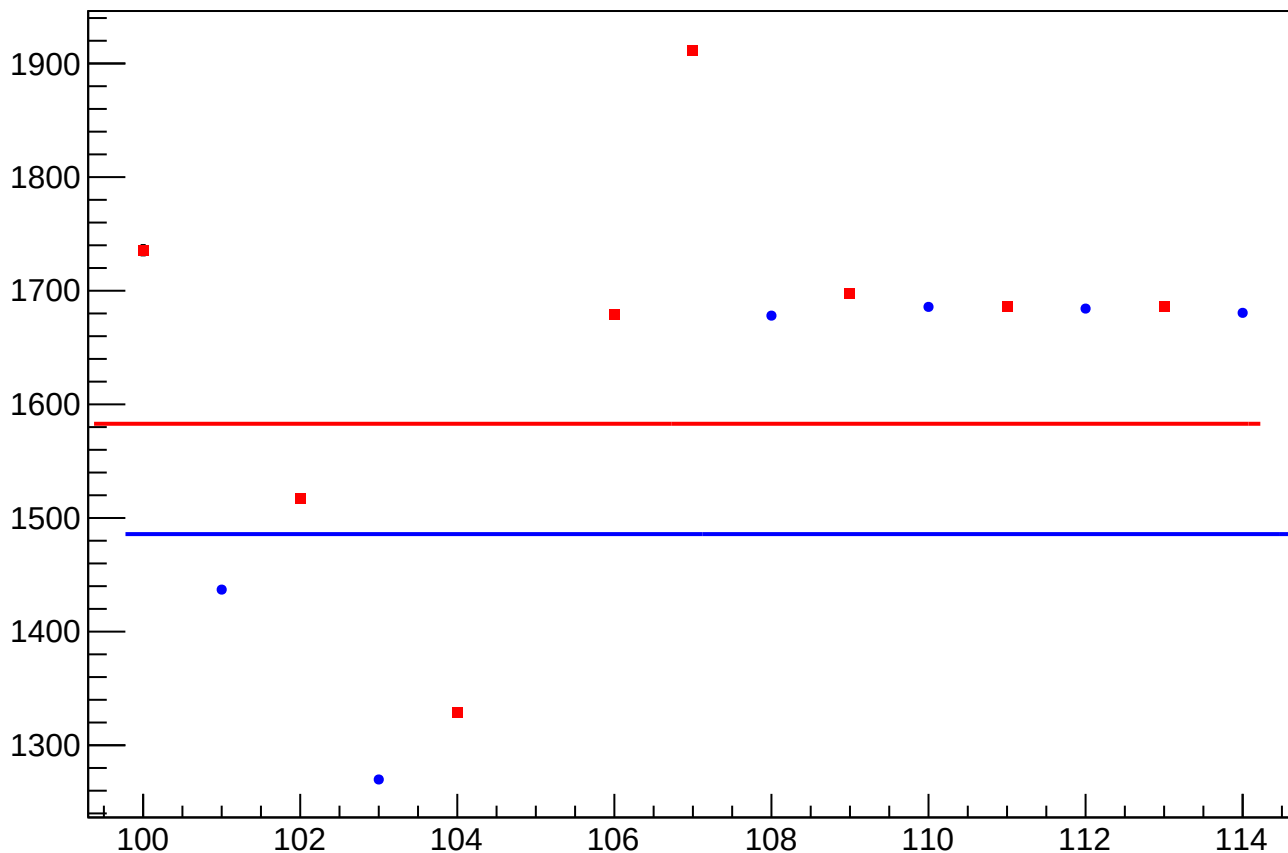
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -526.319+/-637.163 χ^2/NDF : 9.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1485.821+/-0.650 χ^2/NDF : 74435.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.920+/-0.625 χ^2/NDF : 69513.1/7

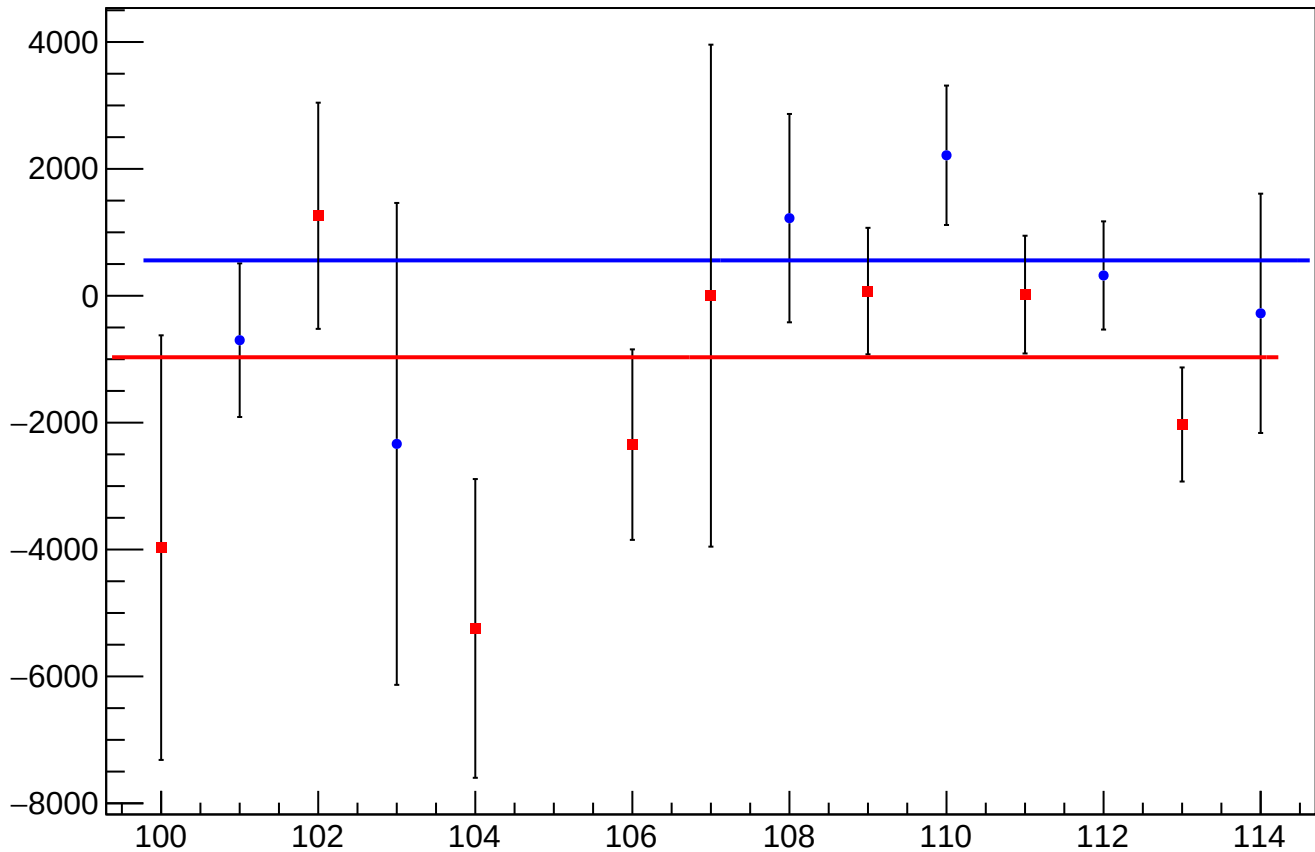
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.278+/-0.451 χ^2/NDF : 155542.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: 557.652 $\pm$ 526.555 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -969.170 $\pm$ 471.597 χ^2 /NDF: 10.2/7

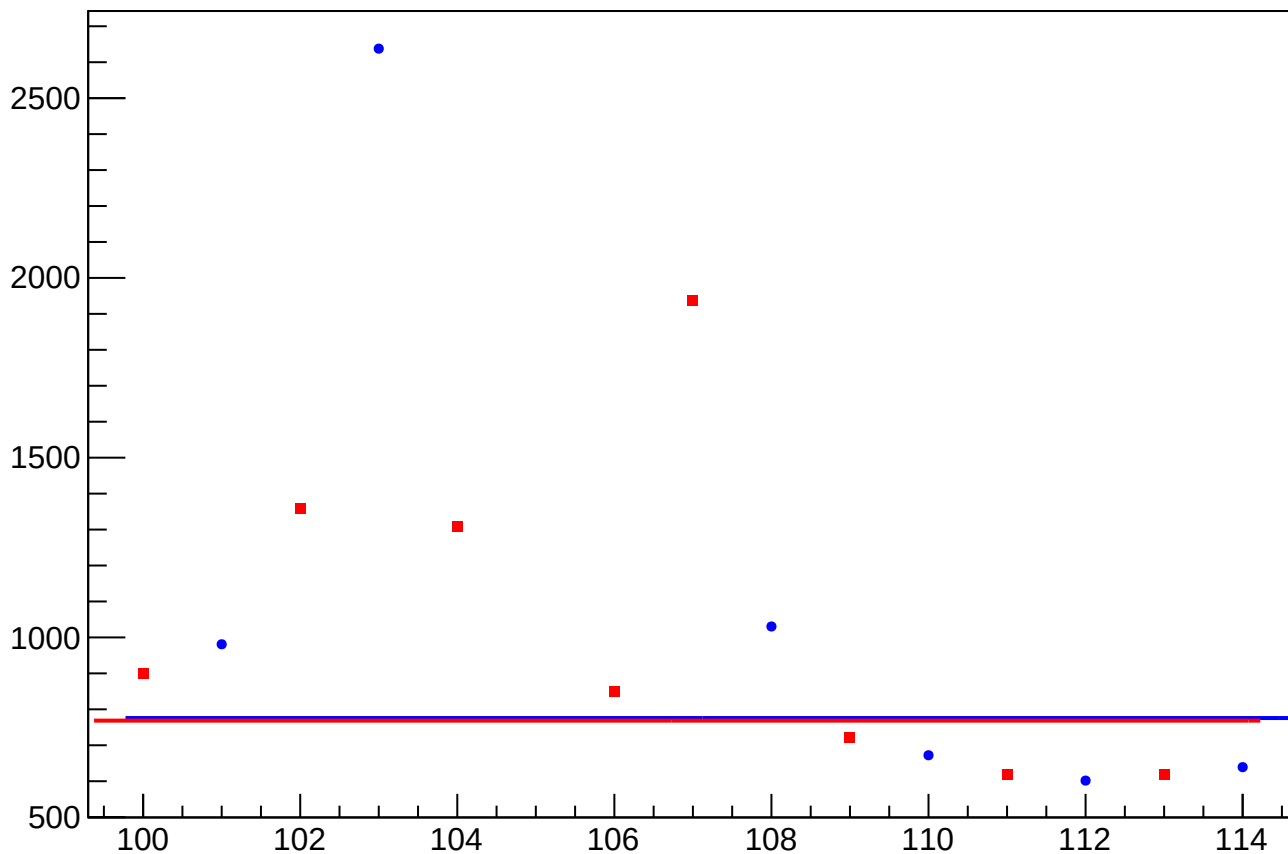
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -289.572 $\pm$ 351.298 χ^2 /NDF: 19.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 775.770 $\pm$ 0.372 χ^2 /NDF: 697681.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 768.590 $\pm$ 0.333 χ^2 /NDF: 620311.4/7

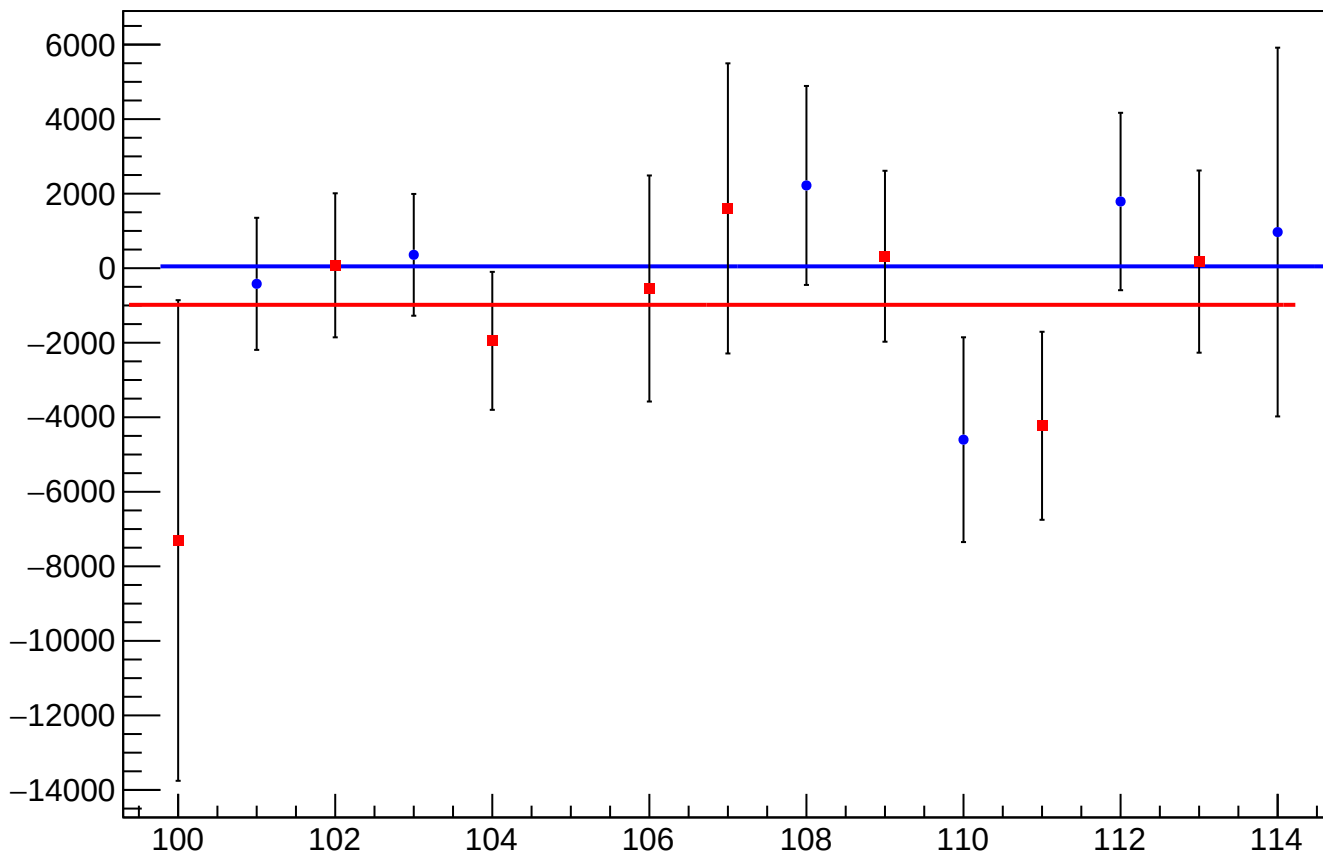
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 771.786 $\pm$ 0.248 χ^2 /NDF: 1318198.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



Right In: 49.105+/-919.322 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -982.944+/-886.319 χ^2/NDF : 4.2/7

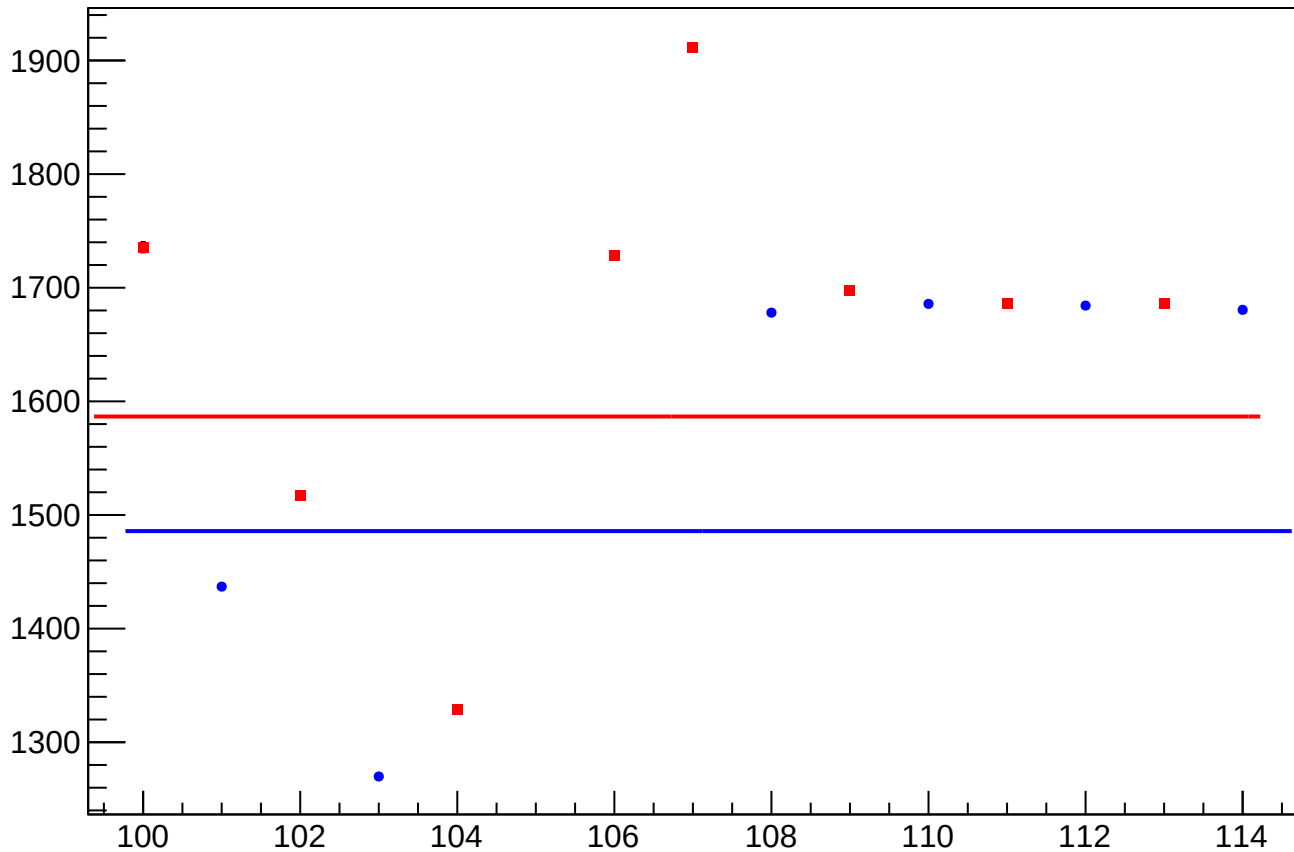
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.776+/-638.071 χ^2/NDF : 9.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1485.822 $\pm$ 0.650 χ^2 /NDF: 74435.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1586.687 $\pm$ 0.627 χ^2 /NDF: 71952.3/7

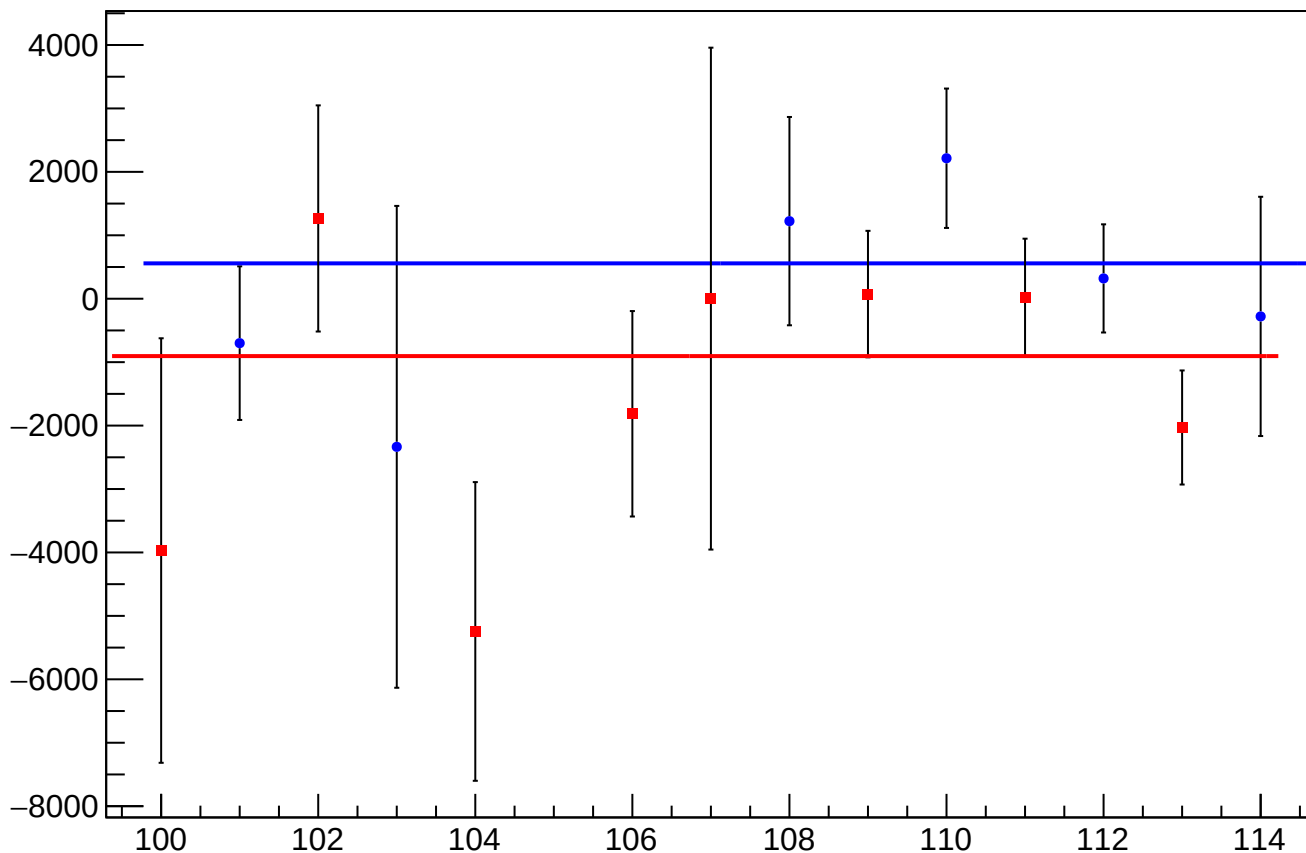
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1538.097 $\pm$ 0.451 χ^2 /NDF: 158865.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: 557.478+/-526.546 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -904.402+/-474.902 χ^2/NDF : 9.6/7

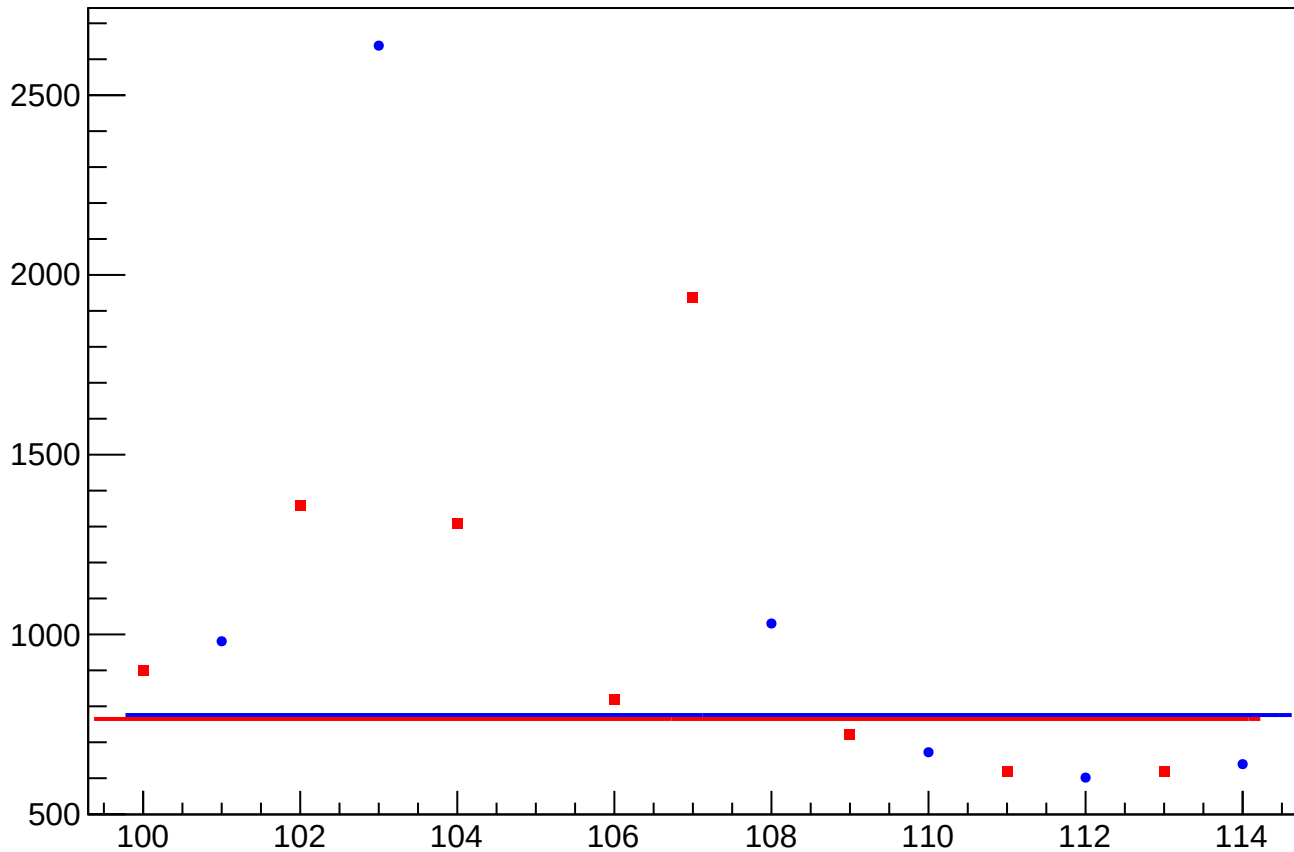
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.651+/-352.655 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 775.753 $\pm$ 0.372 χ^2 /NDF: 697697.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 764.843 $\pm$ 0.336 χ^2 /NDF: 616474.3/7

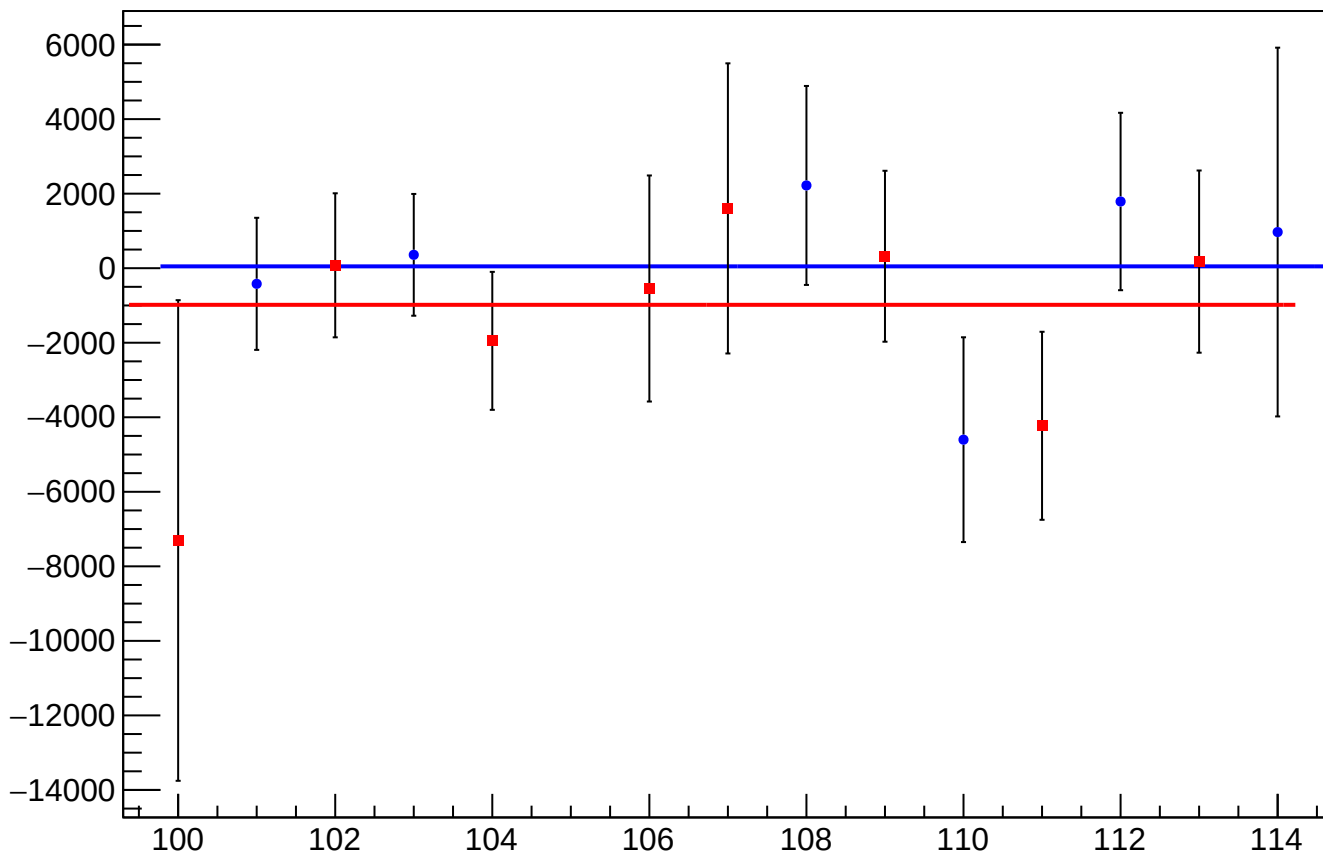
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 769.737 $\pm$ 0.249 χ^2 /NDF: 1314644.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: 49.105+/-919.322 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -982.944+/-886.319 χ^2/NDF : 4.2/7

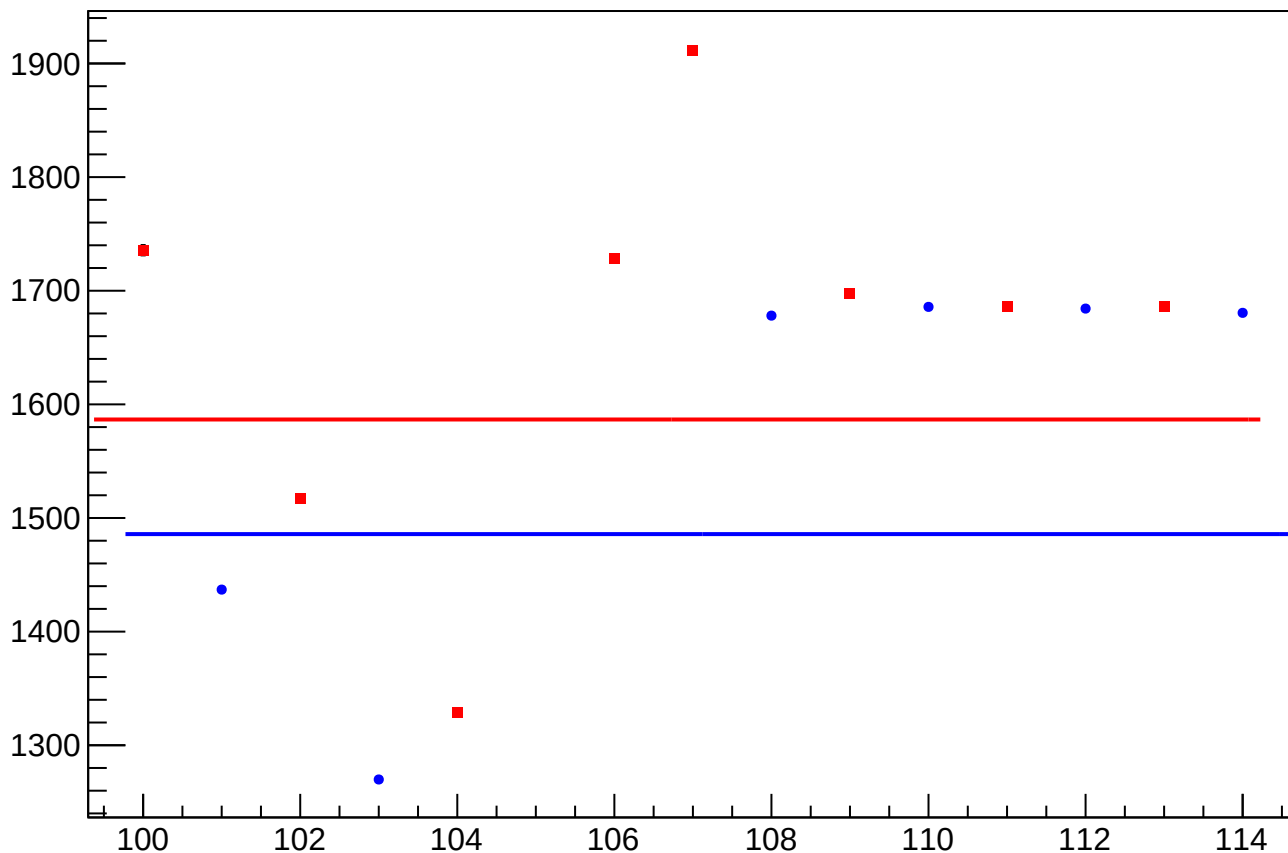
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.776+/-638.071 χ^2/NDF : 9.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1485.822 $\pm$ 0.650 χ^2 /NDF: 74435.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1586.687 $\pm$ 0.627 χ^2 /NDF: 71952.3/7

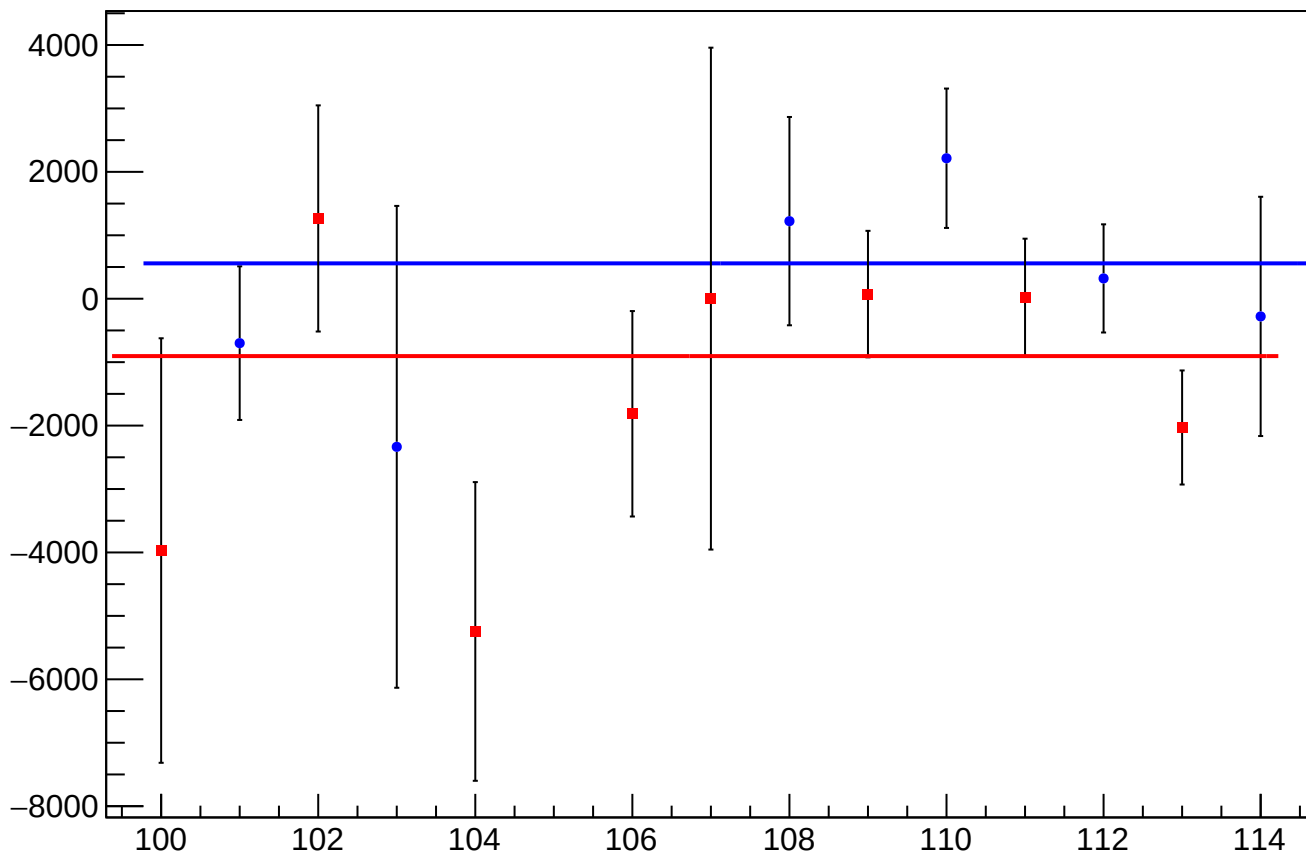
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1538.097 $\pm$ 0.451 χ^2 /NDF: 158865.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 557.478 $\pm$ 526.546 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -904.402 $\pm$ 474.902 χ^2 /NDF: 9.6/7

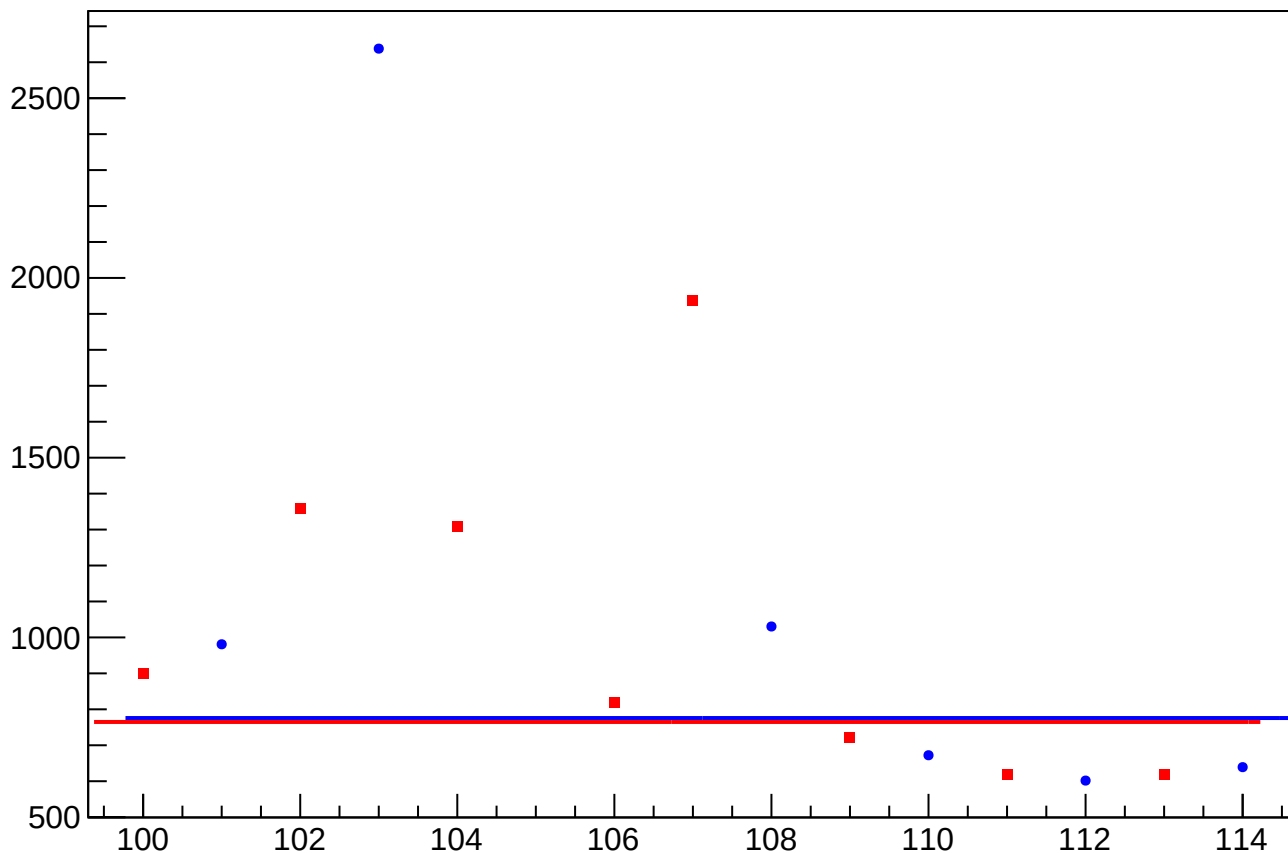
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -248.651 $\pm$ 352.655 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 775.753+/-0.372 χ^2/NDF : 697697.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 764.843+/-0.336 χ^2/NDF : 616474.3/7

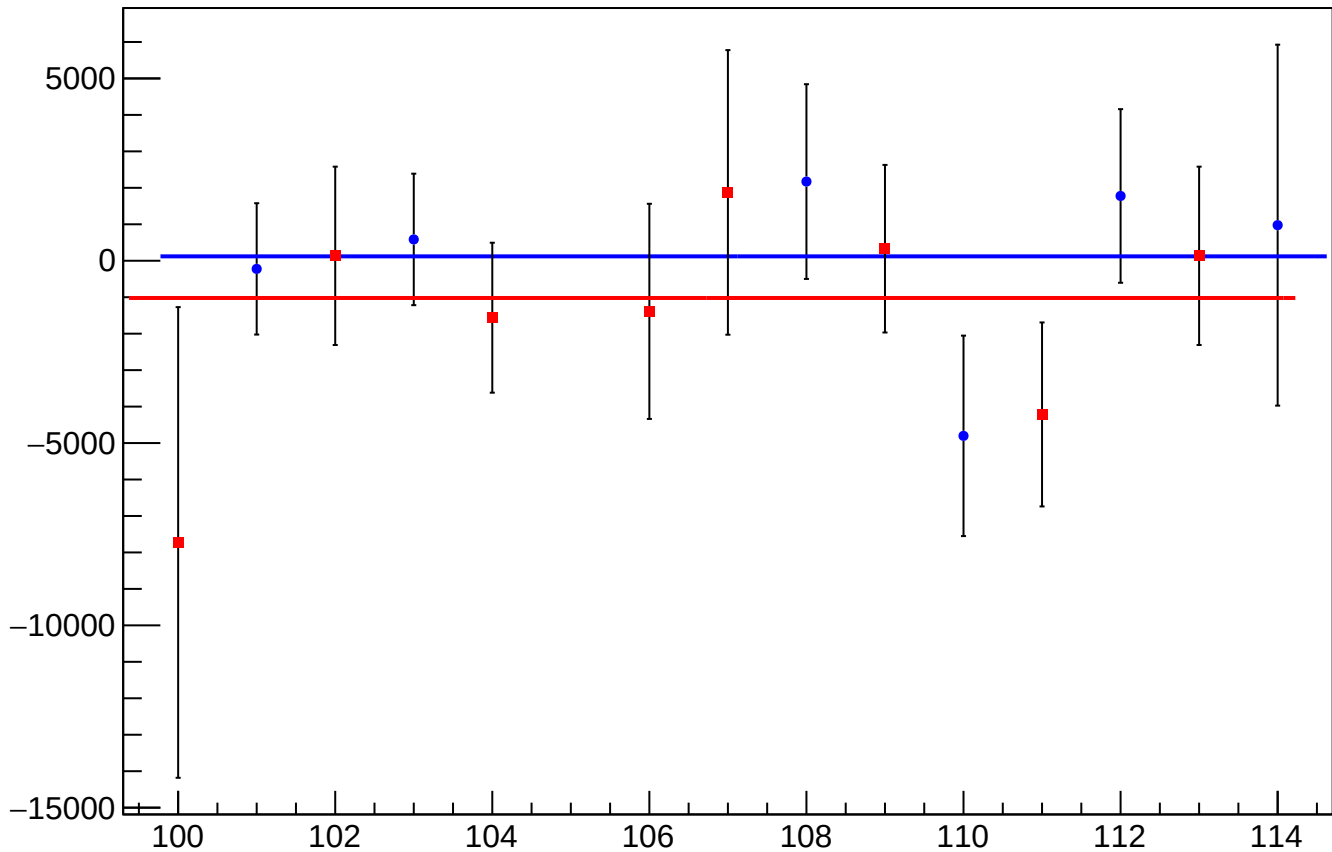
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.737+/-0.249 χ^2/NDF : 1314644.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



Right In: 120.626+/-950.995 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1021.112+/-944.110 χ^2/NDF : 4.1/7

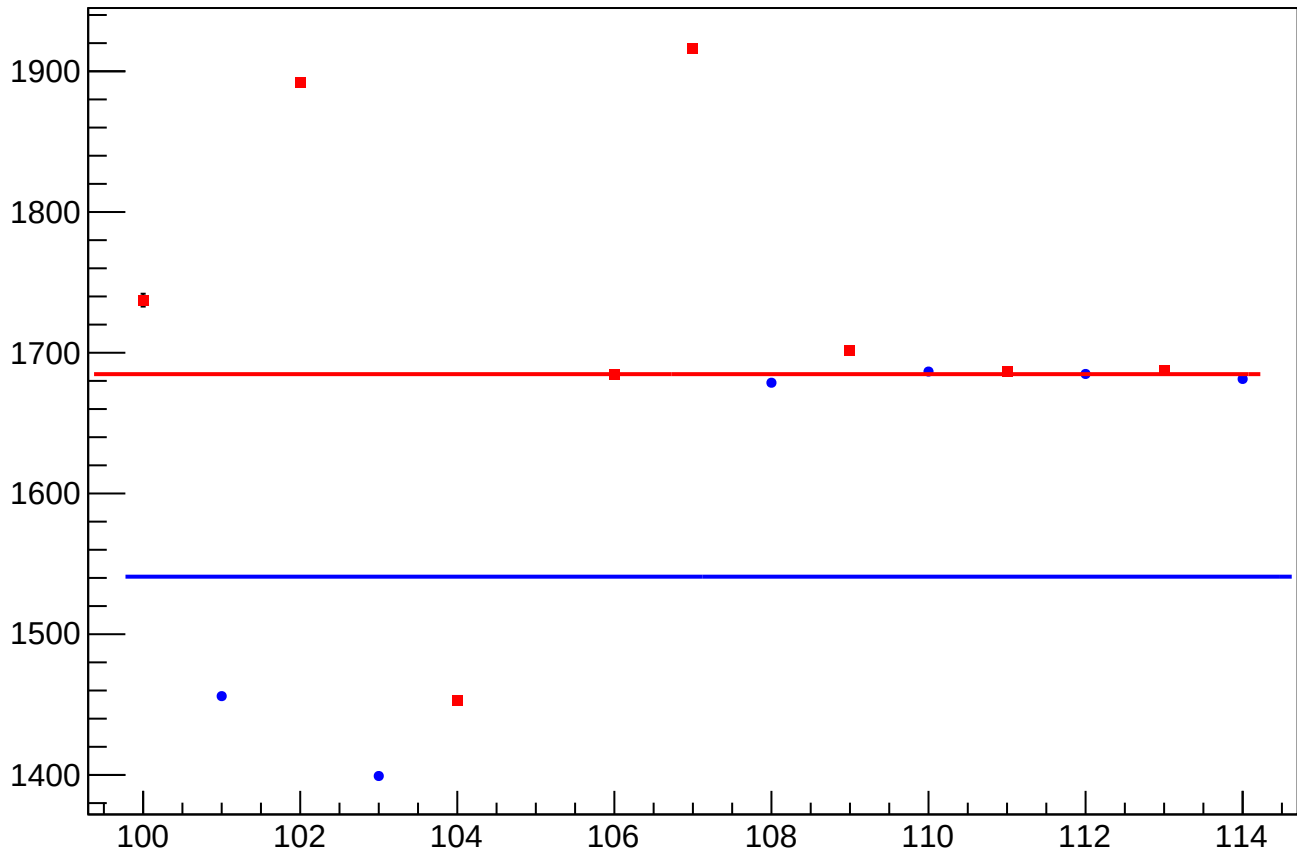
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.391+/-670.007 χ^2/NDF : 9.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1540.891+/-0.672 χ^2/NDF : 36665.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.797+/-0.668 χ^2/NDF : 47064.4/7

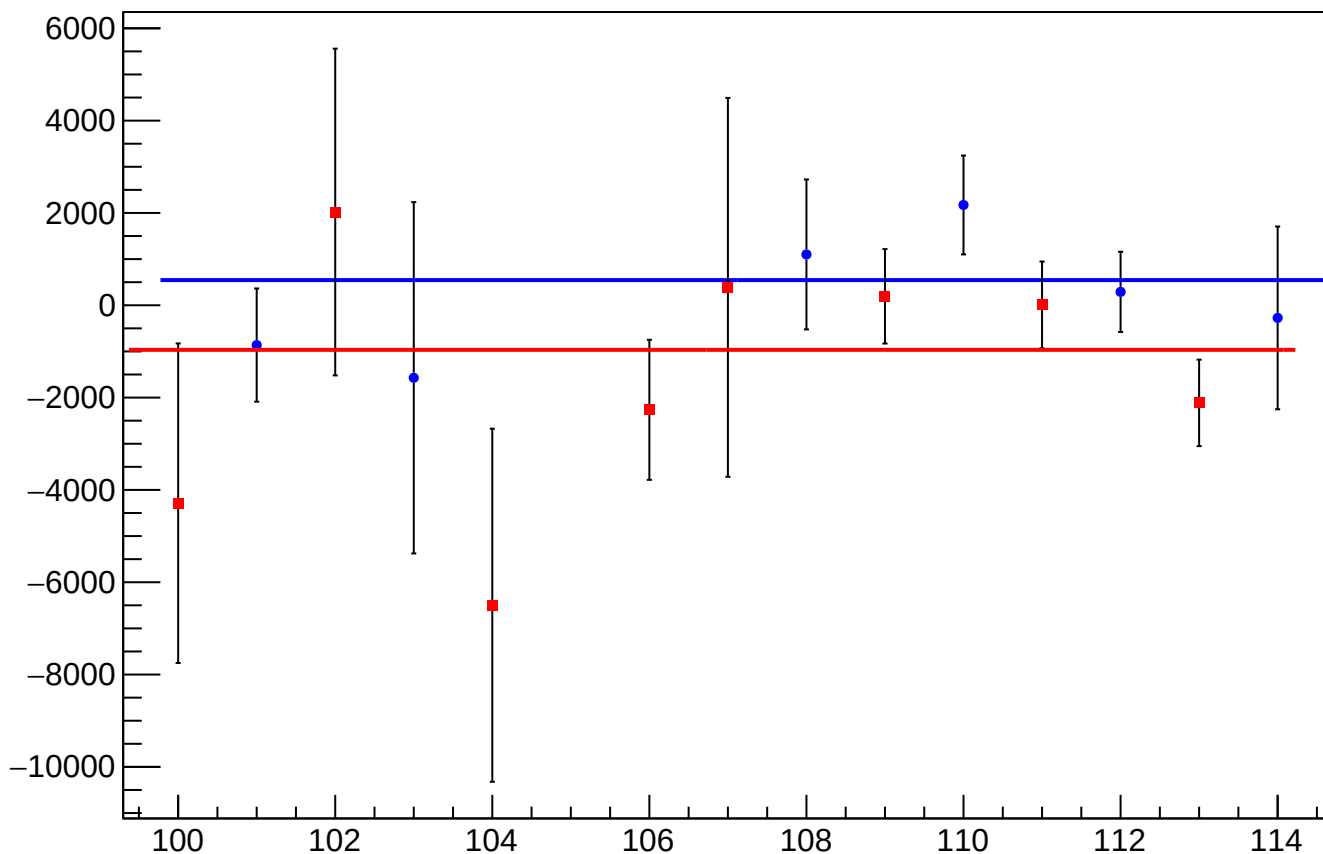
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.367+/-0.474 χ^2/NDF : 106795.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: 545.606 $\pm$ 529.715 χ^2 /NDF: 4.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -965.521 $\pm$ 502.975 χ^2 /NDF: 8.4/7

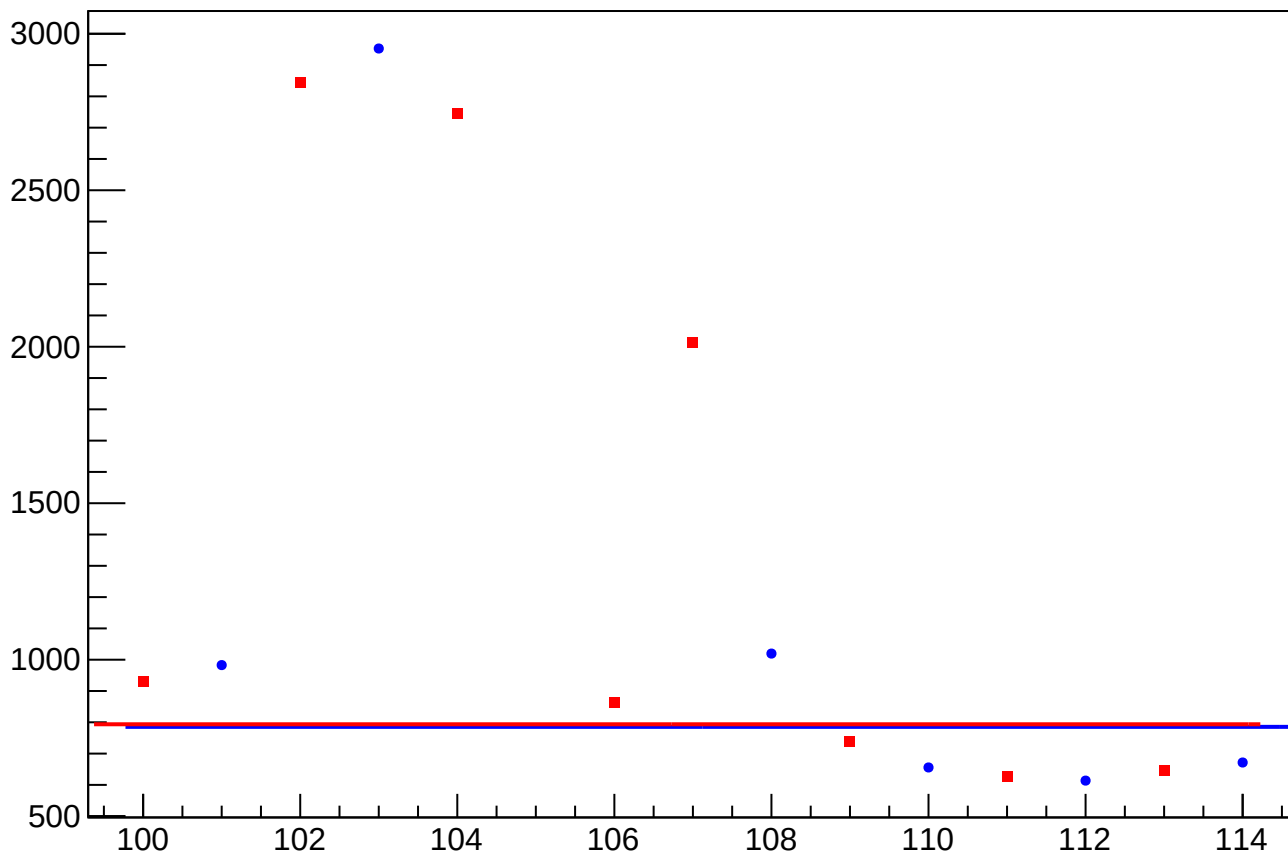
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -249.060 $\pm$ 364.744 χ^2 /NDF: 17.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 785.441+/-0.375 χ^2/NDF : 856134.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.690+/-0.356 χ^2/NDF : 1494359.7/7

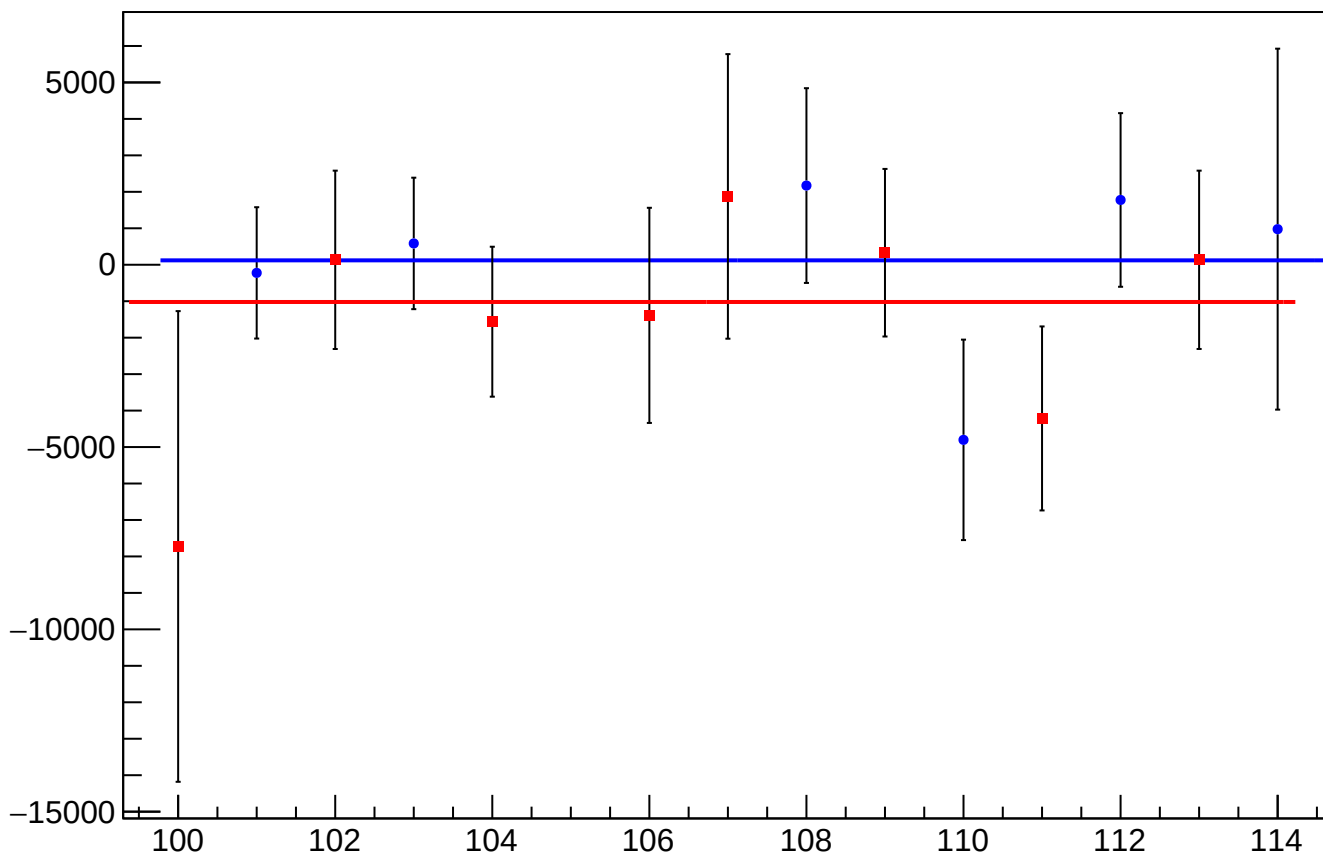
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.779+/-0.258 χ^2/NDF : 2350749.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: 120.629 $\pm$ 950.994 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -1021.113 $\pm$ -944.110 χ^2 /NDF: 4.1/7

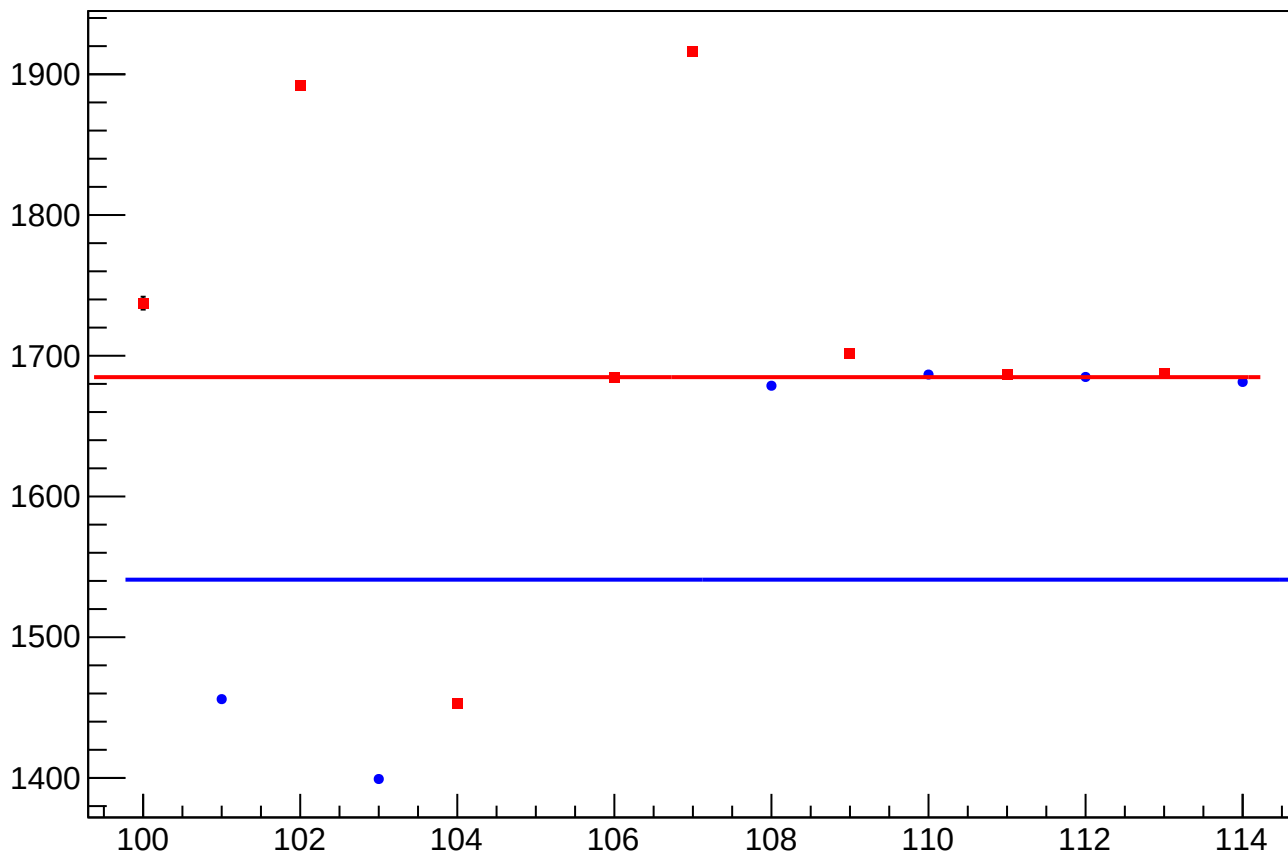
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -454.390 $\pm$ -670.007 χ^2 /NDF: 9.2/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1540.890+/-0.672 χ^2/NDF : 36666.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.797+/-0.668 χ^2/NDF : 47064.8/7

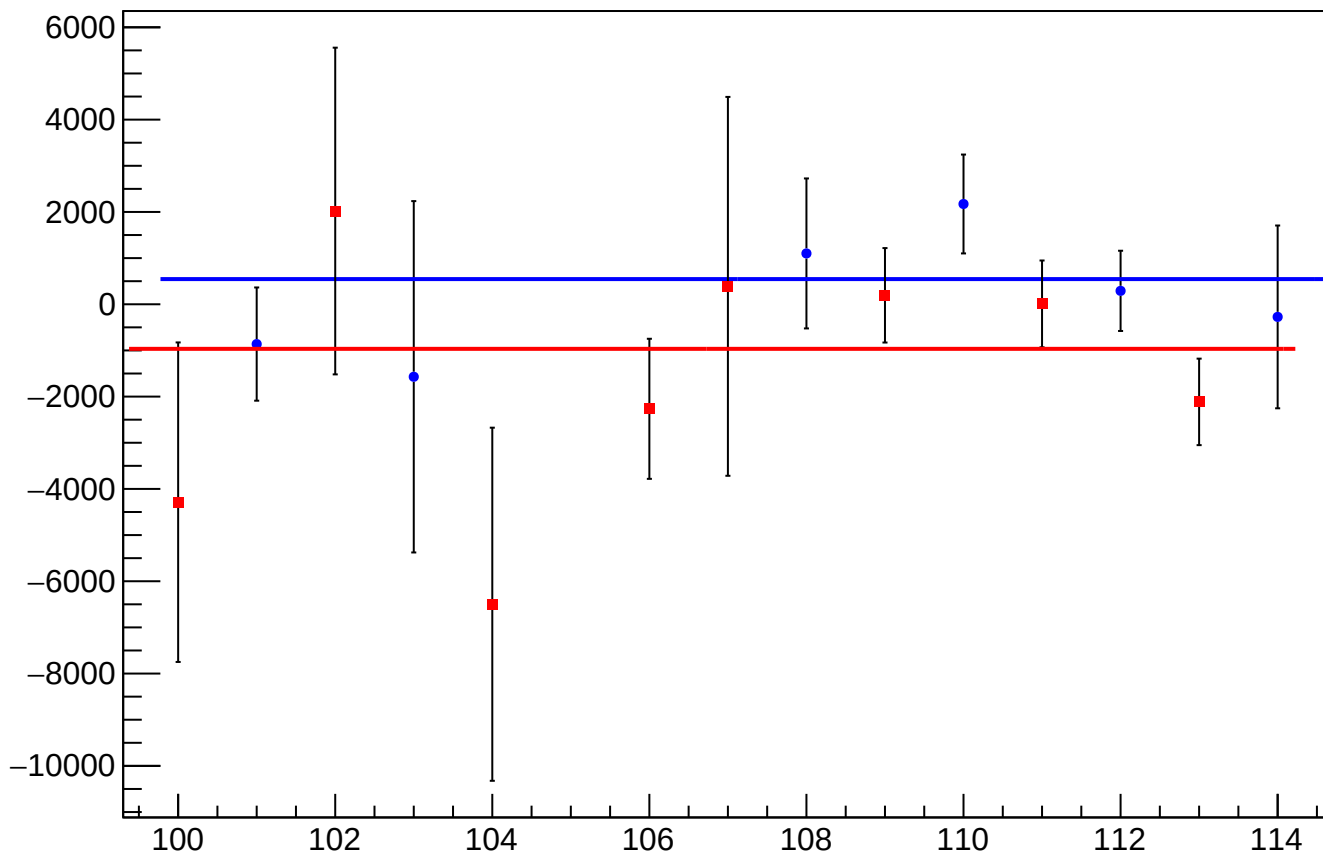
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.366+/-0.474 χ^2/NDF : 106795.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: 545.606 $\pm$ 529.715 χ^2 /NDF: 4.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -965.519 $\pm$ 502.975 χ^2 /NDF: 8.4/7

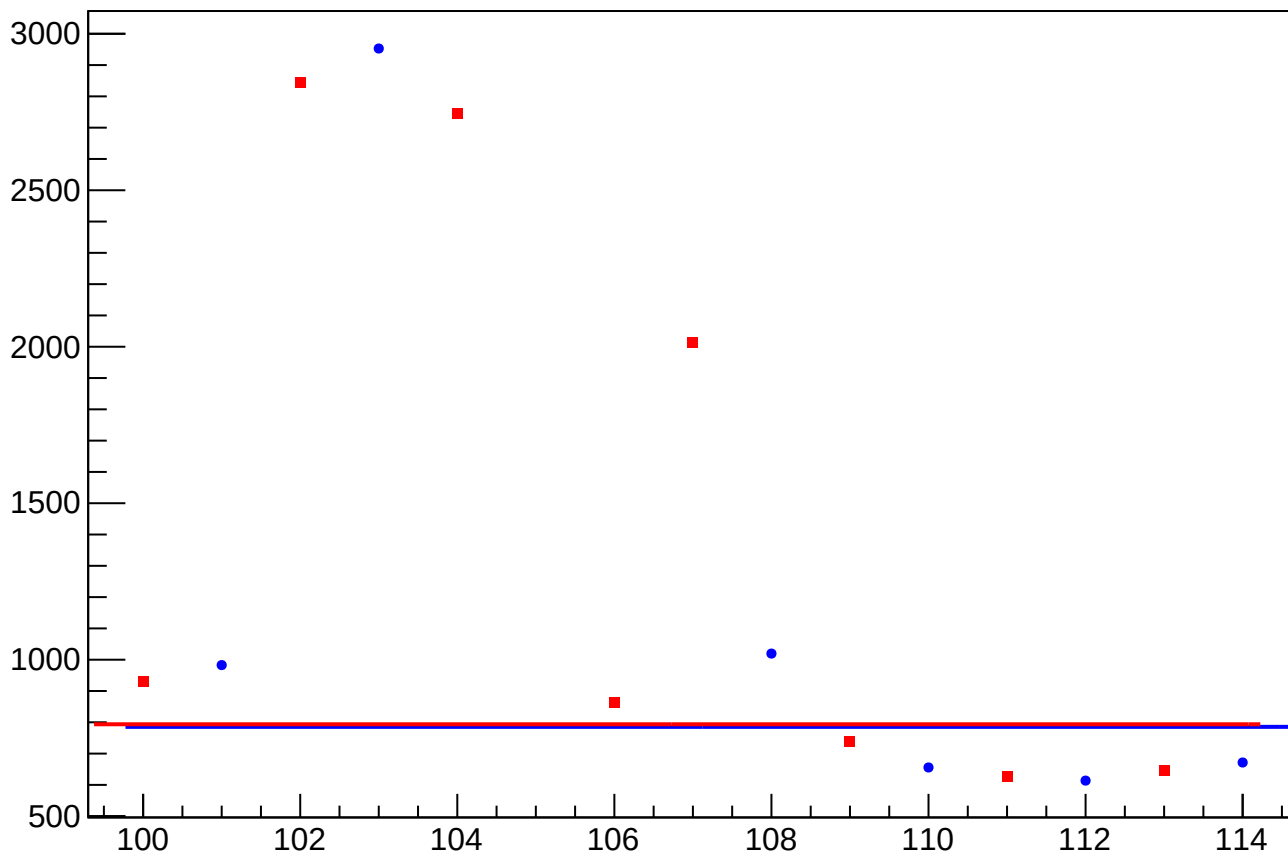
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -249.060 $\pm$ 364.744 χ^2 /NDF: 17.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 785.441 $\pm$ 0.375 χ^2 /NDF: 856132.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 793.690 $\pm$ 0.356 χ^2 /NDF: 1494361.5/7

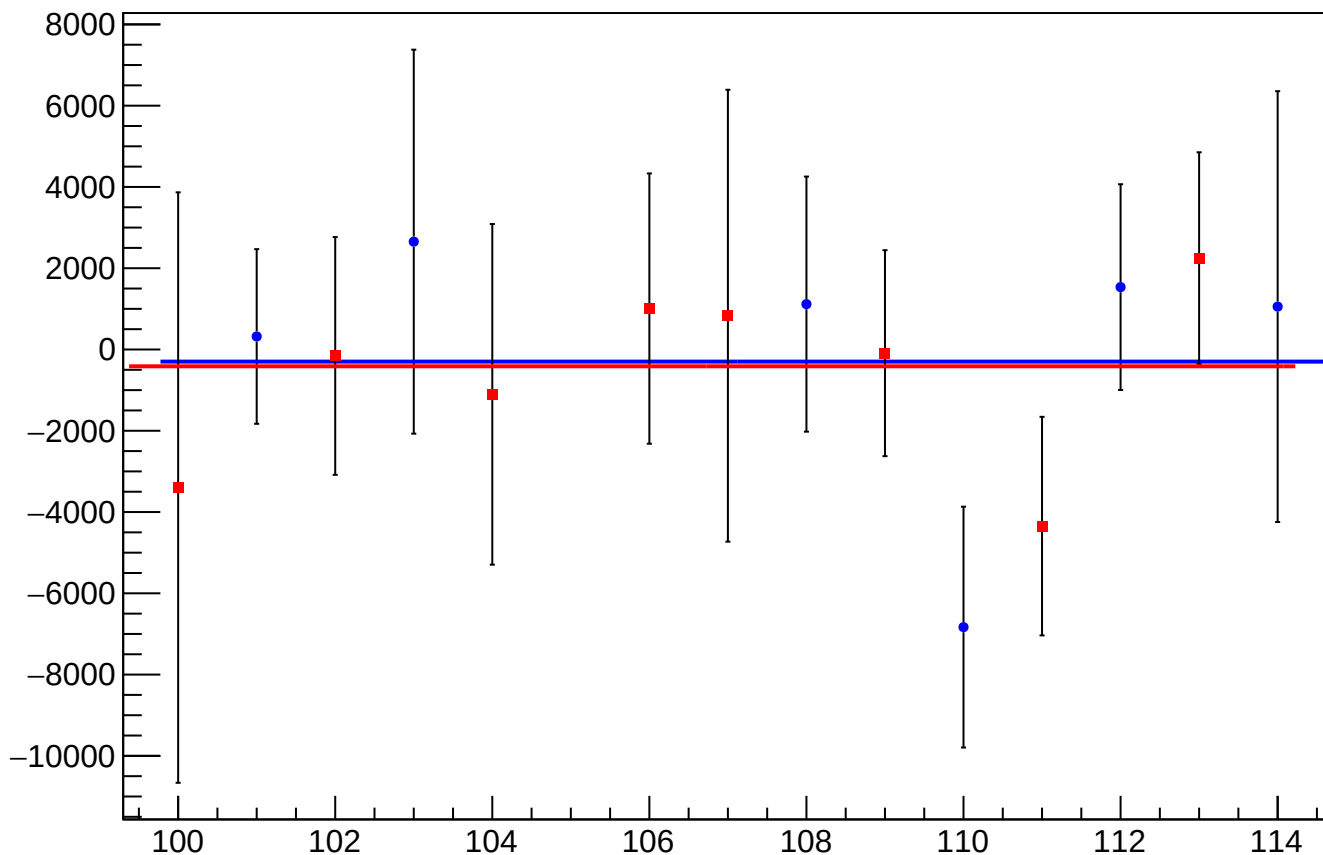
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 789.779 $\pm$ 0.258 χ^2 /NDF: 2350749.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: -298.183+/-1223.130 χ^2/NDF : 6.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -413.538+/-1149.783 χ^2/NDF : 3.6/7

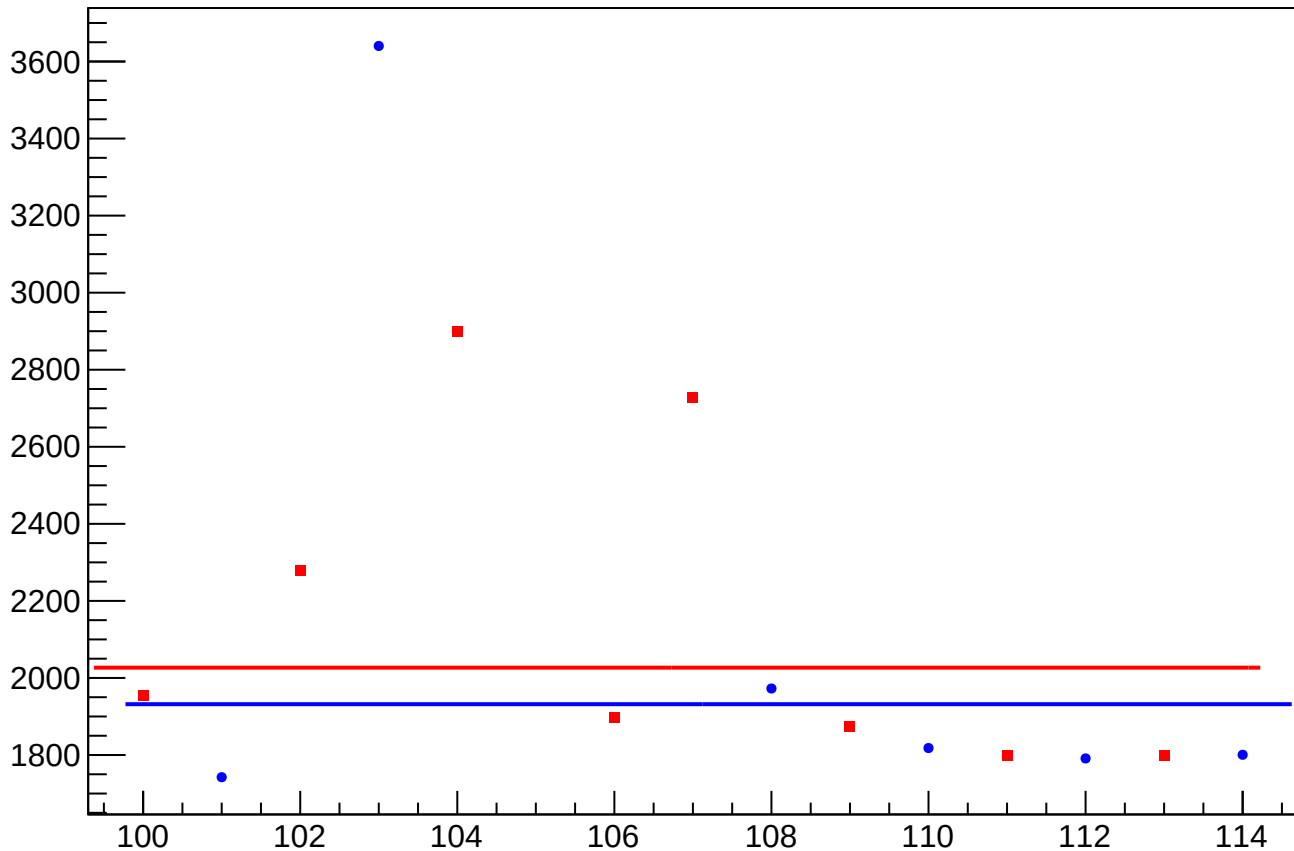
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.423+/-837.750 χ^2/NDF : 9.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1931.913 $\pm$ 0.865 χ^2 /NDF: 287771.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2026.723 $\pm$ 0.813 χ^2 /NDF: 173460.5/7

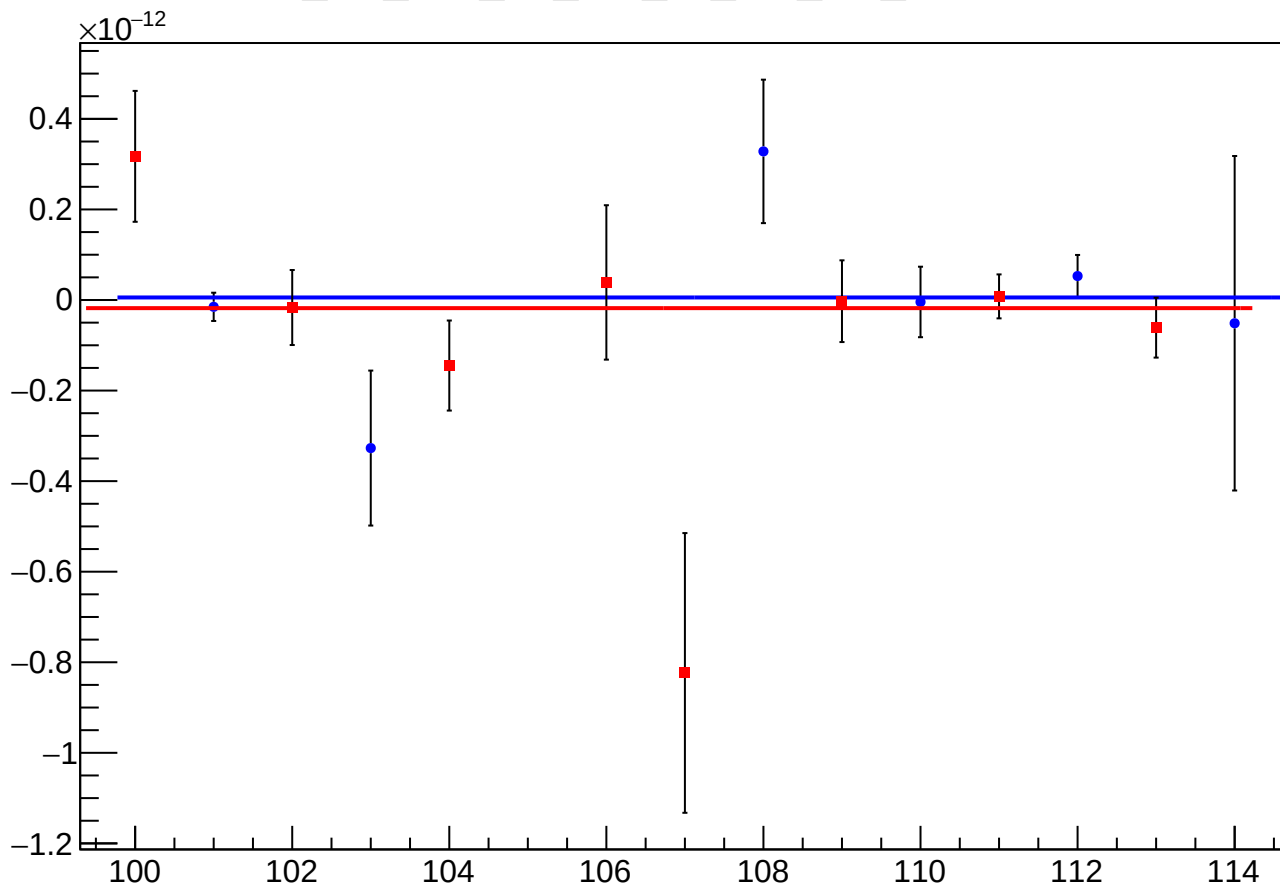
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1982.246 $\pm$ 0.592 χ^2 /NDF: 467611.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 9.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 14.7/7

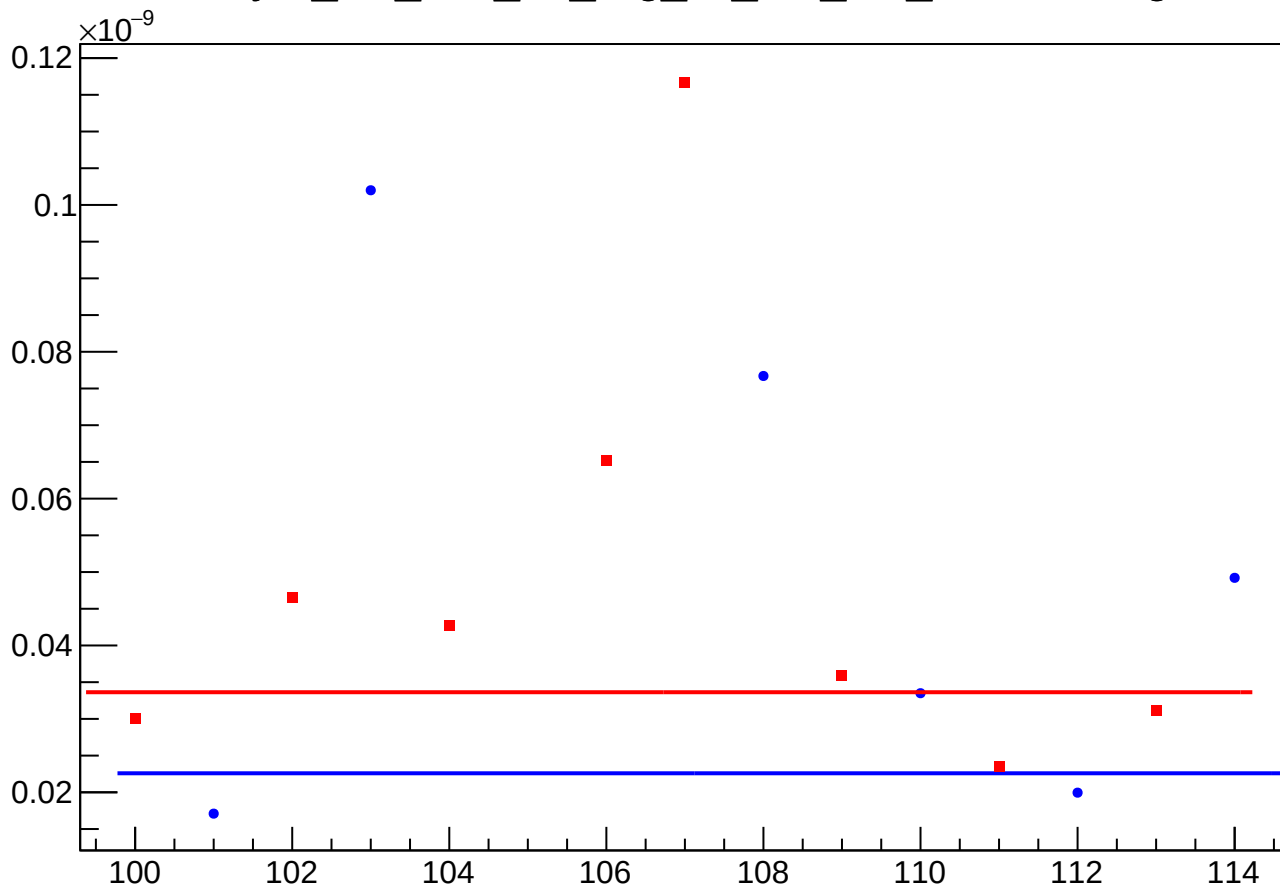
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 782229.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 370878.8/7

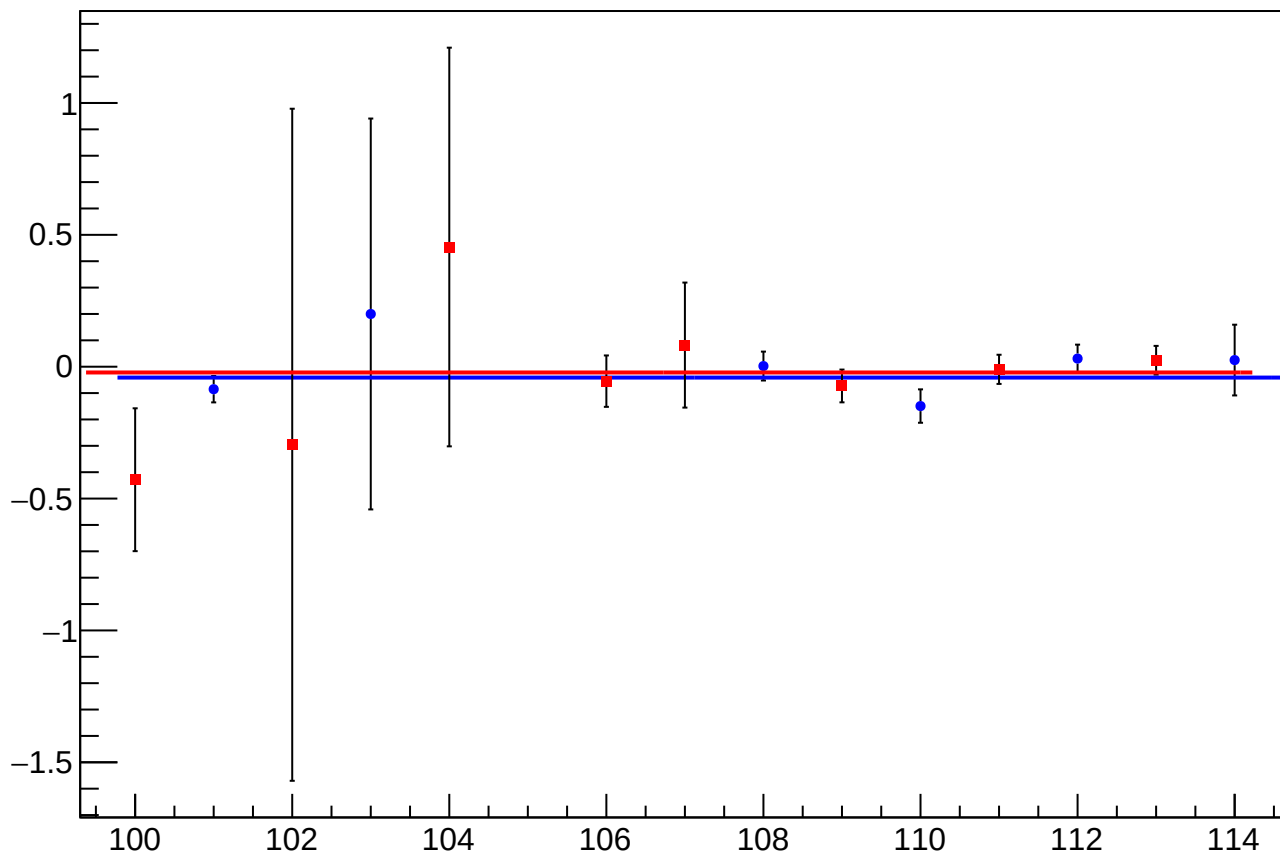
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1318578.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.041 ± 0.027 χ^2/NDF : 6.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.031 χ^2/NDF : 4.5/7

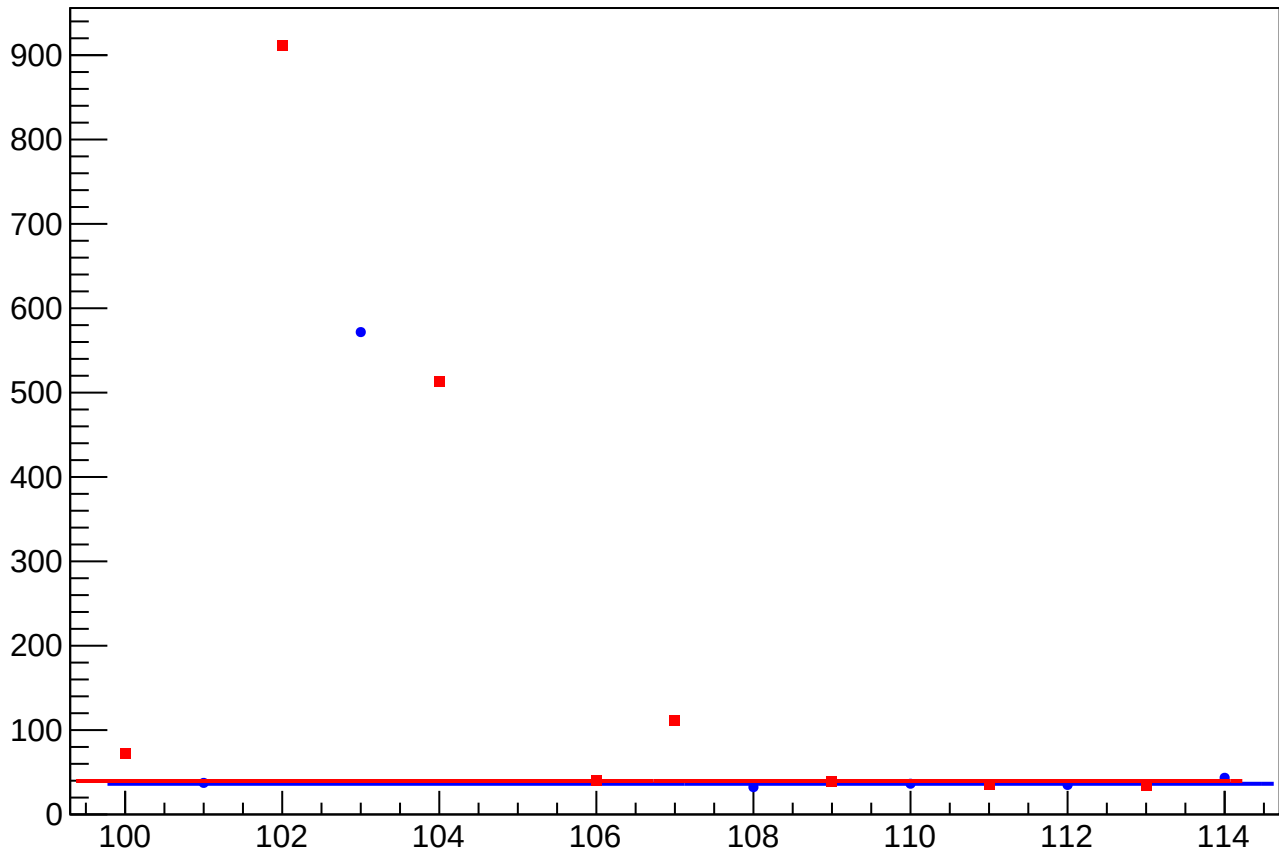
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.020 χ^2/NDF : 11.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 36.354+/-0.019 χ^2/NDF : 1062203.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.649+/-0.022 χ^2/NDF : 1963013.8/7

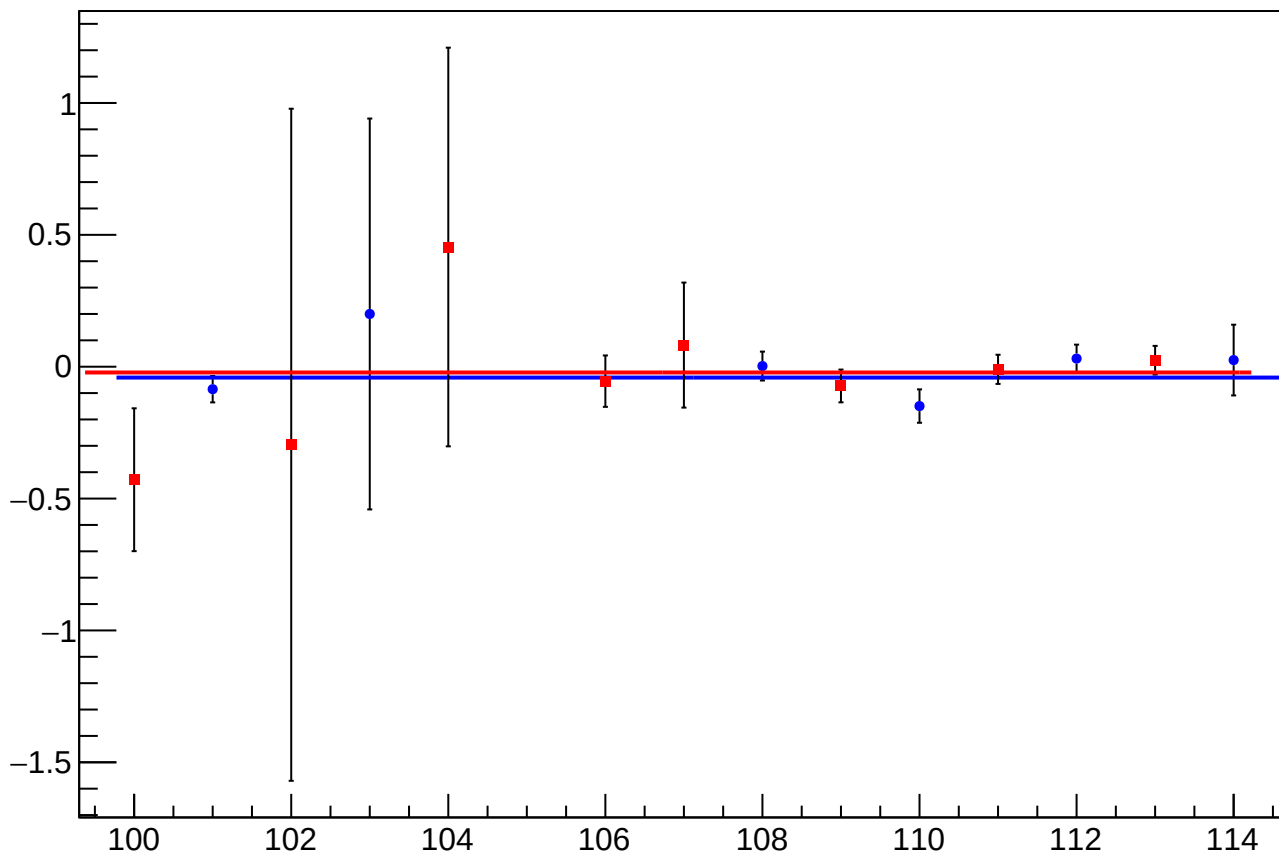
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.779+/-0.014 χ^2/NDF : 3038348.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.041 ± 0.027 χ^2/NDF : 6.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.031 χ^2/NDF : 4.5/7

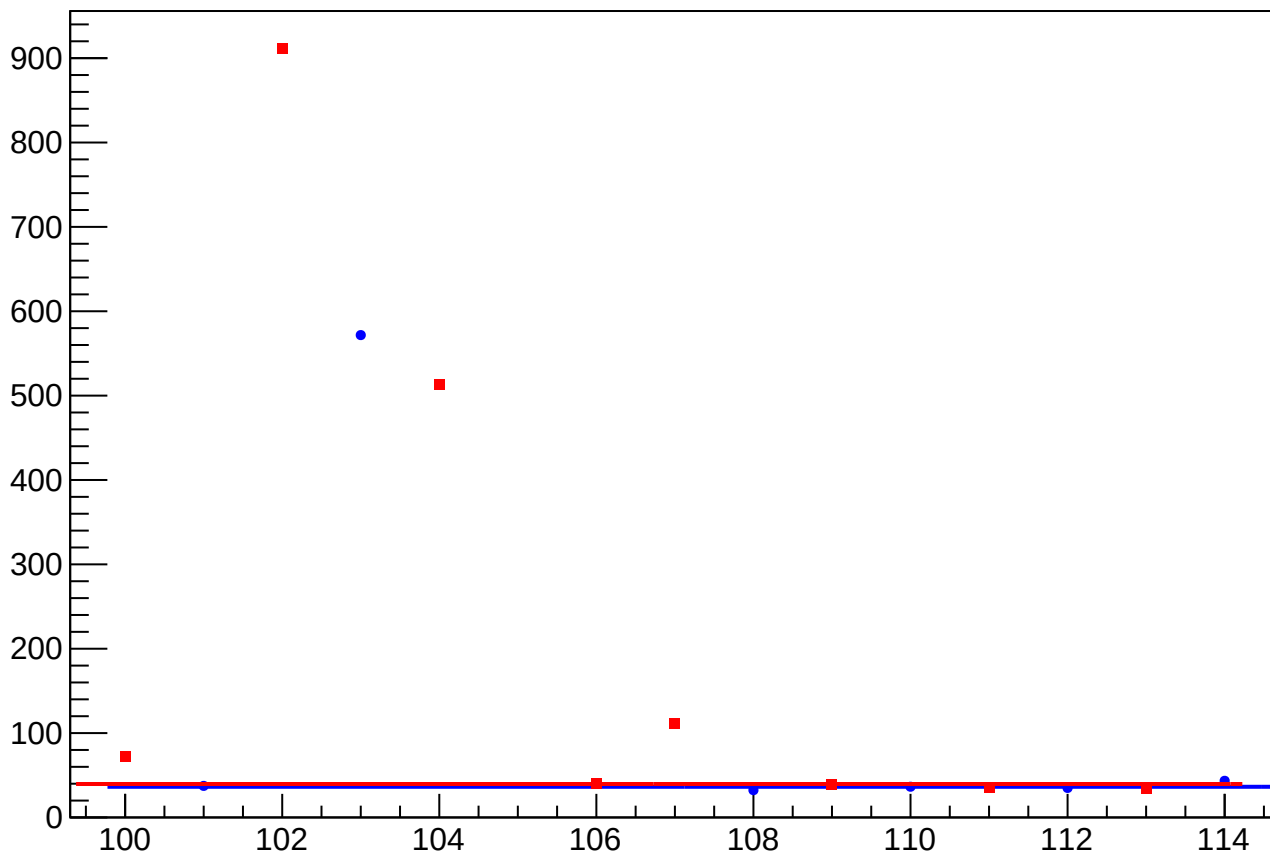
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.020 χ^2/NDF : 11.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.354+/-0.019 χ^2/NDF : 1062203.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.649+/-0.022 χ^2/NDF : 1963013.8/7

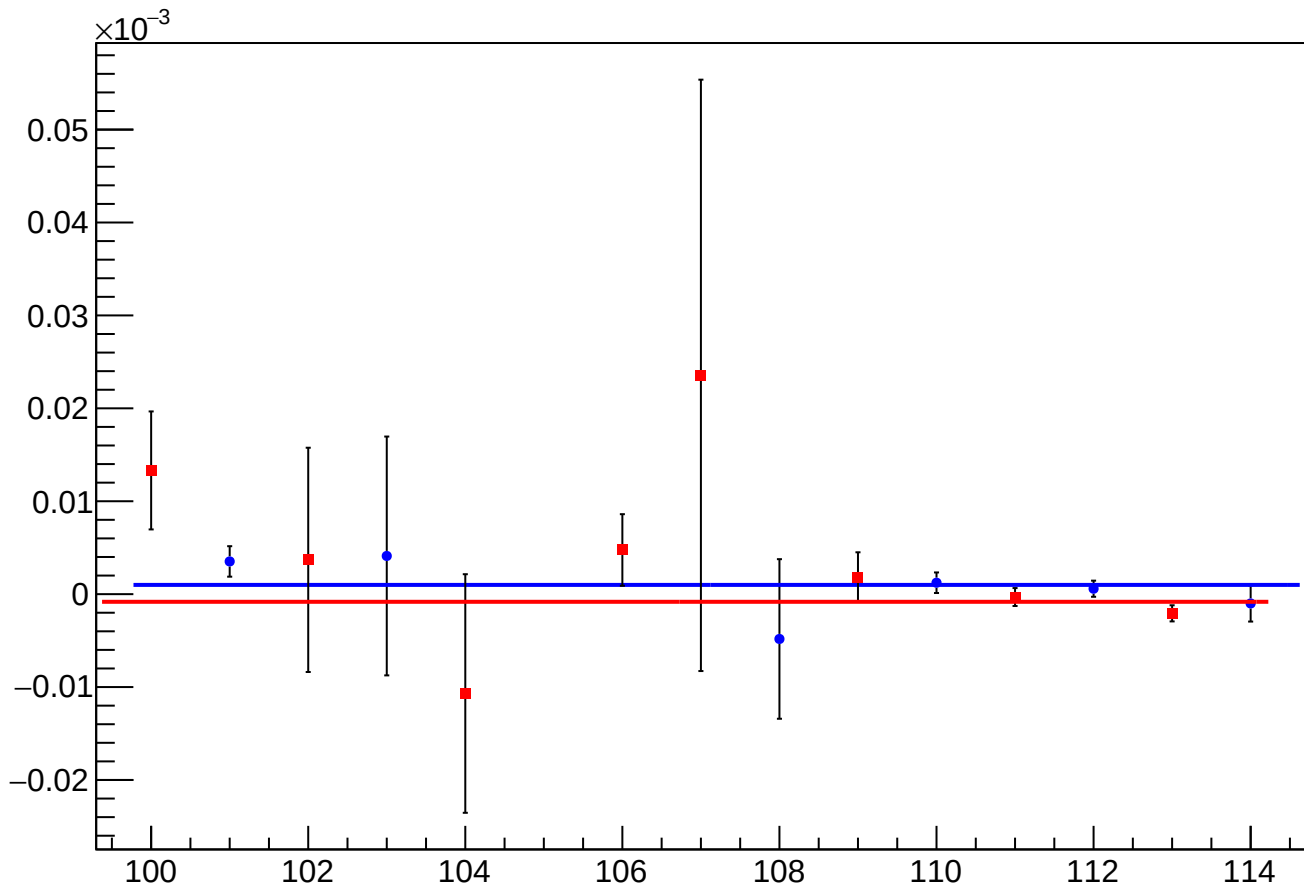
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.779+/-0.014 χ^2/NDF : 3038348.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/7

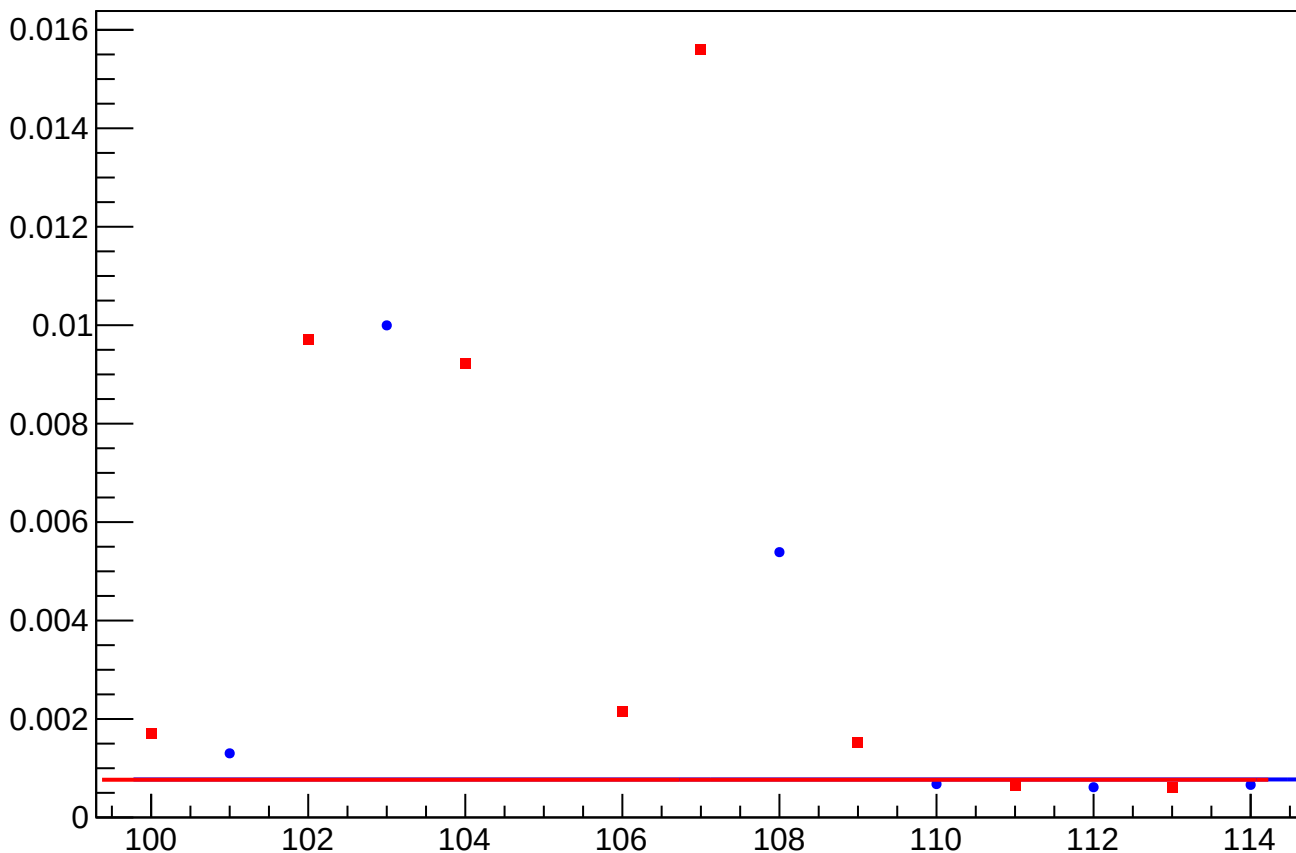
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1904378.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2974232.9/7

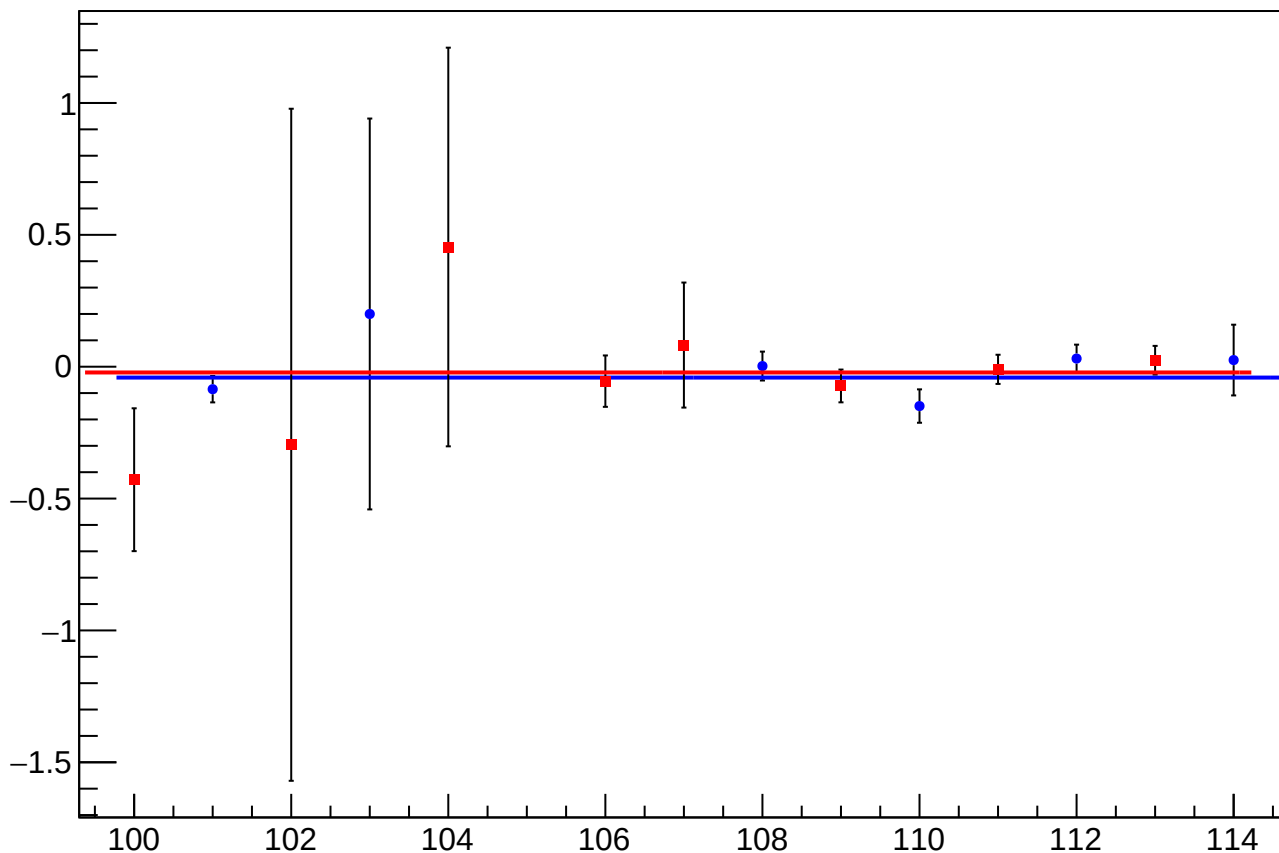
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4878709.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.041 ± 0.027 χ^2/NDF : 6.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.031 χ^2/NDF : 4.5/7

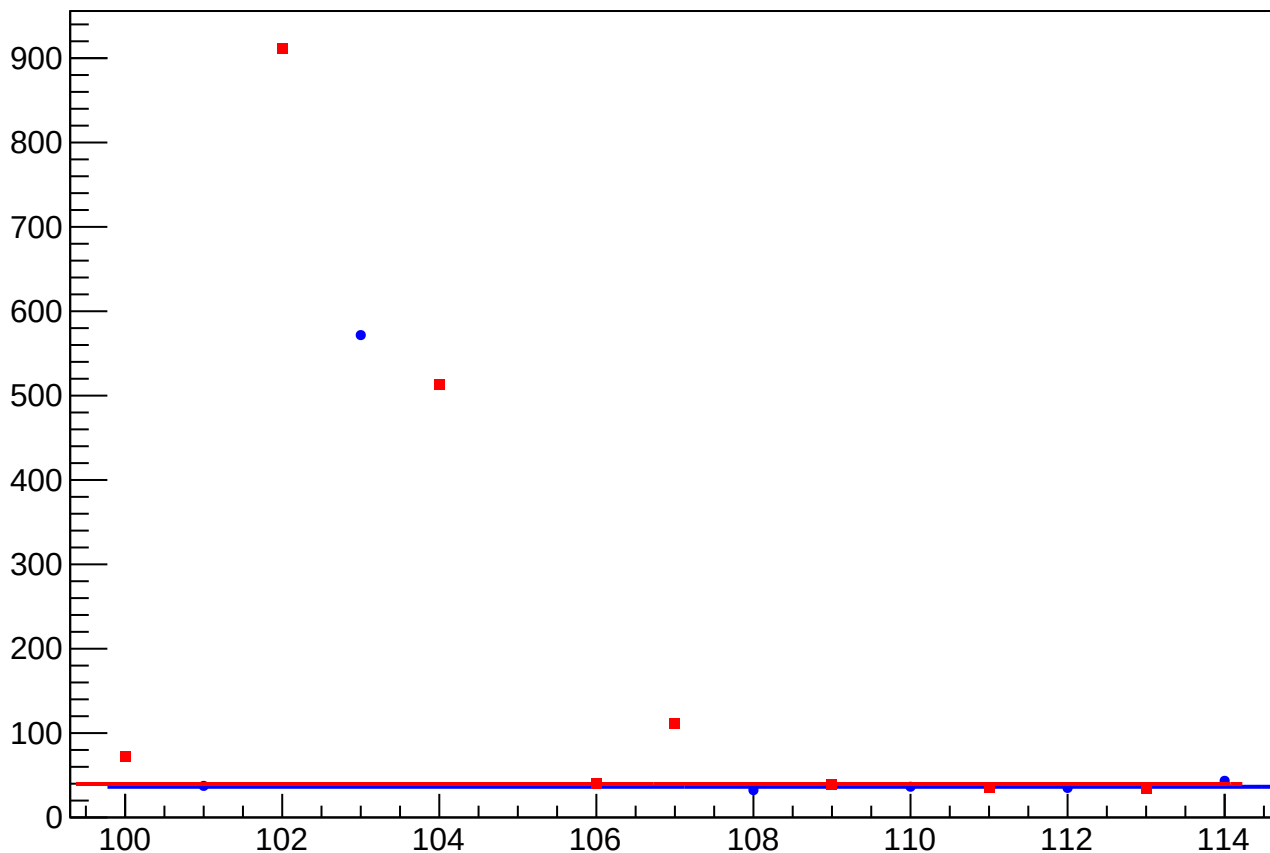
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.020 χ^2/NDF : 11.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 36.354+/-0.019 χ^2/NDF : 1062196.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.650+/-0.022 χ^2/NDF : 1963005.2/7

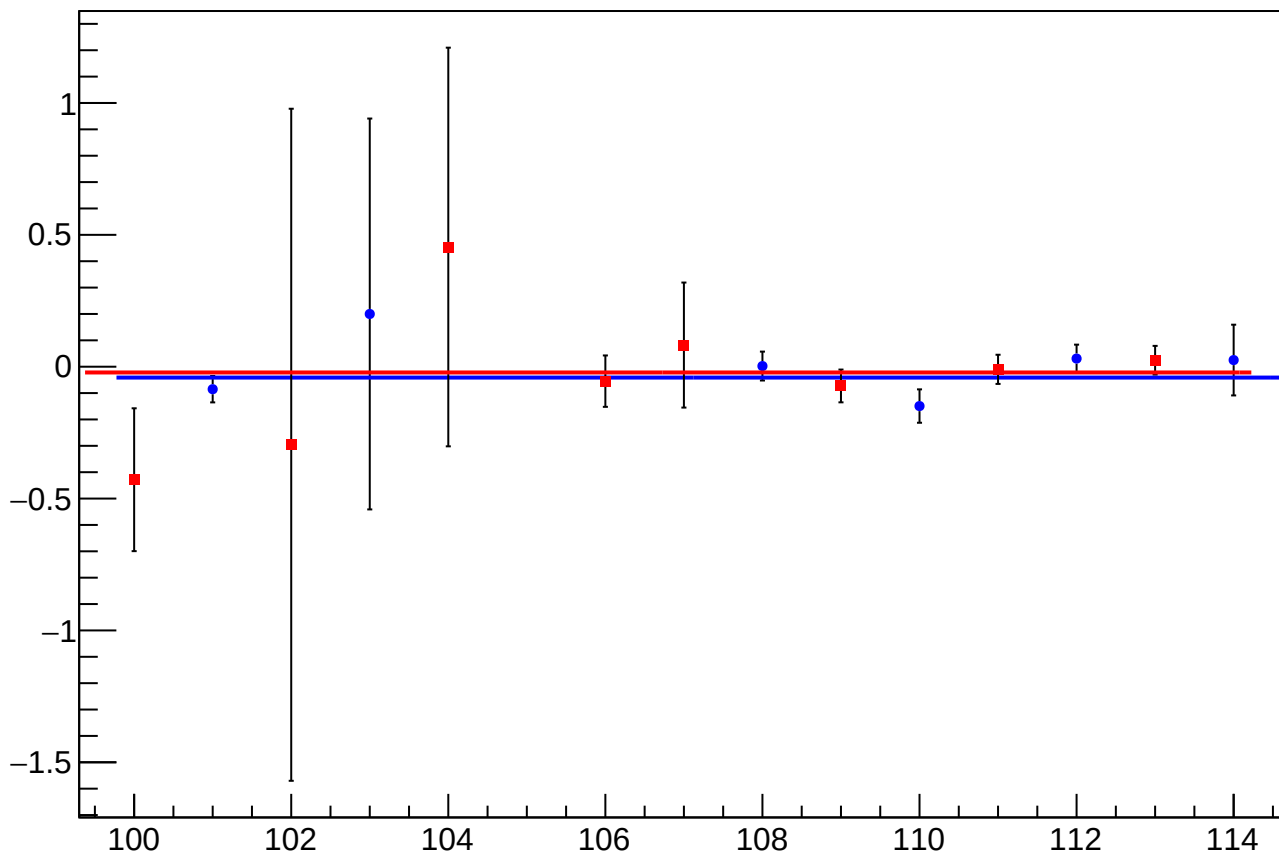
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.780+/-0.014 χ^2/NDF : 3038335.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.041 ± 0.027 χ^2/NDF : 6.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.031 χ^2/NDF : 4.5/7

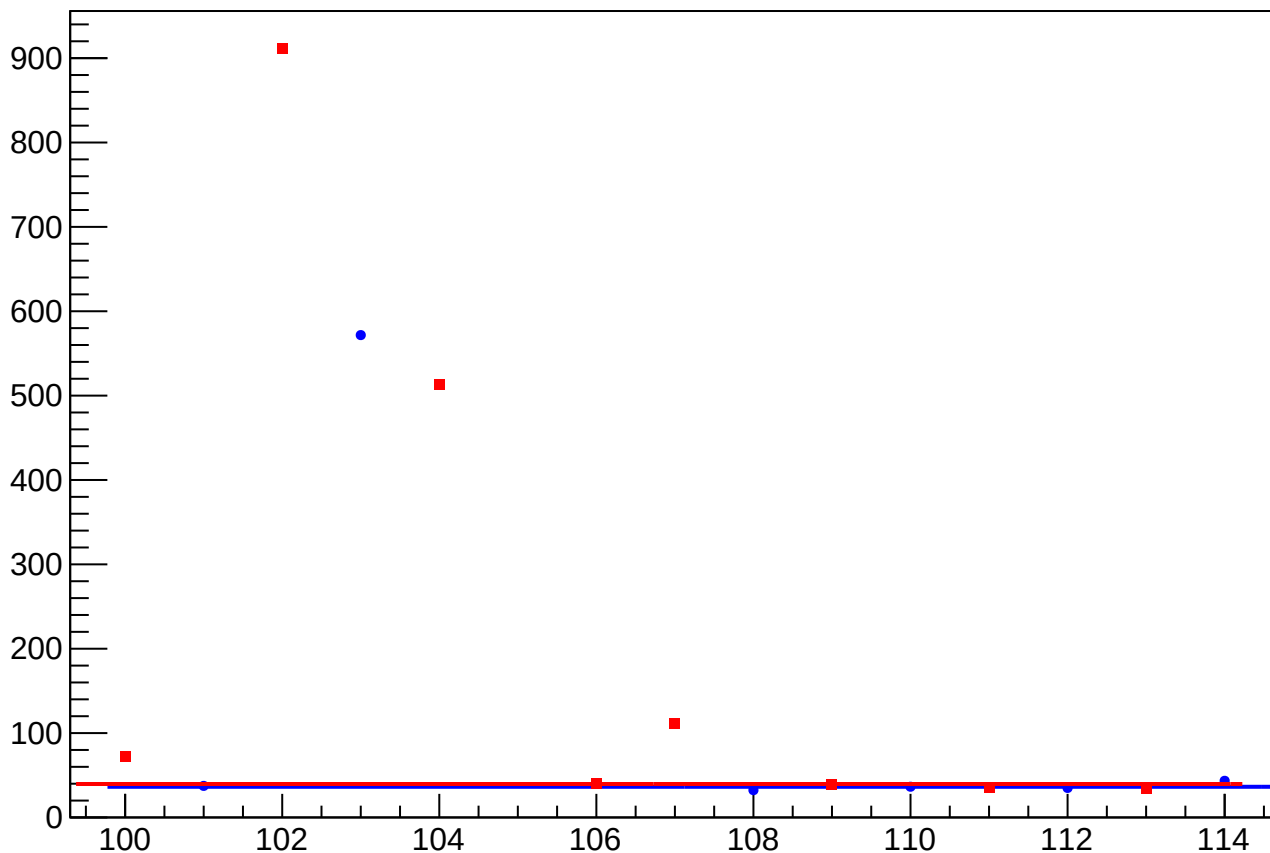
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.020 χ^2/NDF : 11.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.354+/-0.019 χ^2/NDF : 1062196.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.650+/-0.022 χ^2/NDF : 1963005.2/7

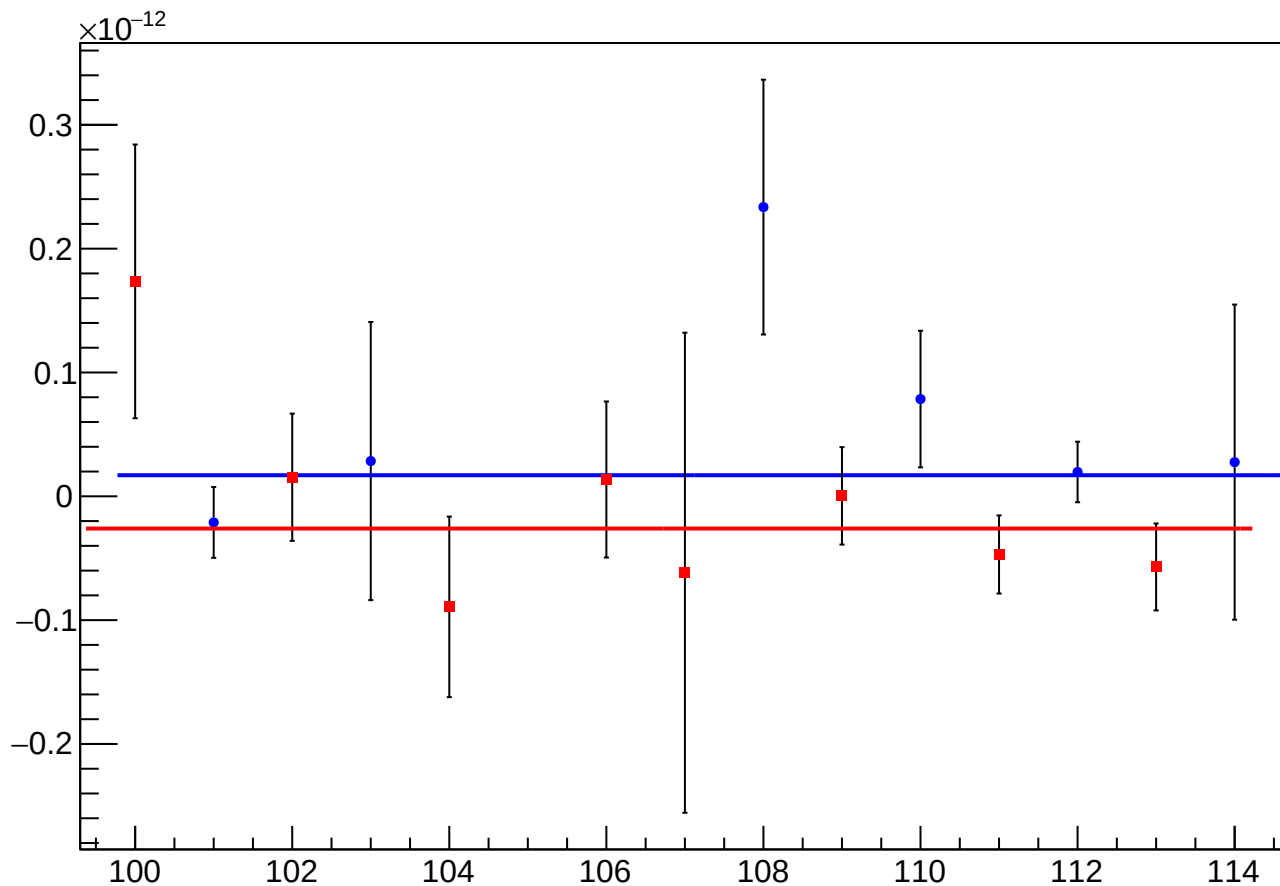
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.780+/-0.014 χ^2/NDF : 3038335.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/7

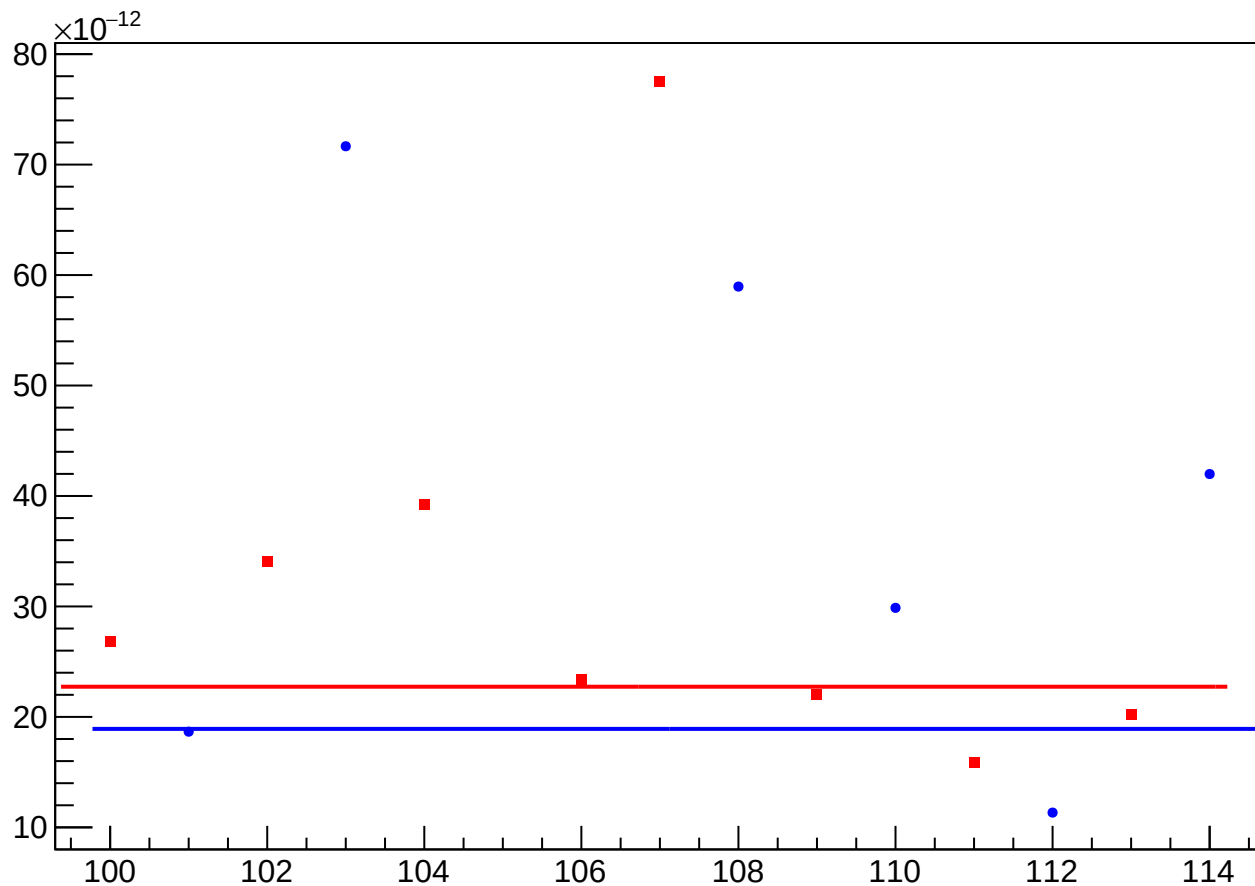
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1081038.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 467991.4/7

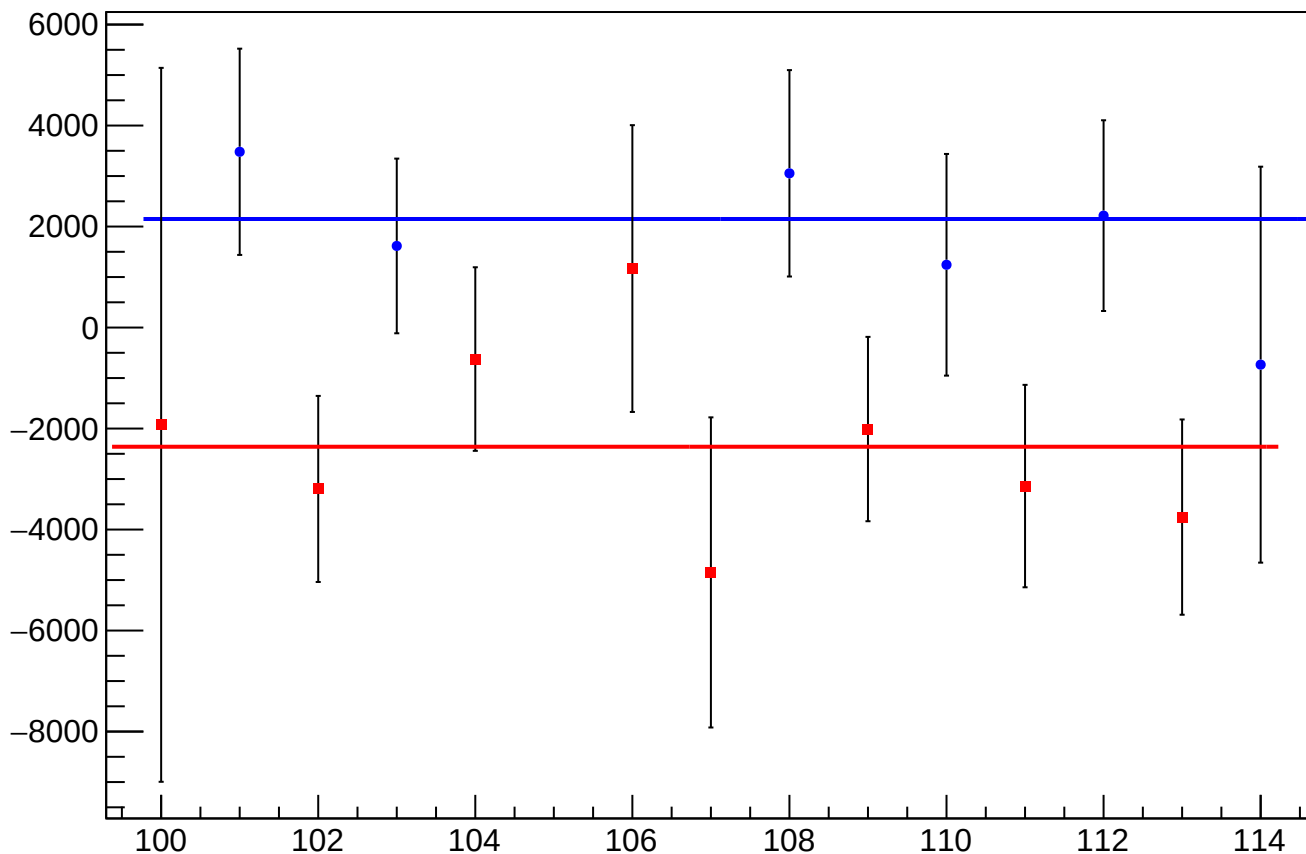
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1598954.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2149.611 $\pm$ 855.406 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2360.007 $\pm$ 775.208 χ^2 /NDF: 4.0/7

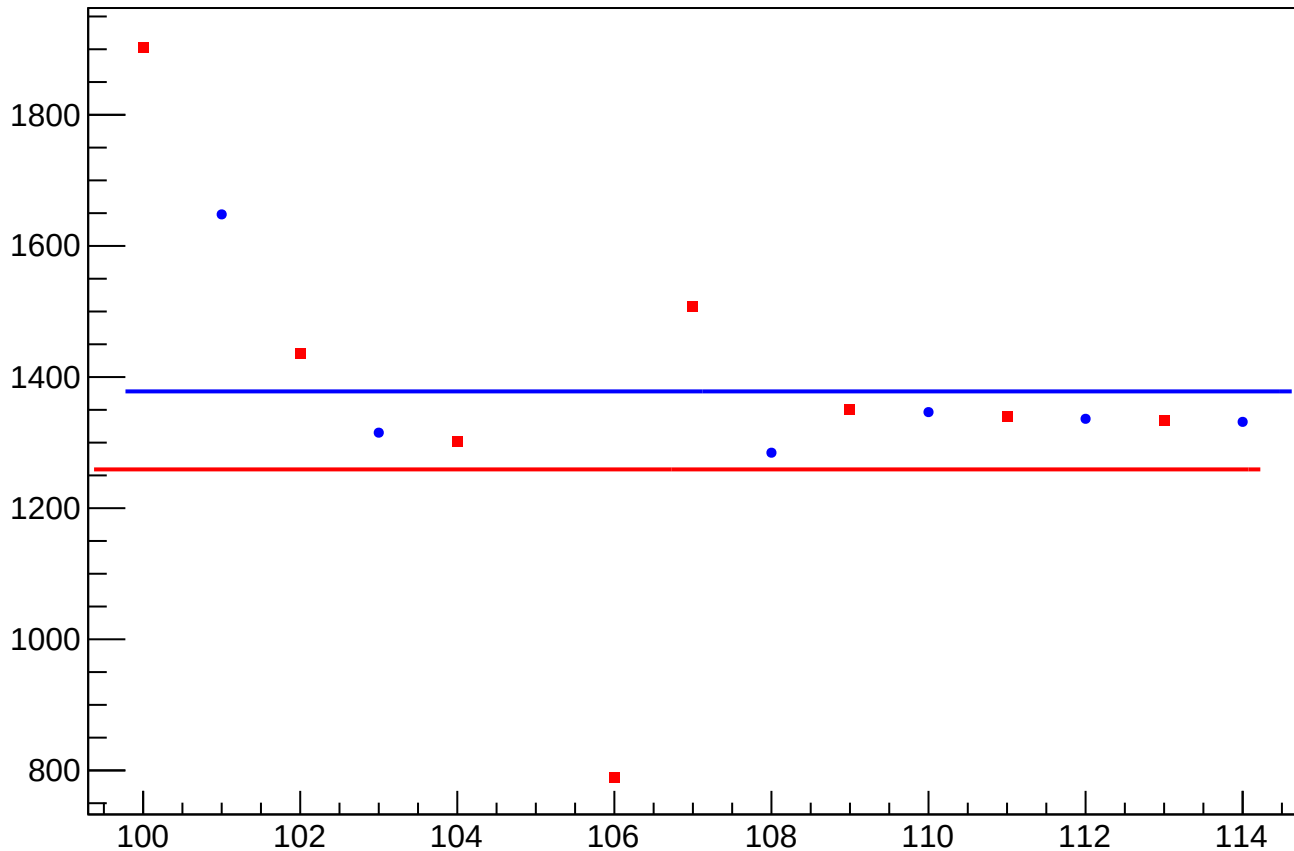
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -326.456 $\pm$ 574.420 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1378.140 $\pm$ 0.605 χ^2 /NDF: 43473.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1259.149 $\pm$ 0.512 χ^2 /NDF: 222306.5/7

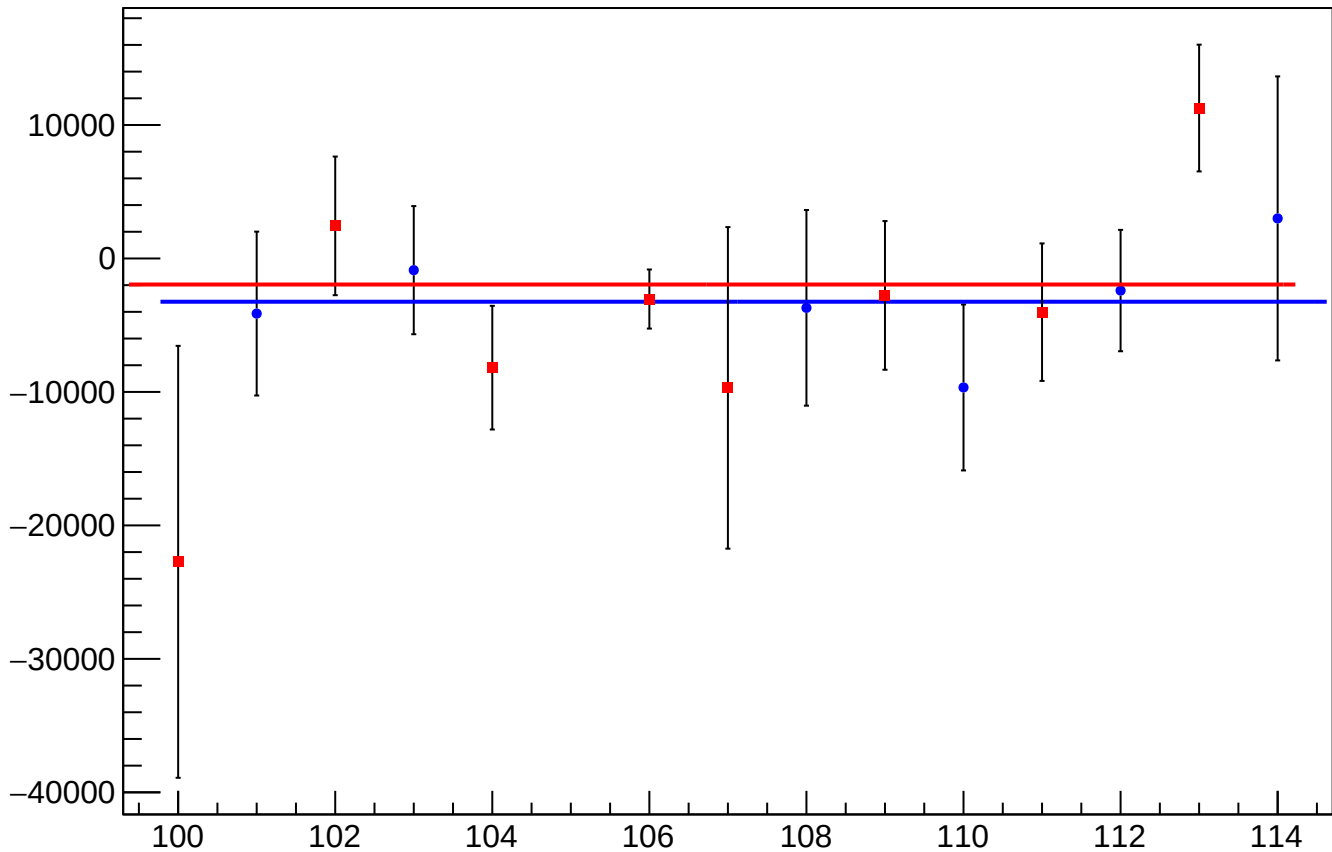
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1308.821 $\pm$ 0.391 χ^2 /NDF: 288324.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: -3241.555+/-2414.004 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1951.770+/-1556.746 χ^2/NDF : 12.8/7

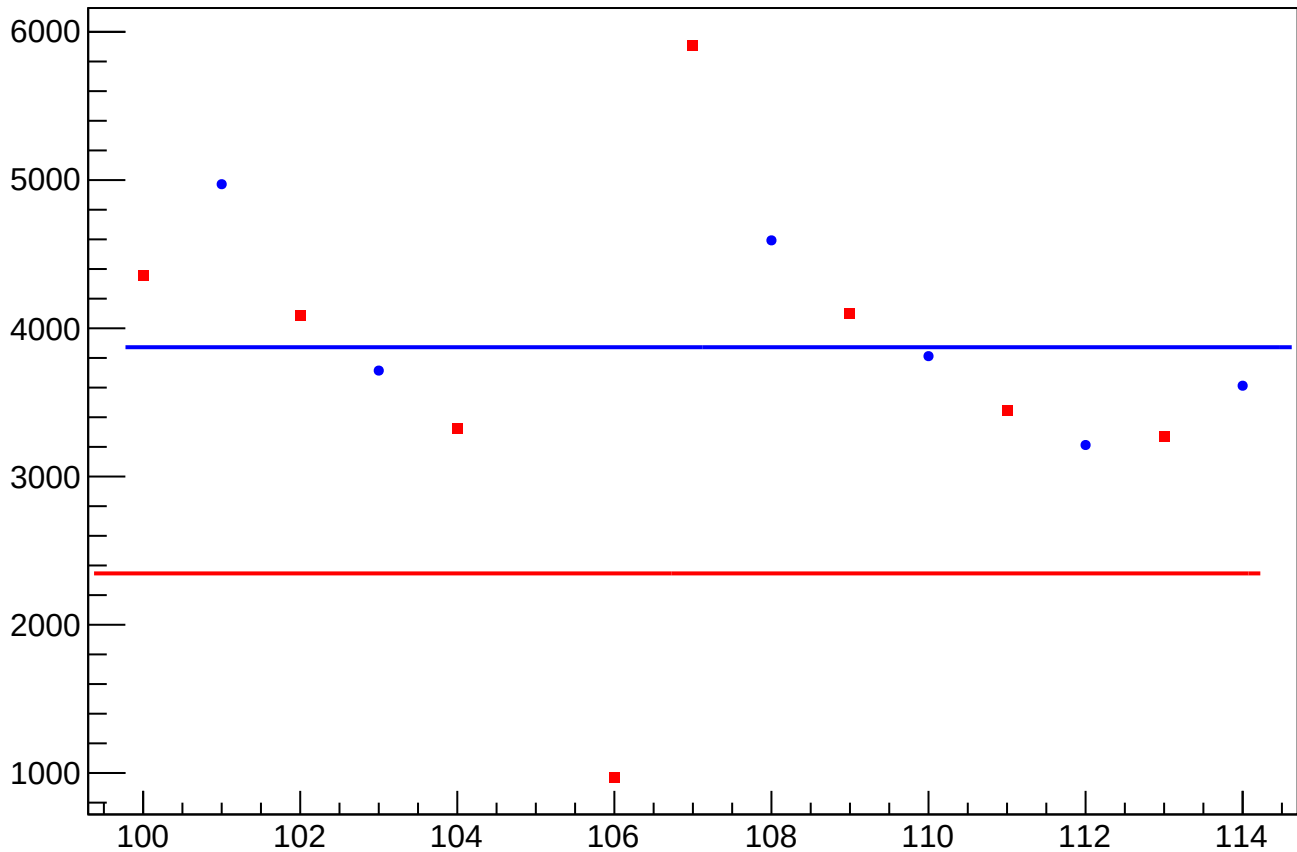
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2330.608+/-1308.296 χ^2/NDF : 14.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3872.421+/-1.707 χ^2/NDF : 129151.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2346.452+/-1.101 χ^2/NDF : 1656692.5/7

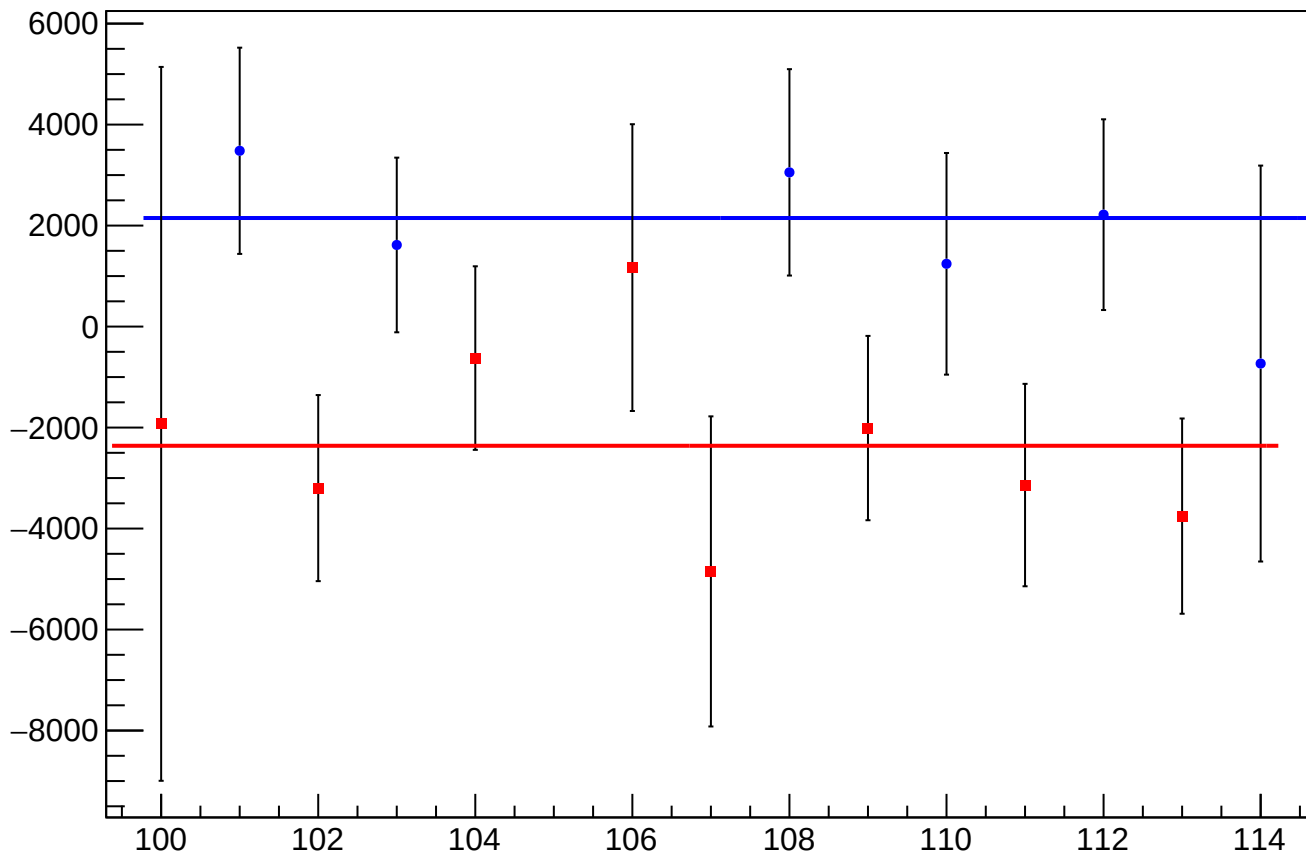
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2794.662+/-0.925 χ^2/NDF : 2350288.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2149.903 $\pm$ 855.406 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -2360.513 $\pm$ 775.219 χ^2 /NDF: 4.0/7

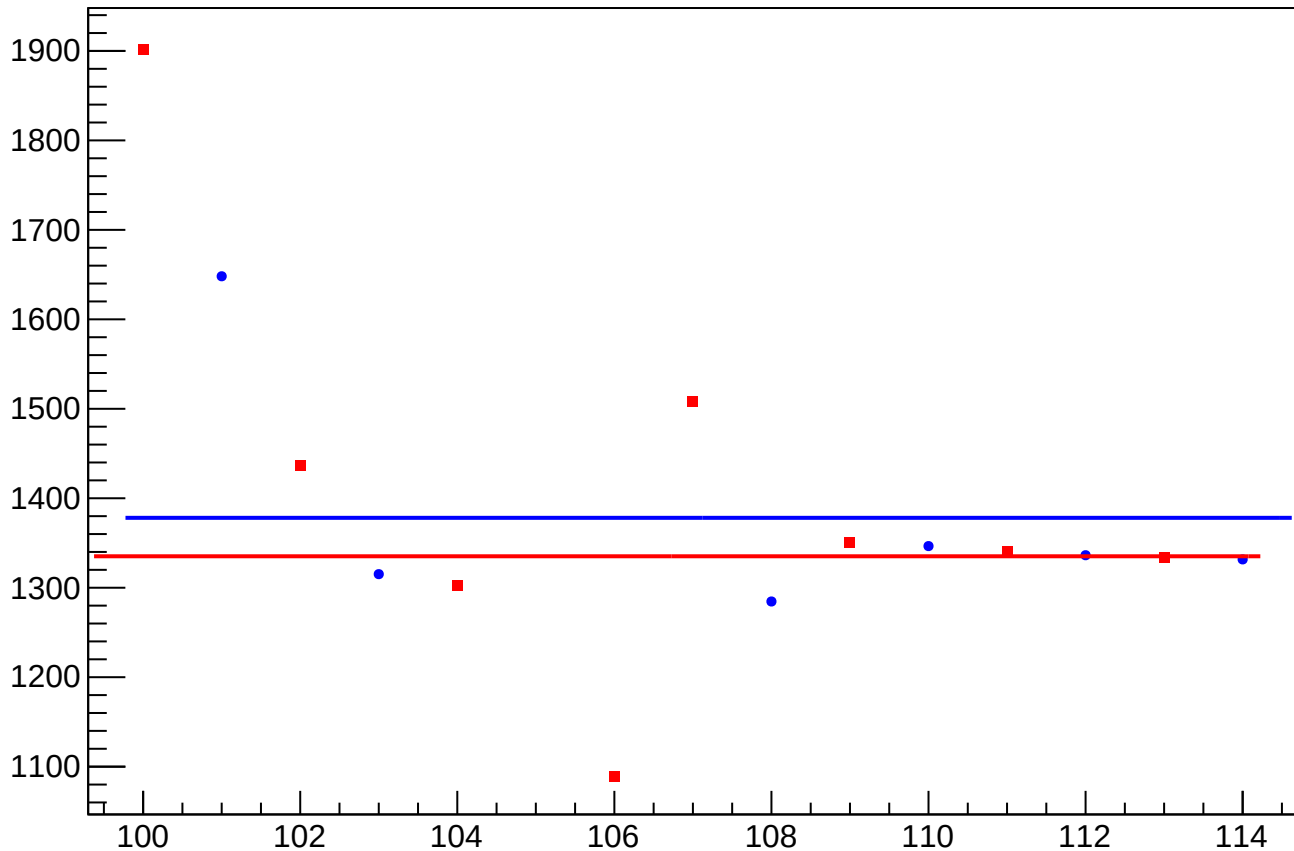
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -326.571 $\pm$ 574.425 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1378.139+/-0.605 χ^2/NDF : 43473.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.158+/-0.532 χ^2/NDF : 53263.2/7

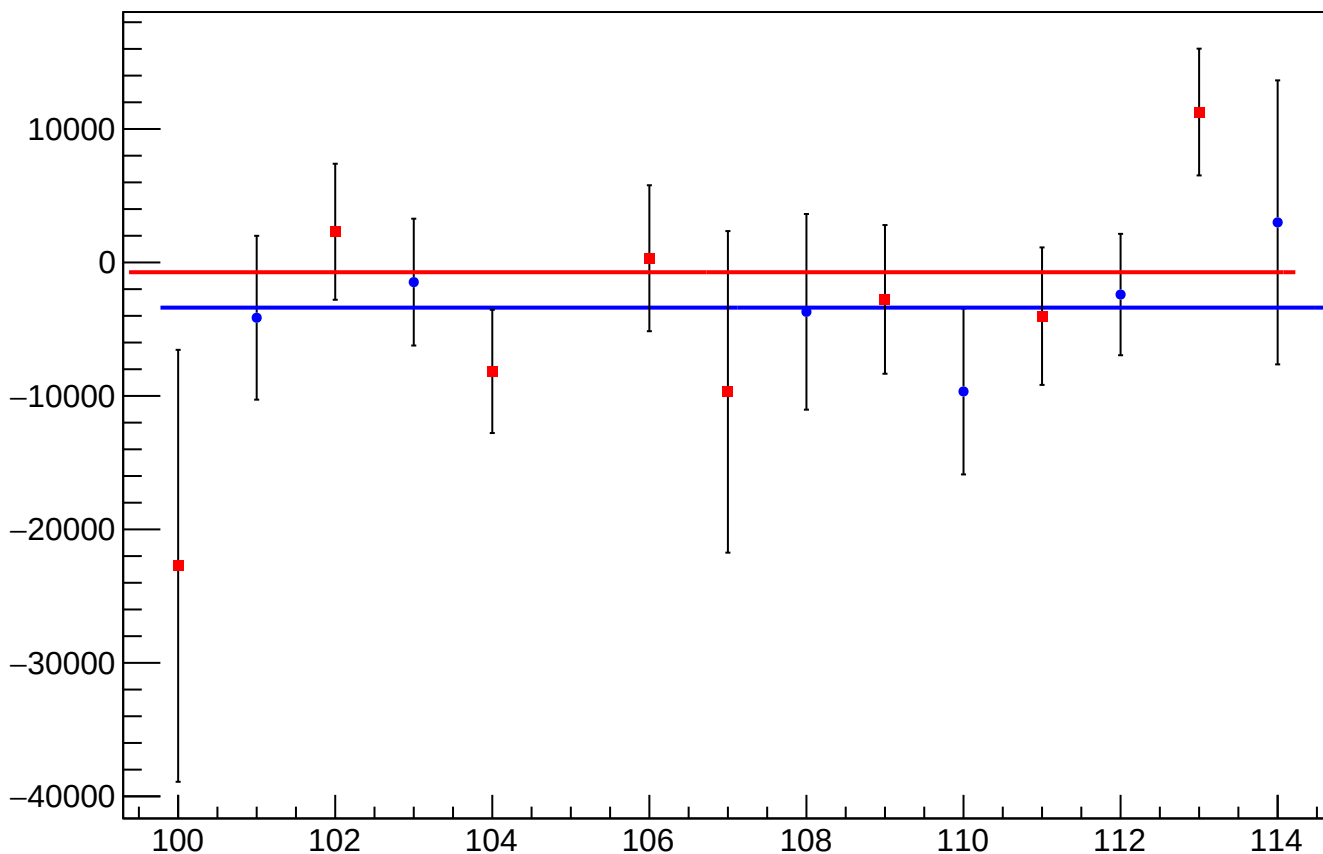
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.918+/-0.400 χ^2/NDF : 99581.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: -3384.188+/-2407.648 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -731.414+/-2025.062 χ^2/NDF : 12.3/7

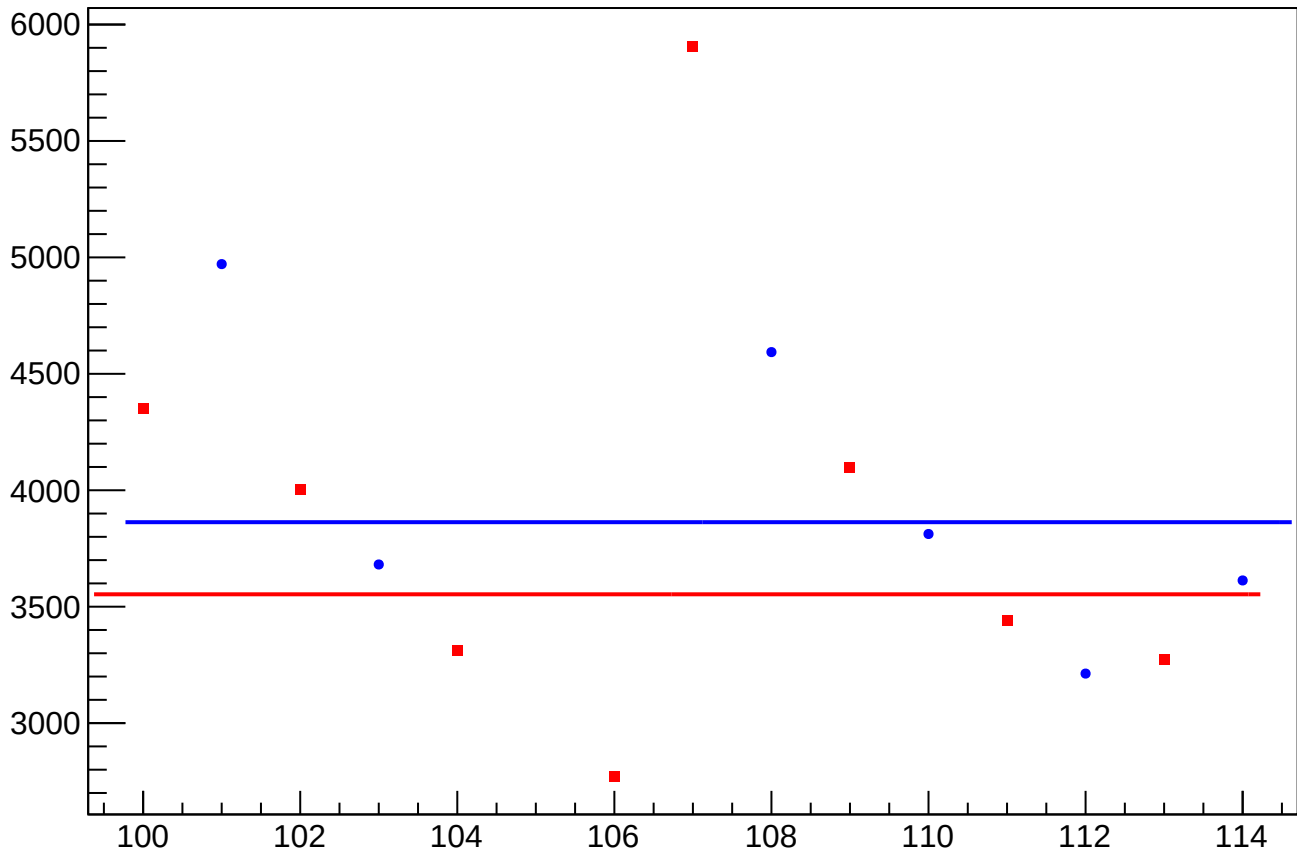
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1830.534+/-1549.763 χ^2/NDF : 14.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3862.898+/-1.702 χ^2/NDF : 130107.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3553.210+/-1.432 χ^2/NDF : 170536.2/7

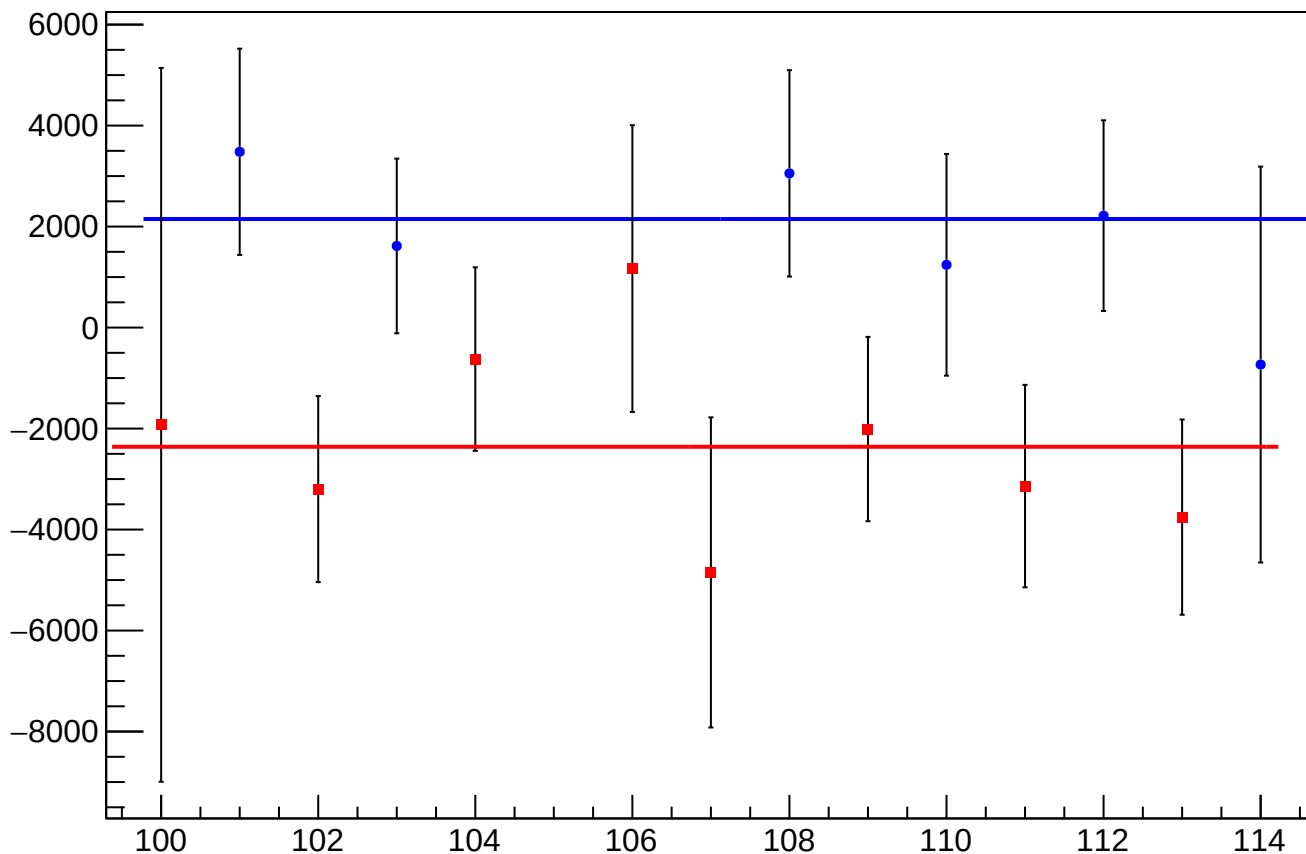
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3681.522+/-1.096 χ^2/NDF : 320023.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2149.903 $\pm$ 855.406 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2360.513 $\pm$ 775.219 χ^2 /NDF: 4.0/7

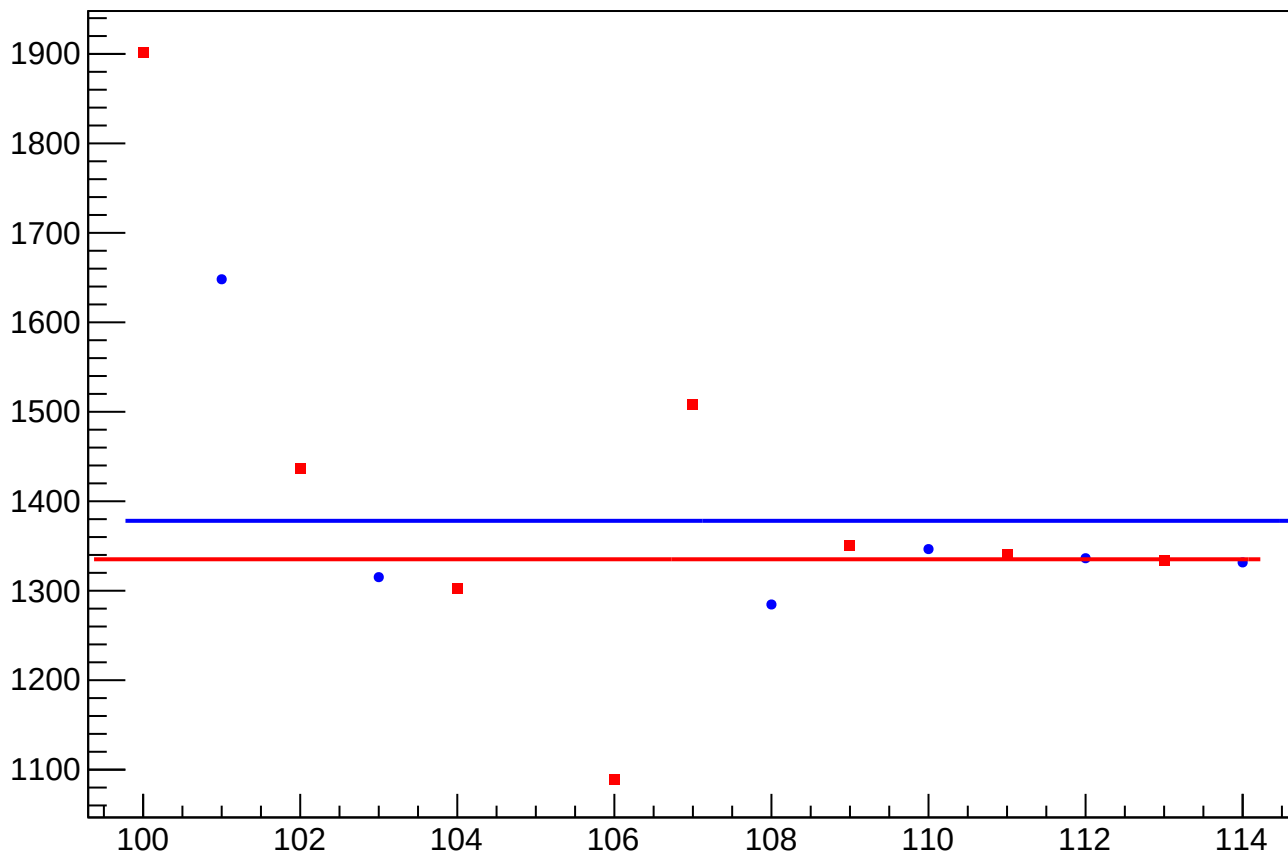
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -326.571 $\pm$ 574.425 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1378.139+/-0.605 χ^2/NDF : 43473.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.158+/-0.532 χ^2/NDF : 53263.2/7

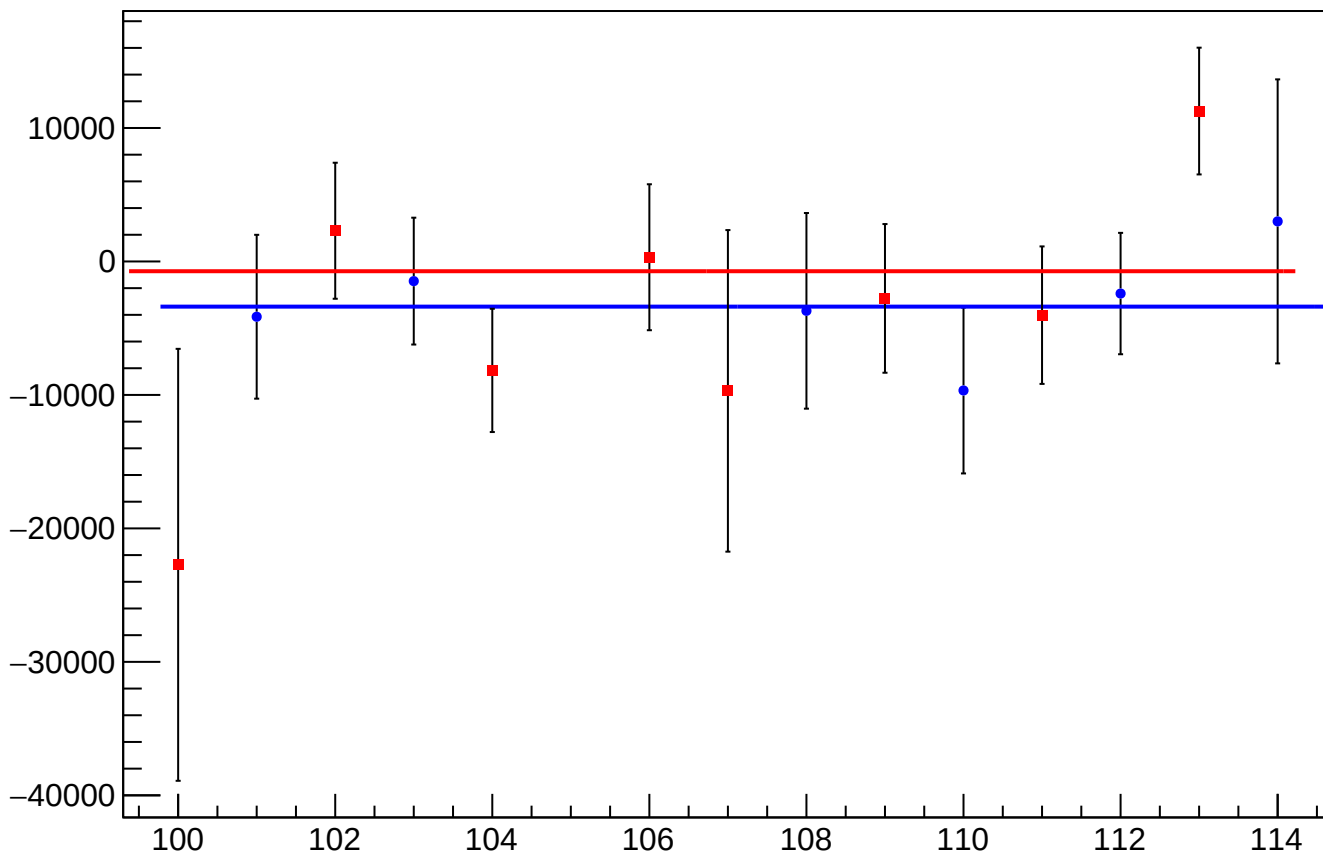
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.918+/-0.400 χ^2/NDF : 99581.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



Right In: -3384.188 $\pm$ 2407.648 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -731.414 $\pm$ 2025.062 χ^2 /NDF: 12.3/7

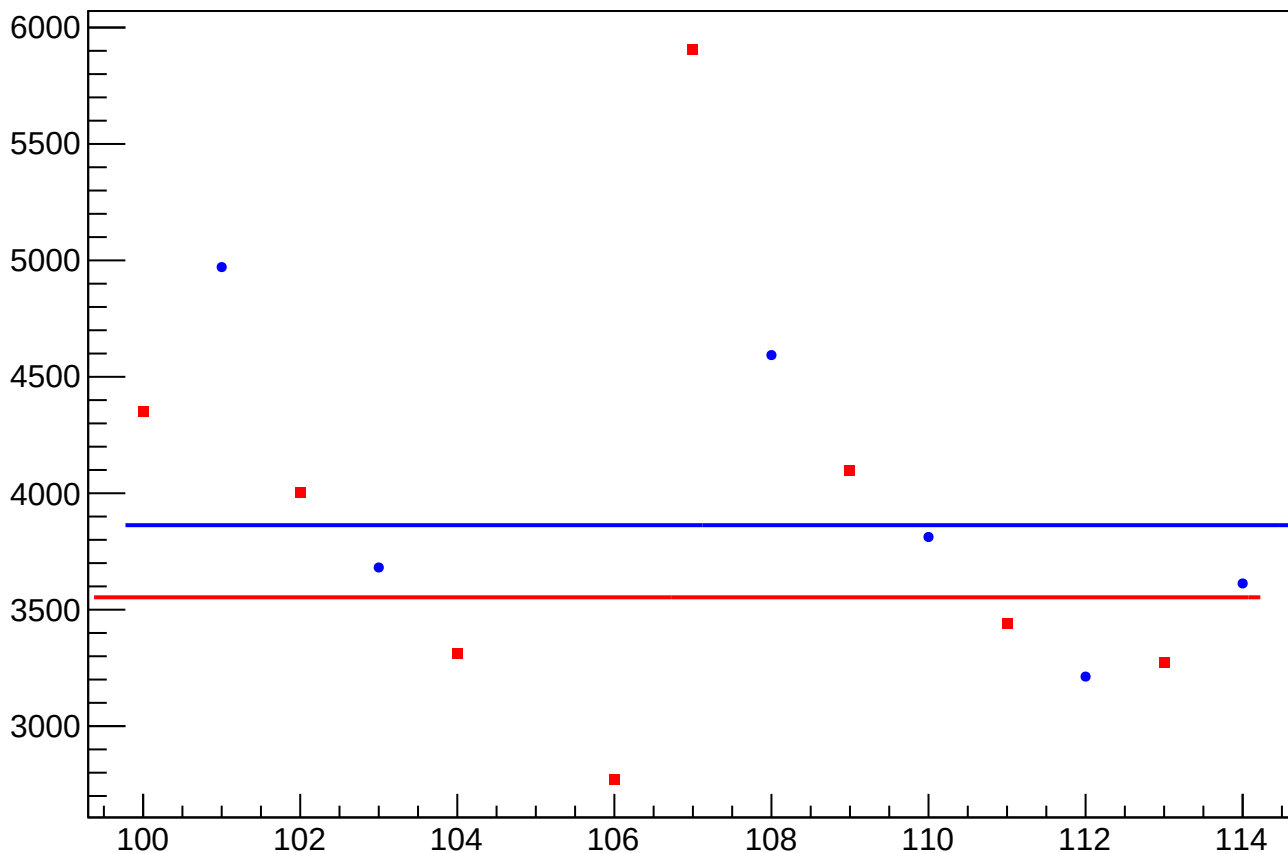
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1830.534 $\pm$ 1549.763 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 3862.898 $\pm$ 1.702 χ^2 /NDF: 130107.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3553.210 $\pm$ 1.432 χ^2 /NDF: 170536.2/7

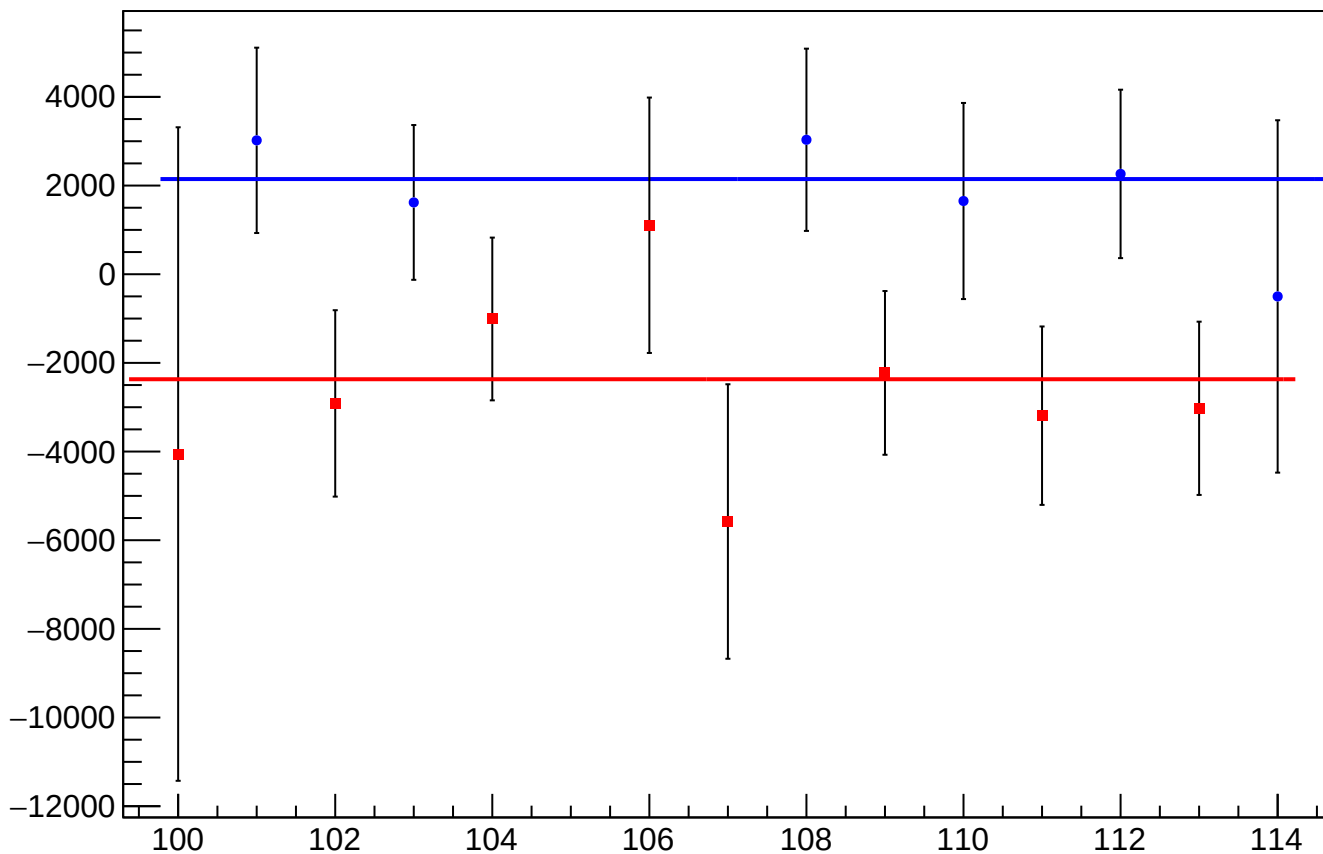
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3681.522 $\pm$ 1.096 χ^2 /NDF: 320023.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2146.726 $\pm$ 864.404 χ^2 /NDF: 0.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2368.870 $\pm$ 798.549 χ^2 /NDF: 3.5/7

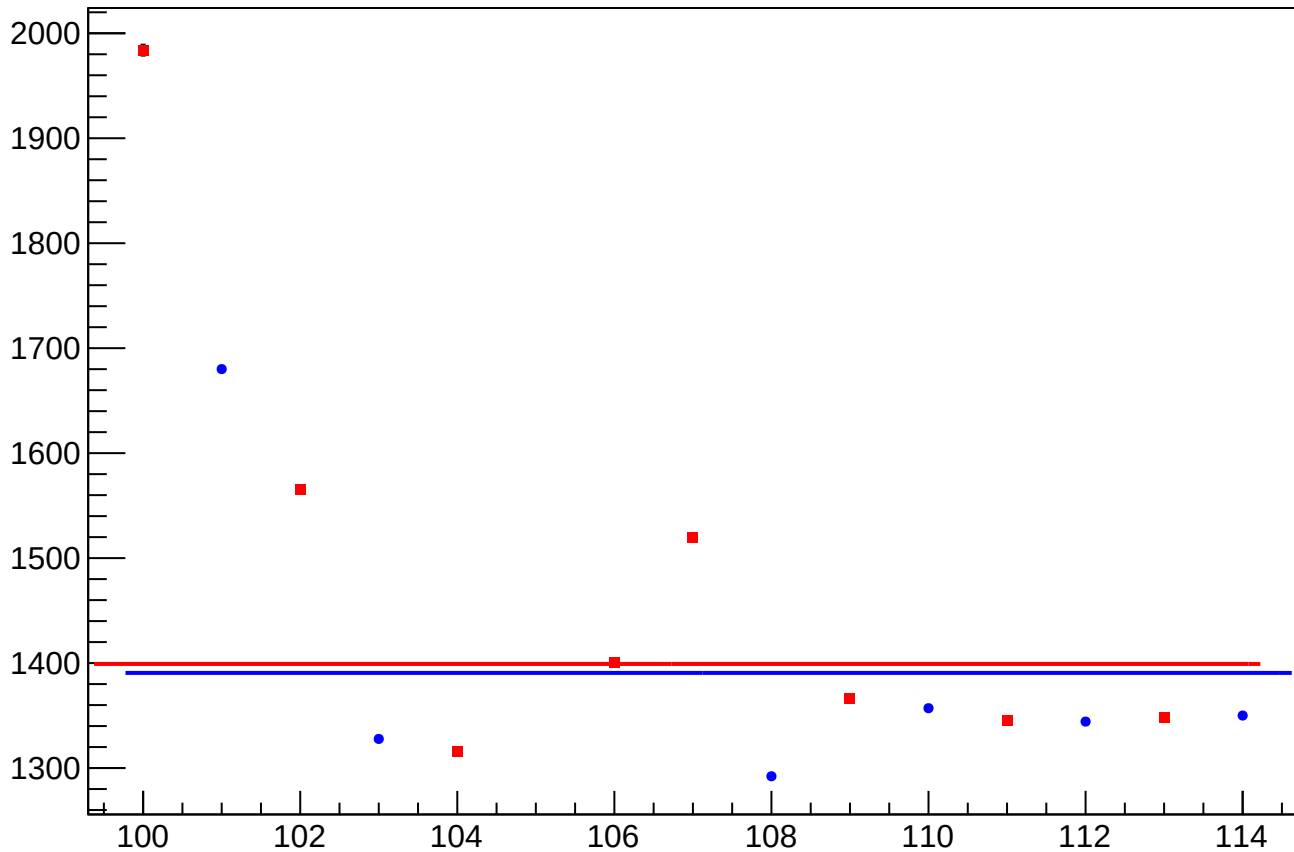
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -289.617 $\pm$ 586.561 χ^2 /NDF: 19.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1390.641 $\pm$ 0.611 χ^2 /NDF: 47390.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1399.176 $\pm$ 0.561 χ^2 /NDF: 35679.3/7

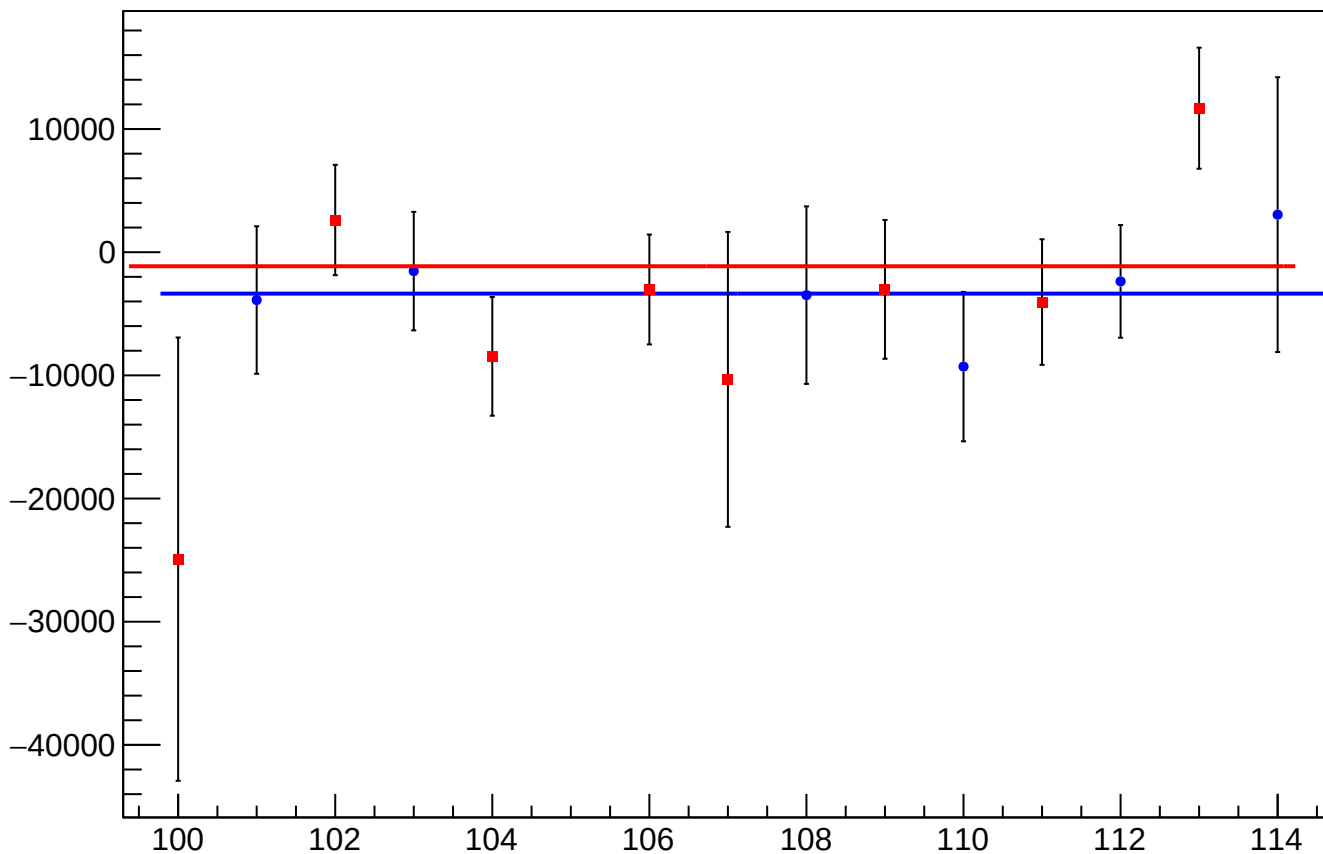
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1395.272 $\pm$ 0.413 χ^2 /NDF: 83175.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: -3362.588+/-2401.530 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1140.092+/-1943.619 χ^2/NDF : 12.8/7

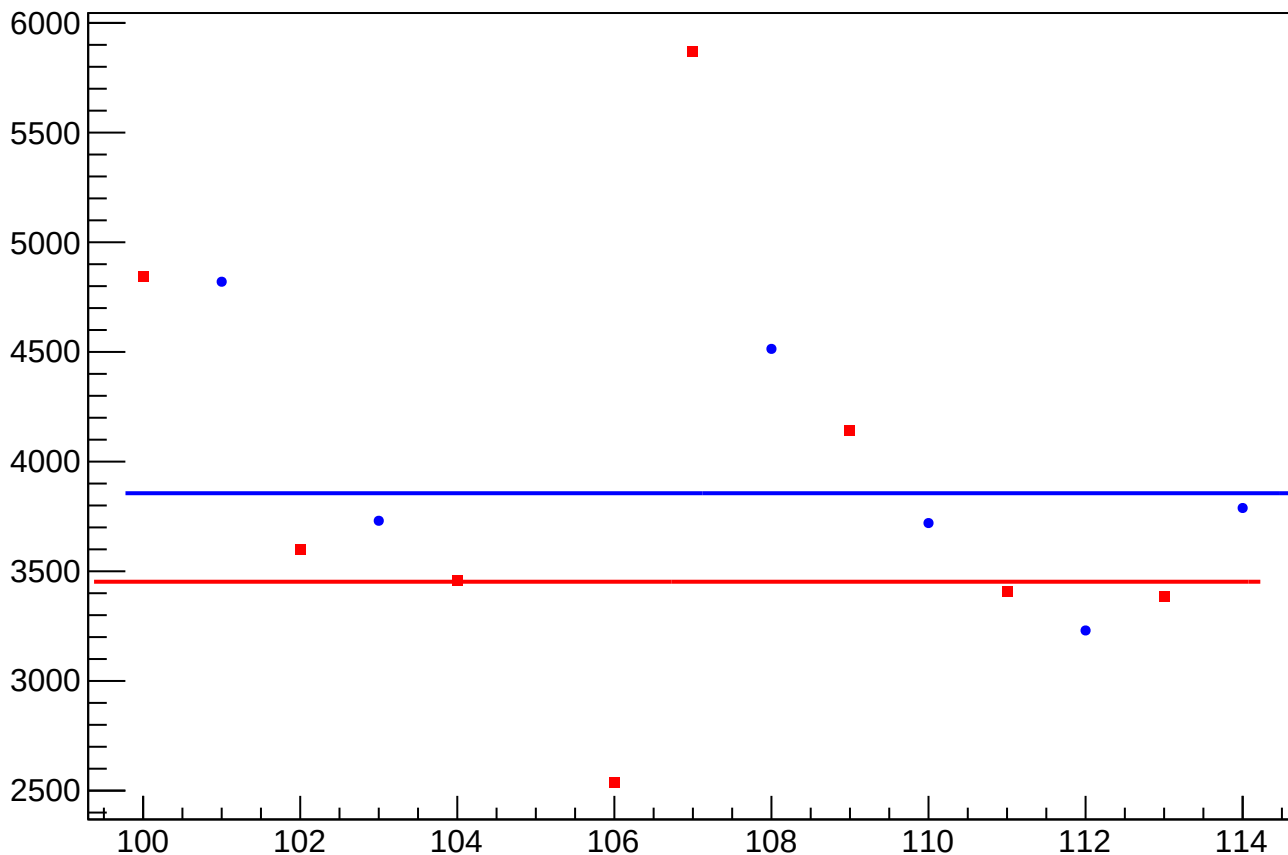
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2019.696+/-1510.815 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3855.890+/-1.698 χ^2/NDF : 108421.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3452.385+/-1.374 χ^2/NDF : 210169.6/7

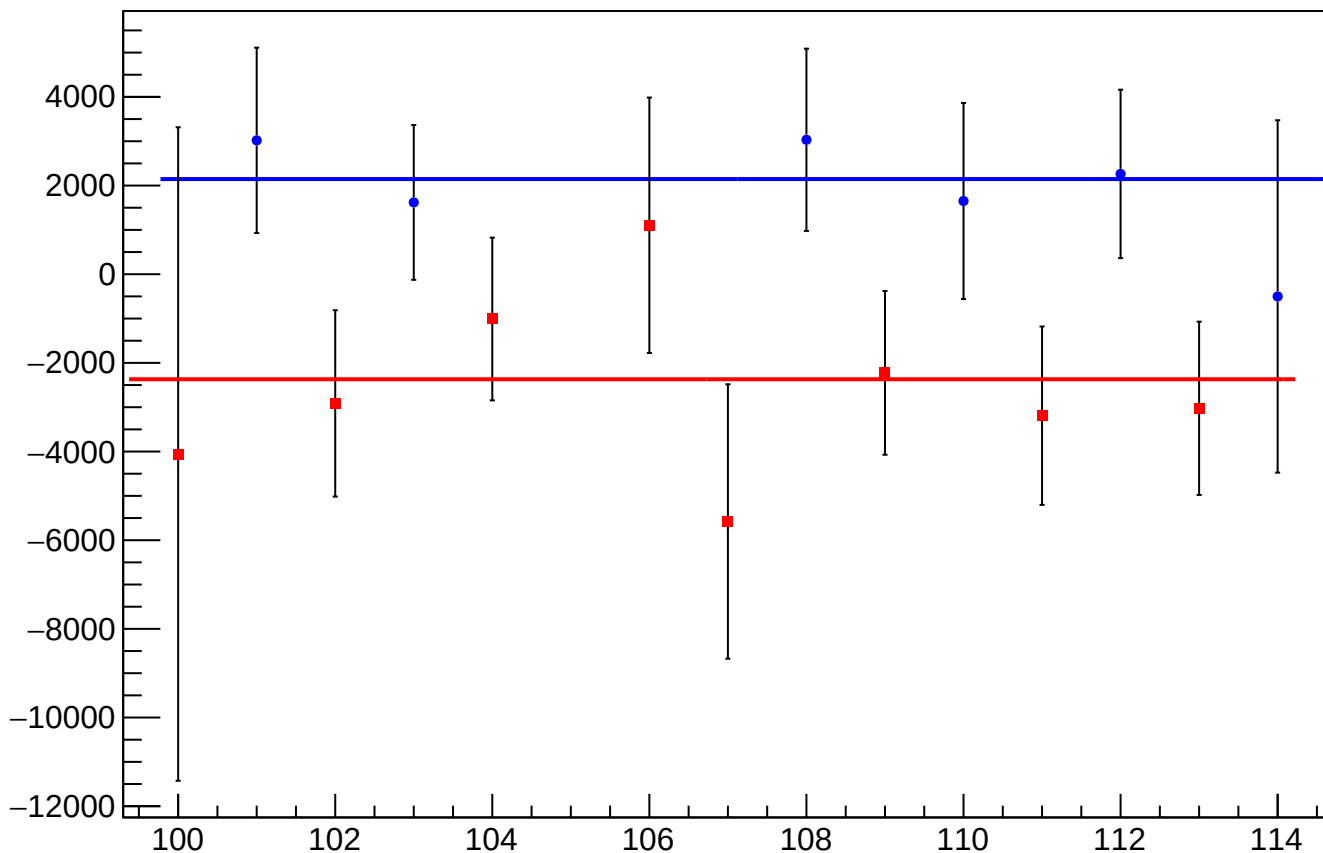
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3612.081+/-1.068 χ^2/NDF : 352707.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2146.734 $\pm$ 864.404 χ^2 /NDF: 0.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2368.875 $\pm$ 798.548 χ^2 /NDF: 3.5/7

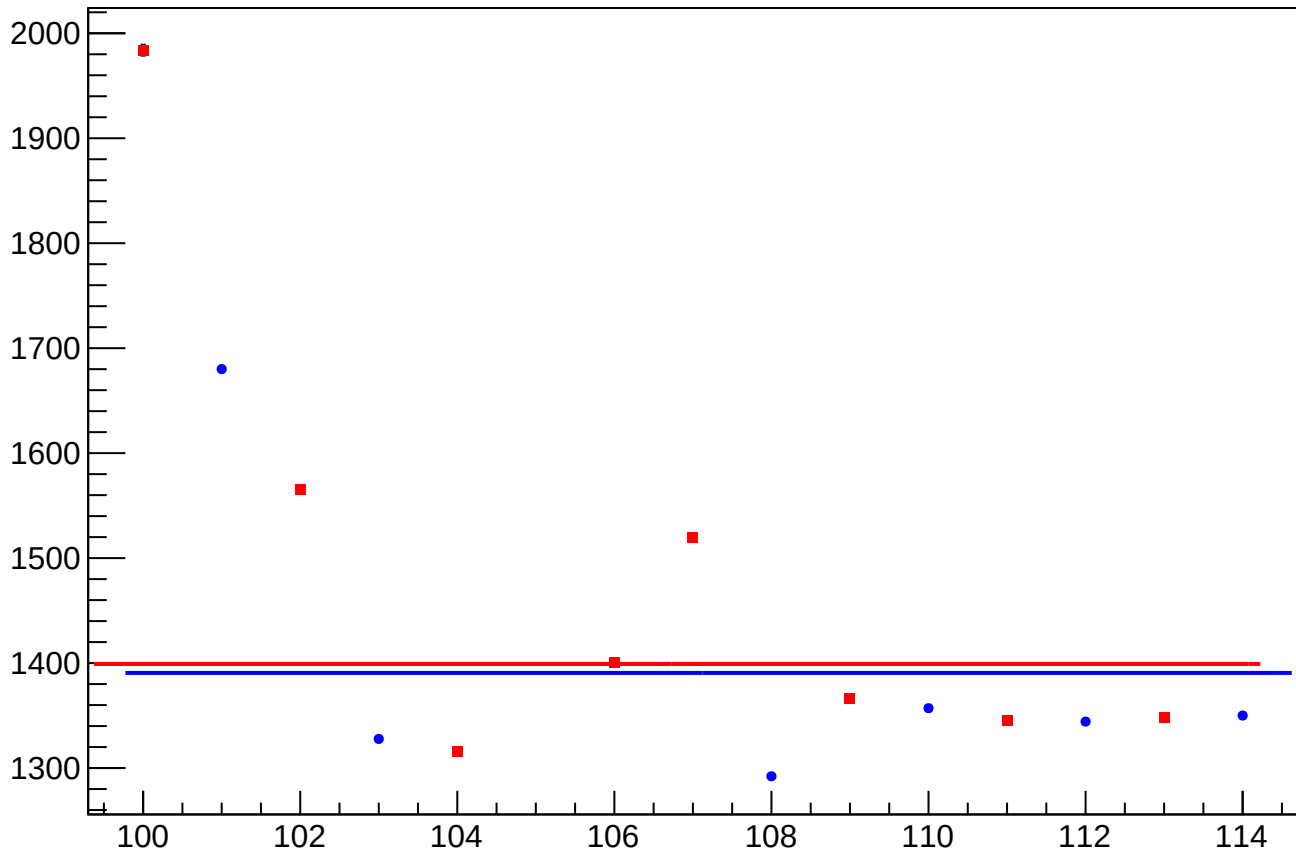
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -289.617 $\pm$ 586.561 χ^2 /NDF: 19.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1390.641 $\pm$ 0.611 χ^2 /NDF: 47389.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1399.176 $\pm$ 0.561 χ^2 /NDF: 35679.3/7

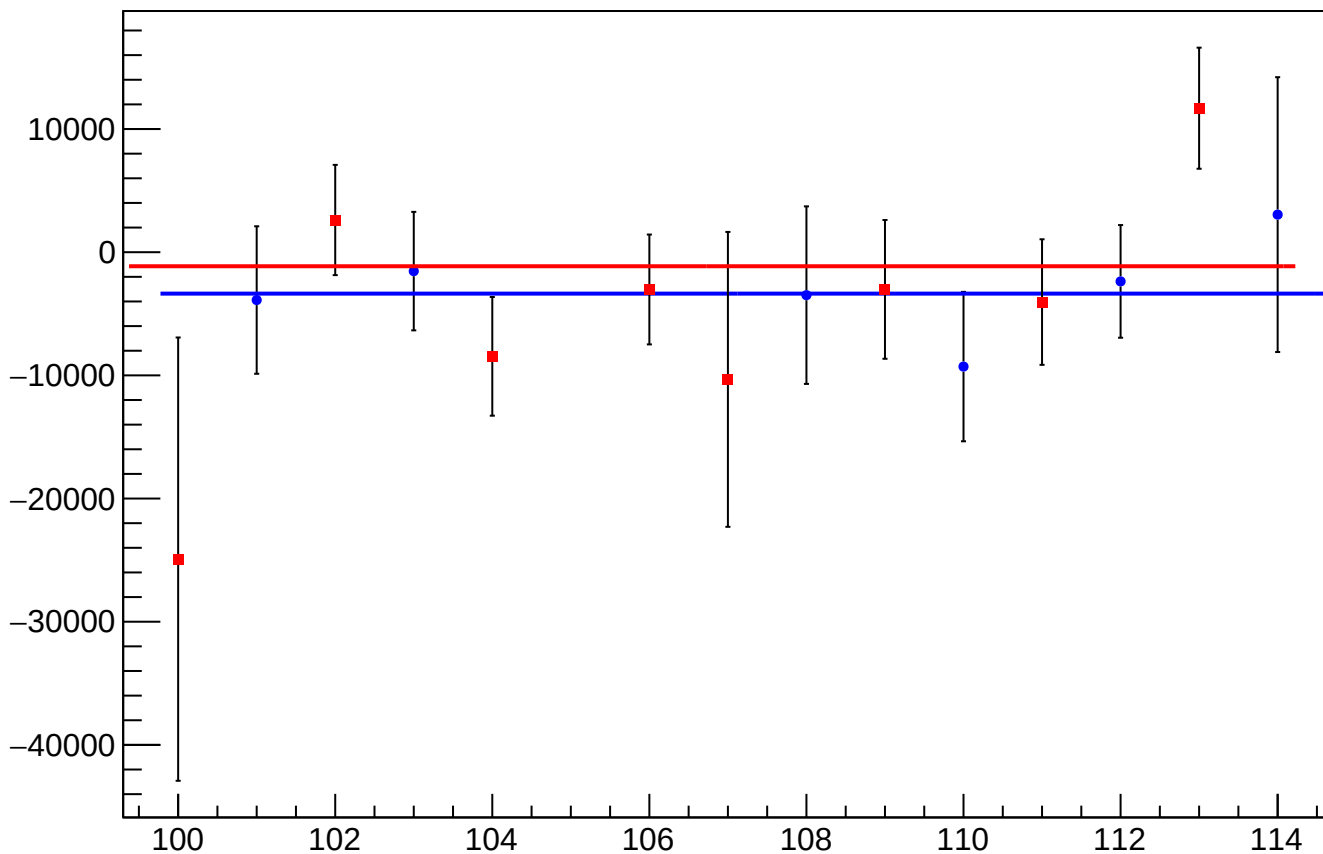
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1395.272 $\pm$ 0.413 χ^2 /NDF: 83174.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



Right In: -3362.582+/-2401.525 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1140.093+/-1943.615 χ^2/NDF : 12.8/7

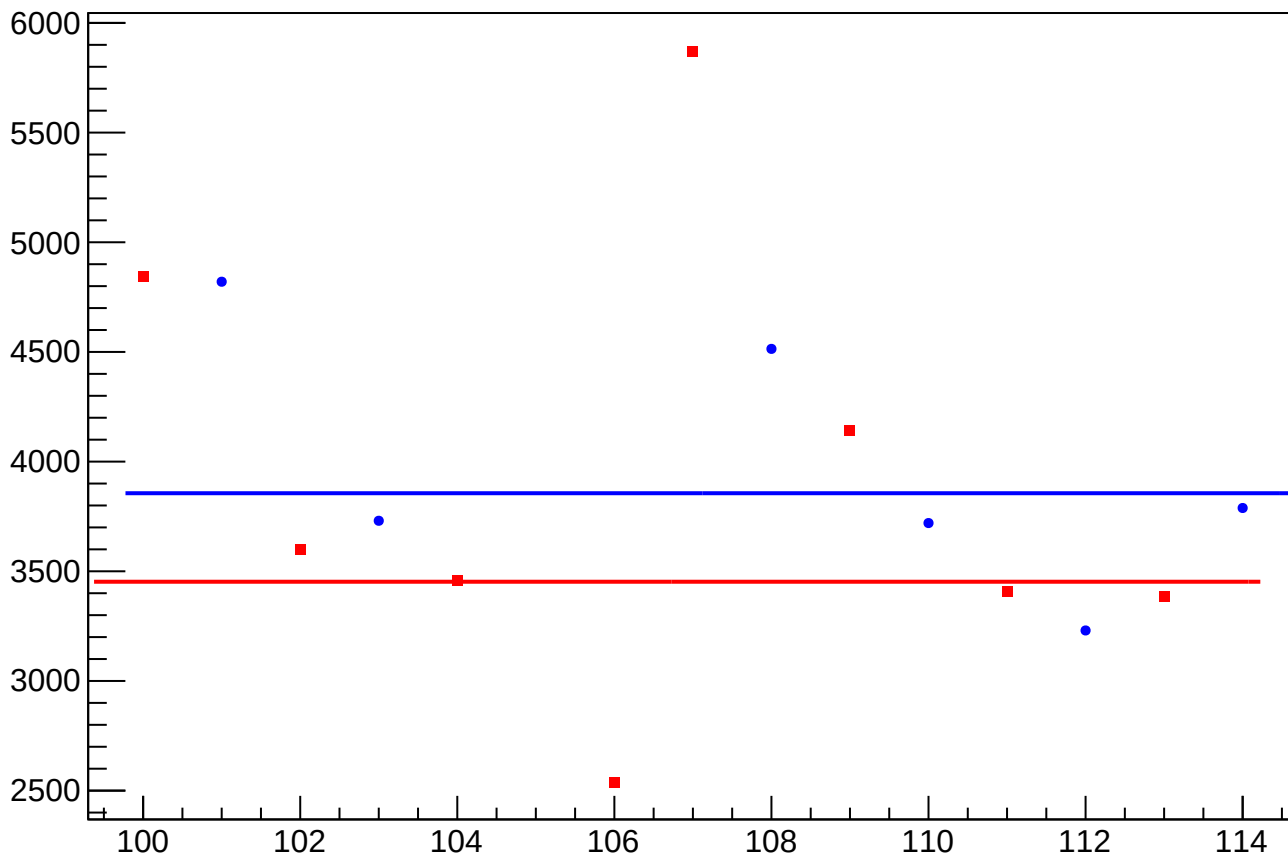
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2019.694+/-1510.812 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 3855.882 $\pm$ 1.698 χ^2 /NDF: 108422.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3452.378 $\pm$ 1.374 χ^2 /NDF: 210169.6/7

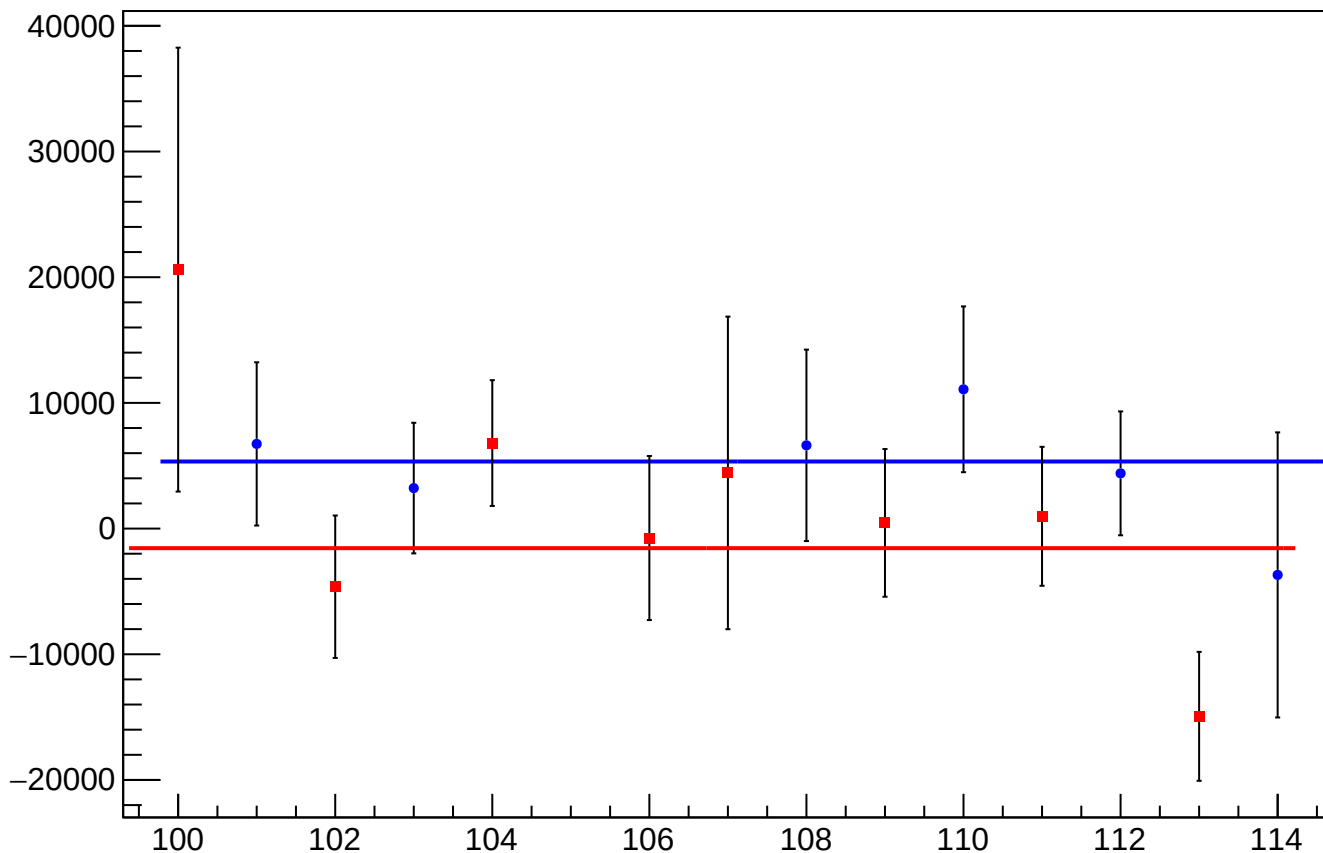
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3612.074 $\pm$ 1.068 χ^2 /NDF: 352707.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 5337.338 $\pm$ 2582.471 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1558.794 $\pm$ 2214.394 χ^2 /NDF: 12.0/7

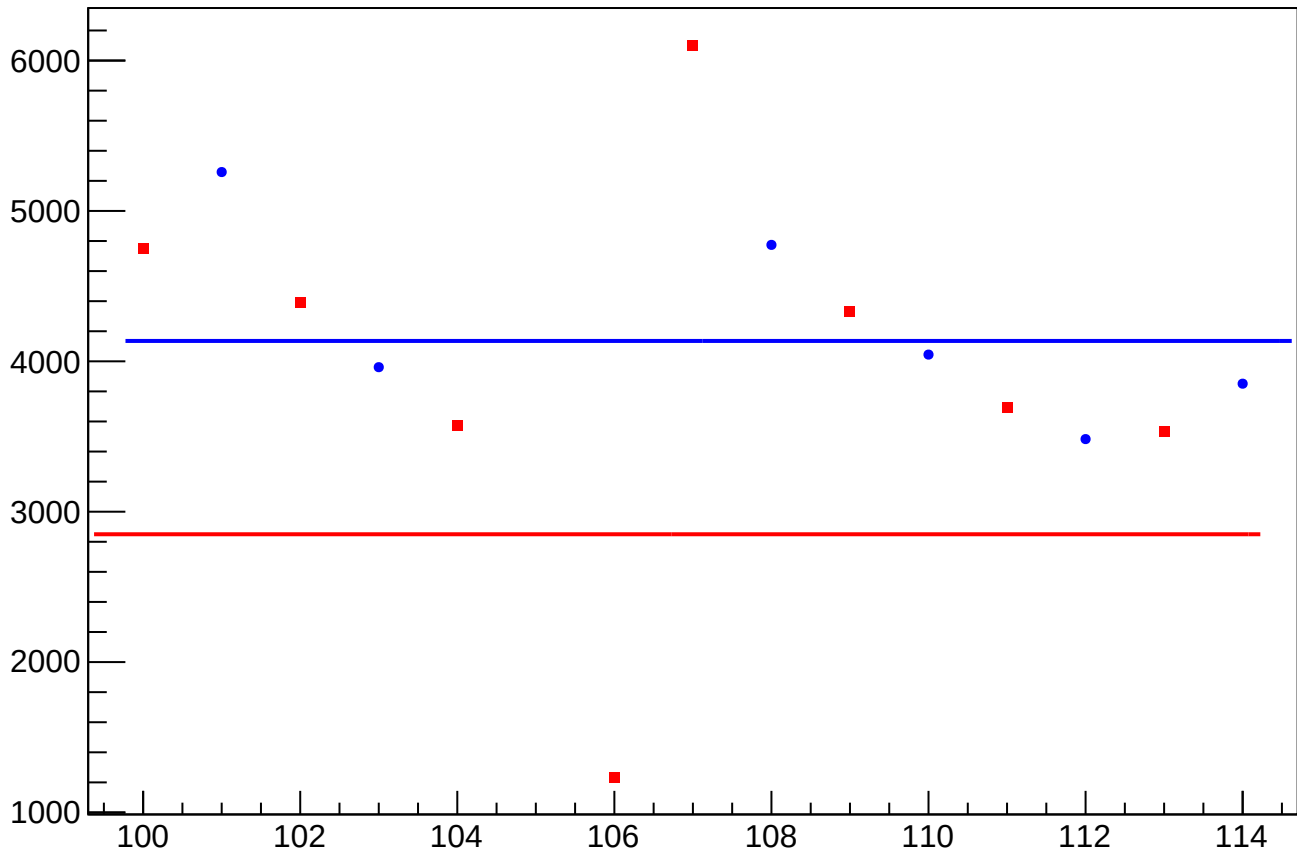
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1363.210 $\pm$ 1681.021 χ^2 /NDF: 17.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_rms vs Slug



Right In: 4135.513+/-1.826 χ^2/NDF : 112851.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

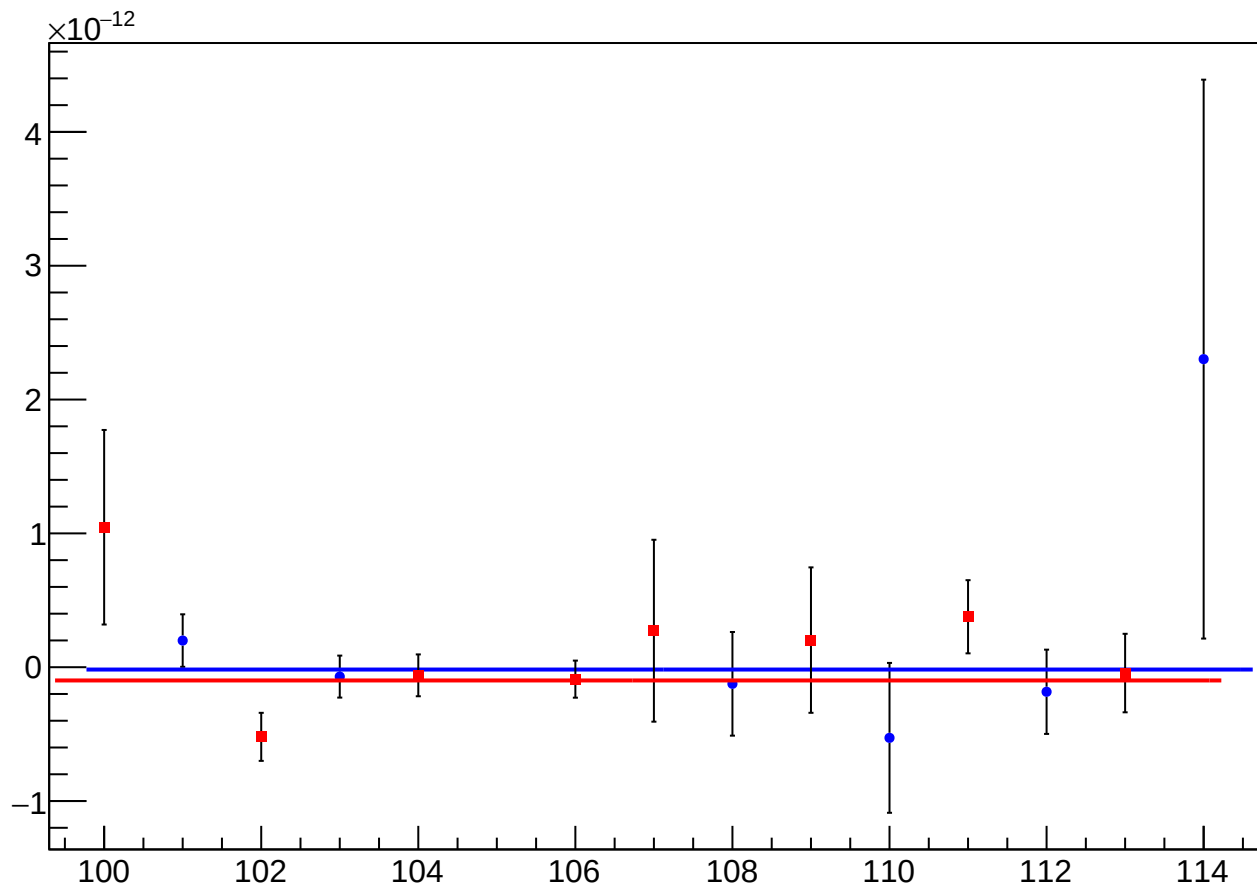
Right Out: 2850.017+/-1.282 χ^2/NDF : 1206360.4/7

All: 3274.280+/-1.049 χ^2/NDF : 1651226.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/7

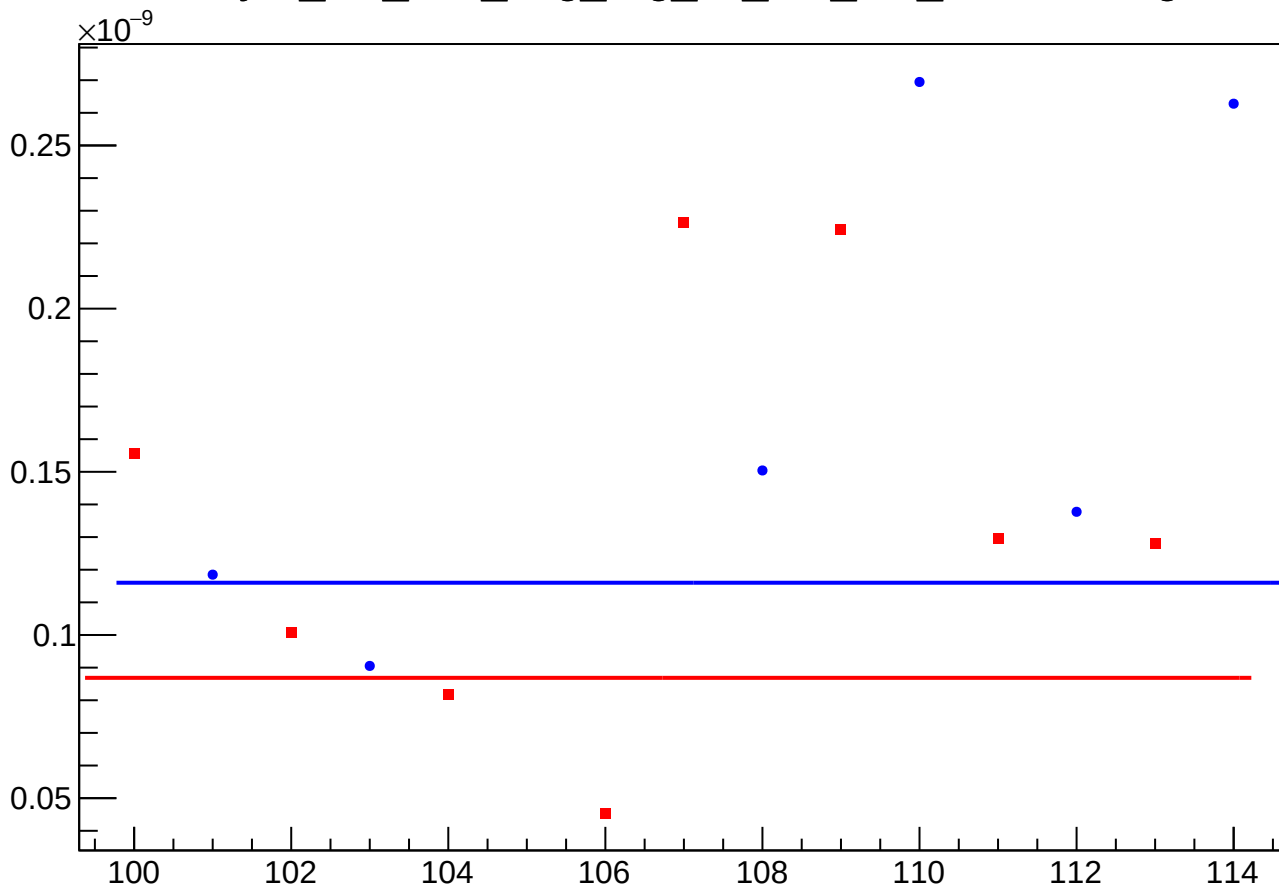
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 238484.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 512377.6/7

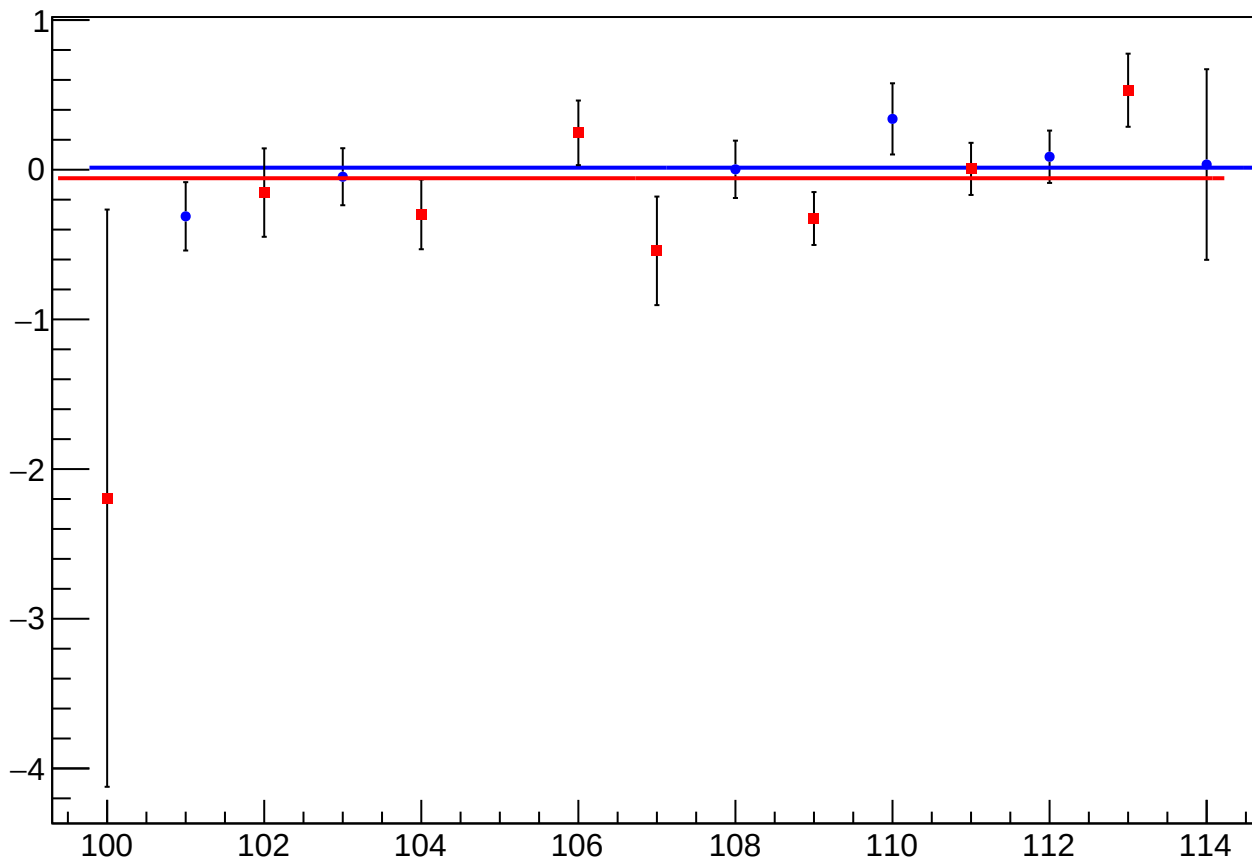
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 845696.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.089 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.084 χ^2 /NDF: 14.4/7

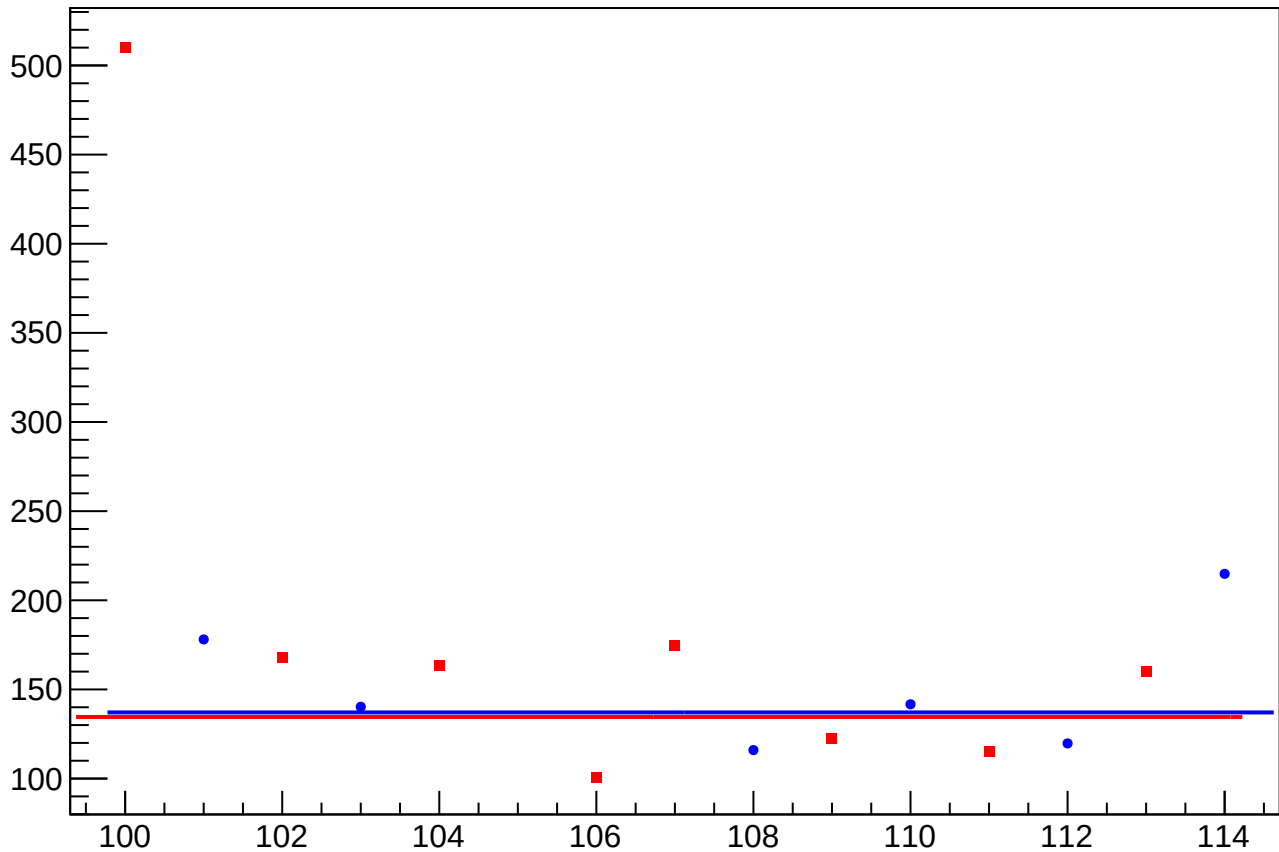
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.061 χ^2 /NDF: 18.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 137.101 $\pm$ 0.063 χ^2 /NDF: 139482.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.555 $\pm$ 0.060 χ^2 /NDF: 261477.0/7

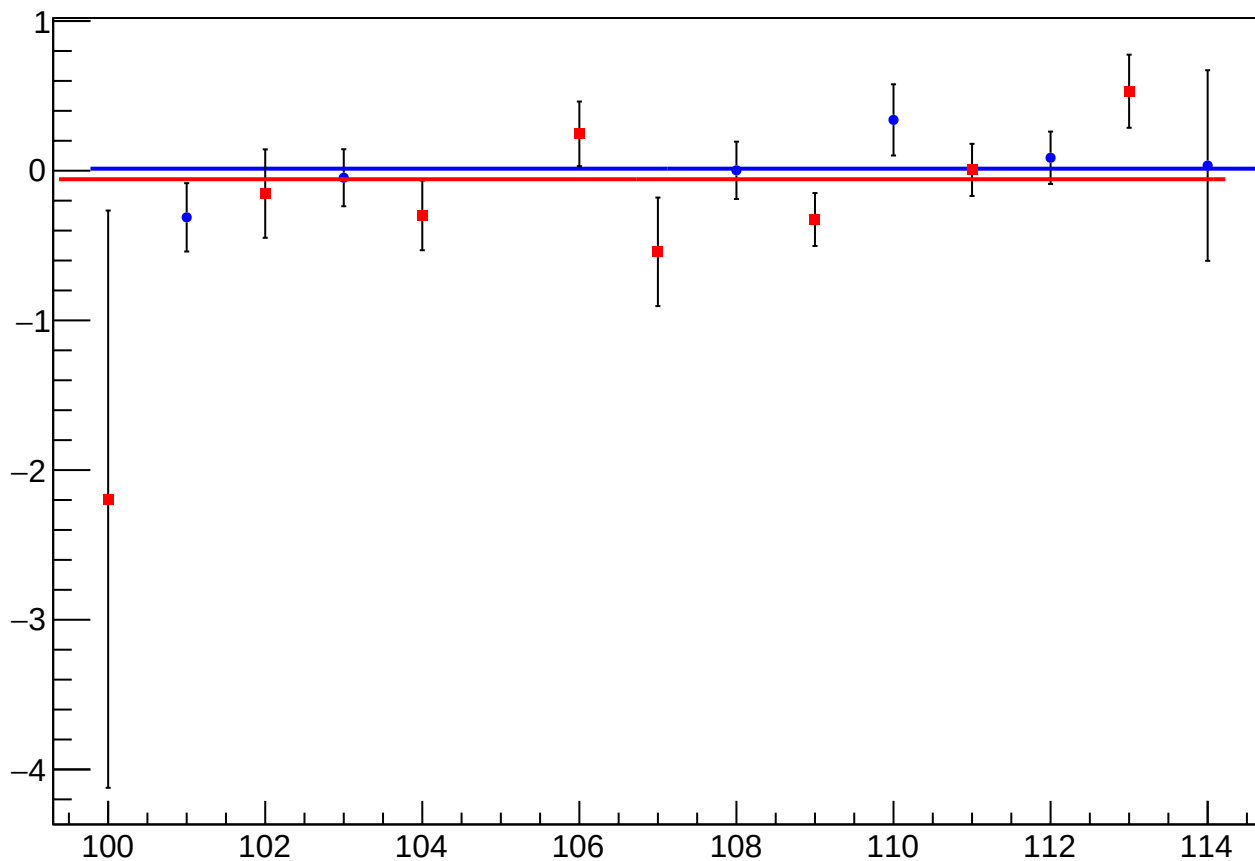
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.761 $\pm$ 0.043 χ^2 /NDF: 401825.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.089 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.084 χ^2 /NDF: 14.4/7

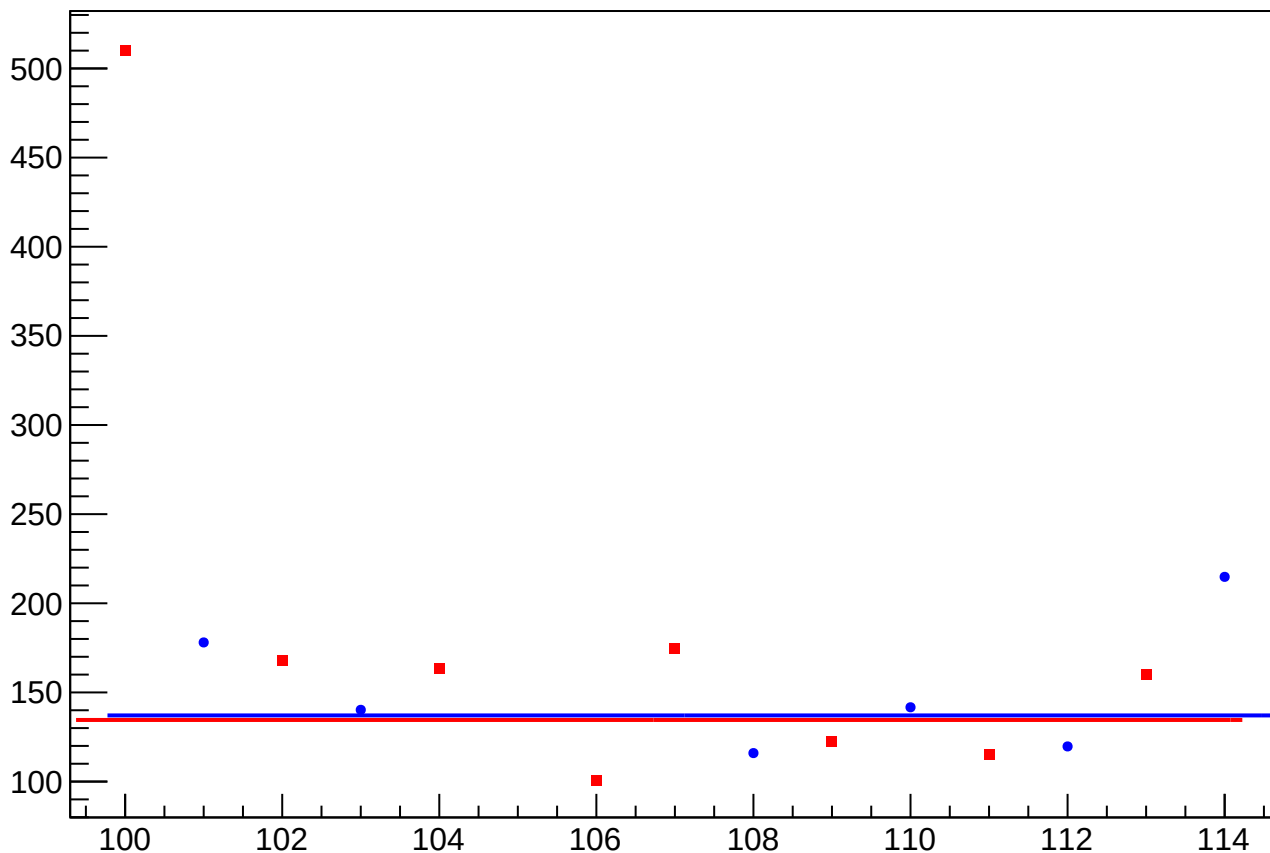
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.061 χ^2 /NDF: 18.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 137.101 $\pm$ 0.063 χ^2 /NDF: 139482.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.555 $\pm$ 0.060 χ^2 /NDF: 261477.0/7

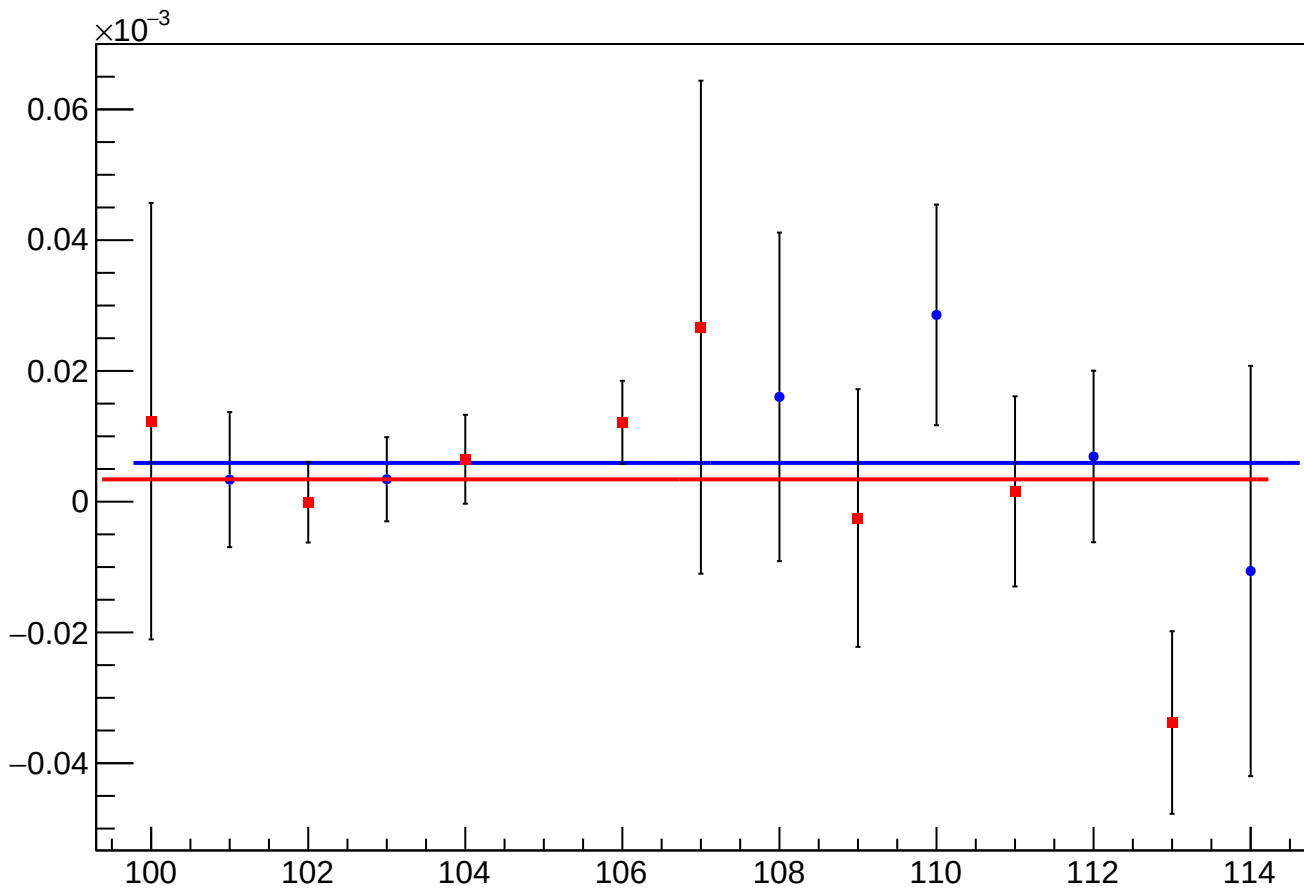
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.761 $\pm$ 0.043 χ^2 /NDF: 401825.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.1/7

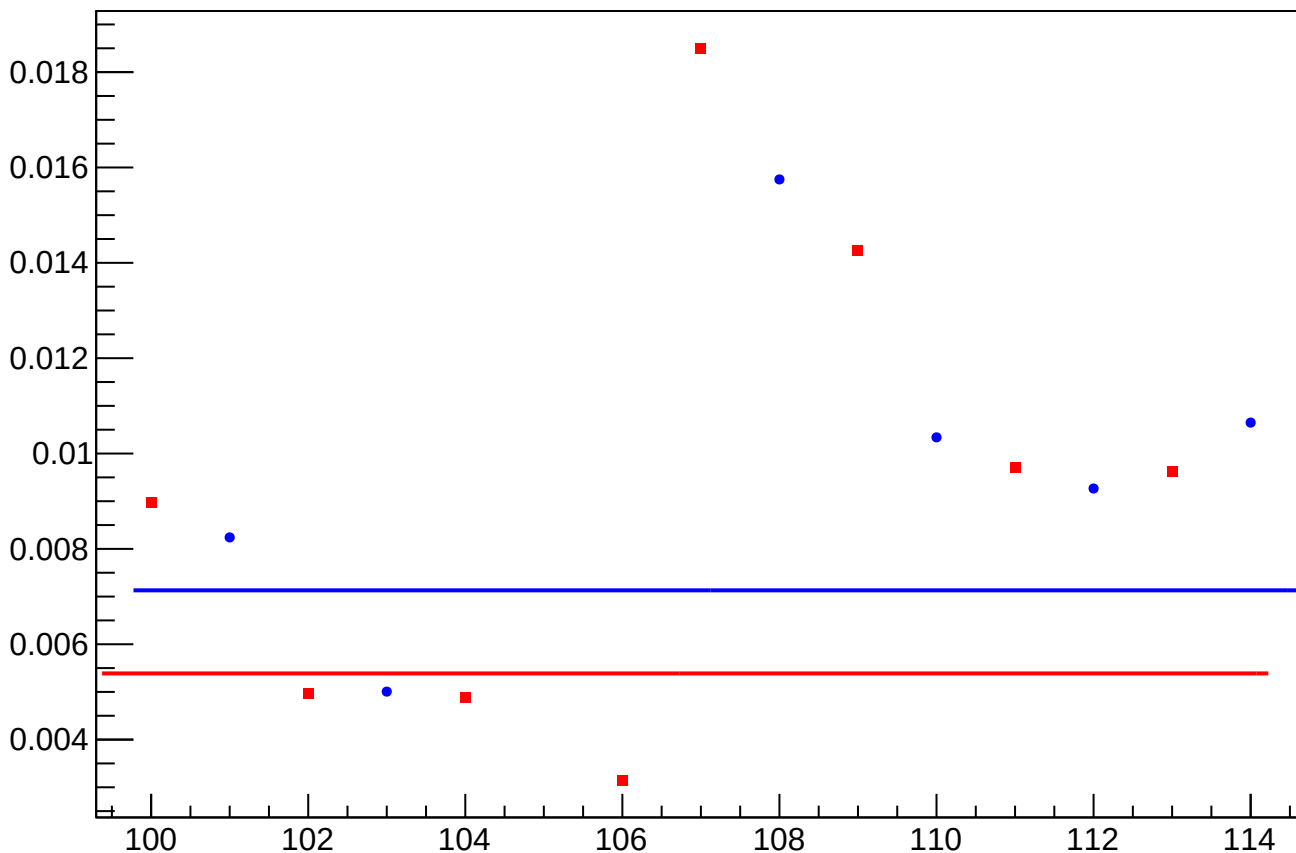
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 626664.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1300812.6/7

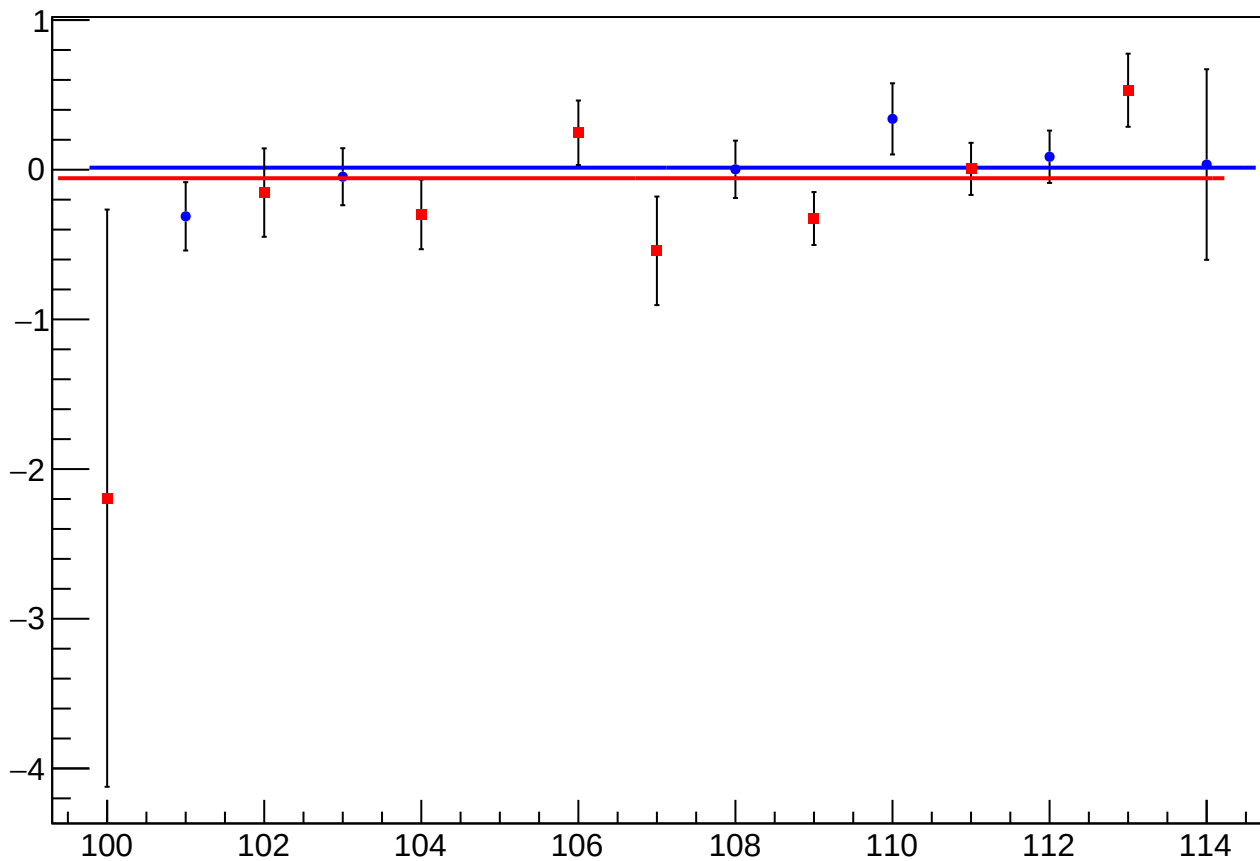
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2108567.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.089 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.084 χ^2 /NDF: 14.4/7

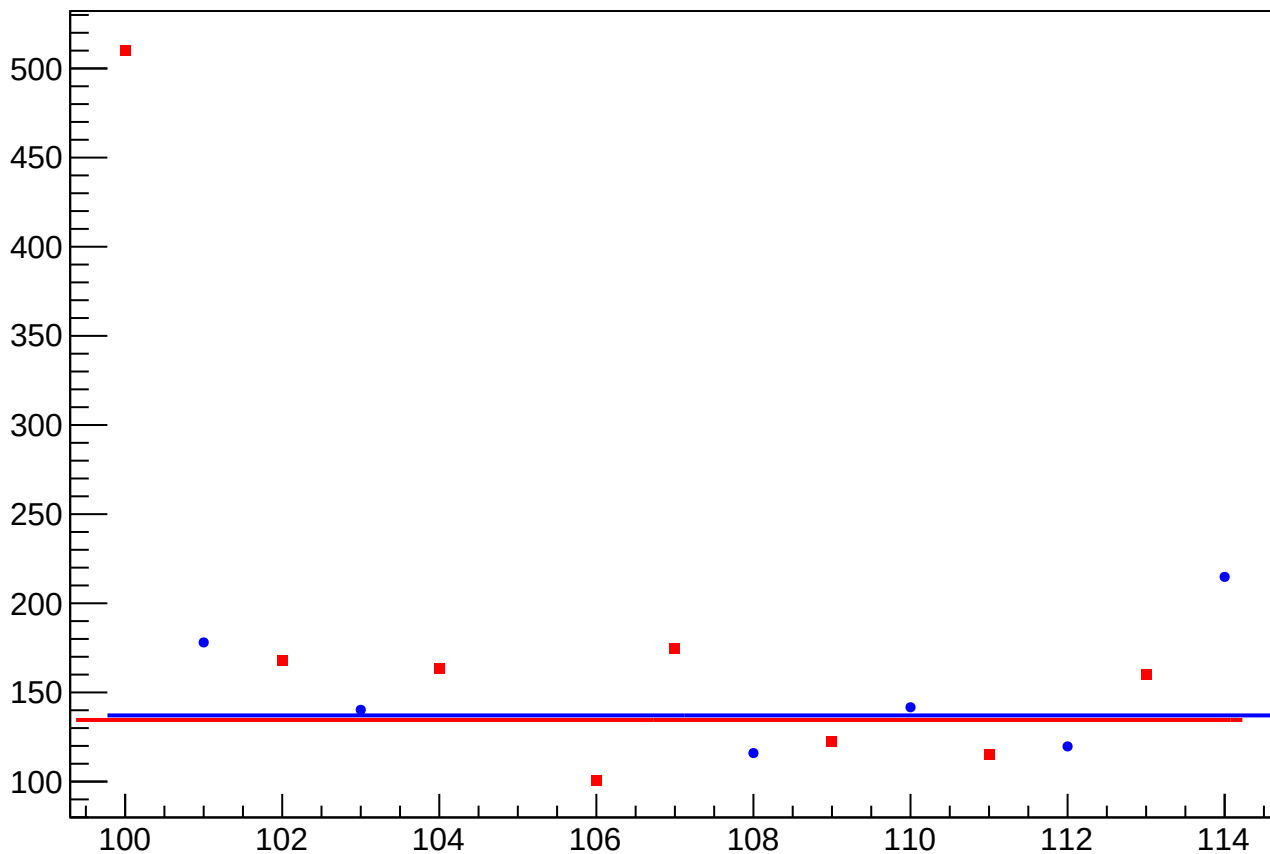
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.061 χ^2 /NDF: 18.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 137.106 $\pm$ 0.063 χ^2 /NDF: 139441.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.556 $\pm$ 0.060 χ^2 /NDF: 261462.7/7

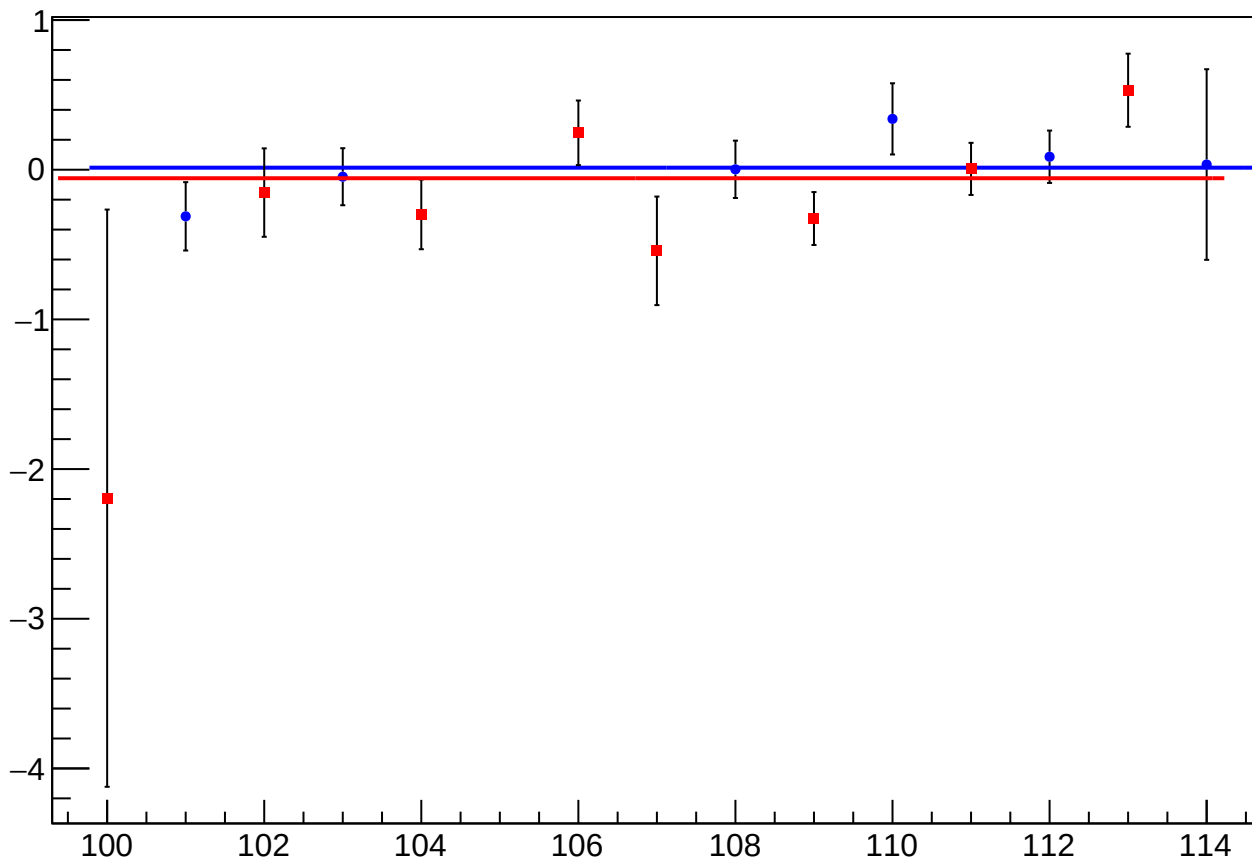
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.763 $\pm$ 0.043 χ^2 /NDF: 401771.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.089 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.084 χ^2 /NDF: 14.4/7

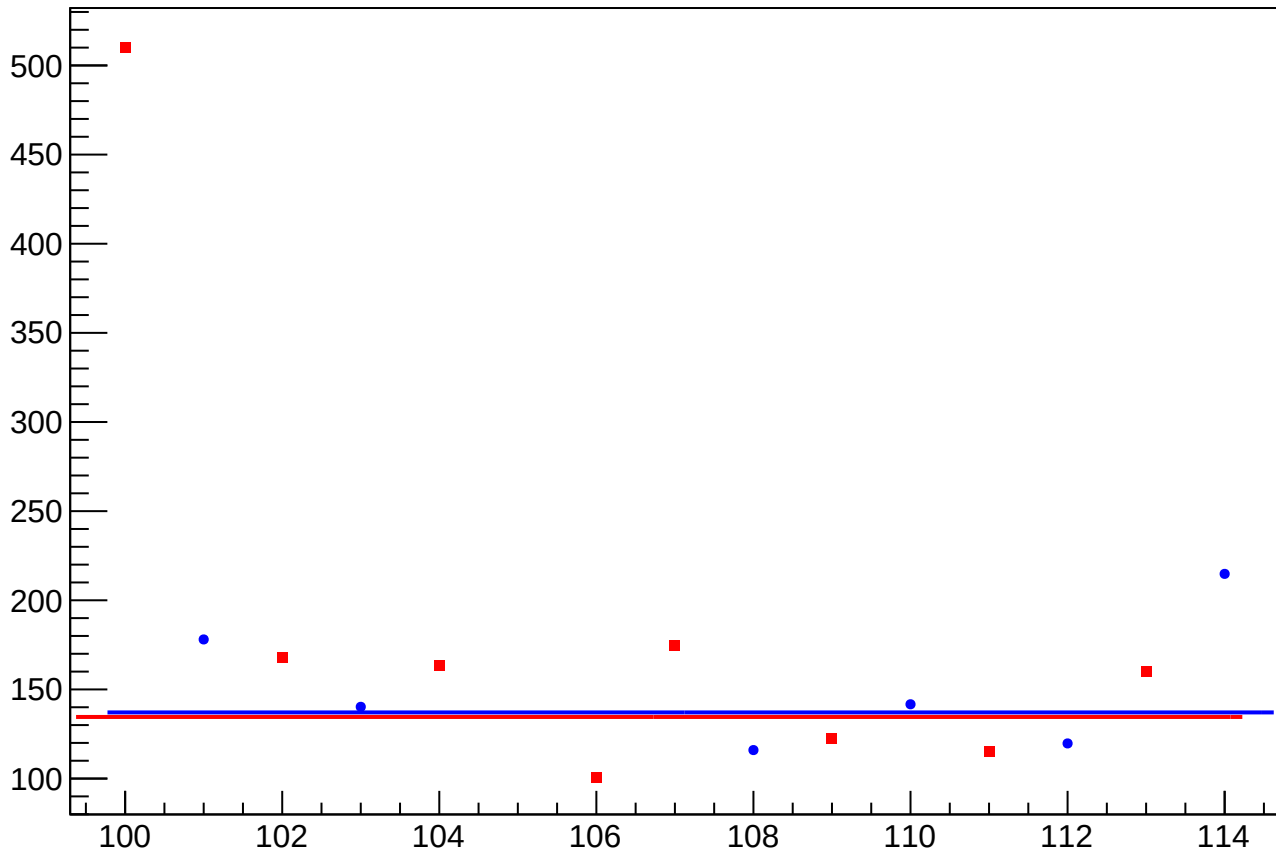
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.061 χ^2 /NDF: 18.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 137.106 $\pm$ 0.063 χ^2 /NDF: 139441.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.556 $\pm$ 0.060 χ^2 /NDF: 261462.7/7

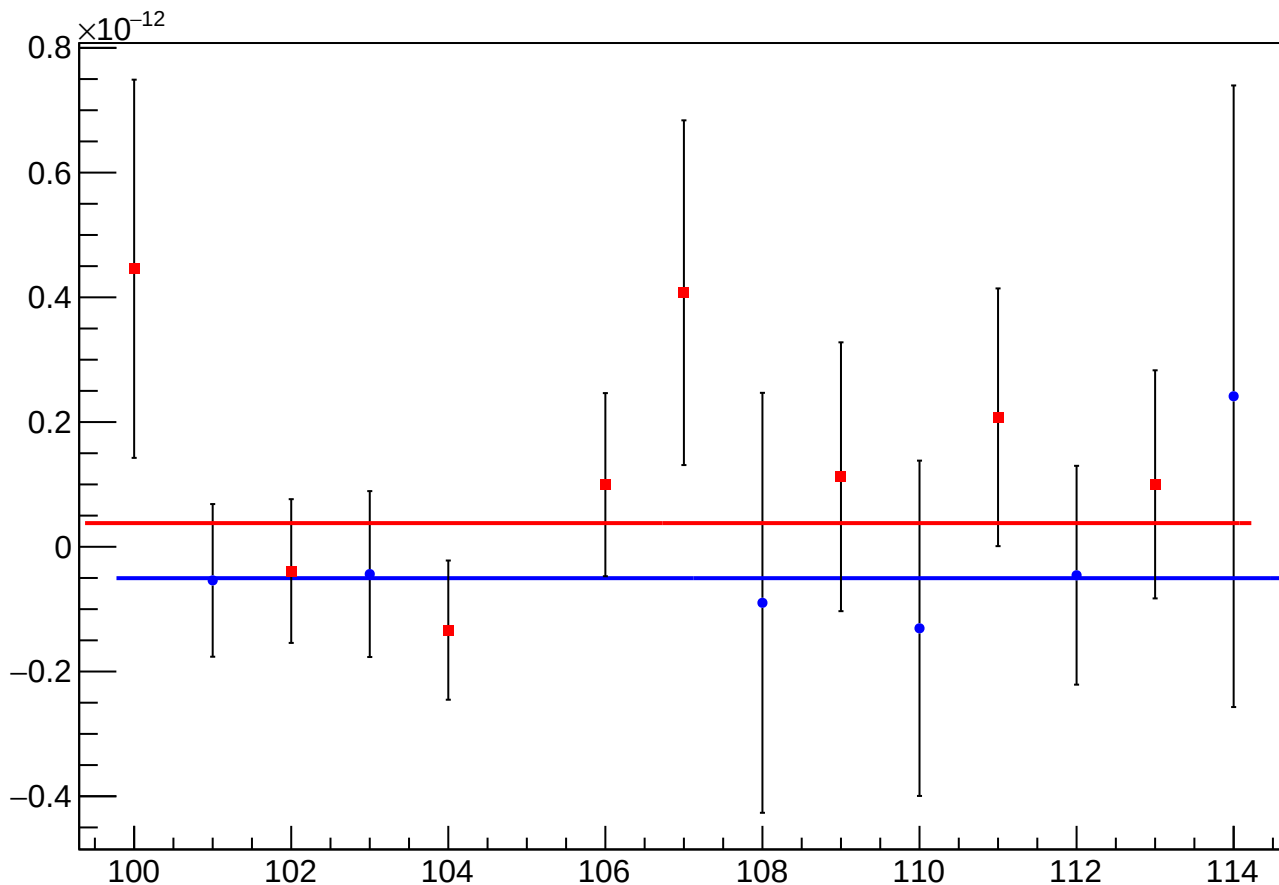
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.763 $\pm$ 0.043 χ^2 /NDF: 401771.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.5/7

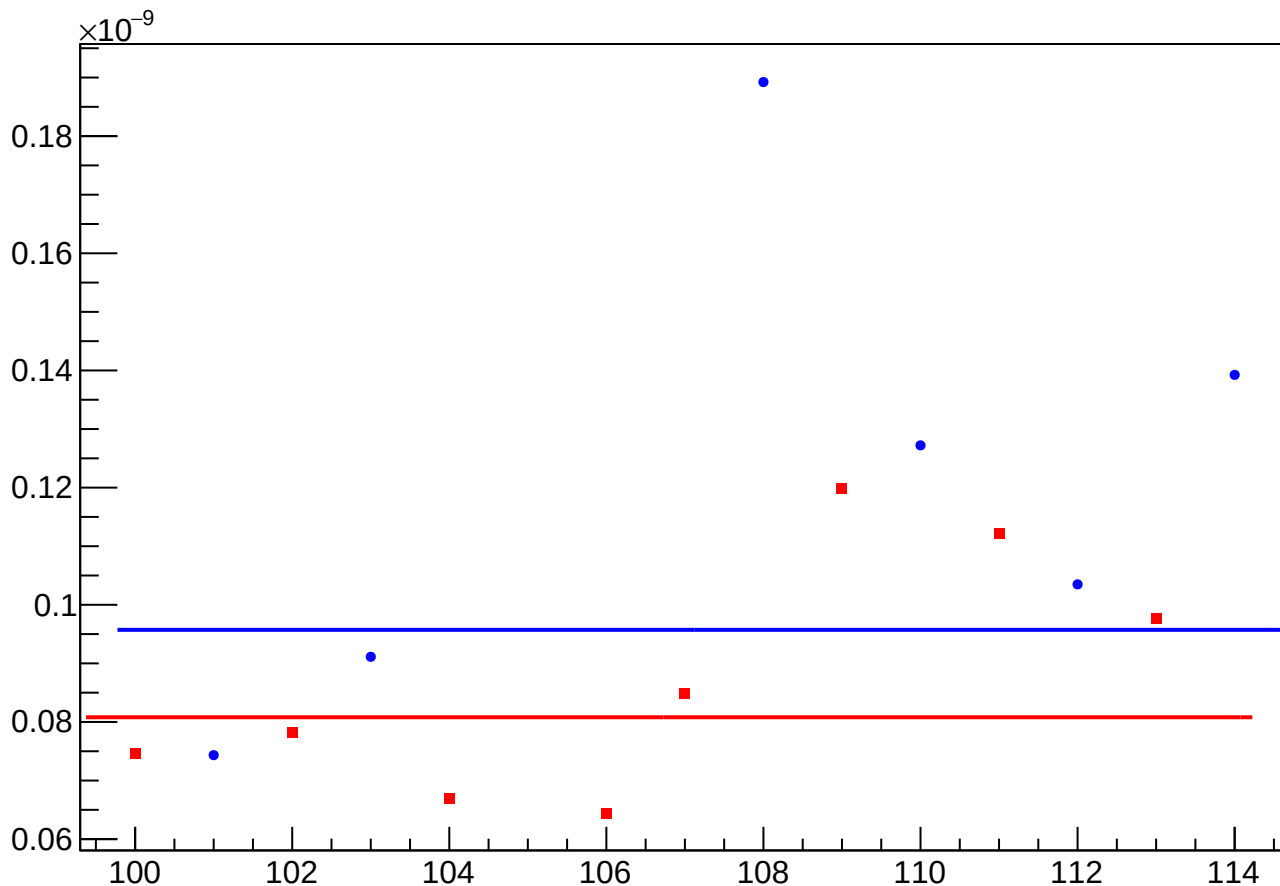
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 264306.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 186810.1/7

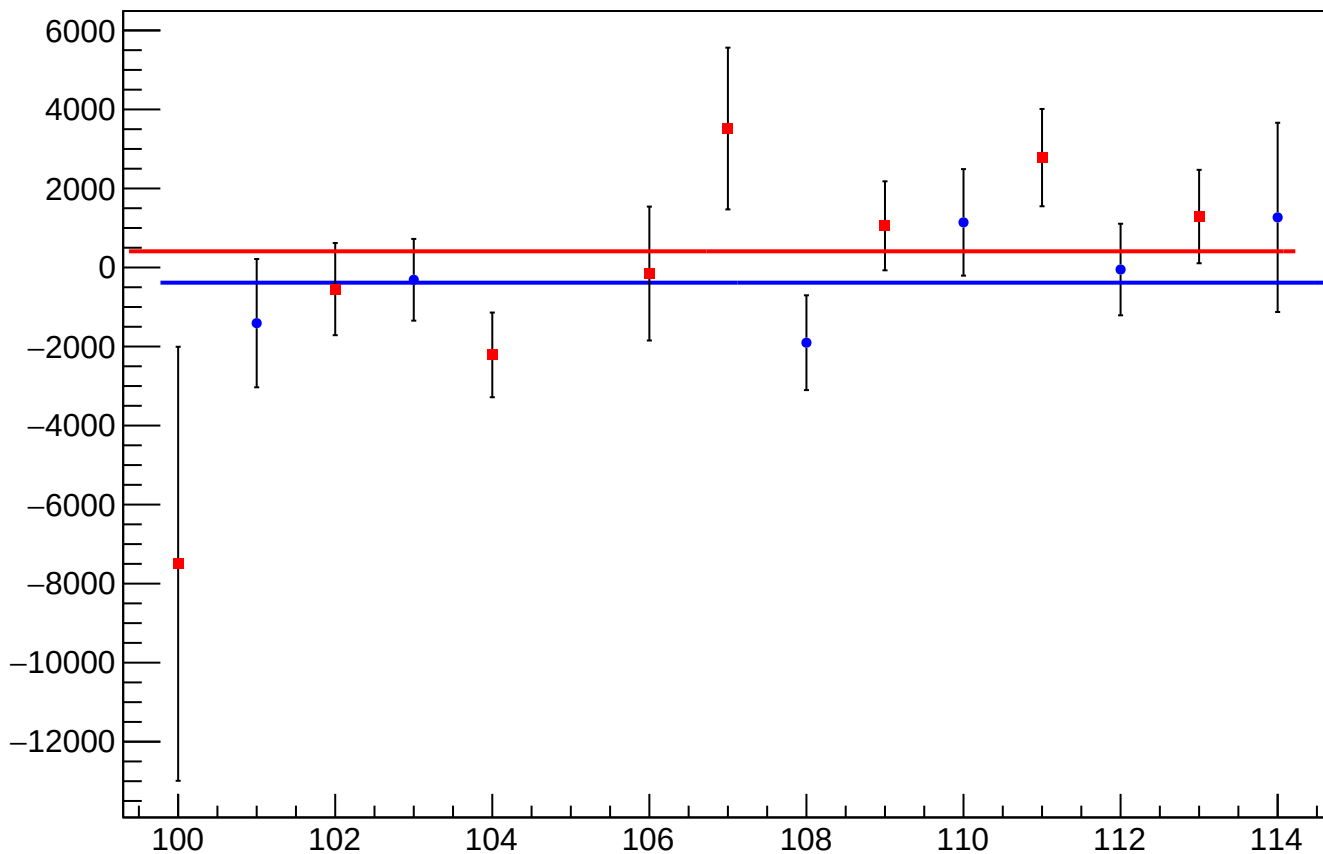
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 501705.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -384.143+/-536.099 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.713+/-477.242 χ^2/NDF : 15.7/7

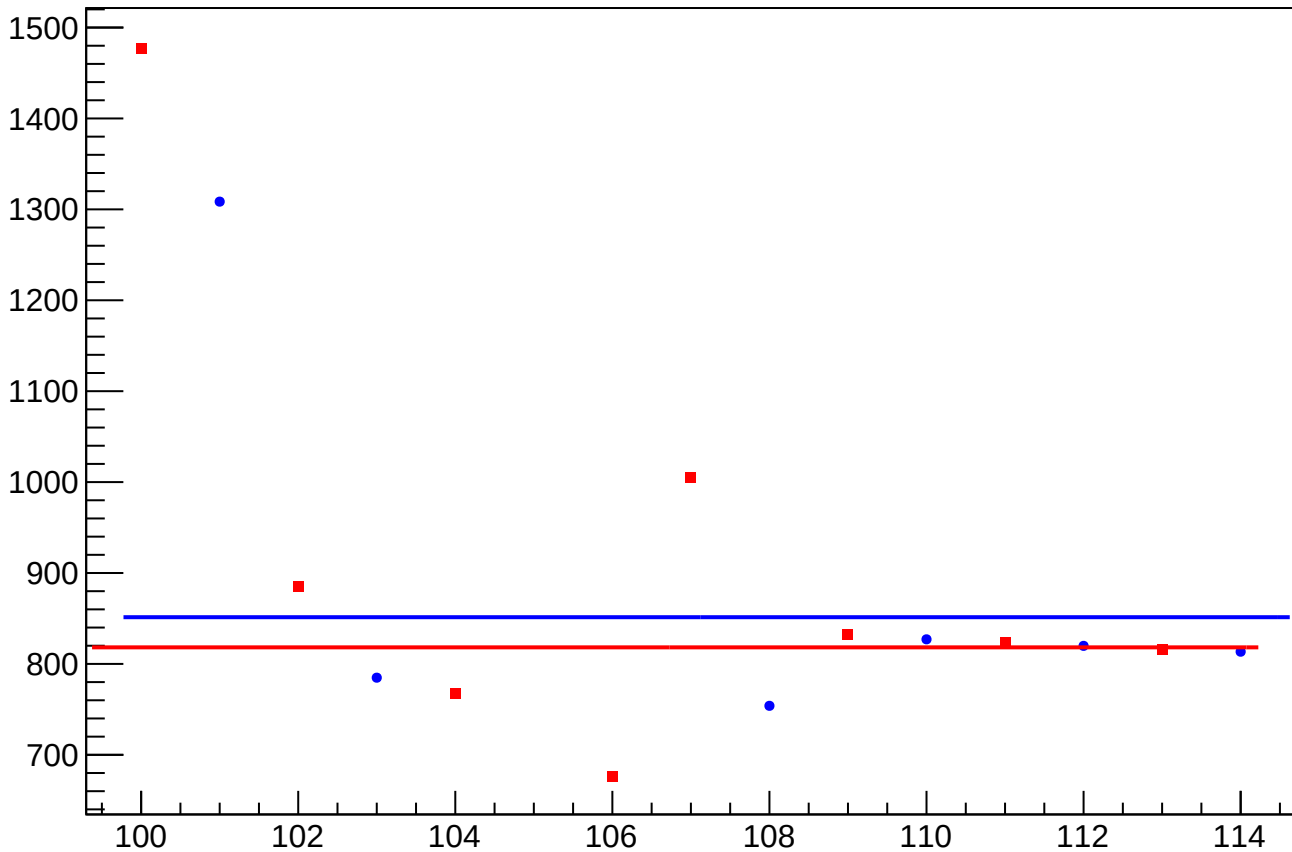
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.739+/-356.461 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 851.385+/-0.379 χ^2/NDF : 182722.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 818.213+/-0.328 χ^2/NDF : 80847.9/7

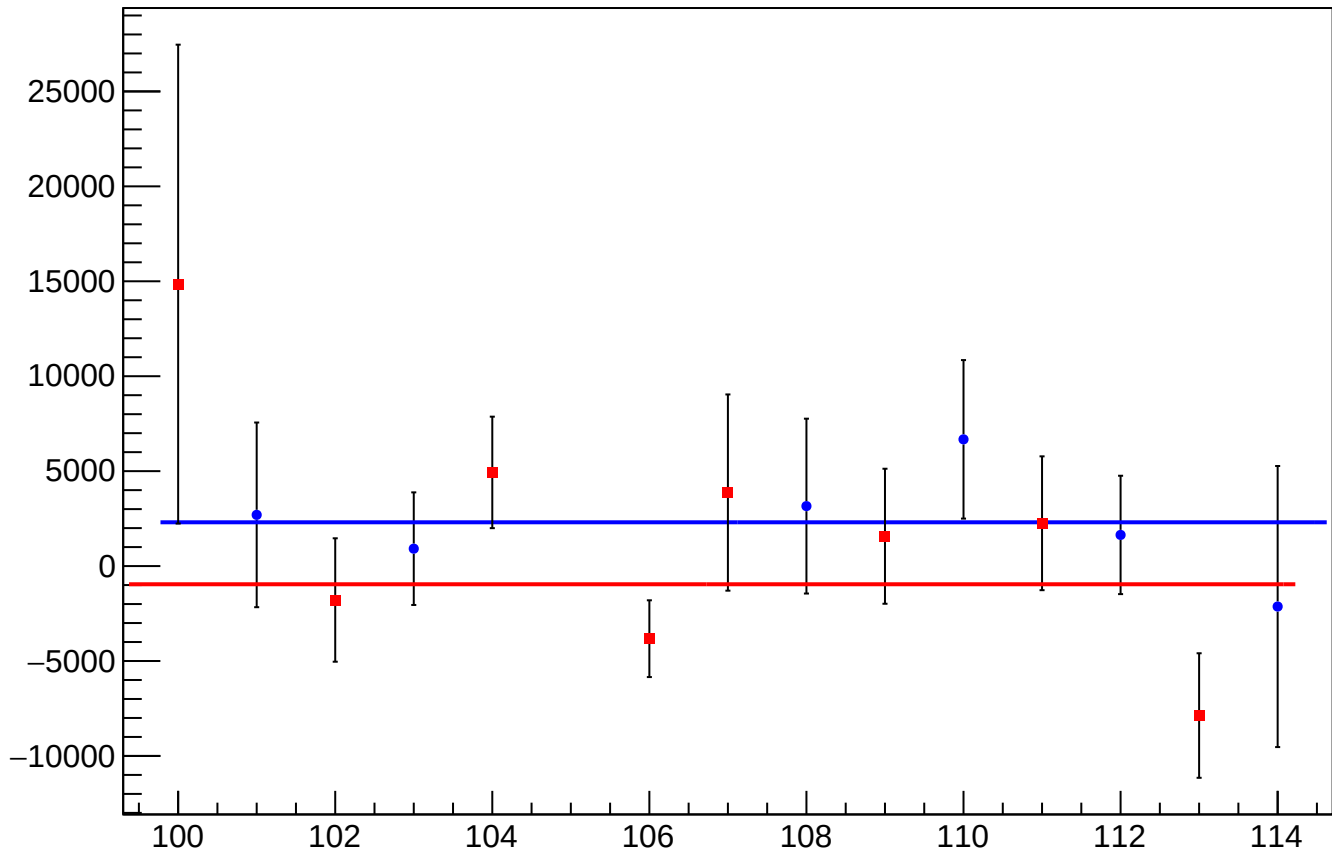
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.439+/-0.248 χ^2/NDF : 267943.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 2306.026 $\pm$ 1618.581 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -957.796 $\pm$ 1153.458 χ^2 /NDF: 14.3/7

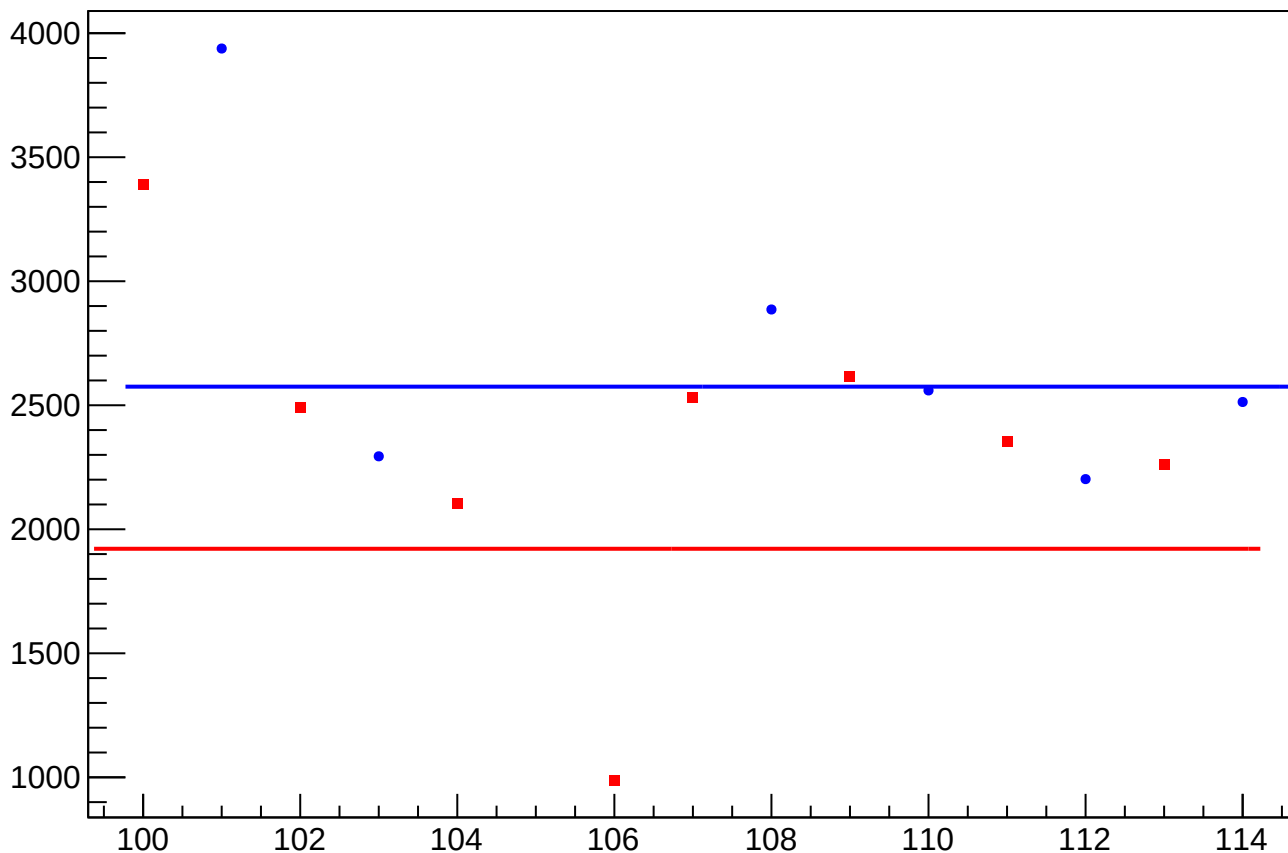
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 141.470 $\pm$ 939.340 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2575.021+/-1.145 χ^2/NDF : 212955.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.424+/-0.816 χ^2/NDF : 679290.2/7

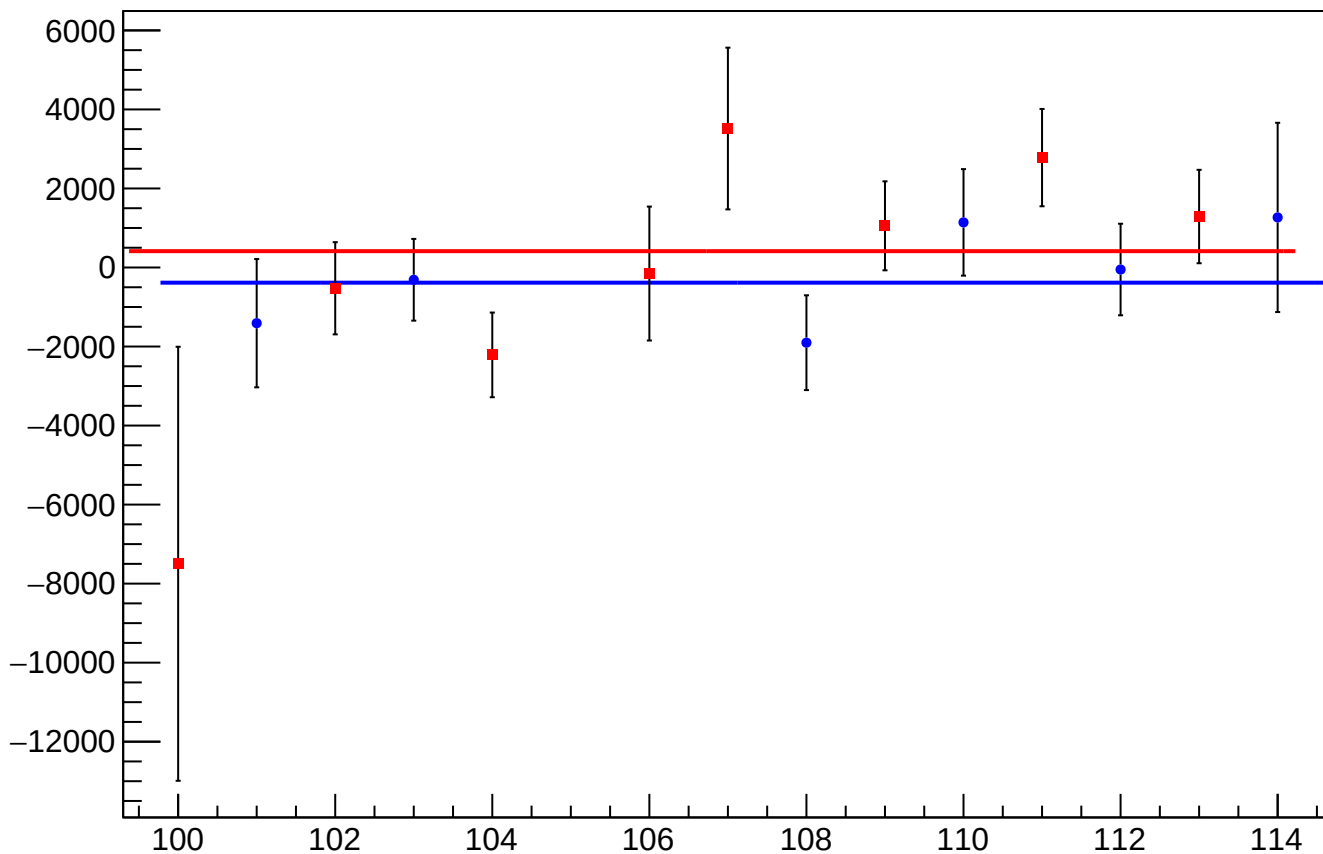
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.558+/-0.664 χ^2/NDF : 1108528.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_mean vs Slug



Right In: -384.287+/-536.099 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.341+/-477.258 χ^2/NDF : 15.7/7

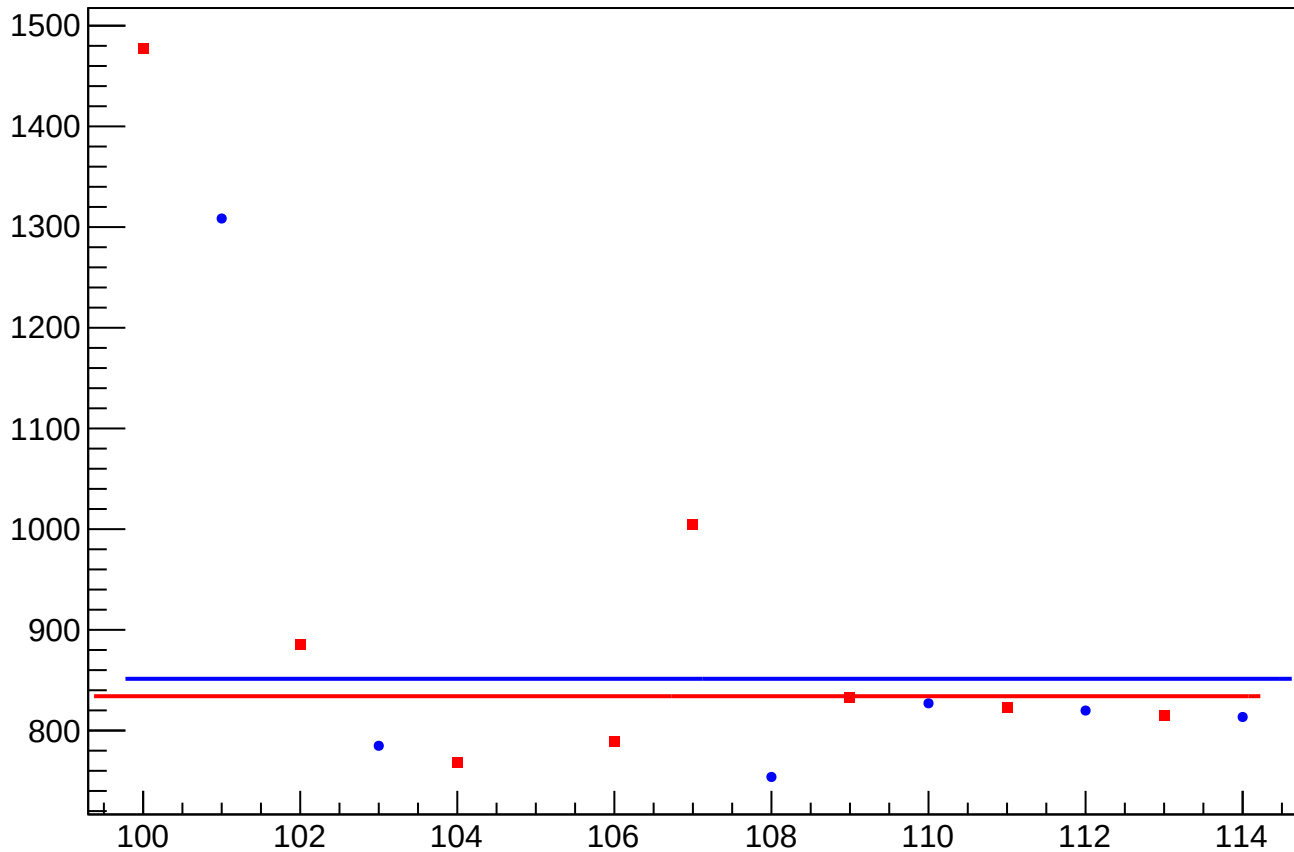
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.686+/-356.467 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 851.385 $\pm$ 0.379 χ^2 /NDF: 182721.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 834.092 $\pm$ 0.334 χ^2 /NDF: 55345.3/7

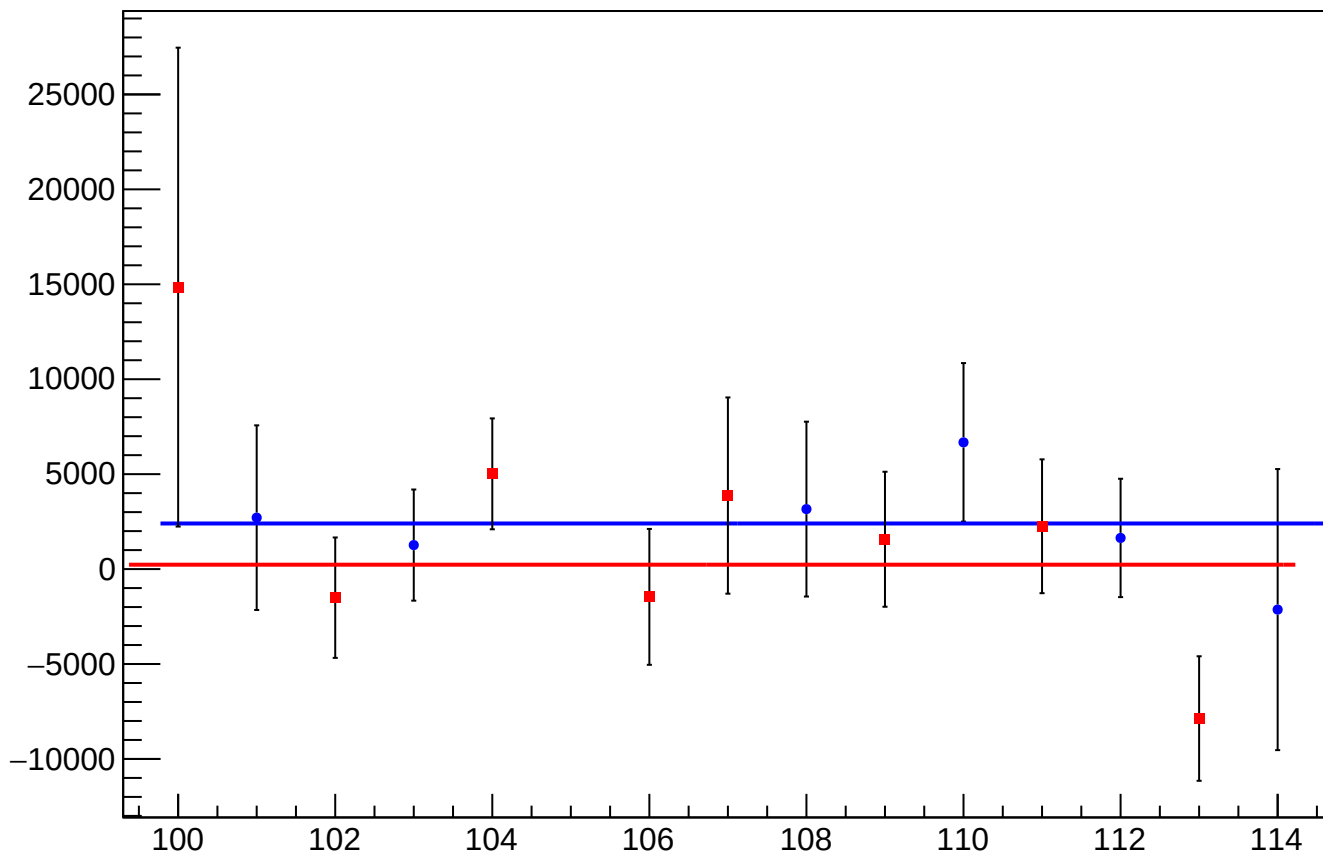
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 841.641 $\pm$ 0.250 χ^2 /NDF: 239239.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 2401.566+/-1612.168 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.855+/-1300.690 χ^2/NDF : 11.6/7

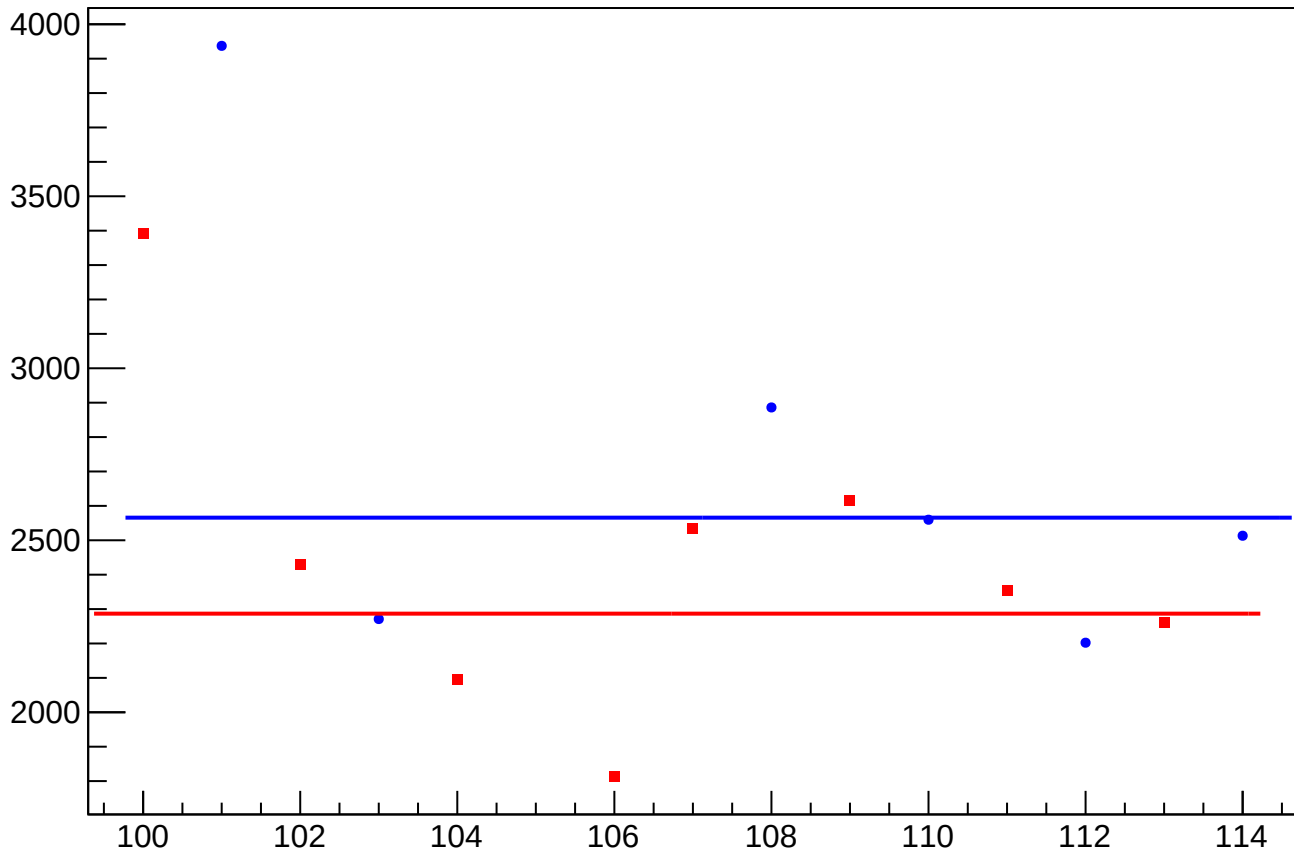
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.716+/-1012.304 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2565.771+/-1.140 χ^2/NDF : 216375.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2286.722+/-0.920 χ^2/NDF : 85975.0/7

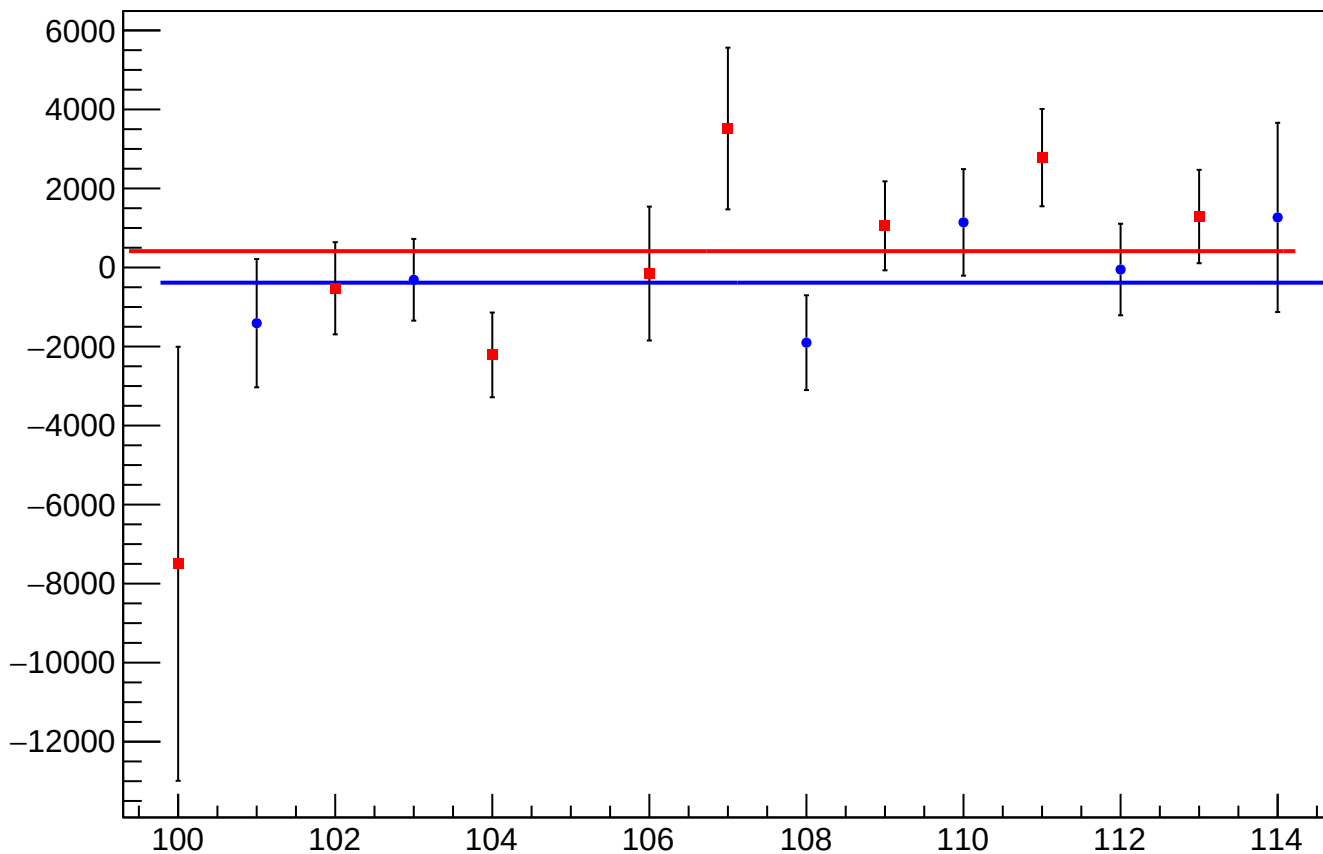
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.745+/-0.716 χ^2/NDF : 338644.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -384.287+/-536.099 χ^2 /NDF: 3.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 413.341+/-477.258 χ^2 /NDF: 15.7/7

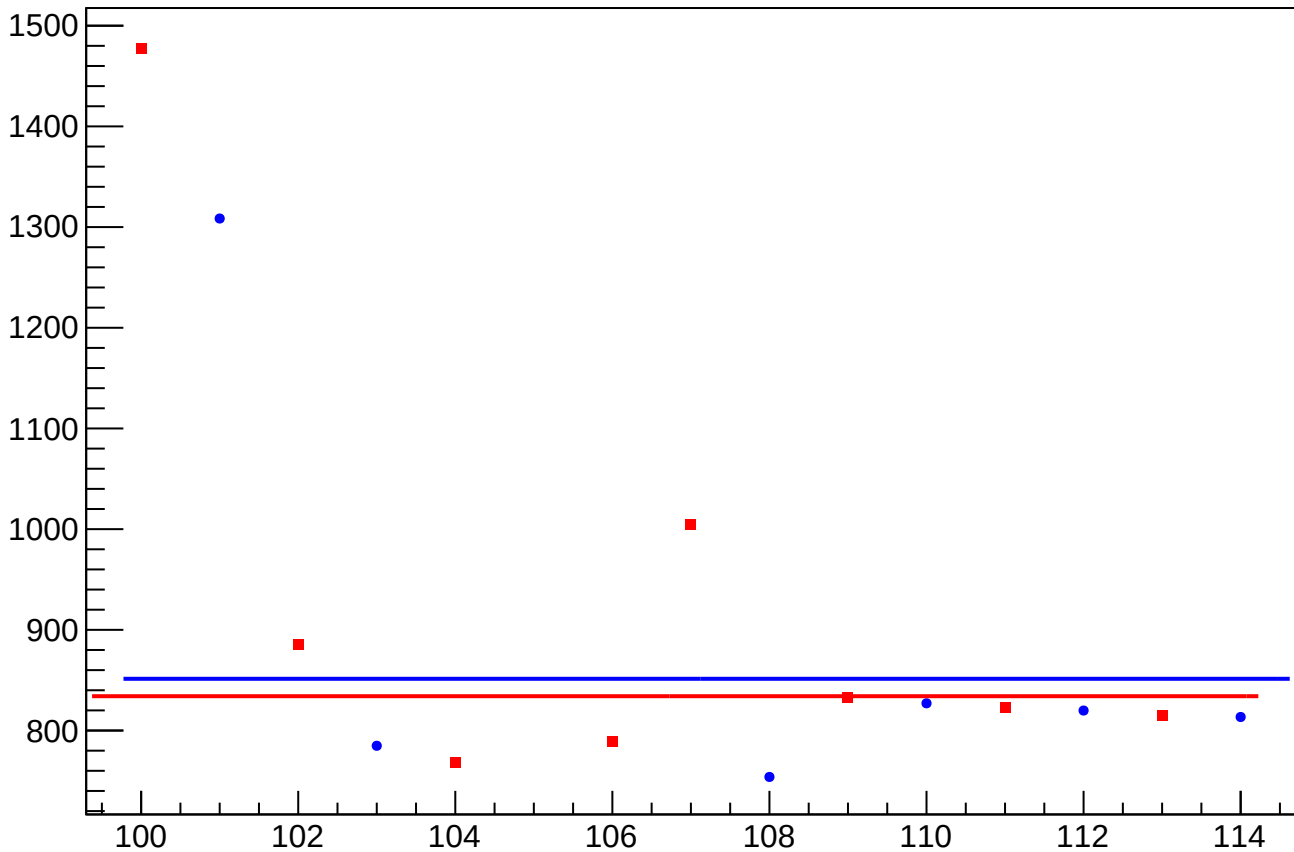
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 60.686+/-356.467 χ^2 /NDF: 20.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 851.385 $\pm$ 0.379 χ^2 /NDF: 182721.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 834.092 $\pm$ 0.334 χ^2 /NDF: 55345.3/7

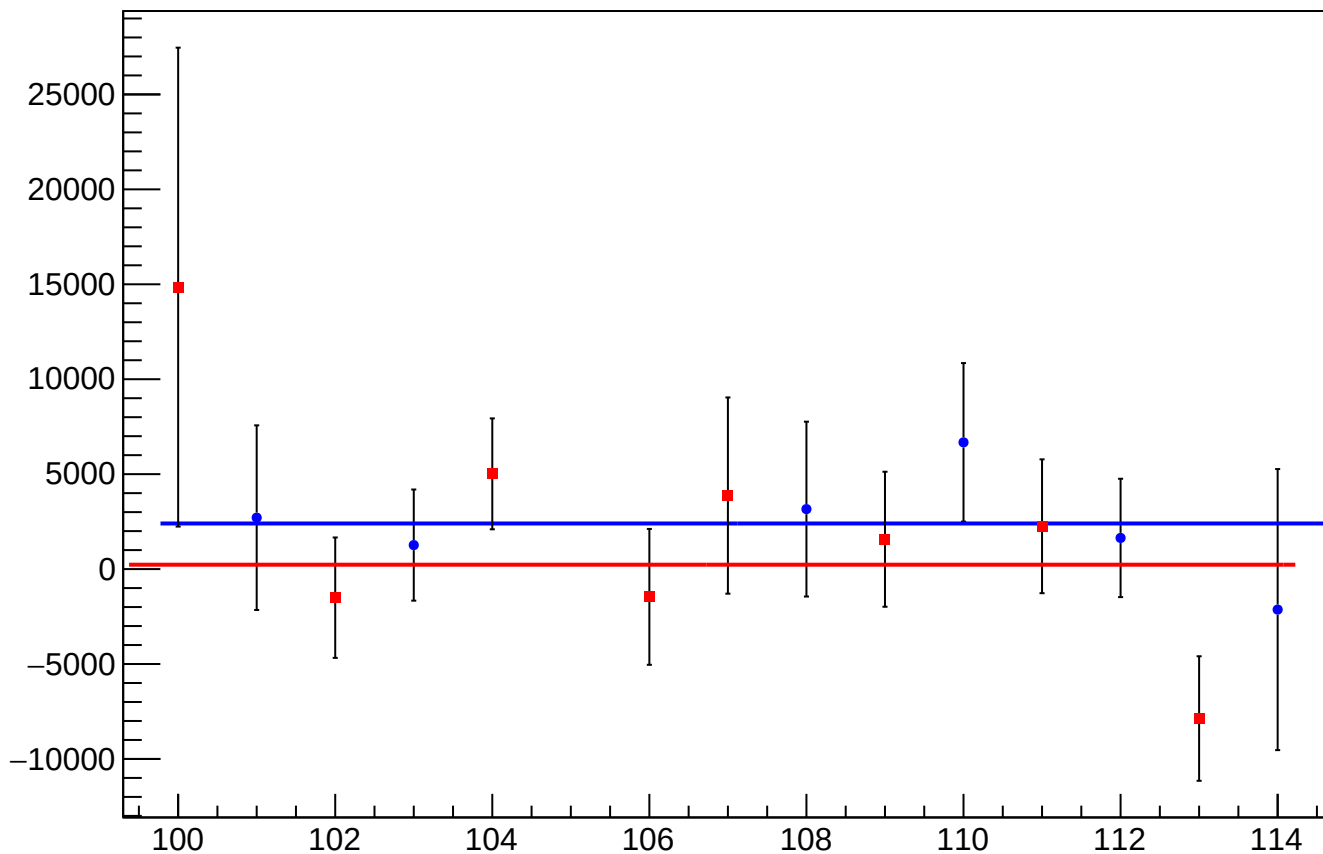
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 841.641 $\pm$ 0.250 χ^2 /NDF: 239239.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



Right In: 2401.566+/-1612.168 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.855+/-1300.690 χ^2/NDF : 11.6/7

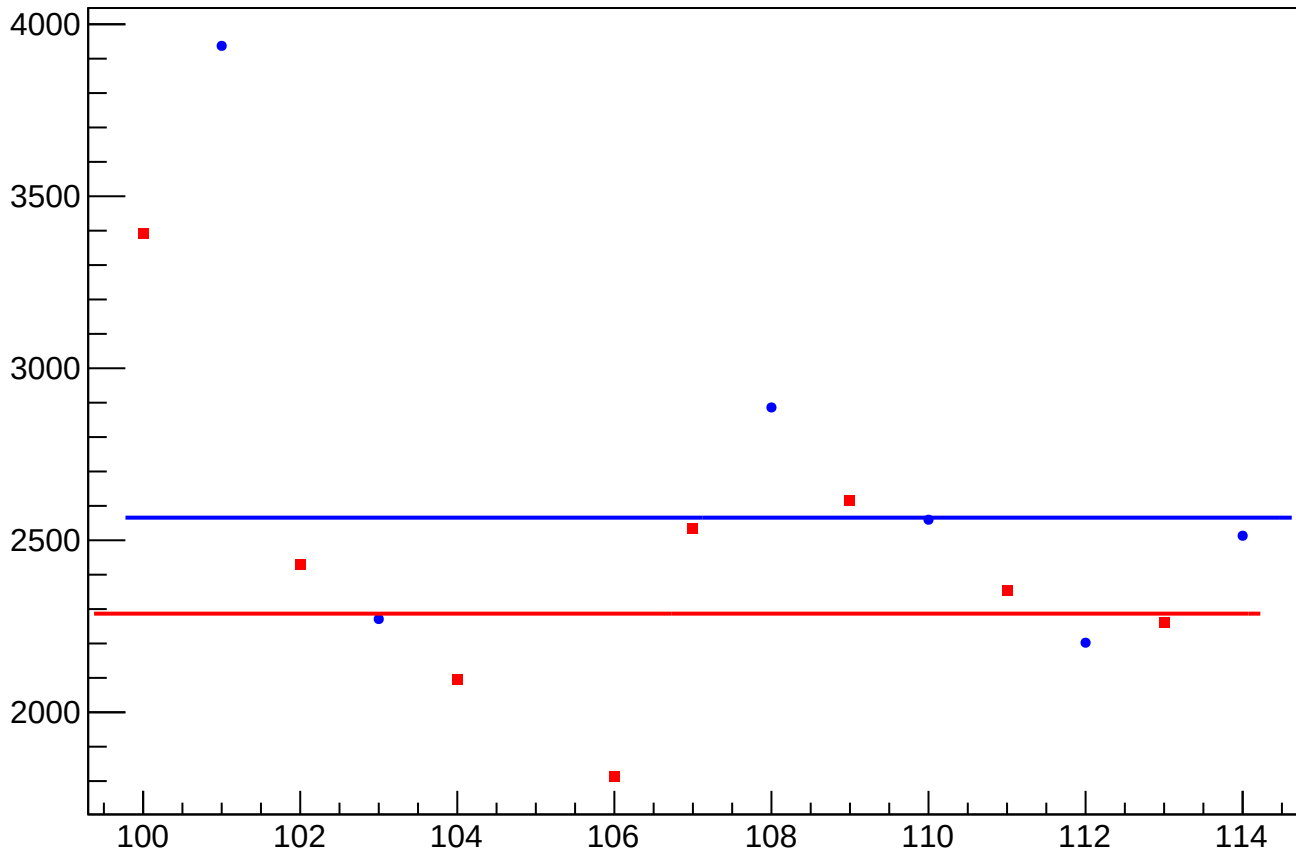
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.716+/-1012.304 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2565.771 $\pm$ 1.140 χ^2 /NDF: 216375.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2286.722 $\pm$ 0.920 χ^2 /NDF: 85975.0/7

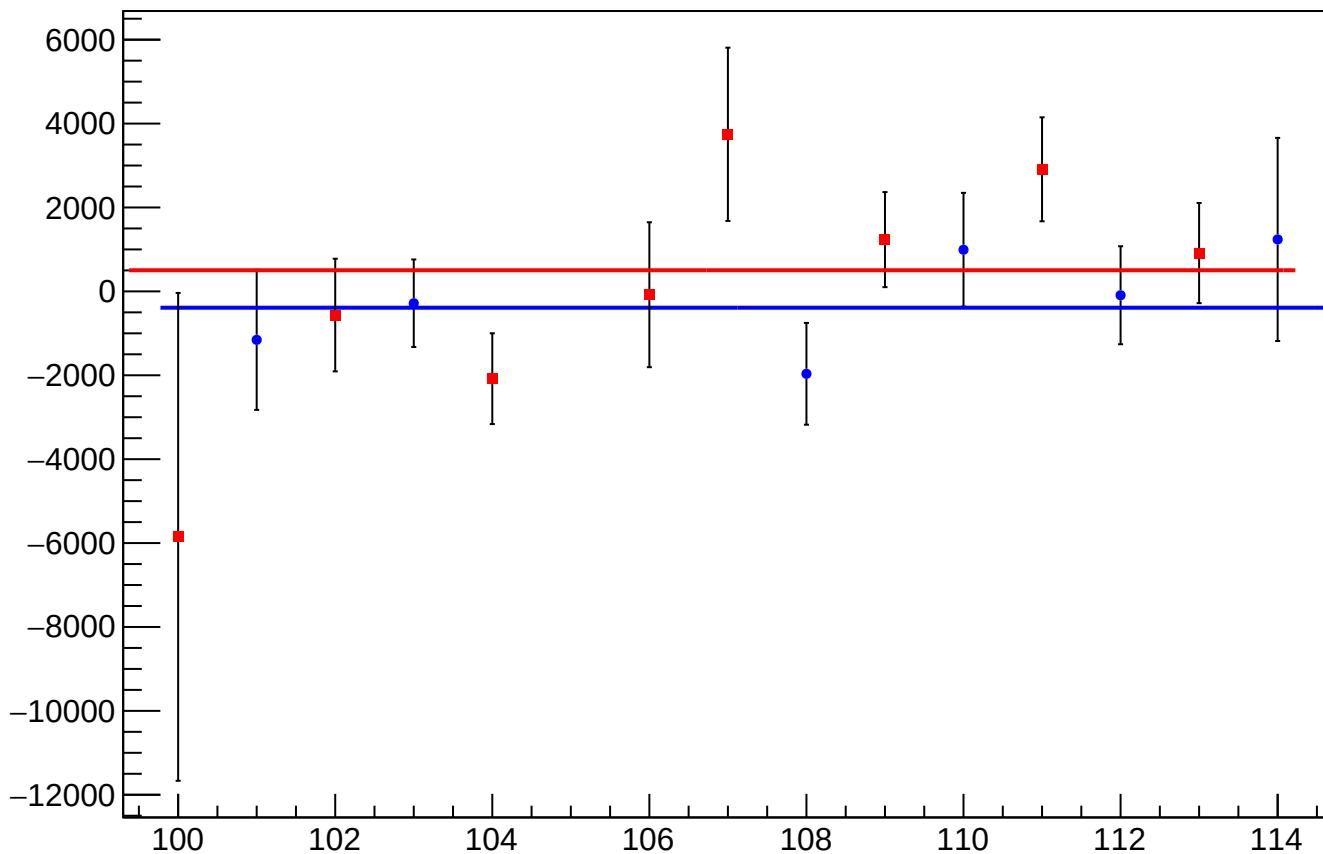
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2396.745 $\pm$ 0.716 χ^2 /NDF: 338644.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_dd_mean vs Slug



Right In: -389.482+/-542.043 χ^2 /NDF: 3.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 503.720+/-491.526 χ^2 /NDF: 14.4/7

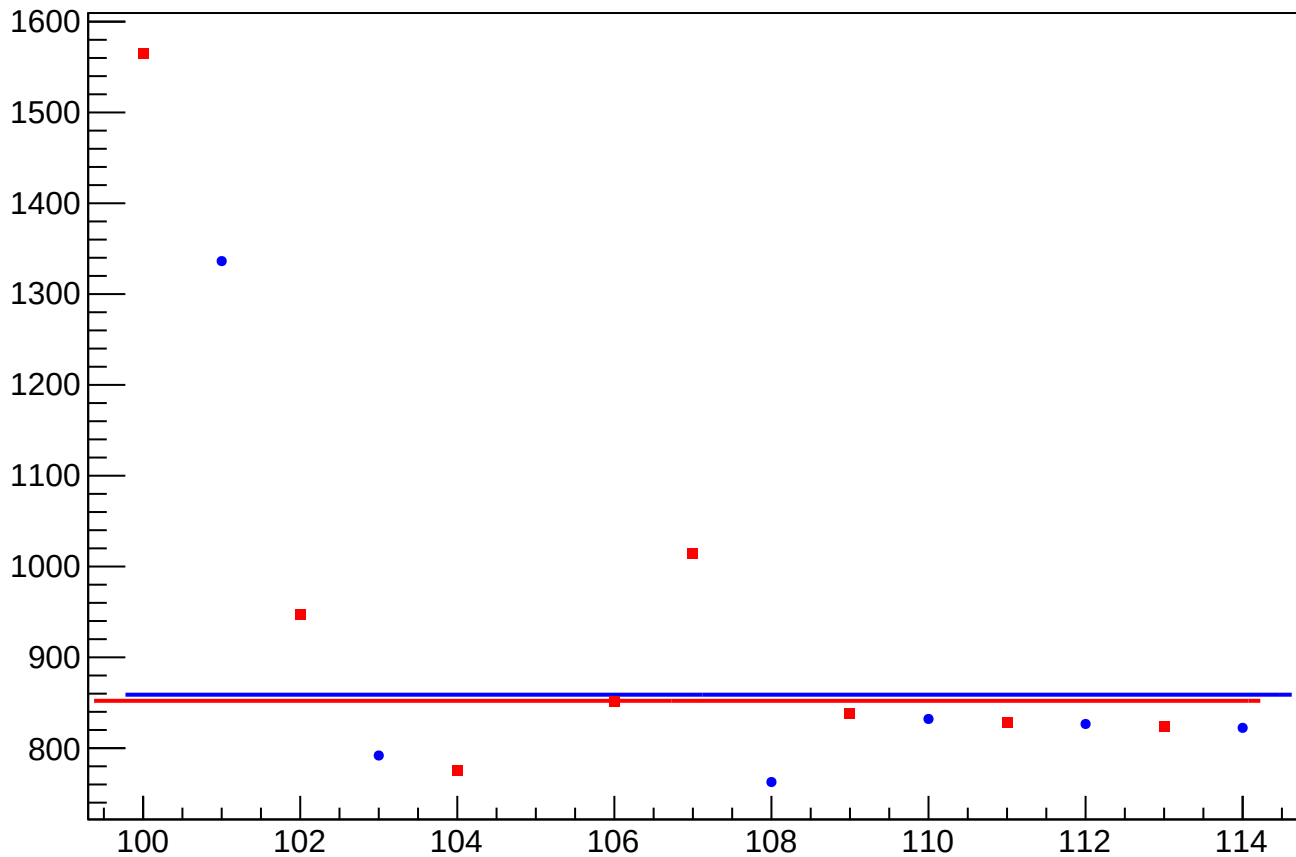
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 100.671+/-364.114 χ^2 /NDF: 19.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 858.866 $\pm$ 0.383 χ^2 /NDF: 187047.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 852.147 $\pm$ 0.347 χ^2 /NDF: 64703.8/7

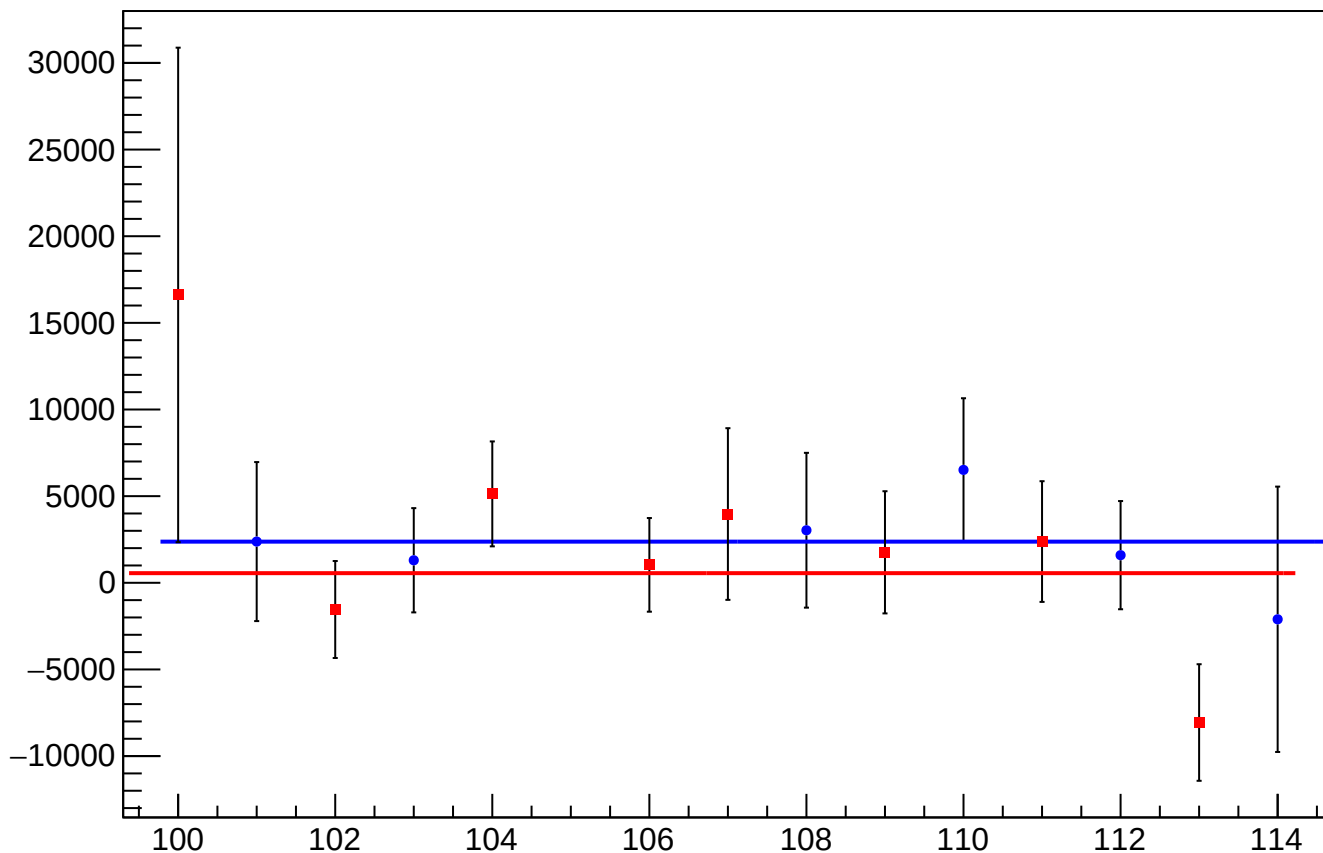
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 855.172 $\pm$ 0.257 χ^2 /NDF: 251920.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 2374.977+/-1609.002 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.228+/-1221.013 χ^2/NDF : 11.6/7

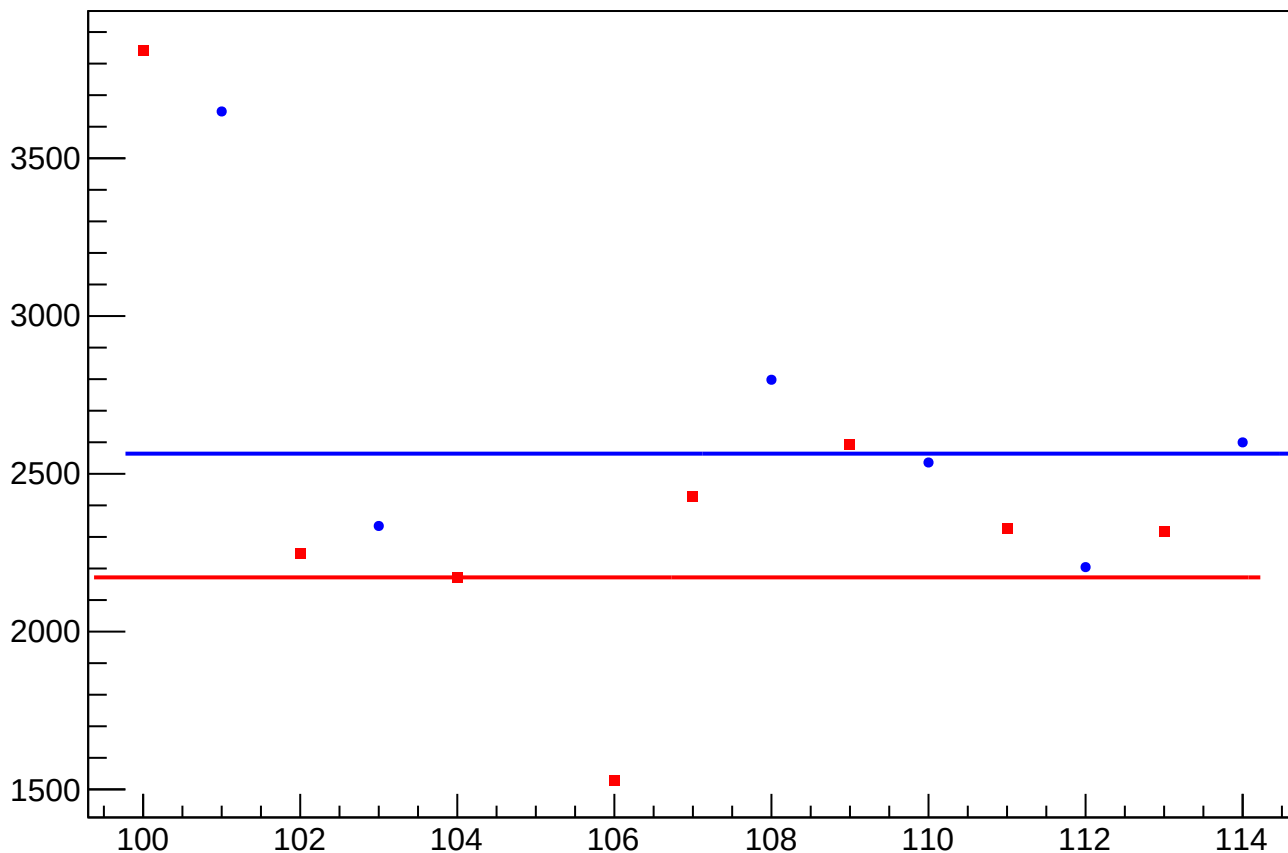
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1220.856+/-972.657 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2563.953 $\pm$ 1.138 χ^2 /NDF: 155492.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2171.841 $\pm$ 0.863 χ^2 /NDF: 183635.2/7

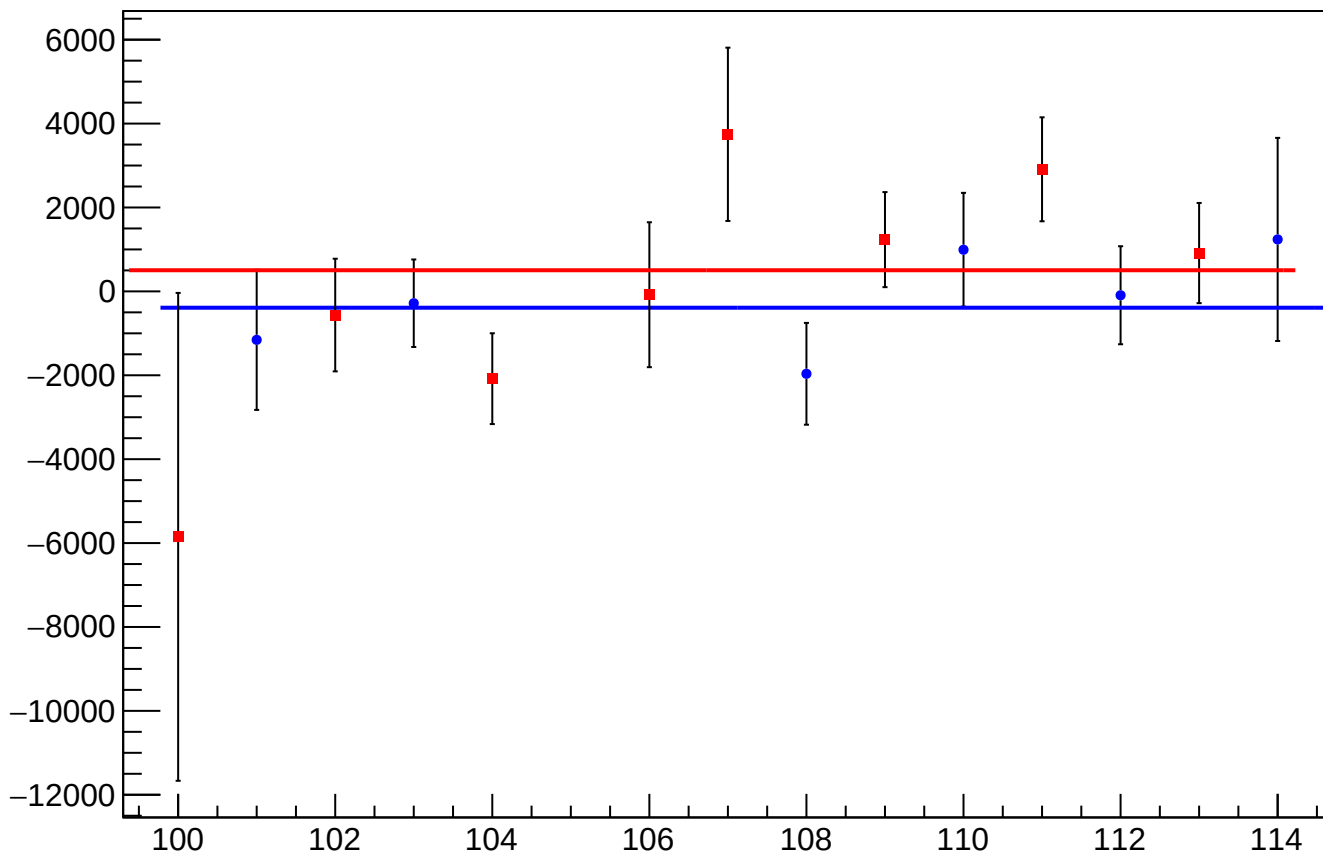
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2315.131 $\pm$ 0.688 χ^2 /NDF: 414501.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: -389.489+/-542.044 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.729+/-491.526 χ^2/NDF : 14.4/7

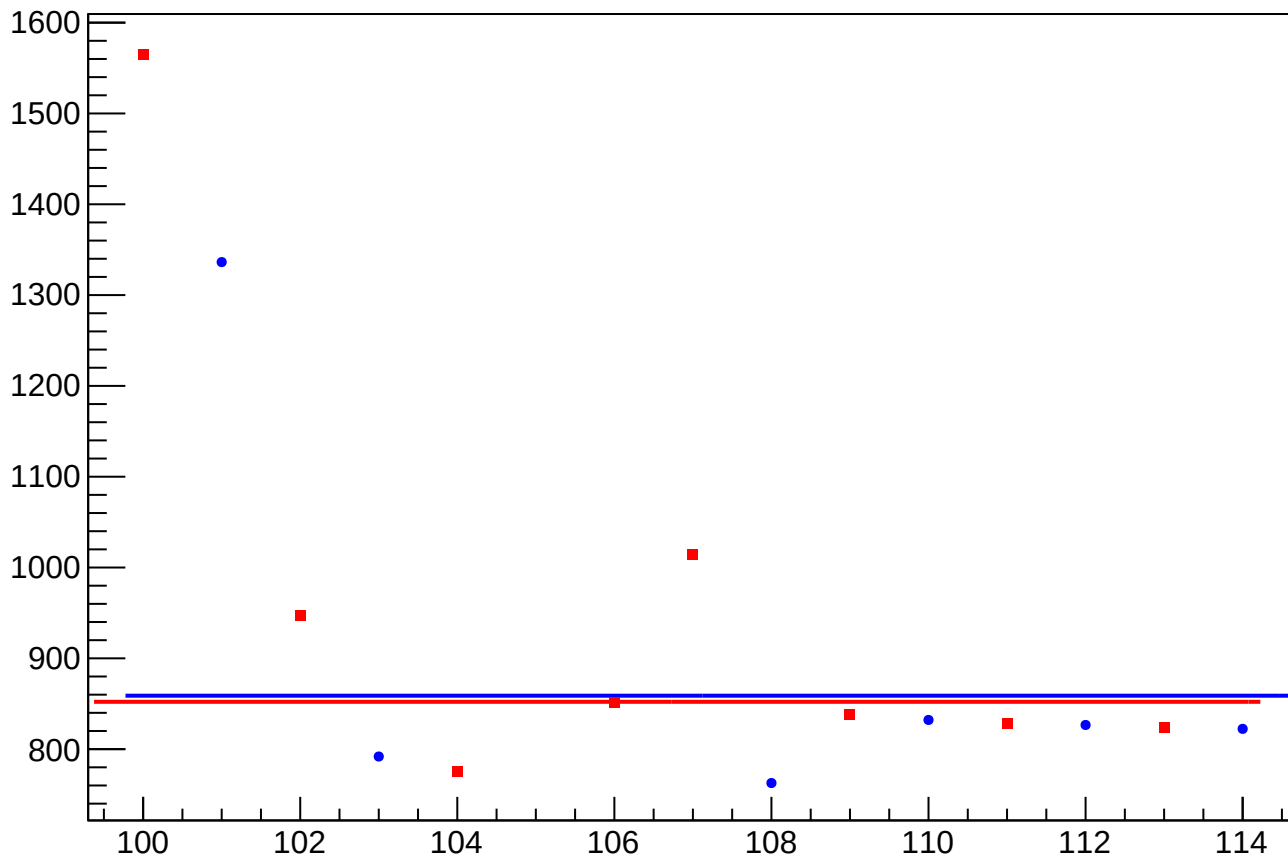
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.674+/-364.115 χ^2/NDF : 19.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 858.866 $\pm$ 0.383 χ^2 /NDF: 187047.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 852.147 $\pm$ 0.347 χ^2 /NDF: 64703.8/7

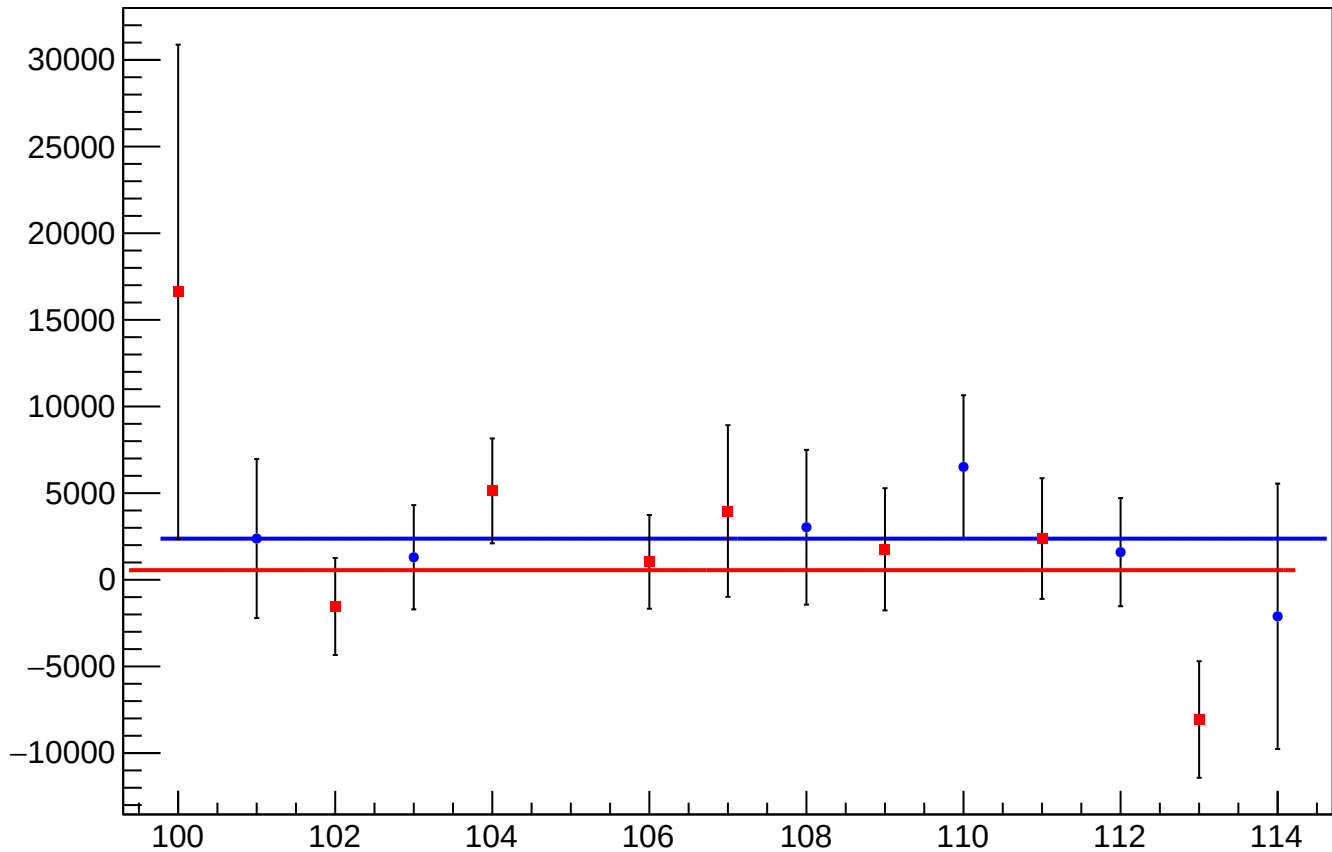
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 855.172 $\pm$ 0.257 χ^2 /NDF: 251919.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 2374.972 $\pm$ 1608.999 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 556.229 $\pm$ 1221.011 χ^2 /NDF: 11.6/7

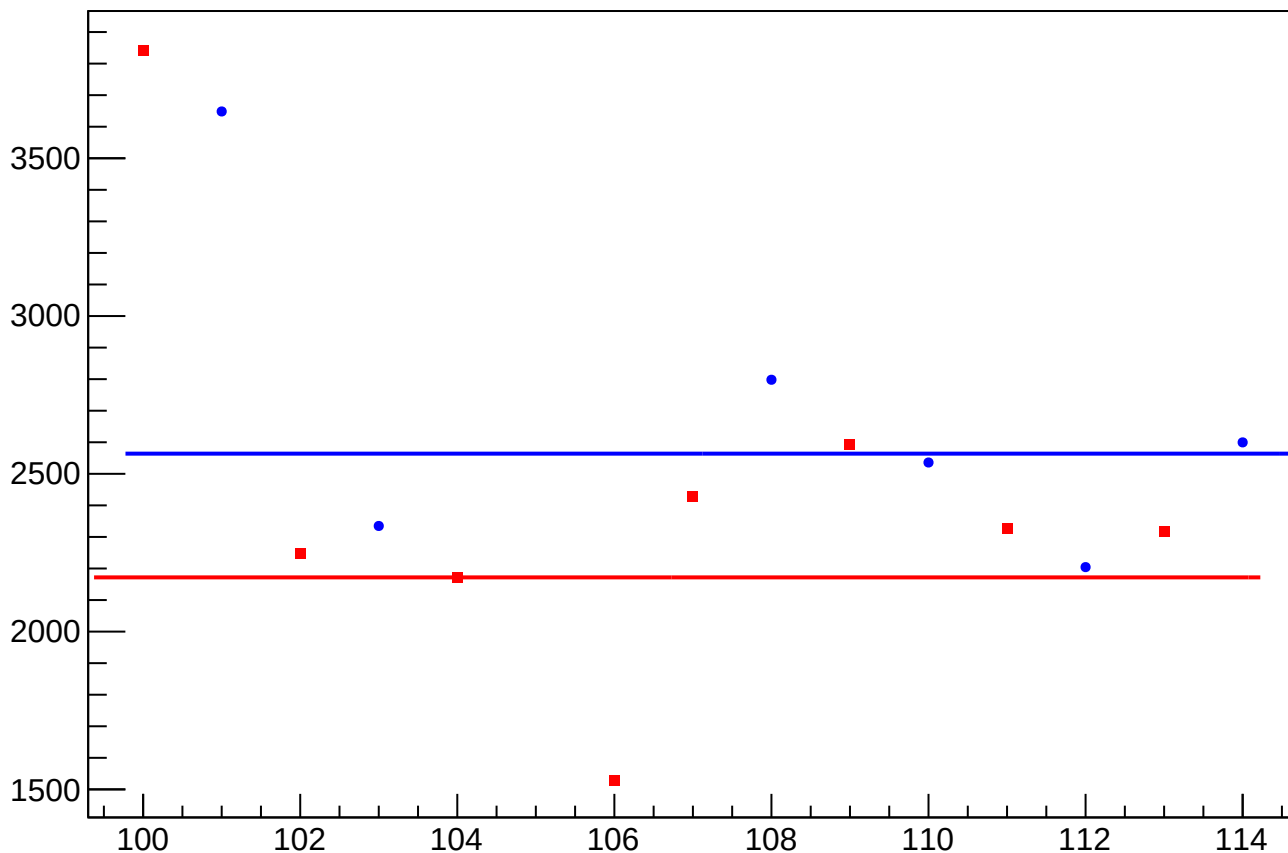
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1220.855 $\pm$ 972.655 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2563.947 $\pm$ 1.138 χ^2 /NDF: 155493.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2171.836 $\pm$ 0.863 χ^2 /NDF: 183637.7/7

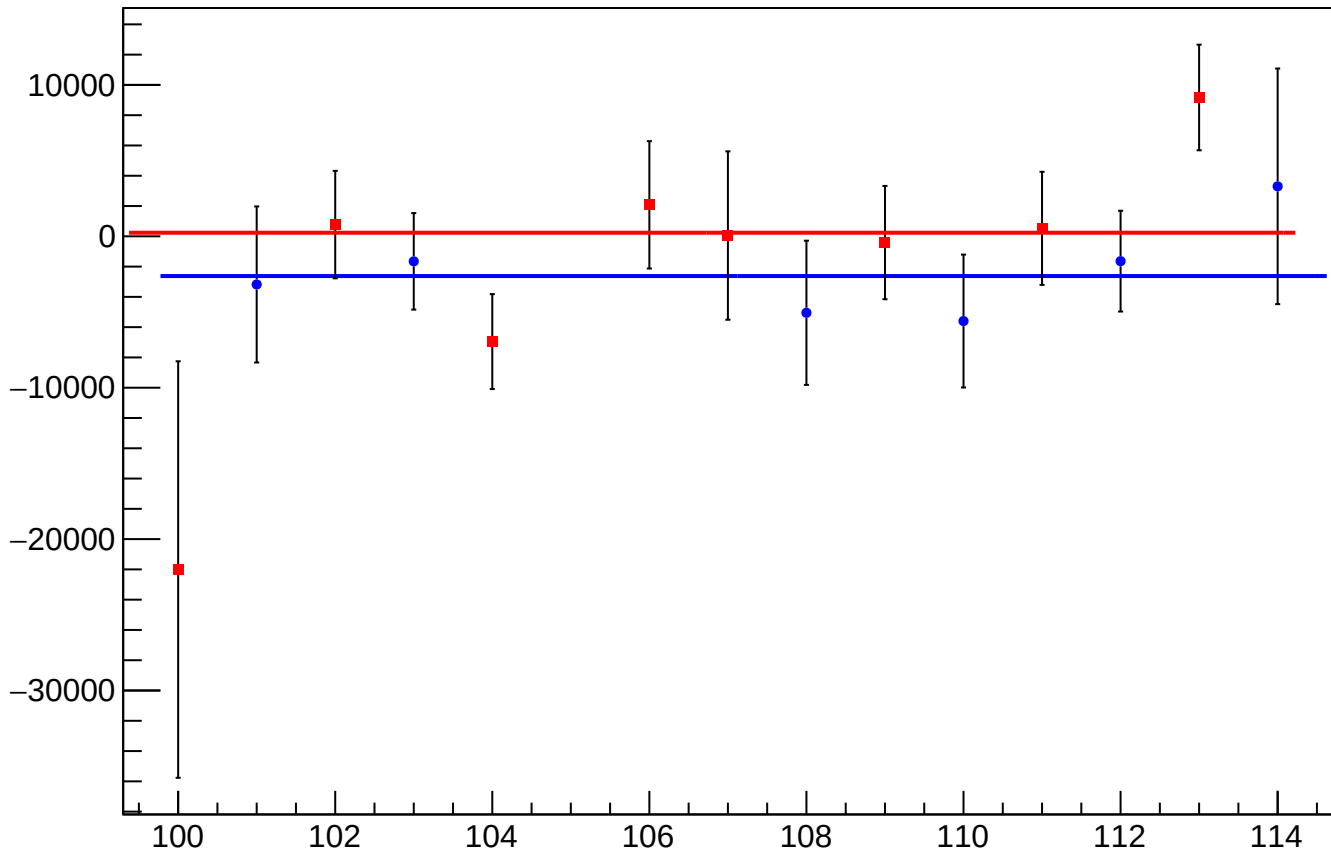
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2315.126 $\pm$ 0.688 χ^2 /NDF: 414503.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_mean vs Slug



Right In: -2624.628+/-1717.693 χ^2 /NDF: 1.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 237.341+/-1413.314 χ^2 /NDF: 14.7/7

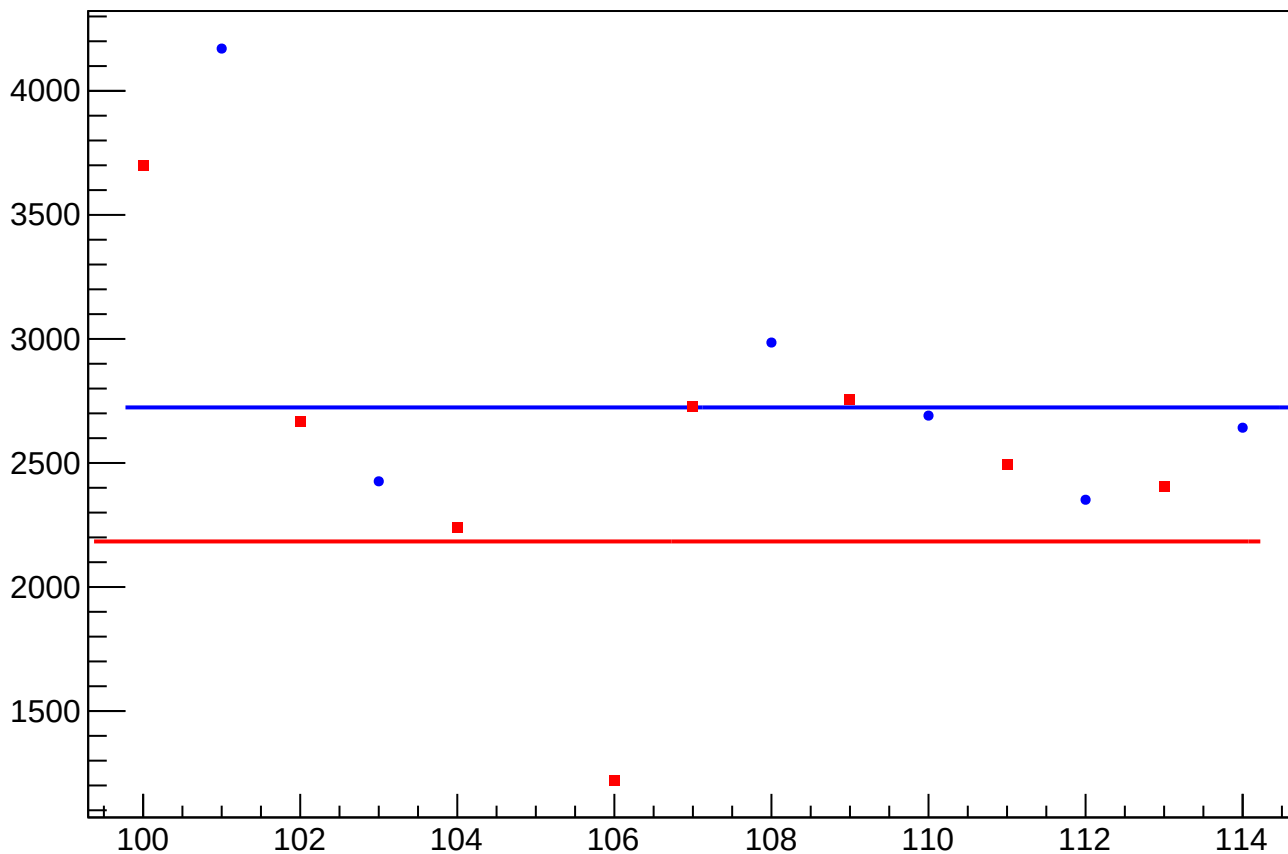
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -918.024+/-1091.372 χ^2 /NDF: 17.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_rms vs Slug



Right In: 2723.971+/-1.215 χ^2/NDF : 206416.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2183.673+/-0.912 χ^2/NDF : 441569.2/7

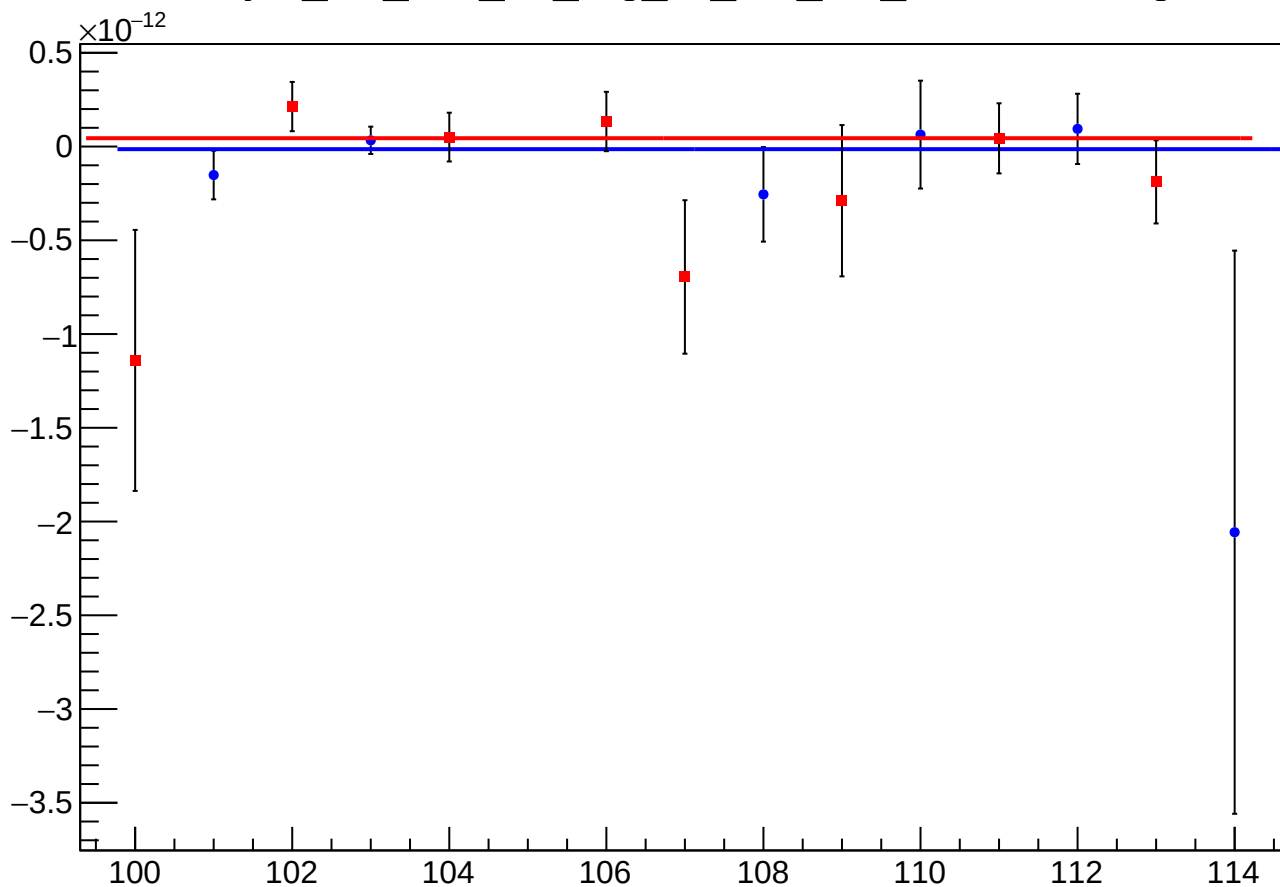
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.482+/-0.729 χ^2/NDF : 774519.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.9/7

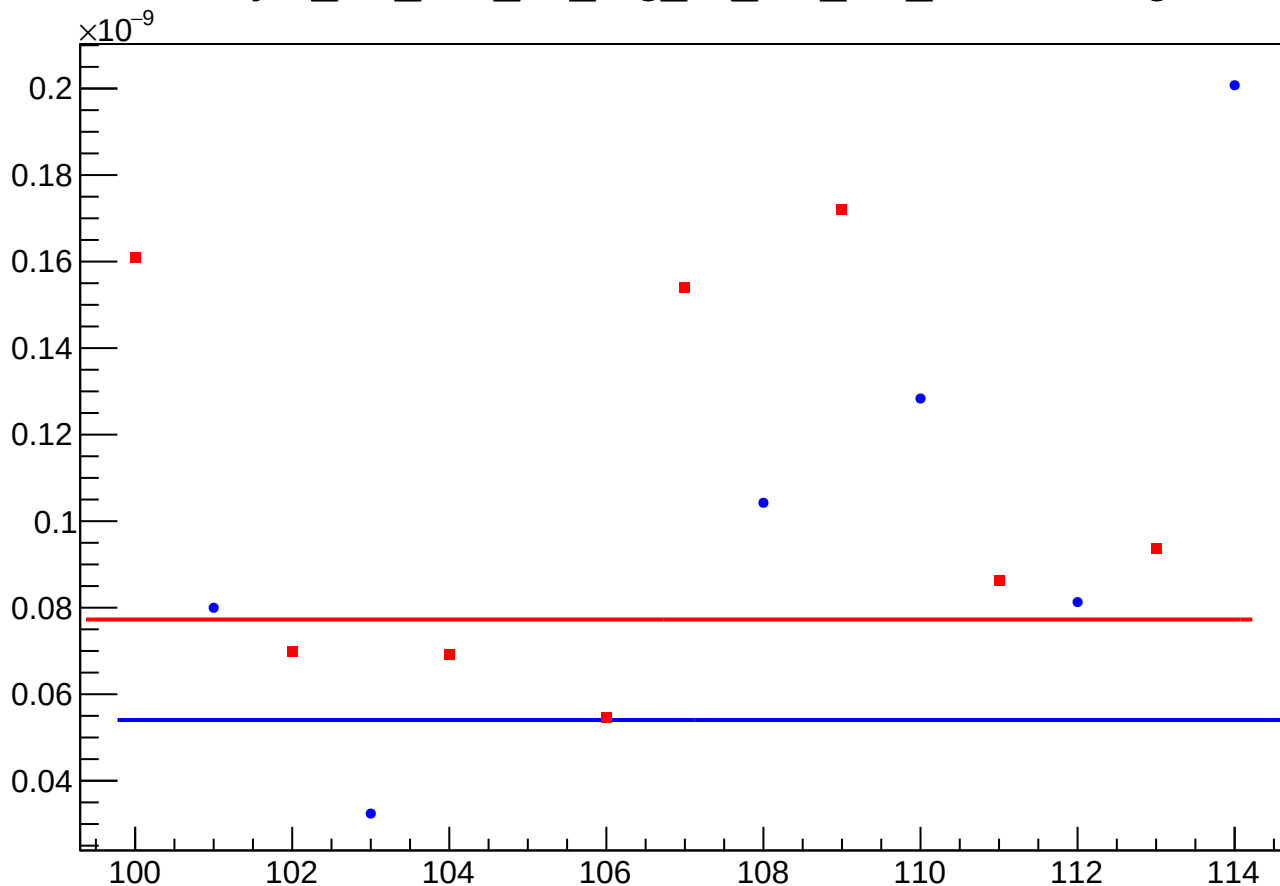
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 15.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 530120.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 280234.3/7

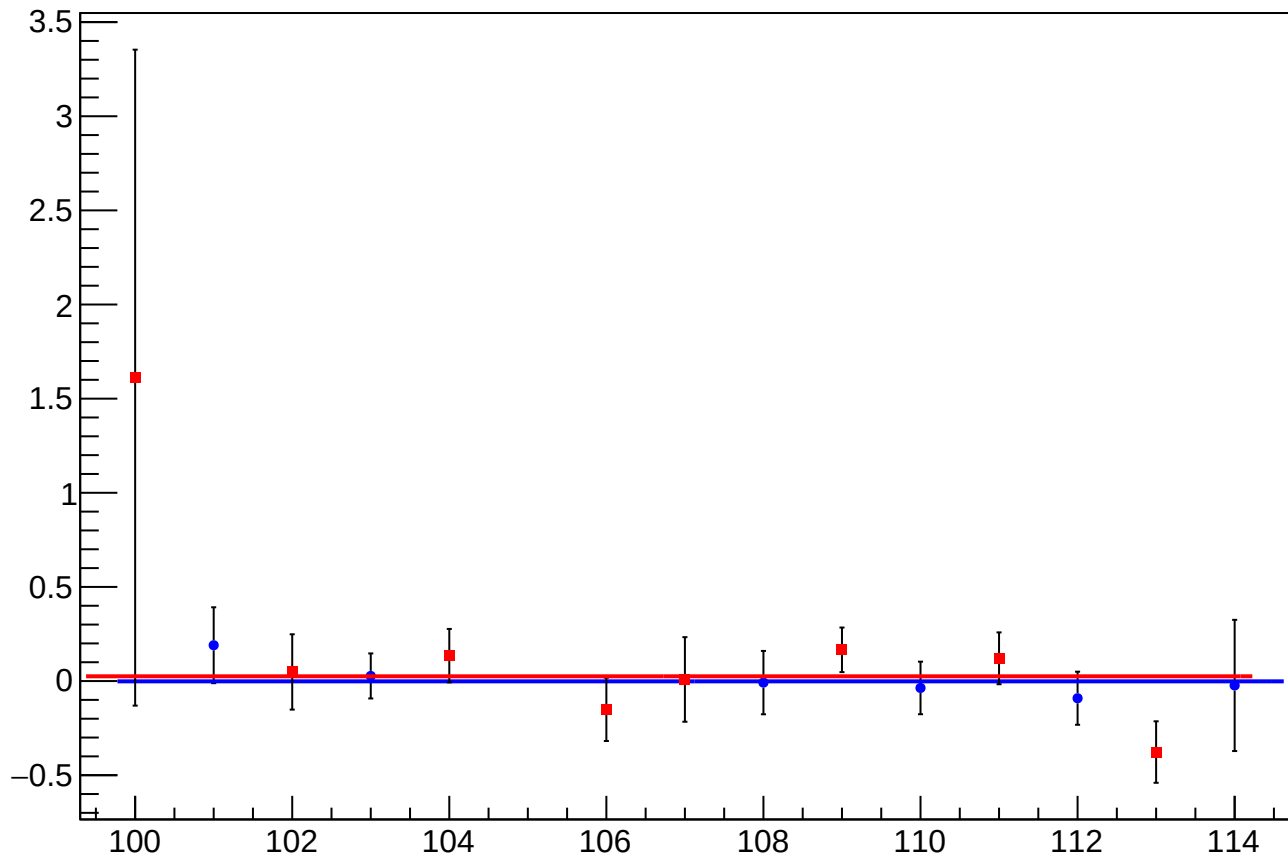
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 948157.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.065 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.059 χ^2 /NDF: 10.5/7

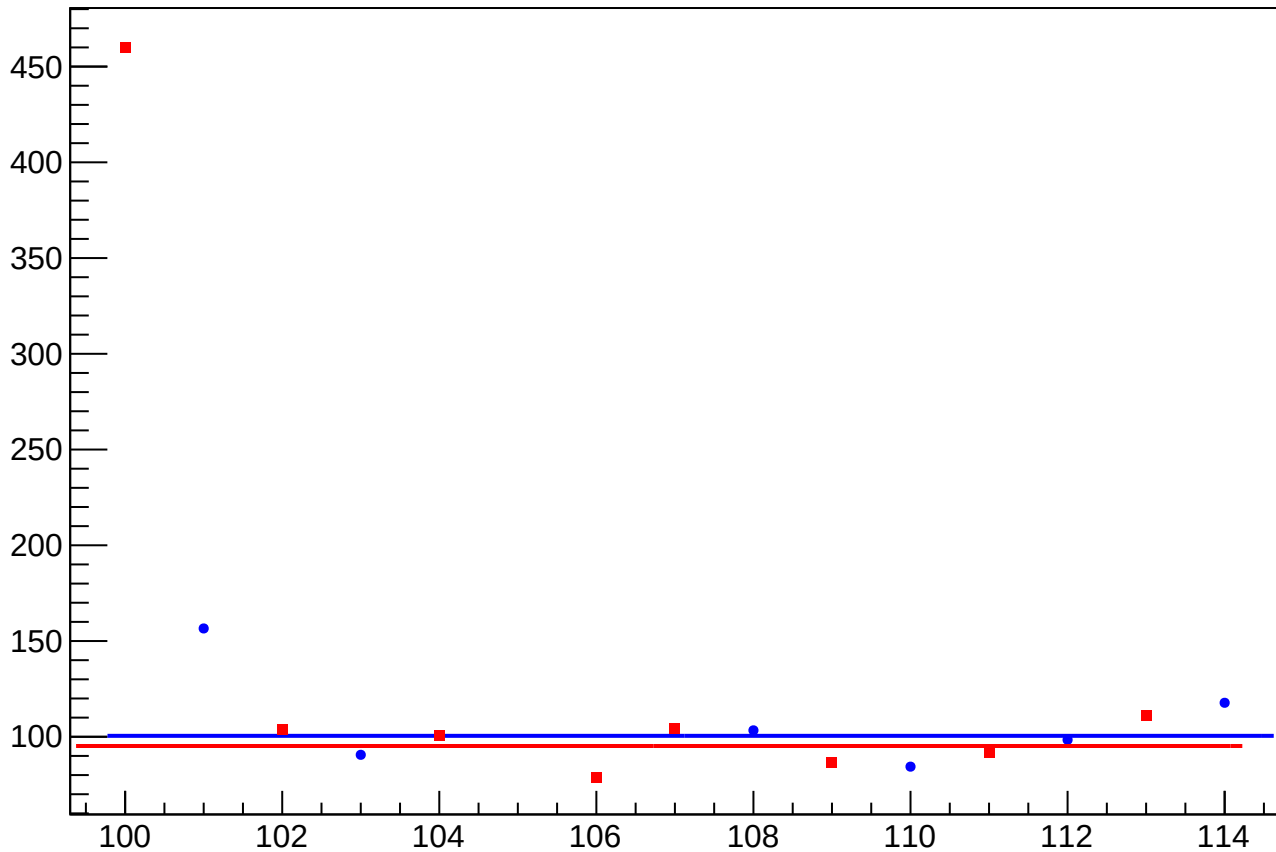
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.043 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 100.492 $\pm$ 0.046 χ^2 /NDF: 201081.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.184 $\pm$ 0.041 χ^2 /NDF: 147731.5/7

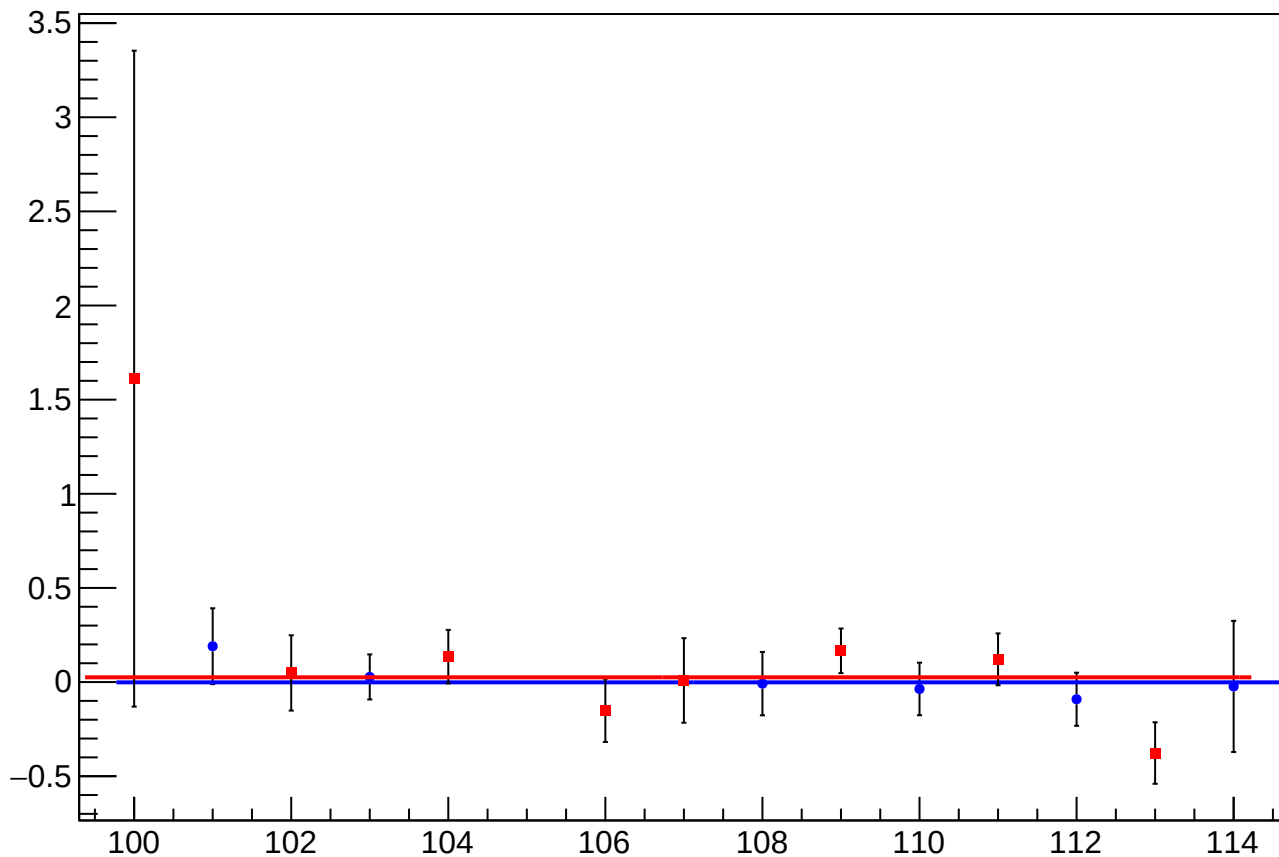
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.578 $\pm$ 0.031 χ^2 /NDF: 356229.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.065 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.059 χ^2 /NDF: 10.5/7

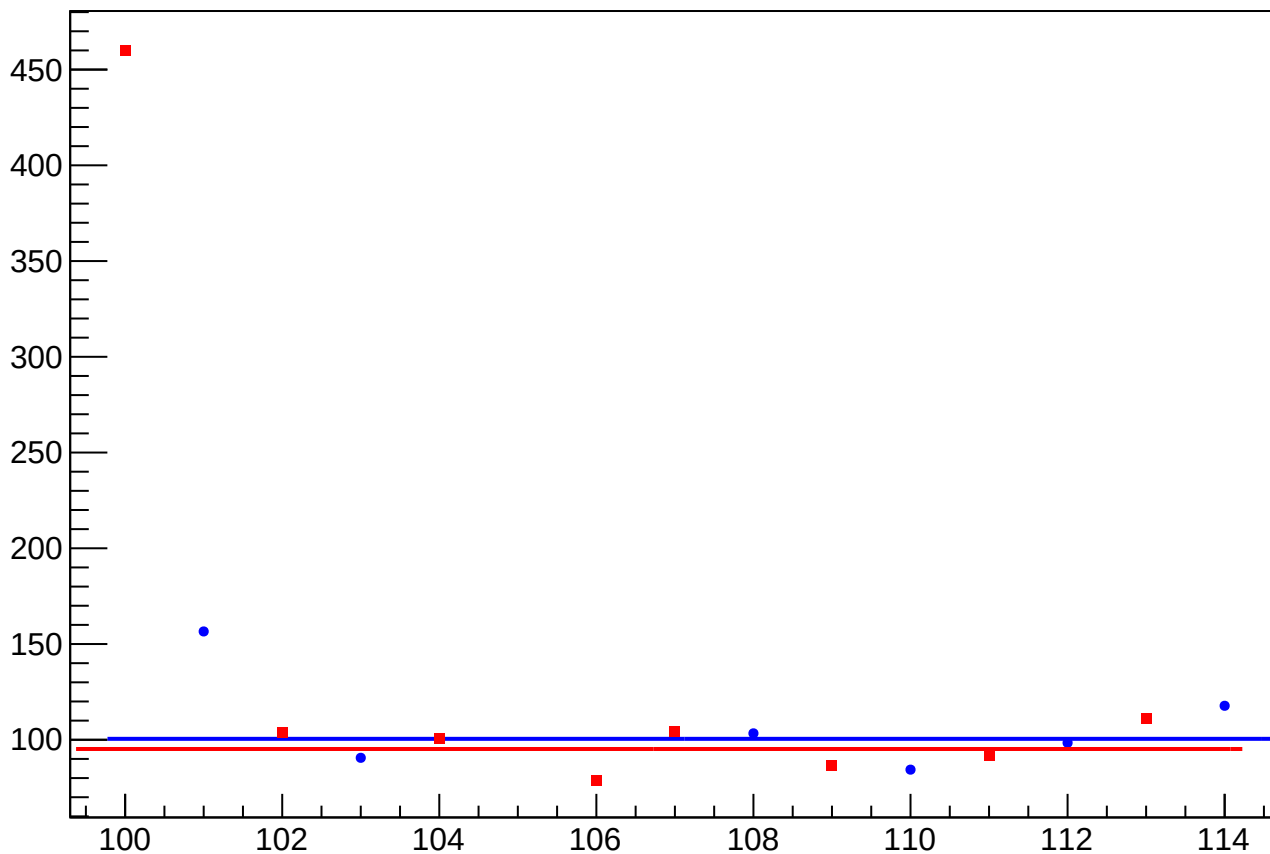
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.043 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 100.492 +/- 0.046 χ^2/NDF : 201081.9/5

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 95.184 +/- 0.041 χ^2/NDF : 147731.5/7

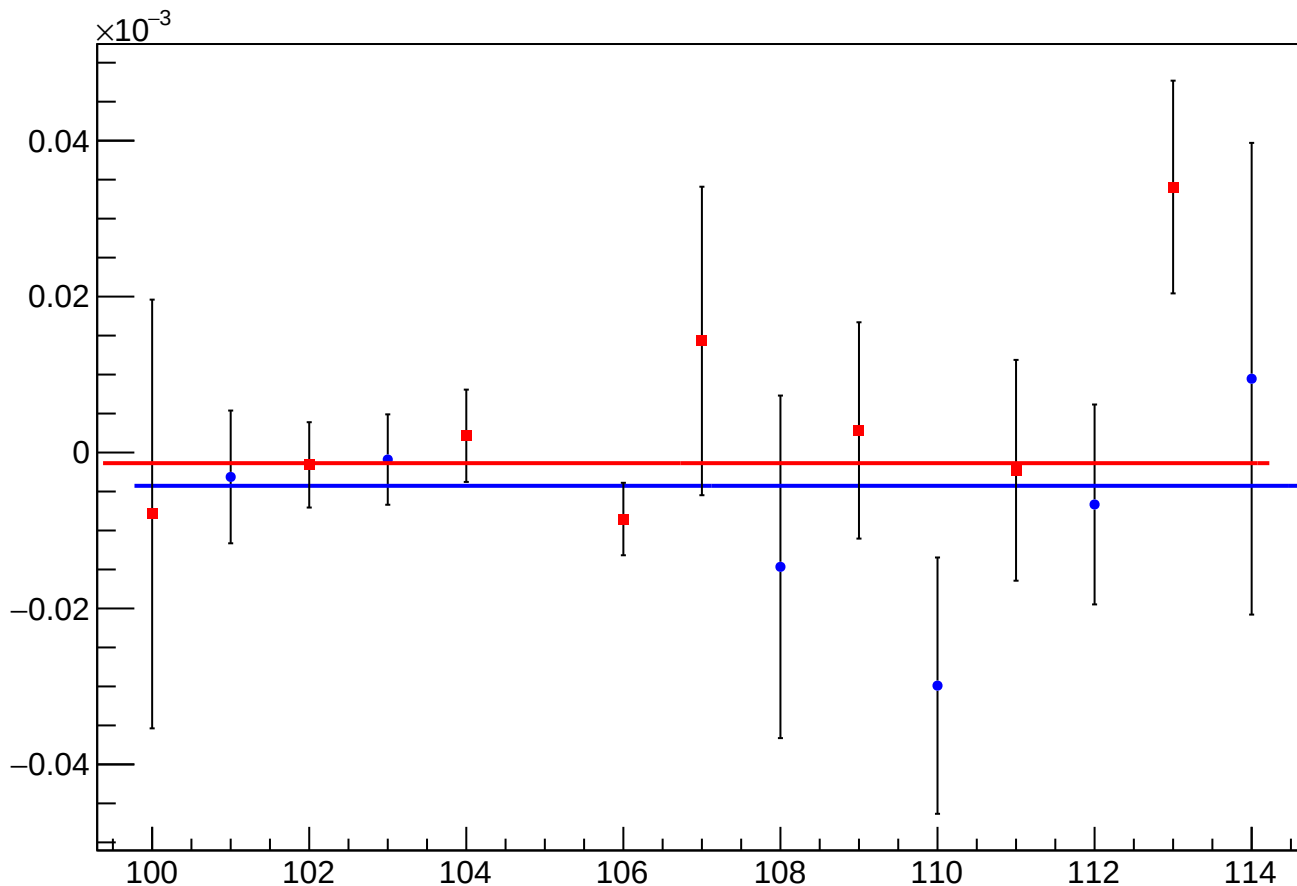
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 97.578 +/- 0.031 χ^2/NDF : 356229.8/13

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

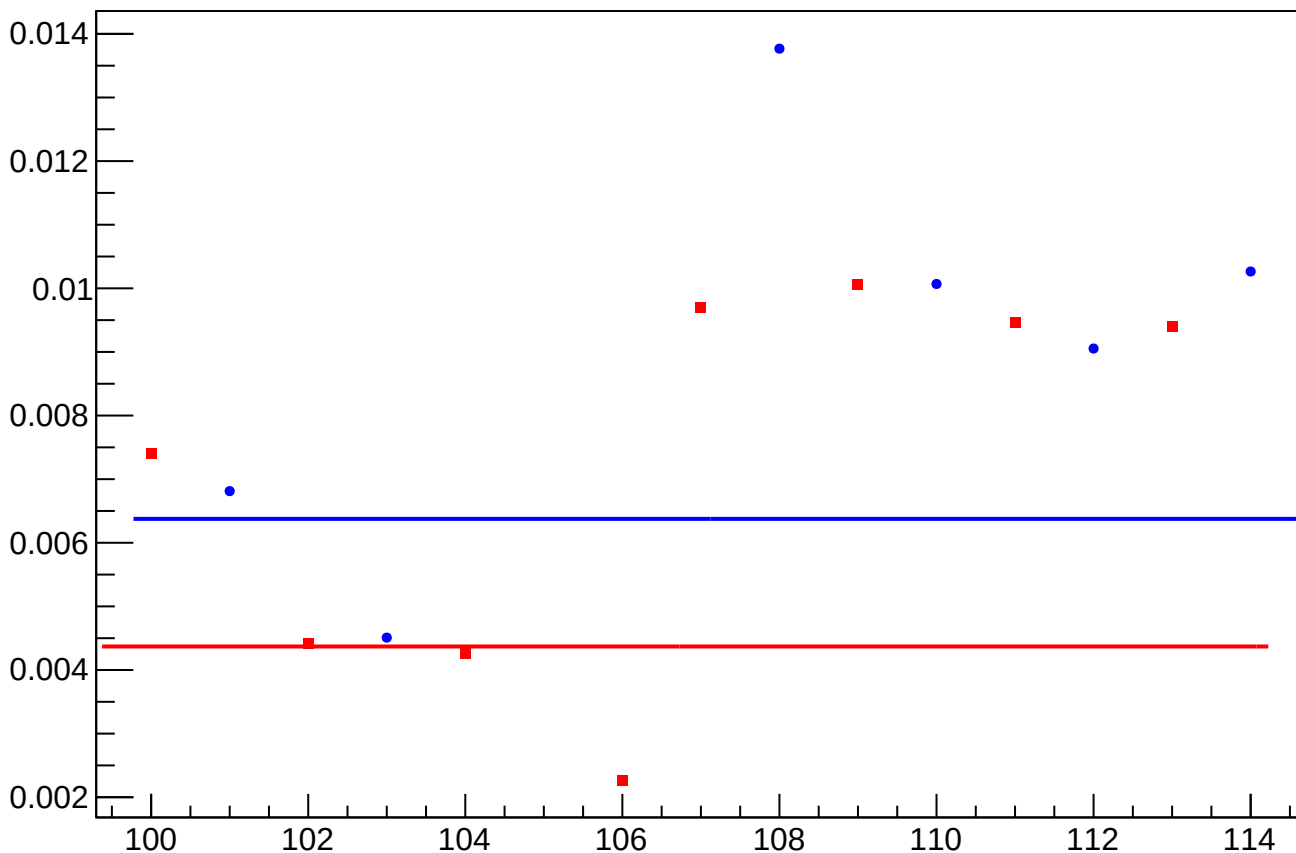
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 660378.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 1448033.6/7

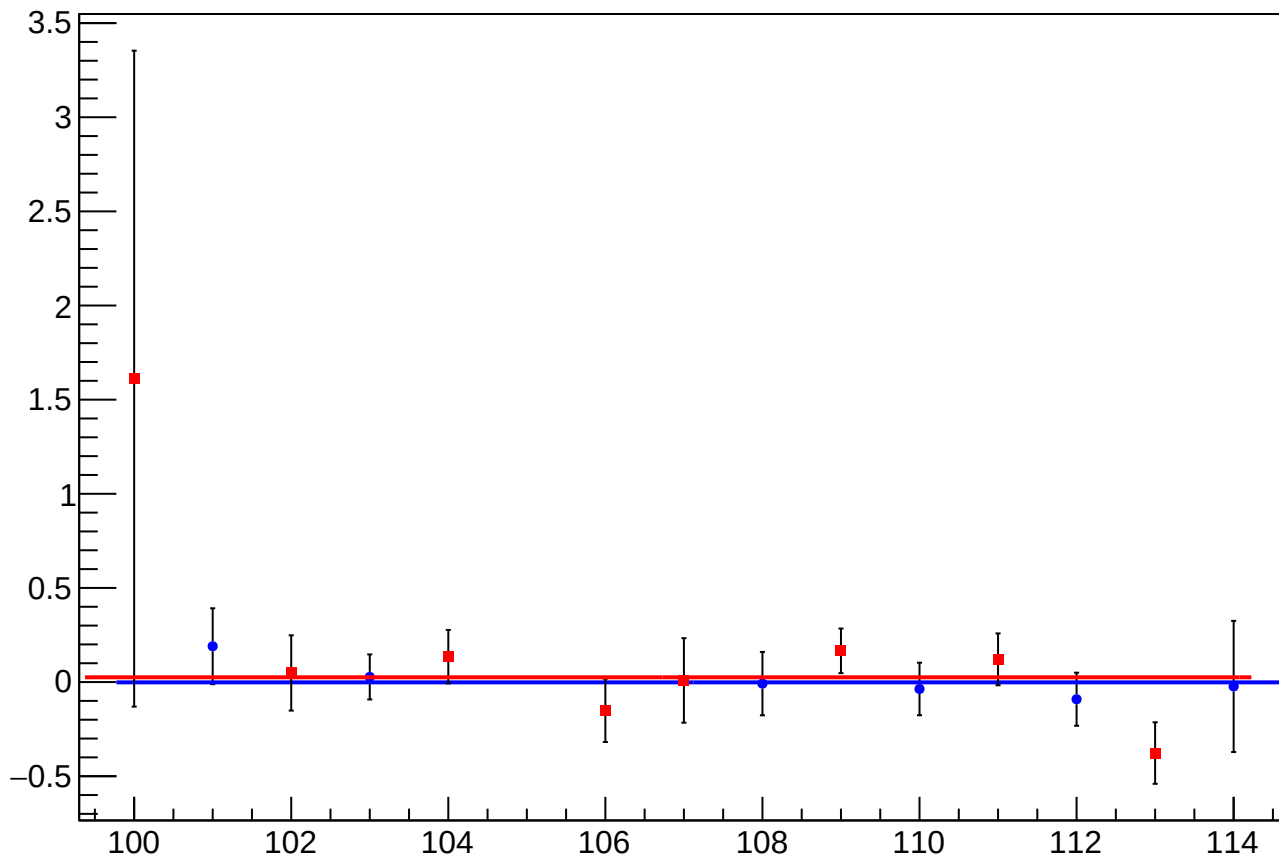
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

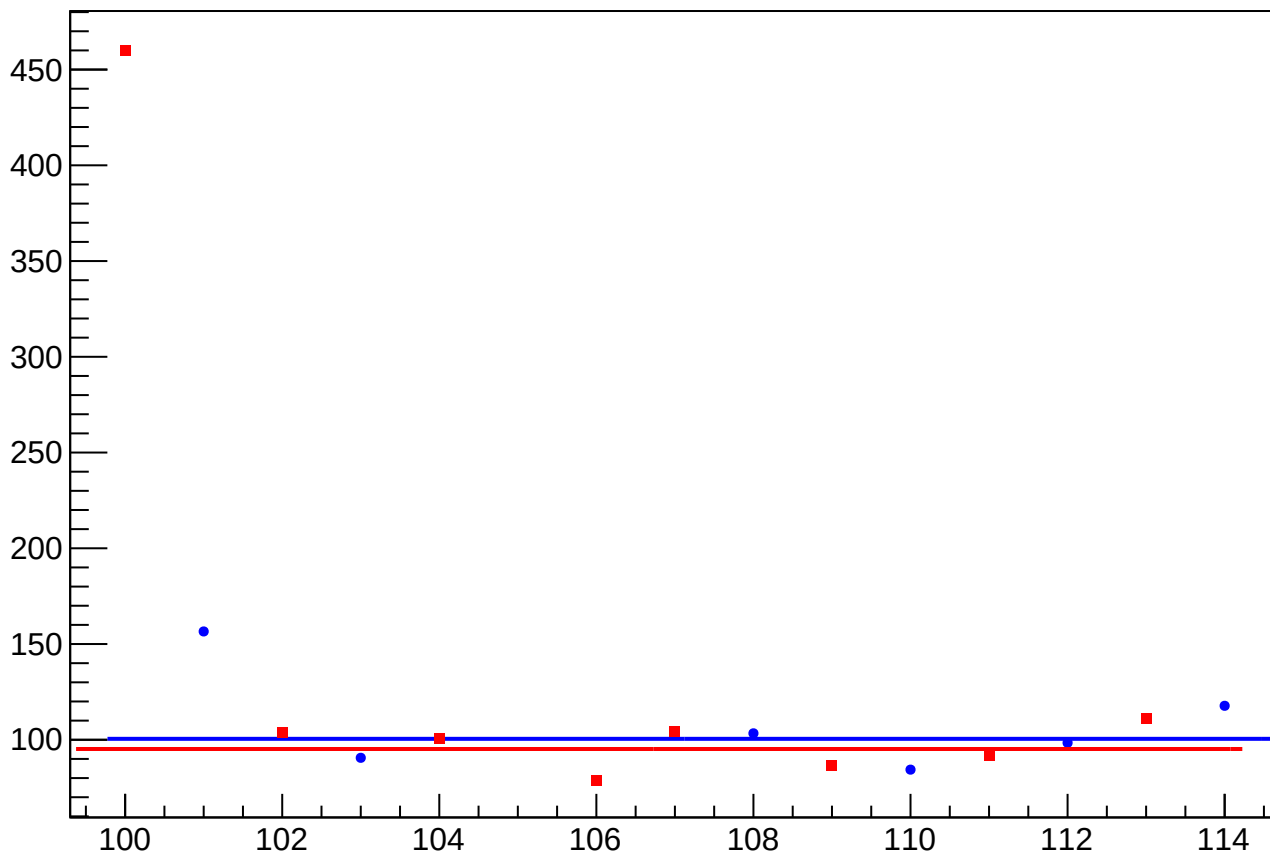
All: 0.005 $\pm$ 0.000 χ^2 /NDF: 2423710.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug



asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 100.495+/-0.046 χ^2/NDF : 201049.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.185+/-0.041 χ^2/NDF : 147712.8/7

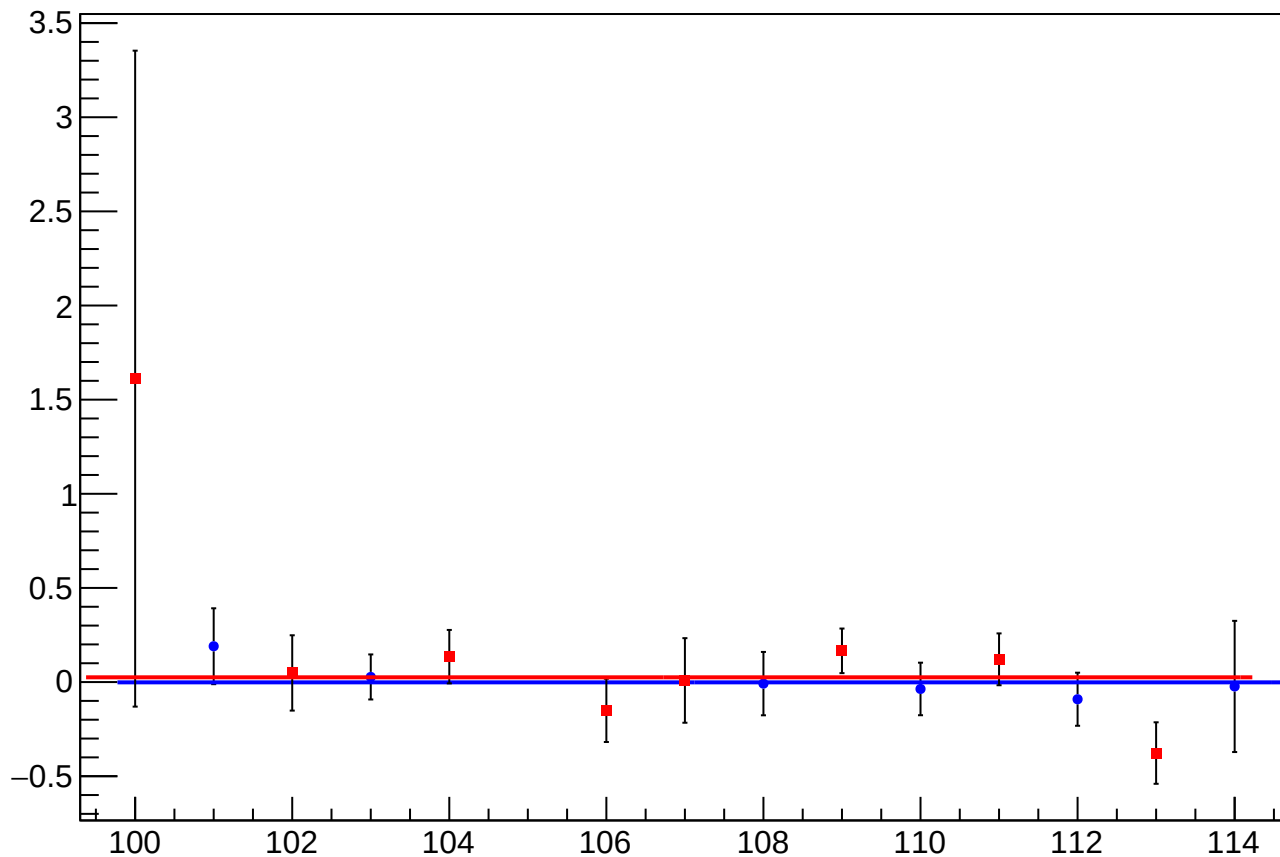
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.580+/-0.031 χ^2/NDF : 356182.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.065 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.059 χ^2 /NDF: 10.5/7

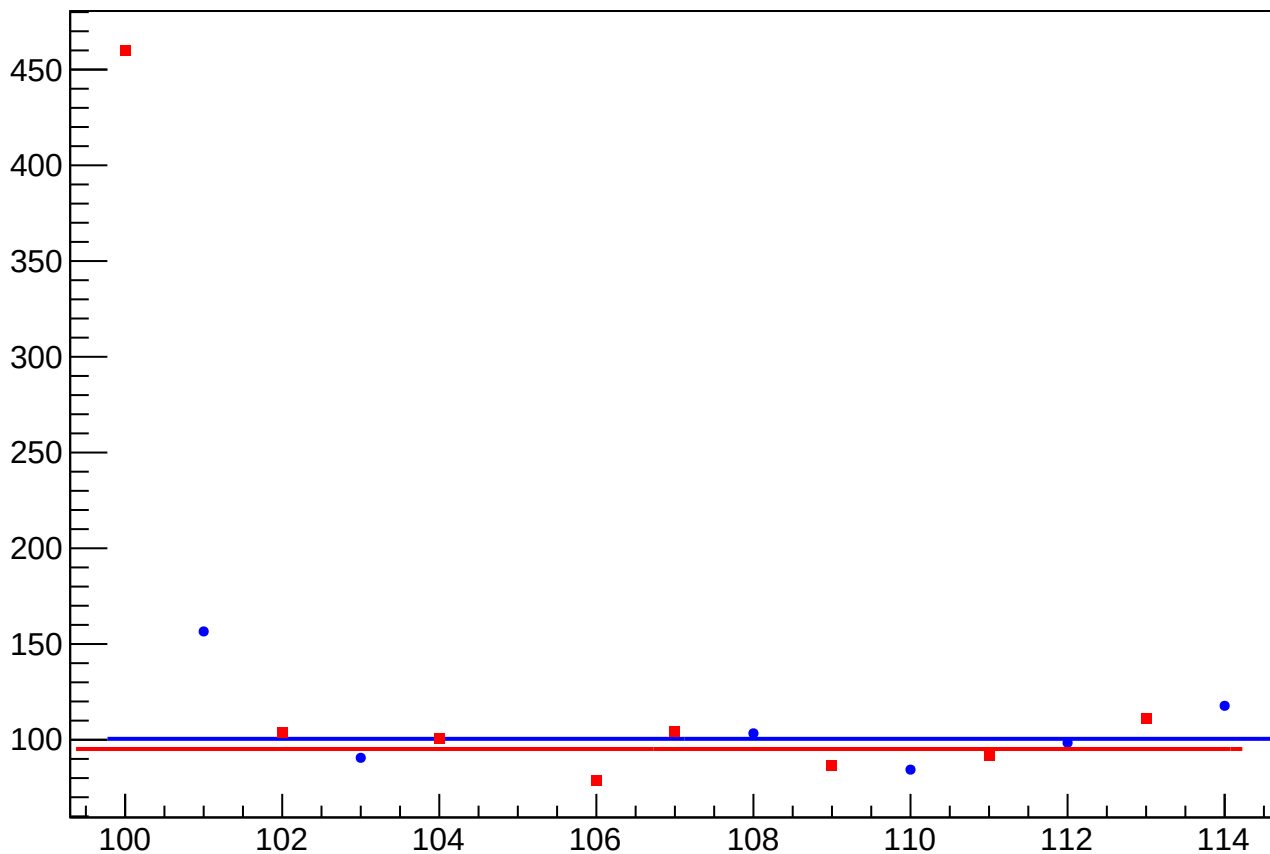
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.043 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 100.495+/-0.046 χ^2/NDF : 201049.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.185+/-0.041 χ^2/NDF : 147712.8/7

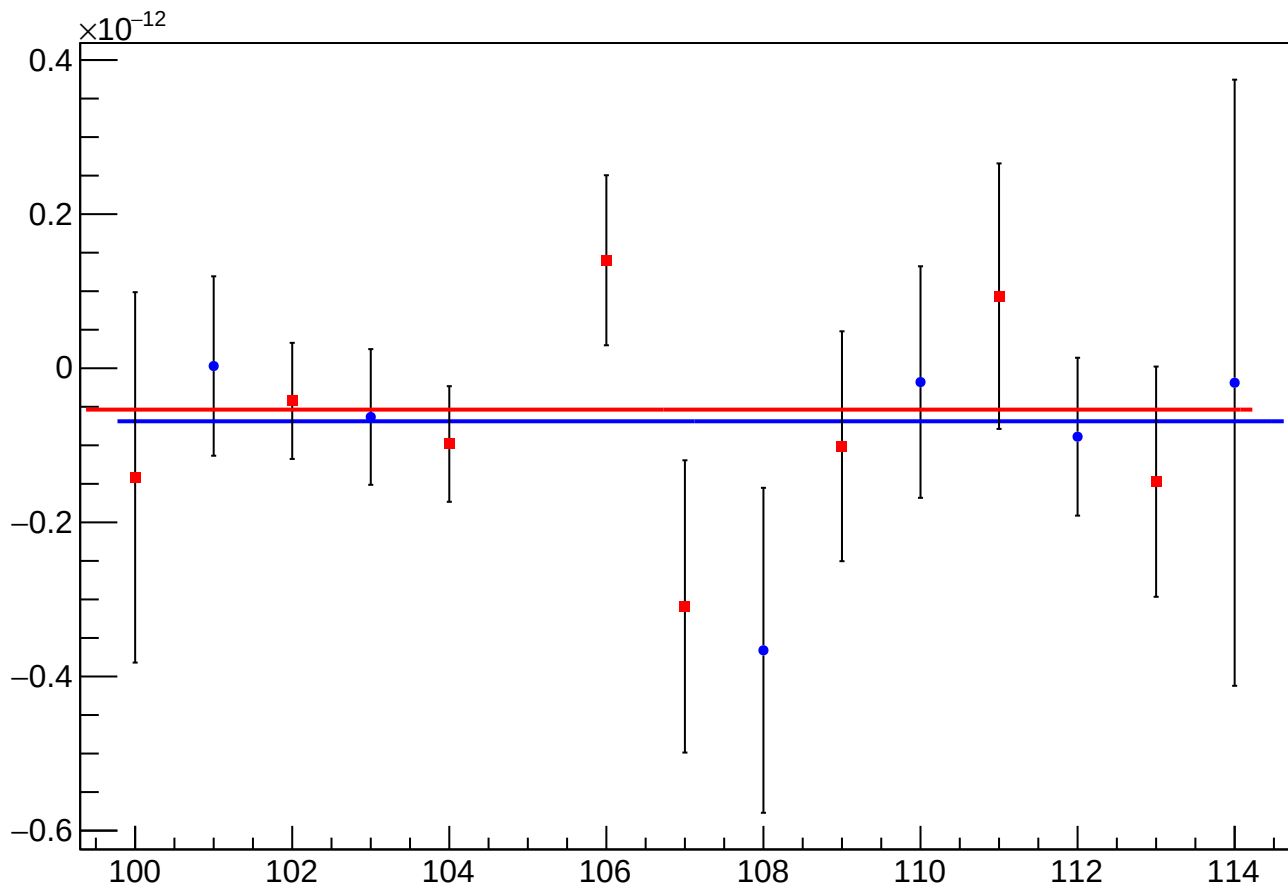
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.580+/-0.031 χ^2/NDF : 356182.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.6/7

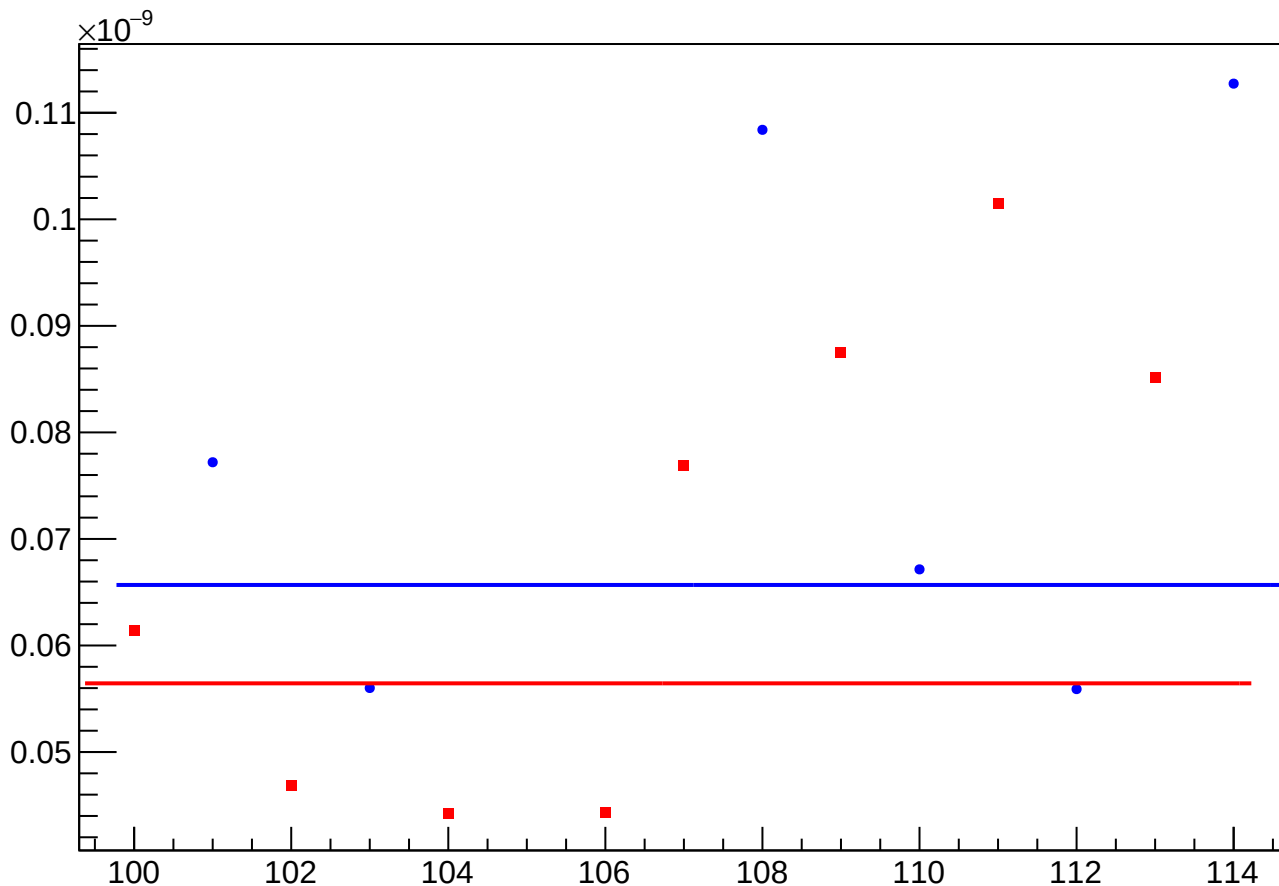
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 172807.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 430984.0/7

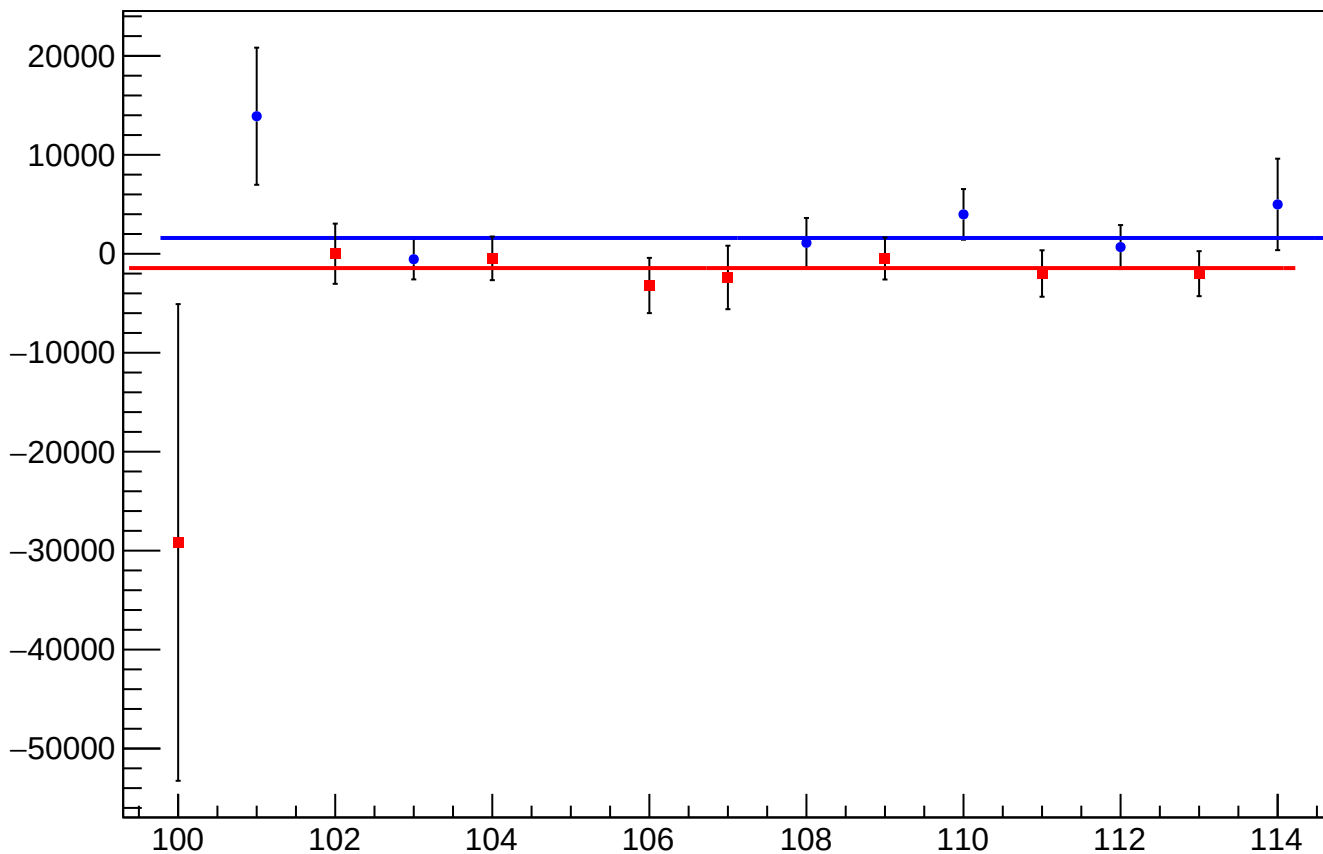
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 643030.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



Right In: 1599.019+/-1103.104 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1444.152+/-937.600 χ^2/NDF : 2.6/7

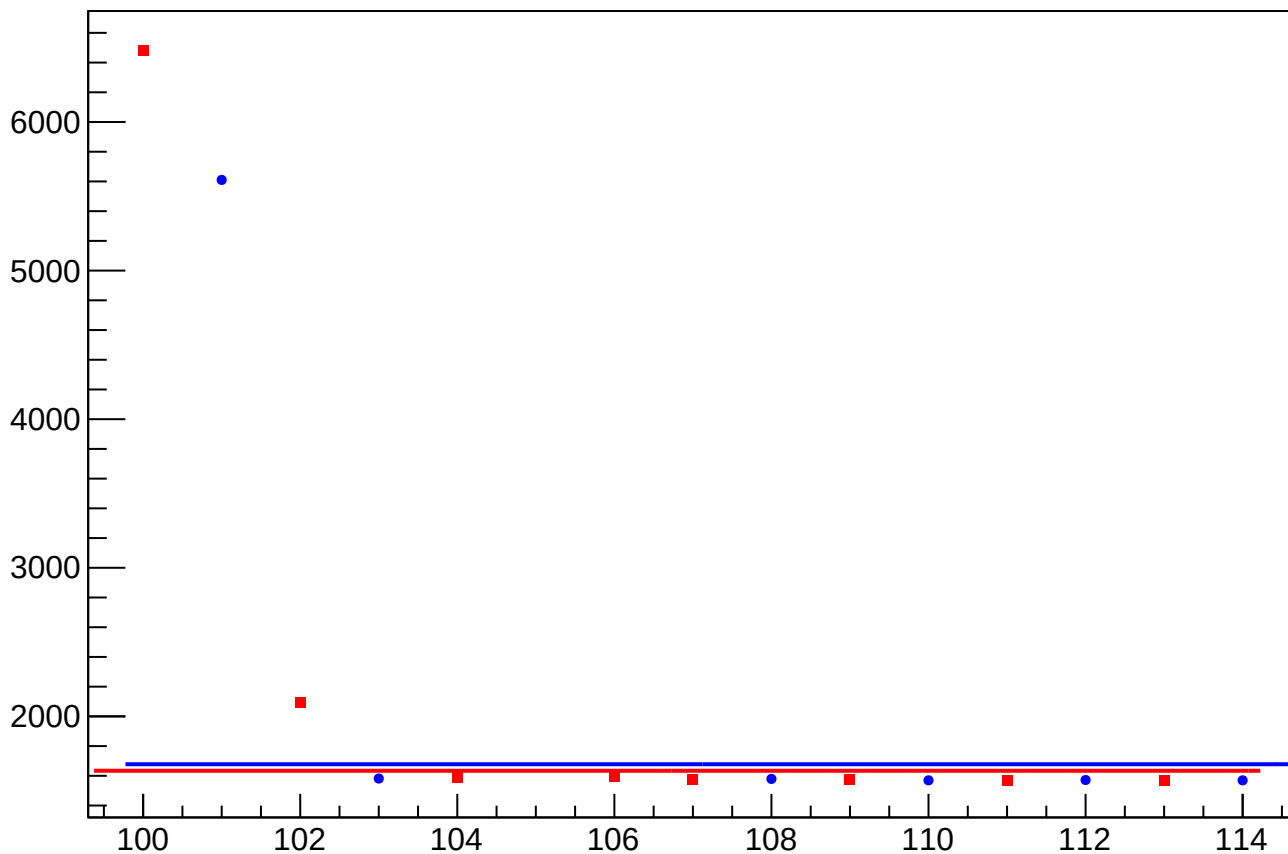
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.758+/-714.407 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1677.898 $\pm$ 0.780 χ^2 /NDF: 661008.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1634.073 $\pm$ 0.663 χ^2 /NDF: 133811.7/7

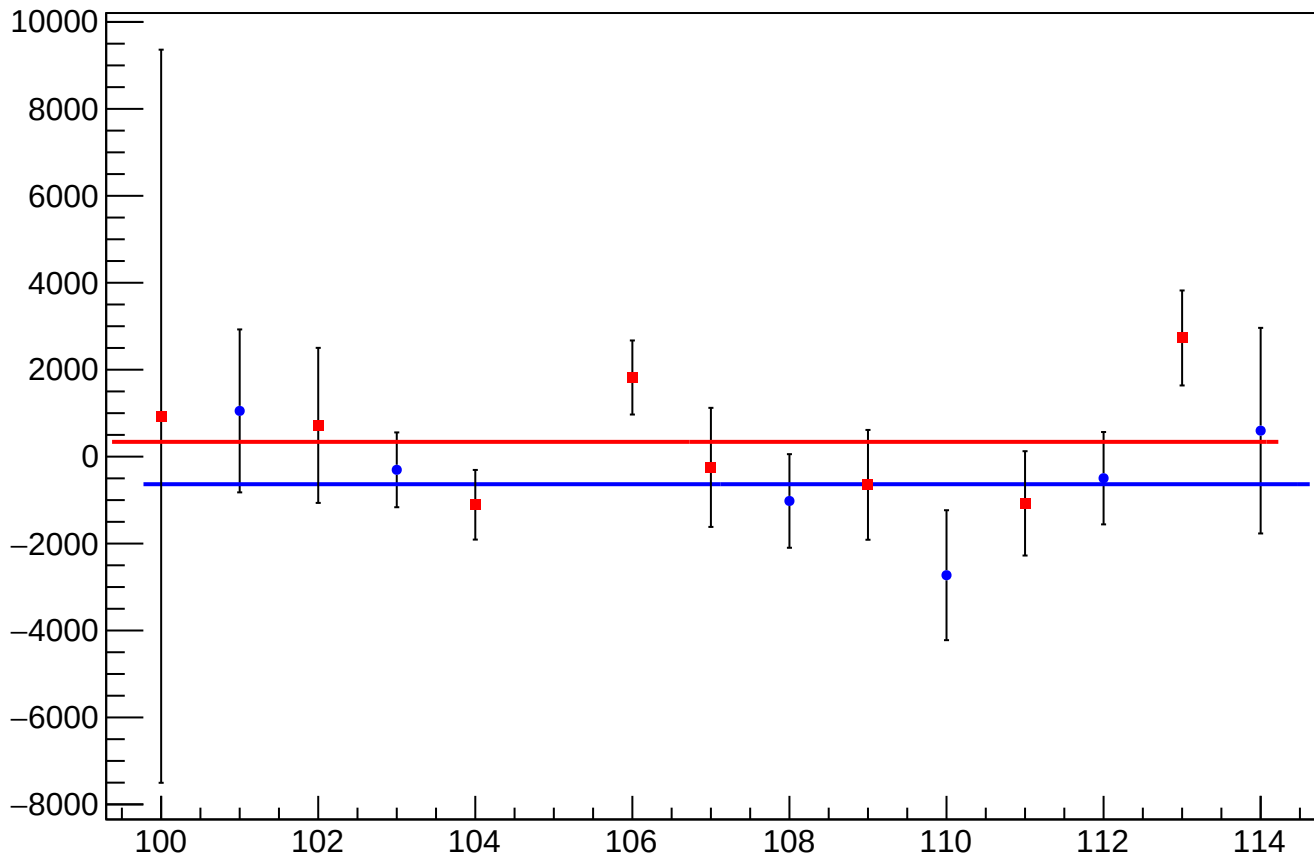
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1652.454 $\pm$ 0.505 χ^2 /NDF: 796652.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -634.386+/-499.374 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.943+/-409.732 χ^2/NDF : 13.3/7

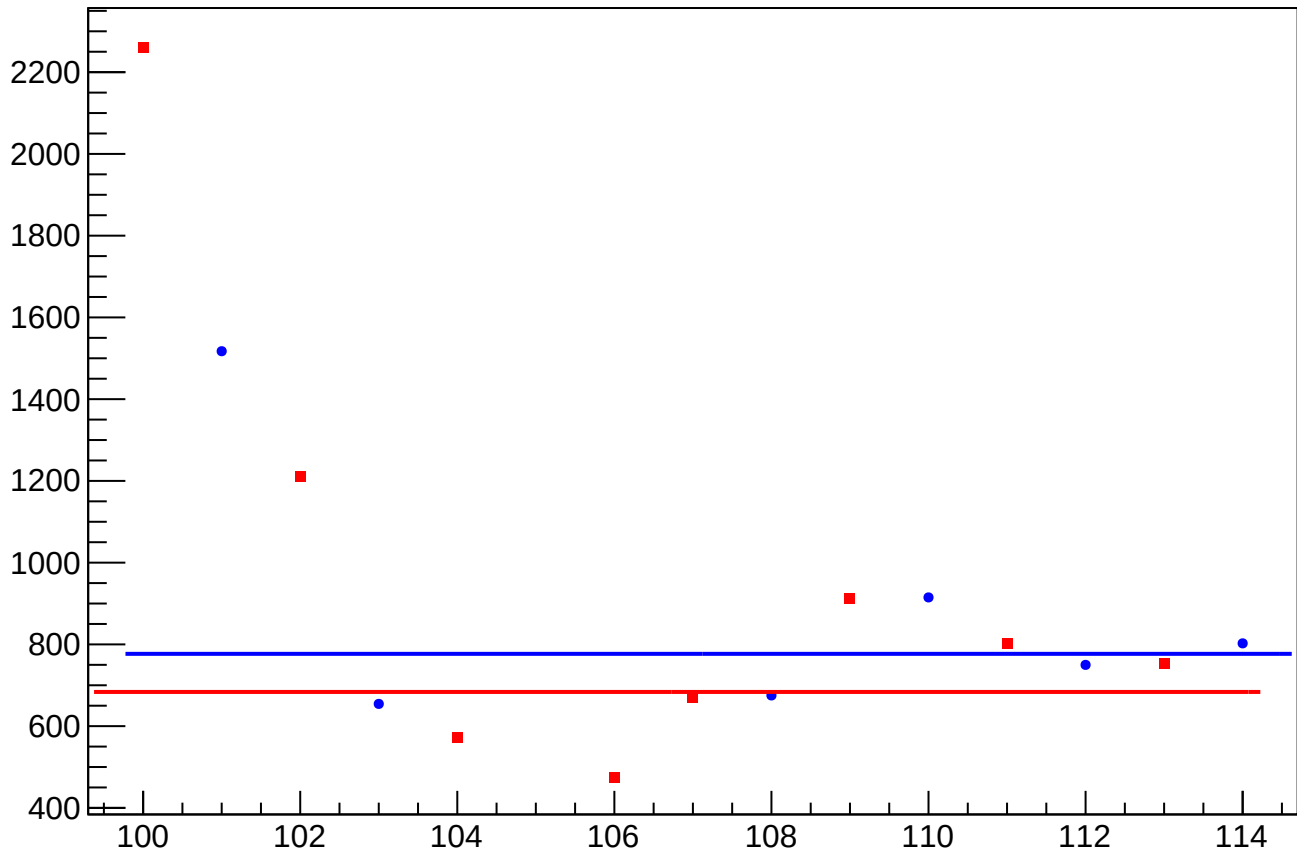
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.074+/-316.756 χ^2/NDF : 18.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 776.904 $\pm$ 0.353 χ^2 /NDF: 389045.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 683.678 $\pm$ 0.290 χ^2 /NDF: 496876.2/7

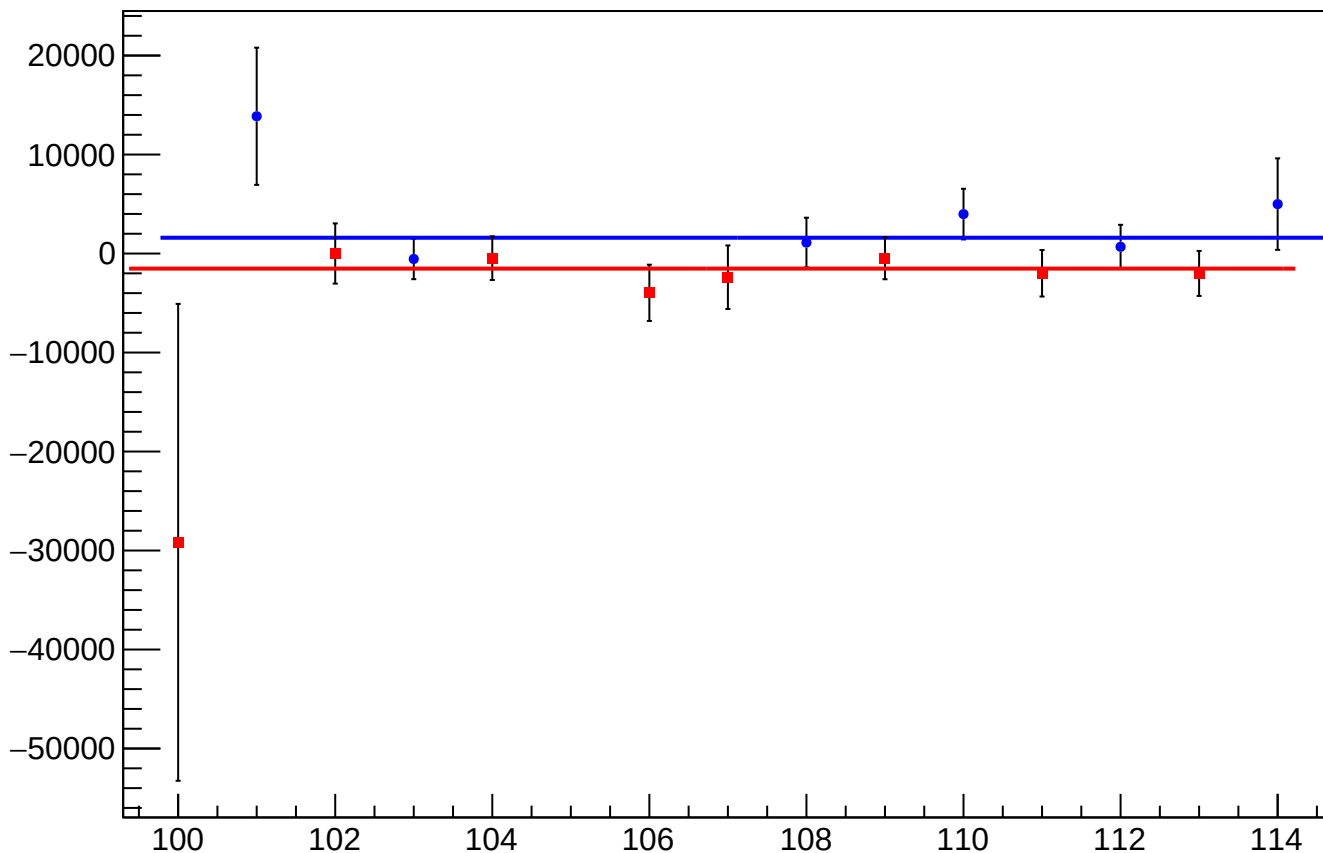
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 721.187 $\pm$ 0.224 χ^2 /NDF: 927580.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 1597.627 $\pm$ 1103.104 χ^2/NDF : 5.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1521.722 $\pm$ 939.427 χ^2/NDF : 2.9/7

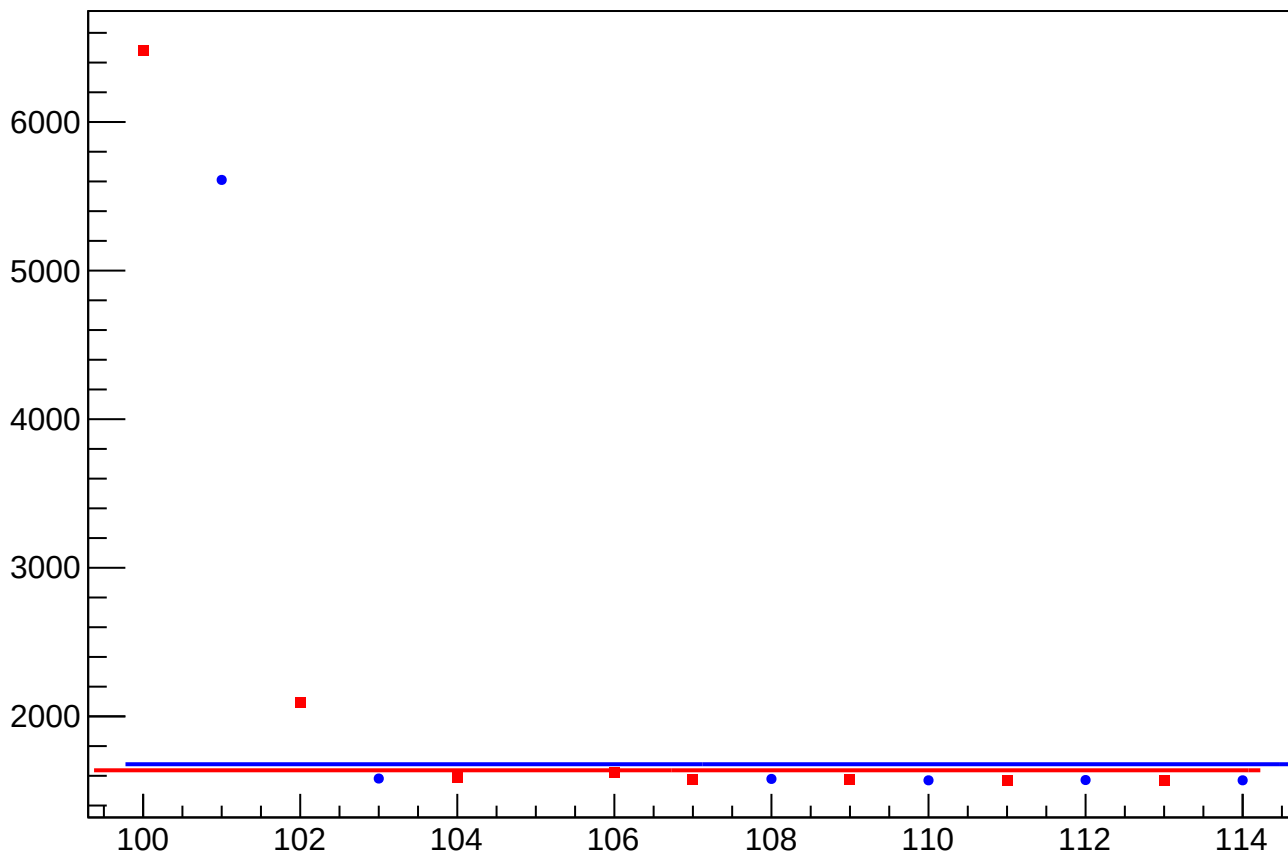
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -210.420 $\pm$ 715.214 χ^2/NDF : 13.4/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1677.898+/-0.780 χ^2/NDF : 661007.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1637.129+/-0.664 χ^2/NDF : 133415.3/7

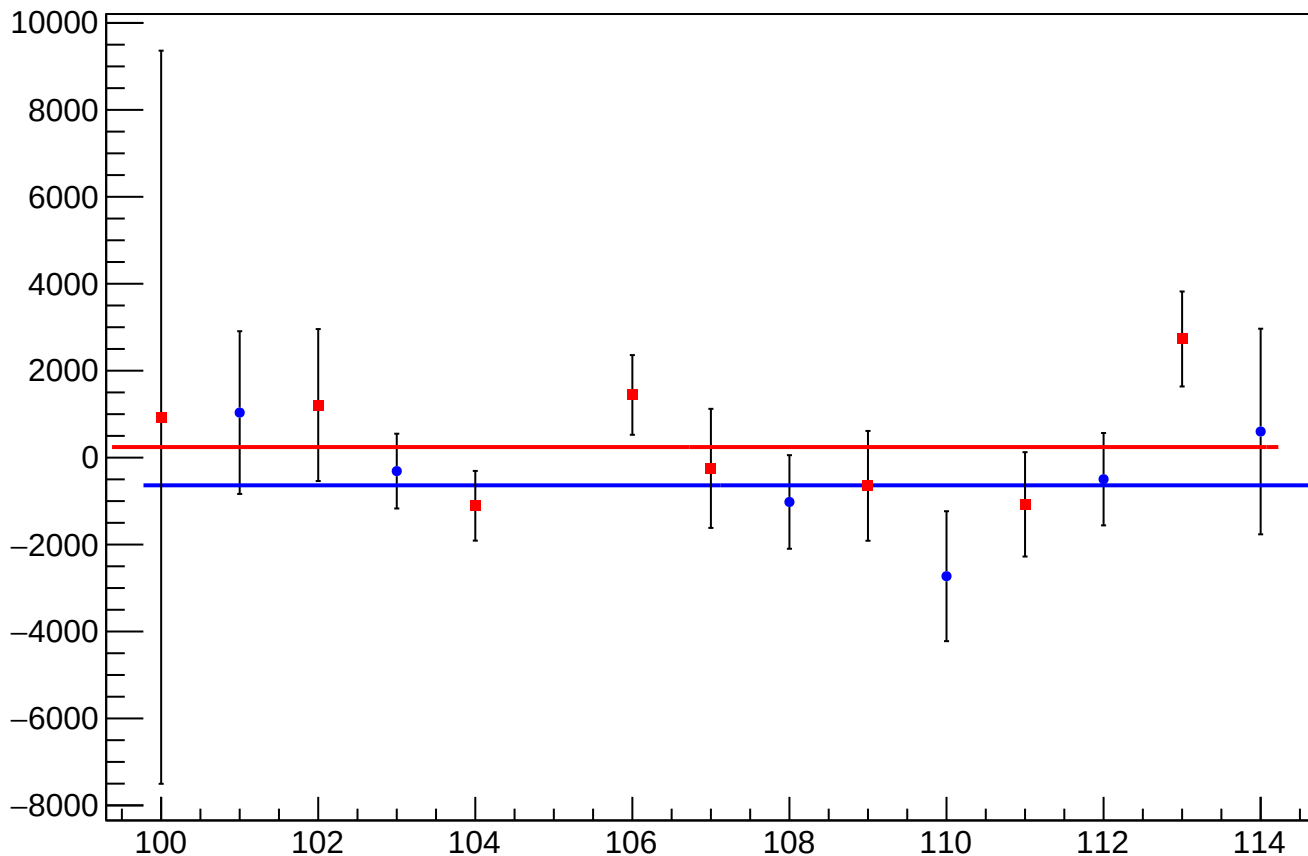
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.267+/-0.506 χ^2/NDF : 796006.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -637.076+/-499.231 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.142+/-416.012 χ^2/NDF : 11.9/7

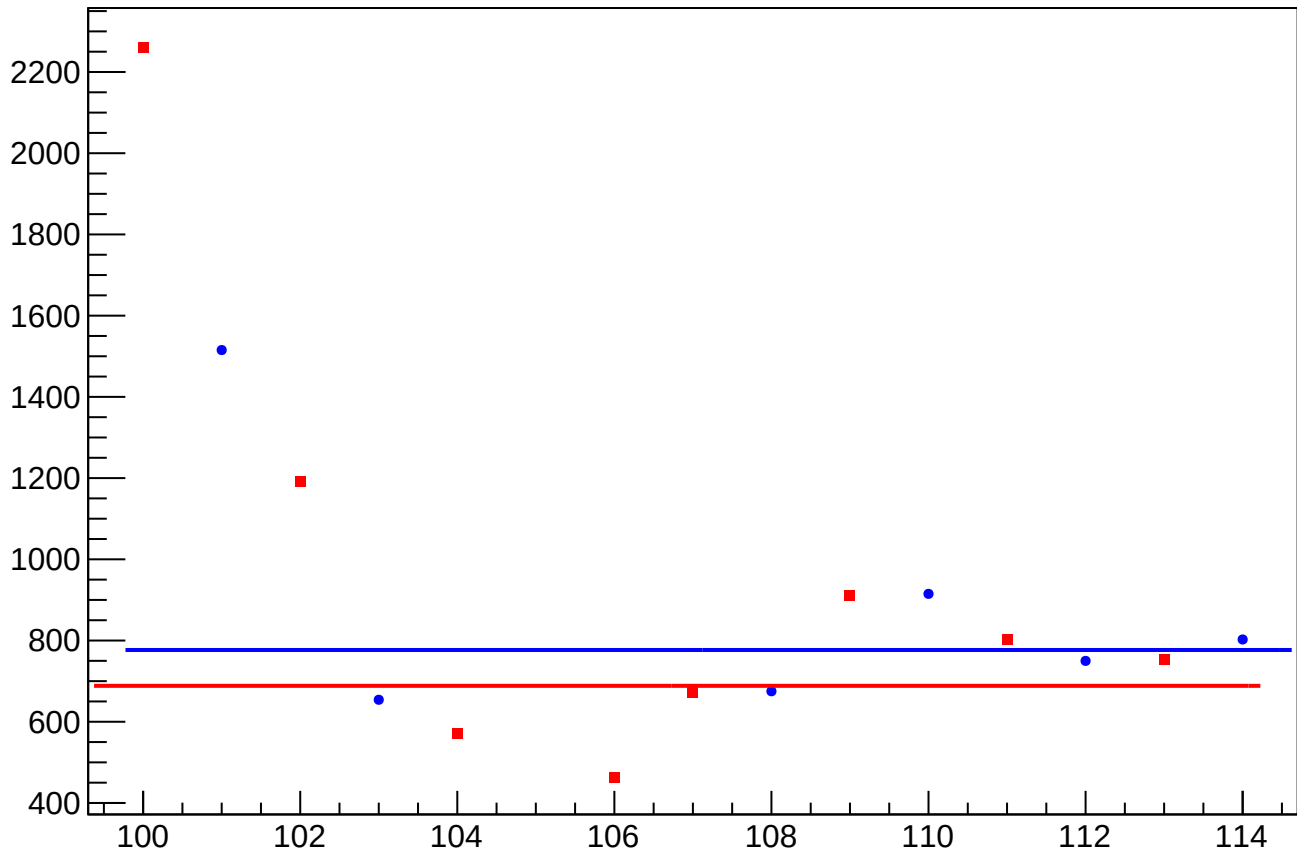
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.589+/-319.593 χ^2/NDF : 17.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 776.752 $\pm$ 0.353 χ^2 /NDF: 388463.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 688.486 $\pm$ 0.294 χ^2 /NDF: 485751.3/7

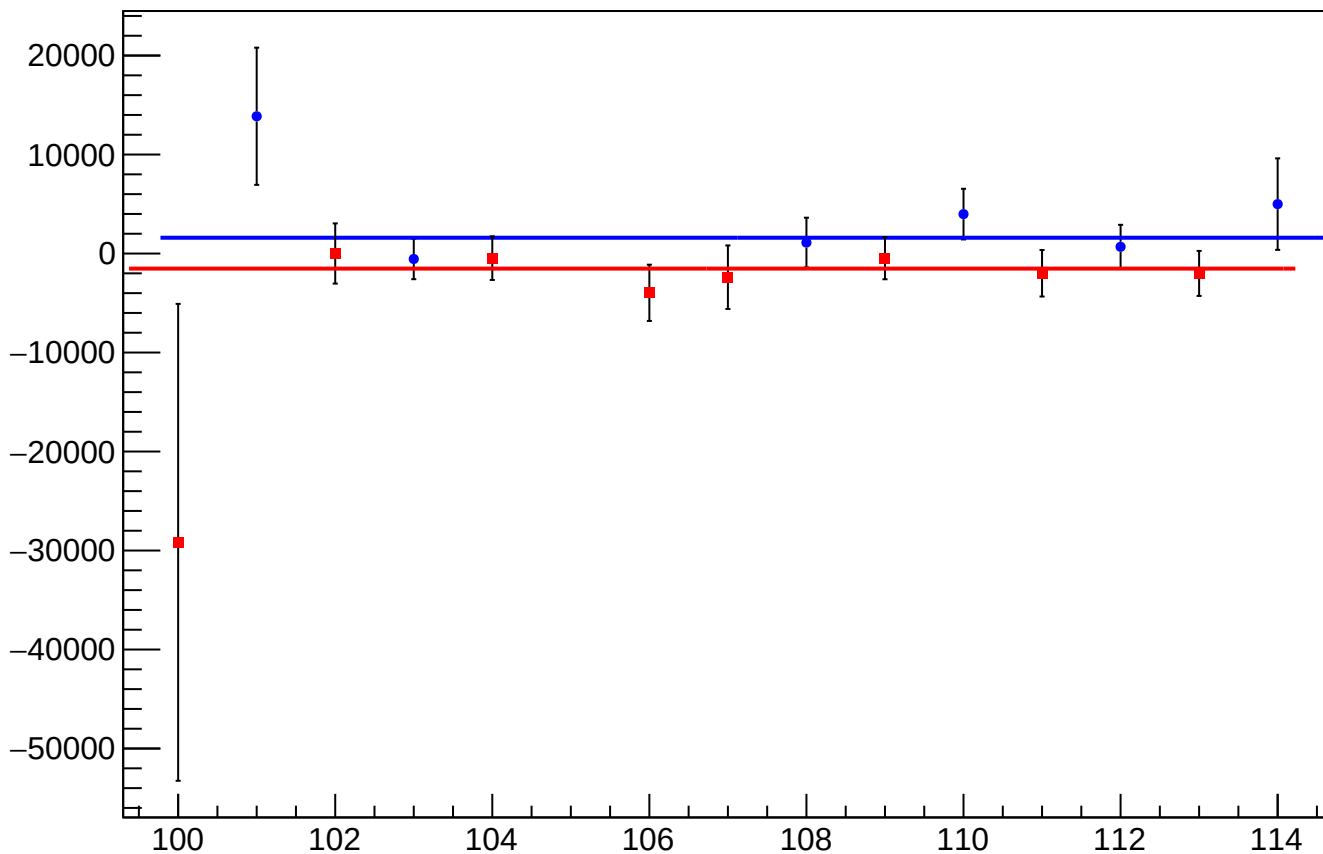
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 724.659 $\pm$ 0.226 χ^2 /NDF: 911112.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 1597.627 $\pm$ 1103.104 χ^2/NDF : 5.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1521.722 $\pm$ 939.427 χ^2/NDF : 2.9/7

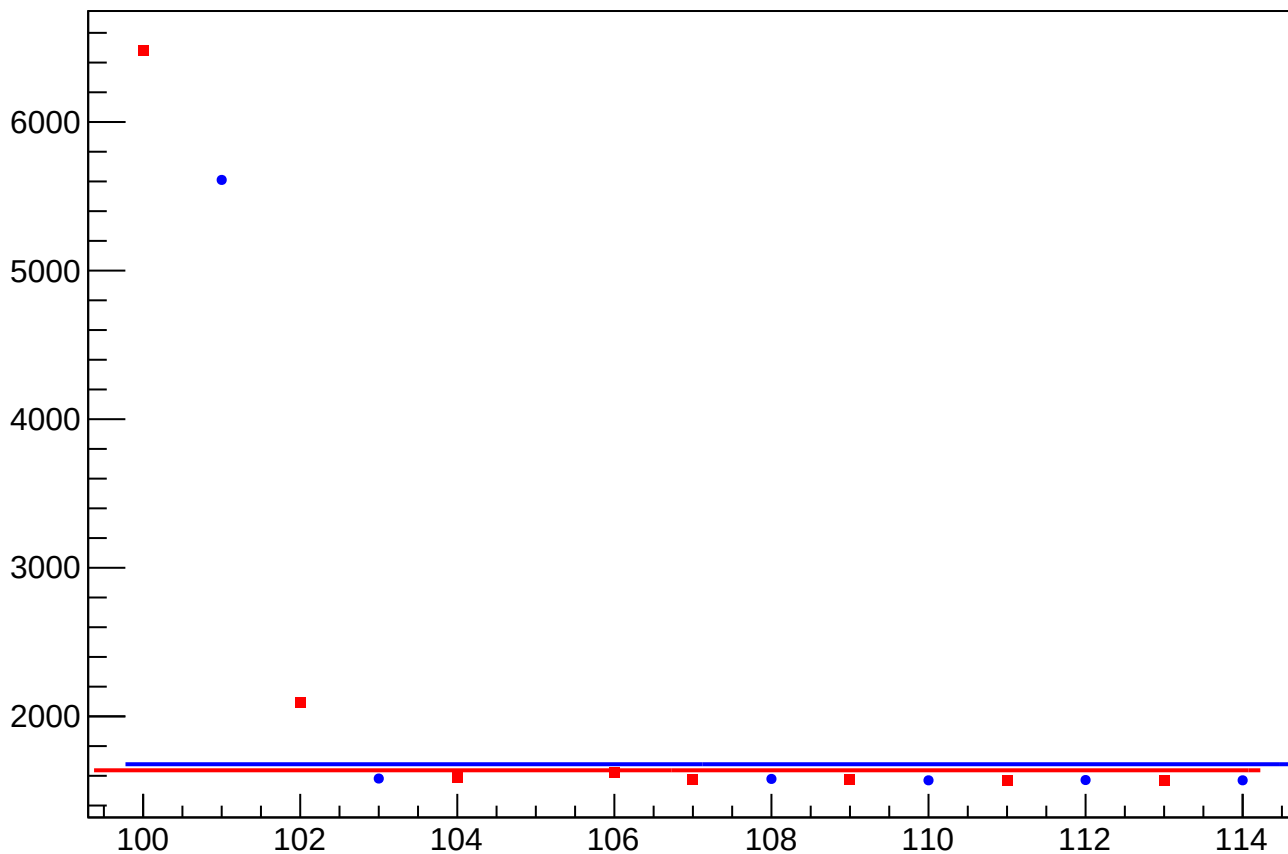
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -210.420 $\pm$ 715.214 χ^2/NDF : 13.4/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1677.898 $\pm$ 0.780 χ^2 /NDF: 661007.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1637.129 $\pm$ 0.664 χ^2 /NDF: 133415.3/7

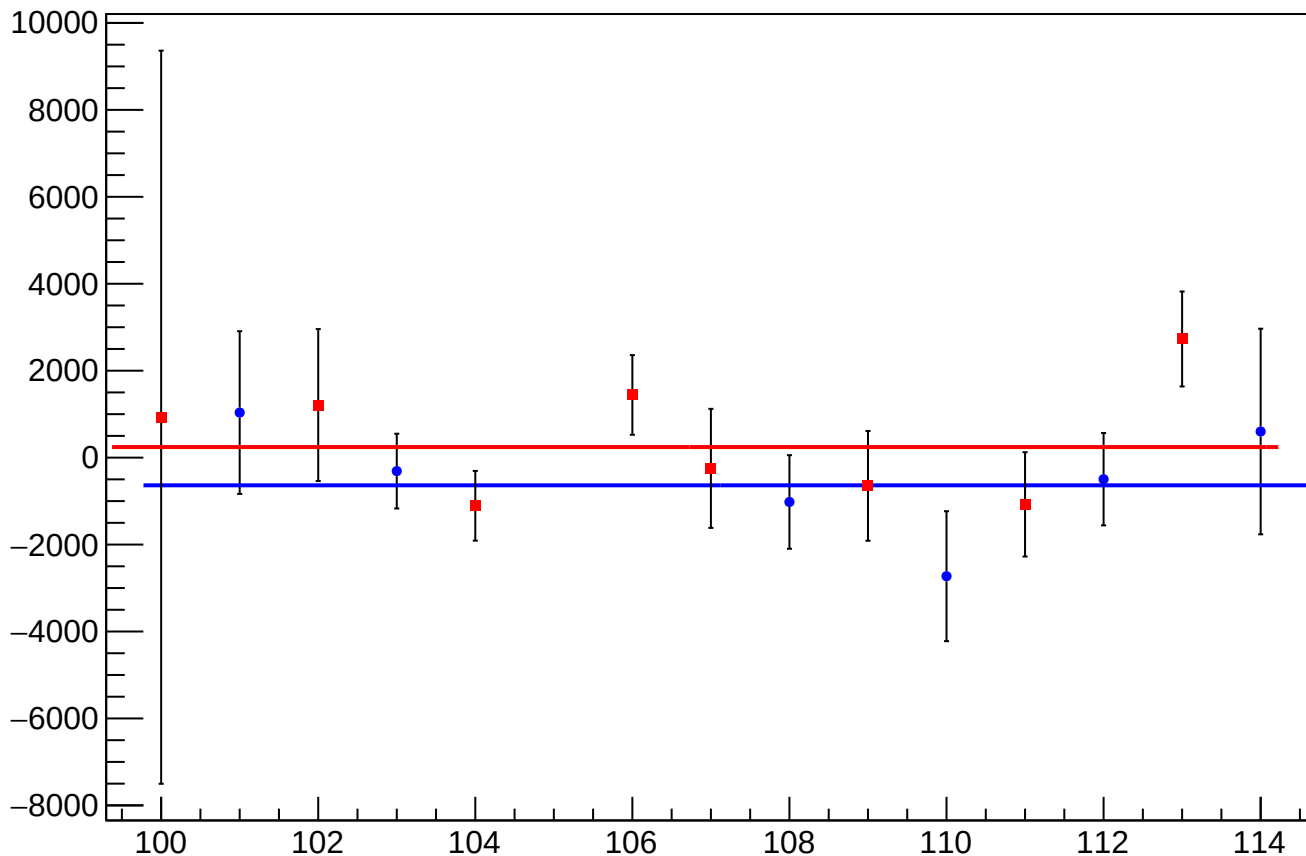
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1654.267 $\pm$ 0.506 χ^2 /NDF: 796006.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



Right In: -637.076+/-499.231 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.142+/-416.012 χ^2/NDF : 11.9/7

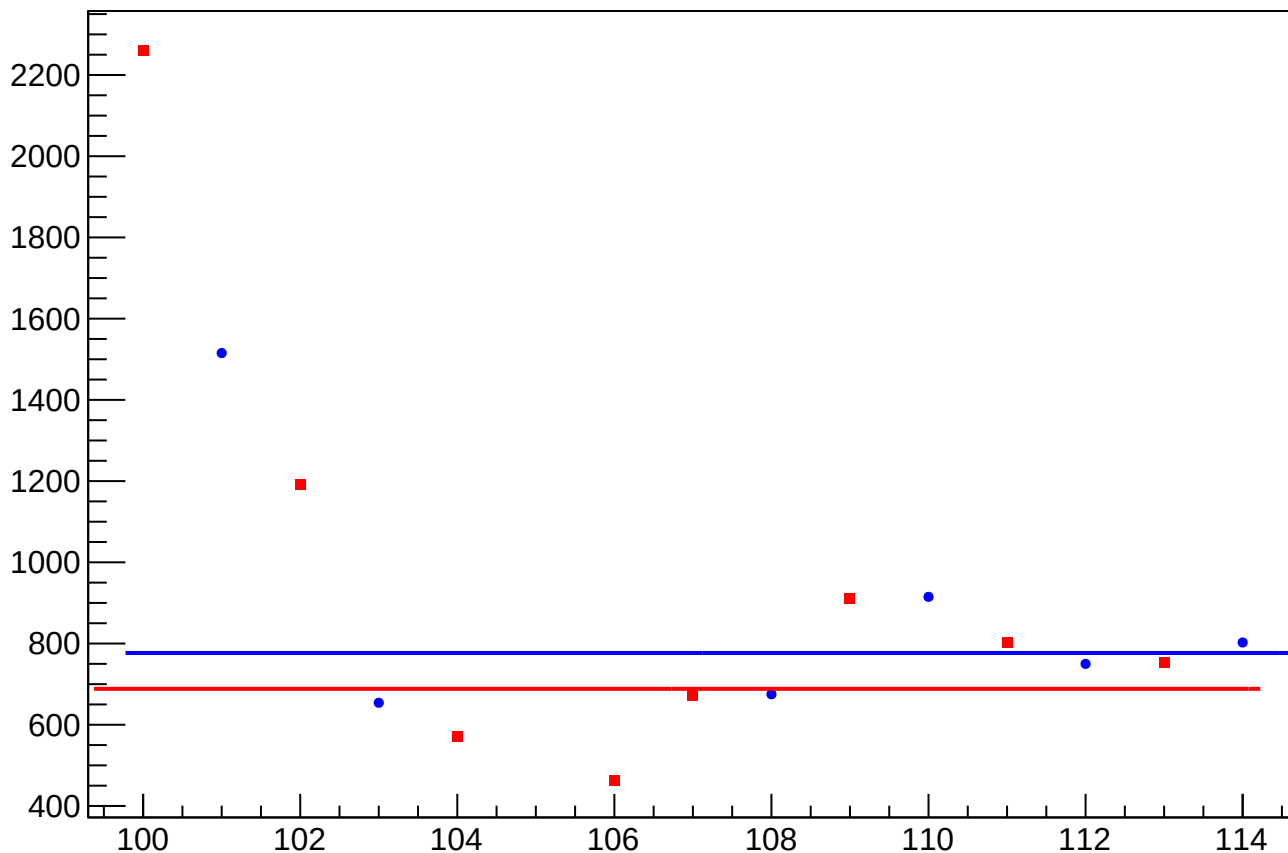
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.589+/-319.593 χ^2/NDF : 17.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 776.752 $\pm$ 0.353 χ^2 /NDF: 388463.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 688.486 $\pm$ 0.294 χ^2 /NDF: 485751.3/7

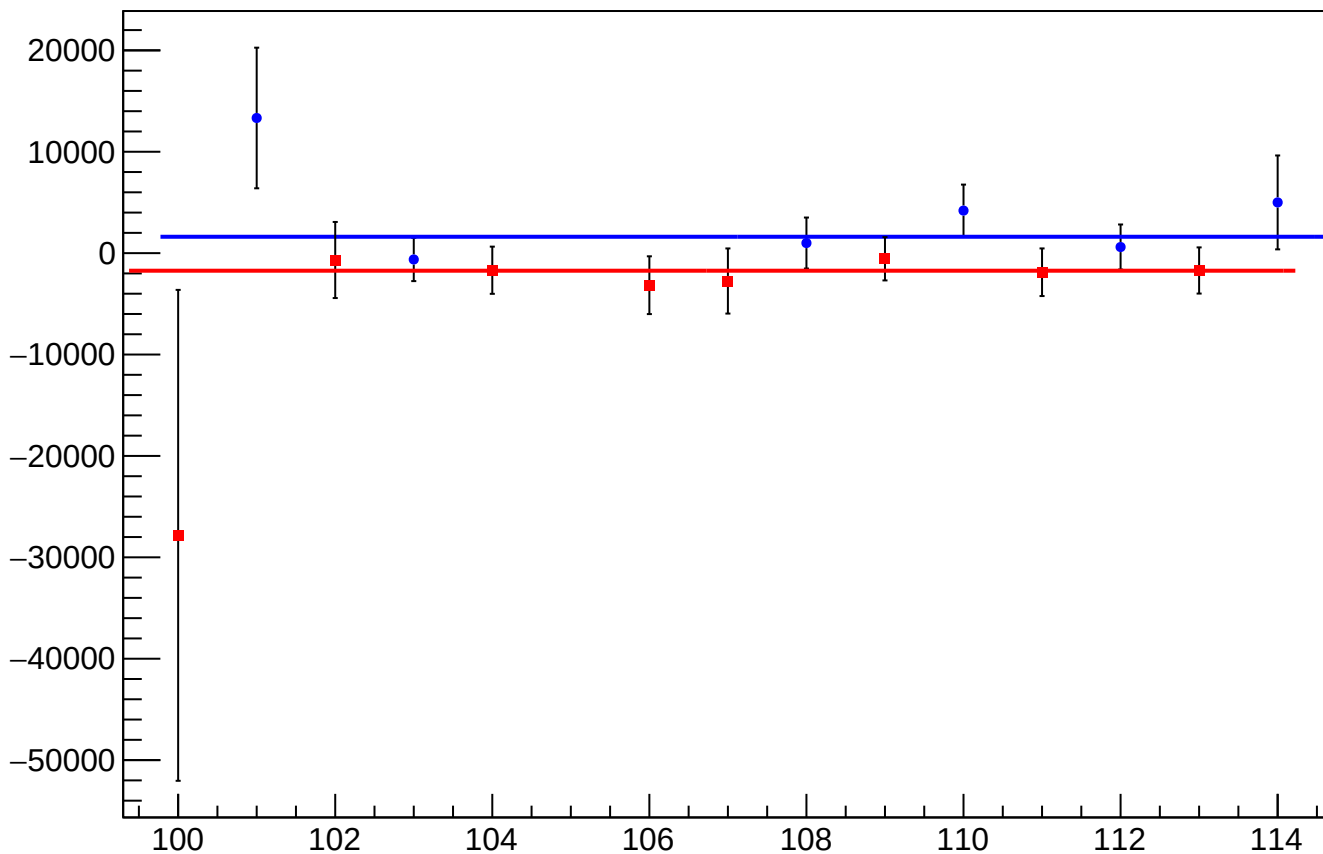
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 724.659 $\pm$ 0.226 χ^2 /NDF: 911112.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 1616.363+/-1118.274 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1732.221+/-966.225 χ^2/NDF : 1.9/7

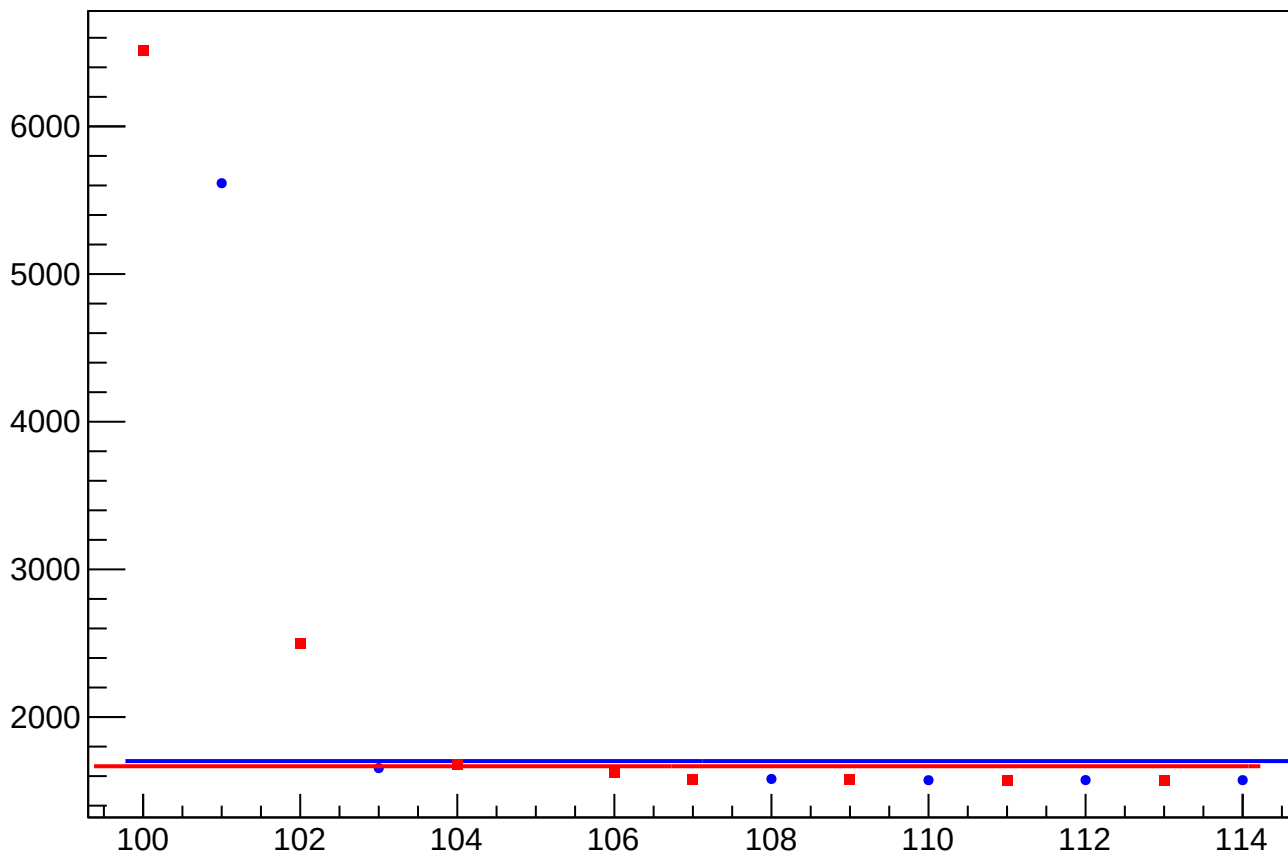
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.891+/-731.118 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1701.858 $\pm$ 0.791 χ^2 /NDF: 655875.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

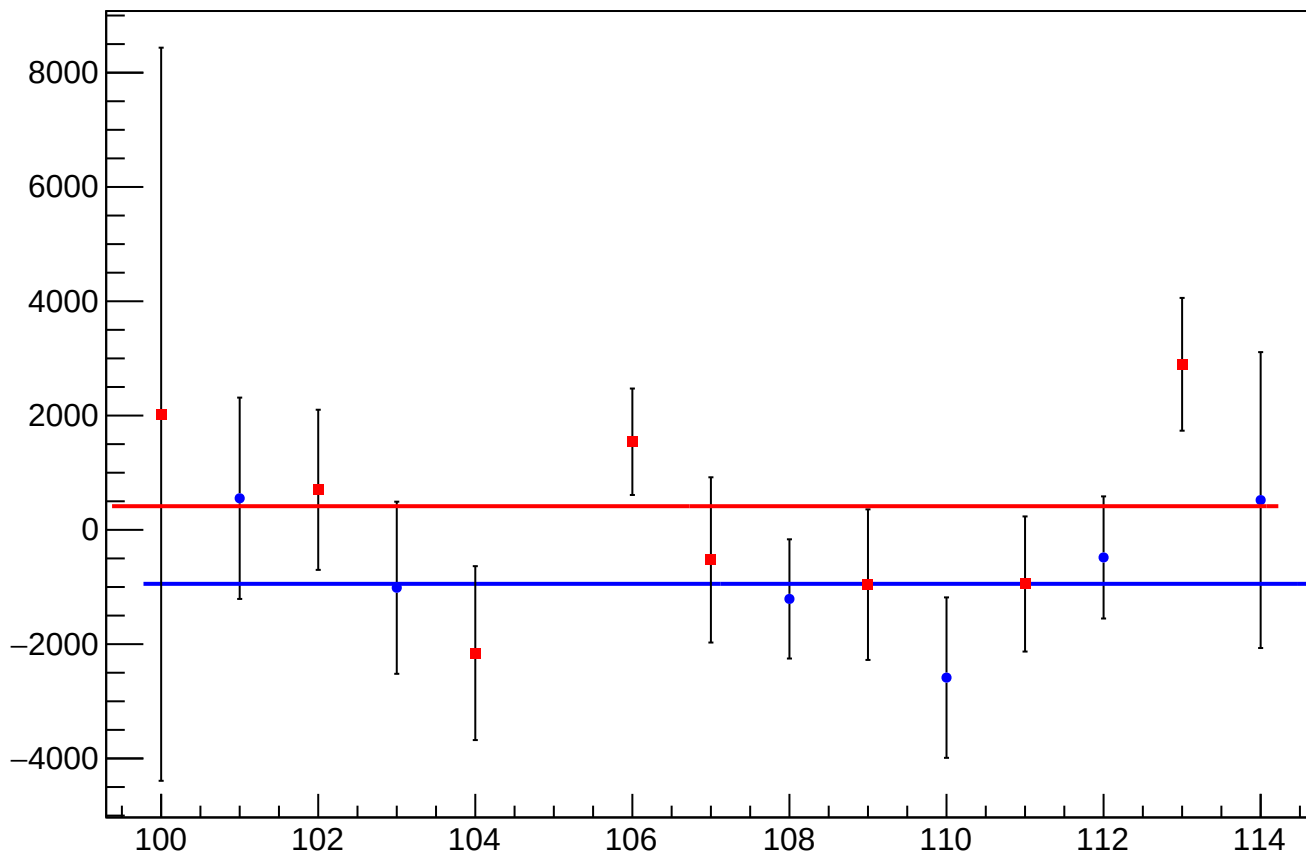
Right Out: 1666.890 $\pm$ 0.683 χ^2 /NDF: 190237.6/7

All: 1681.837 $\pm$ 0.517 χ^2 /NDF: 847232.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -944.426+/-557.730 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.063+/-464.760 χ^2/NDF : 11.8/7

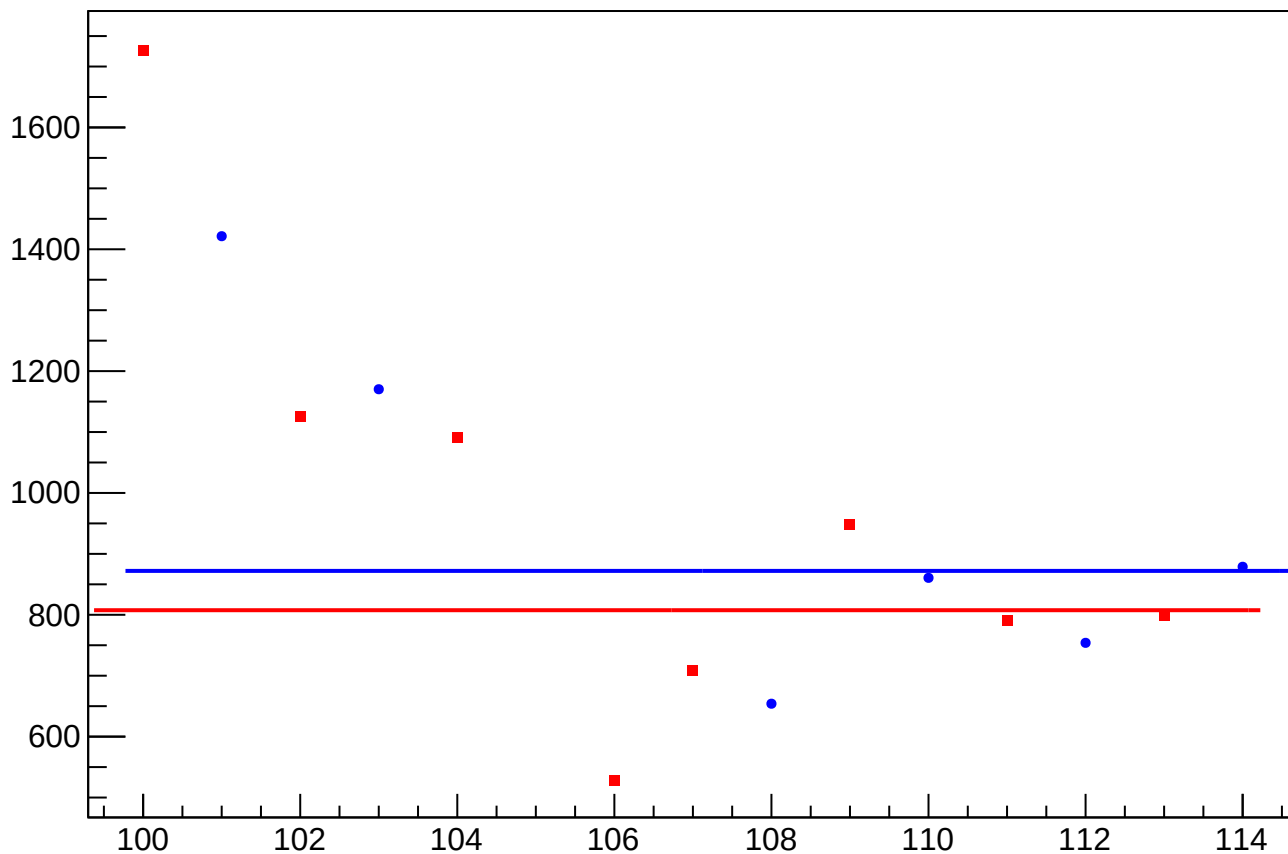
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.674+/-357.043 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 872.047+/-0.394 χ^2/NDF : 384917.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.514+/-0.329 χ^2/NDF : 426413.6/7

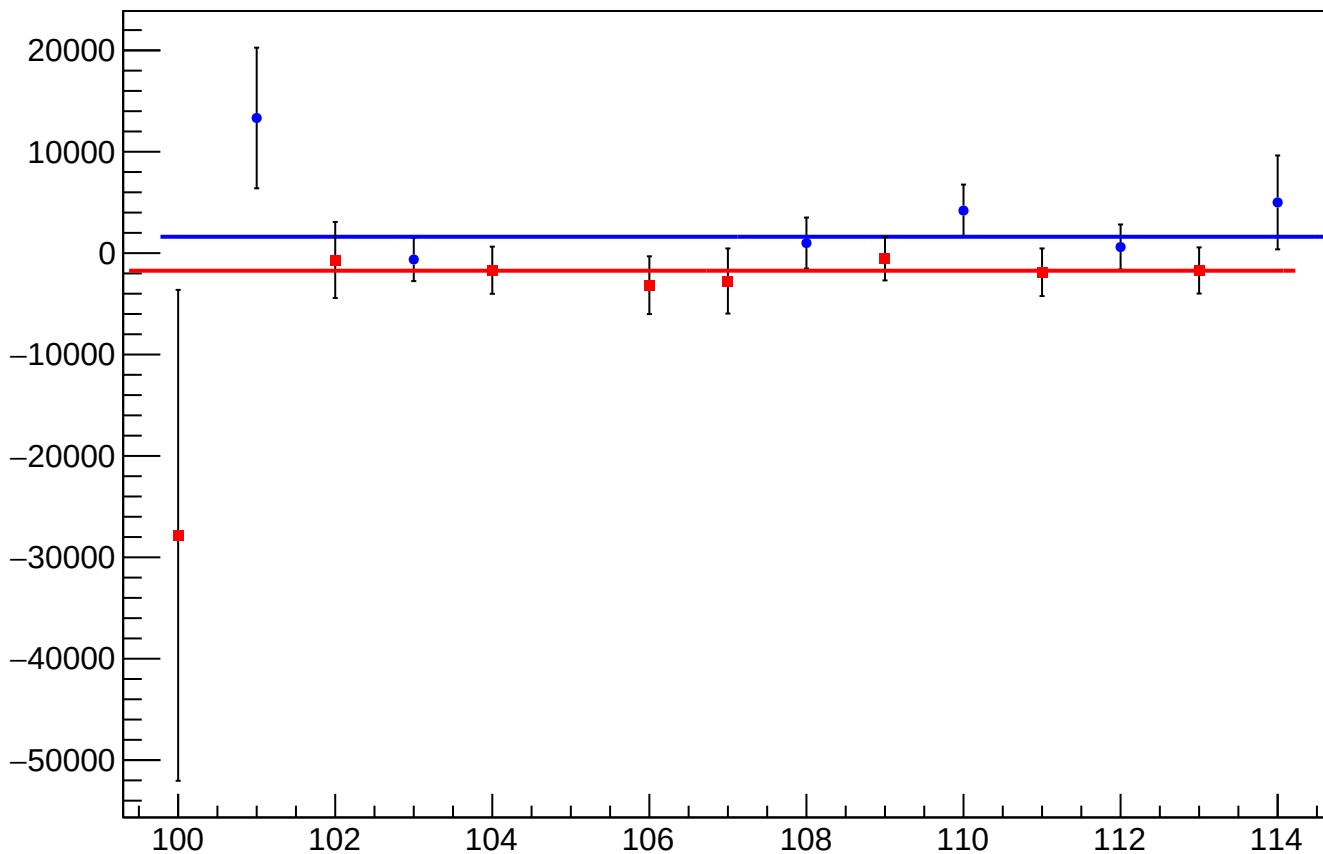
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.961+/-0.252 χ^2/NDF : 827134.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 1616.365 $\pm$ 1118.274 χ^2/NDF : 5.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1732.220 $\pm$ 966.225 χ^2/NDF : 1.9/7

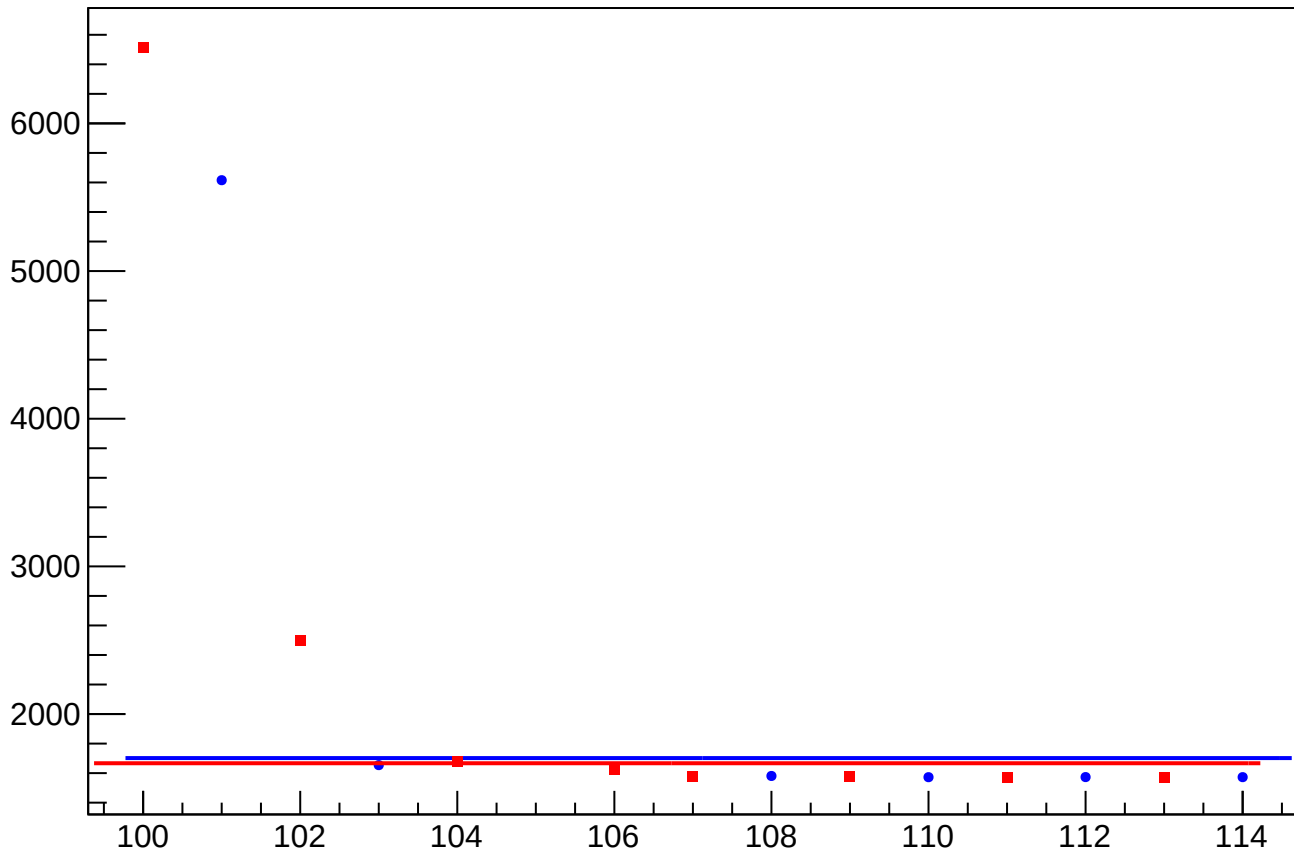
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -300.890 $\pm$ 731.118 χ^2/NDF : 12.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1701.858 $\pm$ 0.791 χ^2 /NDF: 655875.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1666.890 $\pm$ 0.683 χ^2 /NDF: 190237.4/7

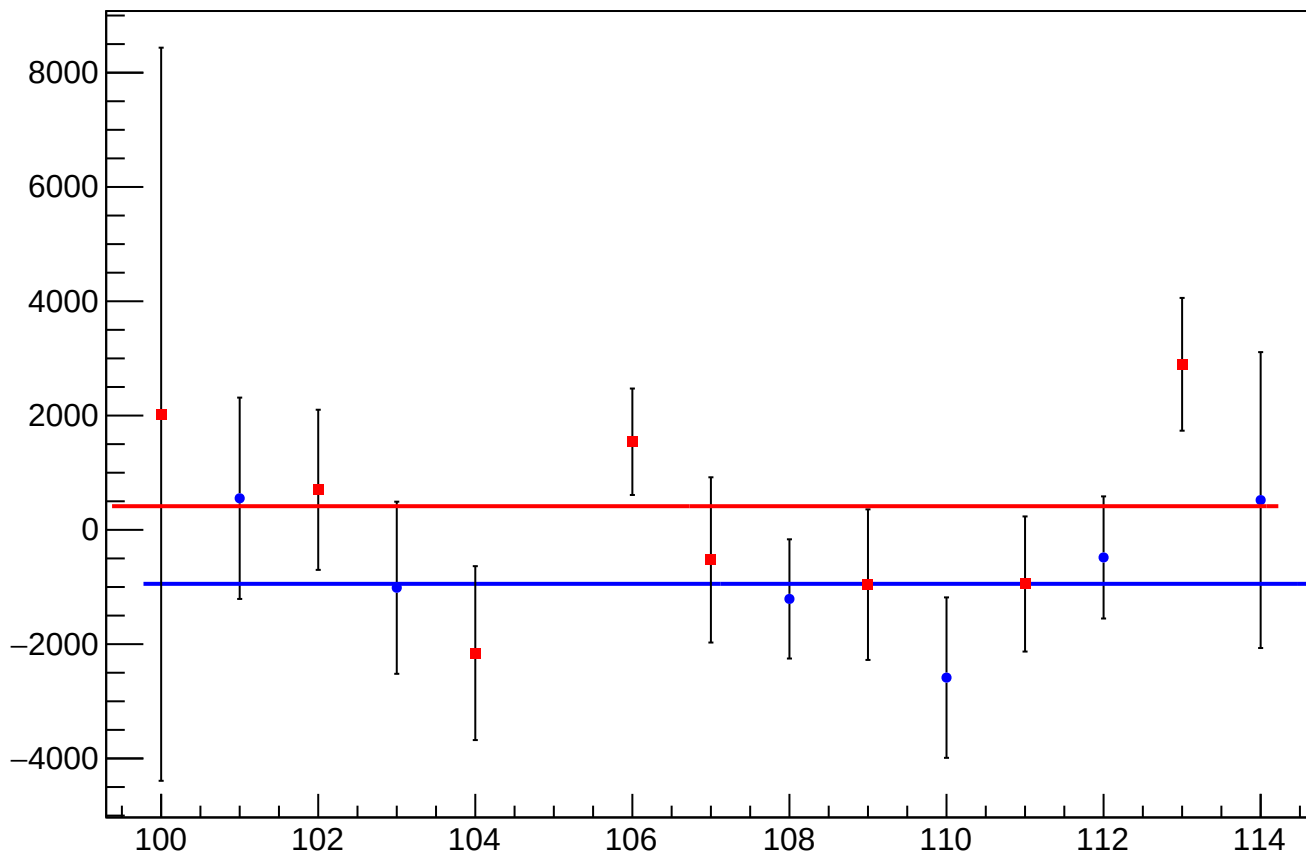
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1681.837 $\pm$ 0.517 χ^2 /NDF: 847232.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -944.423+/-557.727 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.064+/-464.759 χ^2/NDF : 11.8/7

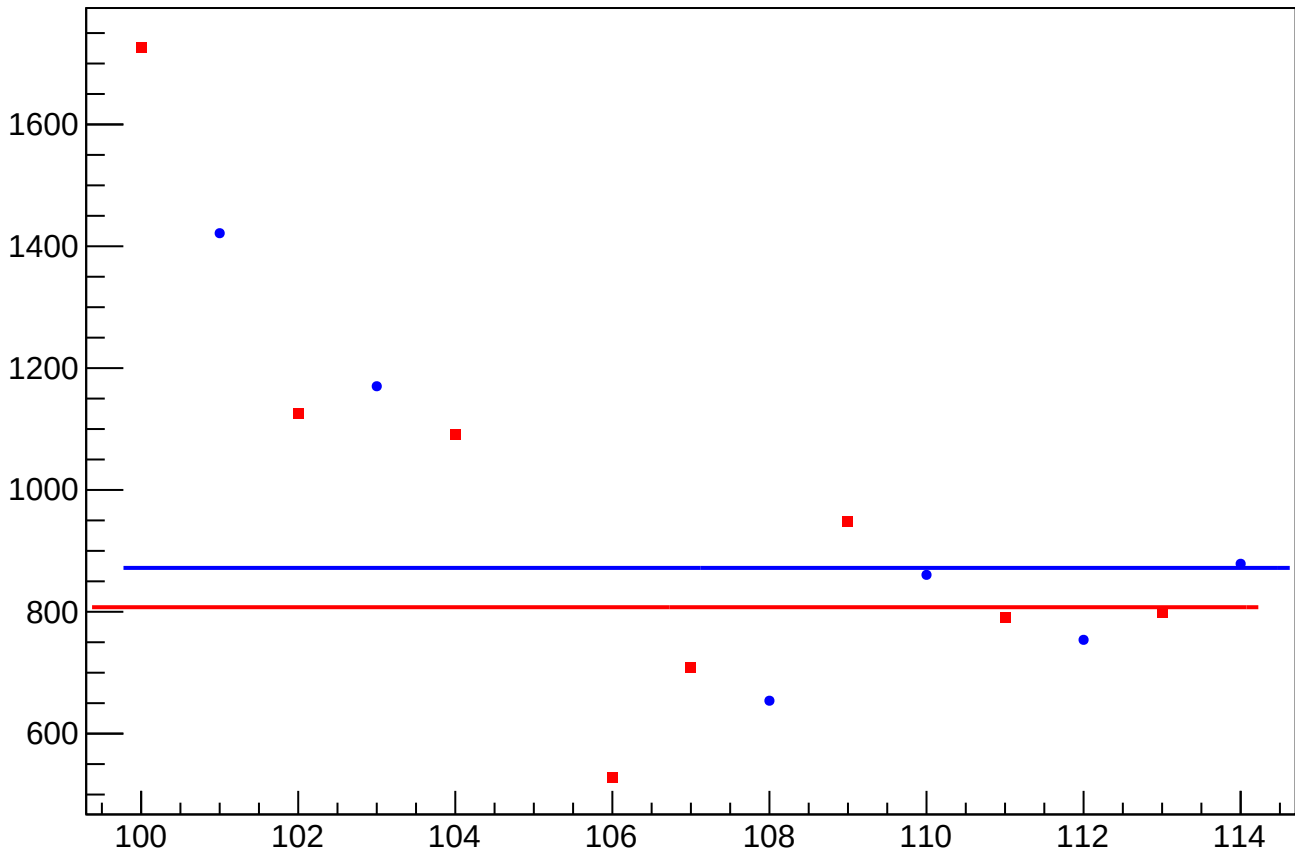
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.674+/-357.042 χ^2/NDF : 18.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 872.043+/-0.394 χ^2/NDF : 384920.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.512+/-0.329 χ^2/NDF : 426410.3/7

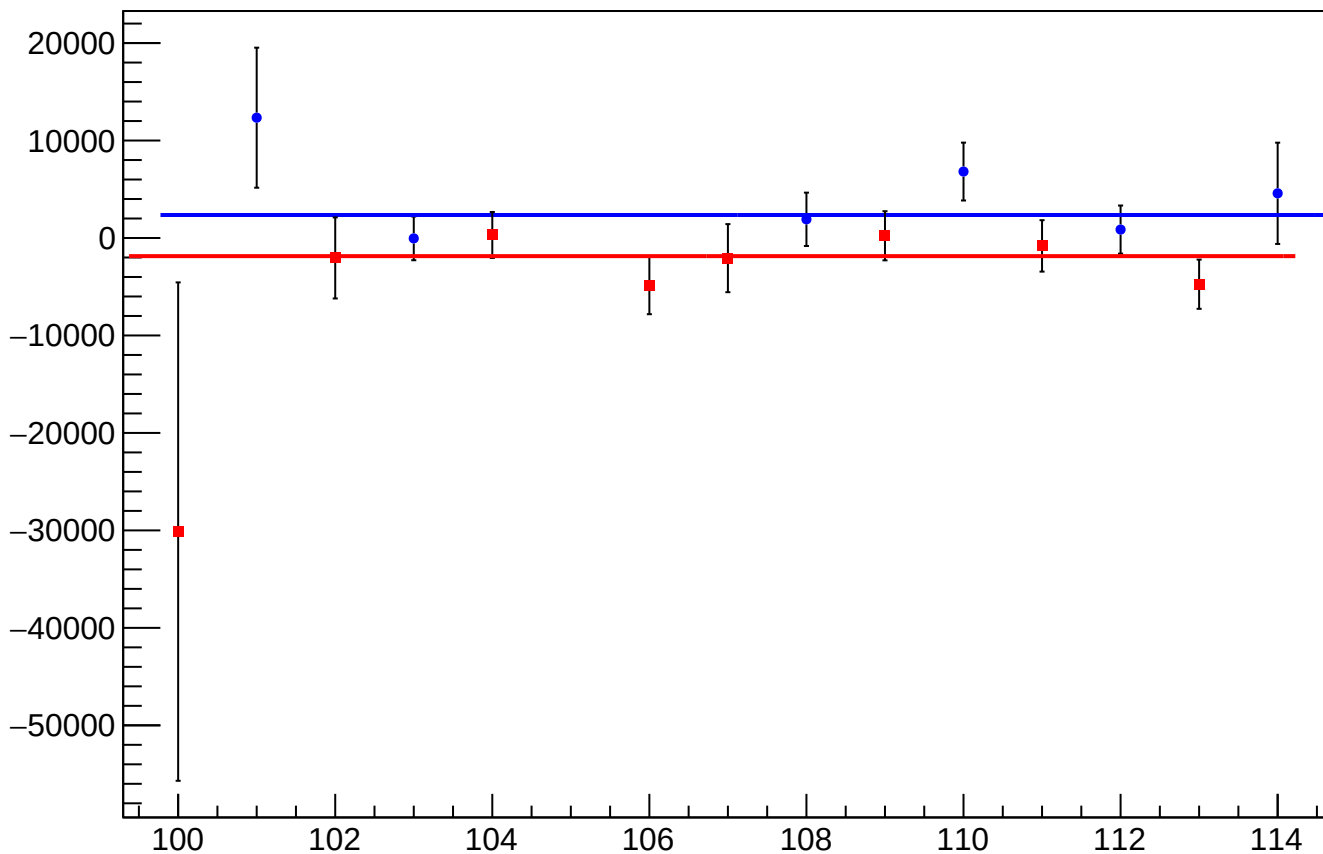
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.959+/-0.252 χ^2/NDF : 827132.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2359.929 $\pm$ 1224.801 χ^2 /NDF: 5.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1860.626 $\pm$ 1057.164 χ^2 /NDF: 5.3/7

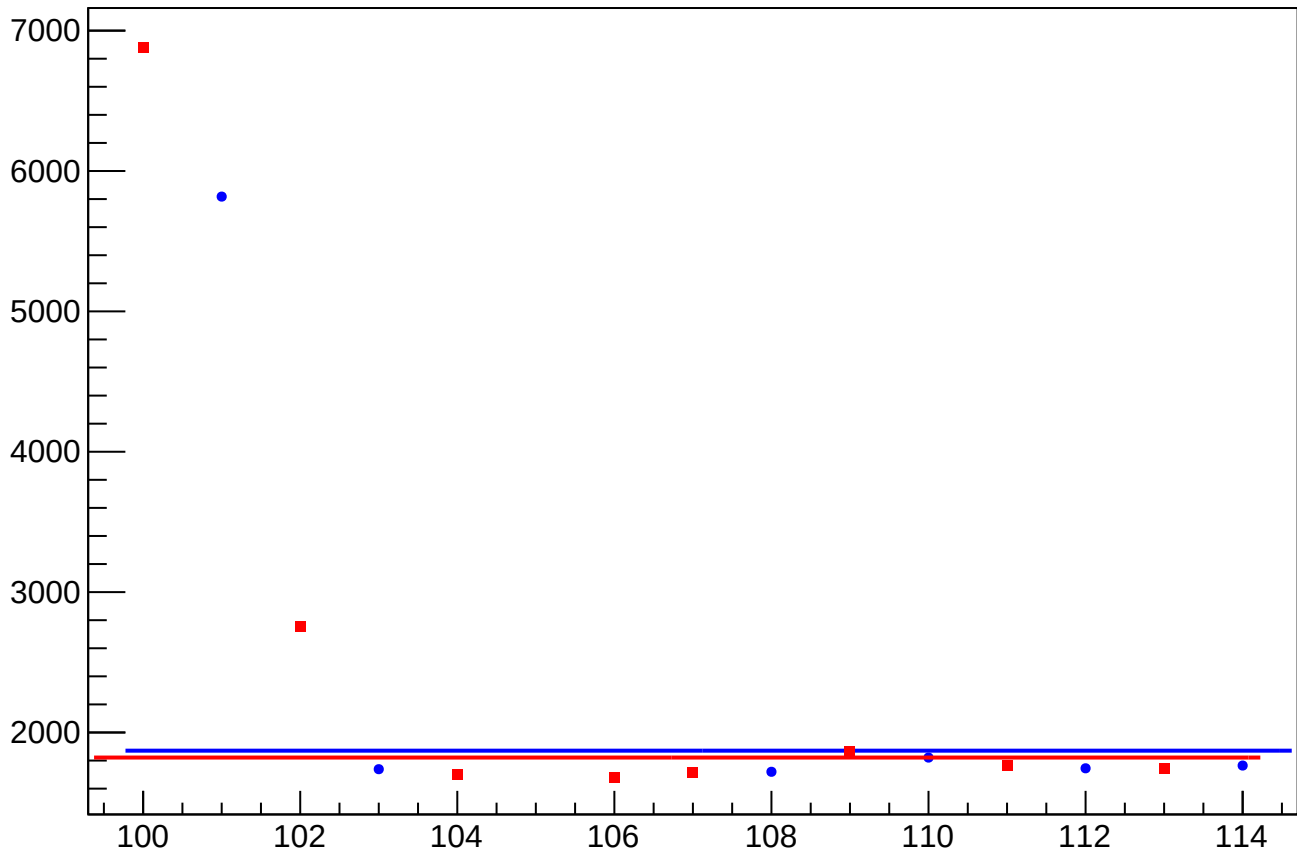
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -58.735 $\pm$ 800.286 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1870.475+/-0.866 χ^2/NDF : 623340.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1821.476+/-0.748 χ^2/NDF : 194879.3/7

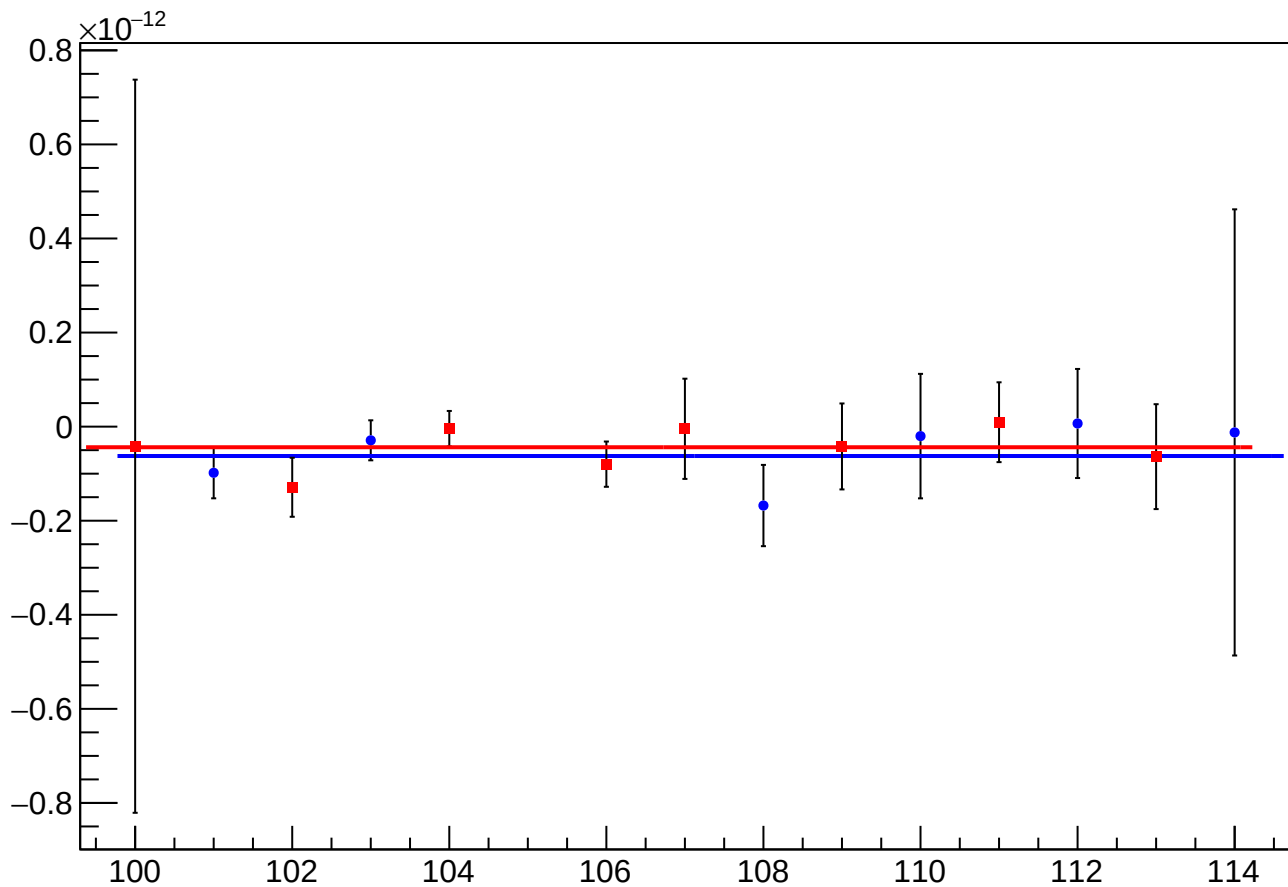
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.395+/-0.566 χ^2/NDF : 820053.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/7

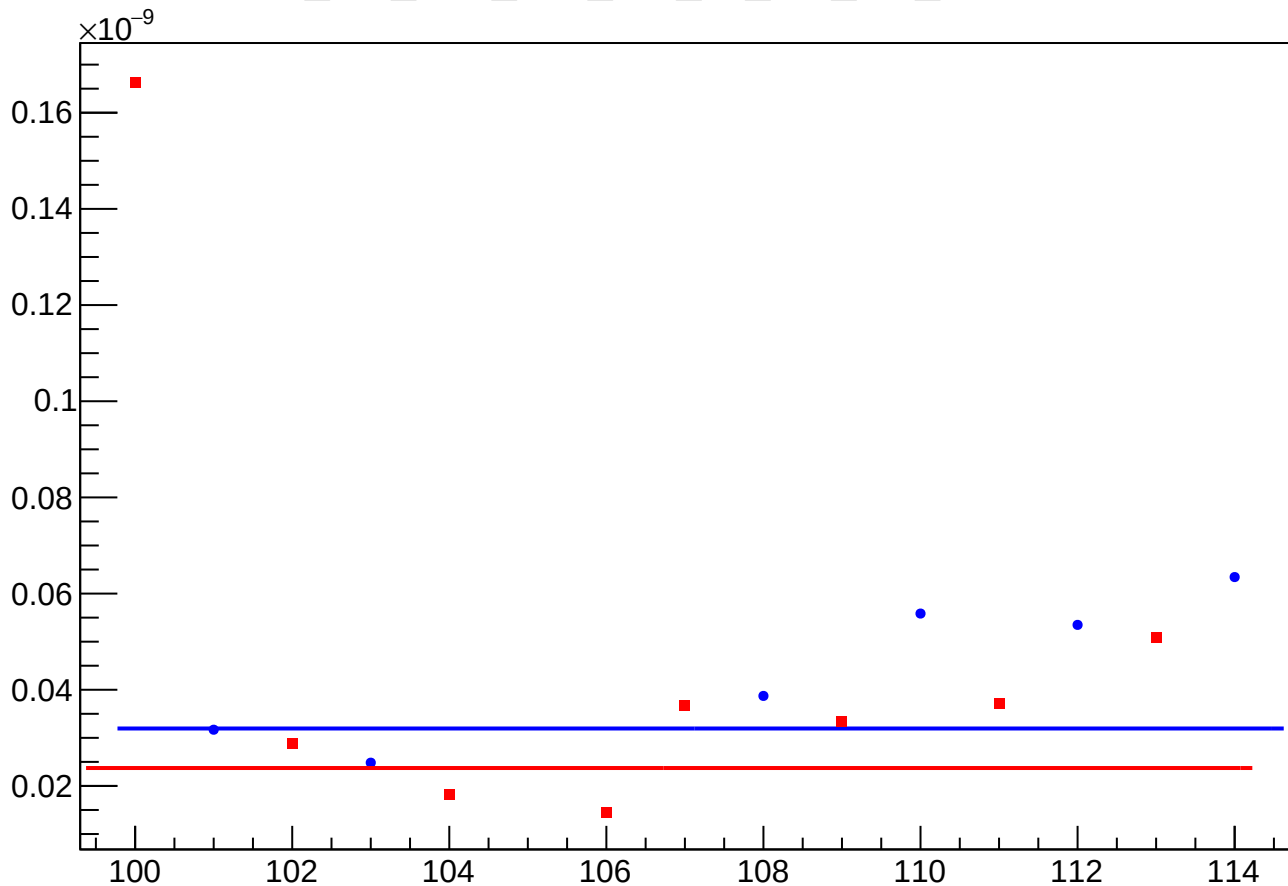
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 211354.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 418526.6/7

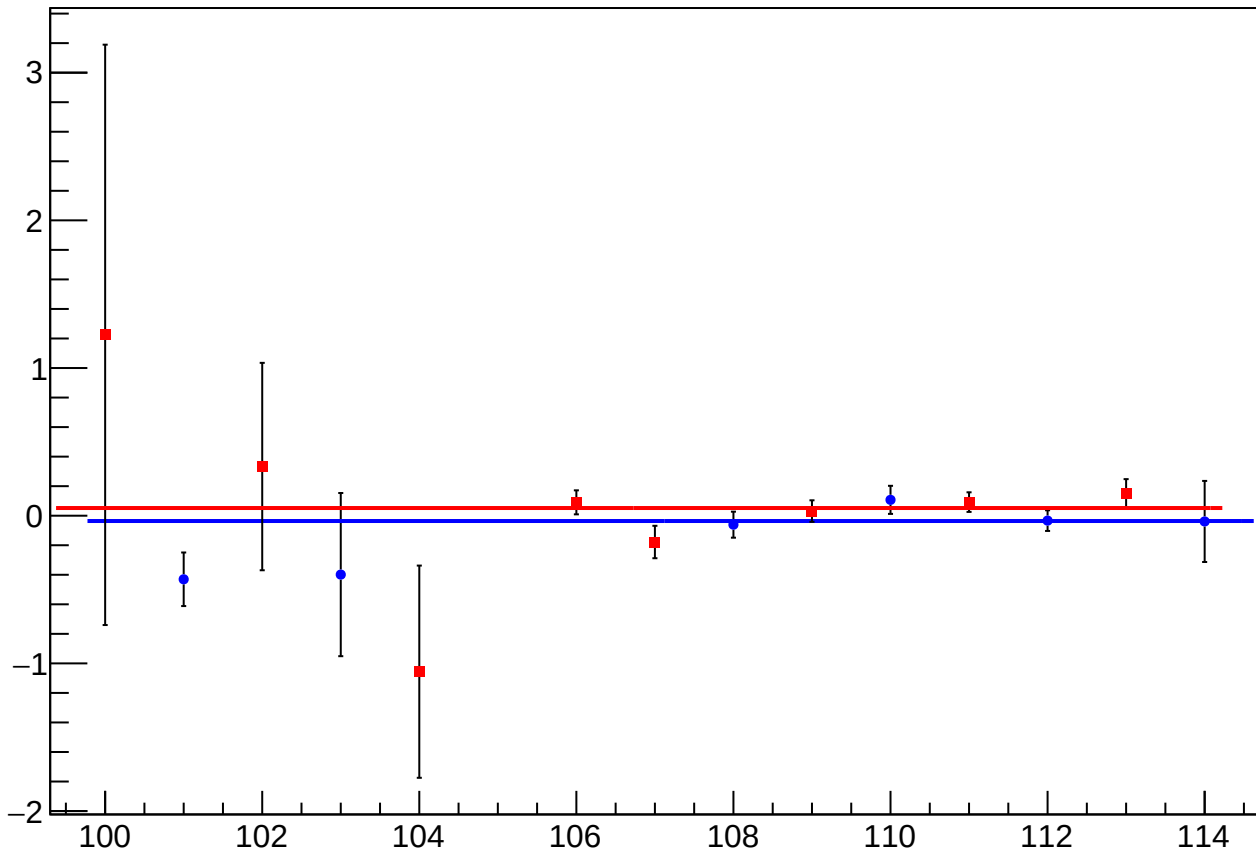
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 725645.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.045 χ^2 /NDF: 7.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.052 $\pm$ 0.036 χ^2 /NDF: 8.9/7

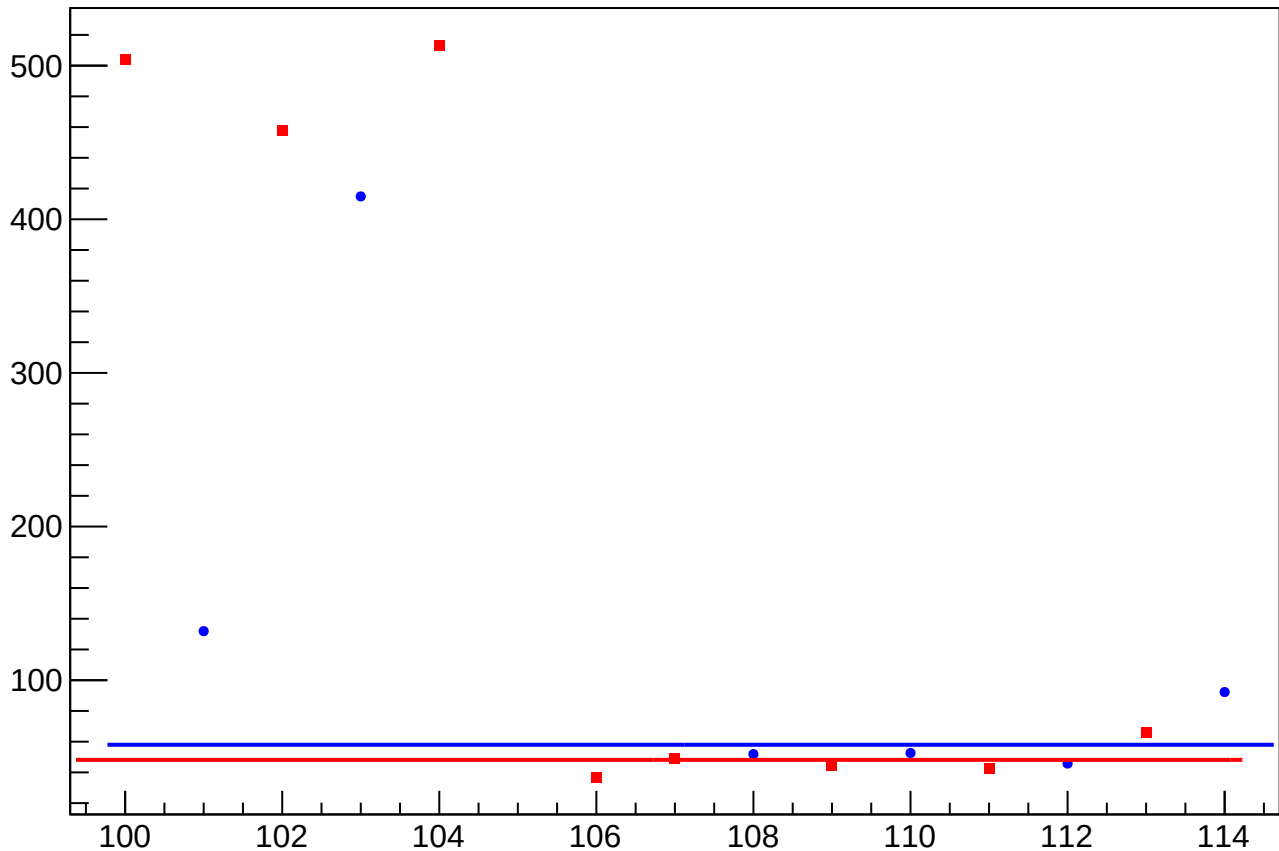
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.028 χ^2 /NDF: 18.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 57.974+/-0.032 χ^2/NDF : 1275384.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.167+/-0.026 χ^2/NDF : 1749141.5/7

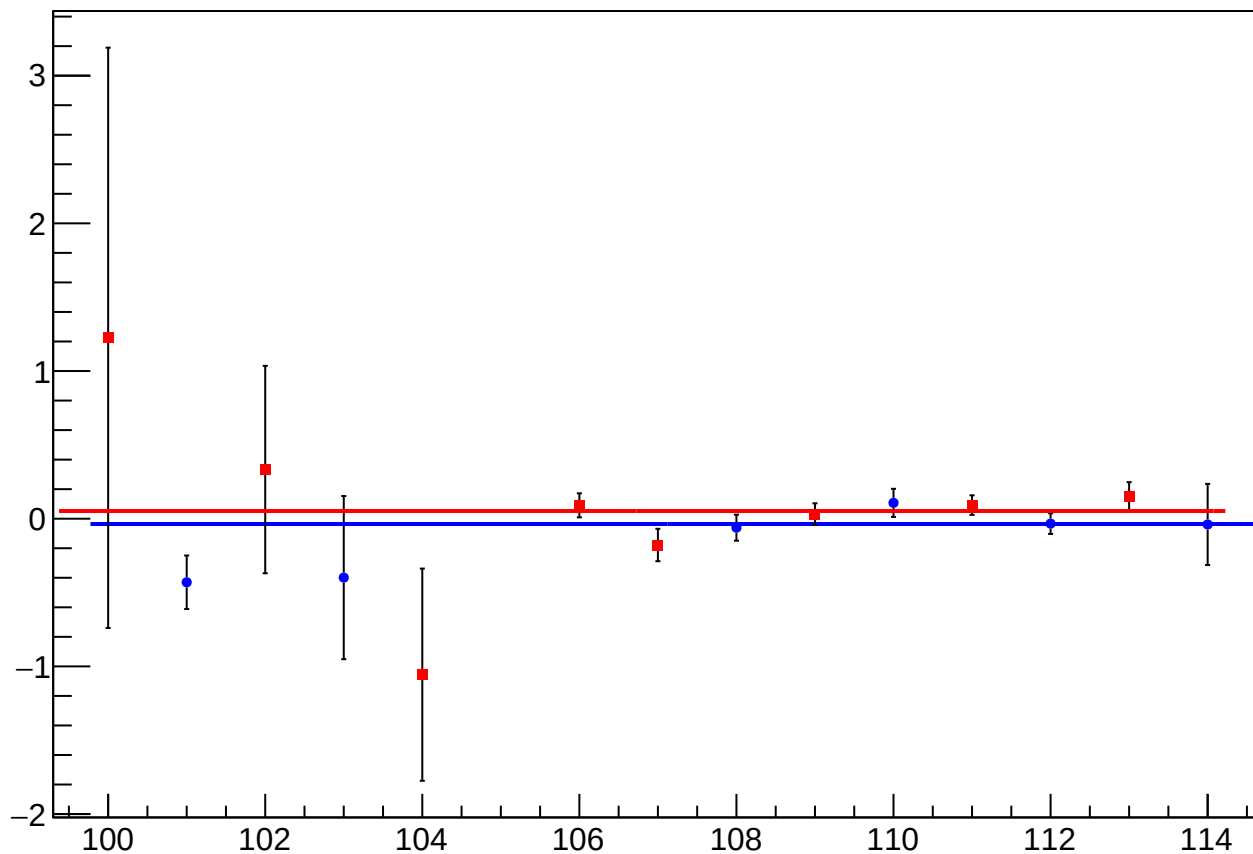
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.040+/-0.020 χ^2/NDF : 3081660.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.045 χ^2 /NDF: 7.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.052 $\pm$ 0.036 χ^2 /NDF: 8.9/7

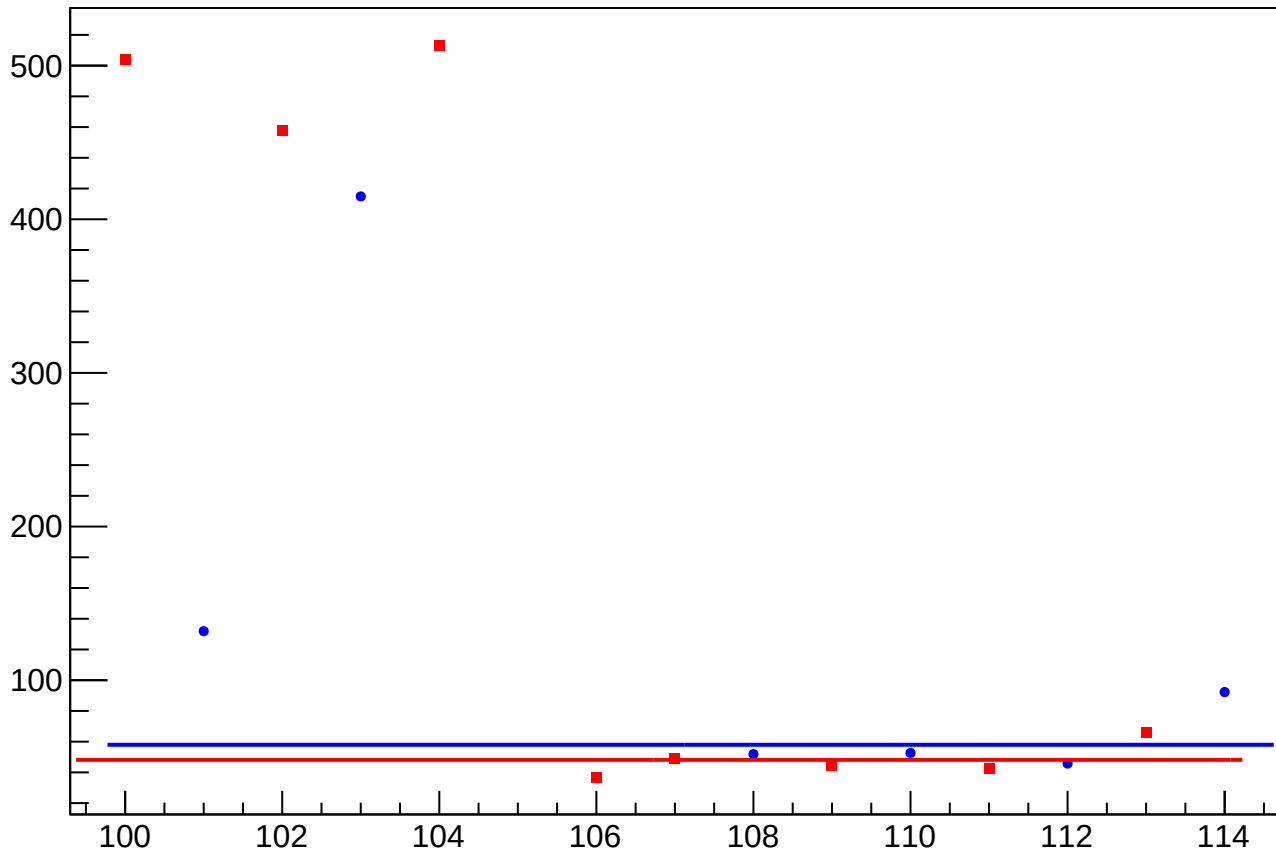
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.028 χ^2 /NDF: 18.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.974+/-0.032 χ^2/NDF : 1275384.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.167+/-0.026 χ^2/NDF : 1749141.5/7

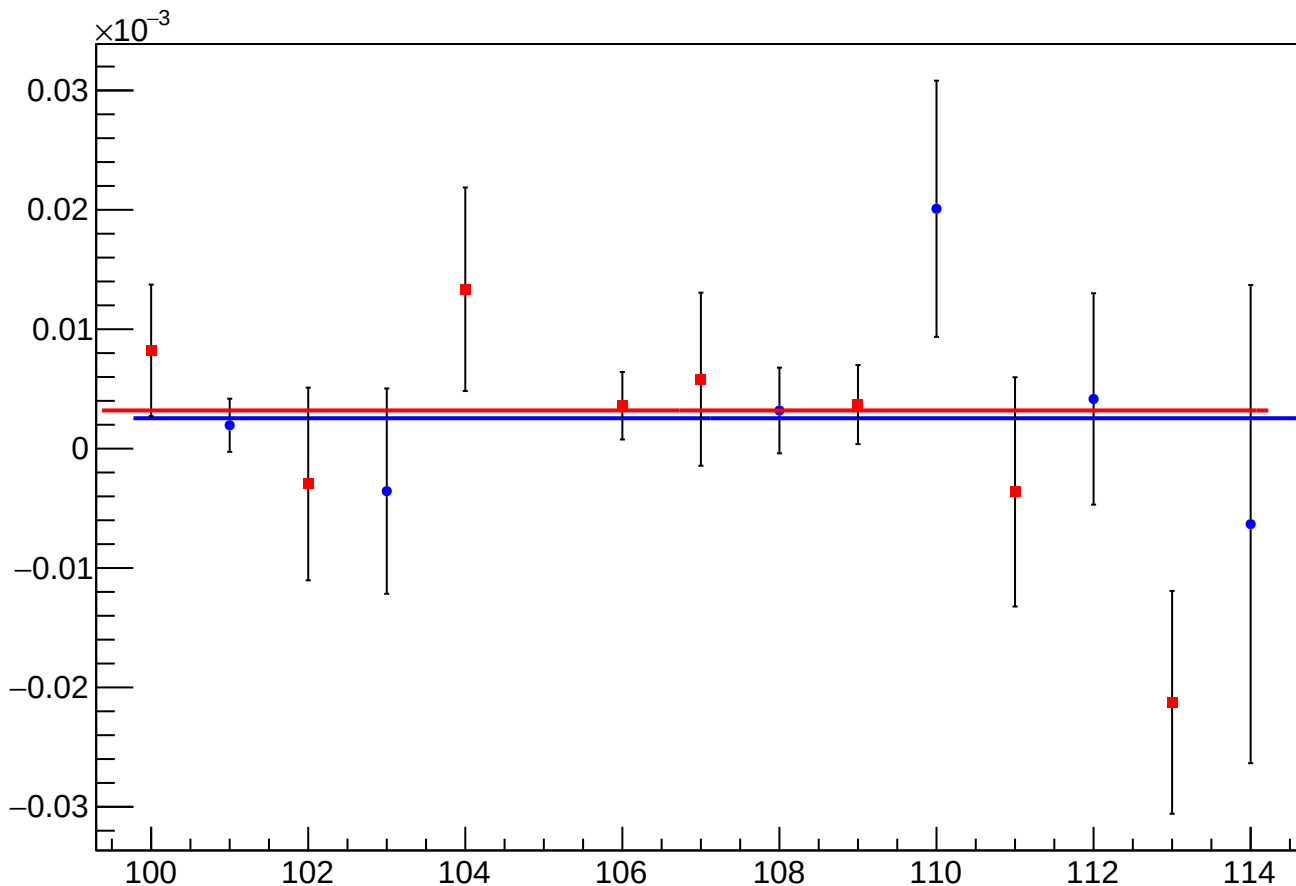
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.040+/-0.020 χ^2/NDF : 3081660.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.4/7

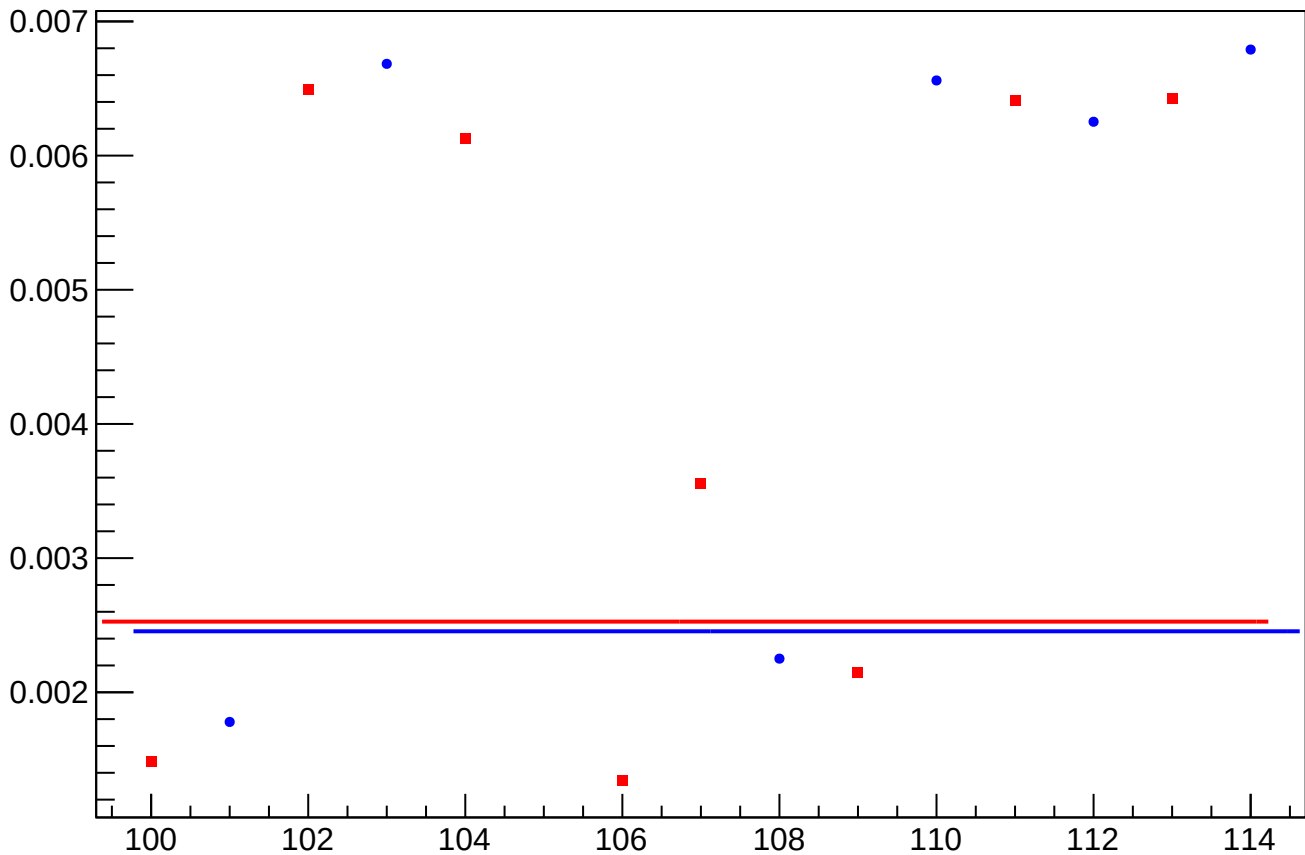
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 14.0/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1429151.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2005371.6/7

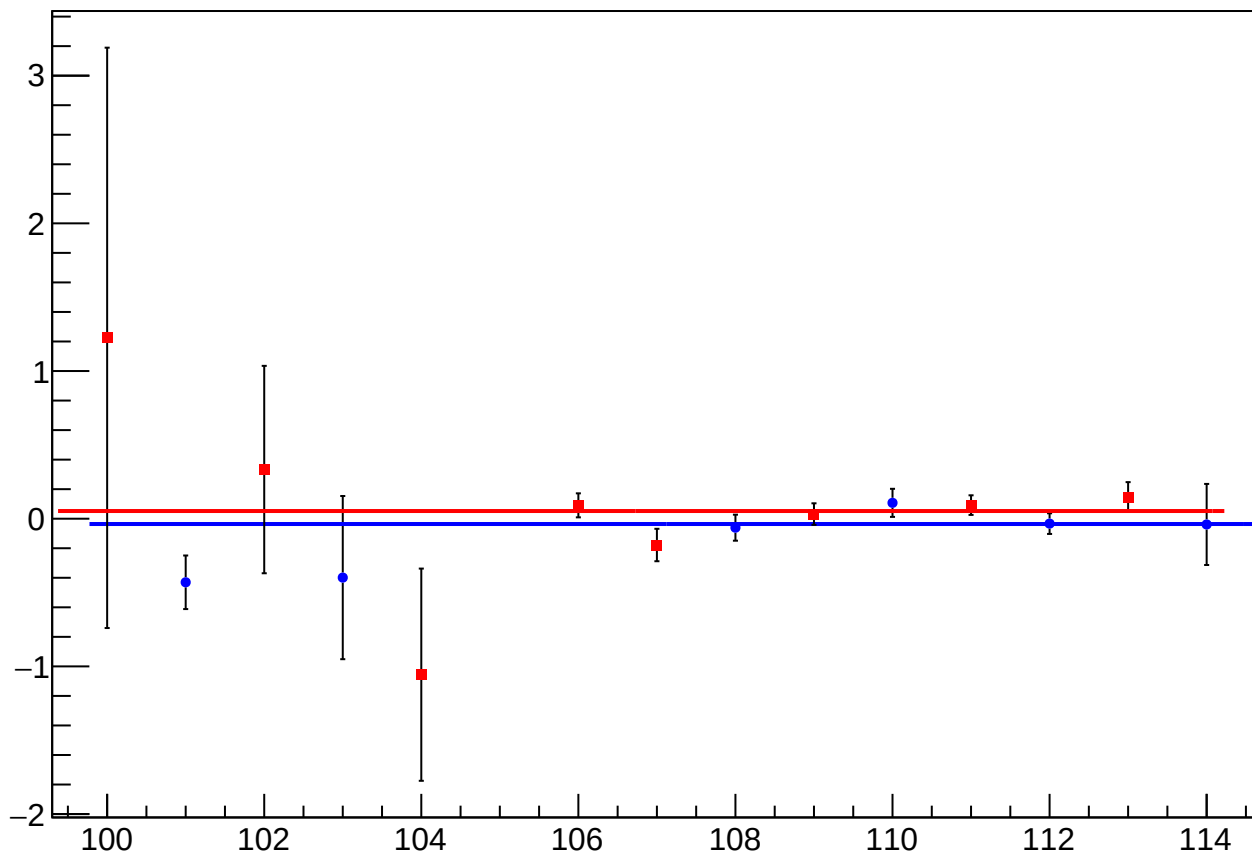
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3436178.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.045 χ^2 /NDF: 7.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.052 $\pm$ 0.036 χ^2 /NDF: 8.9/7

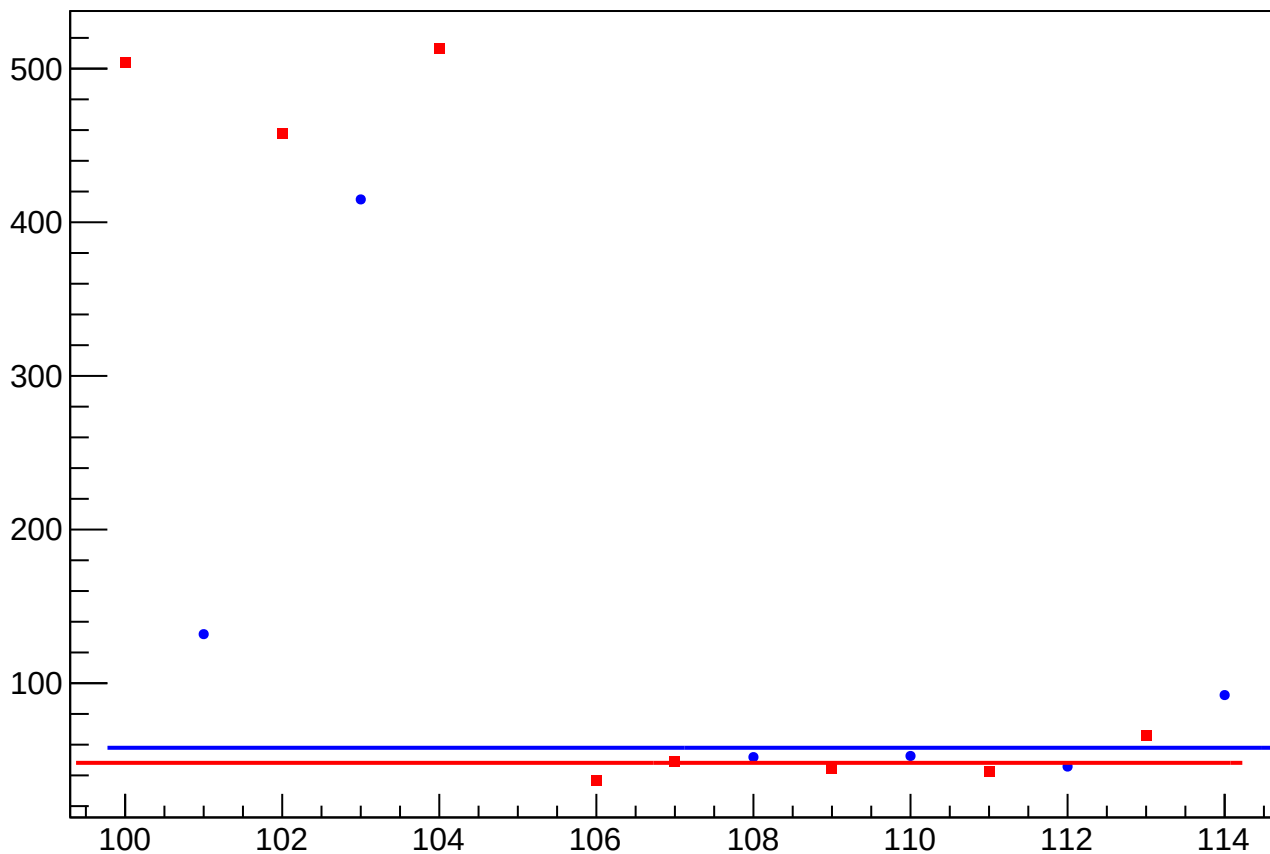
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.028 χ^2 /NDF: 18.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.976+/-0.032 χ^2/NDF : 1275354.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.168+/-0.026 χ^2/NDF : 1749109.8/7

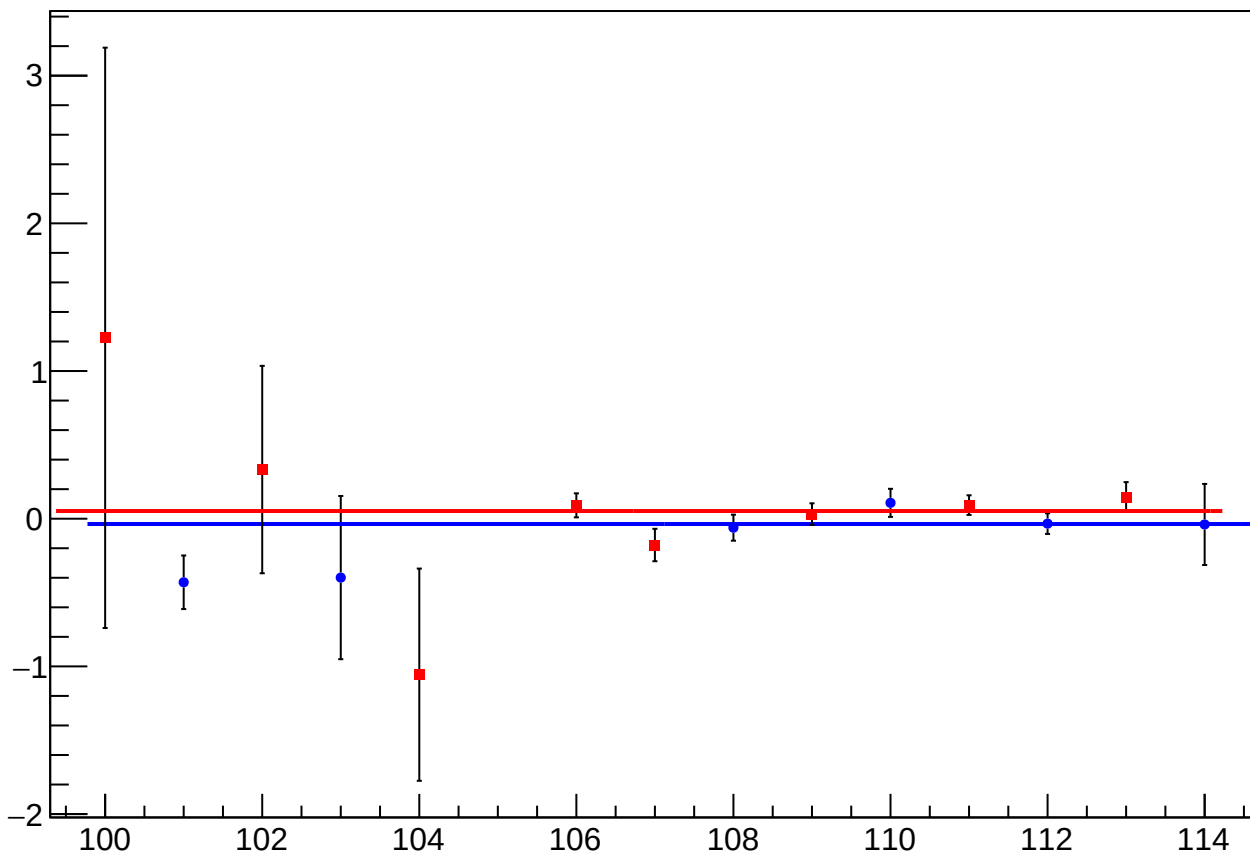
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.041+/-0.020 χ^2/NDF : 3081617.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.045 χ^2 /NDF: 7.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.052 $\pm$ 0.036 χ^2 /NDF: 8.9/7

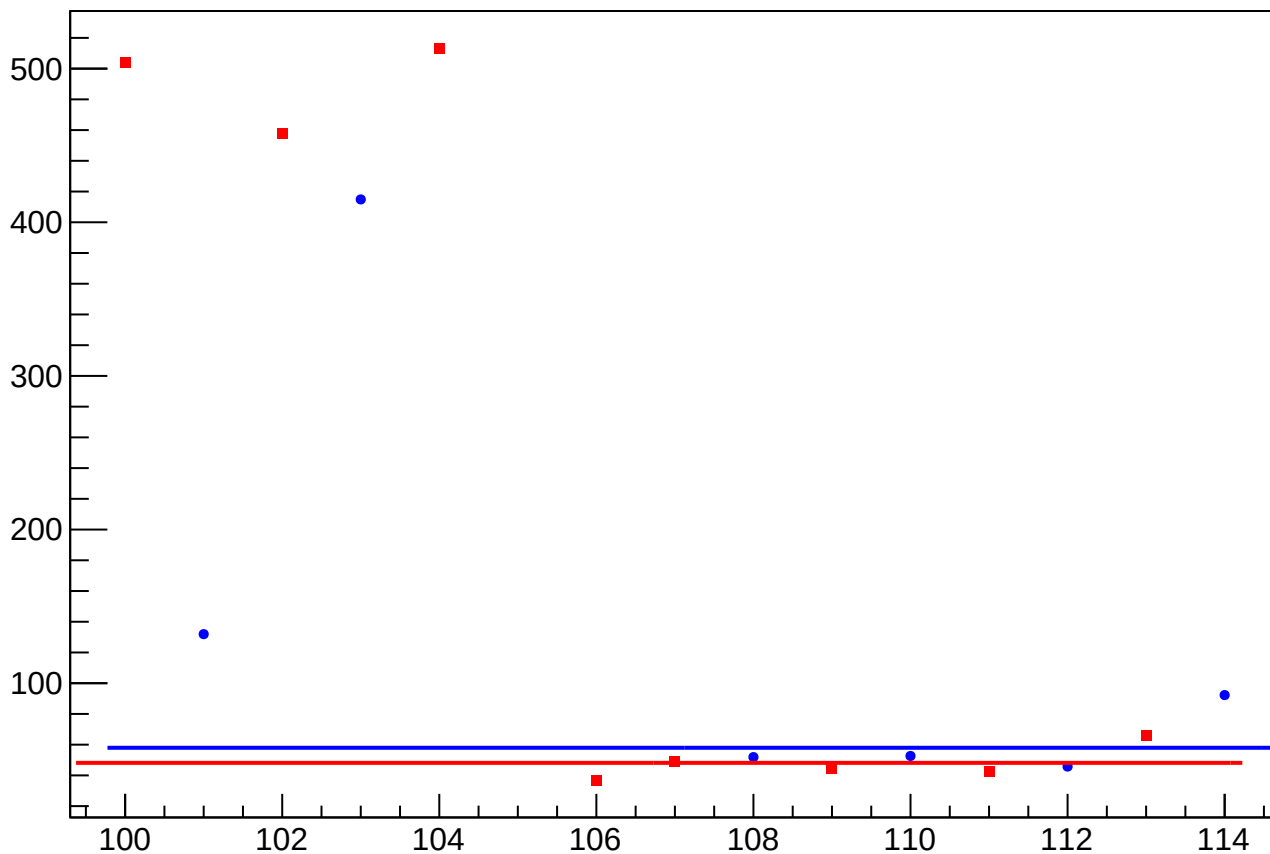
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.028 χ^2 /NDF: 18.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.976 $\pm$ 0.032 χ^2 /NDF: 1275354.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.168 $\pm$ 0.026 χ^2 /NDF: 1749109.8/7

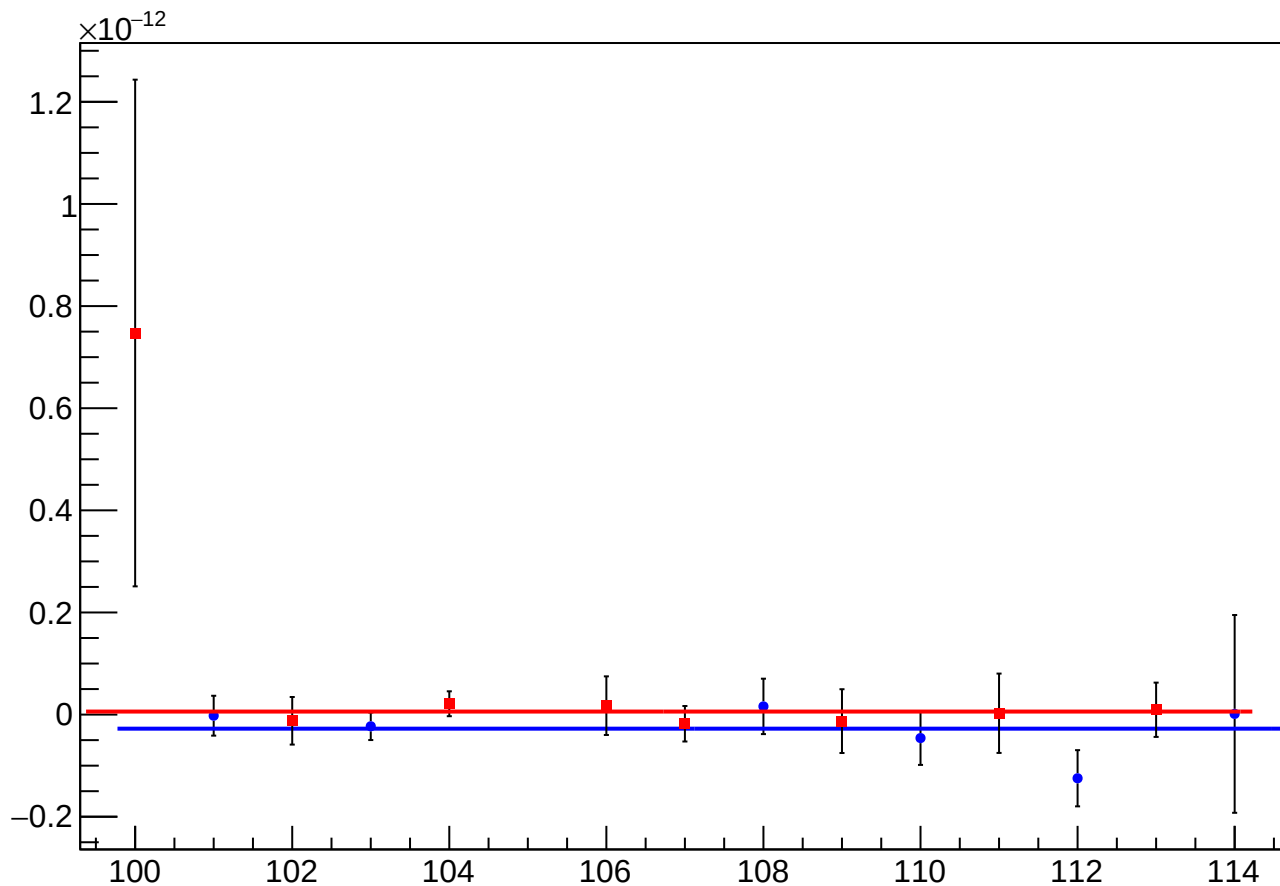
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.041 $\pm$ 0.020 χ^2 /NDF: 3081617.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/7

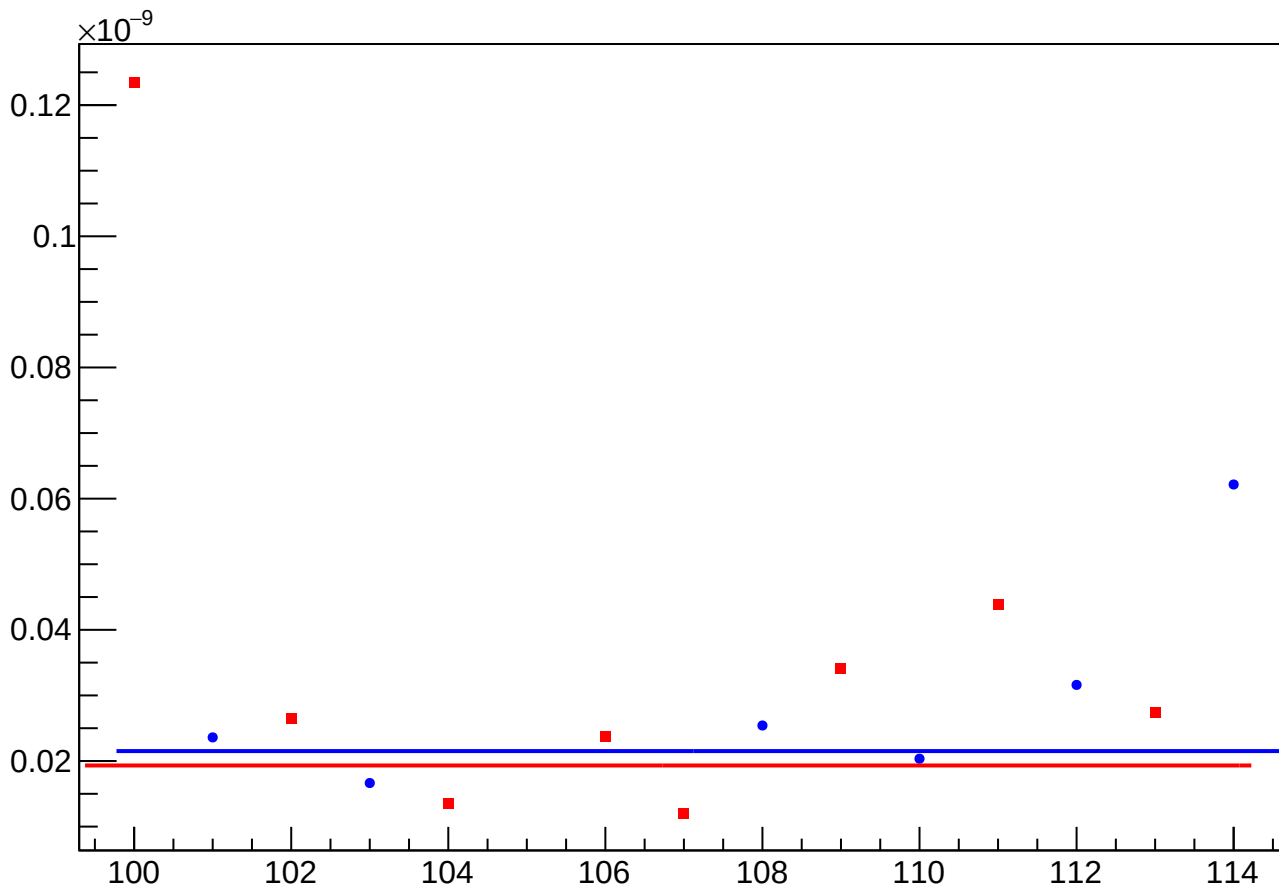
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 237466.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704322.9/7

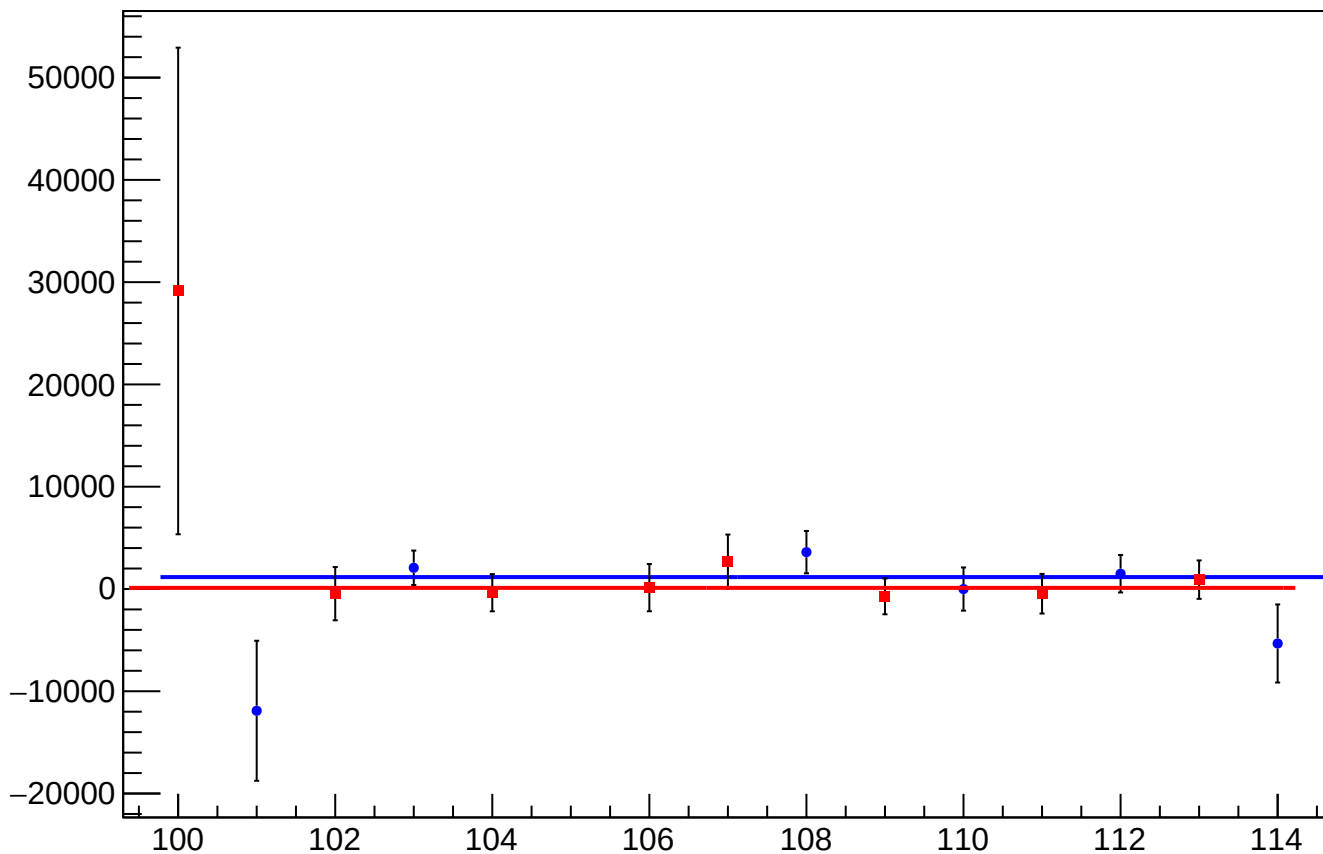
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 958670.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 1161.298 $\pm$ 914.211 χ^2 /NDF: 8.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.408 $\pm$ 776.664 χ^2 /NDF: 3.0/7

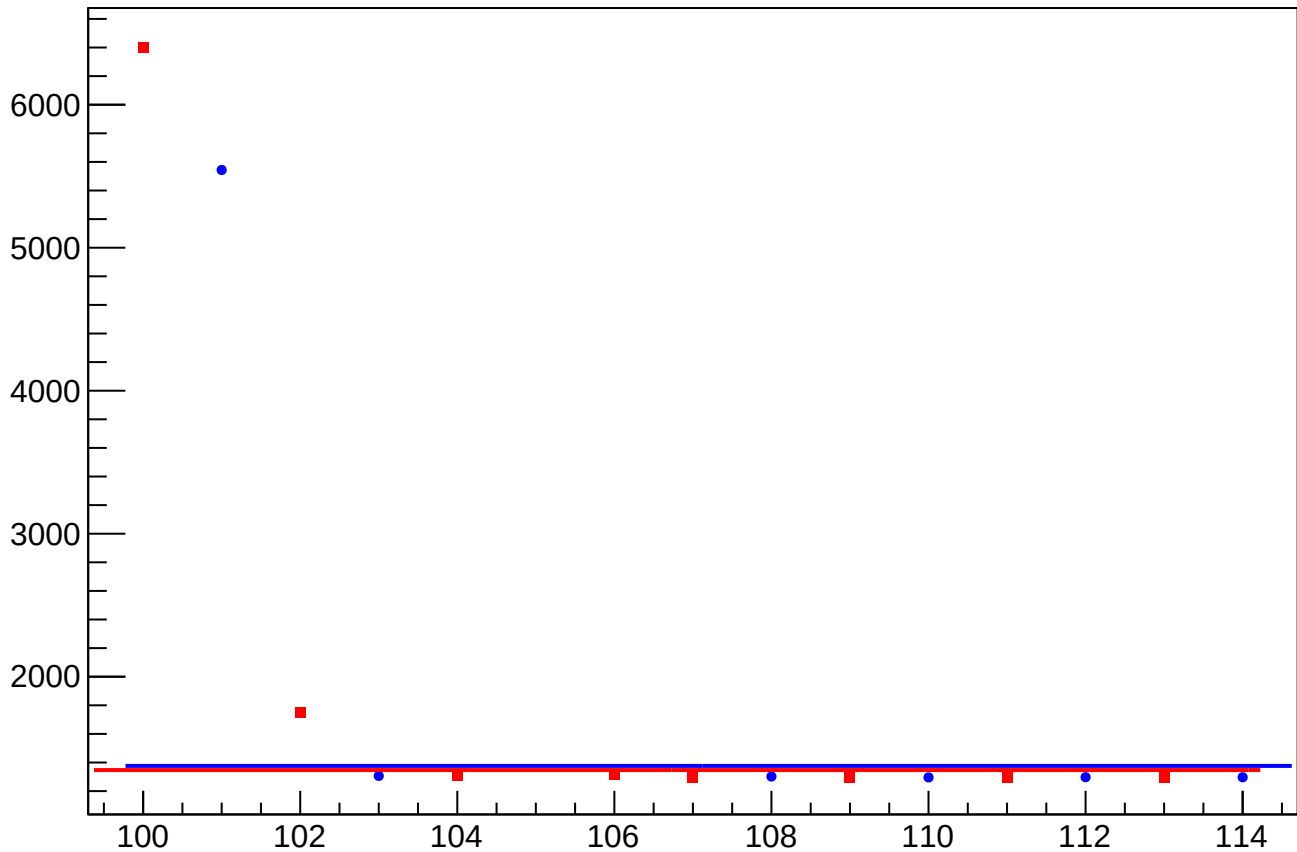
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 549.767 $\pm$ 591.903 χ^2 /NDF: 12.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1376.256 $\pm$ 0.646 χ^2 /NDF: 754439.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1347.212 $\pm$ 0.549 χ^2 /NDF: 144528.5/7

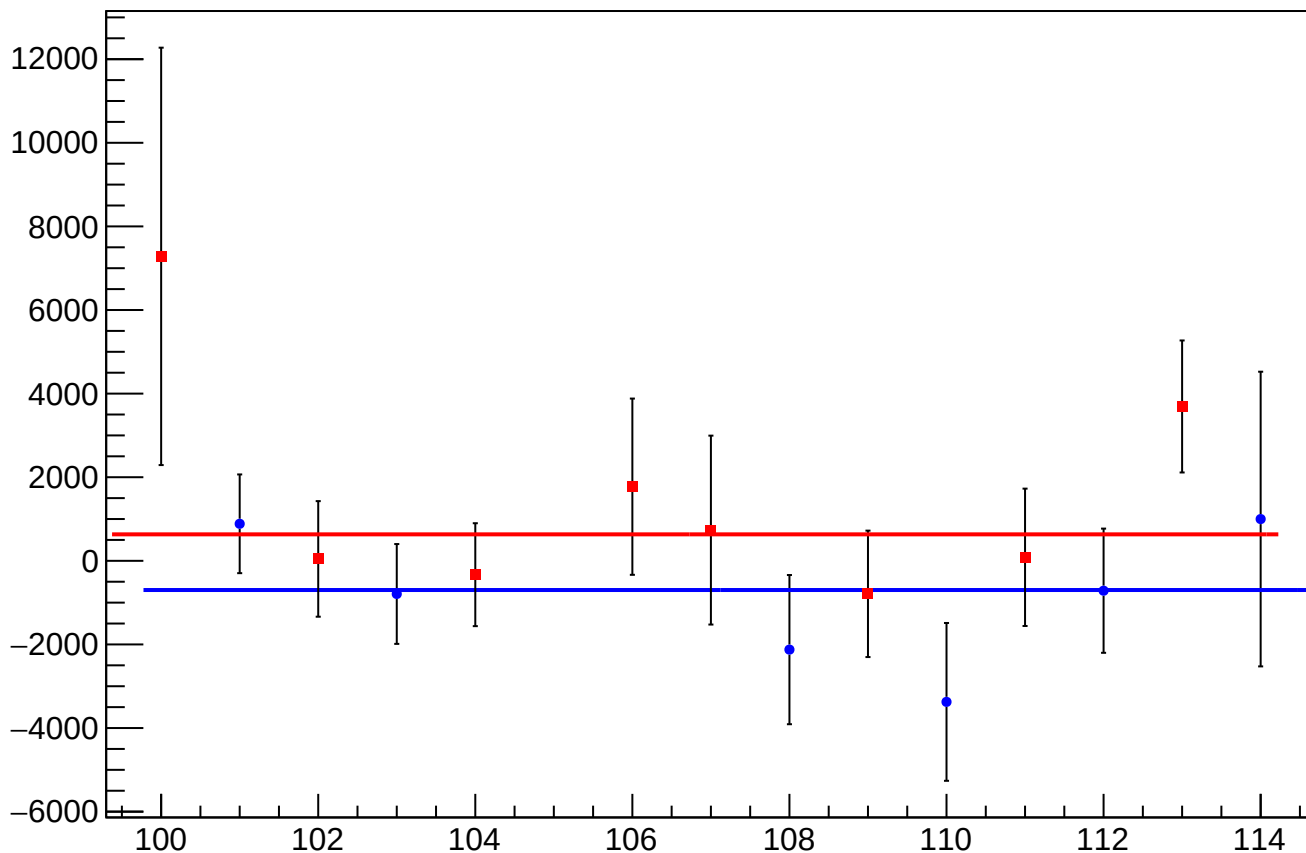
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1359.387 $\pm$ 0.419 χ^2 /NDF: 900140.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: -698.319+/-626.633 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 633.399+/-592.029 χ^2/NDF : 7.6/7

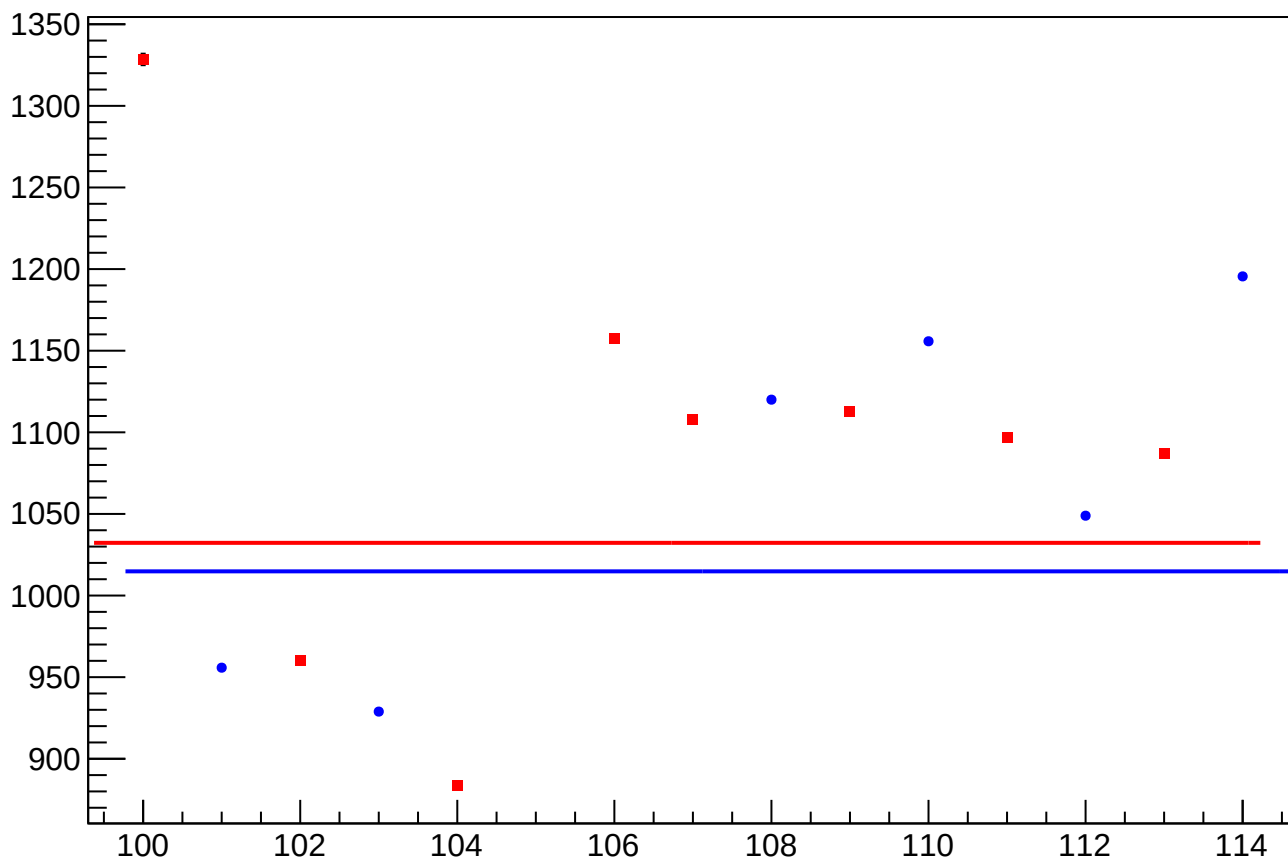
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.323+/-430.341 χ^2/NDF : 14.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 1014.824+/-0.443 χ^2/NDF : 39759.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.290+/-0.419 χ^2/NDF : 62089.9/7

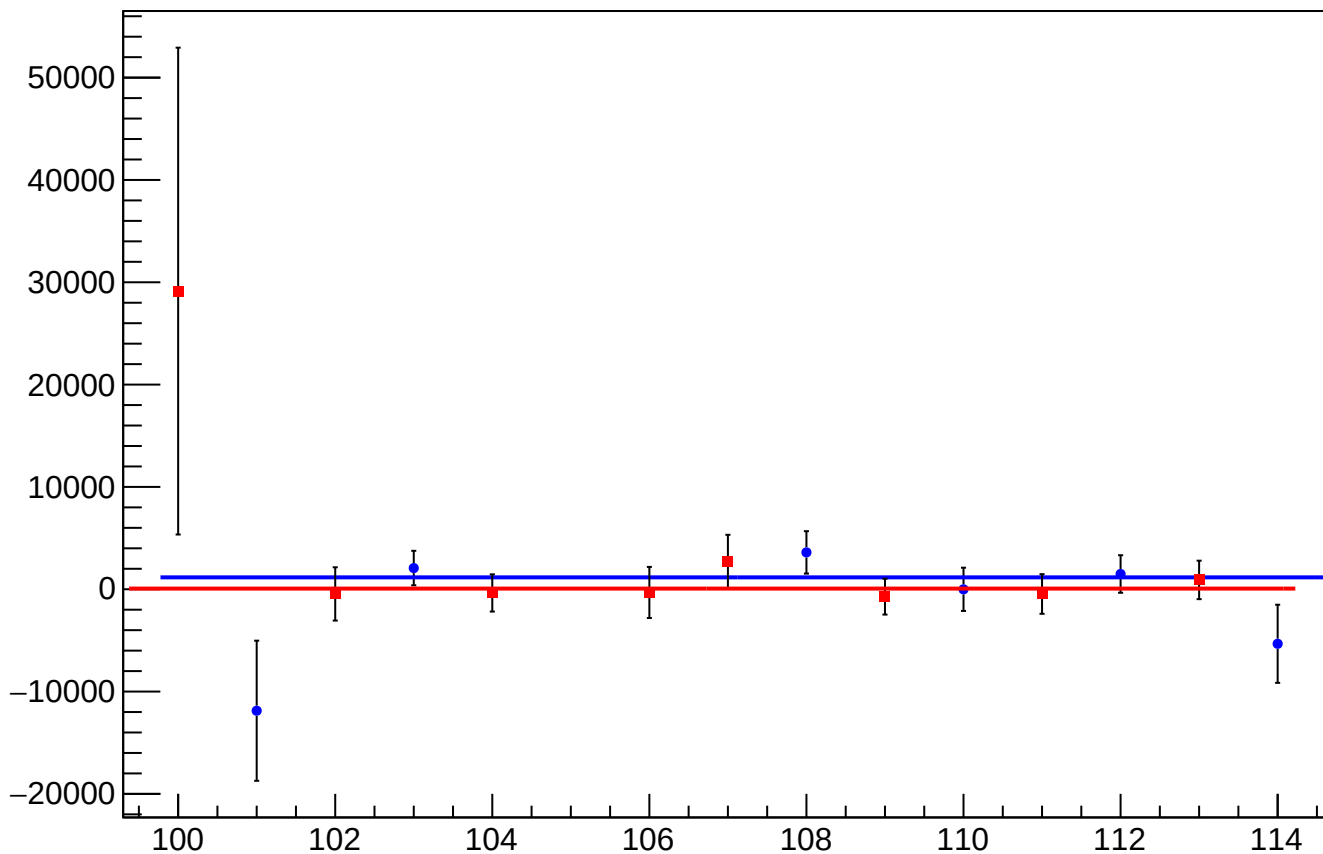
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.053+/-0.304 χ^2/NDF : 102670.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 1161.849 $\pm$ 914.212 χ^2 /NDF: 8.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.212 $\pm$ 783.080 χ^2 /NDF: 3.1/7

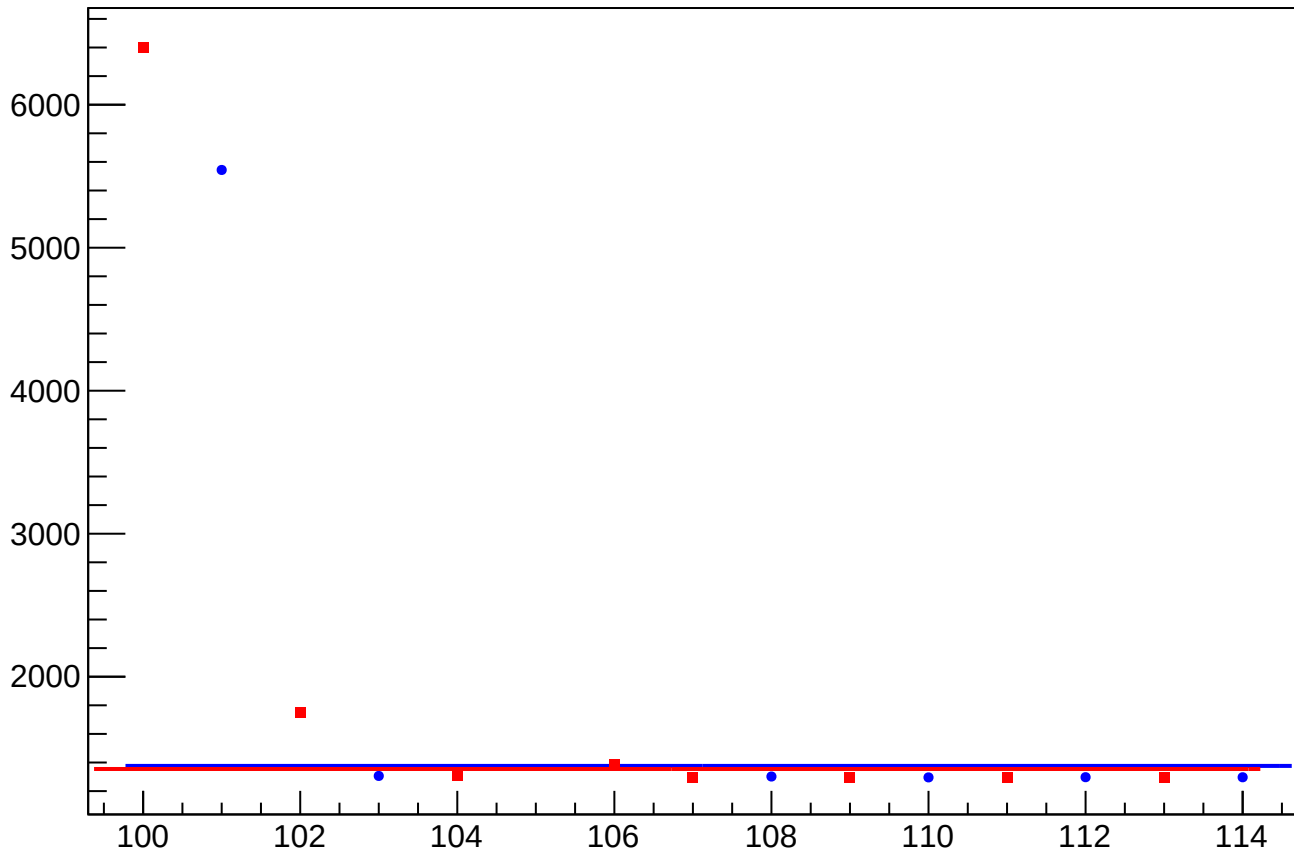
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 529.308 $\pm$ 594.729 χ^2 /NDF: 12.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1376.256 $\pm$ 0.646 χ^2 /NDF: 754438.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.726 $\pm$ 0.554 χ^2 /NDF: 144568.3/7

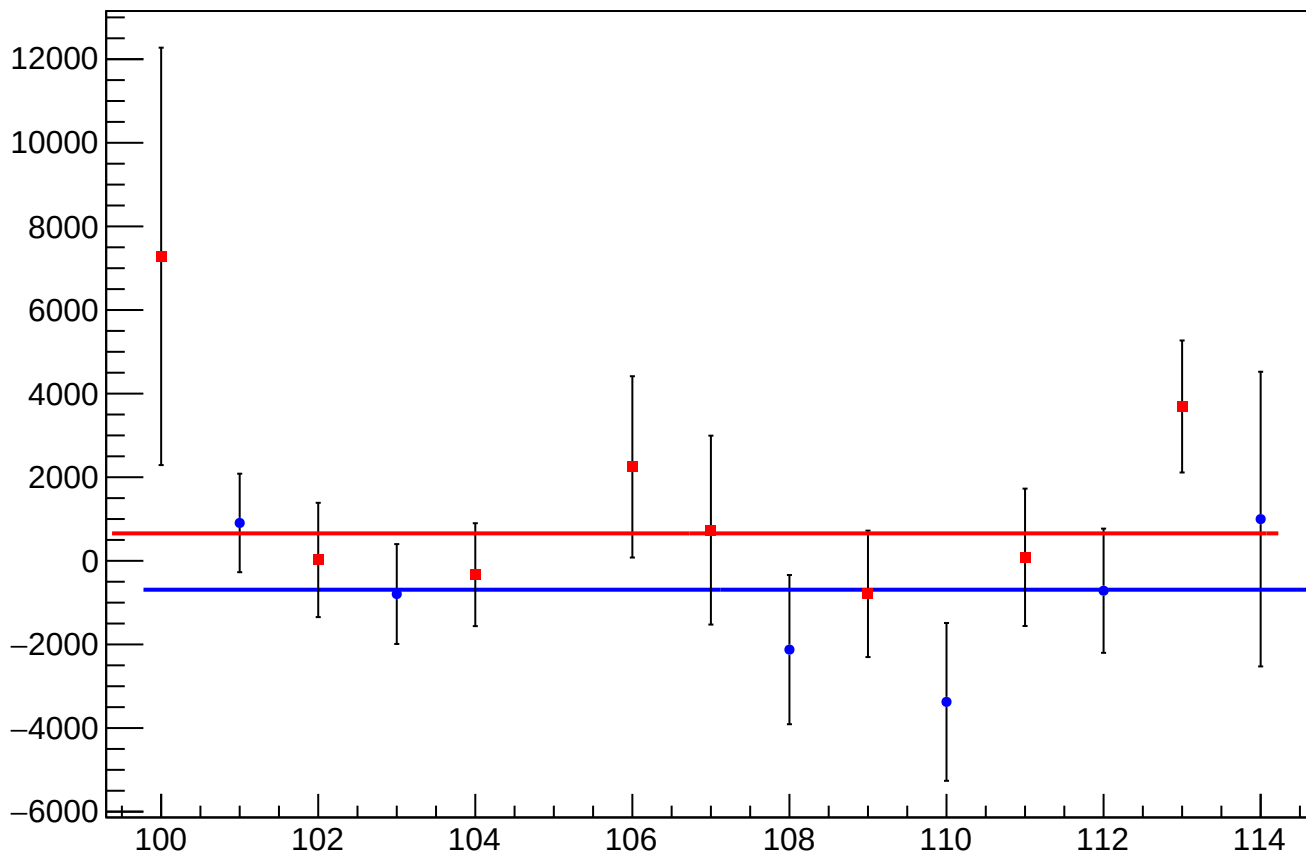
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1363.837 $\pm$ 0.421 χ^2 /NDF: 899646.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: -690.977+/-626.273 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.718+/-592.074 χ^2/NDF : 7.9/7

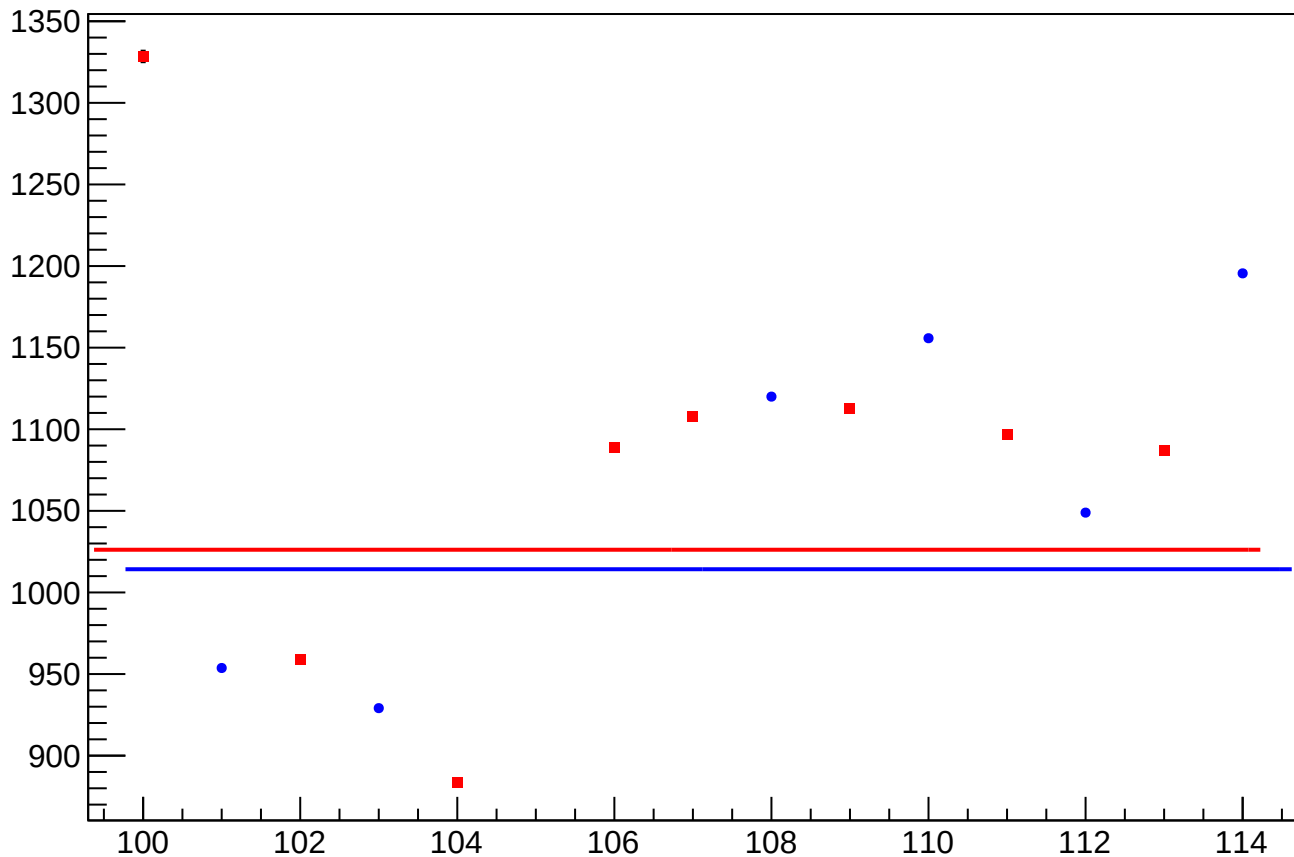
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.670+/-430.242 χ^2/NDF : 15.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 1014.223+/-0.443 χ^2/NDF : 40087.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1026.172+/-0.419 χ^2/NDF : 56472.7/7

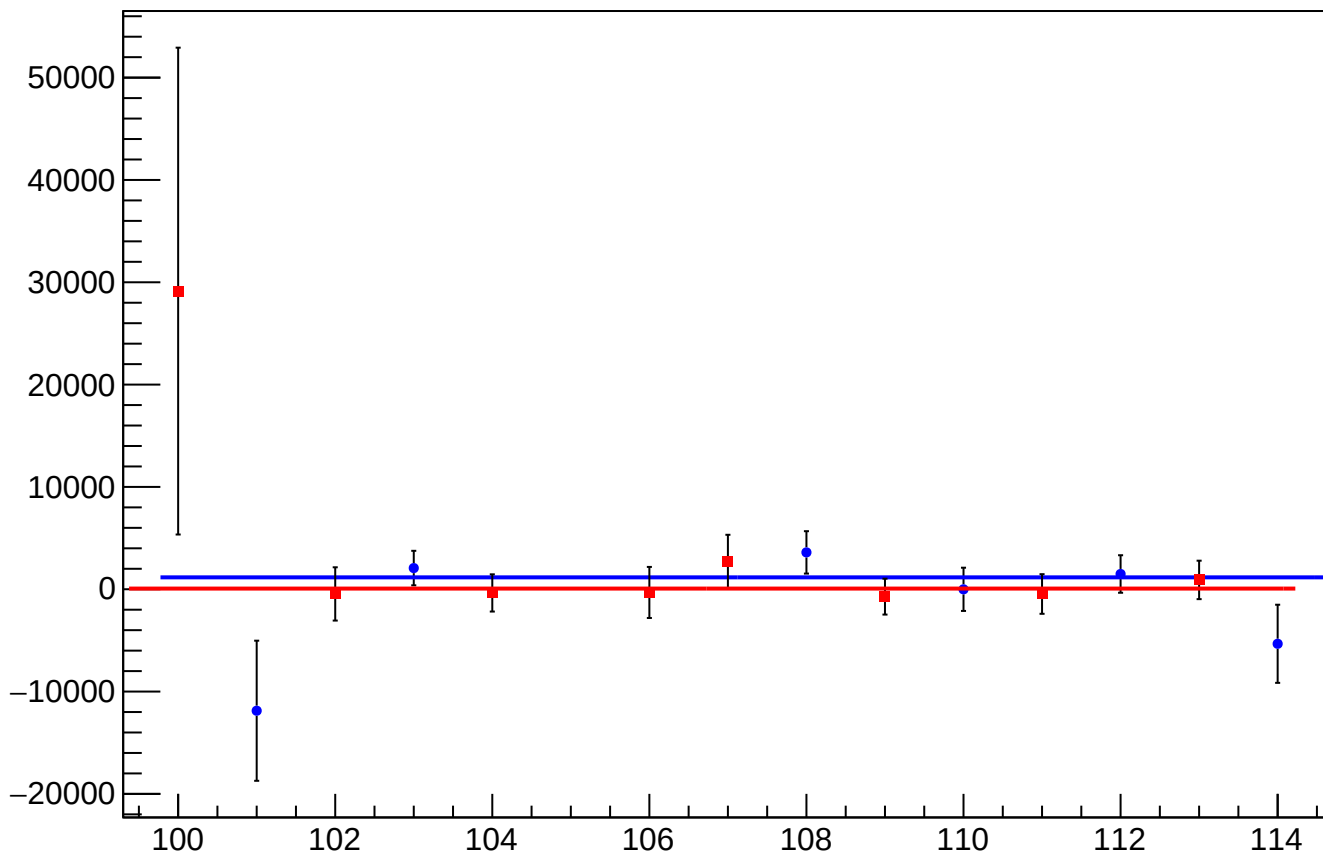
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.533+/-0.304 χ^2/NDF : 96944.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 1161.849+/-914.212 χ^2/NDF : 8.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.212+/-783.080 χ^2/NDF : 3.1/7

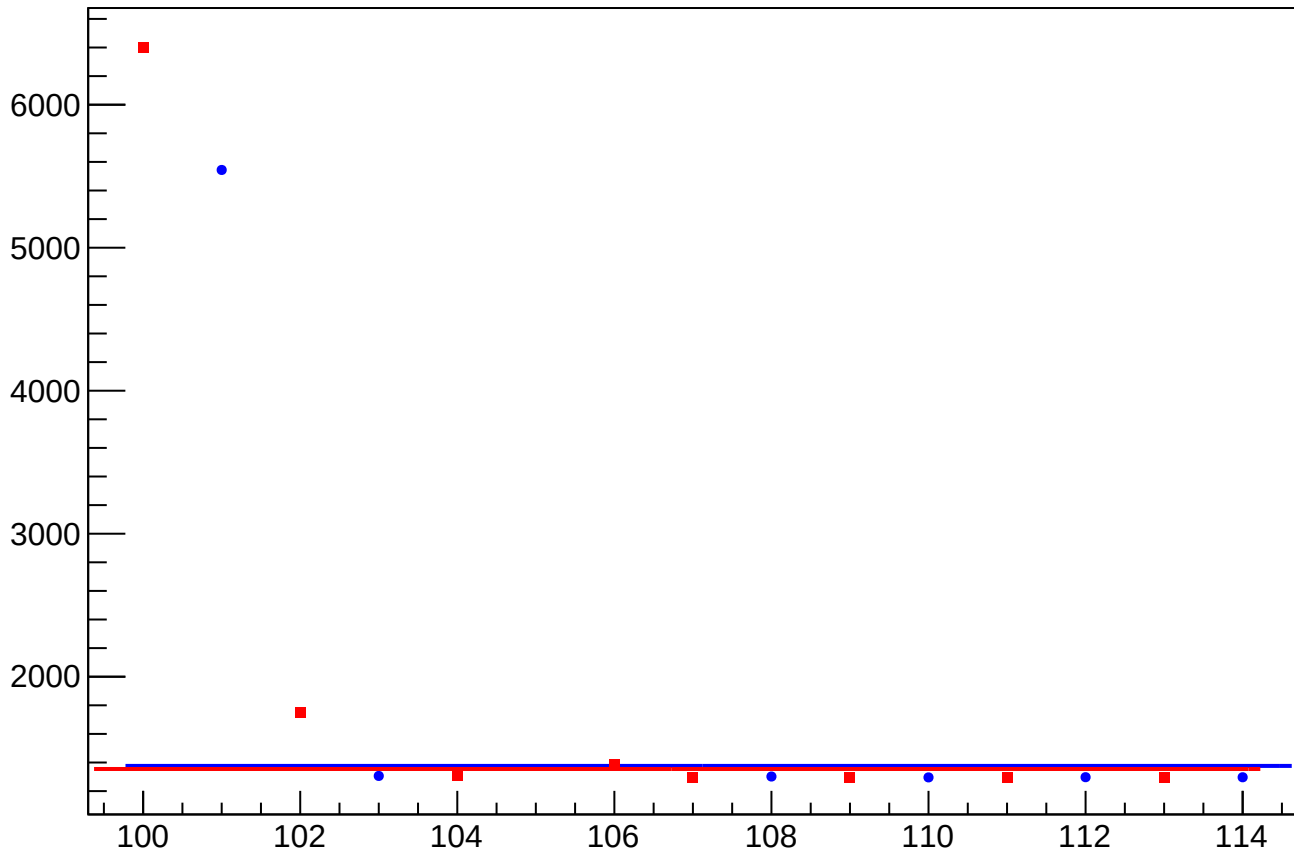
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.308+/-594.729 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1376.256 $\pm$ 0.646 χ^2 /NDF: 754438.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.726 $\pm$ 0.554 χ^2 /NDF: 144568.3/7

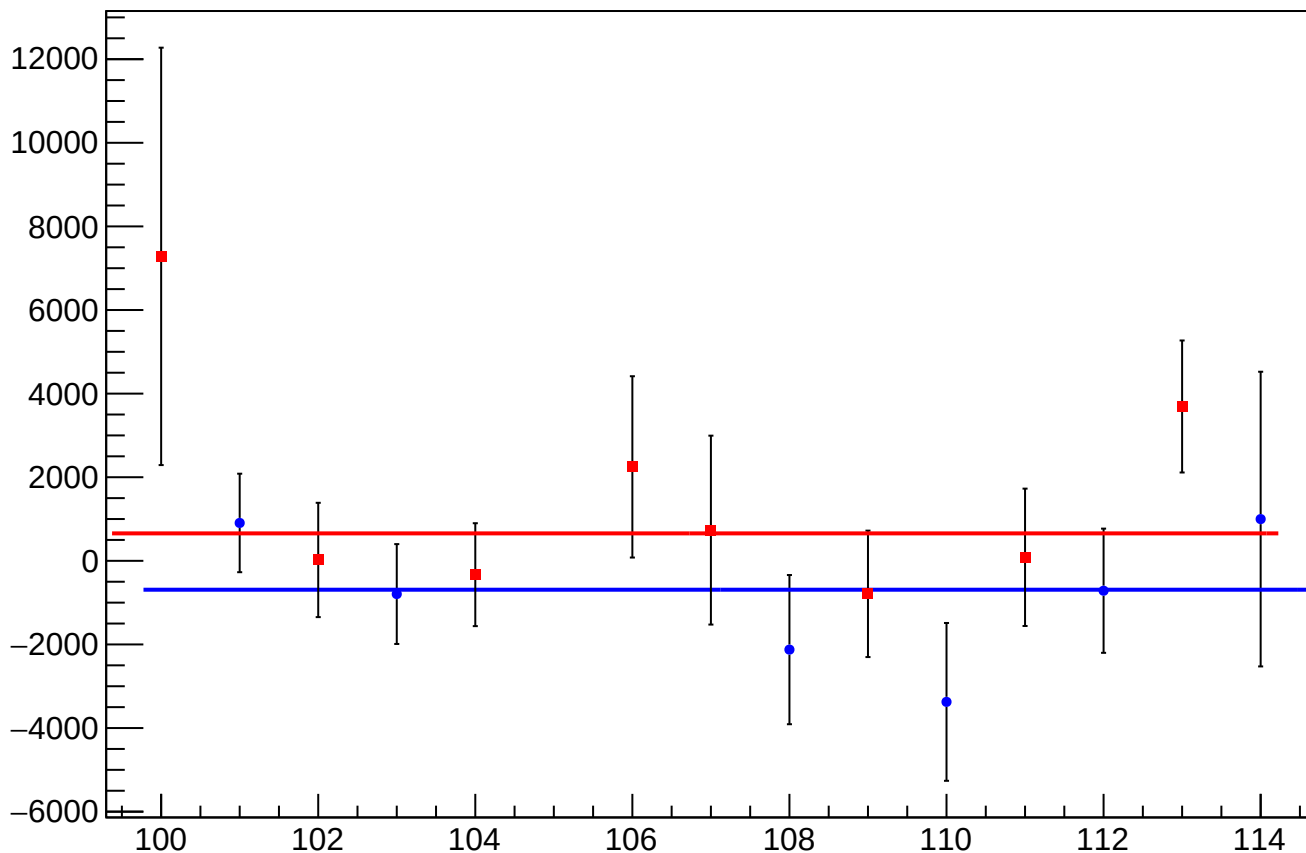
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1363.837 $\pm$ 0.421 χ^2 /NDF: 899646.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: -690.977+/-626.273 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.718+/-592.074 χ^2/NDF : 7.9/7

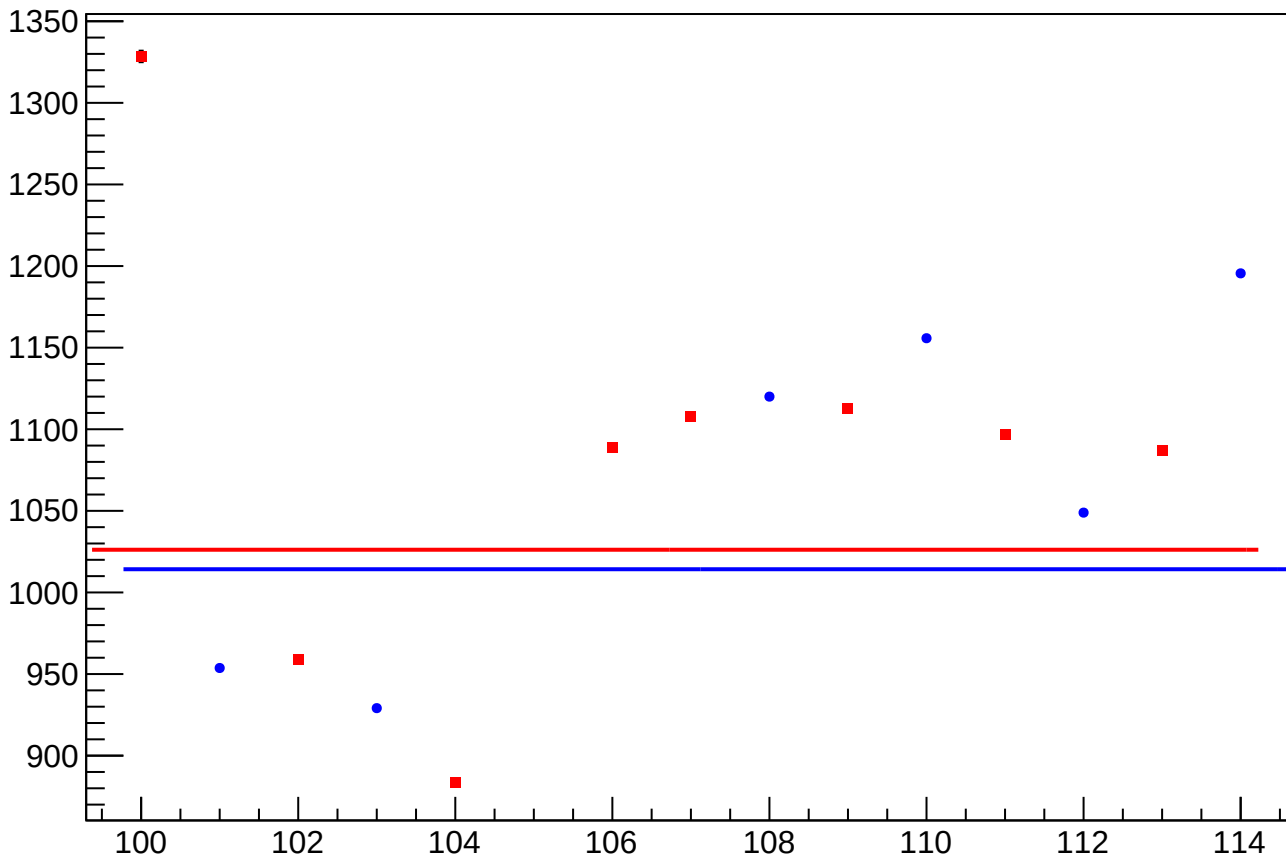
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.670+/-430.242 χ^2/NDF : 15.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



Right In: 1014.223+/-0.443 χ^2/NDF : 40087.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1026.172+/-0.419 χ^2/NDF : 56472.7/7

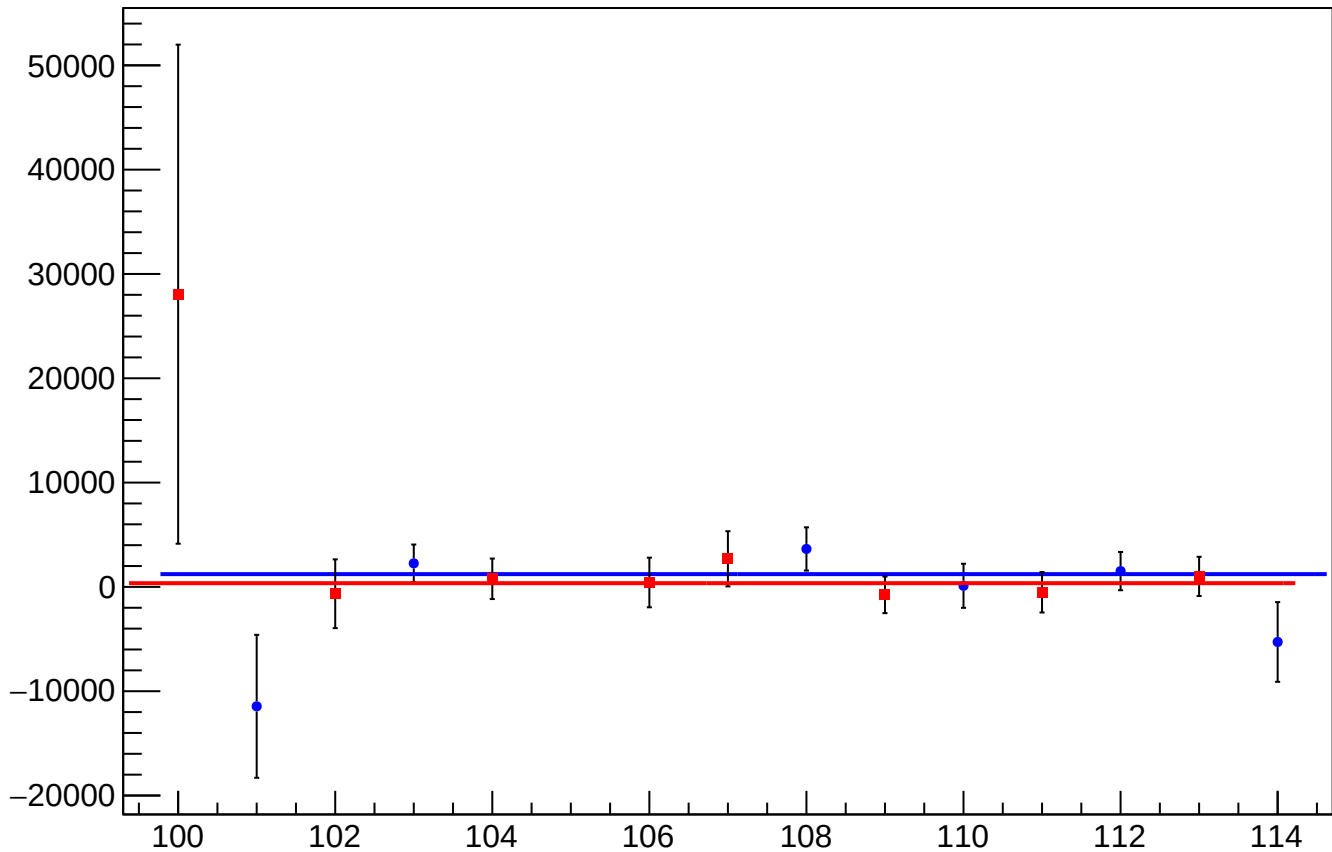
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.533+/-0.304 χ^2/NDF : 96944.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_mean vs Slug



Right In: 1225.087 $\pm$ 931.831 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 357.081 $\pm$ 802.432 χ^2 /NDF: 3.0/7

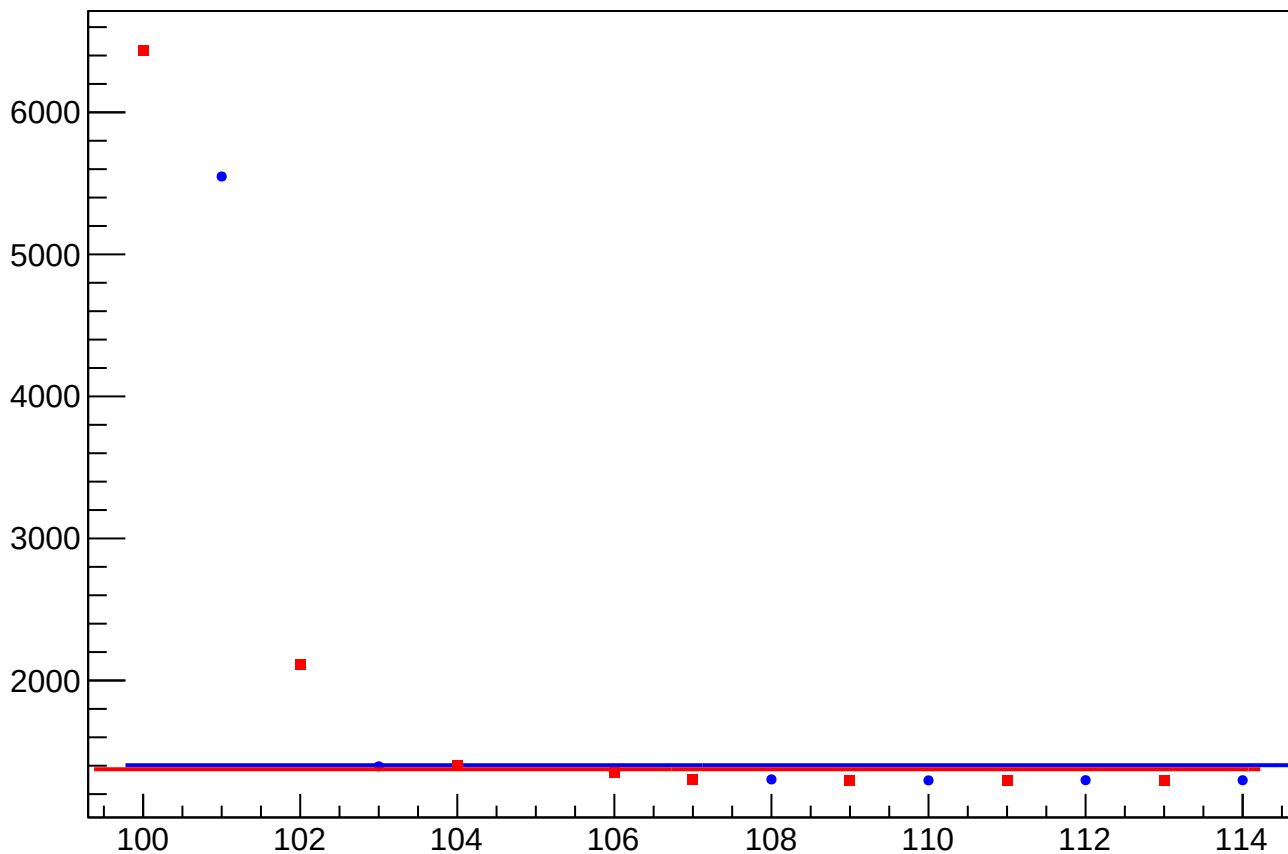
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 726.678 $\pm$ 608.051 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1403.559 $\pm$ 0.659 χ^2 /NDF: 749619.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1375.075 $\pm$ 0.567 χ^2 /NDF: 201560.3/7

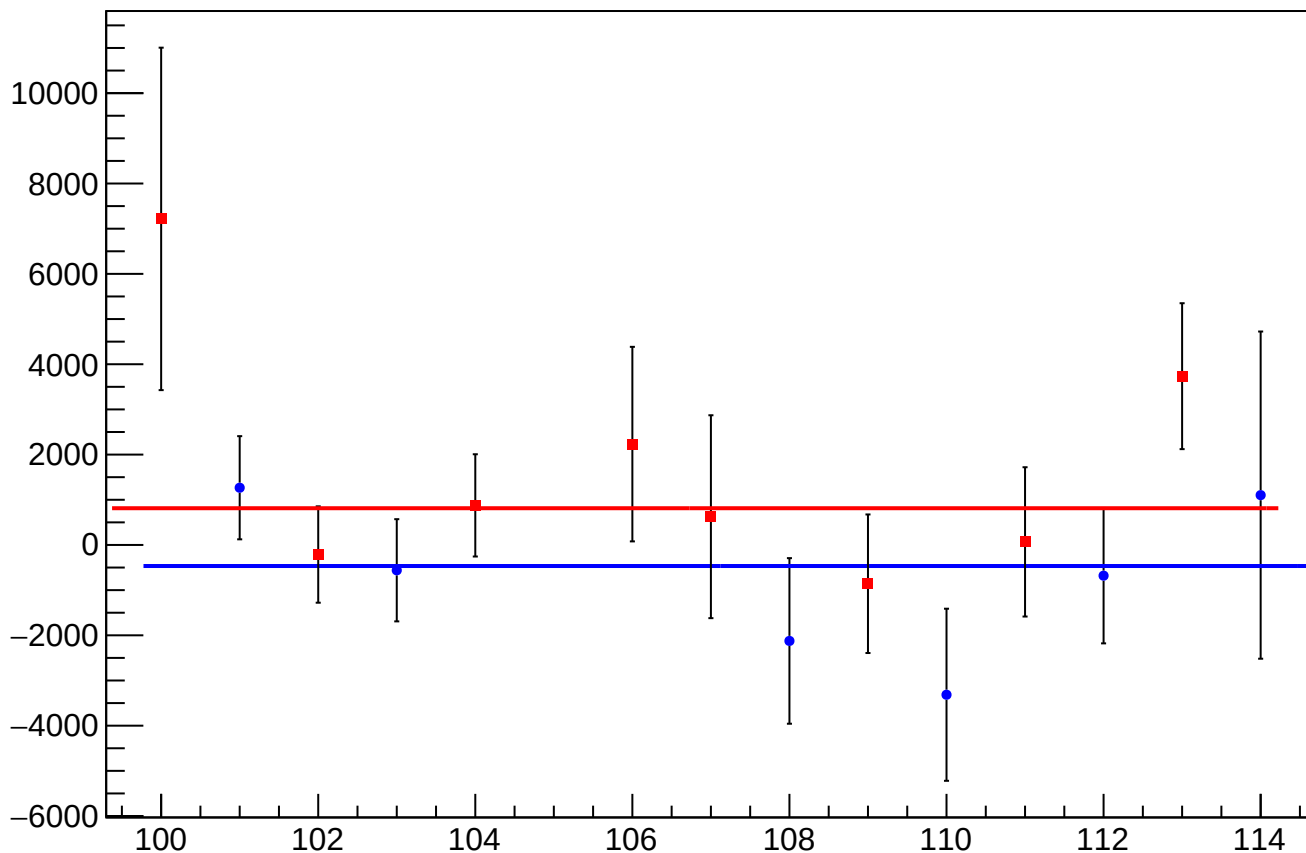
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1387.204 $\pm$ 0.430 χ^2 /NDF: 952252.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: -466.132+/-615.012 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 812.914+/-548.903 χ^2/NDF : 8.9/7

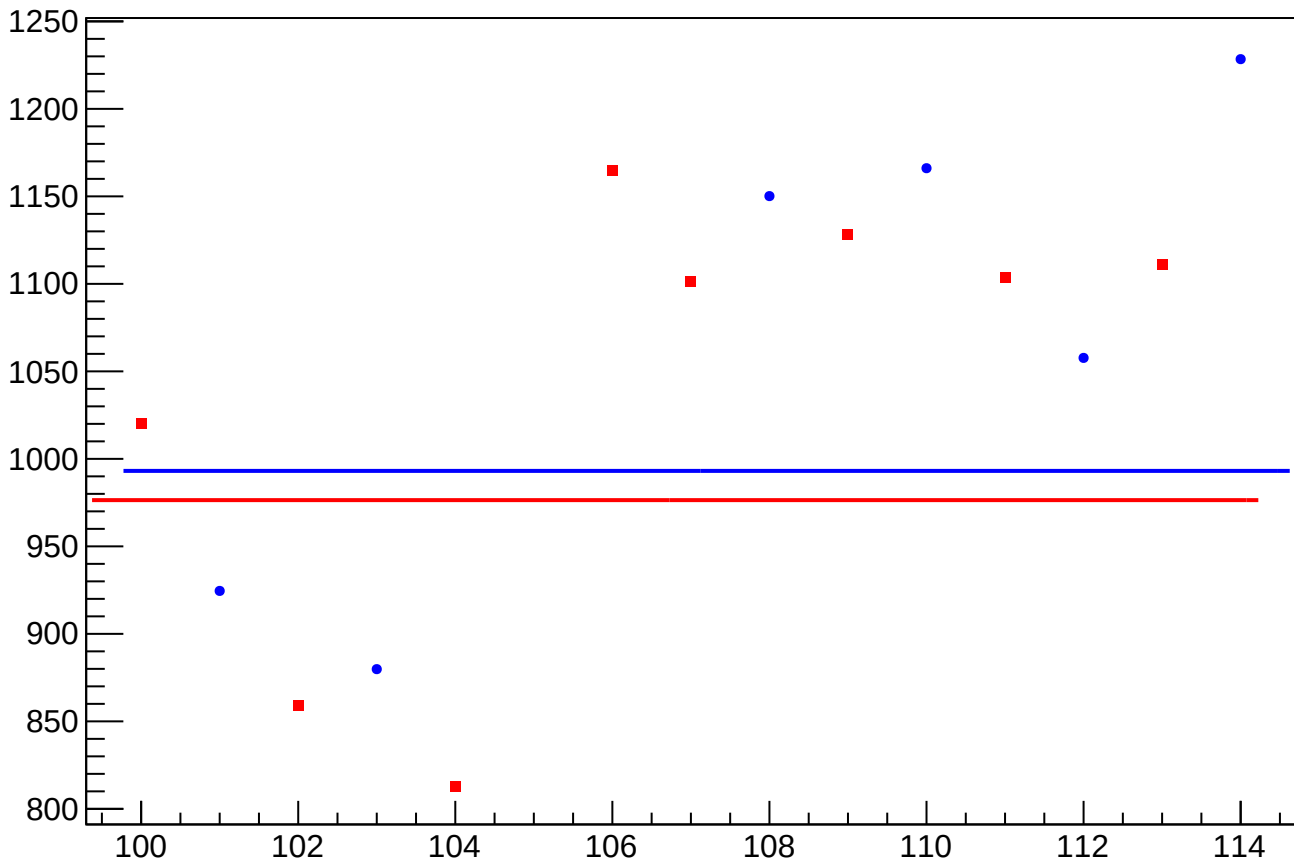
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.806+/-409.519 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 993.123+/-0.435 χ^2/NDF : 70616.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.417+/-0.388 χ^2/NDF : 133228.6/7

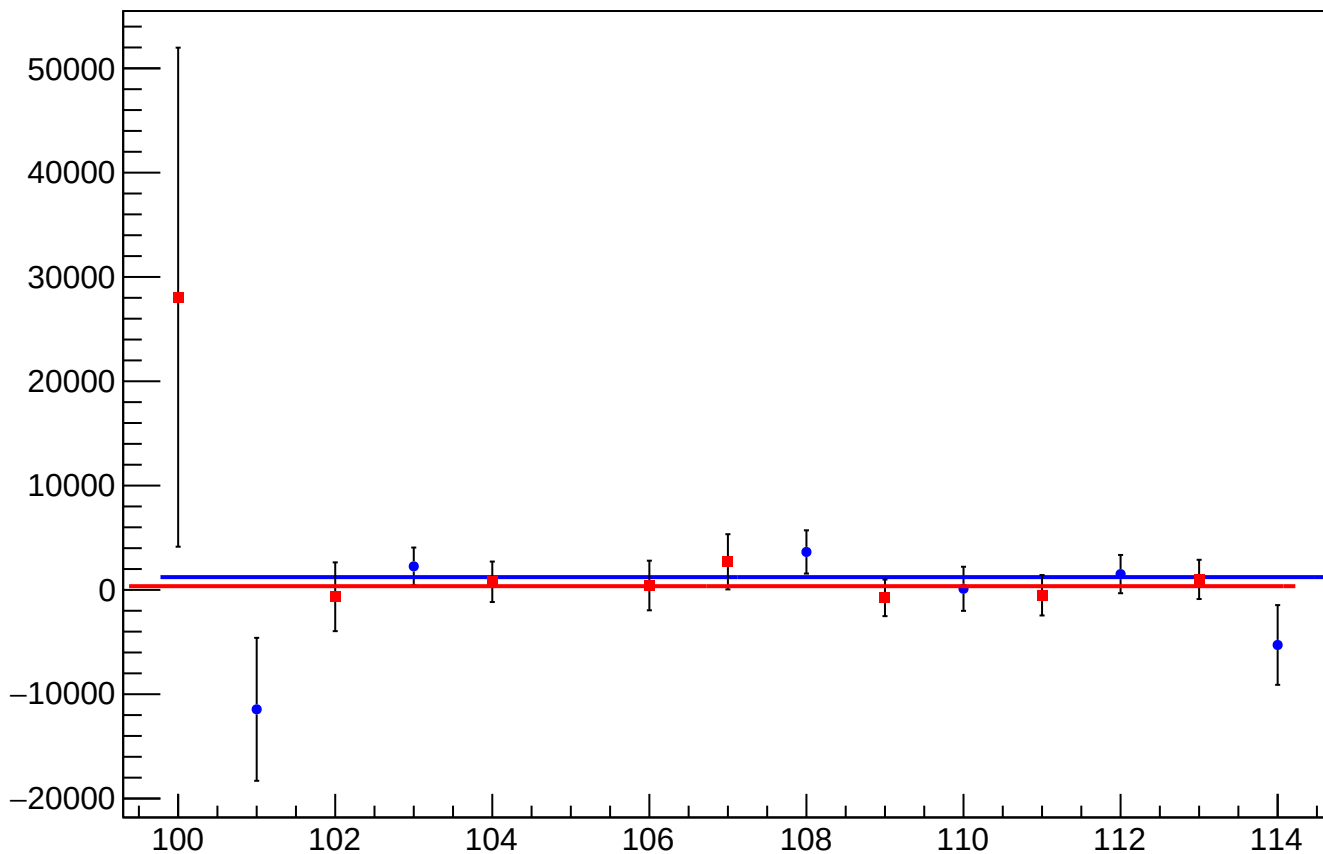
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.824+/-0.290 χ^2/NDF : 204666.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 1225.089 $\pm$ 931.831 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 357.078 $\pm$ 802.431 χ^2 /NDF: 3.0/7

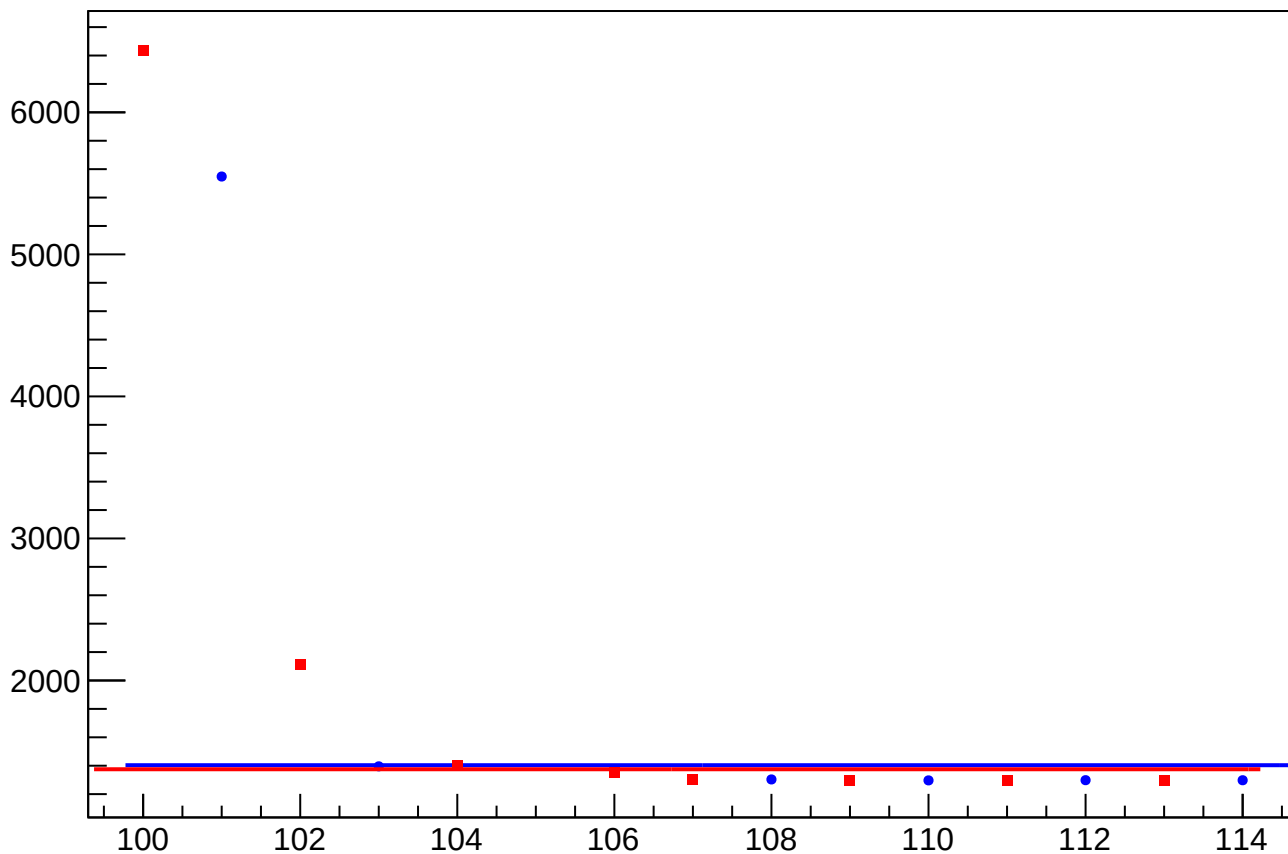
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 726.677 $\pm$ 608.051 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1403.559+/-0.659 χ^2/NDF : 749619.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1375.075+/-0.567 χ^2/NDF : 201560.2/7

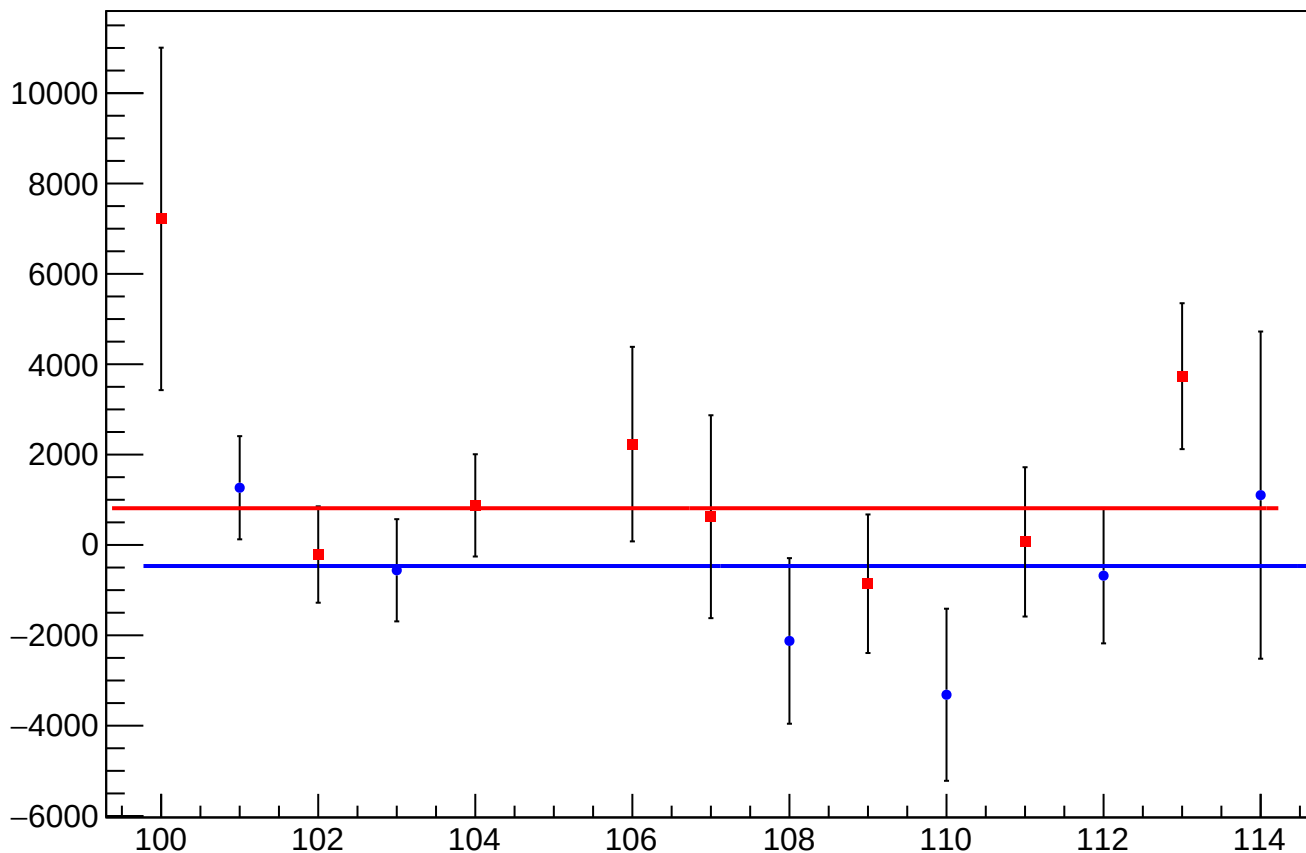
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.204+/-0.430 χ^2/NDF : 952252.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



Right In: -466.132+/-615.012 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 812.915+/-548.903 χ^2/NDF : 8.9/7

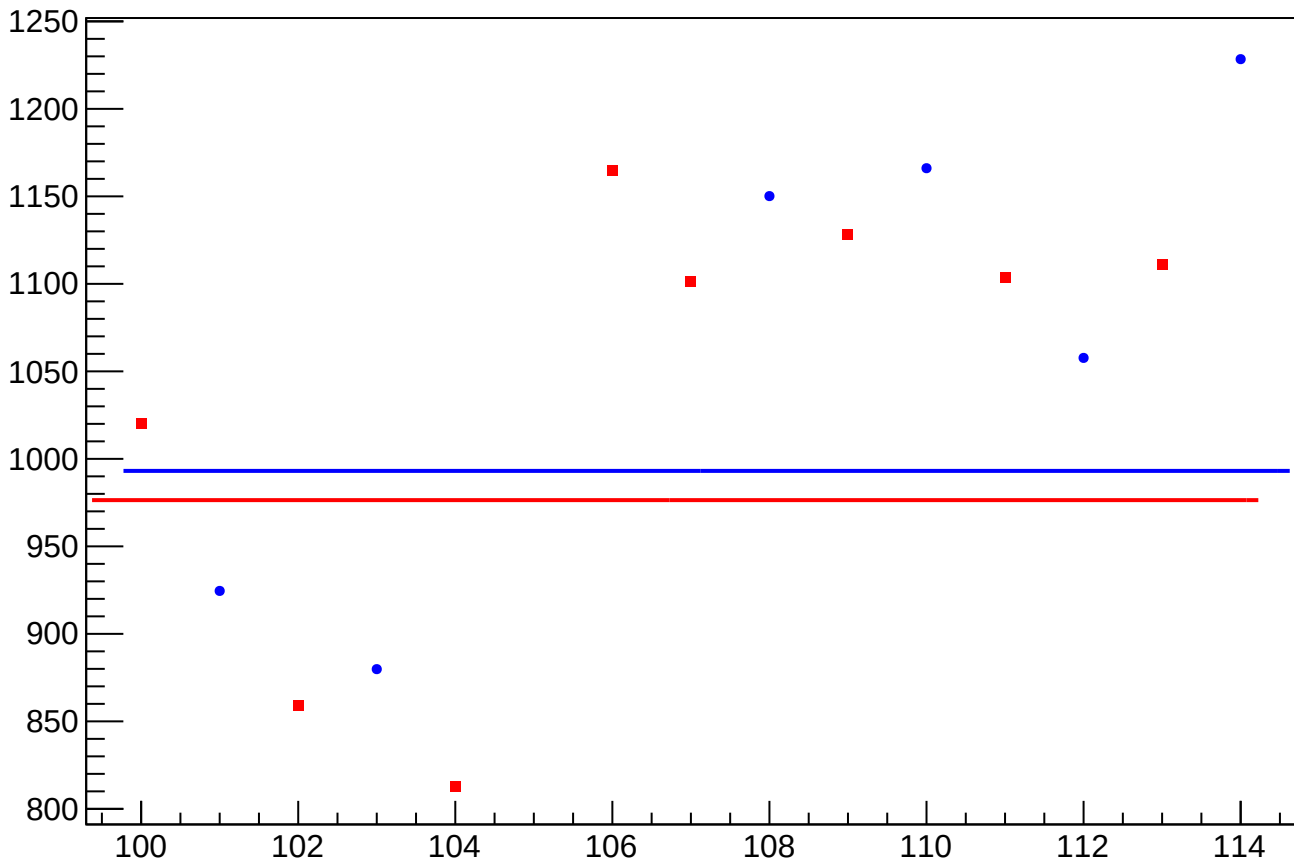
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.806+/-409.518 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 993.122 $\pm$ 0.435 χ^2 /NDF: 70614.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 976.418 $\pm$ 0.388 χ^2 /NDF: 133224.8/7

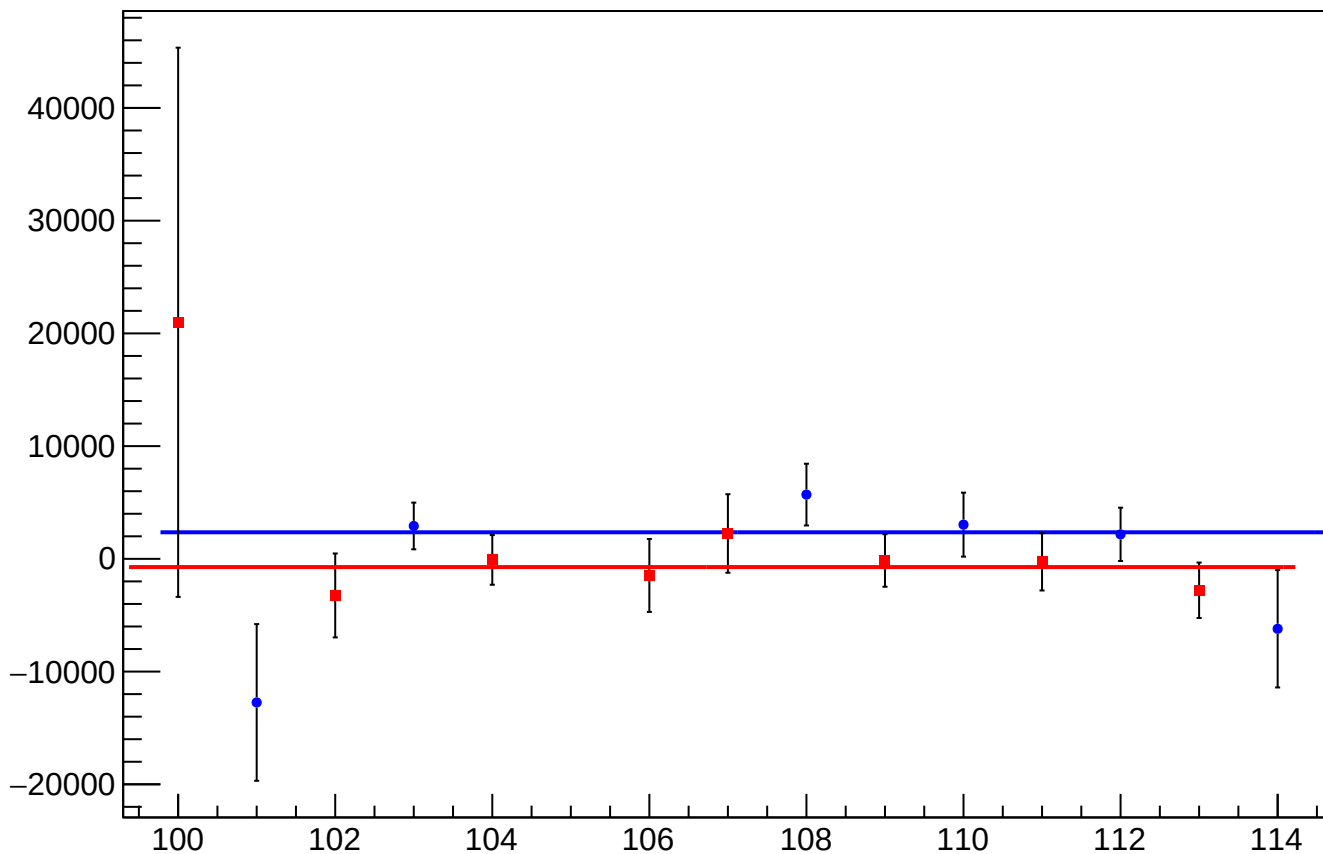
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.824 $\pm$ 0.290 χ^2 /NDF: 204660.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_mean vs Slug



Right In: 2356.446 $\pm$ 1172.759 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -730.004 $\pm$ 1019.561 χ^2 /NDF: 2.9/7

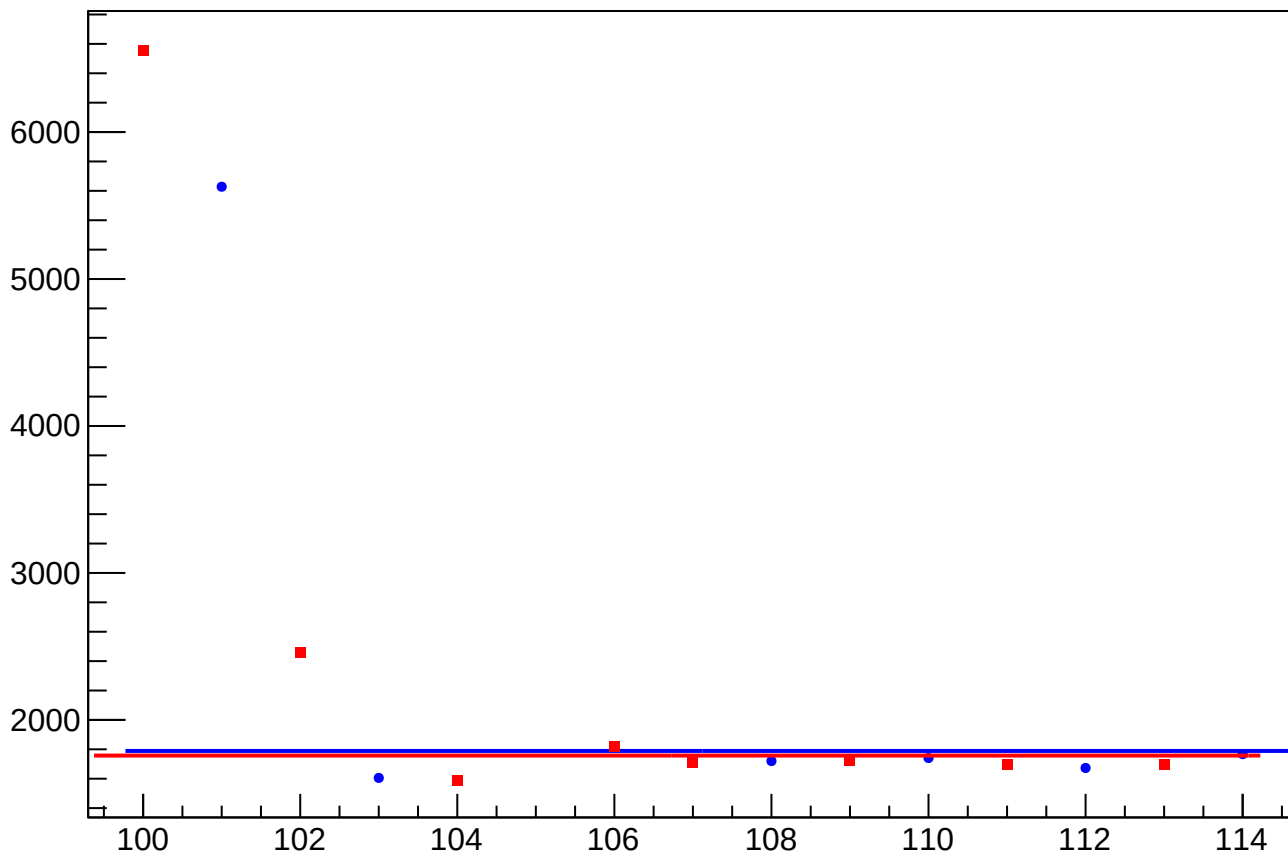
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 598.590 $\pm$ 769.441 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1788.957+/-0.829 χ^2/NDF : 632548.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.477+/-0.721 χ^2/NDF : 164048.4/7

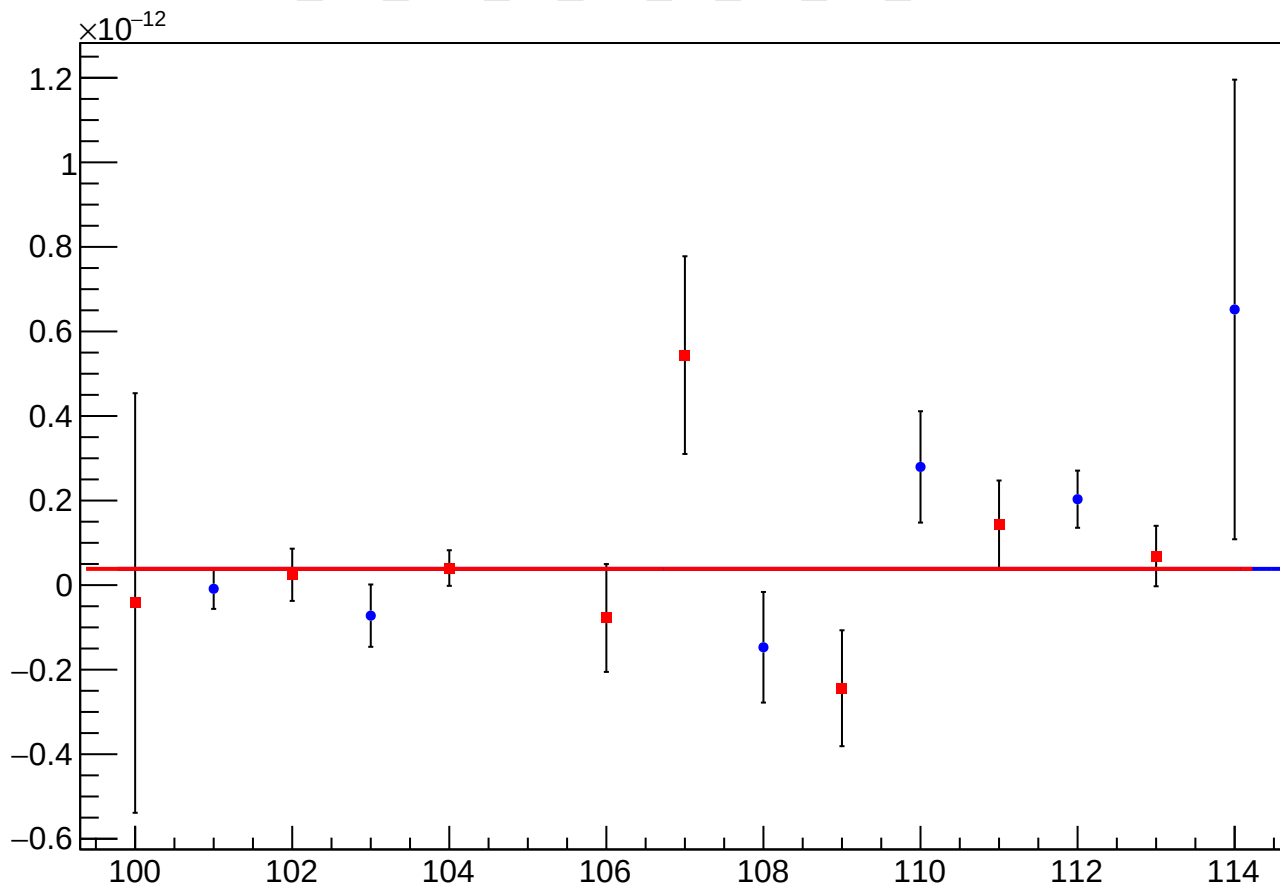
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1771.028+/-0.544 χ^2/NDF : 797417.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/7

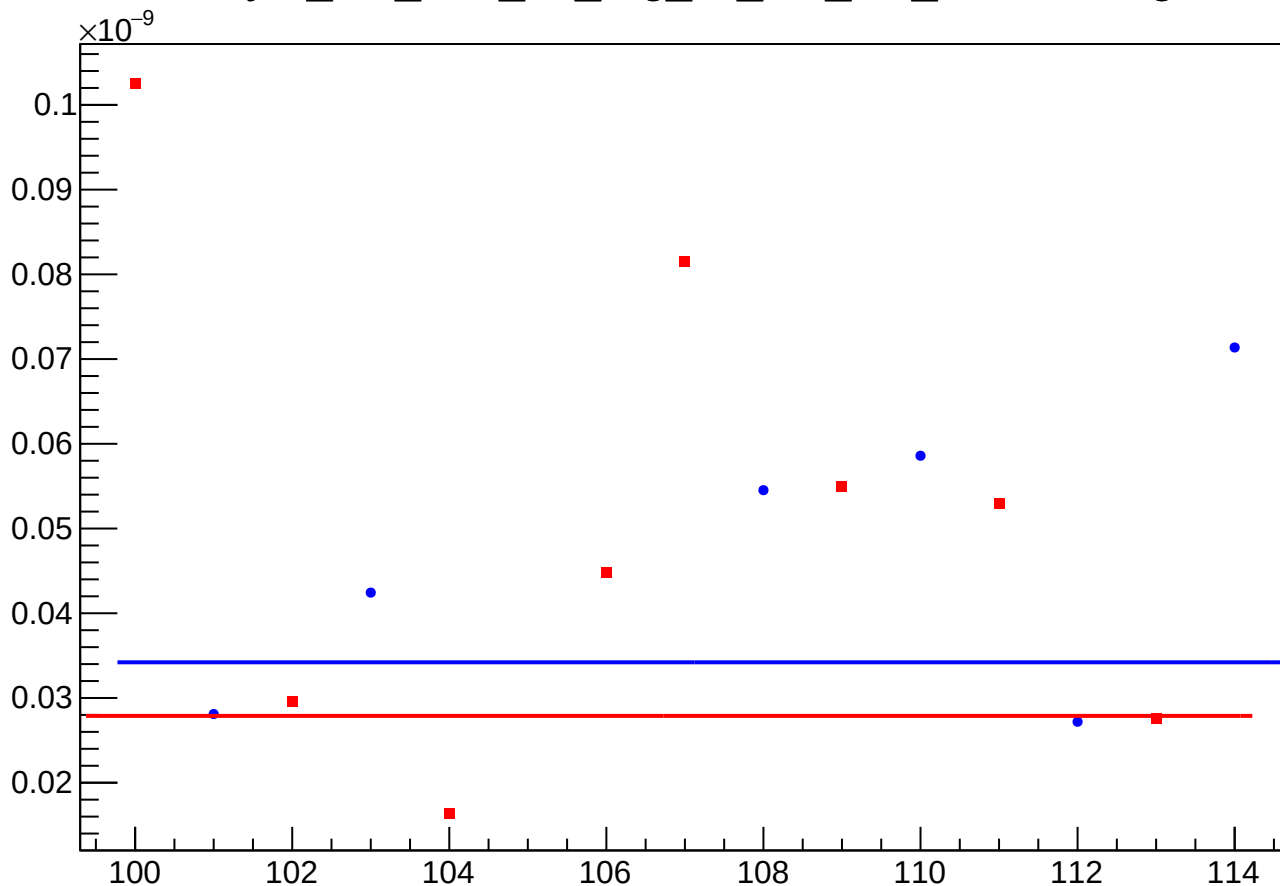
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 205460.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 533239.1/7

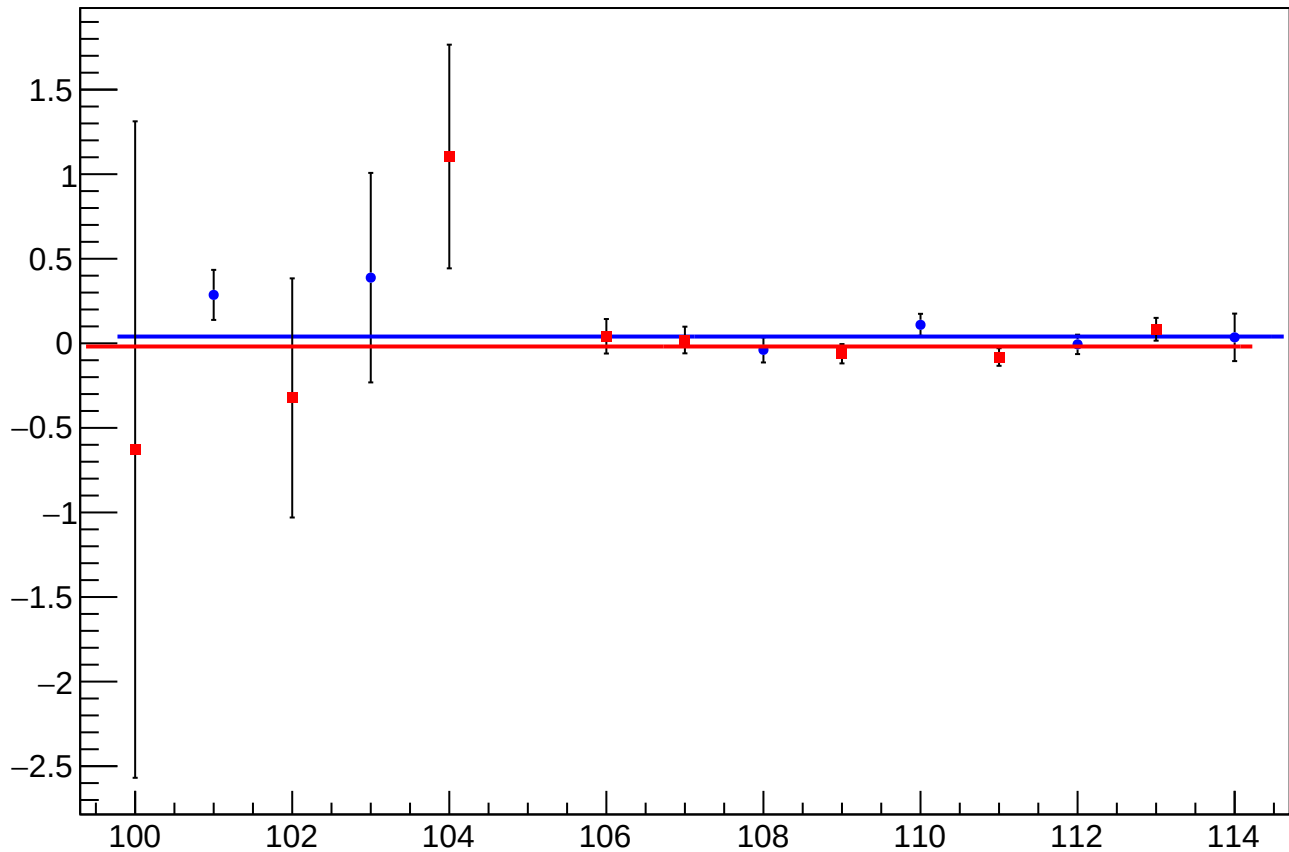
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 782273.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.040 $\pm$ 0.035 χ^2 /NDF: 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.029 χ^2 /NDF: 8.0/7

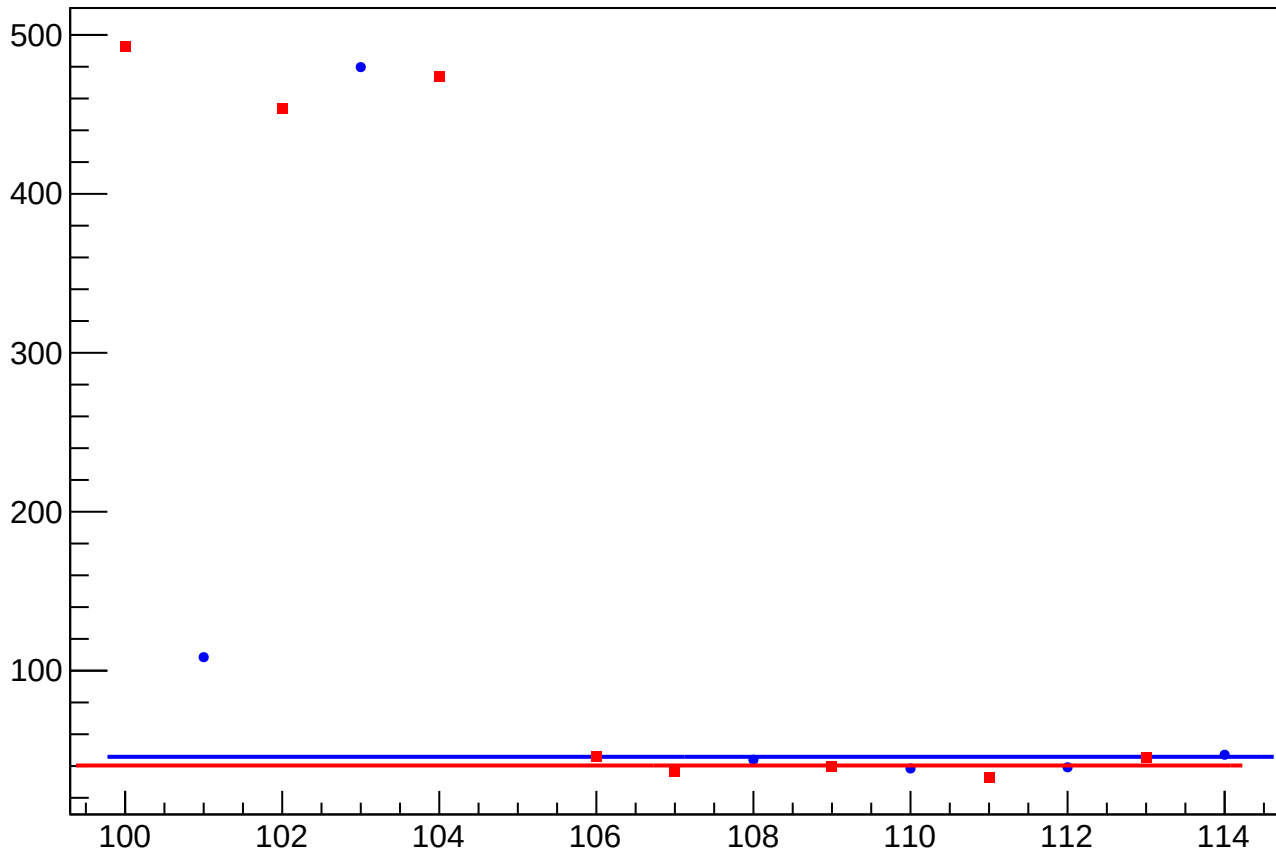
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.022 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 45.805 $\pm$ 0.025 χ^2 /NDF: 1394090.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.347 $\pm$ 0.021 χ^2 /NDF: 1715879.8/7

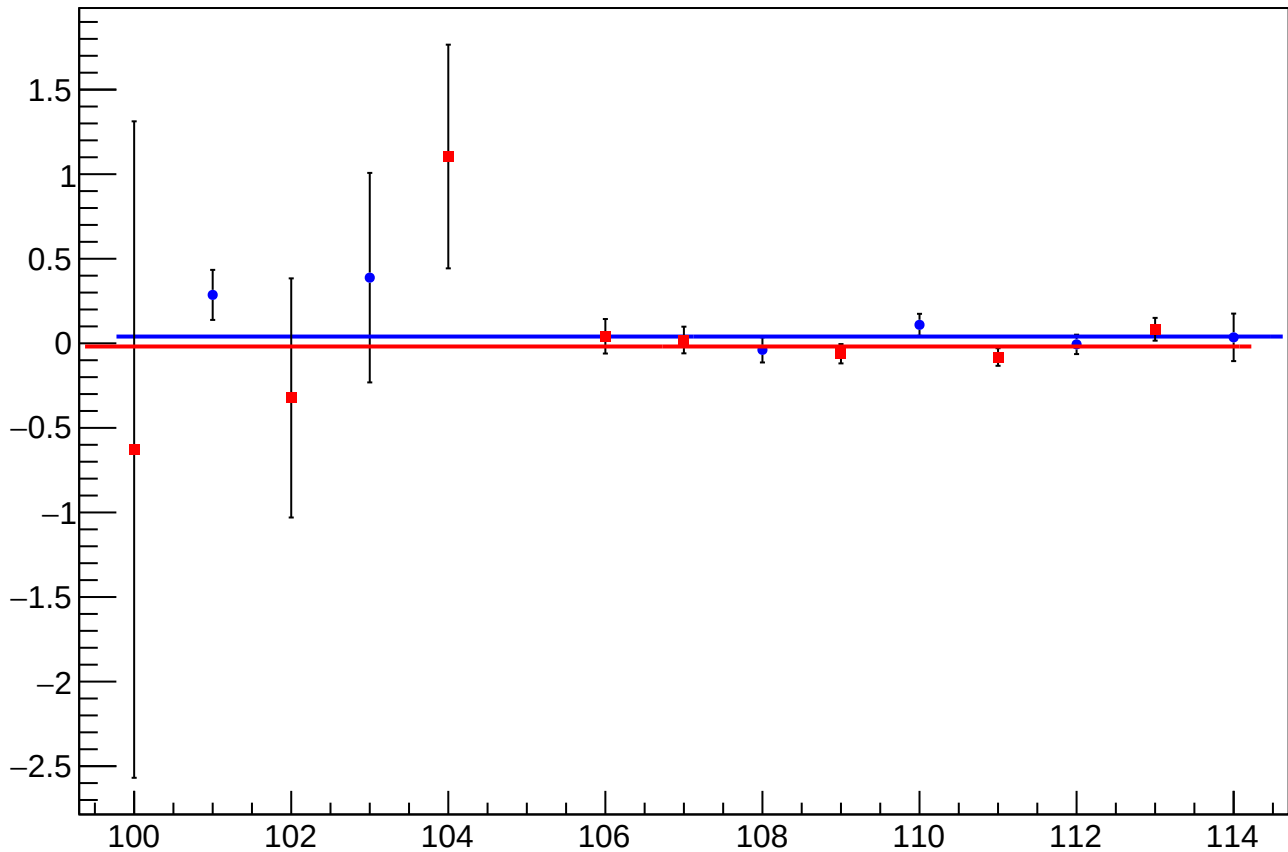
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.606 $\pm$ 0.016 χ^2 /NDF: 3138572.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.040 $\pm$ 0.035 χ^2 /NDF: 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.029 χ^2 /NDF: 8.0/7

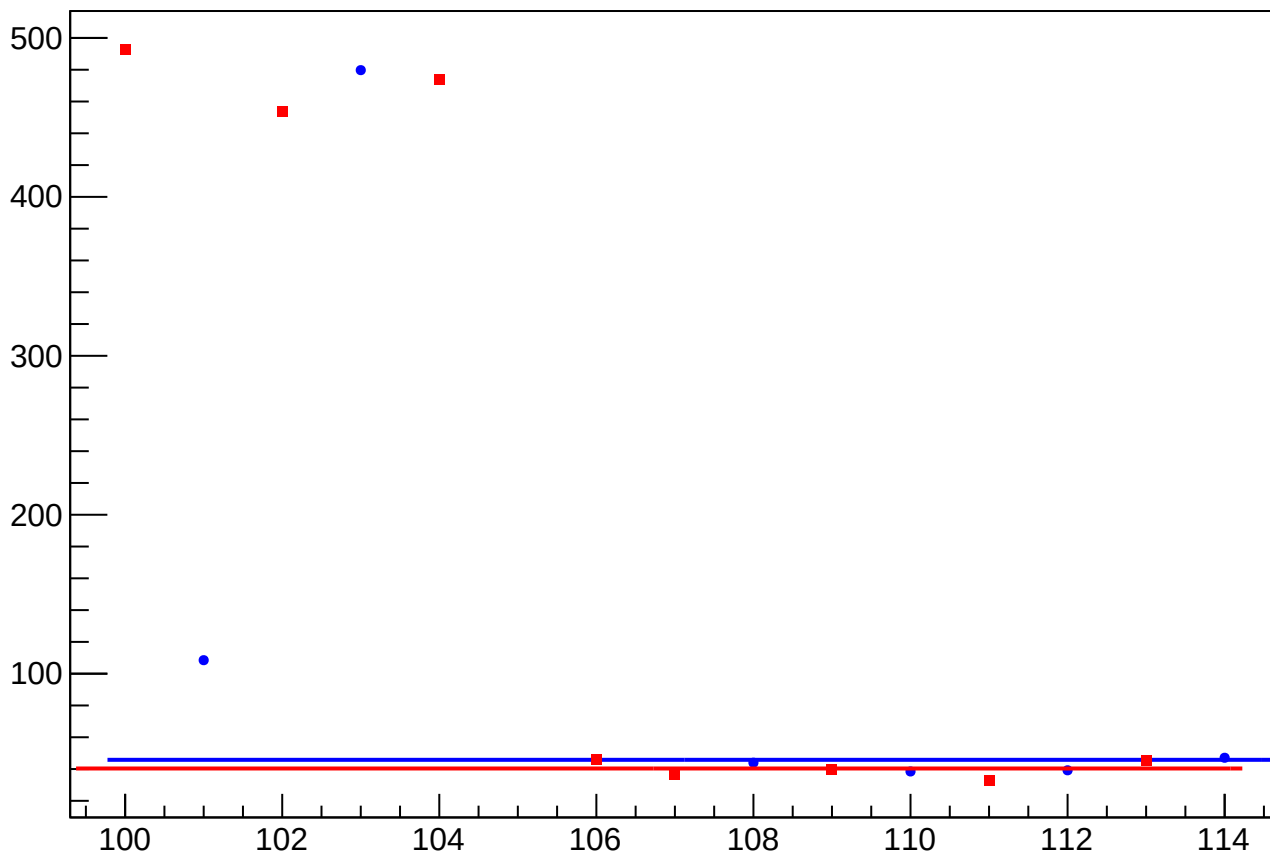
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.022 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.805+/-0.025 χ^2/NDF : 1394090.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.347+/-0.021 χ^2/NDF : 1715879.8/7

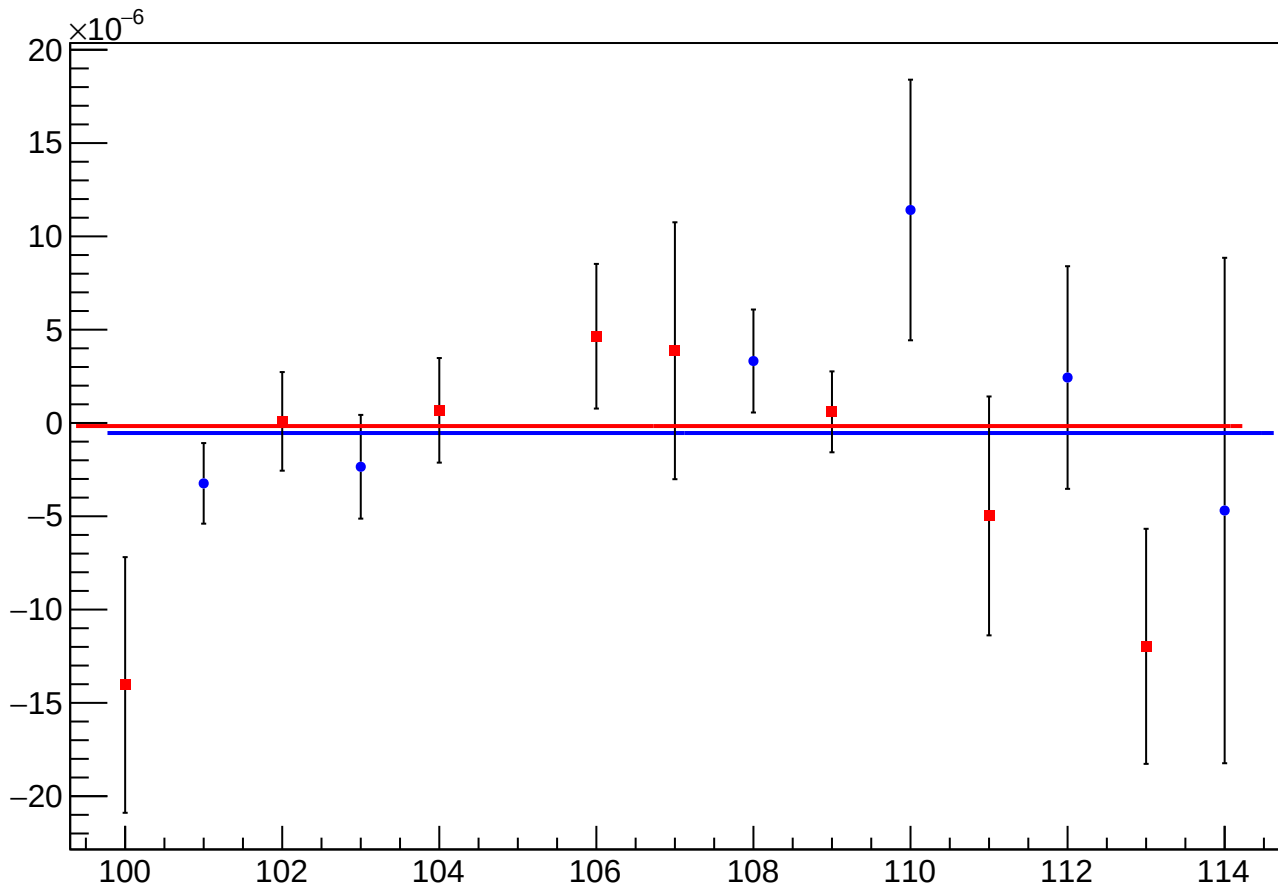
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.606+/-0.016 χ^2/NDF : 3138572.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

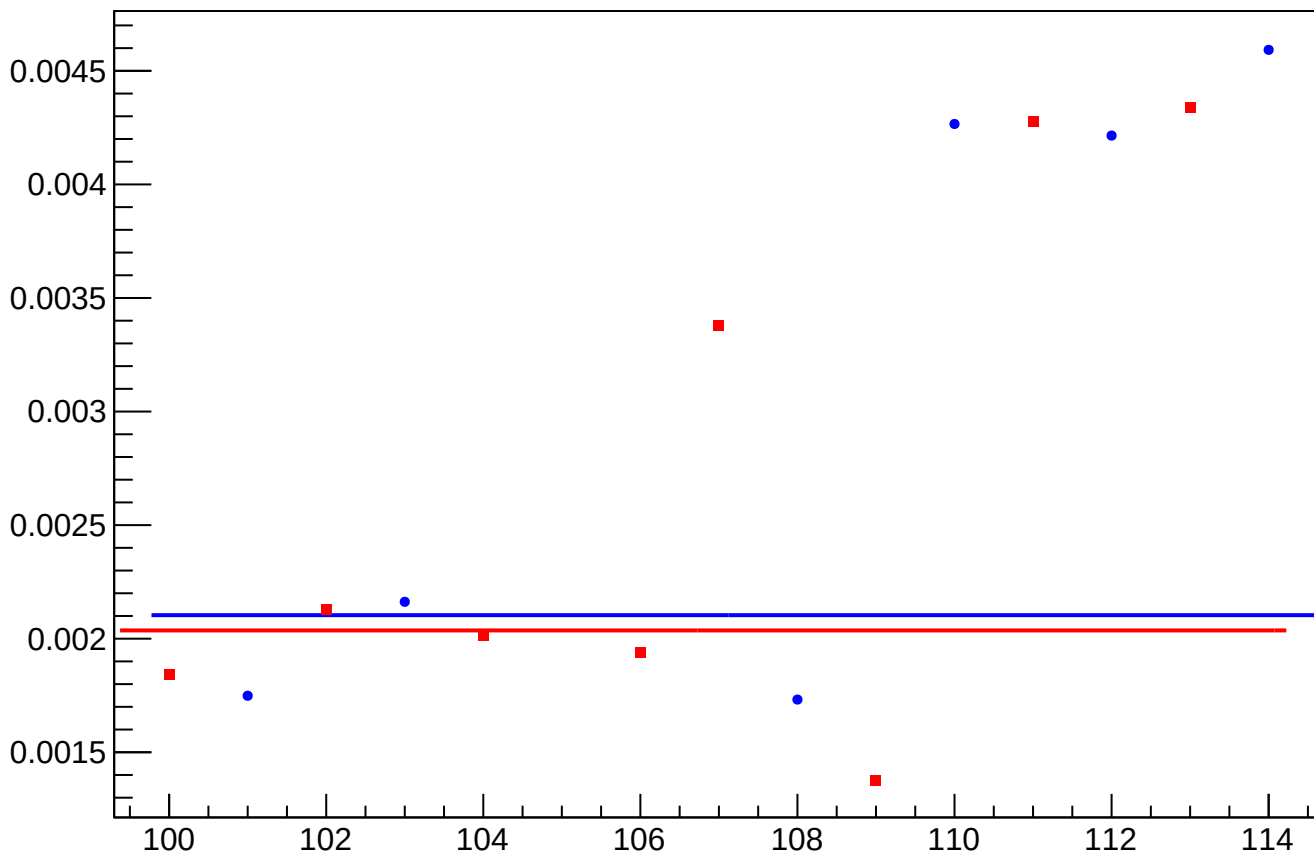
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 600990.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 778684.8/7

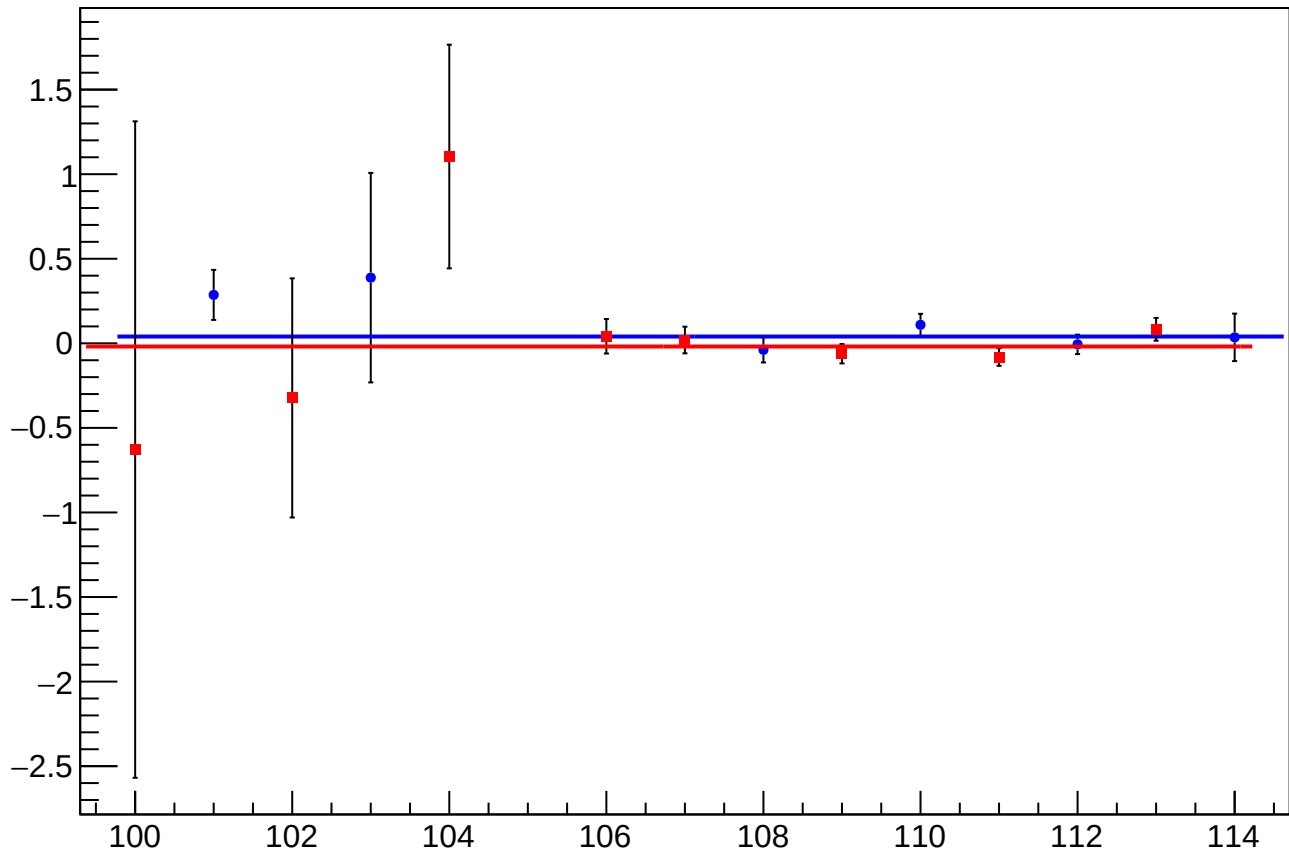
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1382289.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.040 $\pm$ 0.035 χ^2 /NDF: 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.029 χ^2 /NDF: 8.0/7

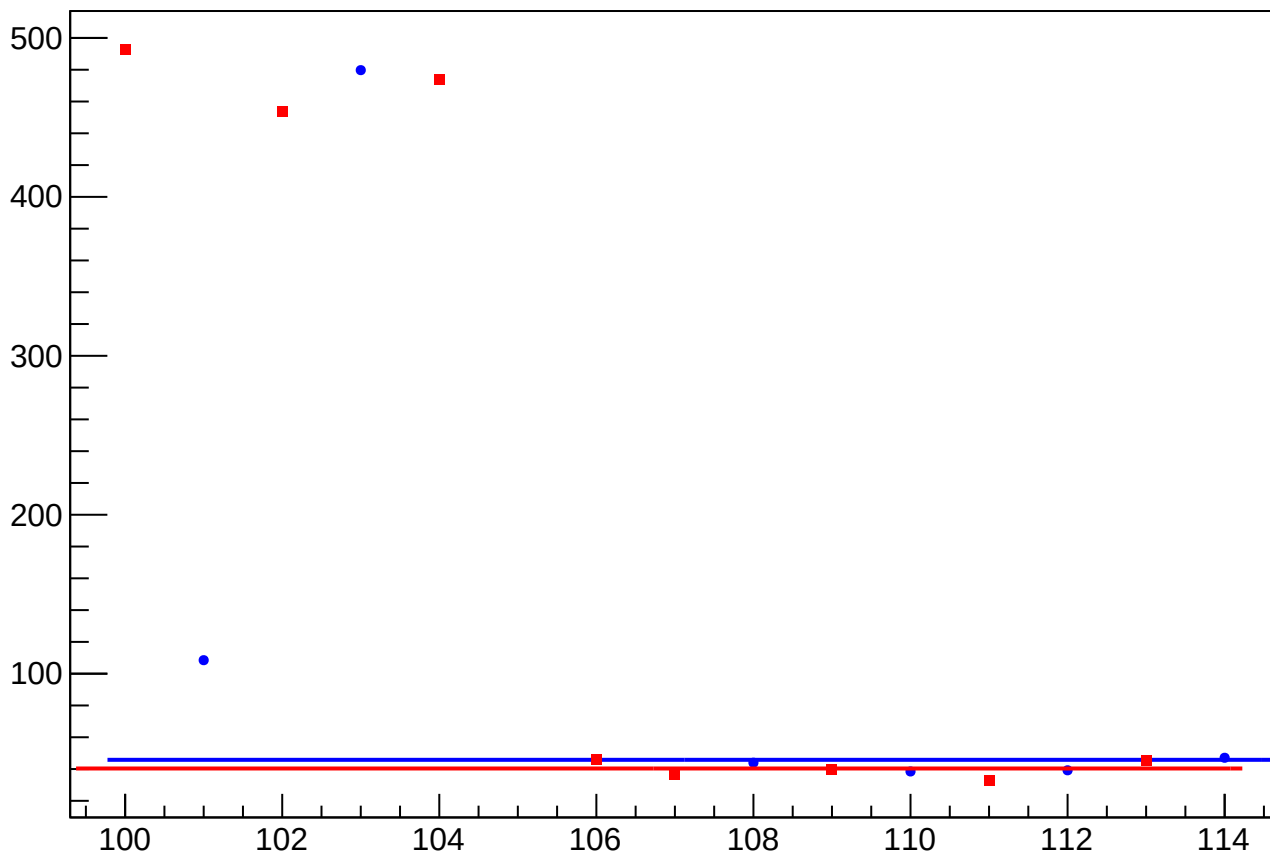
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.022 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 45.805 $\pm$ 0.025 χ^2 /NDF: 1394097.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.347 $\pm$ 0.021 χ^2 /NDF: 1715877.8/7

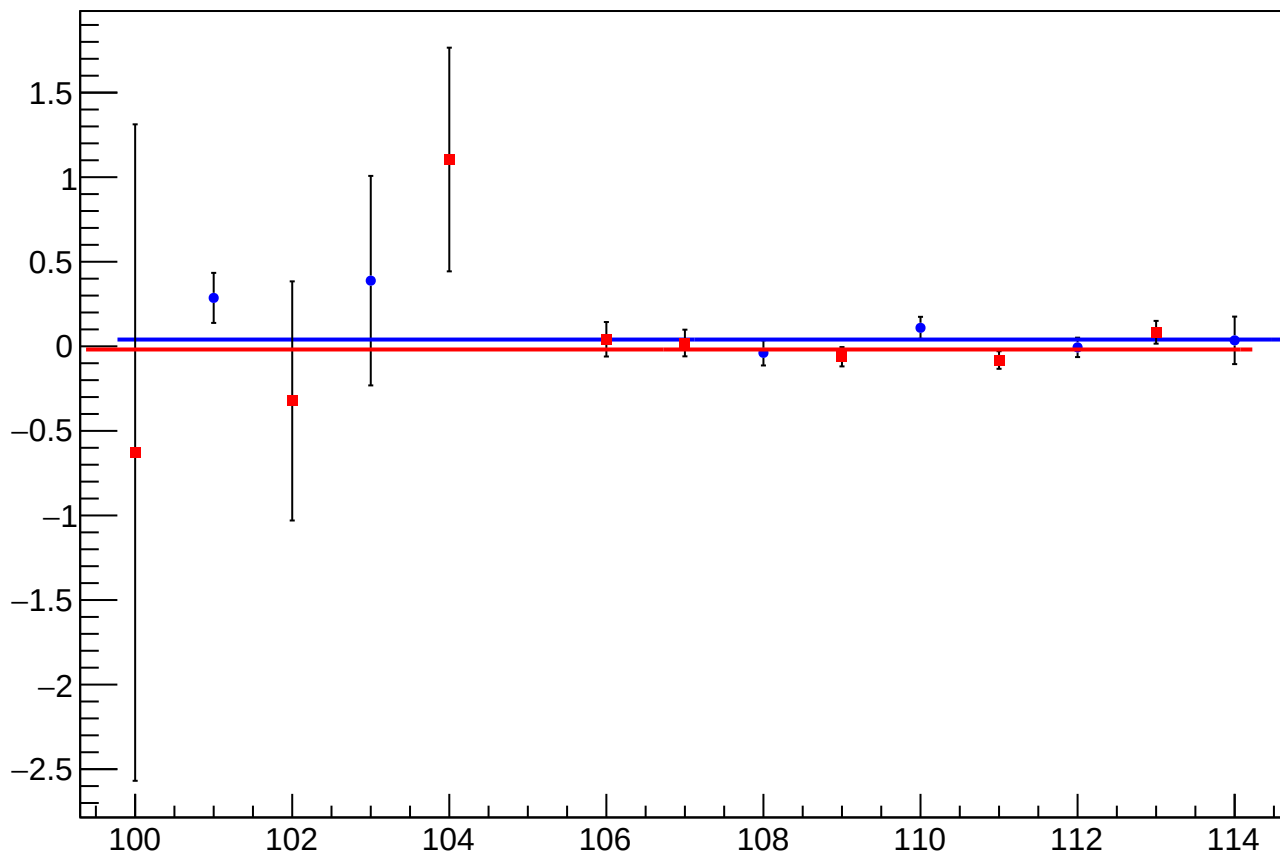
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.605 $\pm$ 0.016 χ^2 /NDF: 3138578.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.040 $\pm$ 0.035 χ^2 /NDF: 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.029 χ^2 /NDF: 8.0/7

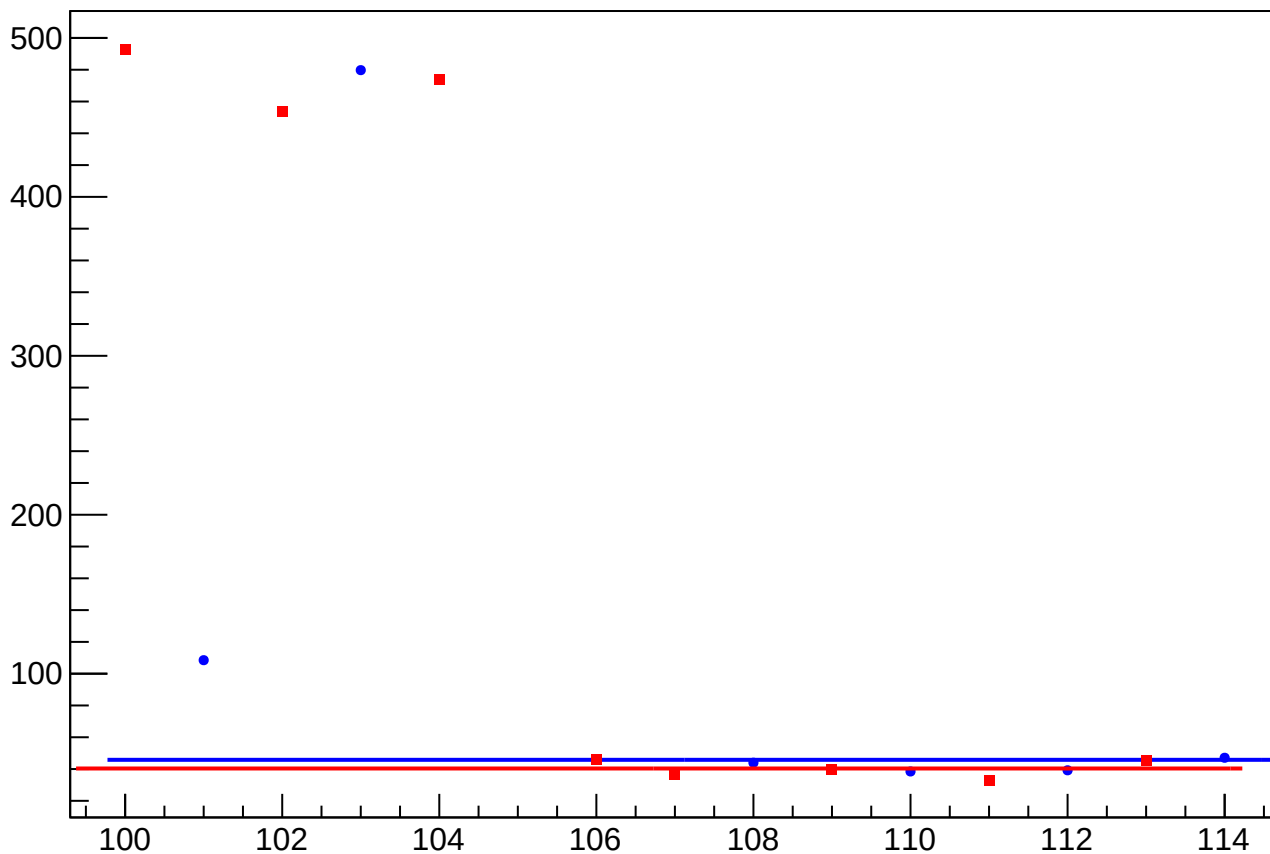
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.022 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.805 $\pm$ 0.025 χ^2 /NDF: 1394097.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.347 $\pm$ 0.021 χ^2 /NDF: 1715877.8/7

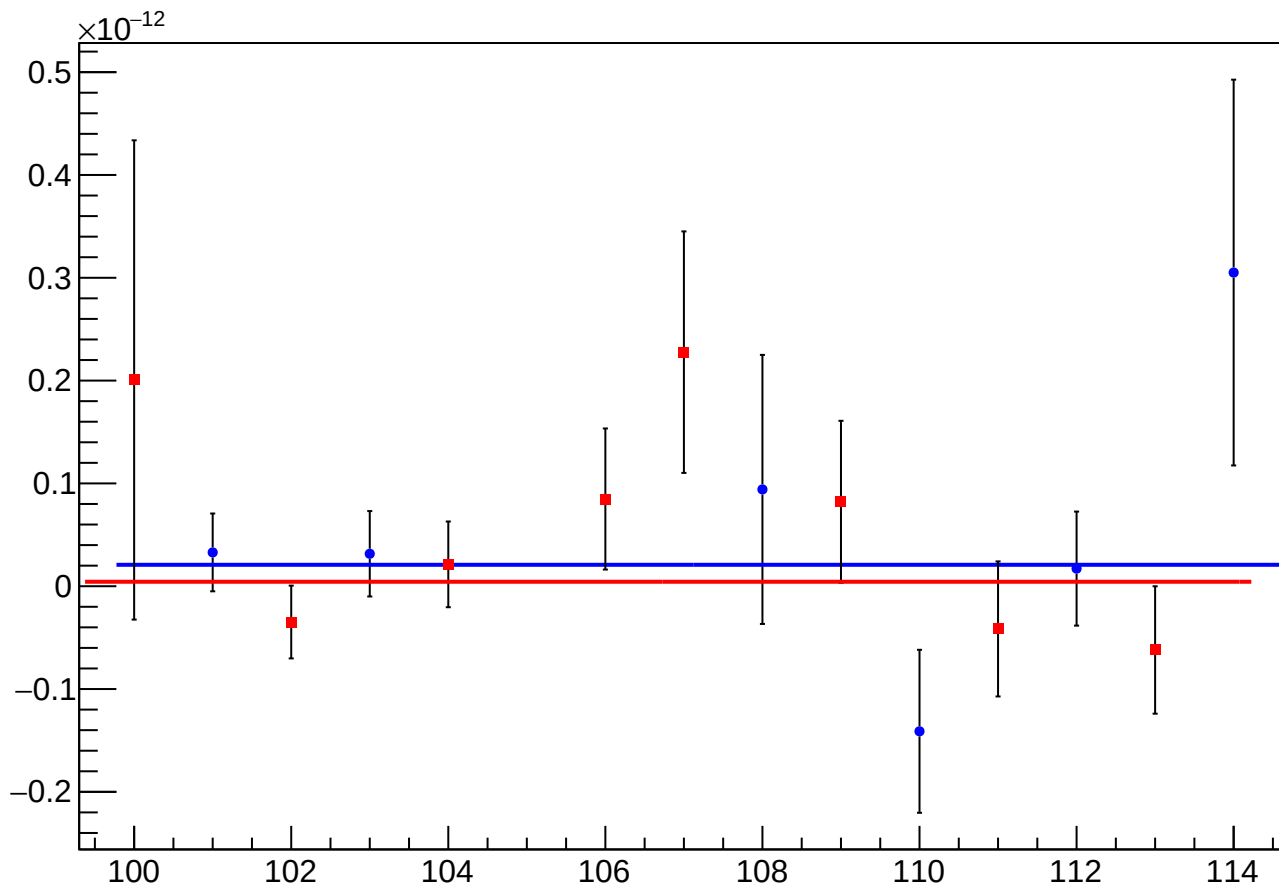
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.605 $\pm$ 0.016 χ^2 /NDF: 3138578.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/7

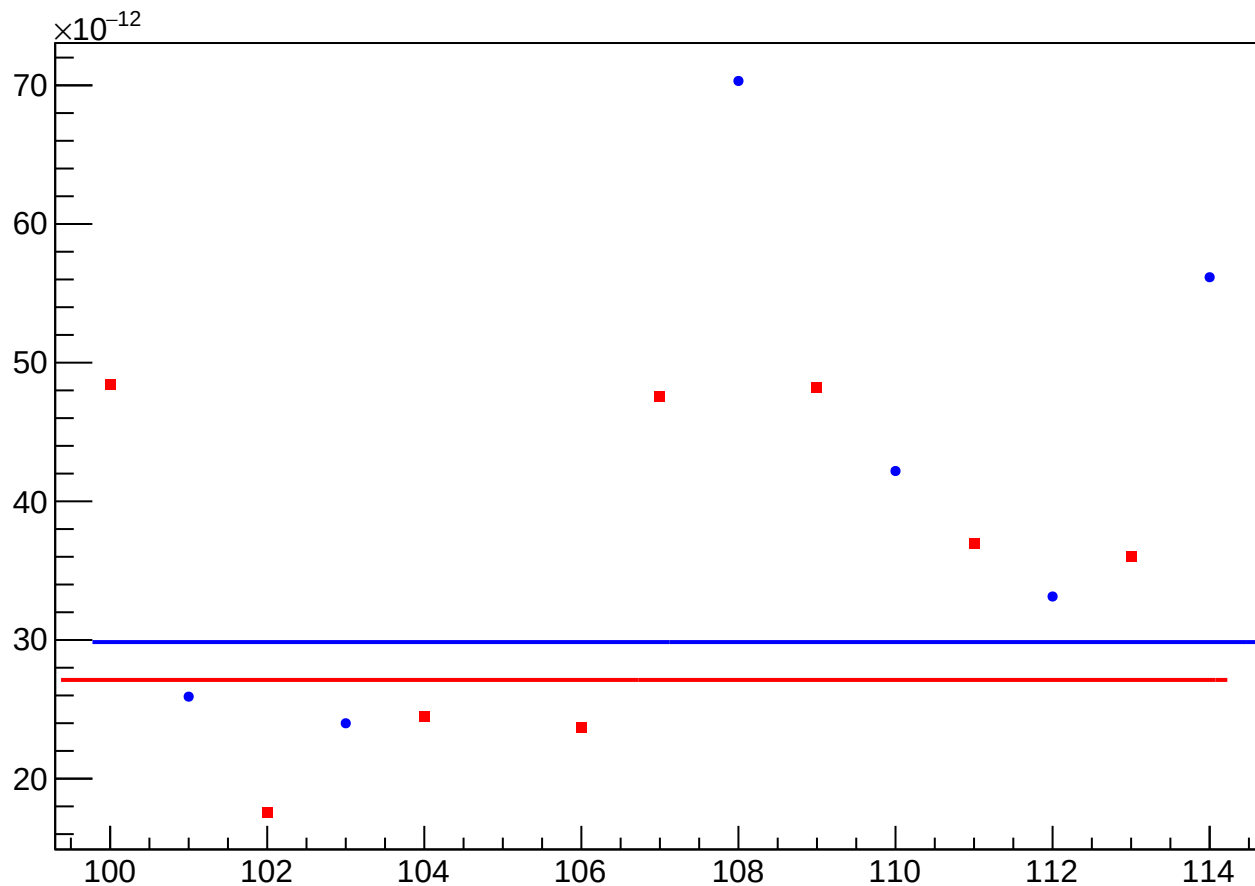
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 347476.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 466139.6/7

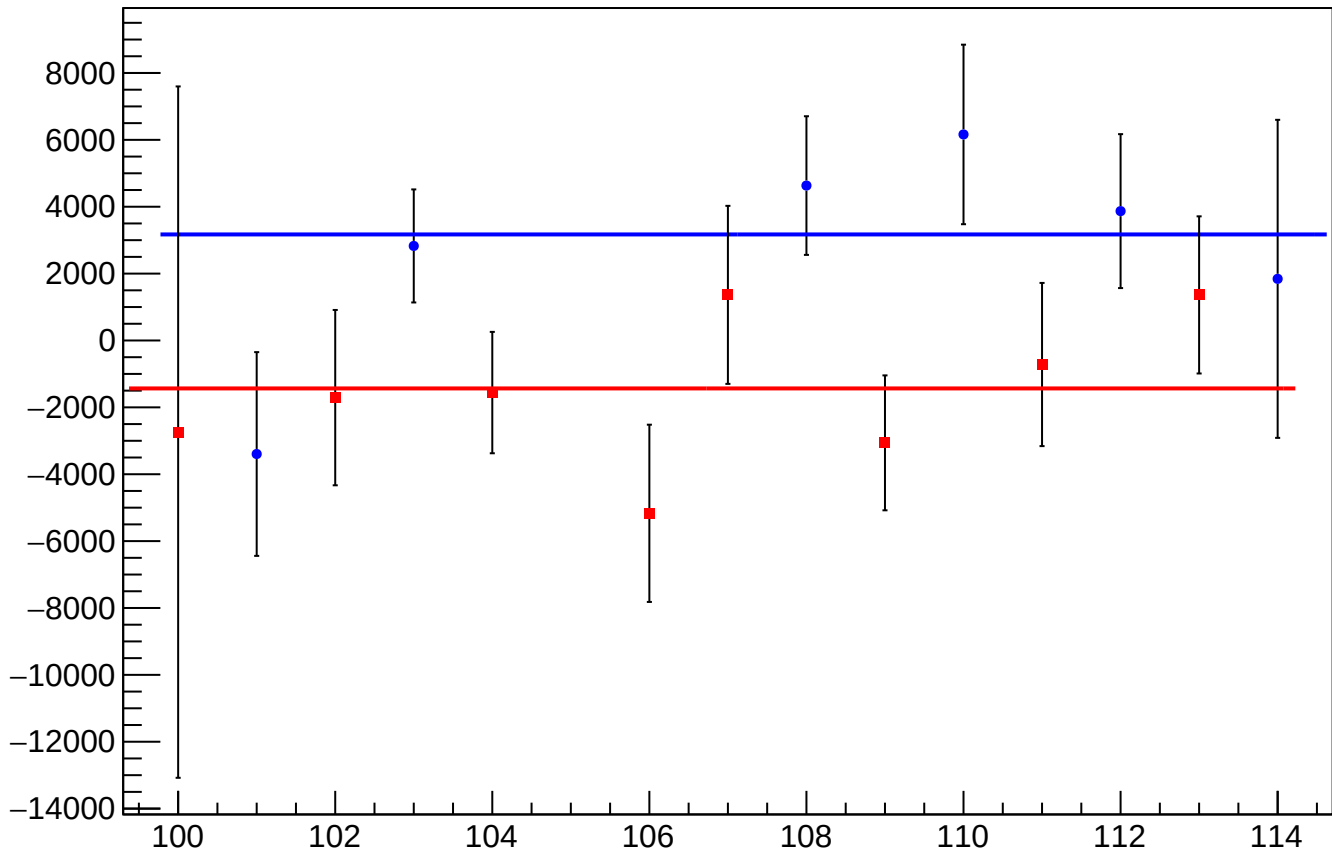
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 828981.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3171.420+/-970.352 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1433.996+/-864.974 χ^2/NDF : 5.3/7

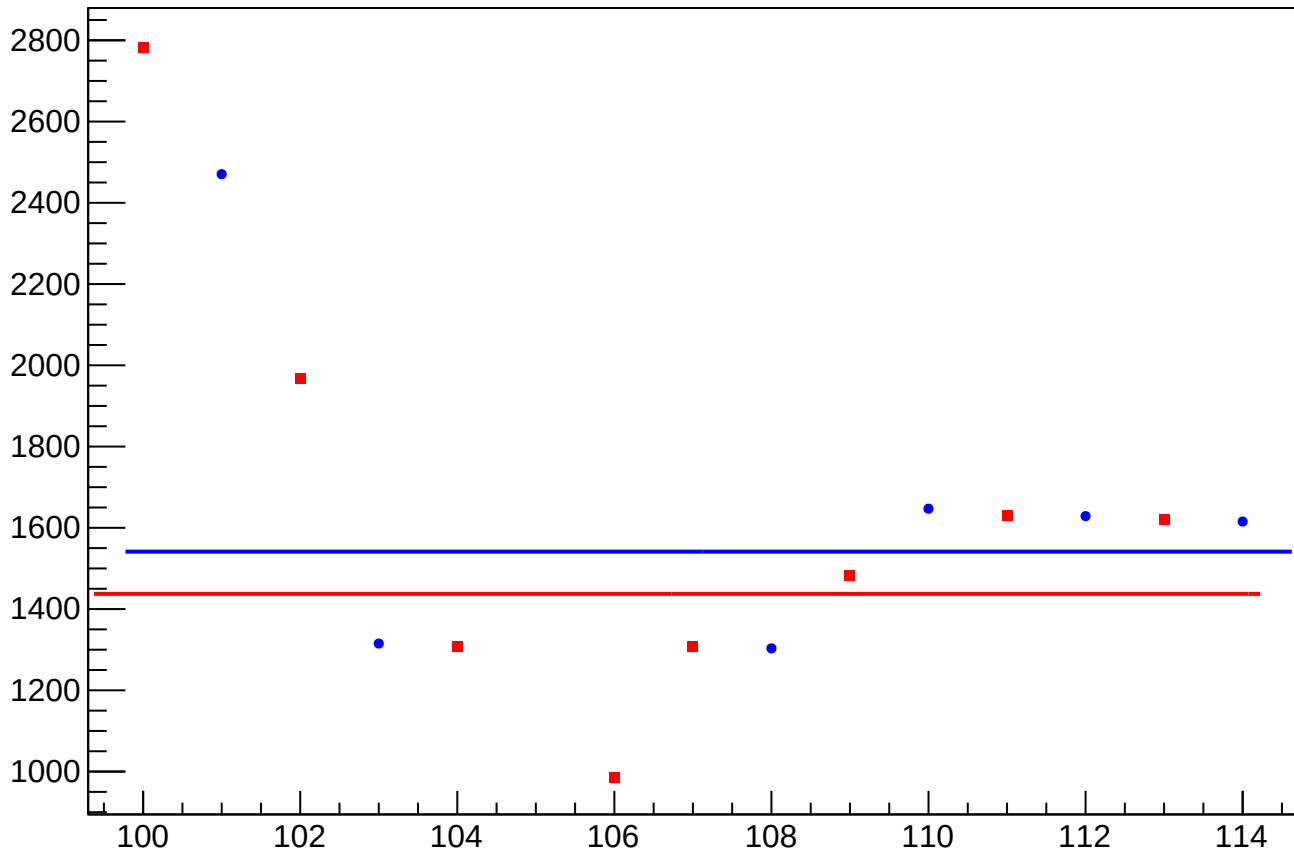
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.154+/-645.683 χ^2/NDF : 24.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1541.328+/-0.686 χ^2/NDF : 254693.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1437.337+/-0.590 χ^2/NDF : 254484.8/7

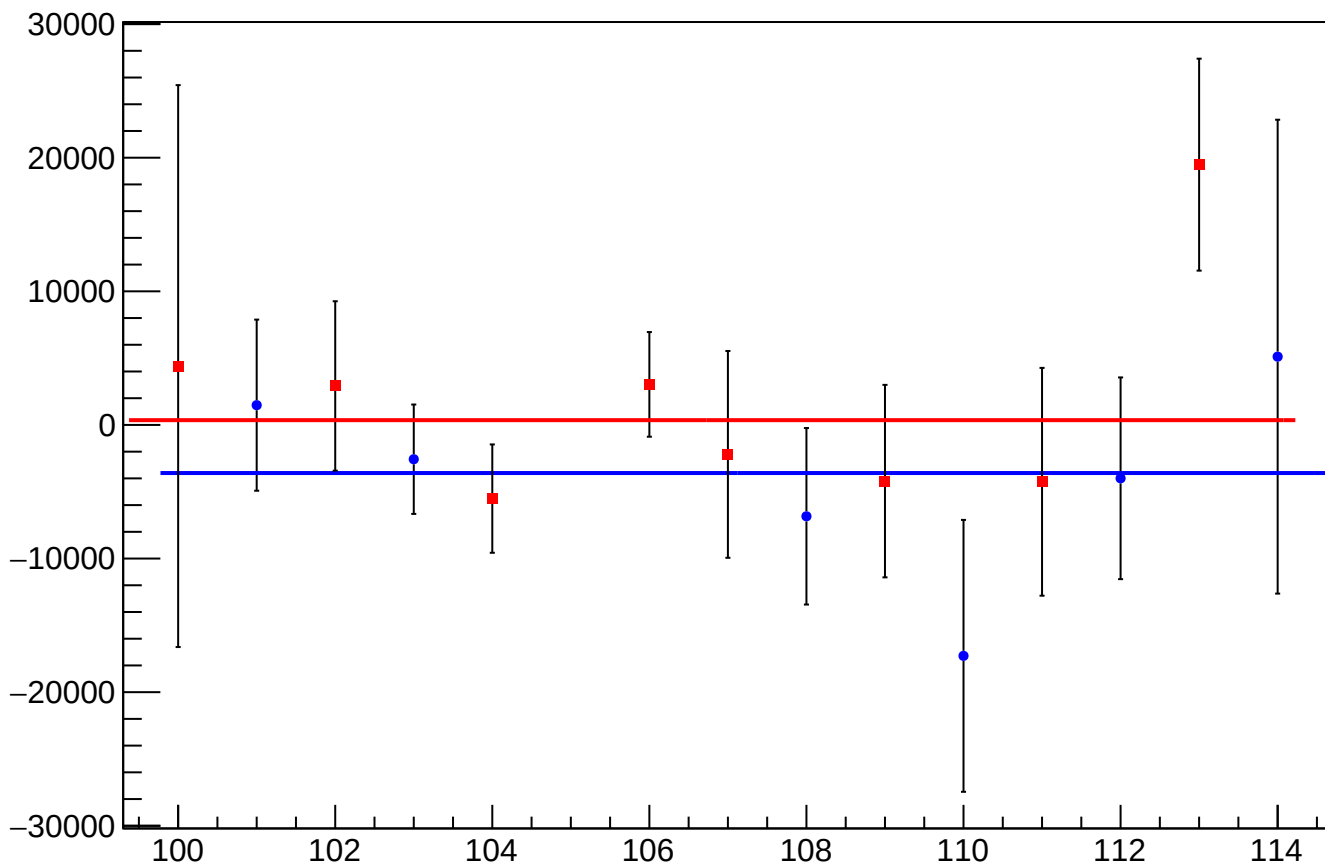
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1481.556+/-0.447 χ^2/NDF : 522380.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_mean vs Slug



Right In: -3599.903+/-2697.956 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 357.299+/-2137.944 χ^2/NDF : 9.4/7

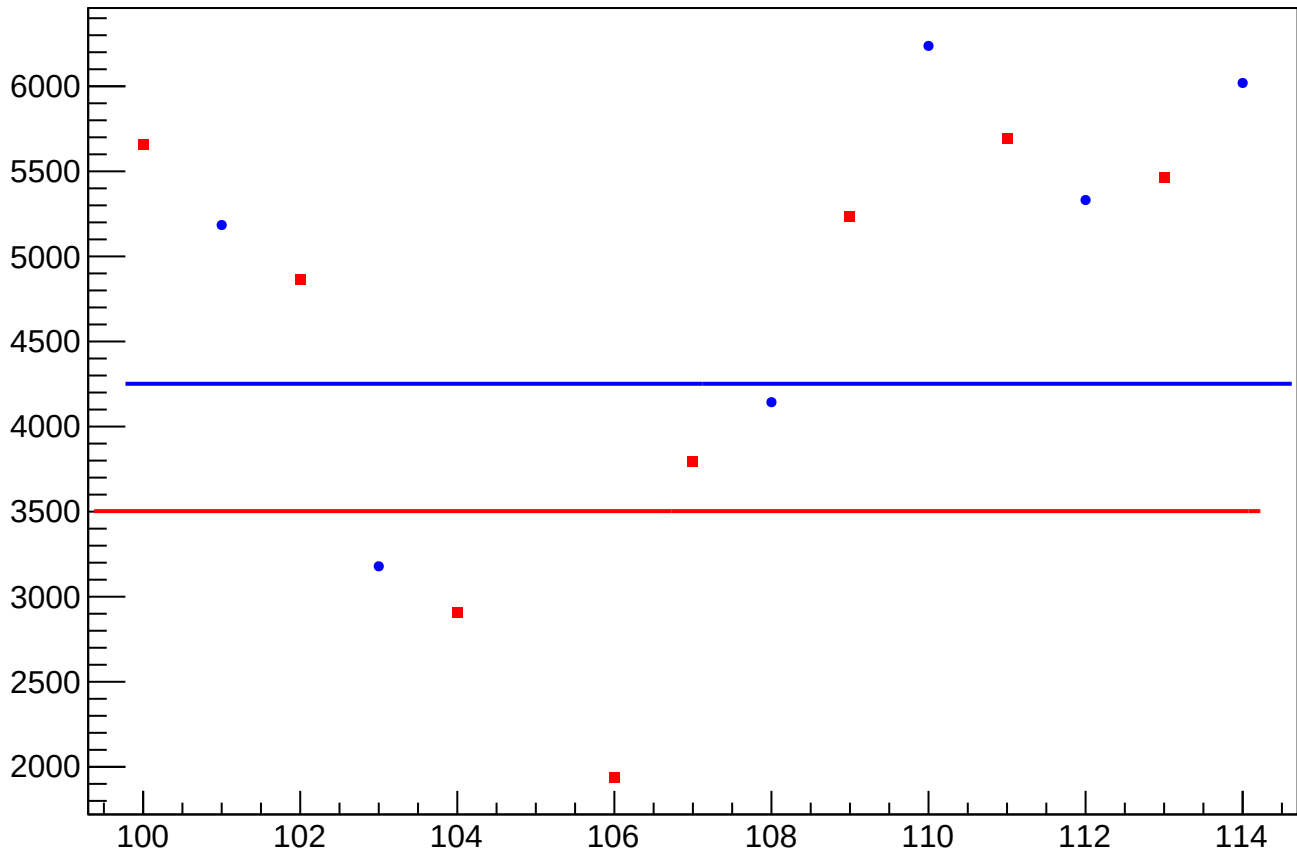
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1169.110+/-1675.623 χ^2/NDF : 13.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 4251.543+/-1.908 χ^2/NDF : 317342.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3502.870+/-1.512 χ^2/NDF : 848116.5/7

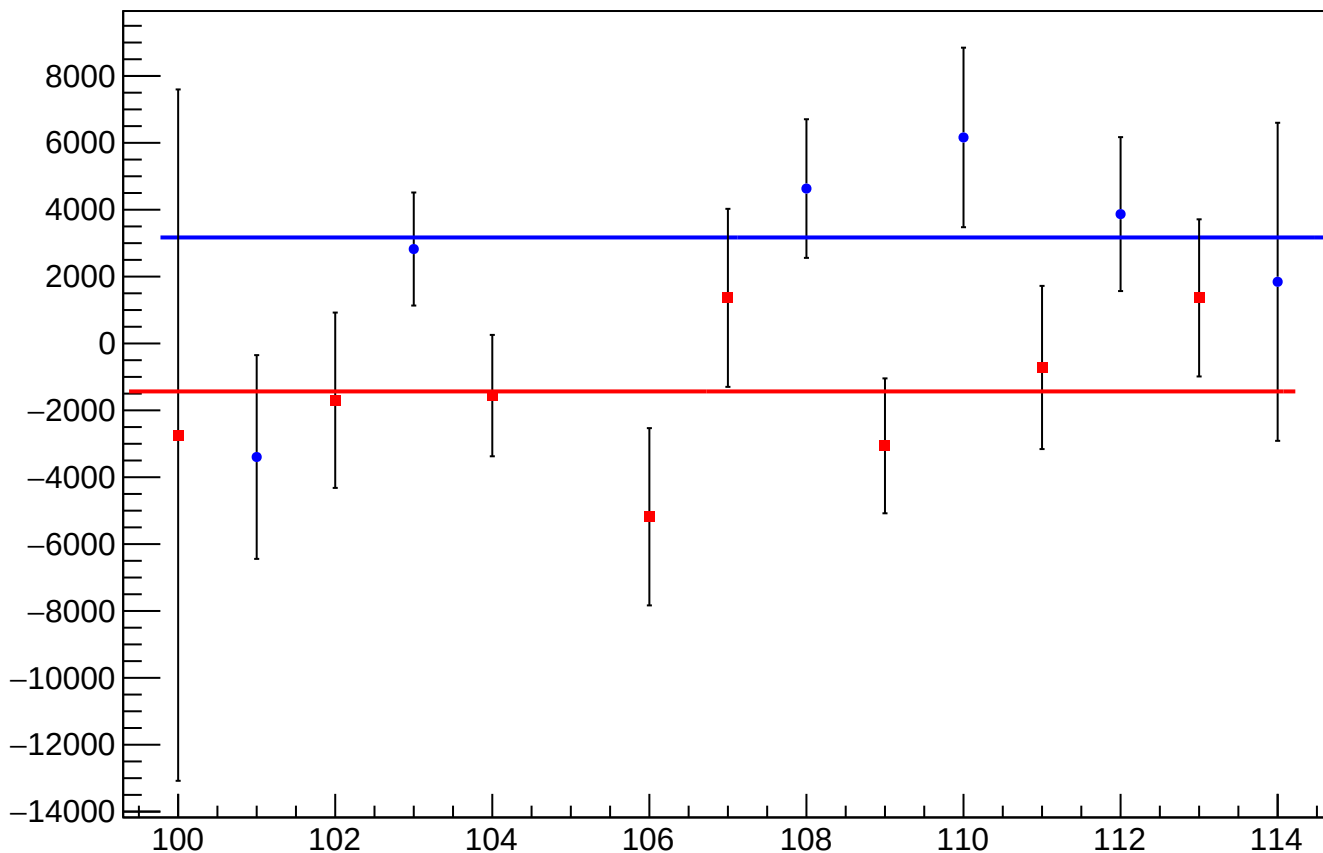
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3791.655+/-1.185 χ^2/NDF : 1260061.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3170.432 $\pm$ 970.352 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1434.178 $\pm$ 864.983 χ^2 /NDF: 5.3/7

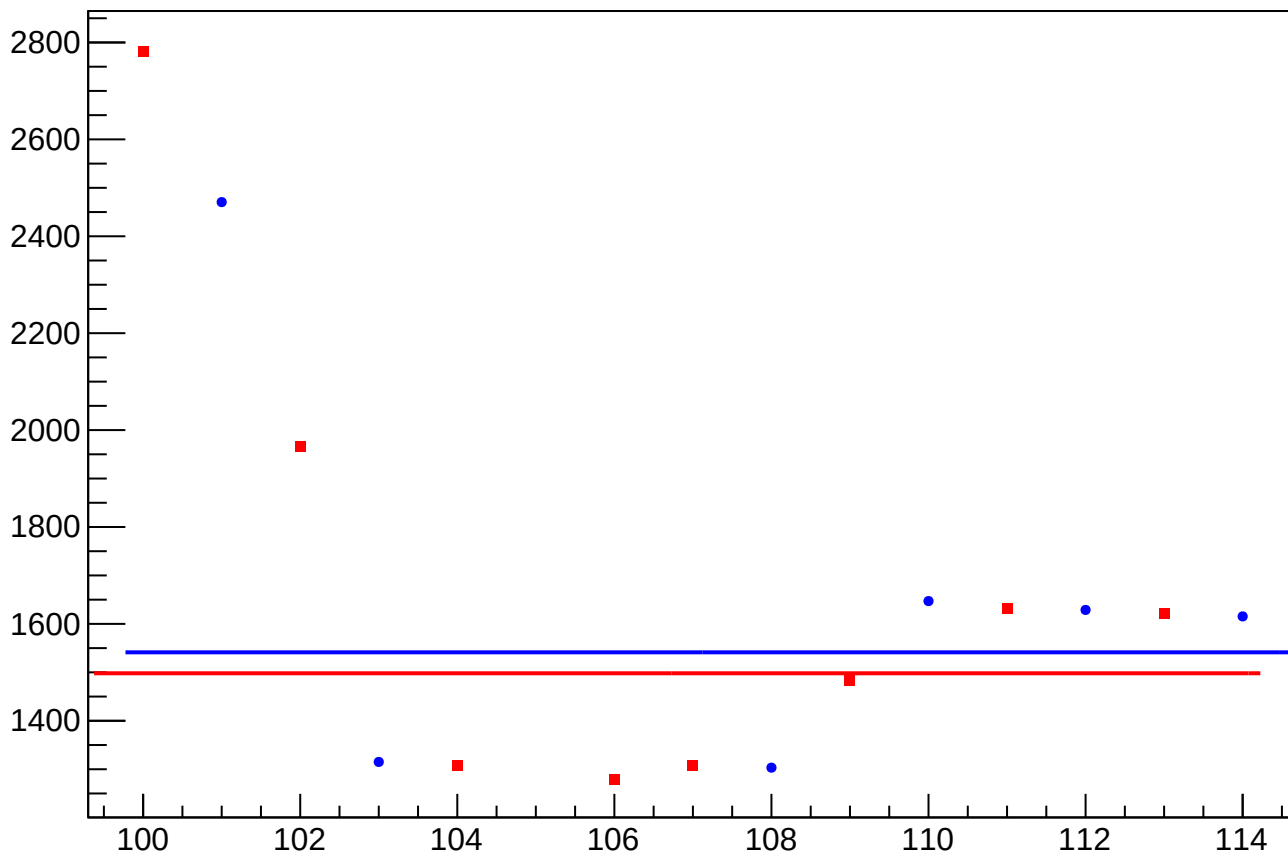
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 604.639 $\pm$ 645.687 χ^2 /NDF: 24.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1541.329+/-0.686 χ^2/NDF : 254692.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.076+/-0.606 χ^2/NDF : 154558.0/7

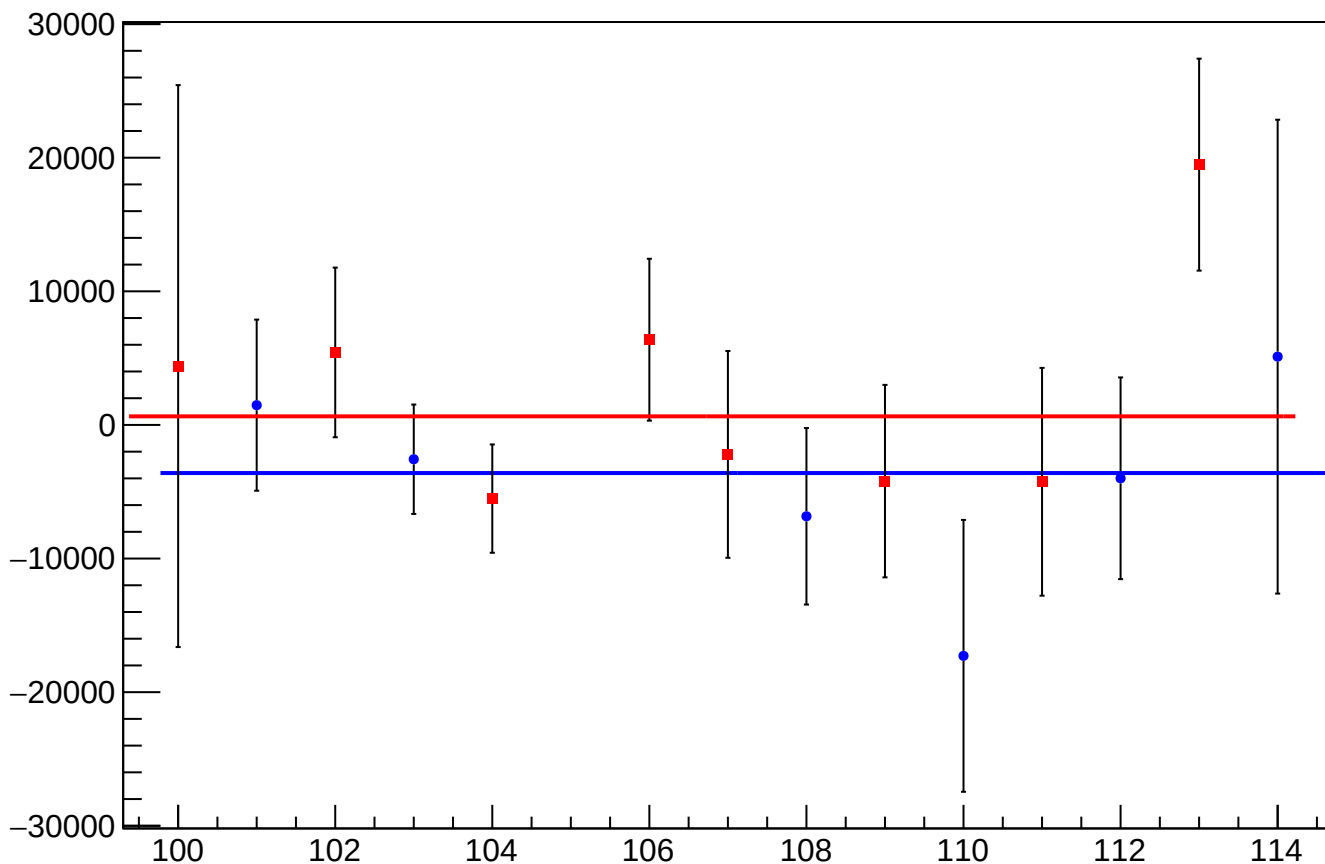
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.046+/-0.454 χ^2/NDF : 411481.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -3600.659+/-2698.074 χ^2 /NDF: 3.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 643.224+/-2351.997 χ^2 /NDF: 10.4/7

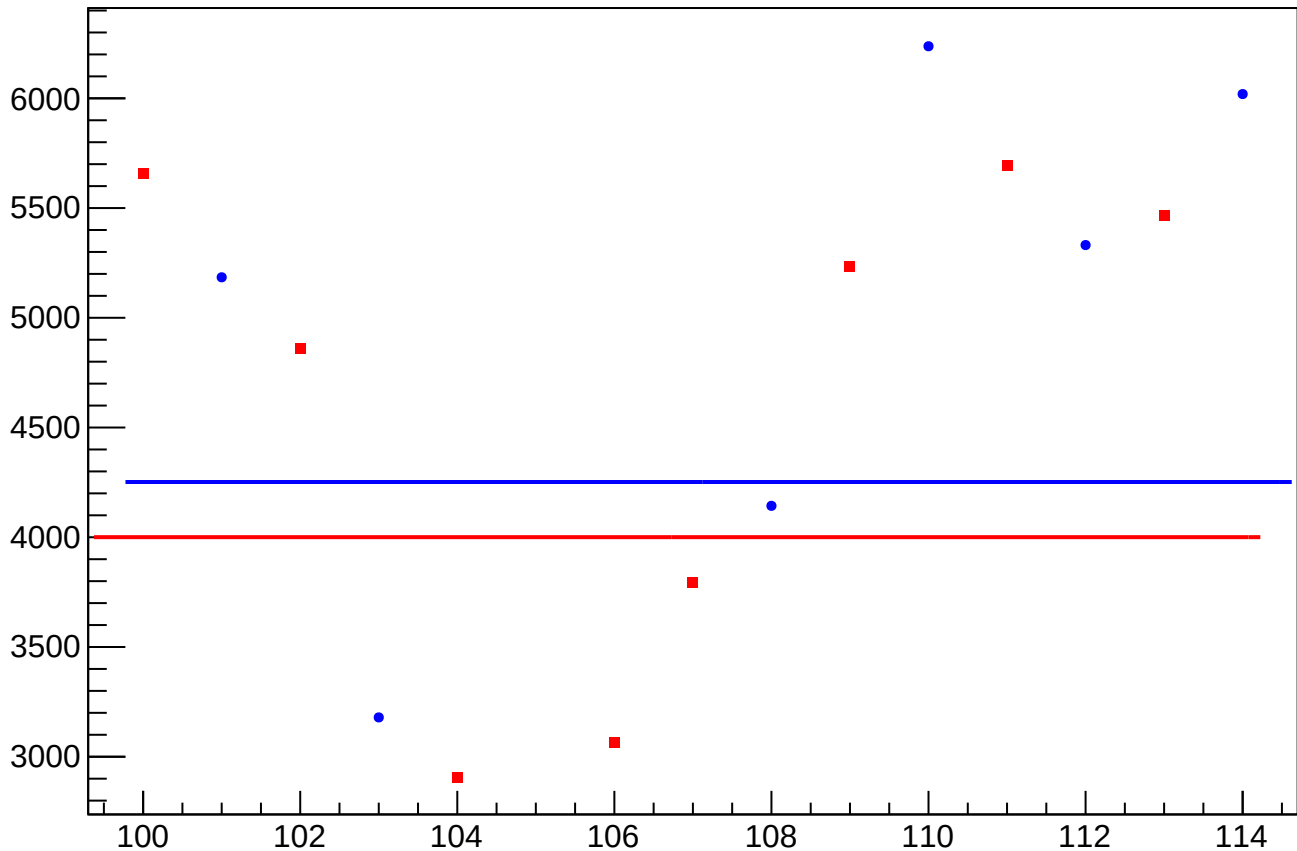
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1189.247+/-1772.927 χ^2 /NDF: 14.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 4251.787+/-1.908 χ^2/NDF : 317223.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4000.469+/-1.663 χ^2/NDF : 449591.2/7

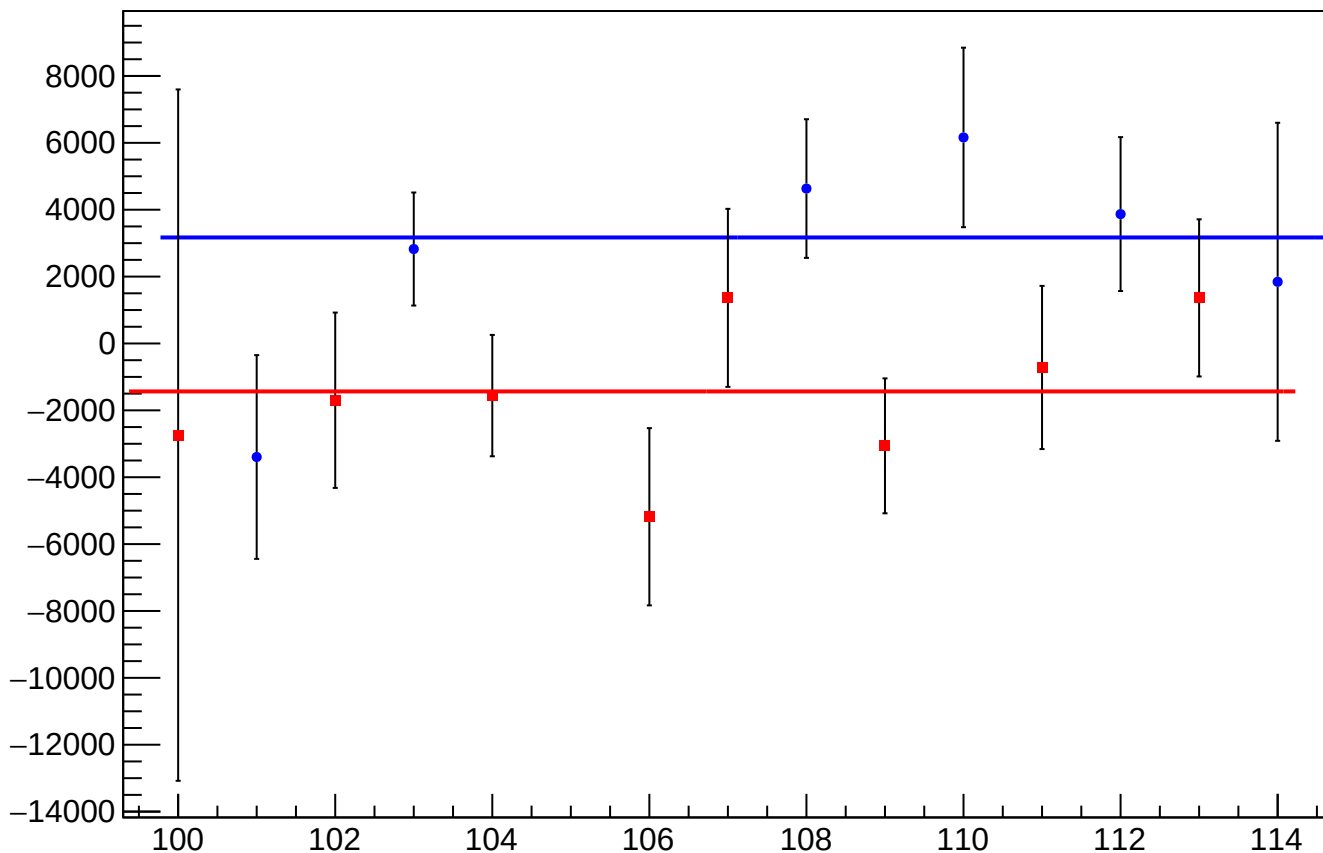
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4108.986+/-1.254 χ^2/NDF : 776675.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3170.432 $\pm$ 970.352 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1434.178 $\pm$ 864.983 χ^2 /NDF: 5.3/7

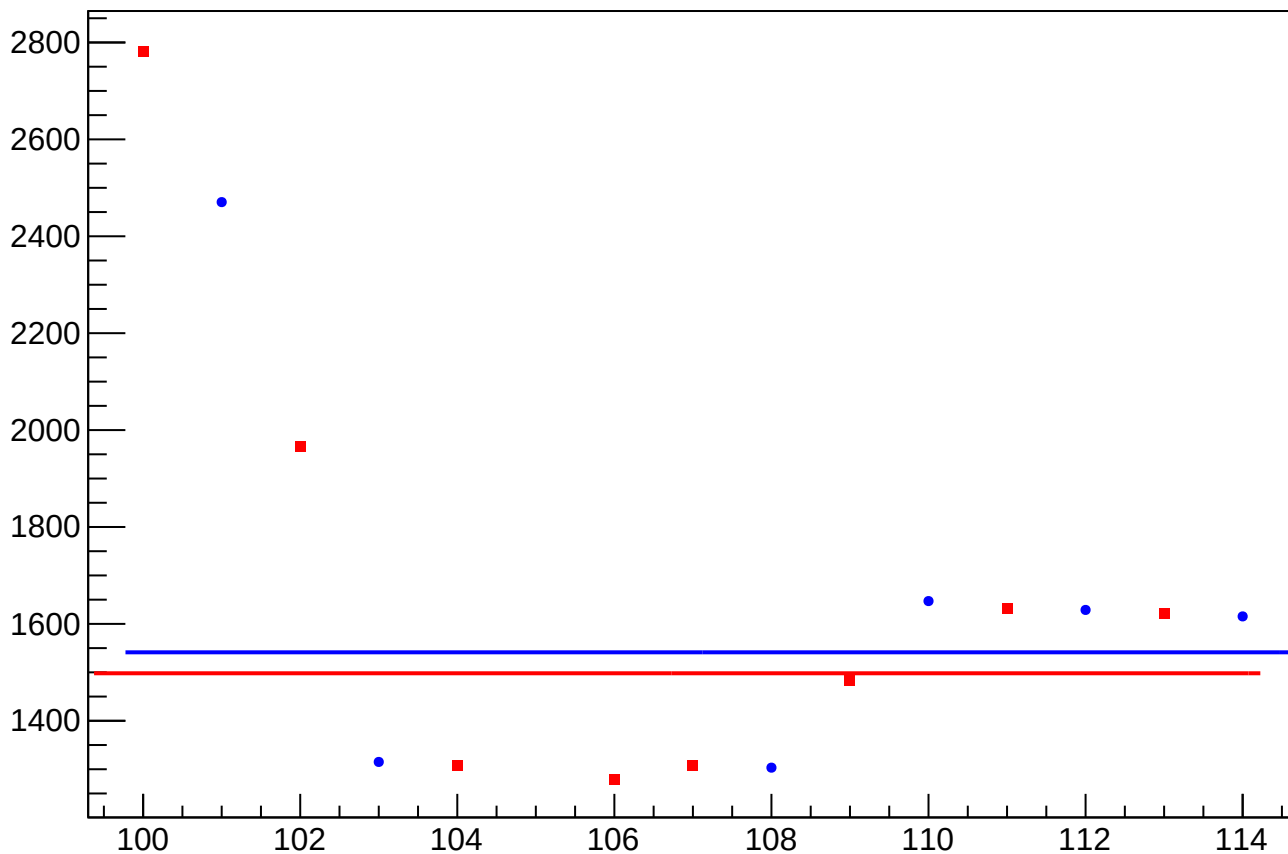
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 604.639 $\pm$ 645.687 χ^2 /NDF: 24.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1541.329+/-0.686 χ^2/NDF : 254692.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.076+/-0.606 χ^2/NDF : 154558.0/7

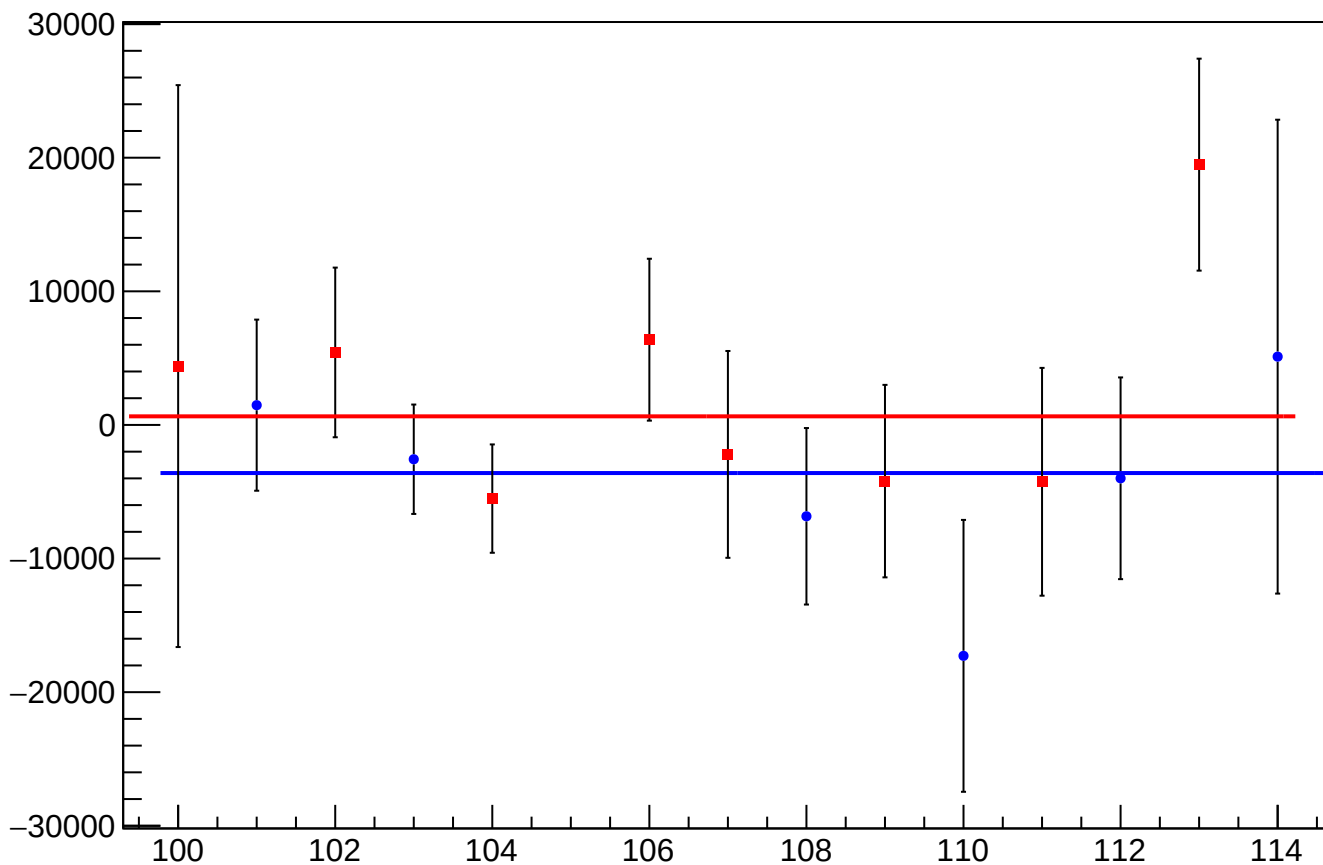
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.046+/-0.454 χ^2/NDF : 411481.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



Right In: -3600.659+/-2698.074 χ^2 /NDF: 3.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 643.224+/-2351.997 χ^2 /NDF: 10.4/7

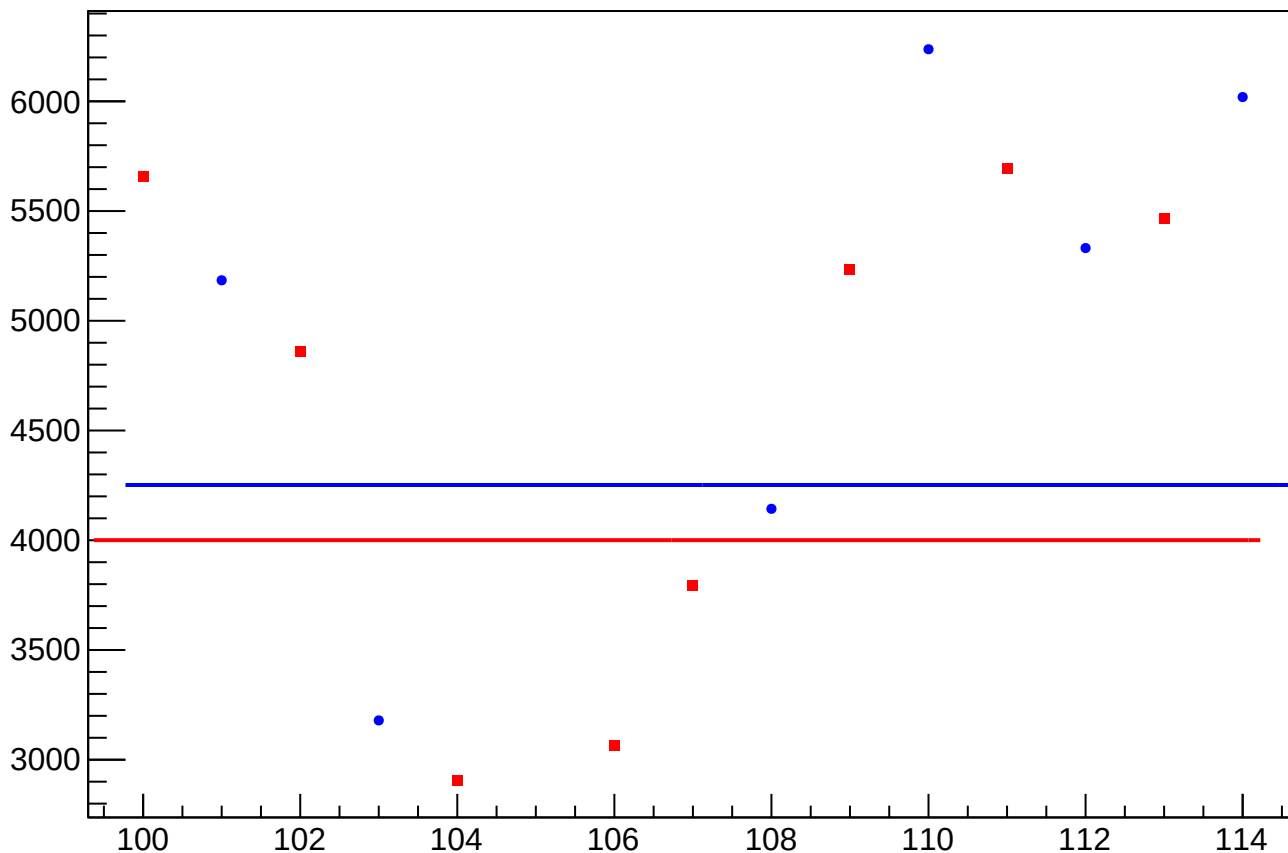
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1189.247+/-1772.927 χ^2 /NDF: 14.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 4251.787 $\pm$ 1.908 χ^2 /NDF: 317223.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4000.469 $\pm$ 1.663 χ^2 /NDF: 449591.2/7

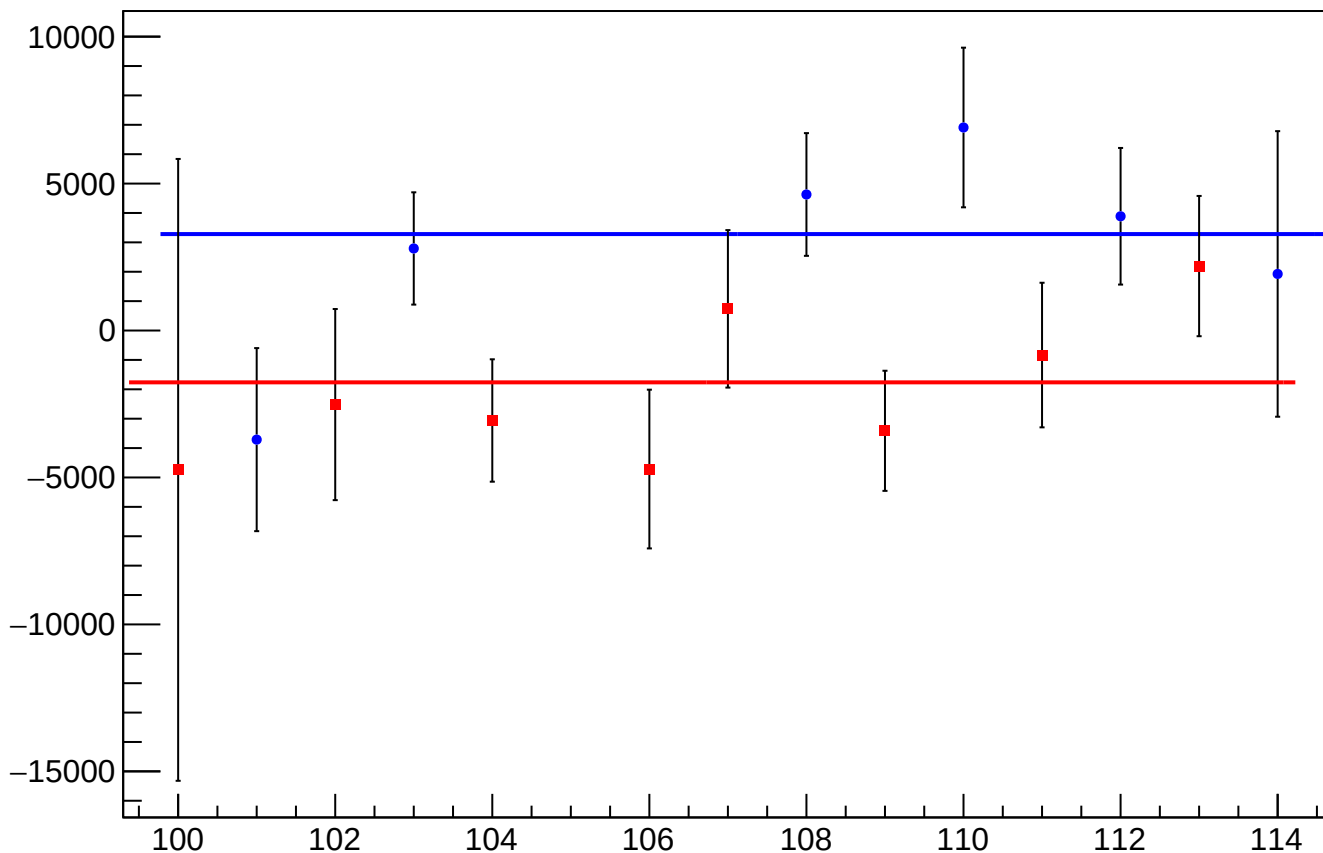
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4108.986 $\pm$ 1.254 χ^2 /NDF: 776675.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3281.890+/-1015.648 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1763.494+/-916.396 χ^2/NDF : 6.1/7

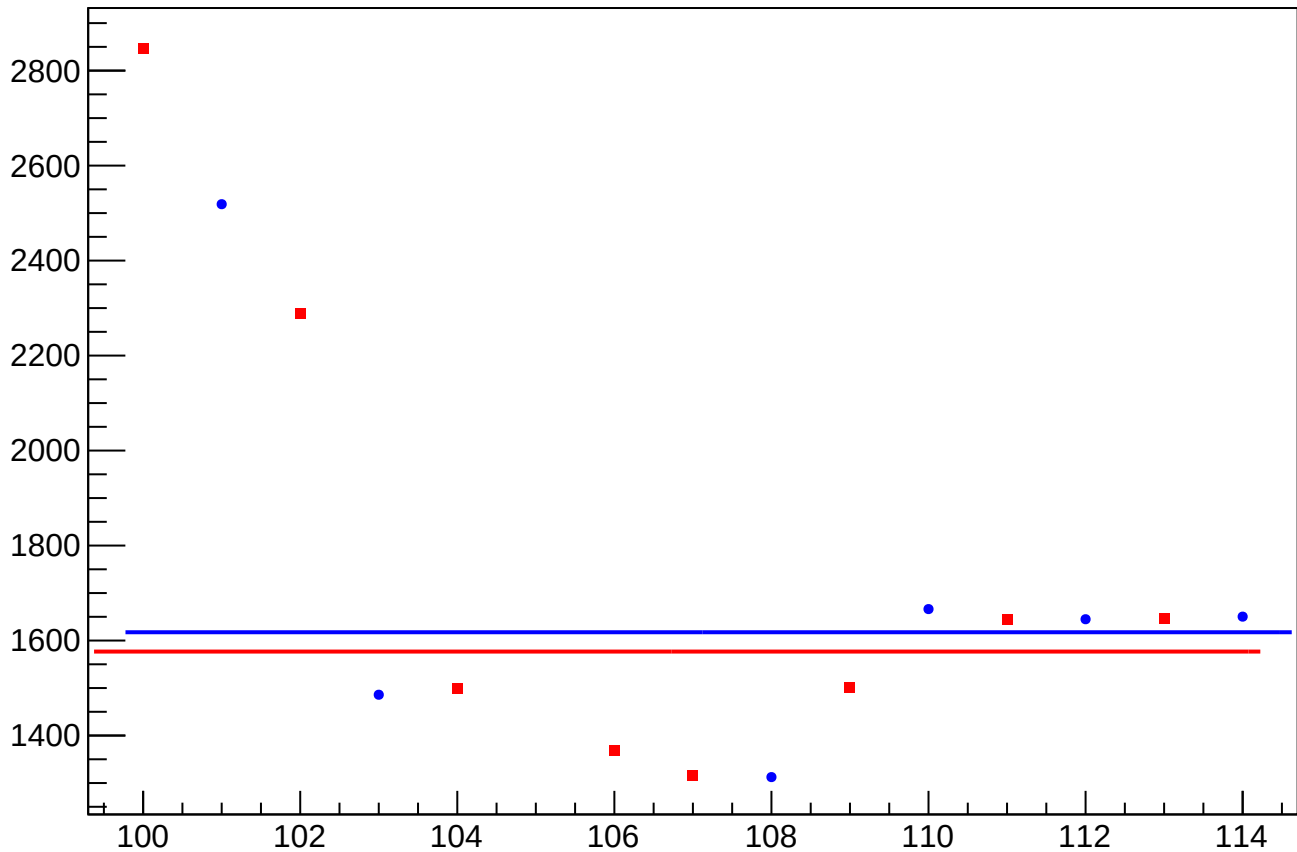
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.691+/-680.381 χ^2/NDF : 27.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1617.476+/-0.718 χ^2/NDF : 220661.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.805+/-0.647 χ^2/NDF : 164519.0/7

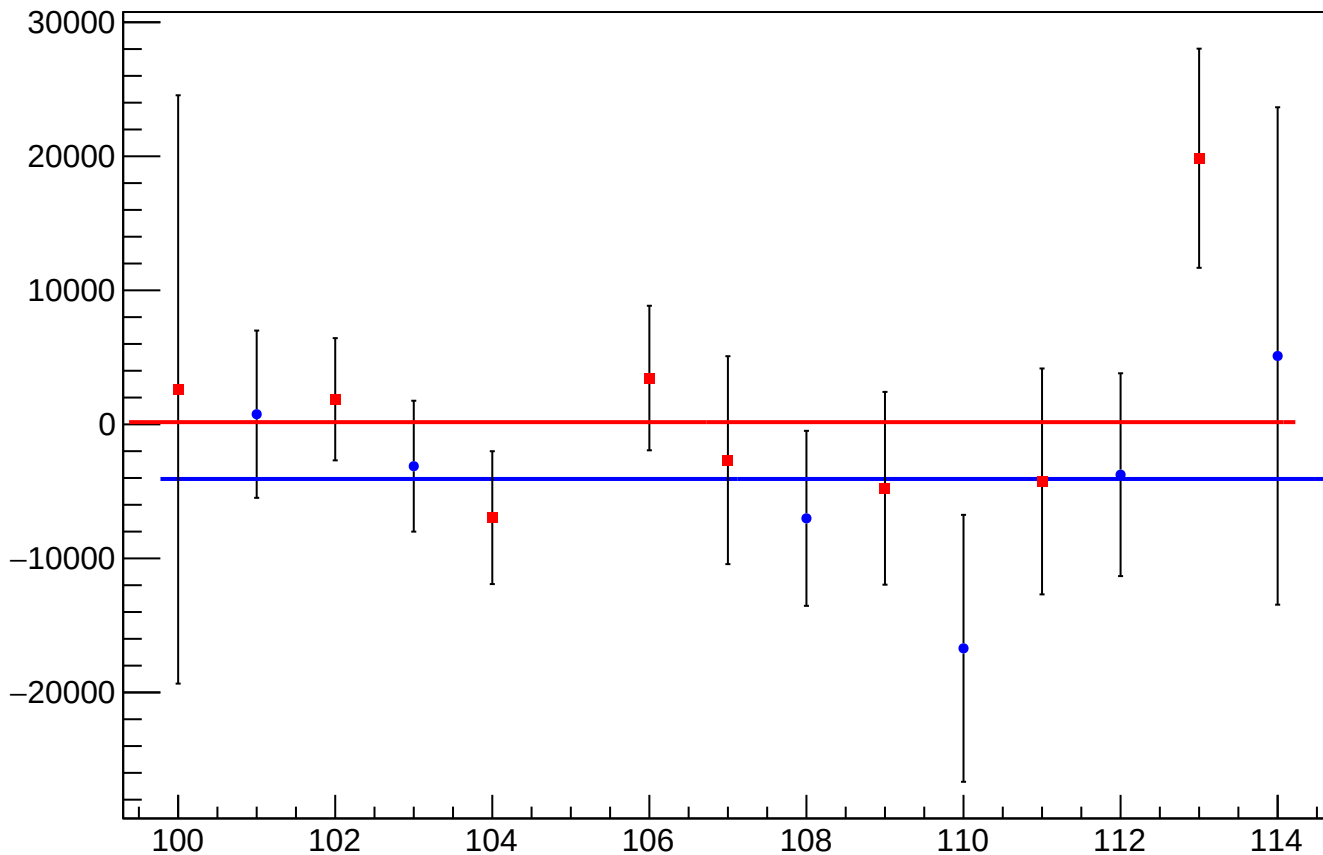
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.017+/-0.481 χ^2/NDF : 386951.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -4073.466+/-2868.317 χ^2 /NDF: 2.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 166.103+/-2292.387 χ^2 /NDF: 9.3/7

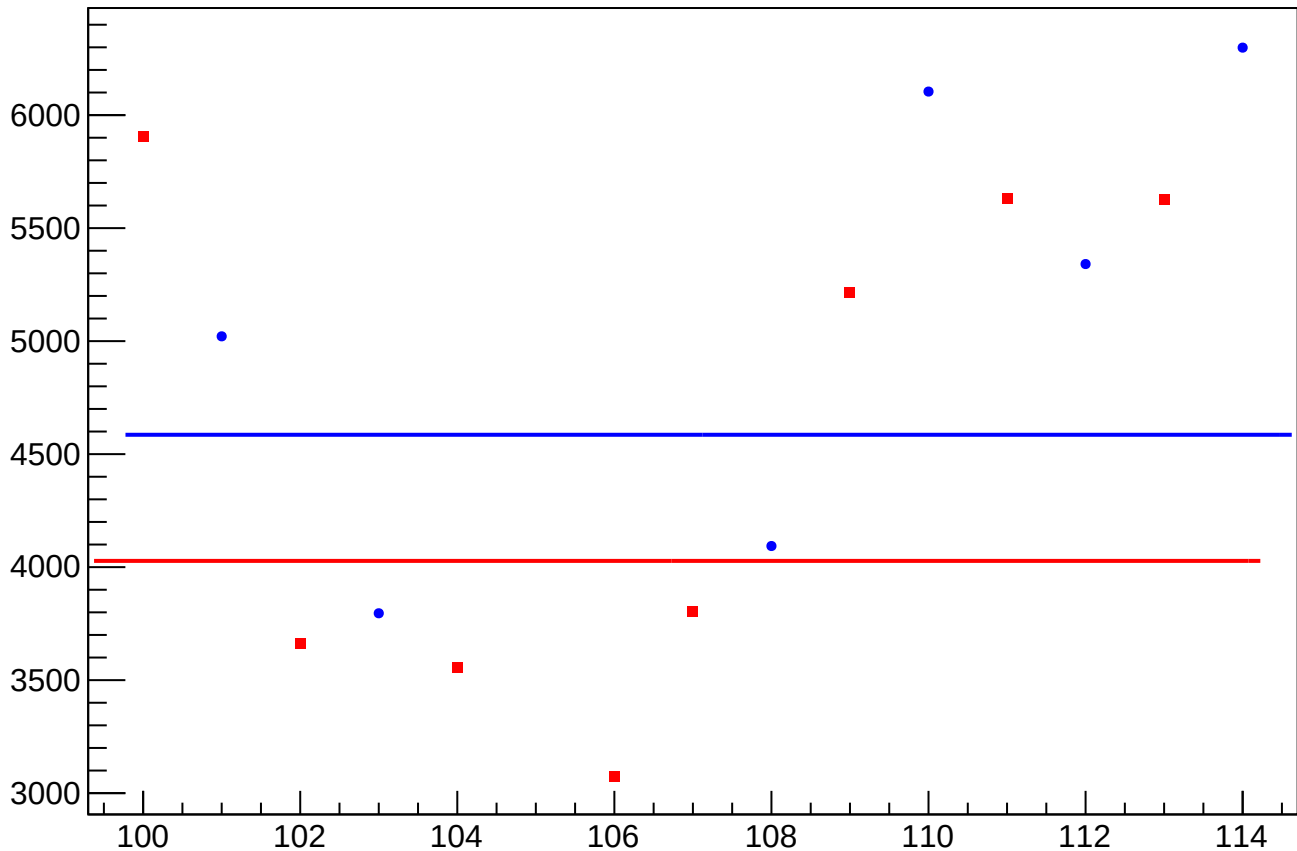
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1486.369+/-1790.744 χ^2 /NDF: 13.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 4585.695 $\pm$ 2.028 χ^2 /NDF: 156935.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4027.648 $\pm$ 1.621 χ^2 /NDF: 313414.2/7

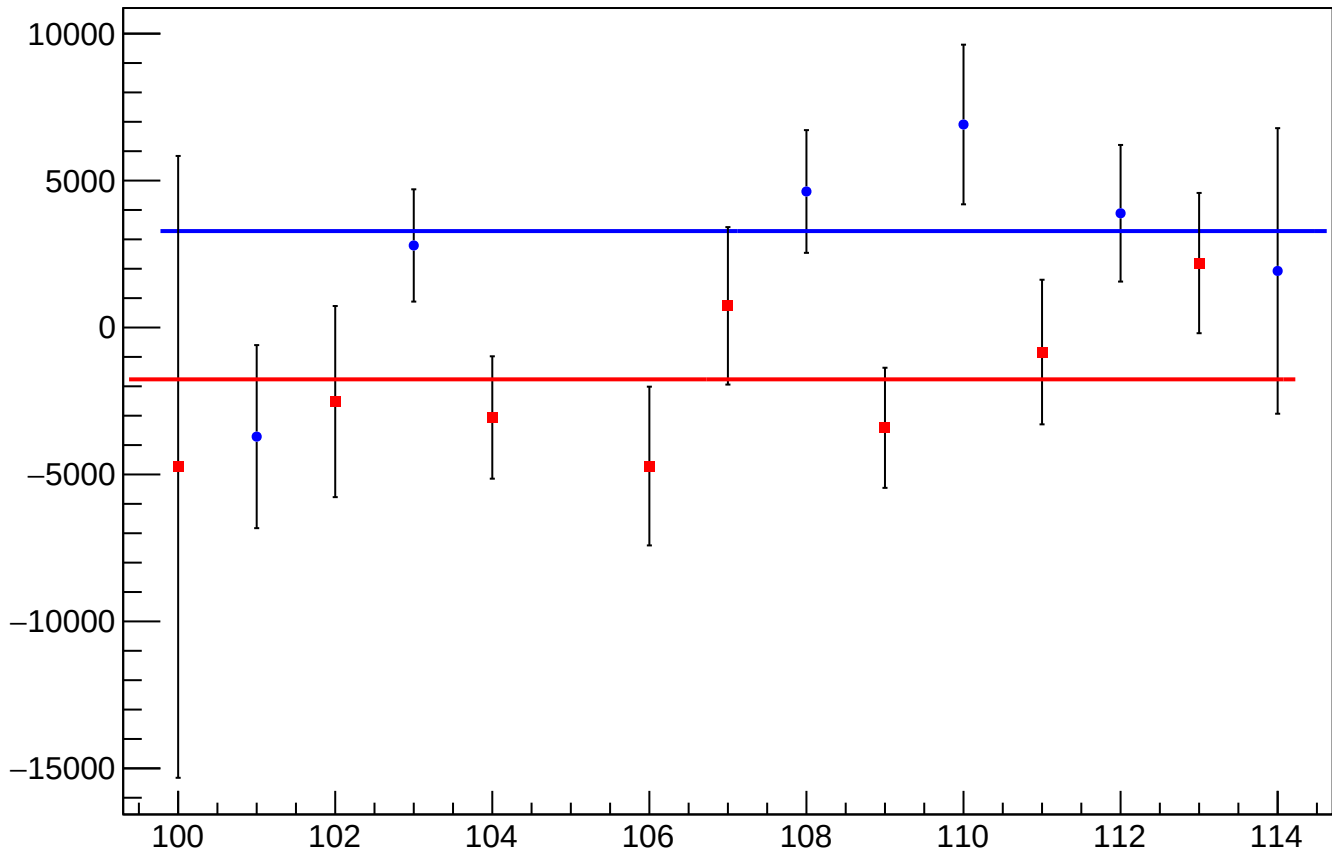
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4245.160 $\pm$ 1.266 χ^2 /NDF: 516545.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3281.891+/-1015.648 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1763.496+/-916.395 χ^2/NDF : 6.1/7

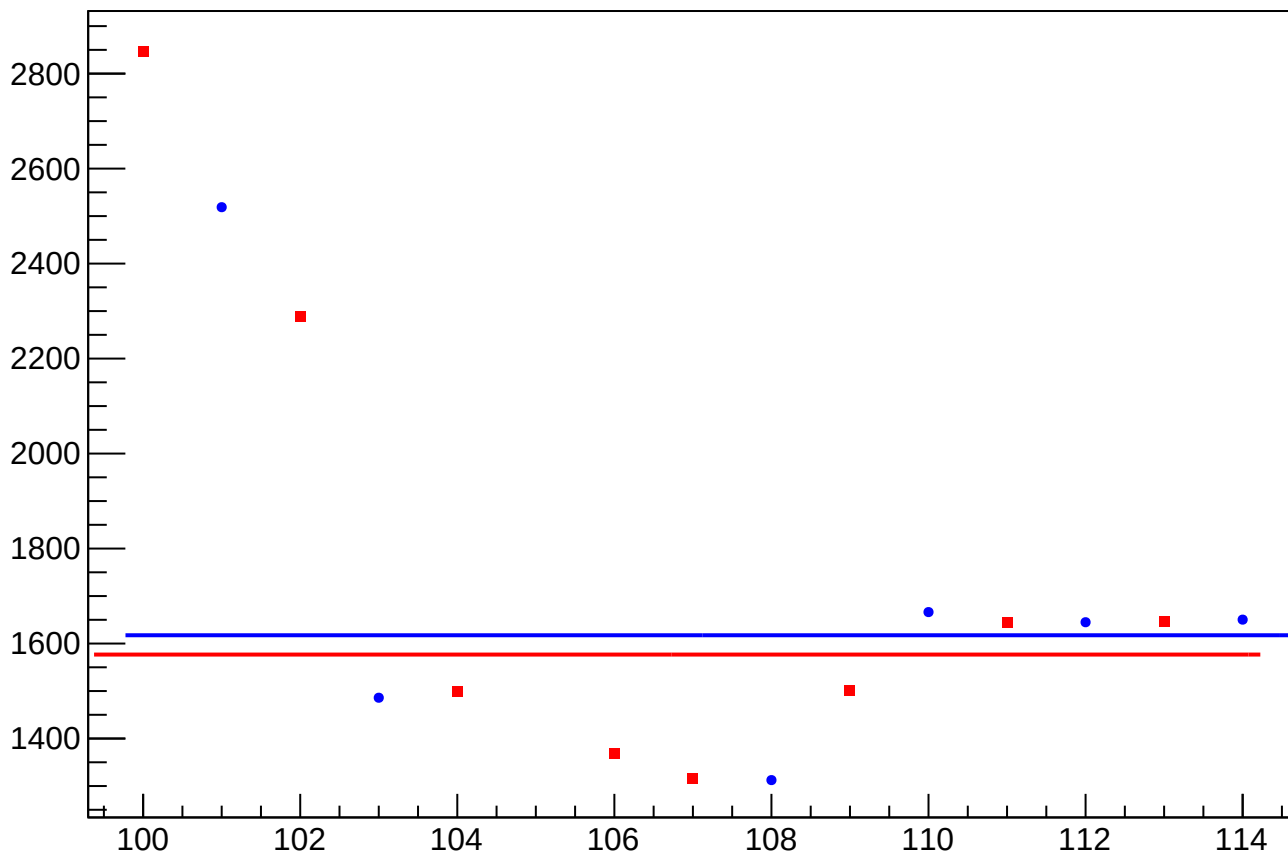
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.690+/-680.381 χ^2/NDF : 27.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1617.476+/-0.718 χ^2/NDF : 220661.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.805+/-0.647 χ^2/NDF : 164518.7/7

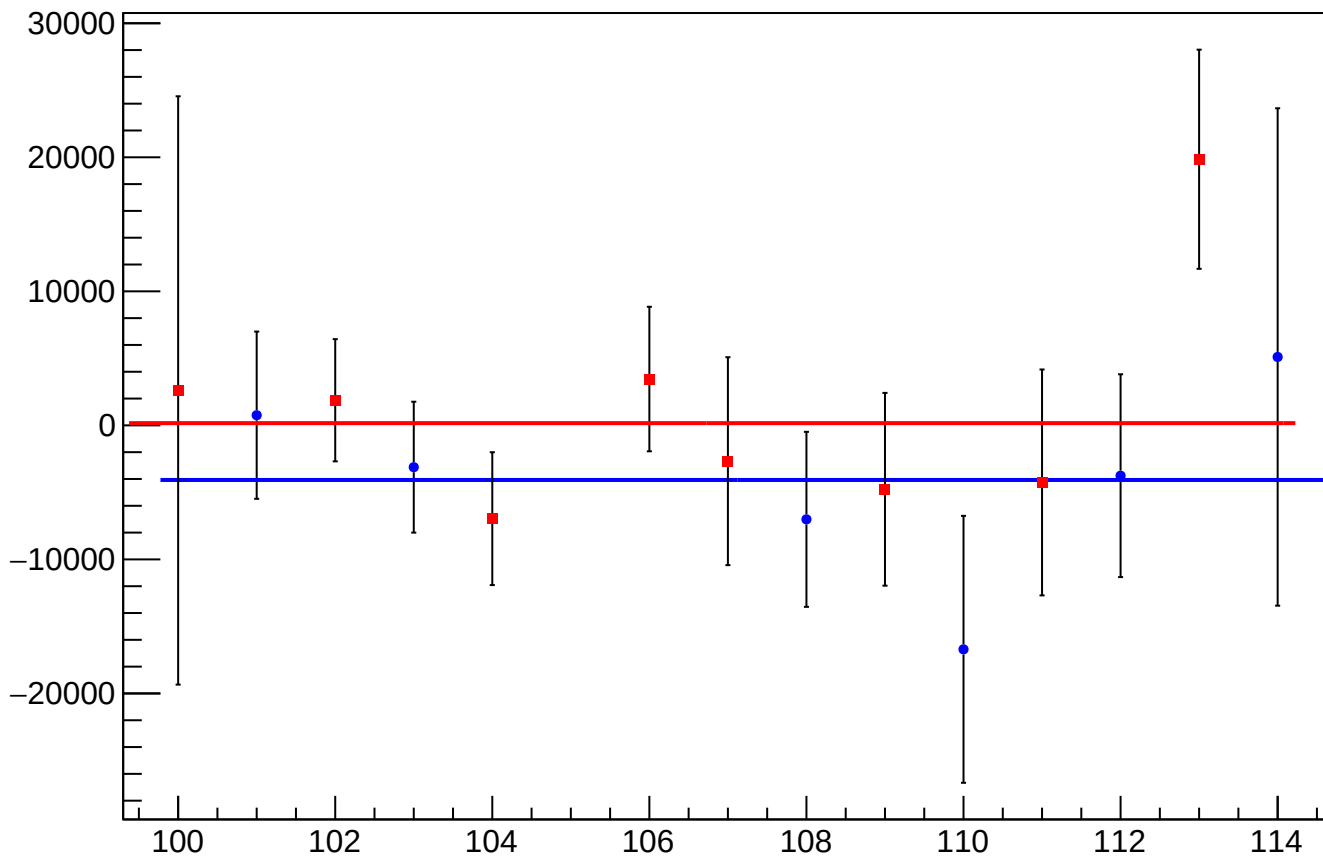
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.016+/-0.481 χ^2/NDF : 386951.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -4073.469+/-2868.315 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.105+/-2292.384 χ^2/NDF : 9.3/7

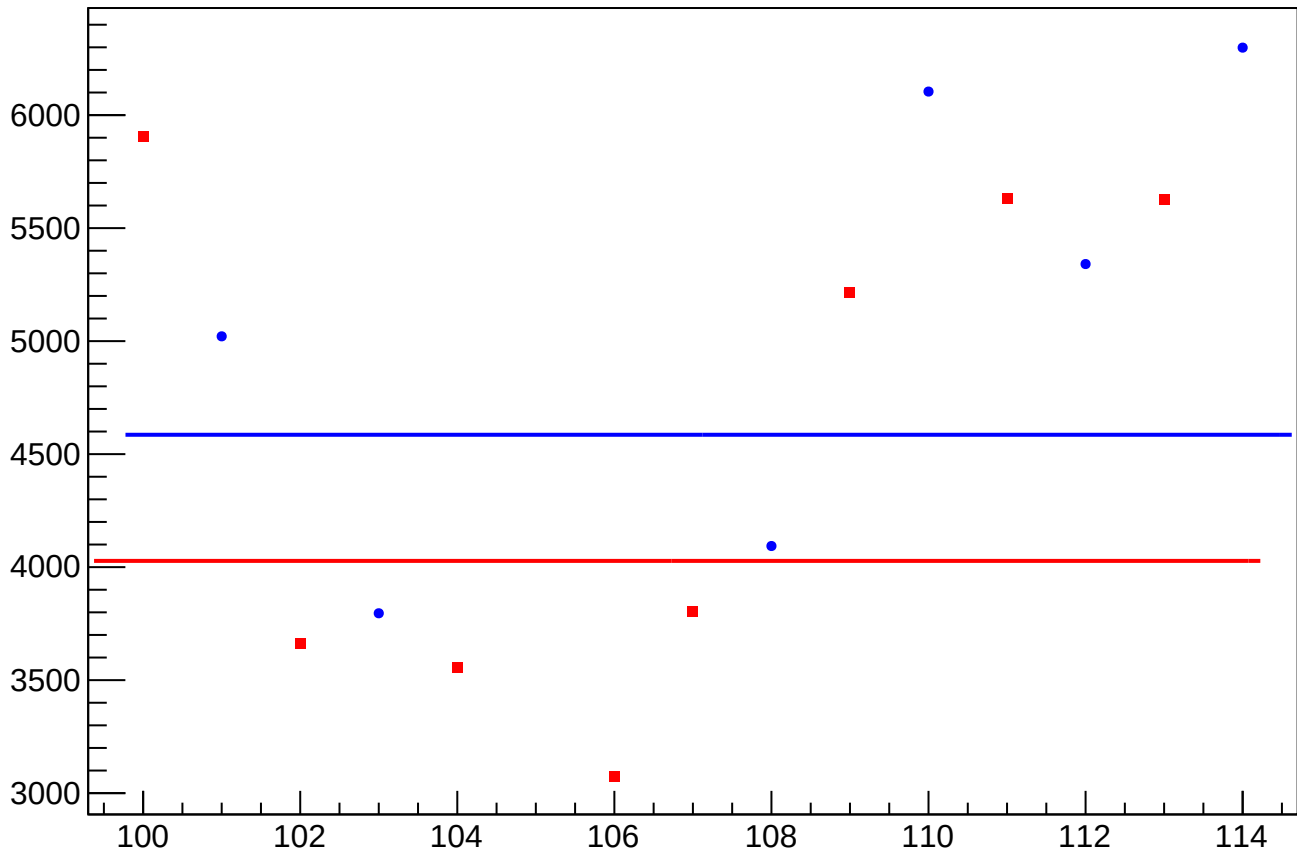
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1486.368+/-1790.742 χ^2/NDF : 13.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 4585.692 $\pm$ 2.028 χ^2 /NDF: 156933.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4027.643 $\pm$ 1.621 χ^2 /NDF: 313413.1/7

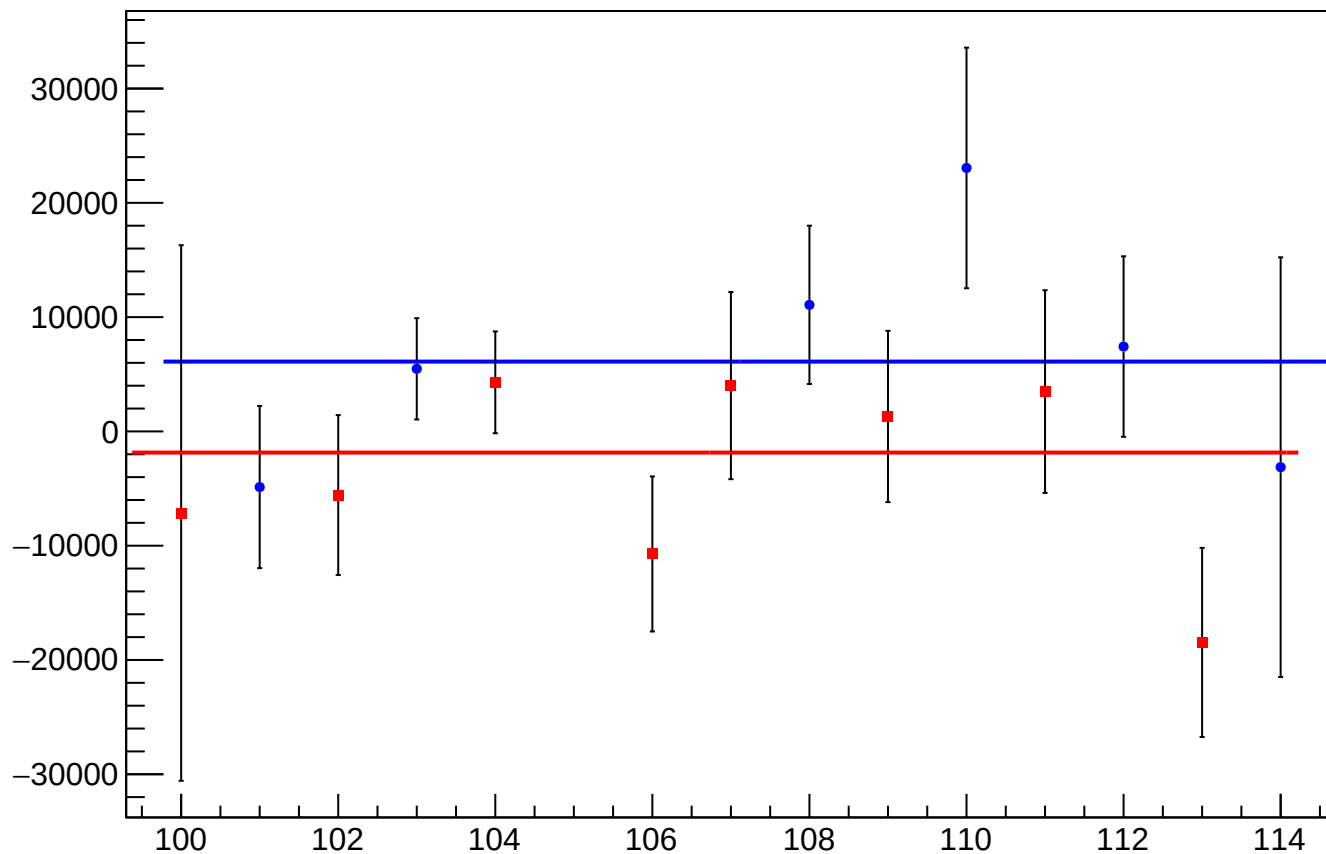
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4245.156 $\pm$ 1.266 χ^2 /NDF: 516543.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 6109.020 $\pm$ 2891.180 χ^2 /NDF: 5.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1850.722 $\pm$ 2544.805 χ^2 /NDF: 9.0/7

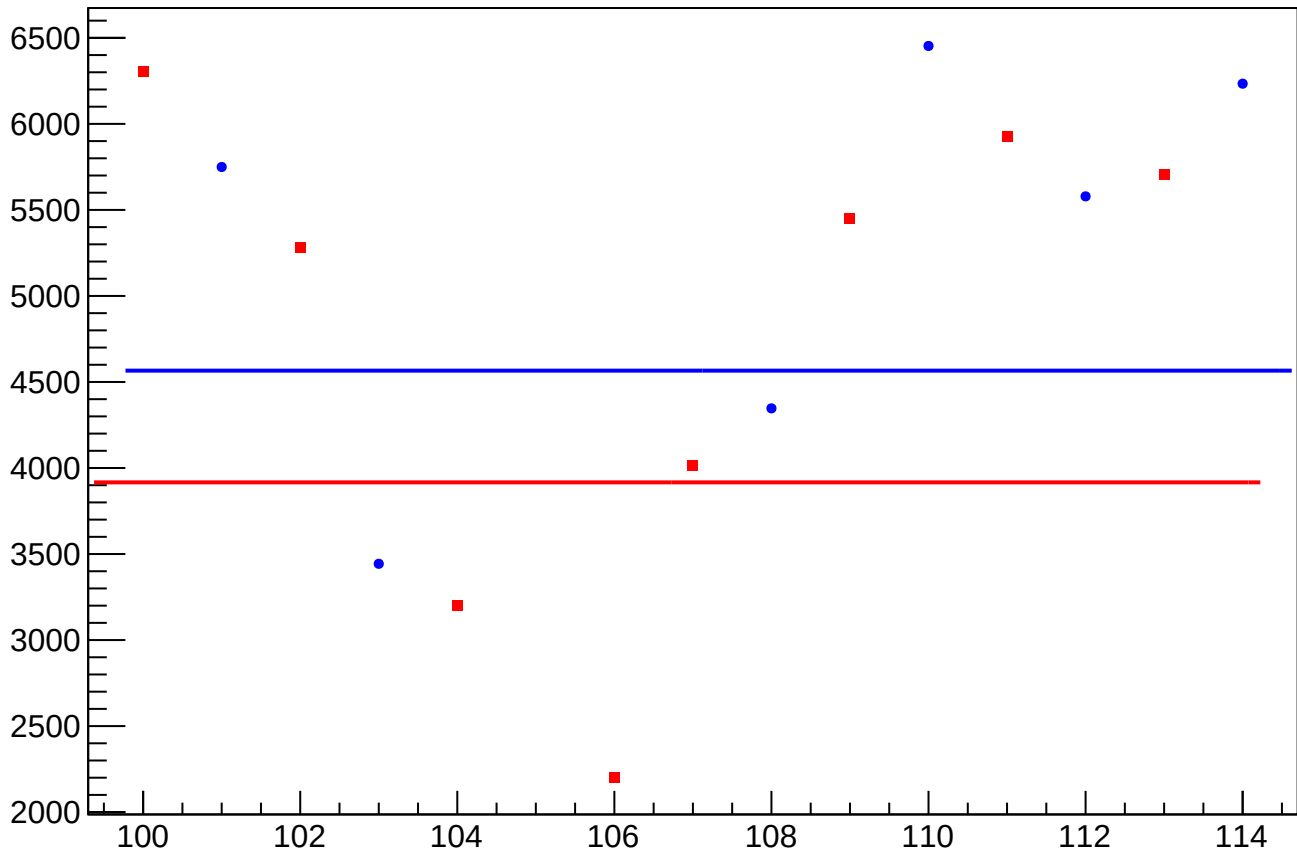
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1624.015 $\pm$ 1910.234 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 4565.854+/-2.044 χ^2/NDF : 299644.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3916.533+/-1.679 χ^2/NDF : 691482.5/7

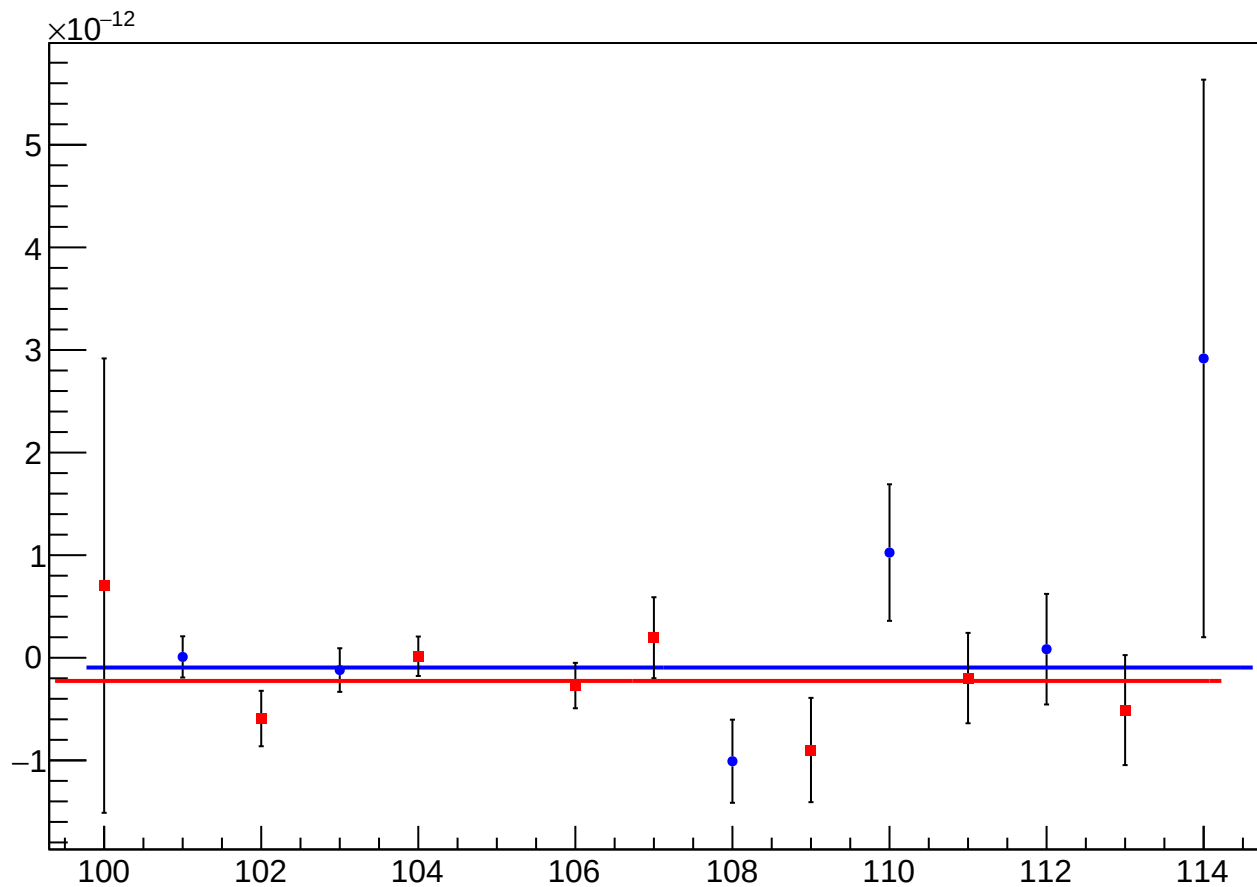
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4178.108+/-1.298 χ^2/NDF : 1051367.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/7

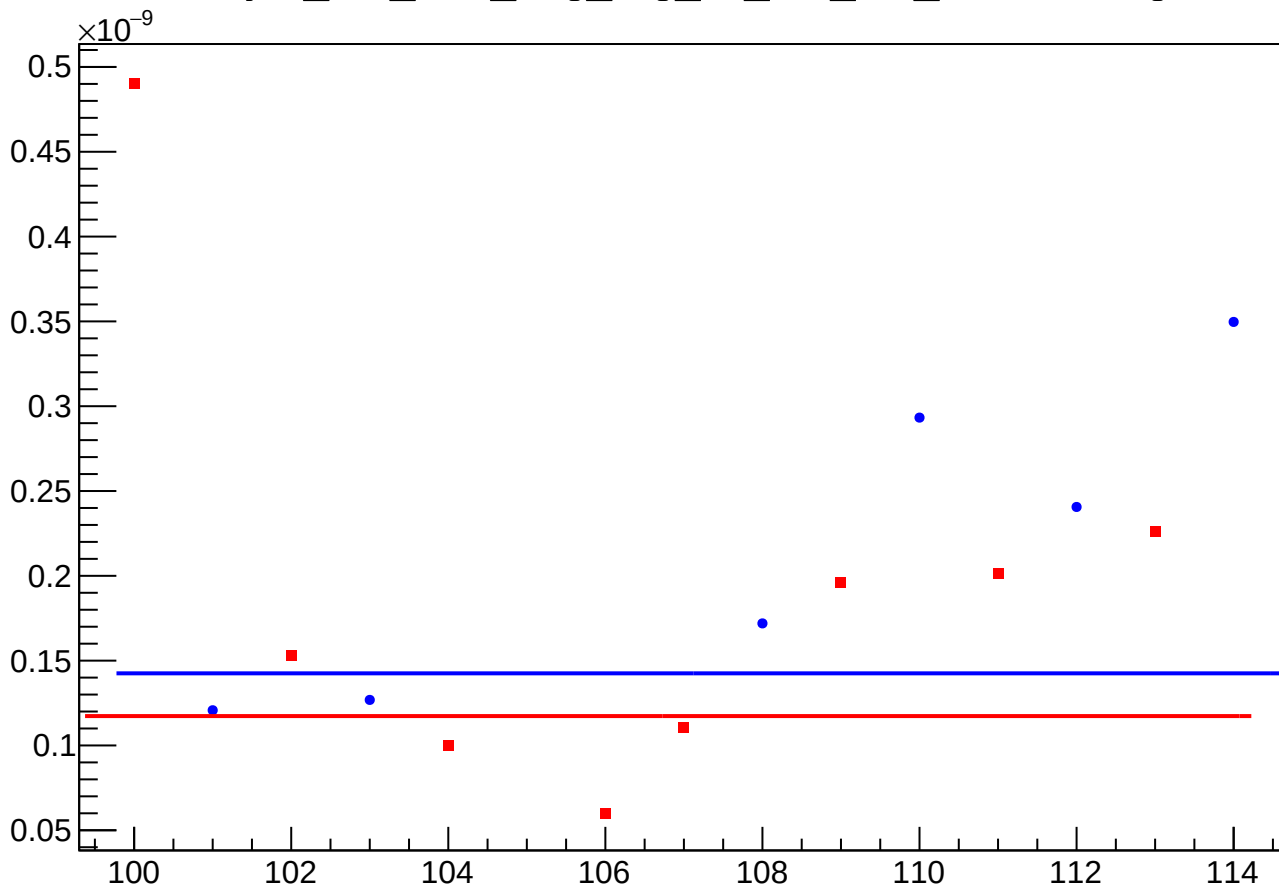
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 225425.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 447408.7/7

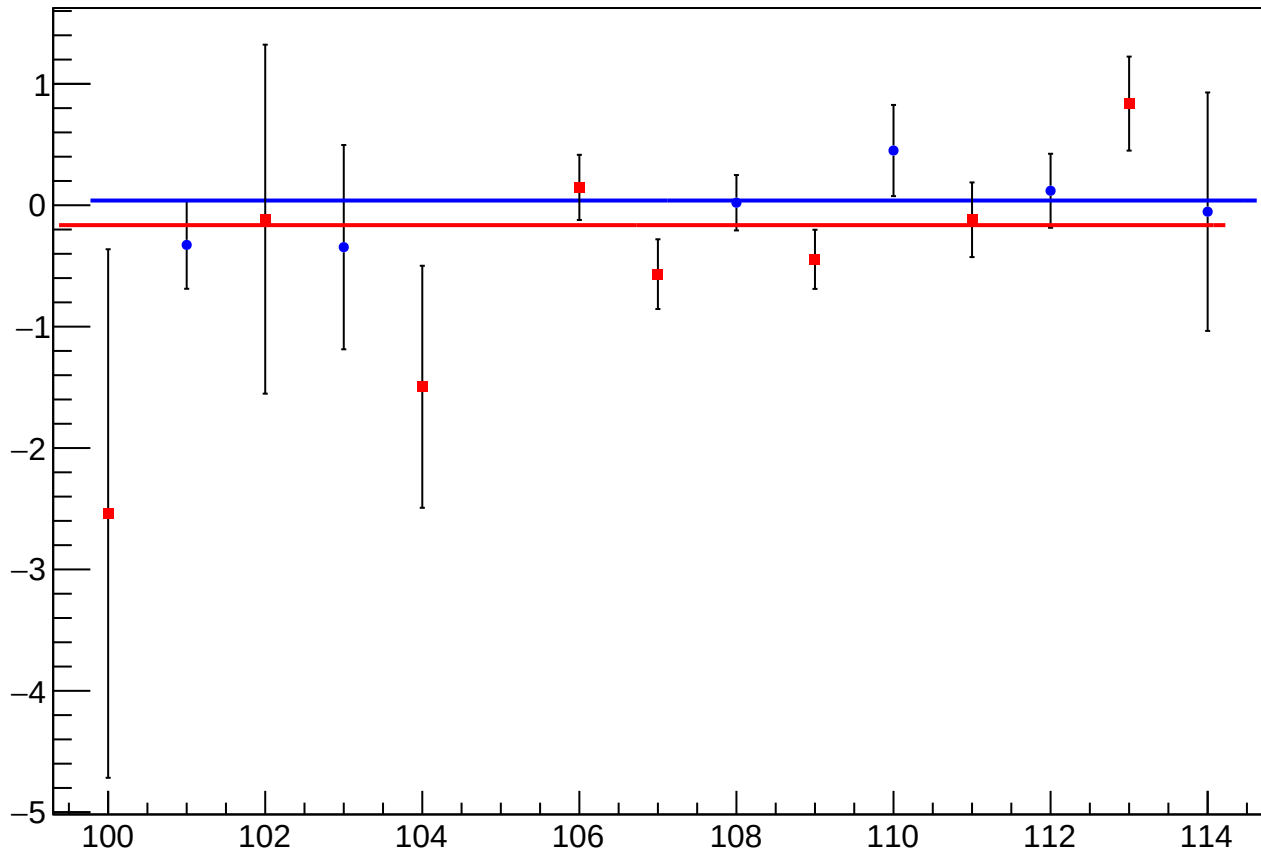
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 715959.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.146 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

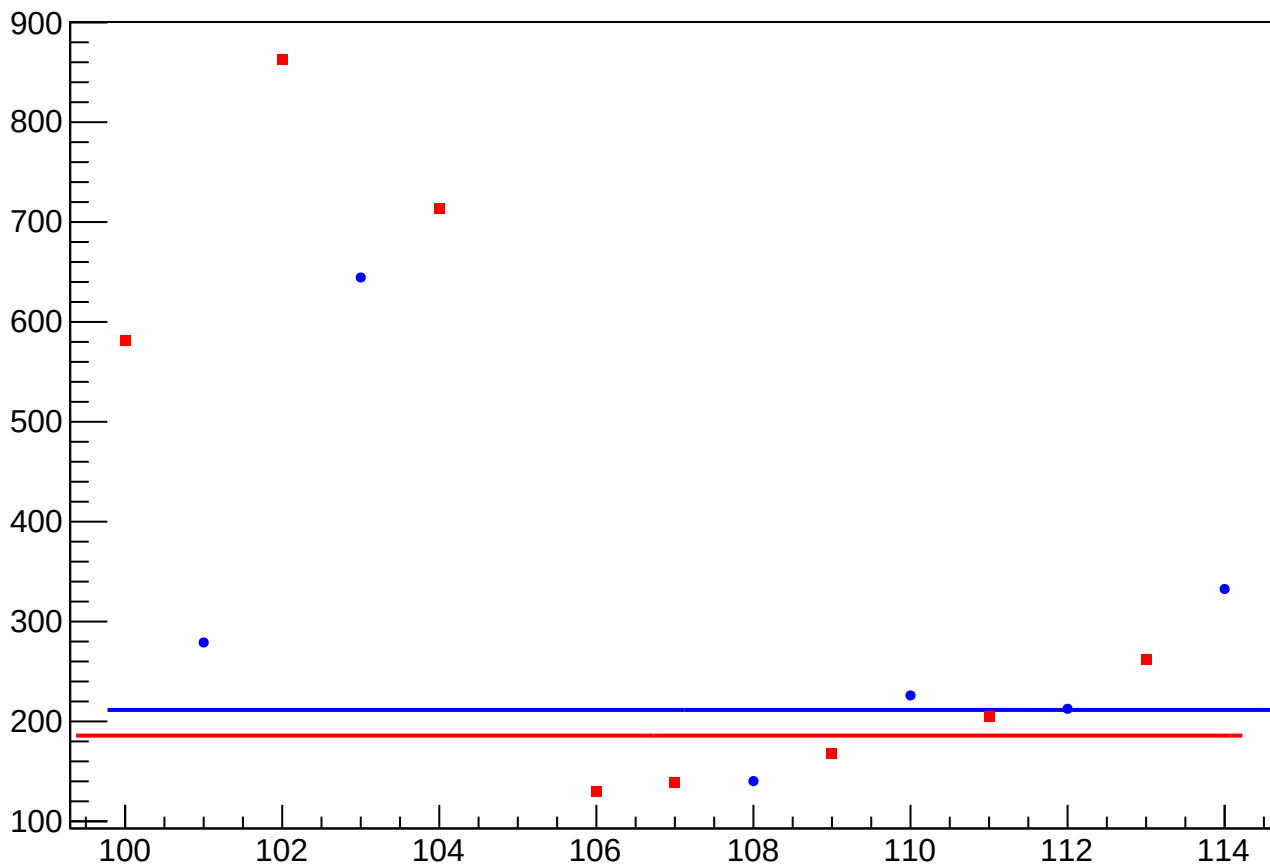
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.096 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 211.517 $\pm$ 0.103 χ^2 /NDF: 827881.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.816 $\pm$ 0.090 χ^2 /NDF: 1304674.3/7

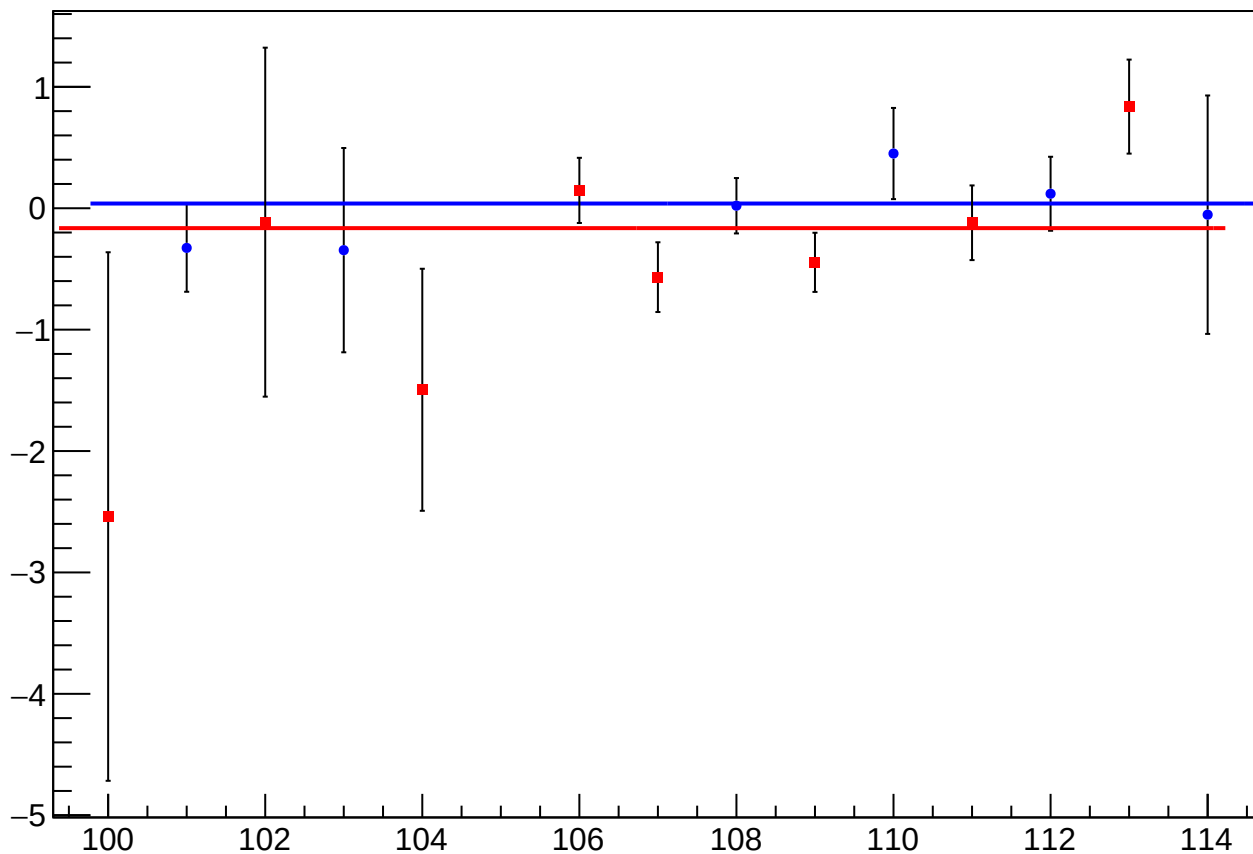
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 196.944 $\pm$ 0.068 χ^2 /NDF: 2167900.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.146 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

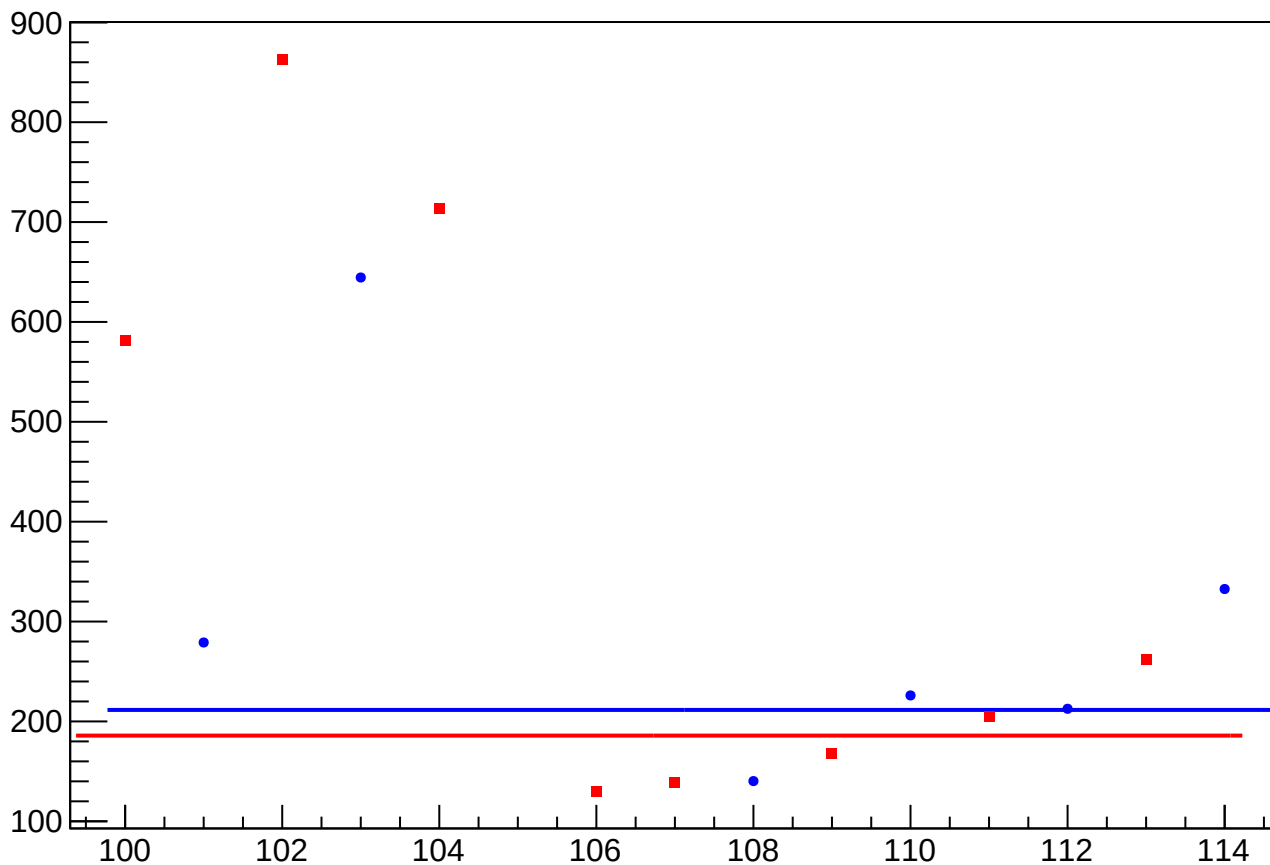
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.096 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 211.517 $\pm$ 0.103 χ^2 /NDF: 827881.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.816 $\pm$ 0.090 χ^2 /NDF: 1304674.3/7

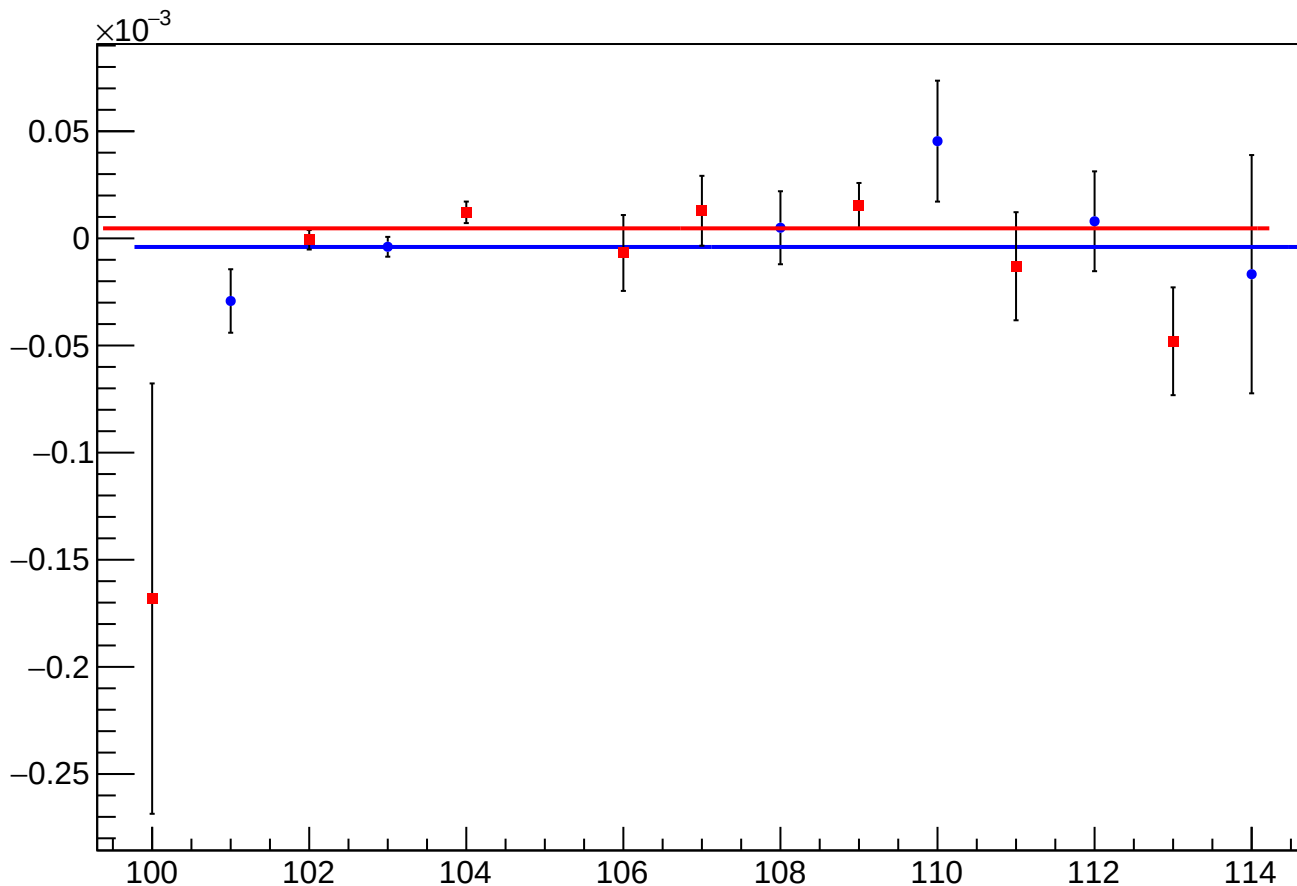
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 196.944 $\pm$ 0.068 χ^2 /NDF: 2167900.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.1/7

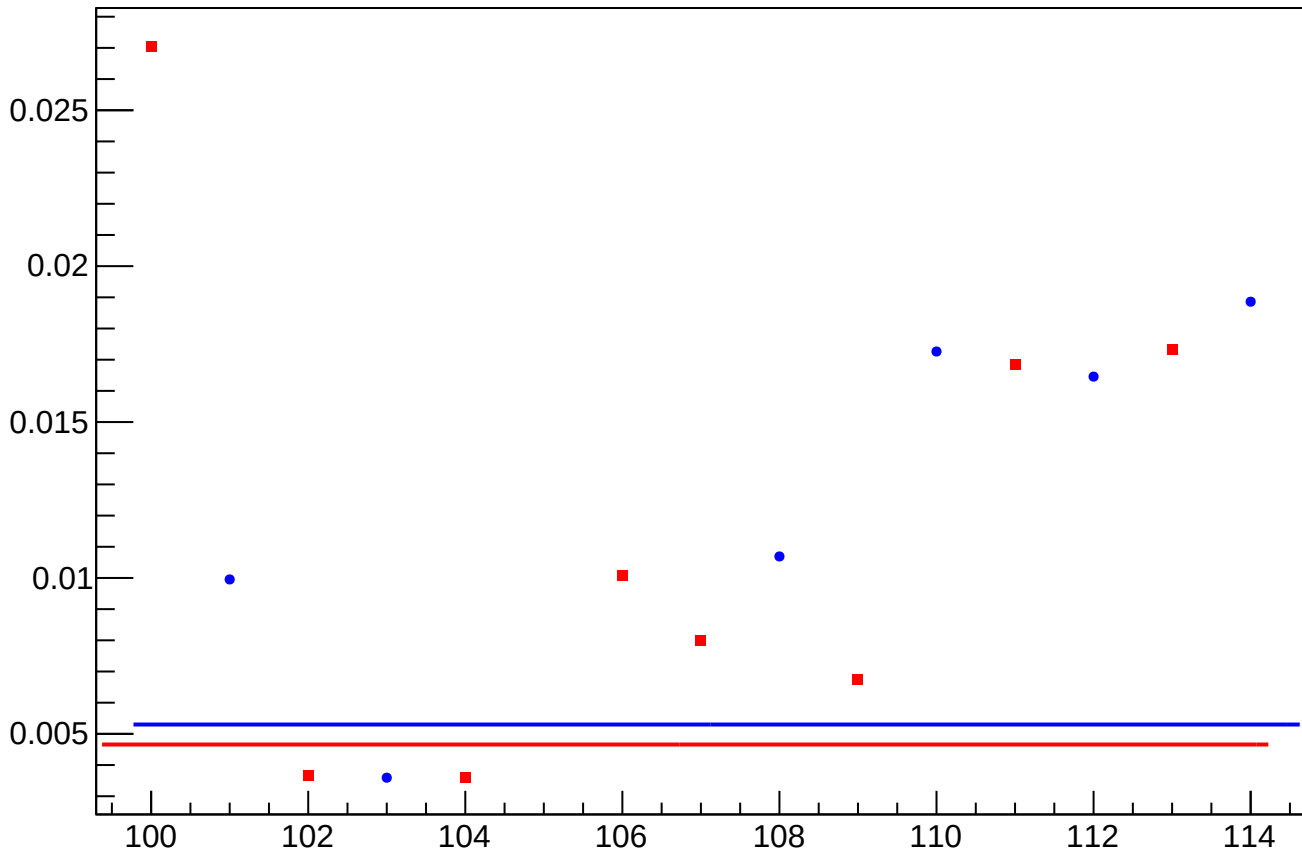
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.5/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1606242.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1603045.7/7

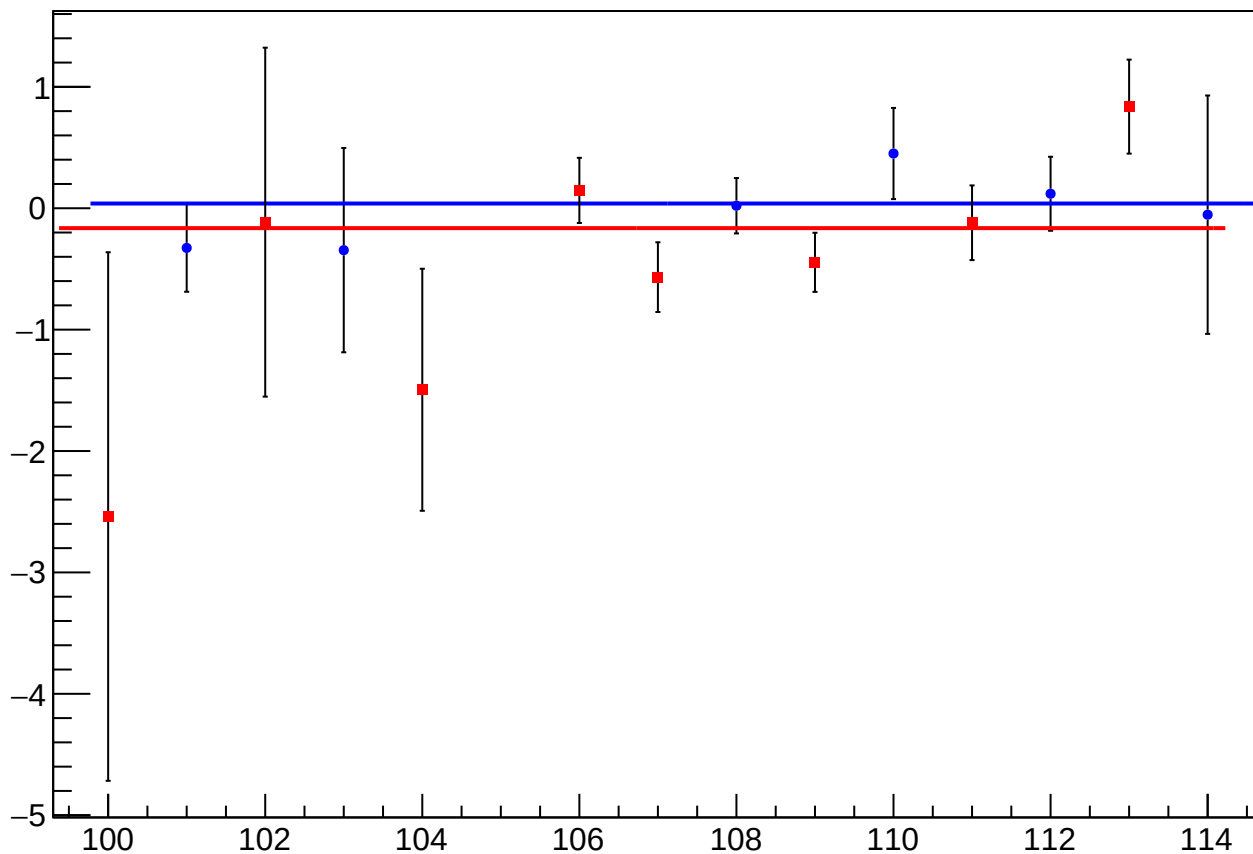
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3240275.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.146 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

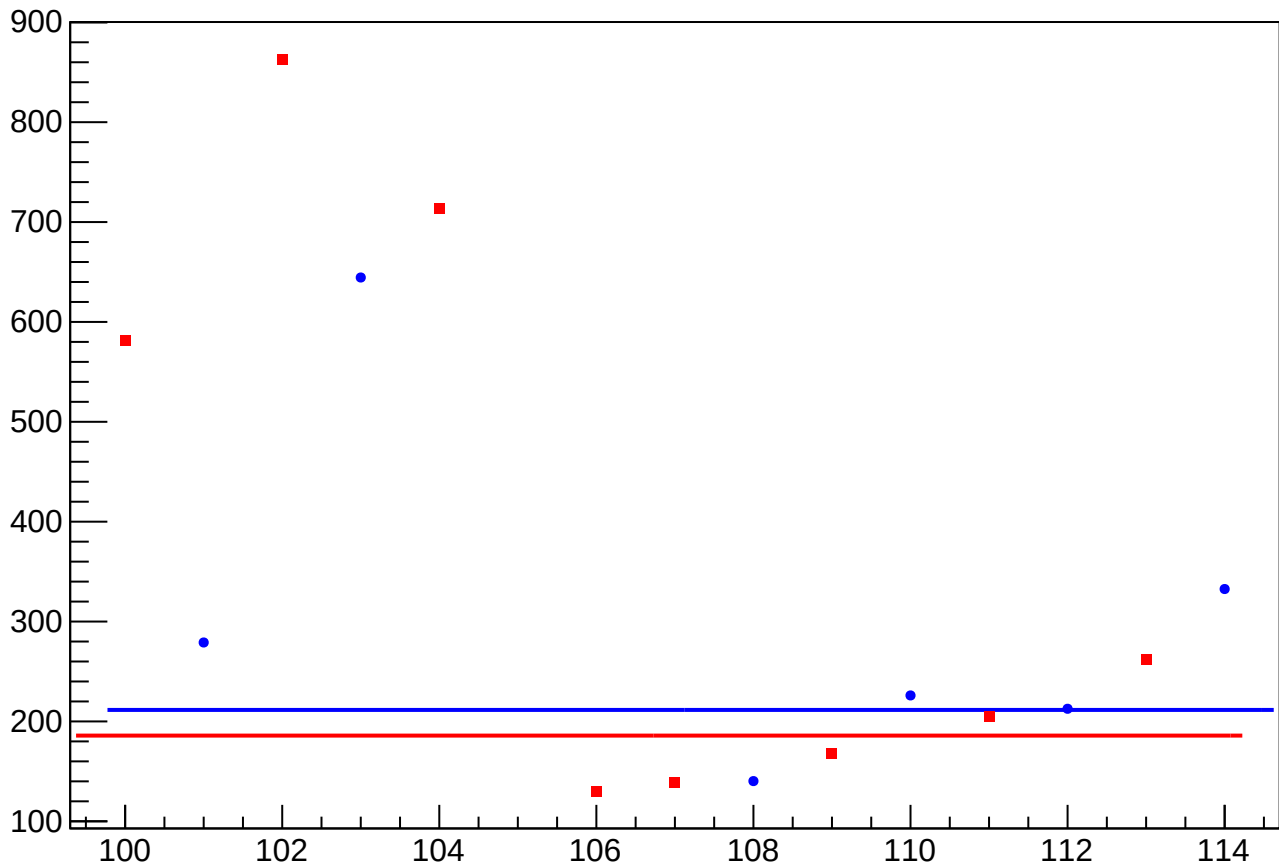
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.096 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 211.517 $\pm$ 0.103 χ^2 /NDF: 827885.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.816 $\pm$ 0.090 χ^2 /NDF: 1304671.4/7

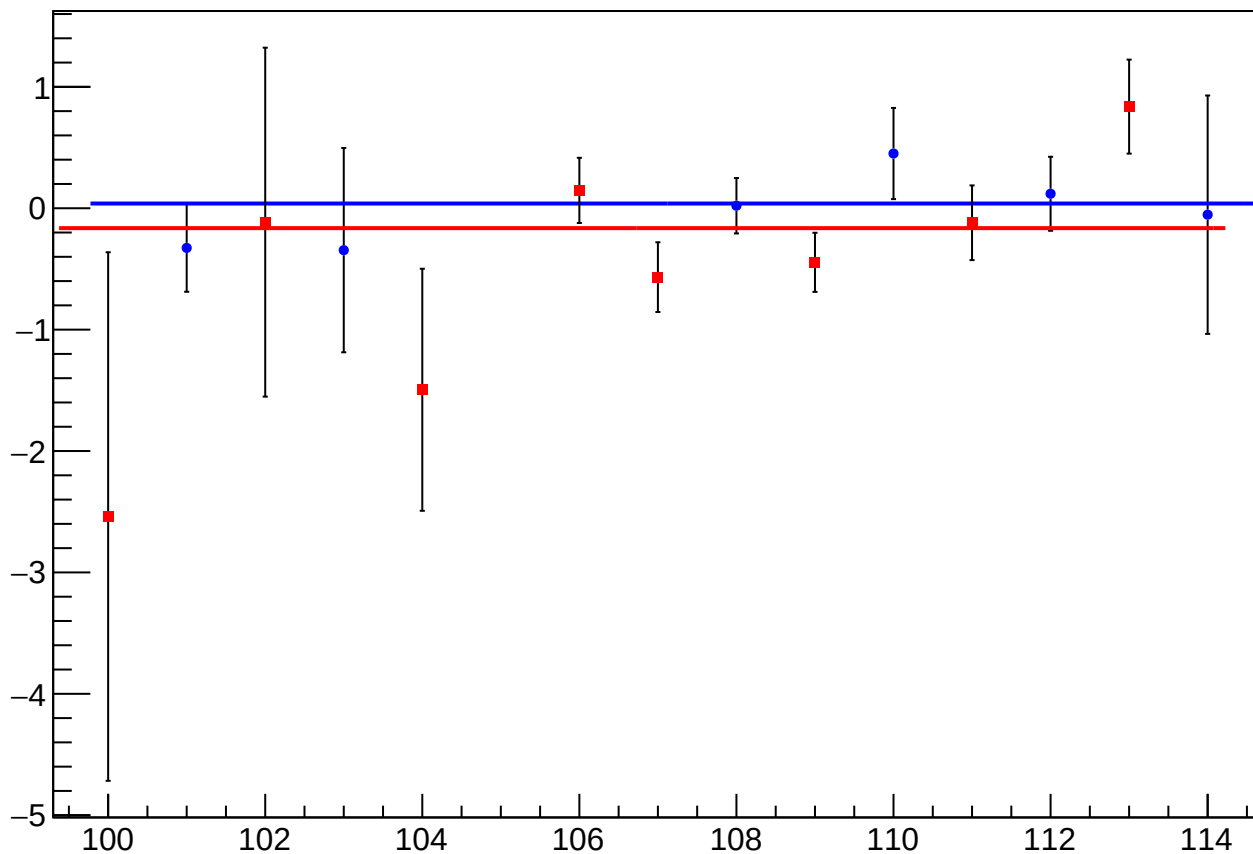
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 196.944 $\pm$ 0.068 χ^2 /NDF: 2167902.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.146 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

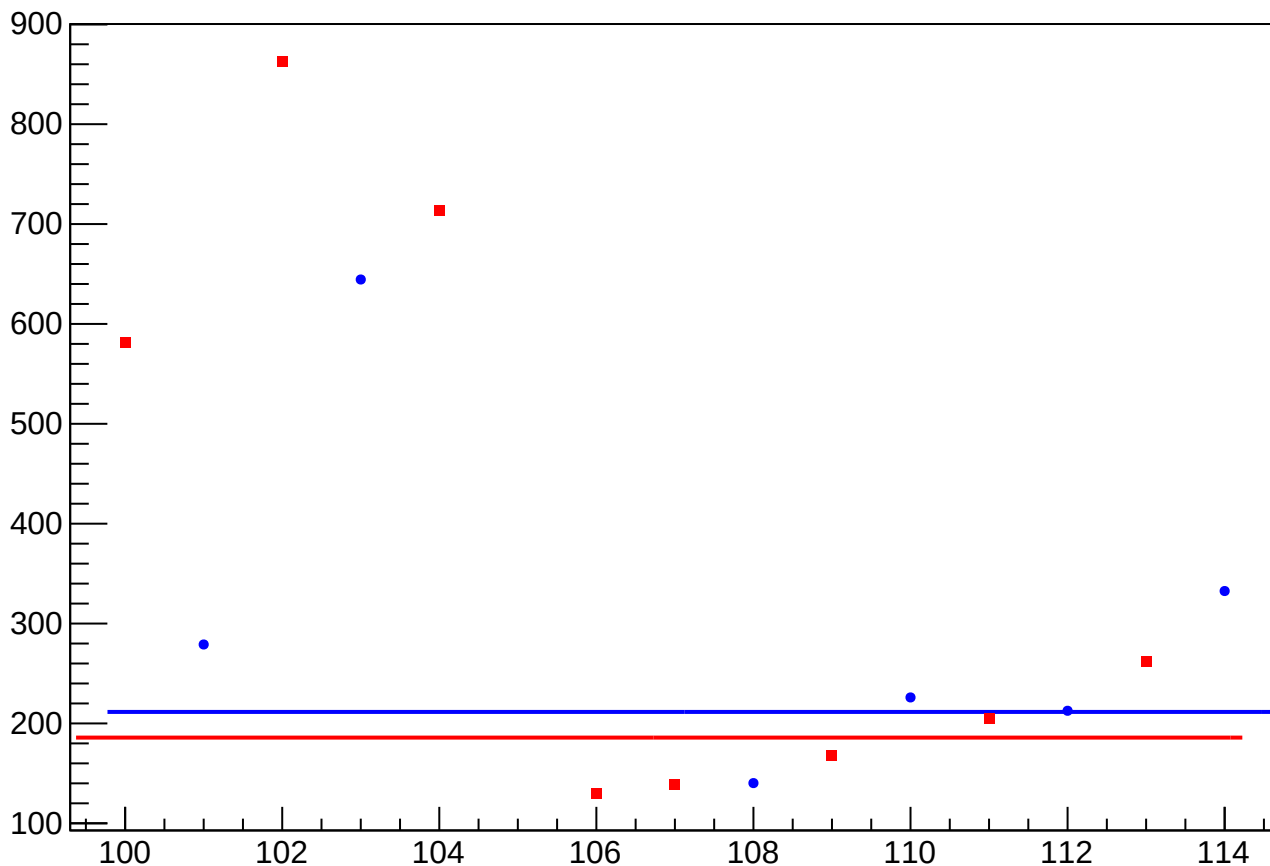
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.096 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 211.517 $\pm$ 0.103 χ^2 /NDF: 827885.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.816 $\pm$ 0.090 χ^2 /NDF: 1304671.4/7

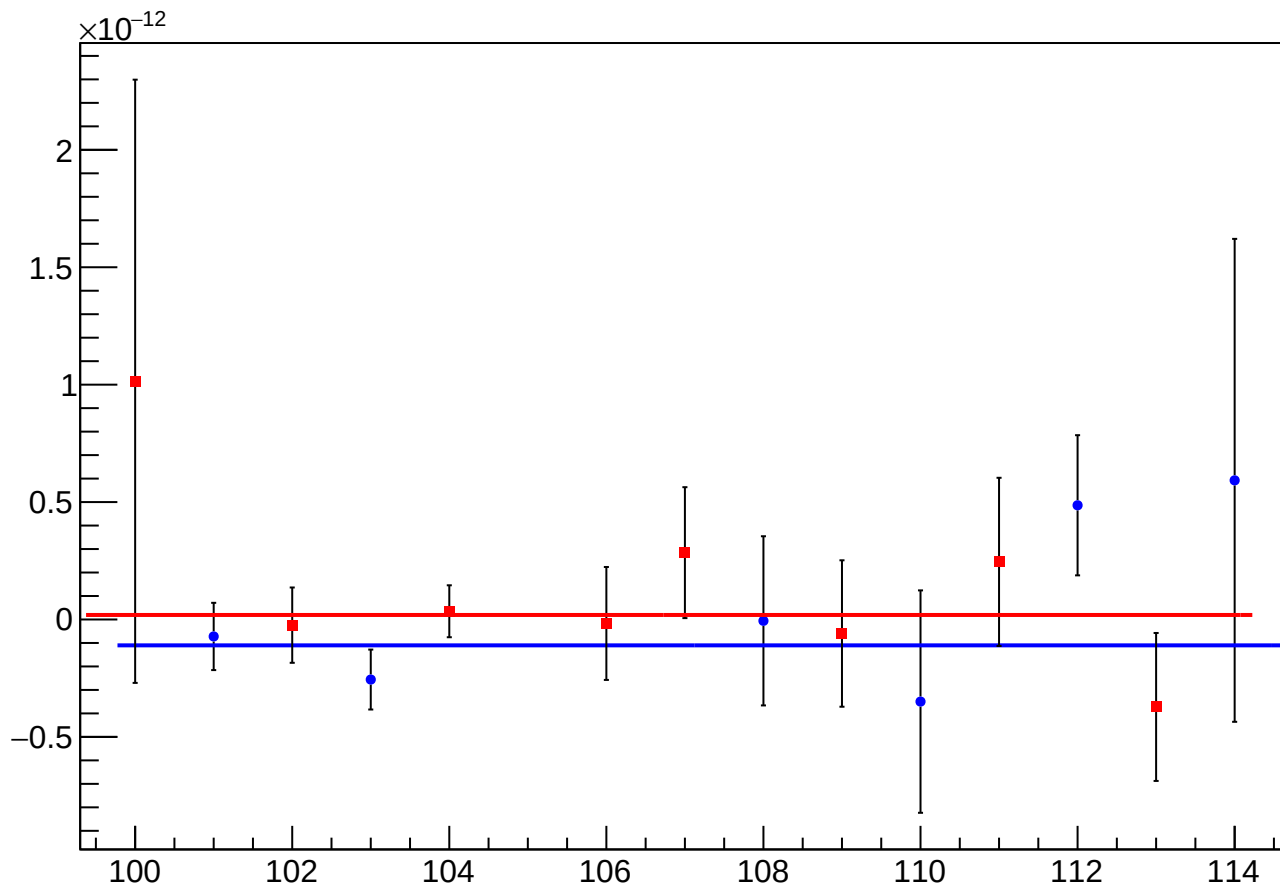
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 196.944 $\pm$ 0.068 χ^2 /NDF: 2167902.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/7

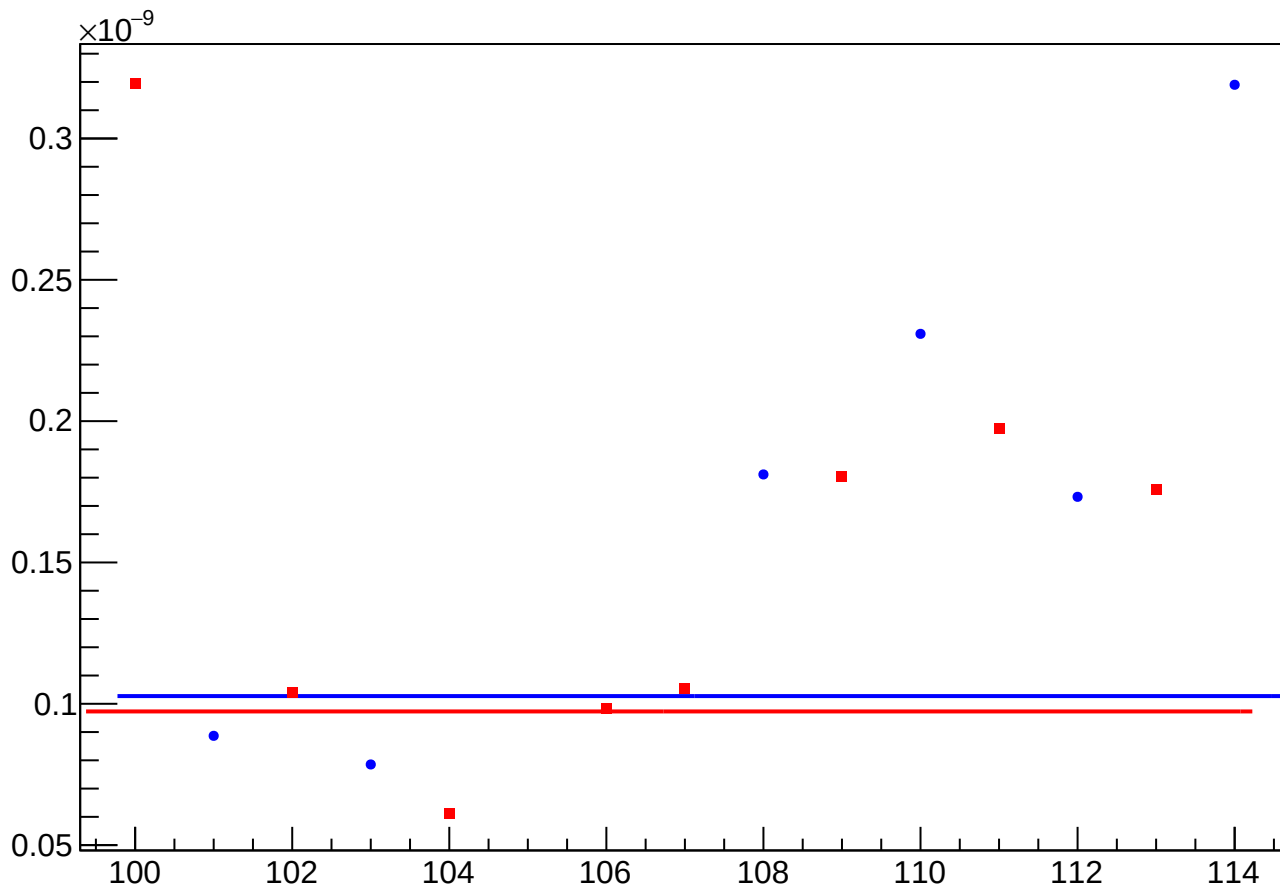
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 532507.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 702223.1/7

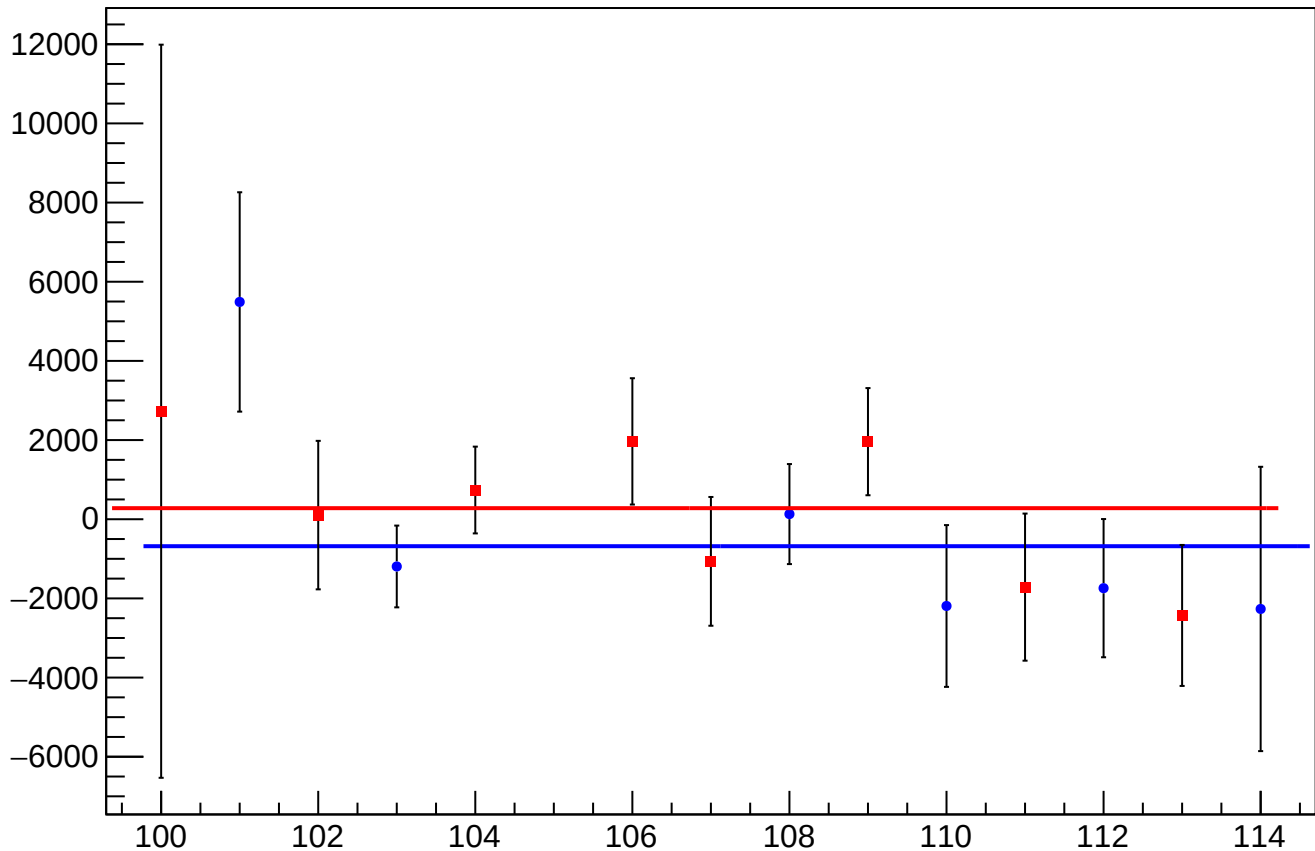
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1239269.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -681.281+/-653.860 χ^2 /NDF: 6.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 279.578+/-572.638 χ^2 /NDF: 7.1/7

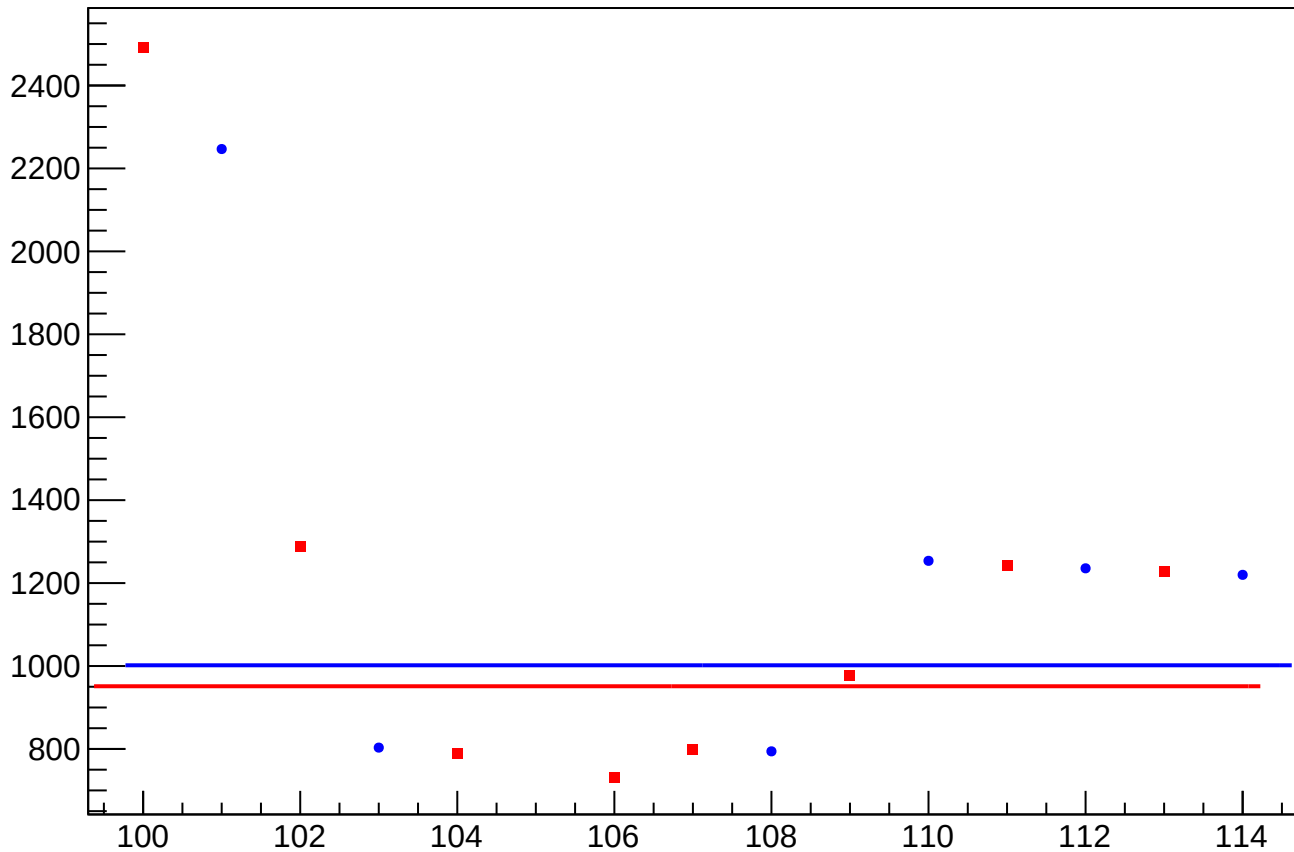
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -137.498+/-430.787 χ^2 /NDF: 15.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1001.759 $\pm$ 0.462 χ^2 /NDF: 605272.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 951.207 $\pm$ 0.398 χ^2 /NDF: 327102.5/7

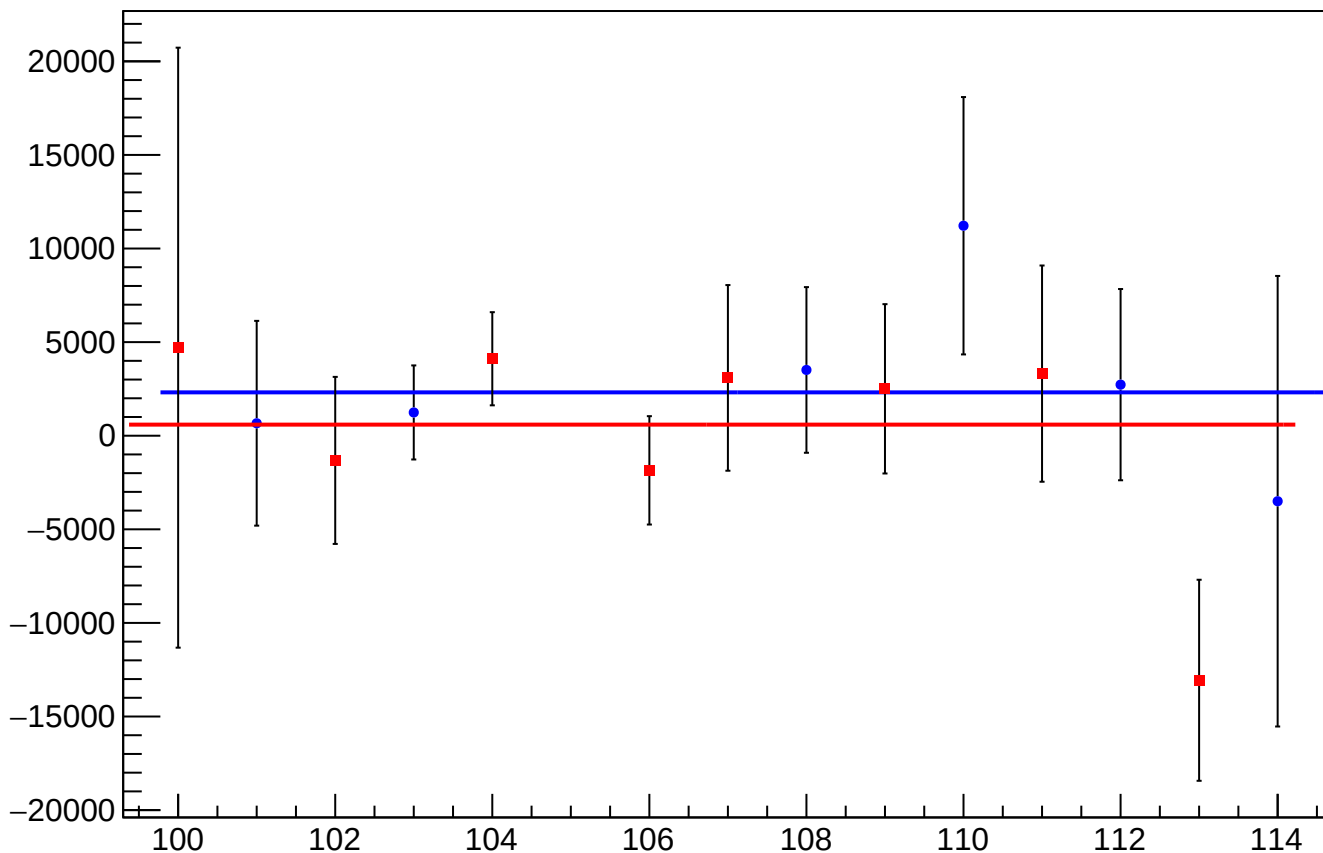
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 972.754 $\pm$ 0.302 χ^2 /NDF: 939234.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_mean vs Slug



Right In: 2316.066+/-1798.015 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.493+/-1429.676 χ^2/NDF : 10.1/7

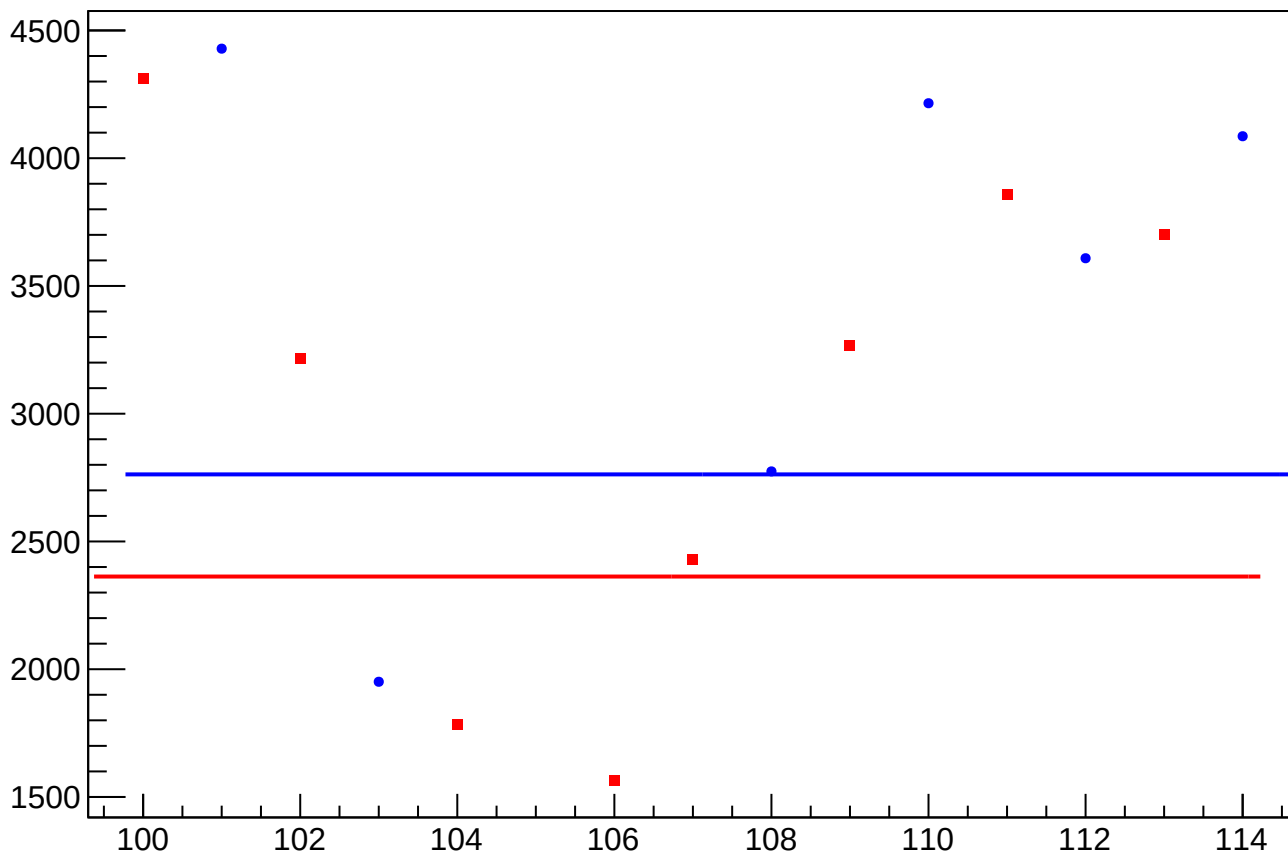
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.117+/-1119.037 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 2762.528+/-1.271 χ^2/NDF : 562680.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2362.732+/-1.011 χ^2/NDF : 701554.1/7

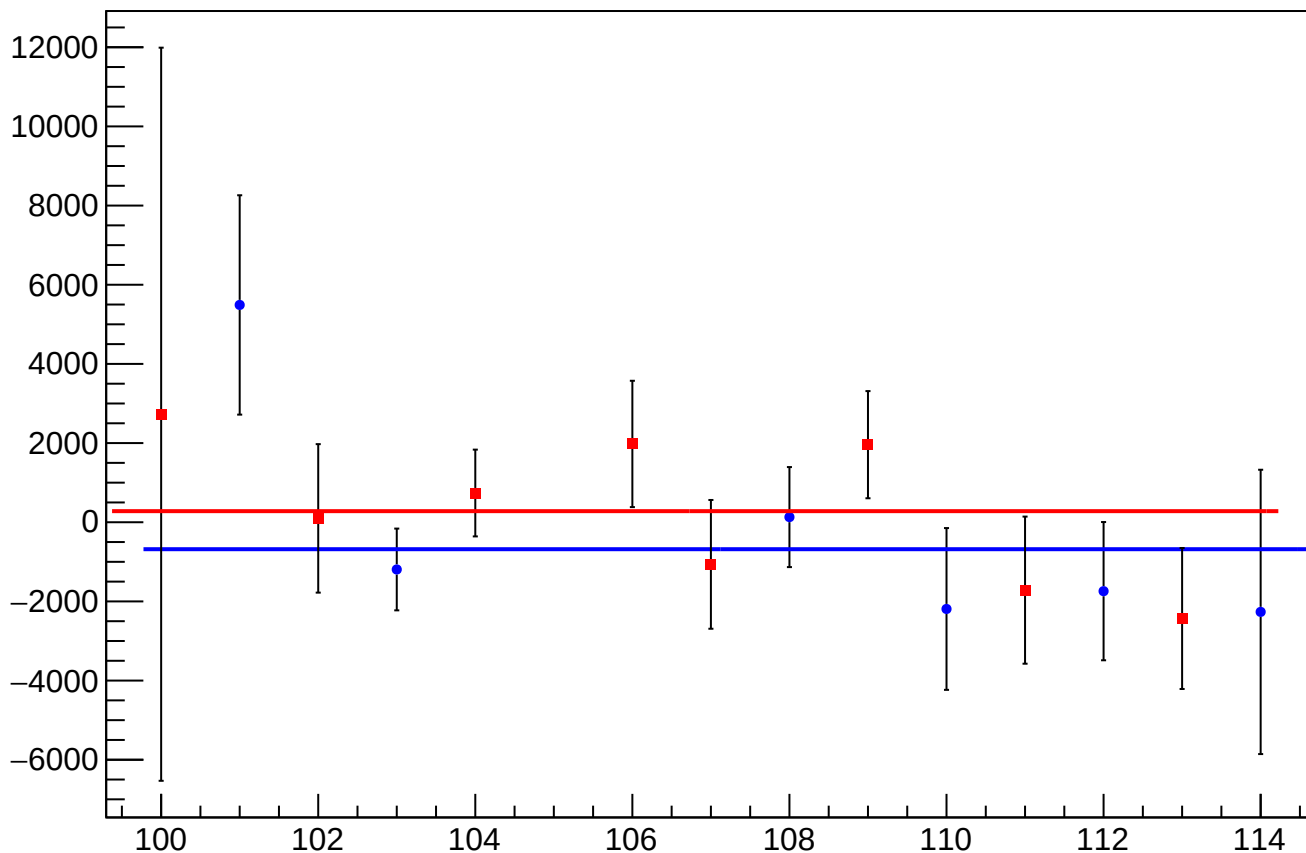
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2517.592+/-0.791 χ^2/NDF : 1324815.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_mean vs Slug



Right In: -681.082 $\pm$ 653.861 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 280.155 $\pm$ 572.649 χ^2 /NDF: 7.1/7

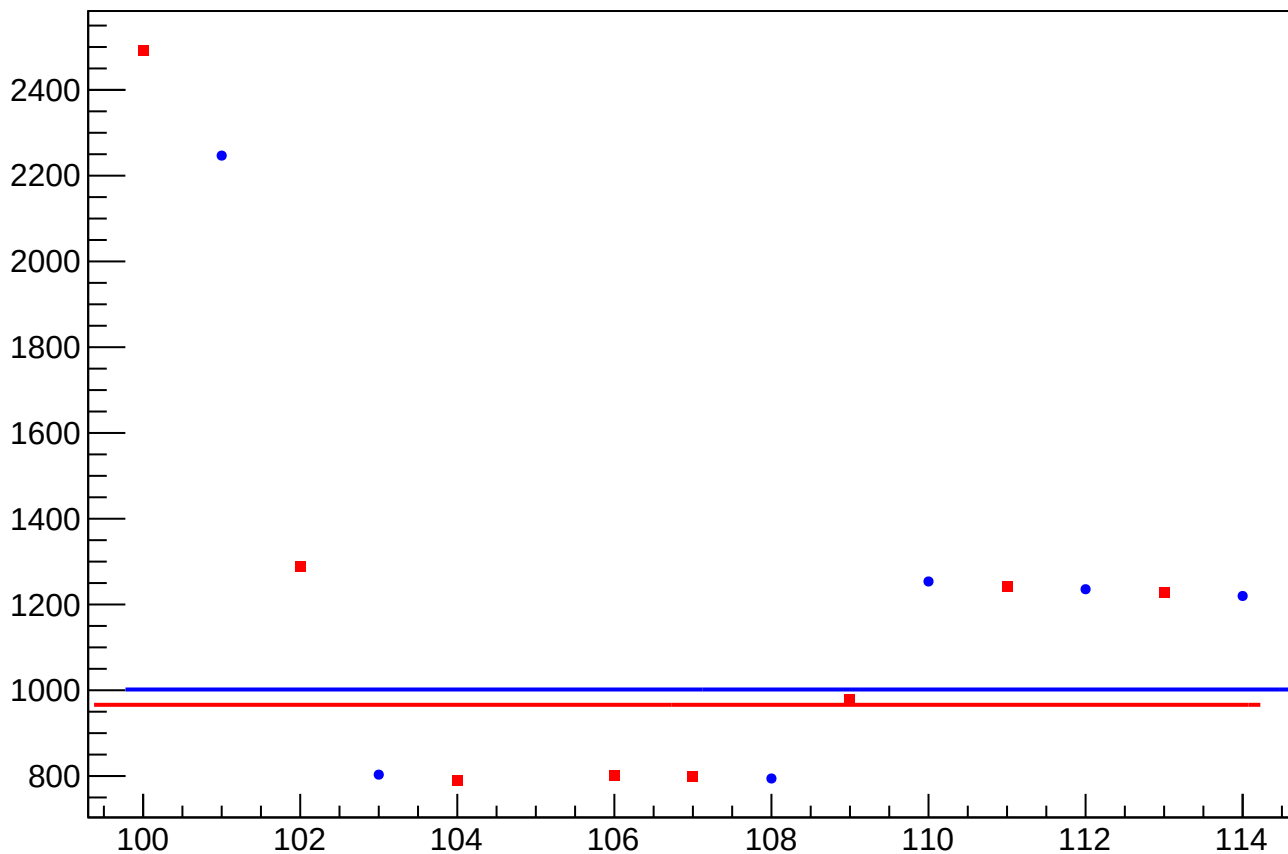
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -137.094 $\pm$ 430.792 χ^2 /NDF: 15.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1001.761+/-0.462 χ^2/NDF : 605270.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 966.056+/-0.403 χ^2/NDF : 297015.8/7

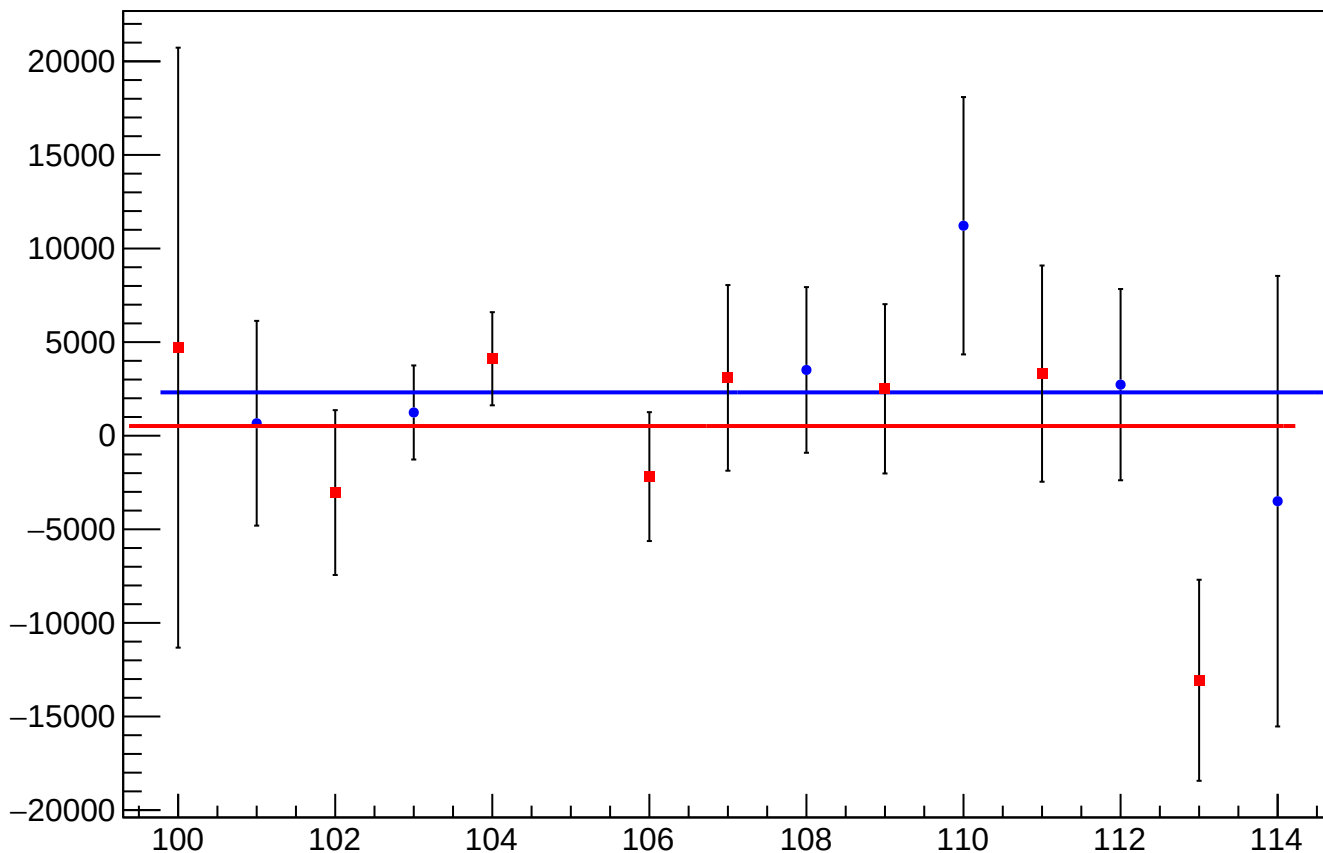
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.489+/-0.304 χ^2/NDF : 905672.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



Right In: 2315.194+/-1798.171 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.506+/-1481.503 χ^2/NDF : 10.5/7

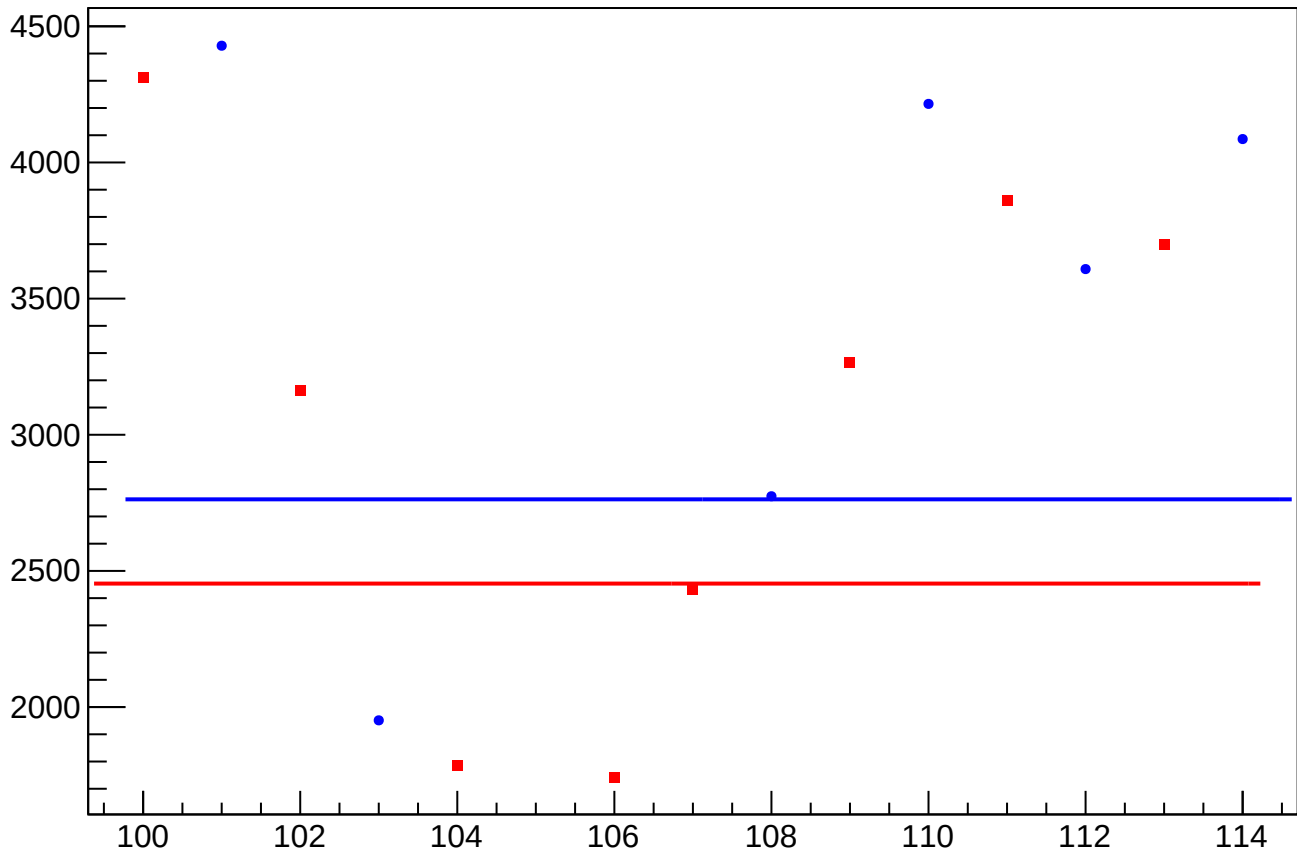
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.378+/-1143.412 χ^2/NDF : 13.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 2762.850+/-1.271 χ^2/NDF : 562424.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.481+/-1.048 χ^2/NDF : 600246.9/7

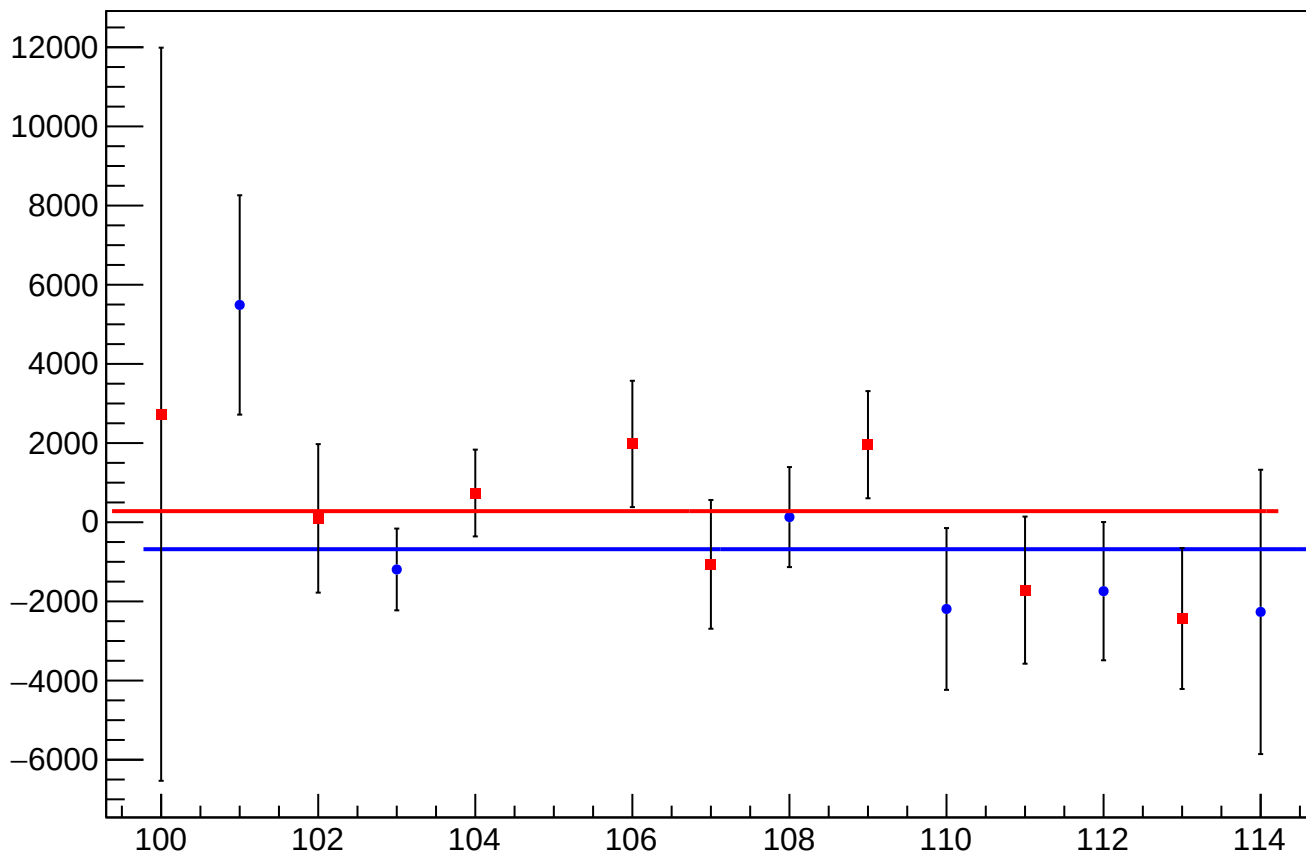
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2578.571+/-0.809 χ^2/NDF : 1197934.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -681.082 $\pm$ 653.861 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 280.155 $\pm$ 572.649 χ^2 /NDF: 7.1/7

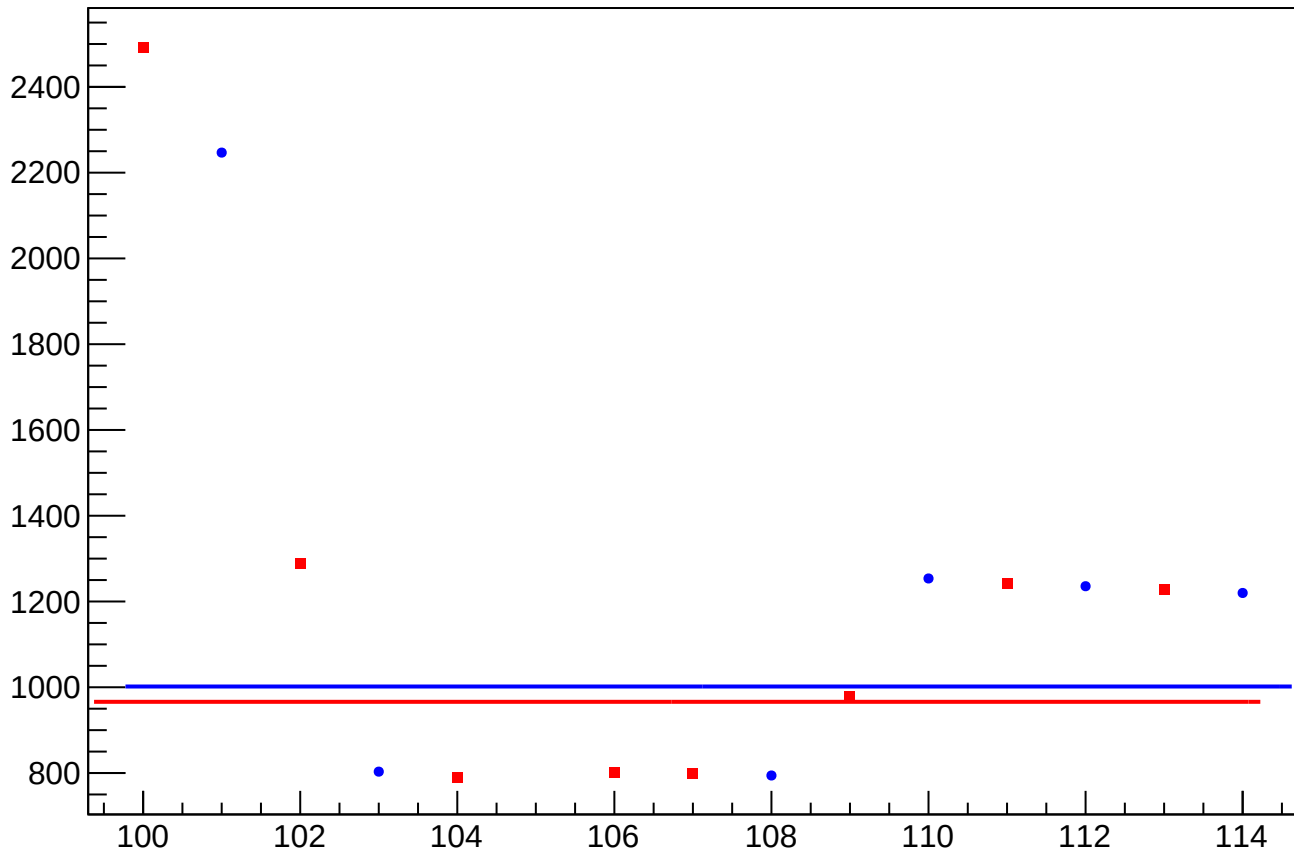
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -137.094 $\pm$ 430.792 χ^2 /NDF: 15.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1001.761 $\pm$ 0.462 χ^2 /NDF: 605270.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 966.056 $\pm$ 0.403 χ^2 /NDF: 297015.8/7

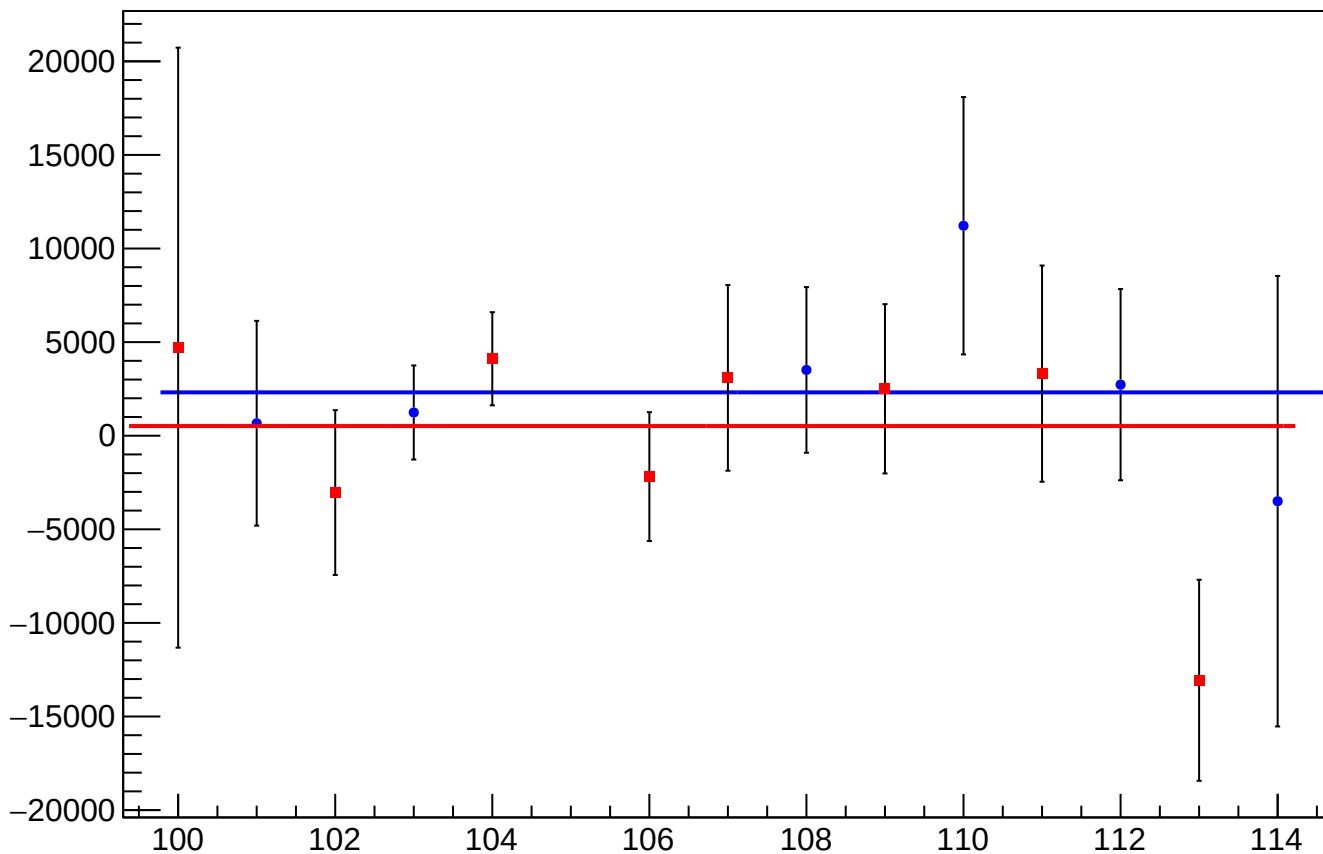
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 981.489 $\pm$ 0.304 χ^2 /NDF: 905672.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug



Right In: 2315.194+/-1798.171 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.506+/-1481.503 χ^2/NDF : 10.5/7

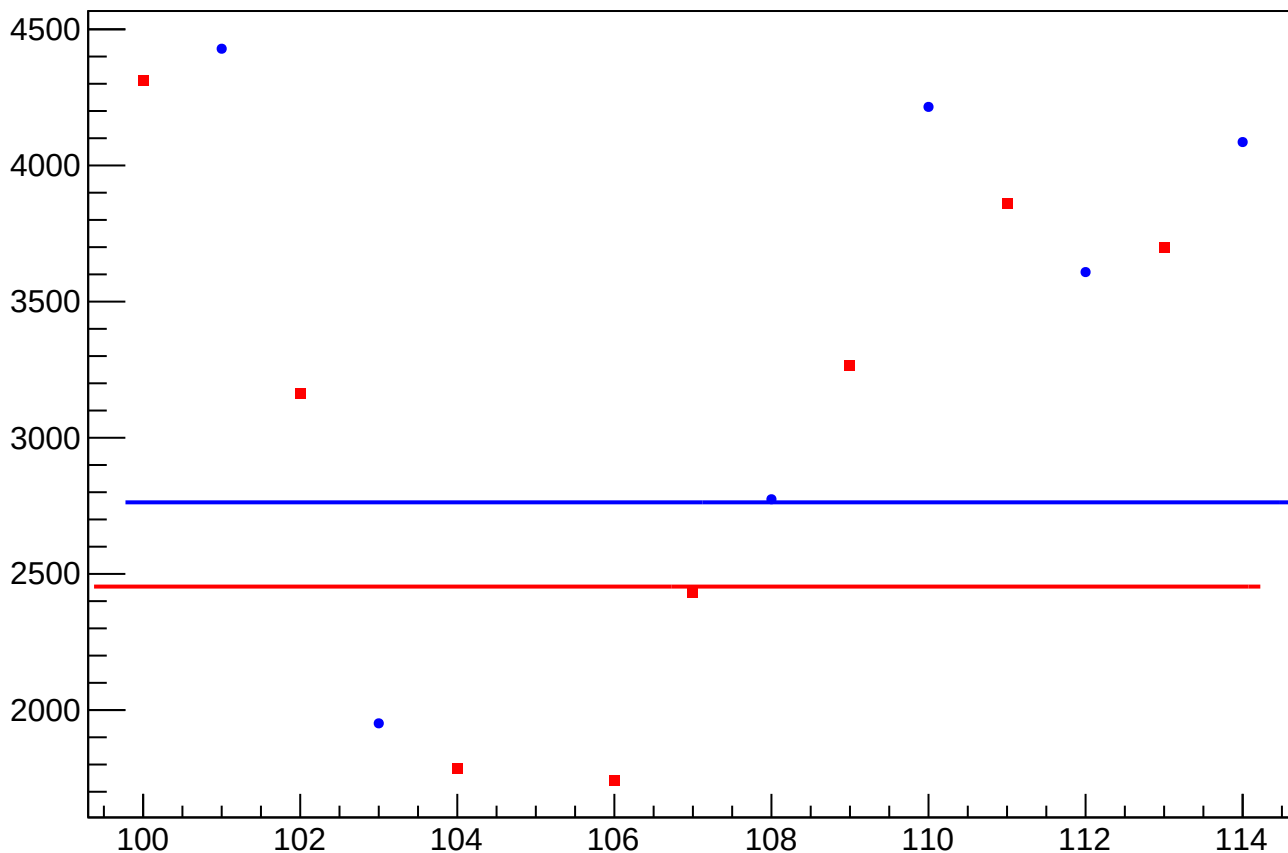
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.378+/-1143.412 χ^2/NDF : 13.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



Right In: 2762.850+/-1.271 χ^2/NDF : 562424.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.481+/-1.048 χ^2/NDF : 600246.9/7

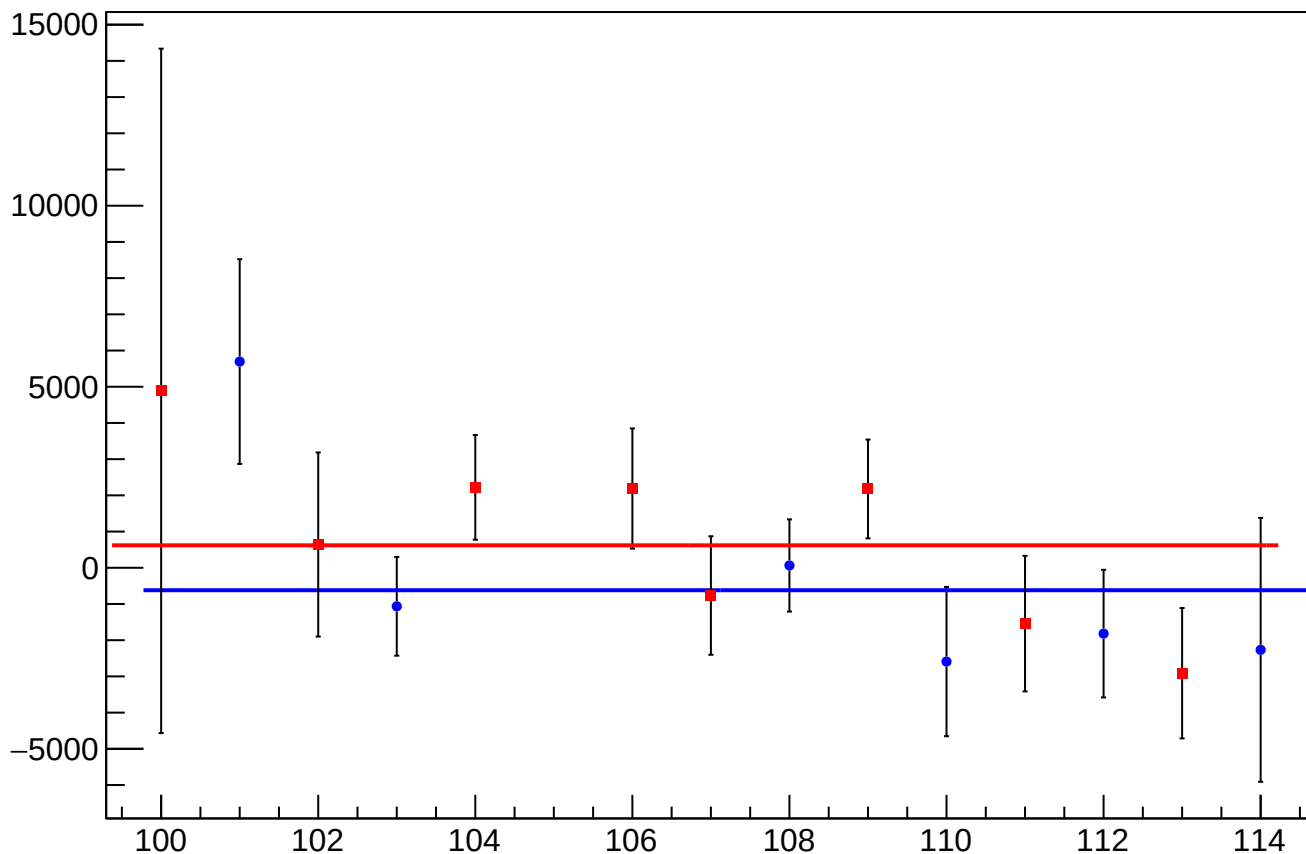
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2578.571+/-0.809 χ^2/NDF : 1197934.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_mean vs Slug



Right In: -620.050 $\pm$ 723.073 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 620.395 $\pm$ 630.998 χ^2 /NDF: 9.5/7

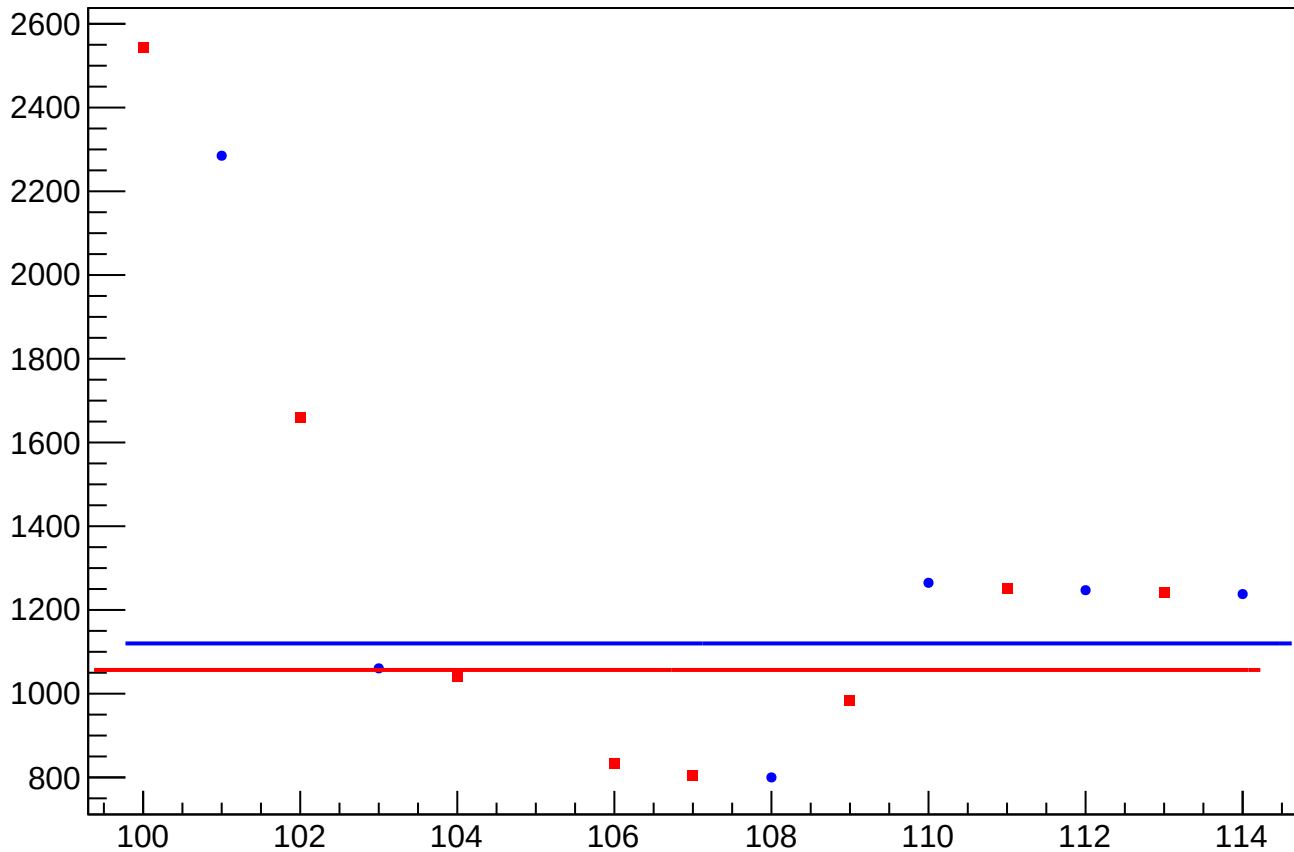
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.132 $\pm$ 475.425 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1120.017 $\pm$ 0.511 χ^2 /NDF: 492170.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

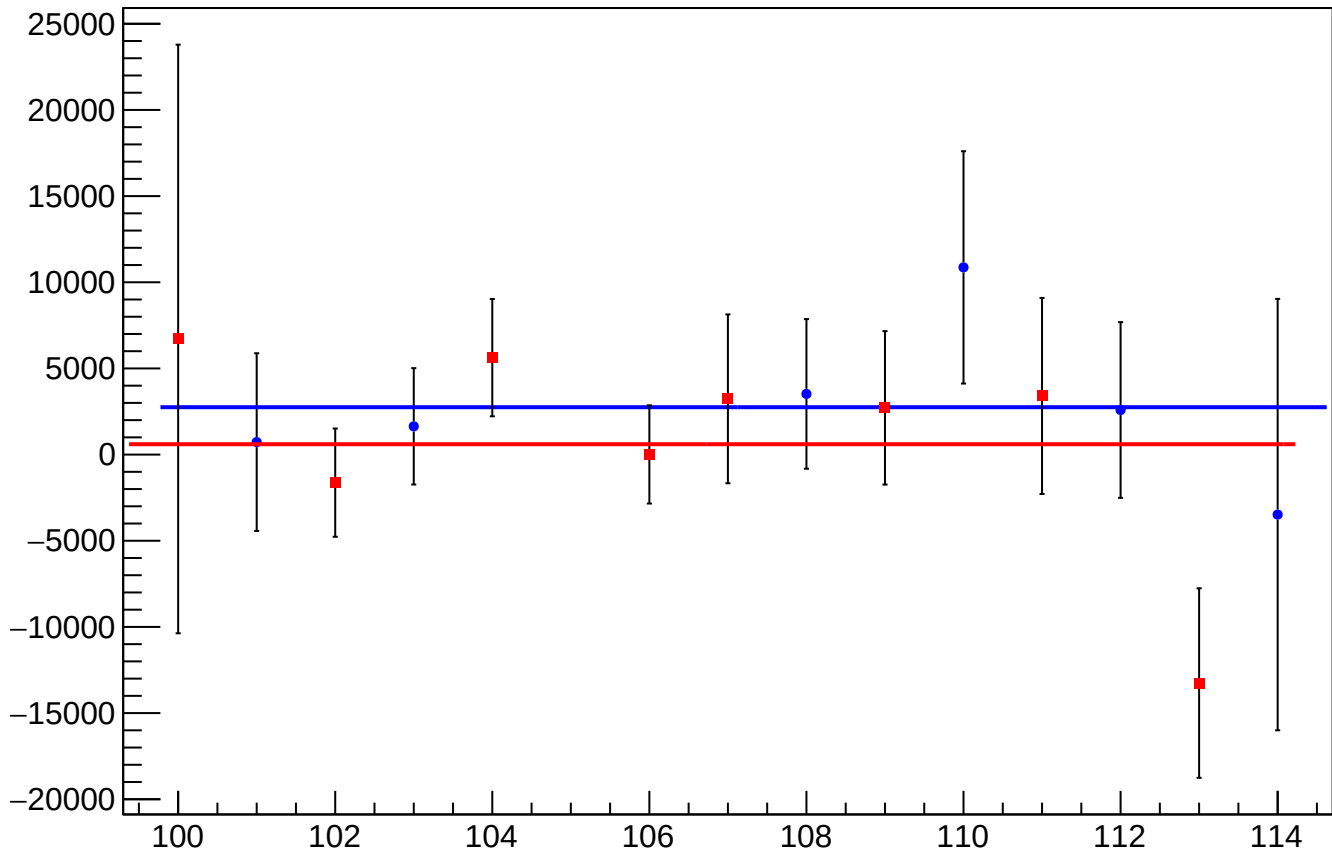
Right Out: 1056.655 $\pm$ 0.446 χ^2 /NDF: 294996.5/7

All: 1084.017 $\pm$ 0.336 χ^2 /NDF: 795892.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 2750.138+/-2019.346 χ^2/NDF : 2.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.787+/-1458.141 χ^2/NDF : 10.0/7

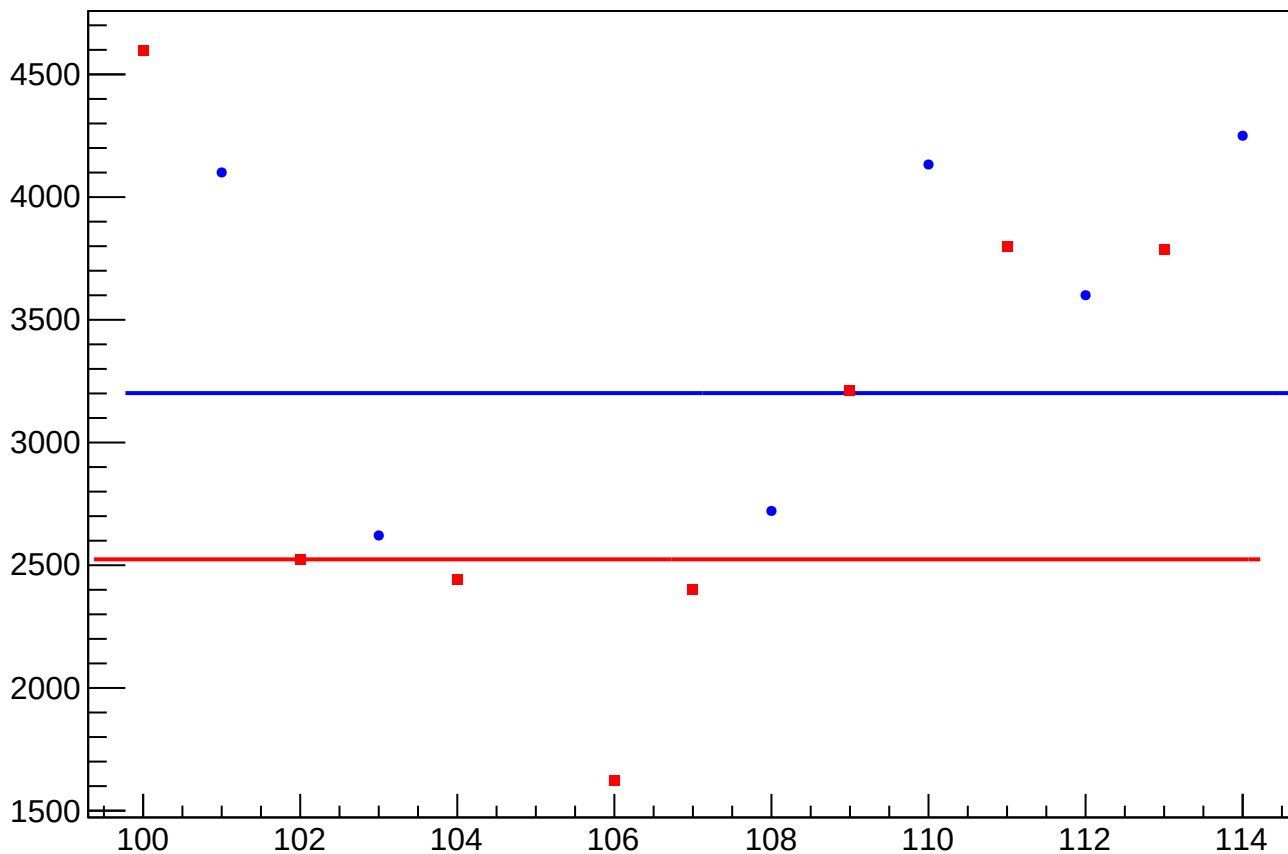
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.057+/-1182.161 χ^2/NDF : 12.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3201.414+/-1.428 χ^2/NDF : 208768.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2524.032+/-1.031 χ^2/NDF : 485592.6/7

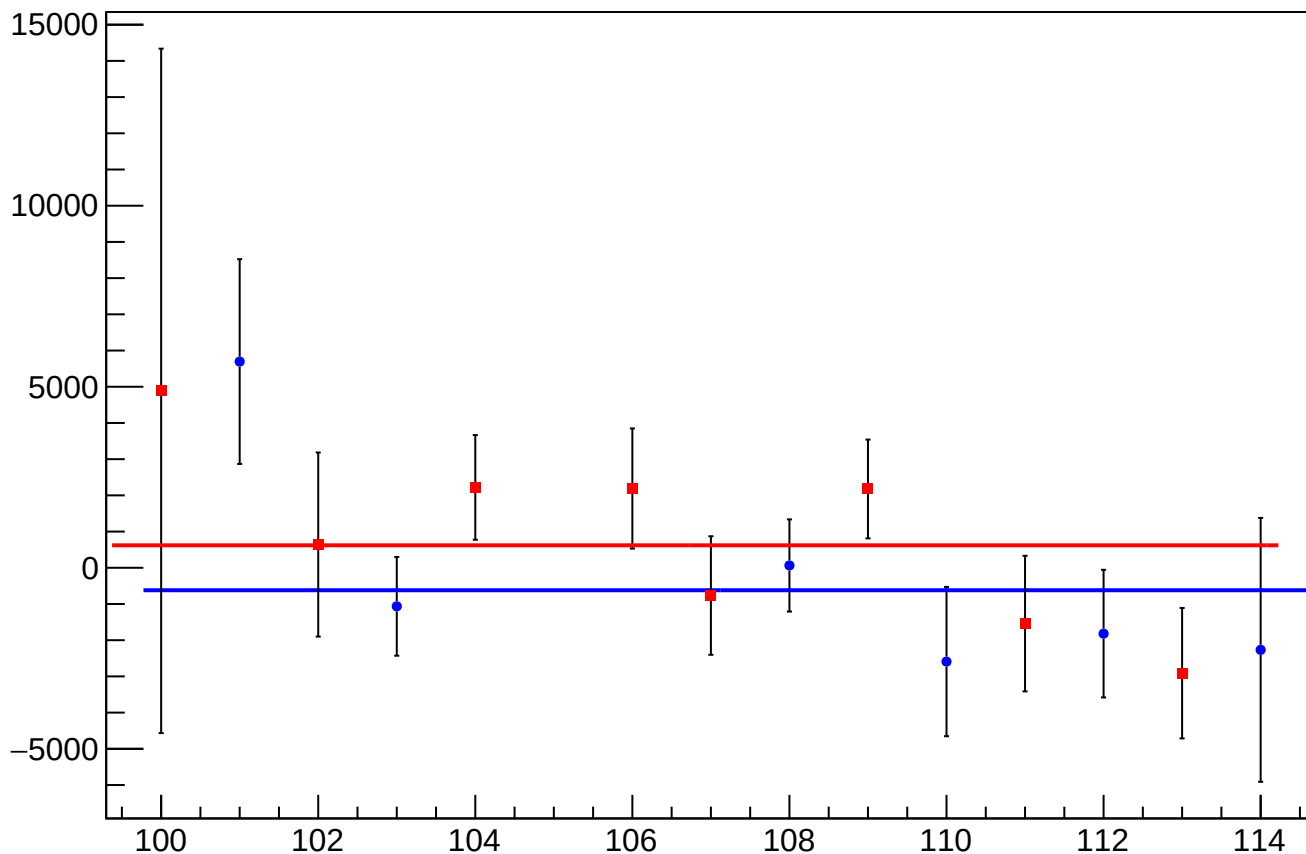
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.181+/-0.836 χ^2/NDF : 842281.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -620.049+/-723.073 χ^2/NDF : 7.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.399+/-630.999 χ^2/NDF : 9.5/7

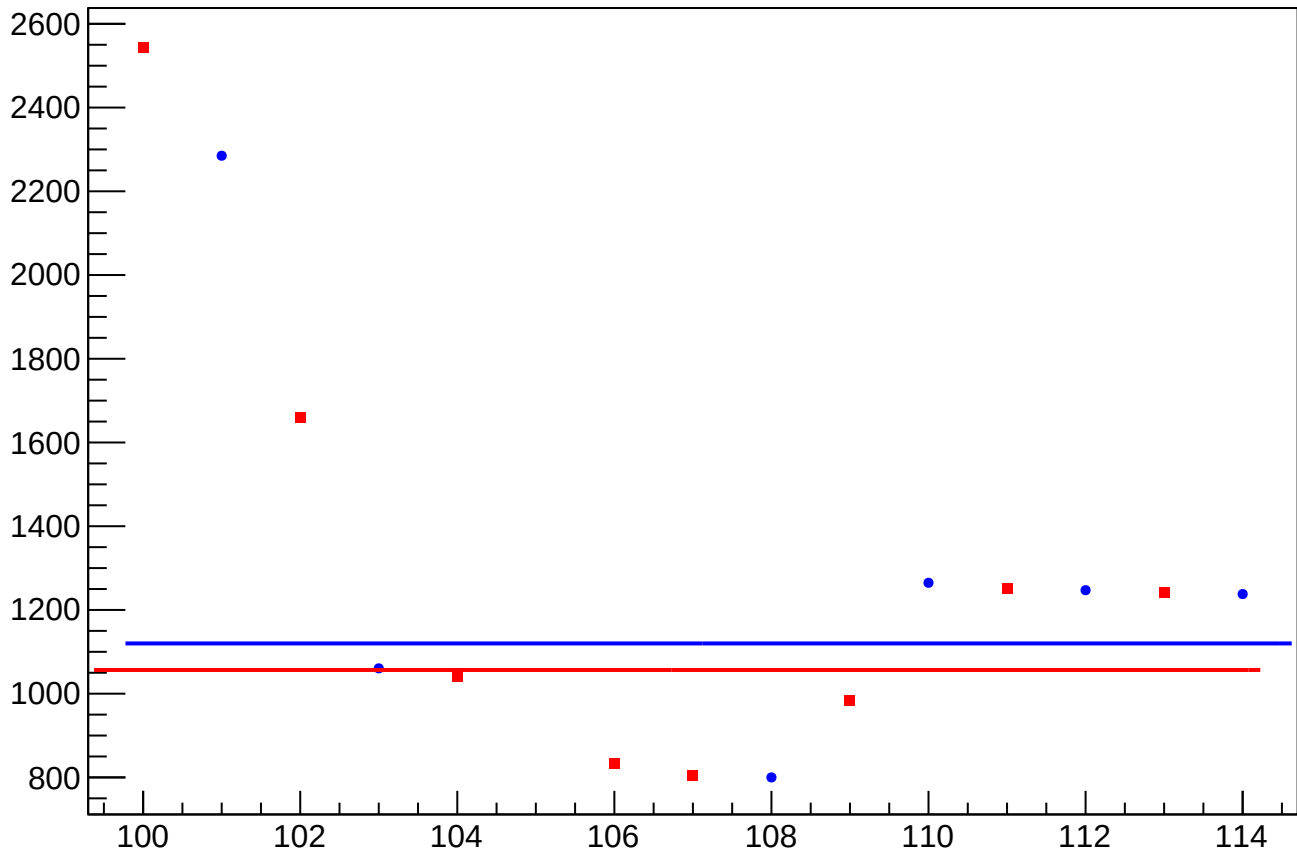
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.134+/-475.425 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1120.017 $\pm$ 0.511 χ^2 /NDF: 492170.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

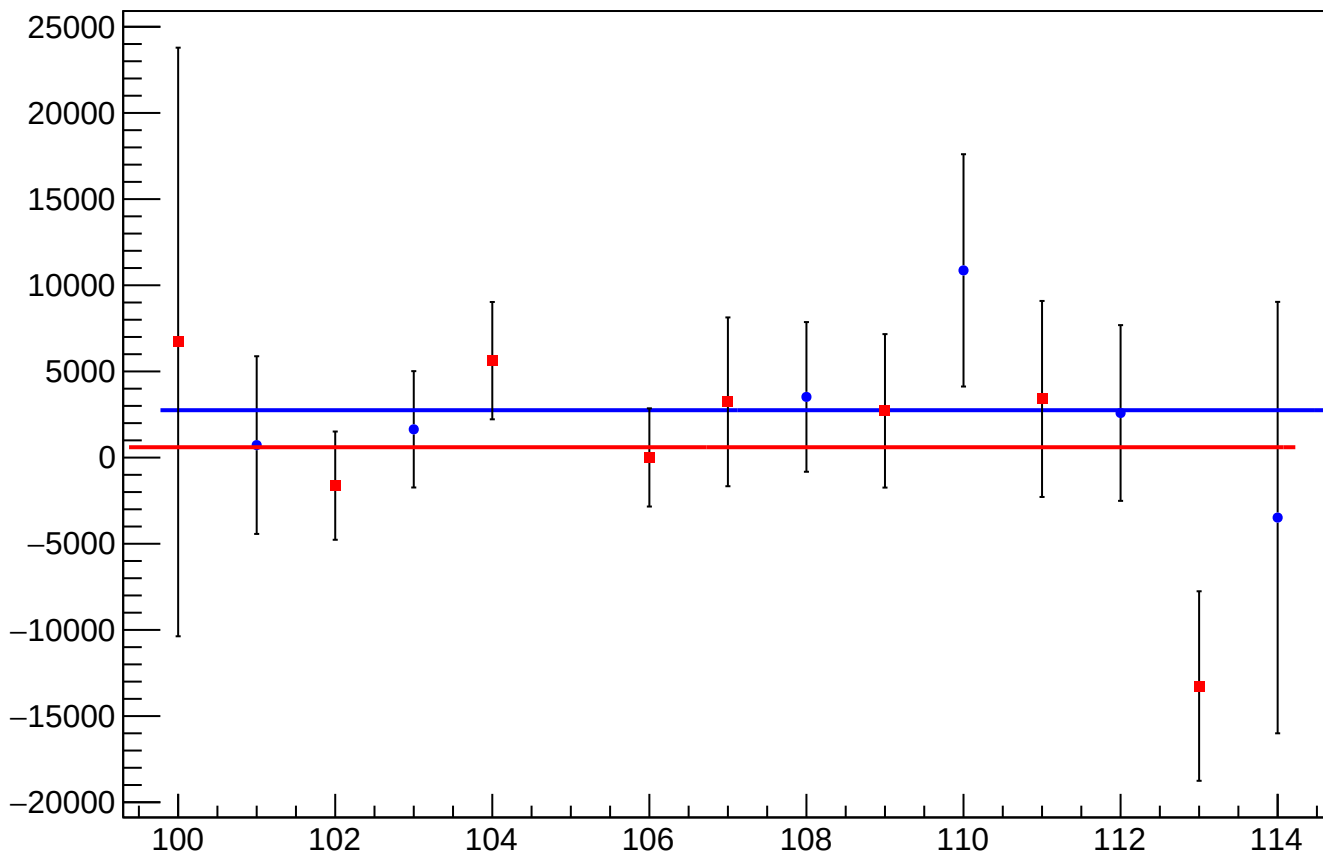
Right Out: 1056.655 $\pm$ 0.446 χ^2 /NDF: 294996.5/7

All: 1084.018 $\pm$ 0.336 χ^2 /NDF: 795892.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug



Right In: 2750.141 $\pm$ 2019.347 χ^2/NDF : 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 601.797 $\pm$ 1458.139 χ^2/NDF : 10.0/7

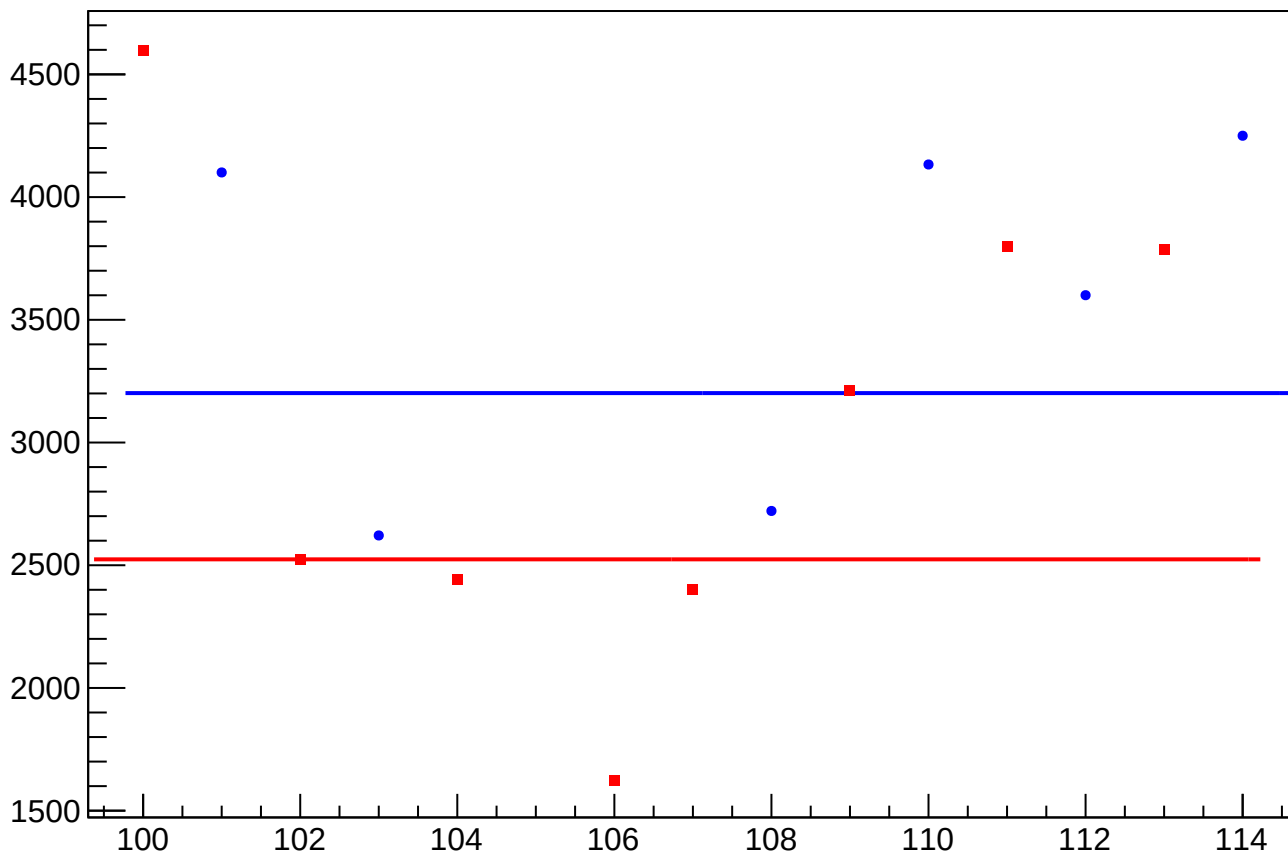
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1338.063 $\pm$ 1182.160 χ^2/NDF : 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



Right In: 3201.416+/-1.428 χ^2/NDF : 208765.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2524.028+/-1.031 χ^2/NDF : 485595.2/7

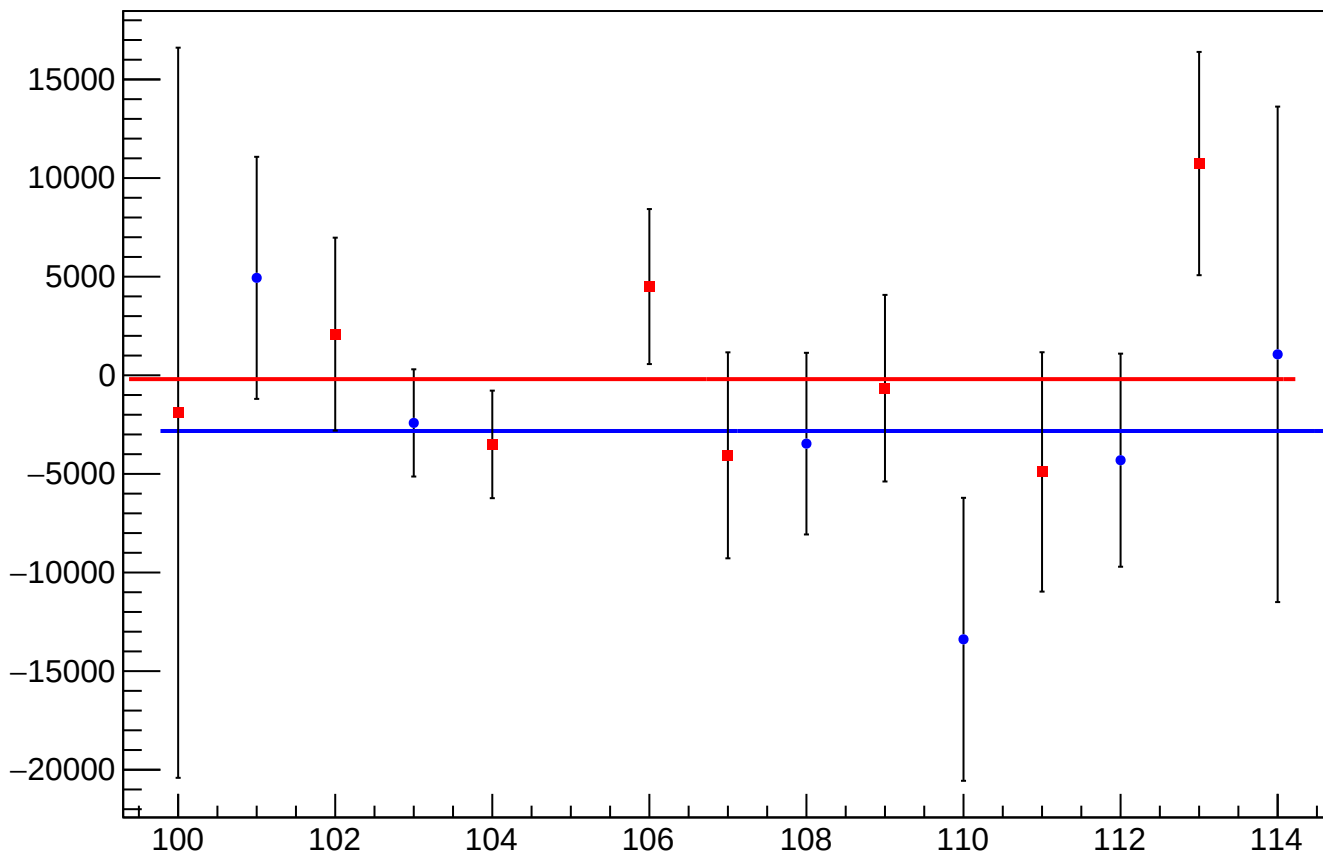
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.178+/-0.836 χ^2/NDF : 842284.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -2824.370+/-1927.737 χ^2 /NDF: 4.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -194.441+/-1614.217 χ^2 /NDF: 8.0/7

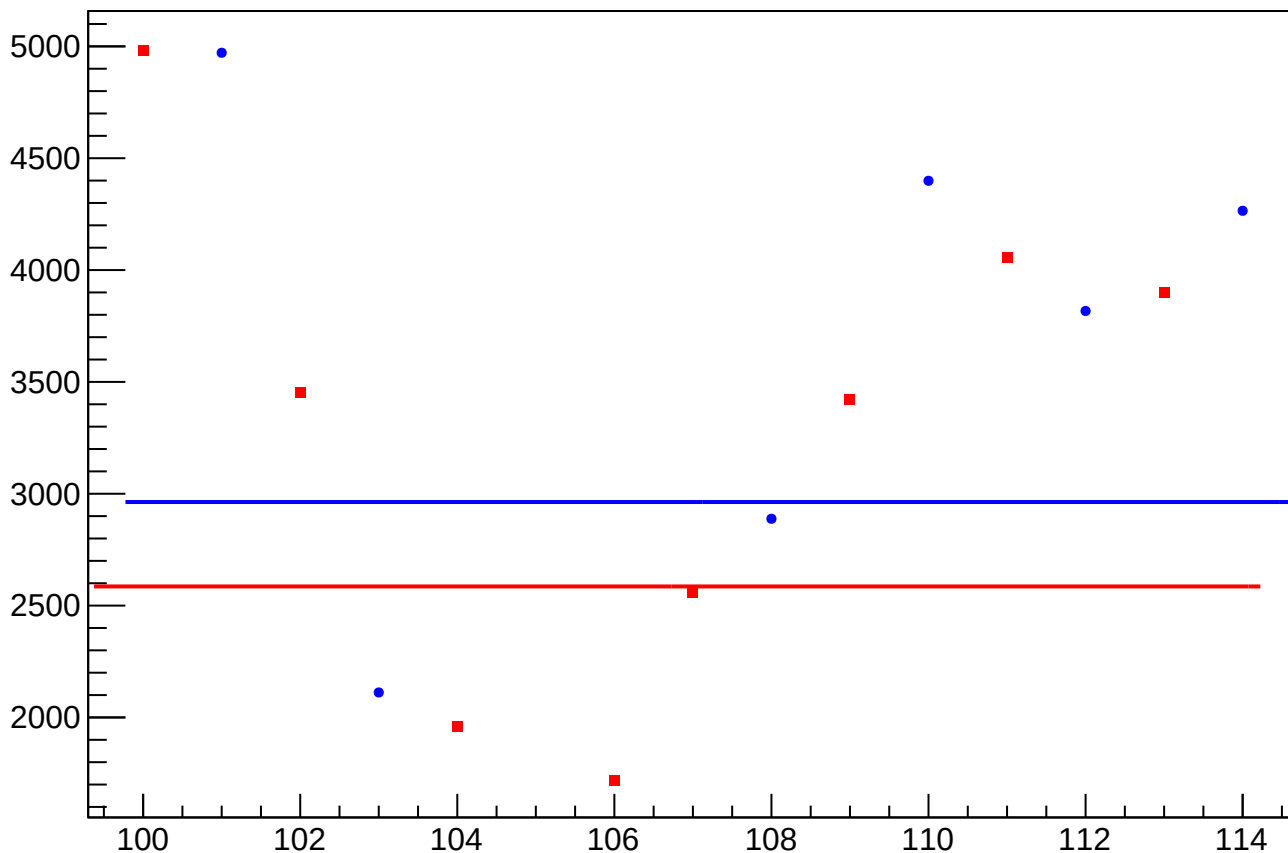
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1278.424+/-1237.620 χ^2 /NDF: 13.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 2963.048+/-1.363 χ^2/NDF : 562568.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2585.661+/-1.109 χ^2/NDF : 621766.7/7

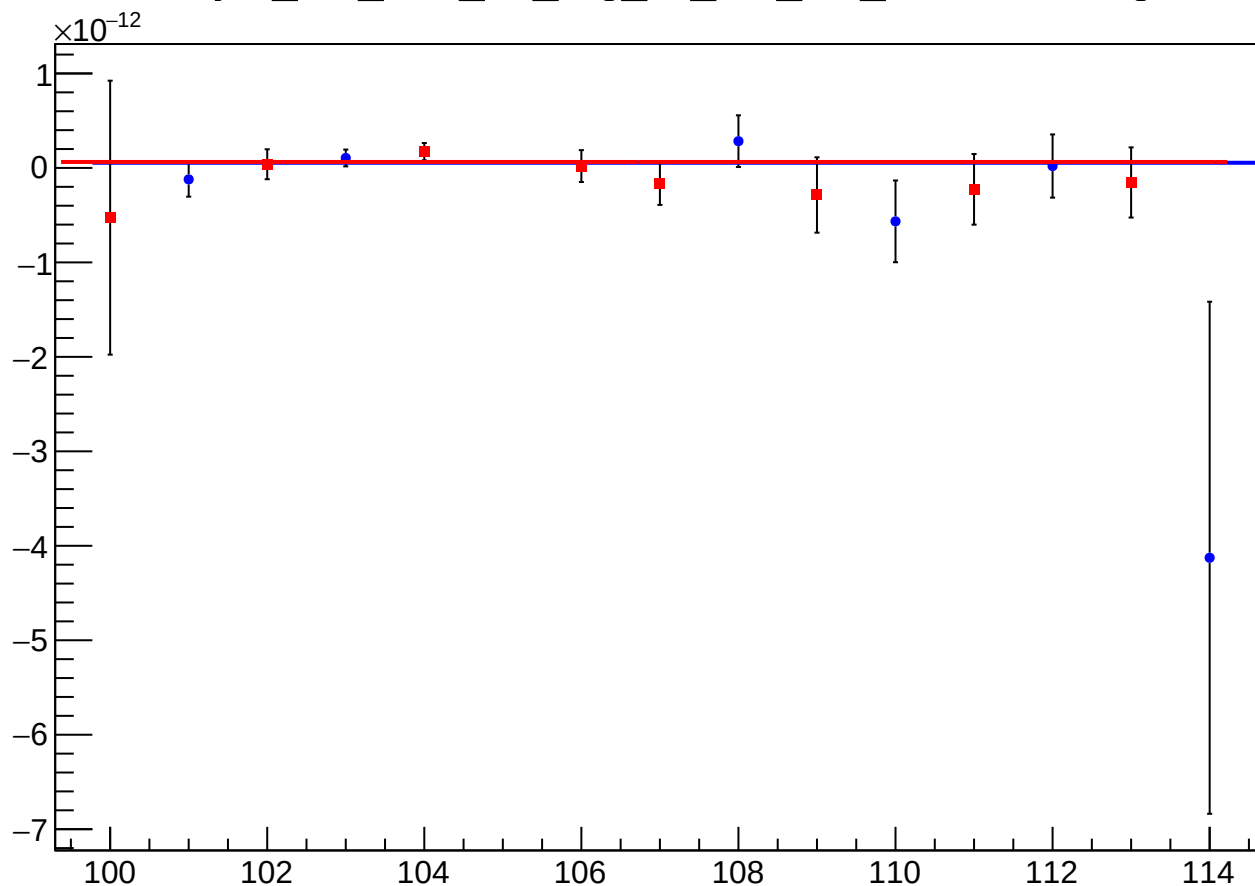
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2735.934+/-0.860 χ^2/NDF : 1230463.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 6.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.4/7

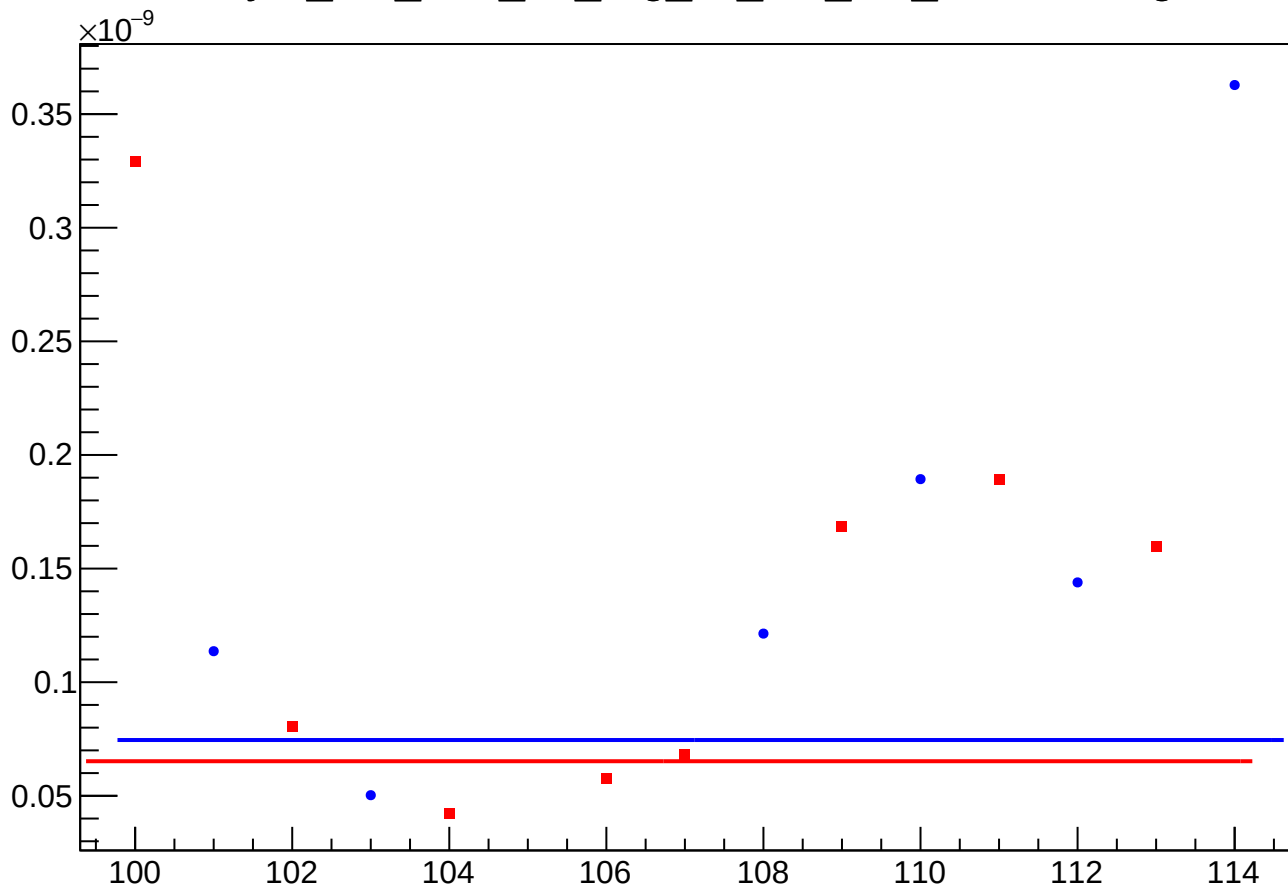
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 10.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 547918.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 699759.4/7

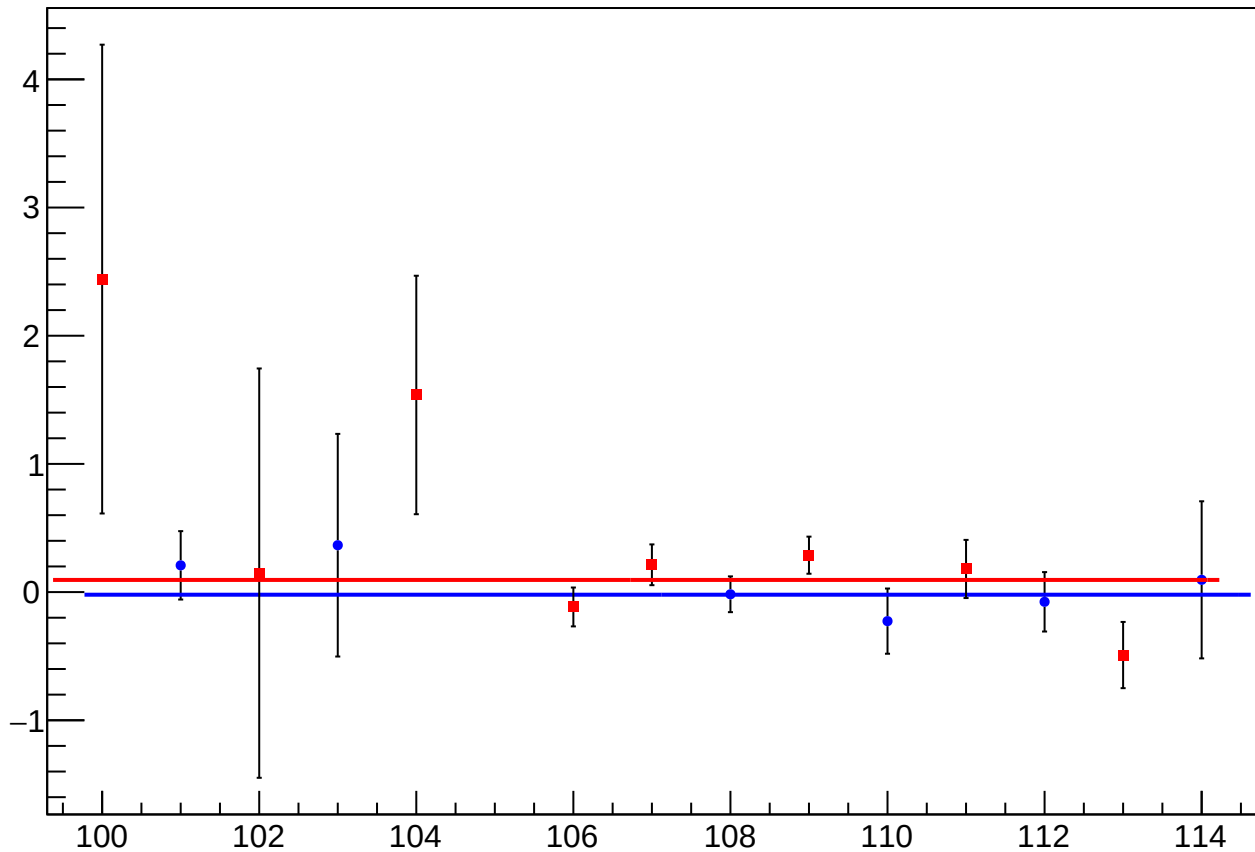
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1265635.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 ± 0.098 χ^2/NDF : 1.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.095 ± 0.077 χ^2/NDF : 13.6/7

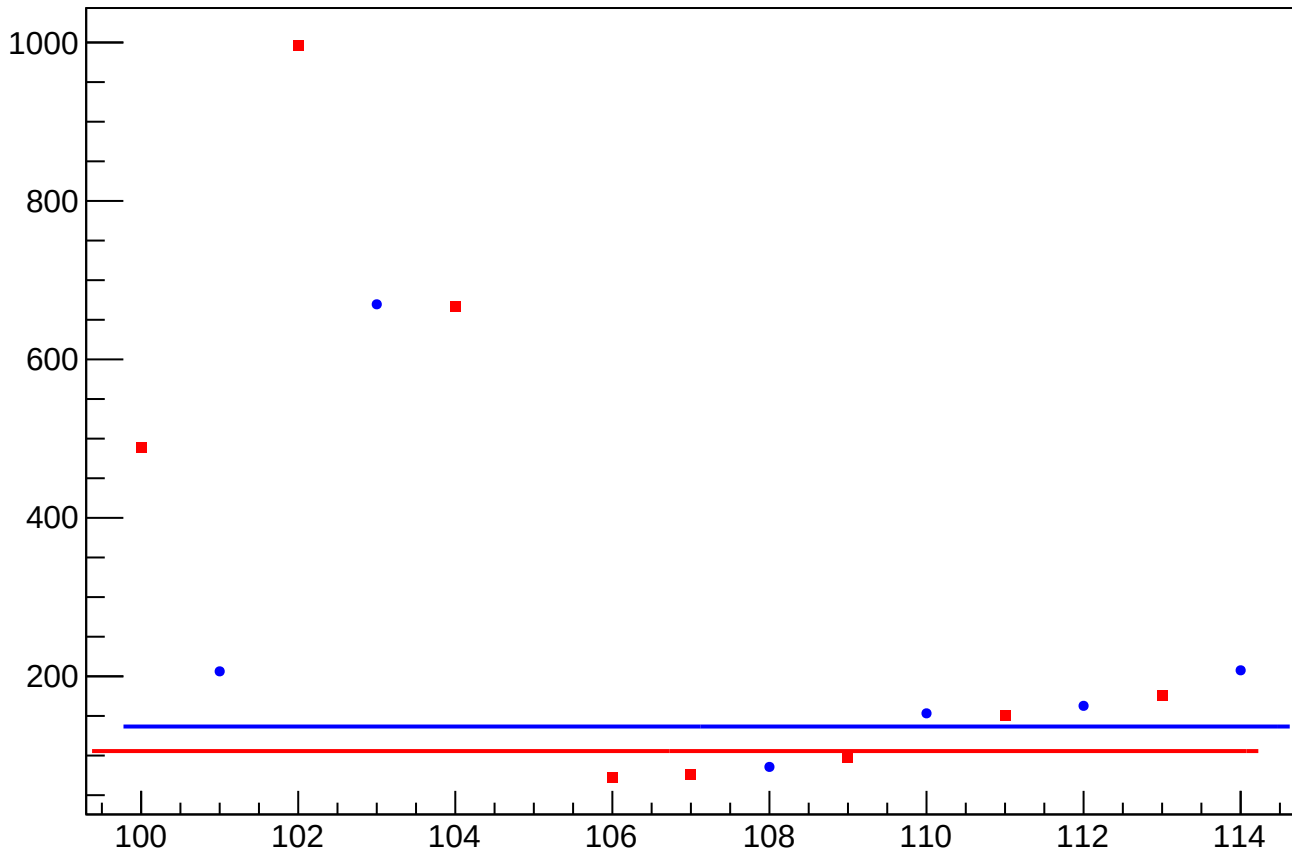
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.051 ± 0.061 χ^2/NDF : 16.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 136.643 $\pm$ 0.070 χ^2 /NDF: 1216839.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.663 $\pm$ 0.055 χ^2 /NDF: 1844384.5/7

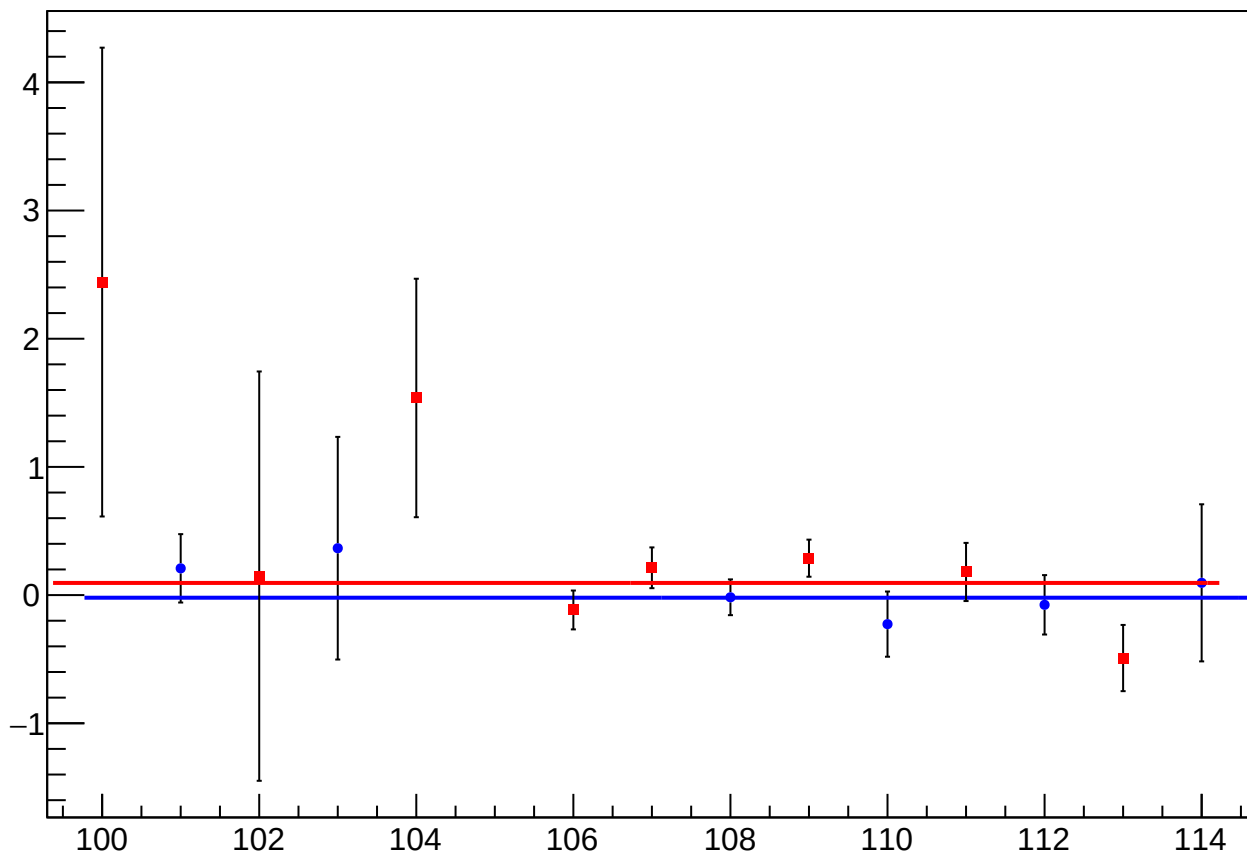
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.511 $\pm$ 0.043 χ^2 /NDF: 3183879.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.098 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.095 $\pm$ 0.077 χ^2 /NDF: 13.6/7

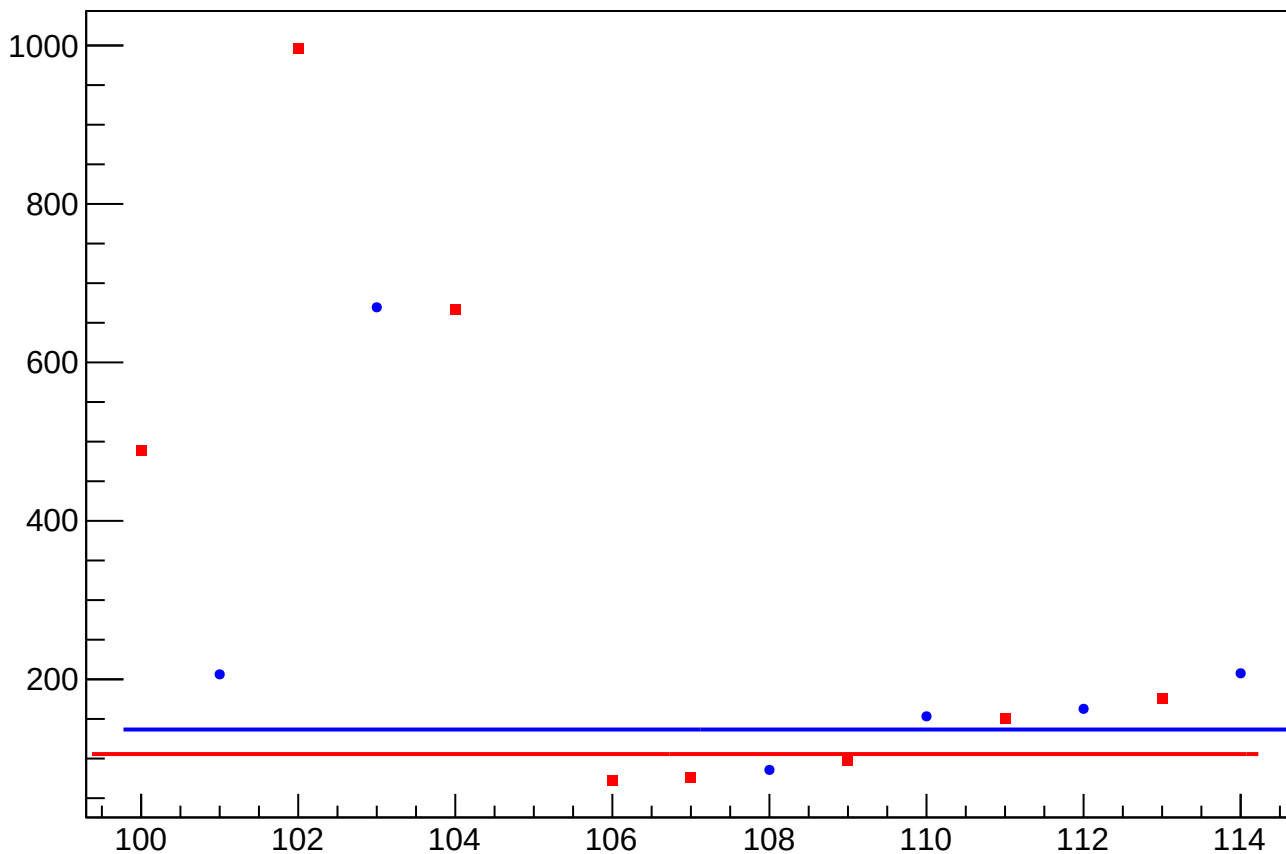
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.061 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 136.643 $\pm$ 0.070 χ^2 /NDF: 1216839.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.663 $\pm$ 0.055 χ^2 /NDF: 1844384.5/7

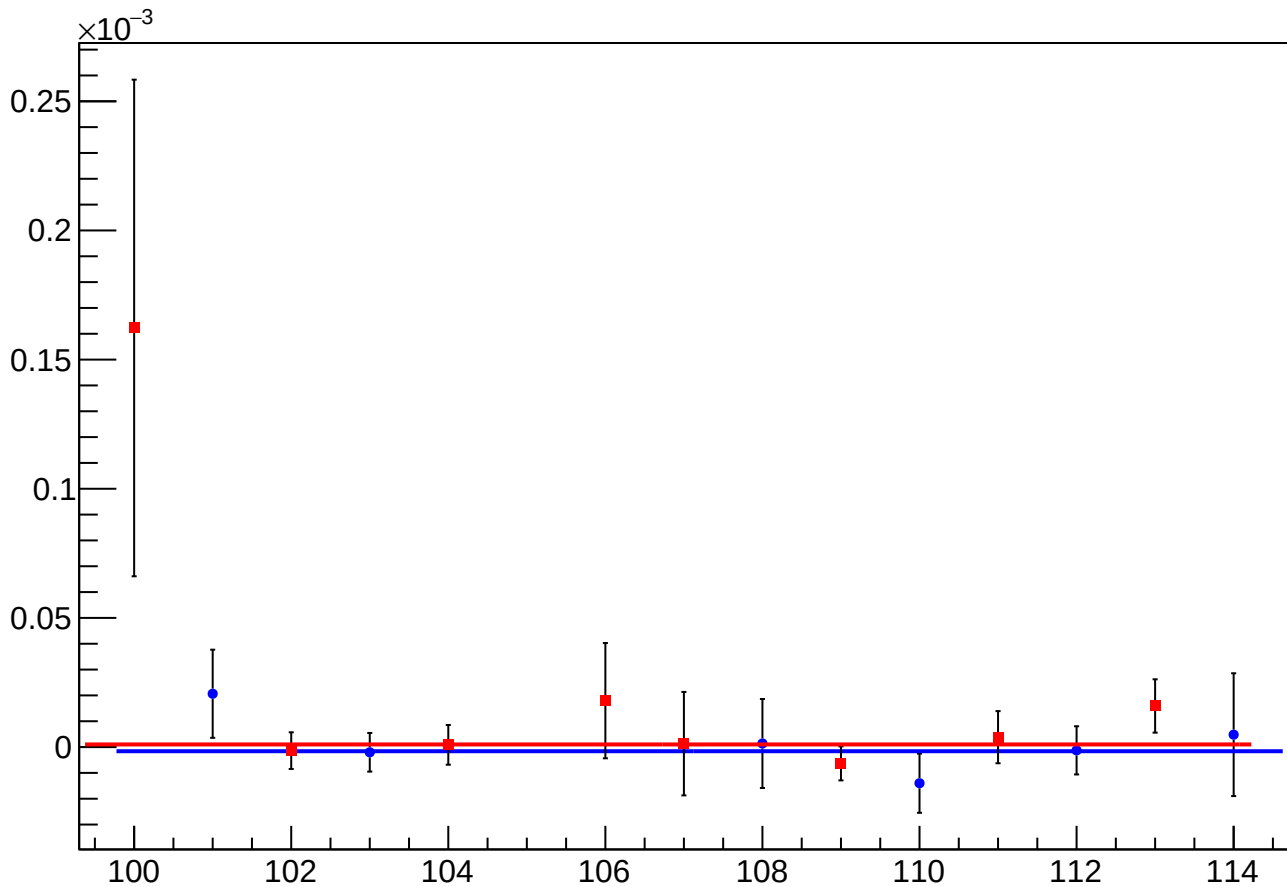
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.511 $\pm$ 0.043 χ^2 /NDF: 3183879.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/7

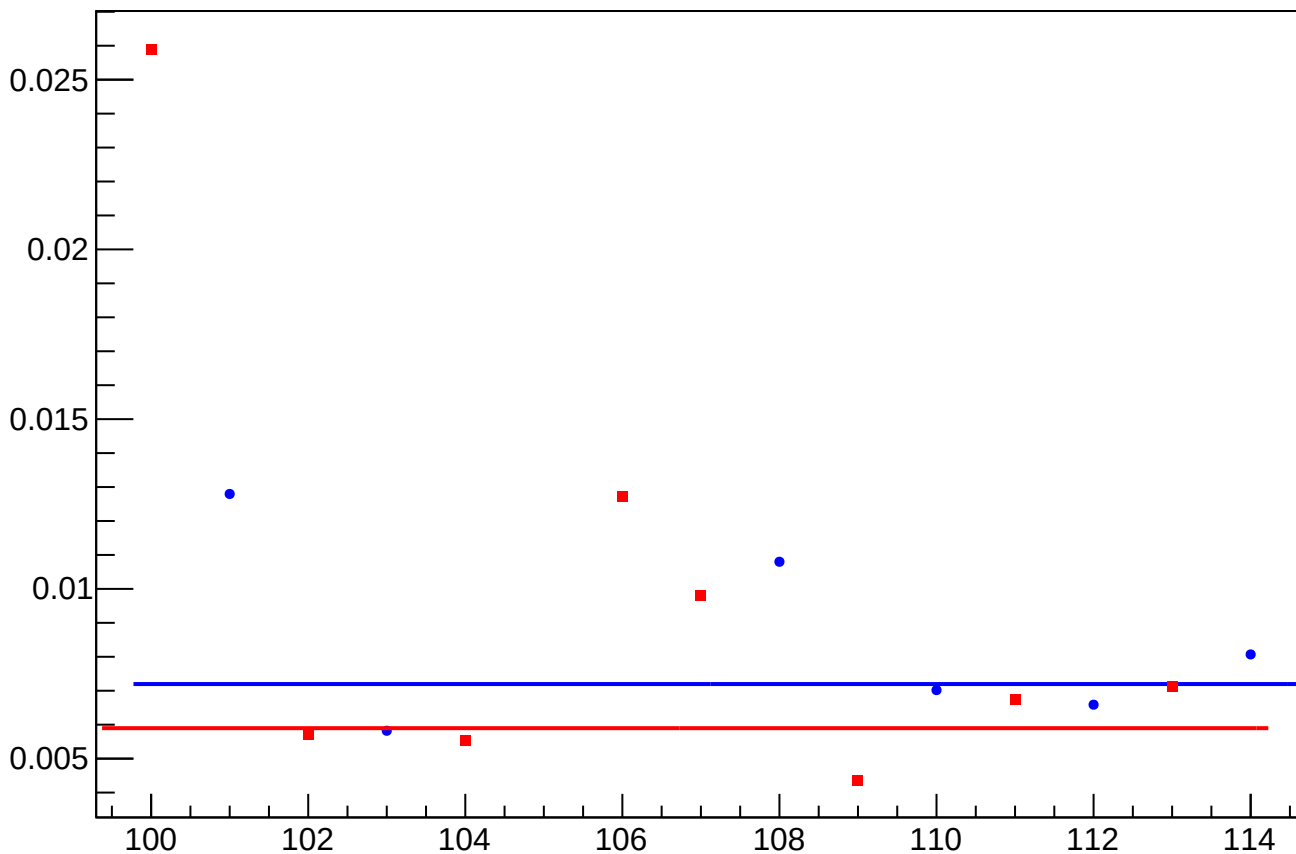
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 382260.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 507788.8/7

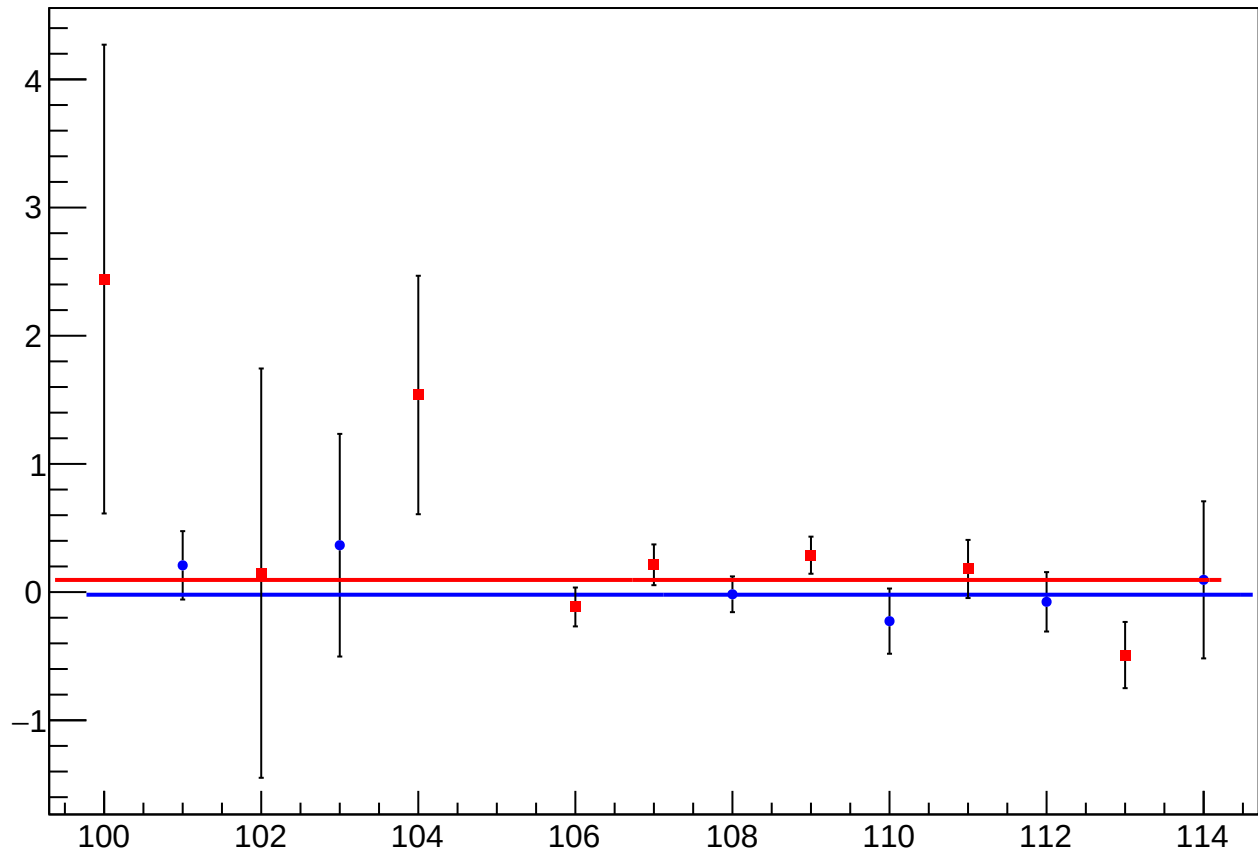
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 989650.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.098 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.095 $\pm$ 0.077 χ^2 /NDF: 13.6/7

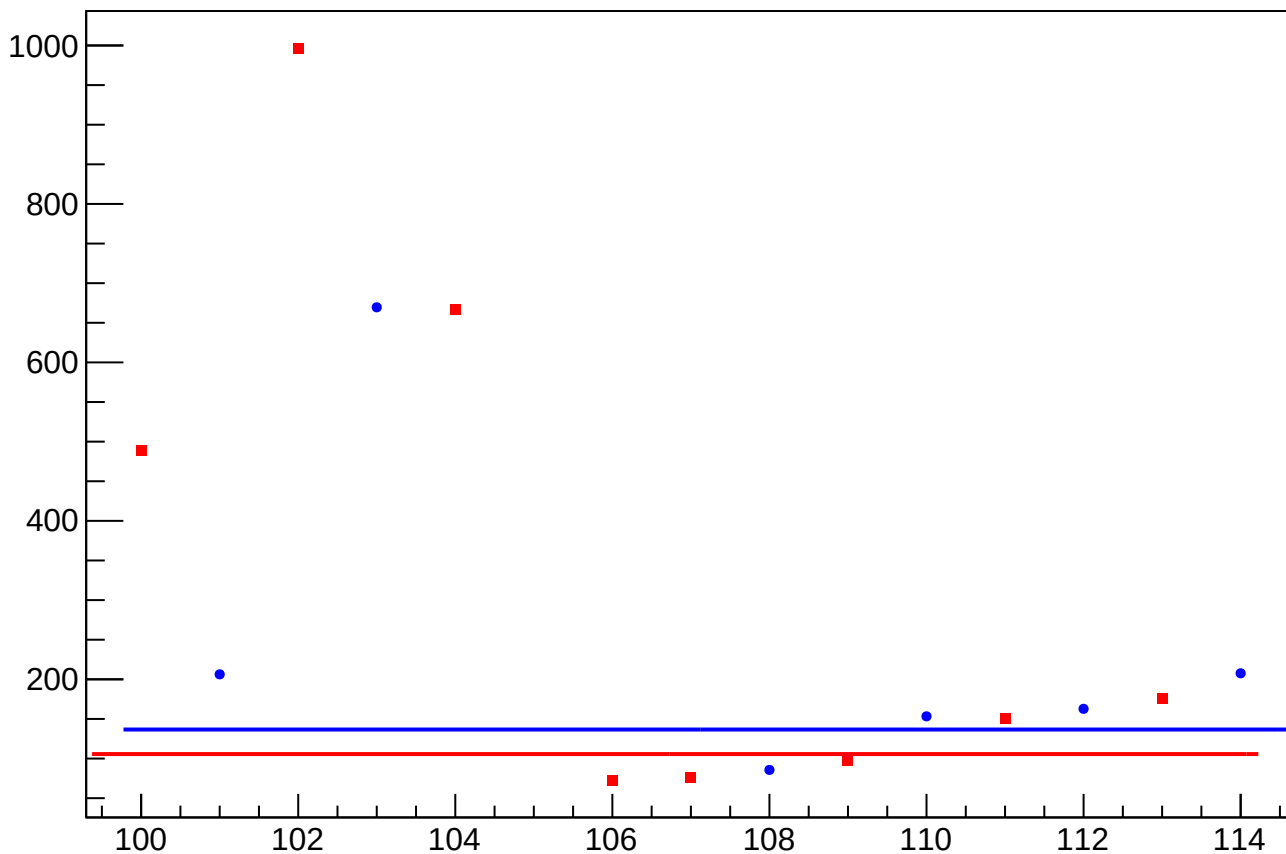
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.061 χ^2 /NDF: 16.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 136.639 $\pm$ 0.070 χ^2 /NDF: 1216910.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.663 $\pm$ 0.055 χ^2 /NDF: 1844381.3/7

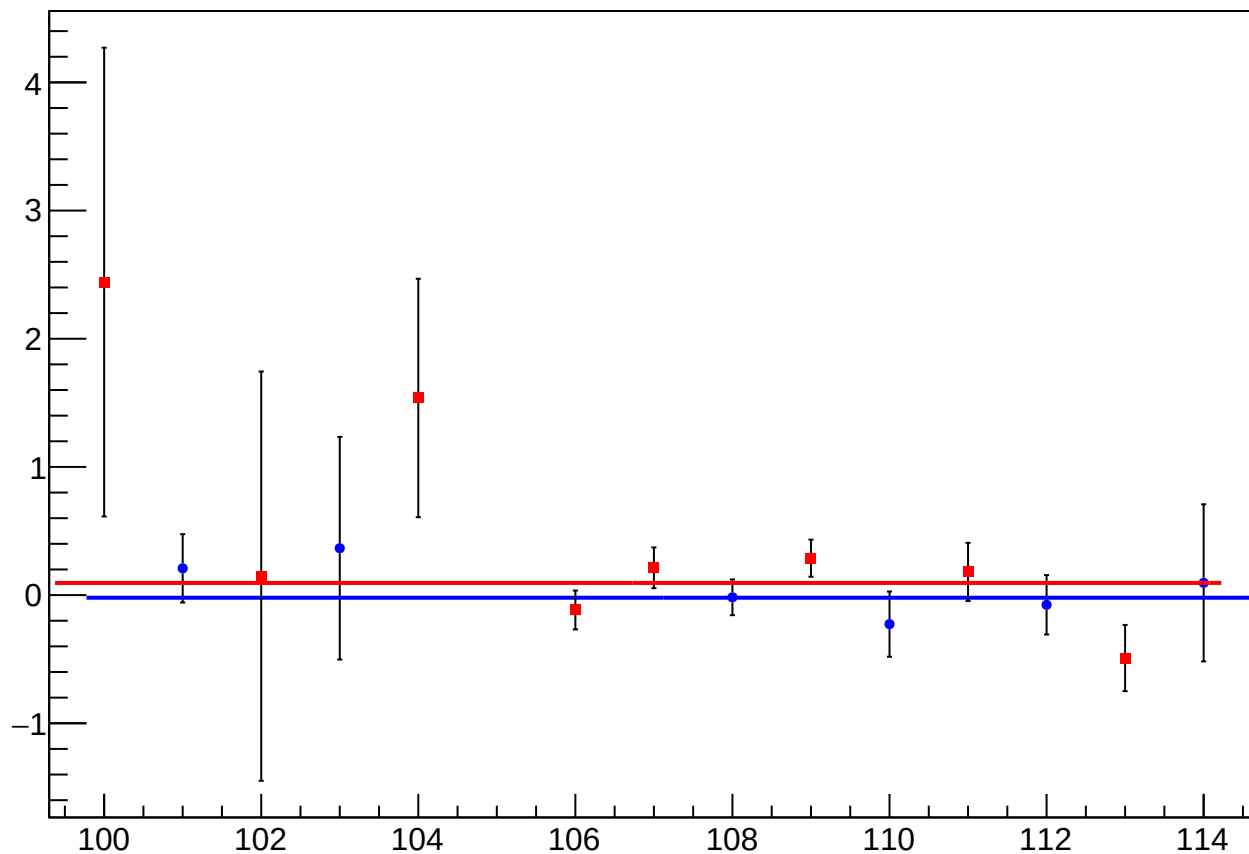
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.510 $\pm$ 0.043 χ^2 /NDF: 3183911.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.098 χ^2/NDF : 1.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.095 ± 0.077 χ^2/NDF : 13.6/7

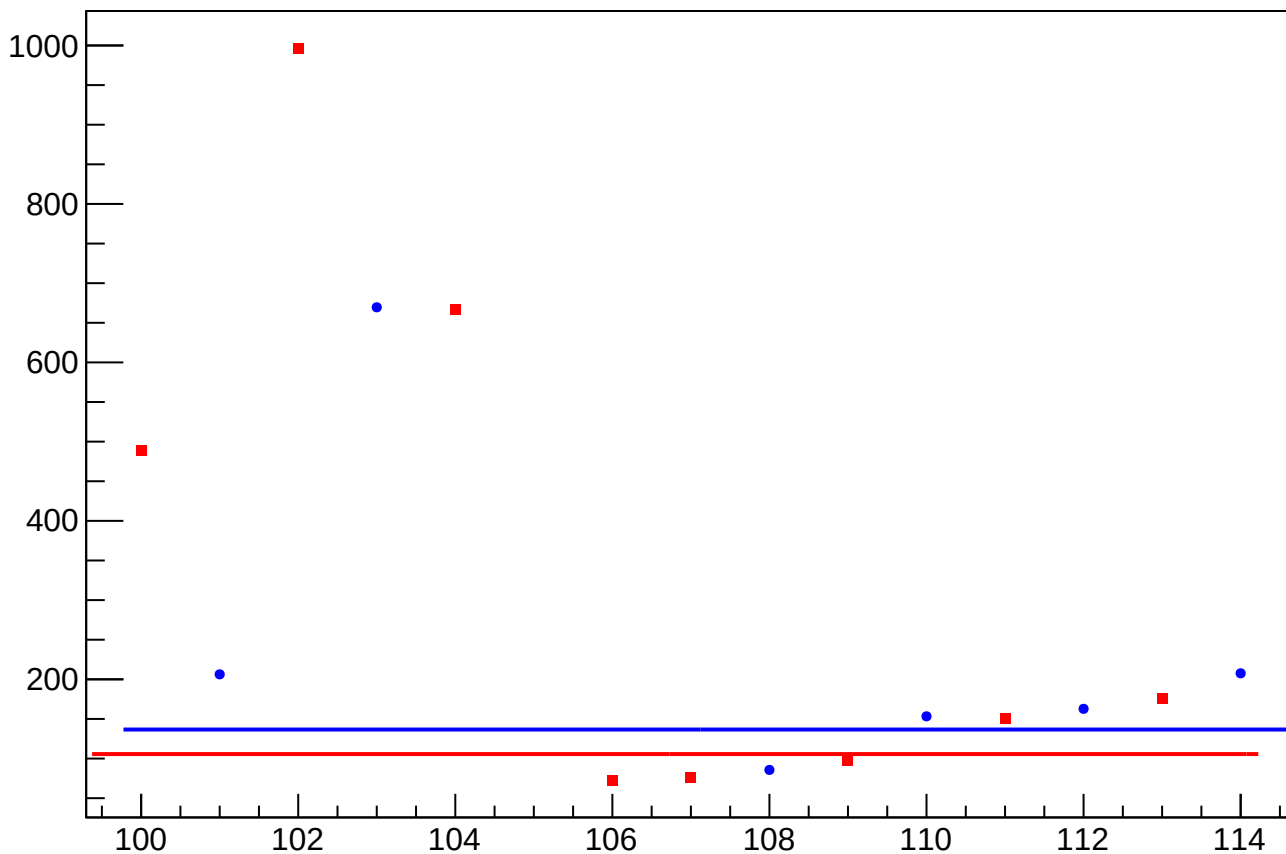
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.051 ± 0.061 χ^2/NDF : 16.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 136.639 $\pm$ 0.070 χ^2 /NDF: 1216910.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.663 $\pm$ 0.055 χ^2 /NDF: 1844381.3/7

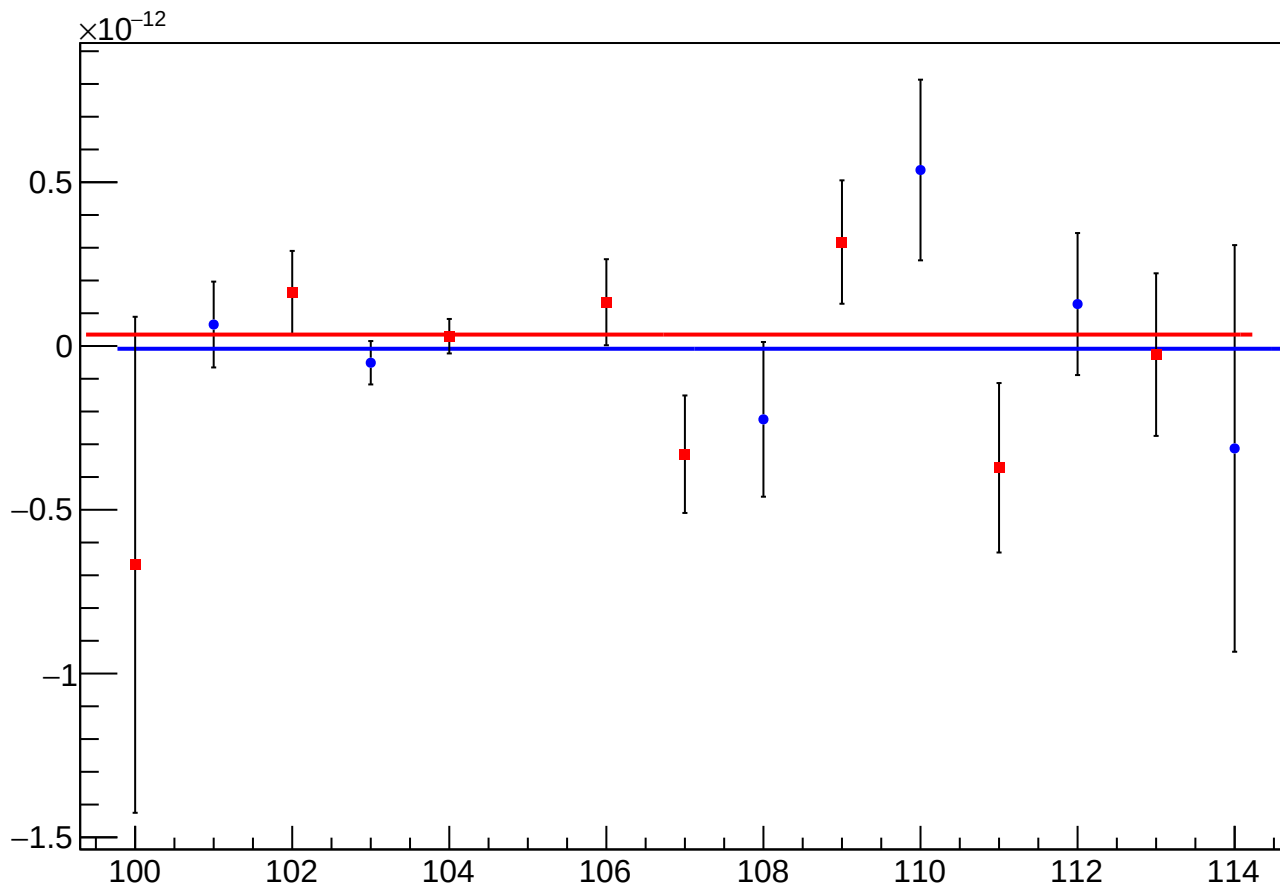
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.510 $\pm$ 0.043 χ^2 /NDF: 3183911.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/7

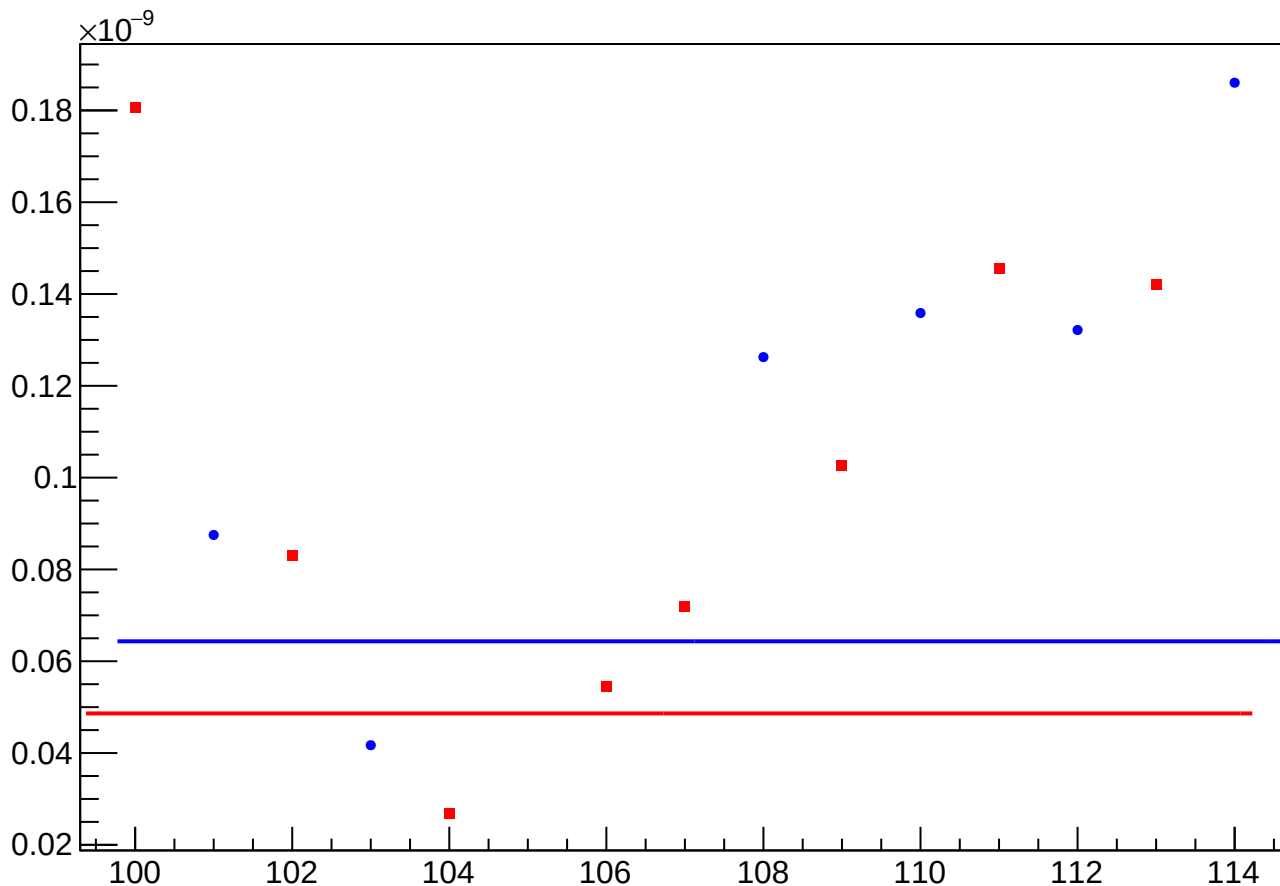
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 840595.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1315580.0/7

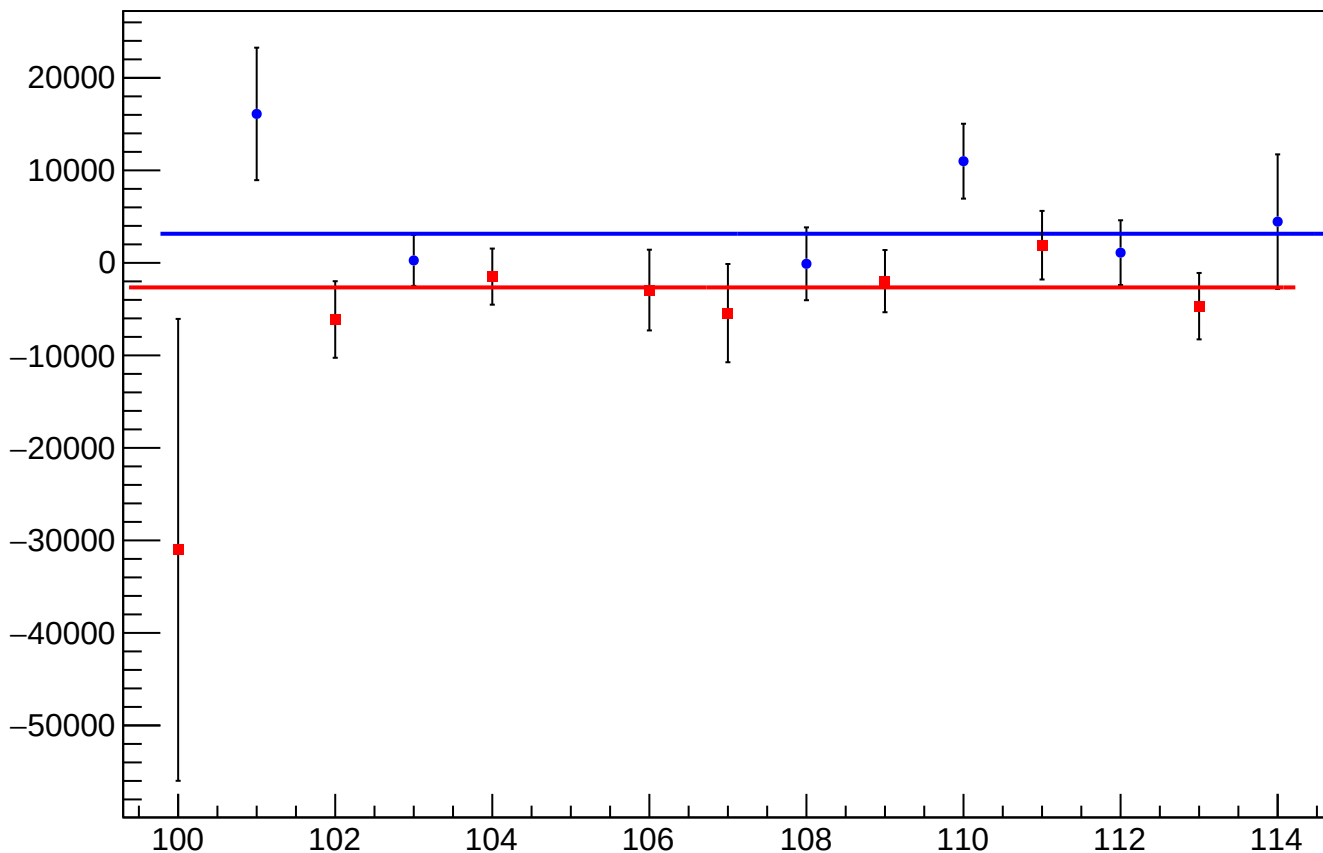
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2261651.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3148.645+/-1627.711 χ^2/NDF : 9.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2651.587+/-1420.424 χ^2/NDF : 4.3/7

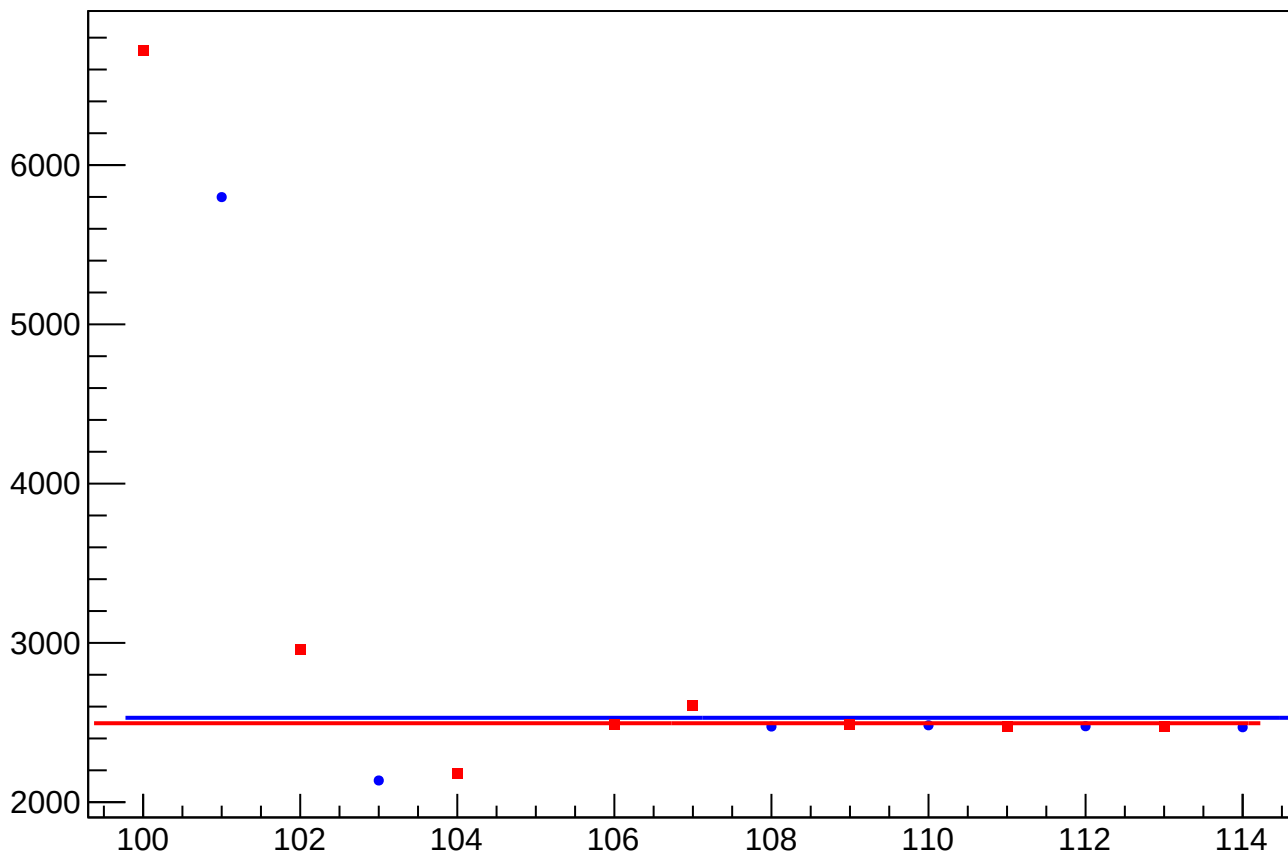
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.097+/-1070.223 χ^2/NDF : 20.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2529.766+/-1.151 χ^2/NDF : 458924.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2495.572+/-1.004 χ^2/NDF : 104817.4/7

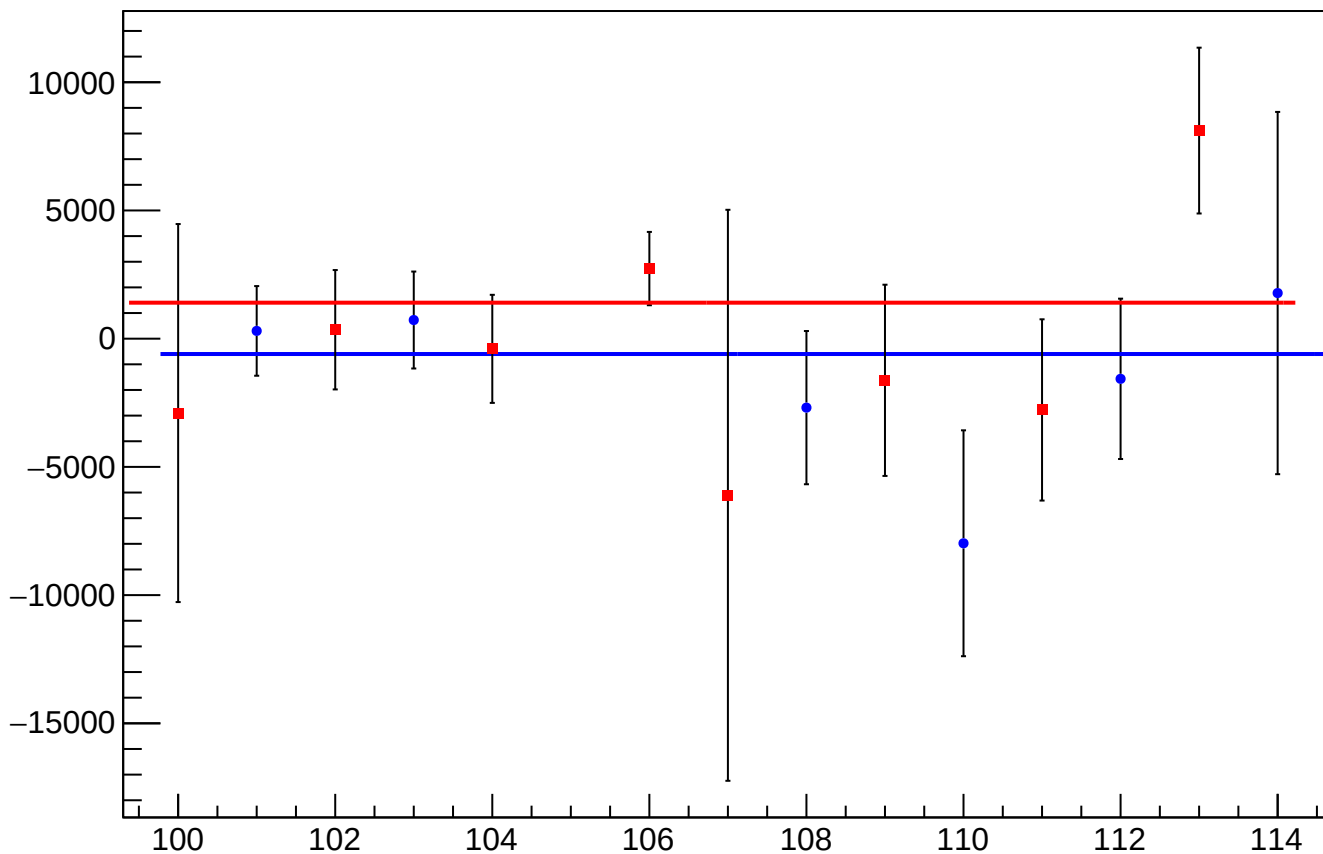
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2510.355+/-0.757 χ^2/NDF : 564243.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



Right In: -598.270+/-1058.144 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.785+/-923.198 χ^2/NDF : 9.0/7

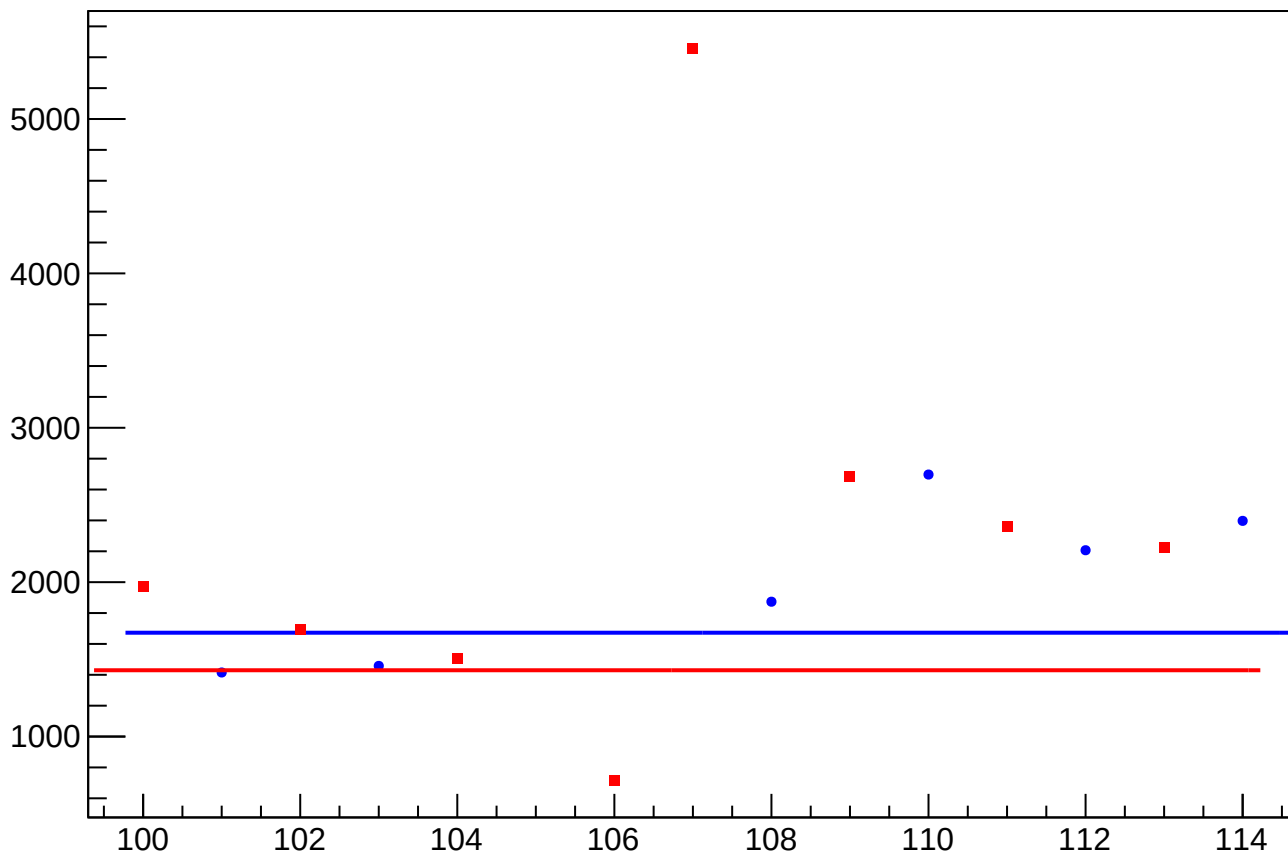
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.484+/-695.649 χ^2/NDF : 15.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



Right In: 1672.607 $\pm$ 0.748 χ^2 /NDF: 265988.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1429.447 $\pm$ 0.653 χ^2 /NDF: 1289067.4/7

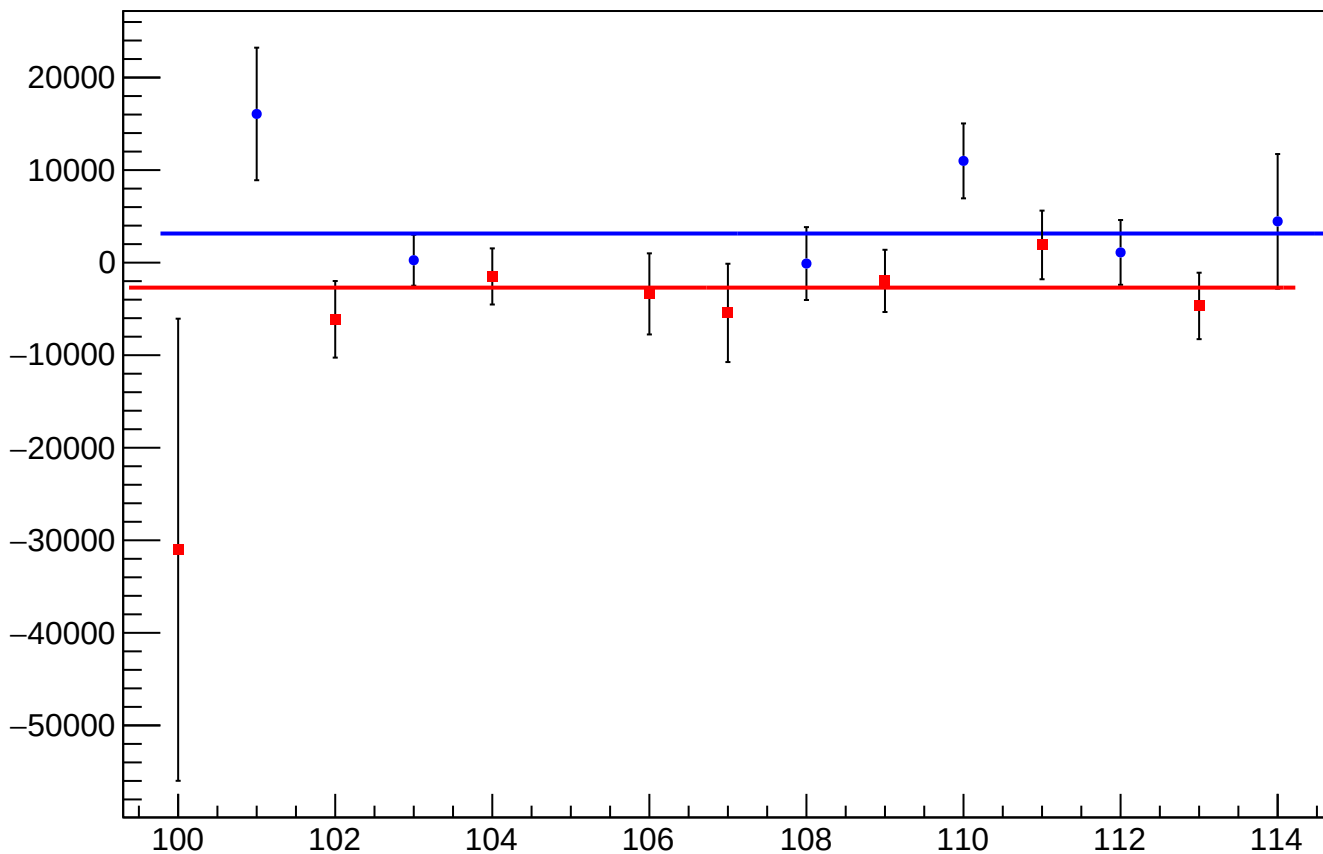
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1534.542 $\pm$ 0.492 χ^2 /NDF: 1615023.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3146.893 $\pm$ 1627.712 χ^2 /NDF: 9.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2698.898 $\pm$ 1421.076 χ^2 /NDF: 4.3/7

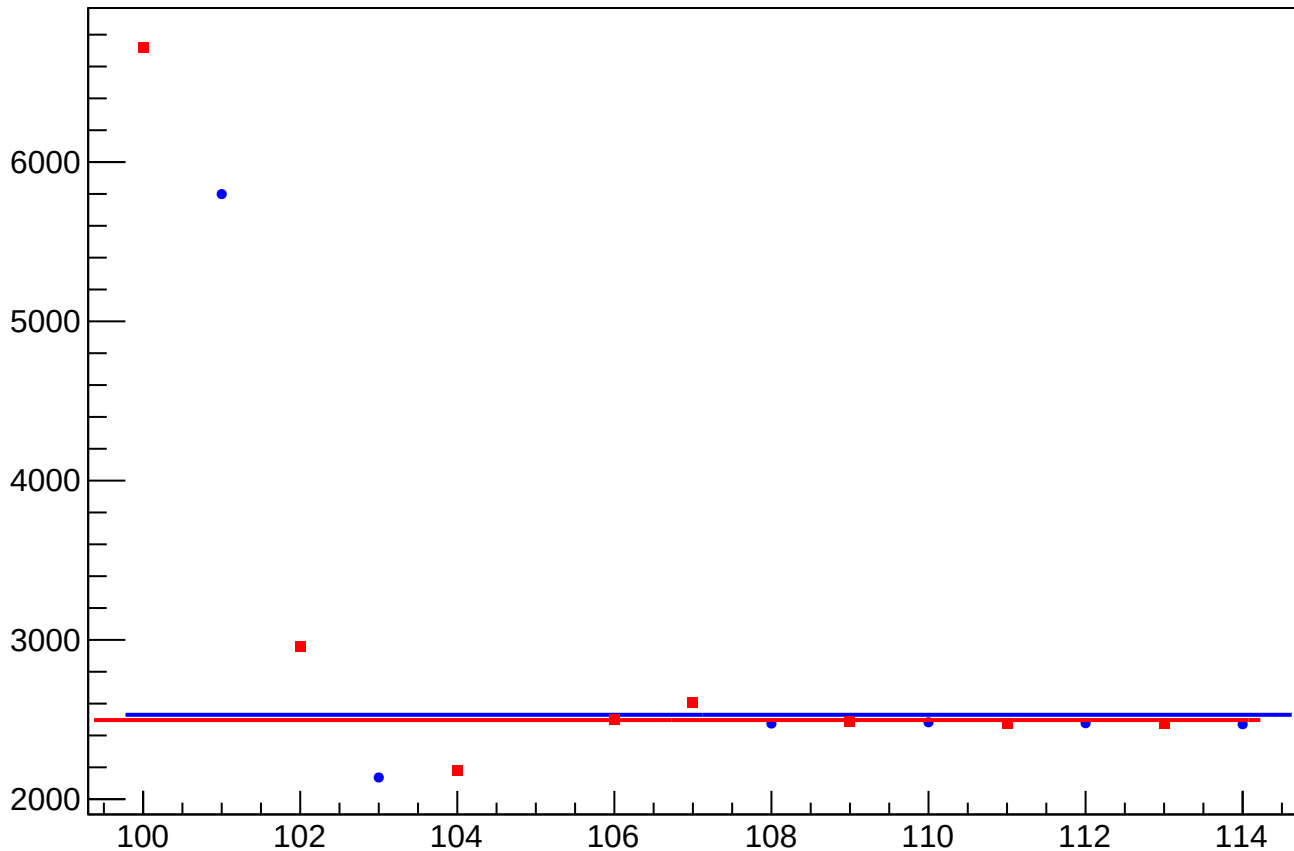
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -170.398 $\pm$ 1070.502 χ^2 /NDF: 20.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2529.766+/-1.151 χ^2/NDF : 458925.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2496.706+/-1.005 χ^2/NDF : 104815.9/7

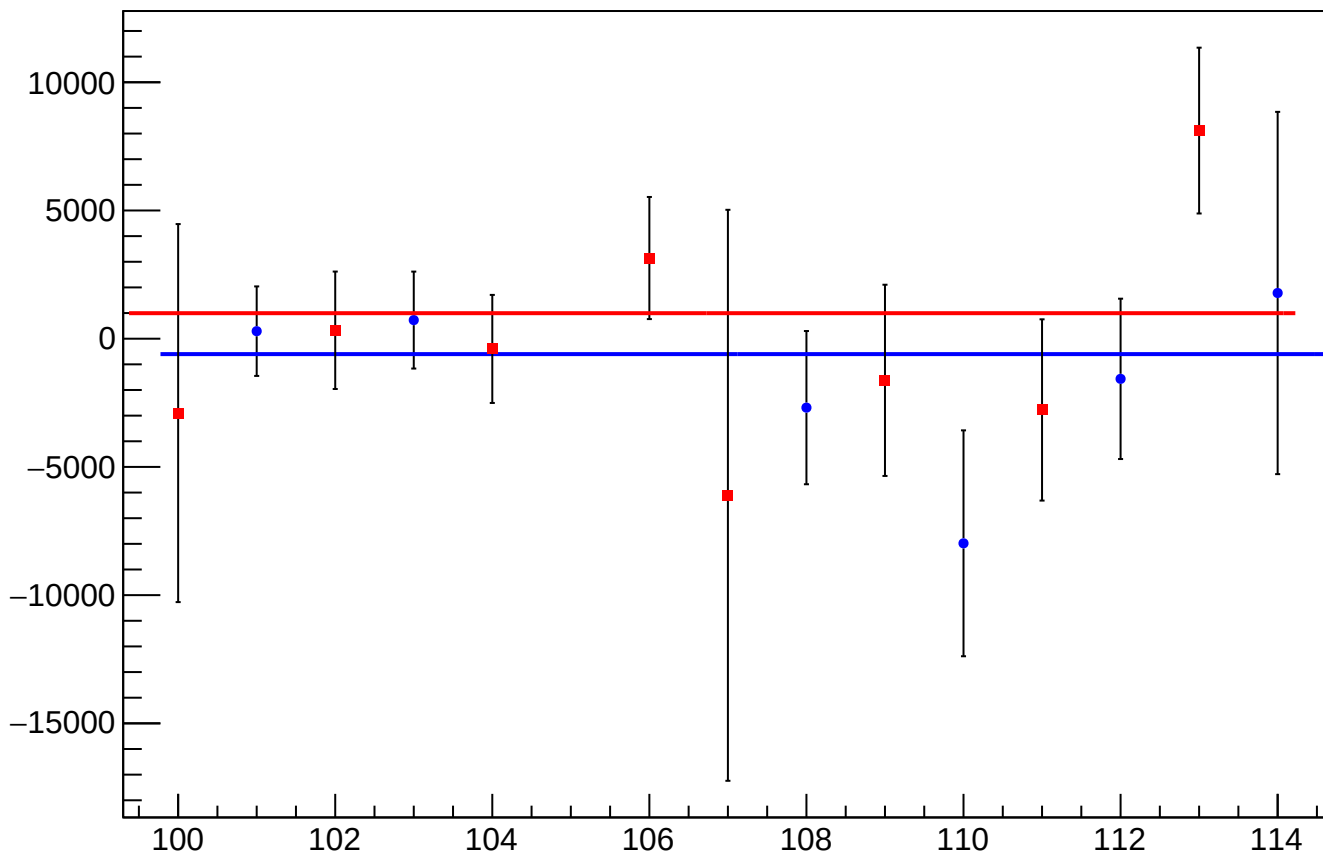
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.006+/-0.757 χ^2/NDF : 564209.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug



Right In: -600.902+/-1057.603 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.131+/-1074.248 χ^2/NDF : 8.5/7

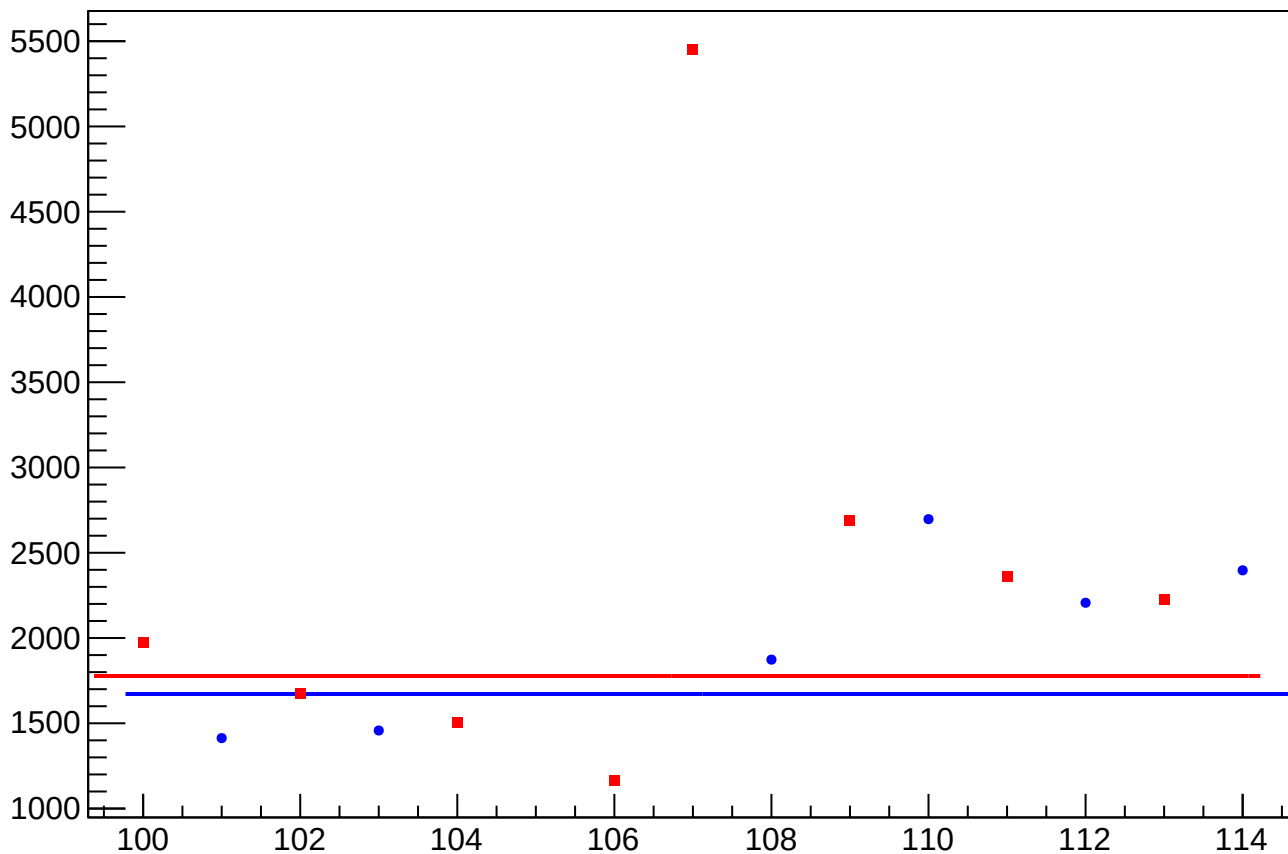
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.655+/-753.654 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1671.650+/-0.748 χ^2/NDF : 266755.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1777.302+/-0.760 χ^2/NDF : 601216.2/7

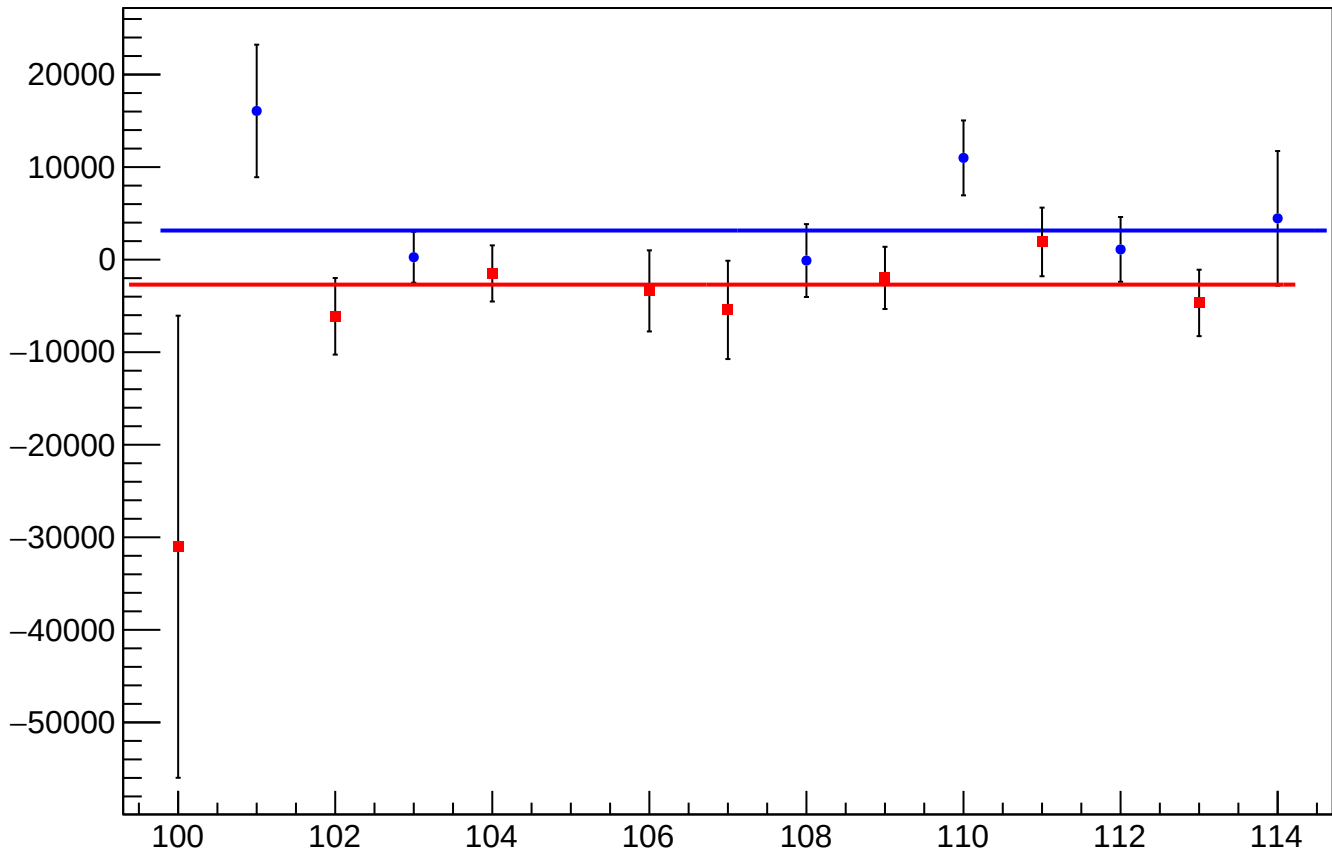
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.651+/-0.533 χ^2/NDF : 877795.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3146.893+/-1627.712 χ^2/NDF : 9.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2698.898+/-1421.076 χ^2/NDF : 4.3/7

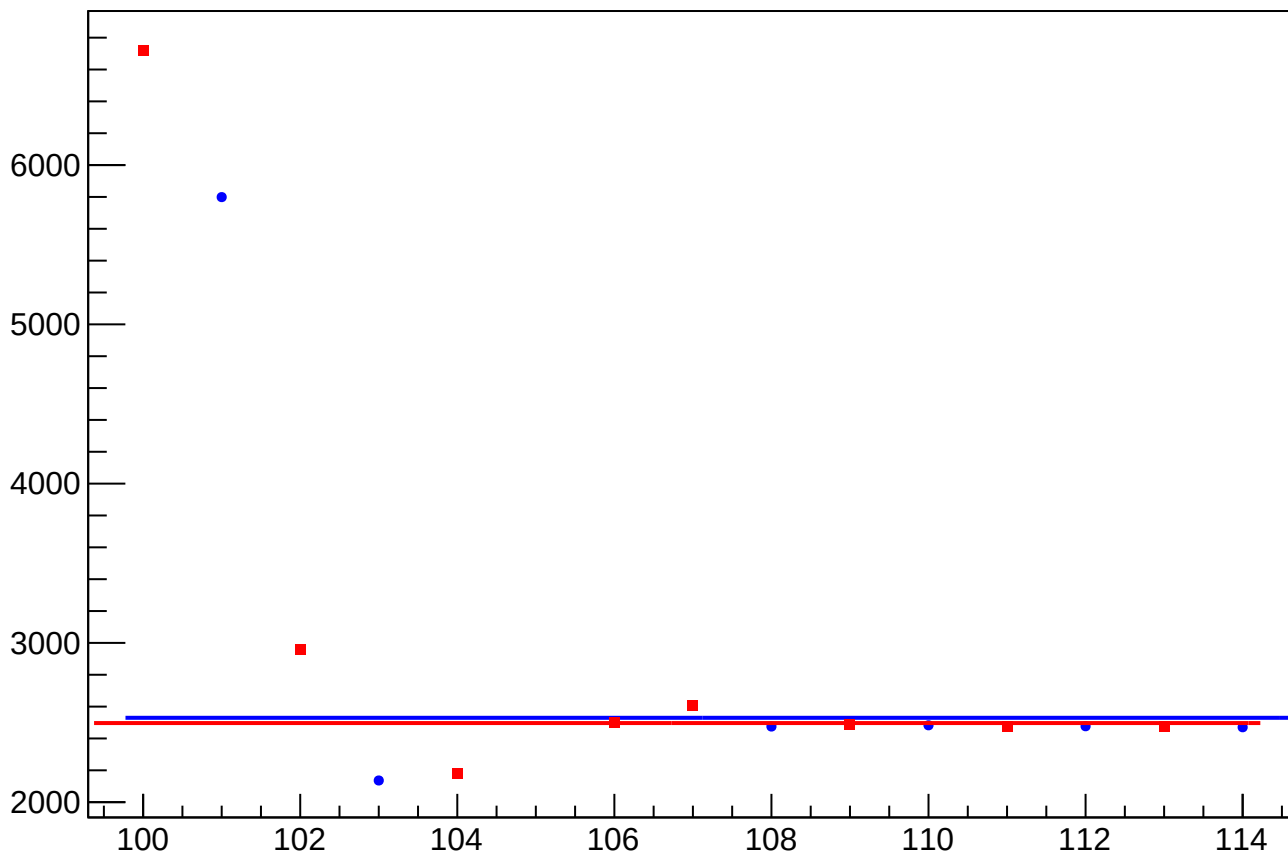
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.398+/-1070.502 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2529.766 $\pm$ 1.151 χ^2 /NDF: 458925.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2496.706 $\pm$ 1.005 χ^2 /NDF: 104815.9/7

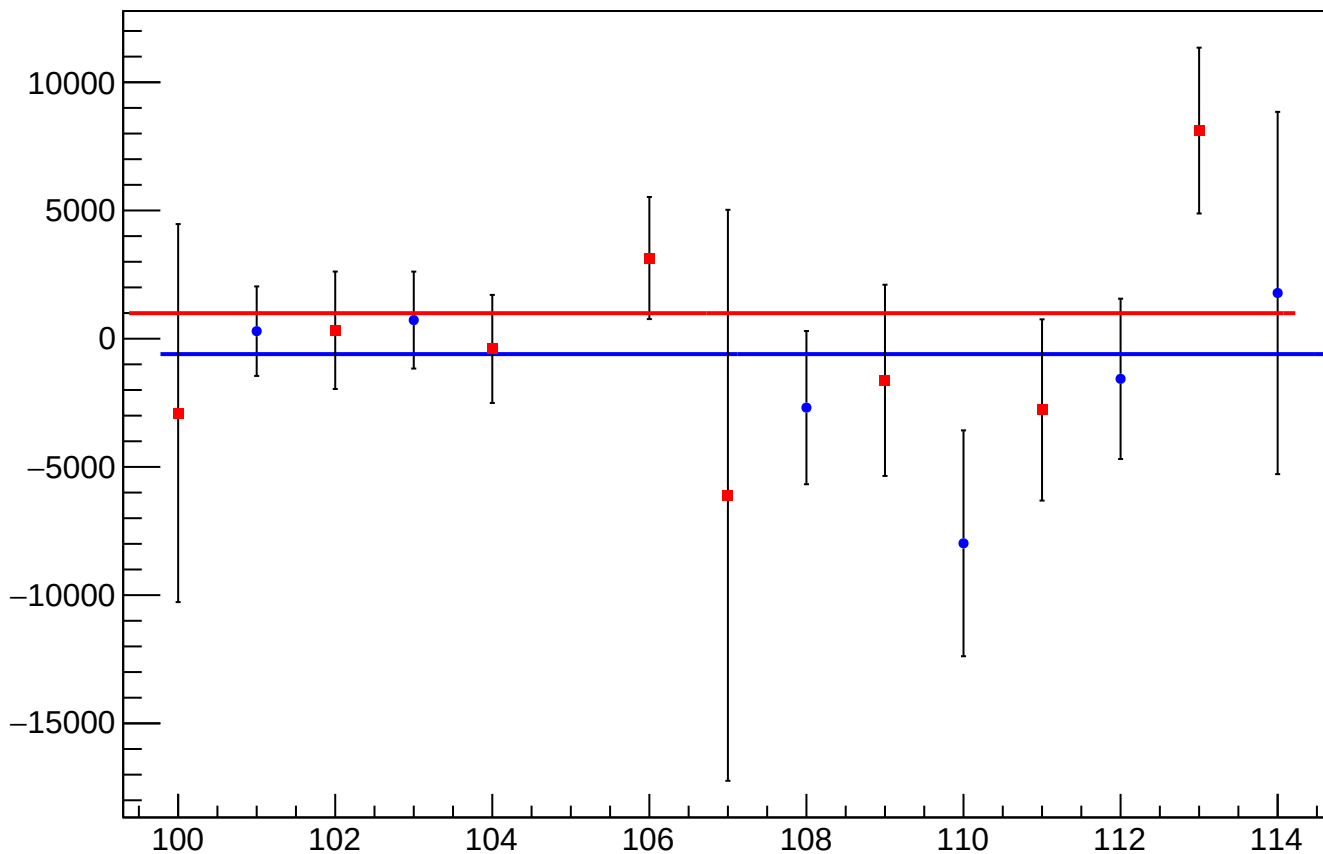
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2511.006 $\pm$ 0.757 χ^2 /NDF: 564209.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -600.902+/-1057.603 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.131+/-1074.248 χ^2/NDF : 8.5/7

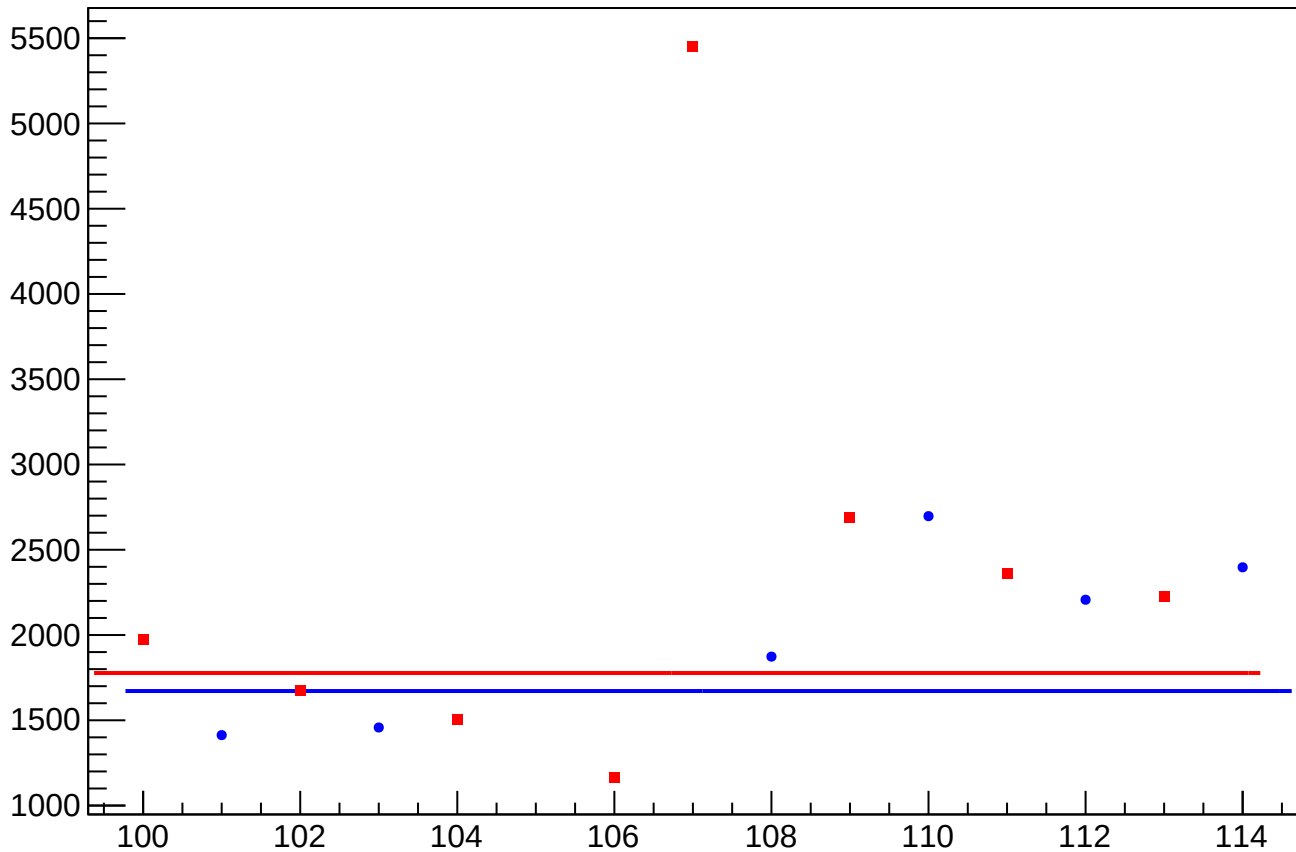
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.655+/-753.654 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 1671.650+/-0.748 χ^2/NDF : 266755.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1777.302+/-0.760 χ^2/NDF : 601216.2/7

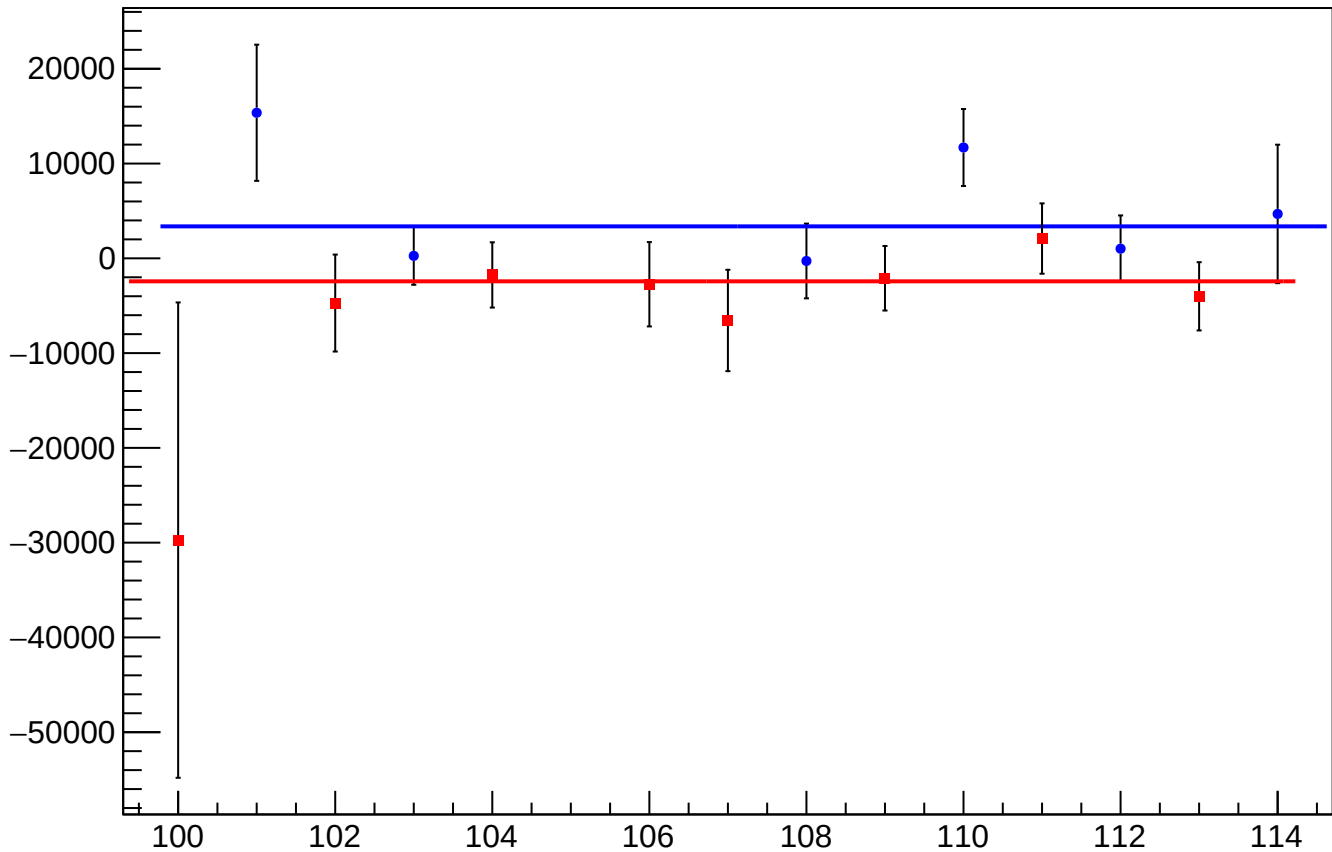
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.651+/-0.533 χ^2/NDF : 877795.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3371.876 $\pm$ 1686.193 χ^2 /NDF: 9.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2426.460 $\pm$ 1498.088 χ^2 /NDF: 3.7/7

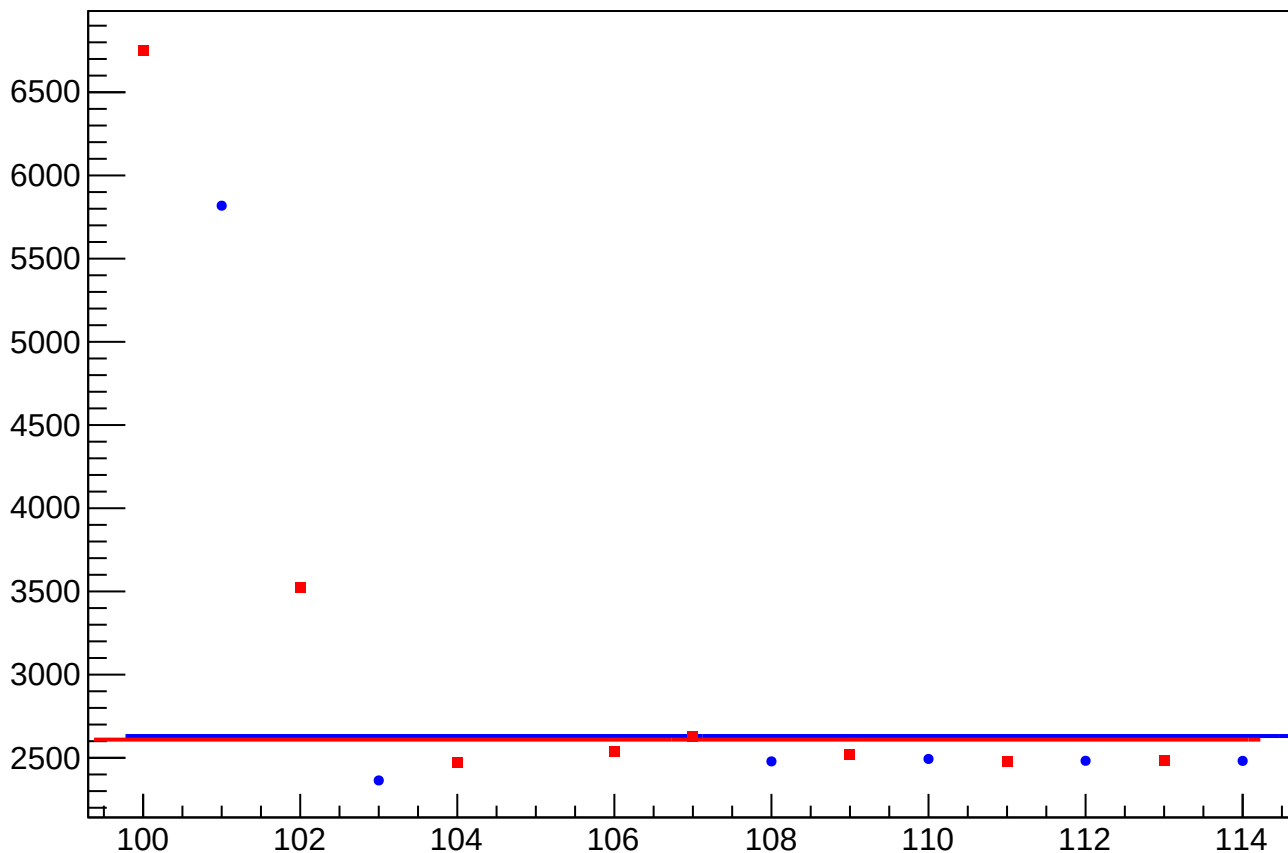
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.372 $\pm$ 1119.932 χ^2 /NDF: 19.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2631.065 $\pm$ 1.192 χ^2 /NDF: 418553.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

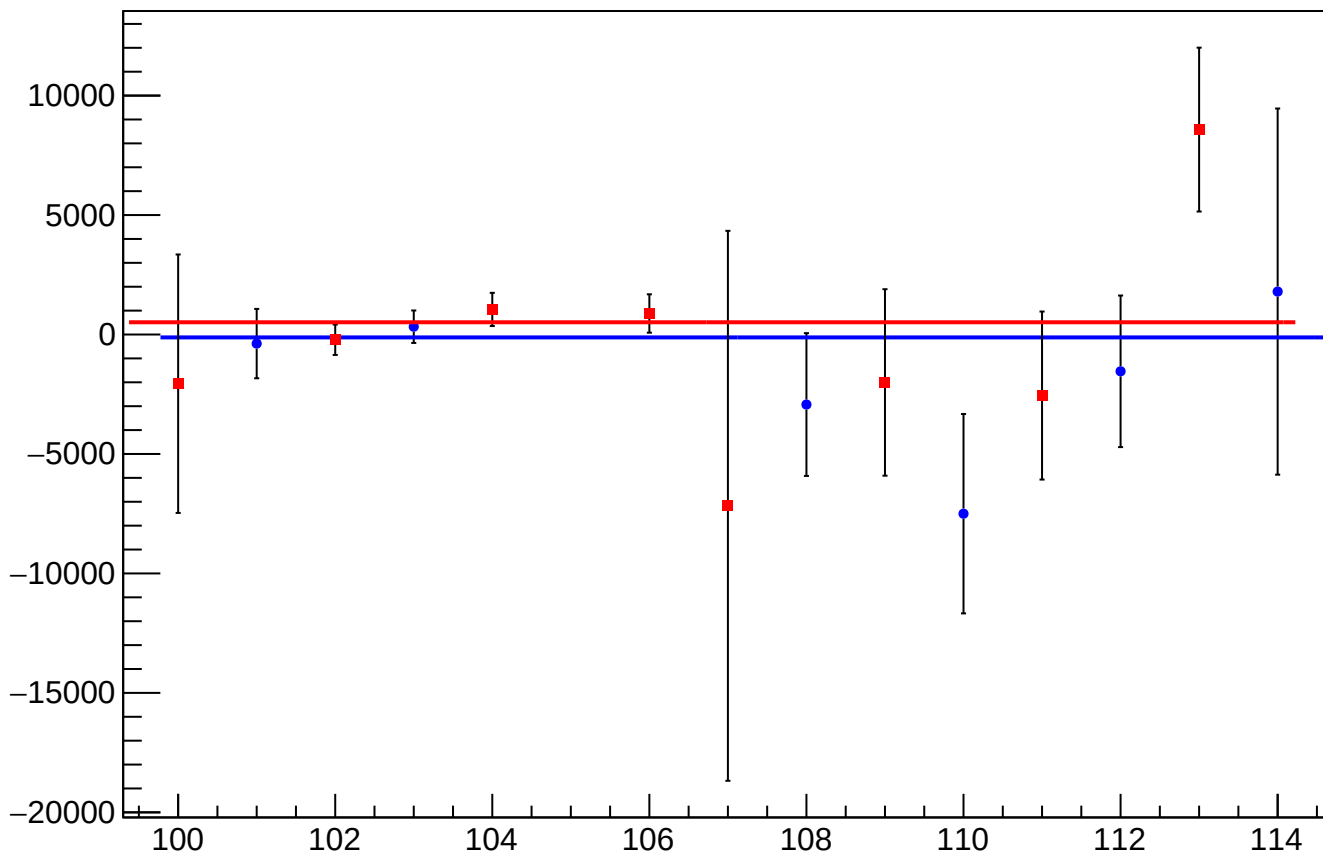
Right Out: 2609.468 $\pm$ 1.059 χ^2 /NDF: 127990.3/7

All: 2618.995 $\pm$ 0.792 χ^2 /NDF: 546727.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



Right In: -120.947 $\pm$ 584.538 χ^2 /NDF: 4.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 512.734 $\pm$ 396.364 χ^2 /NDF: 9.5/7

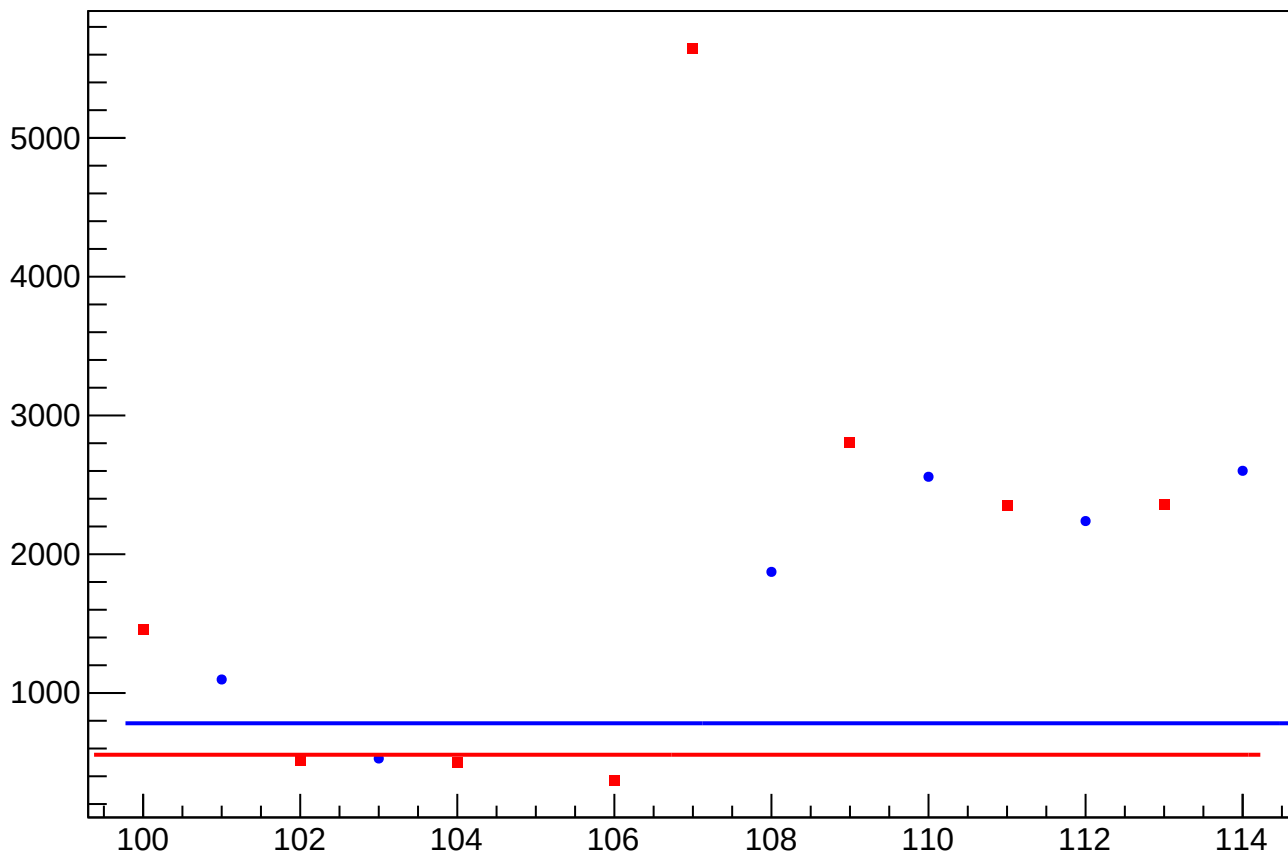
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 313.143 $\pm$ 328.056 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 781.890+/-0.413 χ^2/NDF : 1537437.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

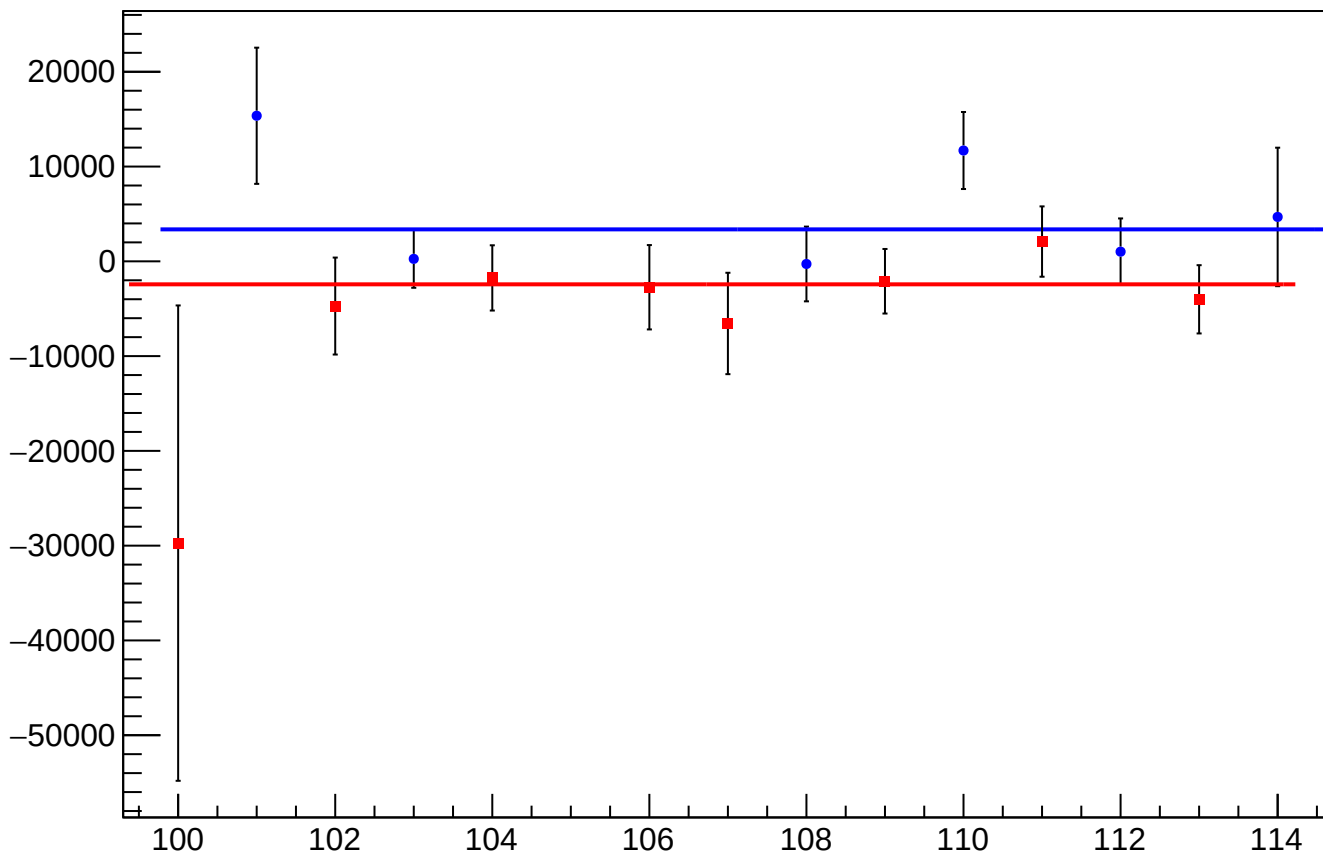
Right Out: 555.144+/-0.280 χ^2/NDF : 2316440.0/7

All: 626.563+/-0.232 χ^2/NDF : 4060031.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3371.872 $\pm$ 1686.192 χ^2 /NDF: 9.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2426.455 $\pm$ 1498.087 χ^2 /NDF: 3.7/7

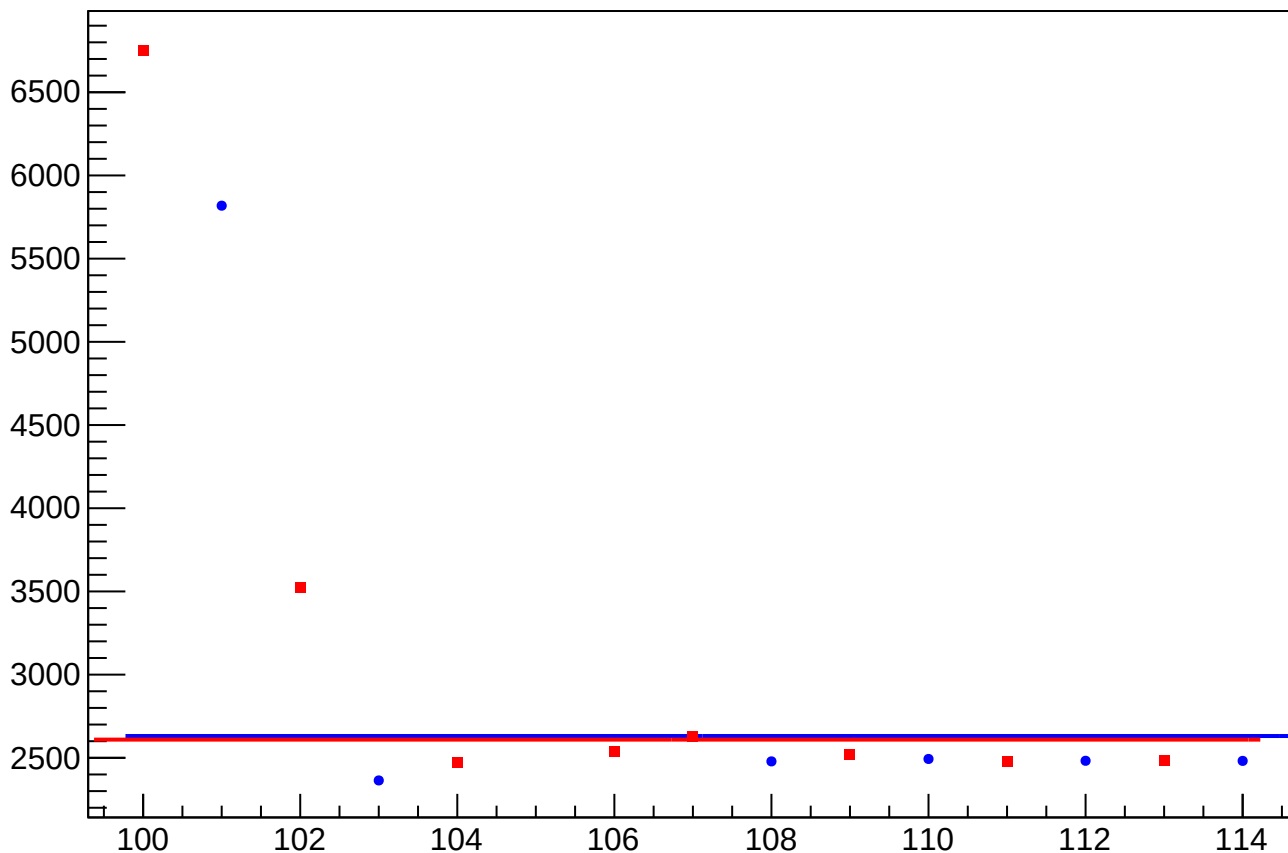
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.374 $\pm$ 1119.932 χ^2 /NDF: 19.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2631.063+/-1.192 χ^2/NDF : 418554.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2609.466+/-1.059 χ^2/NDF : 127989.8/7

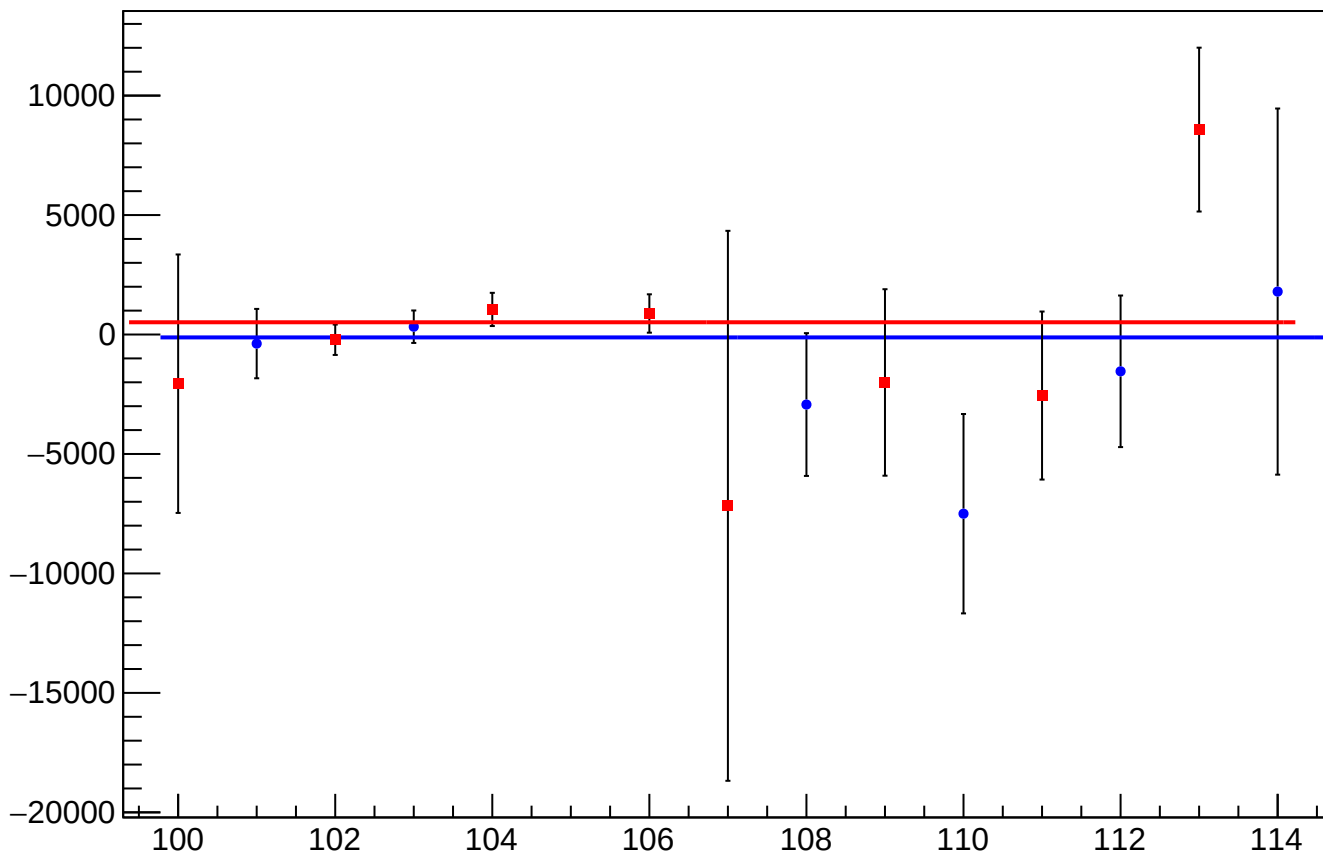
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2618.993+/-0.792 χ^2/NDF : 546727.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -120.960+/-584.543 χ^2 /NDF: 4.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 512.742+/-396.370 χ^2 /NDF: 9.5/7

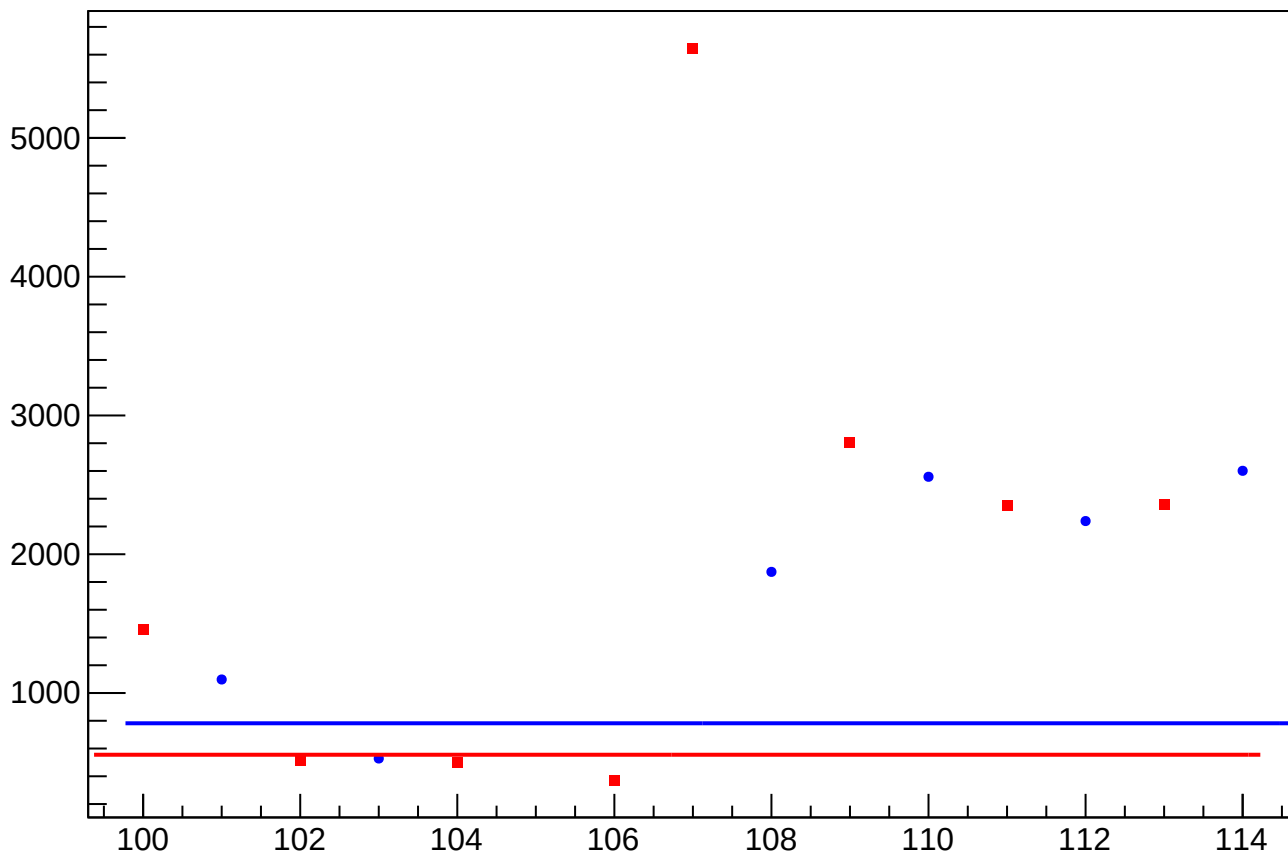
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 313.141+/-328.061 χ^2 /NDF: 15.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 781.899 $\pm$ 0.413 χ^2 /NDF: 1537417.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 555.156 $\pm$ 0.280 χ^2 /NDF: 2316407.3/7

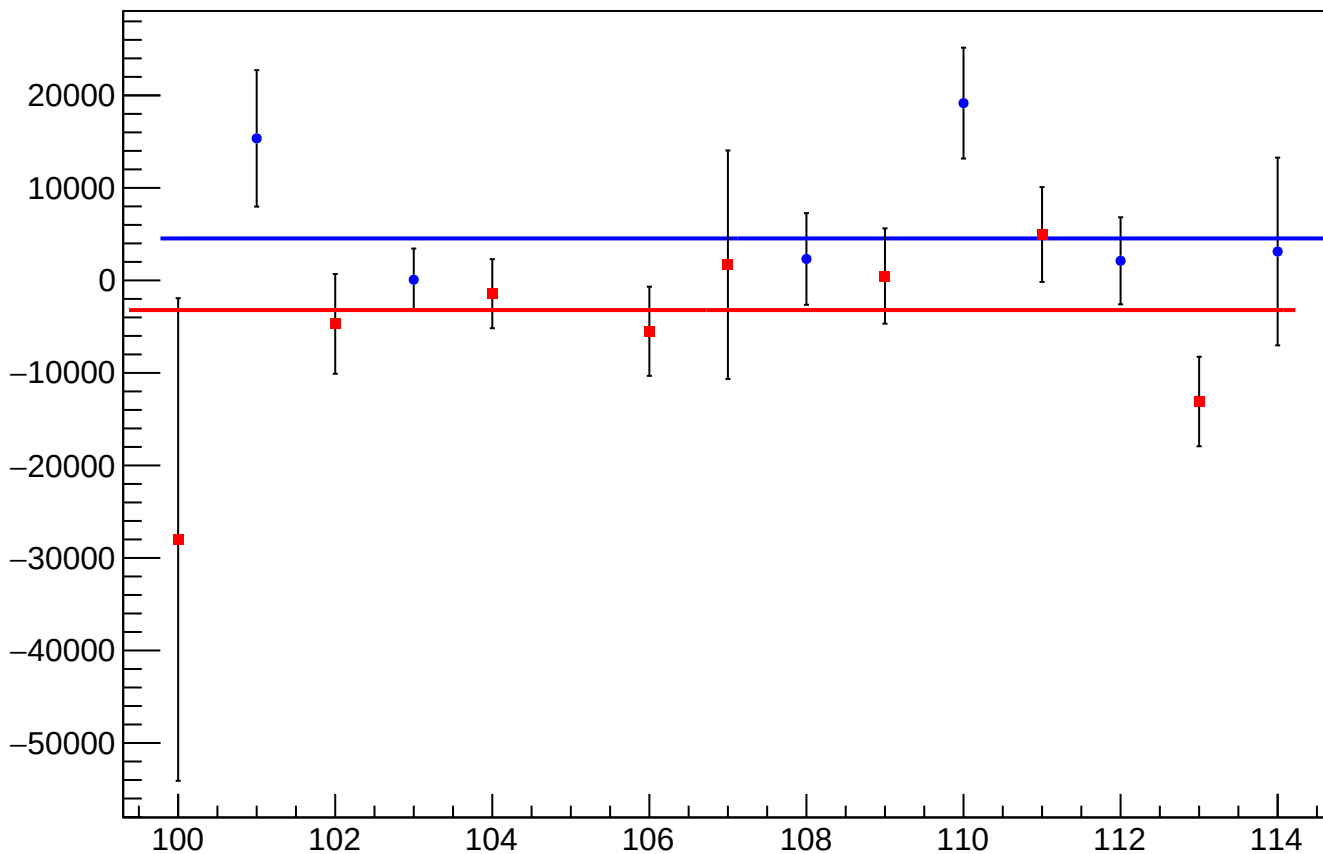
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 626.574 $\pm$ 0.232 χ^2 /NDF: 4059970.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4536.577+/-2085.666 χ^2/NDF : 10.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3207.072+/-1904.650 χ^2/NDF : 8.8/7

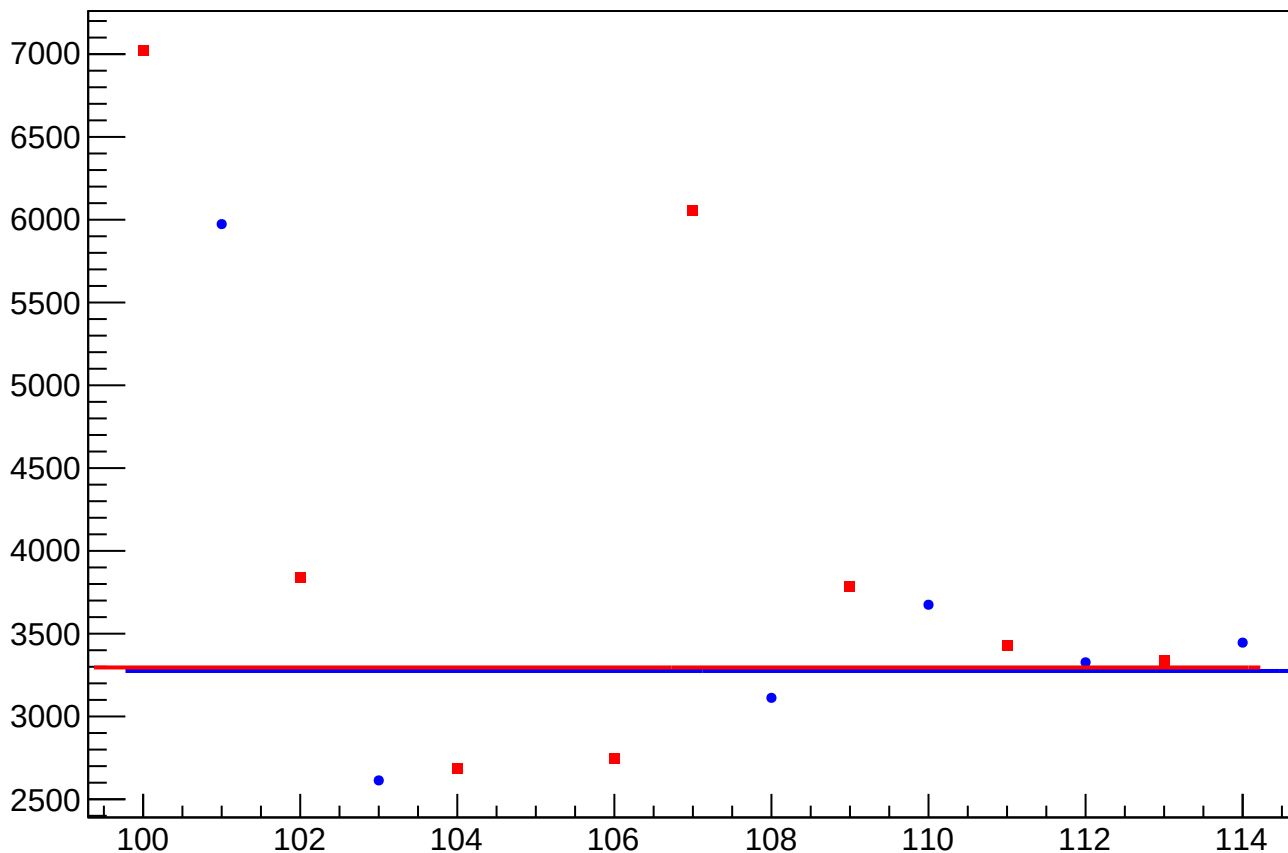
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.191+/-1406.440 χ^2/NDF : 26.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3274.724+/-1.475 χ^2/NDF : 356518.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3295.929+/-1.347 χ^2/NDF : 259206.6/7

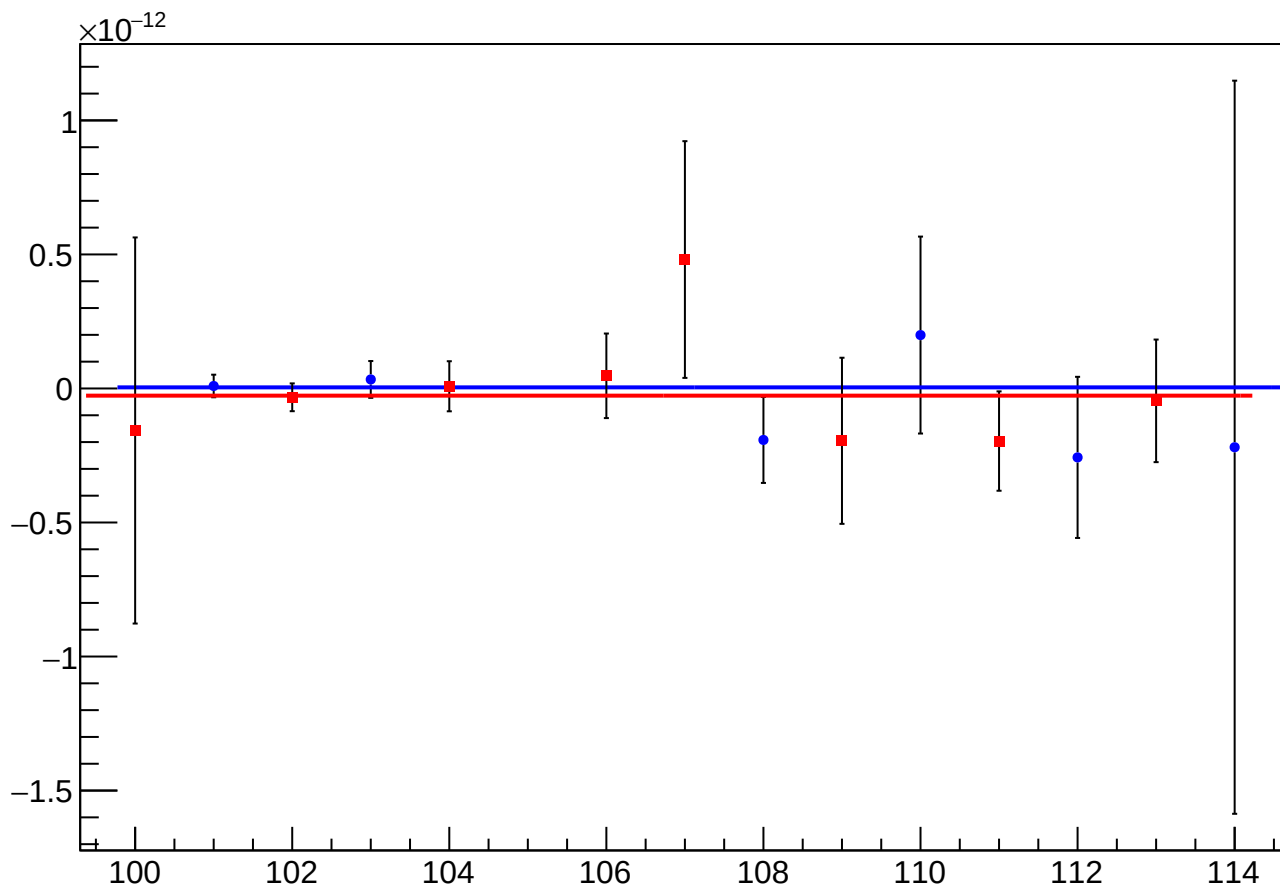
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.286+/-0.994 χ^2/NDF : 615837.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/7

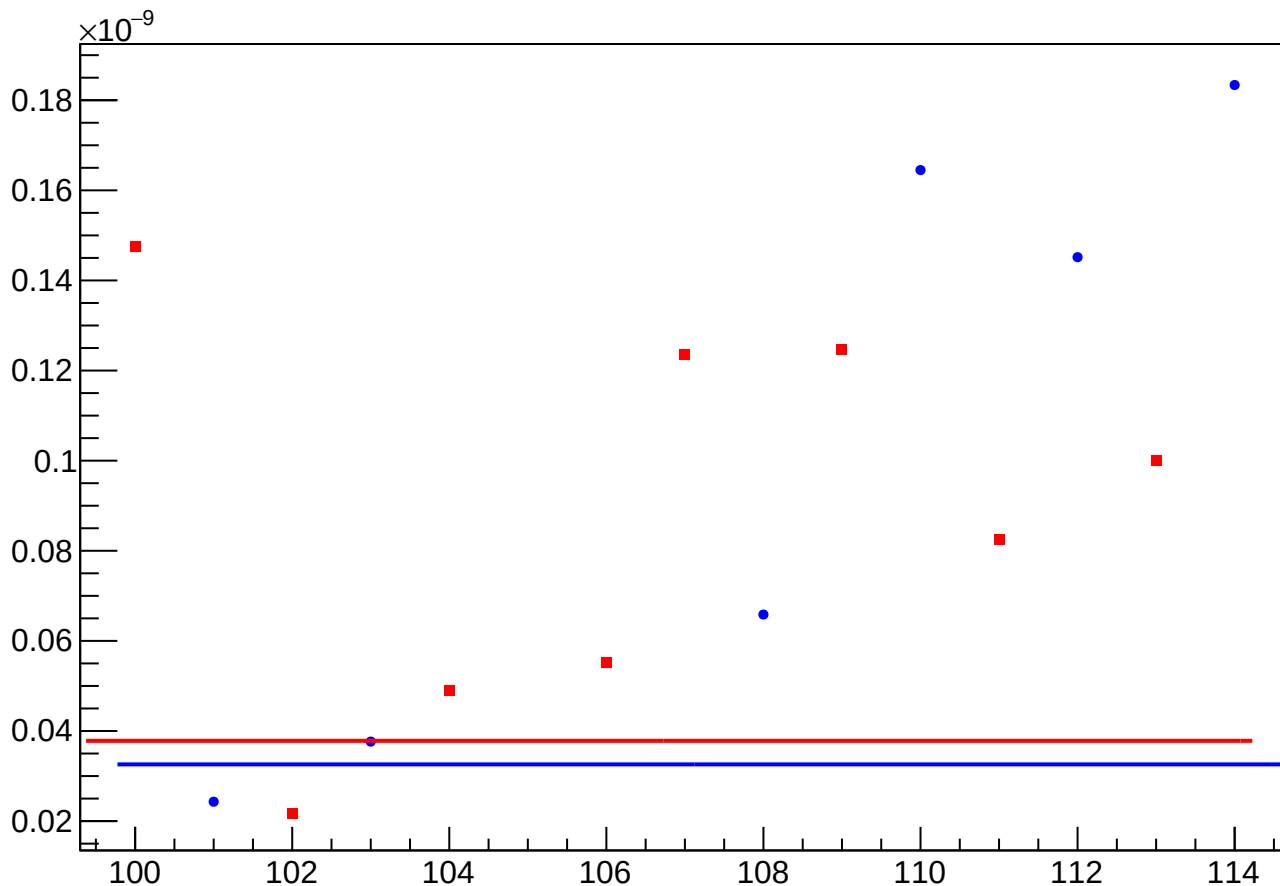
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 737107.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 789605.5/7

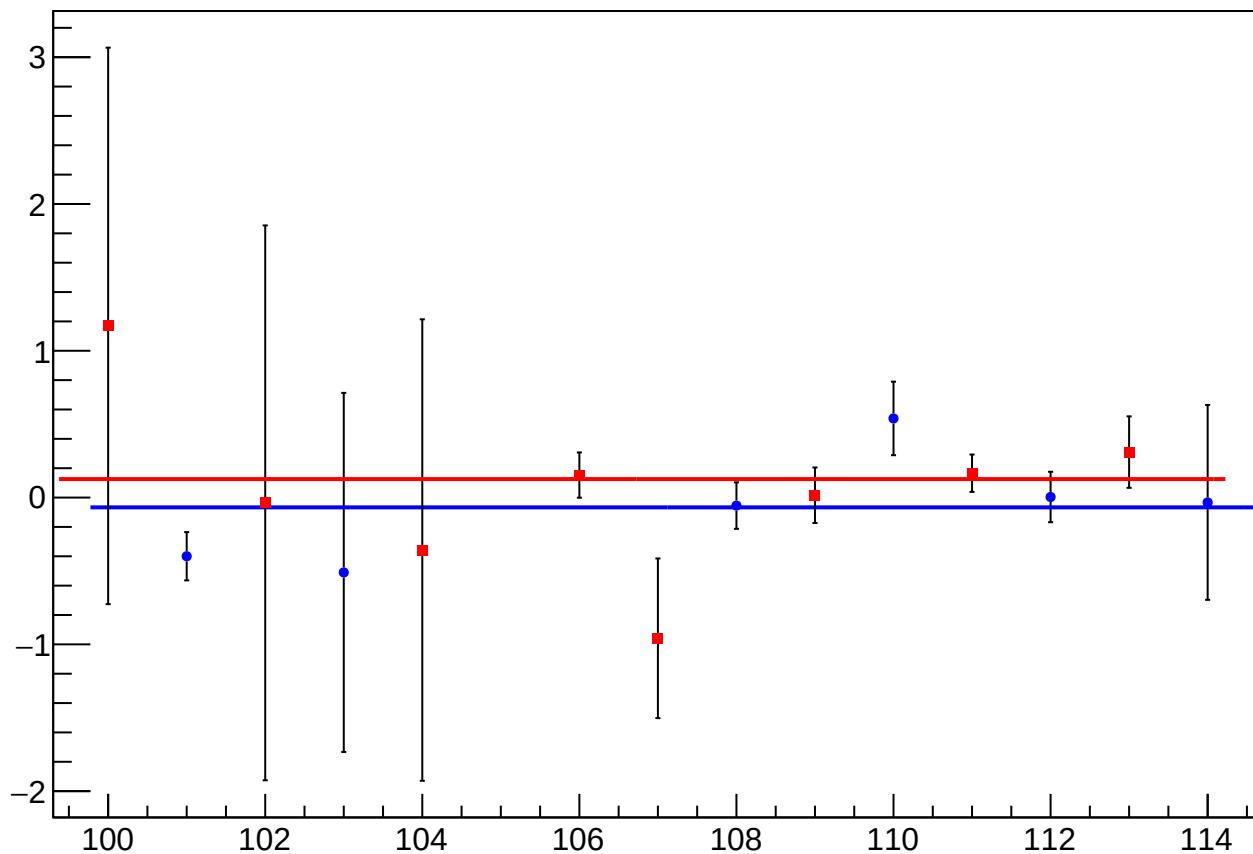
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1545637.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.067 $\pm$ 0.088 χ^2 /NDF: 10.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.126 $\pm$ 0.081 χ^2 /NDF: 5.4/7

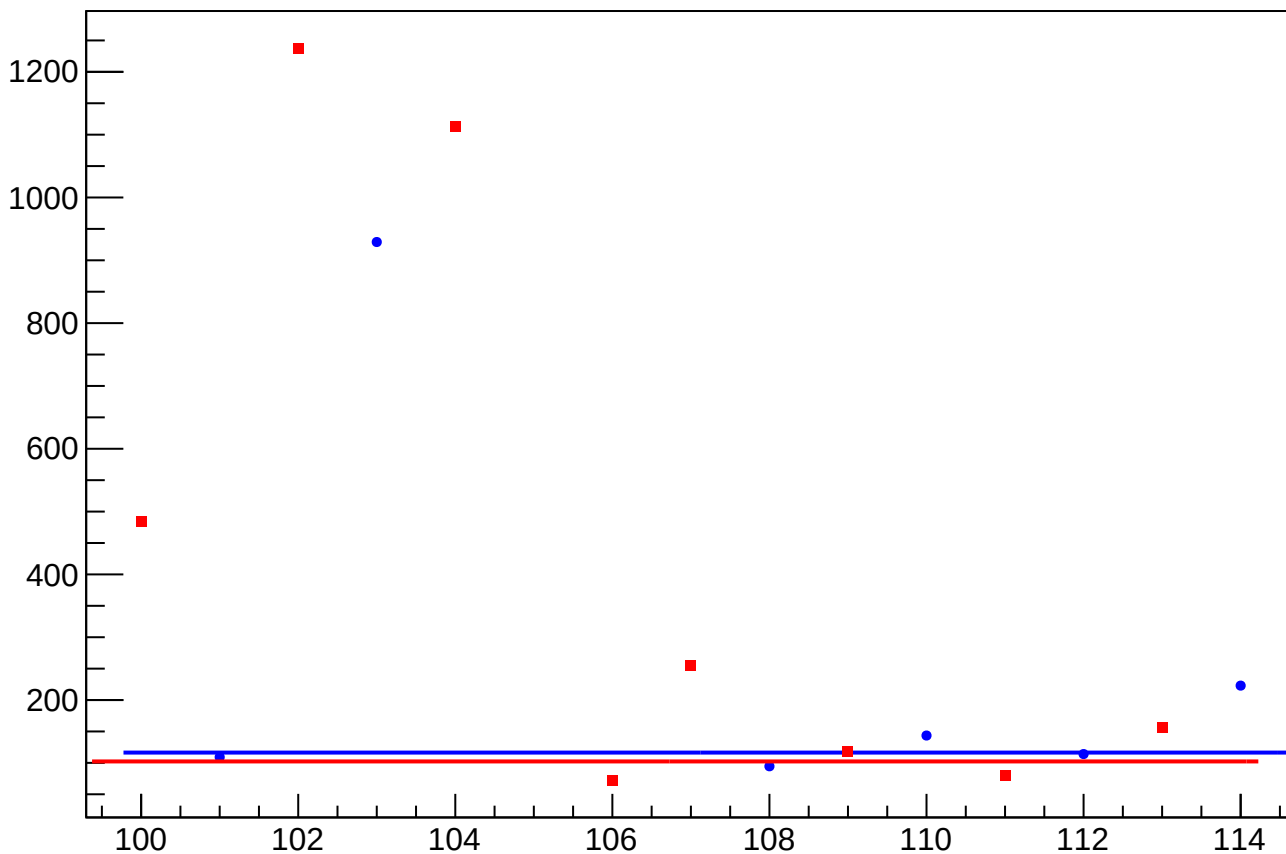
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.059 χ^2 /NDF: 18.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 116.380 $\pm$ 0.062 χ^2 /NDF: 1000417.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.271 $\pm$ 0.057 χ^2 /NDF: 2046615.3/7

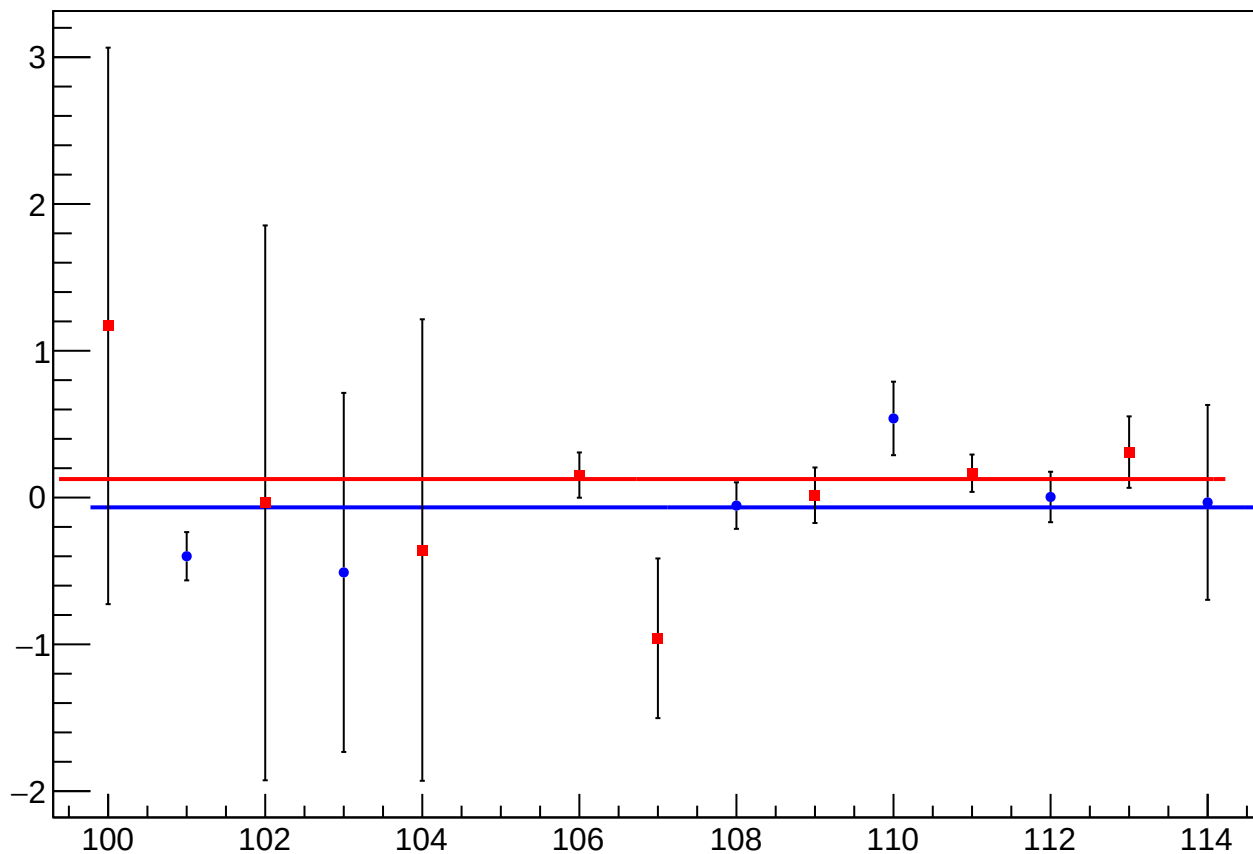
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.740 $\pm$ 0.042 χ^2 /NDF: 3074975.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.067 $\pm$ 0.088 χ^2 /NDF: 10.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.126 $\pm$ 0.081 χ^2 /NDF: 5.4/7

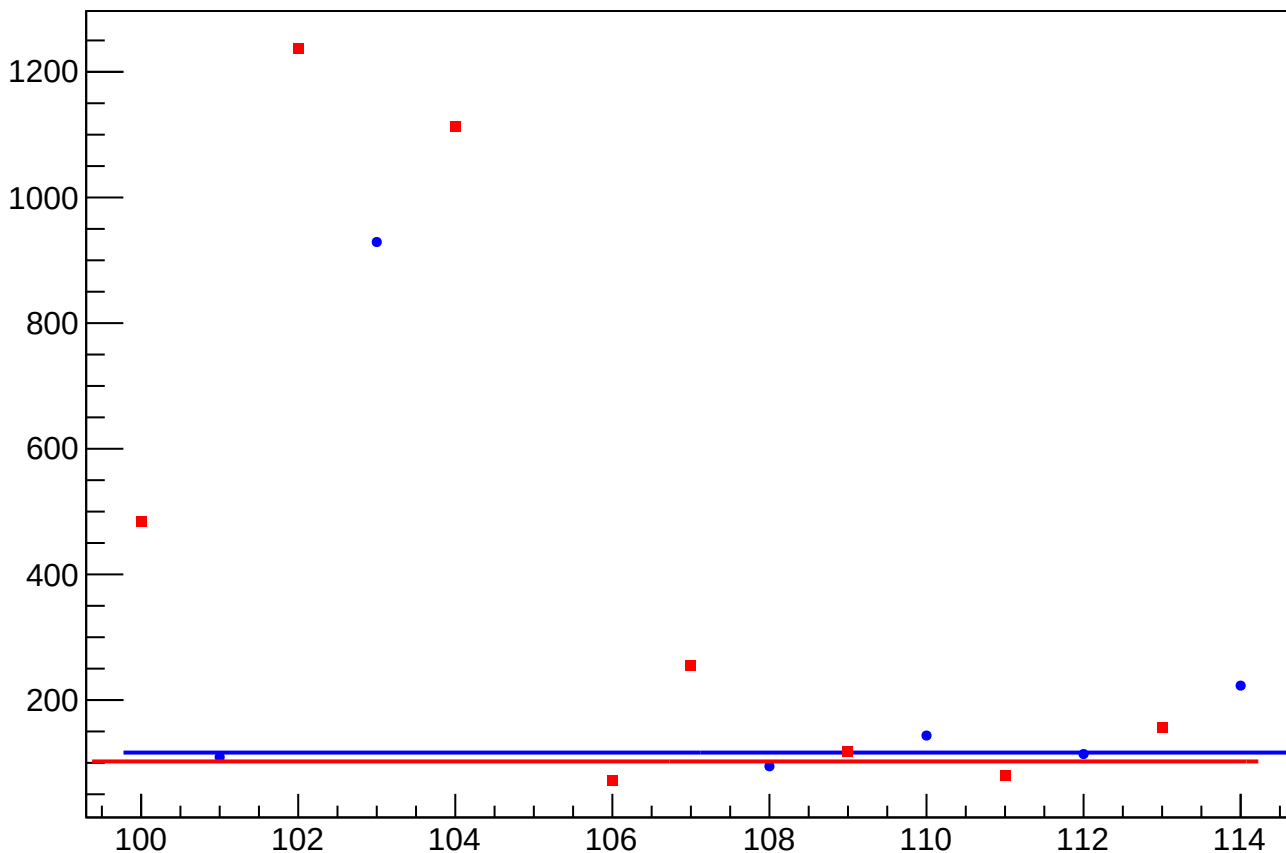
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.059 χ^2 /NDF: 18.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 116.380 $\pm$ 0.062 χ^2 /NDF: 1000417.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.271 $\pm$ 0.057 χ^2 /NDF: 2046615.3/7

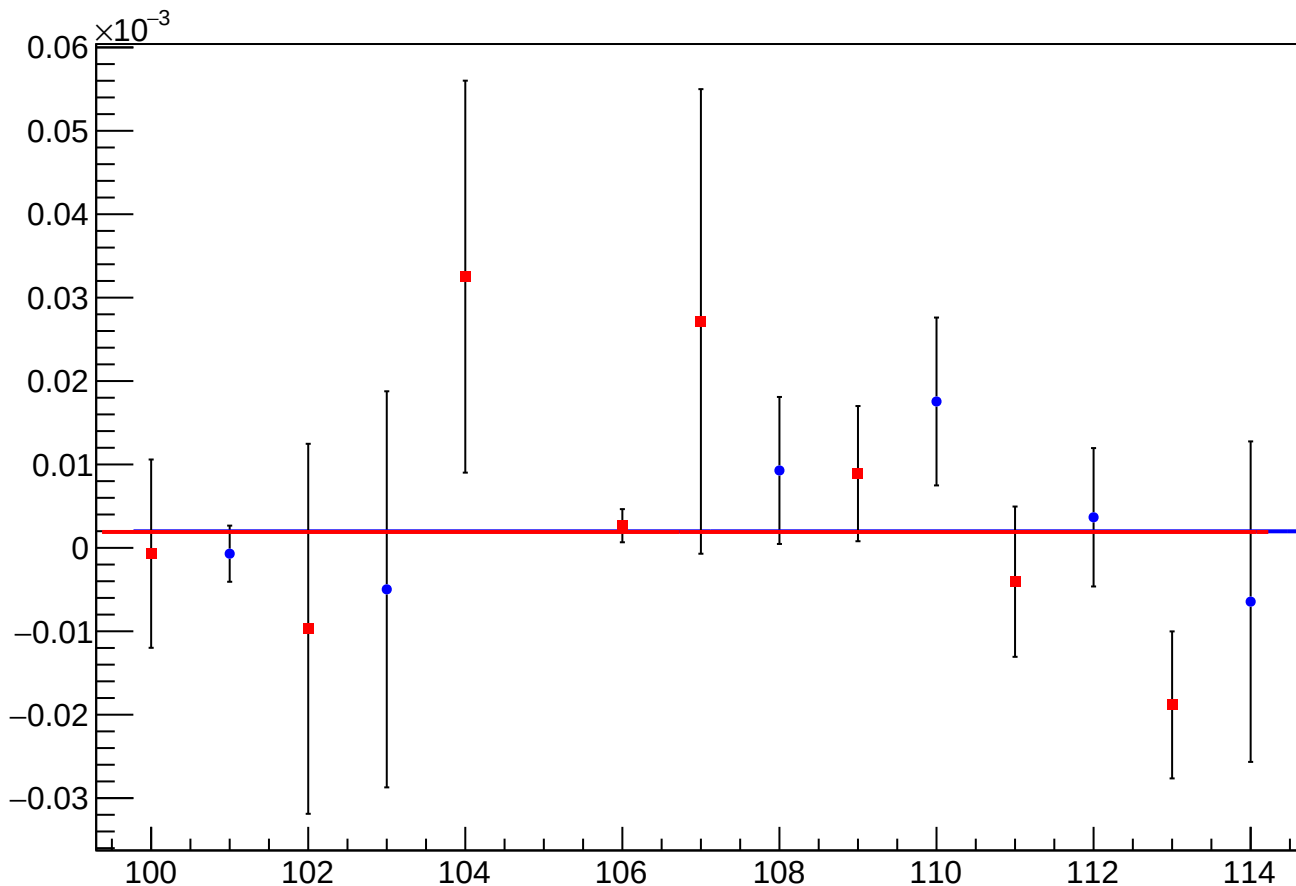
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.740 $\pm$ 0.042 χ^2 /NDF: 3074975.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/7

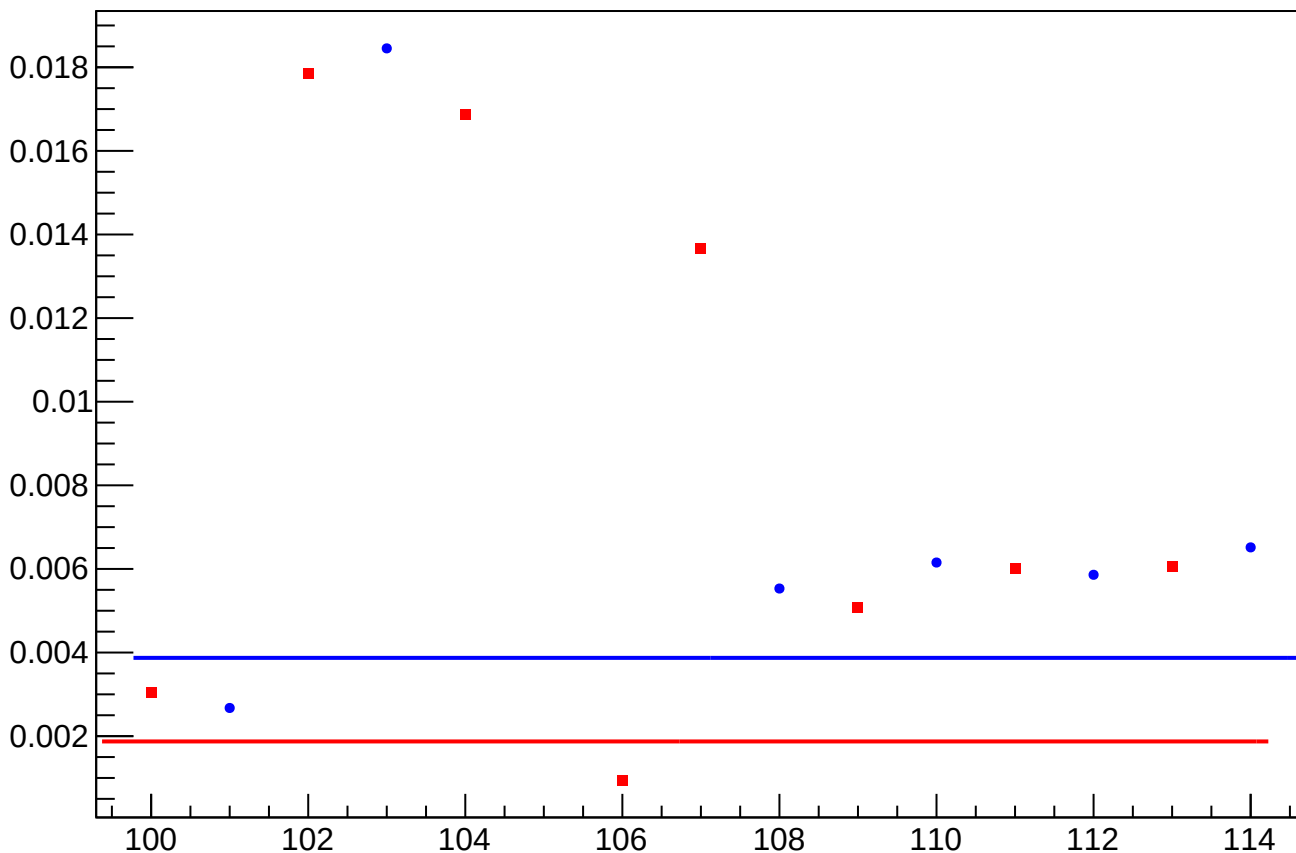
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 1333802.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3870732.0/7

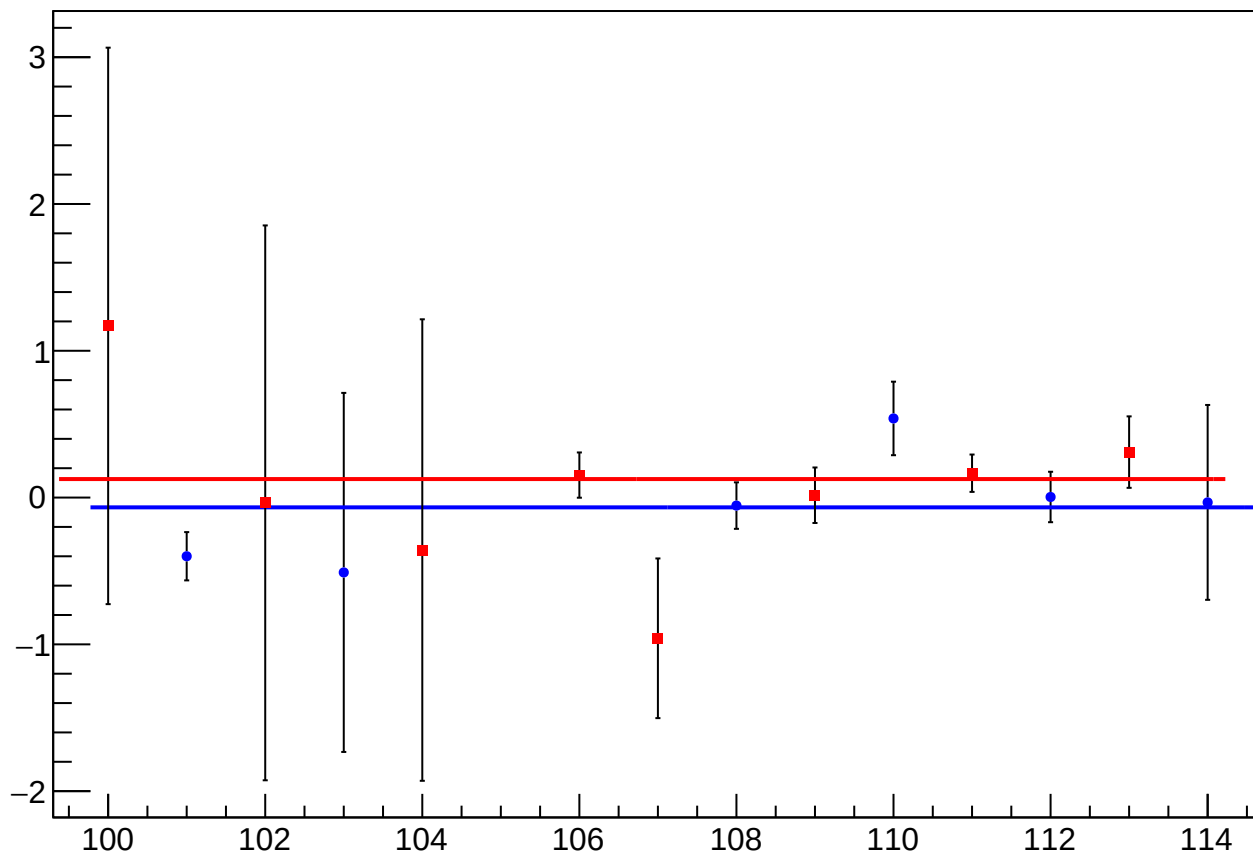
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 5934404.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.067 ± 0.088 χ^2/NDF : 10.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.126 ± 0.081 χ^2/NDF : 5.4/7

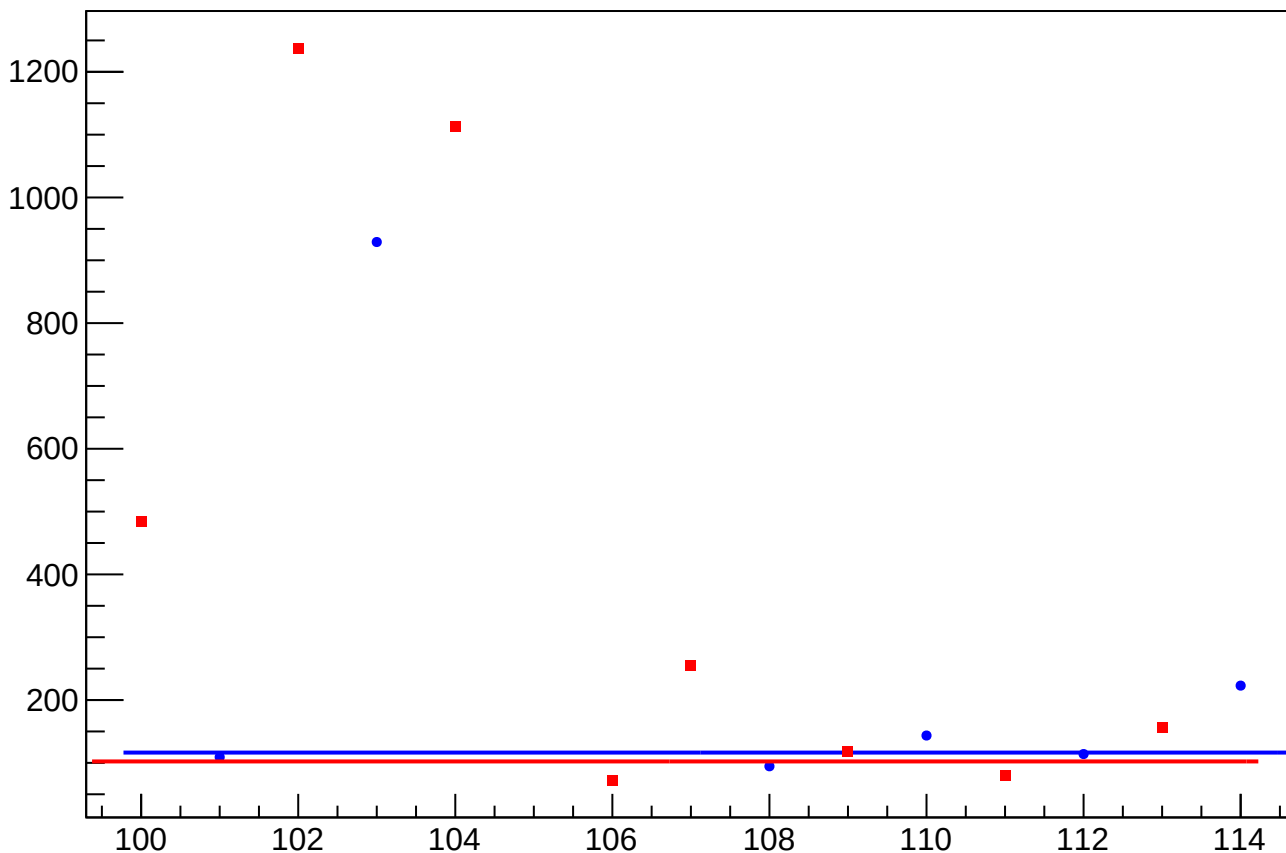
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.038 ± 0.059 χ^2/NDF : 18.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 116.381+/-0.062 χ^2/NDF : 1000404.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.271+/-0.057 χ^2/NDF : 2046583.9/7

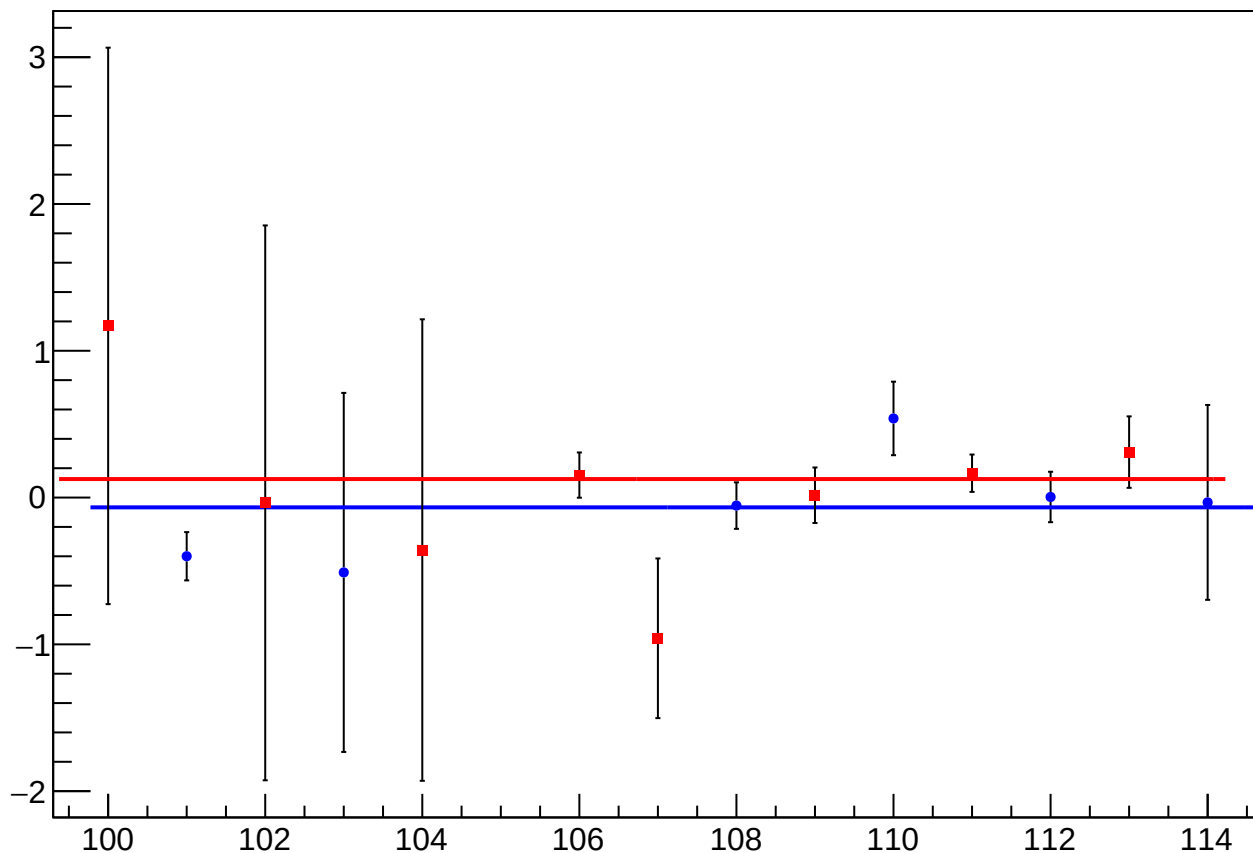
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.740+/-0.042 χ^2/NDF : 3074934.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.067 $\pm$ 0.088 χ^2 /NDF: 10.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.126 $\pm$ 0.081 χ^2 /NDF: 5.4/7

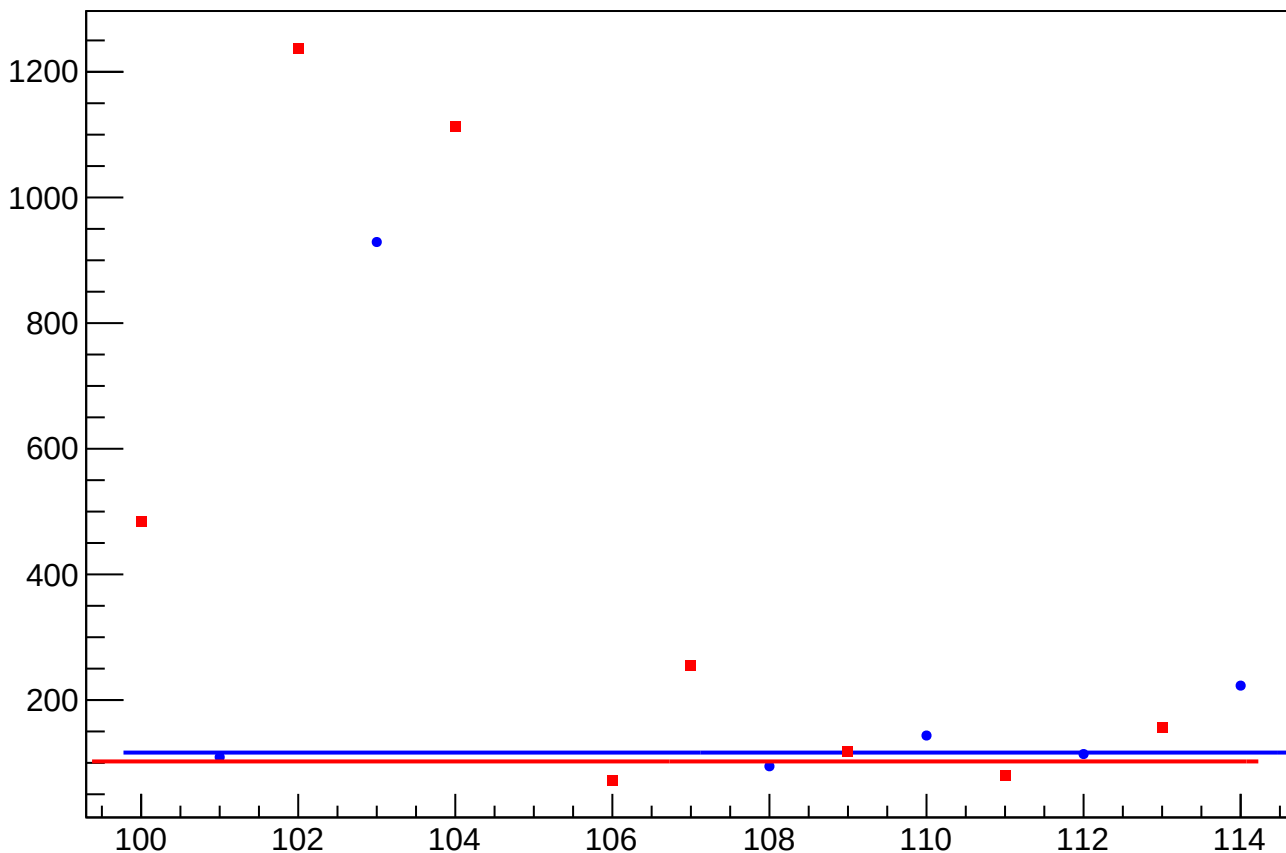
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.059 χ^2 /NDF: 18.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 116.381+/-0.062 χ^2/NDF : 1000404.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.271+/-0.057 χ^2/NDF : 2046583.9/7

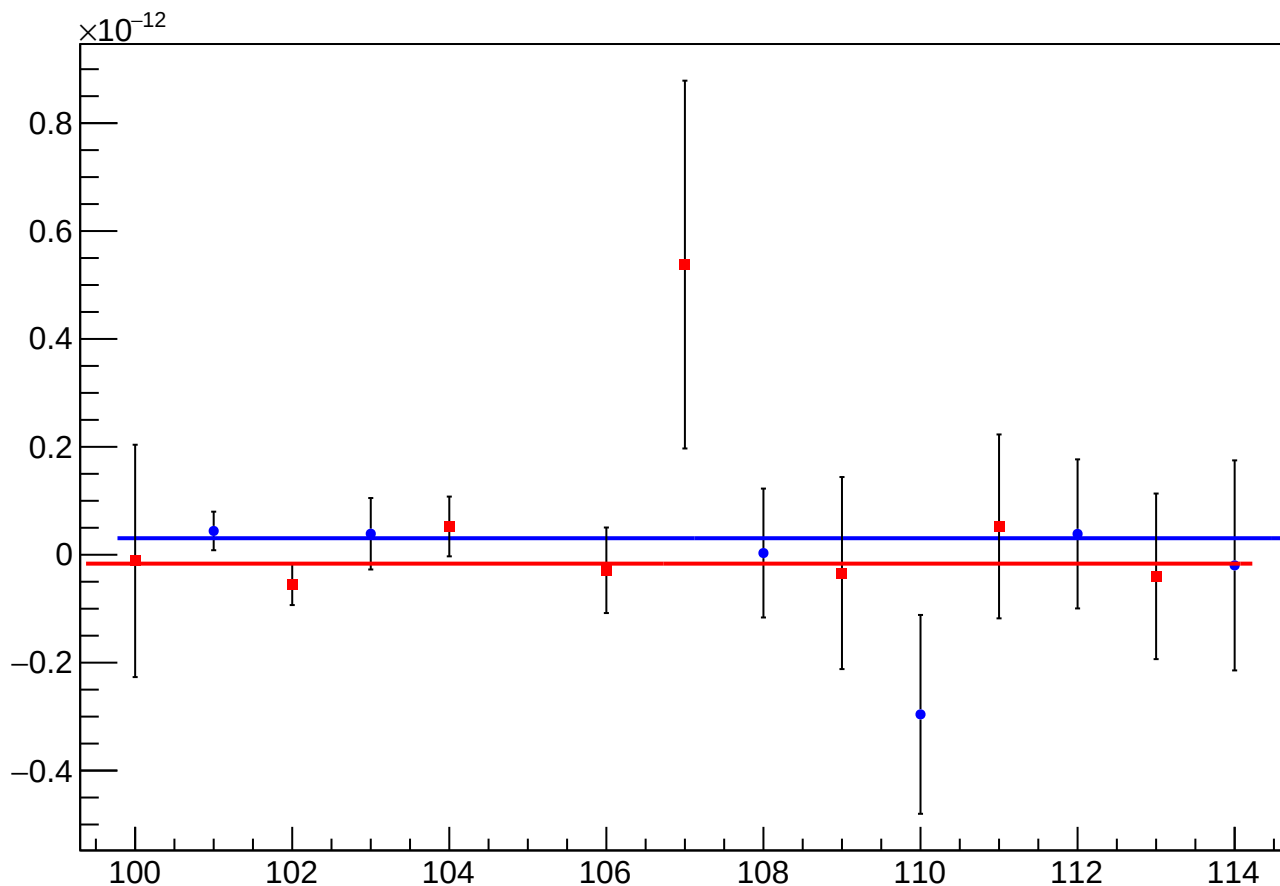
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.740+/-0.042 χ^2/NDF : 3074934.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/7

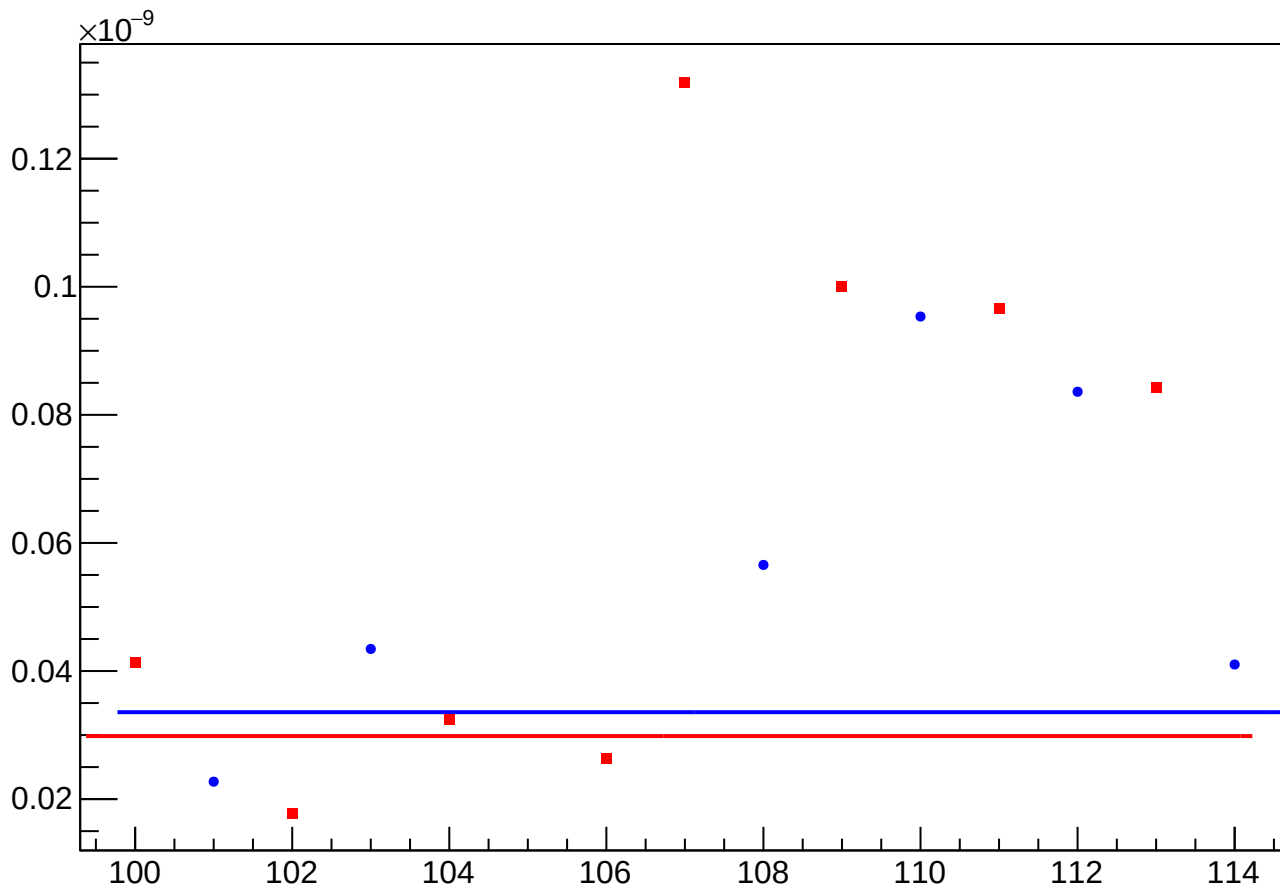
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 793066.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1261791.4/7

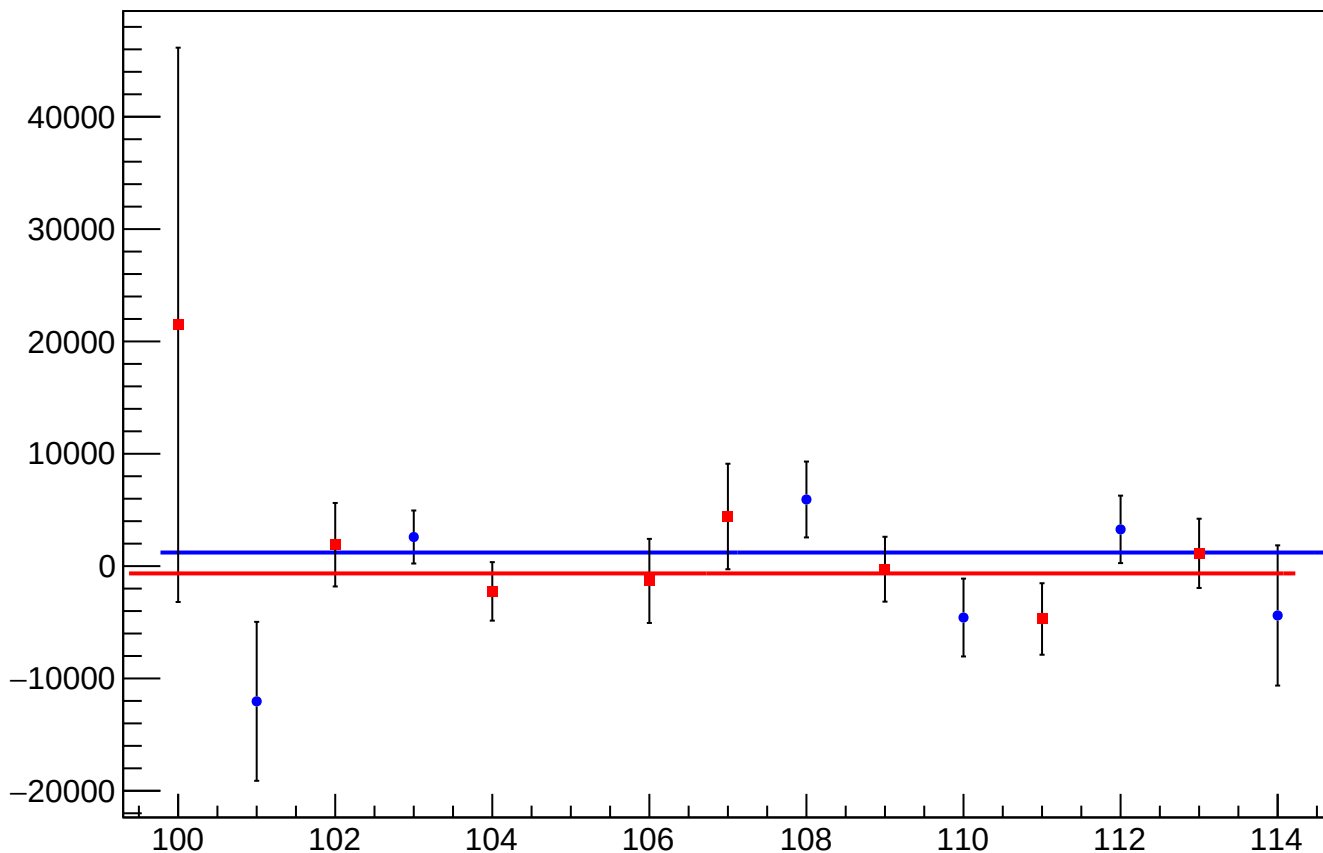
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2072152.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 1210.144+/-1404.279 χ^2/NDF : 9.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -649.701+/-1228.884 χ^2/NDF : 4.8/7

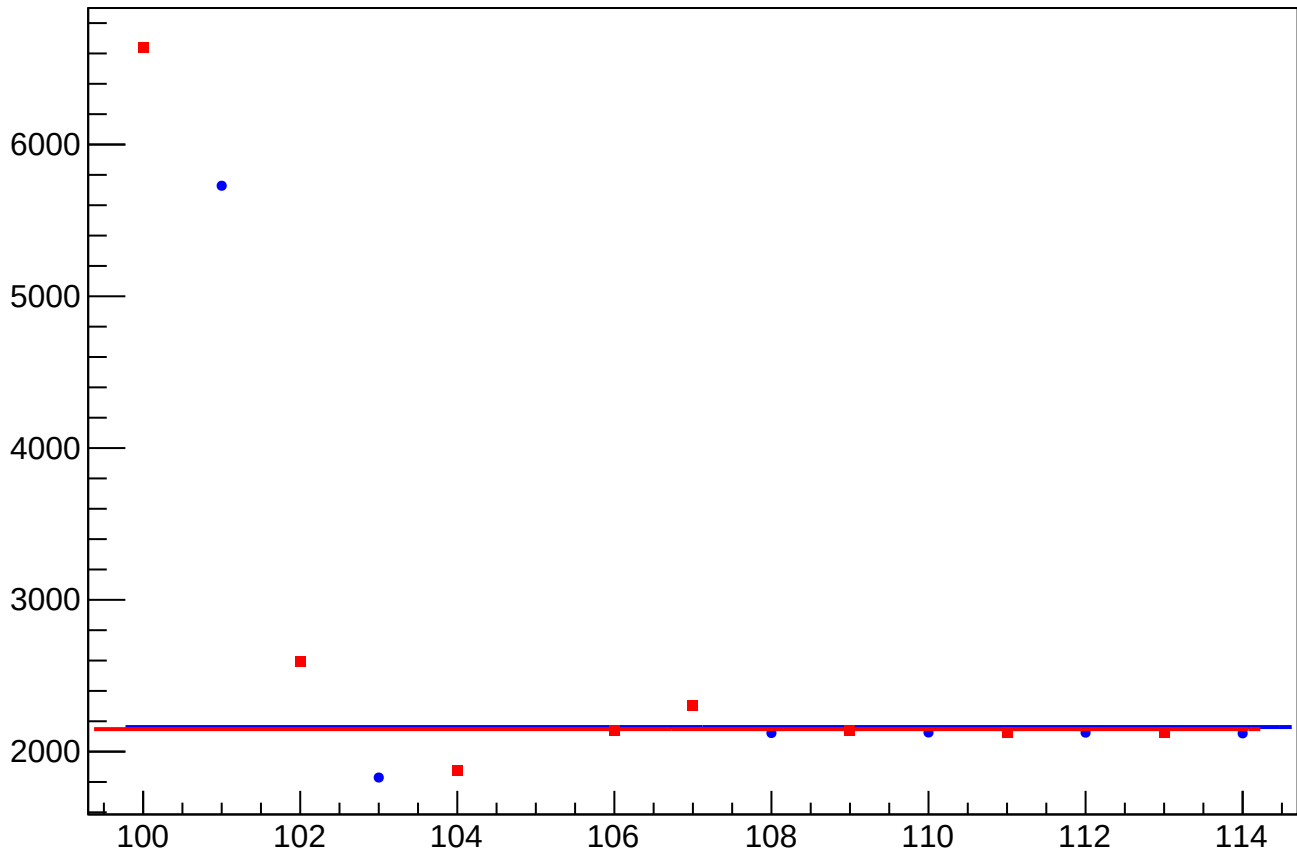
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.884+/-924.784 χ^2/NDF : 15.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2161.790+/-0.993 χ^2/NDF : 548986.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2148.229+/-0.869 χ^2/NDF : 120123.9/7

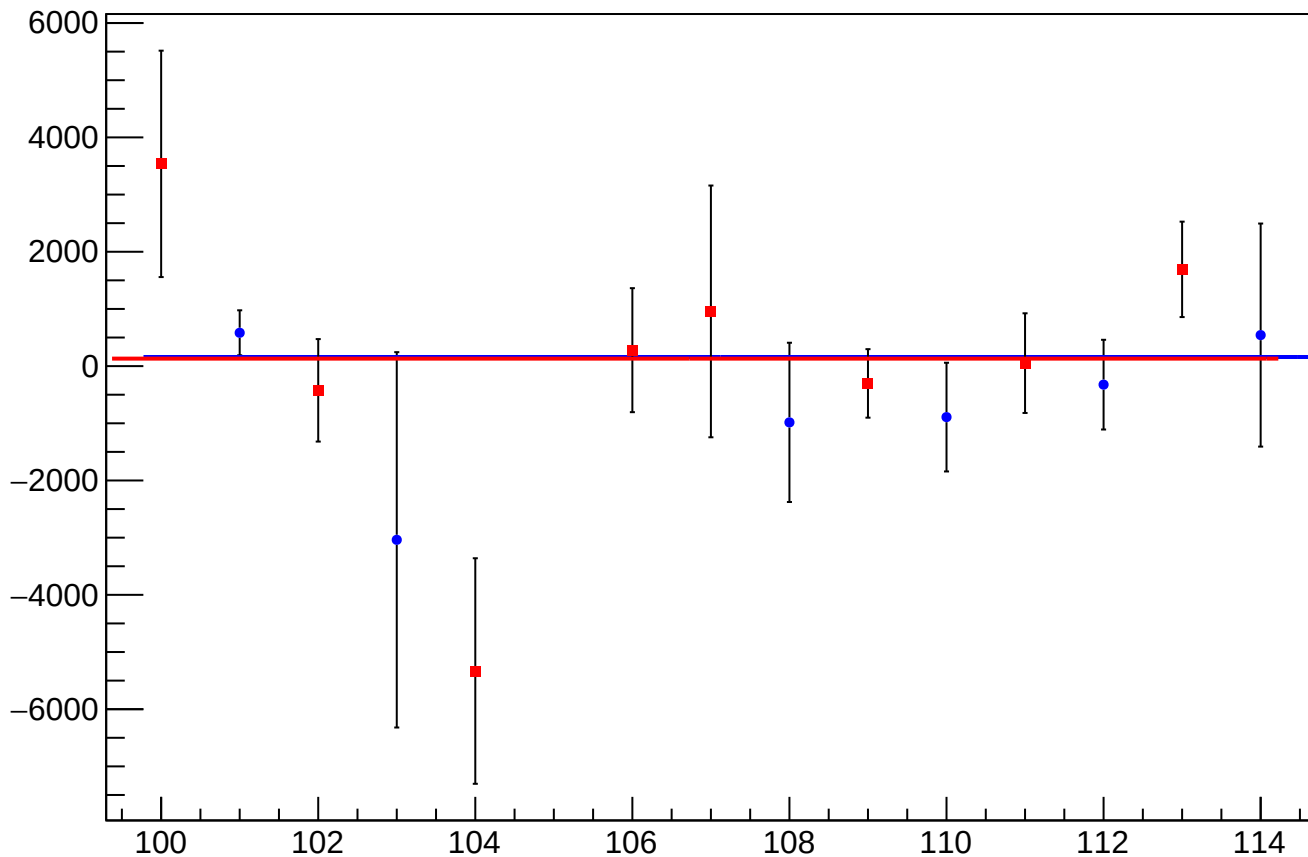
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.110+/-0.654 χ^2/NDF : 669215.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug



Right In: 159.380+/-315.250 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.207+/-346.018 χ^2/NDF : 15.2/7

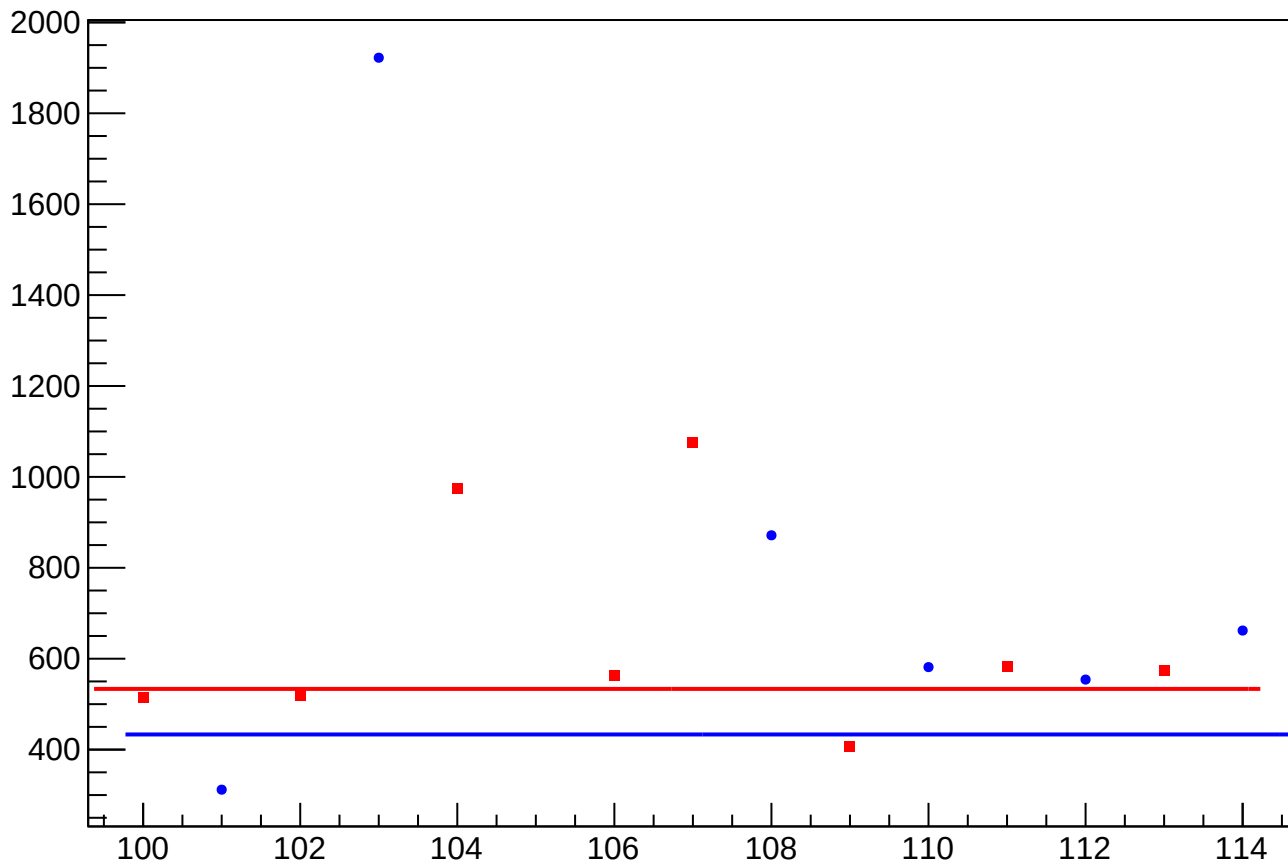
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.602+/-233.036 χ^2/NDF : 19.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 433.309+/-0.223 χ^2/NDF : 923671.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.565+/-0.245 χ^2/NDF : 323726.9/7

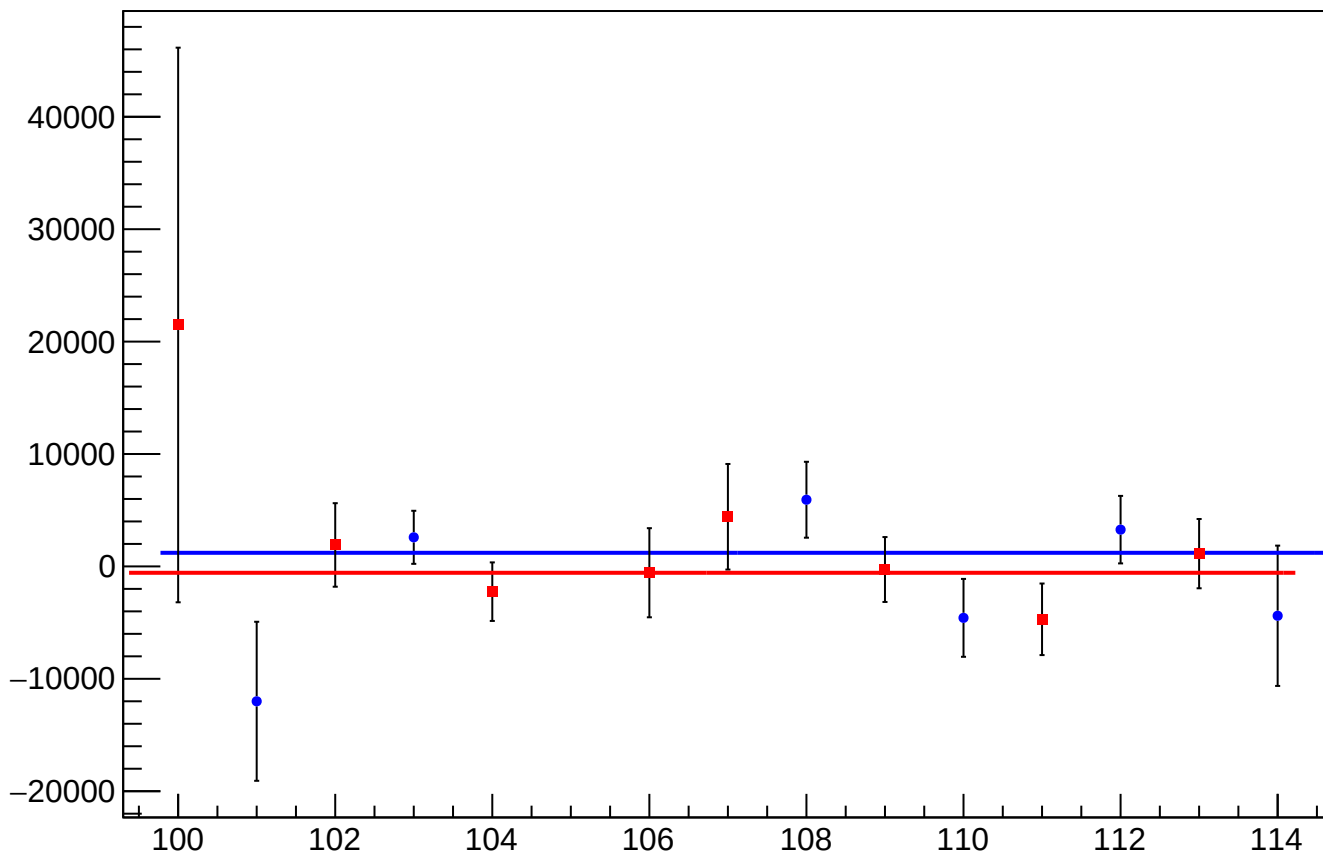
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.783+/-0.165 χ^2/NDF : 1339143.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 1210.422+/-1404.280 χ^2/NDF : 9.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -567.787+/-1236.164 χ^2/NDF : 4.8/7

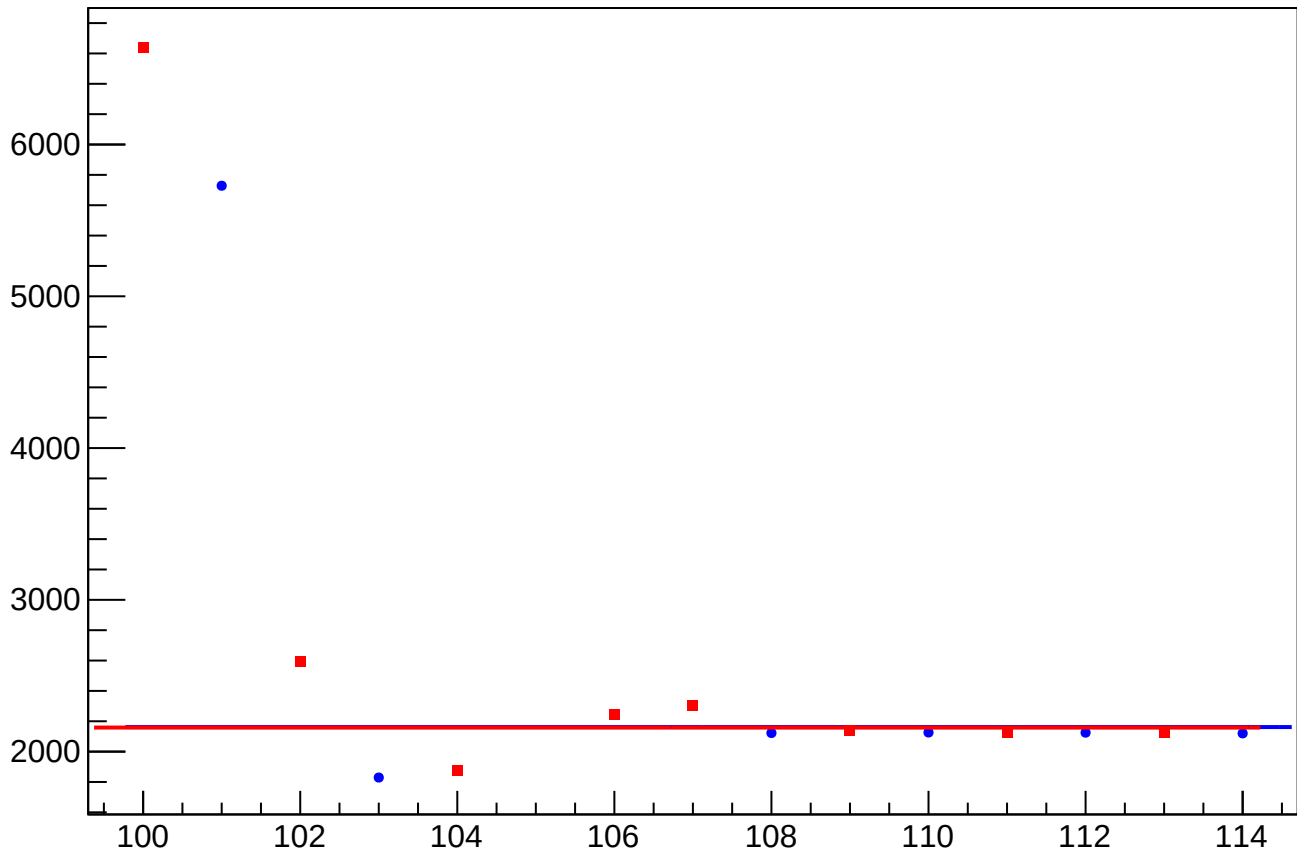
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.557+/-927.875 χ^2/NDF : 15.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2161.790 $\pm$ 0.993 χ^2 /NDF: 548986.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

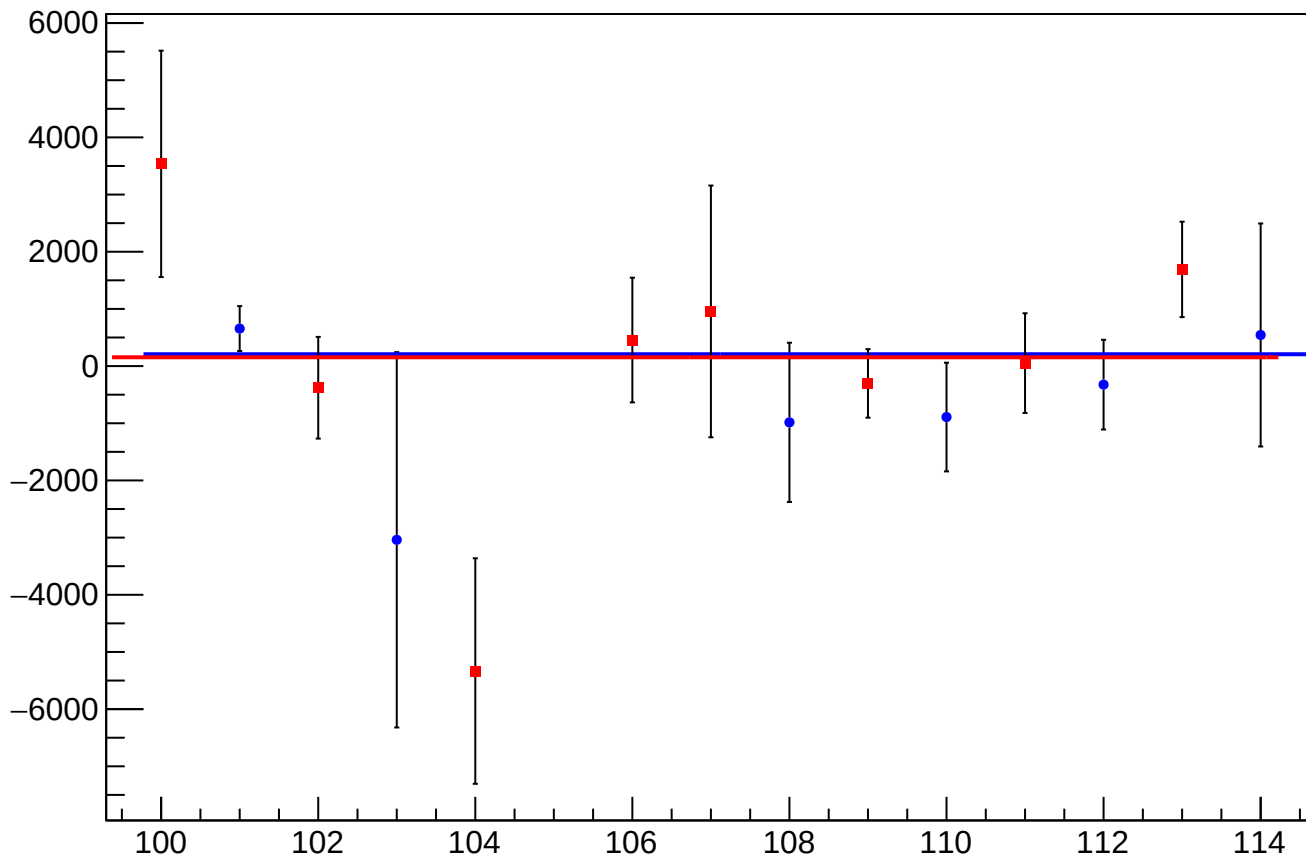
Right Out: 2158.586 $\pm$ 0.874 χ^2 /NDF: 121072.1/7

All: 2159.985 $\pm$ 0.656 χ^2 /NDF: 670064.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug



Right In: 207.219+/-315.025 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.900+/-345.844 χ^2/NDF : 15.2/7

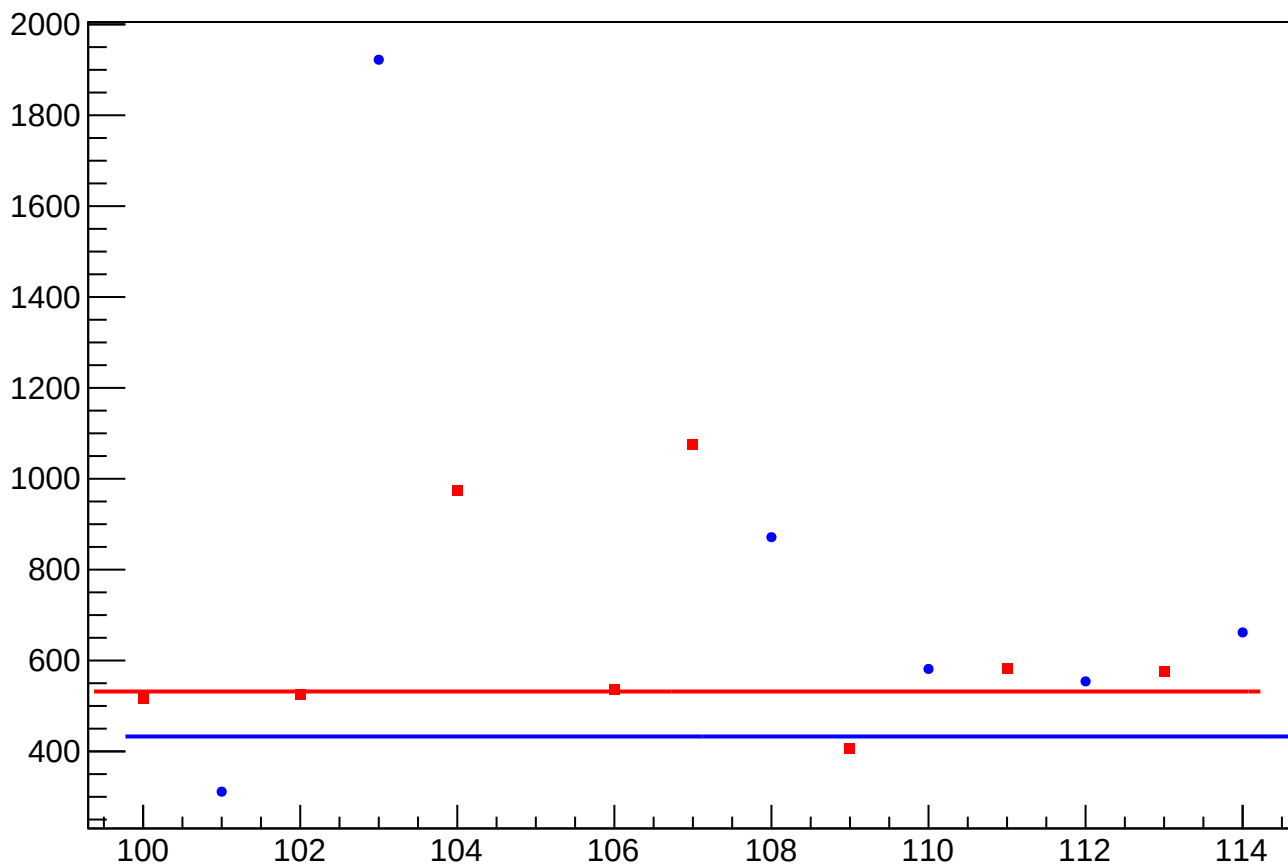
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.041+/-232.891 χ^2/NDF : 20.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



Right In: 432.814+/-0.223 χ^2/NDF : 925595.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.805+/-0.245 χ^2/NDF : 321696.8/7

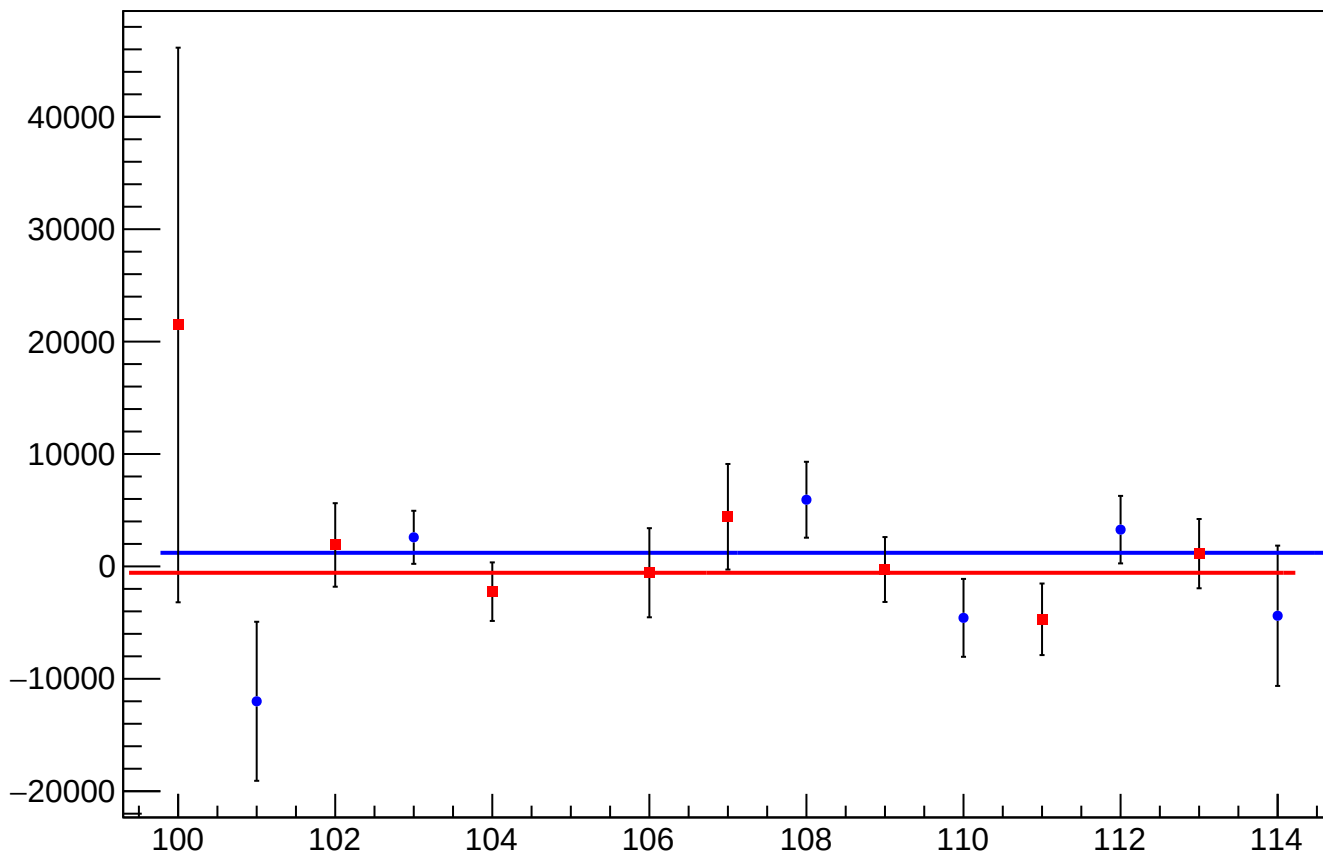
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.703+/-0.165 χ^2/NDF : 1336844.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 1210.422+/-1404.280 χ^2/NDF : 9.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -567.787+/-1236.164 χ^2/NDF : 4.8/7

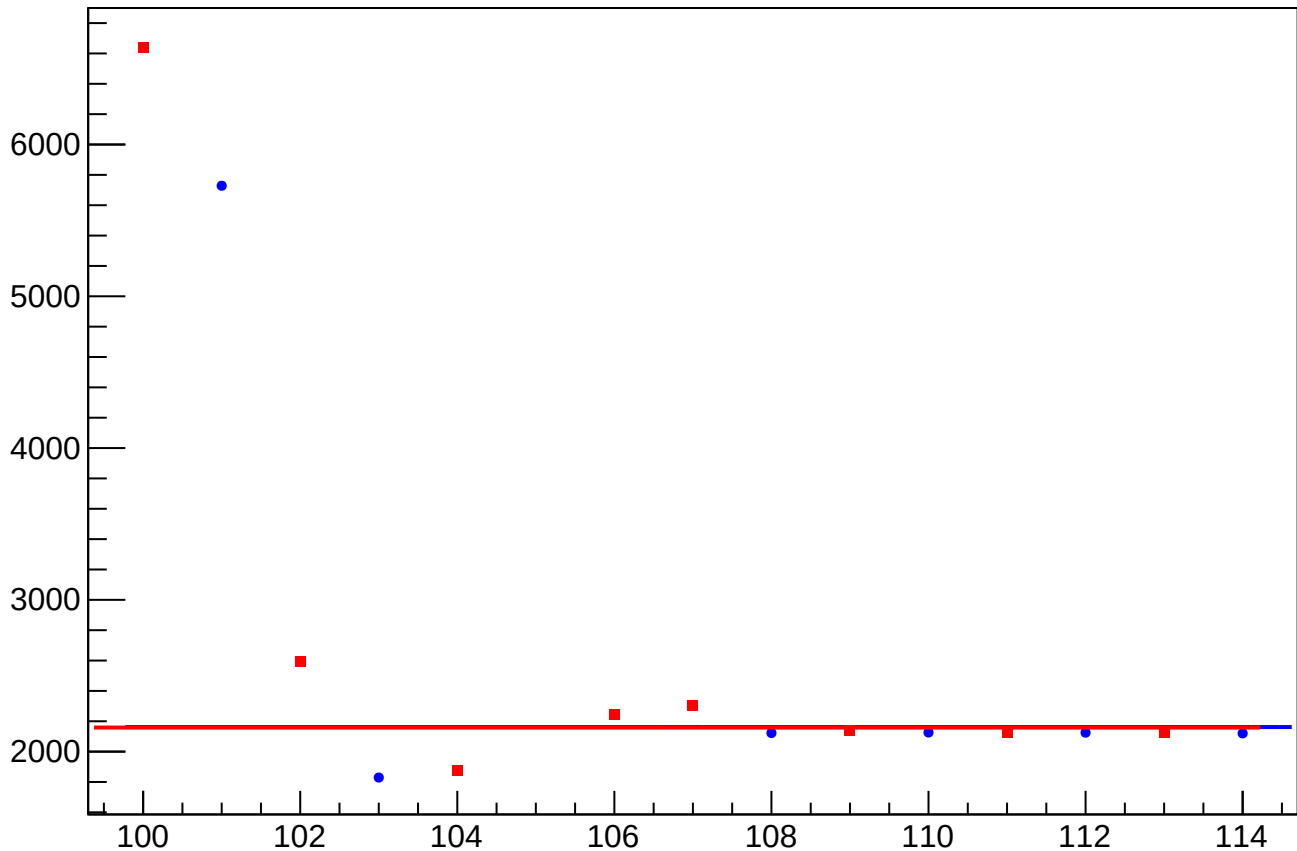
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.557+/-927.875 χ^2/NDF : 15.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2161.790 $\pm$ 0.993 χ^2 /NDF: 548986.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2158.586 $\pm$ 0.874 χ^2 /NDF: 121072.1/7

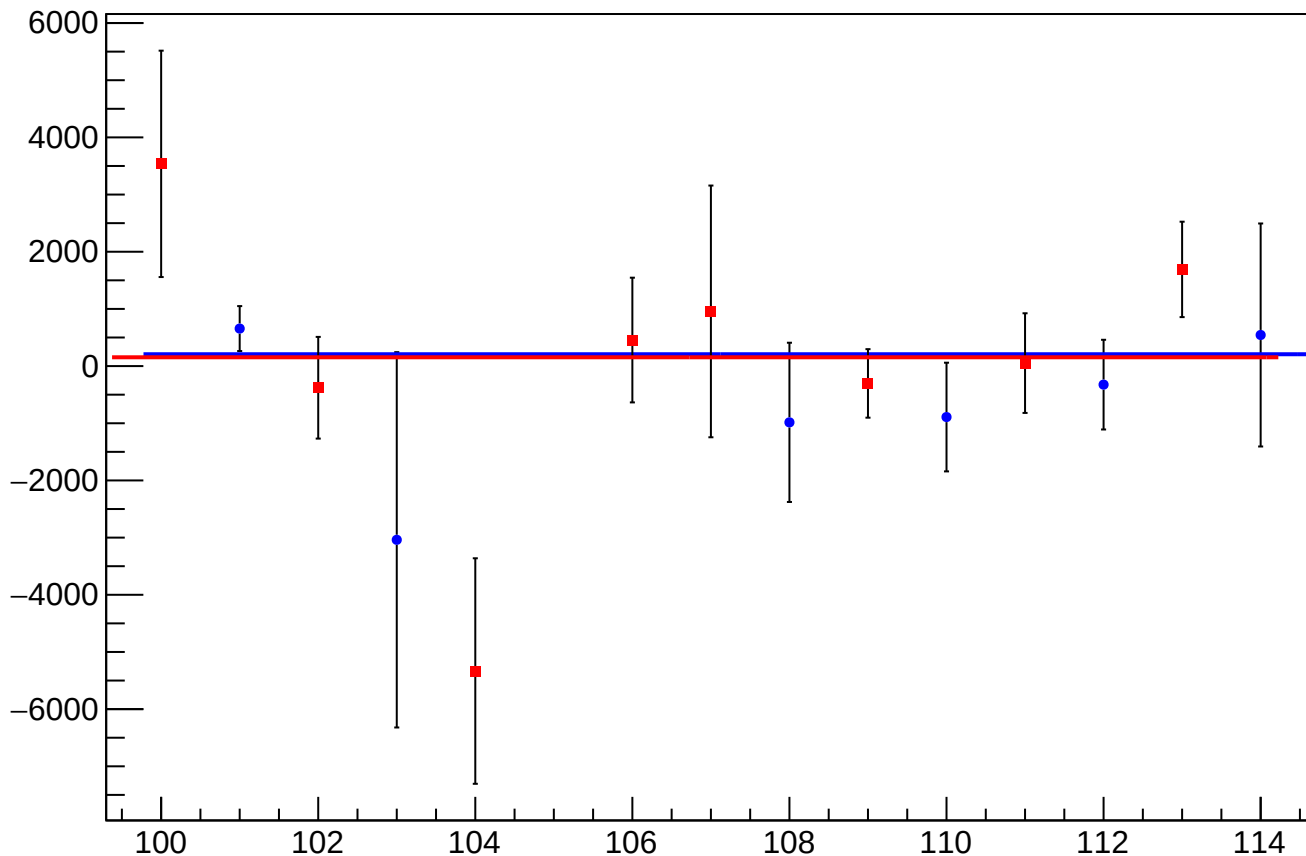
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2159.985 $\pm$ 0.656 χ^2 /NDF: 670064.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 207.219+/-315.025 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.900+/-345.844 χ^2/NDF : 15.2/7

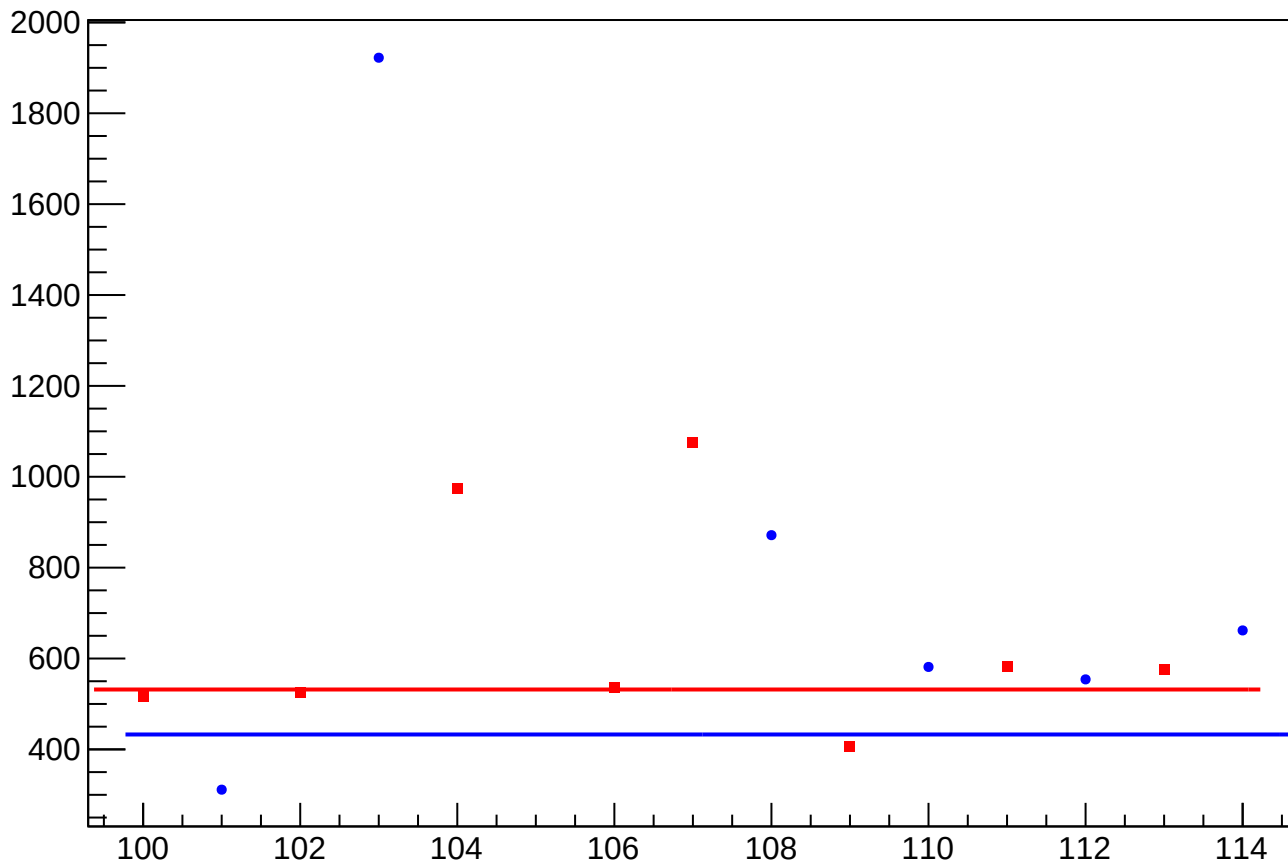
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.041+/-232.891 χ^2/NDF : 20.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 432.814+/-0.223 χ^2/NDF : 925595.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.805+/-0.245 χ^2/NDF : 321696.8/7

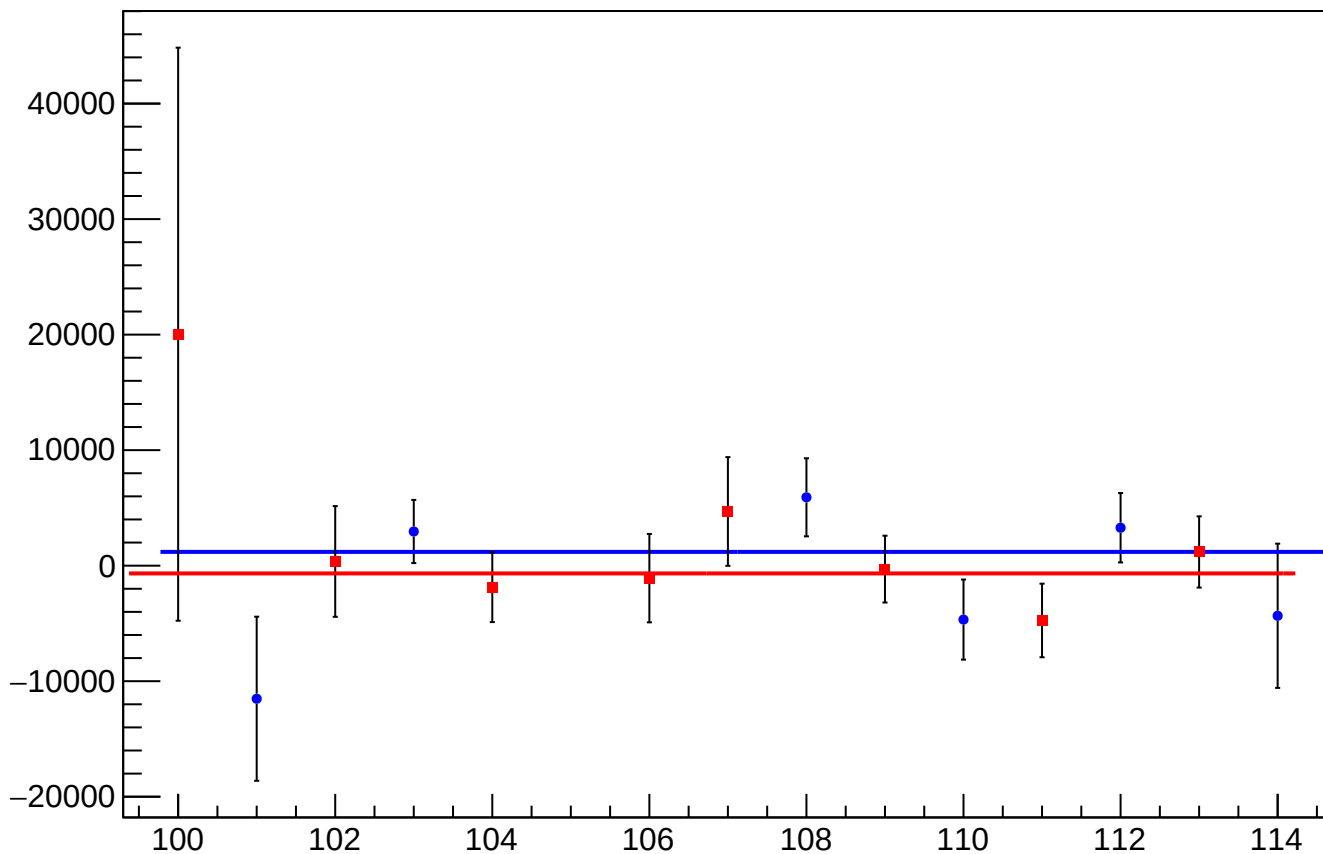
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.703+/-0.165 χ^2/NDF : 1336844.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 1193.227 $\pm$ 1473.337 χ^2 /NDF: 9.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -671.112 $\pm$ 1299.697 χ^2 /NDF: 4.2/7

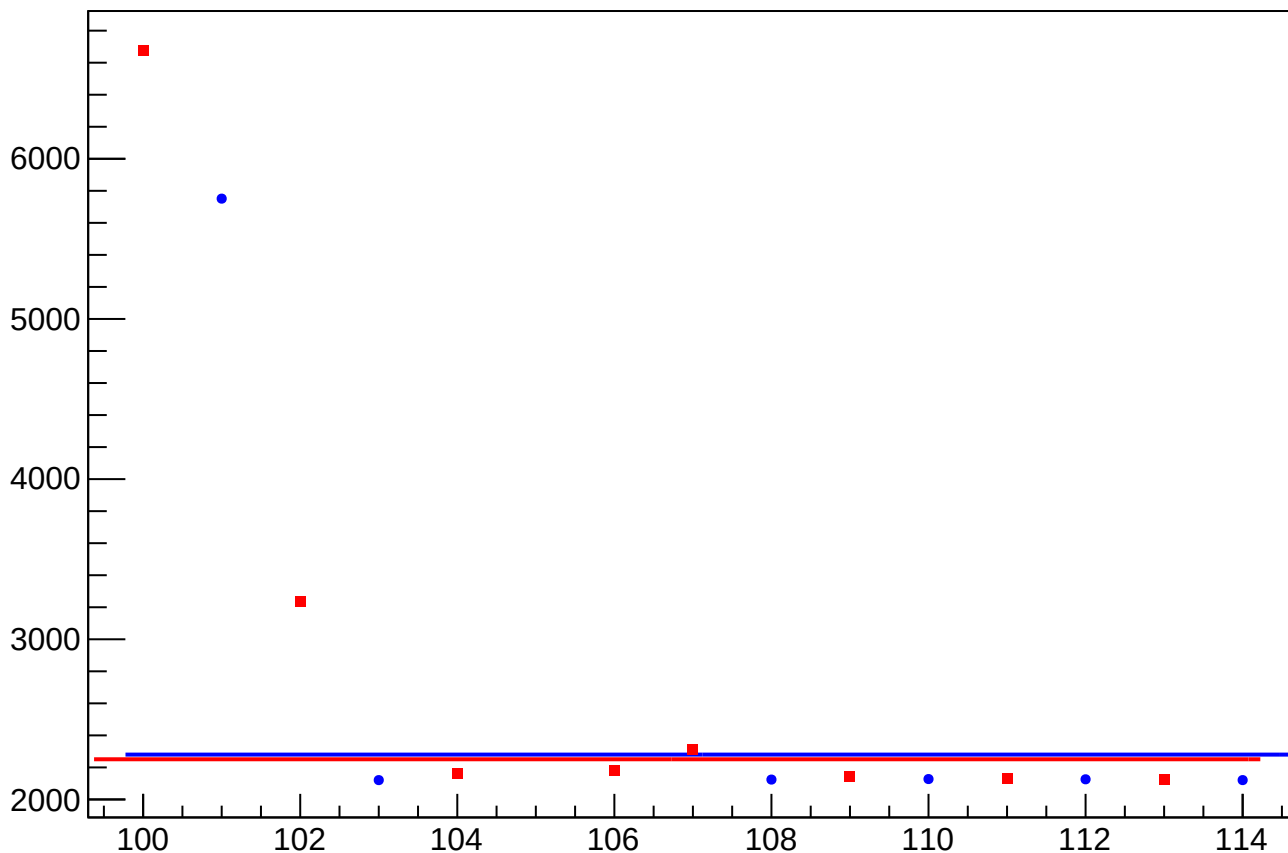
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.773 $\pm$ 974.663 χ^2 /NDF: 14.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2280.025+/-1.042 χ^2/NDF : 499099.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2250.880+/-0.919 χ^2/NDF : 160227.3/7

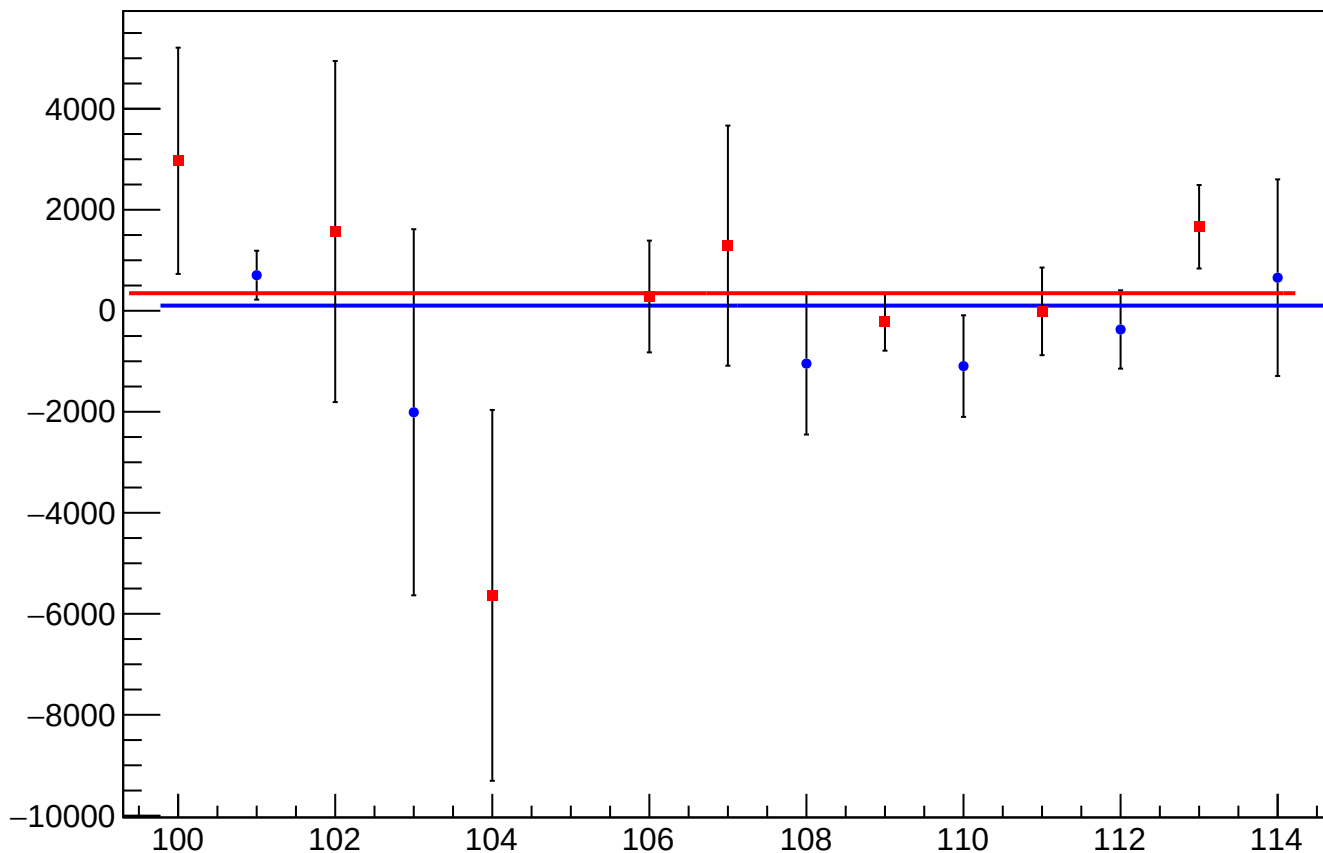
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.635+/-0.689 χ^2/NDF : 659766.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 102.345 $\pm$ 358.878 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 347.886 $\pm$ 372.050 χ^2 /NDF: 8.0/7

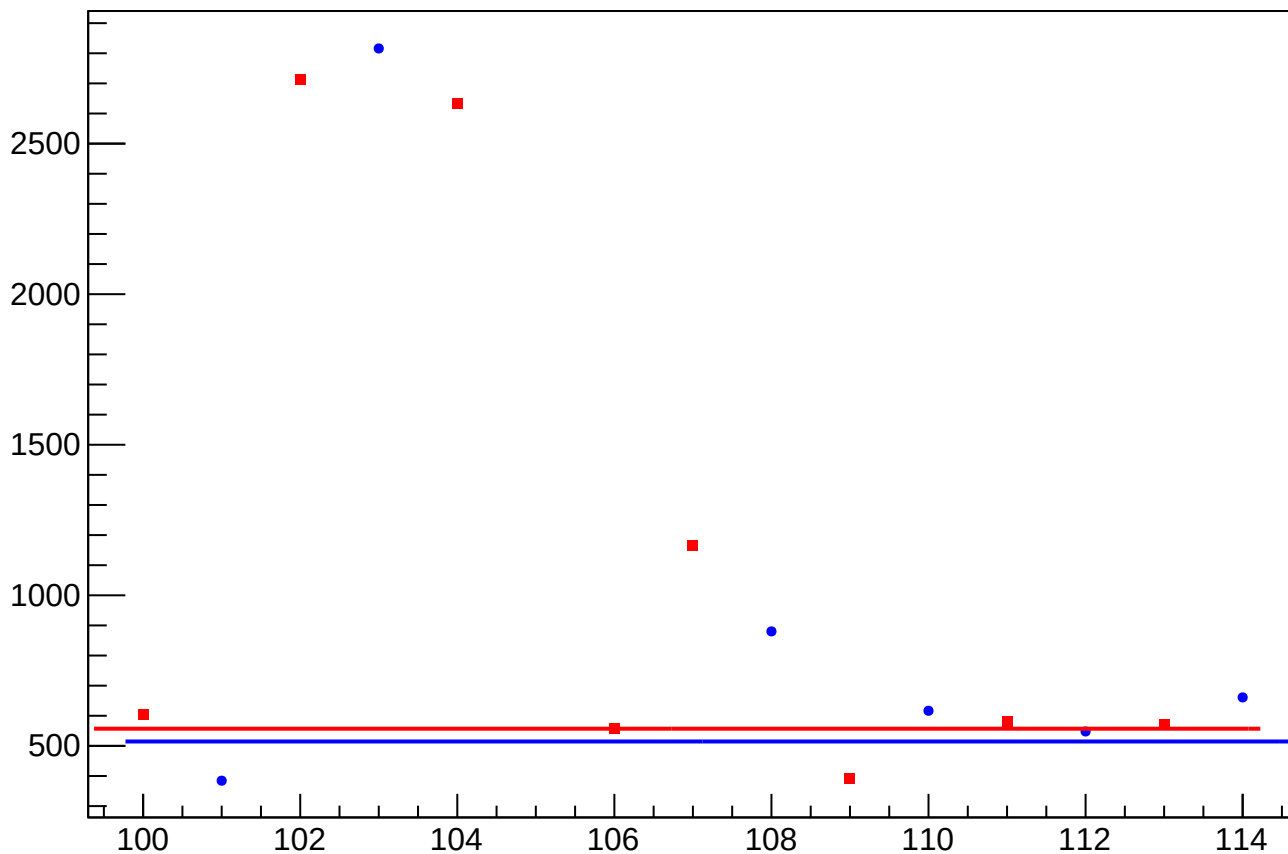
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.692 $\pm$ 258.296 χ^2 /NDF: 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug



Right In: 514.594 $\pm$ 0.254 χ^2 /NDF: 1122150.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 557.076 $\pm$ 0.263 χ^2 /NDF: 1757980.3/7

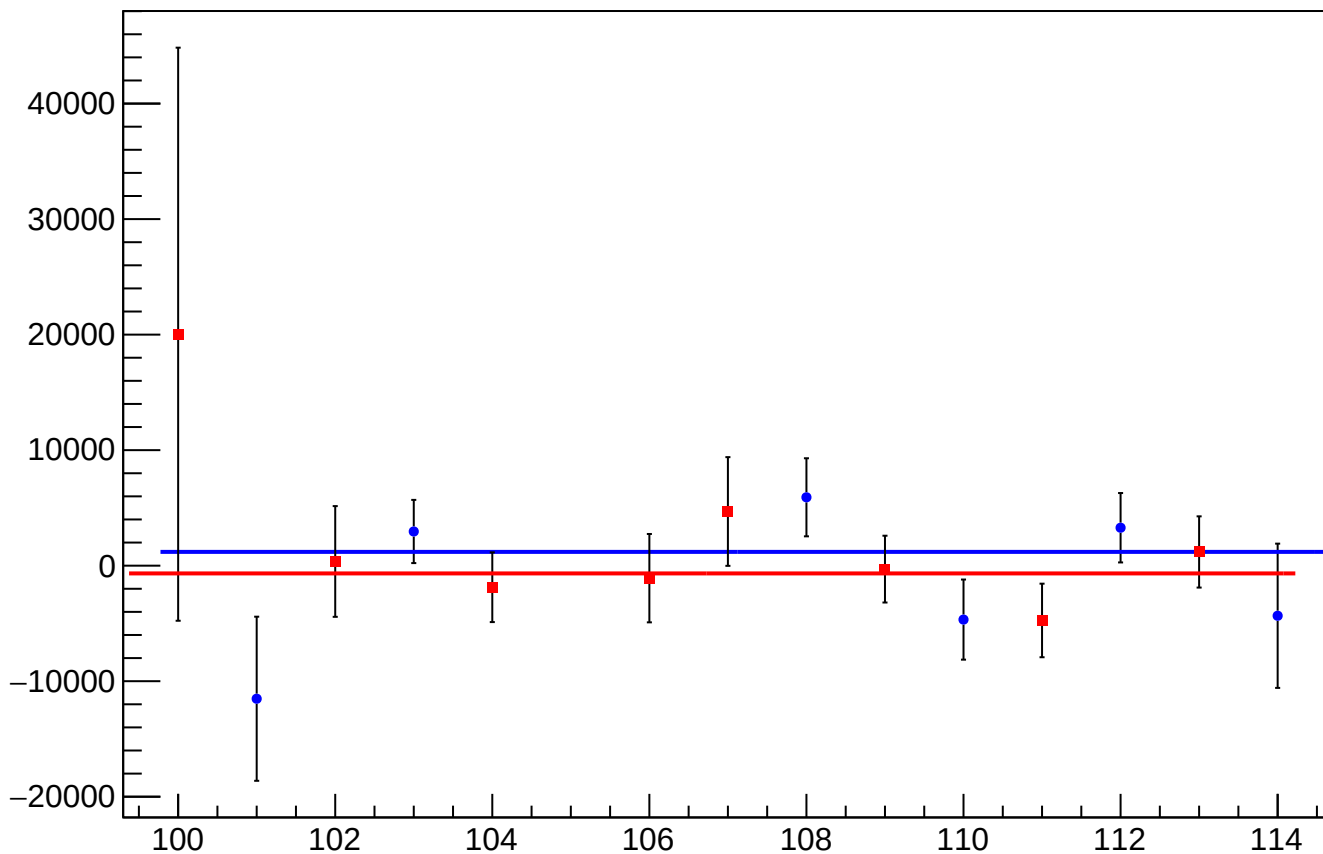
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 535.070 $\pm$ 0.183 χ^2 /NDF: 2893638.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 1193.231+/-1473.337 χ^2/NDF : 9.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -671.117+/-1299.697 χ^2/NDF : 4.2/7

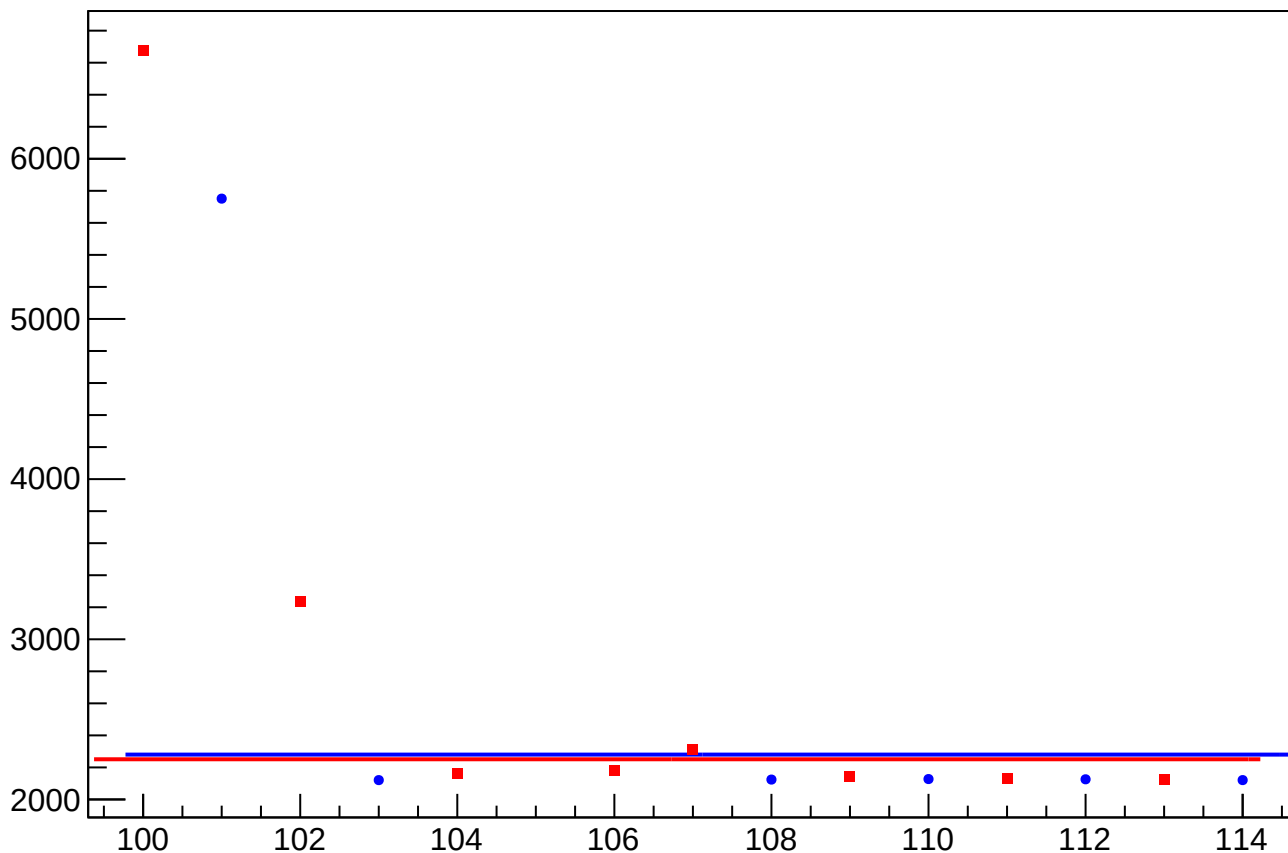
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.773+/-974.662 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2280.025+/-1.042 χ^2/NDF : 499099.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2250.880+/-0.919 χ^2/NDF : 160226.9/7

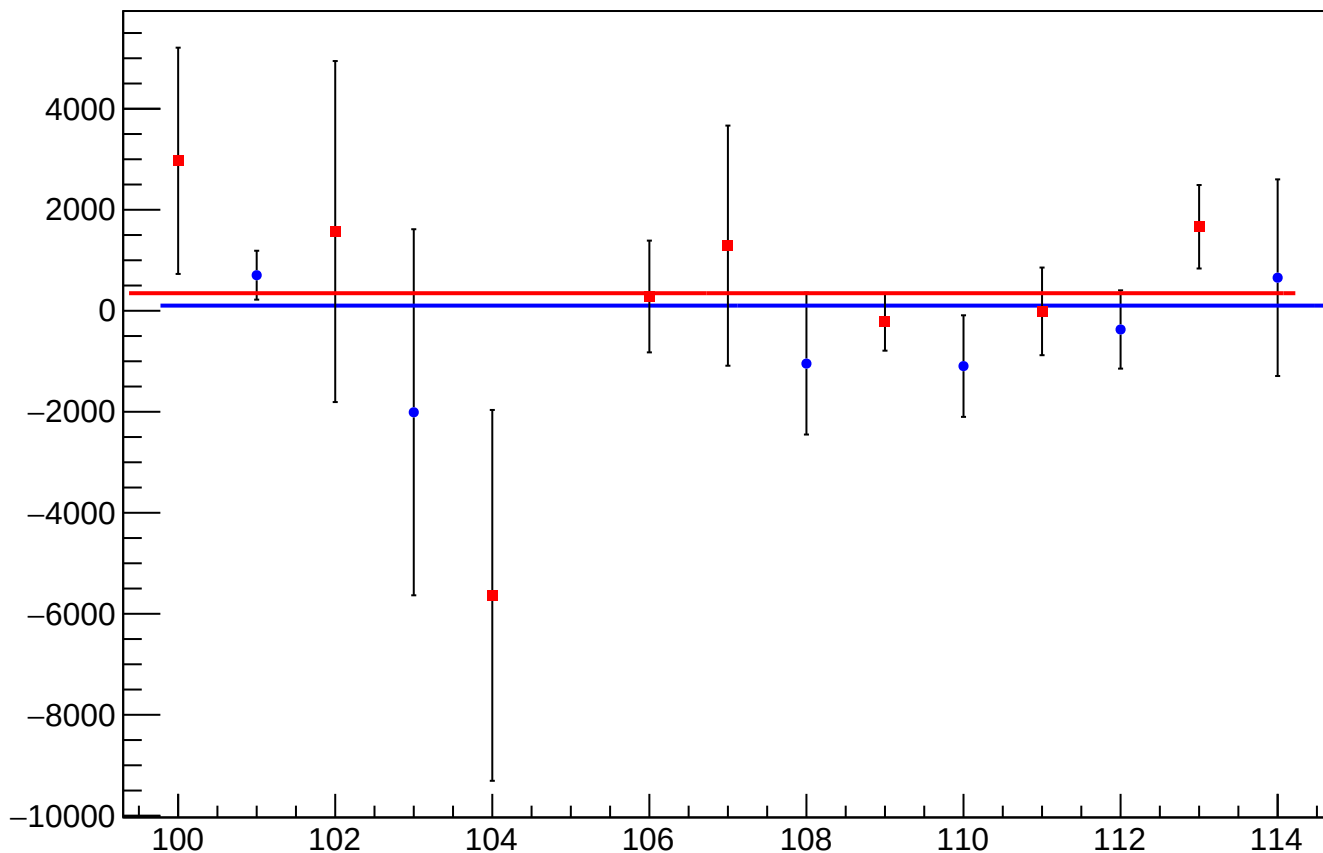
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.634+/-0.689 χ^2/NDF : 659766.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 102.343 $\pm$ 358.878 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 347.883 $\pm$ 372.047 χ^2 /NDF: 8.0/7

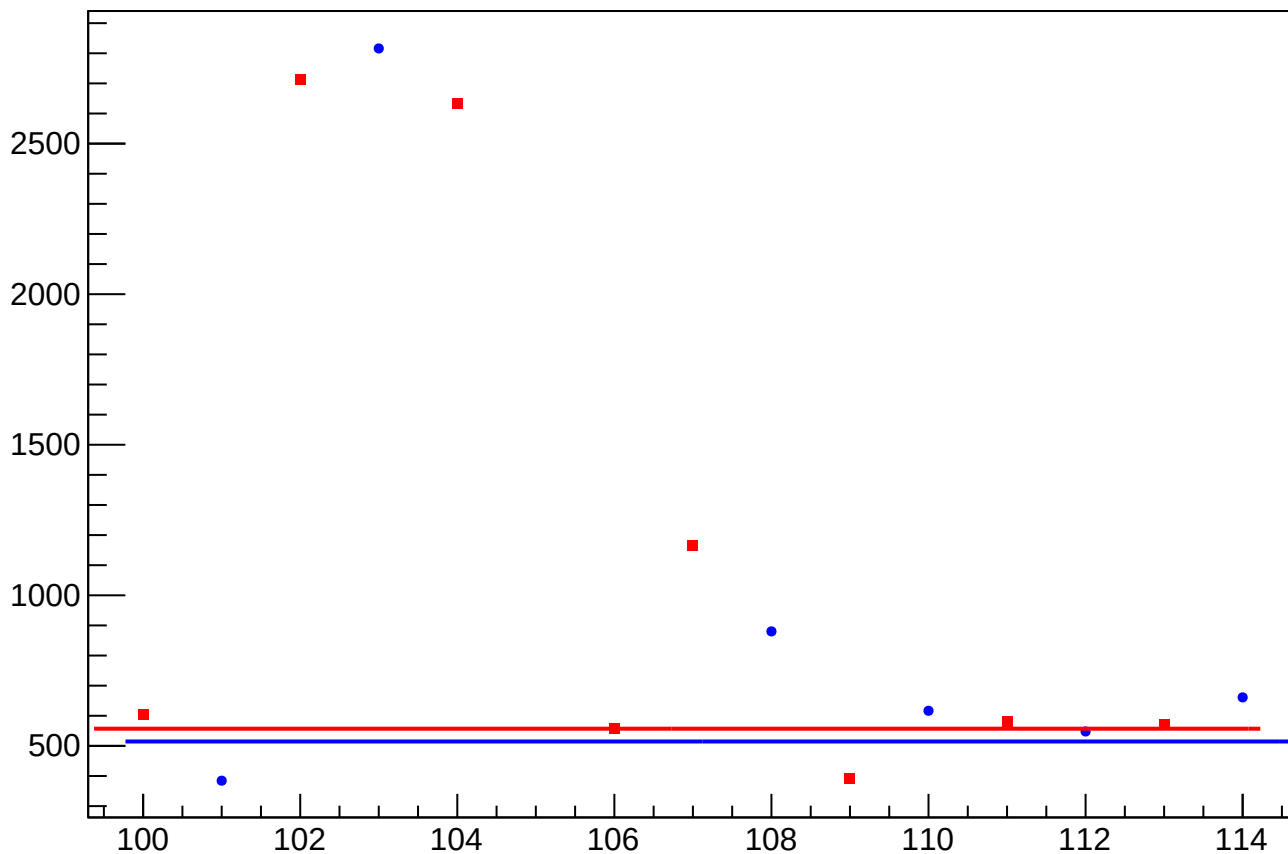
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.690 $\pm$ 258.295 χ^2 /NDF: 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 514.593 $\pm$ 0.254 χ^2 /NDF: 1122145.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 557.072 $\pm$ 0.263 χ^2 /NDF: 1757995.0/7

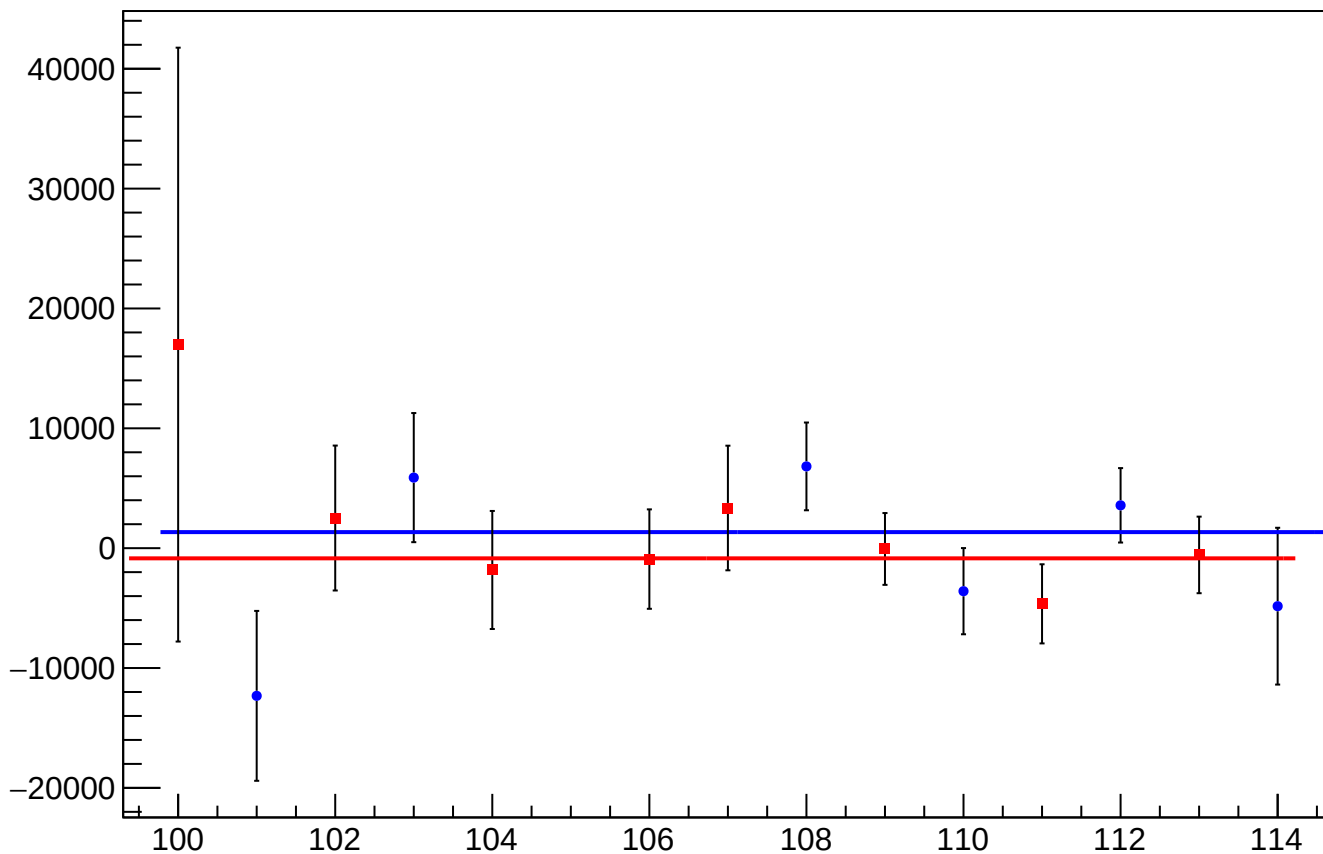
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 535.067 $\pm$ 0.183 χ^2 /NDF: 2893646.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 1340.126+/-1731.895 χ^2/NDF : 10.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -849.131+/-1464.043 χ^2/NDF : 2.9/7

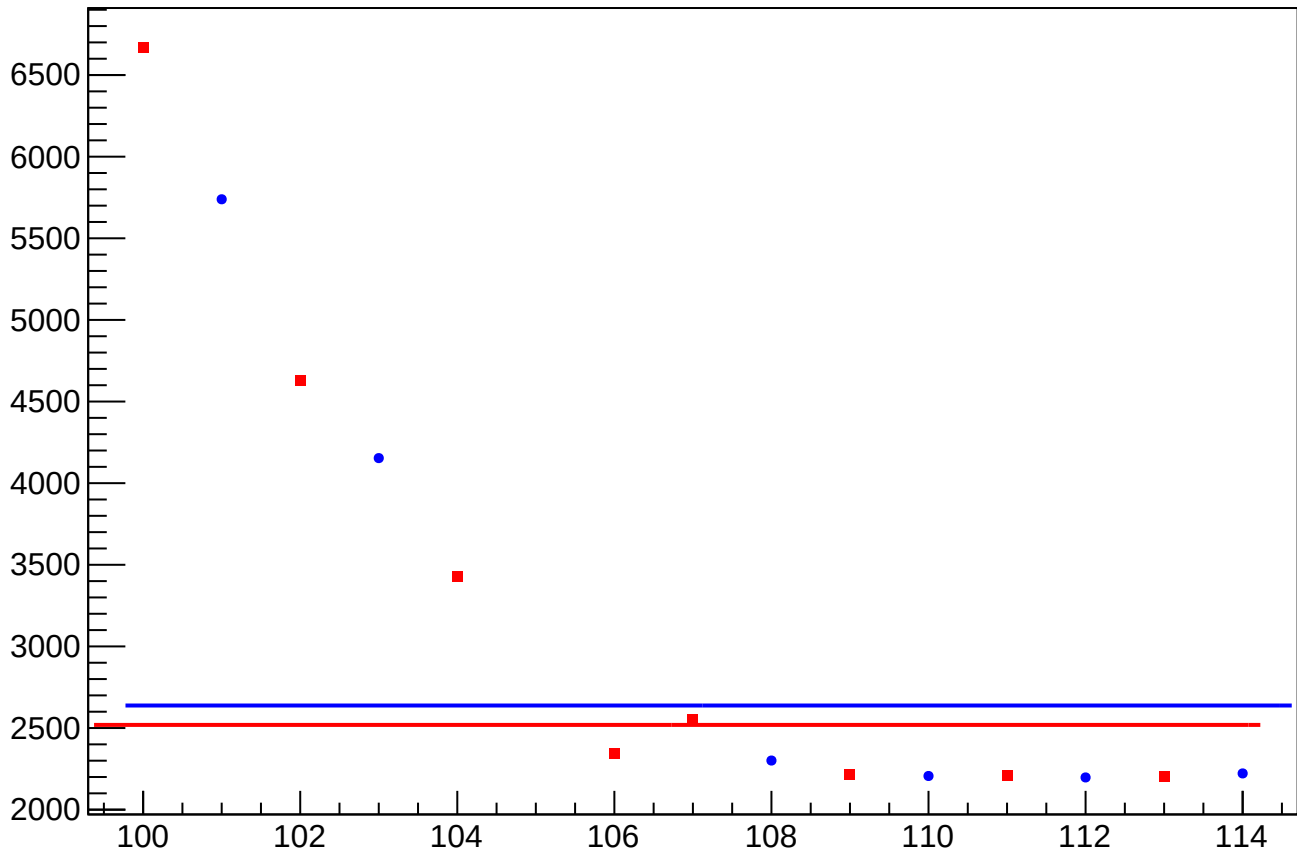
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.296+/-1118.078 χ^2/NDF : 13.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2638.026+/-1.225 χ^2/NDF : 635350.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2519.160+/-1.035 χ^2/NDF : 428931.0/7

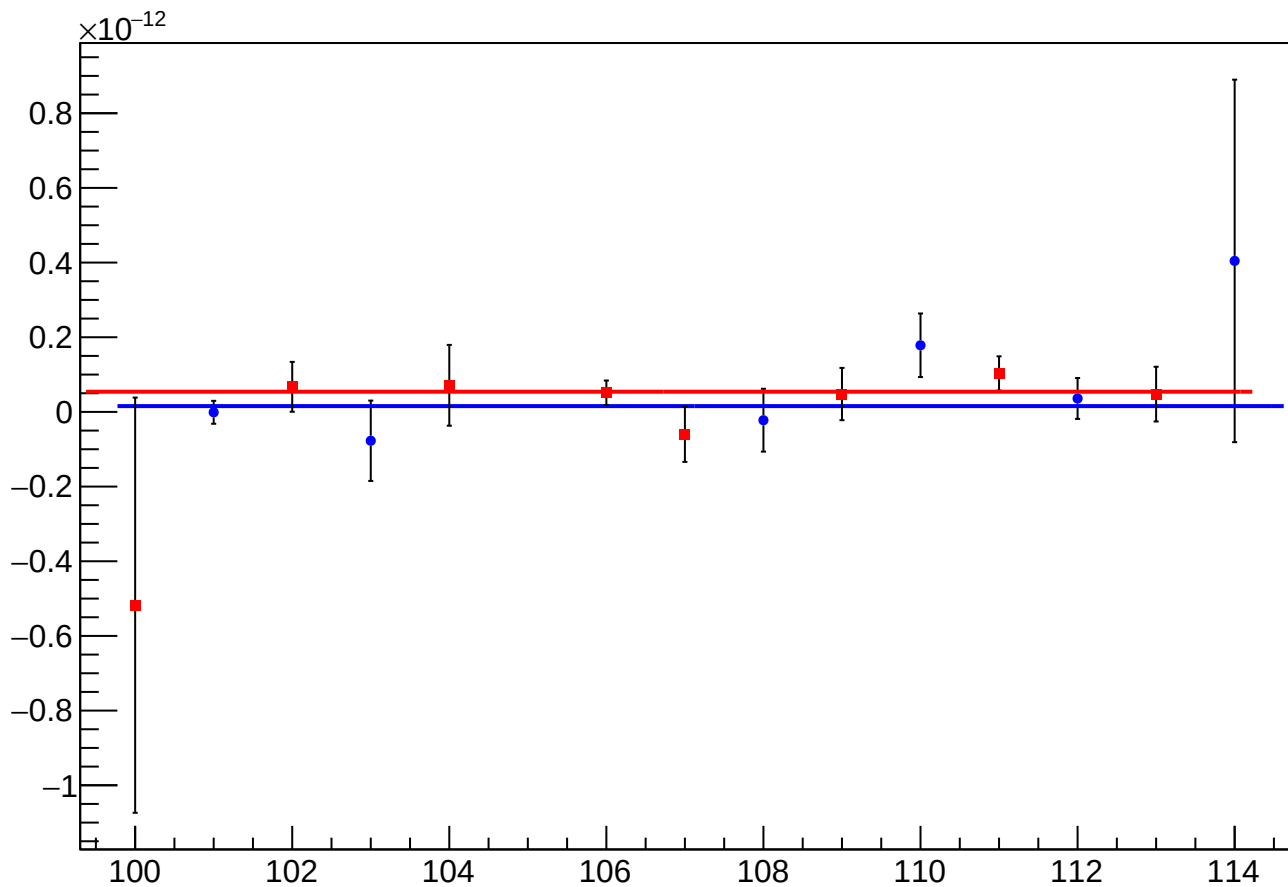
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2568.700+/-0.791 χ^2/NDF : 1069776.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/7

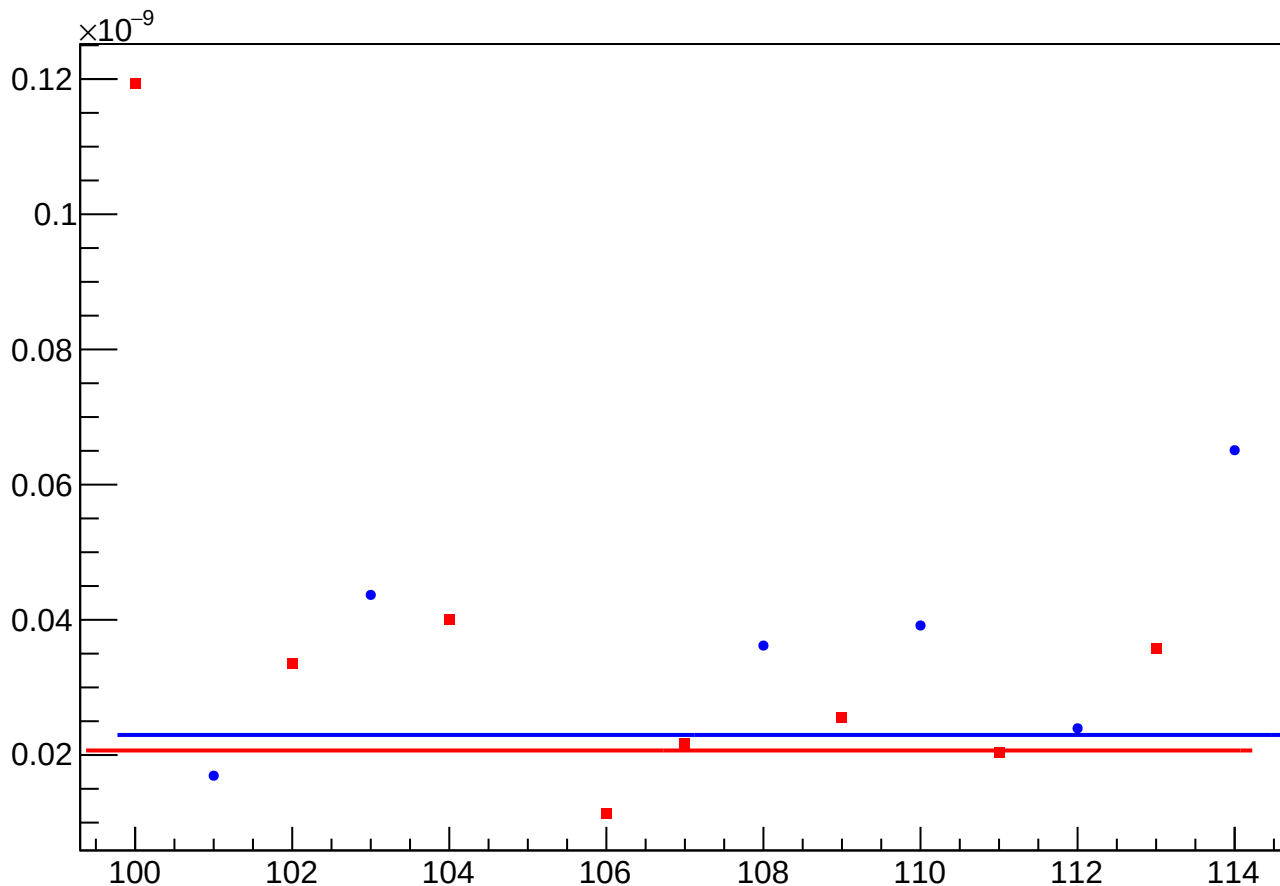
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 288596.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 458597.3/7

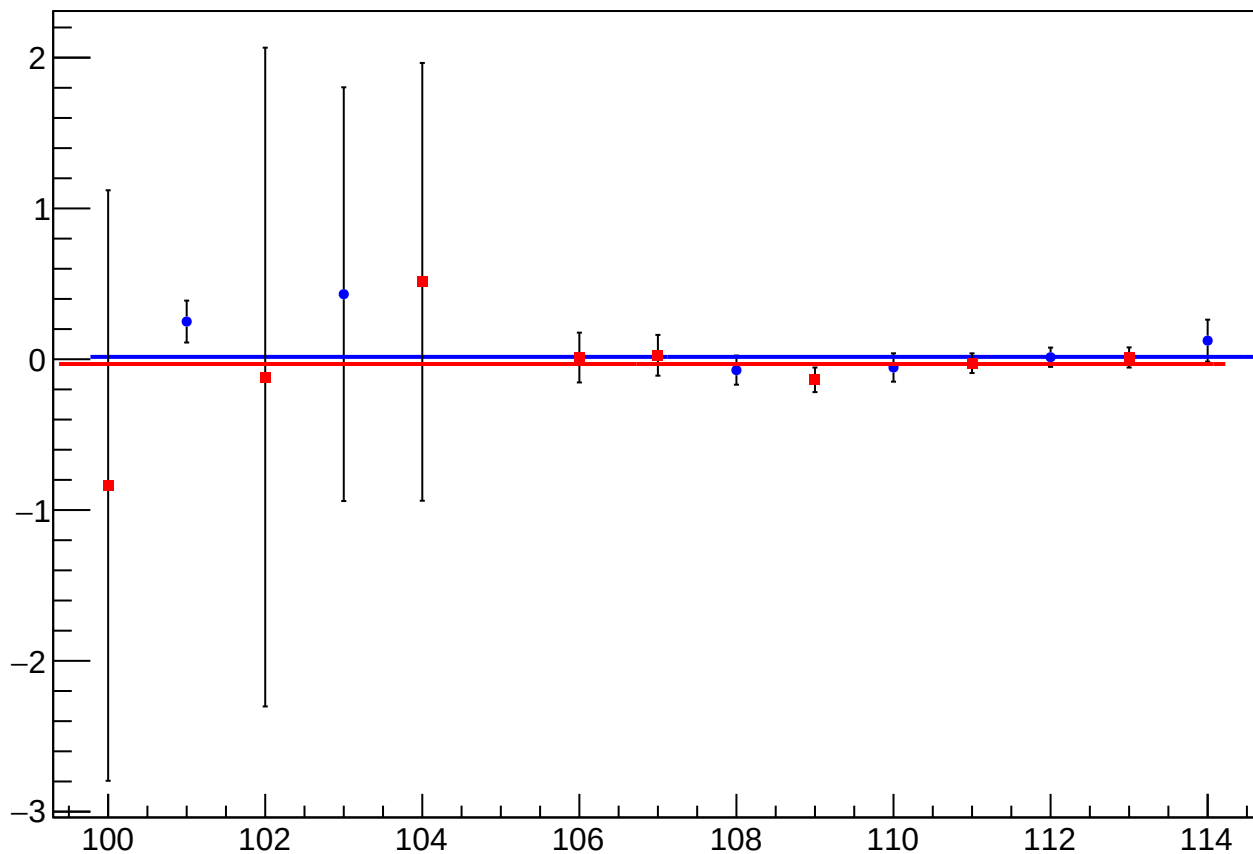
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 757745.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.042 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.038 χ^2 /NDF: 2.6/7

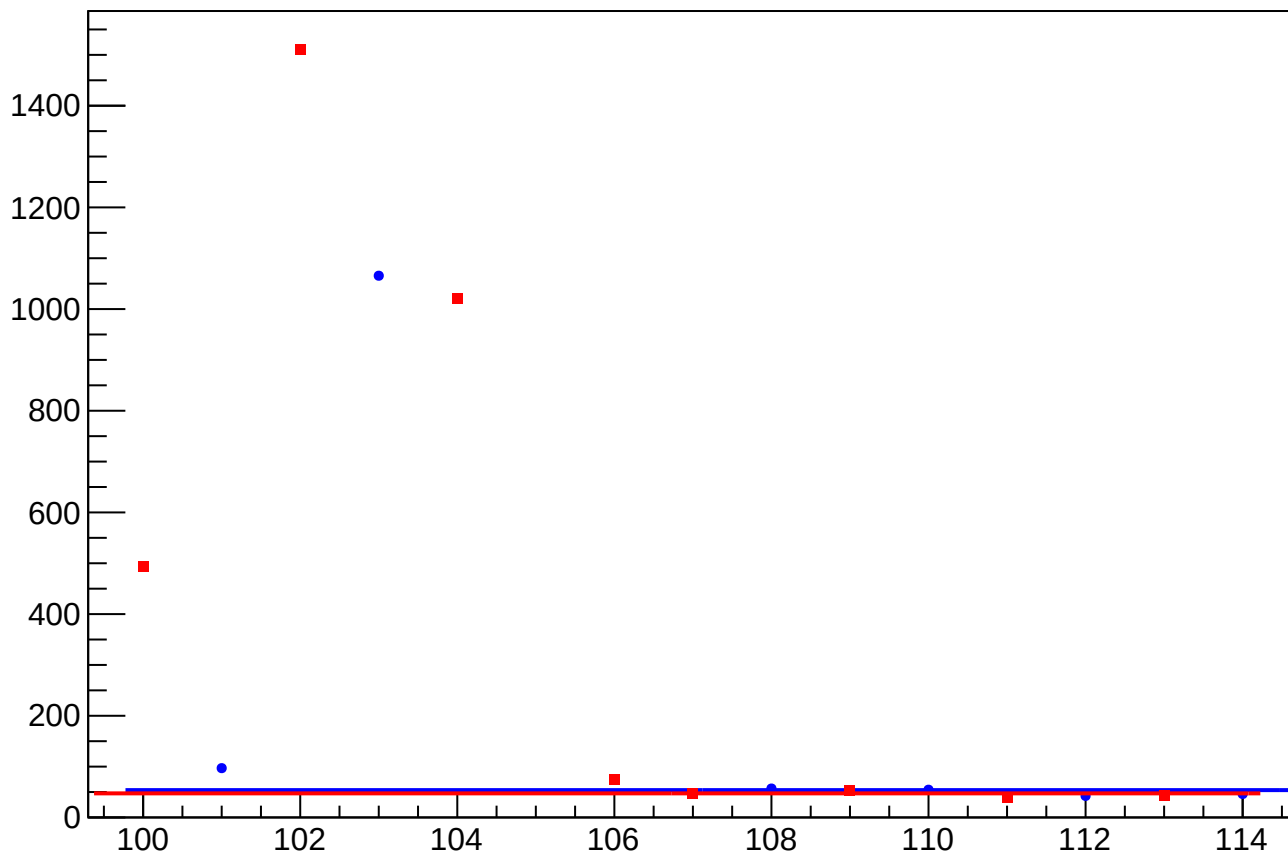
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.028 χ^2 /NDF: 8.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 53.773+/-0.030 χ^2/NDF : 1353852.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.377+/-0.027 χ^2/NDF : 2002611.4/7

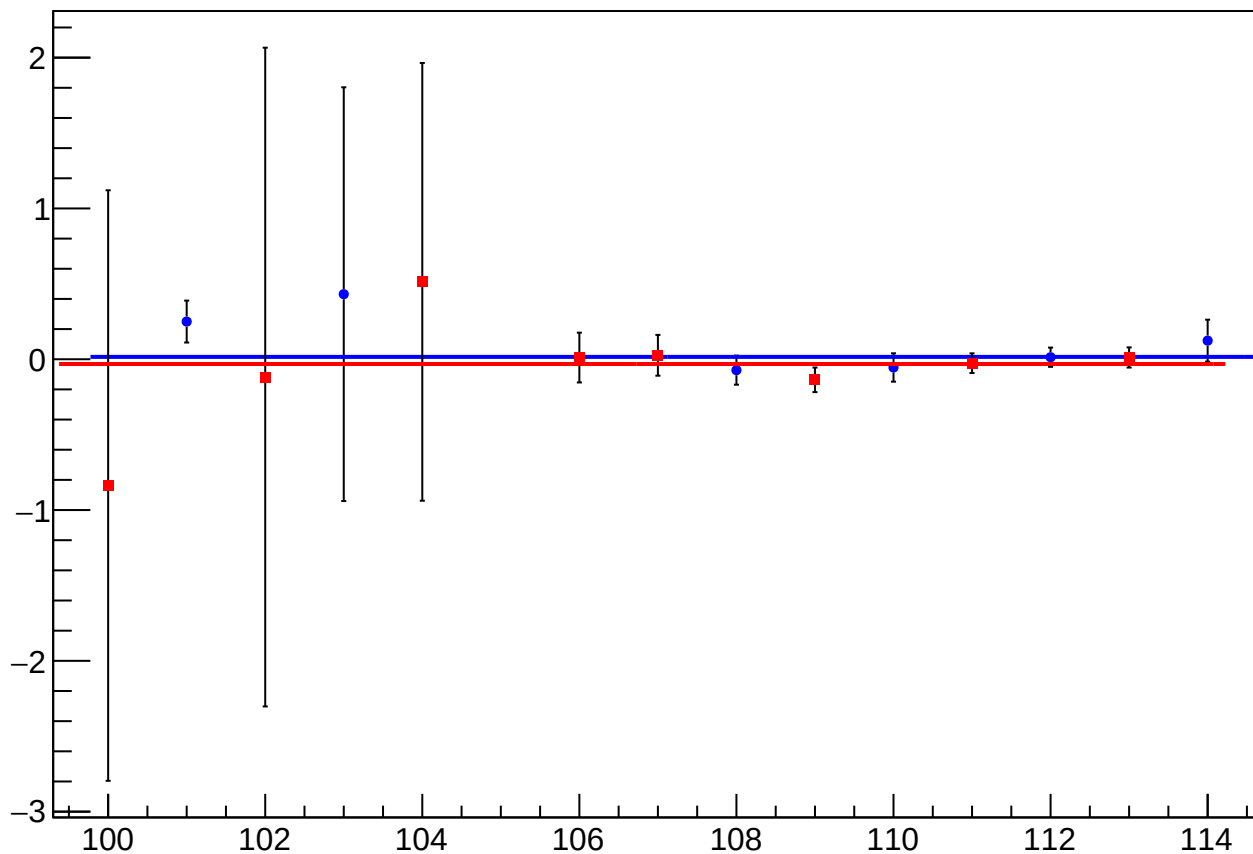
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.244+/-0.020 χ^2/NDF : 3382216.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.042 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.032 $\pm$ 0.038 χ^2 /NDF: 2.6/7

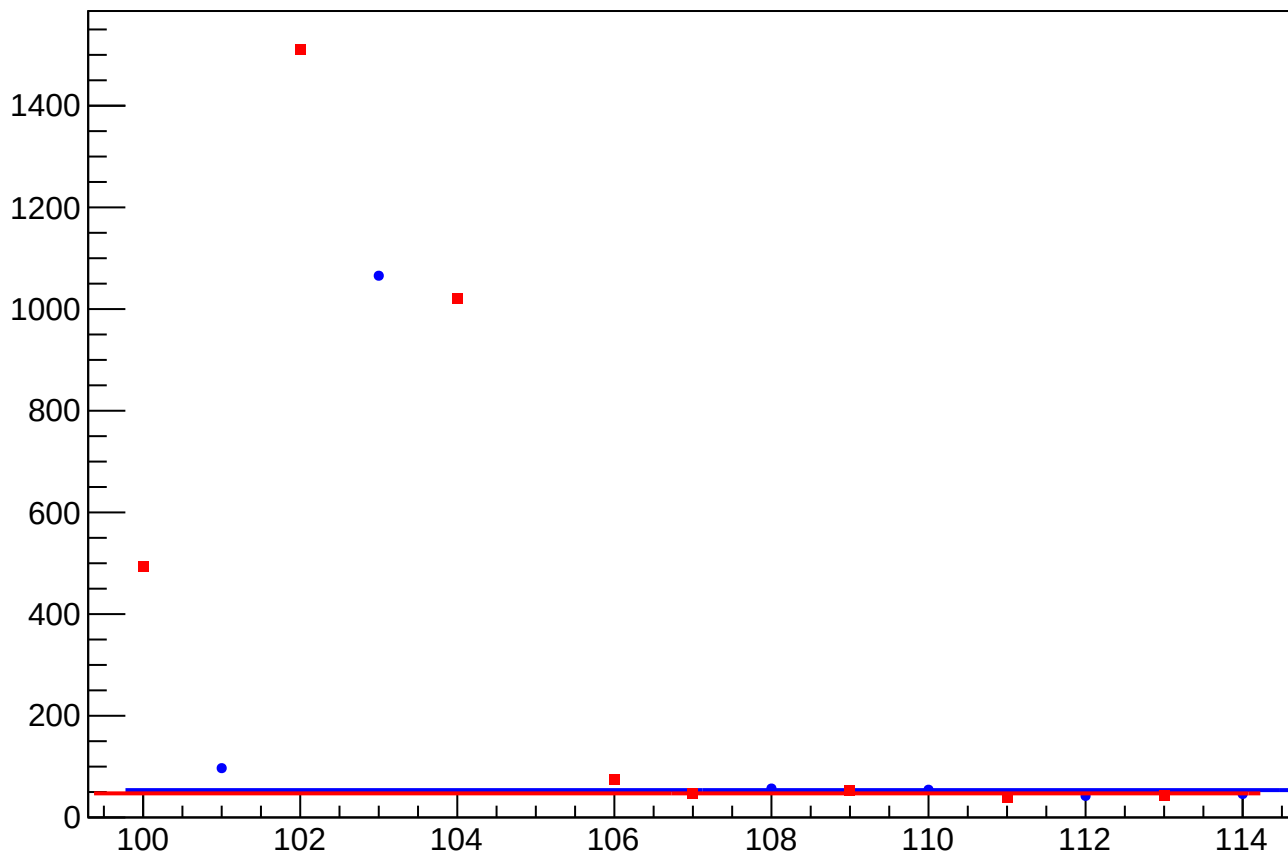
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.028 χ^2 /NDF: 8.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.773+/-0.030 χ^2/NDF : 1353852.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.377+/-0.027 χ^2/NDF : 2002611.4/7

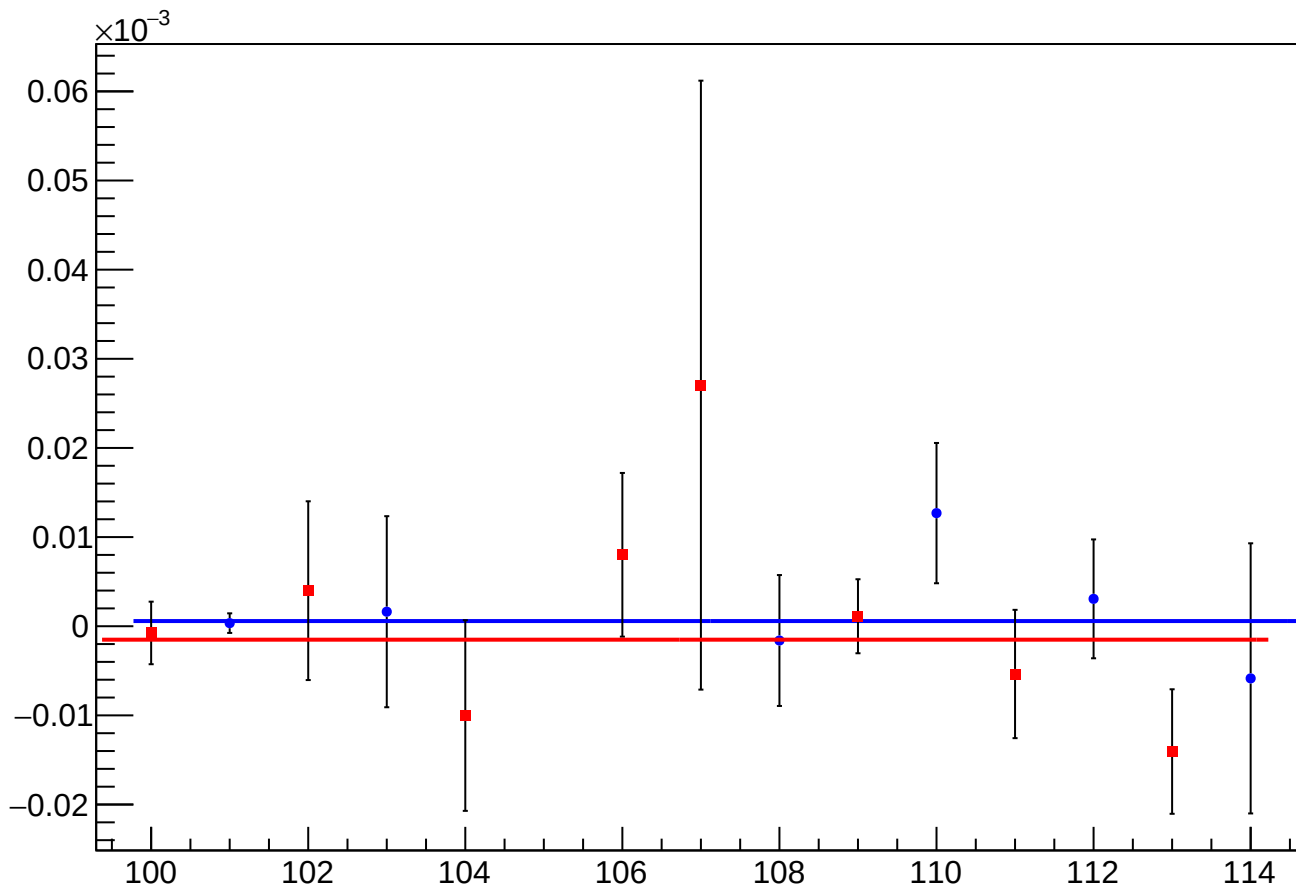
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.244+/-0.020 χ^2/NDF : 3382216.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 6.7/7

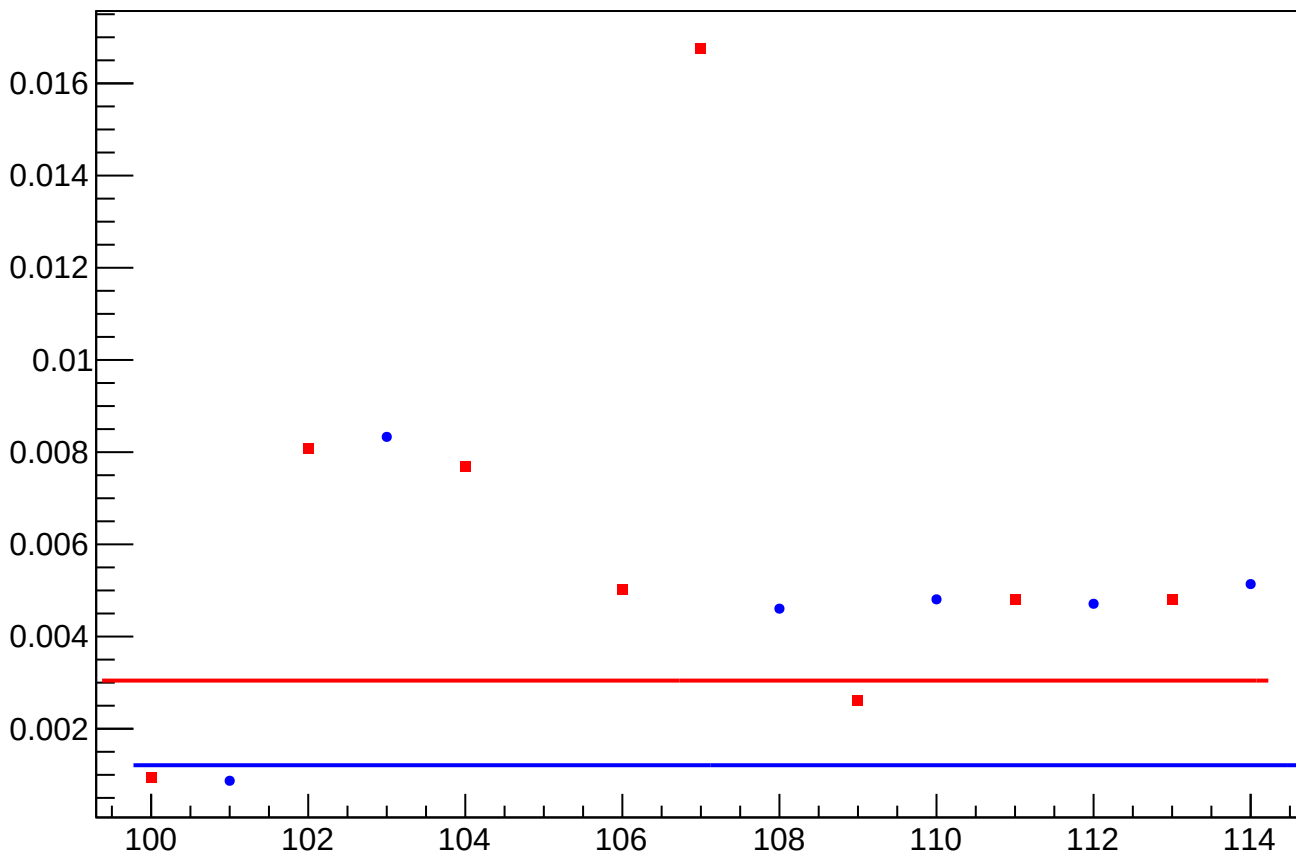
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2603977.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2280894.7/7

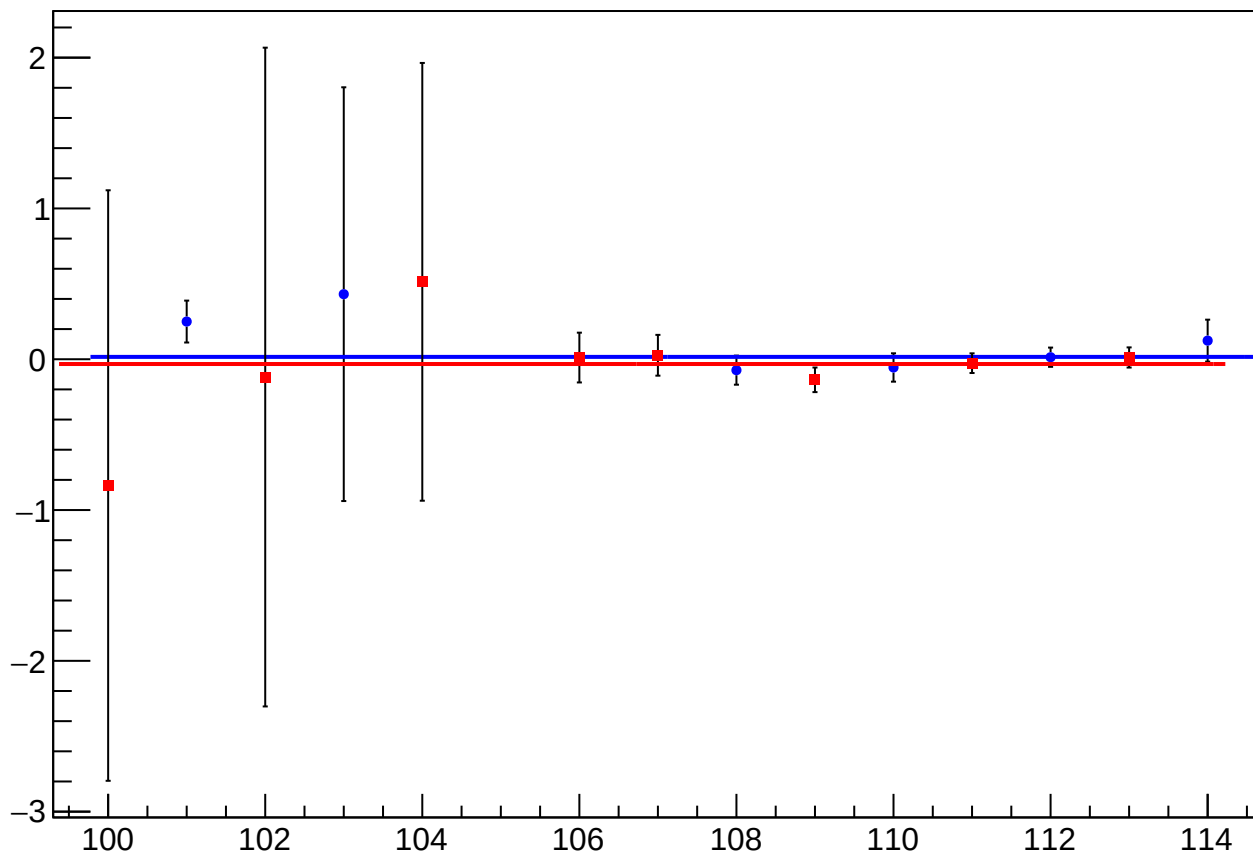
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6034309.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.042 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.032 $\pm$ 0.038 χ^2 /NDF: 2.6/7

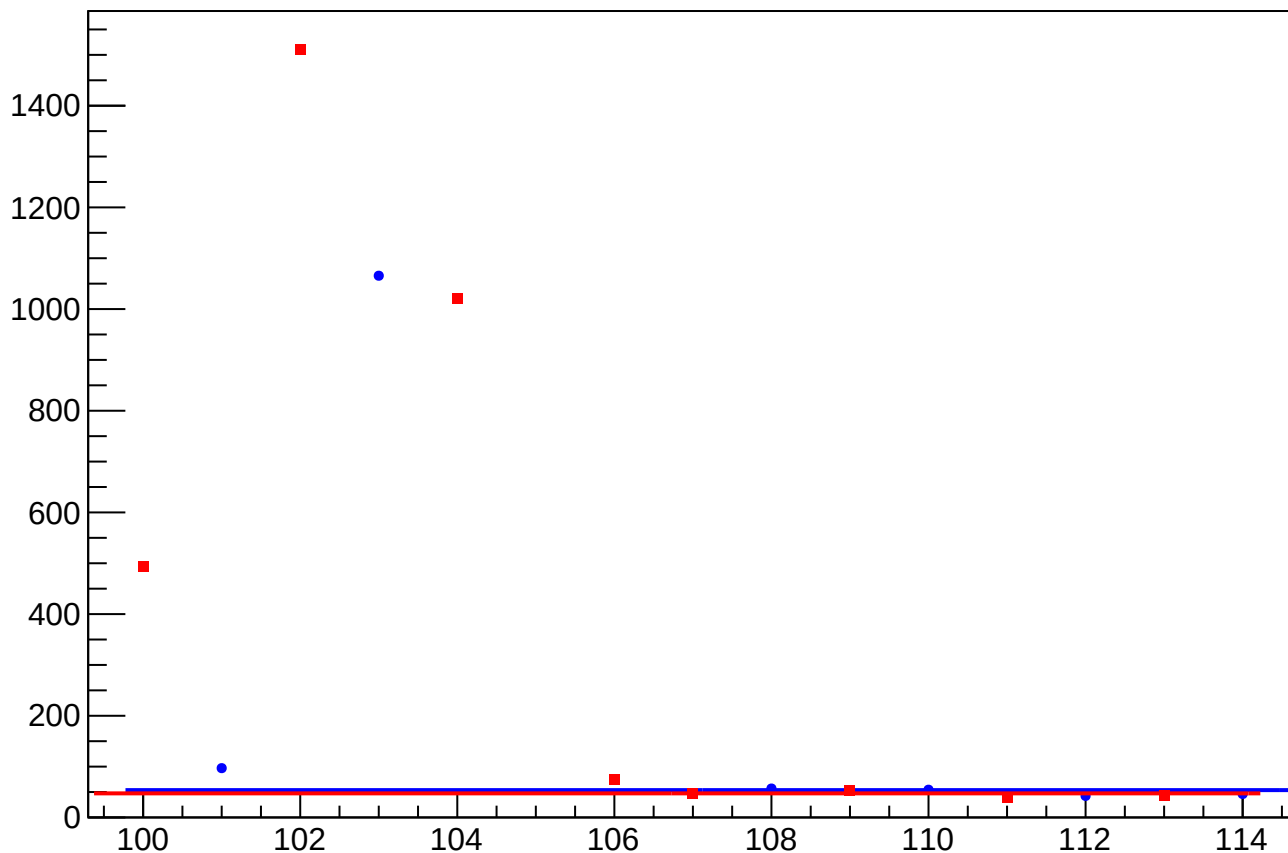
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.028 χ^2 /NDF: 8.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 53.774 $\pm$ 0.030 χ^2 /NDF: 1353839.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.377 $\pm$ 0.027 χ^2 /NDF: 2002608.7/7

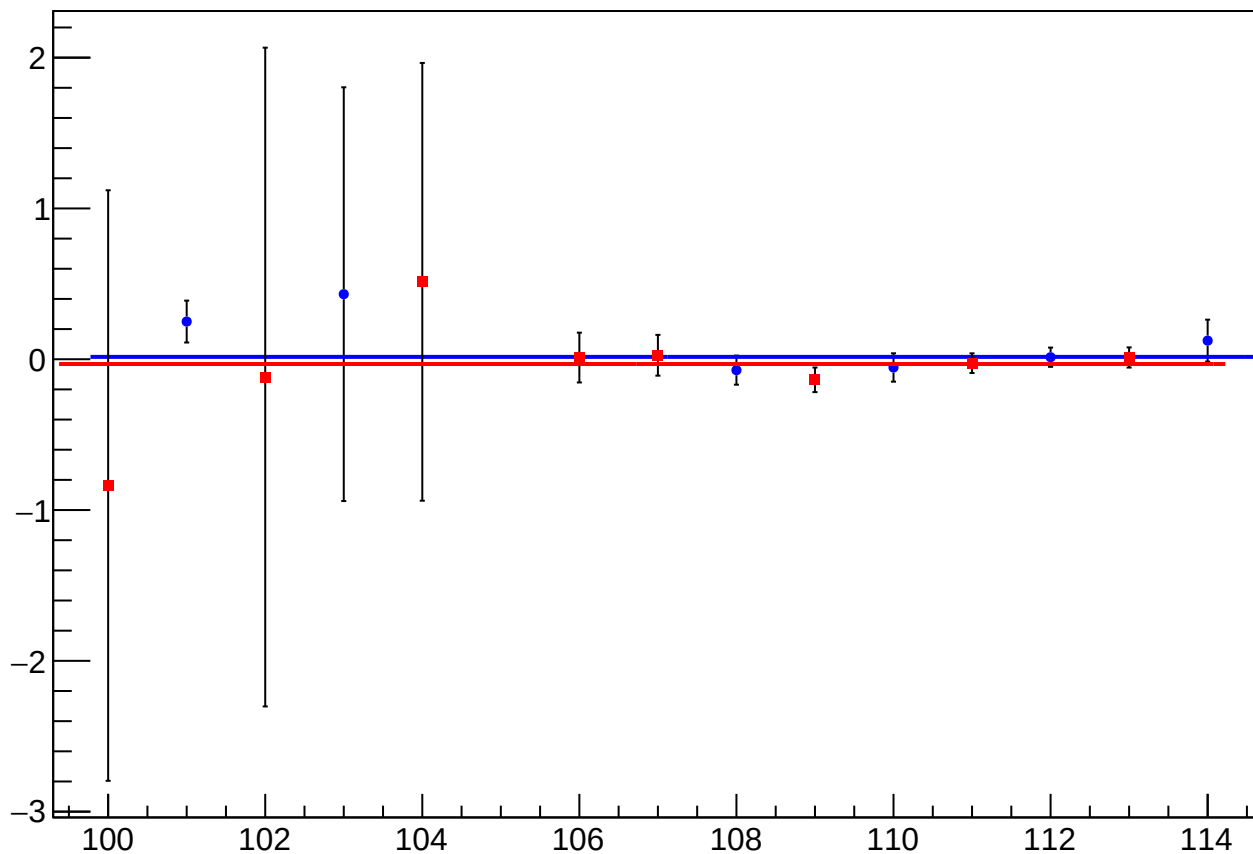
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.245 $\pm$ 0.020 χ^2 /NDF: 3382205.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.042 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.032 $\pm$ 0.038 χ^2 /NDF: 2.6/7

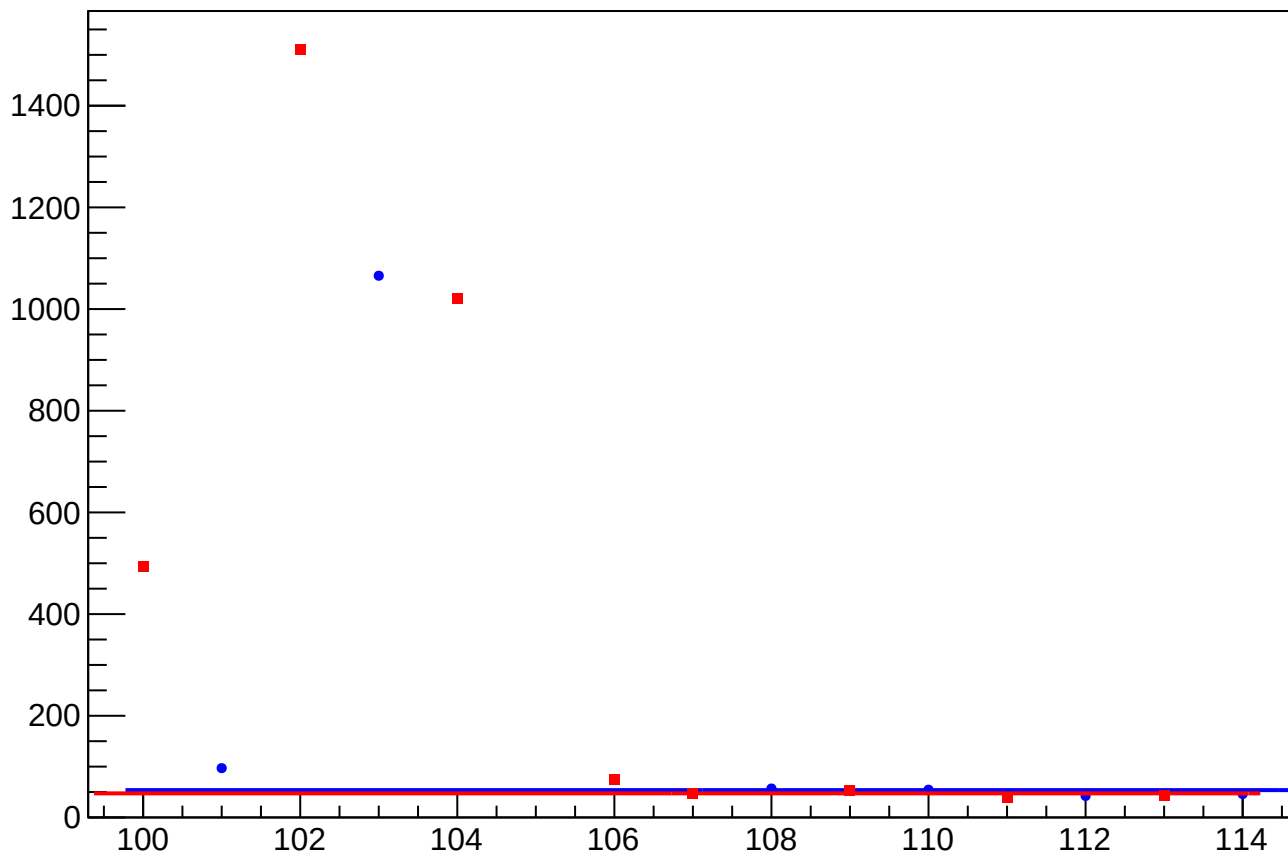
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.028 χ^2 /NDF: 8.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.774+/-0.030 χ^2/NDF : 1353839.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.377+/-0.027 χ^2/NDF : 2002608.7/7

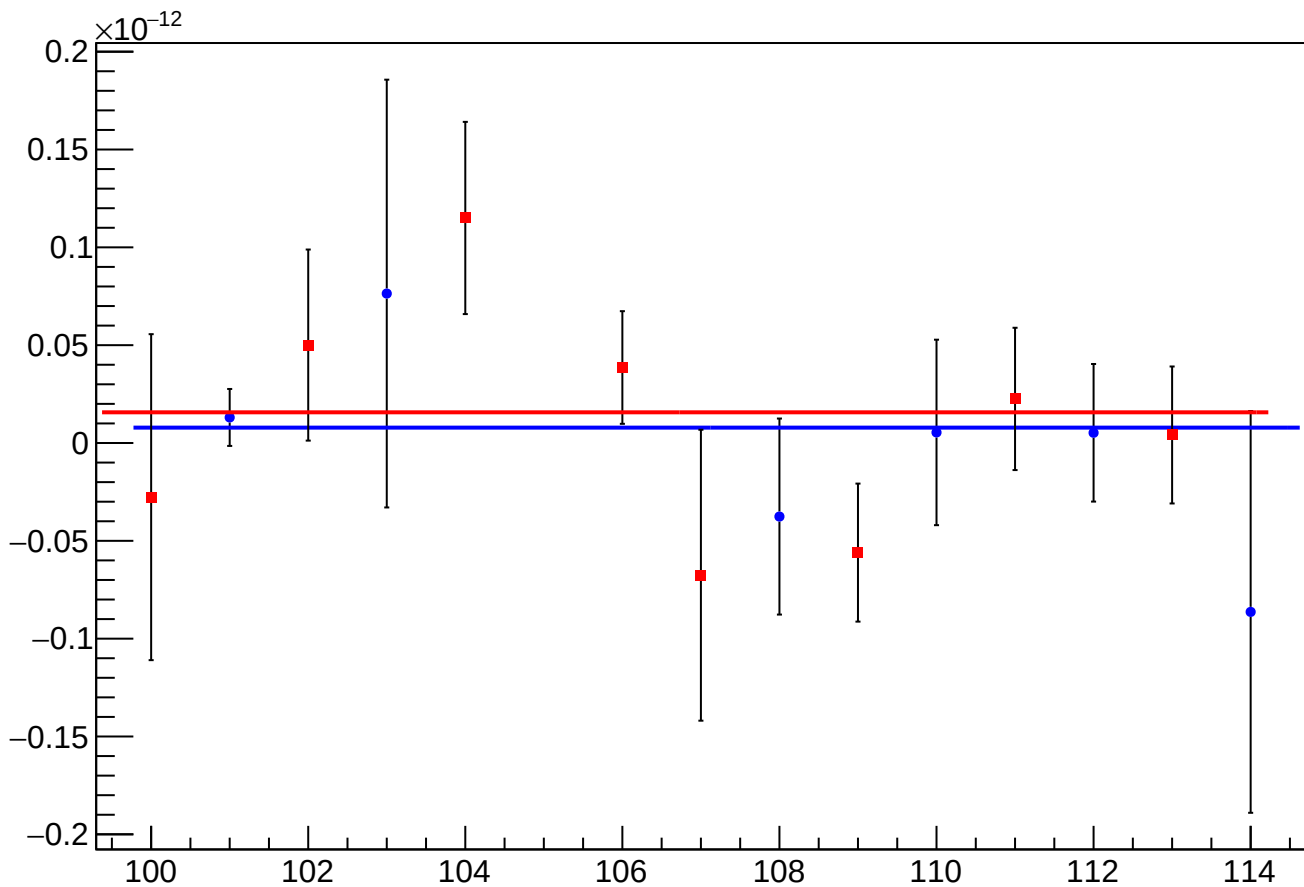
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.245+/-0.020 χ^2/NDF : 3382205.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/7

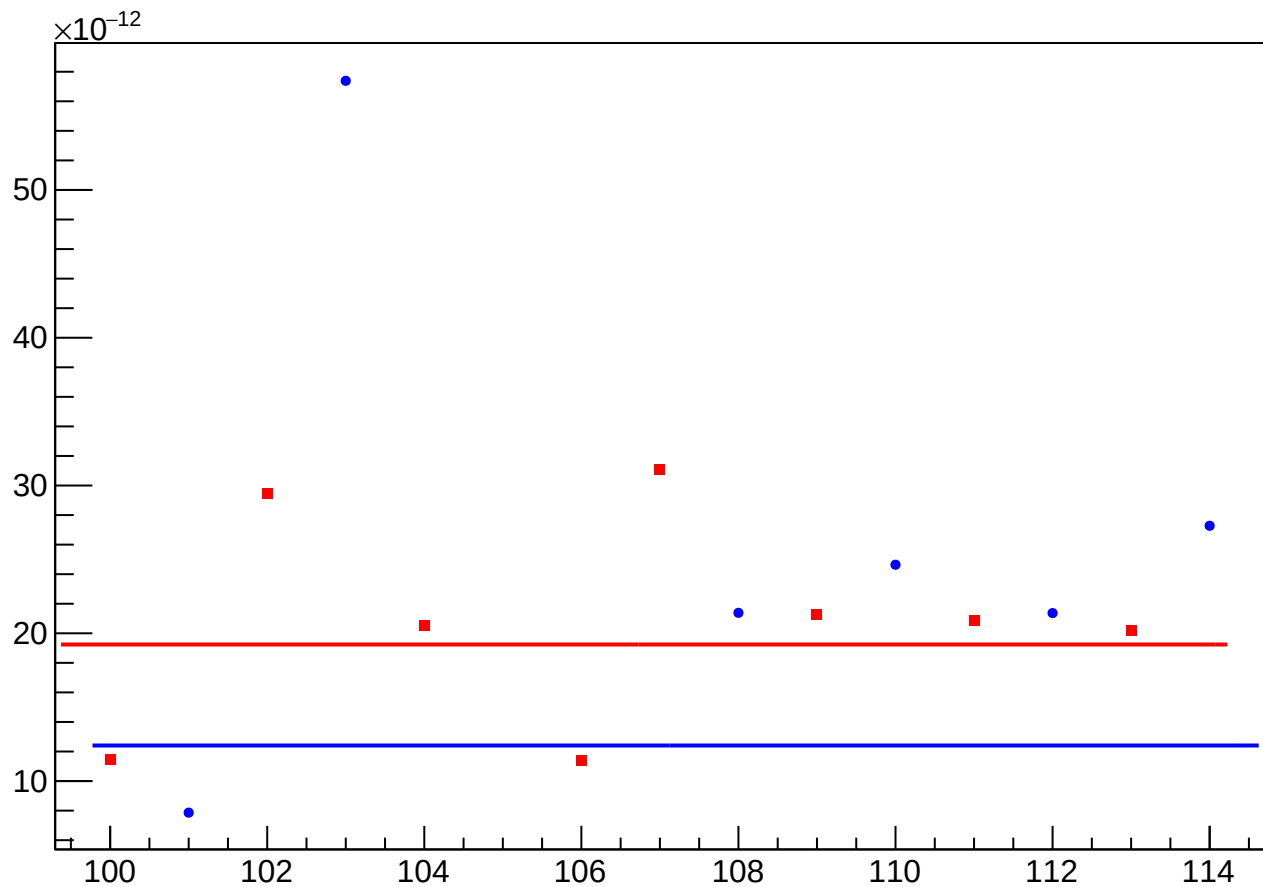
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 902750.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 318607.6/7

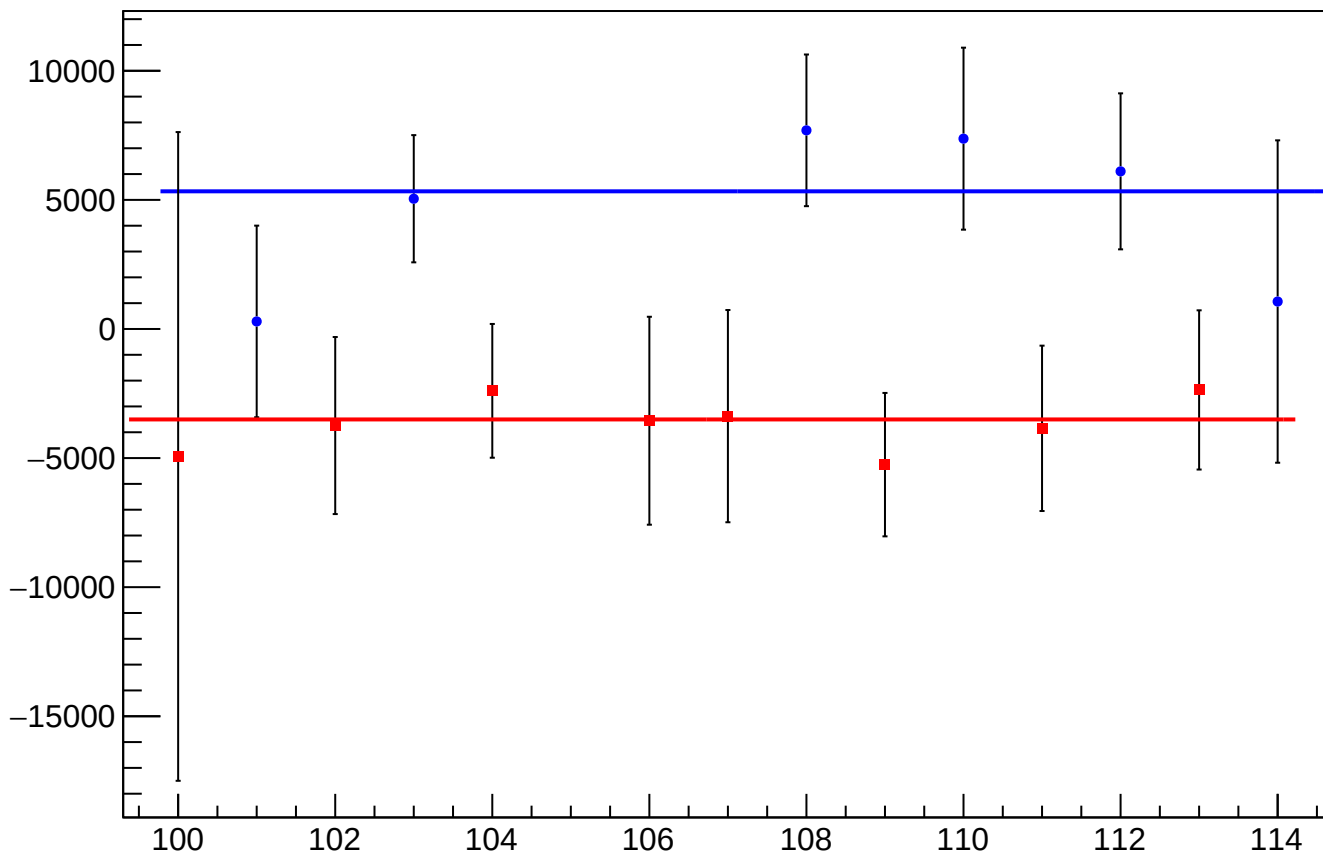
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1478326.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5331.719+/-1325.697 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3503.706+/-1200.755 χ^2/NDF : 0.7/7

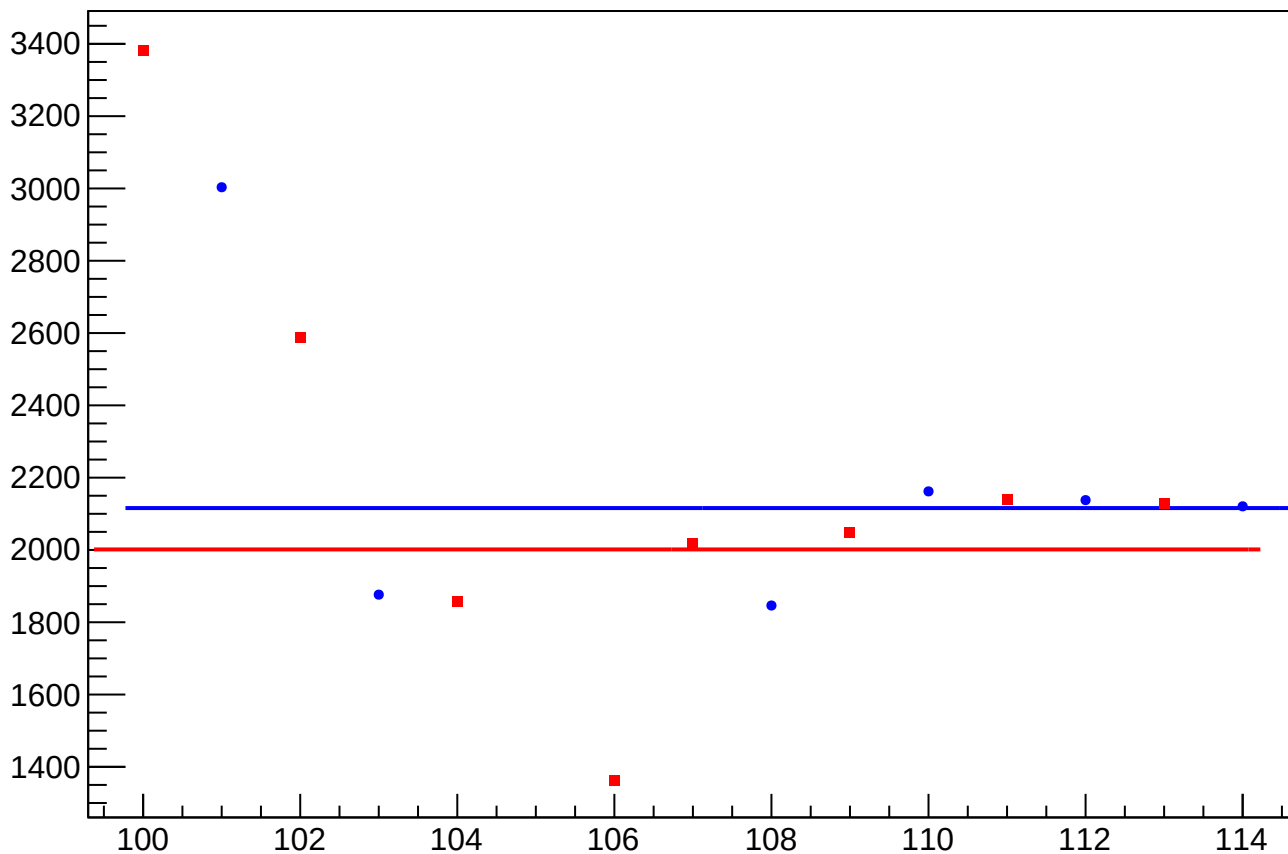
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.131+/-889.964 χ^2/NDF : 28.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2115.864+/-0.937 χ^2/NDF : 150592.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

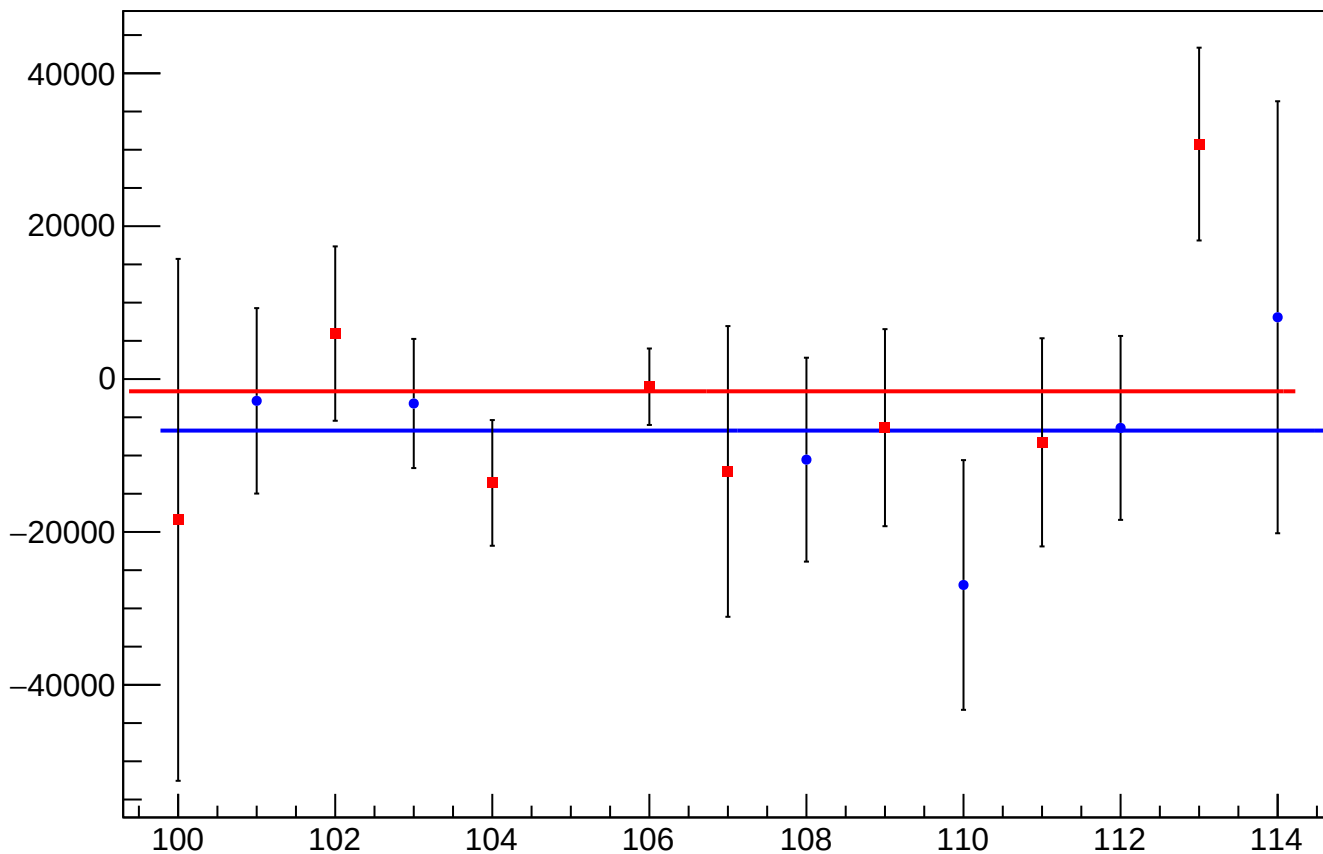
Right Out: 2001.430+/-0.820 χ^2/NDF : 187221.4/7

All: 2051.048+/-0.617 χ^2/NDF : 346254.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug



Right In: -6737.989+/-5107.013 χ^2/NDF : 2.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1599.788+/-3454.324 χ^2/NDF : 10.1/7

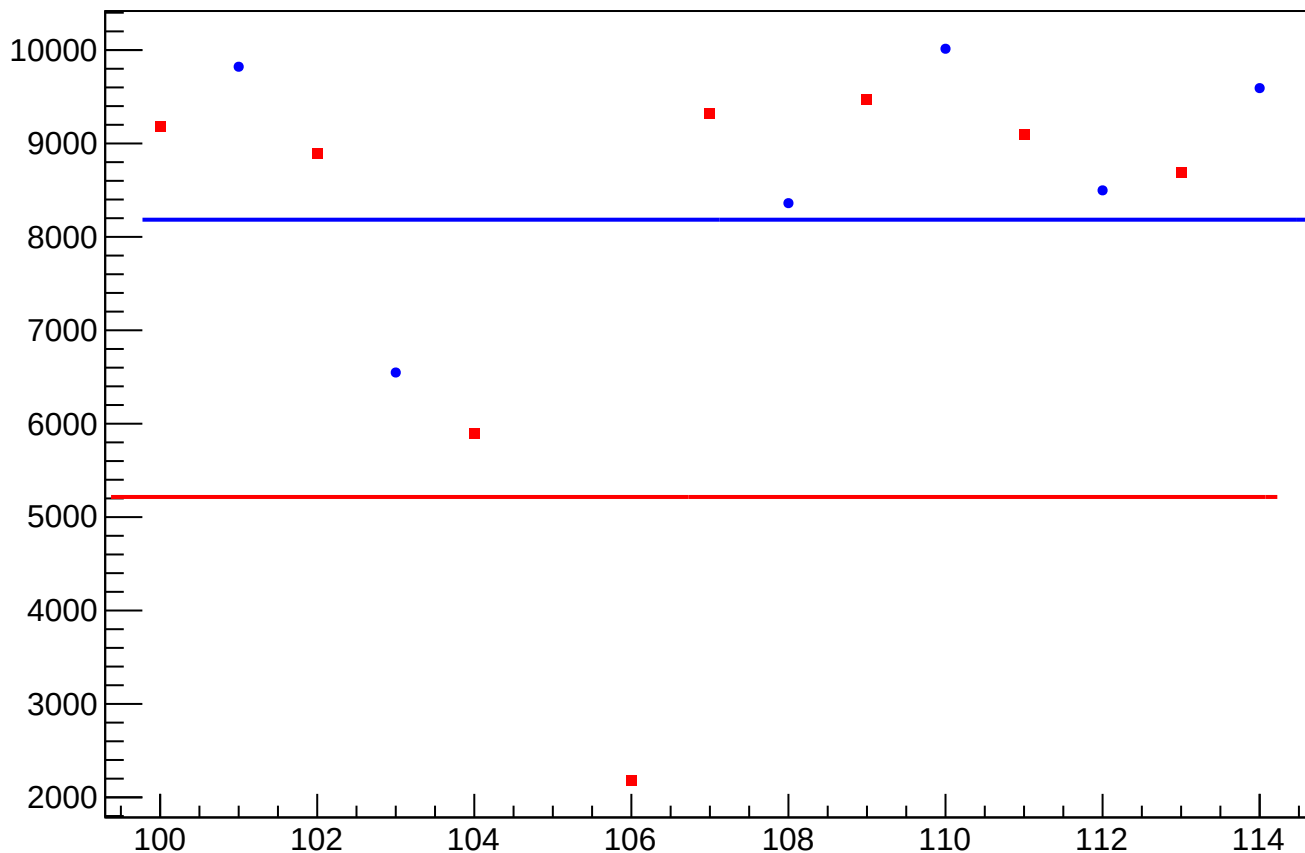
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3212.640+/-2861.268 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 8183.989+/-3.611 χ^2 /NDF: 143254.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5215.667+/-2.443 χ^2 /NDF: 1610309.9/7

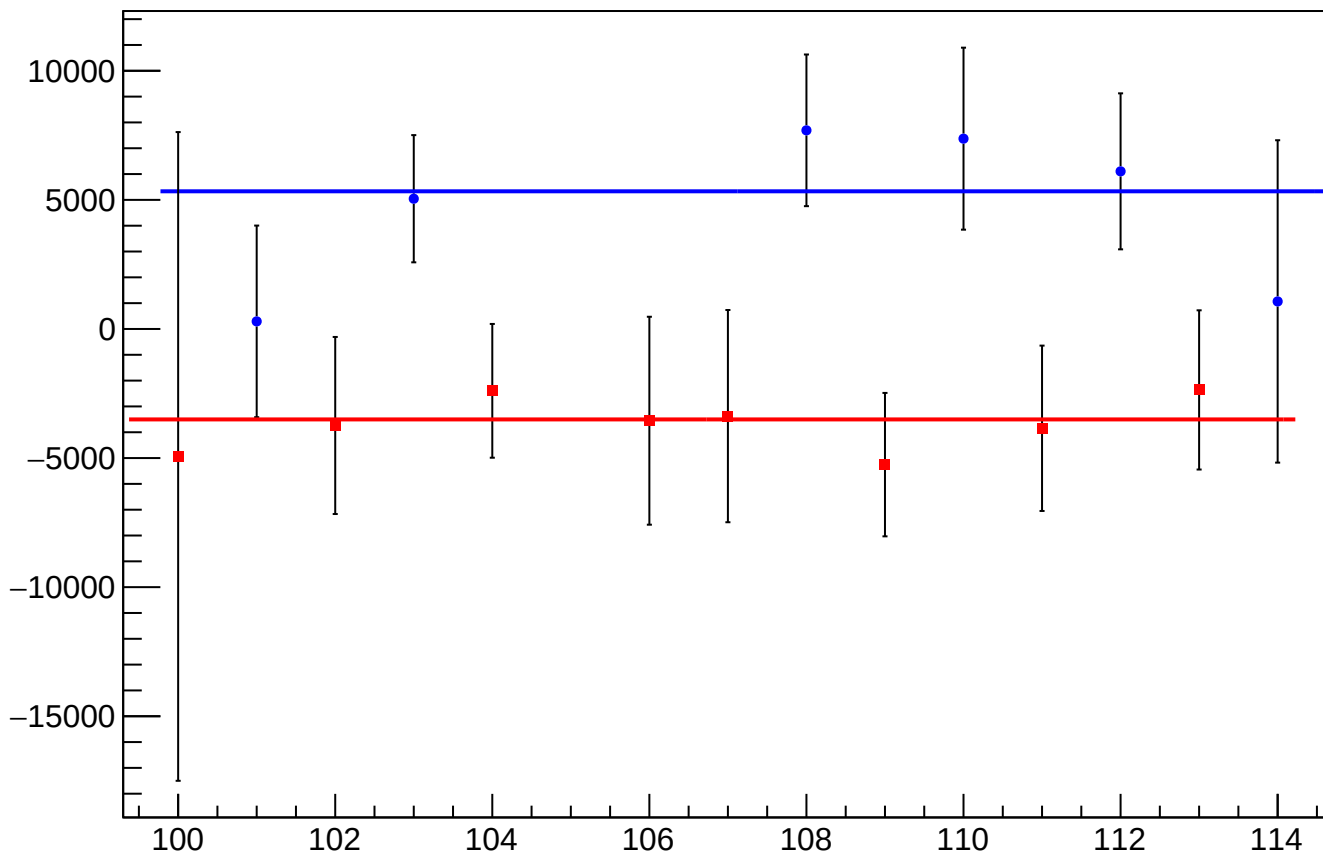
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6147.406+/-2.023 χ^2 /NDF: 2217127.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5332.118 $\pm$ 1325.697 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3503.312 $\pm$ 1200.756 χ^2 /NDF: 0.7/7

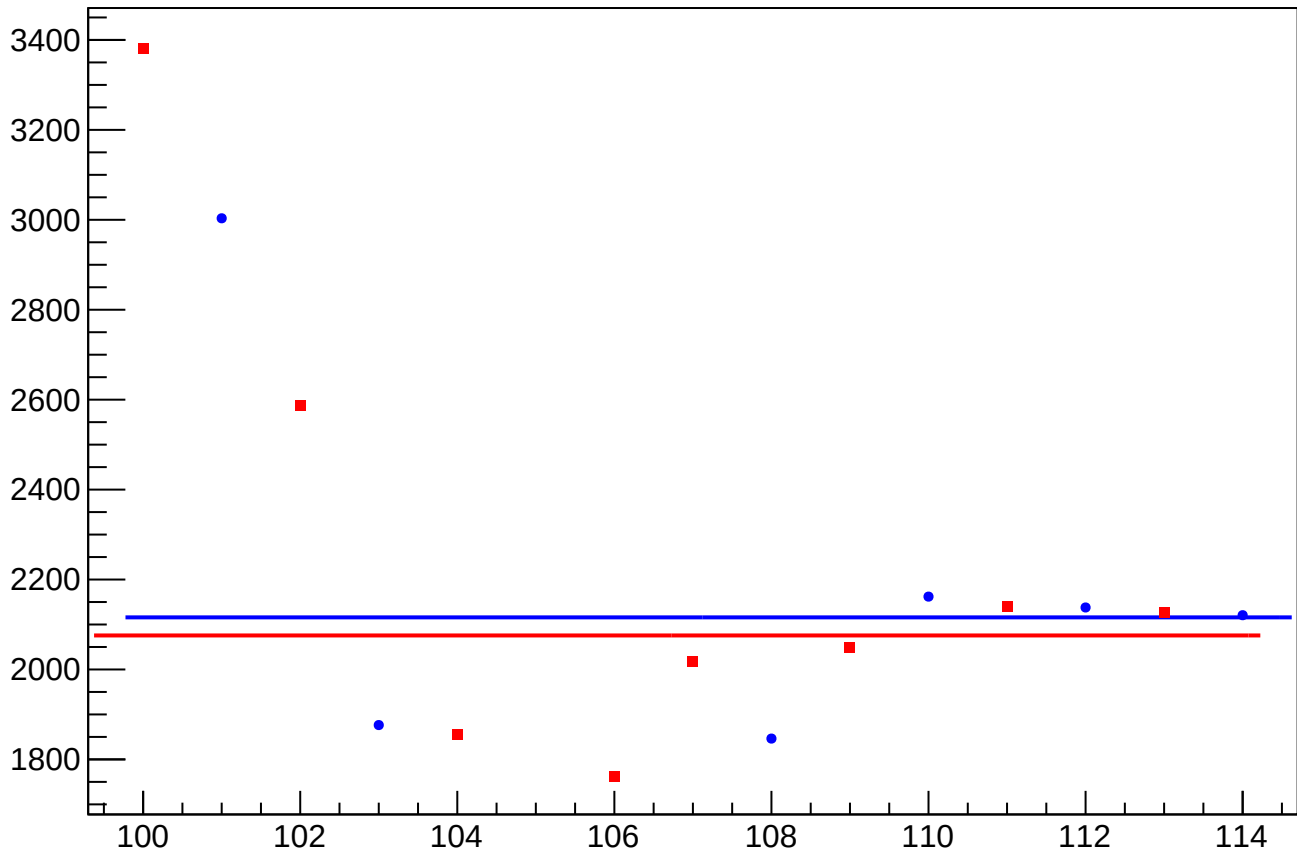
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 478.527 $\pm$ 889.964 χ^2 /NDF: 28.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2115.864 $\pm$ 0.937 χ^2 /NDF: 150592.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2075.643 $\pm$ 0.840 χ^2 /NDF: 97607.1/7

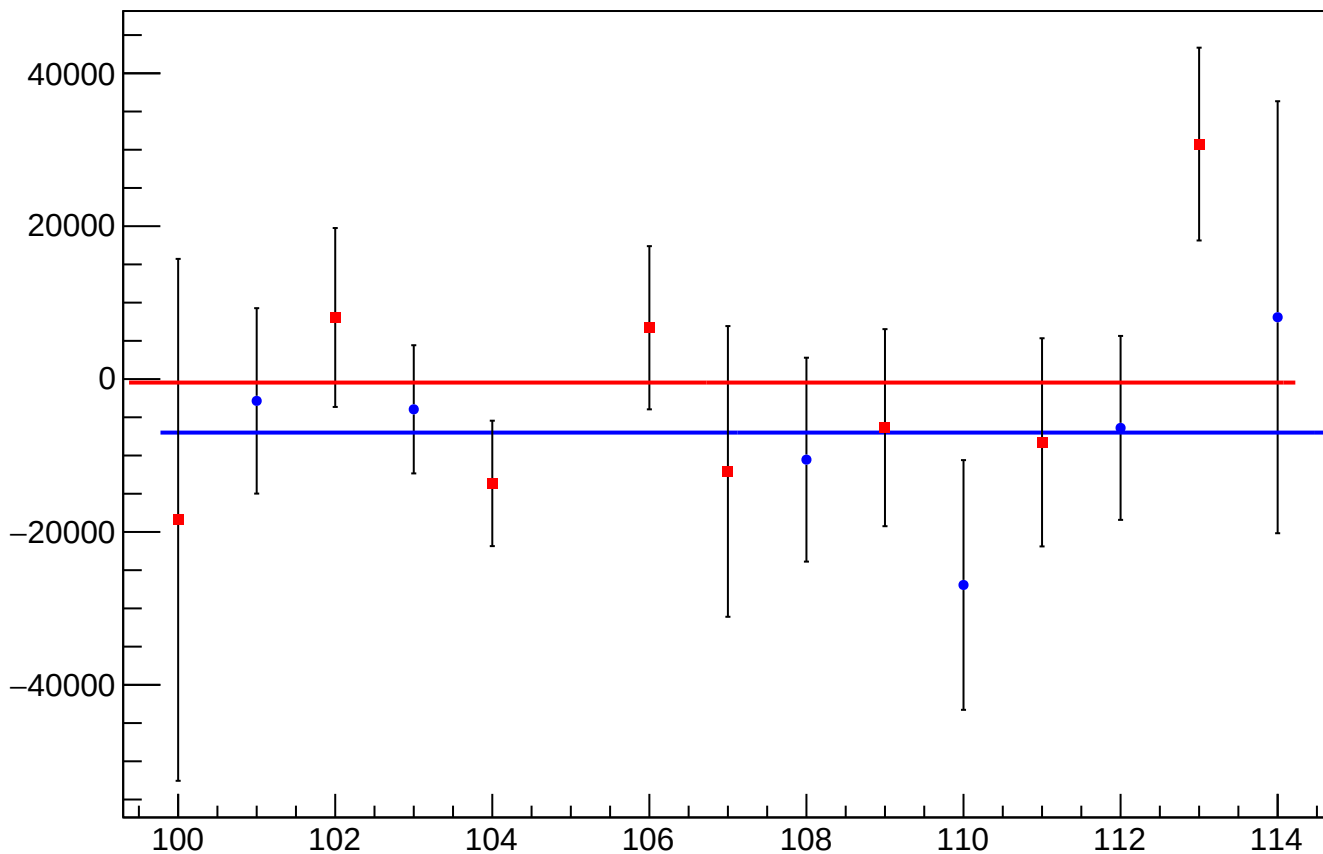
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2093.553 $\pm$ 0.626 χ^2 /NDF: 249220.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



Right In: -7000.385+/-5092.706 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.316+/-4374.235 χ^2/NDF : 10.9/7

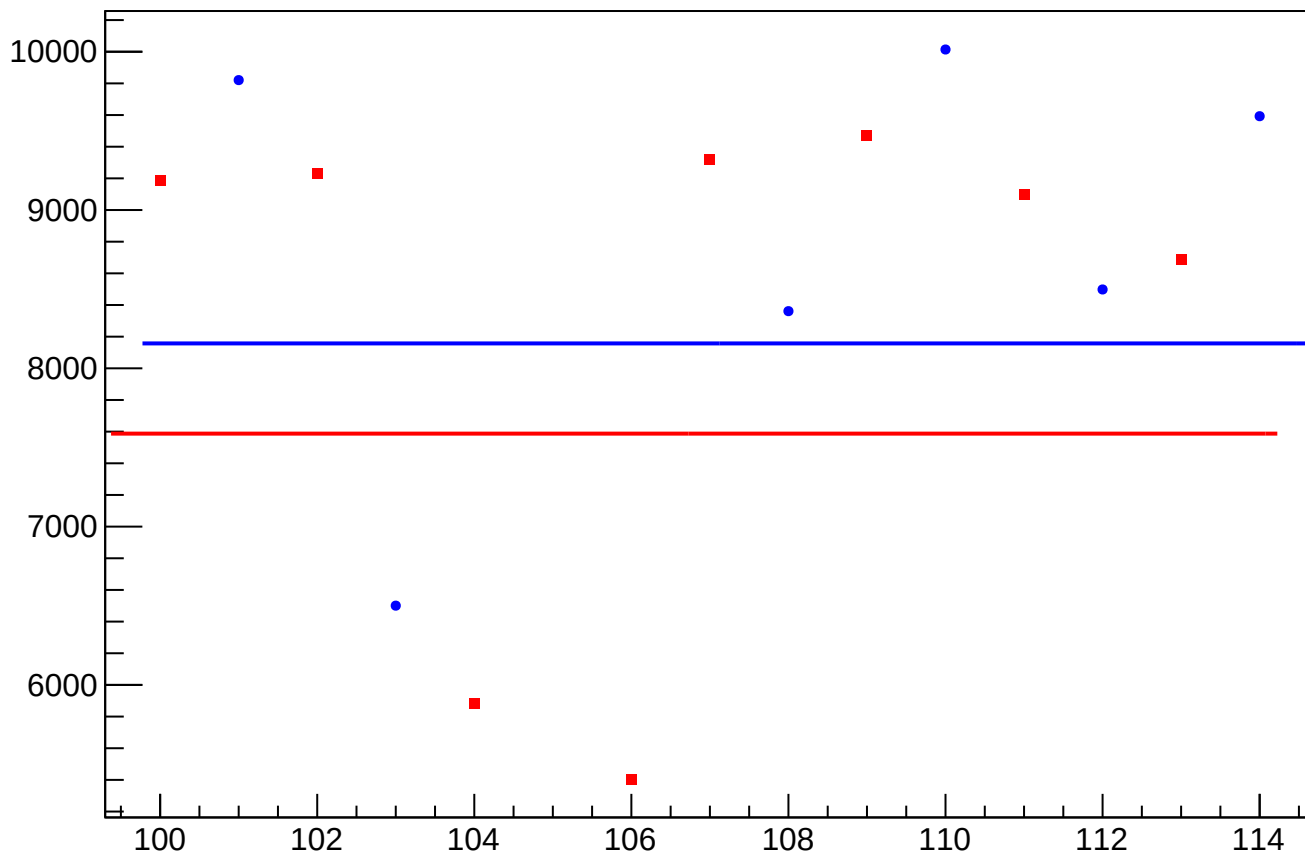
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3235.123+/-3318.249 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



Right In: 8157.313+/-3.601 χ^2/NDF : 148786.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7587.448+/-3.093 χ^2/NDF : 313389.4/7

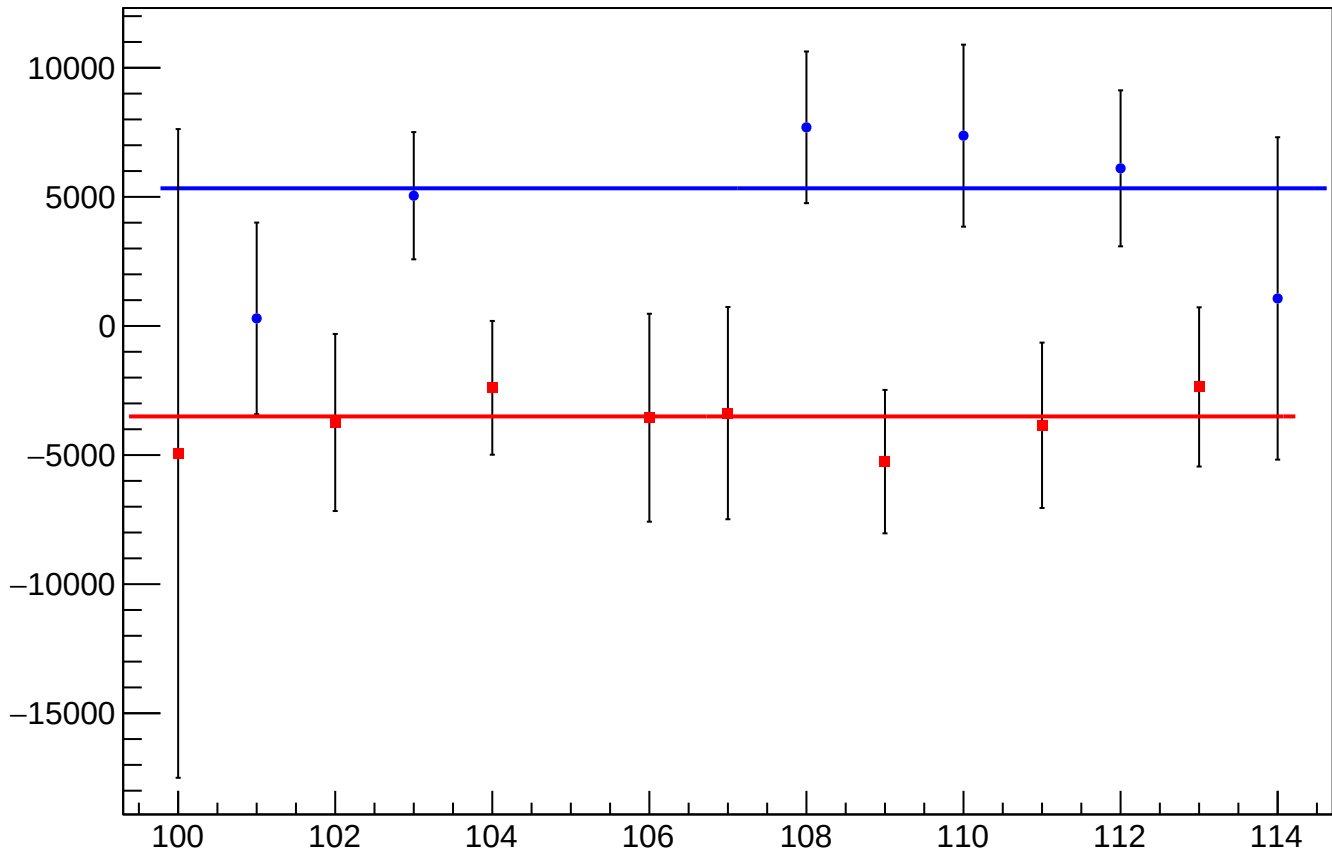
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7829.379+/-2.346 χ^2/NDF : 476586.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5332.118 $\pm$ 1325.697 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3503.312 $\pm$ 1200.756 χ^2 /NDF: 0.7/7

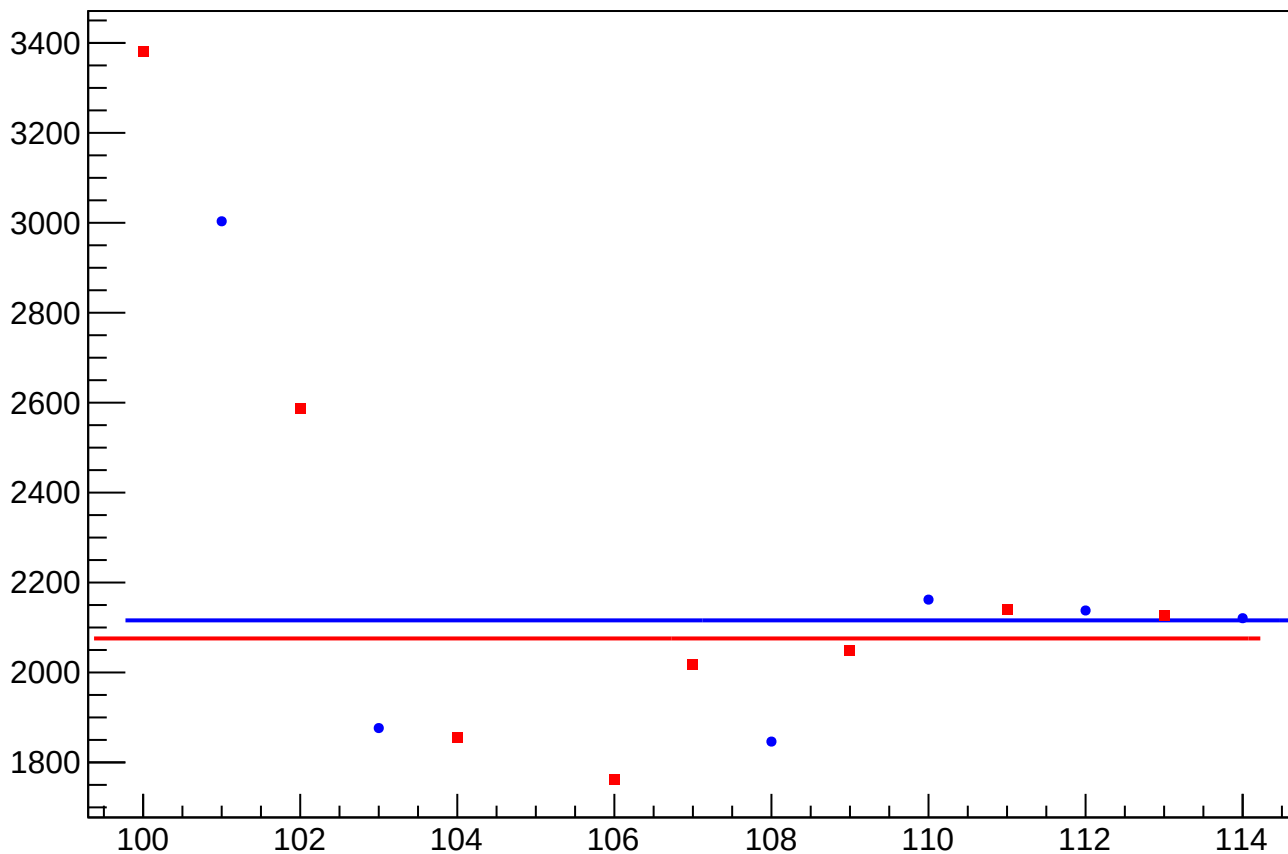
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 478.527 $\pm$ 889.964 χ^2 /NDF: 28.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2115.864 $\pm$ 0.937 χ^2 /NDF: 150592.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2075.643 $\pm$ 0.840 χ^2 /NDF: 97607.1/7

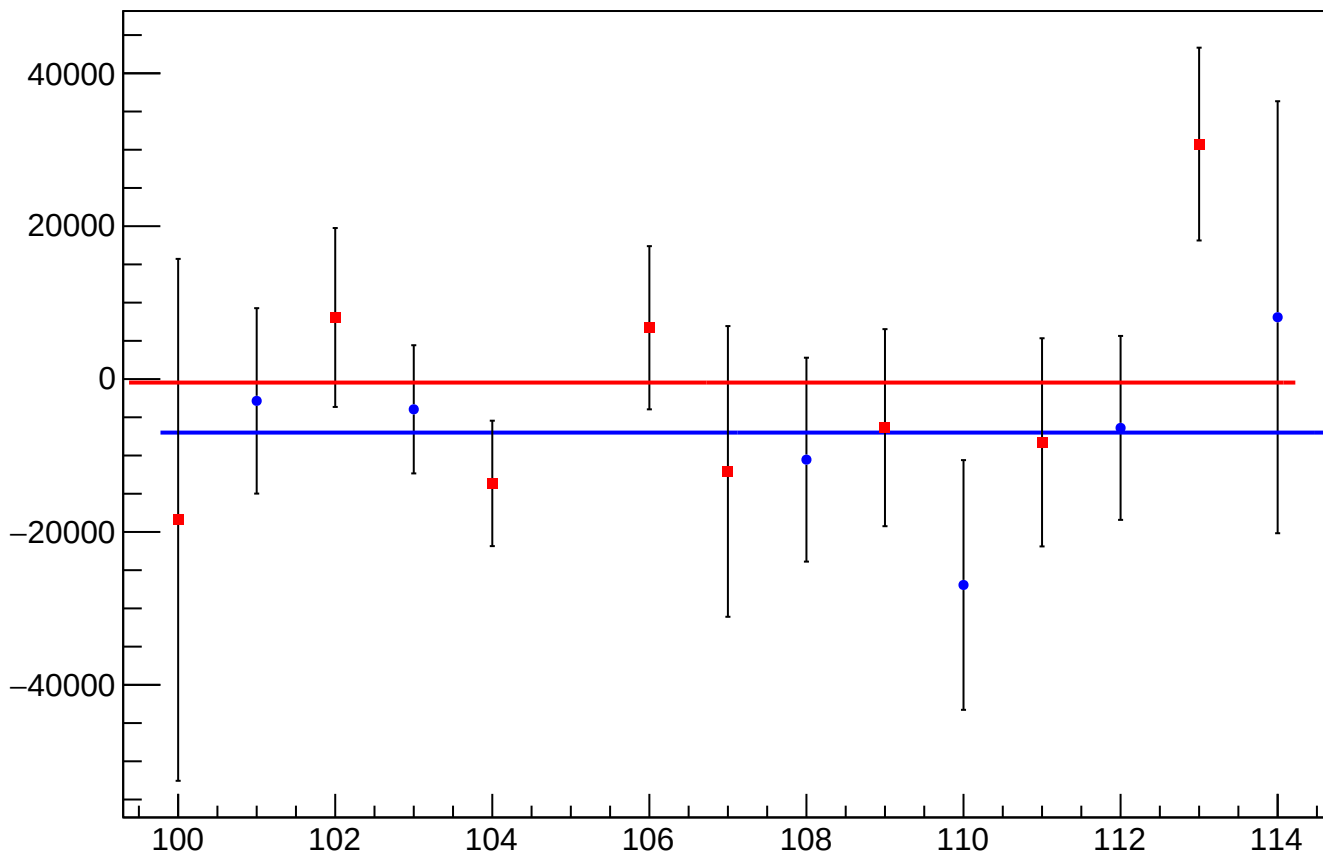
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2093.553 $\pm$ 0.626 χ^2 /NDF: 249220.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -7000.385+/-5092.706 χ^2 /NDF: 2.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -457.316+/-4374.235 χ^2 /NDF: 10.9/7

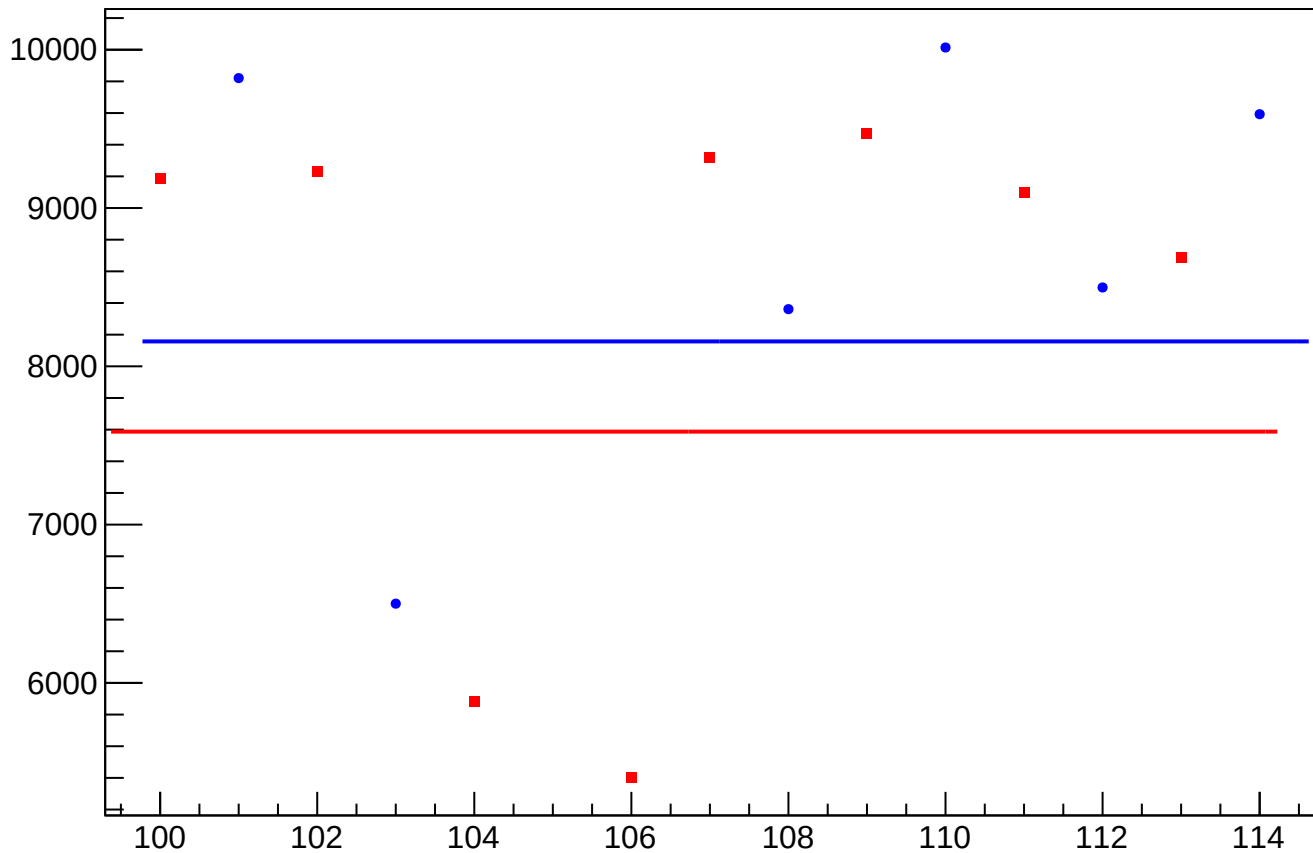
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3235.123+/-3318.249 χ^2 /NDF: 13.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 8157.313+/-3.601 χ^2/NDF : 148786.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7587.448+/-3.093 χ^2/NDF : 313389.4/7

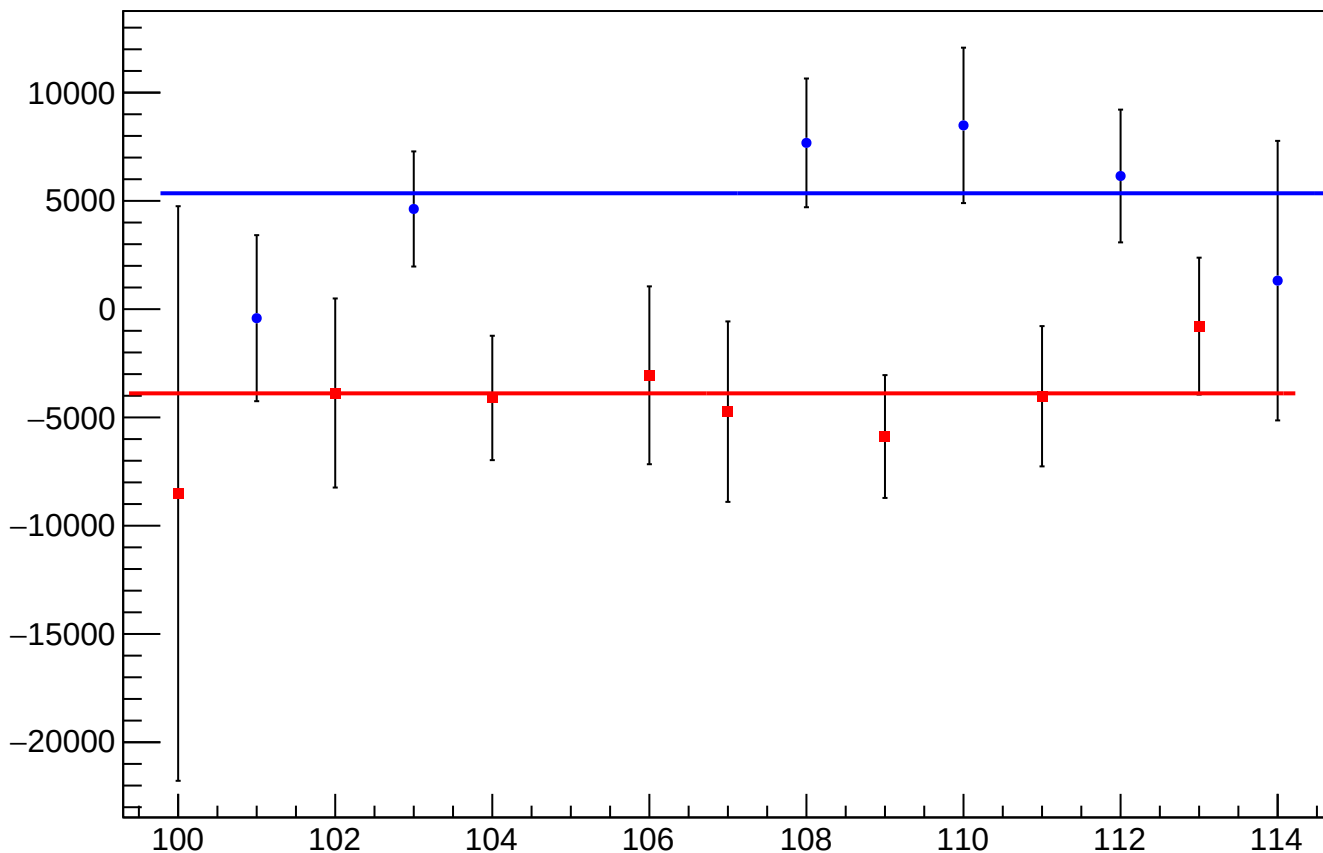
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7829.379+/-2.346 χ^2/NDF : 476586.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5351.289+/-1372.547 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3888.201+/-1274.078 χ^2/NDF : 1.7/7

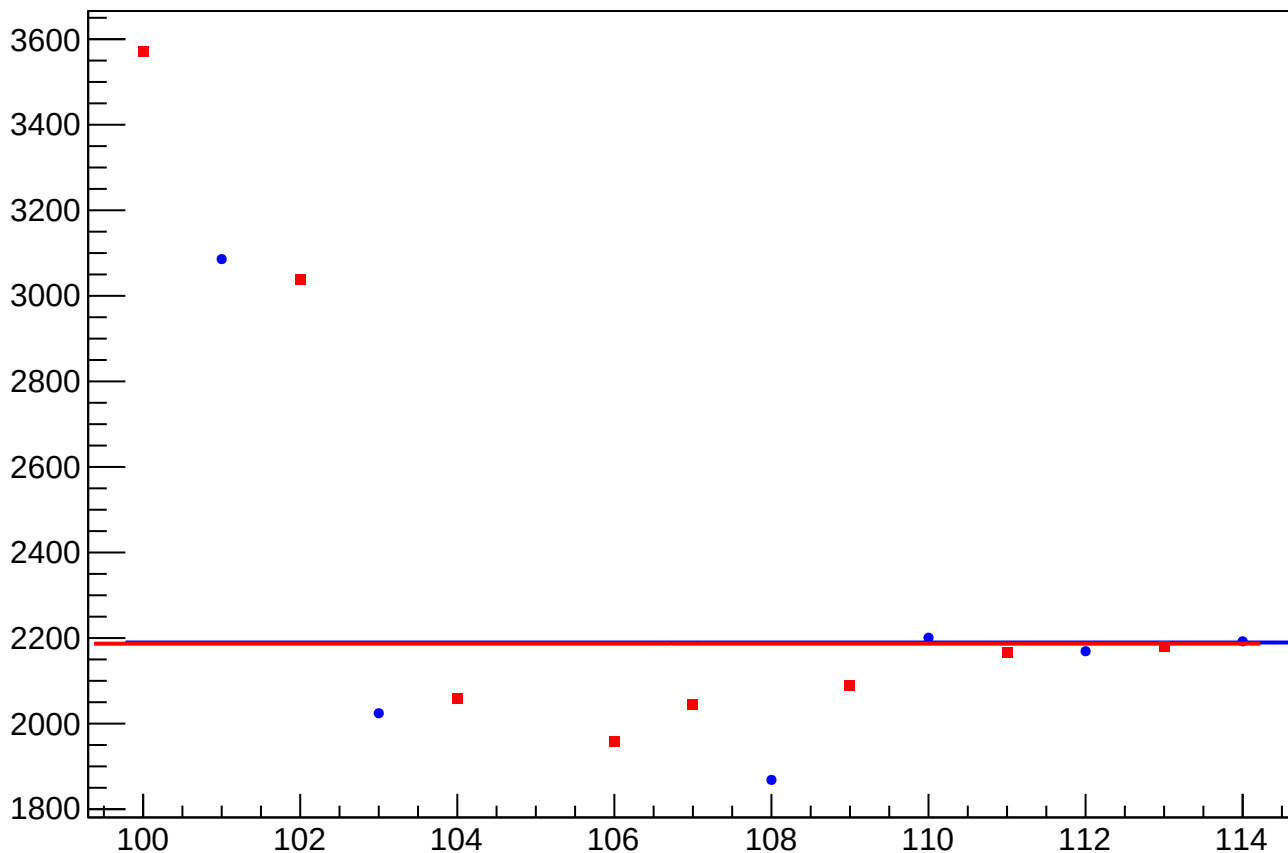
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.260+/-933.782 χ^2/NDF : 30.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2189.582 $\pm$ 0.971 χ^2 /NDF: 140491.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

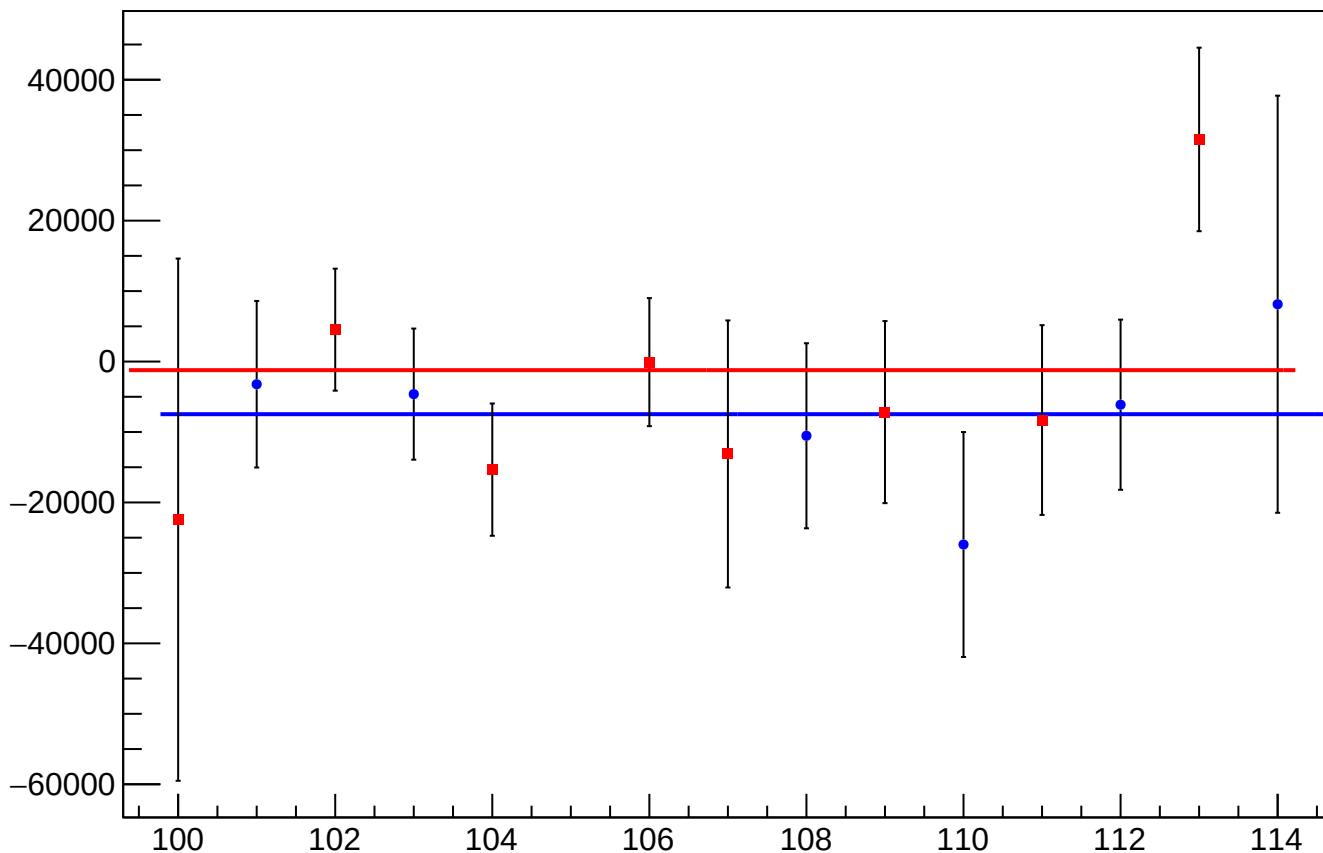
Right Out: 2186.921 $\pm$ 0.900 χ^2 /NDF: 113188.1/7

All: 2188.150 $\pm$ 0.660 χ^2 /NDF: 253683.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug



Right In: -7470.871+/-5239.935 χ^2 /NDF: 1.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1222.231+/-4162.735 χ^2 /NDF: 10.3/7

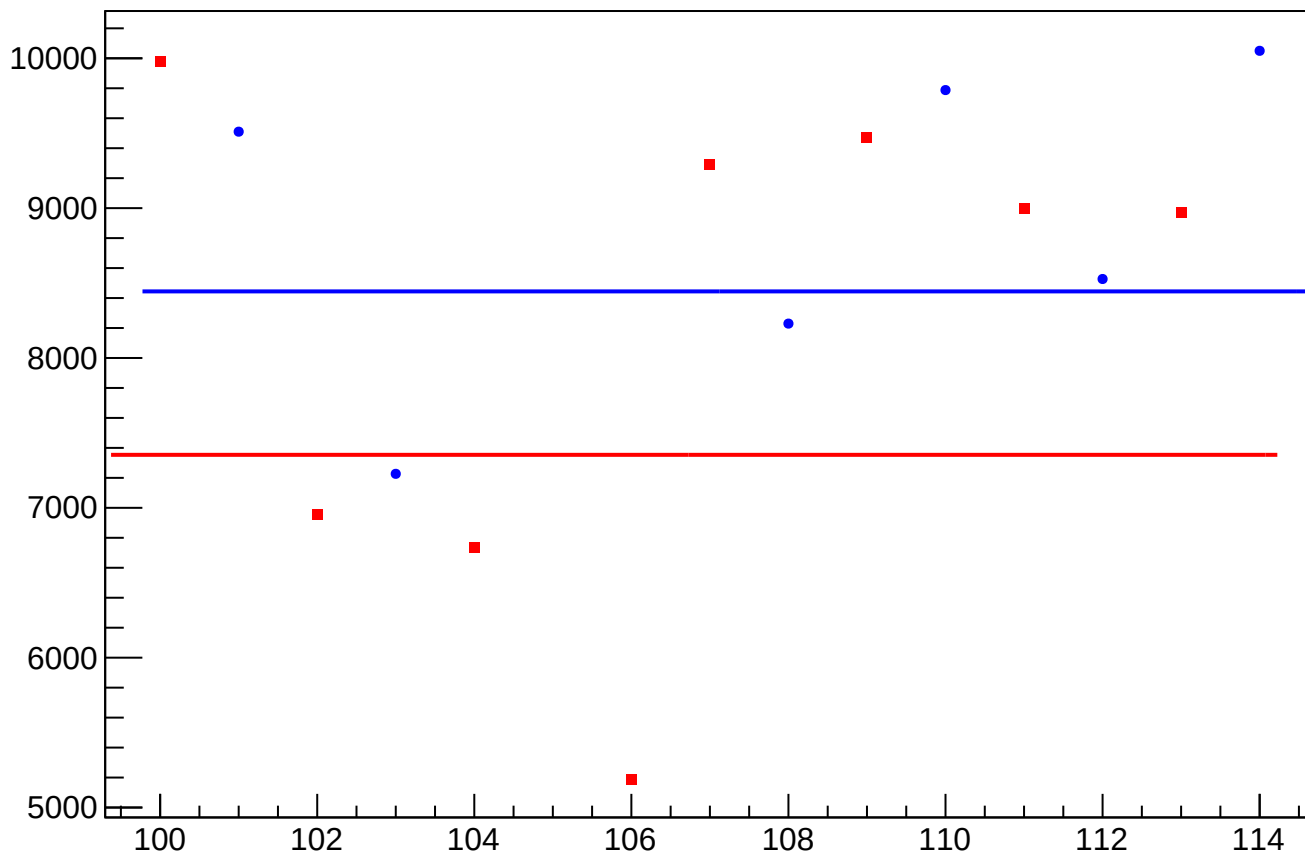
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3639.961+/-3259.395 χ^2 /NDF: 13.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8444.366+/-3.705 χ^2/NDF : 71169.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

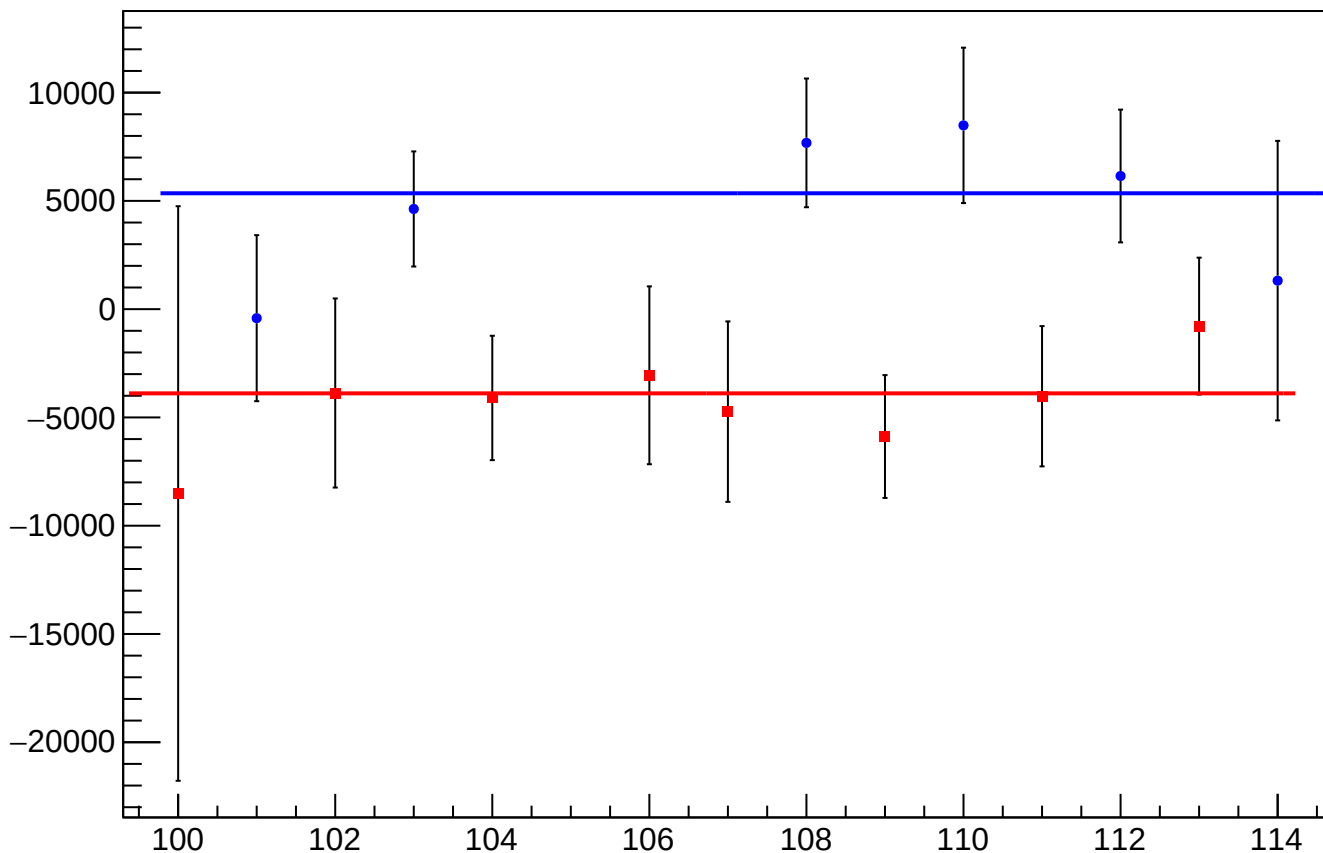
Right Out: 7353.678+/-2.943 χ^2/NDF : 272080.6/7

All: 7775.688+/-2.305 χ^2/NDF : 396374.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5351.299+/-1372.547 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3888.208+/-1274.078 χ^2/NDF : 1.7/7

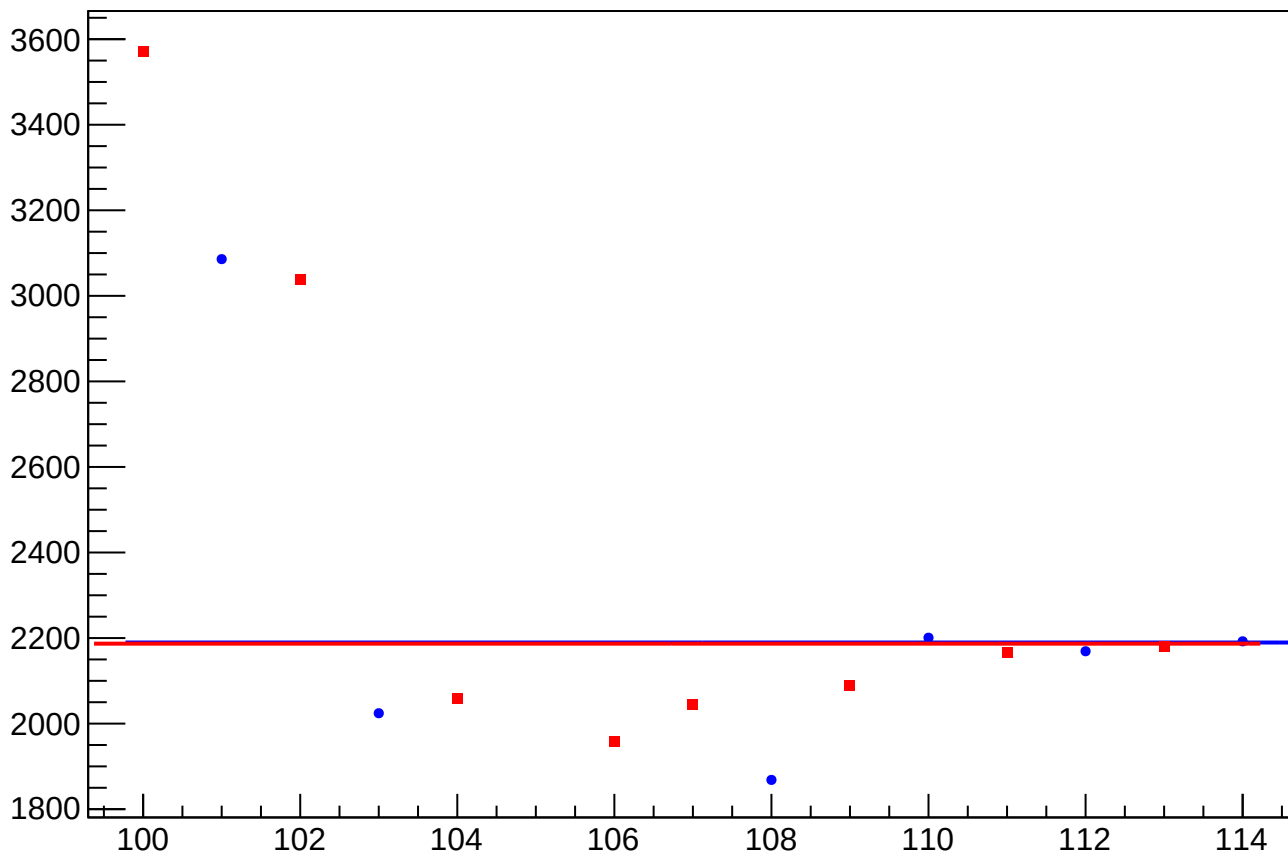
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.260+/-933.782 χ^2/NDF : 30.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2189.581 $\pm$ 0.971 χ^2 /NDF: 140491.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2186.920 $\pm$ 0.900 χ^2 /NDF: 113188.0/7

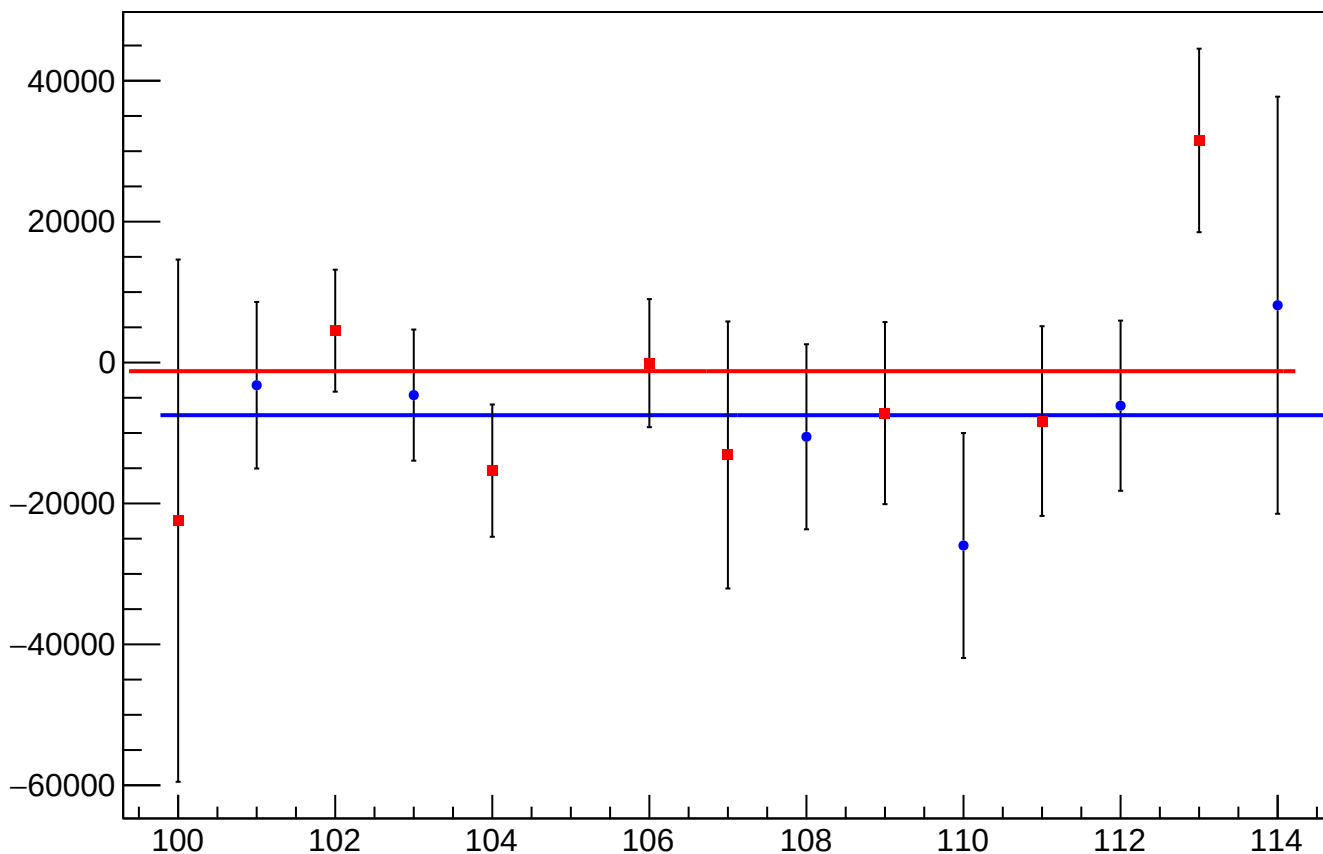
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2188.150 $\pm$ 0.660 χ^2 /NDF: 253683.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -7470.868+/-5239.927 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1222.236+/-4162.728 χ^2/NDF : 10.3/7

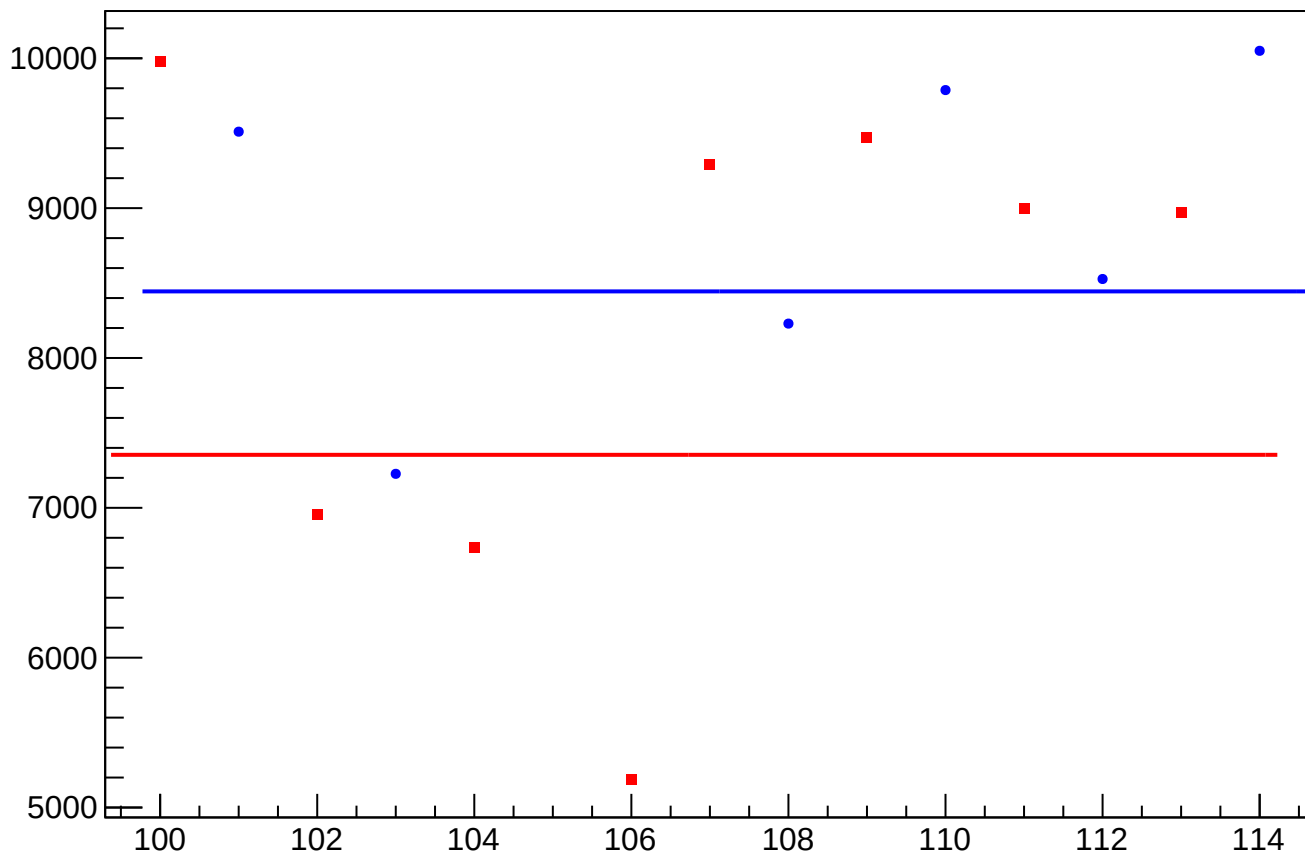
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3639.962+/-3259.390 χ^2/NDF : 13.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 8444.354+/-3.705 χ^2/NDF : 71169.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7353.667+/-2.943 χ^2/NDF : 272079.6/7

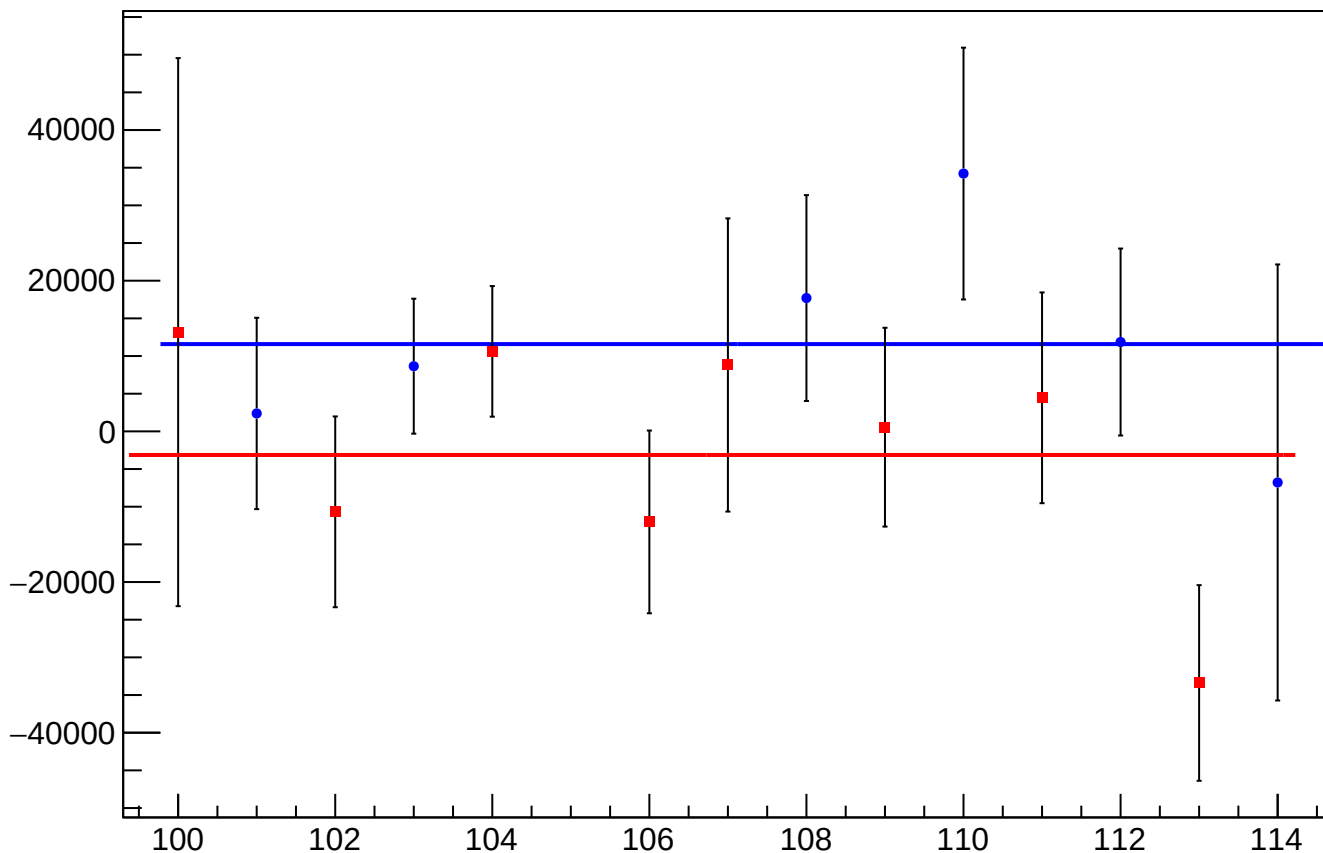
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7775.676+/-2.305 χ^2/NDF : 396373.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 11585.882 $\pm$ 5323.221 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3135.162 $\pm$ 4636.349 χ^2 /NDF: 9.8/7

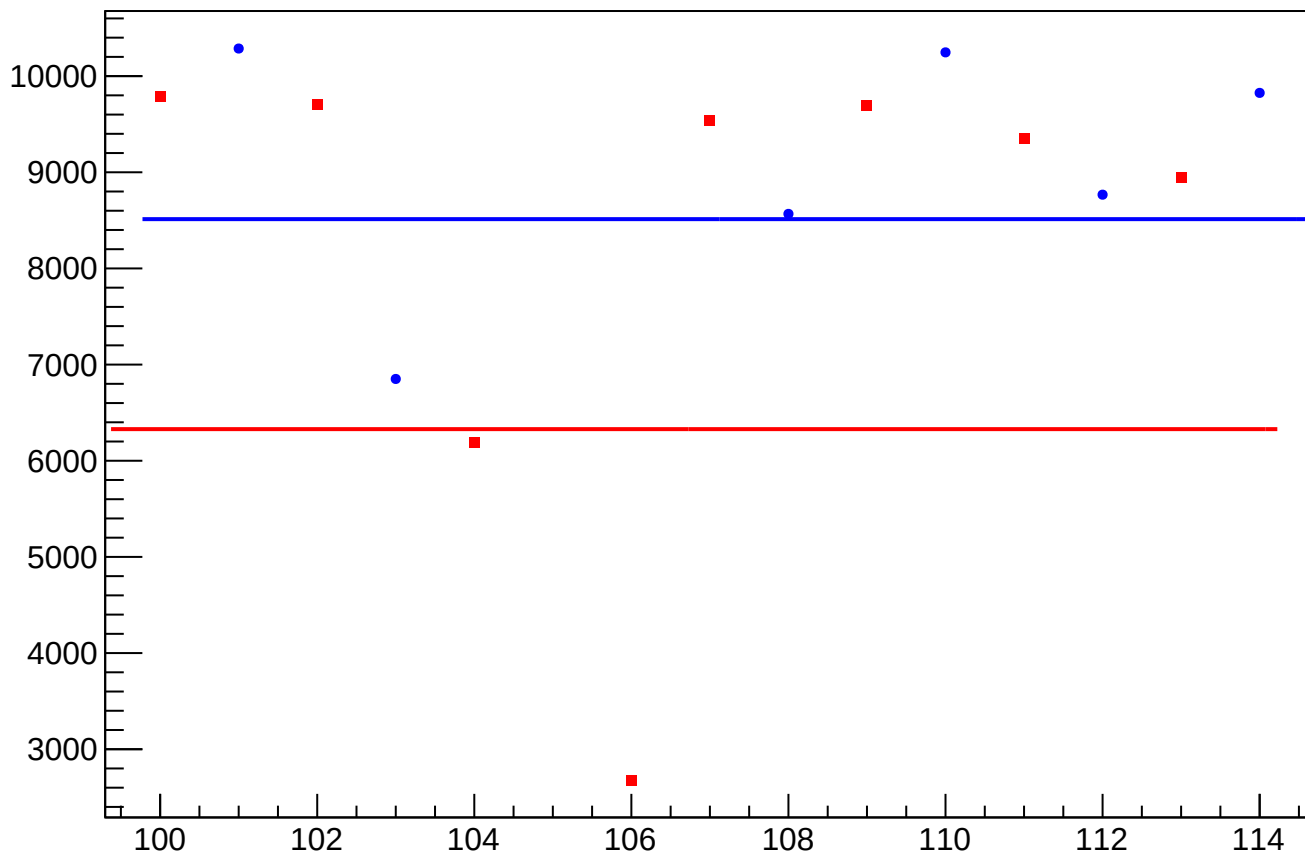
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3214.914 $\pm$ 3496.187 χ^2 /NDF: 17.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8512.612+/-3.764 χ^2/NDF : 134430.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6328.852+/-2.844 χ^2/NDF : 1109400.8/7

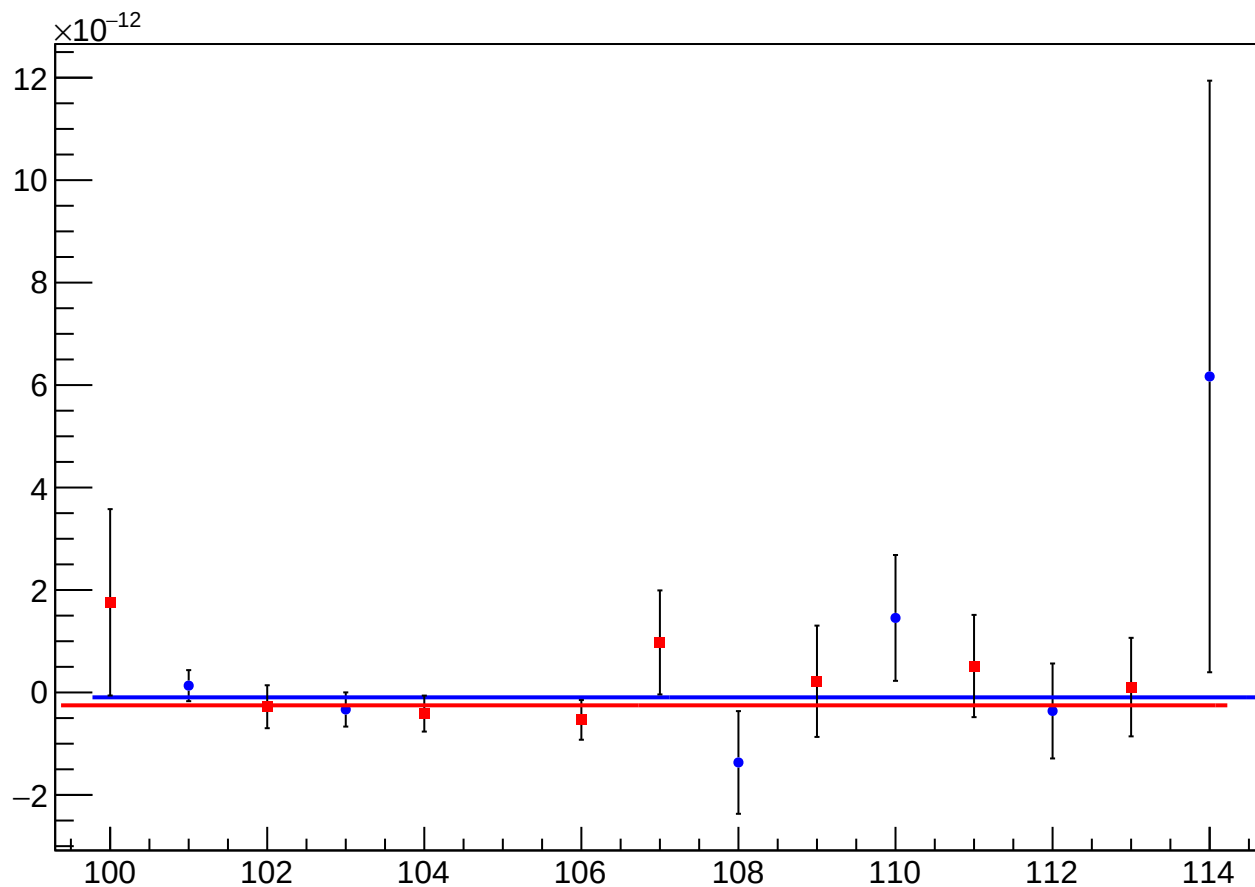
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7122.661+/-2.269 χ^2/NDF : 1458076.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.4/7

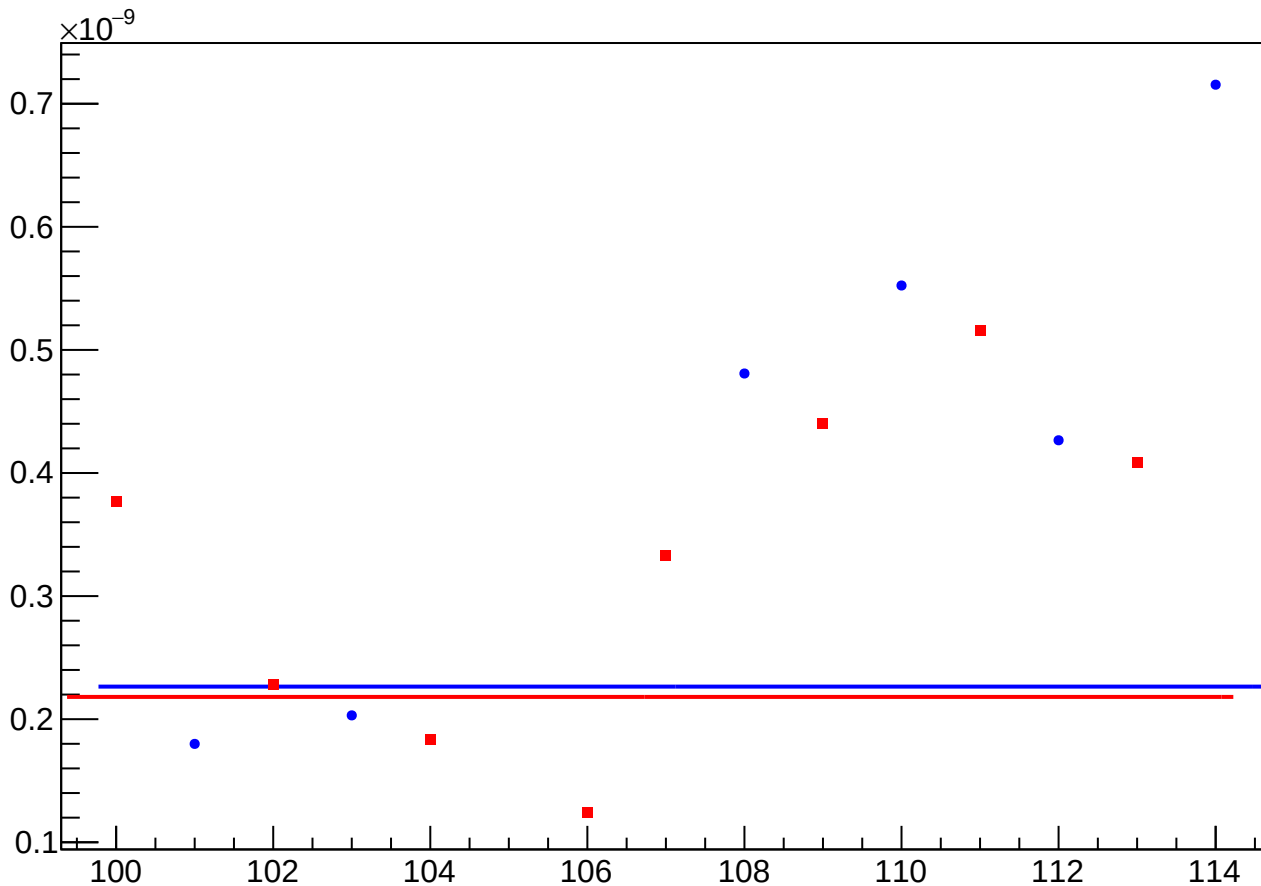
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 434269.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 518609.8/7

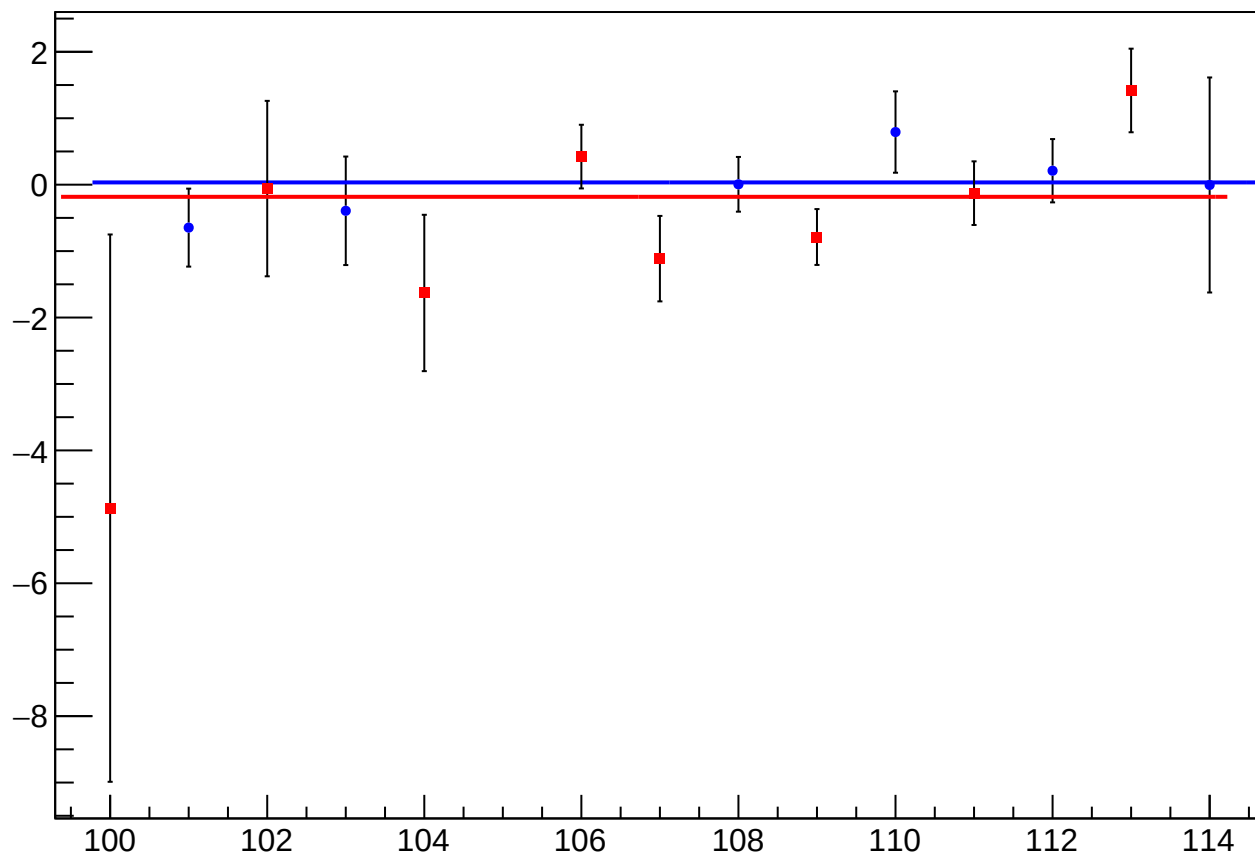
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 954537.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.237 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.220 χ^2 /NDF: 15.1/7

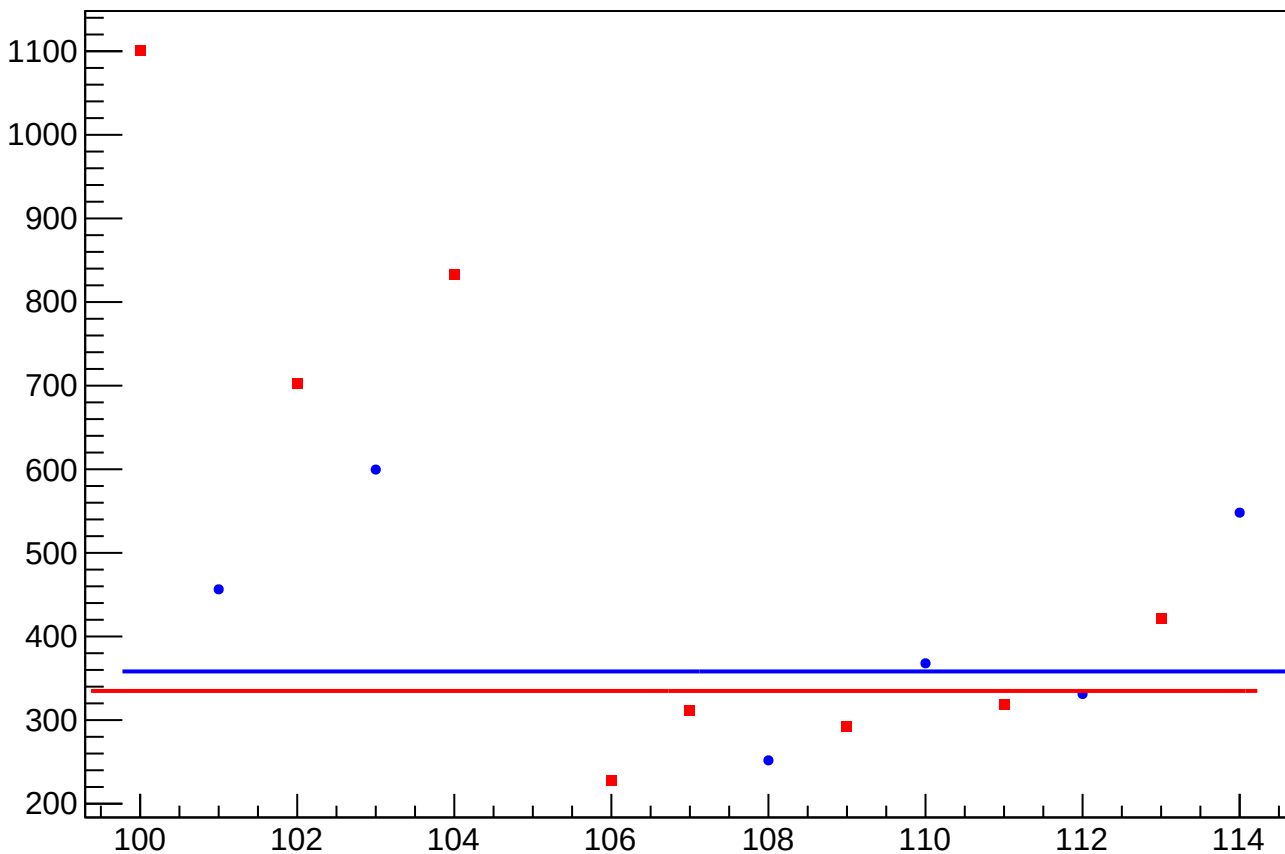
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.083 $\pm$ 0.161 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 358.199+/-0.168 χ^2/NDF : 398593.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.870+/-0.156 χ^2/NDF : 745943.2/7

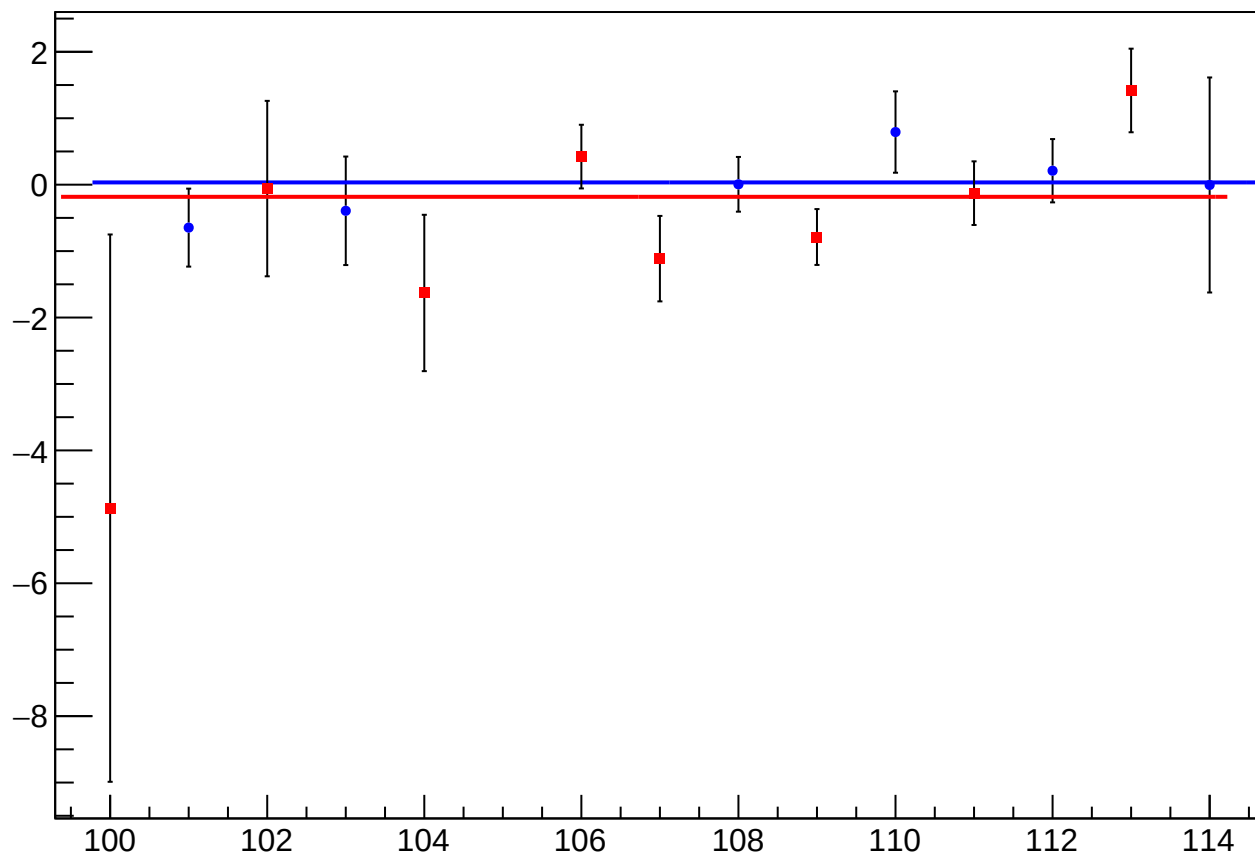
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.647+/-0.114 χ^2/NDF : 1154930.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.237 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.220 χ^2 /NDF: 15.1/7

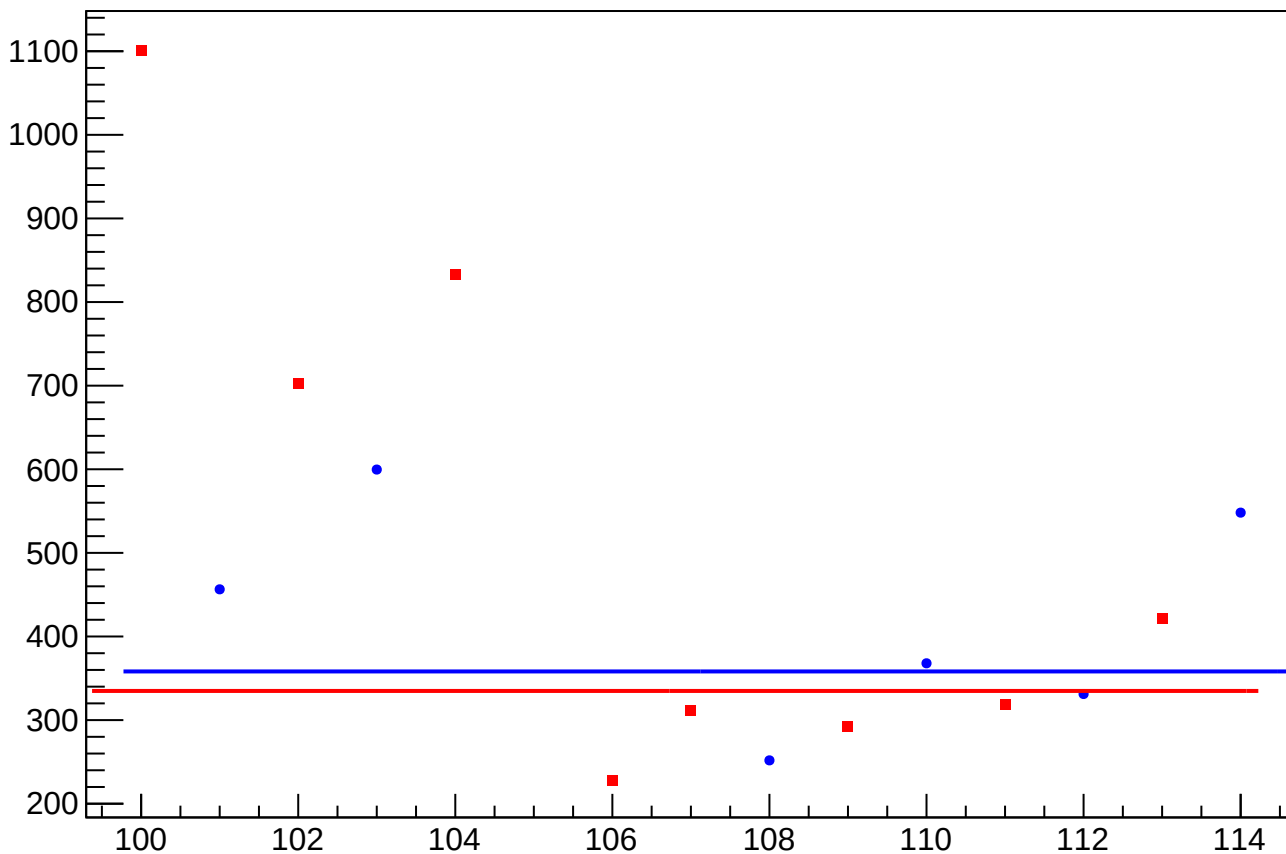
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.083 $\pm$ 0.161 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 358.199+/-0.168 χ^2/NDF : 398593.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.870+/-0.156 χ^2/NDF : 745943.2/7

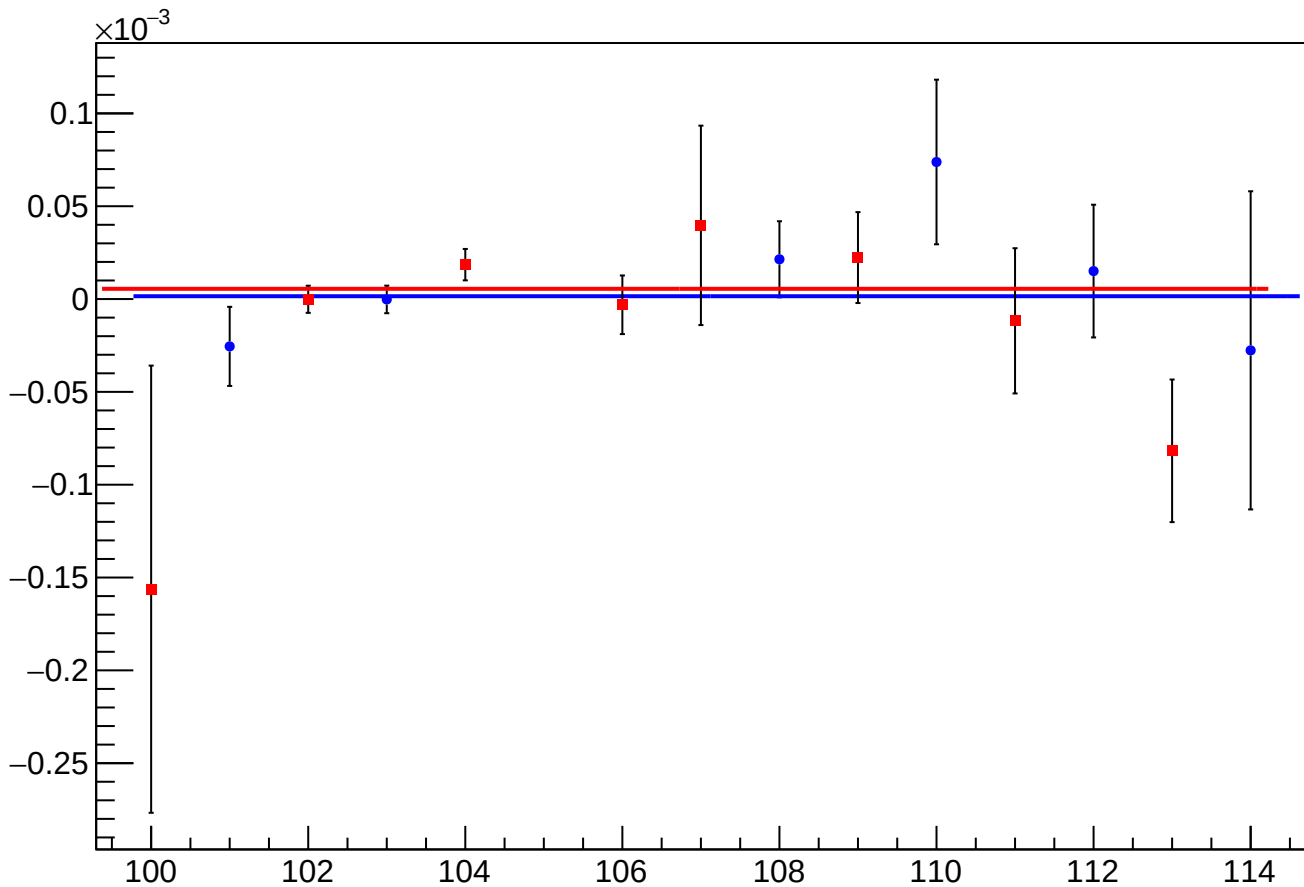
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.647+/-0.114 χ^2/NDF : 1154930.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/7

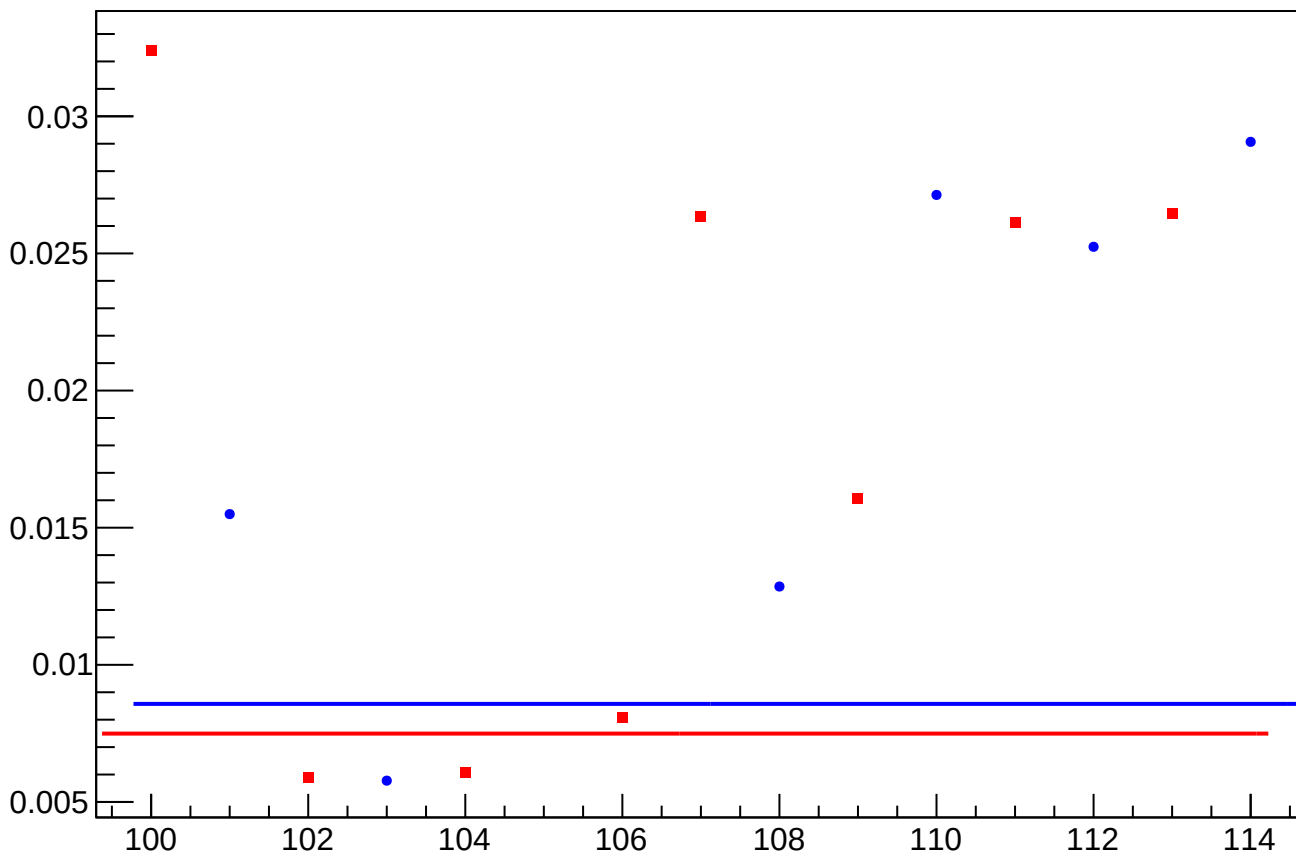
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 1481678.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1672144.1/7

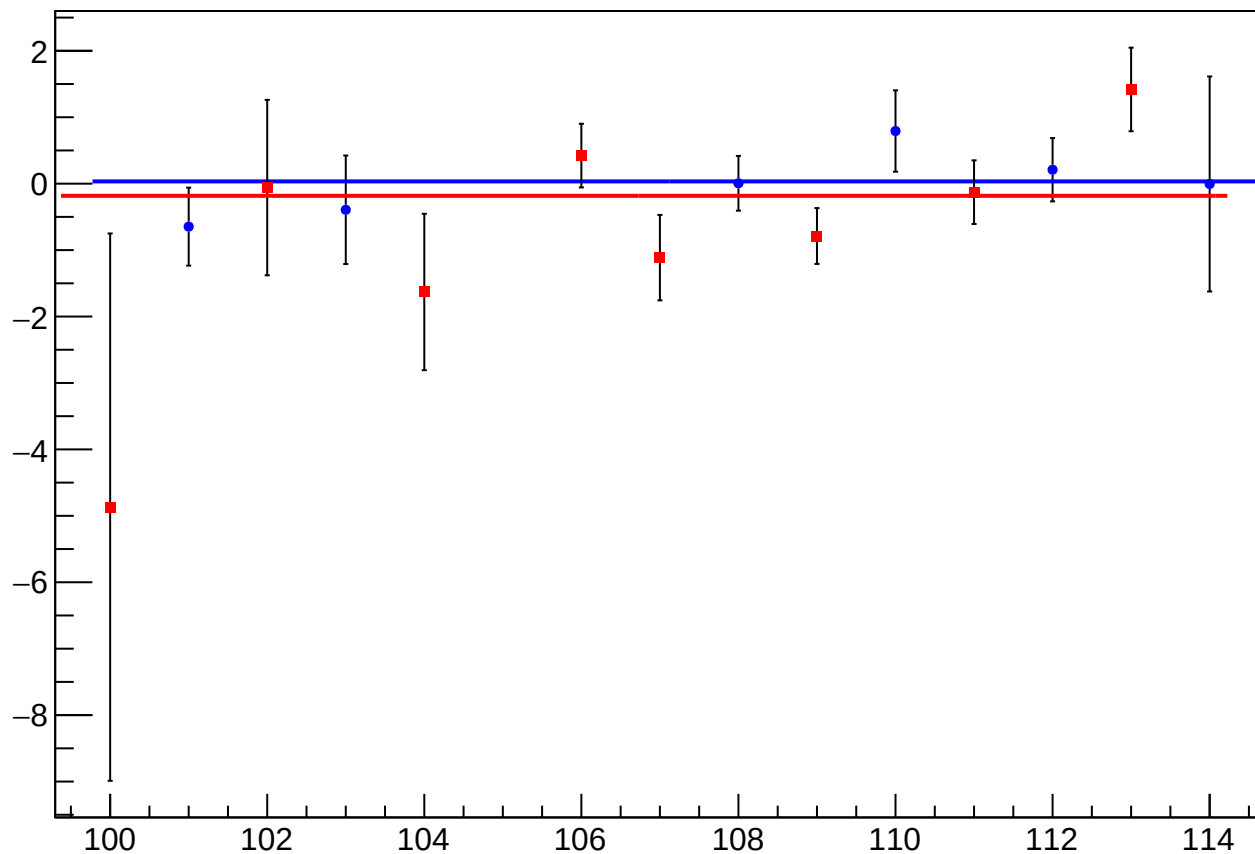
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3189179.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.237 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.220 χ^2 /NDF: 15.1/7

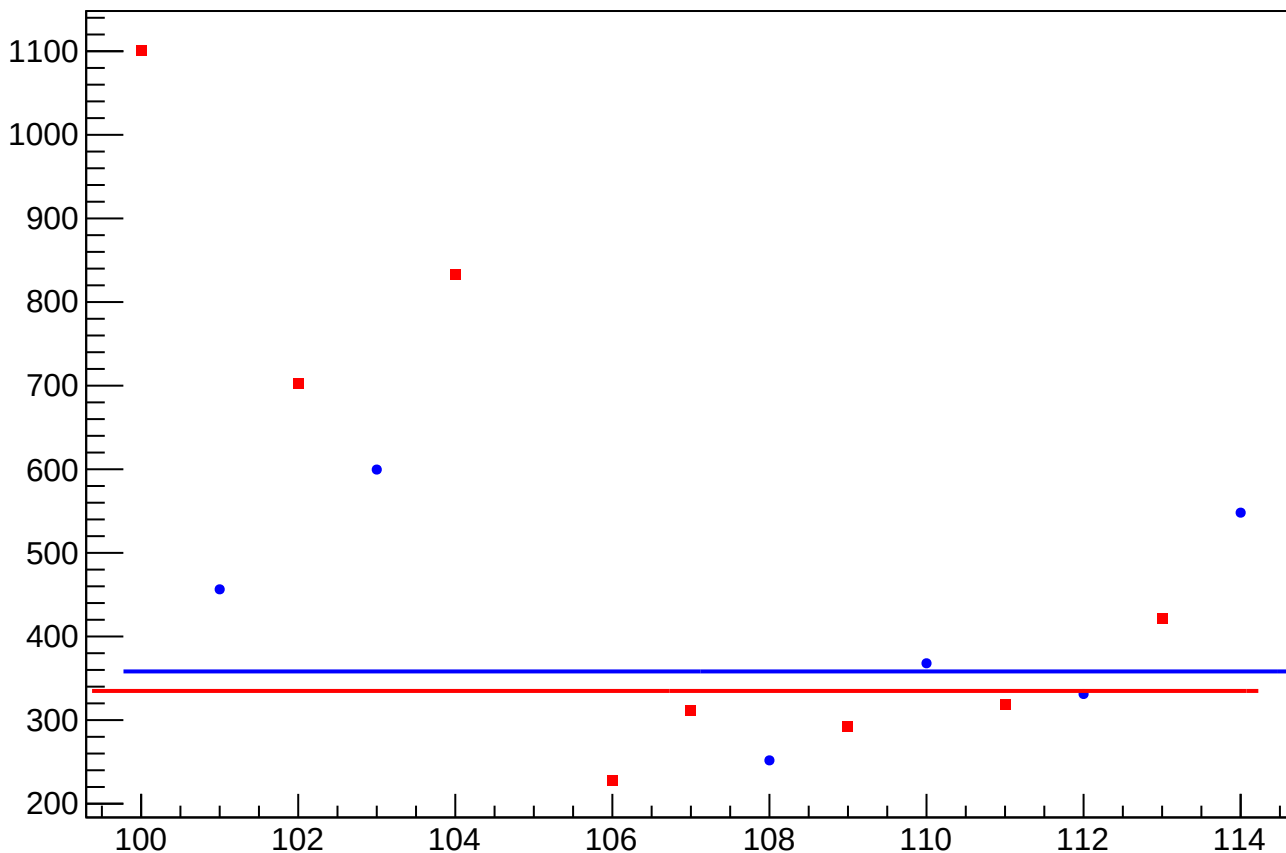
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.083 $\pm$ 0.161 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 358.204+/-0.168 χ^2/NDF : 398564.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.872+/-0.156 χ^2/NDF : 745929.5/7

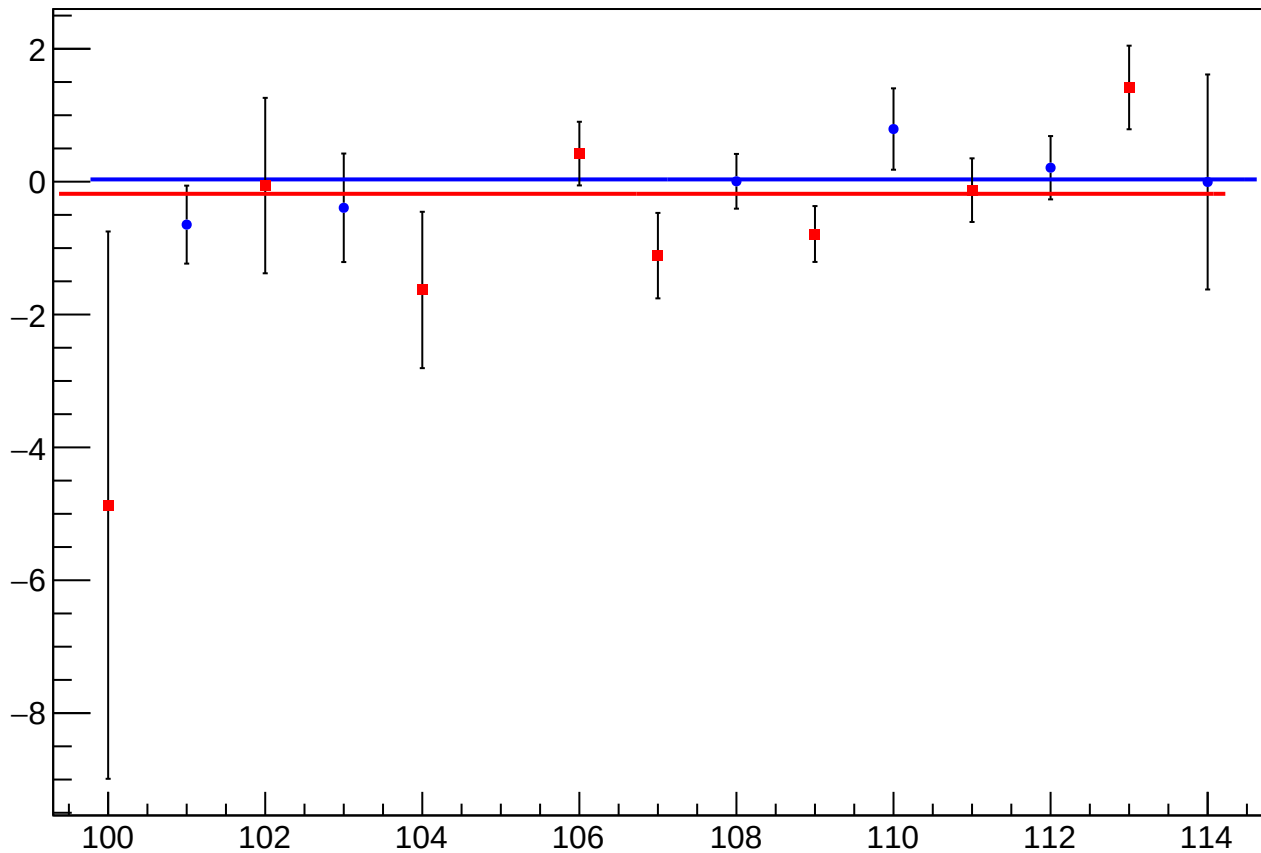
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.650+/-0.114 χ^2/NDF : 1154890.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.237 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.220 χ^2 /NDF: 15.1/7

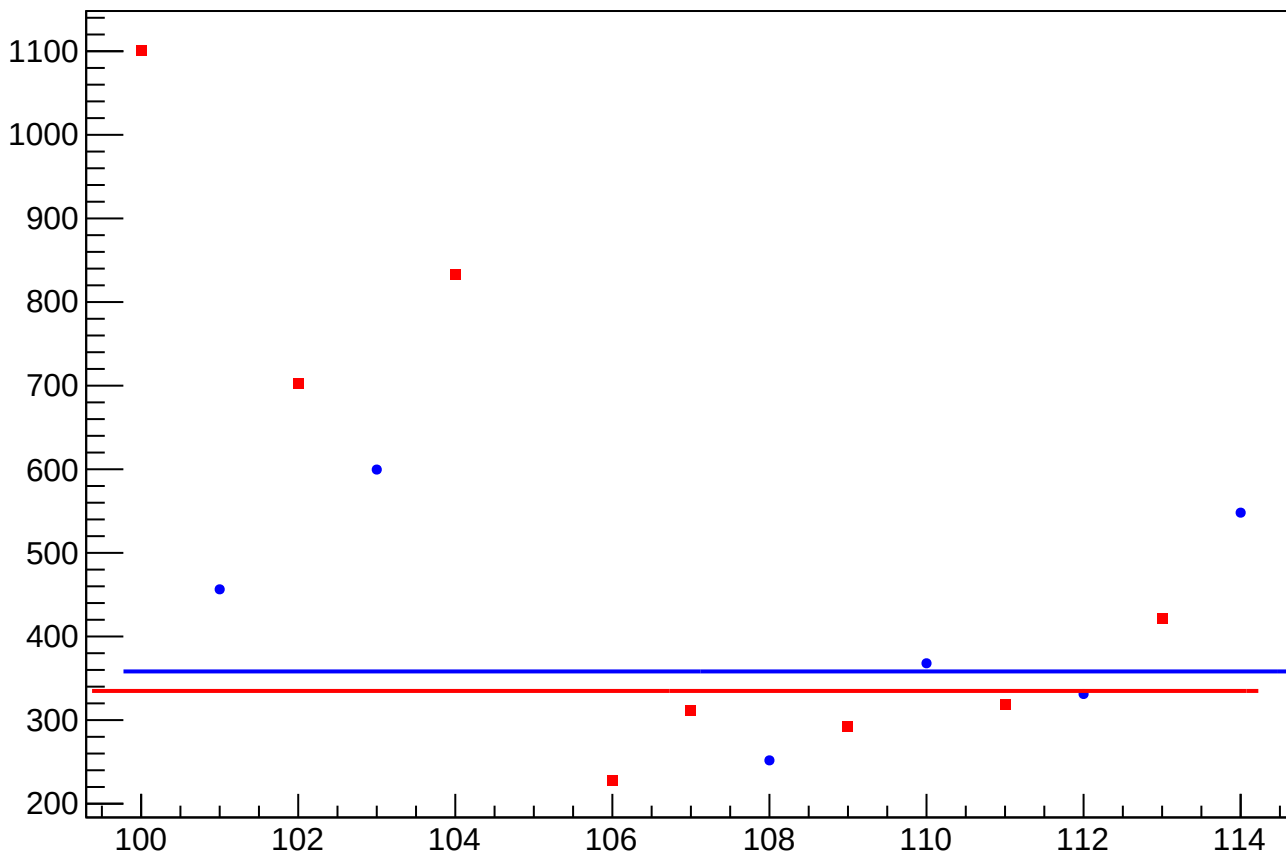
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.083 $\pm$ 0.161 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 358.204+/-0.168 χ^2/NDF : 398564.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.872+/-0.156 χ^2/NDF : 745929.5/7

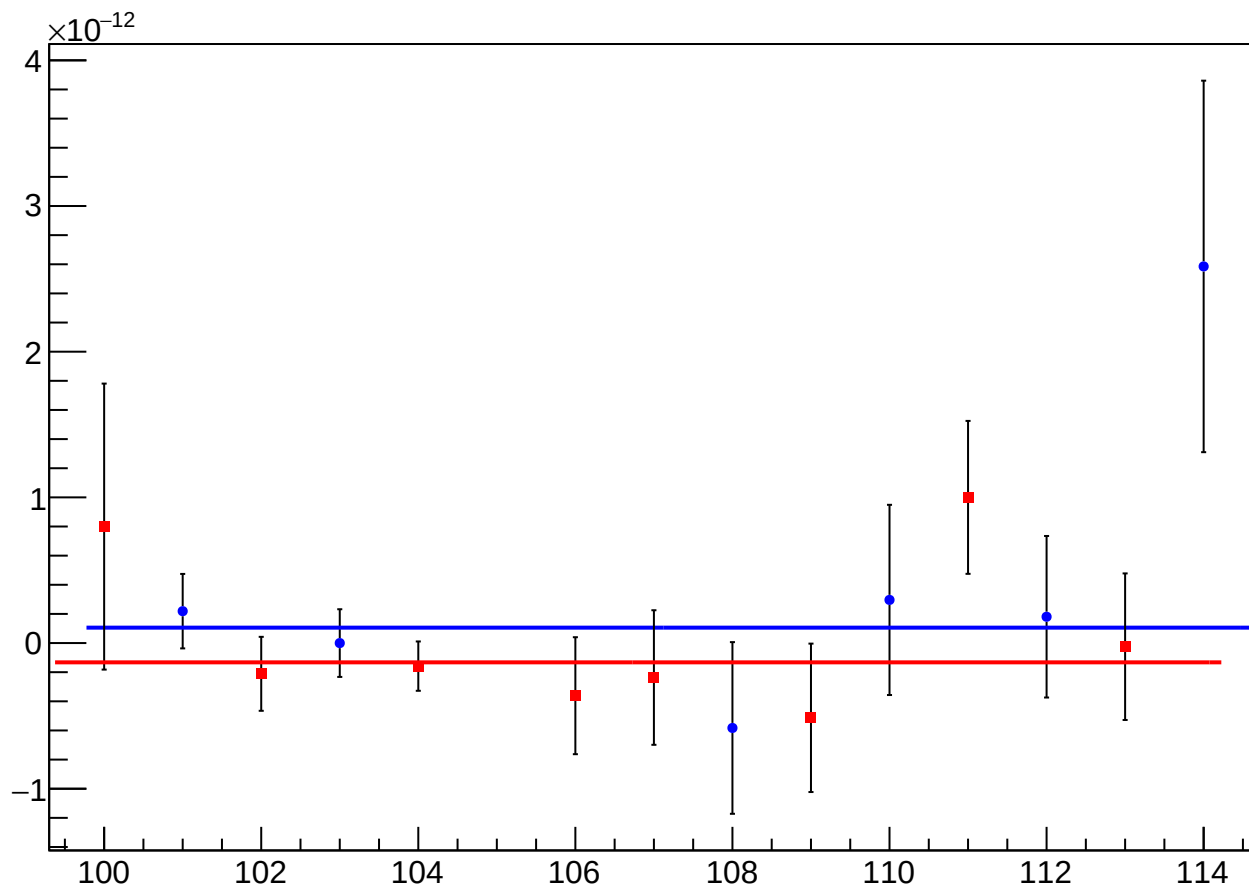
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.650+/-0.114 χ^2/NDF : 1154890.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/7

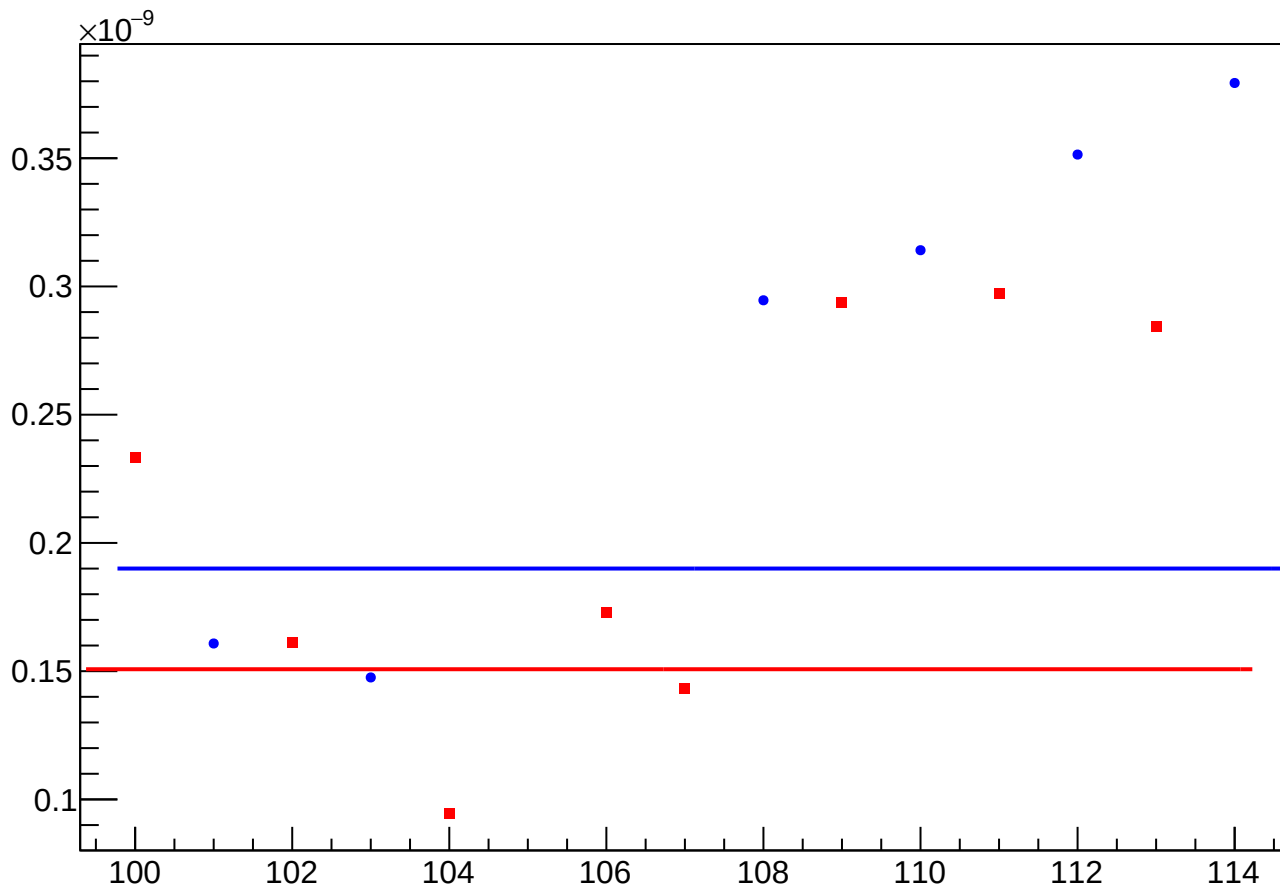
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 441851.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 699677.4/7

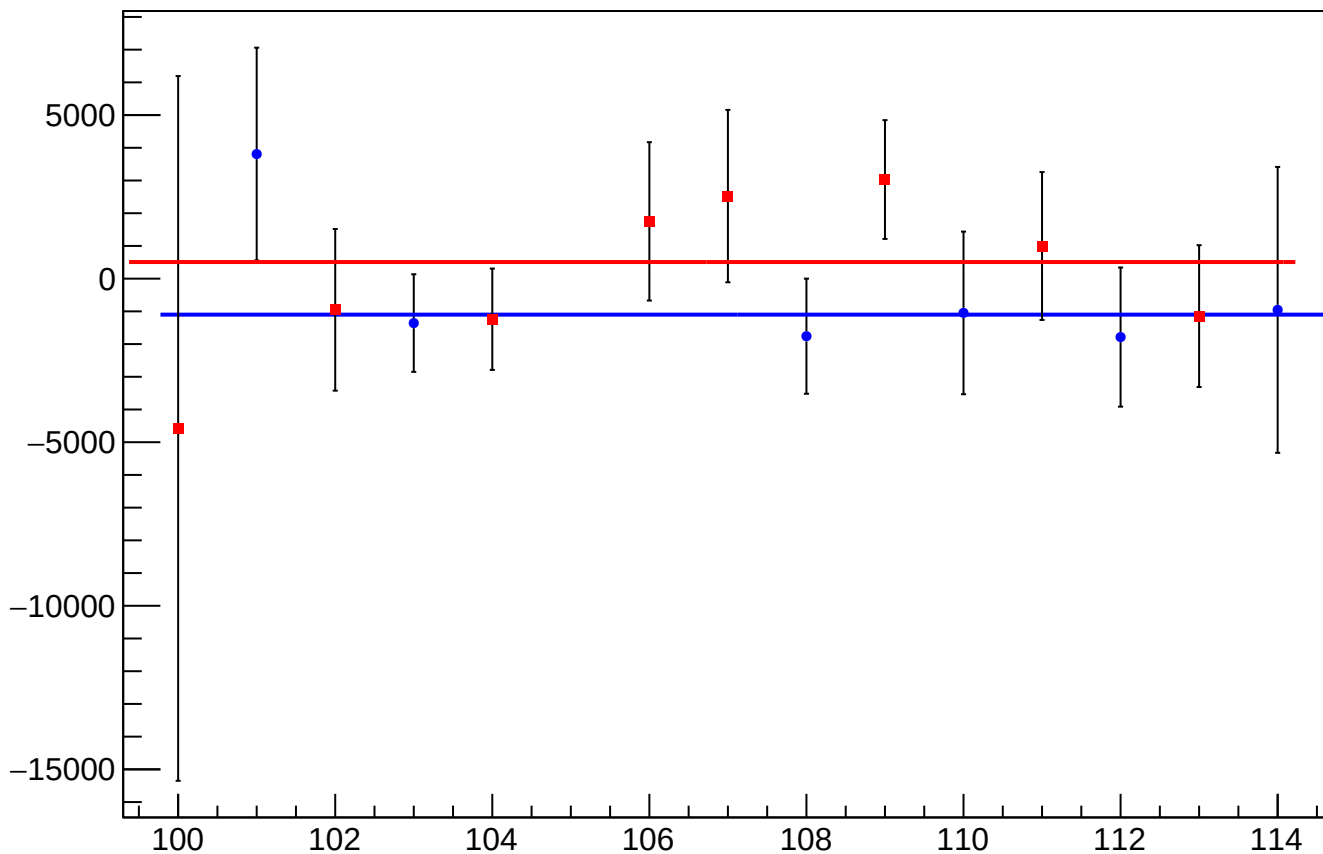
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1225171.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1100.236 $\pm$ 876.390 χ^2 /NDF: 2.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 507.779 $\pm$ 786.595 χ^2 /NDF: 5.3/7

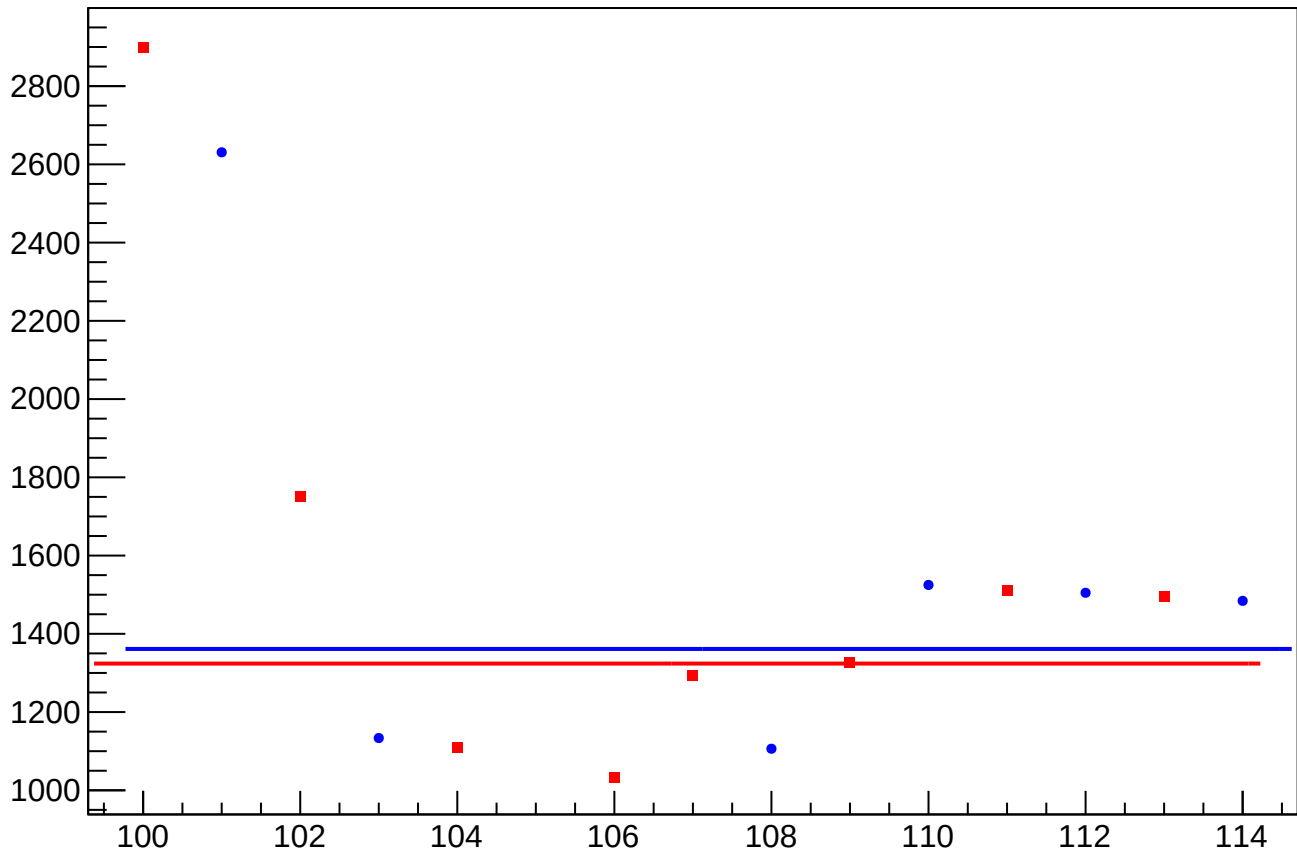
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -209.654 $\pm$ 585.387 χ^2 /NDF: 9.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1361.347 $\pm$ 0.620 χ^2 /NDF: 412674.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1323.974 $\pm$ 0.548 χ^2 /NDF: 204383.7/7

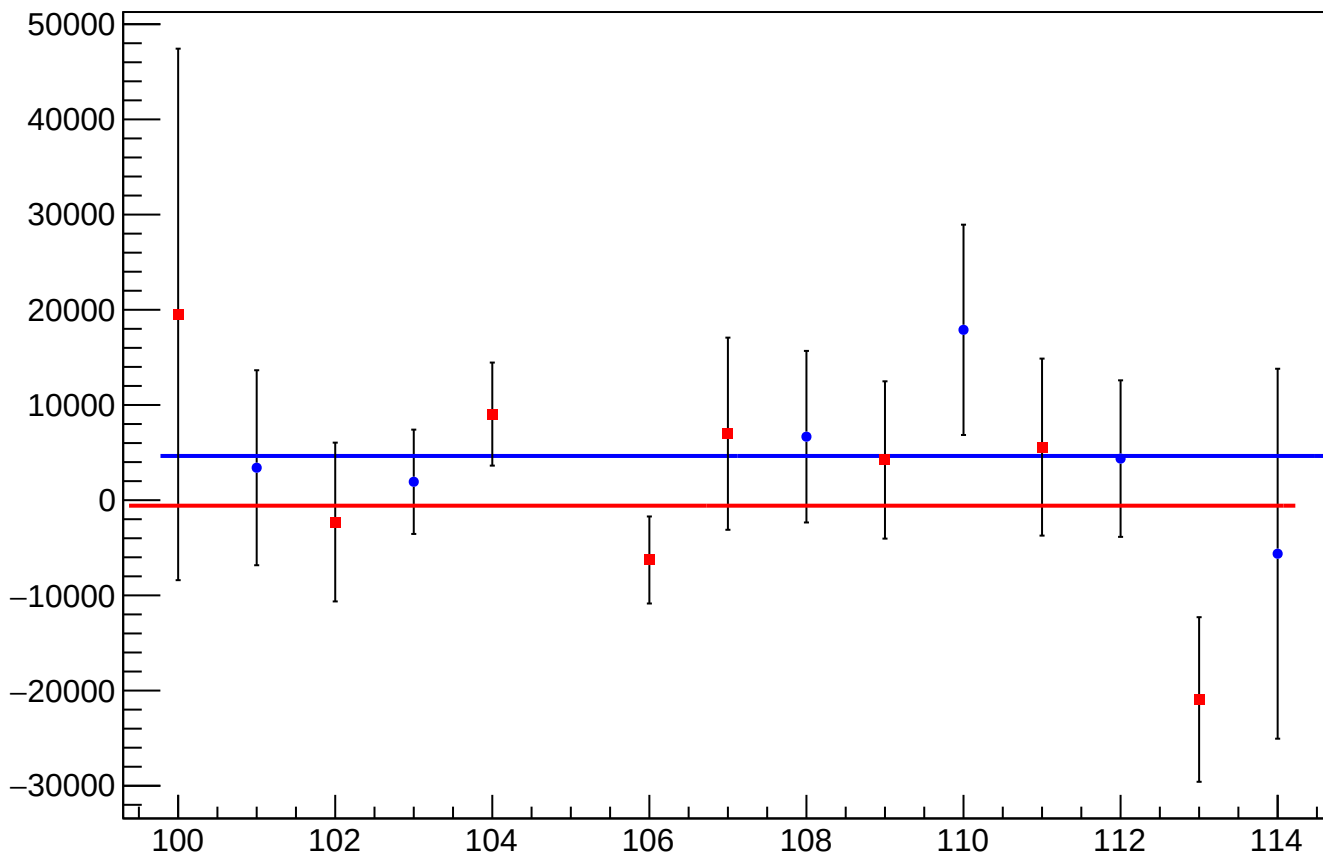
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1340.369 $\pm$ 0.410 χ^2 /NDF: 619099.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



Right In: 4645.412 $\pm$ 3517.935 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -578.775 $\pm$ 2607.733 χ^2 /NDF: 12.2/7

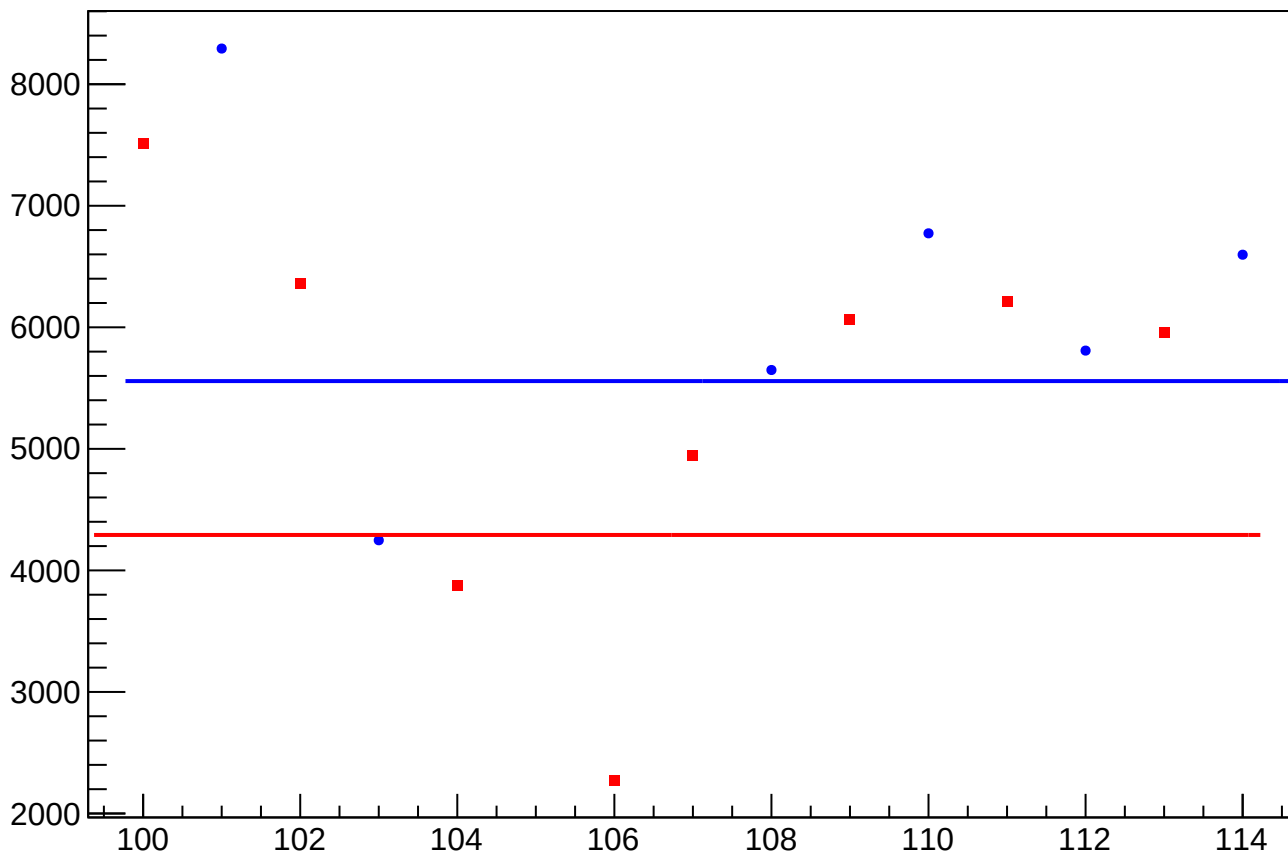
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1273.834 $\pm$ 2094.934 χ^2 /NDF: 15.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug



Right In: 5557.599 $\pm$ 2.488 χ^2 /NDF: 288993.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4291.597 $\pm$ 1.844 χ^2 /NDF: 810958.7/7

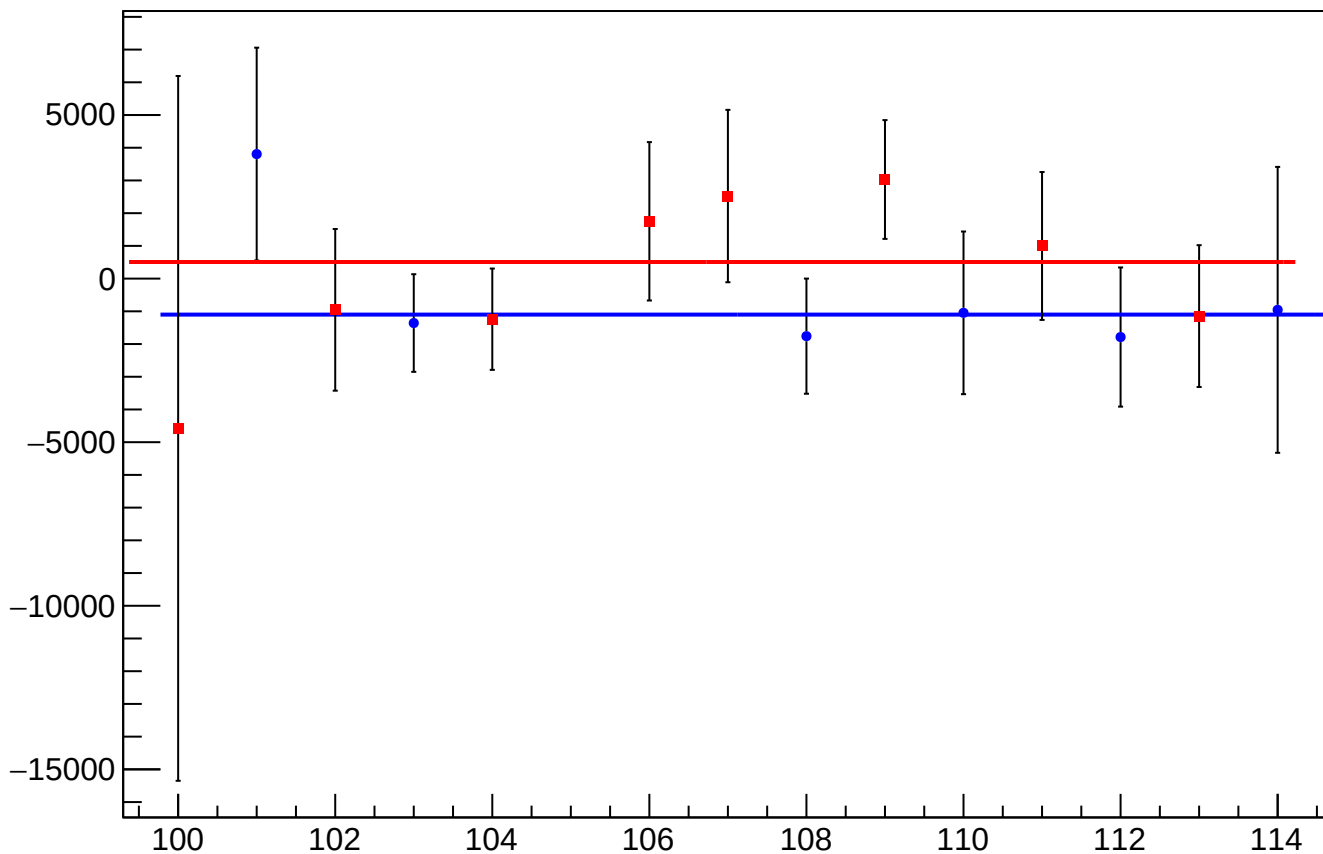
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4740.549 $\pm$ 1.481 χ^2 /NDF: 1267114.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1100.311+/-876.390 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 507.479+/-786.595 χ^2/NDF : 5.3/7

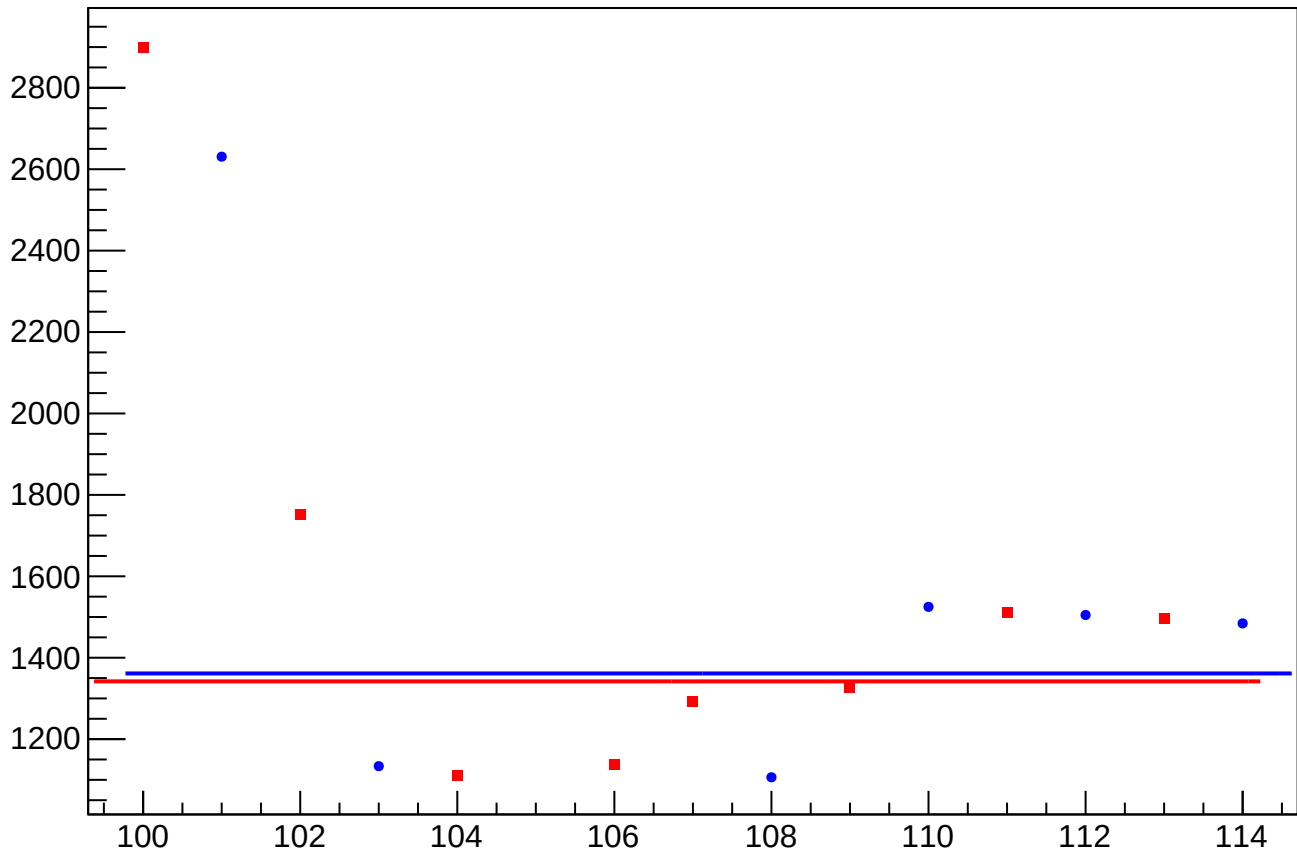
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -209.854+/-585.387 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1361.347 $\pm$ 0.620 χ^2 /NDF: 412674.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1341.914 $\pm$ 0.554 χ^2 /NDF: 179127.4/7

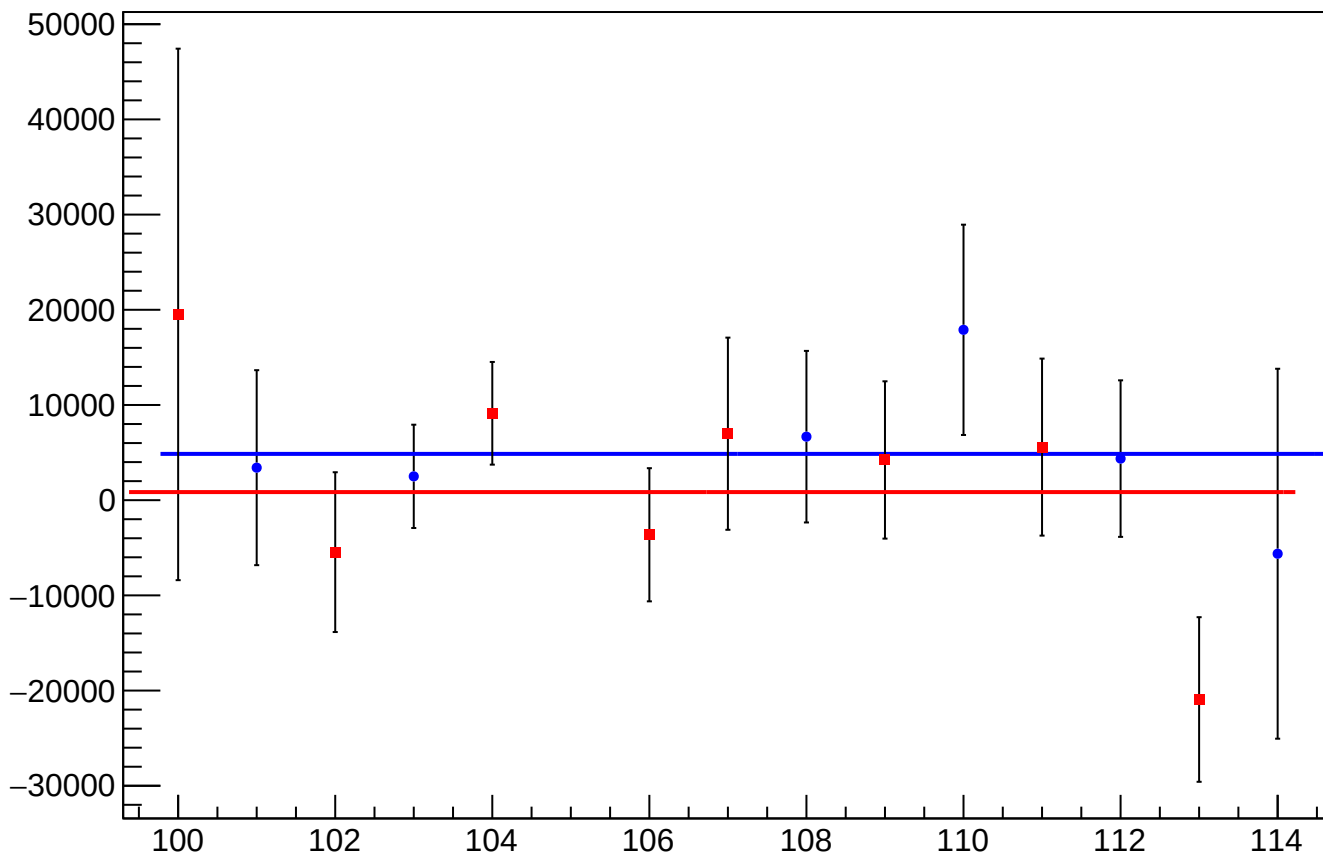
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1350.539 $\pm$ 0.413 χ^2 /NDF: 592348.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



Right In: 4862.647+/-3503.924 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.557+/-2890.305 χ^2/NDF : 10.9/7

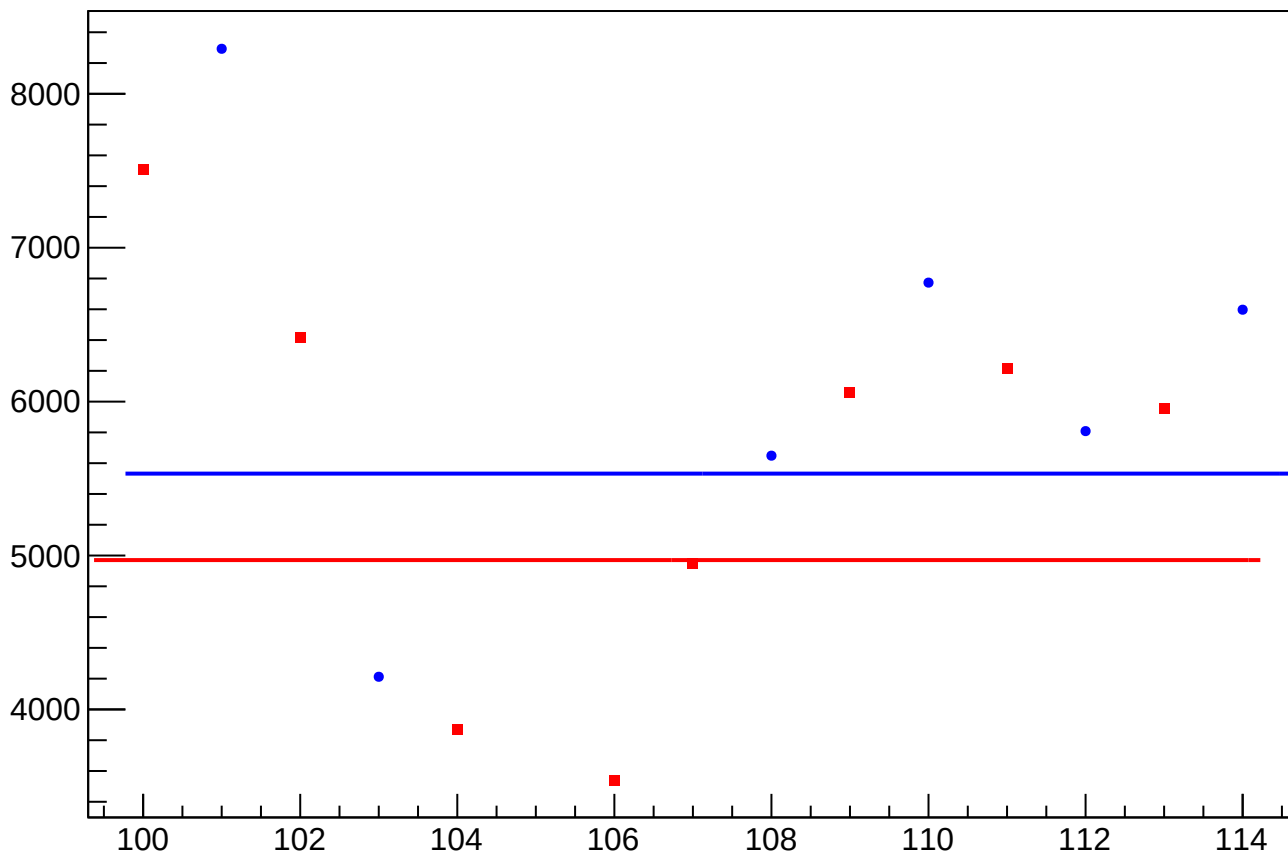
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2475.097+/-2229.639 χ^2/NDF : 13.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



Right In: 5532.263+/-2.478 χ^2/NDF : 297492.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

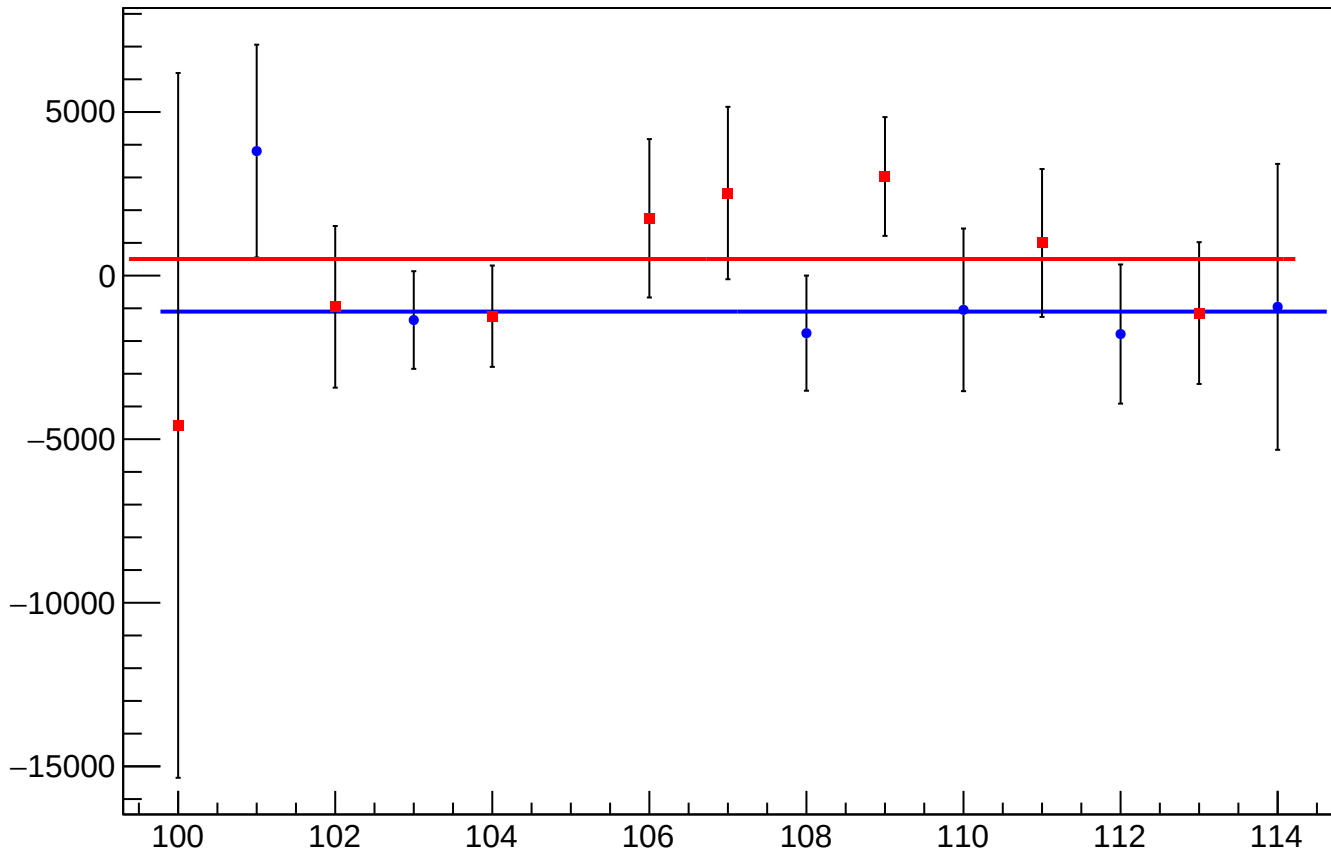
Right Out: 4970.430+/-2.044 χ^2/NDF : 339762.0/7

All: 5197.923+/-1.577 χ^2/NDF : 667854.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1100.311 $\pm$ 876.390 χ^2 /NDF: 2.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 507.479 $\pm$ 786.595 χ^2 /NDF: 5.3/7

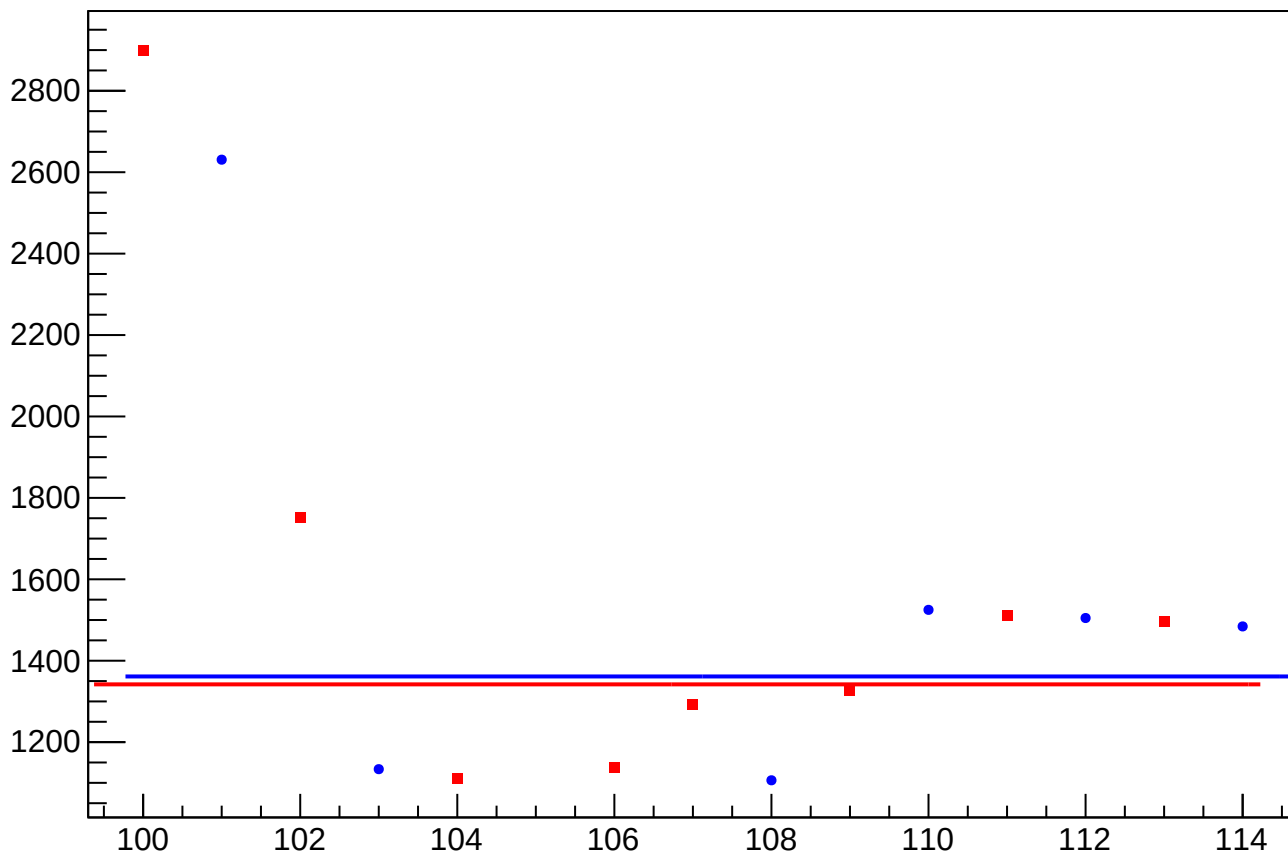
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -209.854 $\pm$ 585.387 χ^2 /NDF: 9.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1361.347+/-0.620 χ^2/NDF : 412674.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.914+/-0.554 χ^2/NDF : 179127.4/7

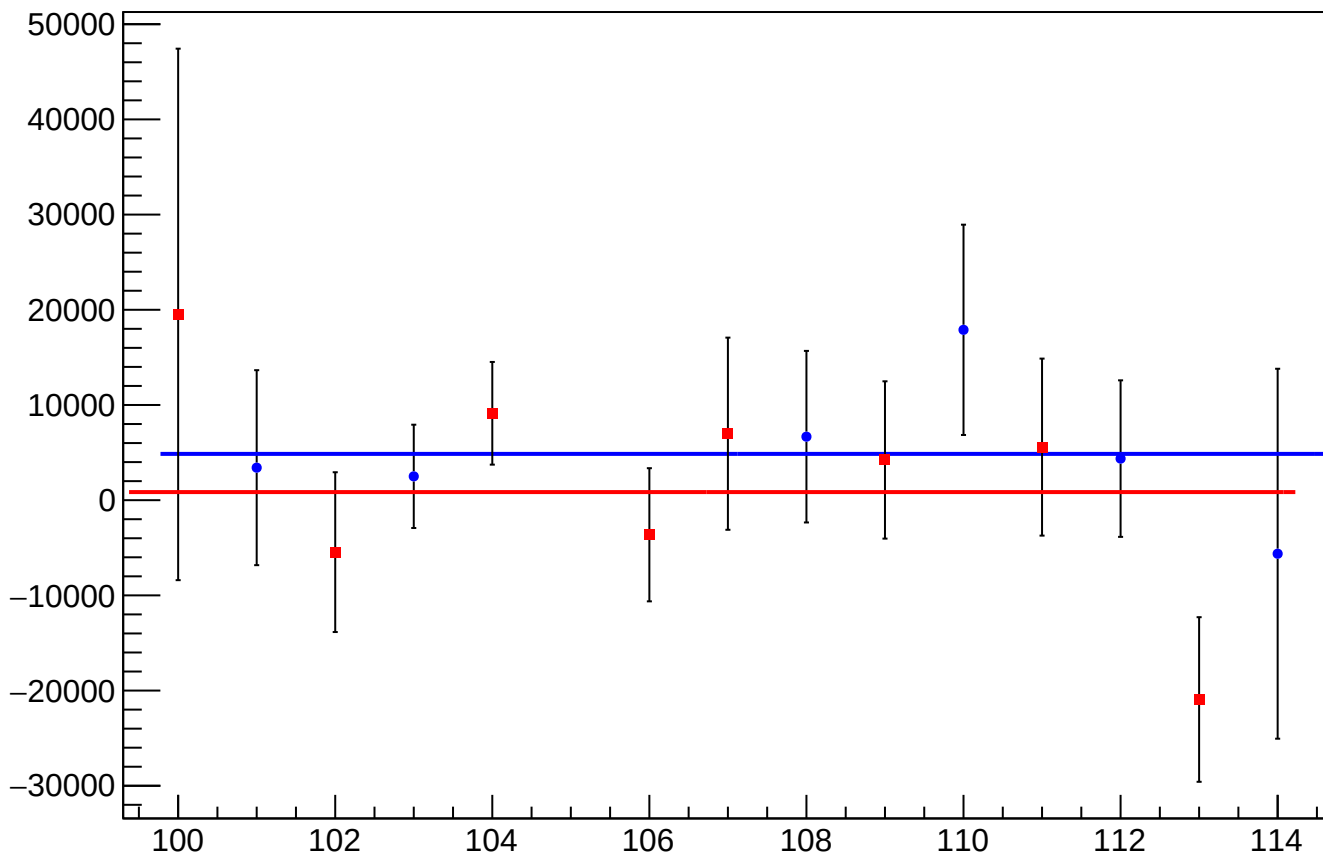
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.539+/-0.413 χ^2/NDF : 592348.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 4862.647+/-3503.924 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.557+/-2890.305 χ^2/NDF : 10.9/7

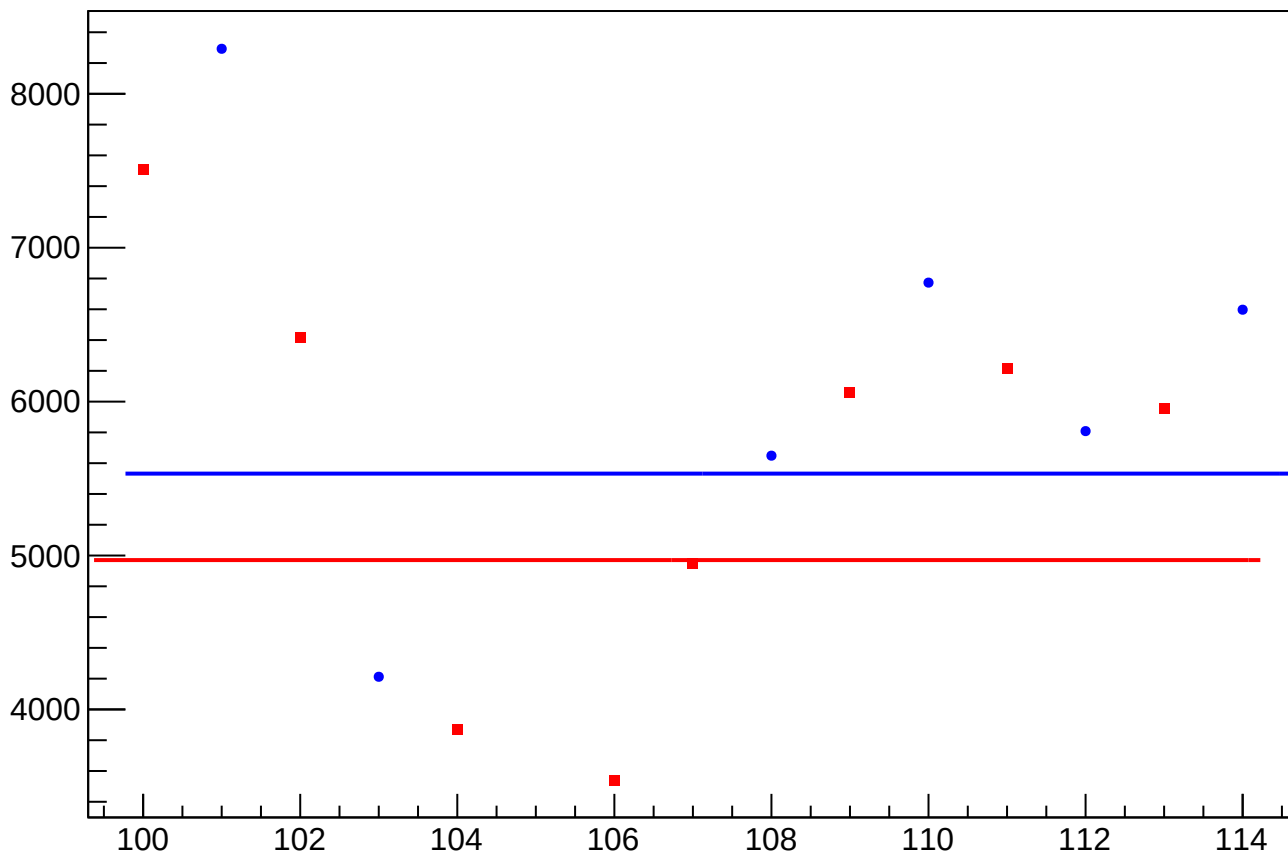
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2475.097+/-2229.639 χ^2/NDF : 13.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 5532.263 $\pm$ 2.478 χ^2 /NDF: 297492.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4970.430 $\pm$ 2.044 χ^2 /NDF: 339762.0/7

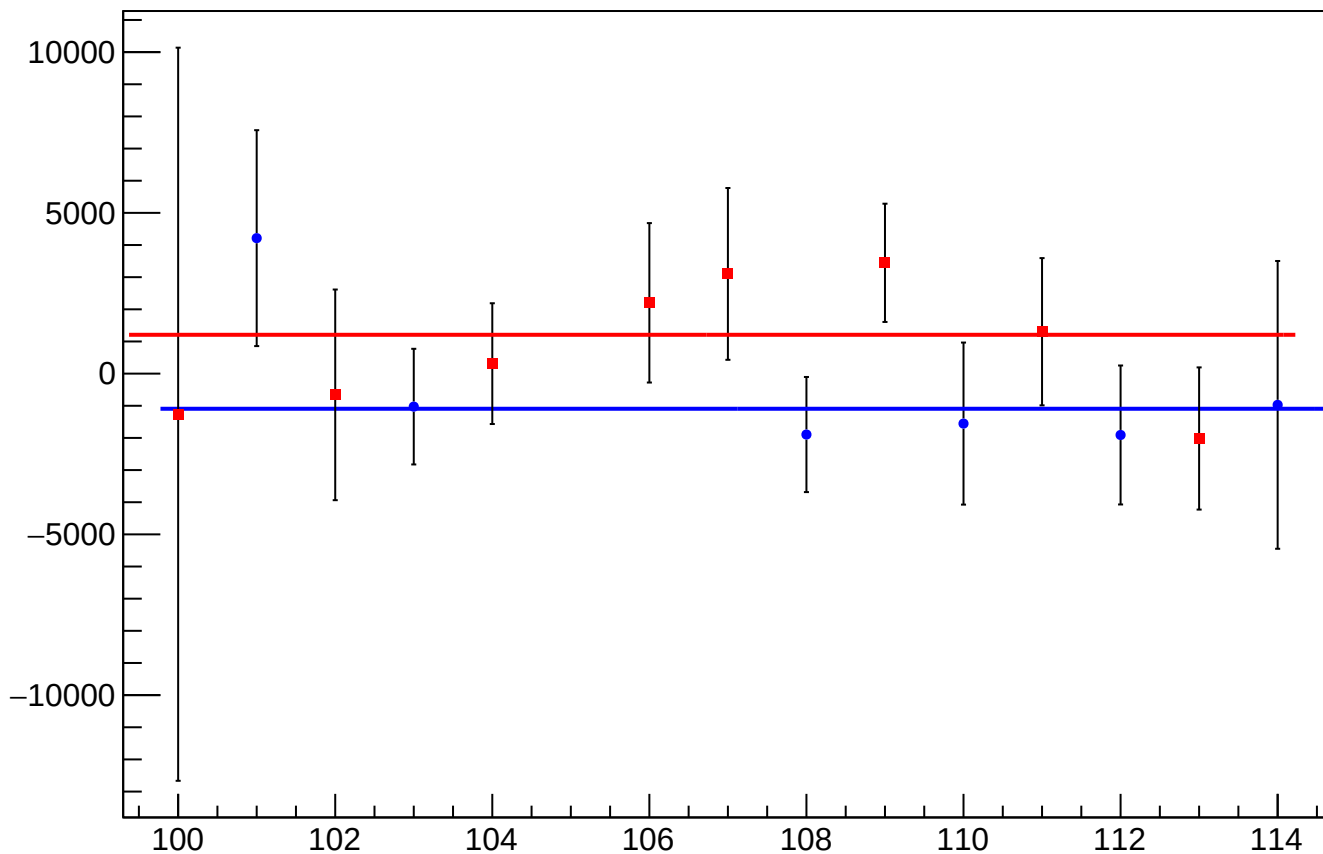
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5197.923 $\pm$ 1.577 χ^2 /NDF: 667854.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1093.078+/-940.198 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1207.724+/-851.898 χ^2/NDF : 4.9/7

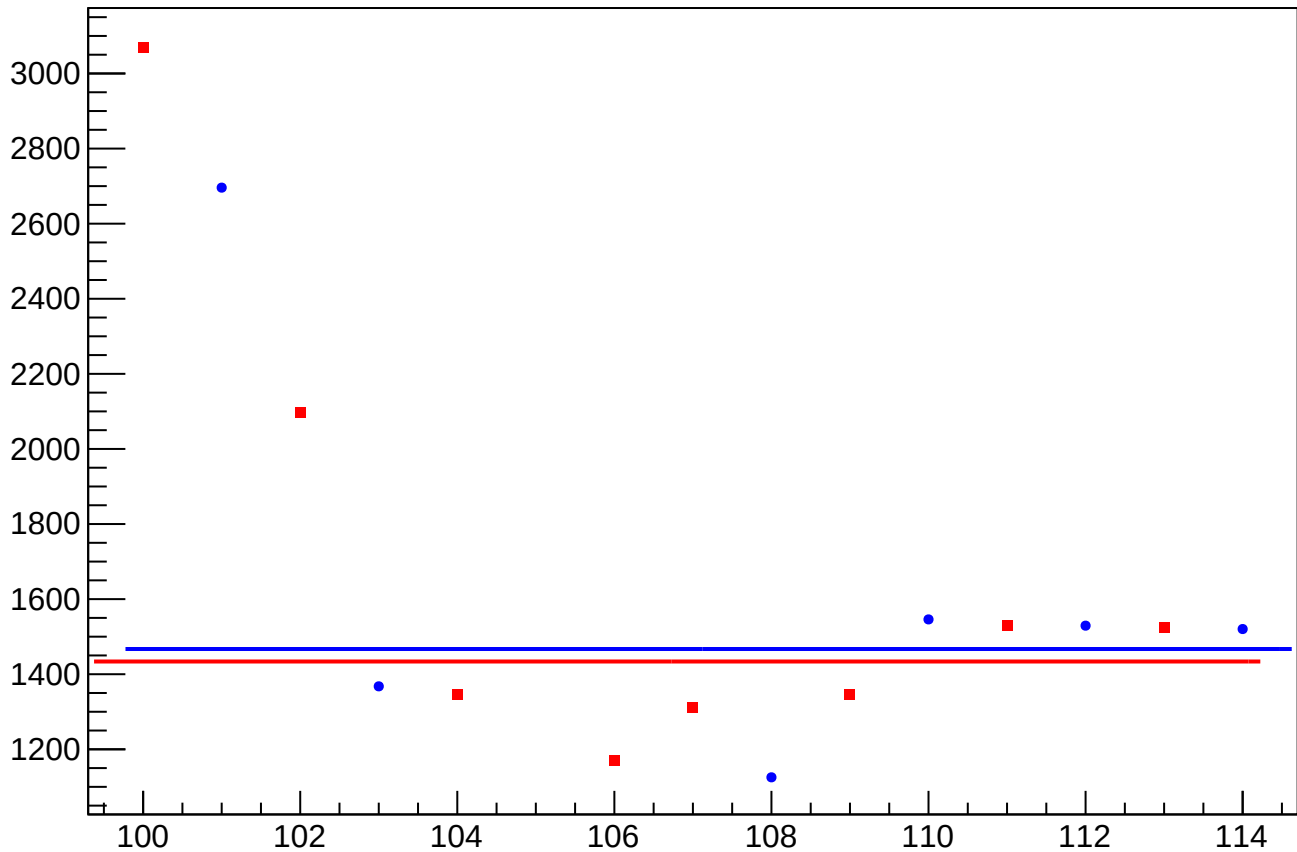
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.413+/-631.298 χ^2/NDF : 11.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1467.155+/-0.665 χ^2/NDF : 350733.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

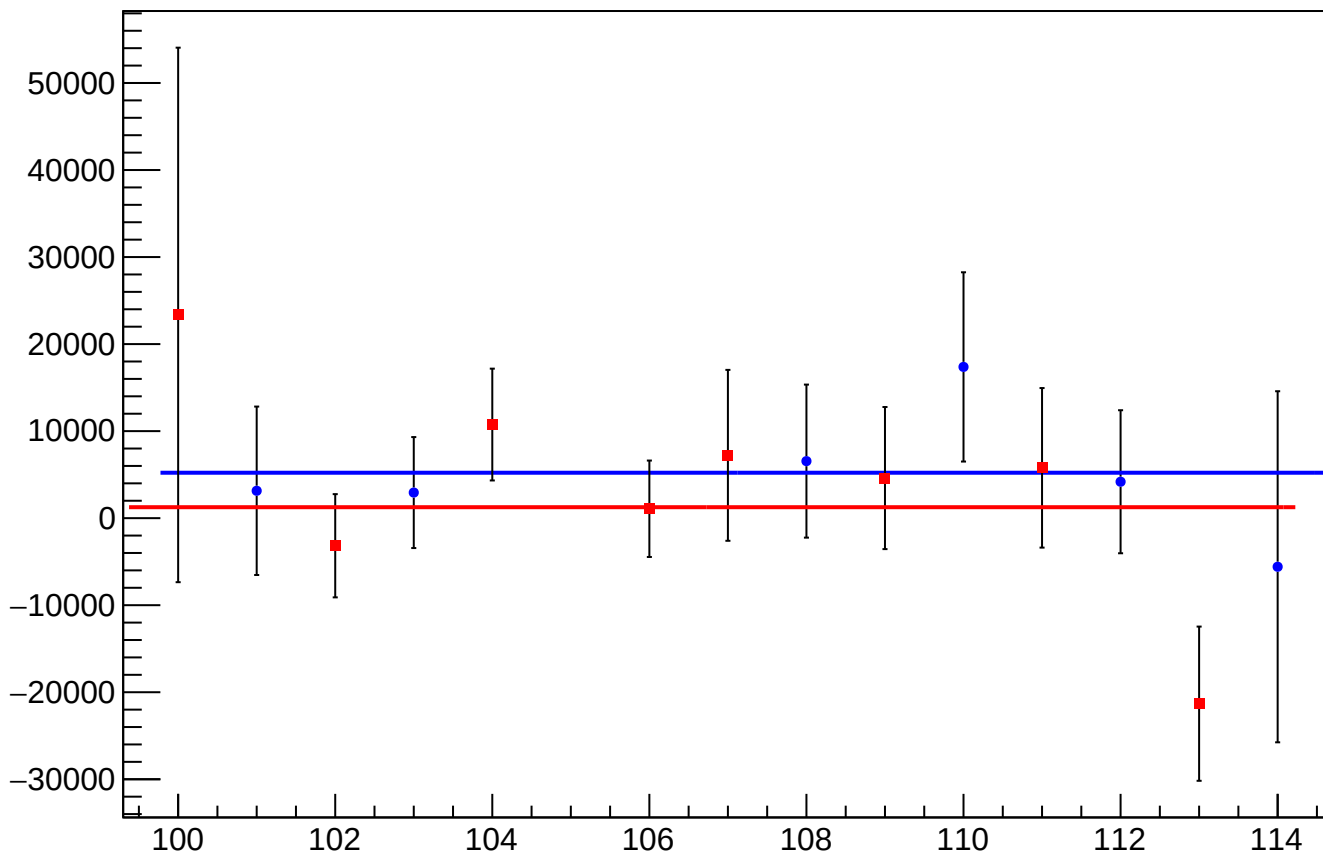
Right Out: 1433.857+/-0.602 χ^2/NDF : 165949.8/7

All: 1448.859+/-0.446 χ^2/NDF : 518061.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 5219.313+/-3677.542 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1259.141+/-2708.296 χ^2/NDF : 10.5/7

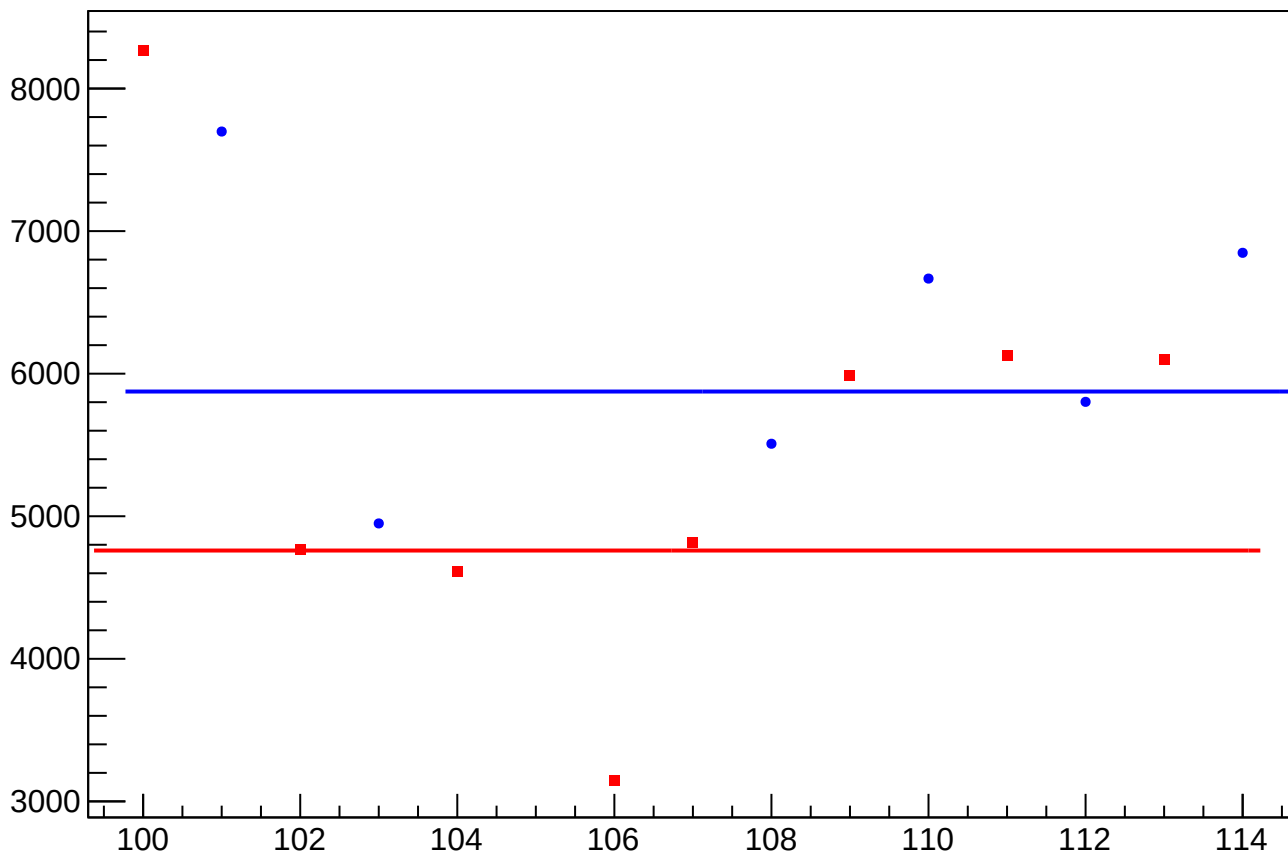
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2651.686+/-2180.746 χ^2/NDF : 13.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 5874.831 $\pm$ 2.600 χ^2 /NDF: 132055.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

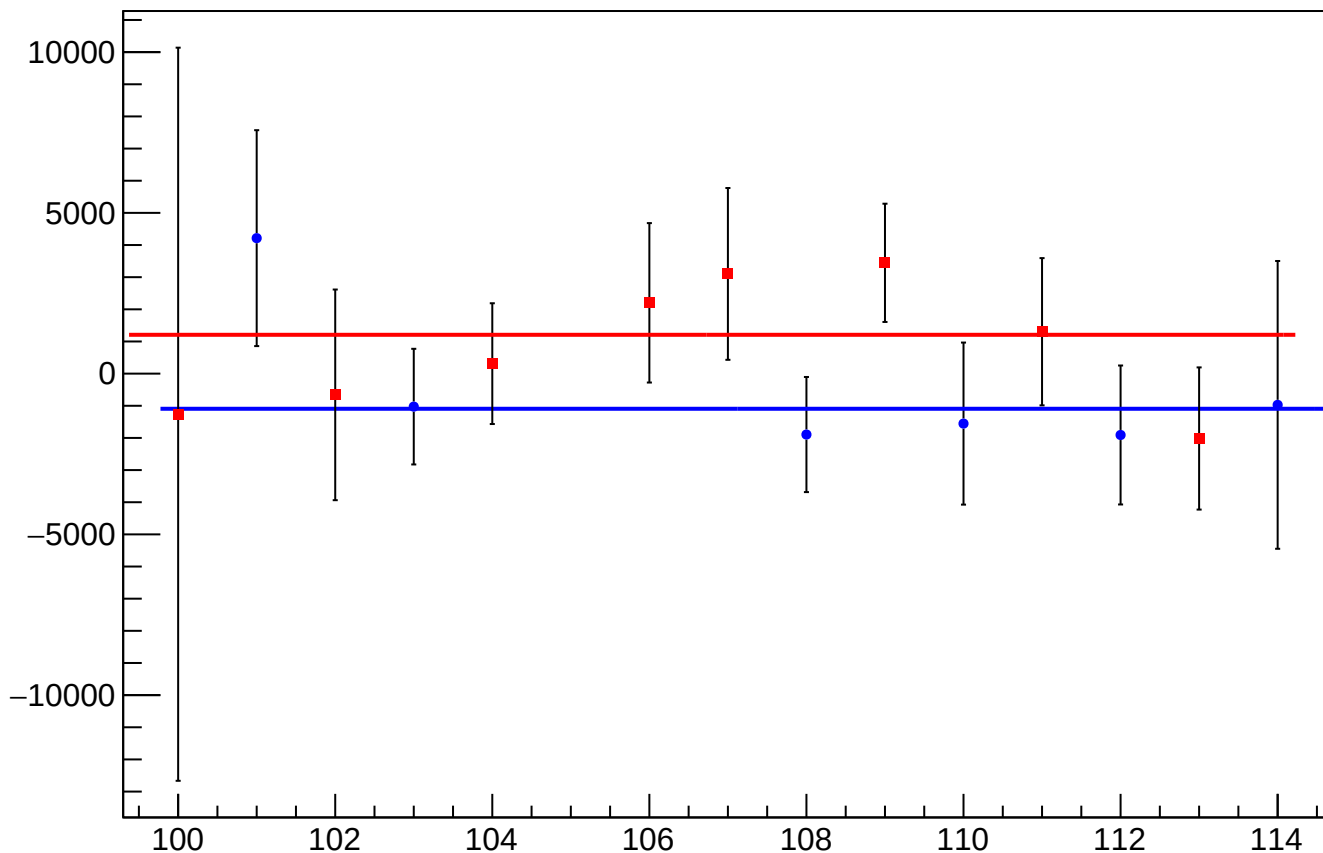
Right Out: 4759.532 $\pm$ 1.915 χ^2 /NDF: 331654.7/7

All: 5151.713 $\pm$ 1.542 χ^2 /NDF: 582975.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1093.086+/-940.198 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1207.739+/-851.898 χ^2/NDF : 4.9/7

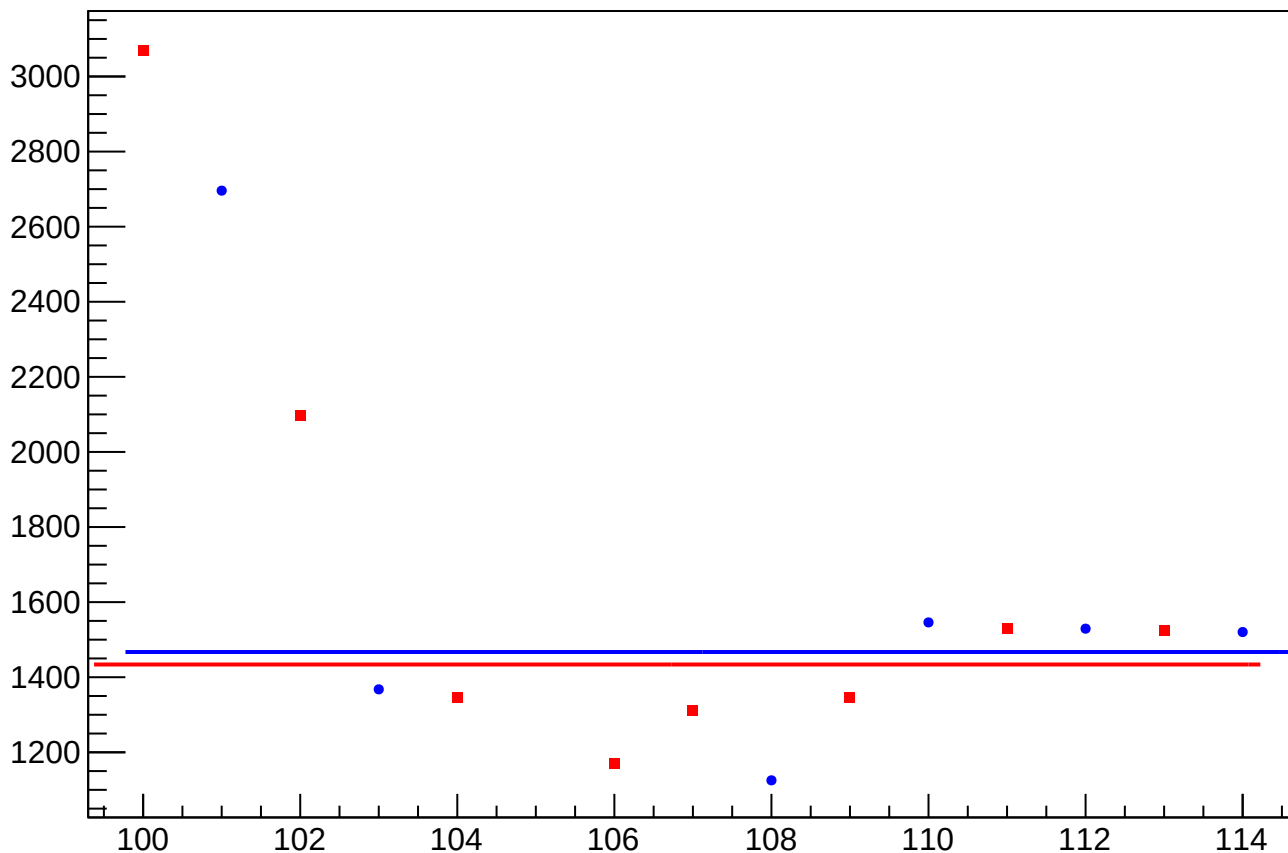
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.419+/-631.298 χ^2/NDF : 11.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1467.156 $\pm$ 0.665 χ^2 /NDF: 350732.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1433.857 $\pm$ 0.602 χ^2 /NDF: 165950.1/7

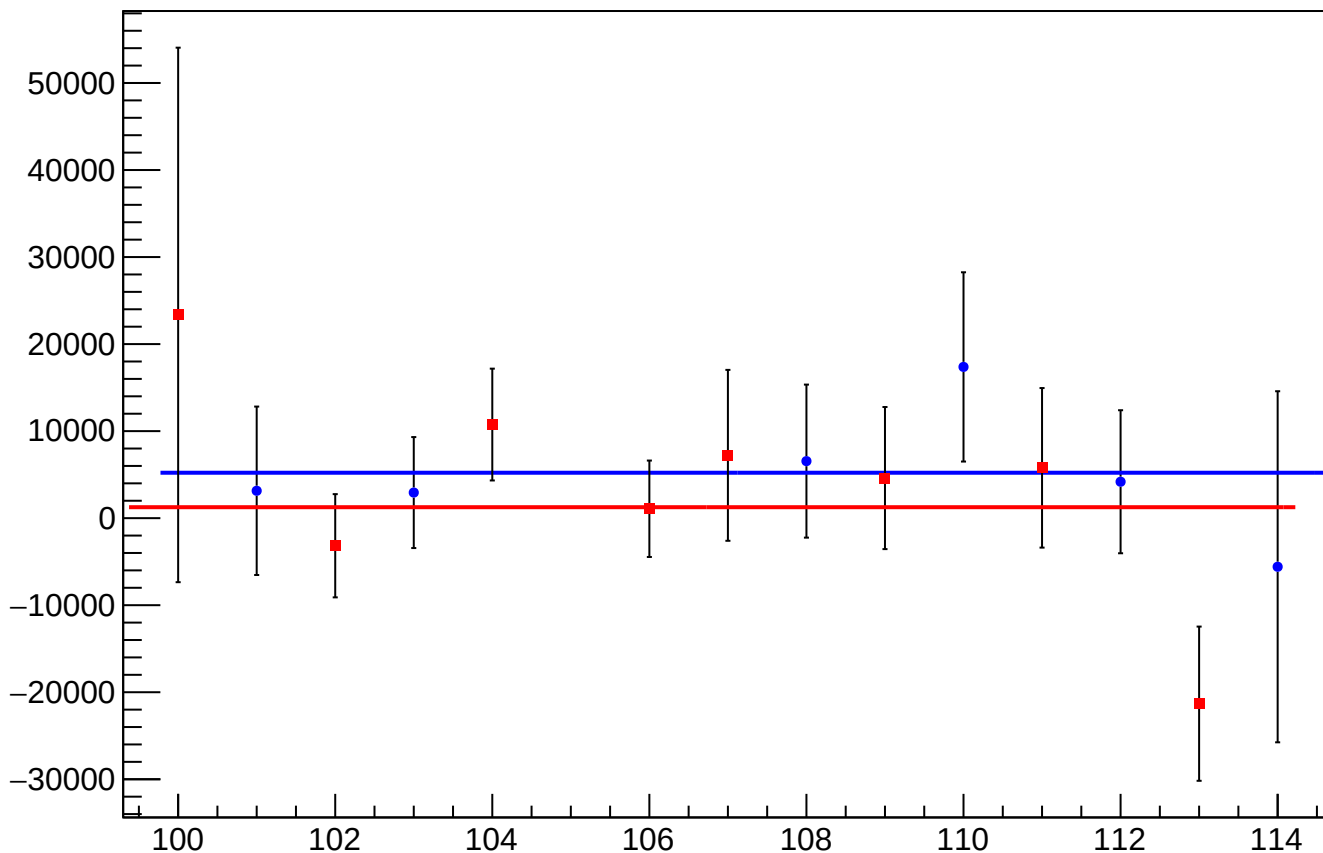
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1448.859 $\pm$ 0.446 χ^2 /NDF: 518061.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 5219.312 $\pm$ 3677.538 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1259.152 $\pm$ 2708.293 χ^2 /NDF: 10.5/7

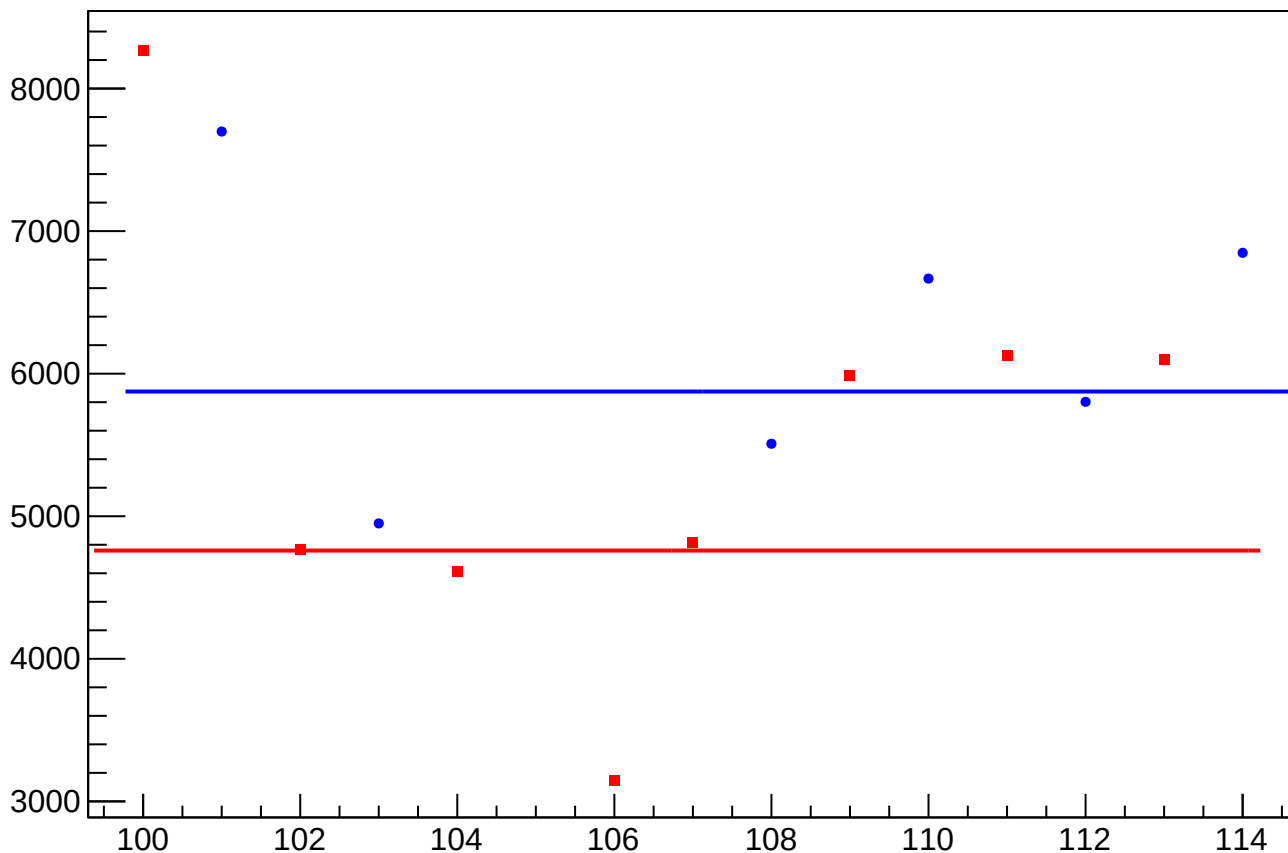
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2651.692 $\pm$ 2180.744 χ^2 /NDF: 13.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 5874.827 $\pm$ 2.600 χ^2 /NDF: 132054.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4759.525 $\pm$ 1.915 χ^2 /NDF: 331656.3/7

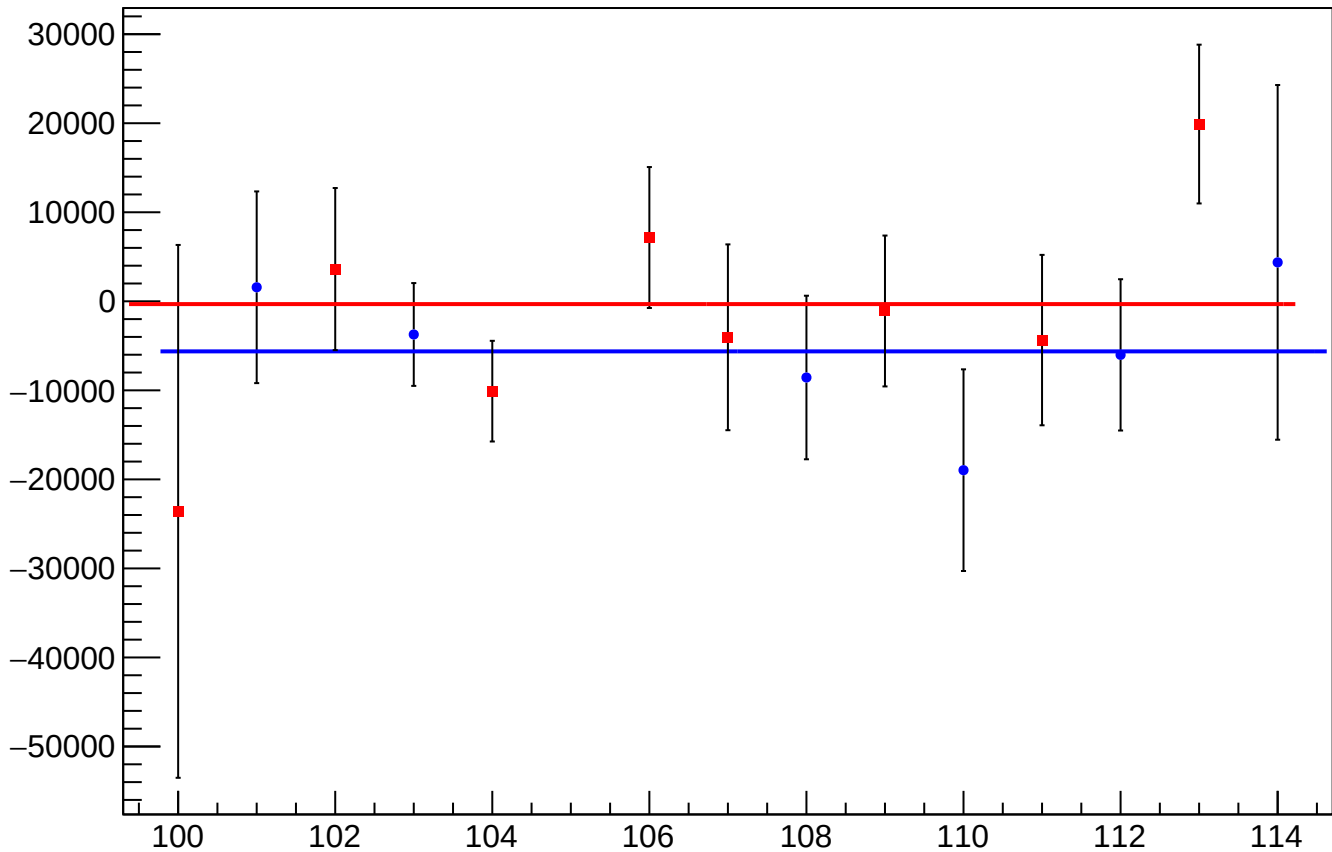
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5151.706 $\pm$ 1.542 χ^2 /NDF: 582977.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -5623.995 $\pm$ 3659.923 χ^2/NDF : 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -313.586 $\pm$ 3056.378 χ^2/NDF : 10.1/7

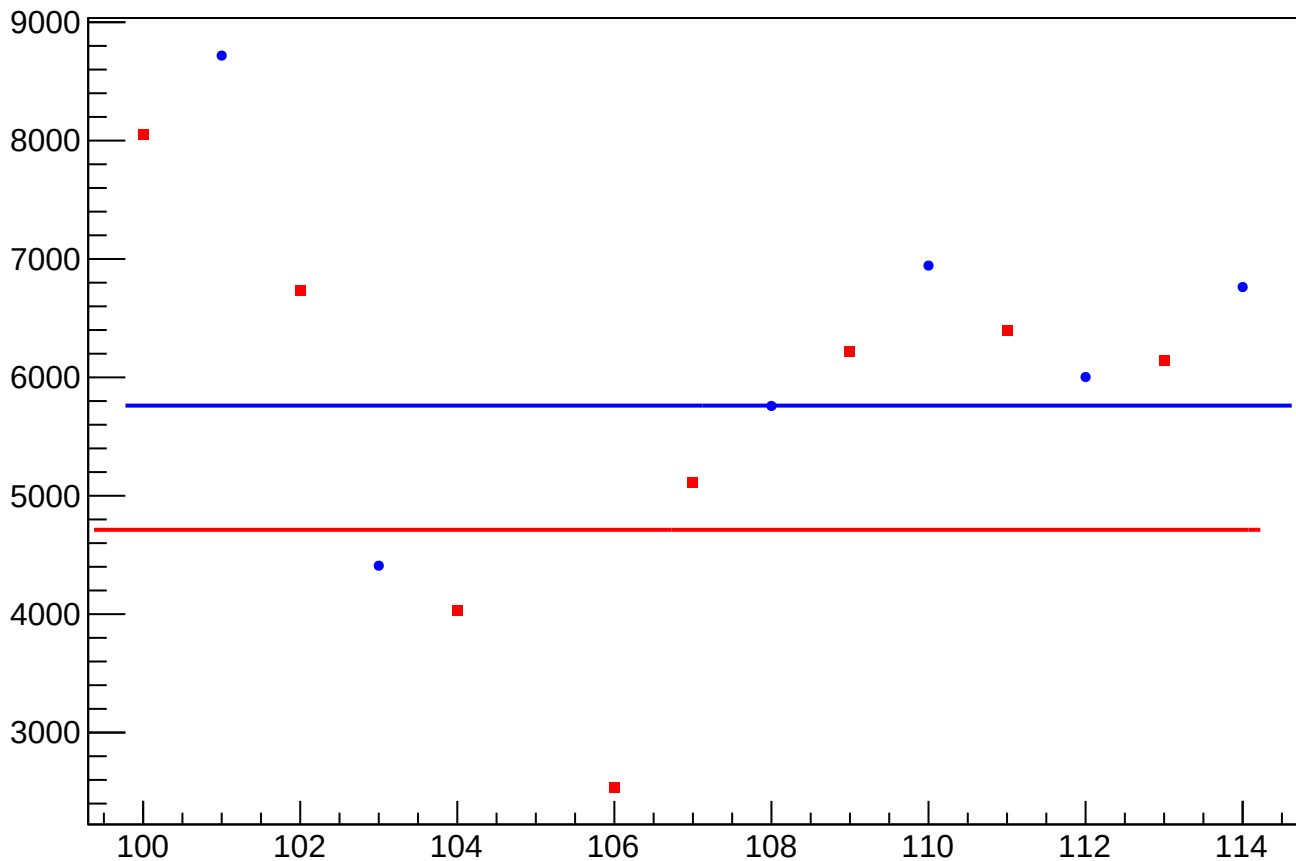
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -2495.406 $\pm$ 2345.943 χ^2/NDF : 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 5761.669+/-2.588 χ^2/NDF : 289052.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4712.619+/-2.022 χ^2/NDF : 627066.1/7

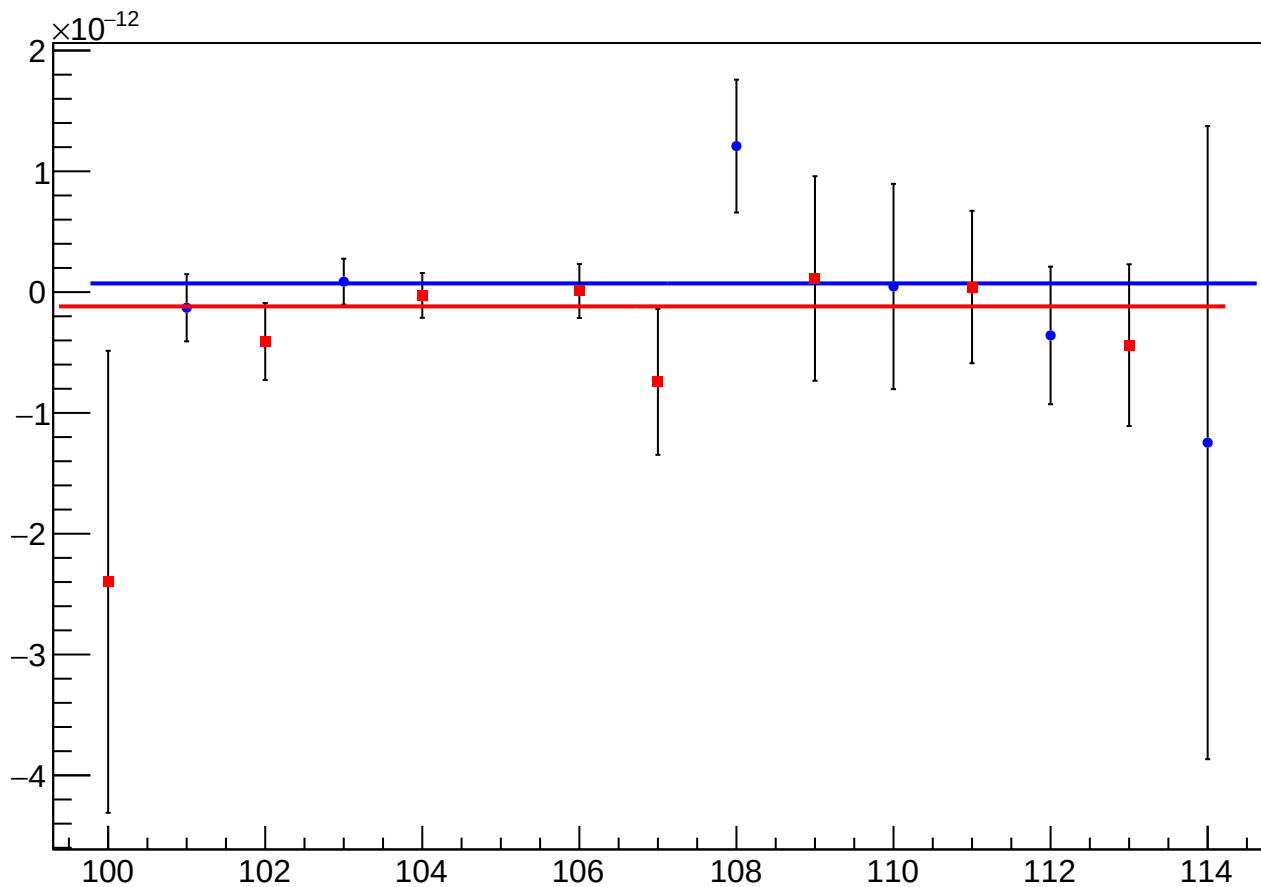
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5110.212+/-1.593 χ^2/NDF : 1018161.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/7

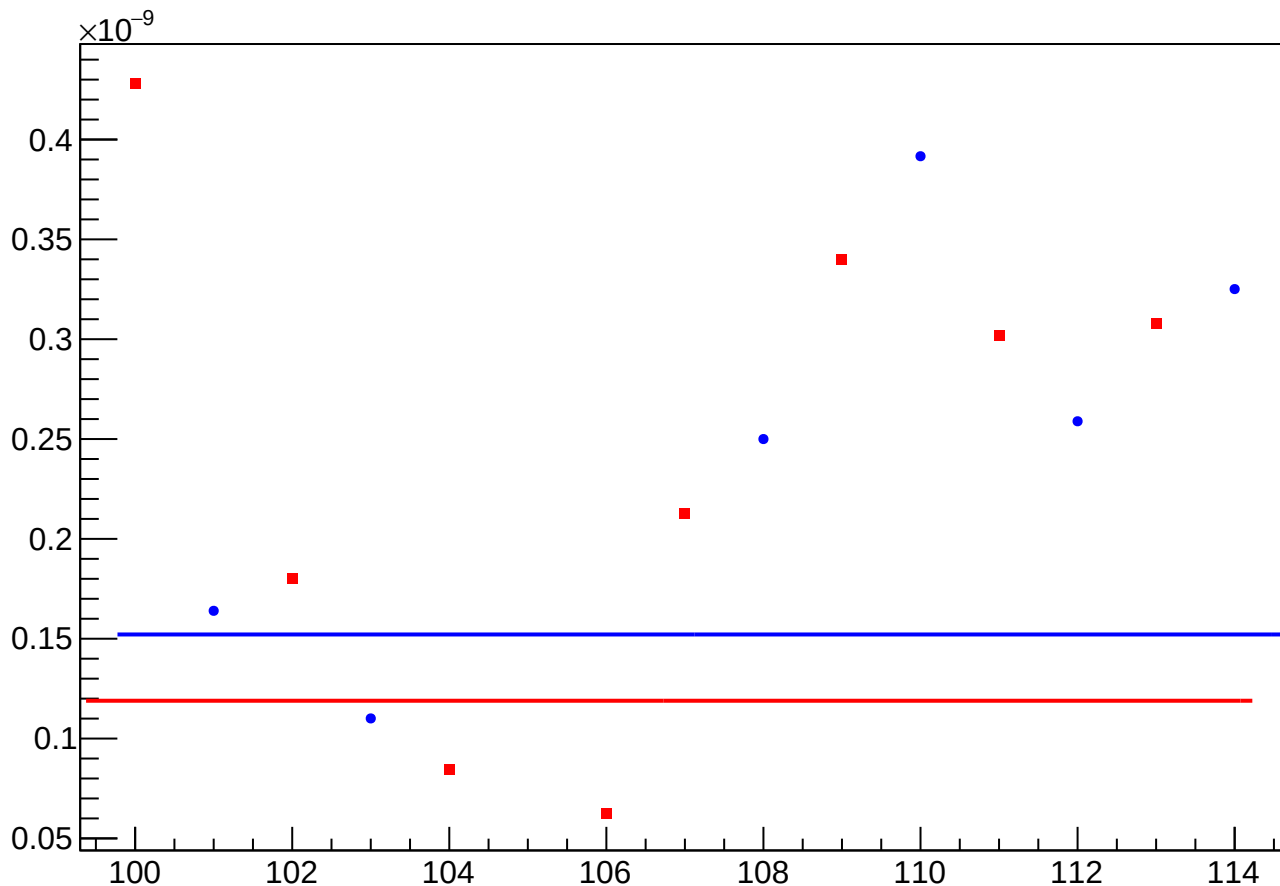
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 402788.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 835775.8/7

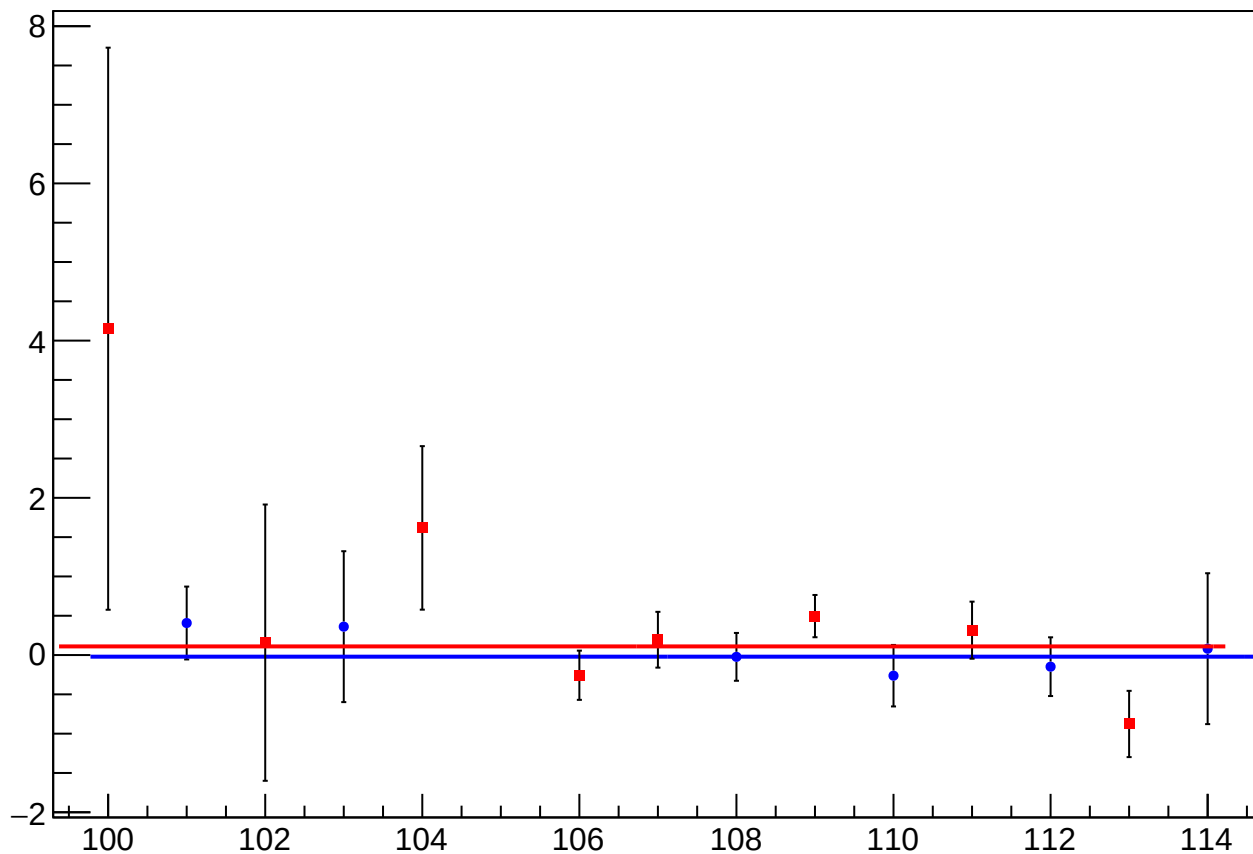
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1301005.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.021+/-0.179 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.147 χ^2/NDF : 12.7/7

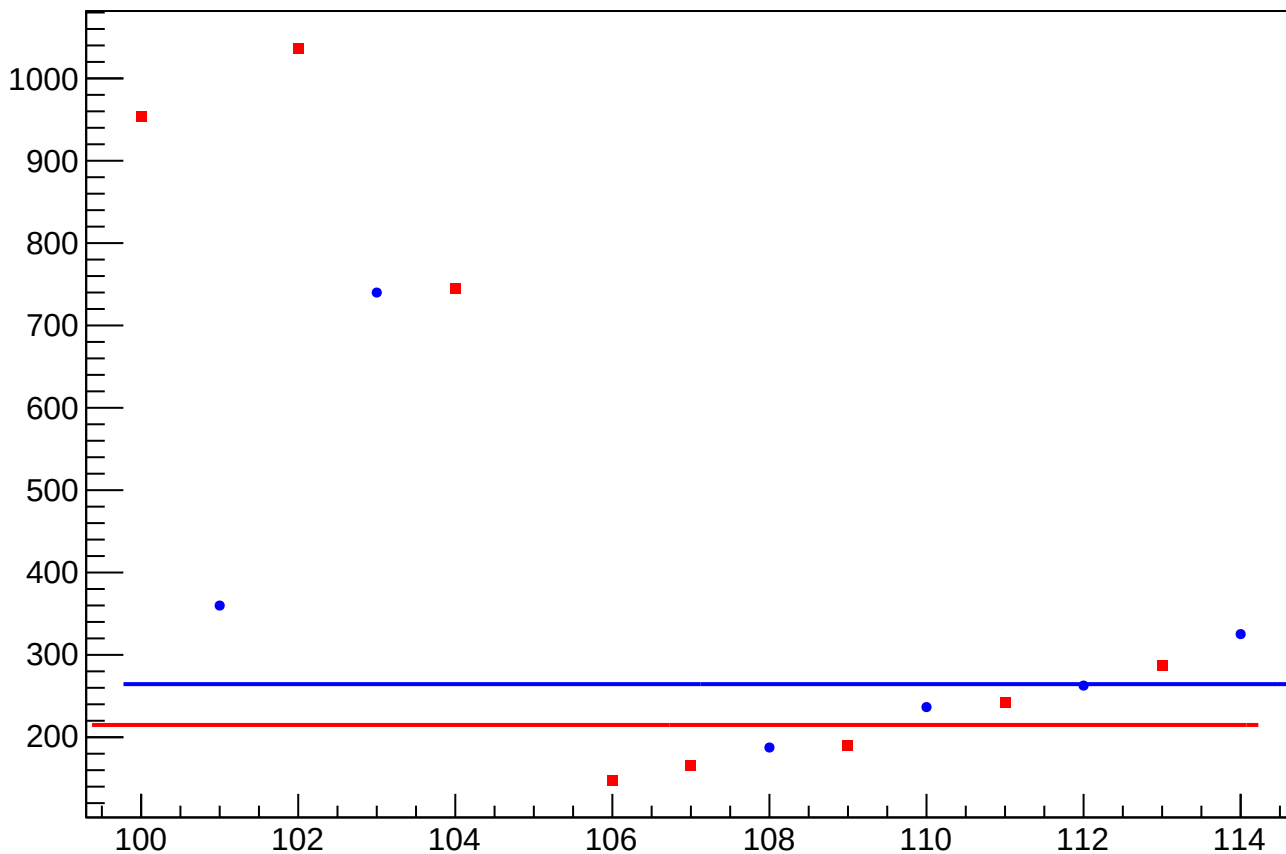
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.113 χ^2/NDF : 14.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 264.480 $\pm$ 0.126 χ^2 /NDF: 721637.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 214.909 $\pm$ 0.104 χ^2 /NDF: 1259990.9/7

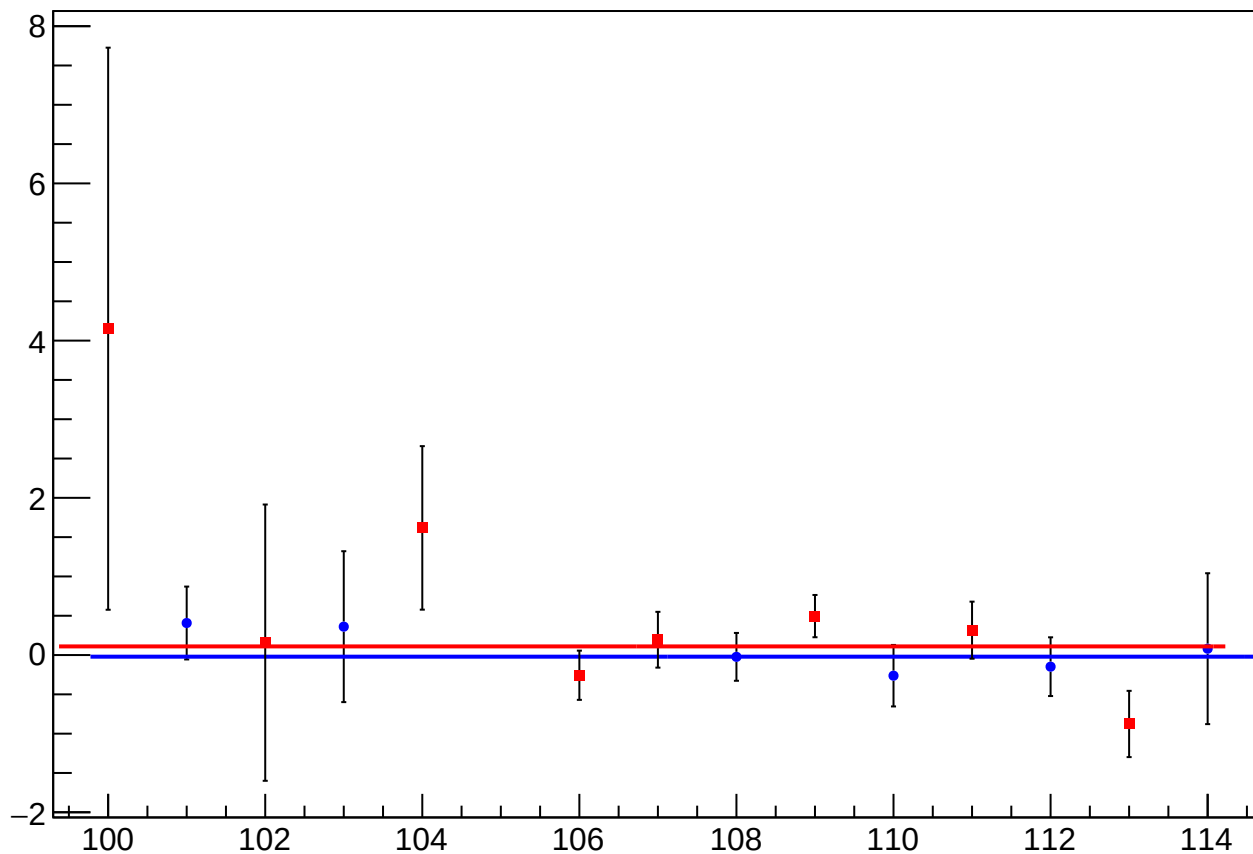
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.855 $\pm$ 0.080 χ^2 /NDF: 2073635.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.179 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.110 $\pm$ 0.147 χ^2 /NDF: 12.7/7

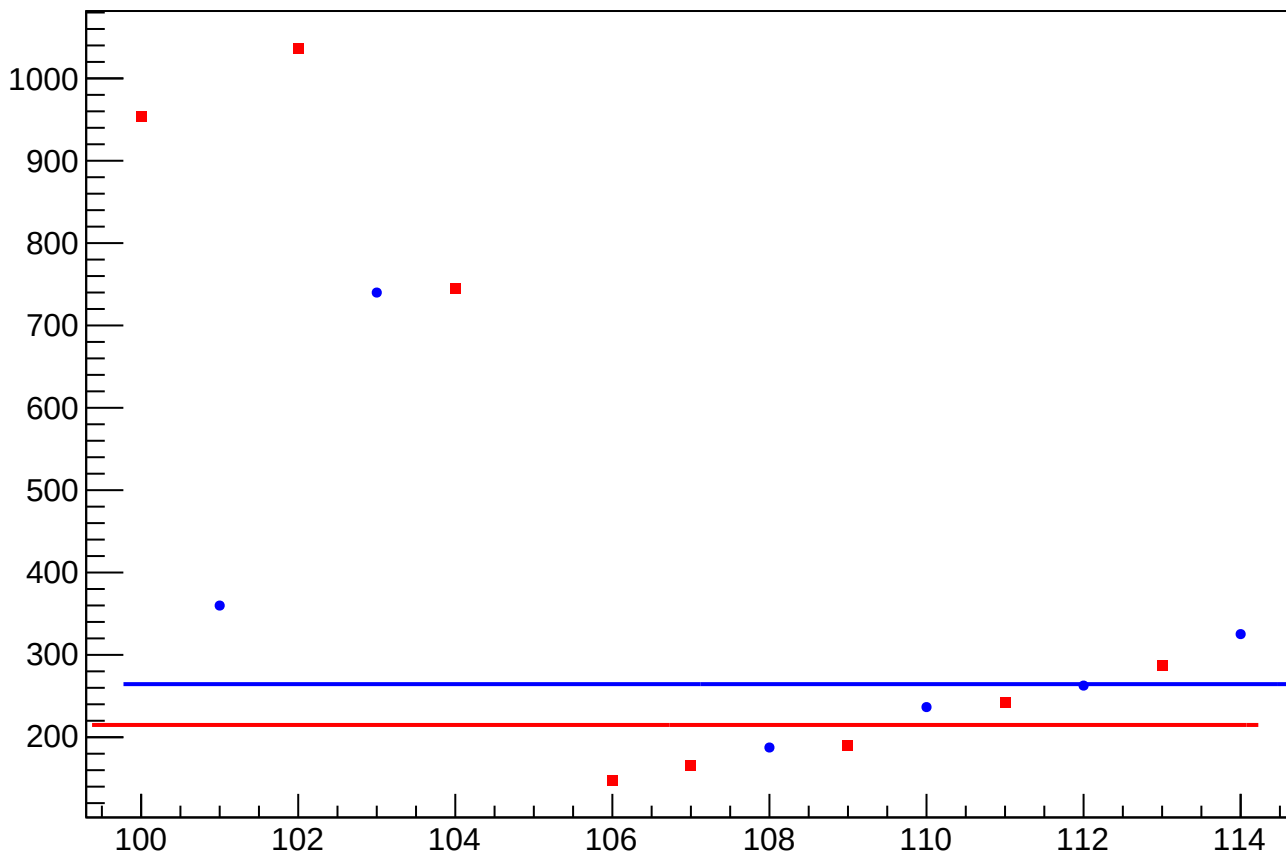
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.113 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 264.480+/-0.126 χ^2/NDF : 721637.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.909+/-0.104 χ^2/NDF : 1259990.9/7

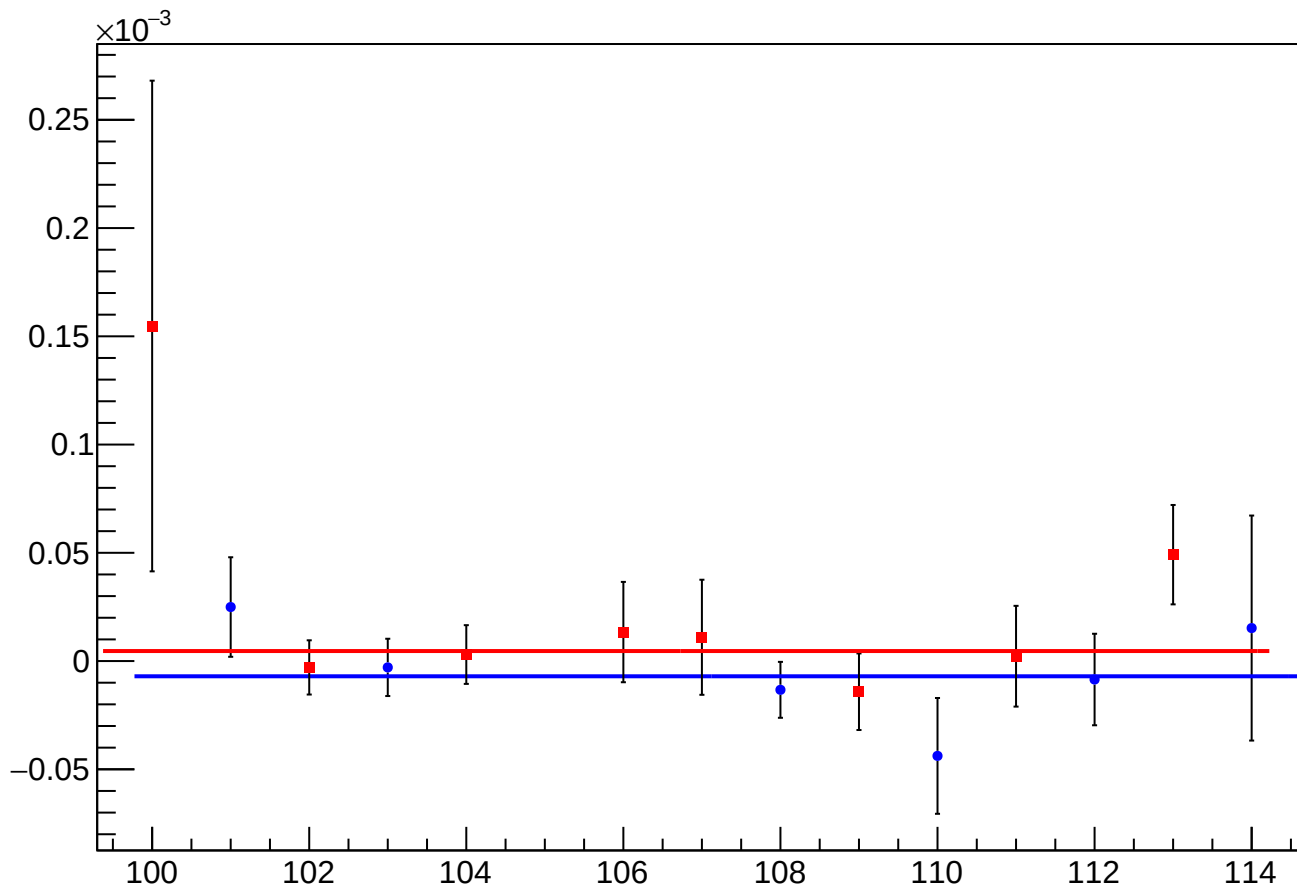
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.855+/-0.080 χ^2/NDF : 2073635.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/7

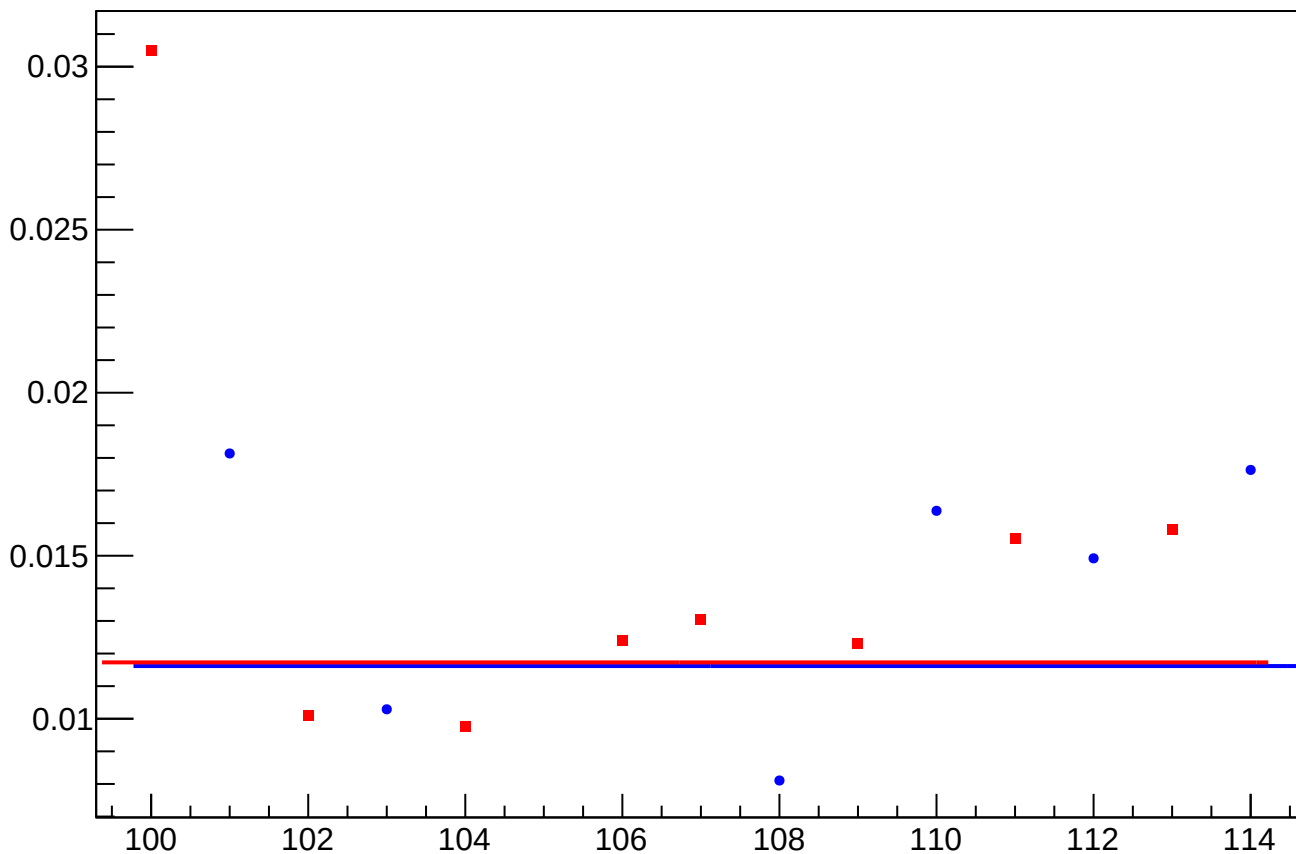
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 467776.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 256785.0/7

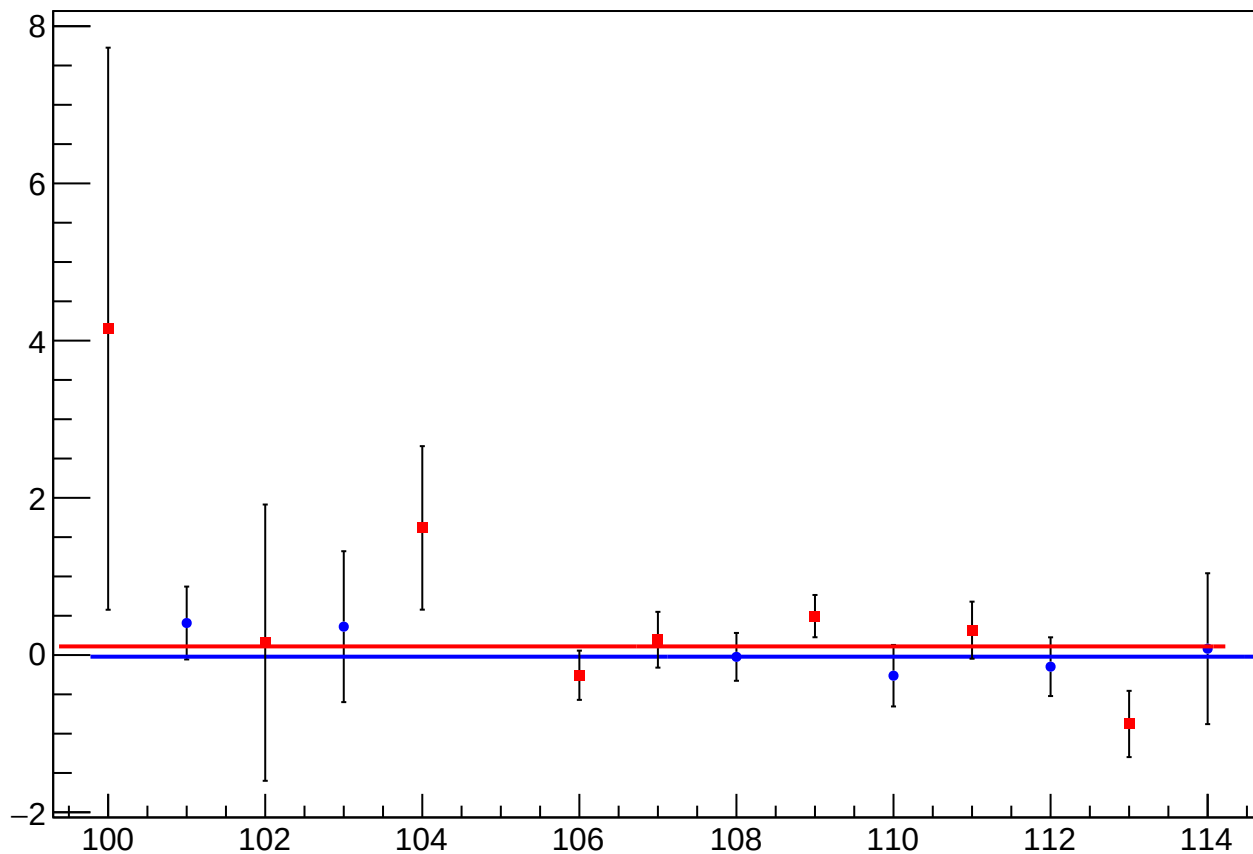
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 724812.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.179 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.110 $\pm$ 0.147 χ^2 /NDF: 12.7/7

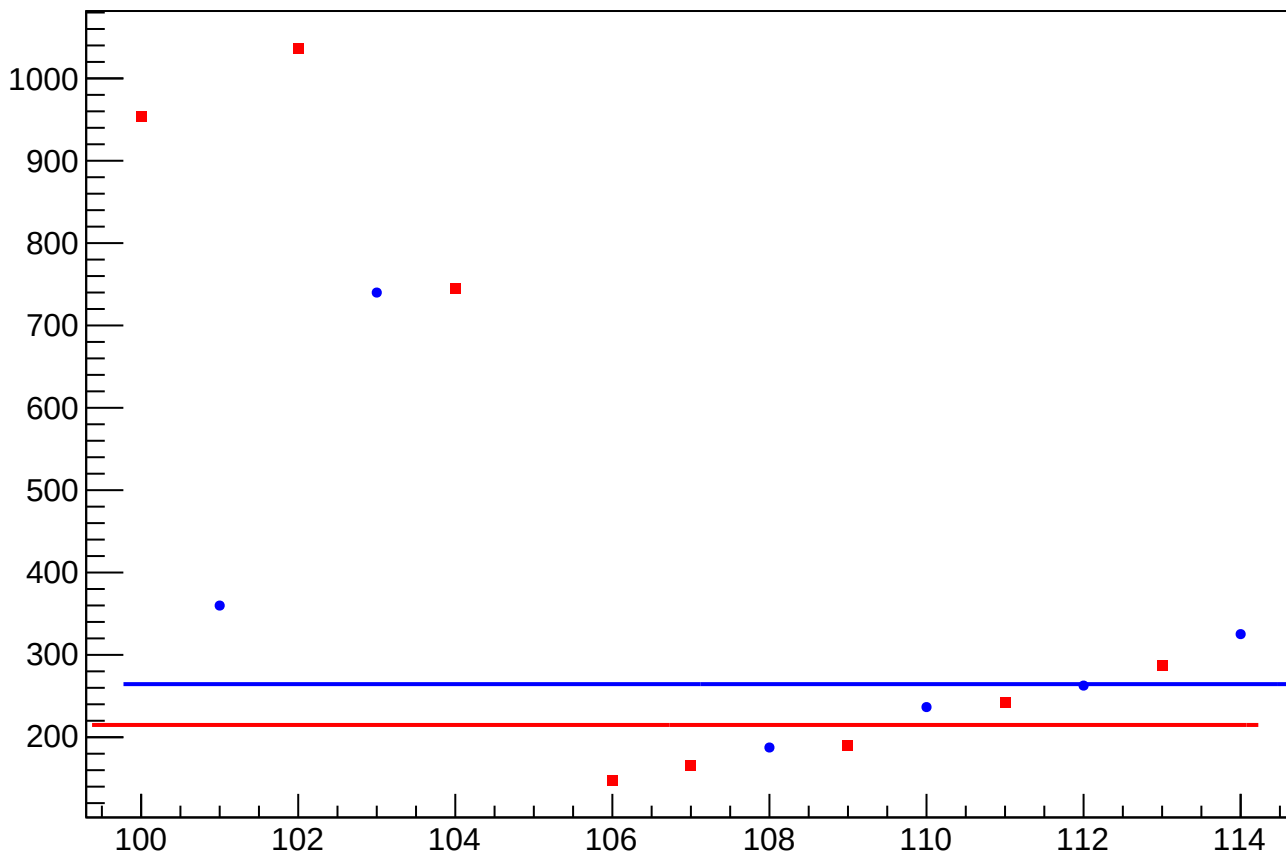
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.113 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 264.483+/-0.126 χ^2/NDF : 721611.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.910+/-0.104 χ^2/NDF : 1259995.8/7

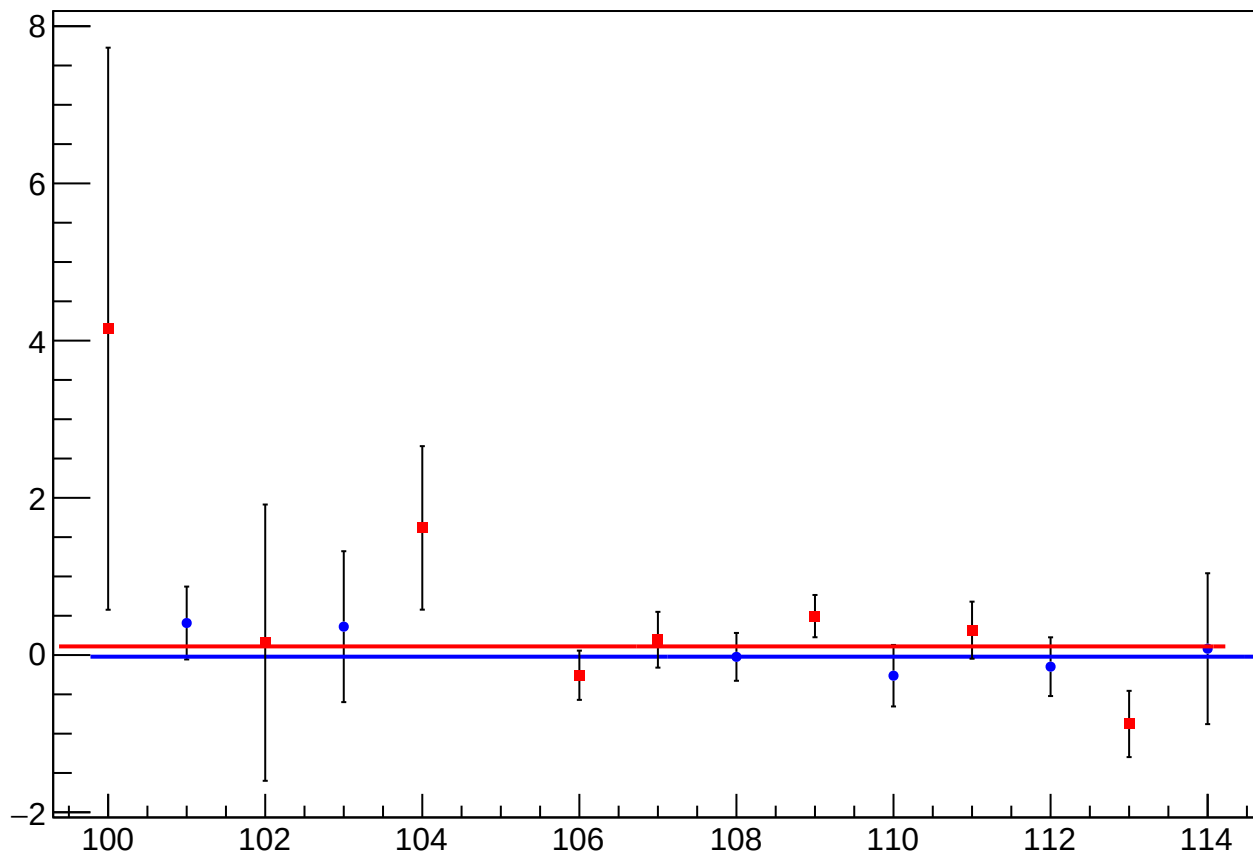
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.857+/-0.080 χ^2/NDF : 2073622.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 ± 0.179 χ^2/NDF : 1.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.110 ± 0.147 χ^2/NDF : 12.7/7

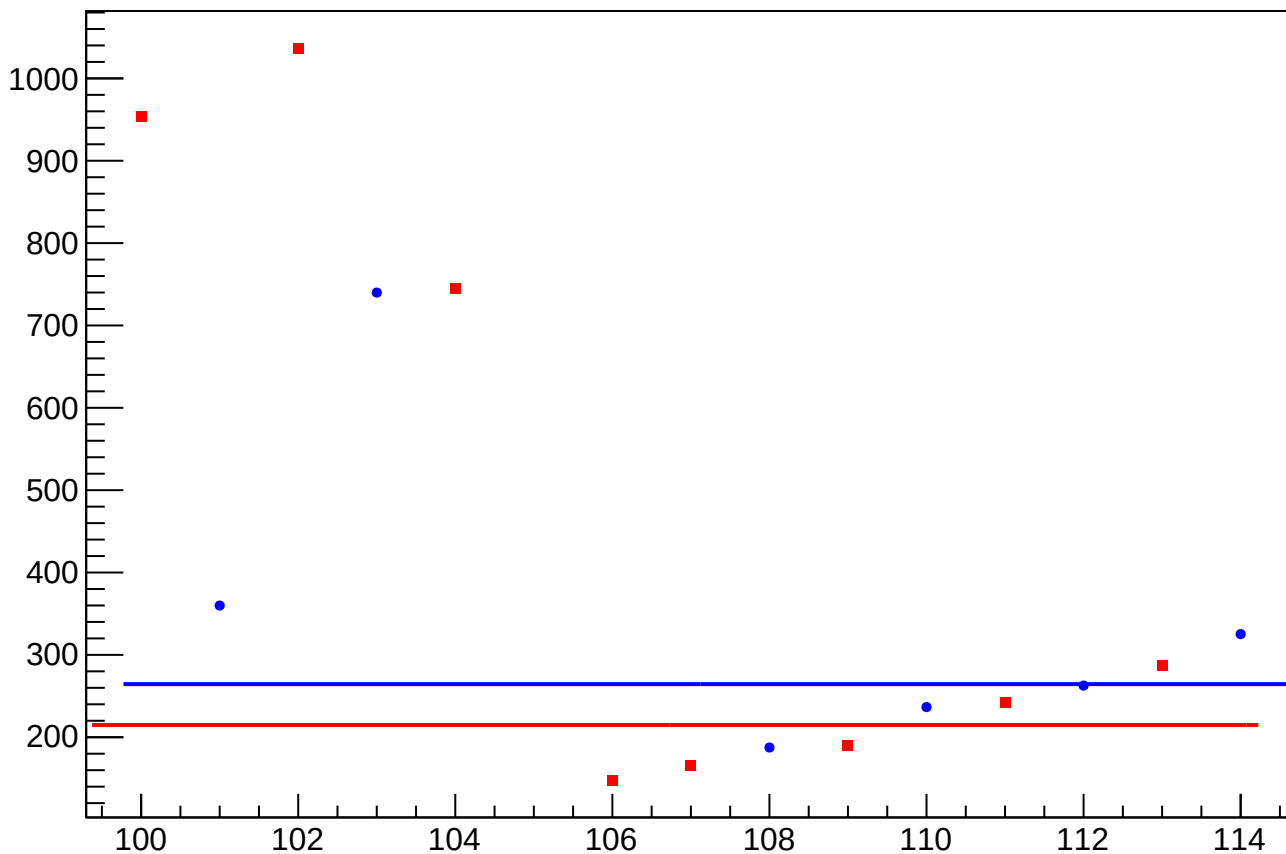
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.057 ± 0.113 χ^2/NDF : 14.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 264.483+/-0.126 χ^2/NDF : 721611.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.910+/-0.104 χ^2/NDF : 1259995.8/7

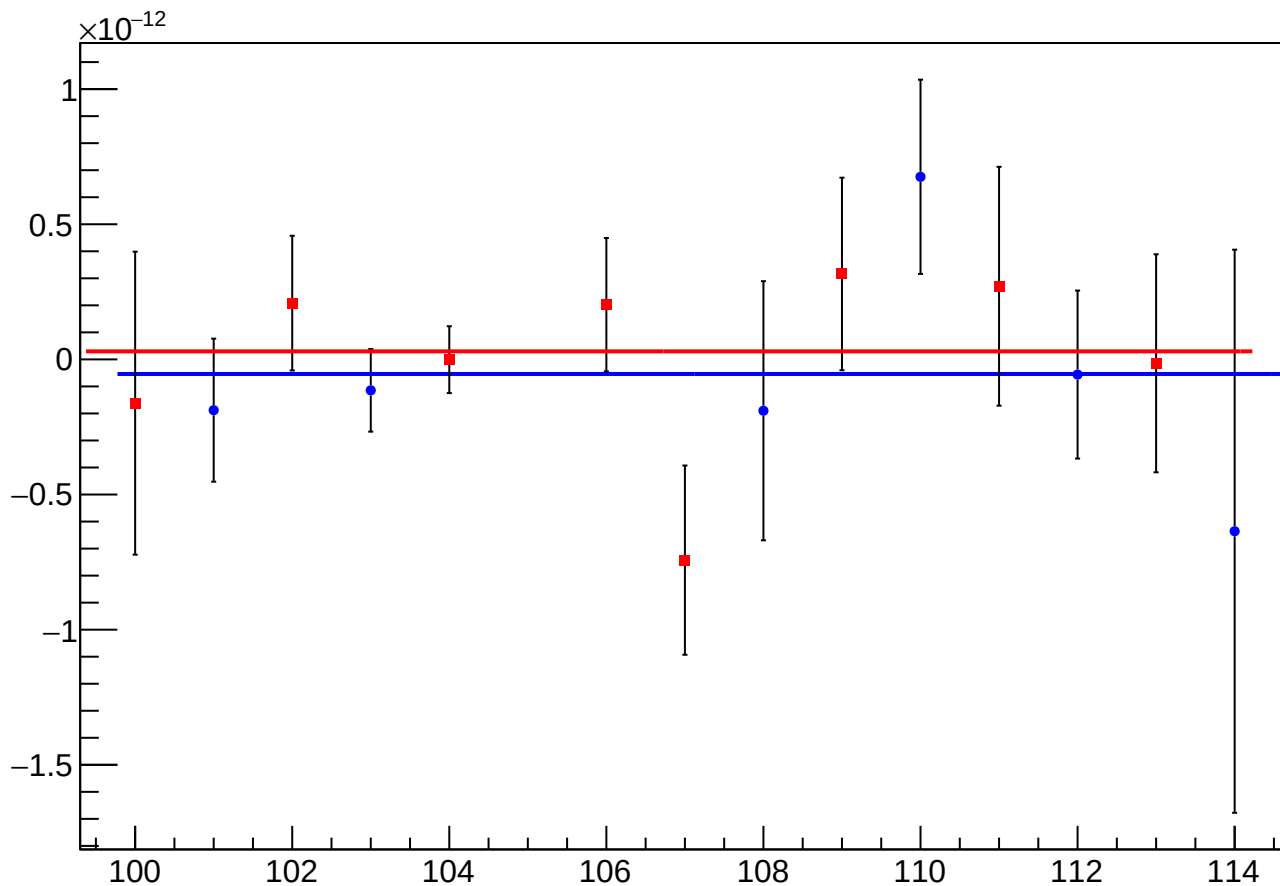
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.857+/-0.080 χ^2/NDF : 2073622.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/7

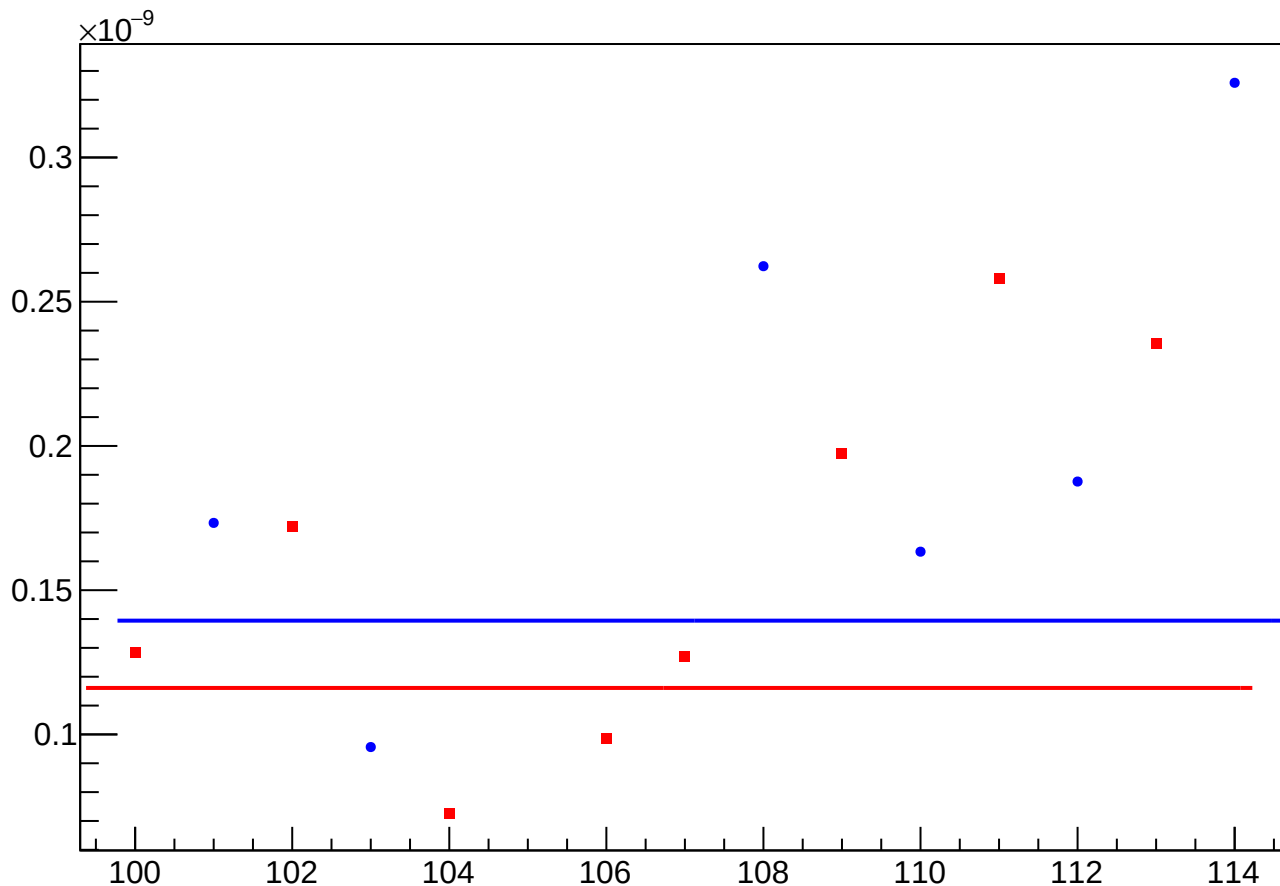
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 449593.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 848346.5/7

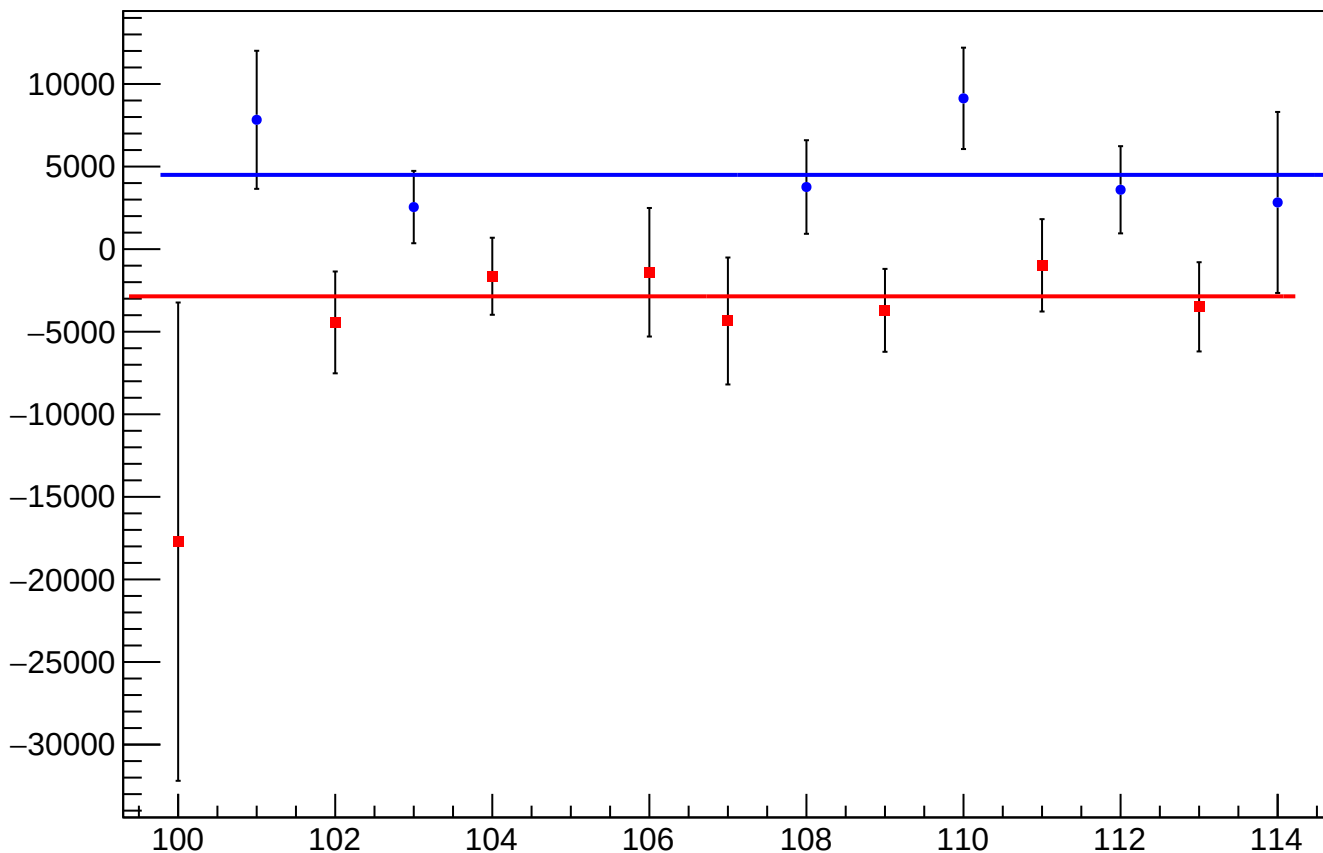
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1351772.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4496.357+/-1218.845 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2857.923+/-1083.966 χ^2/NDF : 2.5/7

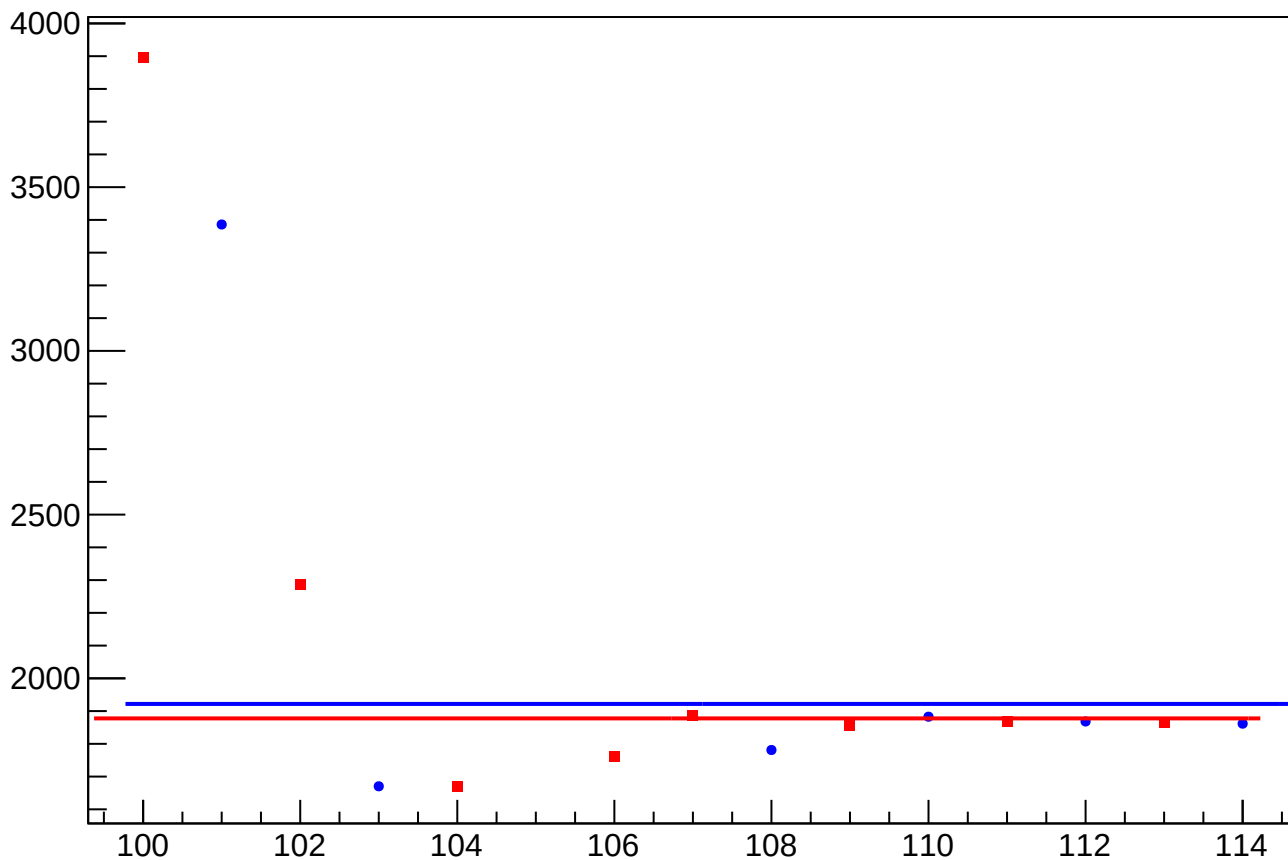
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.938+/-809.985 χ^2/NDF : 26.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1921.858+/-0.862 χ^2/NDF : 278052.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.666+/-0.761 χ^2/NDF : 92164.9/7

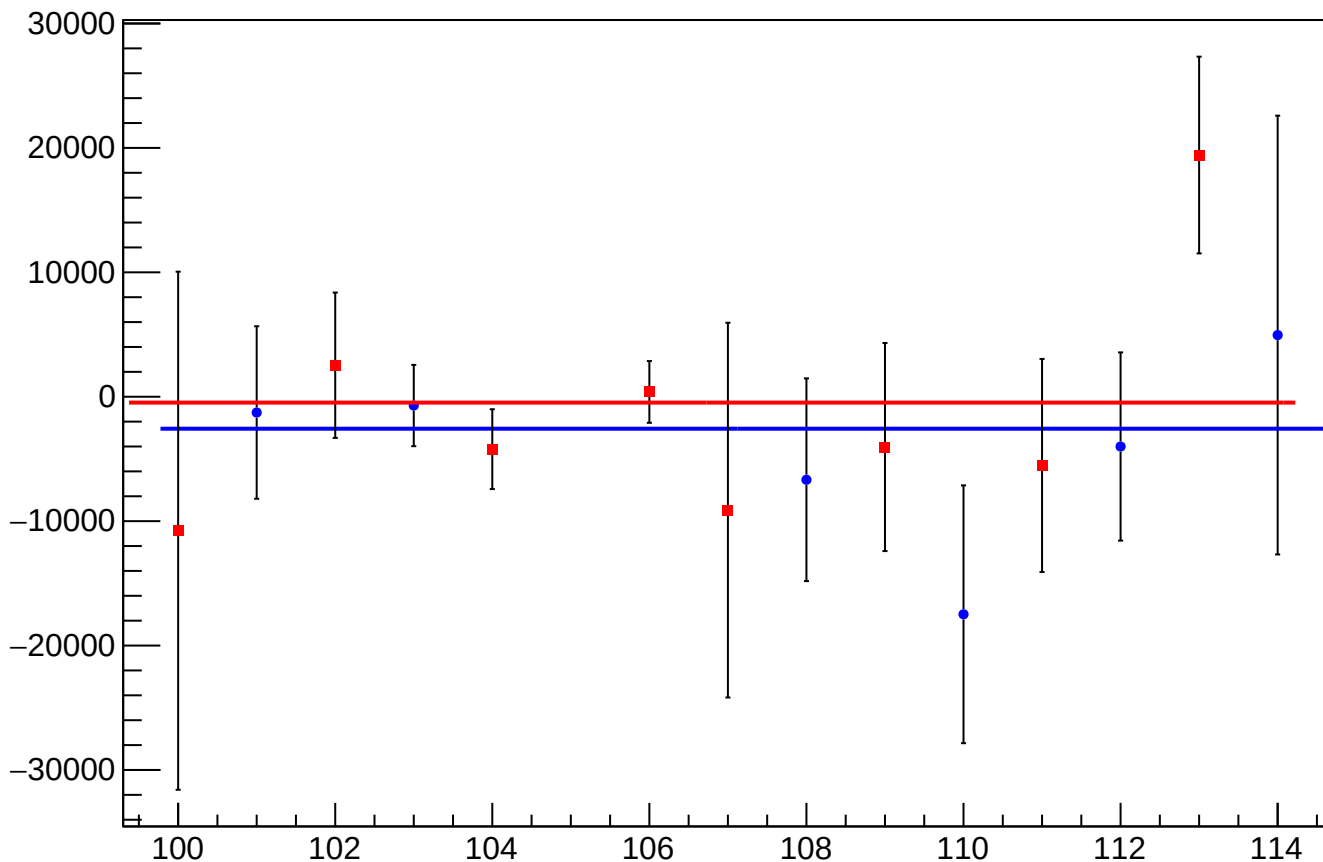
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.023+/-0.570 χ^2/NDF : 371695.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



Right In: -2569.690+/-2503.713 χ^2 /NDF: 2.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -470.201+/-1716.368 χ^2 /NDF: 9.2/7

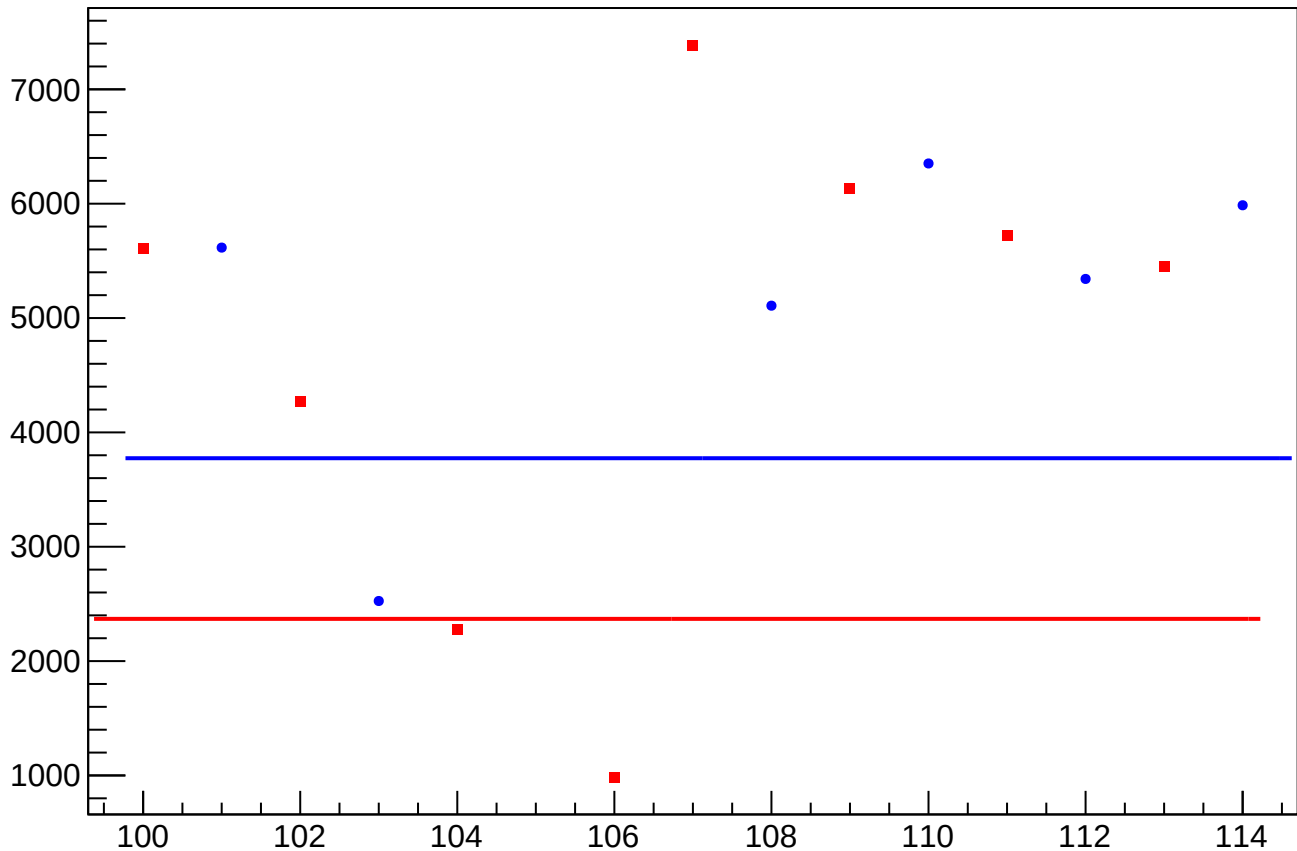
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1141.418+/-1415.661 χ^2 /NDF: 12.6/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 3774.125+/-1.770 χ^2/NDF : 727869.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

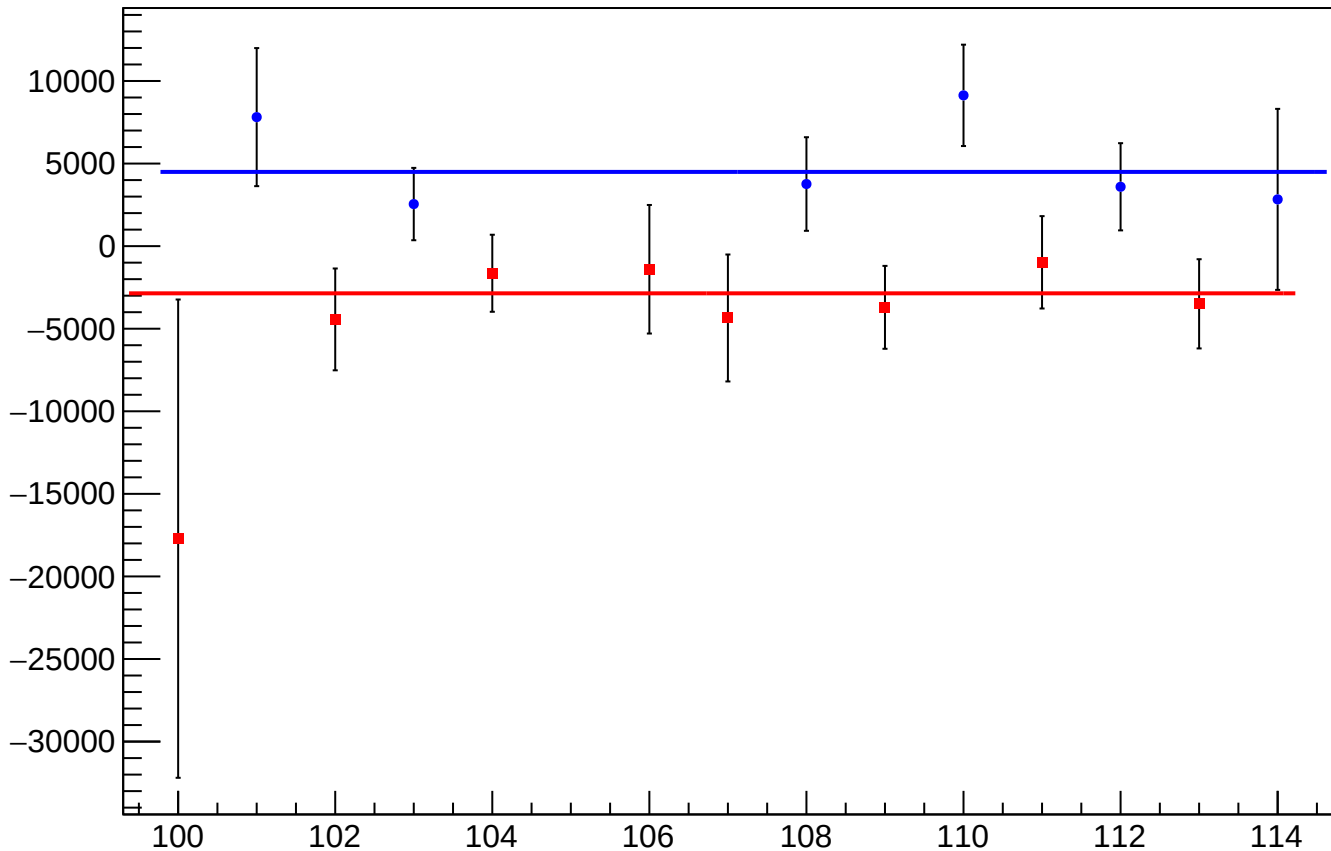
Right Out: 2369.305+/-1.214 χ^2/NDF : 2124212.9/7

All: 2818.433+/-1.001 χ^2/NDF : 3280433.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4495.154 ± 1218.846 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2857.553 ± 1083.966 χ^2/NDF : 2.5/7

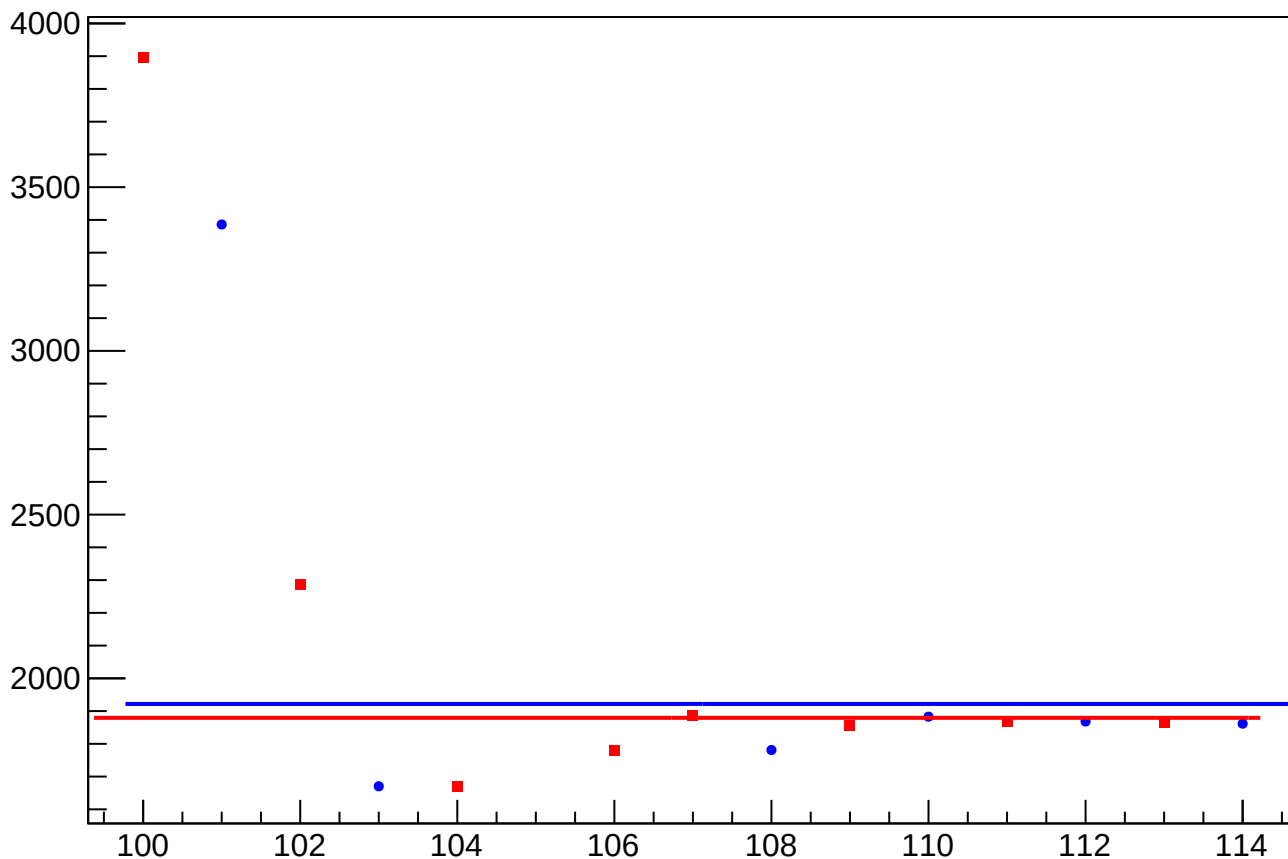
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 389.611 ± 809.986 χ^2/NDF : 26.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1921.858+/-0.862 χ^2/NDF : 278054.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1879.405+/-0.761 χ^2/NDF : 91548.0/7

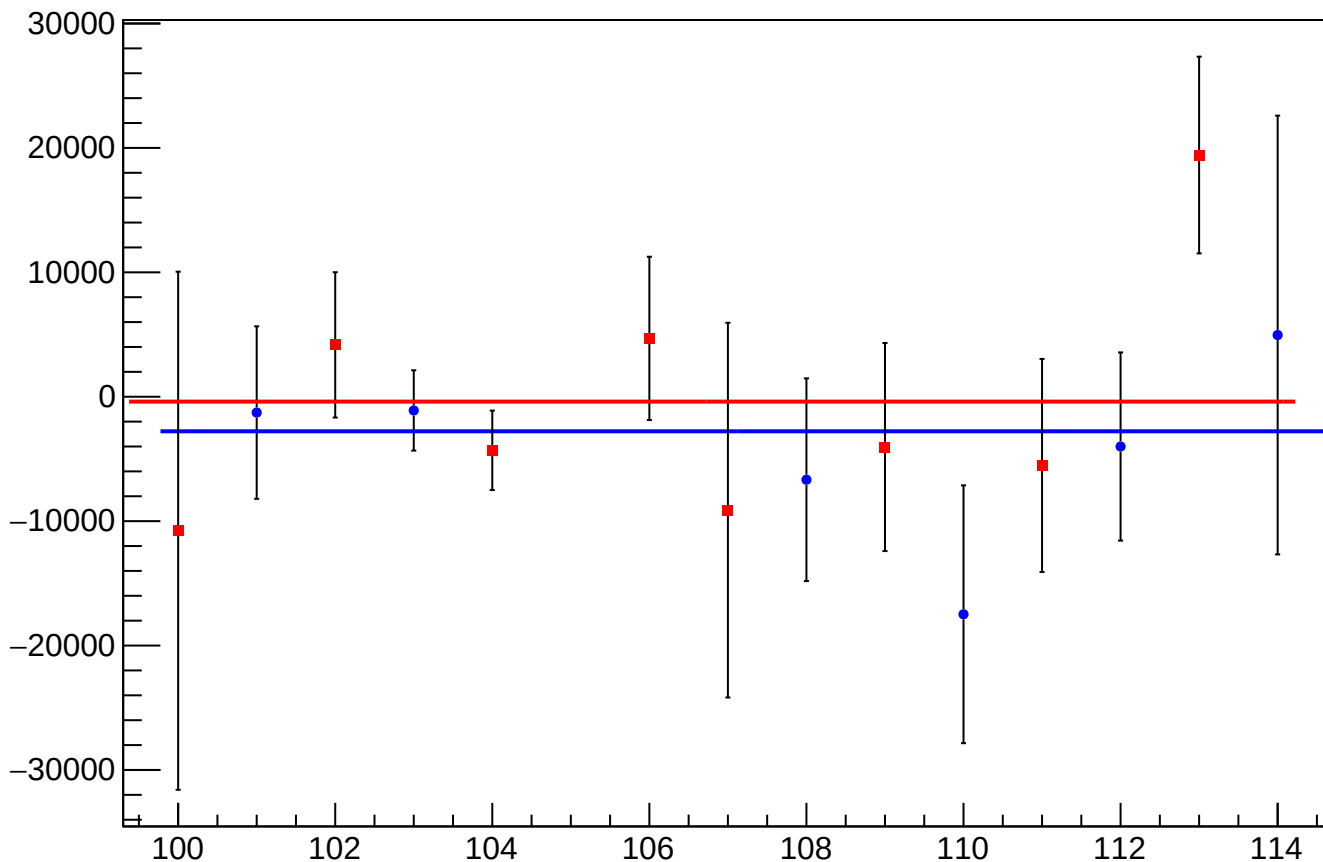
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.016+/-0.571 χ^2/NDF : 370965.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



Right In: -2778.101+/-2485.789 χ^2 /NDF: 2.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -391.668+/-2229.216 χ^2 /NDF: 10.1/7

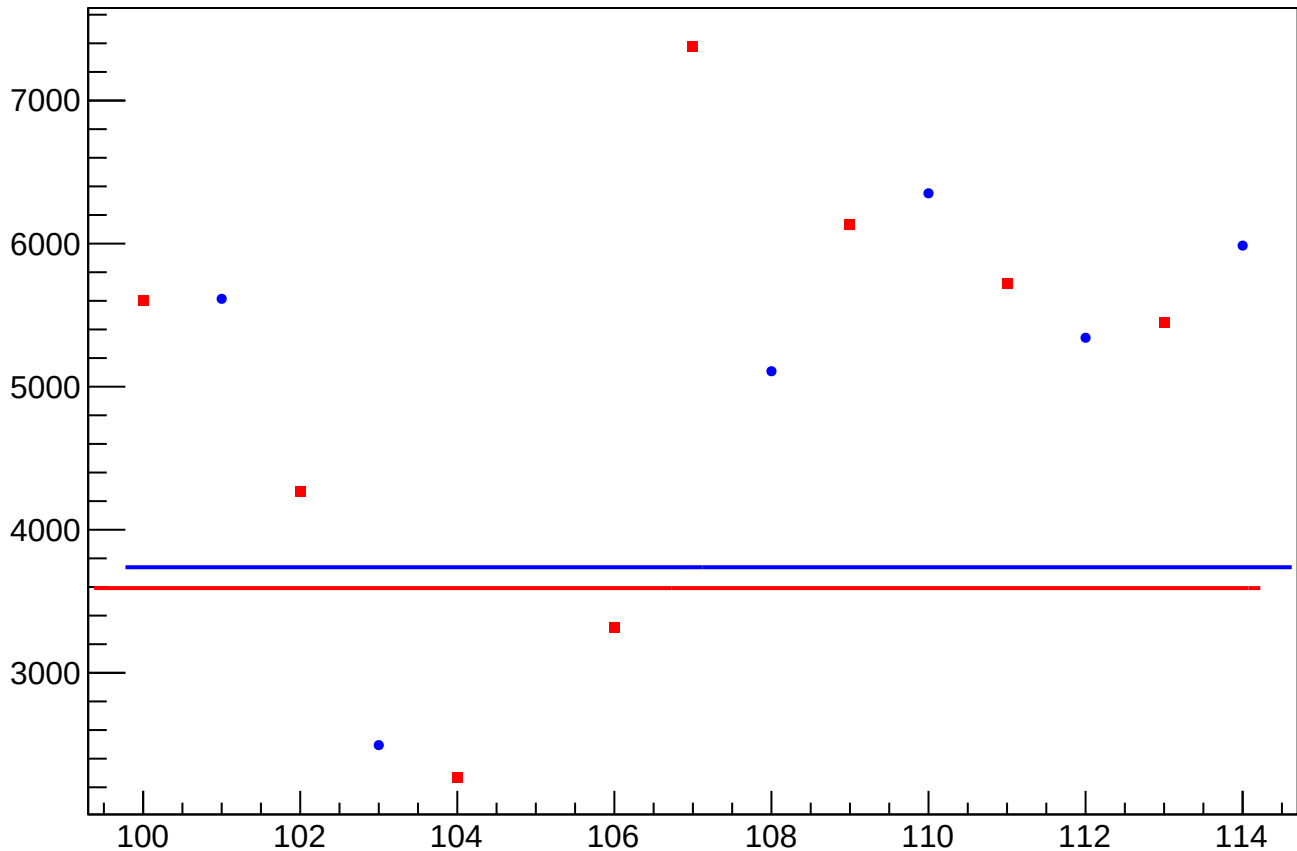
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1455.408+/-1659.614 χ^2 /NDF: 13.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



Right In: 3738.015+/-1.758 χ^2/NDF : 749402.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3592.279+/-1.576 χ^2/NDF : 937461.8/7

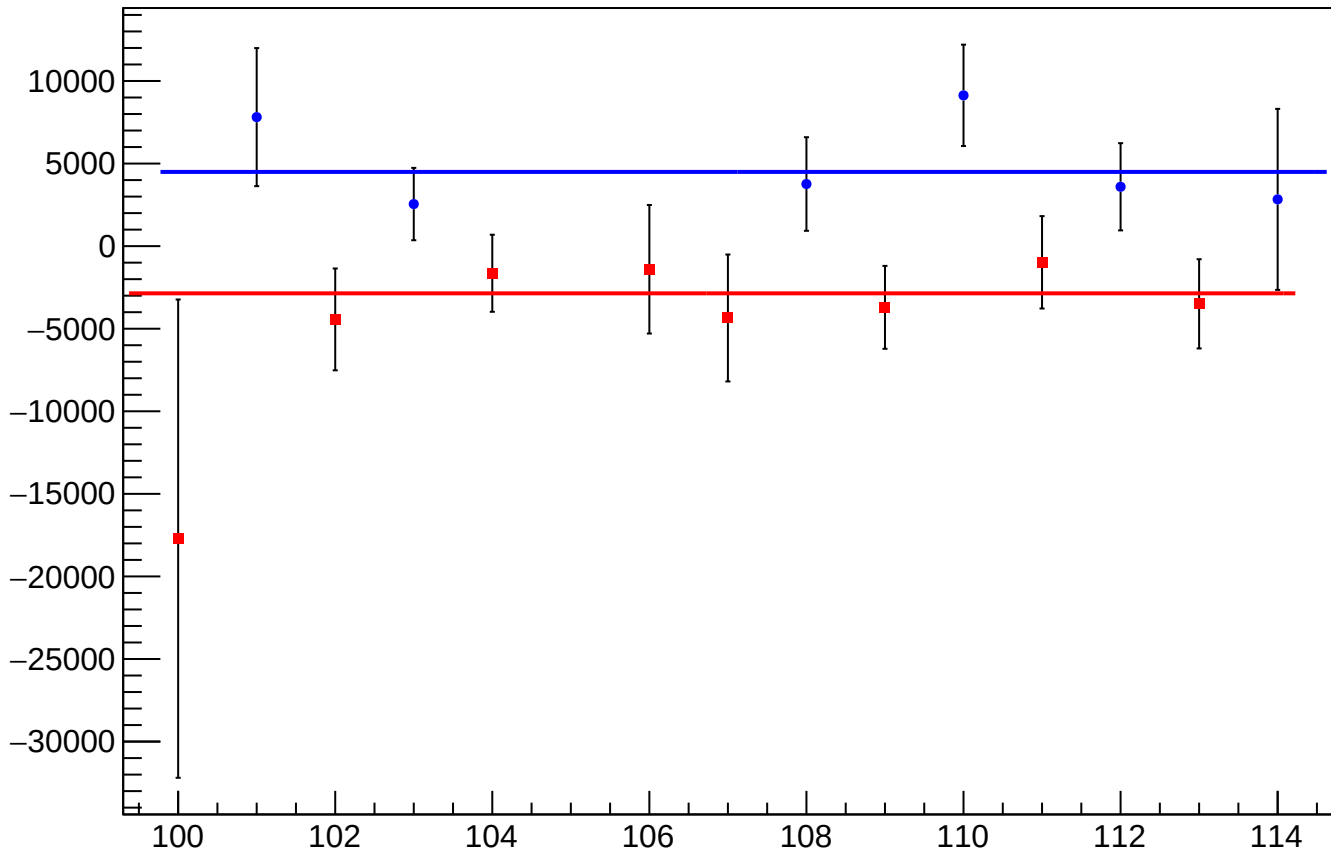
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3657.240+/-1.174 χ^2/NDF : 1690674.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4495.154+/-1218.846 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2857.553+/-1083.966 χ^2/NDF : 2.5/7

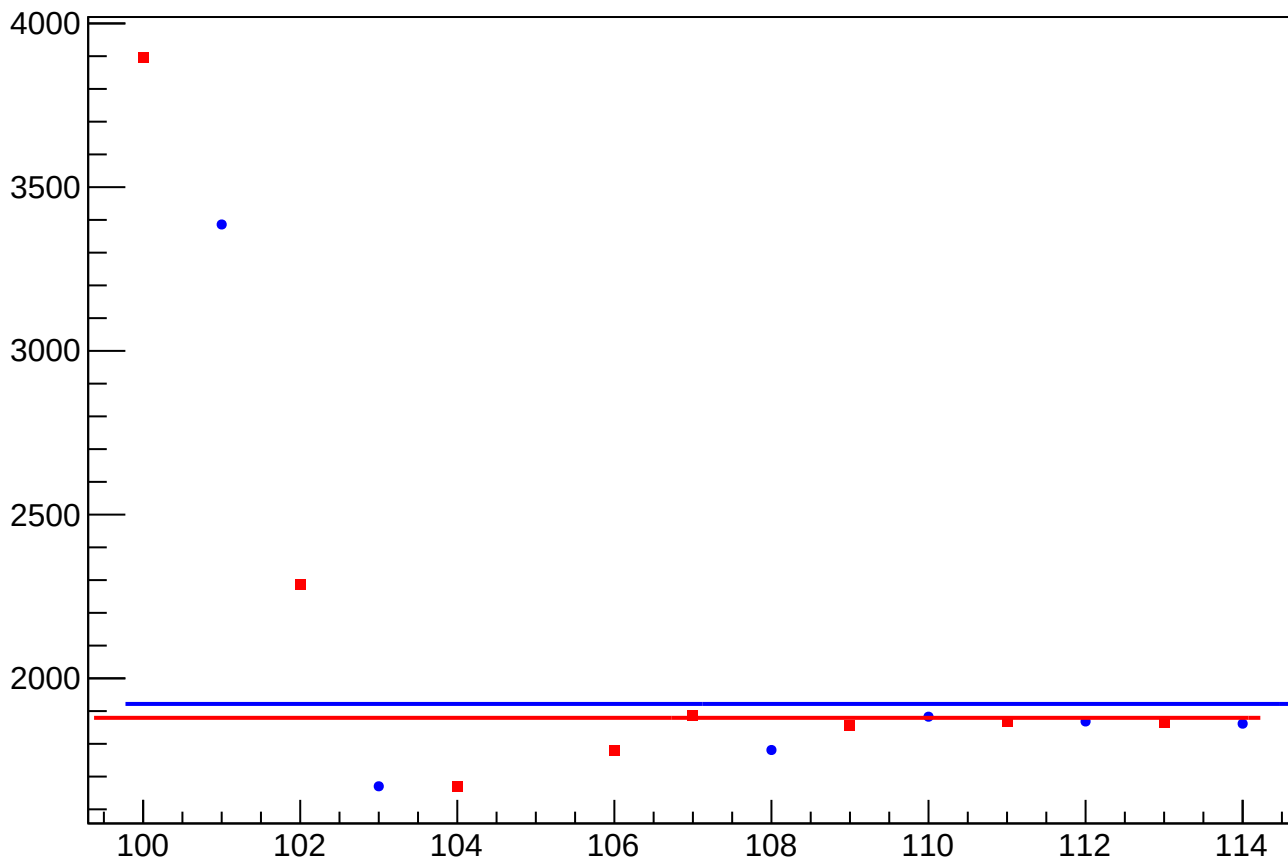
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.611+/-809.986 χ^2/NDF : 26.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1921.858+/-0.862 χ^2/NDF : 278054.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1879.405+/-0.761 χ^2/NDF : 91548.0/7

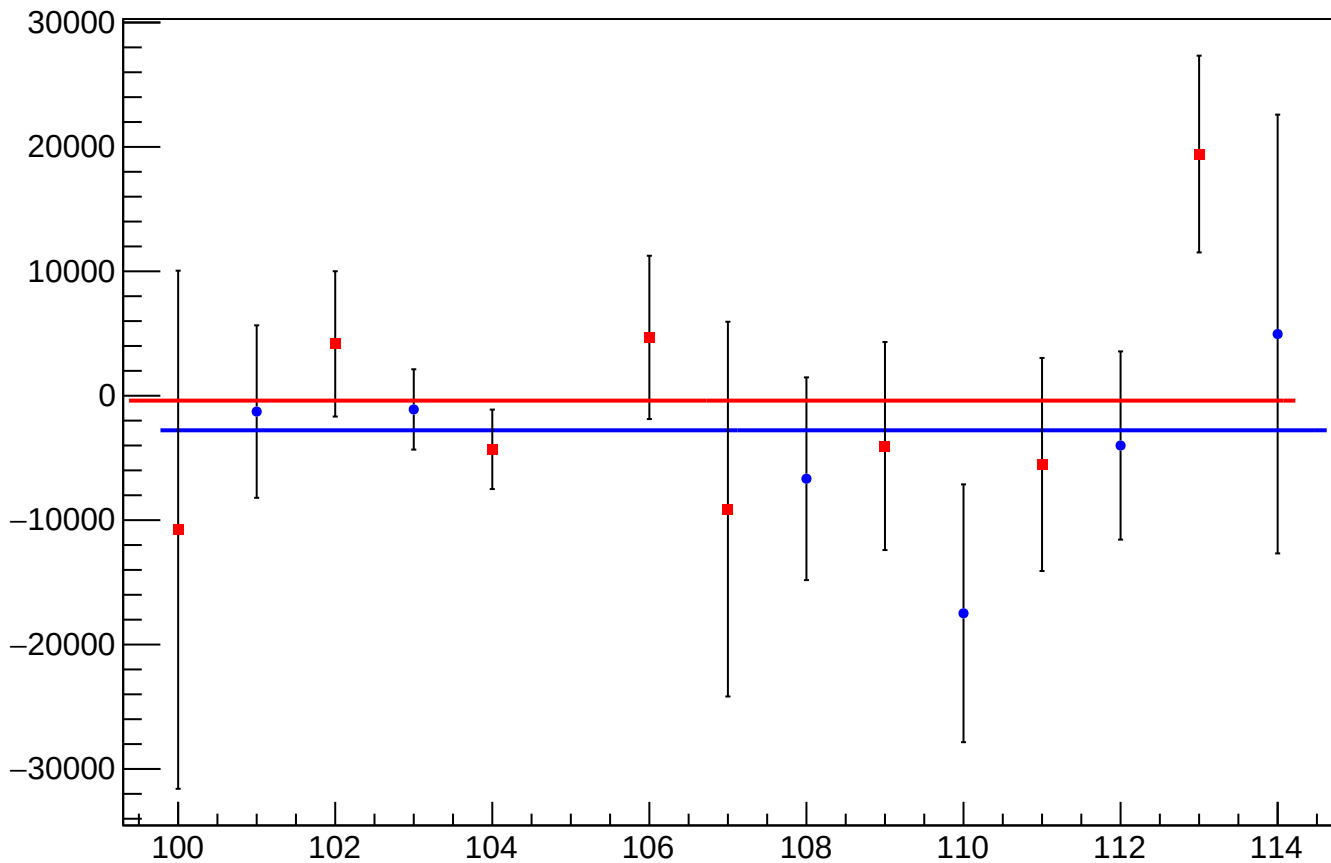
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.016+/-0.571 χ^2/NDF : 370965.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -2778.101+/-2485.789 χ^2 /NDF: 2.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -391.668+/-2229.216 χ^2 /NDF: 10.1/7

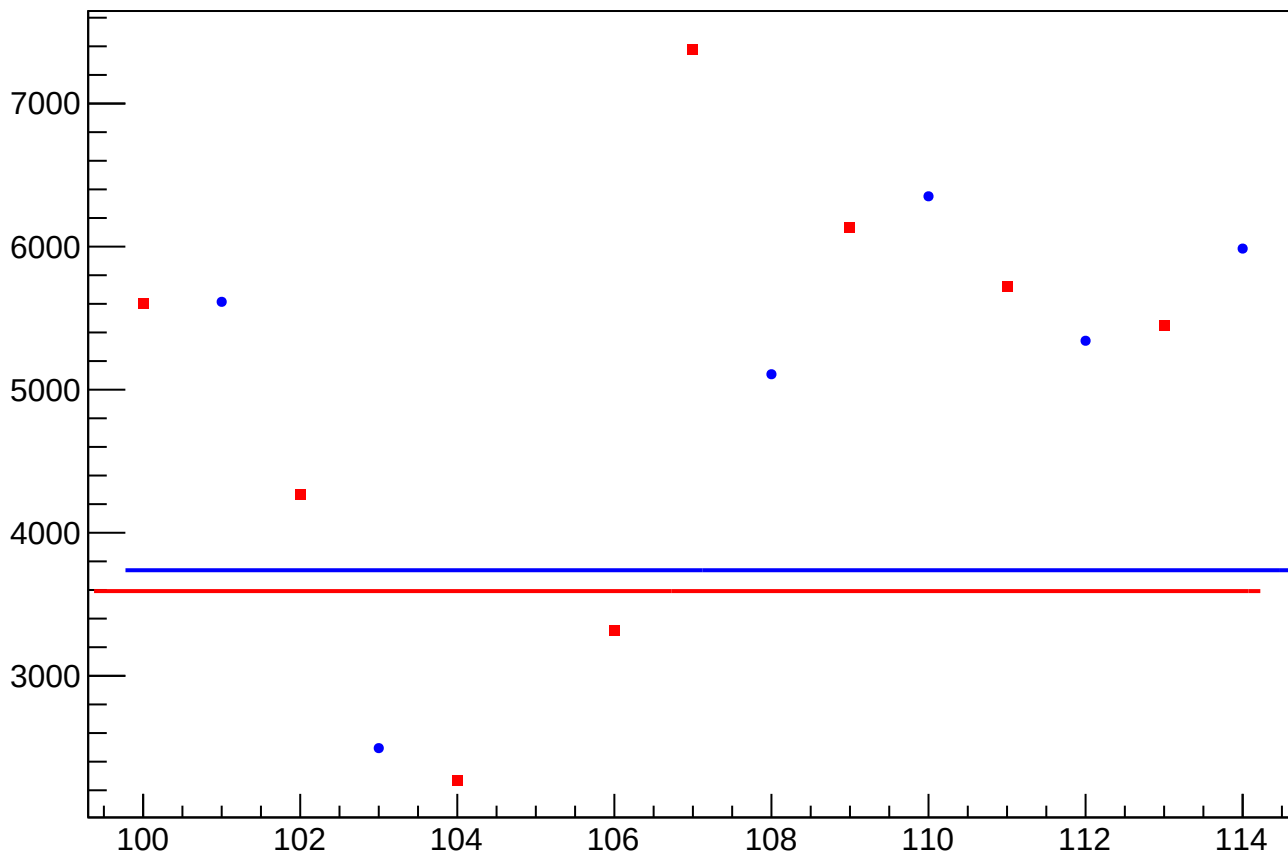
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1455.408+/-1659.614 χ^2 /NDF: 13.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 3738.015+/-1.758 χ^2/NDF : 749402.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3592.279+/-1.576 χ^2/NDF : 937461.8/7

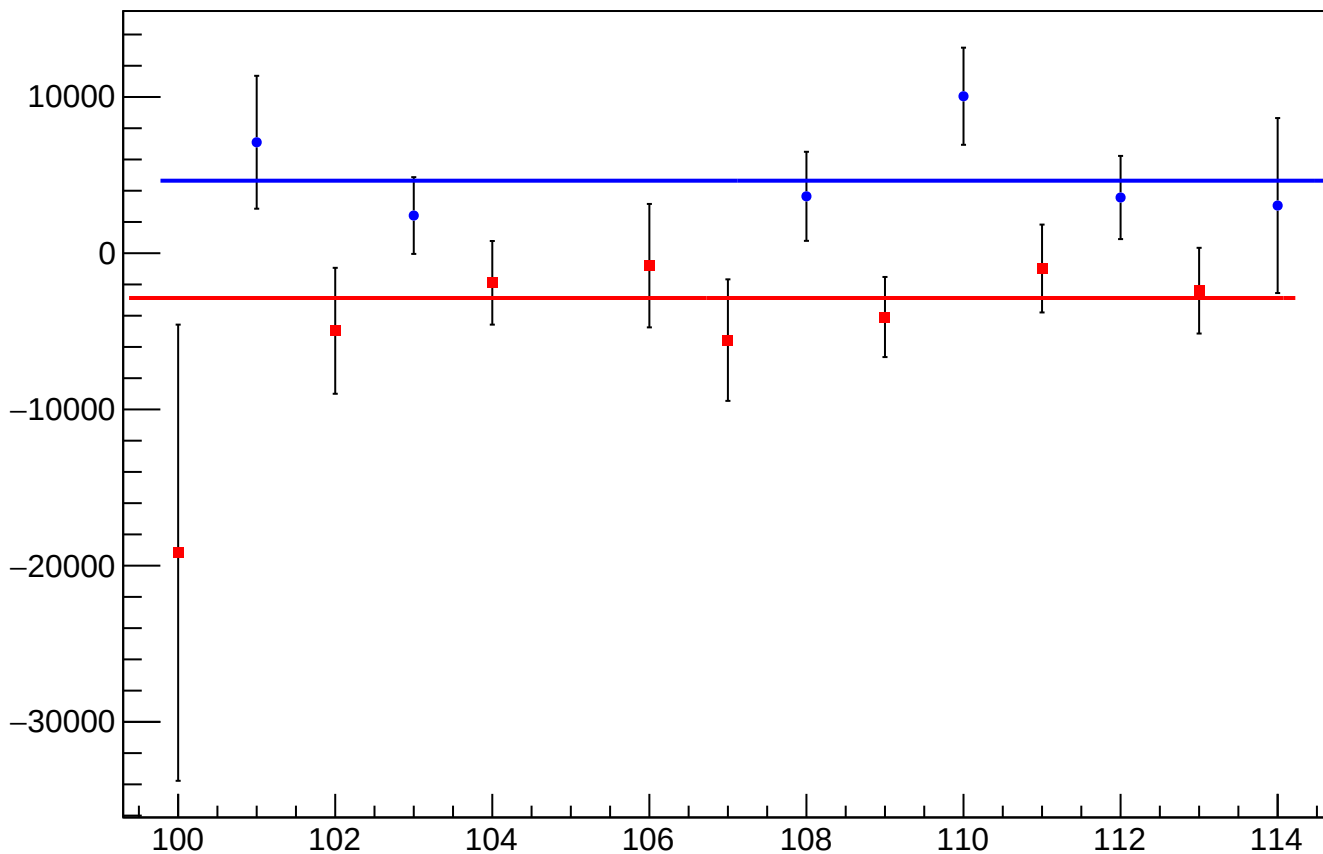
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3657.240+/-1.174 χ^2/NDF : 1690674.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4642.362+/-1269.516 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2866.563+/-1156.727 χ^2/NDF : 3.1/7

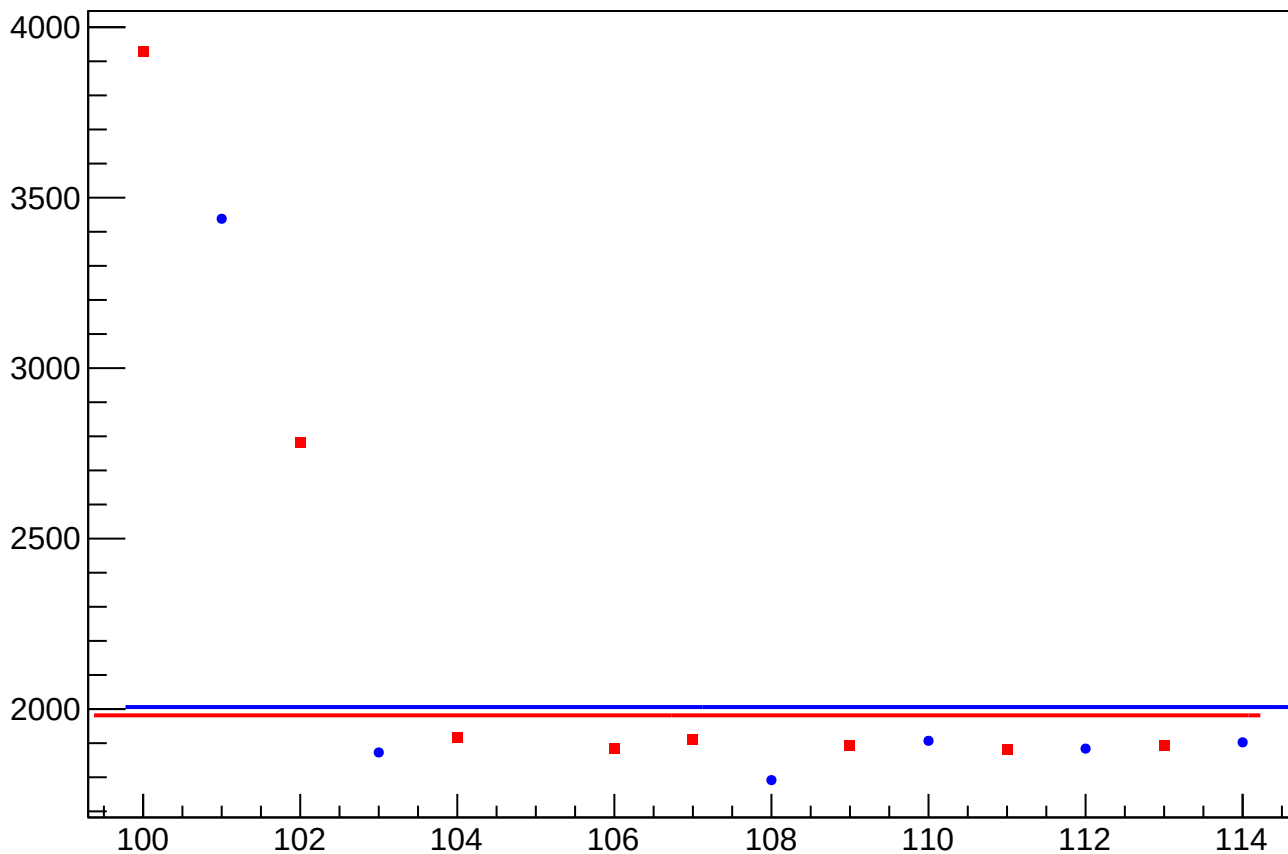
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.582+/-855.029 χ^2/NDF : 26.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 2005.934+/-0.898 χ^2/NDF : 250853.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1981.619+/-0.816 χ^2/NDF : 124413.2/7

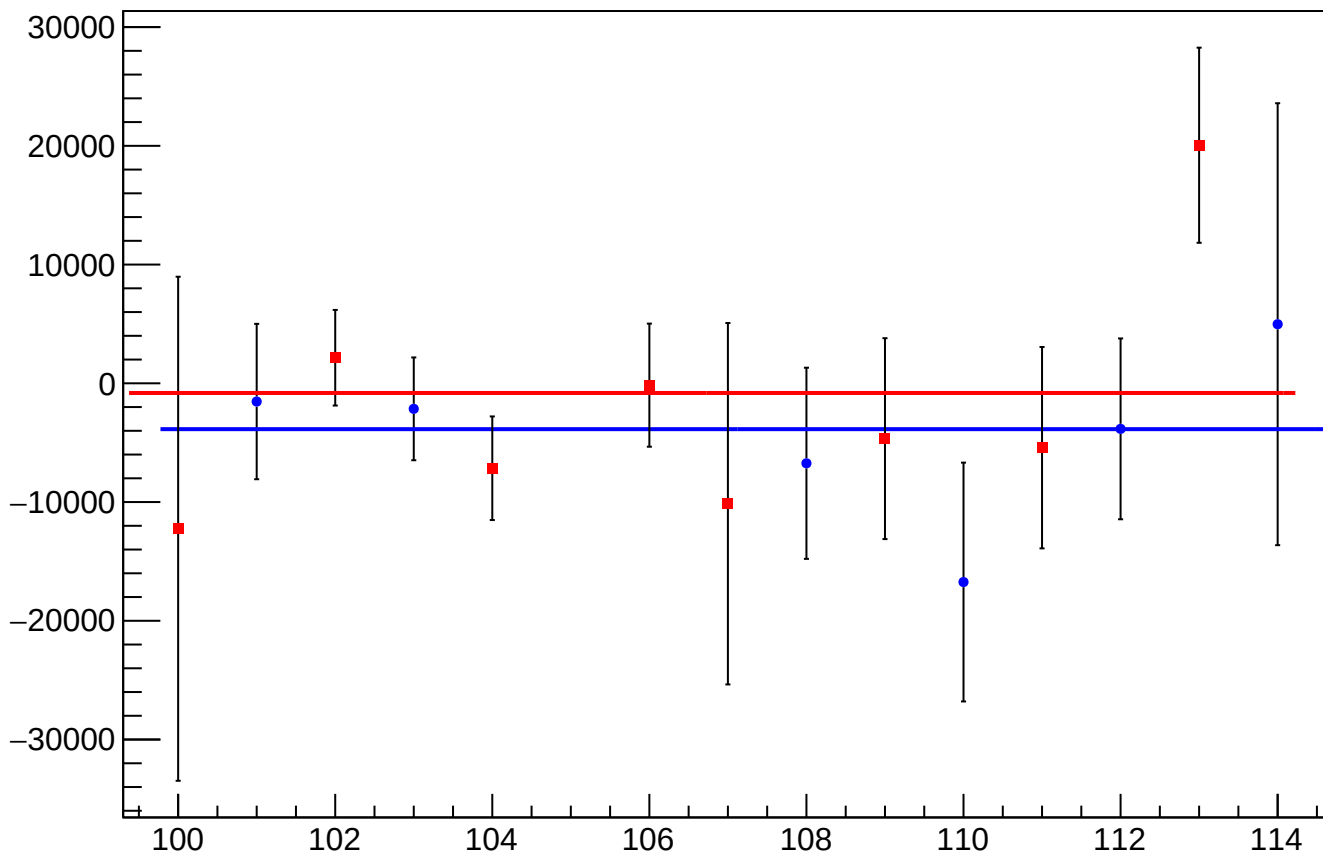
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.615+/-0.604 χ^2/NDF : 375668.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



Right In: -3861.722+/-2860.847 χ^2 /NDF: 2.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -813.634+/-2232.154 χ^2 /NDF: 10.3/7

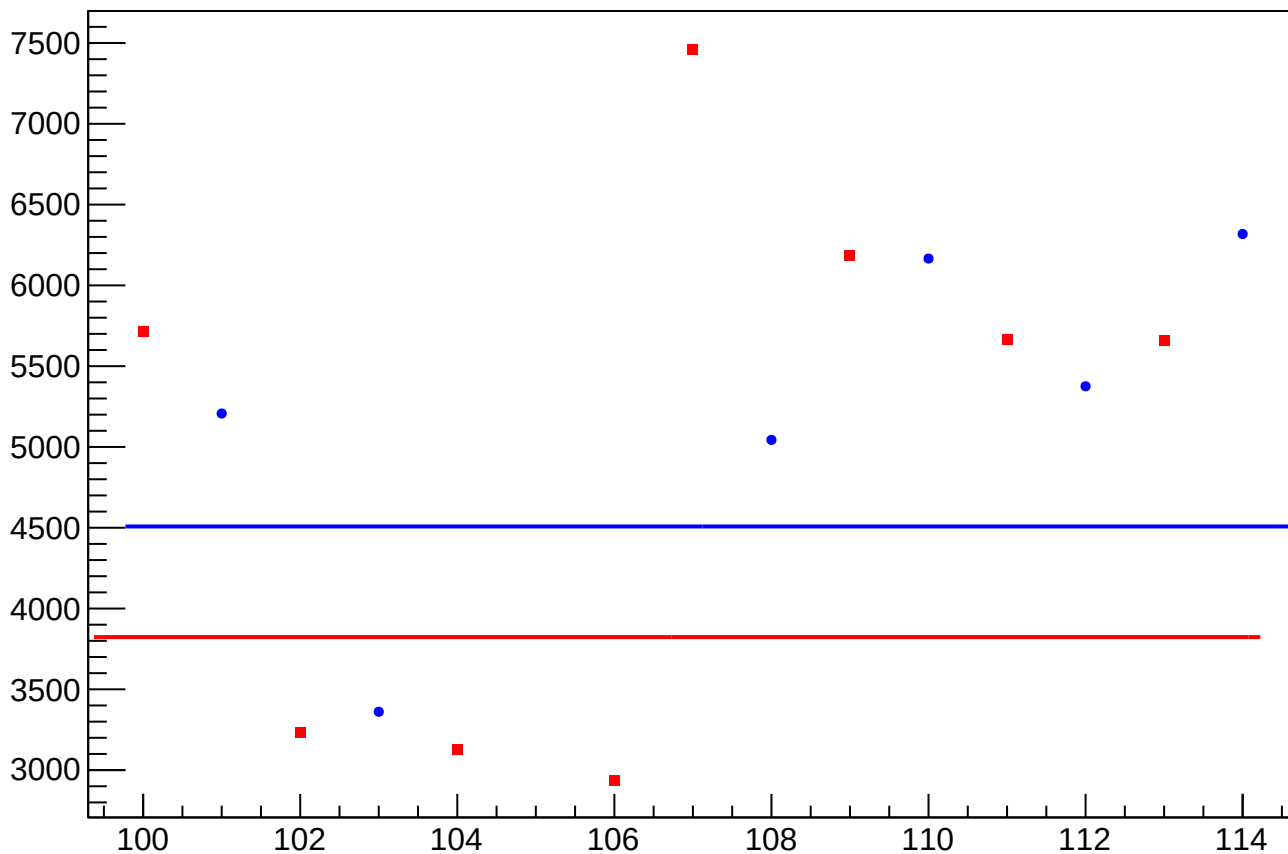
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1967.062+/-1759.852 χ^2 /NDF: 13.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4507.881+/-2.023 χ^2/NDF : 271284.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

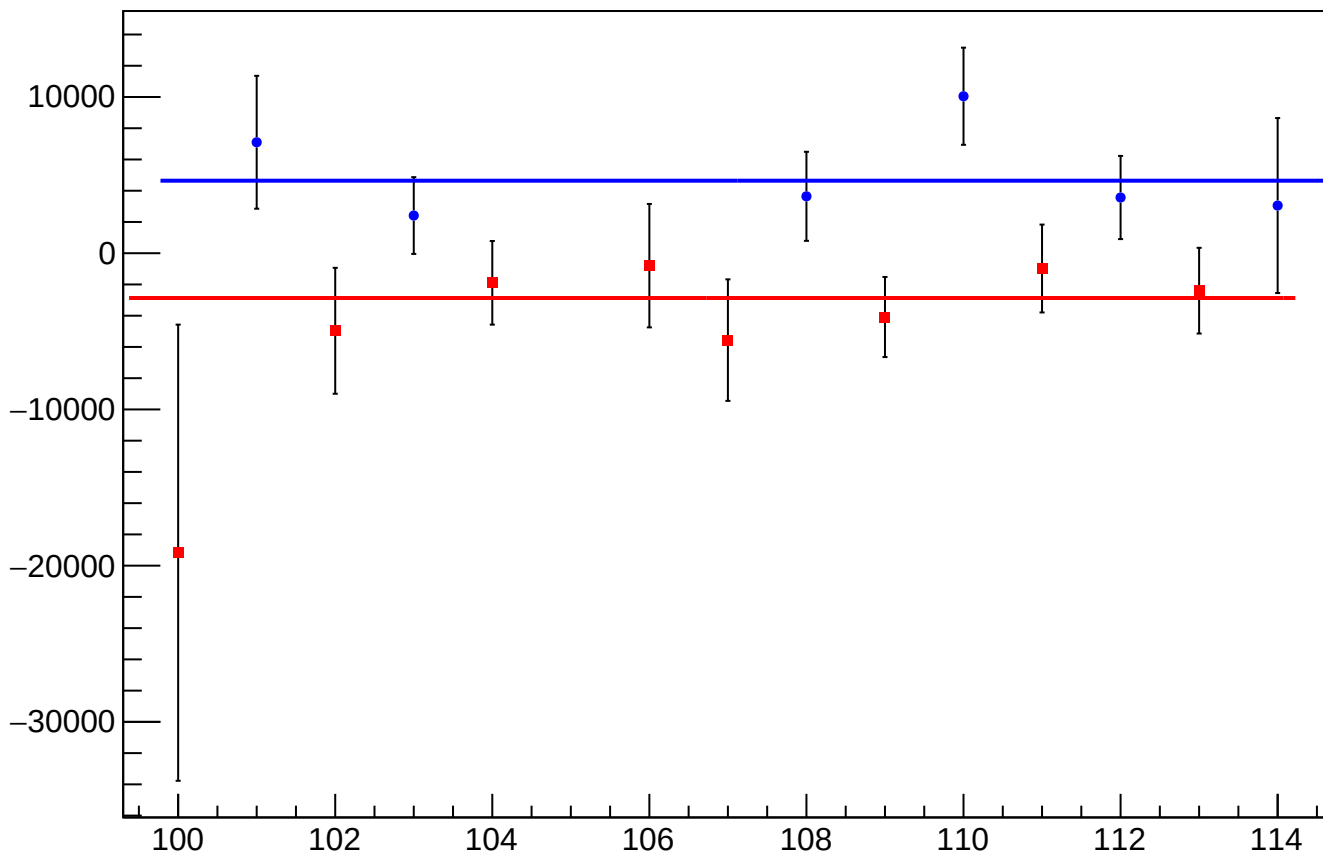
Right Out: 3823.241+/-1.578 χ^2/NDF : 632149.1/7

All: 4082.316+/-1.244 χ^2/NDF : 974631.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4642.366+/-1269.516 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2866.561+/-1156.726 χ^2/NDF : 3.1/7

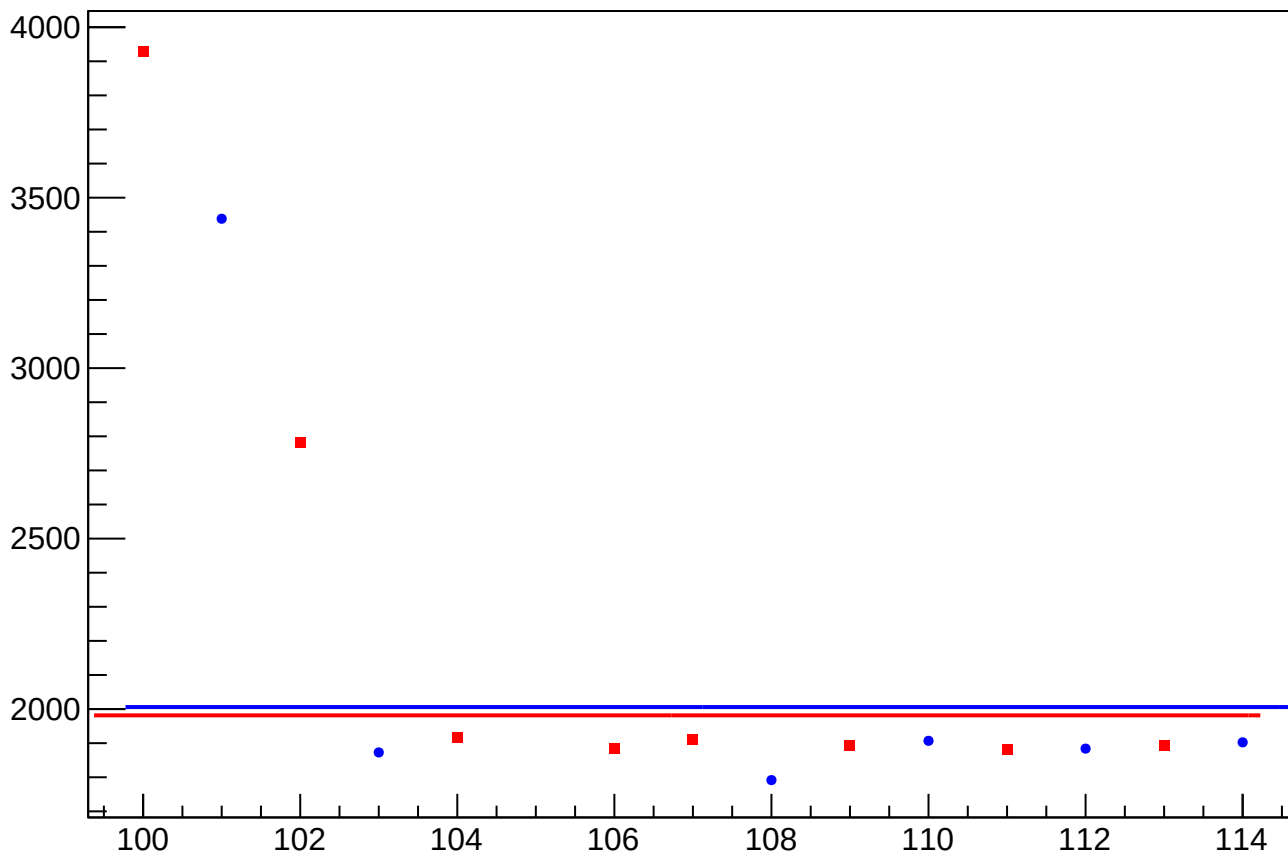
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.583+/-855.029 χ^2/NDF : 26.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 2005.933+/-0.898 χ^2/NDF : 250853.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1981.618+/-0.816 χ^2/NDF : 124412.7/7

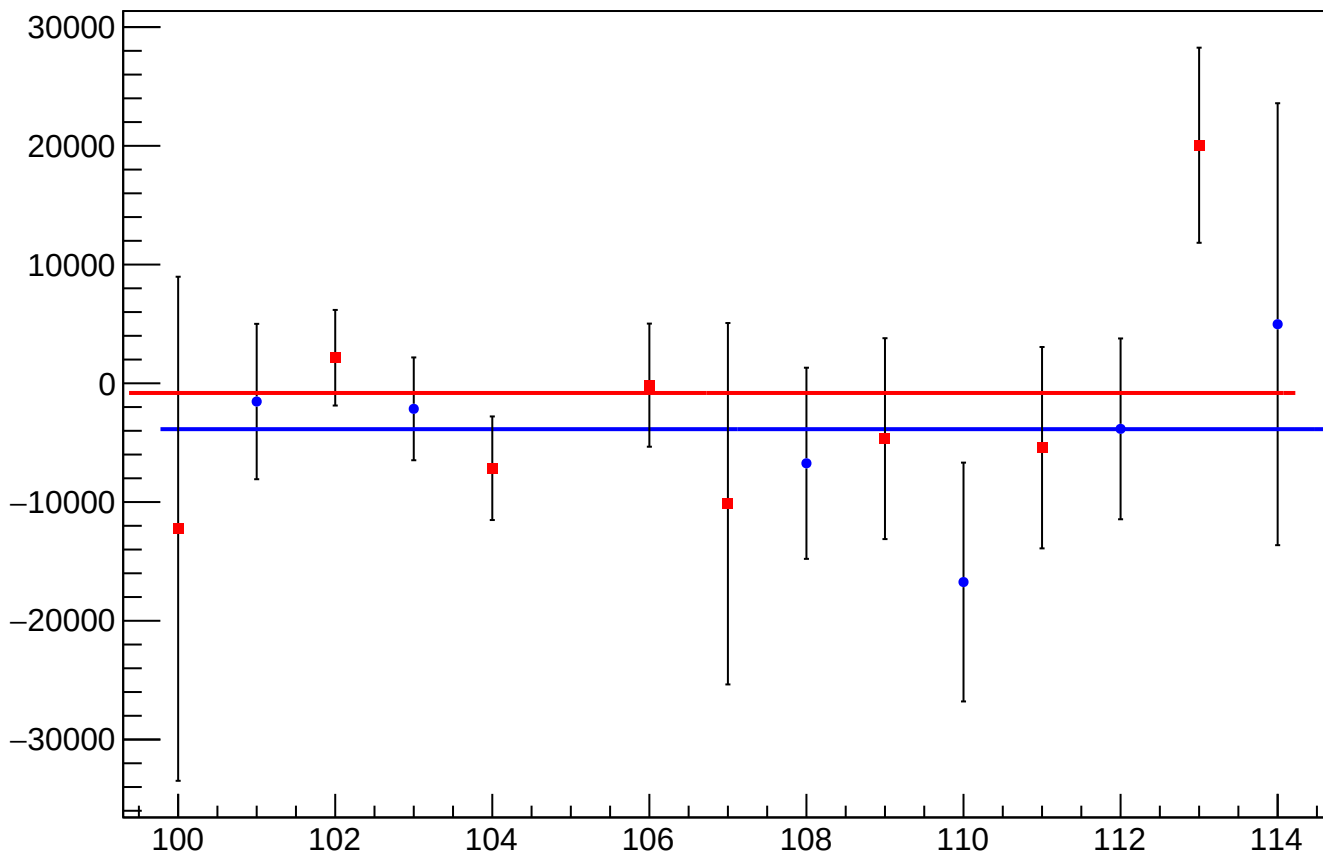
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.614+/-0.604 χ^2/NDF : 375668.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -3861.720+/-2860.841 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -813.633+/-2232.149 χ^2/NDF : 10.3/7

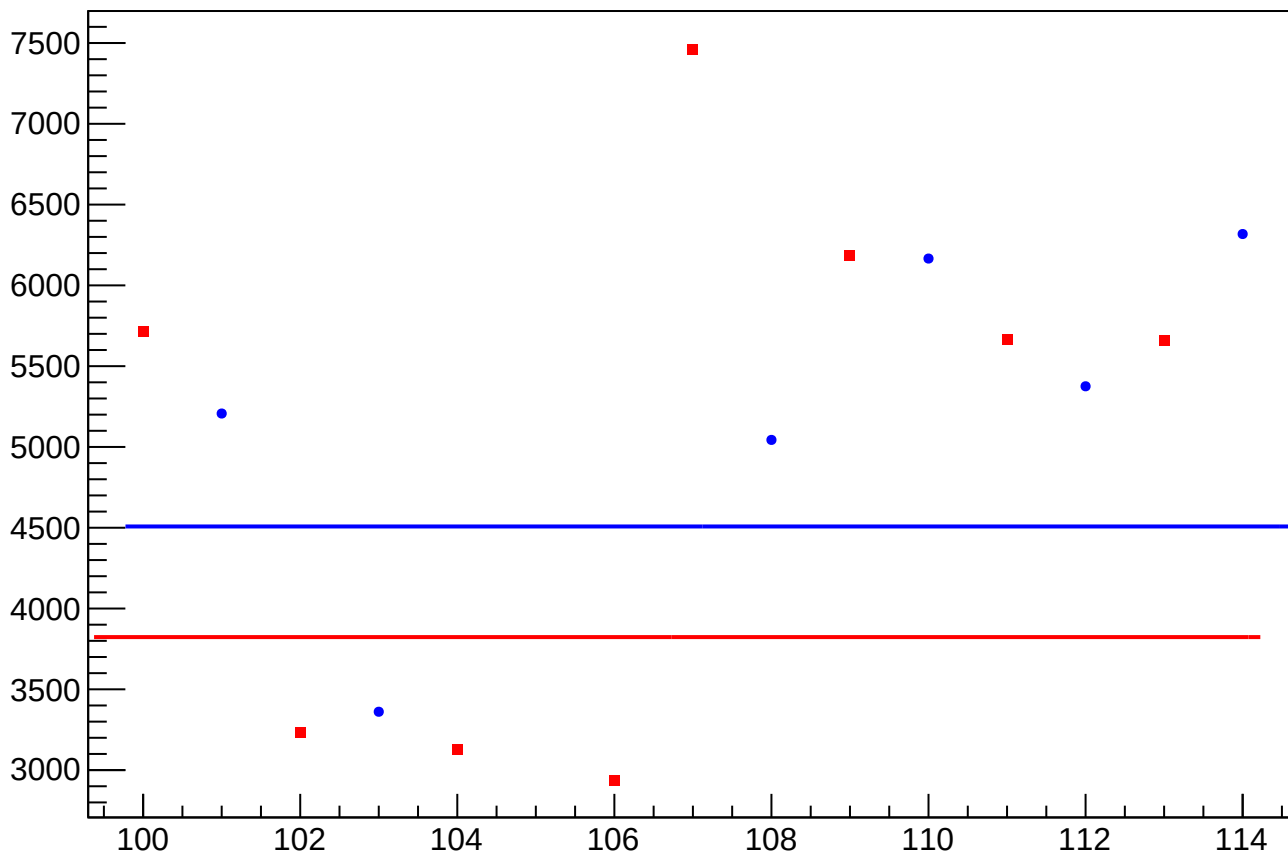
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1967.060+/-1759.848 χ^2/NDF : 13.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 4507.872 $\pm$ 2.023 χ^2 /NDF: 271284.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3823.232 $\pm$ 1.578 χ^2 /NDF: 632148.9/7

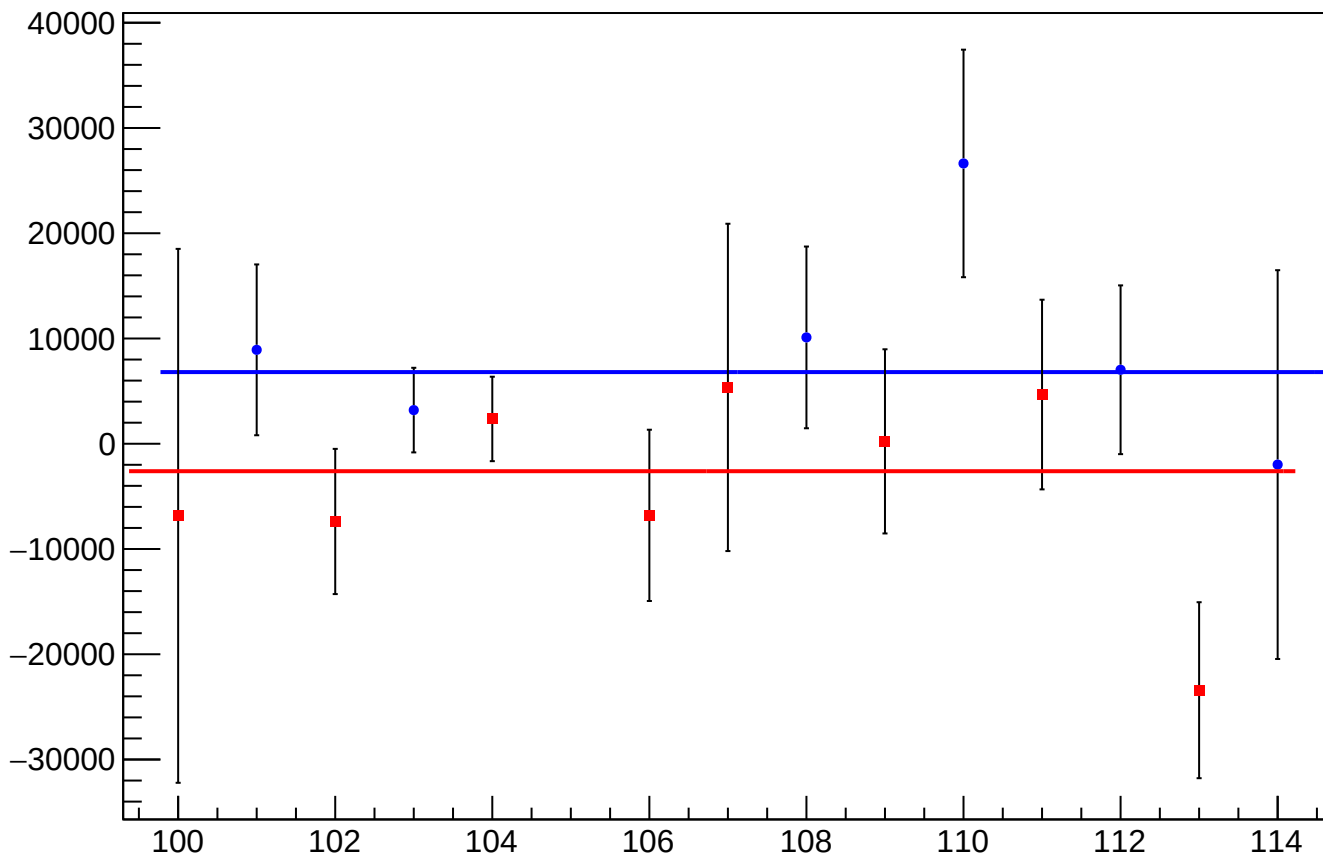
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4082.307 $\pm$ 1.244 χ^2 /NDF: 974631.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 6808.595+/-2916.529 χ^2/NDF : 4.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2608.227+/-2638.621 χ^2/NDF : 9.5/7

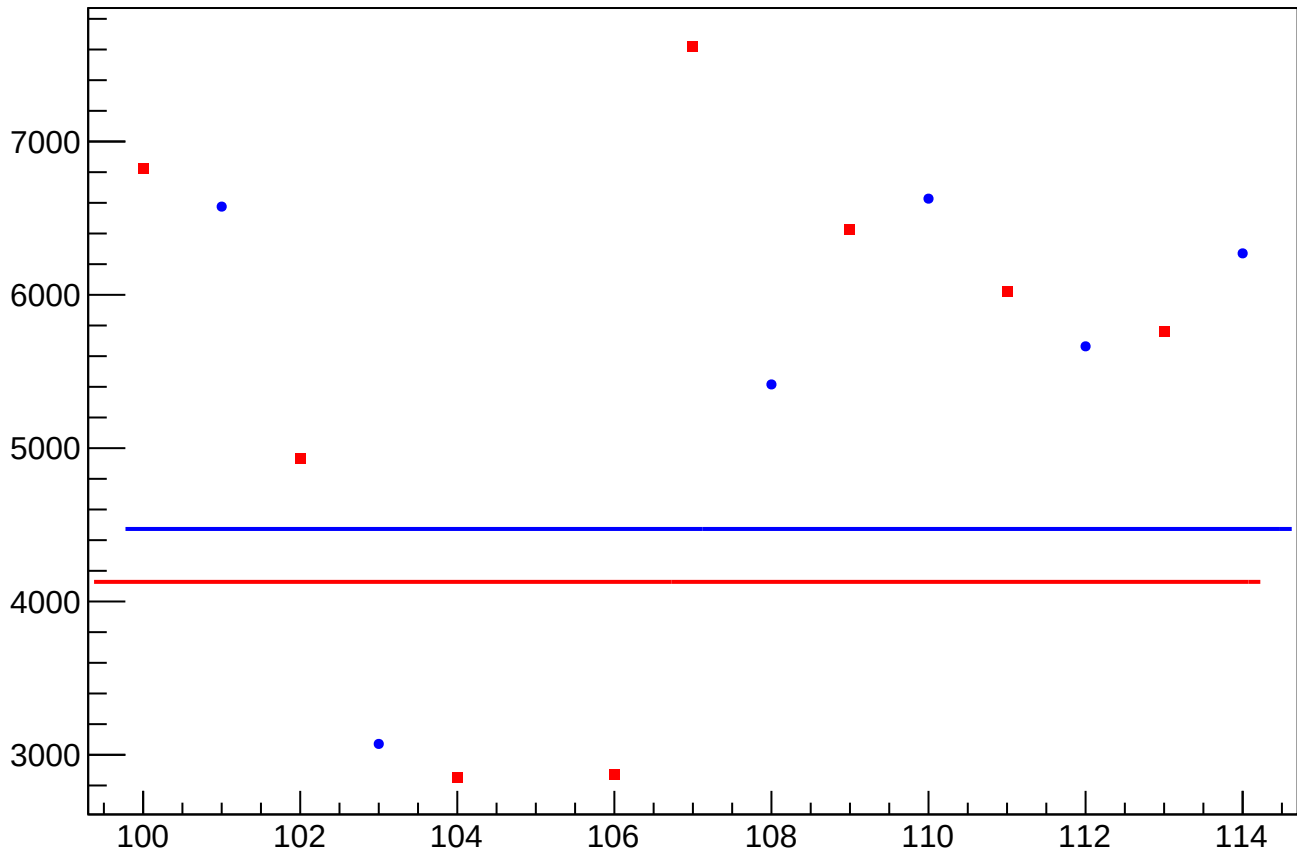
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.264+/-1956.680 χ^2/NDF : 19.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 4473.062 $\pm$ 2.062 χ^2 /NDF: 544006.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4127.972 $\pm$ 1.797 χ^2 /NDF: 738792.4/7

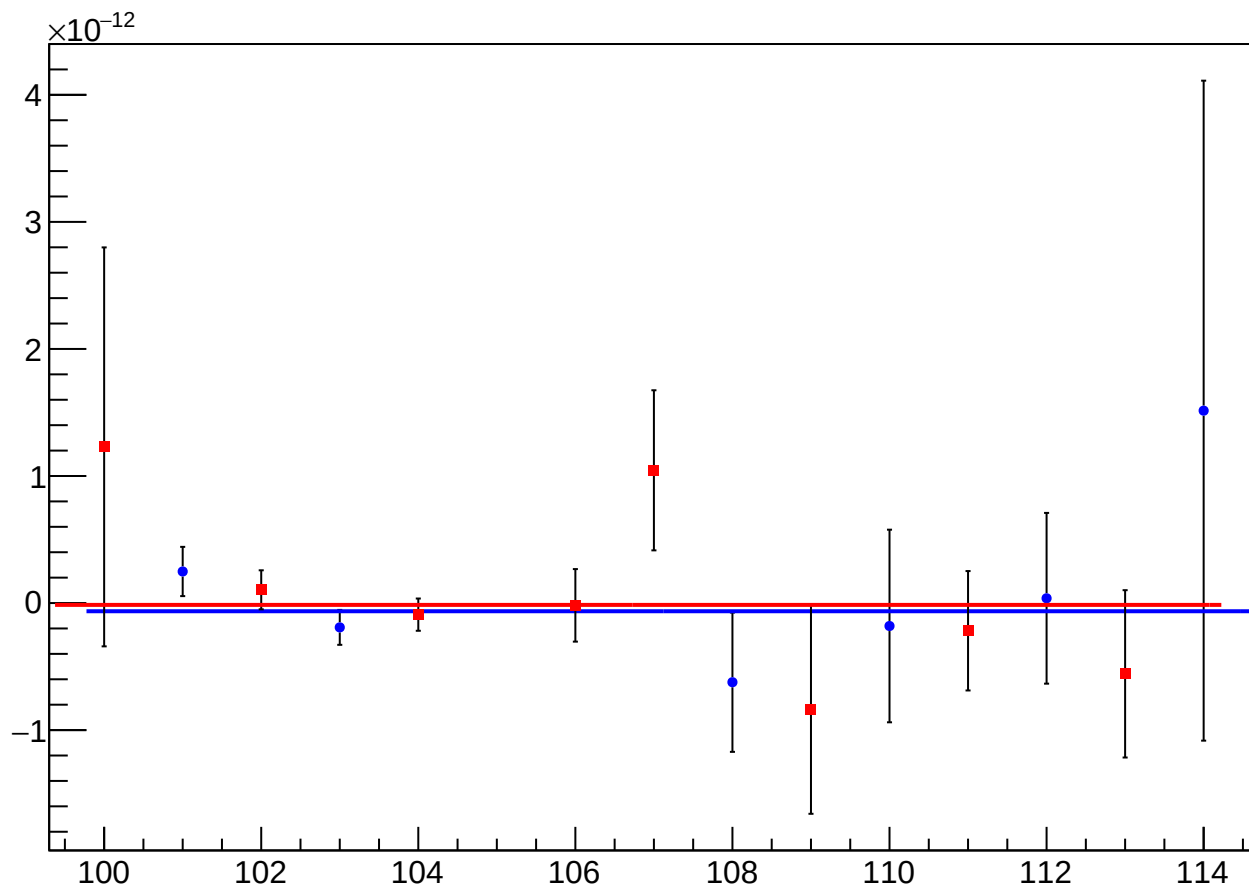
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4276.884 $\pm$ 1.355 χ^2 /NDF: 1298717.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/7

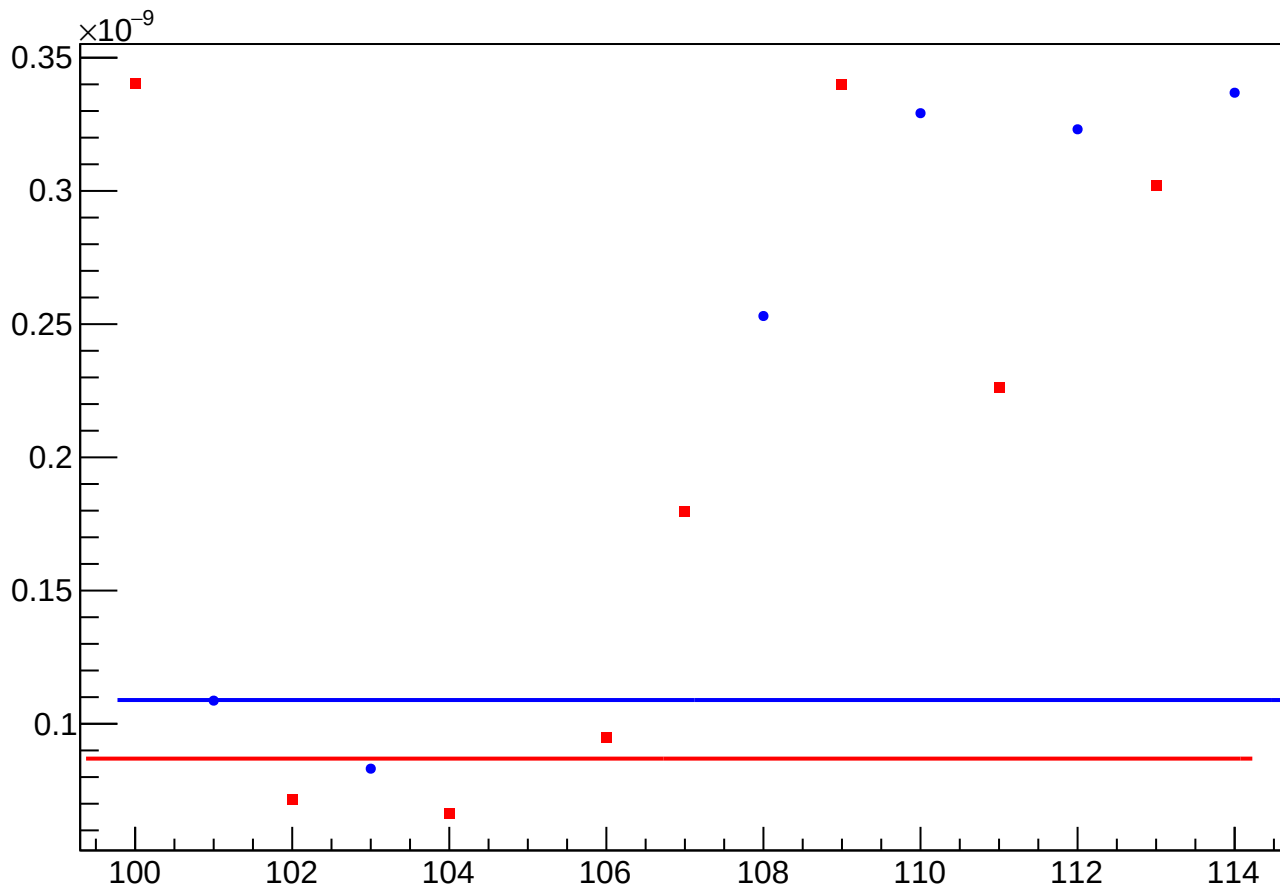
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 596076.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 749023.0/7

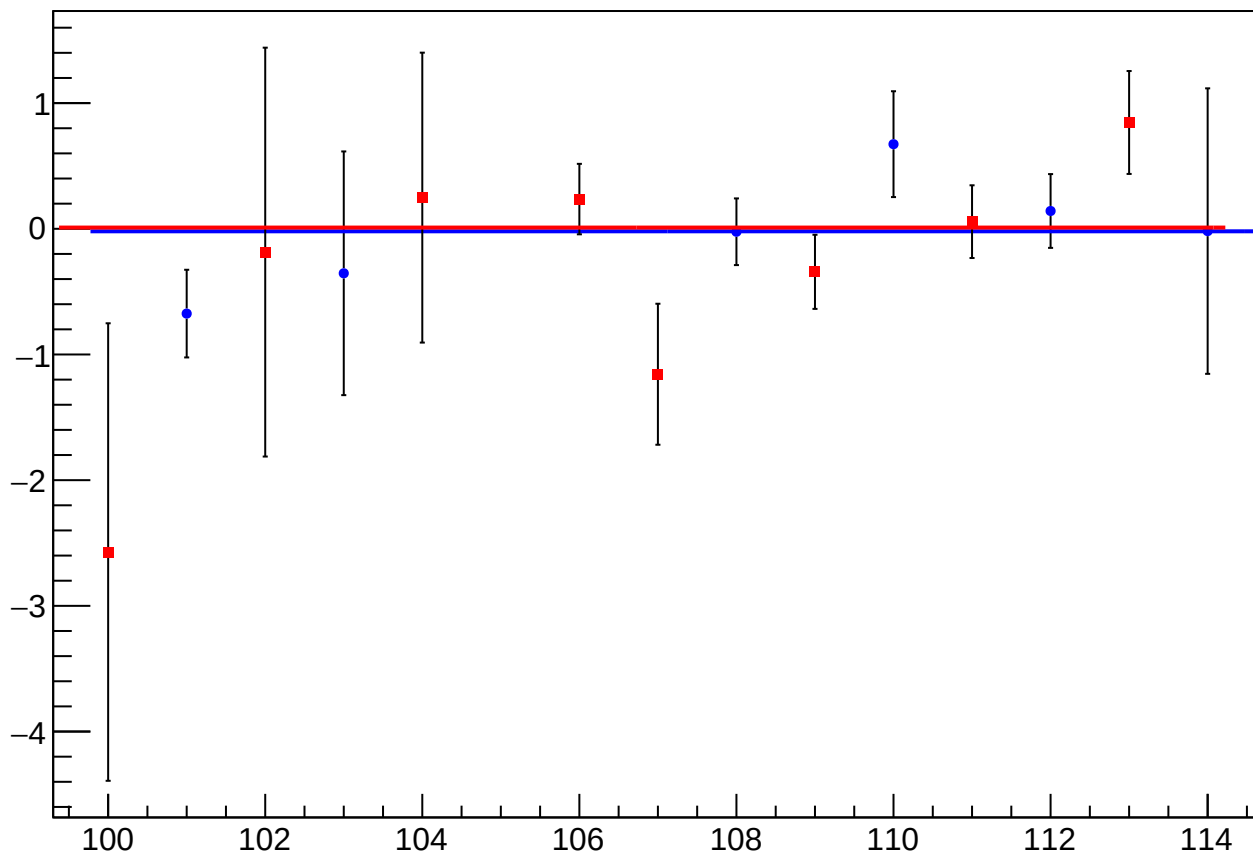
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1395185.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.155 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.146 χ^2 /NDF: 12.7/7

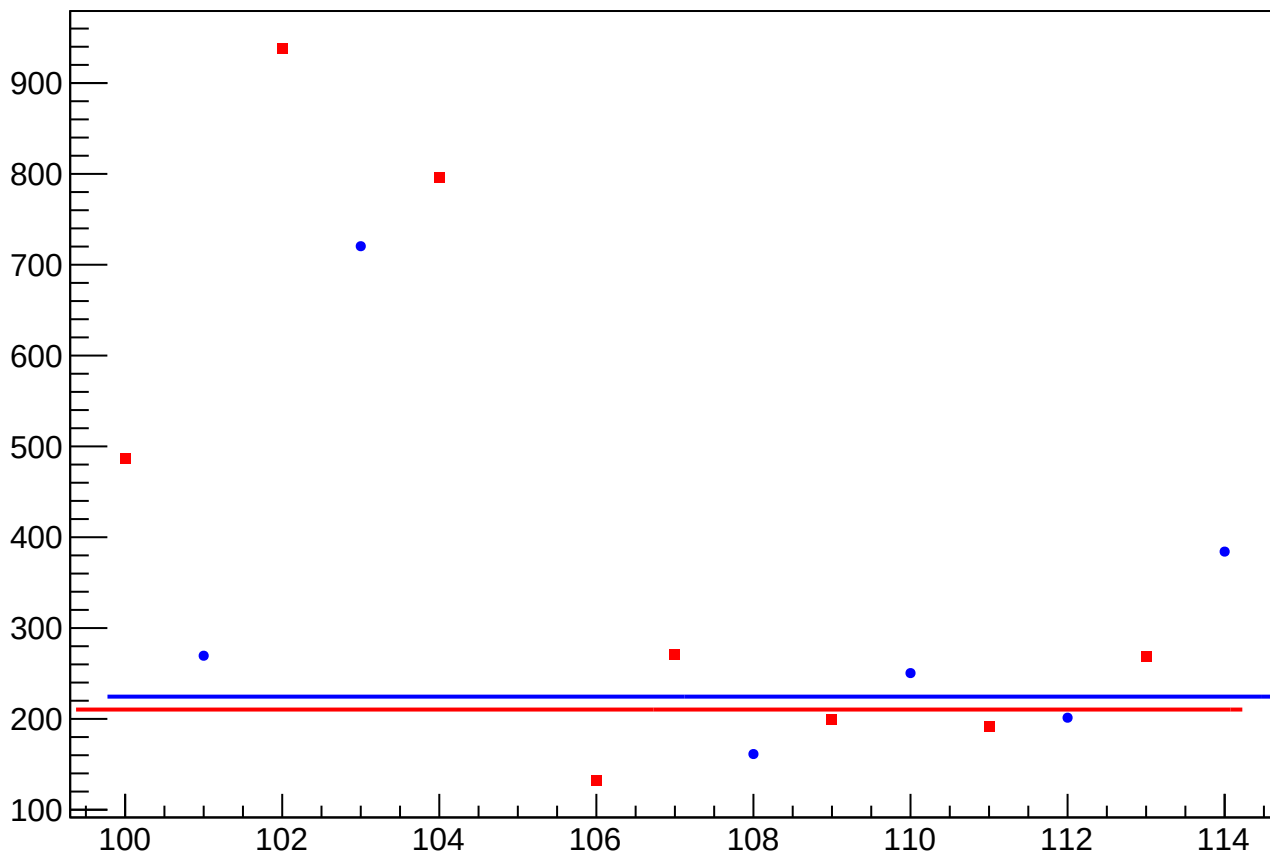
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.106 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 224.521+/-0.110 χ^2/NDF : 729751.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

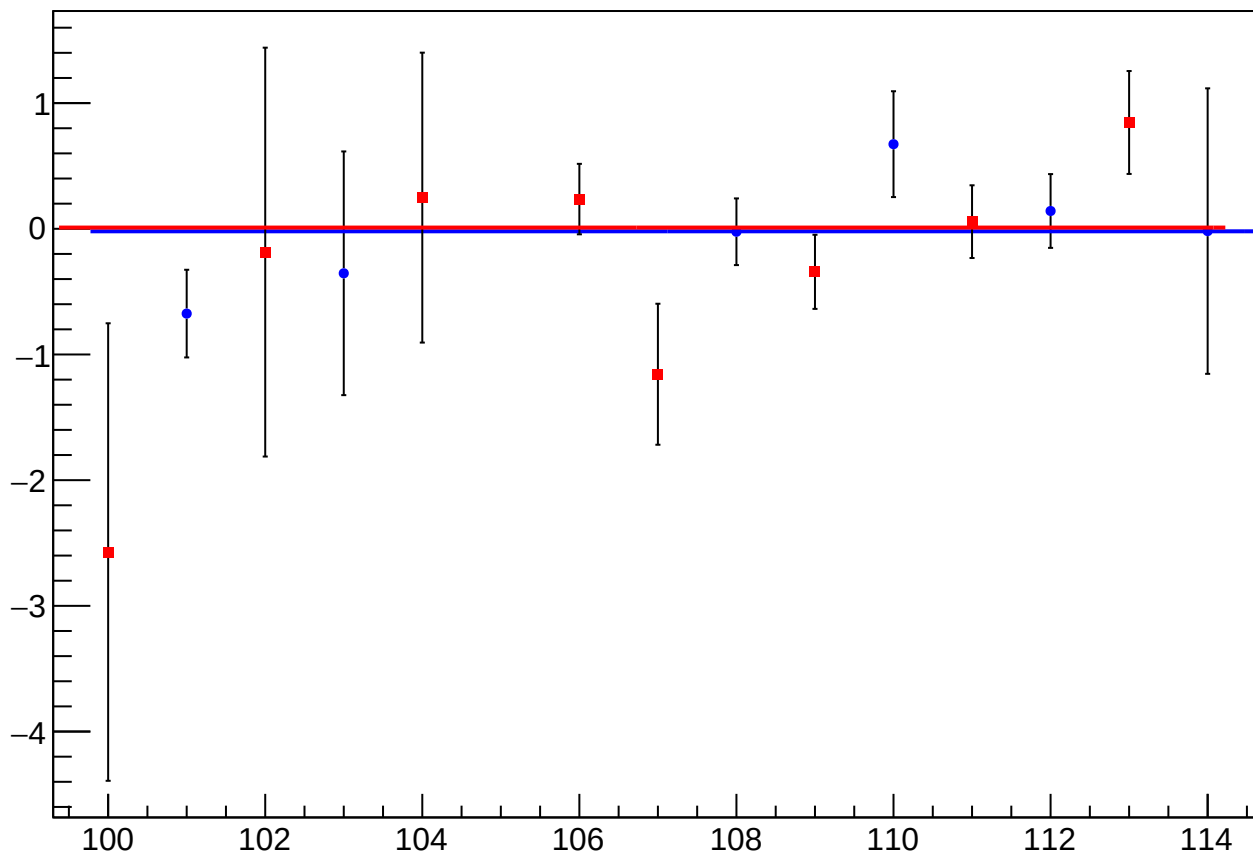
Right Out: 210.291+/-0.103 χ^2/NDF : 1192311.9/7

All: 216.985+/-0.075 χ^2/NDF : 1930968.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.155 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.146 χ^2 /NDF: 12.7/7

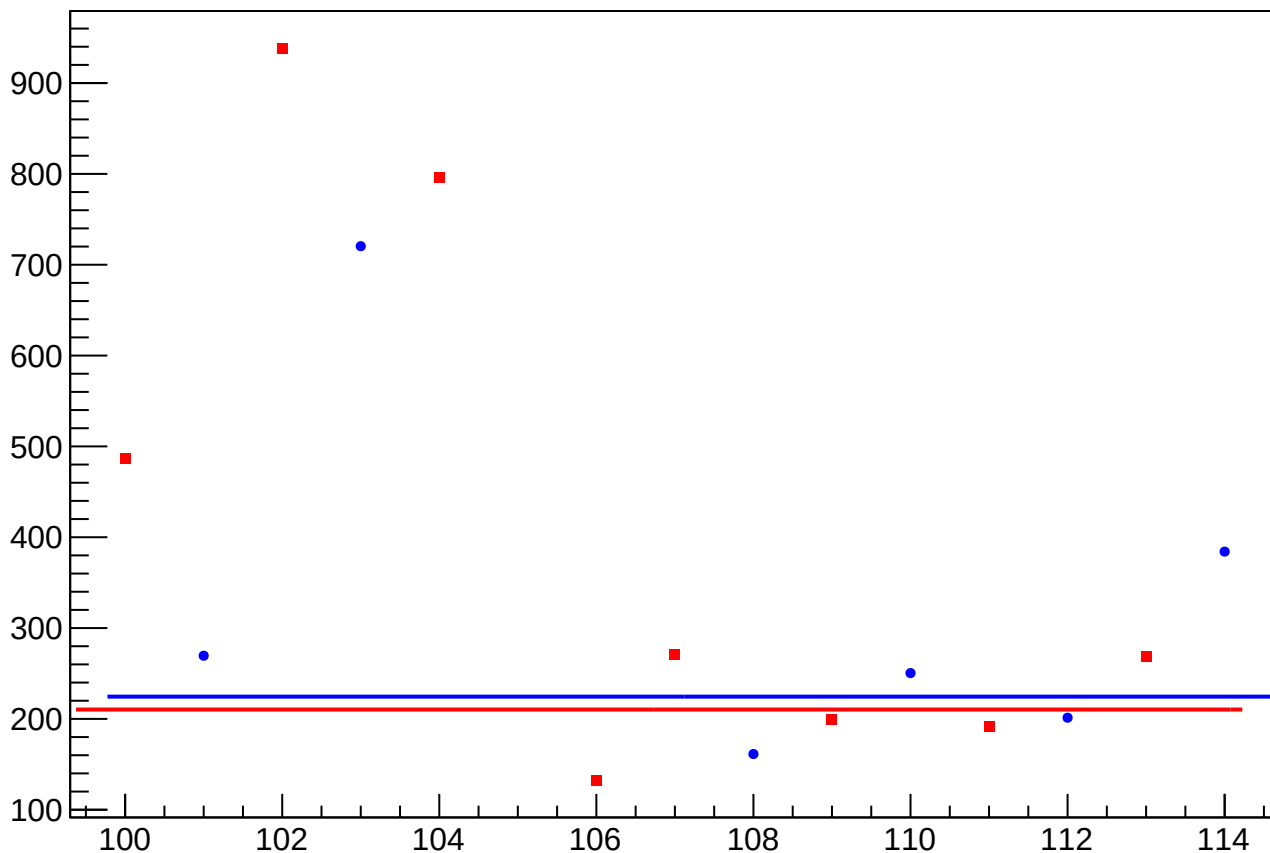
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.106 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 224.521+/-0.110 χ^2/NDF : 729751.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.291+/-0.103 χ^2/NDF : 1192311.9/7

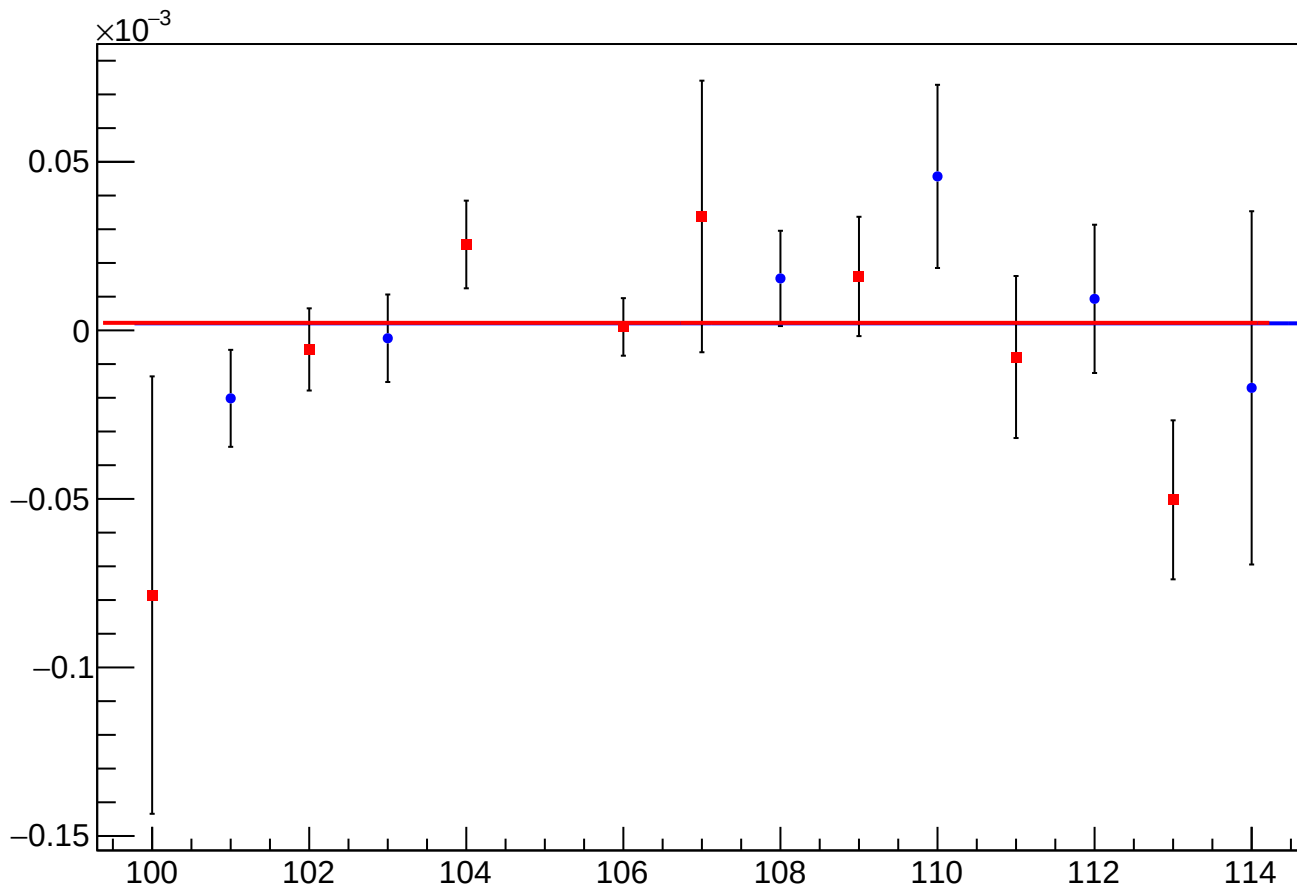
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.985+/-0.075 χ^2/NDF : 1930968.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/7

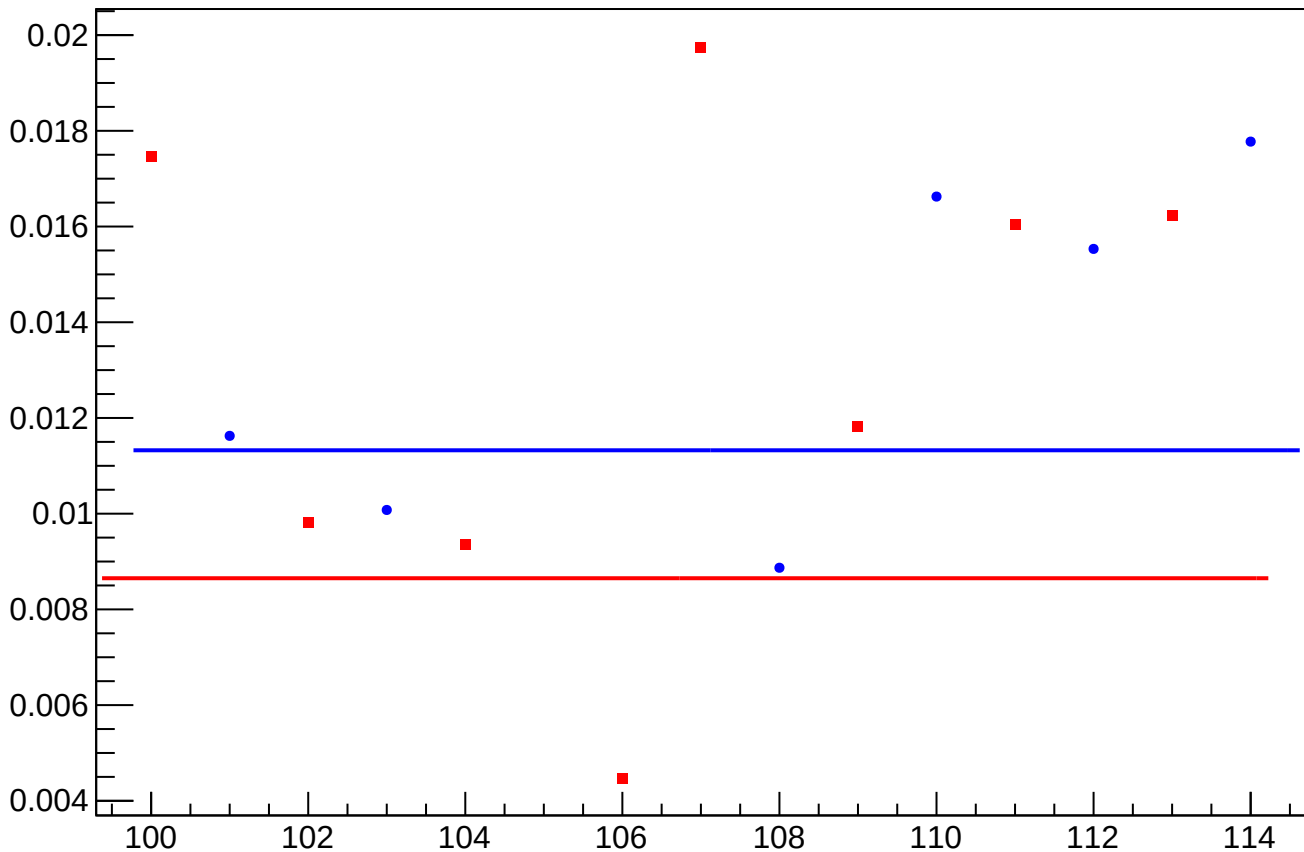
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 259293.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1153923.3/7

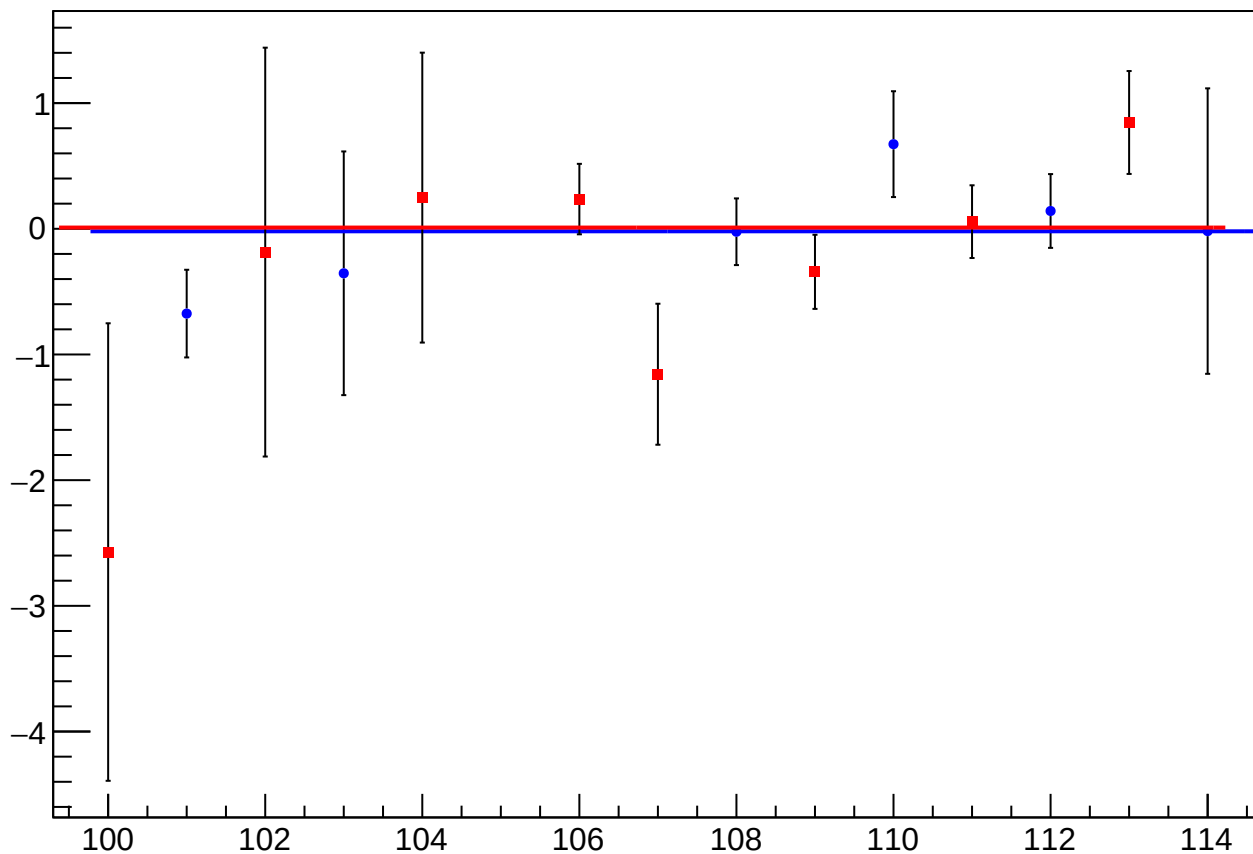
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1590599.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.155 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.146 χ^2 /NDF: 12.7/7

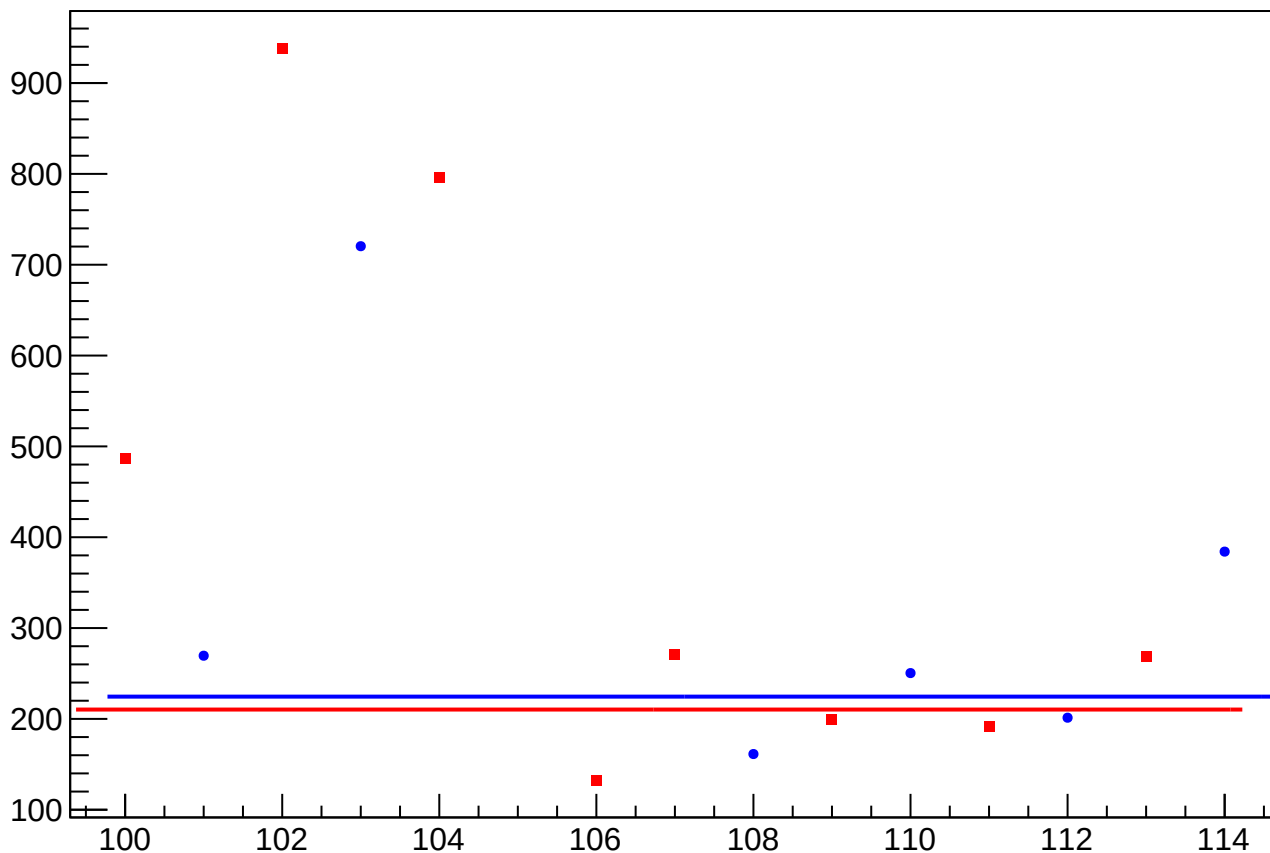
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.106 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 224.524 $\pm$ 0.110 χ^2 /NDF: 729725.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

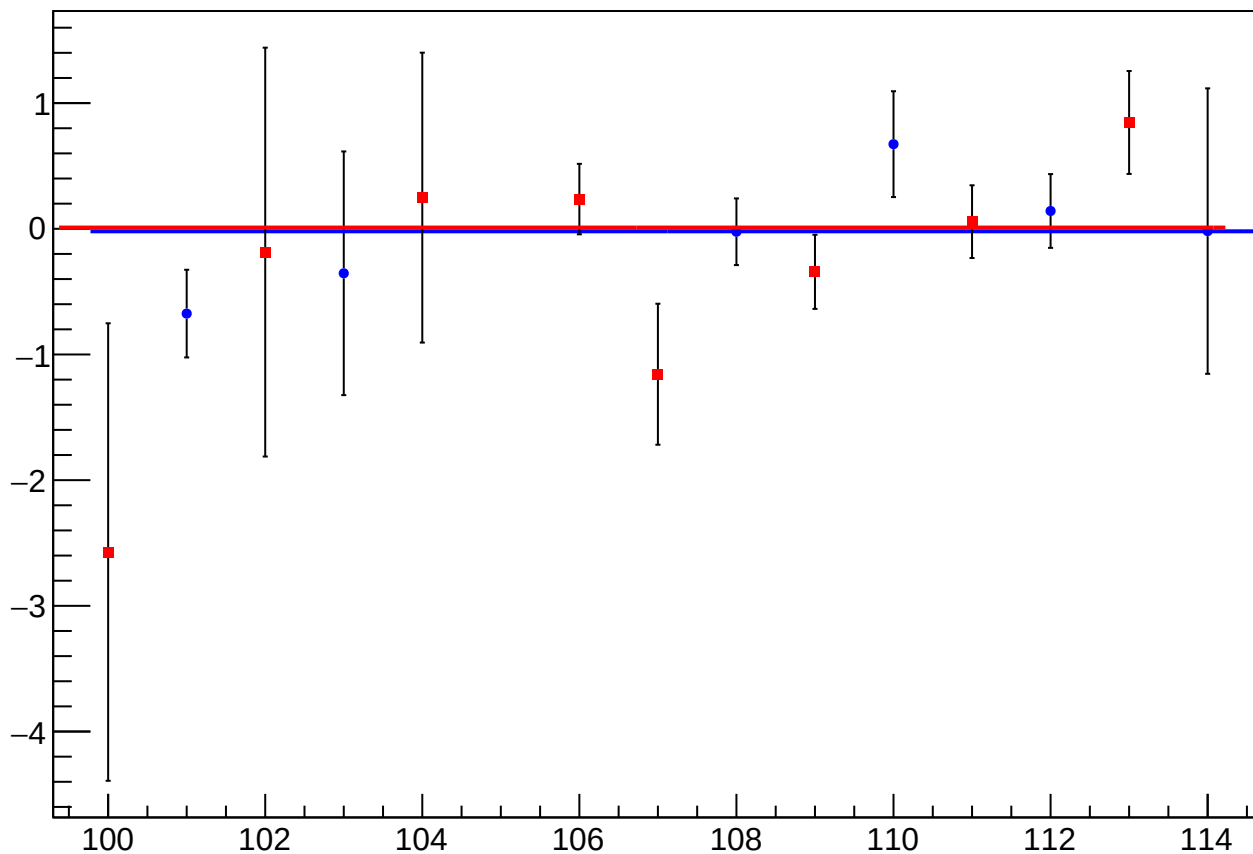
Right Out: 210.292 $\pm$ 0.103 χ^2 /NDF: 1192298.4/7

All: 216.986 $\pm$ 0.075 χ^2 /NDF: 1930932.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.155 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.146 χ^2 /NDF: 12.7/7

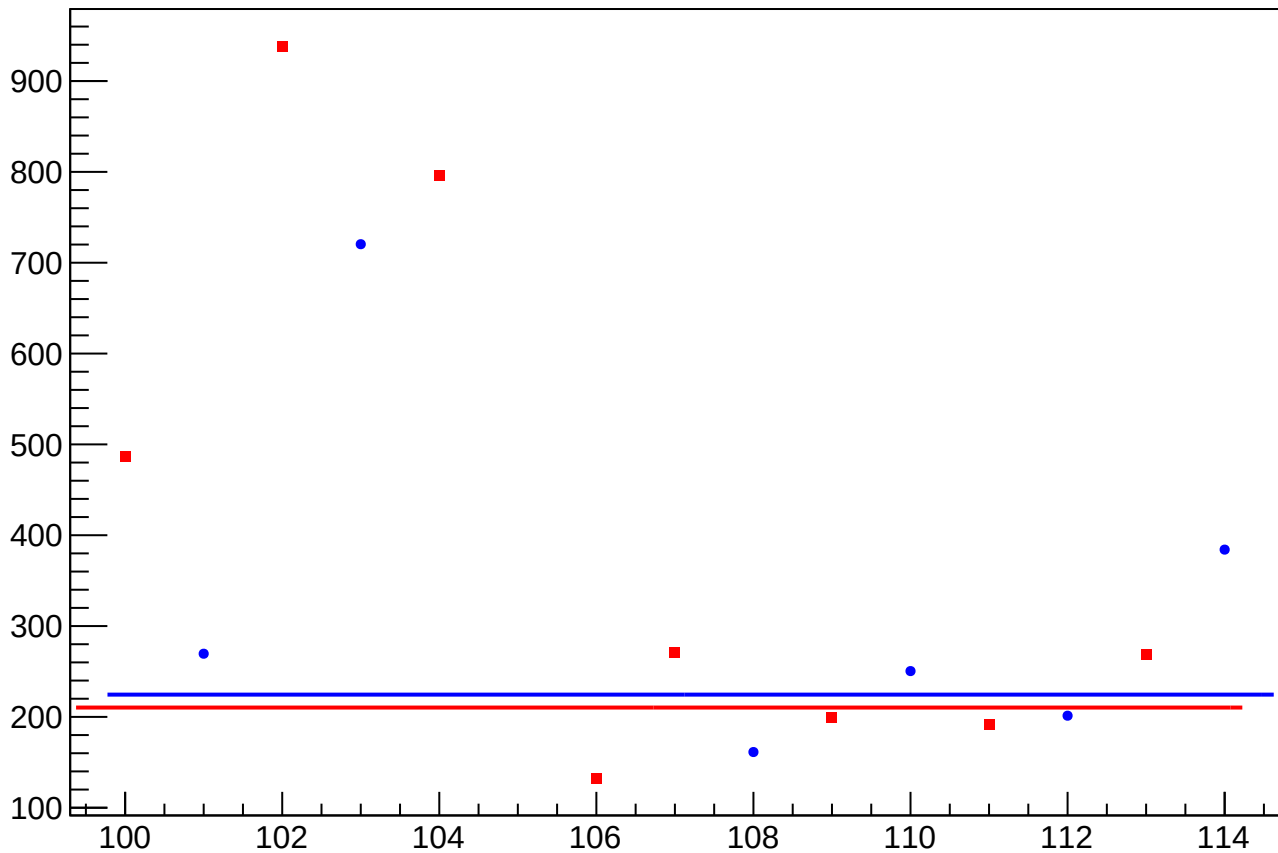
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.106 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 224.524+/-0.110 χ^2/NDF : 729725.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

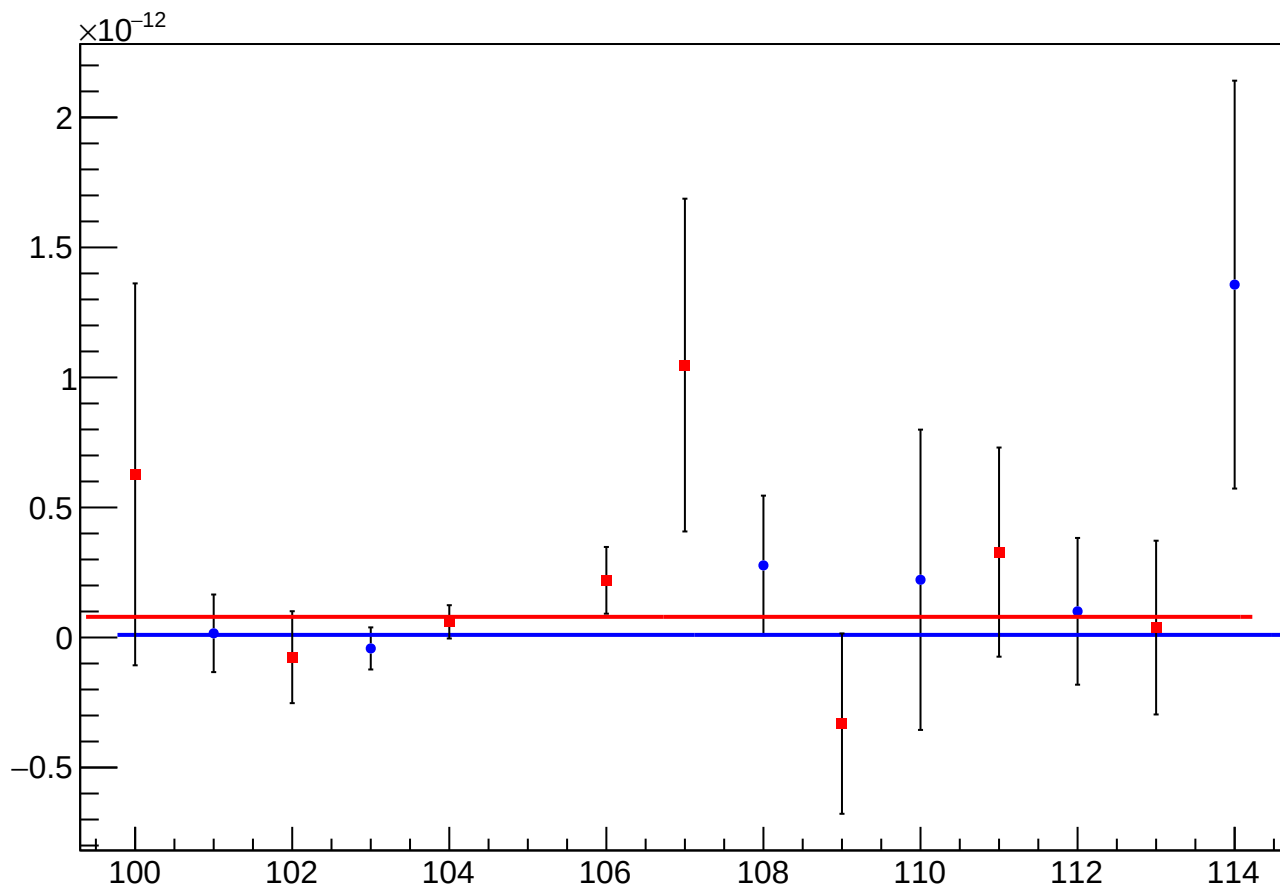
Right Out: 210.292+/-0.103 χ^2/NDF : 1192298.4/7

All: 216.986+/-0.075 χ^2/NDF : 1930932.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/7

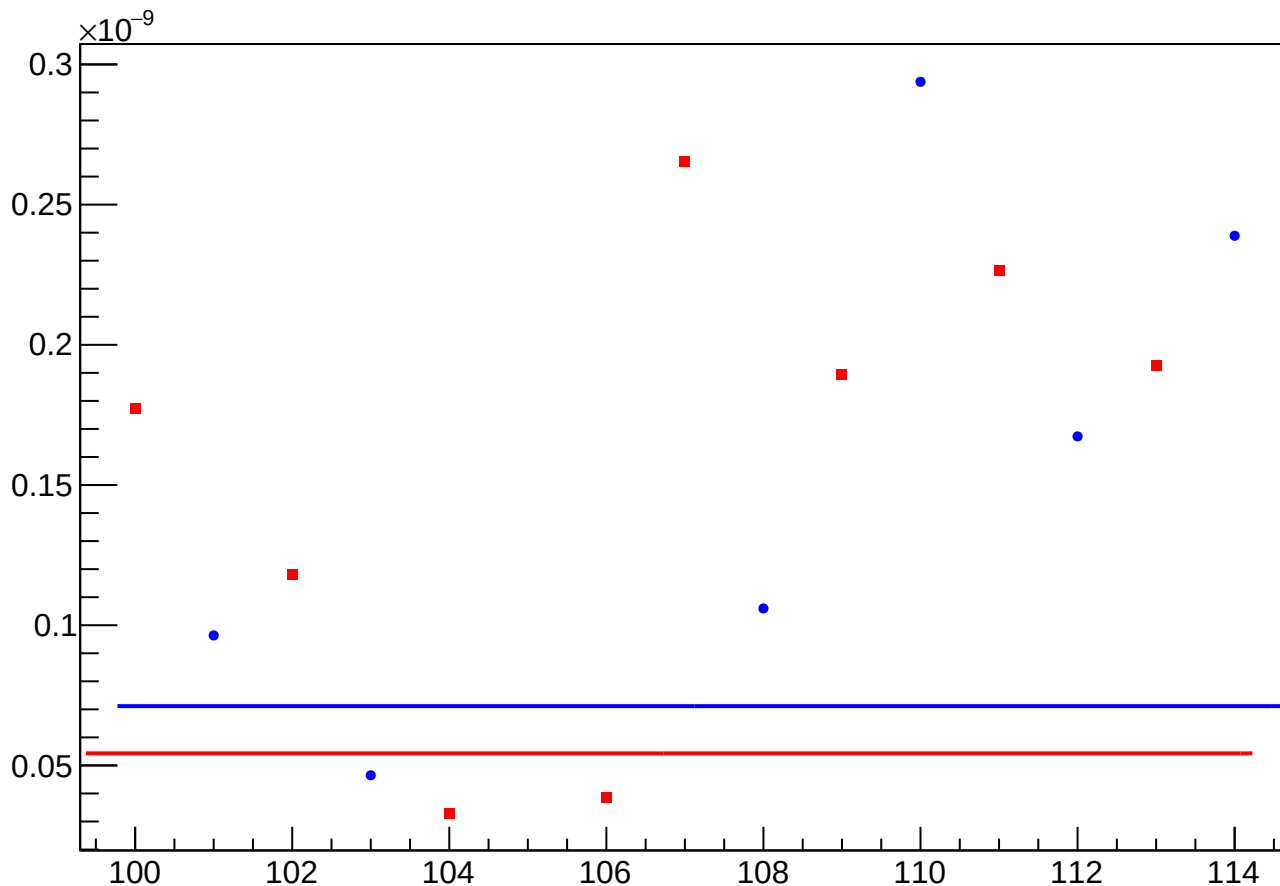
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 897933.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1804413.9/7

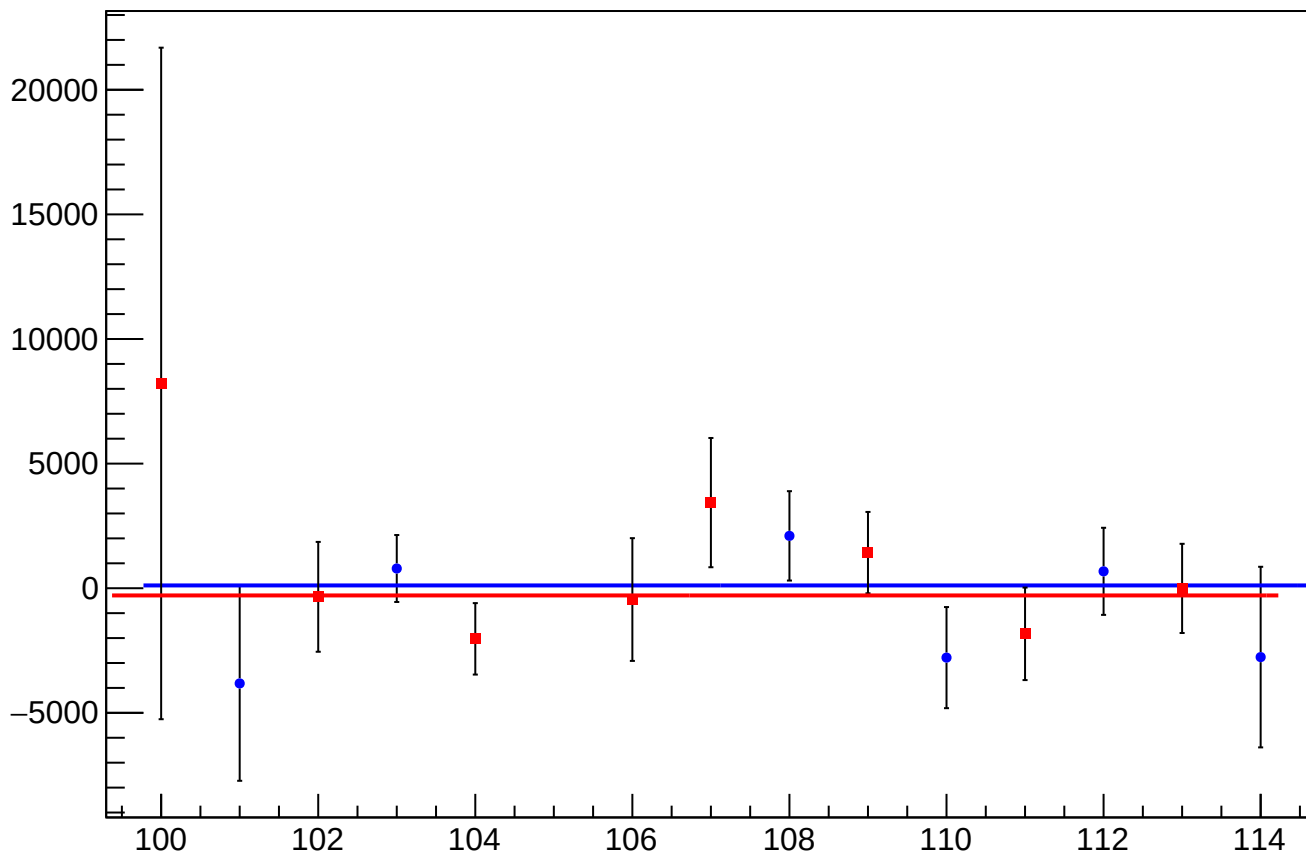
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2782061.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 112.202 $\pm$ 796.241 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -289.236 $\pm$ 708.931 χ^2 /NDF: 5.8/7

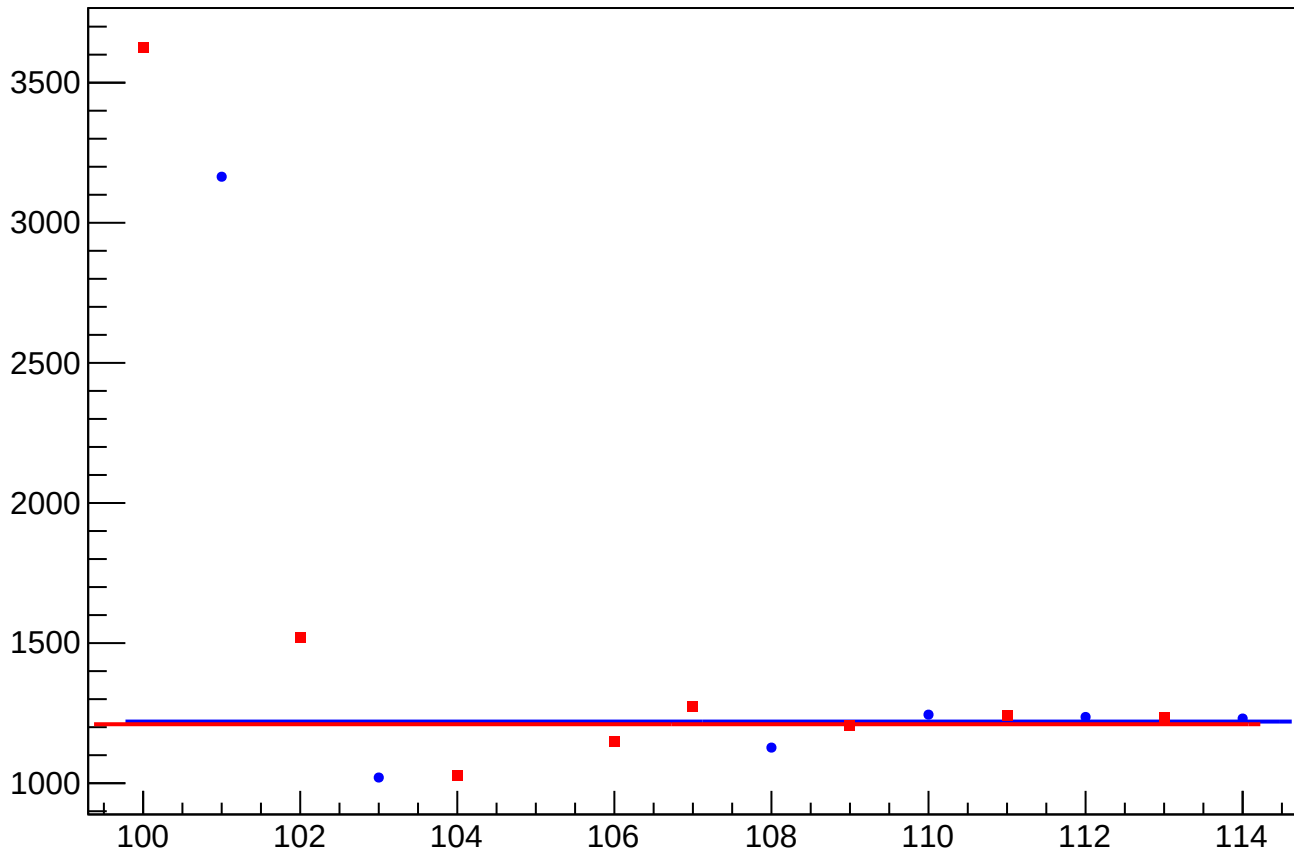
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.725 $\pm$ 529.478 χ^2 /NDF: 11.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1219.984 $\pm$ 0.563 χ^2 /NDF: 545305.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1210.477 $\pm$ 0.499 χ^2 /NDF: 140441.2/7

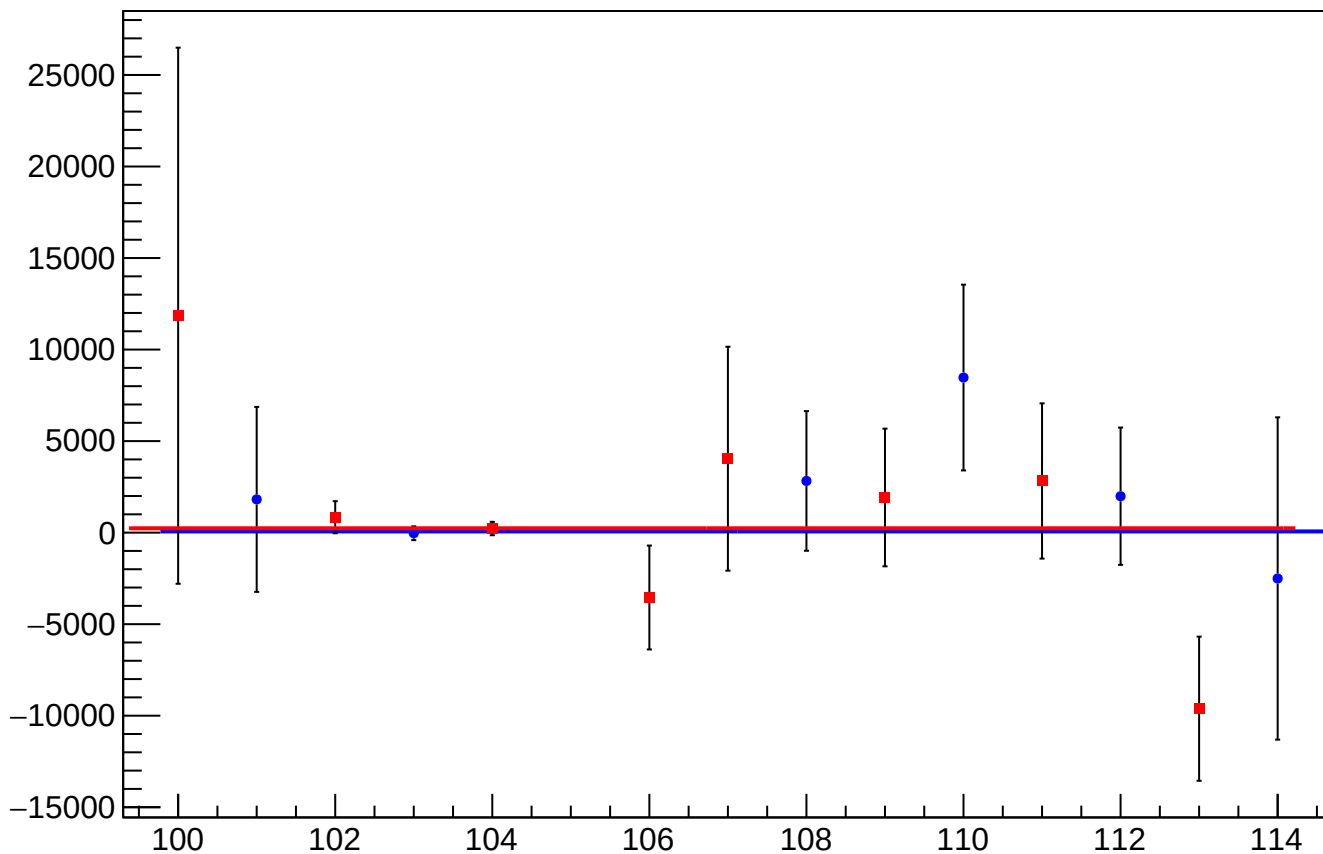
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1214.658 $\pm$ 0.373 χ^2 /NDF: 685906.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: 65.754+/-371.547 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.321+/-331.408 χ^2/NDF : 10.1/7

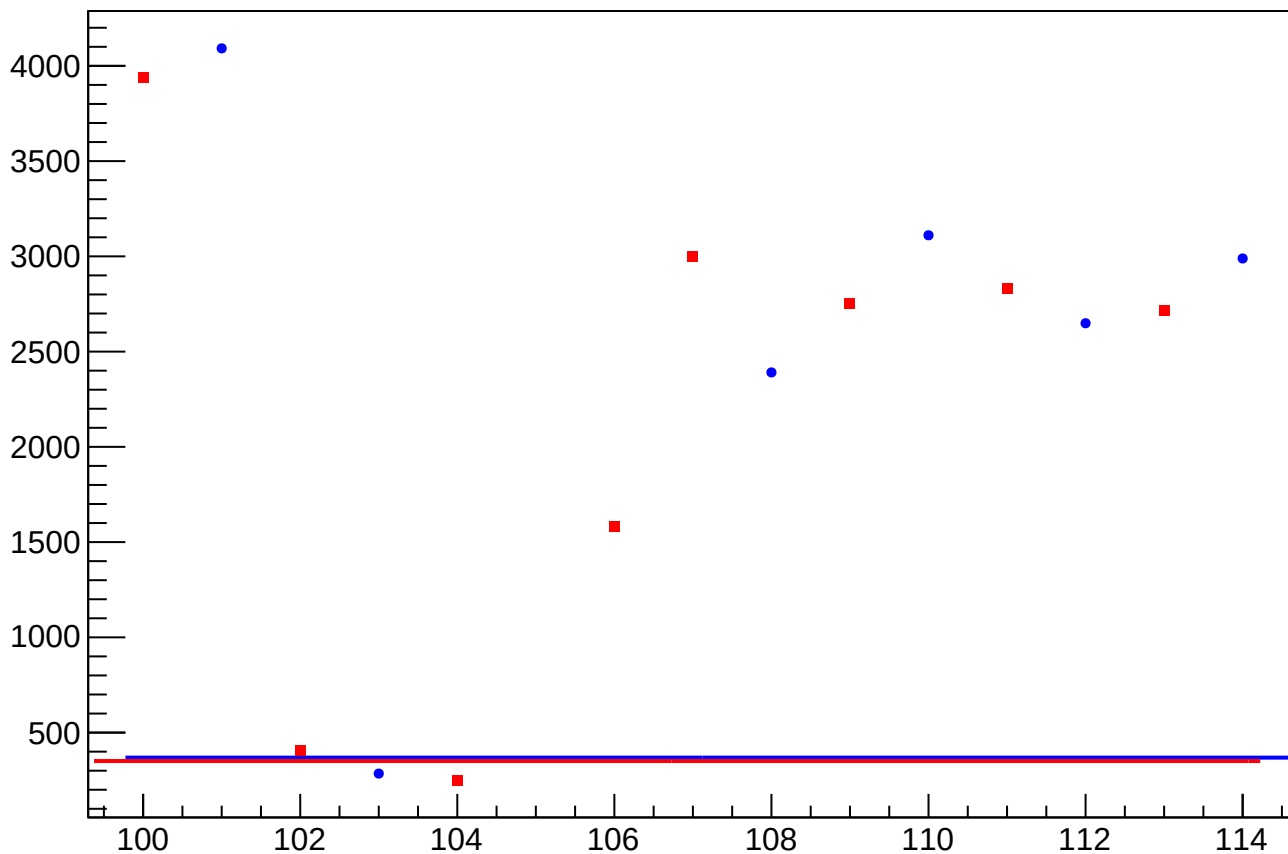
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.302+/-247.319 χ^2/NDF : 14.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 368.657 $\pm$ 0.263 χ^2 /NDF: 3247802.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 350.781 $\pm$ 0.234 χ^2 /NDF: 3260782.9/7

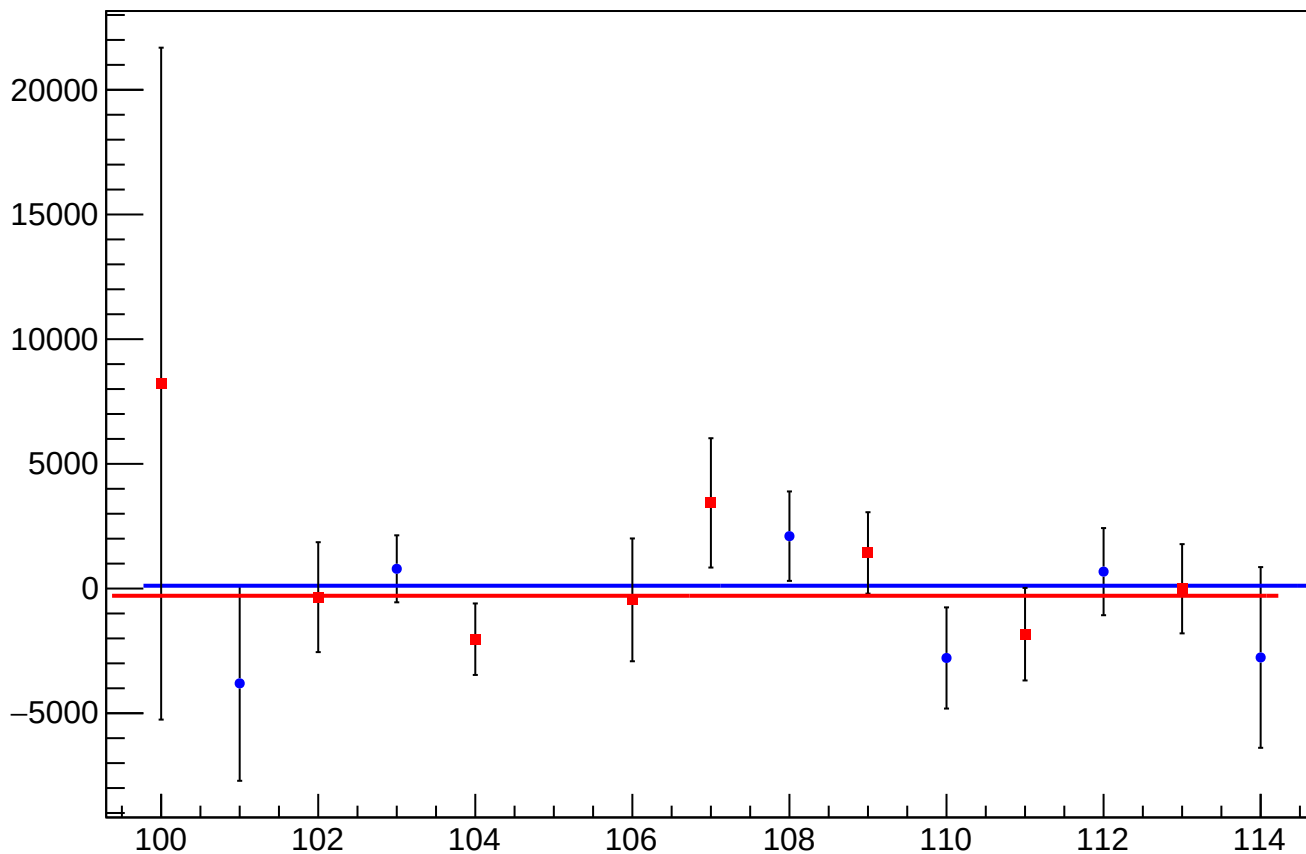
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 358.702 $\pm$ 0.175 χ^2 /NDF: 6511164.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 112.852 $\pm$ 796.242 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -289.652 $\pm$ 708.931 χ^2 /NDF: 5.8/7

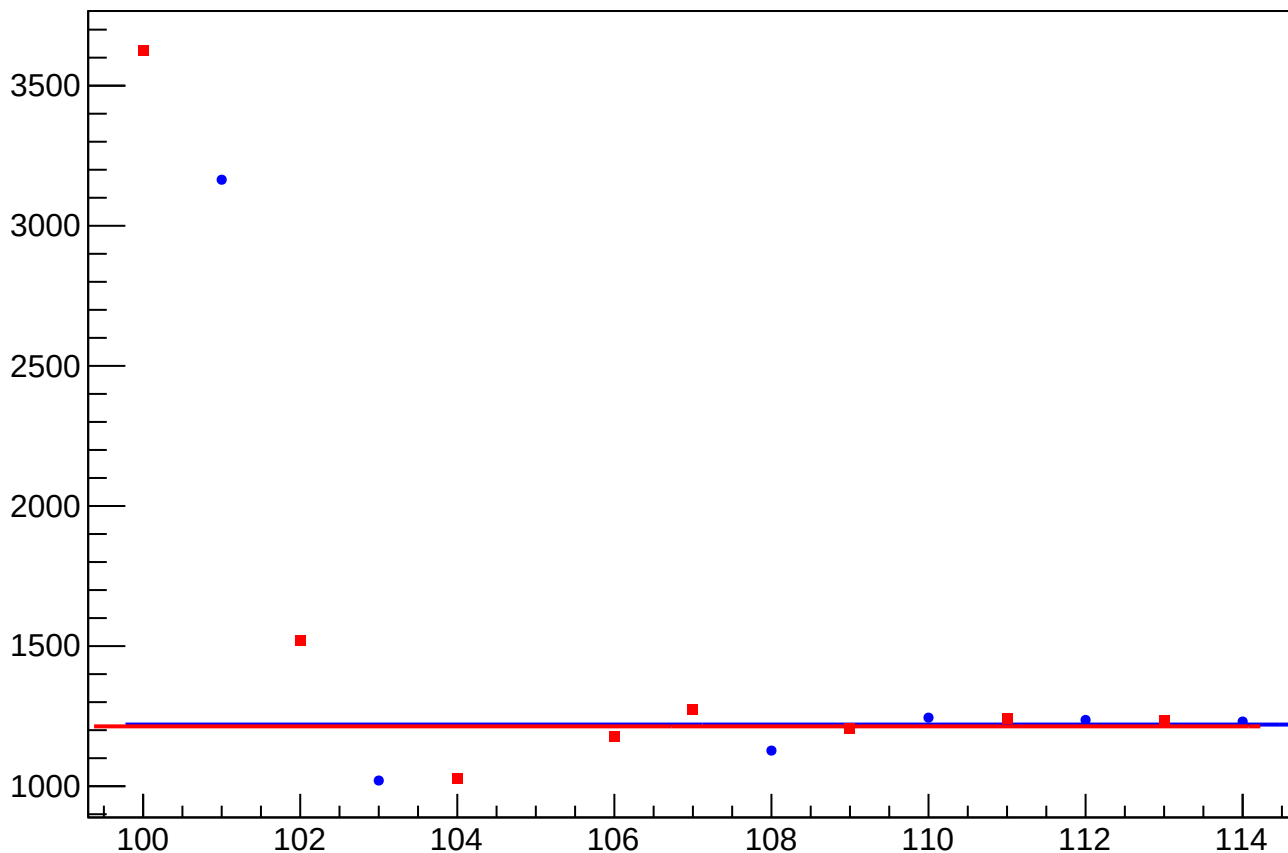
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.670 $\pm$ 529.478 χ^2 /NDF: 11.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1219.984 $\pm$ 0.563 χ^2 /NDF: 545306.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1213.573 $\pm$ 0.501 χ^2 /NDF: 139284.3/7

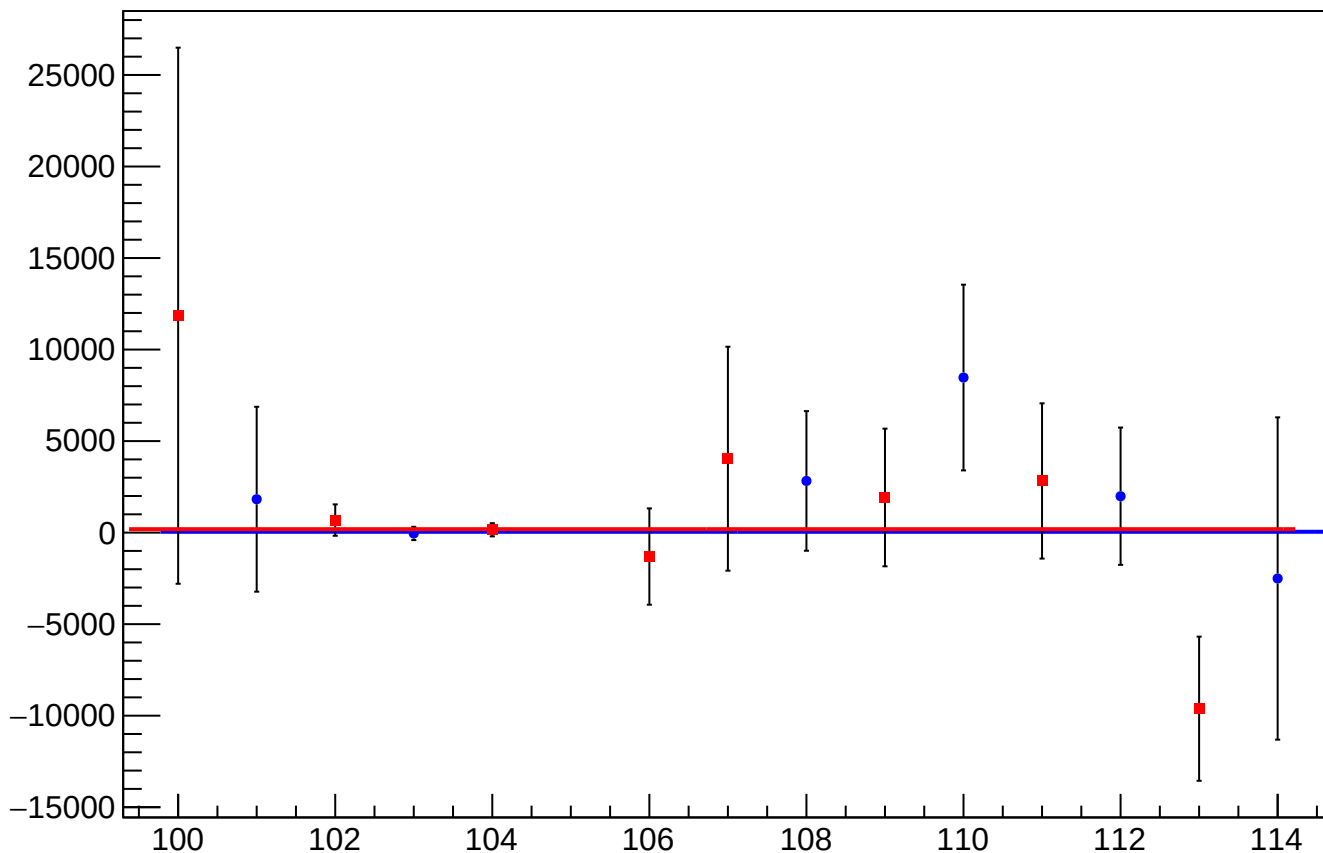
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1216.403 $\pm$ 0.374 χ^2 /NDF: 684663.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug



Right In: 45.754+/-356.894 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.262+/-325.799 χ^2/NDF : 8.5/7

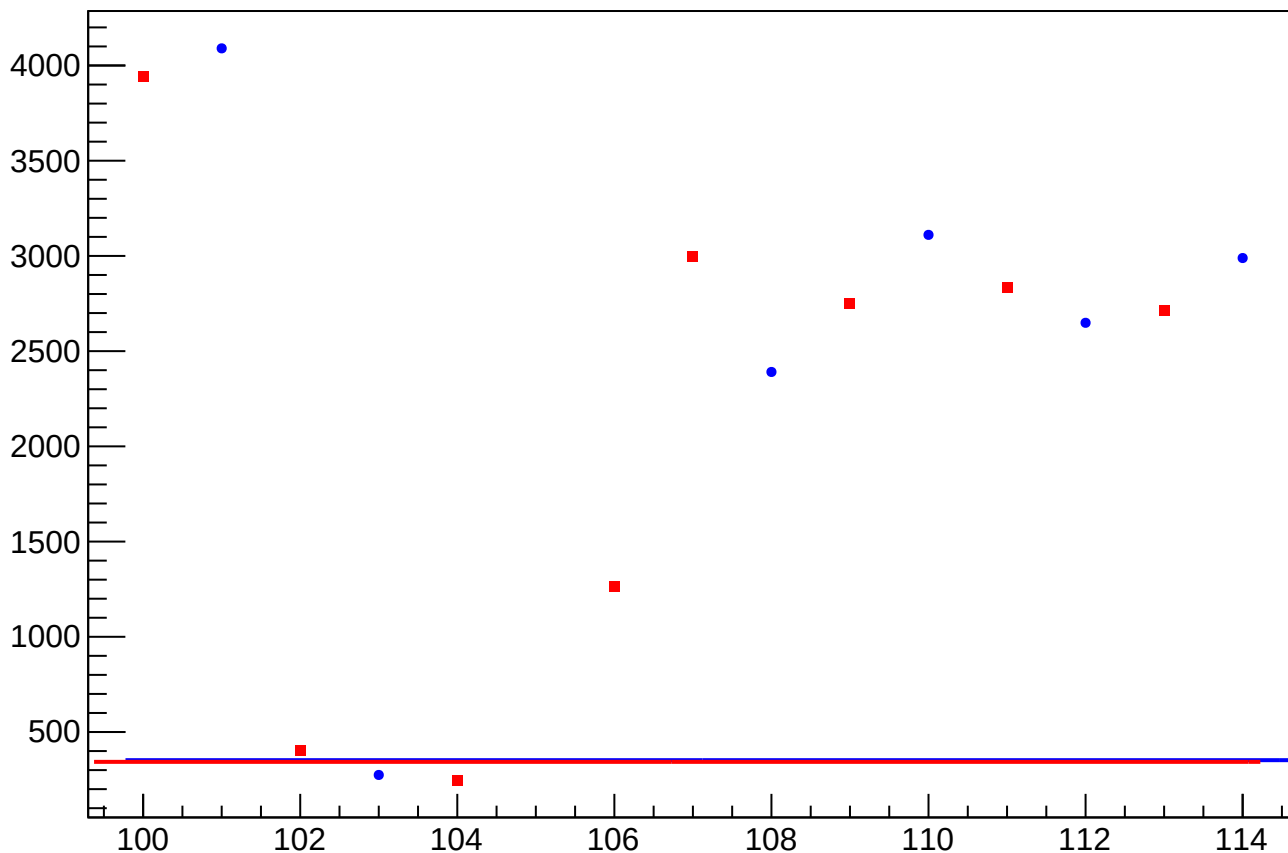
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.486+/-240.618 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 352.152 $\pm$ 0.252 χ^2 /NDF: 3279946.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.297 $\pm$ 0.230 χ^2 /NDF: 3138780.9/7

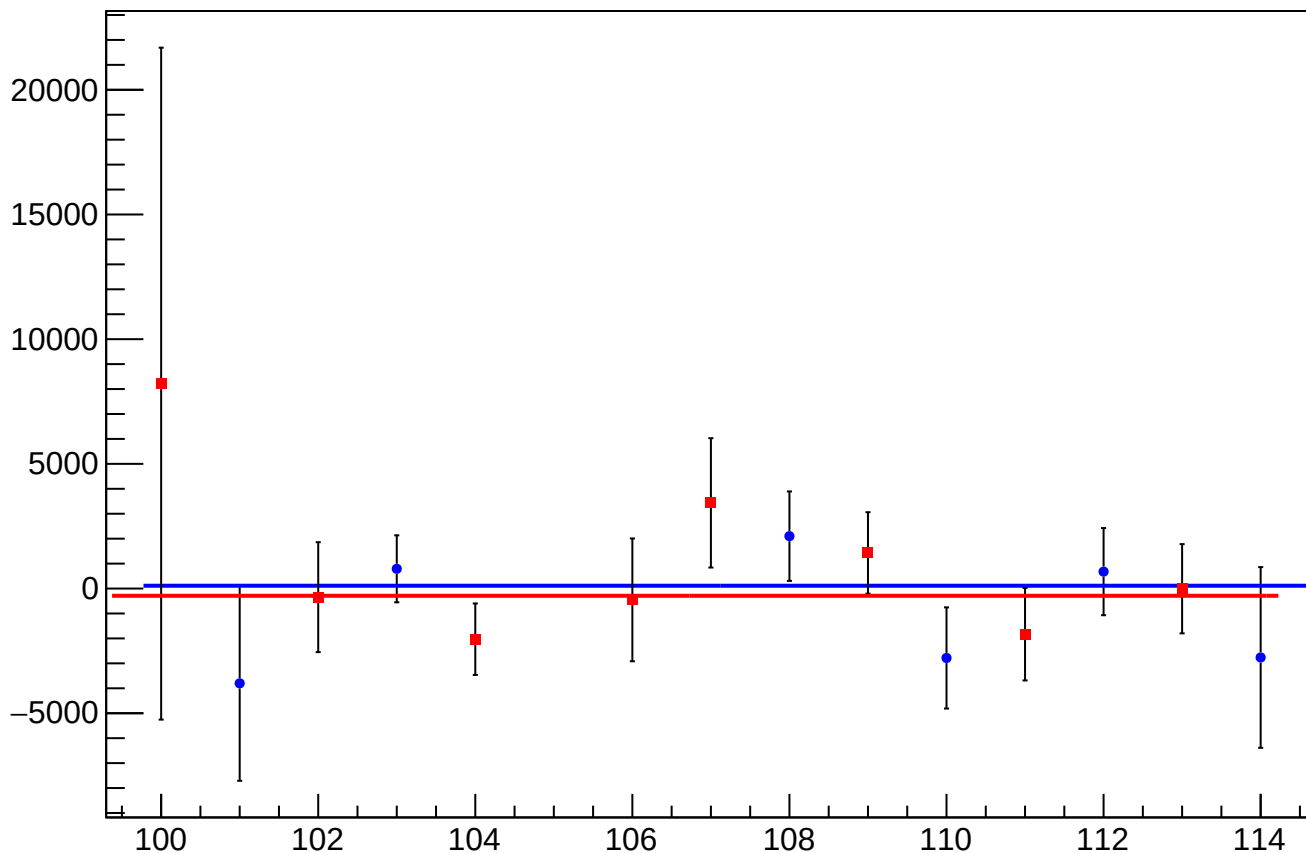
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 347.322 $\pm$ 0.170 χ^2 /NDF: 6419398.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 112.852 $\pm$ 796.242 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -289.652 $\pm$ 708.931 χ^2 /NDF: 5.8/7

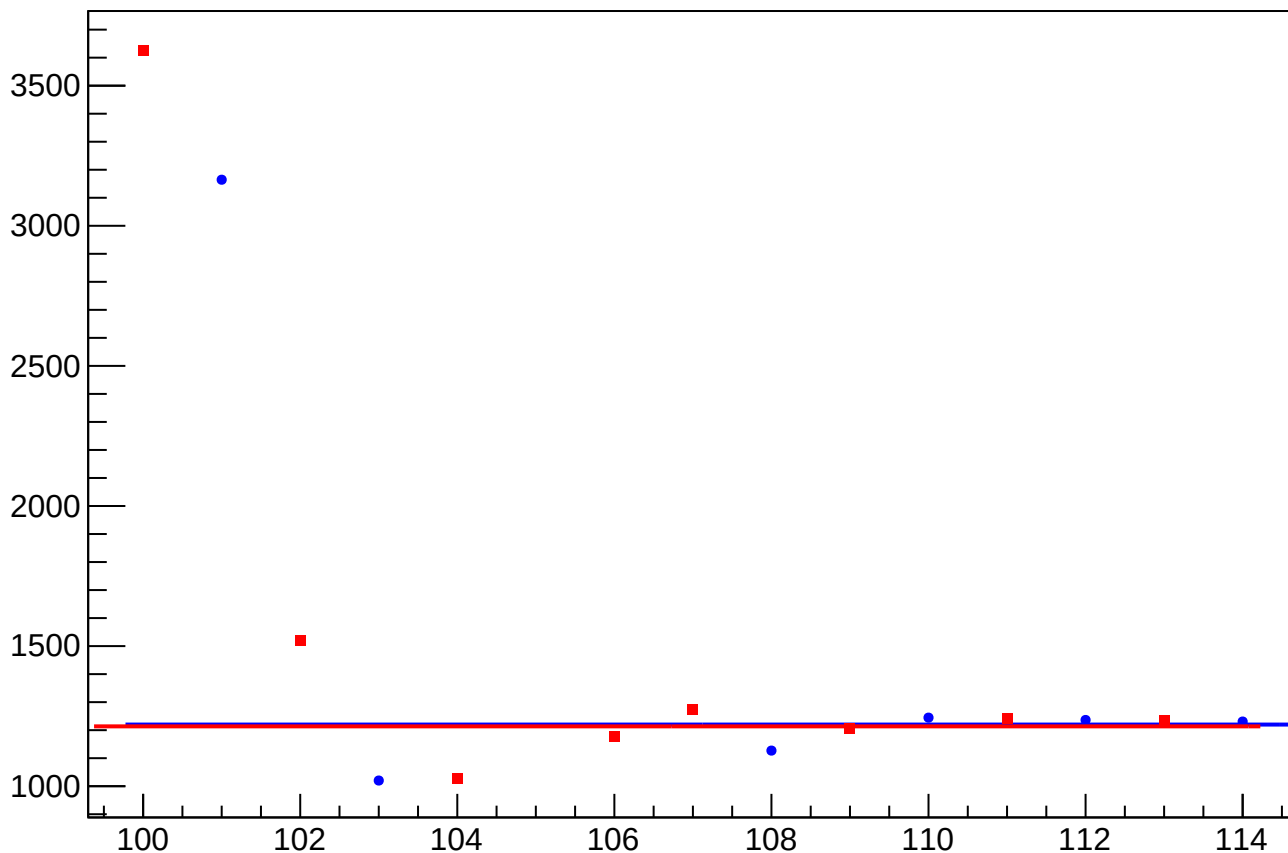
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.670 $\pm$ 529.478 χ^2 /NDF: 11.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1219.984+/-0.563 χ^2/NDF : 545306.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1213.573+/-0.501 χ^2/NDF : 139284.3/7

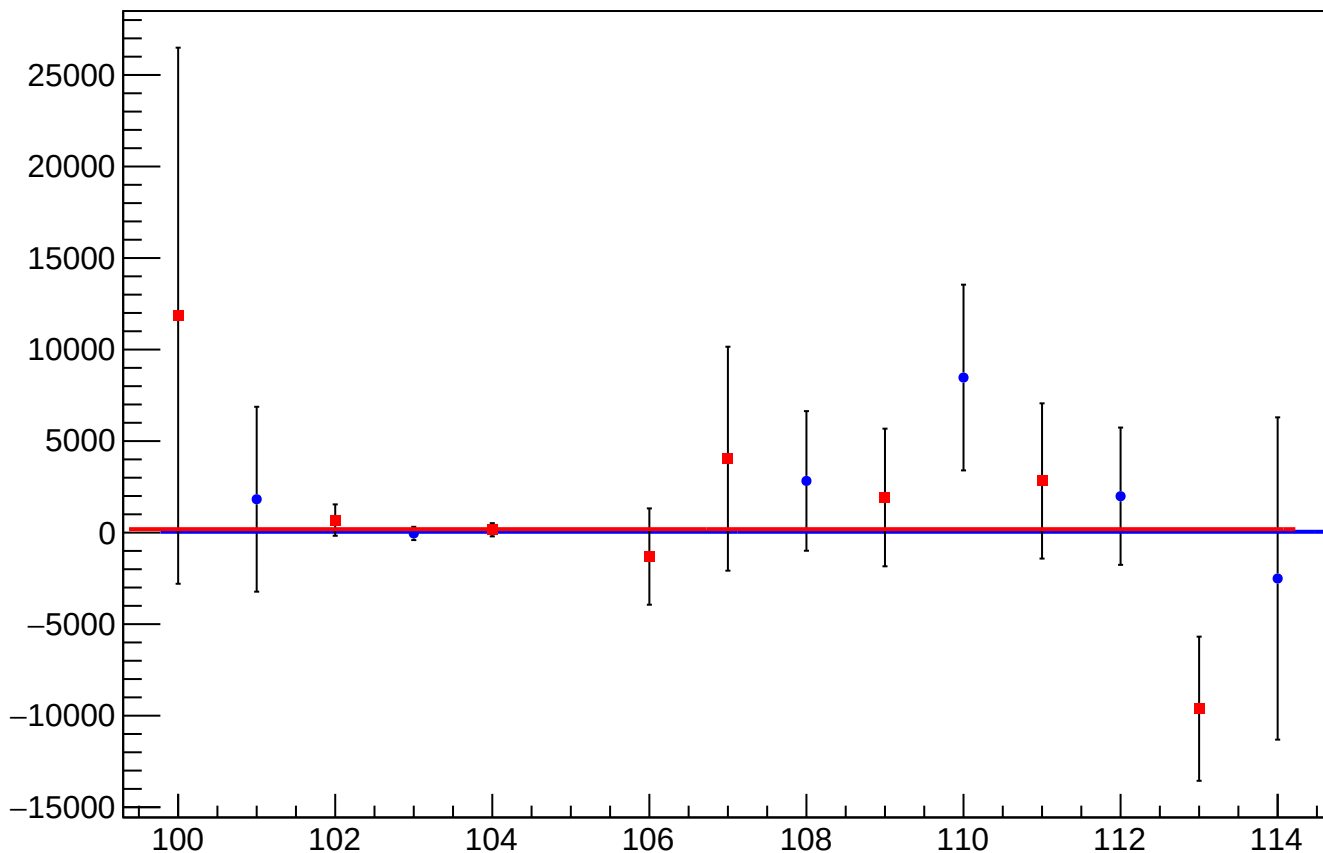
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.403+/-0.374 χ^2/NDF : 684663.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 45.754+/-356.894 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.262+/-325.799 χ^2/NDF : 8.5/7

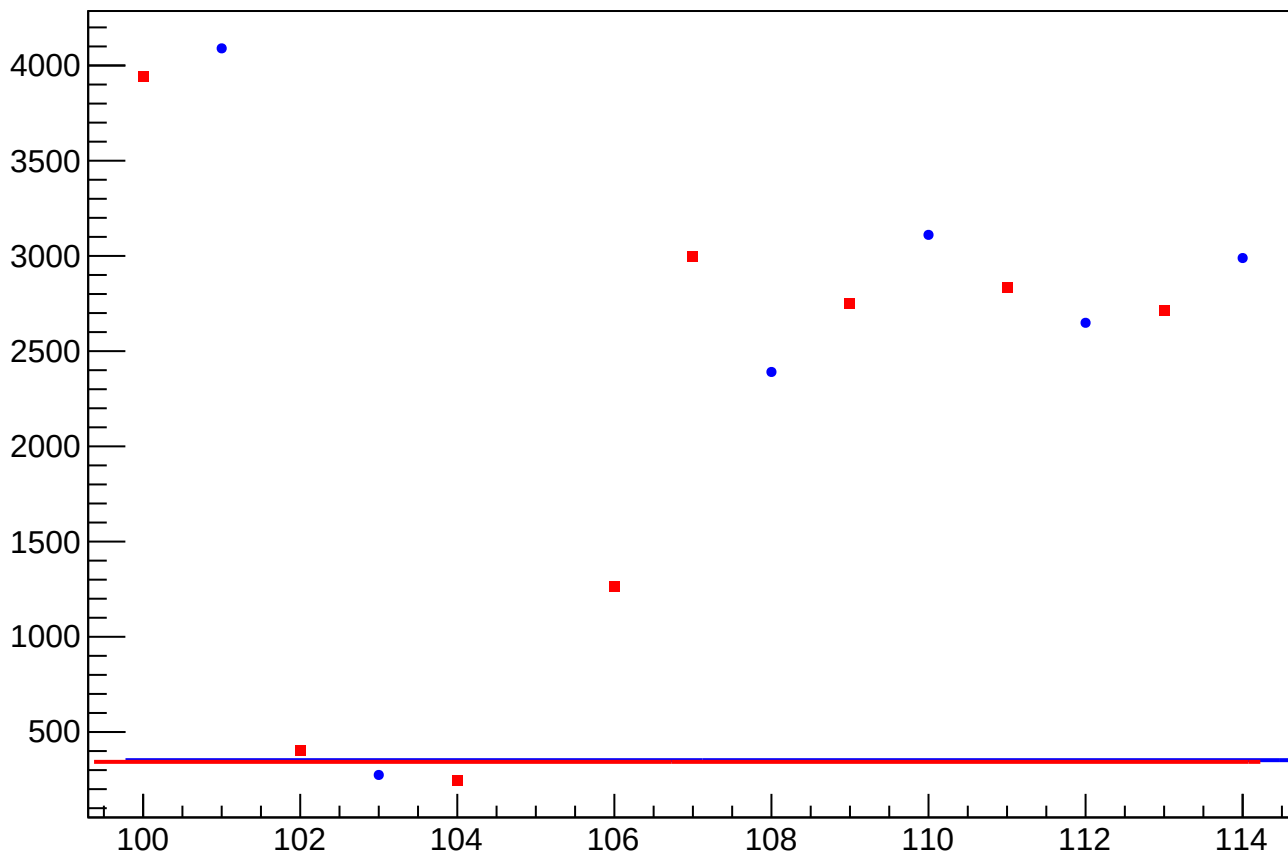
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.486+/-240.618 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 352.152 $\pm$ 0.252 χ^2 /NDF: 3279946.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 343.297 $\pm$ 0.230 χ^2 /NDF: 3138780.9/7

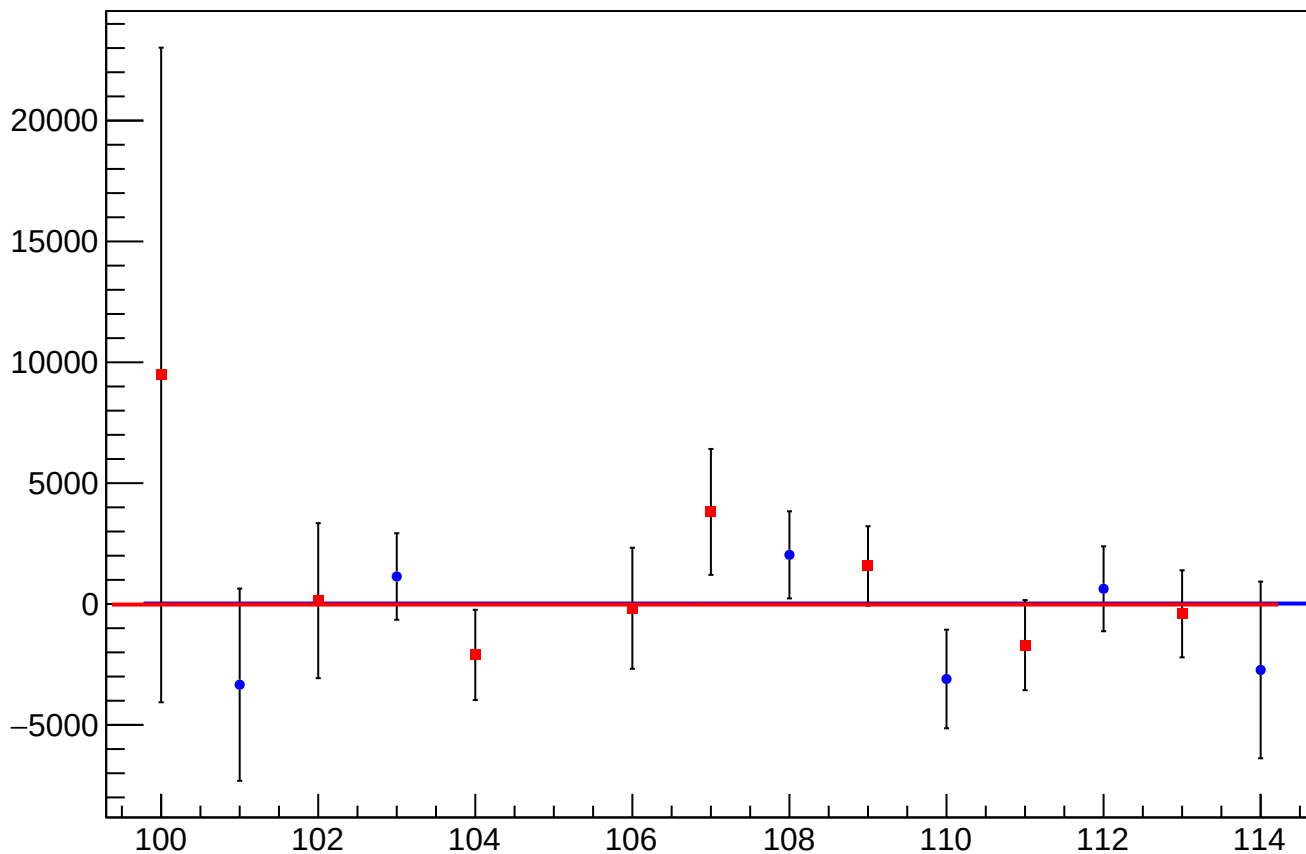
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 347.322 $\pm$ 0.170 χ^2 /NDF: 6419398.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 20.121+/-869.437 χ^2/NDF : 5.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.016+/-775.249 χ^2/NDF : 5.7/7

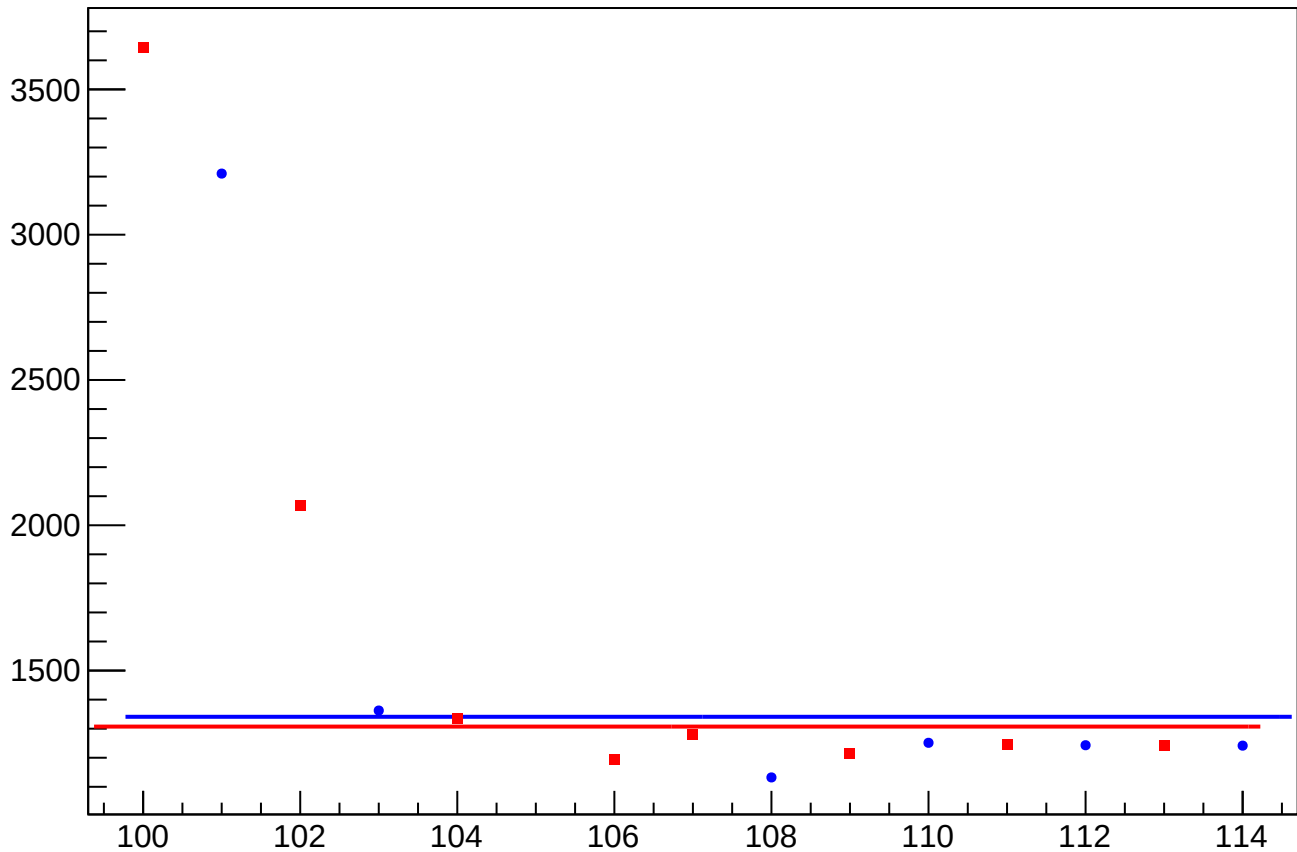
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.796+/-578.629 χ^2/NDF : 11.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1340.925+/-0.615 χ^2/NDF : 480818.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.194+/-0.547 χ^2/NDF : 187946.5/7

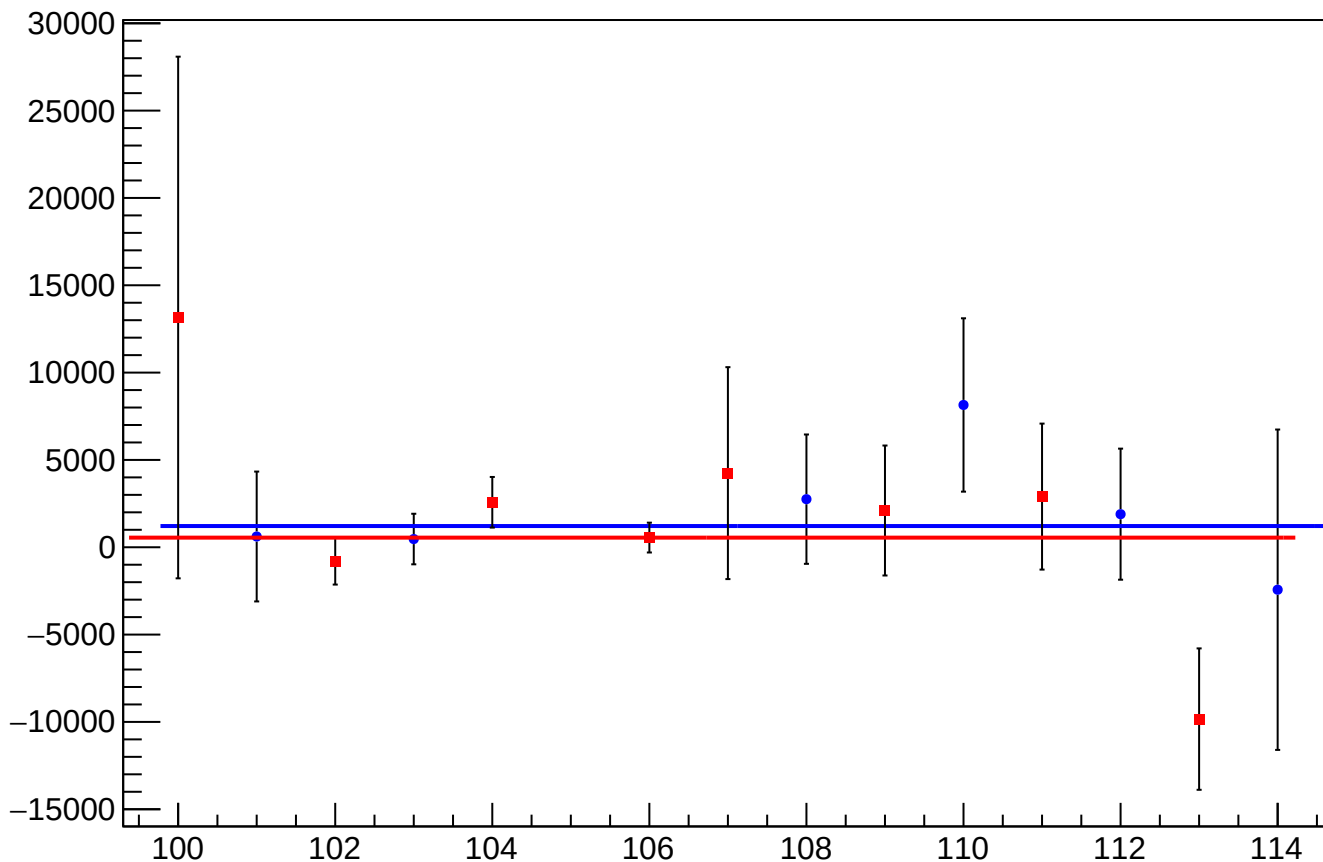
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.110+/-0.409 χ^2/NDF : 670444.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 1214.820+/-1157.762 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.803+/-617.672 χ^2/NDF : 11.1/7

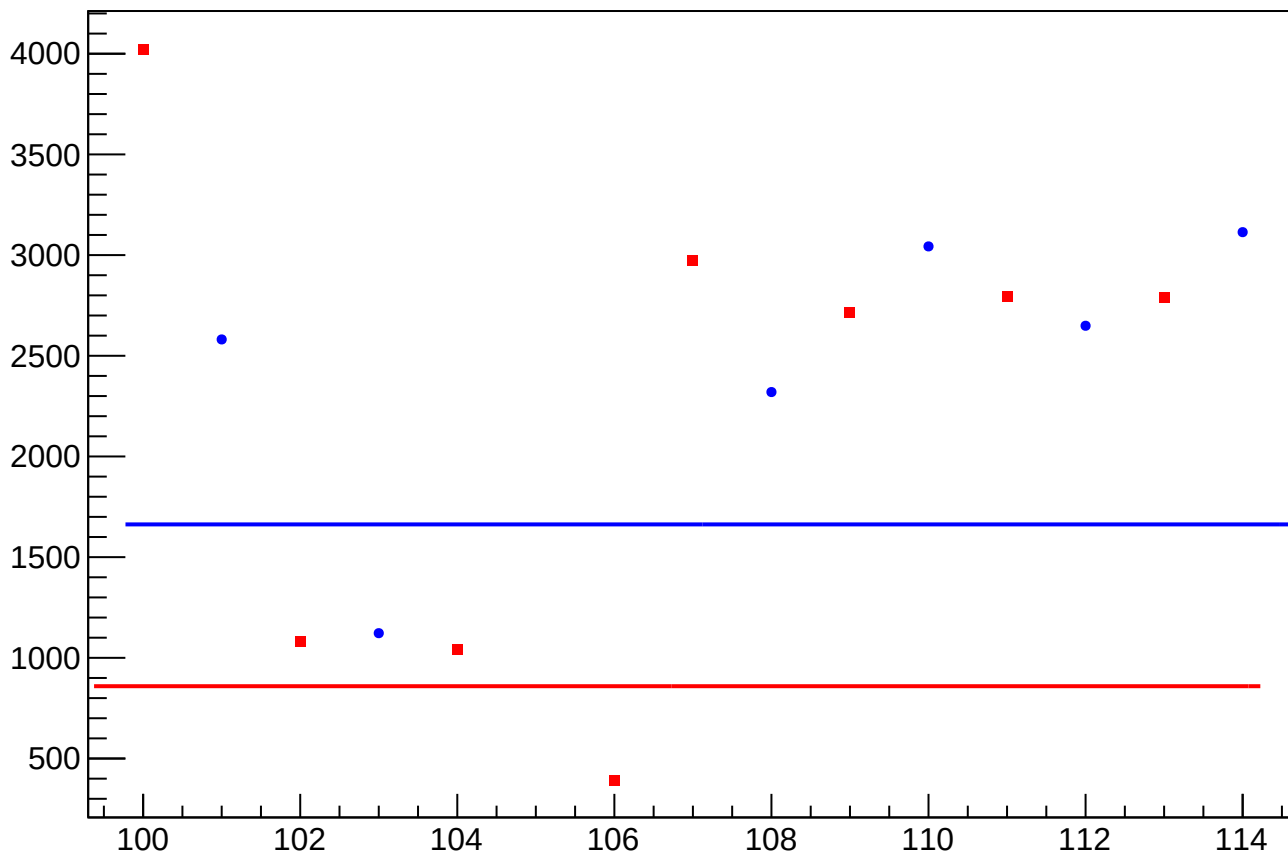
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.926+/-544.966 χ^2/NDF : 14.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 1662.620+/-0.819 χ^2/NDF : 806661.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 859.121+/-0.437 χ^2/NDF : 2403434.4/7

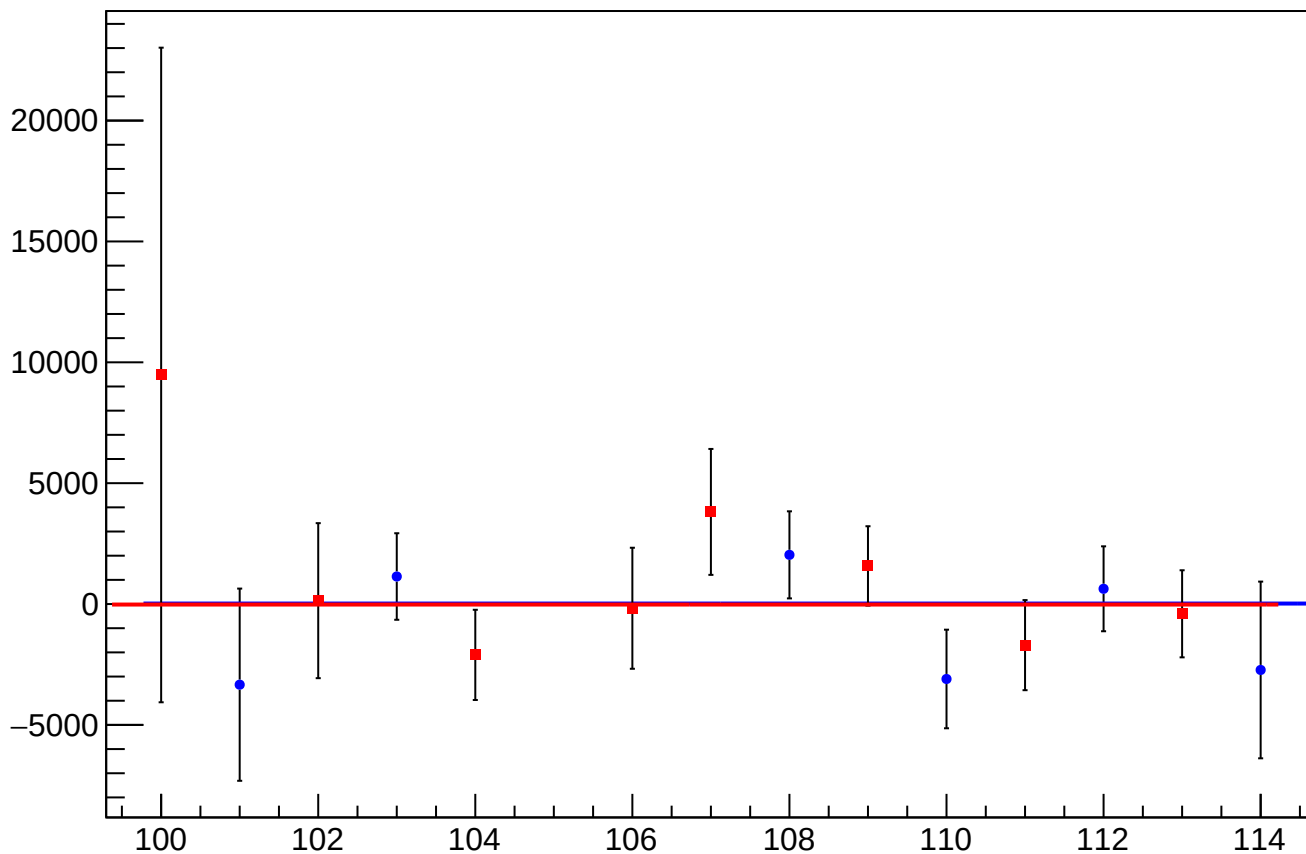
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.148+/-0.385 χ^2/NDF : 3959962.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 20.117+/-869.437 χ^2/NDF : 5.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.010+/-775.249 χ^2/NDF : 5.7/7

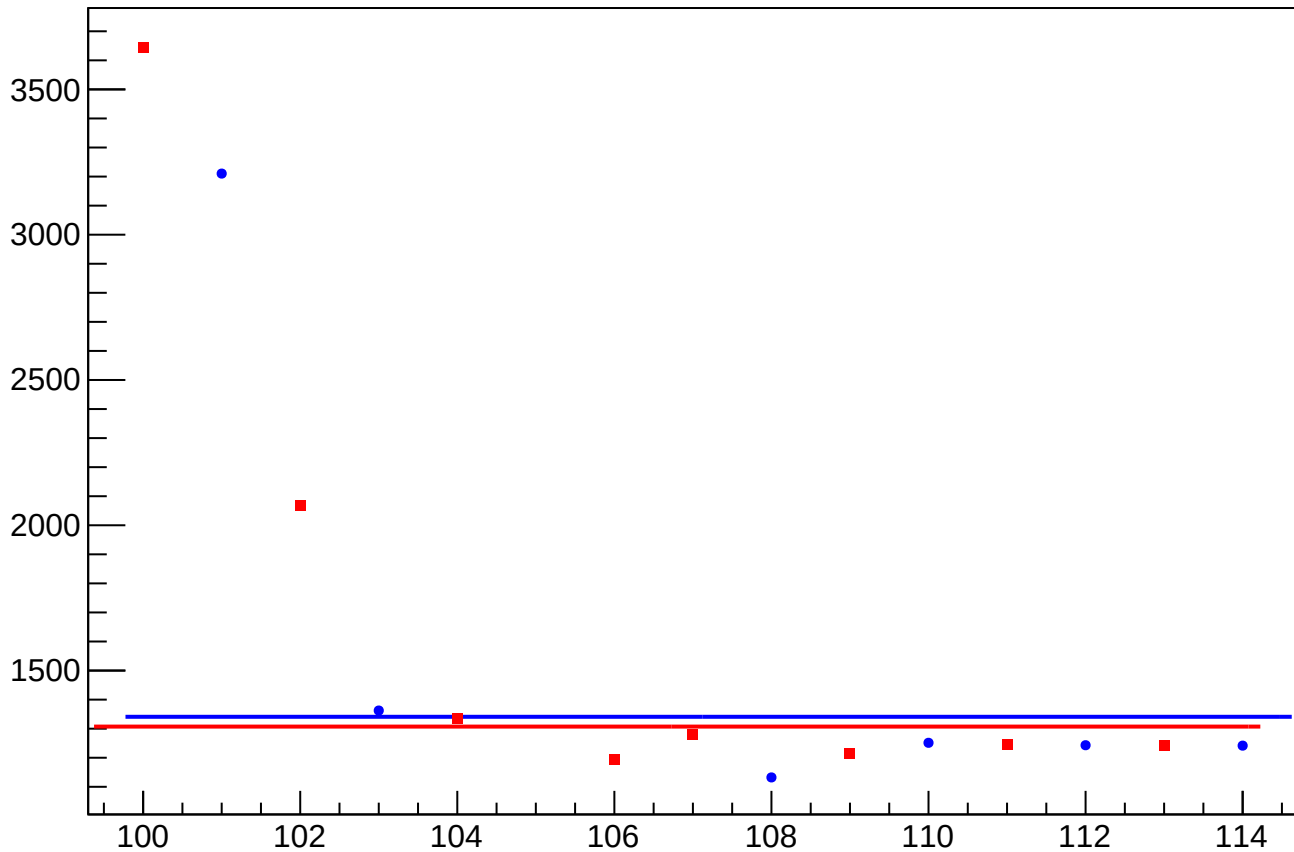
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.795+/-578.629 χ^2/NDF : 11.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1340.925+/-0.615 χ^2/NDF : 480818.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.194+/-0.547 χ^2/NDF : 187946.3/7

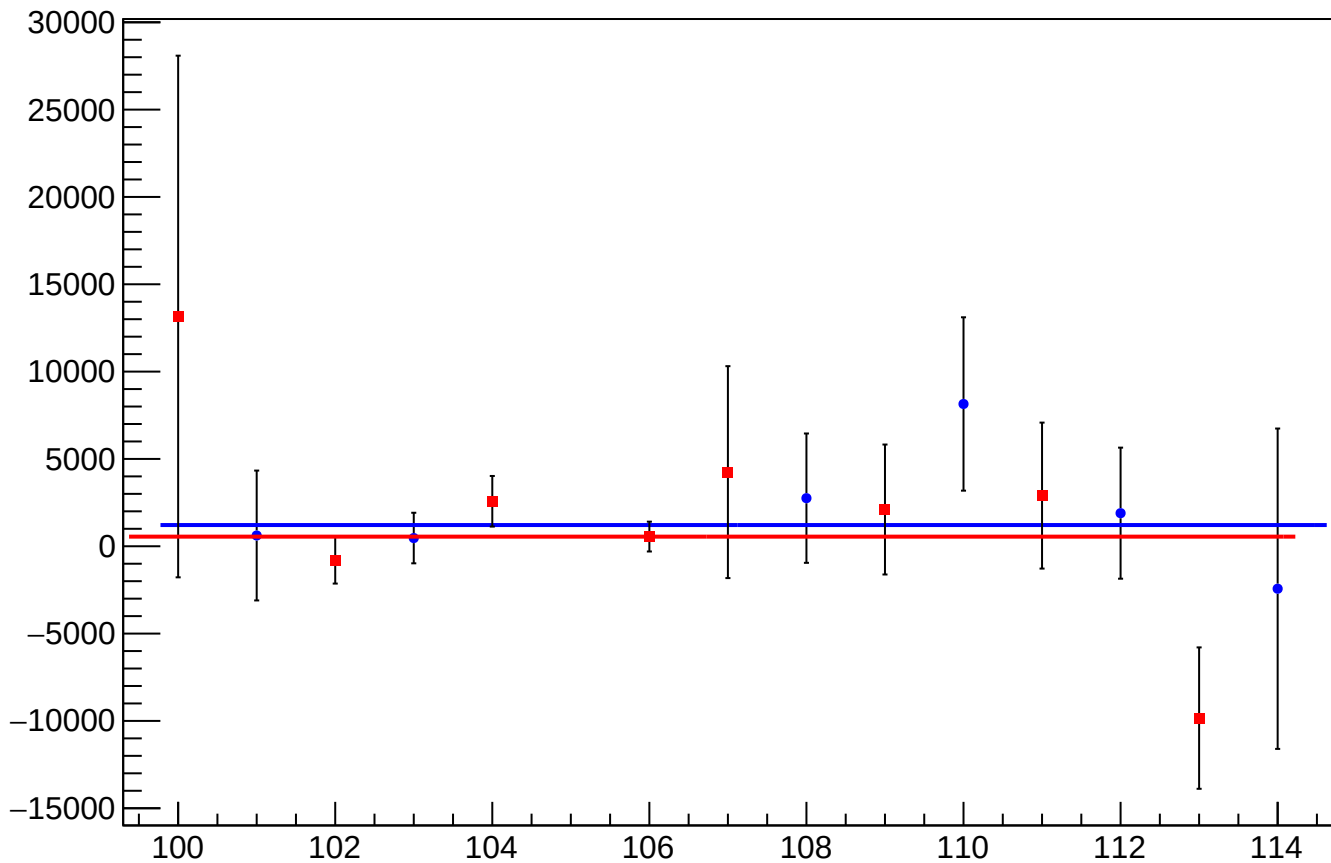
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.110+/-0.409 χ^2/NDF : 670444.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 1214.820+/-1157.761 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.801+/-617.664 χ^2/NDF : 11.1/7

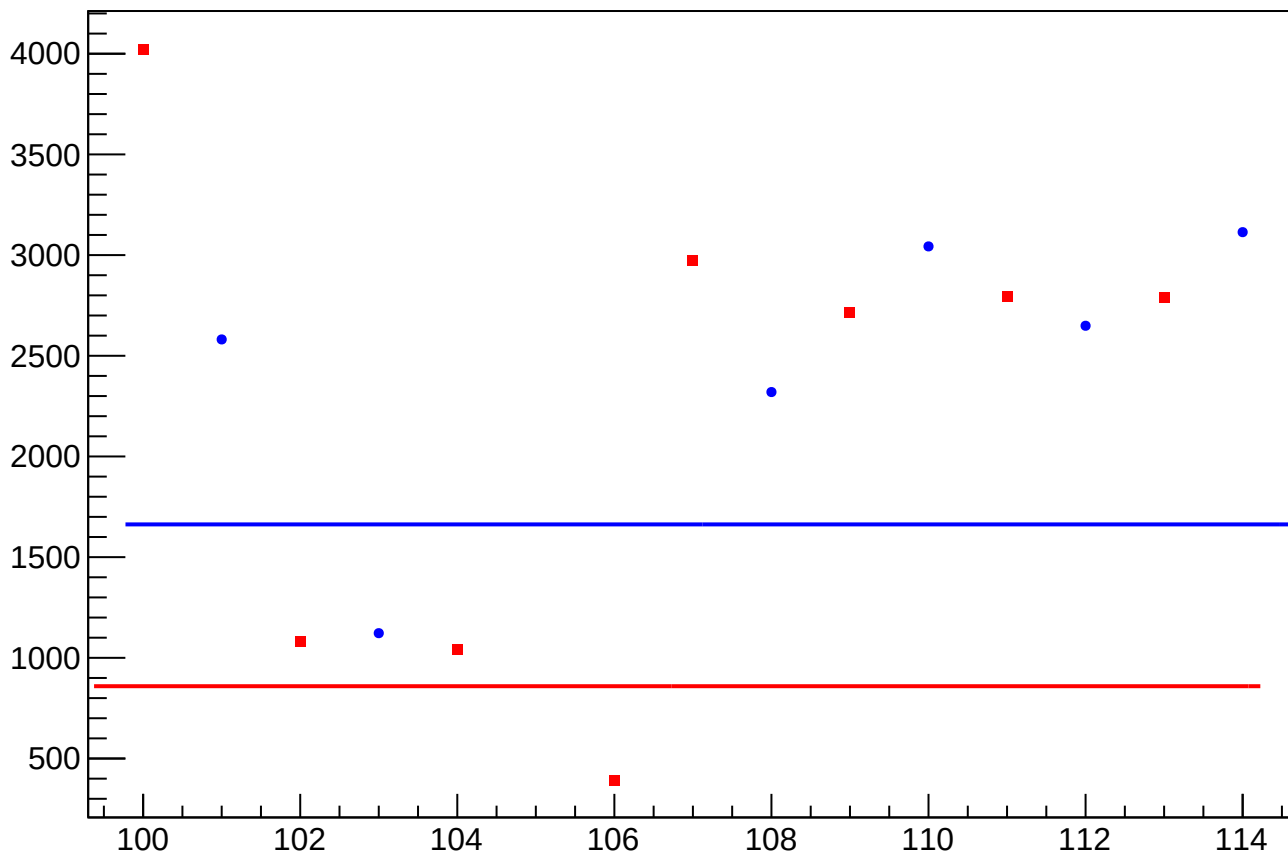
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.921+/-544.960 χ^2/NDF : 14.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 1662.619+/-0.819 χ^2/NDF : 806660.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 859.102+/-0.437 χ^2/NDF : 2403494.6/7

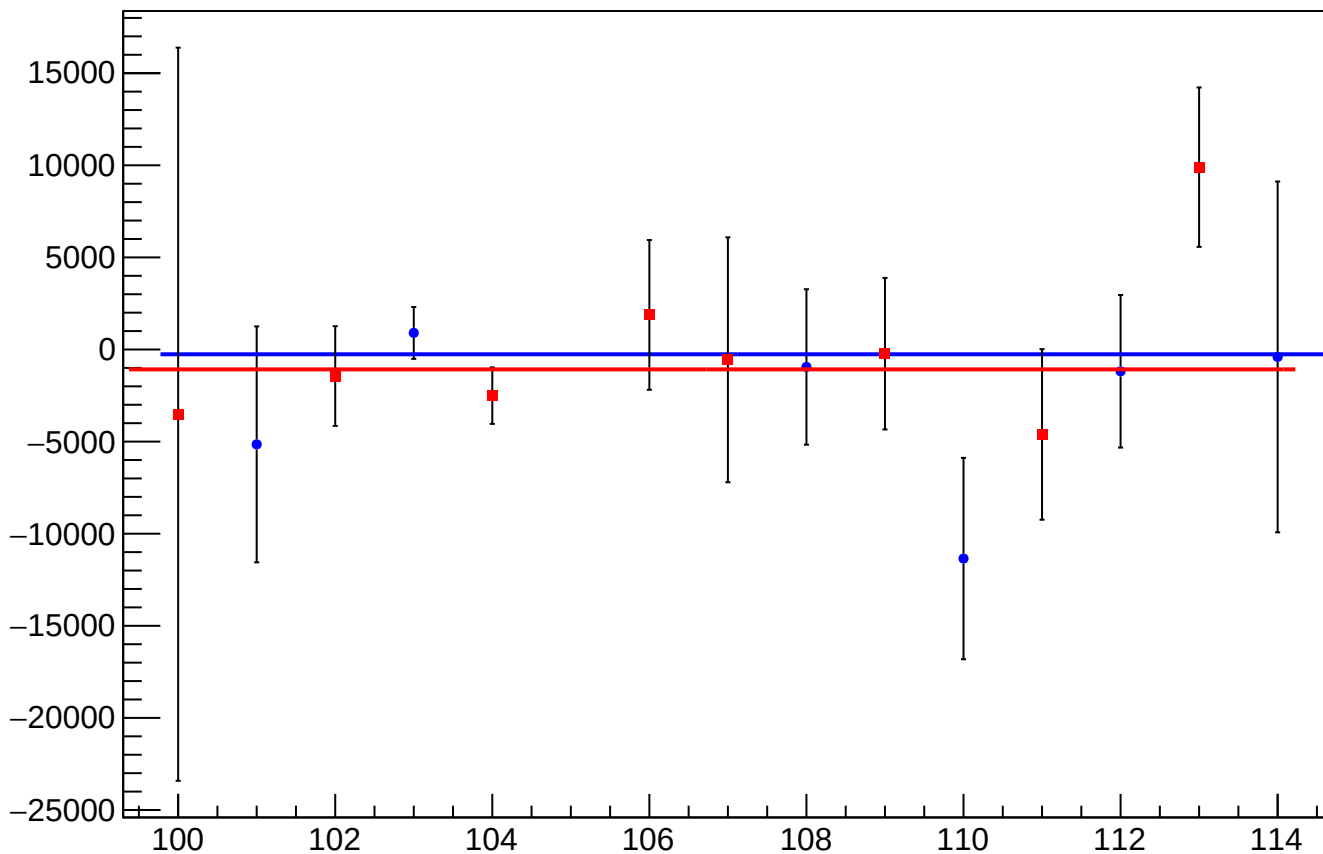
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.129+/-0.385 χ^2/NDF : 3960060.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -259.128+/-1206.200 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1078.205+/-1113.492 χ^2/NDF : 8.5/7

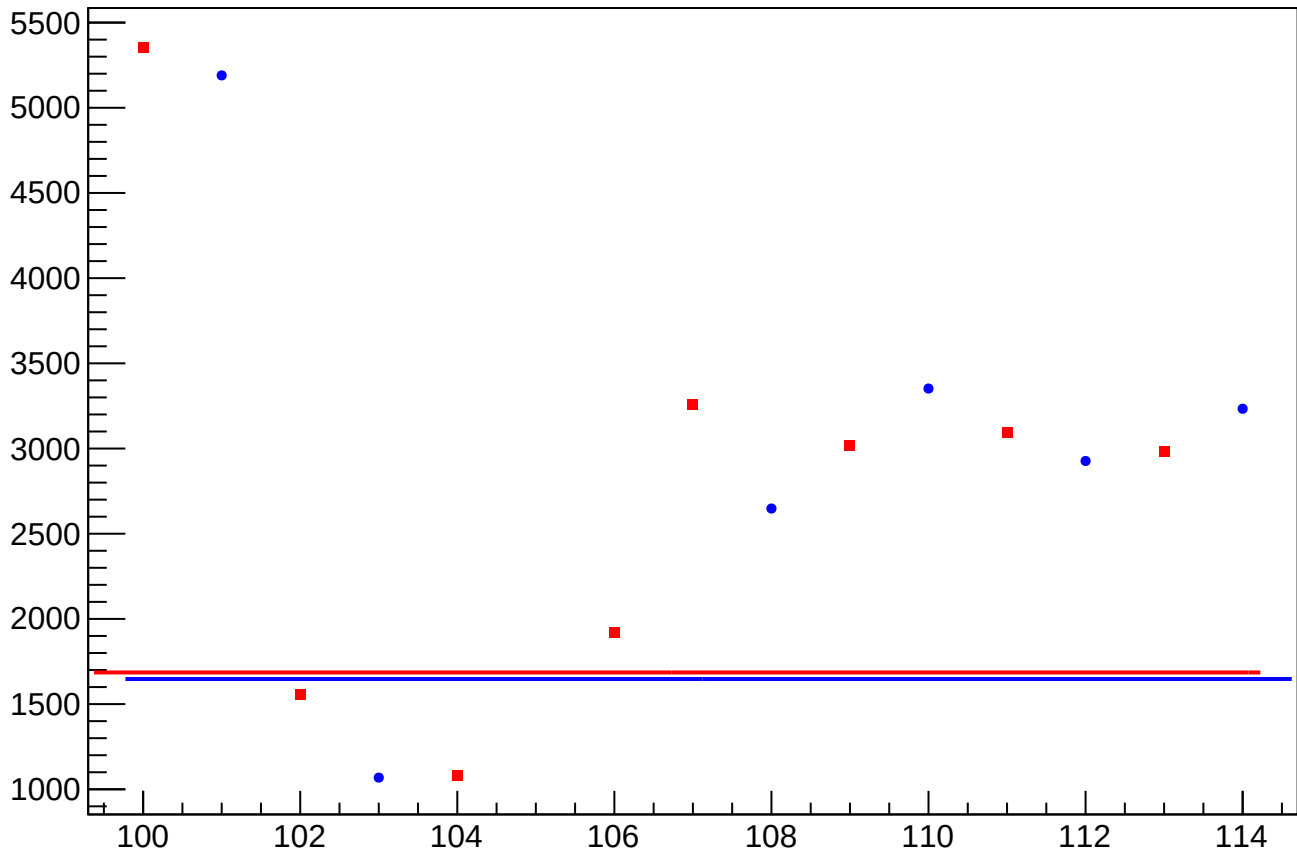
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -701.349+/-818.172 χ^2/NDF : 14.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1647.272+/-0.853 χ^2/NDF : 1503077.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

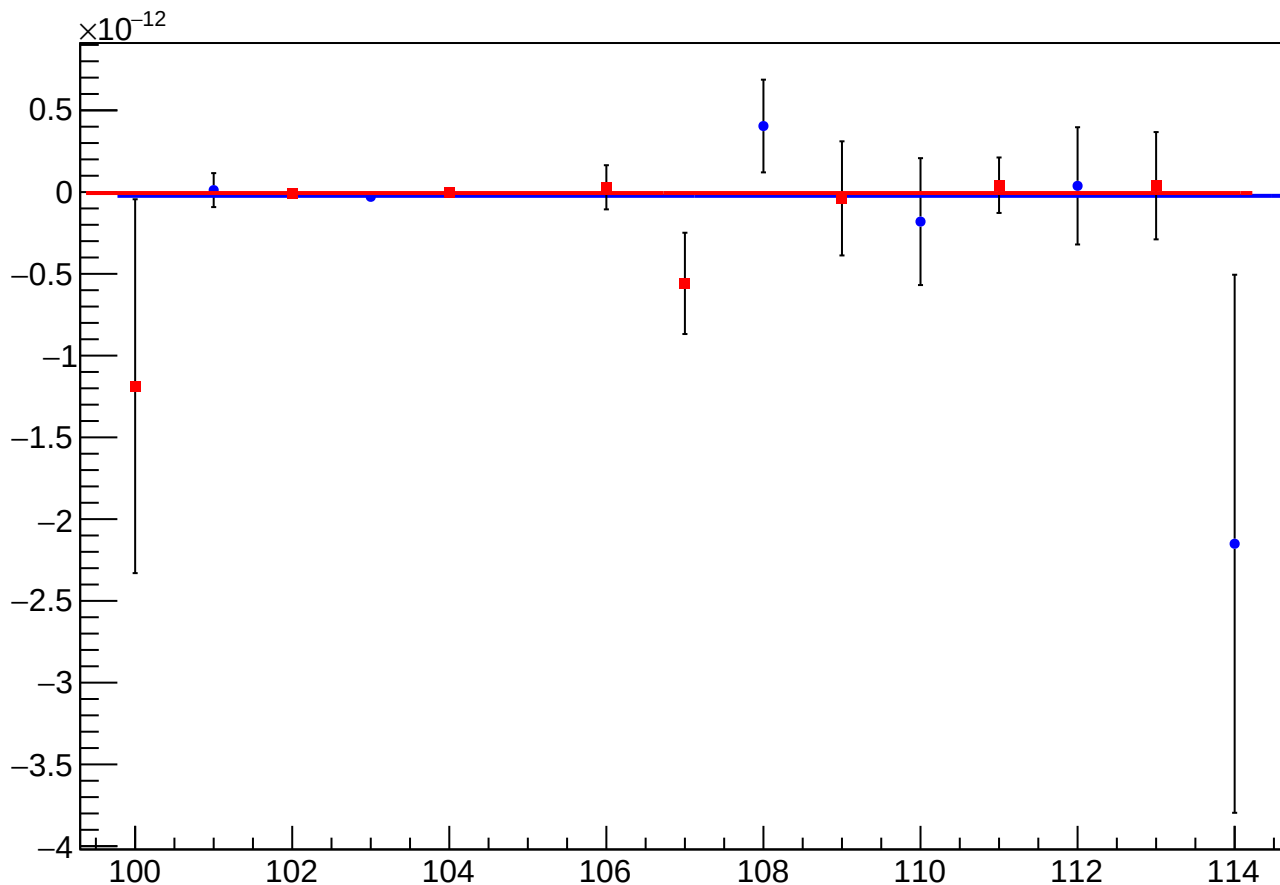
Right Out: 1685.703+/-0.784 χ^2/NDF : 1076482.1/7

All: 1668.091+/-0.577 χ^2/NDF : 2580659.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.4/7

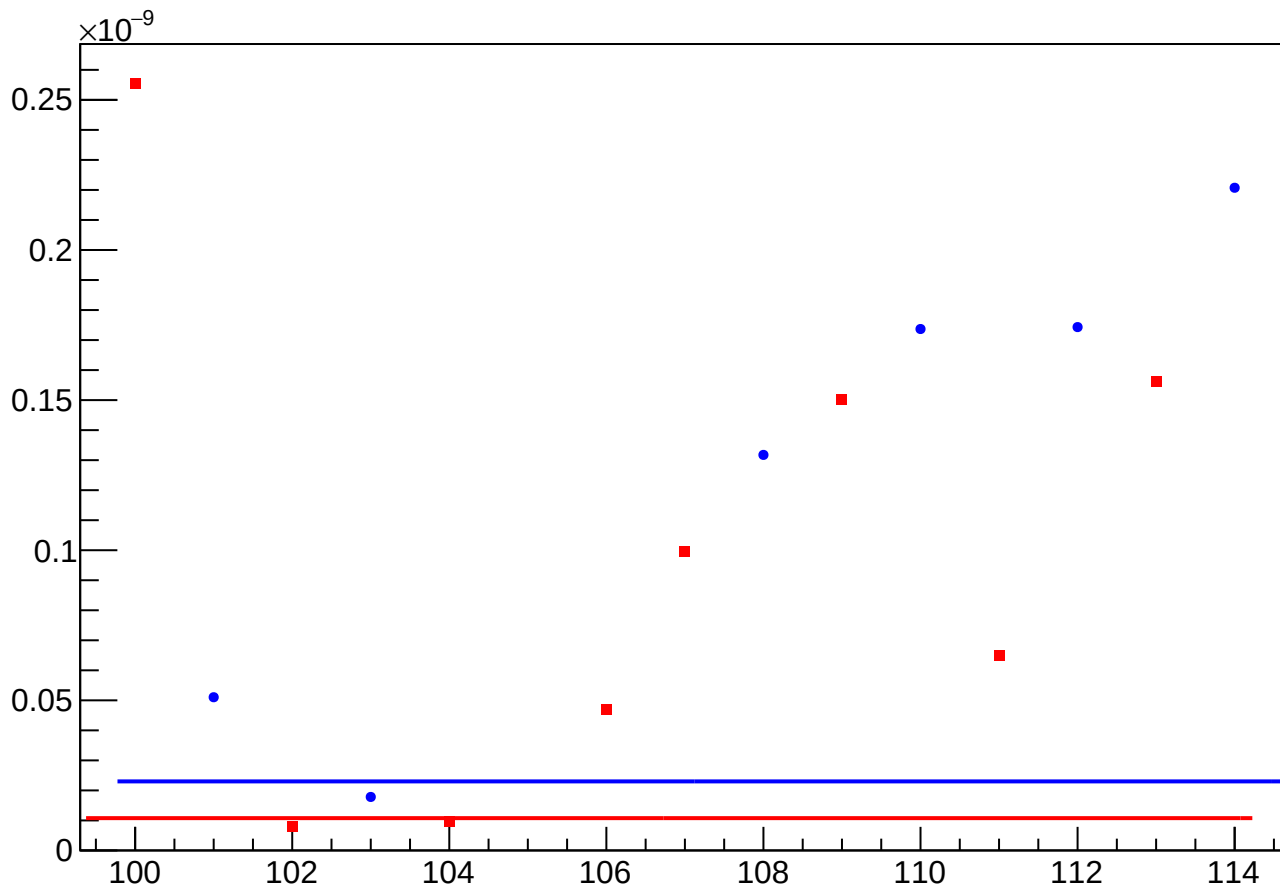
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1190852.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1345706.4/7

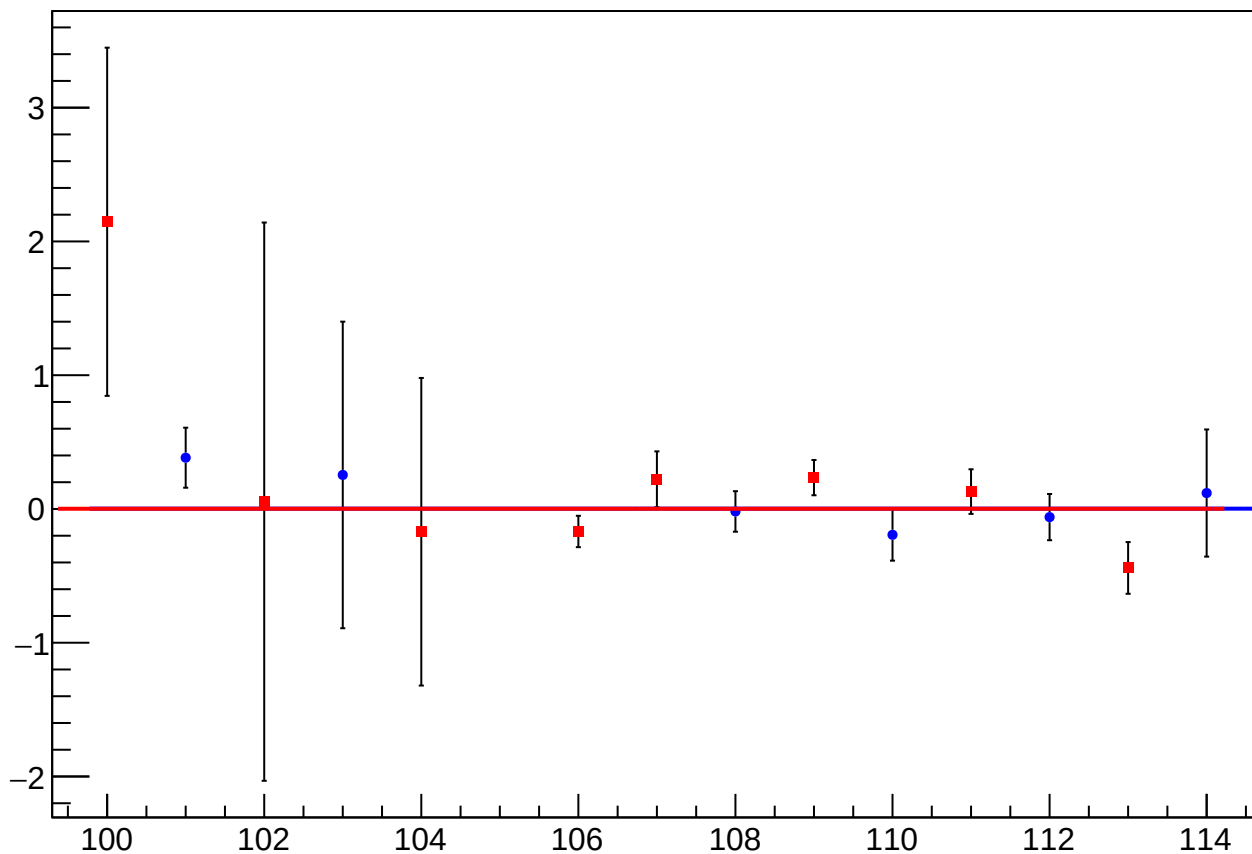
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2839751.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.088 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.068 χ^2 /NDF: 14.9/7

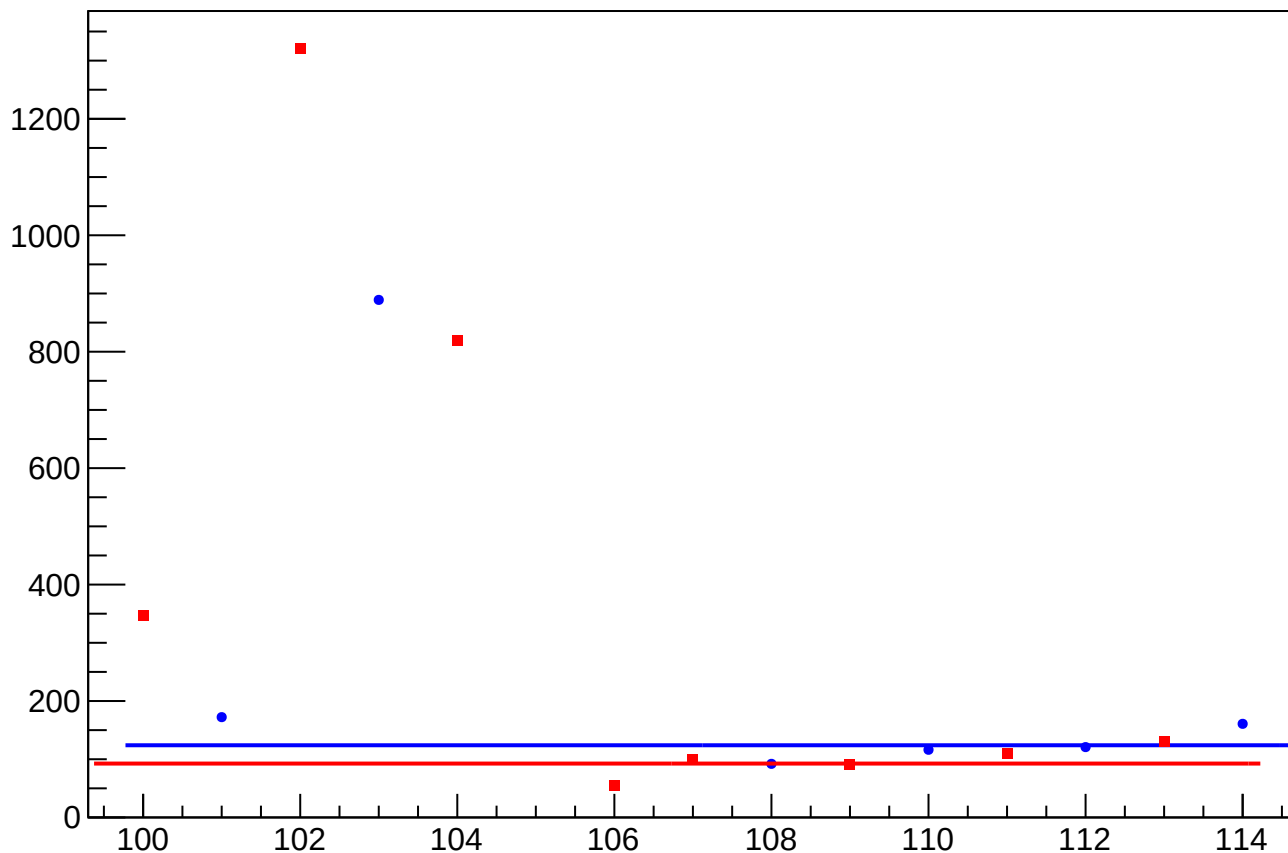
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.054 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 124.012 $\pm$ 0.062 χ^2 /NDF: 1088678.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.564 $\pm$ 0.048 χ^2 /NDF: 1874251.1/7

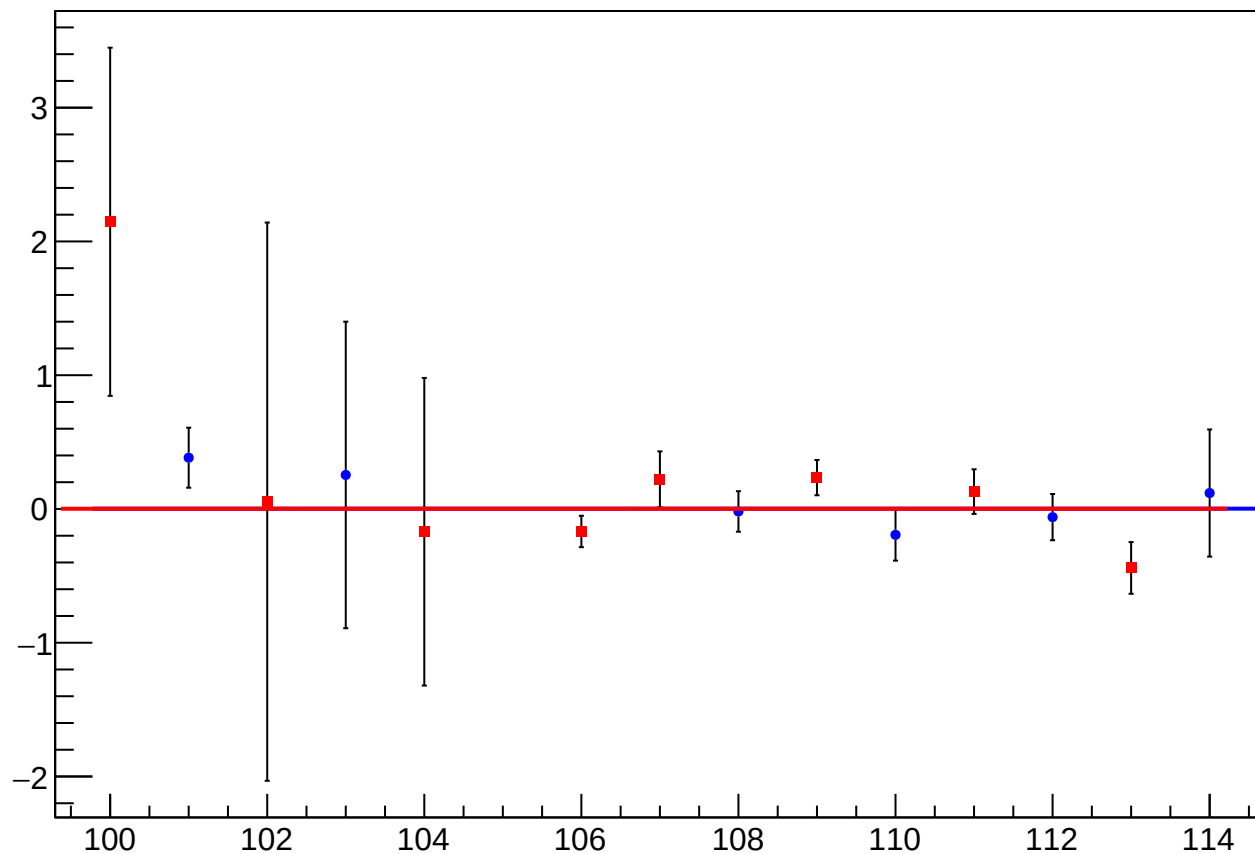
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.270 $\pm$ 0.038 χ^2 /NDF: 3122984.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.088 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.068 χ^2 /NDF: 14.9/7

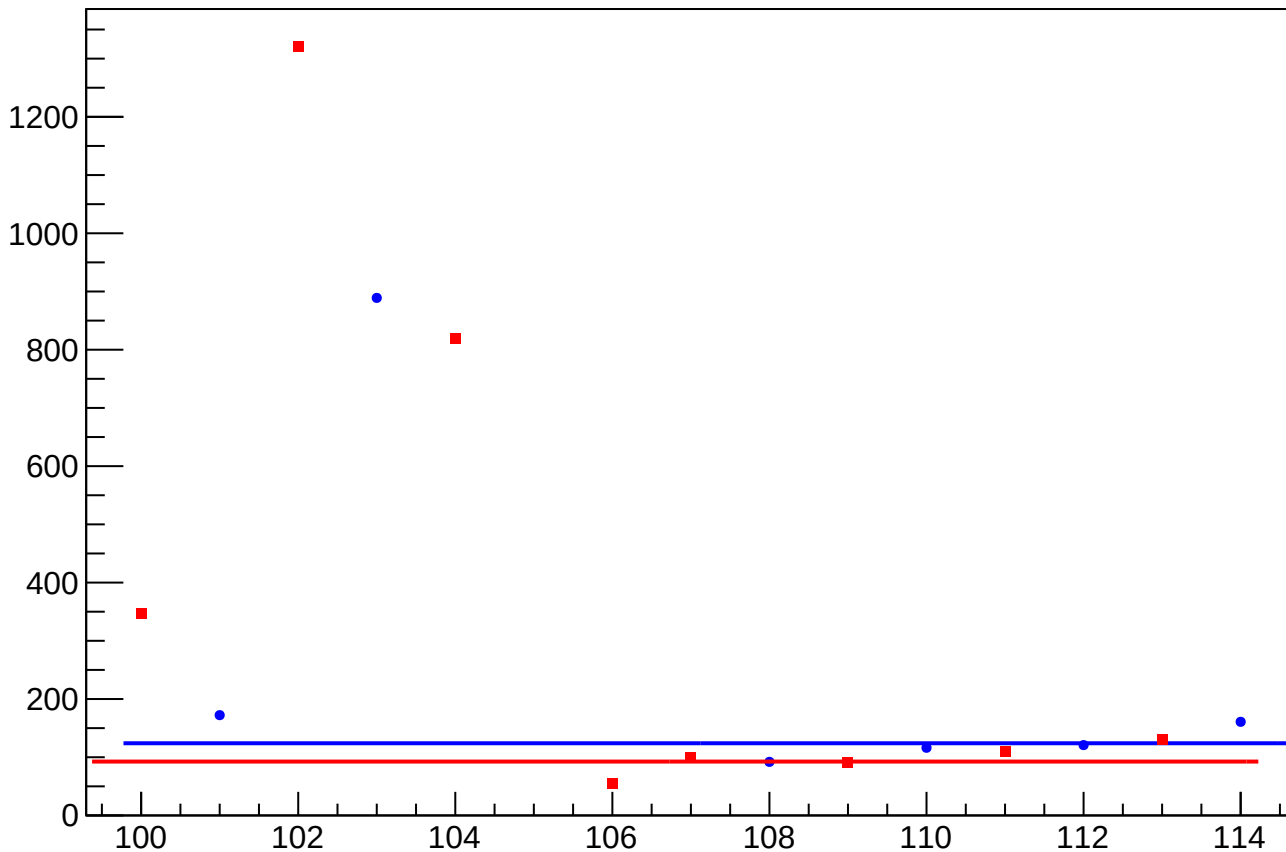
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.054 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 124.012 $\pm$ 0.062 χ^2 /NDF: 1088678.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.564 $\pm$ 0.048 χ^2 /NDF: 1874251.1/7

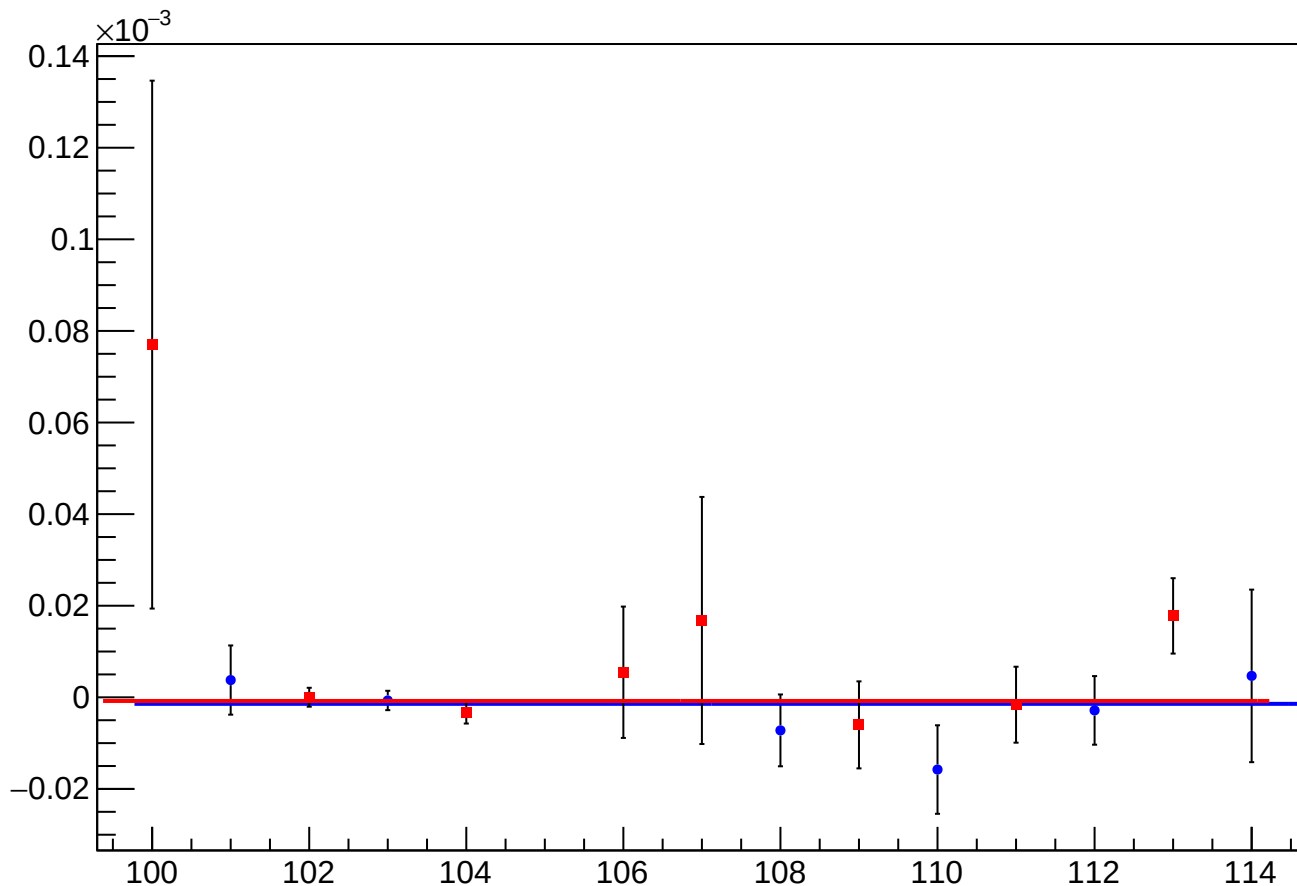
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.270 $\pm$ 0.038 χ^2 /NDF: 3122984.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/7

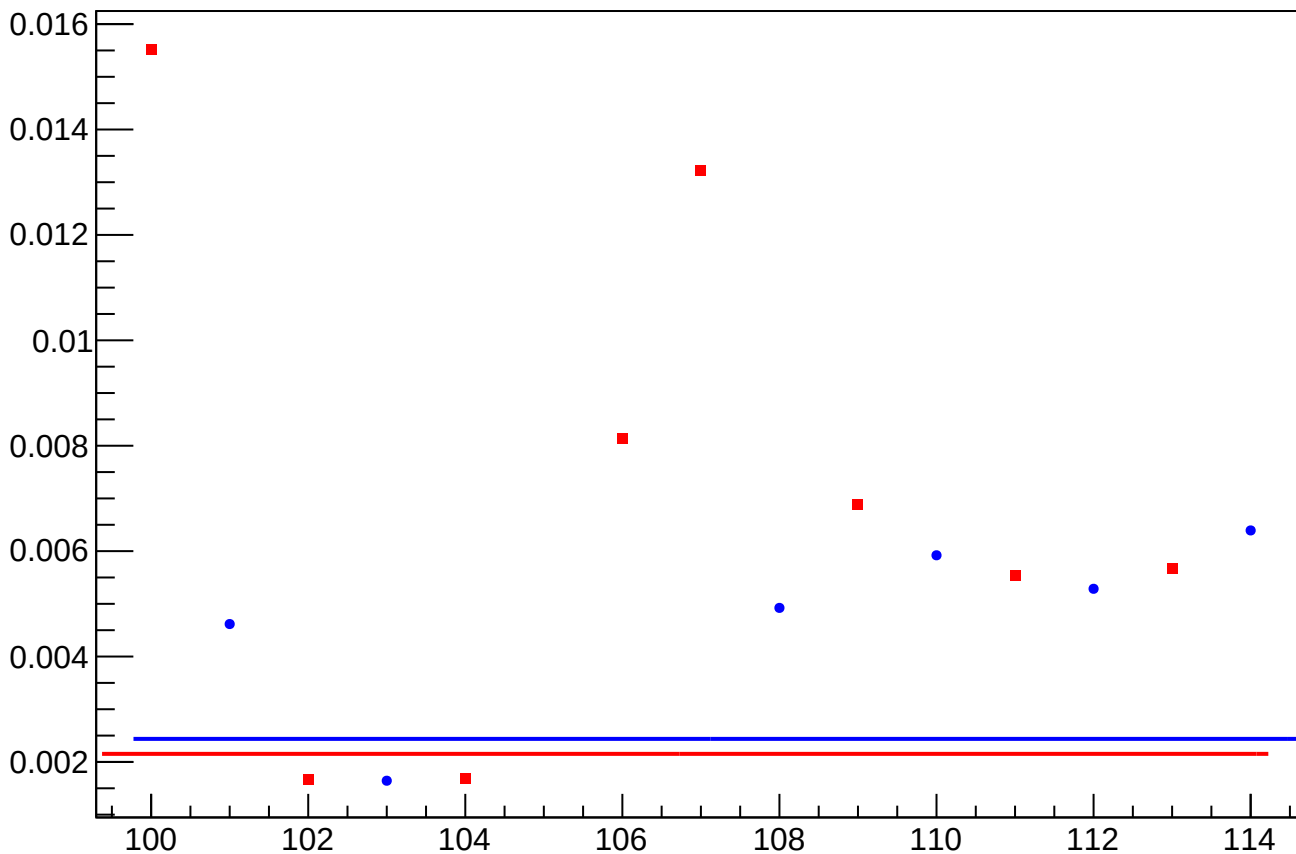
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1286610.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2181370.3/7

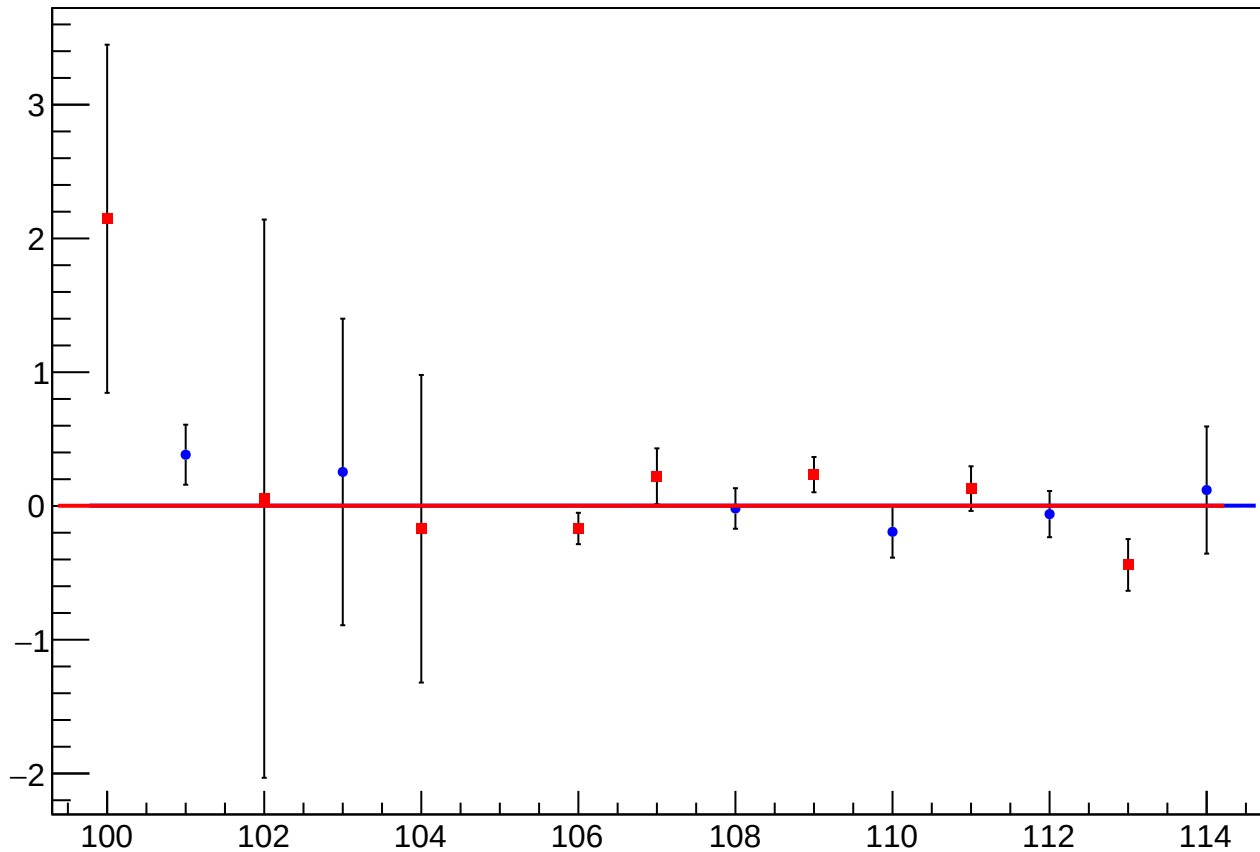
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3496787.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.088 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.068 χ^2 /NDF: 14.9/7

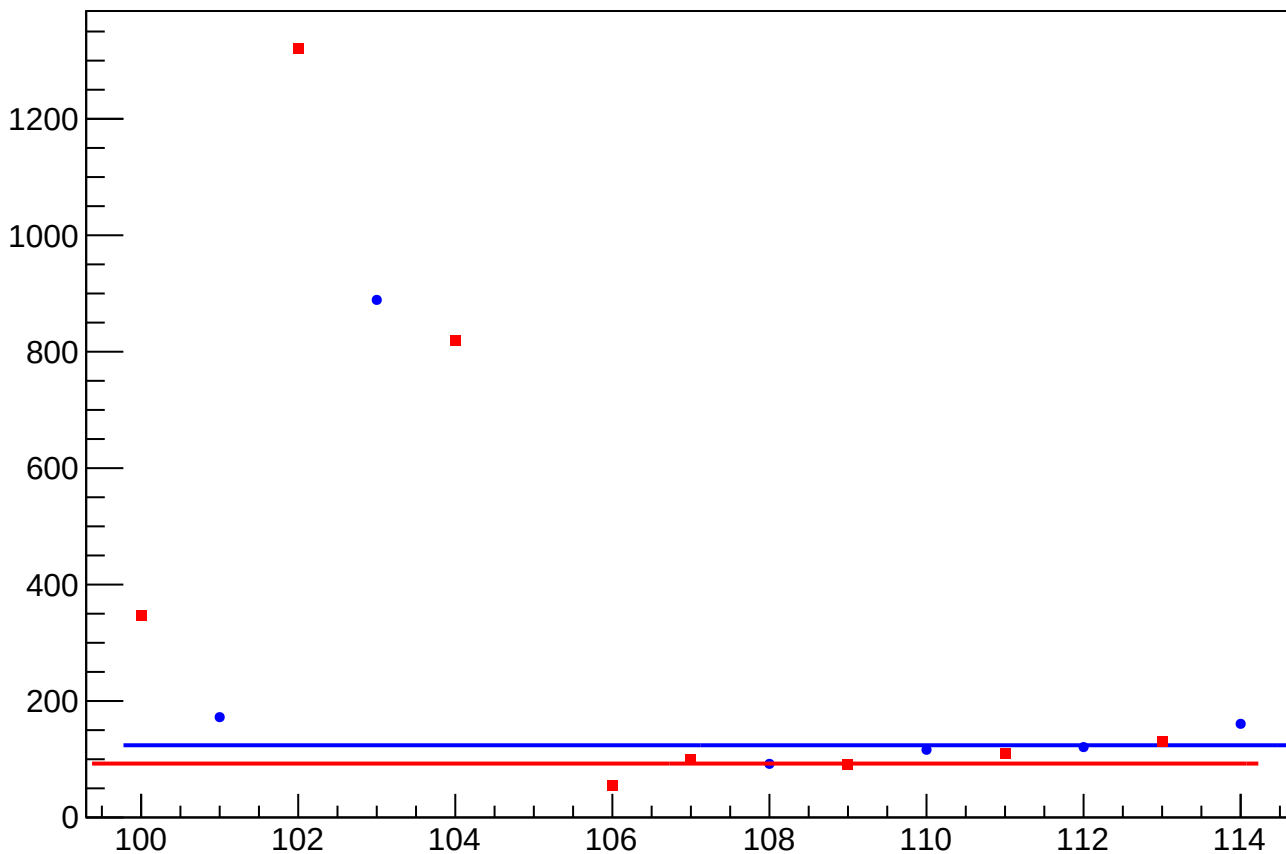
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.054 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 124.013+/-0.062 χ^2/NDF : 1088655.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.561+/-0.048 χ^2/NDF : 1874318.5/7

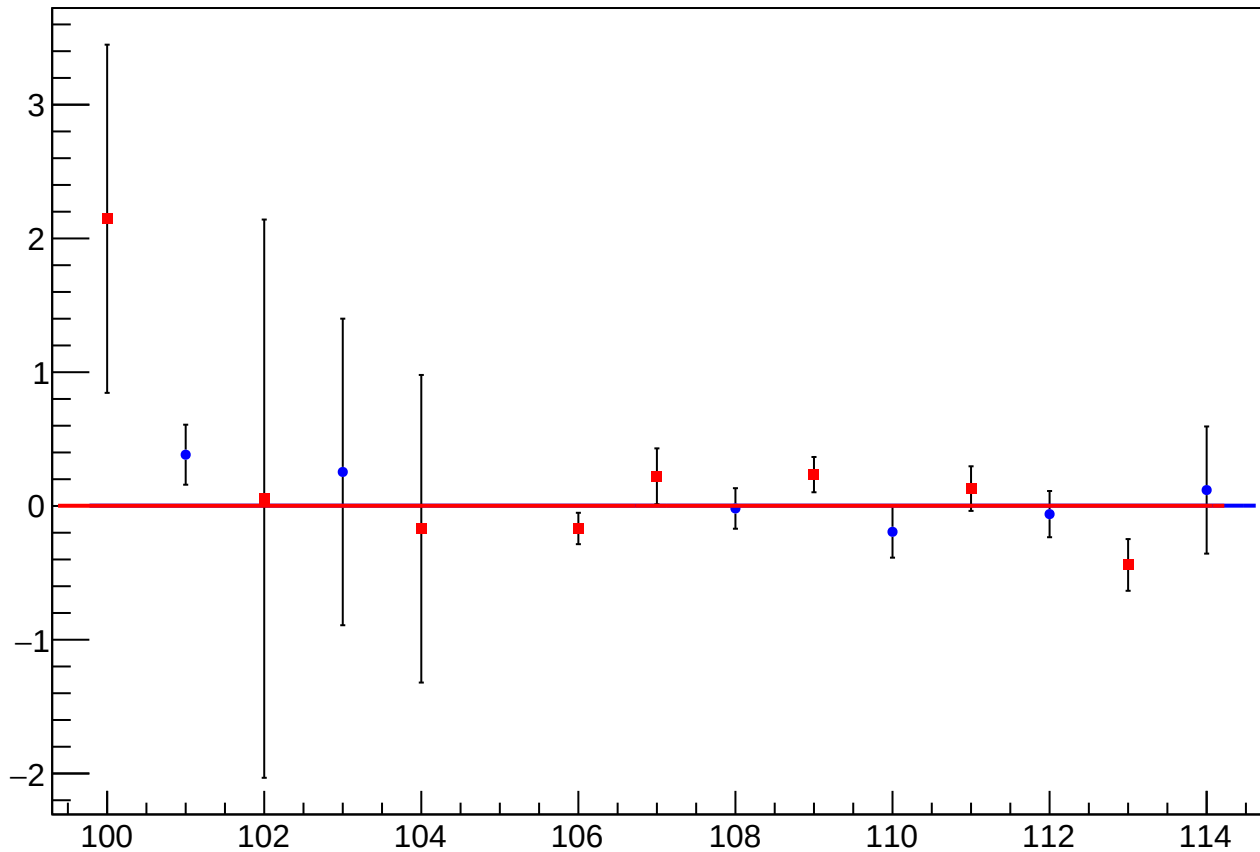
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.269+/-0.038 χ^2/NDF : 3123073.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.088 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.068 χ^2 /NDF: 14.9/7

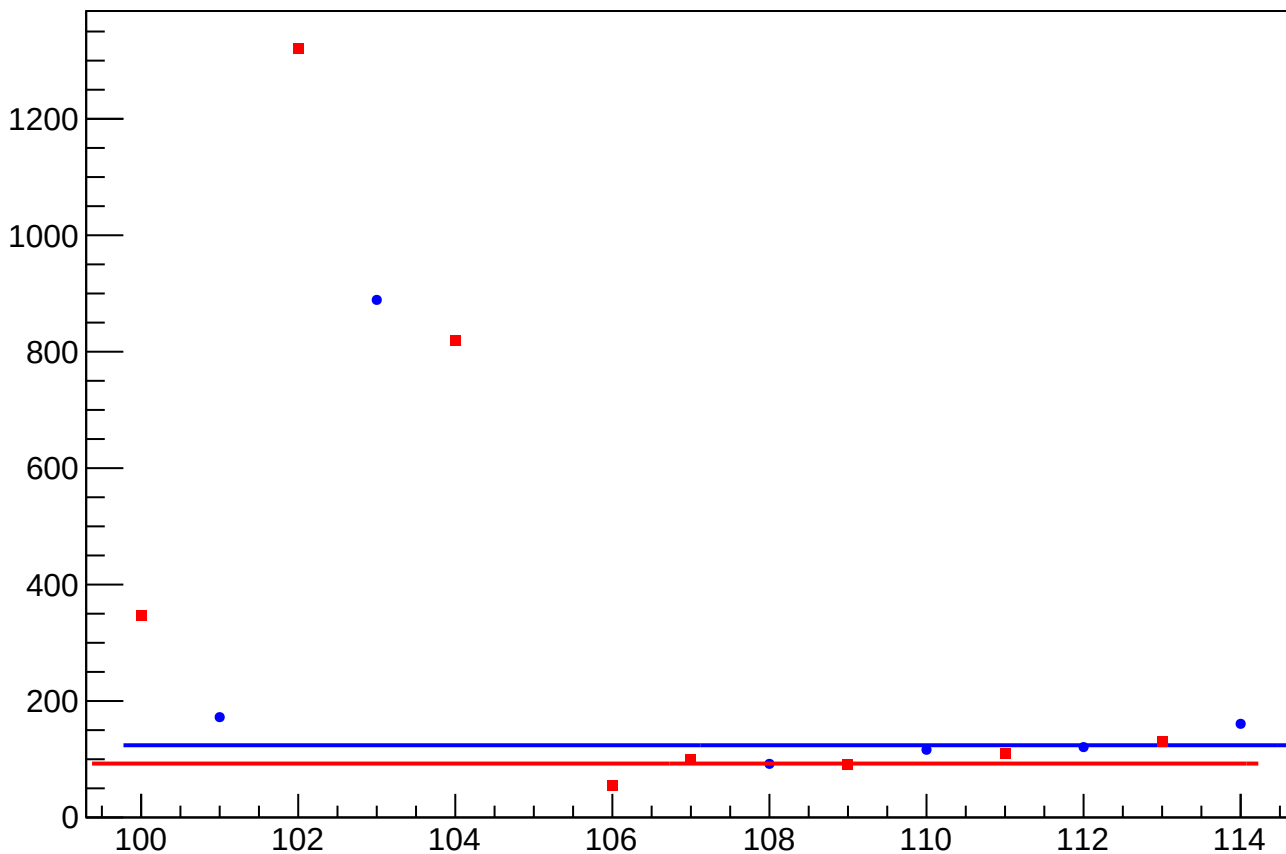
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.054 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 124.013 $\pm$ 0.062 χ^2 /NDF: 1088655.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.561 $\pm$ 0.048 χ^2 /NDF: 1874318.5/7

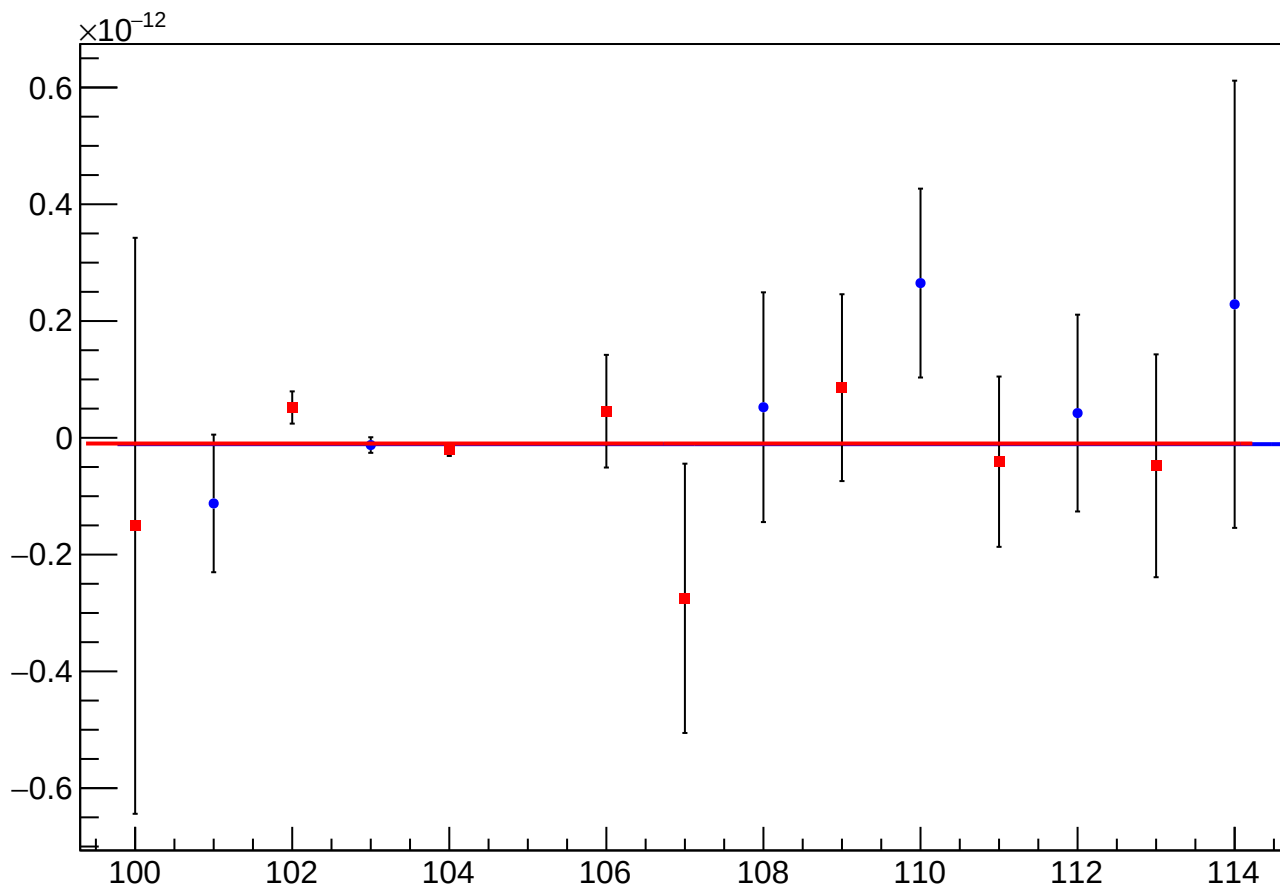
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.269 $\pm$ 0.038 χ^2 /NDF: 3123073.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.0/7

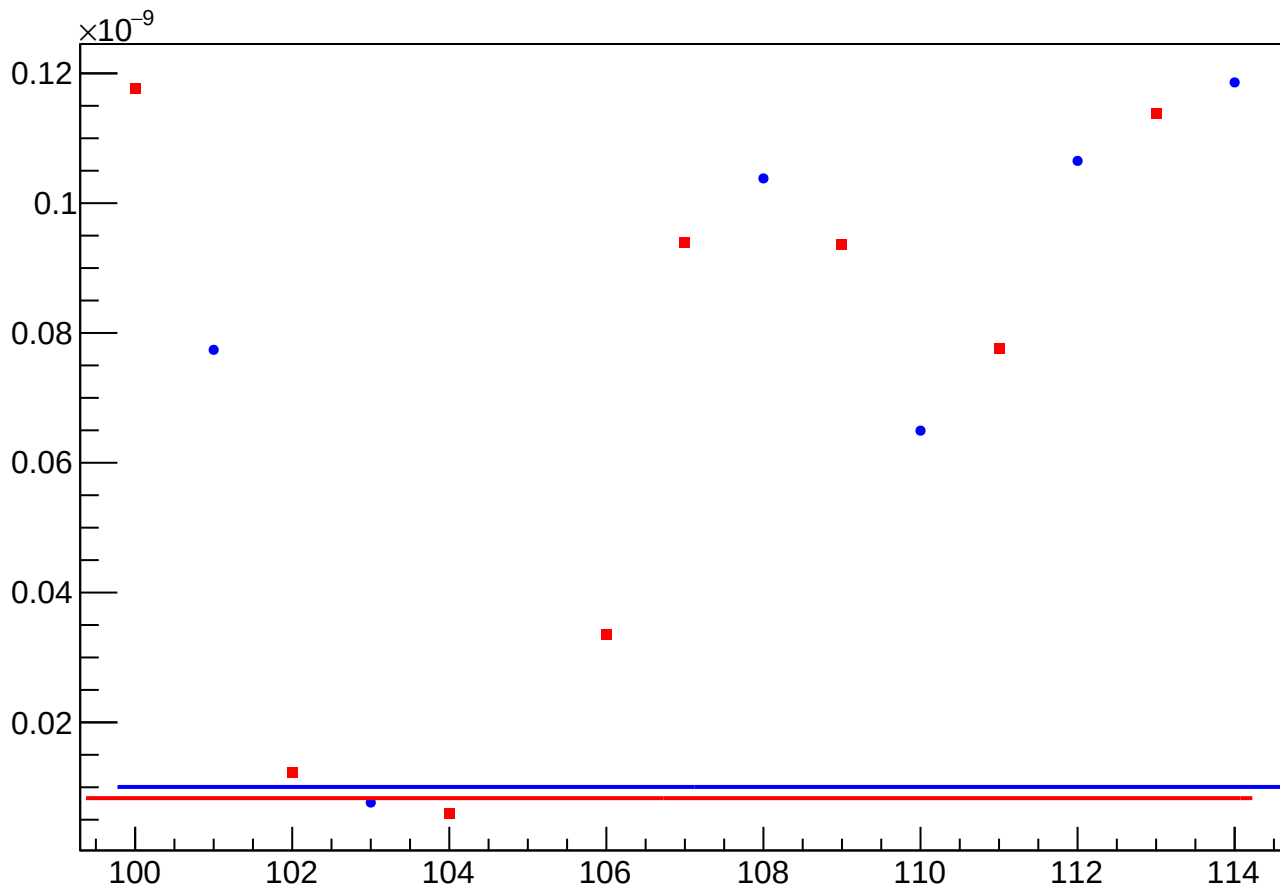
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2219167.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2277775.9/7

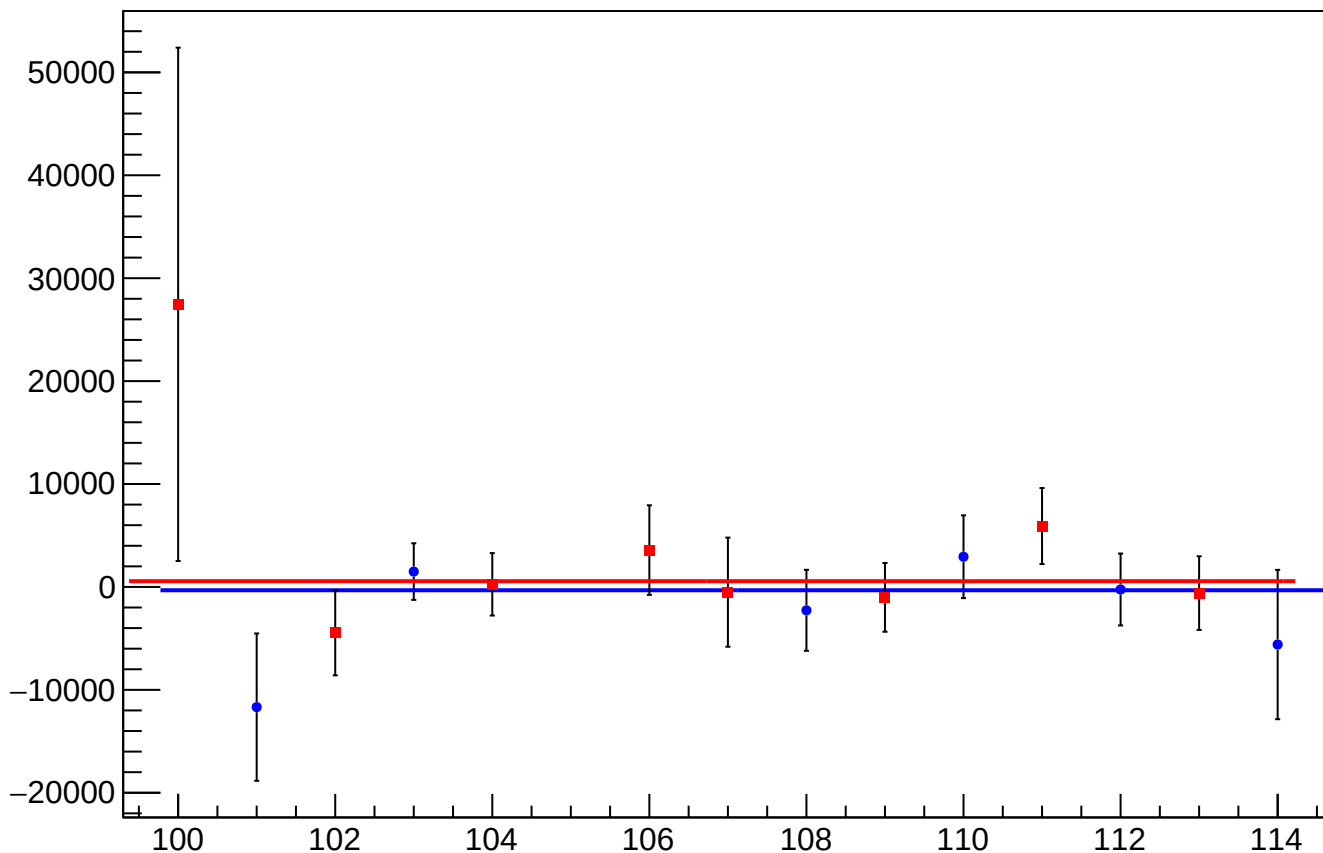
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4518512.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -322.700+/-1623.650 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.414+/-1416.723 χ^2/NDF : 5.6/7

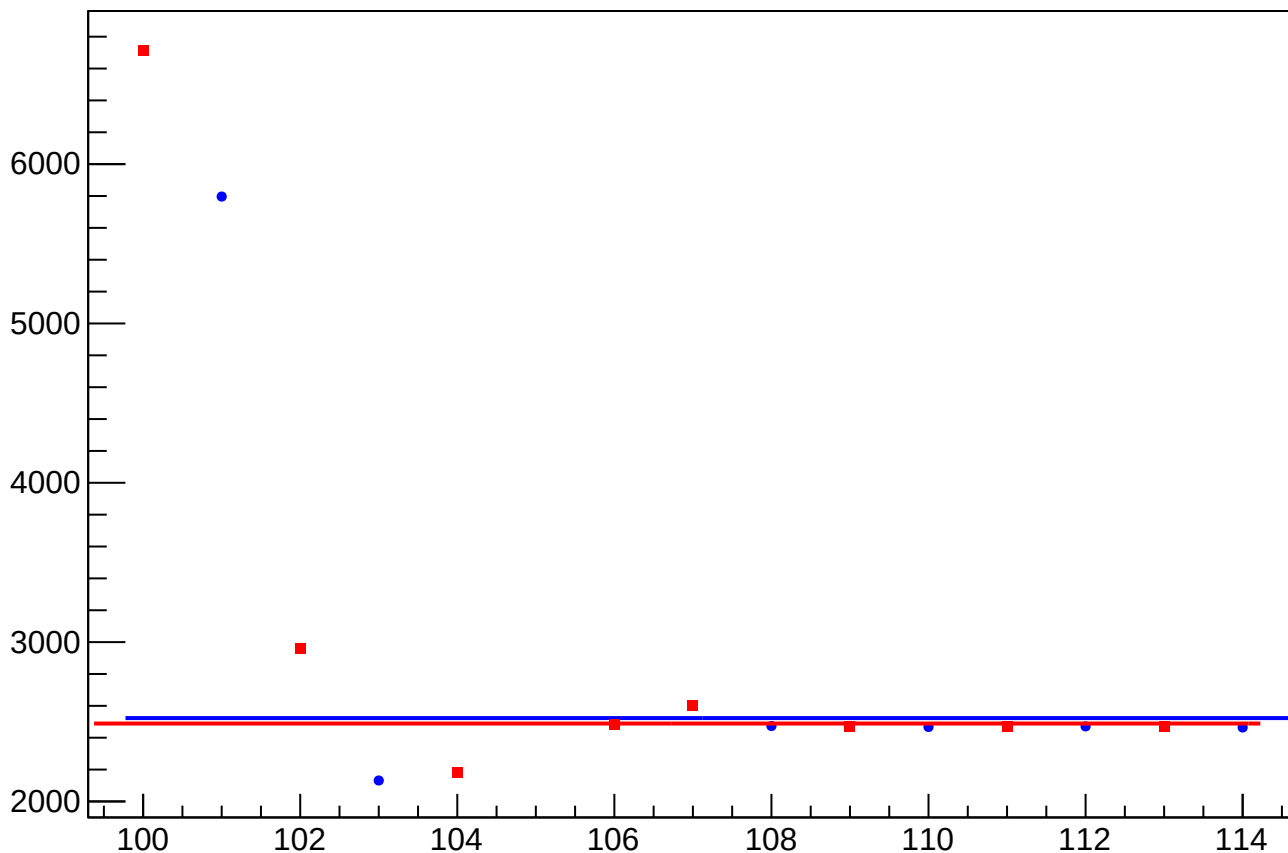
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.116+/-1067.486 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2523.147 $\pm$ 1.148 χ^2 /NDF: 460178.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2489.016 $\pm$ 1.002 χ^2 /NDF: 104713.0/7

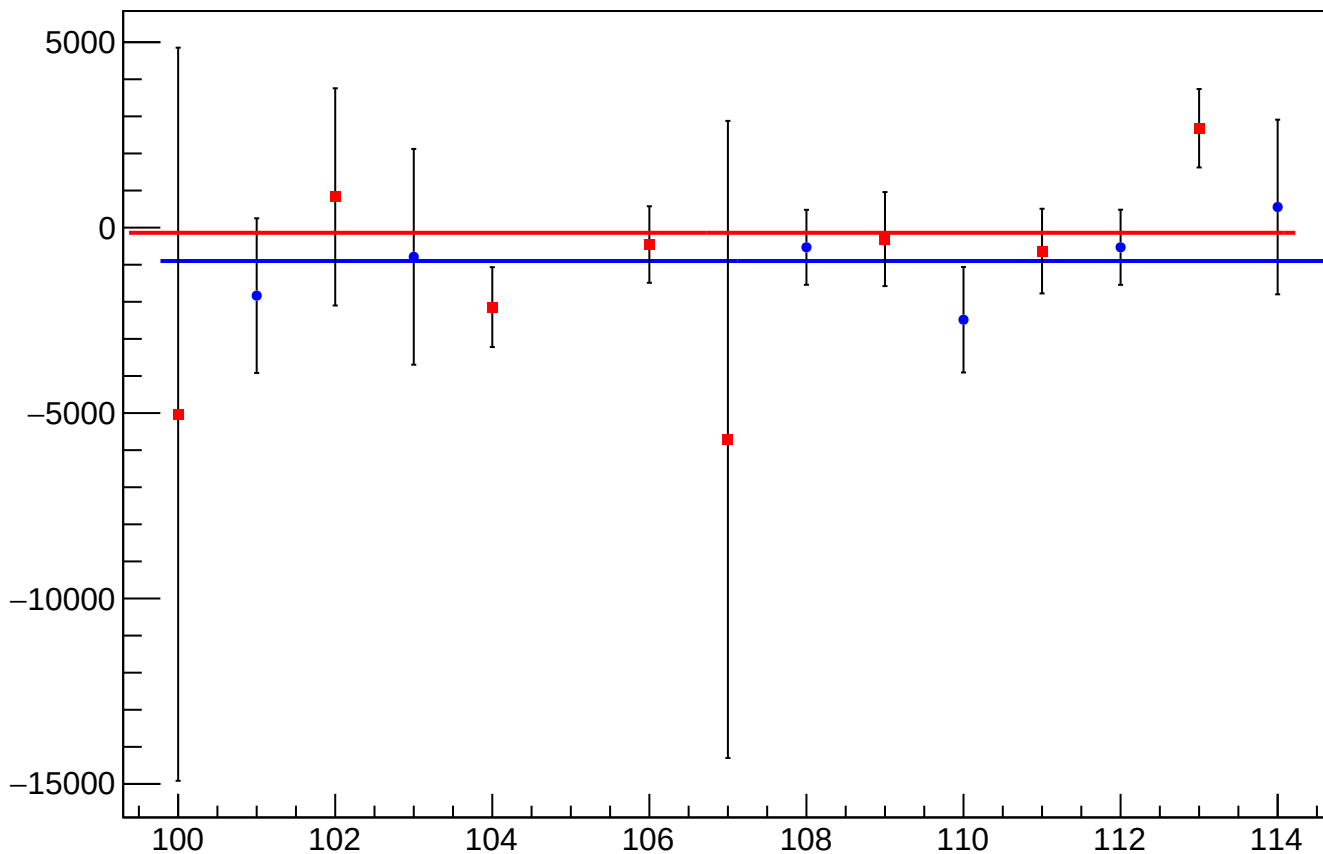
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2503.769 $\pm$ 0.755 χ^2 /NDF: 565393.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



Right In: -899.927+/-579.708 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.097+/-486.458 χ^2/NDF : 11.6/7

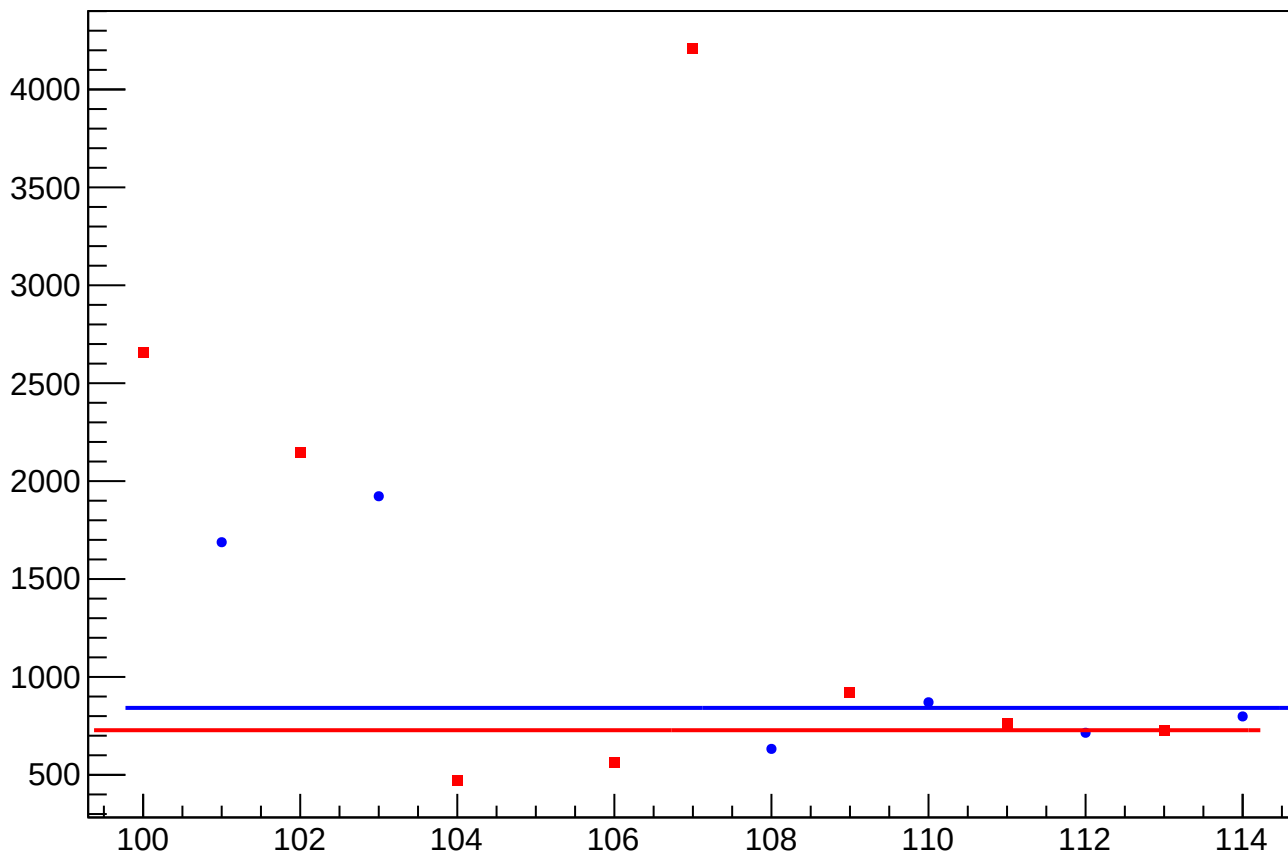
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.473+/-372.640 χ^2/NDF : 14.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



Right In: 841.959+/-0.410 χ^2/NDF : 723788.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.983+/-0.344 χ^2/NDF : 1088536.0/7

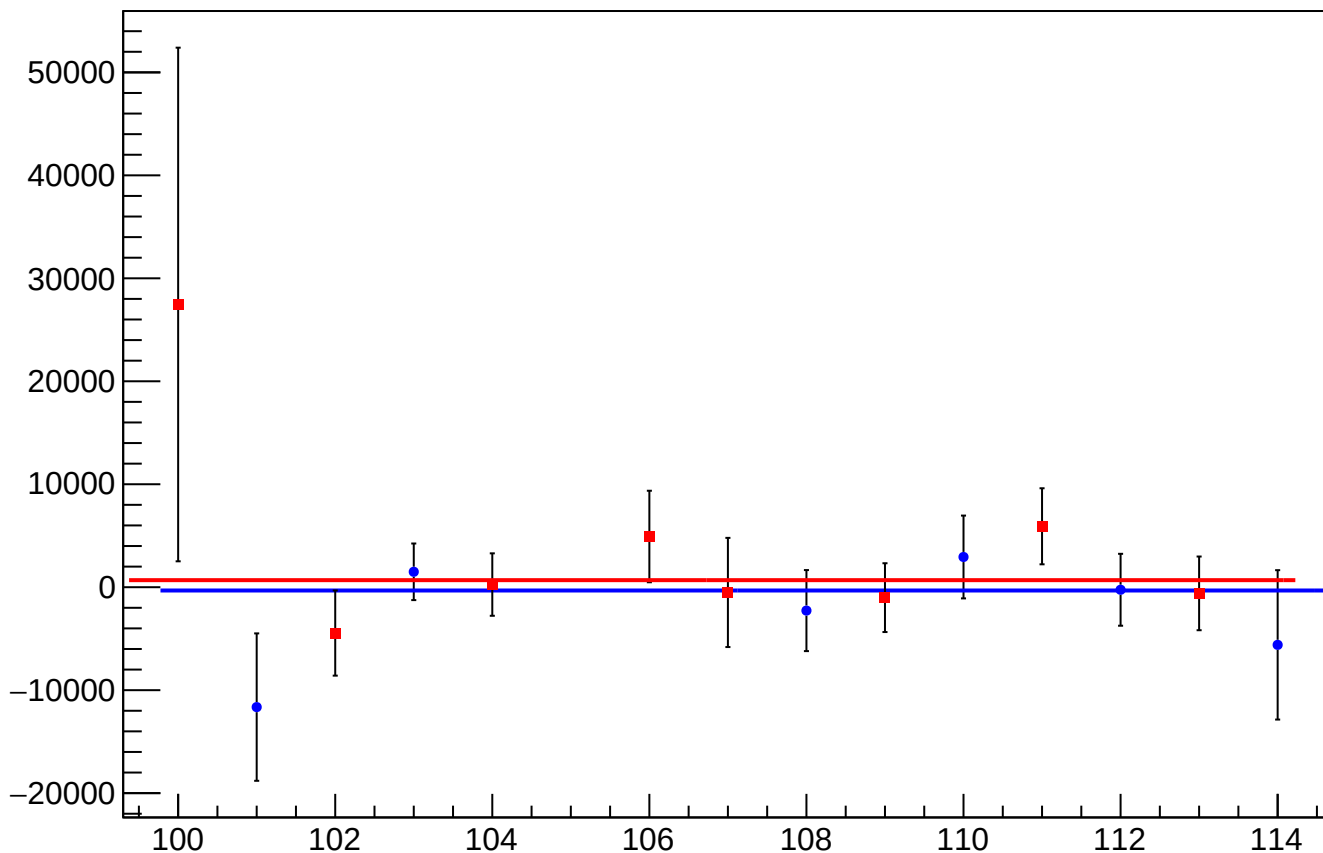
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.078+/-0.263 χ^2/NDF : 1857690.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -319.518+/-1623.651 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.650+/-1419.850 χ^2/NDF : 6.1/7

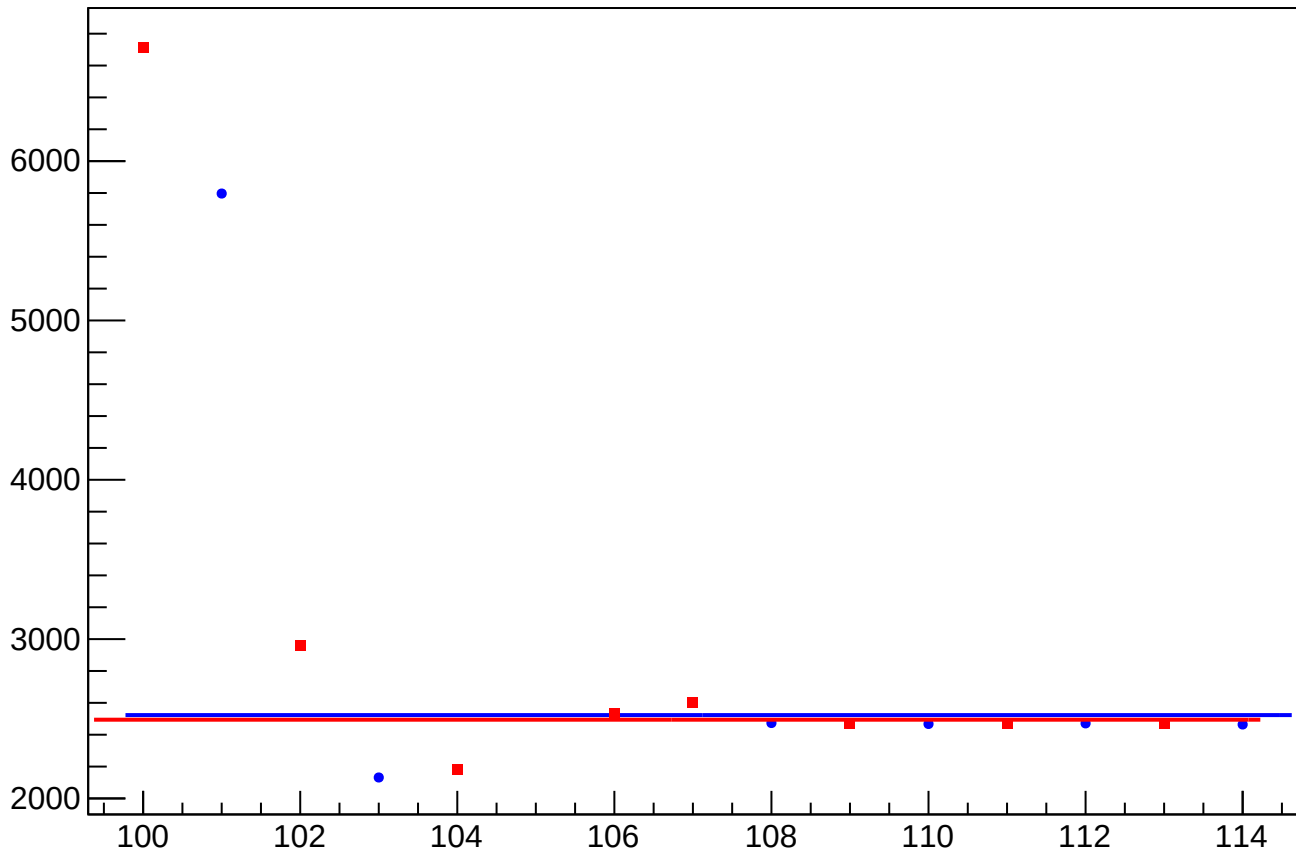
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.508+/-1068.822 χ^2/NDF : 10.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2523.147 $\pm$ 1.148 χ^2 /NDF: 460178.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2494.216 $\pm$ 1.004 χ^2 /NDF: 104893.0/7

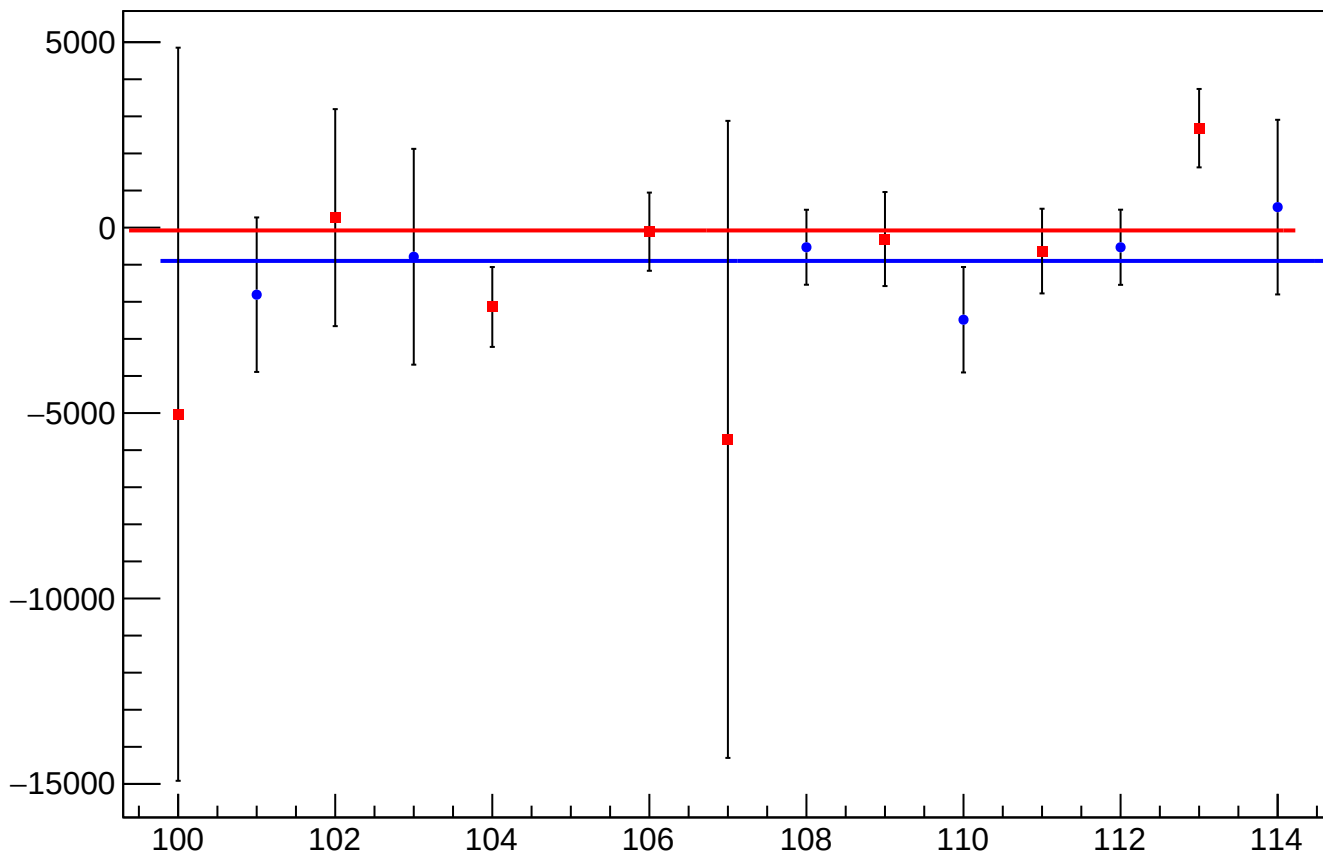
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2506.753 $\pm$ 0.756 χ^2 /NDF: 565431.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug



Right In: -897.912 $\pm$ 579.659 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.242 $\pm$ 488.709 χ^2 /NDF: 11.4/7

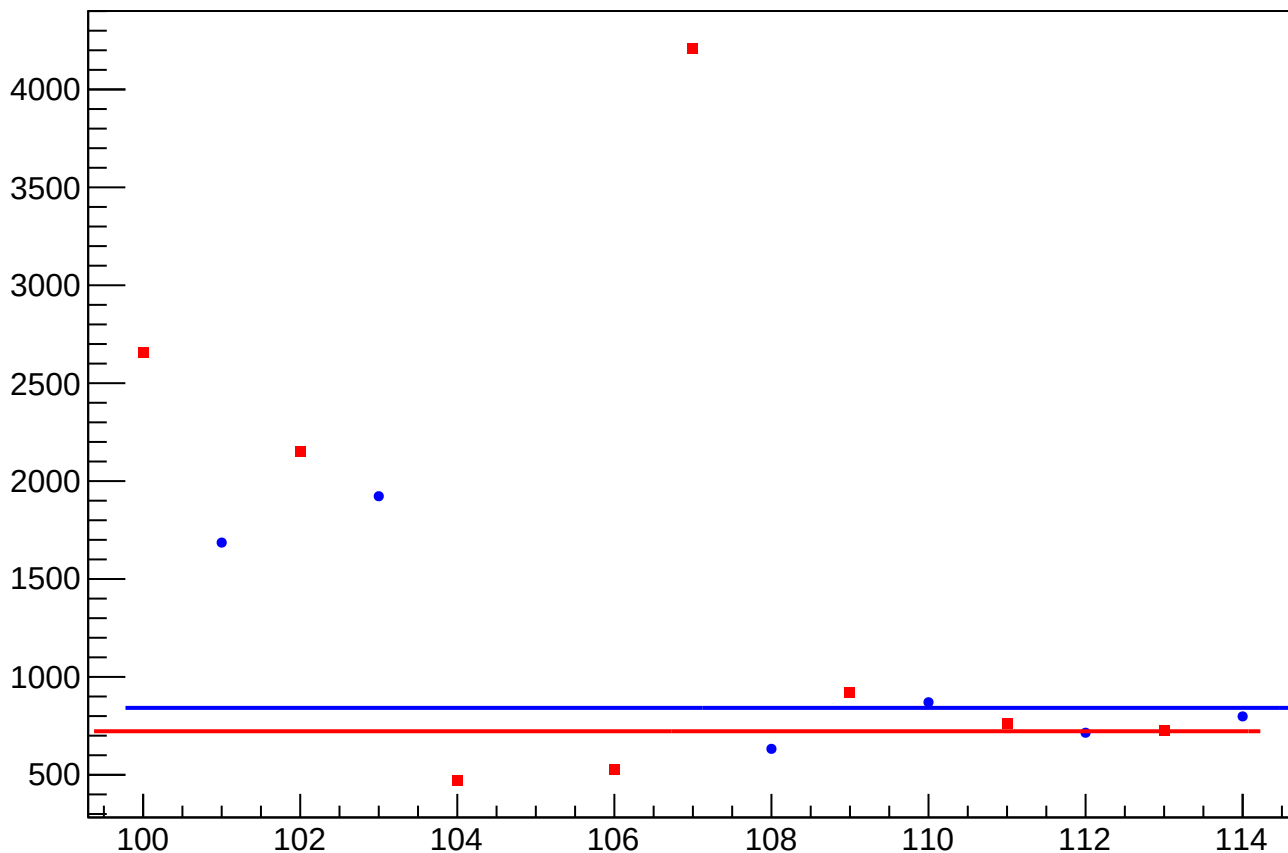
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -417.632 $\pm$ 373.636 χ^2 /NDF: 14.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



Right In: 841.967 $\pm$ 0.410 χ^2 /NDF: 722971.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 722.536 $\pm$ 0.346 χ^2 /NDF: 1111151.4/7

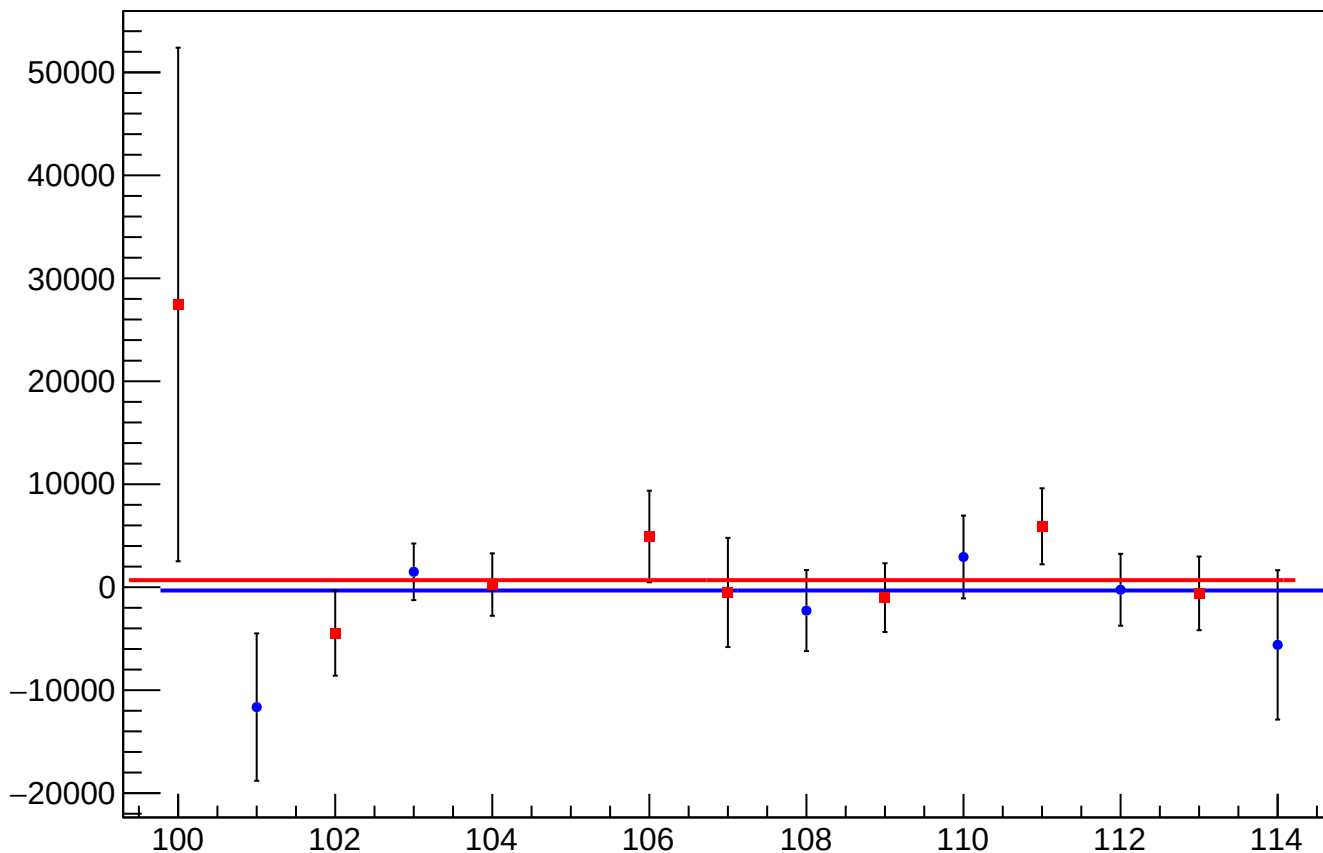
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 772.158 $\pm$ 0.264 χ^2 /NDF: 1883750.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -319.518 $\pm$ 1623.651 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 684.650 $\pm$ 1419.850 χ^2 /NDF: 6.1/7

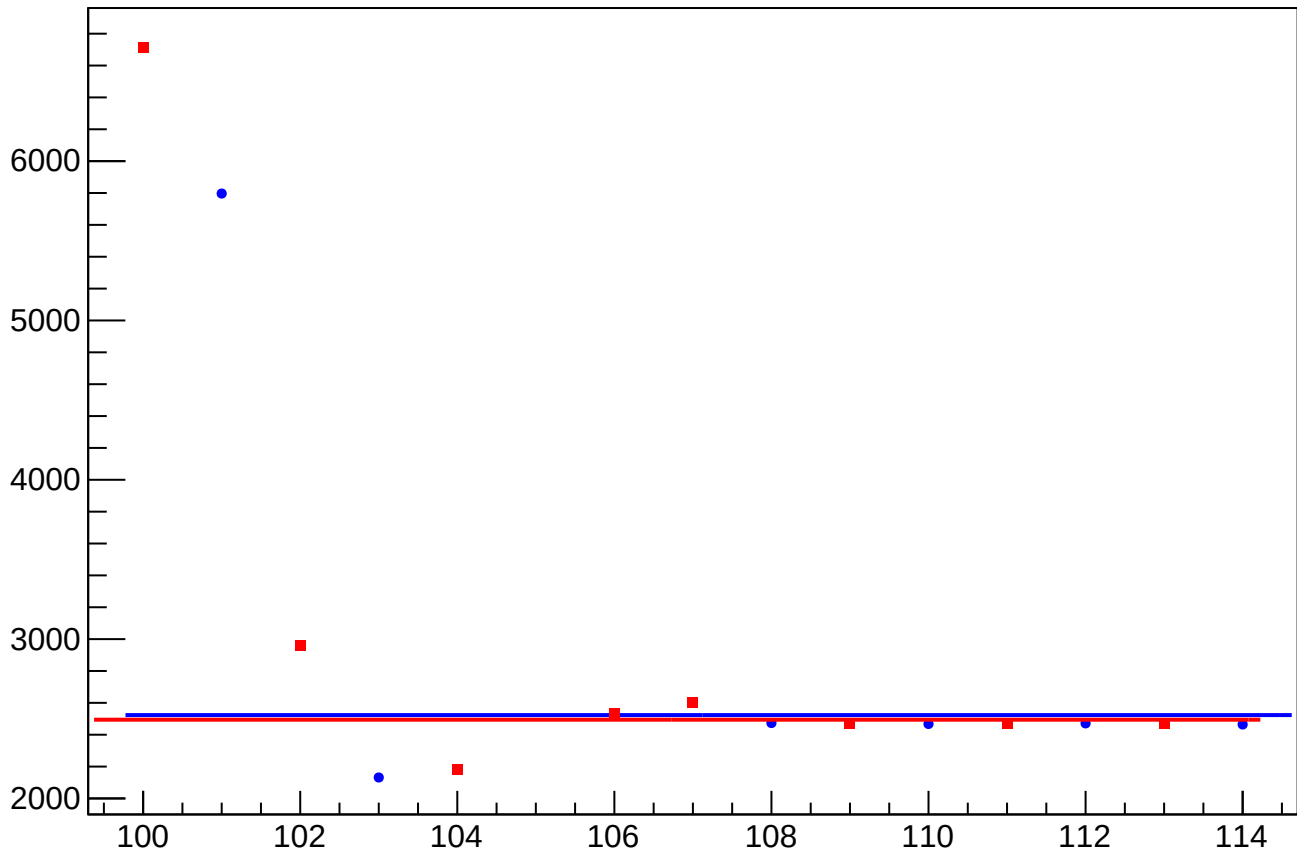
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.508 $\pm$ 1068.822 χ^2 /NDF: 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2523.147 $\pm$ 1.148 χ^2 /NDF: 460178.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2494.216 $\pm$ 1.004 χ^2 /NDF: 104893.0/7

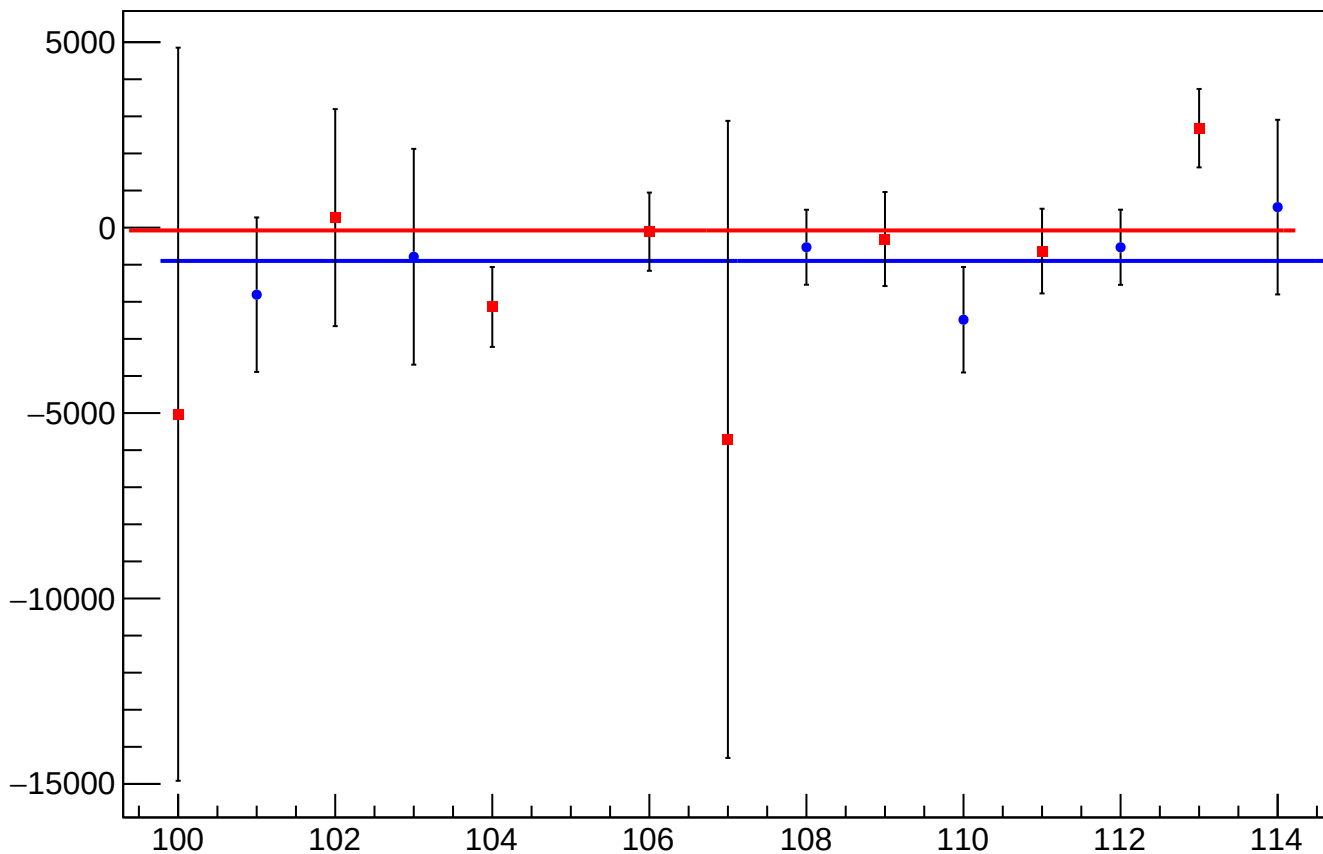
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2506.753 $\pm$ 0.756 χ^2 /NDF: 565431.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -897.912 $\pm$ 579.659 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.242 $\pm$ 488.709 χ^2 /NDF: 11.4/7

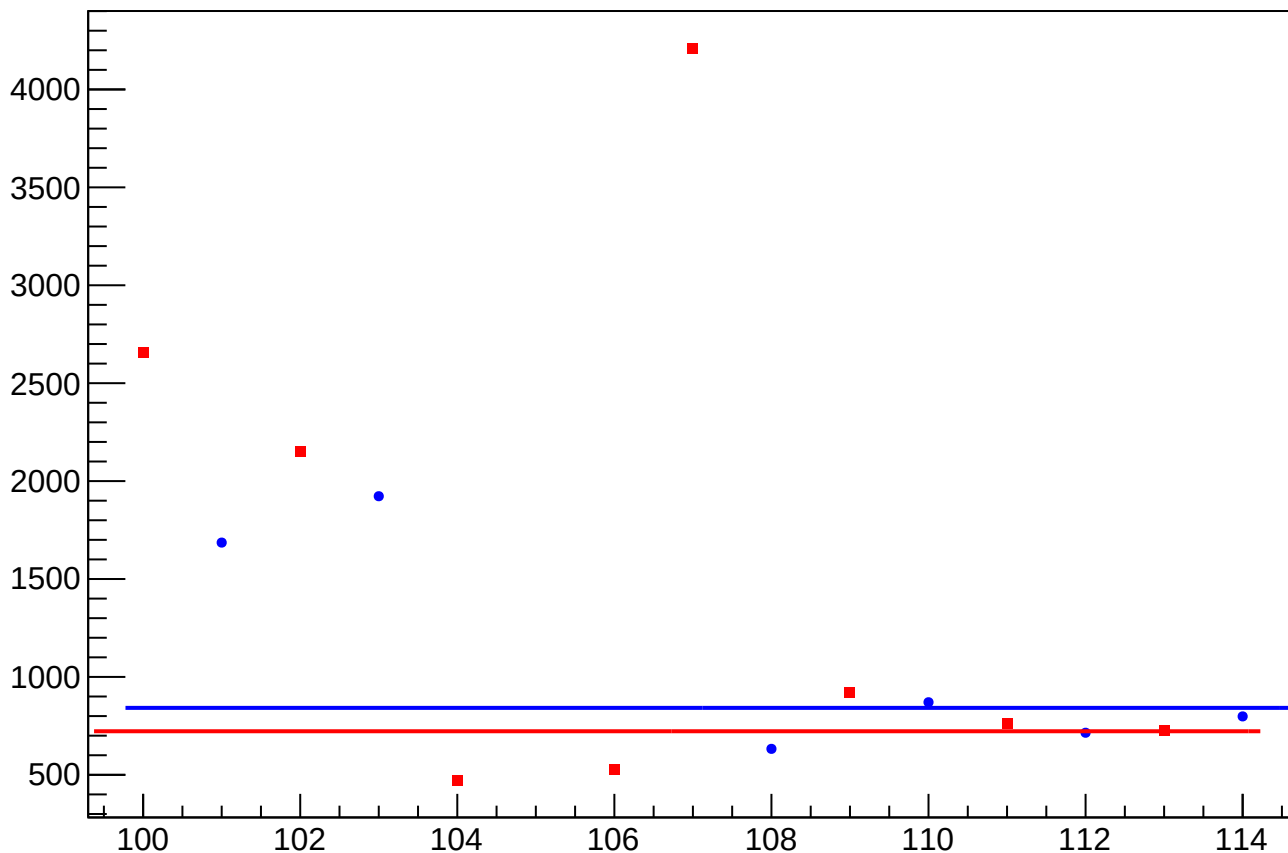
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -417.632 $\pm$ 373.636 χ^2 /NDF: 14.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 841.967+/-0.410 χ^2/NDF : 722971.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 722.536+/-0.346 χ^2/NDF : 1111151.4/7

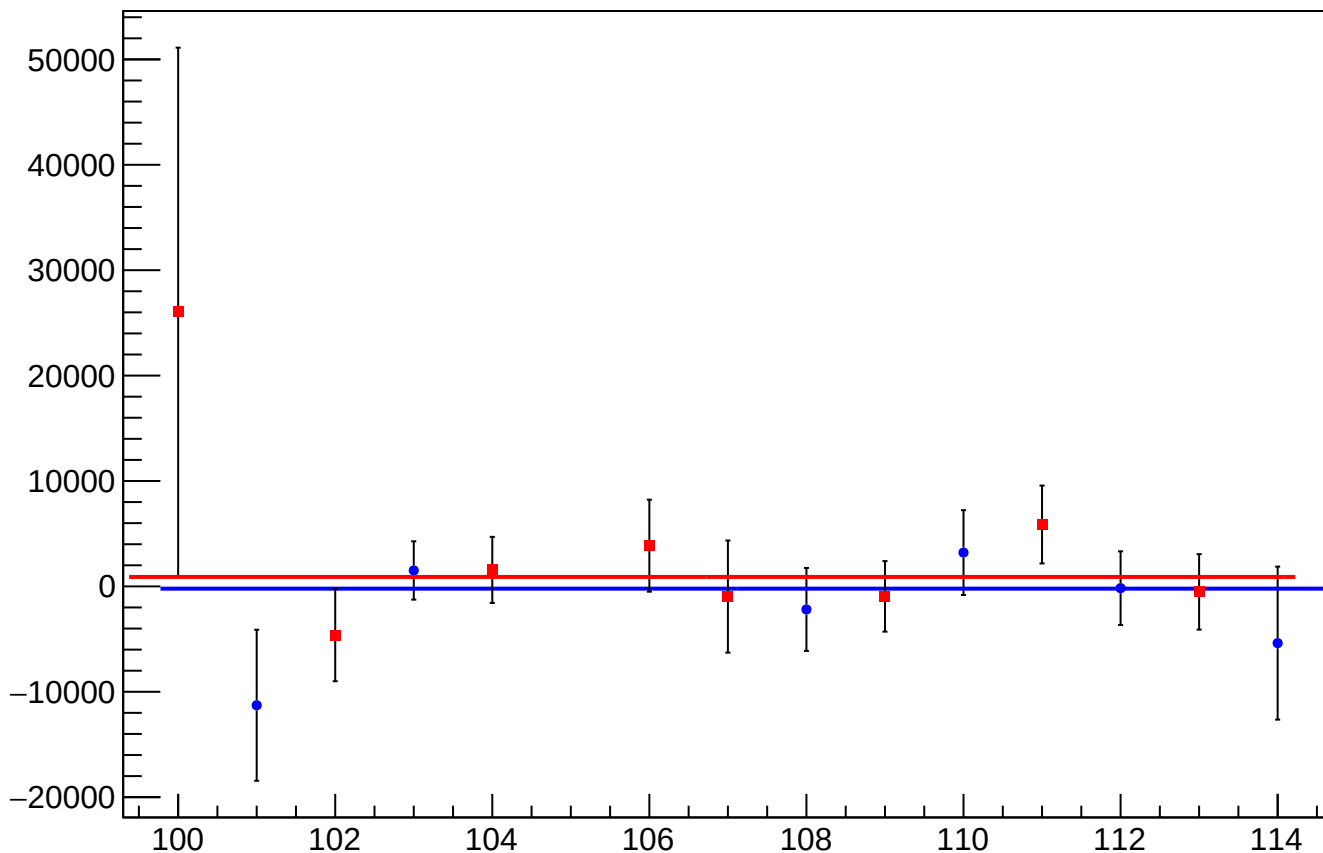
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.158+/-0.264 χ^2/NDF : 1883750.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -214.234+/-1627.921 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.224+/-1437.638 χ^2/NDF : 5.5/7

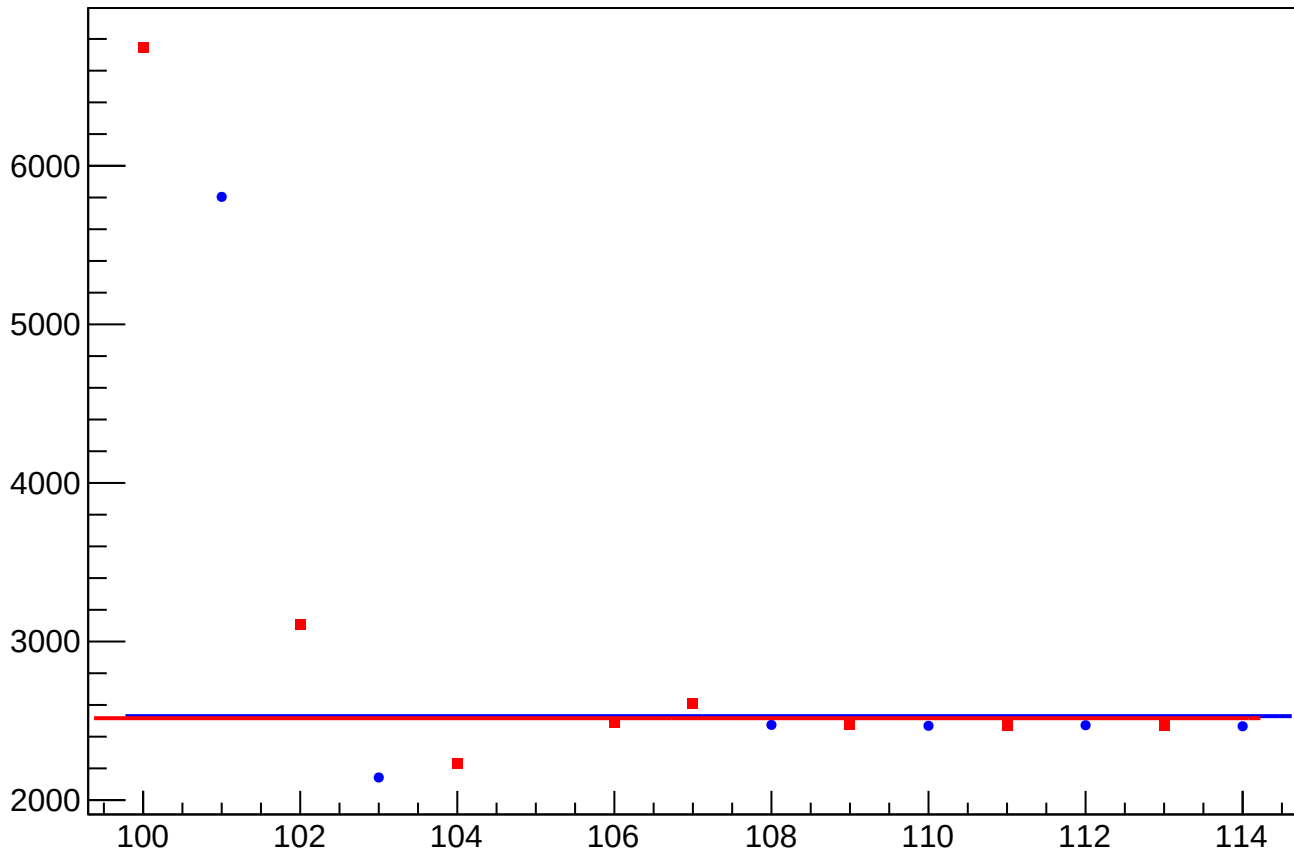
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.220+/-1077.589 χ^2/NDF : 10.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2529.421+/-1.151 χ^2/NDF : 458160.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

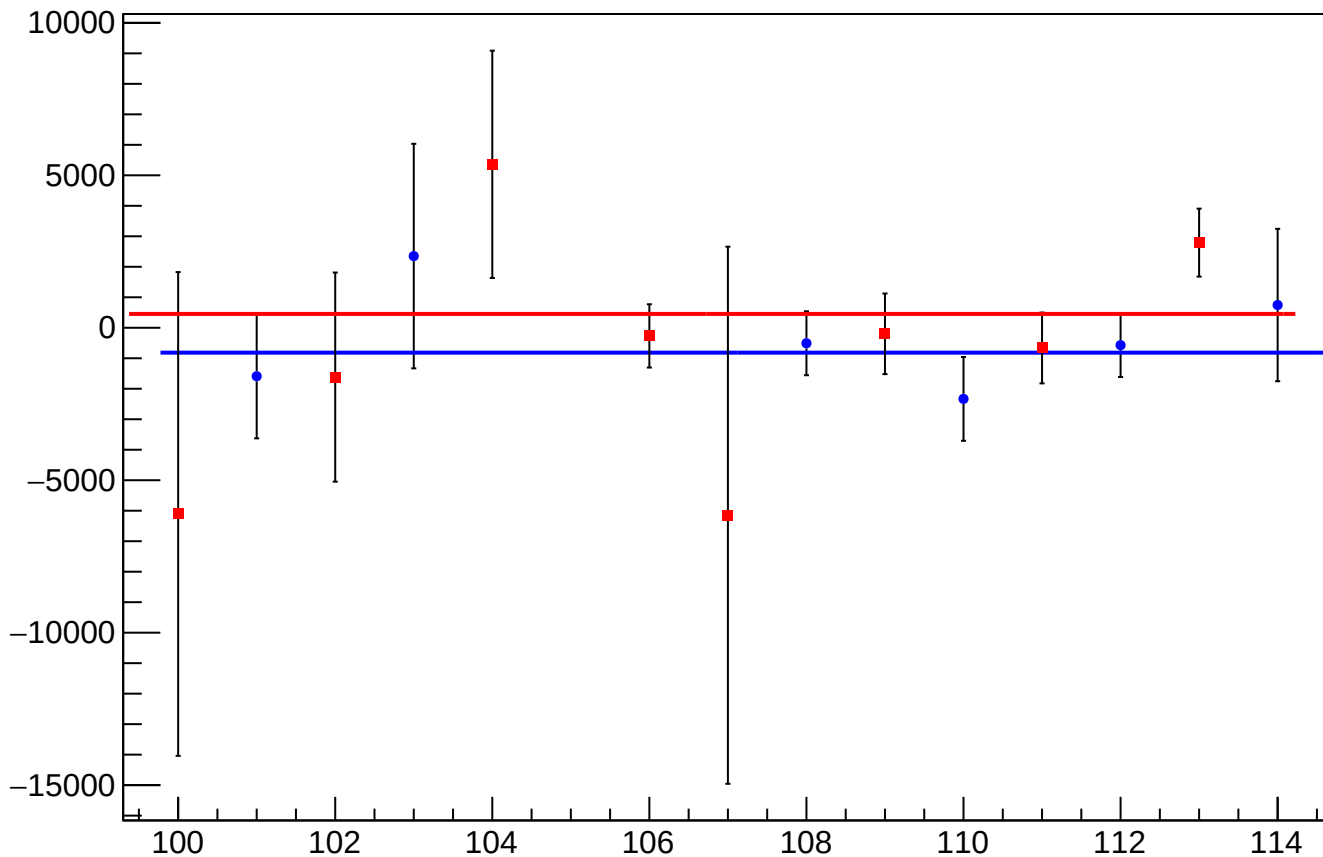
Right Out: 2516.503+/-1.017 χ^2/NDF : 111945.2/7

All: 2522.163+/-0.762 χ^2/NDF : 570176.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



Right In: -816.102+/-594.404 χ^2 /NDF: 2.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 454.287+/-556.176 χ^2 /NDF: 9.4/7

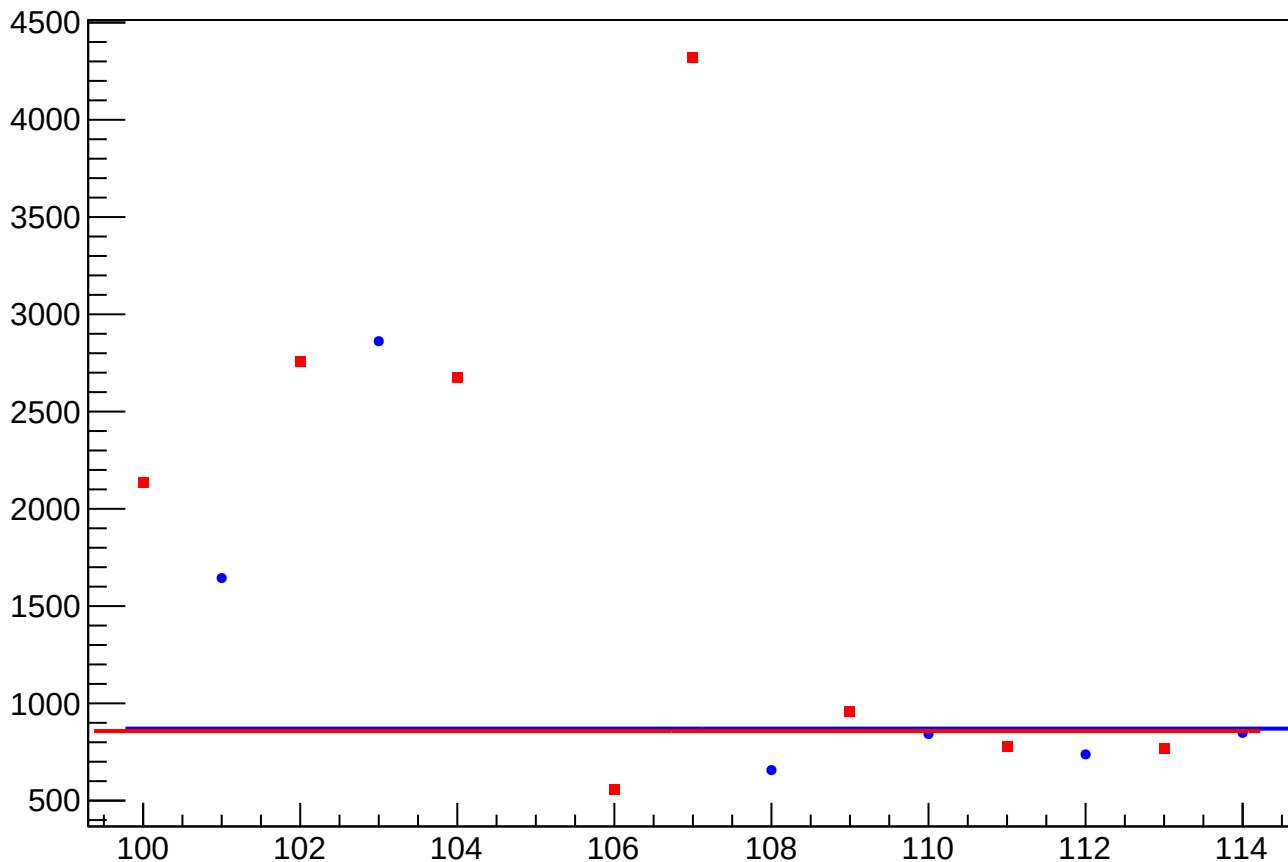
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -138.745+/-406.118 χ^2 /NDF: 14.5/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 870.144+/-0.420 χ^2/NDF : 989481.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.048+/-0.393 χ^2/NDF : 1651288.0/7

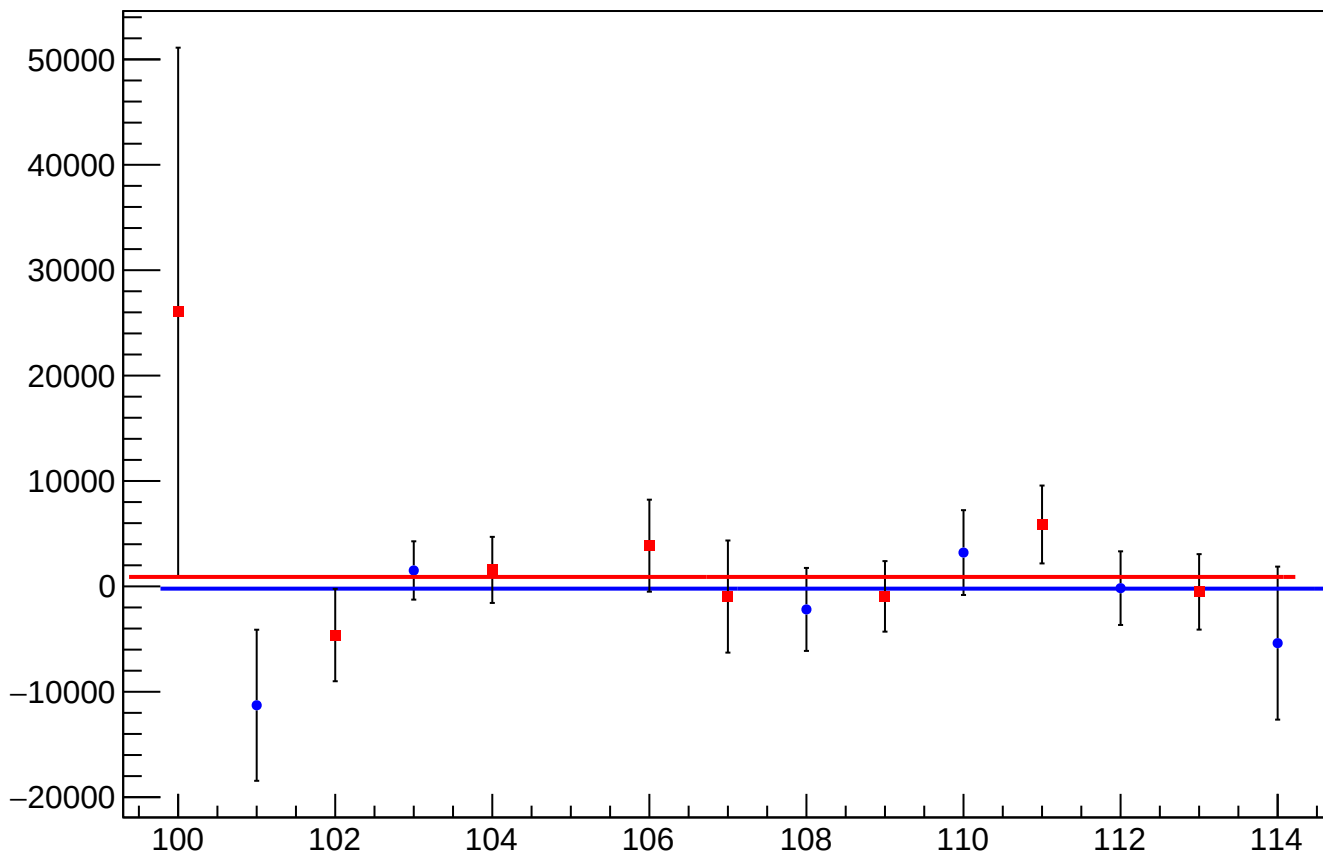
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.694+/-0.287 χ^2/NDF : 2641211.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -214.238+/-1627.921 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.228+/-1437.638 χ^2/NDF : 5.5/7

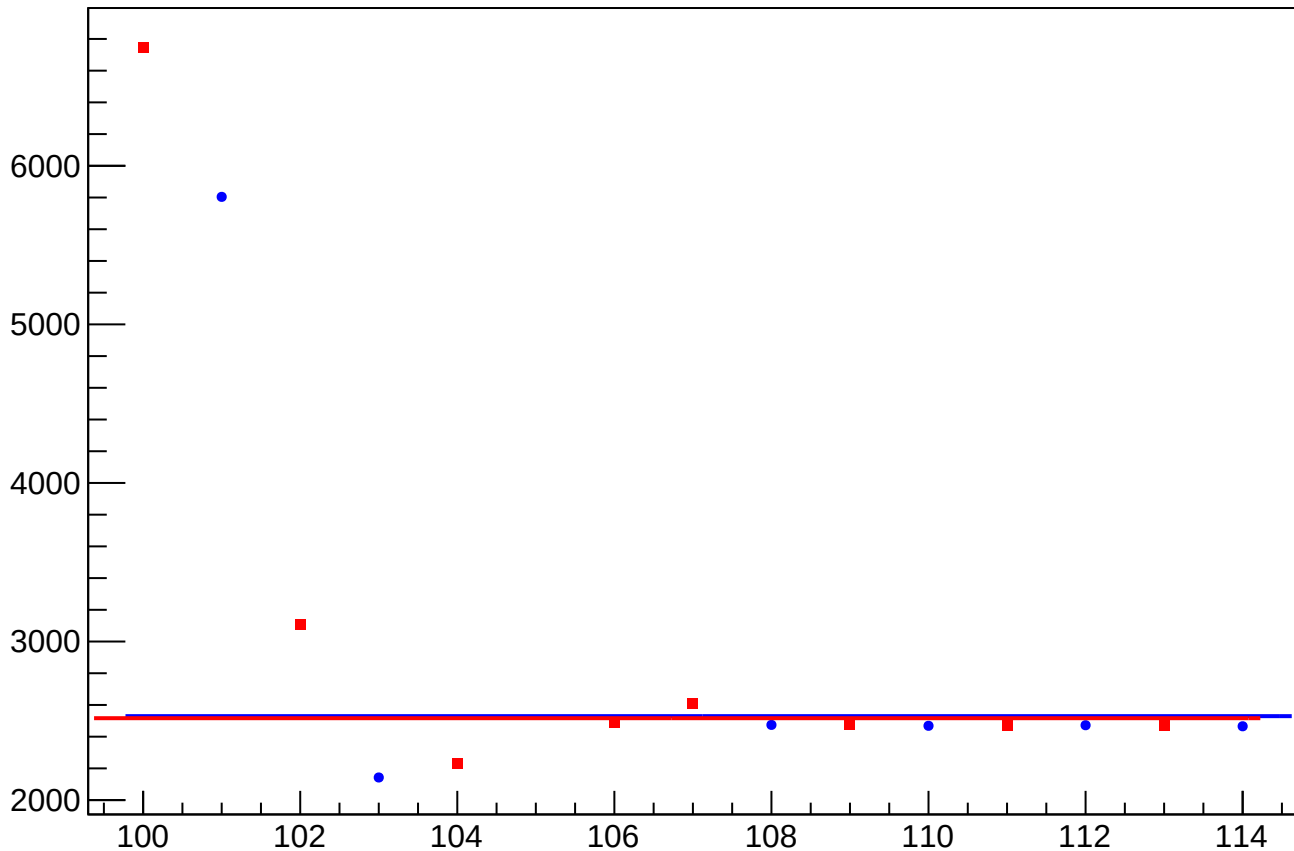
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.220+/-1077.589 χ^2/NDF : 10.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2529.421+/-1.151 χ^2/NDF : 458160.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

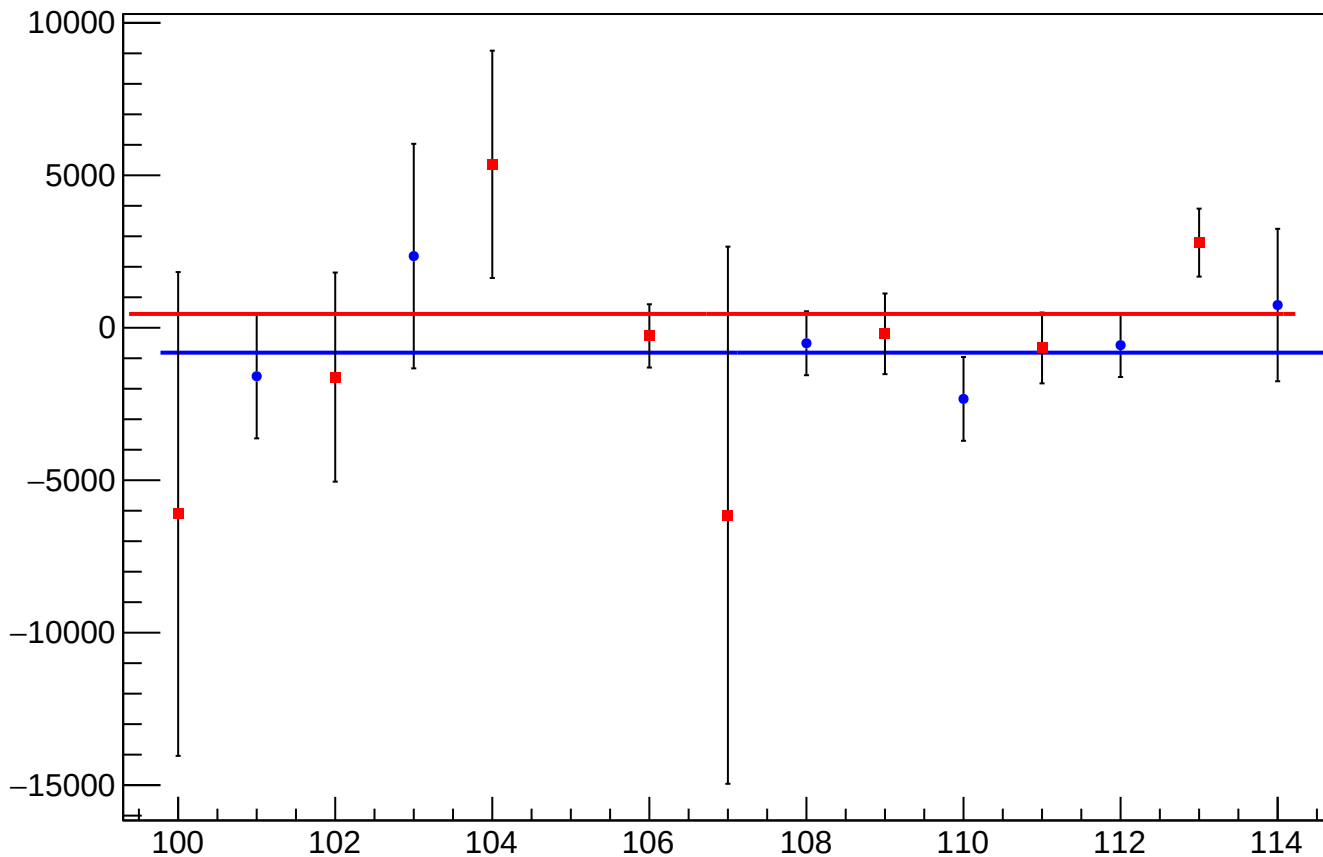
Right Out: 2516.502+/-1.017 χ^2/NDF : 111945.2/7

All: 2522.163+/-0.762 χ^2/NDF : 570176.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -816.106+/-594.407 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.286+/-556.178 χ^2/NDF : 9.4/7

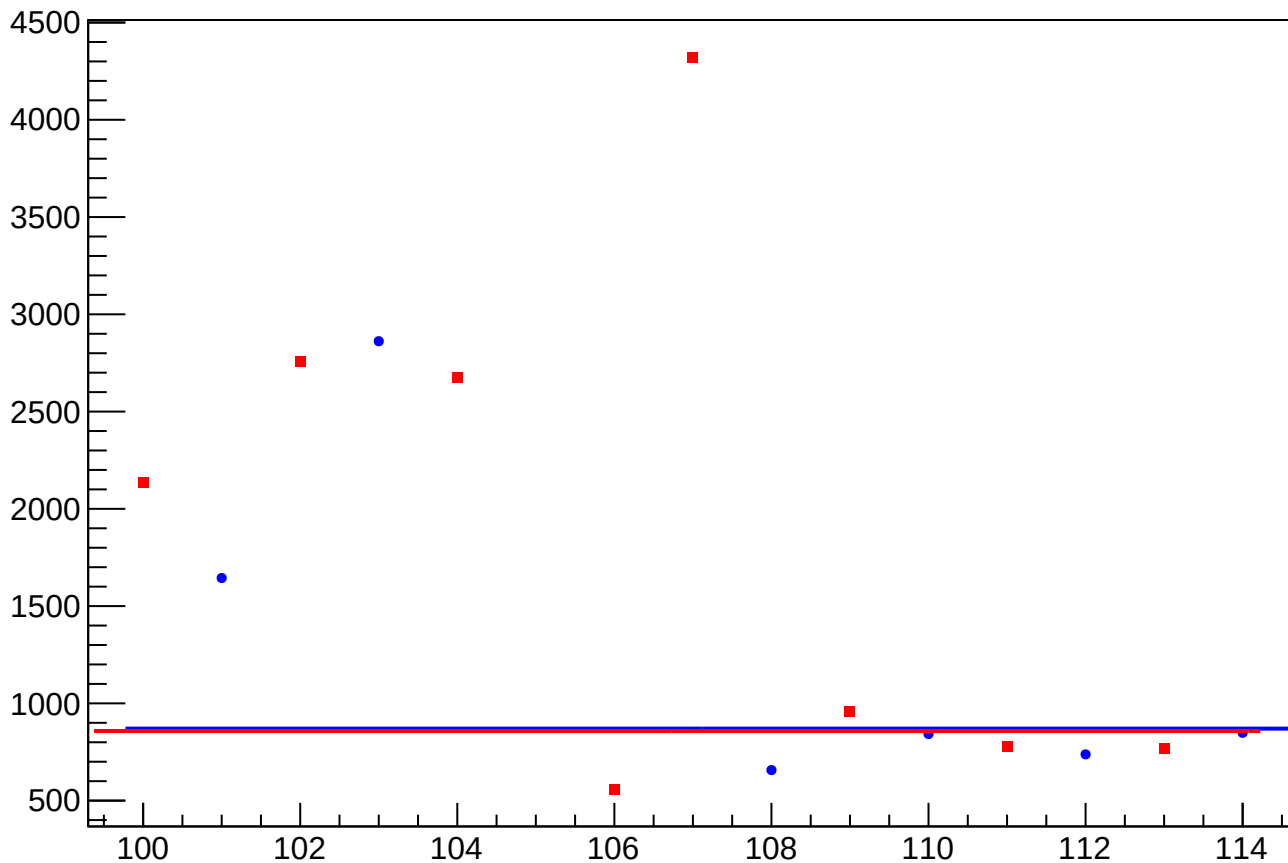
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.747+/-406.120 χ^2/NDF : 14.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 870.149+/-0.420 χ^2/NDF : 989475.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.052+/-0.393 χ^2/NDF : 1651282.3/7

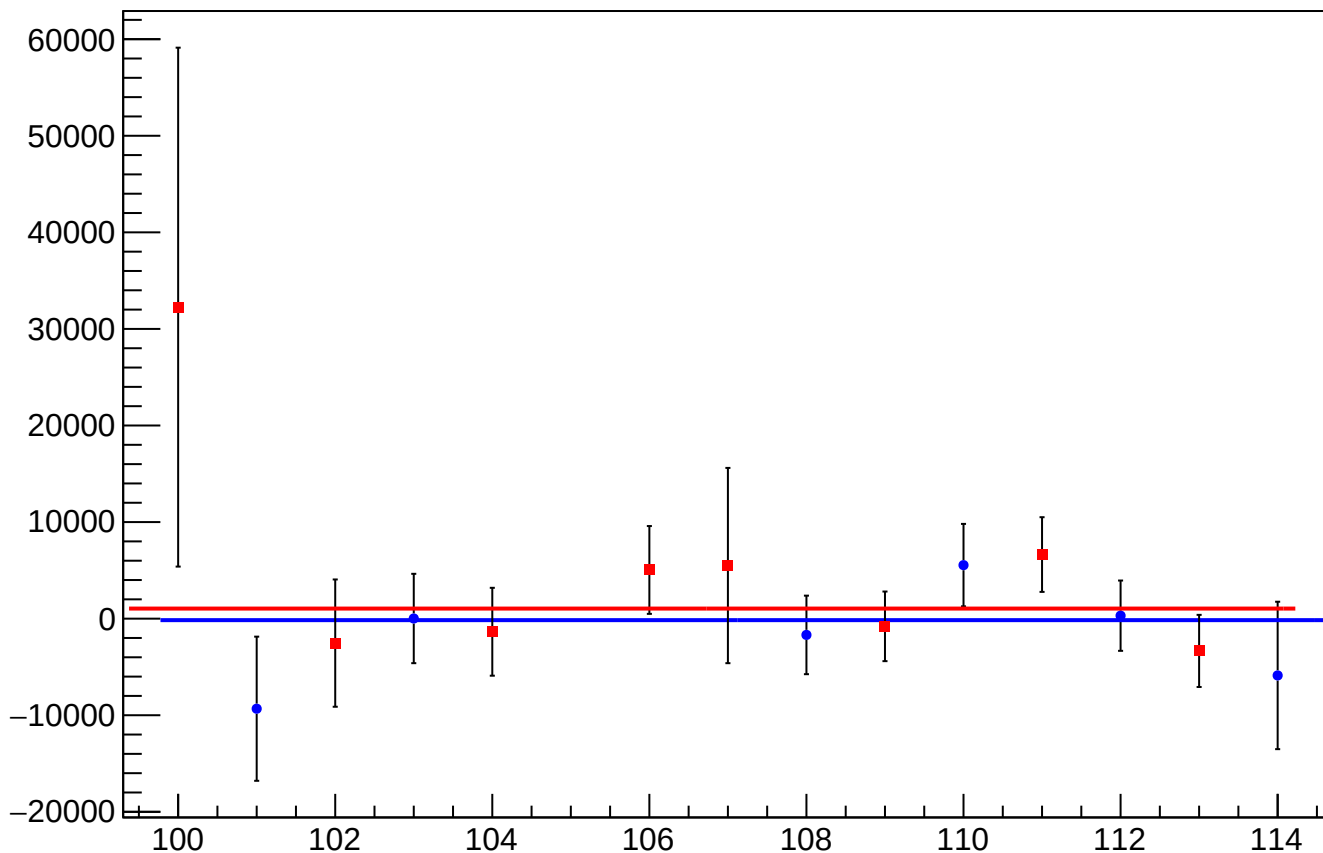
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.699+/-0.287 χ^2/NDF : 2641199.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -154.558+/-1914.998 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1044.137+/-1698.868 χ^2/NDF : 6.6/7

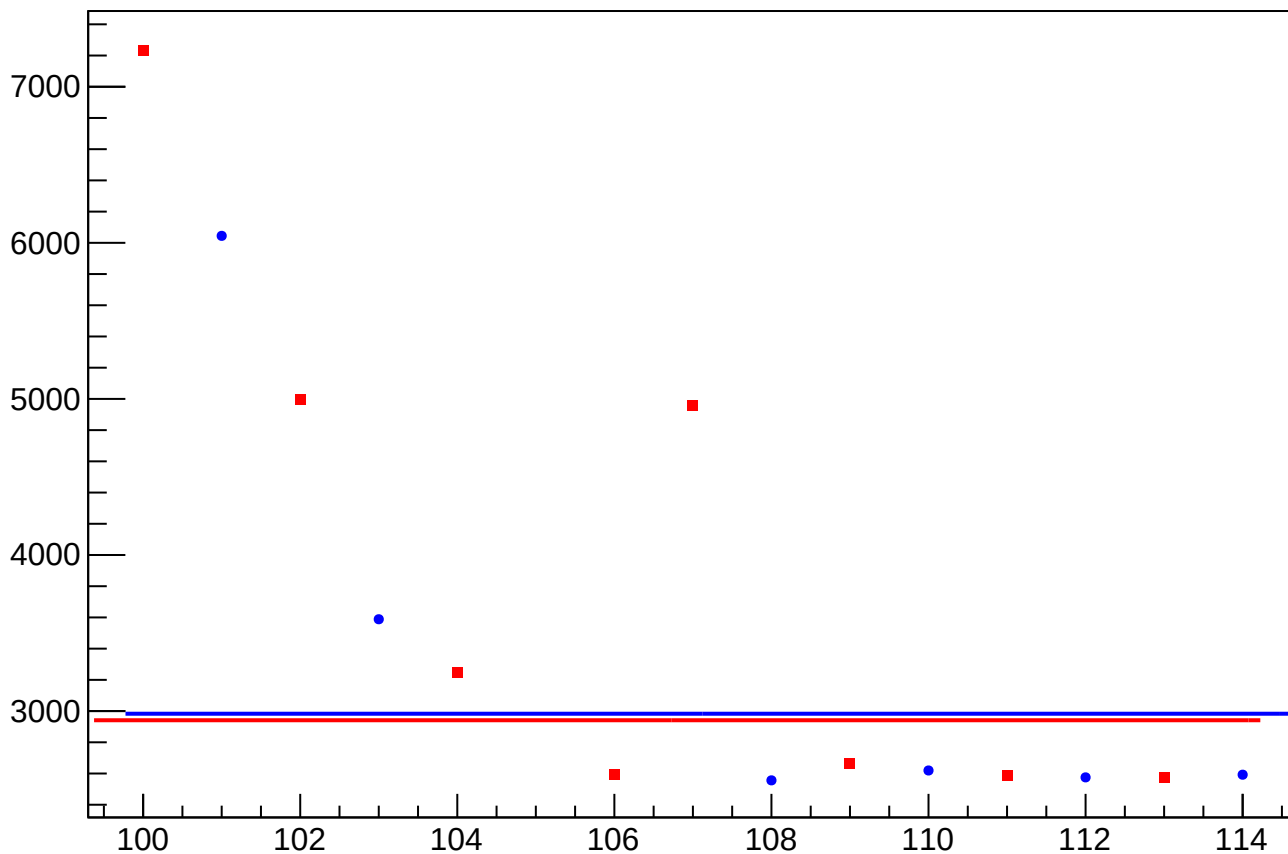
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.223+/-1270.854 χ^2/NDF : 10.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2983.039+/-1.354 χ^2/NDF : 437733.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2941.238+/-1.201 χ^2/NDF : 393808.0/7

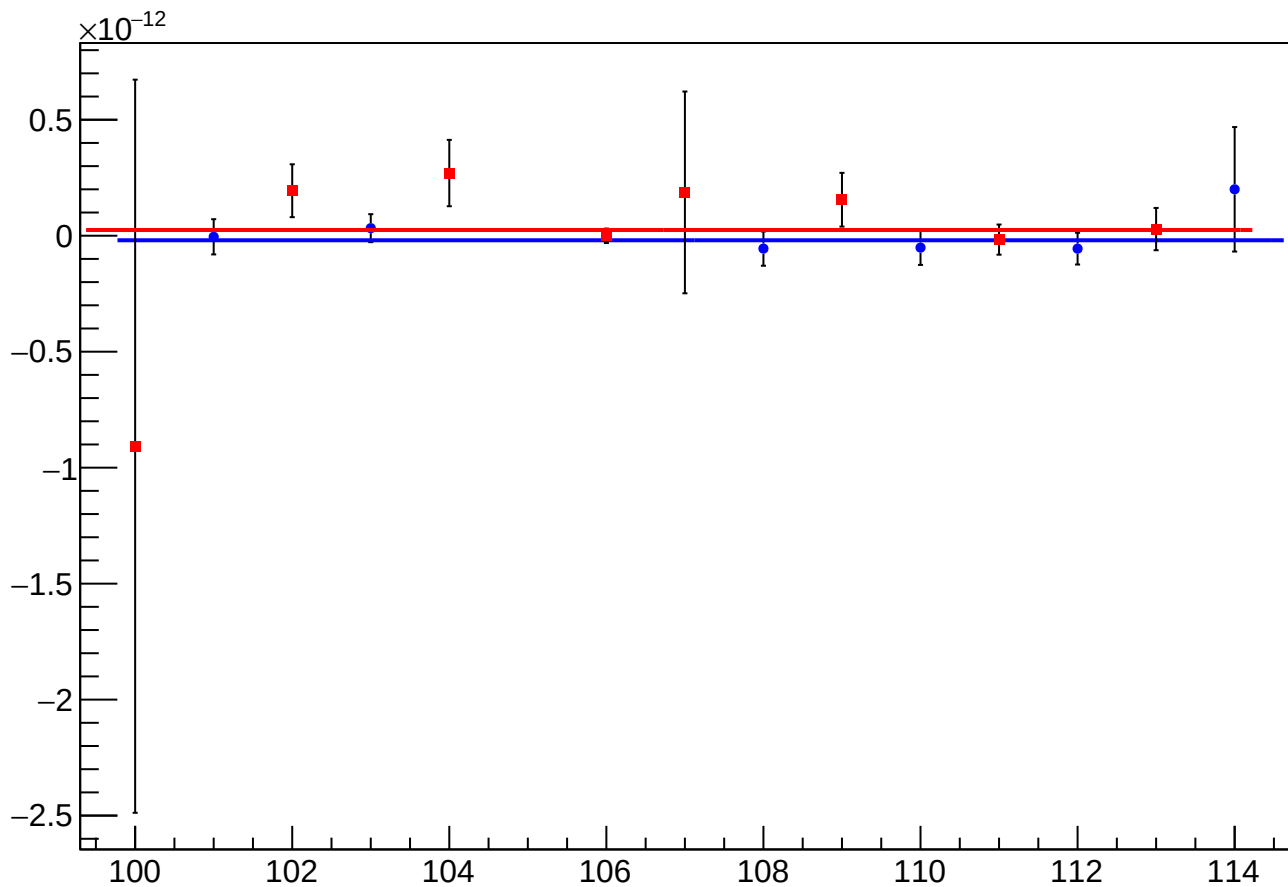
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2959.647+/-0.899 χ^2/NDF : 832074.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.0/7

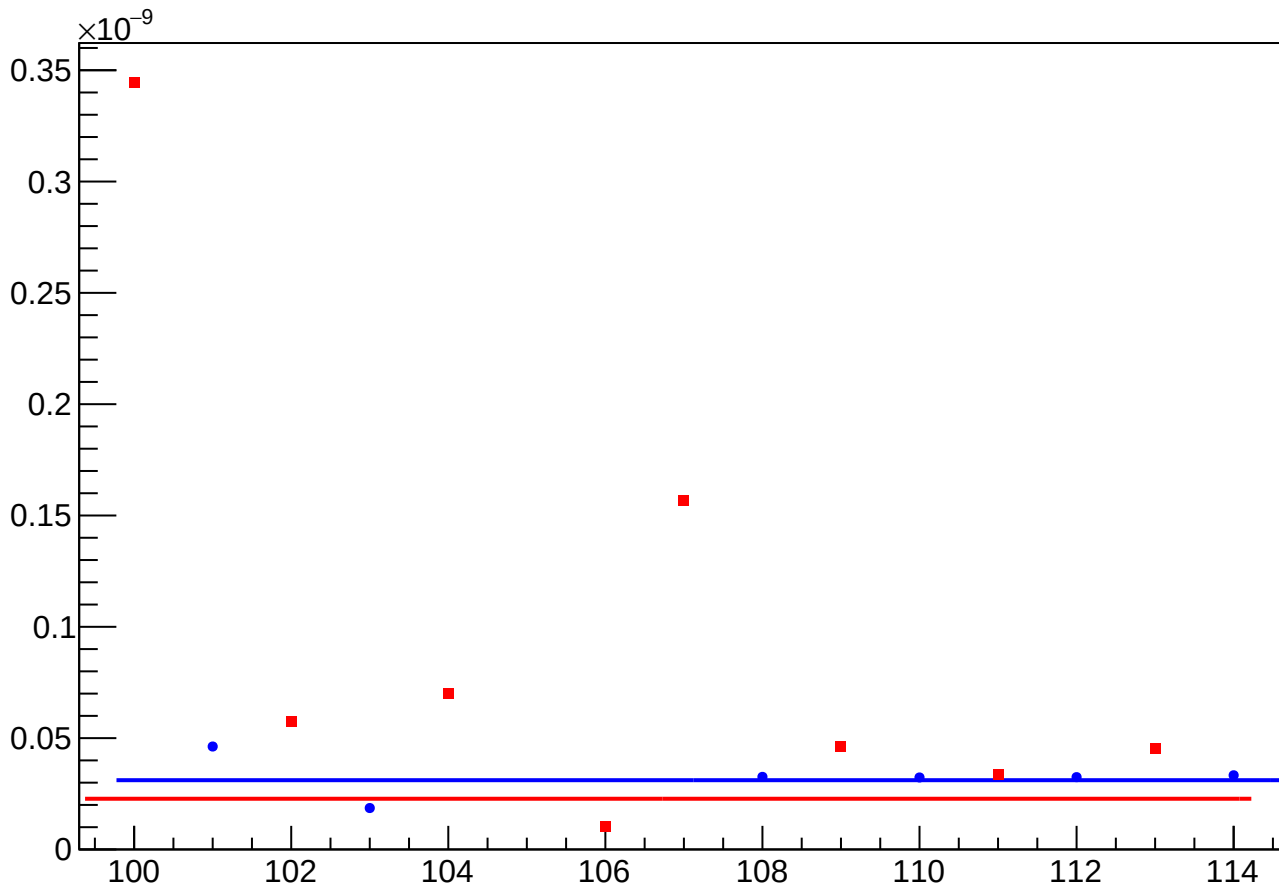
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 167670.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1251789.5/7

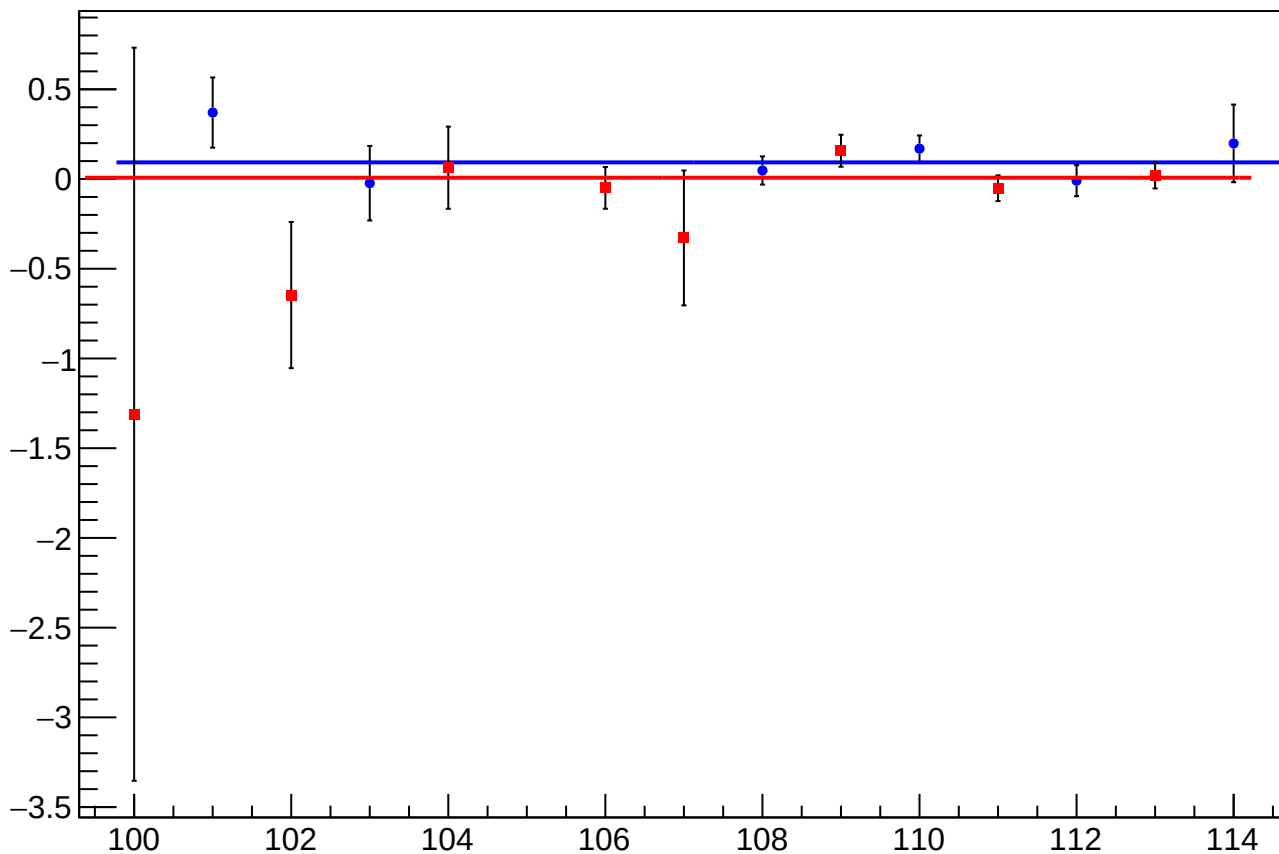
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1506876.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.093 $\pm$ 0.043 χ^2 /NDF: 5.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.040 χ^2 /NDF: 7.6/7

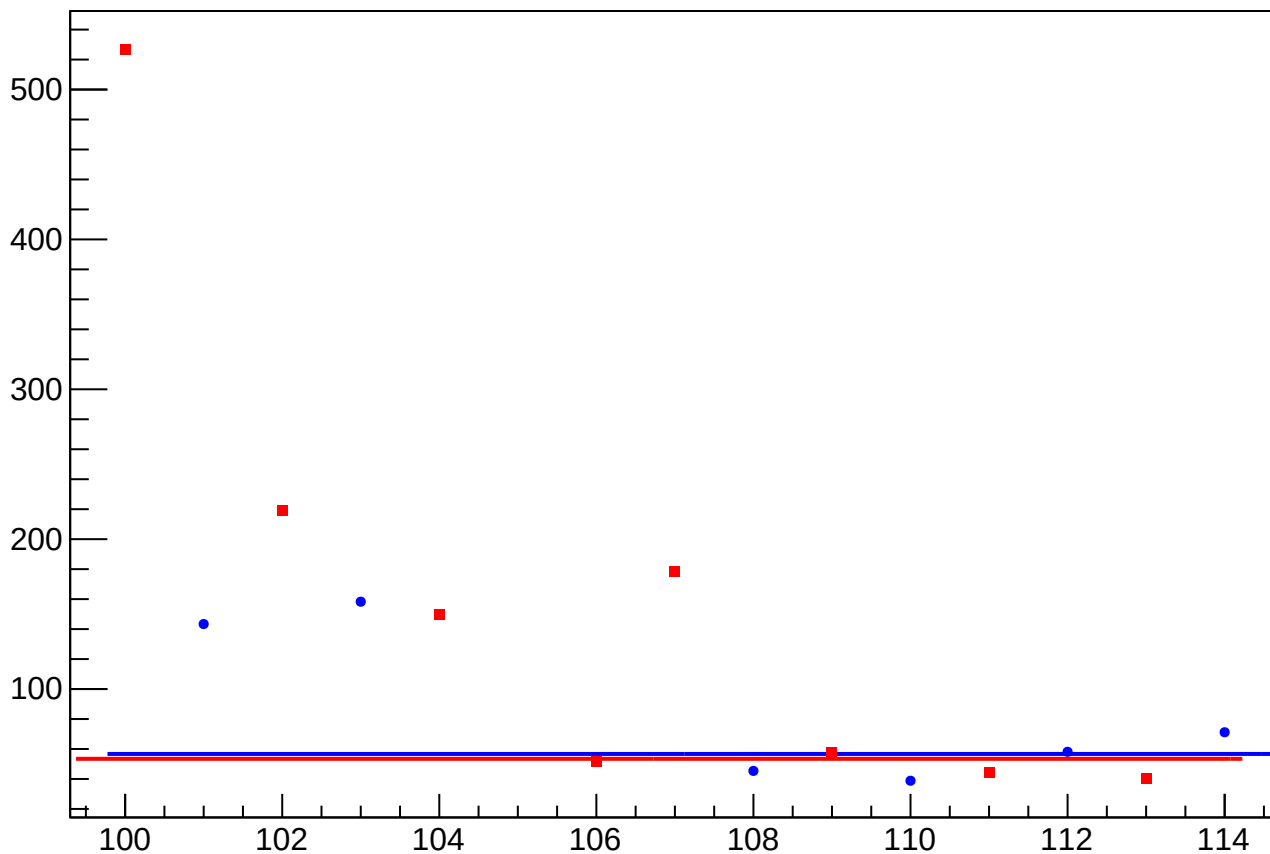
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.047 $\pm$ 0.029 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 56.704 $\pm$ 0.030 χ^2 /NDF: 1040385.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.451 $\pm$ 0.028 χ^2 /NDF: 1114712.4/7

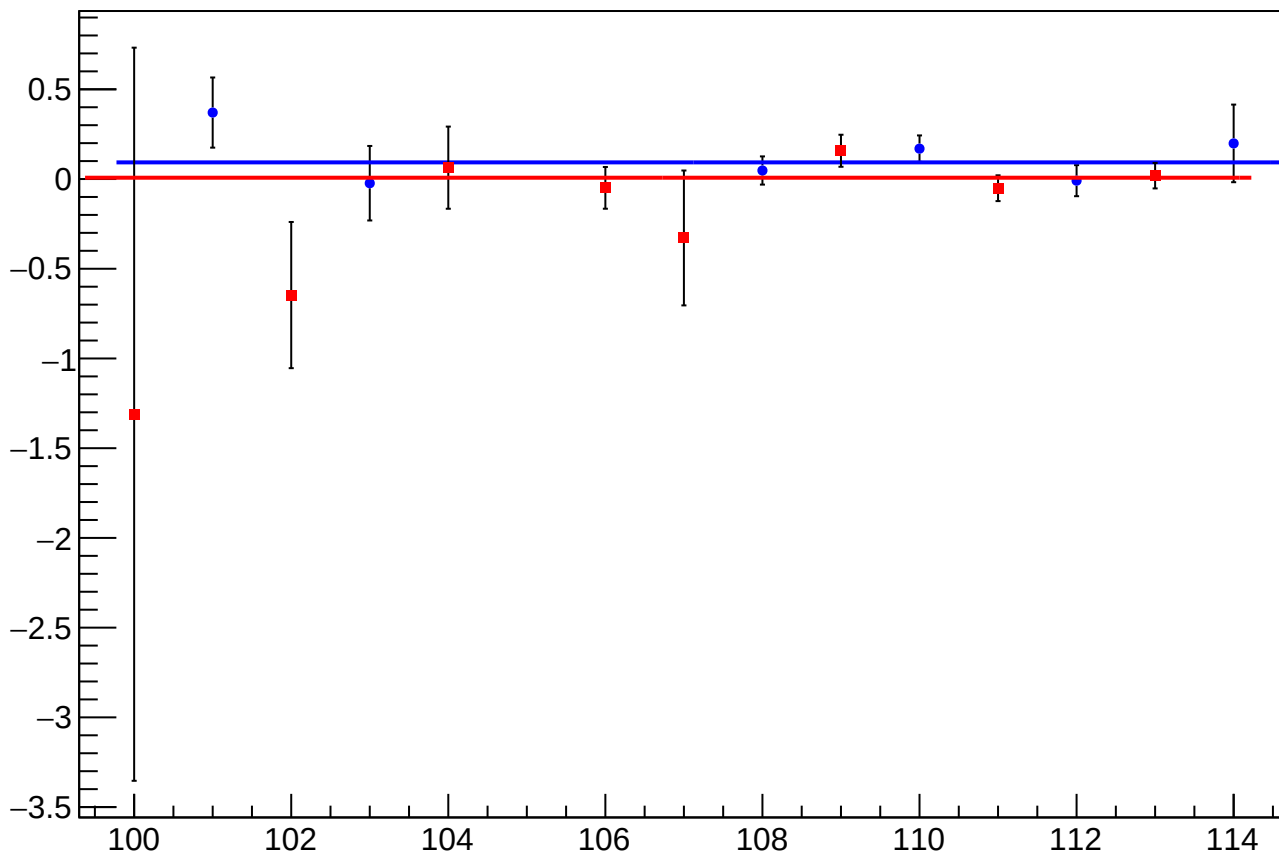
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.974 $\pm$ 0.021 χ^2 /NDF: 2161288.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.093 $\pm$ 0.043 χ^2 /NDF: 5.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.040 χ^2 /NDF: 7.6/7

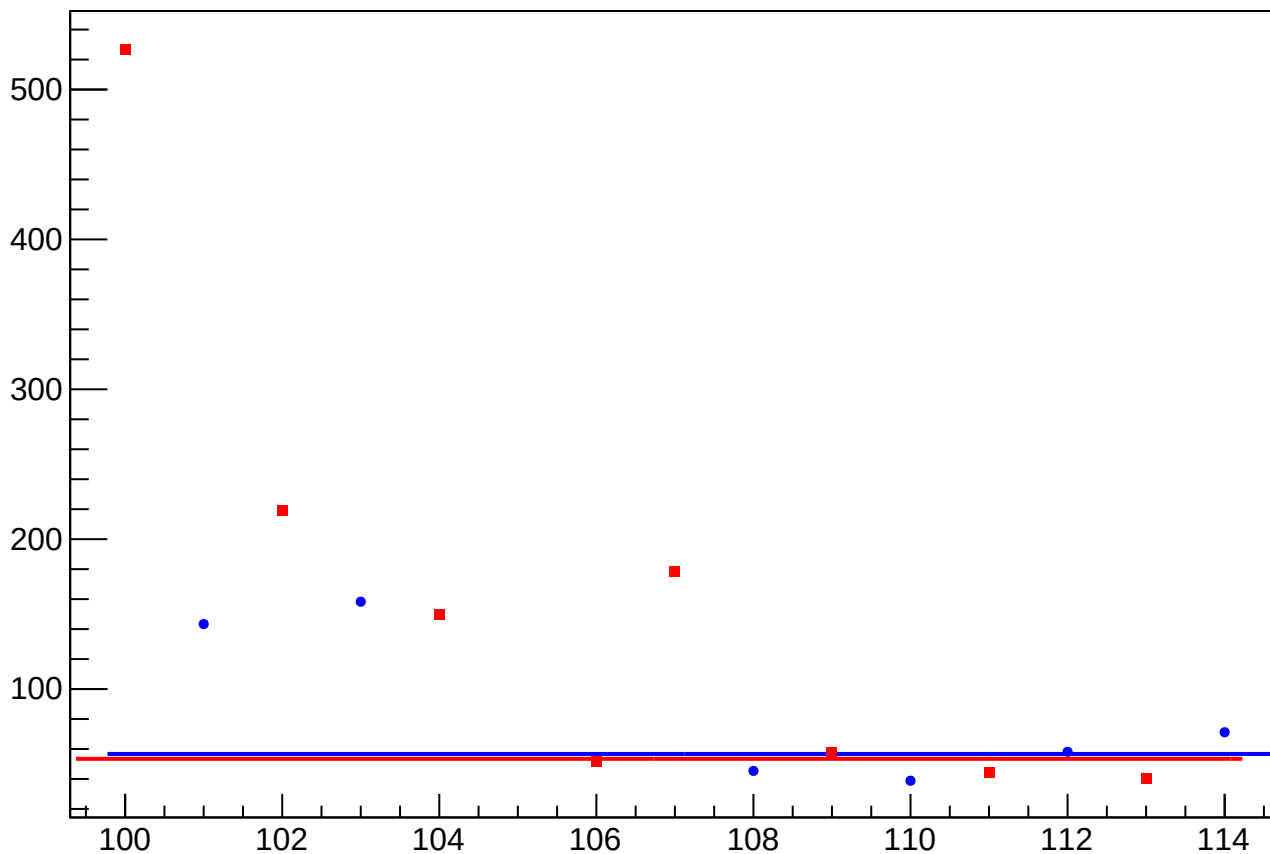
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.047 $\pm$ 0.029 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.704+/-0.030 χ^2/NDF : 1040385.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.451+/-0.028 χ^2/NDF : 1114712.4/7

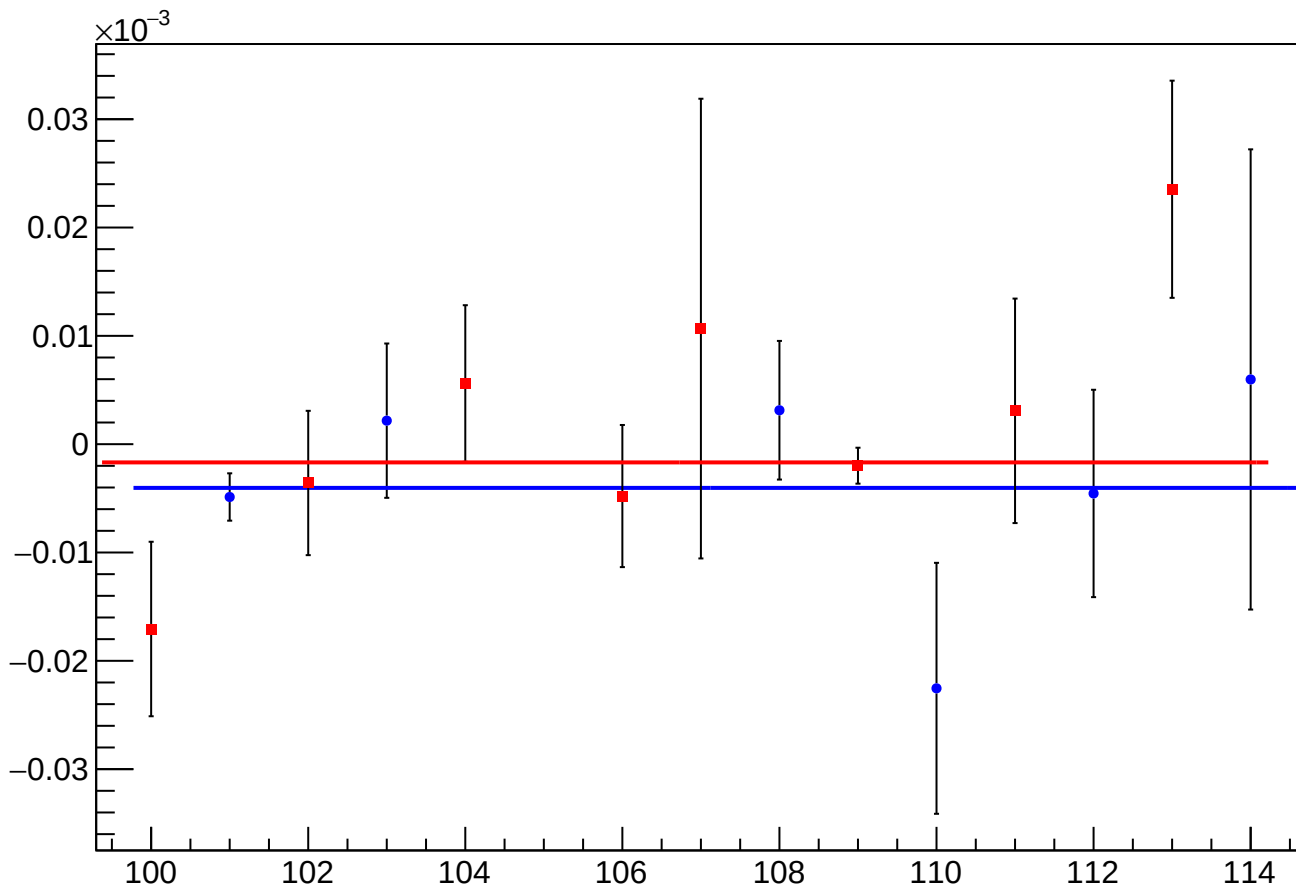
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.974+/-0.021 χ^2/NDF : 2161288.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/7

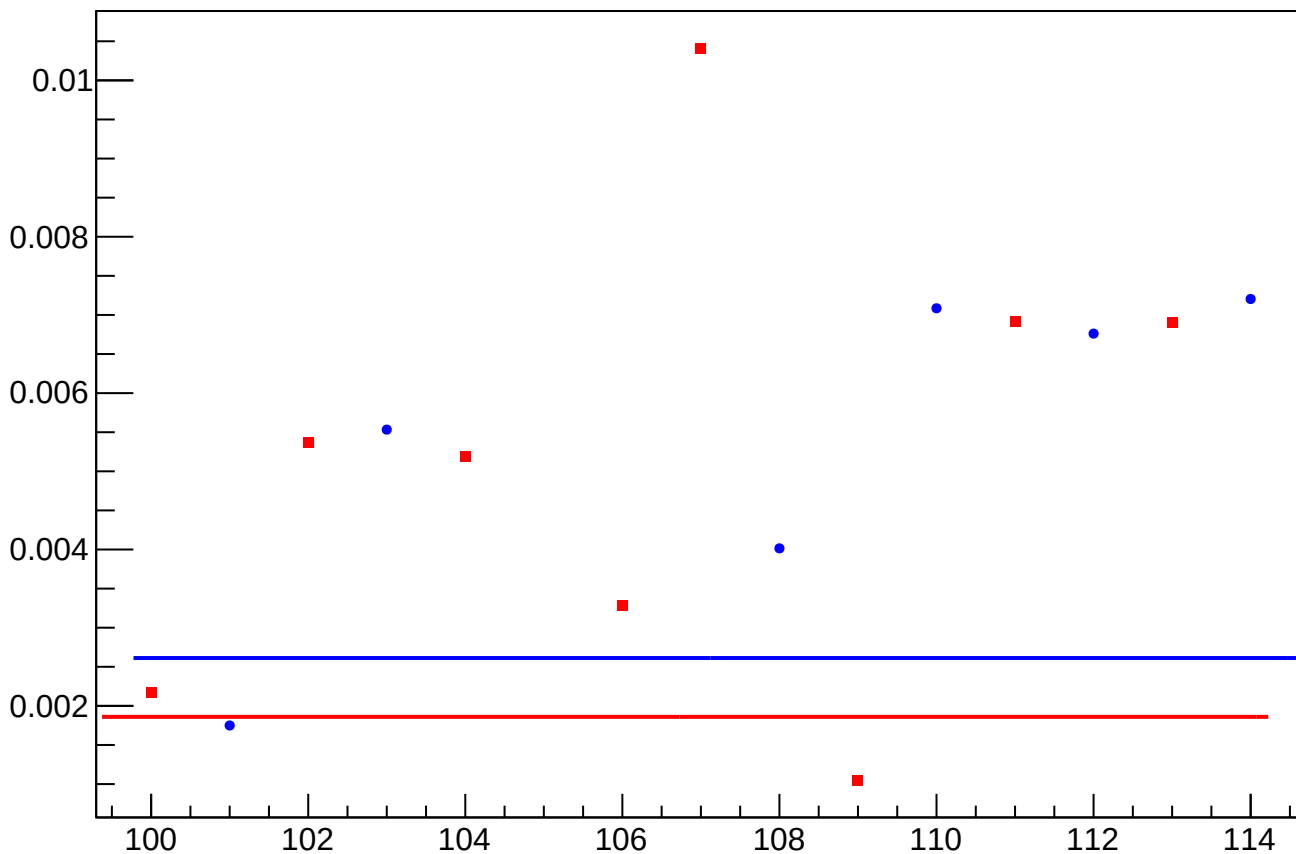
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1511583.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2868614.8/7

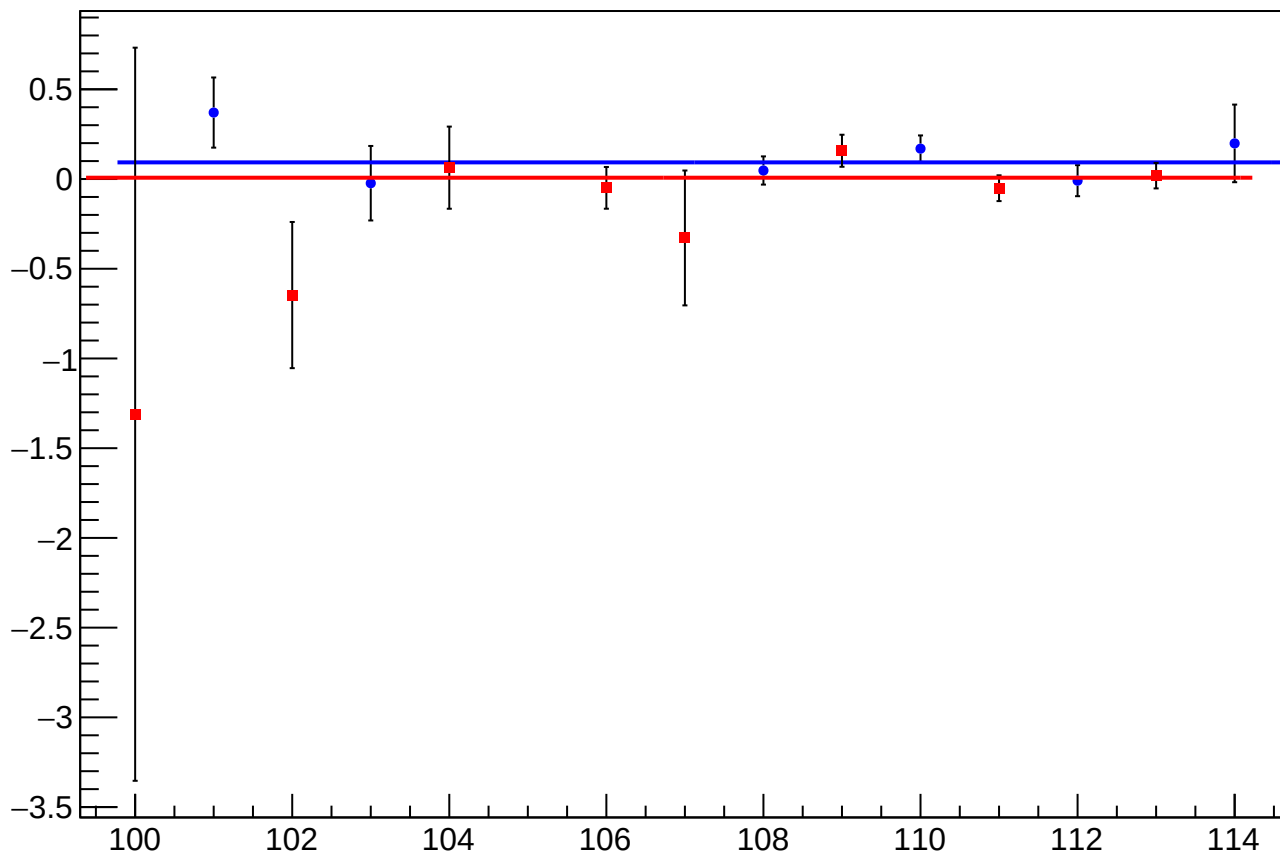
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4575380.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.093 $\pm$ 0.043 χ^2 /NDF: 5.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.040 χ^2 /NDF: 7.6/7

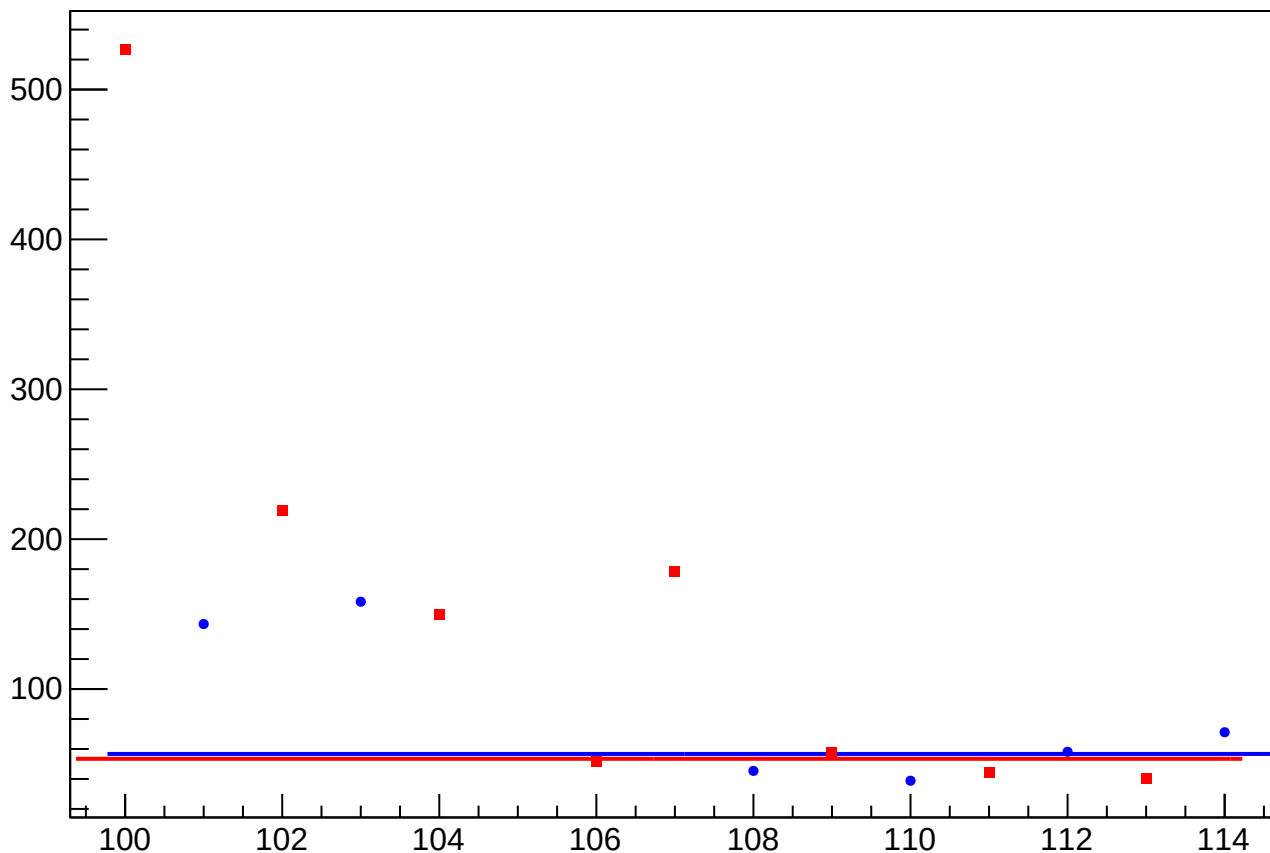
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.047 $\pm$ 0.029 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 56.703+/-0.030 χ^2/NDF : 1040438.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.455+/-0.028 χ^2/NDF : 1114593.7/7

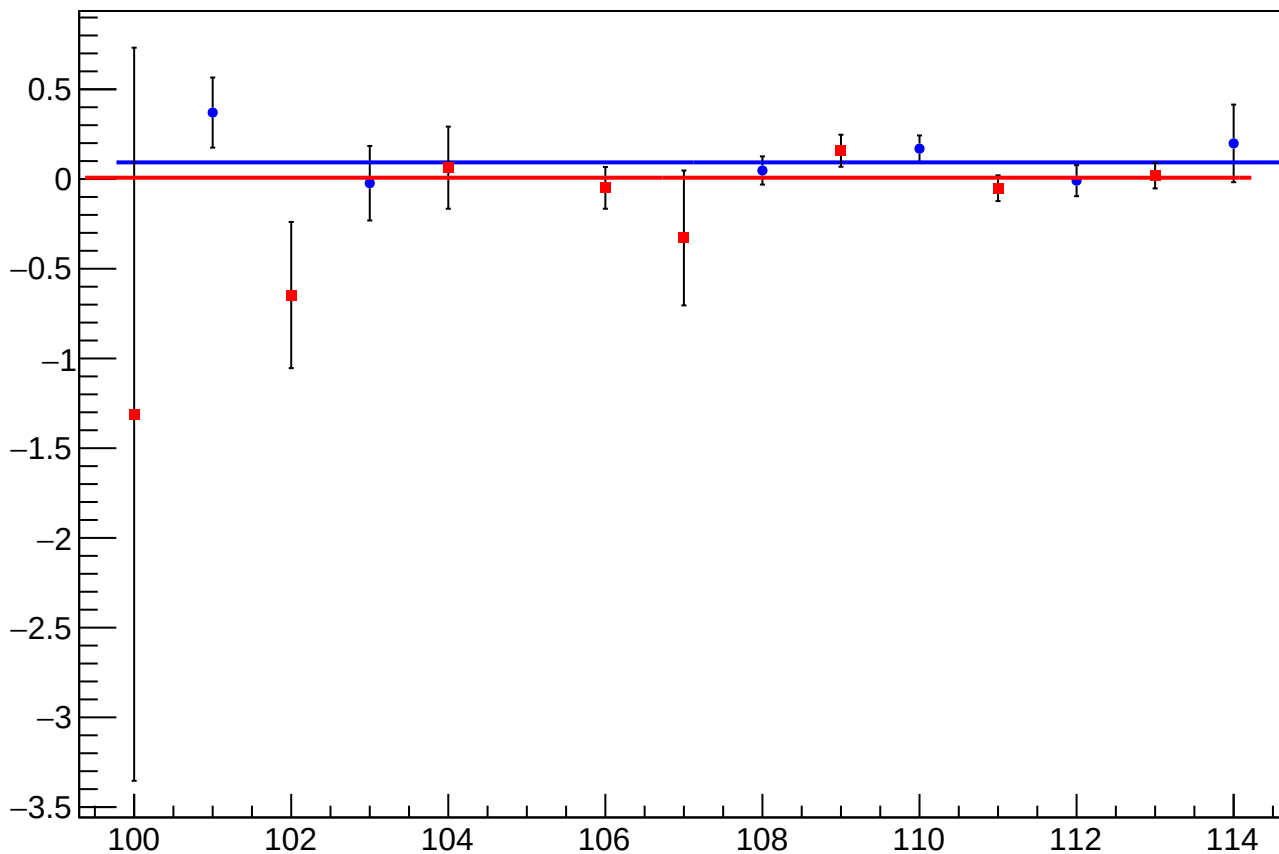
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.976+/-0.021 χ^2/NDF : 2161203.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.093+/-0.043 χ^2/NDF : 5.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.040 χ^2/NDF : 7.6/7

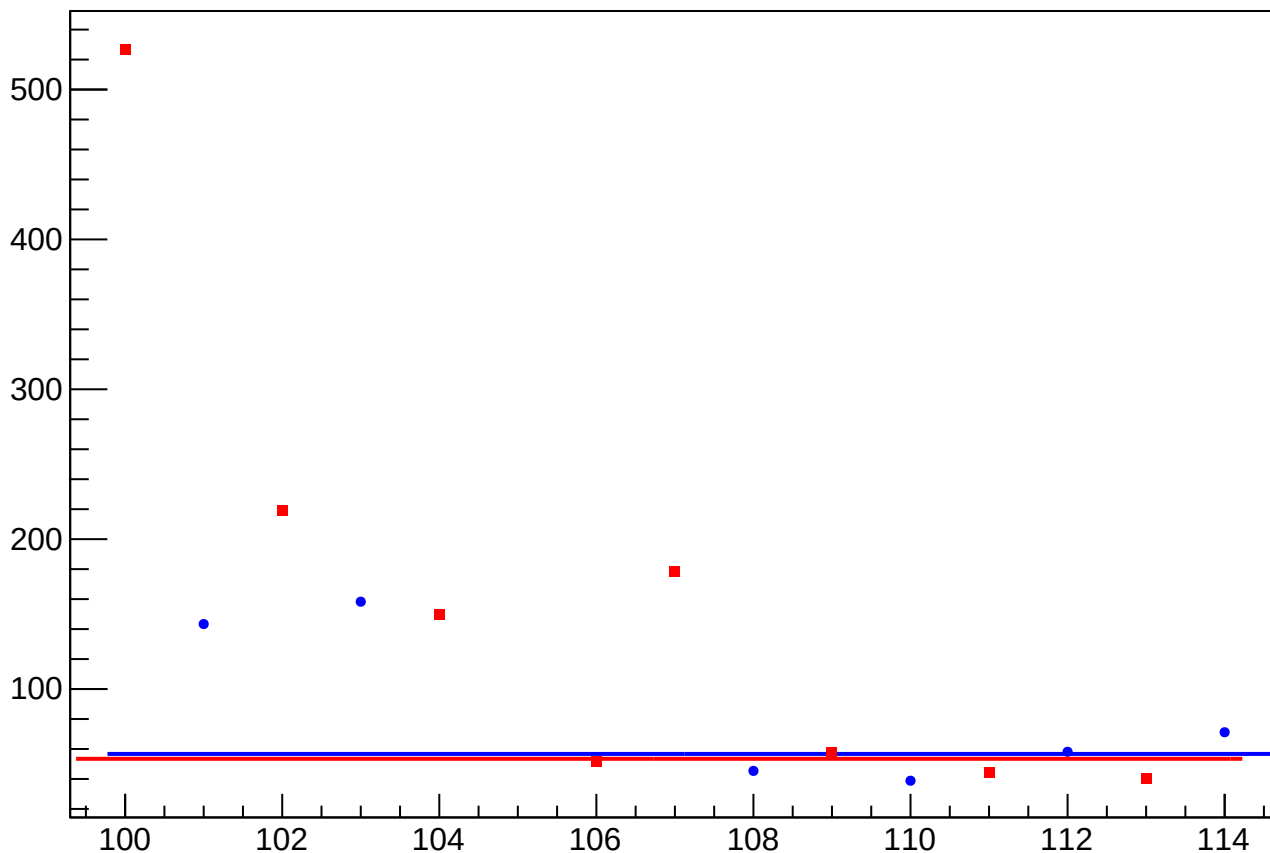
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.029 χ^2/NDF : 15.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.703+/-0.030 χ^2/NDF : 1040438.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.455+/-0.028 χ^2/NDF : 1114593.7/7

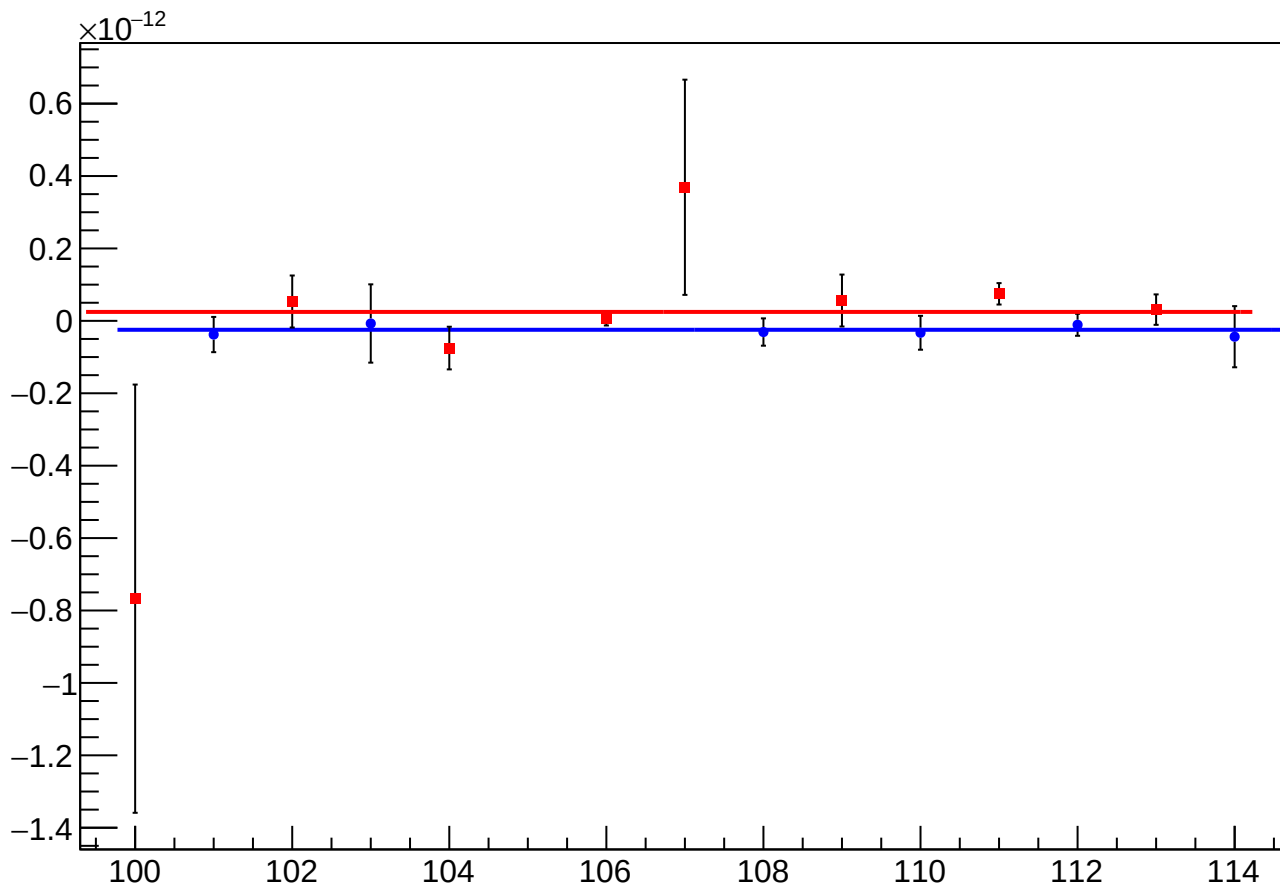
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.976+/-0.021 χ^2/NDF : 2161203.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/7

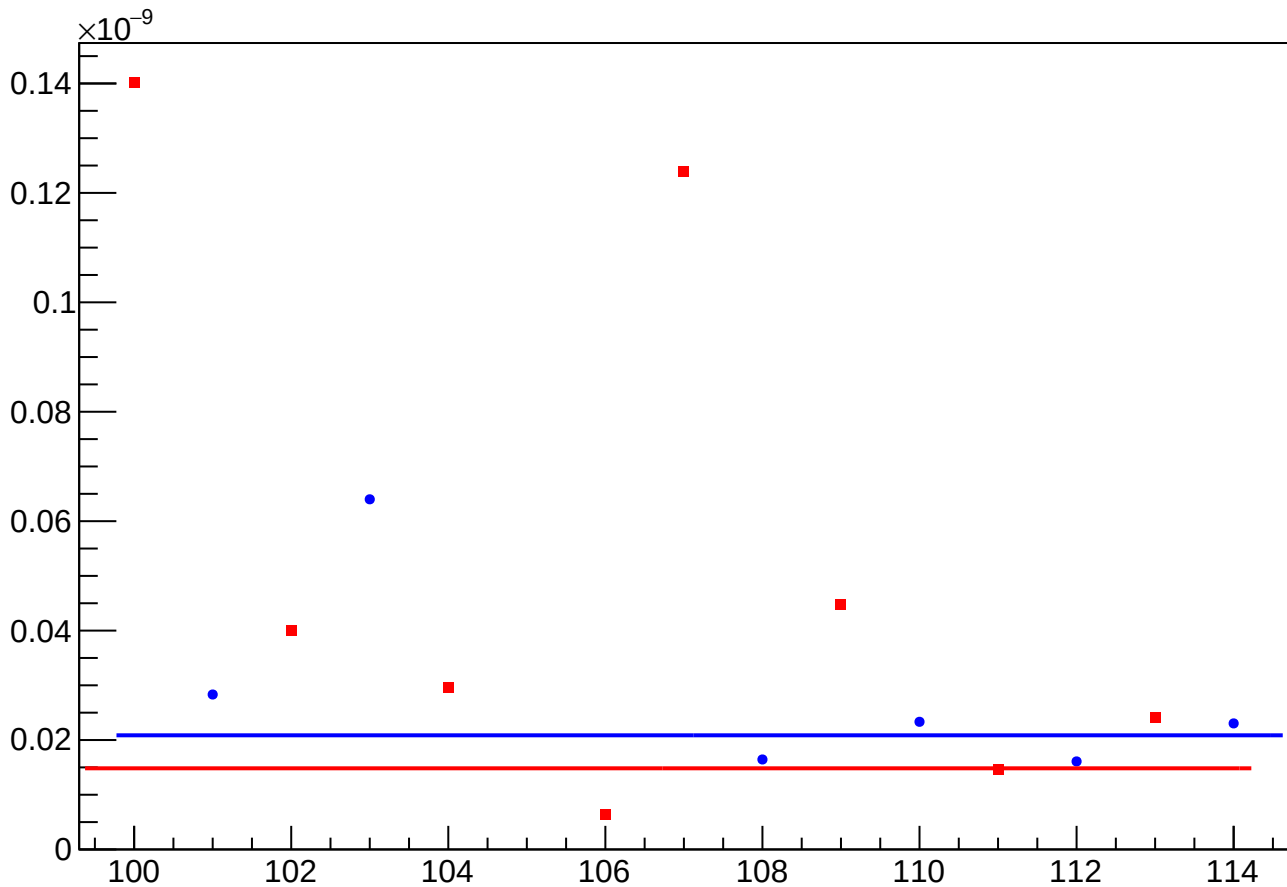
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 448750.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1542766.0/7

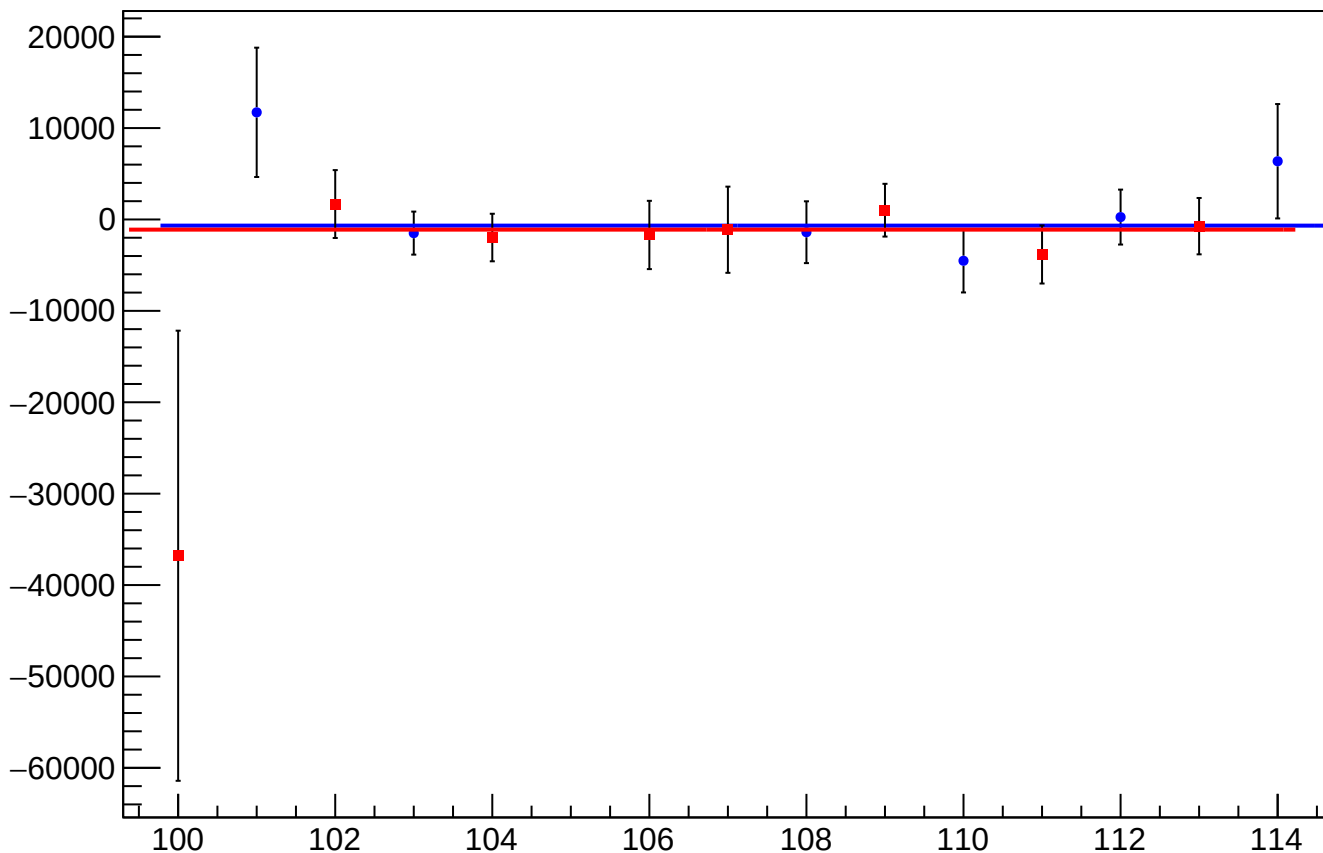
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2124312.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -674.016+/-1403.875 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1112.174+/-1228.185 χ^2/NDF : 4.1/7

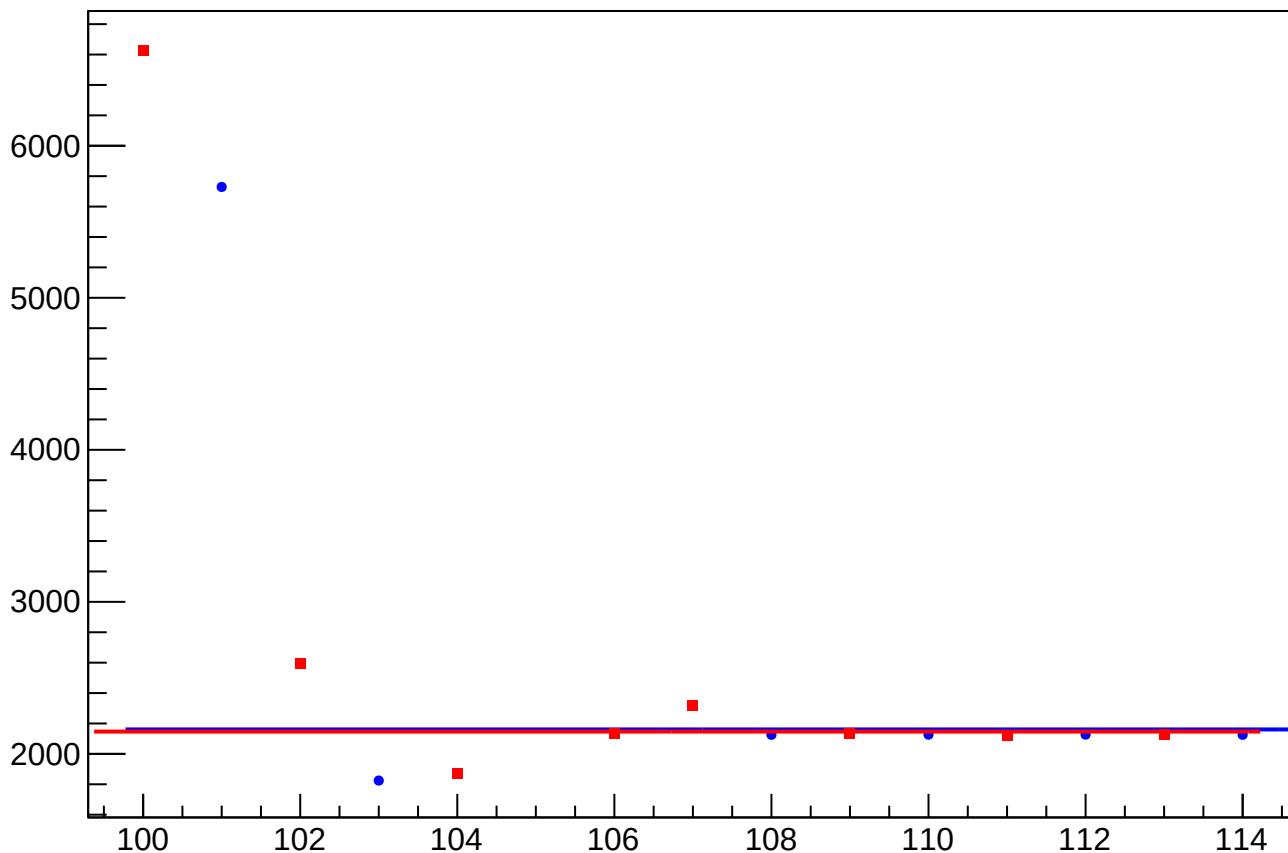
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -922.212+/-924.371 χ^2/NDF : 10.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2160.860+/-0.993 χ^2/NDF : 550286.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2146.738+/-0.868 χ^2/NDF : 120234.9/7

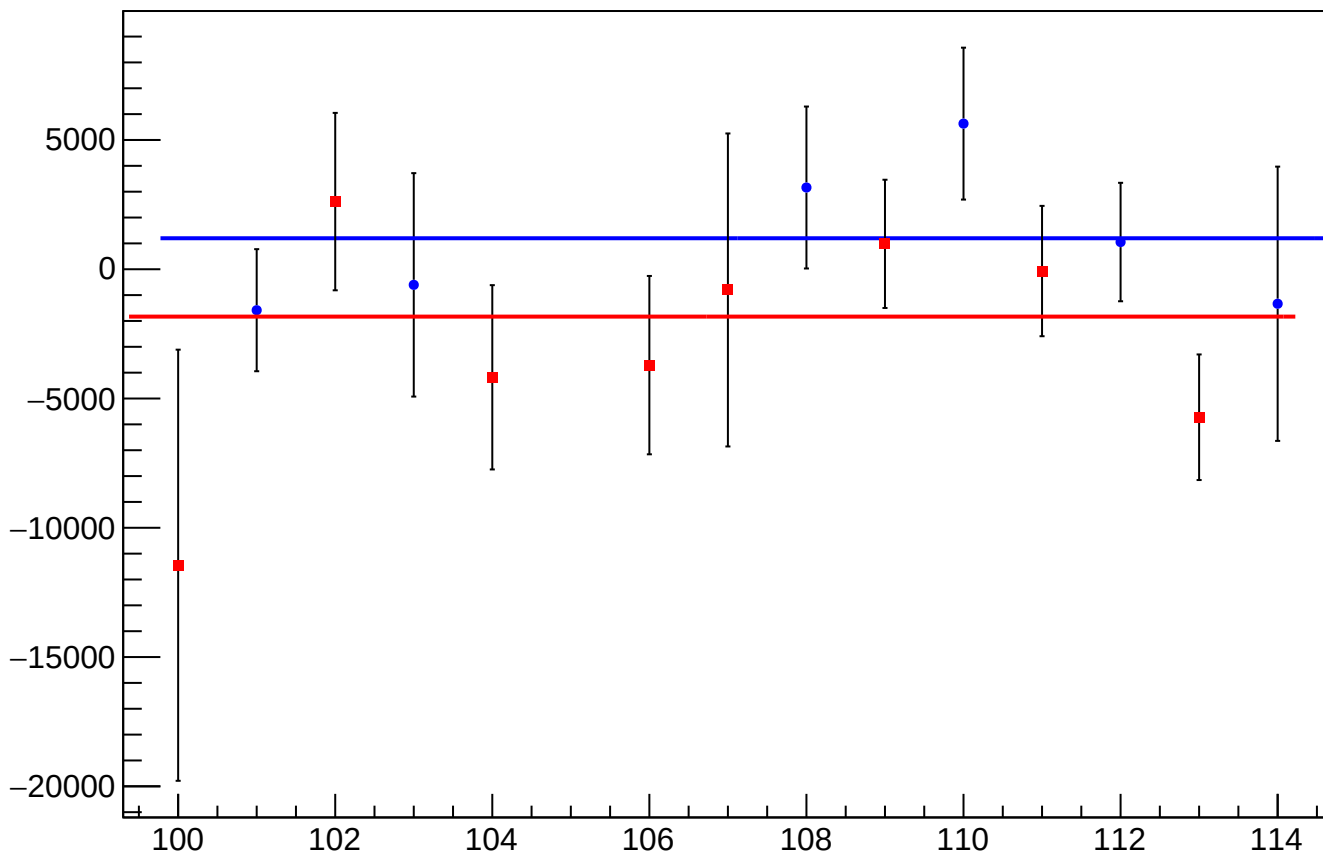
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.860+/-0.654 χ^2/NDF : 670636.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug



Right In: 1198.988+/-1215.478 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1831.690+/-1133.104 χ^2/NDF : 8.1/7

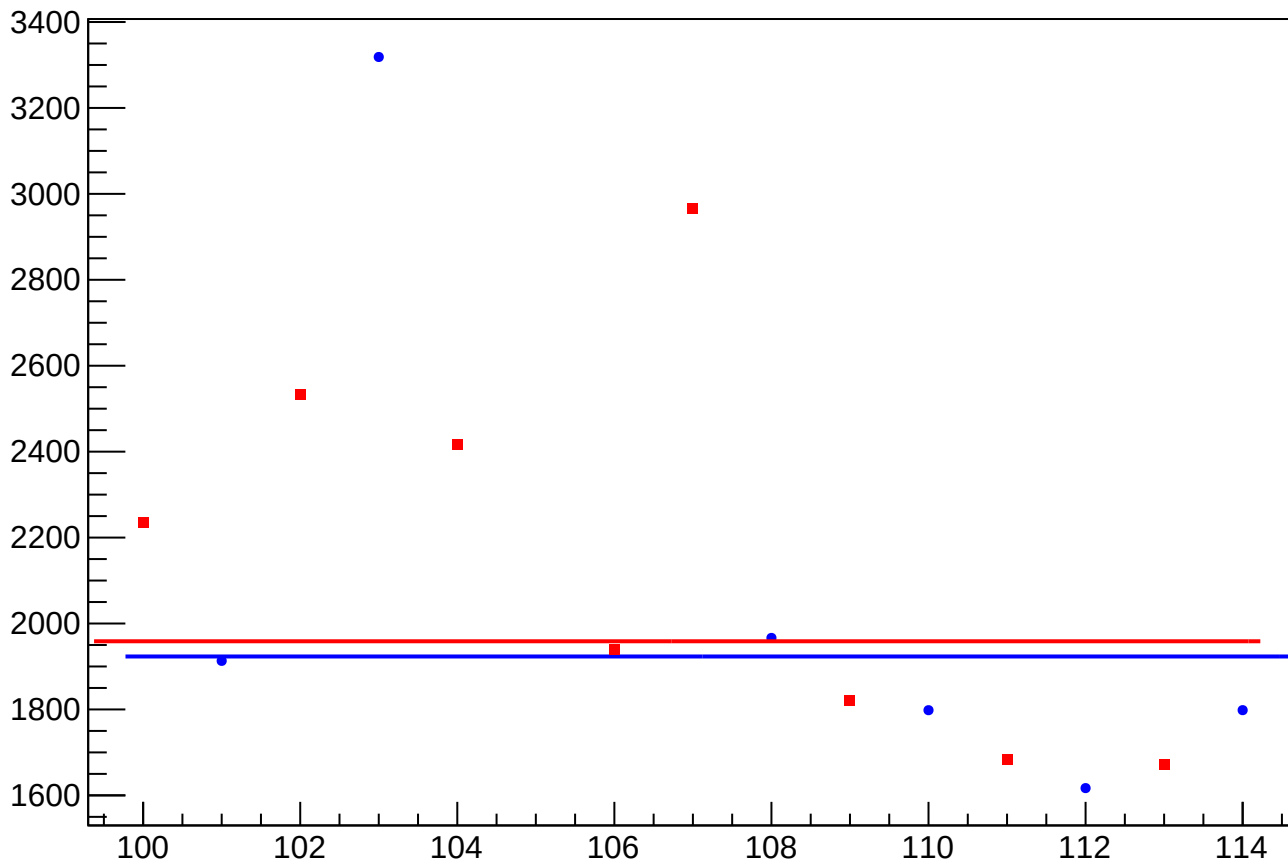
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -422.518+/-828.818 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1923.262+/-0.859 χ^2/NDF : 249446.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1958.668+/-0.801 χ^2/NDF : 204997.2/7

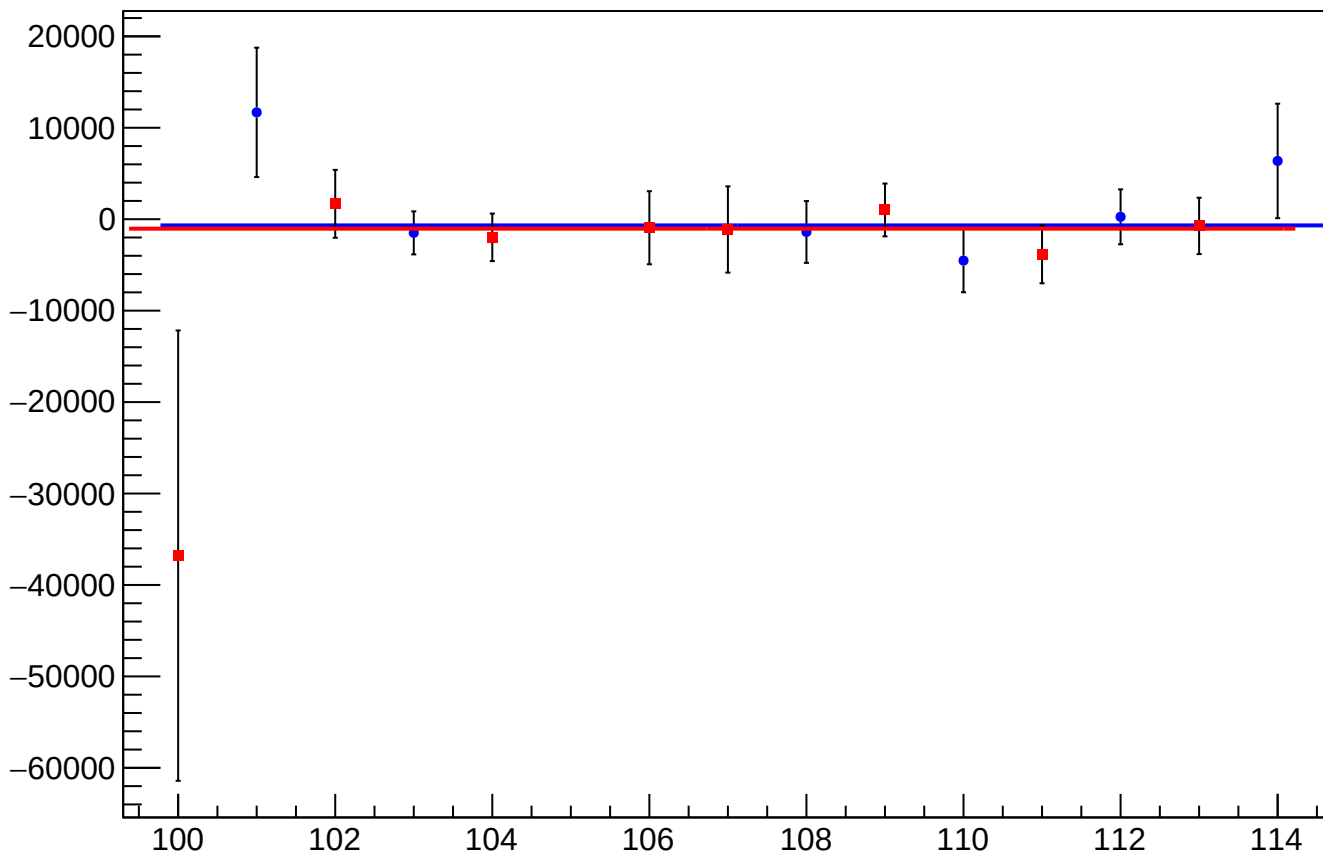
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.205+/-0.586 χ^2/NDF : 455351.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -676.358+/-1403.876 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.553+/-1236.591 χ^2/NDF : 4.1/7

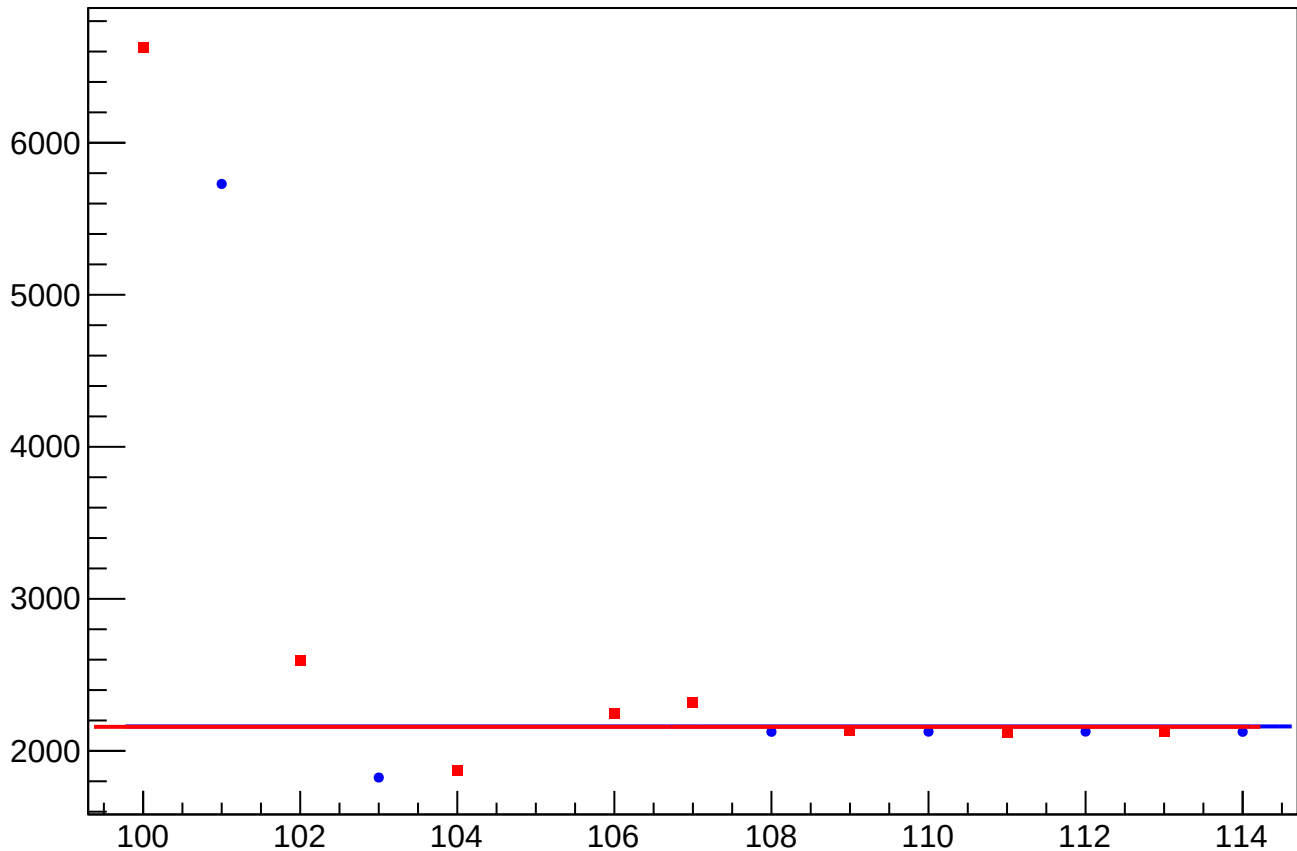
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.932+/-927.939 χ^2/NDF : 9.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2160.860 $\pm$ 0.993 χ^2 /NDF: 550286.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2158.120 $\pm$ 0.874 χ^2 /NDF: 121350.2/7

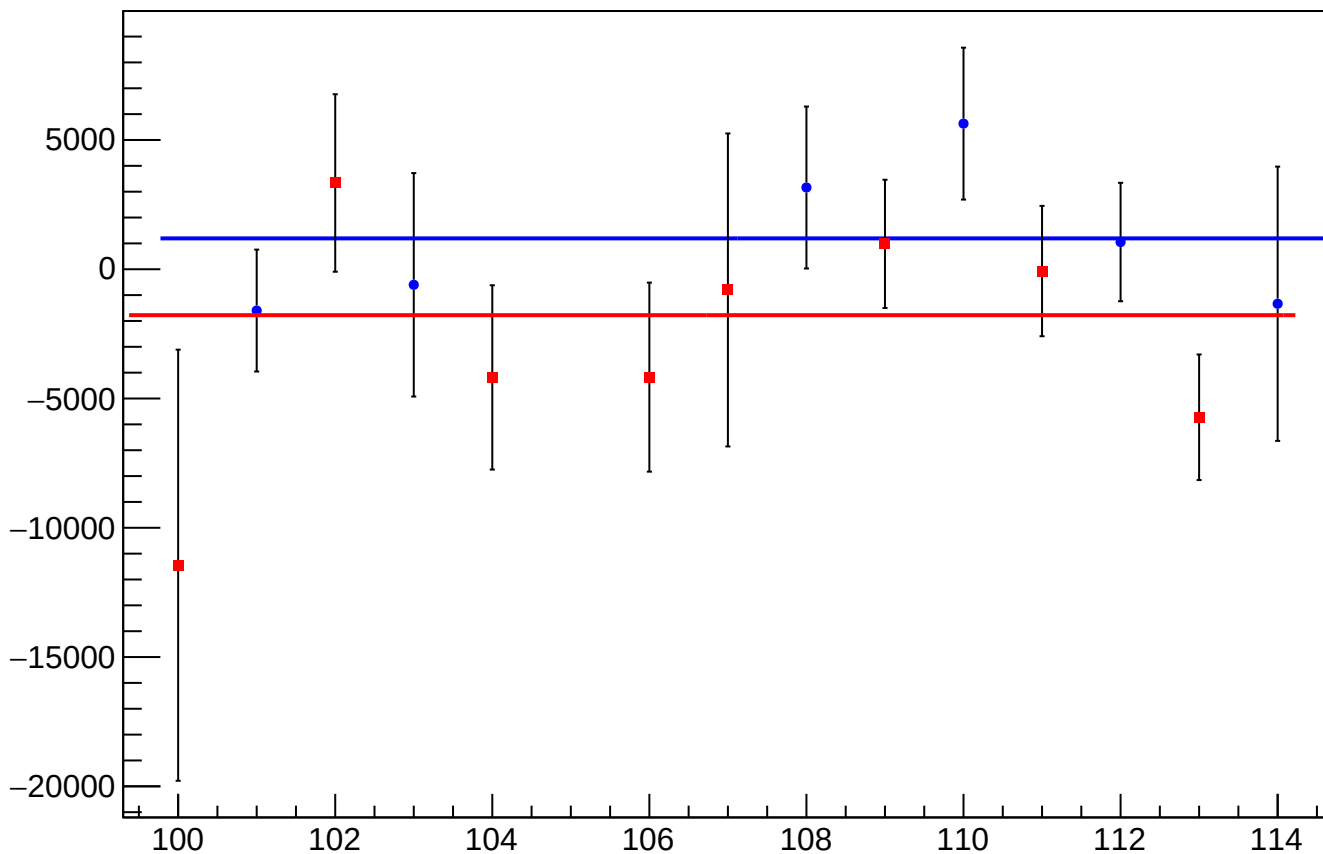
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2159.317 $\pm$ 0.656 χ^2 /NDF: 671641.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug



Right In: 1193.466 $\pm$ 1215.044 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1776.312 $\pm$ 1139.927 χ^2 /NDF: 8.8/7

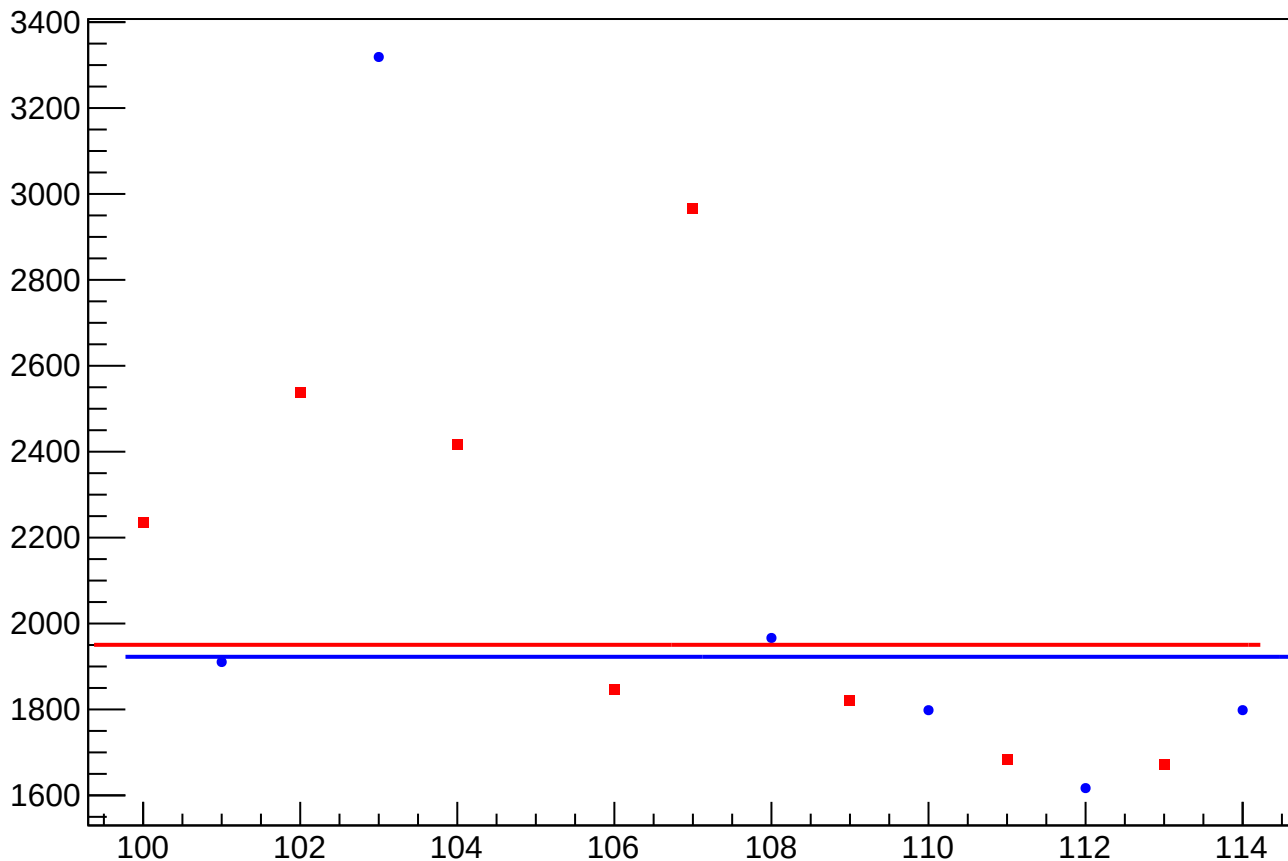
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -386.055 $\pm$ 831.338 χ^2 /NDF: 16.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 1922.555 $\pm$ 0.859 χ^2 /NDF: 249518.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1950.437 $\pm$ 0.806 χ^2 /NDF: 207731.8/7

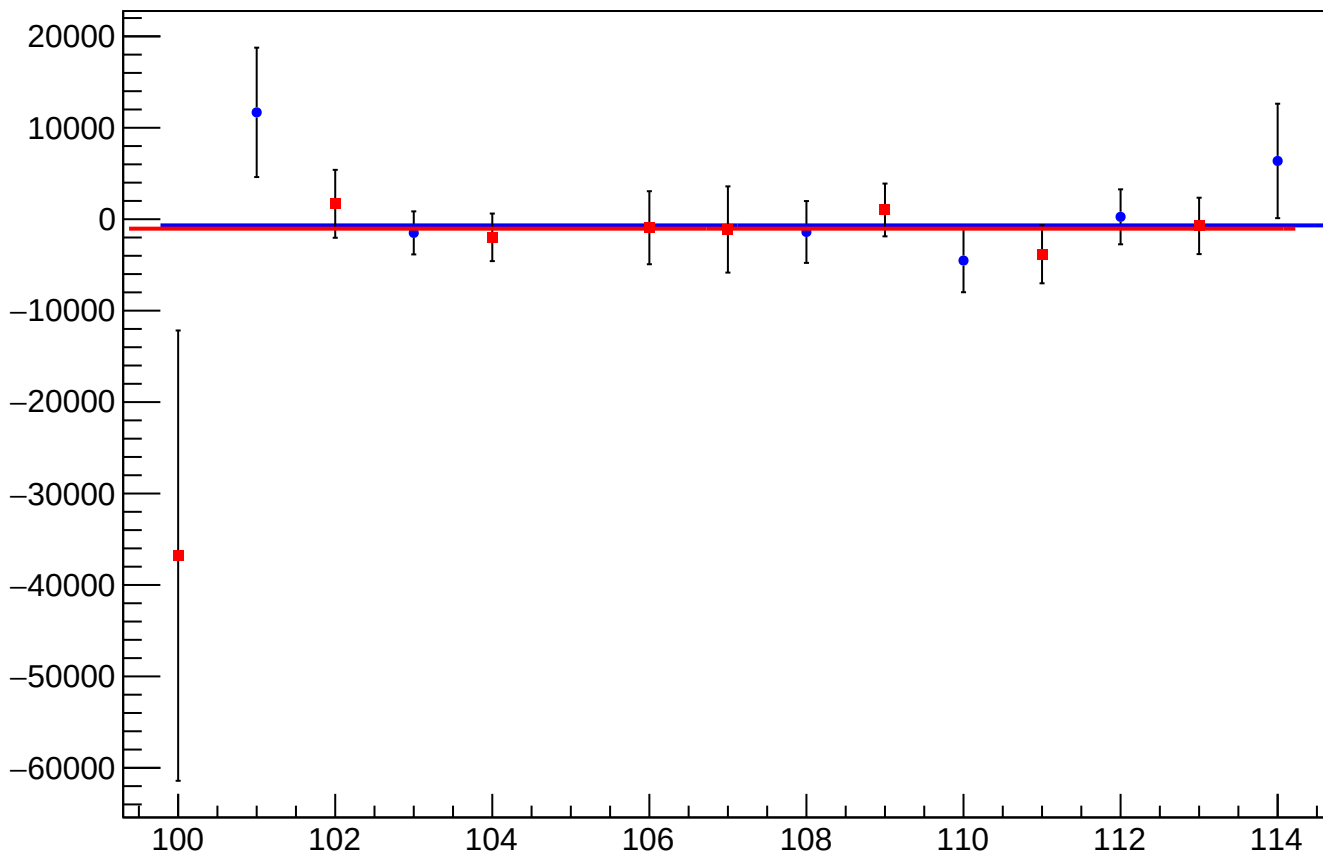
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1937.384 $\pm$ 0.588 χ^2 /NDF: 457810.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -676.358+/-1403.876 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.553+/-1236.591 χ^2/NDF : 4.1/7

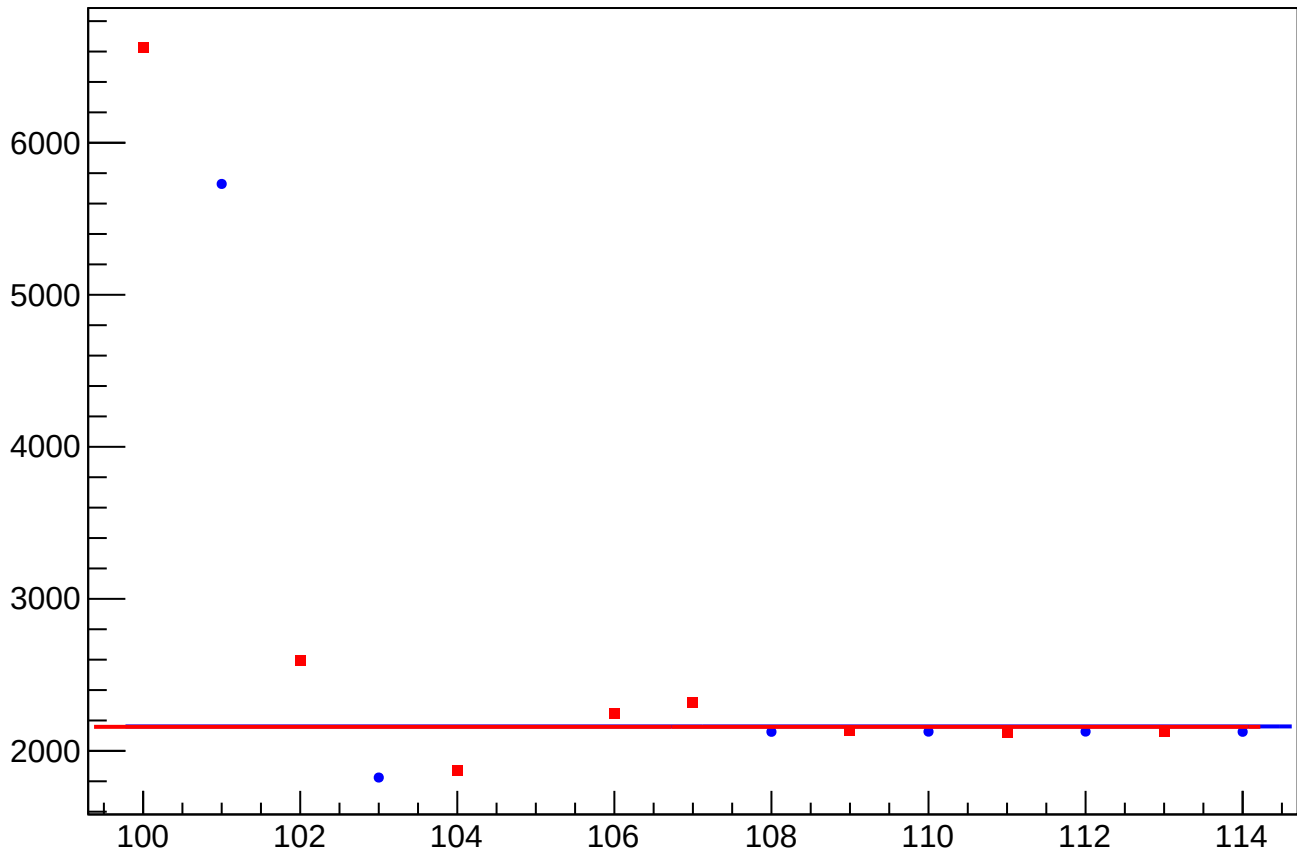
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.932+/-927.939 χ^2/NDF : 9.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2160.860 $\pm$ 0.993 χ^2 /NDF: 550286.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2158.120 $\pm$ 0.874 χ^2 /NDF: 121350.2/7

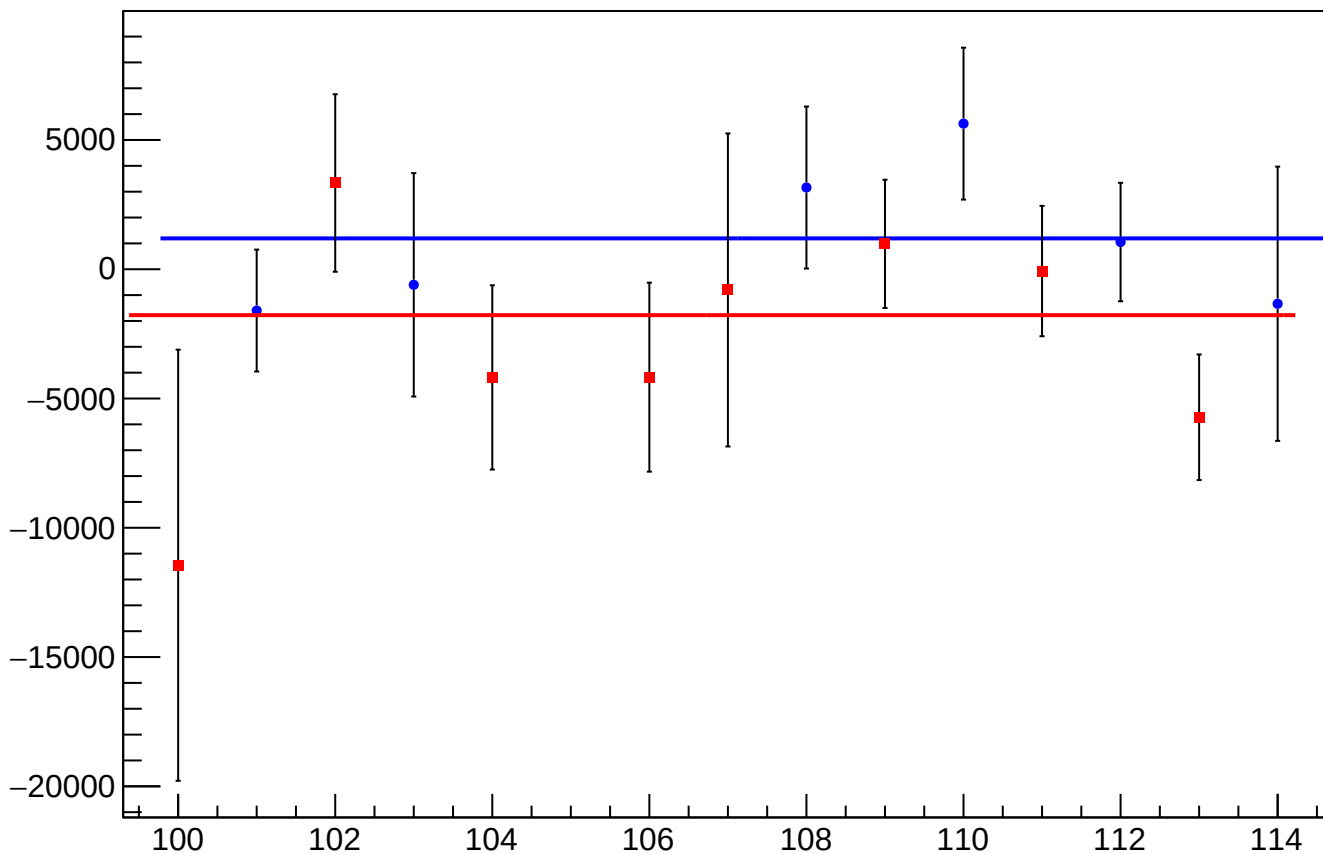
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2159.317 $\pm$ 0.656 χ^2 /NDF: 671641.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 1193.466+/-1215.044 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1776.312+/-1139.927 χ^2/NDF : 8.8/7

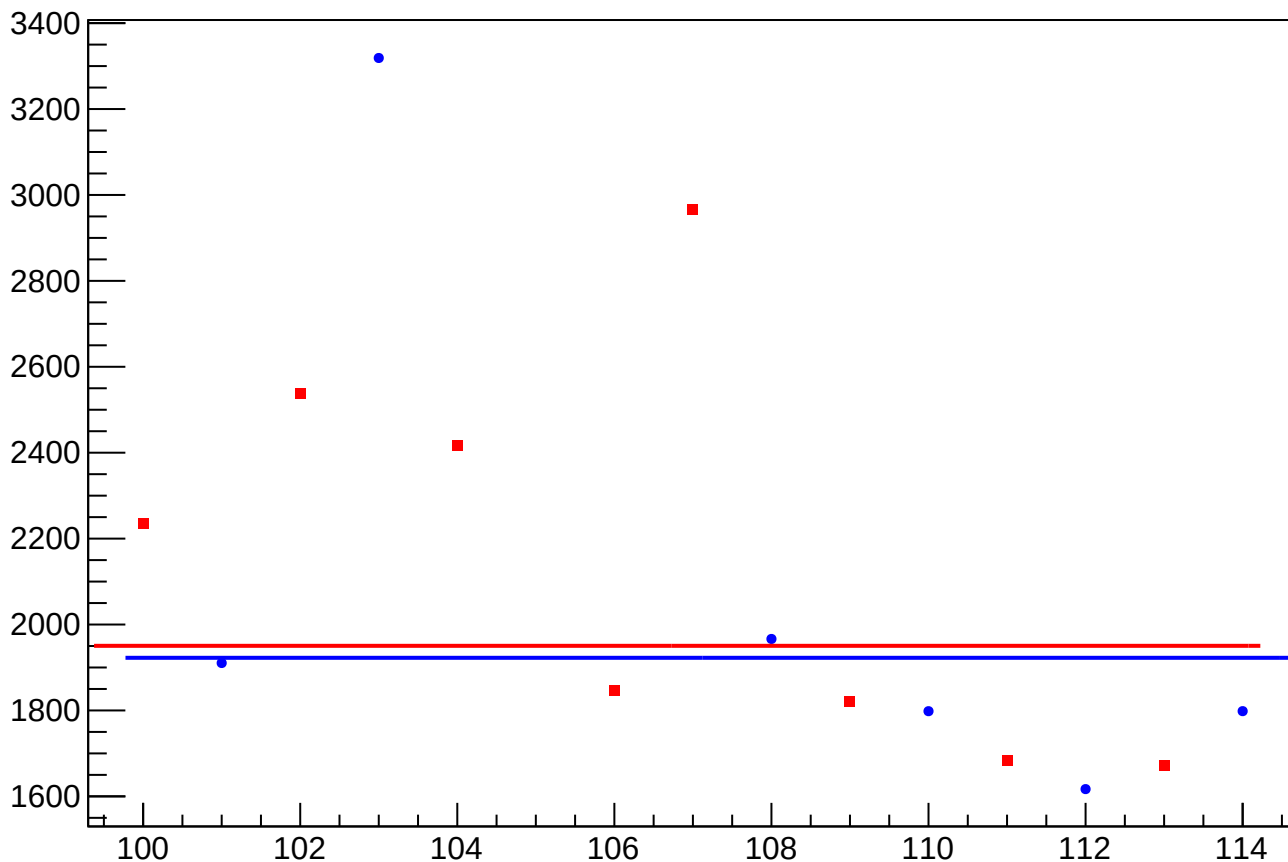
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.055+/-831.338 χ^2/NDF : 16.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1922.555 $\pm$ 0.859 χ^2 /NDF: 249518.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1950.437 $\pm$ 0.806 χ^2 /NDF: 207731.8/7

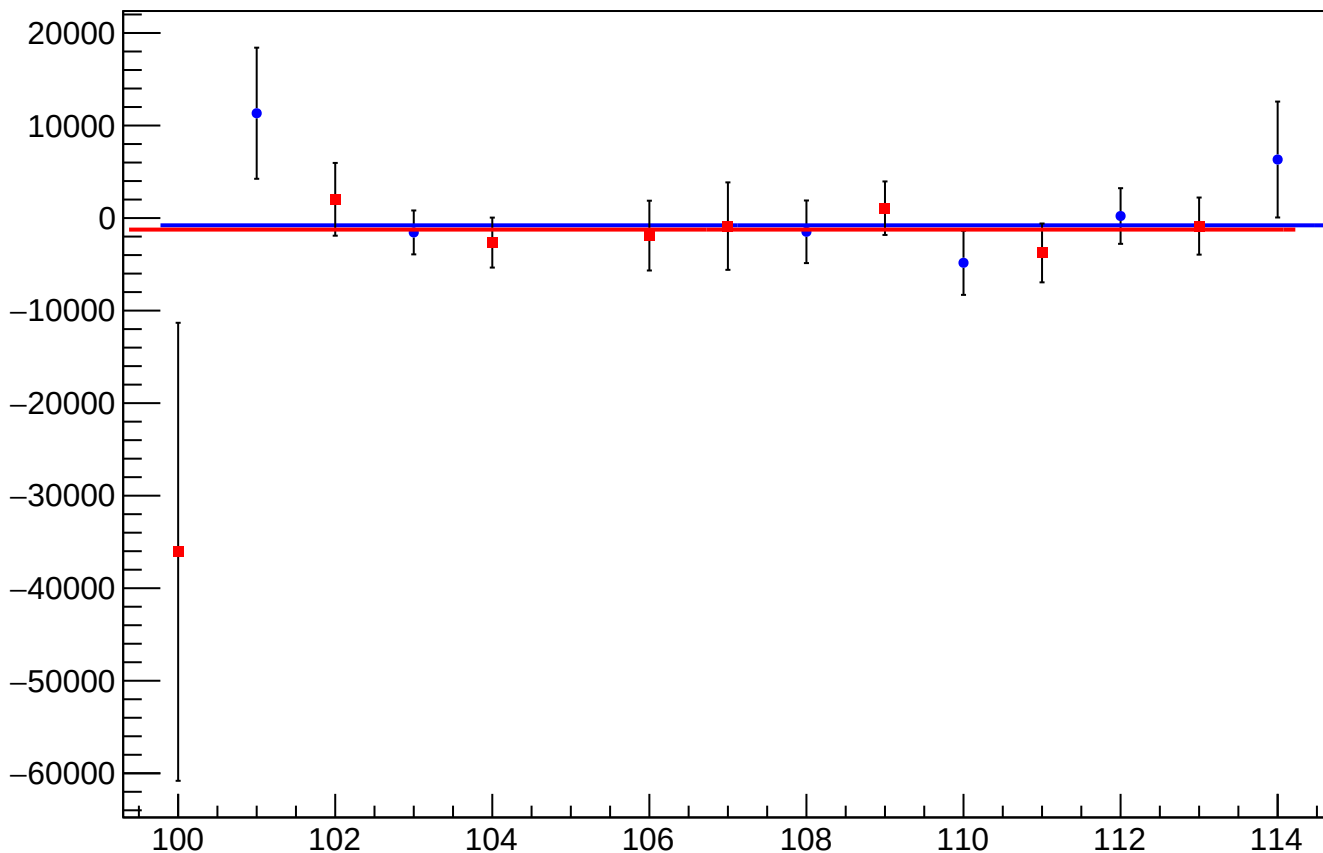
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1937.384 $\pm$ 0.588 χ^2 /NDF: 457810.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -784.685 ± 1408.384 χ^2/NDF : 5.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1245.344 ± 1247.901 χ^2/NDF : 4.3/7

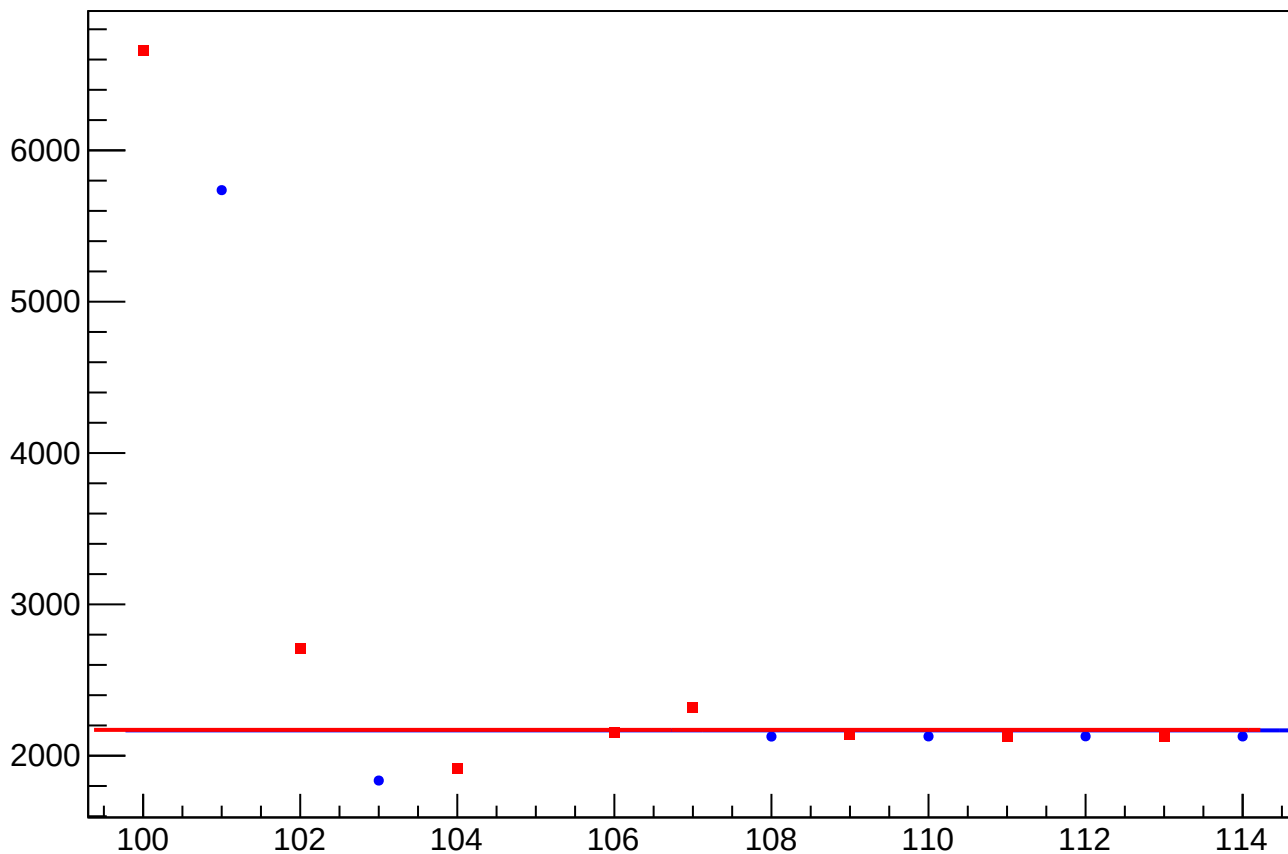
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1042.745 ± 934.008 χ^2/NDF : 10.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2167.436 $\pm$ 0.996 χ^2 /NDF: 547729.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

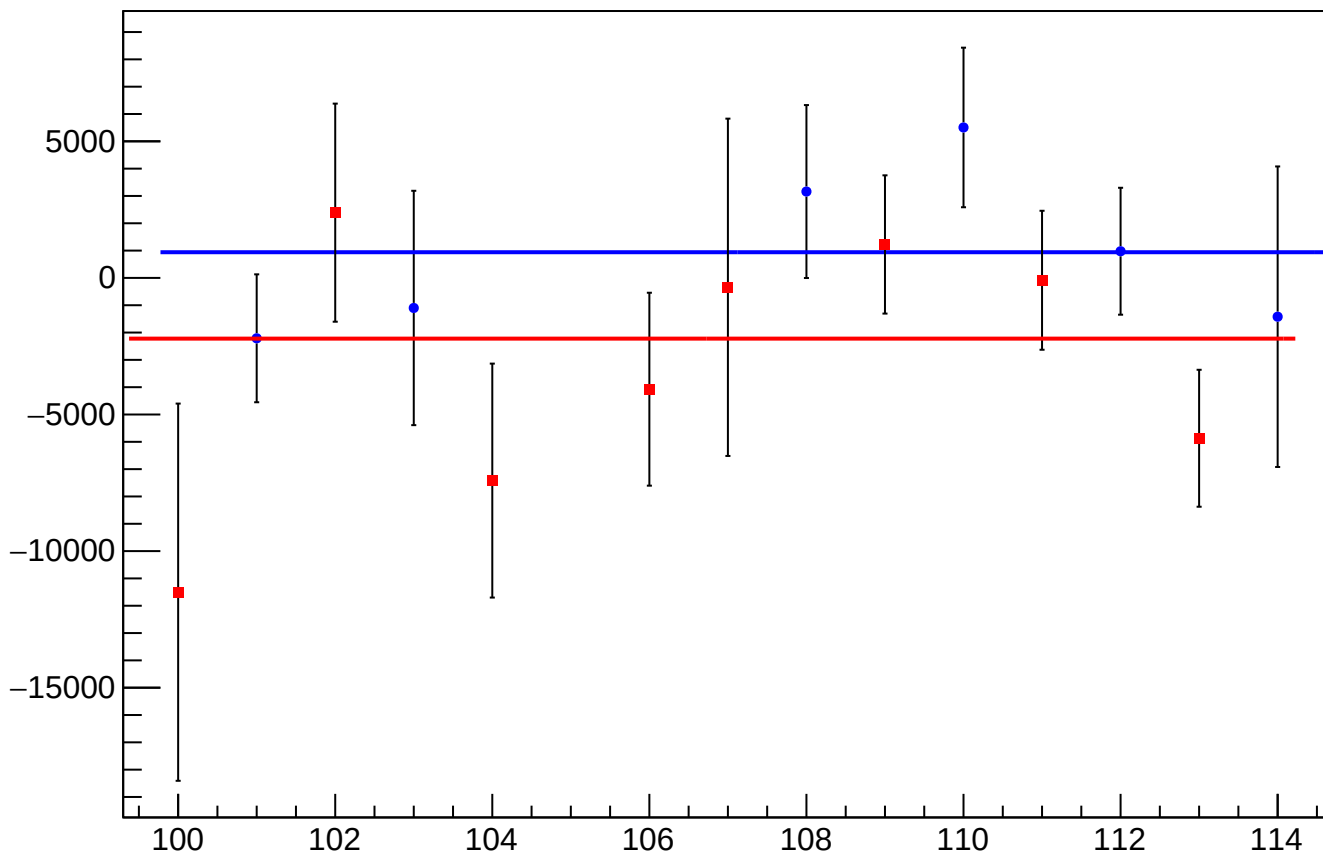
Right Out: 2170.738 $\pm$ 0.882 χ^2 /NDF: 124763.2/7

All: 2169.286 $\pm$ 0.660 χ^2 /NDF: 672498.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug



Right In: 940.266+/-1219.704 χ^2/NDF : 5.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2222.304+/-1182.895 χ^2/NDF : 9.7/7

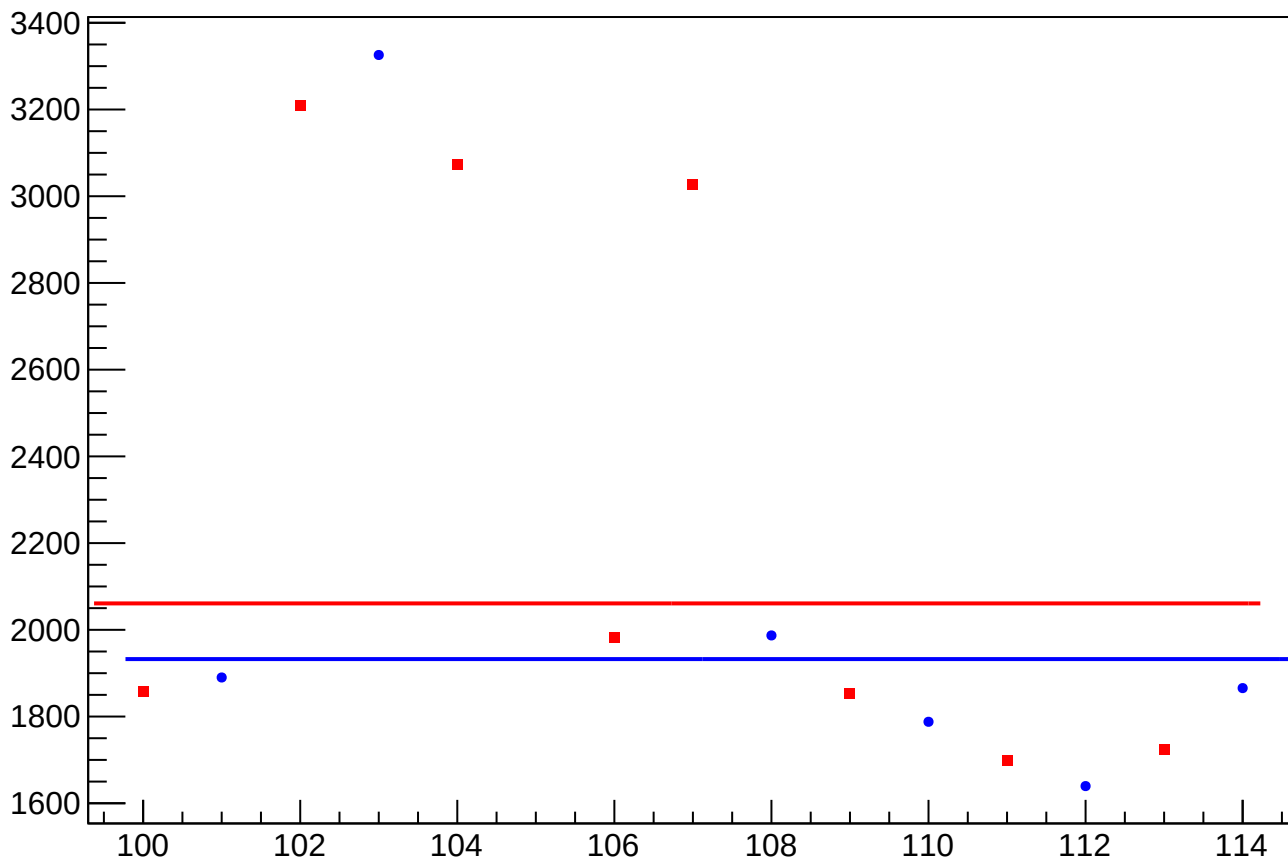
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -689.460+/-849.148 χ^2/NDF : 18.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



Right In: 1932.516 $\pm$ 0.862 χ^2 /NDF: 249280.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

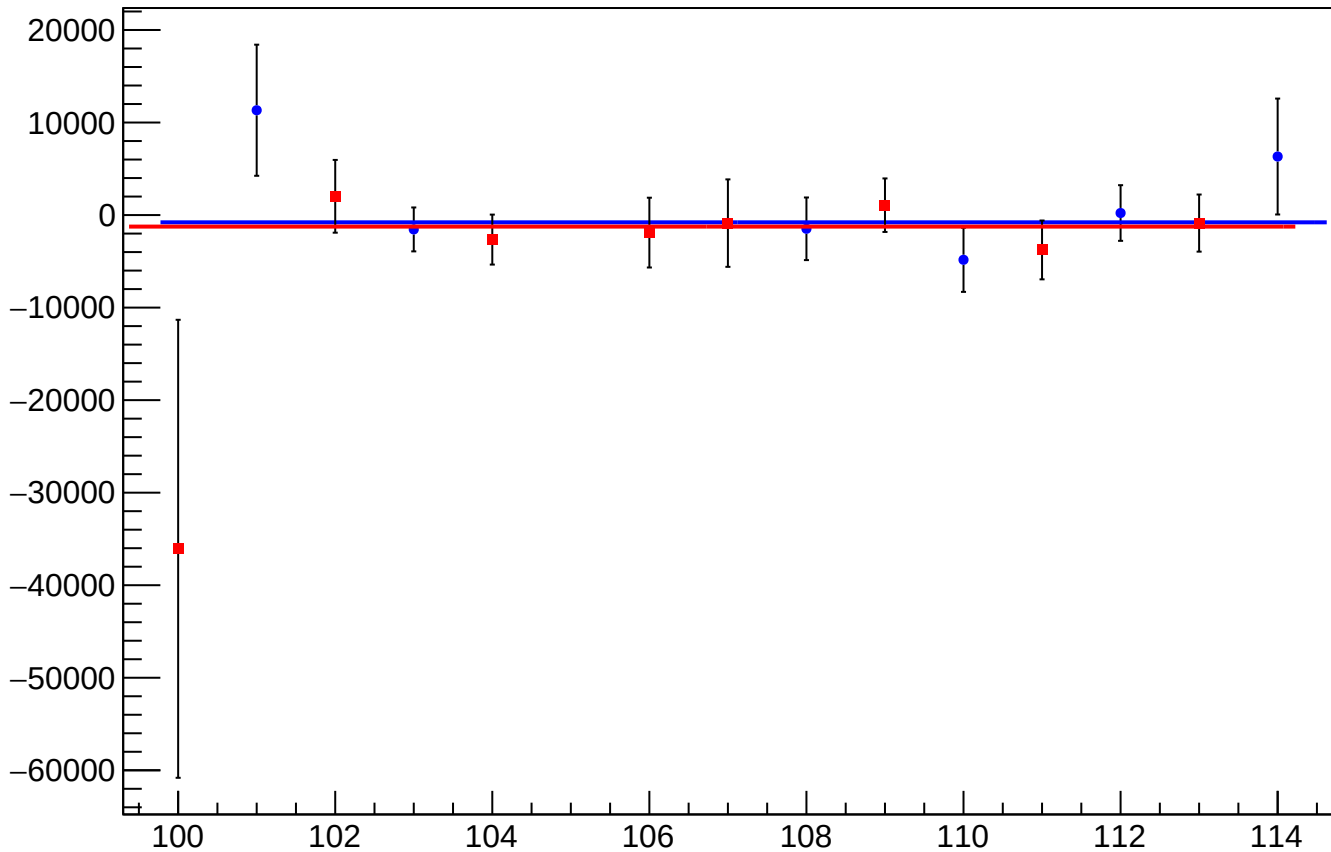
Right Out: 2060.927 $\pm$ 0.836 χ^2 /NDF: 419215.9/7

All: 1998.688 $\pm$ 0.600 χ^2 /NDF: 679919.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -784.685+/-1408.384 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1245.344+/-1247.901 χ^2/NDF : 4.3/7

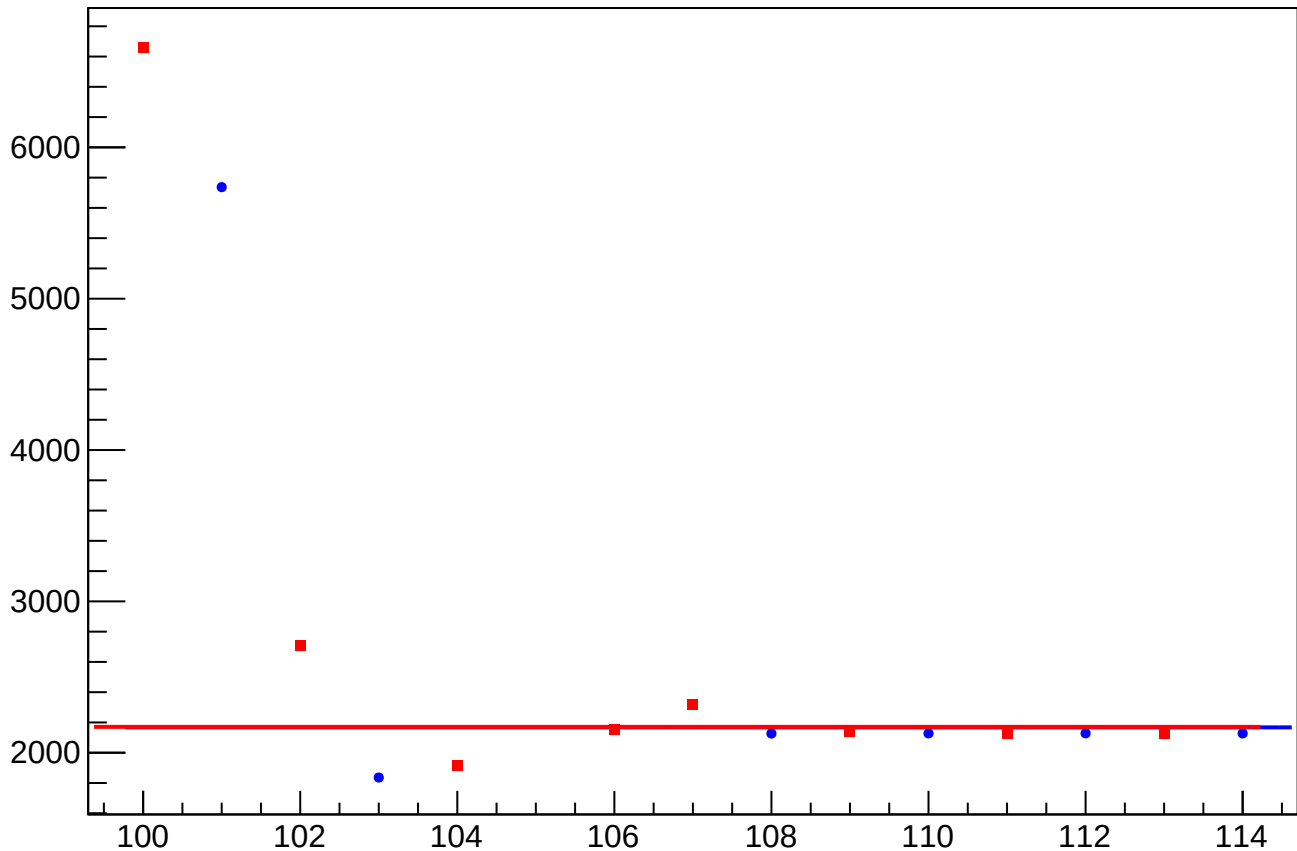
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1042.744+/-934.007 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2167.436 $\pm$ 0.996 χ^2 /NDF: 547729.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

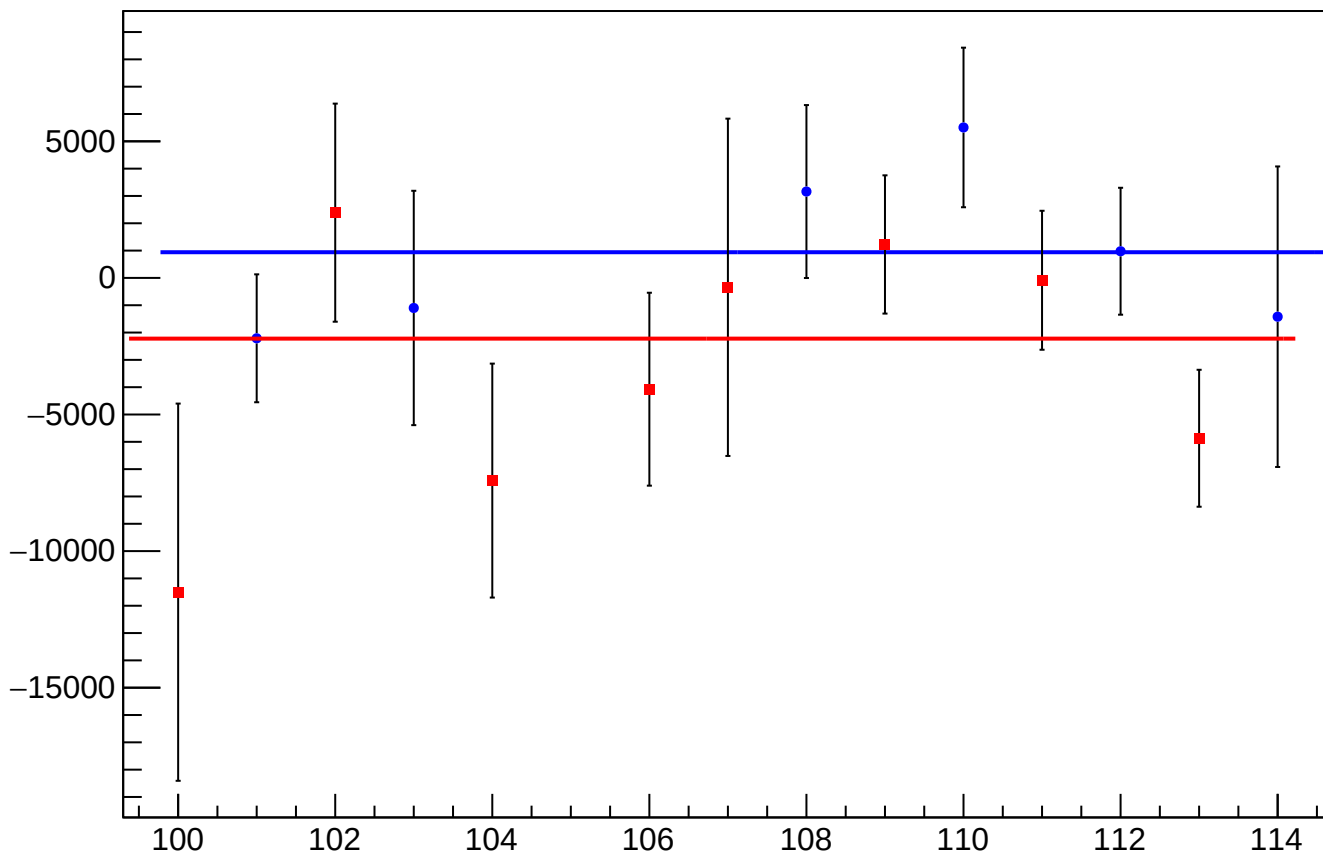
Right Out: 2170.738 $\pm$ 0.882 χ^2 /NDF: 124763.2/7

All: 2169.286 $\pm$ 0.660 χ^2 /NDF: 672498.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 940.267+/-1219.701 χ^2 /NDF: 5.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2222.299+/-1182.893 χ^2 /NDF: 9.7/7

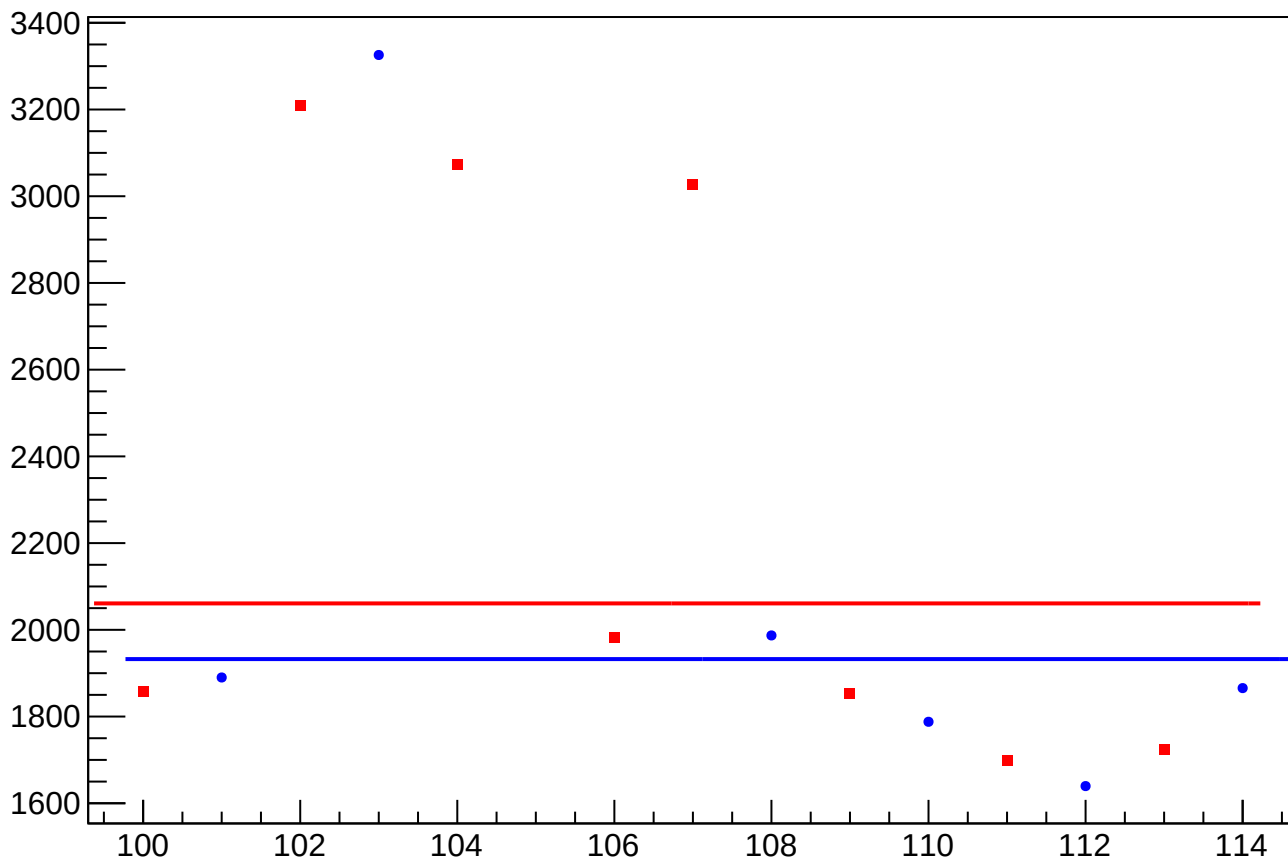
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -689.456+/-849.146 χ^2 /NDF: 18.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1932.512 $\pm$ 0.862 χ^2 /NDF: 249282.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2060.924 $\pm$ 0.836 χ^2 /NDF: 419221.5/7

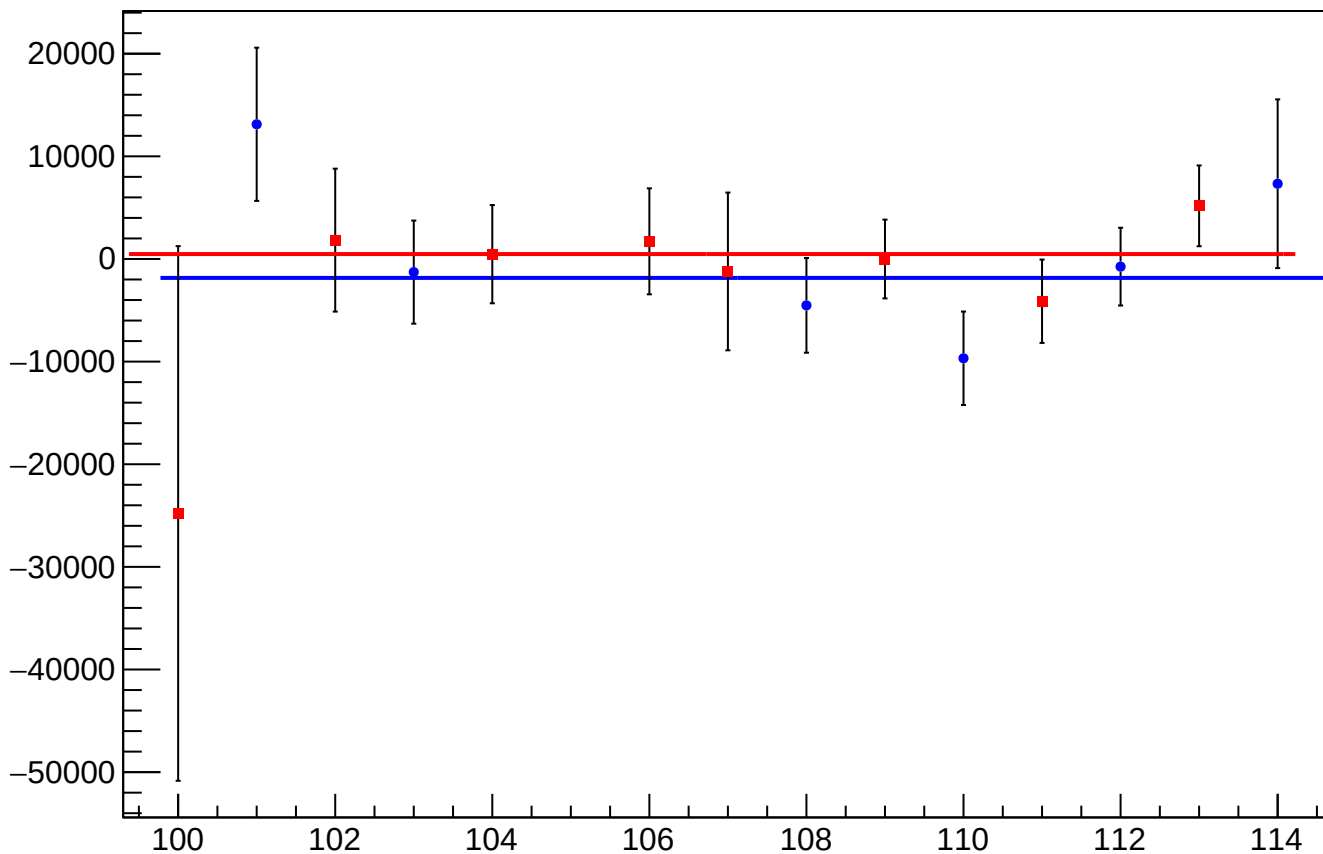
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1998.685 $\pm$ 0.600 χ^2 /NDF: 679927.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -1844.671+/-2053.038 χ^2 /NDF: 8.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 477.820+/-1786.528 χ^2 /NDF: 3.8/7

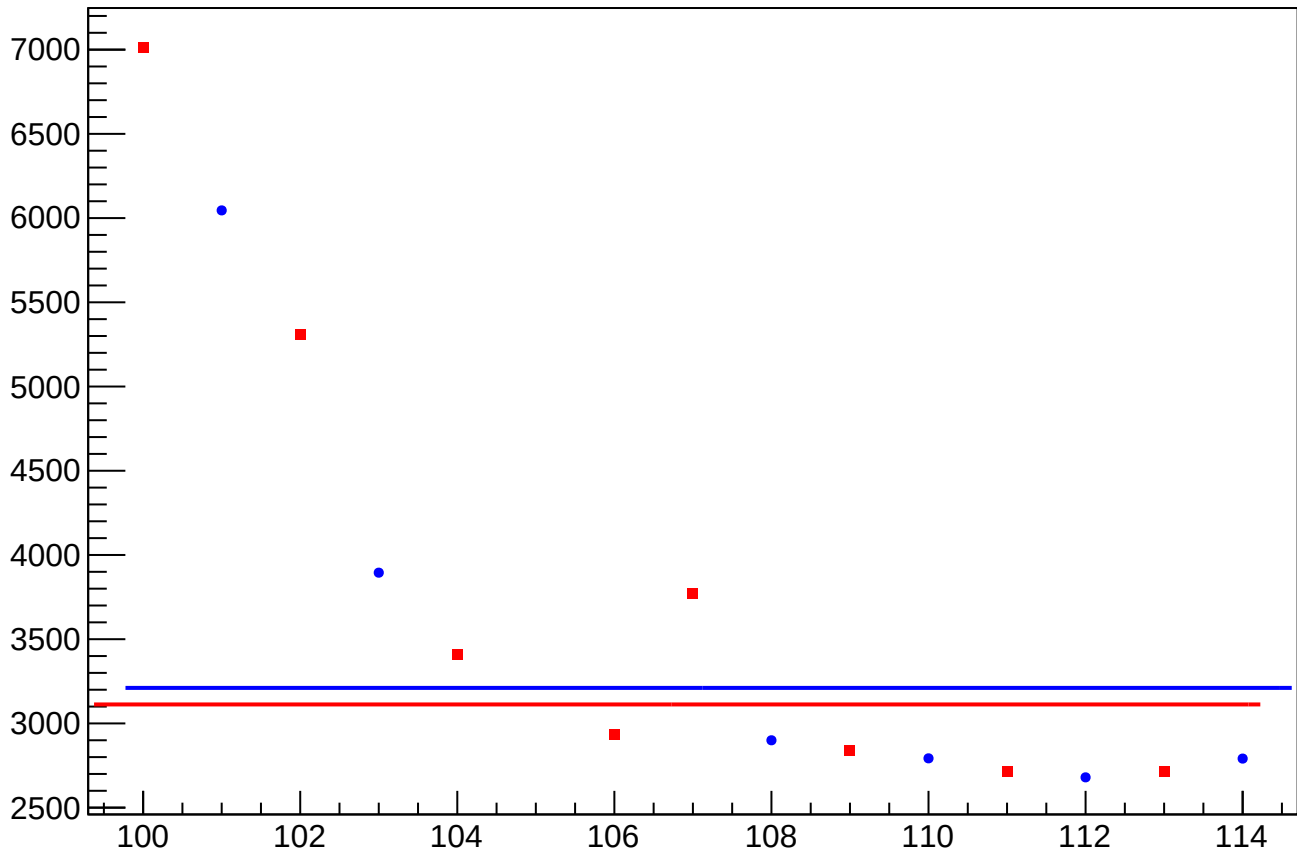
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -522.991+/-1347.708 χ^2 /NDF: 13.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 3210.906 $\pm$ 1.452 χ^2 /NDF: 396011.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3112.648 $\pm$ 1.263 χ^2 /NDF: 318899.0/7

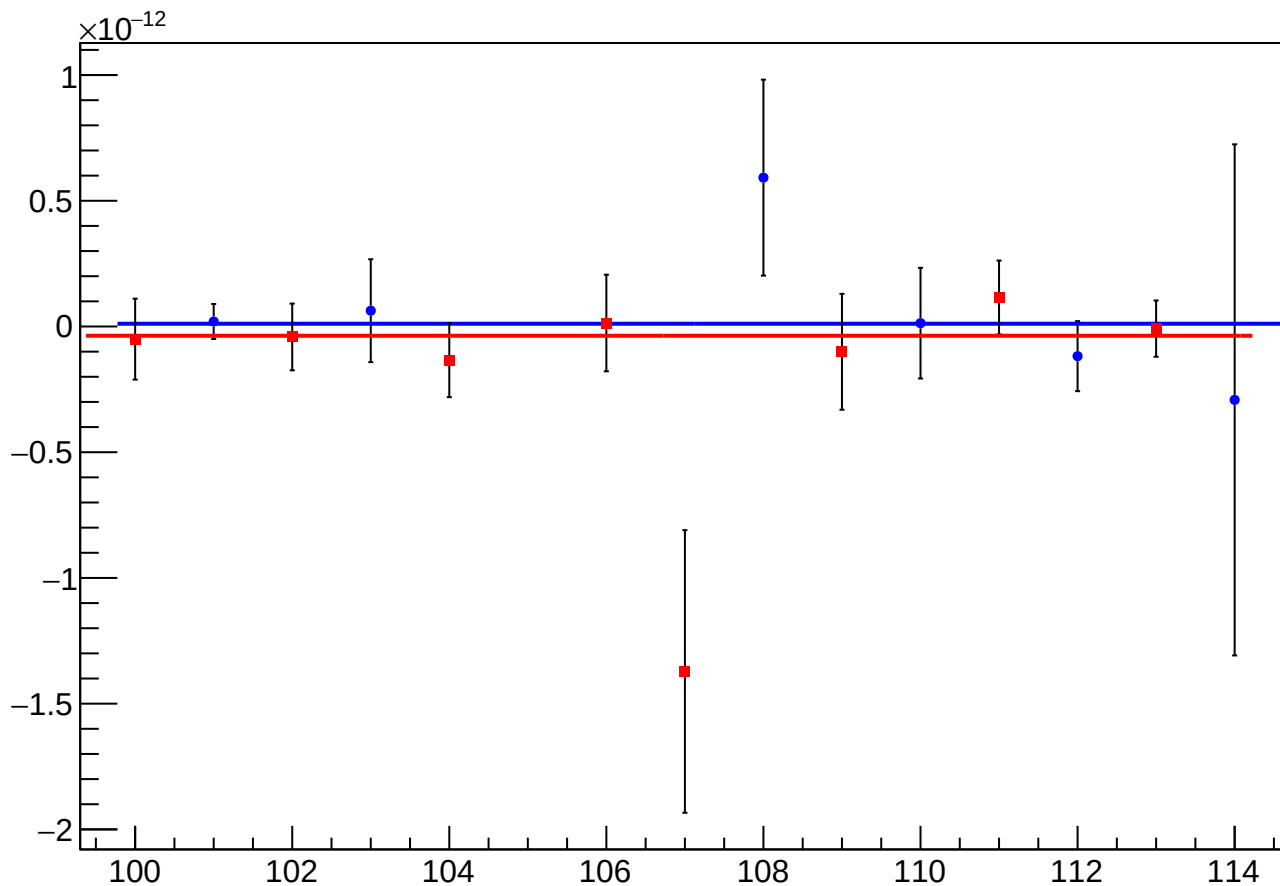
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3154.989 $\pm$ 0.953 χ^2 /NDF: 717517.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 7.4/7

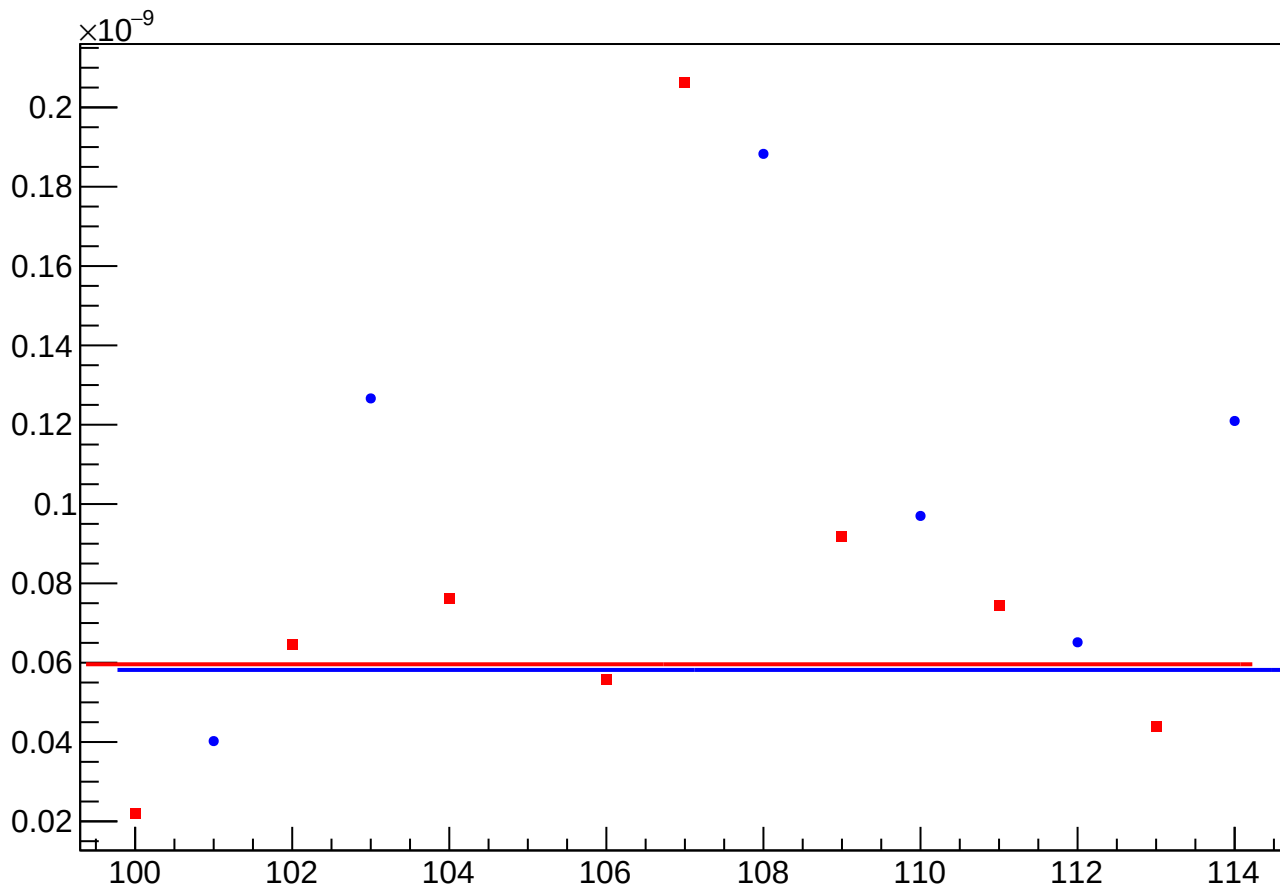
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 11.0/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 655001.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 372061.9/7

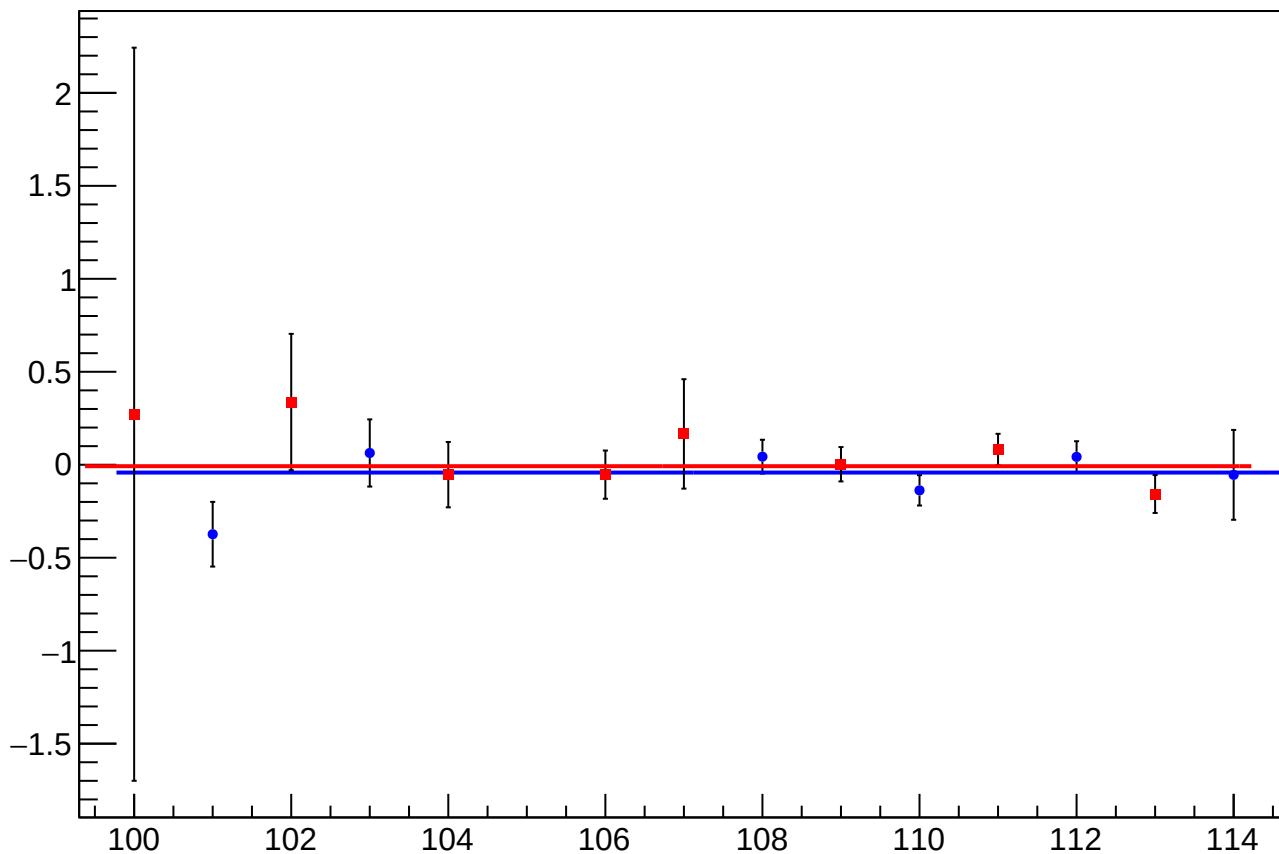
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1027699.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.042 $\pm$ 0.045 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

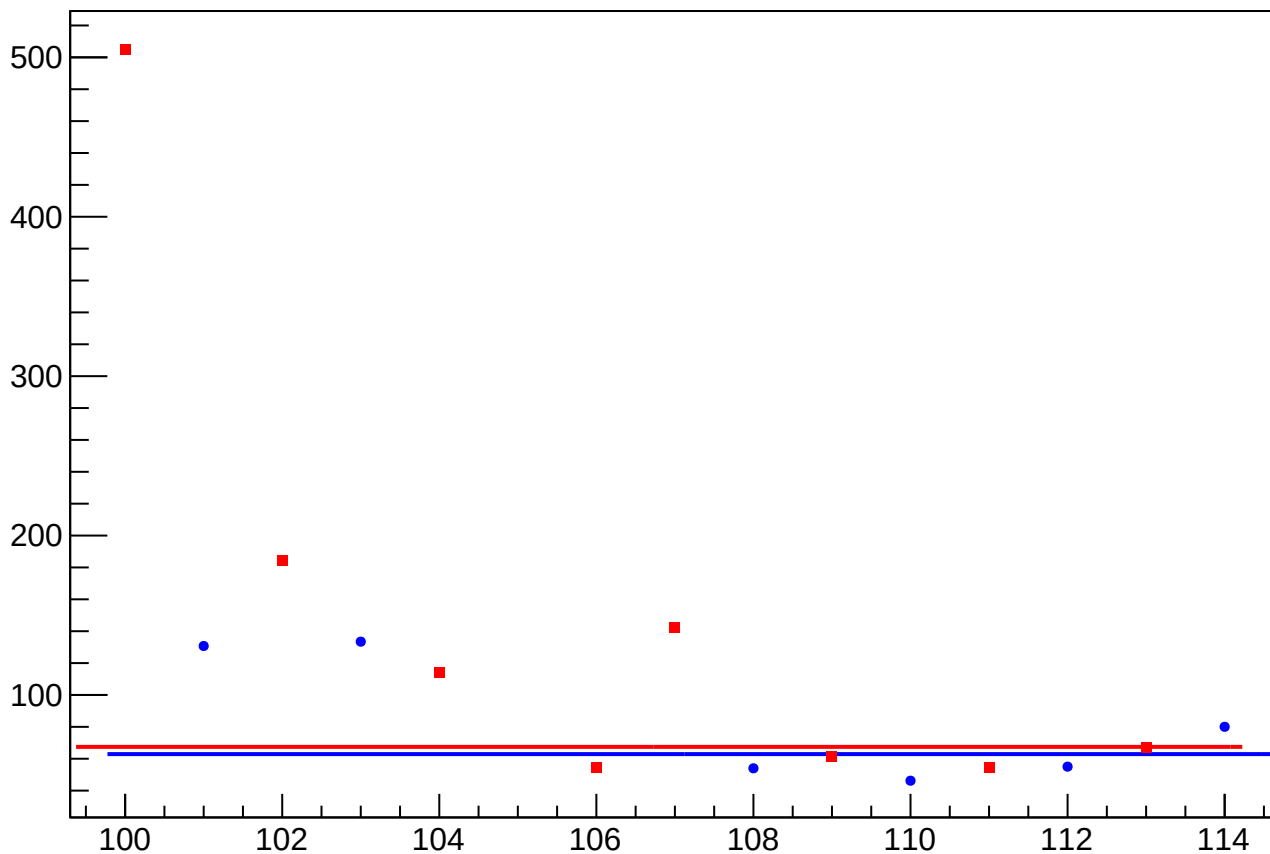
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.032 χ^2 /NDF: 12.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 62.899+/-0.032 χ^2/NDF : 739101.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.439+/-0.033 χ^2/NDF : 648817.0/7

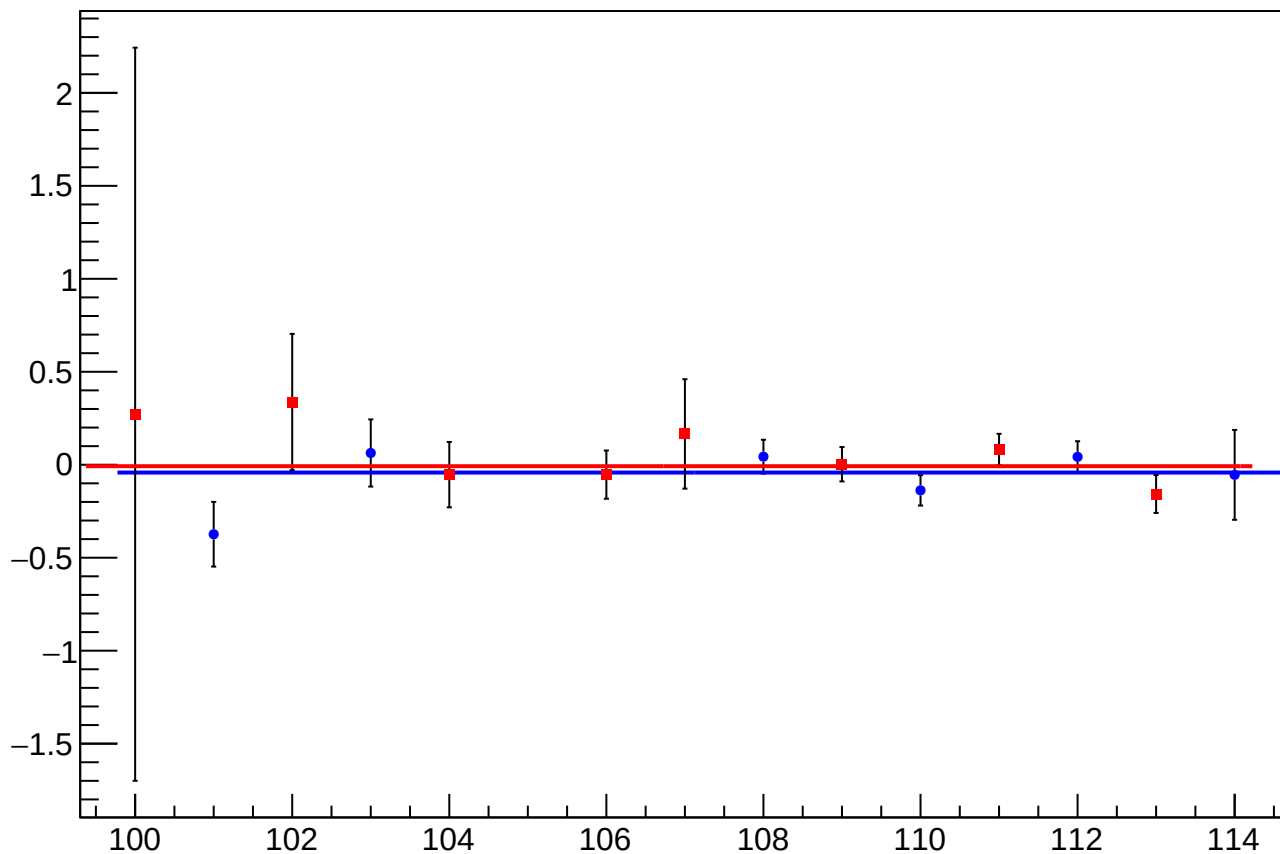
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.104+/-0.023 χ^2/NDF : 1397796.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.042 $\pm$ 0.045 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

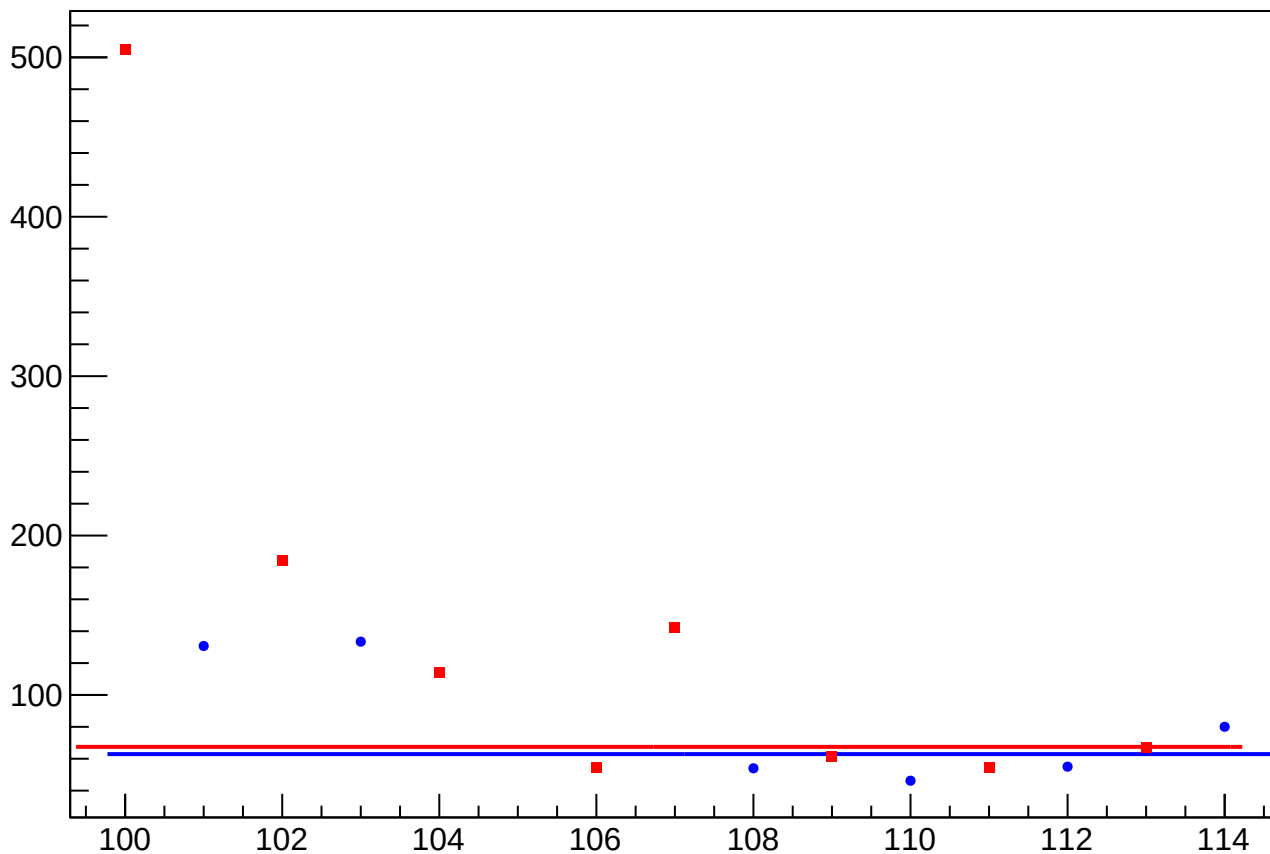
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.032 χ^2 /NDF: 12.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.899 $\pm$ 0.032 χ^2 /NDF: 739101.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.439 $\pm$ 0.033 χ^2 /NDF: 648817.0/7

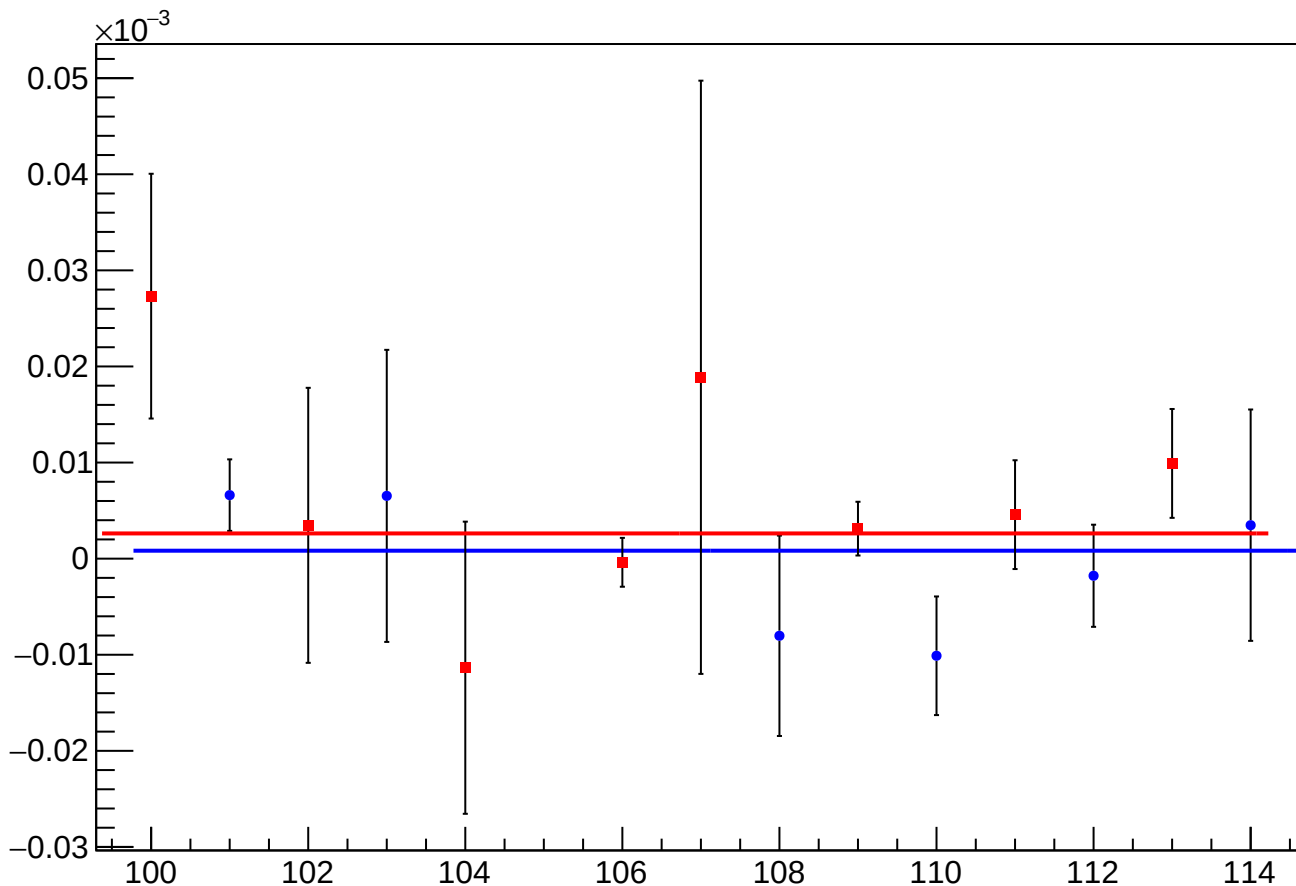
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.104 $\pm$ 0.023 χ^2 /NDF: 1397796.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/7

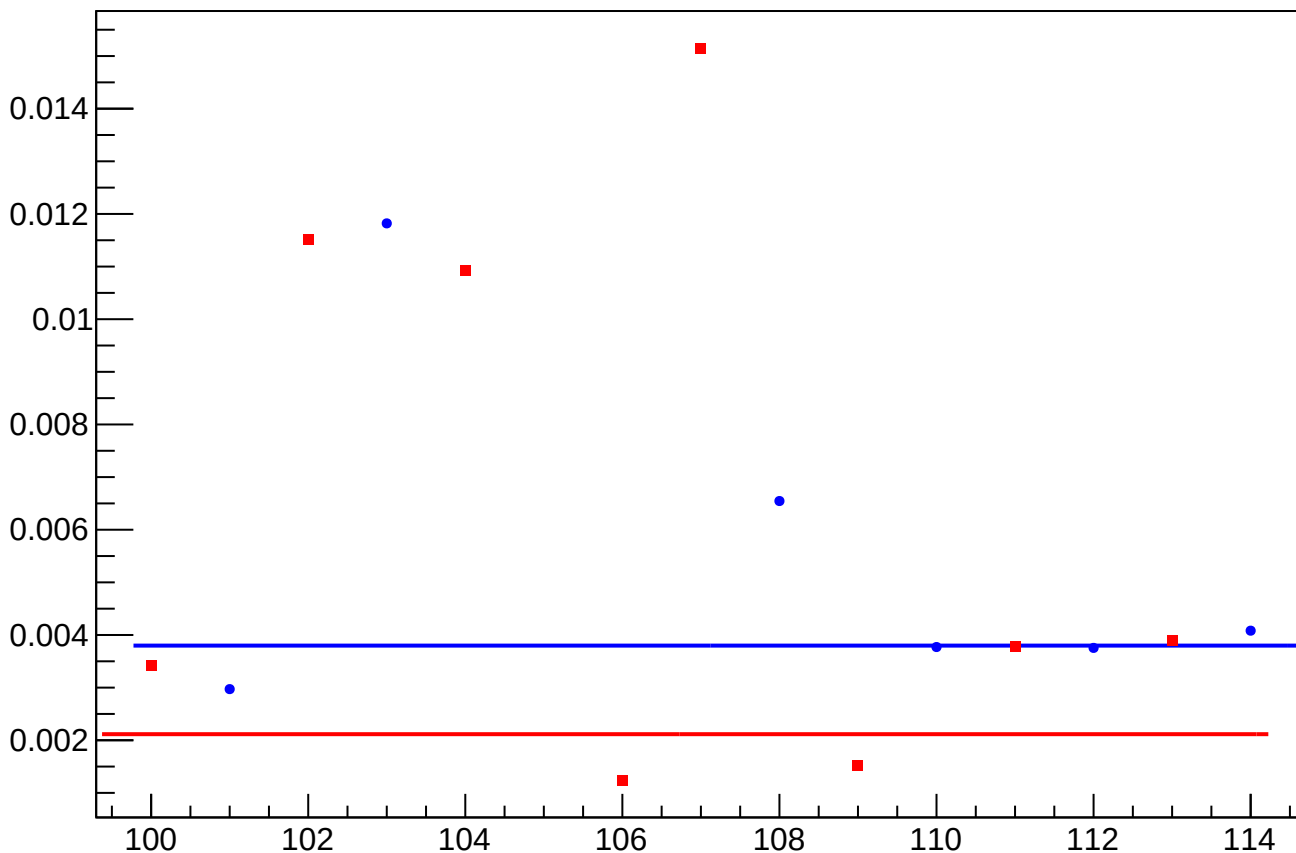
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 796165.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2618430.4/7

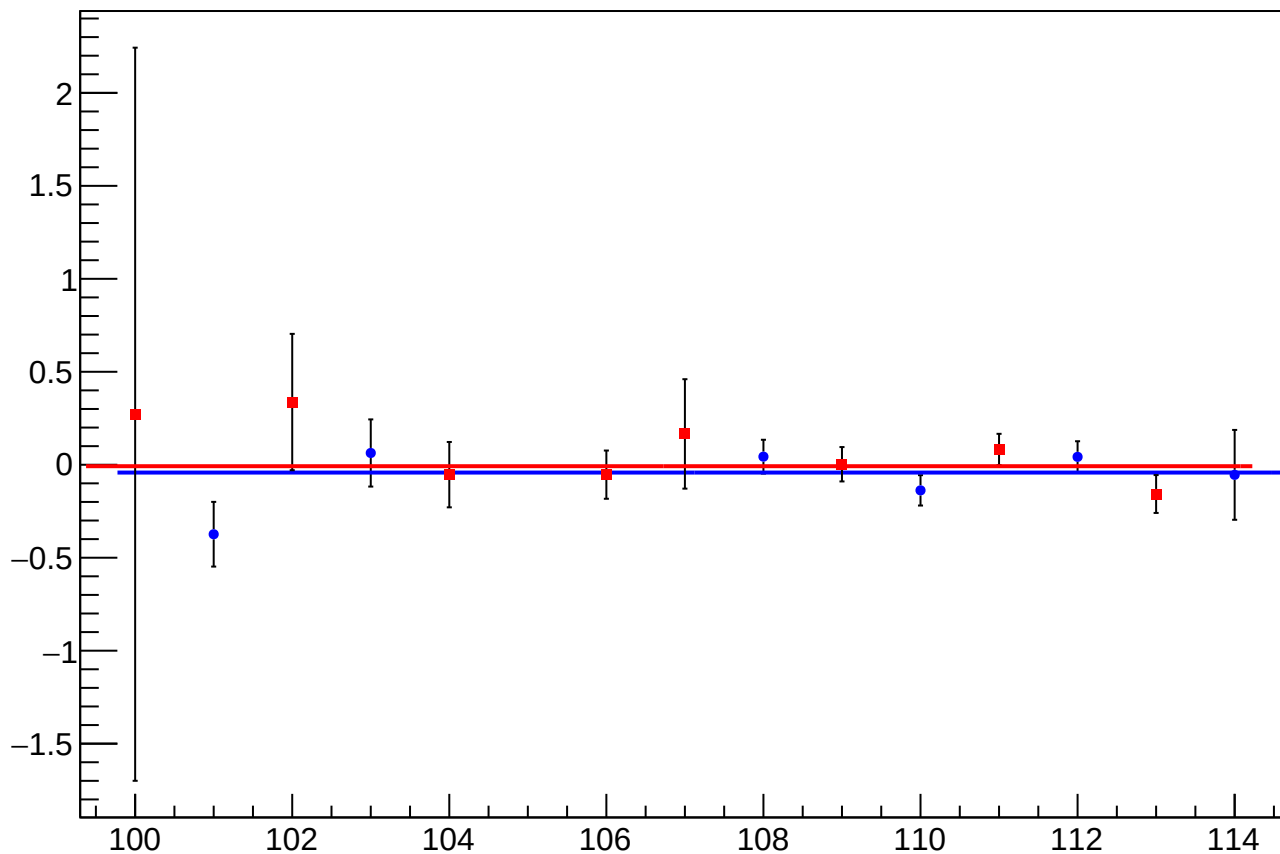
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4027185.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.042 $\pm$ 0.045 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

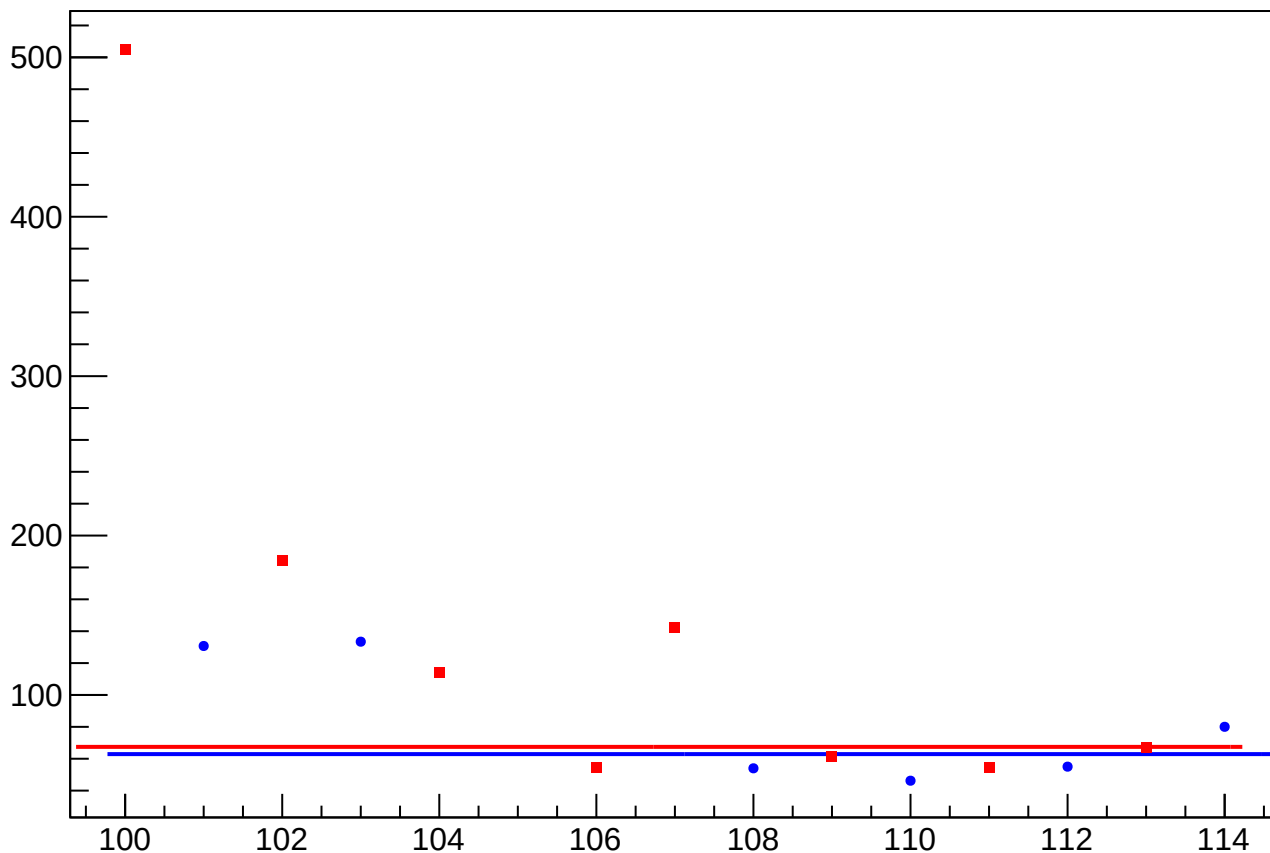
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.032 χ^2 /NDF: 12.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.898+/-0.032 χ^2/NDF : 739057.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.438+/-0.033 χ^2/NDF : 648776.7/7

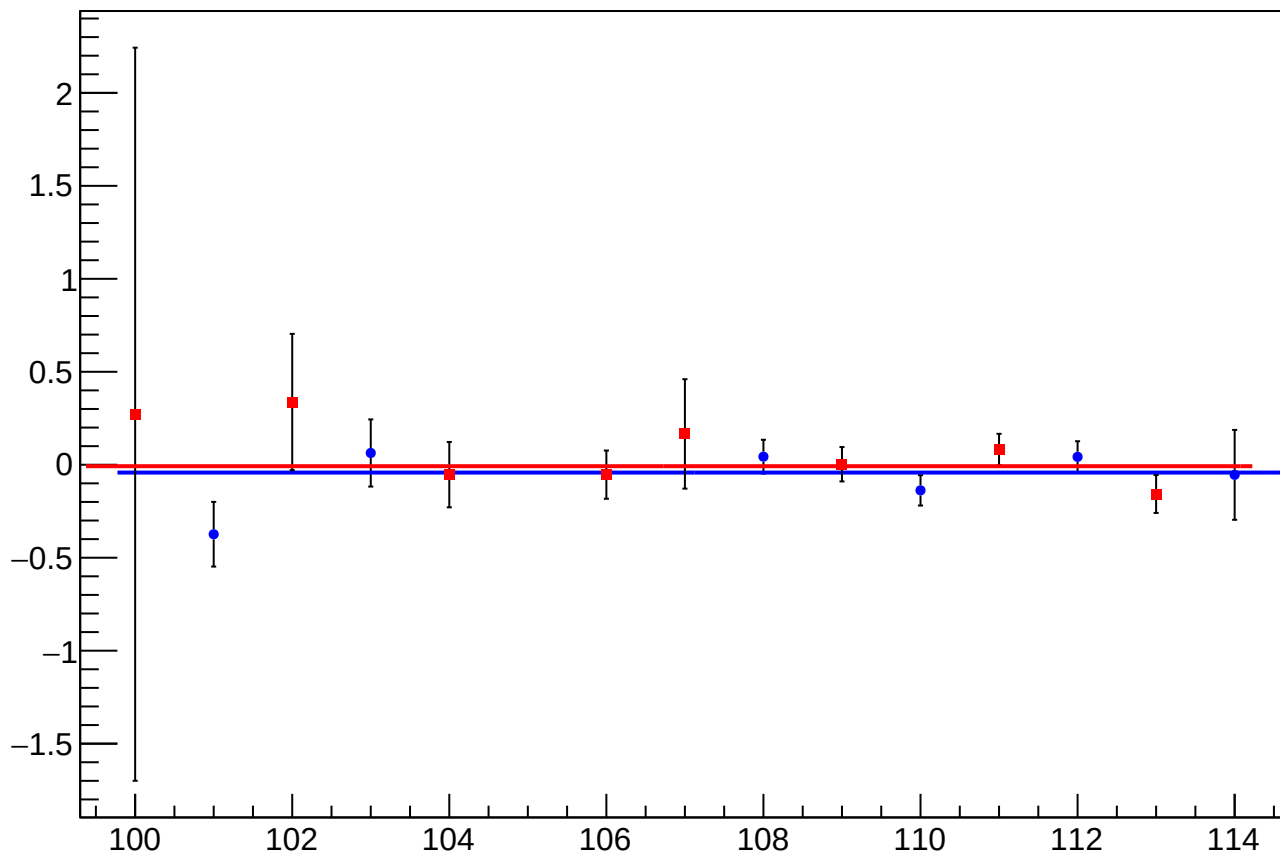
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.103+/-0.023 χ^2/NDF : 1397709.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.042 $\pm$ 0.045 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

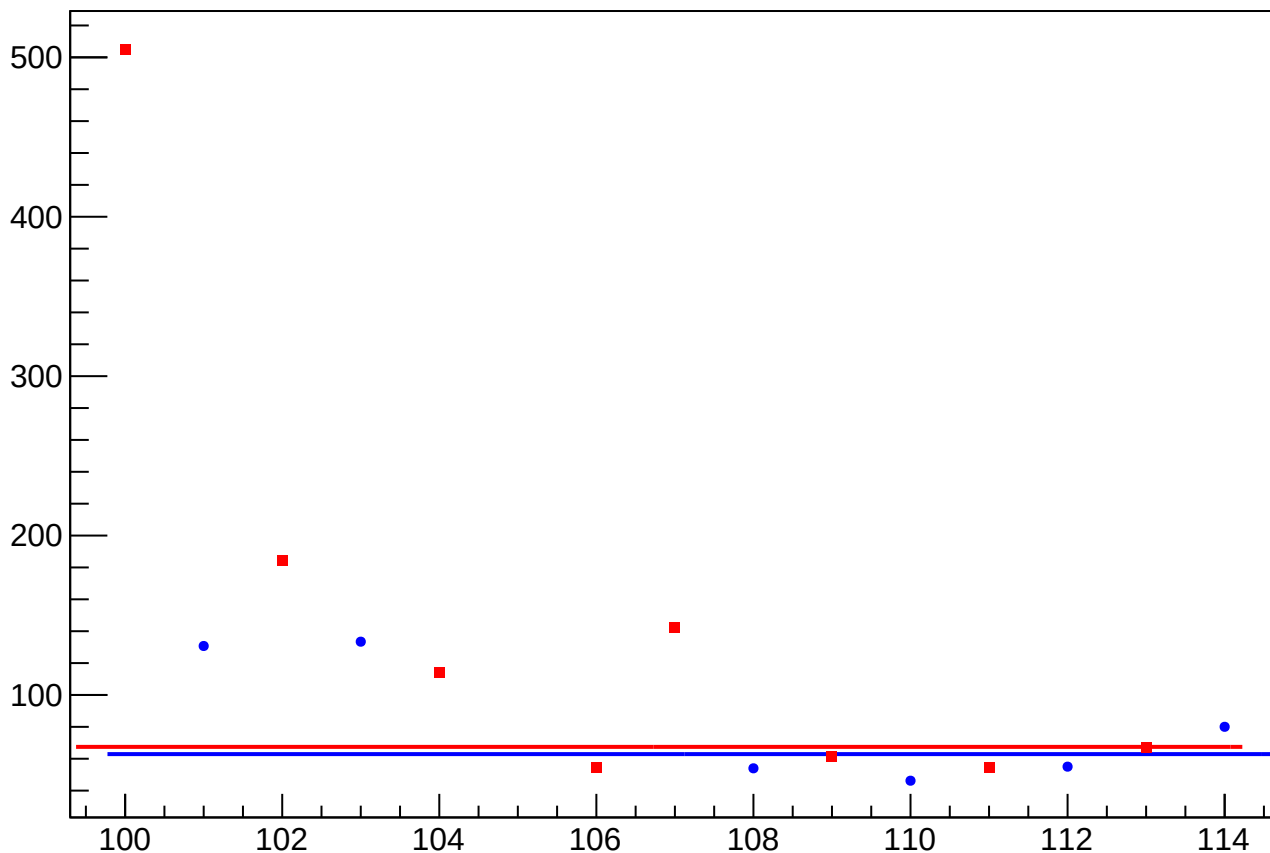
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.032 χ^2 /NDF: 12.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.898 $\pm$ 0.032 χ^2 /NDF: 739057.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.438 $\pm$ 0.033 χ^2 /NDF: 648776.7/7

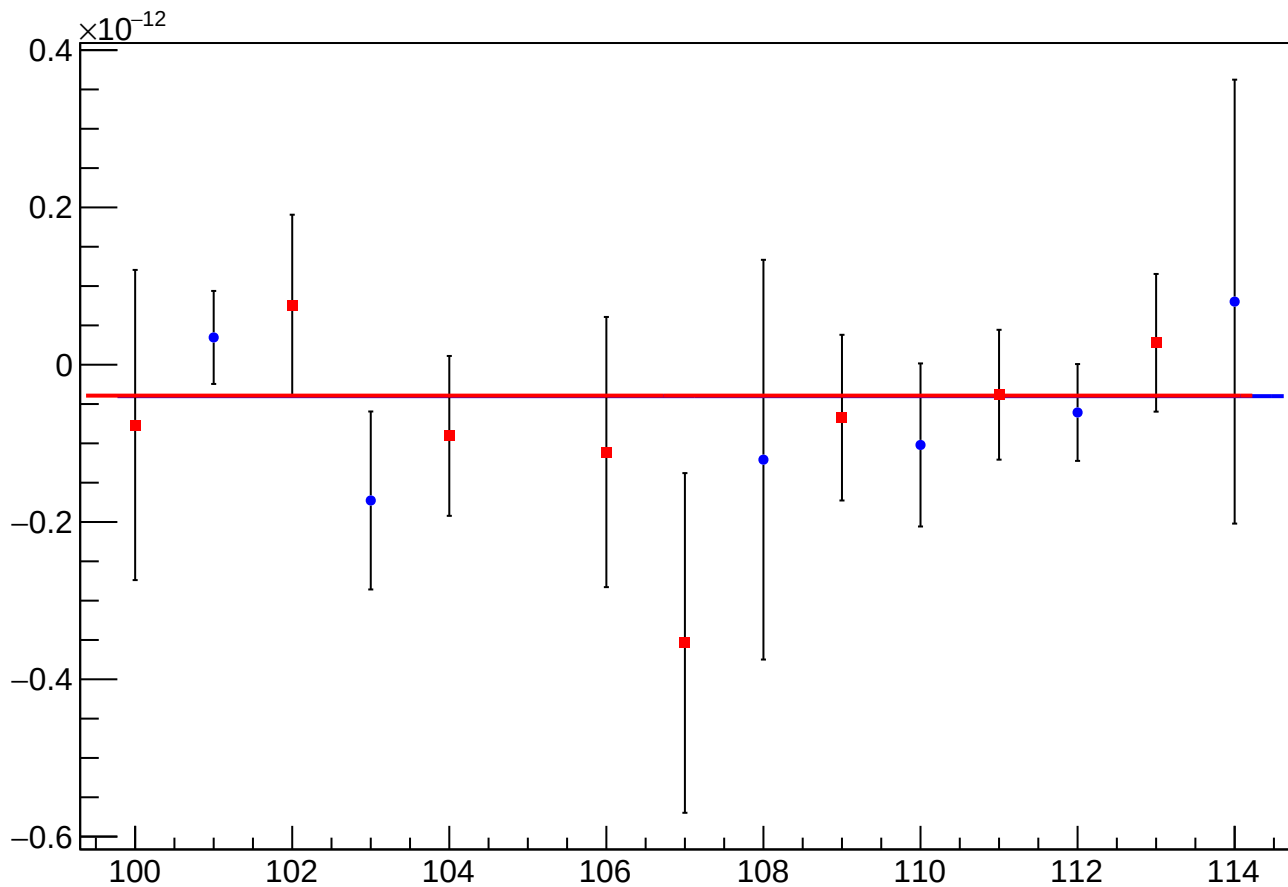
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.103 $\pm$ 0.023 χ^2 /NDF: 1397709.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/7

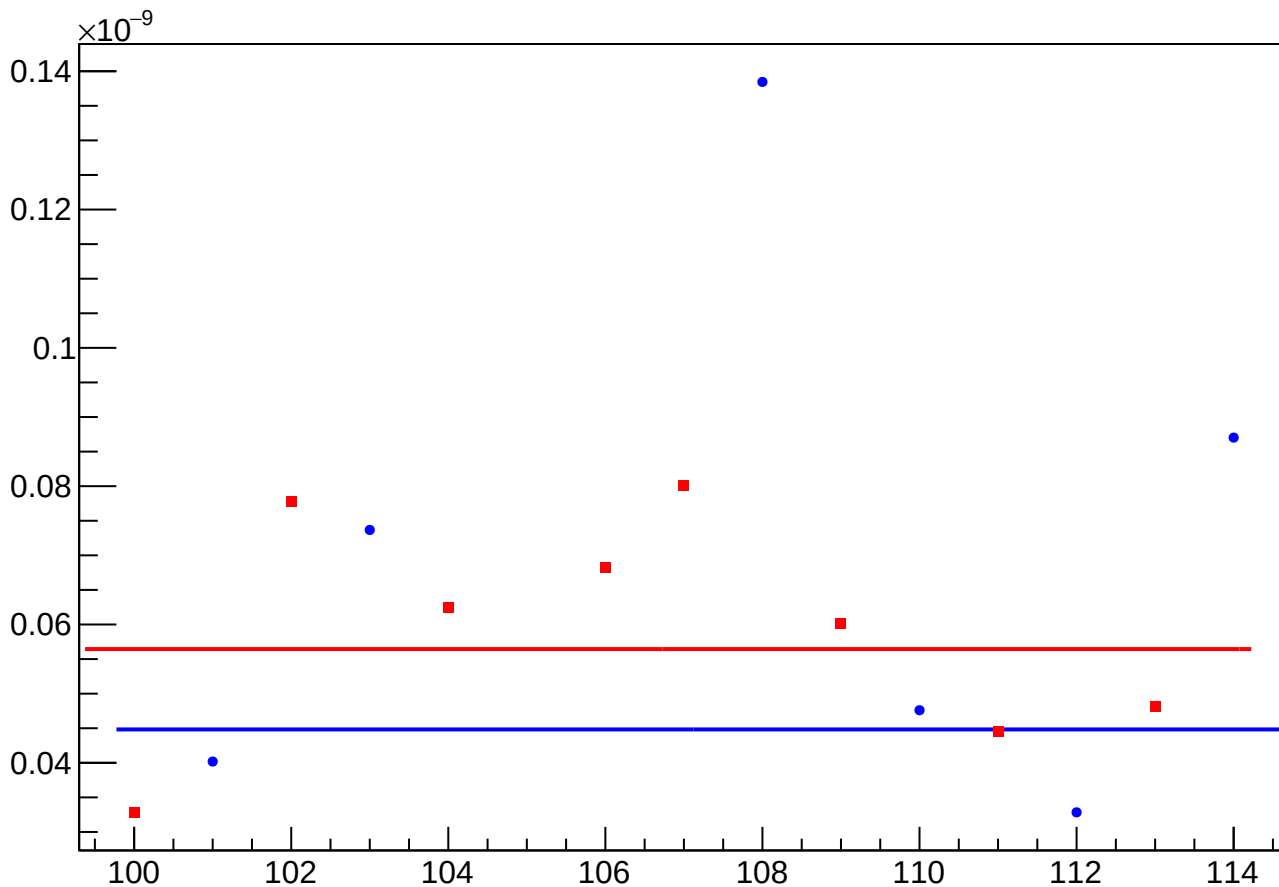
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 535806.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 200505.8/7

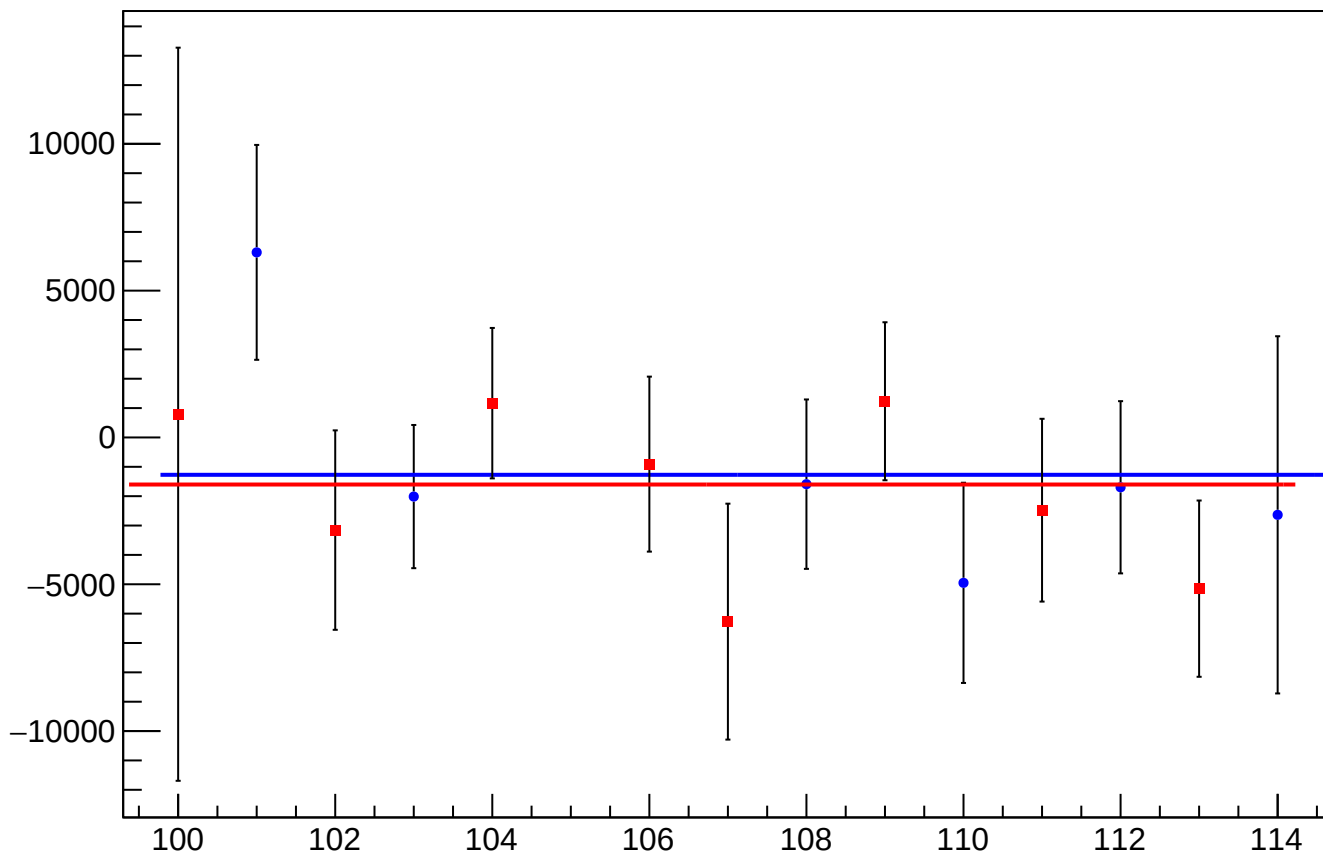
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 827978.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1272.213+/-1299.344 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1602.983+/-1137.776 χ^2/NDF : 5.4/7

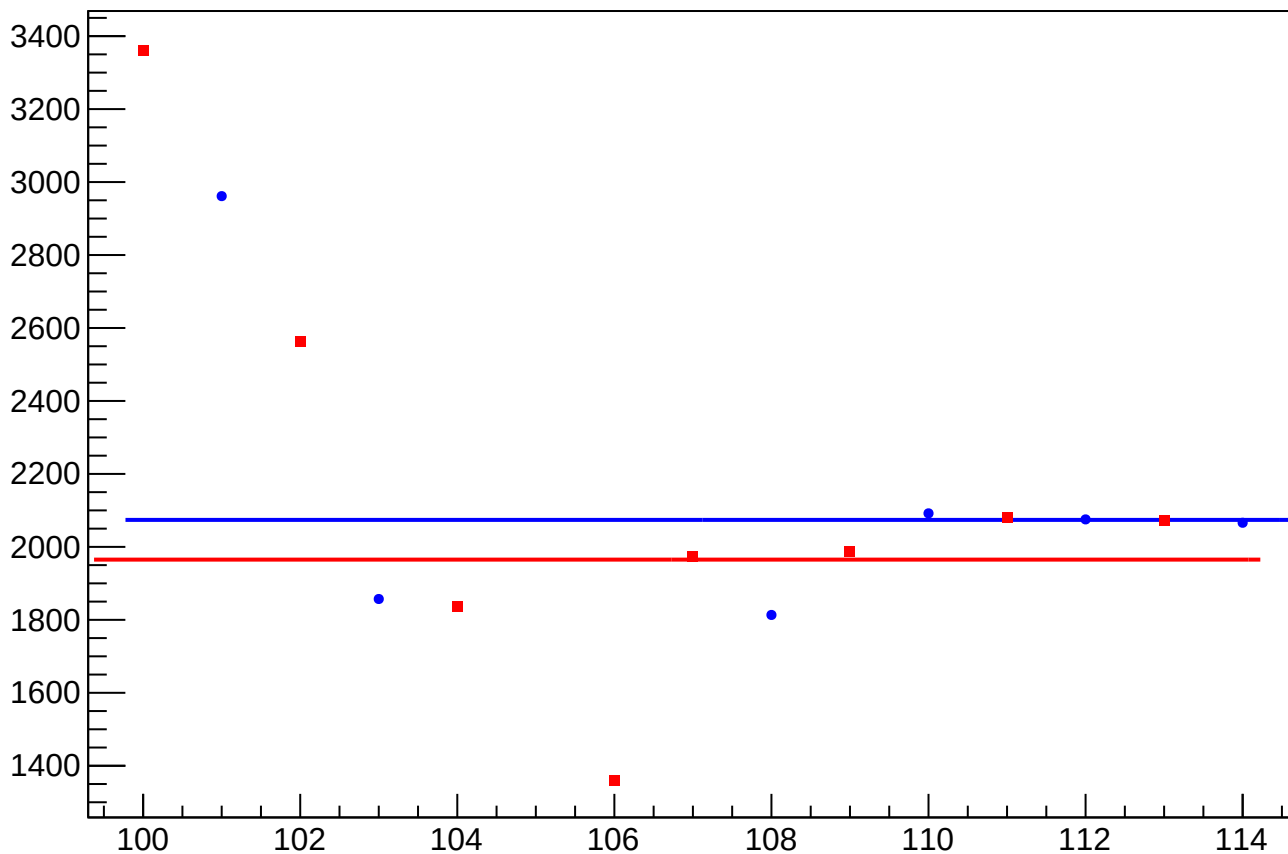
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1459.430+/-855.986 χ^2/NDF : 11.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2073.977 $\pm$ 0.919 χ^2 /NDF: 149818.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1965.095 $\pm$ 0.805 χ^2 /NDF: 179429.1/7

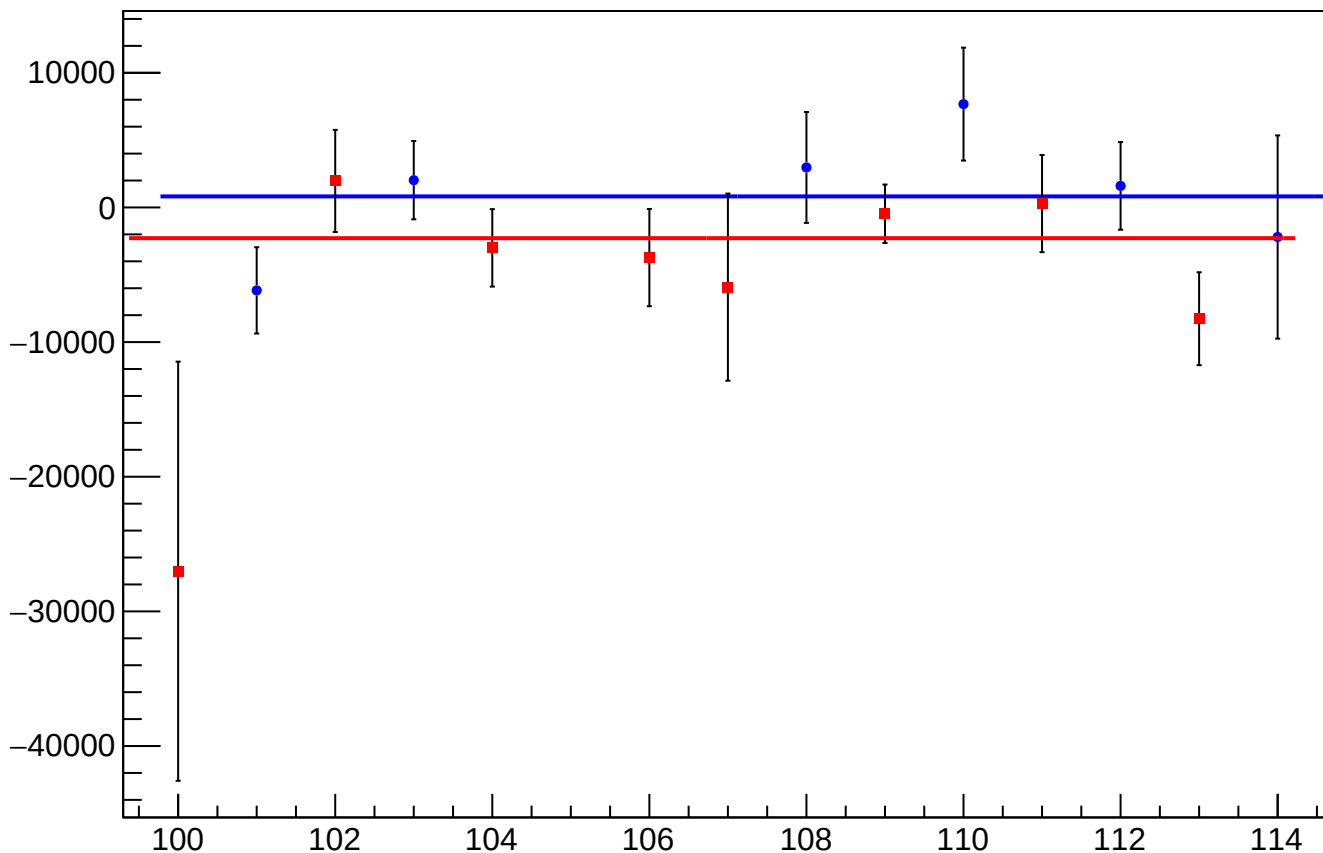
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2012.349 $\pm$ 0.605 χ^2 /NDF: 337196.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug



Right In: 820.668 $\pm$ 1501.603 χ^2 /NDF: 8.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2281.987 $\pm$ 1226.643 χ^2 /NDF: 8.5/7

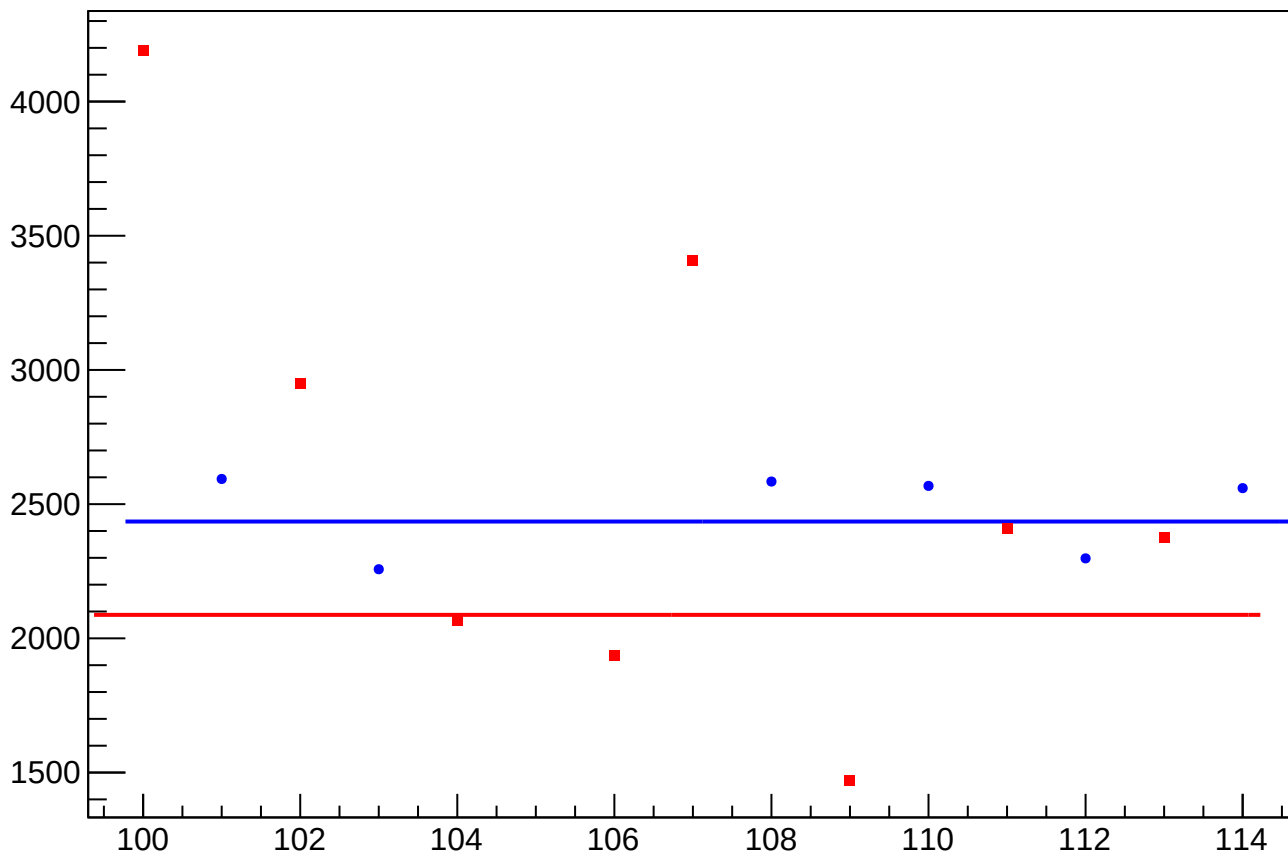
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1040.209 $\pm$ 949.971 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2435.254+/-1.062 χ^2/NDF : 21100.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2087.502+/-0.867 χ^2/NDF : 406915.5/7

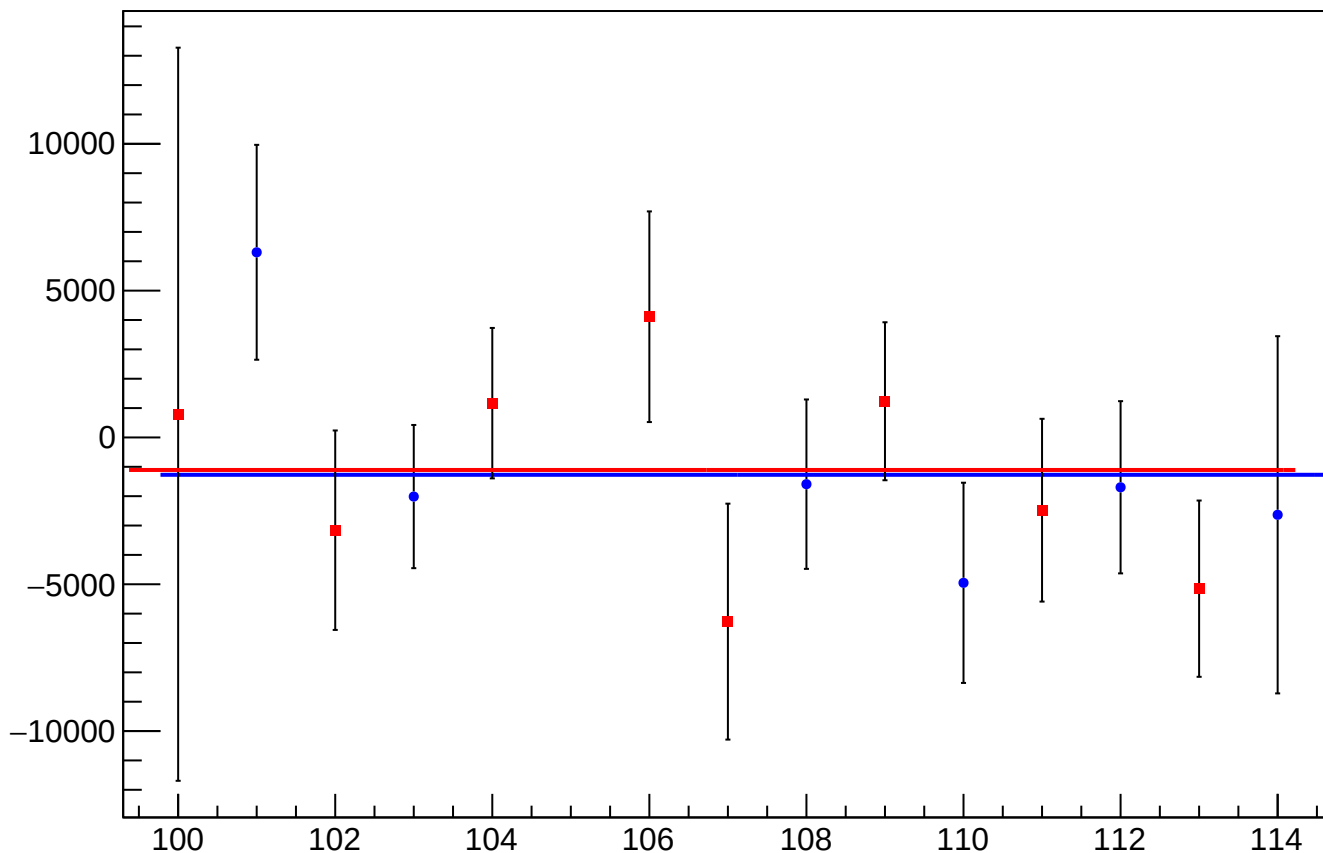
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2226.683+/-0.672 χ^2/NDF : 492350.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1271.735 $\pm$ 1299.344 χ^2 /NDF: 5.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1107.632 $\pm$ 1164.386 χ^2 /NDF: 7.7/7

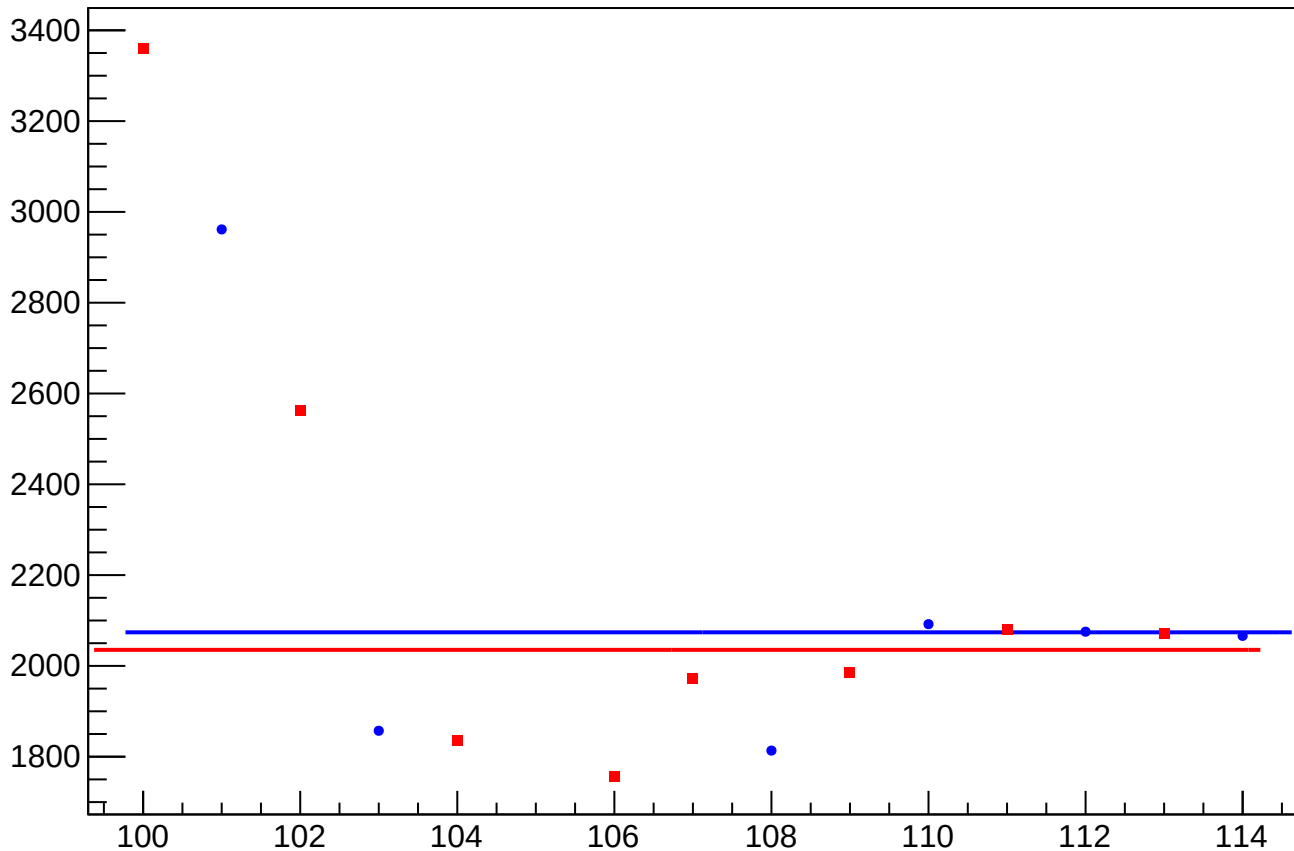
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1180.721 $\pm$ 867.146 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2073.976 $\pm$ 0.919 χ^2 /NDF: 149818.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2035.324 $\pm$ 0.823 χ^2 /NDF: 96719.9/7

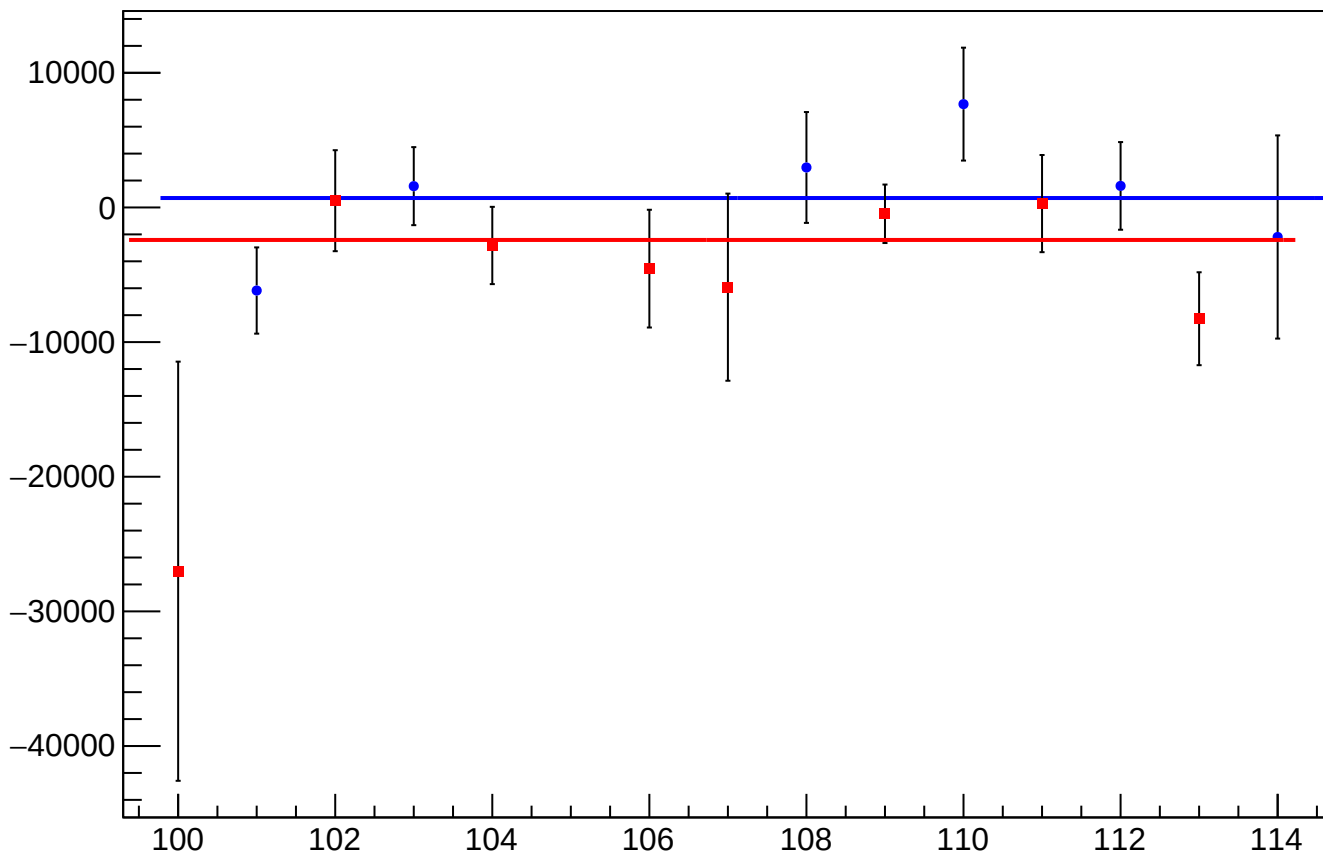
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2052.539 $\pm$ 0.613 χ^2 /NDF: 247520.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: 700.571+/-1500.046 χ^2/NDF : 8.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2413.710+/-1247.609 χ^2/NDF : 7.9/7

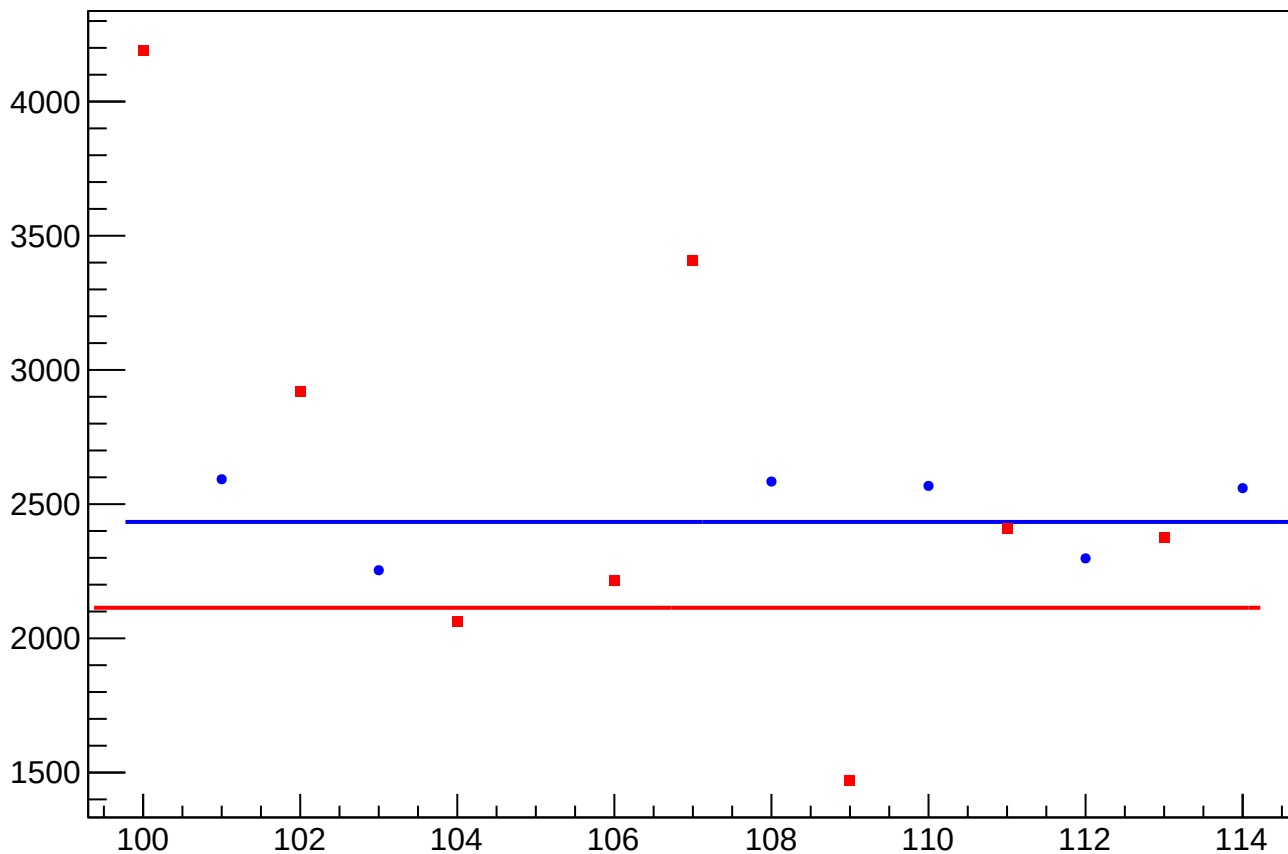
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1140.295+/-959.203 χ^2/NDF : 18.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



Right In: 2433.727+/-1.061 χ^2/NDF : 21403.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.984+/-0.882 χ^2/NDF : 399557.5/7

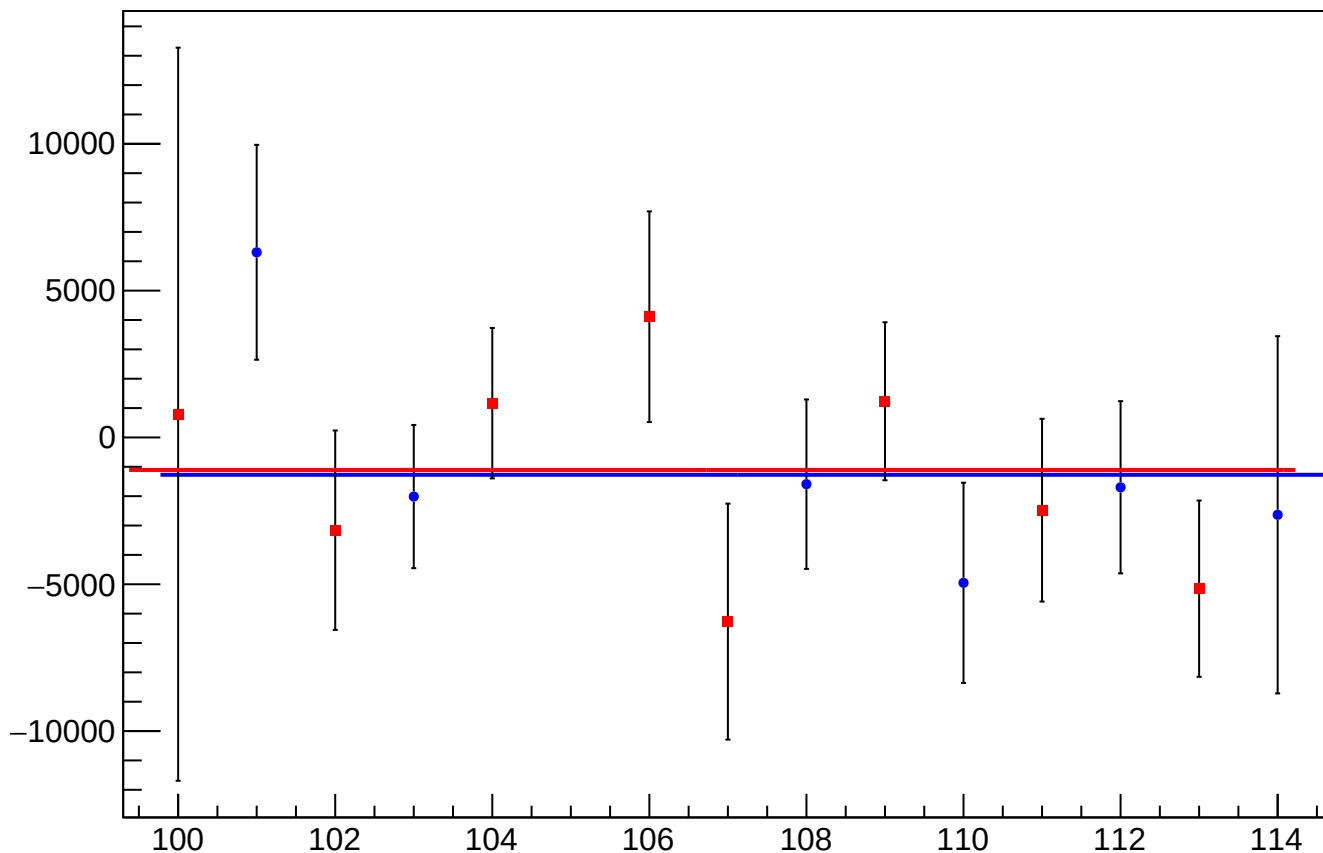
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.726+/-0.678 χ^2/NDF : 474675.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1271.735 $\pm$ 1299.344 χ^2 /NDF: 5.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1107.632 $\pm$ 1164.386 χ^2 /NDF: 7.7/7

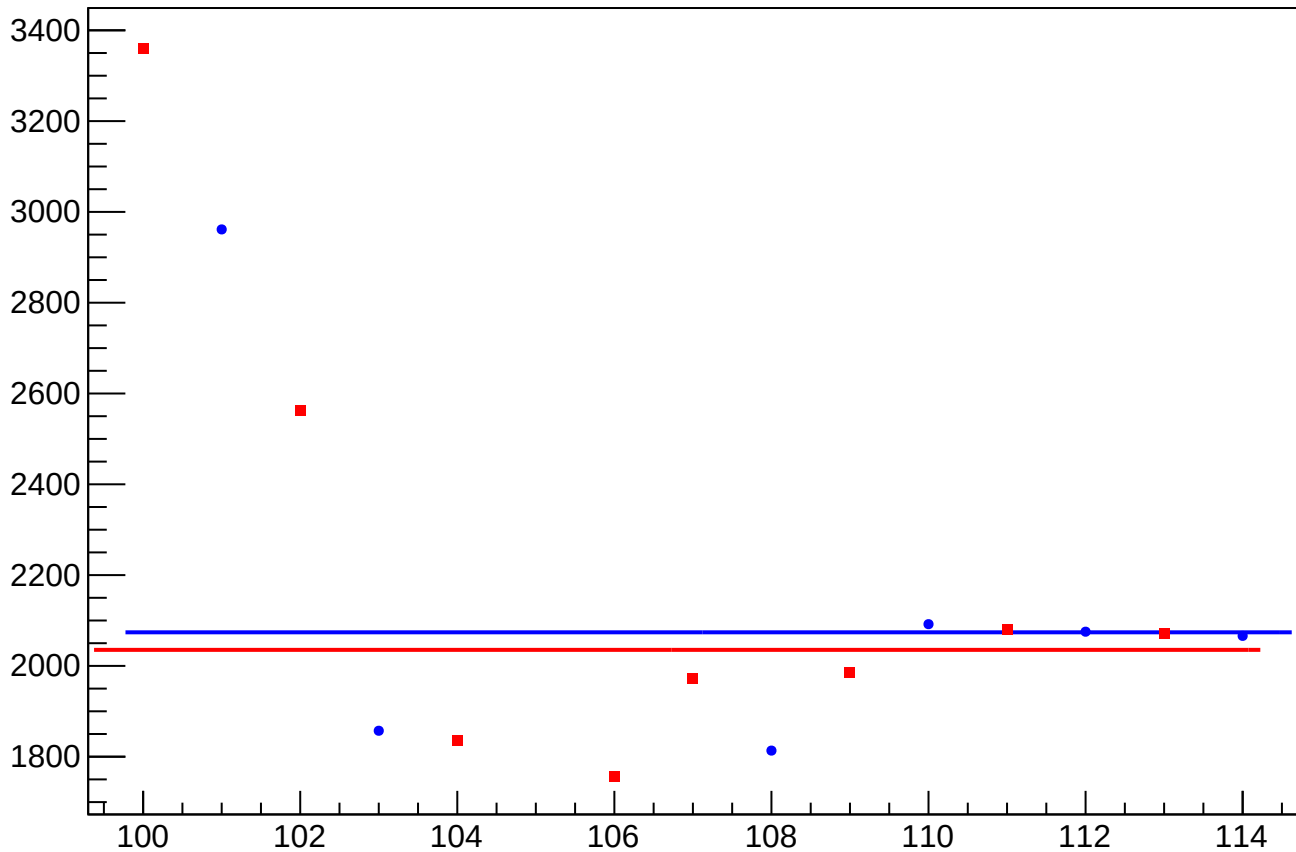
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1180.721 $\pm$ 867.146 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2073.976 $\pm$ 0.919 χ^2 /NDF: 149818.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2035.324 $\pm$ 0.823 χ^2 /NDF: 96719.9/7

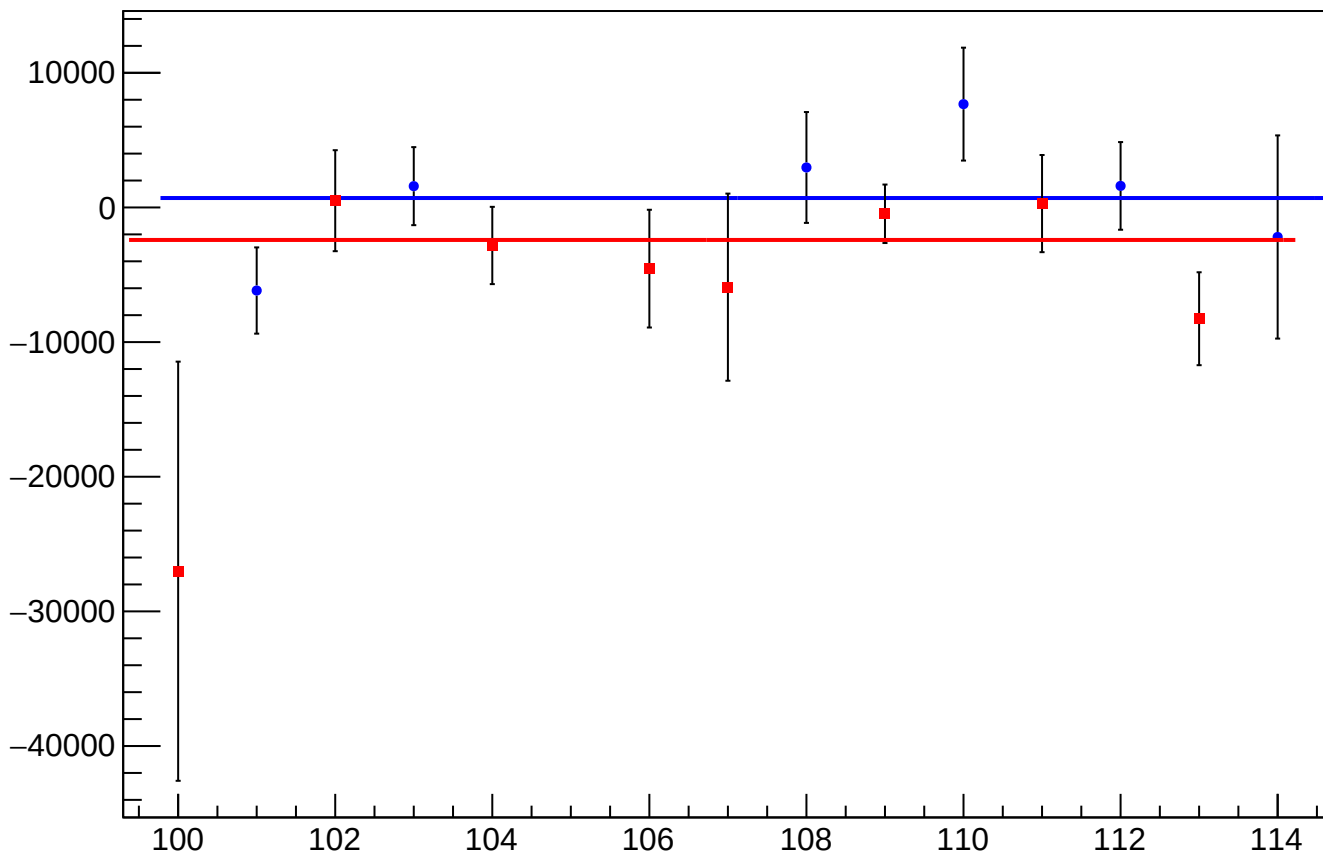
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2052.539 $\pm$ 0.613 χ^2 /NDF: 247520.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 700.571+/-1500.046 χ^2/NDF : 8.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2413.710+/-1247.609 χ^2/NDF : 7.9/7

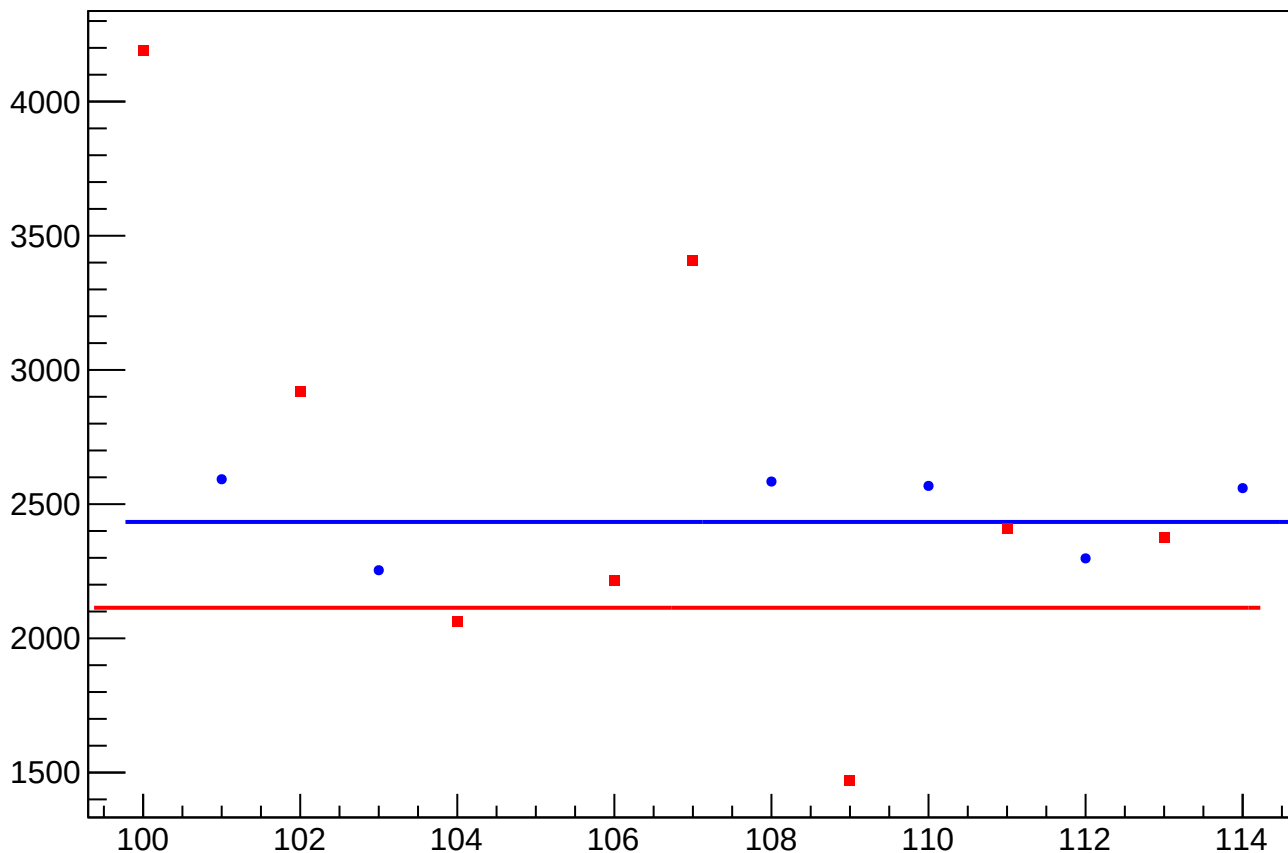
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1140.295+/-959.203 χ^2/NDF : 18.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 2433.727+/-1.061 χ^2/NDF : 21403.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.984+/-0.882 χ^2/NDF : 399557.5/7

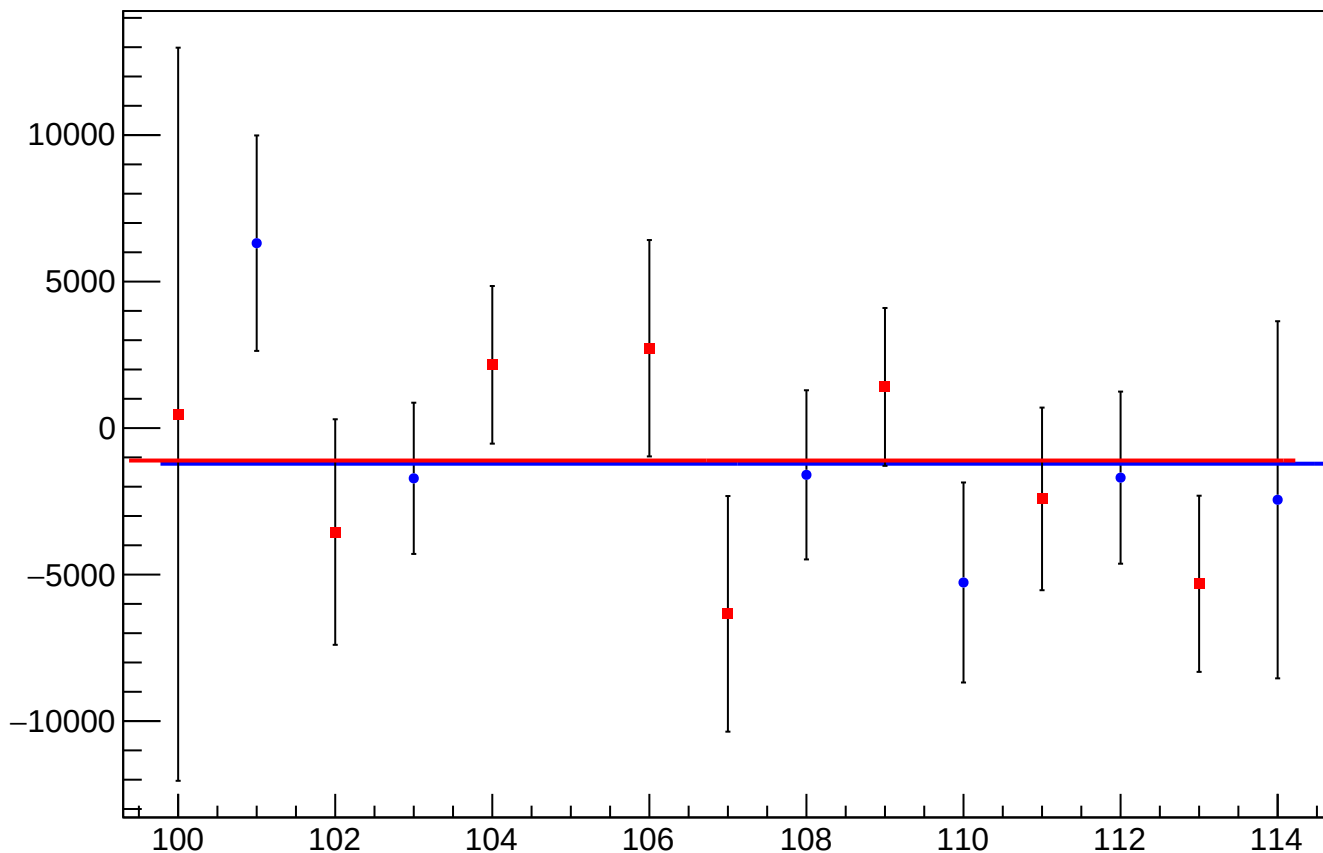
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.726+/-0.678 χ^2/NDF : 474675.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1215.476+/-1321.314 χ^2/NDF : 5.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1106.926+/-1196.359 χ^2/NDF : 7.7/7

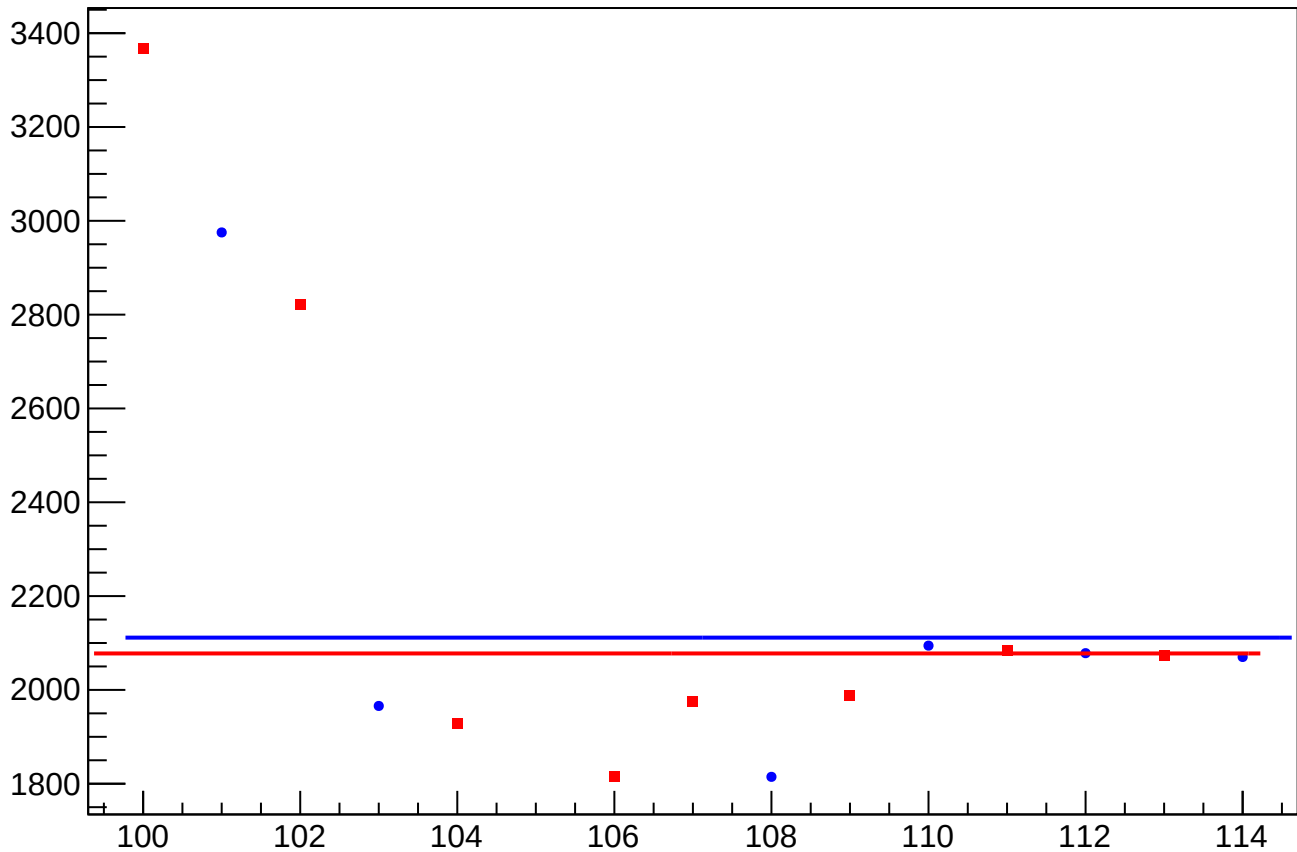
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1155.827+/-886.847 χ^2/NDF : 13.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2111.450 $\pm$ 0.934 χ^2 /NDF: 138282.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

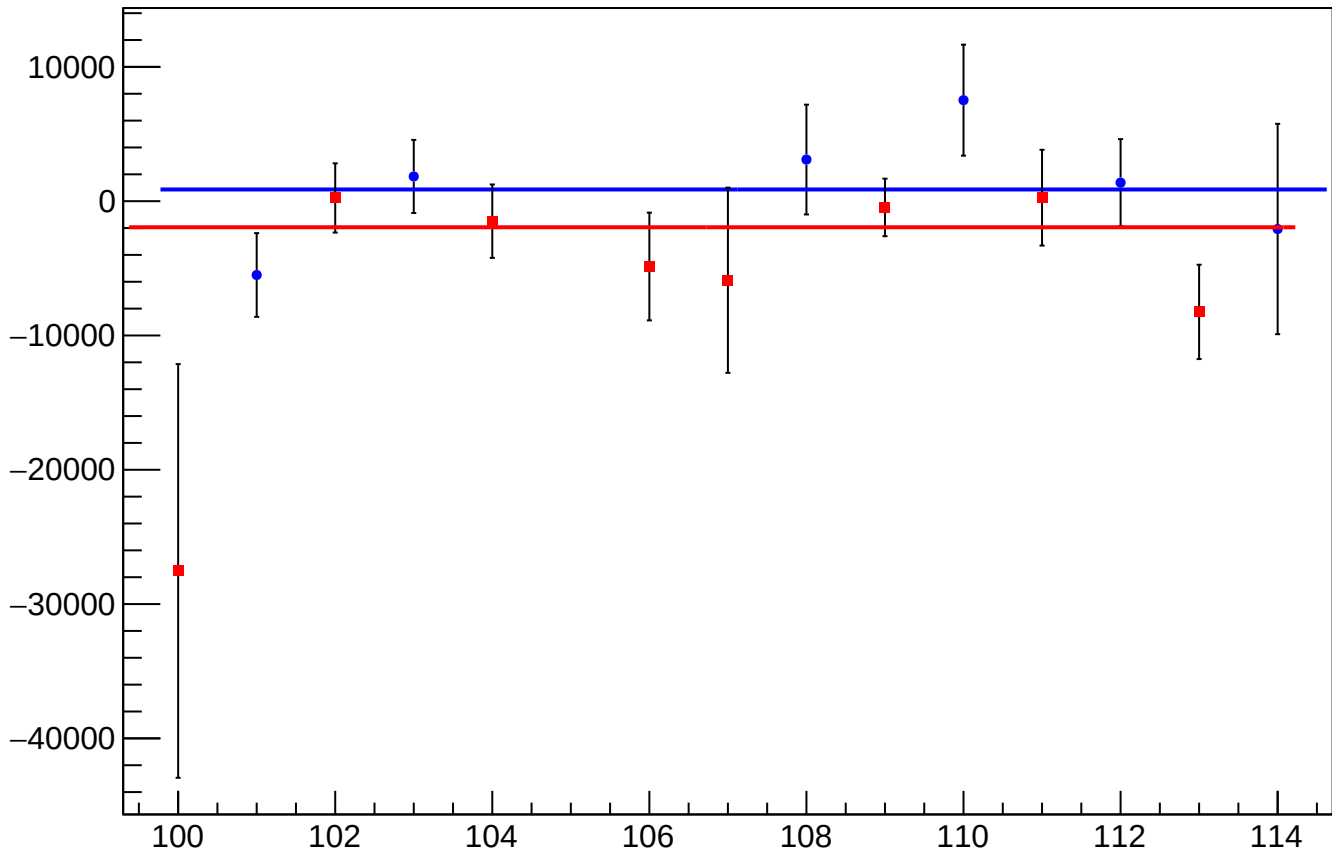
Right Out: 2077.718 $\pm$ 0.846 χ^2 /NDF: 115635.6/7

All: 2092.914 $\pm$ 0.627 χ^2 /NDF: 254633.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug



Right In: 871.710+/-1461.802 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1941.300+/-1155.113 χ^2/NDF : 8.4/7

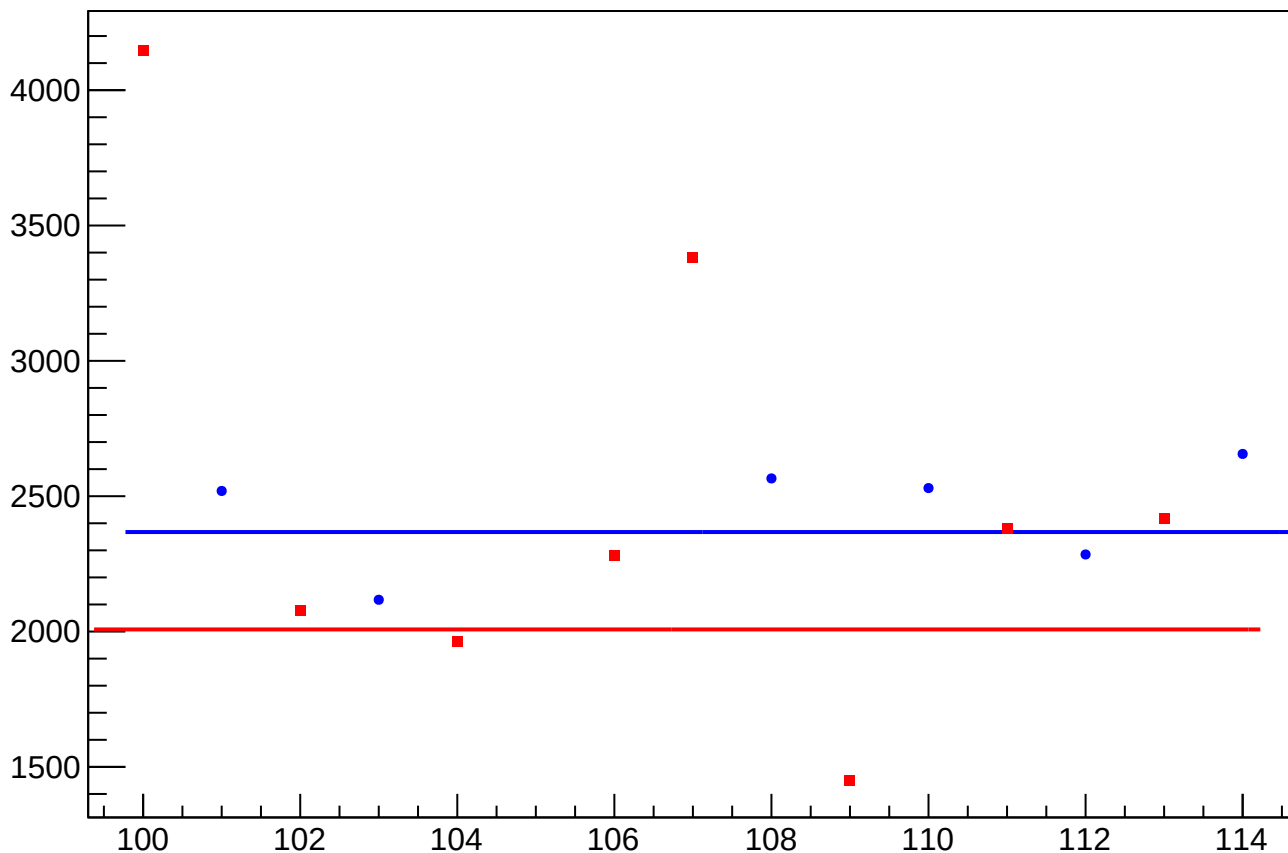
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.999+/-906.309 χ^2/NDF : 18.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2367.606 $\pm$ 1.034 χ^2 /NDF: 33460.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2007.808 $\pm$ 0.817 χ^2 /NDF: 313652.1/7

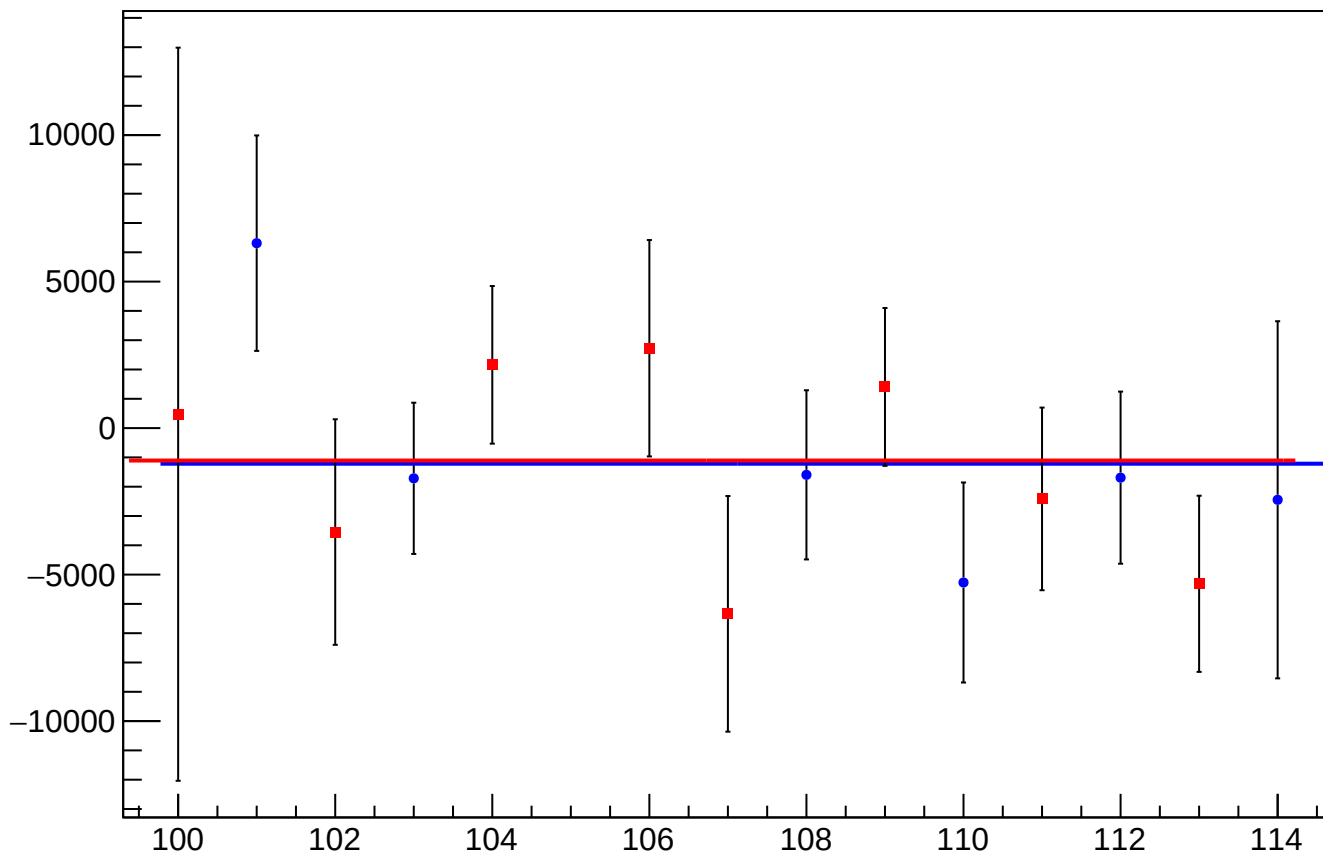
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2146.111 $\pm$ 0.641 χ^2 /NDF: 421701.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1215.469+/-1321.314 χ^2/NDF : 5.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1106.921+/-1196.359 χ^2/NDF : 7.7/7

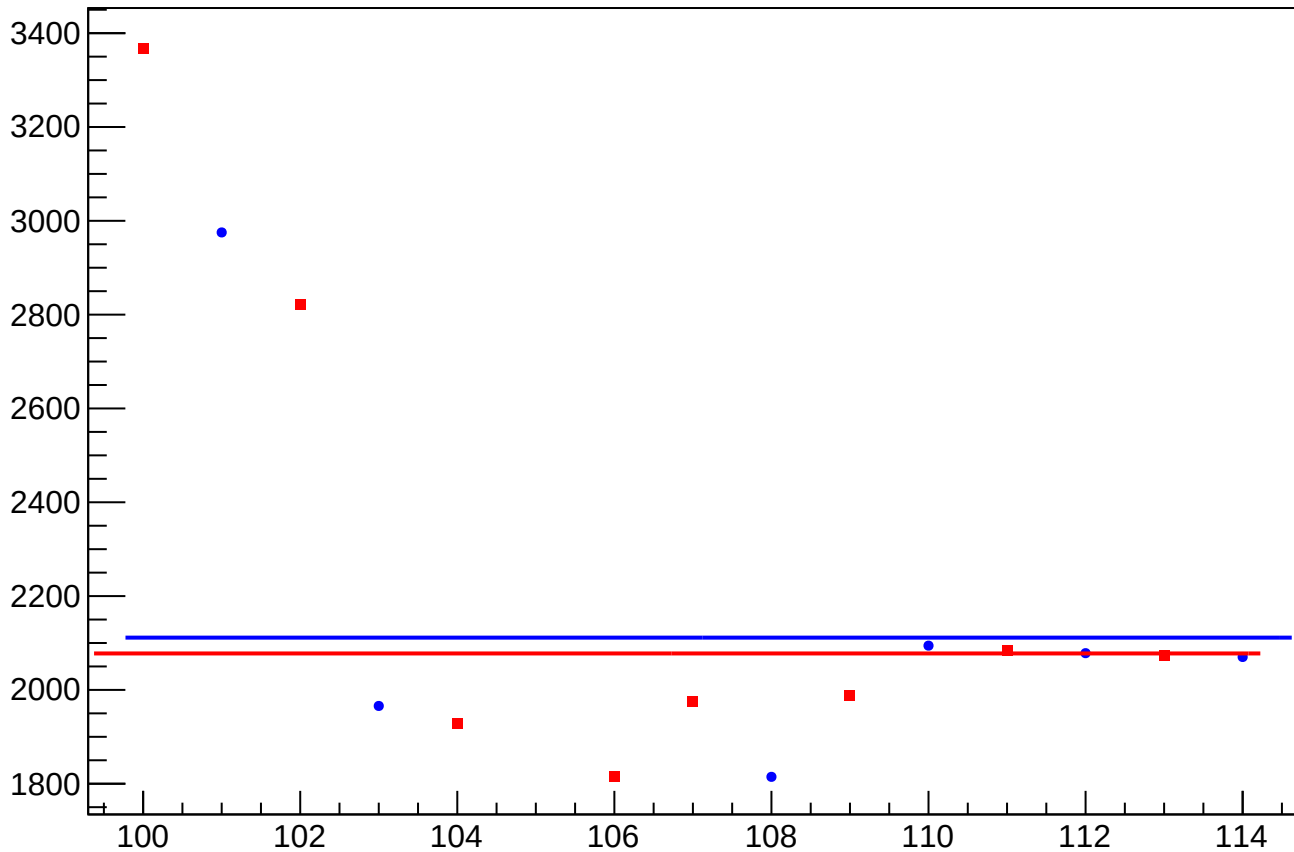
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1155.821+/-886.847 χ^2/NDF : 13.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2111.450+/-0.934 χ^2/NDF : 138282.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

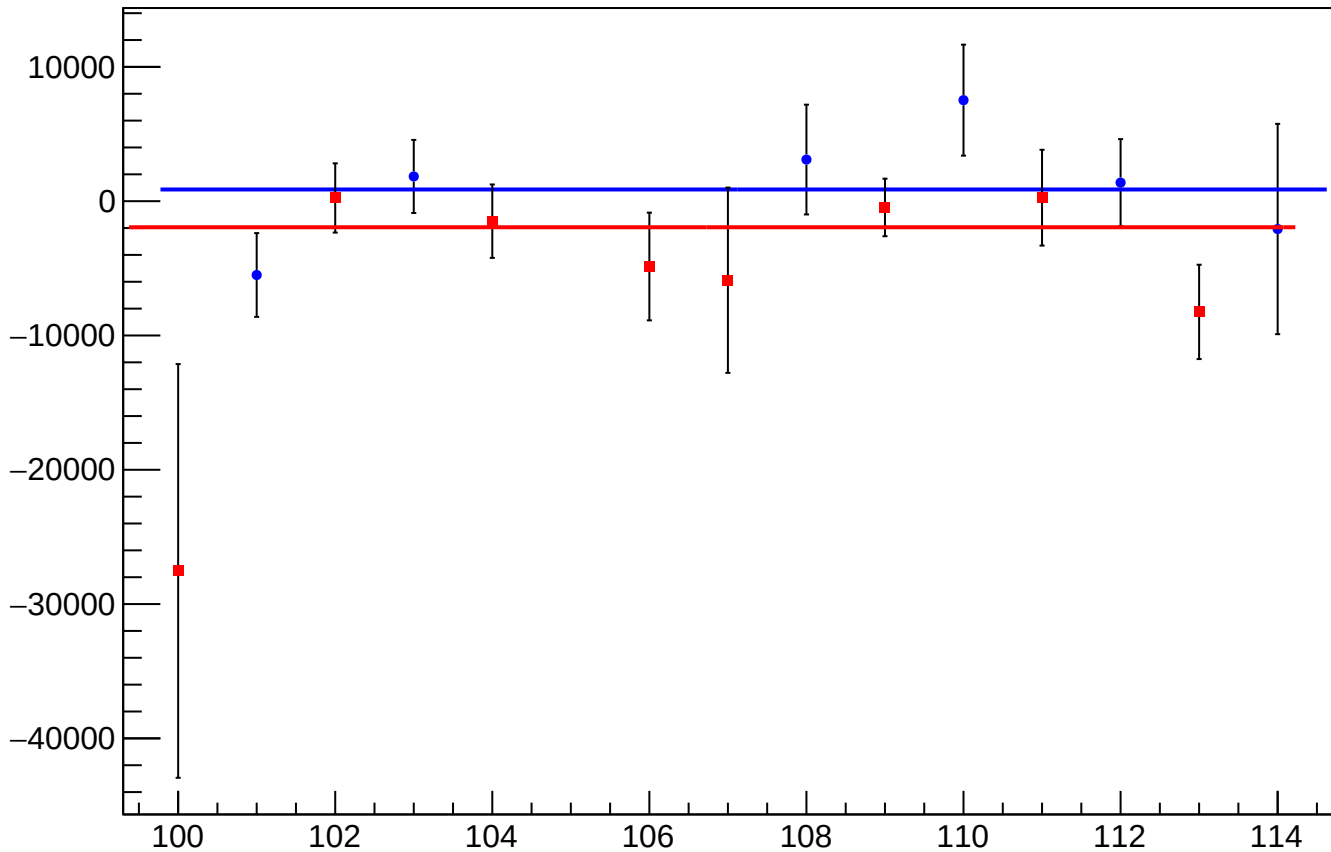
Right Out: 2077.718+/-0.846 χ^2/NDF : 115635.5/7

All: 2092.914+/-0.627 χ^2/NDF : 254633.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 871.707 ± 1461.799 χ^2/NDF : 7.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1941.307 ± 1155.115 χ^2/NDF : 8.4/7

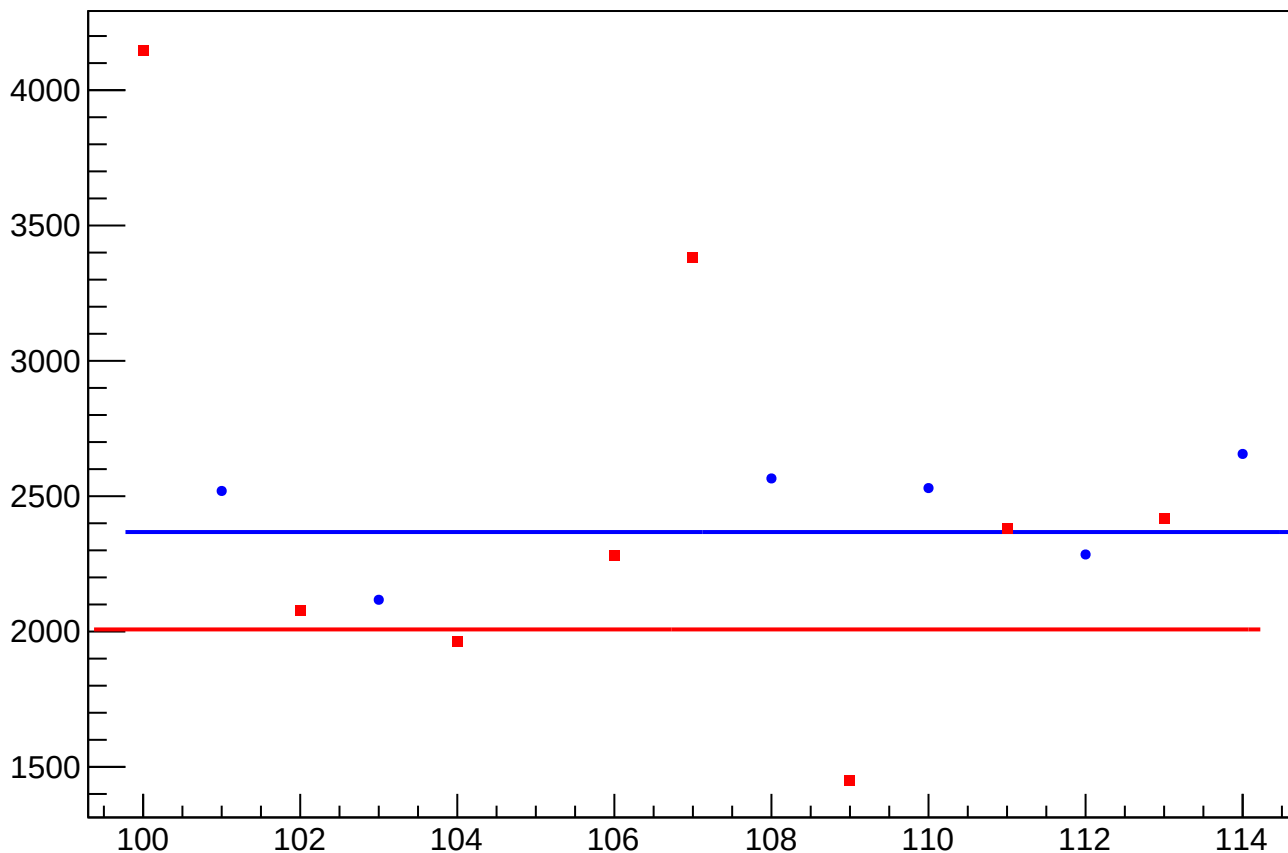
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -859.999 ± 906.309 χ^2/NDF : 18.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 2367.602 $\pm$ 1.034 χ^2 /NDF: 33457.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2007.813 $\pm$ 0.817 χ^2 /NDF: 313642.7/7

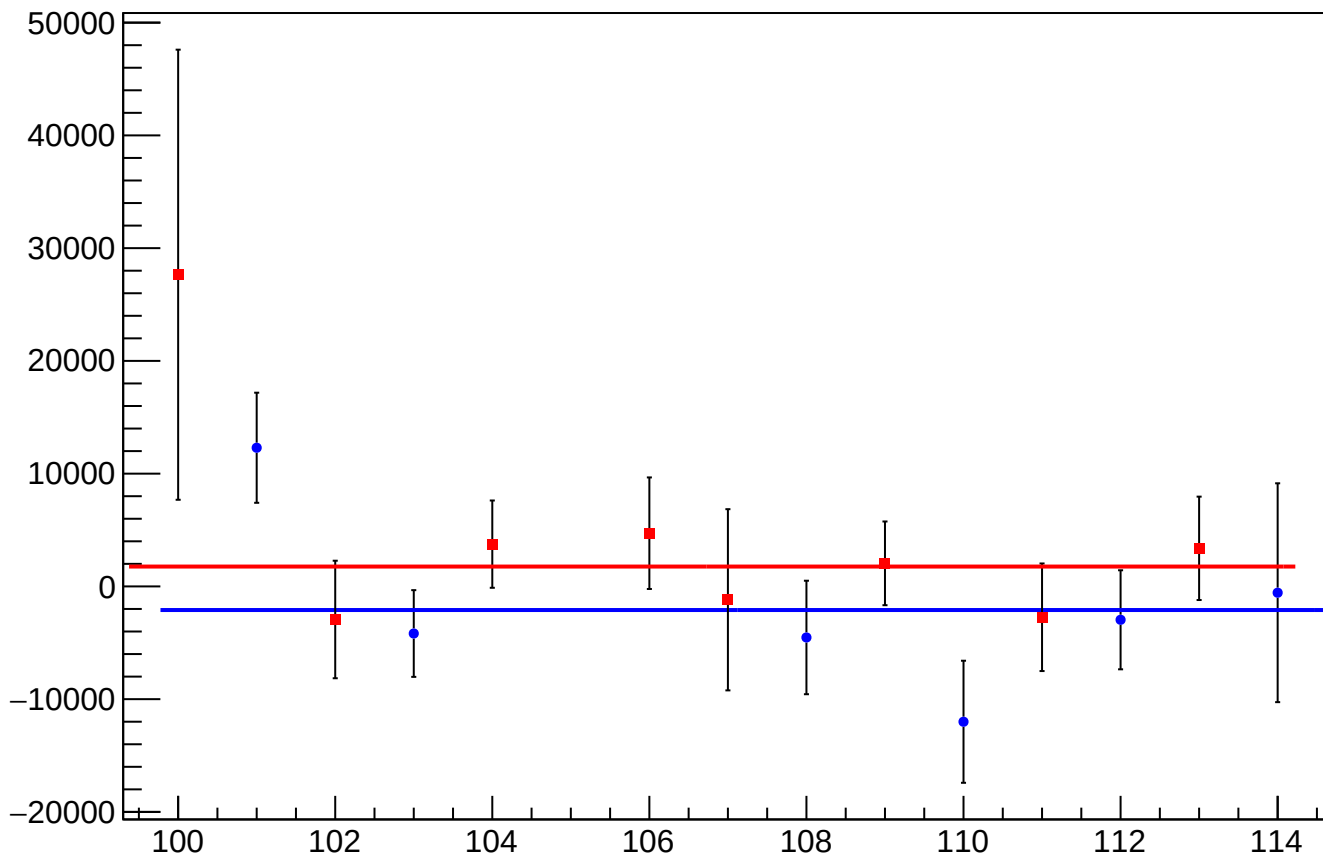
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2146.114 $\pm$ 0.641 χ^2 /NDF: 421685.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -2094.999 ± 2017.785 χ^2/NDF : 12.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1760.724 ± 1750.036 χ^2/NDF : 4.3/7

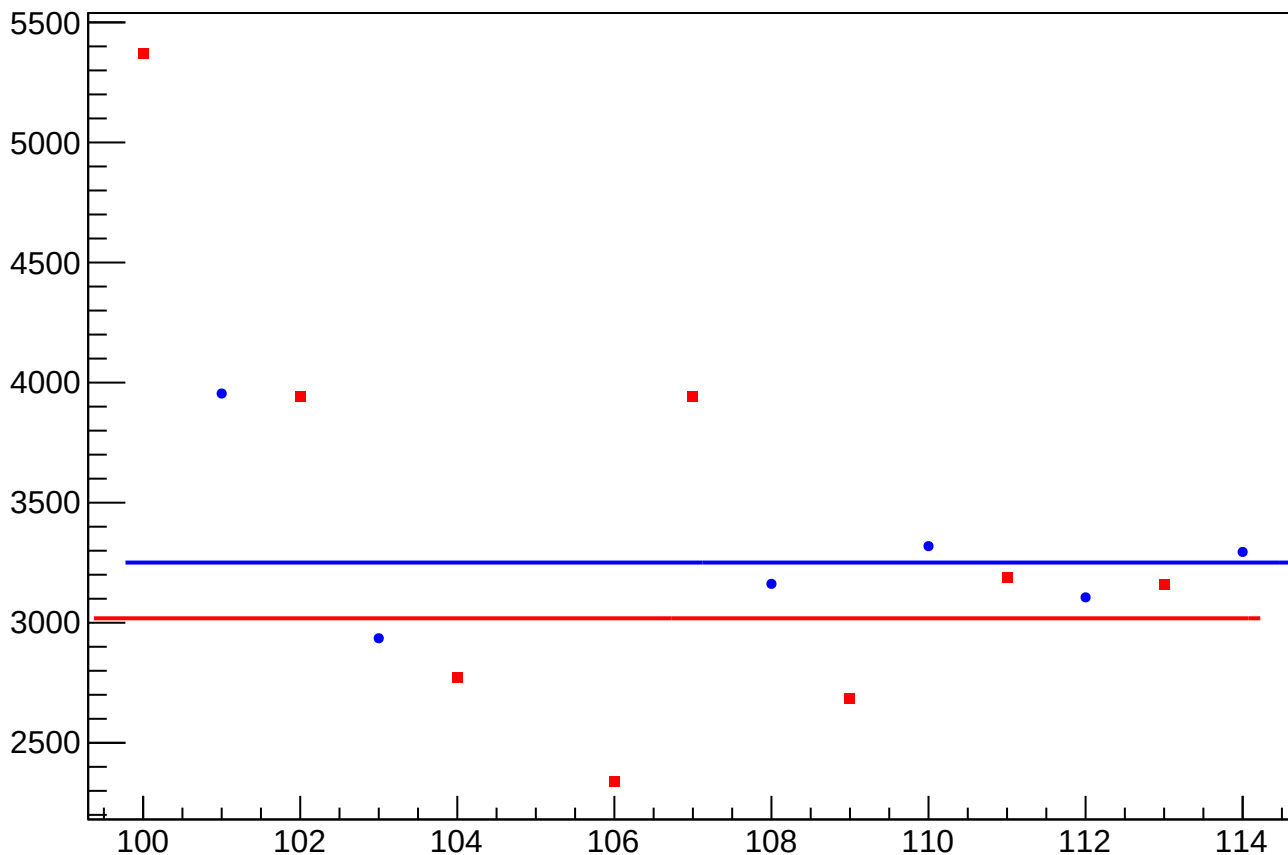
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.482 ± 1322.065 χ^2/NDF : 19.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3250.670+/-1.427 χ^2/NDF : 58147.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3018.573+/-1.237 χ^2/NDF : 183780.6/7

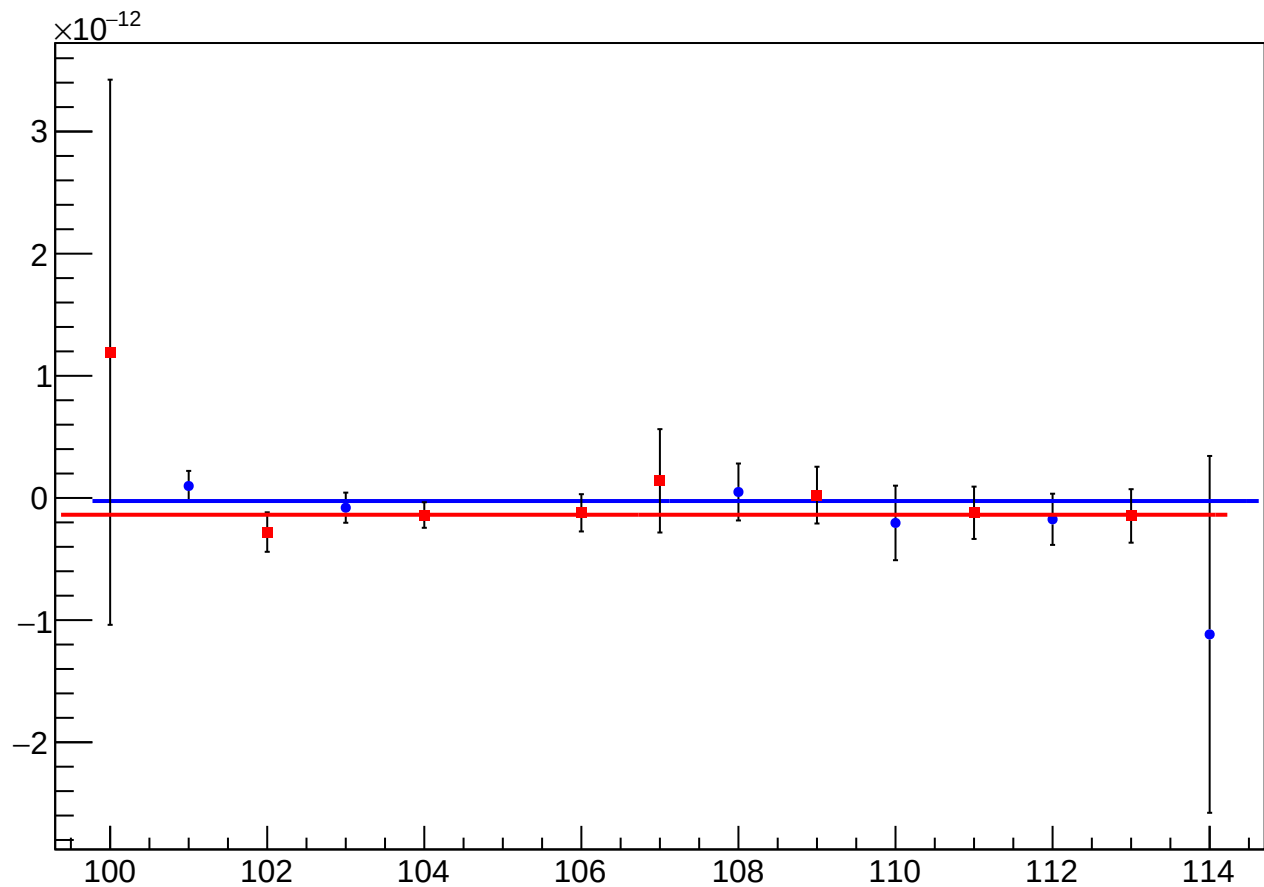
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3118.209+/-0.935 χ^2/NDF : 257030.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/7

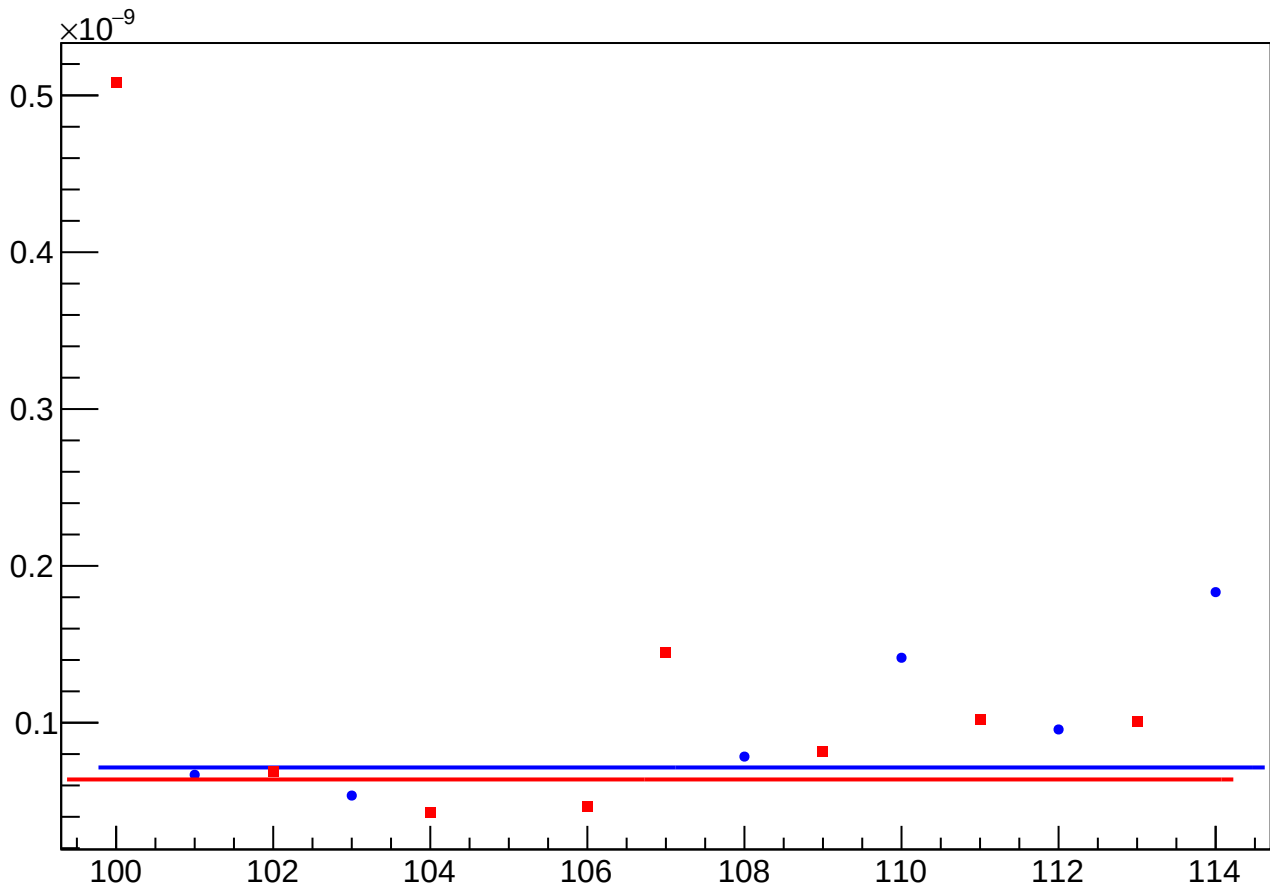
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 190363.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 394486.2/7

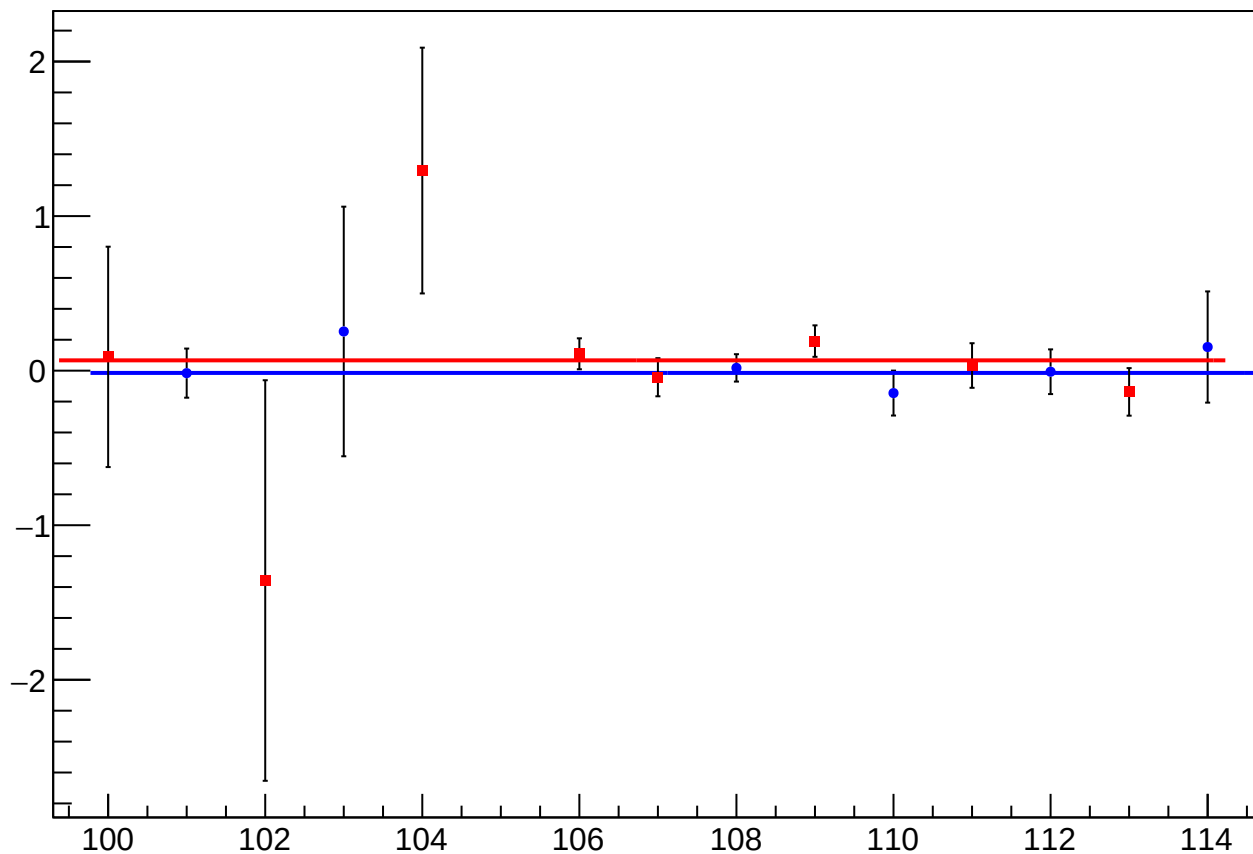
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 597029.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.015+/-0.061 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.053 χ^2/NDF : 7.9/7

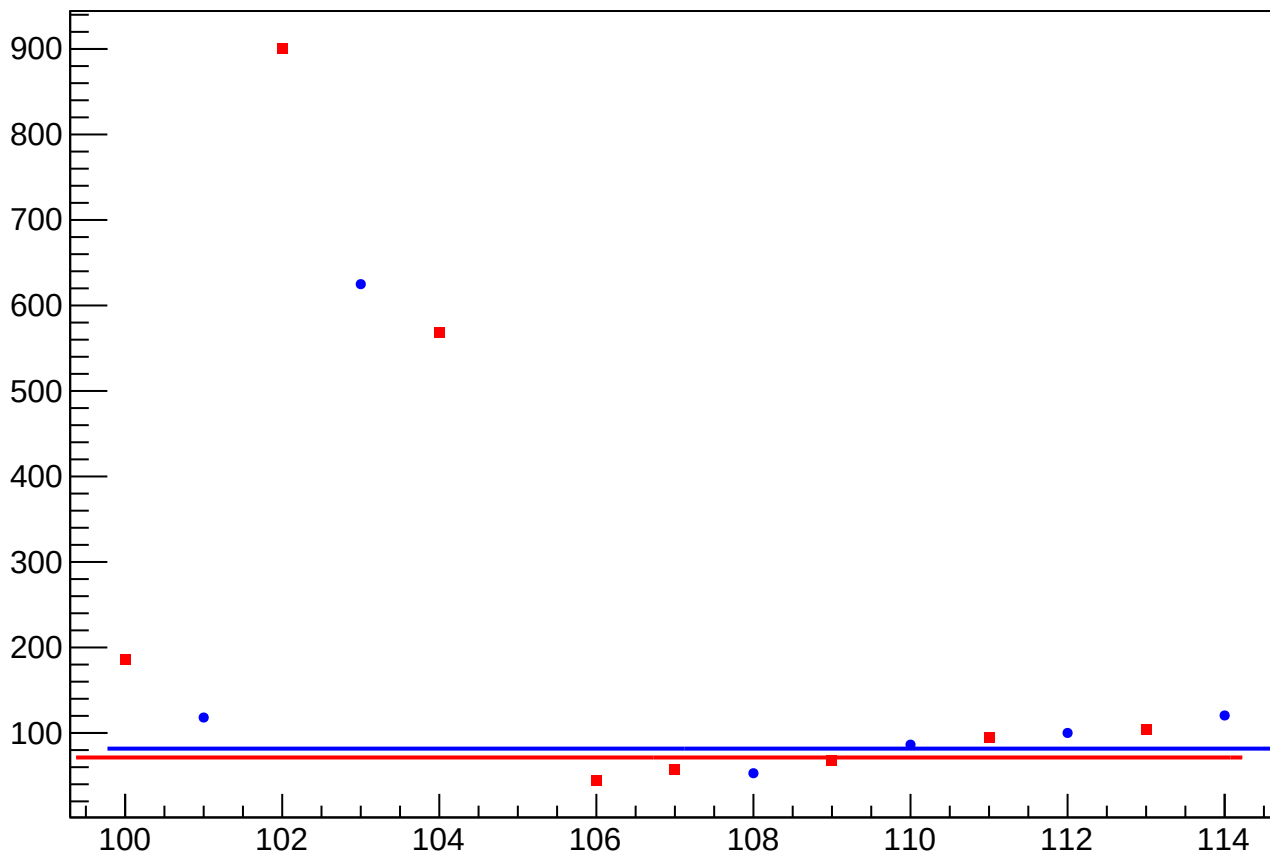
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.040 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 81.697 $\pm$ 0.043 χ^2 /NDF: 1278271.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.329 $\pm$ 0.037 χ^2 /NDF: 1976224.0/7

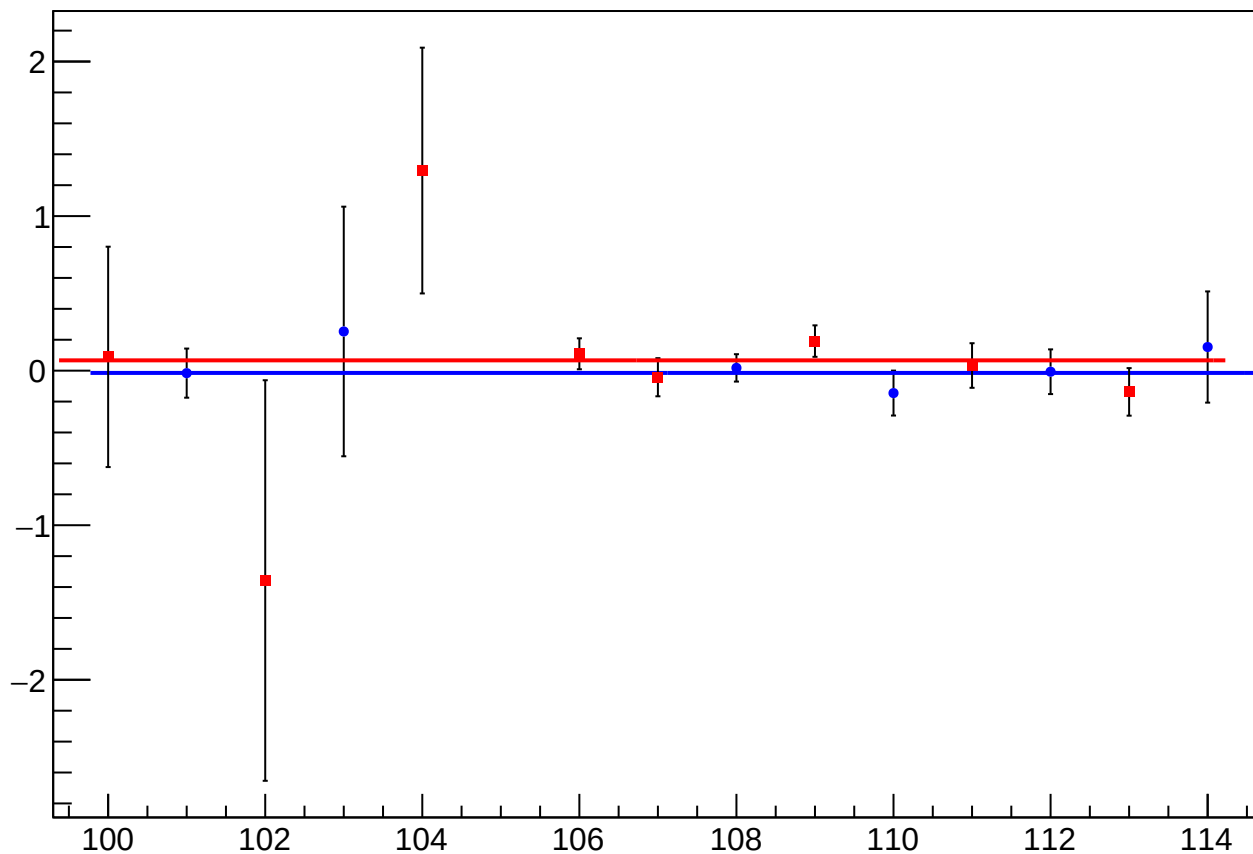
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.811 $\pm$ 0.028 χ^2 /NDF: 3287623.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015 ± 0.061 χ^2/NDF : 1.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.067 ± 0.053 χ^2/NDF : 7.9/7

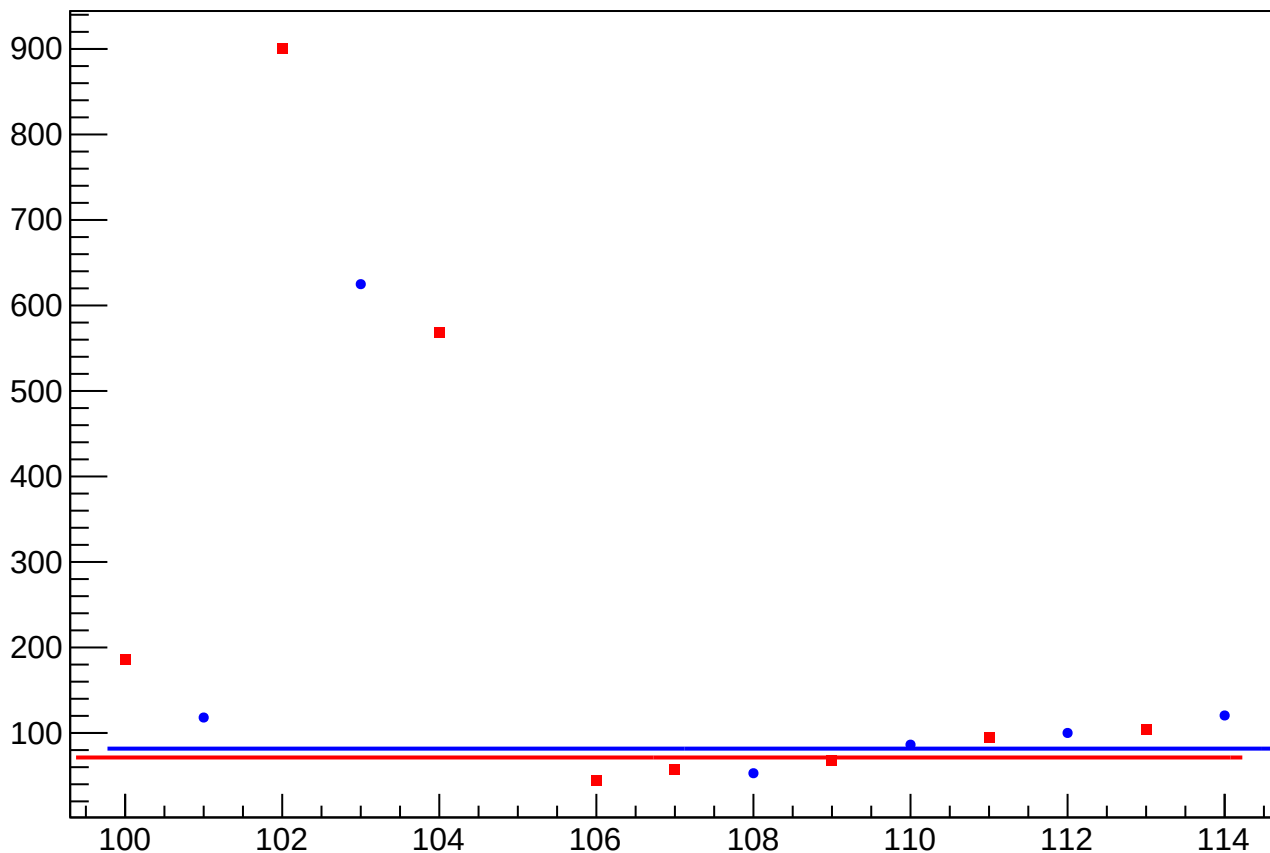
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.040 χ^2/NDF : 10.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 81.697+/-0.043 χ^2/NDF : 1278271.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.329+/-0.037 χ^2/NDF : 1976224.0/7

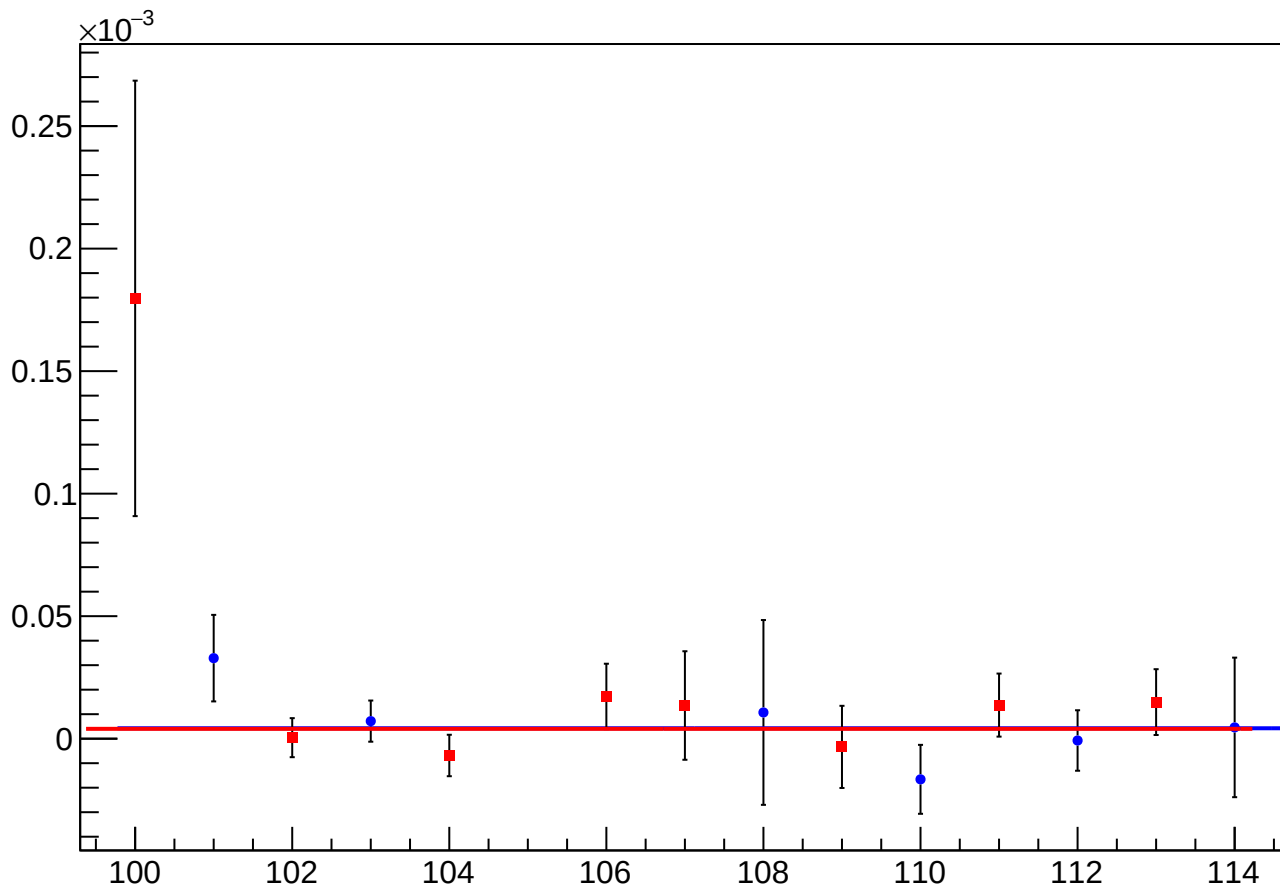
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.811+/-0.028 χ^2/NDF : 3287623.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.4/7

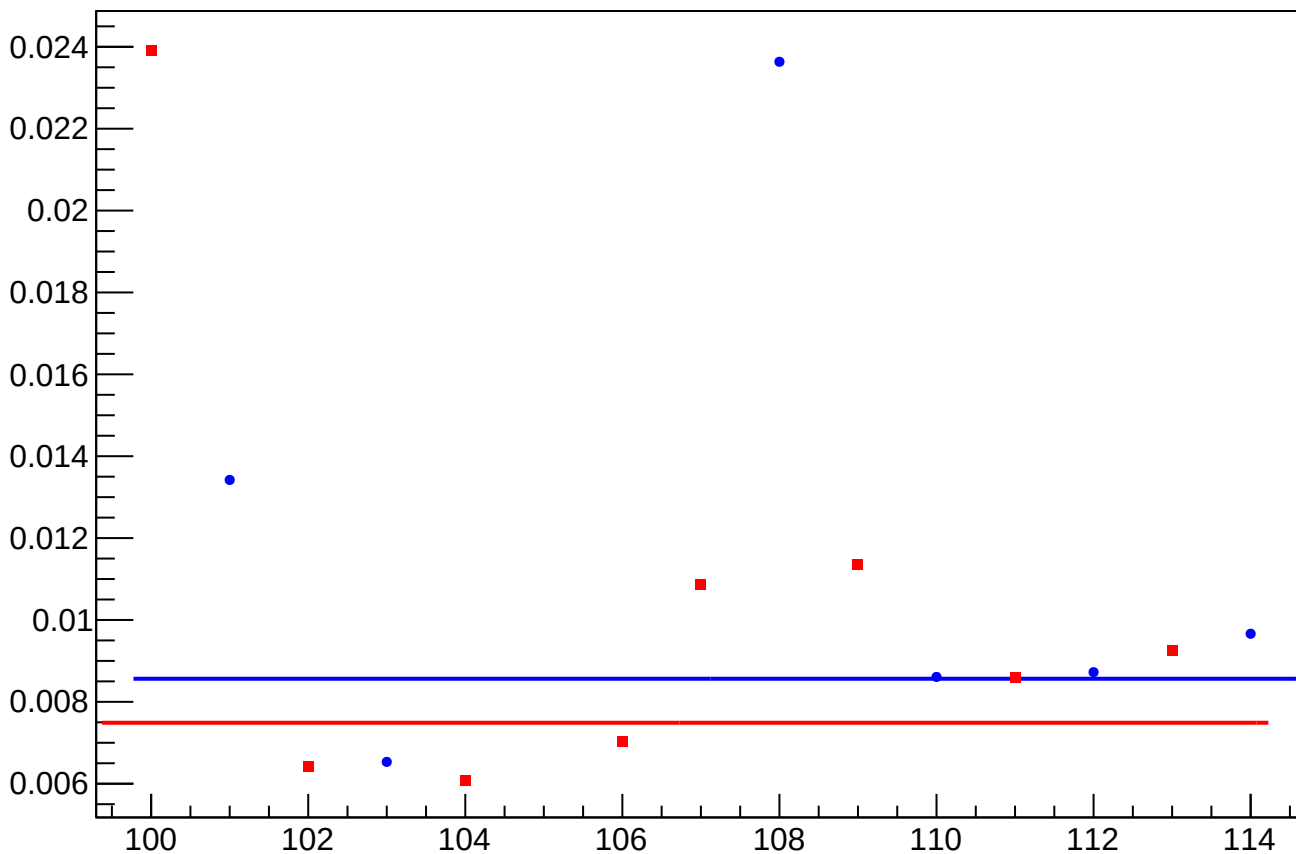
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 590949.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 364595.2/7

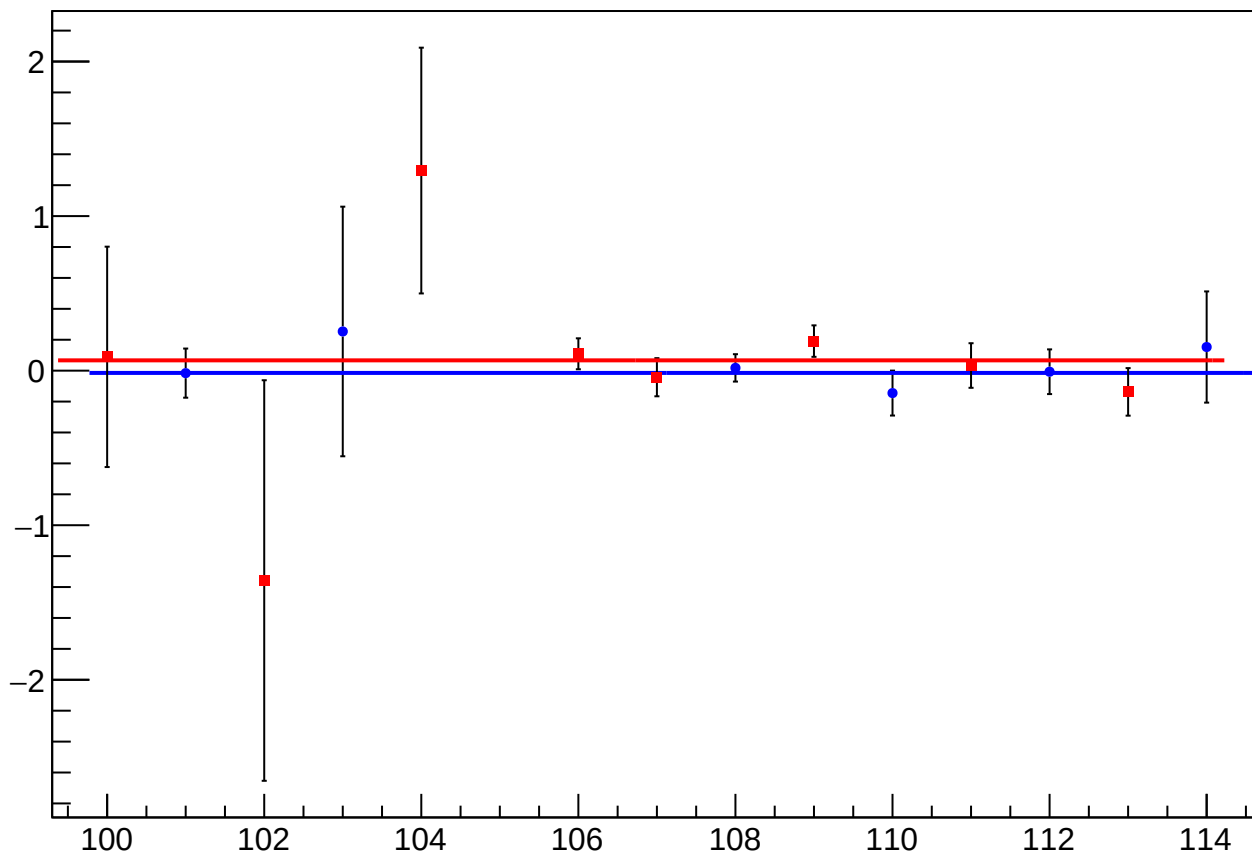
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1000583.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.015 $\pm$ 0.061 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.067 $\pm$ 0.053 χ^2 /NDF: 7.9/7

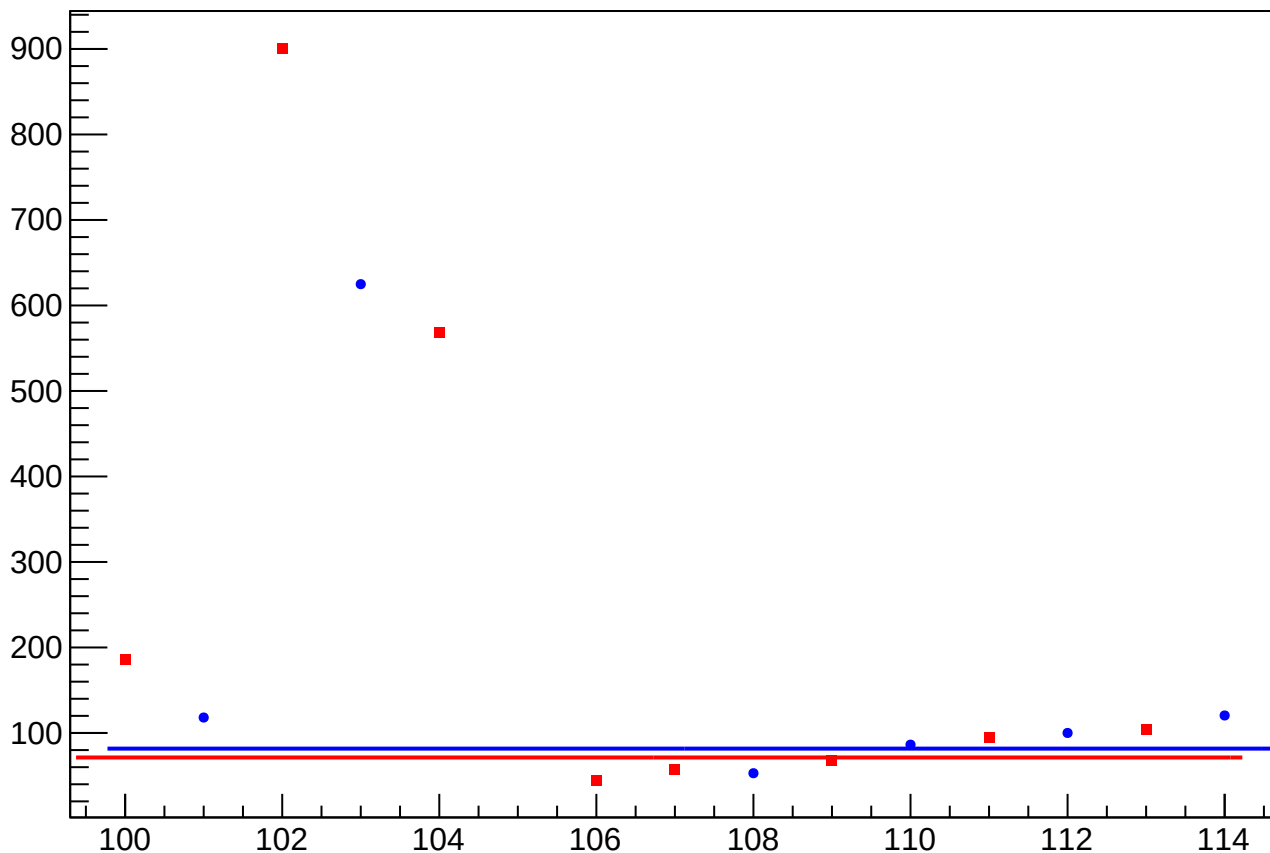
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.040 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 81.705+/-0.043 χ^2/NDF : 1278104.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.329+/-0.037 χ^2/NDF : 1976222.4/7

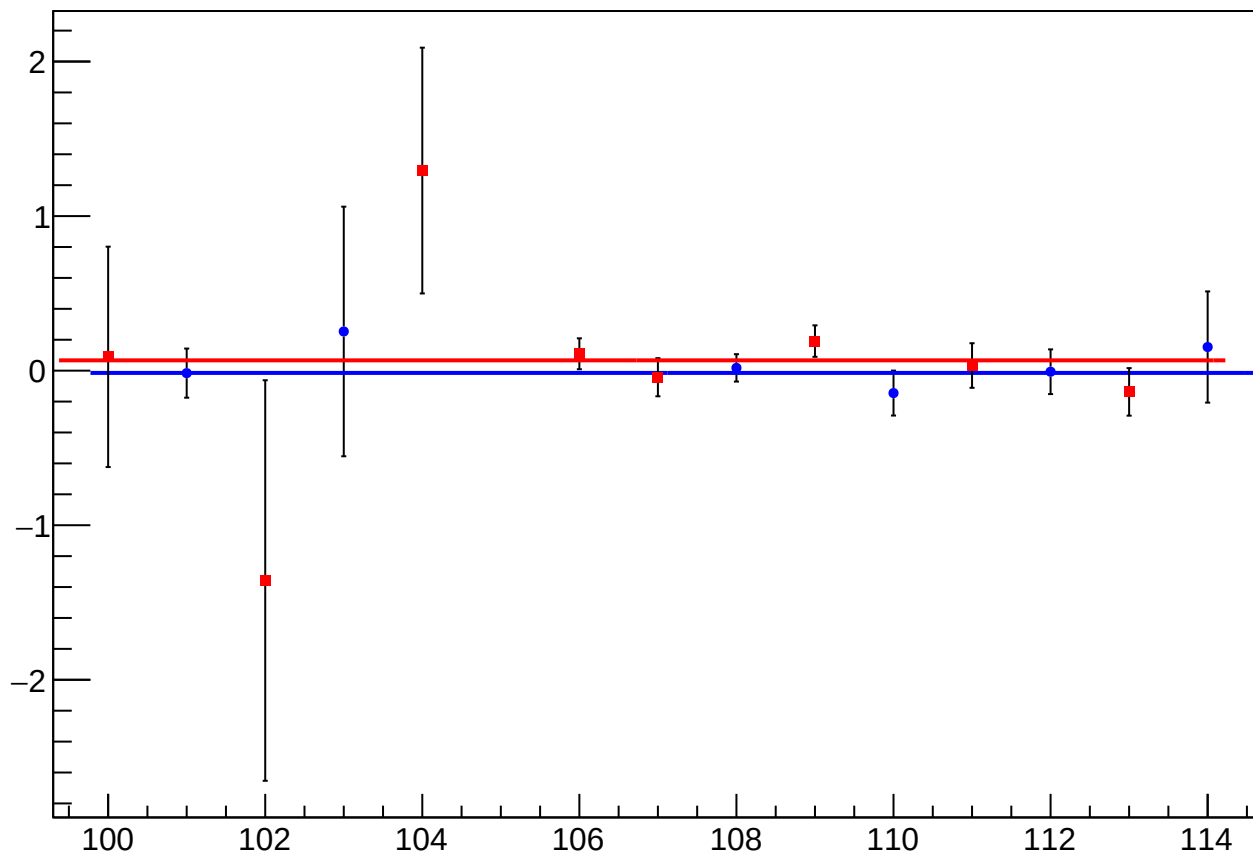
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.814+/-0.028 χ^2/NDF : 3287504.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015 $\pm$ 0.061 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.067 $\pm$ 0.053 χ^2 /NDF: 7.9/7

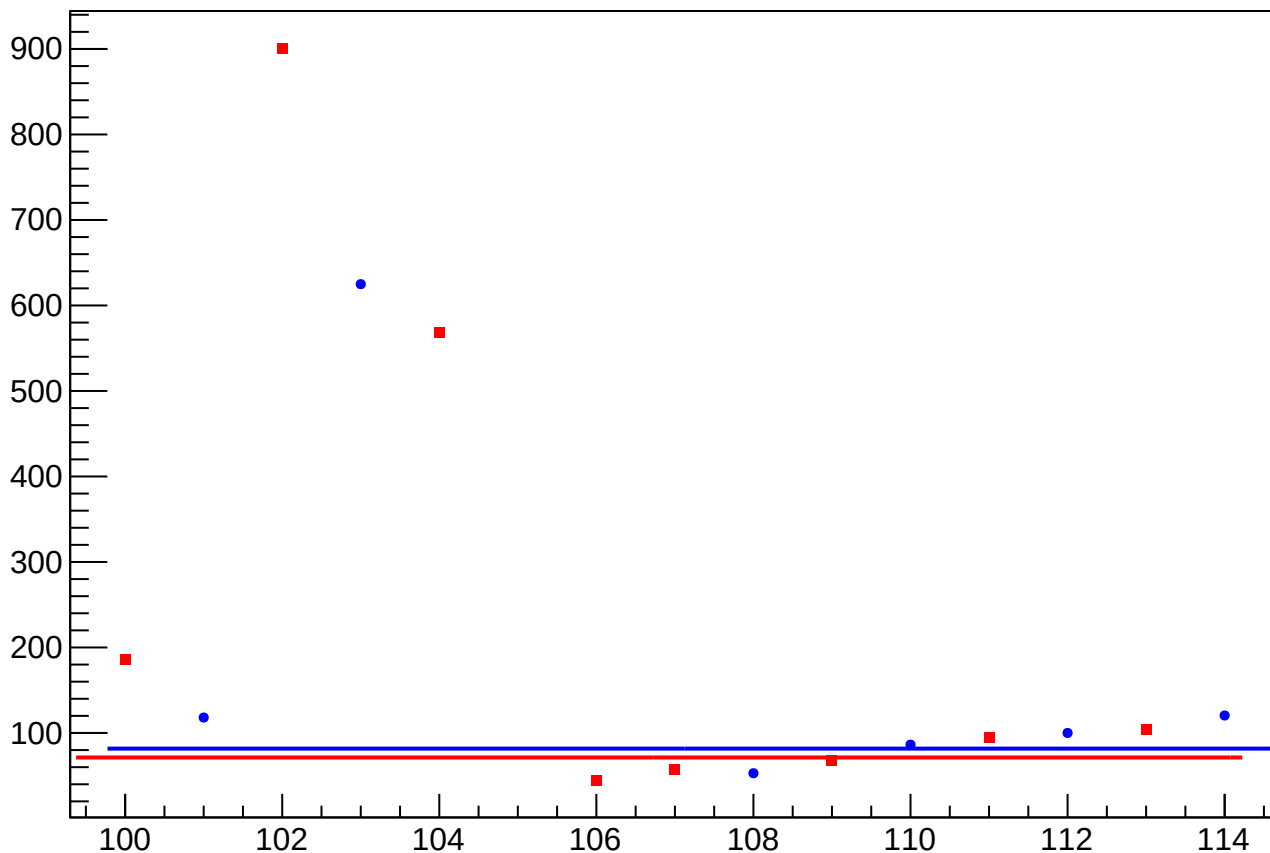
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.040 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 81.705+/-0.043 χ^2/NDF : 1278104.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.329+/-0.037 χ^2/NDF : 1976222.4/7

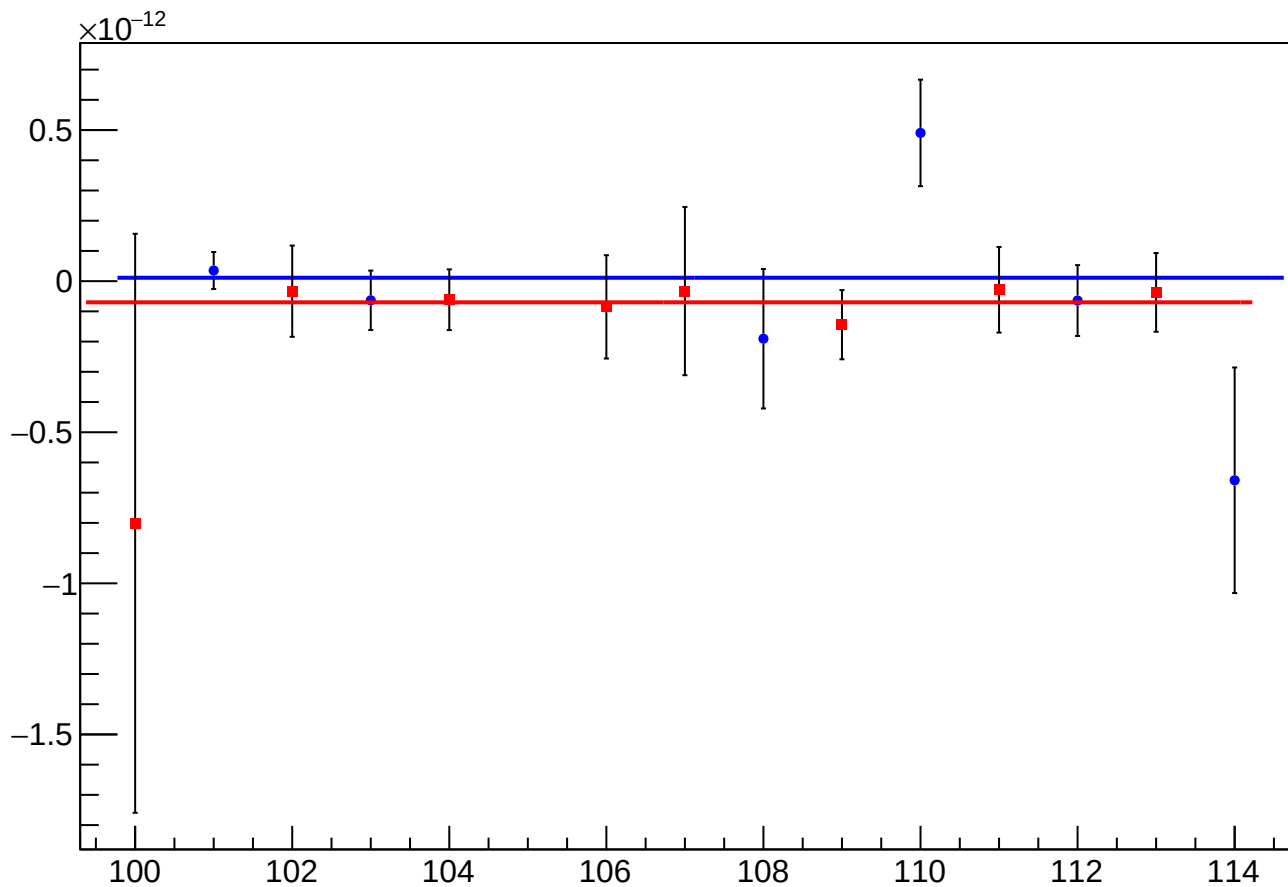
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.814+/-0.028 χ^2/NDF : 3287504.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.2/7

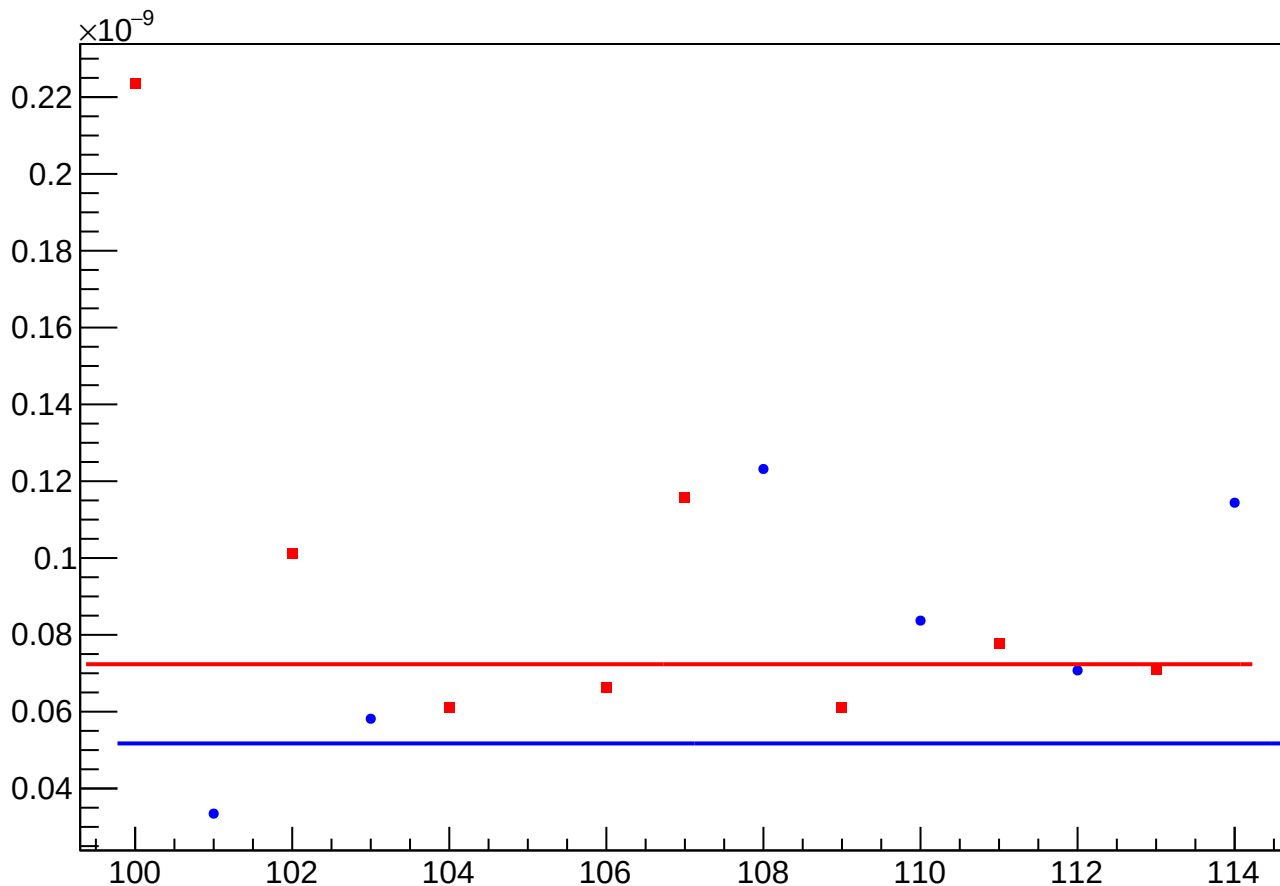
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 552699.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 220958.8/7

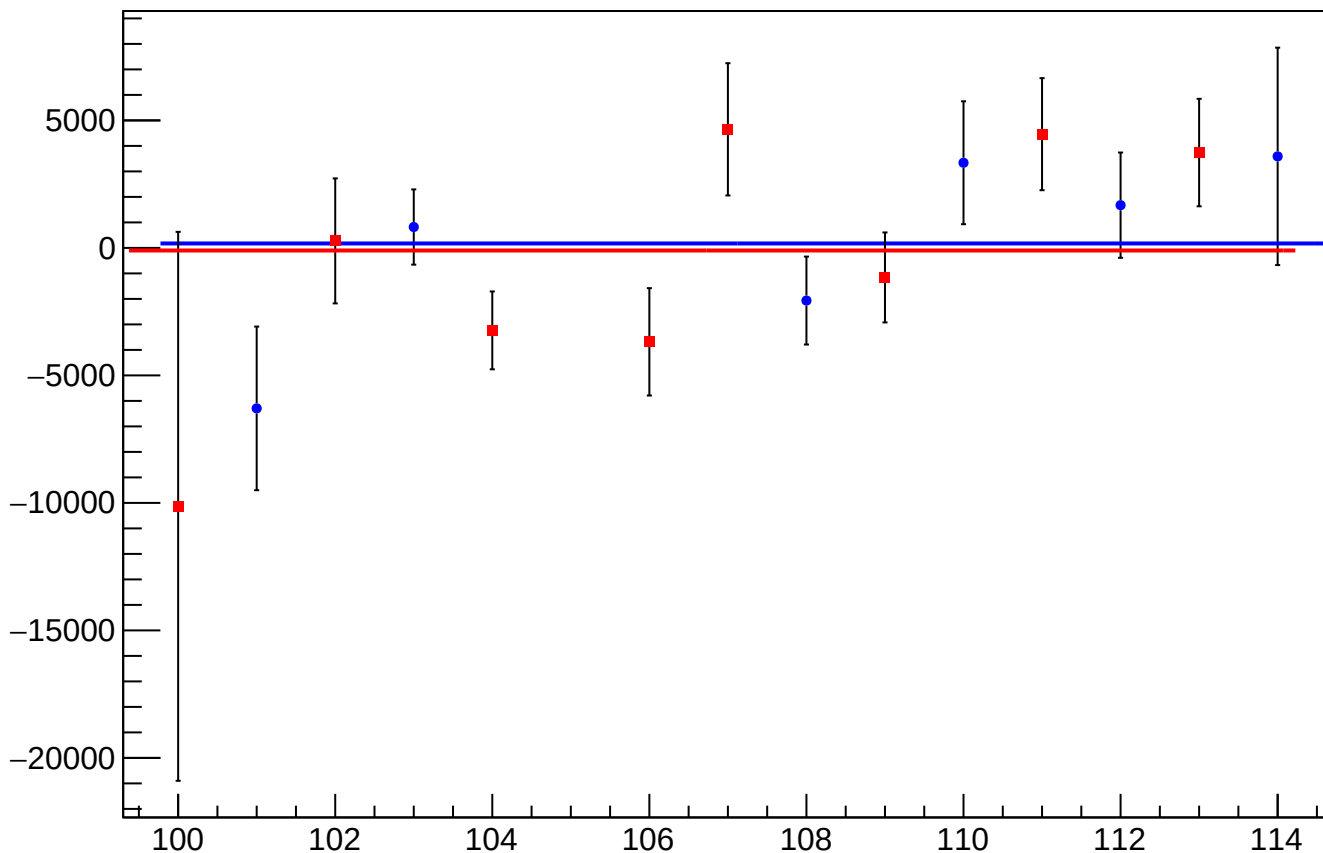
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 956274.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 174.445 $\pm$ 859.130 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -101.184 $\pm$ 759.821 χ^2 /NDF: 19.3/7

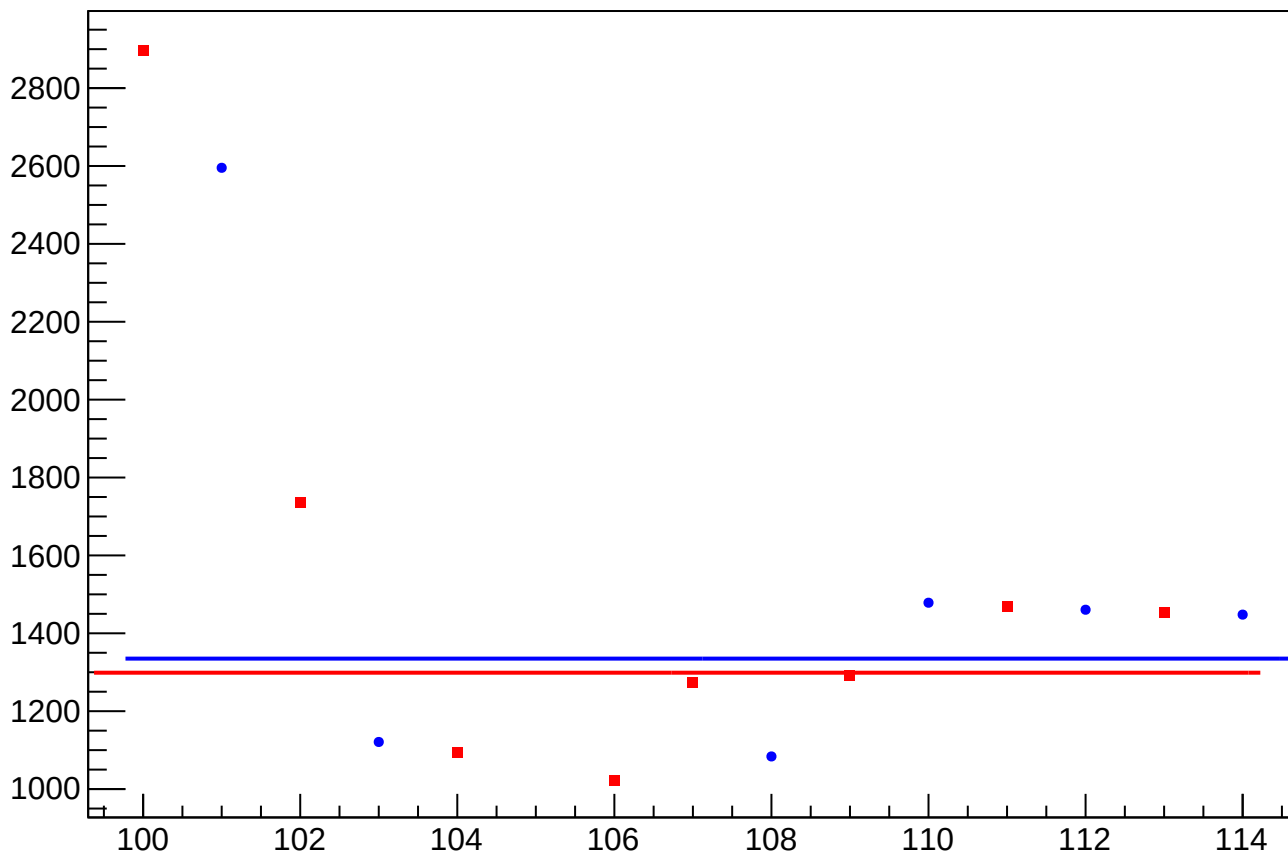
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.786 $\pm$ 569.162 χ^2 /NDF: 28.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1335.001 $\pm$ 0.607 χ^2 /NDF: 409020.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1298.826 $\pm$ 0.537 χ^2 /NDF: 201155.7/7

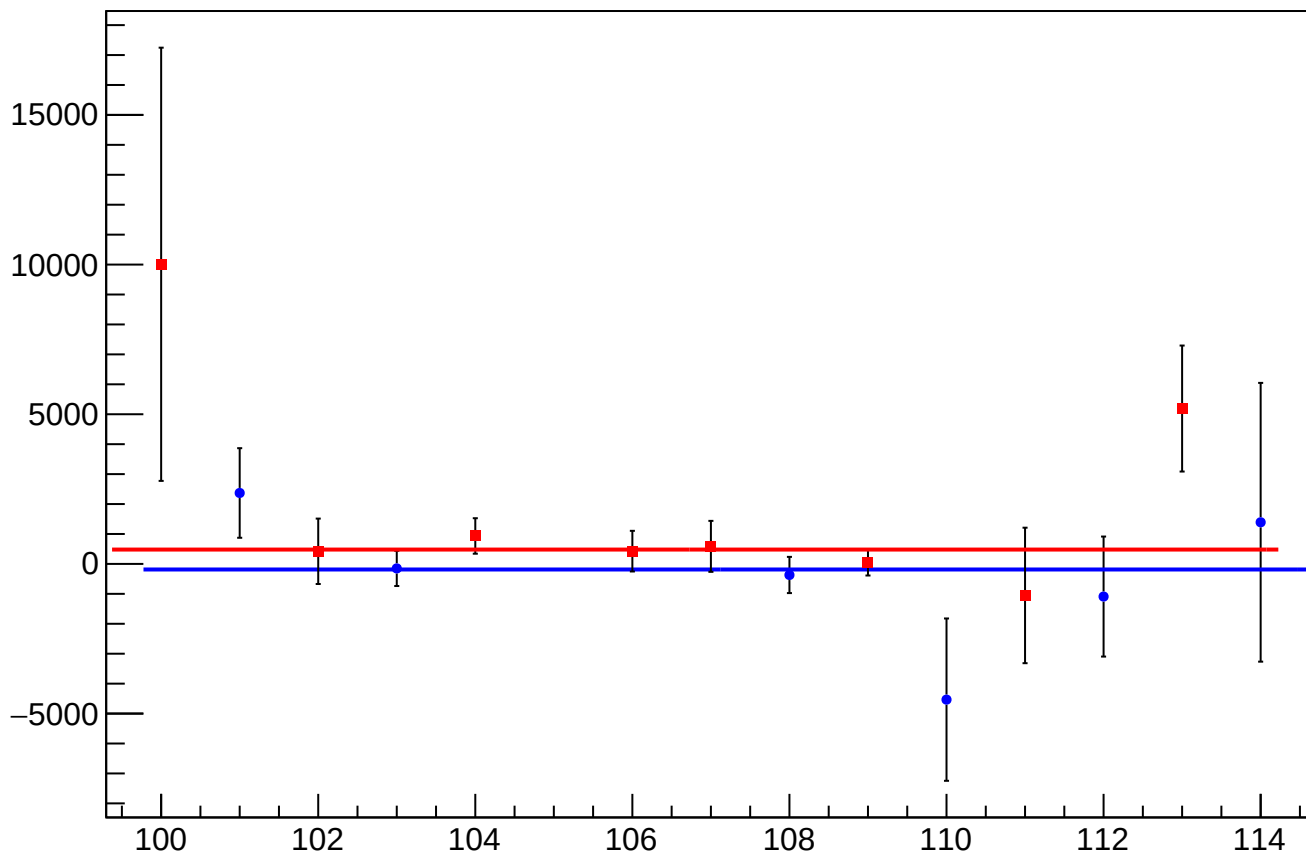
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1314.703 $\pm$ 0.402 χ^2 /NDF: 612165.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug



Right In: -186.320 $\pm$ 392.110 χ^2/NDF : 5.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 479.359 $\pm$ 278.761 χ^2/NDF : 8.8/7

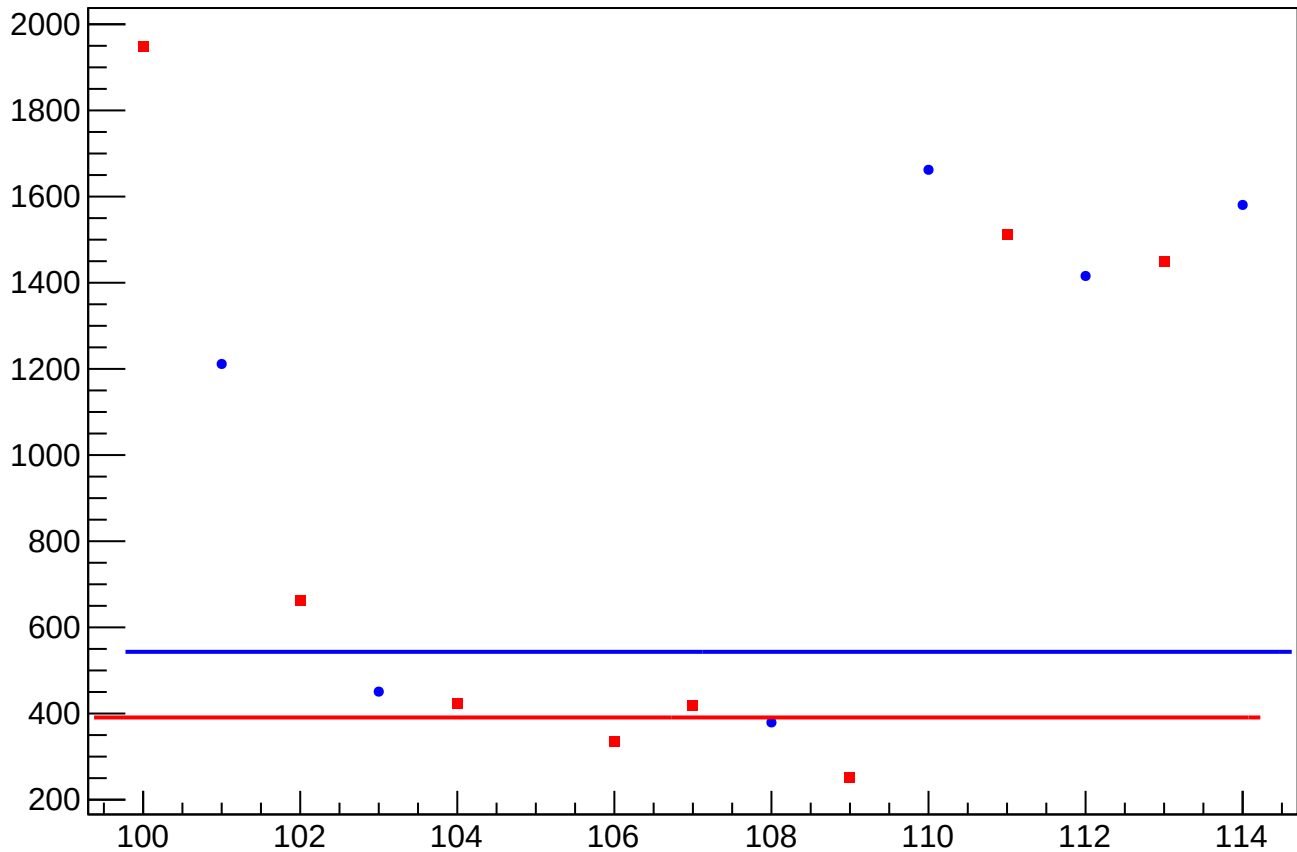
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 255.870 $\pm$ 227.198 χ^2/NDF : 16.6/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 543.240 $\pm$ 0.277 χ^2 /NDF: 1413611.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 390.869 $\pm$ 0.197 χ^2 /NDF: 1438279.0/7

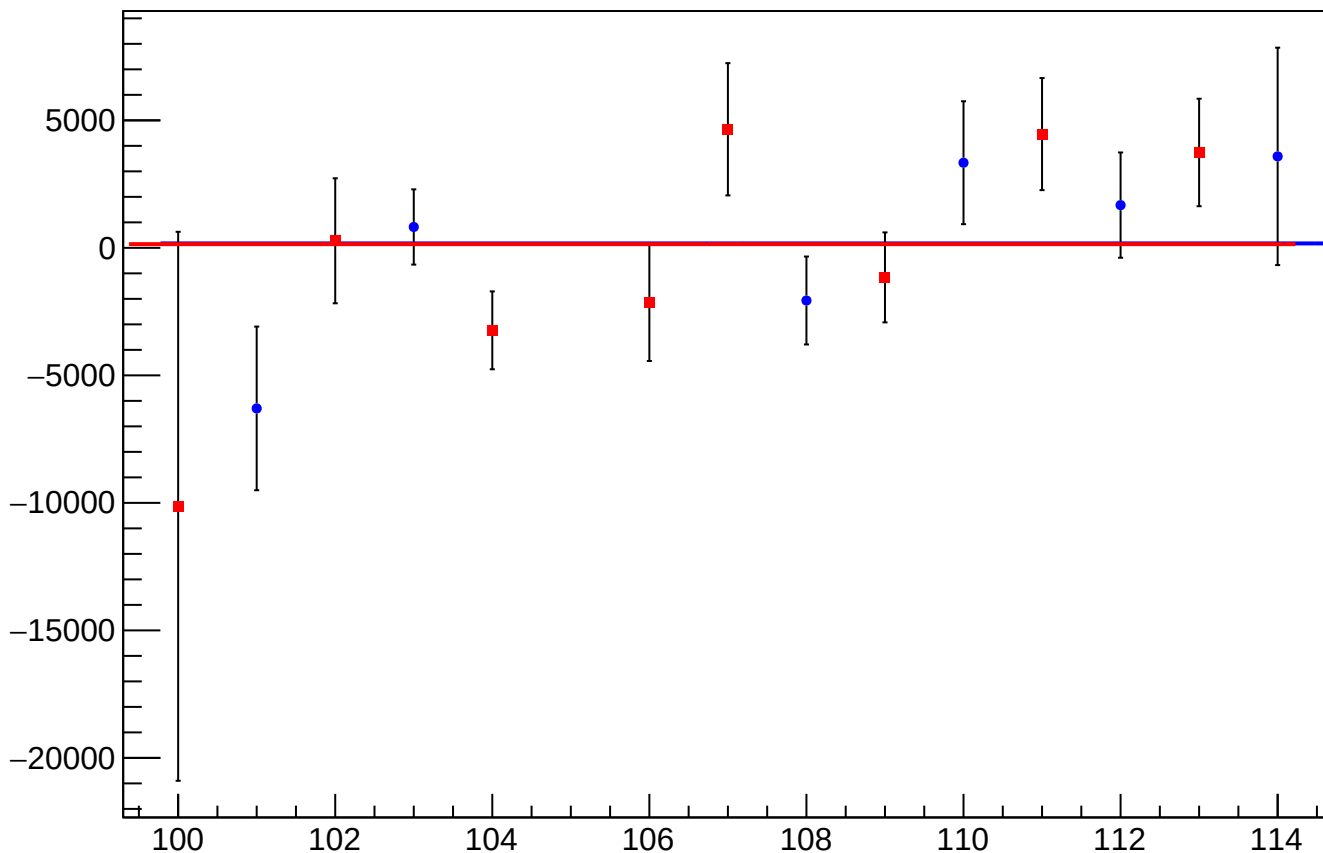
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 442.025 $\pm$ 0.161 χ^2 /NDF: 3052503.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 174.119 $\pm$ 859.130 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.786 $\pm$ 767.594 χ^2 /NDF: 17.1/7

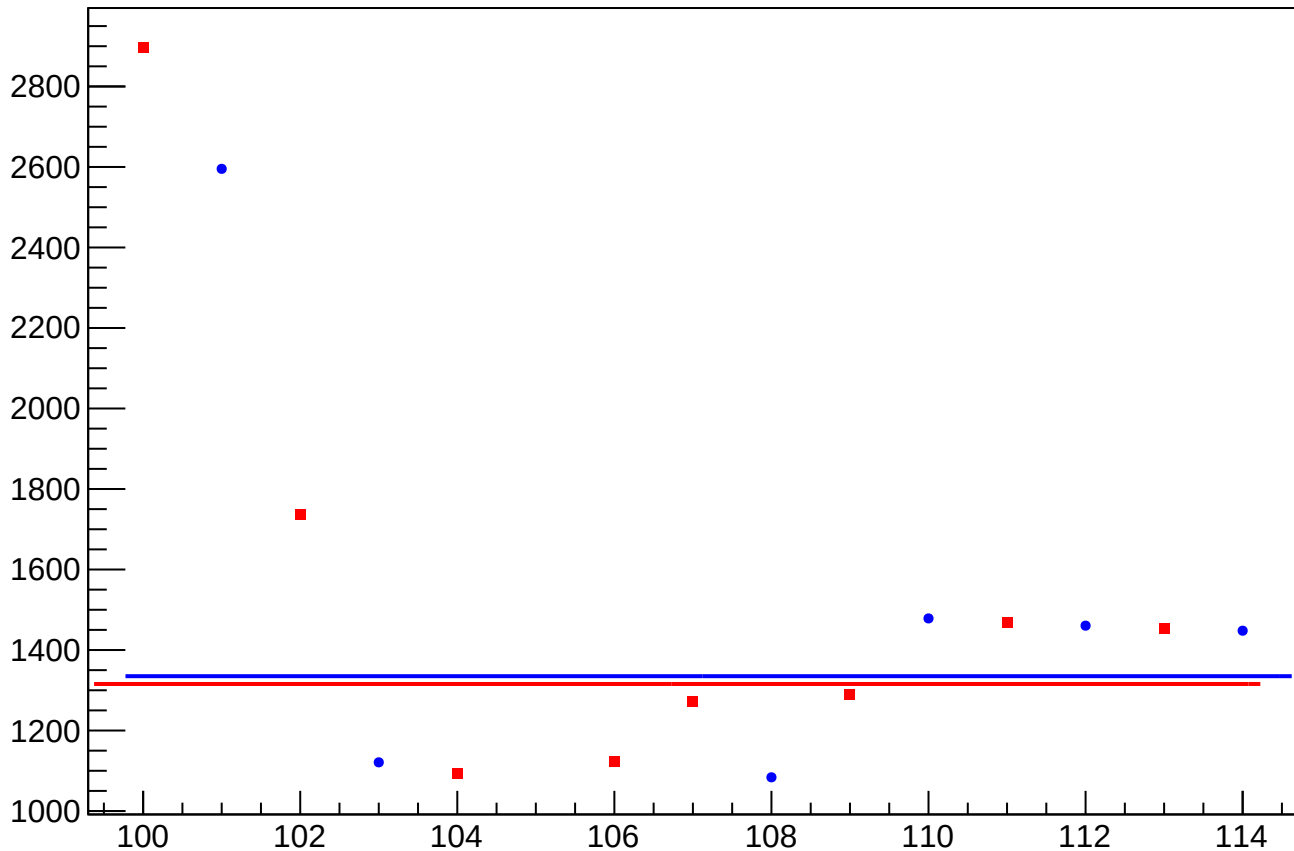
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.363 $\pm$ 572.408 χ^2 /NDF: 26.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1335.000+/-0.607 χ^2/NDF : 409020.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.646+/-0.543 χ^2/NDF : 177741.1/7

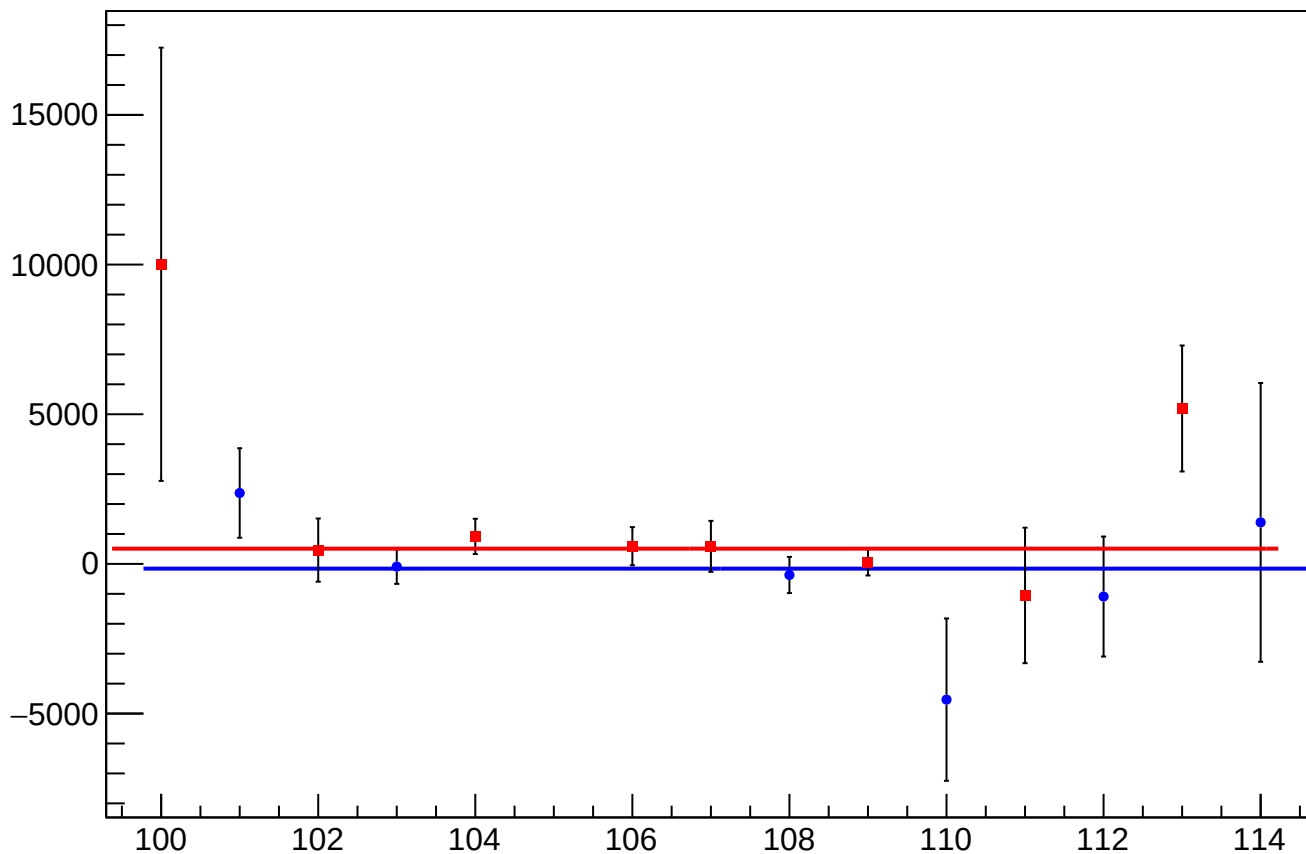
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.237+/-0.405 χ^2/NDF : 587326.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug



Right In: -158.572 $\pm$ 388.741 χ^2 /NDF: 5.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 509.256 $\pm$ 274.731 χ^2 /NDF: 8.7/7

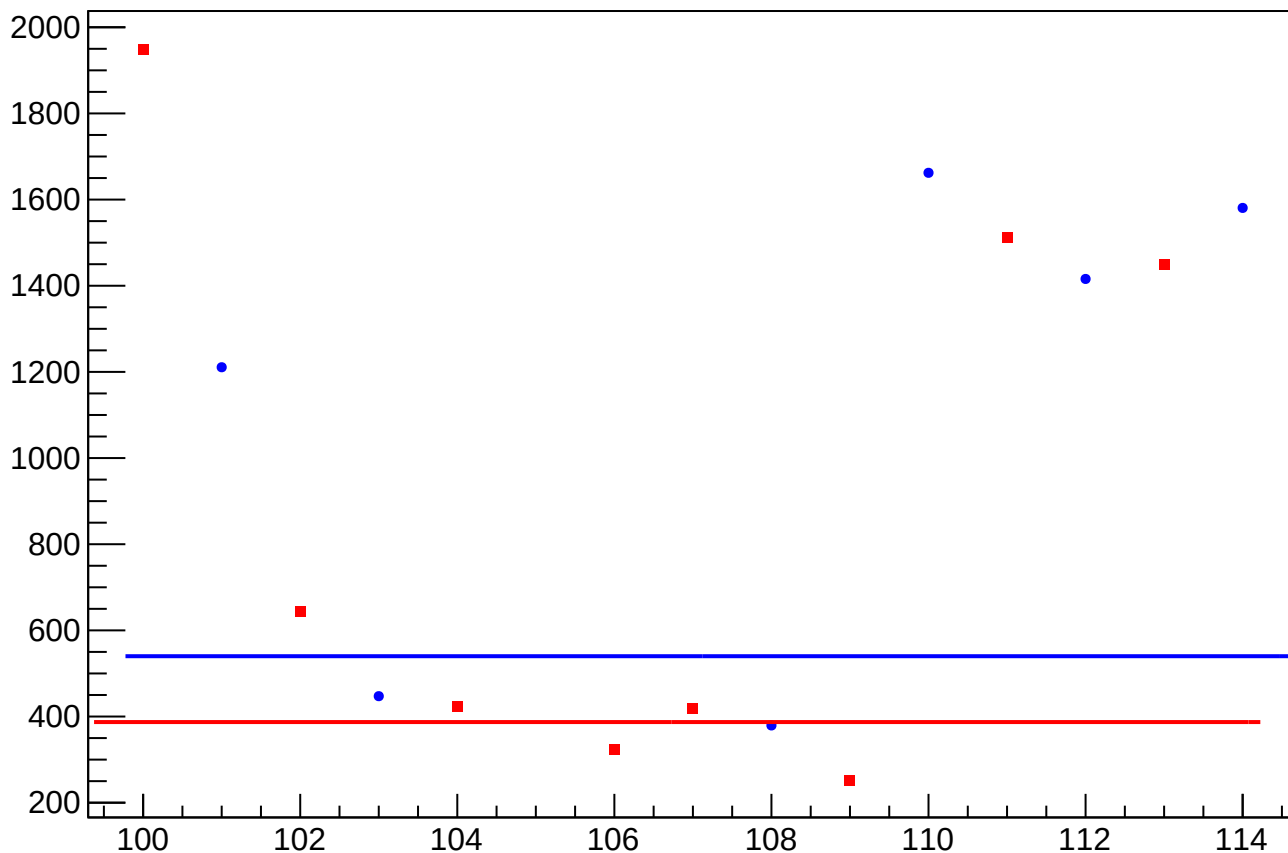
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 286.809 $\pm$ 224.358 χ^2 /NDF: 16.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 540.032+/-0.275 χ^2/NDF : 1419100.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.169+/-0.194 χ^2/NDF : 1436633.1/7

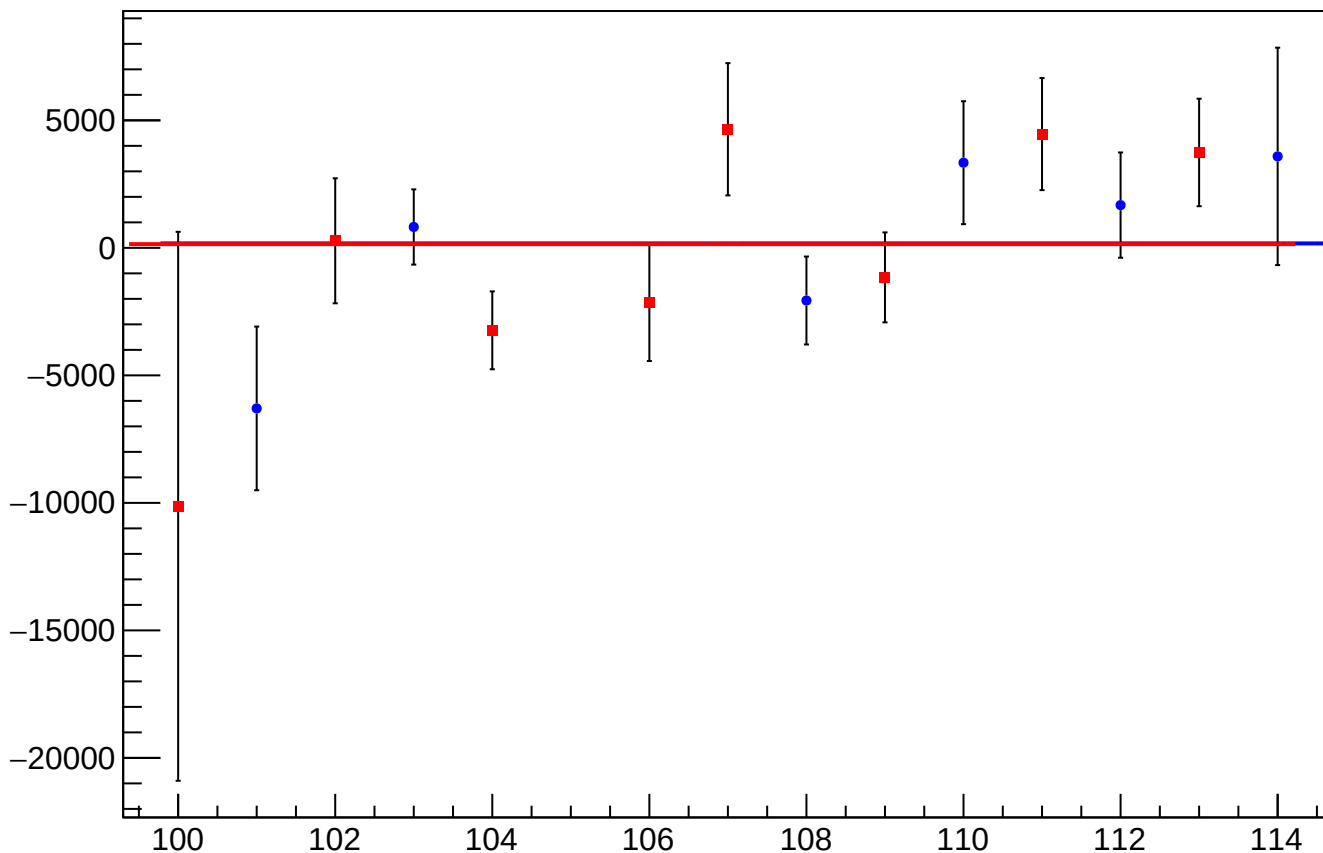
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.086+/-0.159 χ^2/NDF : 3061977.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 174.119+/-859.130 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.786+/-767.594 χ^2/NDF : 17.1/7

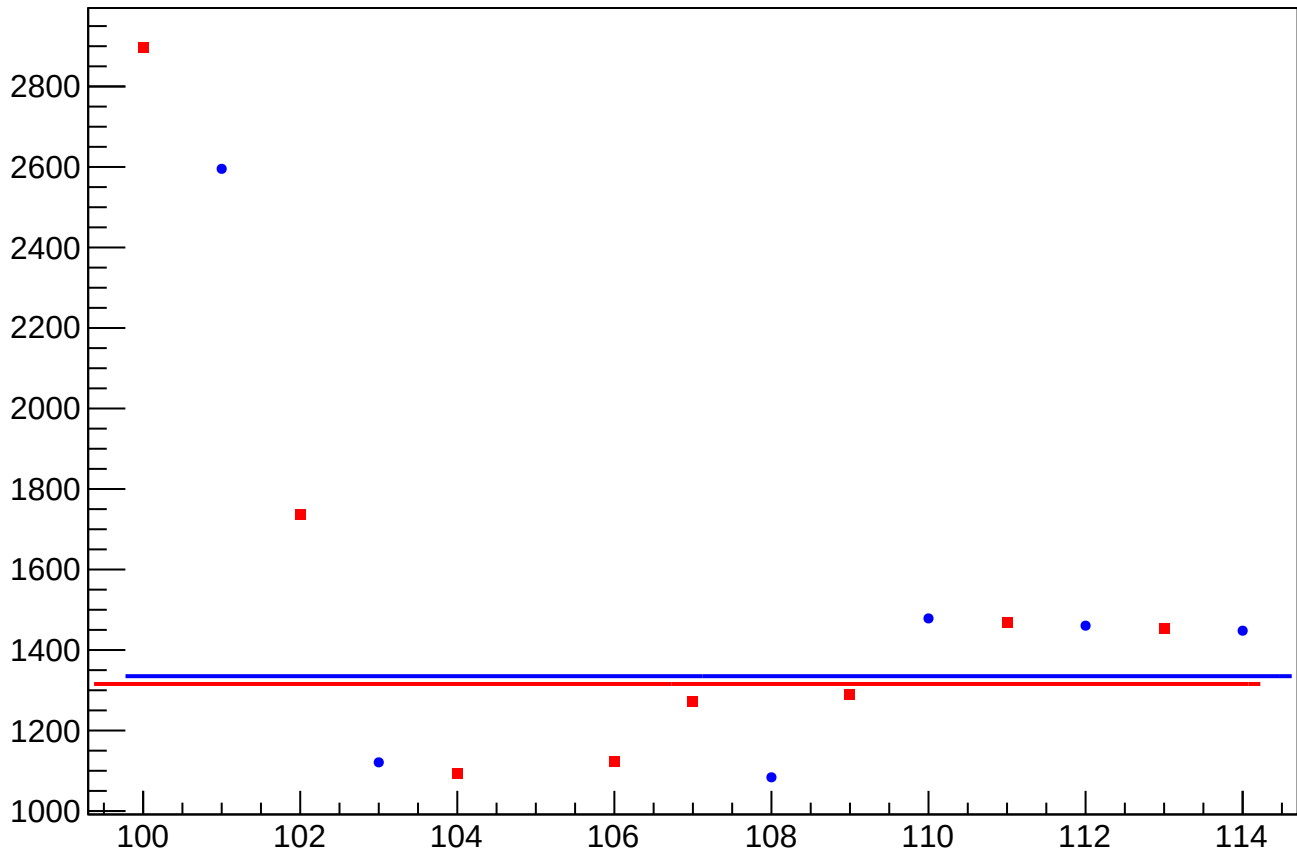
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.363+/-572.408 χ^2/NDF : 26.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1335.000+/-0.607 χ^2/NDF : 409020.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.646+/-0.543 χ^2/NDF : 177741.1/7

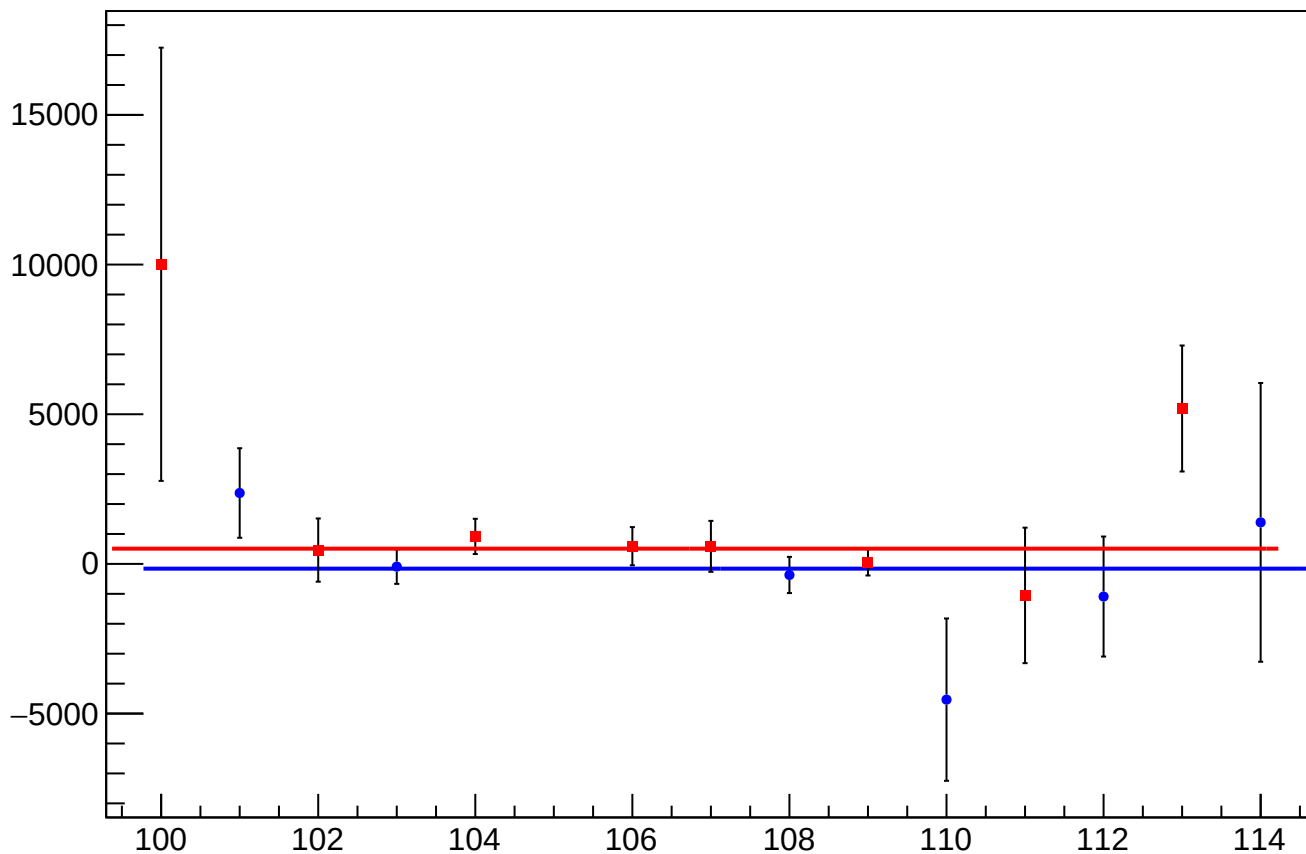
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.237+/-0.405 χ^2/NDF : 587326.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: -158.572+/-388.741 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.256+/-274.731 χ^2/NDF : 8.7/7

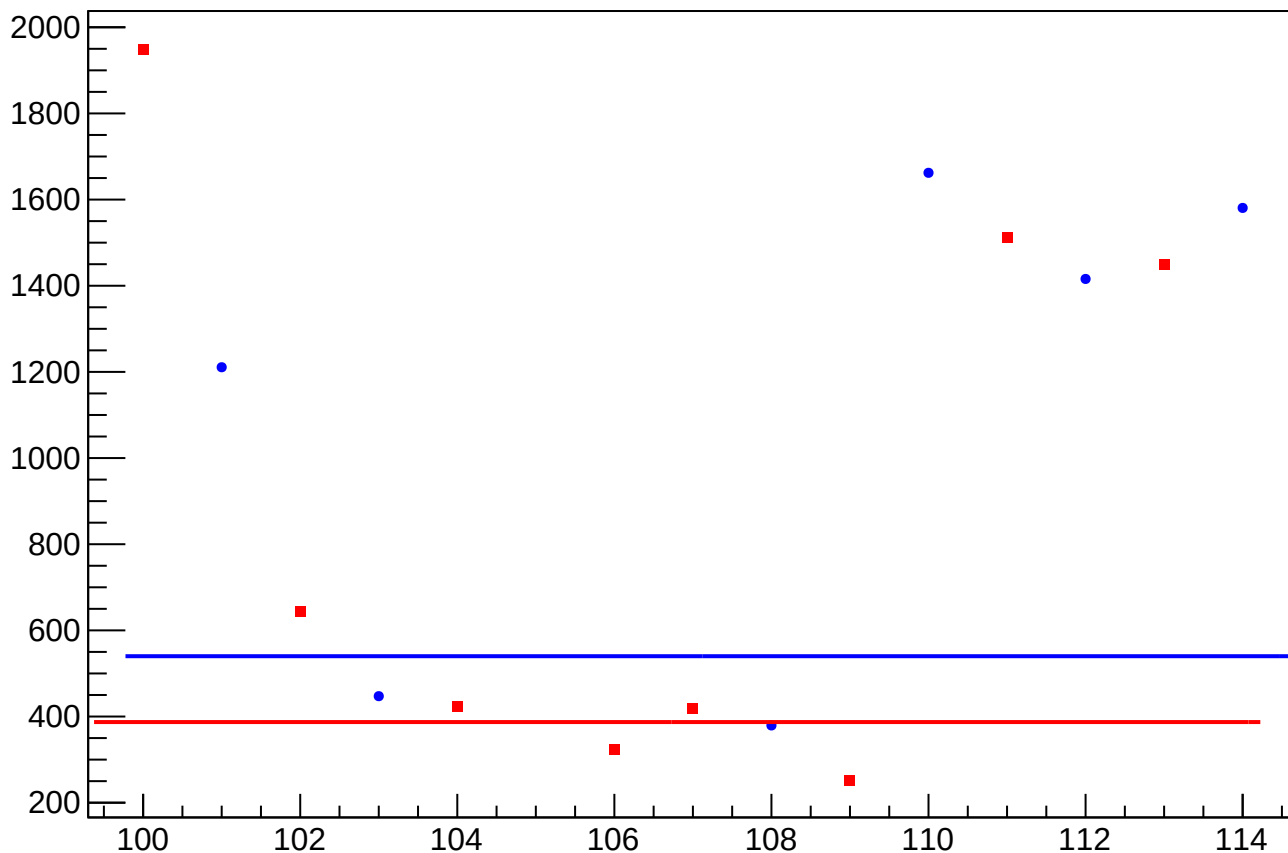
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.809+/-224.358 χ^2/NDF : 16.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 540.032+/-0.275 χ^2/NDF : 1419100.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.169+/-0.194 χ^2/NDF : 1436633.1/7

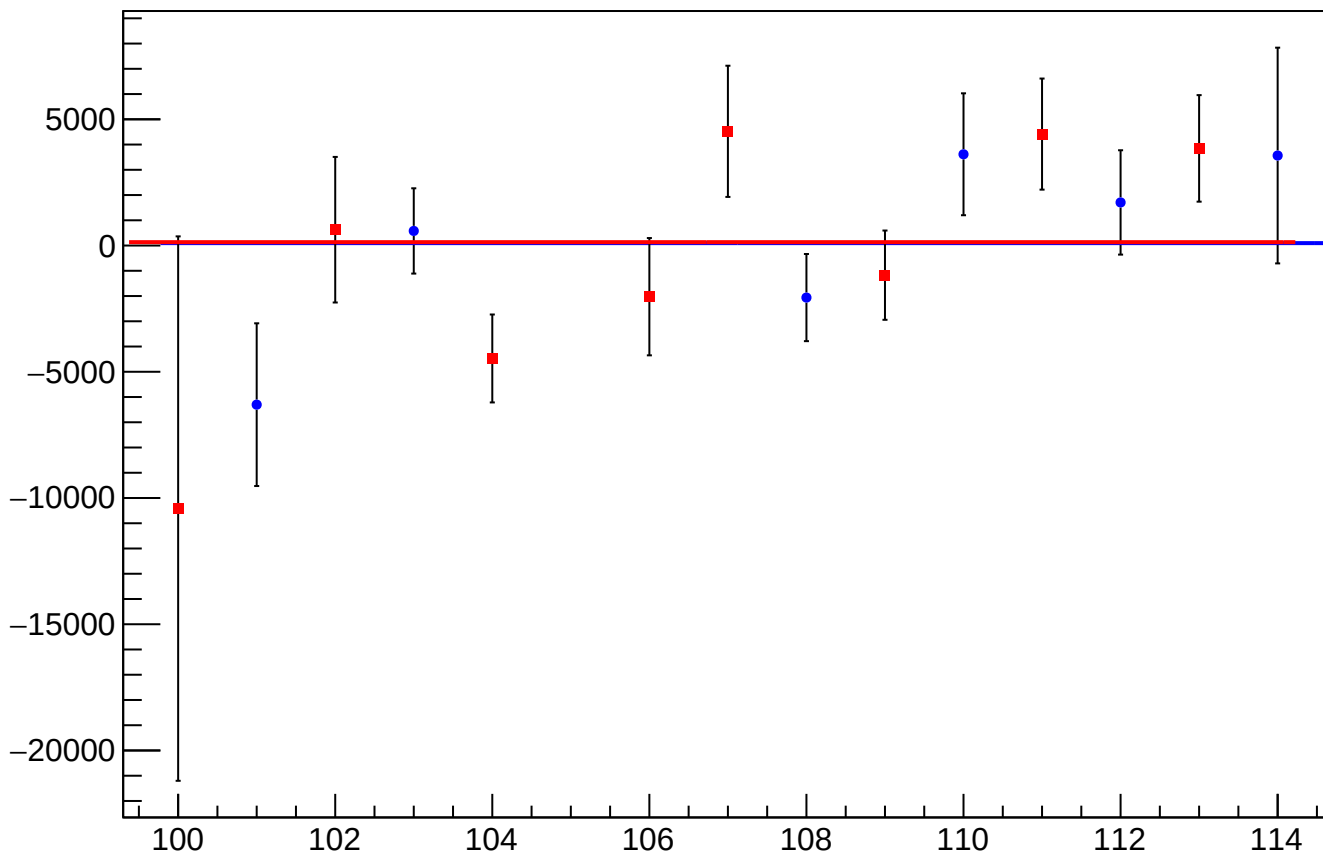
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.086+/-0.159 χ^2/NDF : 3061977.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 95.671+/-896.971 χ^2 /NDF: 9.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 133.846+/-804.981 χ^2 /NDF: 19.1/7

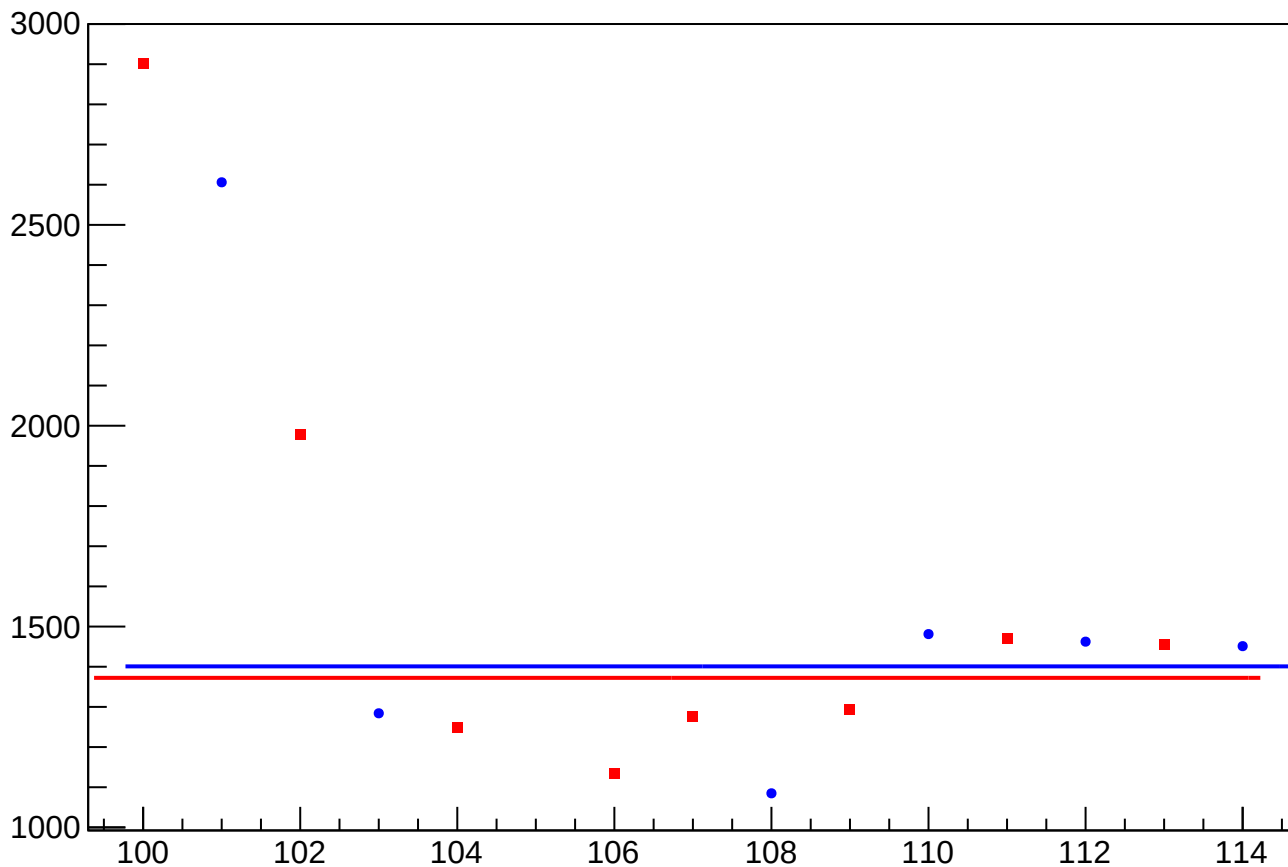
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 116.816+/-599.098 χ^2 /NDF: 28.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1400.889 $\pm$ 0.634 χ^2 /NDF: 360586.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1372.315 $\pm$ 0.569 χ^2 /NDF: 173770.7/7

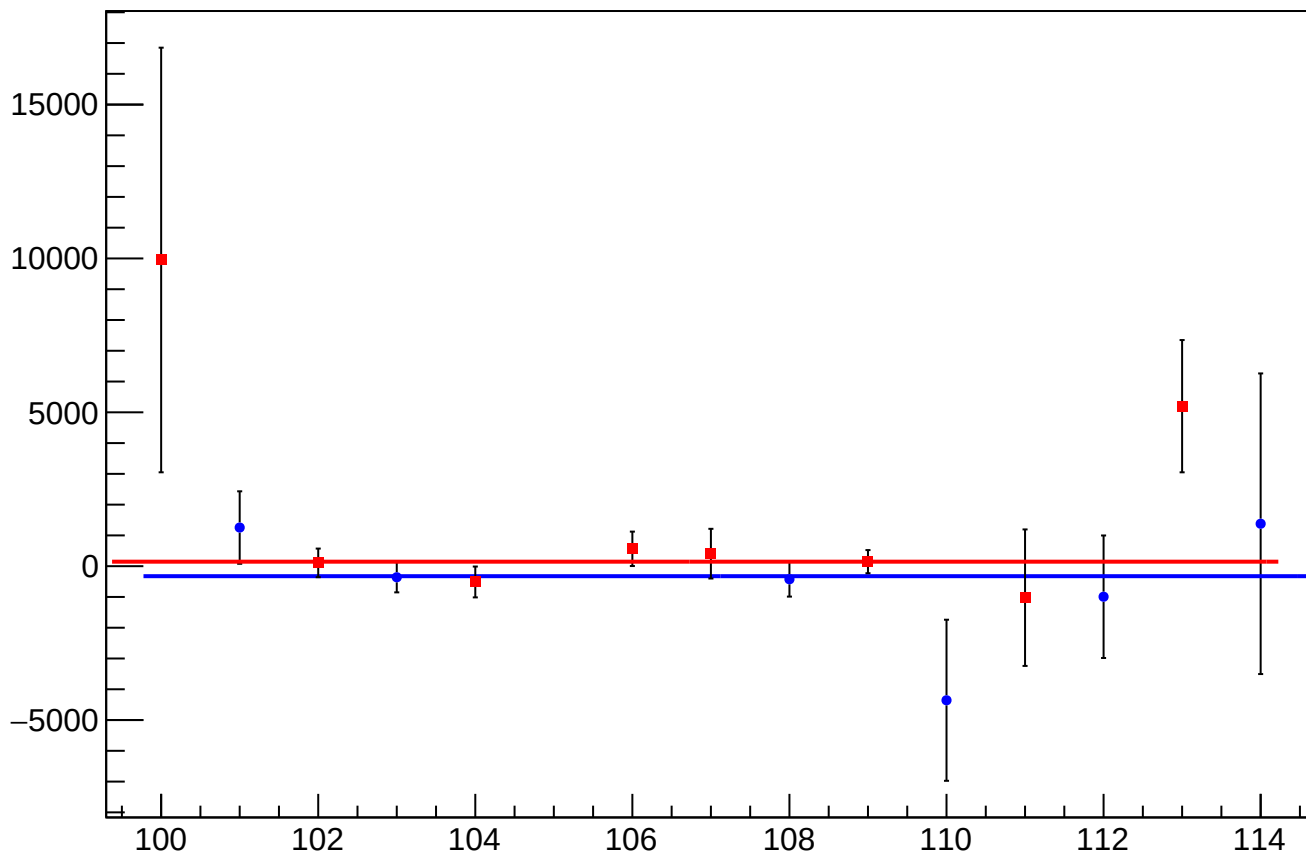
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1385.062 $\pm$ 0.424 χ^2 /NDF: 535481.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug



Right In: -325.197 $\pm$ 344.148 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.233 $\pm$ 218.992 χ^2 /NDF: 10.2/7

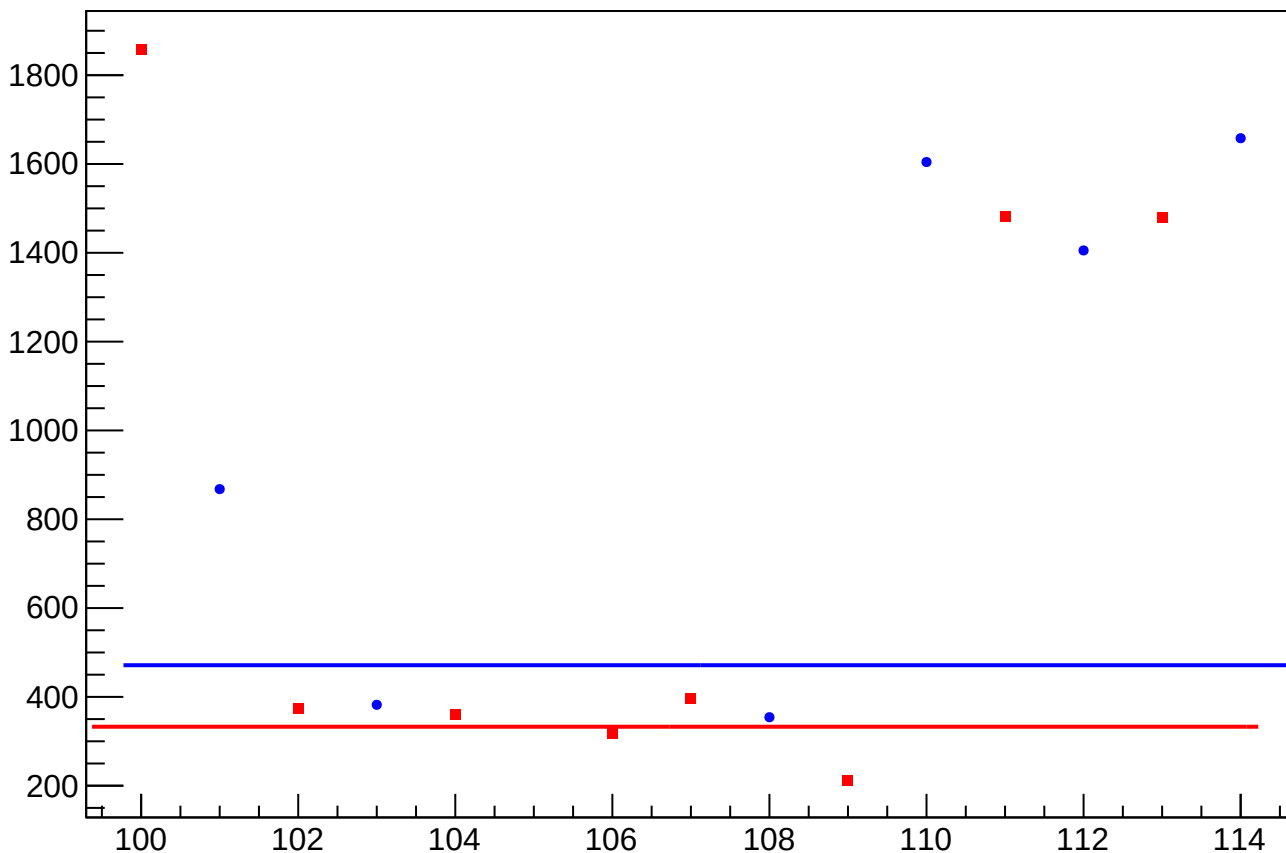
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.360 $\pm$ 184.758 χ^2 /NDF: 16.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



Right In: 471.341+/-0.243 χ^2/NDF : 1311873.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

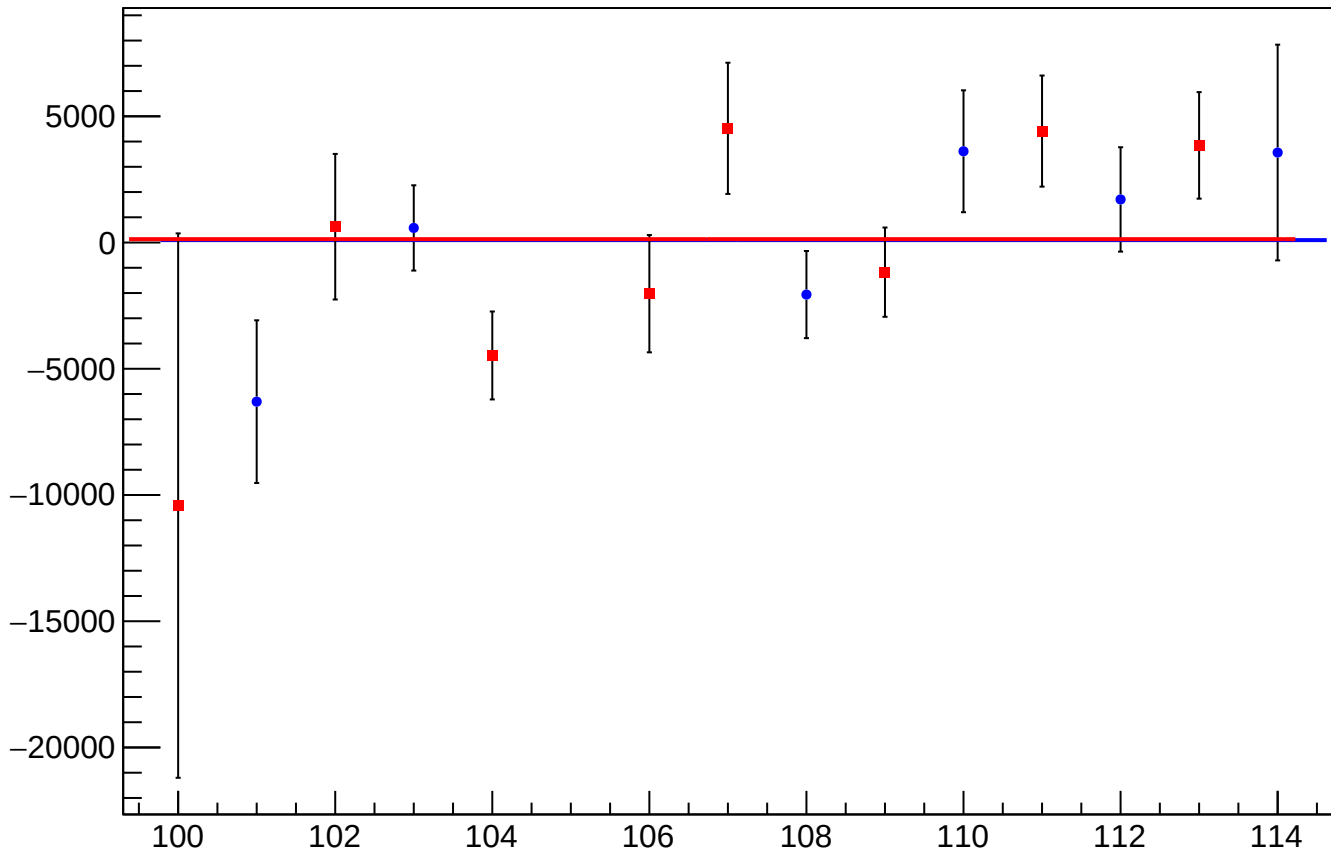
Right Out: 332.819+/-0.155 χ^2/NDF : 1447256.6/7

All: 372.743+/-0.131 χ^2/NDF : 2989767.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 95.664+/-896.971 χ^2/NDF : 9.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.849+/-804.981 χ^2/NDF : 19.1/7

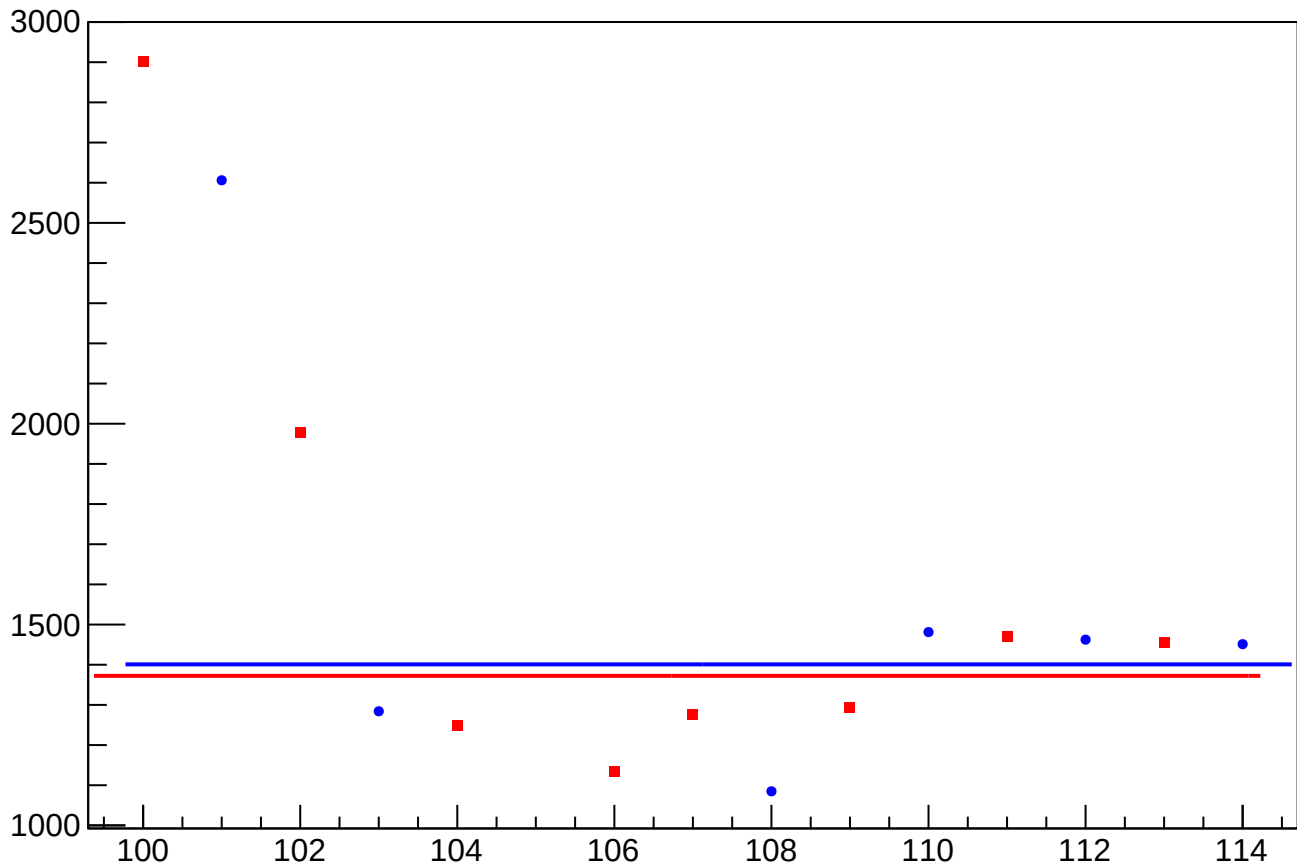
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.814+/-599.098 χ^2/NDF : 28.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1400.889 $\pm$ 0.634 χ^2 /NDF: 360586.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1372.315 $\pm$ 0.569 χ^2 /NDF: 173770.7/7

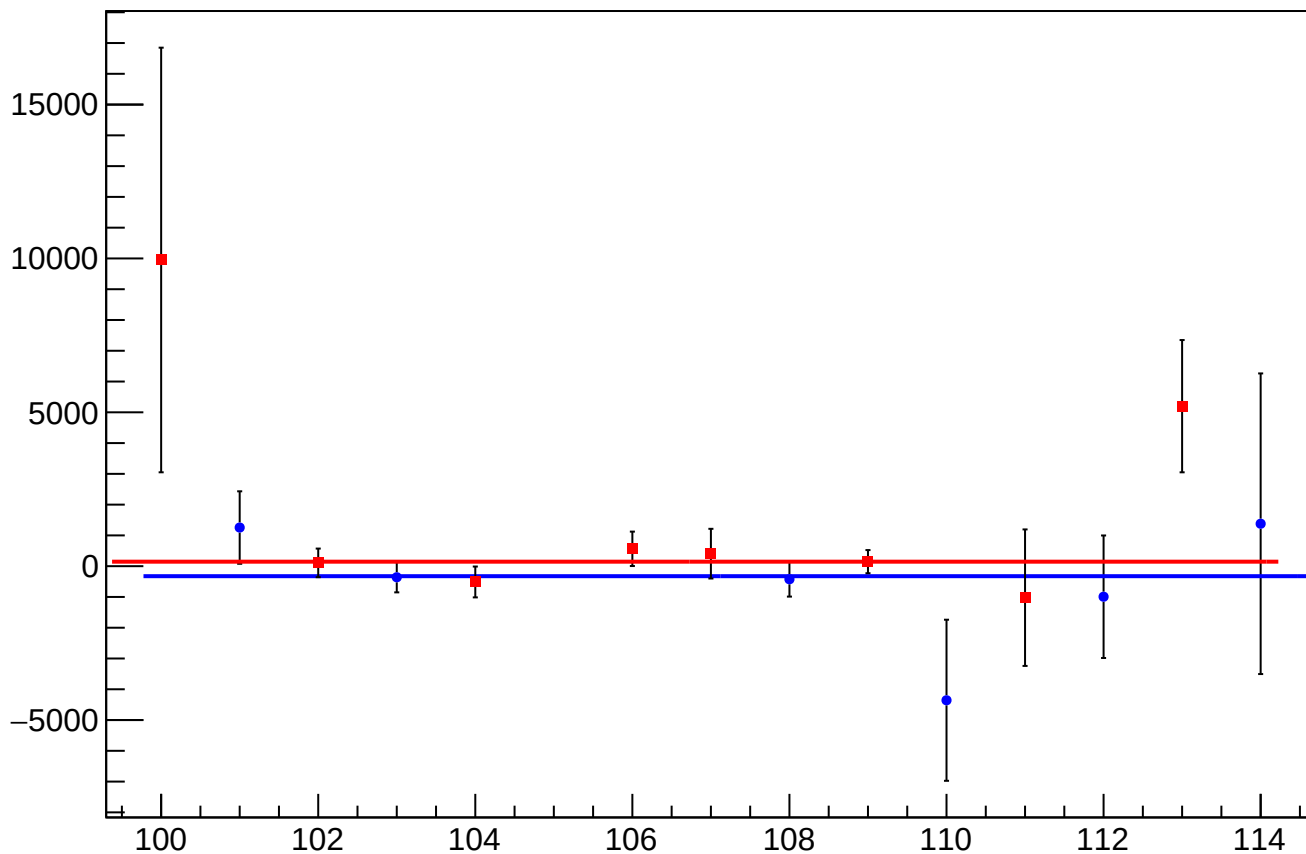
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1385.062 $\pm$ 0.424 χ^2 /NDF: 535481.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -325.204 $\pm$ 344.143 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.227 $\pm$ 218.993 χ^2 /NDF: 10.2/7

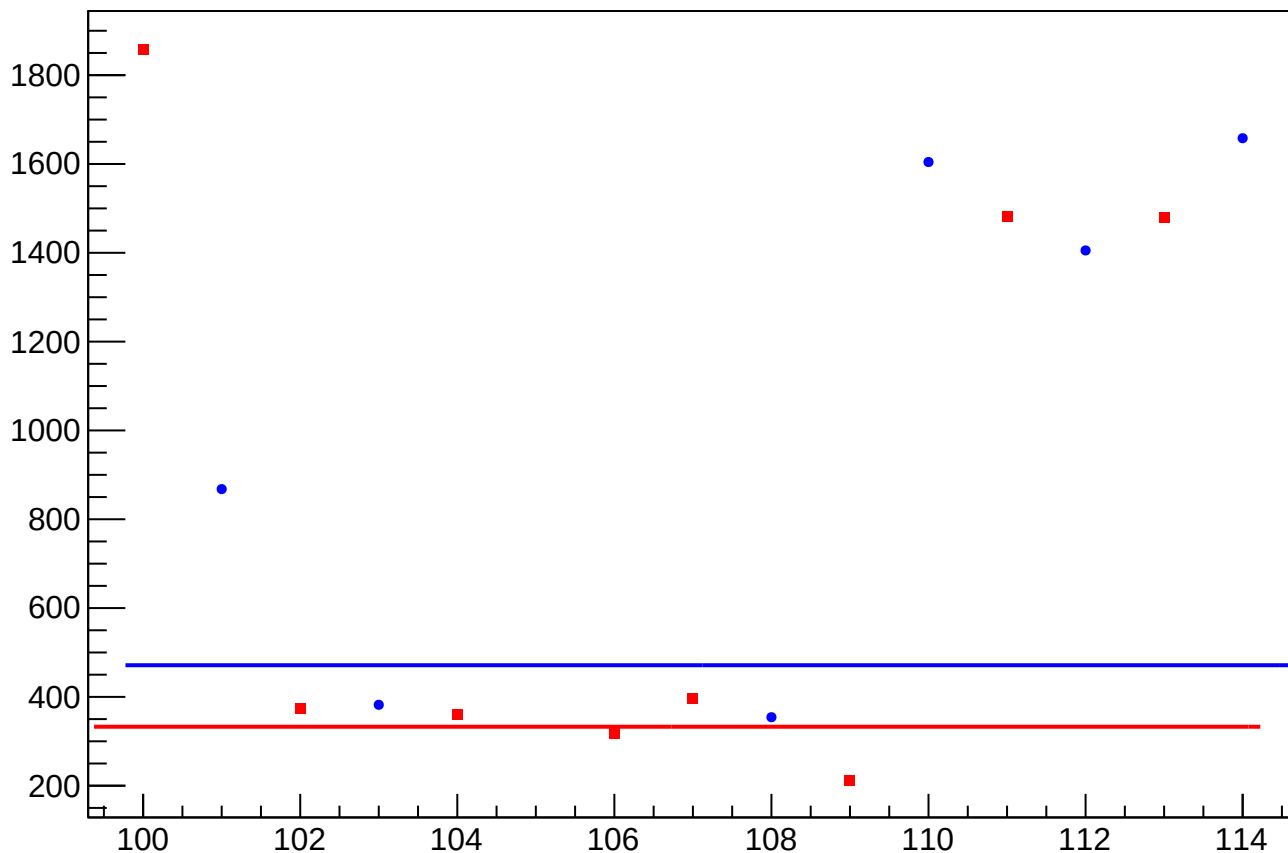
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.350 $\pm$ 184.758 χ^2 /NDF: 16.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 471.333+/-0.243 χ^2/NDF : 1311899.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 332.823+/-0.155 χ^2/NDF : 1447207.6/7

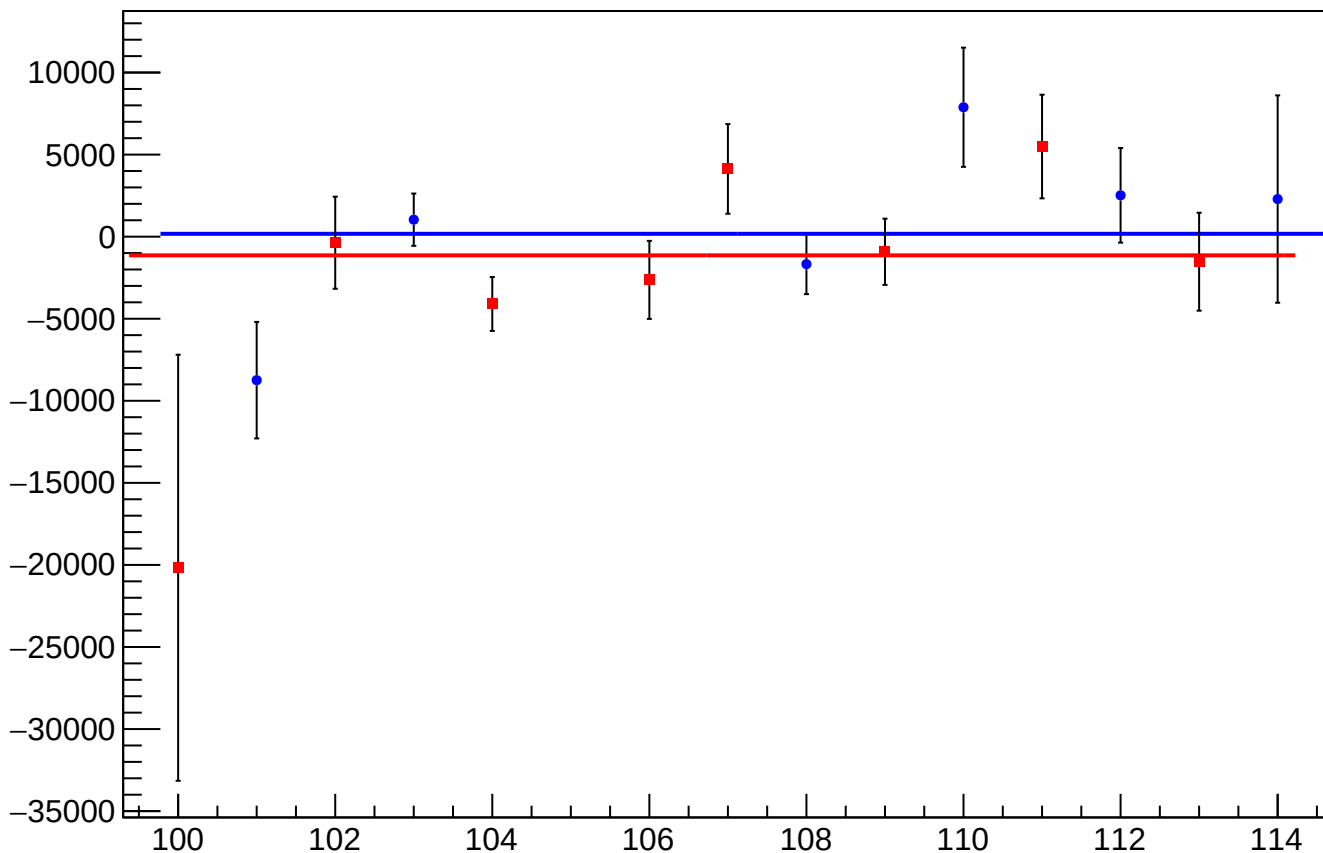
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.745+/-0.131 χ^2/NDF : 2989705.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 173.744 $\pm$ 1003.048 χ^2 /NDF: 12.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1137.808 $\pm$ 885.912 χ^2 /NDF: 14.0/7

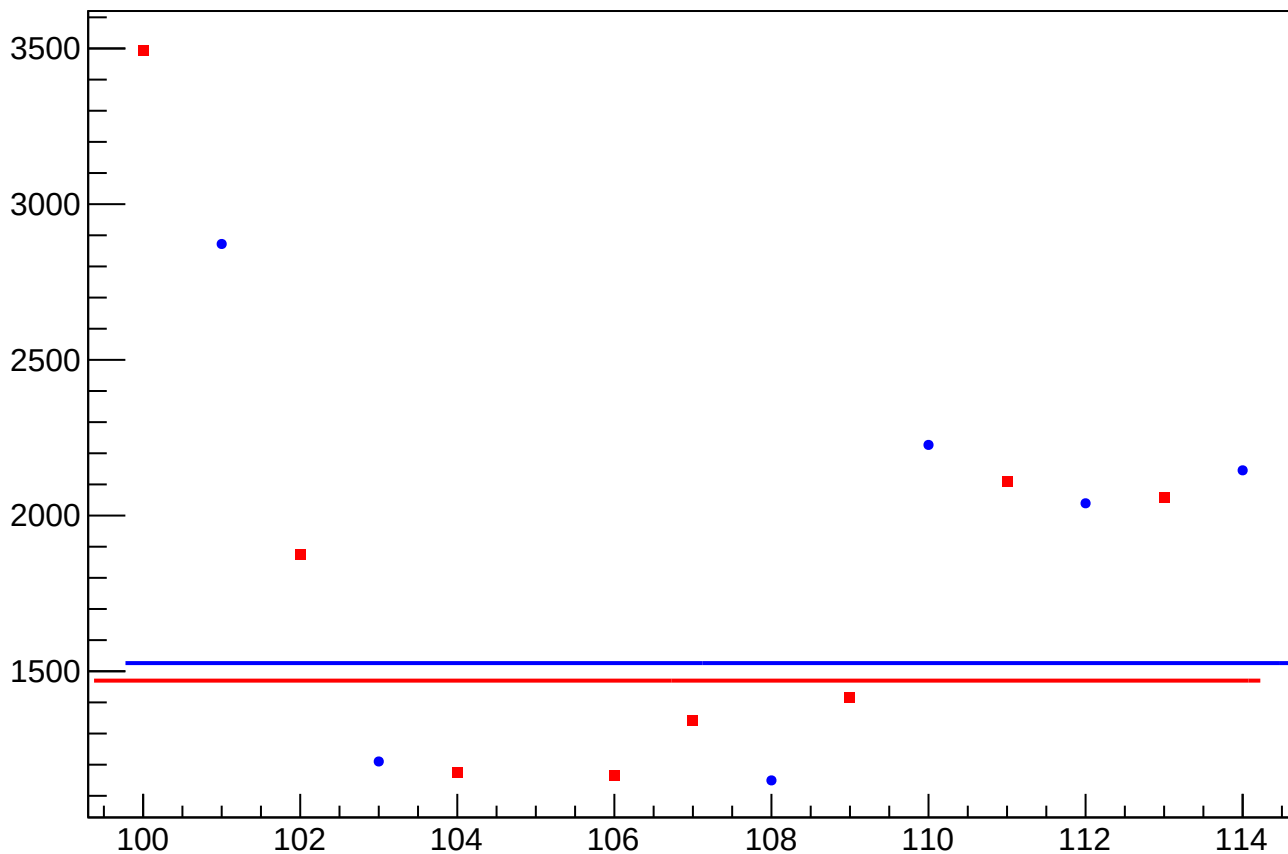
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -563.051 $\pm$ 664.005 χ^2 /NDF: 27.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1526.217+/-0.709 χ^2/NDF : 608229.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1469.943+/-0.626 χ^2/NDF : 353166.8/7

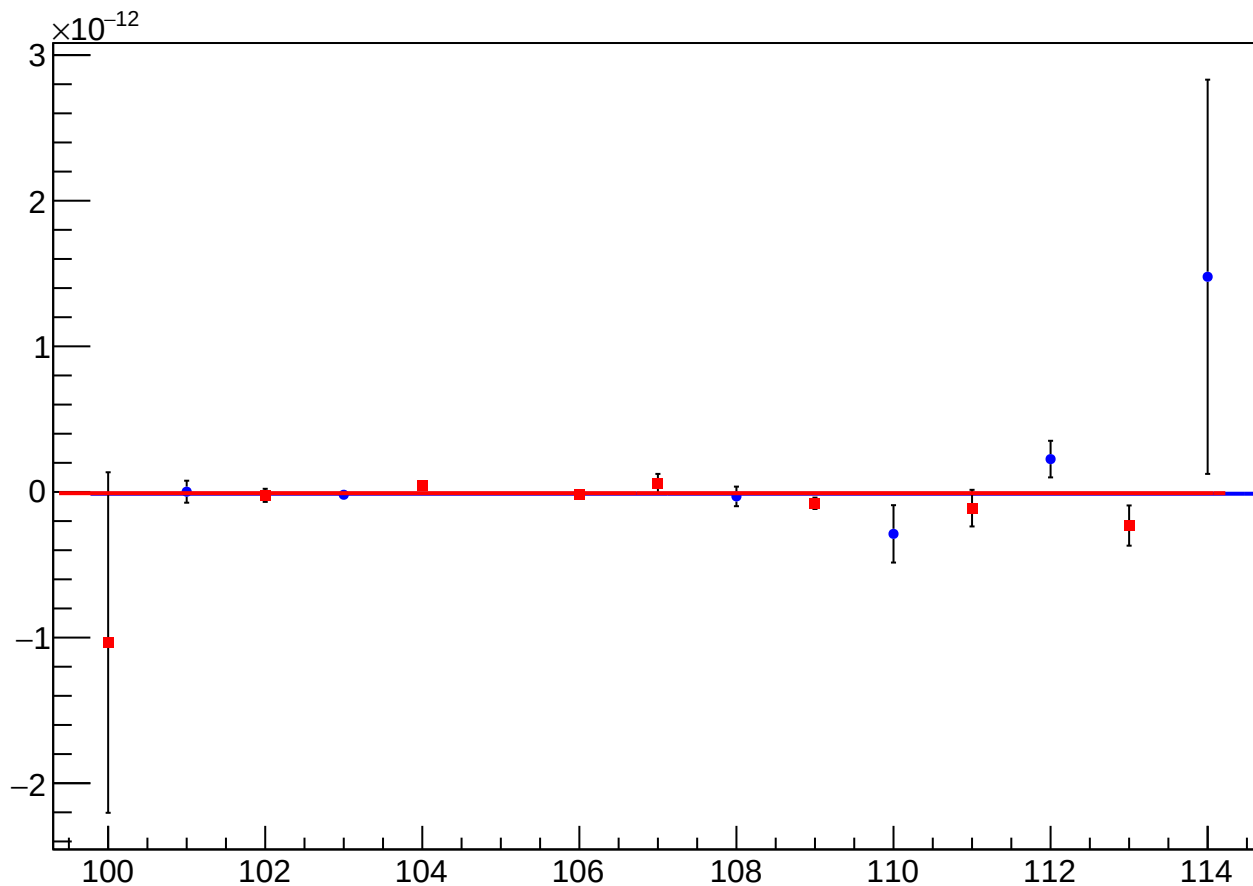
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.604+/-0.470 χ^2/NDF : 964932.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/7

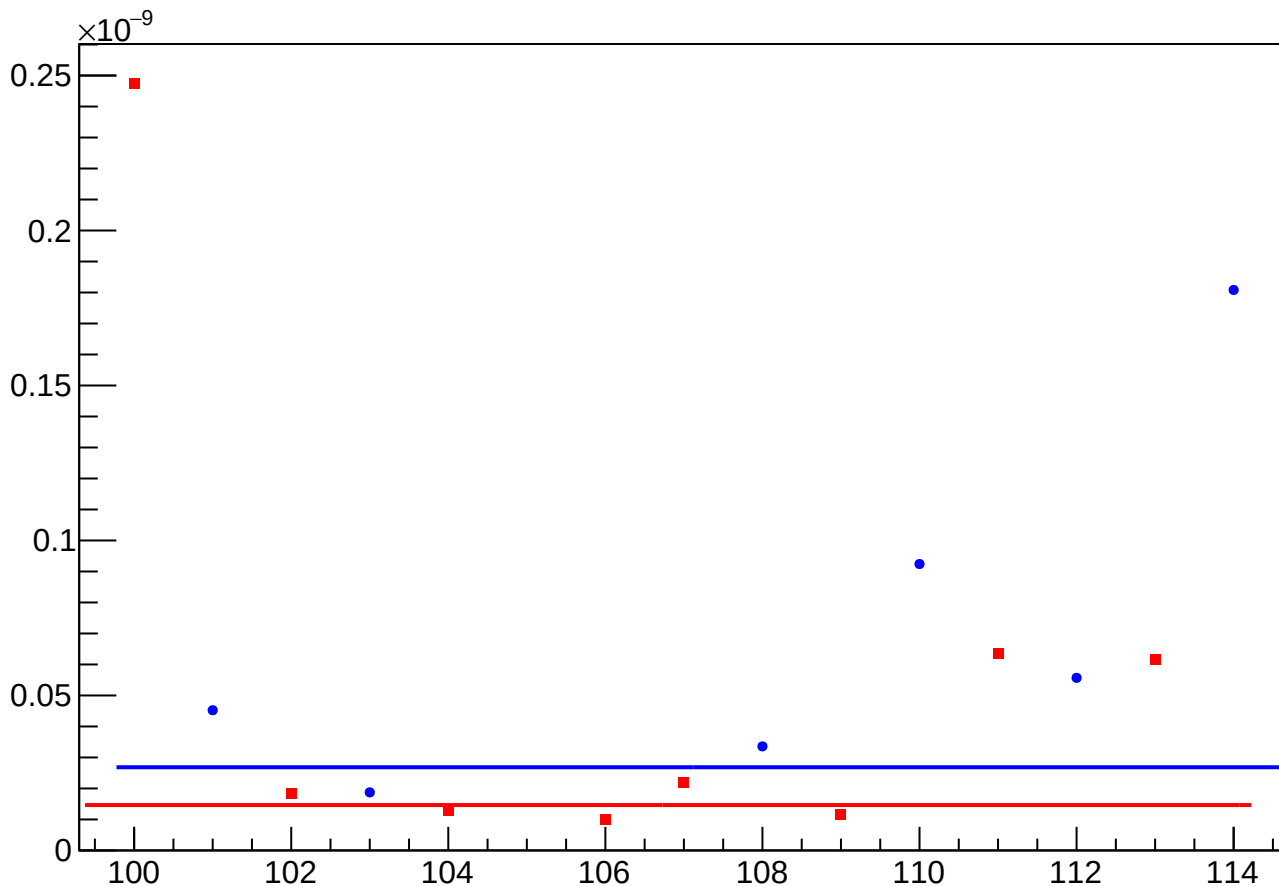
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 626018.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 719260.5/7

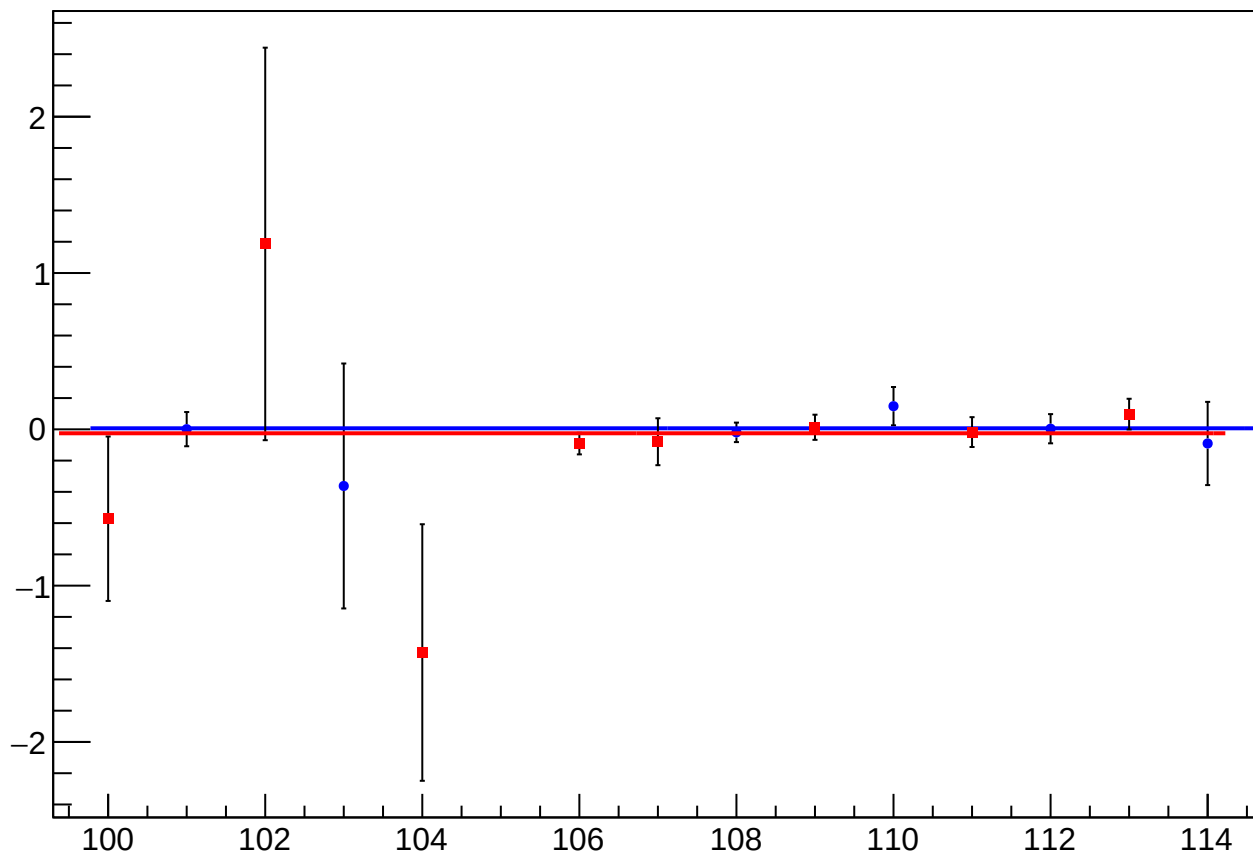
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1667200.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.043 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.040 χ^2 /NDF: 7.8/7

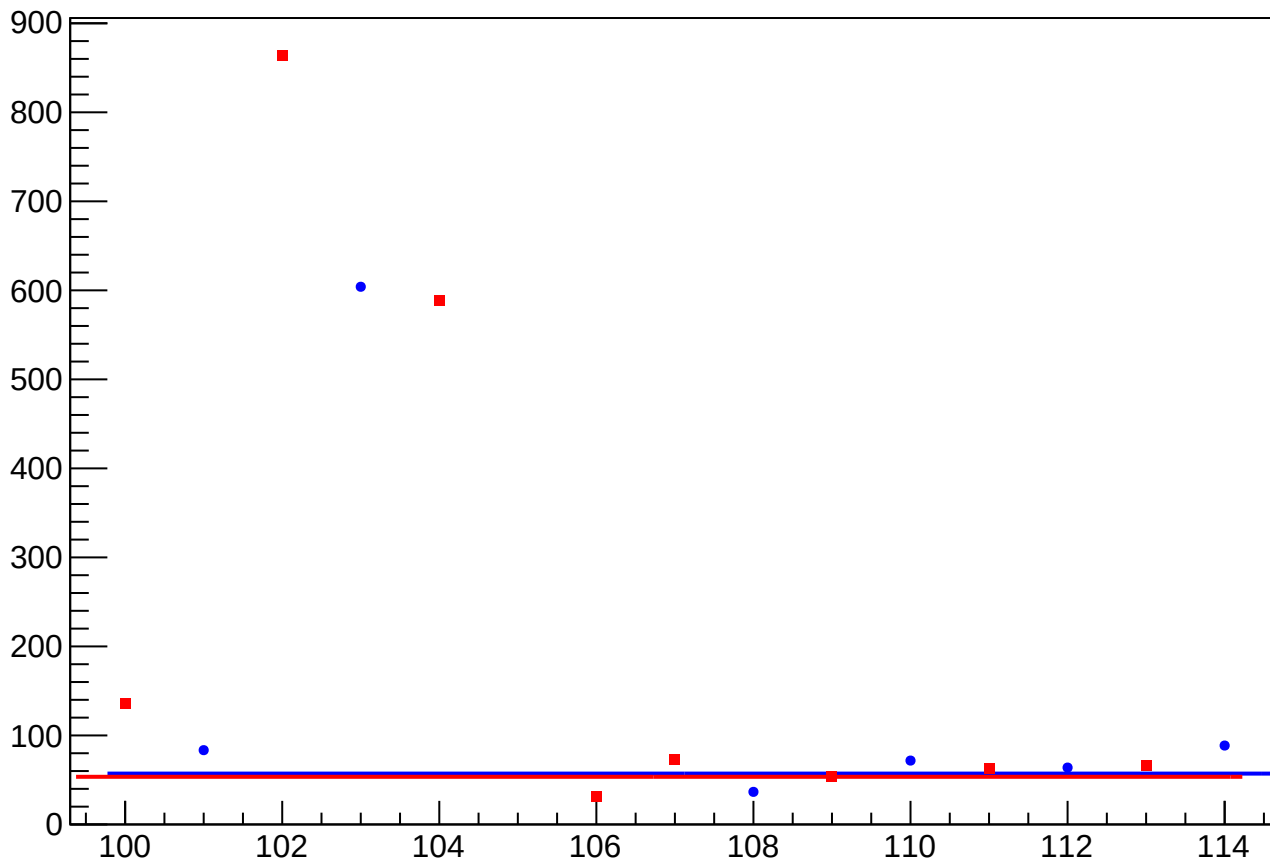
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.029 χ^2 /NDF: 9.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 57.130 $\pm$ 0.031 χ^2 /NDF: 1373759.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.535 $\pm$ 0.028 χ^2 /NDF: 2027341.8/7

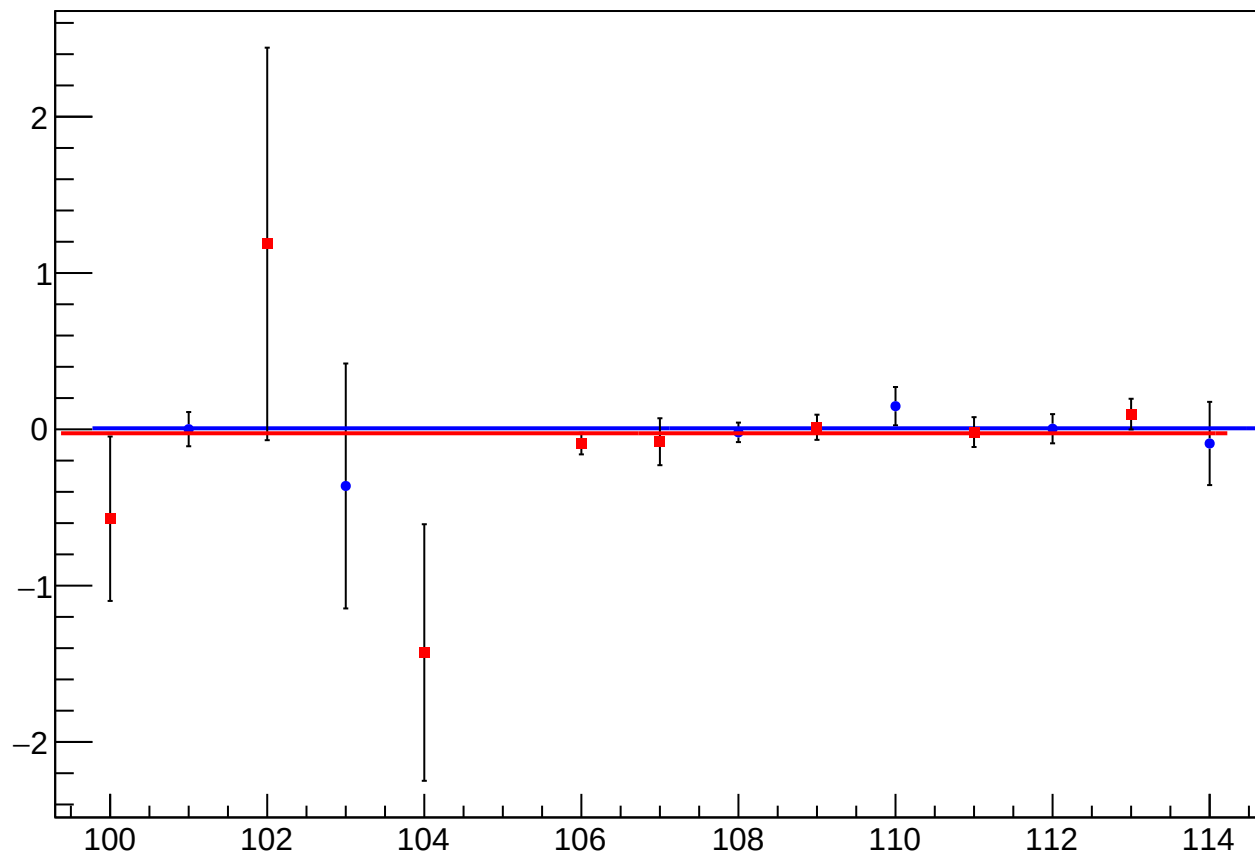
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.193 $\pm$ 0.021 χ^2 /NDF: 3408588.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.043 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025 $\pm$ 0.040 χ^2 /NDF: 7.8/7

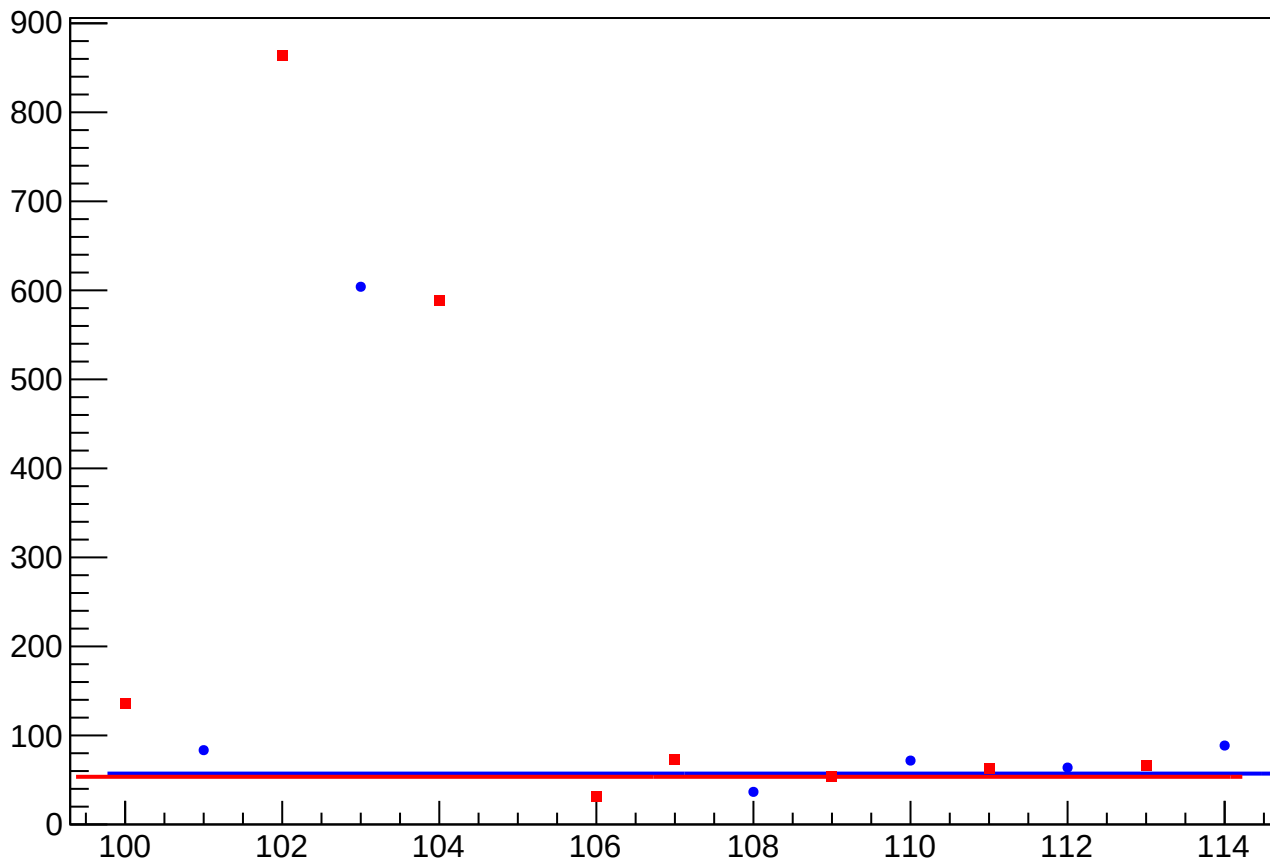
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.029 χ^2 /NDF: 9.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.130+/-0.031 χ^2/NDF : 1373759.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.535+/-0.028 χ^2/NDF : 2027341.8/7

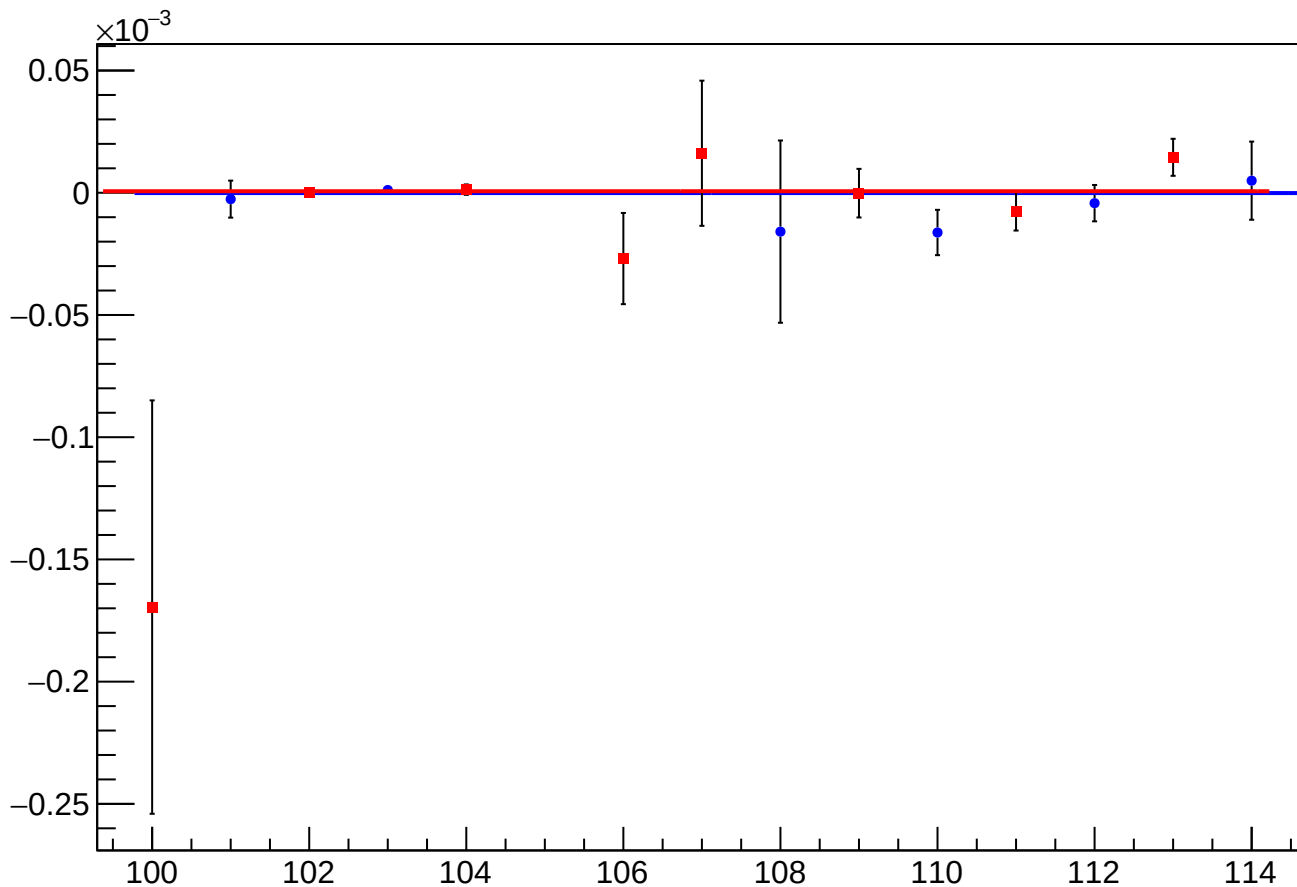
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.193+/-0.021 χ^2/NDF : 3408588.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/7

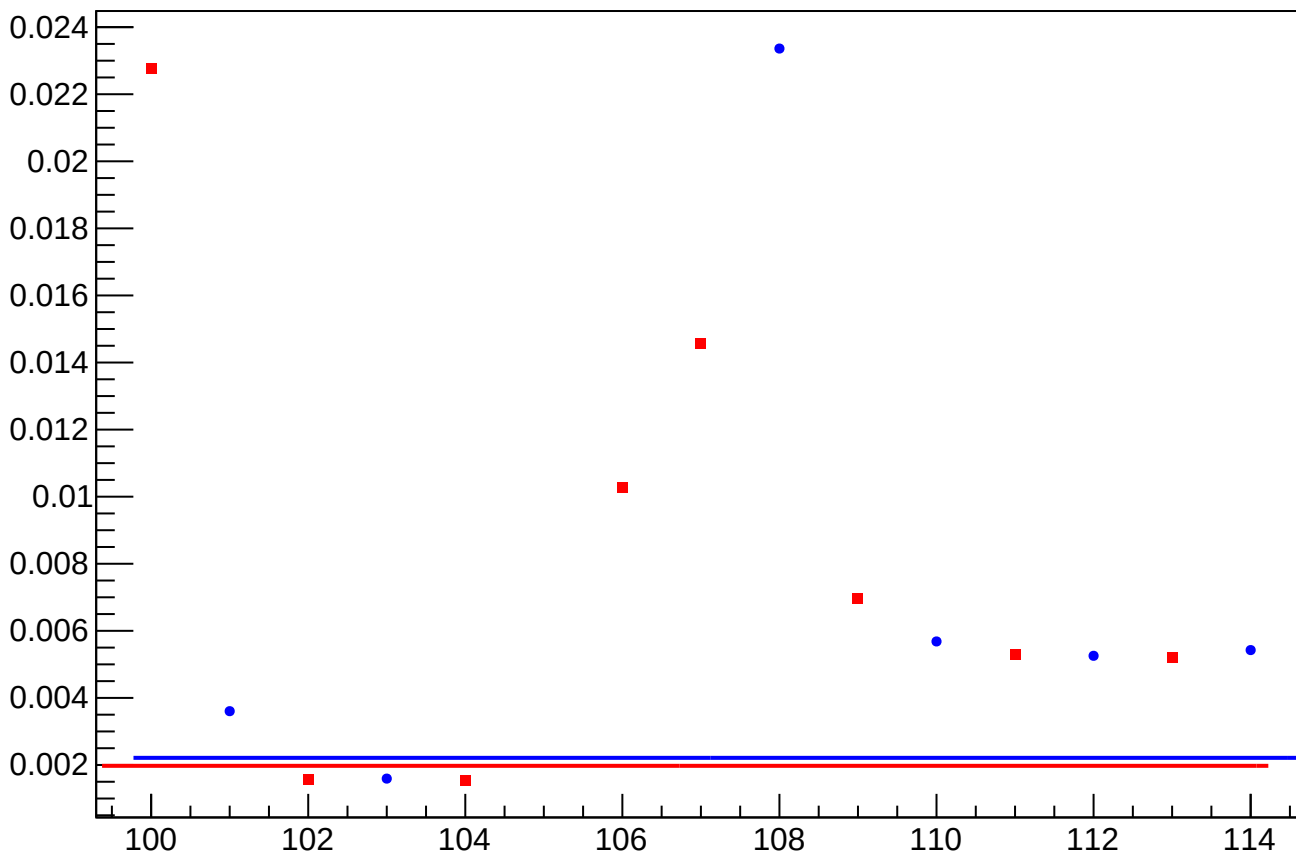
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1589822.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2266850.3/7

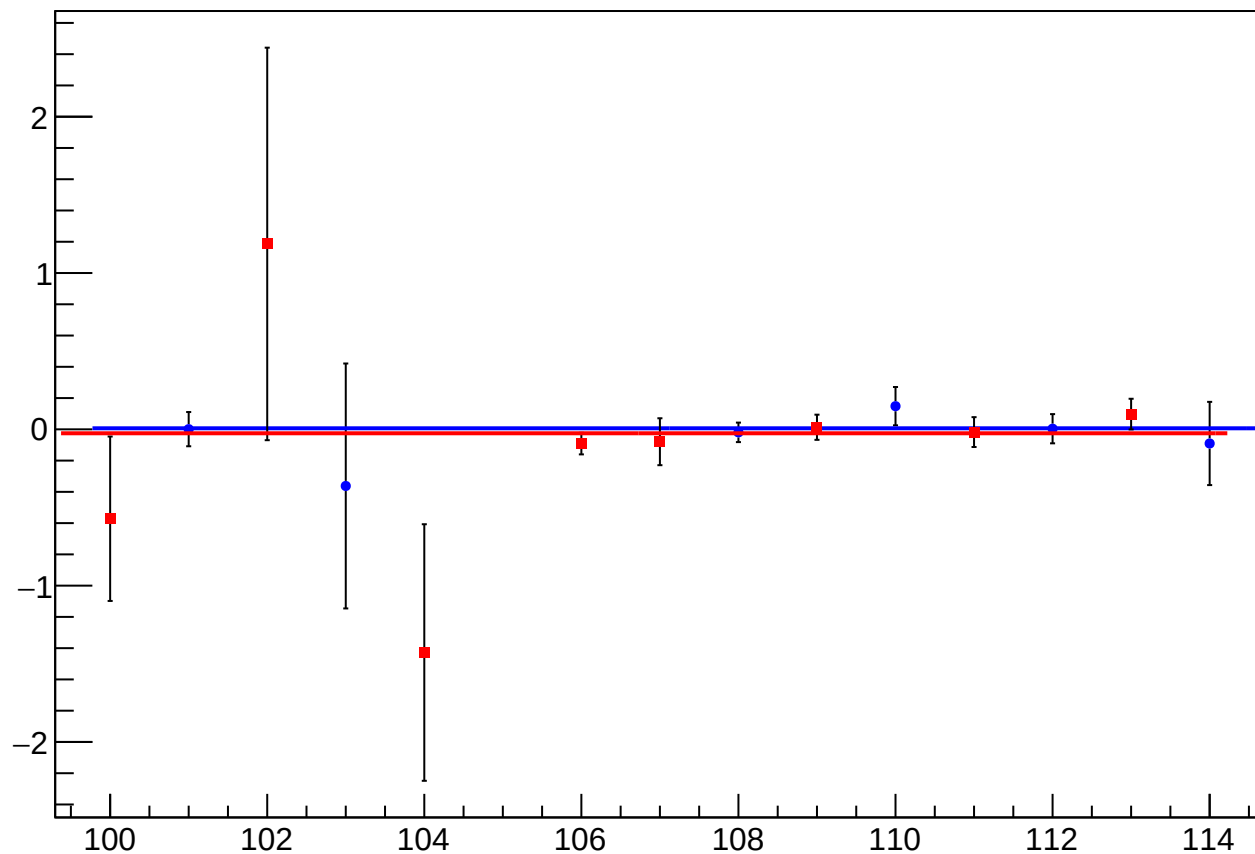
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3877896.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.043 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.040 χ^2 /NDF: 7.8/7

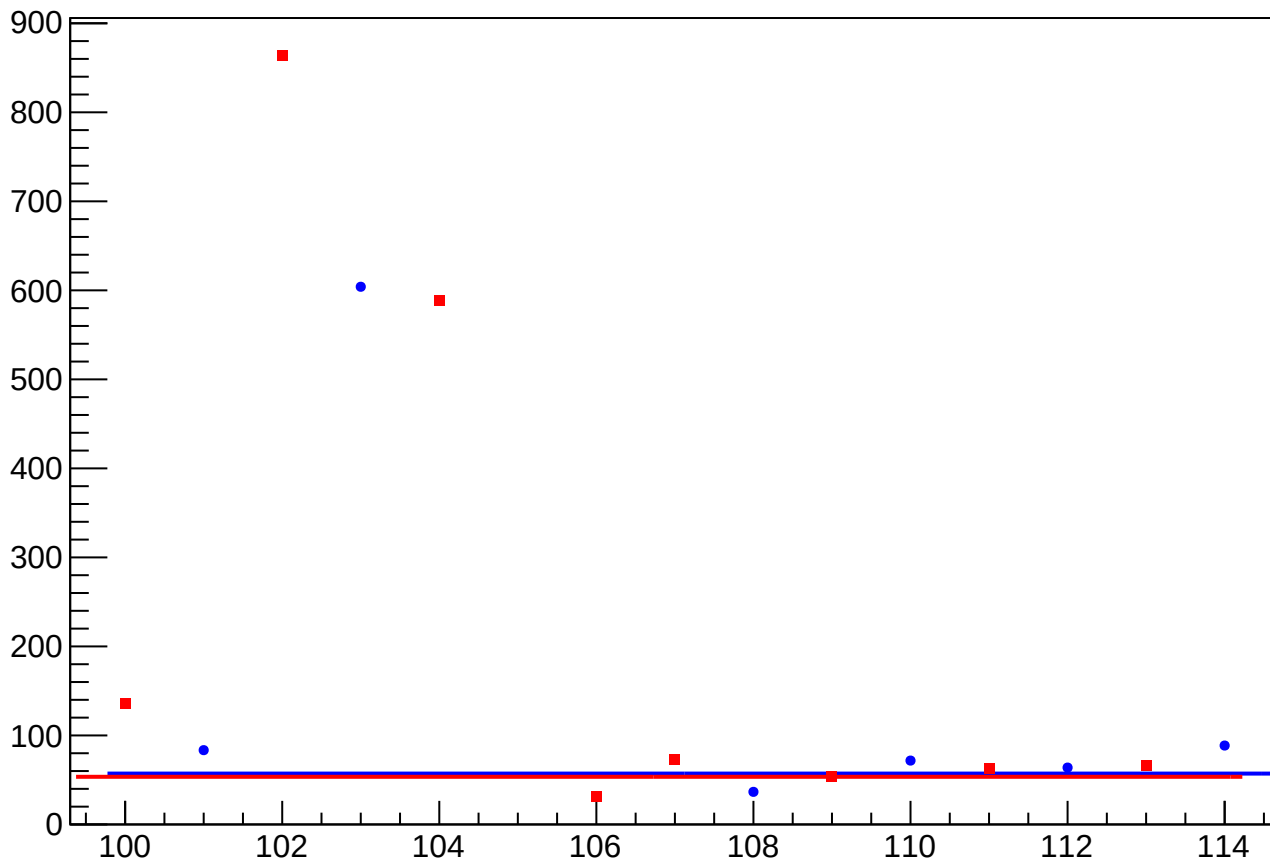
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.029 χ^2 /NDF: 9.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.144 $\pm$ 0.031 χ^2 /NDF: 1373317.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.538 $\pm$ 0.028 χ^2 /NDF: 2027172.0/7

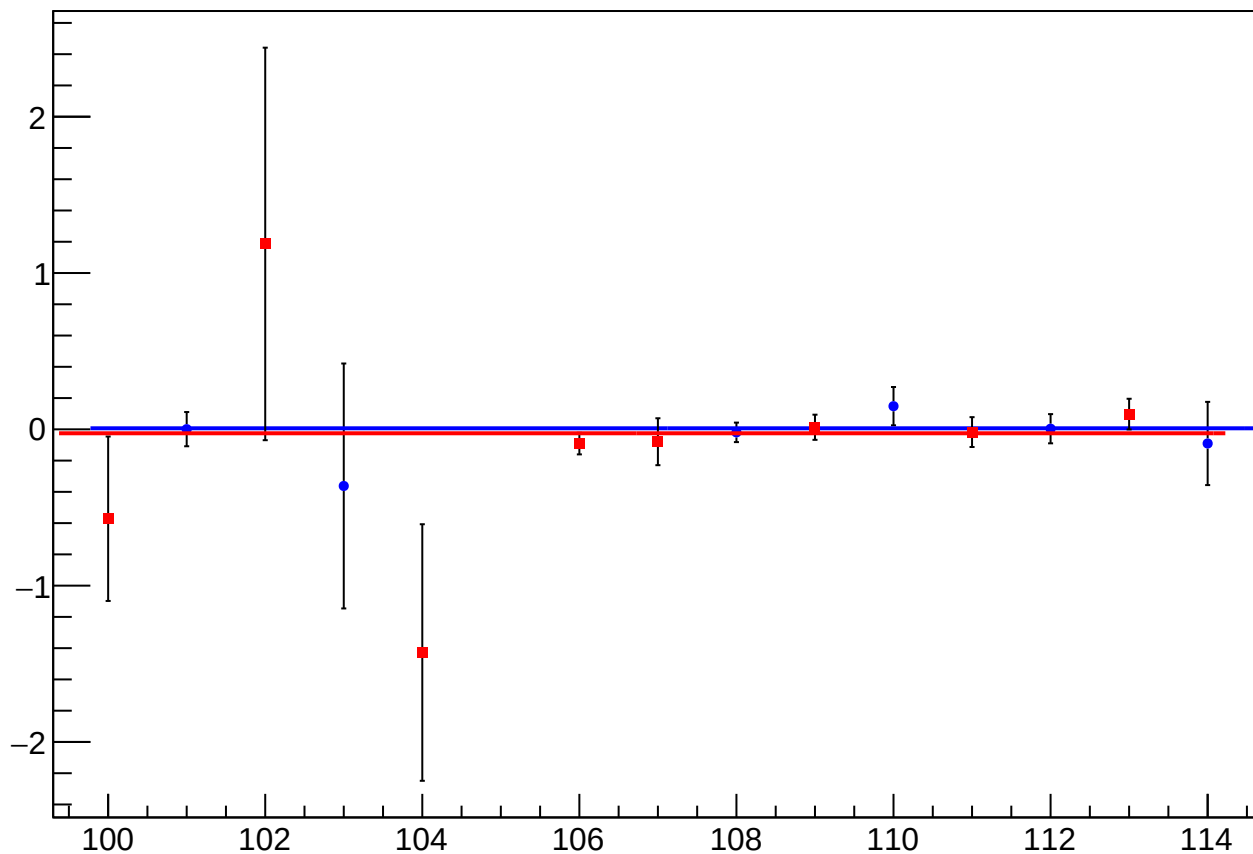
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.201 $\pm$ 0.021 χ^2 /NDF: 3408019.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.043 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.040 χ^2 /NDF: 7.8/7

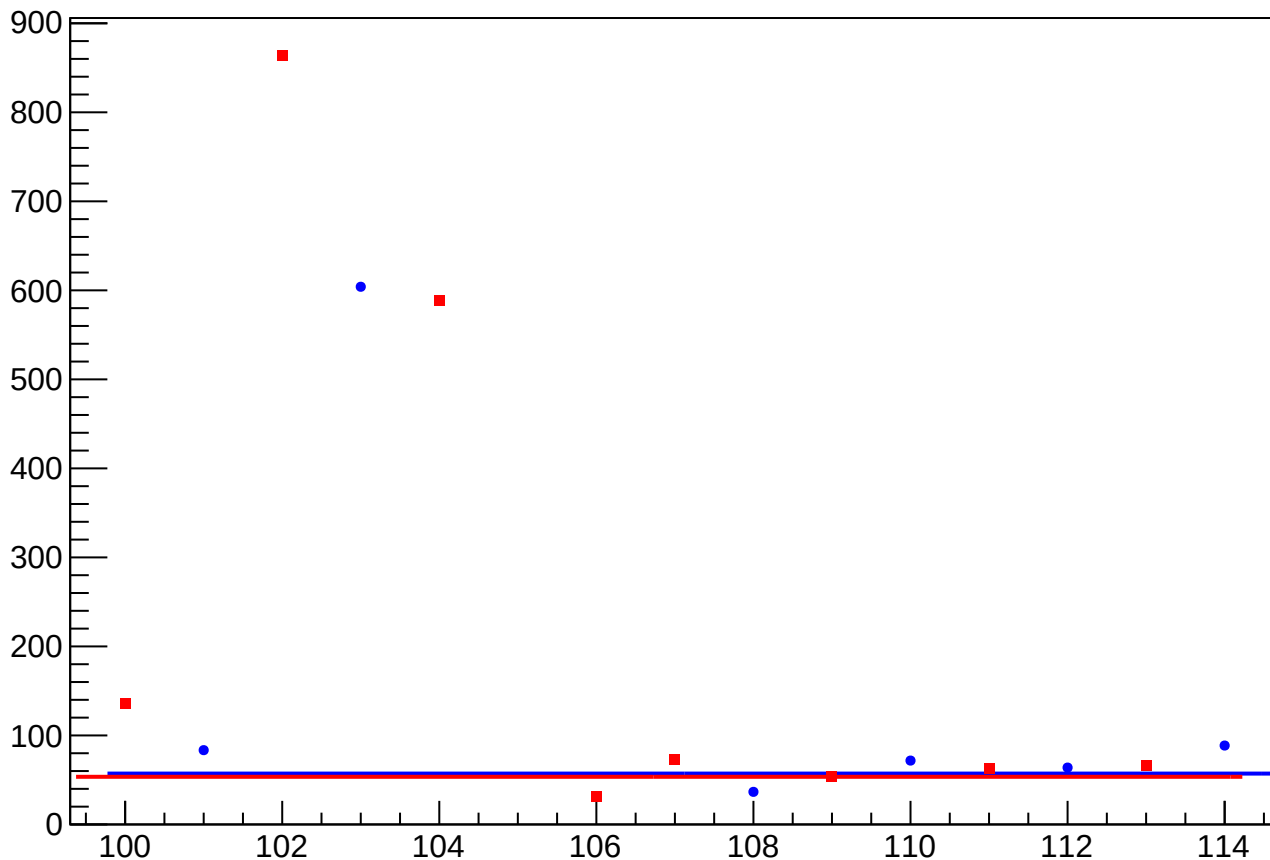
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.029 χ^2 /NDF: 9.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.144+/-0.031 χ^2/NDF : 1373317.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.538+/-0.028 χ^2/NDF : 2027172.0/7

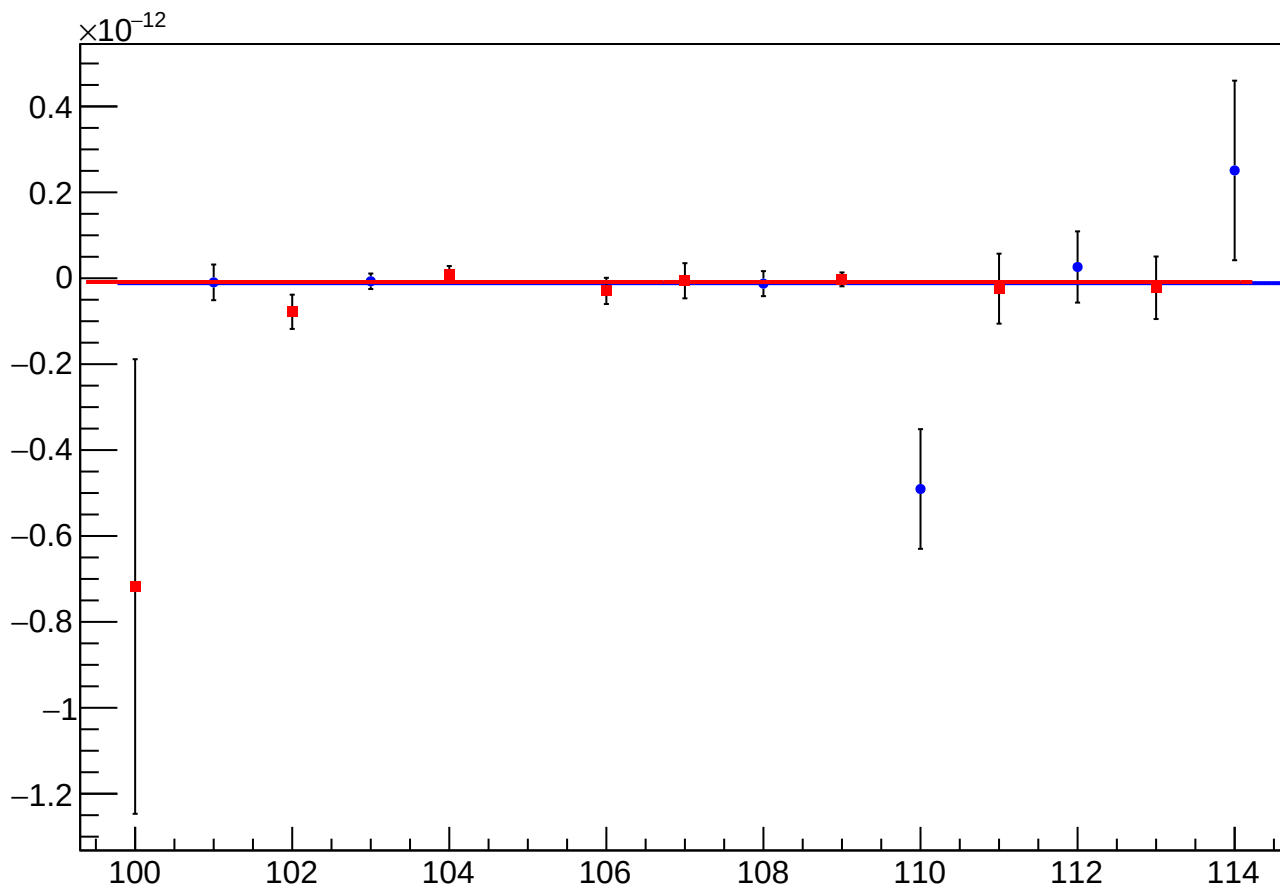
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.201+/-0.021 χ^2/NDF : 3408019.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000±/-0.000 χ^2 /NDF: 13.7/5

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000±/-0.000 χ^2 /NDF: 6.4/7

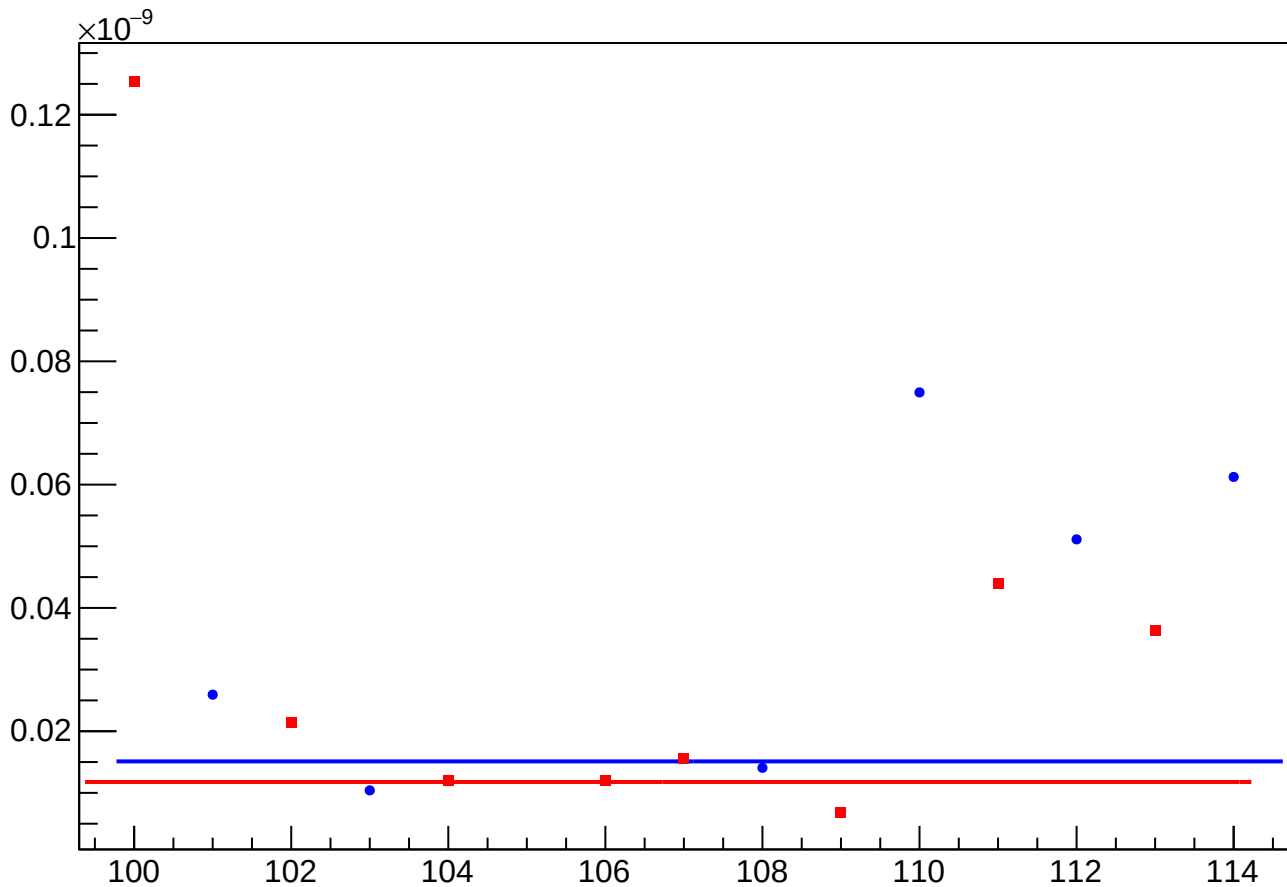
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -0.000±/-0.000 χ^2 /NDF: 20.1/13

- sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1117910.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 958848.2/7

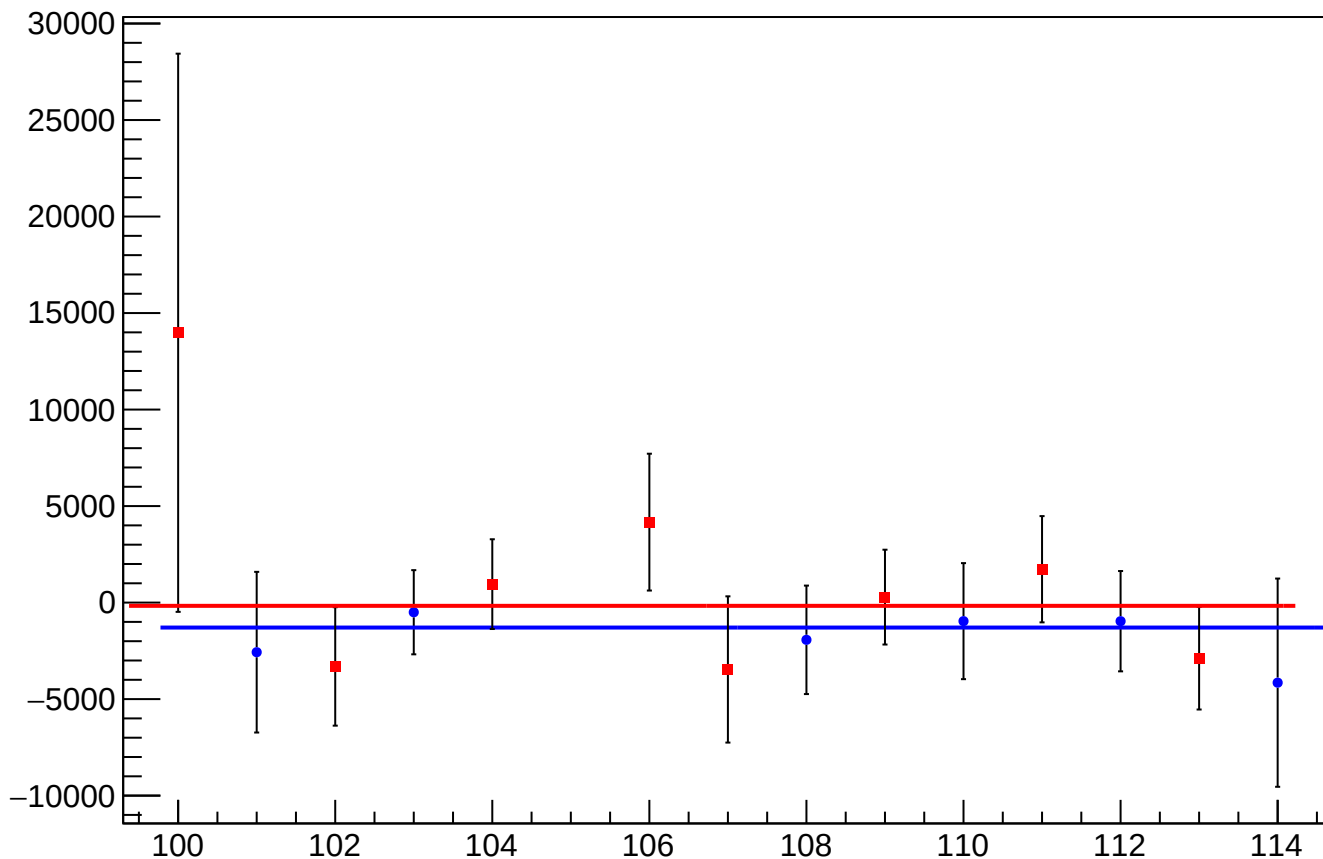
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 2149316.9/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1293.129+/-1205.775 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.163+/-1063.382 χ^2/NDF : 6.0/7

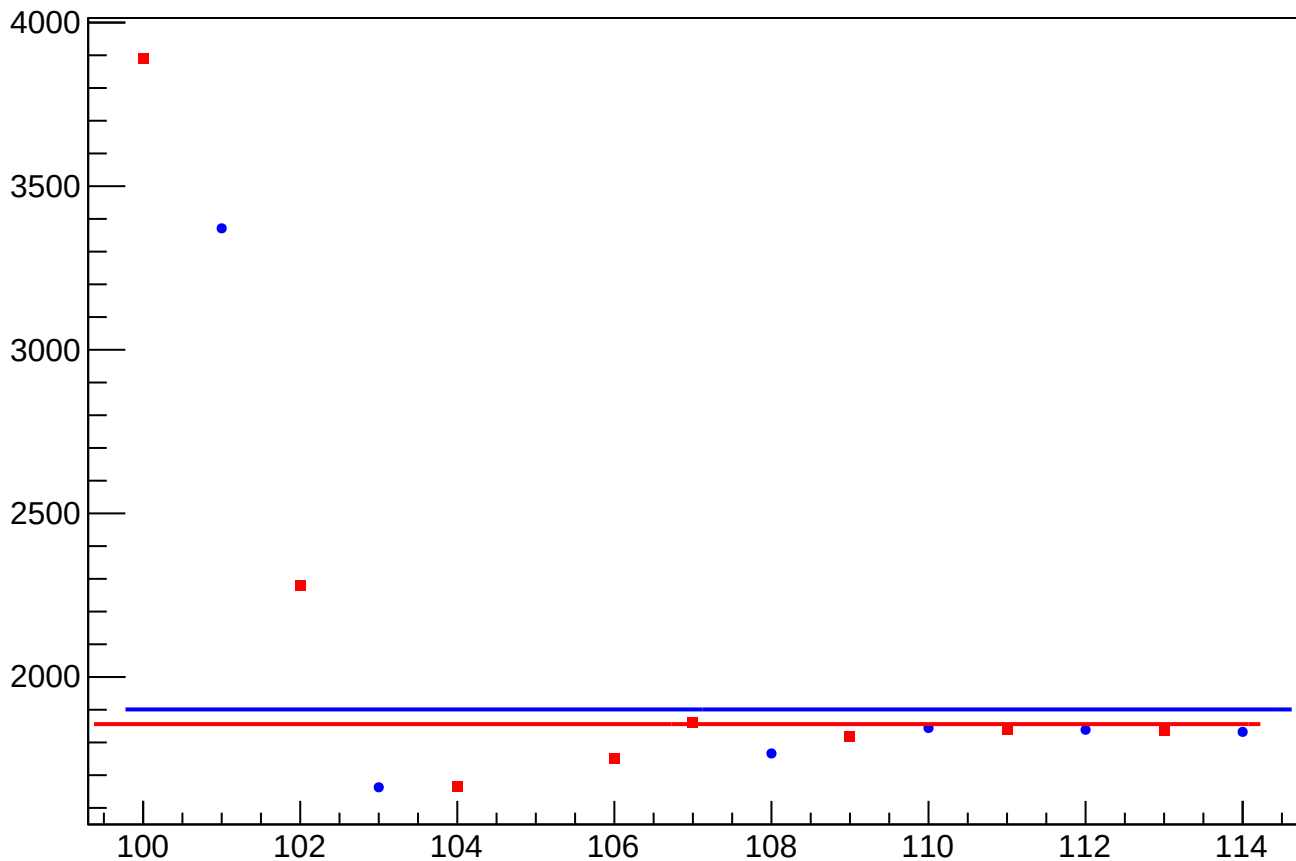
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.329+/-797.540 χ^2/NDF : 7.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1900.891+/-0.853 χ^2/NDF : 280160.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.081+/-0.752 χ^2/NDF : 93688.6/7

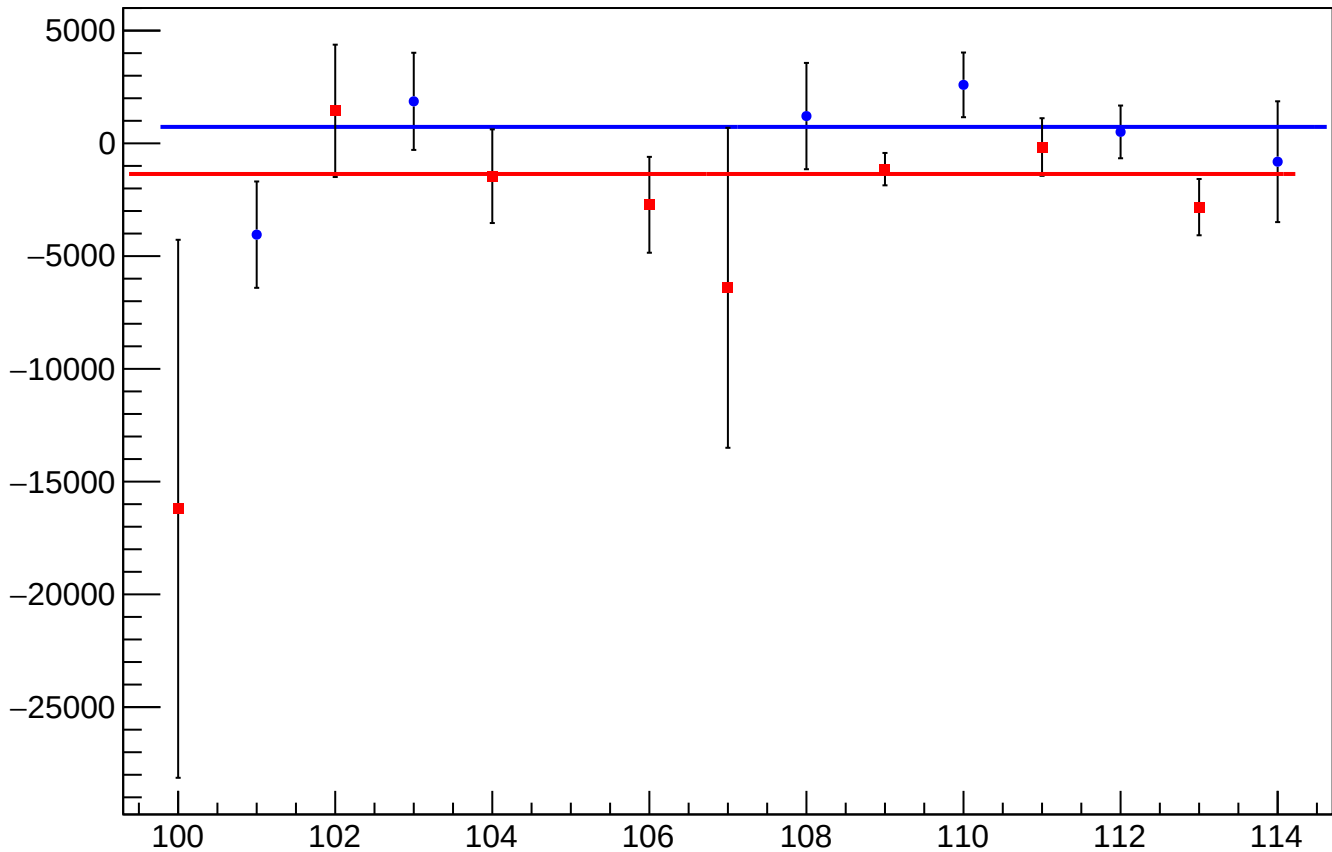
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.685+/-0.564 χ^2/NDF : 375403.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: 729.840+/-719.370 χ^2/NDF : 6.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1357.809+/-513.519 χ^2/NDF : 5.7/7

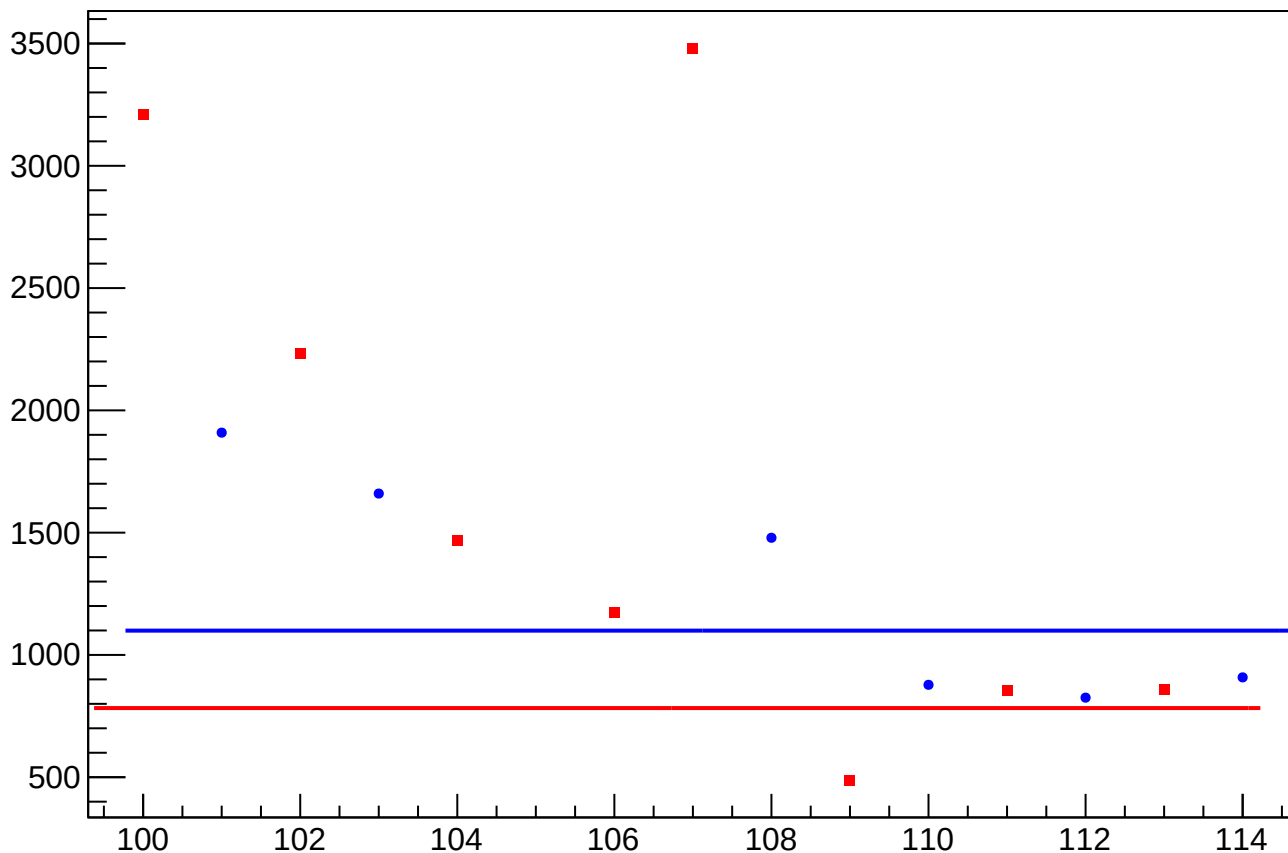
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -653.097+/-417.954 χ^2/NDF : 17.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug



Right In: 1099.347 $\pm$ 0.509 χ^2 /NDF: 590806.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 782.742 $\pm$ 0.363 χ^2 /NDF: 1500447.1/7

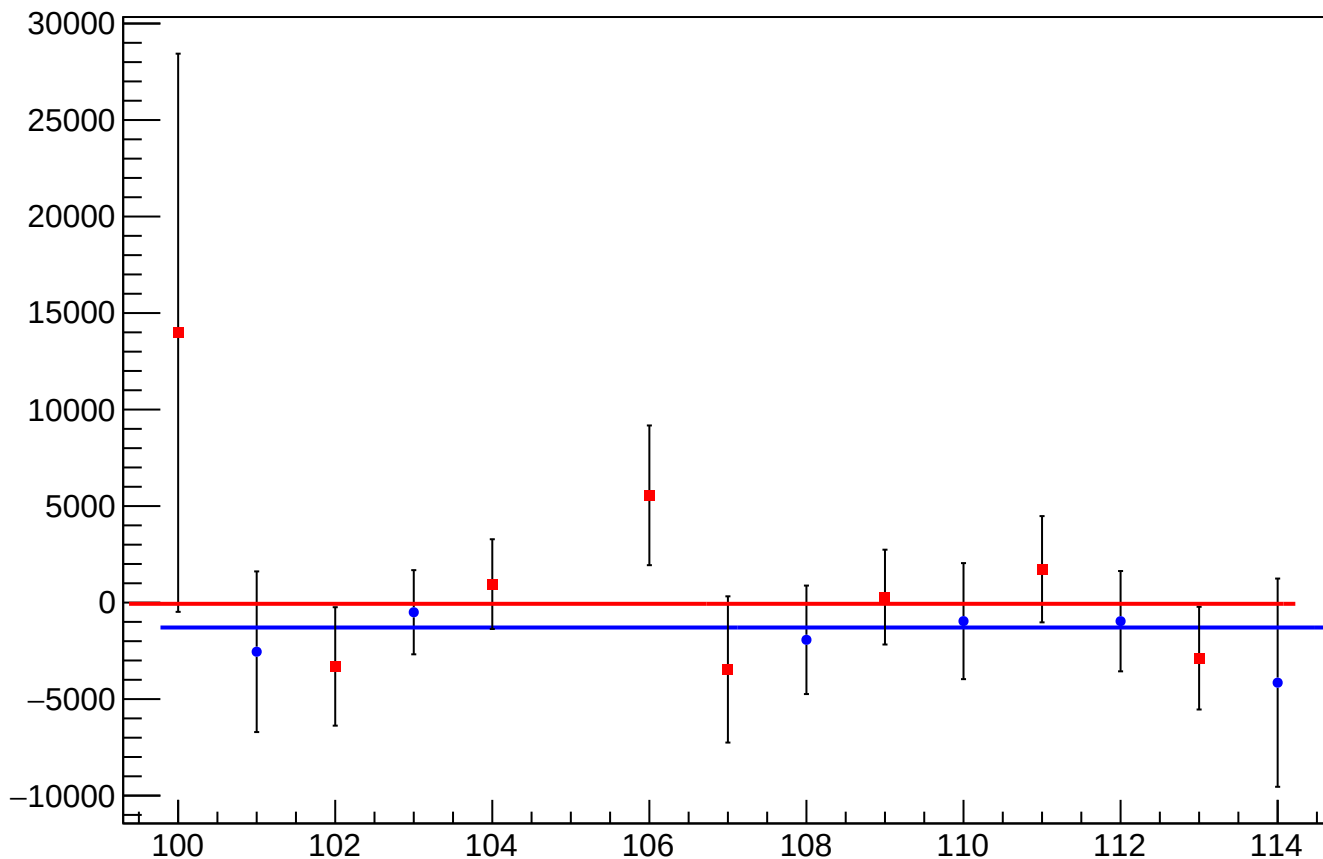
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 889.616 $\pm$ 0.296 χ^2 /NDF: 2347883.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1291.097+/-1205.776 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.724+/-1065.341 χ^2/NDF : 7.0/7

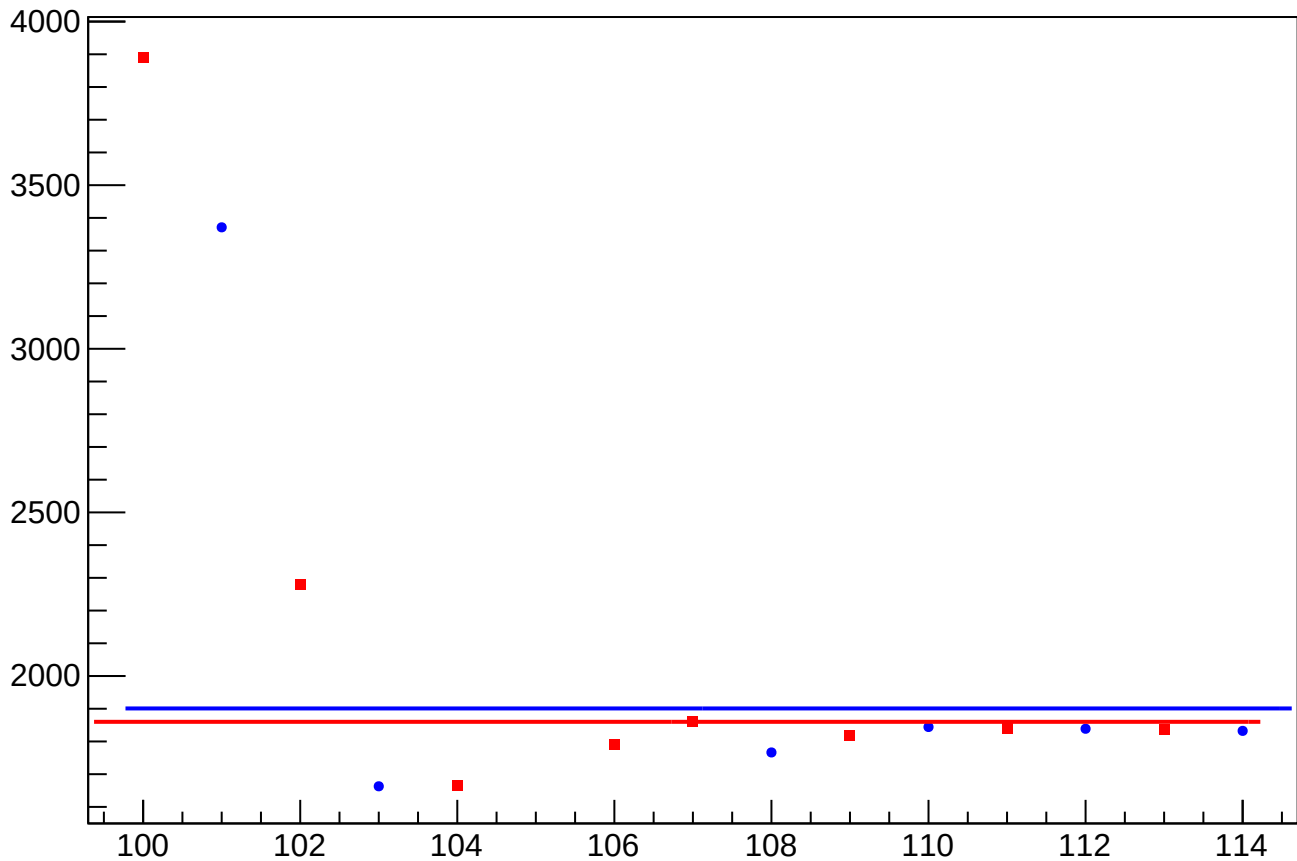
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.805+/-798.366 χ^2/NDF : 8.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1900.890+/-0.853 χ^2/NDF : 280162.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.012+/-0.753 χ^2/NDF : 92527.6/7

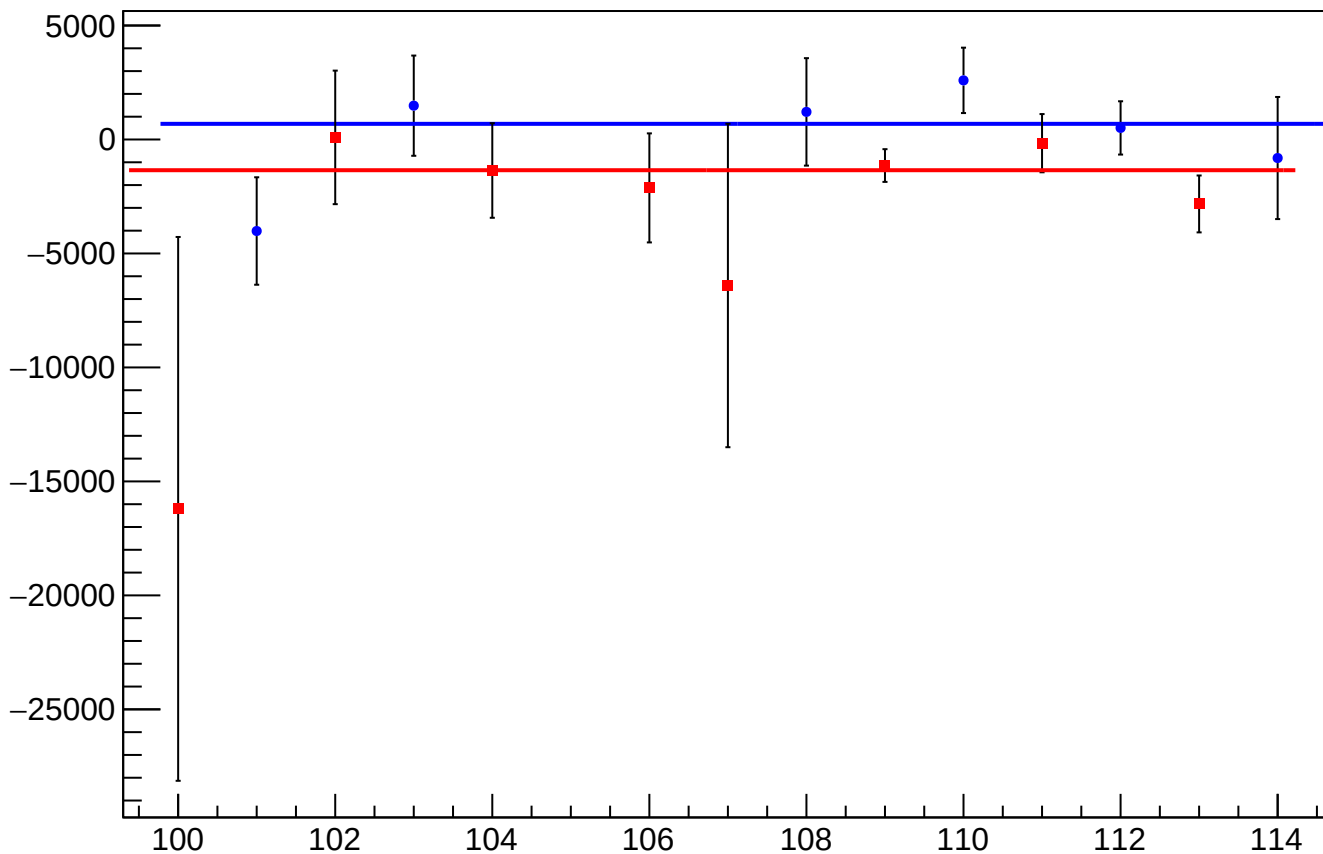
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.933+/-0.565 χ^2/NDF : 373981.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 686.595+/-720.953 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1347.866+/-516.624 χ^2/NDF : 4.8/7

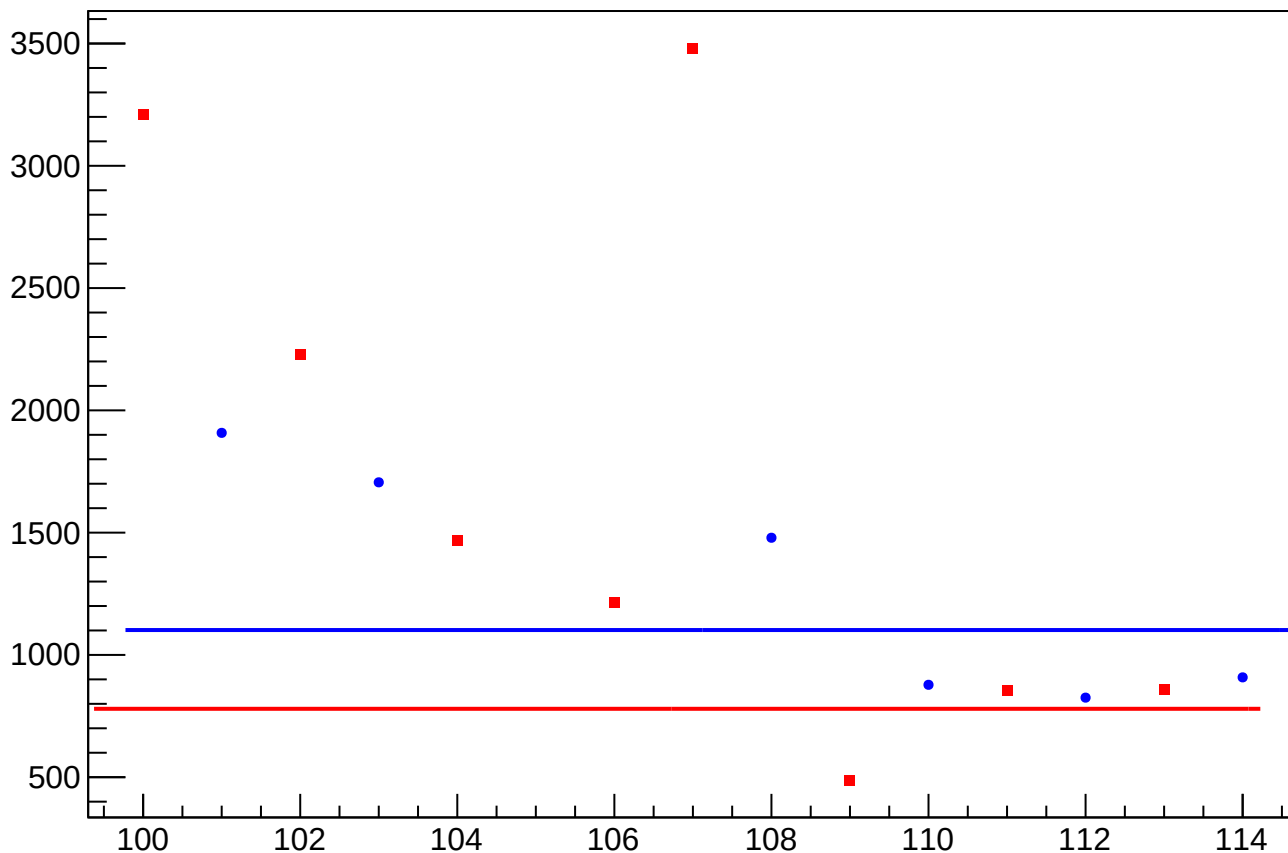
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -657.619+/-419.937 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1101.742 $\pm$ 0.510 χ^2 /NDF: 607201.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 779.709 $\pm$ 0.365 χ^2 /NDF: 1495962.7/7

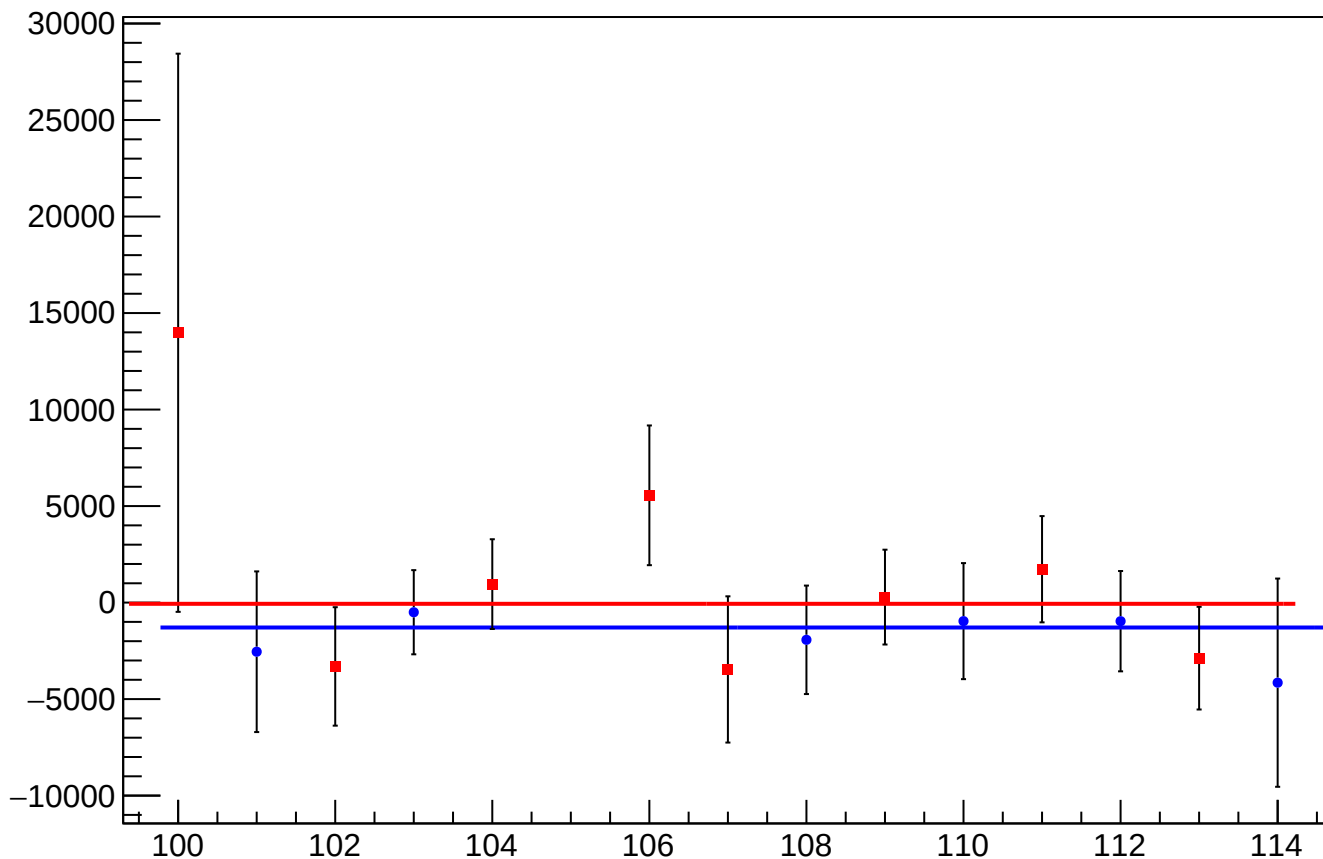
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 888.968 $\pm$ 0.297 χ^2 /NDF: 2366819.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1291.097 $\pm$ 1205.776 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.724 $\pm$ 1065.341 χ^2 /NDF: 7.0/7

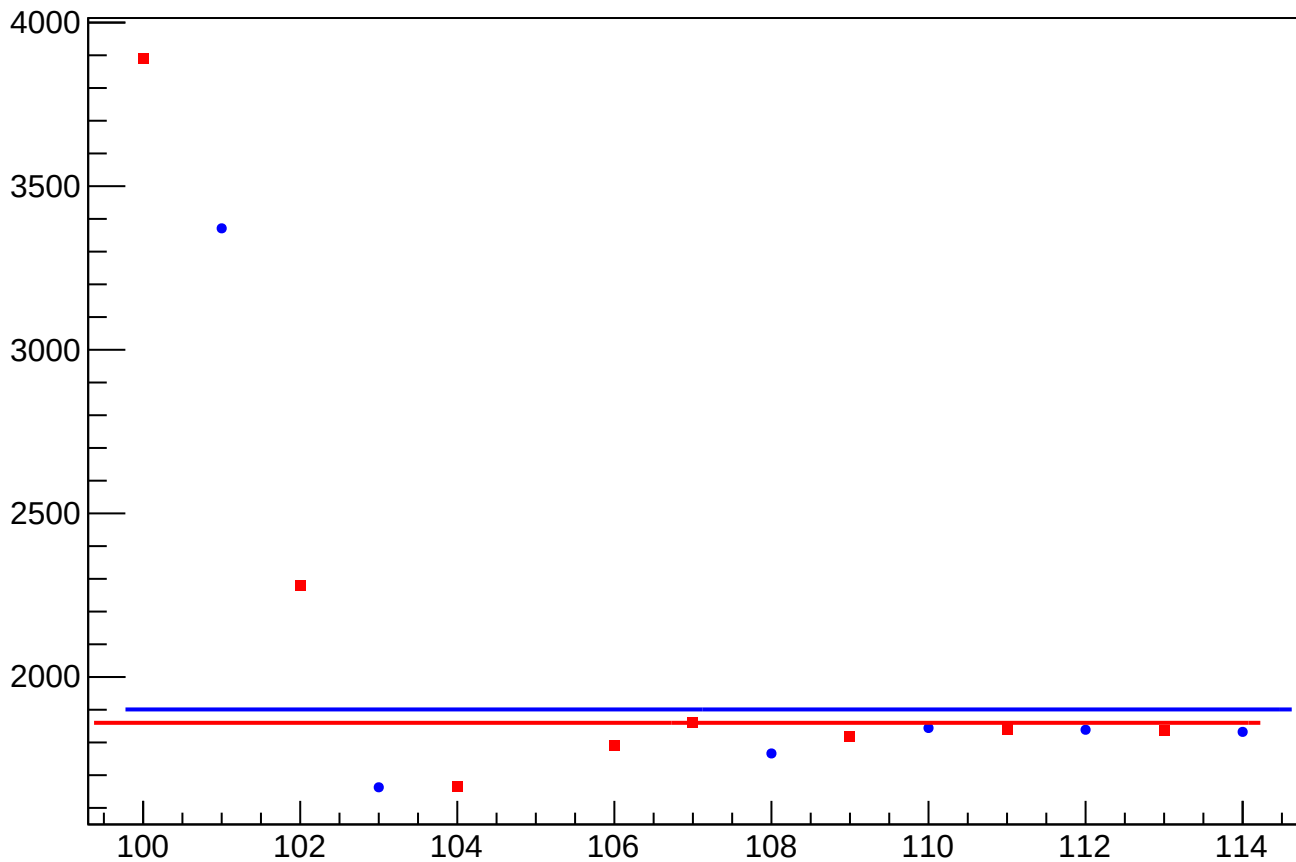
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -601.805 $\pm$ 798.366 χ^2 /NDF: 8.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1900.890+/-0.853 χ^2/NDF : 280162.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.012+/-0.753 χ^2/NDF : 92527.6/7

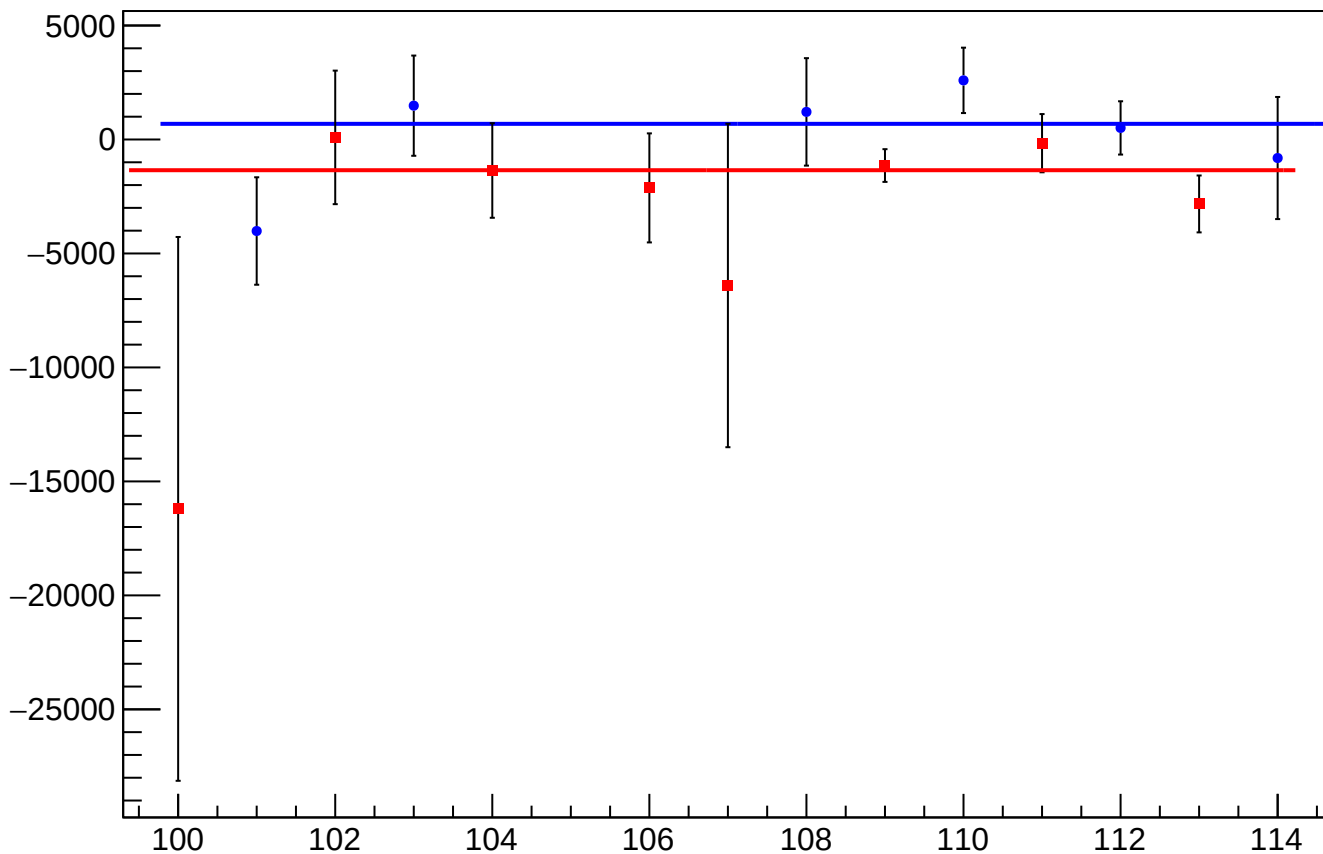
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.933+/-0.565 χ^2/NDF : 373981.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 686.595+/-720.953 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1347.866+/-516.624 χ^2/NDF : 4.8/7

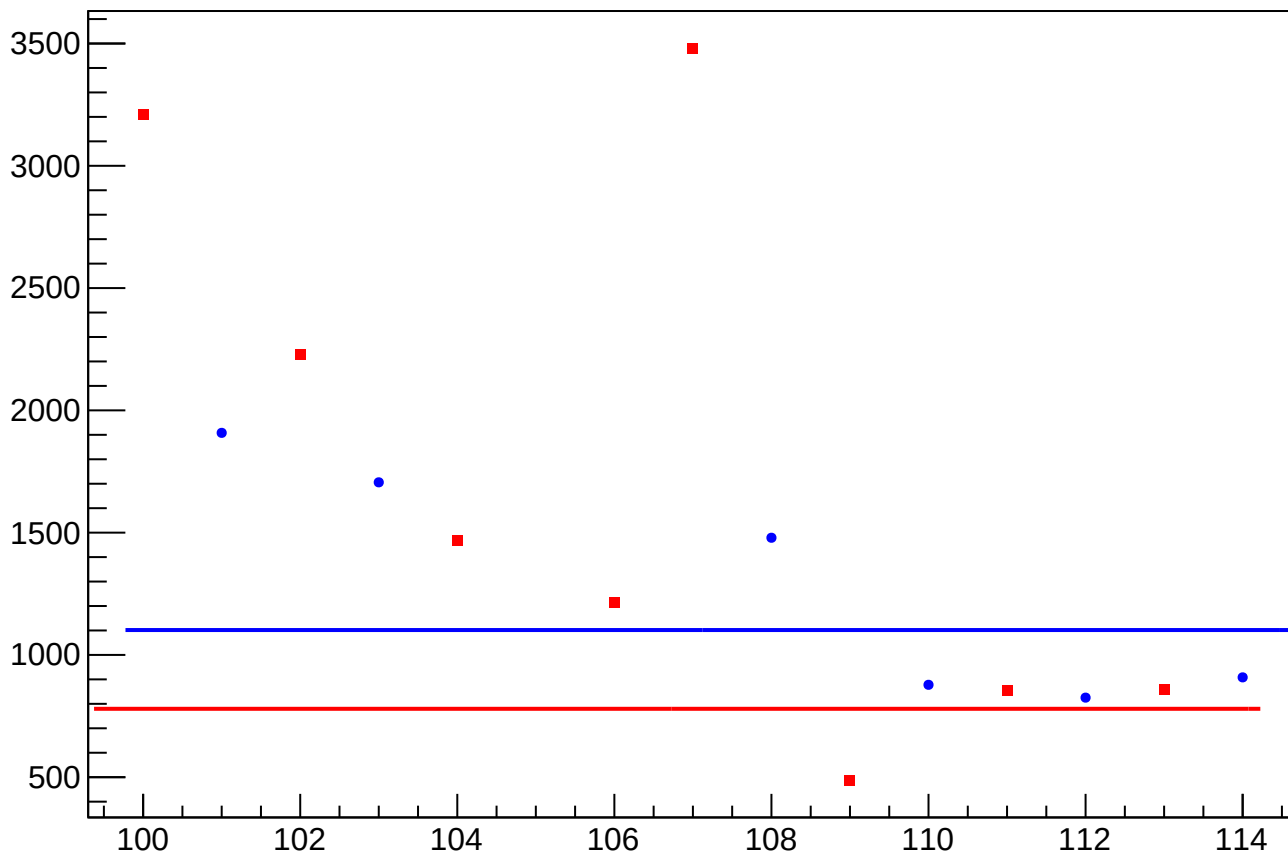
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -657.619+/-419.937 χ^2/NDF : 16.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1101.742 $\pm$ 0.510 χ^2 /NDF: 607201.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 779.709 $\pm$ 0.365 χ^2 /NDF: 1495962.7/7

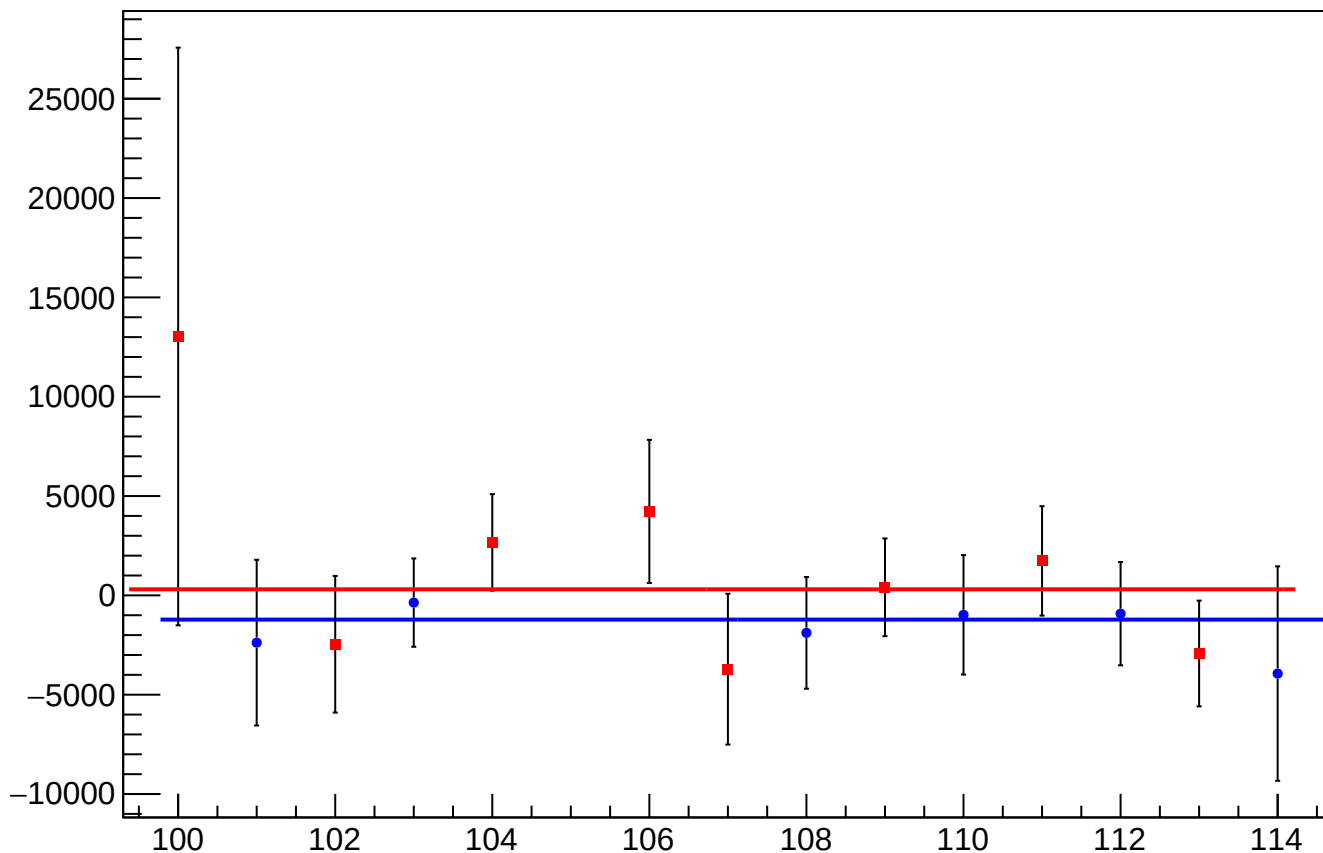
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 888.968 $\pm$ 0.297 χ^2 /NDF: 2366819.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1220.315 ± 1213.416 χ^2/NDF : 0.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 304.909 ± 1088.751 χ^2/NDF : 6.4/7

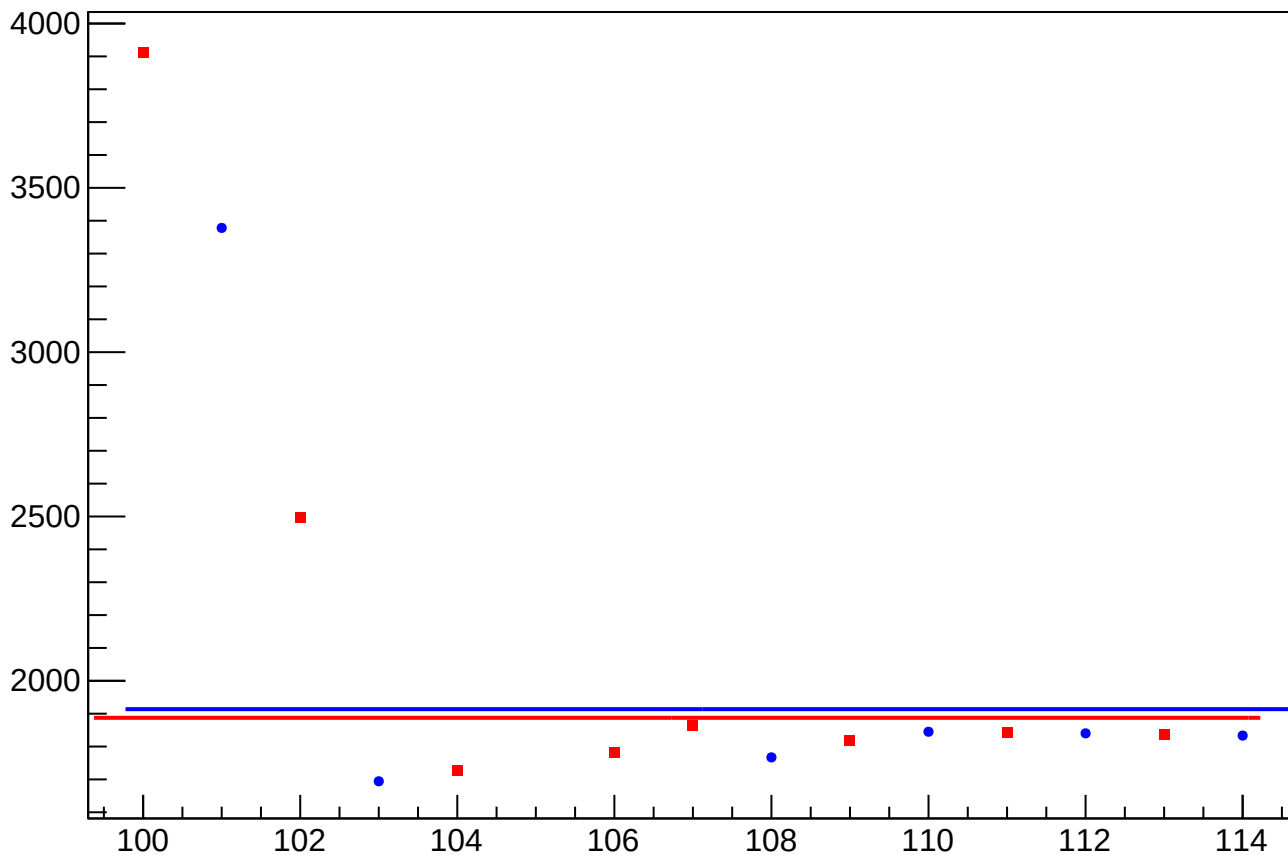
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -375.351 ± 810.365 χ^2/NDF : 7.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1913.727 $\pm$ 0.858 χ^2 /NDF: 274601.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1887.470 $\pm$ 0.770 χ^2 /NDF: 114847.7/7

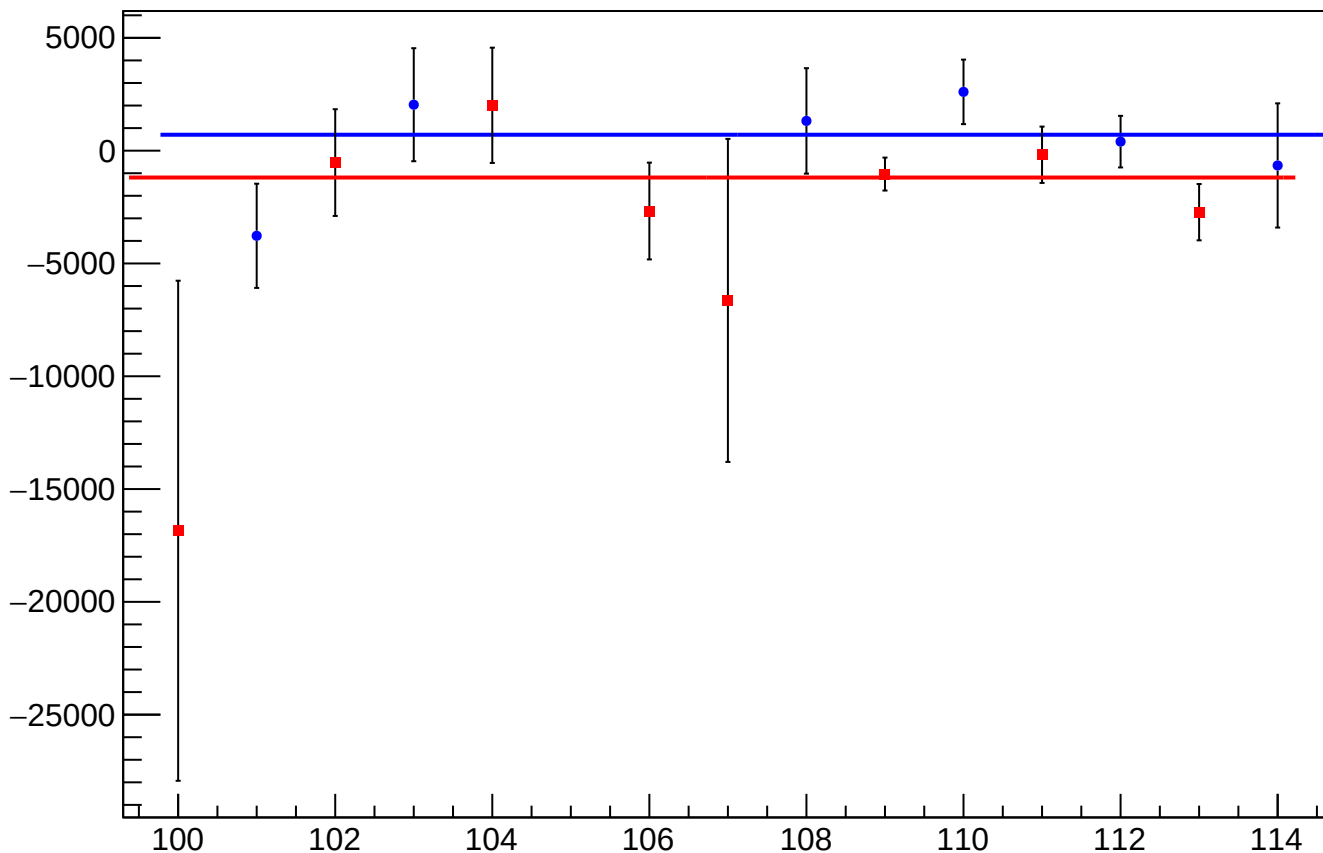
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1899.181 $\pm$ 0.573 χ^2 /NDF: 389967.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug



Right In: 705.916+/-722.483 χ^2/NDF : 6.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1190.354+/-517.463 χ^2/NDF : 6.9/7

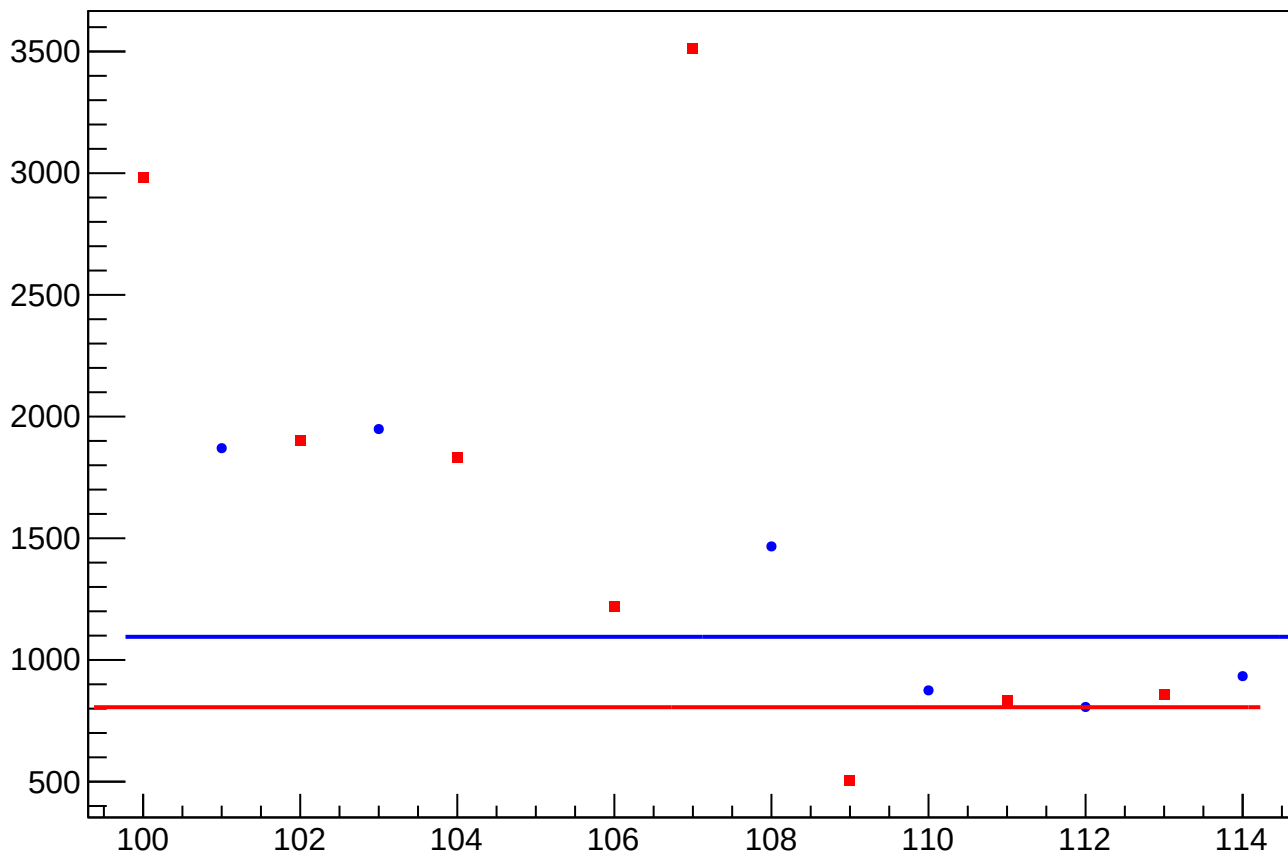
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.417+/-420.690 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1095.123+/-0.511 χ^2/NDF : 689331.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

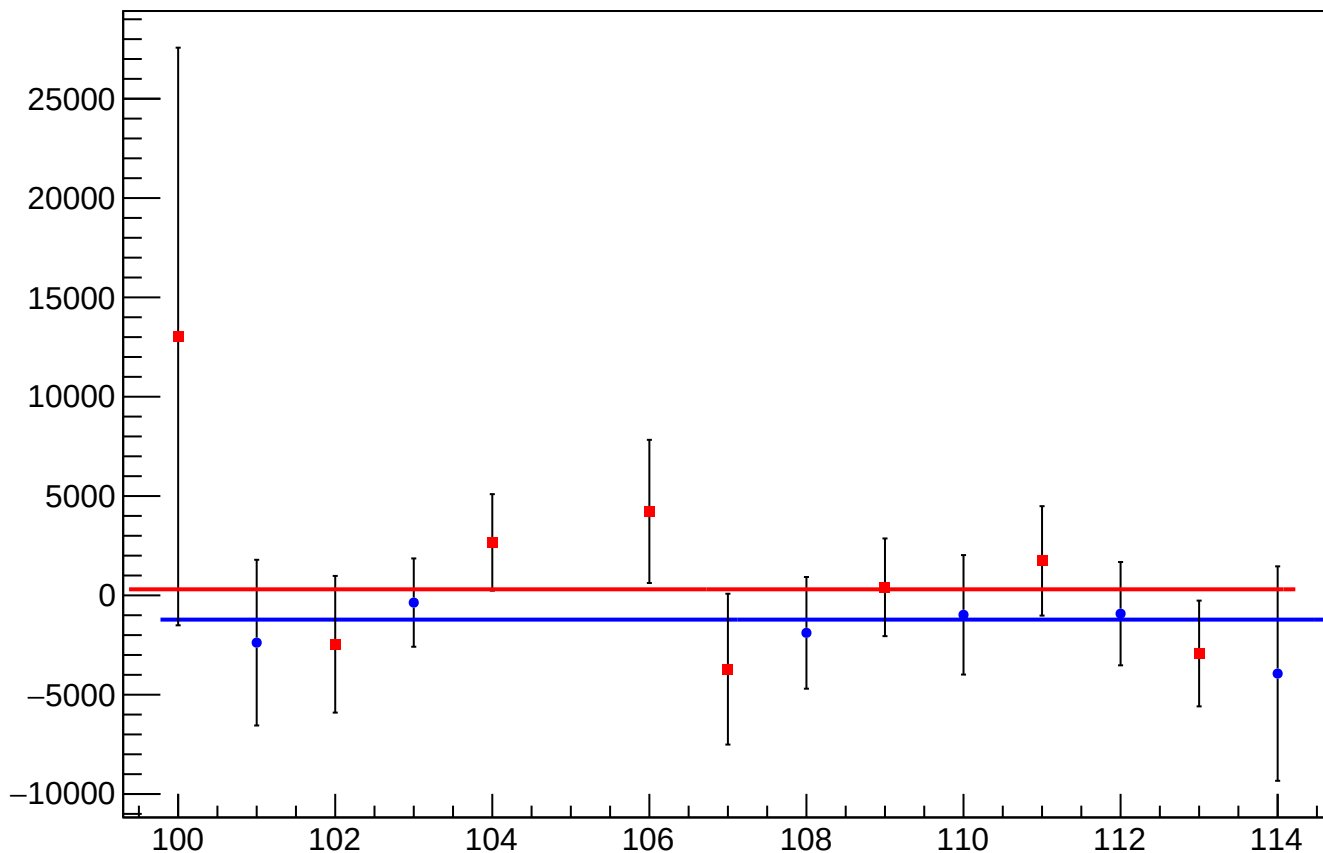
Right Out: 805.912+/-0.366 χ^2/NDF : 1537481.1/7

All: 903.970+/-0.297 χ^2/NDF : 2438633.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1220.314+/-1213.416 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.914+/-1088.751 χ^2/NDF : 6.4/7

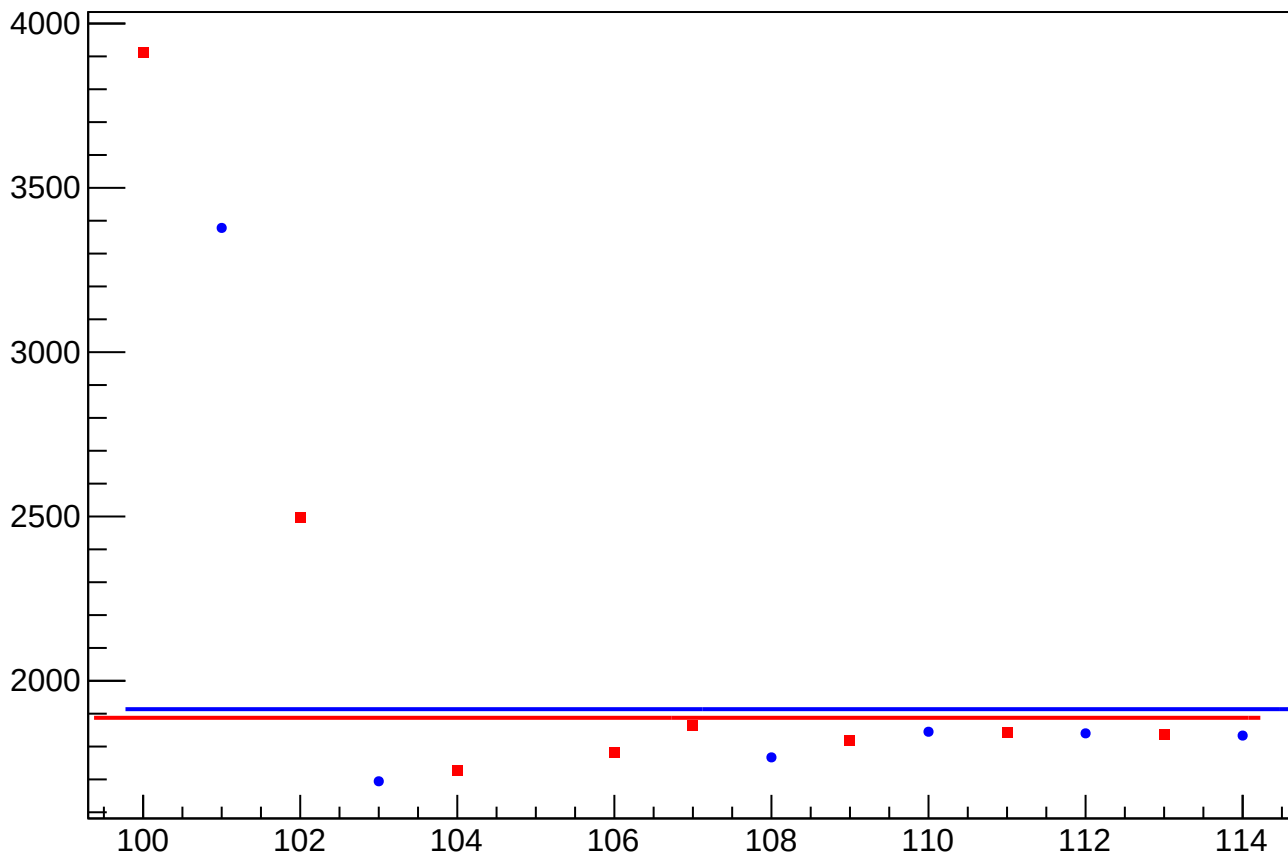
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.348+/-810.365 χ^2/NDF : 7.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1913.727 $\pm$ 0.858 χ^2 /NDF: 274601.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1887.470 $\pm$ 0.770 χ^2 /NDF: 114847.7/7

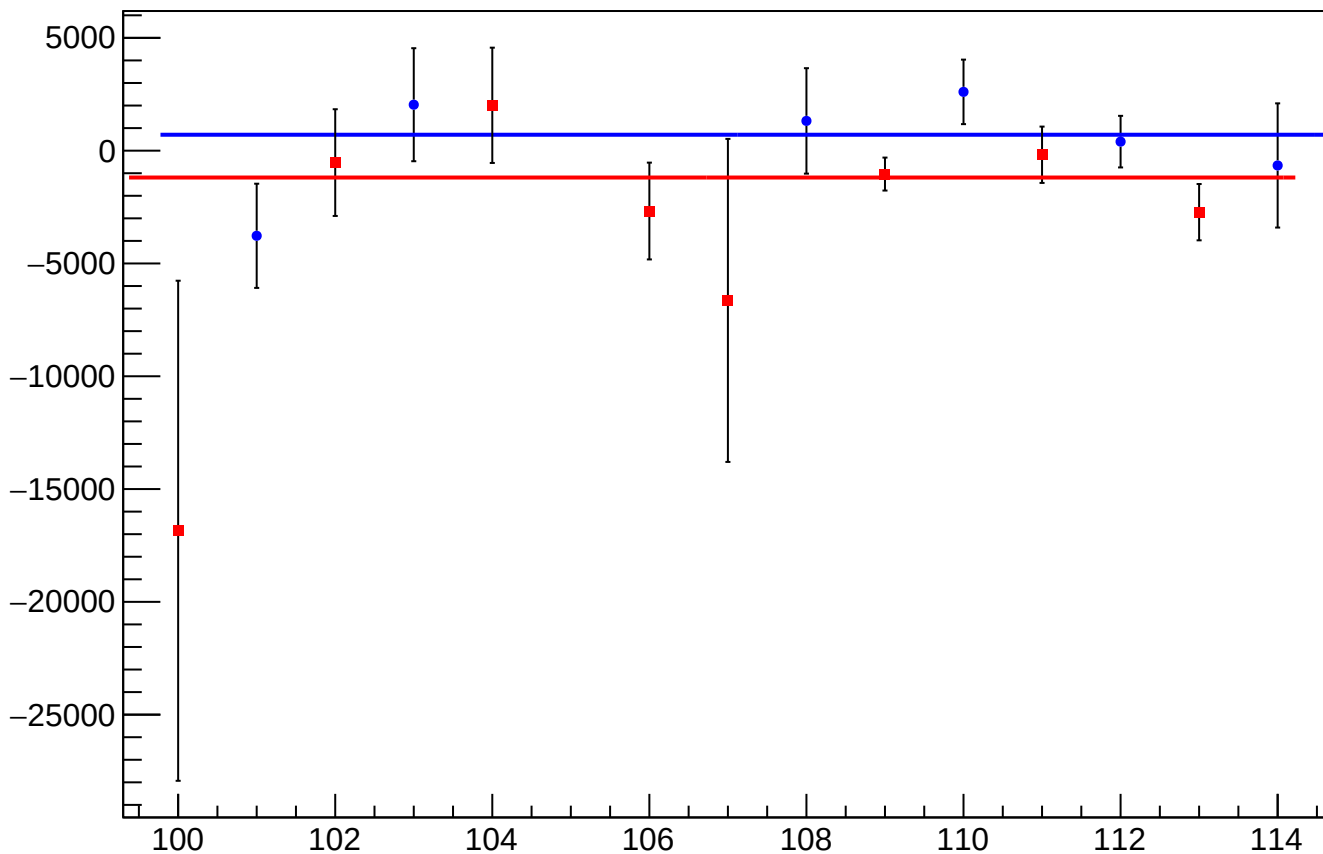
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1899.181 $\pm$ 0.573 χ^2 /NDF: 389967.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 705.915+/-722.479 χ^2/NDF : 6.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1190.352+/-517.462 χ^2/NDF : 6.9/7

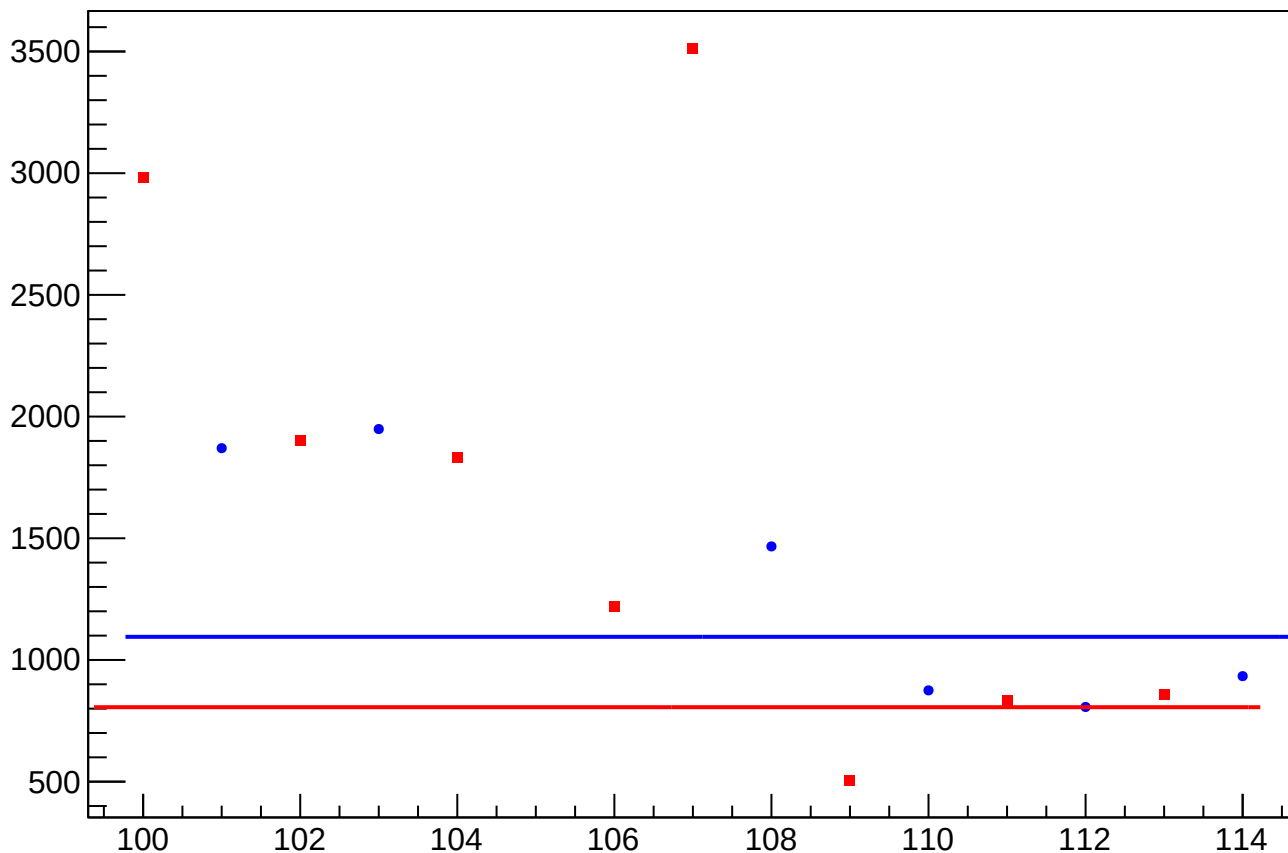
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.412+/-420.688 χ^2/NDF : 17.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1095.114 $\pm$ 0.511 χ^2 /NDF: 689341.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

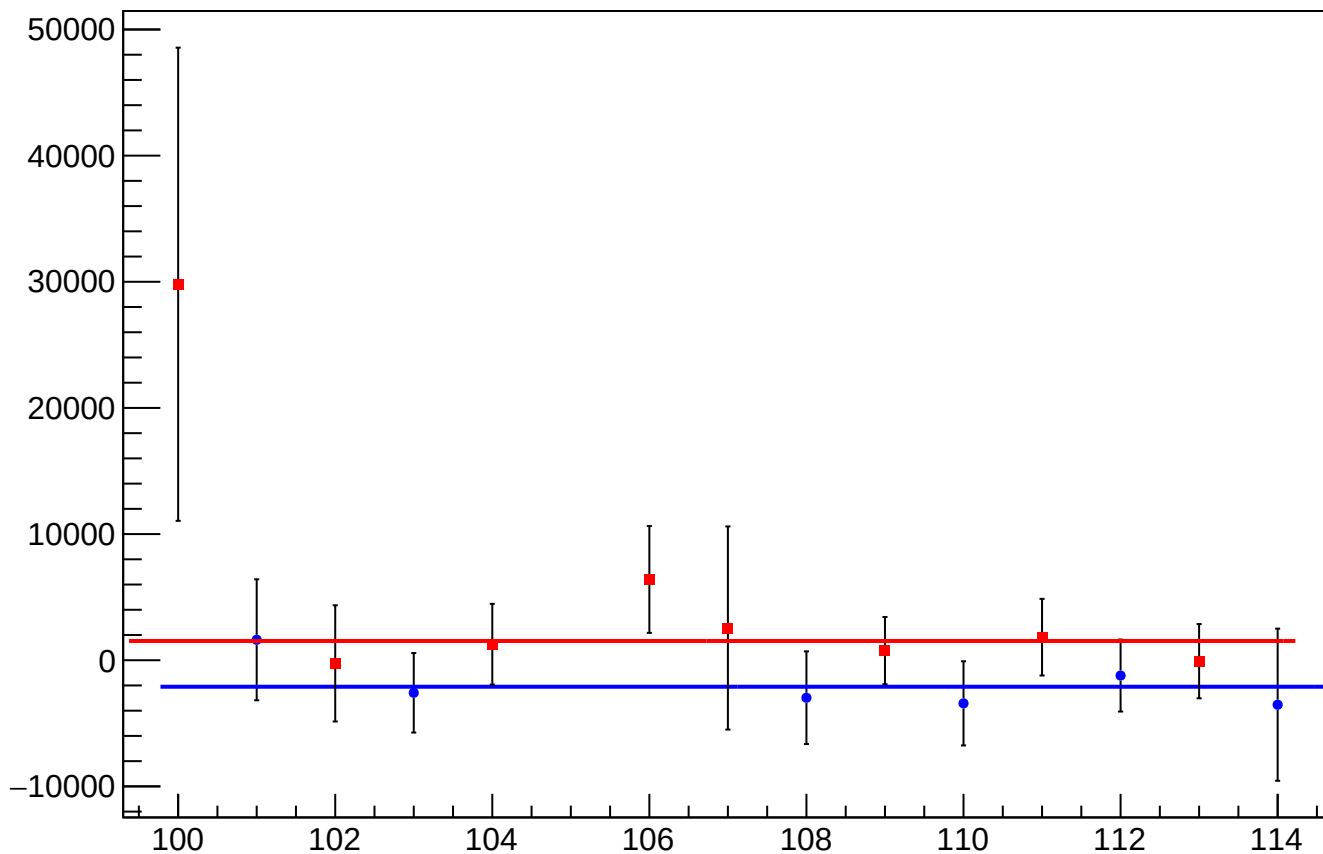
Right Out: 805.911 $\pm$ 0.366 χ^2 /NDF: 1537475.7/7

All: 903.967 $\pm$ 0.297 χ^2 /NDF: 2438629.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -2101.539+/-1476.941 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1525.698+/-1309.058 χ^2/NDF : 4.2/7

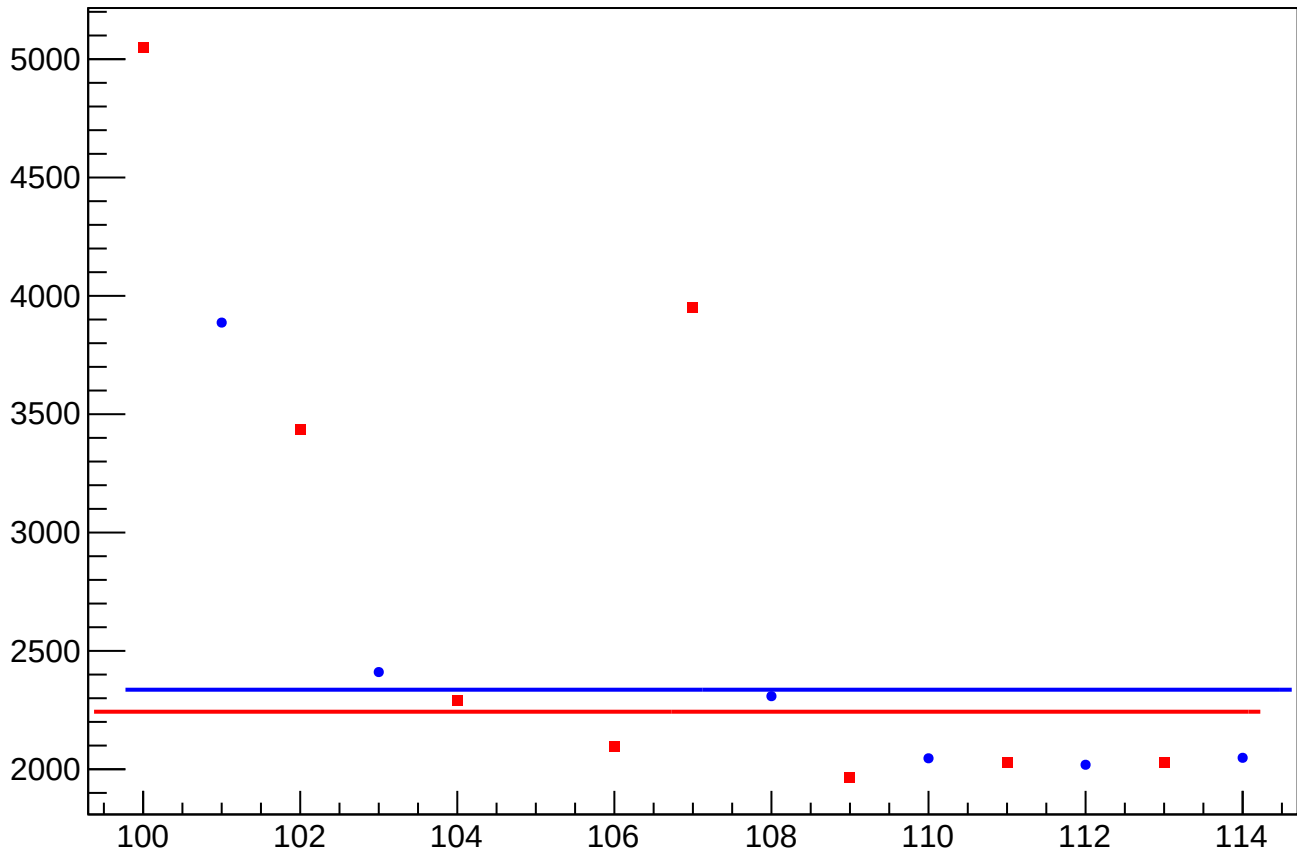
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.136+/-979.646 χ^2/NDF : 8.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2336.002 $\pm$ 1.044 χ^2 /NDF: 254688.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2243.039 $\pm$ 0.926 χ^2 /NDF: 313544.2/7

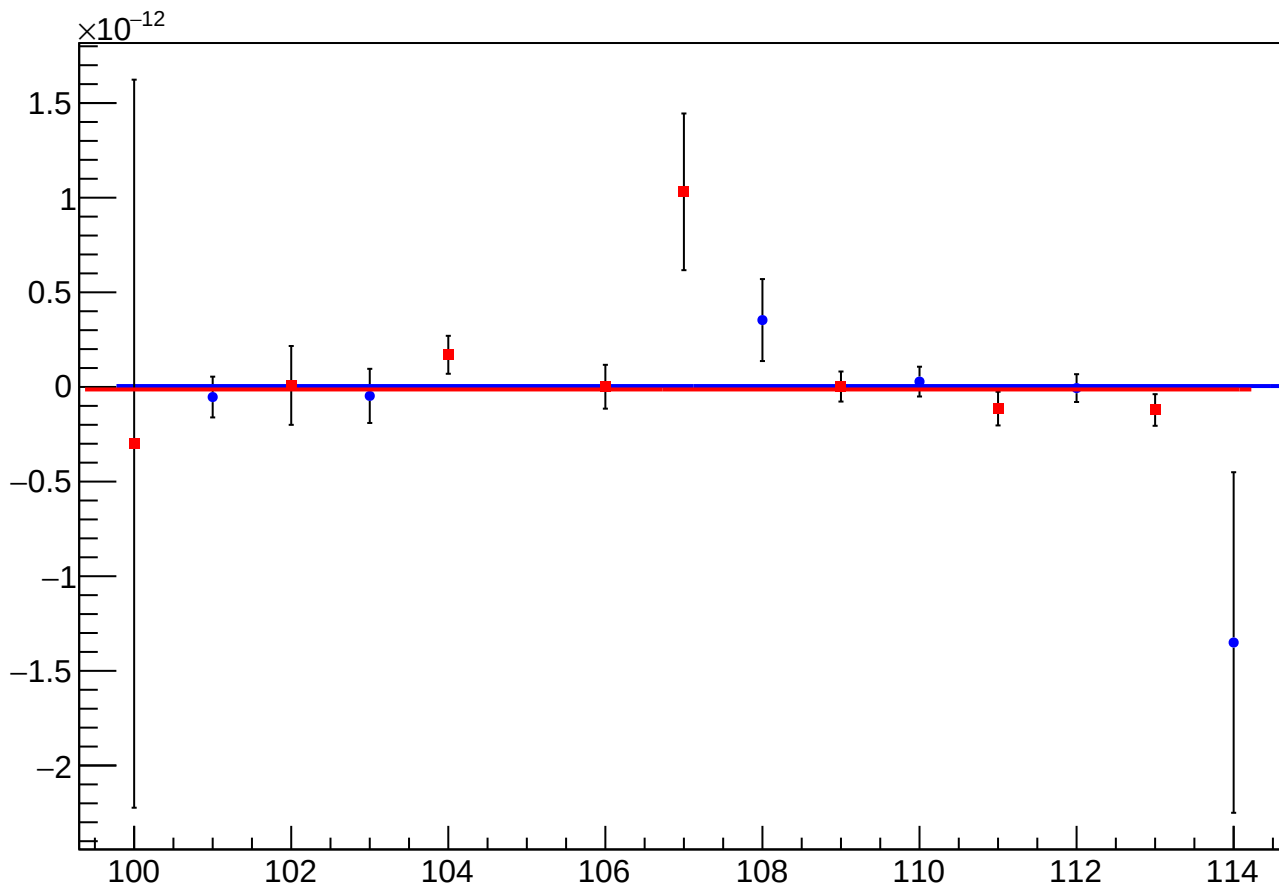
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2283.938 $\pm$ 0.693 χ^2 /NDF: 572670.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/7

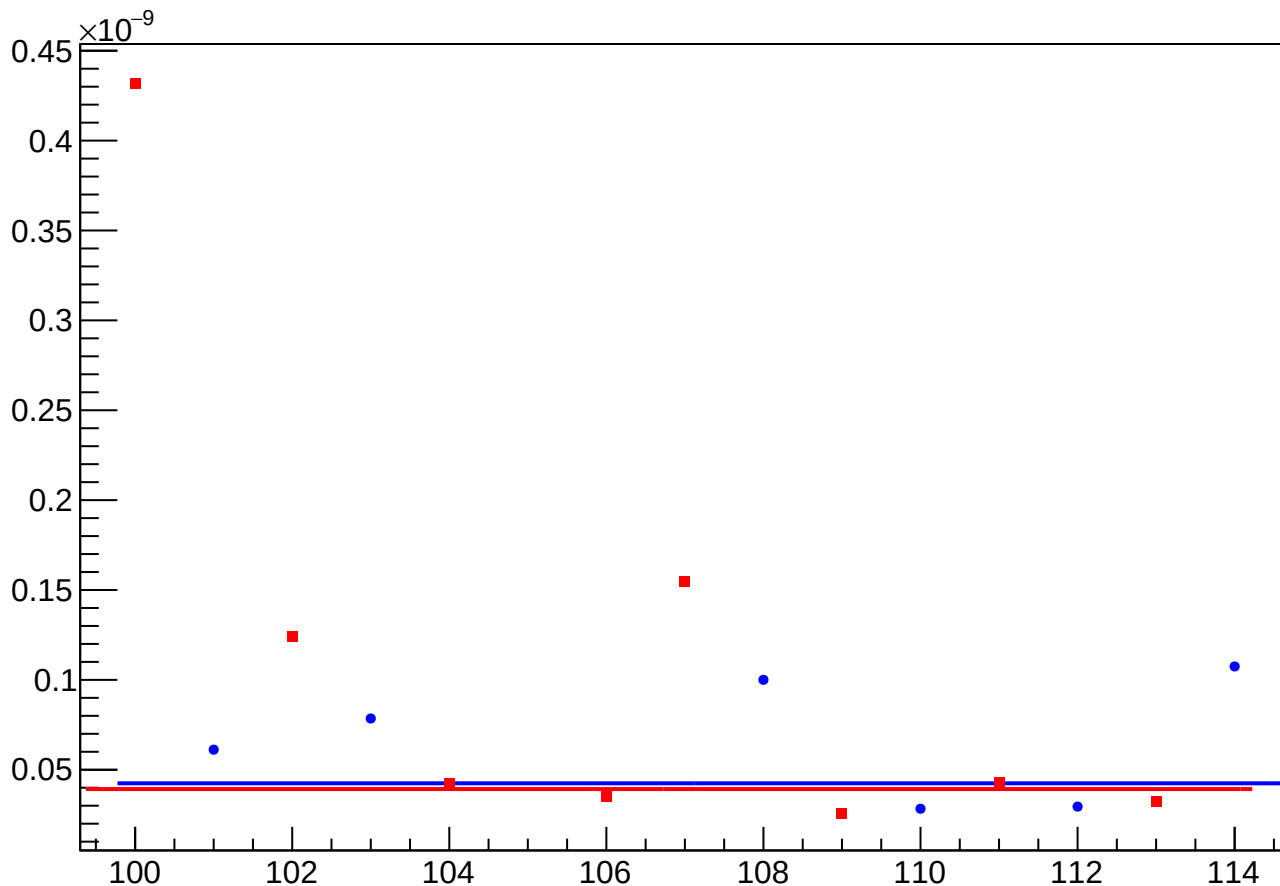
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 465986.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 650716.3/7

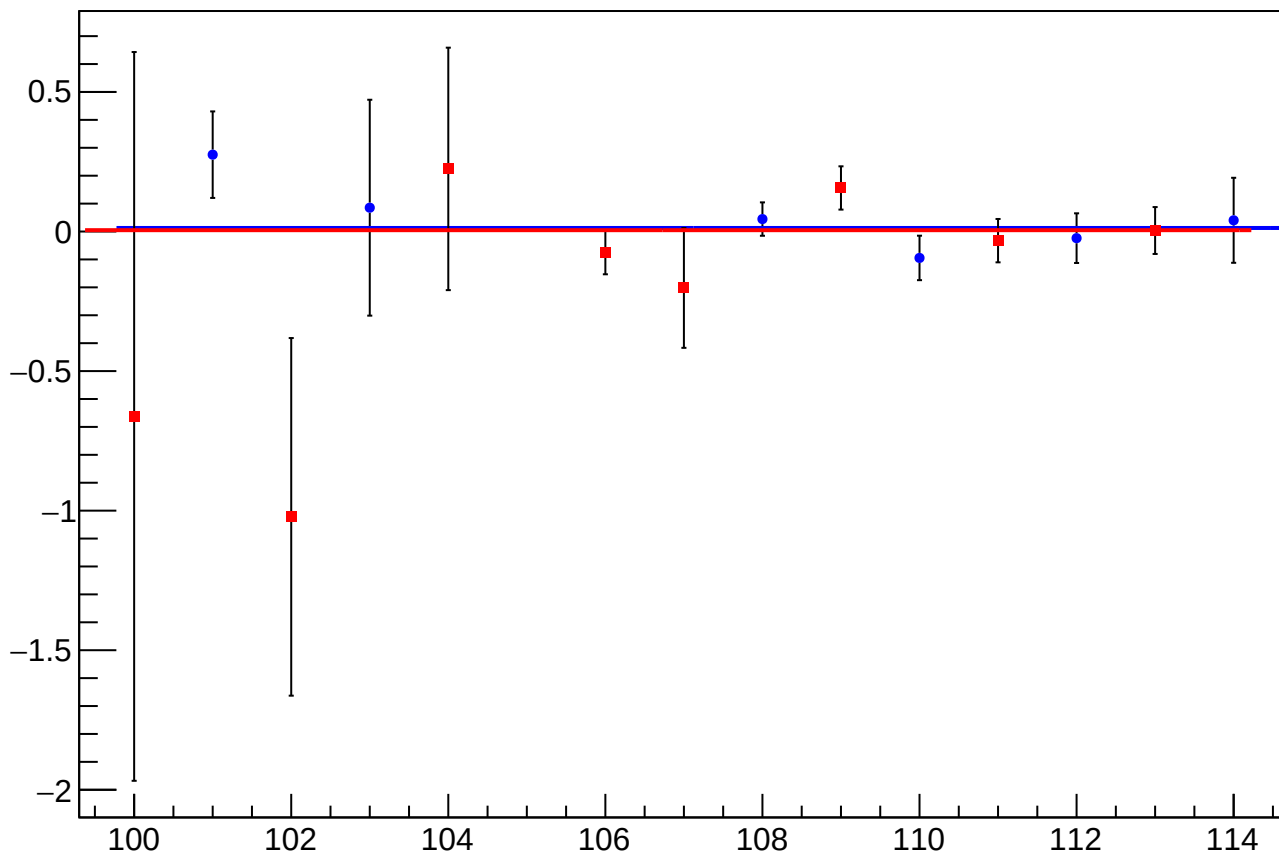
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1122419.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.039 χ^2 /NDF: 5.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.039 χ^2 /NDF: 9.0/7

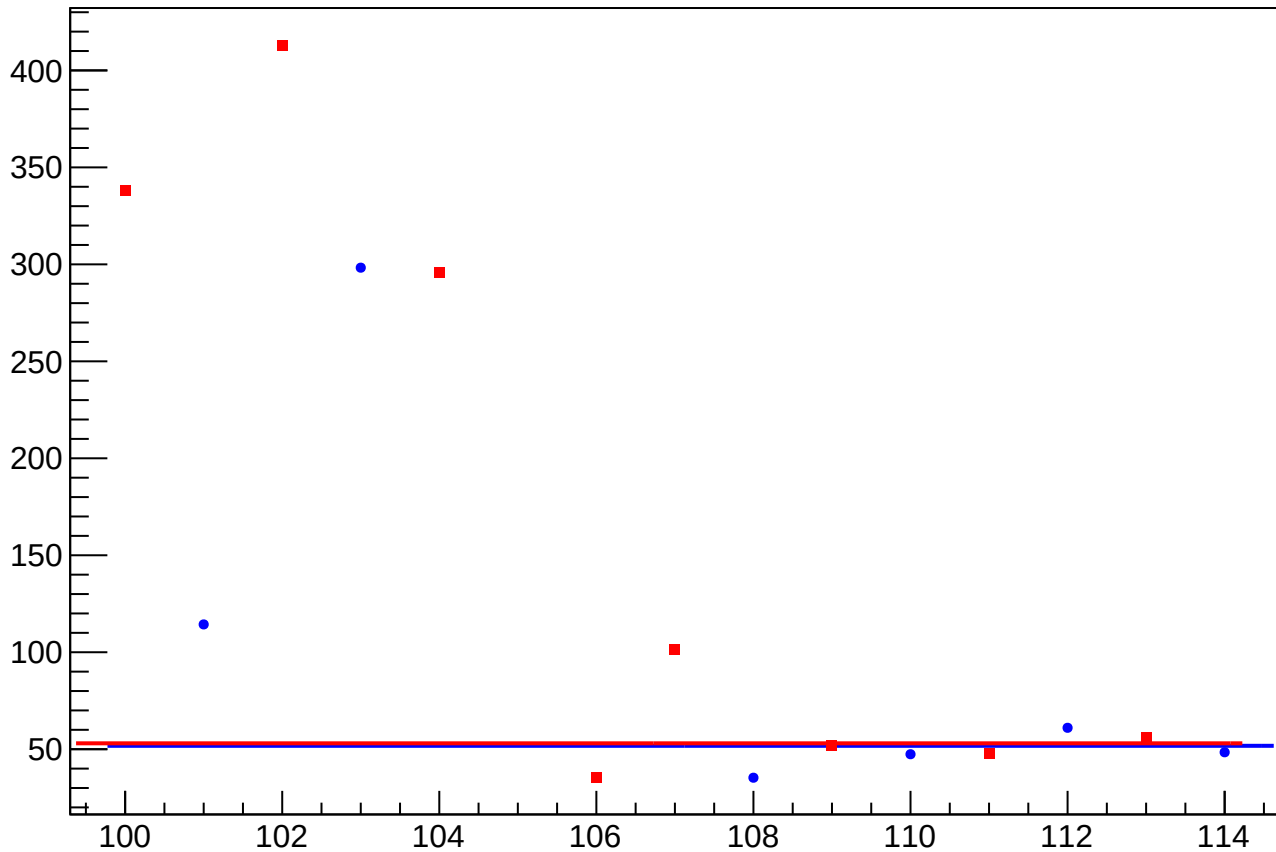
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.028 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 51.754+/-0.028 χ^2/NDF : 1319022.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.038+/-0.027 χ^2/NDF : 1565994.4/7

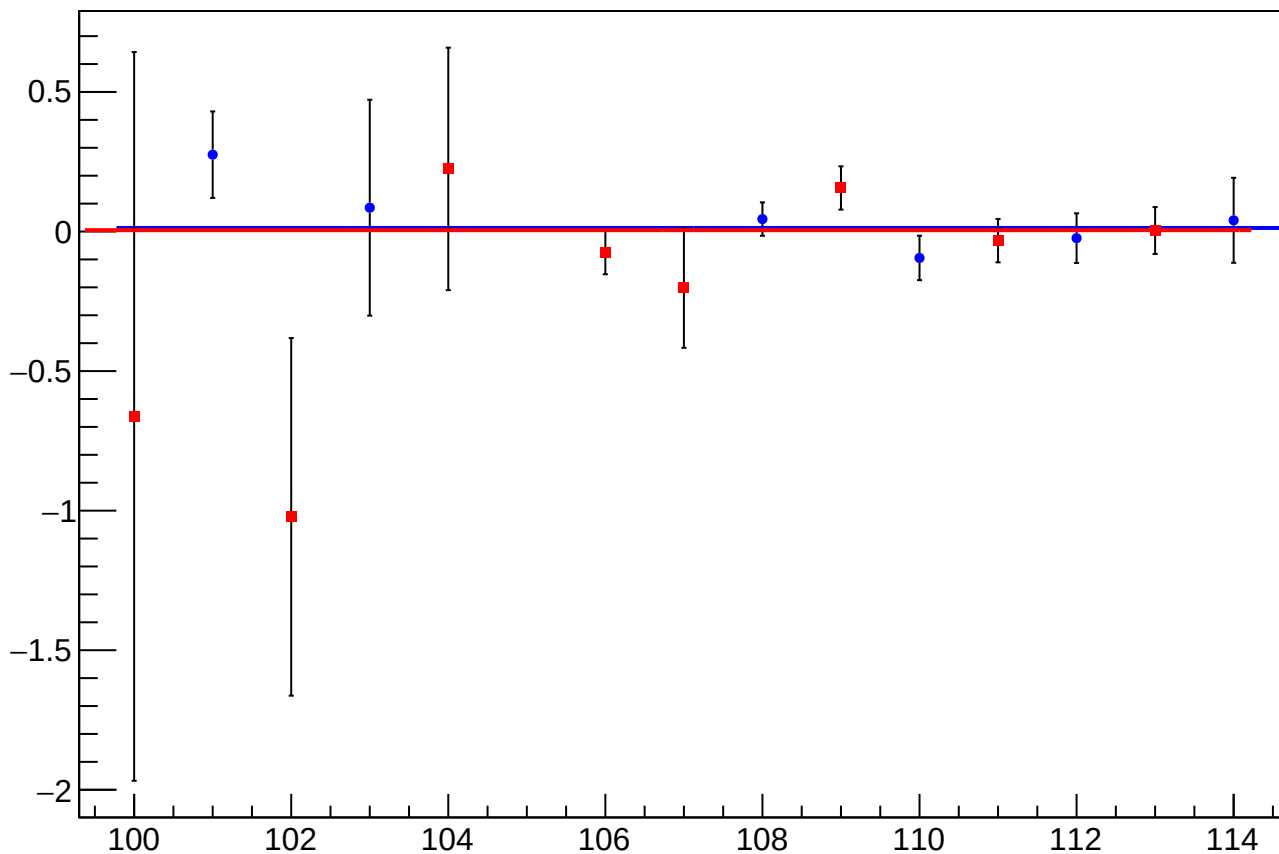
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.400+/-0.019 χ^2/NDF : 2886103.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.039 χ^2 /NDF: 5.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.039 χ^2 /NDF: 9.0/7

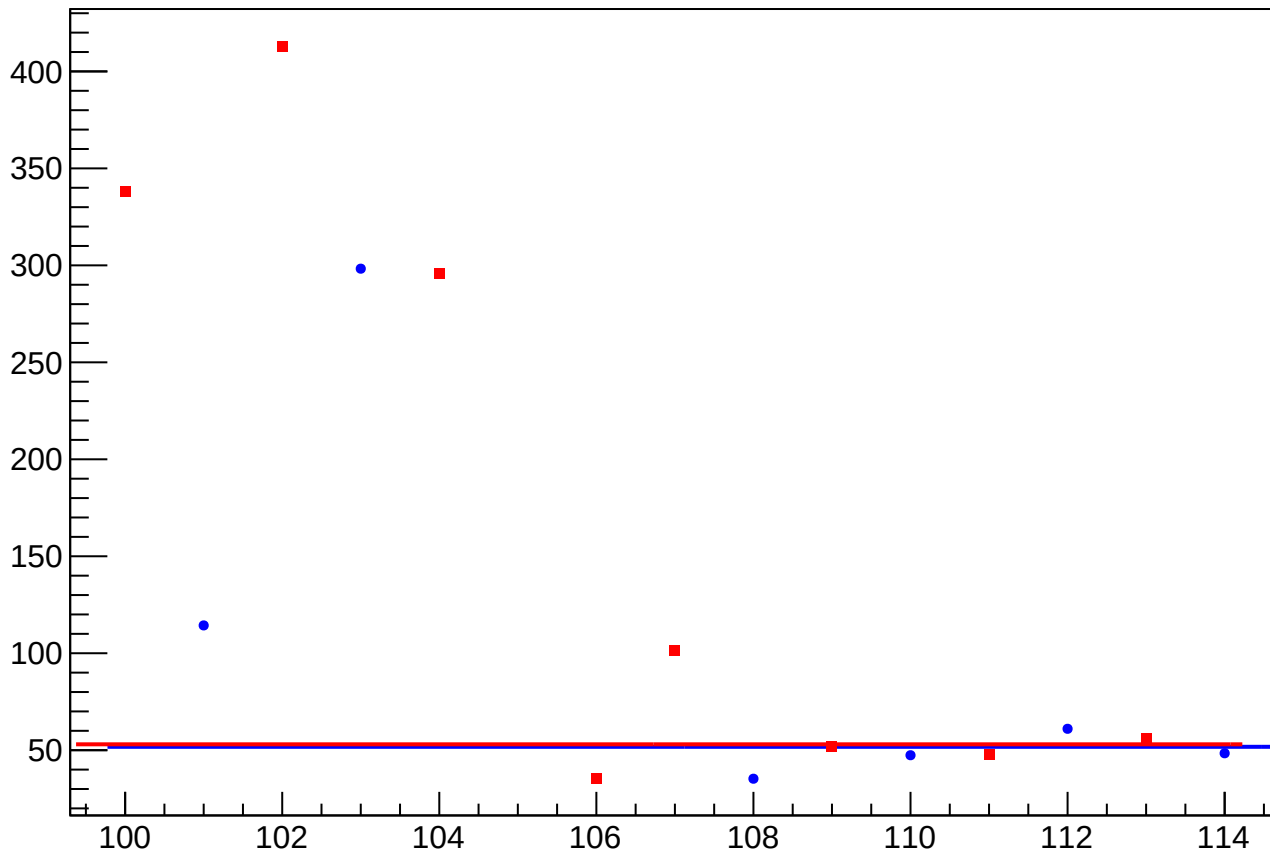
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.028 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.754+/-0.028 χ^2/NDF : 1319022.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.038+/-0.027 χ^2/NDF : 1565994.4/7

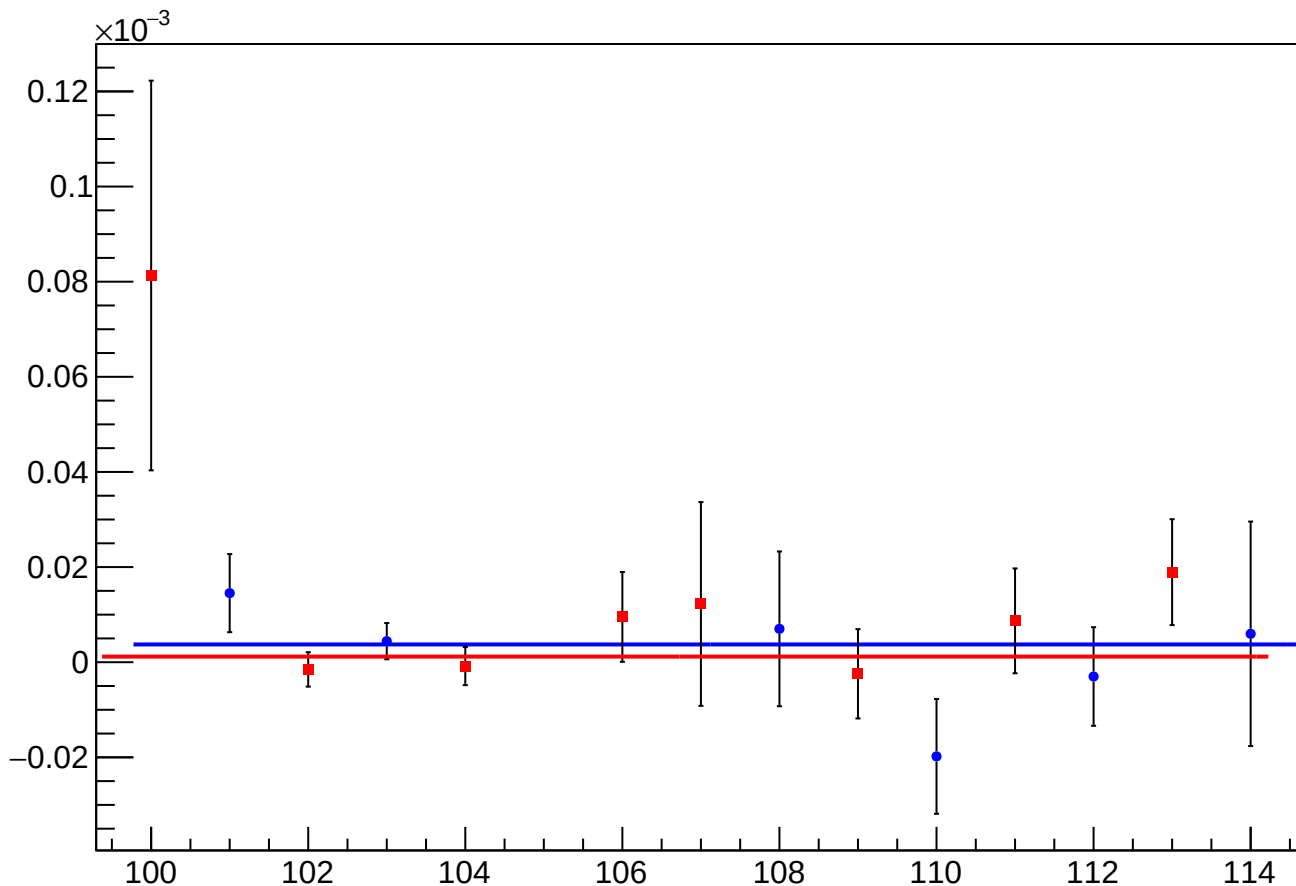
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.400+/-0.019 χ^2/NDF : 2886103.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.8/7

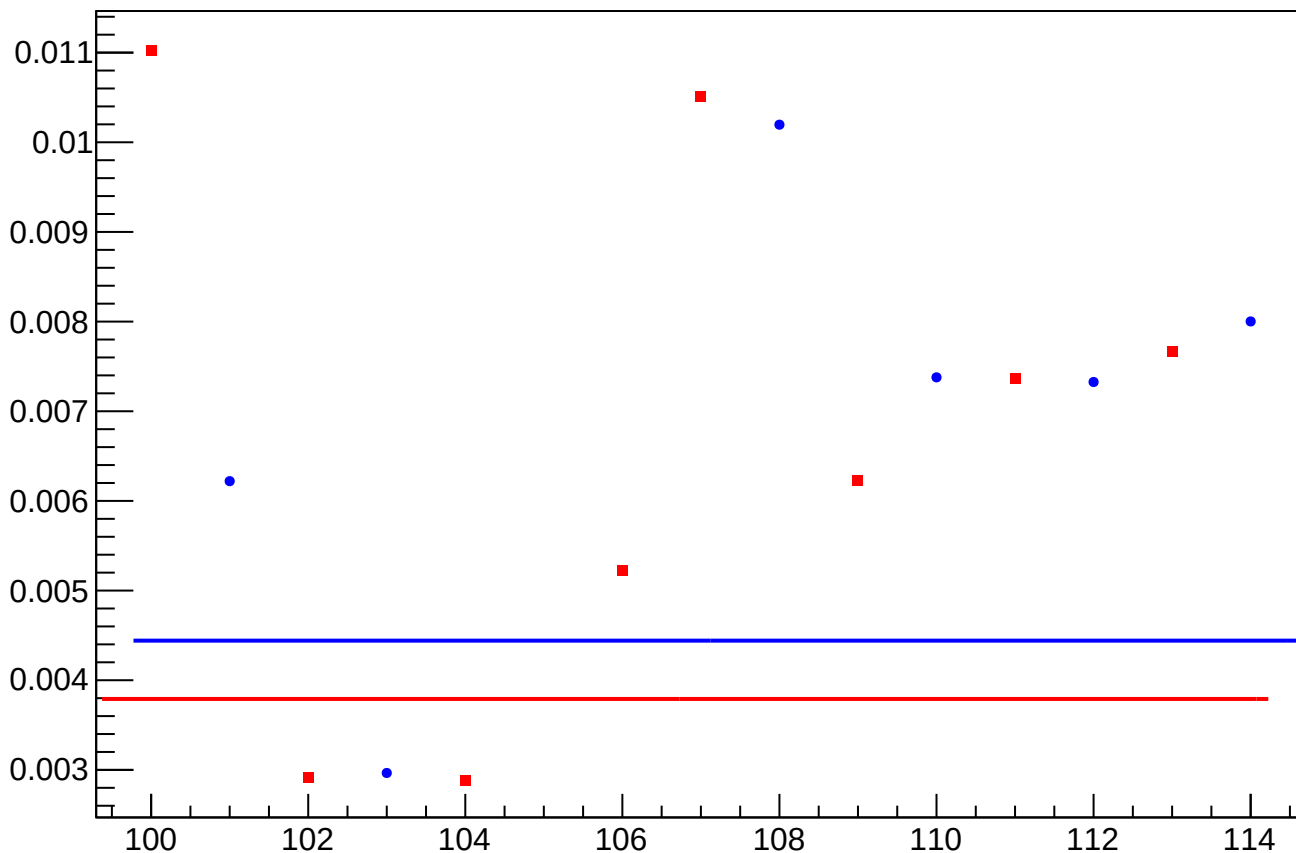
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 962276.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1111424.0/7

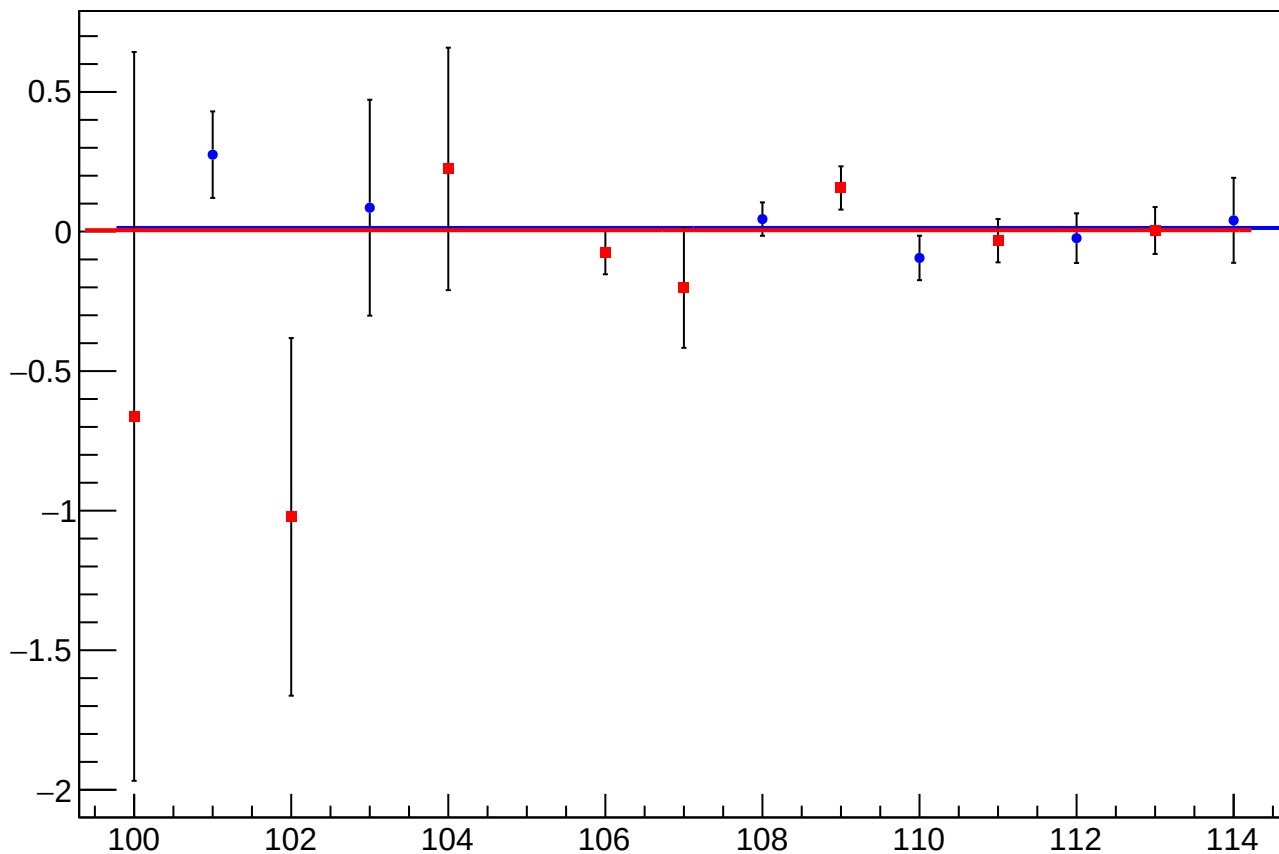
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2129953.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.039 χ^2 /NDF: 5.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.039 χ^2 /NDF: 9.0/7

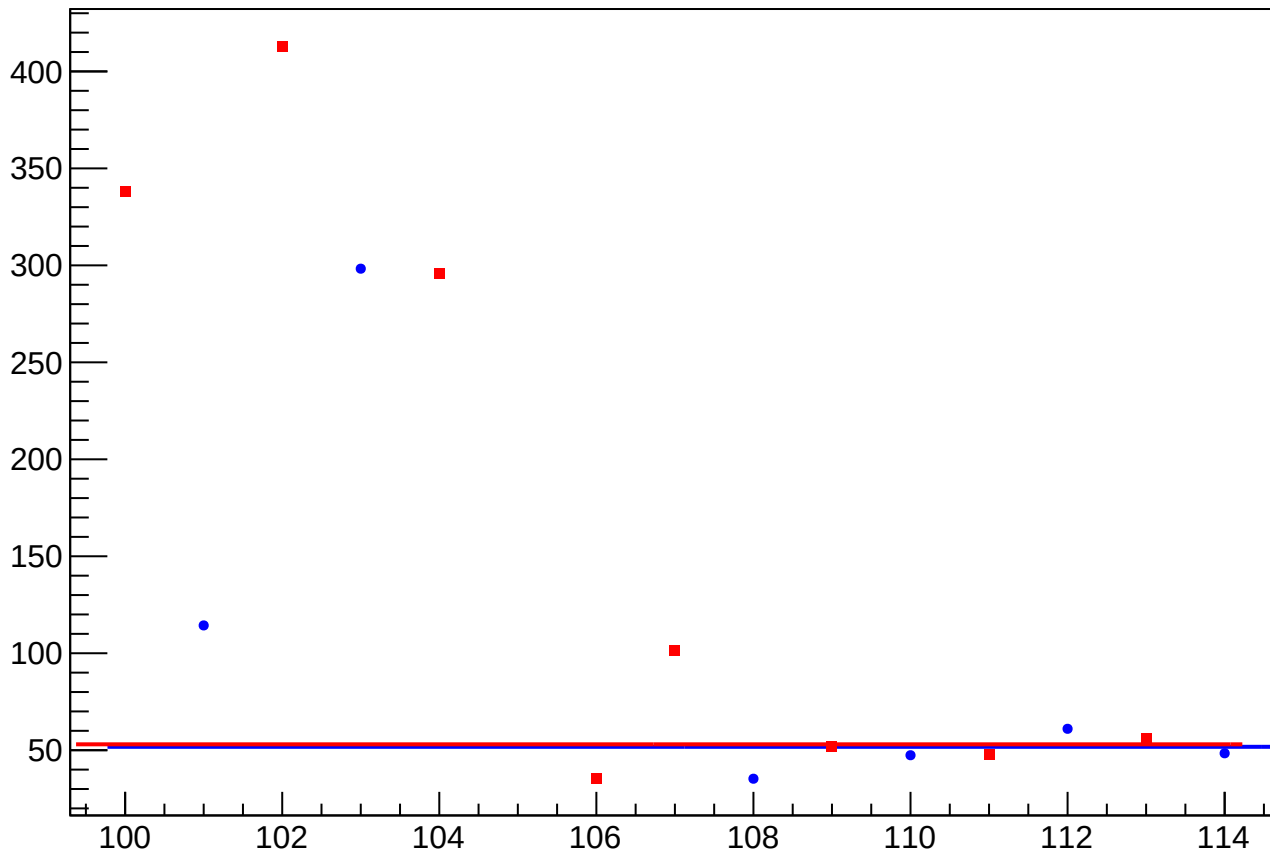
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.028 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 51.757 $\pm$ 0.028 χ^2 /NDF: 1318950.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.039 $\pm$ 0.027 χ^2 /NDF: 1565976.6/7

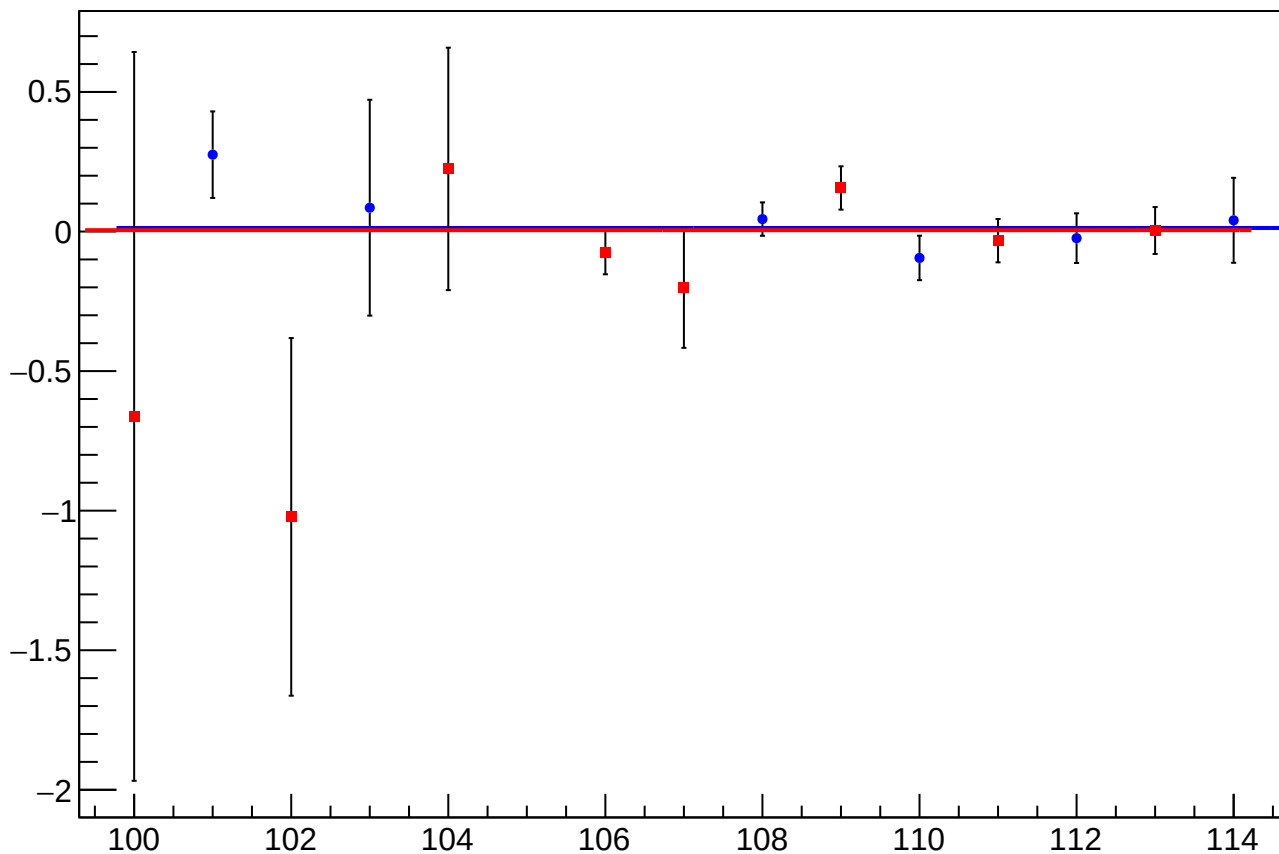
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.402 $\pm$ 0.019 χ^2 /NDF: 2886010.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.039 χ^2 /NDF: 5.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.039 χ^2 /NDF: 9.0/7

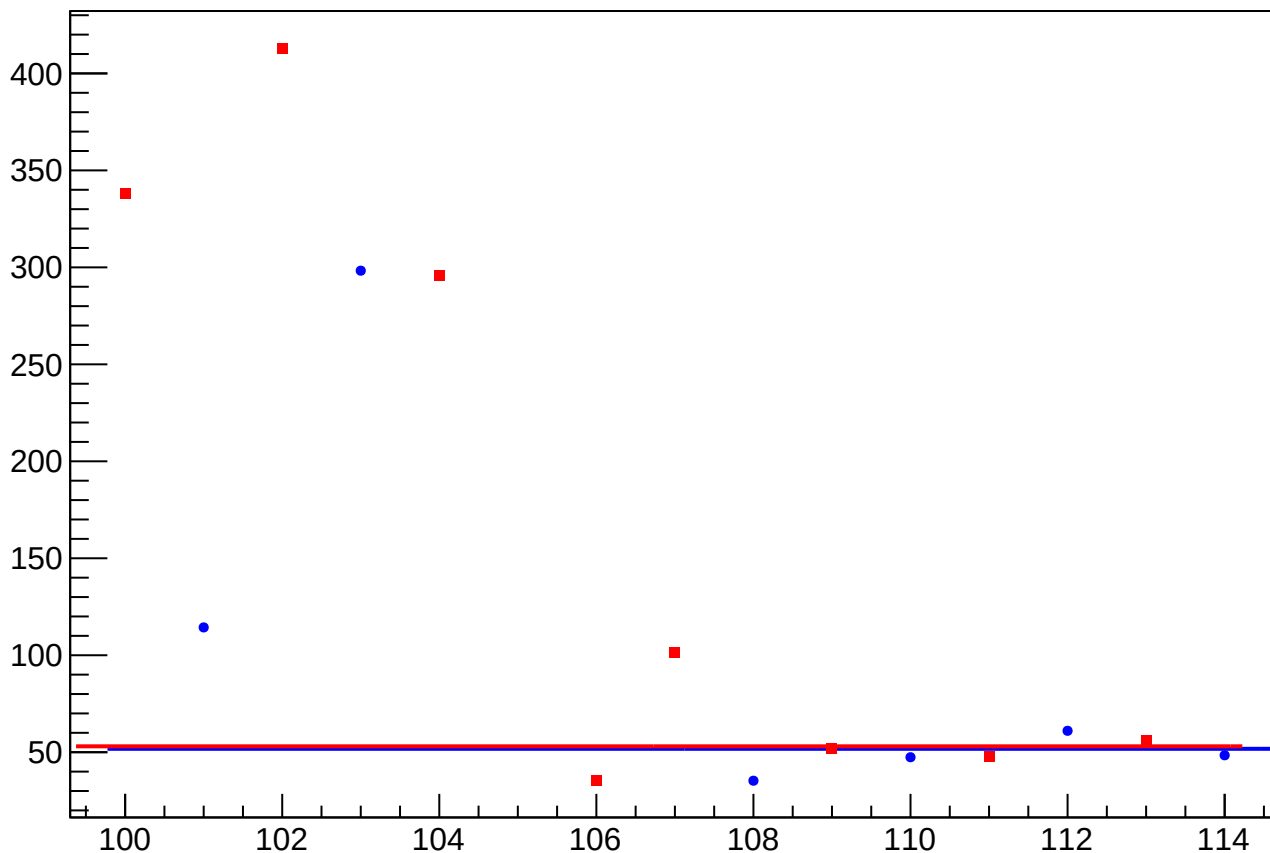
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.028 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.757+/-0.028 χ^2/NDF : 1318950.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.039+/-0.027 χ^2/NDF : 1565976.6/7

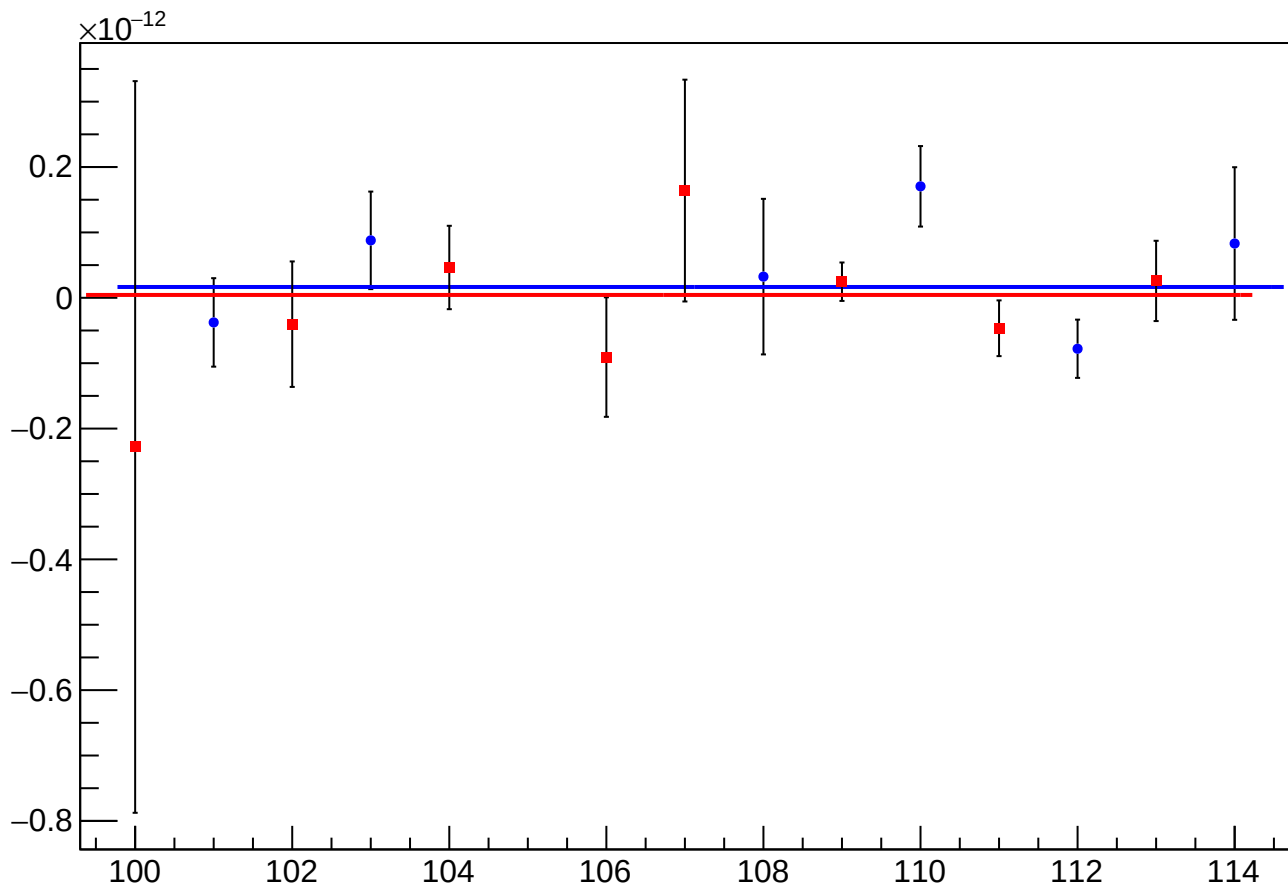
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.402+/-0.019 χ^2/NDF : 2886010.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/7

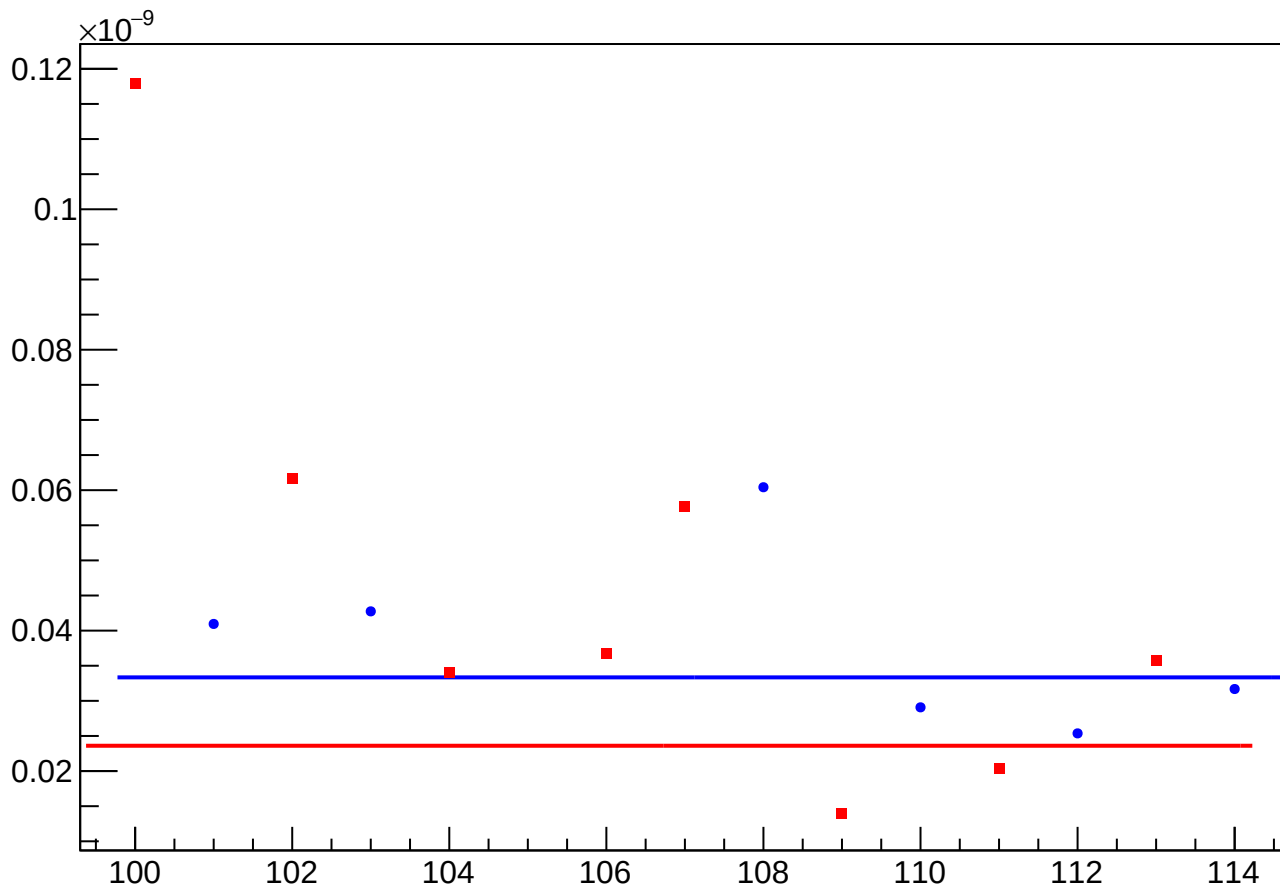
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 234792.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 852221.5/7

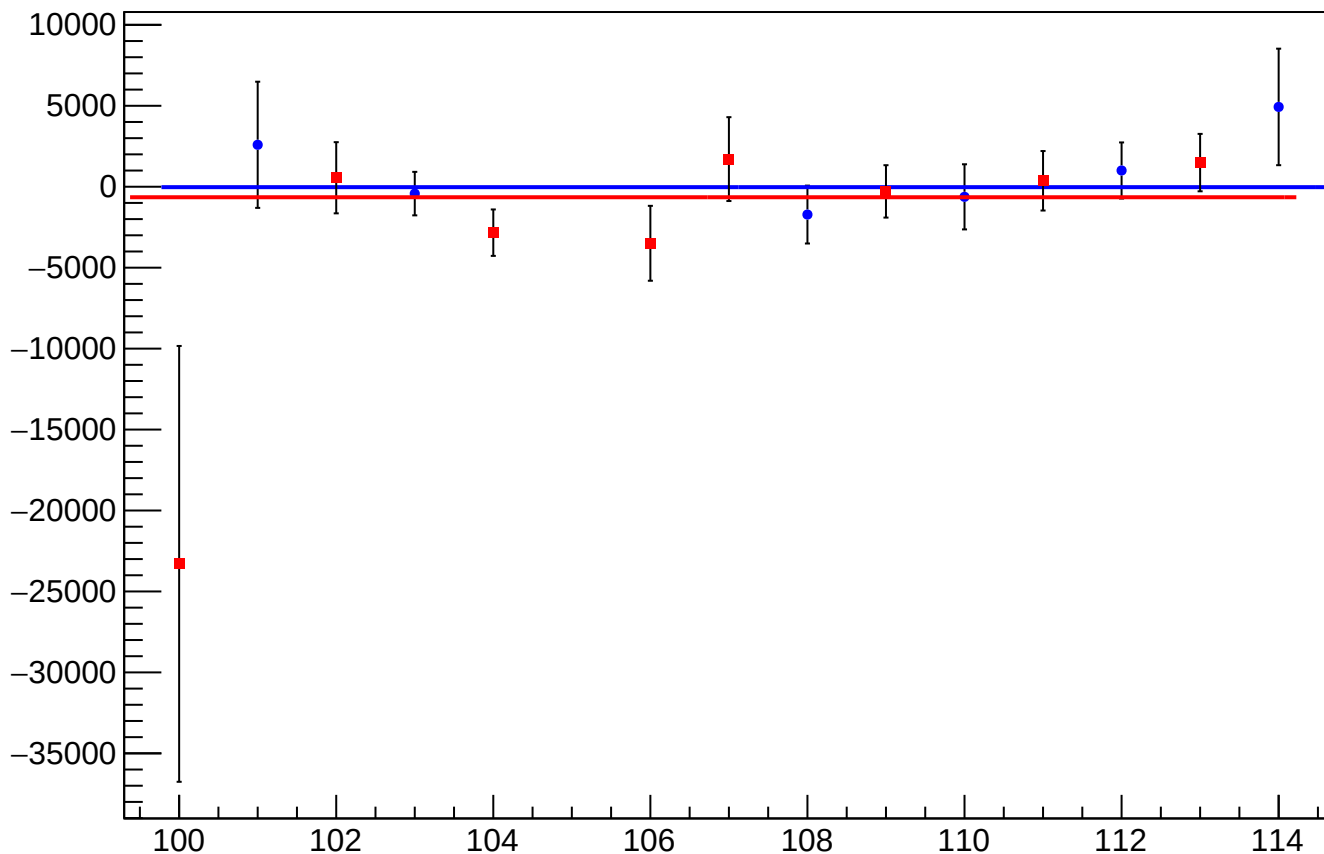
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1249700.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -26.108 ± 793.029 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -649.259 ± 701.681 χ^2/NDF : 9.6/7

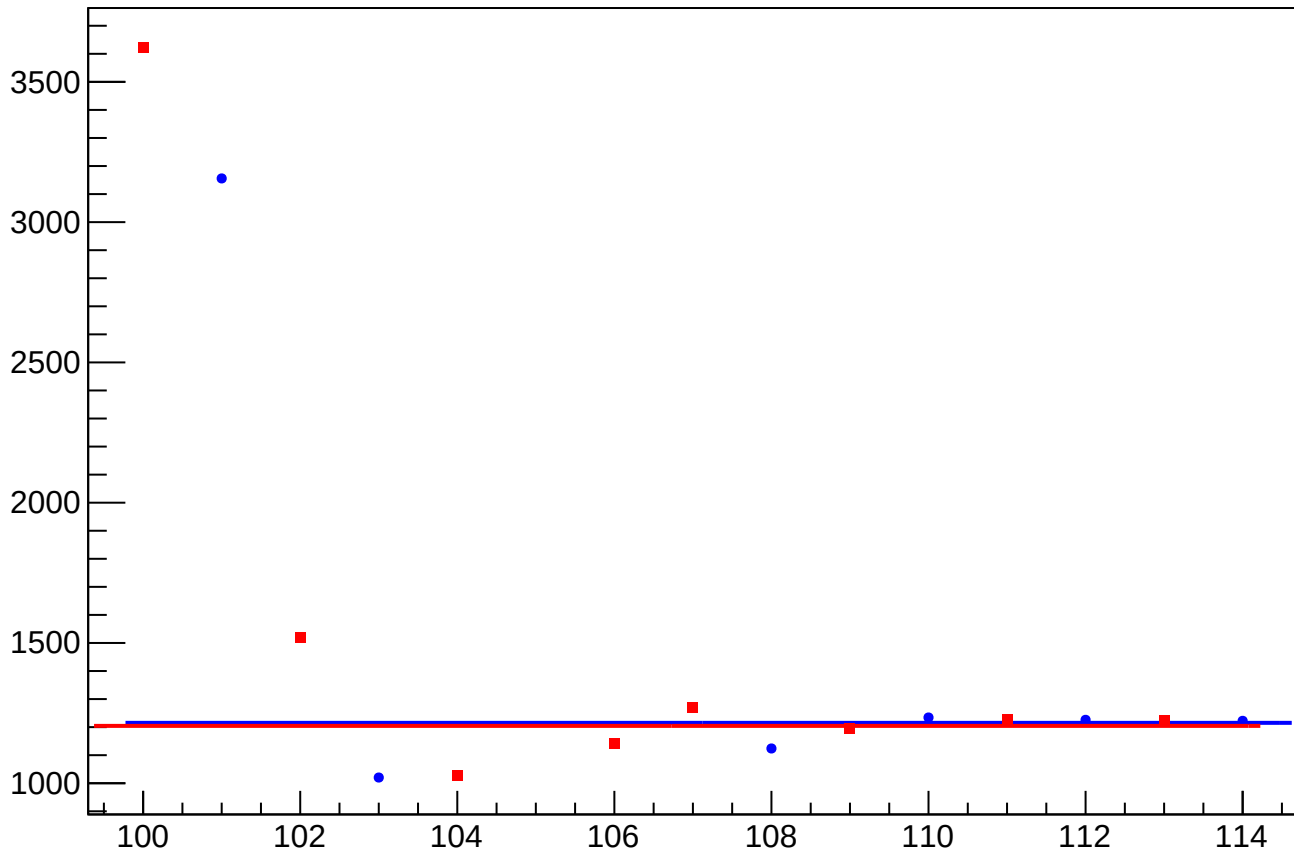
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -375.625 ± 525.506 χ^2/NDF : 13.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1215.293+/-0.561 χ^2/NDF : 543507.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.426+/-0.496 χ^2/NDF : 139805.3/7

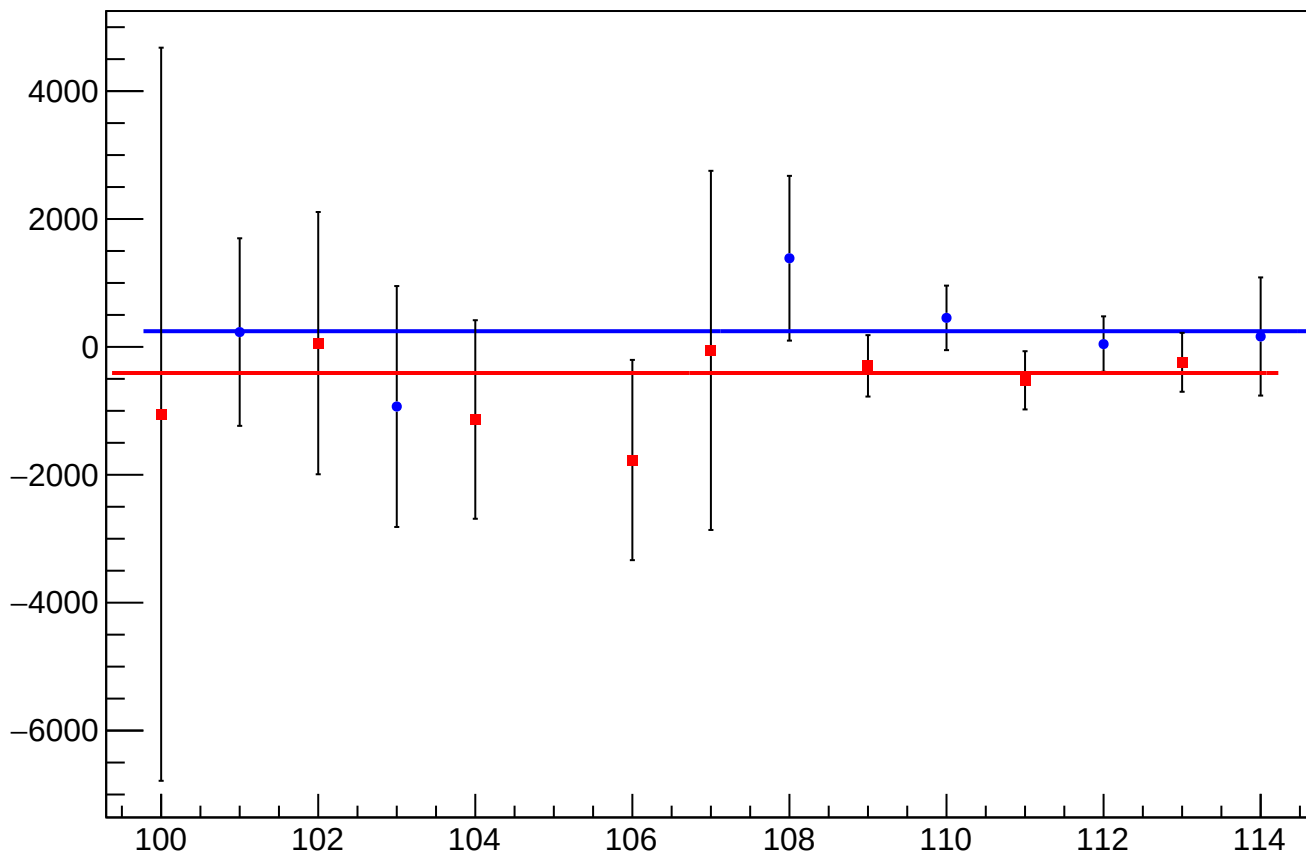
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.198+/-0.372 χ^2/NDF : 683523.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



Right In: 245.471 $\pm$ 291.524 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -408.175 $\pm$ 257.441 χ^2 /NDF: 1.3/7

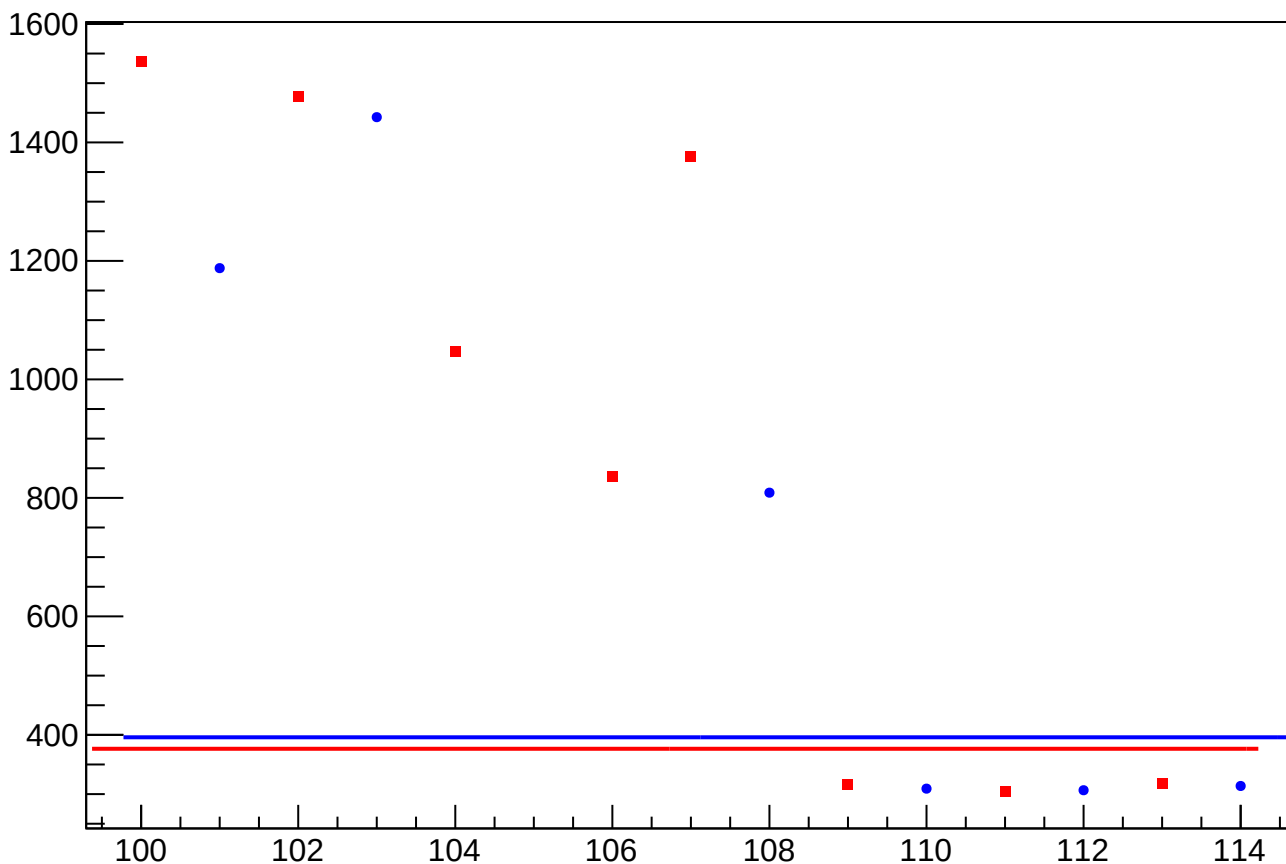
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -121.779 $\pm$ 192.969 χ^2 /NDF: 5.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 395.894 $\pm$ 0.206 χ^2 /NDF: 1565744.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 376.508 $\pm$ 0.182 χ^2 /NDF: 1573544.3/7

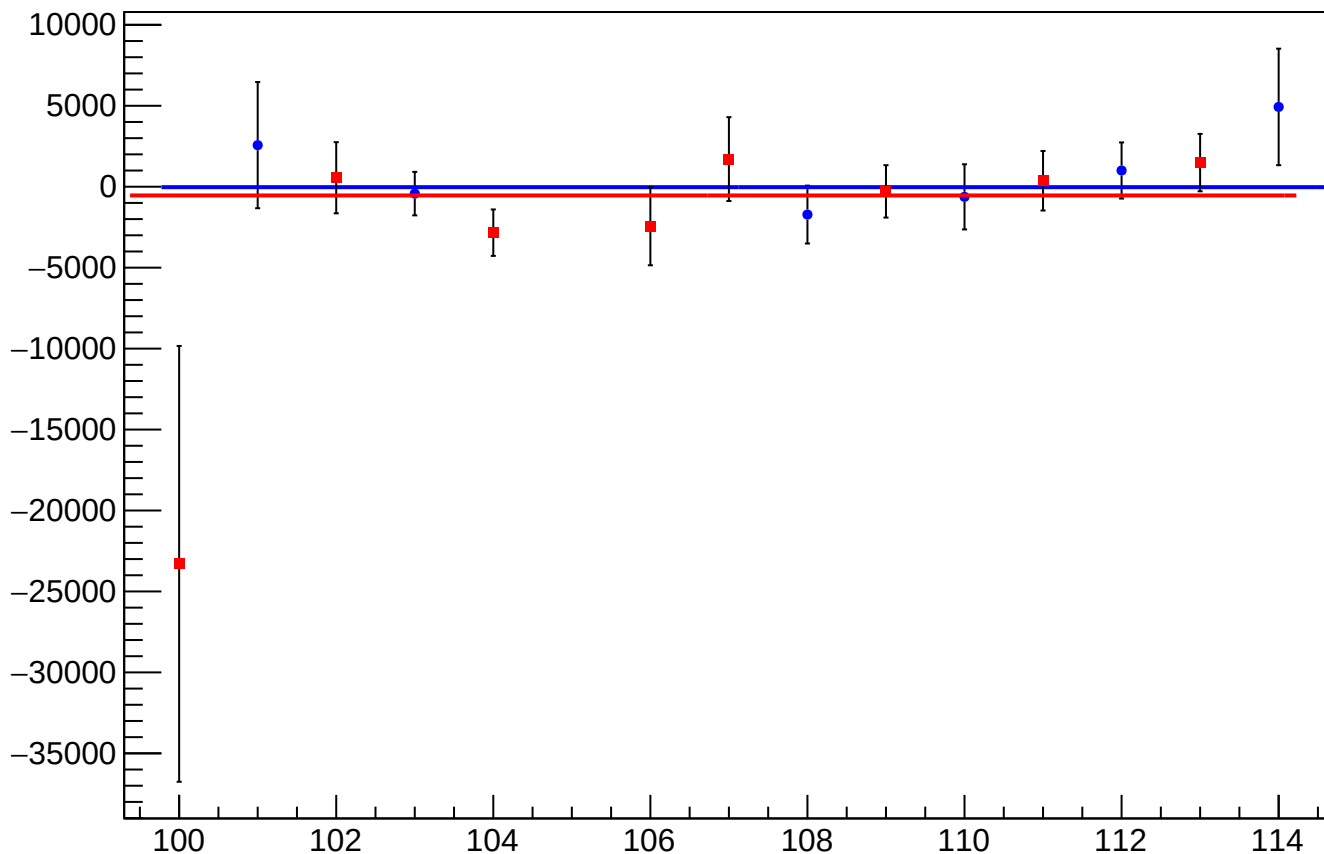
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 385.002 $\pm$ 0.136 χ^2 /NDF: 3144257.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -27.185 $\pm$ 793.029 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -539.099 $\pm$ -704.183 χ^2 /NDF: 8.6/7

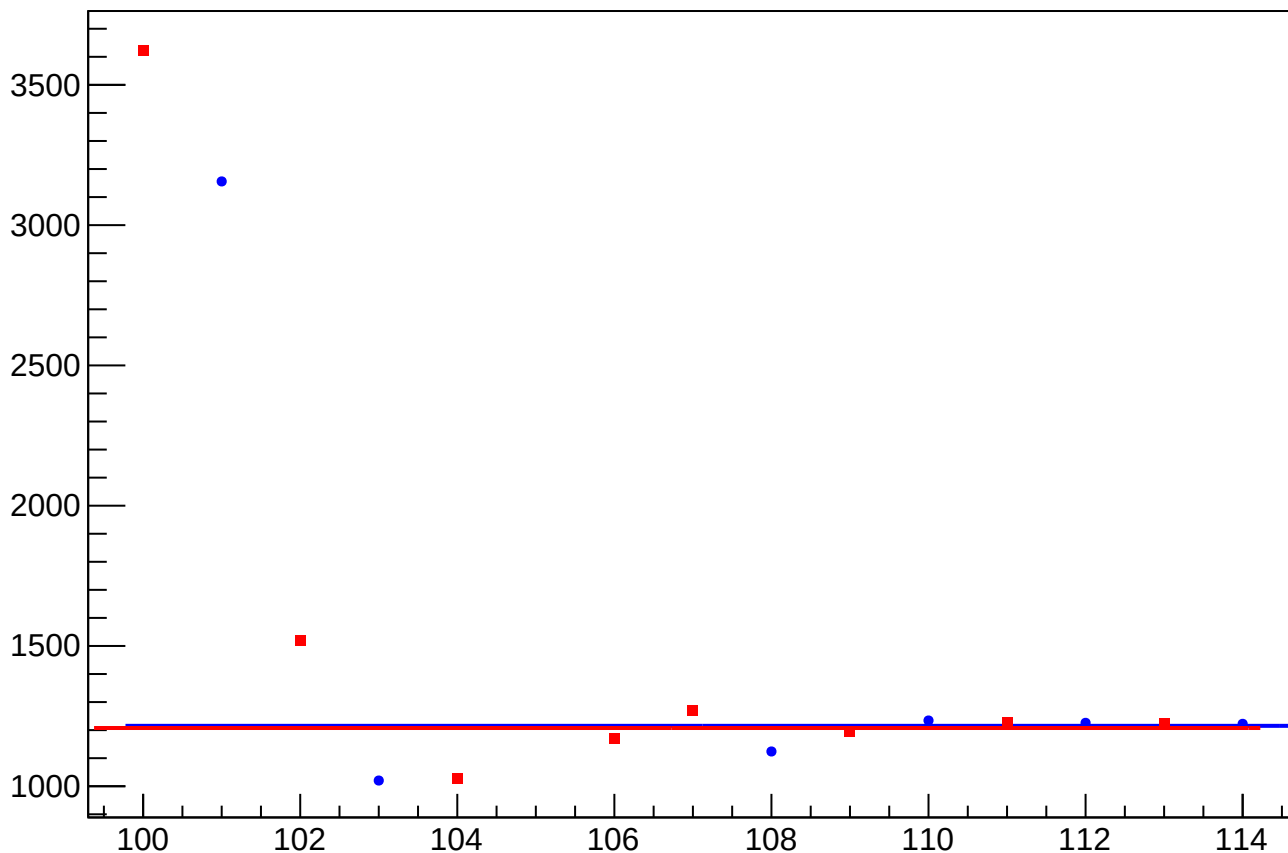
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -313.413 $\pm$ -526.554 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1215.292 $\pm$ 0.561 χ^2 /NDF: 543508.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1207.563 $\pm$ 0.498 χ^2 /NDF: 138602.4/7

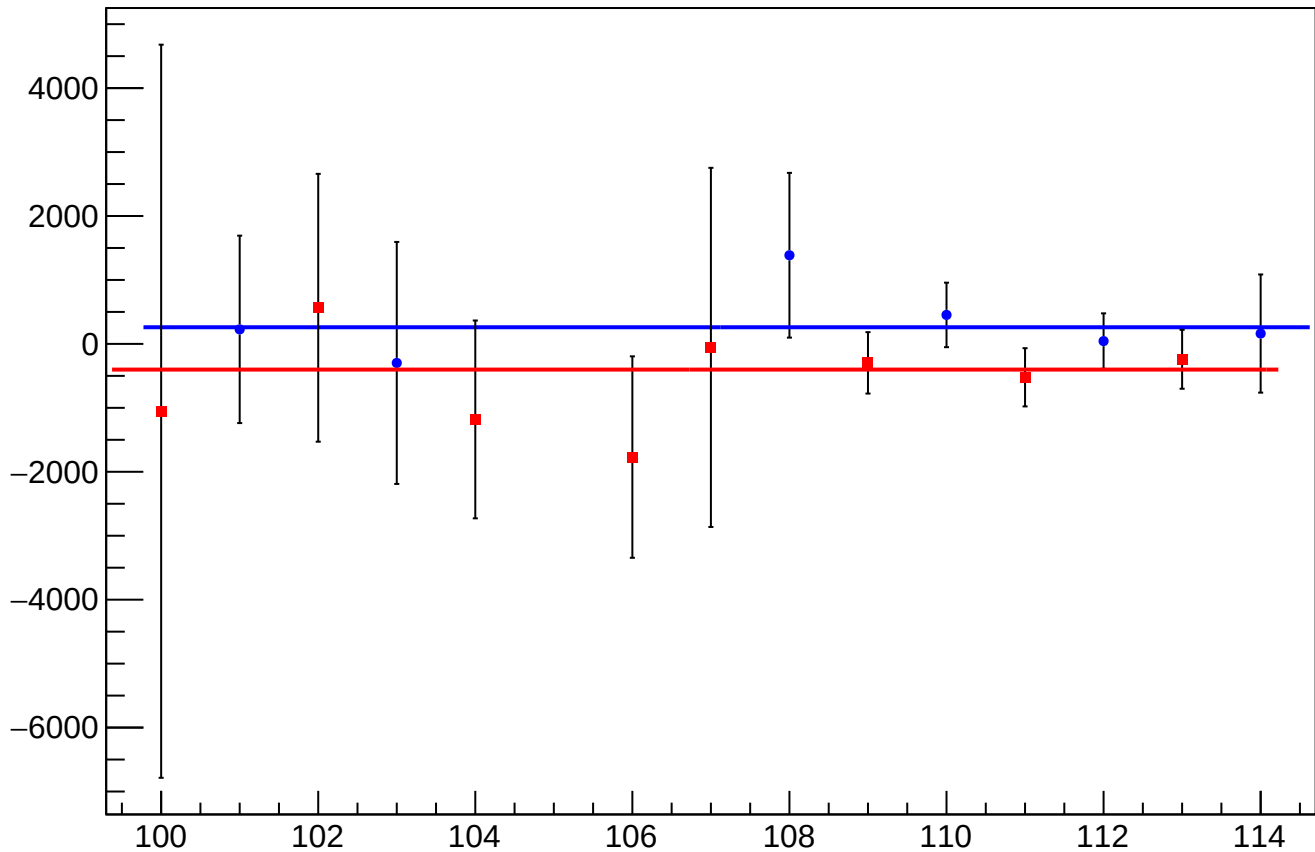
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1210.971 $\pm$ 0.372 χ^2 /NDF: 682217.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug



Right In: 260.172 $\pm$ 291.541 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -401.717 $\pm$ 257.546 χ^2 /NDF: 1.5/7

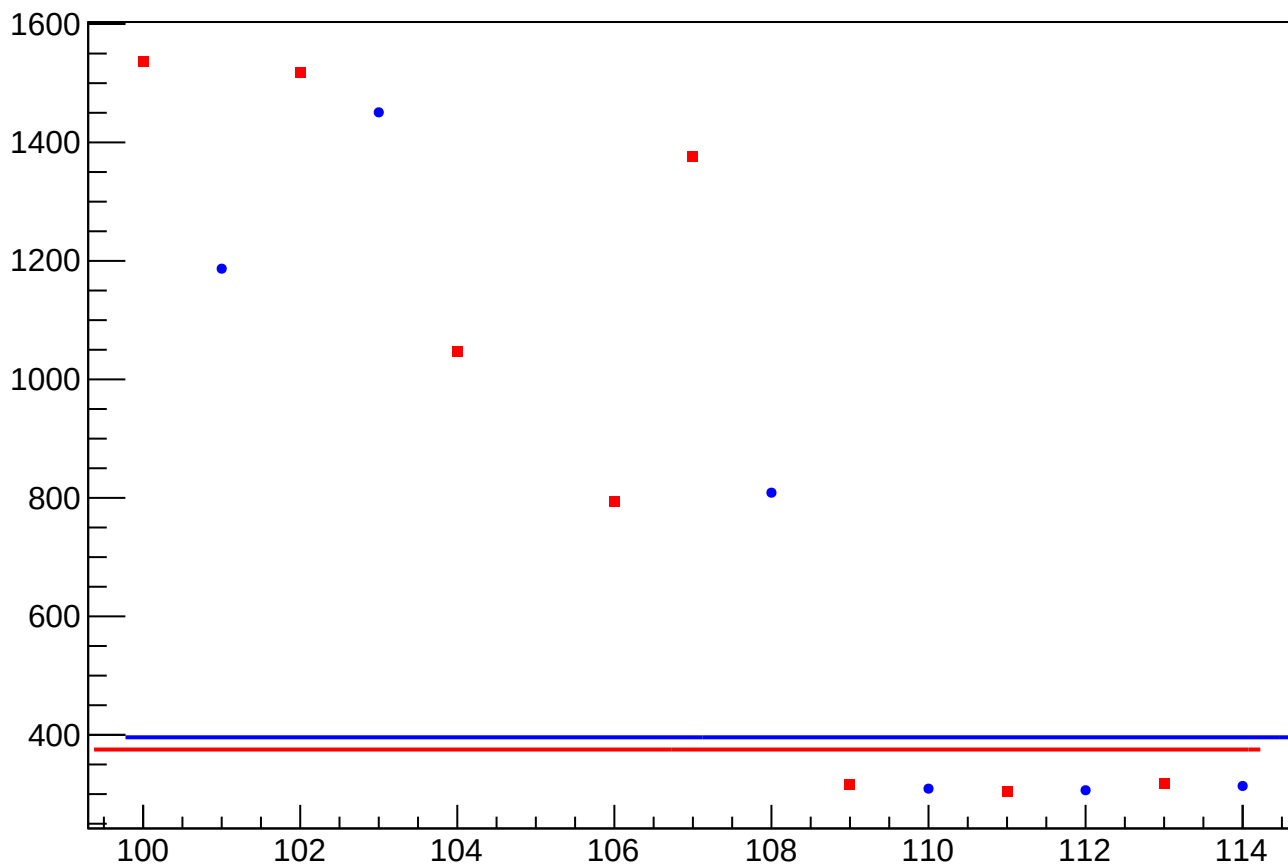
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.595 $\pm$ 193.018 χ^2 /NDF: 5.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug



Right In: 395.870 $\pm$ 0.206 χ^2 /NDF: 1569406.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 375.236 $\pm$ 0.182 χ^2 /NDF: 1560878.2/7

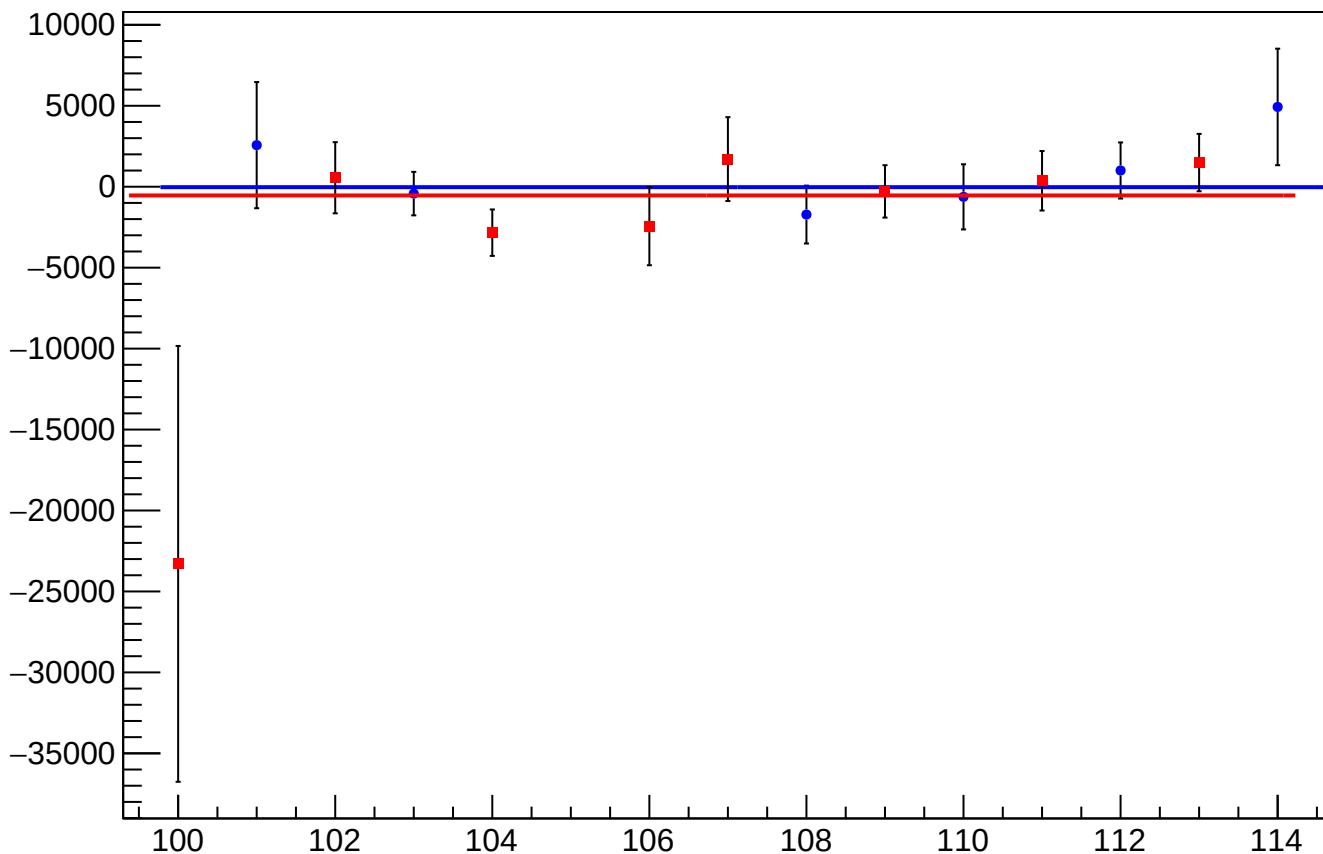
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 384.281 $\pm$ 0.136 χ^2 /NDF: 3135911.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -27.185 $\pm$ 793.029 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -539.099 $\pm$ 704.183 χ^2 /NDF: 8.6/7

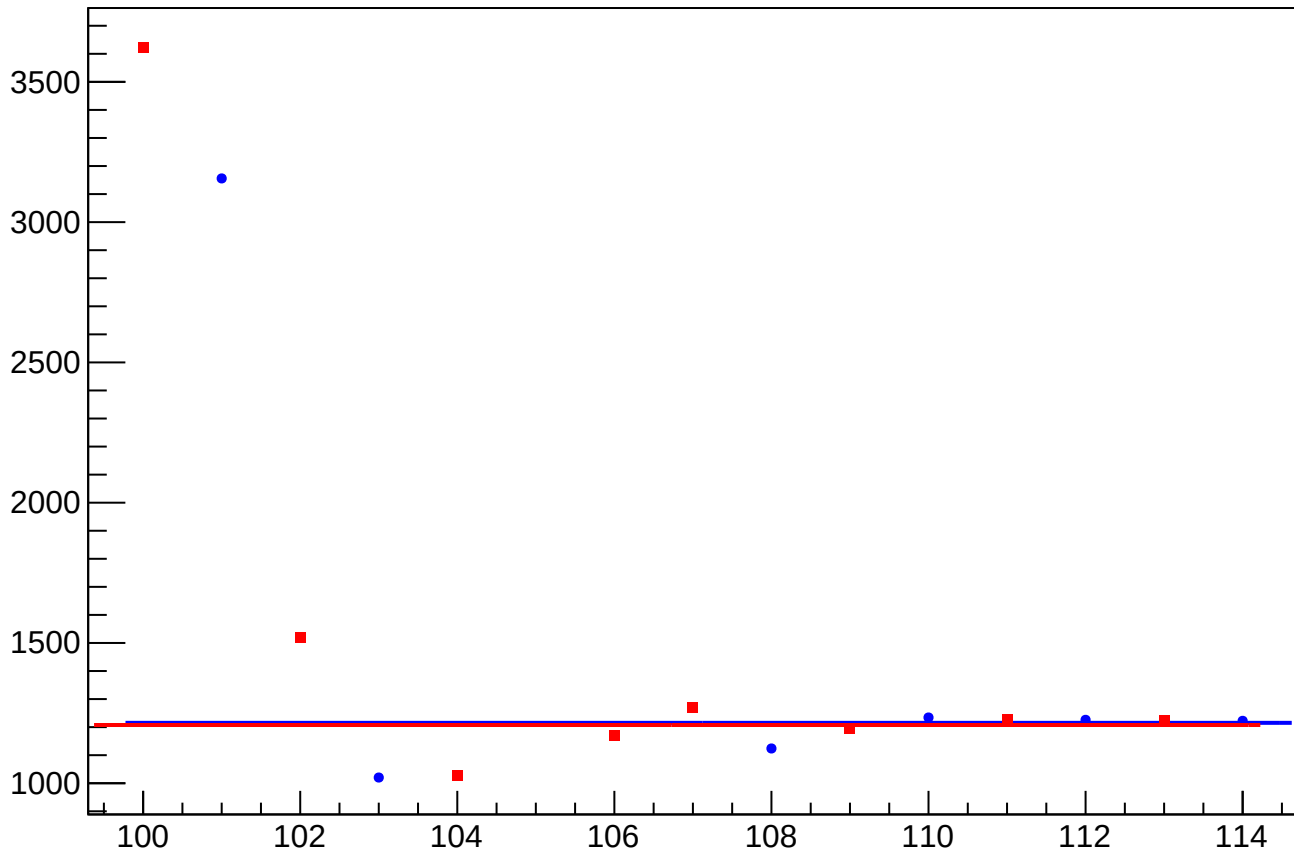
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -313.413 $\pm$ 526.554 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1215.292 $\pm$ 0.561 χ^2 /NDF: 543508.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1207.563 $\pm$ 0.498 χ^2 /NDF: 138602.4/7

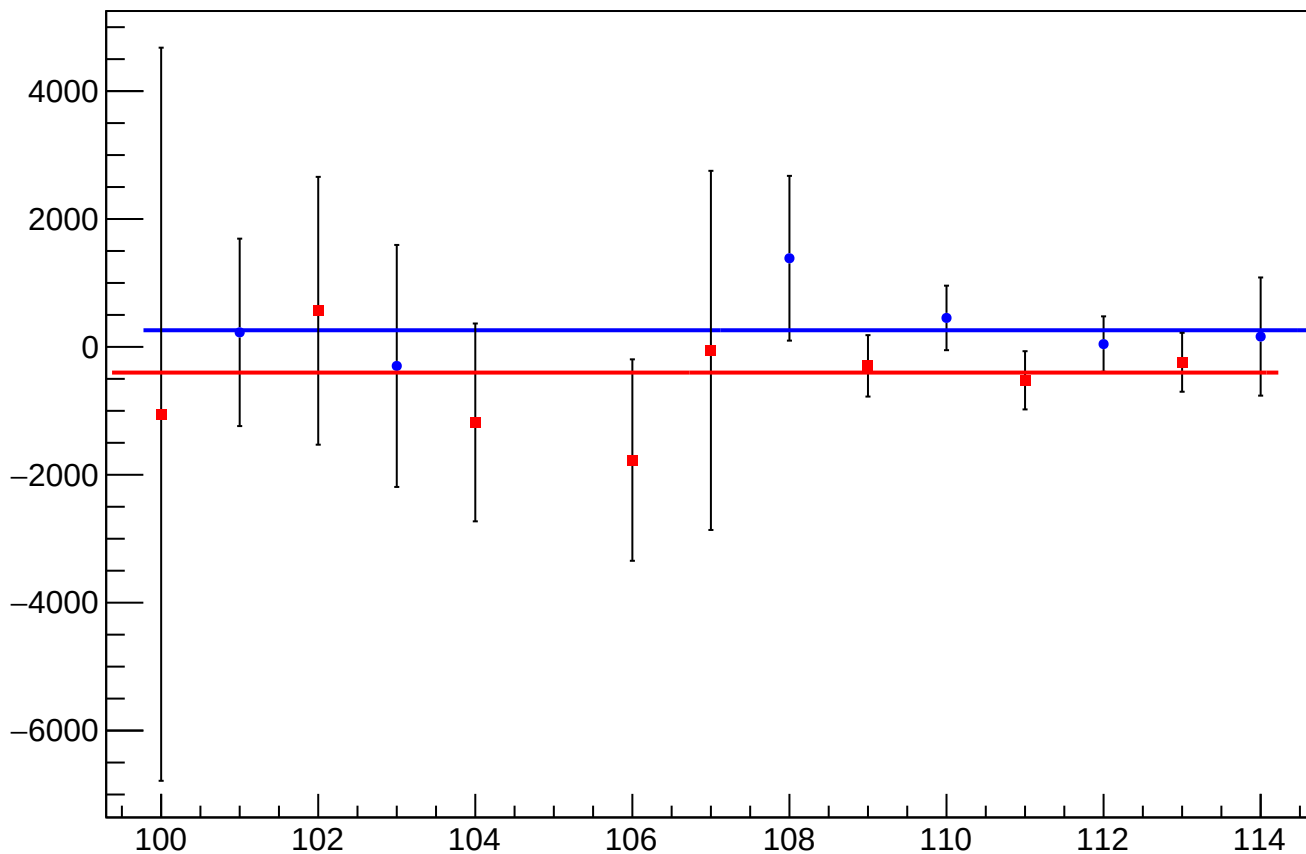
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1210.971 $\pm$ 0.372 χ^2 /NDF: 682217.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 260.172 $\pm$ 291.541 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -401.717 $\pm$ -257.546 χ^2 /NDF: 1.5/7

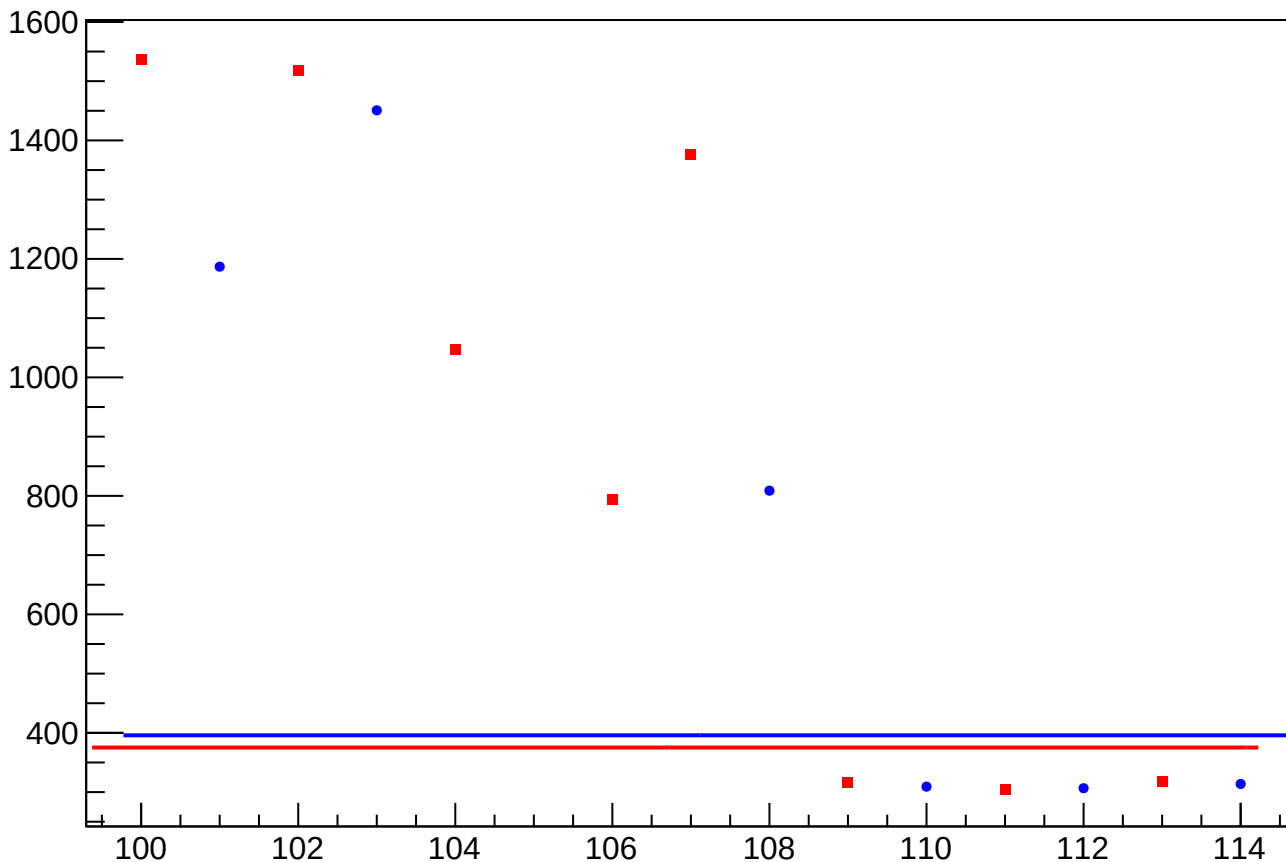
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -111.595 $\pm$ -193.018 χ^2 /NDF: 5.6/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 395.870+/-0.206 χ^2/NDF : 1569406.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 375.236+/-0.182 χ^2/NDF : 1560878.2/7

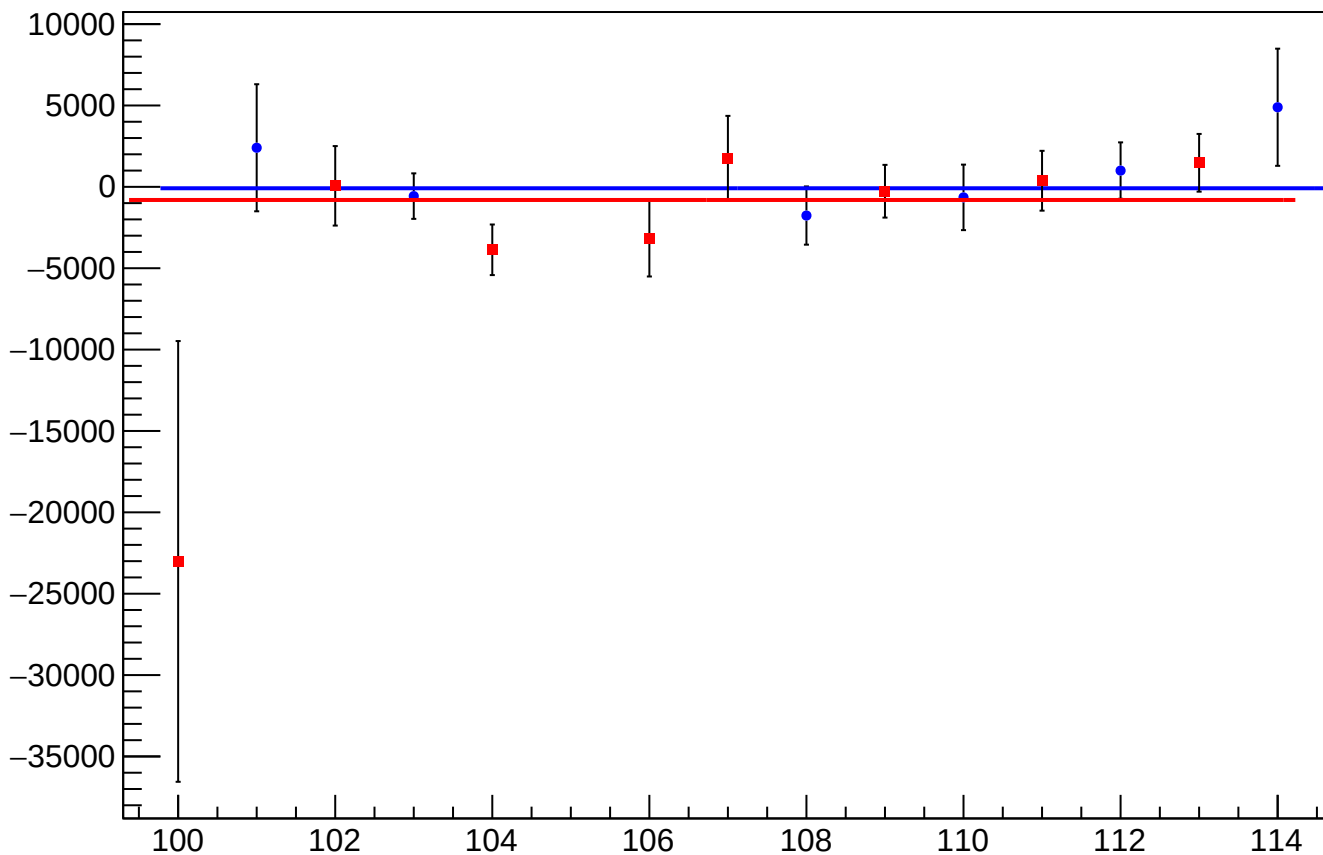
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.281+/-0.136 χ^2/NDF : 3135911.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -86.657 ± 804.099 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -806.484 ± 723.486 χ^2/NDF : 10.9/7

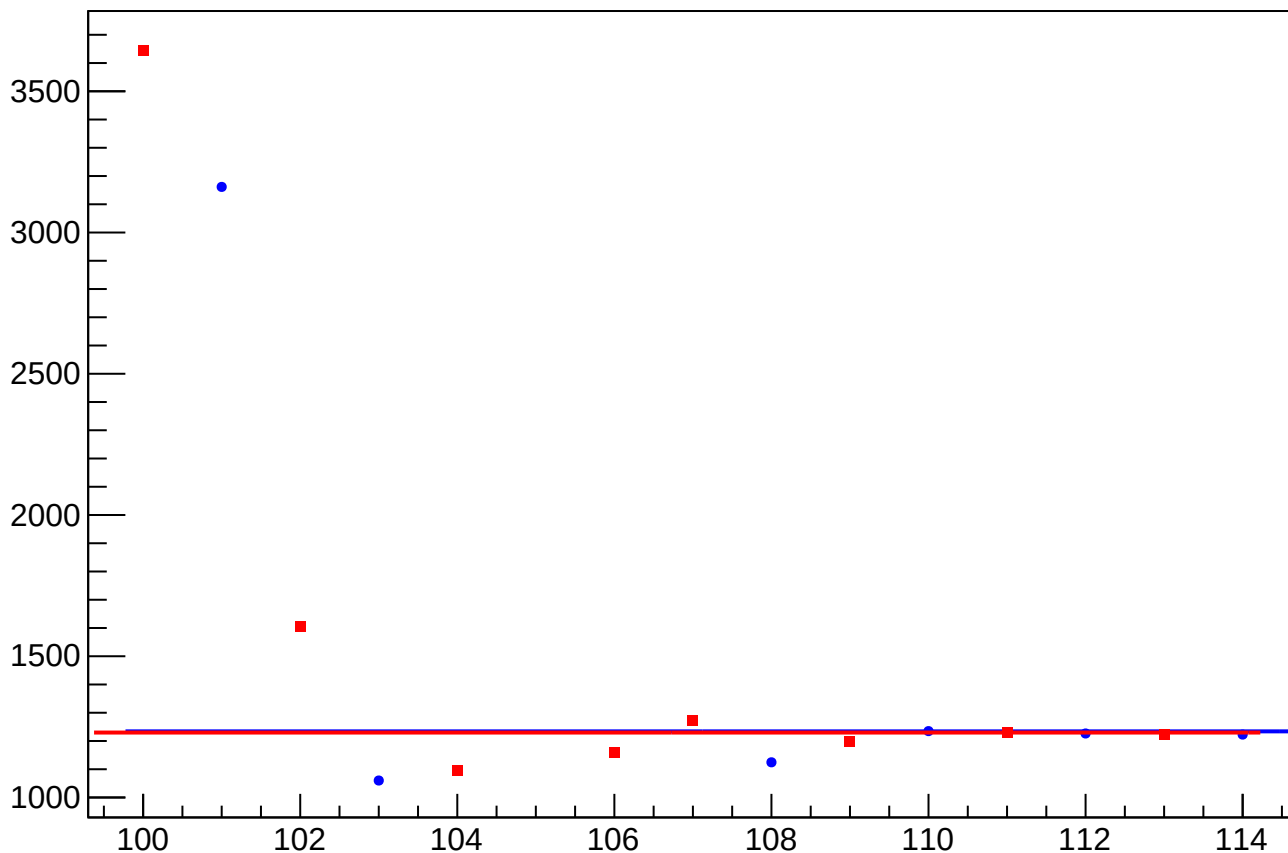
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -484.451 ± 537.830 χ^2/NDF : 15.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1234.093+/-0.569 χ^2/NDF : 526015.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1229.888+/-0.512 χ^2/NDF : 129232.1/7

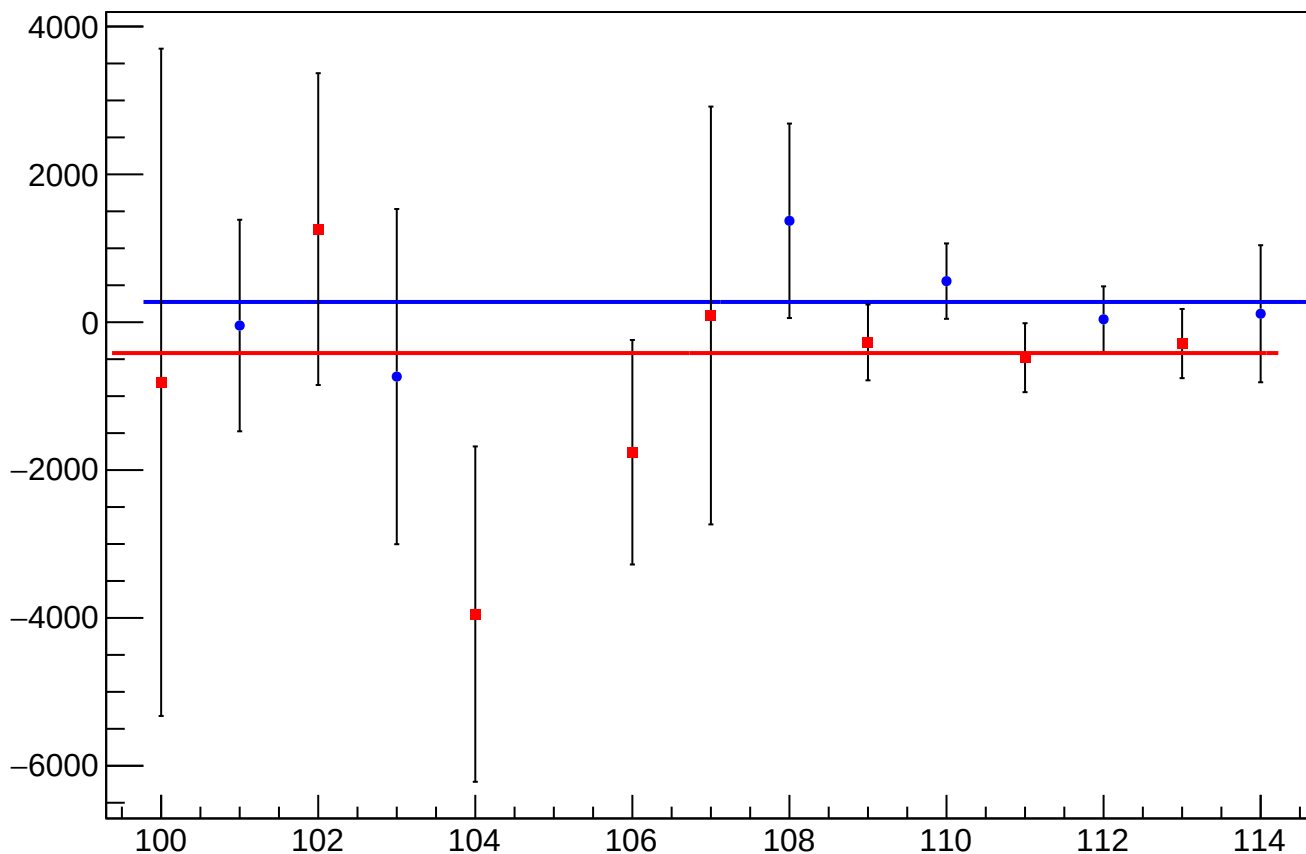
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.769+/-0.380 χ^2/NDF : 655278.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



Right In: 274.080 $\pm$ 297.396 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -417.174 $\pm$ 267.339 χ^2 /NDF: 4.0/7

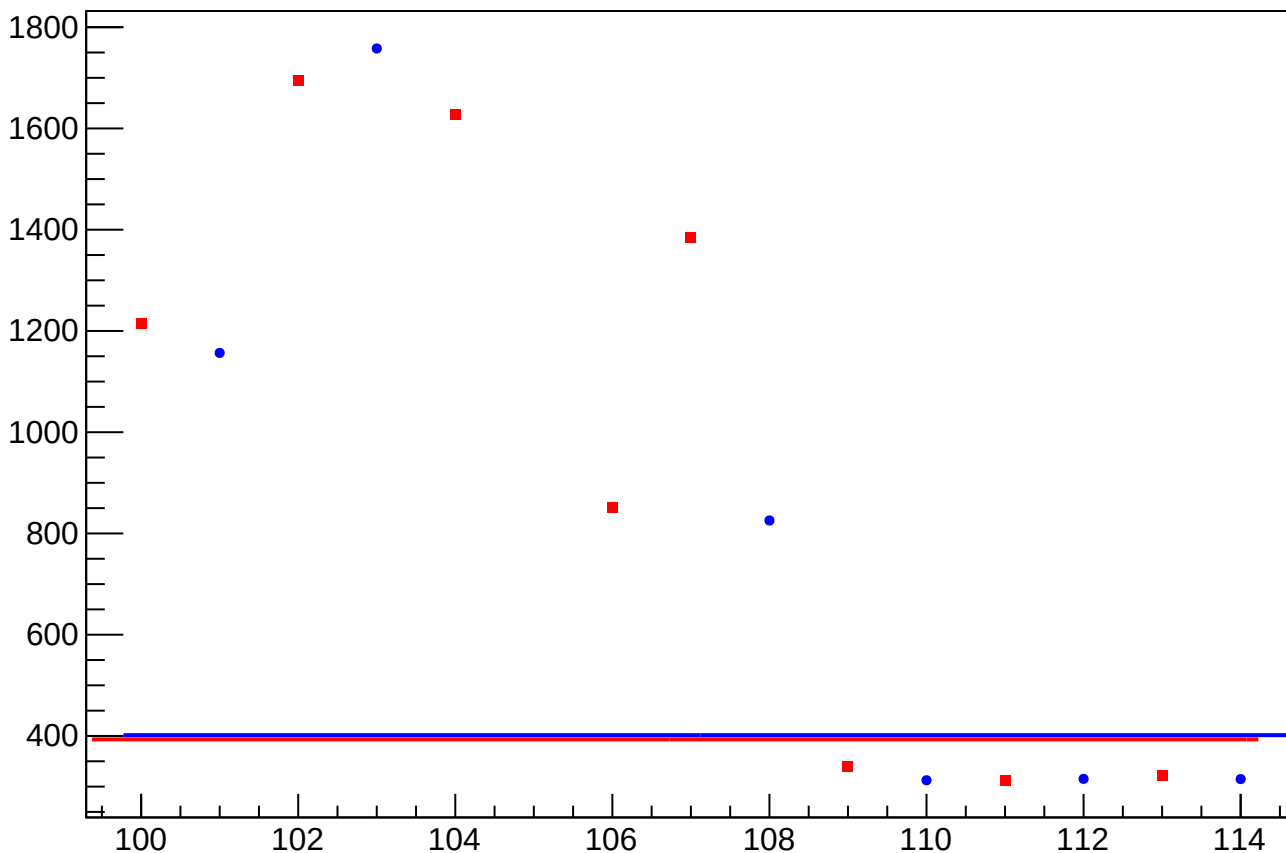
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -108.234 $\pm$ 198.817 χ^2 /NDF: 8.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 401.563+/-0.210 χ^2/NDF : 1634462.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.200+/-0.189 χ^2/NDF : 1977851.8/7

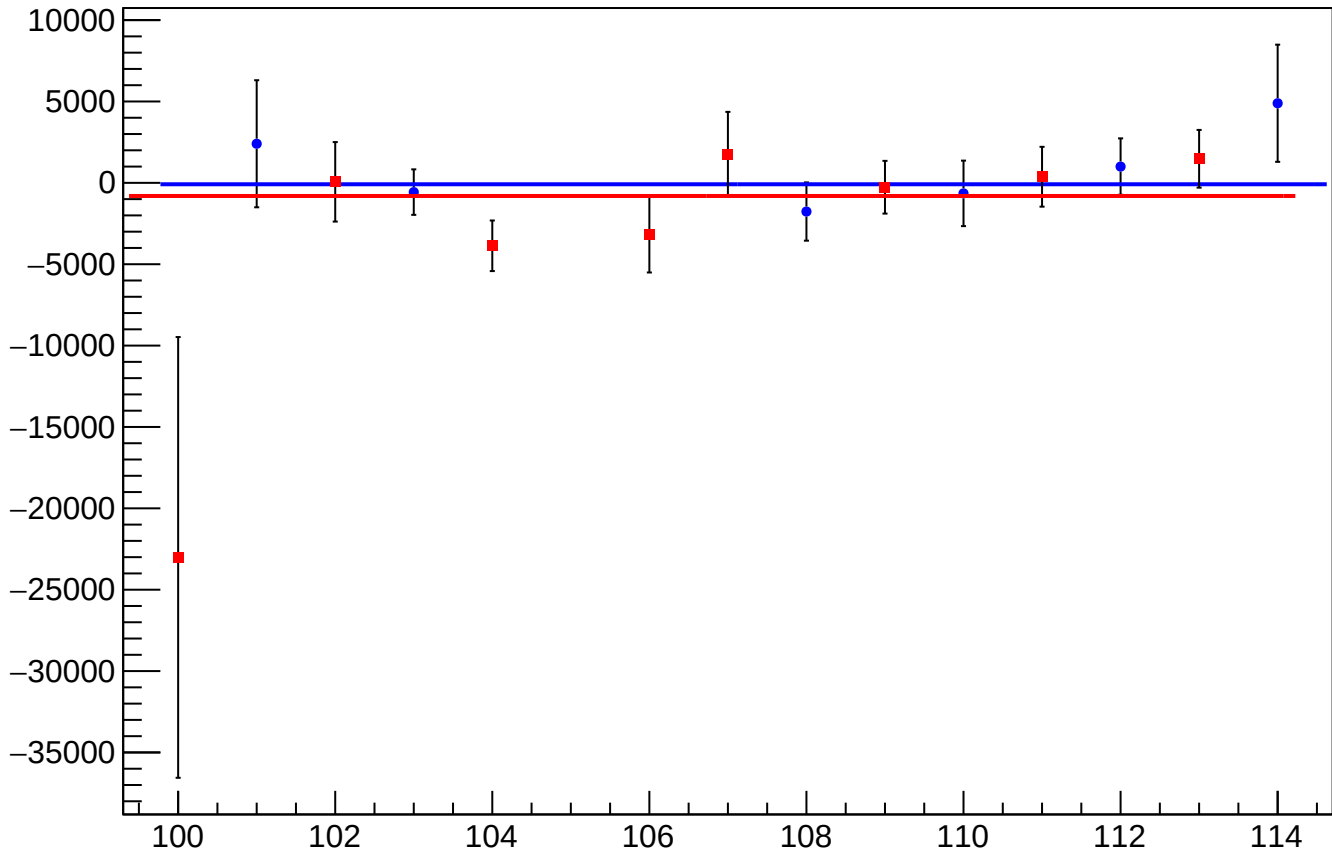
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.938+/-0.141 χ^2/NDF : 3613189.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -86.660 ± 804.099 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -806.482 ± 723.486 χ^2/NDF : 10.9/7

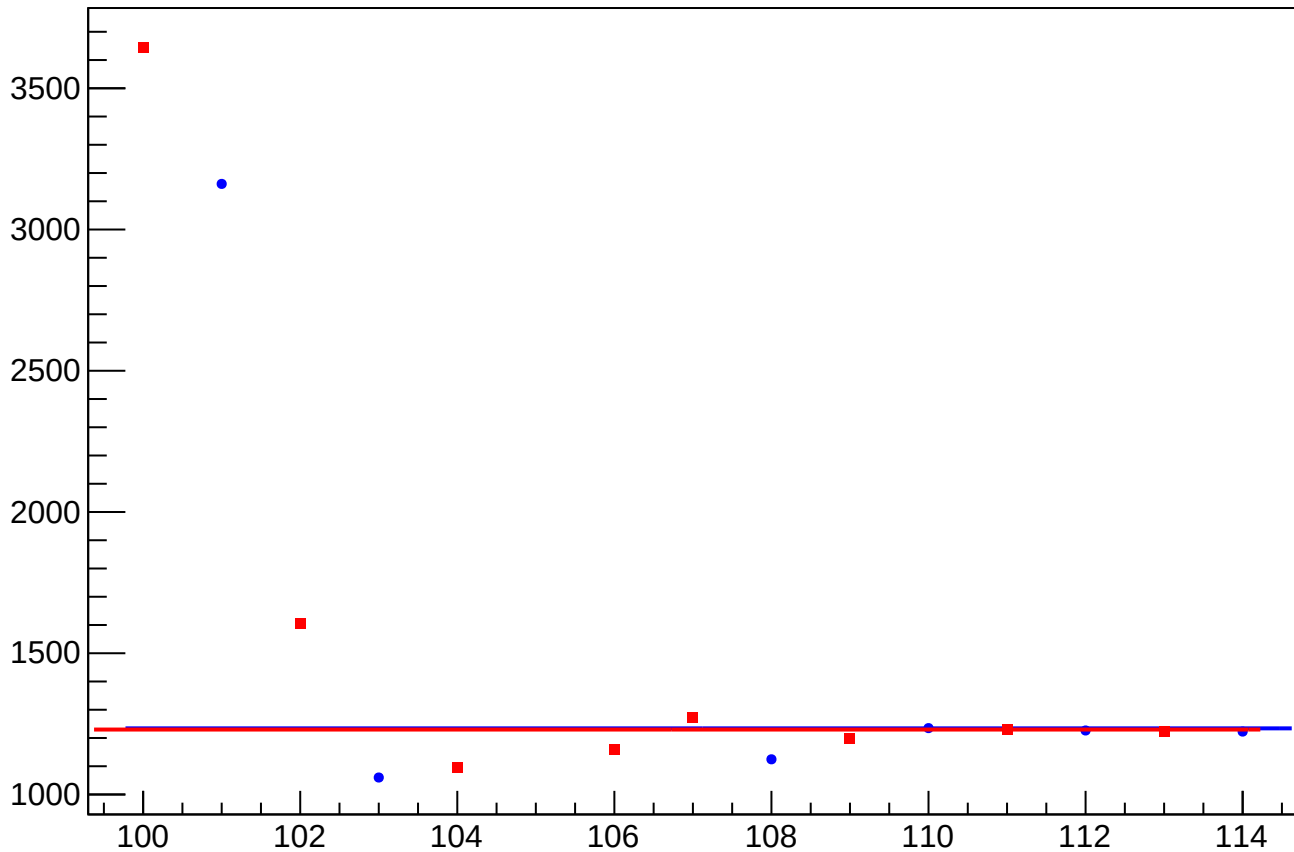
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -484.452 ± 537.830 χ^2/NDF : 15.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1234.093+/-0.569 χ^2/NDF : 526015.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

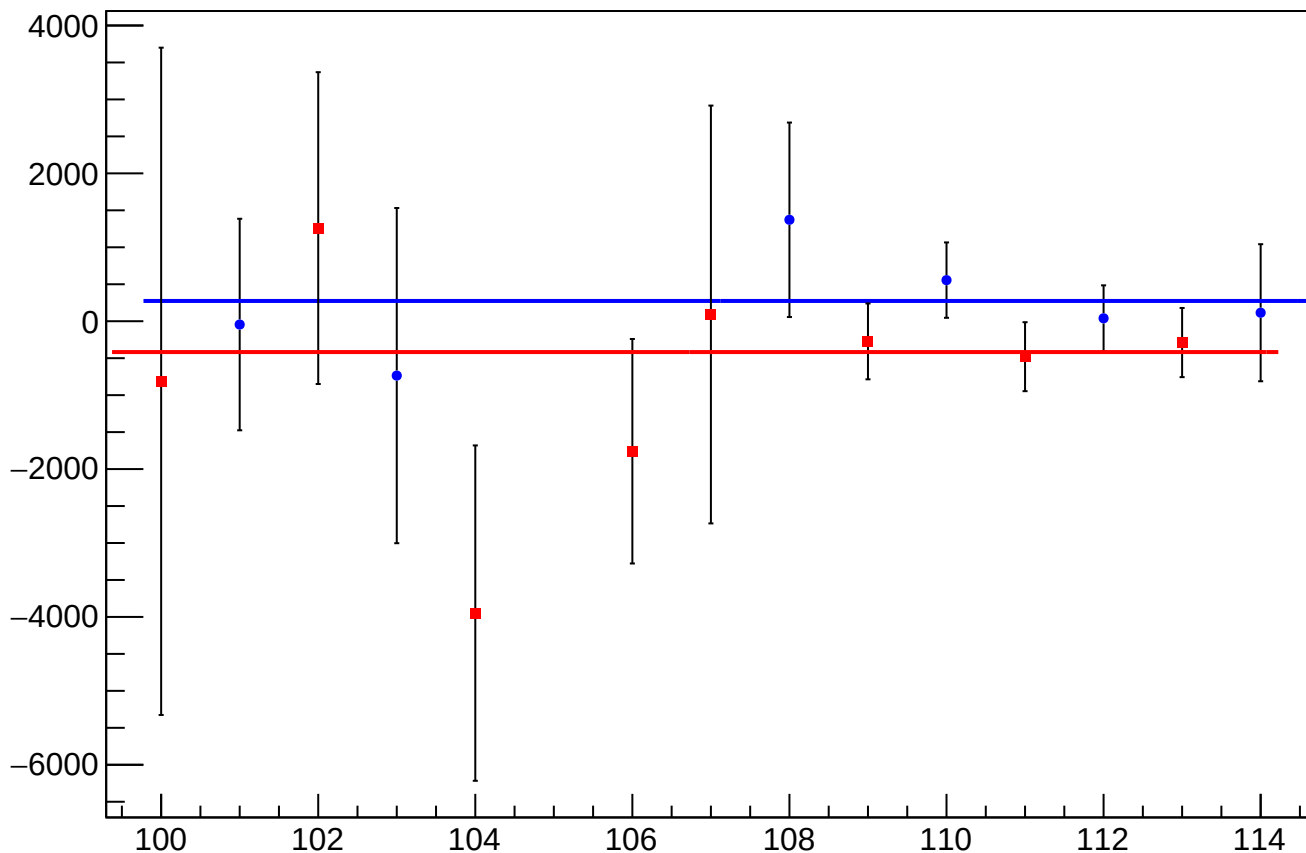
Right Out: 1229.888+/-0.512 χ^2/NDF : 129232.1/7

All: 1231.769+/-0.380 χ^2/NDF : 655278.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 274.073+/-297.395 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.169+/-267.337 χ^2/NDF : 4.0/7

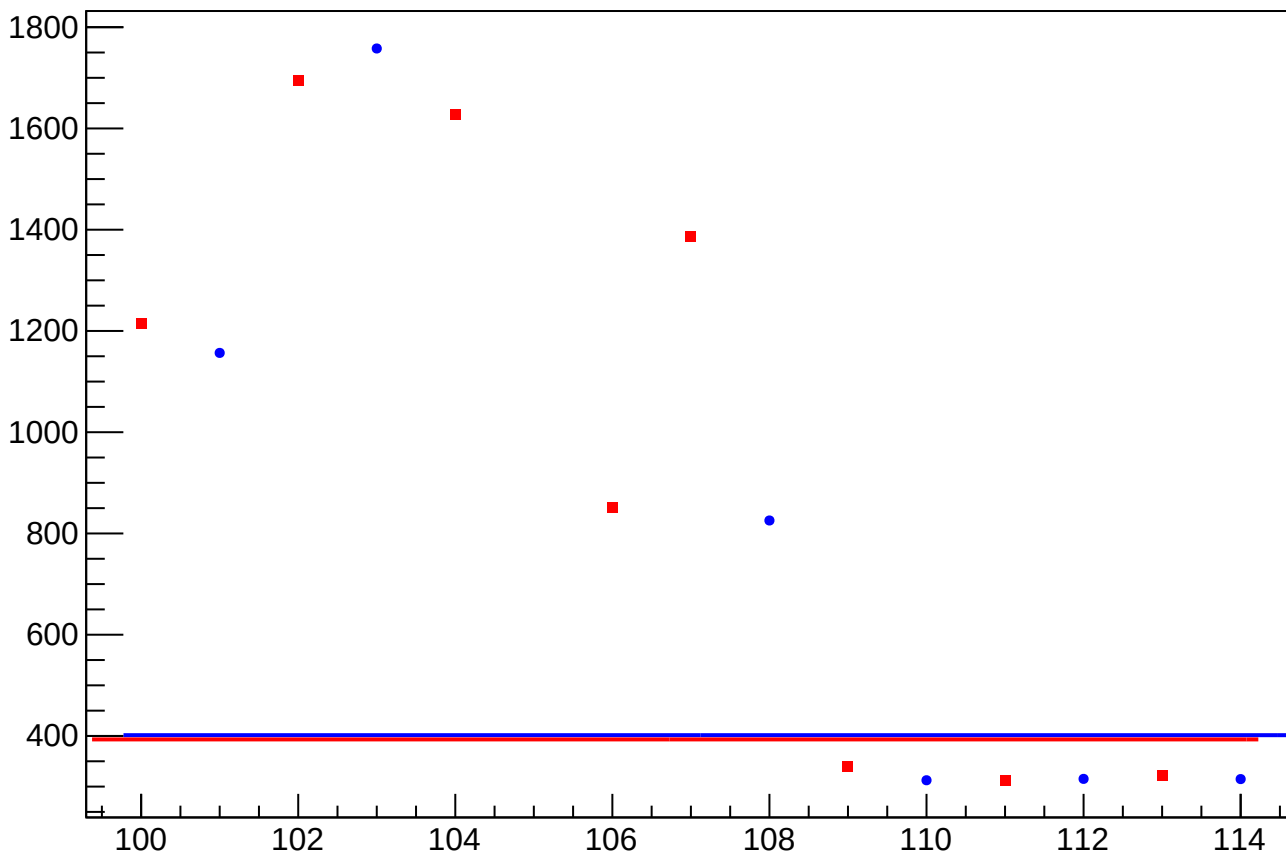
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.235+/-198.816 χ^2/NDF : 8.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 401.561+/-0.210 χ^2/NDF : 1634470.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.196+/-0.189 χ^2/NDF : 1977868.4/7

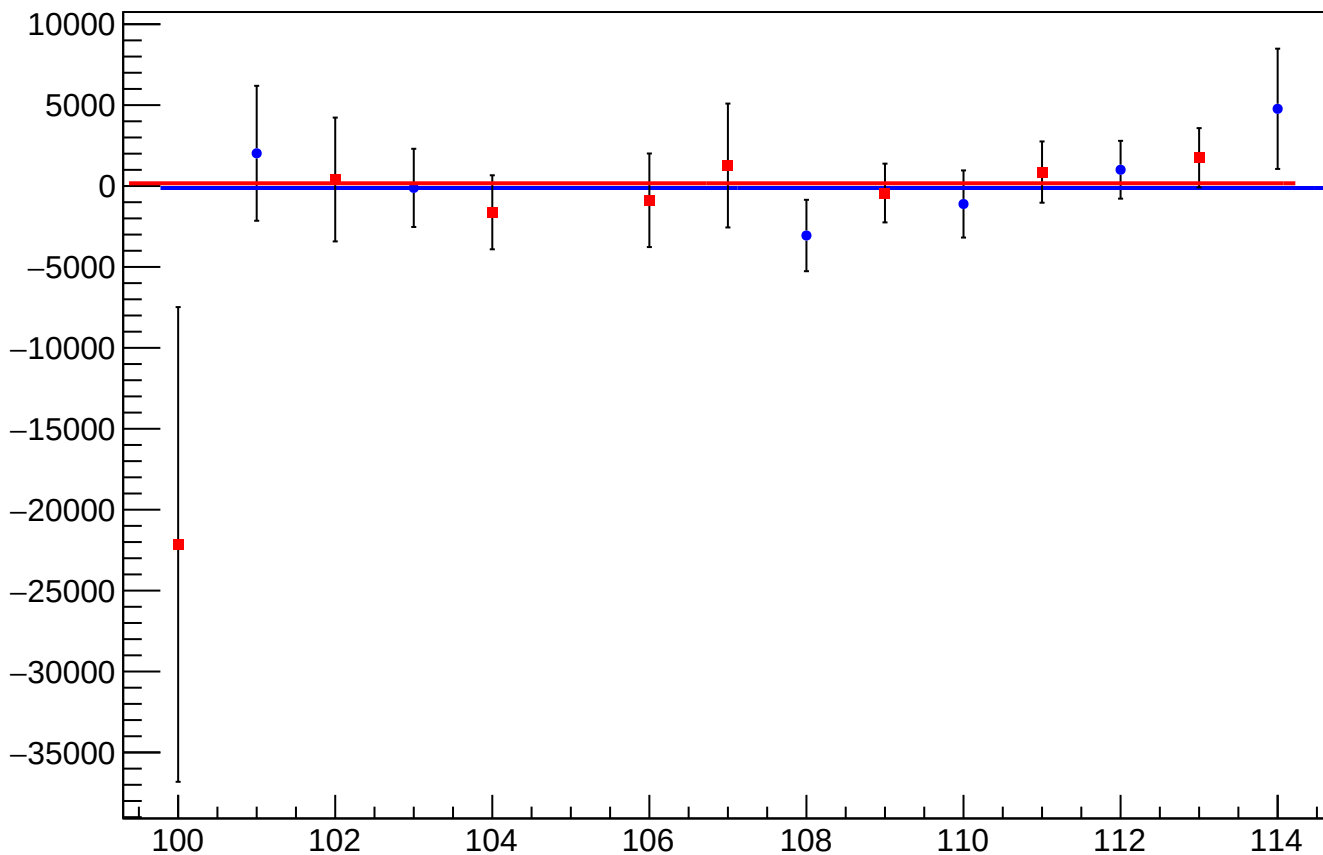
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.934+/-0.141 χ^2/NDF : 3613214.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -121.943+/-974.762 χ^2 /NDF: 4.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 169.044+/-866.300 χ^2 /NDF: 4.1/7

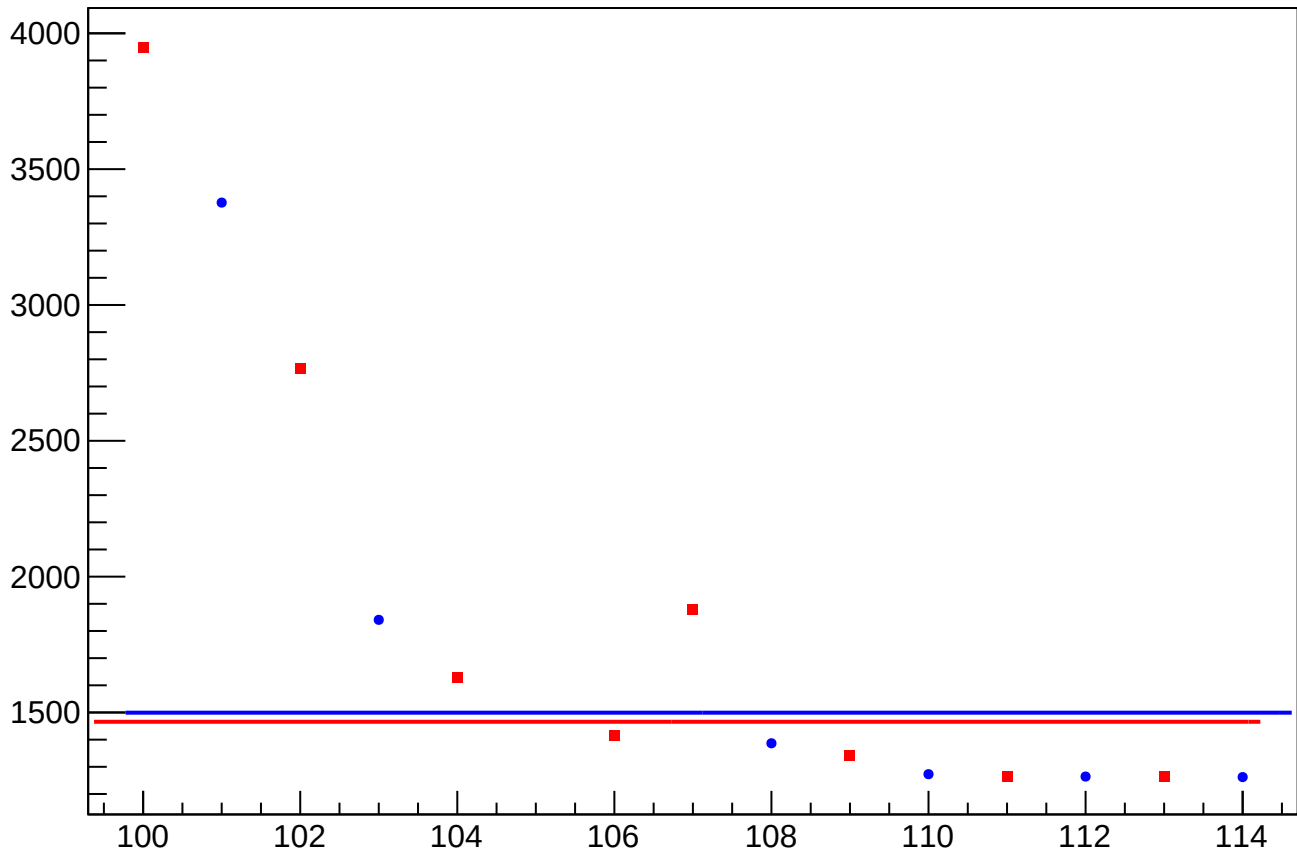
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 40.635+/-647.532 χ^2 /NDF: 8.6/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1499.280+/-0.689 χ^2/NDF : 517531.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.810+/-0.613 χ^2/NDF : 377535.8/7

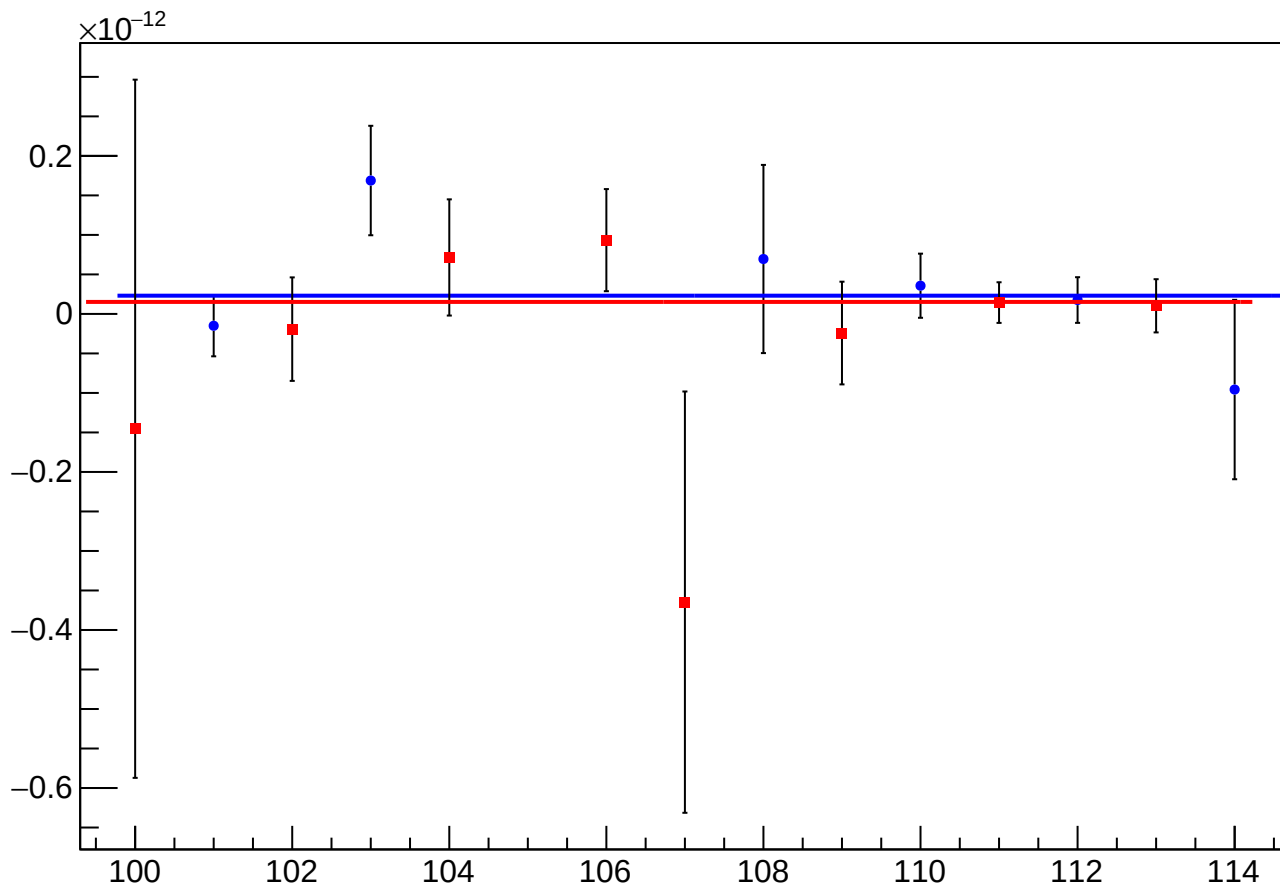
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.580+/-0.458 χ^2/NDF : 896384.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/7

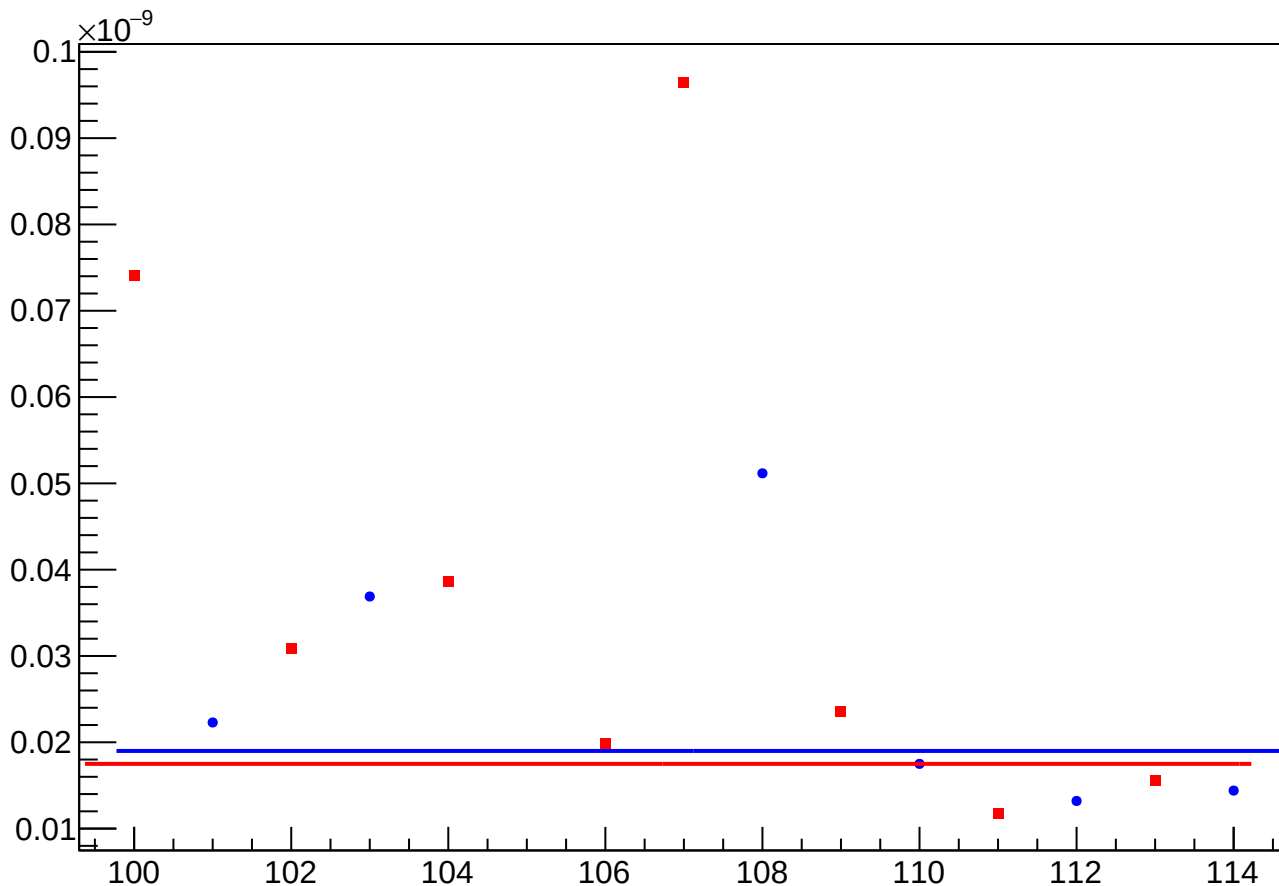
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 380506.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582616.1/7

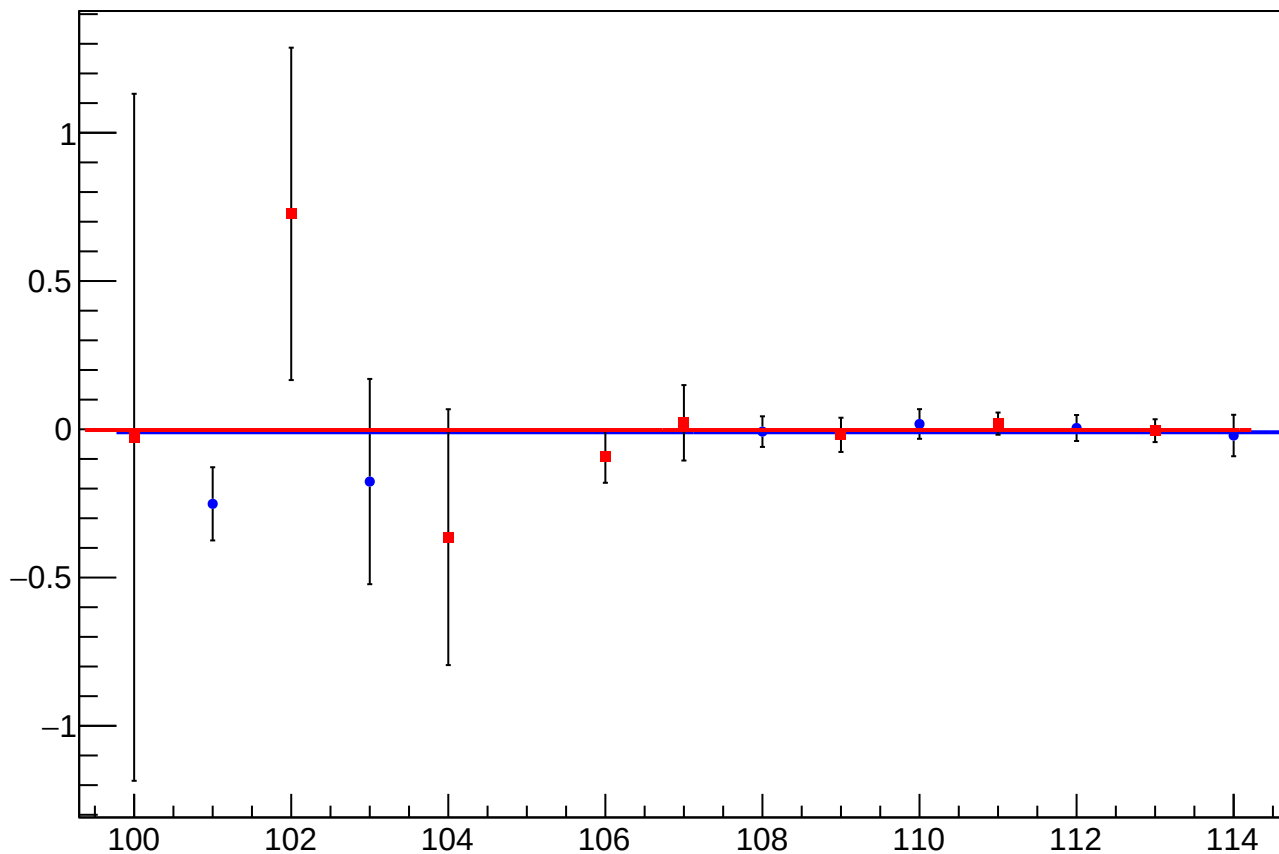
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 969959.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.025 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.023 χ^2 /NDF: 3.8/7

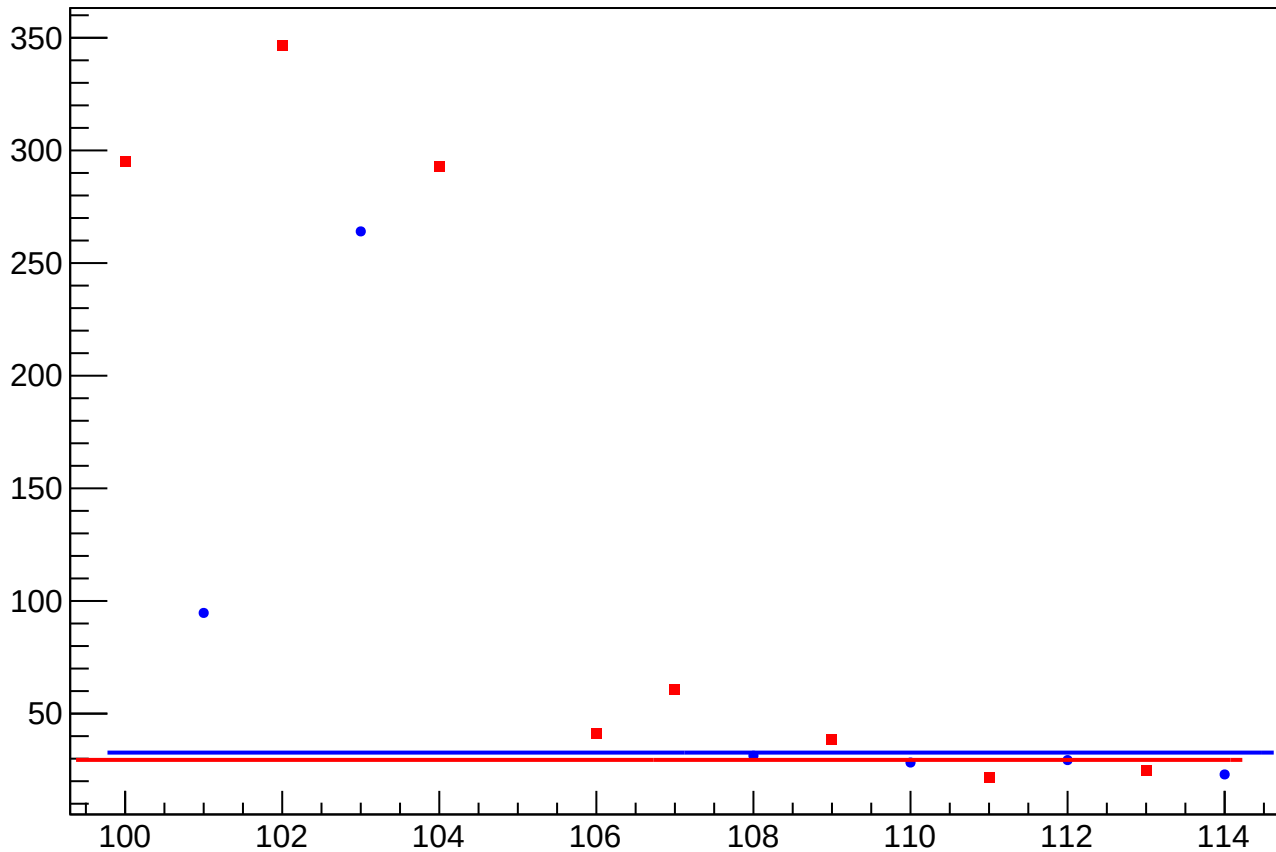
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.006 $\pm$ 0.017 χ^2 /NDF: 8.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 32.697 $\pm$ 0.018 χ^2 /NDF: 1465526.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.456 $\pm$ 0.016 χ^2 /NDF: 1813565.1/7

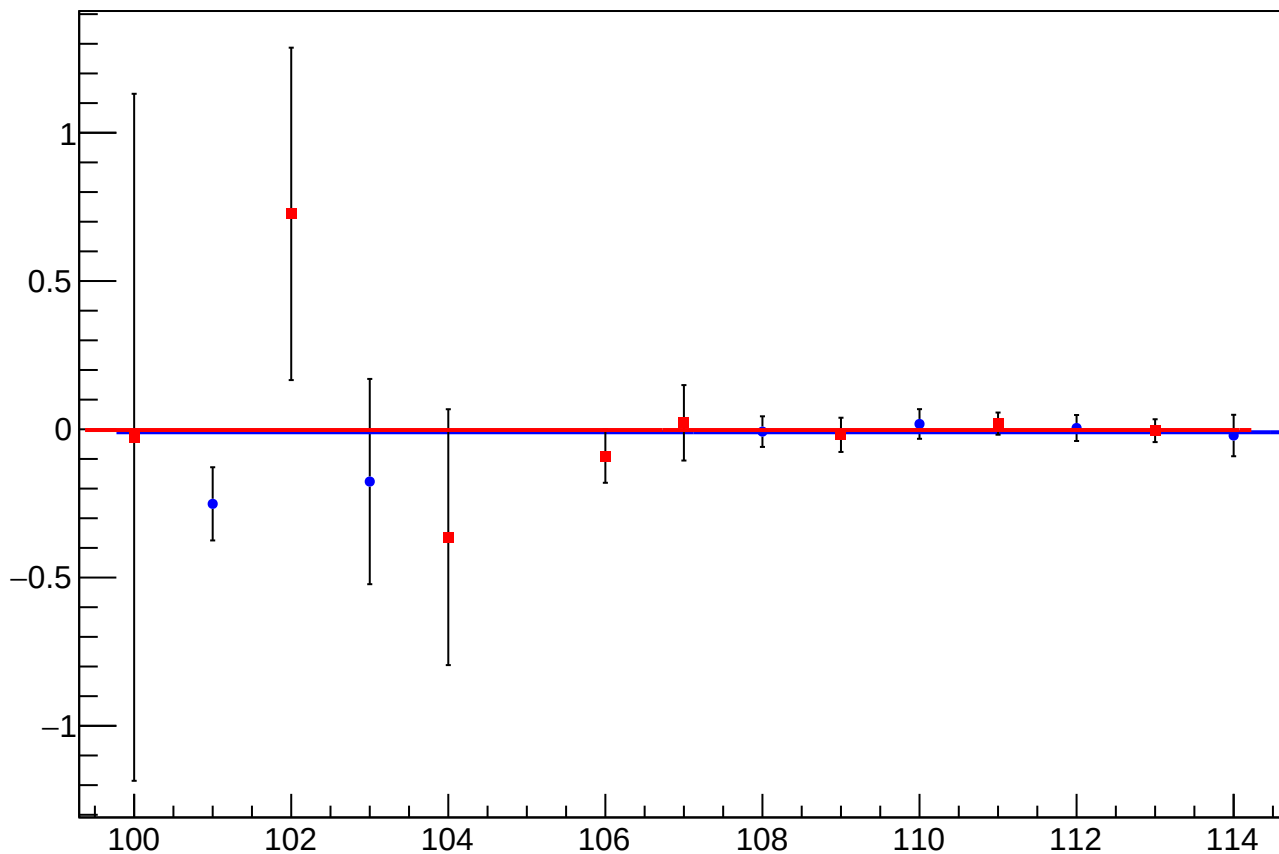
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.931 $\pm$ 0.012 χ^2 /NDF: 3297116.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.025 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.023 χ^2 /NDF: 3.8/7

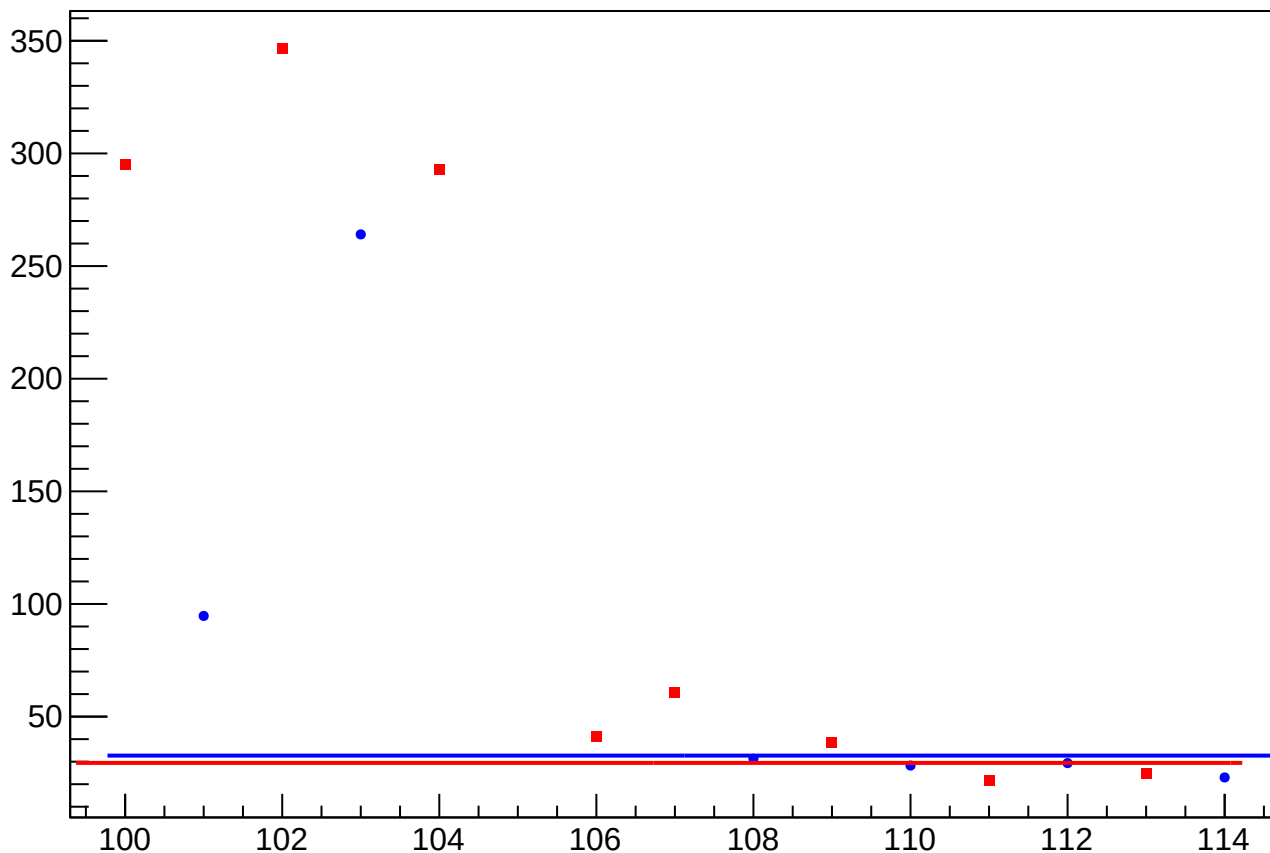
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.006 $\pm$ 0.017 χ^2 /NDF: 8.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 32.697 $\pm$ 0.018 χ^2 /NDF: 1465526.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.456 $\pm$ 0.016 χ^2 /NDF: 1813565.1/7

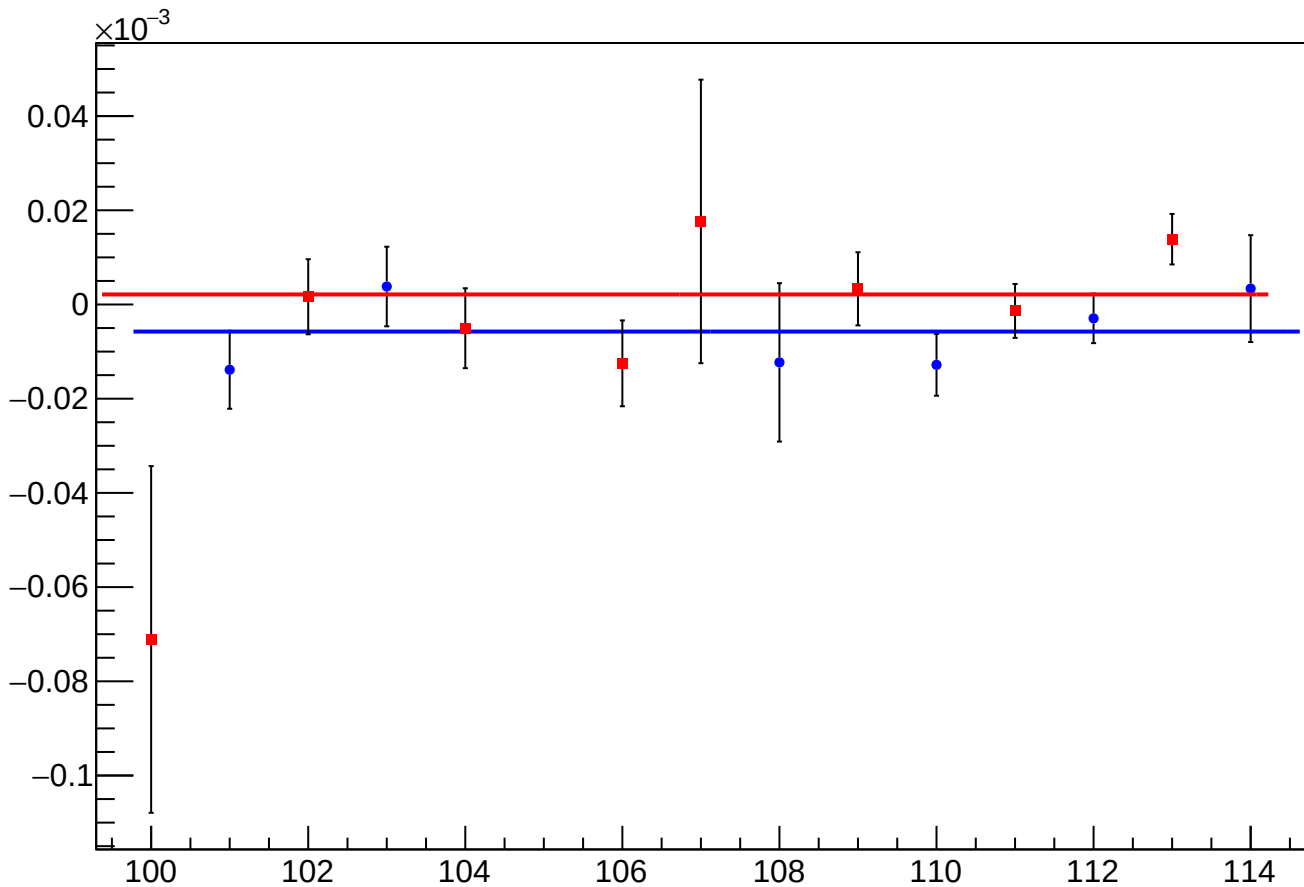
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.931 $\pm$ 0.012 χ^2 /NDF: 3297116.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/7

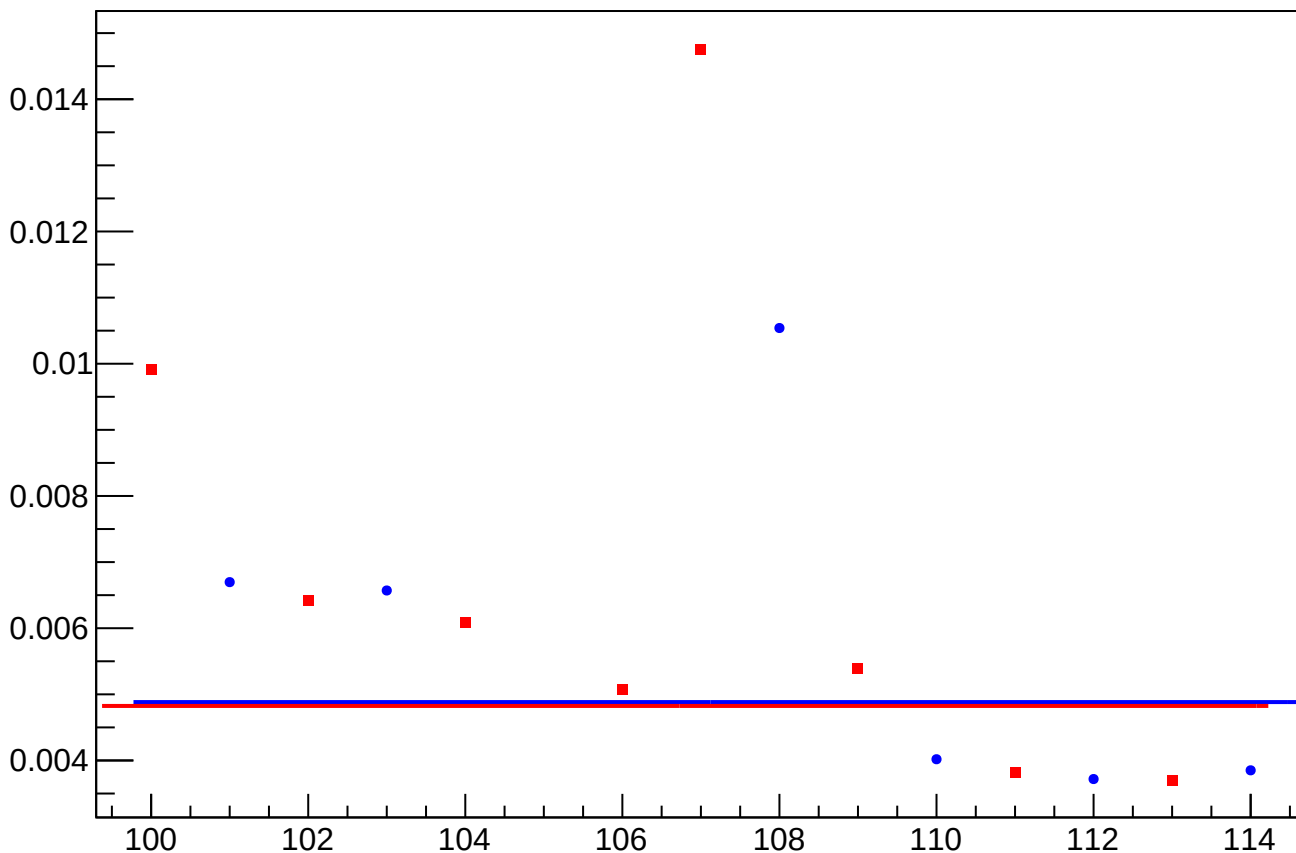
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 551528.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 543353.4/7

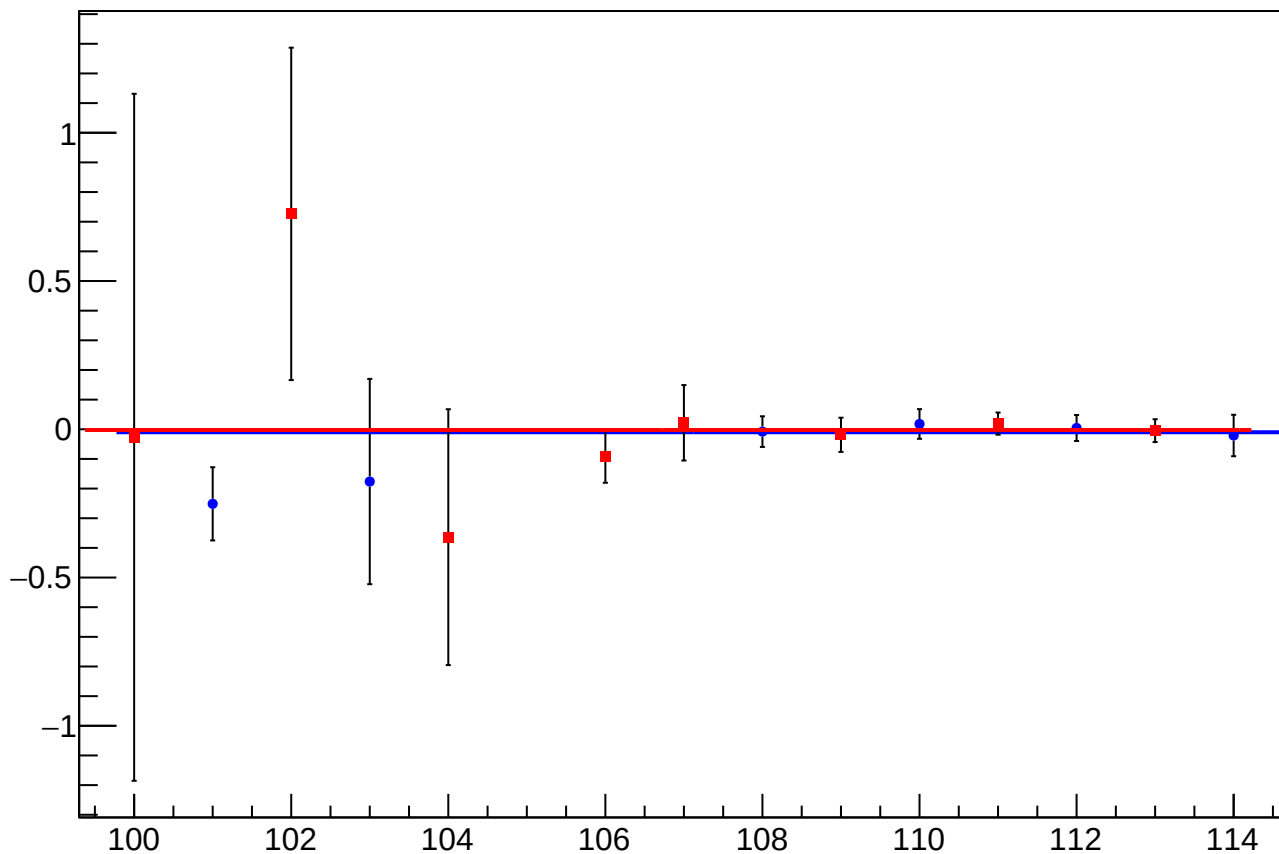
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1095260.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.025 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.023 χ^2 /NDF: 3.8/7

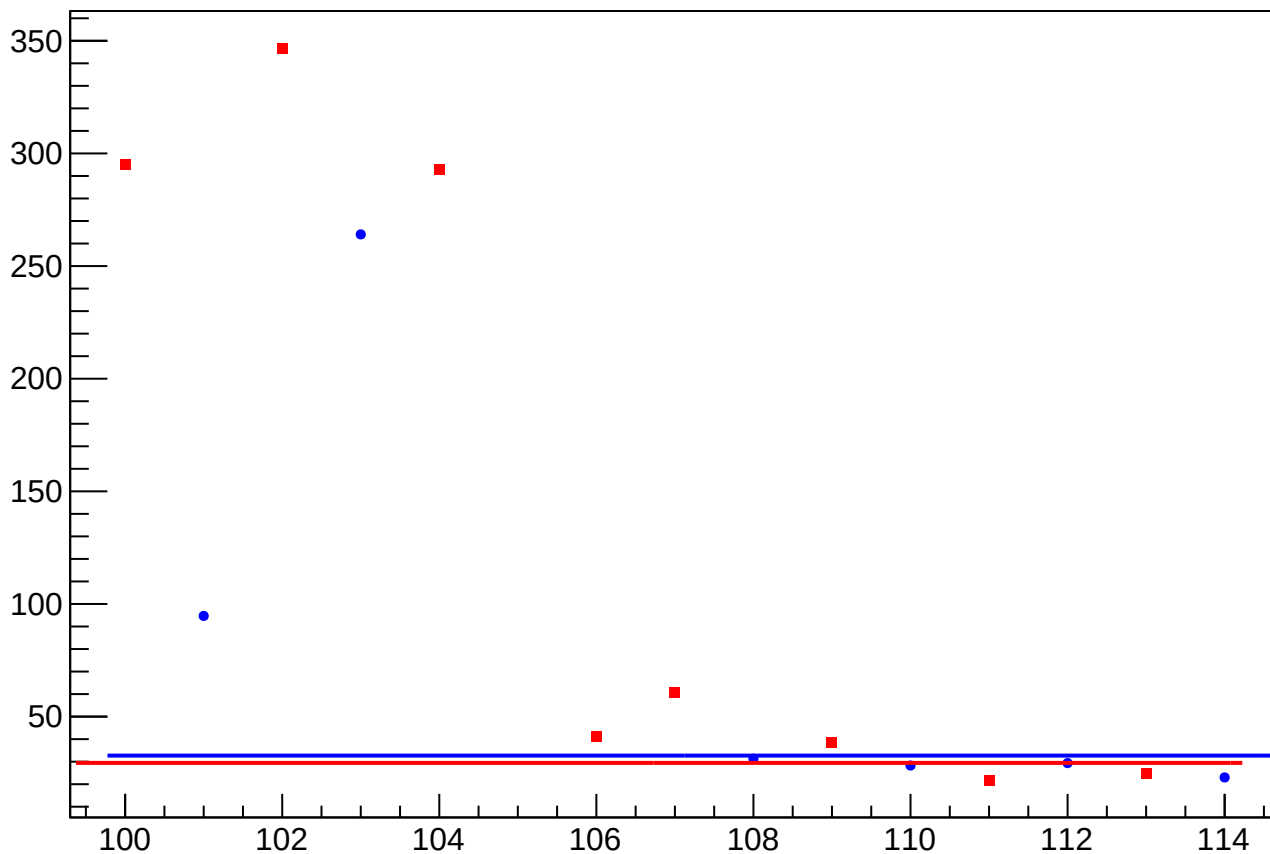
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.006 $\pm$ 0.017 χ^2 /NDF: 8.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 32.697 $\pm$ 0.018 χ^2 /NDF: 1465544.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.453 $\pm$ 0.016 χ^2 /NDF: 1813681.6/7

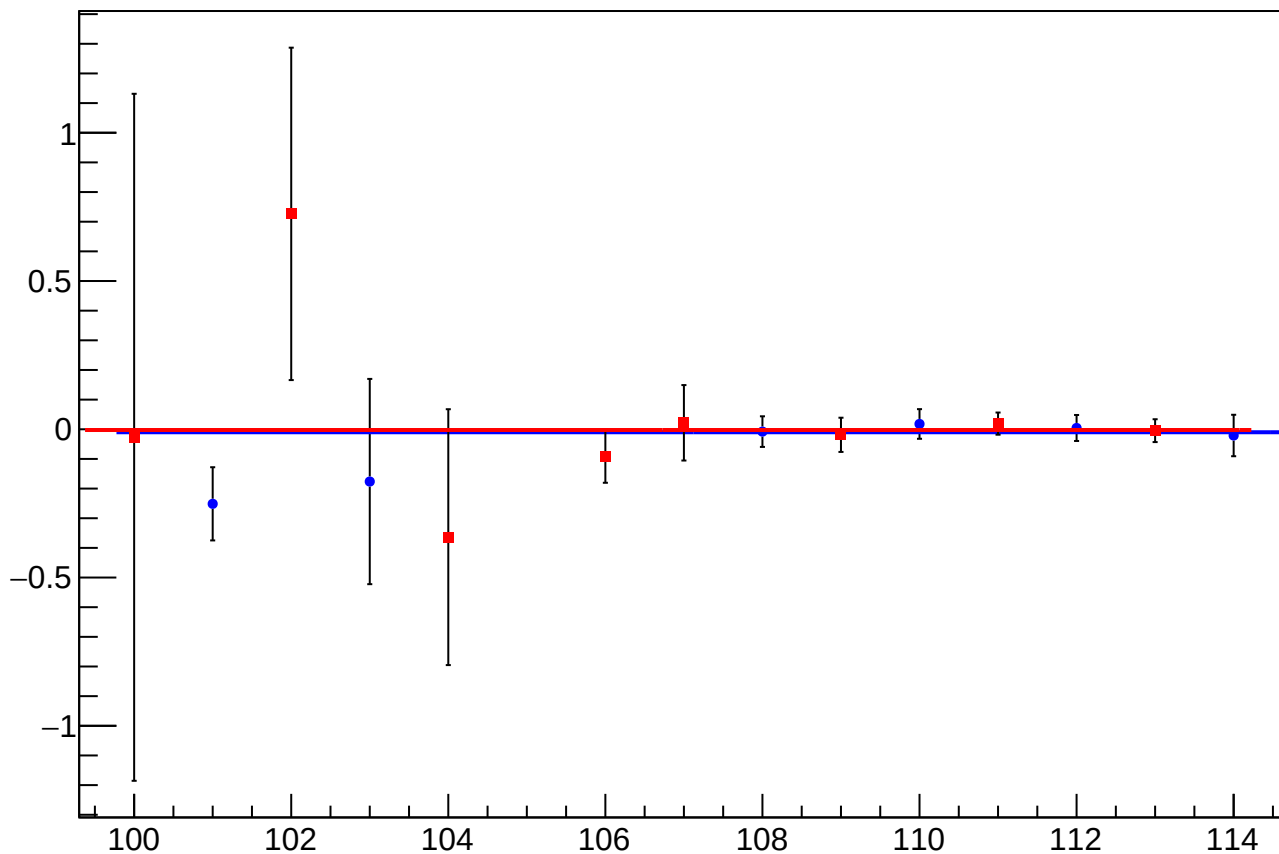
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.929 $\pm$ 0.012 χ^2 /NDF: 3297280.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010 ± 0.025 χ^2/NDF : 4.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.023 χ^2/NDF : 3.8/7

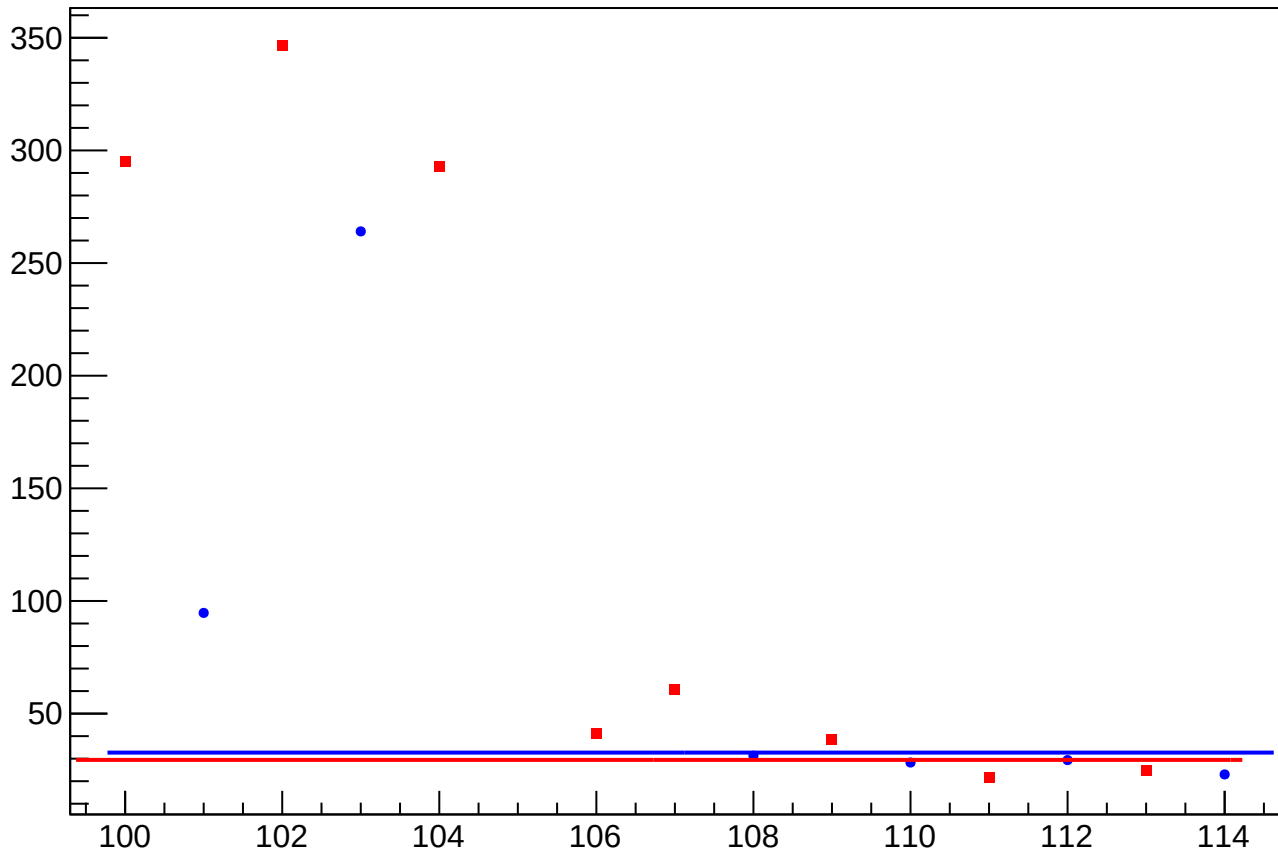
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.017 χ^2/NDF : 8.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 32.697 $\pm$ 0.018 χ^2 /NDF: 1465544.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.453 $\pm$ 0.016 χ^2 /NDF: 1813681.6/7

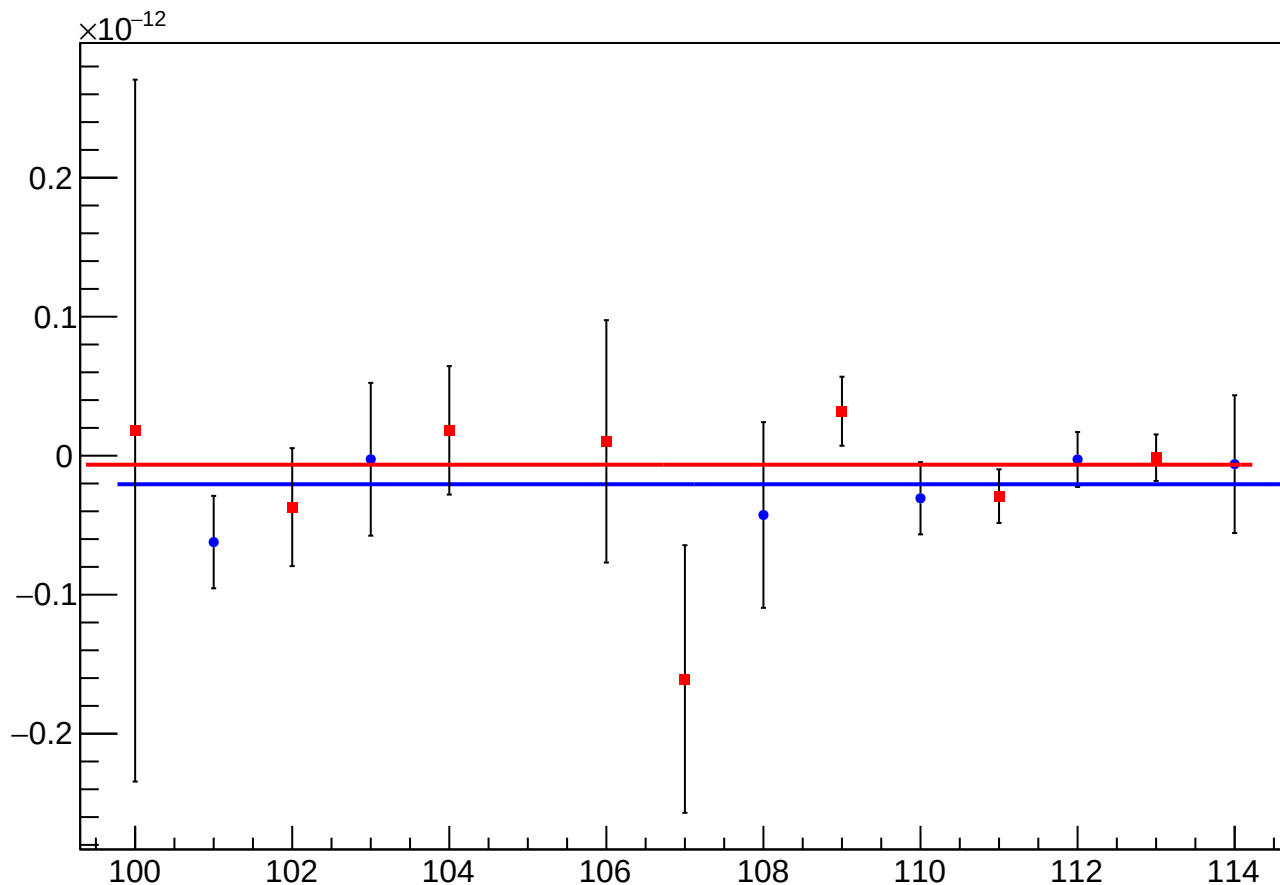
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.929 $\pm$ 0.012 χ^2 /NDF: 3297280.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.3/7

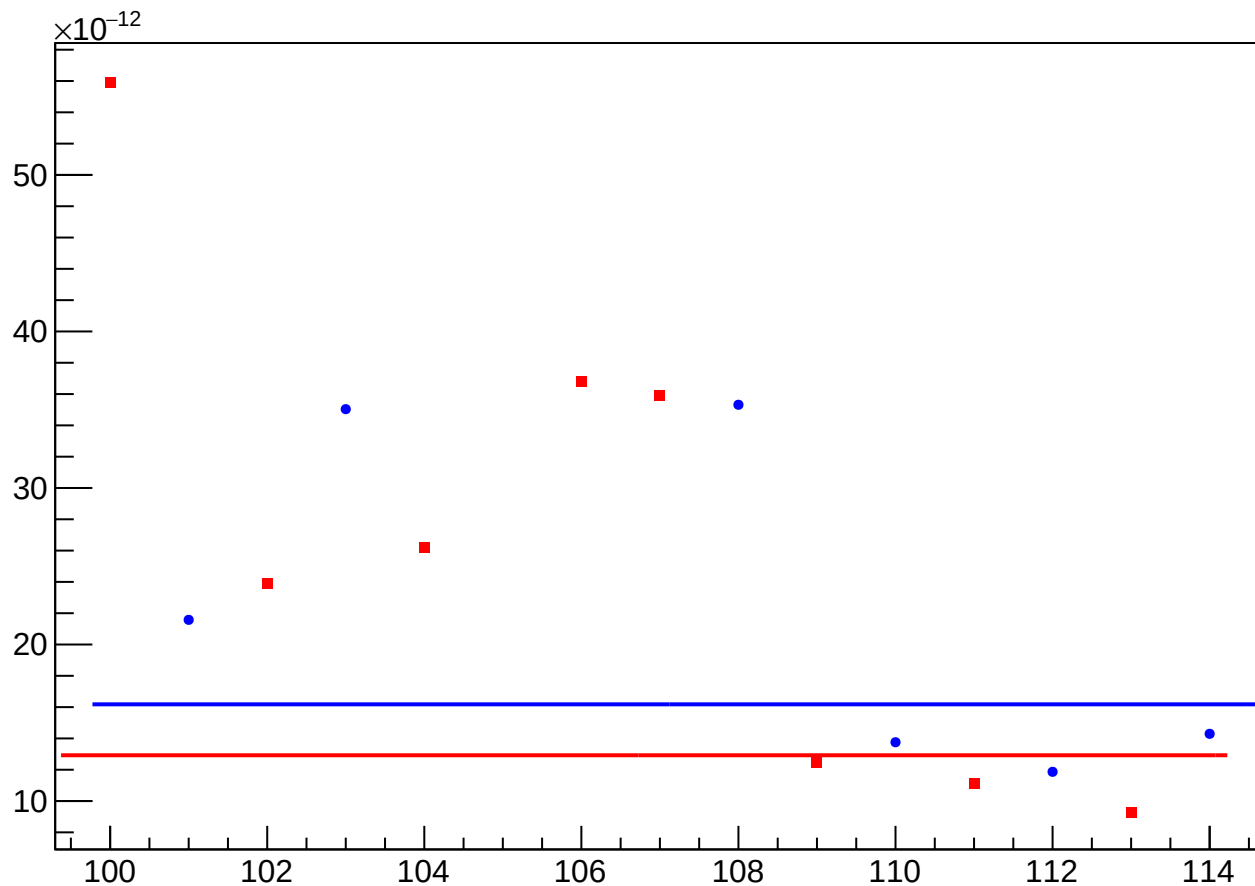
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 567806.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 734654.4/7

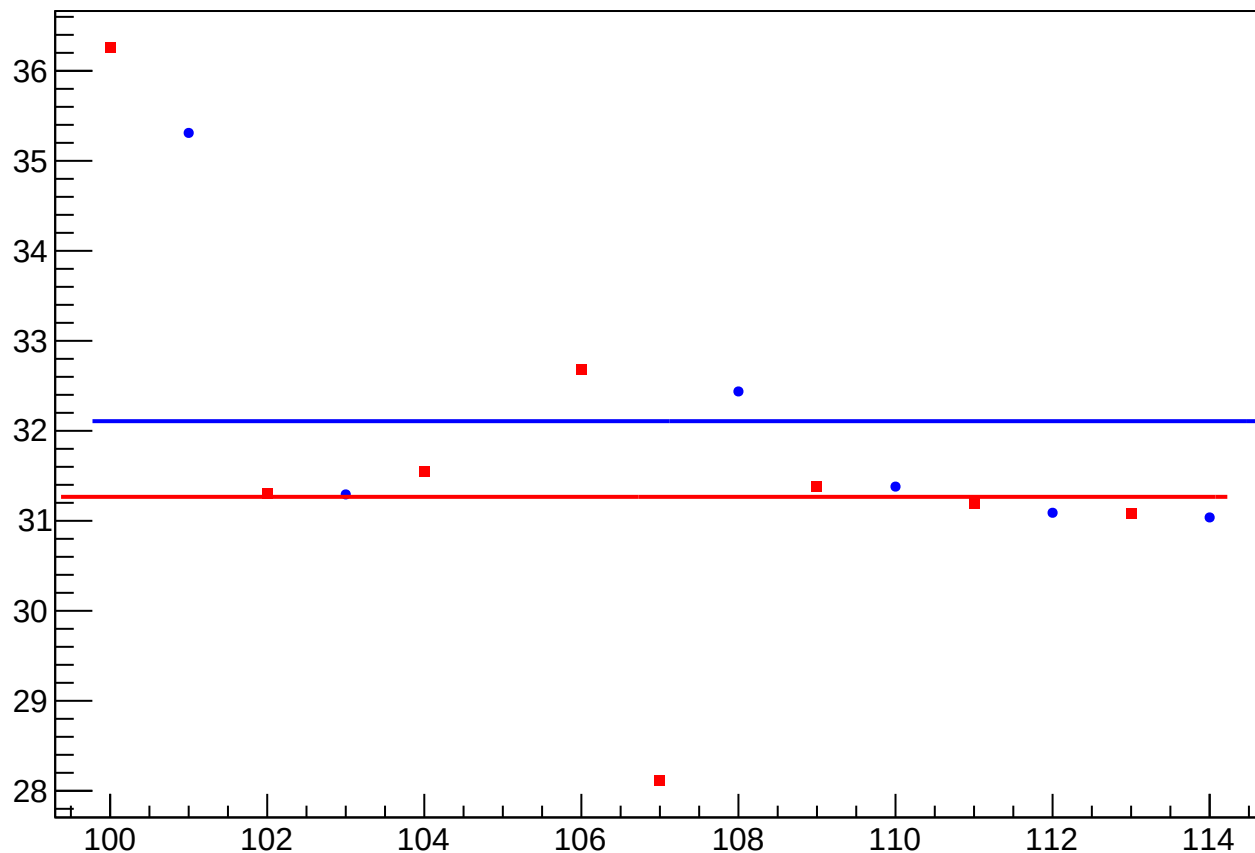
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1378554.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_mean vs Slug



Right In: 32.107+/-0.000 χ^2/NDF : 791669564.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.266+/-0.000 χ^2/NDF : 208133740.9/7

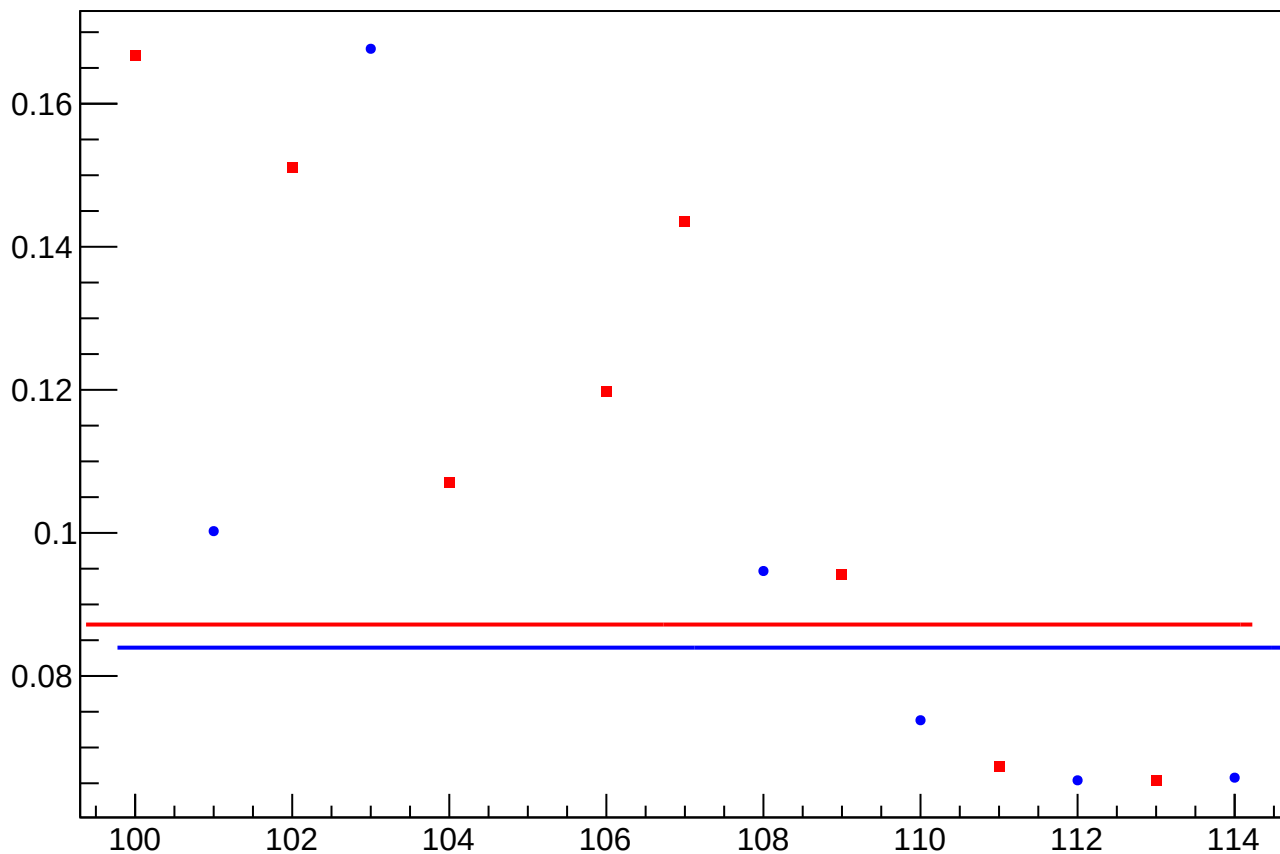
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.665+/-0.000 χ^2/NDF : 1116016664.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_rms vs Slug



Right In: 0.084+/-0.000 χ^2/NDF : 437063.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 550904.9/7

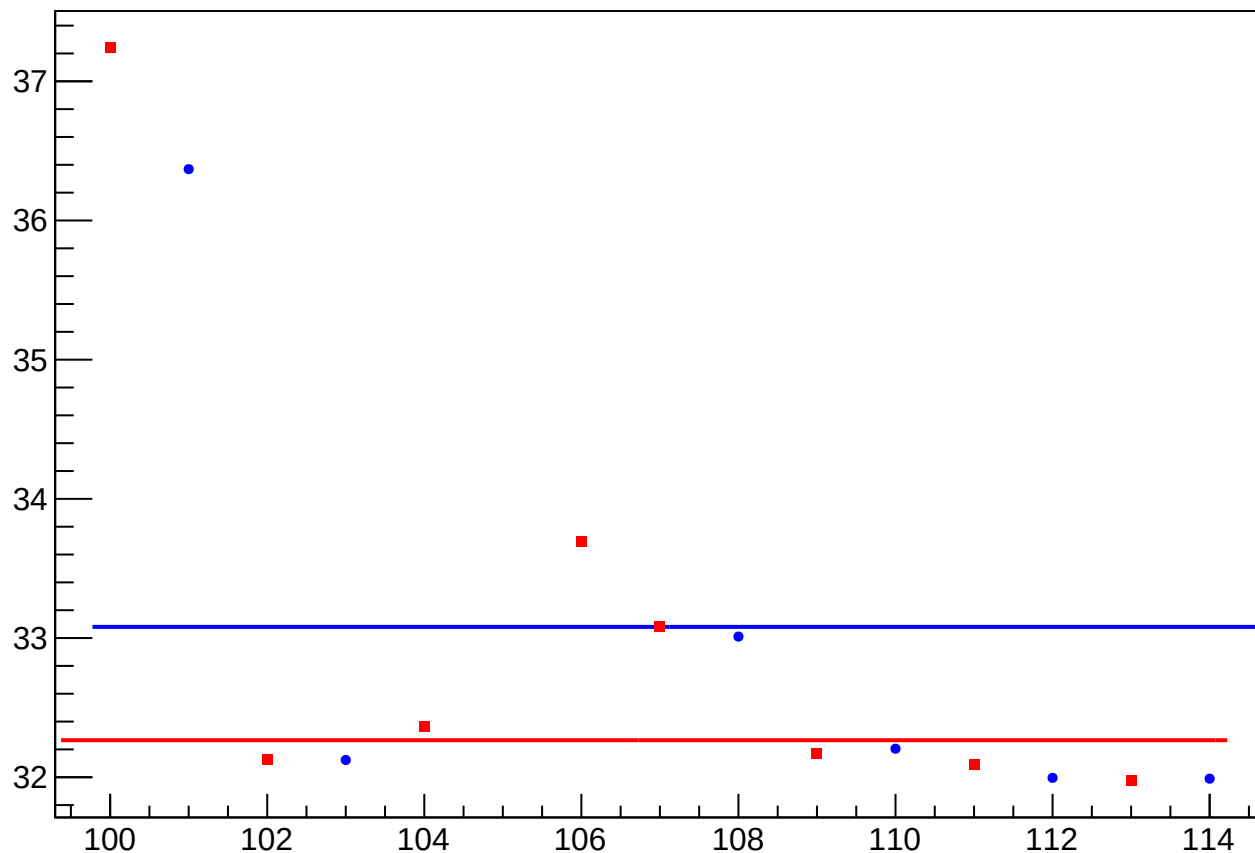
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 991396.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_mean vs Slug



Right In: 33.080+/-0.000 χ^2/NDF : 613677837.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.266+/-0.000 χ^2/NDF : 81236482.5/7

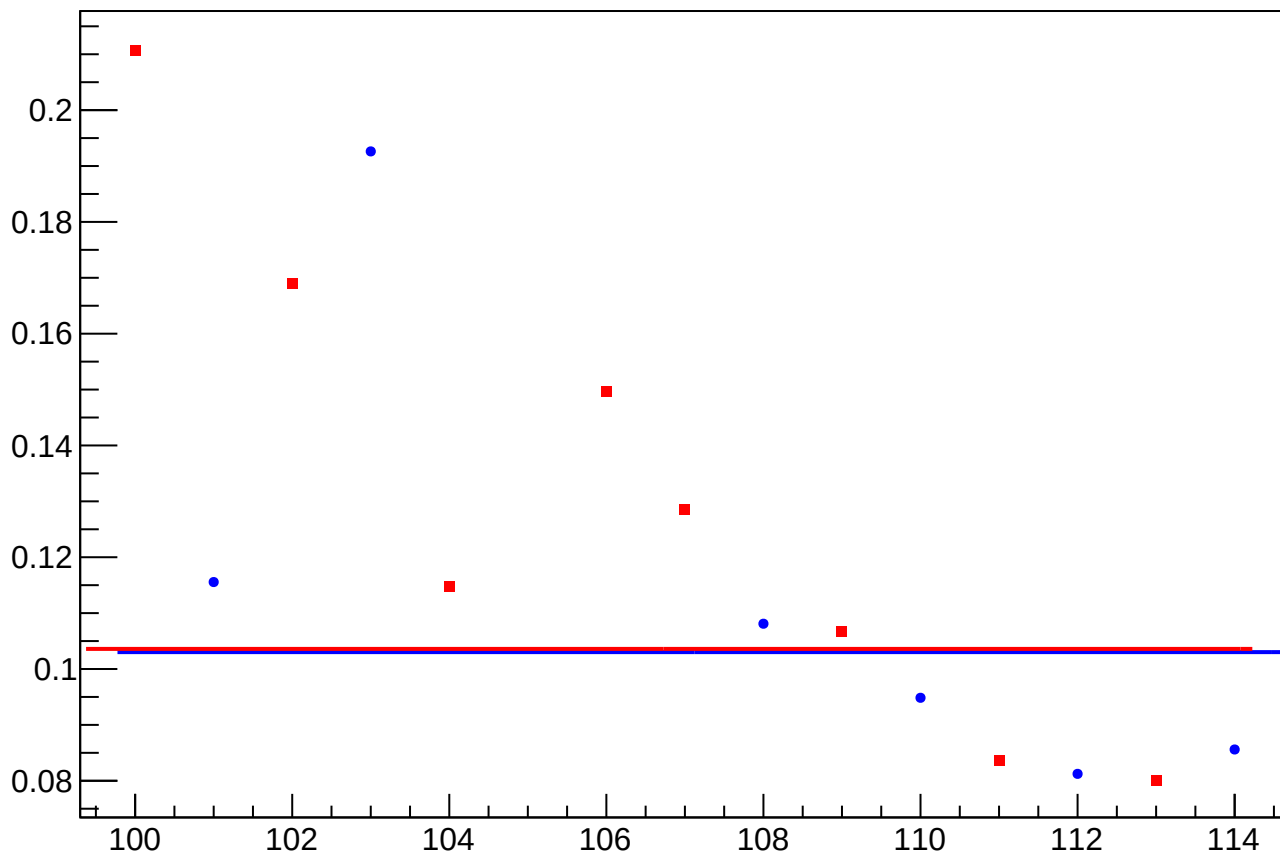
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.638+/-0.000 χ^2/NDF : 770737454.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_rms vs Slug



Right In: 0.103+/-0.000 χ^2/NDF : 350240.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.104+/-0.000 χ^2/NDF : 411754.1/7

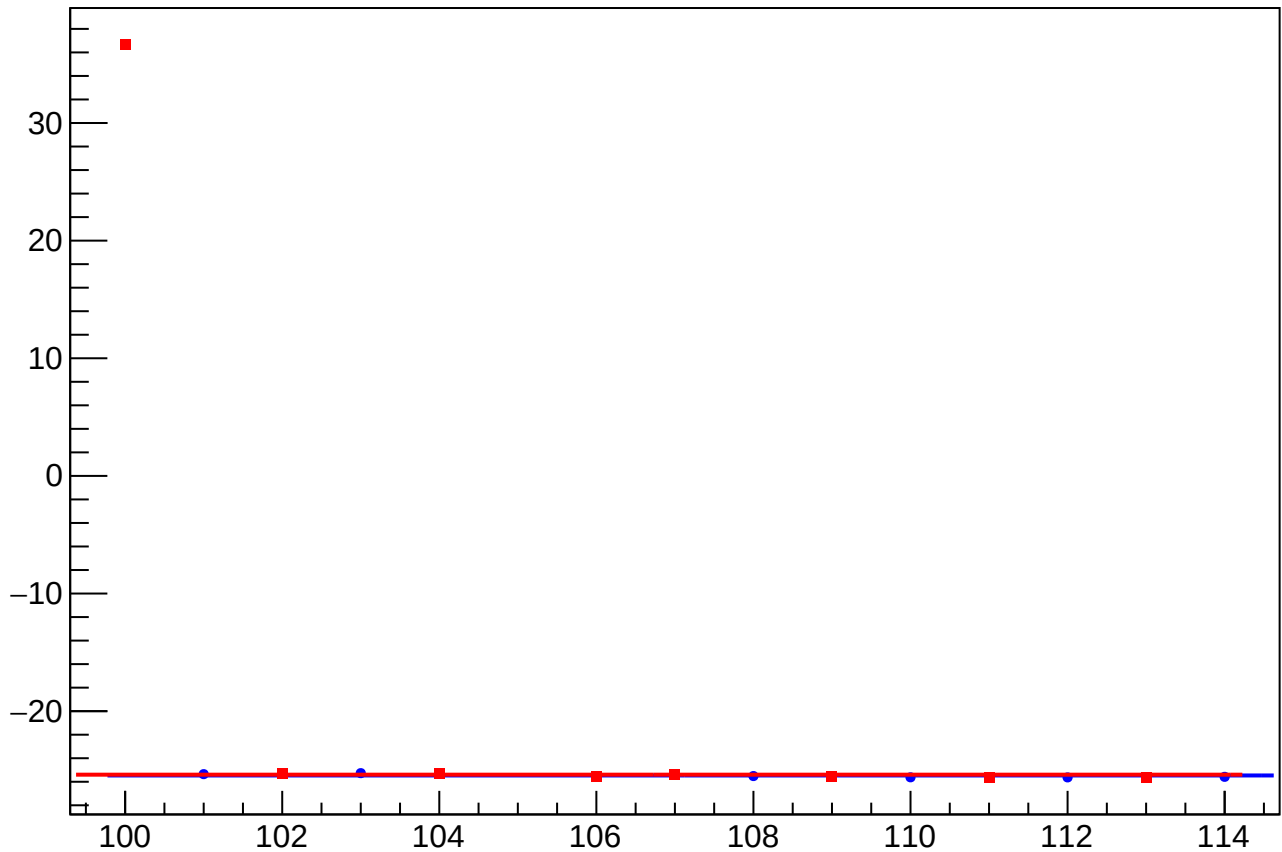
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.103+/-0.000 χ^2/NDF : 762070.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_mean vs Slug



Right In: -25.465+/-0.000 χ^2/NDF : 34593415.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

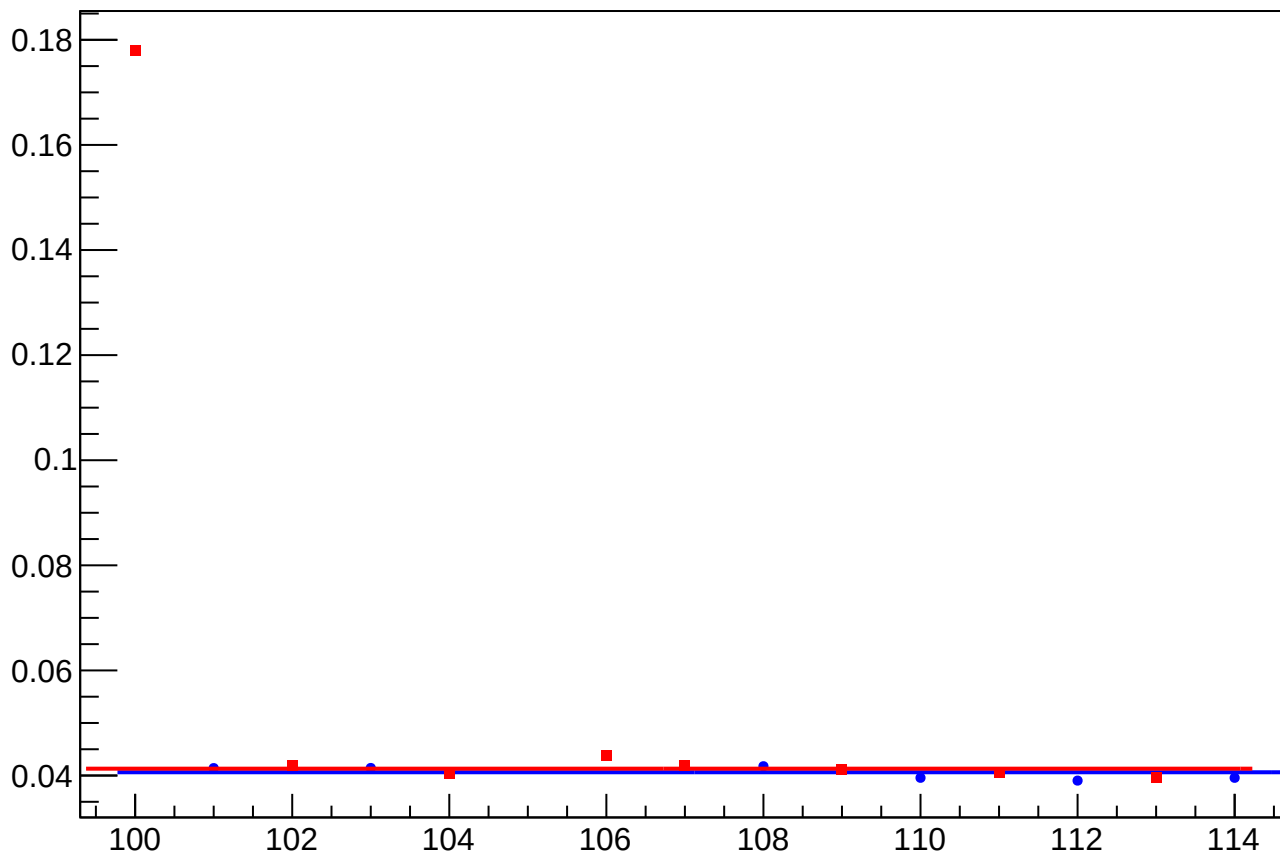
Right Out: -25.398+/-0.000 χ^2/NDF : 8808862333.7/7

All: -25.429+/-0.000 χ^2/NDF : 8847304530.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_rms vs Slug



Right In: 0.041 $\pm$ 0.000 χ^2 /NDF: 3861.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.041 $\pm$ 0.000 χ^2 /NDF: 89796.9/7

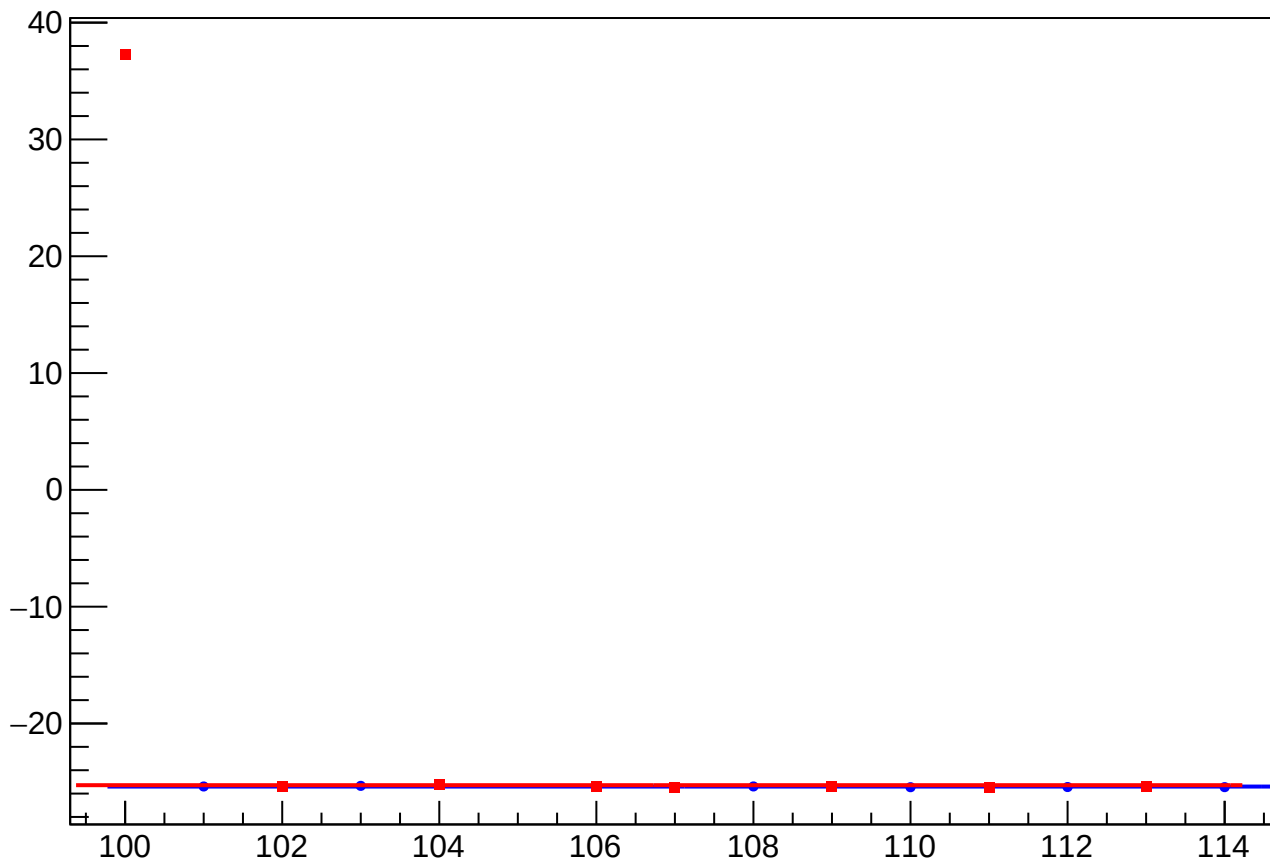
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.000 χ^2 /NDF: 94465.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.399+/-0.000 χ^2/NDF : 1268450.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.281+/-0.000 χ^2/NDF : 6302085478.4/7

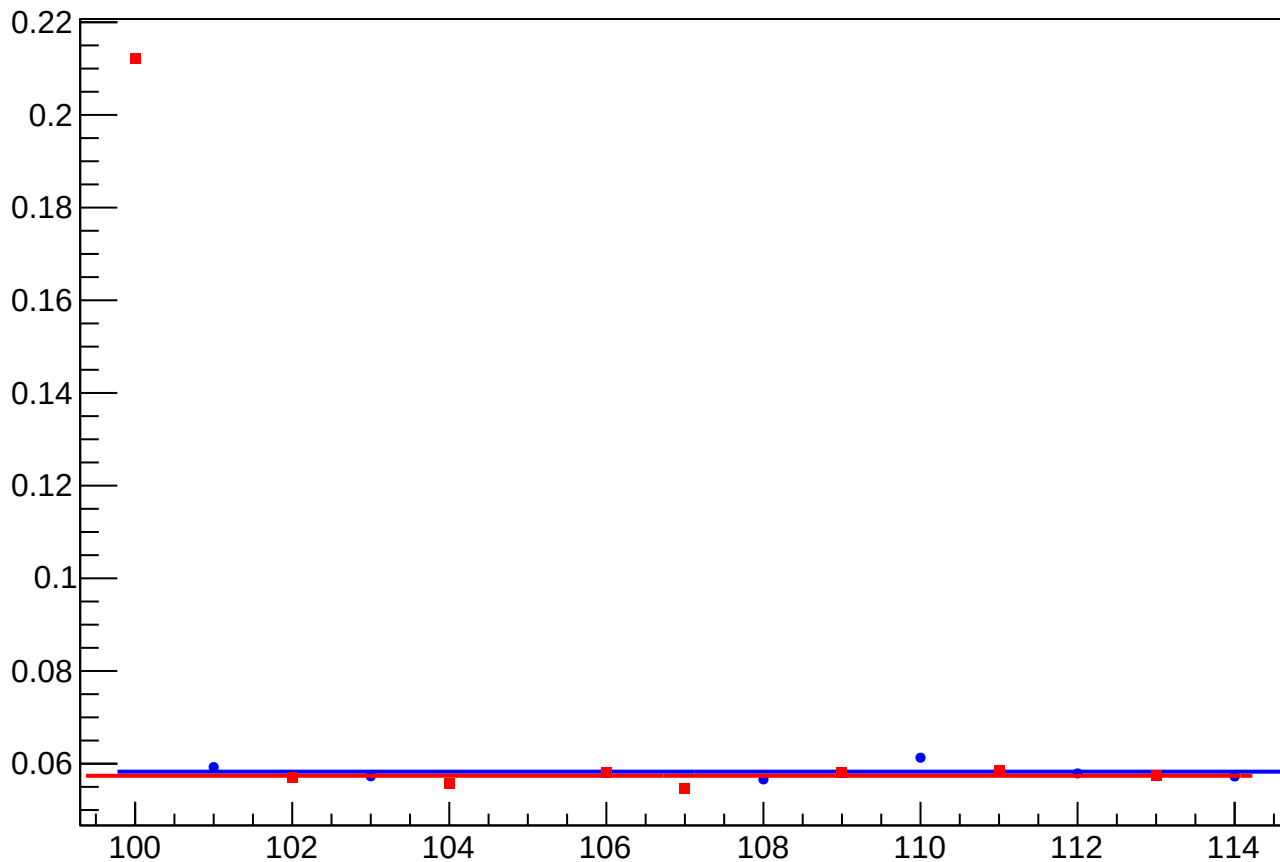
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.333+/-0.000 χ^2/NDF : 6309138460.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 3228.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 79666.5/7

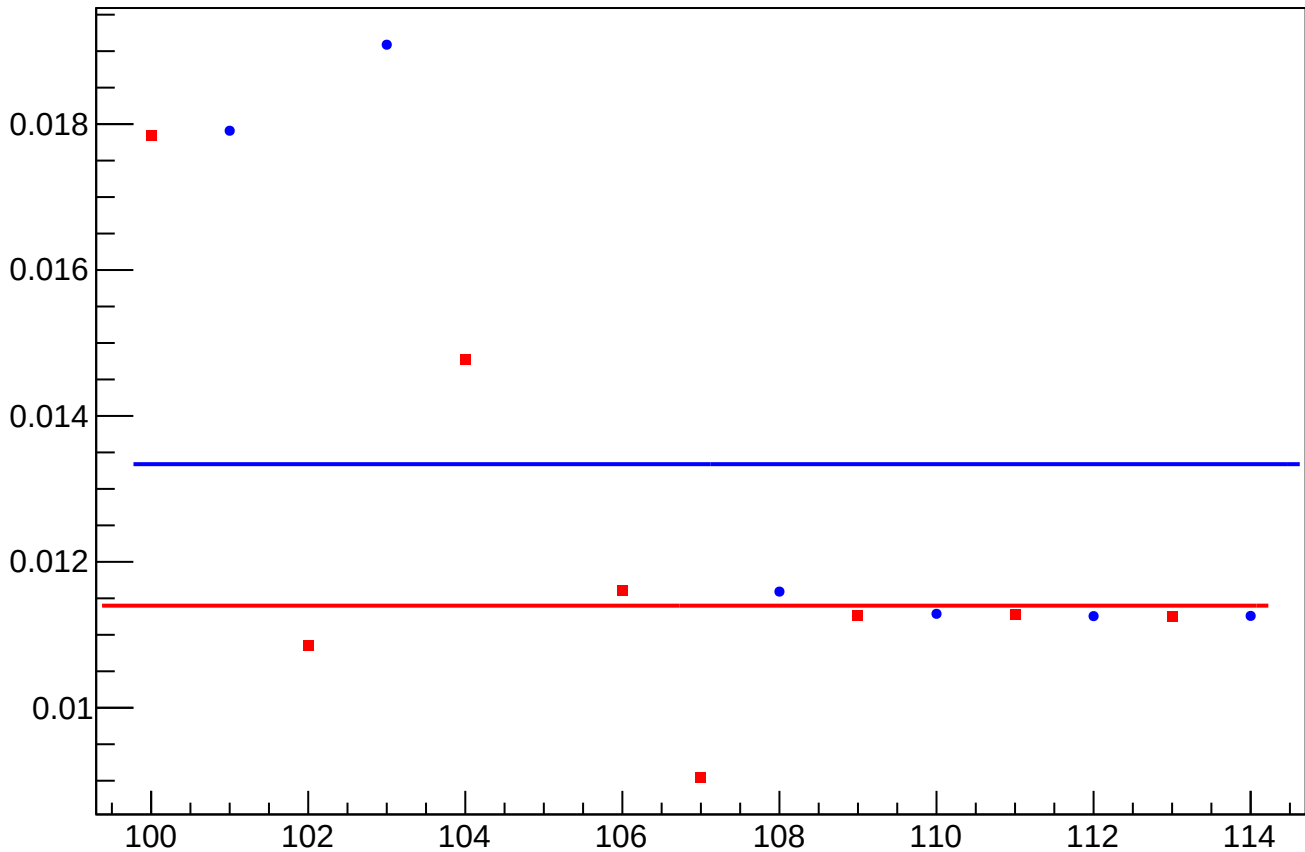
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 83559.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_mean vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 6488785570.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1148323544.7/7

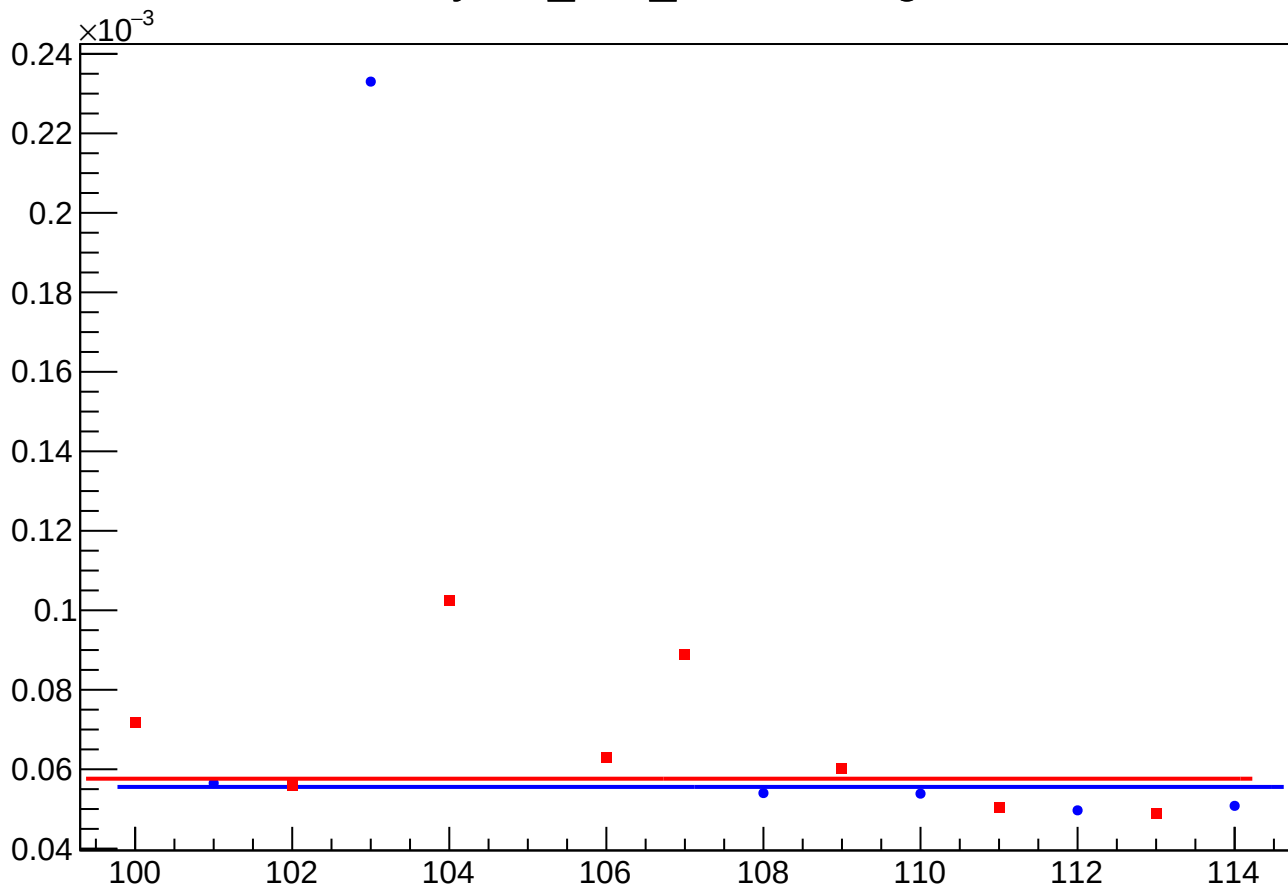
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 9054137556.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 580545.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240883.8/7

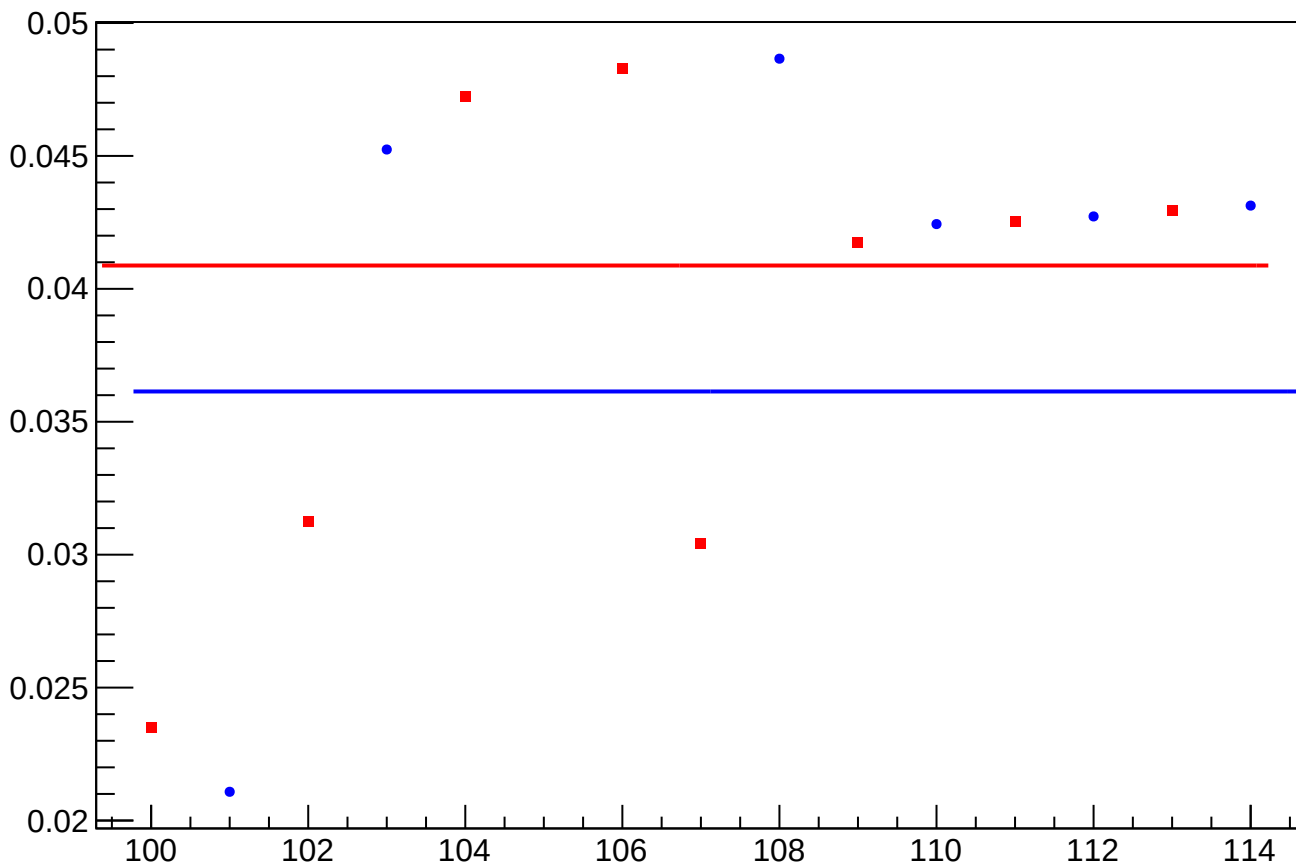
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 824659.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_mean vs Slug



Right In: 0.036+/-0.000 χ^2/NDF : 1800971351.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.000 χ^2/NDF : 601173753.2/7

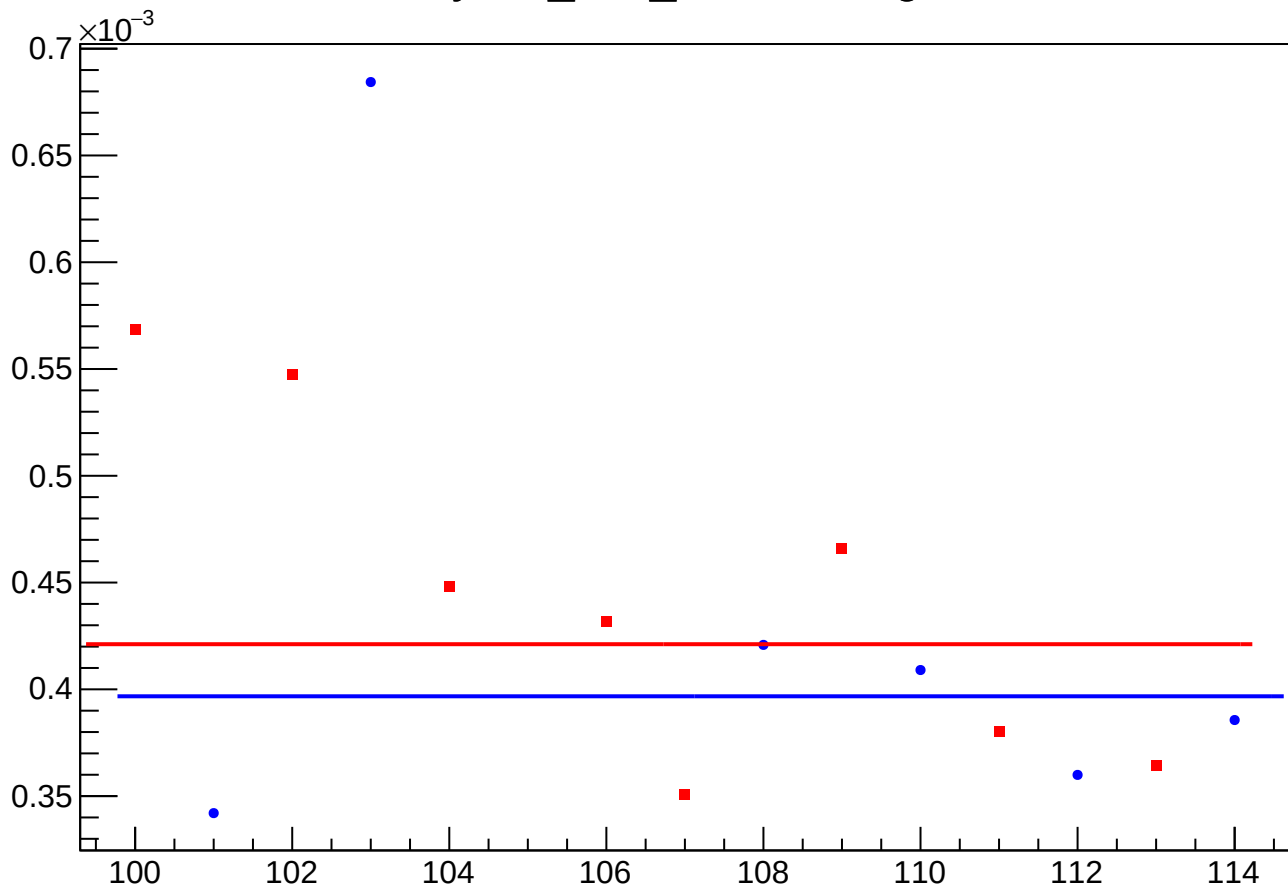
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.000 χ^2/NDF : 2570356770.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 240240.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 125681.9/7

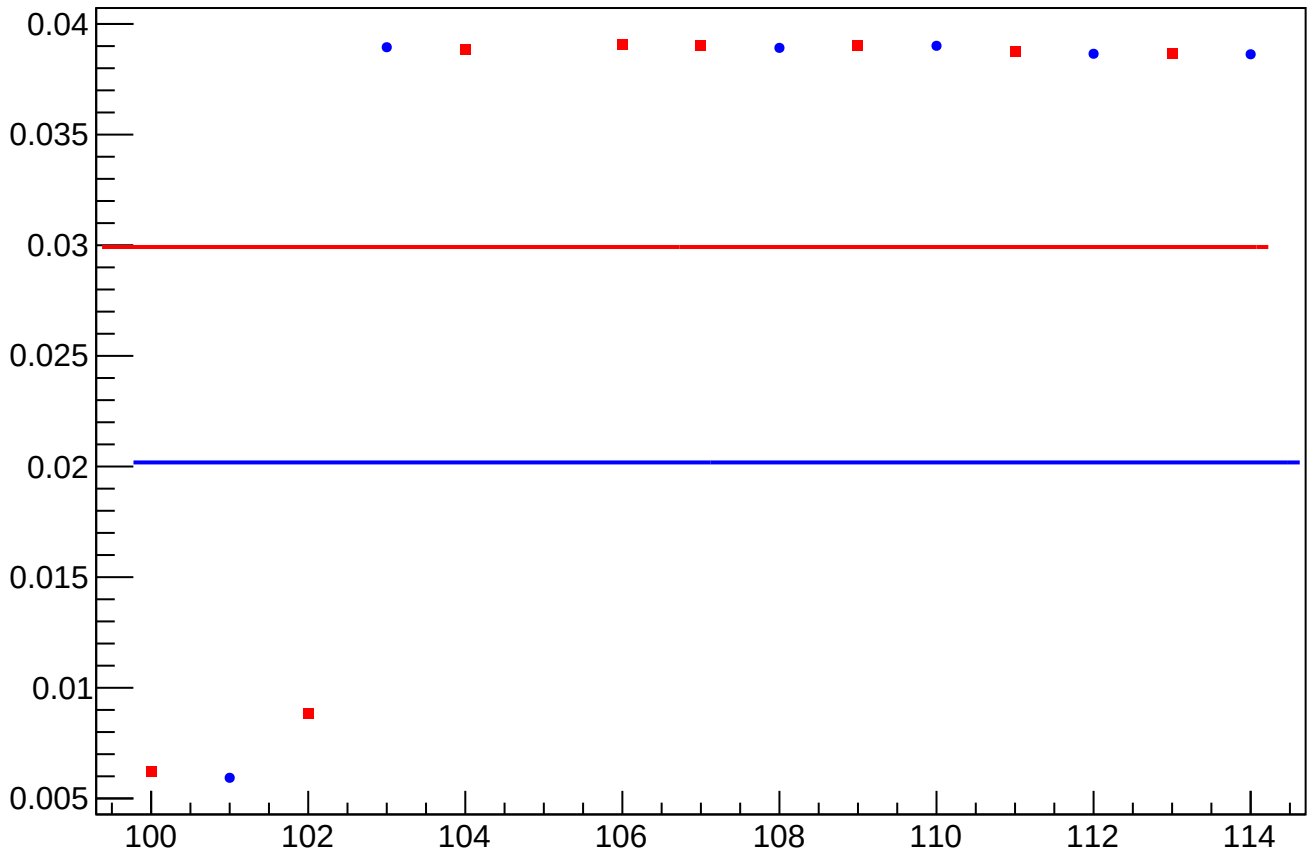
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 374842.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_mean vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 64137729403.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 38540666685.7/7

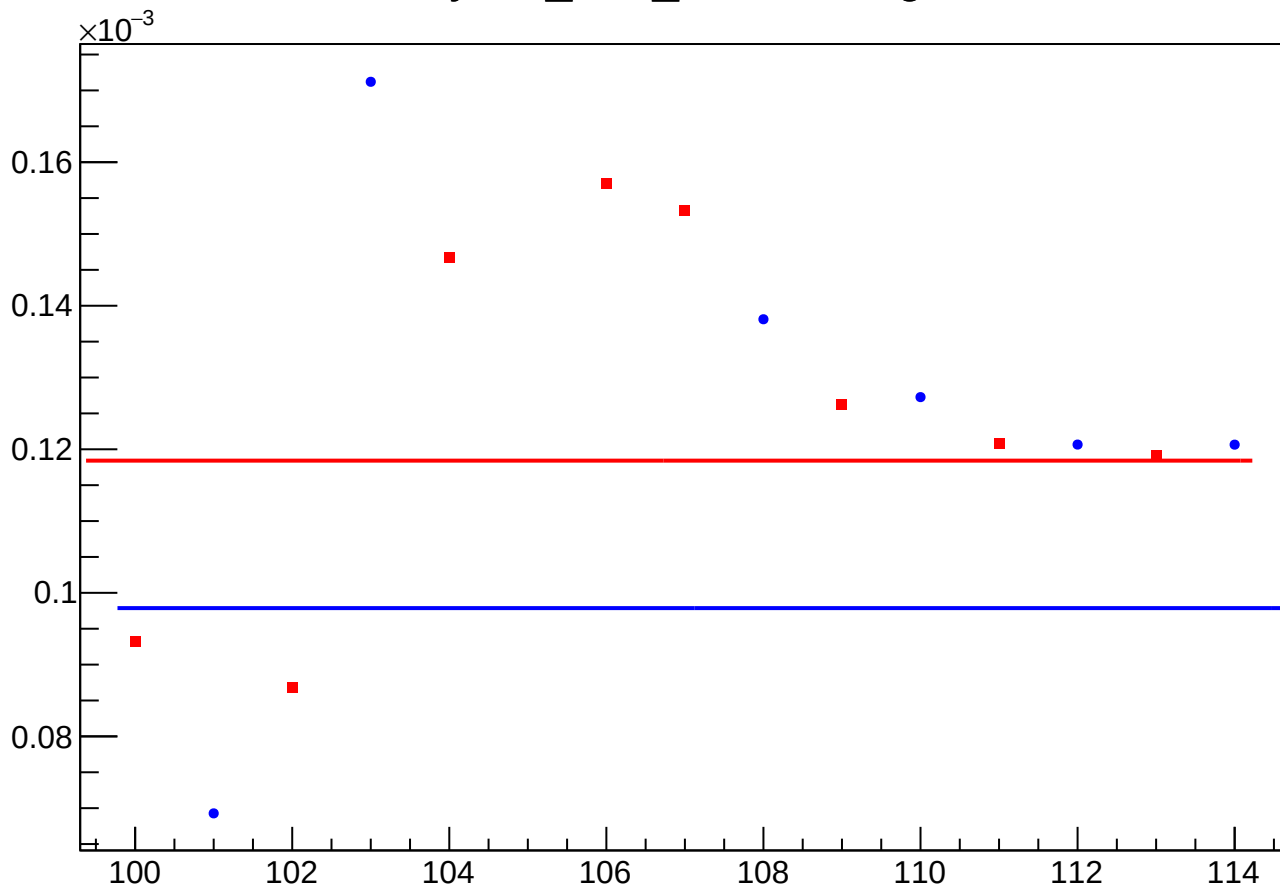
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 113073993208.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 590620.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 213114.1/7

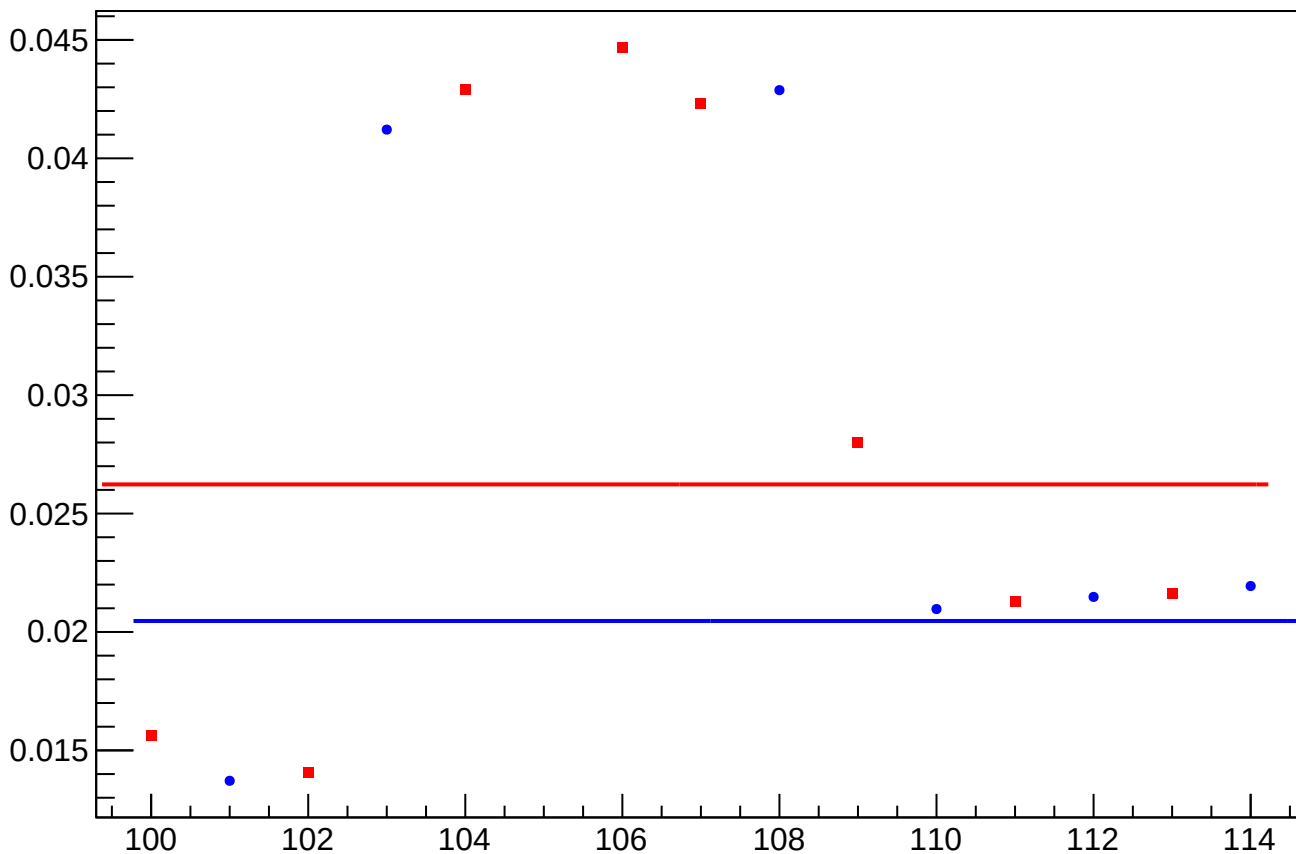
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 896340.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_mean vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 3022727997.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 3223257273.4/7

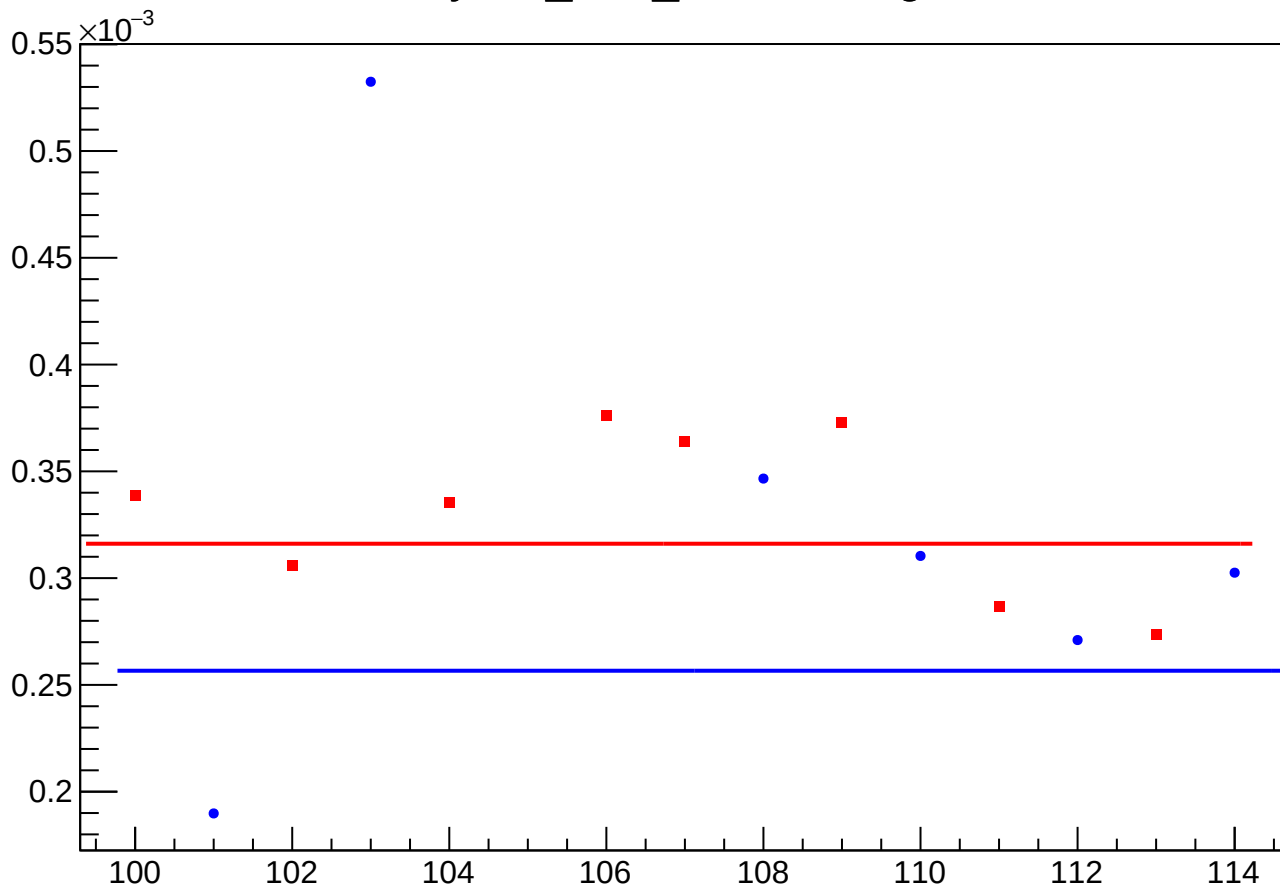
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 6744366224.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 520332.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 77268.2/7

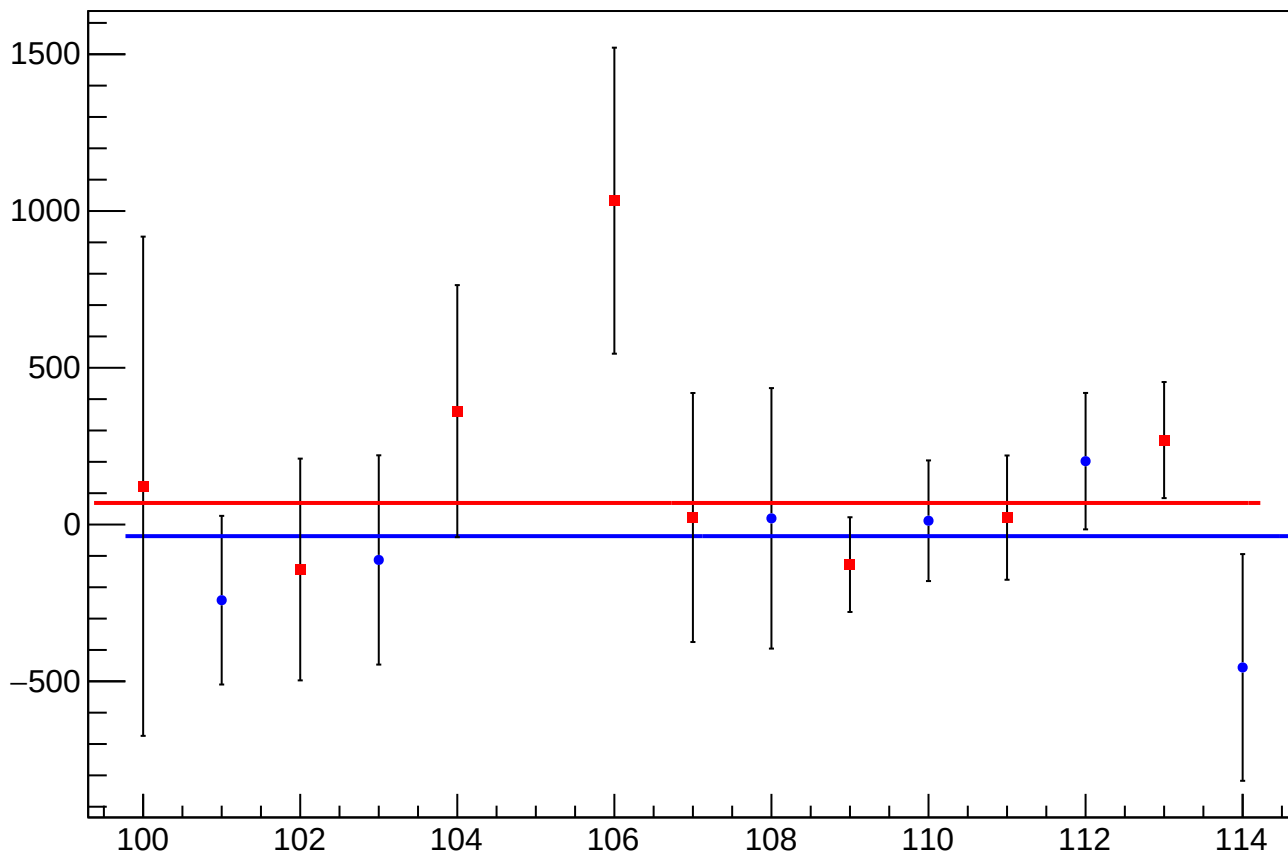
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 703614.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -36.989+/-108.862 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.848+/-89.530 χ^2/NDF : 7.7/7

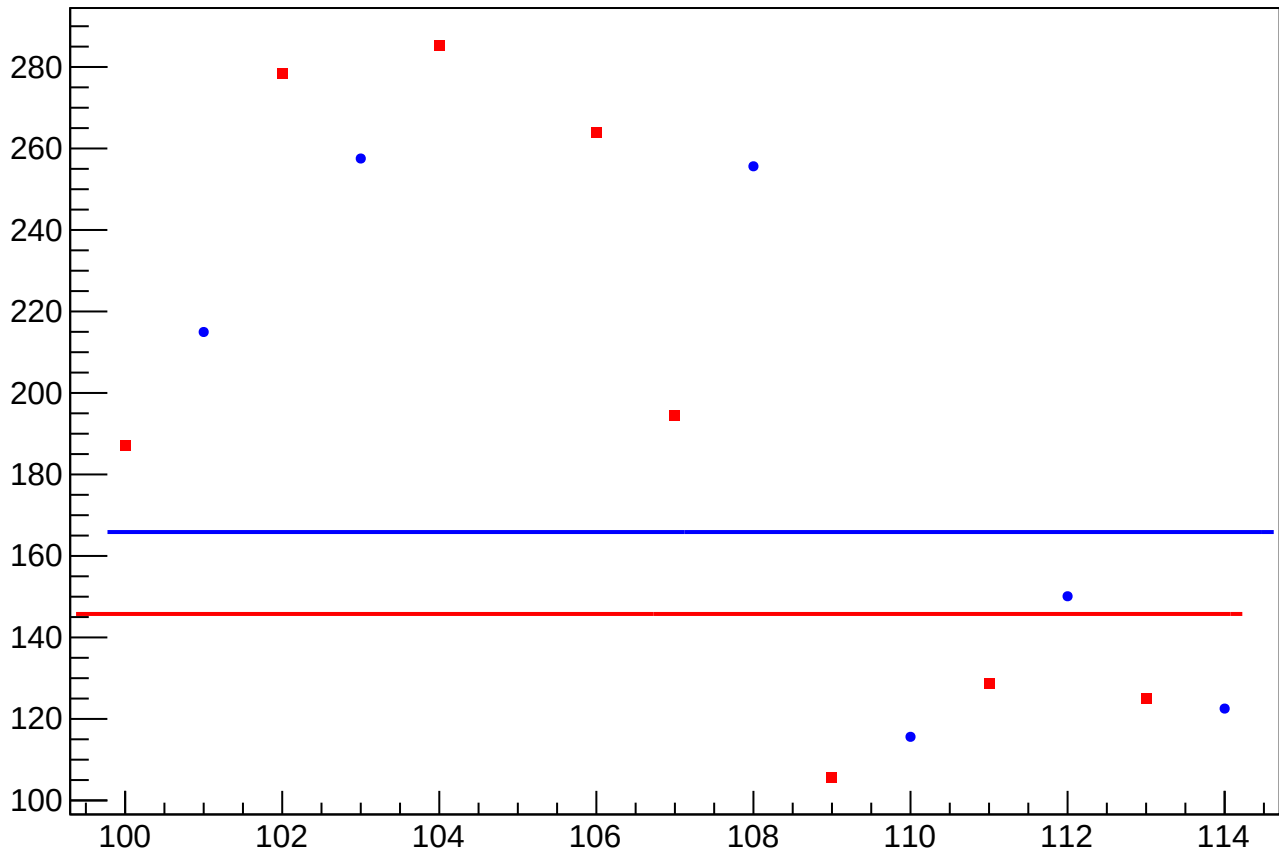
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.146+/-69.149 χ^2/NDF : 11.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 165.866 $\pm$ 0.077 χ^2 /NDF: 486553.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.761 $\pm$ 0.063 χ^2 /NDF: 855824.9/7

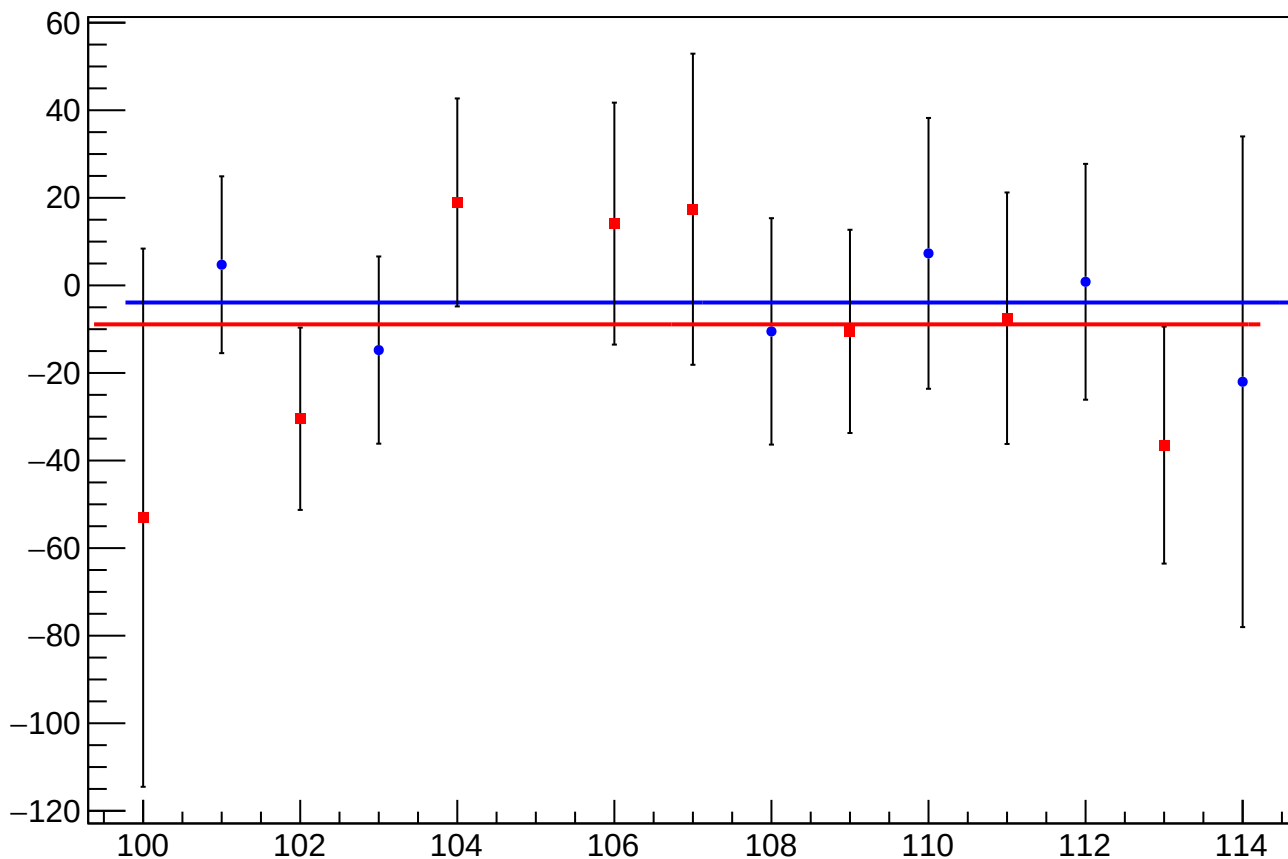
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 153.873 $\pm$ 0.049 χ^2 /NDF: 1383069.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -3.906+/-10.612 χ^2/NDF : 0.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.898+/-9.587 χ^2/NDF : 5.2/7

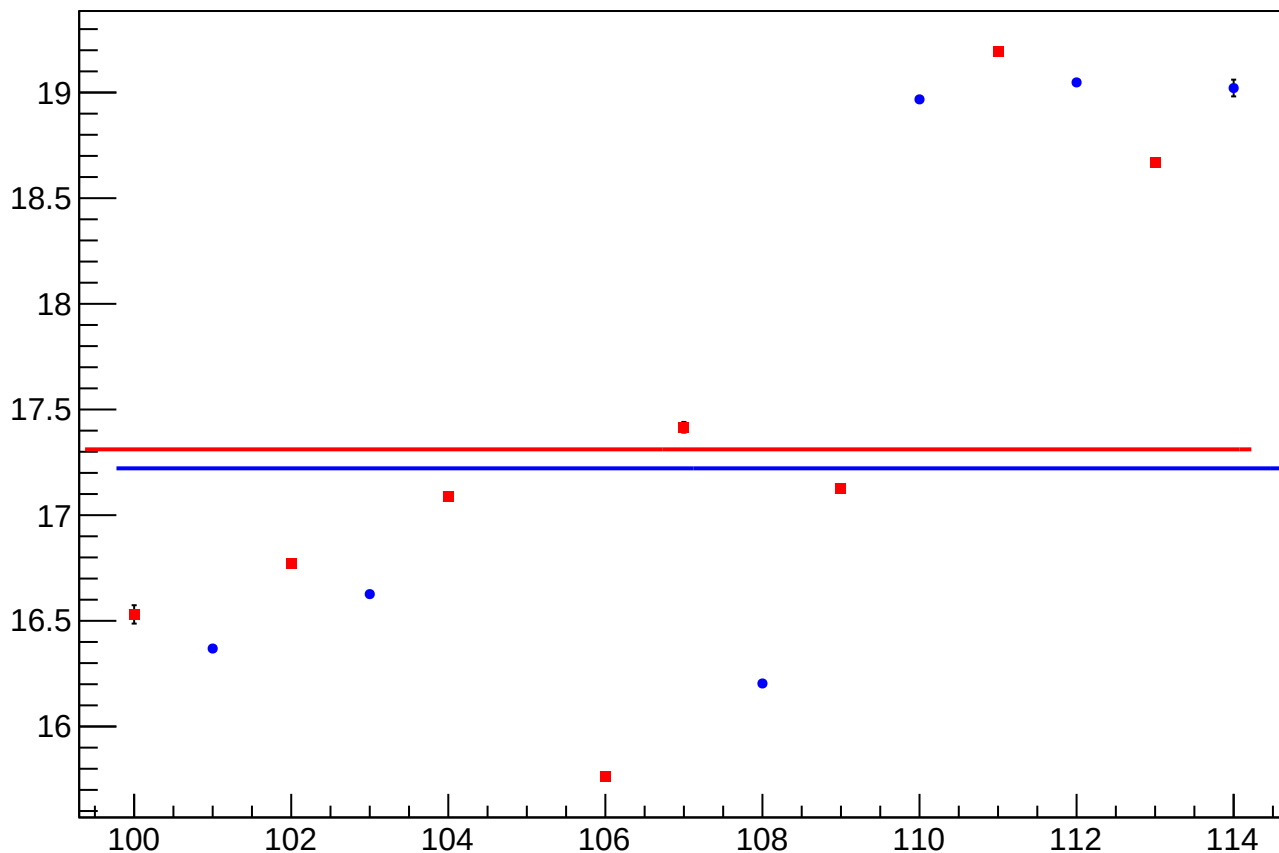
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.655+/-7.114 χ^2/NDF : 6.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 17.222 $\pm$ 0.008 χ^2 /NDF: 25851.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.311 $\pm$ 0.007 χ^2 /NDF: 21863.1/7

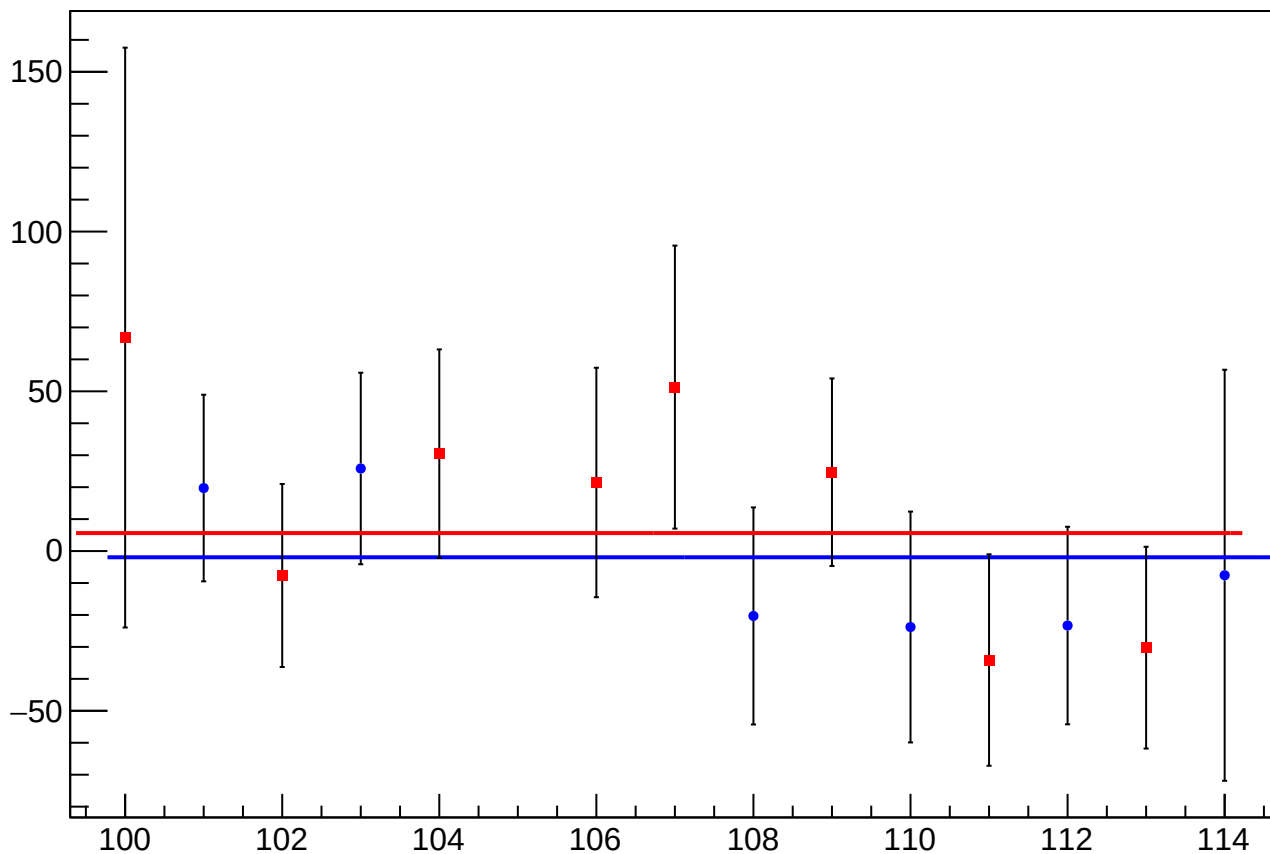
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.271 $\pm$ 0.005 χ^2 /NDF: 47793.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -1.946+/-13.859 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.628+/-12.272 χ^2/NDF : 5.7/7

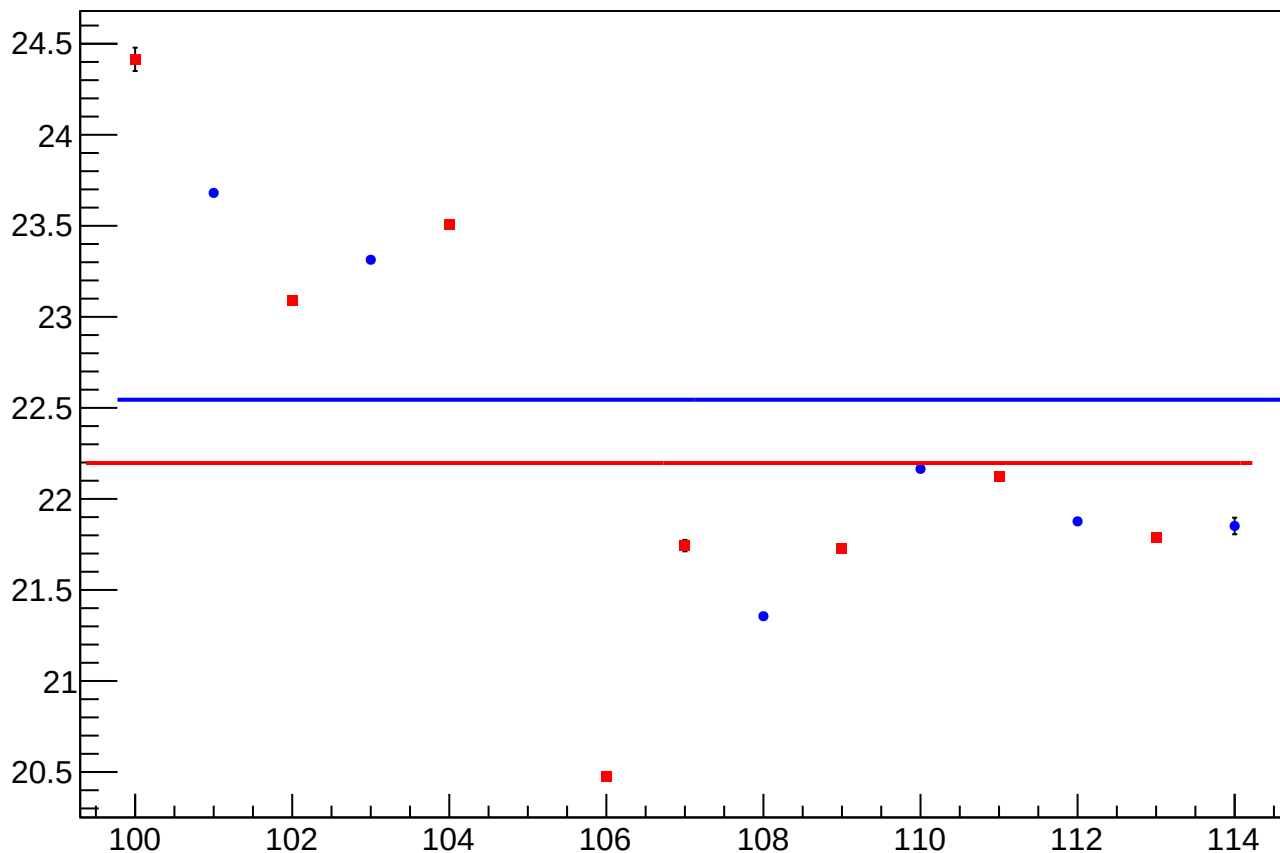
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.300+/-9.188 χ^2/NDF : 8.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.545+/-0.010 χ^2/NDF : 8178.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.197+/-0.009 χ^2/NDF : 12032.9/7

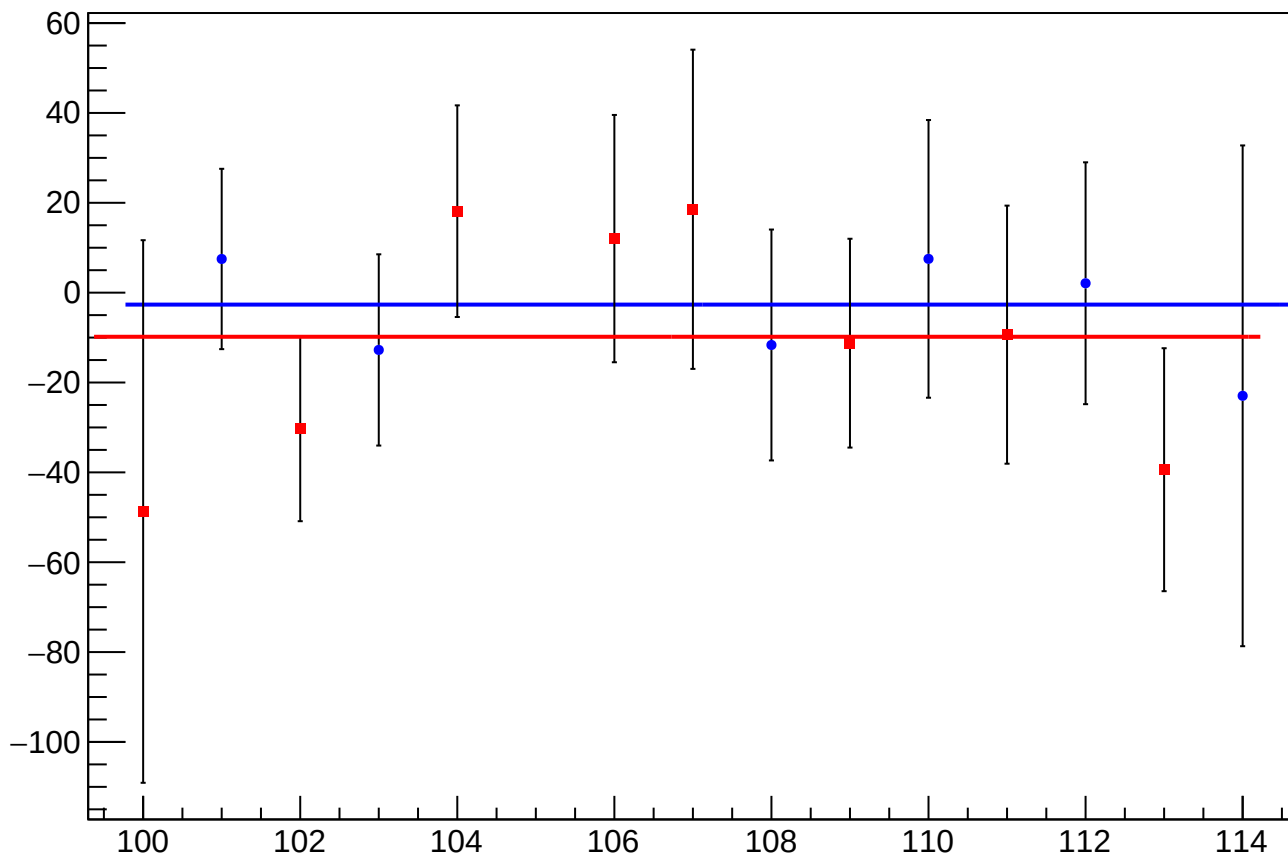
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.350+/-0.006 χ^2/NDF : 20917.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -2.658+/-10.568 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.818+/-9.540 χ^2/NDF : 5.3/7

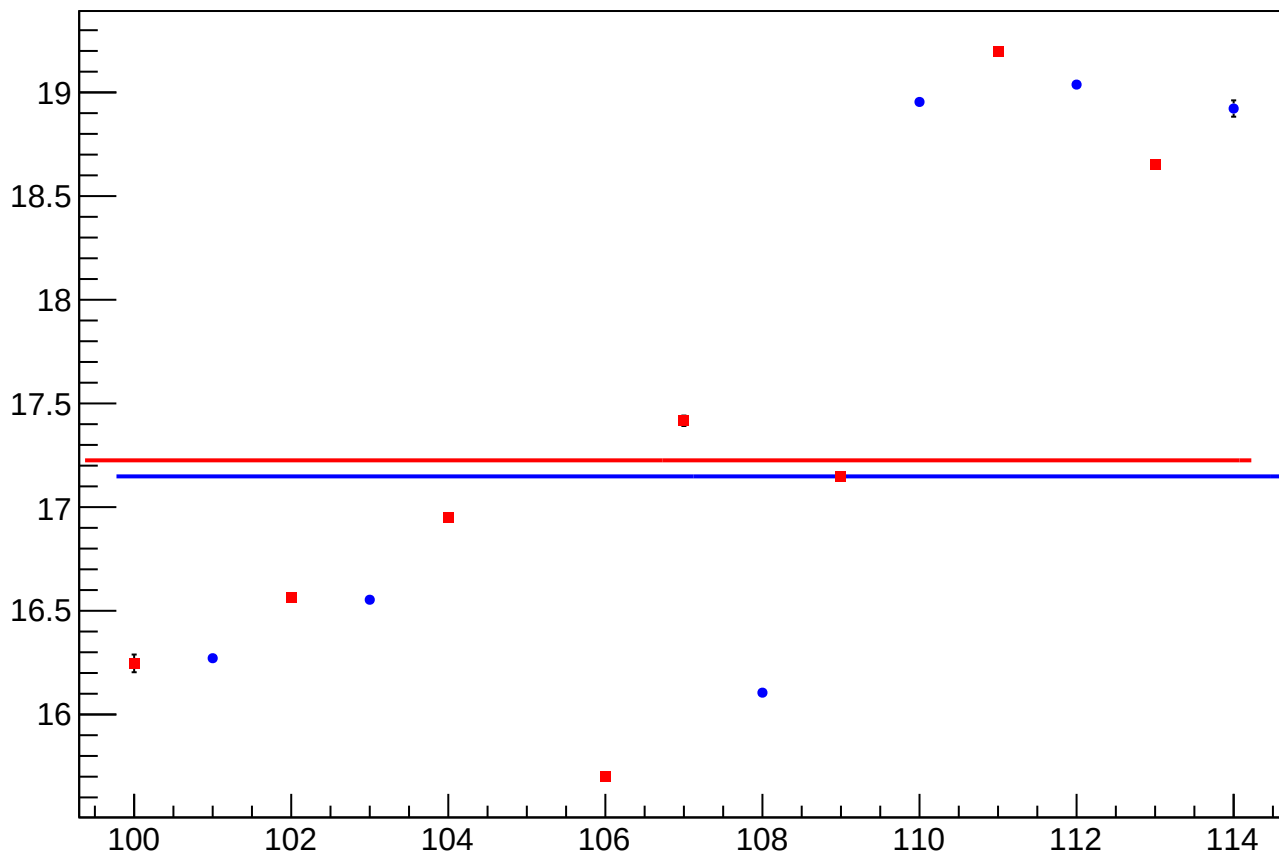
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.603+/-7.082 χ^2/NDF : 6.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 17.148 $\pm$ 0.007 χ^2 /NDF: 27385.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.226 $\pm$ 0.007 χ^2 /NDF: 24056.0/7

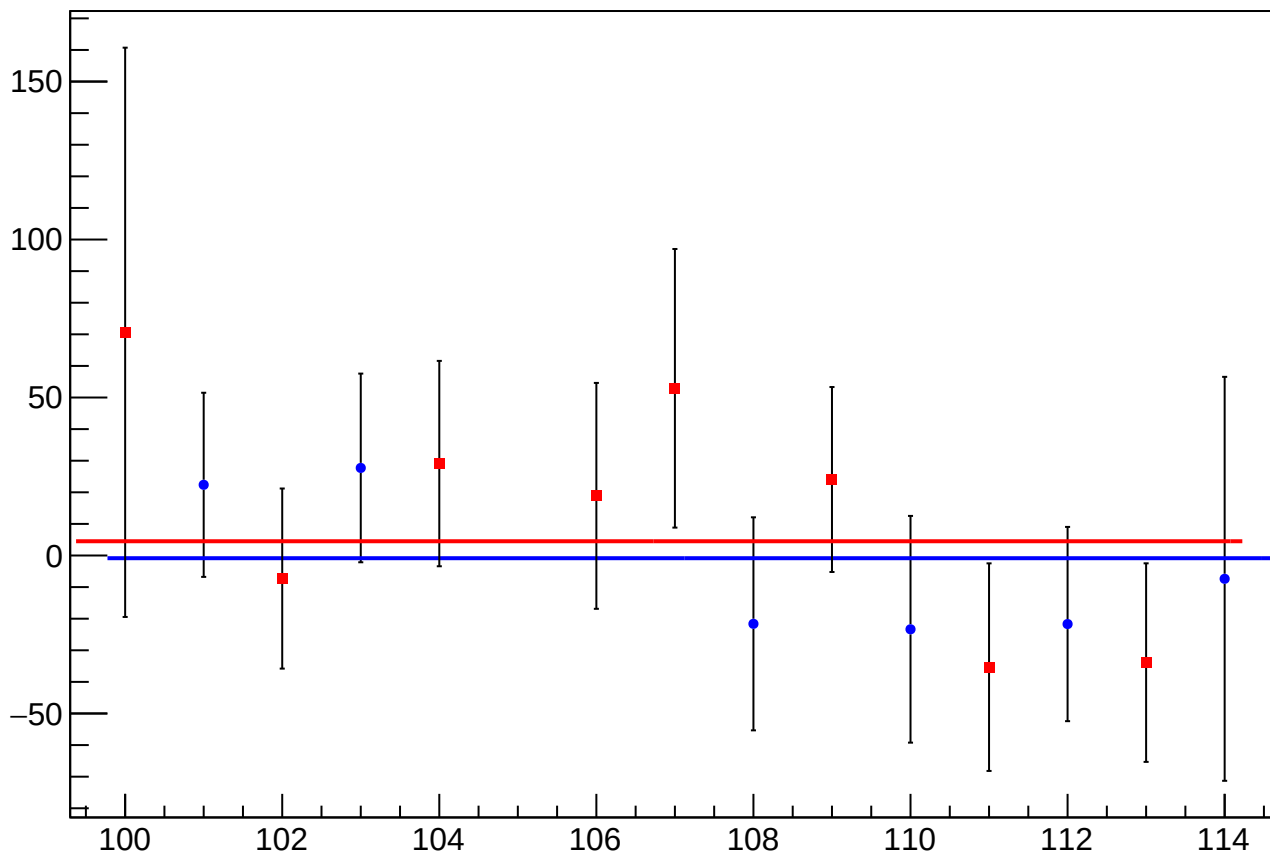
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.191 $\pm$ 0.005 χ^2 /NDF: 51500.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -0.856+/-13.789 χ^2/NDF : 2.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.511+/-12.212 χ^2/NDF : 6.1/7

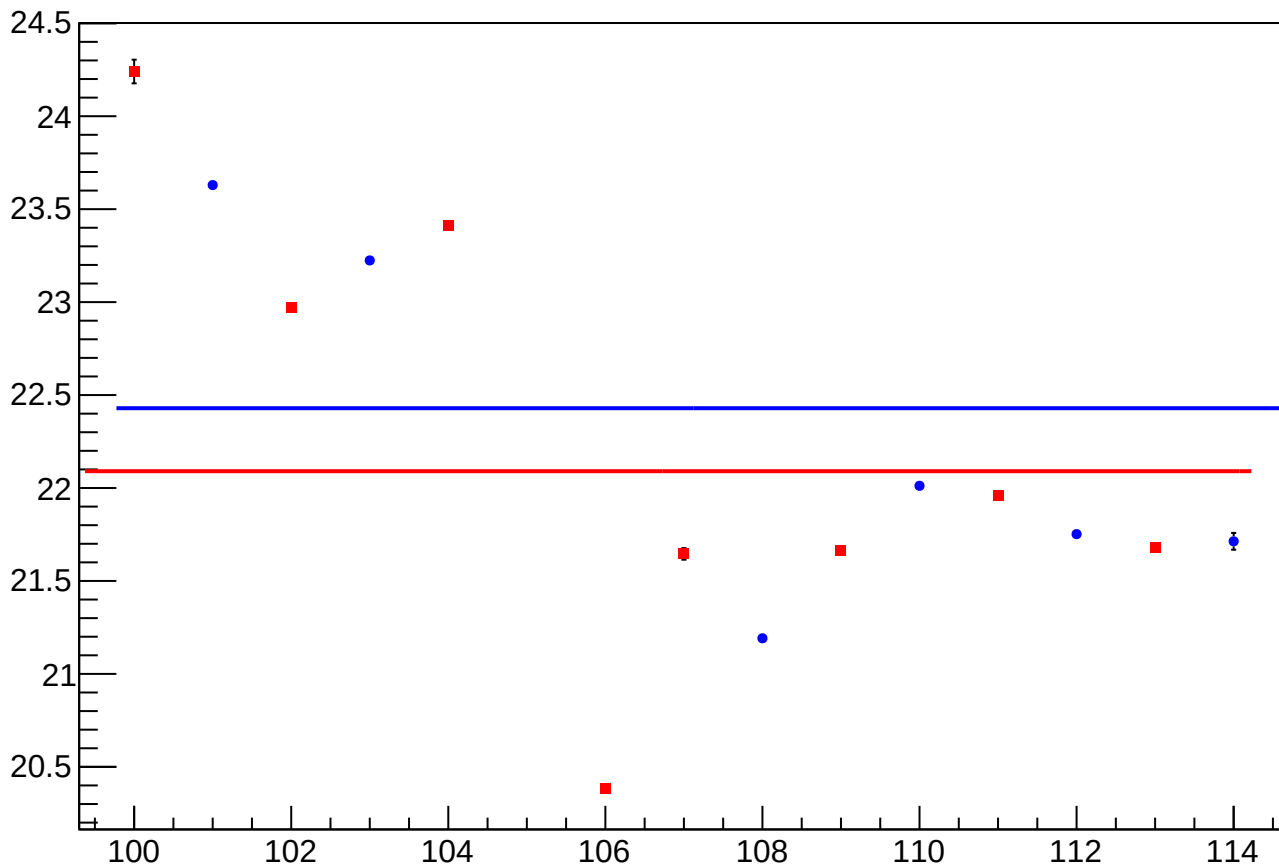
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.152+/-9.142 χ^2/NDF : 8.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.429 $\pm$ 0.010 χ^2 /NDF: 8999.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.090 $\pm$ 0.009 χ^2 /NDF: 11922.9/7

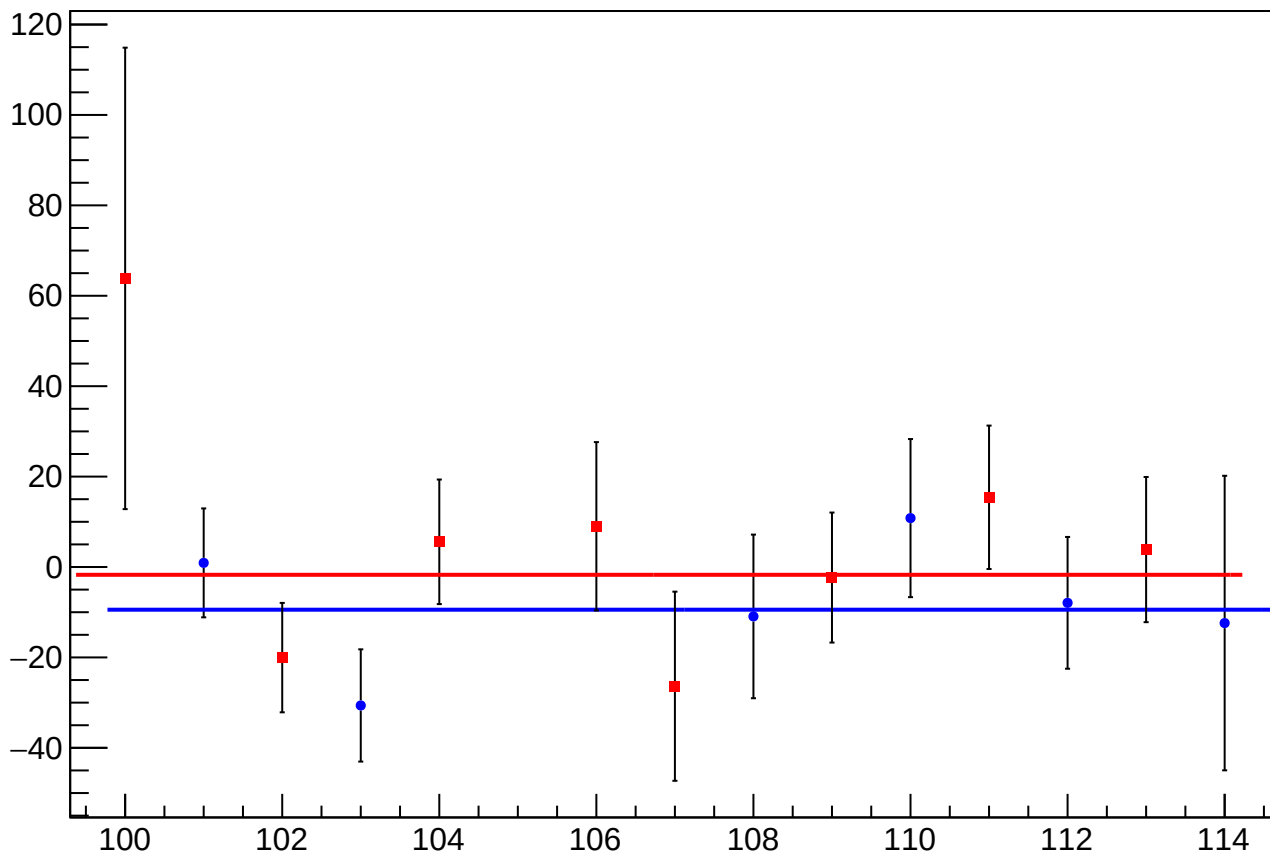
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.239 $\pm$ 0.006 χ^2 /NDF: 21599.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -9.442+/-6.281 χ^2/NDF : 5.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.724+/-5.741 χ^2/NDF : 7.2/7

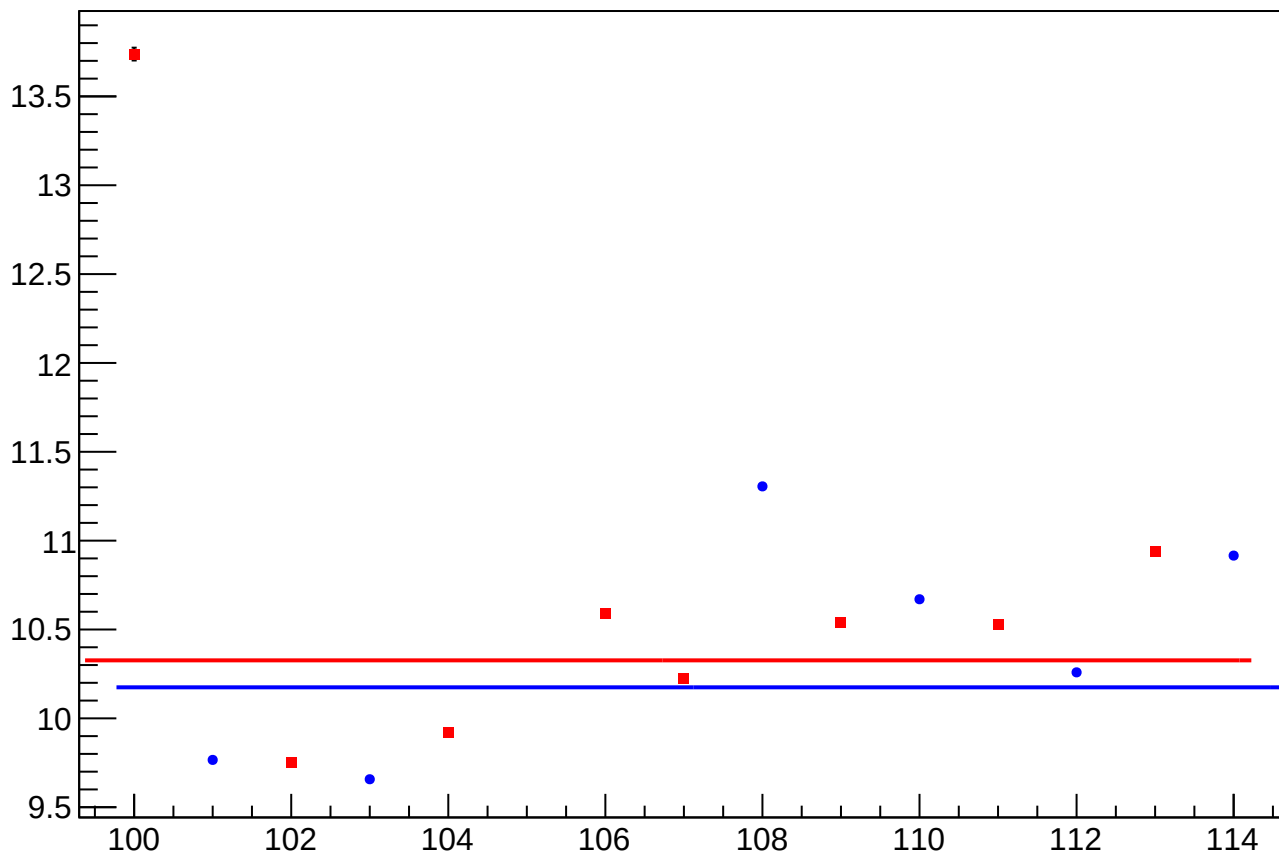
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.237+/-4.238 χ^2/NDF : 13.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.175 $\pm$ 0.004 χ^2 /NDF: 16285.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.326 $\pm$ 0.004 χ^2 /NDF: 19294.2/7

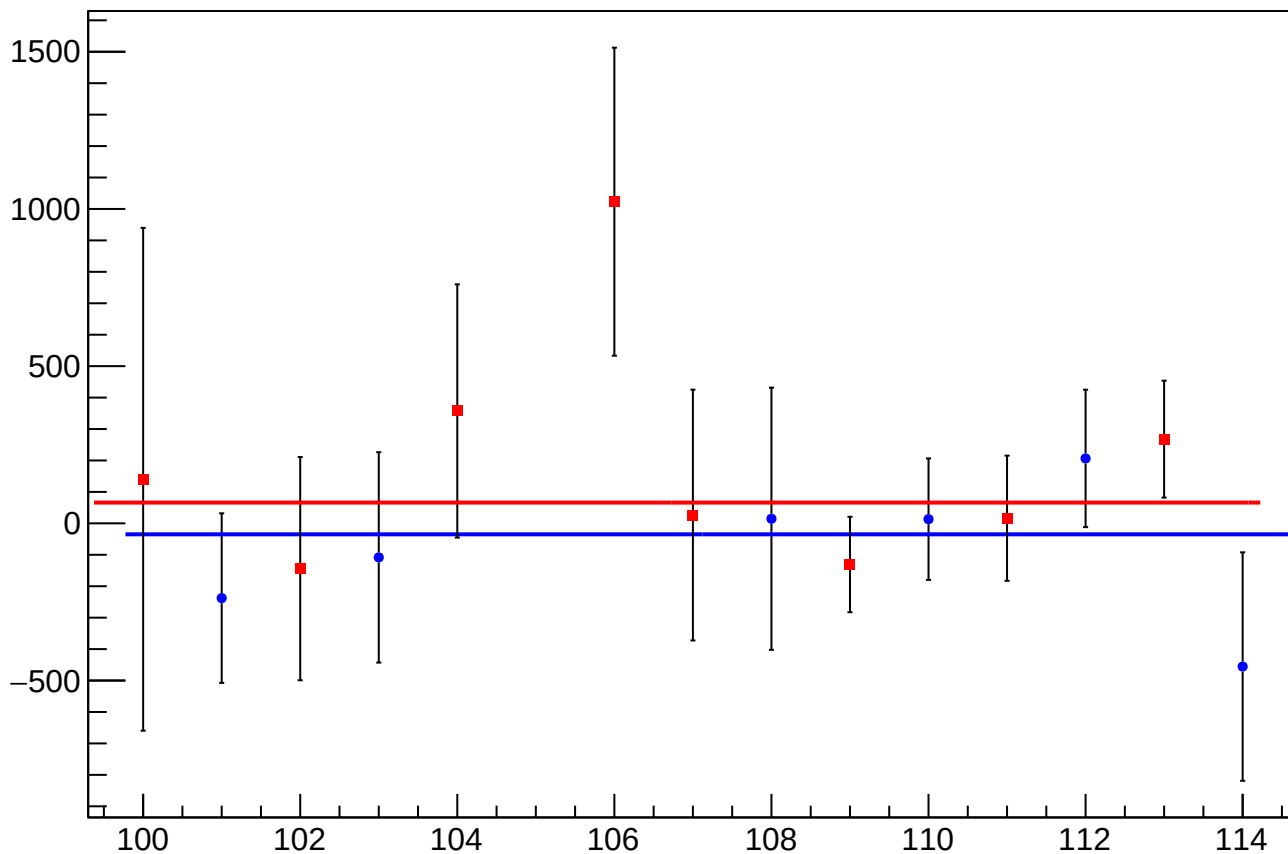
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.257 $\pm$ 0.003 χ^2 /NDF: 36216.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: -34.923+/-109.290 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.056+/-89.914 χ^2/NDF : 7.6/7

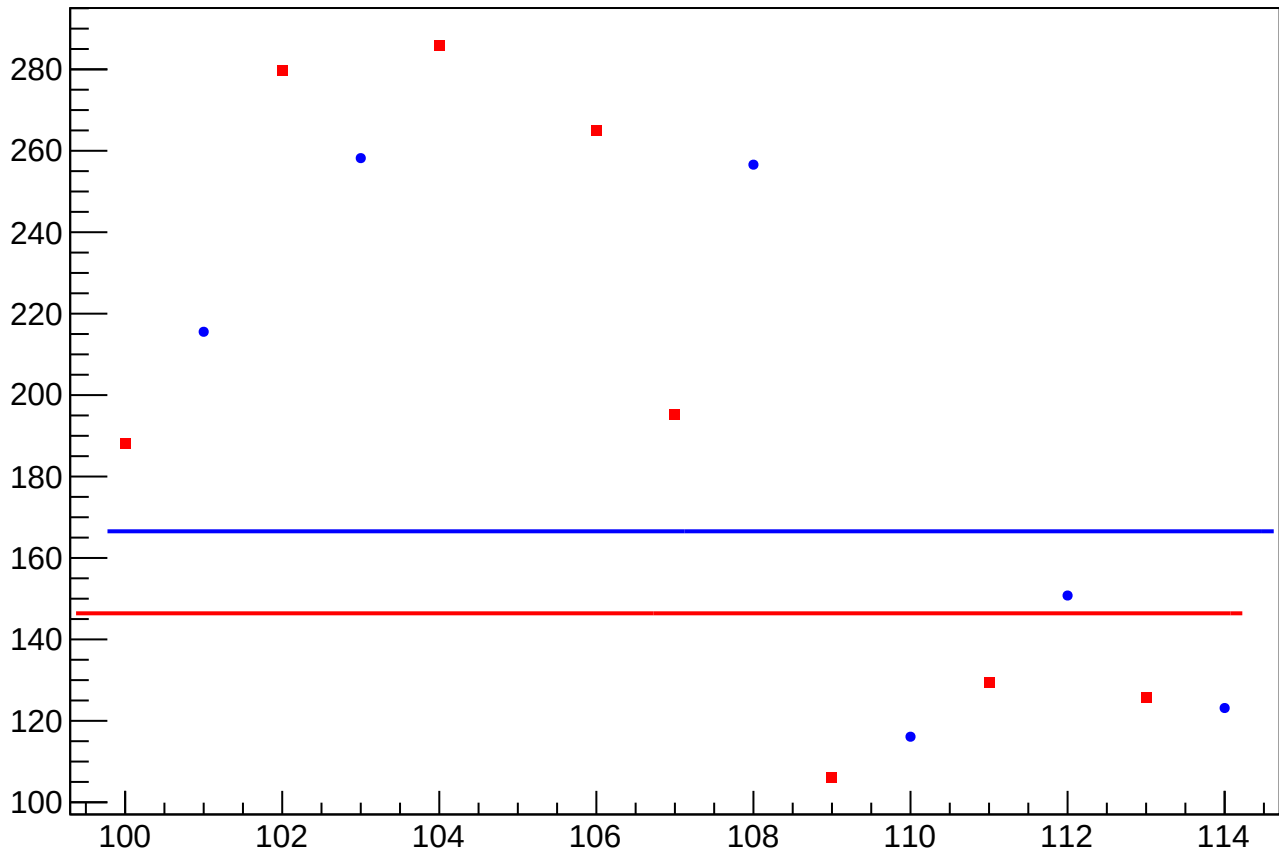
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.296+/-69.435 χ^2/NDF : 11.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 166.549 $\pm$ 0.077 χ^2 /NDF: 484559.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.407 $\pm$ 0.064 χ^2 /NDF: 854143.4/7

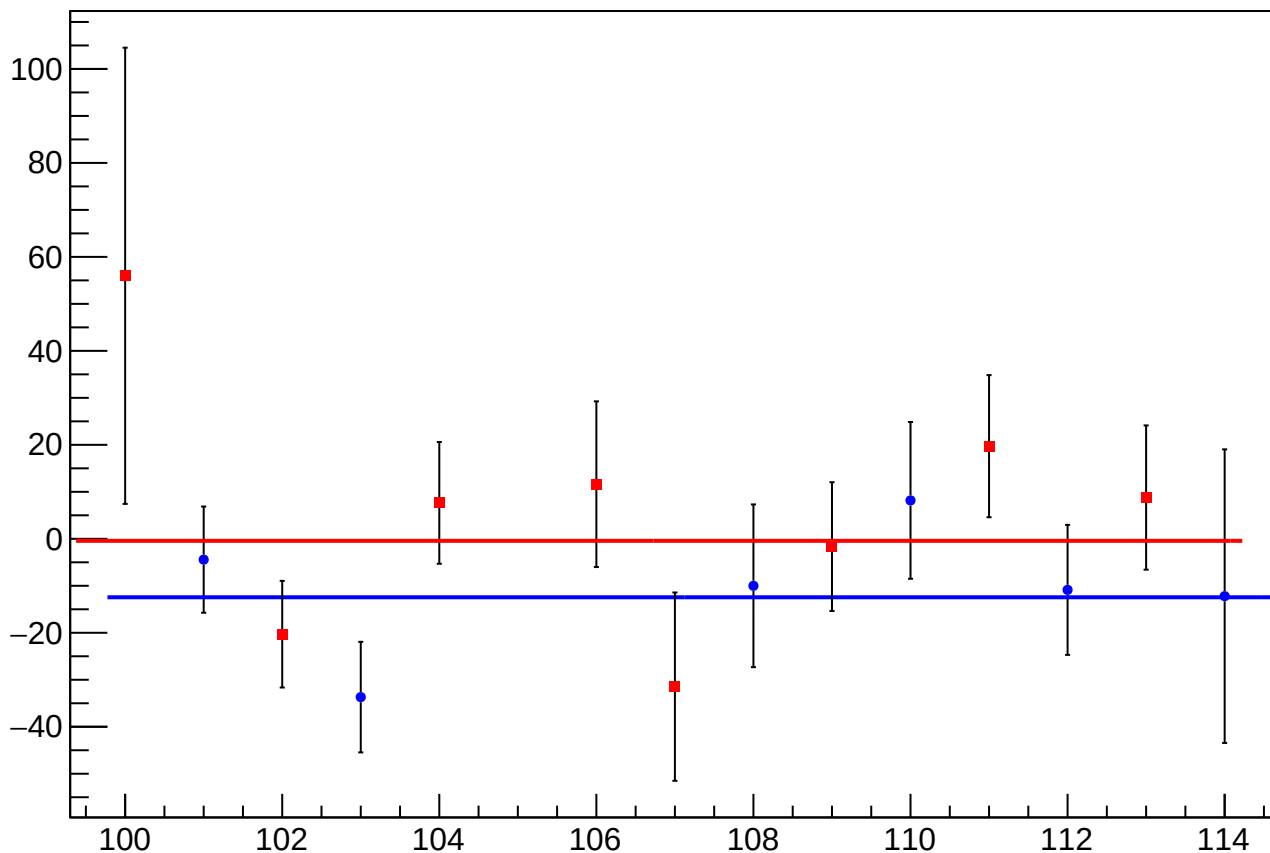
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.537 $\pm$ 0.049 χ^2 /NDF: 1379215.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -12.443 $\pm$ 5.952 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.431 $\pm$ 5.440 χ^2 /NDF: 9.8/7

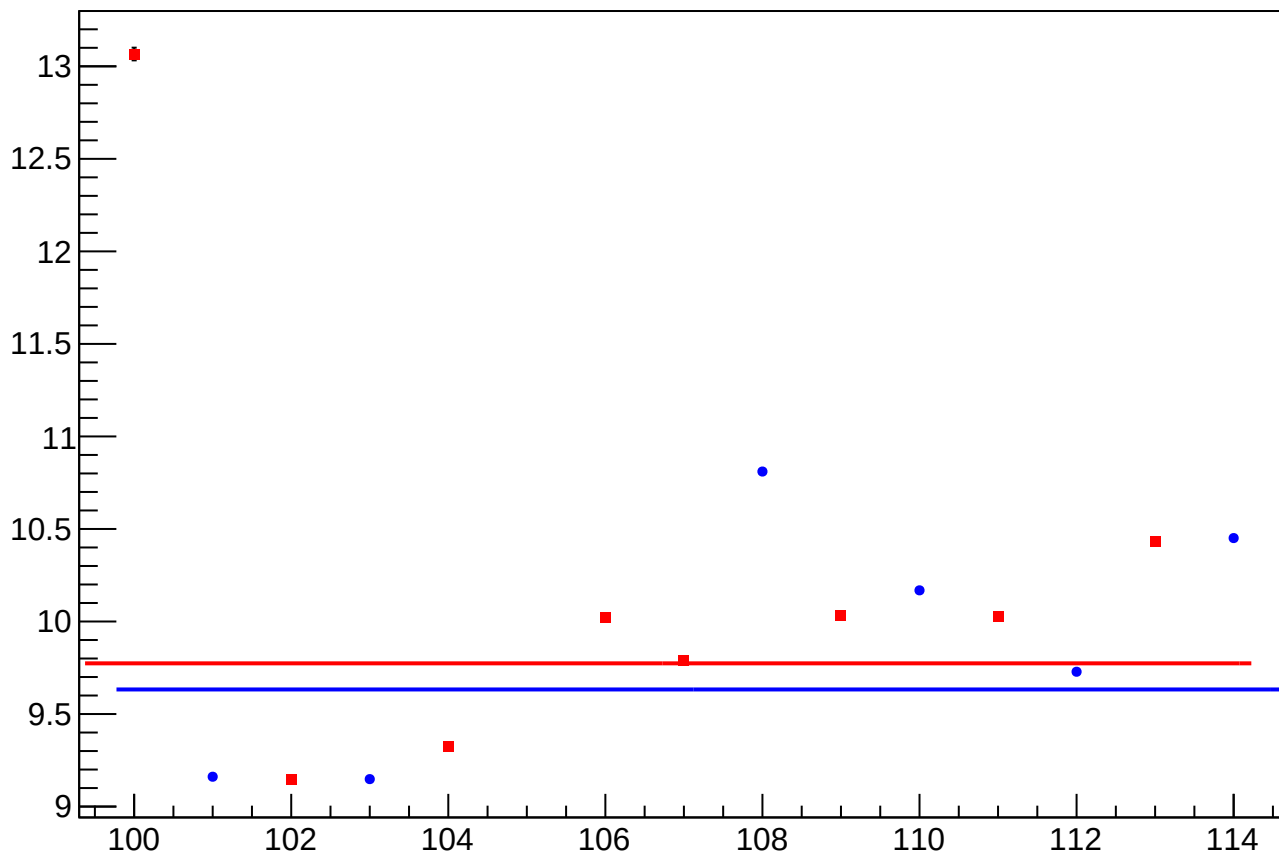
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.898 $\pm$ 4.015 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 9.633 $\pm$ 0.004 χ^2 /NDF: 19645.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.774 $\pm$ 0.004 χ^2 /NDF: 23054.8/7

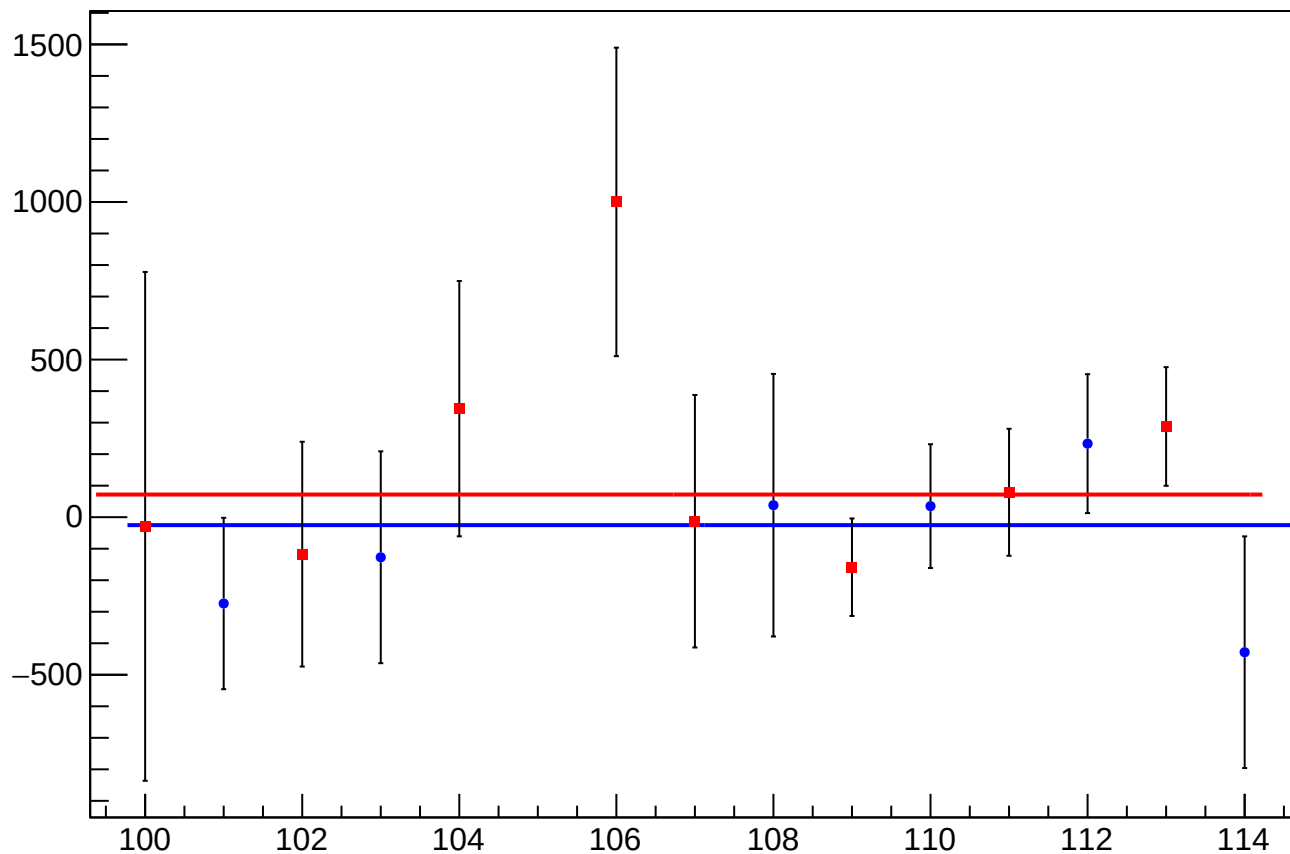
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.710 $\pm$ 0.003 χ^2 /NDF: 43313.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -25.246+/-110.380 χ^2/NDF : 3.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.855+/-91.072 χ^2/NDF : 7.9/7

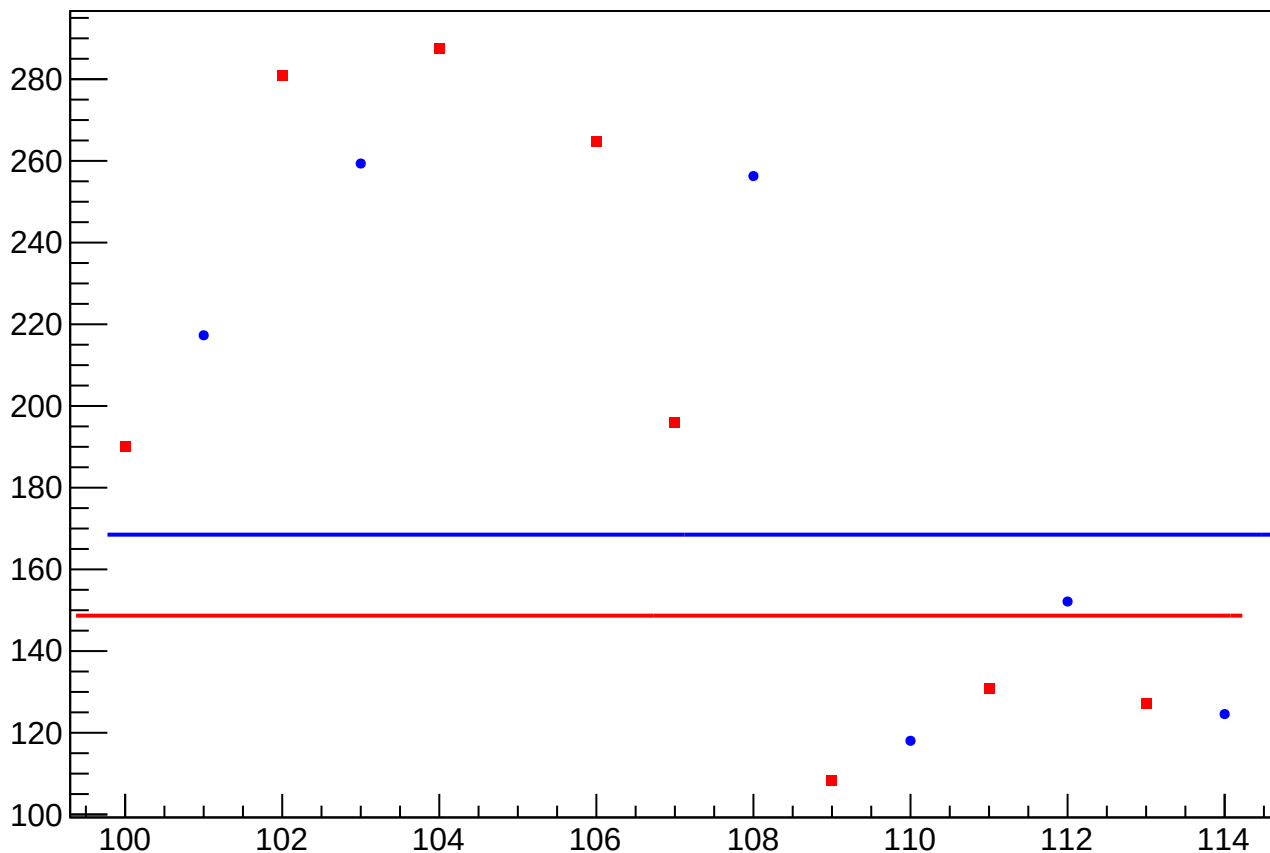
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.526+/-70.248 χ^2/NDF : 12.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 168.502 $\pm$ 0.078 χ^2 /NDF: 471180.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.675 $\pm$ 0.064 χ^2 /NDF: 832666.8/7

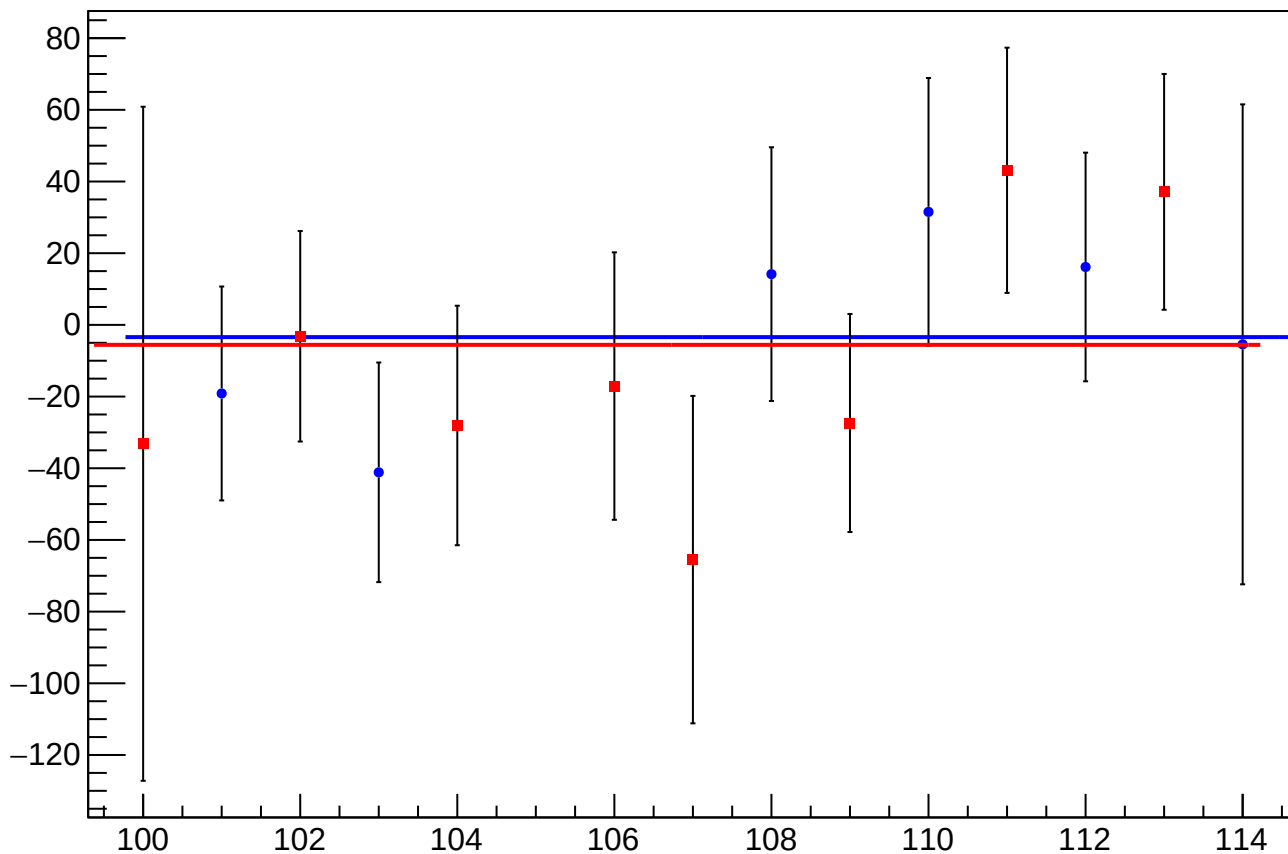
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.706 $\pm$ 0.050 χ^2 /NDF: 1342242.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.414+/-14.273 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.568+/-12.674 χ^2/NDF : 6.6/7

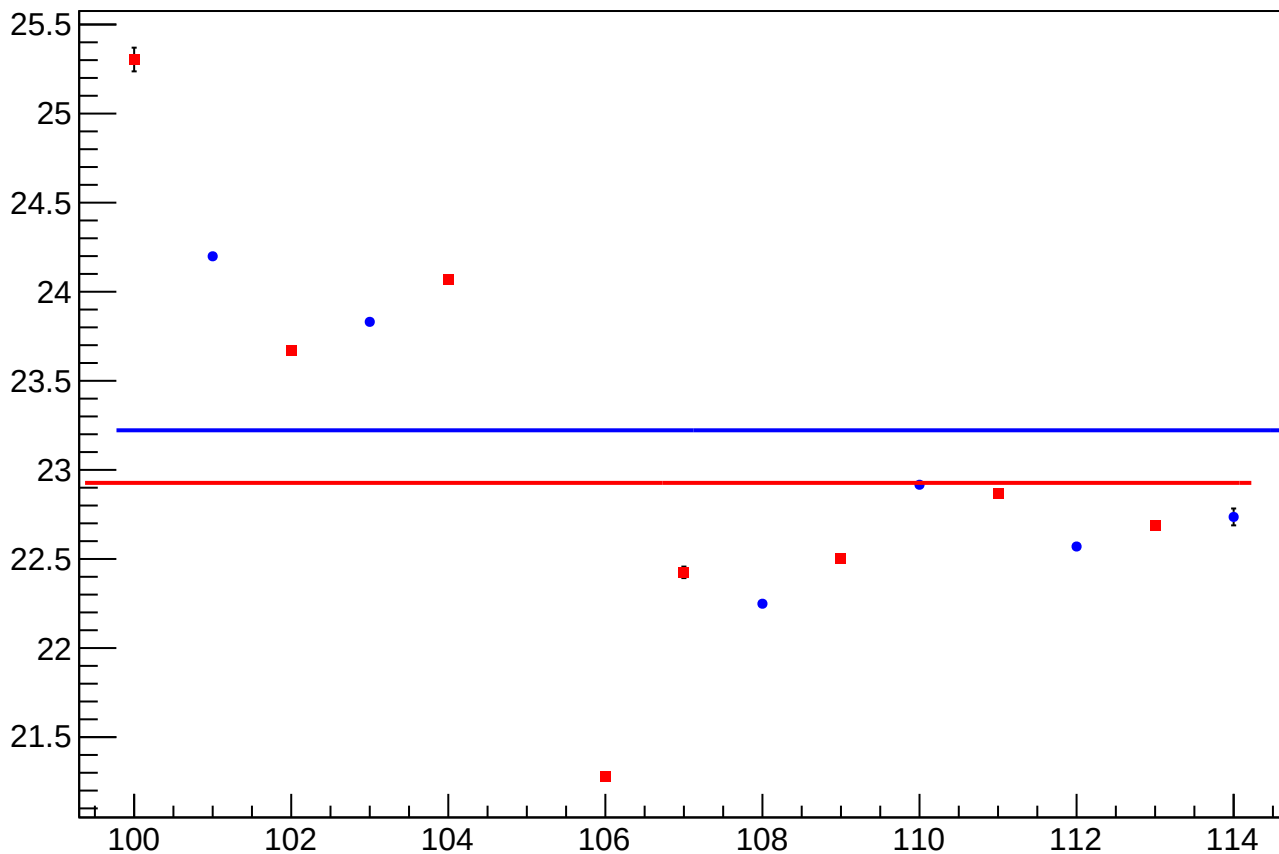
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.618+/-9.477 χ^2/NDF : 9.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 23.222 $\pm$ 0.010 χ^2 /NDF: 5520.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.927 $\pm$ 0.009 χ^2 /NDF: 9521.5/7

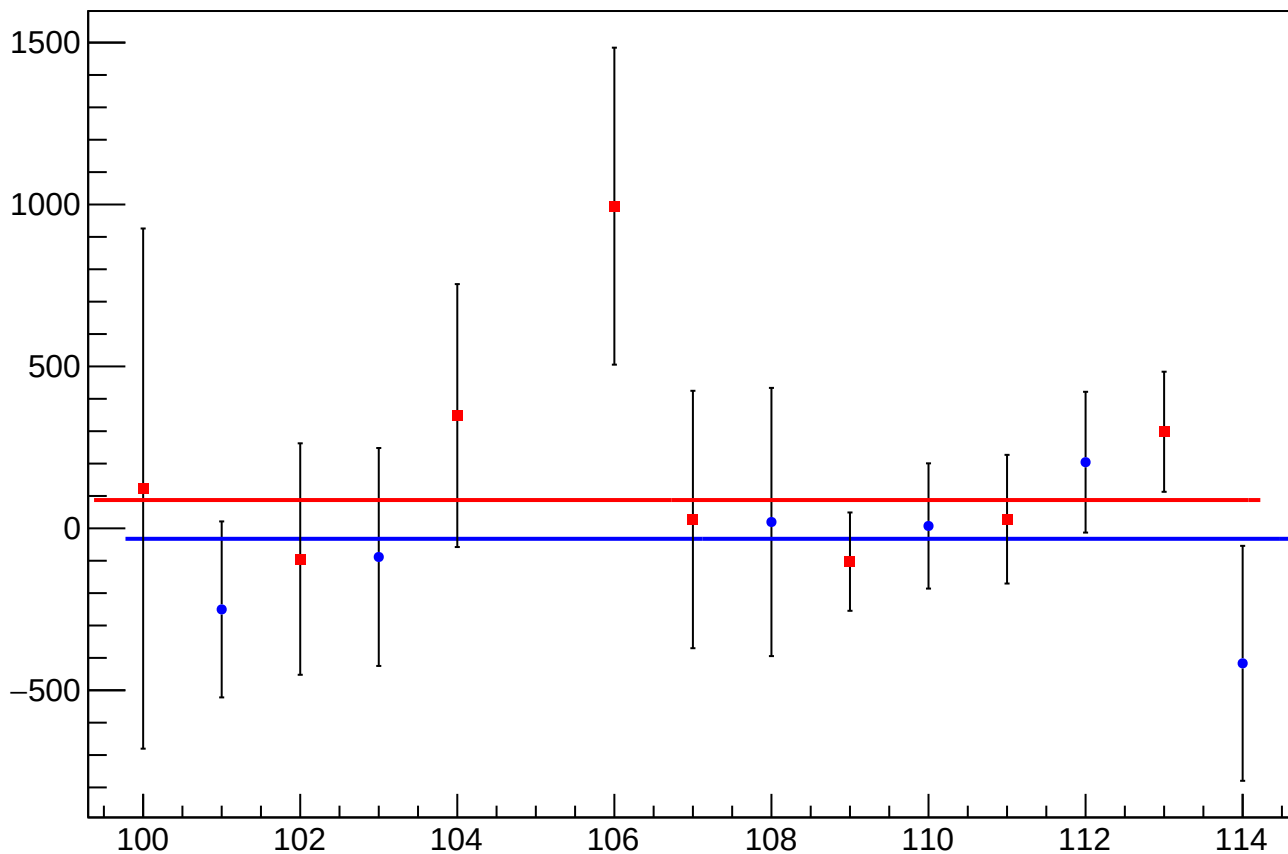
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.057 $\pm$ 0.007 χ^2 /NDF: 15519.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: -32.278 $\pm$ 109.294 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.426 $\pm$ 89.890 χ^2 /NDF: 7.1/7

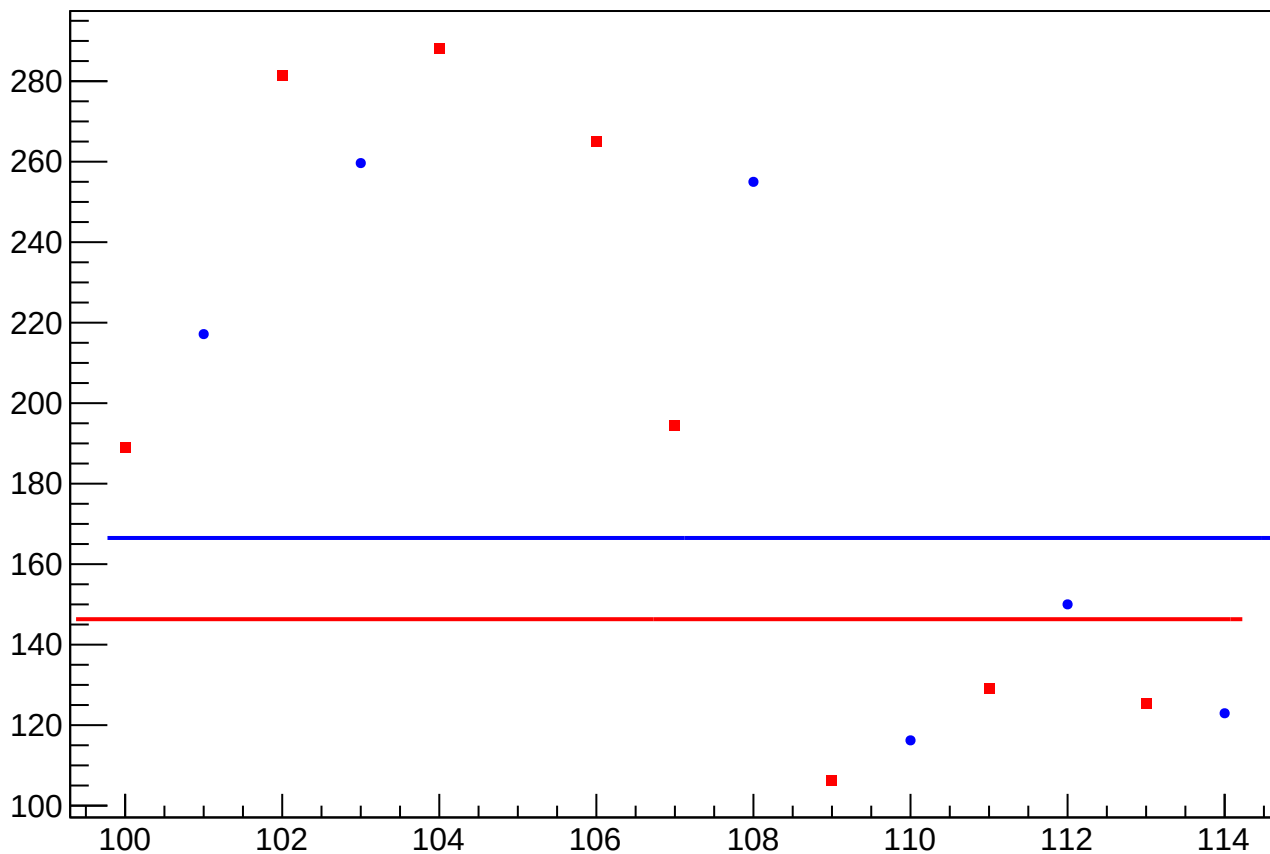
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.126 $\pm$ 69.425 χ^2 /NDF: 10.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 166.506 $\pm$ 0.077 χ^2 /NDF: 489673.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.325 $\pm$ 0.064 χ^2 /NDF: 862166.6/7

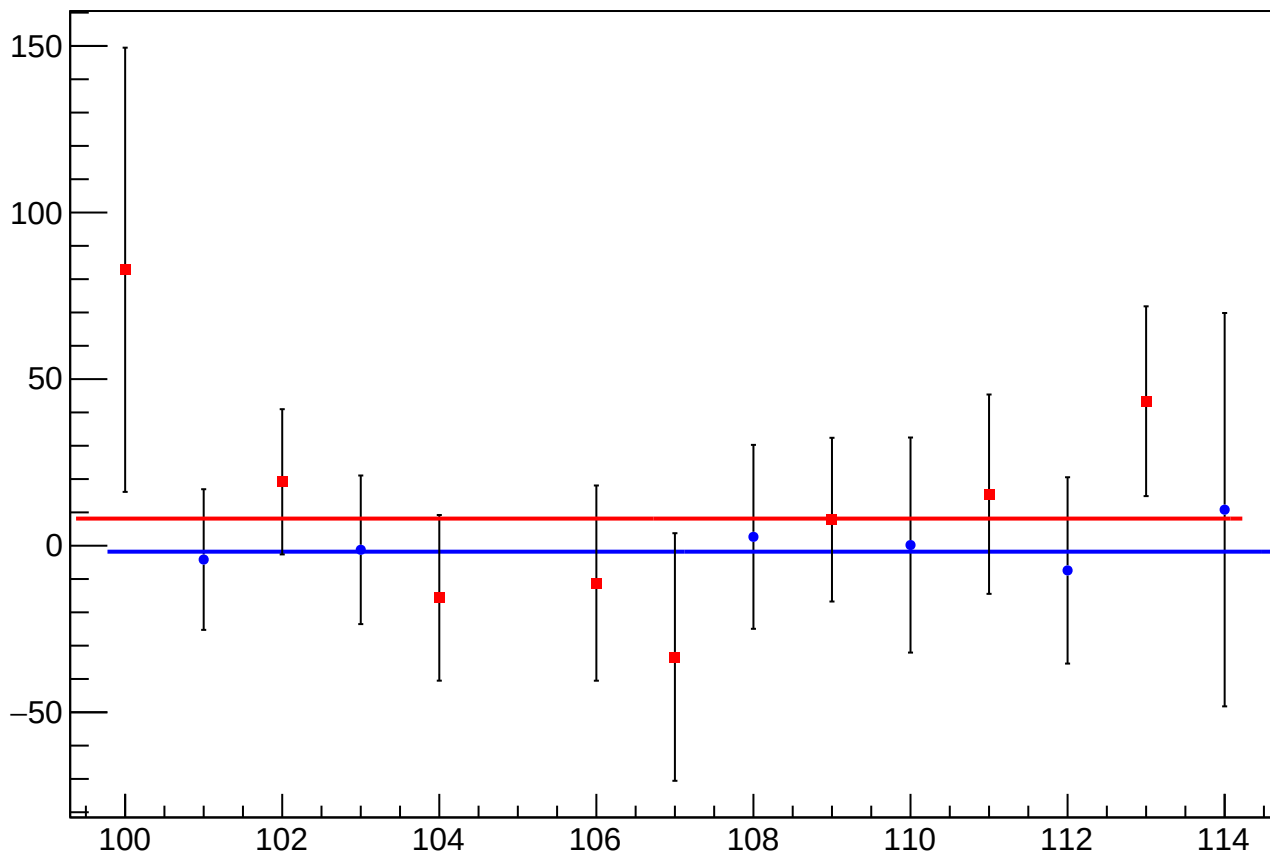
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.468 $\pm$ 0.049 χ^2 /NDF: 1392515.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -1.792 ± 11.116 χ^2/NDF : 0.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.139 ± 10.079 χ^2/NDF : 5.7/7

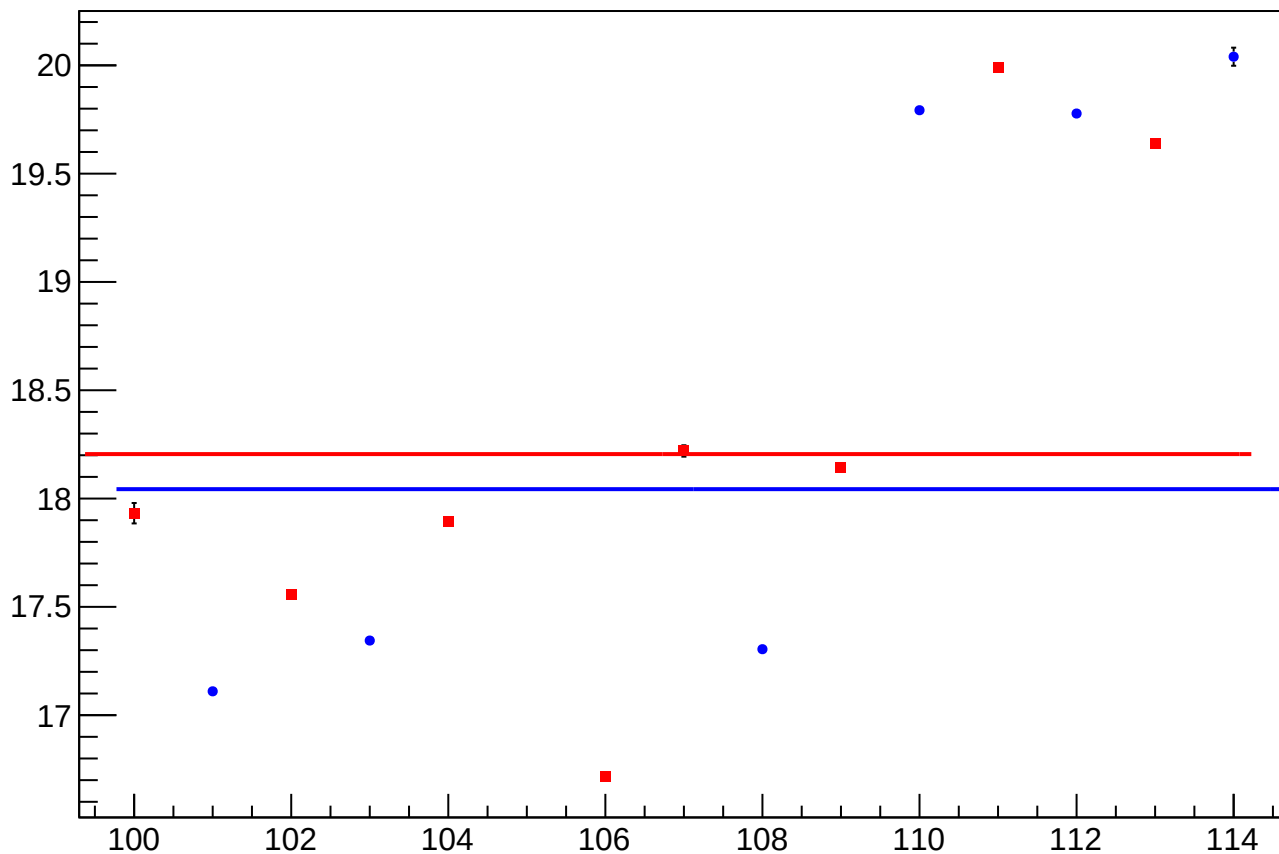
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.658 ± 7.467 χ^2/NDF : 6.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 18.043+/-0.008 χ^2/NDF : 23161.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.205+/-0.007 χ^2/NDF : 19470.3/7

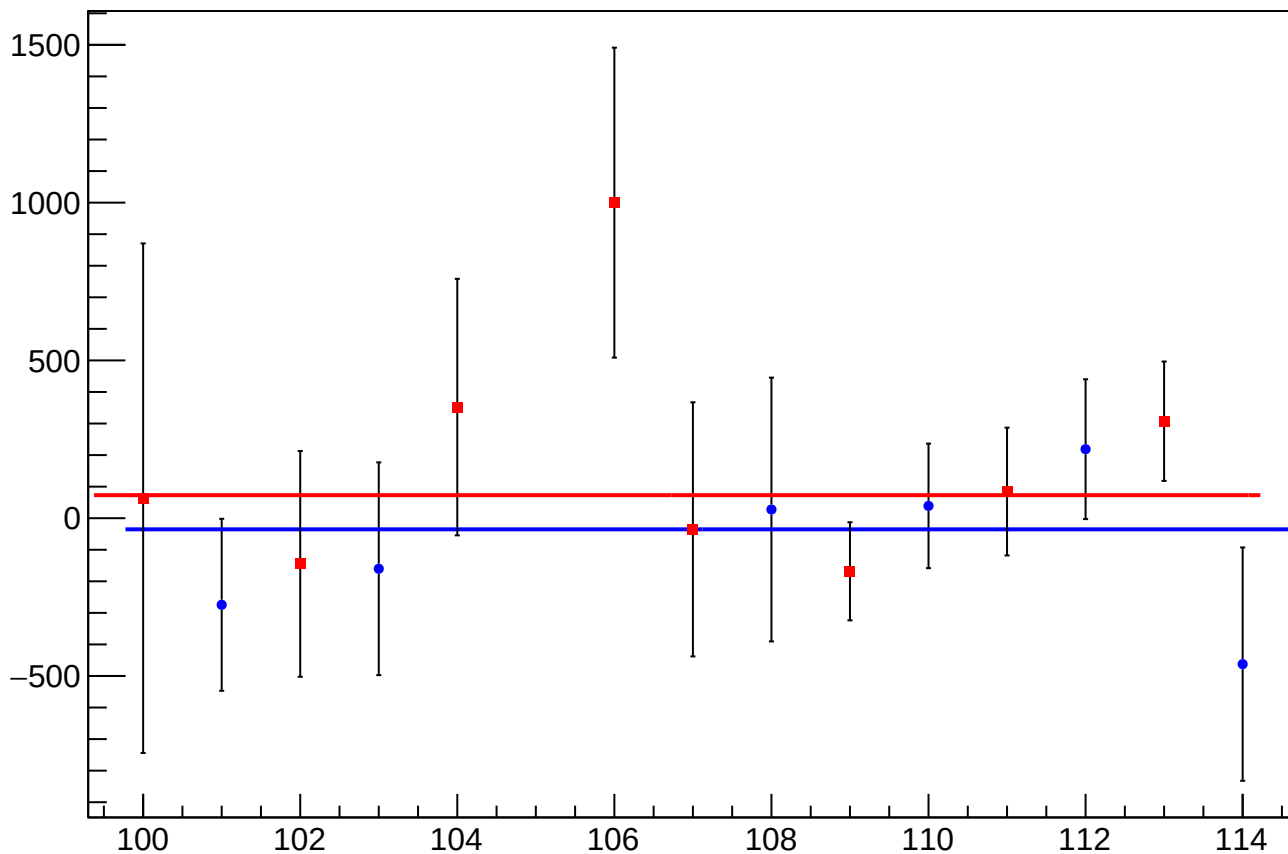
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.132+/-0.005 χ^2/NDF : 42865.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: -35.291 ± 110.875 χ^2/NDF : 3.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.973 ± 91.519 χ^2/NDF : 8.4/7

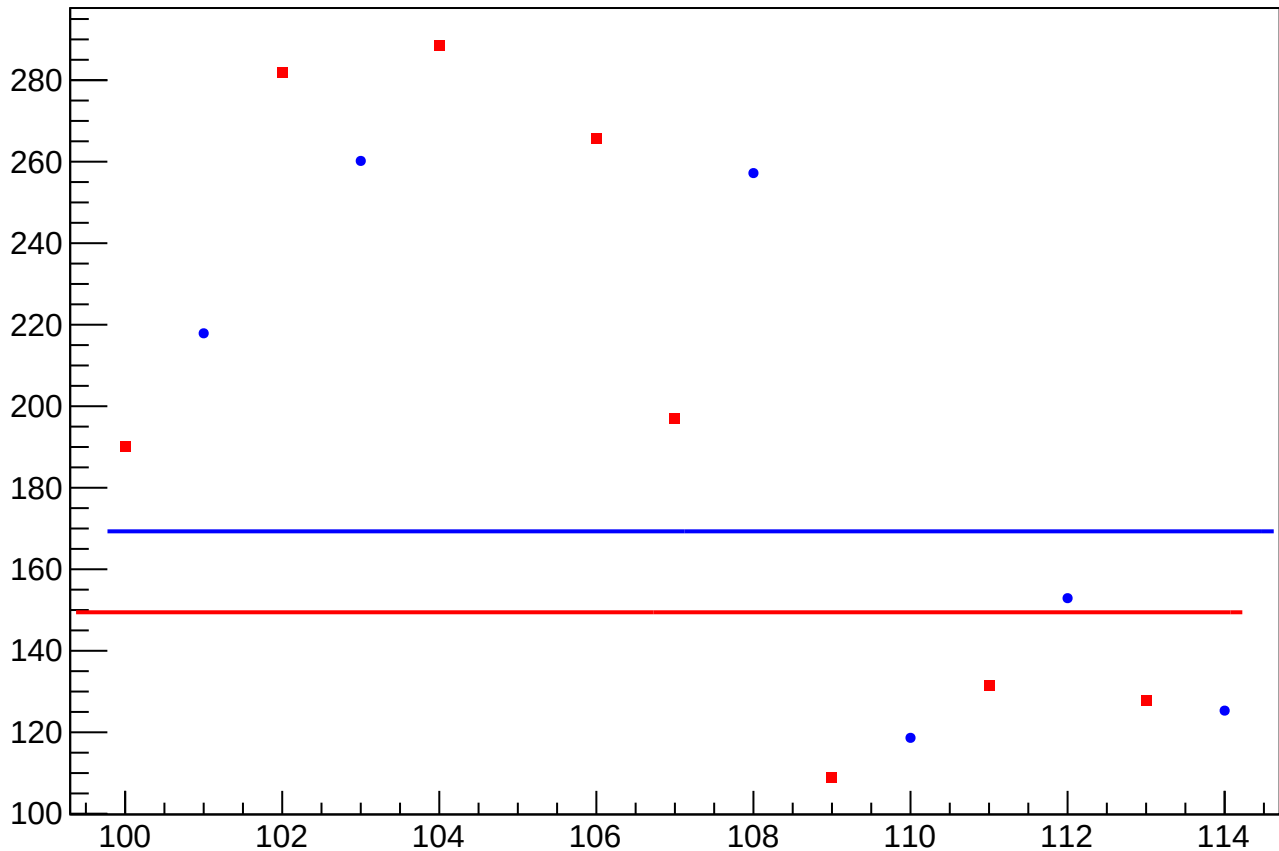
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.101 ± 70.580 χ^2/NDF : 12.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 169.307 $\pm$ 0.078 χ^2 /NDF: 468369.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.447 $\pm$ 0.065 χ^2 /NDF: 829649.7/7

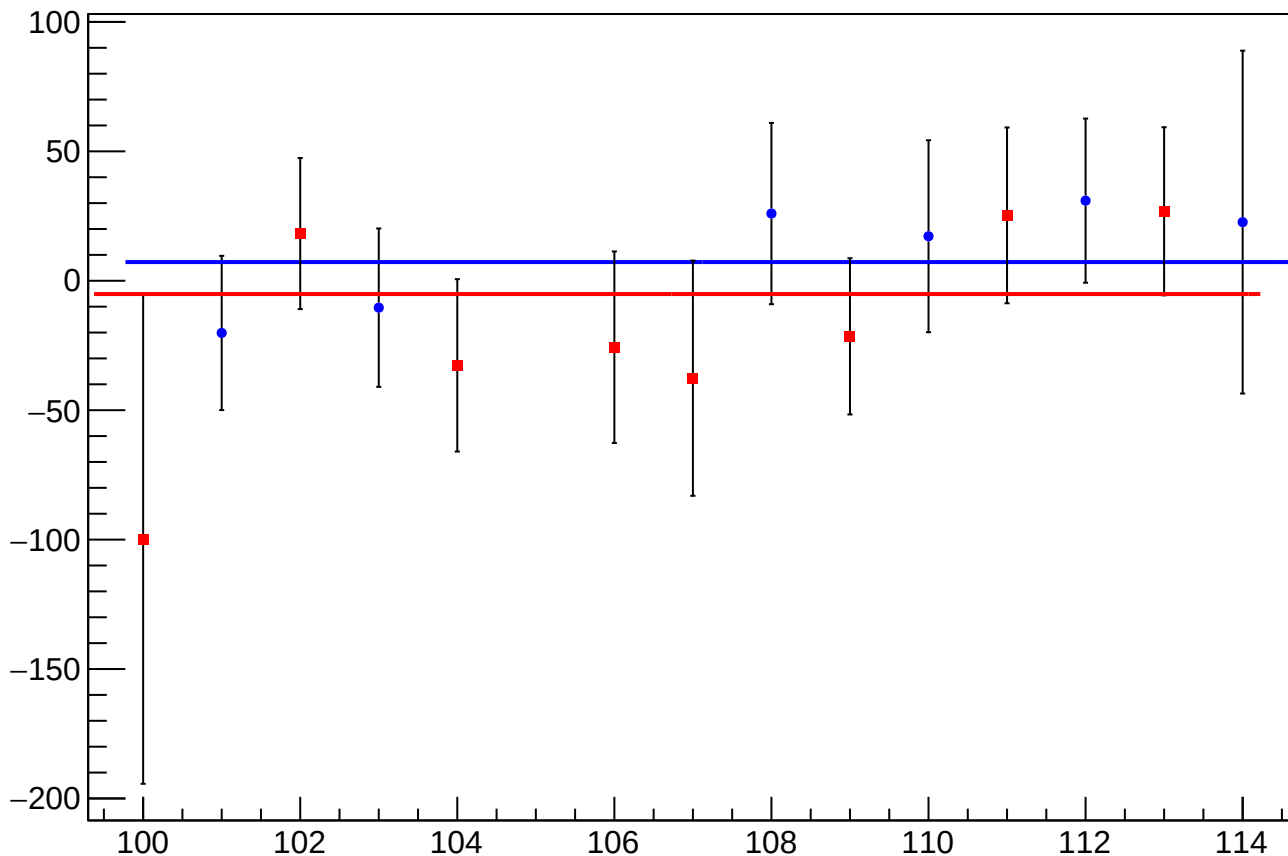
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.495 $\pm$ 0.050 χ^2 /NDF: 1336184.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 7.221 ± 14.199 χ^2/NDF : 2.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.134 ± 12.584 χ^2/NDF : 5.2/7

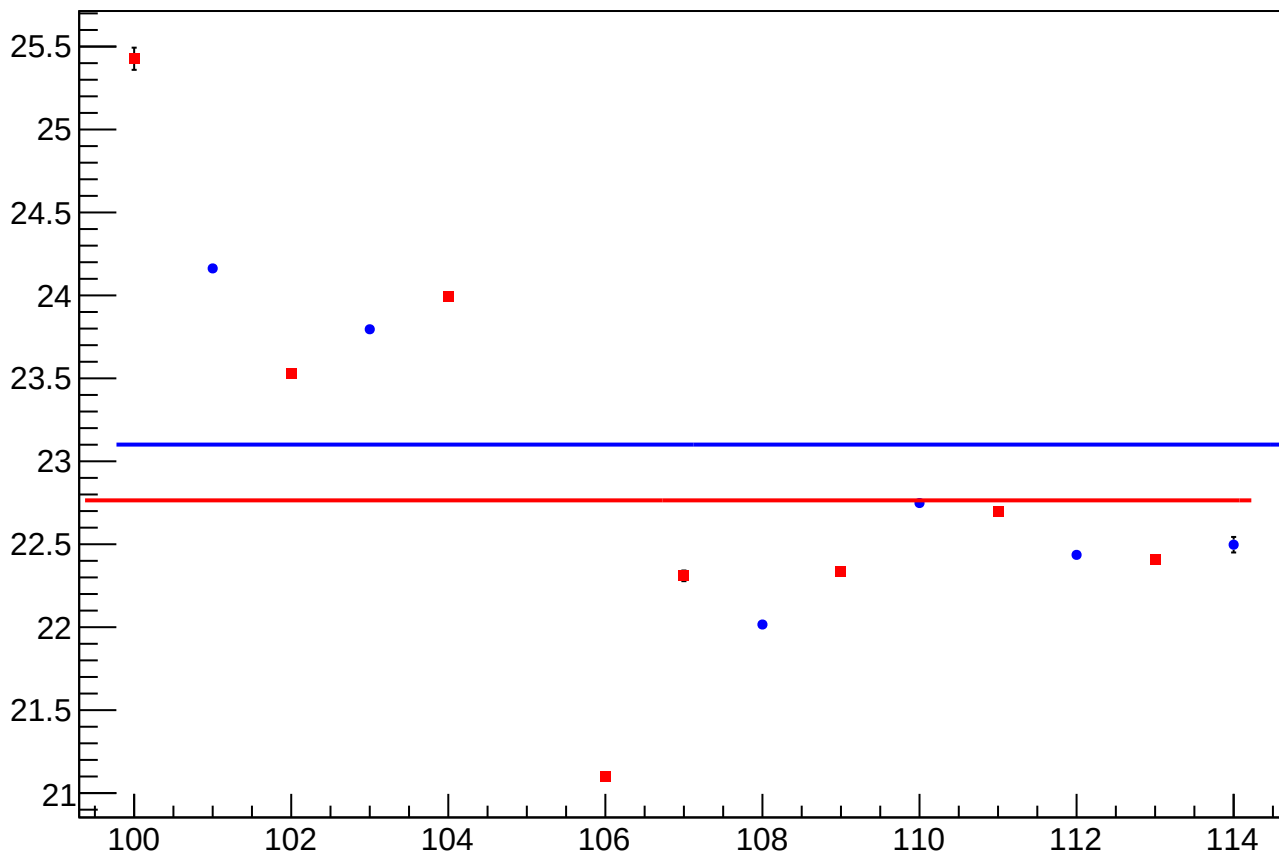
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.301 ± 9.418 χ^2/NDF : 7.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 23.101+/-0.010 χ^2/NDF : 6716.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.765+/-0.009 χ^2/NDF : 10582.6/7

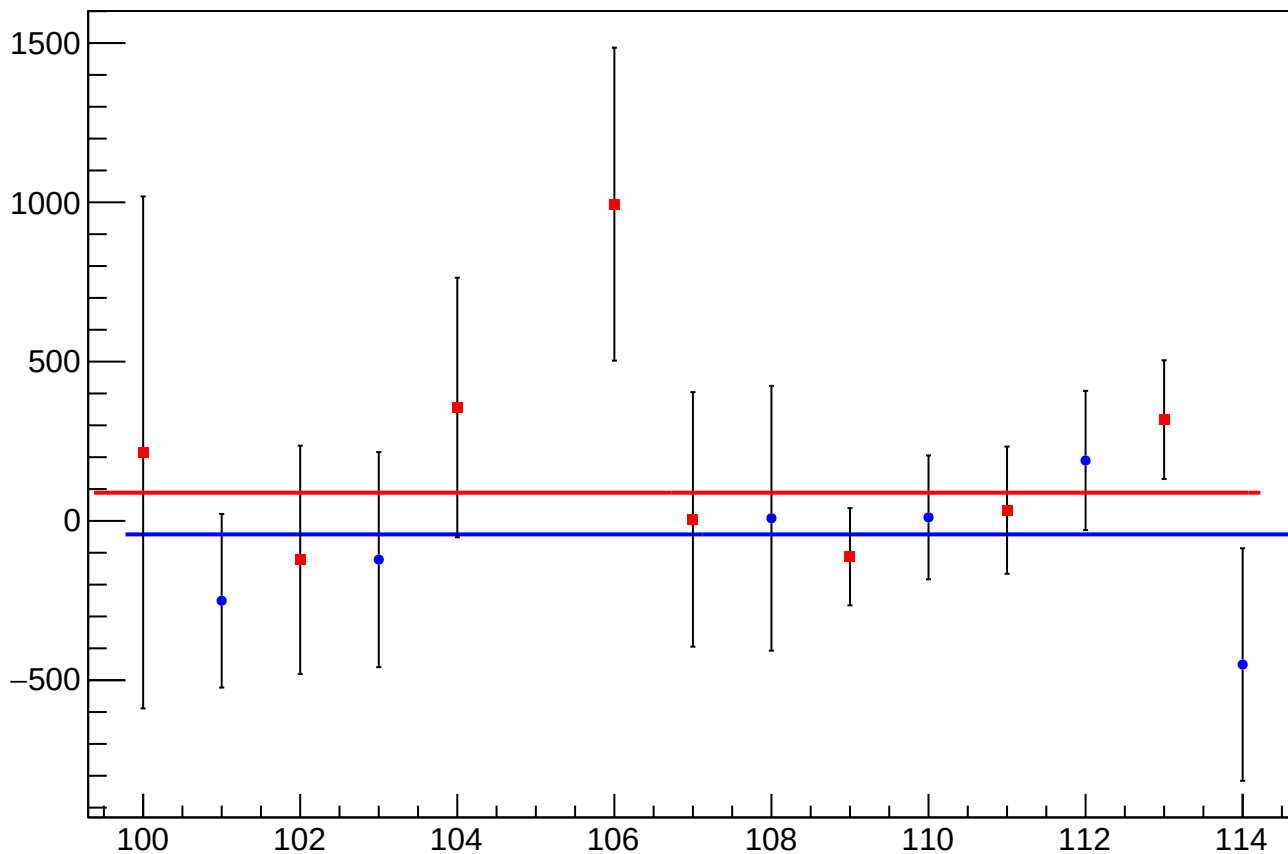
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.912+/-0.007 χ^2/NDF : 17927.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: -42.353+/-109.791 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.493+/-90.338 χ^2/NDF : 7.6/7

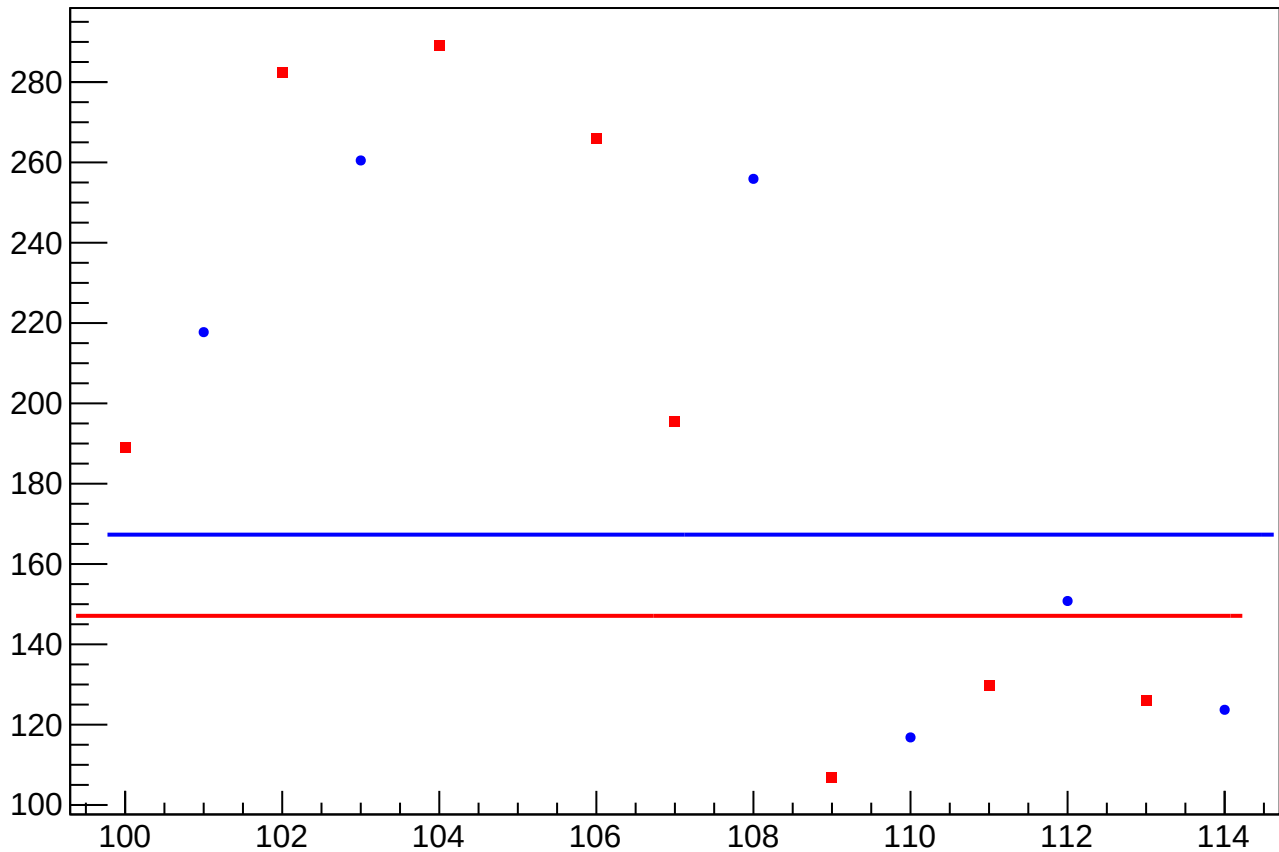
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.670+/-69.759 χ^2/NDF : 11.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 167.315 $\pm$ 0.078 χ^2 /NDF: 486697.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.100 $\pm$ 0.064 χ^2 /NDF: 858961.7/7

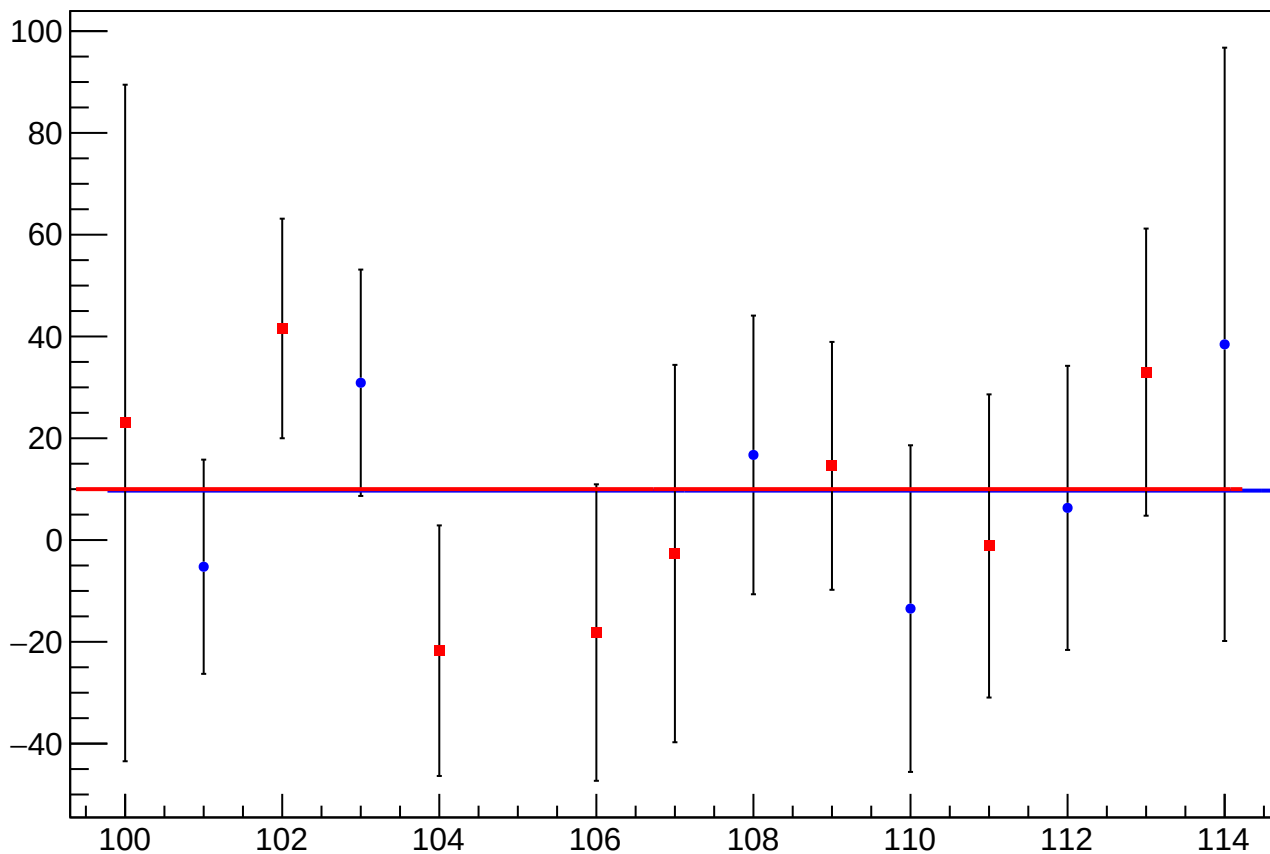
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.261 $\pm$ 0.049 χ^2 /NDF: 1386088.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 9.714 $\pm$ 11.069 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.002 $\pm$ 9.999 χ^2 /NDF: 5.7/7

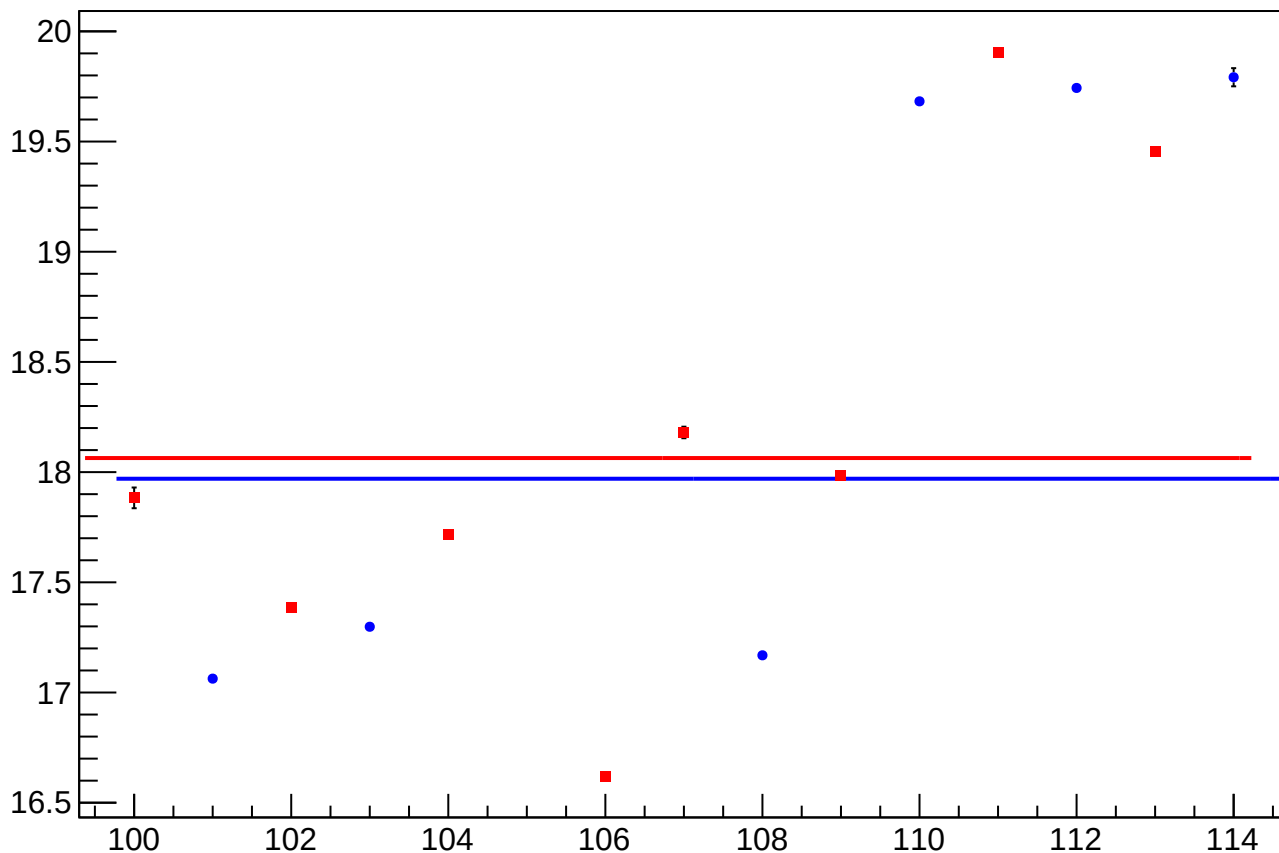
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.873 $\pm$ 7.420 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.970 $\pm$ 0.008 χ^2 /NDF: 22971.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.064 $\pm$ 0.007 χ^2 /NDF: 19861.9/7

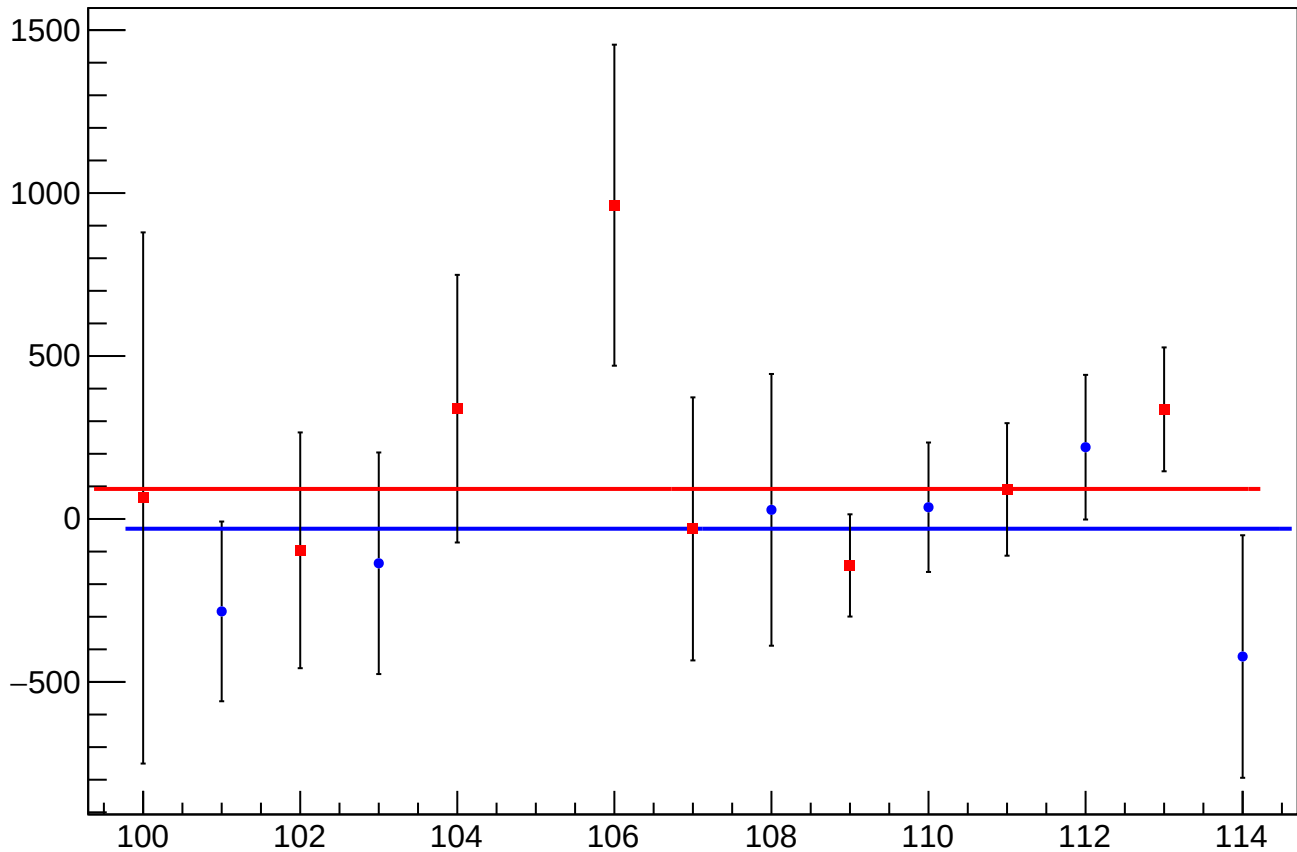
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.022 $\pm$ 0.005 χ^2 /NDF: 42912.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -29.906 ± 111.488 χ^2/NDF : 3.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 92.201 ± 92.111 χ^2/NDF : 7.7/7

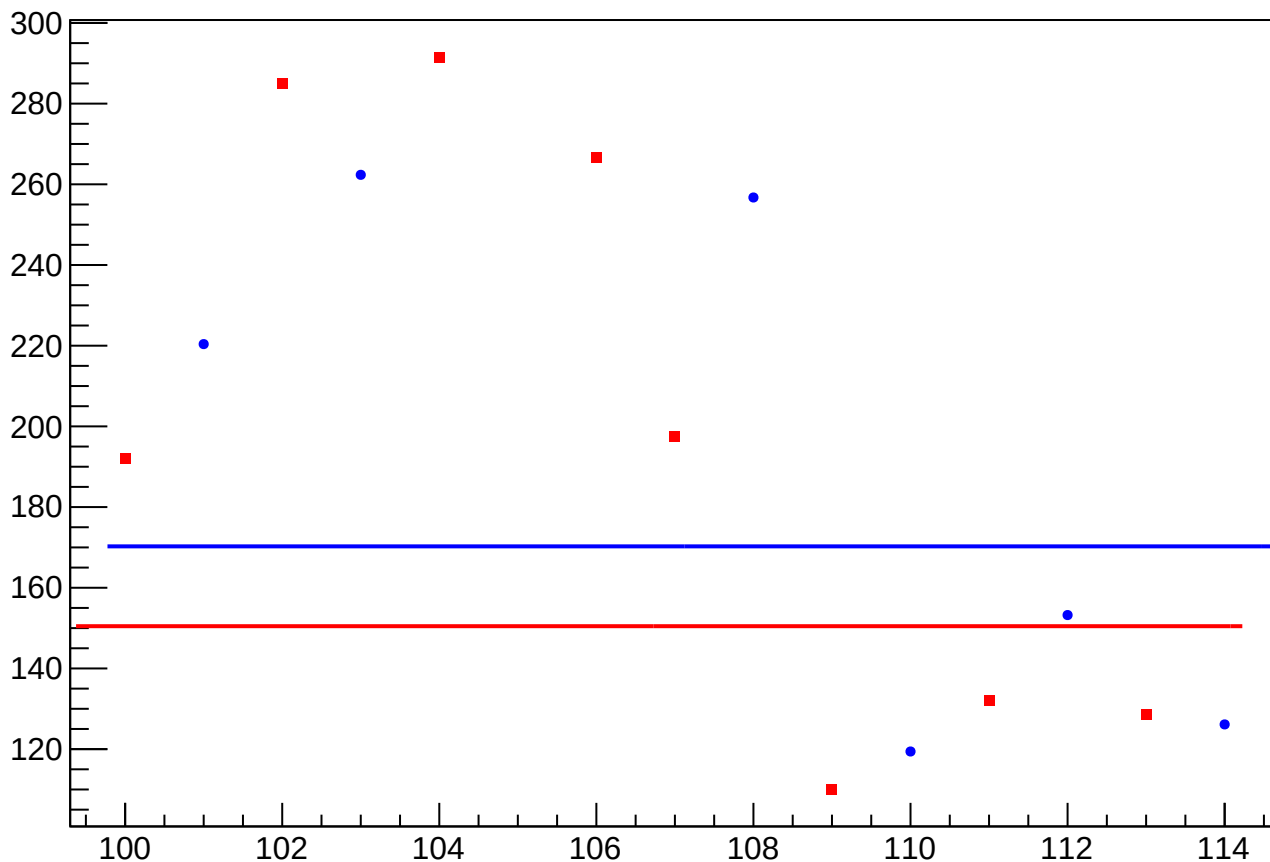
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 42.665 ± 71.010 χ^2/NDF : 11.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 170.261 $\pm$ 0.079 χ^2 /NDF: 469982.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.474 $\pm$ 0.065 χ^2 /NDF: 831242.7/7

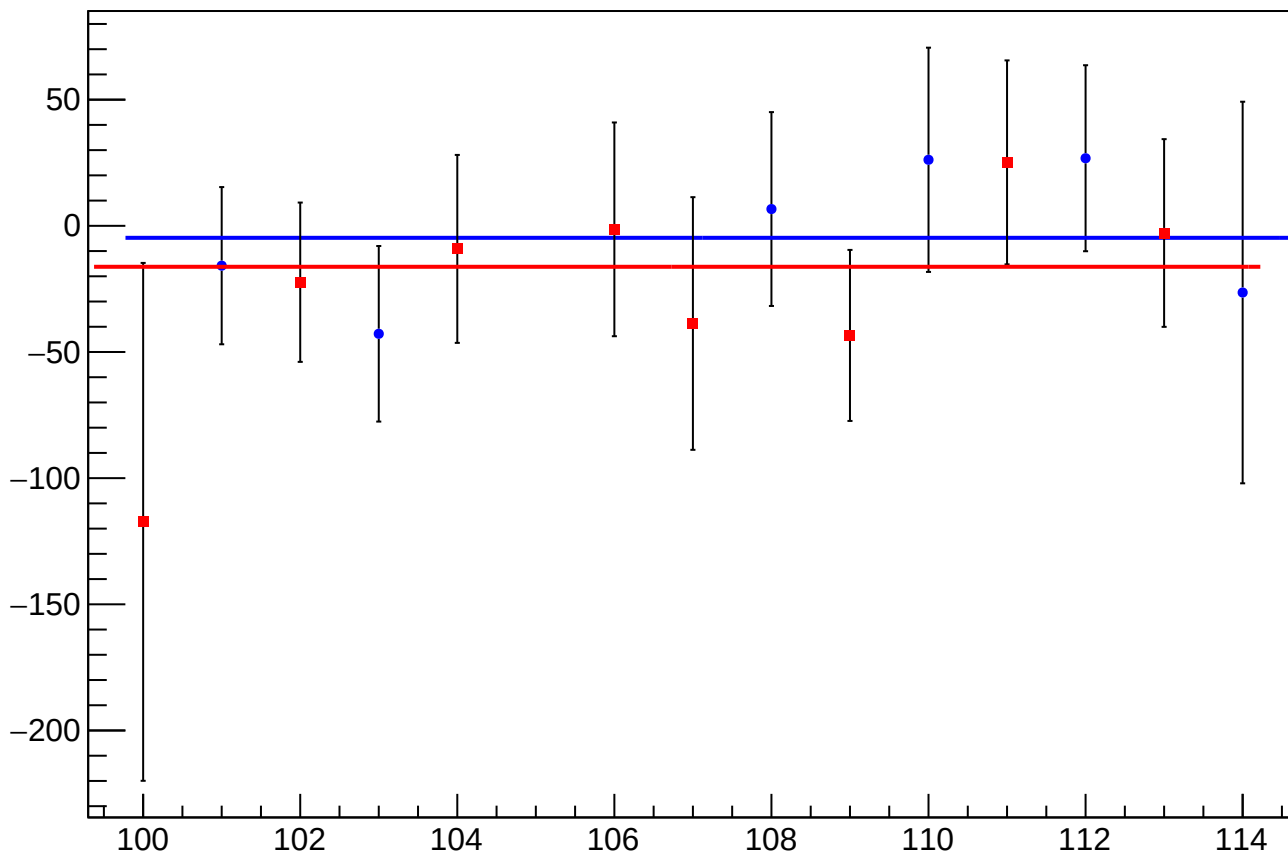
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.501 $\pm$ 0.050 χ^2 /NDF: 1338666.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -4.750+/-15.907 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.231+/-14.168 χ^2/NDF : 3.2/7

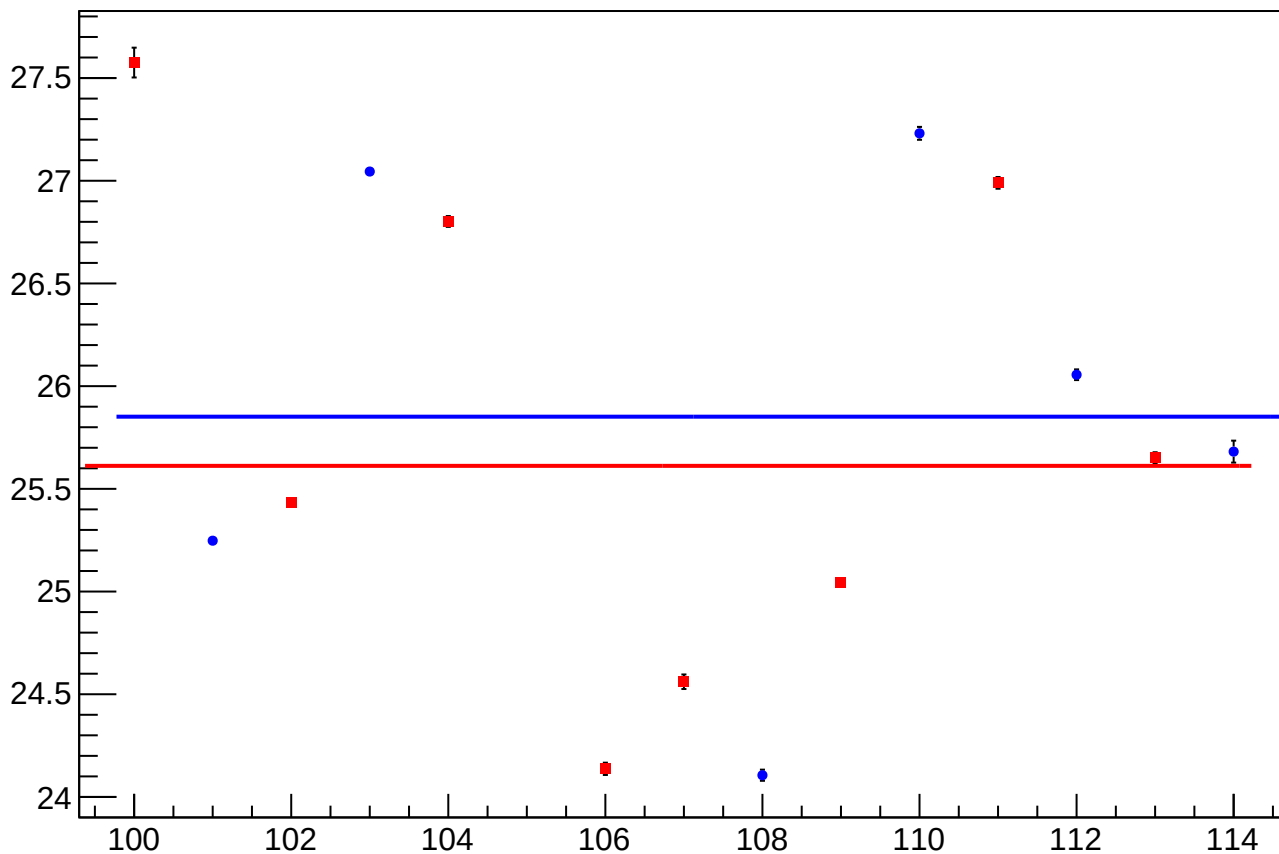
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.152+/-10.580 χ^2/NDF : 6.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.851+/-0.011 χ^2/NDF : 9234.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.612+/-0.010 χ^2/NDF : 9035.3/7

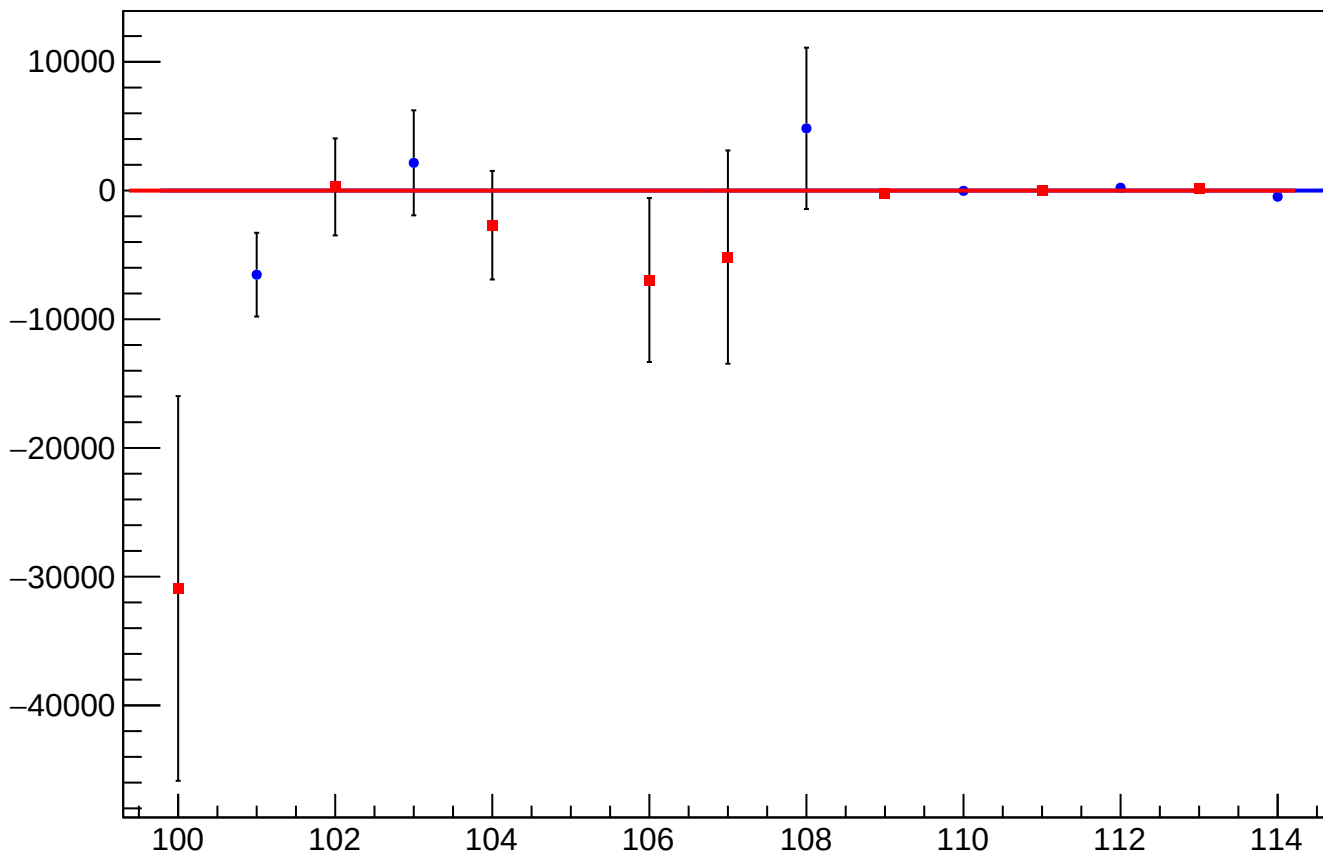
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.718+/-0.007 χ^2/NDF : 18522.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: -1.182+/-134.813 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.977+/-114.158 χ^2/NDF : 7.9/7

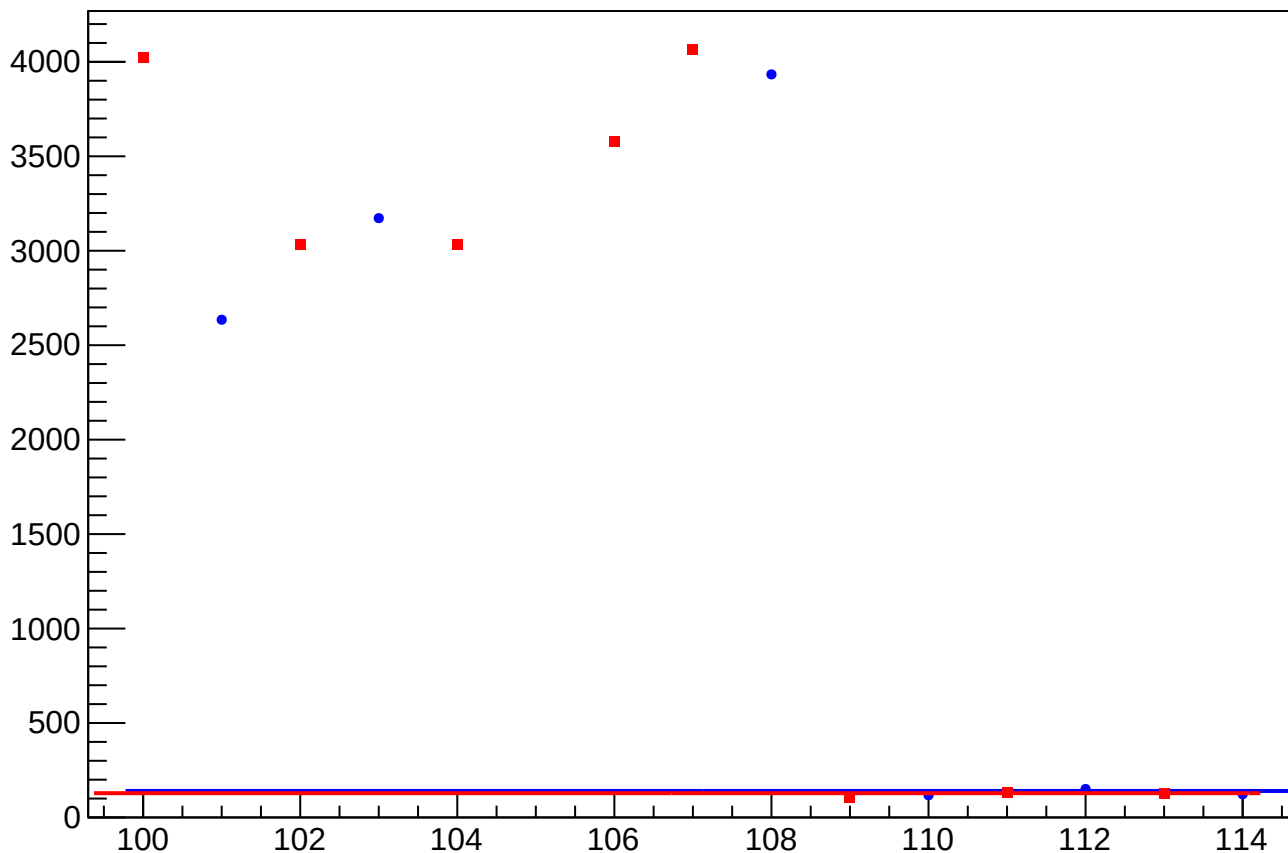
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.810+/-87.119 χ^2/NDF : 15.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 140.275+/-0.095 χ^2/NDF : 3049721.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.497+/-0.081 χ^2/NDF : 3334008.0/7

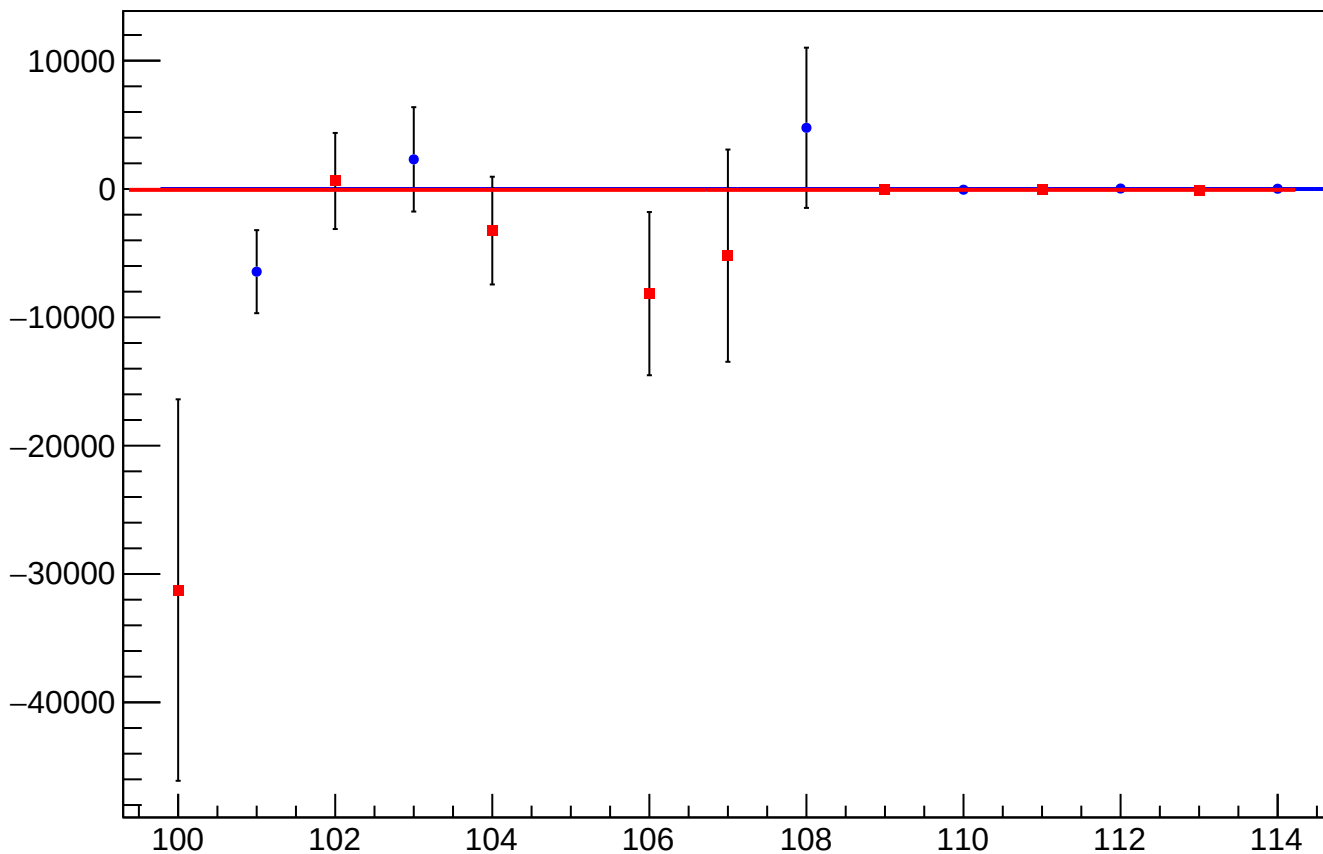
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.415+/-0.062 χ^2/NDF : 6392620.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -0.250 ± 26.777 χ^2/NDF : 7.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.979 ± 24.459 χ^2/NDF : 9.5/7

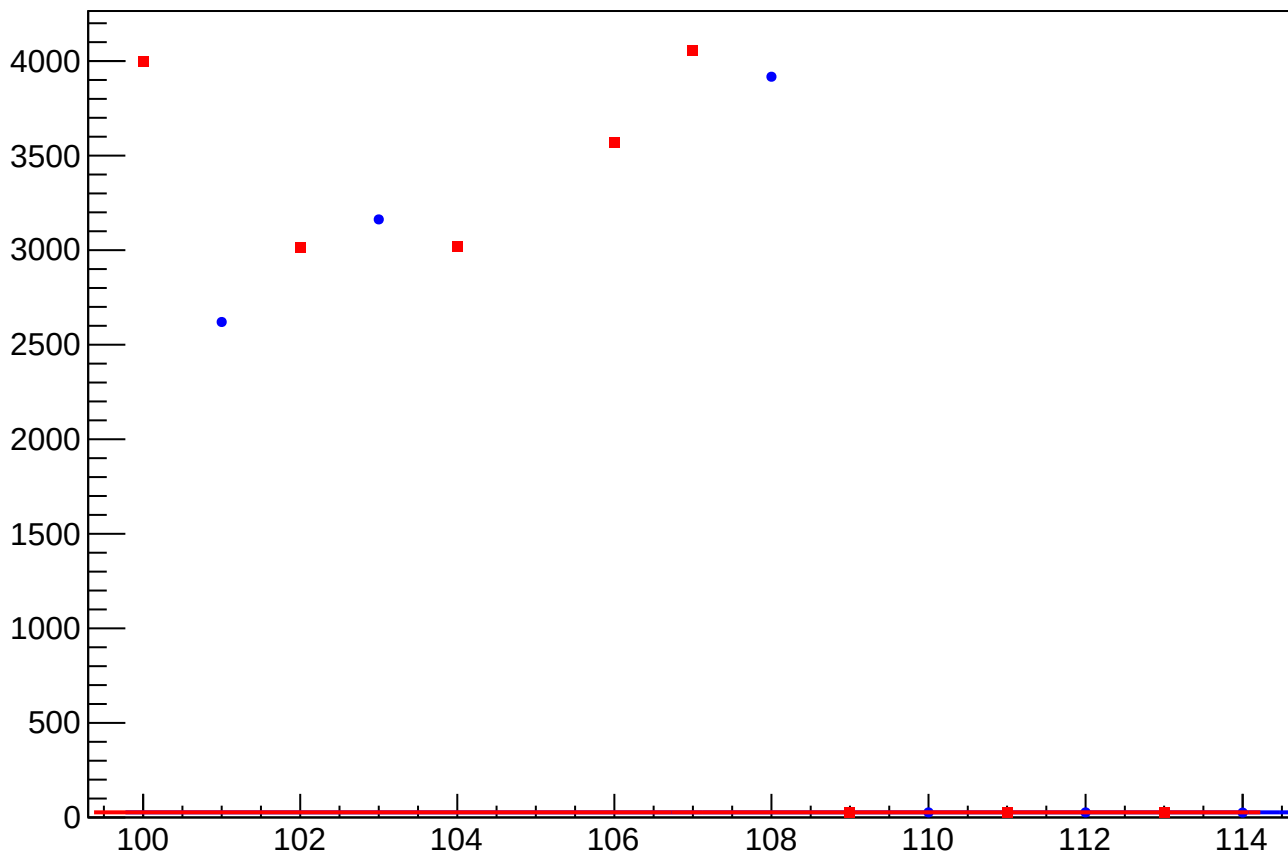
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.628 ± 18.059 χ^2/NDF : 20.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.033+/-0.019 χ^2/NDF : 3251386.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.046+/-0.017 χ^2/NDF : 3531597.2/7

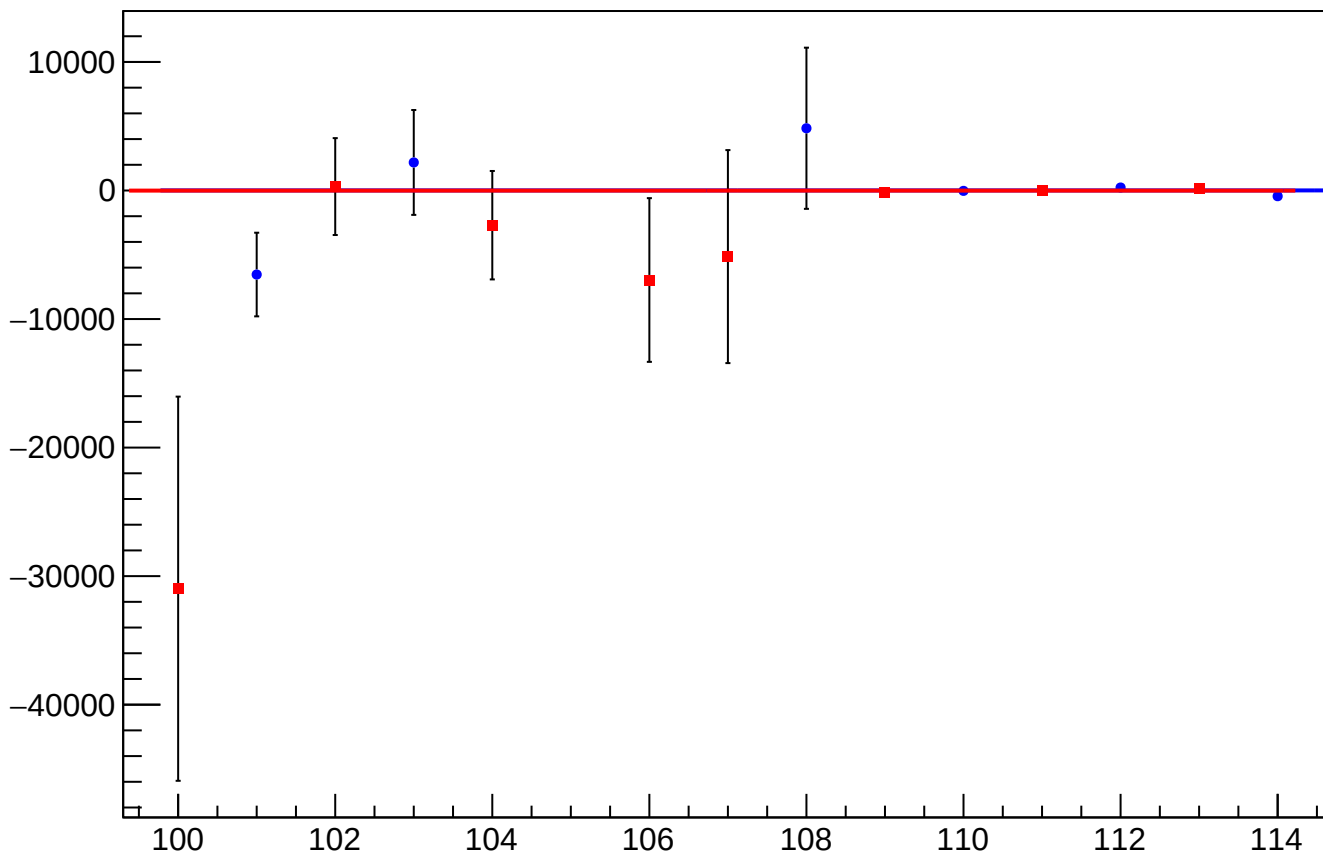
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.040+/-0.013 χ^2/NDF : 6782983.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 7.172+/-134.108 χ^2/NDF : 7.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.868+/-113.551 χ^2/NDF : 7.6/7

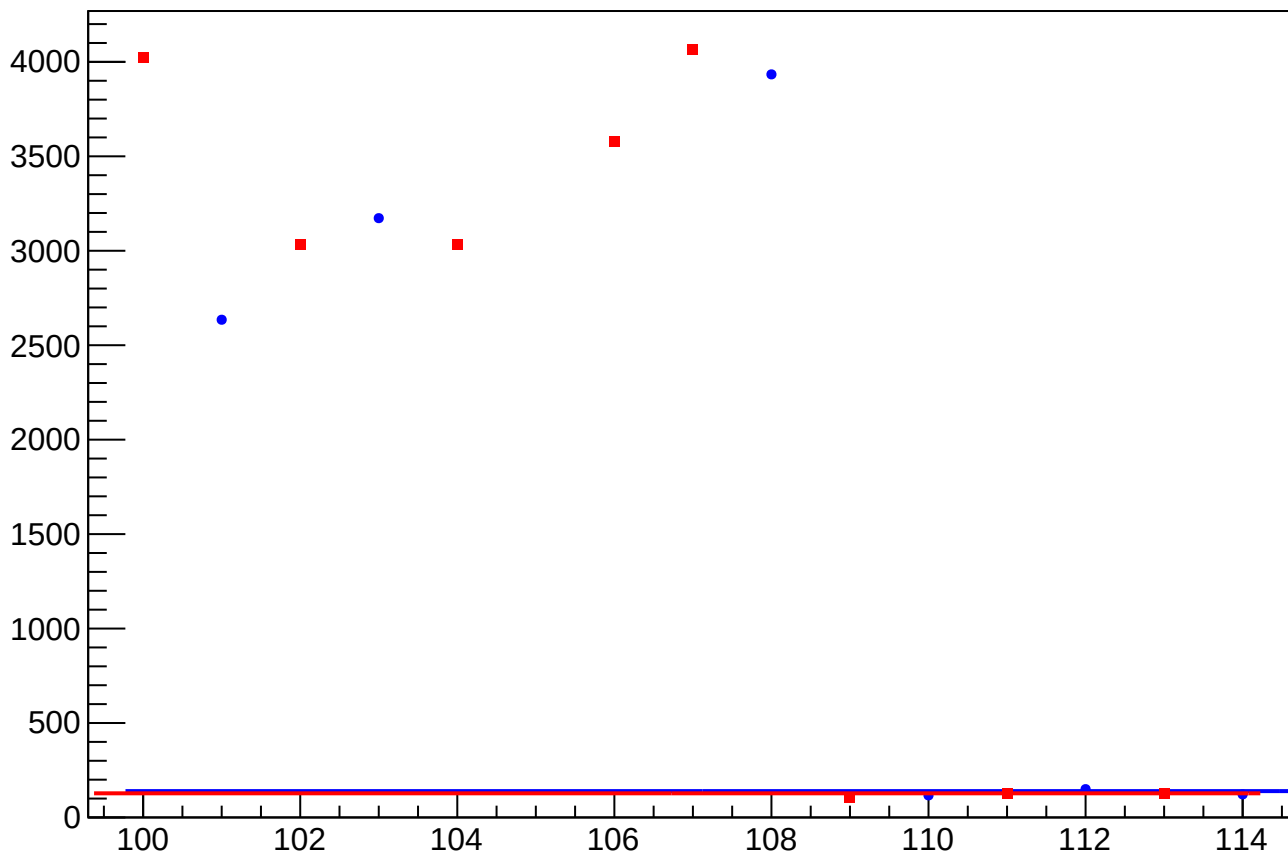
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.588+/-86.659 χ^2/NDF : 15.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 139.491 $\pm$ 0.095 χ^2 /NDF: 3051268.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.765 $\pm$ 0.080 χ^2 /NDF: 3335604.5/7

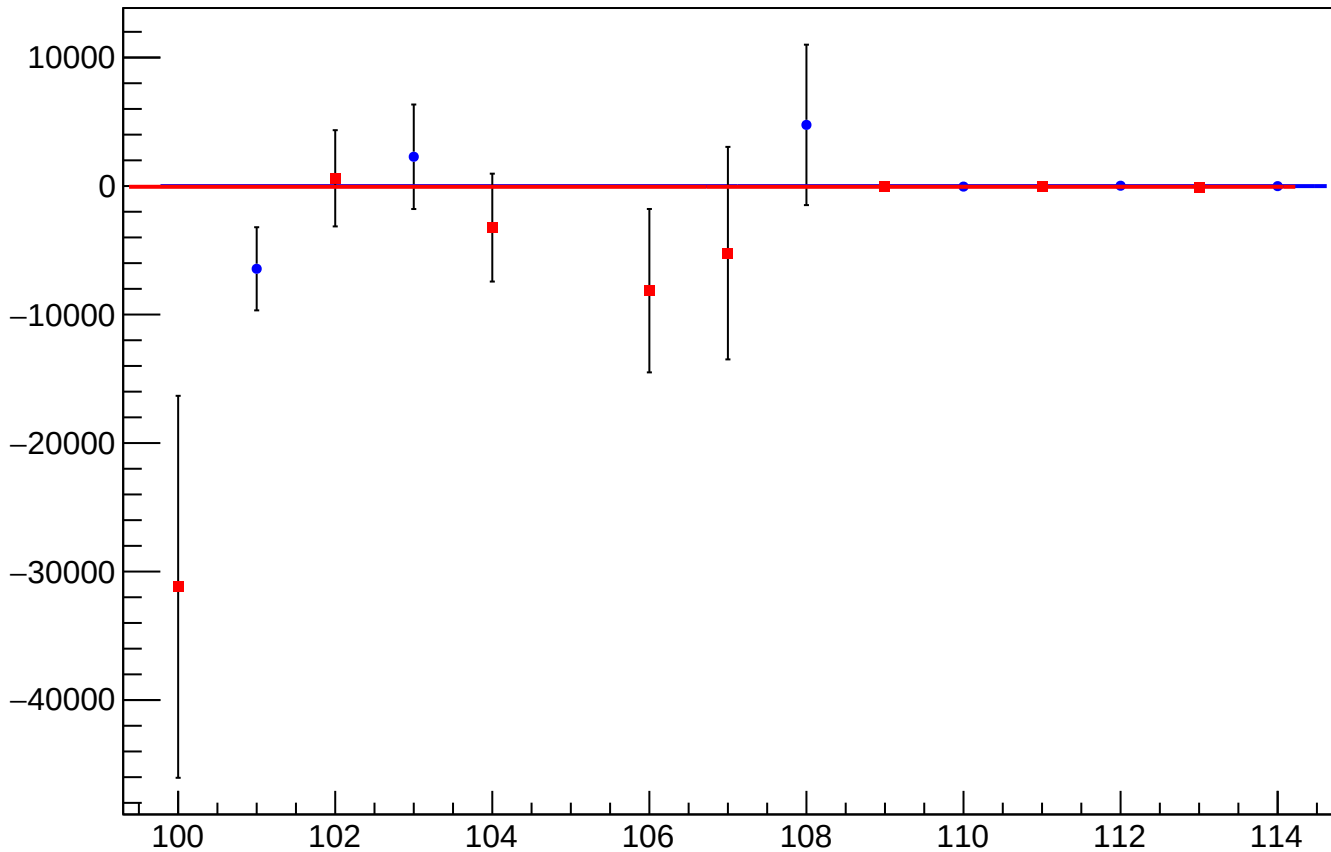
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.661 $\pm$ 0.061 χ^2 /NDF: 6395779.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.096+/-26.820 χ^2/NDF : 6.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.599+/-24.530 χ^2/NDF : 9.8/7

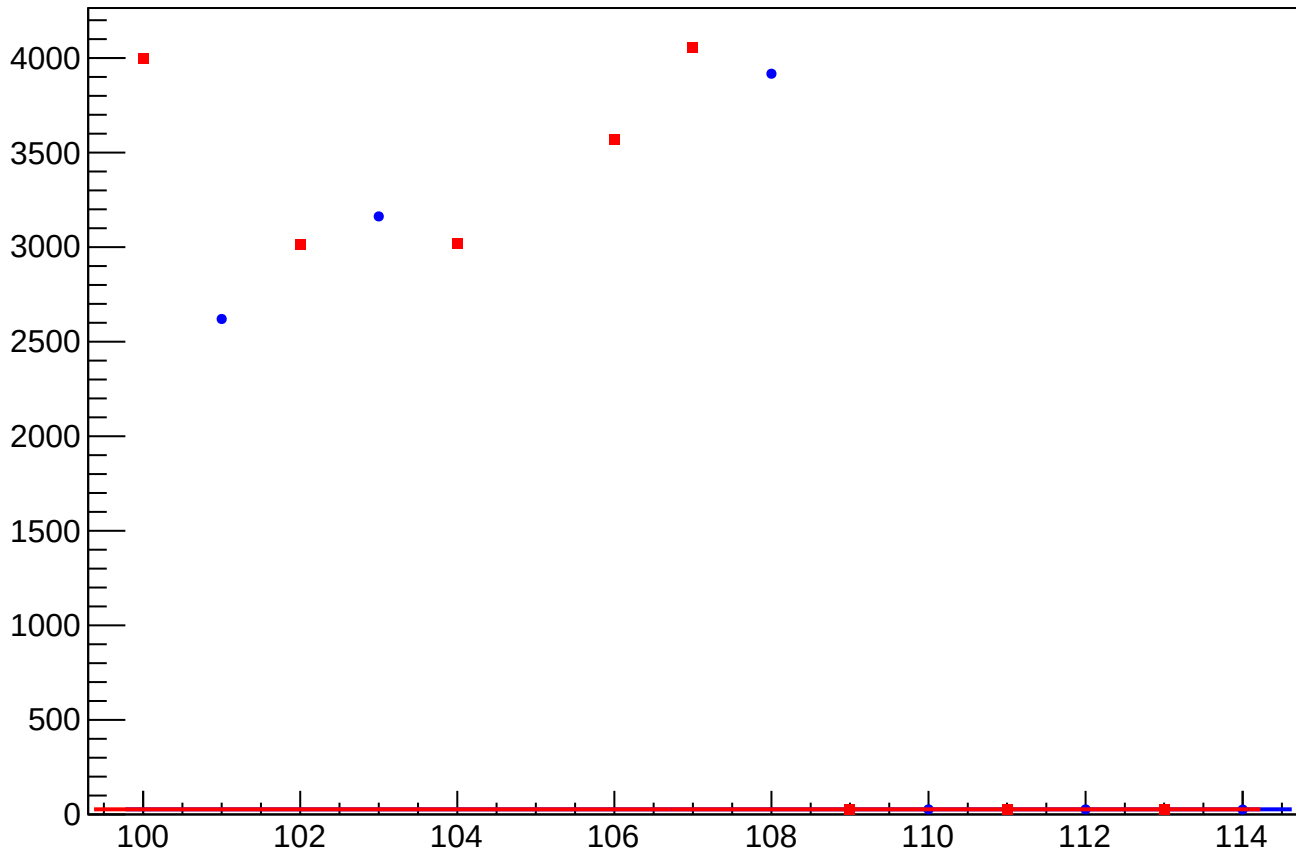
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.684+/-18.101 χ^2/NDF : 18.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.076 $\pm$ 0.019 χ^2 /NDF: 3251244.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.126 $\pm$ 0.017 χ^2 /NDF: 3531221.3/7

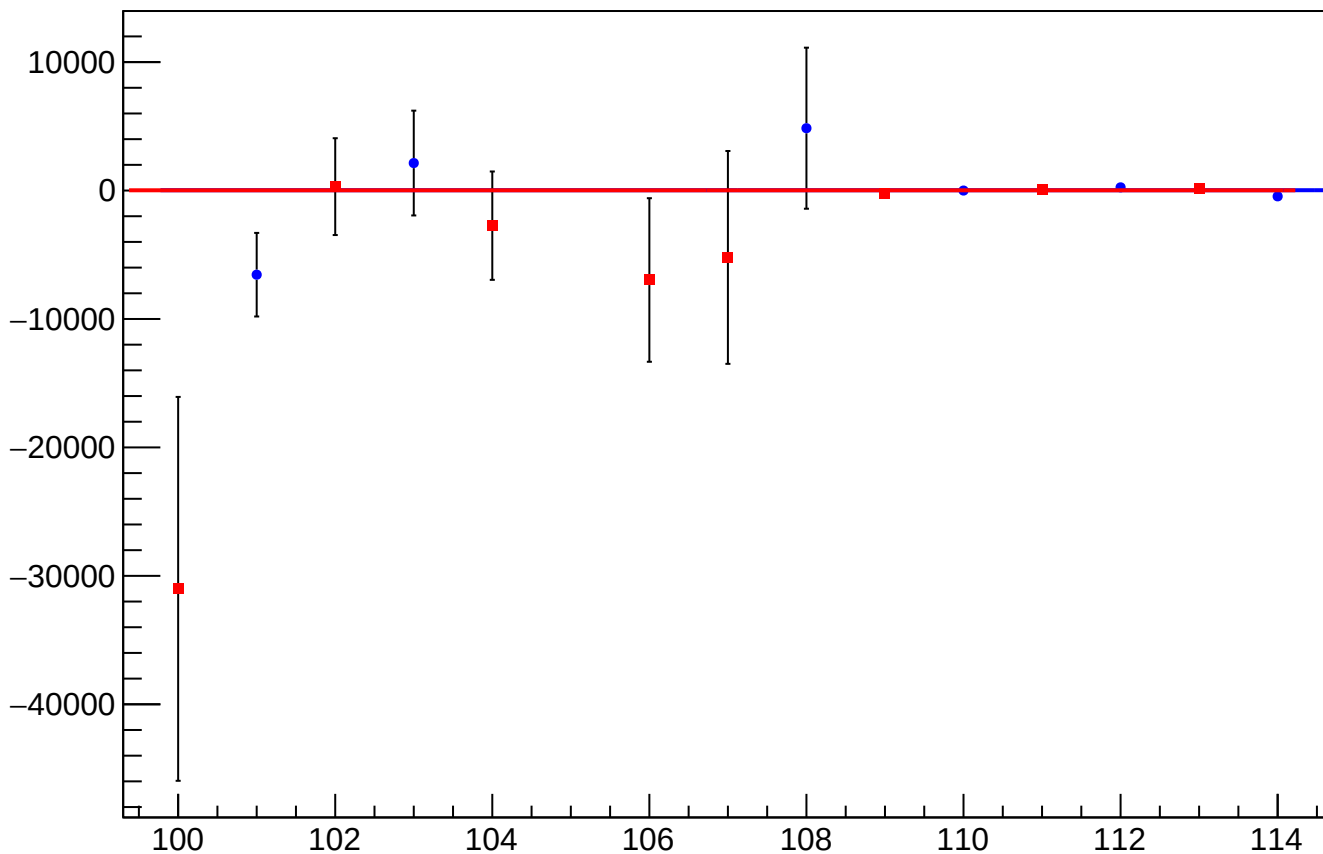
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.104 $\pm$ 0.013 χ^2 /NDF: 6782469.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 25.653+/-137.067 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.612+/-116.194 χ^2/NDF : 8.2/7

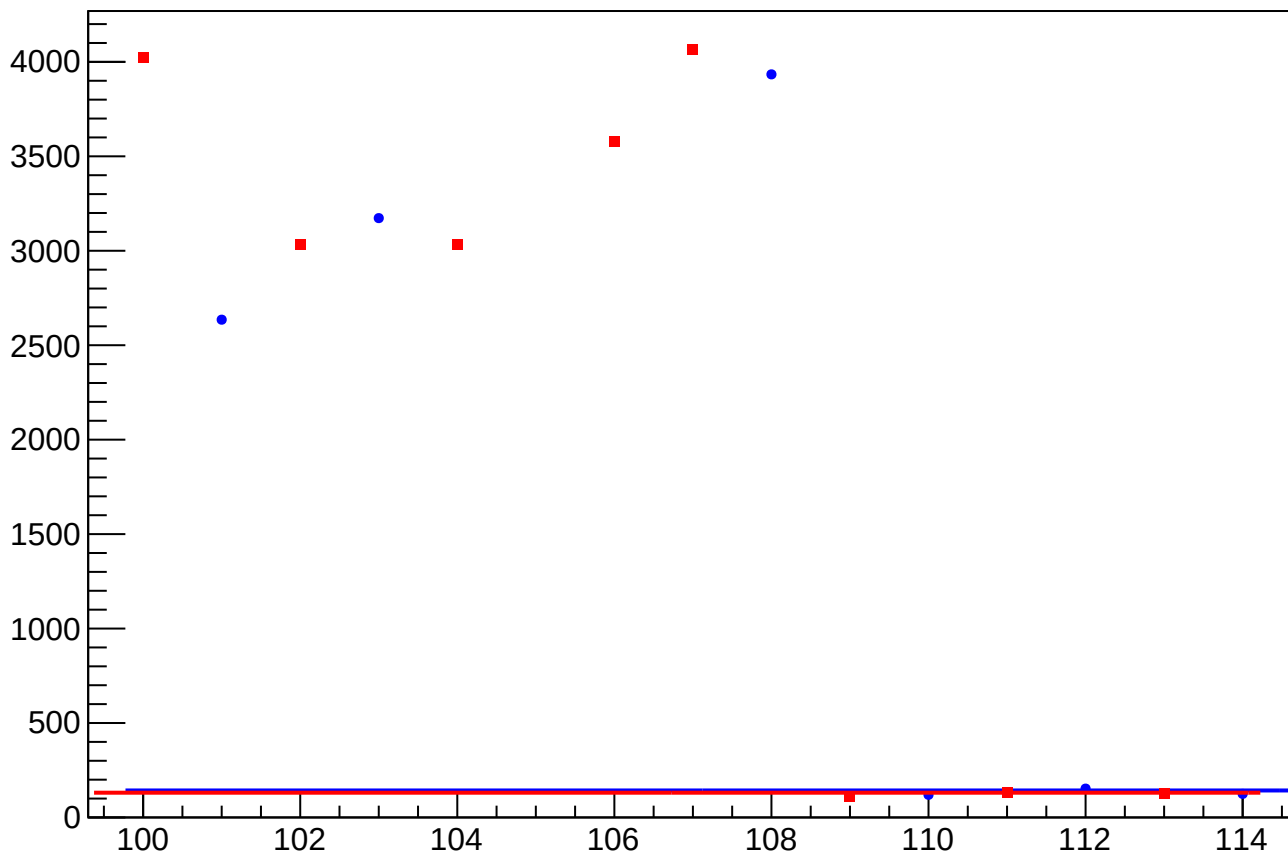
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.138+/-88.632 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 142.881+/-0.097 χ^2/NDF : 3043331.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.040+/-0.082 χ^2/NDF : 3327839.1/7

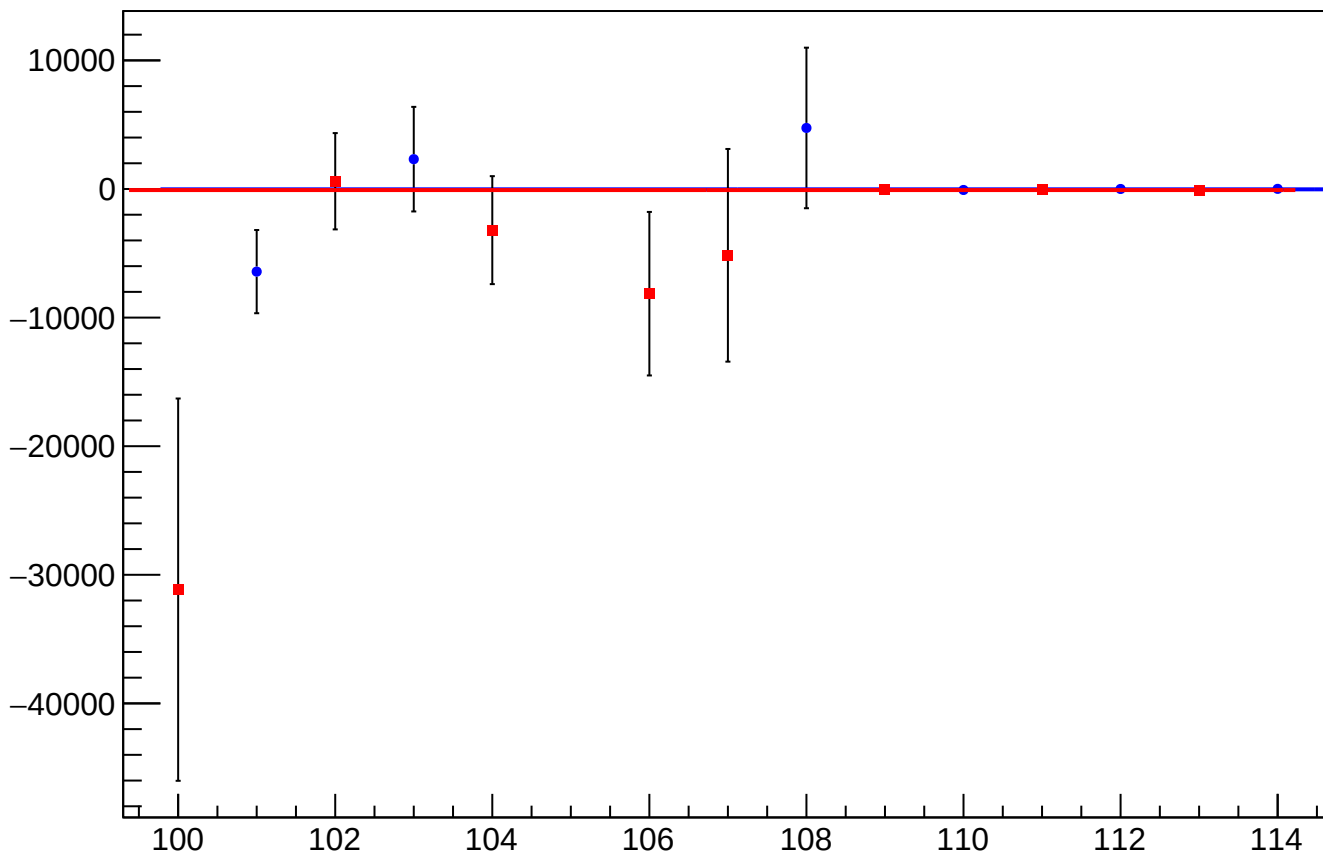
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.991+/-0.063 χ^2/NDF : 6379855.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -26.433 $\pm$ 33.477 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.332 $\pm$ 30.443 χ^2 /NDF: 9.2/7

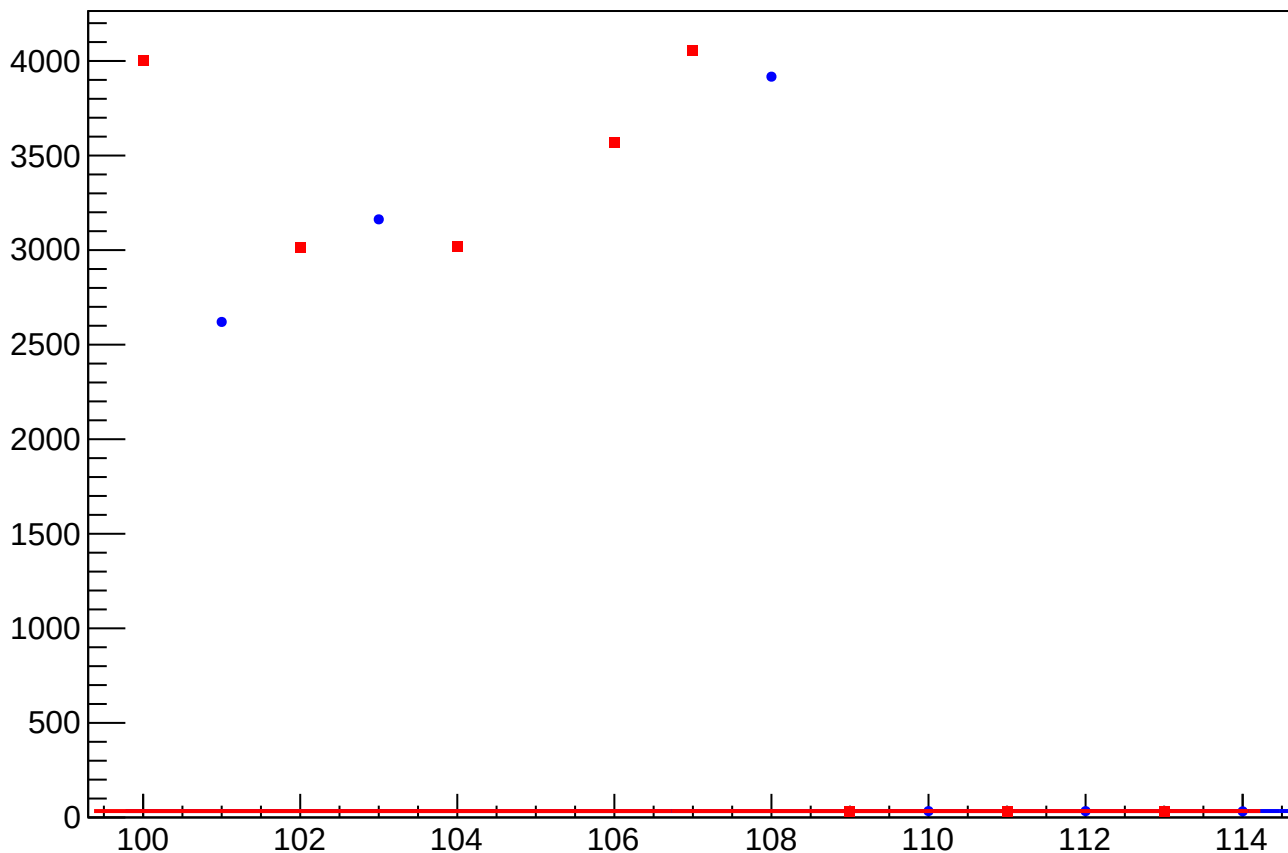
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -57.577 $\pm$ 22.523 χ^2 /NDF: 16.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.934 $\pm$ 0.024 χ^2 /NDF: 3236688.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.782 $\pm$ 0.022 χ^2 /NDF: 3516883.9/7

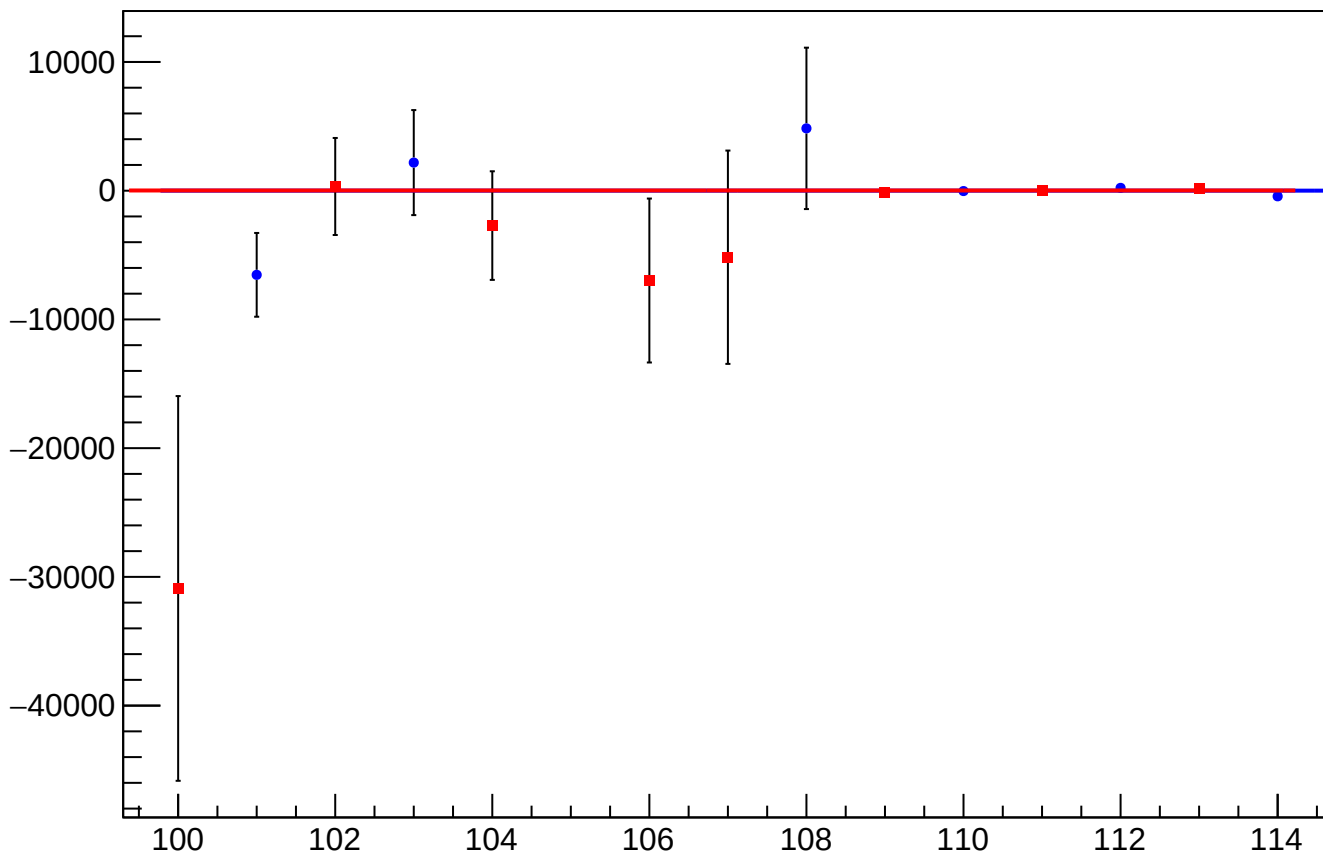
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.851 $\pm$ 0.016 χ^2 /NDF: 6753595.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 3.957+/-135.157 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.300+/-114.535 χ^2/NDF : 8.0/7

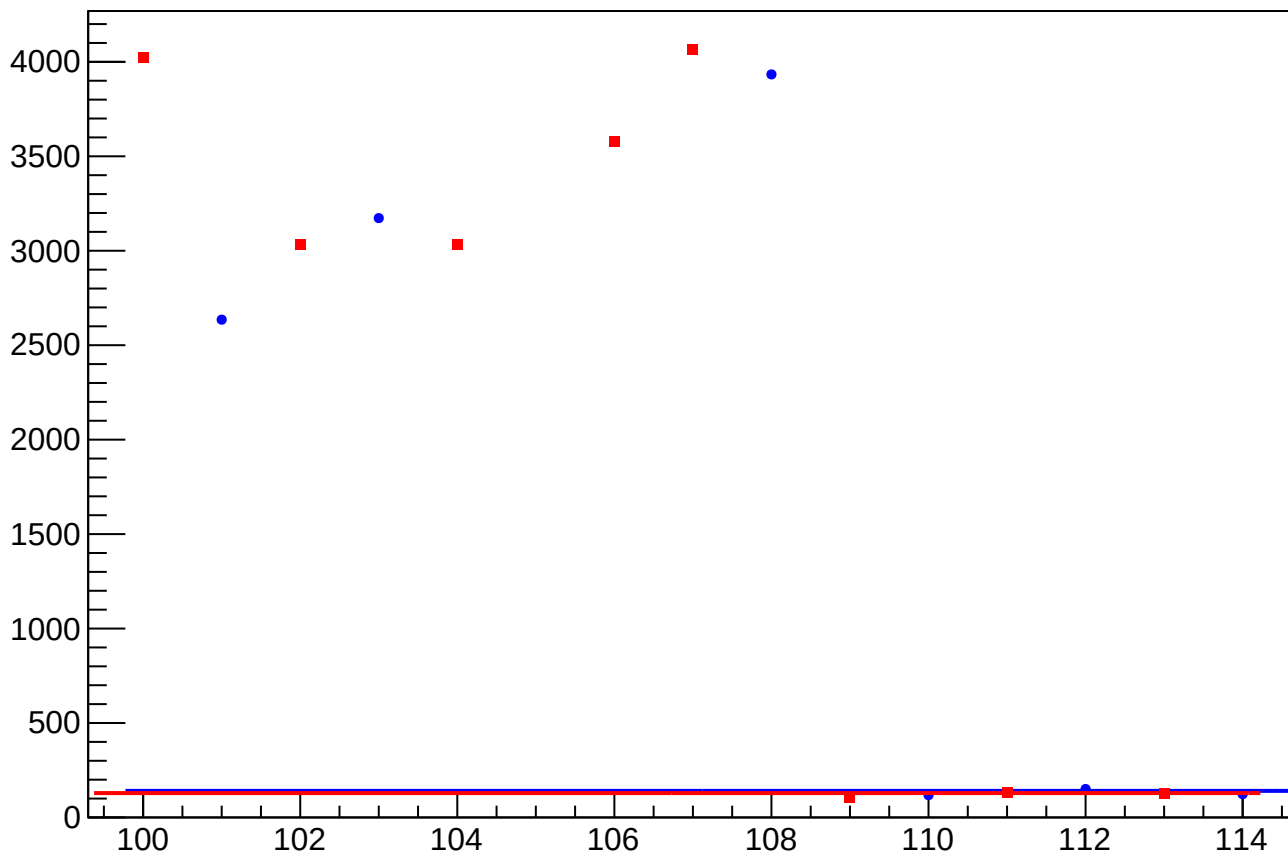
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.723+/-87.380 χ^2/NDF : 15.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 140.732 $\pm$ 0.096 χ^2 /NDF: 3047668.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.032 $\pm$ 0.081 χ^2 /NDF: 3332204.2/7

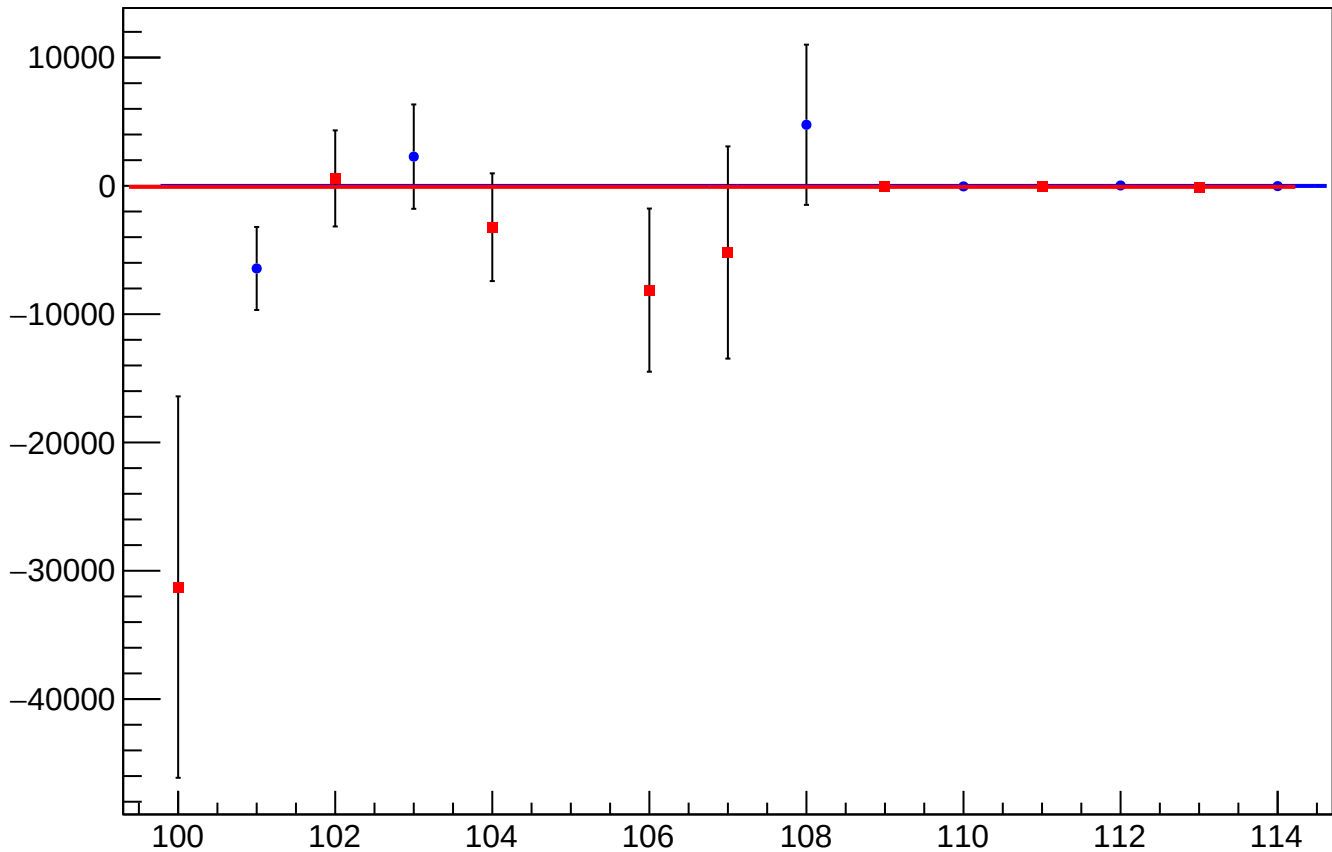
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.922 $\pm$ 0.062 χ^2 /NDF: 6388595.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -5.654+/-31.417 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.958+/-28.510 χ^2/NDF : 10.1/7

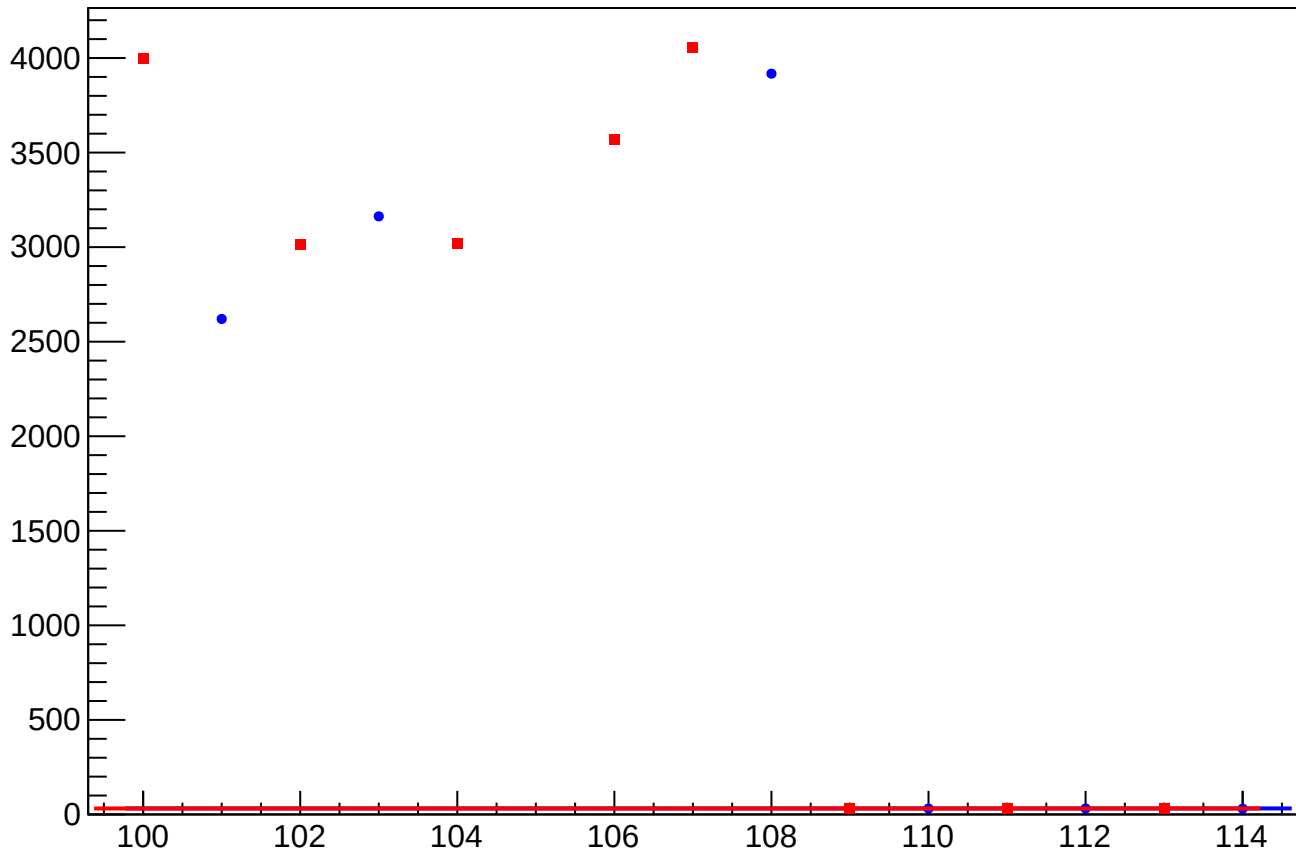
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.401+/-21.113 χ^2/NDF : 19.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.812 $\pm$ 0.022 χ^2 /NDF: 3241130.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.606 $\pm$ 0.020 χ^2 /NDF: 3521659.2/7

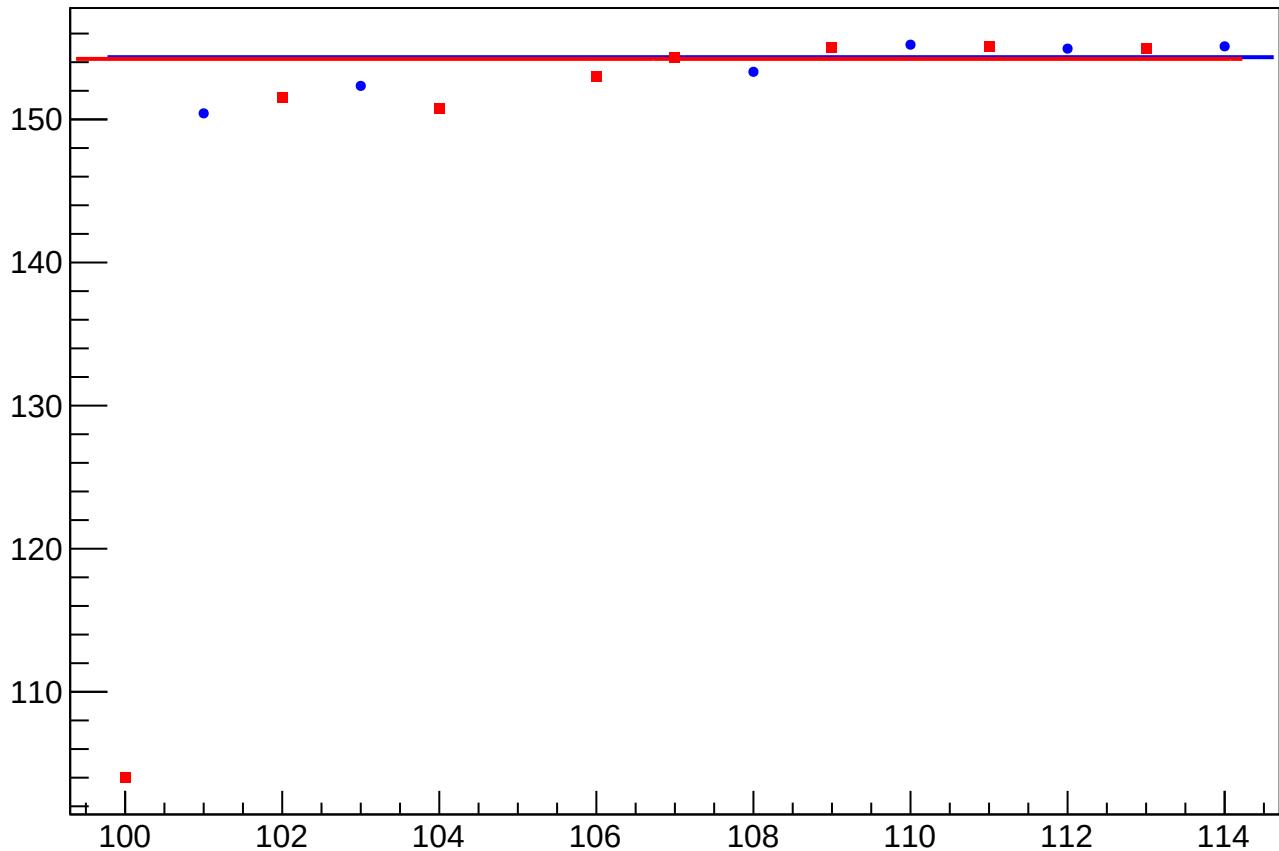
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.699 $\pm$ 0.015 χ^2 /NDF: 6762837.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_target_mean vs Slug



Right In: 154.349+/-0.000 χ^2/NDF : 22883057.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.231+/-0.000 χ^2/NDF : 249427452.7/7

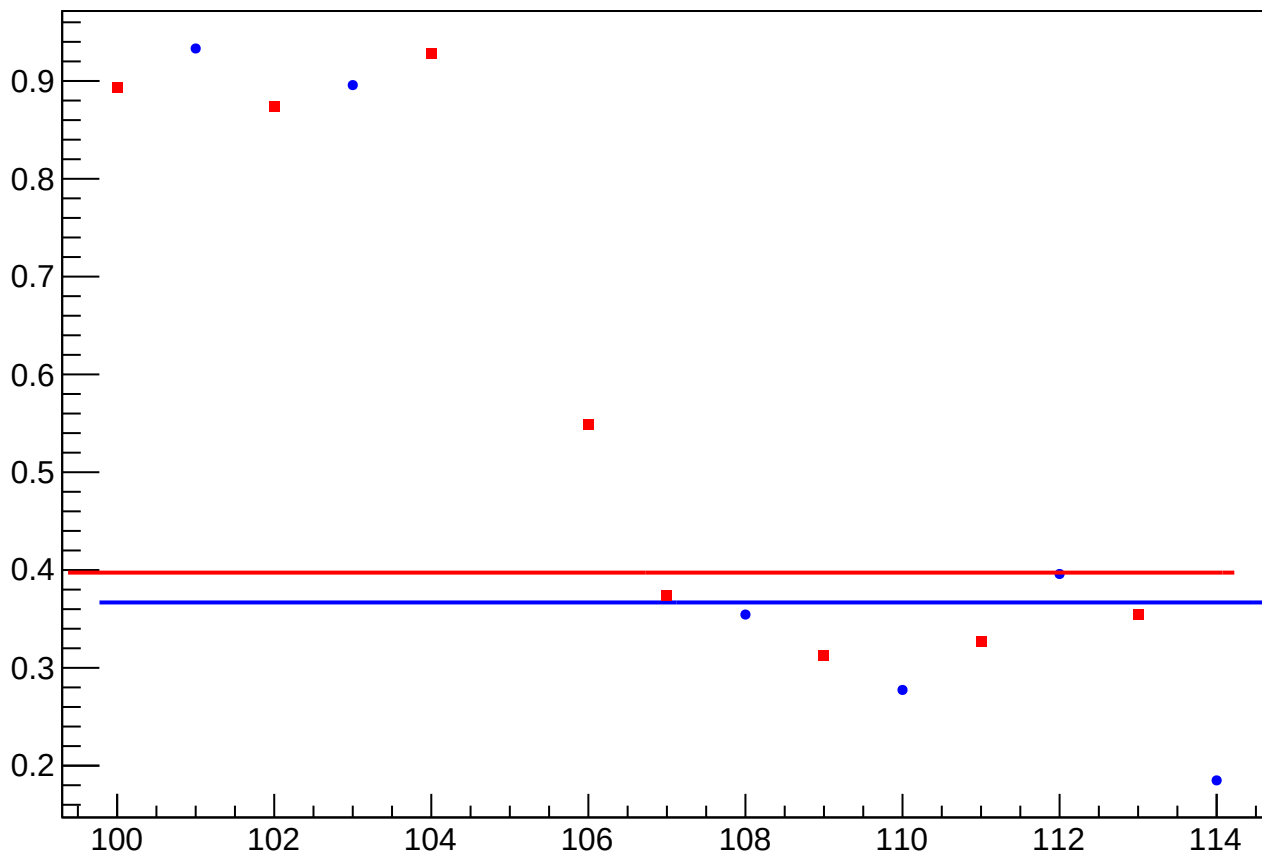
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.285+/-0.000 χ^2/NDF : 272415531.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.367+/-0.000 χ^2/NDF : 1129098.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.397+/-0.000 χ^2/NDF : 915211.2/7

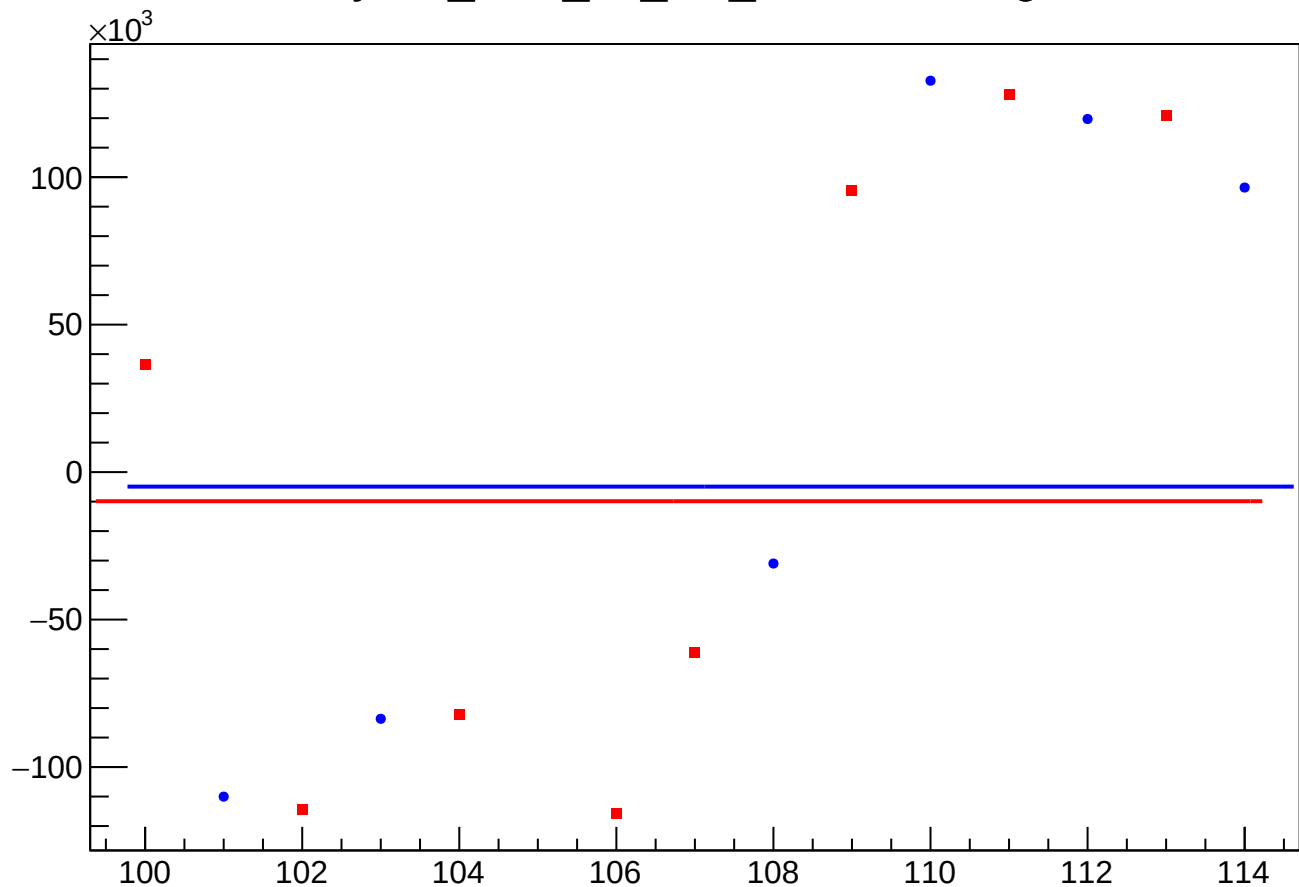
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 2058388.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: -4914.928+/-3.450 χ^2/NDF : 877283740.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

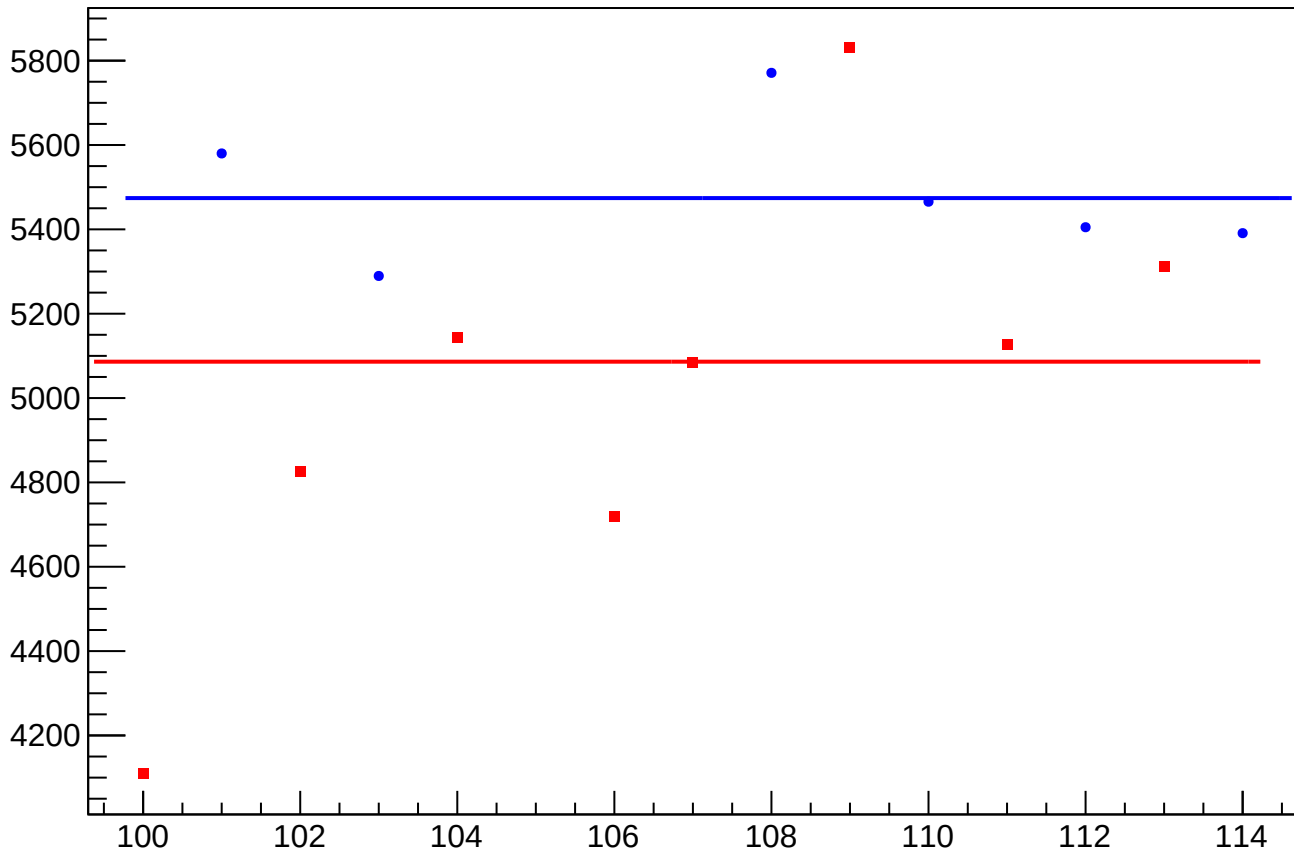
Right Out: -9873.084+/-2.884 χ^2/NDF : 1338130269.9/7

All: -7832.980+/-2.213 χ^2/NDF : 2216629837

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_rms vs Slug



Right In: 5474.137 $\pm$ 2.439 χ^2 /NDF: 4013.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5086.243 $\pm$ 2.040 χ^2 /NDF: 33820.4/7

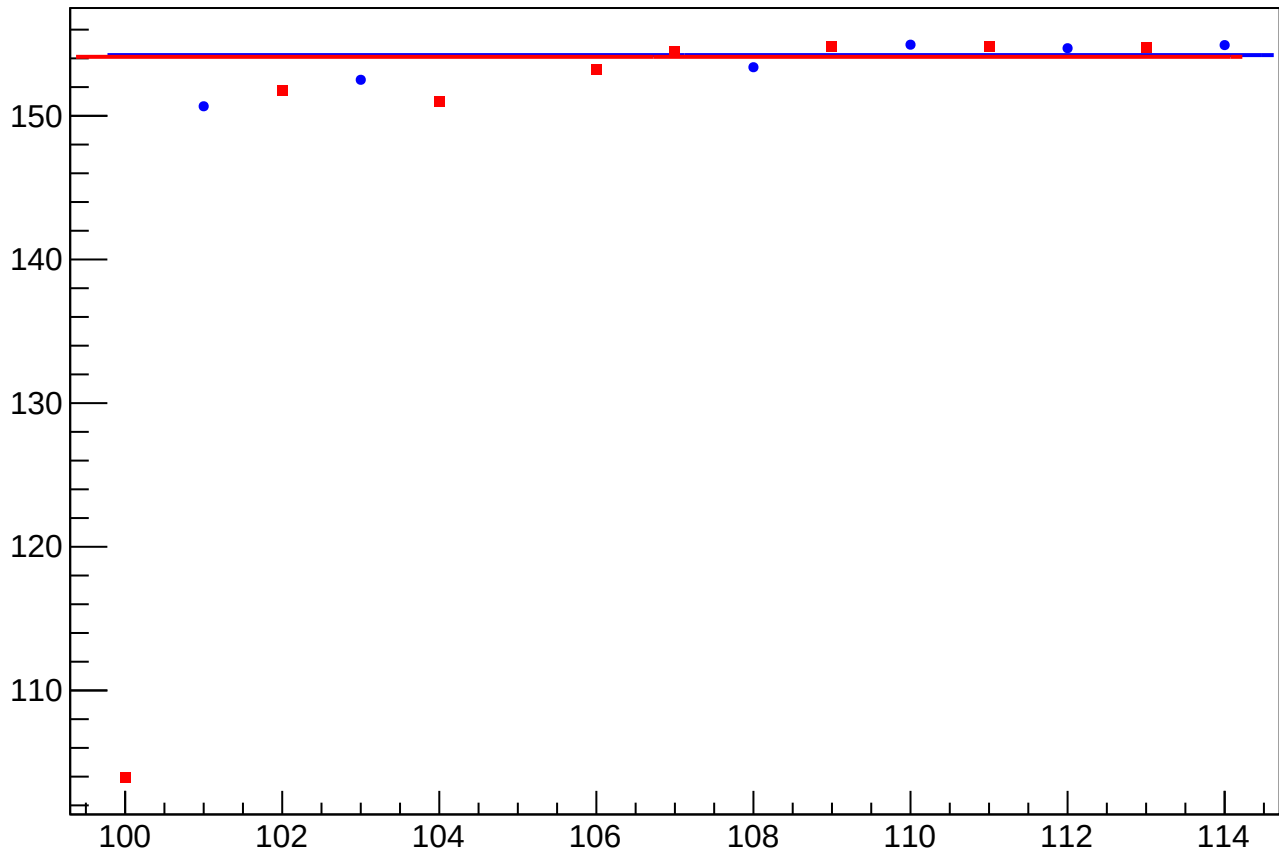
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5245.847 $\pm$ 1.565 χ^2 /NDF: 52716.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_mean vs Slug



Right In: 154.227+/-0.000 χ^2/NDF : 17865770.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.108+/-0.000 χ^2/NDF : 244713146.9/7

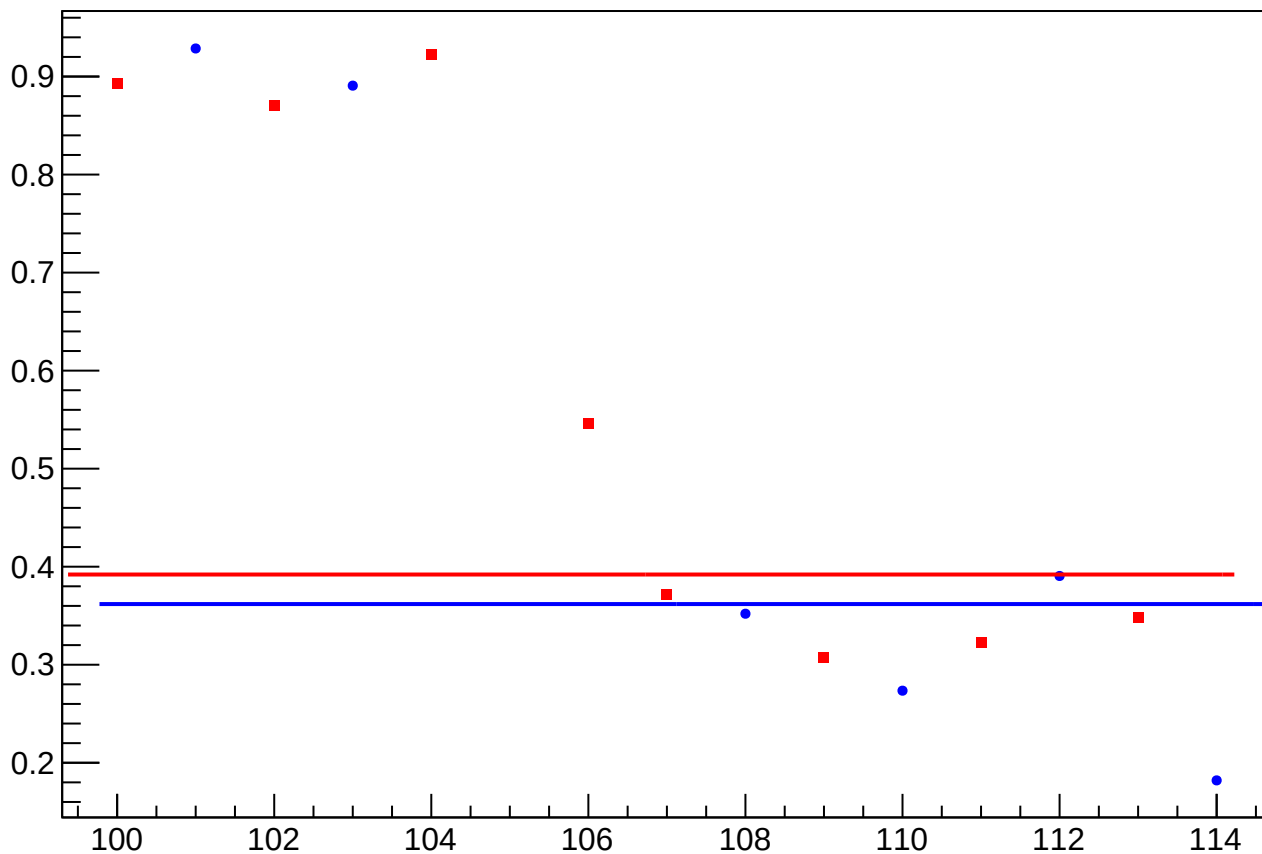
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.163+/-0.000 χ^2/NDF : 262689819.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.362 $\pm$ 0.000 χ^2 /NDF: 1140622.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.392 $\pm$ 0.000 χ^2 /NDF: 928002.3/7

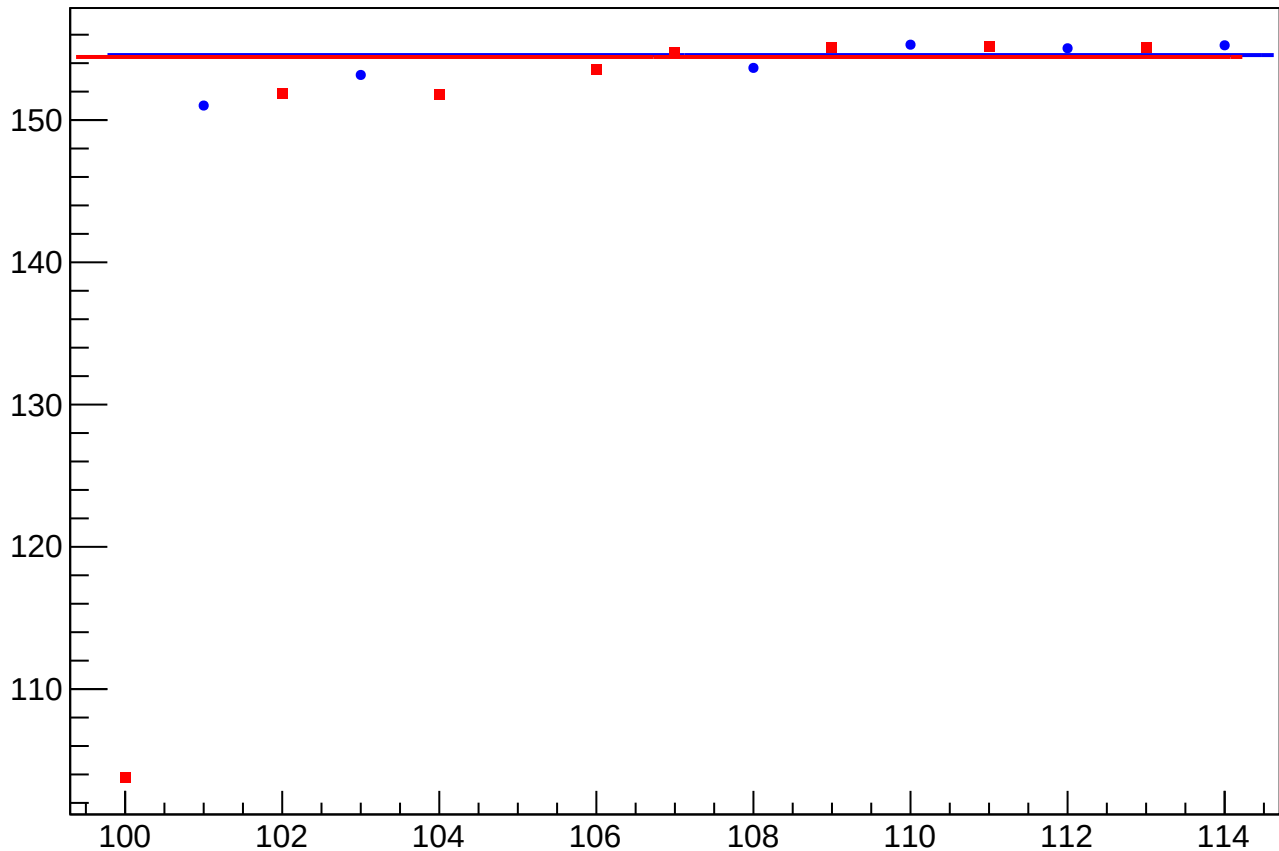
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.378 $\pm$ 0.000 χ^2 /NDF: 2082703.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 154.568+/-0.000 χ^2/NDF : 16964167.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

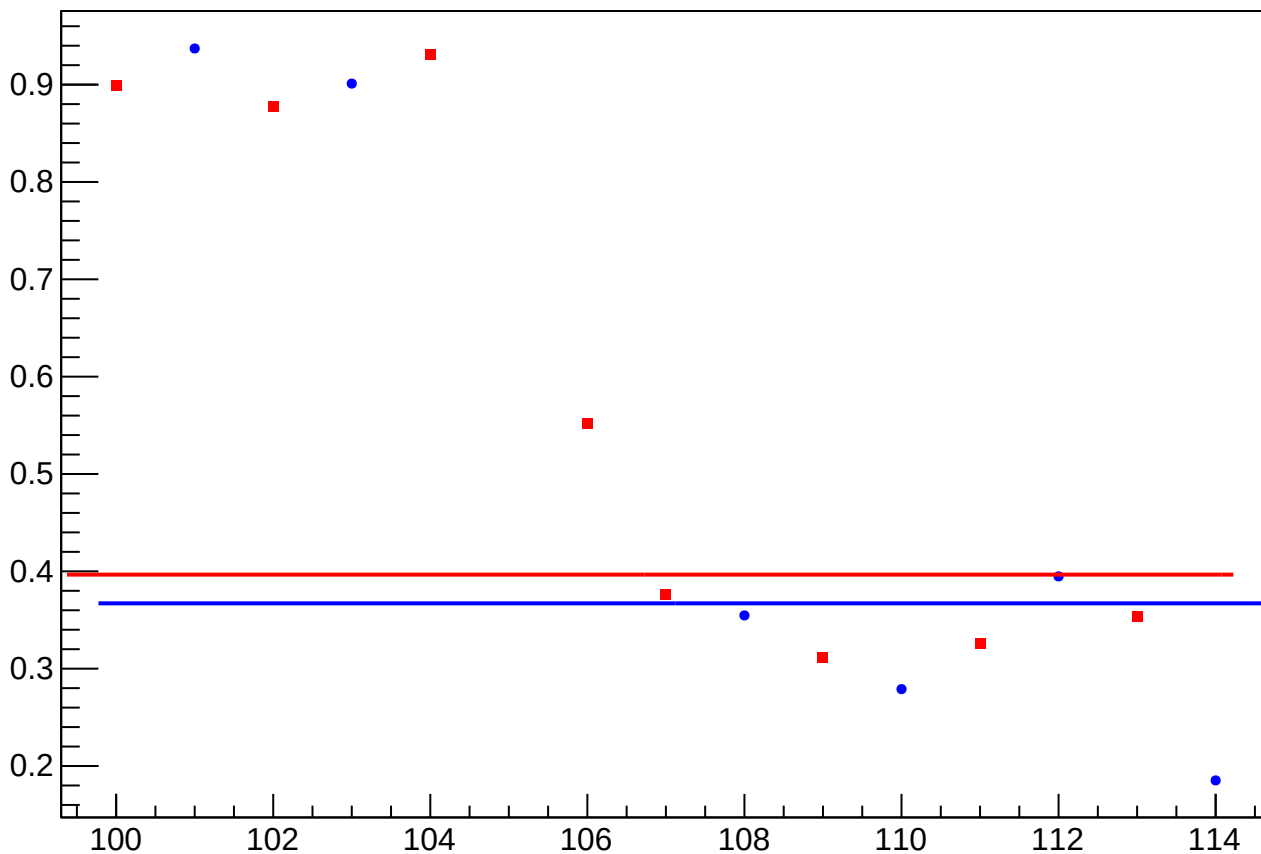
Right Out: 154.434+/-0.000 χ^2/NDF : 244485822.8/7

All: 154.496+/-0.000 χ^2/NDF : 261584594.7/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.367 $\pm$ 0.000 χ^2 /NDF: 1131760.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.397 $\pm$ 0.000 χ^2 /NDF: 924565.2/7

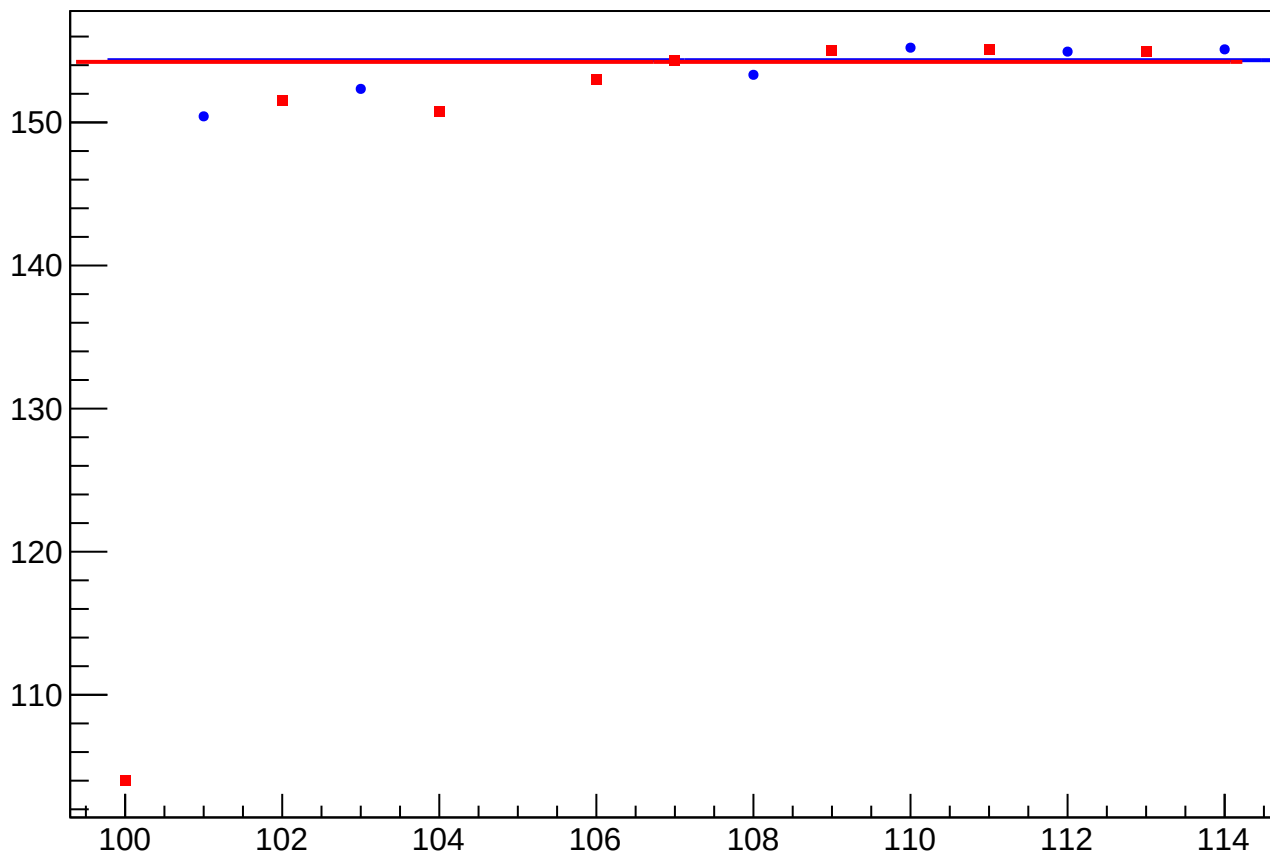
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.383 $\pm$ 0.000 χ^2 /NDF: 2069506.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 154.349+/-0.000 χ^2/NDF : 22883057.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.231+/-0.000 χ^2/NDF : 249427452.7/7

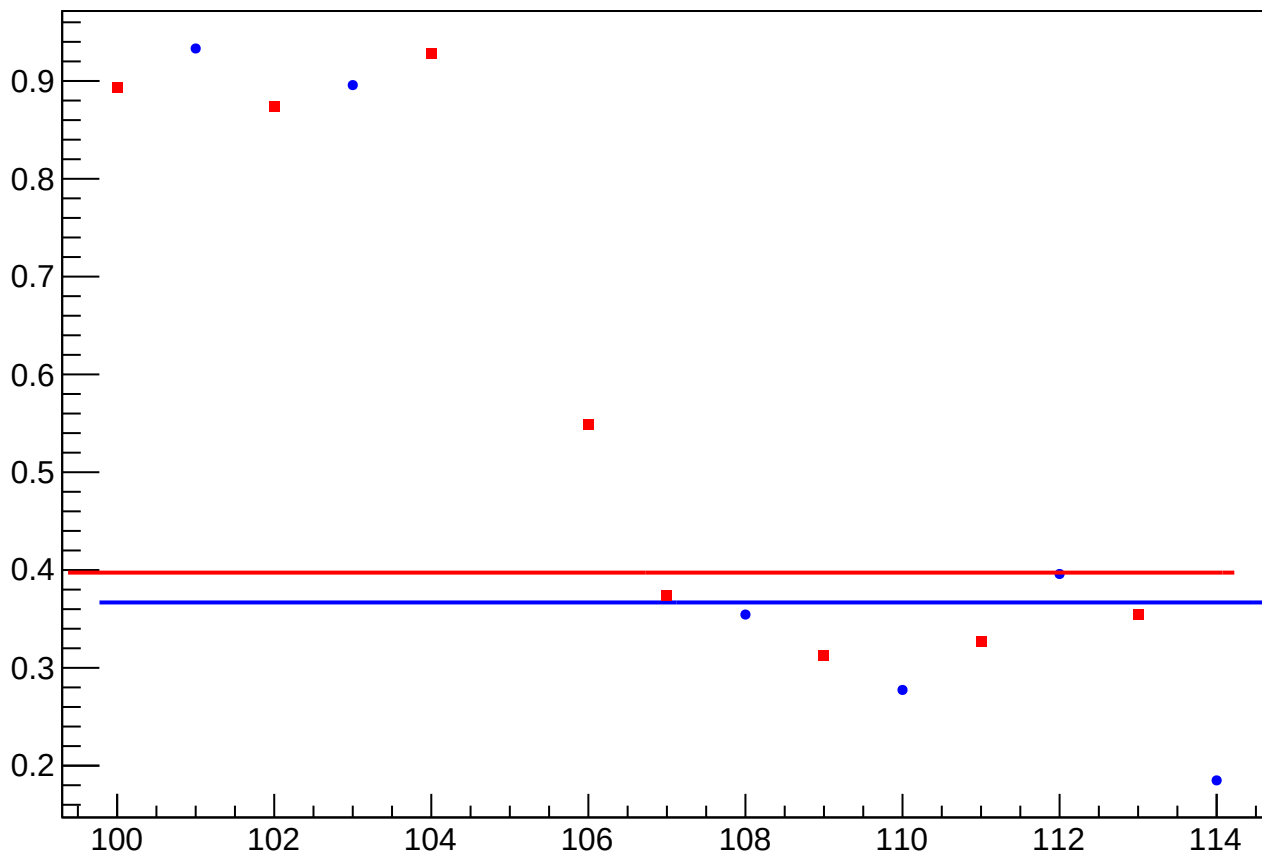
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.285+/-0.000 χ^2/NDF : 272415531.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.367+/-0.000 χ^2/NDF : 1129098.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.397+/-0.000 χ^2/NDF : 915211.2/7

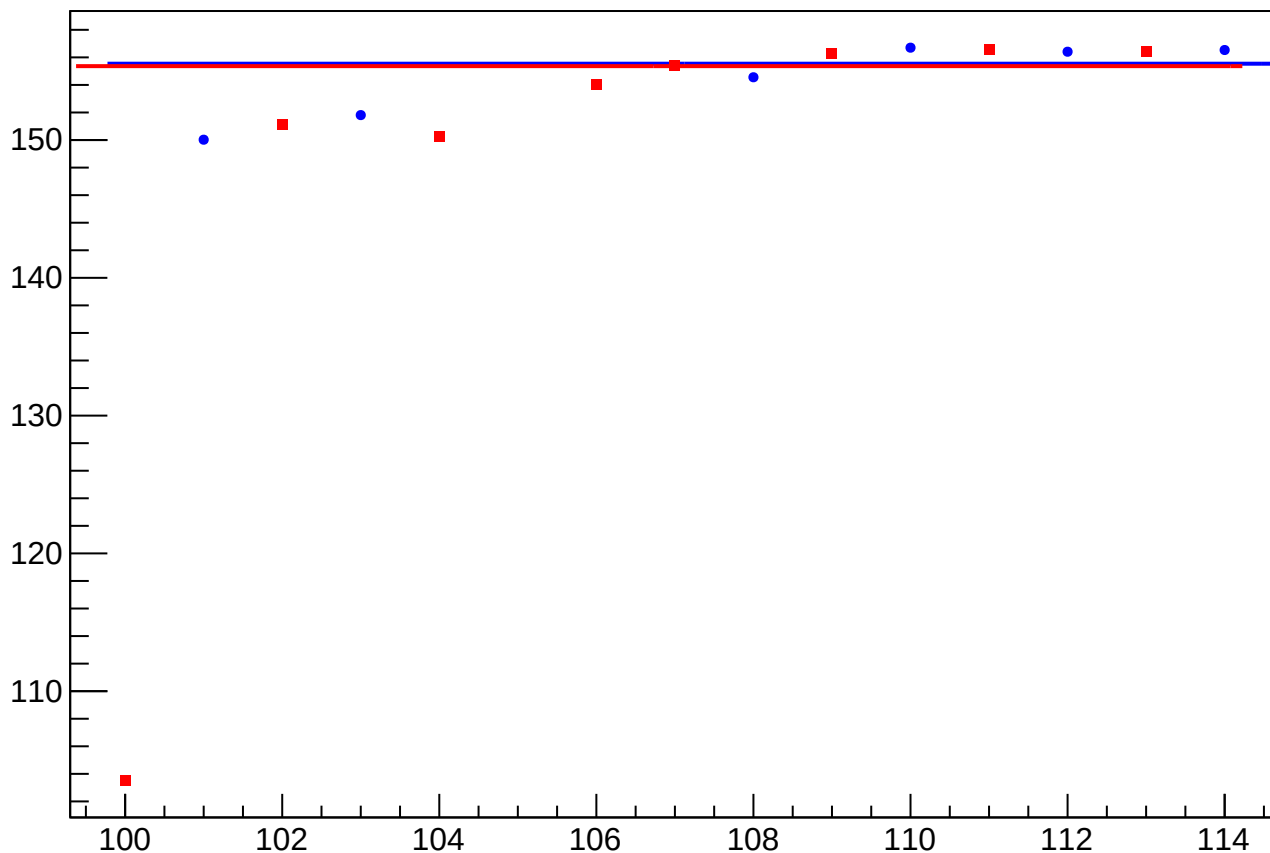
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 2058388.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 155.541 $\pm$ 0.000 χ^2 /NDF: 44670432.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.364 $\pm$ 0.000 χ^2 /NDF: 283864492.8/7

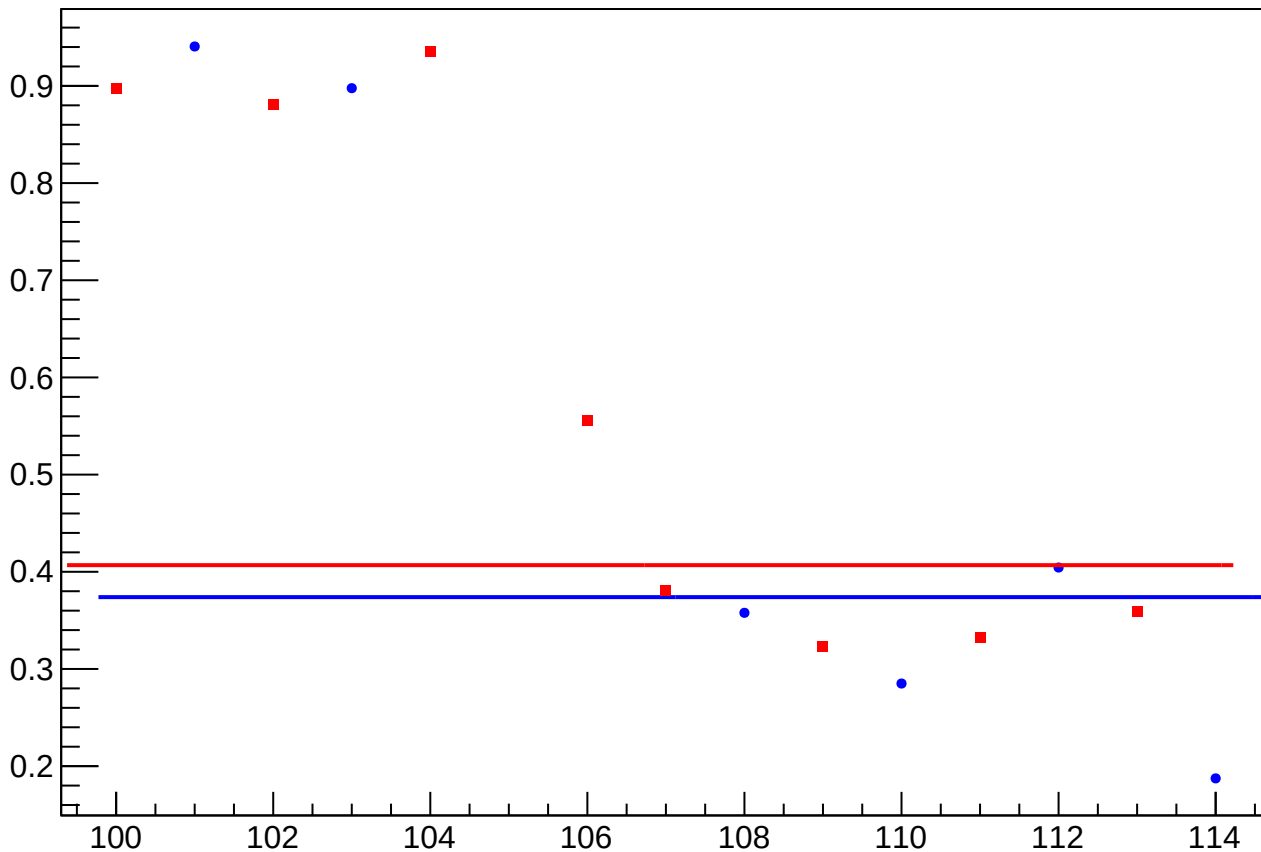
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.446 $\pm$ 0.000 χ^2 /NDF: 328763060.6/10

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_us_rms vs Slug



Right In: 0.374 $\pm$ 0.000 χ^2 /NDF: 1113451.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.407 $\pm$ 0.000 χ^2 /NDF: 892323.5/7

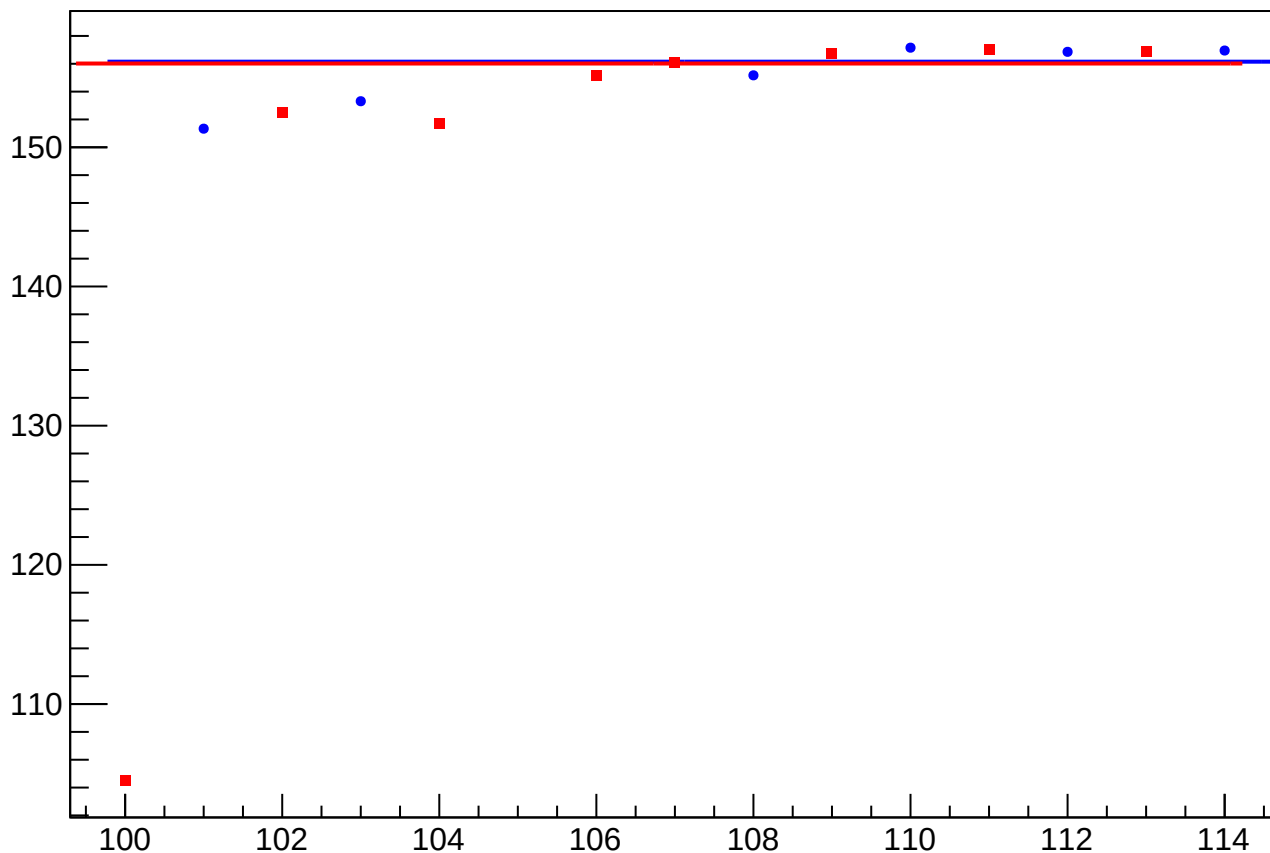
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.392 $\pm$ 0.000 χ^2 /NDF: 2021525.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 156.151+/-0.000 χ^2/NDF : 31876468.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.018+/-0.000 χ^2/NDF : 260975840.7/7

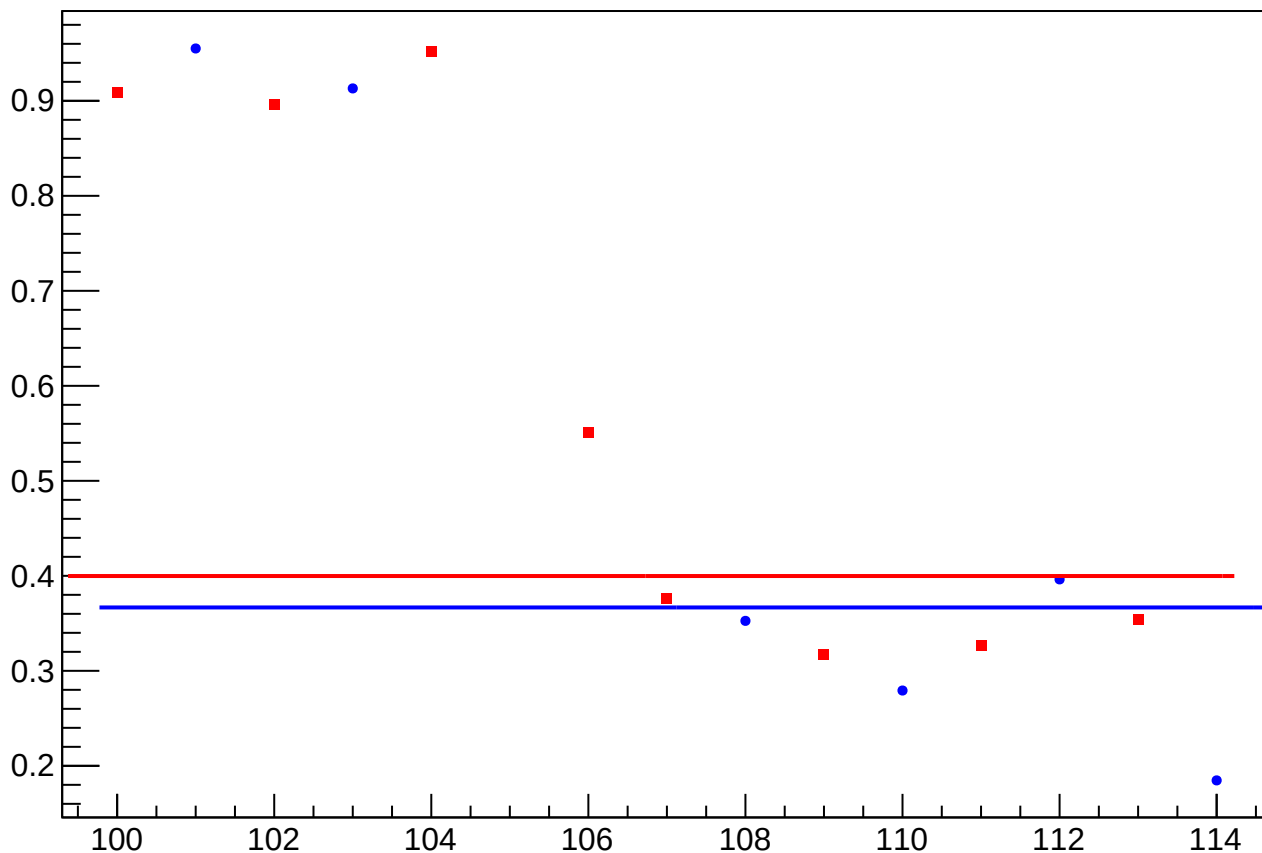
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.080+/-0.000 χ^2/NDF : 292983660.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_rms vs Slug



Right In: 0.367 $\pm$ 0.000 χ^2 /NDF: 1152021.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.400 $\pm$ 0.000 χ^2 /NDF: 934767.3/7

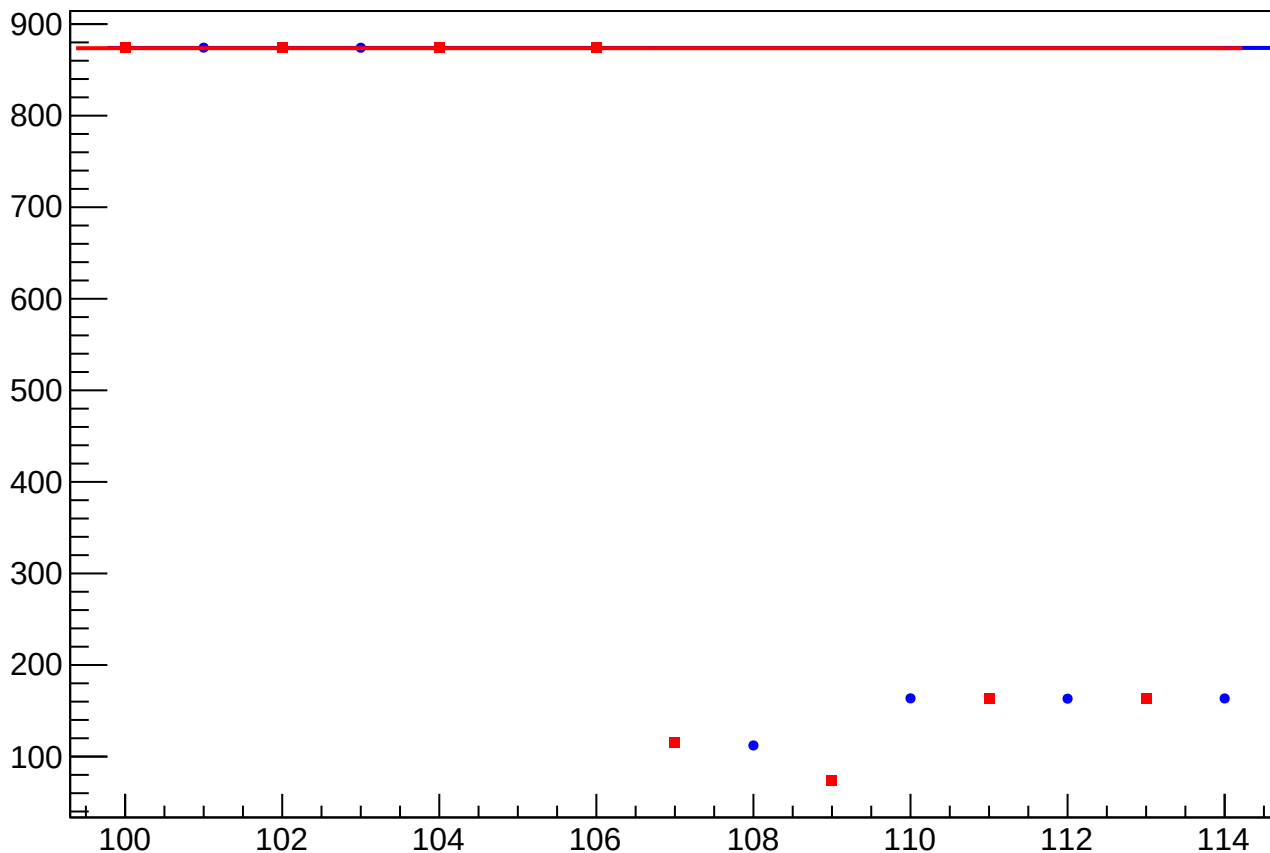
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.384 $\pm$ 0.000 χ^2 /NDF: 2103144.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 873.973+/-0.000 χ^2/NDF : 1283967176555.3/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

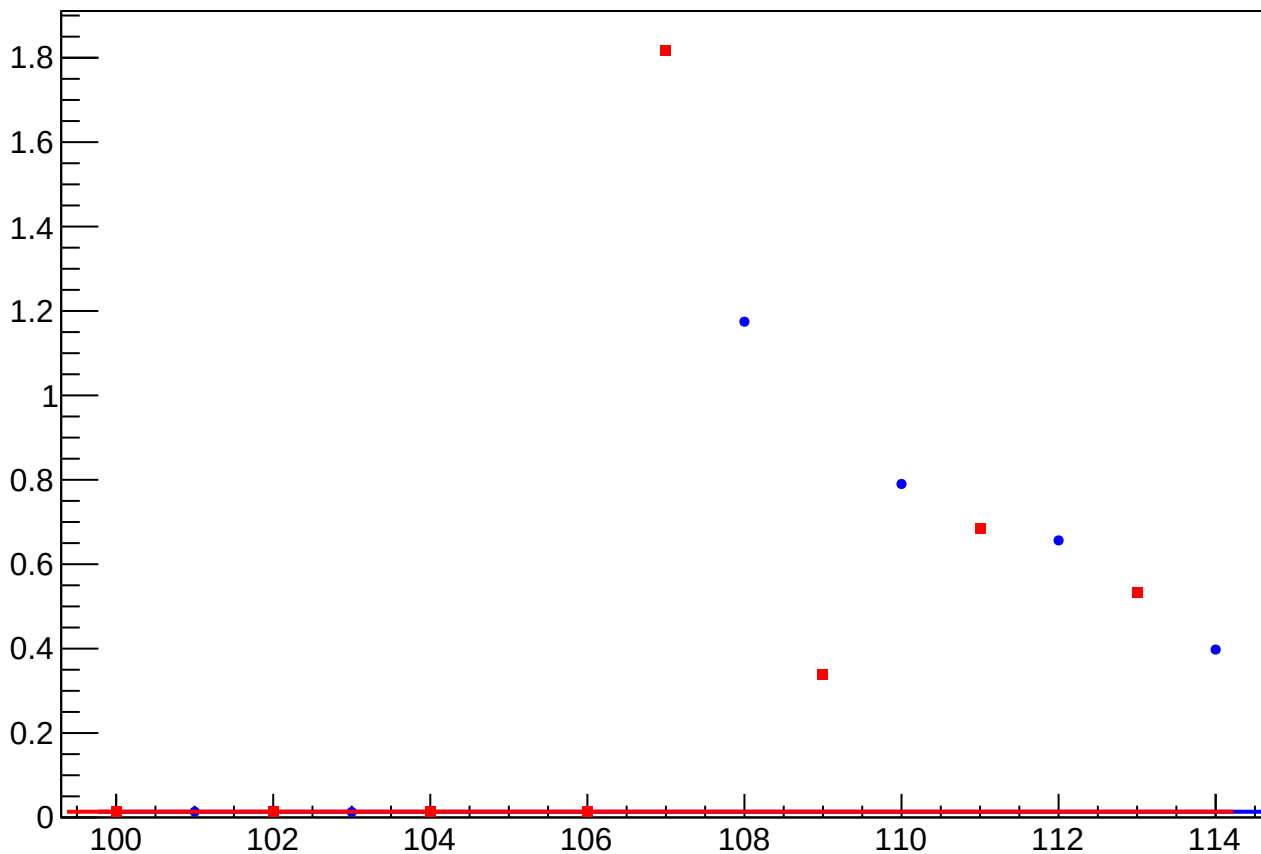
Right Out: 873.663+/-0.000 χ^2/NDF : 3285944106398.6/7

All: 873.807+/-0.000 χ^2/NDF : 45702775558

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 2344204.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2615749.7/7

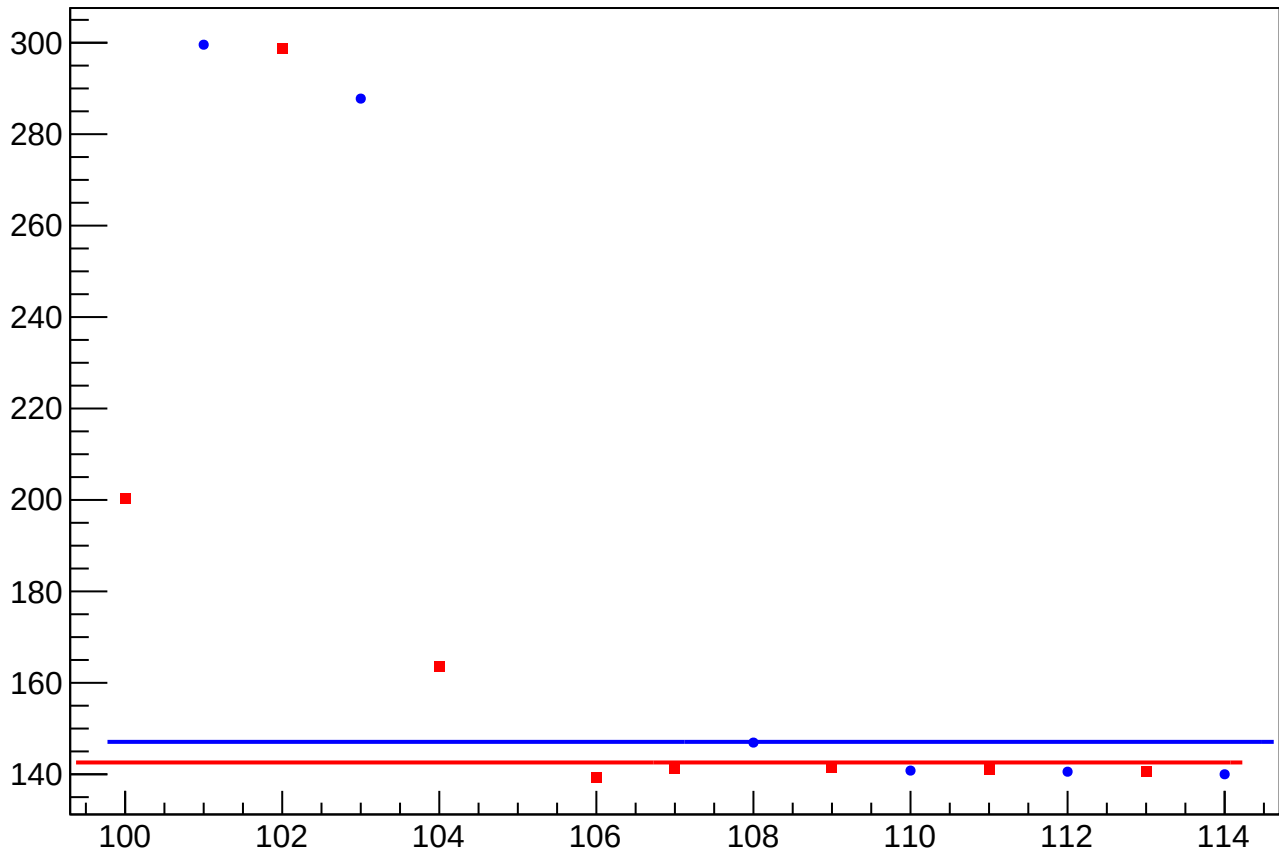
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 4959965.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 147.089 $\pm$ 0.001 χ^2 /NDF: 581997296.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

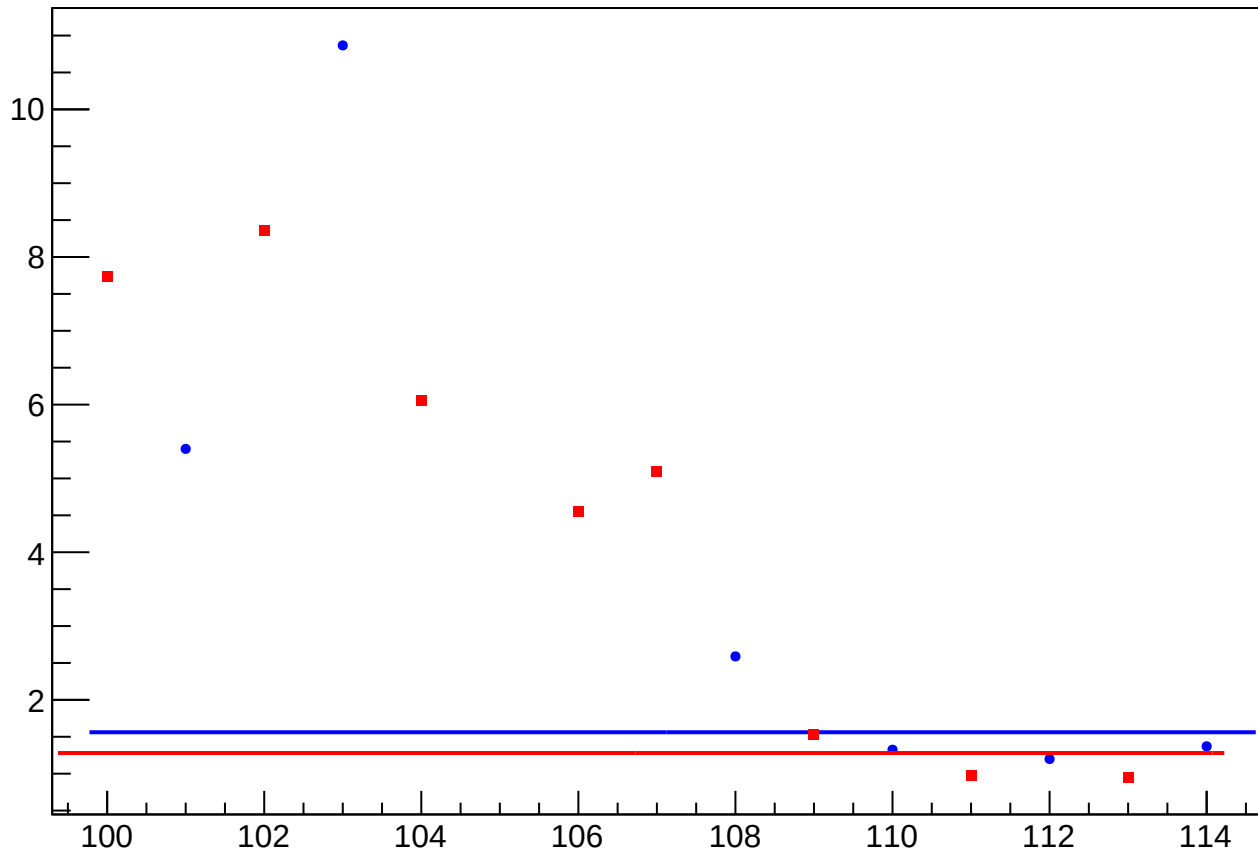
Right Out: 142.582 $\pm$ 0.001 χ^2 /NDF: 215728575.5/7

All: 144.329 $\pm$ 0.001 χ^2 /NDF: 805714587.7/1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 1.561 $\pm$ 0.001 χ^2 /NDF: 1660923.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.280 $\pm$ 0.001 χ^2 /NDF: 2203463.5/7

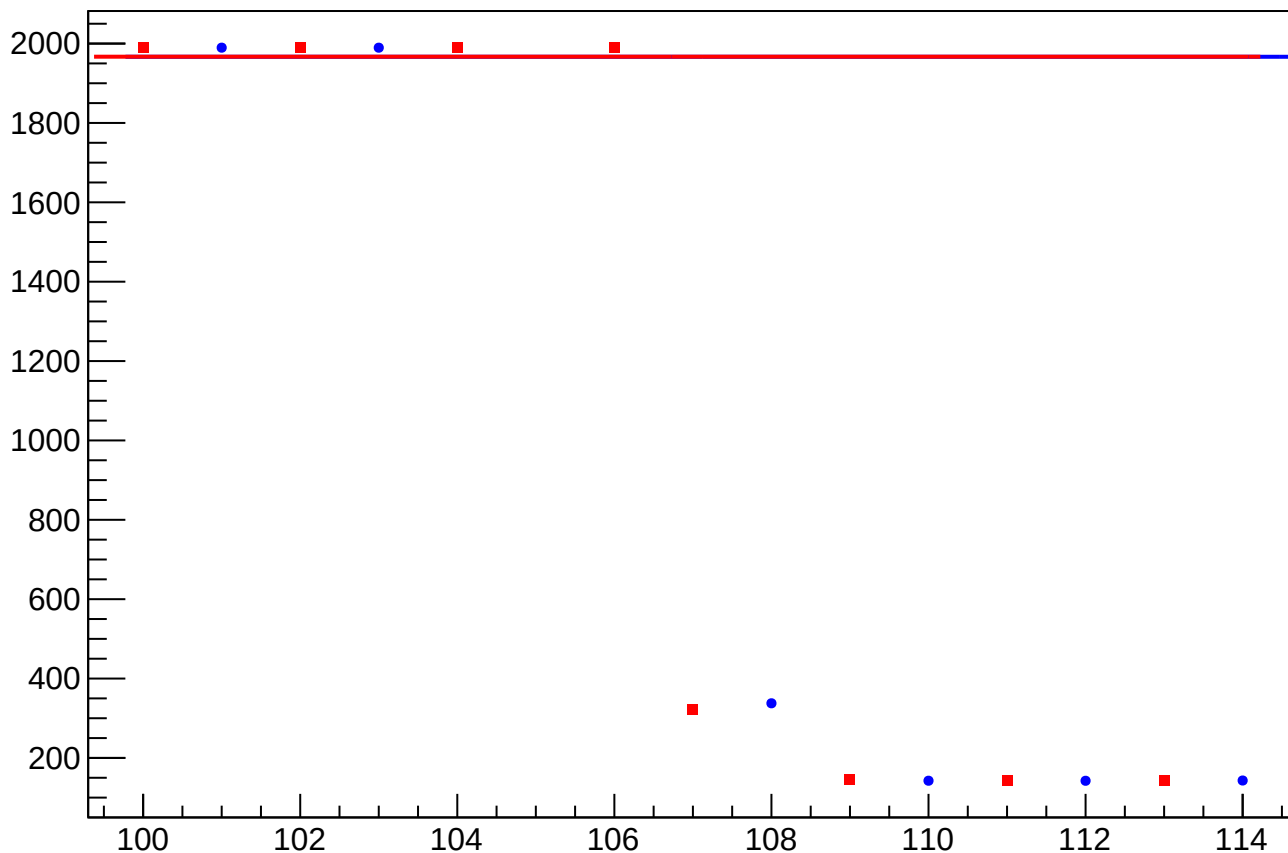
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.389 $\pm$ 0.001 χ^2 /NDF: 3926626.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1966.743+/-0.000 χ^2/NDF : 22144044026996.4/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

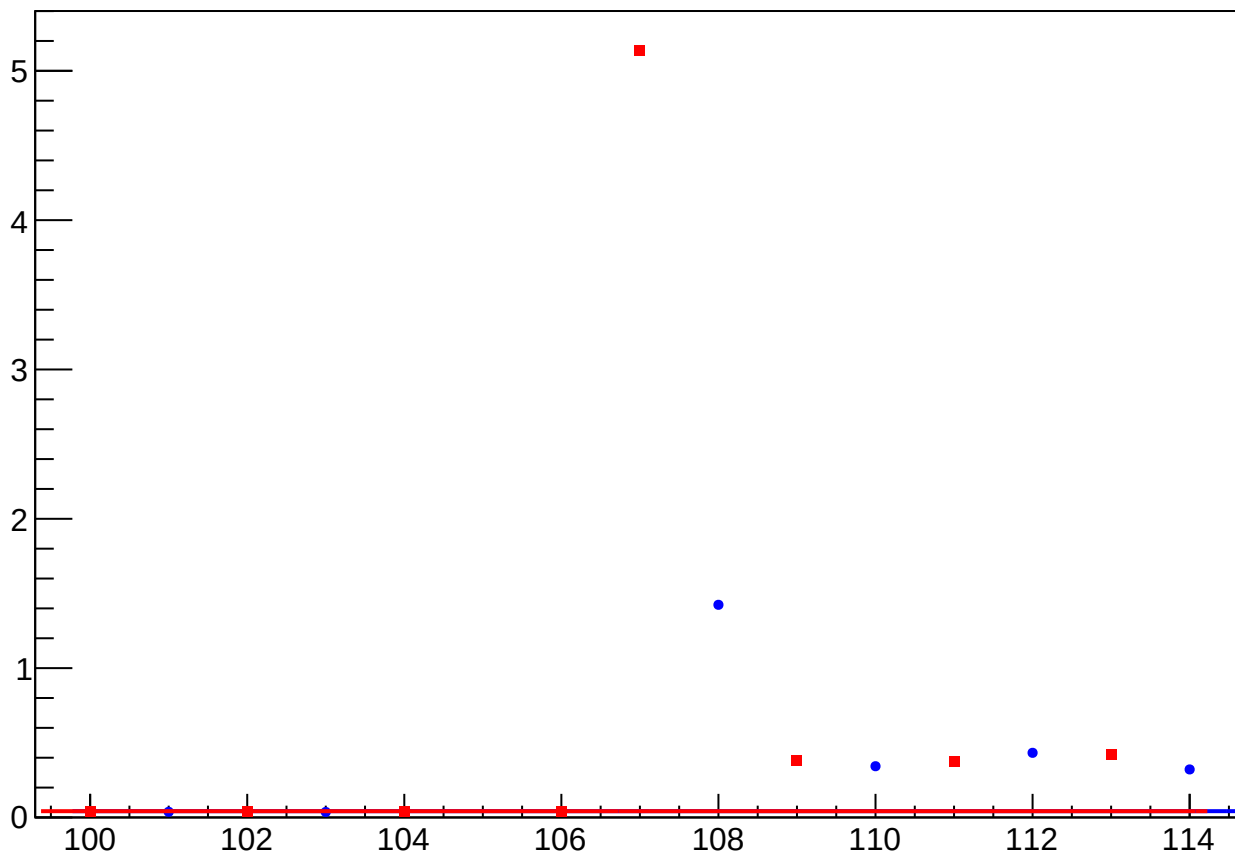
All: 1966.850+/-0.000 χ^2/NDF : 48174997240

Right Out: 1966.941+/-0.000 χ^2/NDF : 26030941940640.8/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 2089118.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 2256338.5/7

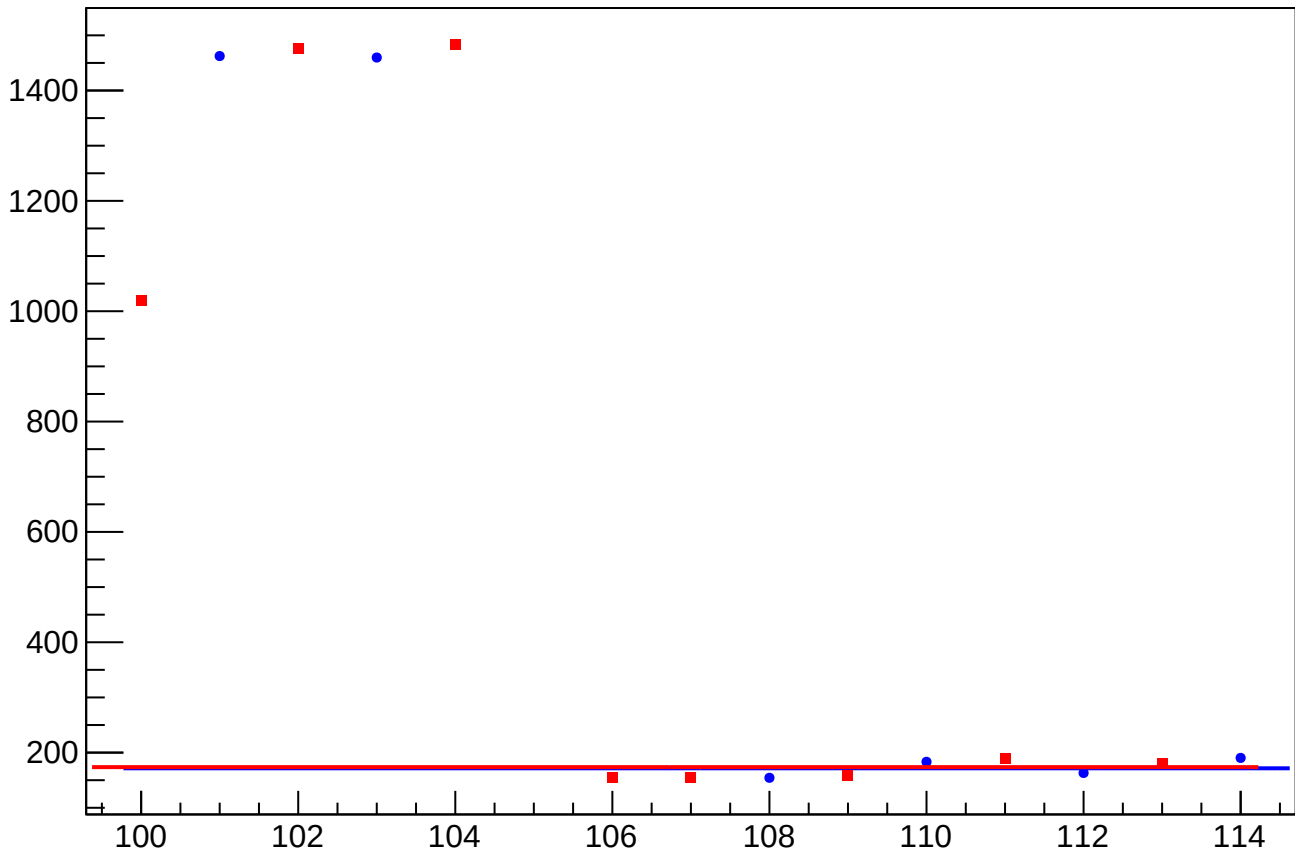
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 4345460.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 171.567+/-0.001 χ^2/NDF : 14224568596.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

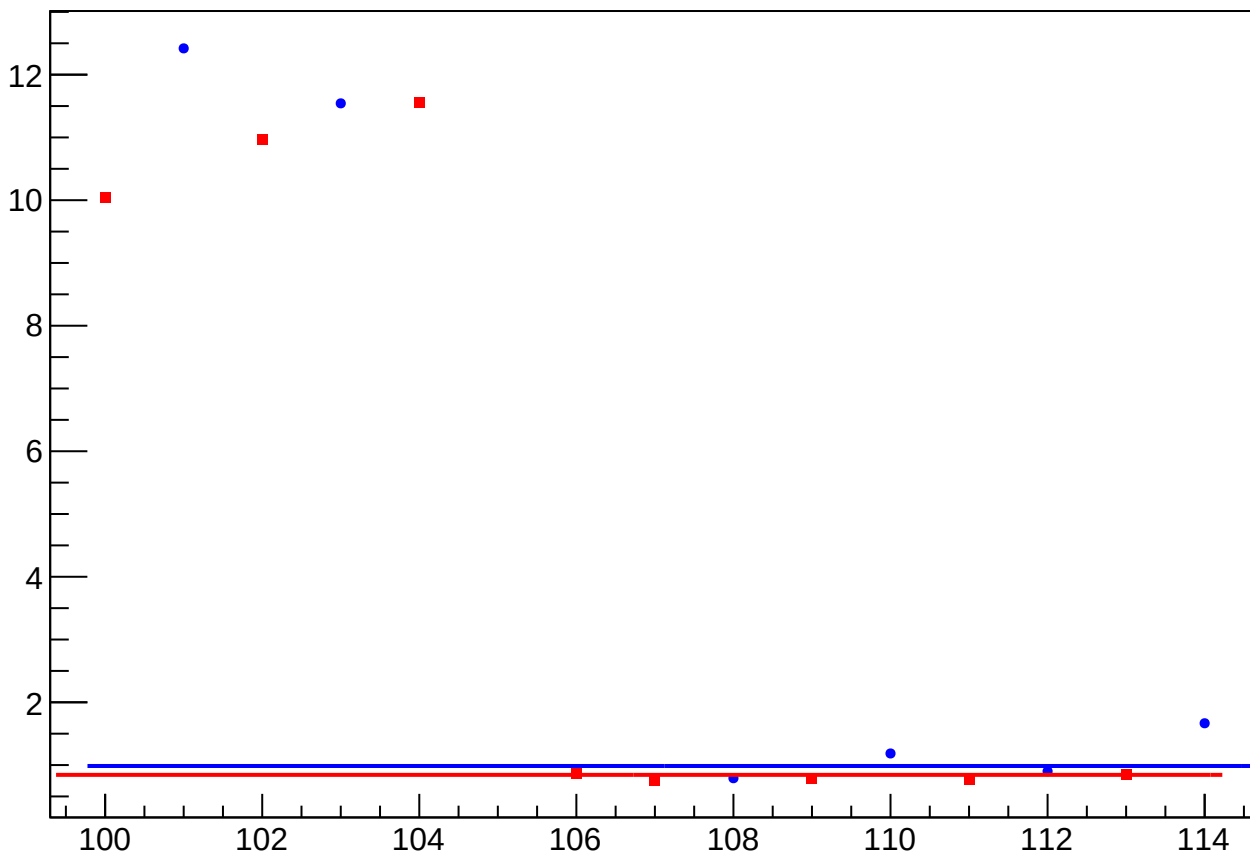
Right Out: 173.685+/-0.001 χ^2/NDF : 15967343718.2/7

All: 172.928+/-0.001 χ^2/NDF : 30195464387.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug



Right In: 0.985 $\pm$ 0.001 χ^2 /NDF: 2121756.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 2025995.7/7

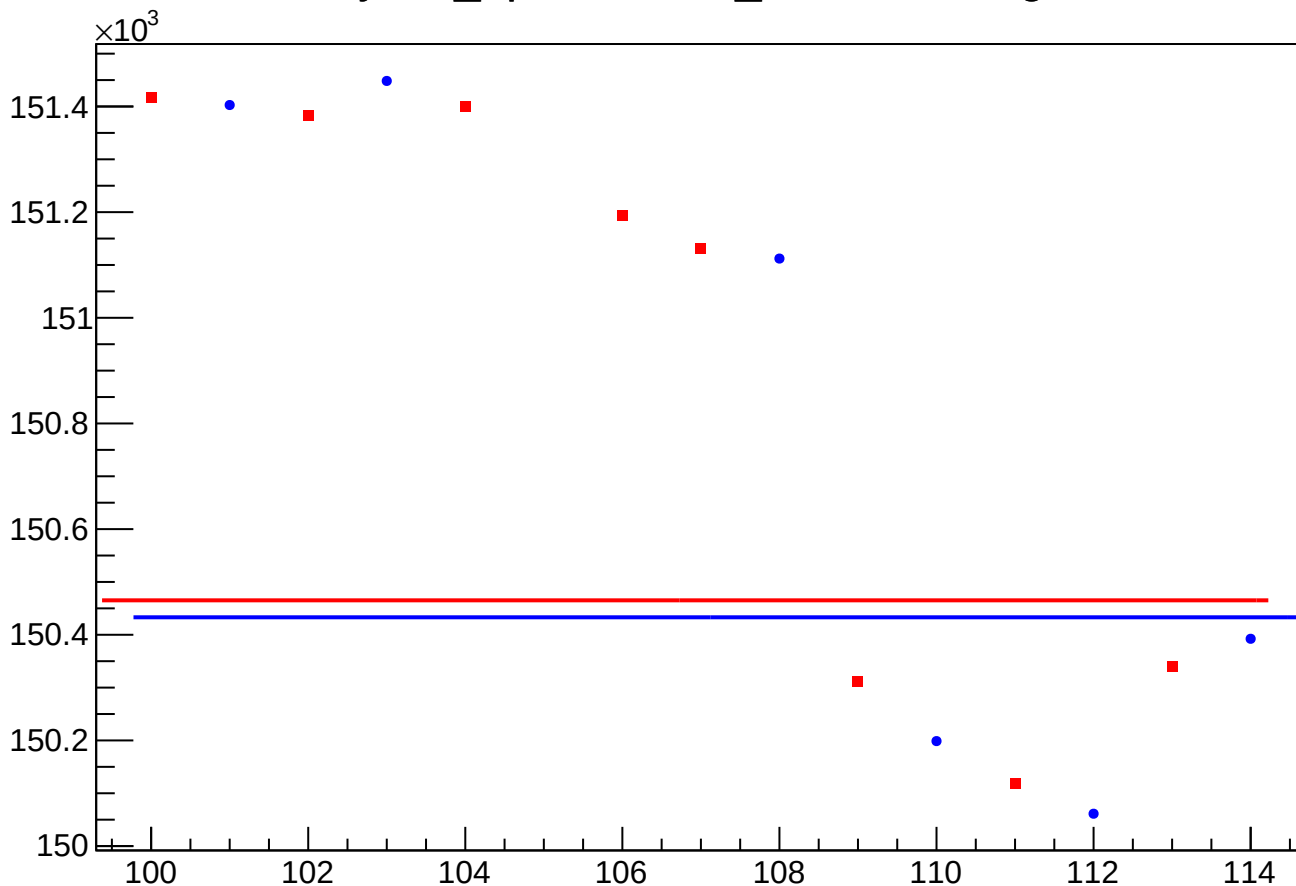
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.894 $\pm$ 0.000 χ^2 /NDF: 4179398.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150433.081 $\pm$ 0.090 χ^2 /NDF: 28247513.5/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

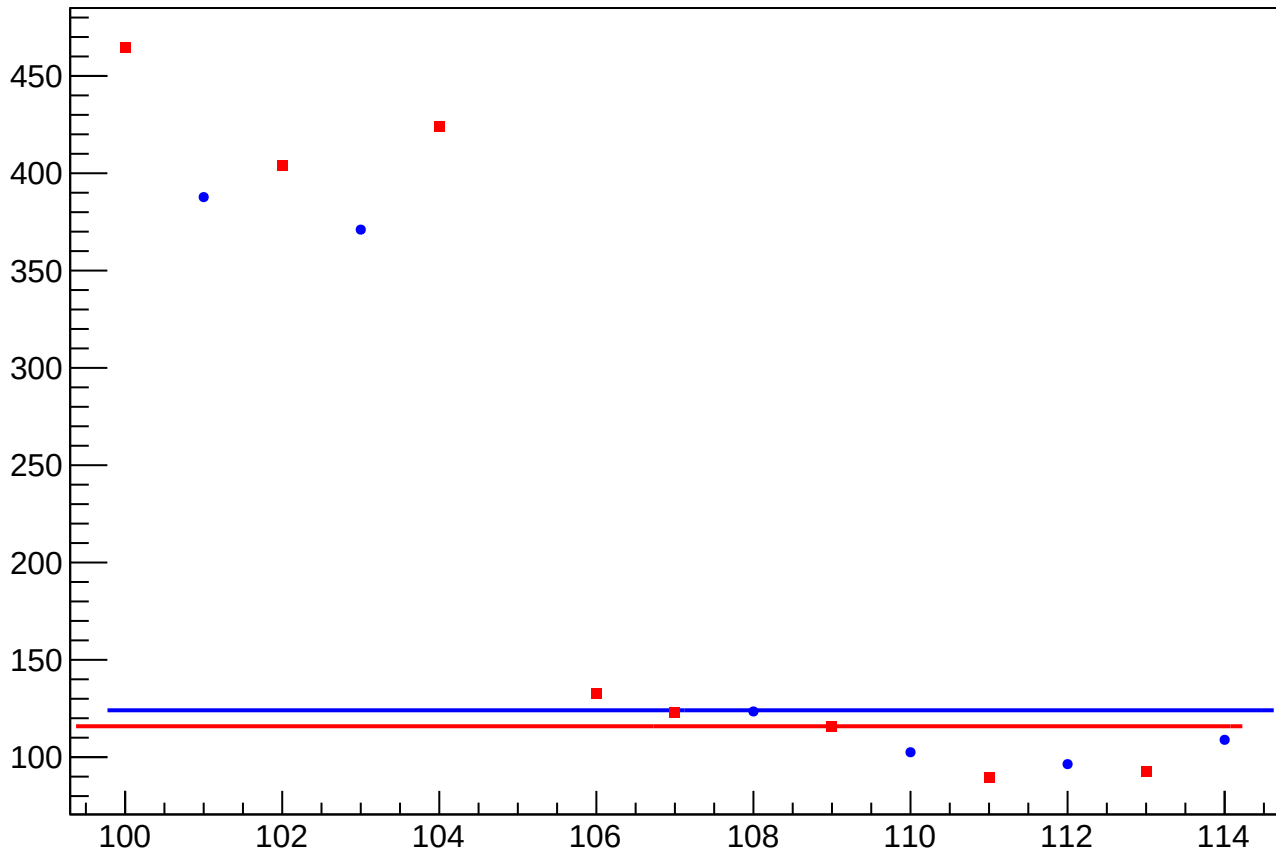
Right Out: 150465.191 $\pm$ 0.074 χ^2 /NDF: 30789901.1/7

All: 150452.223 $\pm$ 0.057 χ^2 /NDF: 59113274.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 124.078+/-0.064 χ^2/NDF : 1217210.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.873+/-0.052 χ^2/NDF : 1426901.2/7

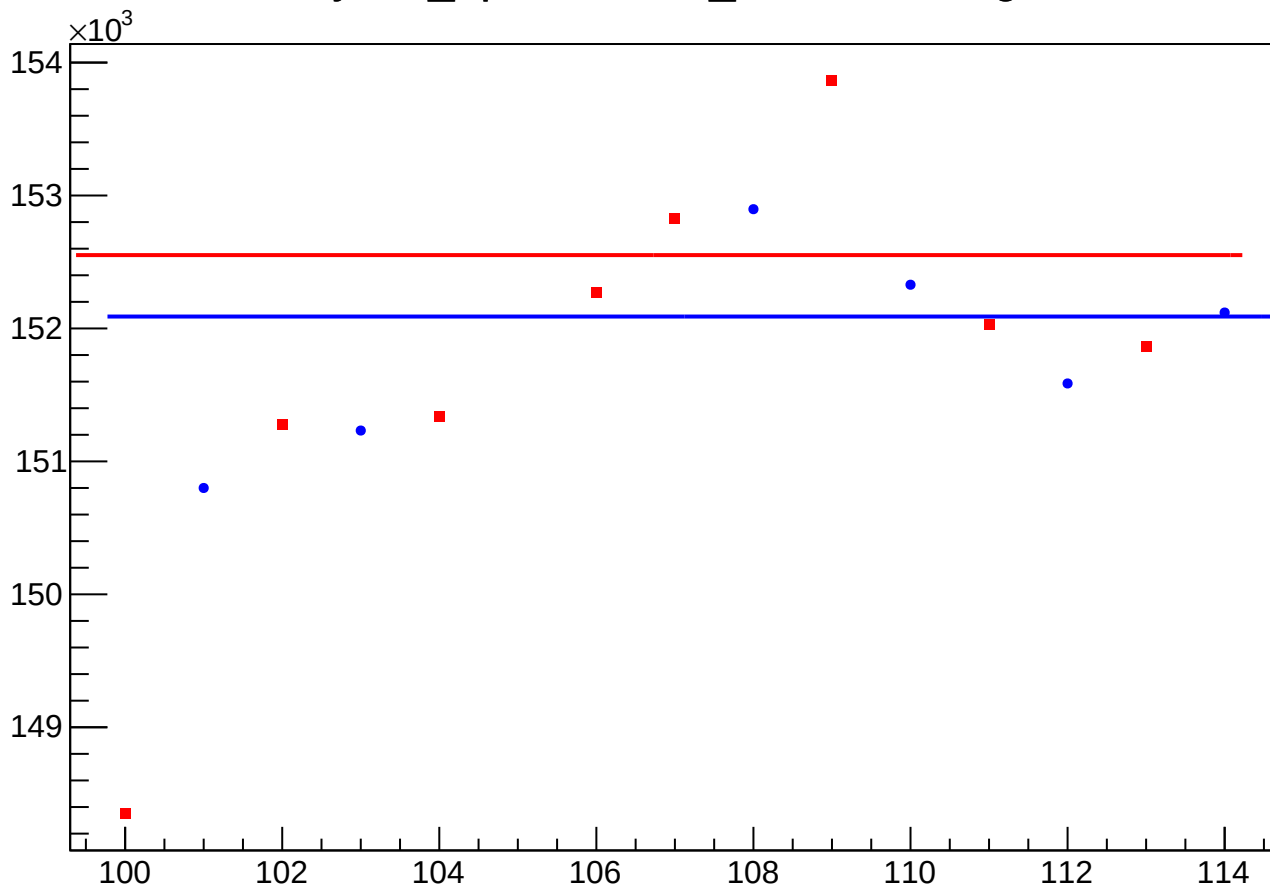
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.187+/-0.040 χ^2/NDF : 2654019.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152089.601 $\pm$ 0.131 χ^2 /NDF: 23865877.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

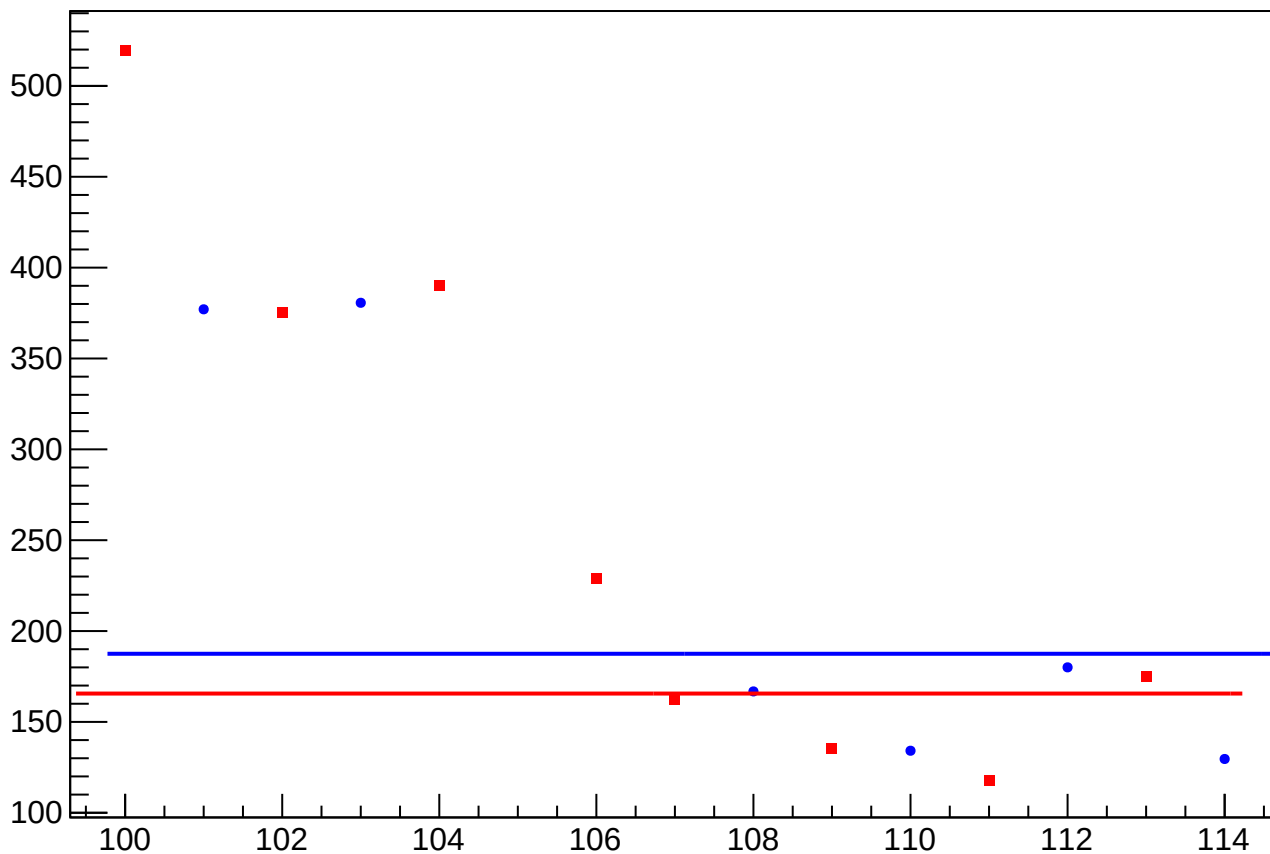
Right Out: 152551.732 $\pm$ 0.106 χ^2 /NDF: 76119658.0/7

All: 152369.117 $\pm$ 0.082 χ^2 /NDF: 107551216

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 187.496+/-0.092 χ^2/NDF : 798229.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.604+/-0.075 χ^2/NDF : 1041245.5/7

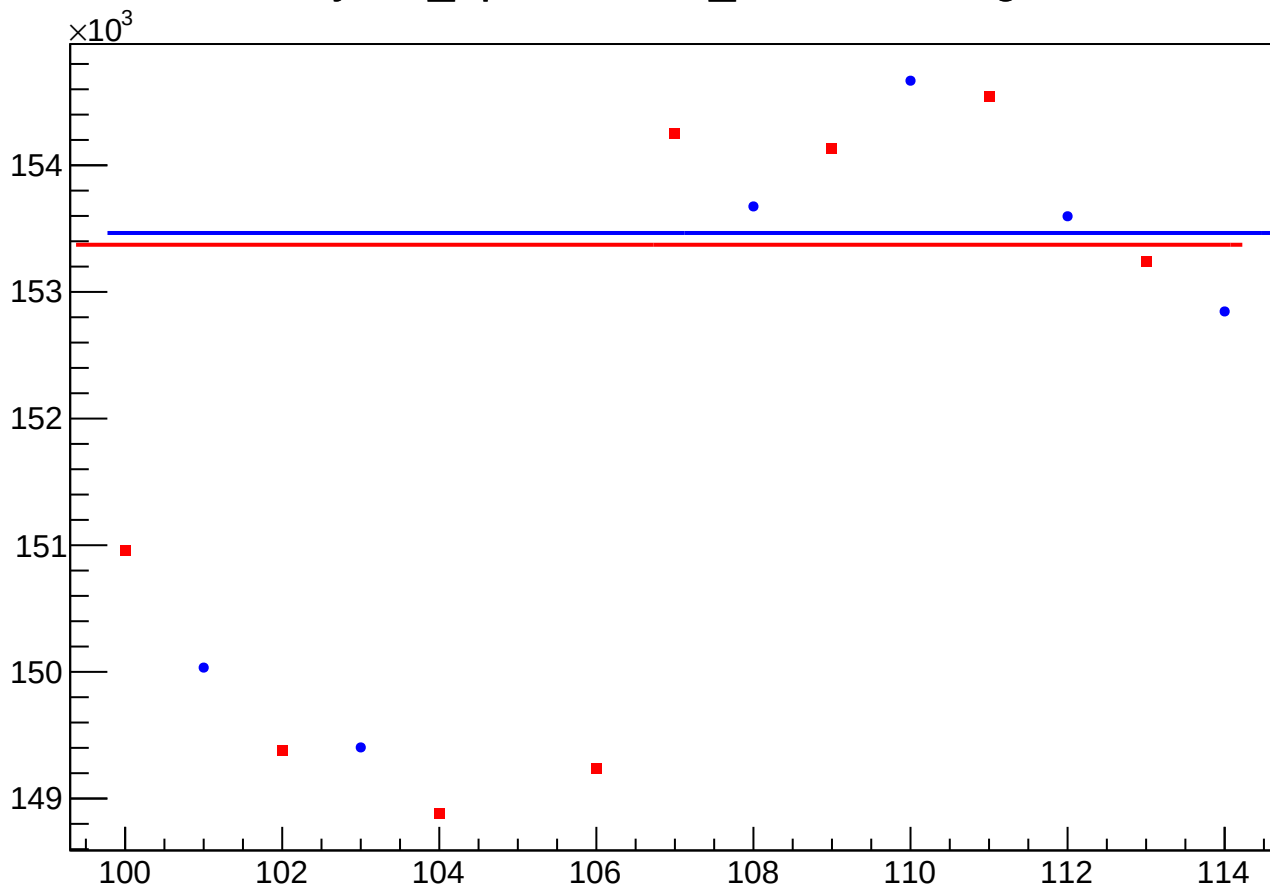
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.255+/-0.058 χ^2/NDF : 1873432.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 153465.433 $\pm$ 0.111 χ^2 /NDF: 144936657.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

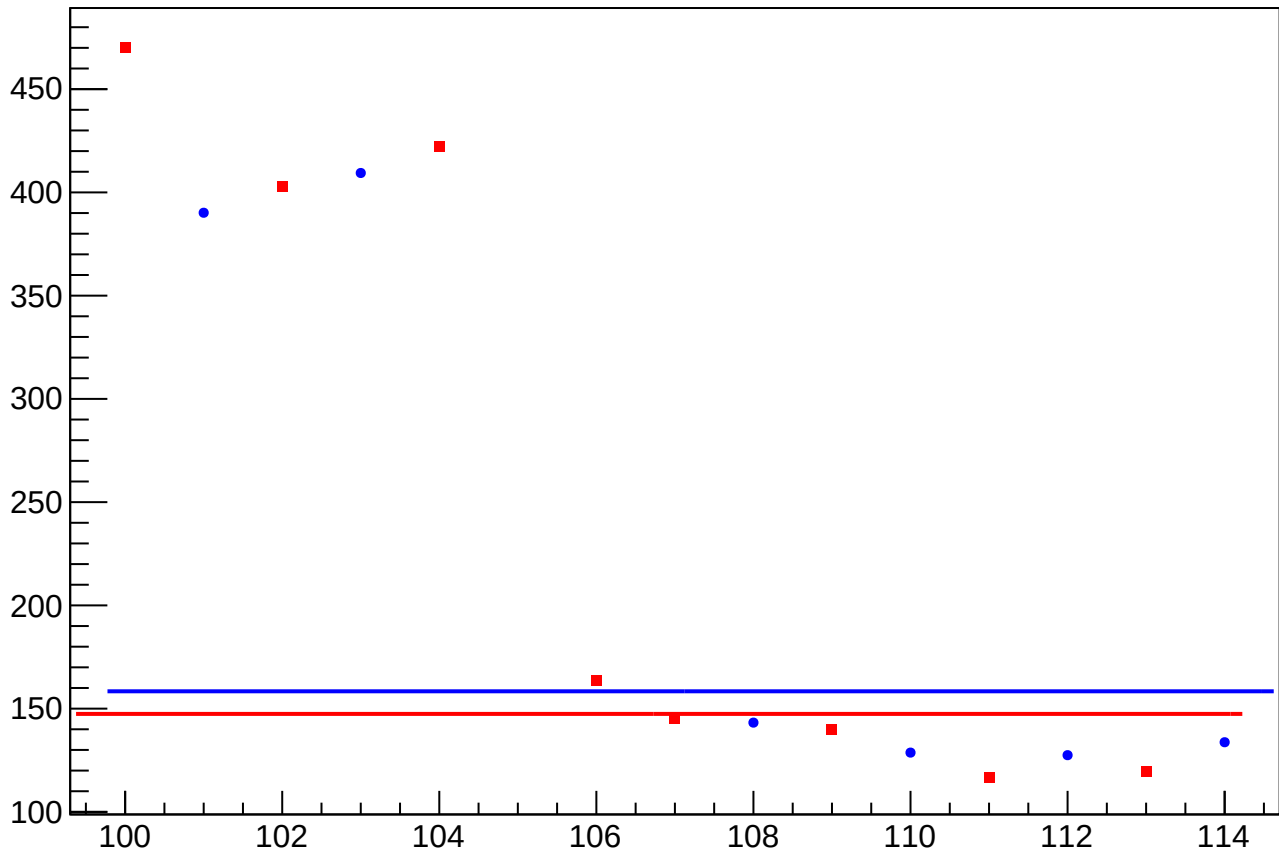
Right Out: 153372.433 $\pm$ 0.094 χ^2 /NDF: 323714999.9/7

All: 153411.017 $\pm$ 0.072 χ^2 /NDF: 46906135

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug



Right In: 158.396 $\pm$ 0.079 χ^2 /NDF: 1021054.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.447 $\pm$ 0.066 χ^2 /NDF: 1141726.0/7

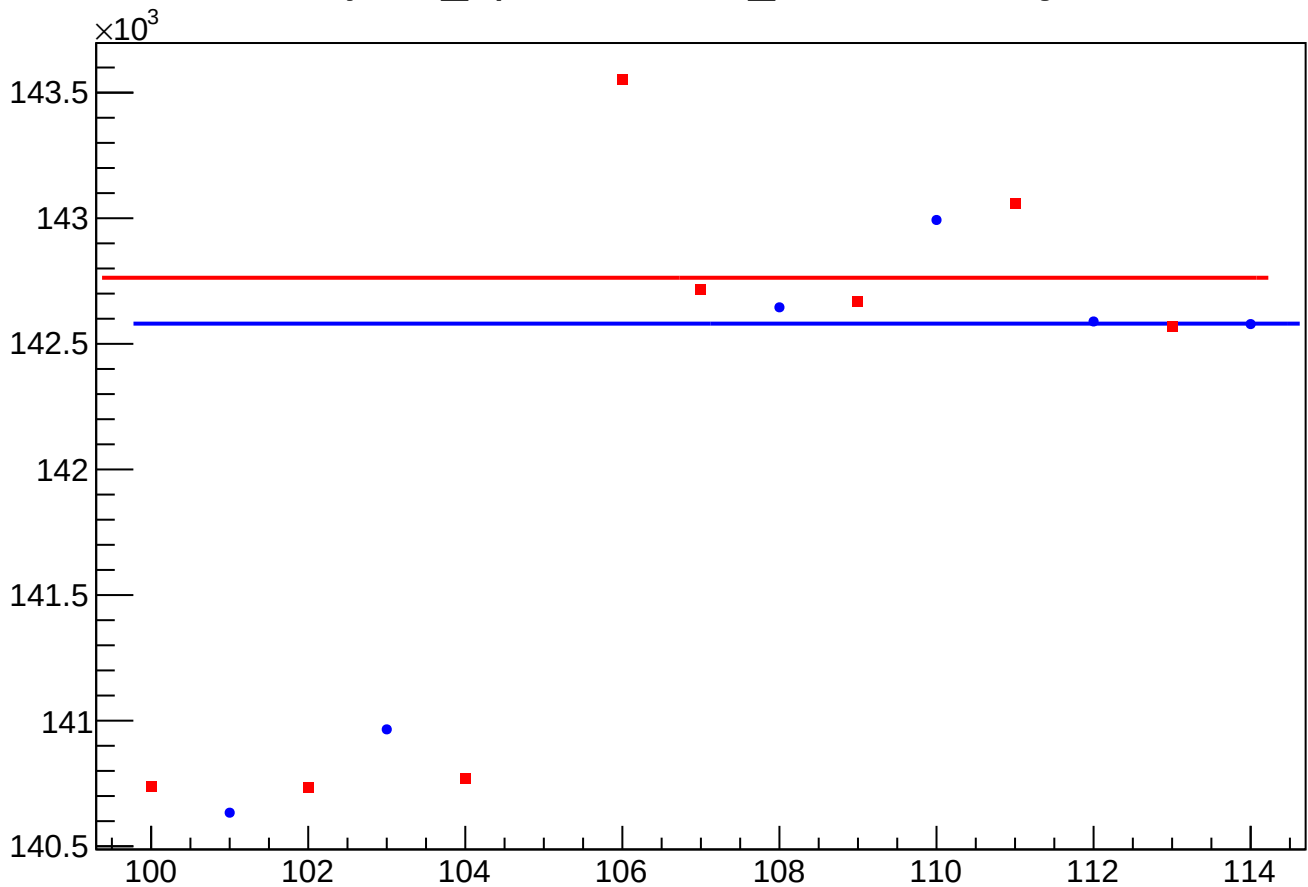
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.989 $\pm$ 0.051 χ^2 /NDF: 2174139.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_mean vs Slug



Right In: 142580.474 $\pm$ 0.086 χ^2 /NDF: 37757457.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

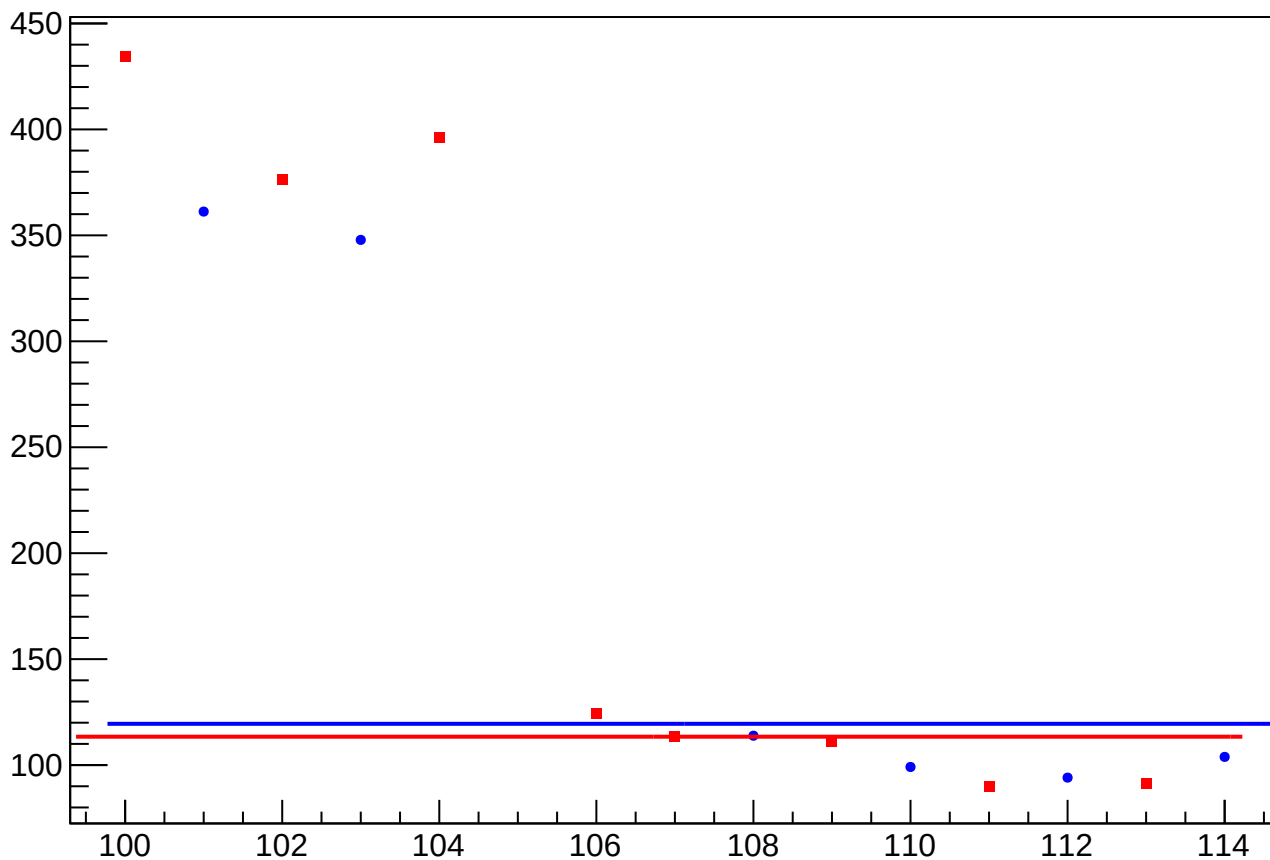
Right Out: 142763.096 $\pm$ 0.072 χ^2 /NDF: 53135388.8/7

All: 142688.185 $\pm$ 0.055 χ^2 /NDF: 93536076.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug



Right In: 119.481 $\pm$ 0.061 χ^2 /NDF: 1180350.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.397 $\pm$ 0.051 χ^2 /NDF: 1353453.3/7

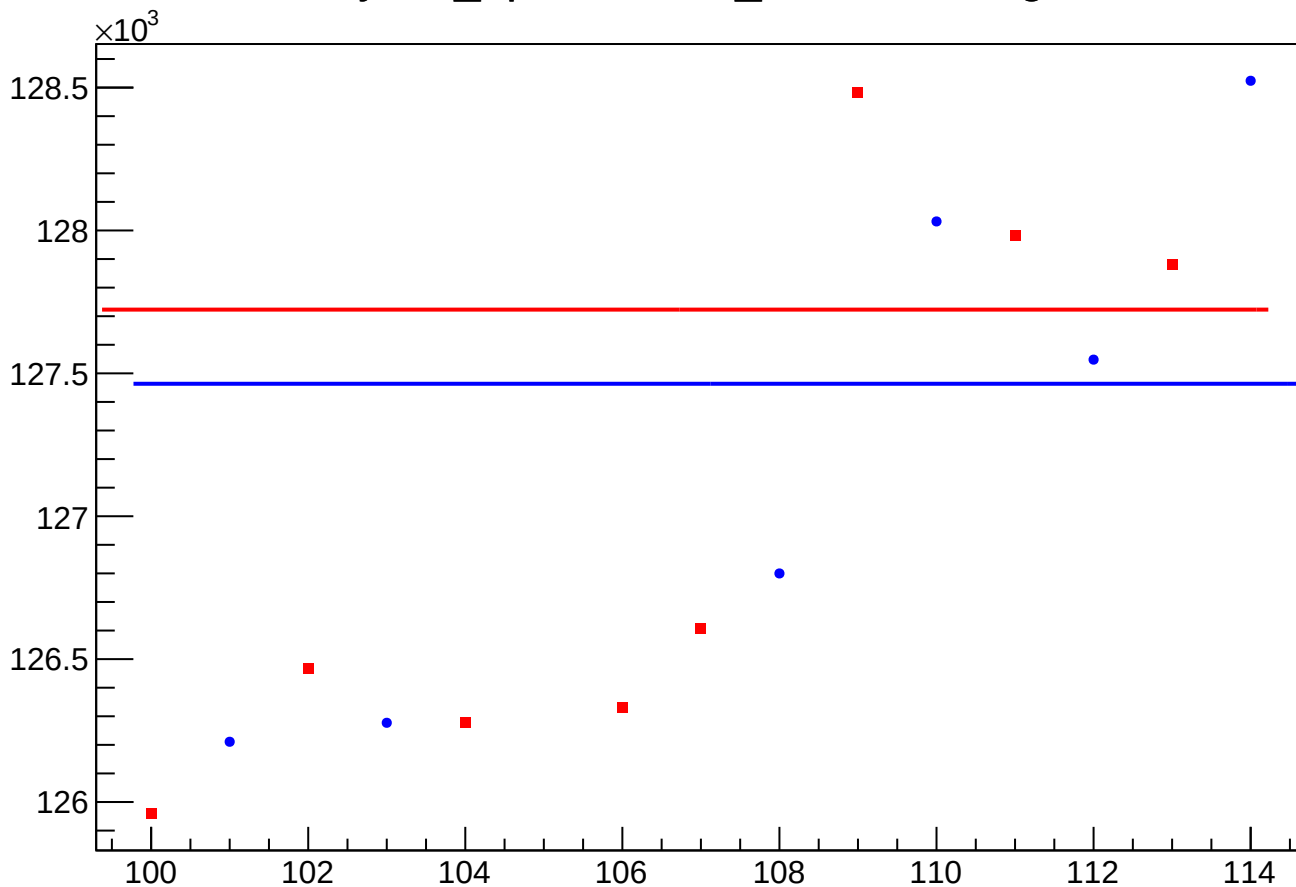
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.892 $\pm$ 0.039 χ^2 /NDF: 2539671.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127463.558 $\pm$ 0.106 χ^2 /NDF: 46468643.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

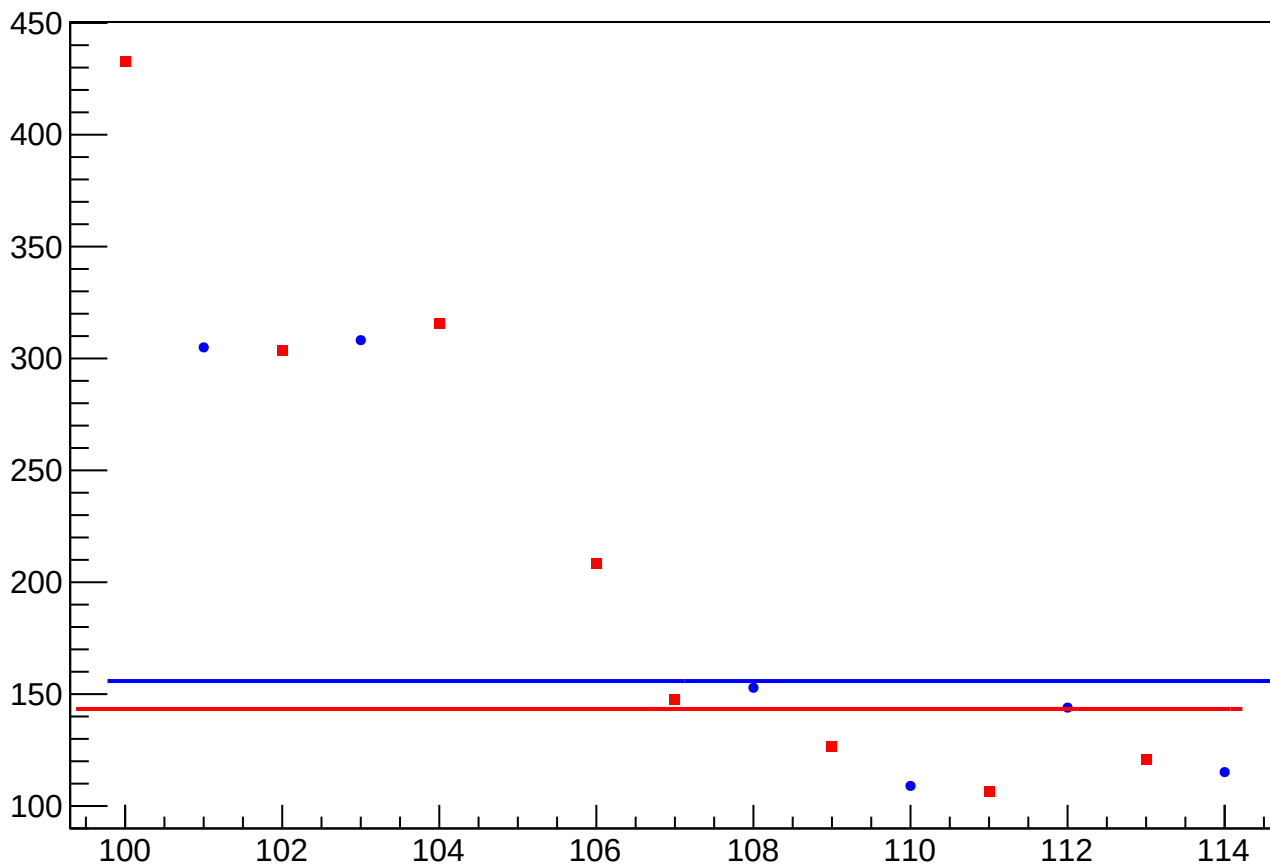
Right Out: 127723.057 $\pm$ 0.088 χ^2 /NDF: 70278913.3/7

All: 127617.005 $\pm$ 0.068 χ^2 /NDF: 120295740

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 155.852 $\pm$ 0.075 χ^2 /NDF: 771997.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143.374 $\pm$ 0.062 χ^2 /NDF: 938729.9/7

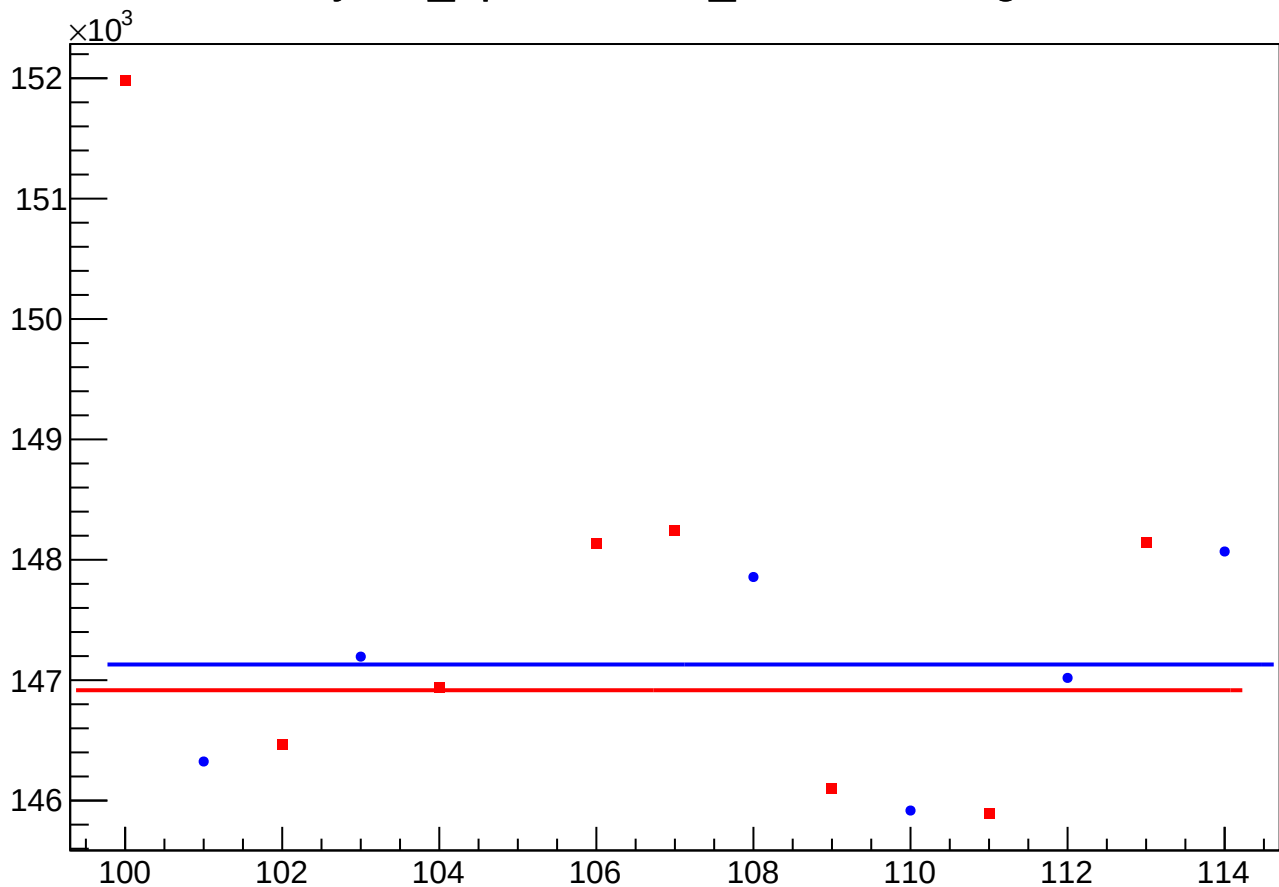
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.473 $\pm$ 0.048 χ^2 /NDF: 1727134.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 147130.291 $\pm$ 0.151 χ^2 /NDF: 27451787.5/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

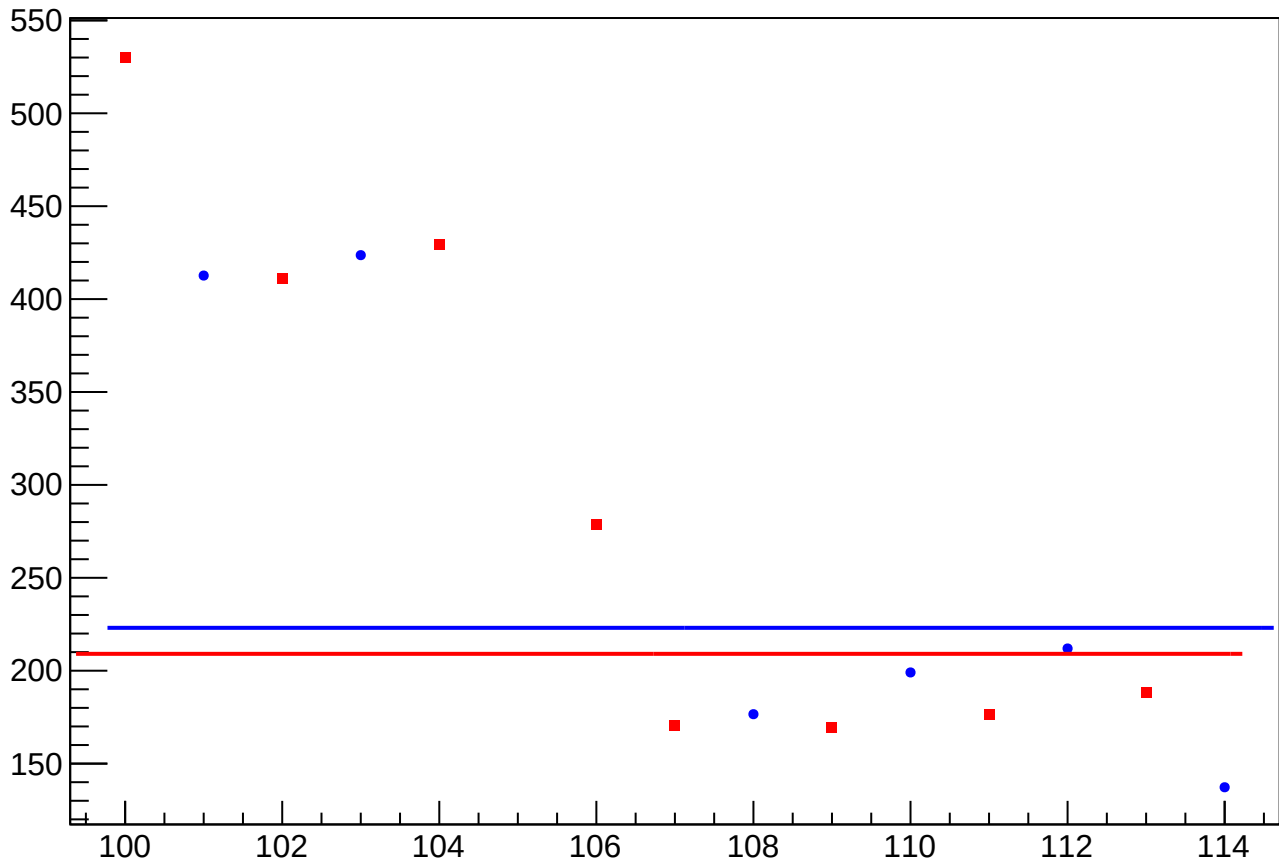
Right Out: 146916.476 $\pm$ 0.128 χ^2 /NDF: 70193415.4/7

All: 147005.668 $\pm$ 0.098 χ^2 /NDF: 98809332.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug



Right In: 223.082 $\pm$ 0.107 χ^2 /NDF: 701571.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.082 $\pm$ 0.091 χ^2 /NDF: 788893.7/7

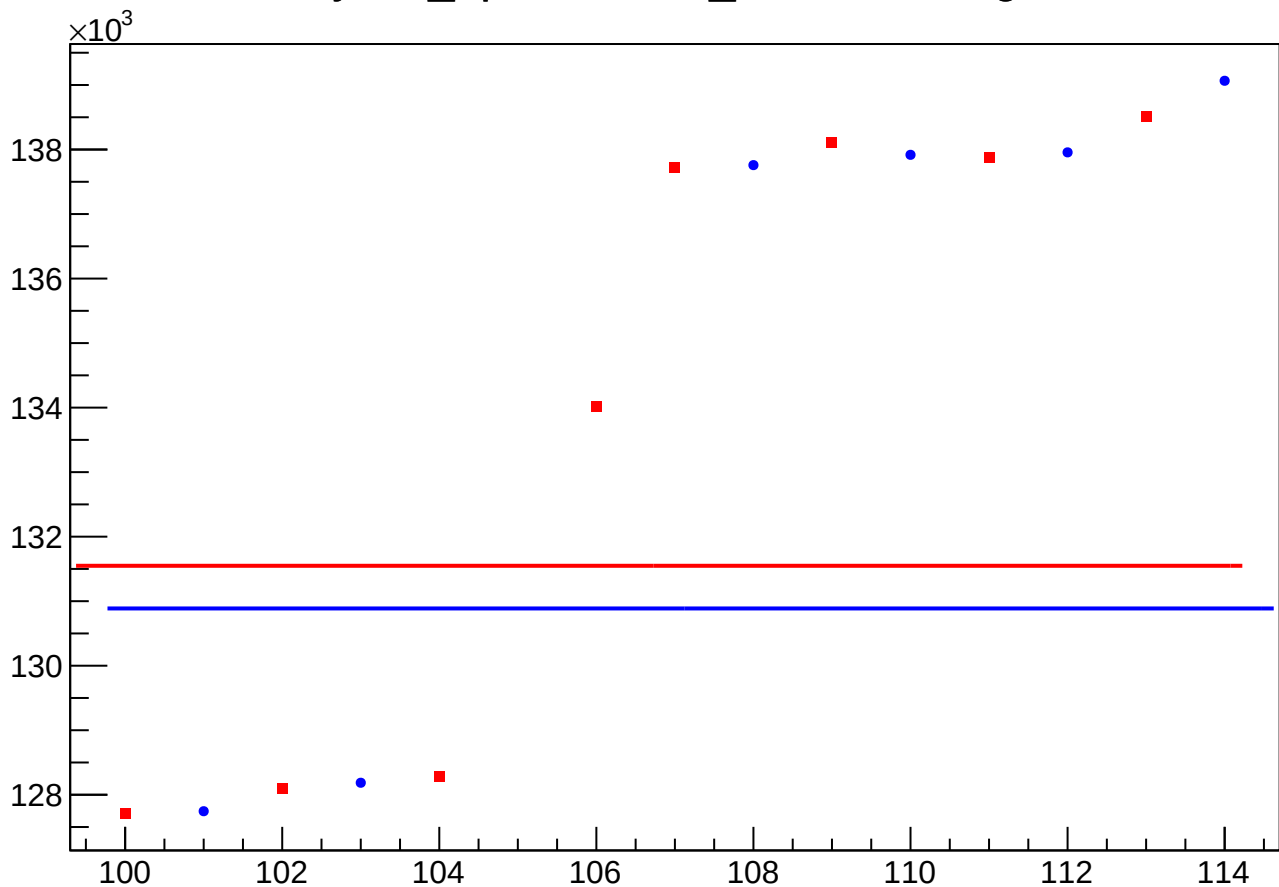
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 214.922 $\pm$ 0.069 χ^2 /NDF: 1500448.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 130887.284 $\pm$ 0.237 χ^2 /NDF: 369695932.3/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

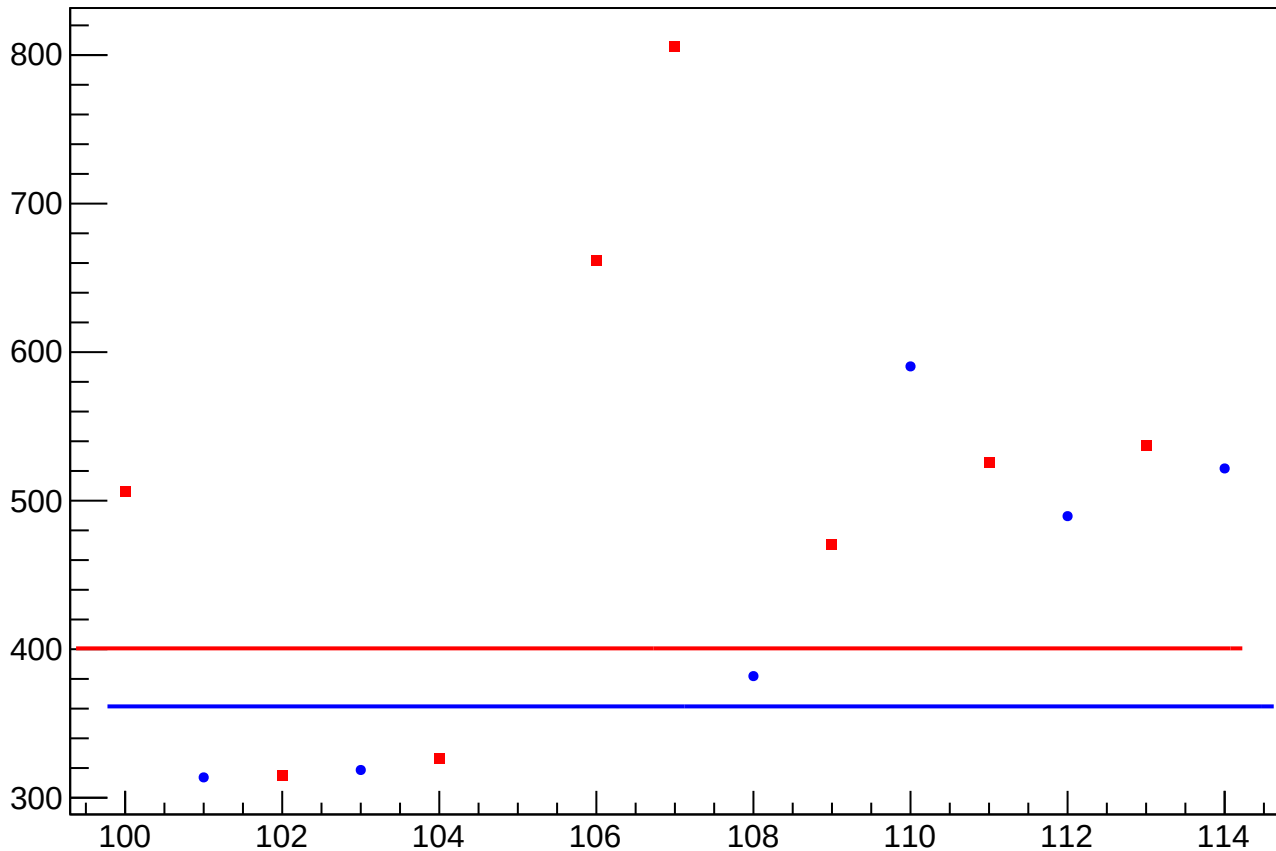
All: 131220.567 $\pm$ 0.167 χ^2 /NDF: 759436532.3/7

Right Out: 131548.626 $\pm$ 0.236 χ^2 /NDF: 385832078.3/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug



Right In: 361.497 $\pm$ 0.168 χ^2 /NDF: 238071.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 400.561 $\pm$ 0.167 χ^2 /NDF: 488917.1/7

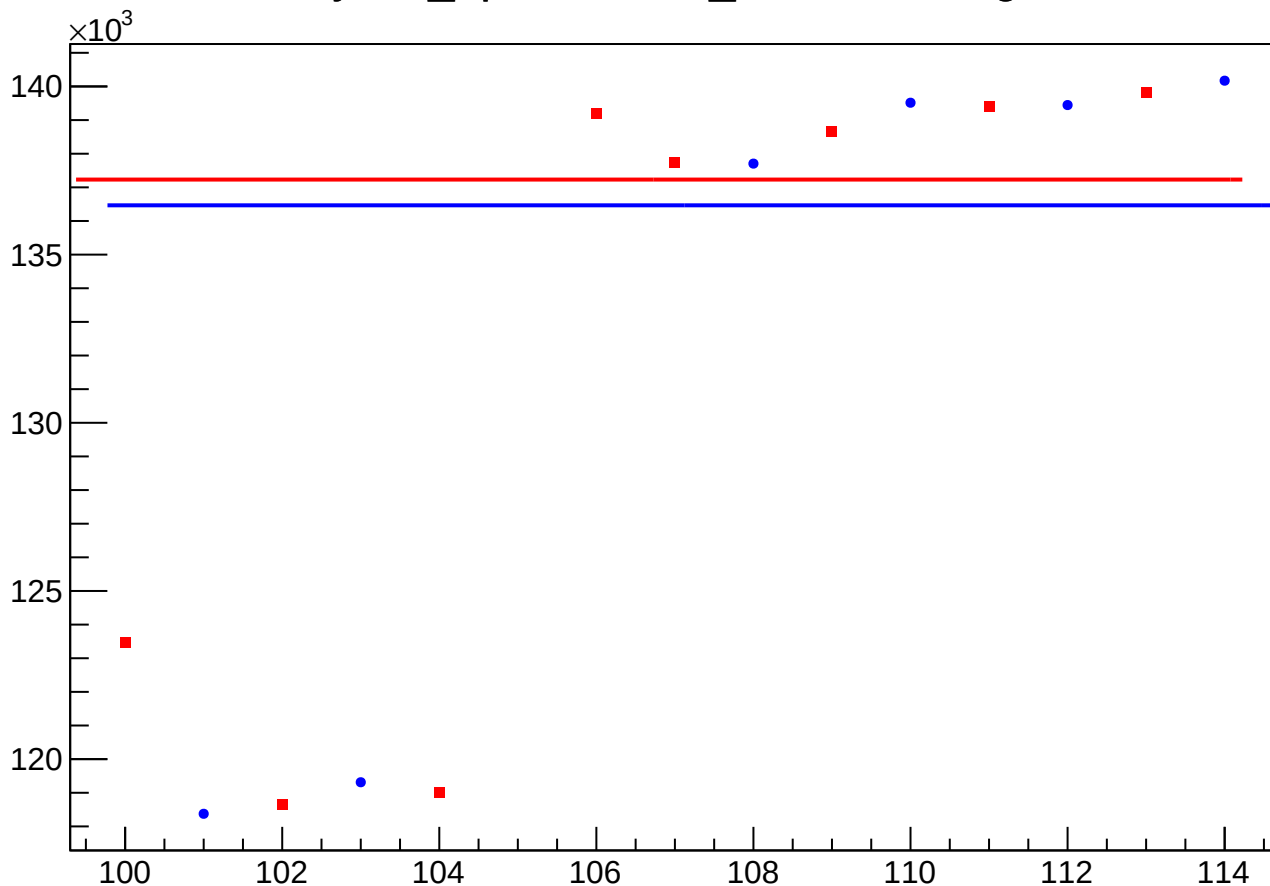
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 381.183 $\pm$ 0.118 χ^2 /NDF: 754263.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 136465.866 $\pm$ 0.109 χ^2 /NDF: 4100191403.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

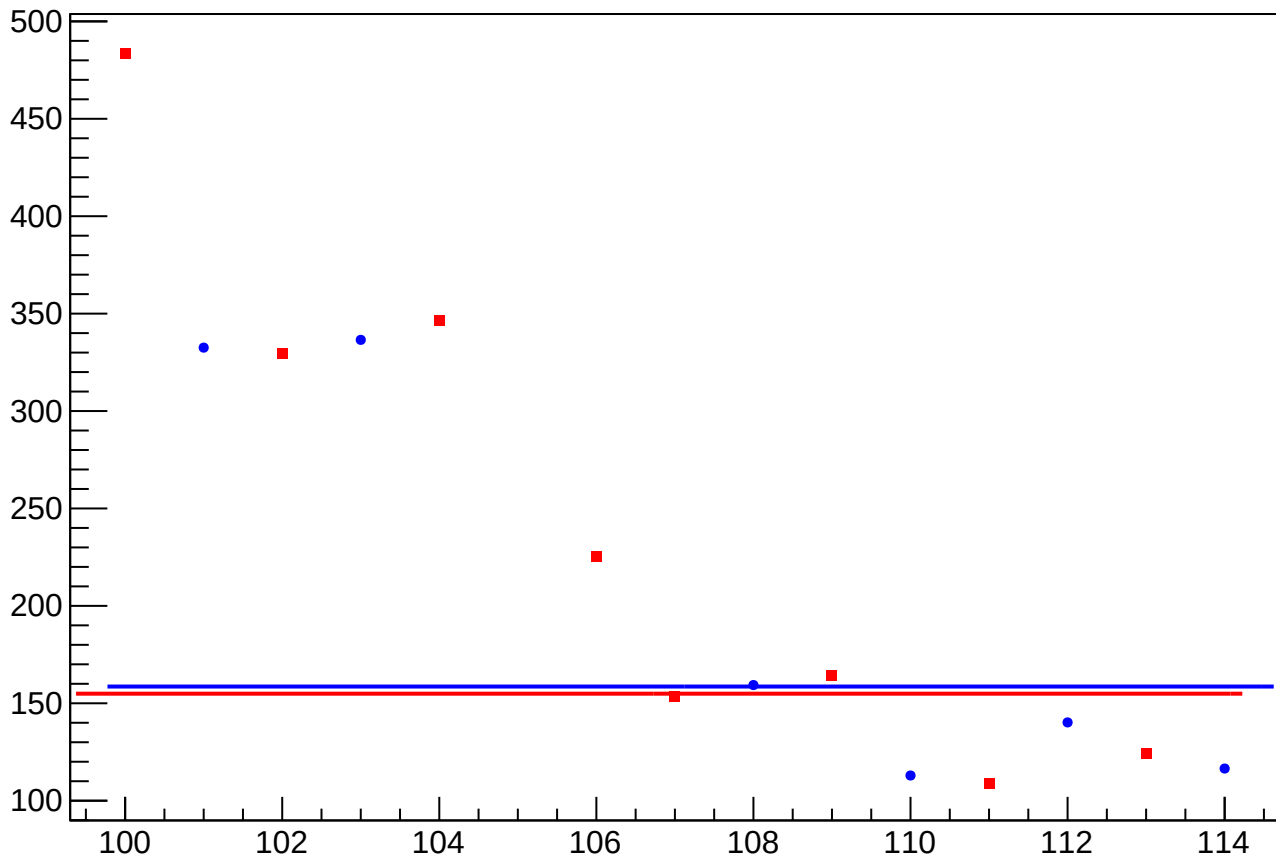
All: 136897.941 $\pm$ 0.072 χ^2 /NDF: 810287984

Right Out: 137231.480 $\pm$ 0.096 χ^2 /NDF: 3974804621.8/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug



Right In: 158.594 $\pm$ 0.077 χ^2 /NDF: 854092.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.930 $\pm$ 0.068 χ^2 /NDF: 1012940.5/7

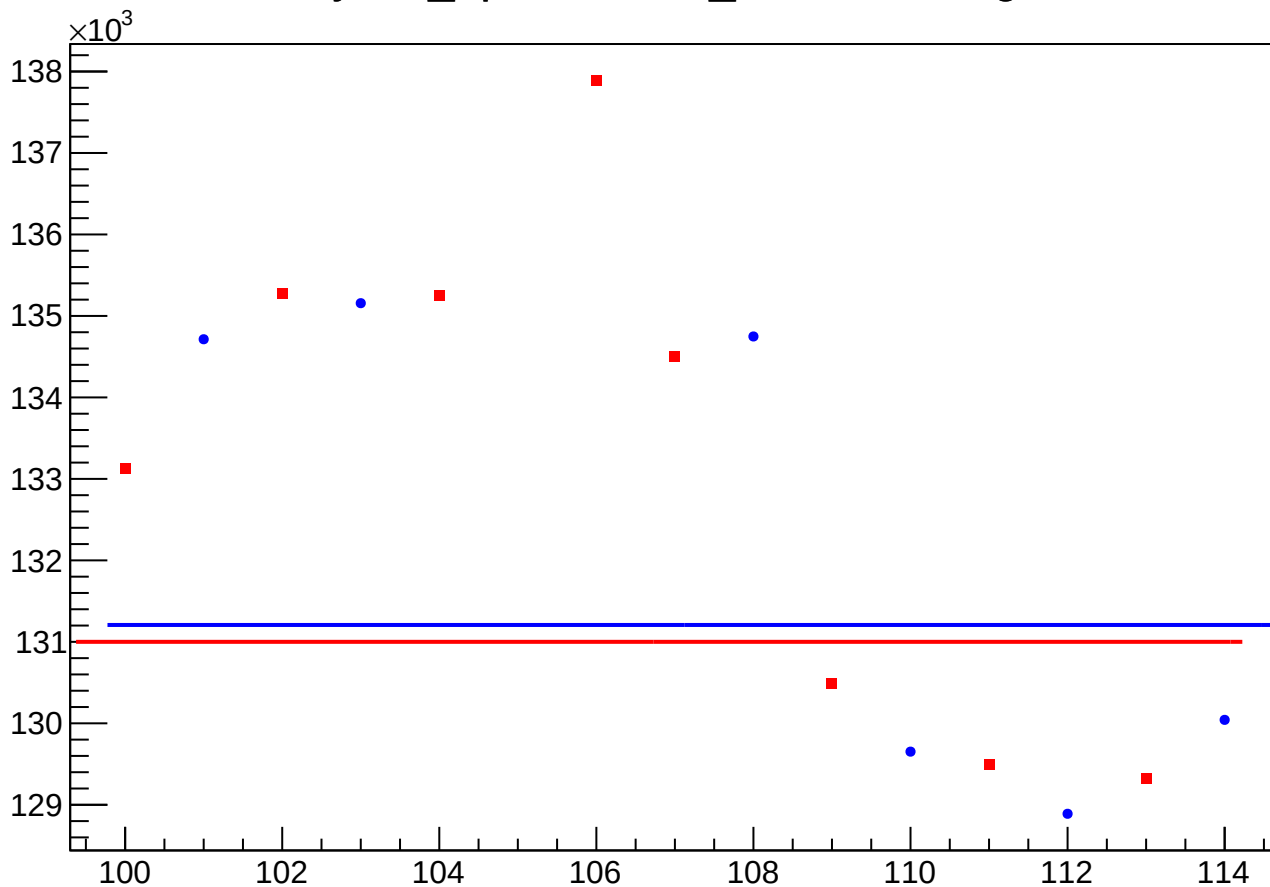
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.526 $\pm$ 0.051 χ^2 /NDF: 1868310.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_mean vs Slug



Right In: 131207.230 $\pm$ 0.119 χ^2 /NDF: 456487347.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

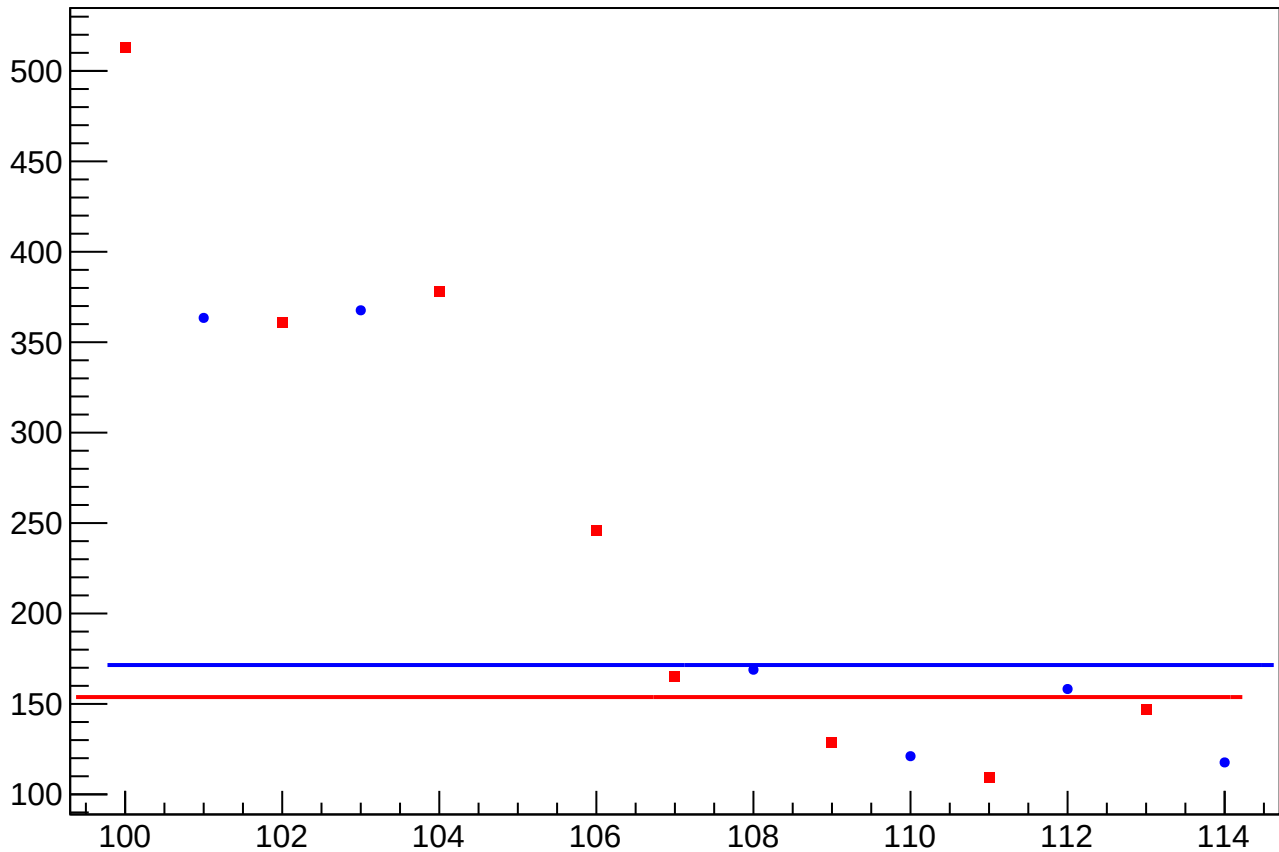
Right Out: 131000.219 $\pm$ 0.098 χ^2 /NDF: 614711695.5/7

All: 131083.243 $\pm$ 0.075 χ^2 /NDF: 107300553

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug



Right In: 171.505 $\pm$ 0.084 χ^2 /NDF: 877330.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.792 $\pm$ 0.069 χ^2 /NDF: 1120282.9/7

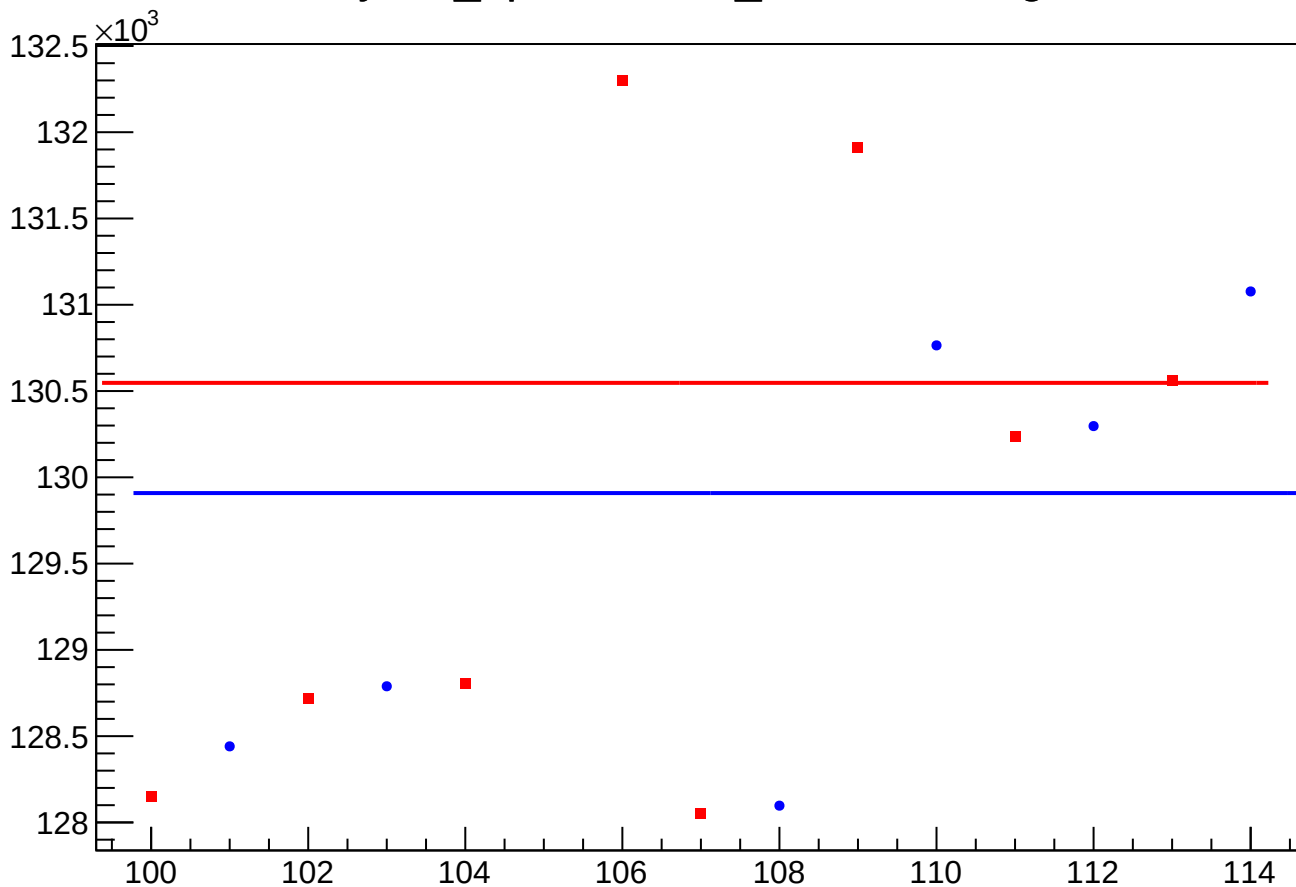
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.896 $\pm$ 0.053 χ^2 /NDF: 2024065.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 129908.697 $\pm$ 0.105 χ^2 /NDF: 113358665.4/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

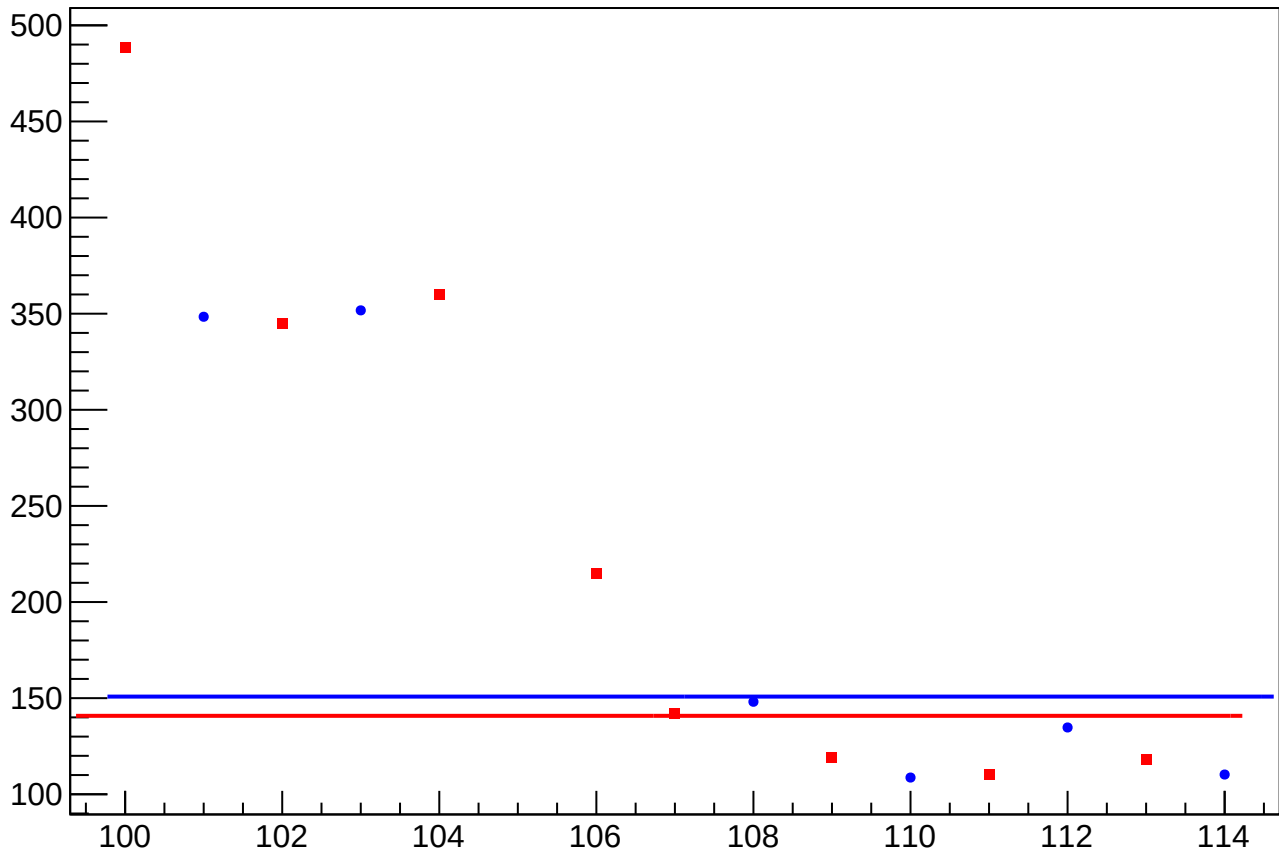
Right Out: 130547.394 $\pm$ 0.088 χ^2 /NDF: 192518116.8/7

All: 130283.566 $\pm$ 0.067 χ^2 /NDF: 32764508

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_rms vs Slug



Right In: 150.814 $\pm$ 0.074 χ^2 /NDF: 963750.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140.806 $\pm$ 0.062 χ^2 /NDF: 1107729.1/7

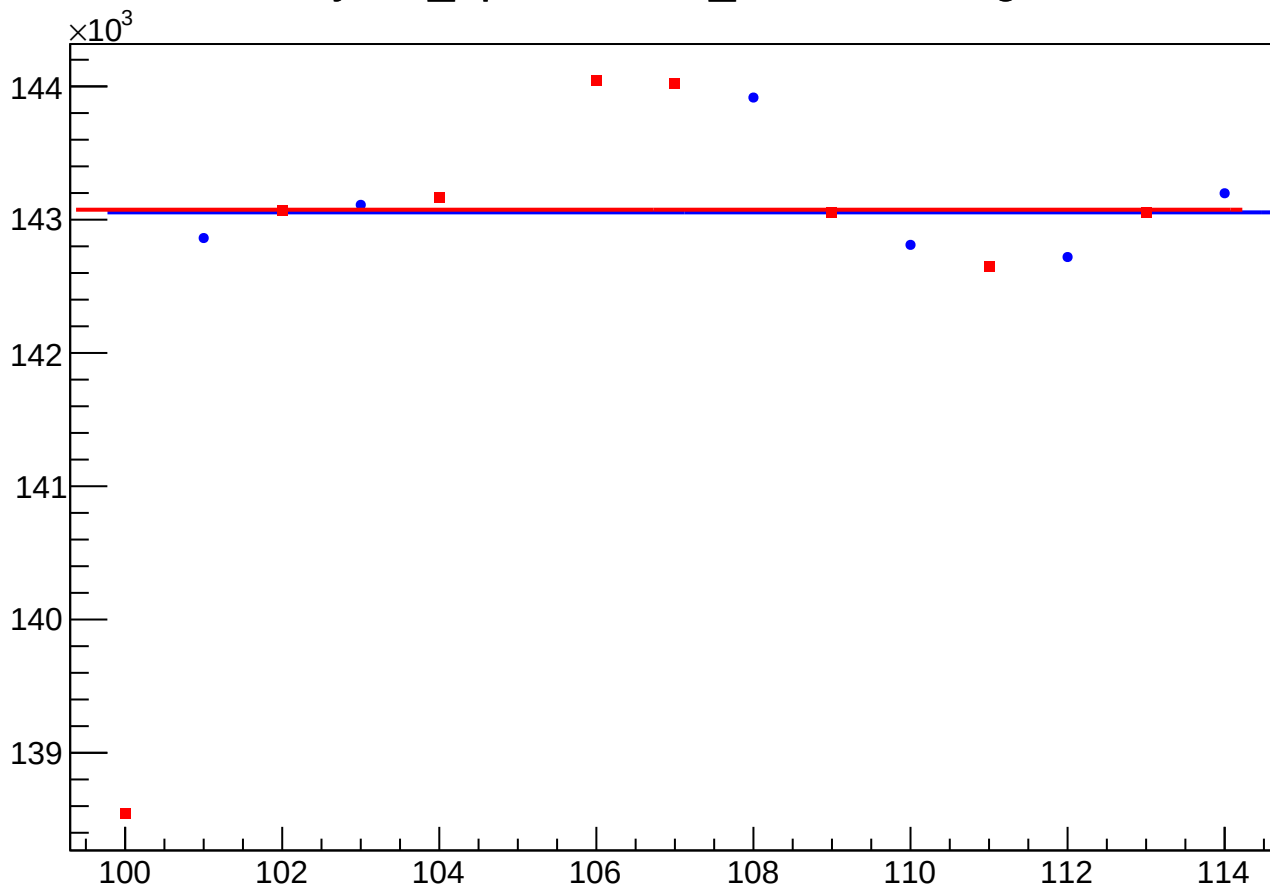
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.940 $\pm$ 0.048 χ^2 /NDF: 2082167.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143054.828 $\pm$ 0.114 χ^2 /NDF: 15231044.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

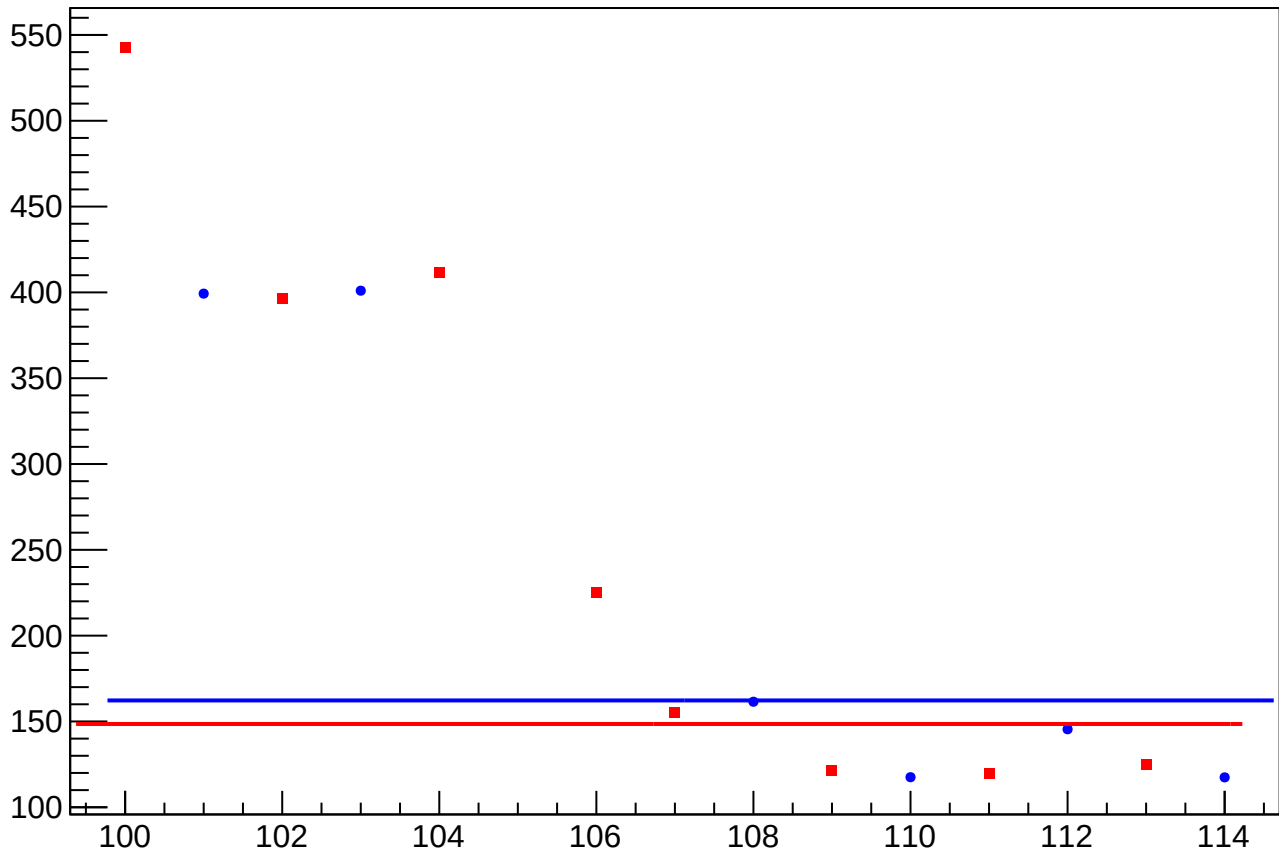
All: 143066.759 $\pm$ 0.072 χ^2 /NDF: 39993168.

Right Out: 143074.825 $\pm$ 0.093 χ^2 /NDF: 24743644.7/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug



Right In: 162.245 $\pm$ 0.080 χ^2 /NDF: 1037688.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.528 $\pm$ 0.066 χ^2 /NDF: 1202959.8/7

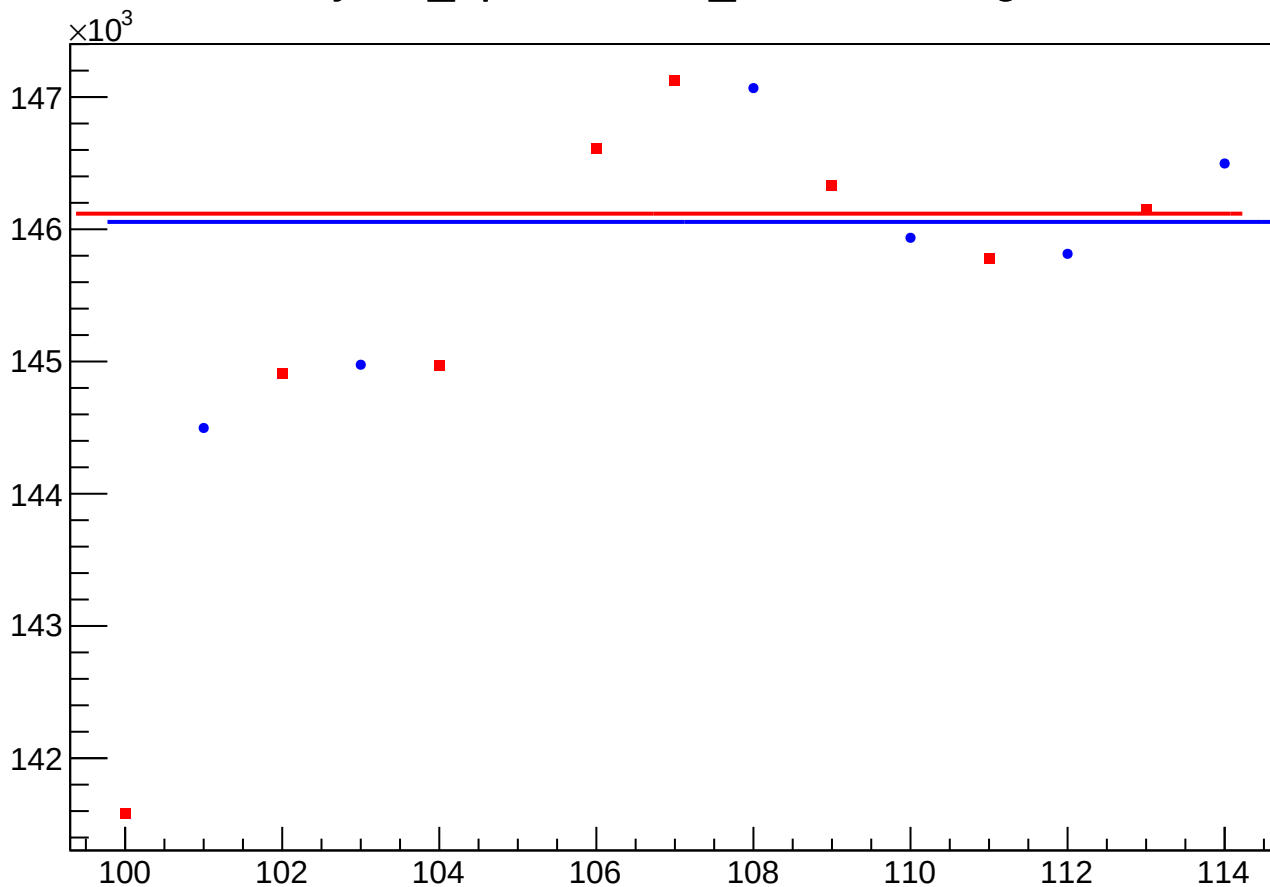
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.061 $\pm$ 0.051 χ^2 /NDF: 2258038.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146055.794 $\pm$ 0.117 χ^2 /NDF: 32688047.9/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

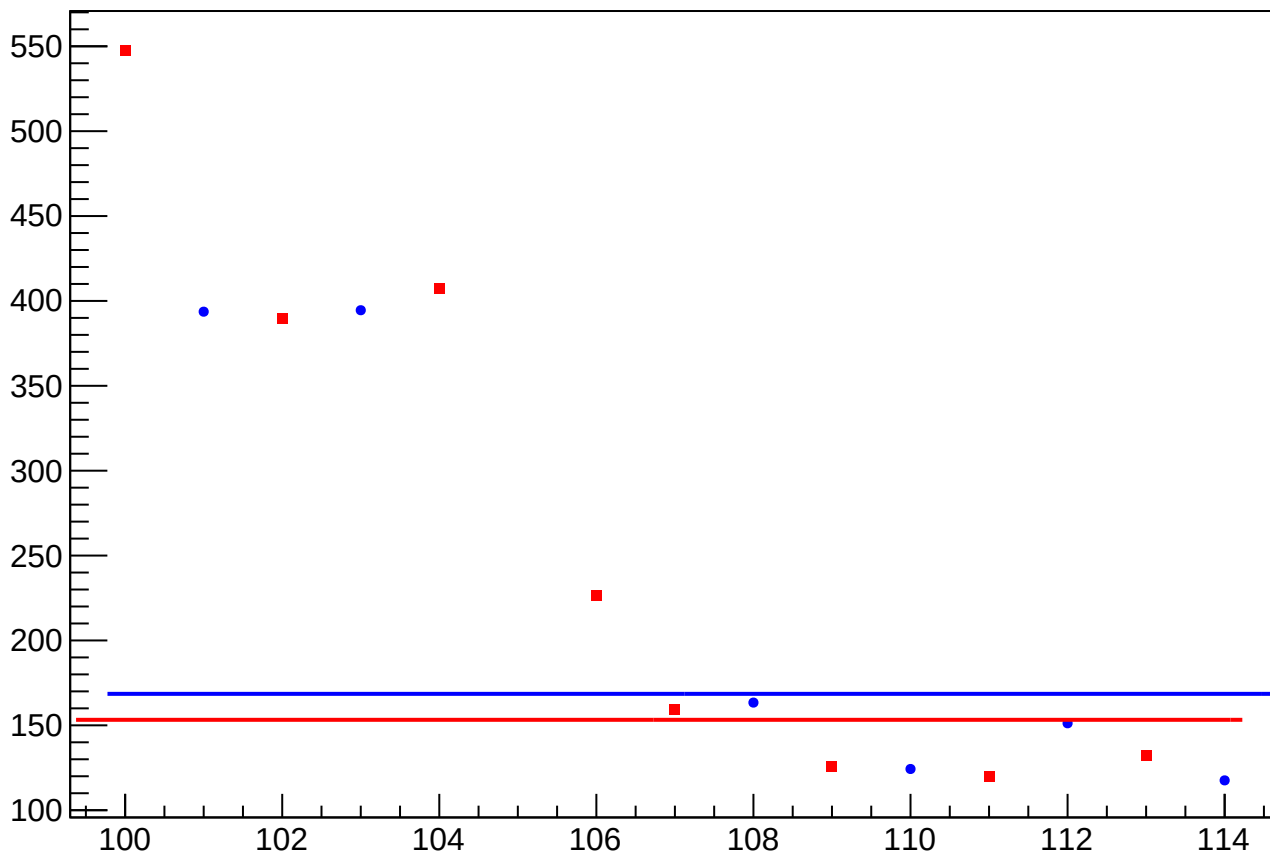
Right Out: 146118.163 $\pm$ 0.096 χ^2 /NDF: 31134565.4/7

All: 146093.159 $\pm$ 0.074 χ^2 /NDF: 63992439.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug



Right In: 168.545 $\pm$ 0.083 χ^2 /NDF: 969185.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.246 $\pm$ 0.068 χ^2 /NDF: 1152678.2/7

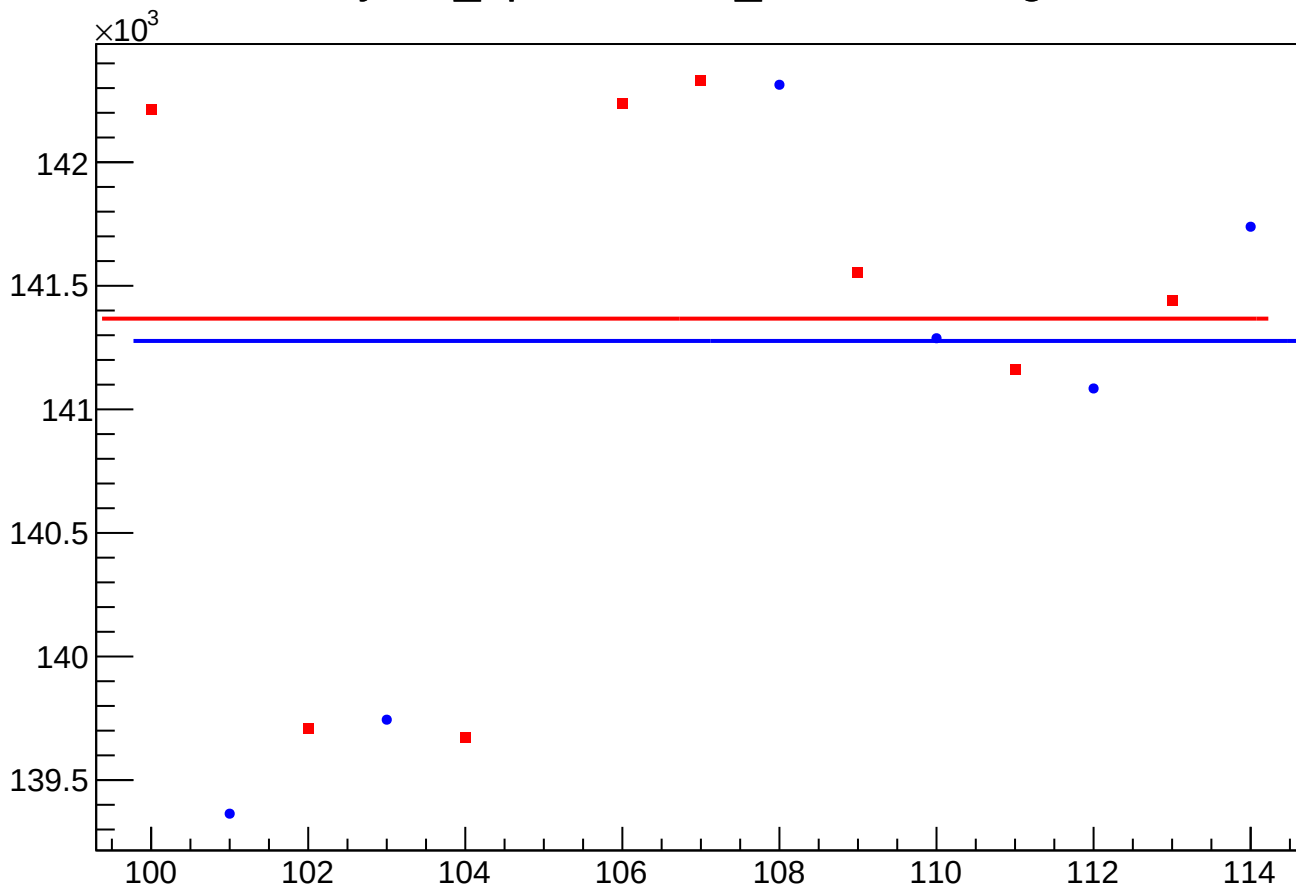
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.380 $\pm$ 0.052 χ^2 /NDF: 2142298.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141276.857 $\pm$ 0.118 χ^2 /NDF: 41515504.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

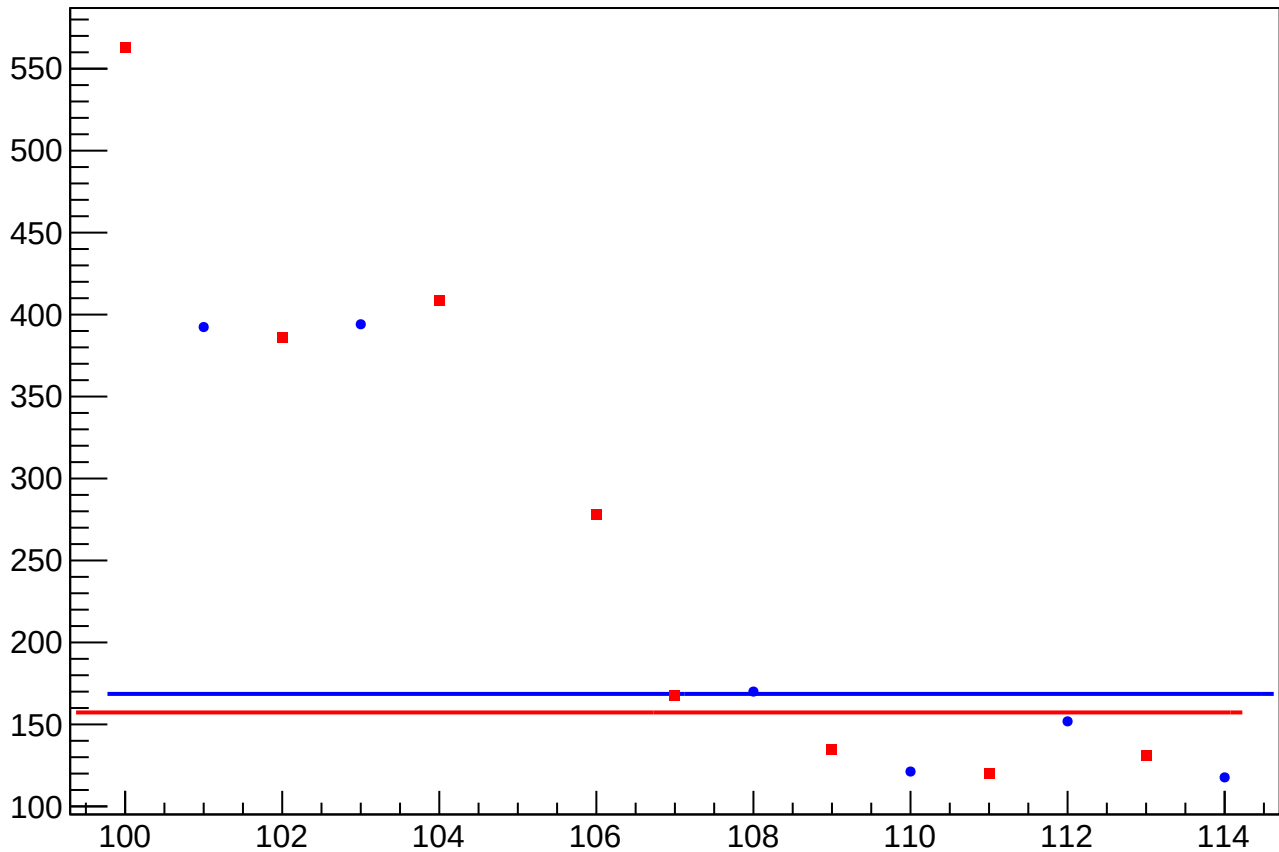
All: 141329.765 $\pm$ 0.076 χ^2 /NDF: 75876653.

Right Out: 141367.141 $\pm$ 0.099 χ^2 /NDF: 34015234.9/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug



Right In: 168.613 $\pm$ 0.083 χ^2 /NDF: 980570.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.298 $\pm$ 0.070 χ^2 /NDF: 1179117.3/7

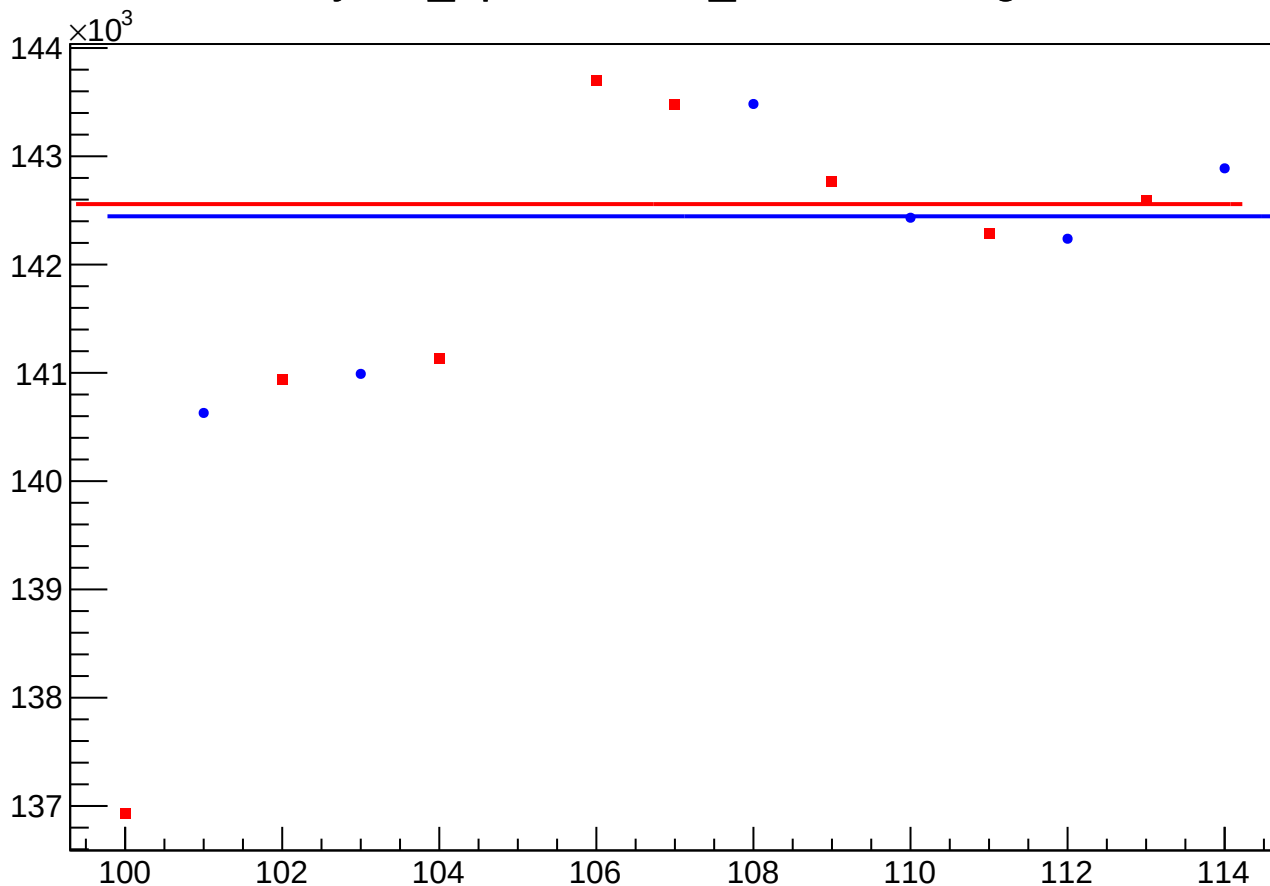
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.982 $\pm$ 0.053 χ^2 /NDF: 2170552.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142445.803 $\pm$ 0.118 χ^2 /NDF: 39221521.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

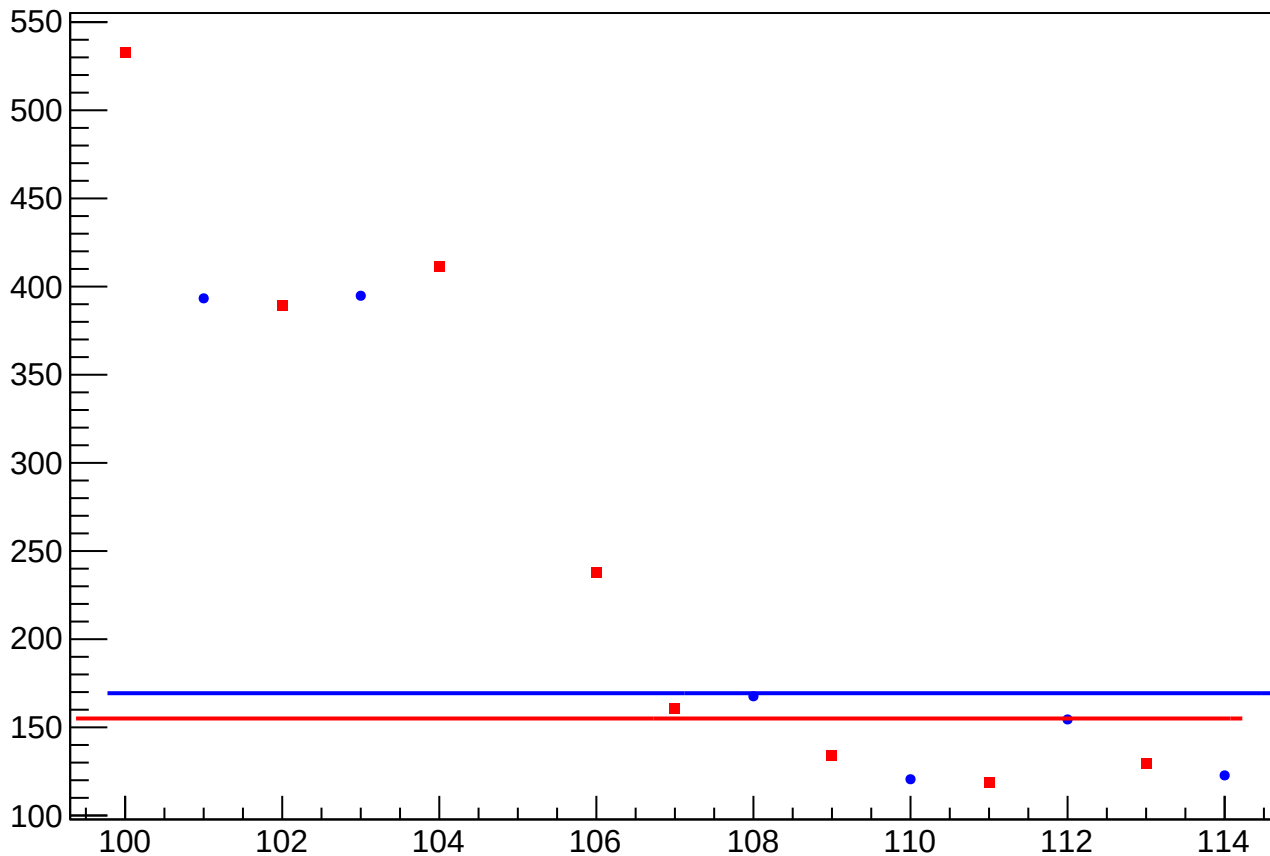
All: 142512.817 $\pm$ 0.075 χ^2 /NDF: 82969597.

Right Out: 142558.469 $\pm$ 0.097 χ^2 /NDF: 43204406.9/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug



Right In: 169.357+/-0.083 χ^2/NDF : 974866.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

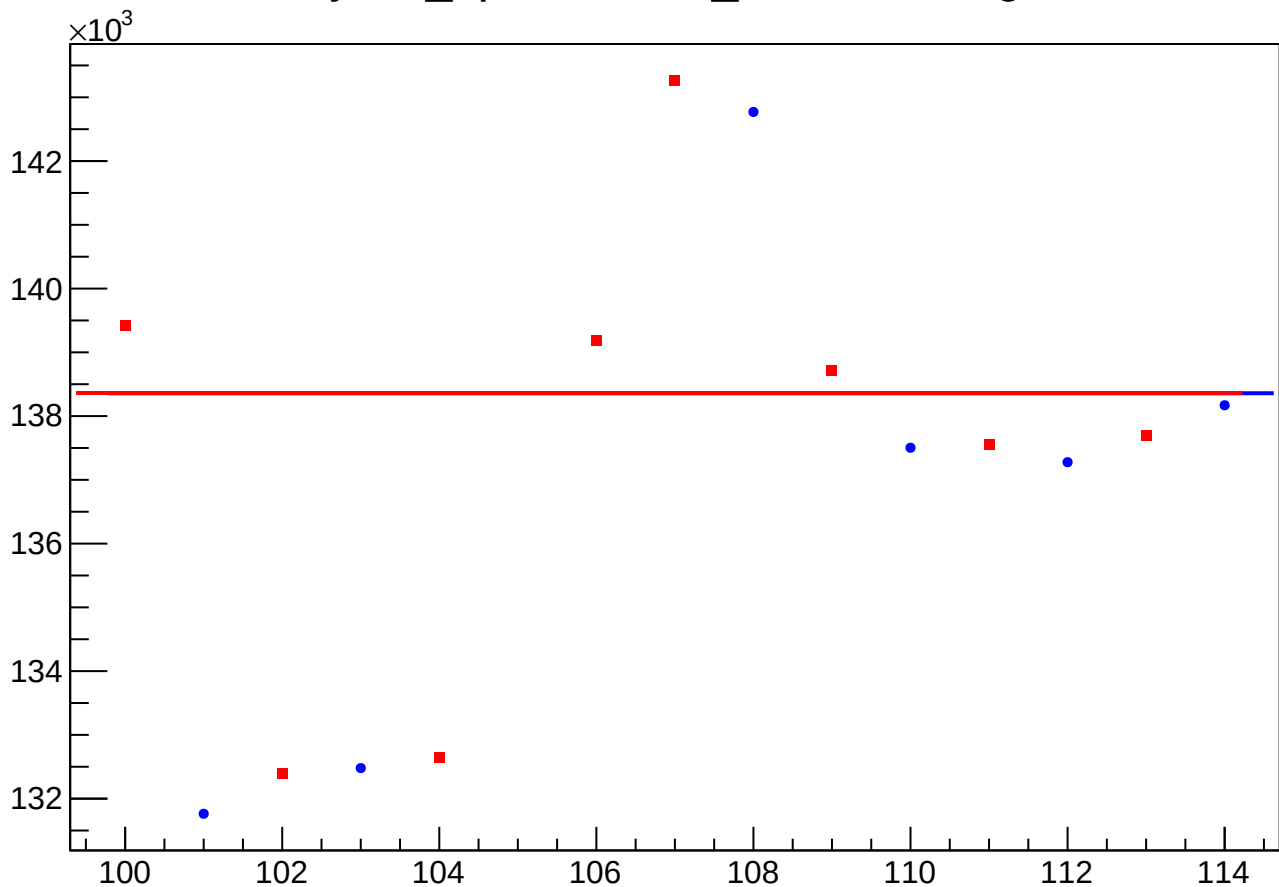
Right Out: 155.021+/-0.069 χ^2/NDF : 1147572.3/7

All: 160.830+/-0.053 χ^2/NDF : 2140042.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03WS_mean vs Slug



Right In: 138358.083 $\pm$ 0.201 χ^2 /NDF: 423154623.3/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

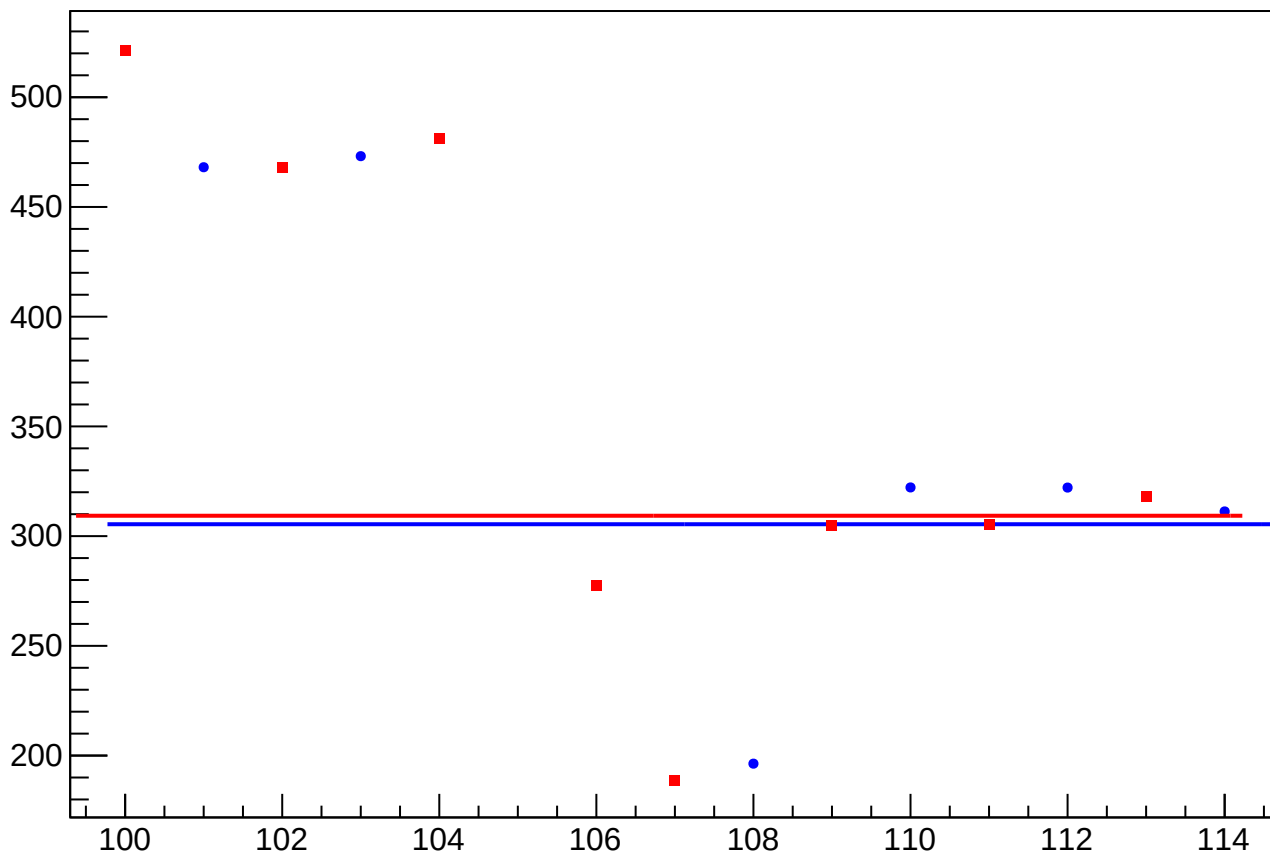
All: 138360.669 $\pm$ 0.135 χ^2 /NDF: 761780845

Right Out: 138362.791 $\pm$ 0.182 χ^2 /NDF: 338625920.9/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug



Right In: 305.422 $\pm$ 0.142 χ^2 /NDF: 549421.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 309.289 $\pm$ 0.129 χ^2 /NDF: 495065.5/7

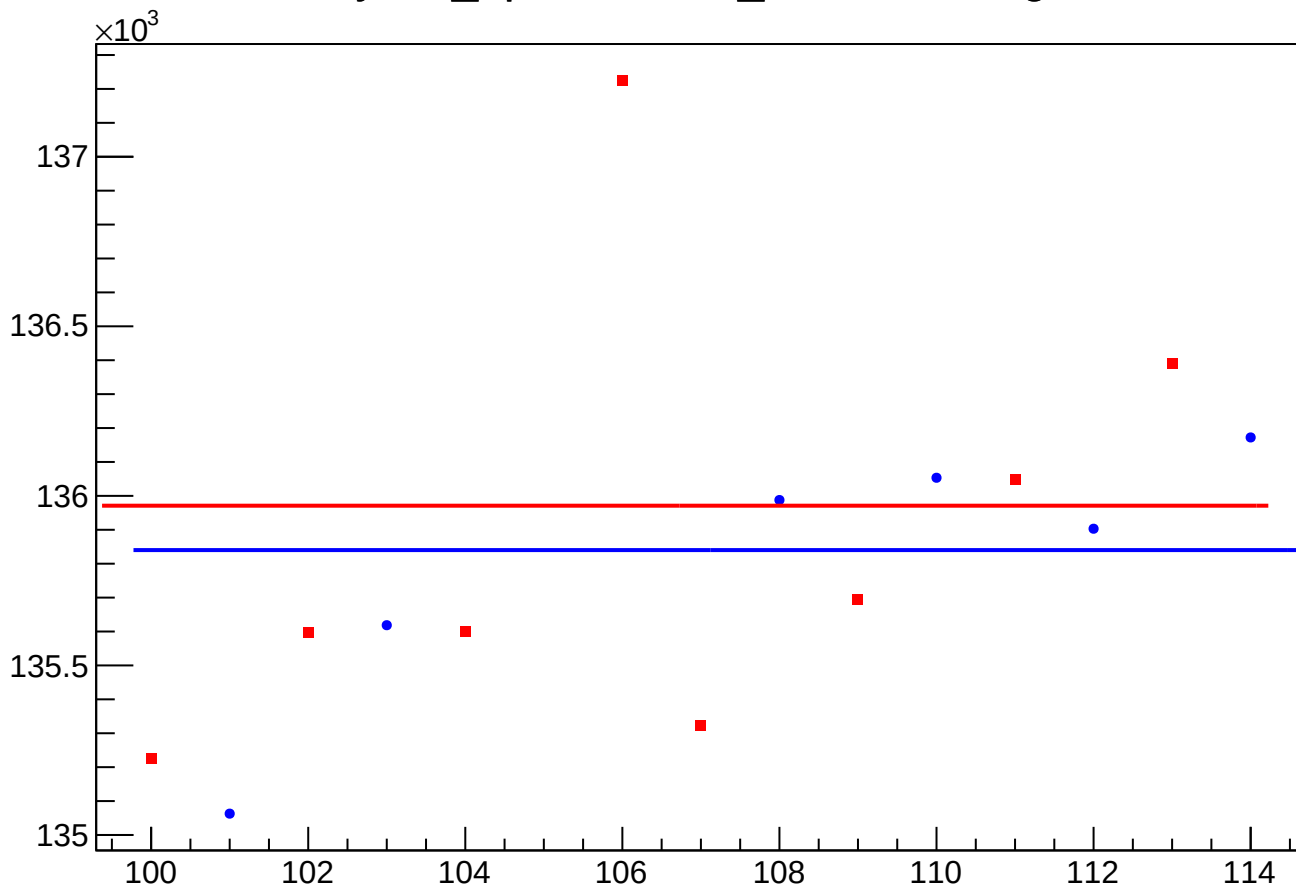
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 307.546 $\pm$ 0.095 χ^2 /NDF: 1044894.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135840.113 $\pm$ 0.164 χ^2 /NDF: 4149471.9/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

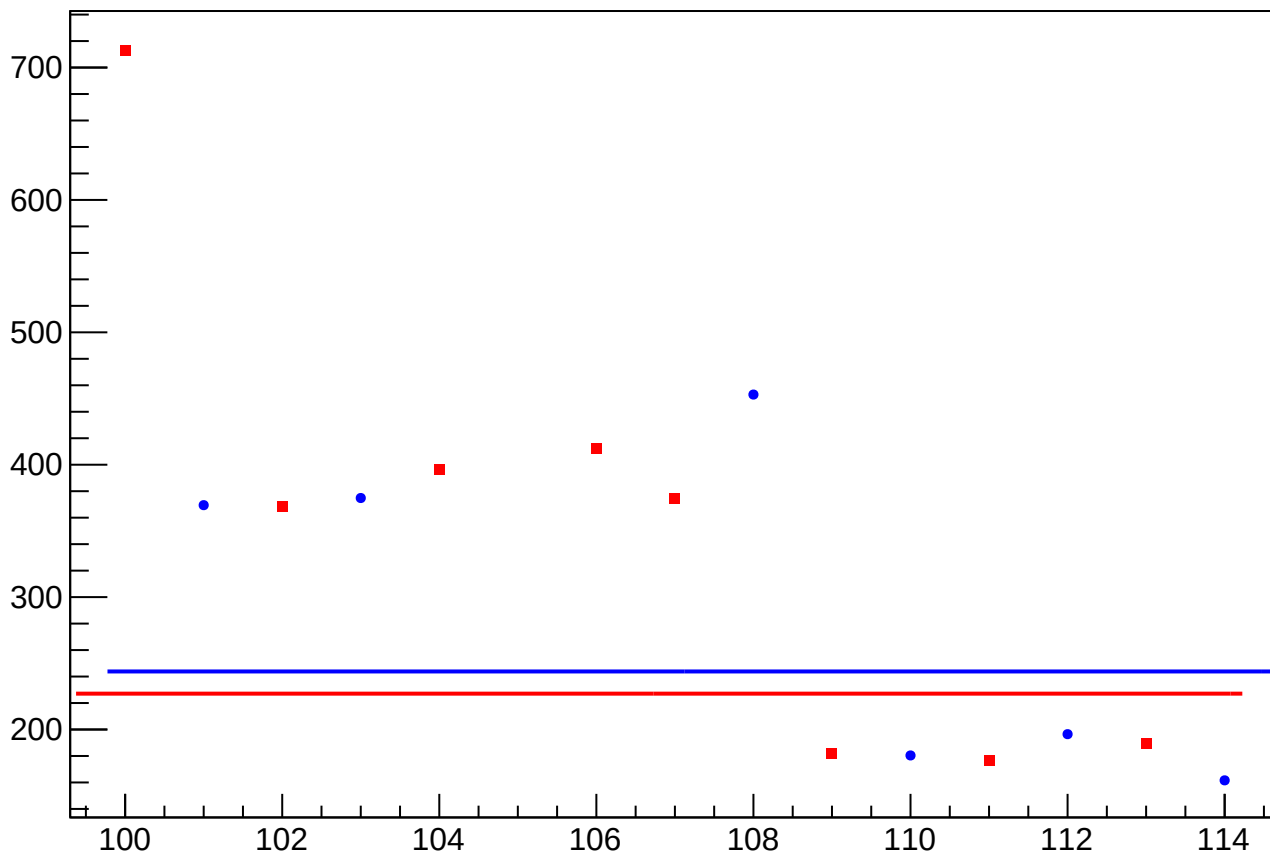
All: 135916.338 $\pm$ 0.106 χ^2 /NDF: 12306845.

Right Out: 135971.030 $\pm$ 0.139 χ^2 /NDF: 7784999.5/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_rms vs Slug



Right In: 243.843+/-0.116 χ^2/NDF : 660780.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.082+/-0.098 χ^2/NDF : 785611.6/7

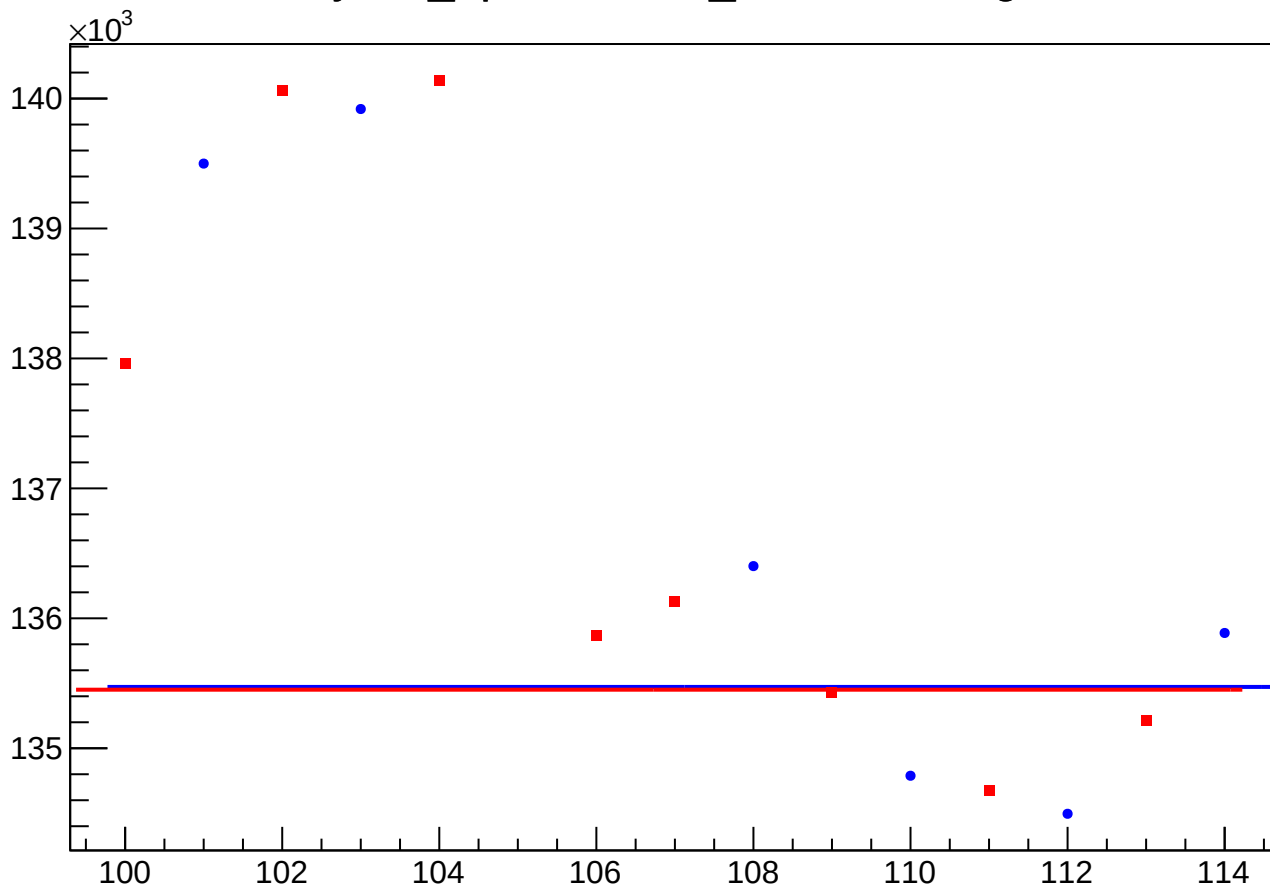
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.084+/-0.075 χ^2/NDF : 1458599.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 135471.999 $\pm$ 0.090 χ^2 /NDF: 239282403.2/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

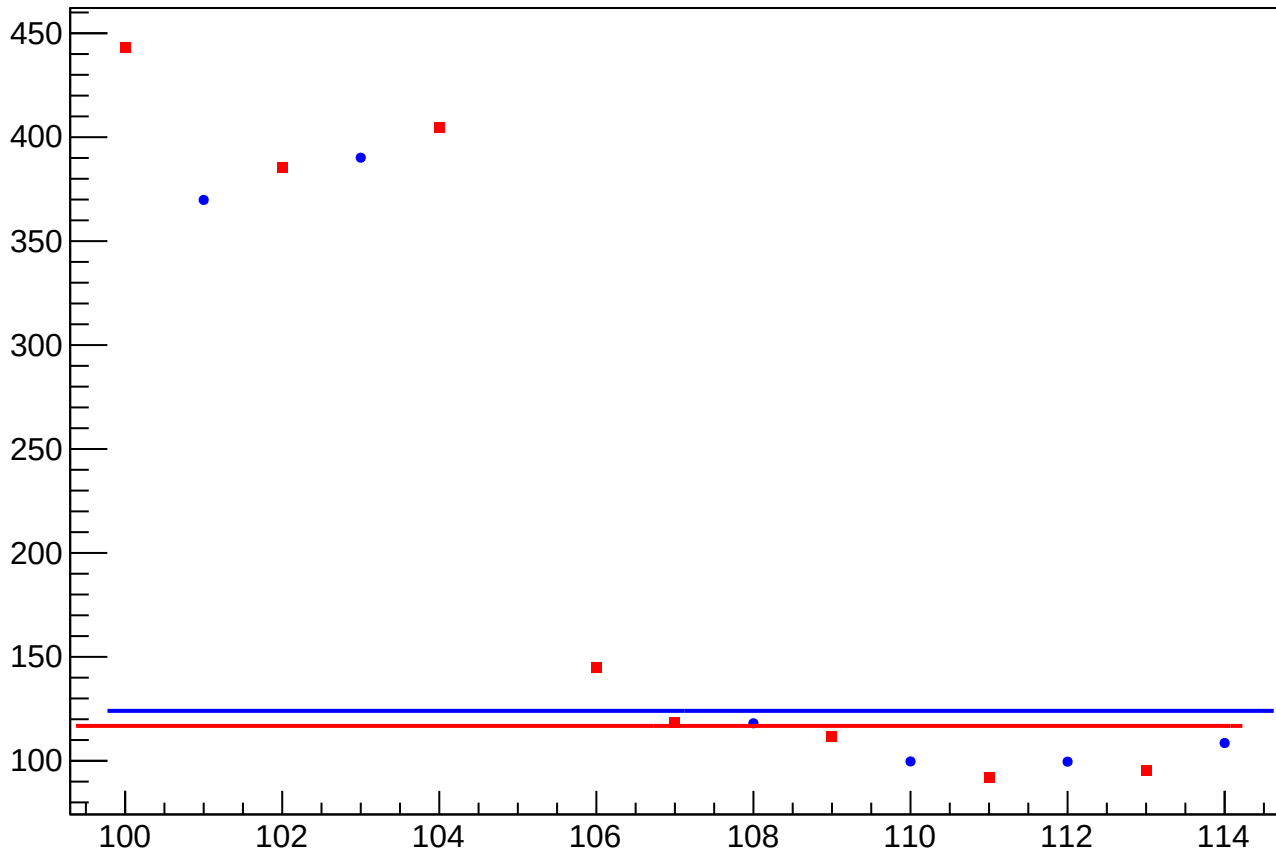
All: 135459.595 $\pm$ 0.058 χ^2 /NDF: 446440924

Right Out: 135450.679 $\pm$ 0.076 χ^2 /NDF: 207125586.4/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_rms vs Slug



Right In: 124.032 $\pm$ 0.063 χ^2 /NDF: 1240503.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.787 $\pm$ 0.054 χ^2 /NDF: 1356532.1/7

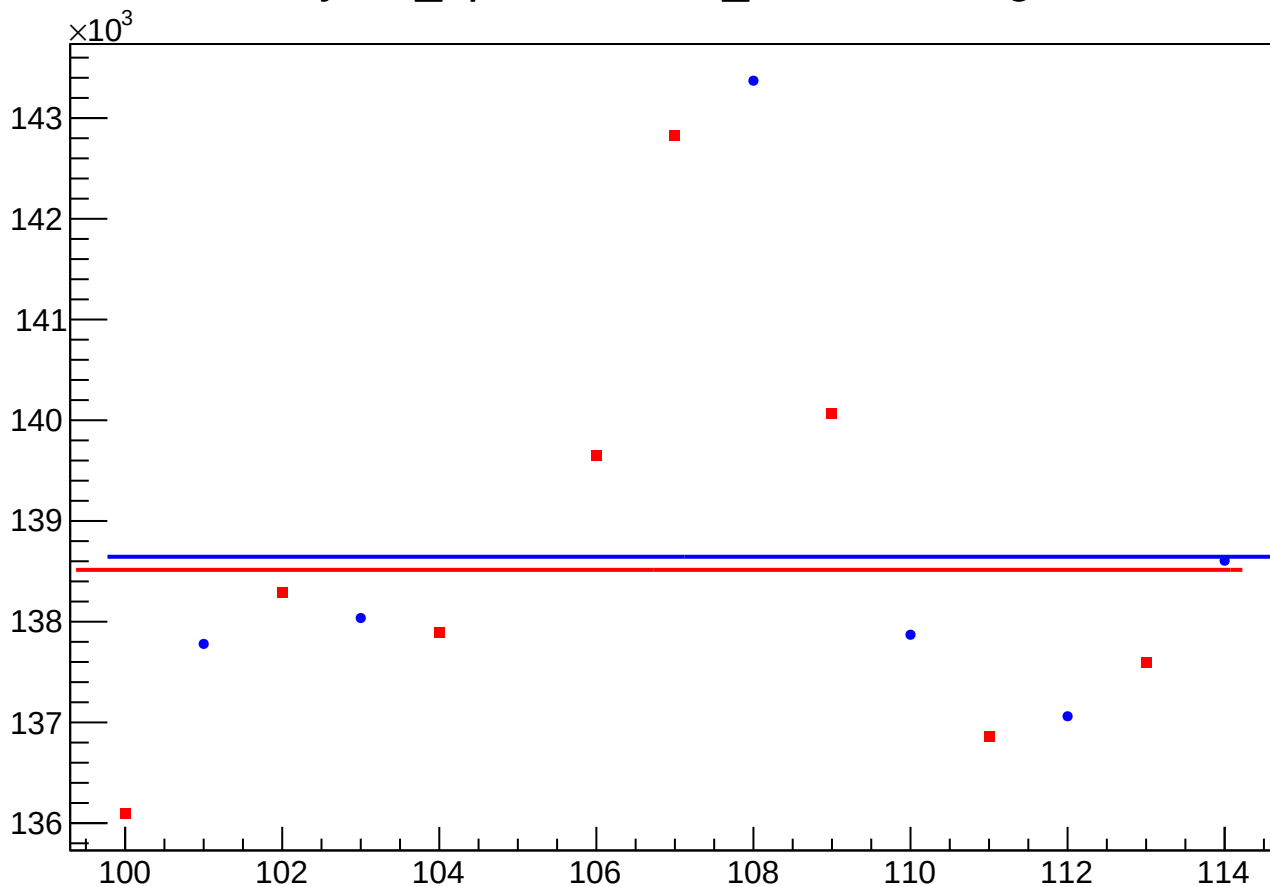
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.817 $\pm$ 0.041 χ^2 /NDF: 2604641.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 138644.748 $\pm$ 0.111 χ^2 /NDF: 391989580.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

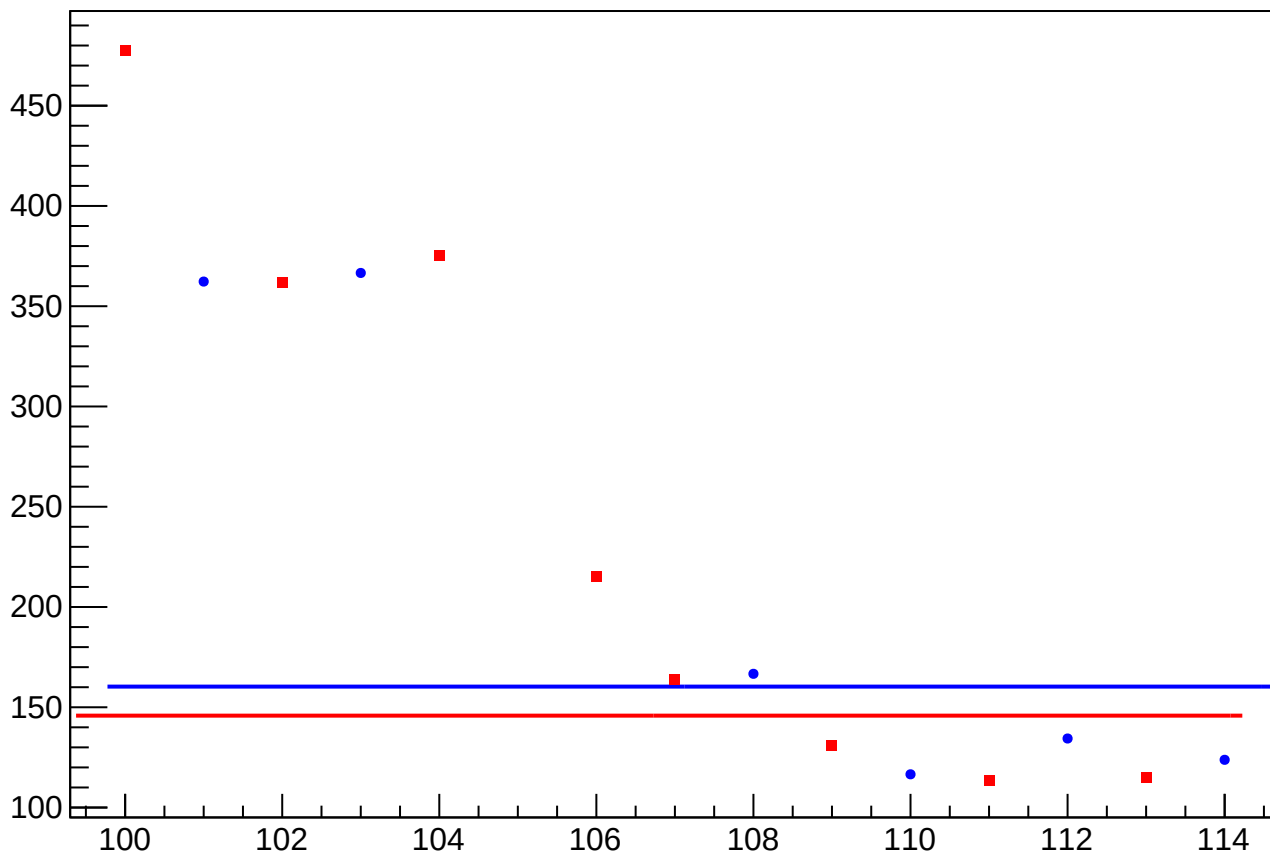
Right Out: 138514.766 $\pm$ 0.092 χ^2 /NDF: 363210329.5/7

All: 138567.558 $\pm$ 0.071 χ^2 /NDF: 756009591

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 160.306 $\pm$ 0.079 χ^2 /NDF: 941708.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.824 $\pm$ 0.065 χ^2 /NDF: 1119275.2/7

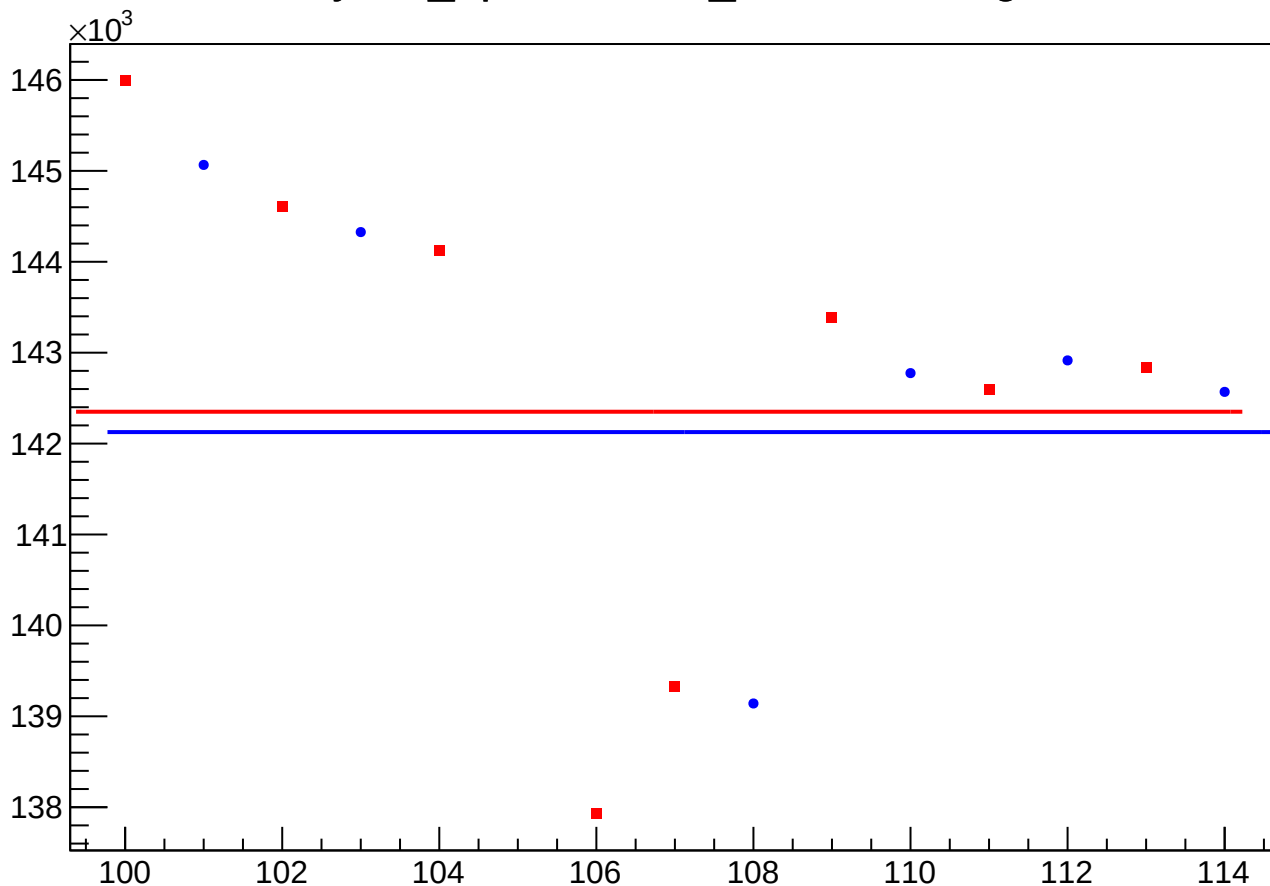
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.706 $\pm$ 0.050 χ^2 /NDF: 2081083.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 142126.533 $\pm$ 0.119 χ^2 /NDF: 245854971.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

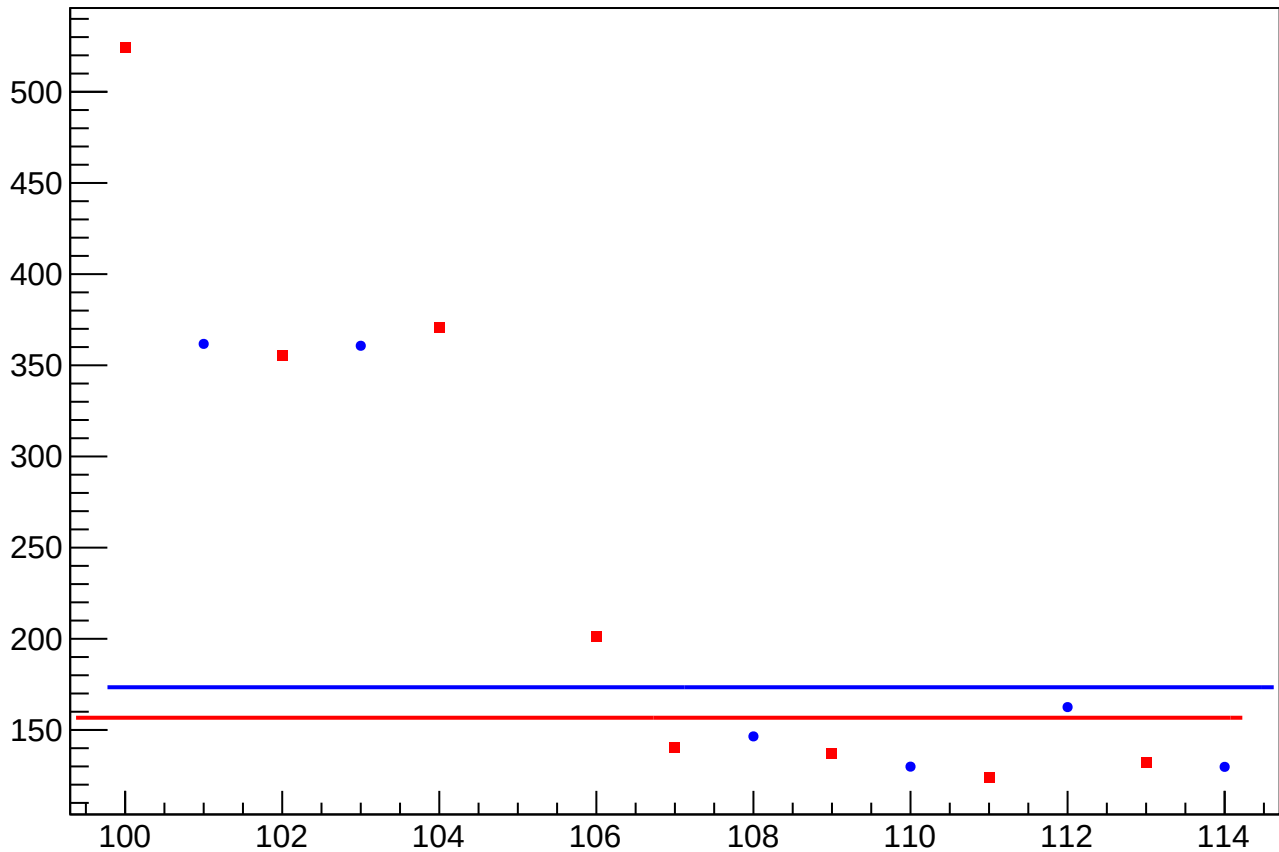
Right Out: 142350.446 $\pm$ 0.098 χ^2 /NDF: 309505782.3/7

All: 142260.633 $\pm$ 0.075 χ^2 /NDF: 557475348

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug



Right In: 173.427+/-0.084 χ^2/NDF : 811702.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.709+/-0.069 χ^2/NDF : 960270.1/7

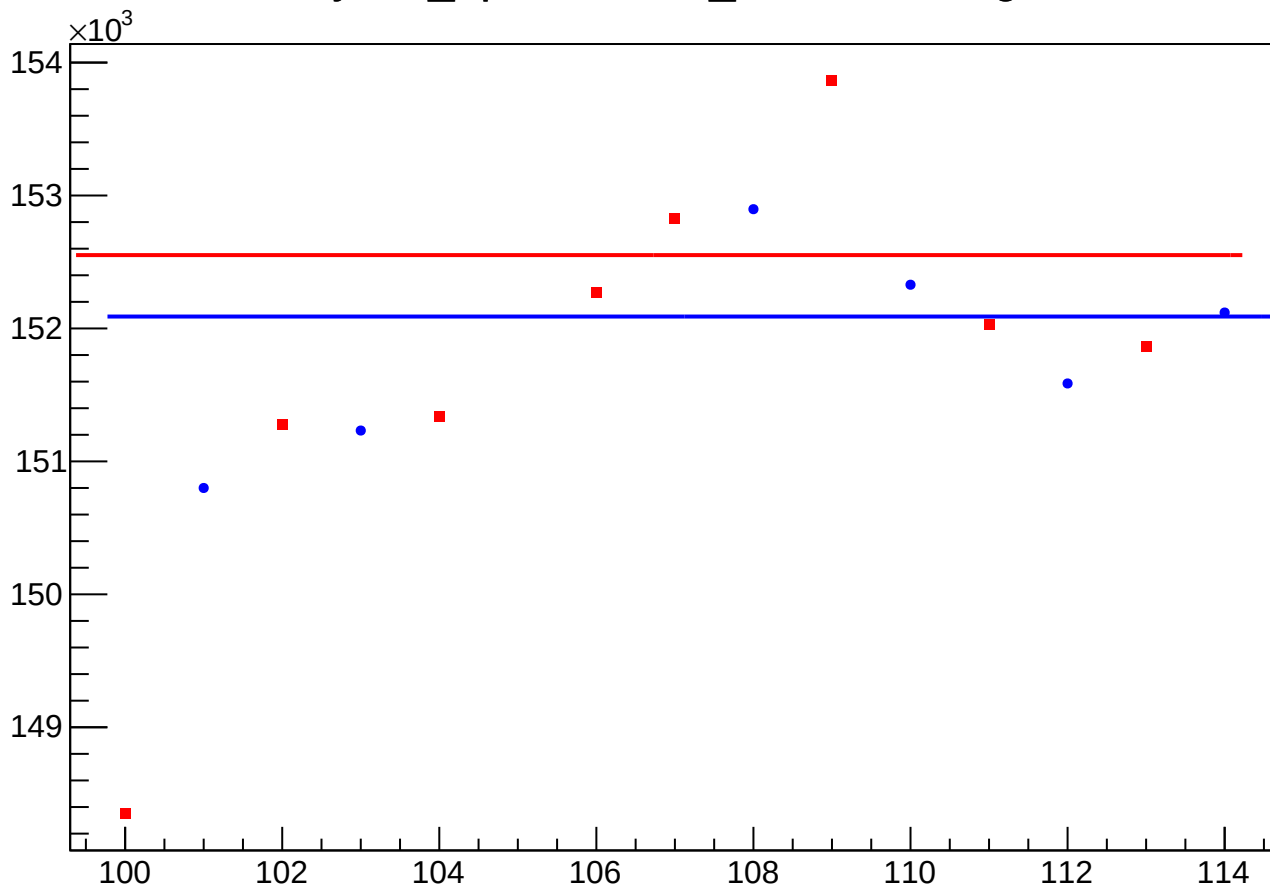
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.415+/-0.053 χ^2/NDF : 1795549.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152089.601 $\pm$ 0.131 χ^2 /NDF: 23865877.6/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

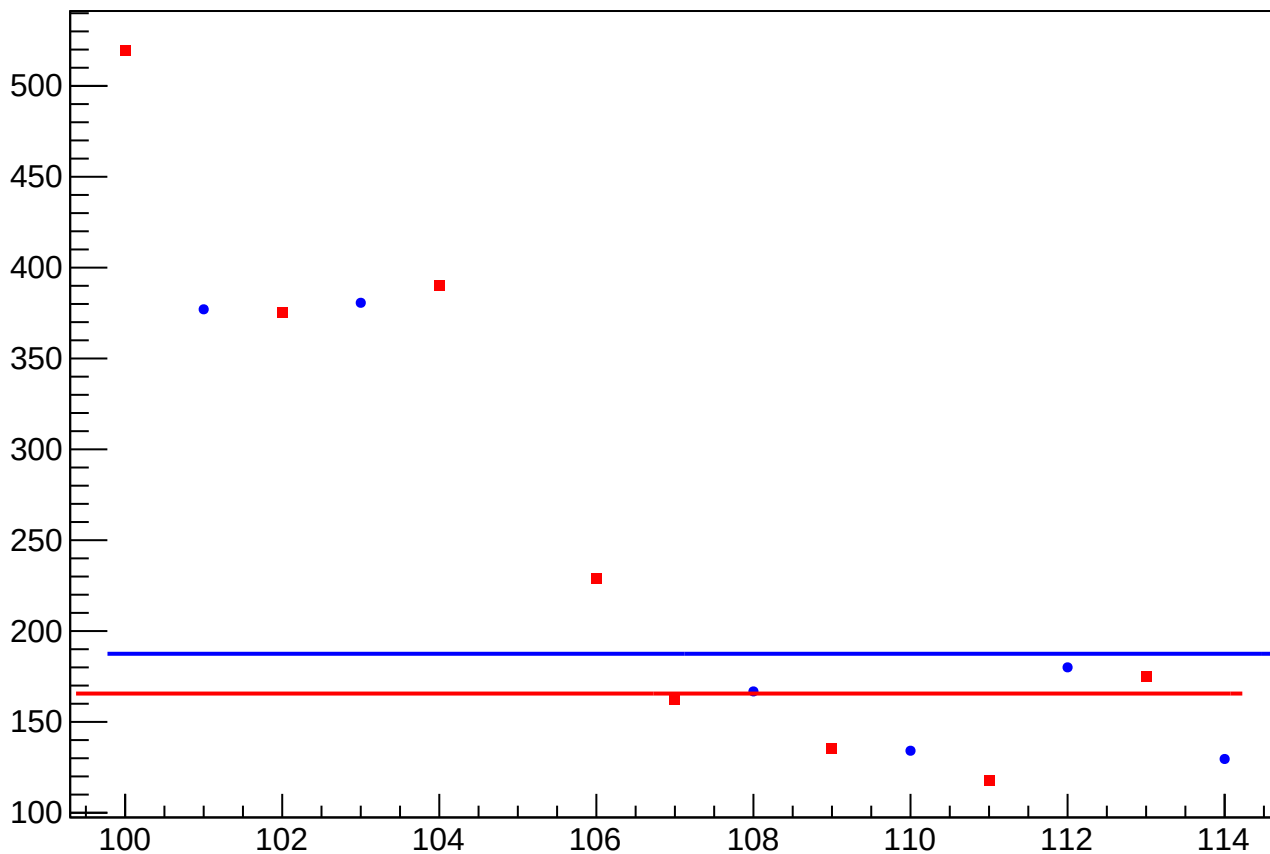
Right Out: 152551.732 $\pm$ 0.106 χ^2 /NDF: 76119658.0/7

All: 152369.117 $\pm$ 0.082 χ^2 /NDF: 107551216

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 187.496 $\pm$ 0.092 χ^2 /NDF: 798229.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.604 $\pm$ 0.075 χ^2 /NDF: 1041245.5/7

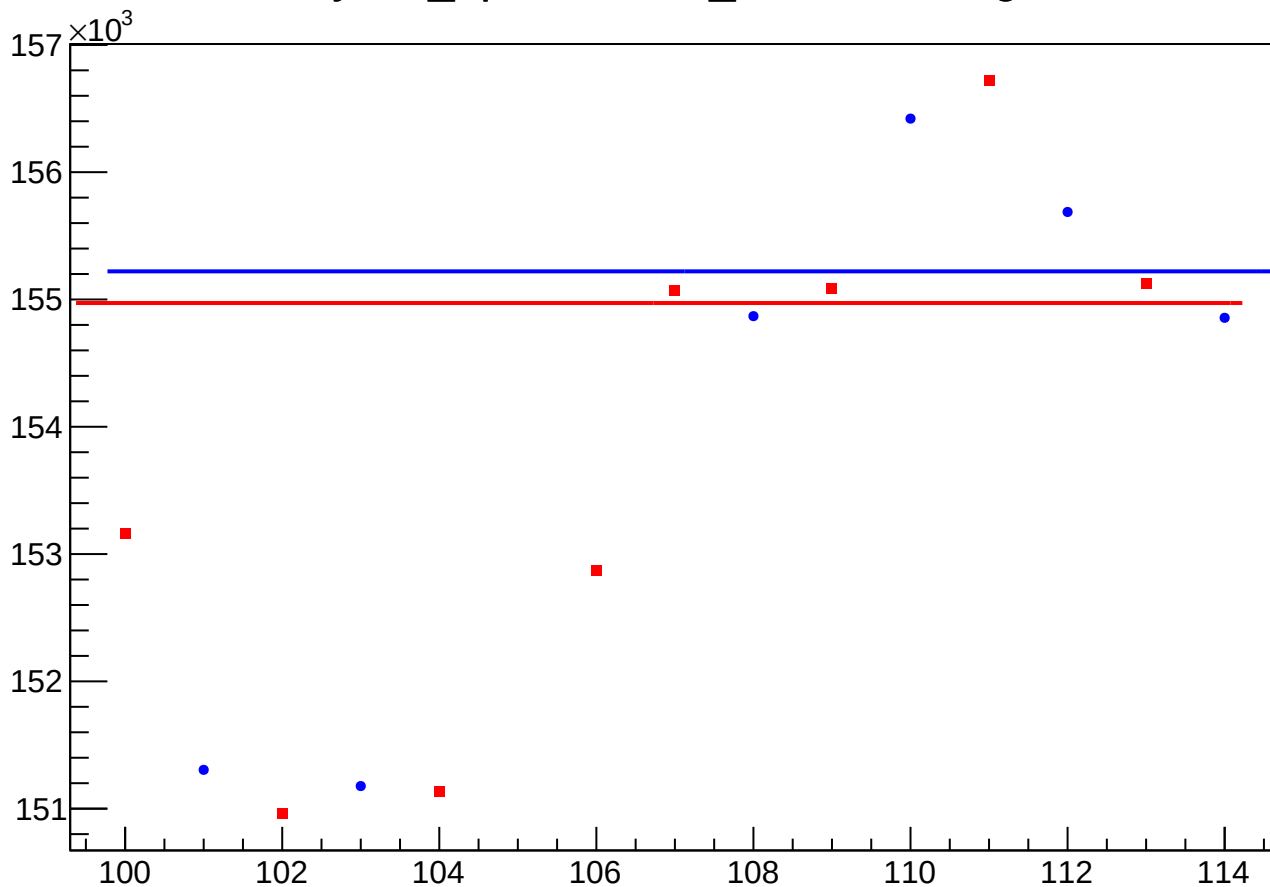
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.255 $\pm$ 0.058 χ^2 /NDF: 1873432.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 155220.868 $\pm$ 0.110 χ^2 /NDF: 169410742.7/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

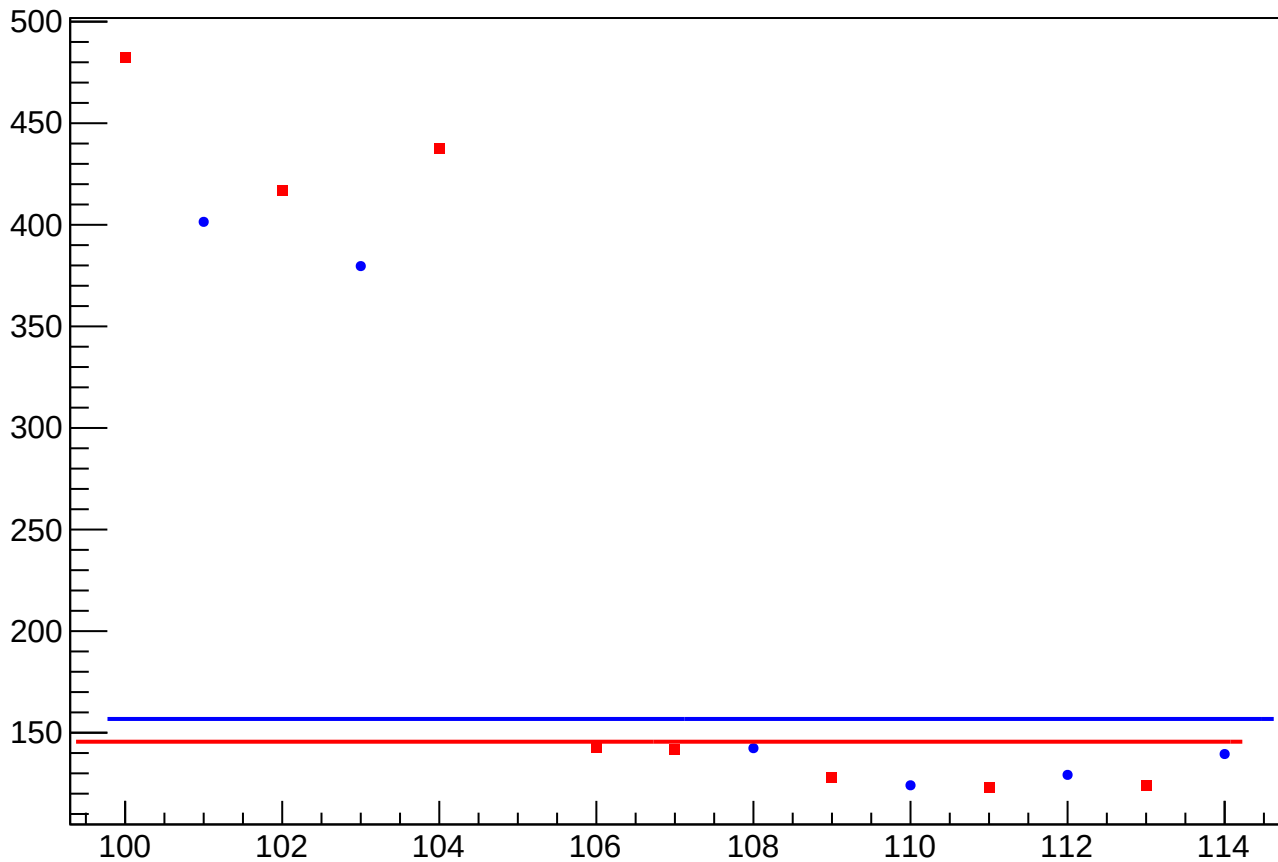
Right Out: 154972.177 $\pm$ 0.090 χ^2 /NDF: 258295388.0/7

All: 155072.236 $\pm$ 0.070 χ^2 /NDF: 430767325

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug



Right In: 156.774 $\pm$ 0.078 χ^2 /NDF: 978899.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

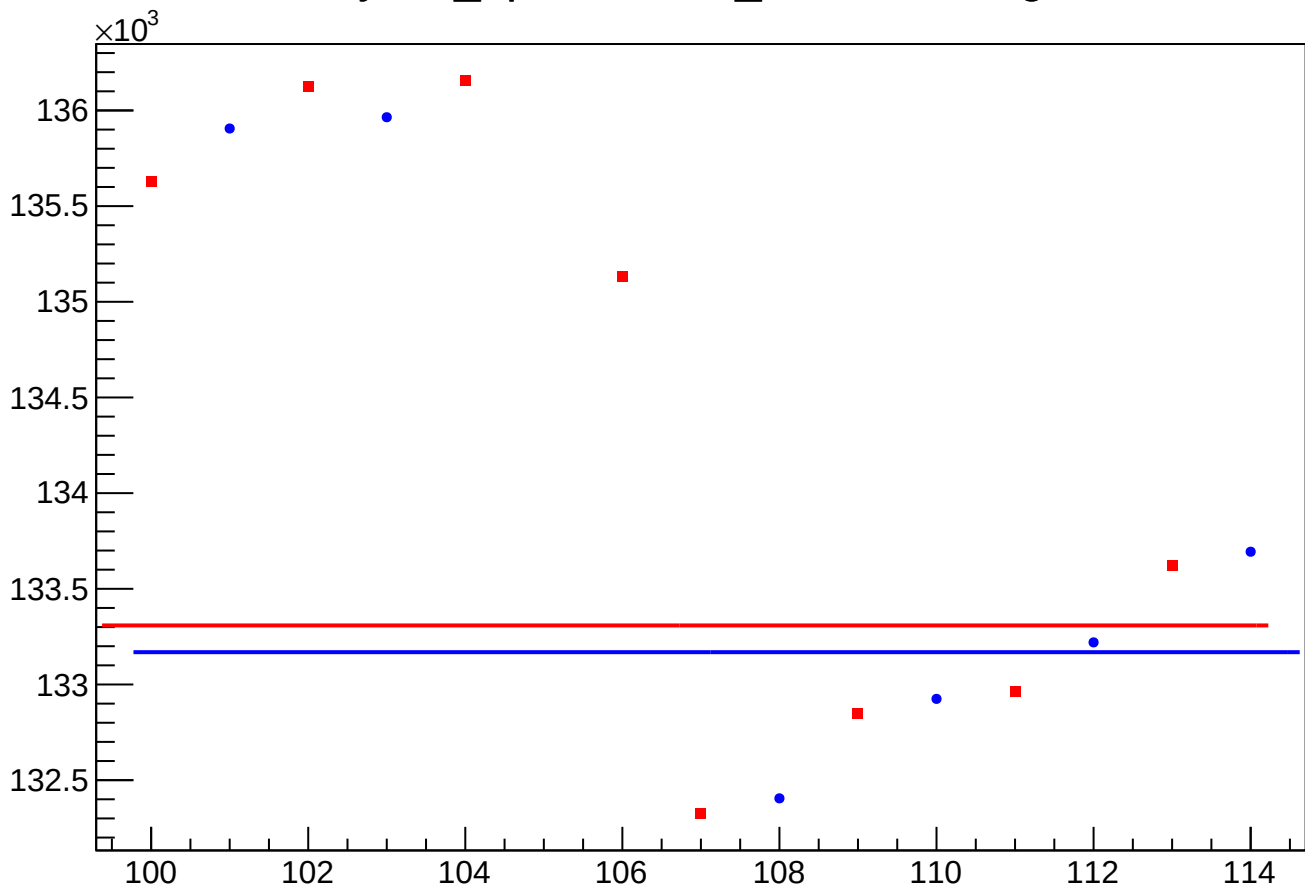
Right Out: 145.574 $\pm$ 0.064 χ^2 /NDF: 1156403.0/7

All: 150.080 $\pm$ 0.049 χ^2 /NDF: 2147718.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_mean vs Slug



Right In: 133168.871 $\pm$ 0.083 χ^2 /NDF: 93883117.9/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

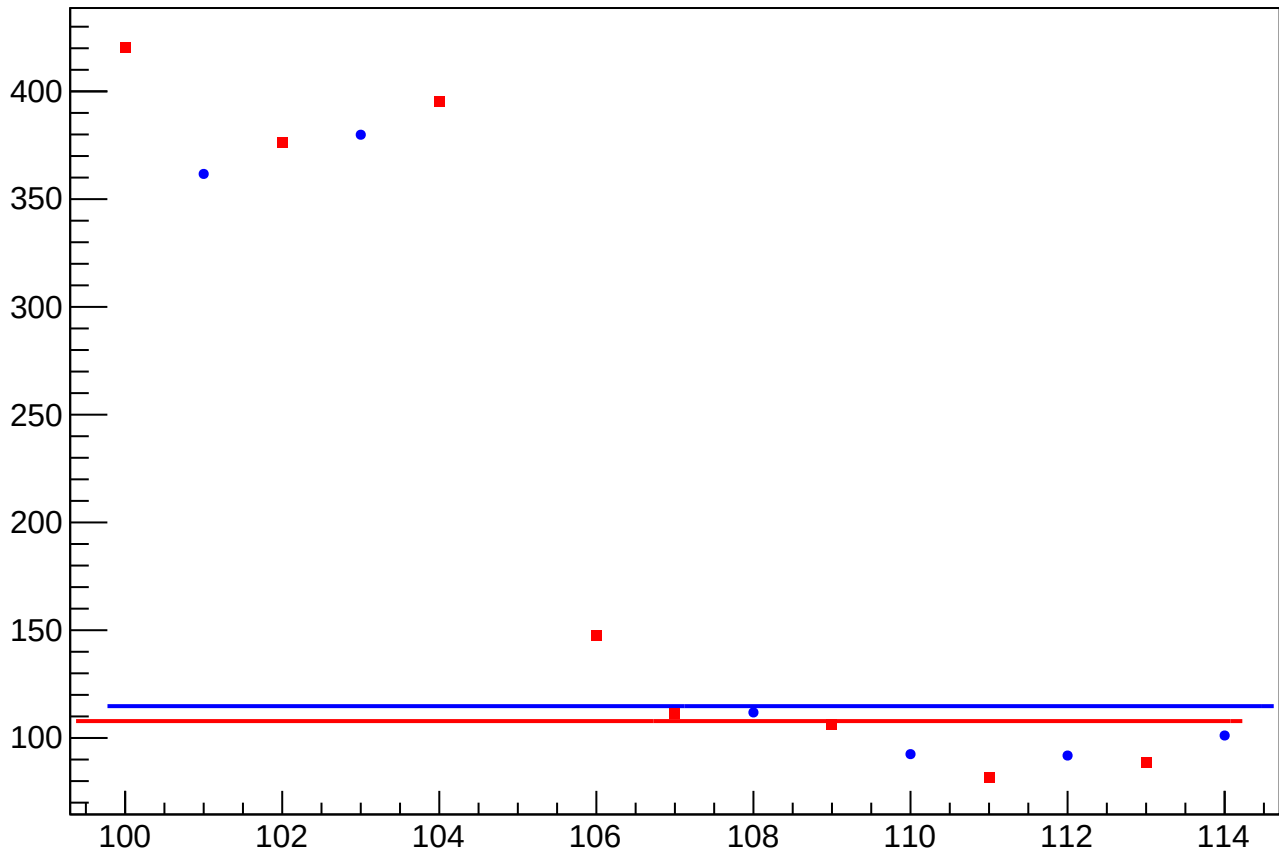
All: 133250.598 $\pm$ 0.054 χ^2 /NDF: 239196907

Right Out: 133308.605 $\pm$ 0.070 χ^2 /NDF: 143667845.1/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug



Right In: 114.773+/-0.059 χ^2/NDF : 1300269.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.841+/-0.050 χ^2/NDF : 1451981.4/7

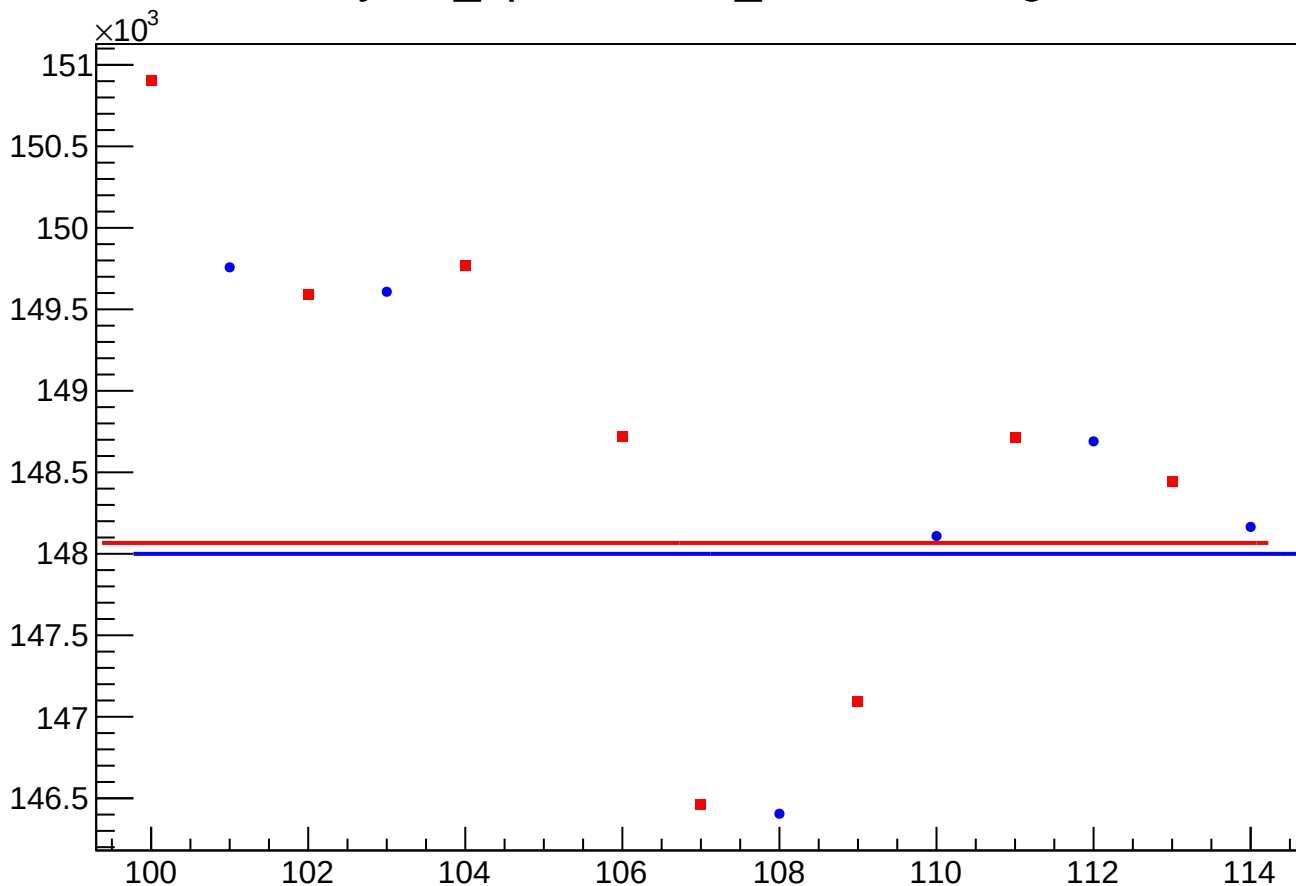
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.718+/-0.038 χ^2/NDF : 2760351.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 147999.732 $\pm$ 0.101 χ^2 /NDF: 100650728.4/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

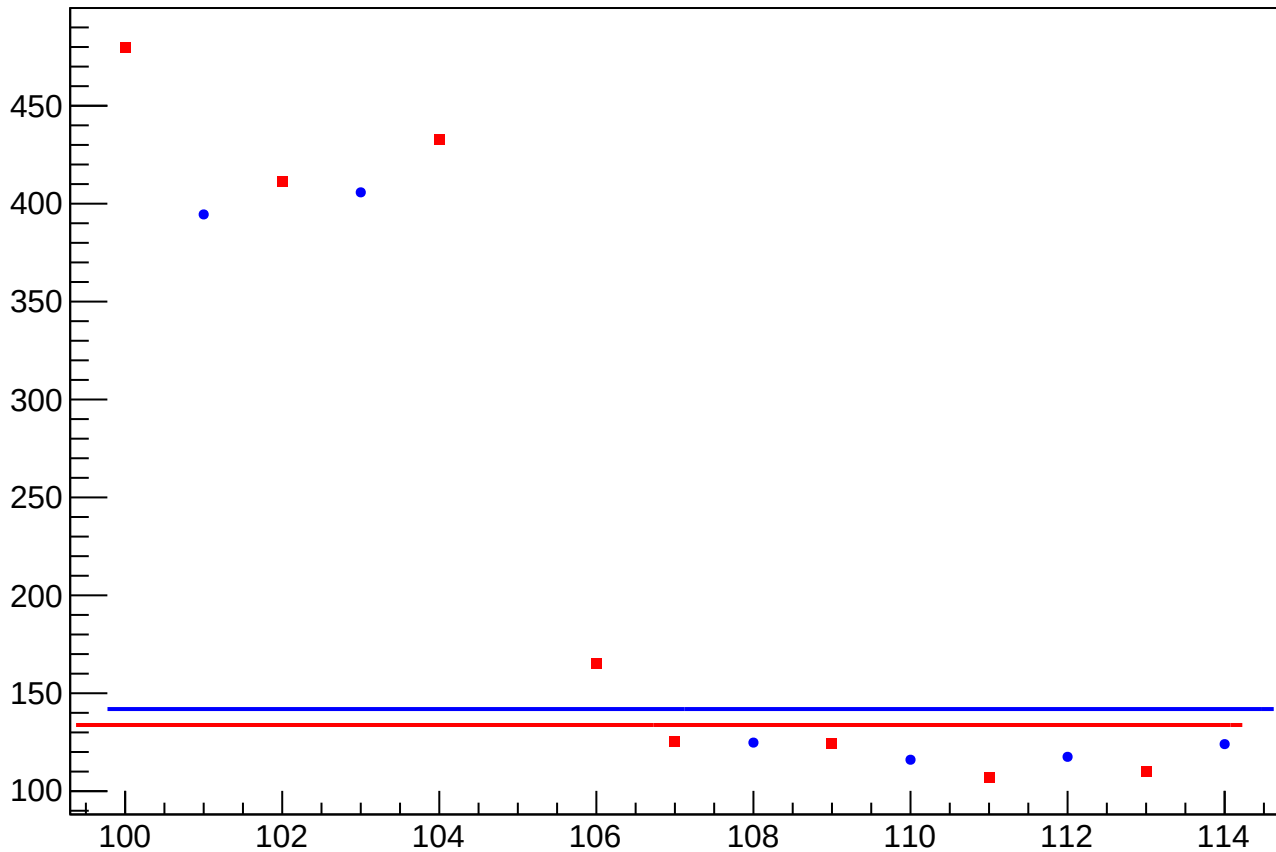
Right Out: 148066.682 $\pm$ 0.085 χ^2 /NDF: 115136344.3/7

All: 148039.011 $\pm$ 0.065 χ^2 /NDF: 216045895

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug



Right In: 141.932 $\pm$ 0.071 χ^2 /NDF: 1136628.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.792 $\pm$ 0.060 χ^2 /NDF: 1283927.1/7

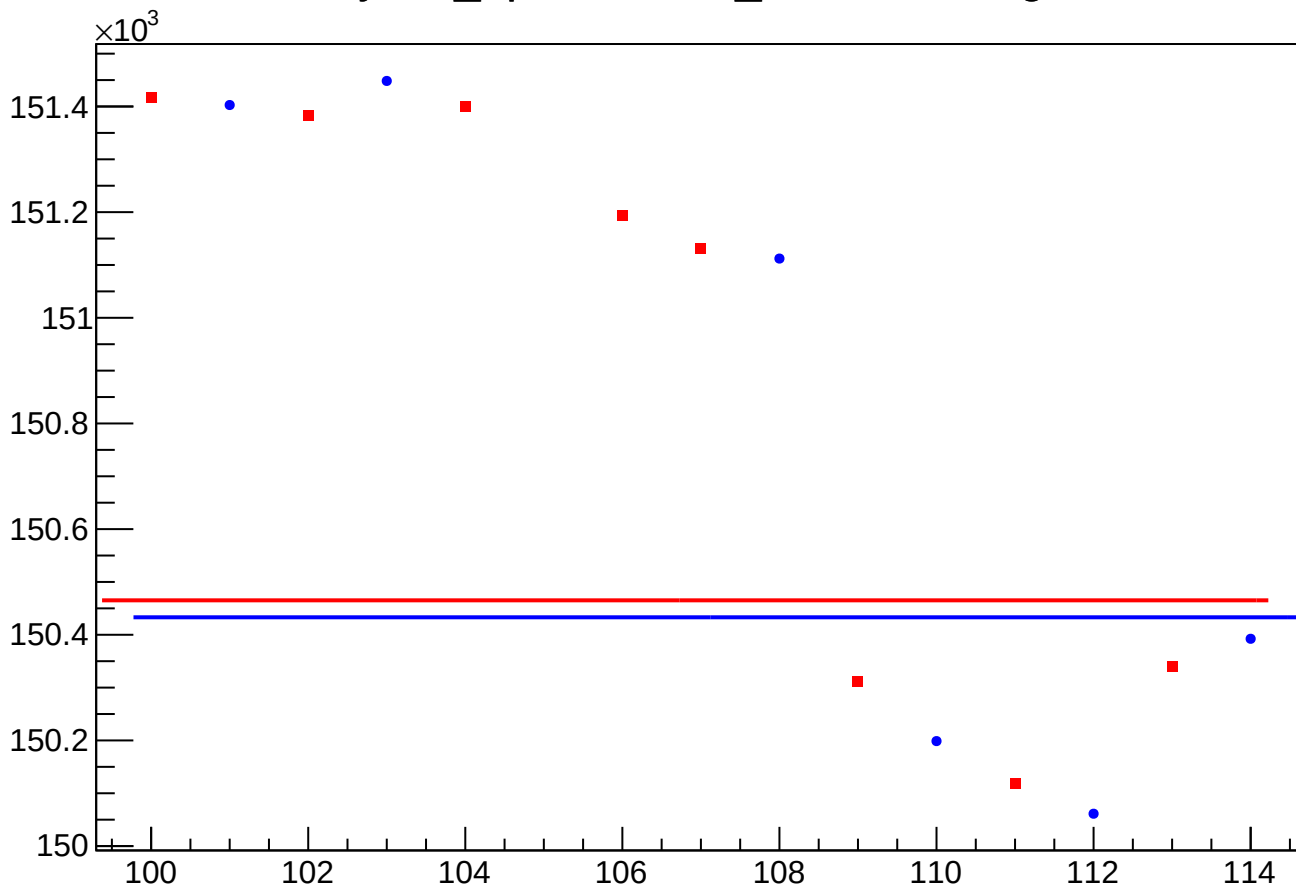
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.156 $\pm$ 0.046 χ^2 /NDF: 2428208.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150433.081 $\pm$ 0.090 χ^2 /NDF: 28247513.5/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

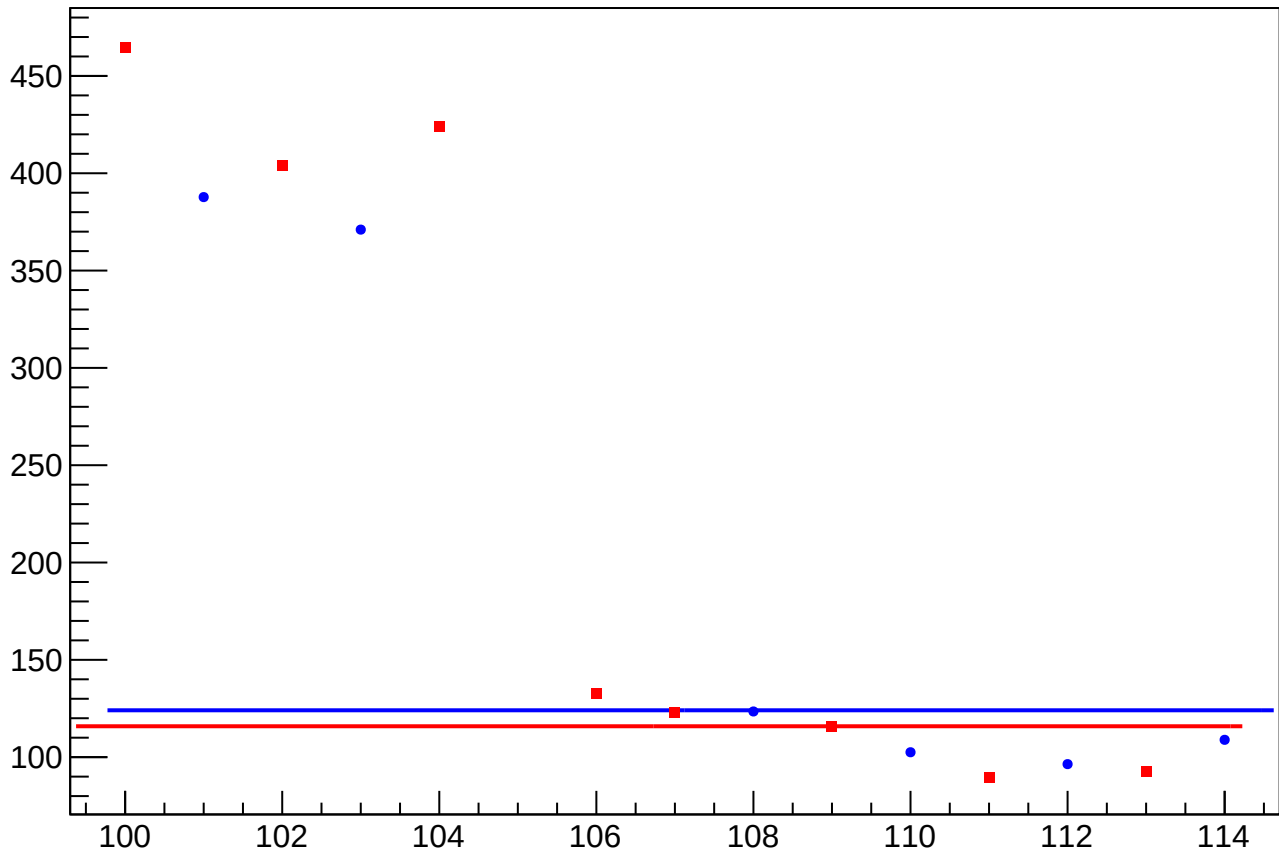
Right Out: 150465.191 $\pm$ 0.074 χ^2 /NDF: 30789901.1/7

All: 150452.223 $\pm$ 0.057 χ^2 /NDF: 59113274.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 124.078+/-0.064 χ^2/NDF : 1217210.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.873+/-0.052 χ^2/NDF : 1426901.2/7

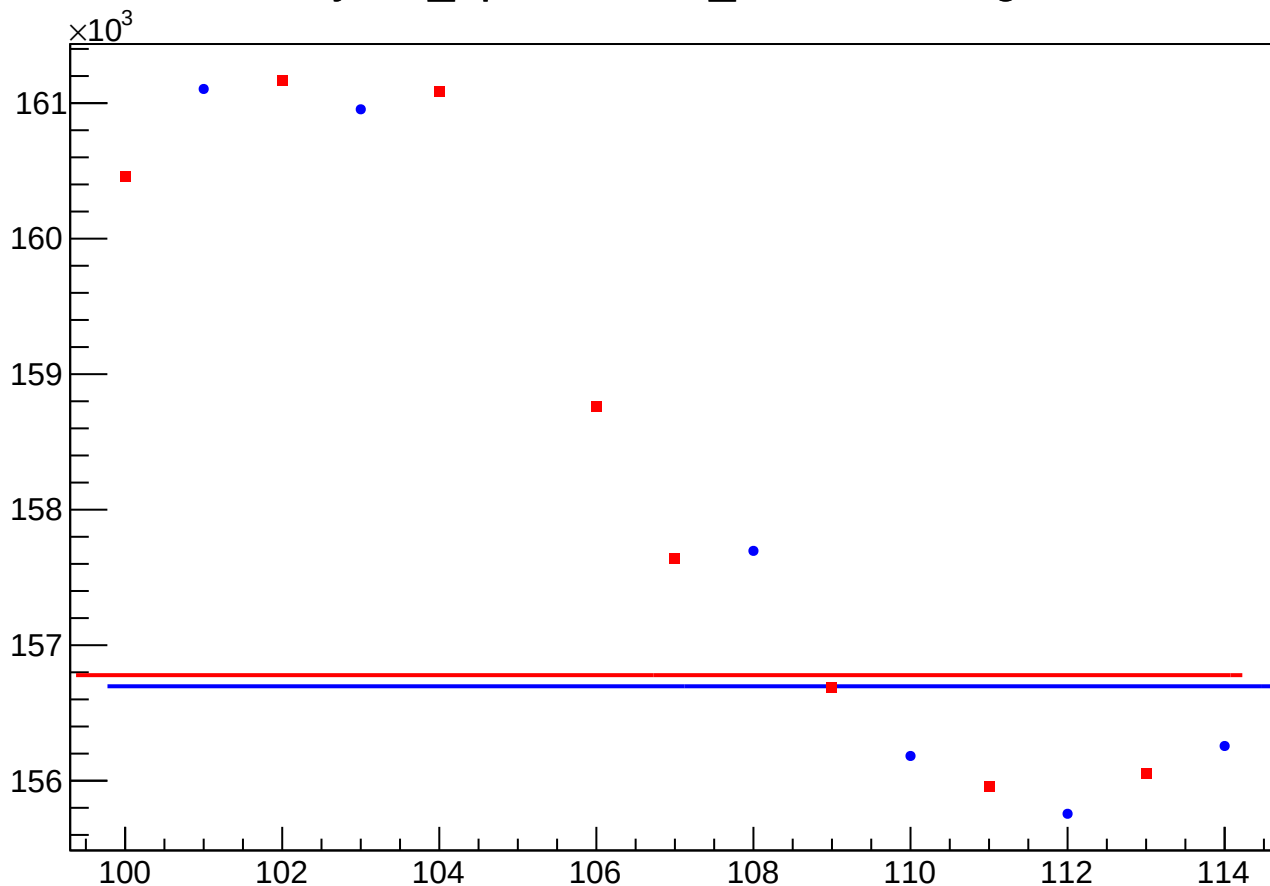
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.187+/-0.040 χ^2/NDF : 2654019.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02WS_mean vs Slug



Right In: 156696.866 $\pm$ 0.096 χ^2 /NDF: 210516114.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

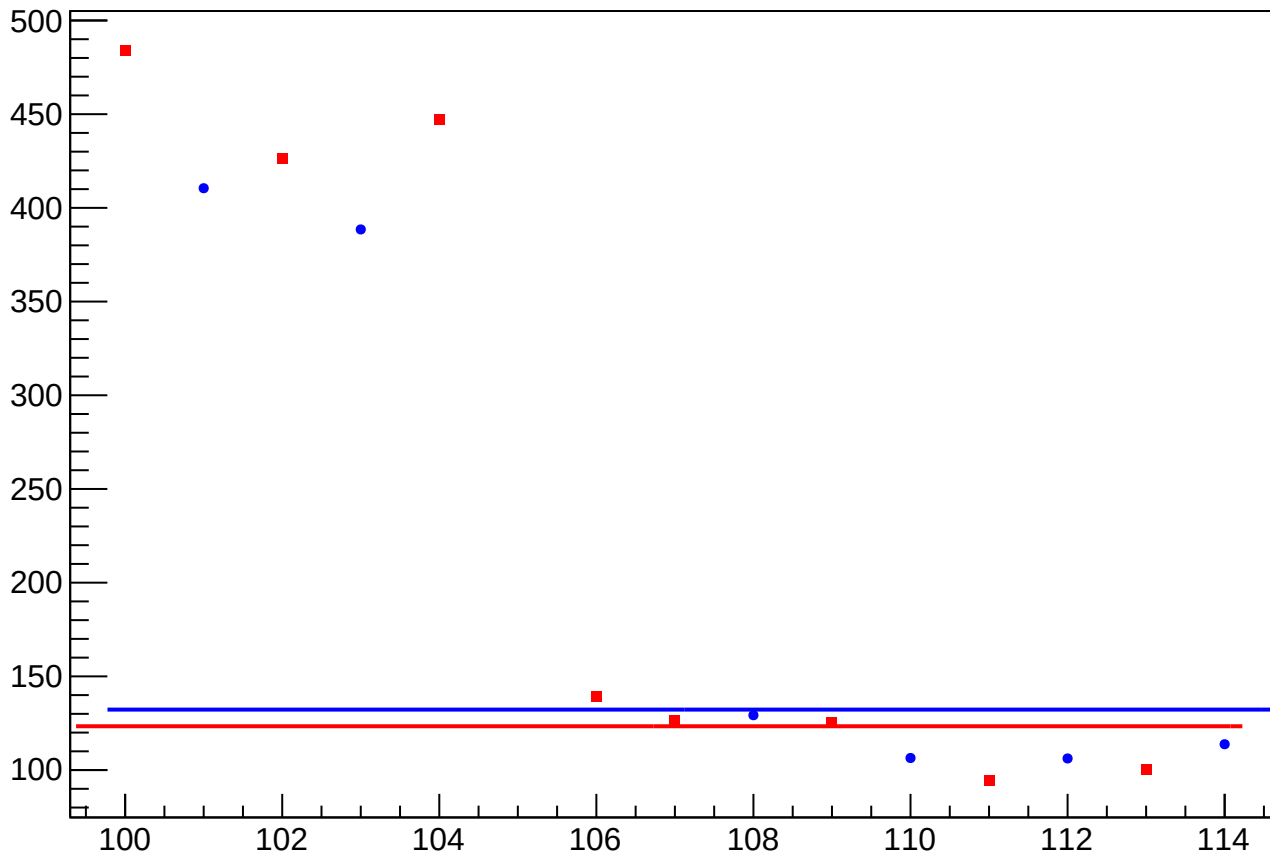
Right Out: 156778.945 $\pm$ 0.079 χ^2 /NDF: 251218052.2/7

All: 156745.829 $\pm$ 0.061 χ^2 /NDF: 462173111

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_rms vs Slug



Right In: 132.268 $\pm$ 0.068 χ^2 /NDF: 1196213.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.377 $\pm$ 0.056 χ^2 /NDF: 1413556.8/7

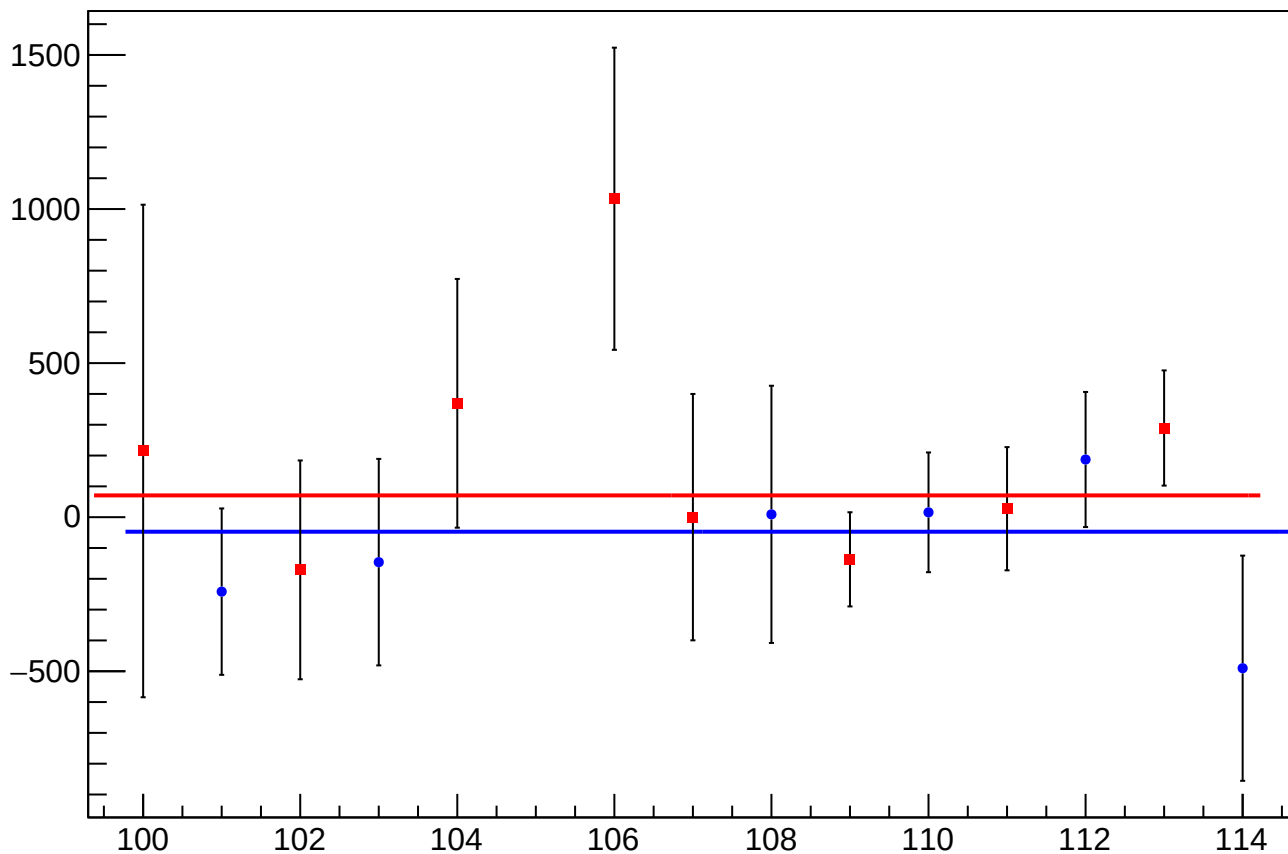
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.964 $\pm$ 0.043 χ^2 /NDF: 2620071.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_target_mean vs Slug



Right In: -47.195 ± 109.667 χ^2/NDF : 3.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 70.674 ± 90.345 χ^2/NDF : 8.2/7

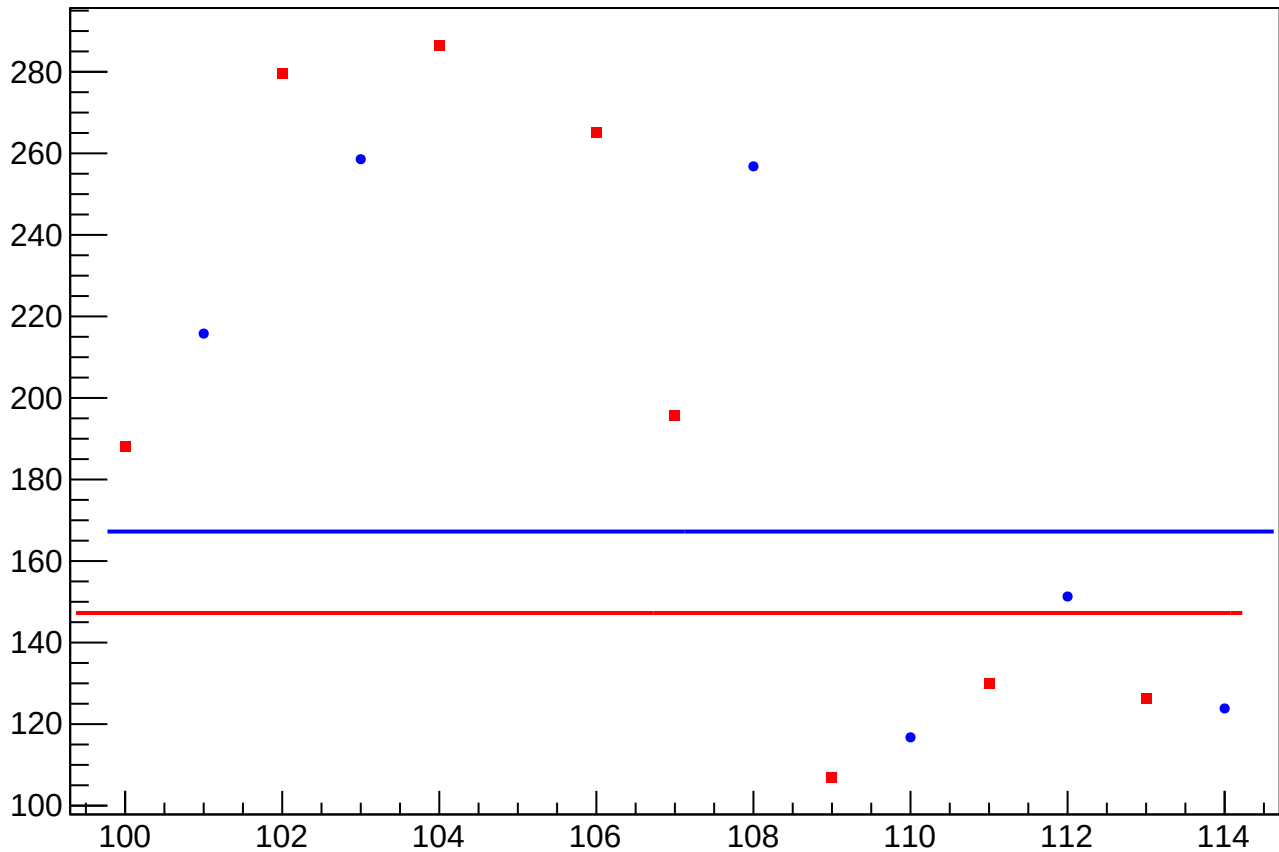
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.021 ± 69.731 χ^2/NDF : 12.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



Right In: 167.236 $\pm$ 0.078 χ^2 /NDF: 479176.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.261 $\pm$ 0.064 χ^2 /NDF: 845246.7/7

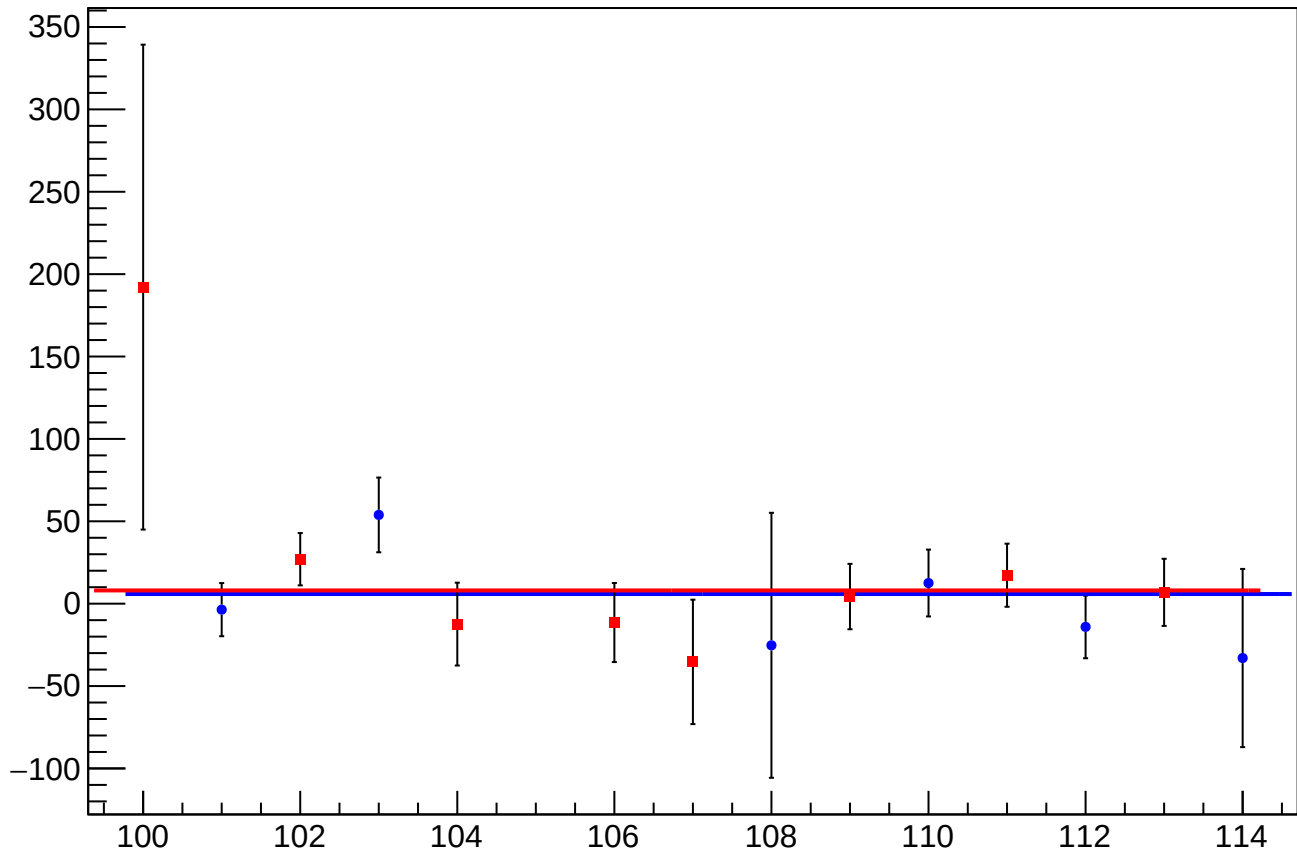
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.337 $\pm$ 0.049 χ^2 /NDF: 1363948.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: 5.851 $\pm$ 9.335 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.036 $\pm$ 7.979 χ^2 /NDF: 5.9/7

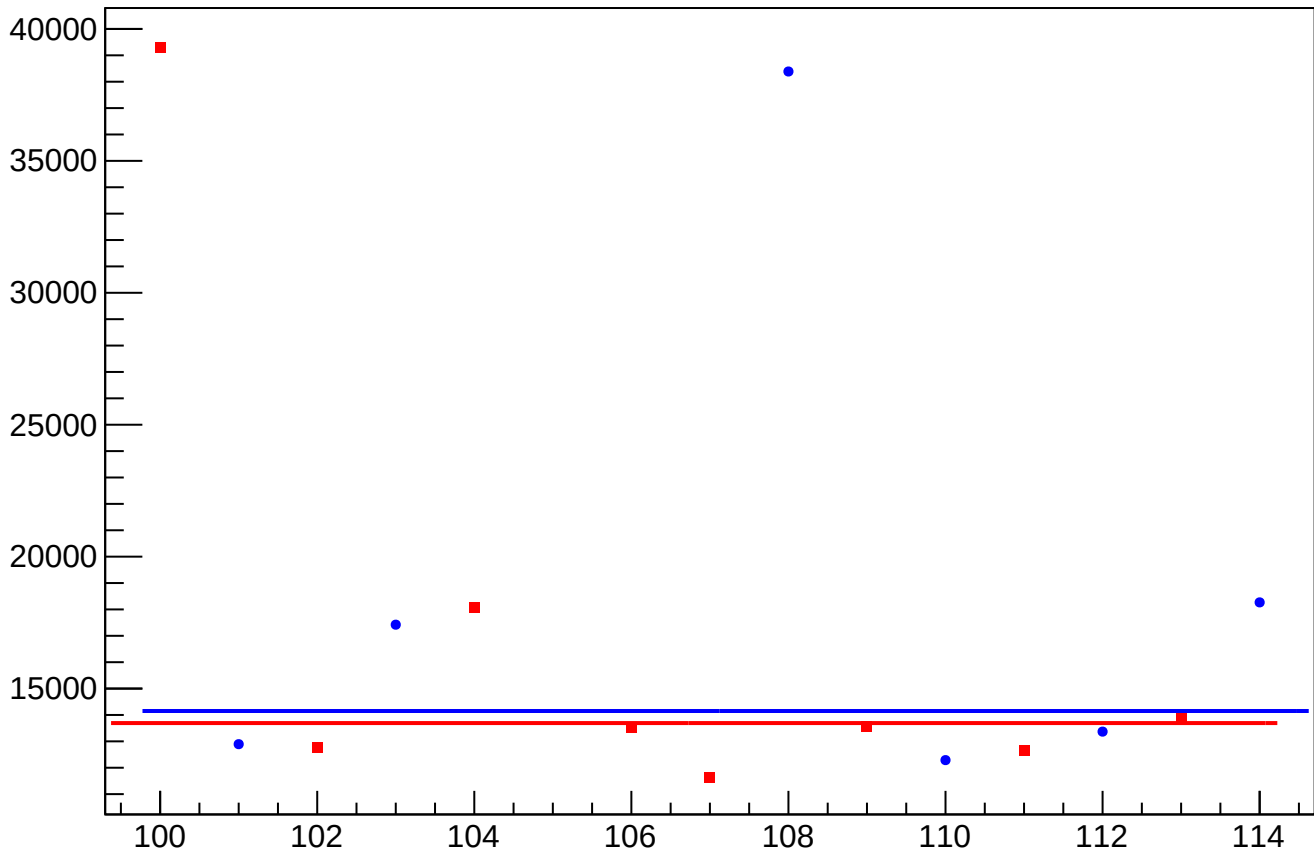
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.114 $\pm$ 6.065 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 14150.472+/-6.601 χ^2/NDF : 267193.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13692.997+/-5.642 χ^2/NDF : 139560.0/7

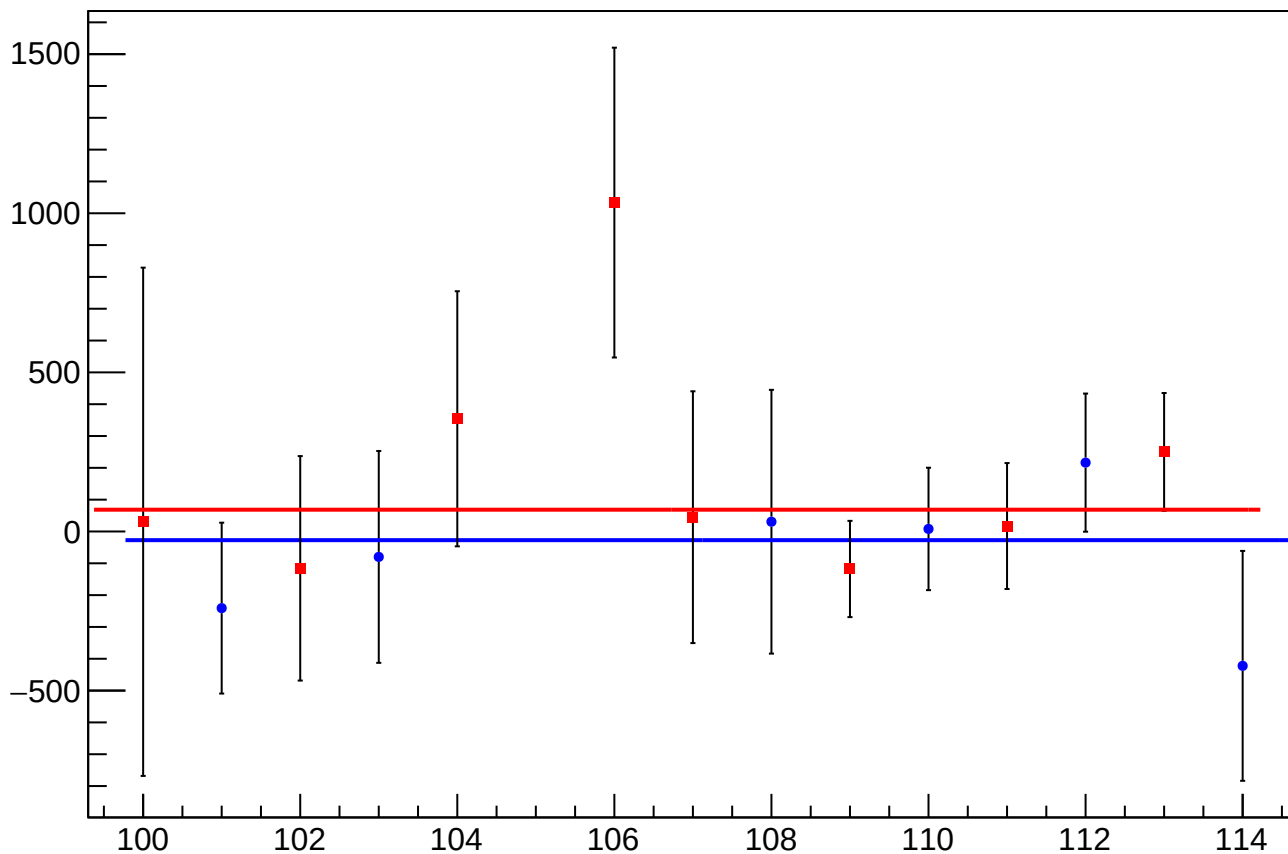
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13886.112+/-4.289 χ^2/NDF : 409529.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: -27.290 ± 108.697 χ^2/NDF : 3.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 68.456 ± 89.490 χ^2/NDF : 7.3/7

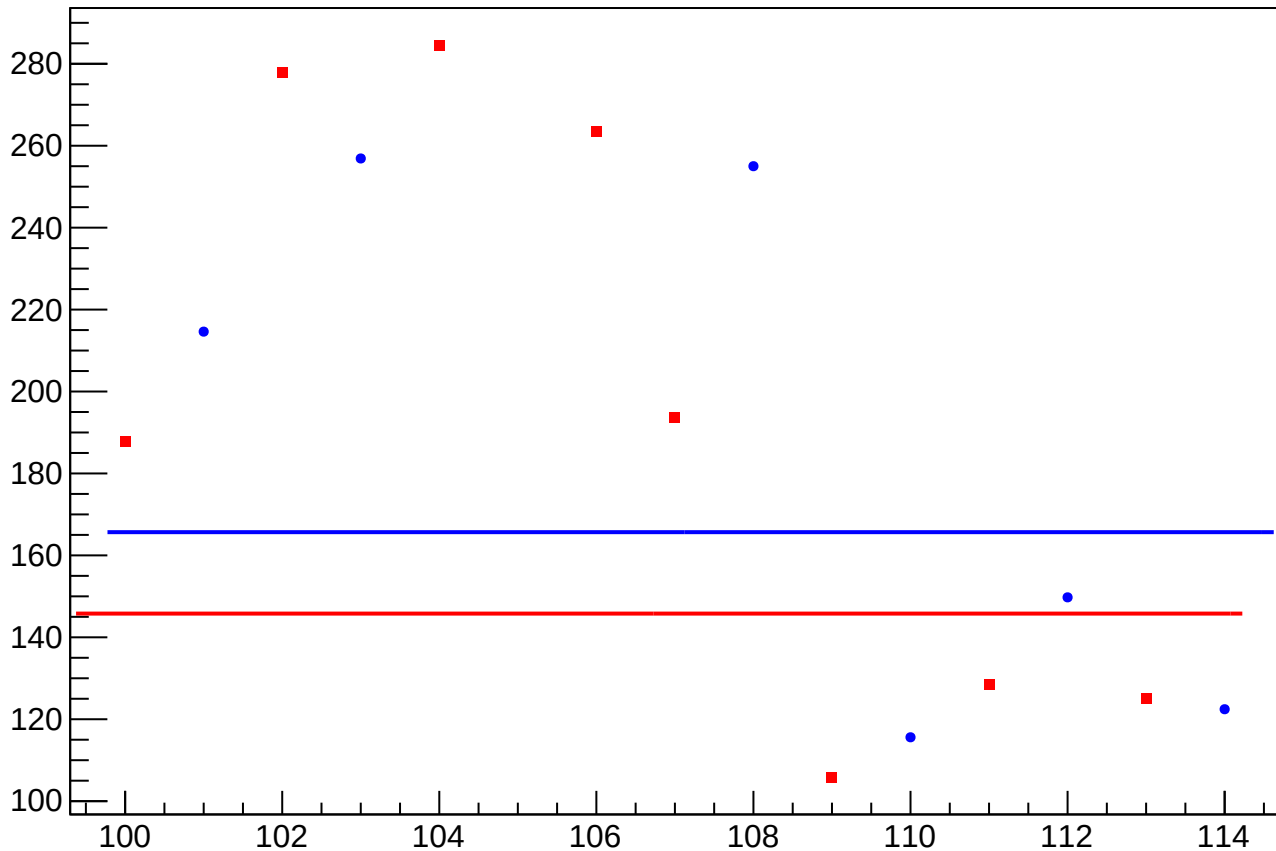
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.776 ± 69.088 χ^2/NDF : 10.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 165.667 $\pm$ 0.077 χ^2 /NDF: 484499.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.791 $\pm$ 0.063 χ^2 /NDF: 850627.2/7

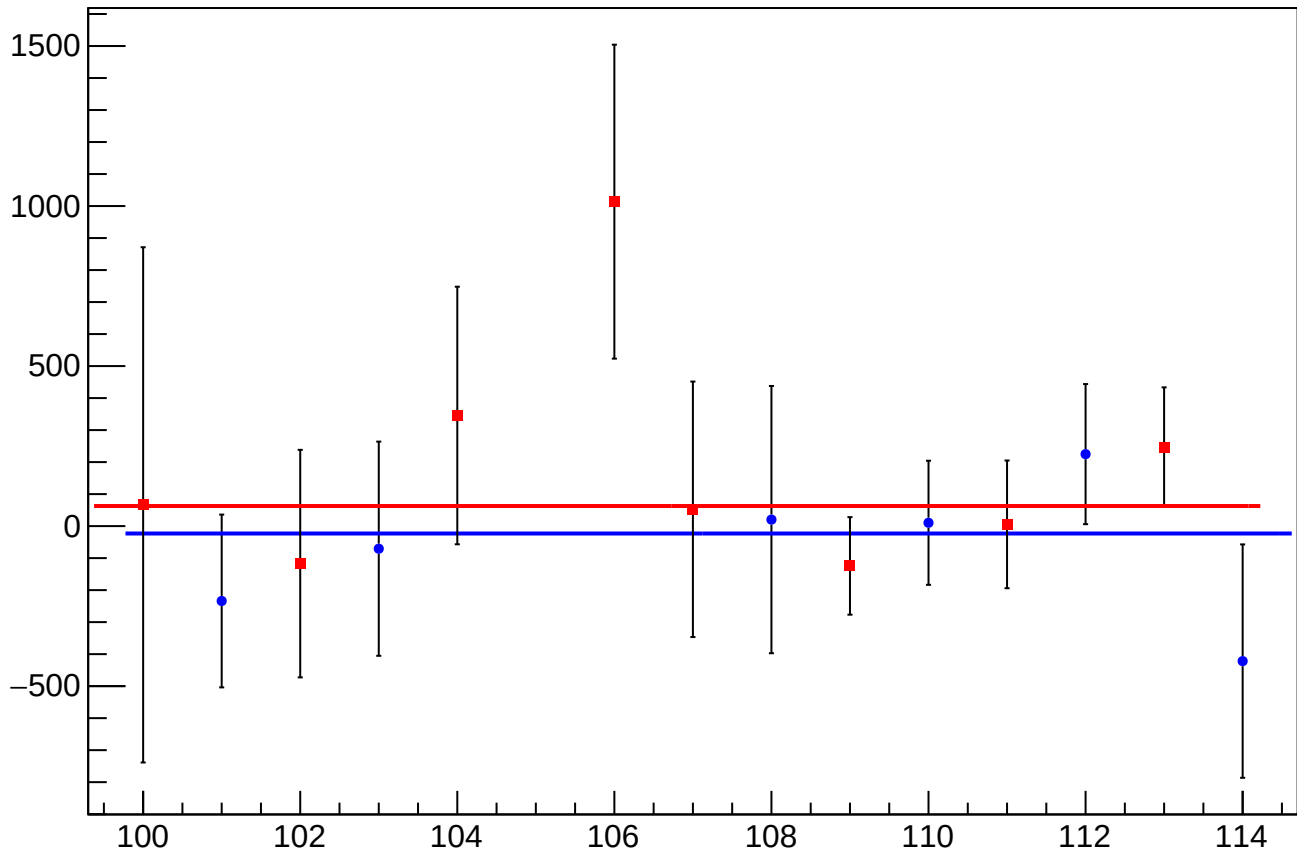
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 153.820 $\pm$ 0.049 χ^2 /NDF: 1374986.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -23.095 $\pm$ 109.499 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.748 $\pm$ 90.196 χ^2 /NDF: 7.1/7

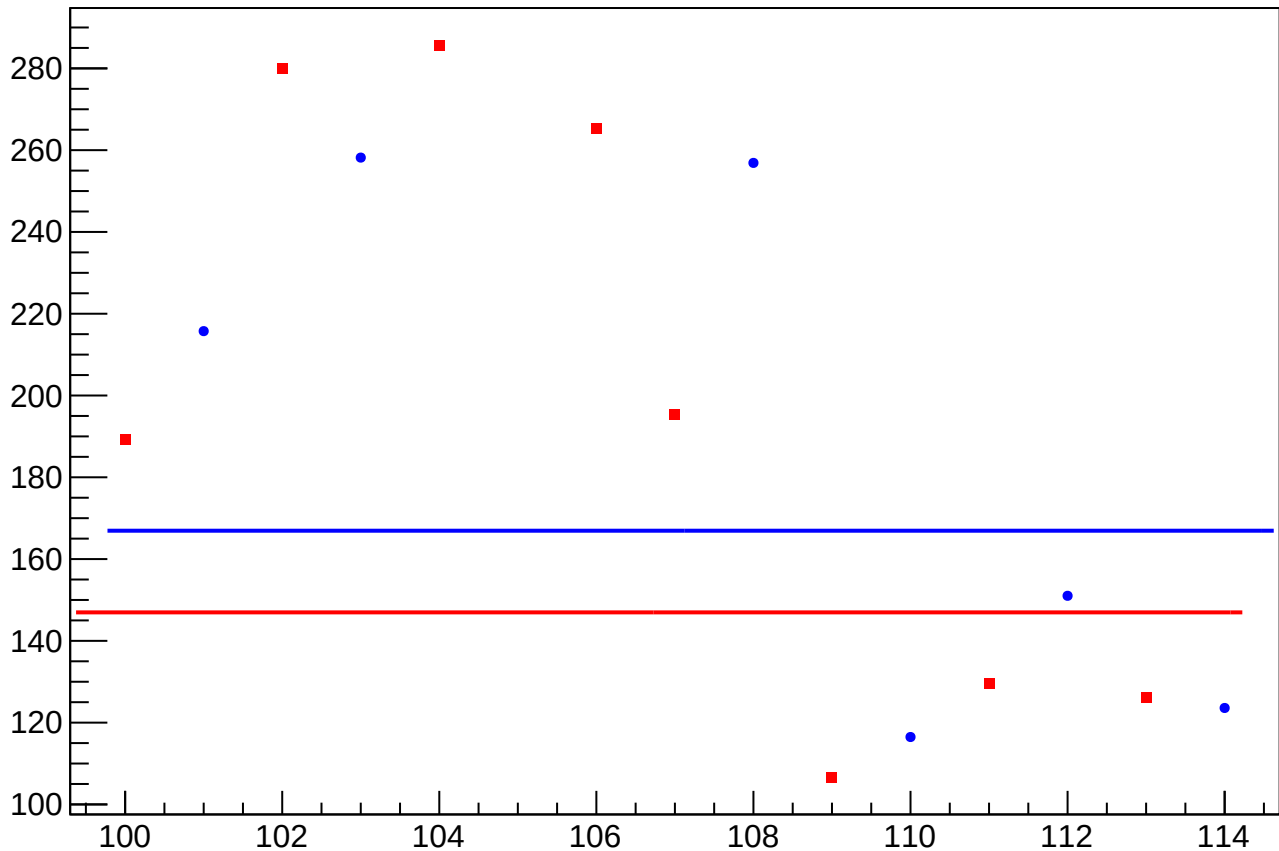
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.047 $\pm$ 69.618 χ^2 /NDF: 10.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 166.935 $\pm$ 0.077 χ^2 /NDF: 481268.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.964 $\pm$ 0.064 χ^2 /NDF: 848461.9/7

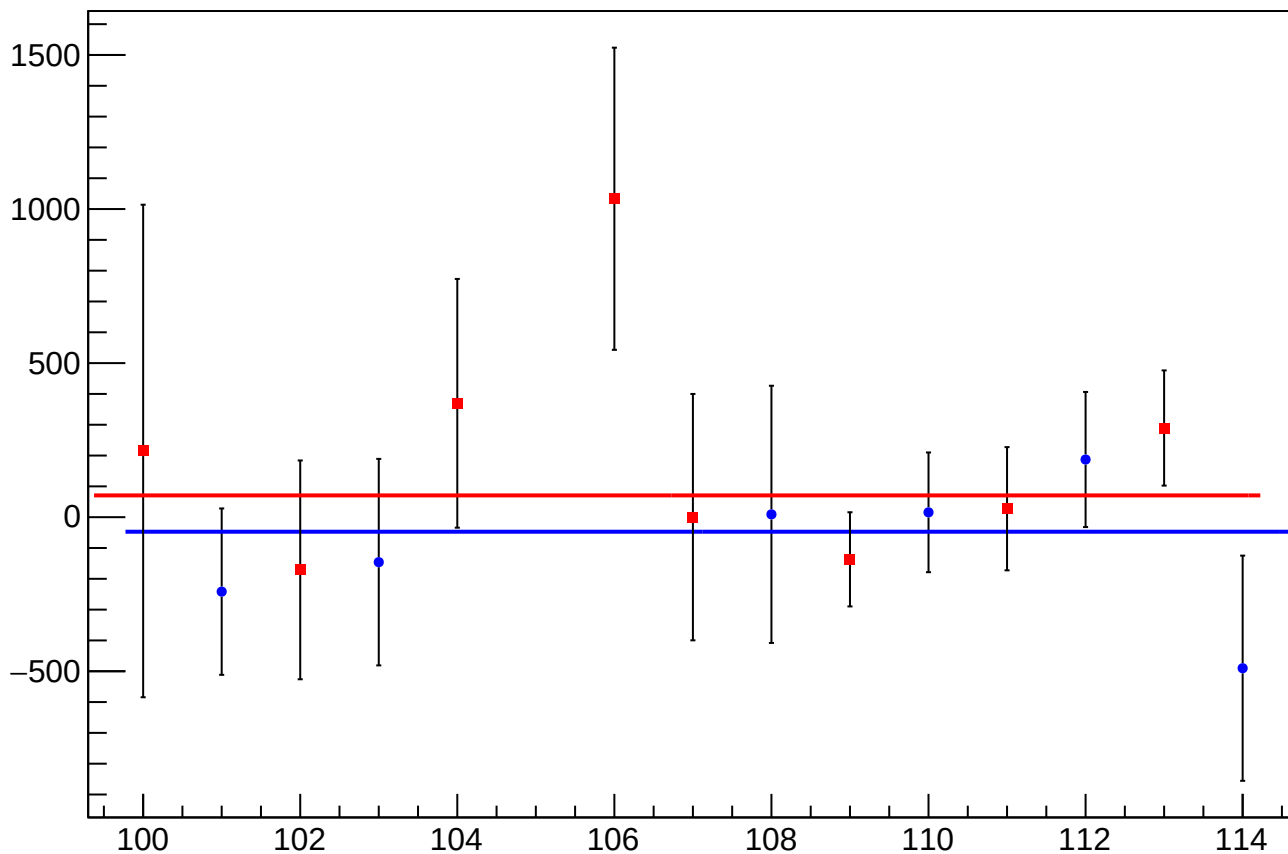
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.037 $\pm$ 0.049 χ^2 /NDF: 1369366.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -47.195 ± 109.667 χ^2/NDF : 3.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 70.674 ± 90.345 χ^2/NDF : 8.2/7

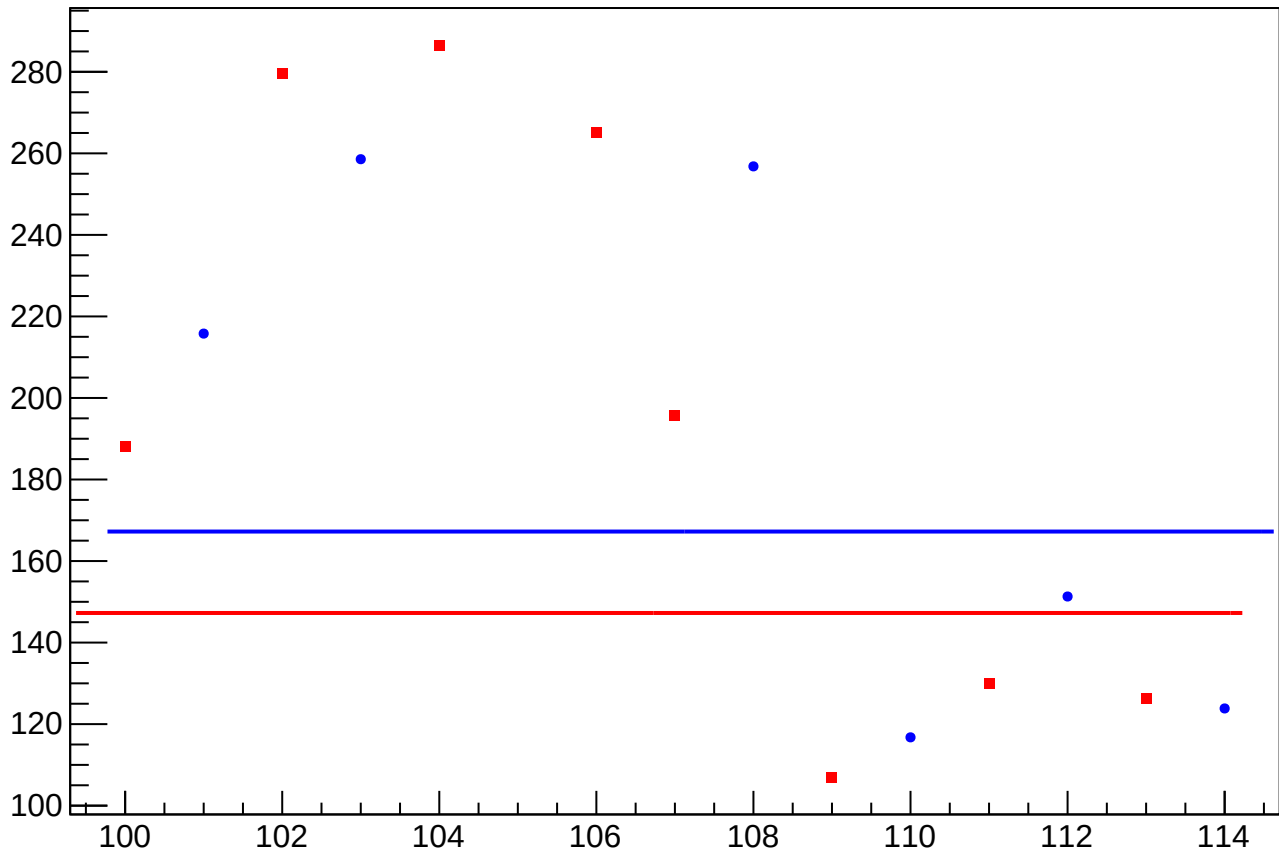
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.021 ± 69.731 χ^2/NDF : 12.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 167.236 $\pm$ 0.078 χ^2 /NDF: 479176.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.261 $\pm$ 0.064 χ^2 /NDF: 845246.7/7

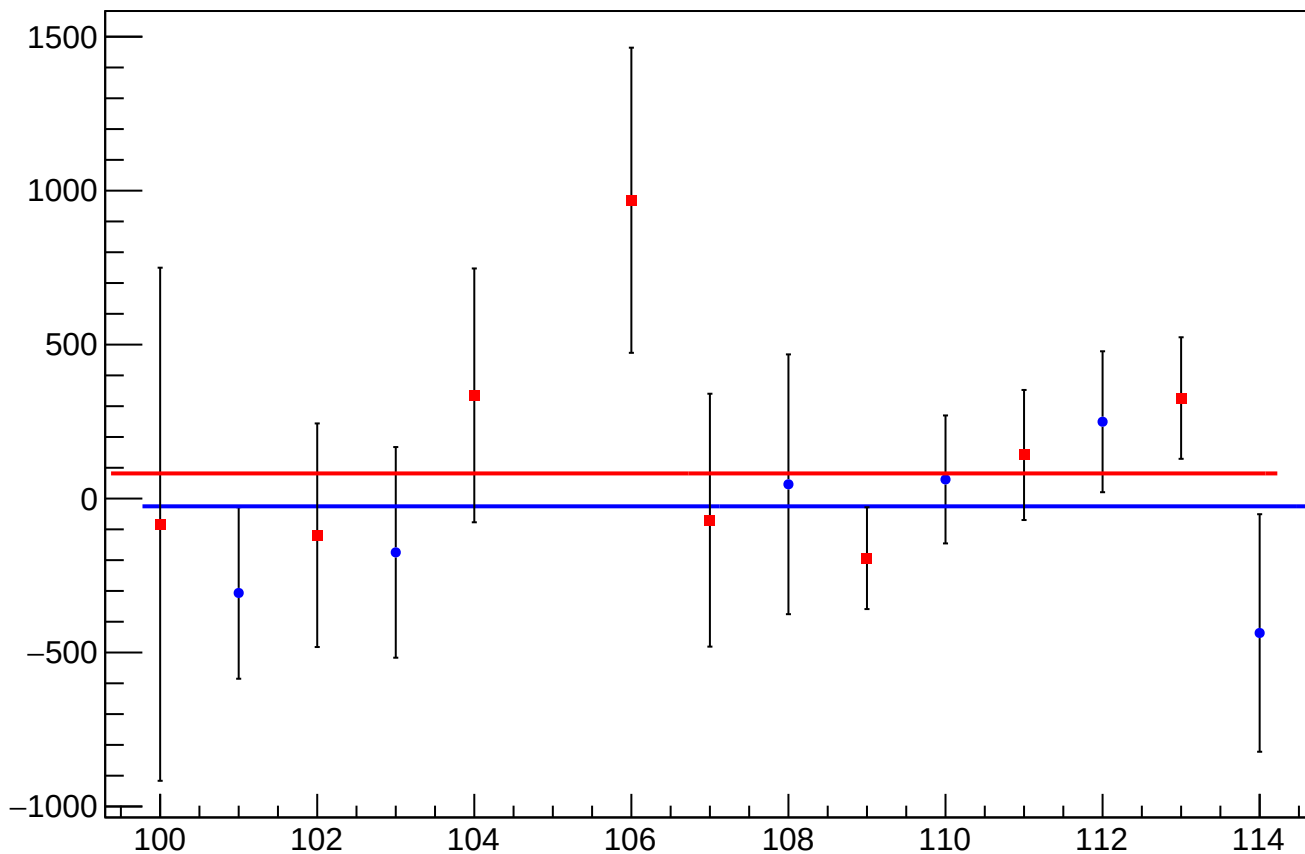
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.337 $\pm$ 0.049 χ^2 /NDF: 1363948.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_mean vs Slug



Right In: -25.200 ± 114.695 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 81.642 ± 95.531 χ^2/NDF : 8.5/7

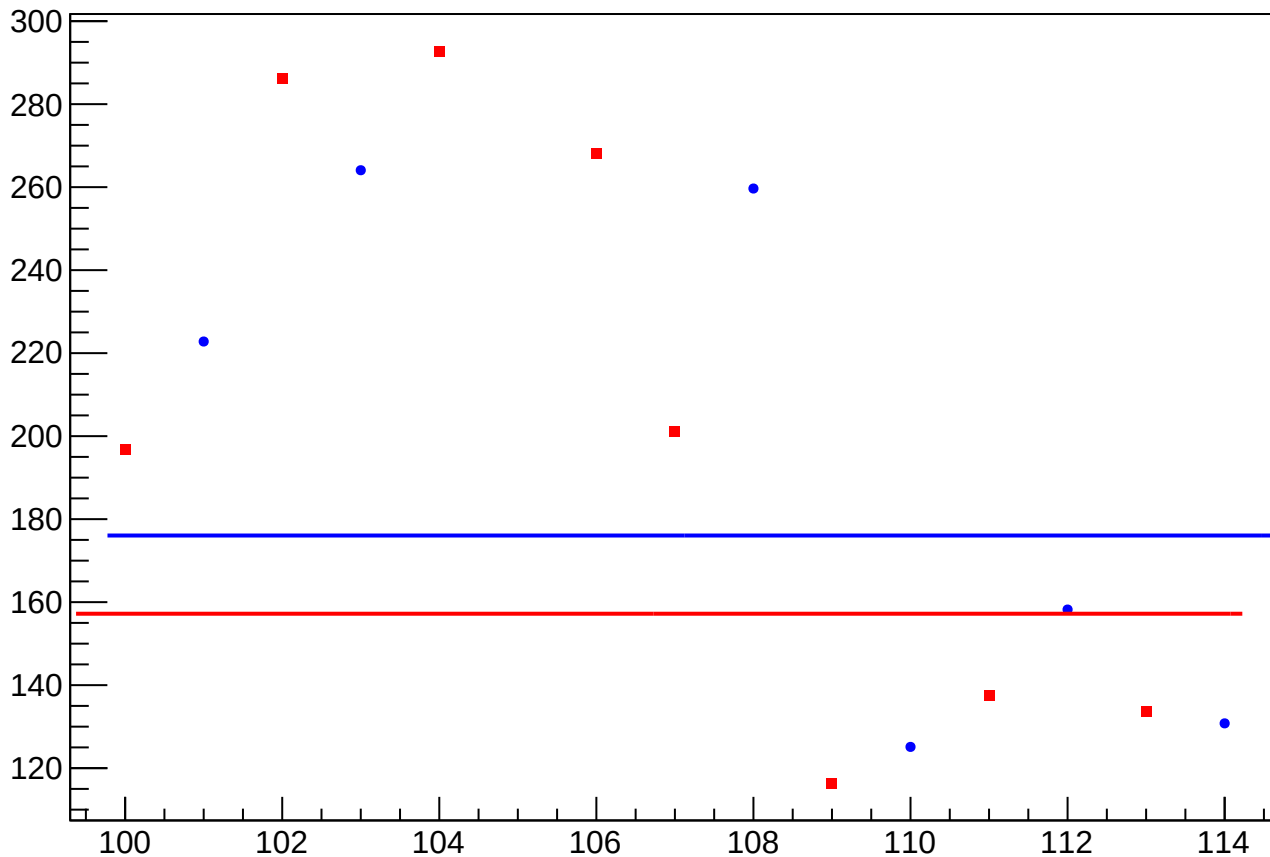
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 37.880 ± 73.404 χ^2/NDF : 13.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 176.057 $\pm$ 0.081 χ^2 /NDF: 427128.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.211 $\pm$ 0.068 χ^2 /NDF: 763810.0/7

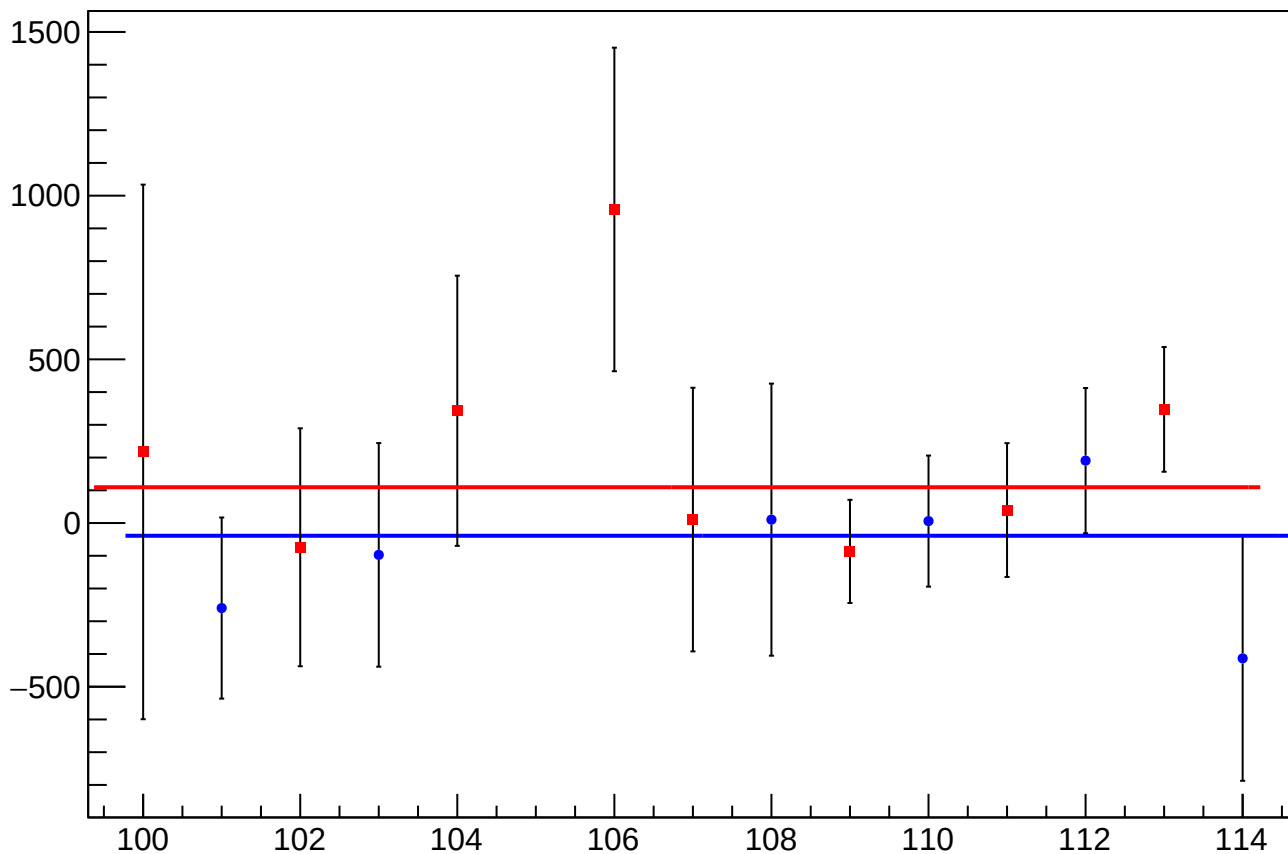
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.930 $\pm$ 0.052 χ^2 /NDF: 1222820.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -38.861 ± 111.903 χ^2/NDF : 2.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 109.334 ± 92.453 χ^2/NDF : 6.8/7

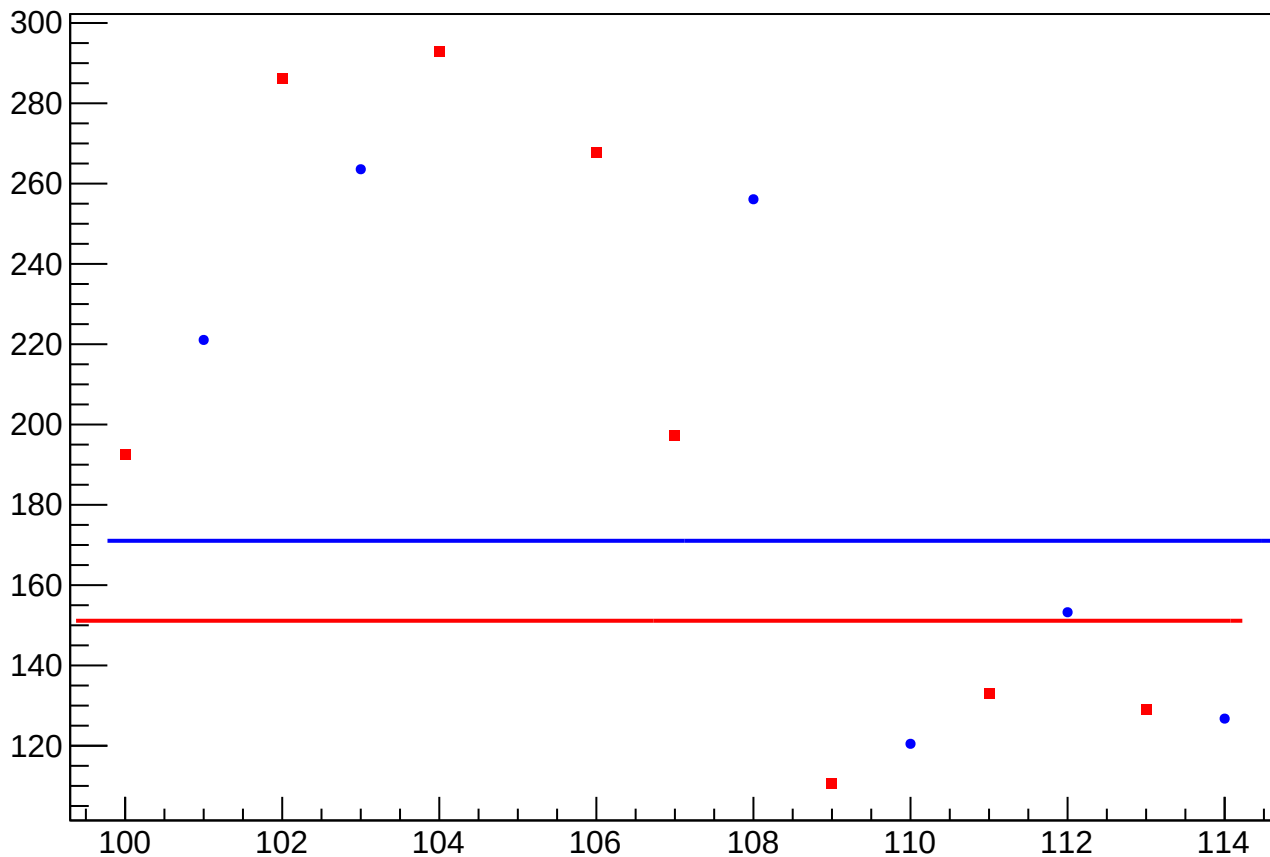
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 49.214 ± 71.274 χ^2/NDF : 10.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 171.044 $\pm$ 0.079 χ^2 /NDF: 464458.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.131 $\pm$ 0.065 χ^2 /NDF: 830404.0/7

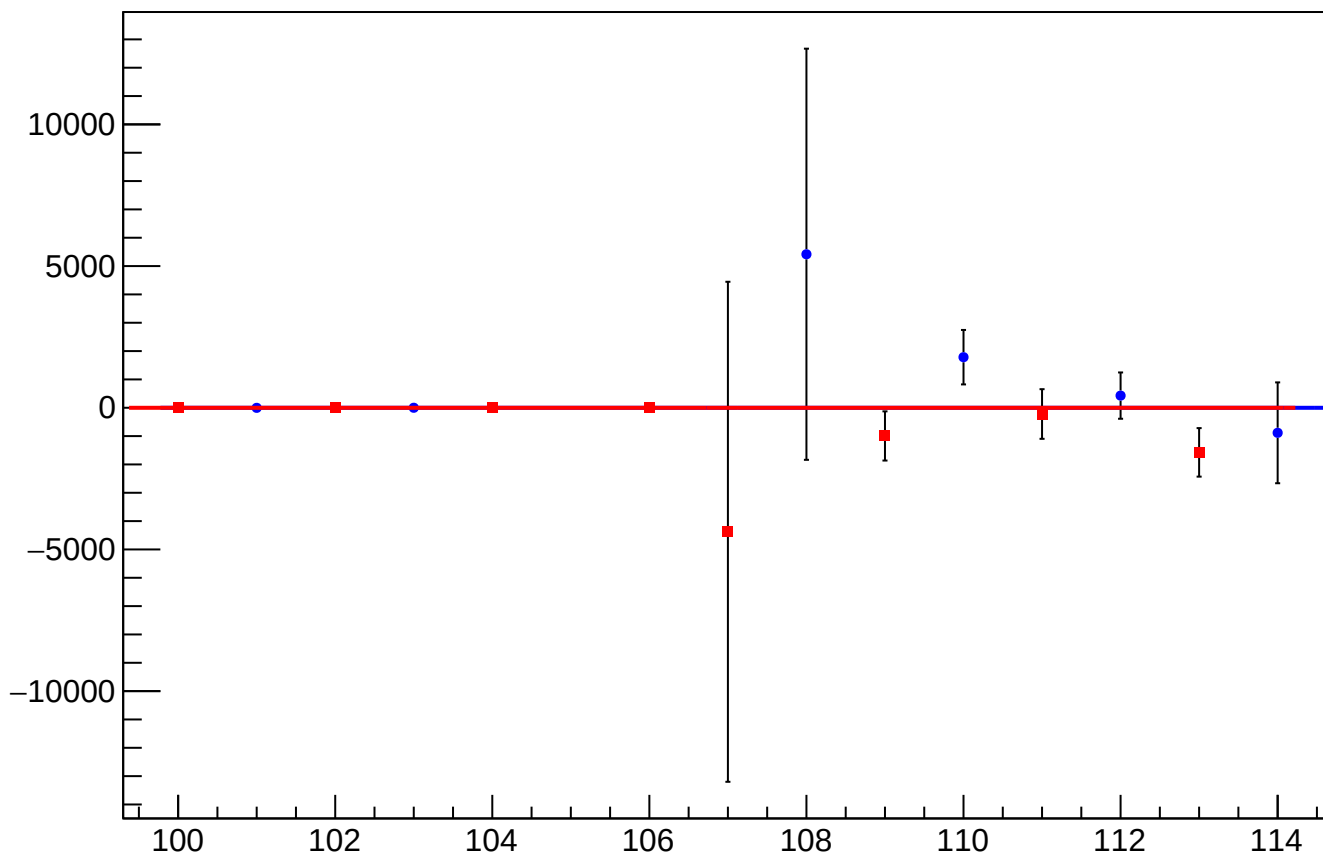
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.209 $\pm$ 0.050 χ^2 /NDF: 1332501.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.207 $\pm$ 2.171 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.378 $\pm$ 2.022 χ^2 /NDF: 10.2/7

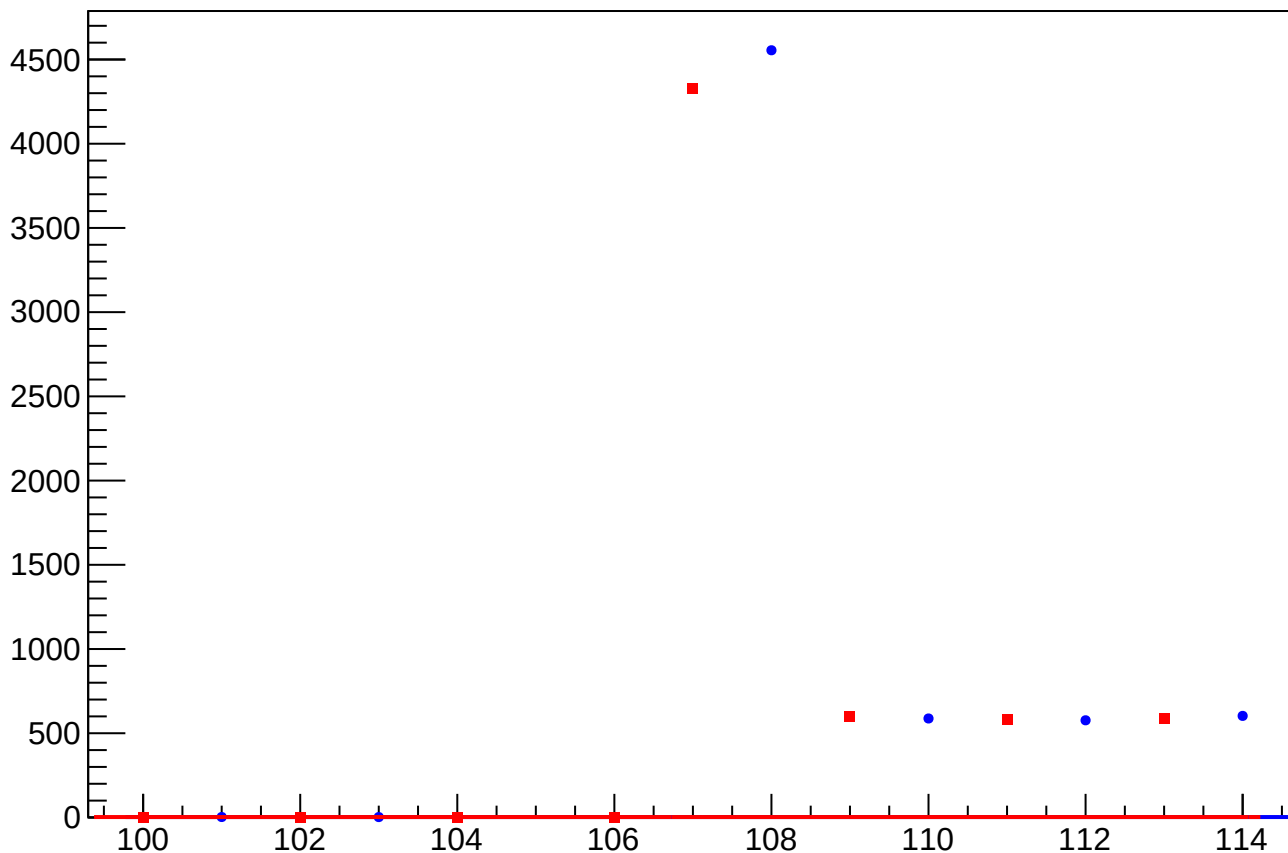
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.299 $\pm$ 1.480 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.438+/-0.002 χ^2/NDF : 2760662.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.432+/-0.001 χ^2/NDF : 3262014.6/7

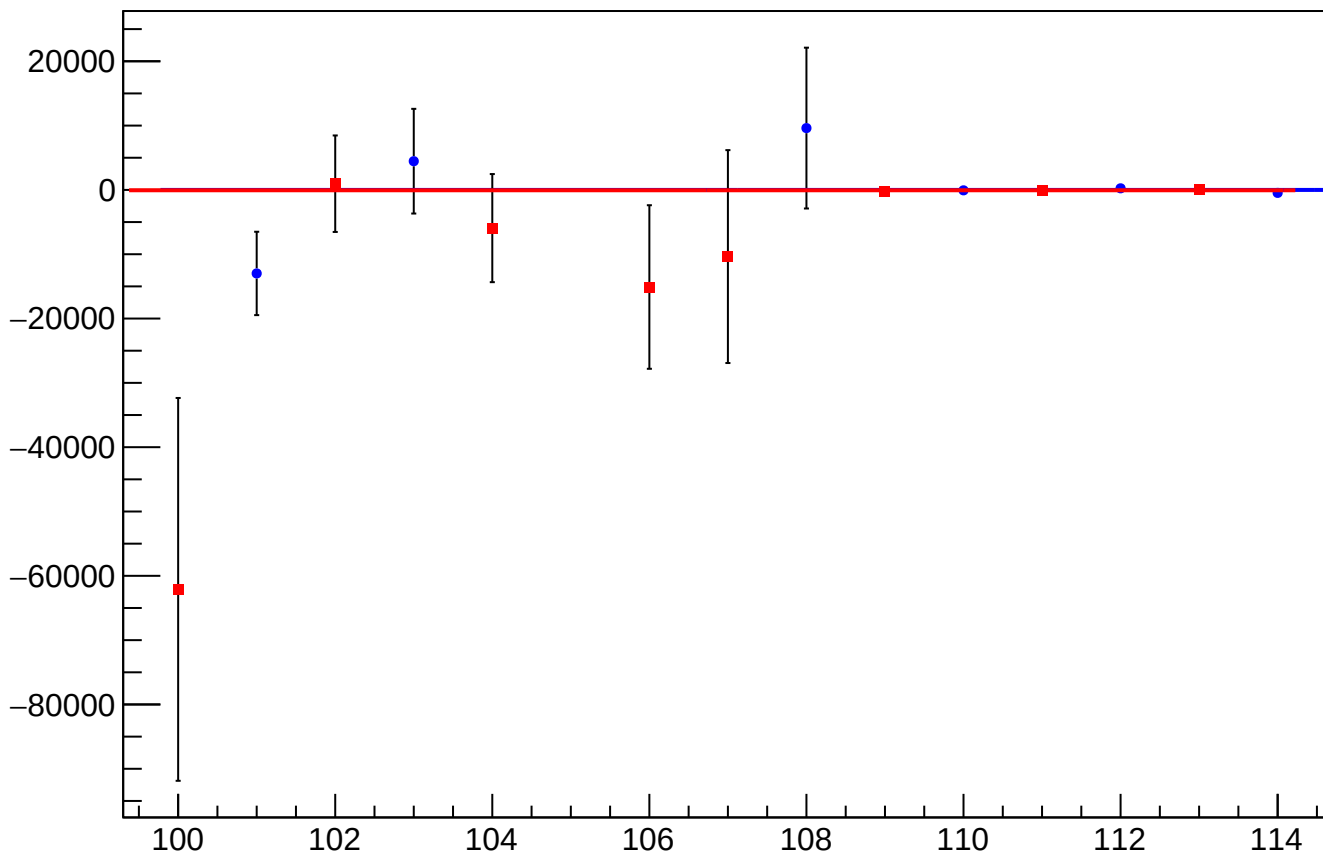
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.435+/-0.001 χ^2/NDF : 6022683.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug



Right In: -3.125+/-140.802 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.994+/-120.277 χ^2/NDF : 7.3/7

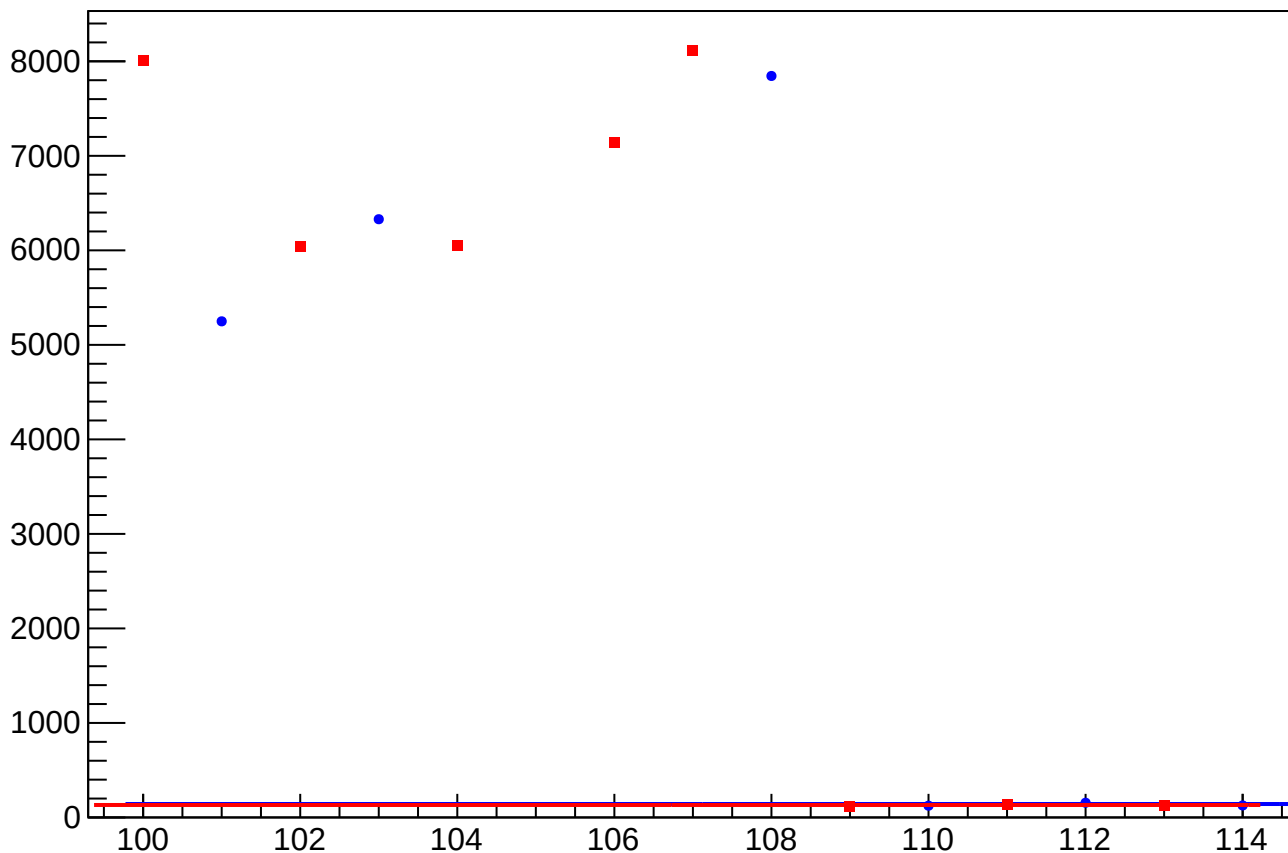
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.113+/-91.452 χ^2/NDF : 15.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 142.238+/-0.100 χ^2/NDF : 3181724.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.993+/-0.085 χ^2/NDF : 3458104.7/7

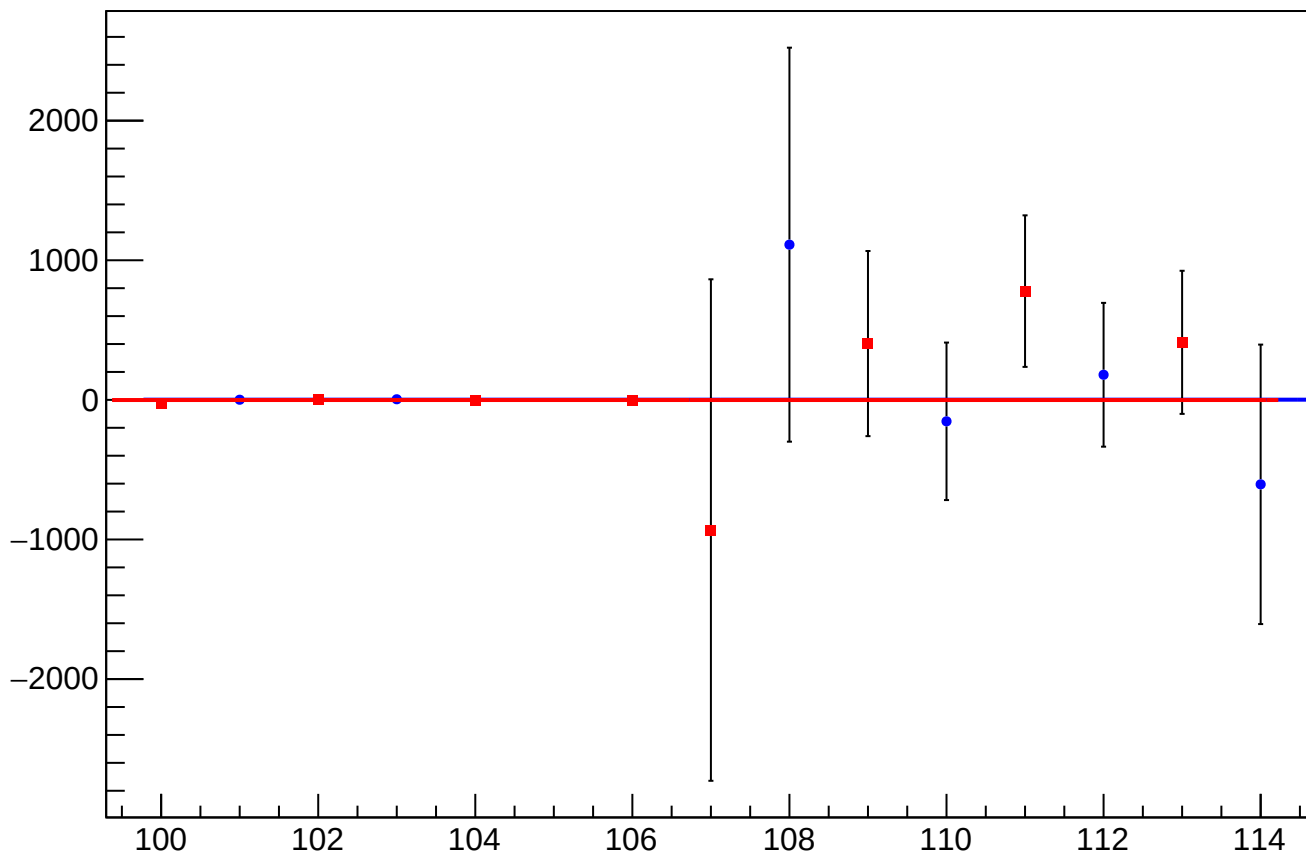
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.315+/-0.065 χ^2/NDF : 6645950.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug



Right In: 1.444 $\pm$ 1.660 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.102 $\pm$ 1.528 χ^2 /NDF: 5.9/7

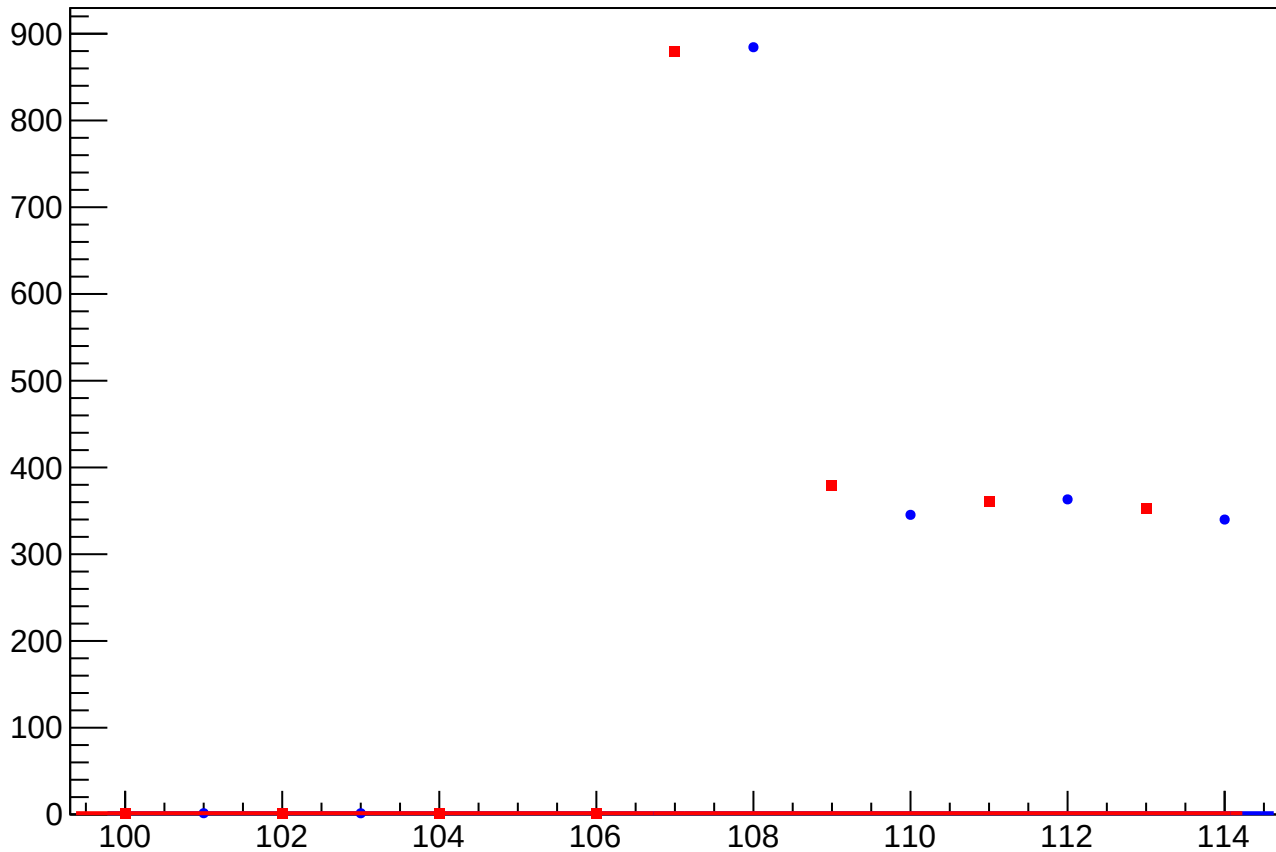
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 1.124 χ^2 /NDF: 8.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.438 $\pm$ 0.001 χ^2 /NDF: 2742690.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.442 $\pm$ 0.001 χ^2 /NDF: 2944149.1/7

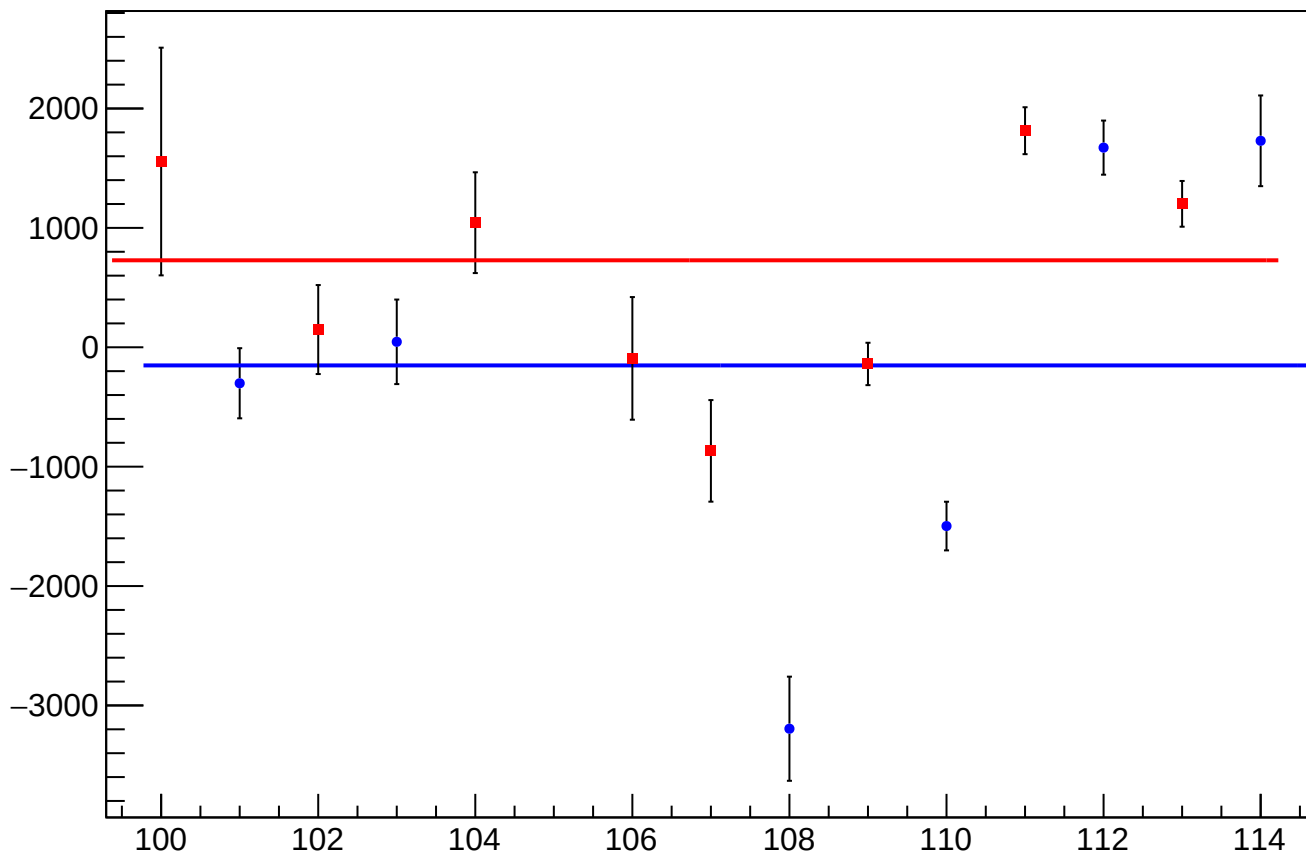
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.440 $\pm$ 0.001 χ^2 /NDF: 5686844.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm0l02_mean vs Slug



Right In: -151.920+/-115.241 χ^2/NDF : 182.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.522+/-96.185 χ^2/NDF : 80.9/7

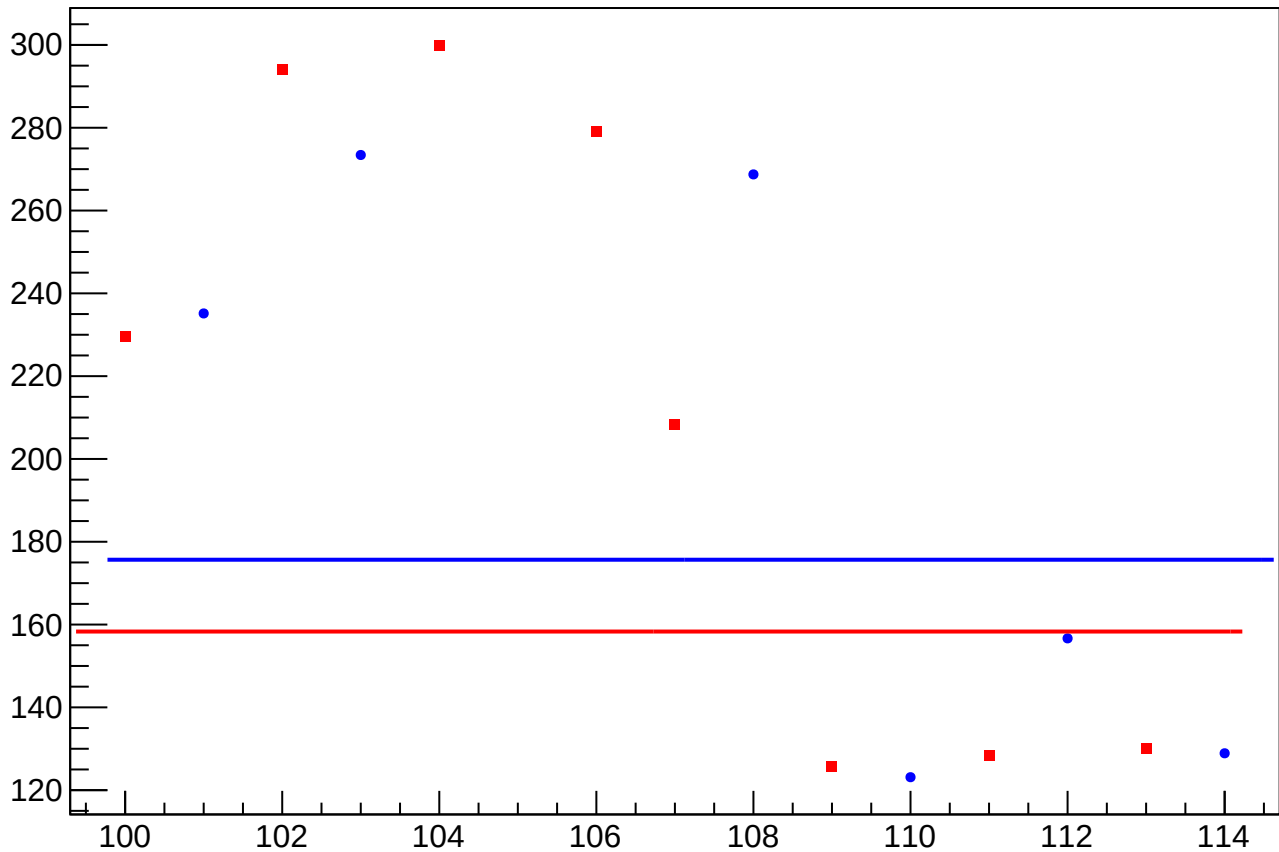
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.017+/-73.844 χ^2/NDF : 297.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 175.660 $\pm$ 0.081 χ^2 /NDF: 502782.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.315 $\pm$ 0.068 χ^2 /NDF: 797260.0/7

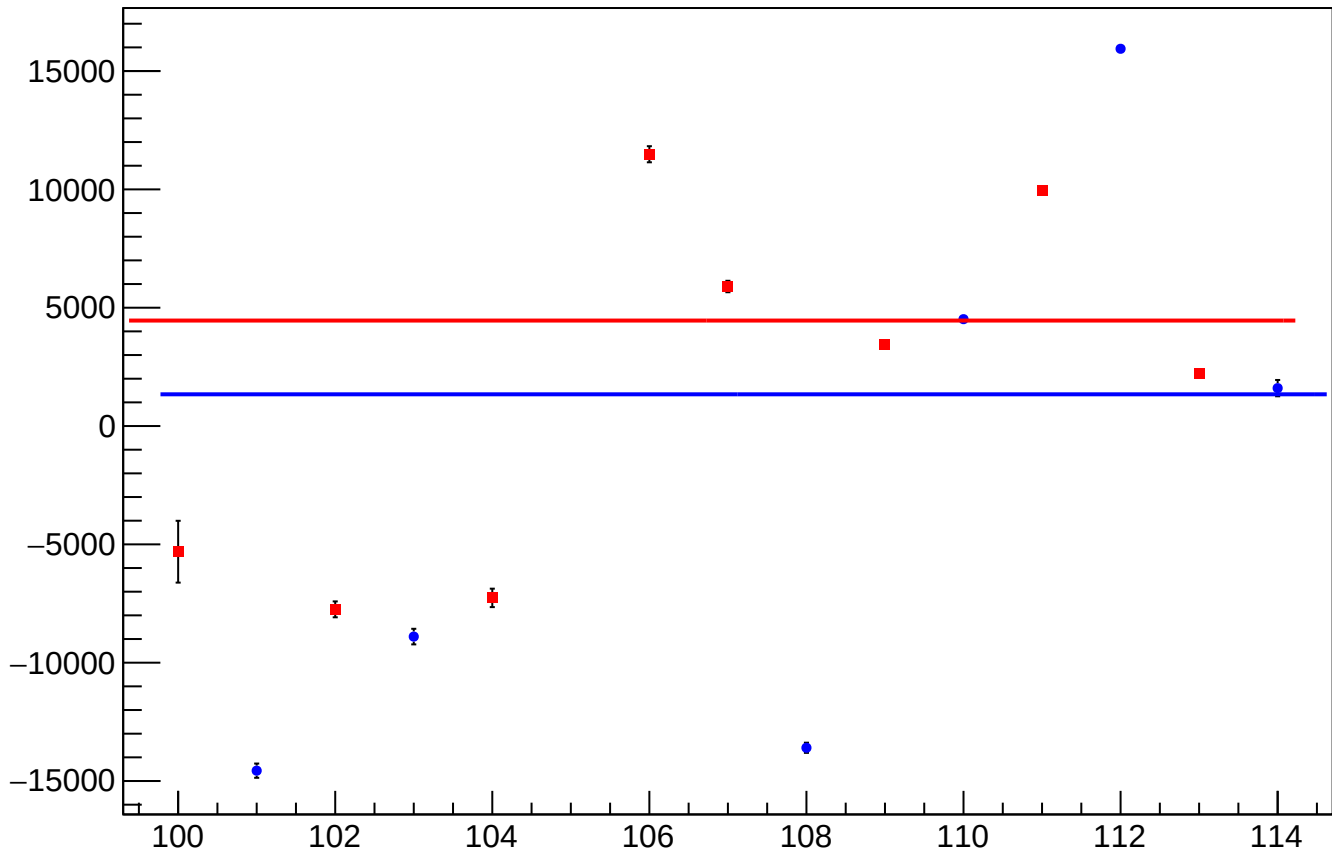
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.437 $\pm$ 0.052 χ^2 /NDF: 1326744.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 1340.666+/-92.521 χ^2/NDF : 16001.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4457.061+/-79.464 χ^2/NDF : 4212.1/7

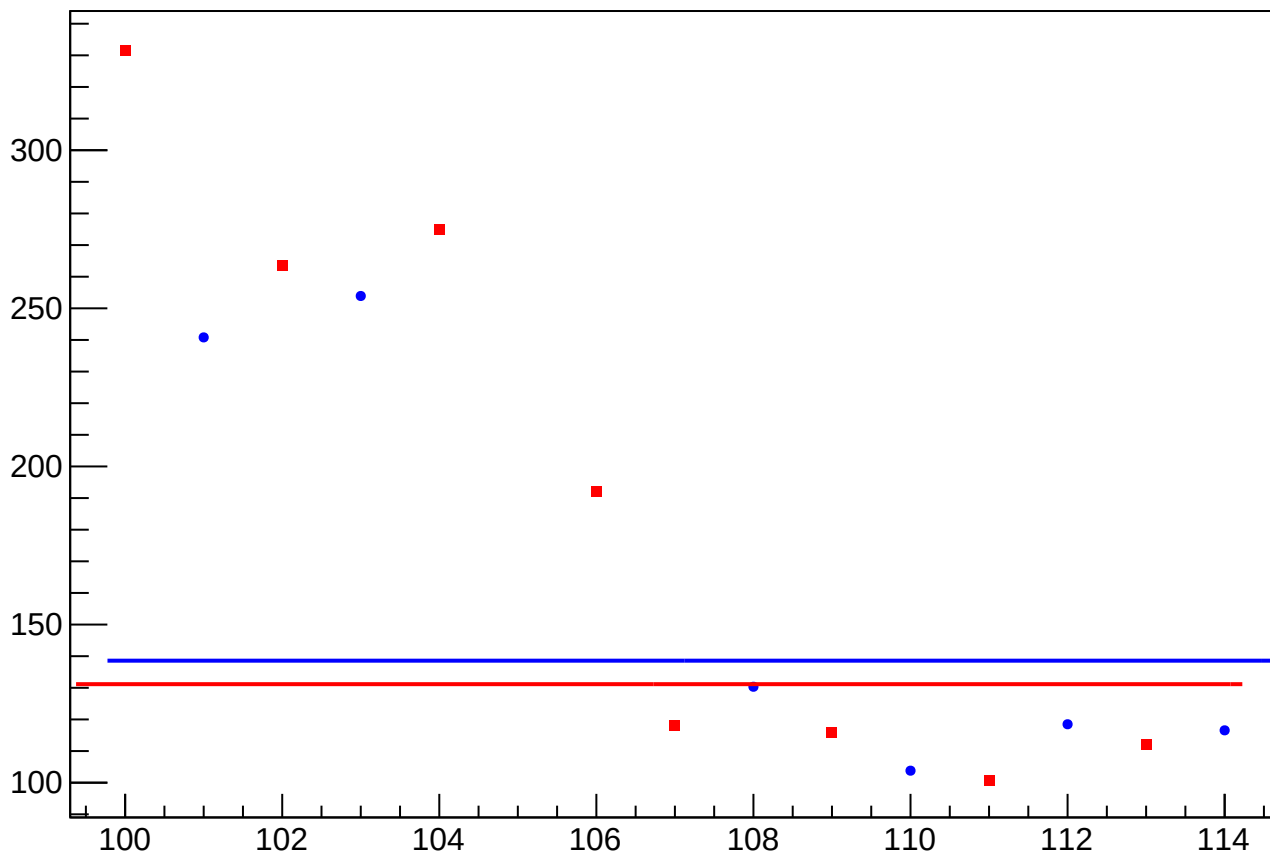
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.116+/-60.282 χ^2/NDF : 20866.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 138.582 $\pm$ 0.065 χ^2 /NDF: 594092.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.153 $\pm$ 0.056 χ^2 /NDF: 820269.8/7

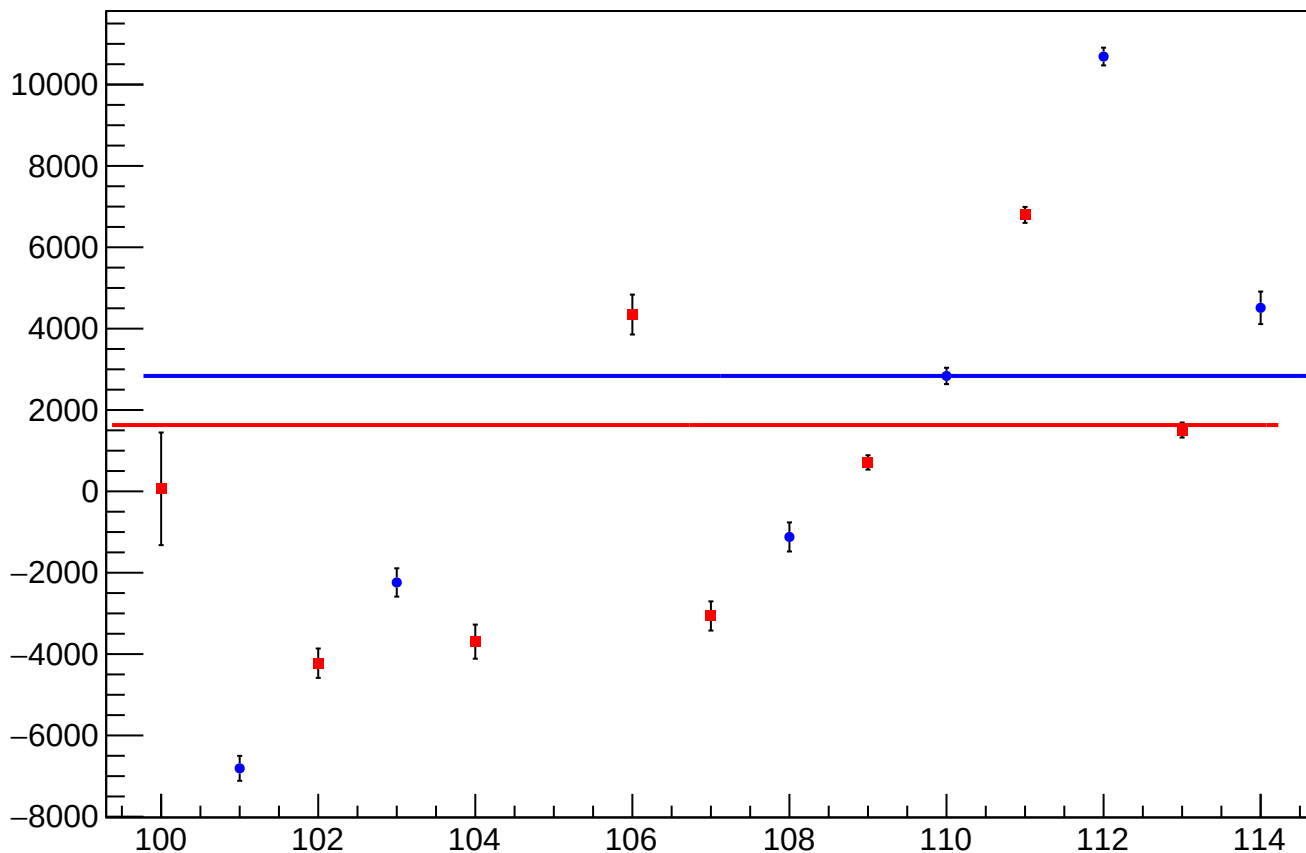
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.307 $\pm$ 0.043 χ^2 /NDF: 1421783.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 2837.373+/-112.643 χ^2/NDF : 2638.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1630.449+/-93.900 χ^2/NDF : 1349.0/7

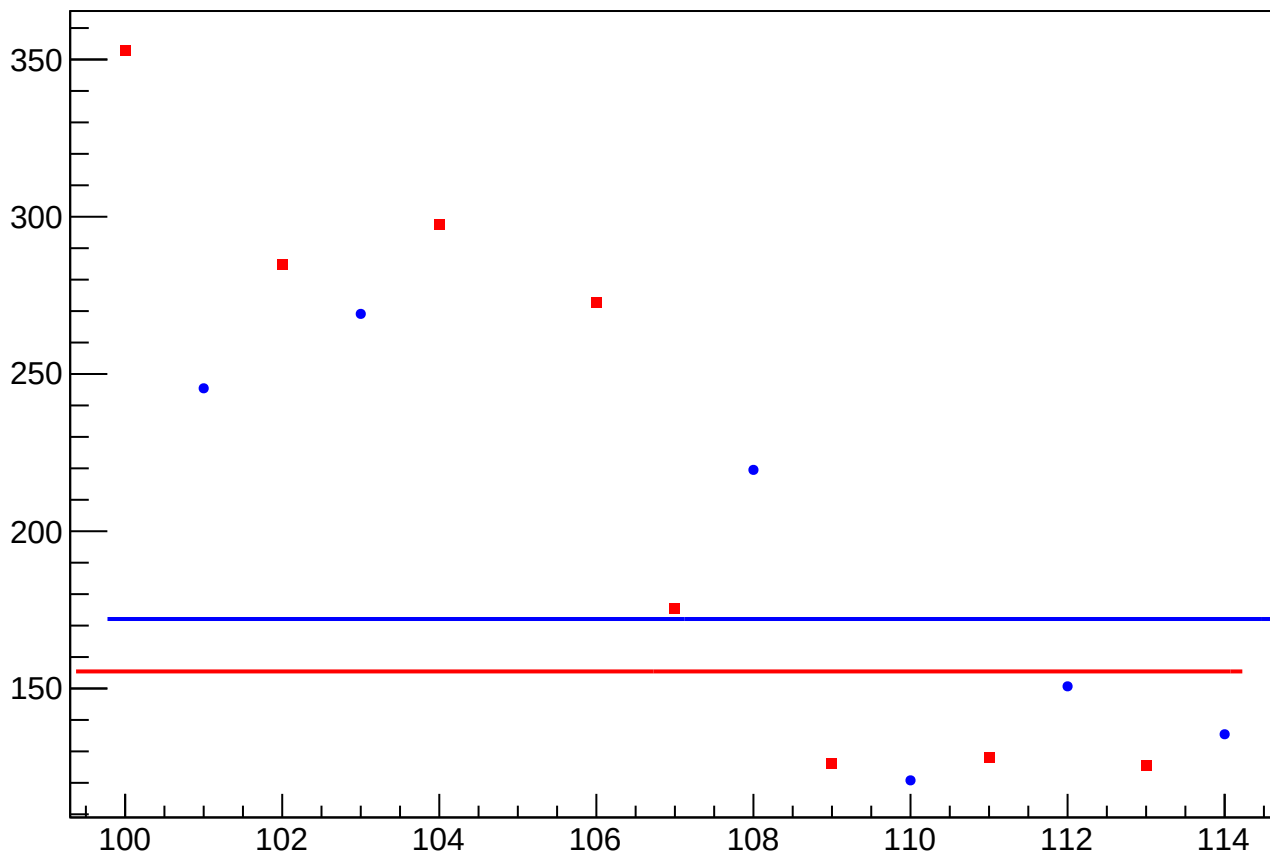
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.281+/-72.126 χ^2/NDF : 4055.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 172.093+/-0.080 χ^2/NDF : 471673.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.423+/-0.066 χ^2/NDF : 795751.2/7

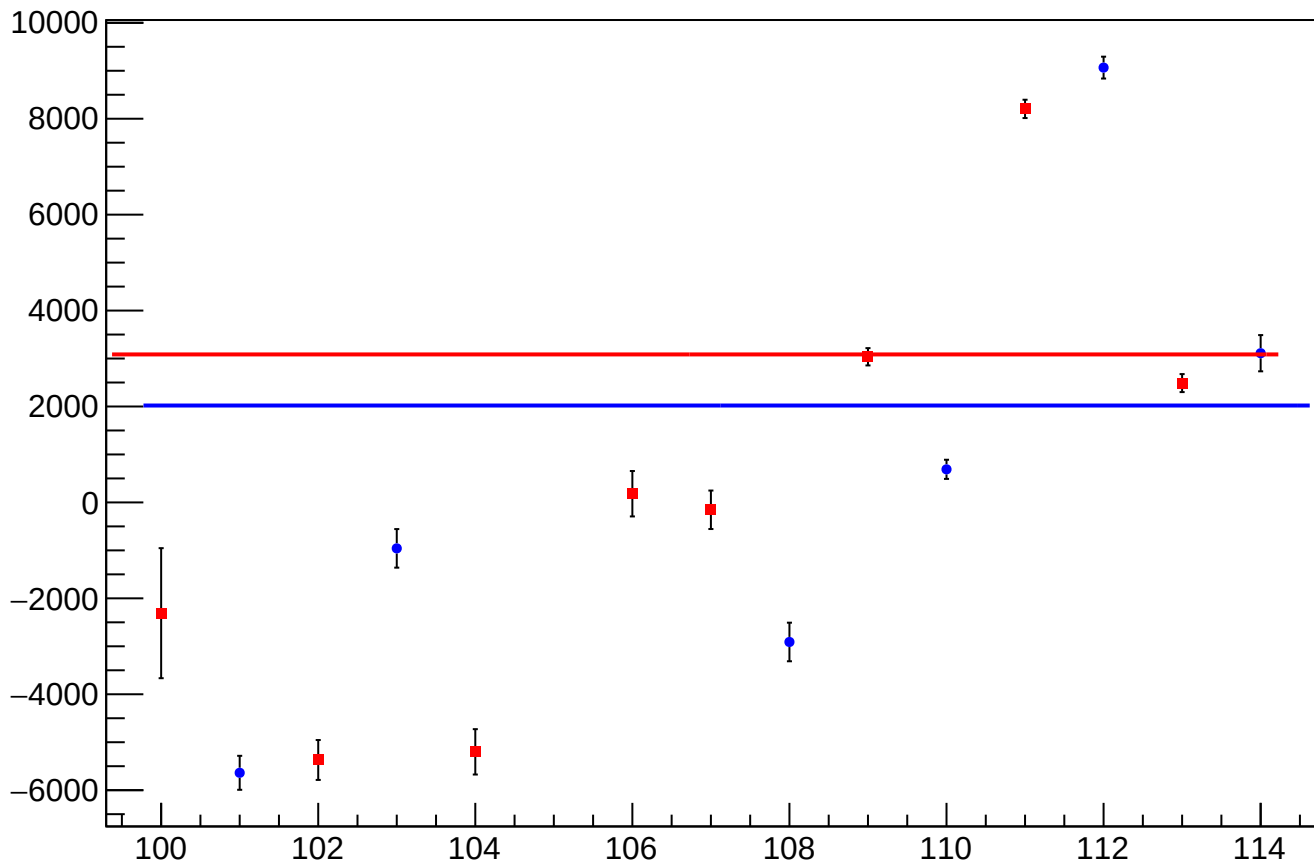
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.258+/-0.051 χ^2/NDF : 1293266.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 2020.353+/-118.145 χ^2/NDF : 1680.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3085.648+/-96.212 χ^2/NDF : 1567.9/7

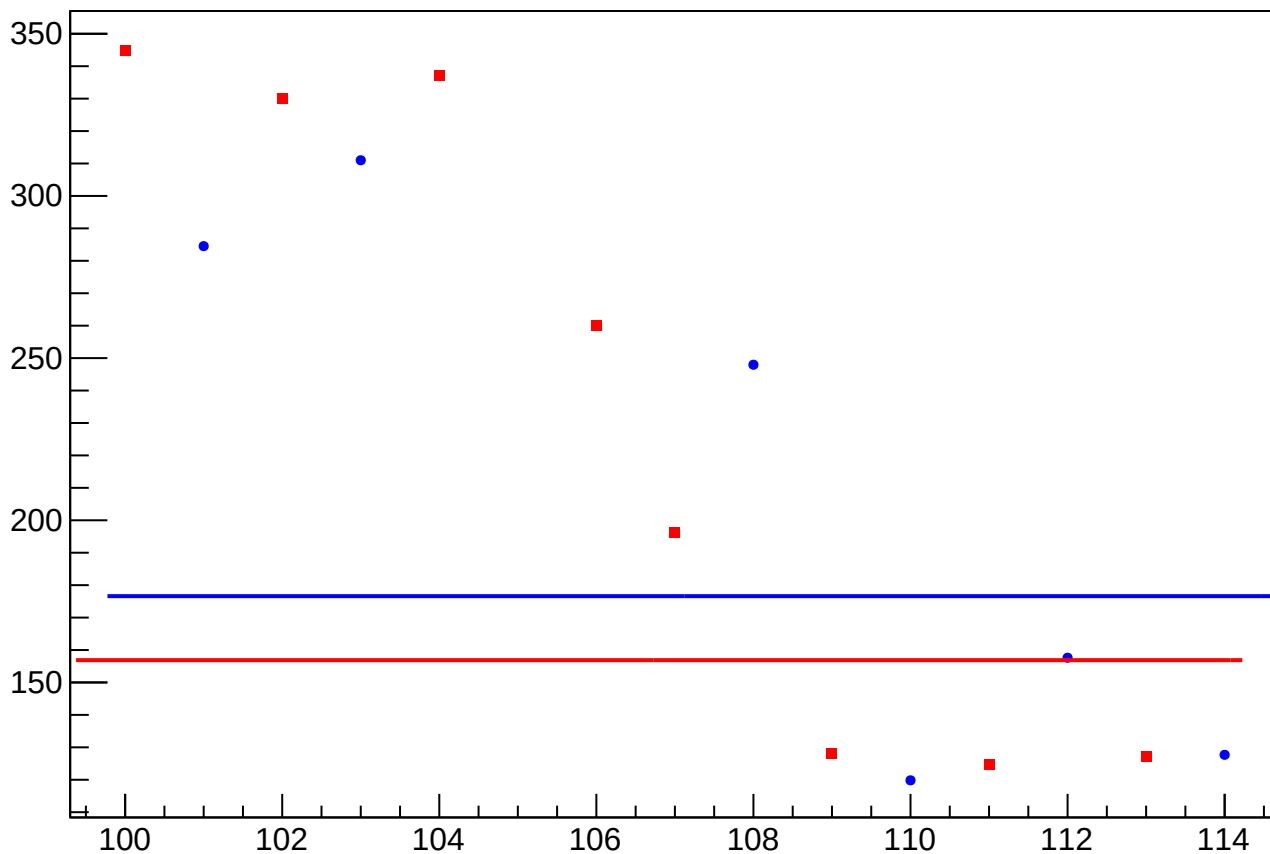
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.875+/-74.604 χ^2/NDF : 3297.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 176.608 $\pm$ 0.084 χ^2 /NDF: 680826.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.877 $\pm$ 0.068 χ^2 /NDF: 947473.8/7

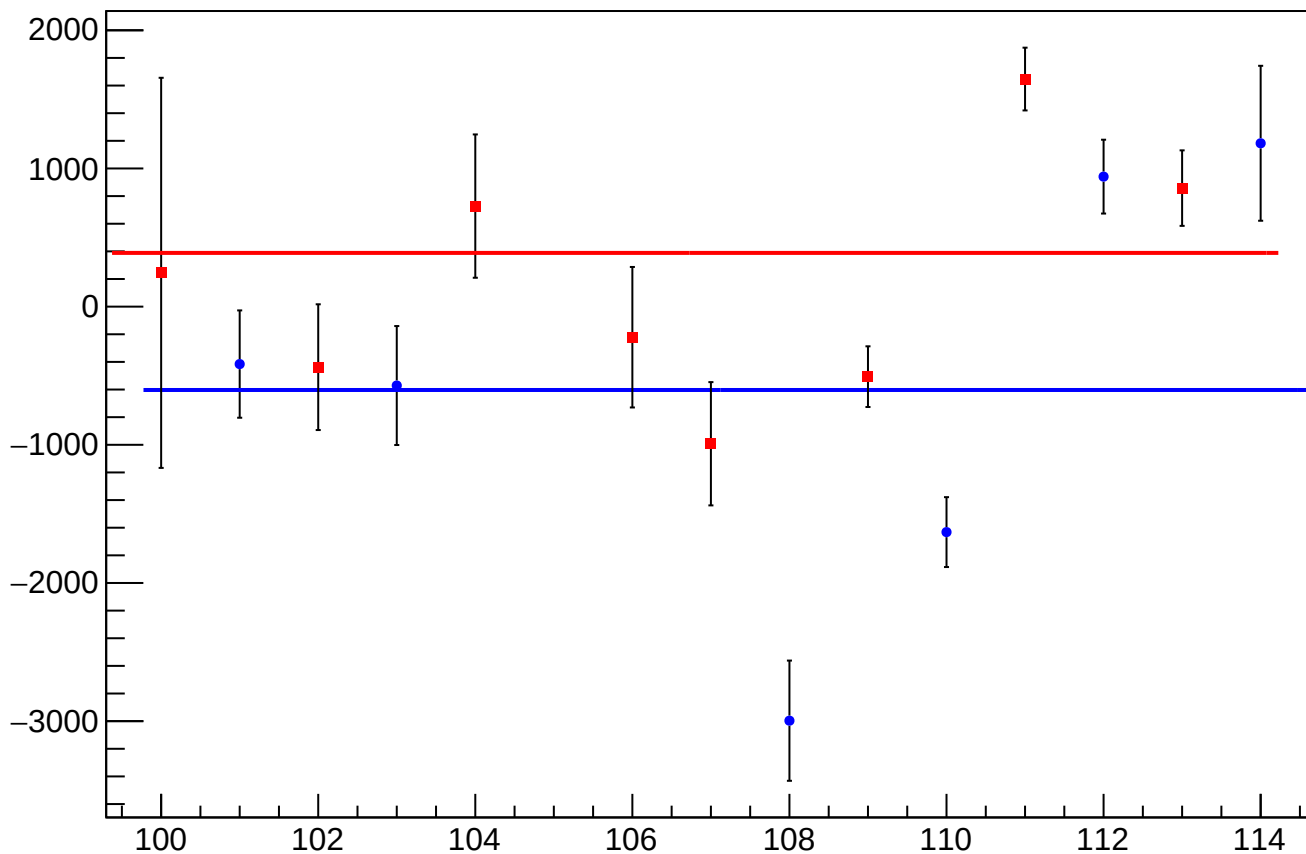
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.745 $\pm$ 0.053 χ^2 /NDF: 1661839.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -603.257+/-141.231 χ^2 /NDF: 90.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 388.862+/-118.301 χ^2 /NDF: 65.0/7

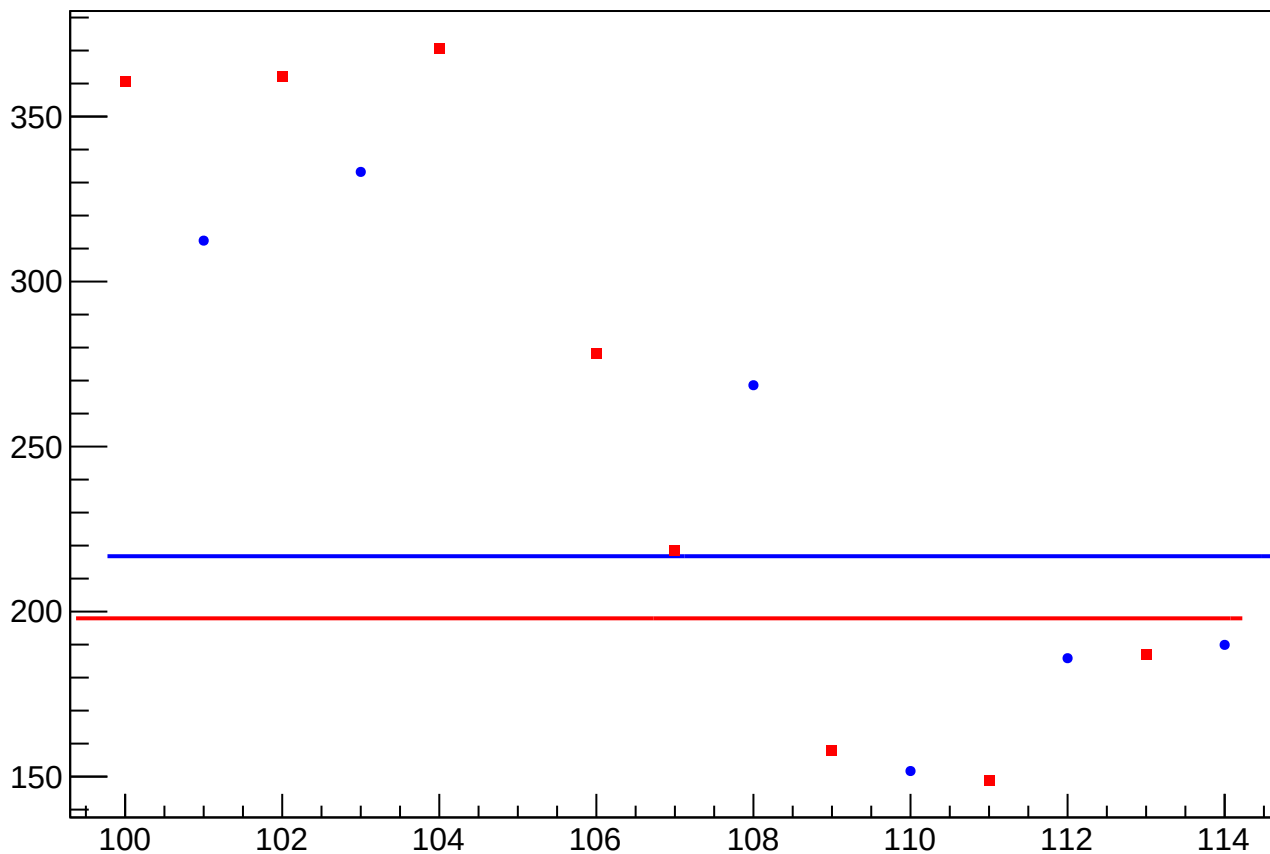
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -20.223+/-90.689 χ^2 /NDF: 184.6/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 216.779 $\pm$ 0.100 χ^2 /NDF: 459778.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 197.957 $\pm$ 0.084 χ^2 /NDF: 724670.6/7

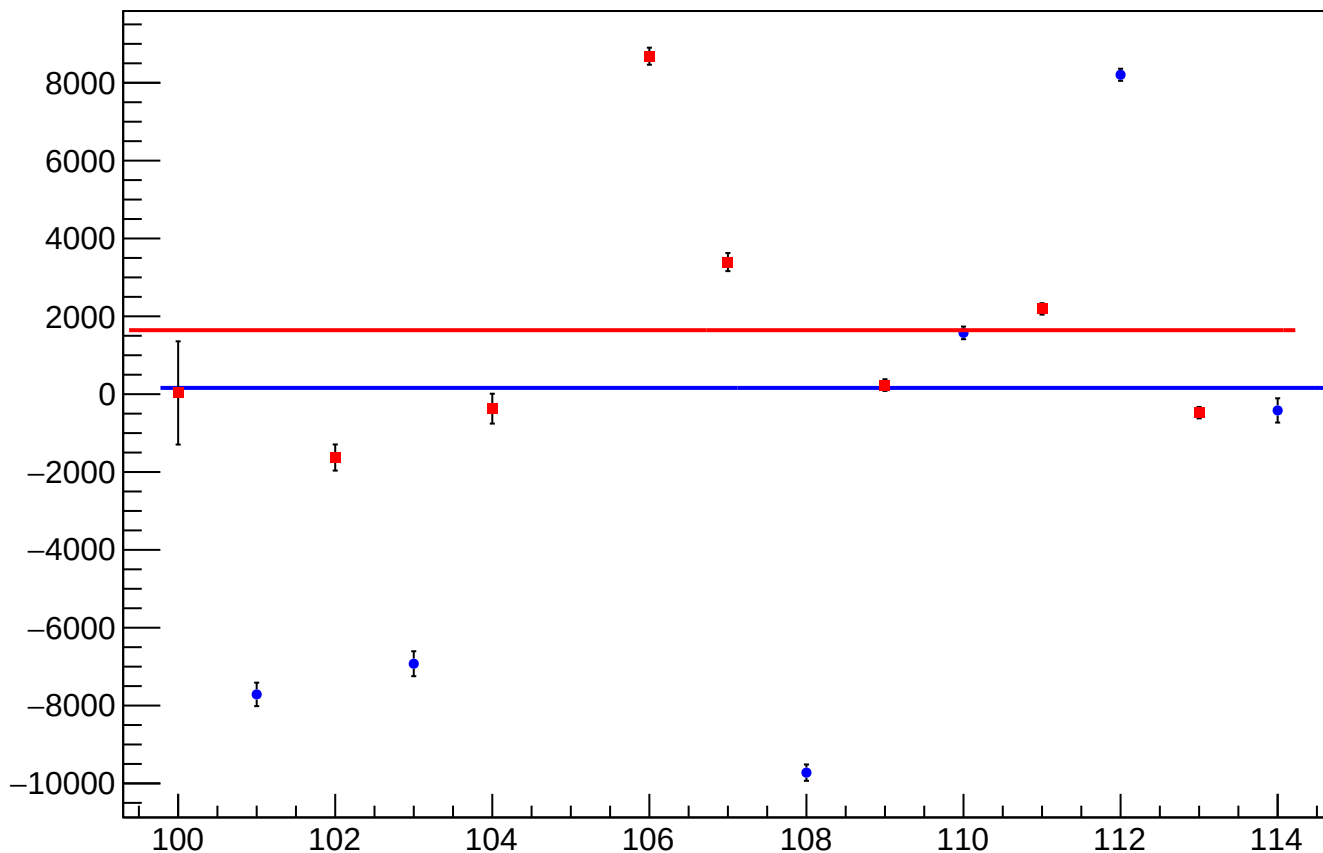
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.718 $\pm$ 0.064 χ^2 /NDF: 1205323.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: 161.078+/-86.668 χ^2/NDF : 6147.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.804+/-71.856 χ^2/NDF : 1526.8/7

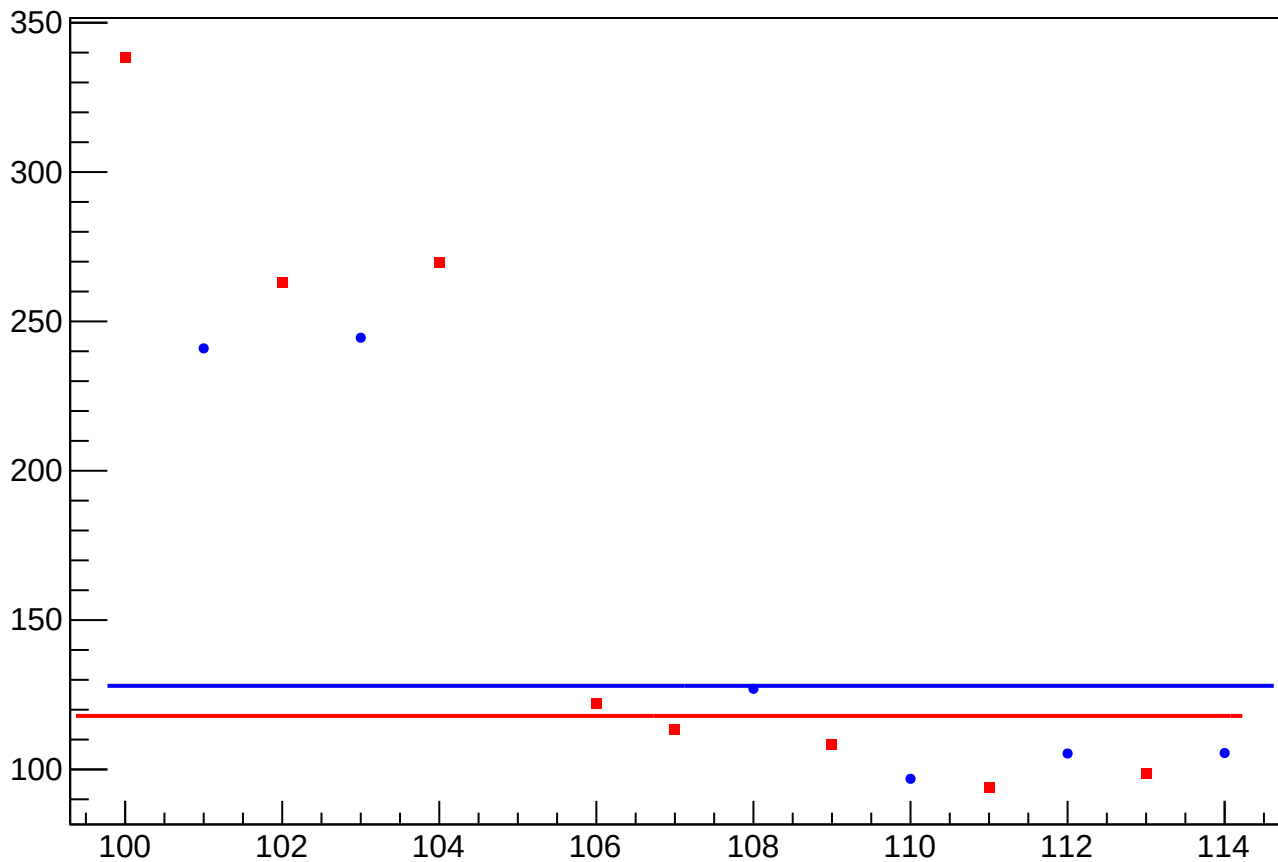
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1039.784+/-55.316 χ^2/NDF : 7847.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 127.994+/-0.061 χ^2/NDF : 671427.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.920+/-0.051 χ^2/NDF : 841448.7/7

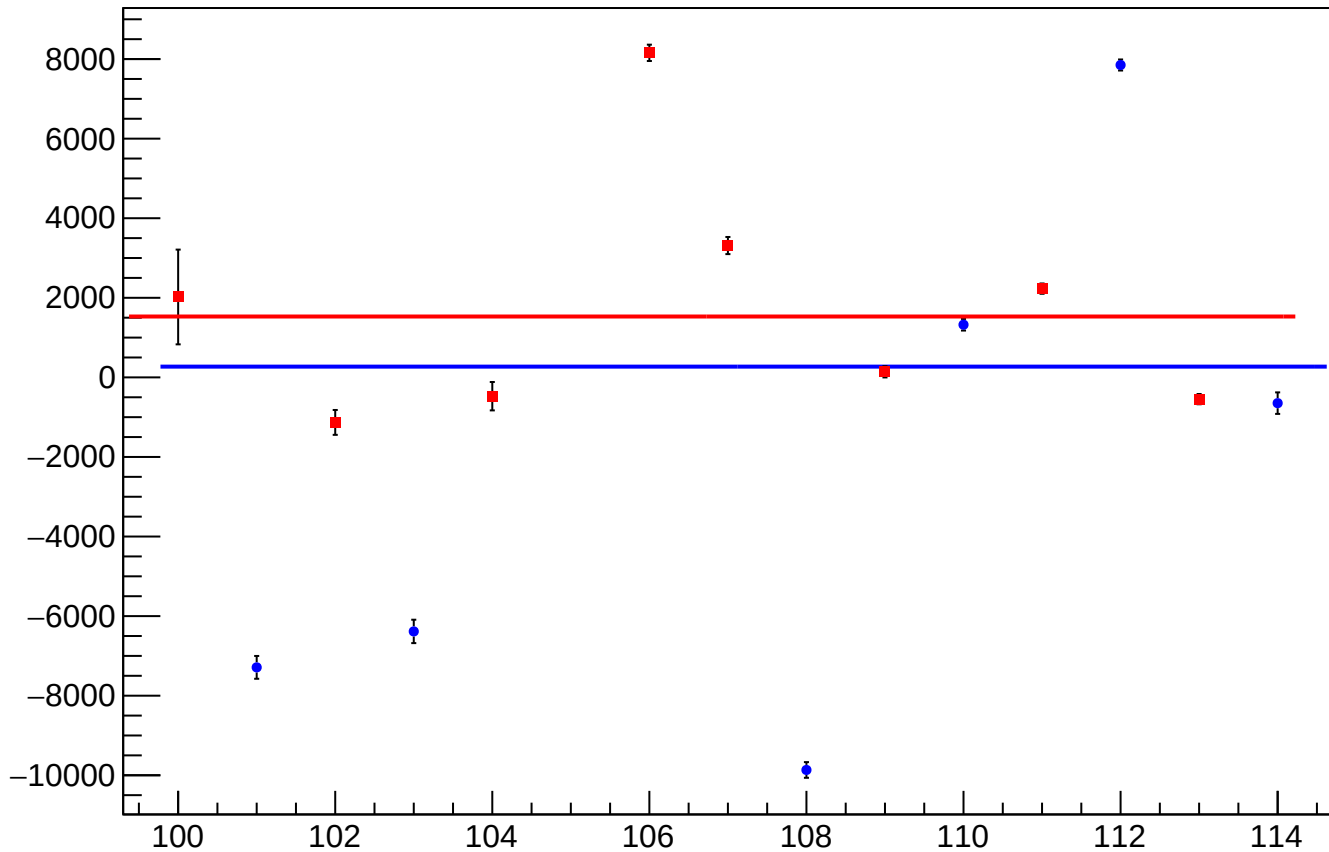
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.024+/-0.039 χ^2/NDF : 1528891.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: 270.415+/-78.638 χ^2/NDF : 6901.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1529.821+/-65.319 χ^2/NDF : 1601.9/7

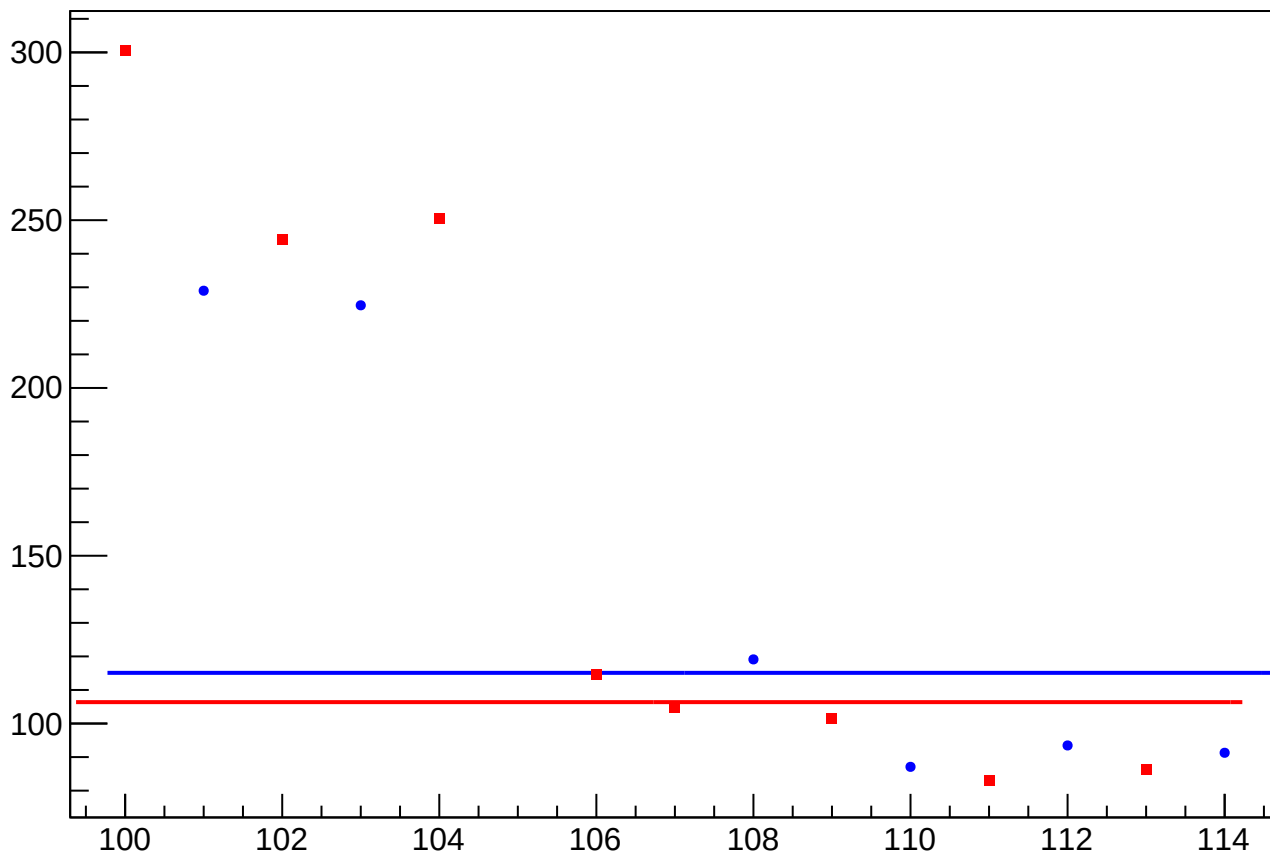
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.649+/-50.246 χ^2/NDF : 8654.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 115.104 $\pm$ 0.056 χ^2 /NDF: 731088.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.376 $\pm$ 0.046 χ^2 /NDF: 888418.1/7

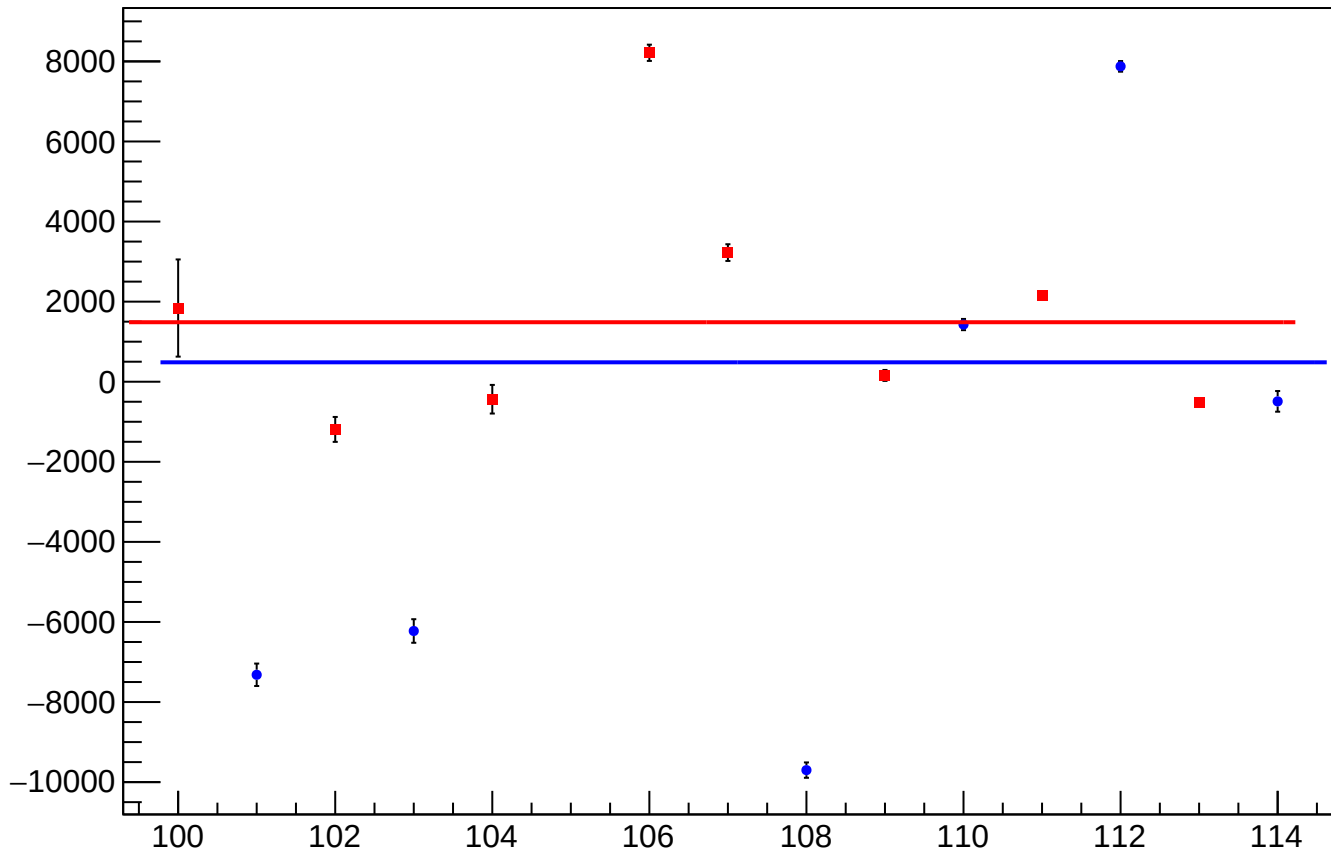
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.939 $\pm$ 0.036 χ^2 /NDF: 1634086.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: 484.655+/-75.753 χ^2/NDF : 7278.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1485.909+/-62.441 χ^2/NDF : 1672.6/7

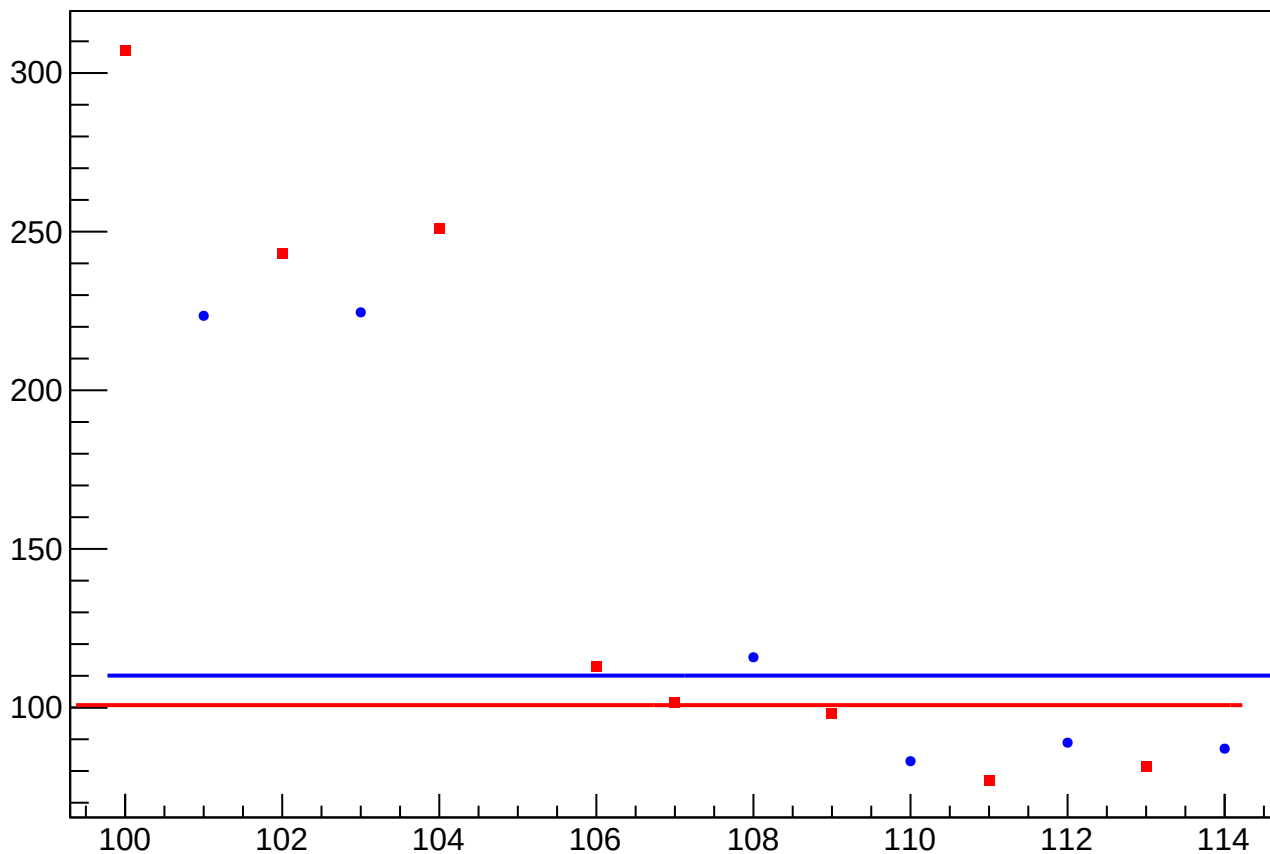
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.842+/-48.183 χ^2/NDF : 9054.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug



Right In: 110.067+/-0.054 χ^2/NDF : 772792.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.758+/-0.044 χ^2/NDF : 966955.6/7

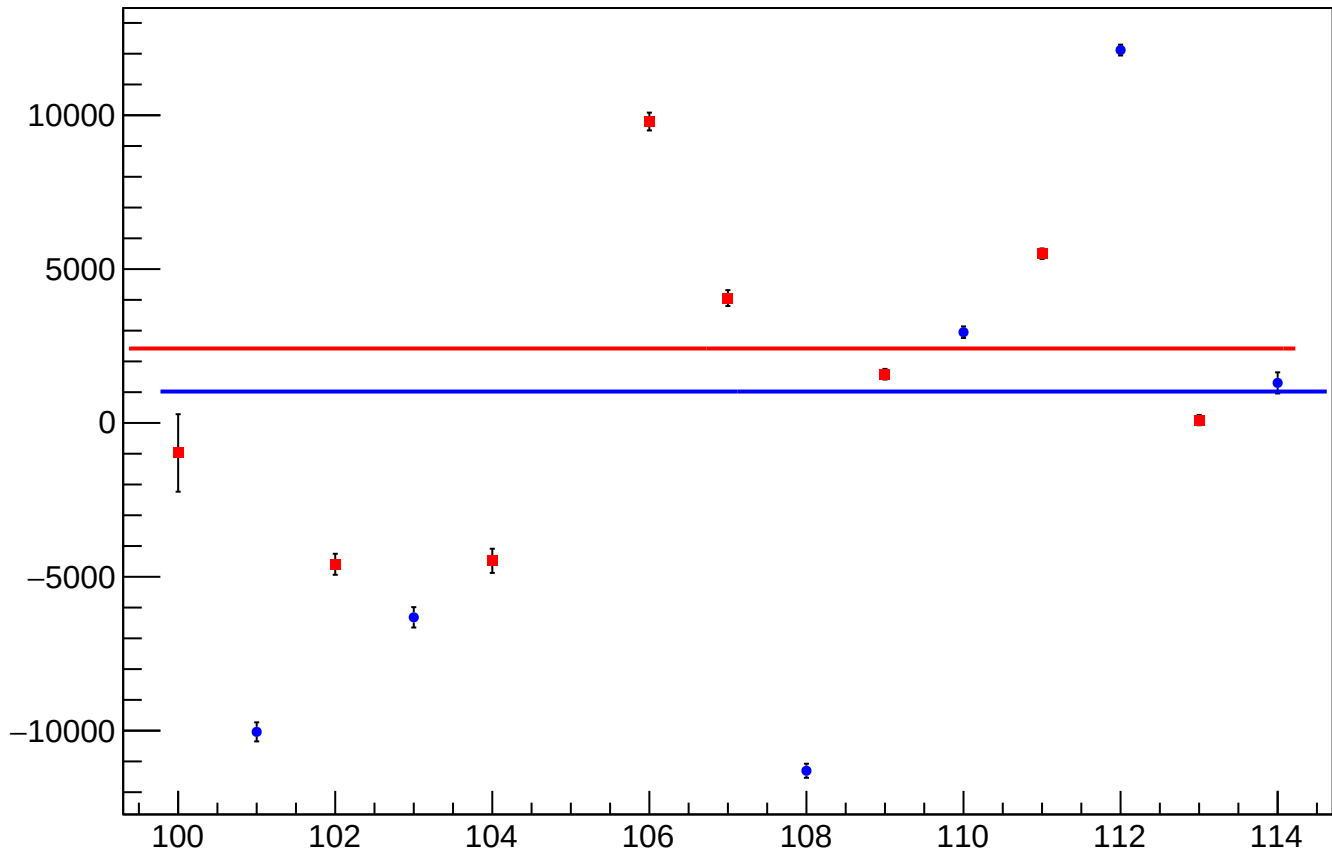
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.524+/-0.034 χ^2/NDF : 1757733.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 1021.027+/-96.346 χ^2/NDF : 8759.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2419.333+/-82.360 χ^2/NDF : 1978.9/7

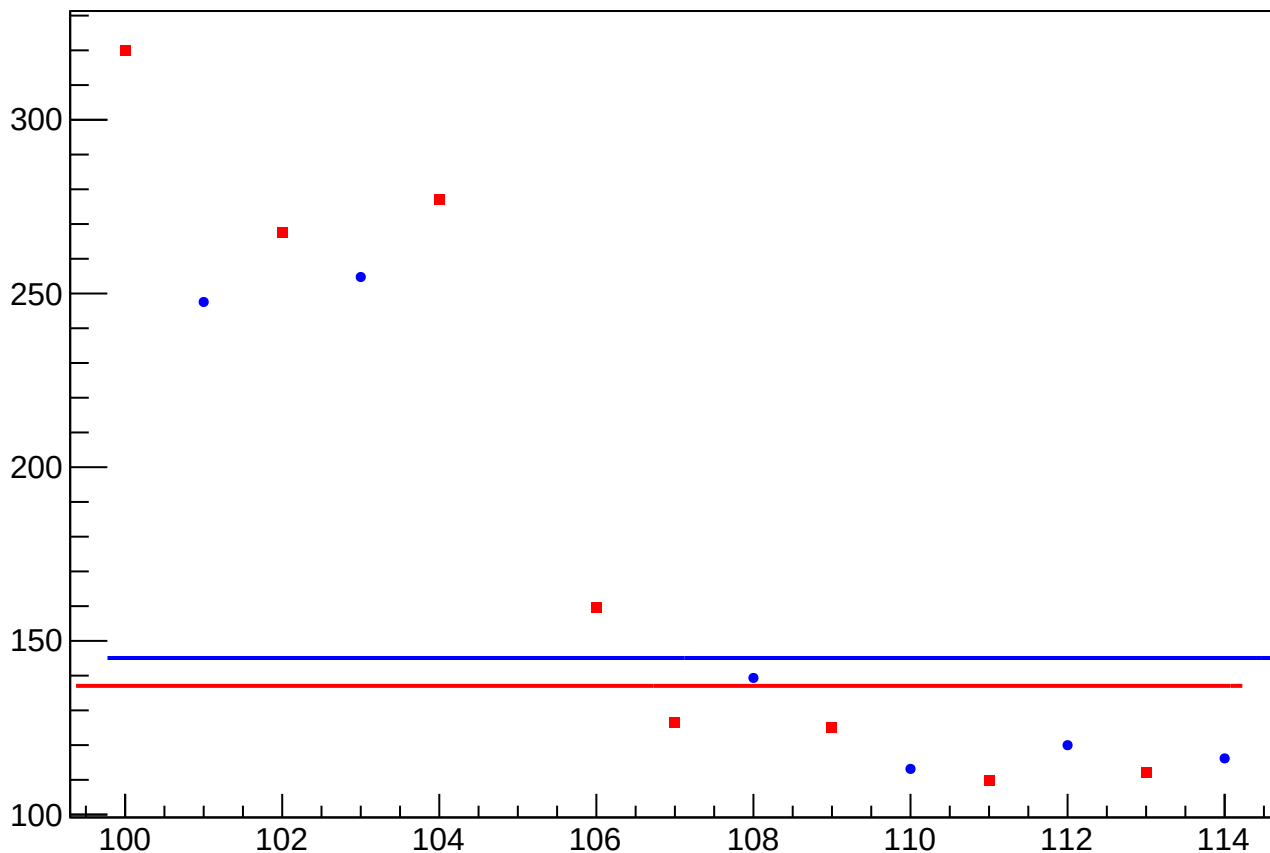
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.948+/-62.604 χ^2/NDF : 10859.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 145.076+/-0.068 χ^2/NDF : 552366.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.056+/-0.058 χ^2/NDF : 709542.0/7

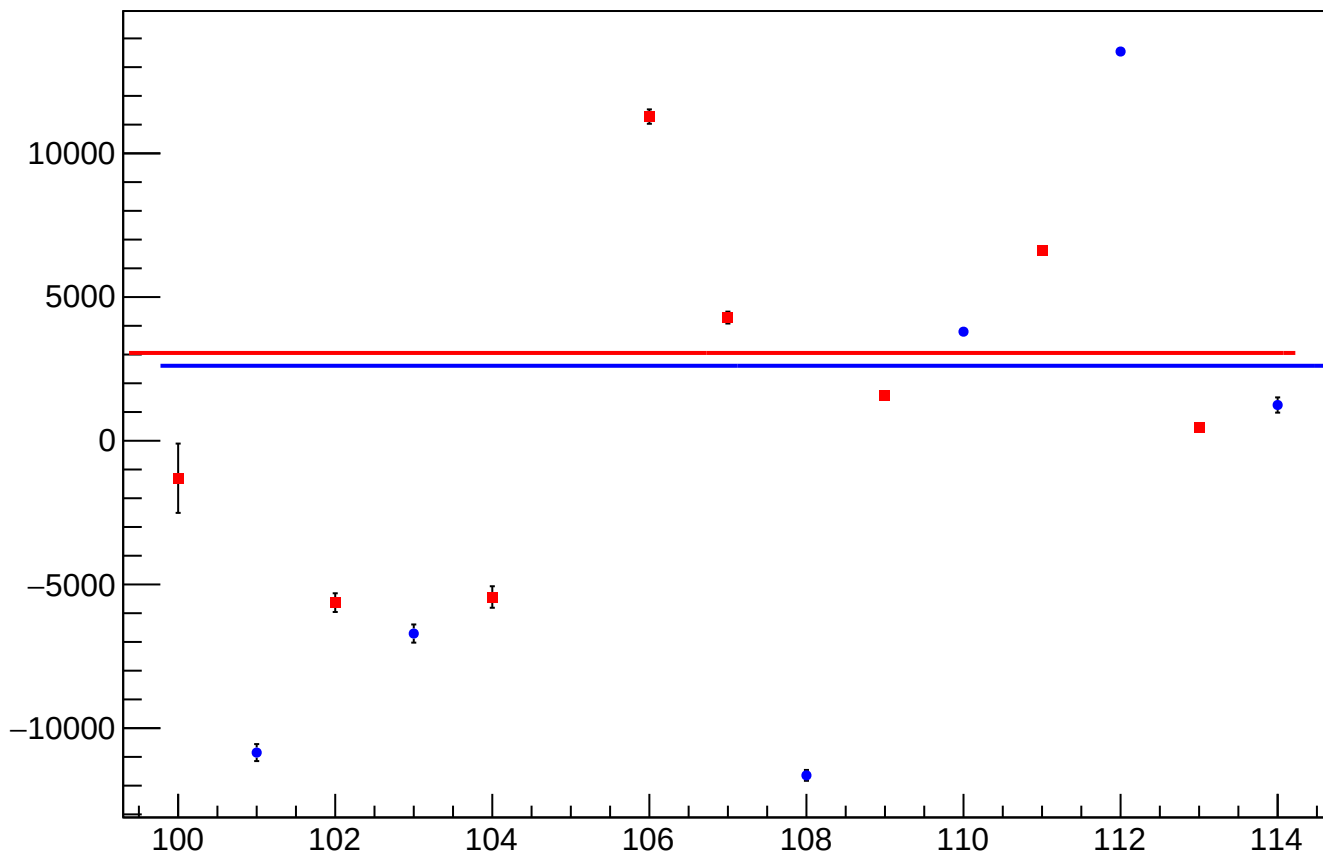
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.442+/-0.044 χ^2/NDF : 1269916.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: 2609.164+/-76.810 χ^2/NDF : 15365.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3055.432+/-64.237 χ^2/NDF : 3743.3/7

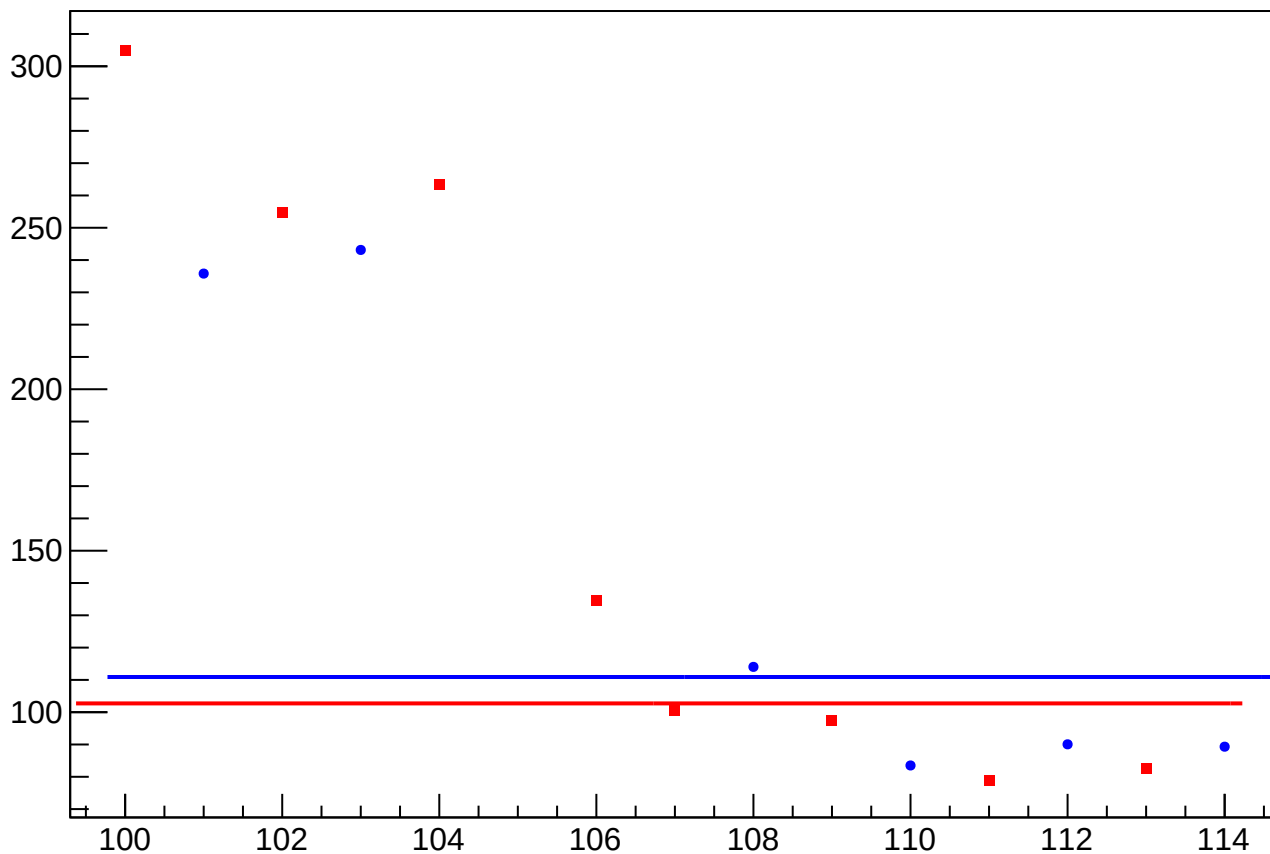
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.766+/-49.276 χ^2/NDF : 19128.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 110.898 $\pm$ 0.054 χ^2 /NDF: 844795.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

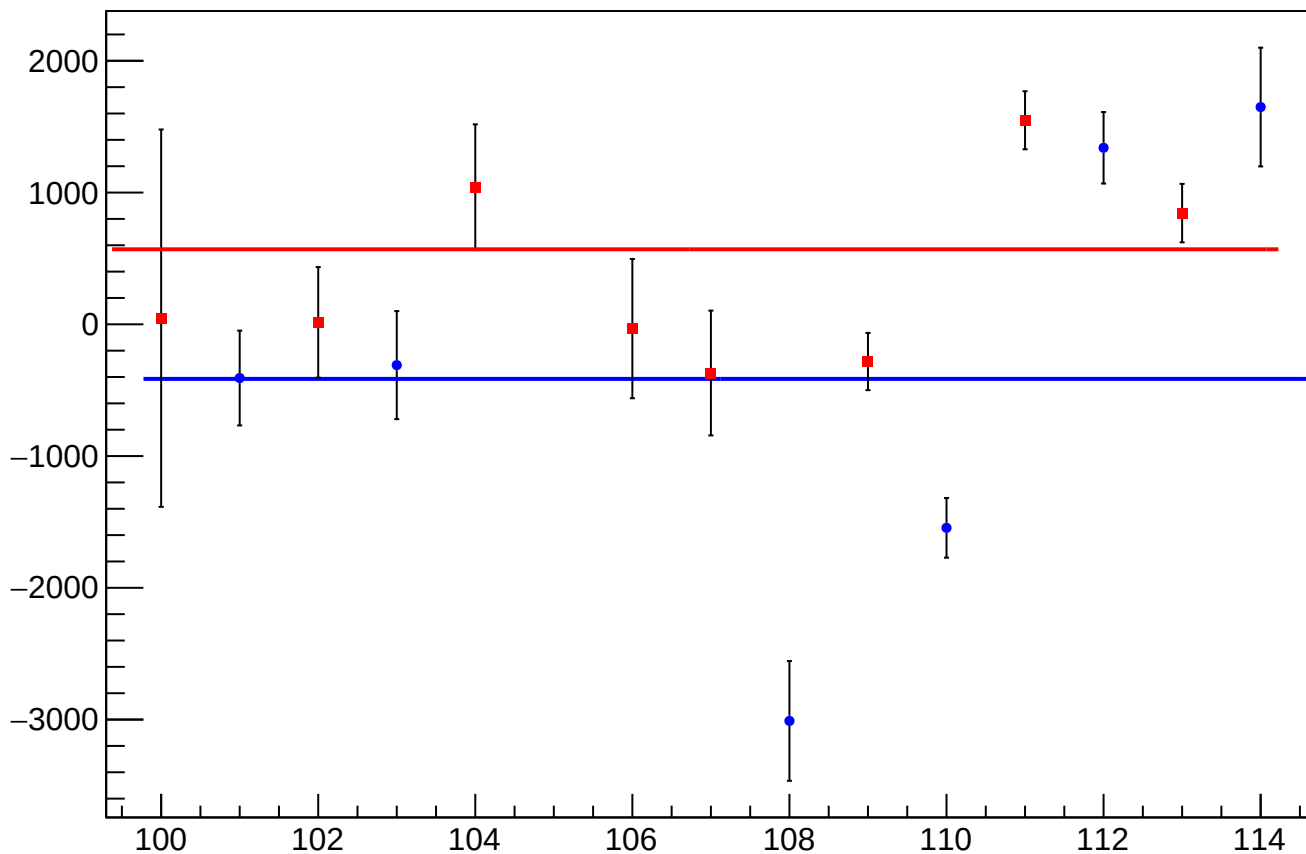
Right Out: 102.722 $\pm$ 0.045 χ^2 /NDF: 1024590.5/7

All: 106.087 $\pm$ 0.035 χ^2 /NDF: 1882722.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -414.277+/-133.009 χ^2/NDF : 120.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.339+/-111.295 χ^2/NDF : 44.8/7

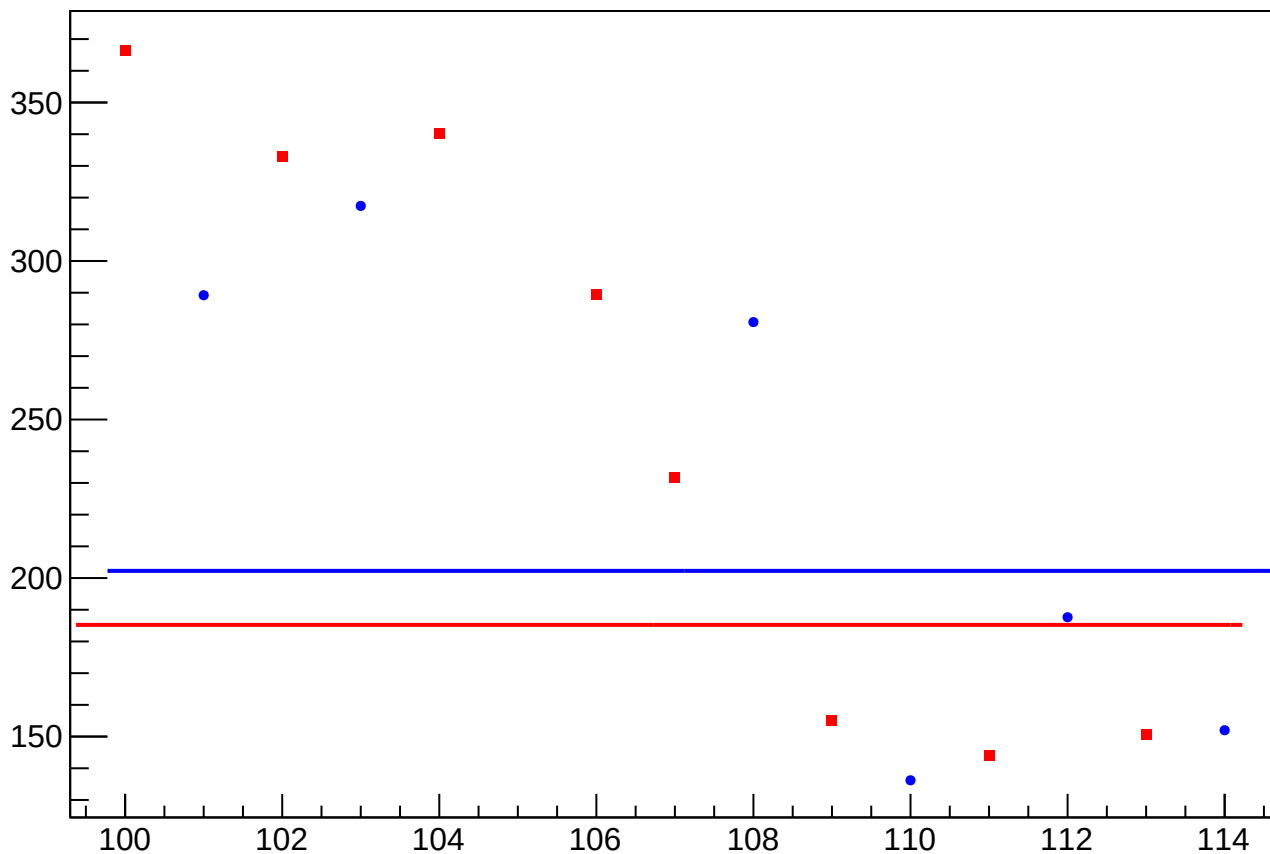
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.269+/-85.356 χ^2/NDF : 197.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 202.268+/-0.094 χ^2/NDF : 534969.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.224+/-0.079 χ^2/NDF : 744730.6/7

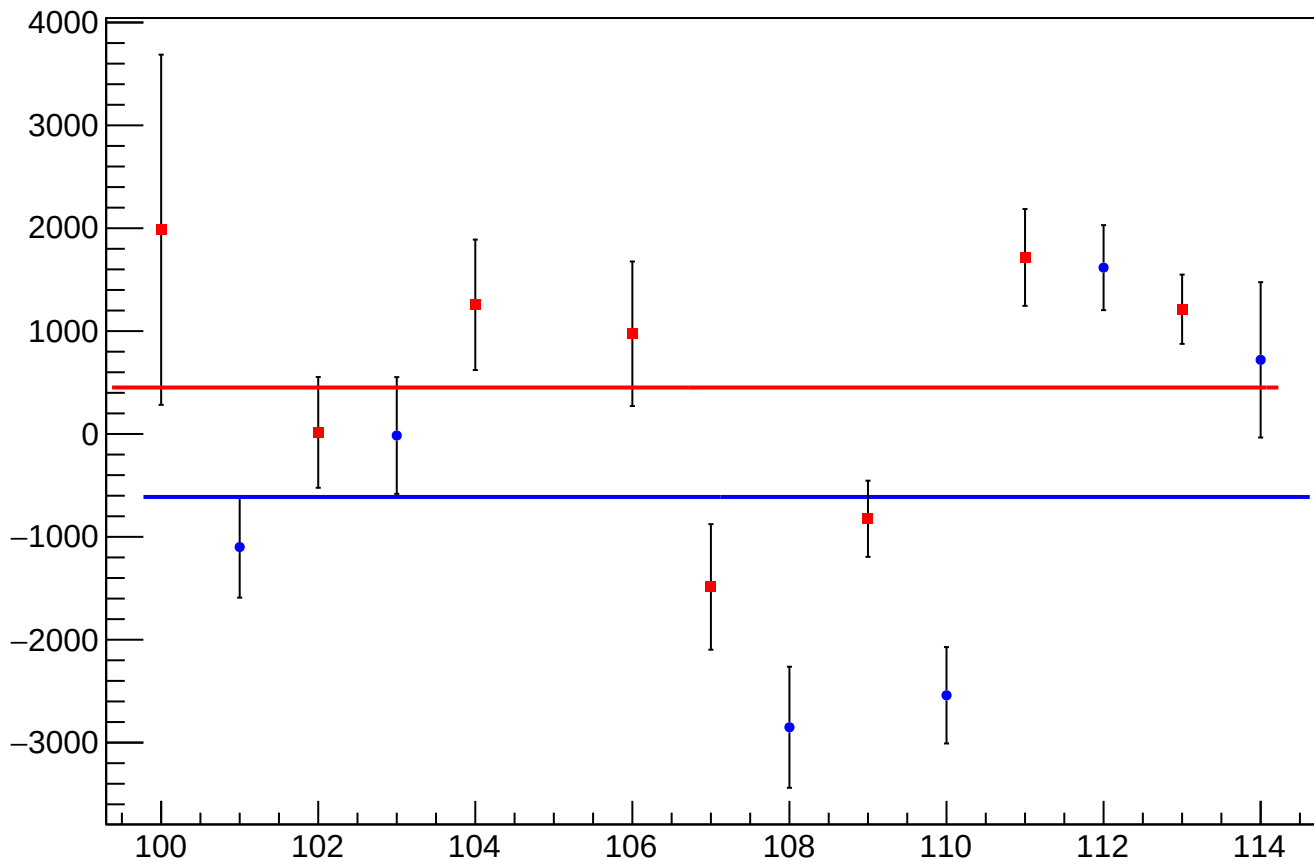
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.243+/-0.060 χ^2/NDF : 1299017.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_mean vs Slug



Right In: -612.204 $\pm$ 211.748 χ^2 /NDF: 65.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 451.864 $\pm$ 177.816 χ^2 /NDF: 37.9/7

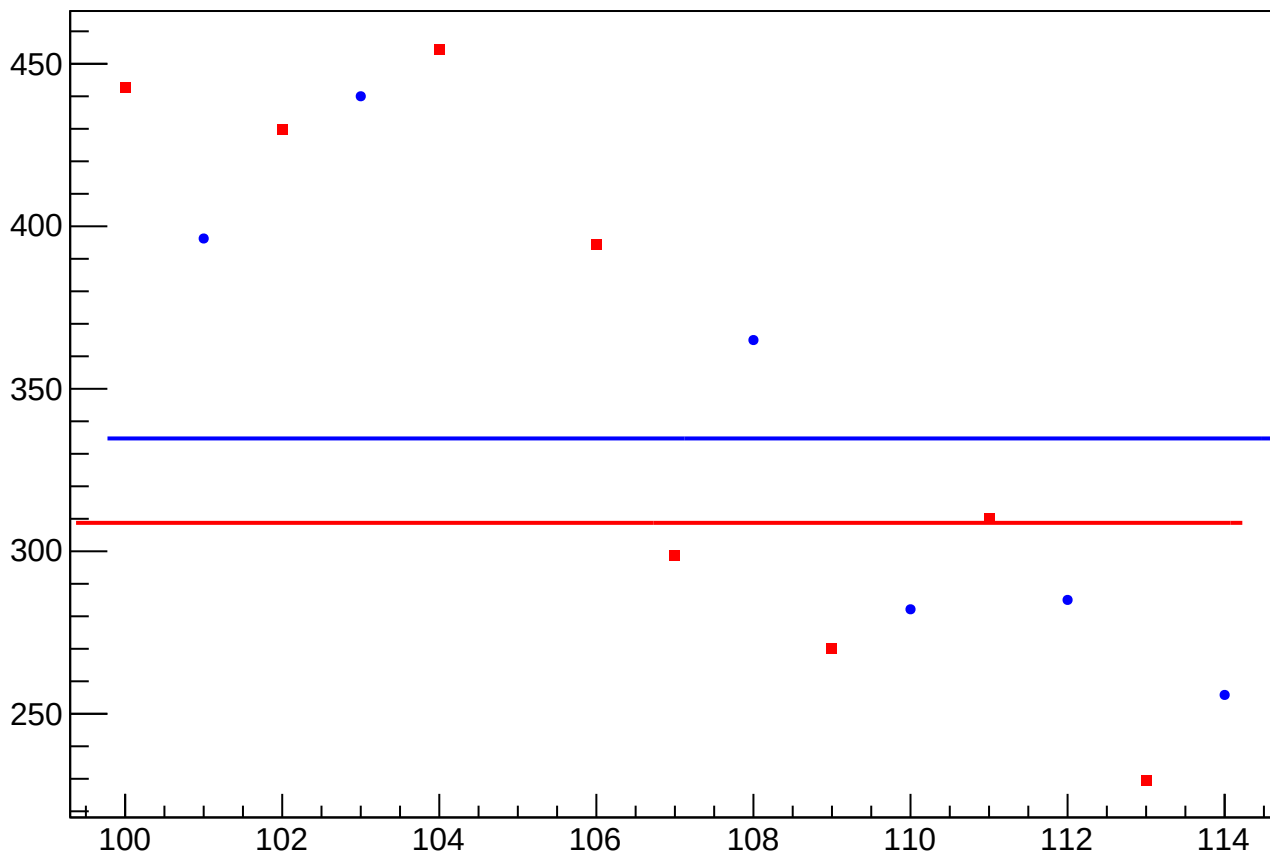
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.815 $\pm$ 136.171 χ^2 /NDF: 118.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 334.725 $\pm$ 0.150 χ^2 /NDF: 181470.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 308.755 $\pm$ 0.126 χ^2 /NDF: 381737.5/7

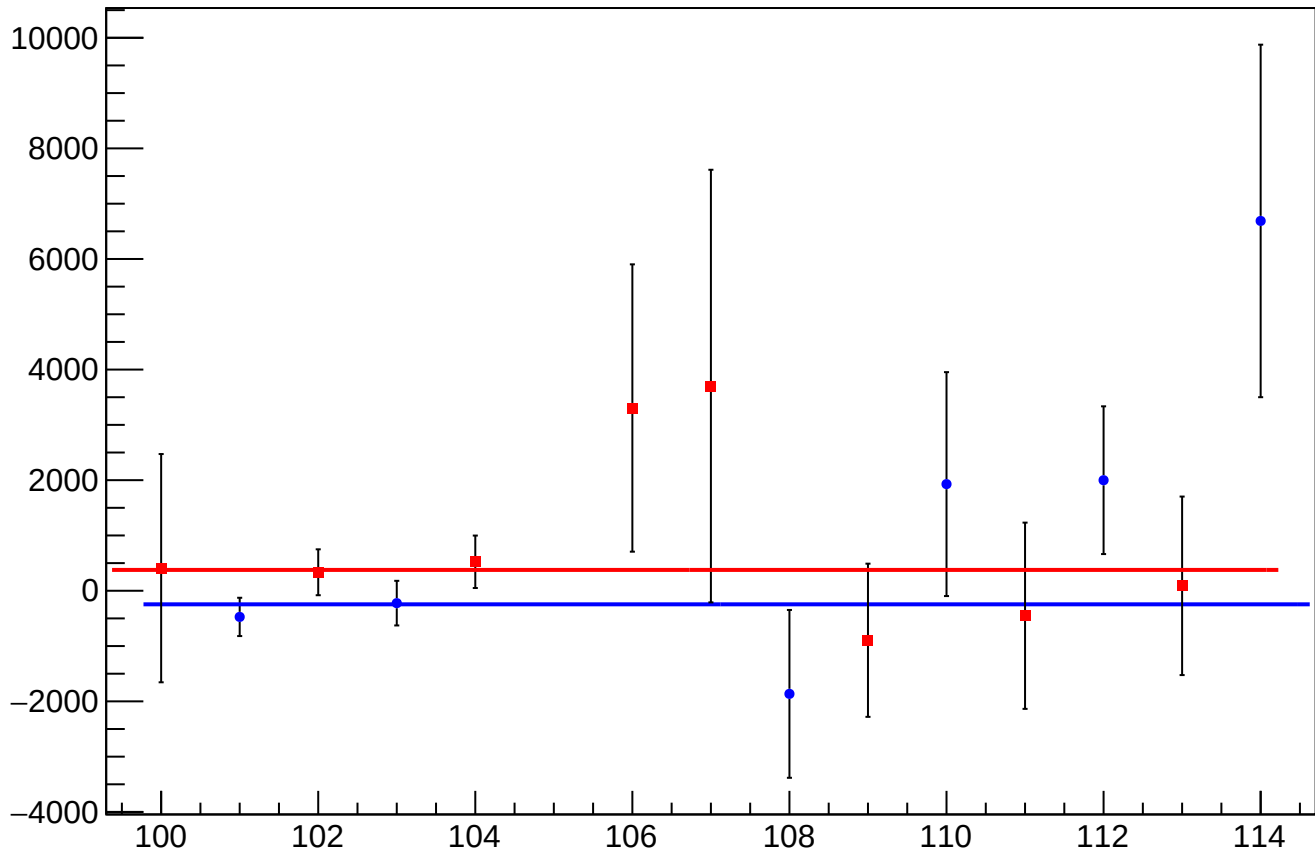
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.495 $\pm$ 0.096 χ^2 /NDF: 580850.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -245.269+/-251.438 χ^2/NDF : 10.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 376.890+/-289.201 χ^2/NDF : 3.2/7

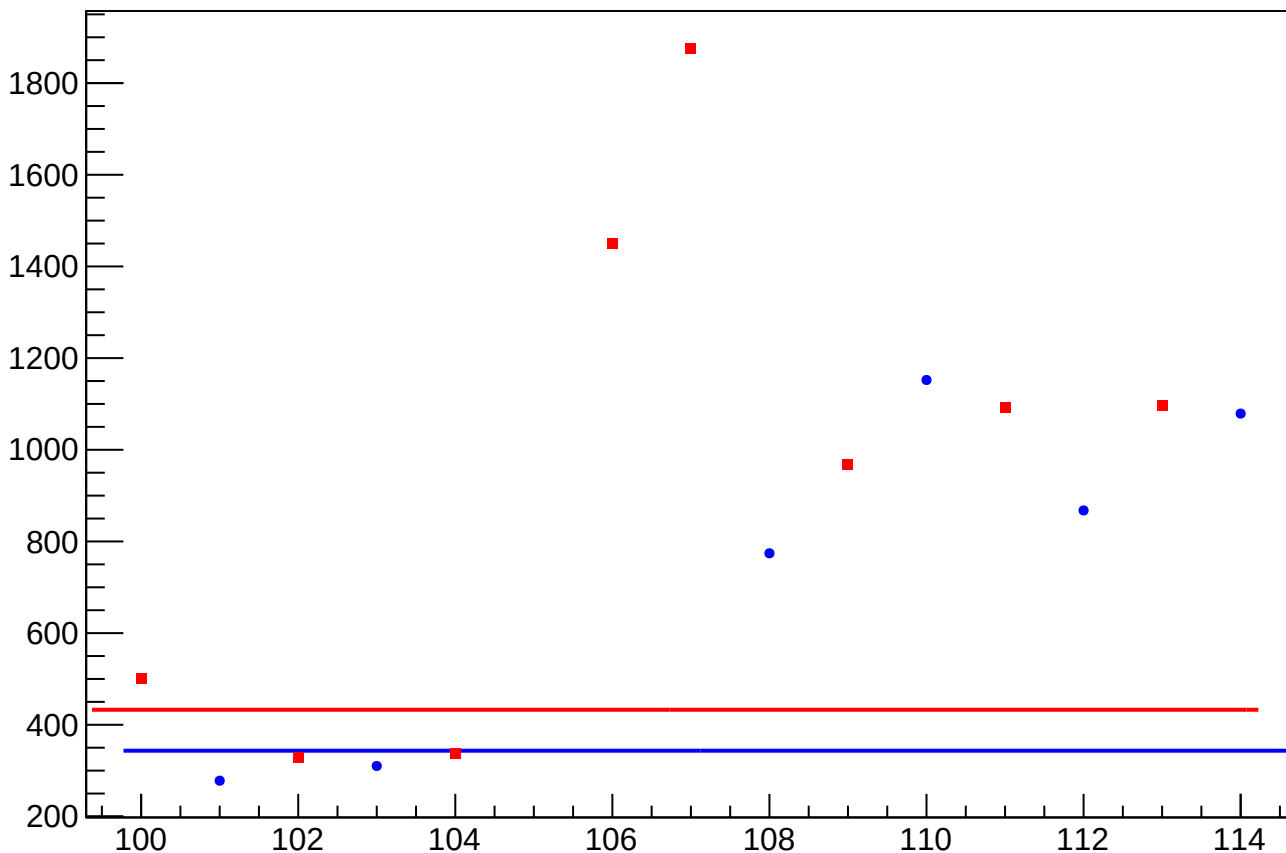
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.565+/-189.750 χ^2/NDF : 16.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 343.491+/-0.178 χ^2/NDF : 979758.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 432.807+/-0.204 χ^2/NDF : 1727385.6/7

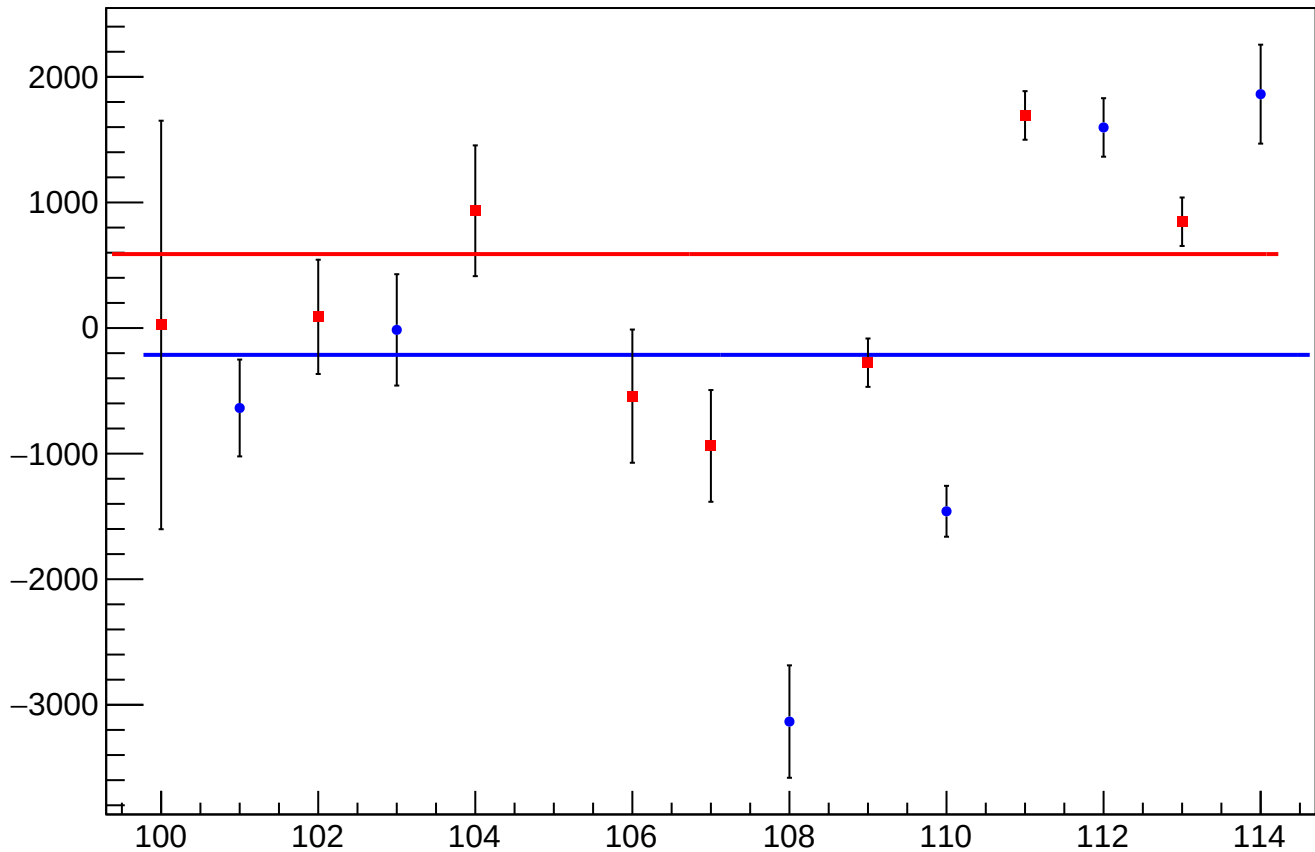
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.941+/-0.134 χ^2/NDF : 2815783.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: -213.500 ± 123.055 $\chi^2/\text{NDF}: 169.9/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 589.007 ± 100.994 $\chi^2/\text{NDF}: 72.6/7$

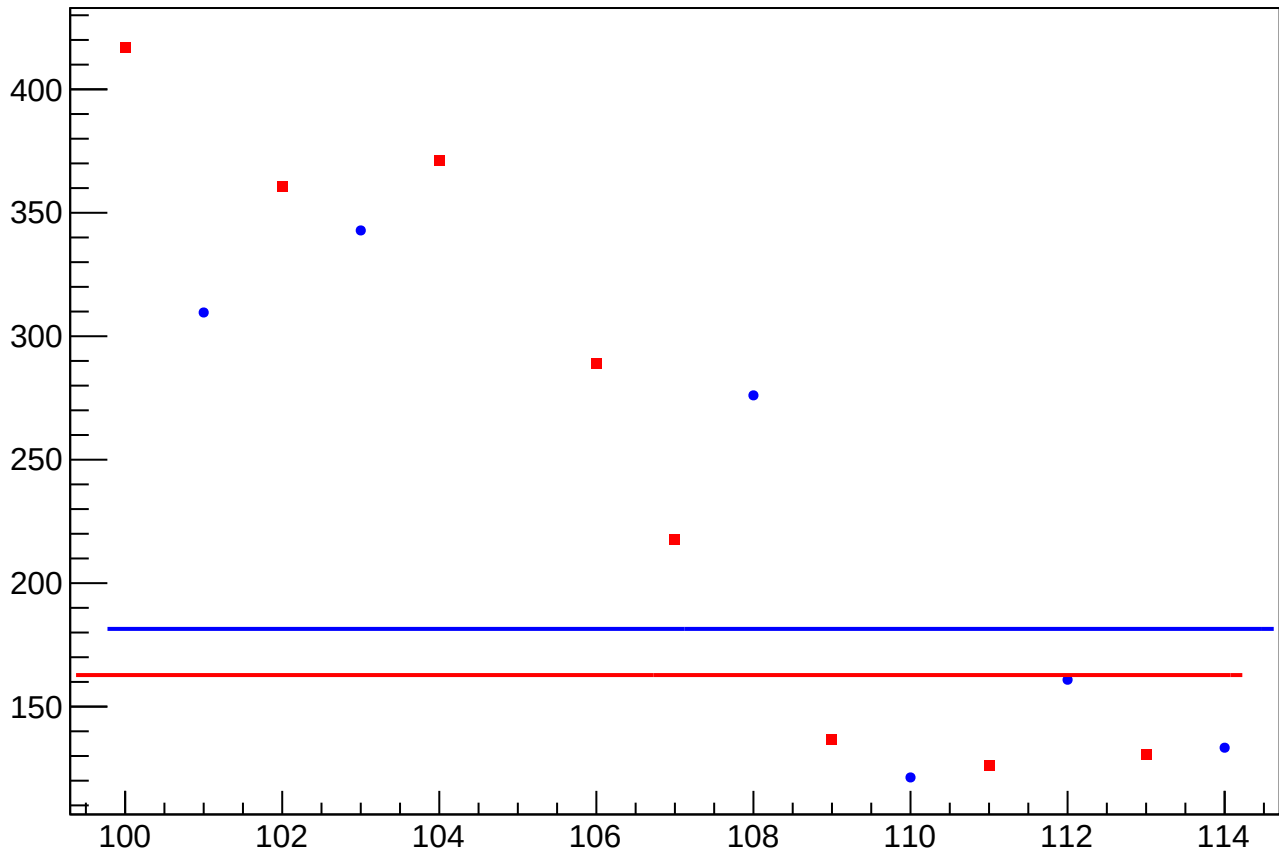
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 266.014 ± 78.068 $\chi^2/\text{NDF}: 268.0/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm0l04WS_rms vs Slug



Right In: 181.473+/-0.087 χ^2/NDF : 797027.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.777+/-0.071 χ^2/NDF : 1056424.0/7

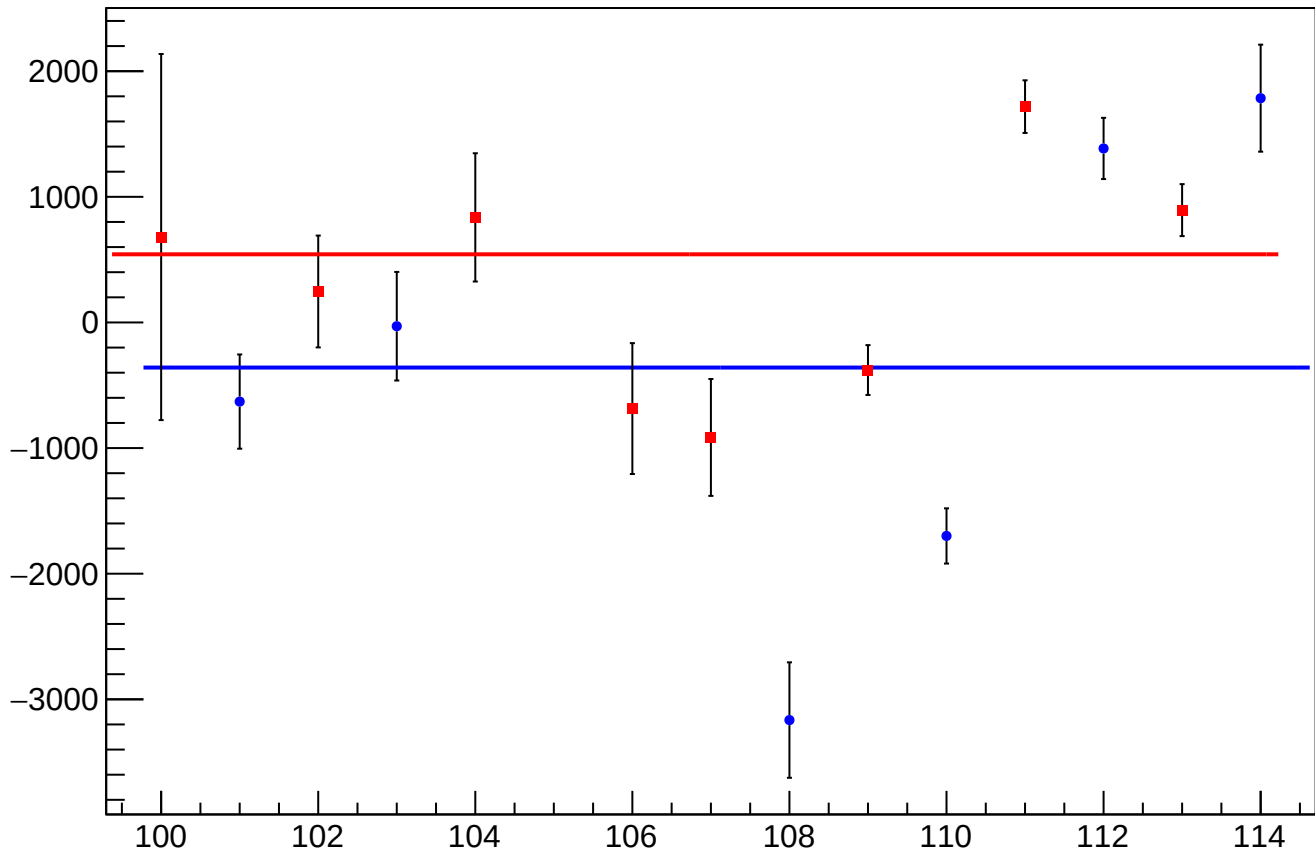
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.302+/-0.055 χ^2/NDF : 1881037.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: -359.012 ± 128.805 χ^2/NDF : 152.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 542.421 ± 105.861 χ^2/NDF : 72.1/7

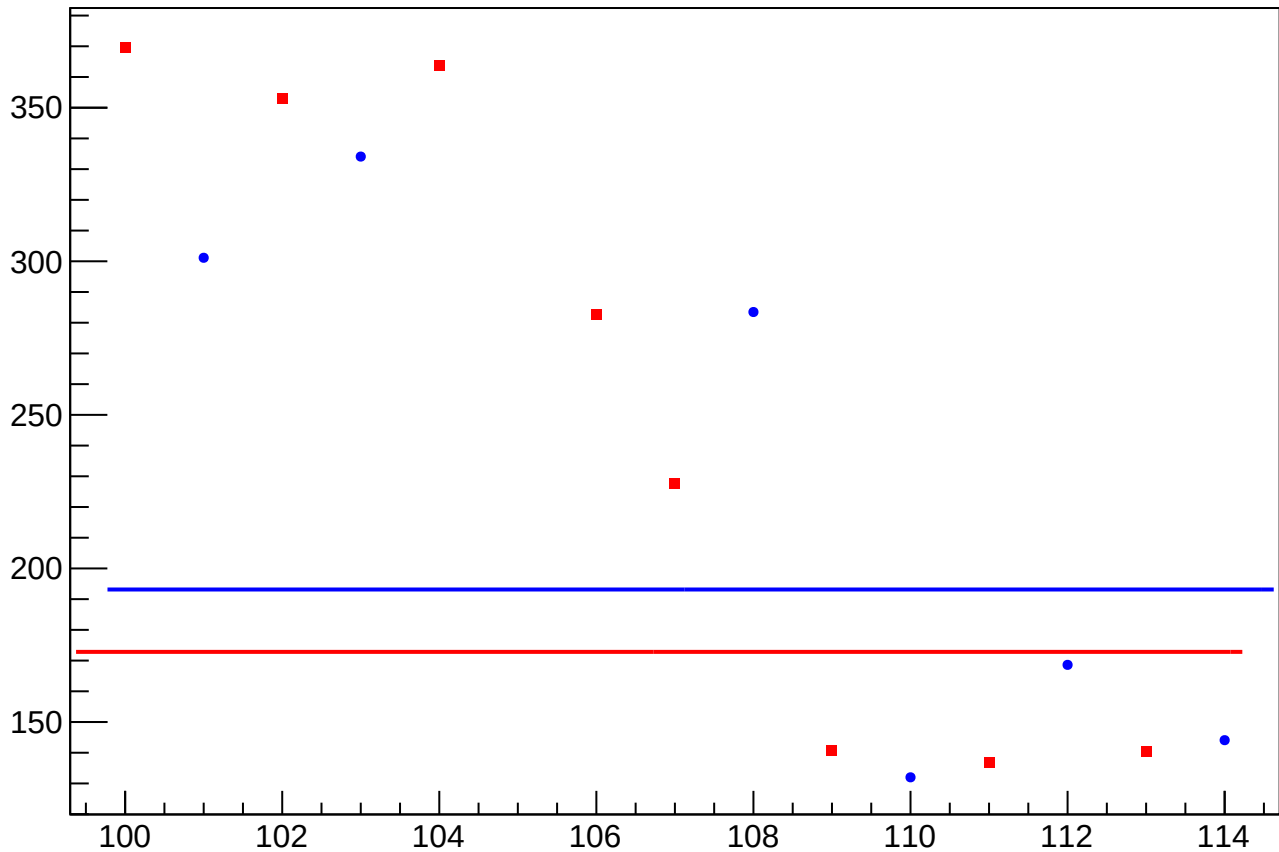
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 179.008 ± 81.784 χ^2/NDF : 253.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 193.143 $\pm$ 0.091 χ^2 /NDF: 657605.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 172.836 $\pm$ 0.075 χ^2 /NDF: 920765.8/7

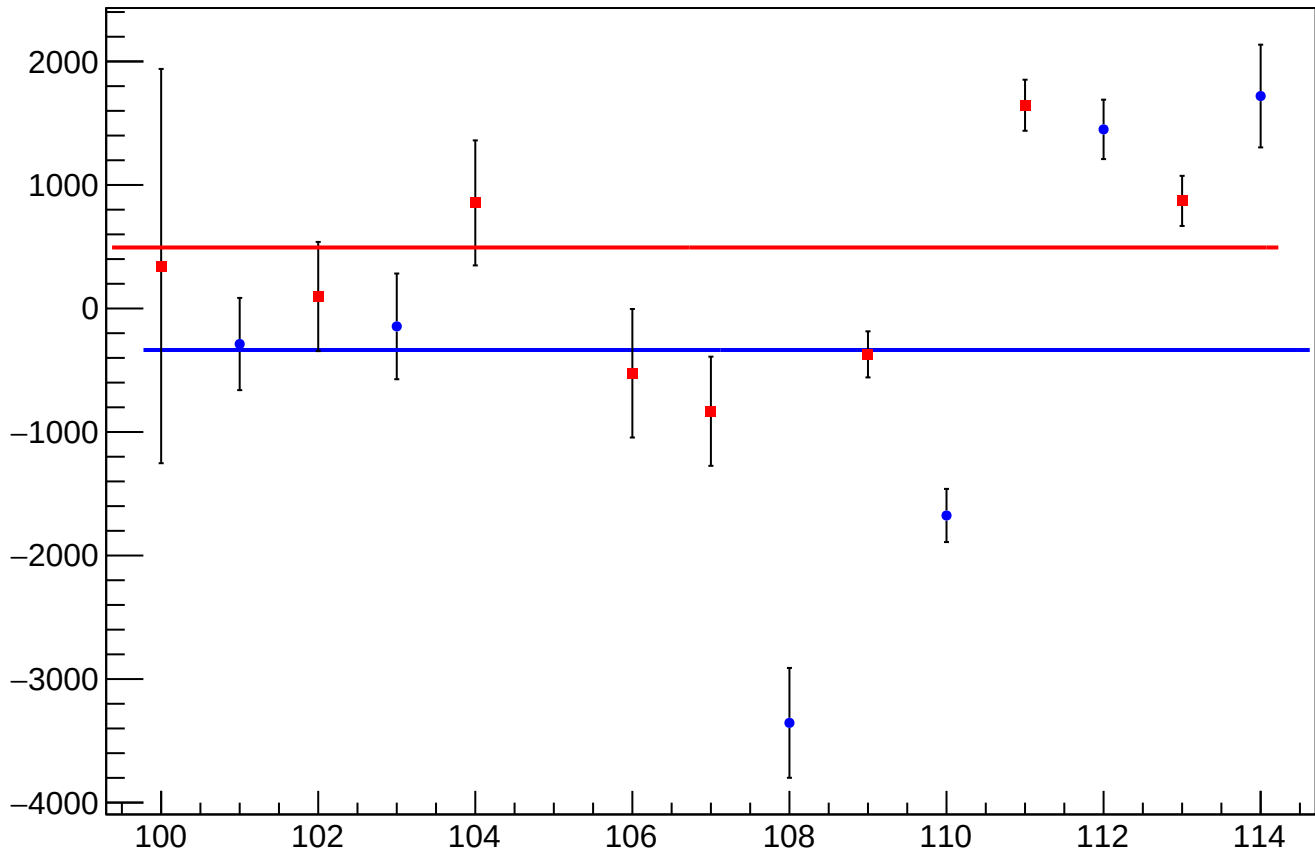
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.023 $\pm$ 0.058 χ^2 /NDF: 1608039.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -336.080 ± 126.662 χ^2/NDF : 164.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 493.952 ± 102.767 χ^2/NDF : 70.2/7

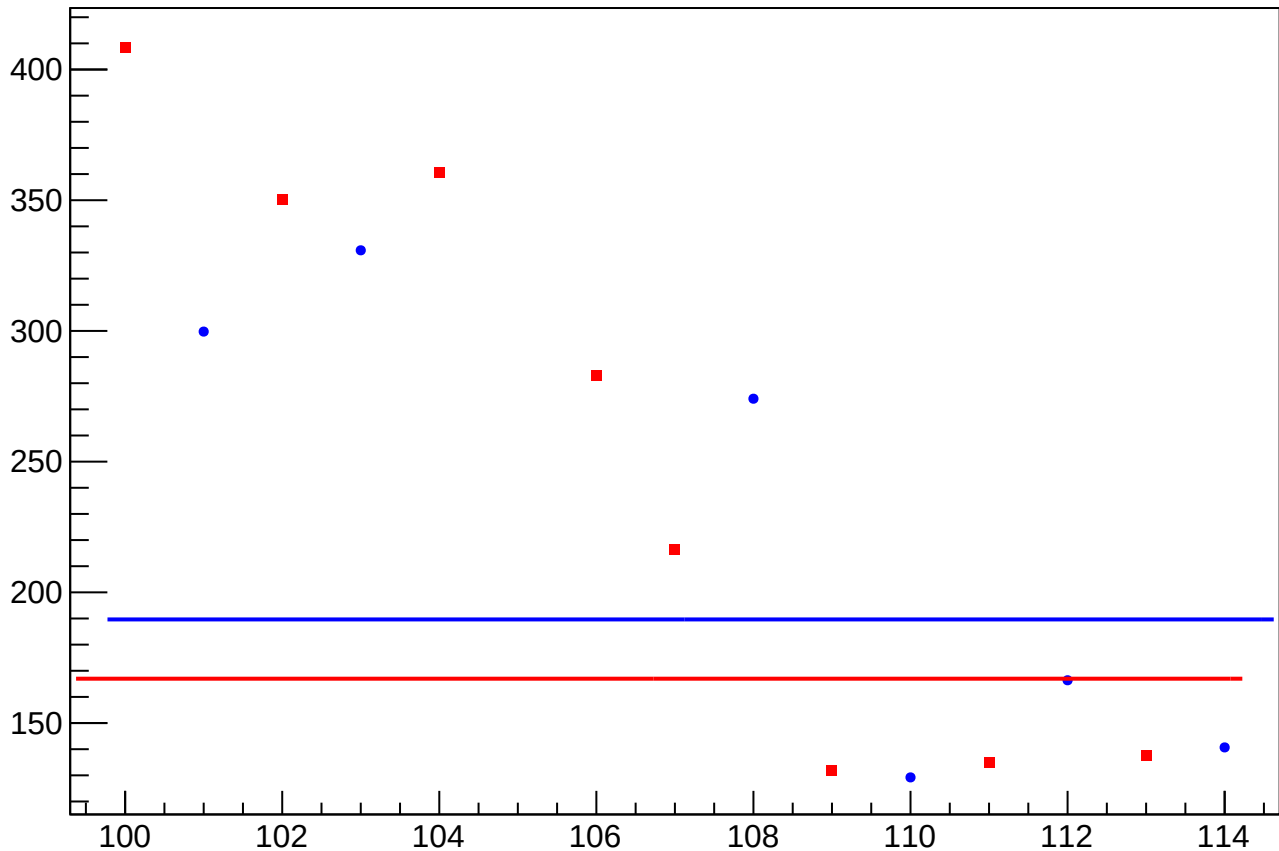
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 164.455 ± 79.804 χ^2/NDF : 260.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 189.640 $\pm$ 0.090 χ^2 /NDF: 667838.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.970 $\pm$ 0.073 χ^2 /NDF: 967321.5/7

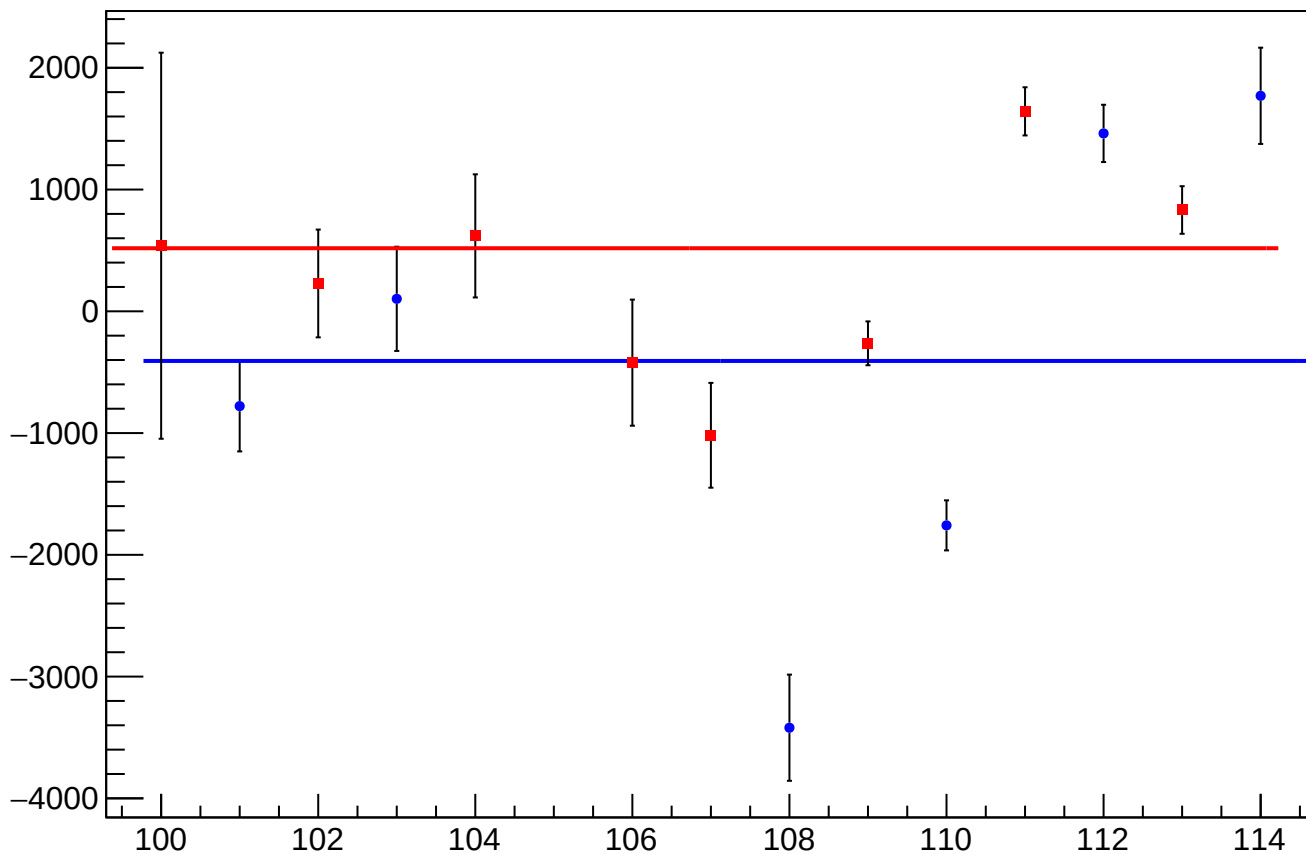
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 175.969 $\pm$ 0.056 χ^2 /NDF: 1673794.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -407.720+/-123.011 χ^2/NDF : 186.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 518.041+/-99.442 χ^2/NDF : 70.2/7

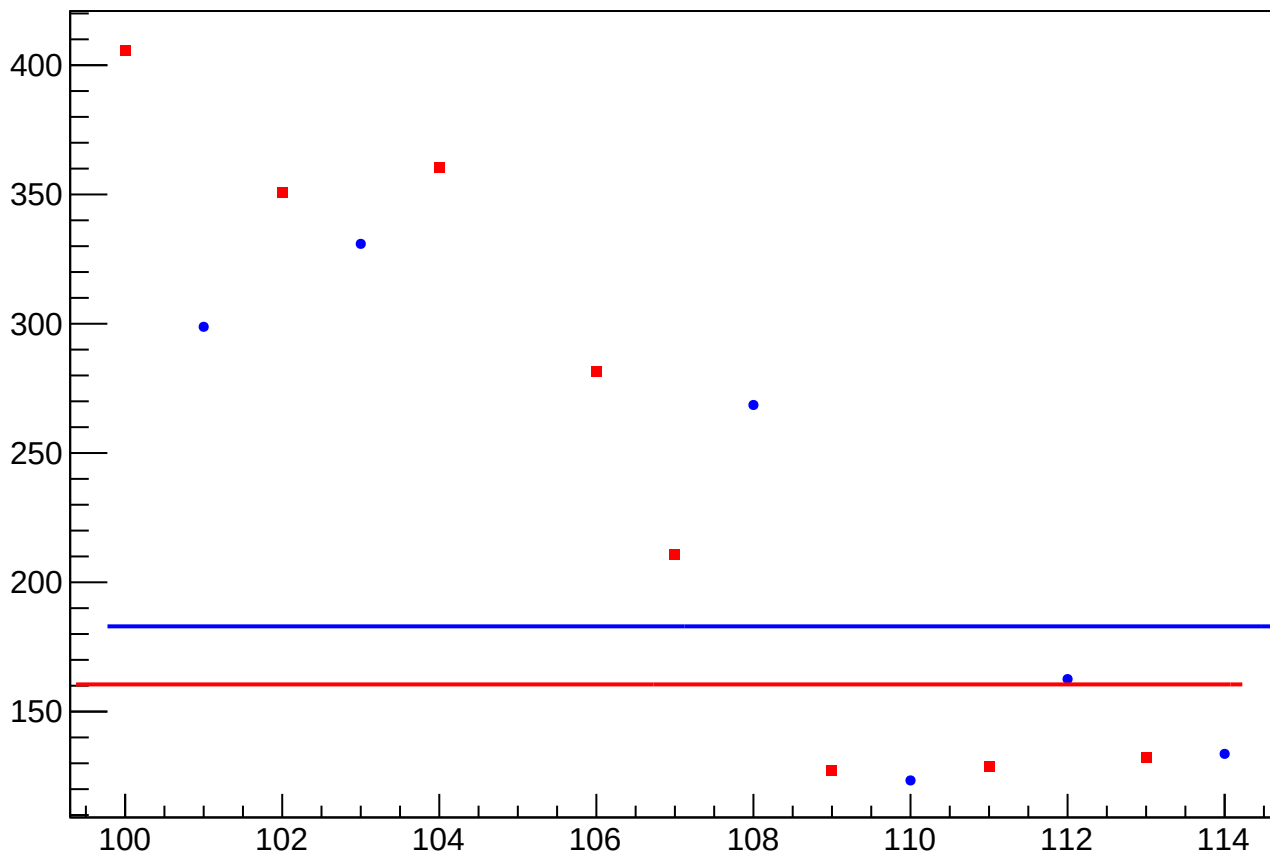
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.157+/-77.333 χ^2/NDF : 291.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 182.963+/-0.087 χ^2/NDF : 724208.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.510+/-0.070 χ^2/NDF : 1027880.0/7

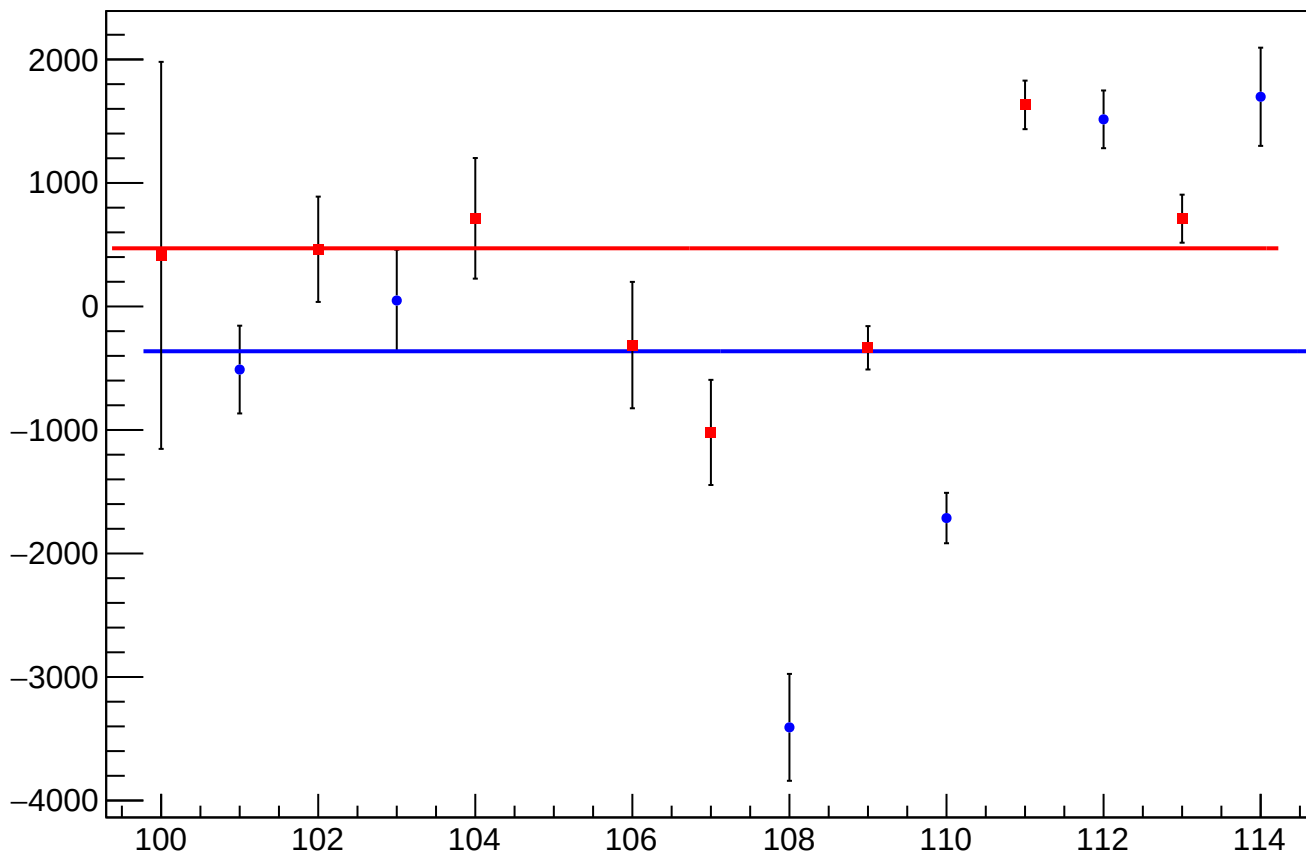
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.384+/-0.055 χ^2/NDF : 1792388.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -362.611 ± 121.443 χ^2/NDF : 185.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 470.995 ± 97.963 χ^2/NDF : 72.3/7

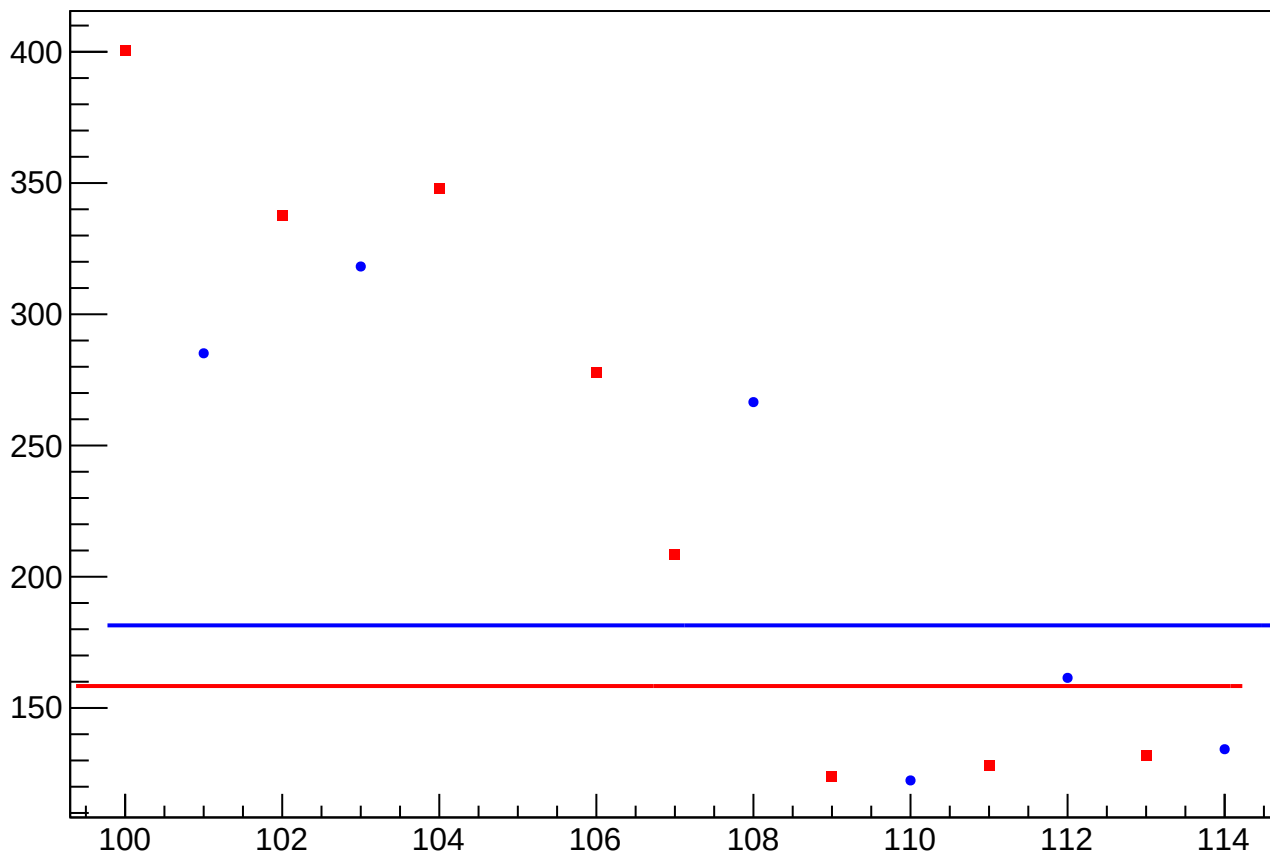
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 142.390 ± 76.248 χ^2/NDF : 286.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 181.472 $\pm$ 0.086 χ^2 /NDF: 678501.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.359 $\pm$ 0.069 χ^2 /NDF: 1001730.7/7

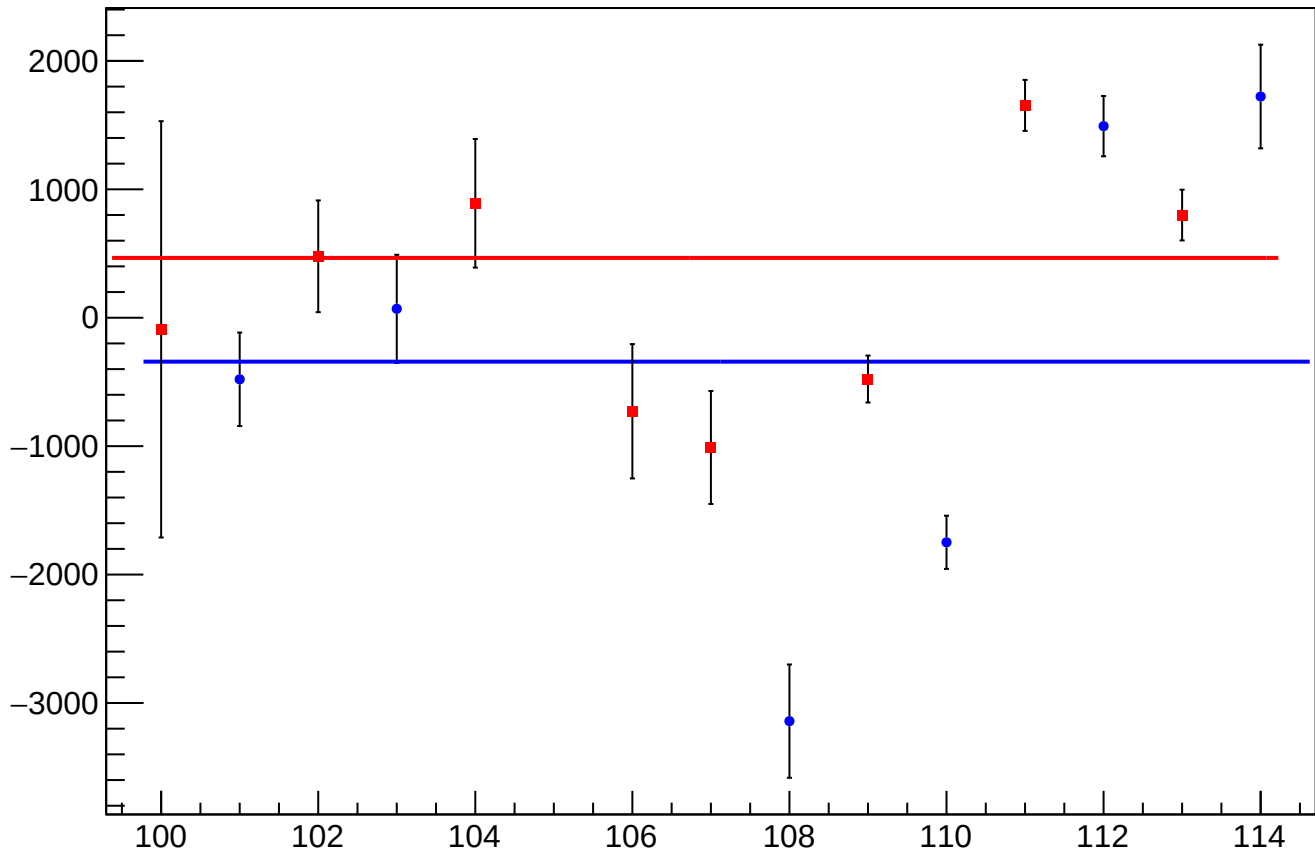
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 167.470 $\pm$ 0.054 χ^2 /NDF: 1724116.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: -341.971 ± 123.220 χ^2/NDF : 174.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 465.915 ± 100.296 χ^2/NDF : 82.6/7

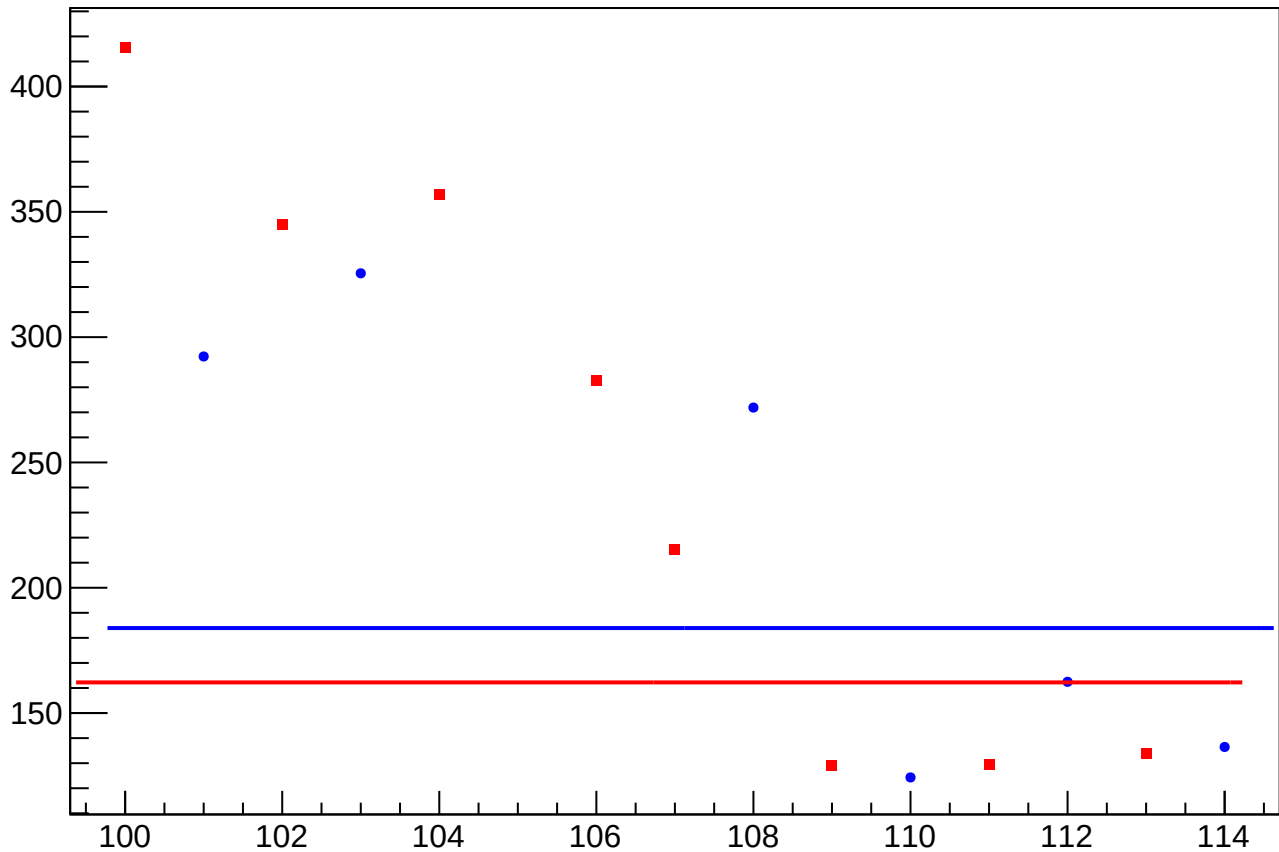
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 143.965 ± 77.786 χ^2/NDF : 283.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 183.916 $\pm$ 0.087 χ^2 /NDF: 692731.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.233 $\pm$ 0.071 χ^2 /NDF: 999014.8/7

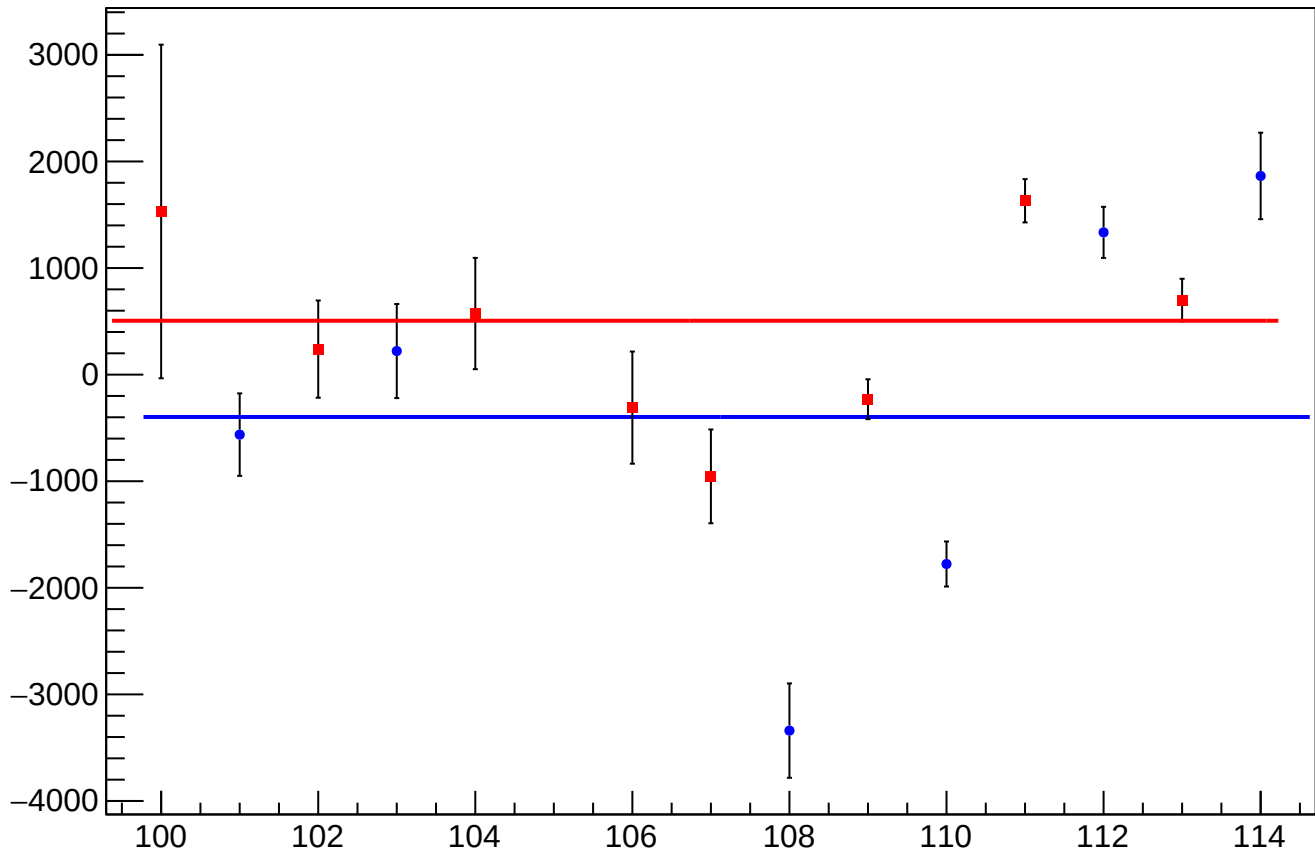
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 170.874 $\pm$ 0.055 χ^2 /NDF: 1728996.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l10WS_mean vs Slug



Right In: -397.357+/-126.203 χ^2/NDF : 172.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.689+/-102.278 χ^2/NDF : 61.4/7

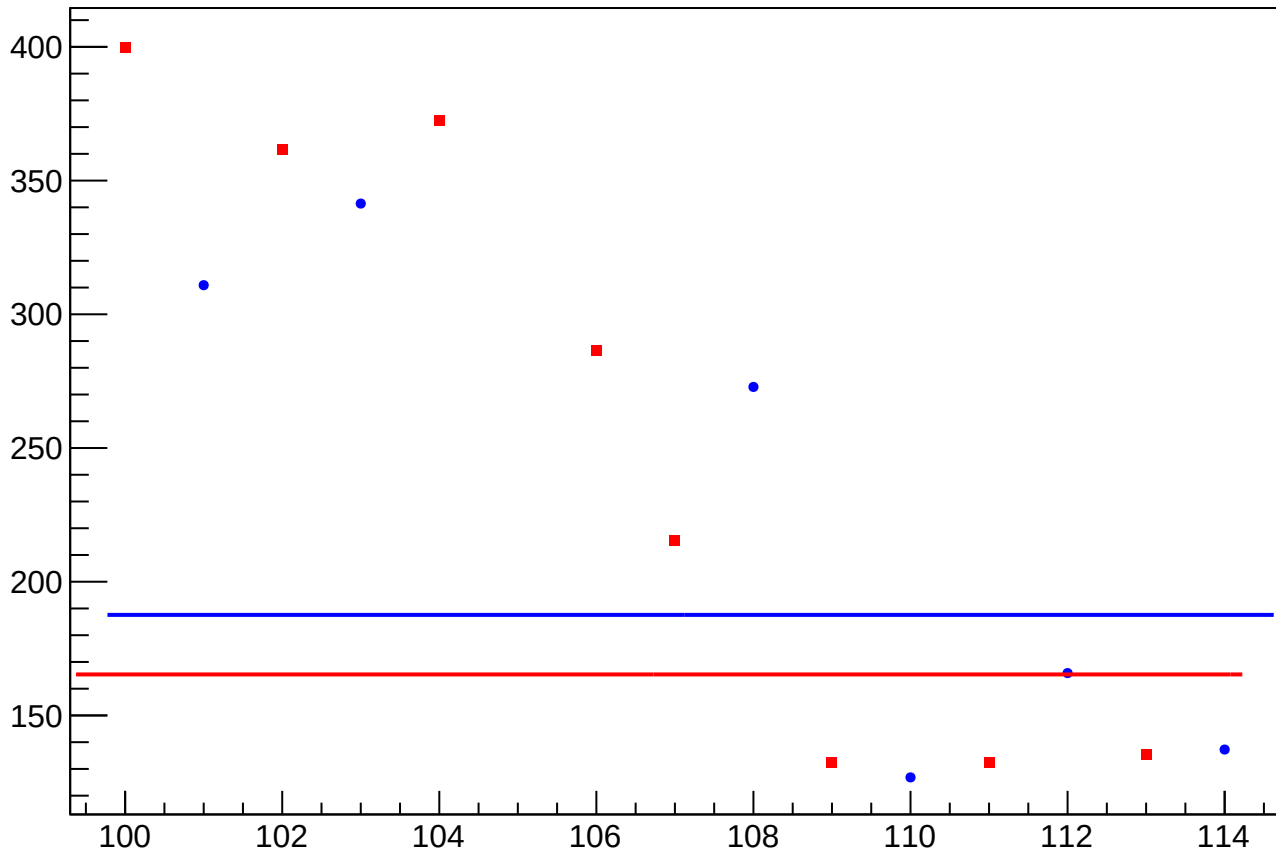
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.699+/-79.460 χ^2/NDF : 264.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 187.602 $\pm$ 0.089 χ^2 /NDF: 732568.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.333 $\pm$ 0.072 χ^2 /NDF: 1021738.3/7

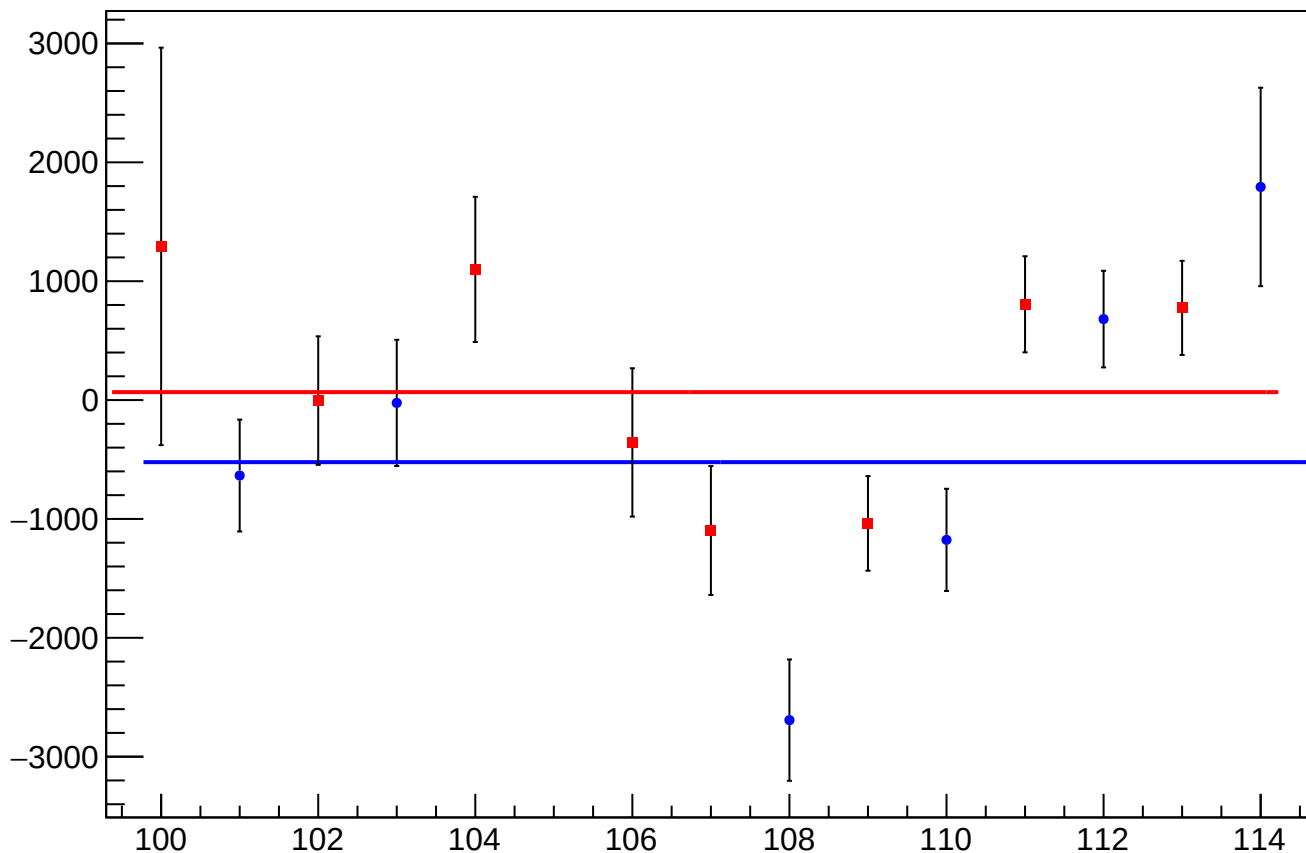
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.161 $\pm$ 0.056 χ^2 /NDF: 1791894.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -522.284 $\pm$ 200.774 χ^2 /NDF: 37.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.672 $\pm$ 178.932 χ^2 /NDF: 22.7/7

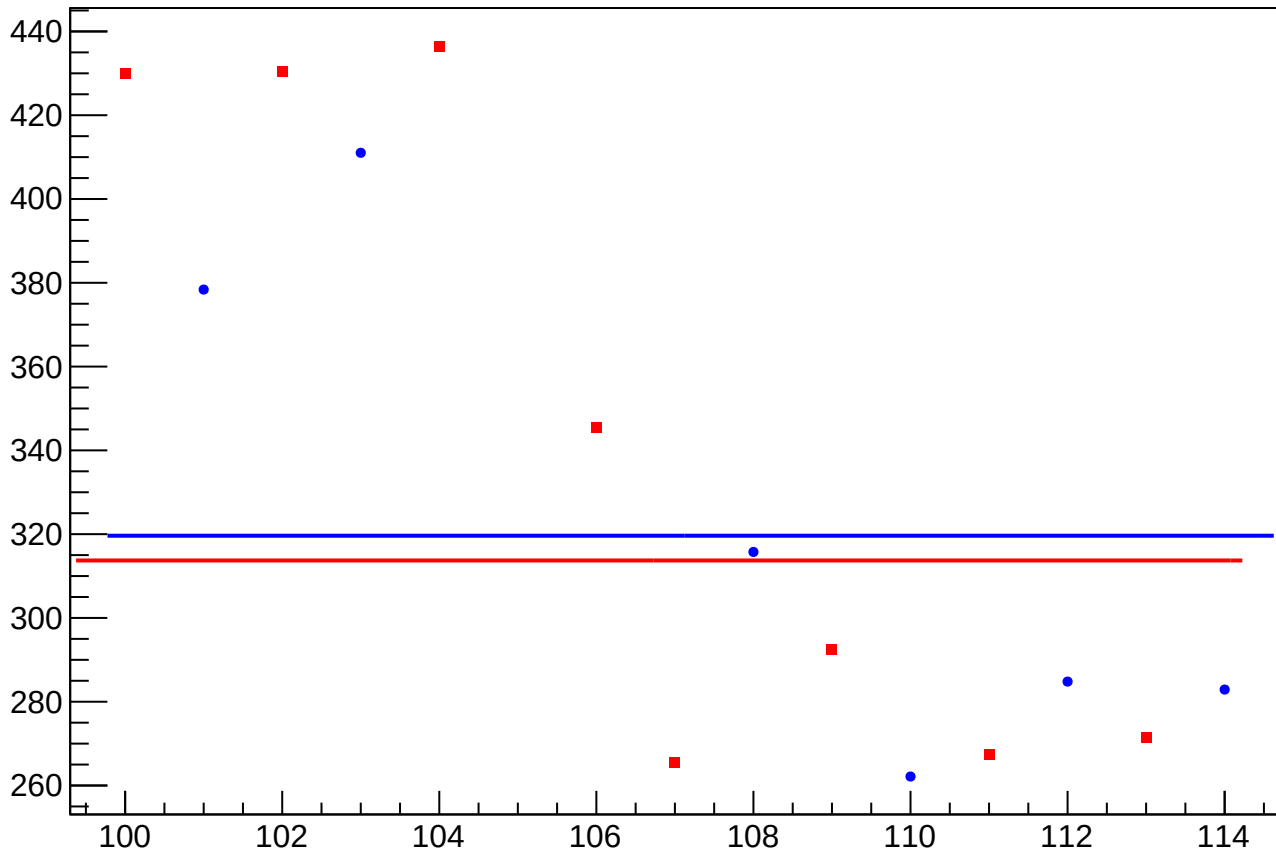
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -194.038 $\pm$ 133.581 χ^2 /NDF: 65.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 319.626 $\pm$ 0.142 χ^2 /NDF: 144889.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 313.719 $\pm$ 0.127 χ^2 /NDF: 259684.2/7

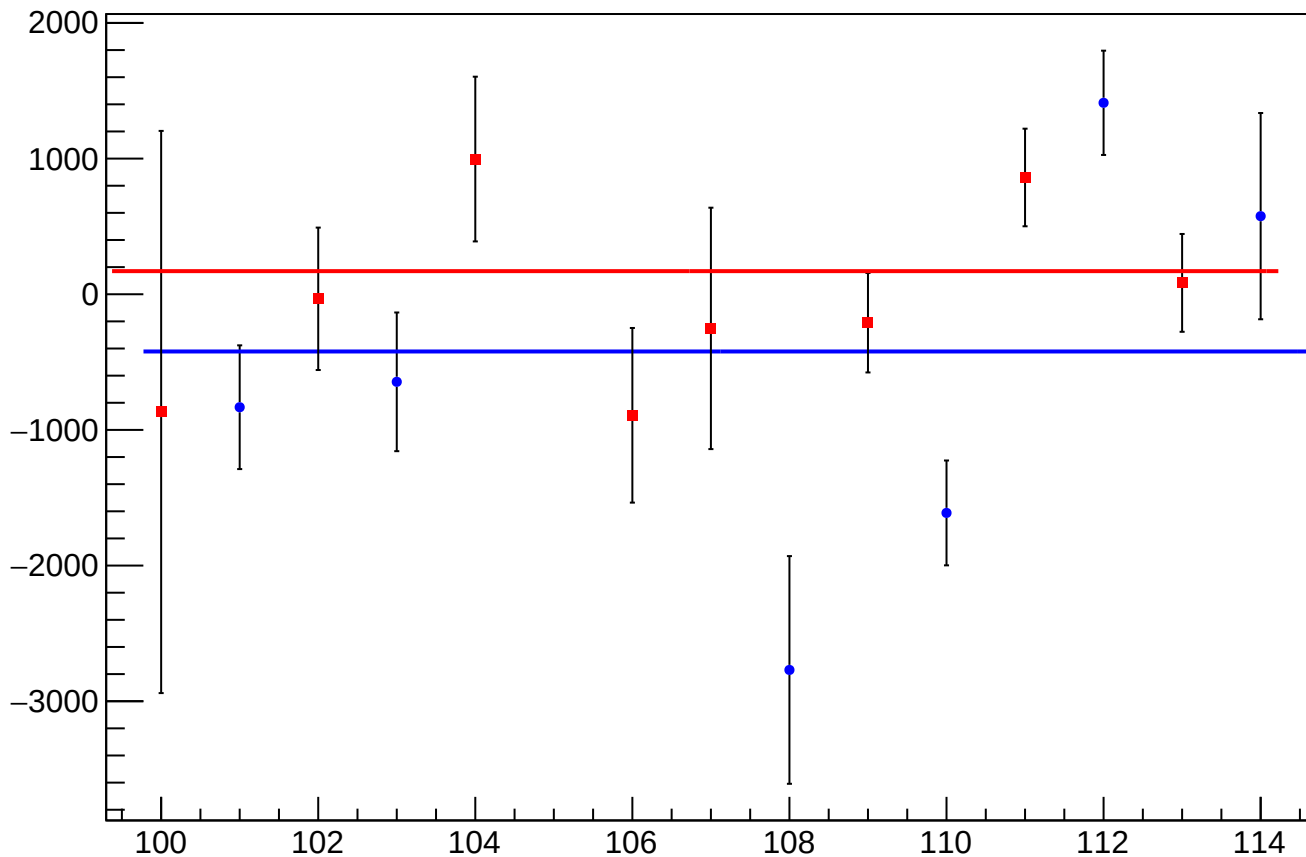
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.334 $\pm$ 0.094 χ^2 /NDF: 405538.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -421.825+/-199.017 χ^2/NDF : 42.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.395+/-173.770 χ^2/NDF : 10.0/7

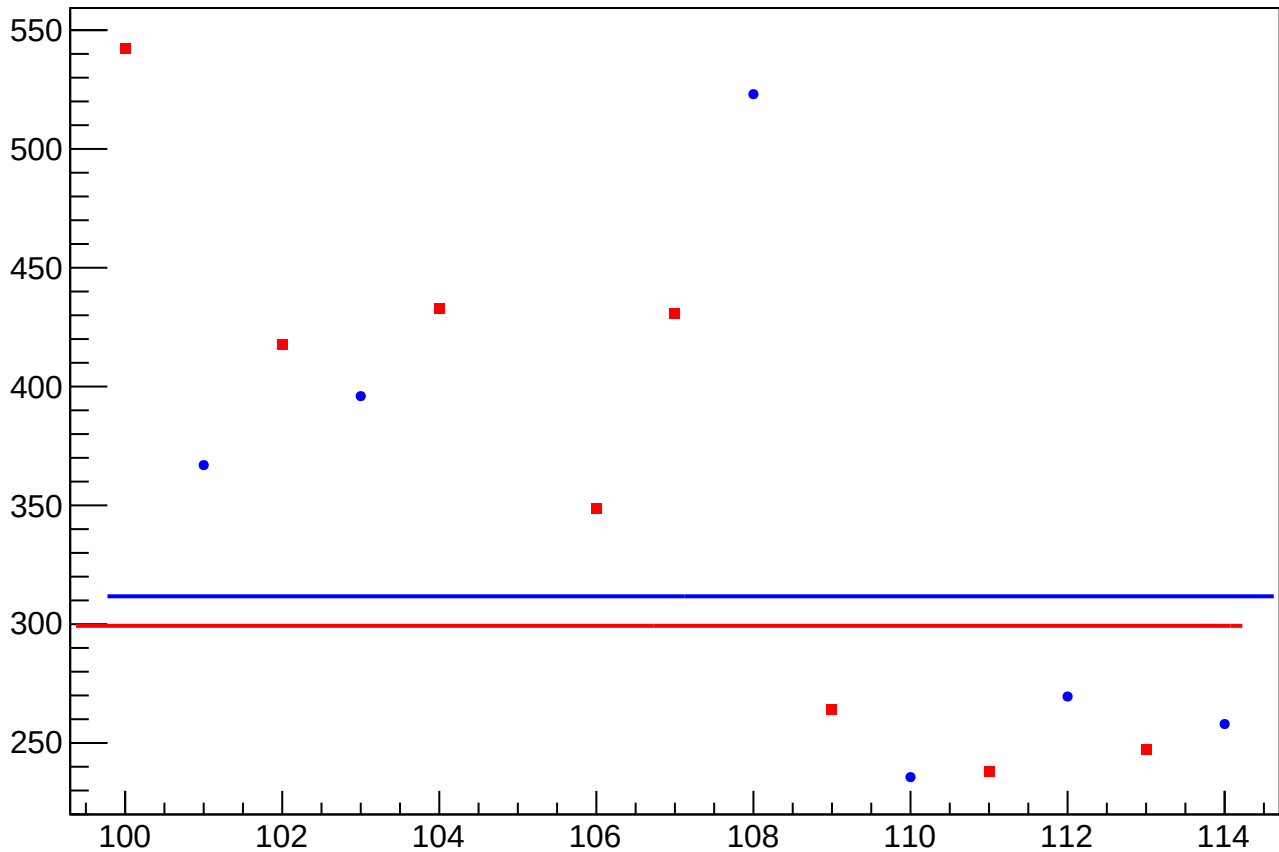
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.790+/-130.896 χ^2/NDF : 57.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_rms vs Slug



Right In: 311.726+/-0.141 χ^2/NDF : 322098.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.305+/-0.123 χ^2/NDF : 400037.7/7

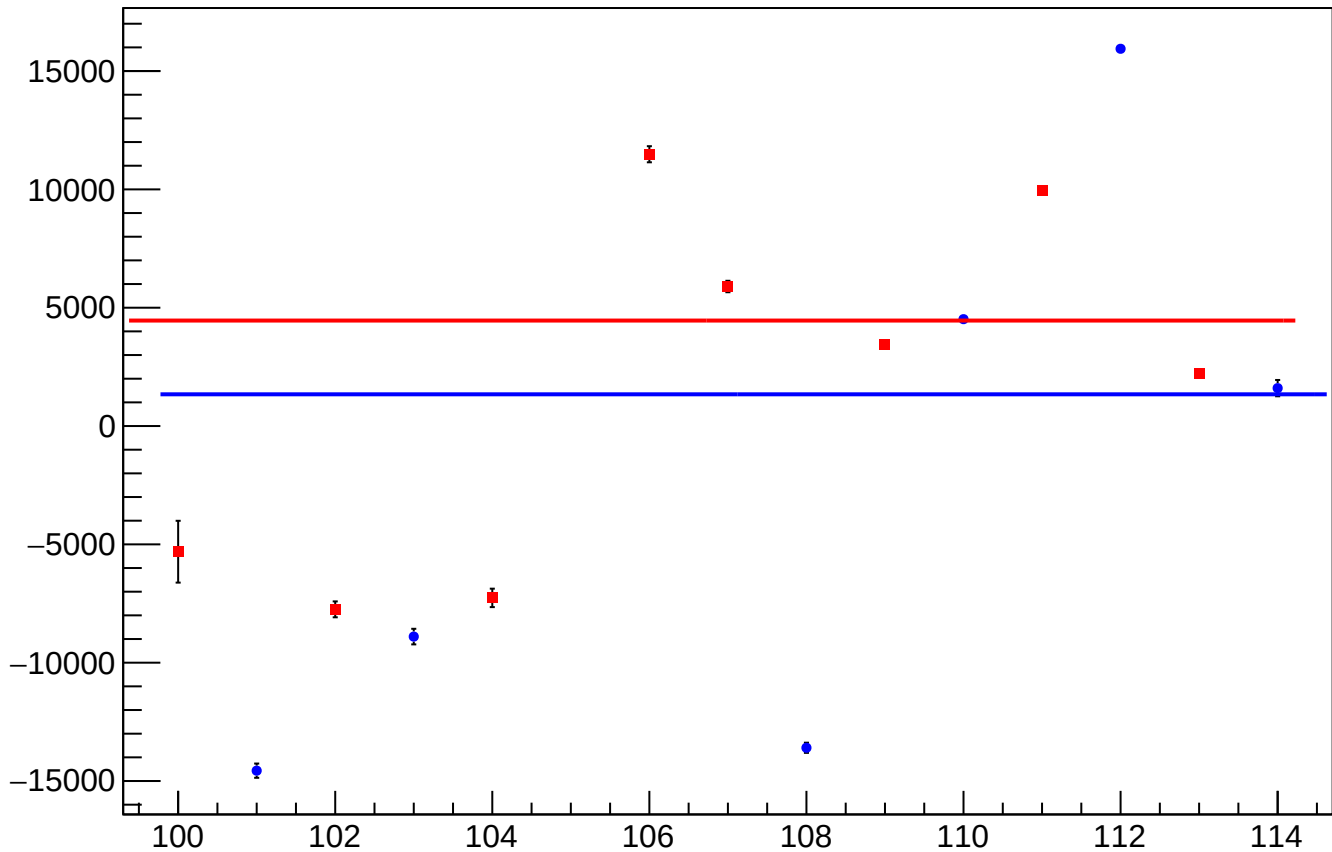
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.678+/-0.093 χ^2/NDF : 726557.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 1340.666+/-92.521 χ^2/NDF : 16001.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4457.061+/-79.464 χ^2/NDF : 4212.1/7

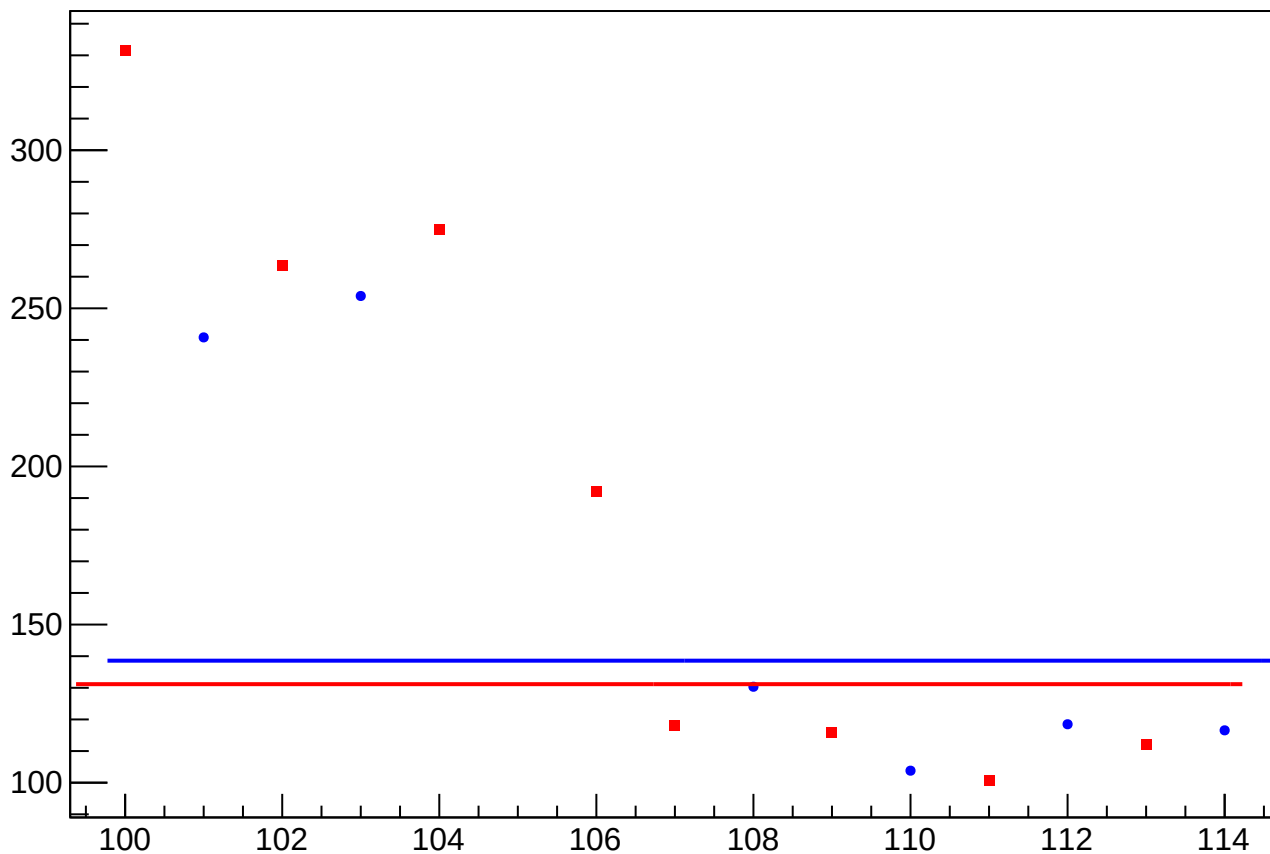
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.116+/-60.282 χ^2/NDF : 20866.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 138.582 $\pm$ 0.065 χ^2 /NDF: 594092.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.153 $\pm$ 0.056 χ^2 /NDF: 820269.8/7

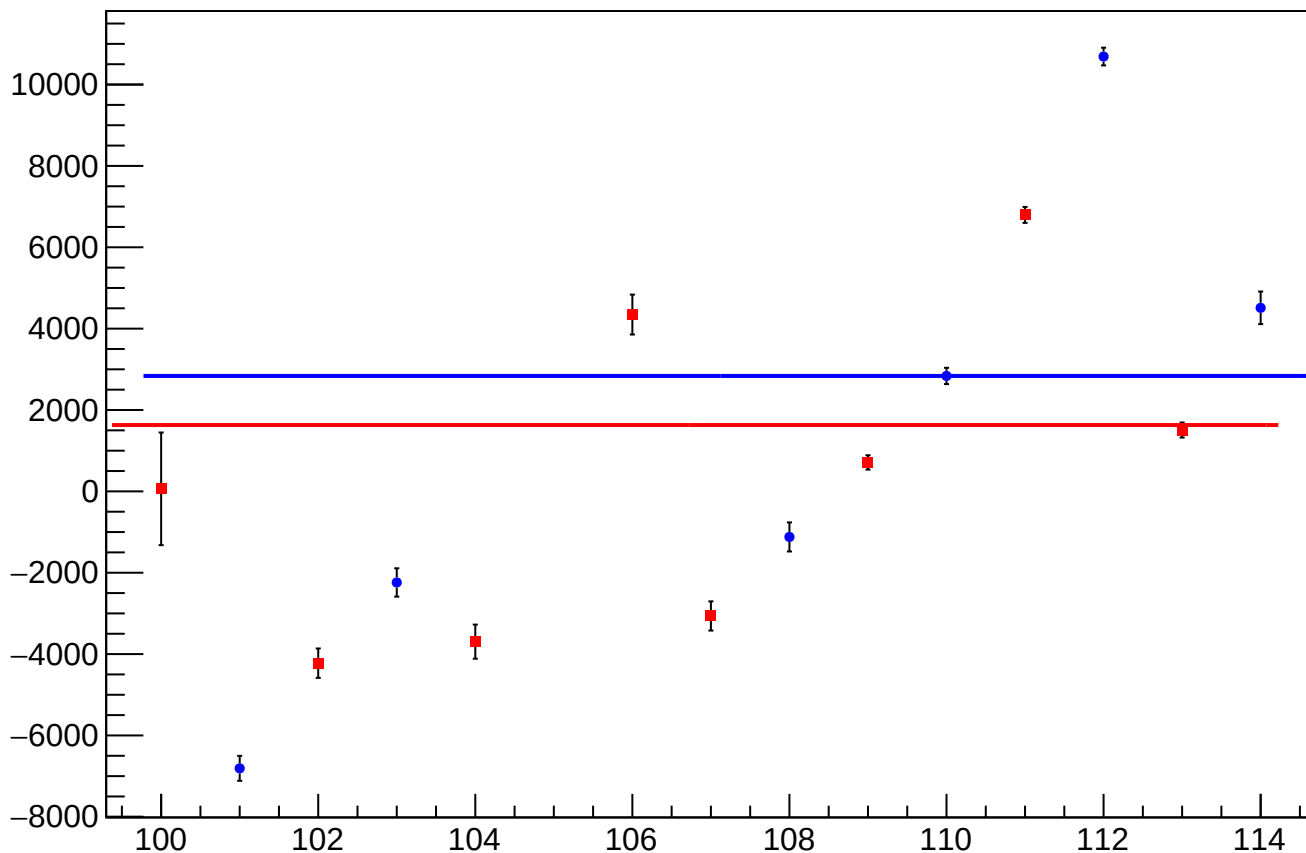
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.307 $\pm$ 0.043 χ^2 /NDF: 1421783.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 2837.373+/-112.643 χ^2/NDF : 2638.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1630.449+/-93.900 χ^2/NDF : 1349.0/7

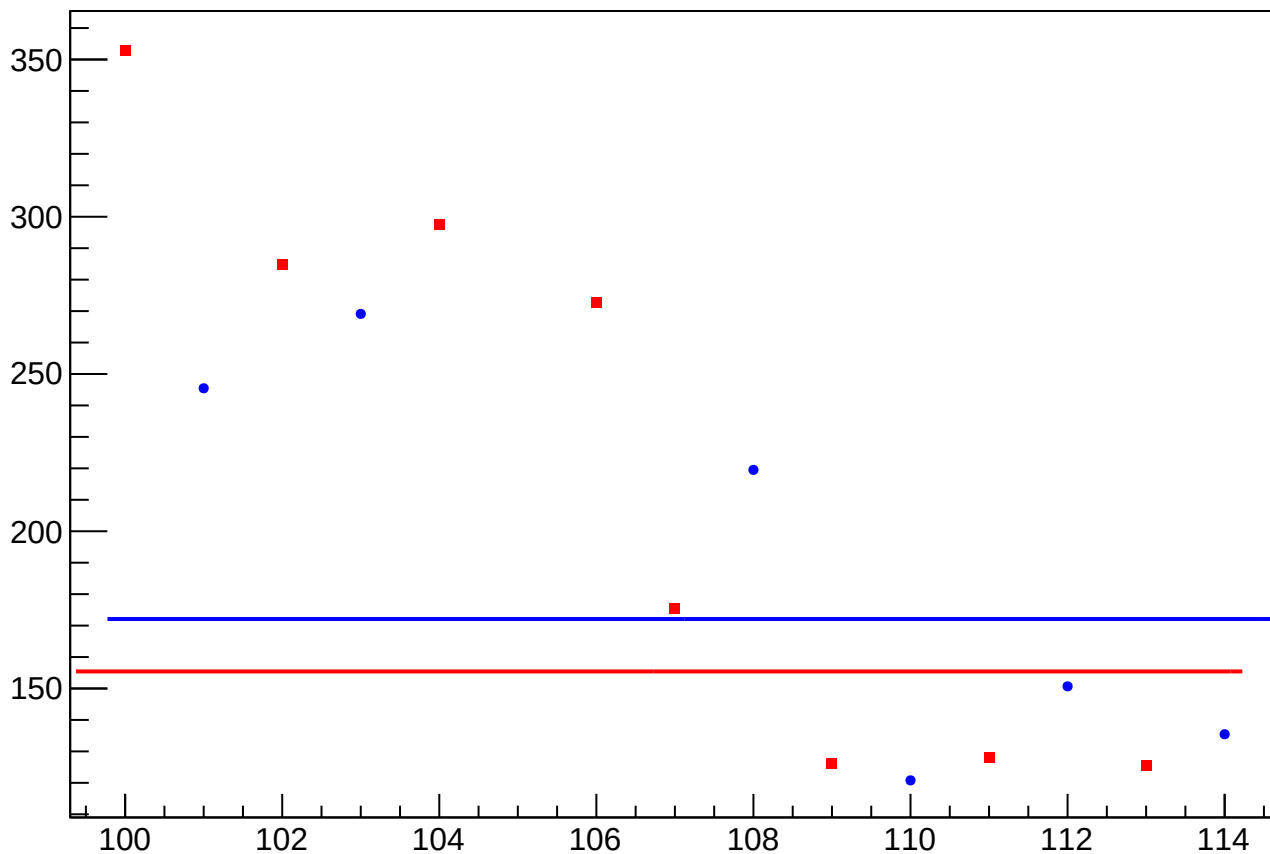
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.281+/-72.126 χ^2/NDF : 4055.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 172.093 $\pm$ 0.080 χ^2 /NDF: 471673.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.423 $\pm$ 0.066 χ^2 /NDF: 795751.2/7

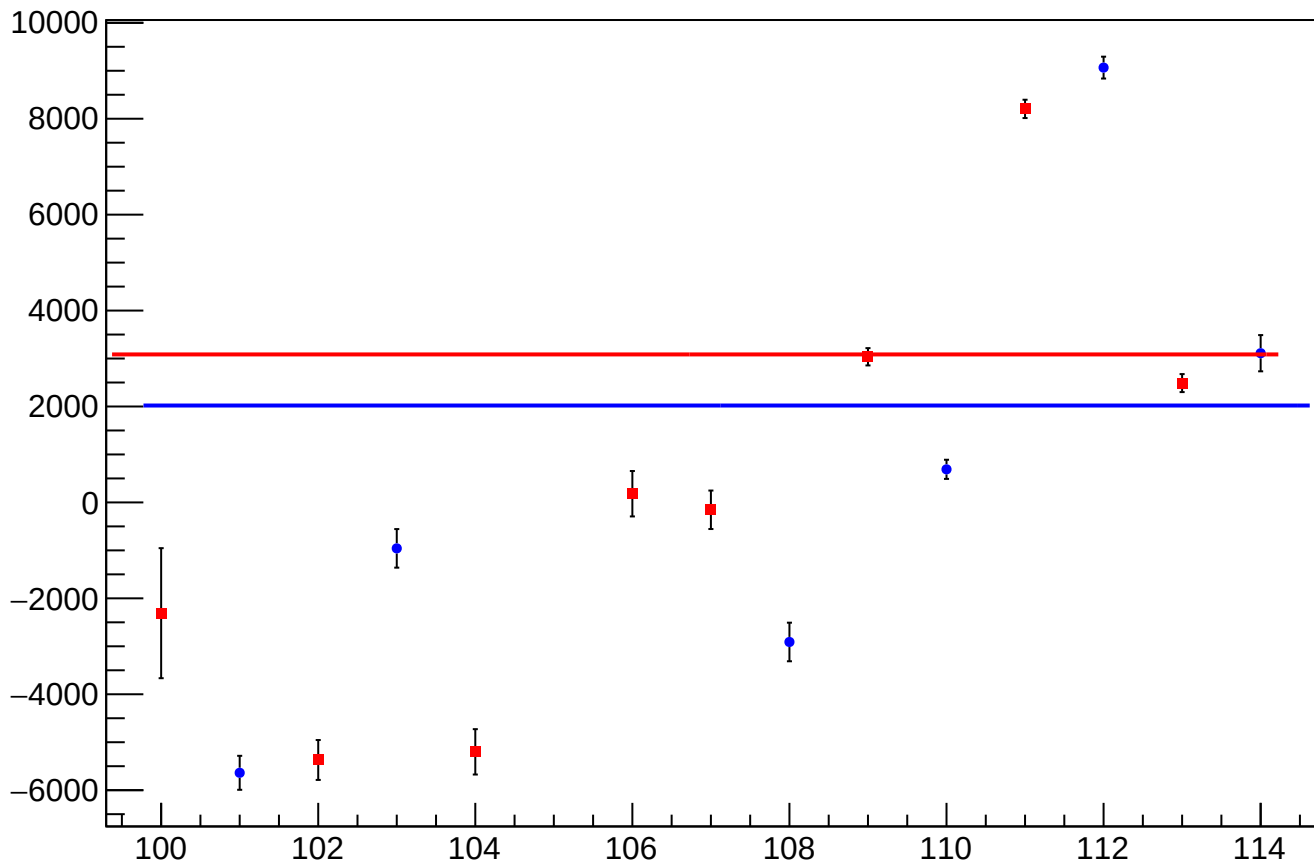
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.258 $\pm$ 0.051 χ^2 /NDF: 1293266.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 2020.353+/-118.145 χ^2/NDF : 1680.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3085.648+/-96.212 χ^2/NDF : 1567.9/7

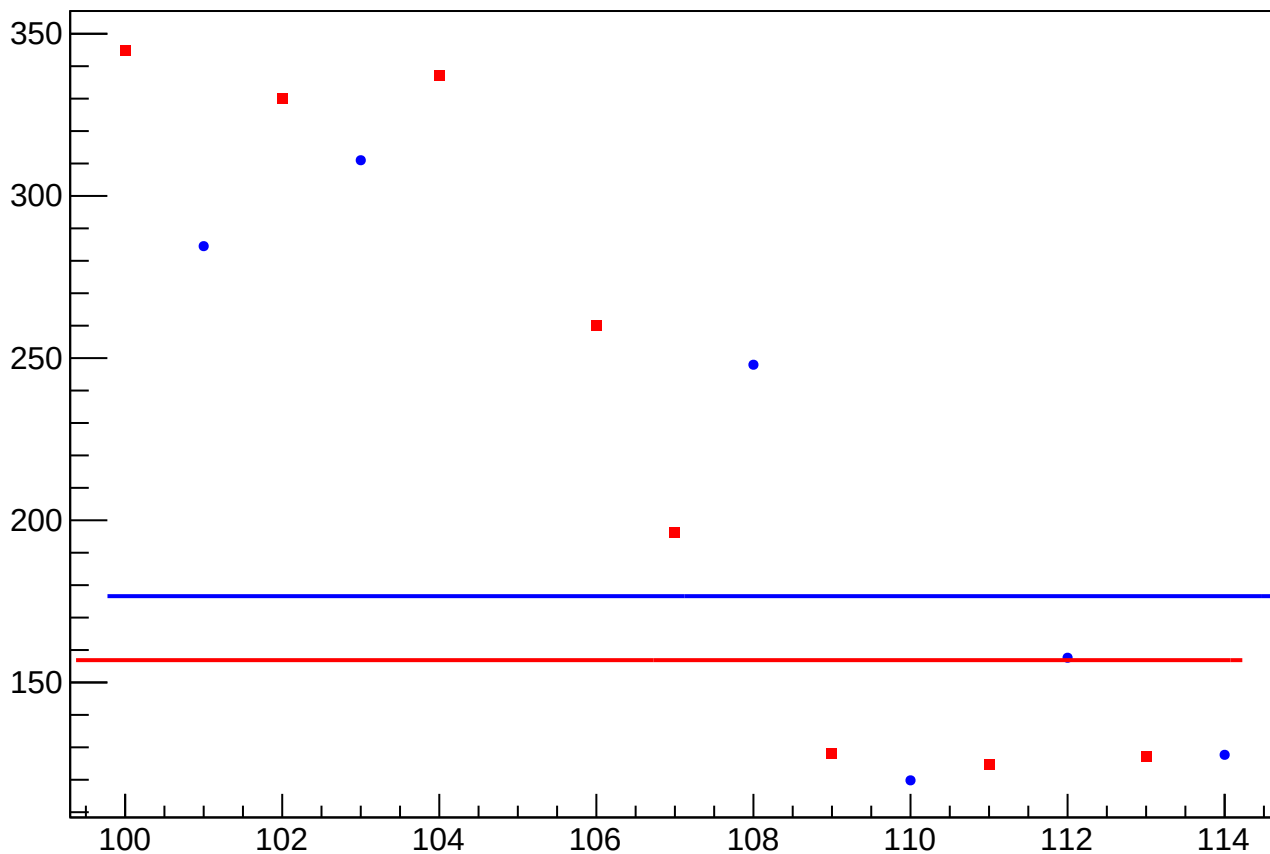
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.875+/-74.604 χ^2/NDF : 3297.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 176.608 $\pm$ 0.084 χ^2 /NDF: 680826.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.877 $\pm$ 0.068 χ^2 /NDF: 947473.8/7

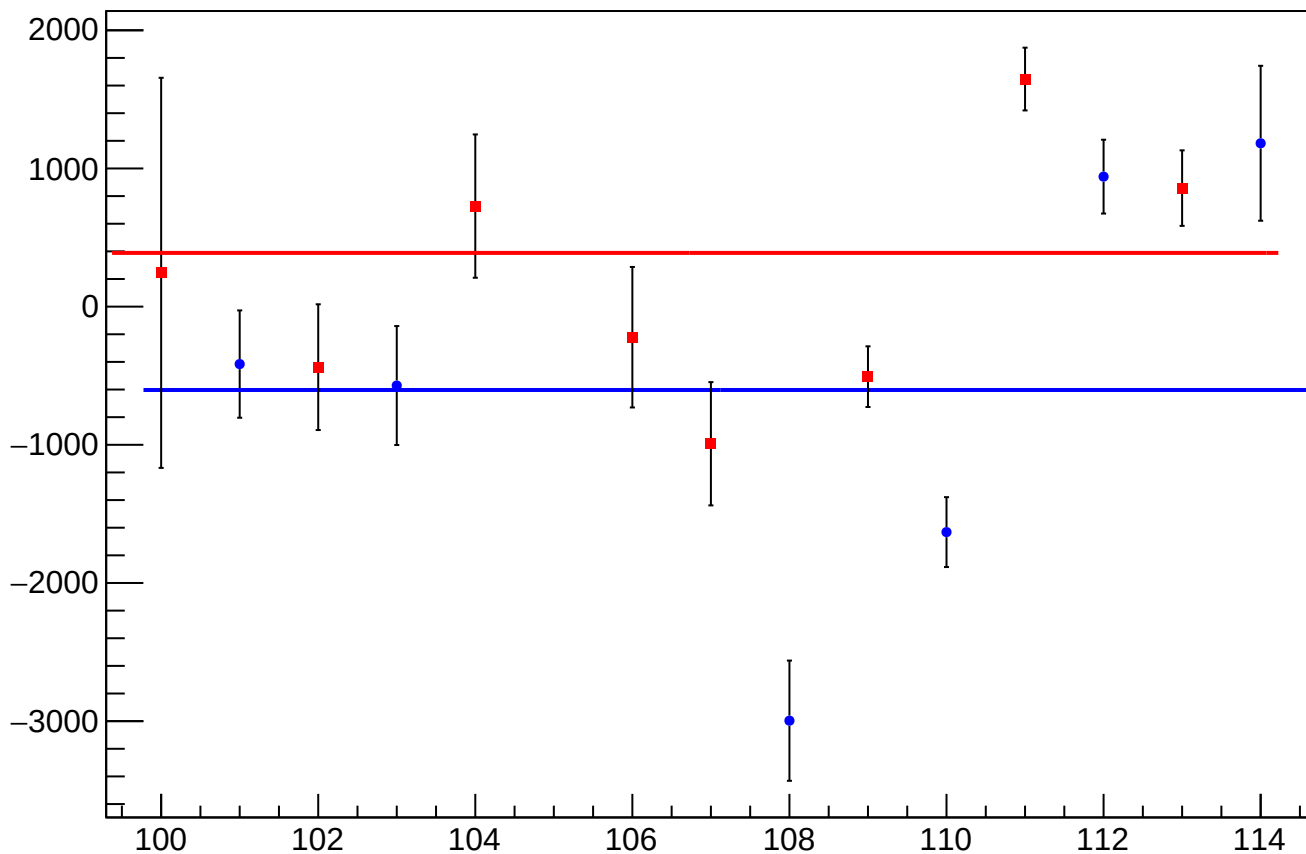
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.745 $\pm$ 0.053 χ^2 /NDF: 1661839.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -603.257+/-141.231 χ^2/NDF : 90.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 388.862+/-118.301 χ^2/NDF : 65.0/7

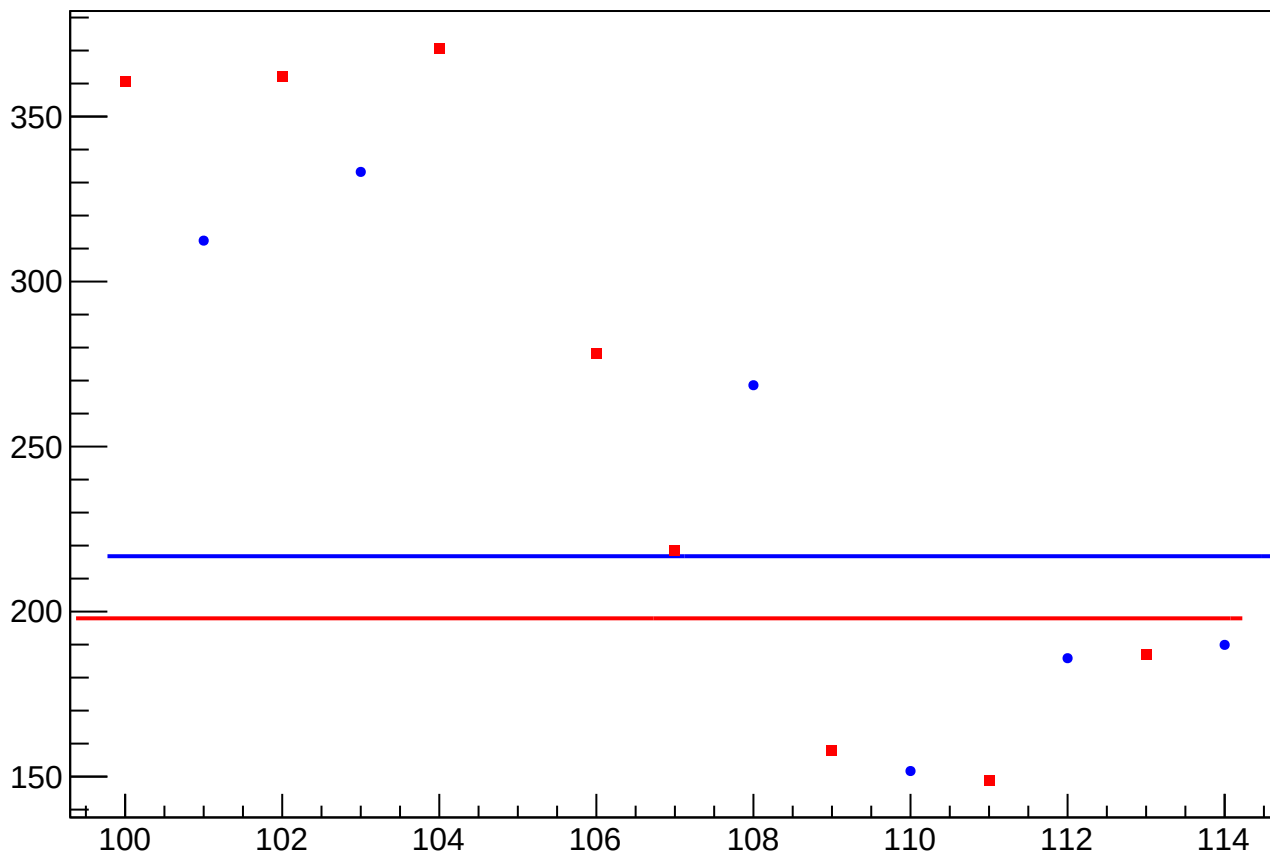
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.223+/-90.689 χ^2/NDF : 184.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 216.779 $\pm$ 0.100 χ^2 /NDF: 459778.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 197.957 $\pm$ 0.084 χ^2 /NDF: 724670.6/7

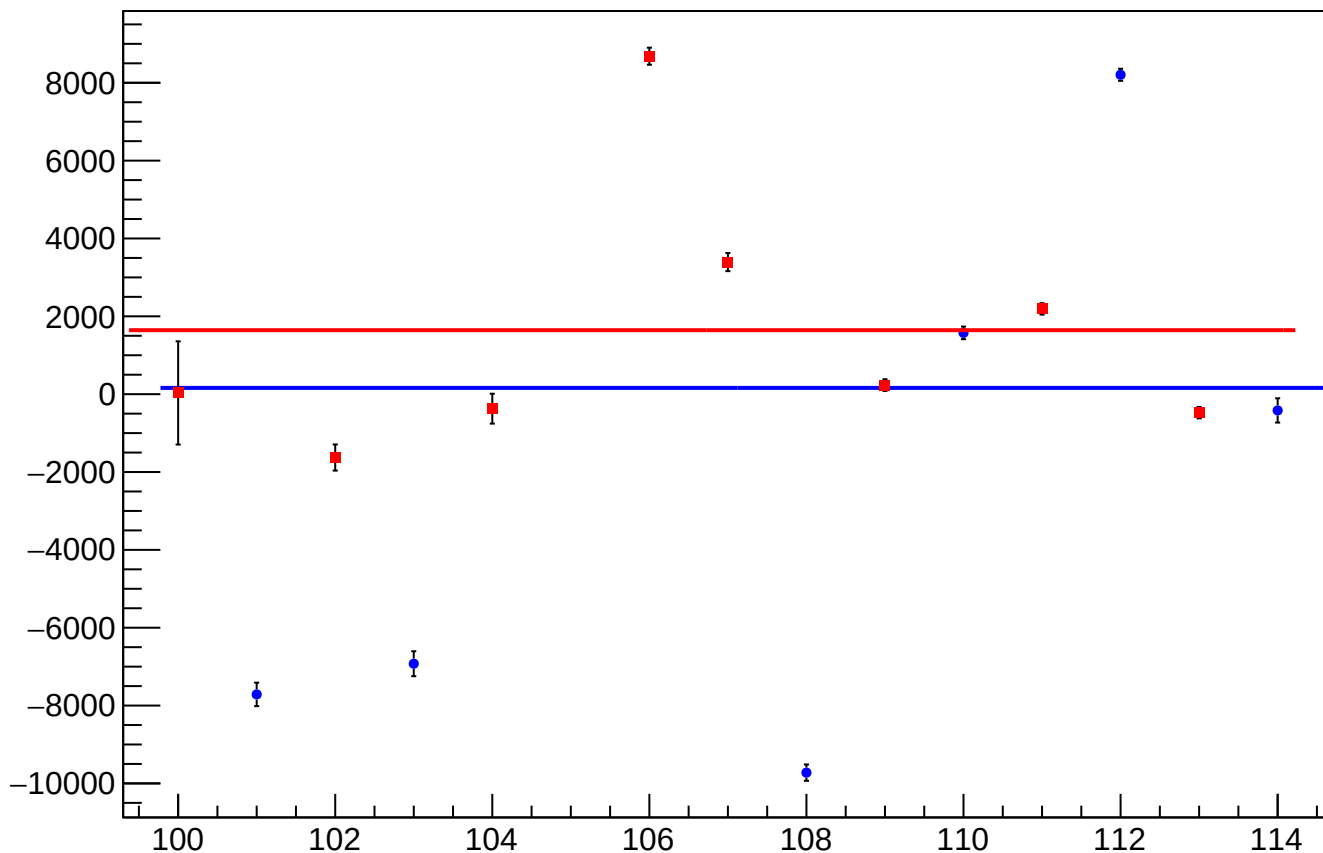
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.718 $\pm$ 0.064 χ^2 /NDF: 1205323.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: 161.078 $\pm$ 86.668 χ^2 /NDF: 6147.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1643.804 $\pm$ 71.856 χ^2 /NDF: 1526.8/7

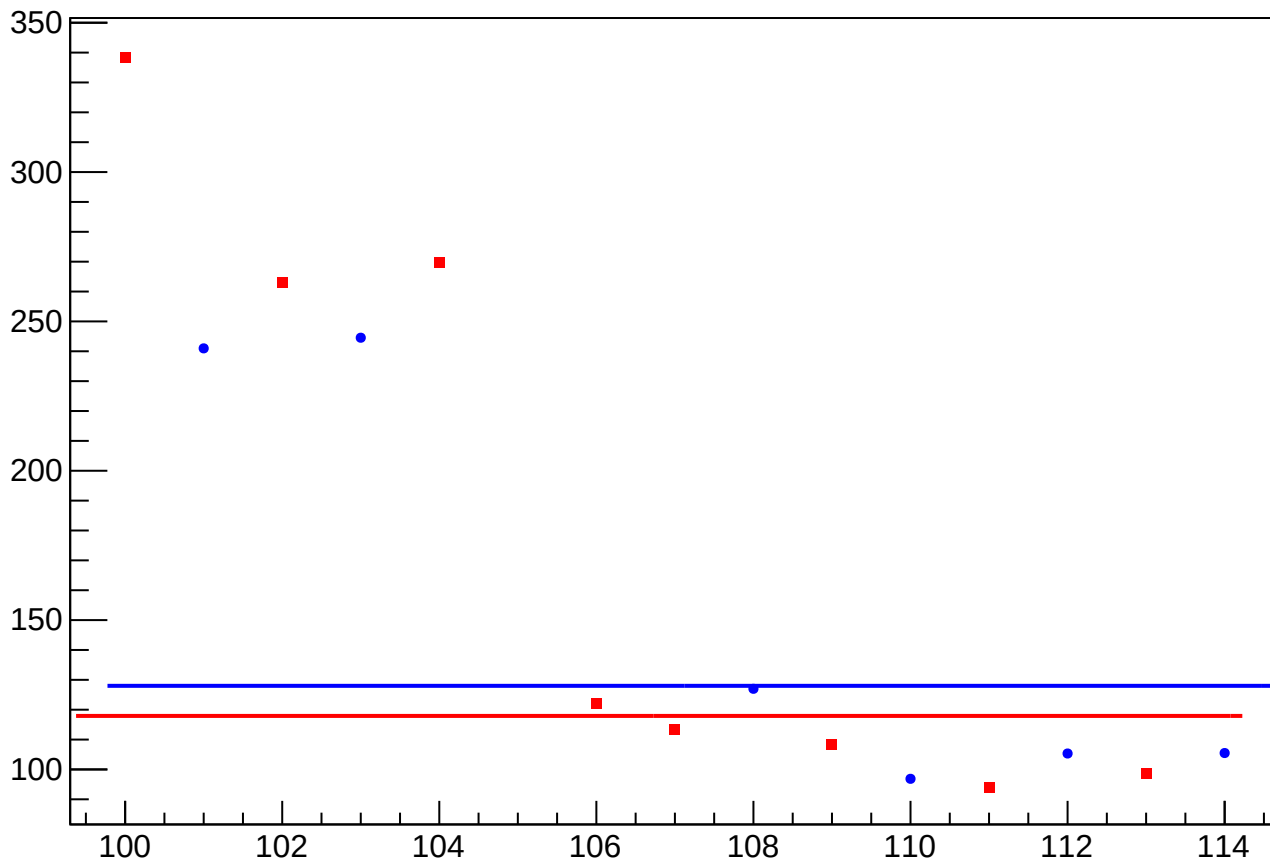
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1039.784 $\pm$ 55.316 χ^2 /NDF: 7847.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 127.994 $\pm$ 0.061 χ^2 /NDF: 671427.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.920 $\pm$ 0.051 χ^2 /NDF: 841448.7/7

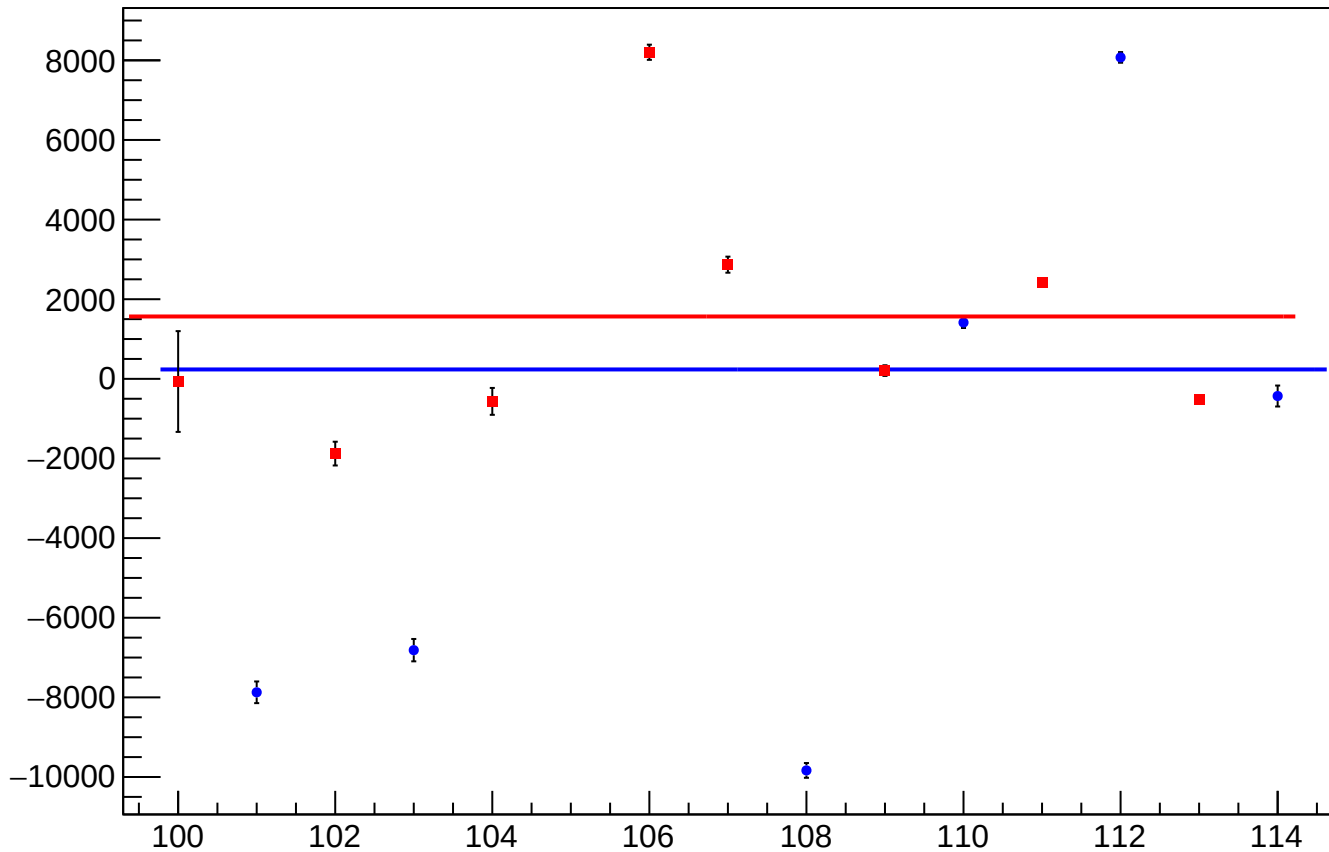
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 122.024 $\pm$ 0.039 χ^2 /NDF: 1528891.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: 236.012 $\pm$ 74.922 χ^2 /NDF: 7984.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1566.448 $\pm$ 61.838 χ^2 /NDF: 1868.8/7

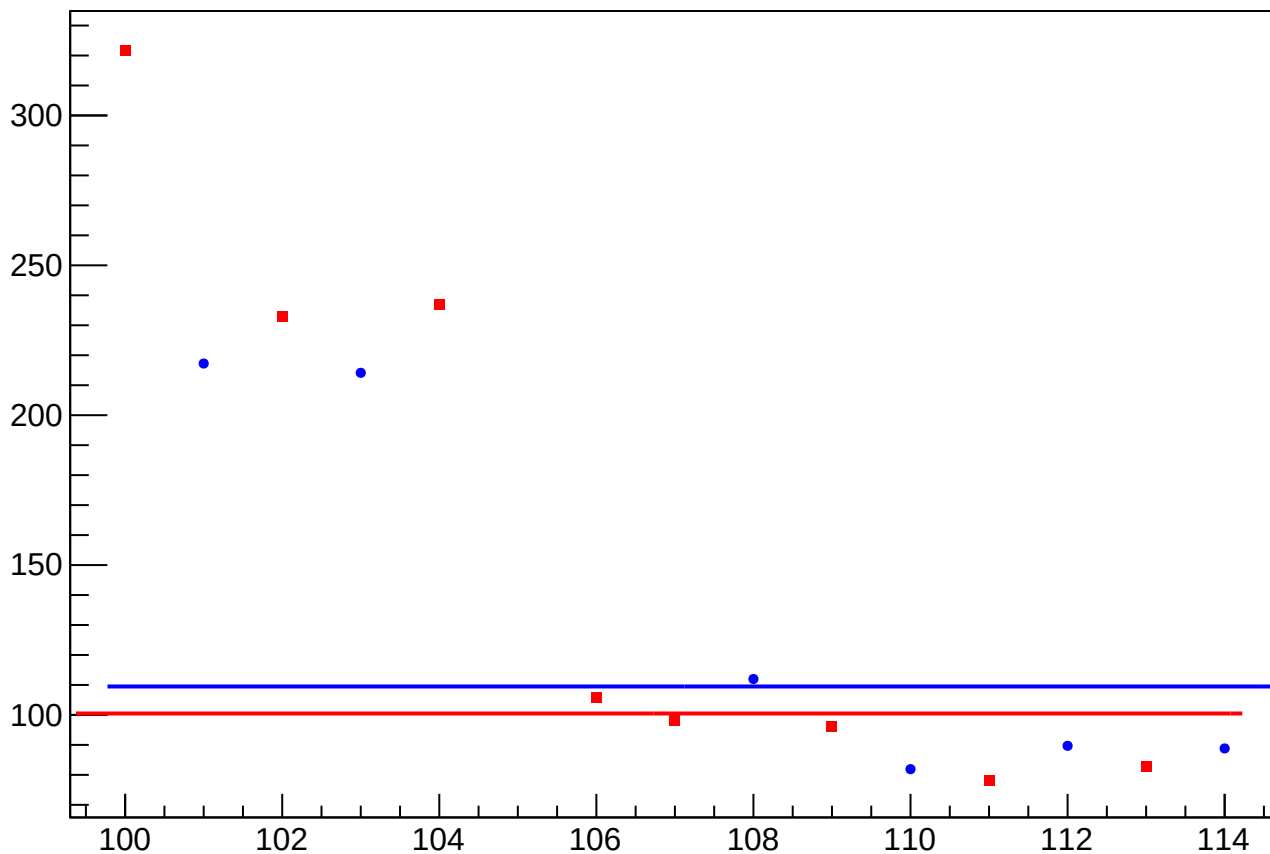
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1027.353 $\pm$ 47.692 χ^2 /NDF: 10040.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 109.488+/-0.053 χ^2/NDF : 727725.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.479+/-0.044 χ^2/NDF : 894028.6/7

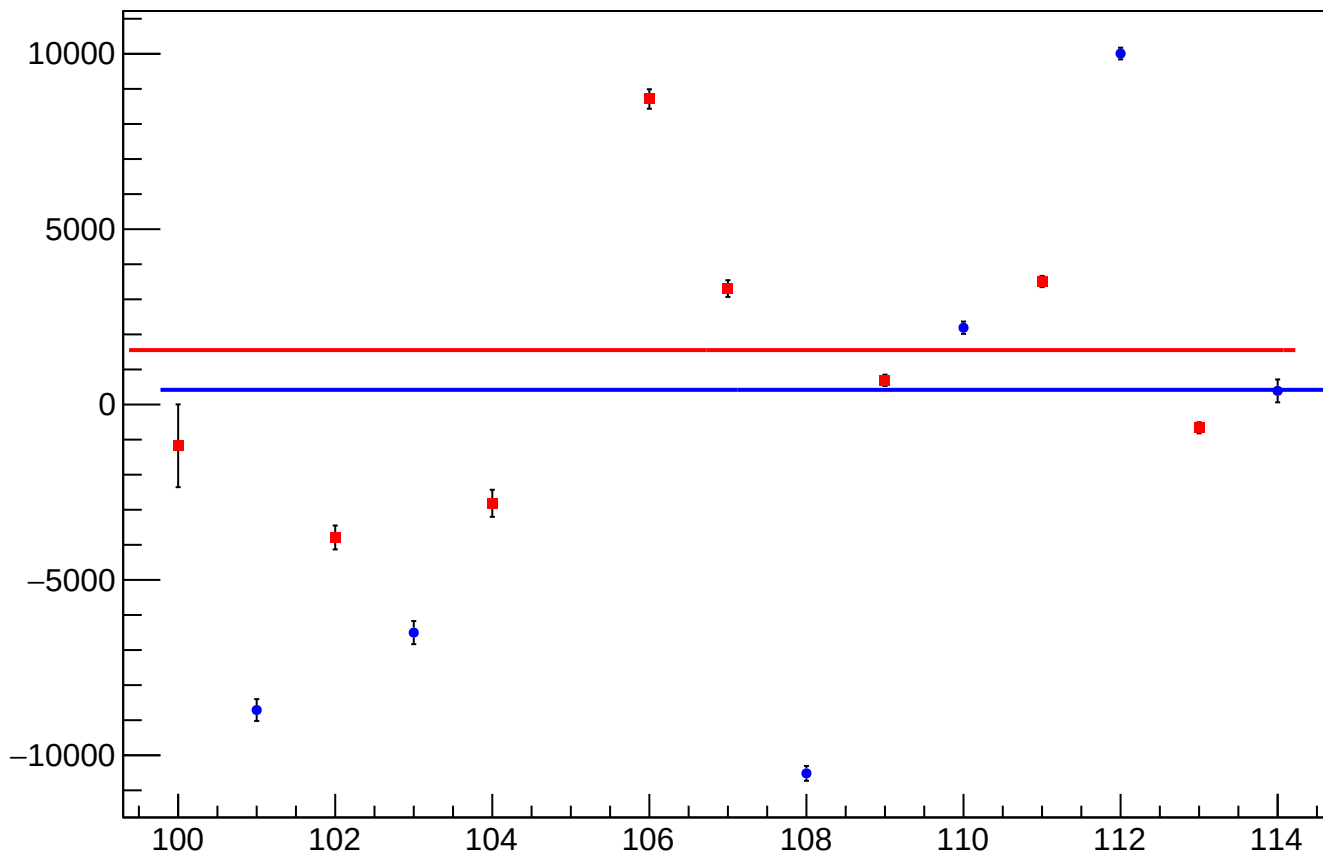
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.130+/-0.034 χ^2/NDF : 1638954.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_mean vs Slug



Right In: 419.434+/-91.434 χ^2/NDF : 7372.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1552.513+/-77.751 χ^2/NDF : 1477.4/7

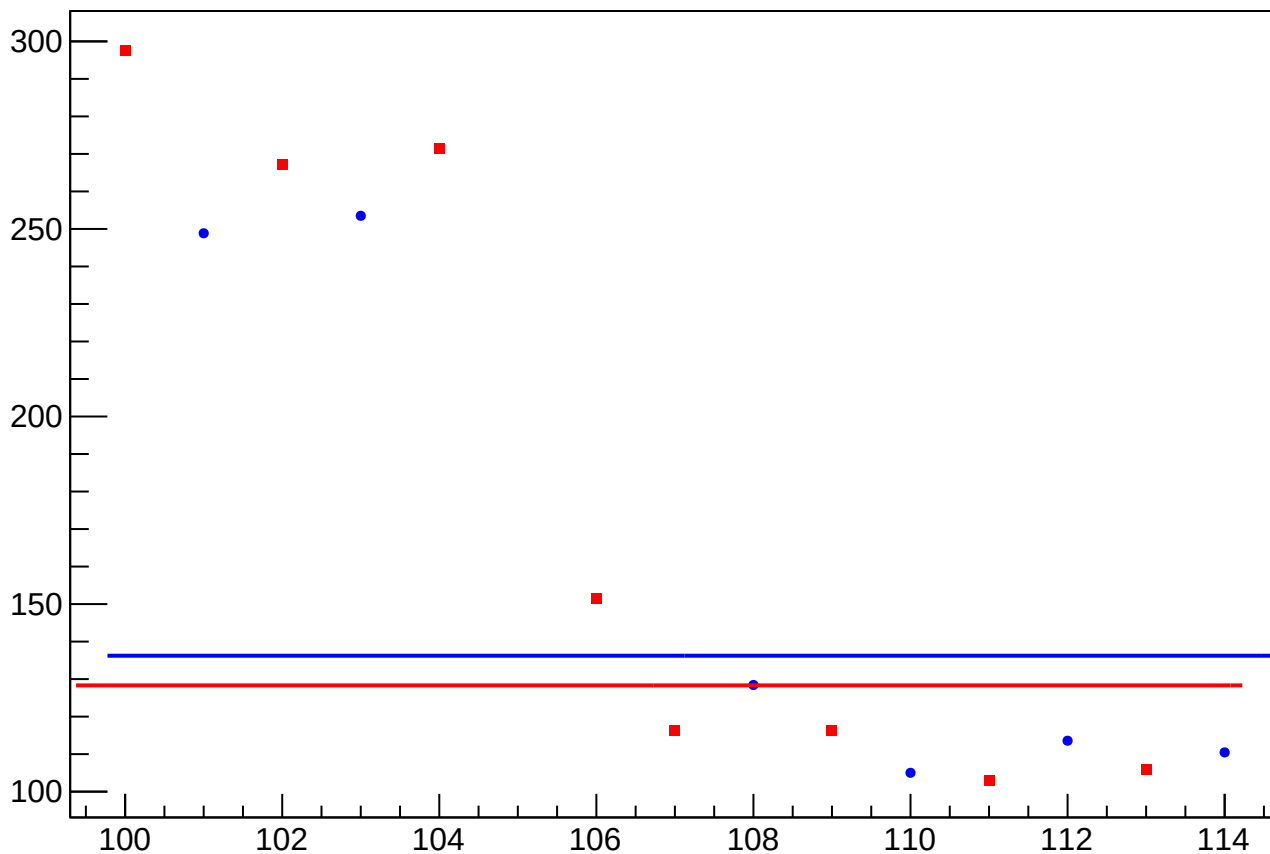
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.021+/-59.231 χ^2/NDF : 8938.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 136.233+/-0.065 χ^2/NDF : 630783.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.323+/-0.055 χ^2/NDF : 769609.1/7

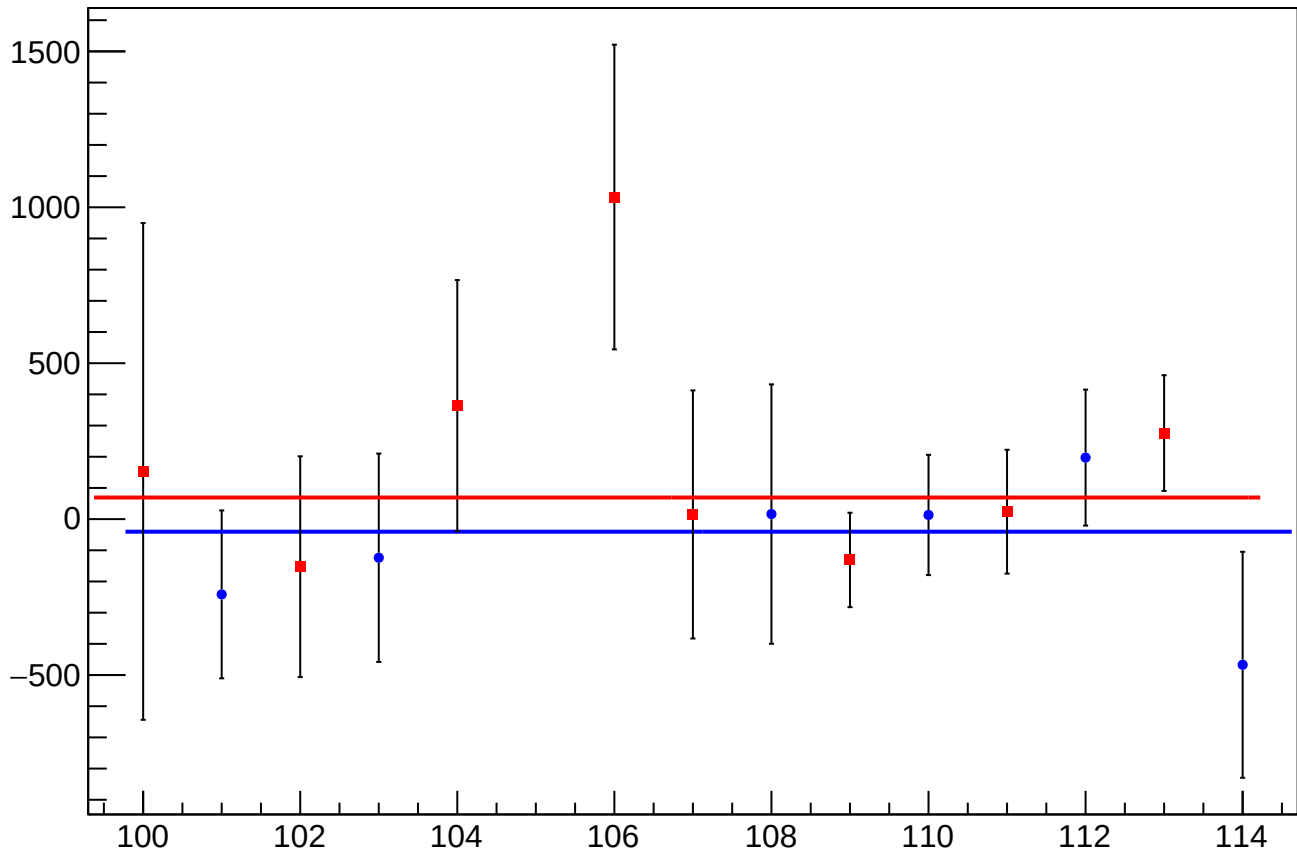
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.642+/-0.042 χ^2/NDF : 1409078.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -40.339+/-109.049 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.289+/-89.708 χ^2/NDF : 7.9/7

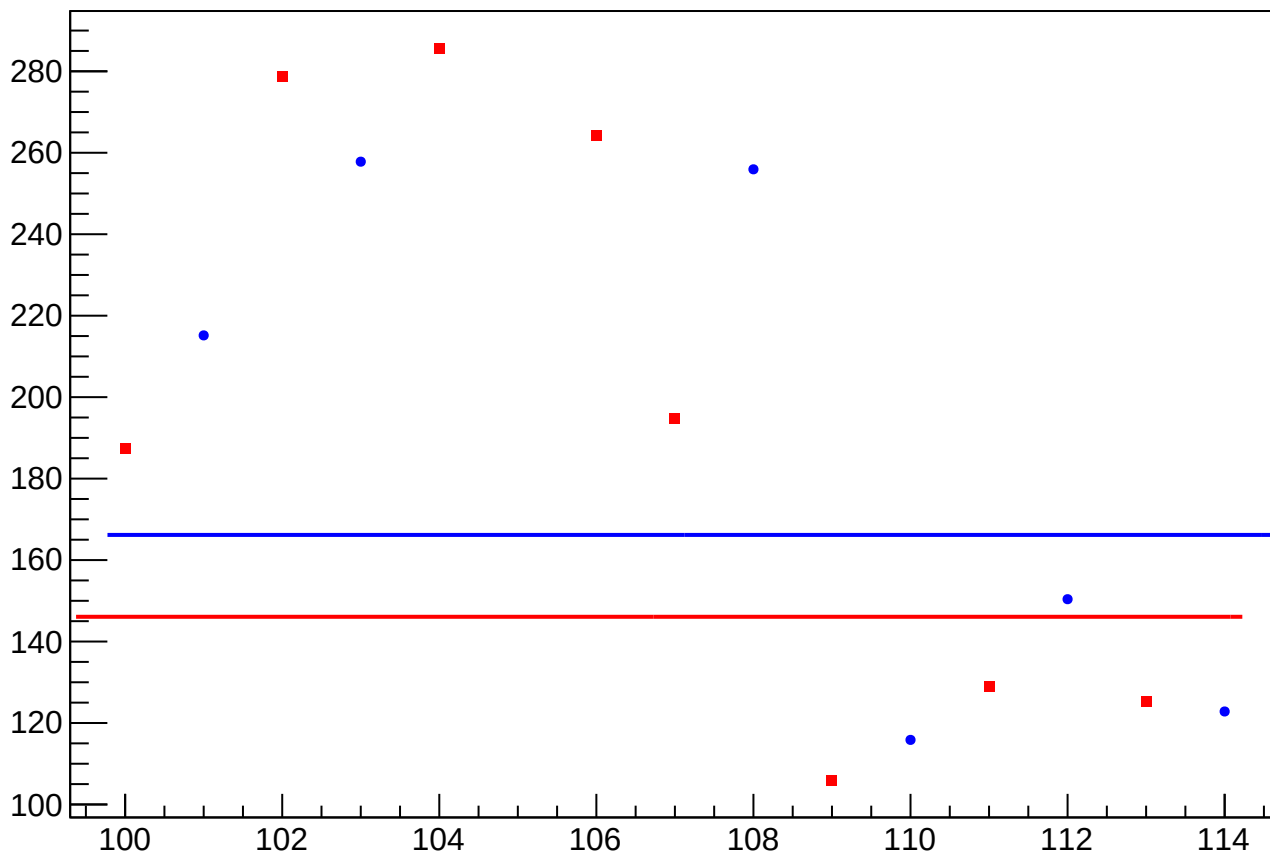
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.043+/-69.279 χ^2/NDF : 11.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 166.177 $\pm$ 0.077 χ^2 /NDF: 485120.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.078 $\pm$ 0.063 χ^2 /NDF: 854021.3/7

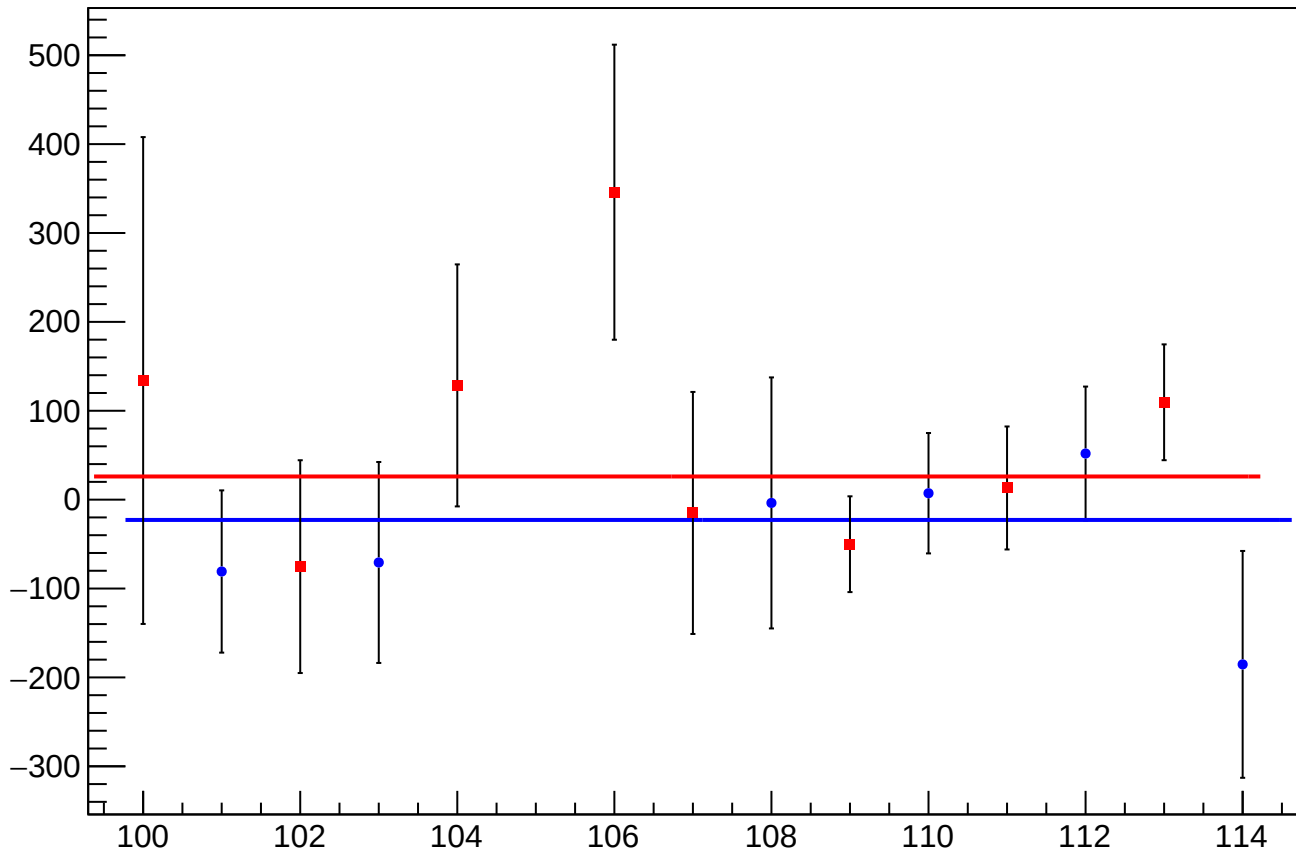
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.190 $\pm$ 0.049 χ^2 /NDF: 1379662.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -22.831 $\pm$ 37.685 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.068 $\pm$ 31.369 χ^2 /NDF: 8.9/7

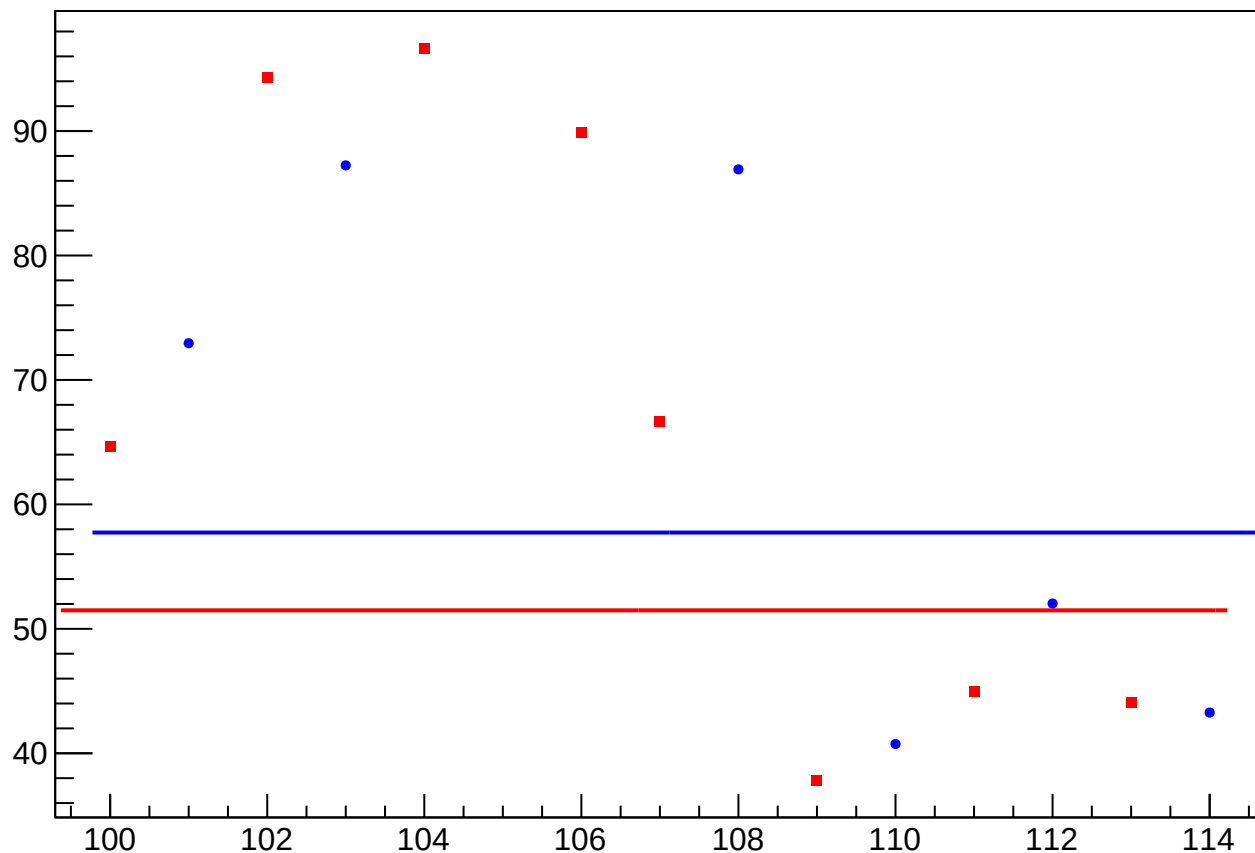
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.054 $\pm$ 24.109 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 57.739+/-0.027 χ^2/NDF : 440277.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.488+/-0.022 χ^2/NDF : 783792.9/7

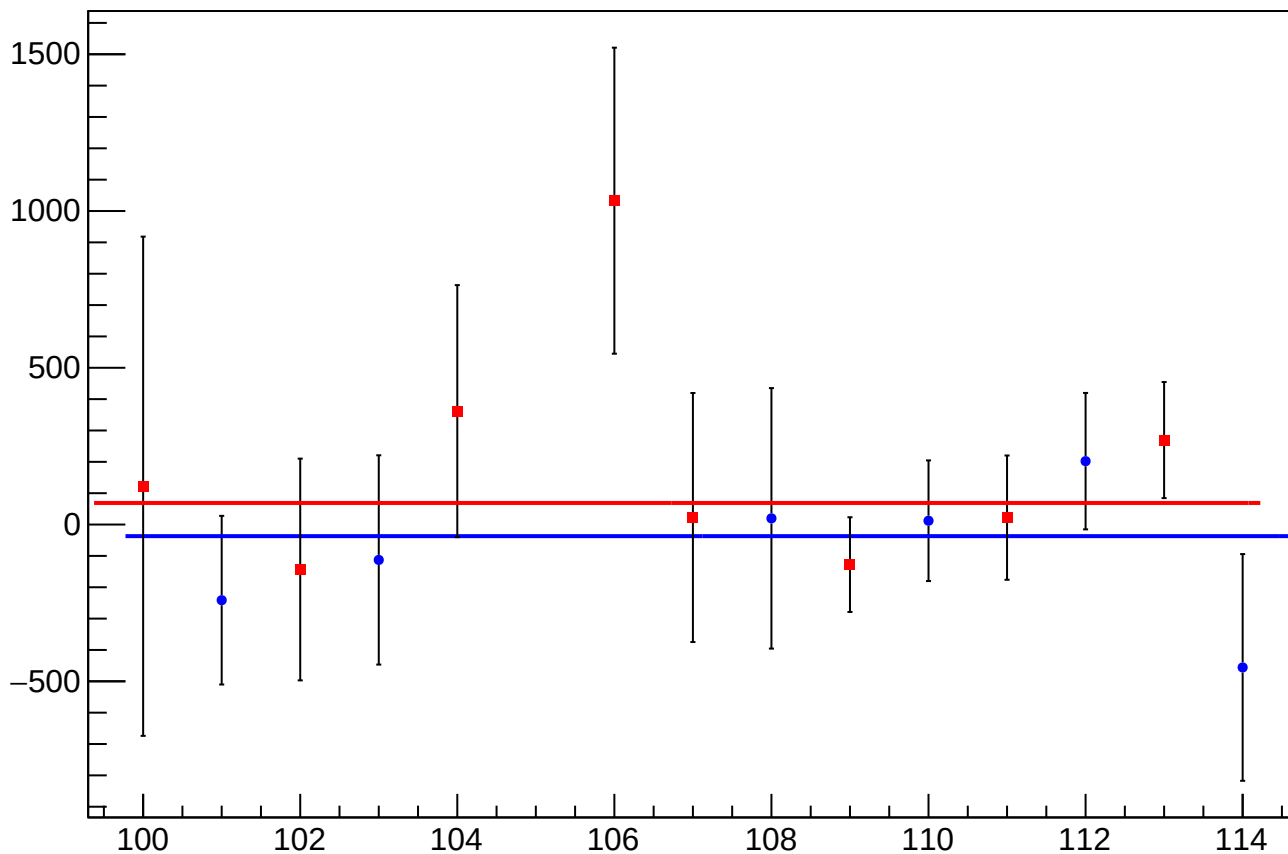
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.047+/-0.017 χ^2/NDF : 1256569.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -36.989 ± 108.862 χ^2/NDF : 3.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 68.848 ± 89.530 χ^2/NDF : 7.7/7

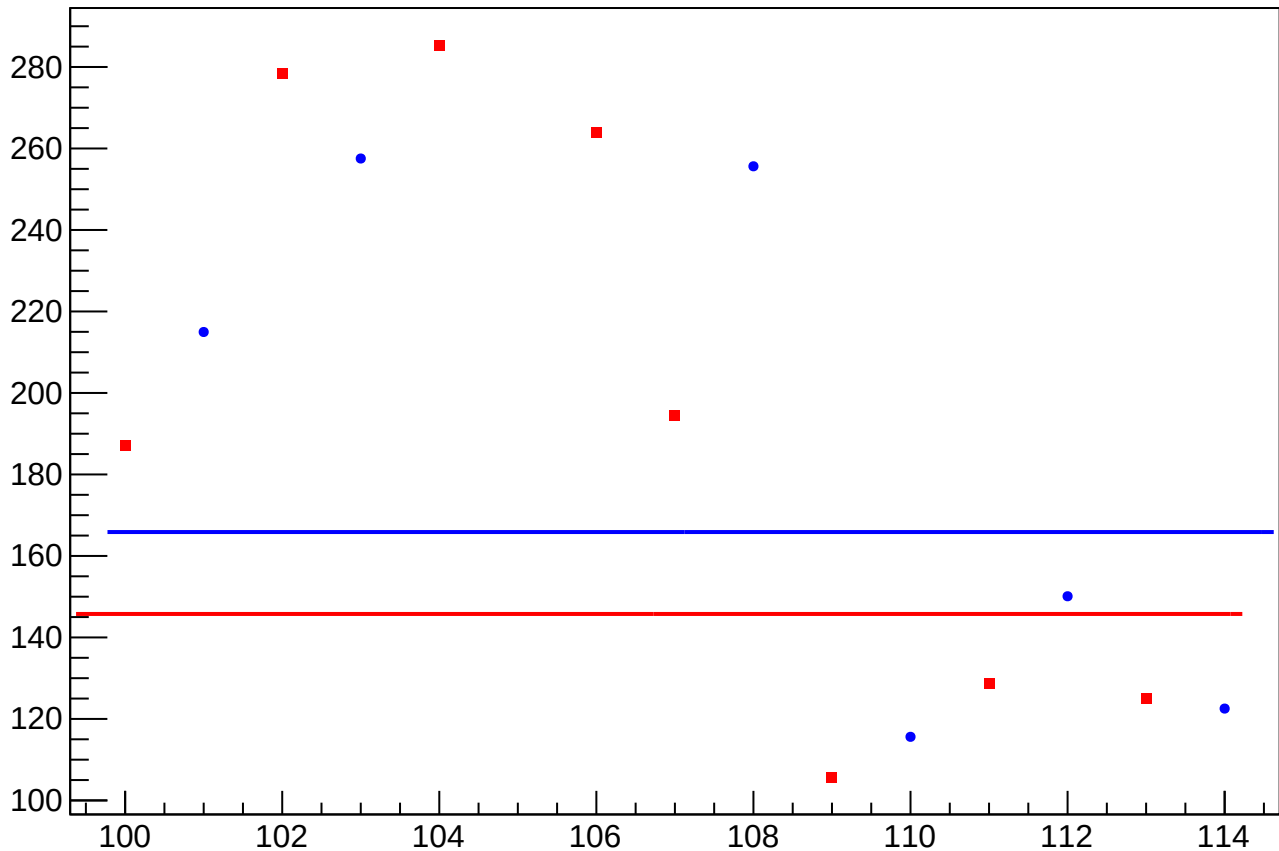
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 26.146 ± 69.149 χ^2/NDF : 11.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 165.866 $\pm$ 0.077 χ^2 /NDF: 486553.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.761 $\pm$ 0.063 χ^2 /NDF: 855824.9/7

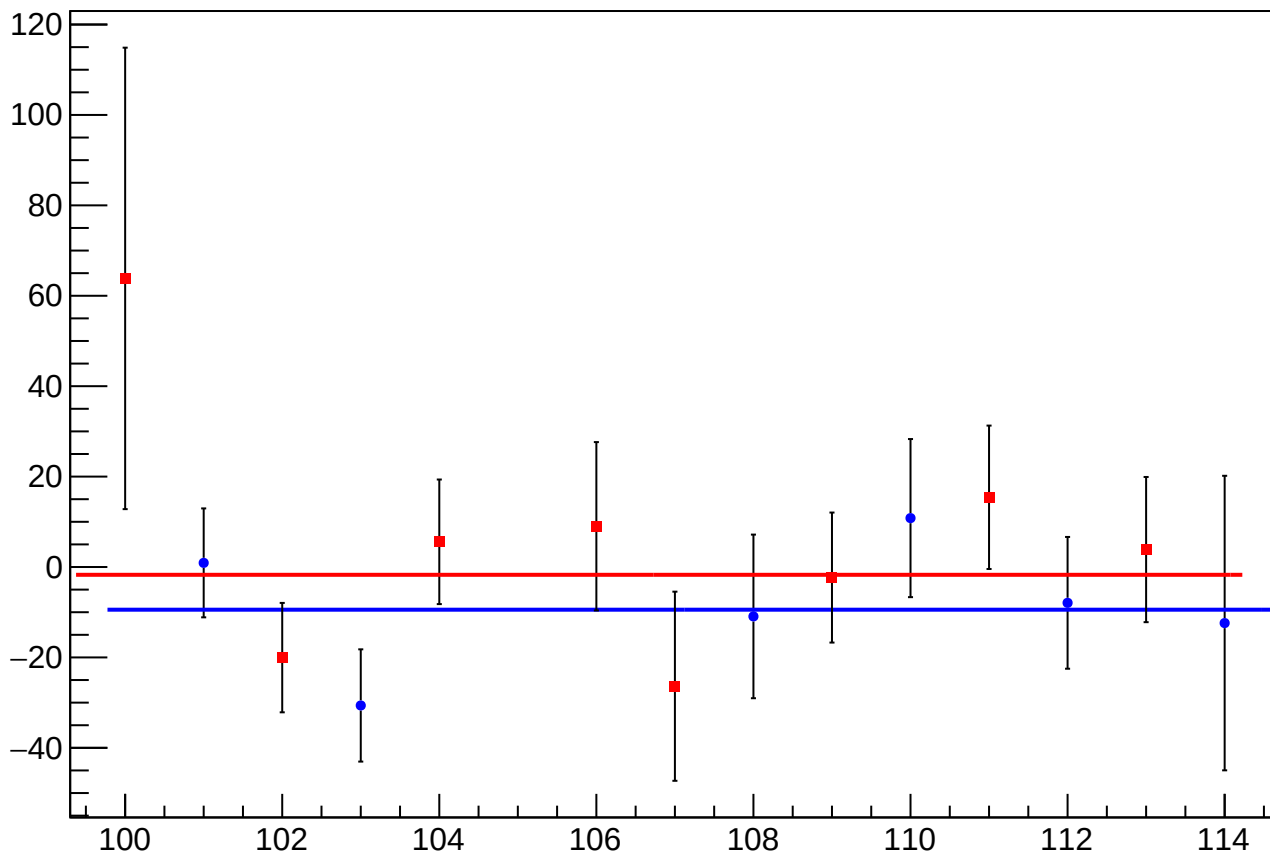
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 153.873 $\pm$ 0.049 χ^2 /NDF: 1383069.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -9.442 $\pm$ 6.281 χ^2 /NDF: 5.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.724 $\pm$ 5.741 χ^2 /NDF: 7.2/7

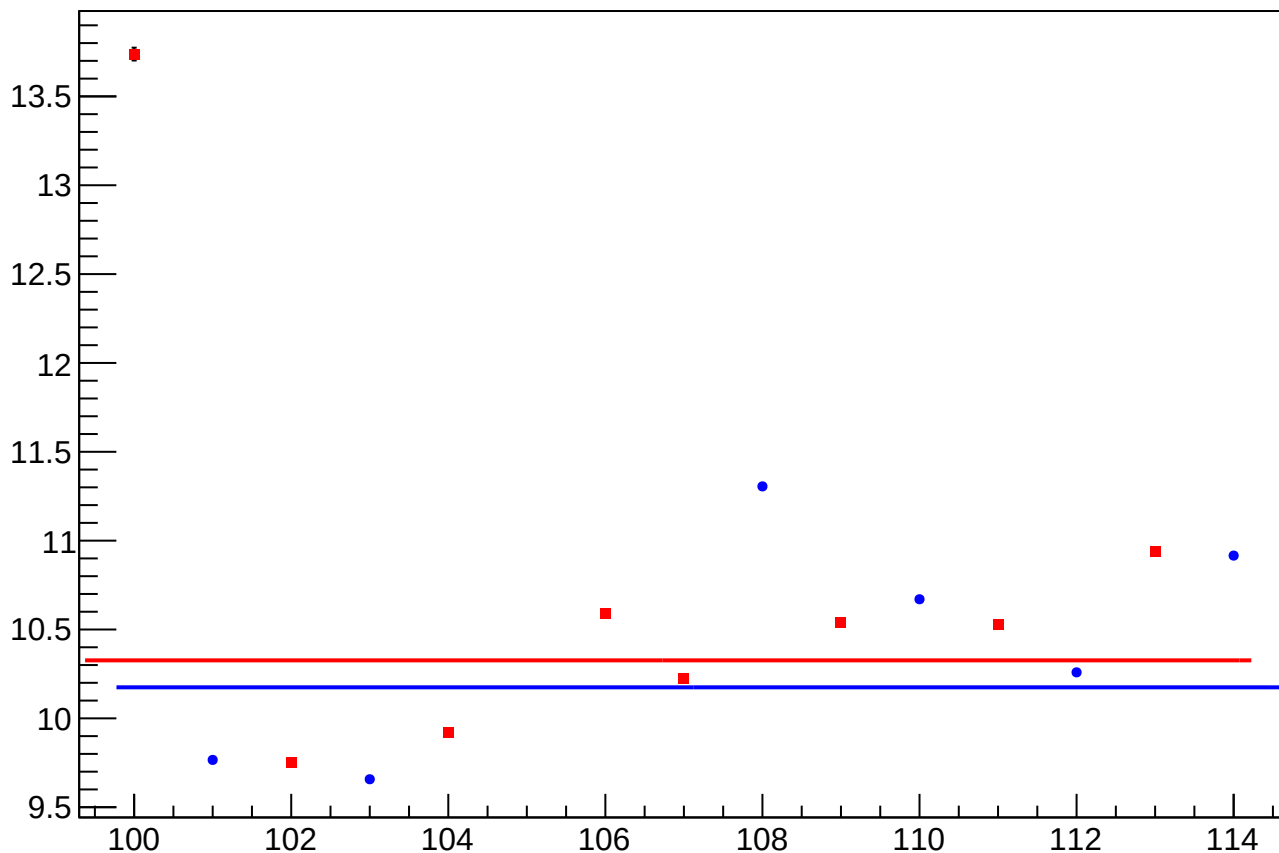
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.237 $\pm$ 4.238 χ^2 /NDF: 13.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 10.175+/-0.004 χ^2/NDF : 16285.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.326+/-0.004 χ^2/NDF : 19294.2/7

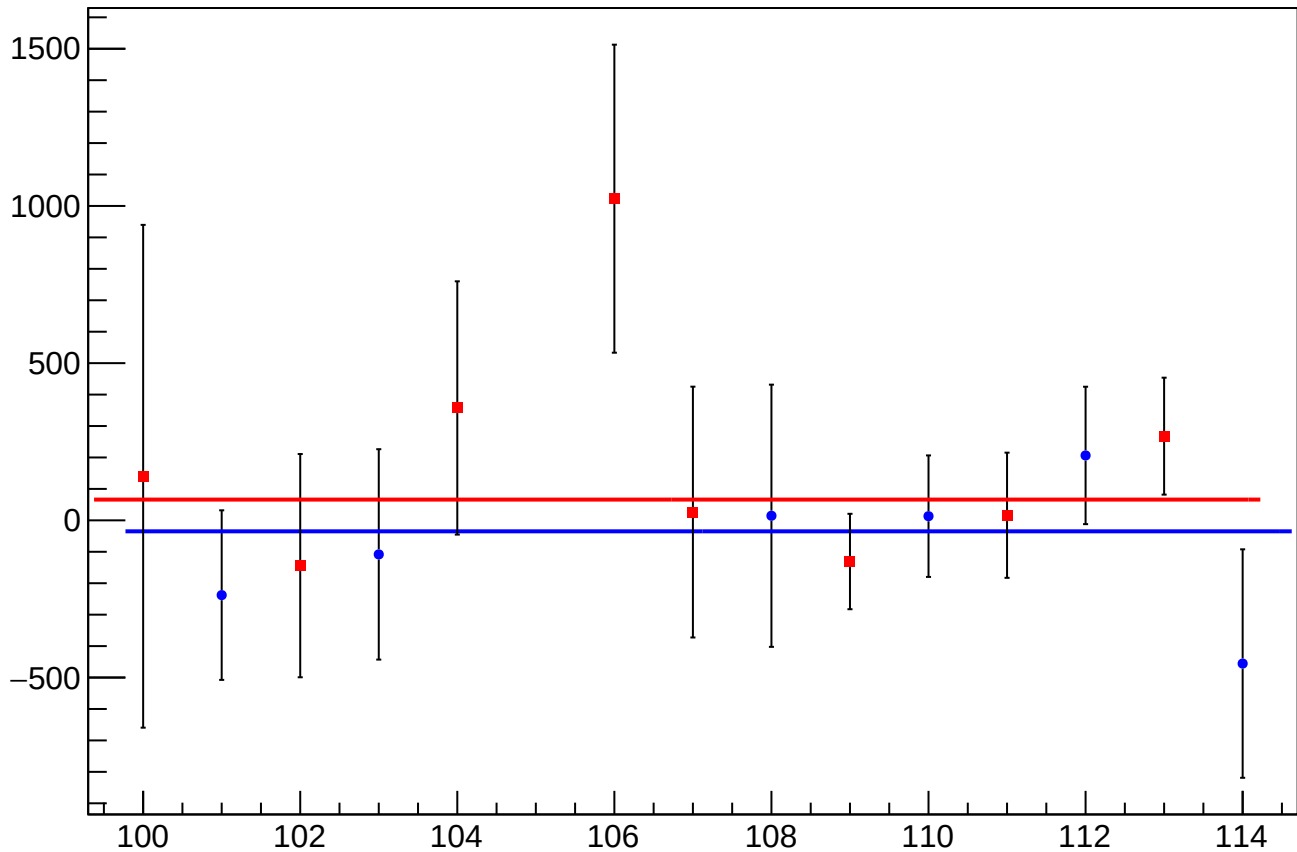
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.257+/-0.003 χ^2/NDF : 36216.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -34.923 ± 109.290 χ^2/NDF : 3.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.056 ± 89.914 χ^2/NDF : 7.6/7

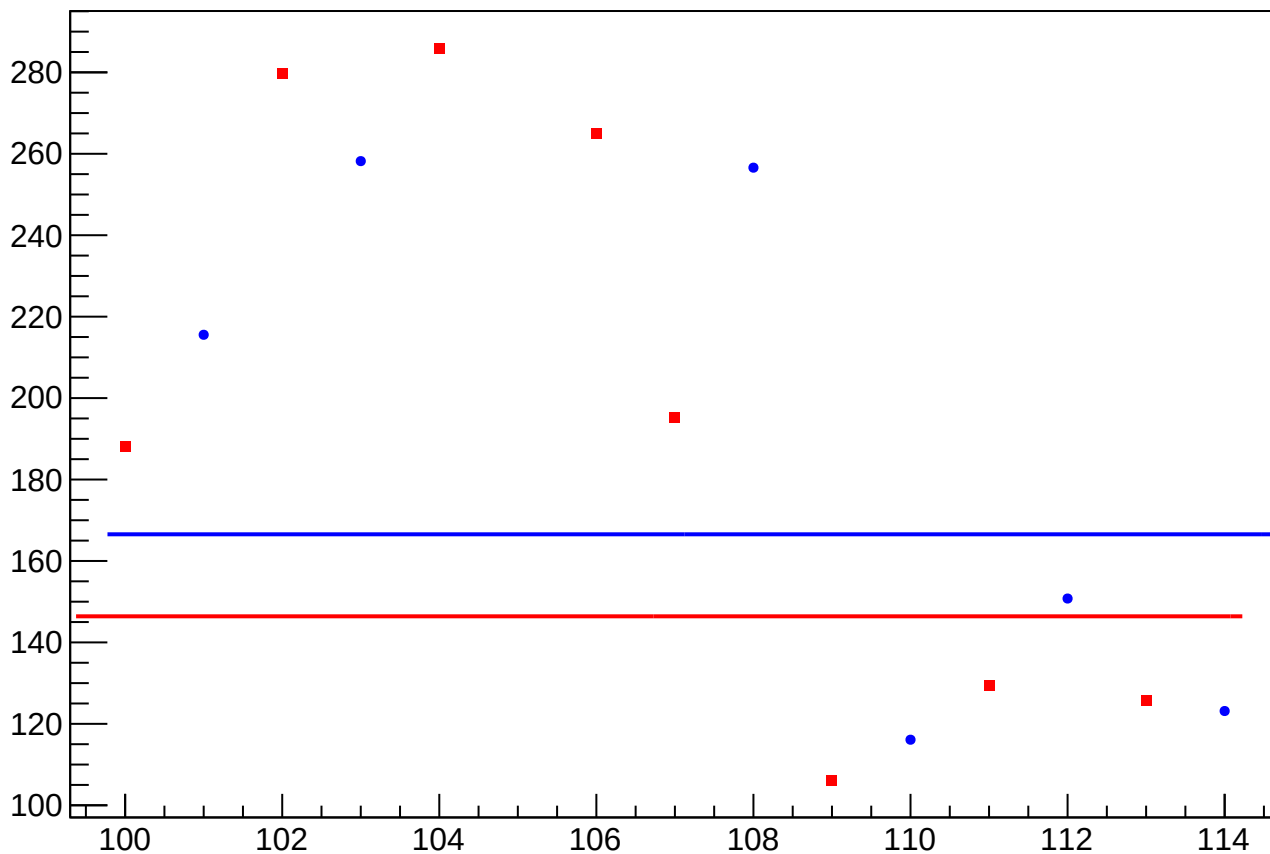
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 25.296 ± 69.435 χ^2/NDF : 11.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 166.549 $\pm$ 0.077 χ^2 /NDF: 484559.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.407 $\pm$ 0.064 χ^2 /NDF: 854143.4/7

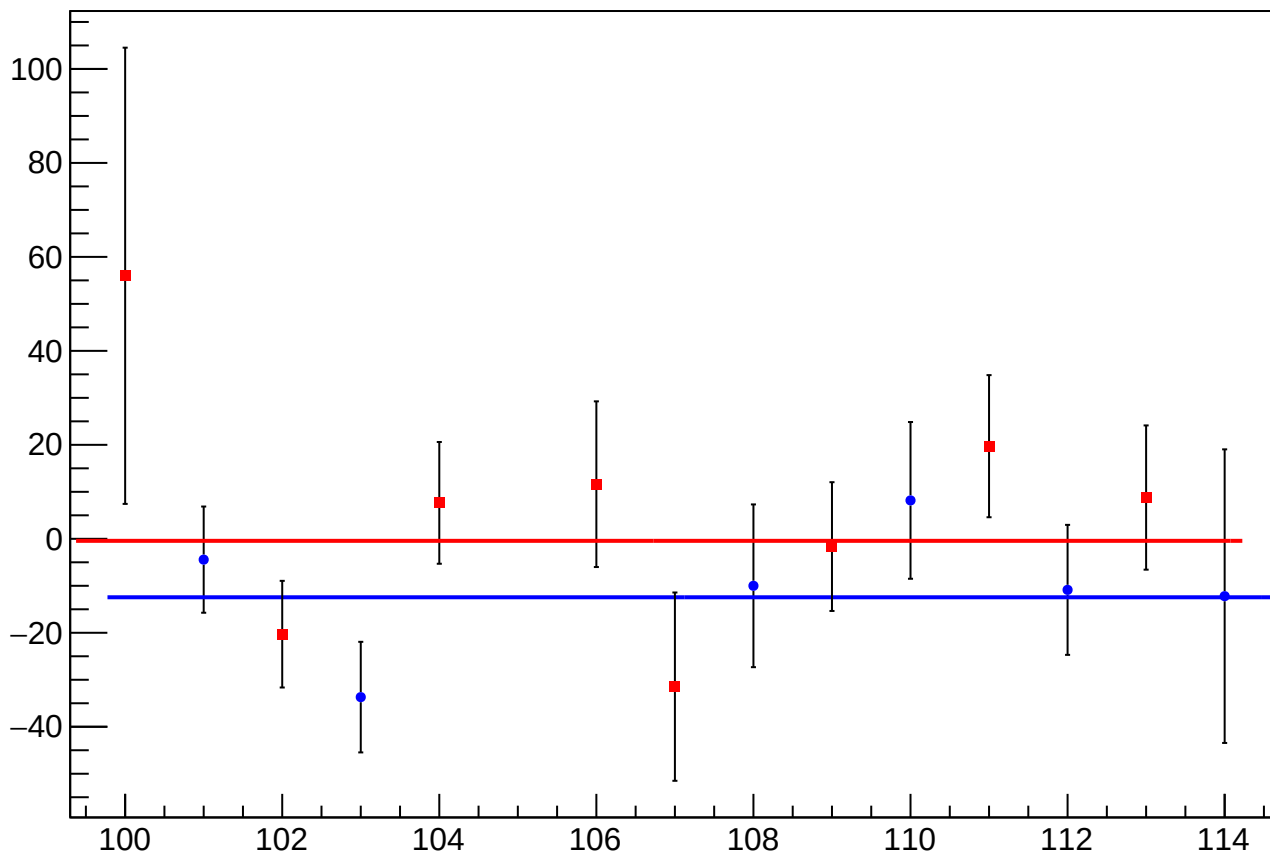
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.537 $\pm$ 0.049 χ^2 /NDF: 1379215.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -12.443 $\pm$ 5.952 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.431 $\pm$ 5.440 χ^2 /NDF: 9.8/7

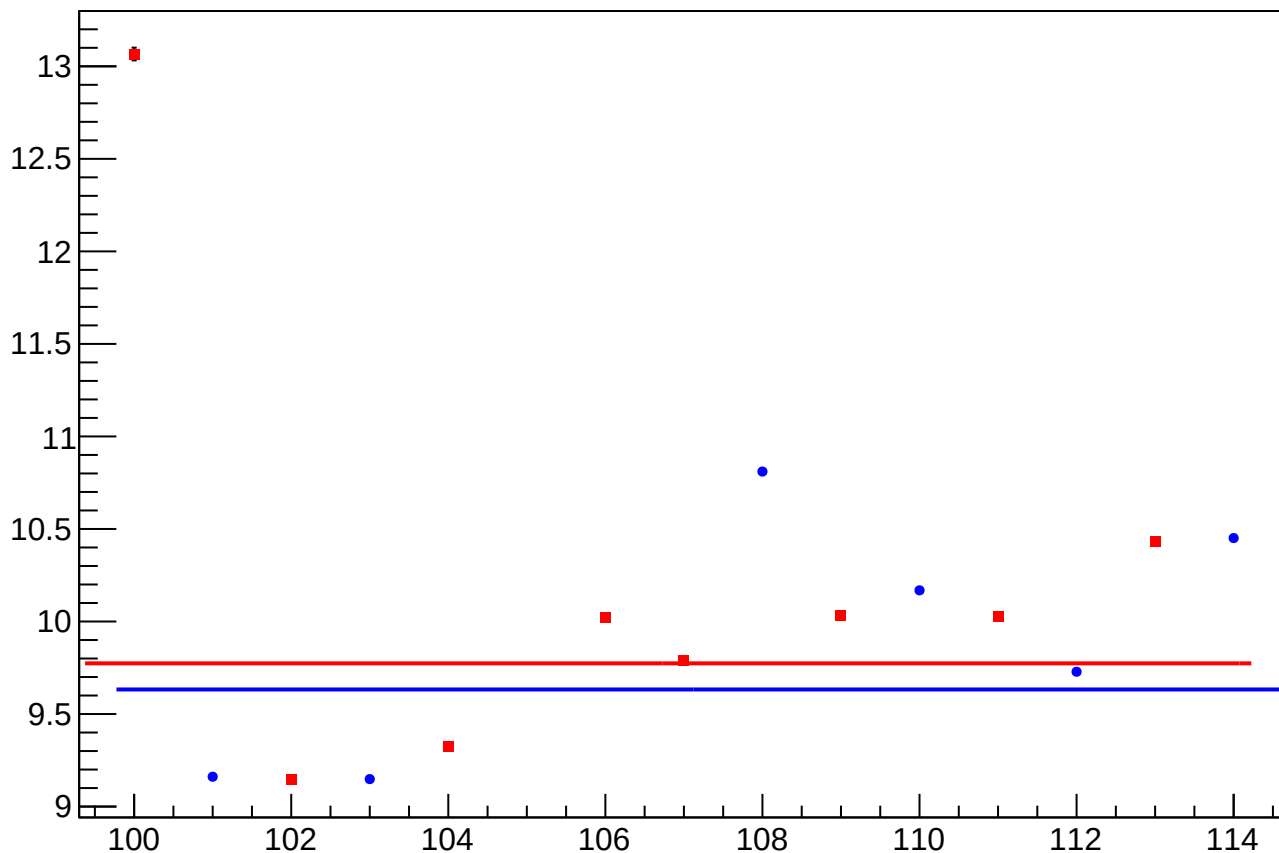
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.898 $\pm$ 4.015 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 9.633 $\pm$ 0.004 χ^2 /NDF: 19645.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.774 $\pm$ 0.004 χ^2 /NDF: 23054.8/7

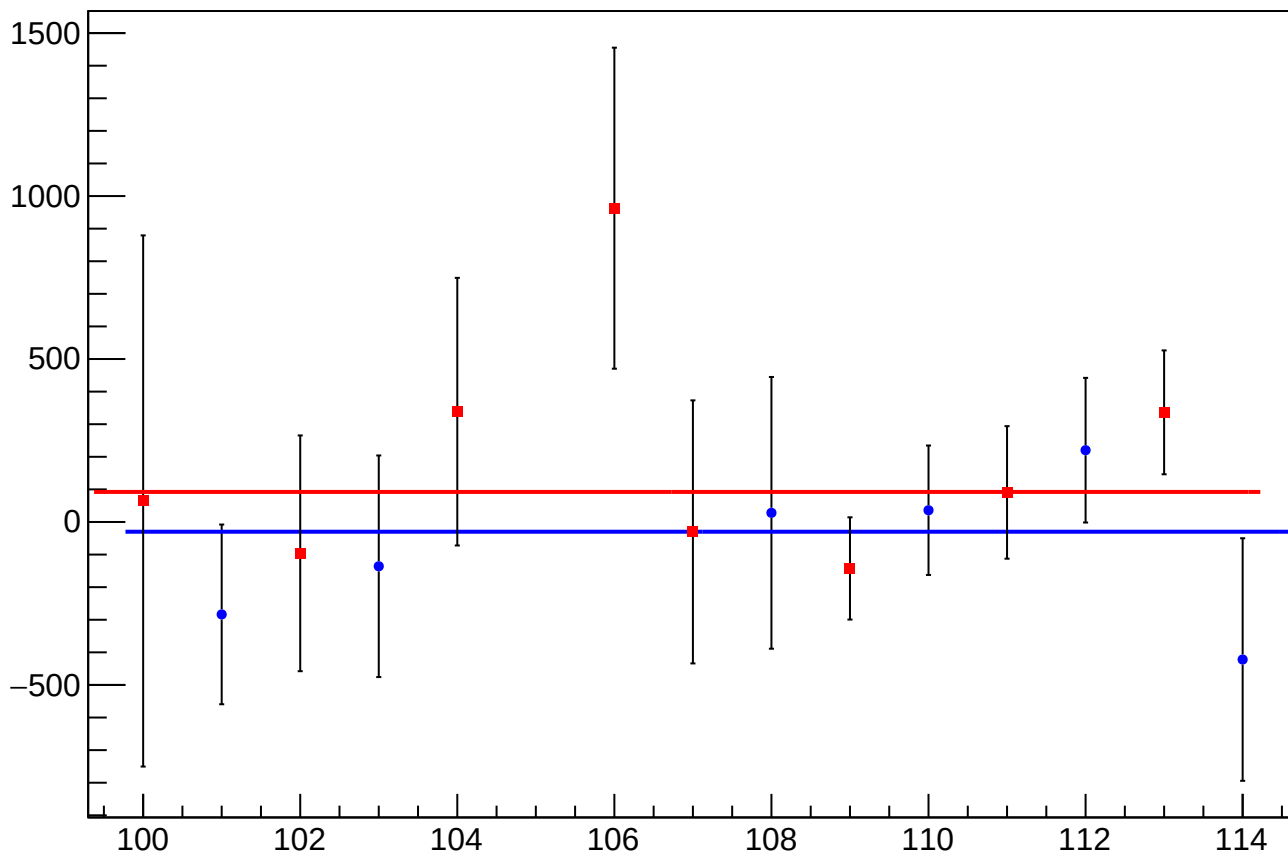
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.710 $\pm$ 0.003 χ^2 /NDF: 43313.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -29.906 ± 111.488 χ^2/NDF : 3.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 92.201 ± 92.111 χ^2/NDF : 7.7/7

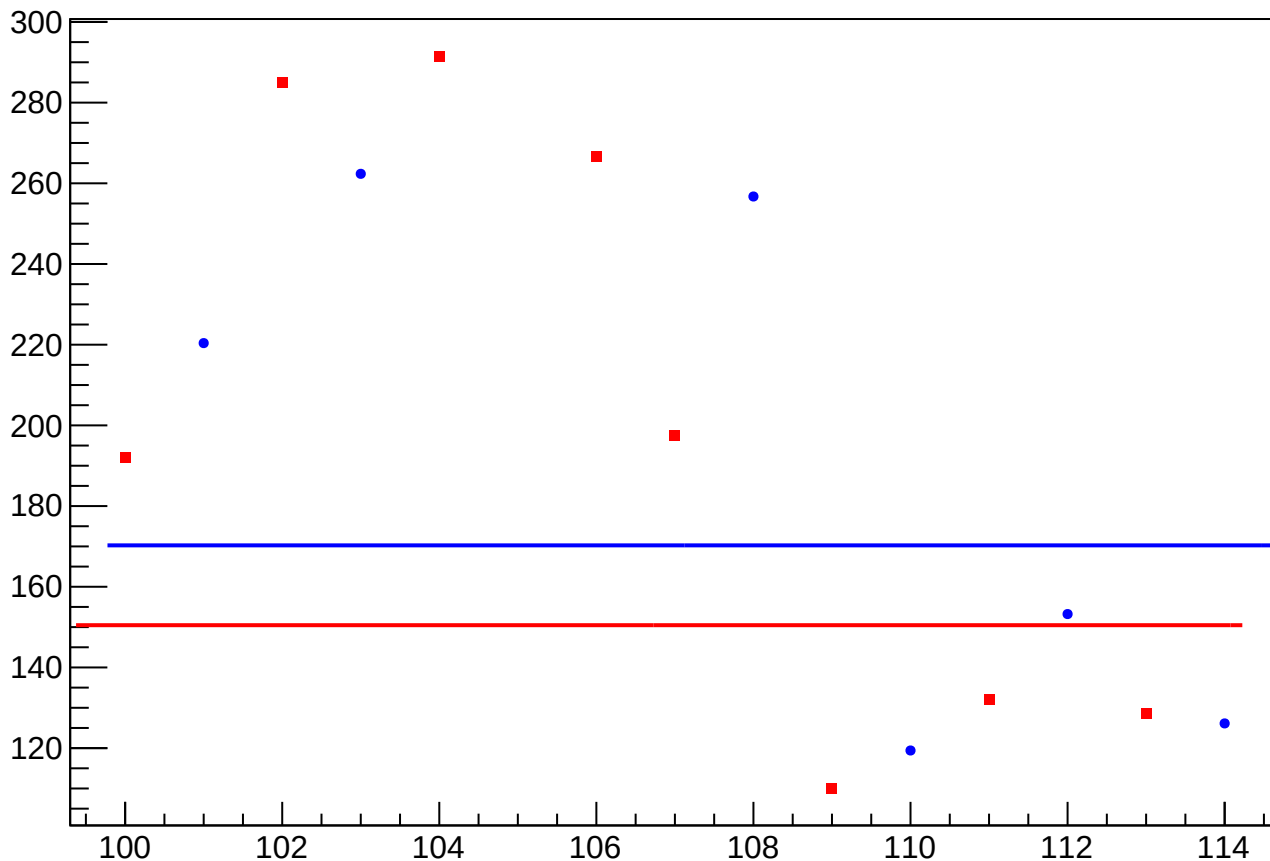
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 42.665 ± 71.010 χ^2/NDF : 11.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 170.261 $\pm$ 0.079 χ^2 /NDF: 469982.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.474 $\pm$ 0.065 χ^2 /NDF: 831242.7/7

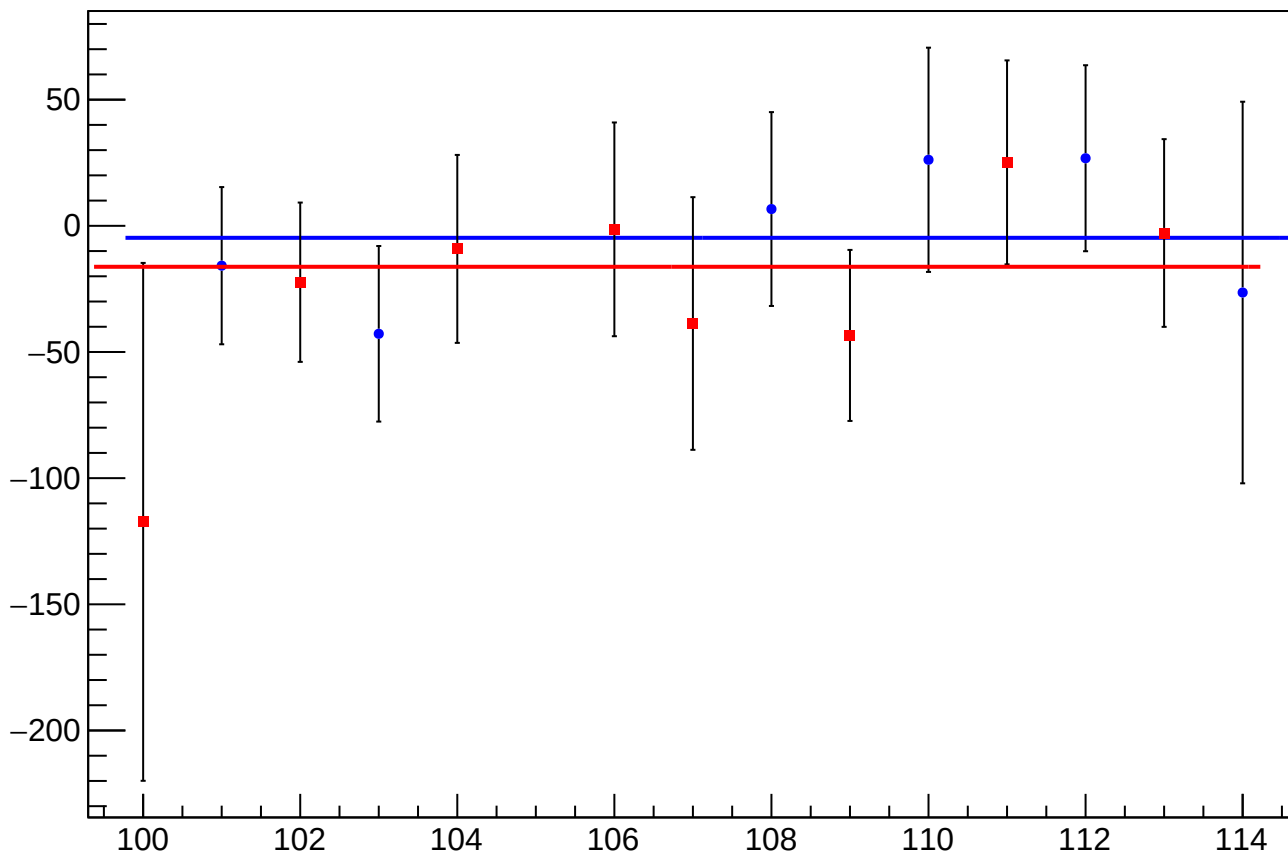
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.501 $\pm$ 0.050 χ^2 /NDF: 1338666.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: -4.750+/-15.907 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.231+/-14.168 χ^2/NDF : 3.2/7

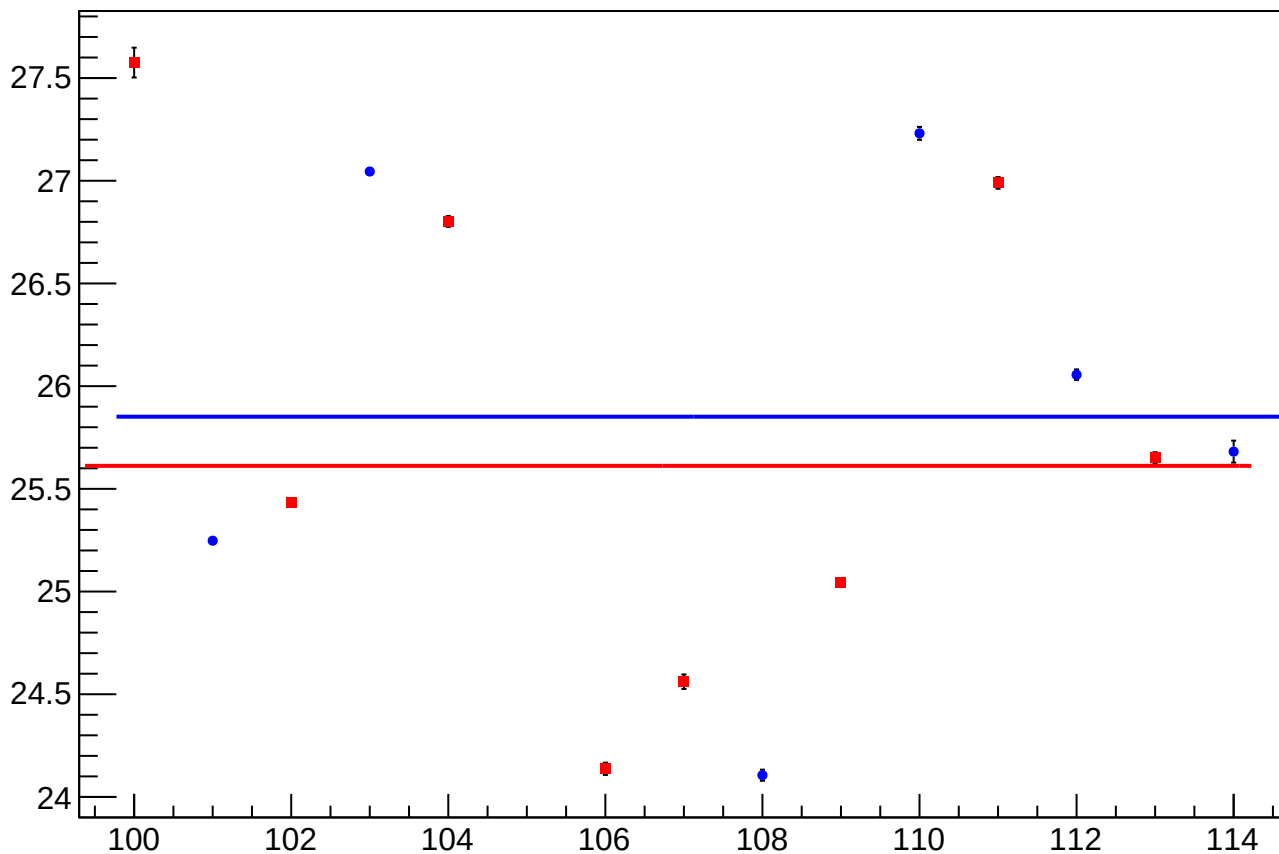
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.152+/-10.580 χ^2/NDF : 6.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.851+/-0.011 χ^2/NDF : 9234.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.612+/-0.010 χ^2/NDF : 9035.3/7

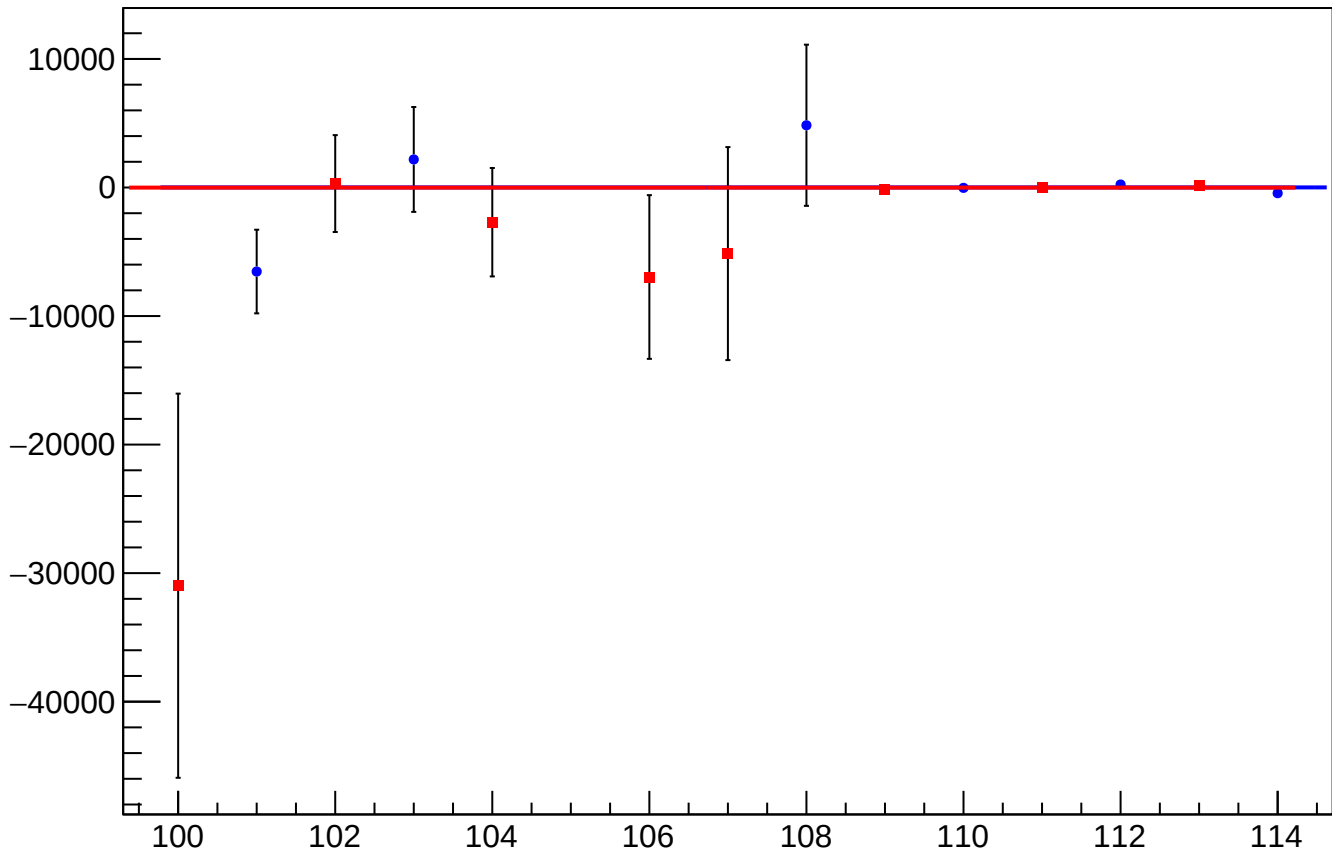
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.718+/-0.007 χ^2/NDF : 18522.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: 7.172 $\pm$ 134.108 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.868 $\pm$ 113.551 χ^2 /NDF: 7.6/7

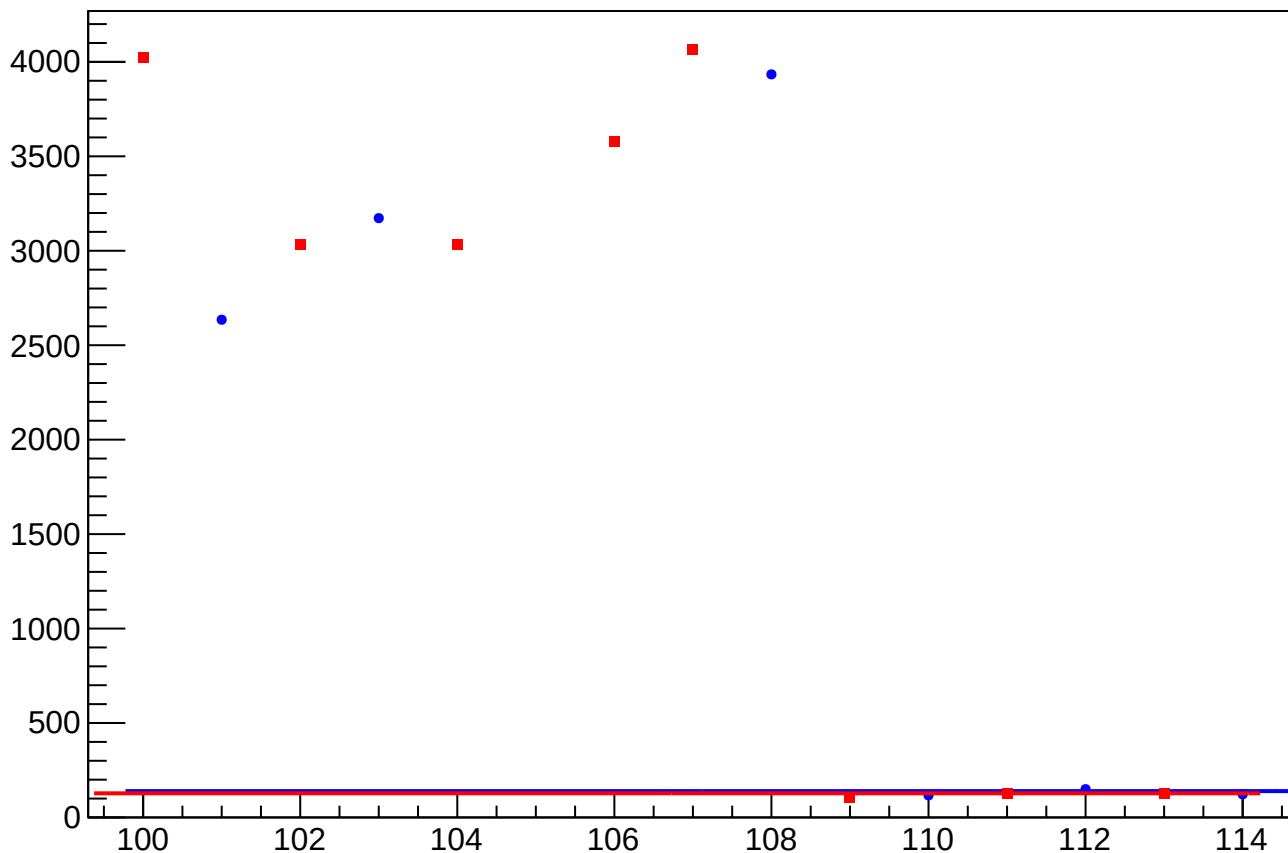
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.588 $\pm$ 86.659 χ^2 /NDF: 15.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 139.491 $\pm$ 0.095 χ^2 /NDF: 3051268.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.765 $\pm$ 0.080 χ^2 /NDF: 3335604.5/7

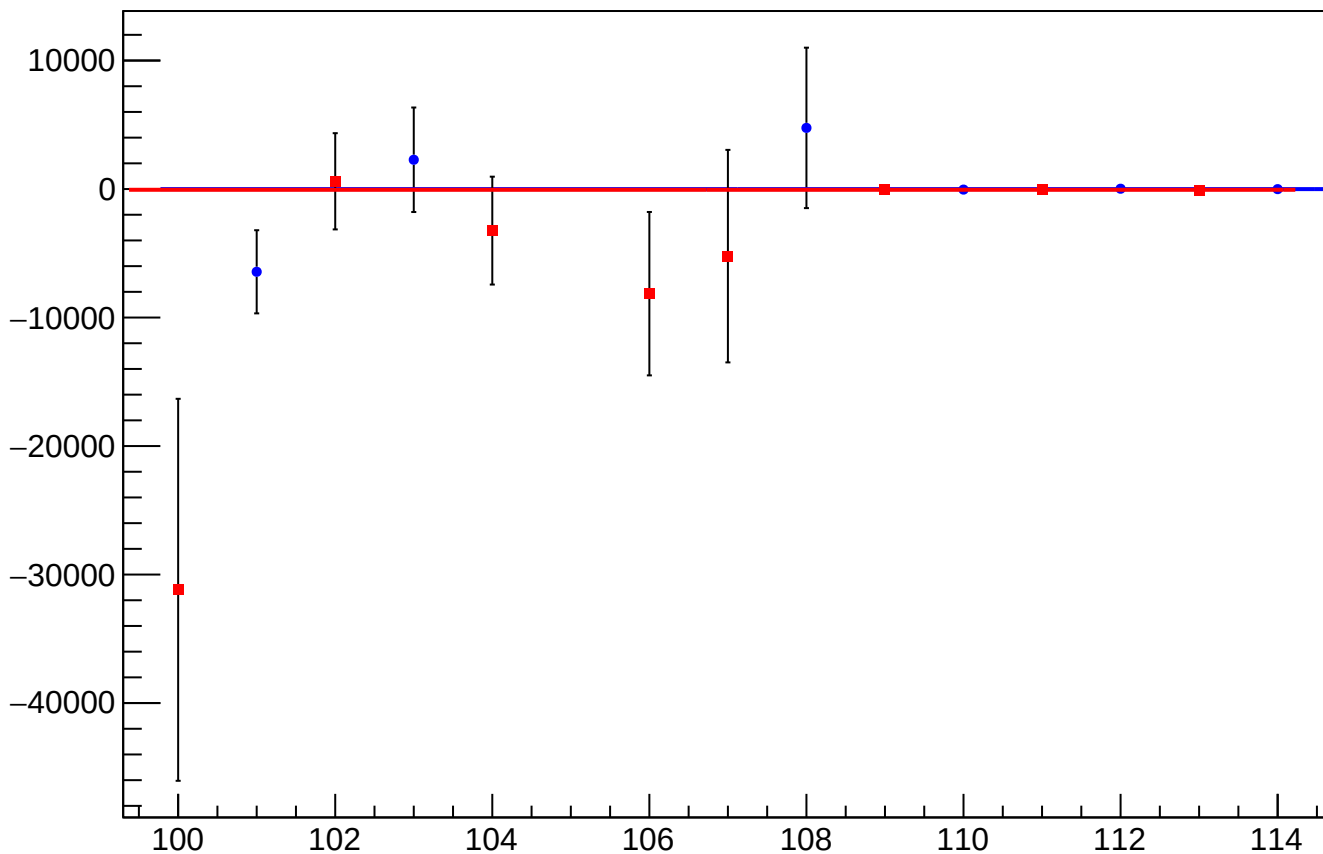
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.661 $\pm$ 0.061 χ^2 /NDF: 6395779.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: -5.096+/-26.820 χ^2/NDF : 6.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.599+/-24.530 χ^2/NDF : 9.8/7

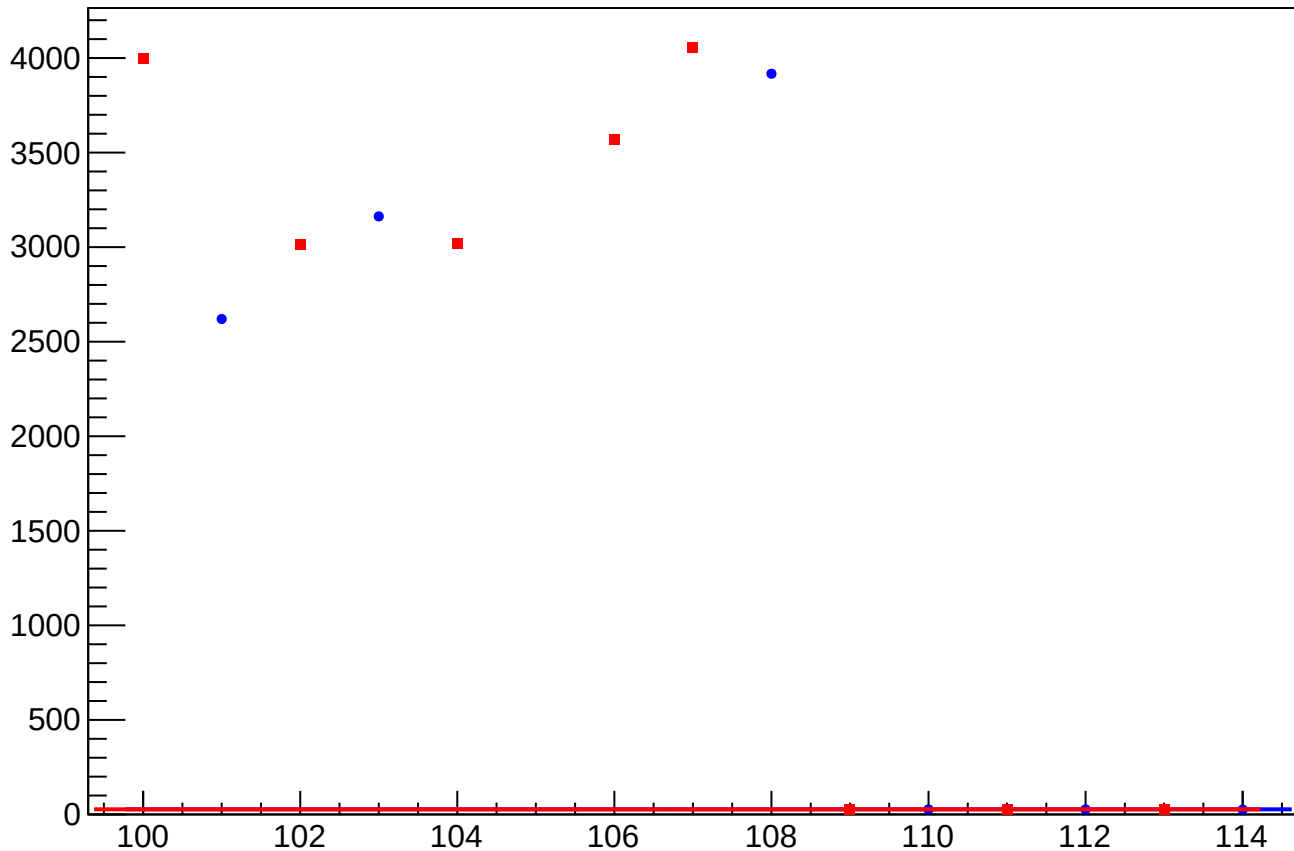
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.684+/-18.101 χ^2/NDF : 18.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.076+/-0.019 χ^2/NDF : 3251244.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.126+/-0.017 χ^2/NDF : 3531221.3/7

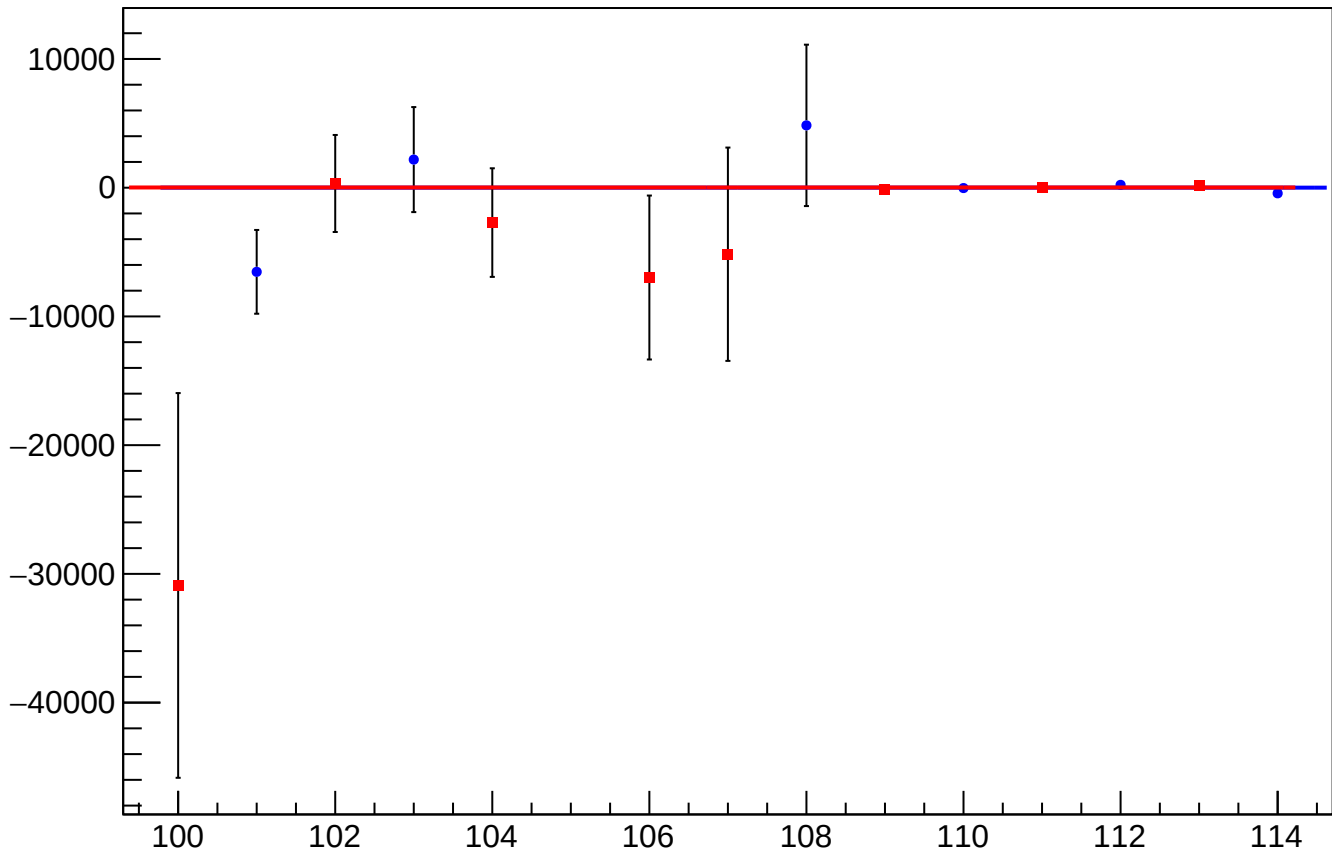
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.104+/-0.013 χ^2/NDF : 6782469.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: 3.957+/-135.157 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.300+/-114.535 χ^2/NDF : 8.0/7

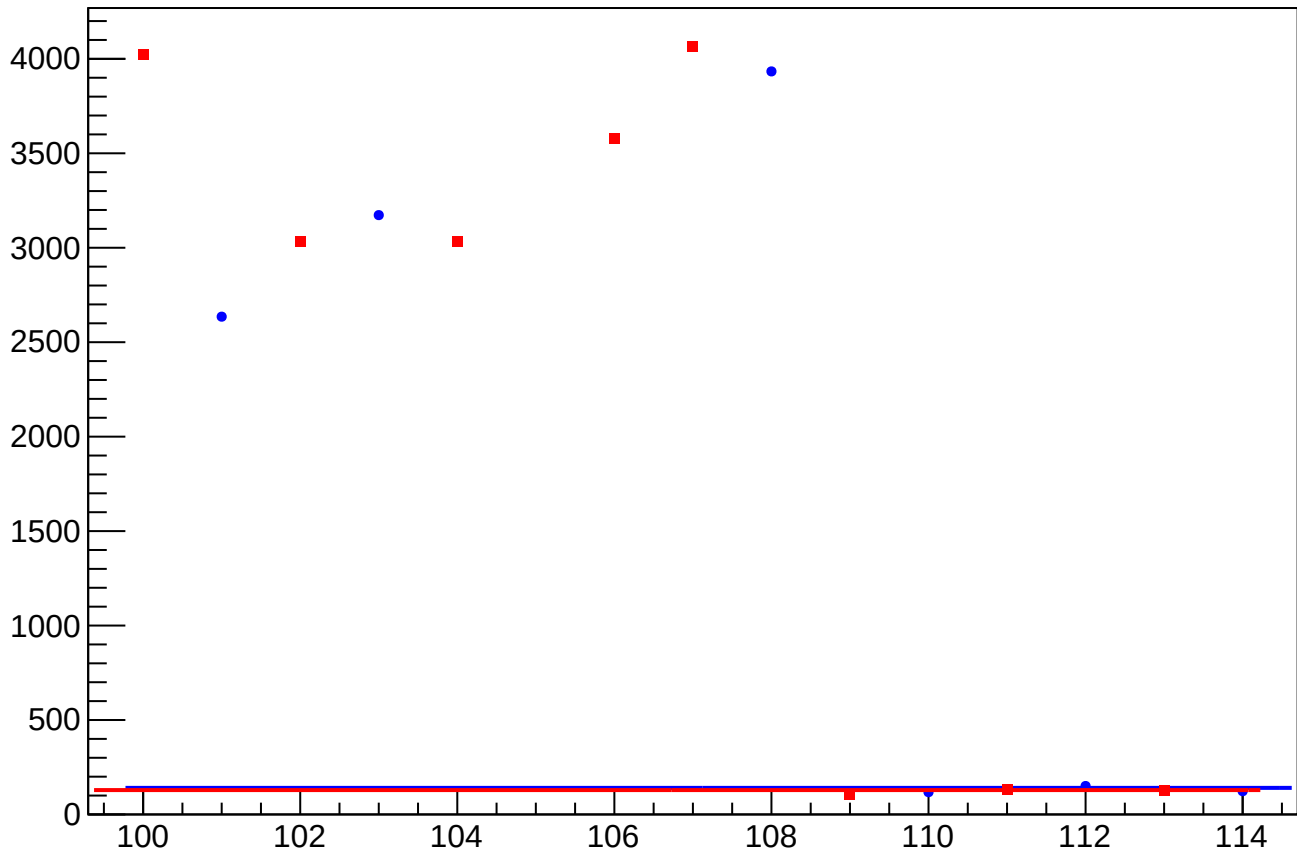
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.723+/-87.380 χ^2/NDF : 15.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 140.732 $\pm$ 0.096 χ^2 /NDF: 3047668.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.032 $\pm$ 0.081 χ^2 /NDF: 3332204.2/7

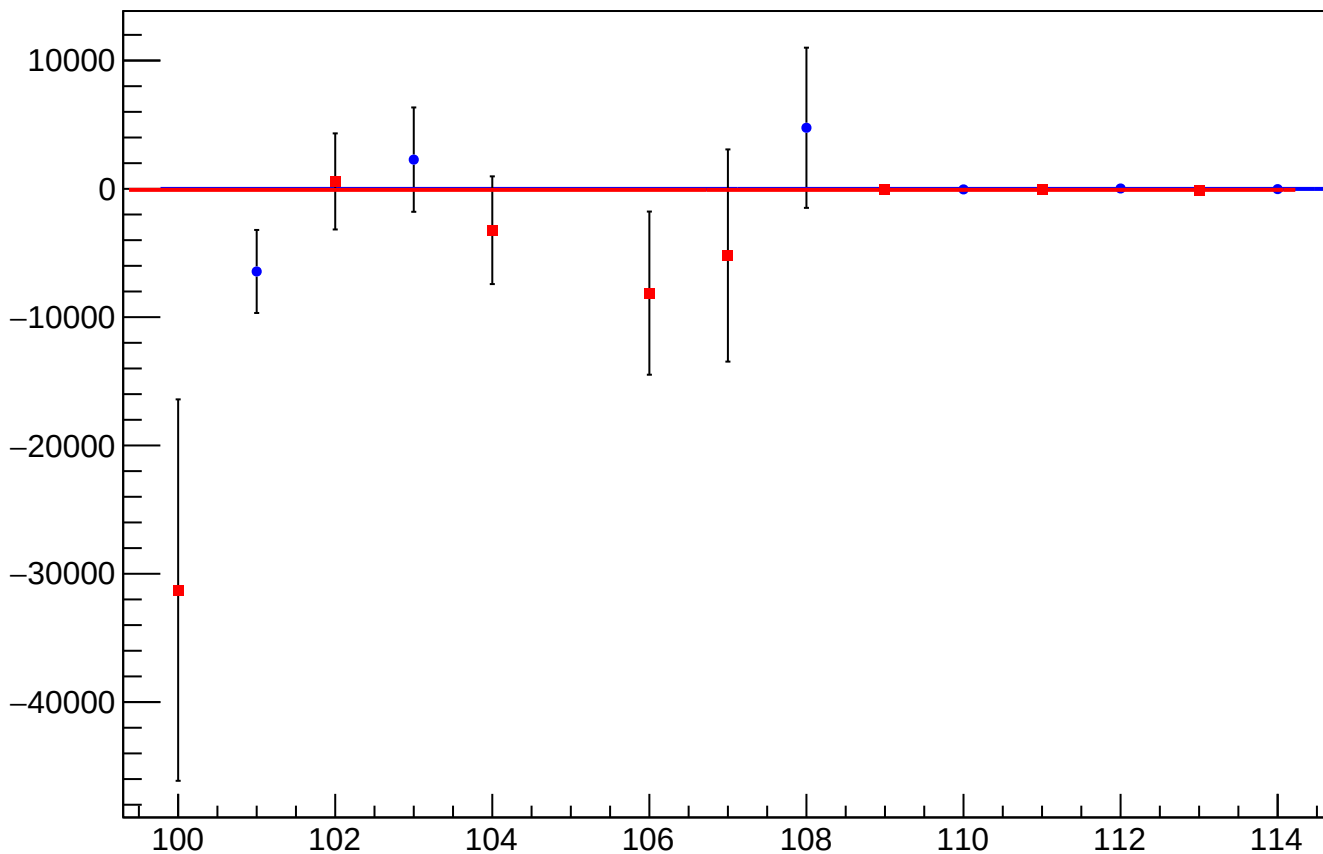
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.922 $\pm$ 0.062 χ^2 /NDF: 6388595.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: -5.654+/-31.417 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.958+/-28.510 χ^2/NDF : 10.1/7

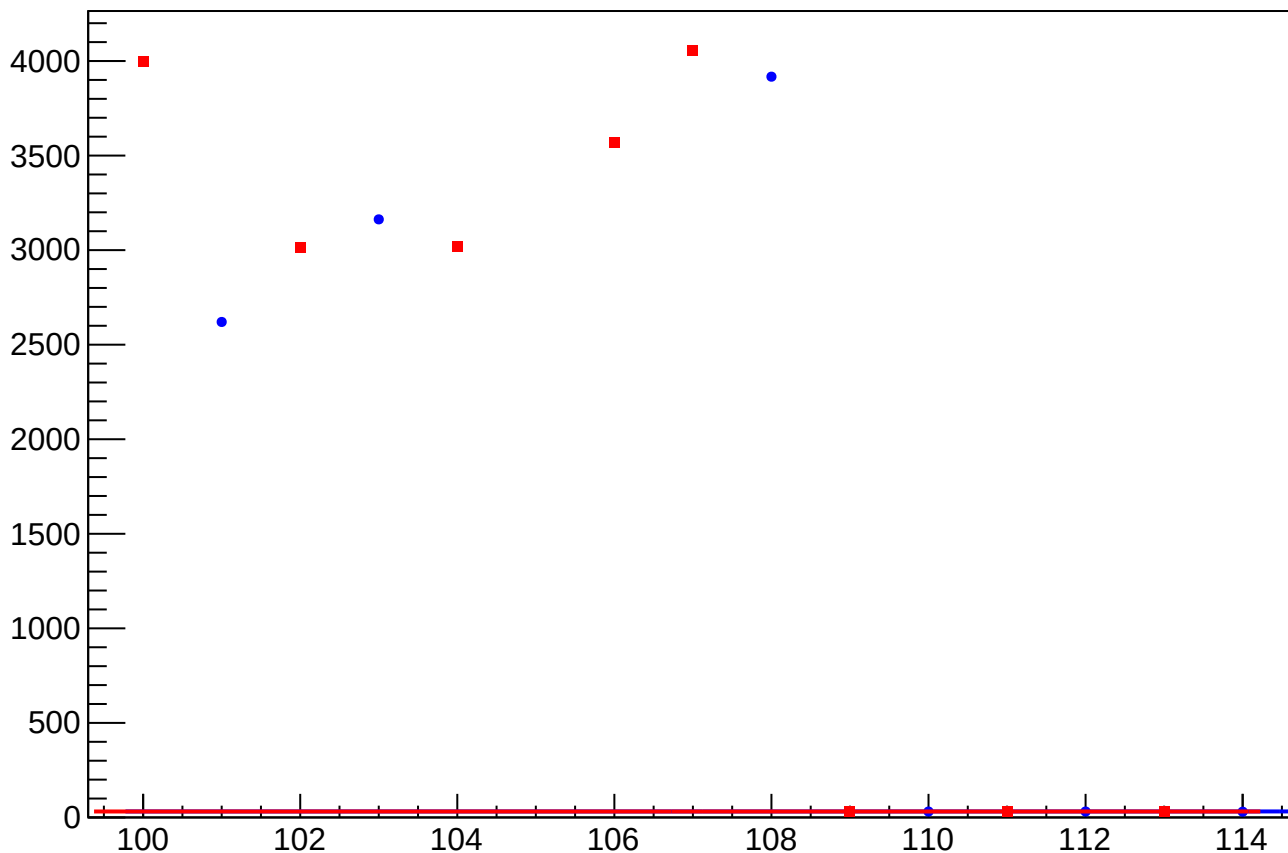
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.401+/-21.113 χ^2/NDF : 19.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 31.812 $\pm$ 0.022 χ^2 /NDF: 3241130.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.606 $\pm$ 0.020 χ^2 /NDF: 3521659.2/7

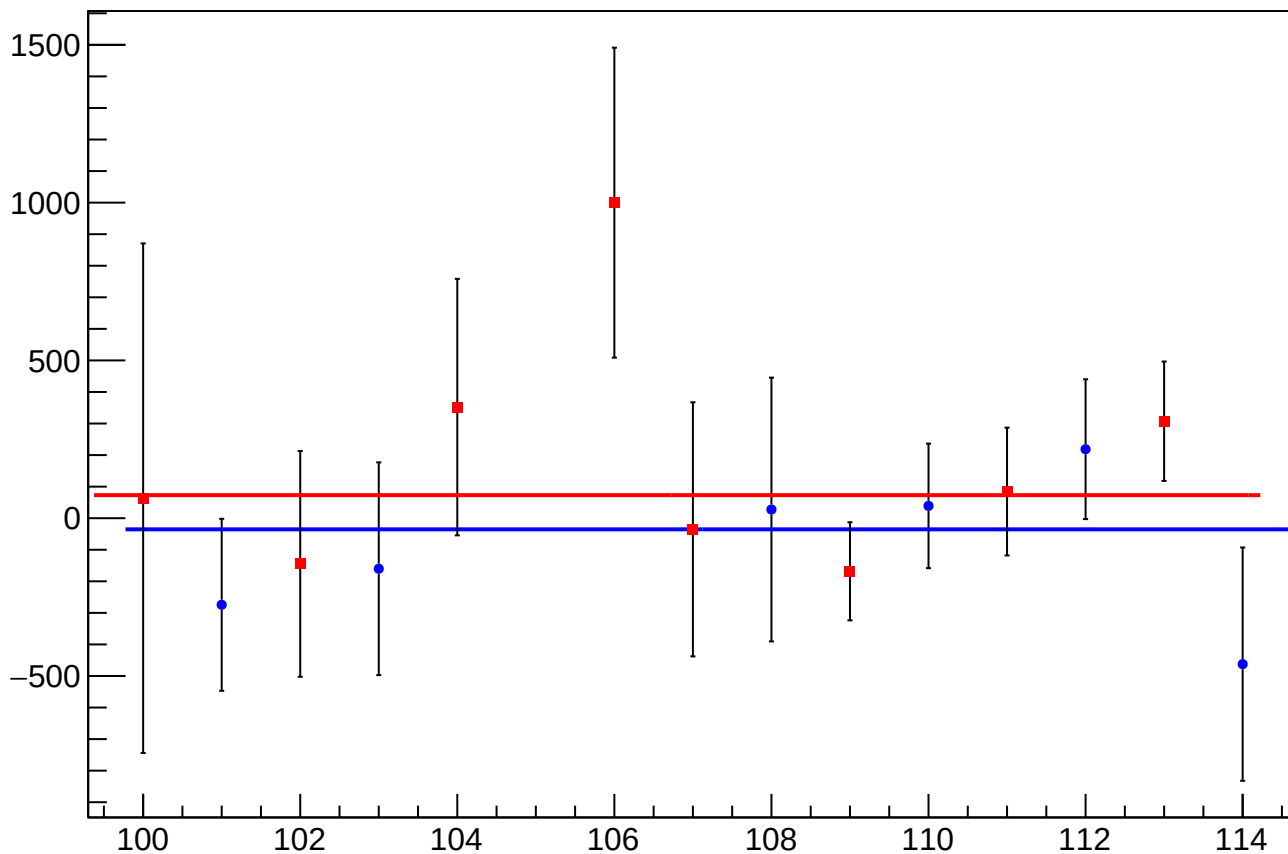
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.699 $\pm$ 0.015 χ^2 /NDF: 6762837.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -35.291 ± 110.875 χ^2/NDF : 3.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.973 ± 91.519 χ^2/NDF : 8.4/7

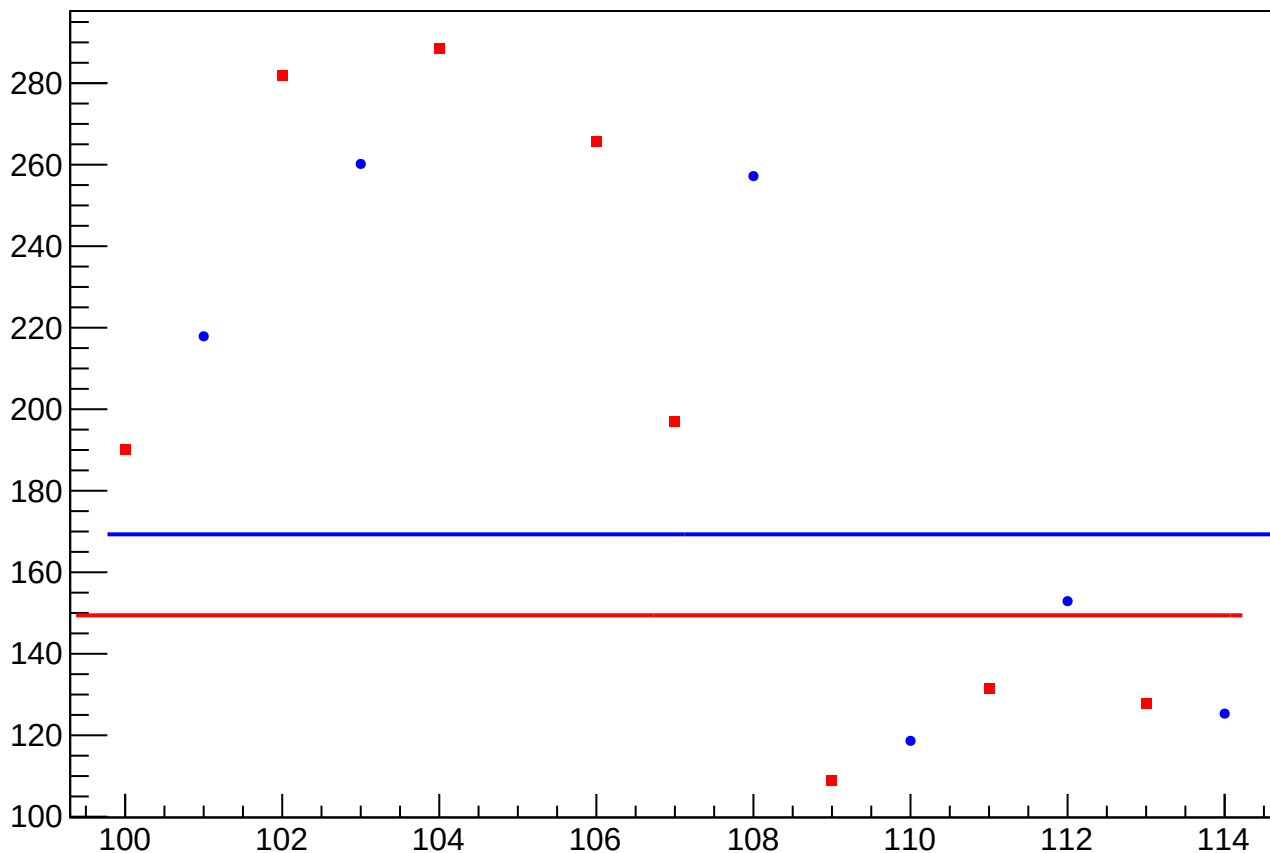
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.101 ± 70.580 χ^2/NDF : 12.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 169.307+/-0.078 χ^2/NDF : 468369.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.447+/-0.065 χ^2/NDF : 829649.7/7

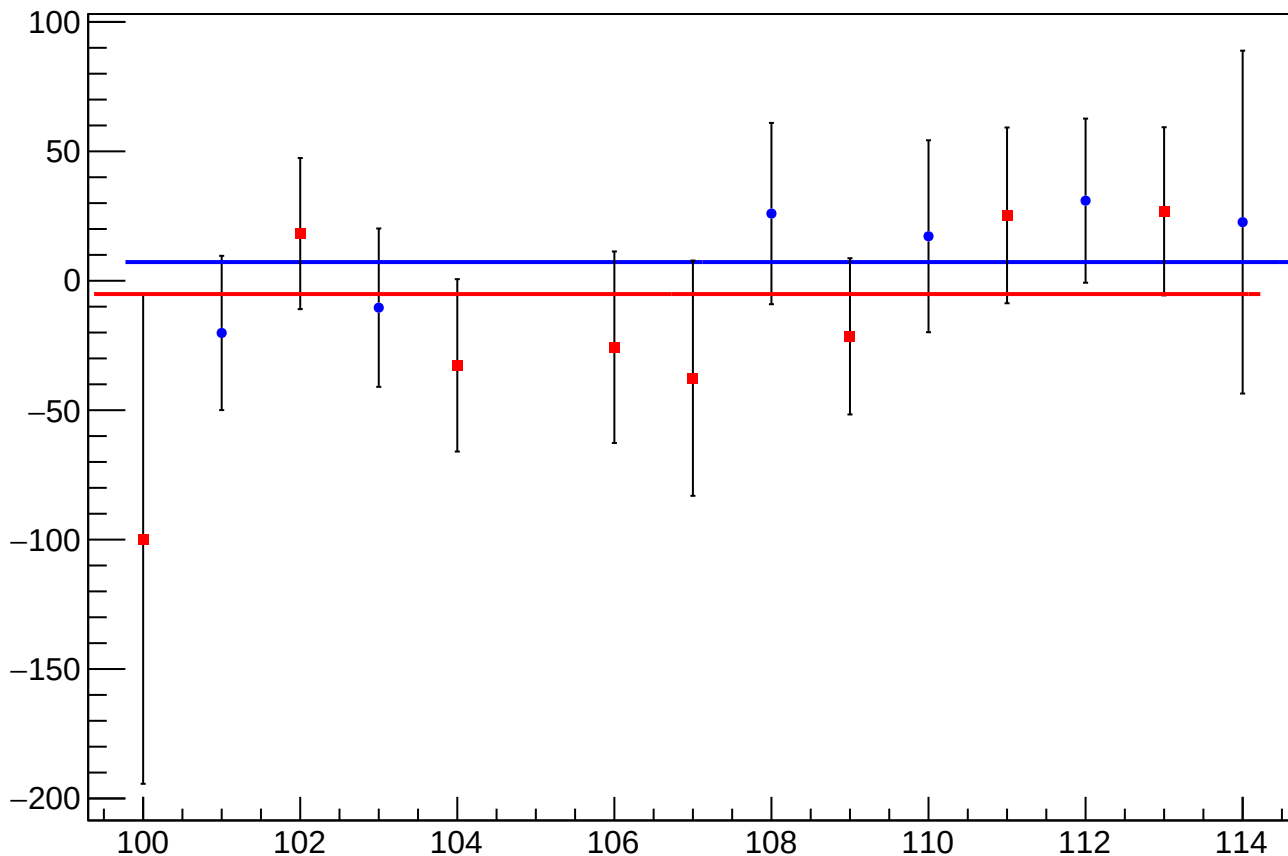
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.495+/-0.050 χ^2/NDF : 1336184.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: 7.221 $\pm$ 14.199 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.134 $\pm$ 12.584 χ^2 /NDF: 5.2/7

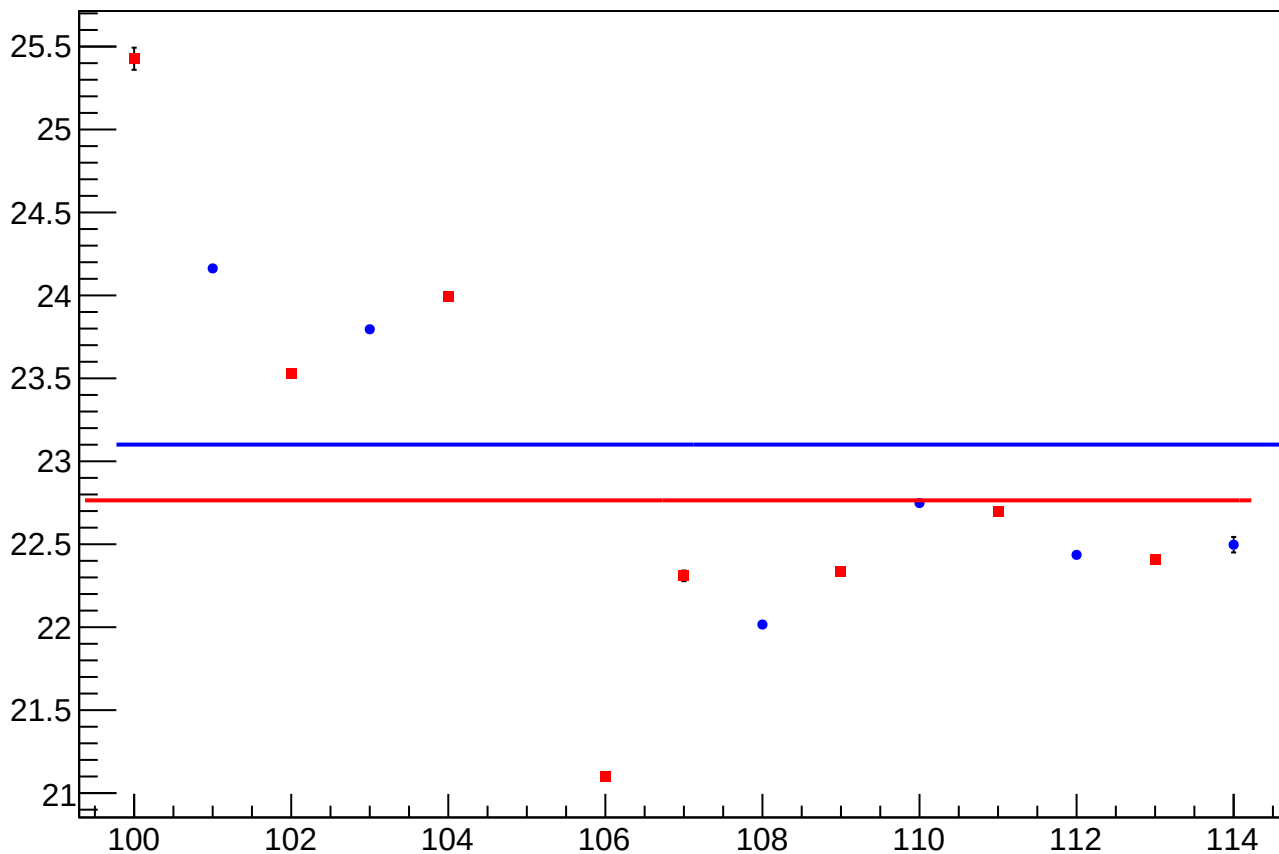
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.301 $\pm$ 9.418 χ^2 /NDF: 7.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 23.101+/-0.010 χ^2/NDF : 6716.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.765+/-0.009 χ^2/NDF : 10582.6/7

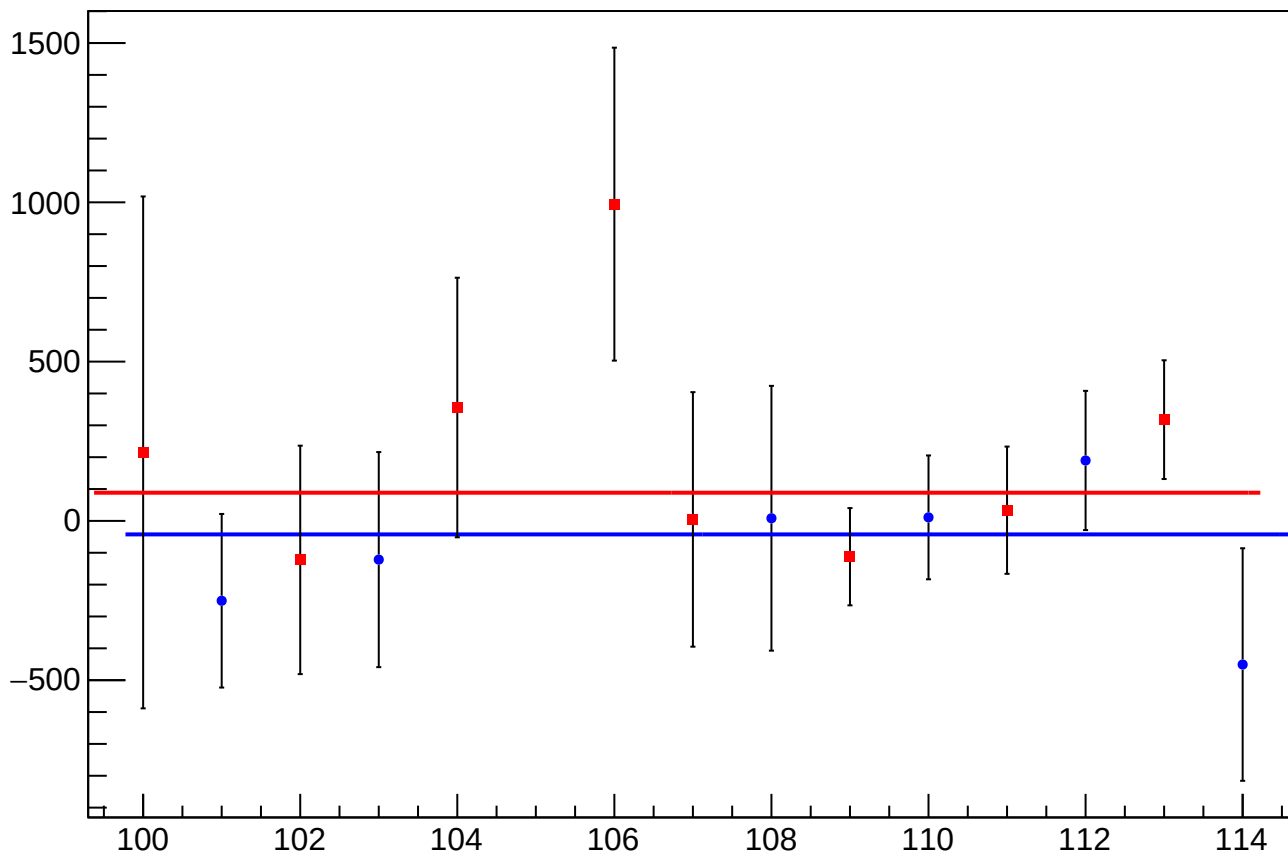
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.912+/-0.007 χ^2/NDF : 17927.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -42.353 ± 109.791 χ^2/NDF : 3.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 88.493 ± 90.338 χ^2/NDF : 7.6/7

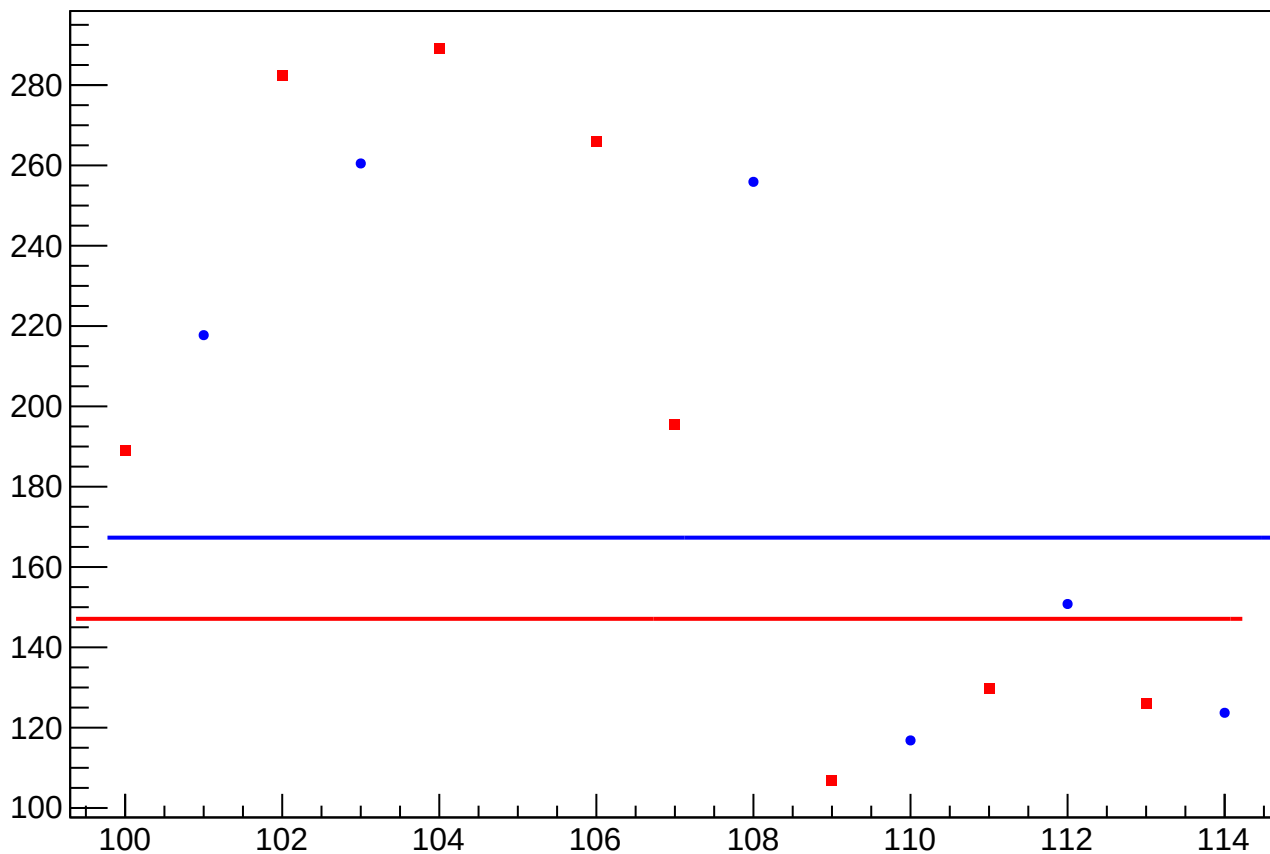
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 35.670 ± 69.759 χ^2/NDF : 11.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 167.315+/-0.078 χ^2/NDF : 486697.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.100+/-0.064 χ^2/NDF : 858961.7/7

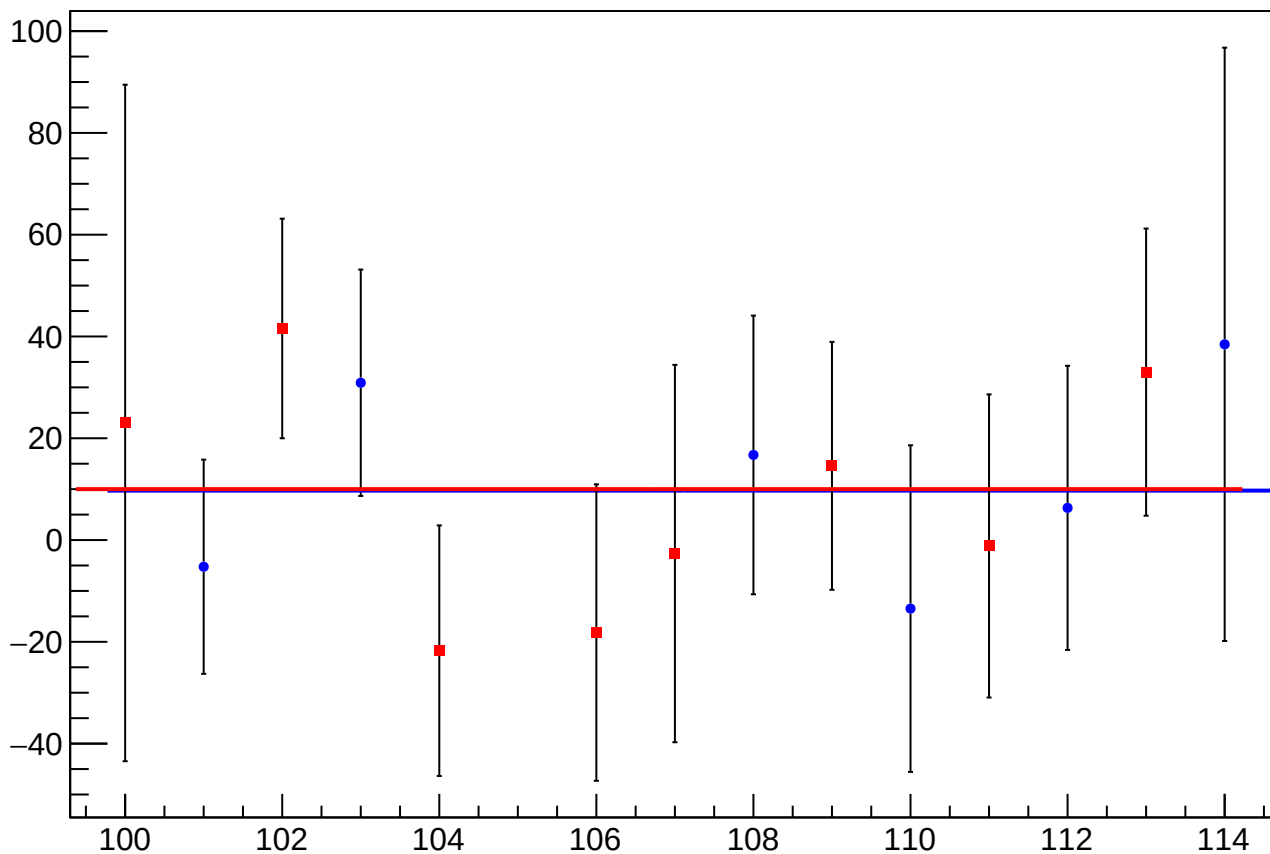
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.261+/-0.049 χ^2/NDF : 1386088.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 9.714 $\pm$ 11.069 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.002 $\pm$ 9.999 χ^2 /NDF: 5.7/7

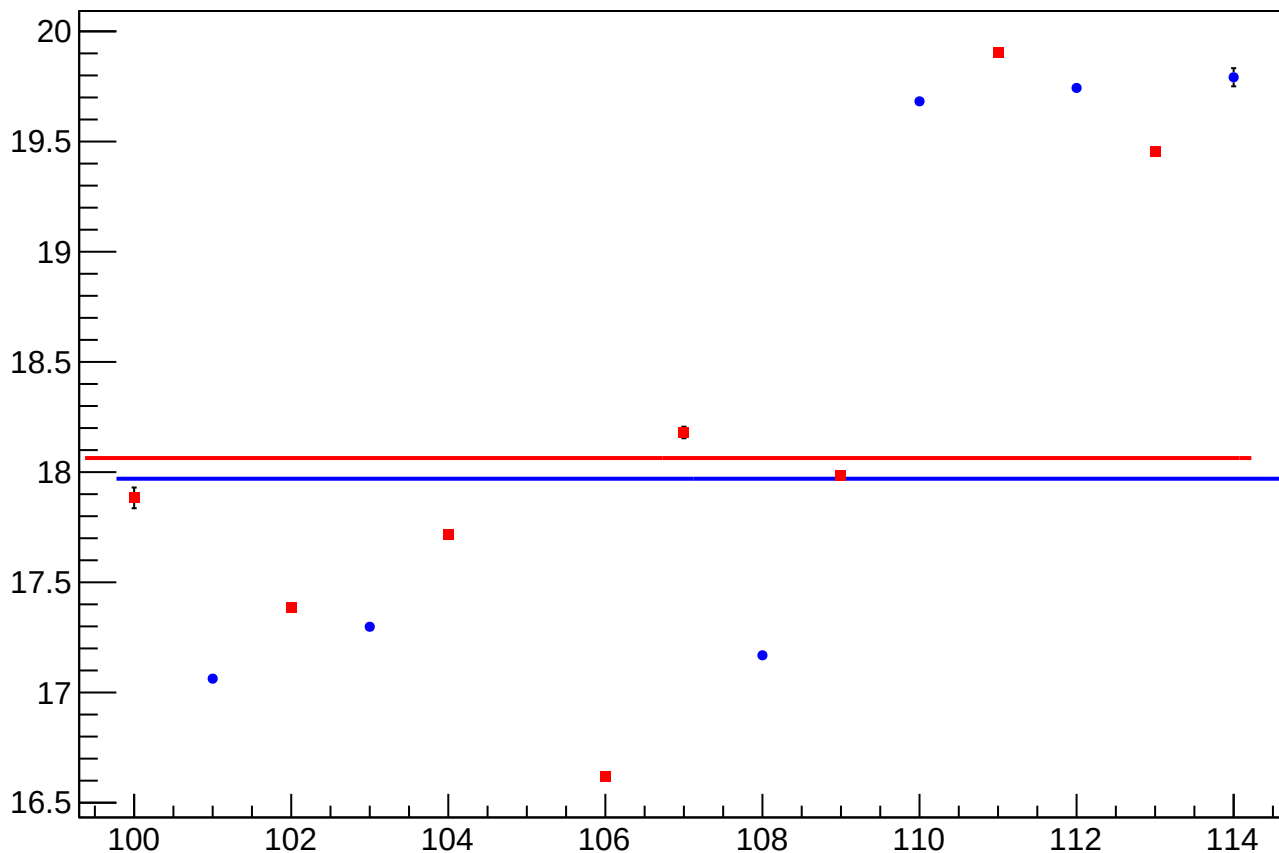
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.873 $\pm$ 7.420 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.970+/-0.008 χ^2/NDF : 22971.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.064+/-0.007 χ^2/NDF : 19861.9/7

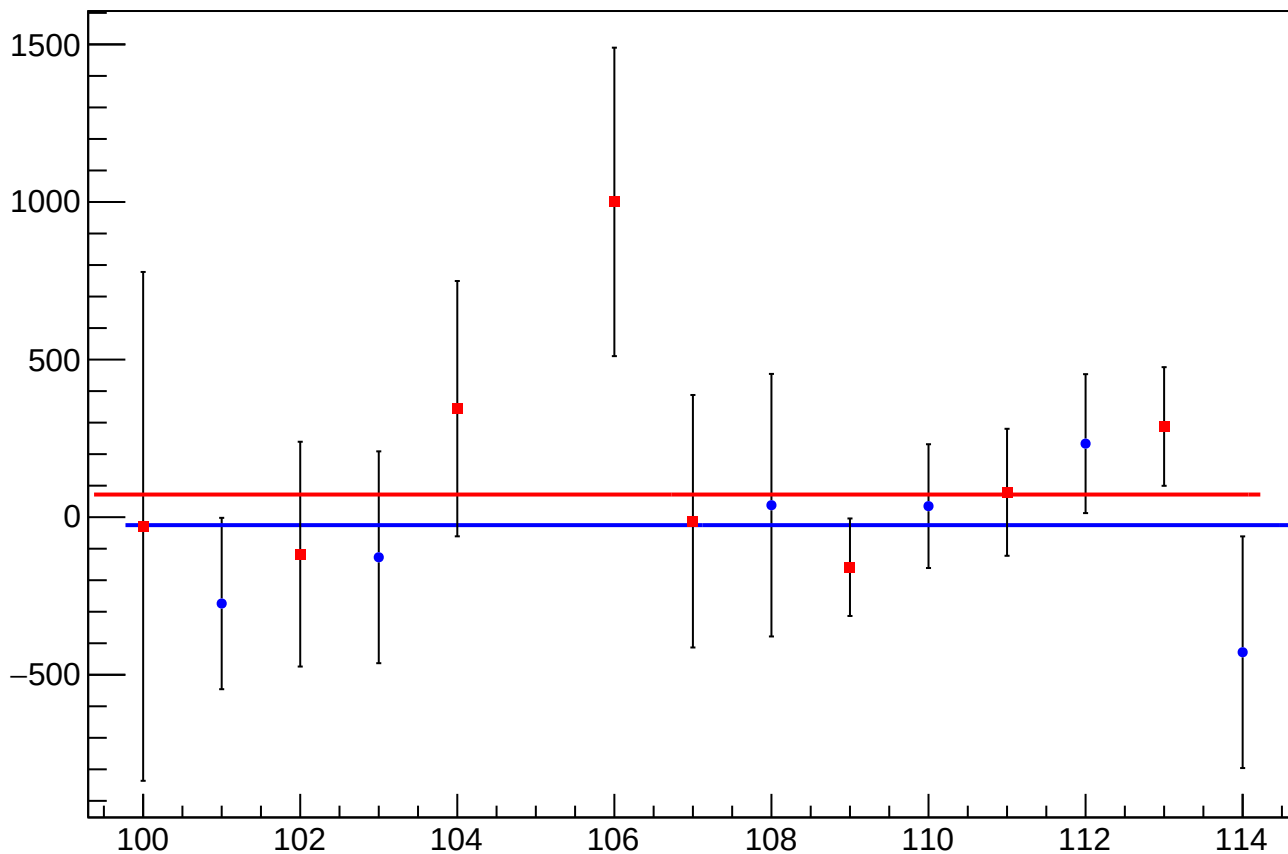
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.022+/-0.005 χ^2/NDF : 42912.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -25.246 ± 110.380 χ^2/NDF : 3.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.855 ± 91.072 χ^2/NDF : 7.9/7

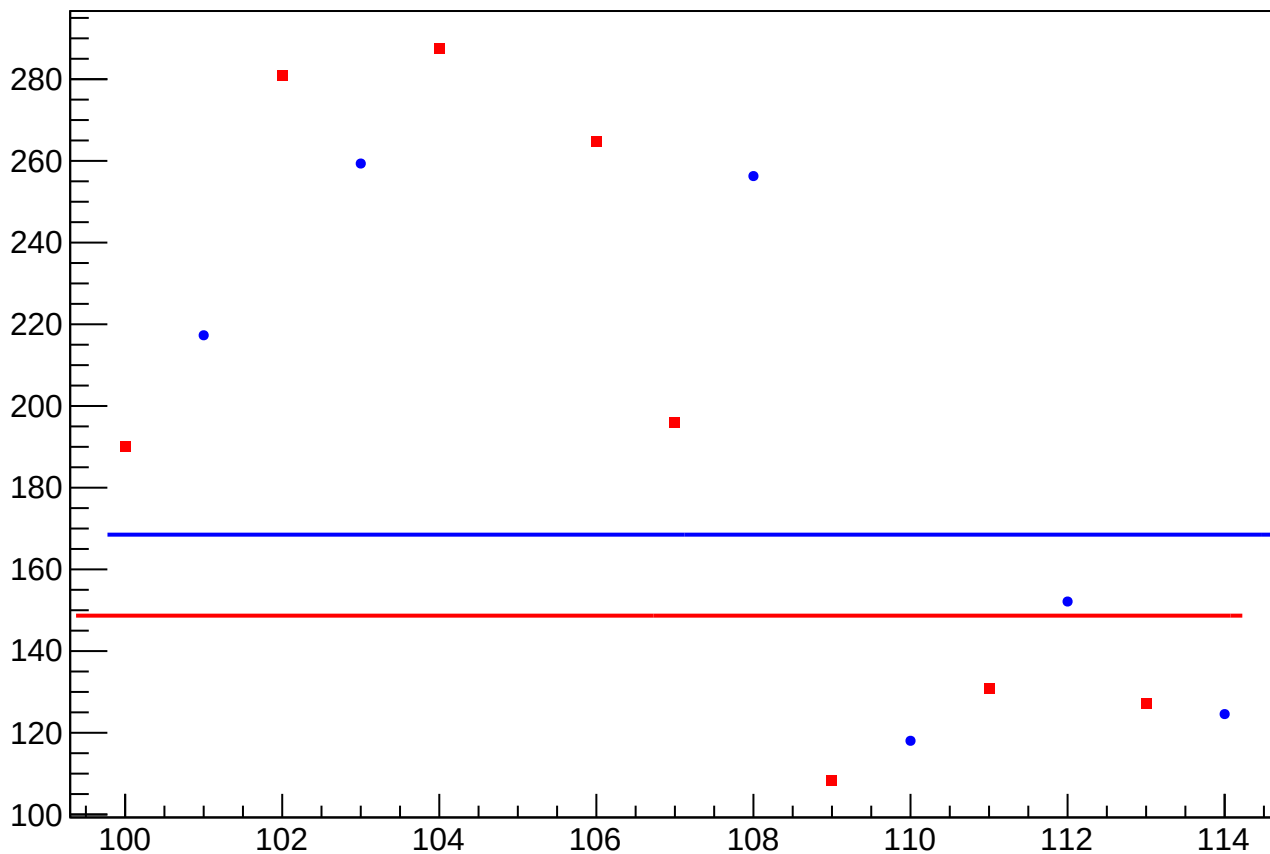
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.526 ± 70.248 χ^2/NDF : 12.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 168.502 $\pm$ 0.078 χ^2 /NDF: 471180.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.675 $\pm$ 0.064 χ^2 /NDF: 832666.8/7

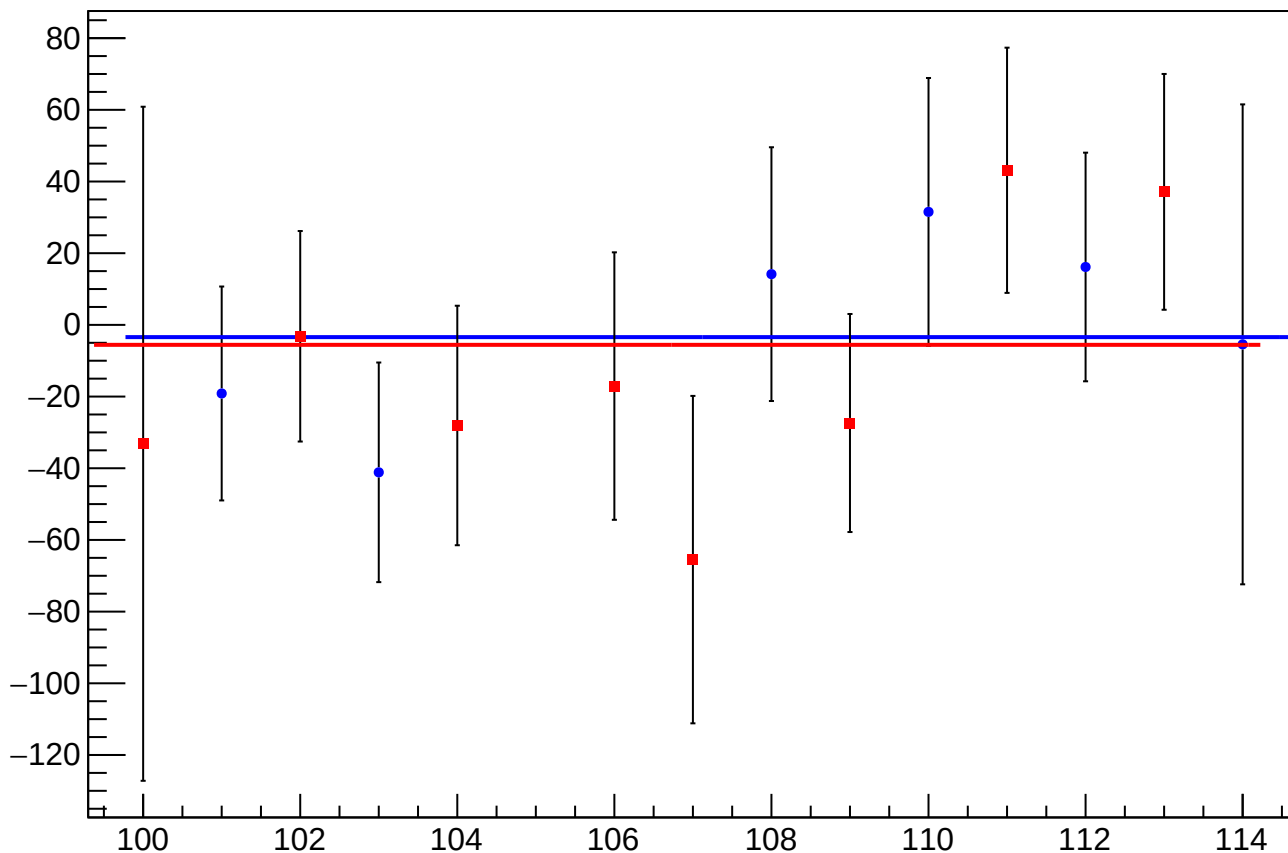
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.706 $\pm$ 0.050 χ^2 /NDF: 1342242.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: -3.414+/-14.273 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.568+/-12.674 χ^2/NDF : 6.6/7

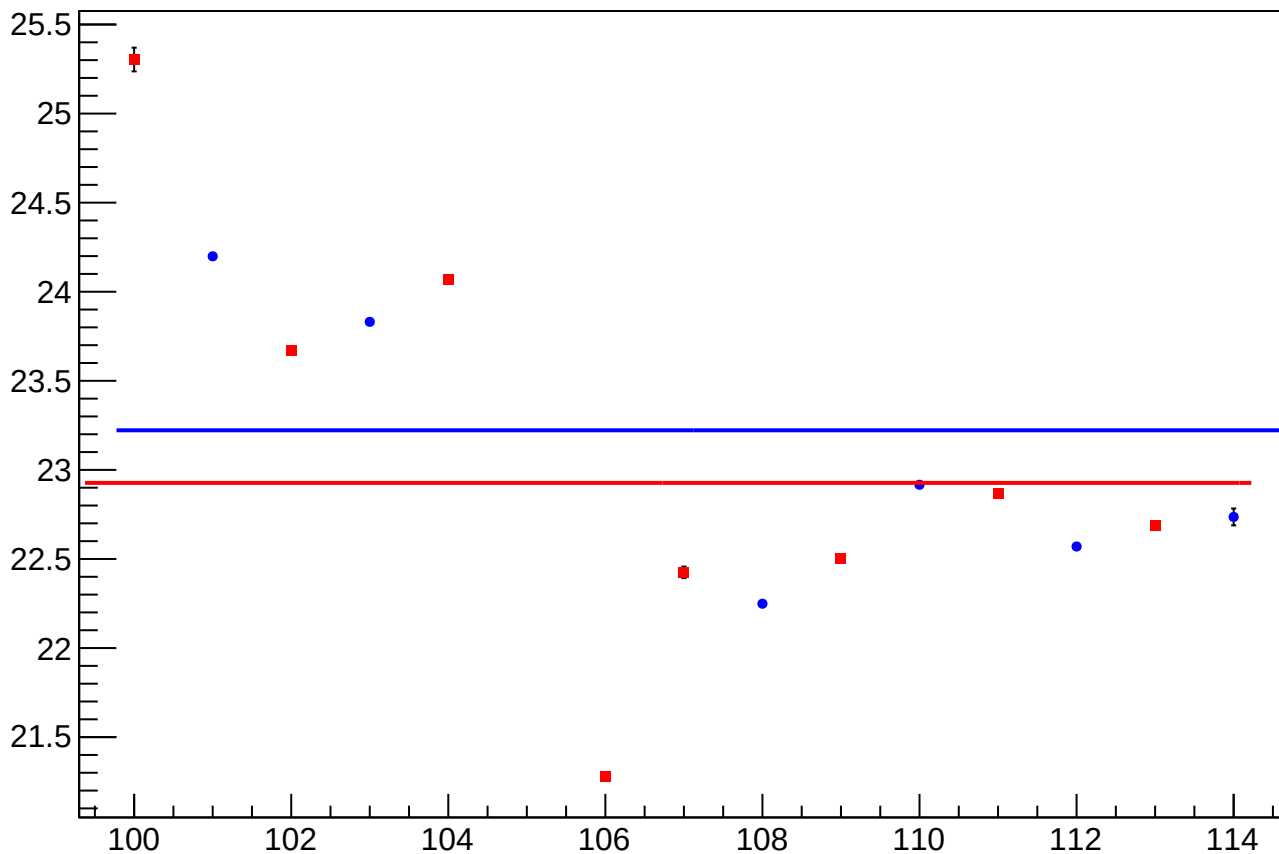
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.618+/-9.477 χ^2/NDF : 9.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 23.222 $\pm$ 0.010 χ^2 /NDF: 5520.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.927 $\pm$ 0.009 χ^2 /NDF: 9521.5/7

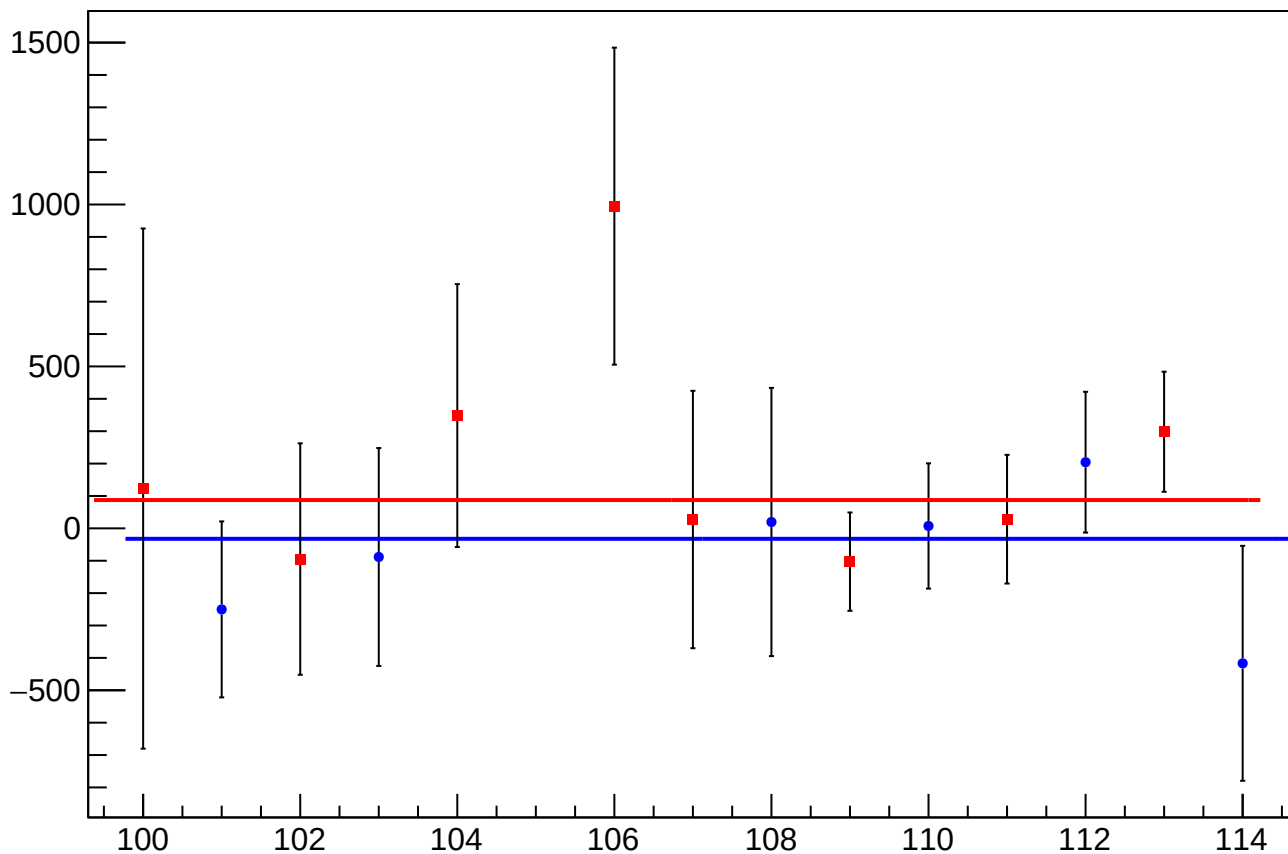
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.057 $\pm$ 0.007 χ^2 /NDF: 15519.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -32.278 $\pm$ 109.294 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.426 $\pm$ 89.890 χ^2 /NDF: 7.1/7

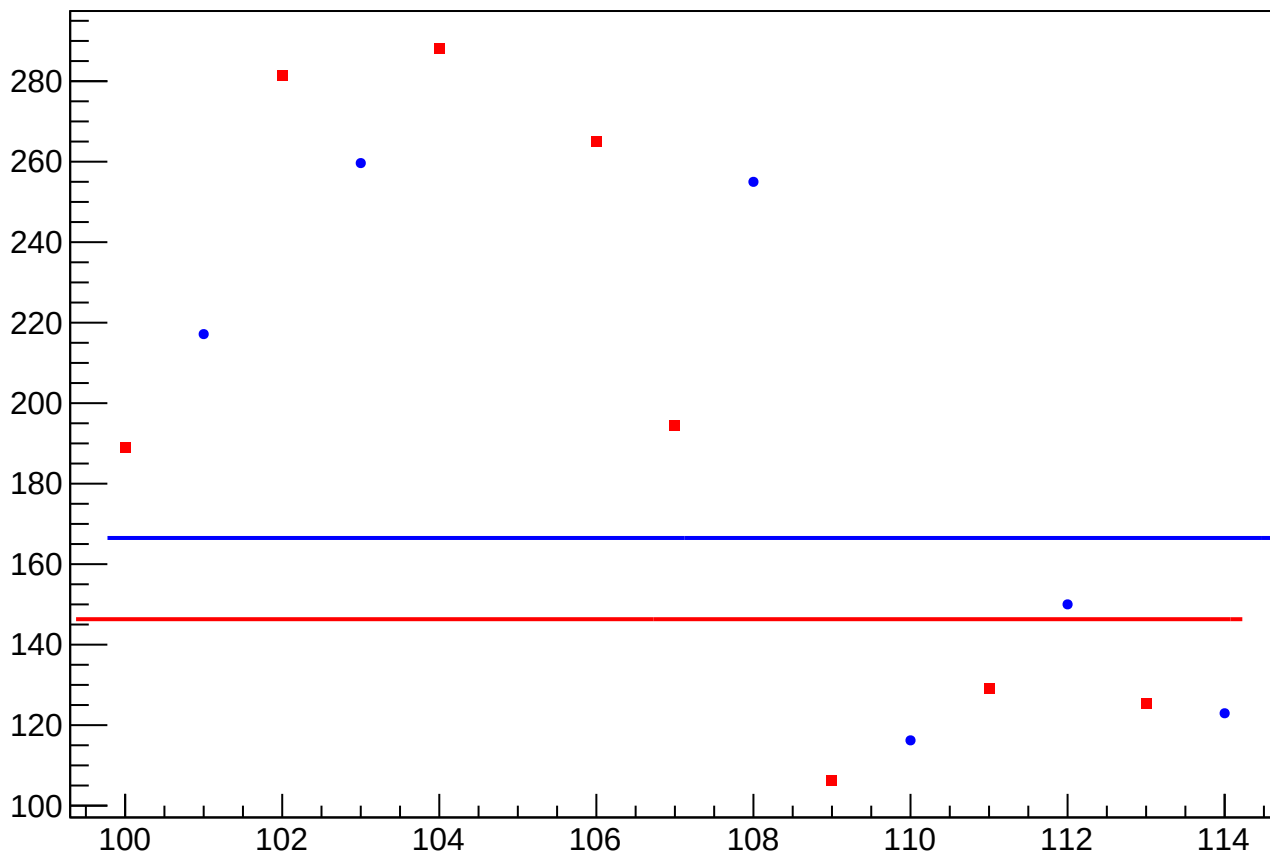
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.126 $\pm$ 69.425 χ^2 /NDF: 10.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 166.506+/-0.077 χ^2/NDF : 489673.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.325+/-0.064 χ^2/NDF : 862166.6/7

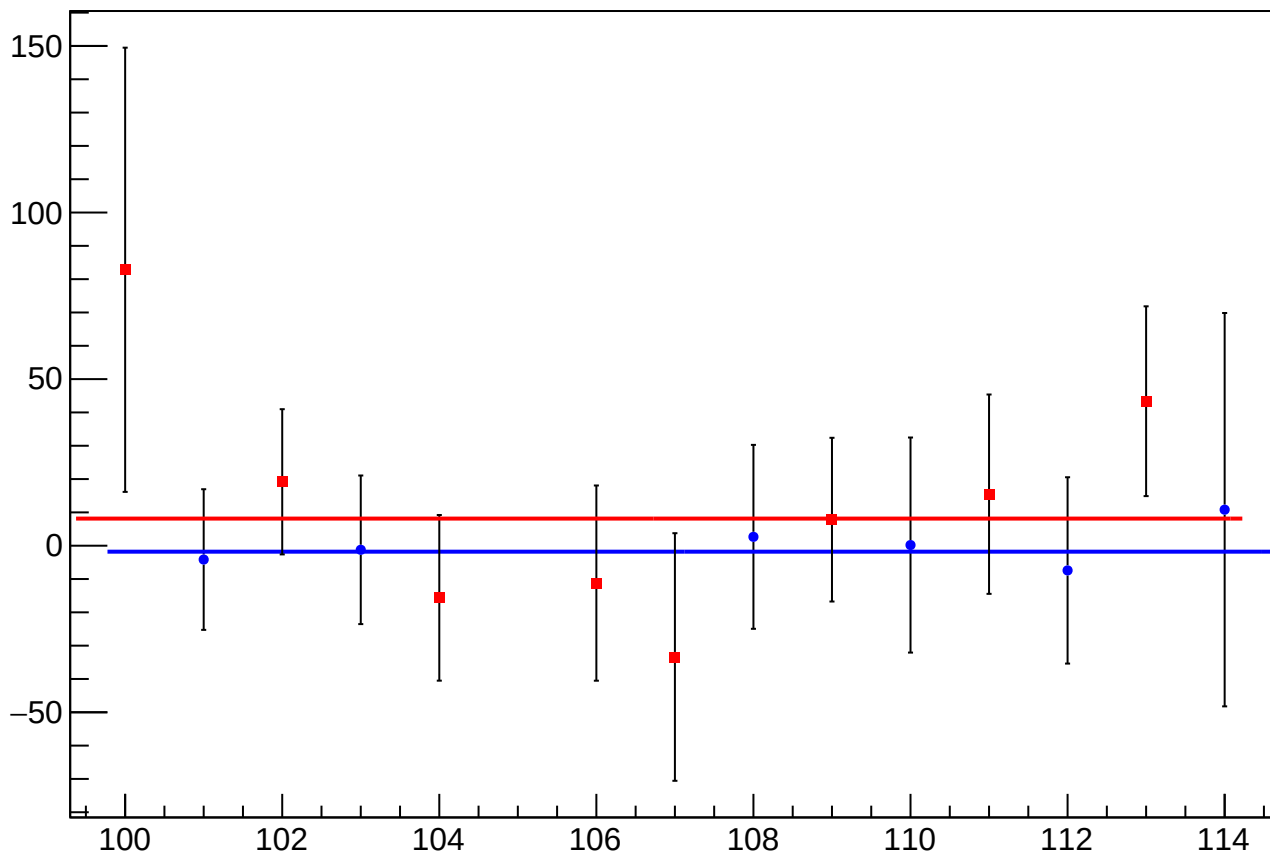
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.468+/-0.049 χ^2/NDF : 1392515.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -1.792 ± 11.116 χ^2/NDF : 0.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.139 ± 10.079 χ^2/NDF : 5.7/7

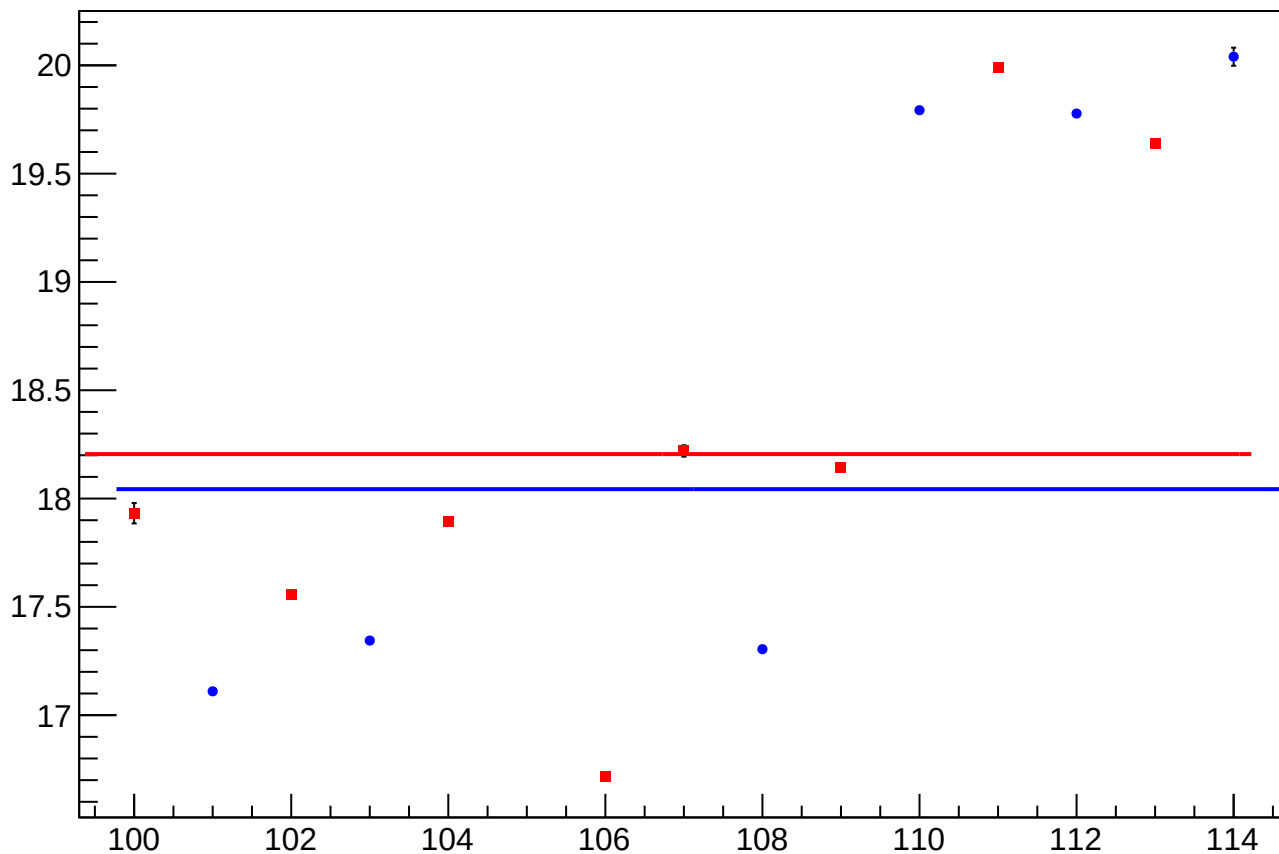
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.658 ± 7.467 χ^2/NDF : 6.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 18.043+/-0.008 χ^2/NDF : 23161.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.205+/-0.007 χ^2/NDF : 19470.3/7

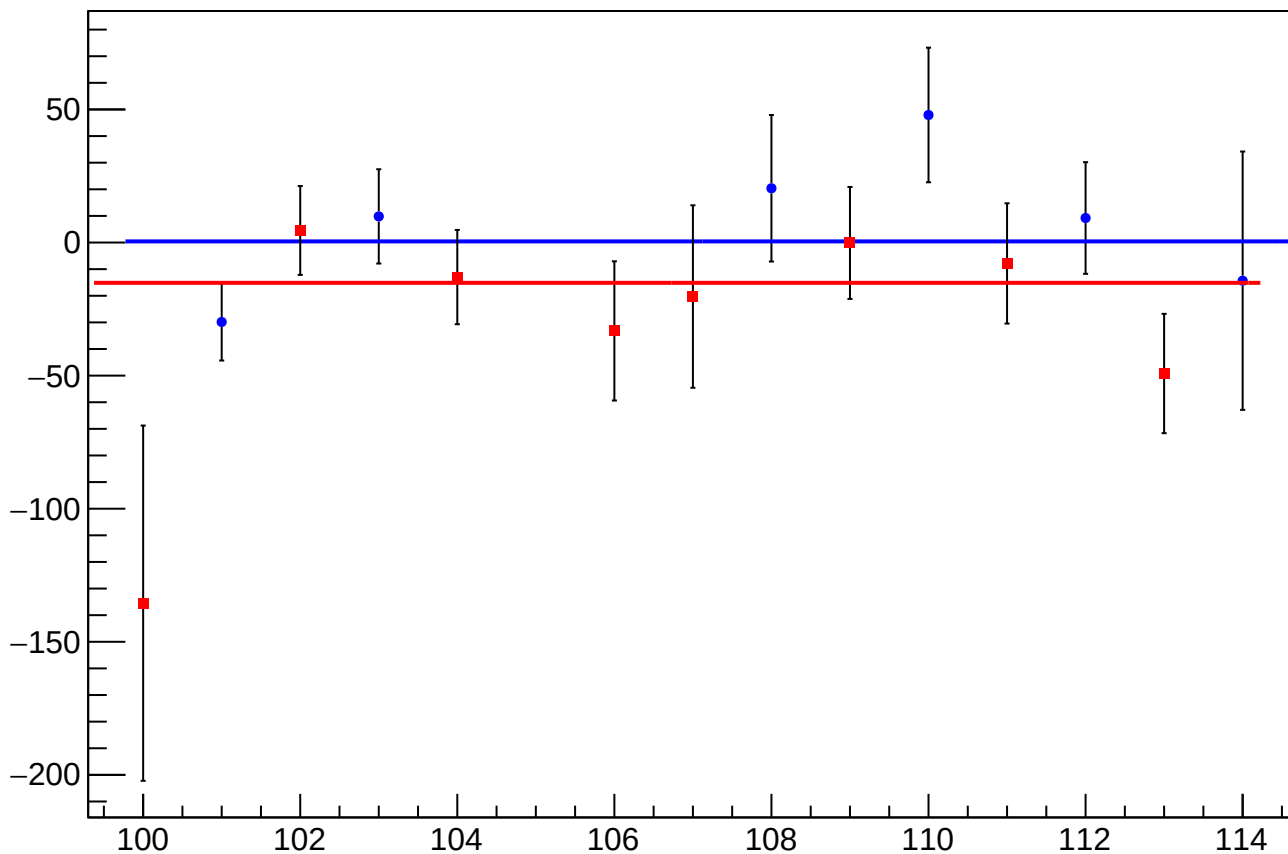
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.132+/-0.005 χ^2/NDF : 42865.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: 0.429+/-8.596 χ^2/NDF : 9.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.138+/-8.026 χ^2/NDF : 8.1/7

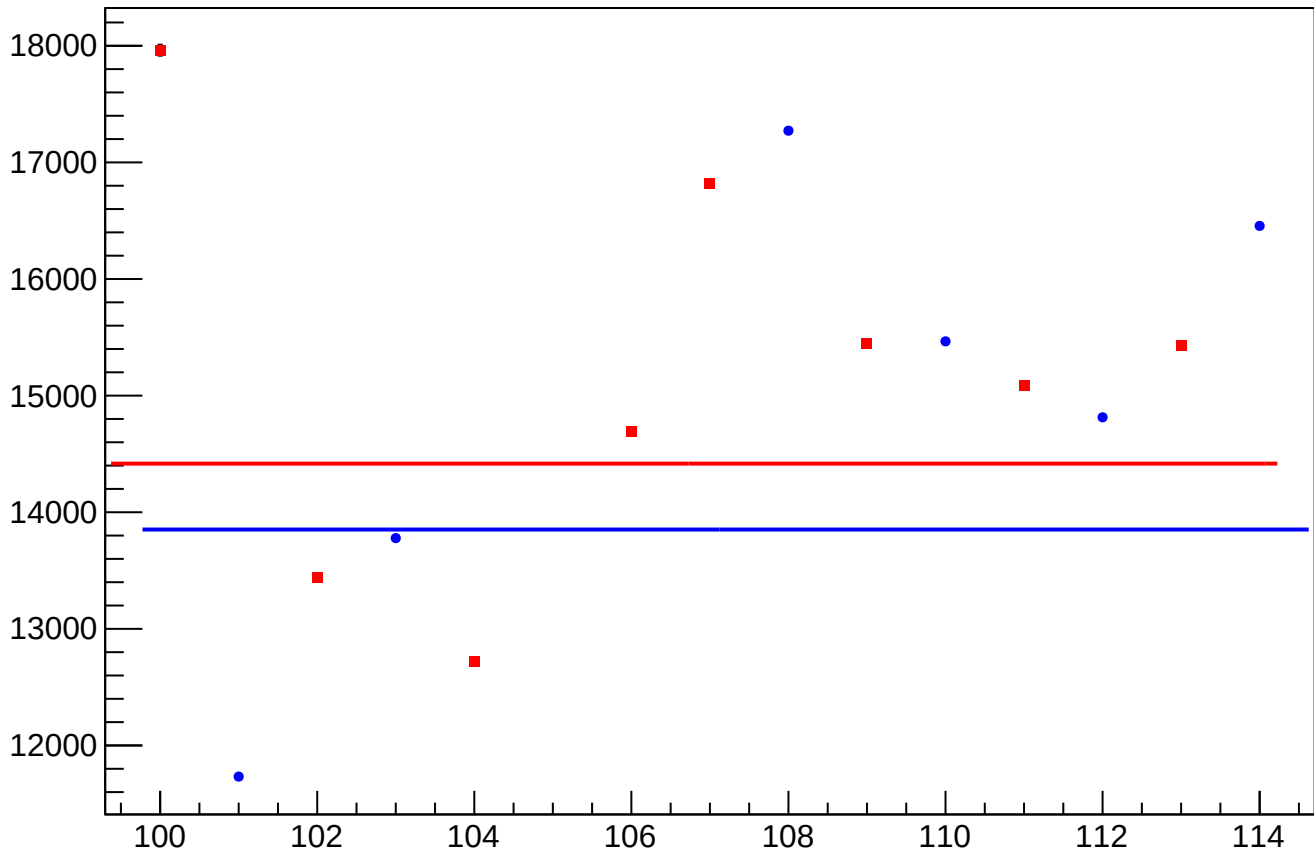
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.888+/-5.866 χ^2/NDF : 18.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 13851.763+/-6.078 χ^2/NDF : 91822.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14417.153+/-5.675 χ^2/NDF : 51456.2/7

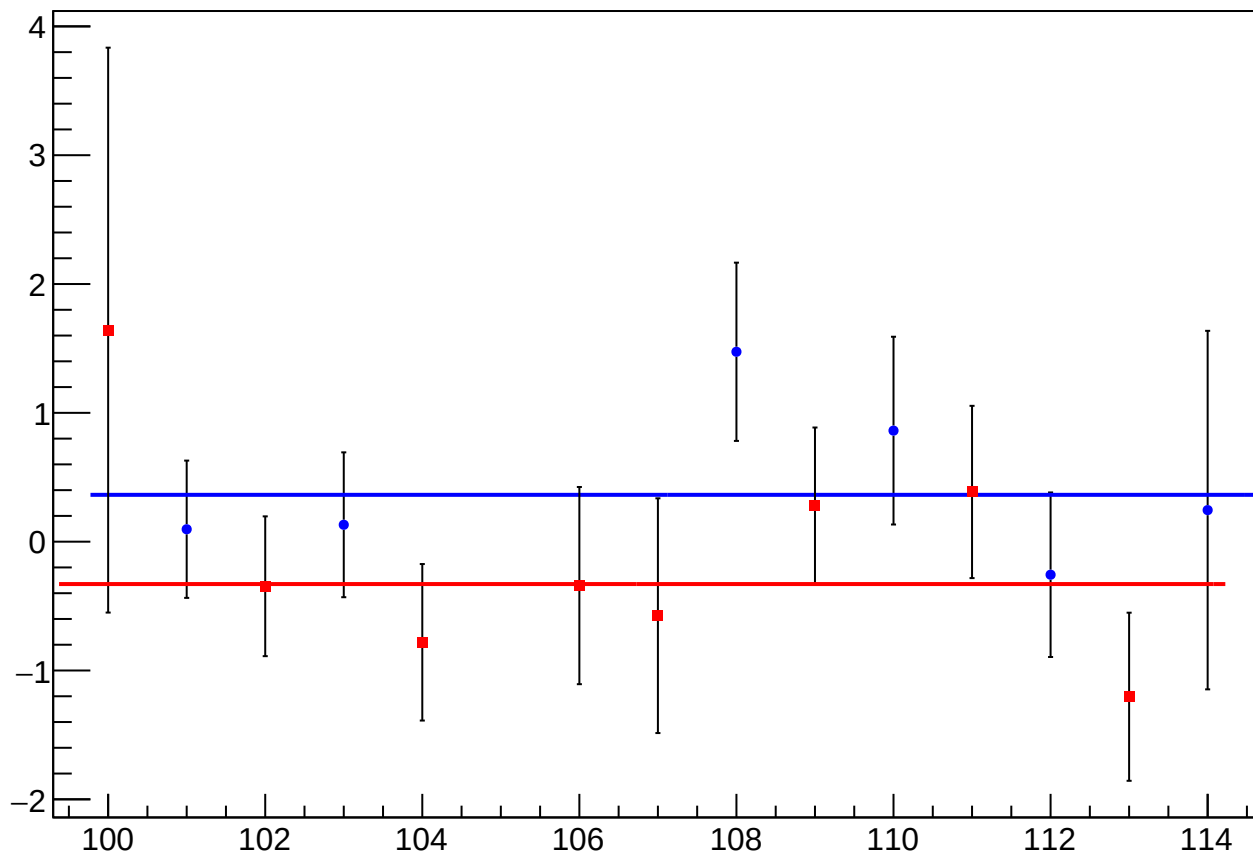
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14153.816+/-4.148 χ^2/NDF : 147901.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.364 $\pm$ 0.271 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.329 $\pm$ 0.246 χ^2 /NDF: 5.4/7

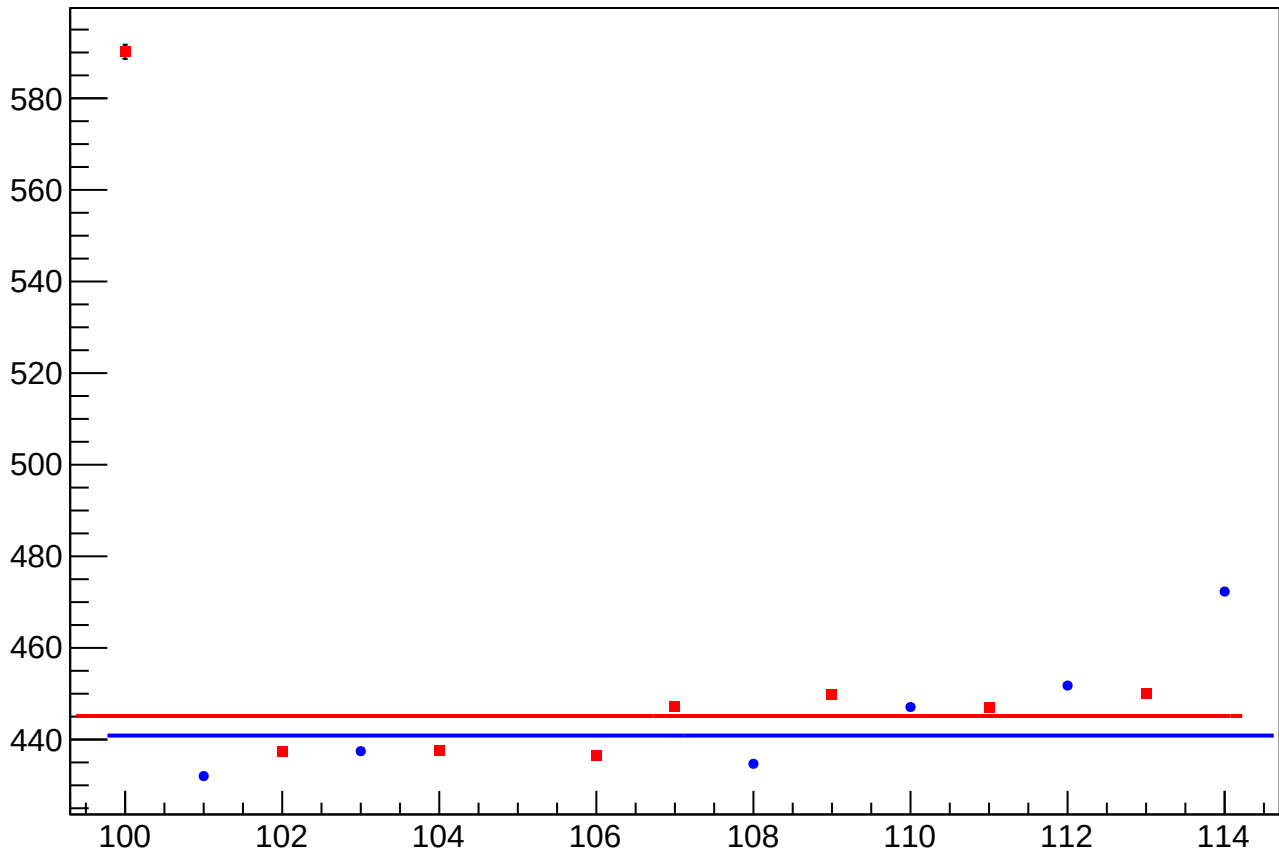
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.182 χ^2 /NDF: 13.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 440.859 $\pm$ 0.192 χ^2 /NDF: 2534.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 445.132 $\pm$ 0.174 χ^2 /NDF: 9965.3/7

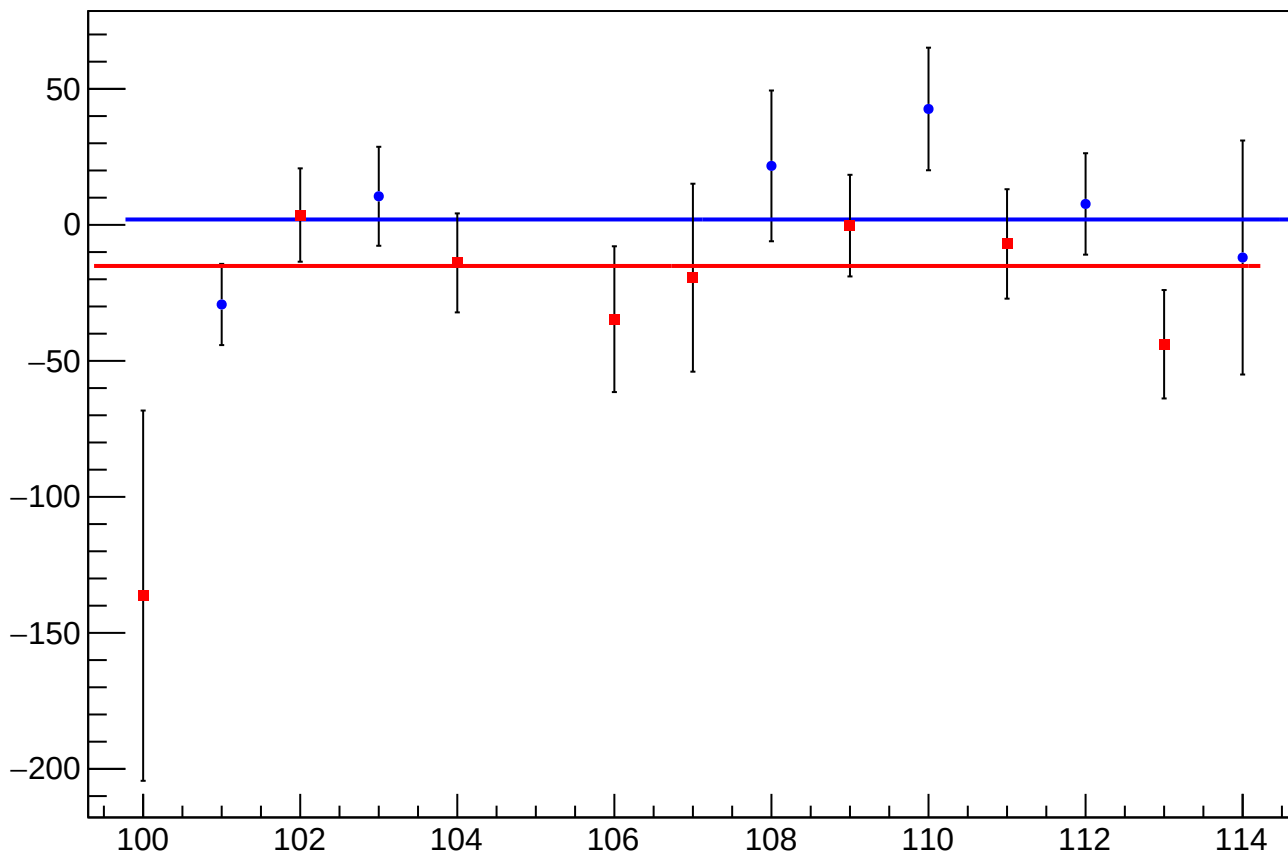
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 443.200 $\pm$ 0.129 χ^2 /NDF: 12772.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: 1.985 ± 8.393 χ^2/NDF : 8.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.104 ± 7.735 χ^2/NDF : 7.8/7

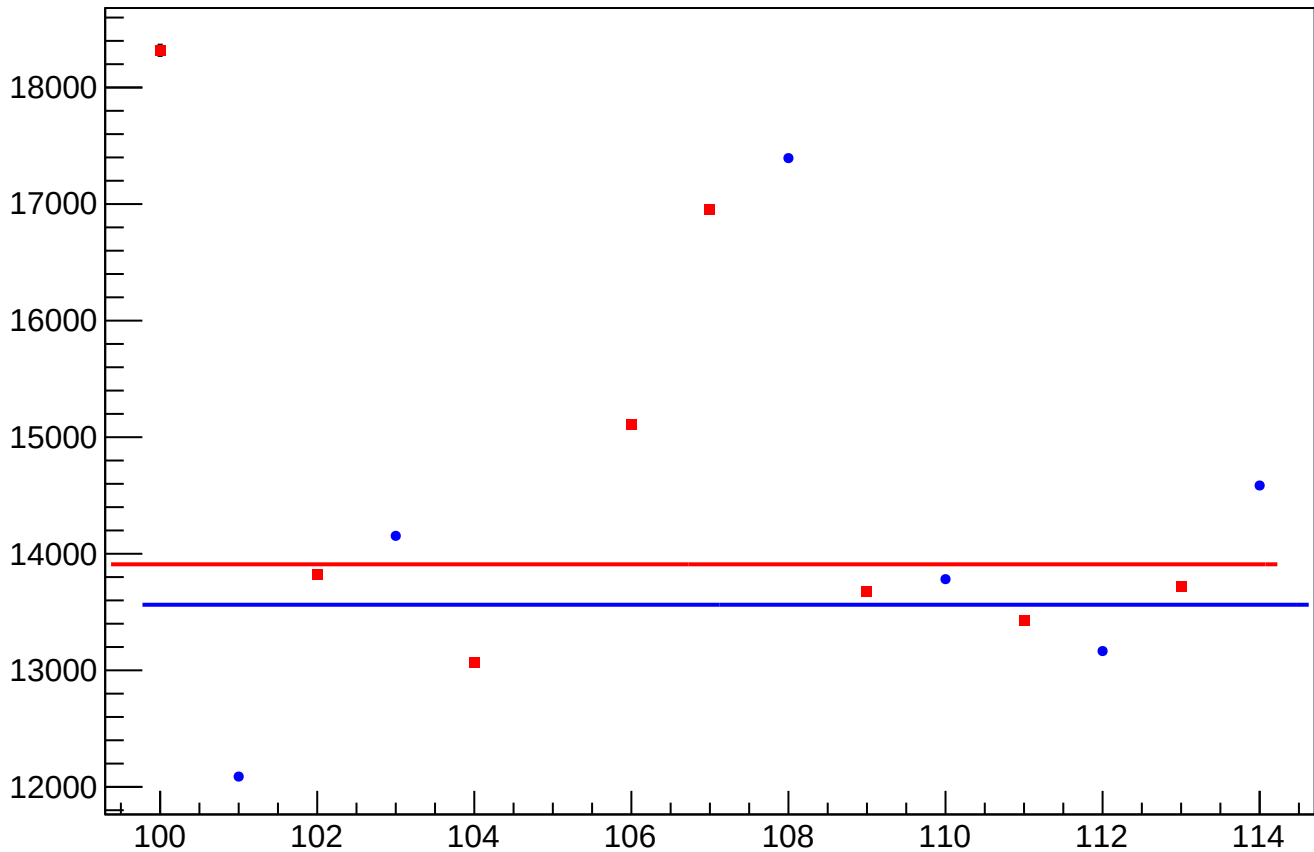
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.255 ± 5.688 χ^2/NDF : 18.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 13562.736+/-5.934 χ^2/NDF : 62078.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13909.500+/-5.469 χ^2/NDF : 33819.8/7

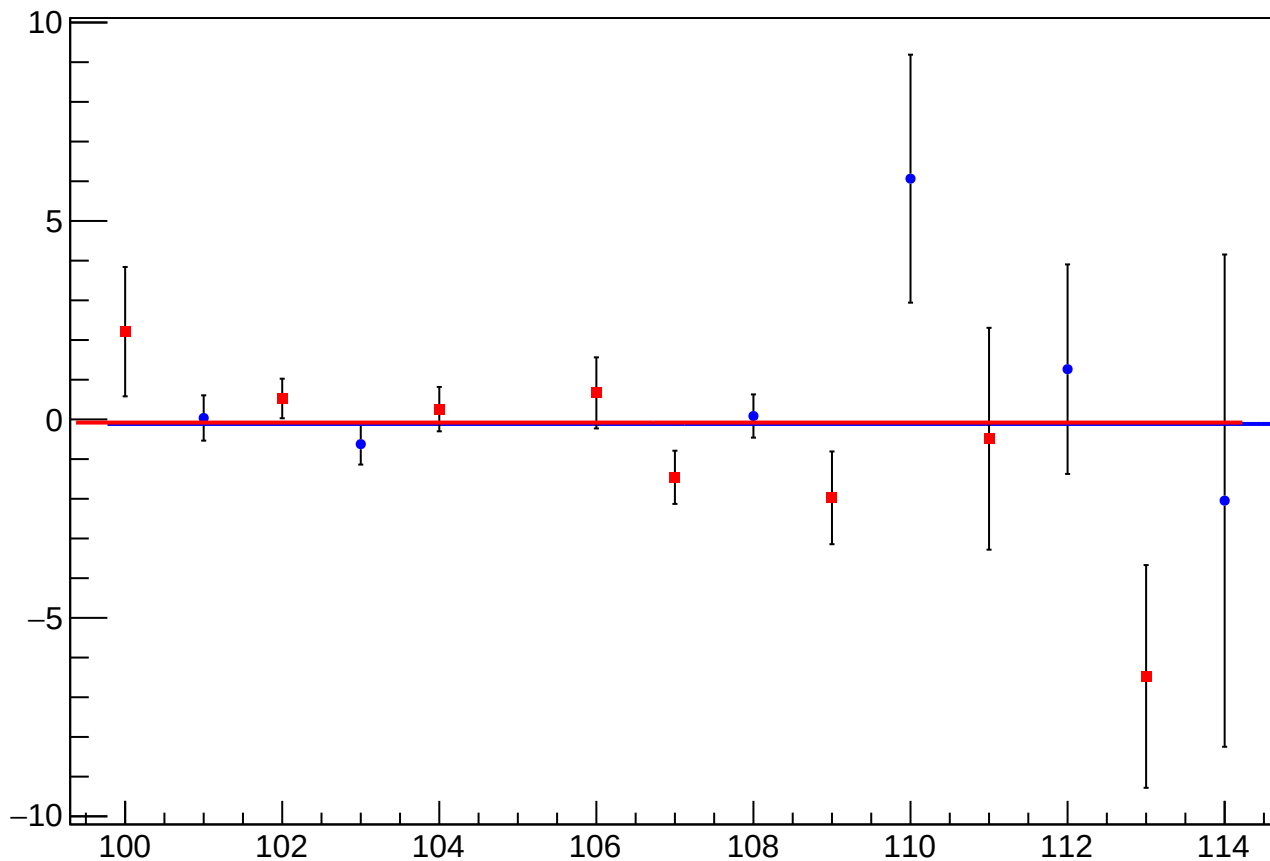
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13750.241+/-4.022 χ^2/NDF : 97744.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.114 ± 0.309 χ^2/NDF : 5.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.080 ± 0.288 χ^2/NDF : 16.6/7

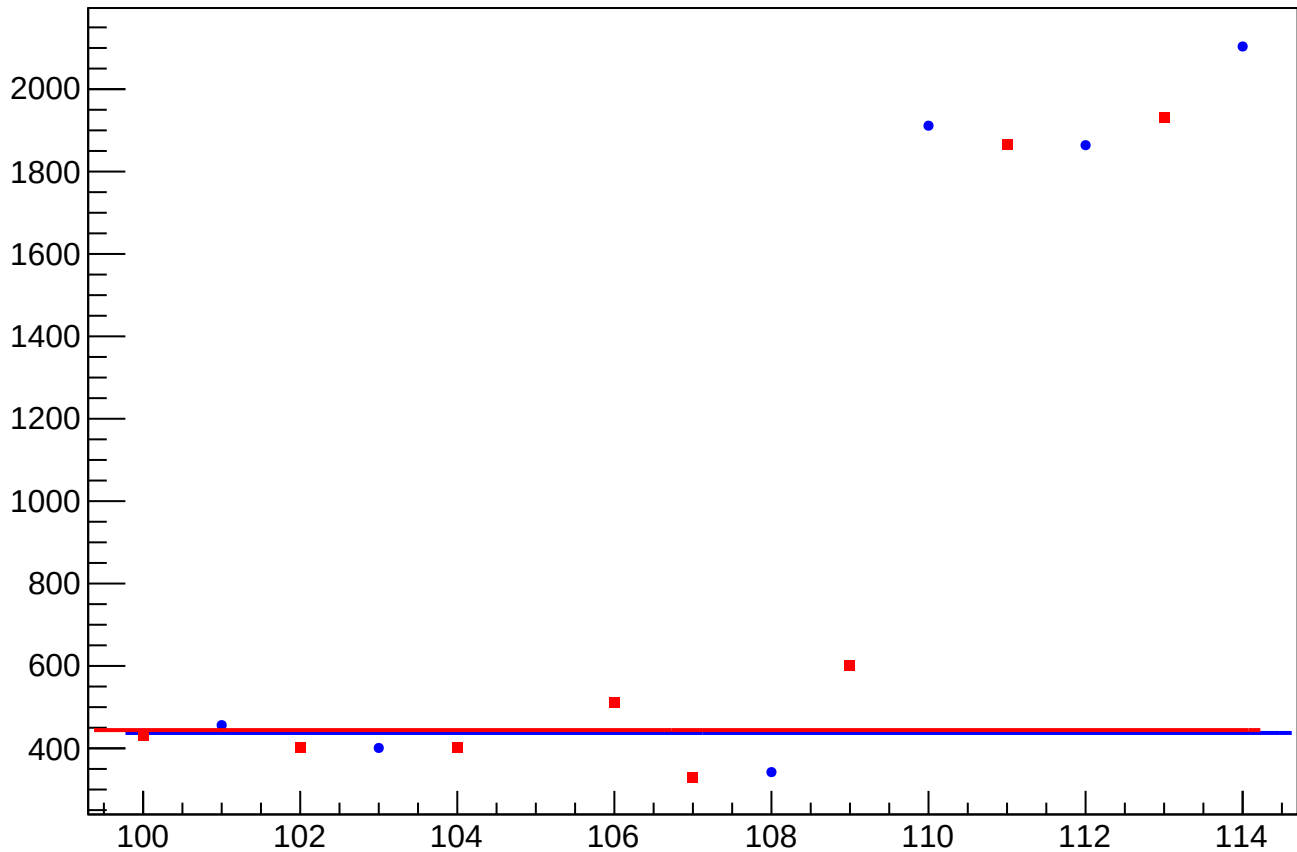
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.096 ± 0.211 χ^2/NDF : 22.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 437.332 $\pm$ 0.218 χ^2 /NDF: 1247240.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 444.278 $\pm$ 0.204 χ^2 /NDF: 1213054.8/7

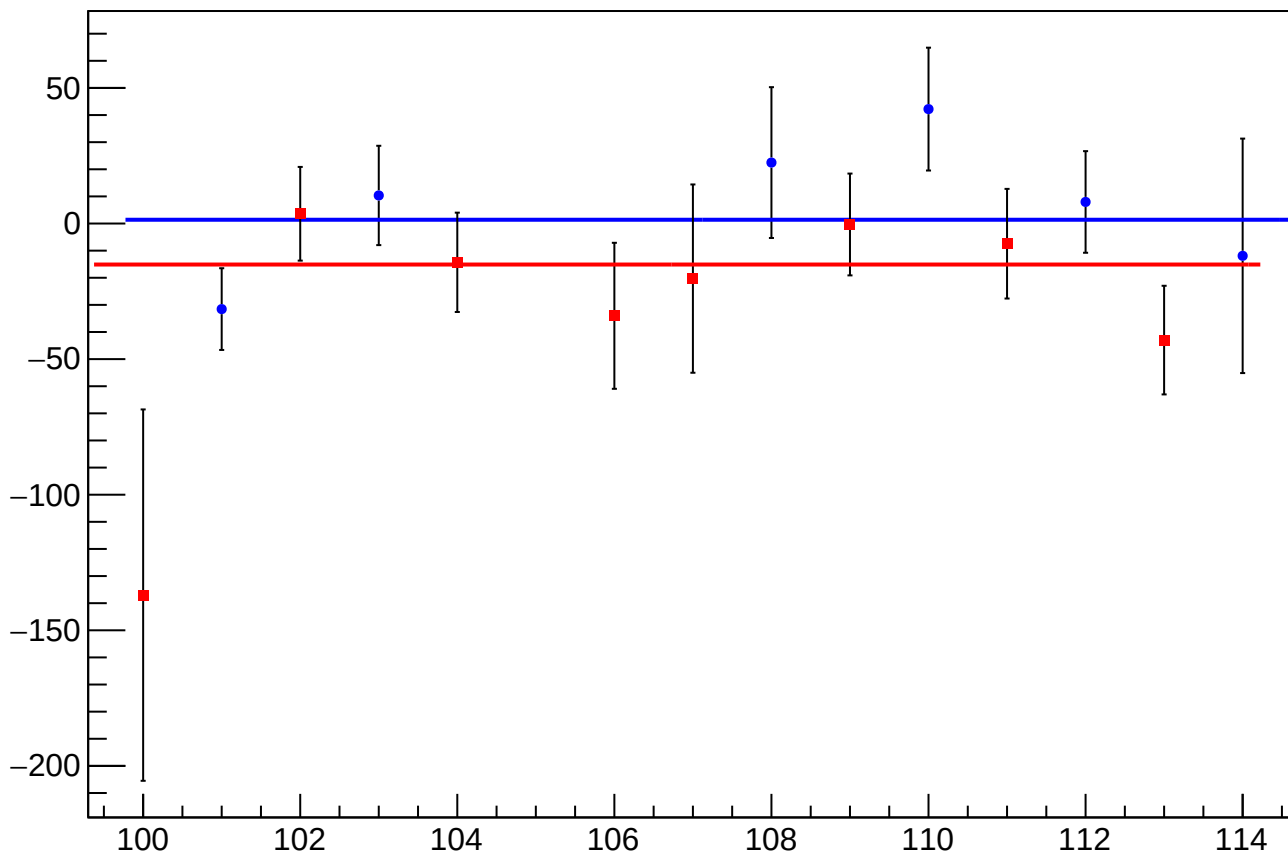
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 441.050 $\pm$ 0.149 χ^2 /NDF: 2460835.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: 1.393+/-8.448 χ^2/NDF : 9.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.121+/-7.778 χ^2/NDF : 7.6/7

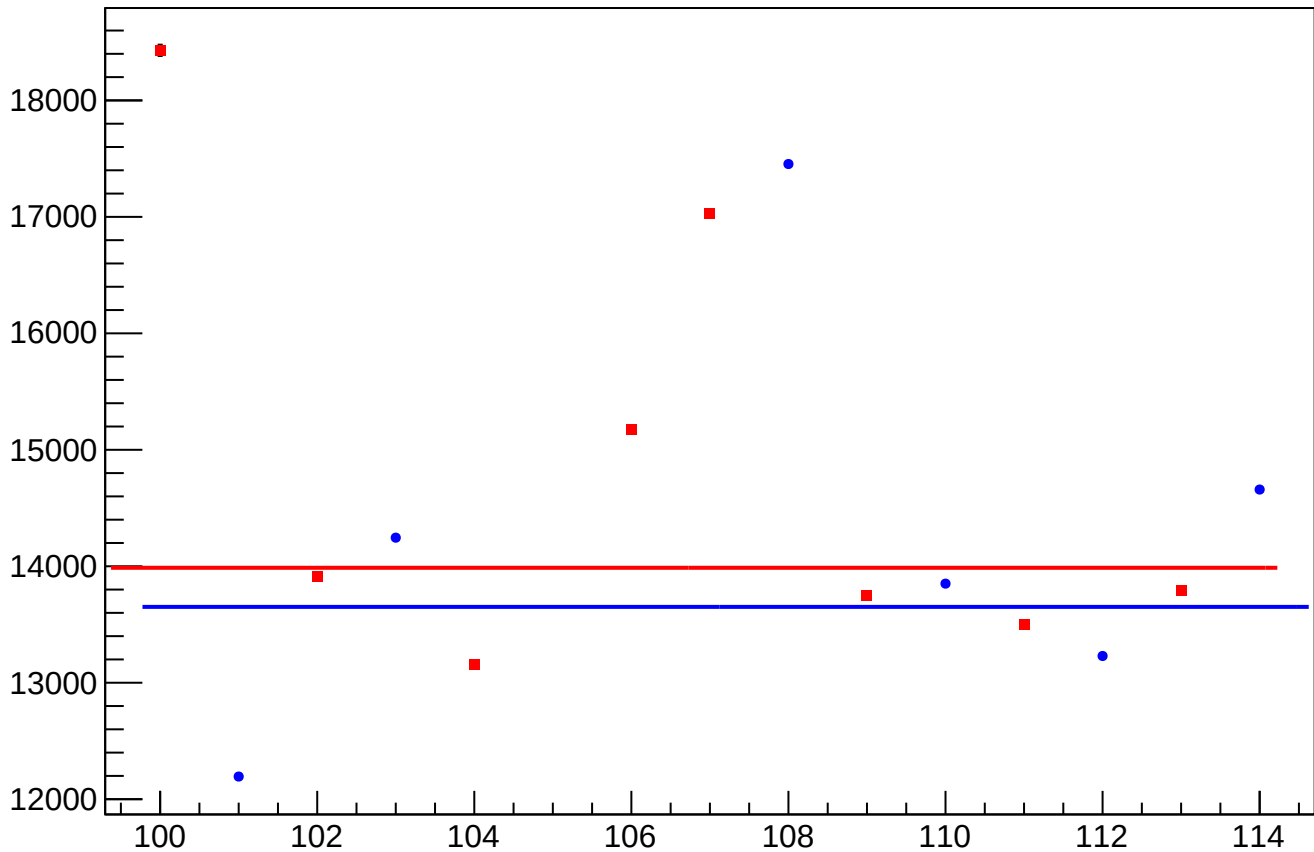
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.544+/-5.722 χ^2/NDF : 18.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 13651.316+/-5.973 χ^2/NDF : 60454.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13987.043+/-5.500 χ^2/NDF : 33565.8/7

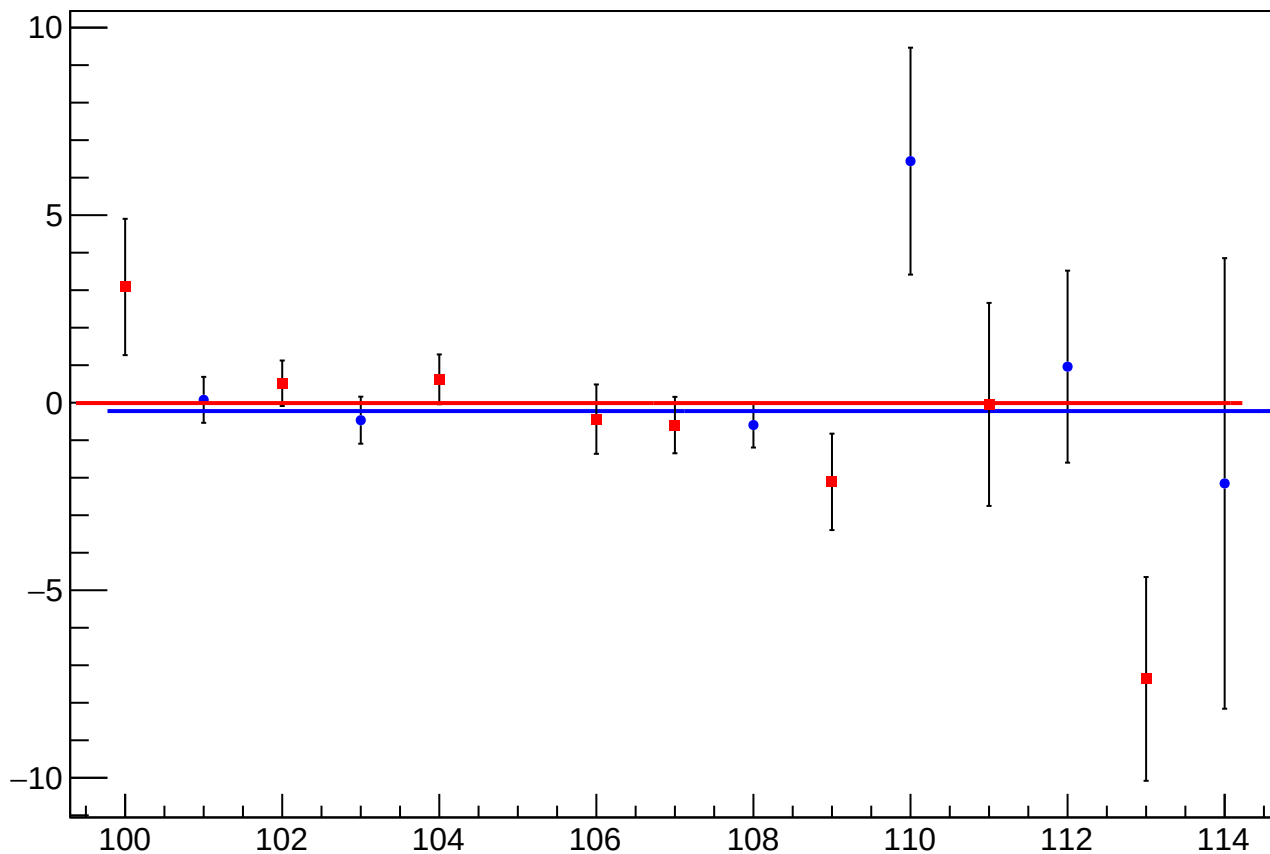
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13833.023+/-4.046 χ^2/NDF : 95730.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.223 ± 0.348 χ^2/NDF : 5.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.331 χ^2/NDF : 15.4/7

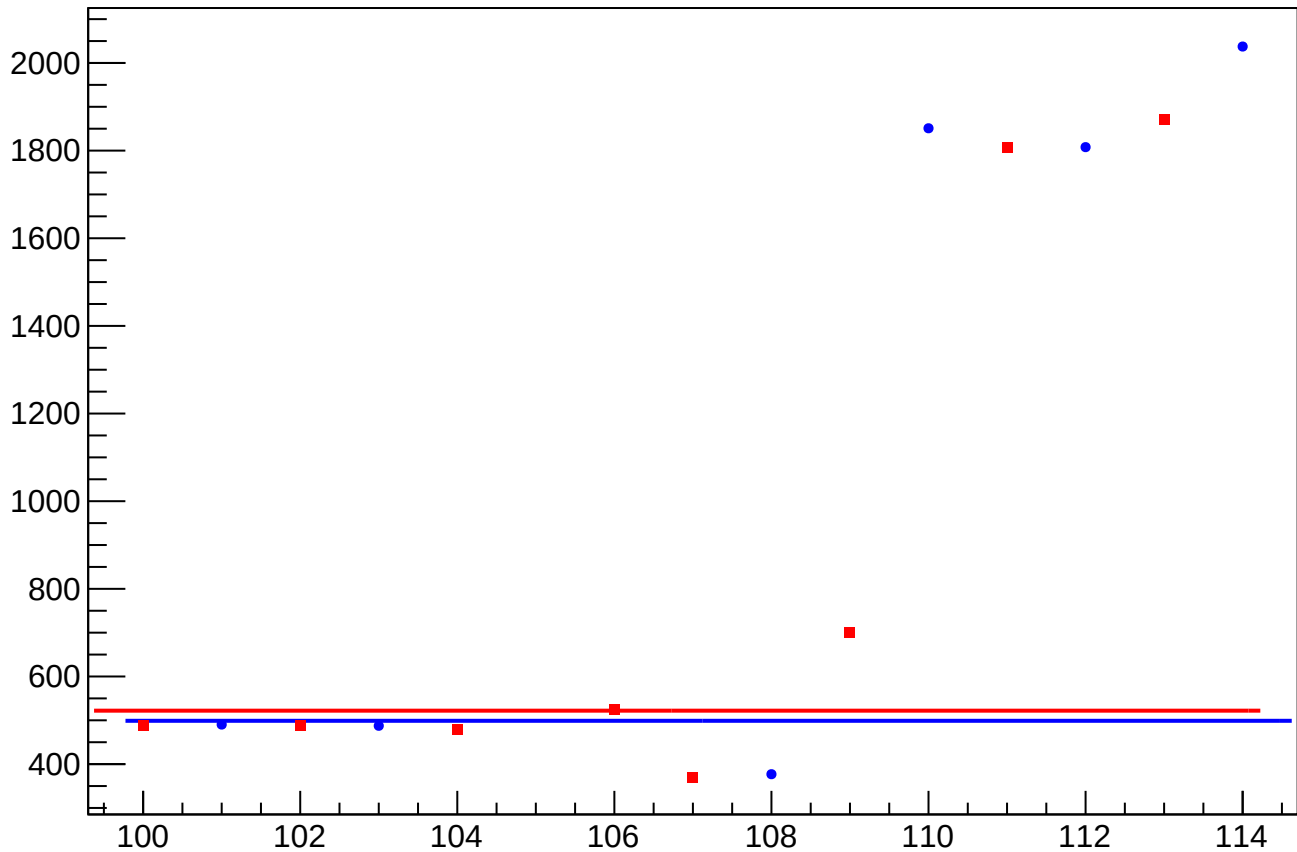
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.111 ± 0.240 χ^2/NDF : 21.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 498.880+/-0.246 χ^2/NDF : 1137451.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

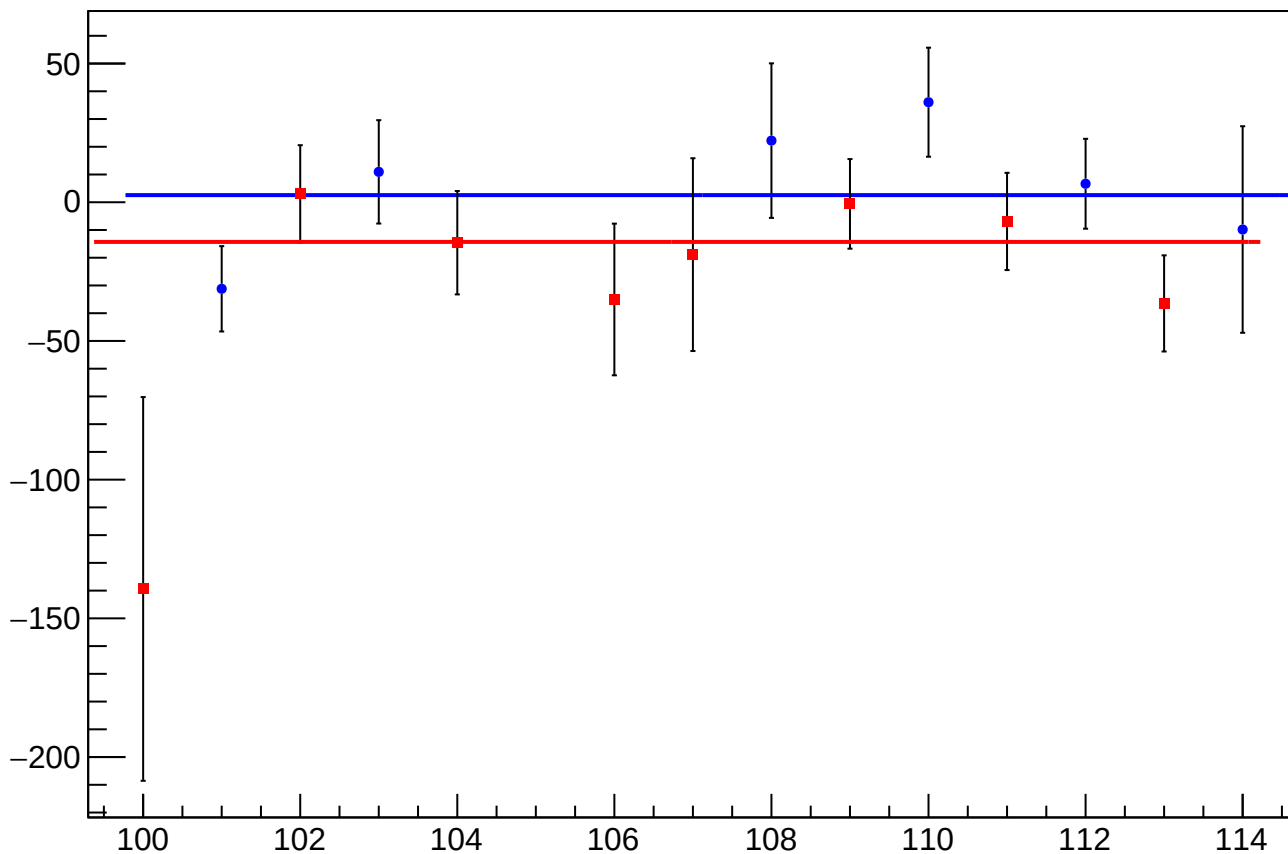
Right Out: 522.006+/-0.234 χ^2/NDF : 1080484.6/7

All: 510.995+/-0.170 χ^2/NDF : 2222574.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



Right In: 2.569 ± 8.027 χ^2/NDF : 8.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.296 ± 7.273 χ^2/NDF : 7.4/7

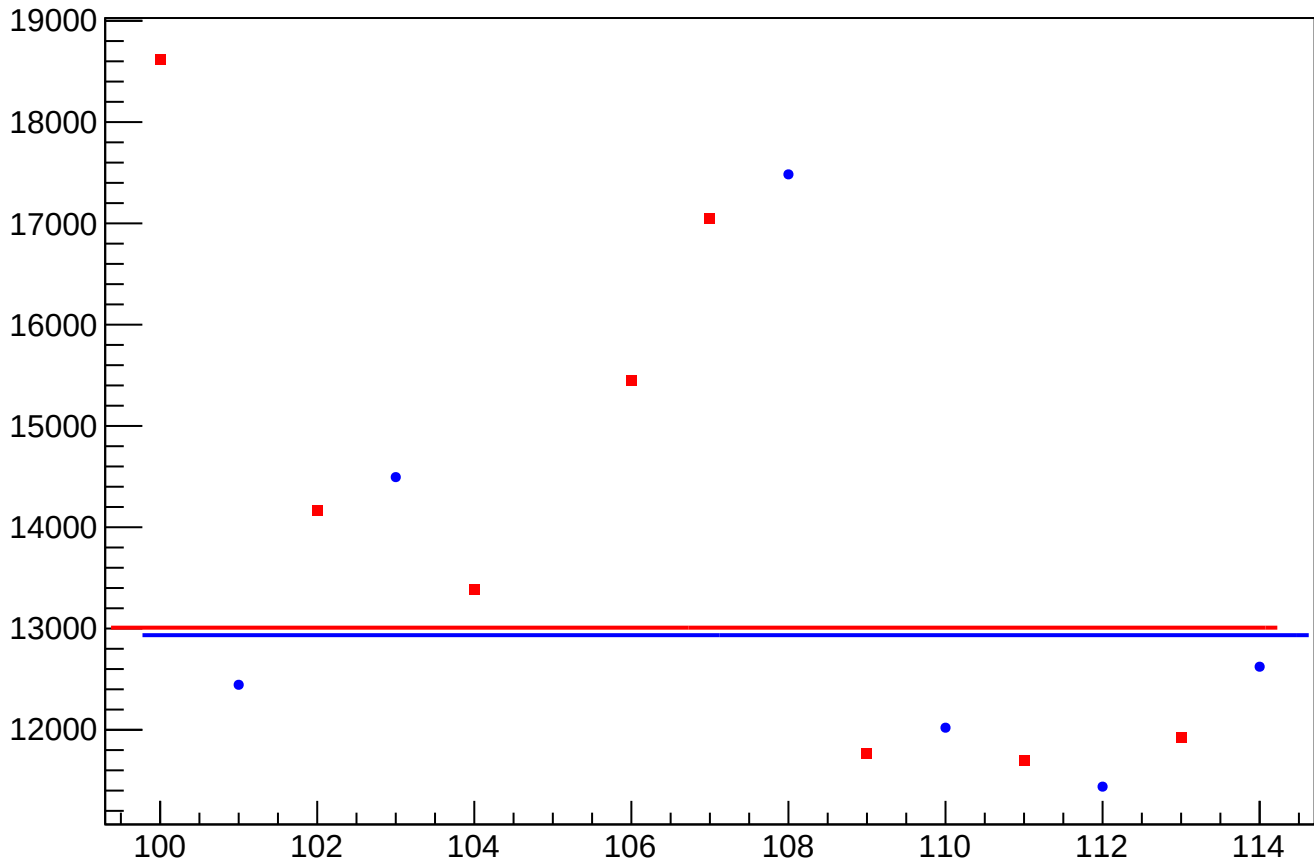
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.694 ± 5.390 χ^2/NDF : 18.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 12934.454+/-5.676 χ^2/NDF : 90908.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13008.593+/-5.142 χ^2/NDF : 96276.6/7

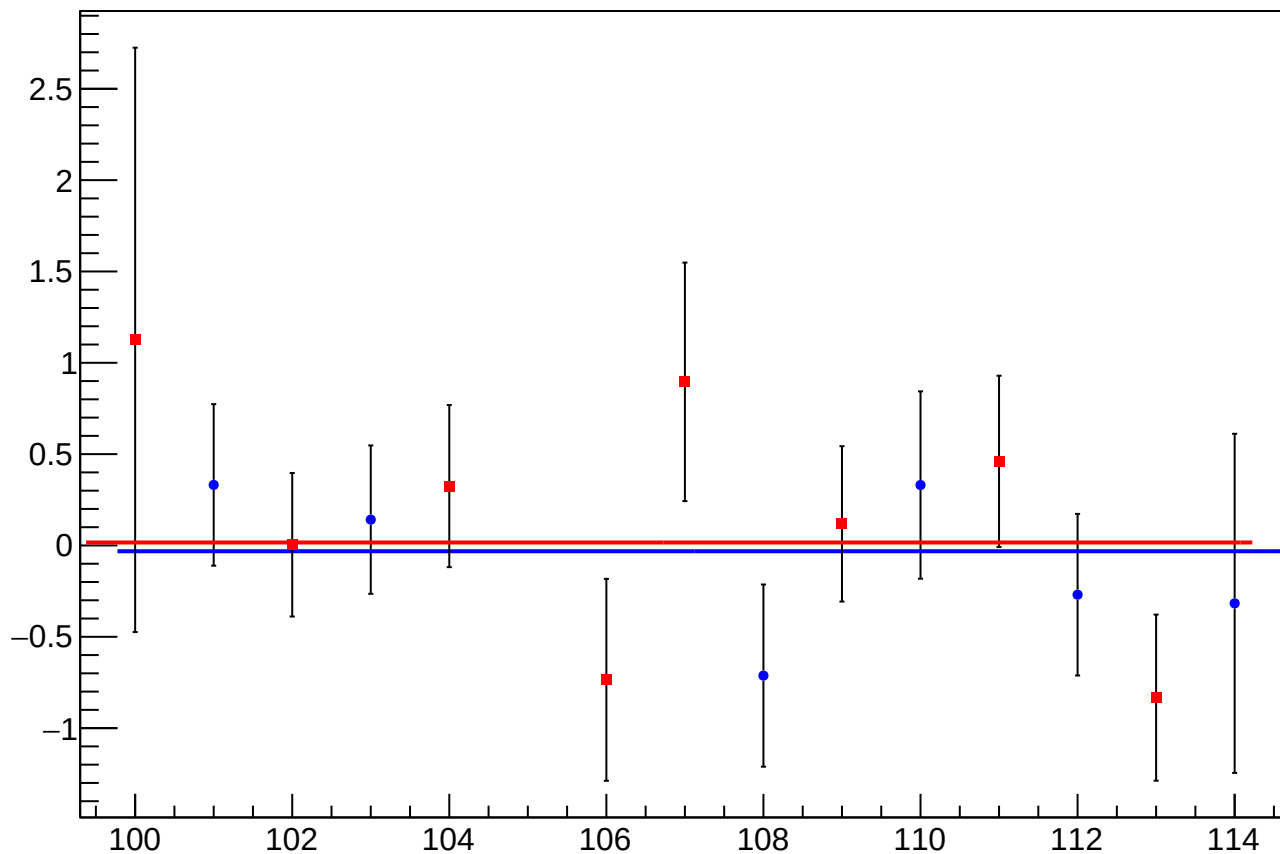
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12975.172+/-3.811 χ^2/NDF : 187279.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: -0.032 ± 0.199 χ^2/NDF : 3.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.175 χ^2/NDF : 9.1/7

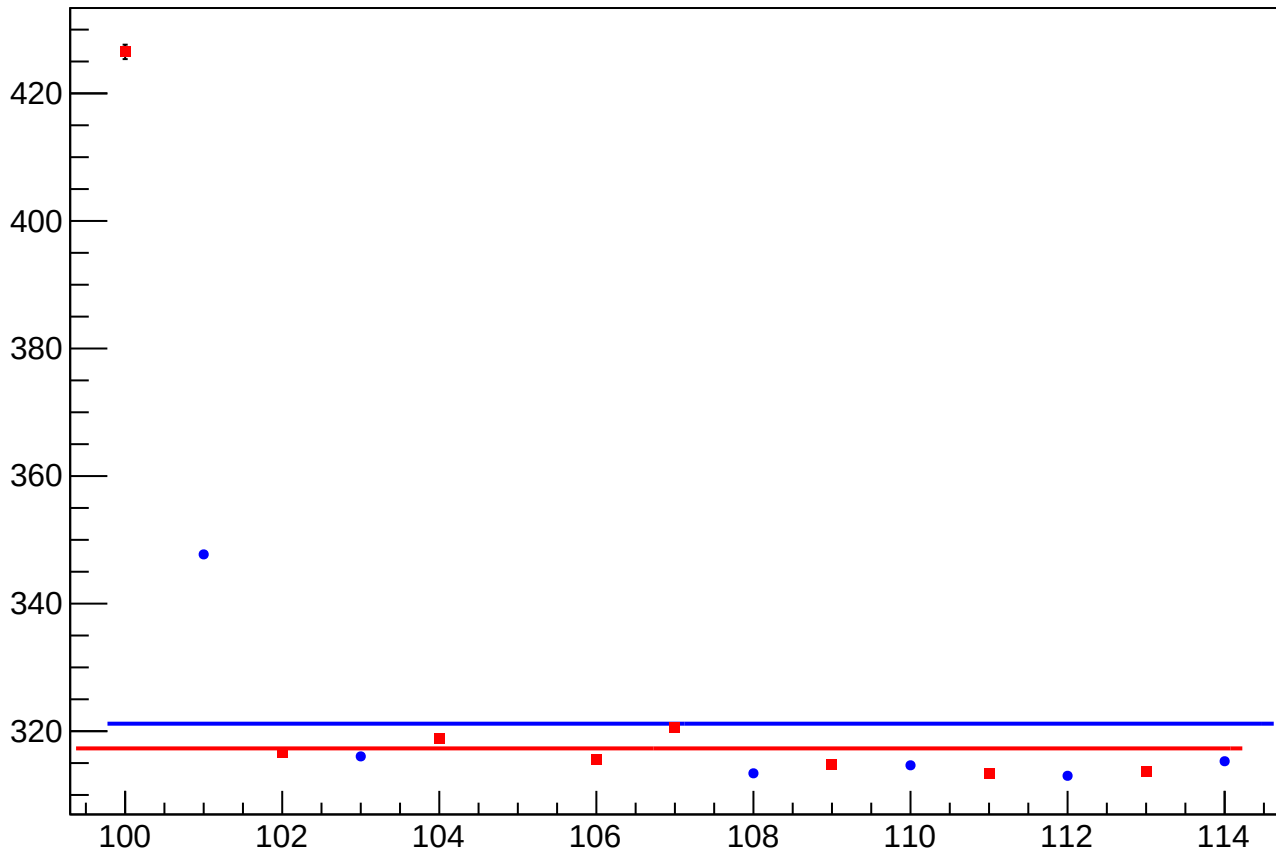
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.132 χ^2/NDF : 12.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 321.176 $\pm$ 0.141 χ^2 /NDF: 9100.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 317.300 $\pm$ 0.124 χ^2 /NDF: 9750.7/7

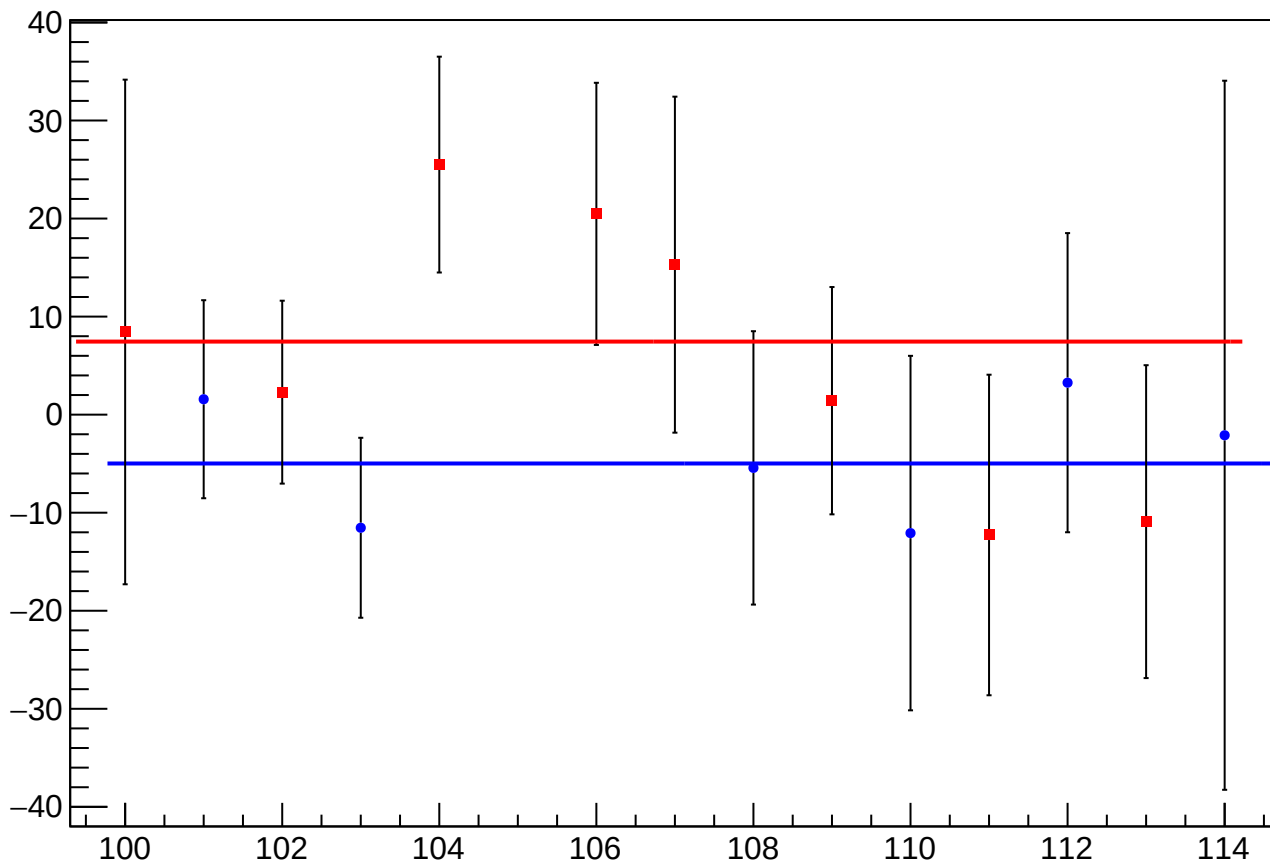
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 318.996 $\pm$ 0.093 χ^2 /NDF: 19278.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -4.981+/-5.349 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.452+/-4.695 χ^2/NDF : 7.2/7

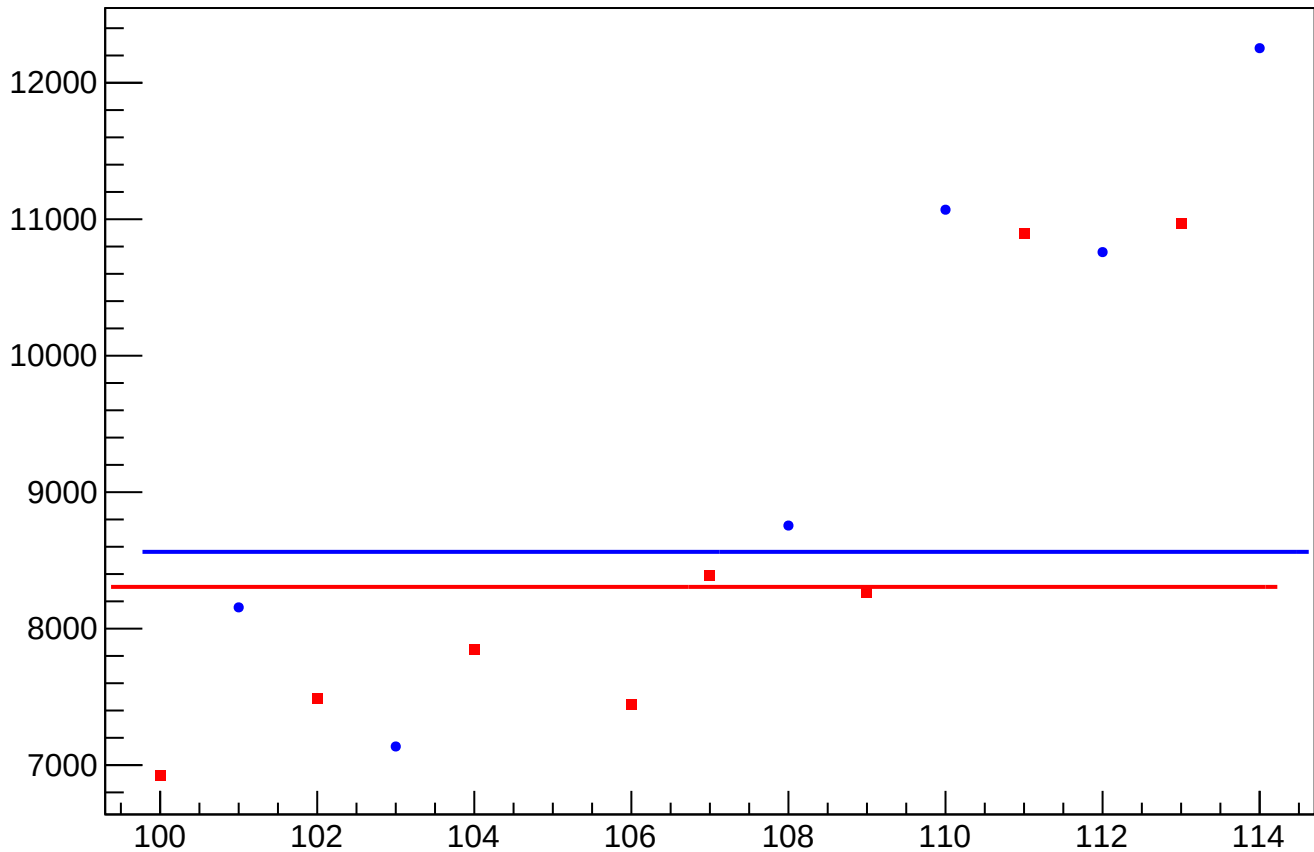
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.042+/-3.528 χ^2/NDF : 11.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 8562.689+/-3.783 χ^2/NDF : 152706.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8305.922+/-3.320 χ^2/NDF : 139094.7/7

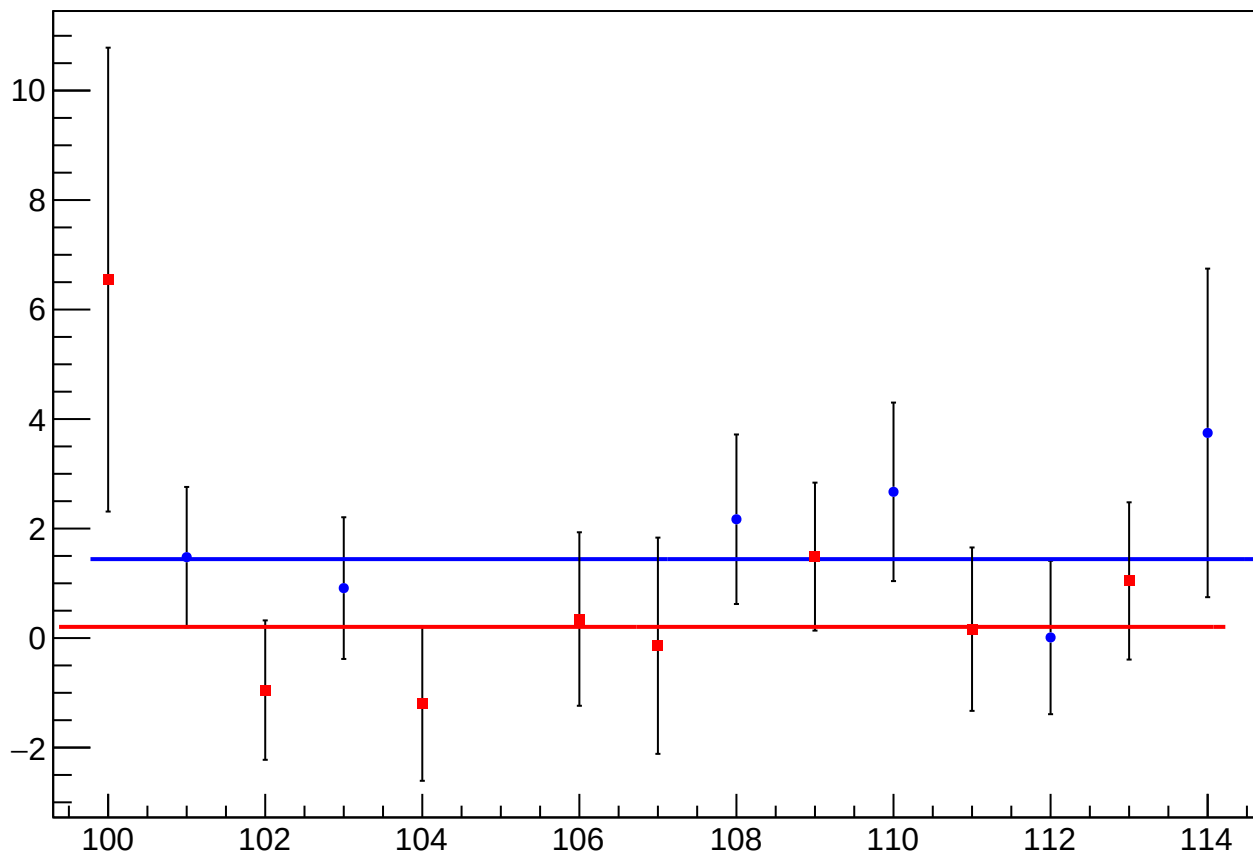
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8417.638+/-2.495 χ^2/NDF : 294404.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 1.442 $\pm$ 0.618 χ^2 /NDF: 2.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.204 $\pm$ 0.550 χ^2 /NDF: 5.3/7

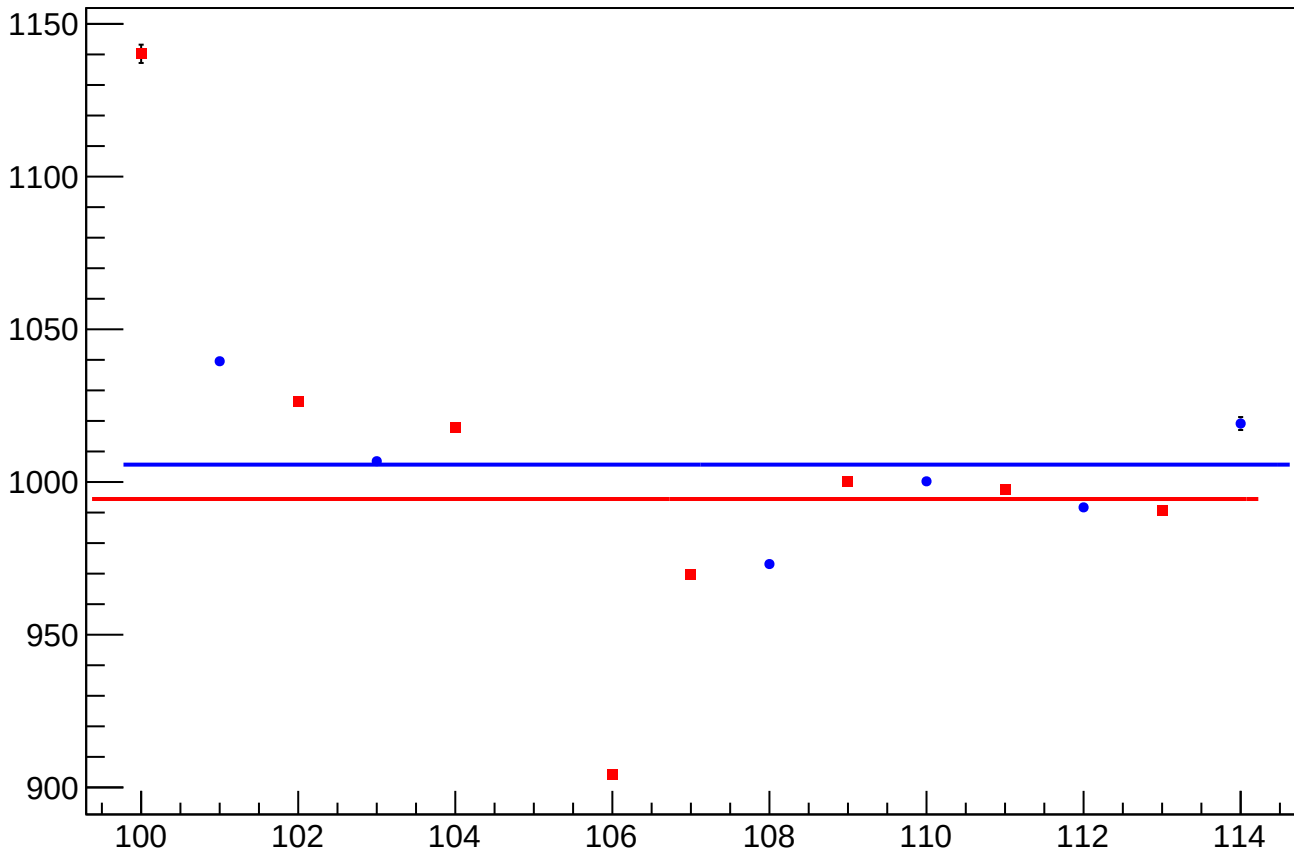
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.751 $\pm$ 0.411 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 1005.692+/-0.437 χ^2/NDF : 2542.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 994.437+/-0.389 χ^2/NDF : 11019.1/7

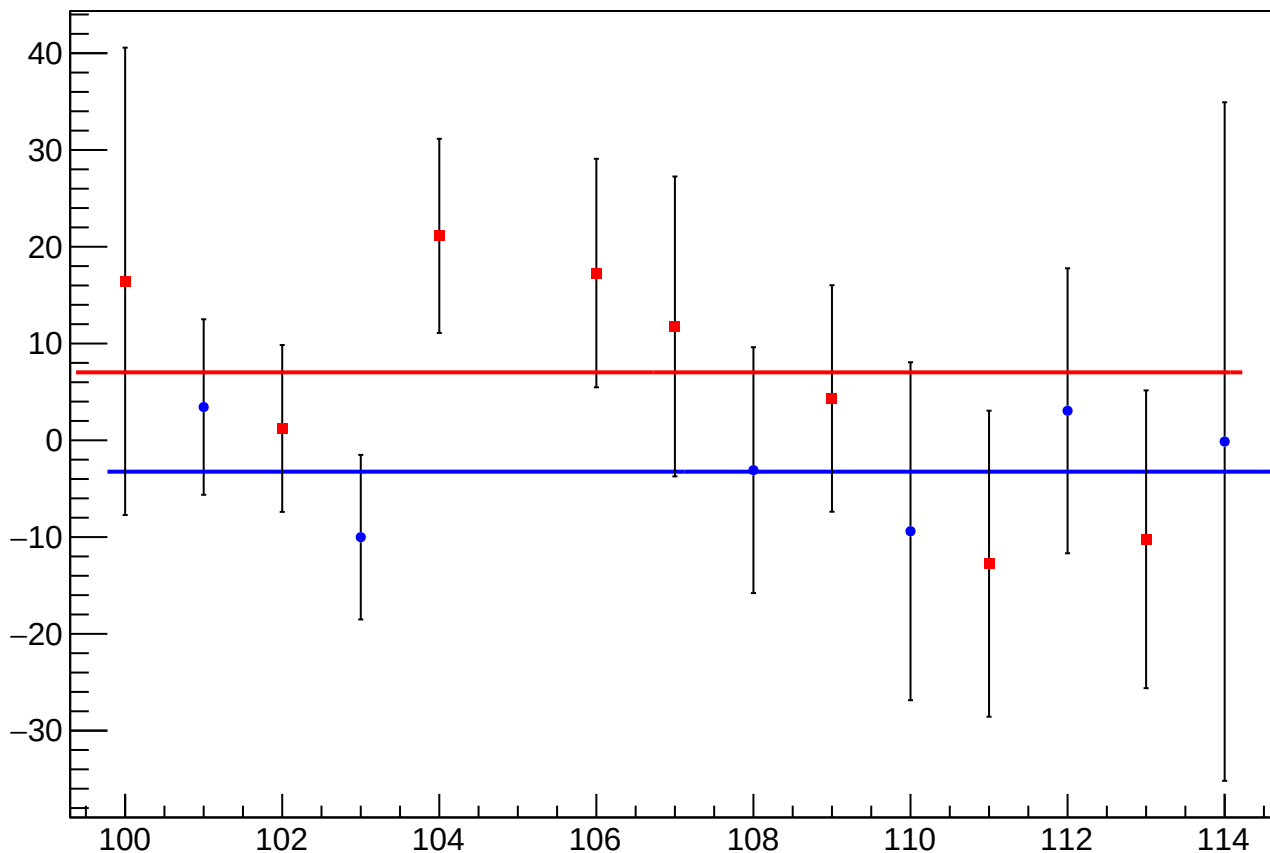
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.409+/-0.290 χ^2/NDF : 13932.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -3.242+/-4.945 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.021+/-4.386 χ^2/NDF : 6.3/7

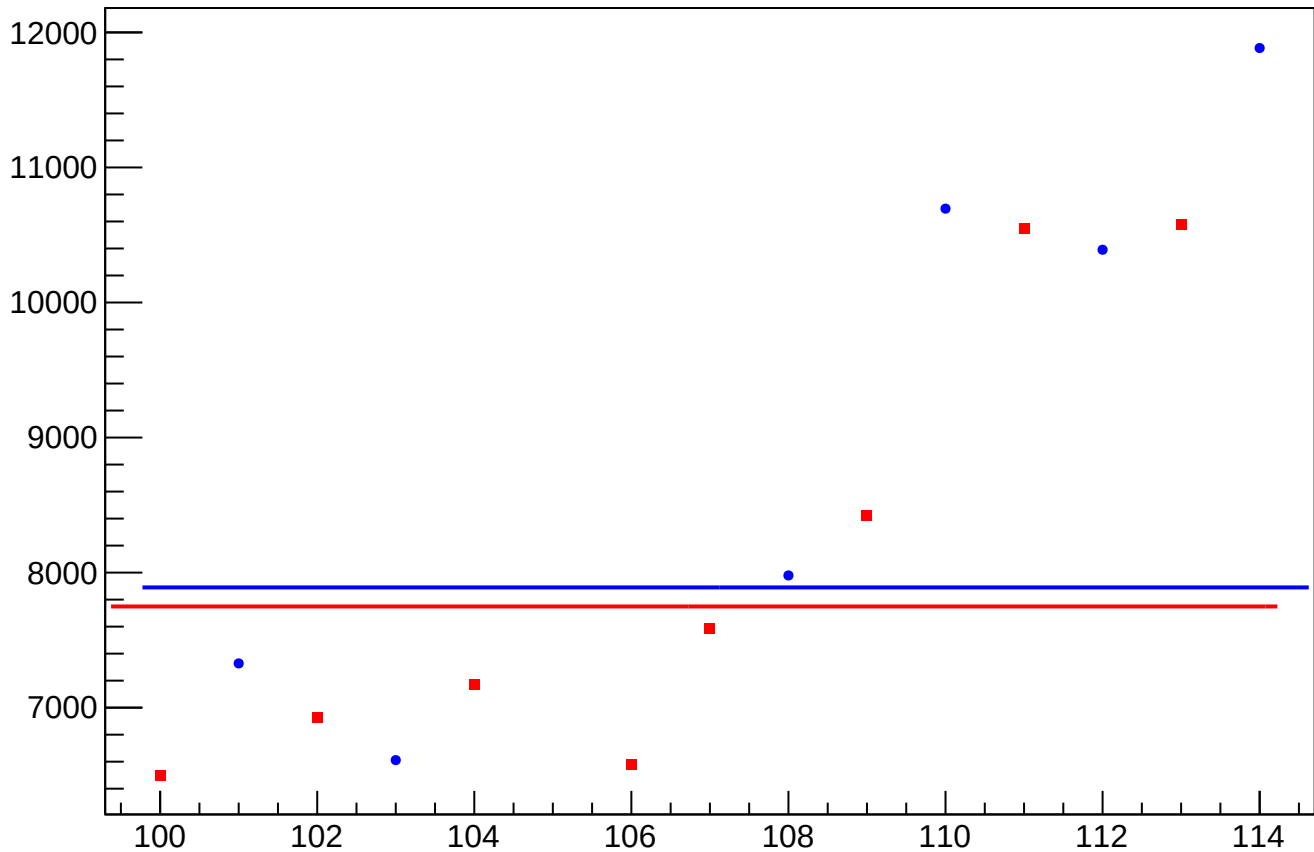
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.502+/-3.281 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 7890.230+/-3.497 χ^2/NDF : 188275.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7749.273+/-3.101 χ^2/NDF : 187306.2/7

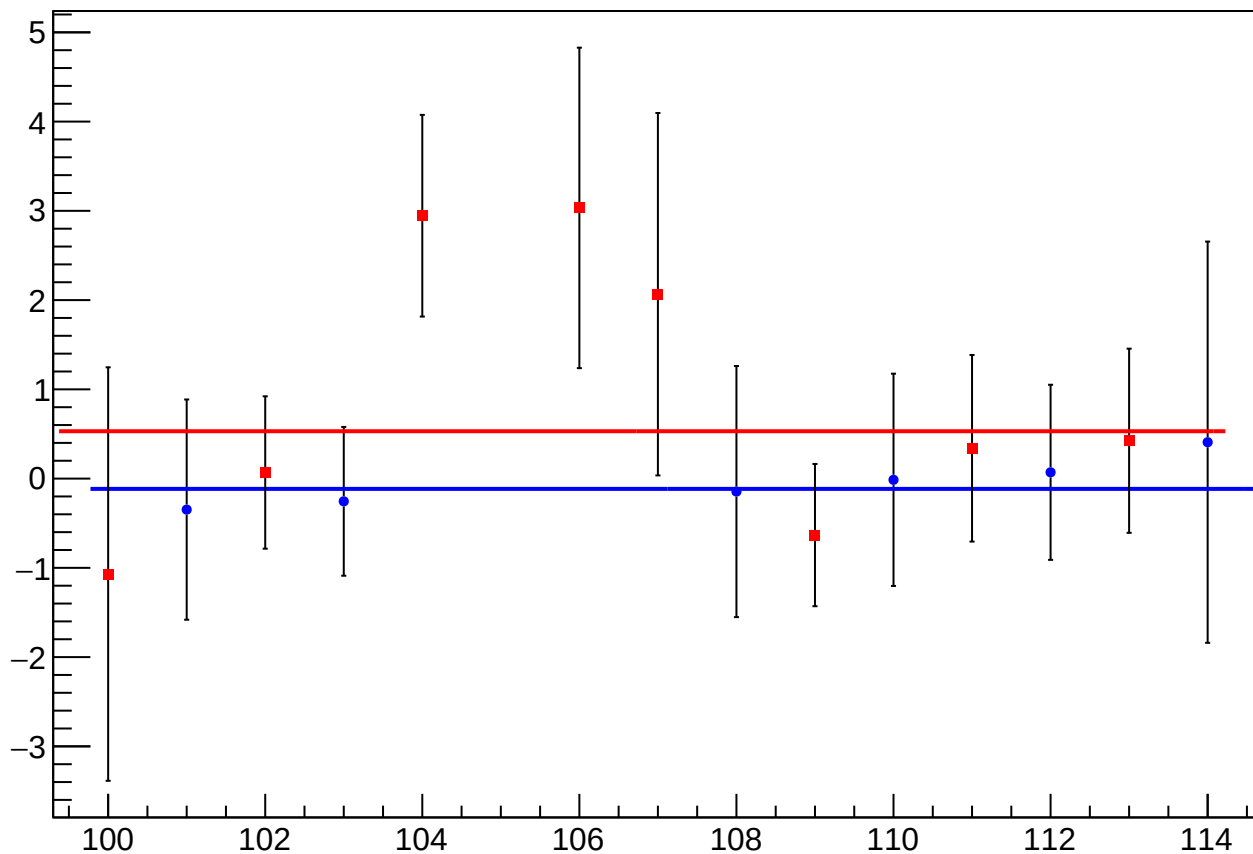
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7811.342+/-2.320 χ^2/NDF : 376491.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: -0.115 ± 0.469 χ^2/NDF : 0.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.531 ± 0.398 χ^2/NDF : 10.0/7

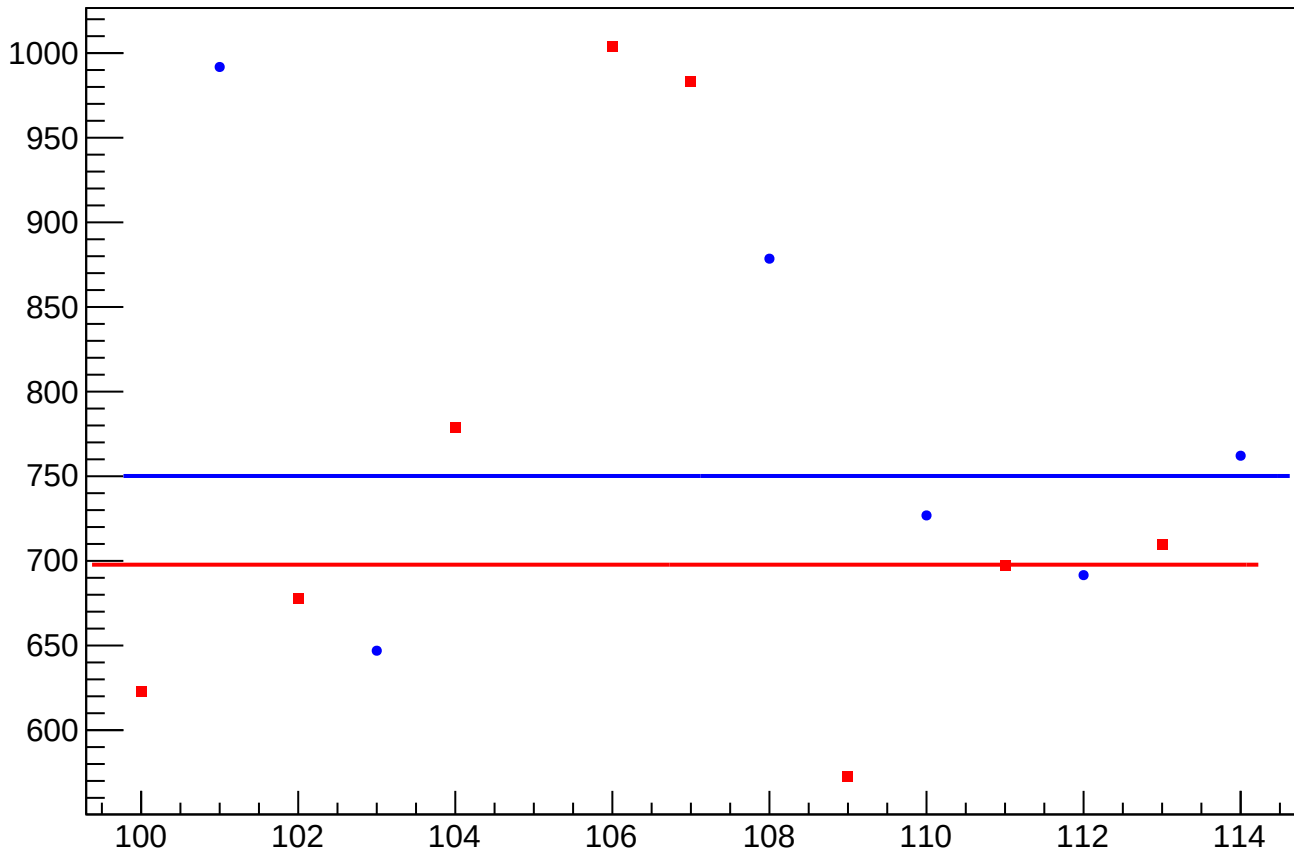
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.261 ± 0.303 χ^2/NDF : 11.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 750.162 $\pm$ 0.332 χ^2 /NDF: 131989.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 697.756 $\pm$ 0.281 χ^2 /NDF: 160940.8/7

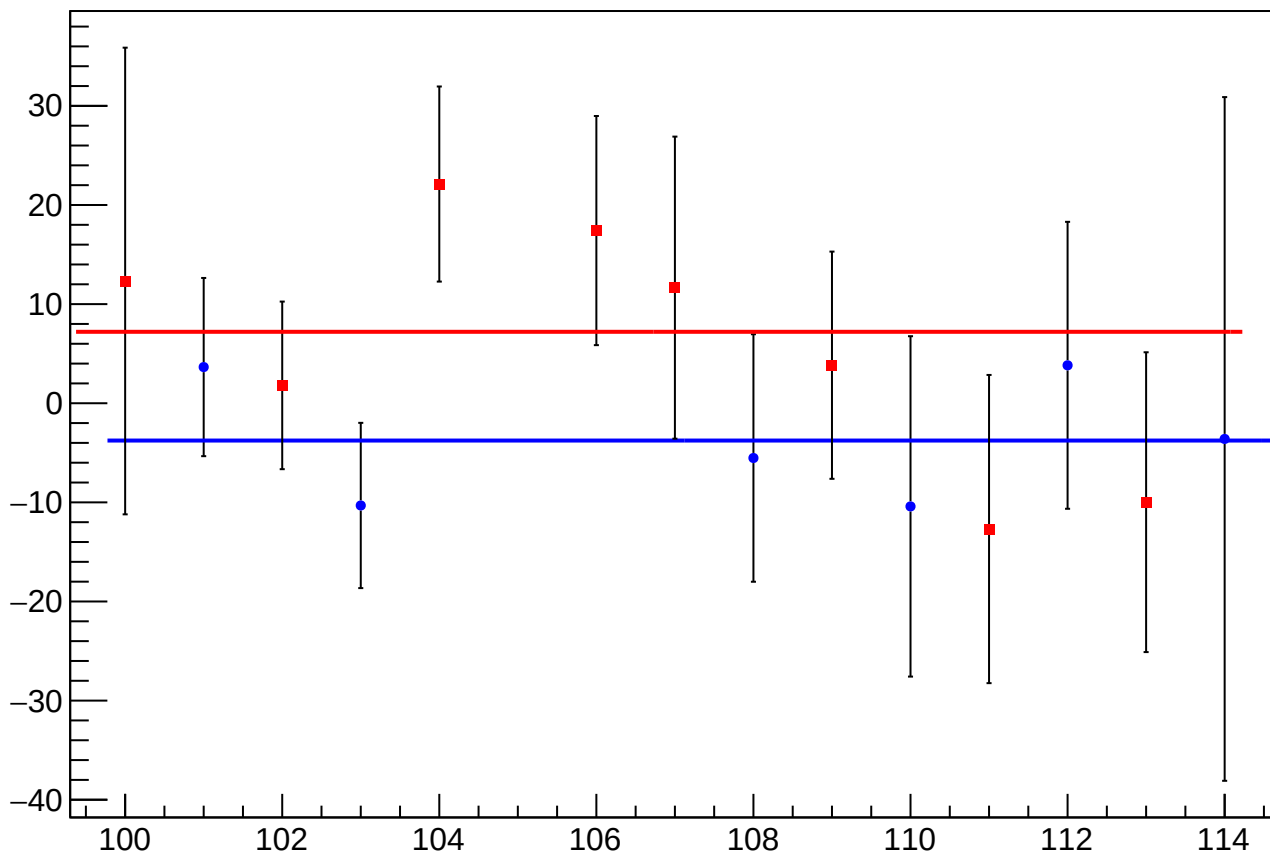
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 719.673 $\pm$ 0.214 χ^2 /NDF: 307457.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -3.763+/-4.869 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.207+/-4.302 χ^2/NDF : 6.6/7

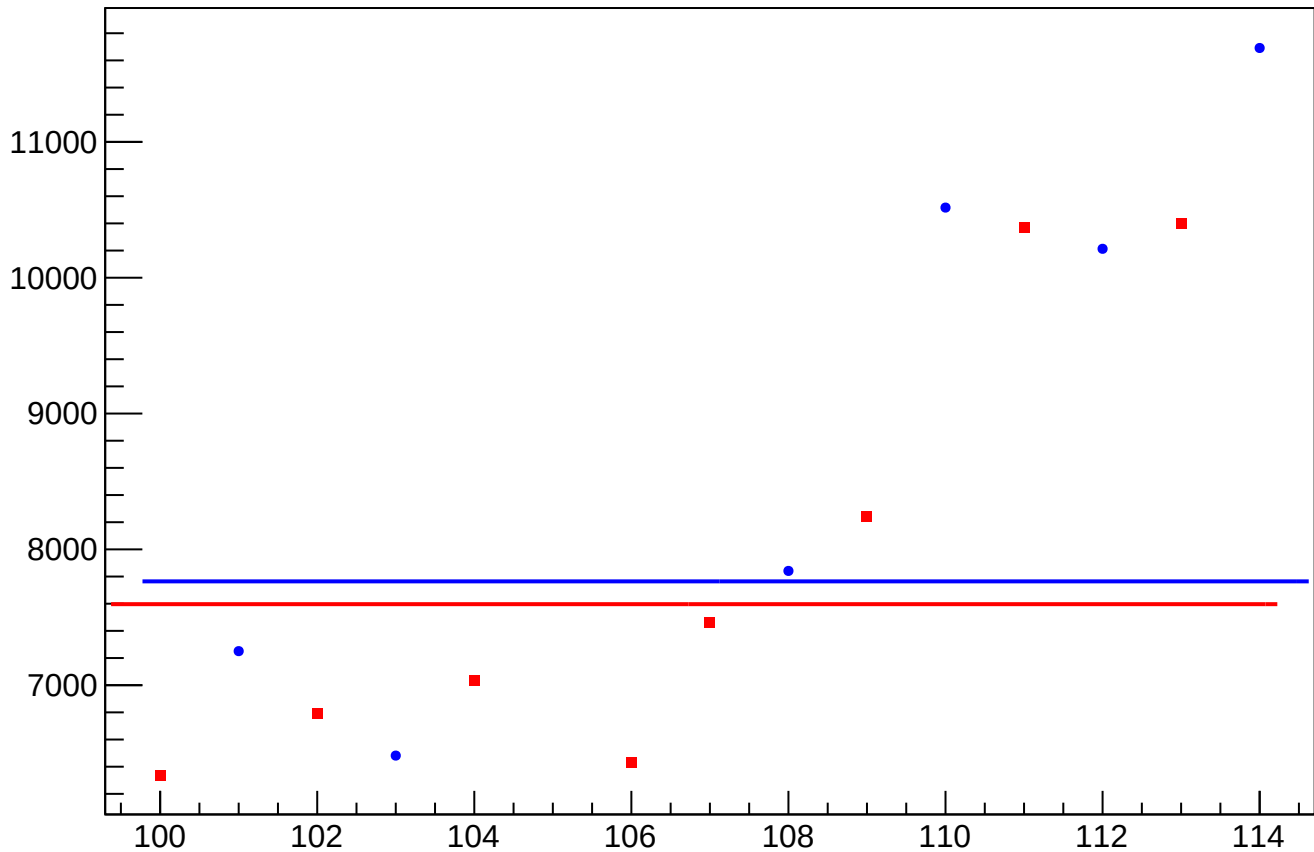
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.397+/-3.224 χ^2/NDF : 11.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 7764.466+/-3.443 χ^2/NDF : 188501.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7596.610+/-3.042 χ^2/NDF : 189580.1/7

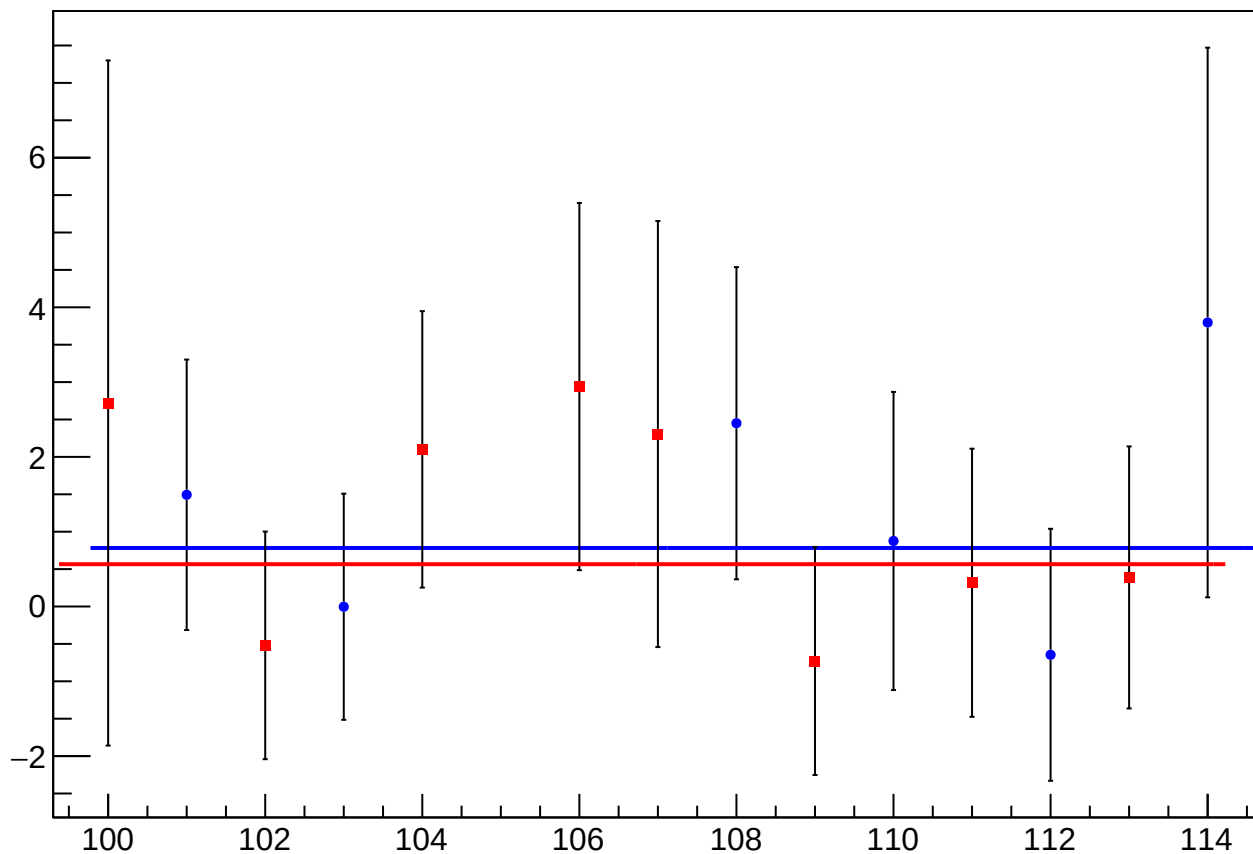
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7670.204+/-2.280 χ^2/NDF : 379416.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_dd_mean vs Slug



Right In: 0.782 $\pm$ 0.778 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.566 $\pm$ 0.685 χ^2 /NDF: 3.5/7

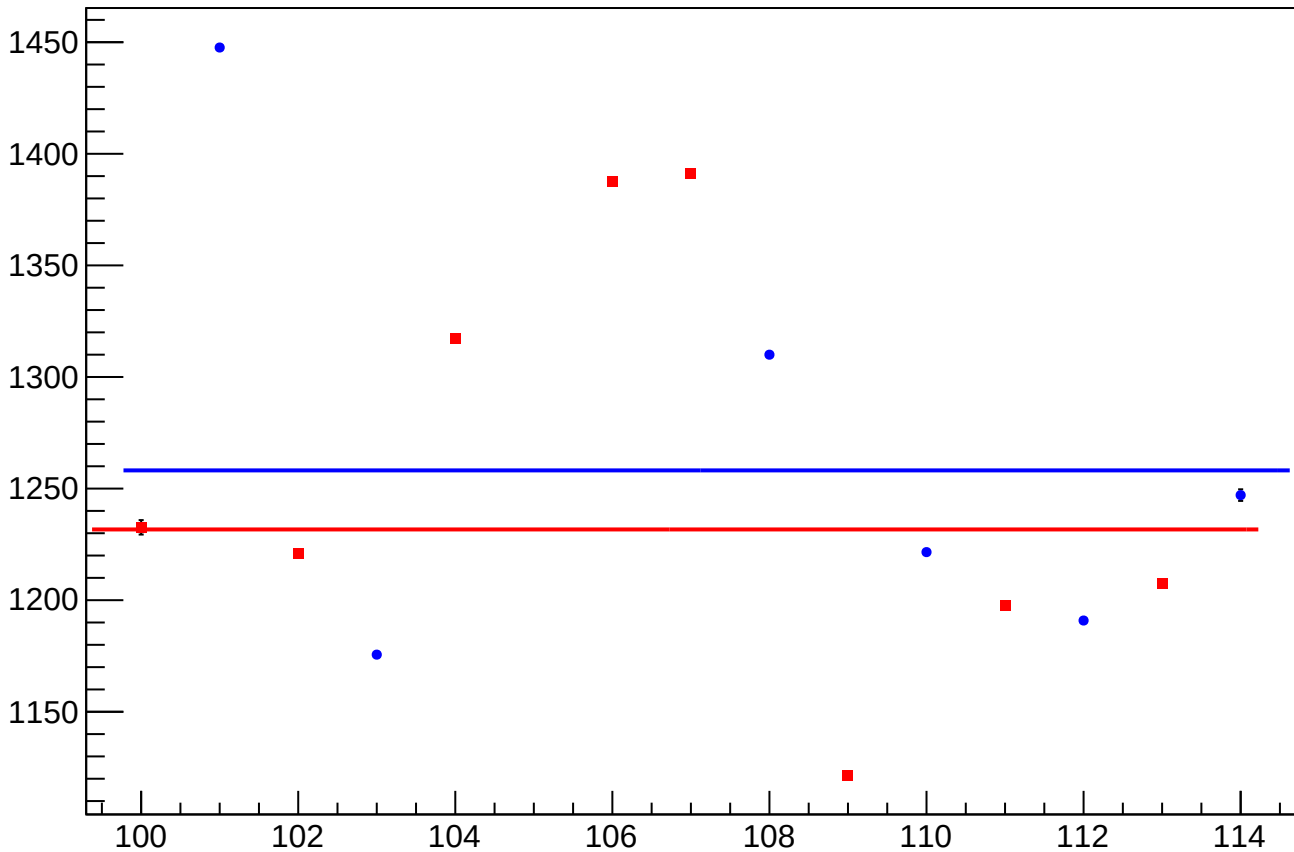
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.660 $\pm$ 0.514 χ^2 /NDF: 6.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1258.151+/-0.550 χ^2/NDF : 33047.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.693+/-0.485 χ^2/NDF : 30299.8/7

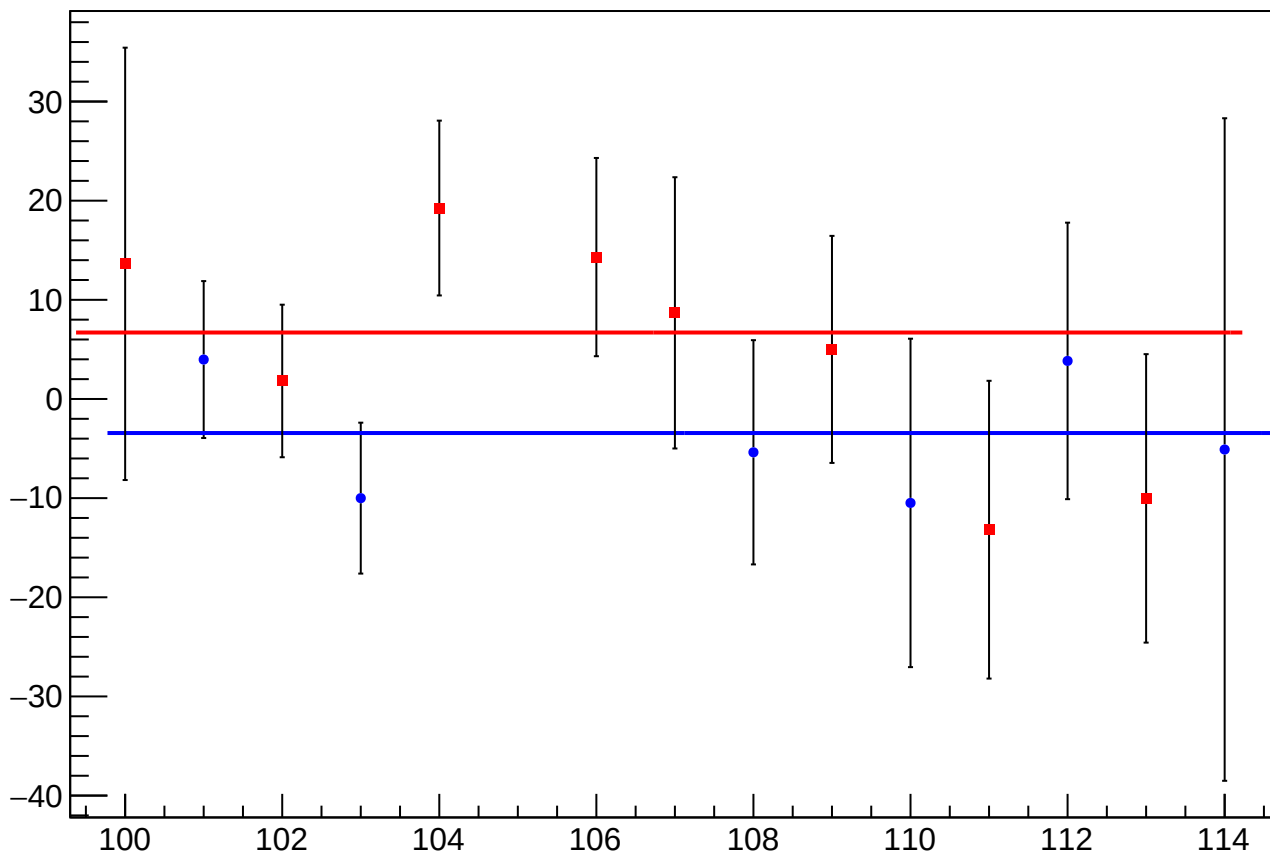
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1243.249+/-0.364 χ^2/NDF : 64649.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: -3.434+/-4.439 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.703+/-3.953 χ^2/NDF : 6.2/7

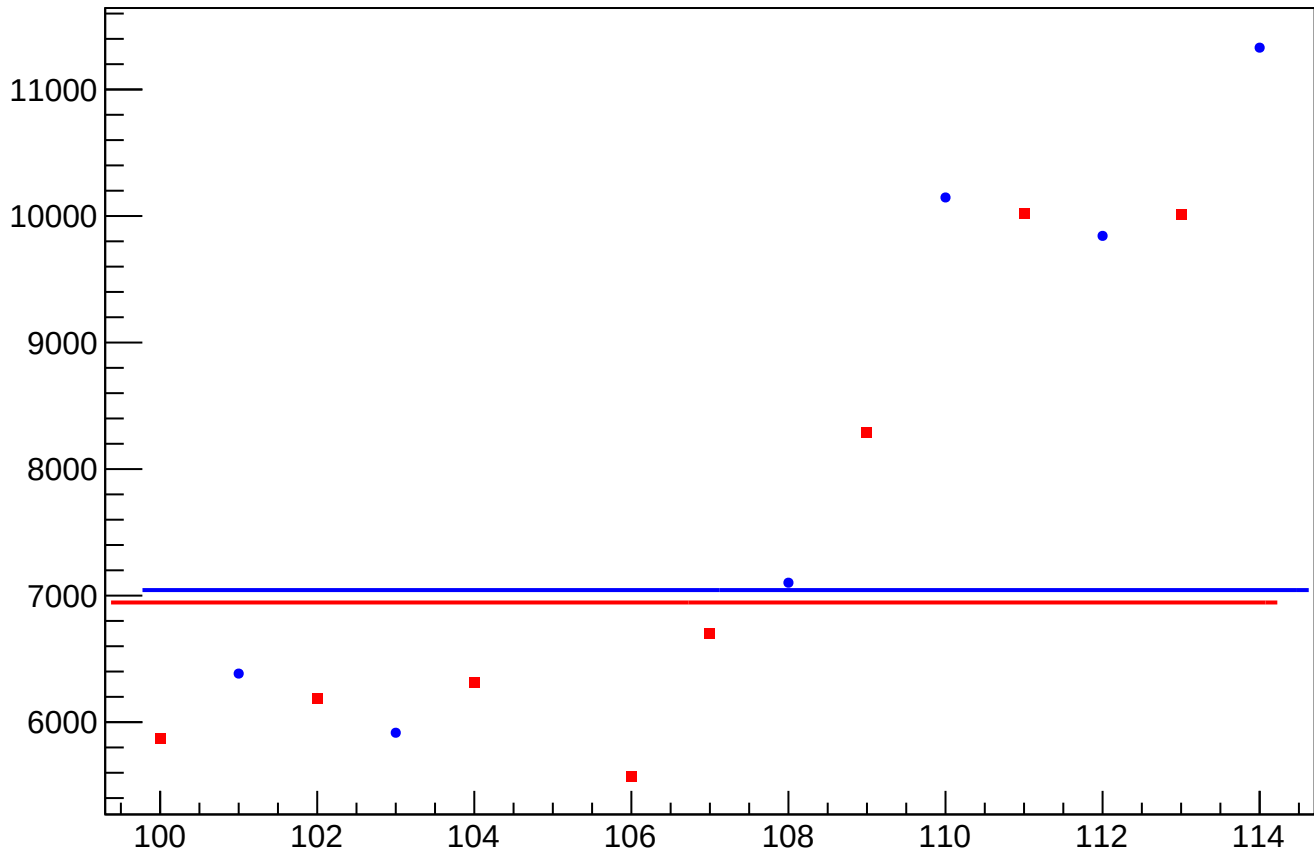
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.221+/-2.952 χ^2/NDF : 11.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7043.785 $\pm$ 3.139 χ^2 /NDF: 241586.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6945.699 $\pm$ 2.795 χ^2 /NDF: 273134.1/7

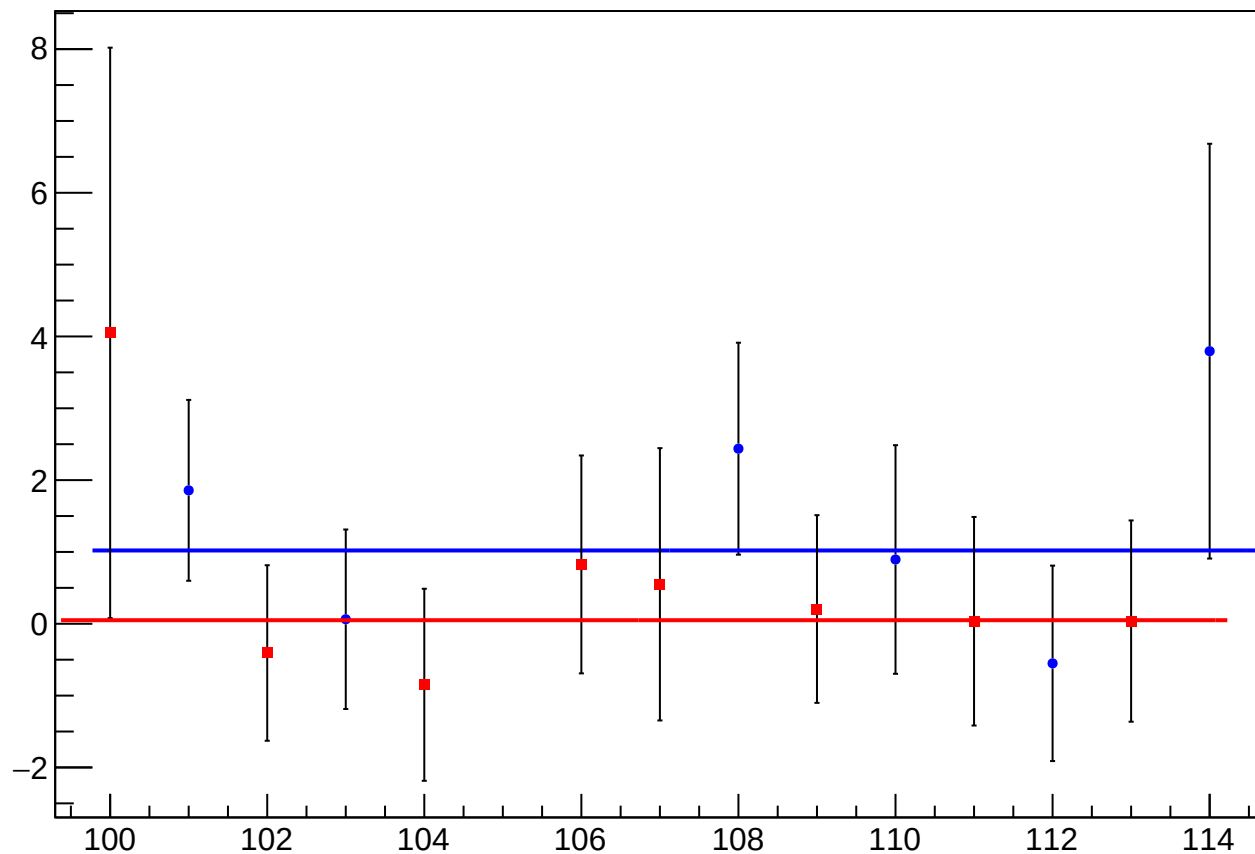
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6989.072 $\pm$ 2.087 χ^2 /NDF: 515265.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 1.020 $\pm$ 0.599 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.050 $\pm$ 0.529 χ^2 /NDF: 2.0/7

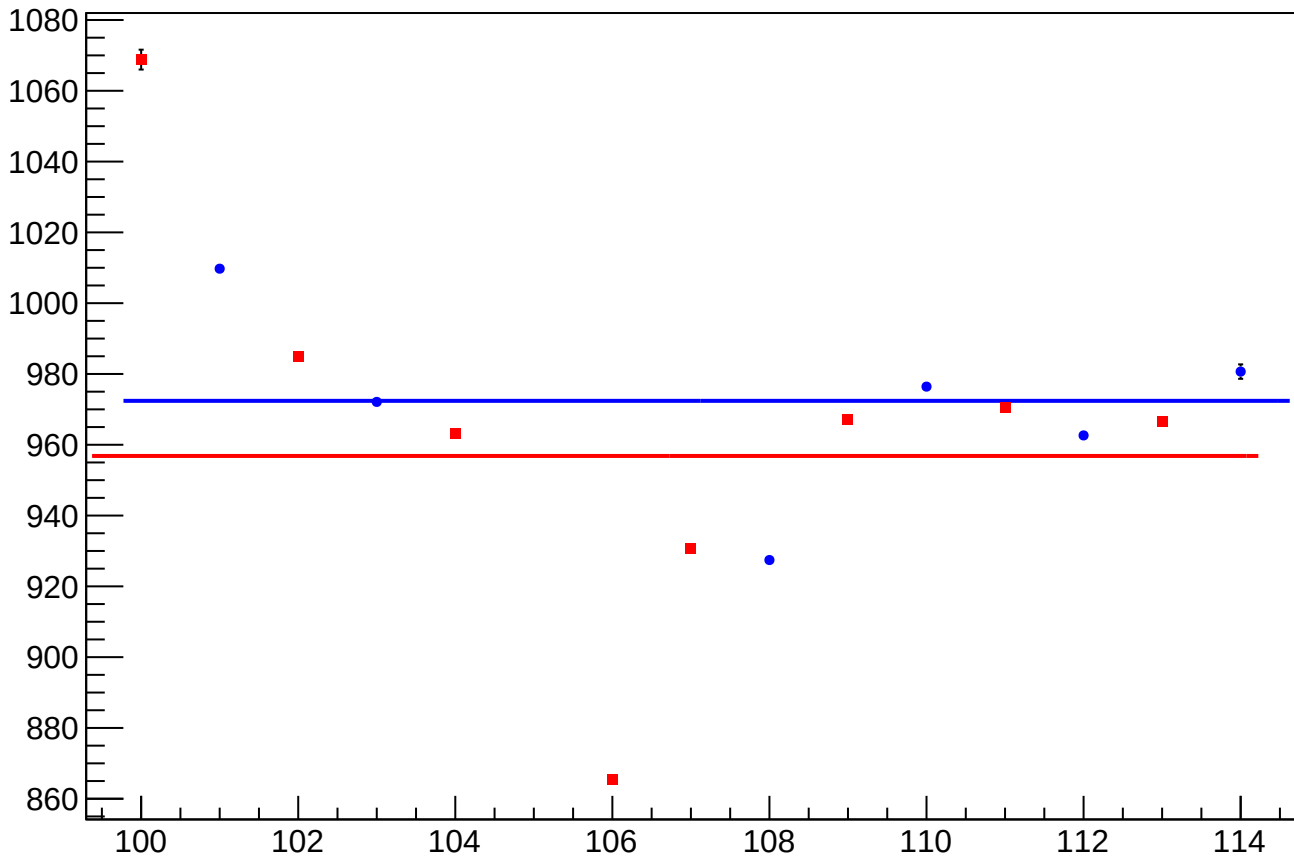
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.475 $\pm$ 0.396 χ^2 /NDF: 7.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 972.408 $\pm$ 0.424 χ^2 /NDF: 3749.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 956.840 $\pm$ 0.374 χ^2 /NDF: 10717.0/7

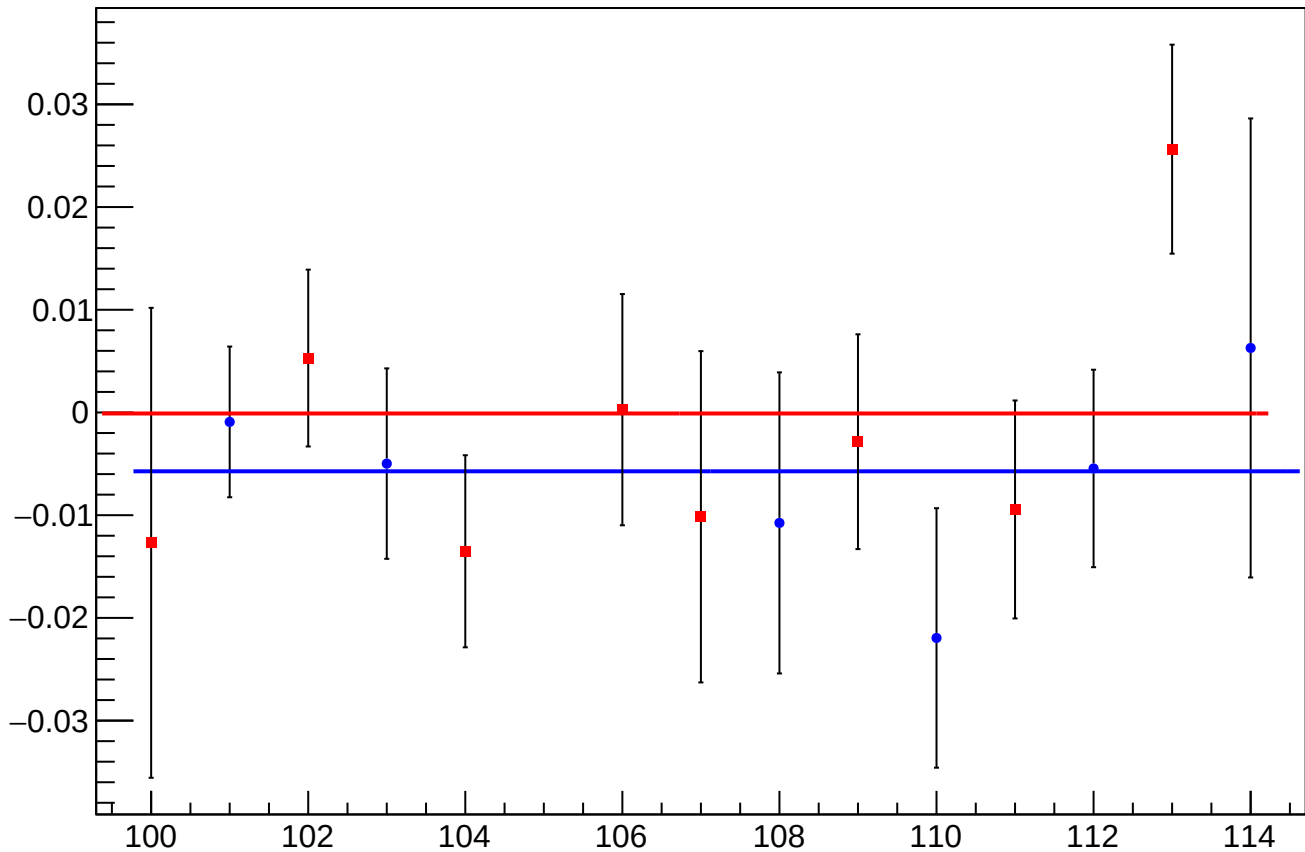
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 963.658 $\pm$ 0.280 χ^2 /NDF: 15225.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



Right In: -0.006 $\pm$ 0.004 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.004 χ^2 /NDF: 10.4/7

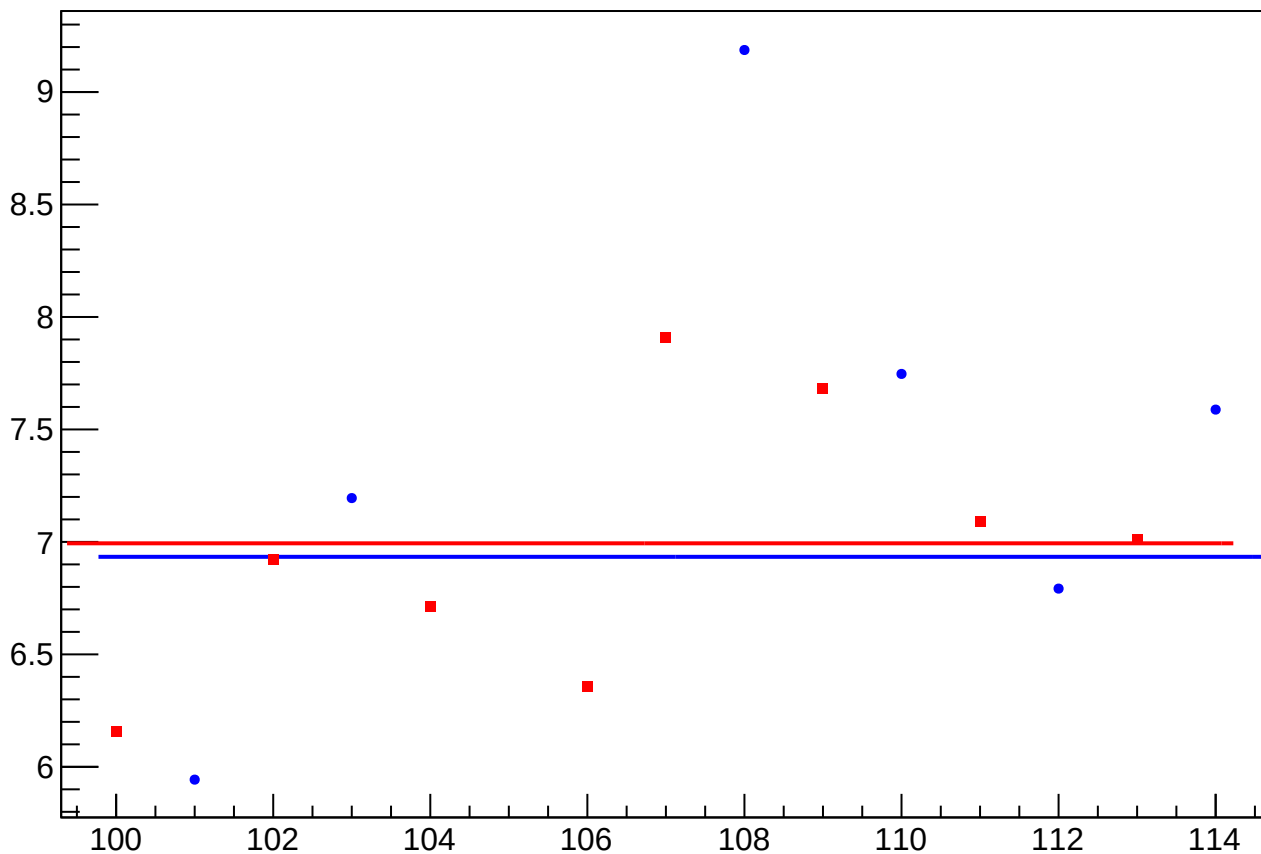
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.003 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 6.934 $\pm$ 0.003 χ^2 /NDF: 95748.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.994 $\pm$ 0.003 χ^2 /NDF: 26301.7/7

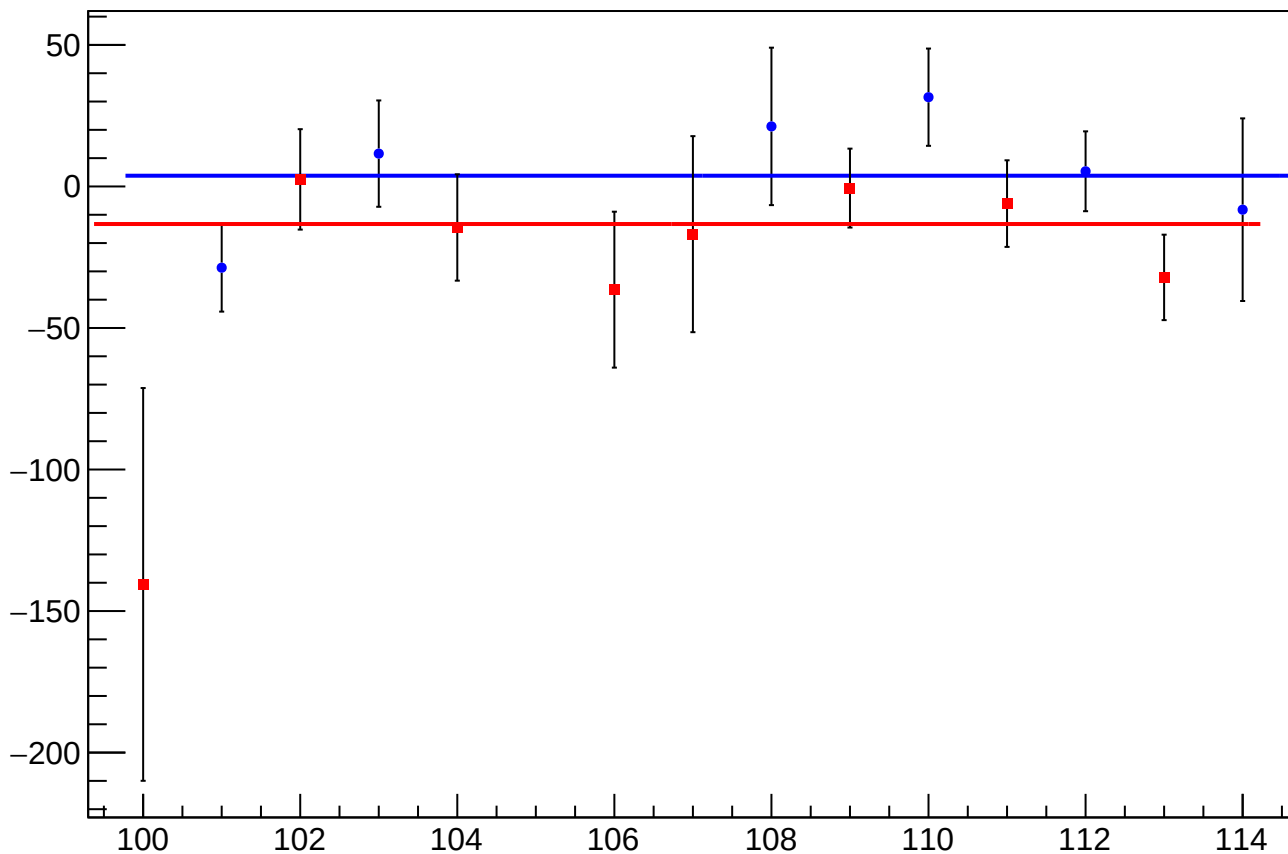
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.967 $\pm$ 0.002 χ^2 /NDF: 122264.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_mean vs Slug



Right In: 3.796 ± 7.526 χ^2/NDF : 7.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.269 ± 6.714 χ^2/NDF : 7.5/7

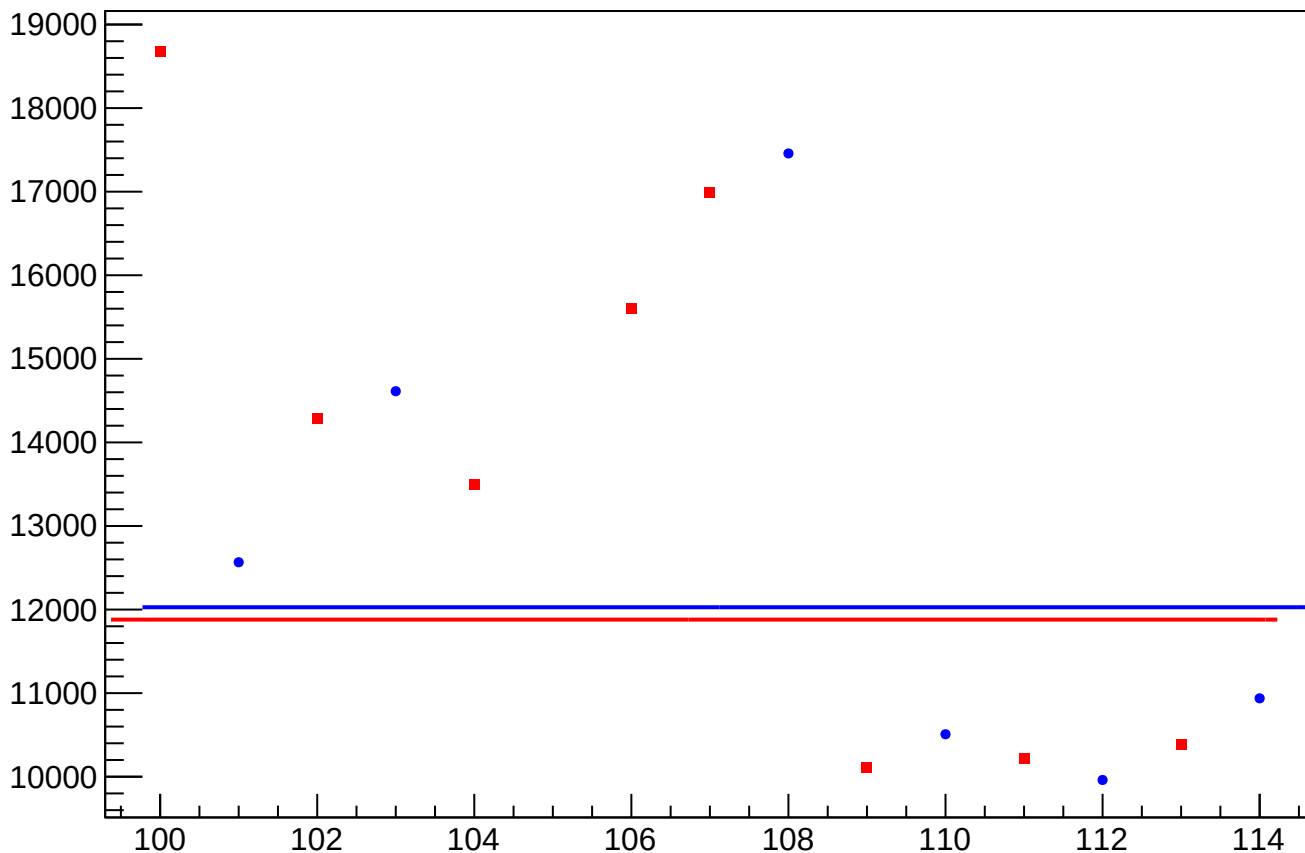
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.706 ± 5.010 χ^2/NDF : 18.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 12027.785+/-5.322 χ^2/NDF : 177369.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11879.841+/-4.748 χ^2/NDF : 226417.0/7

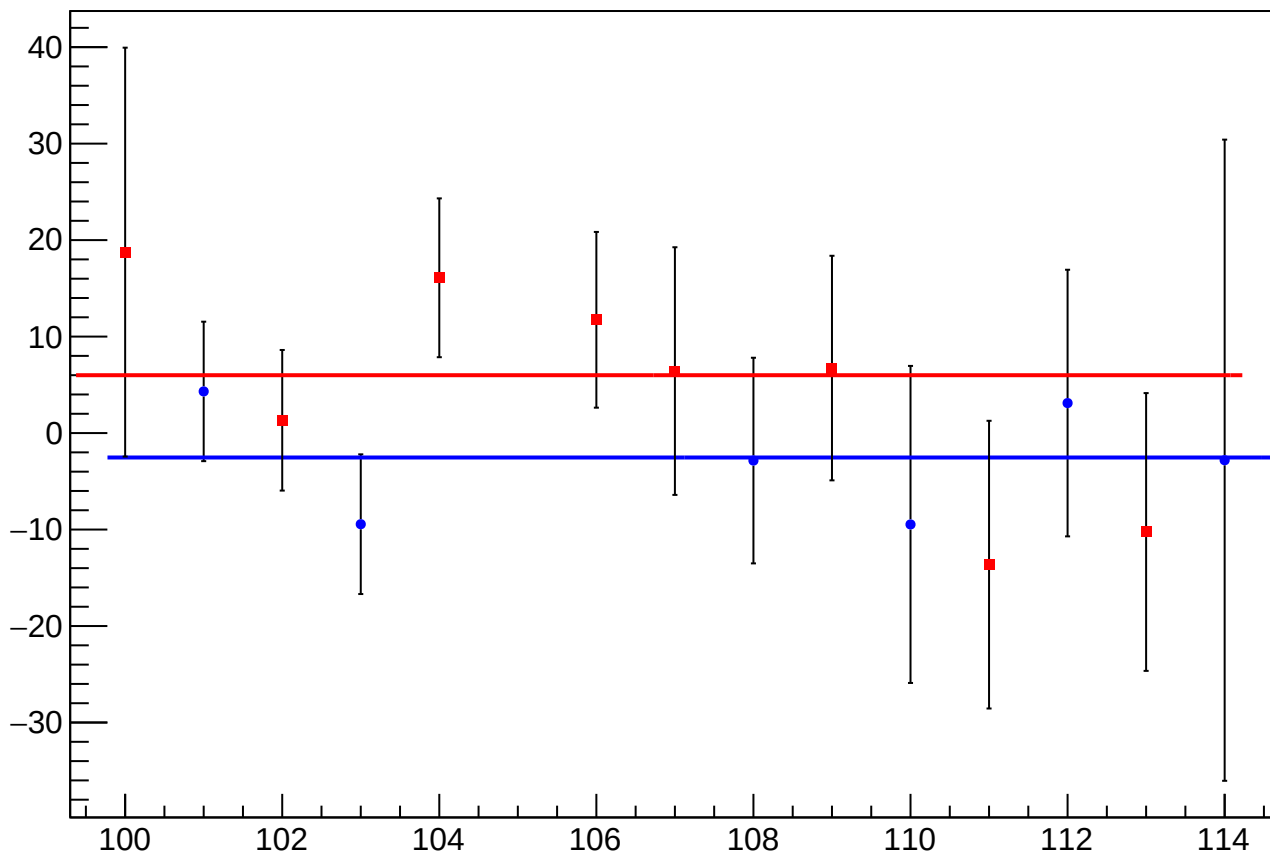
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11945.406+/-3.543 χ^2/NDF : 404216.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



Right In: -2.532+/-4.193 χ^2/NDF : 2.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.997+/-3.762 χ^2/NDF : 5.7/7

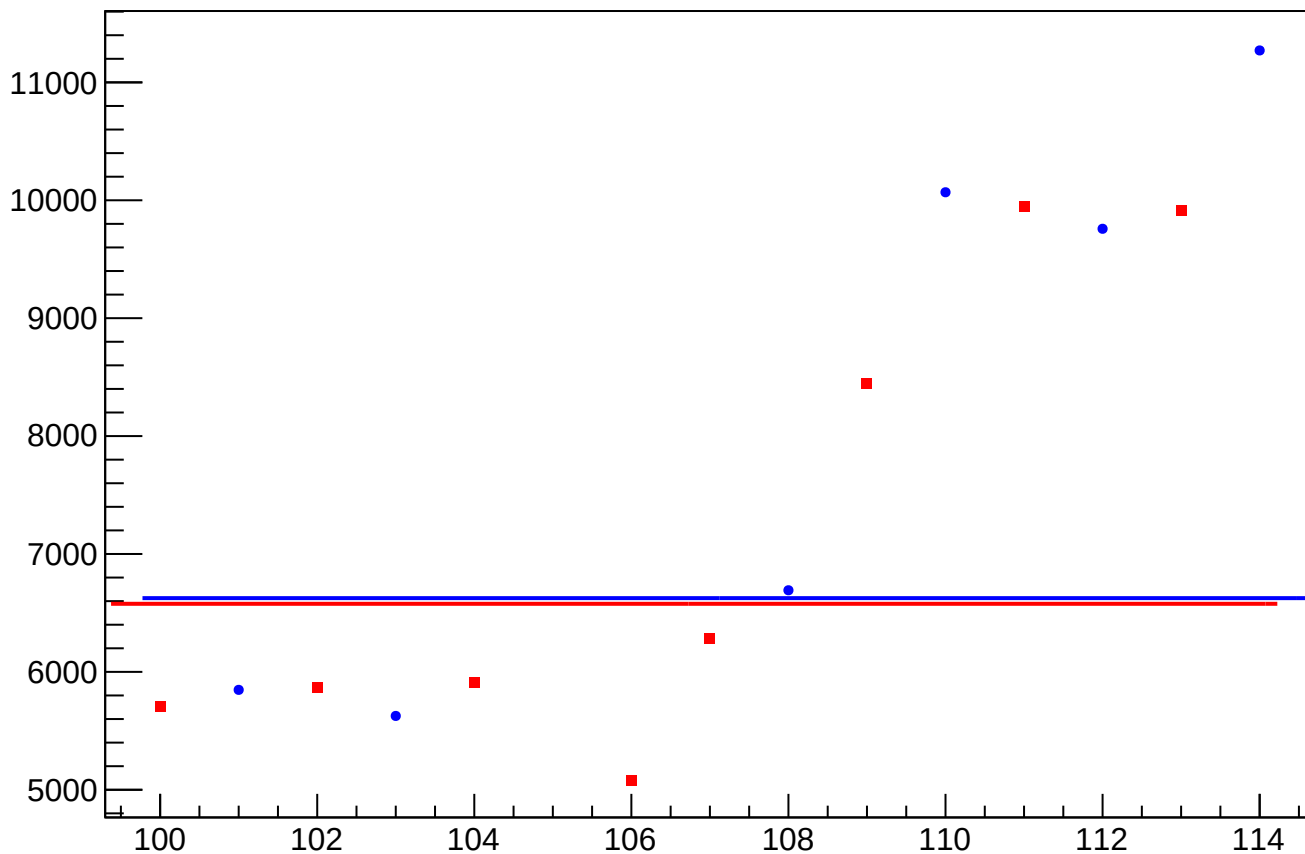
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.193+/-2.800 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 6625.434+/-2.965 χ^2/NDF : 291062.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6577.440+/-2.660 χ^2/NDF : 351899.7/7

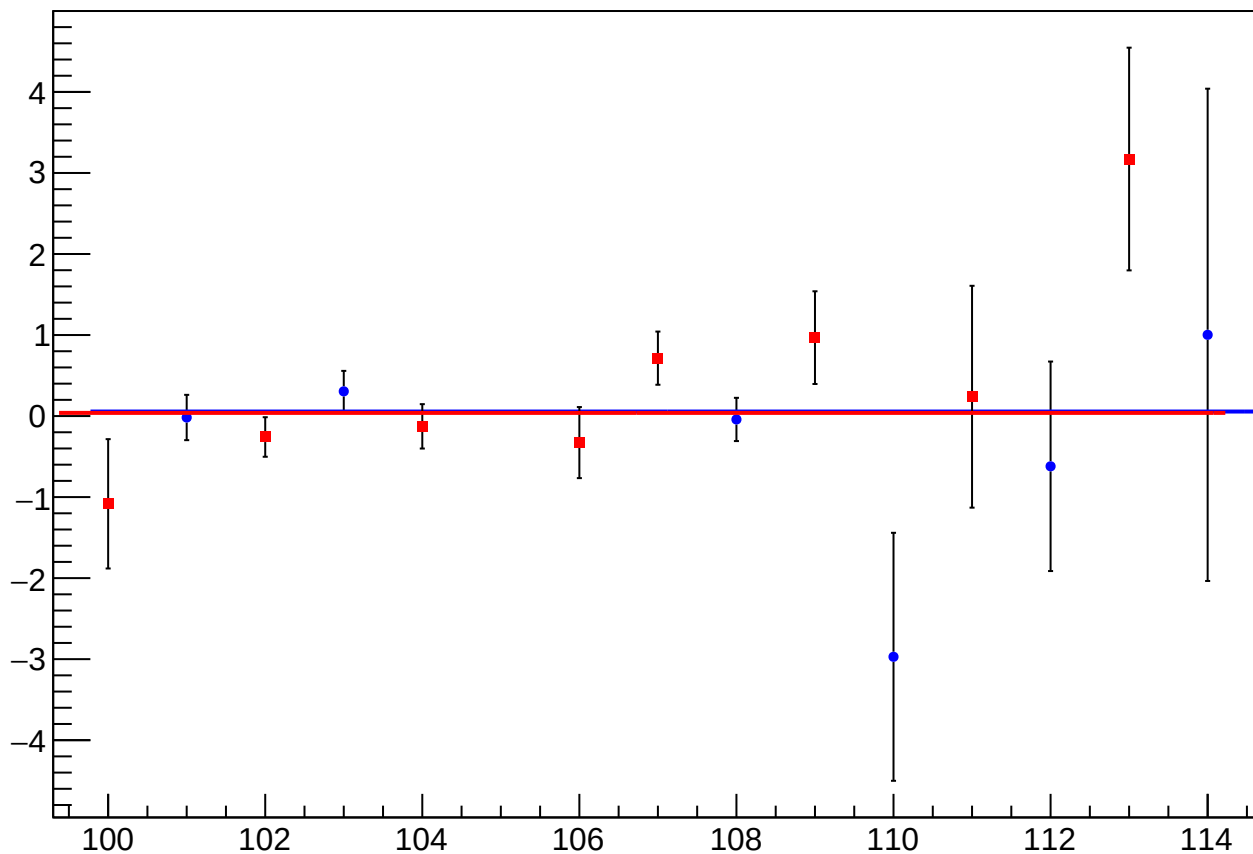
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6598.846+/-1.980 χ^2/NDF : 643107.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.056 $\pm$ 0.151 χ^2 /NDF: 5.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.039 $\pm$ 0.141 χ^2 /NDF: 16.6/7

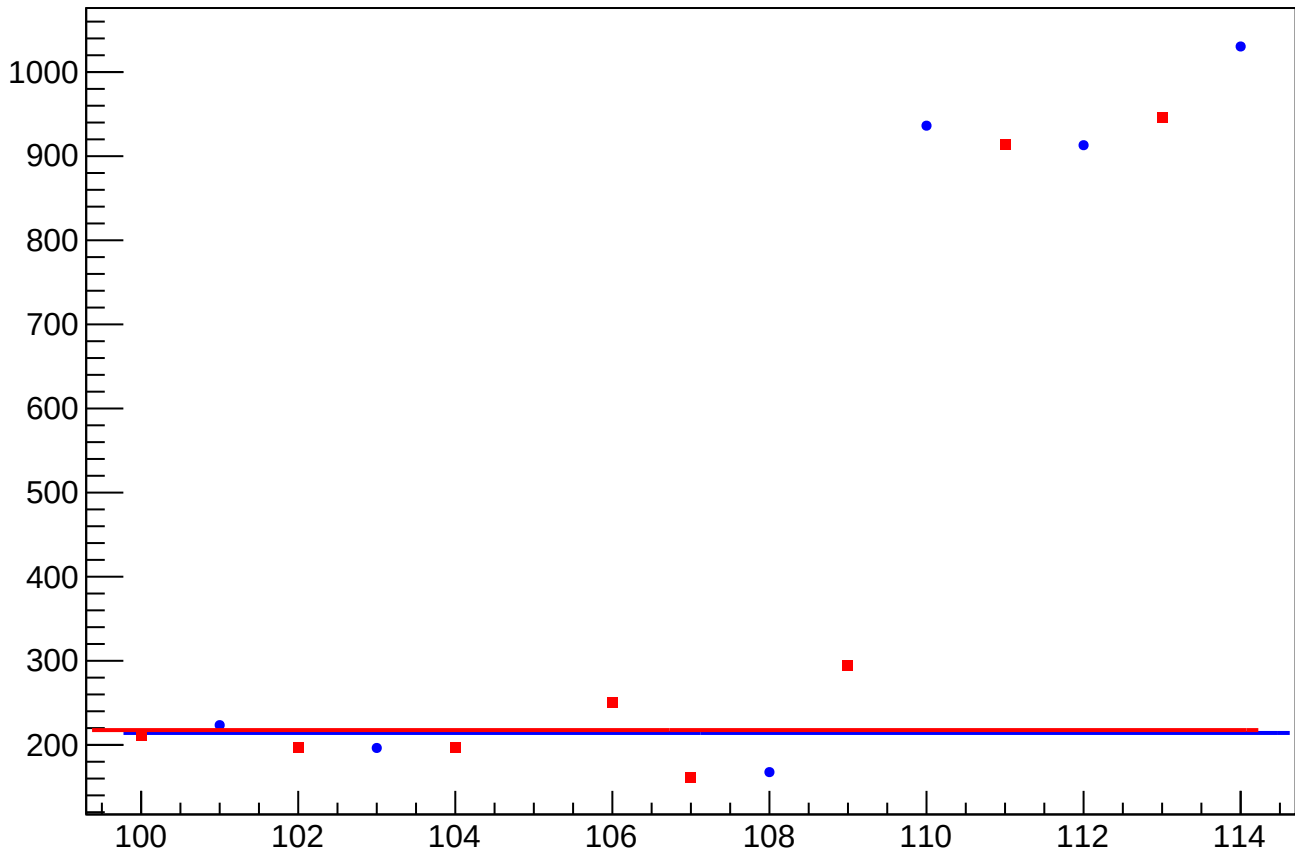
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.047 $\pm$ 0.103 χ^2 /NDF: 22.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 214.221+/-0.107 χ^2/NDF : 1247240.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.623+/-0.100 χ^2/NDF : 1213054.8/7

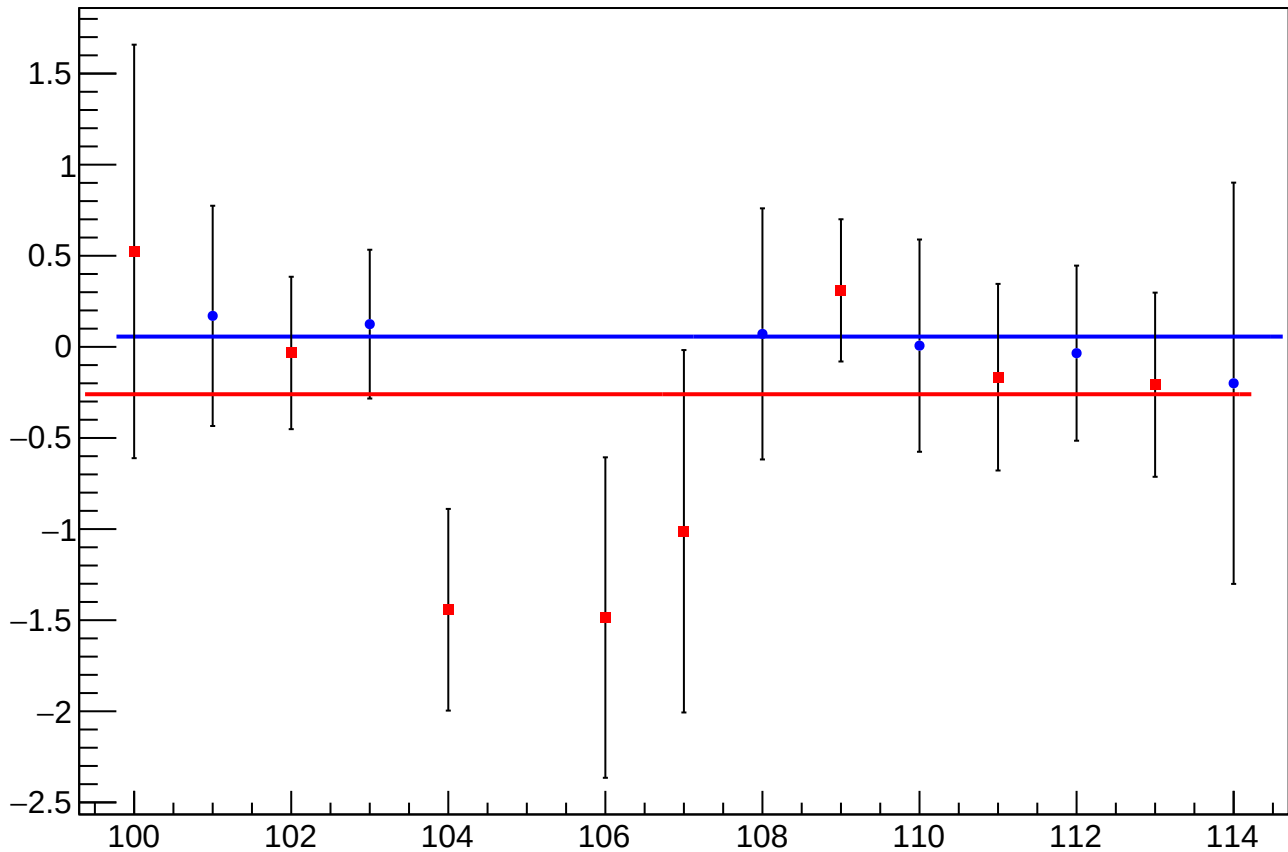
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.042+/-0.073 χ^2/NDF : 2460835.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: 0.056 $\pm$ 0.230 χ^2 /NDF: 0.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.260 $\pm$ 0.195 χ^2 /NDF: 10.0/7

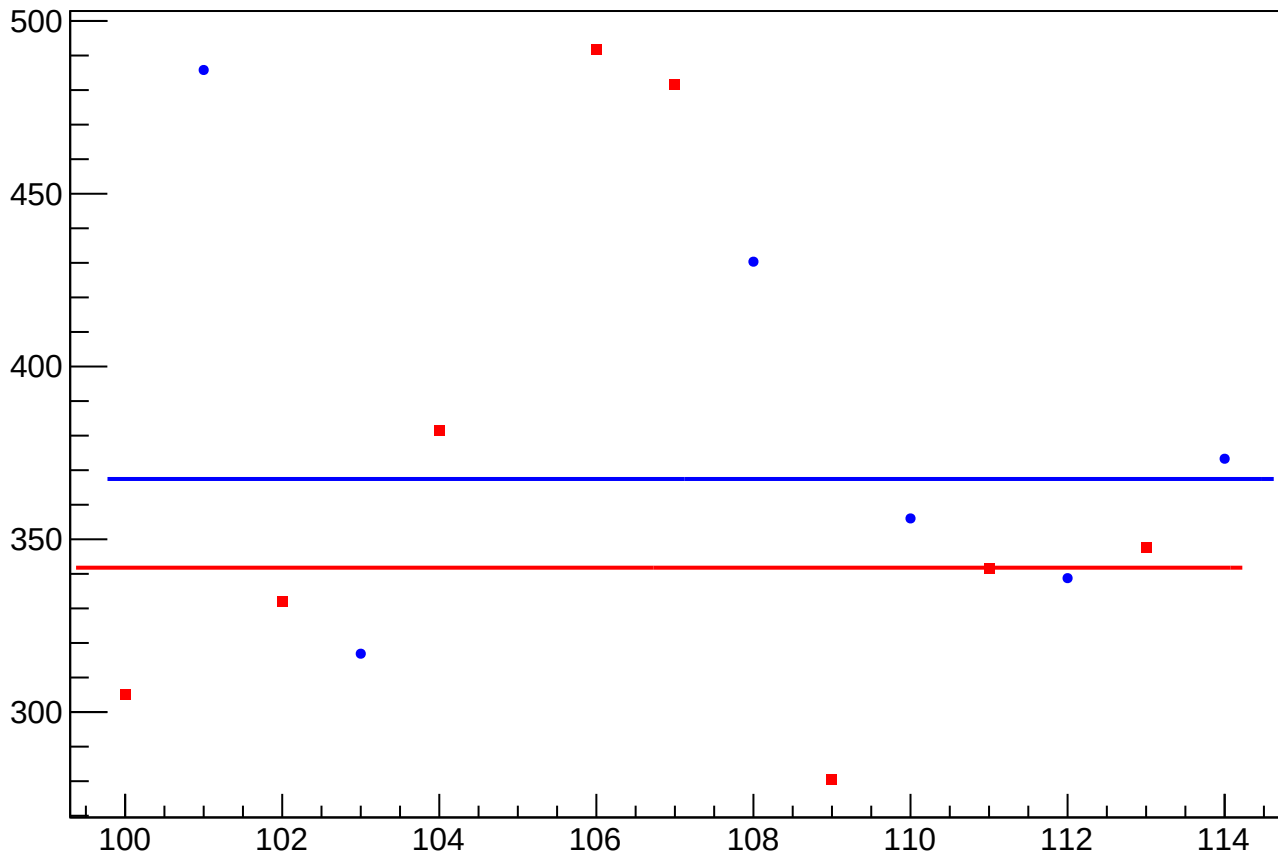
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.128 $\pm$ 0.149 χ^2 /NDF: 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 367.456+/-0.162 χ^2/NDF : 131989.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 341.786+/-0.138 χ^2/NDF : 160940.8/7

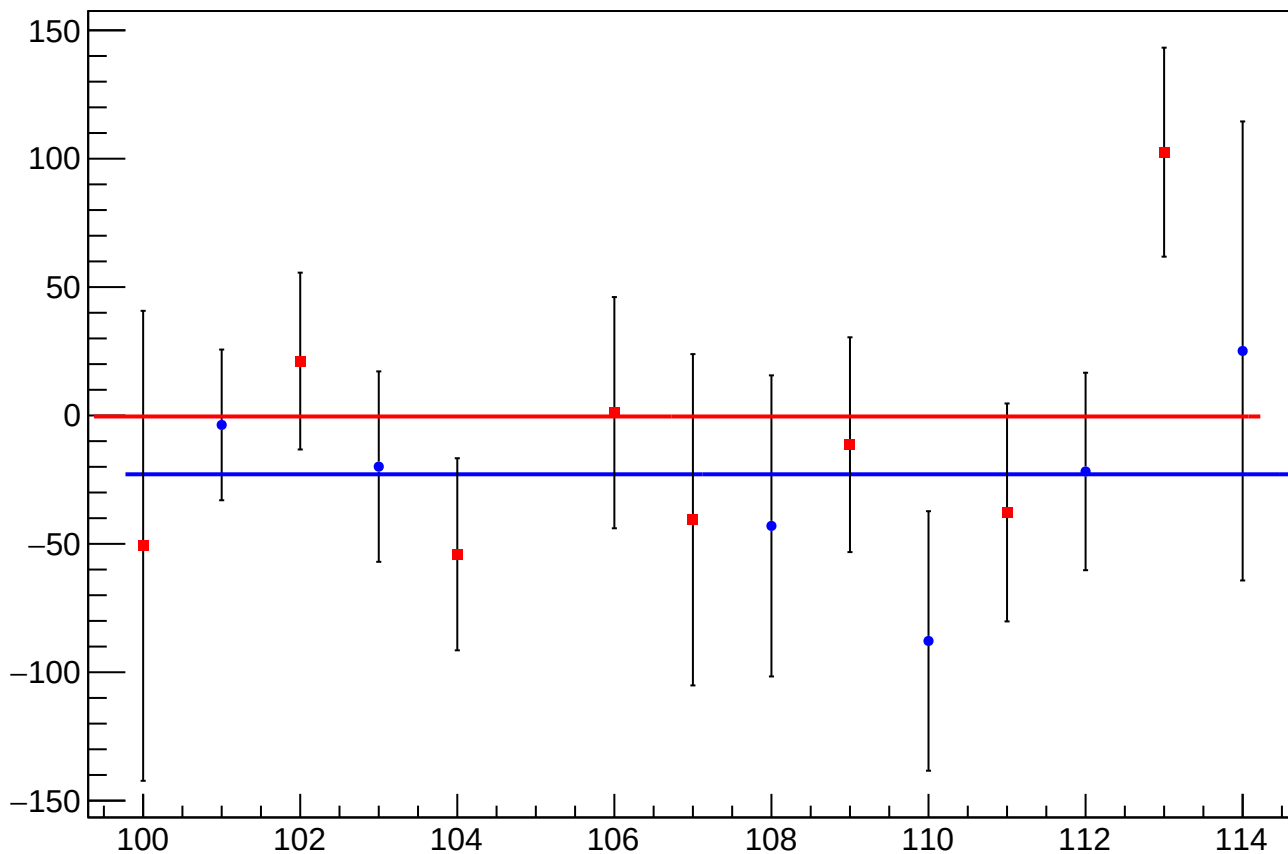
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.522+/-0.105 χ^2/NDF : 307457.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_mean vs Slug



Right In: -22.907 ± 17.220 χ^2/NDF : 2.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.387 ± 15.538 χ^2/NDF : 10.4/7

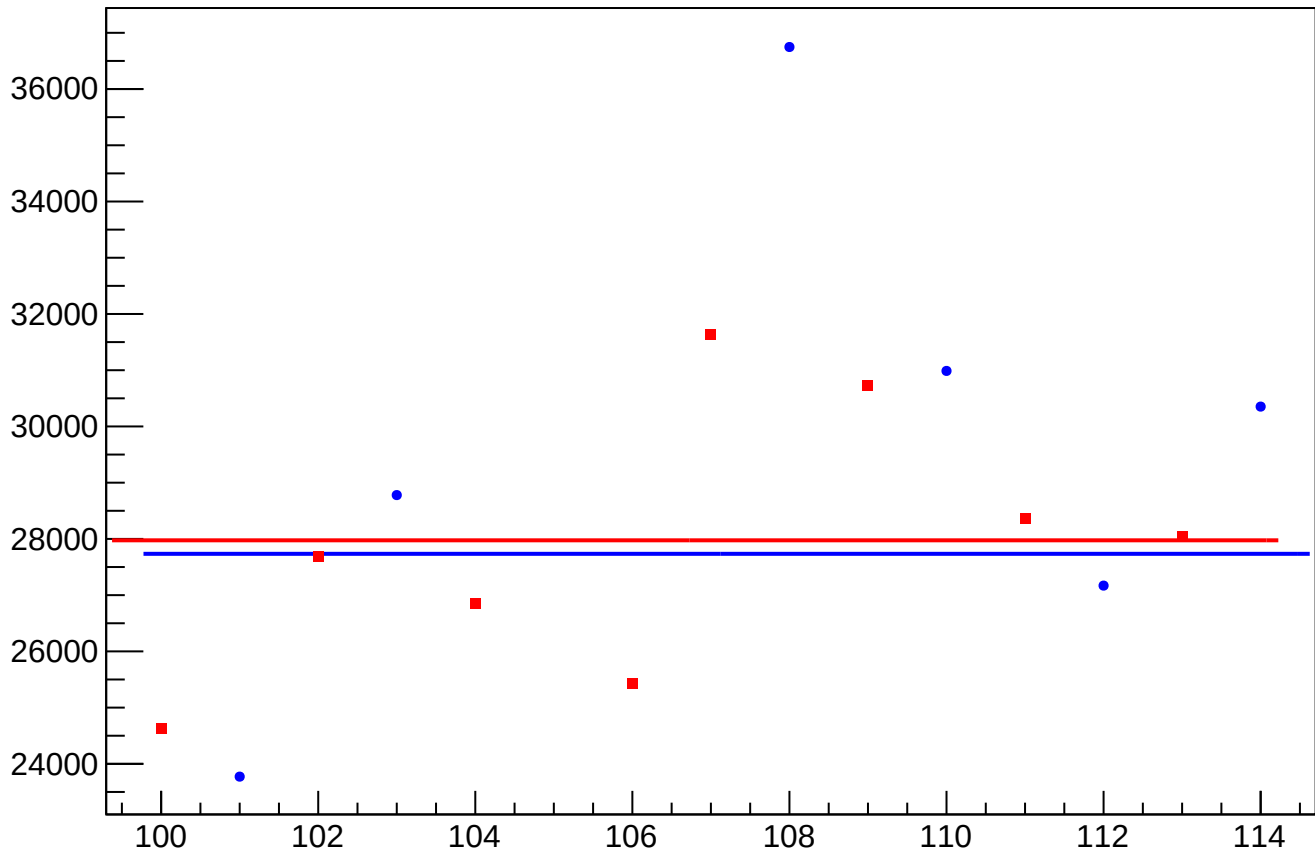
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.494 ± 11.536 χ^2/NDF : 13.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmE_rms vs Slug



Right In: 27734.820+/-12.176 χ^2/NDF : 95748.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27975.041+/-10.987 χ^2/NDF : 26301.7/7

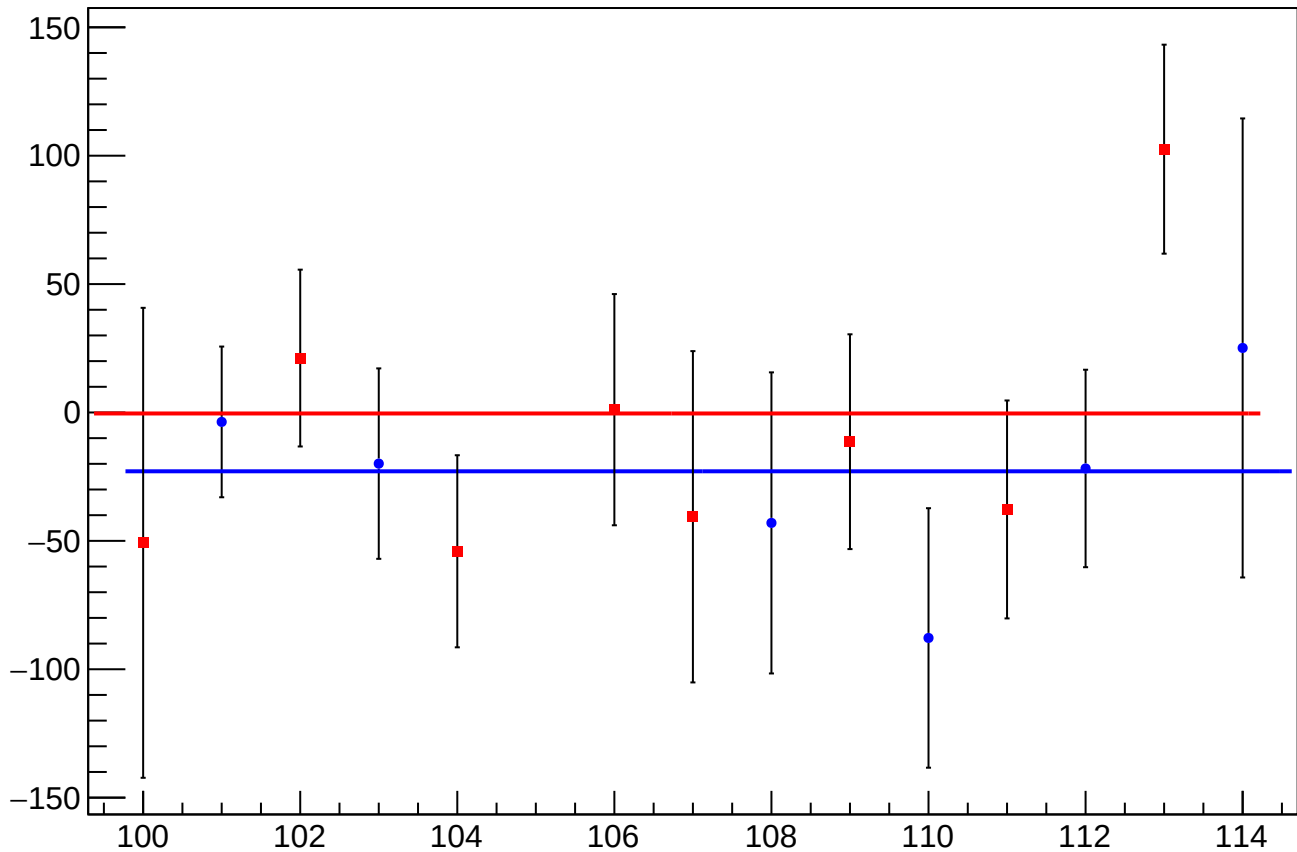
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27867.233+/-8.157 χ^2/NDF : 122264.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_mean vs Slug



Right In: -22.907 $\pm$ 17.220 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.387 $\pm$ 15.538 χ^2 /NDF: 10.4/7

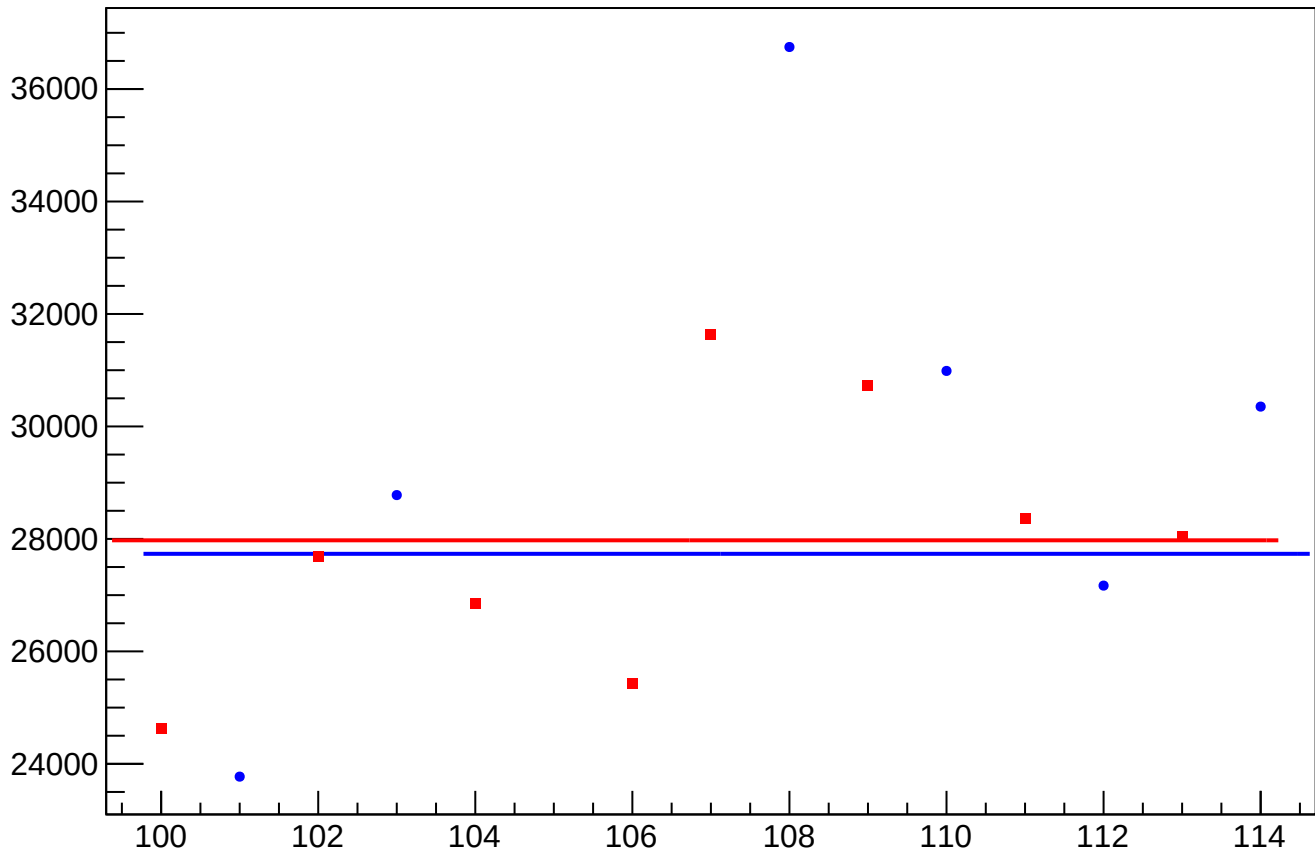
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.494 $\pm$ 11.536 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmEX_rms vs Slug



Right In: 27734.820 $\pm$ 12.176 χ^2 /NDF: 95748.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

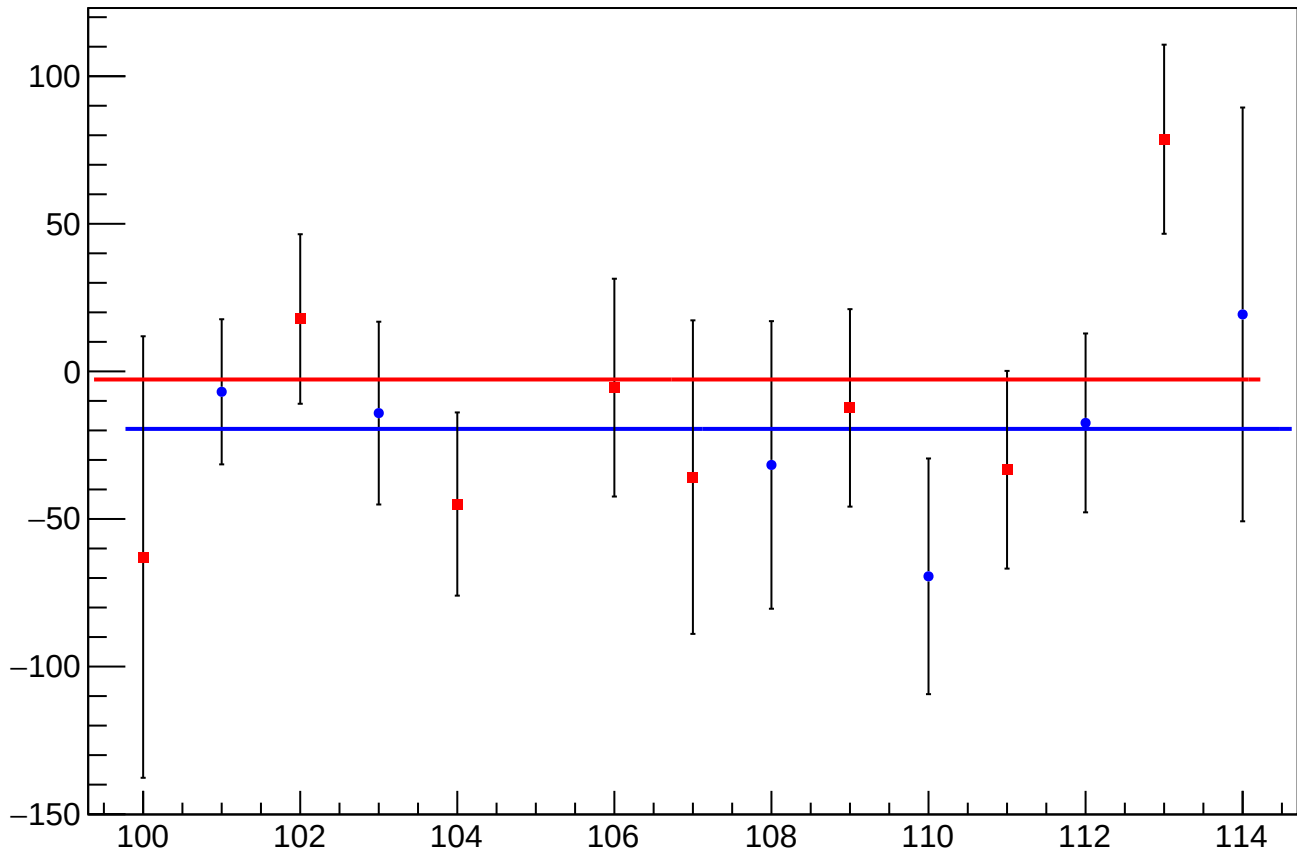
Right Out: 27975.041 $\pm$ 10.987 χ^2 /NDF: 26301.7/7

All: 27867.233 $\pm$ 8.157 χ^2 /NDF: 122264.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_11X12X_mean vs Slug



Right In: -19.483 $\pm$ 14.087 χ^2/NDF : 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.744 $\pm$ 12.620 χ^2/NDF : 10.8/7

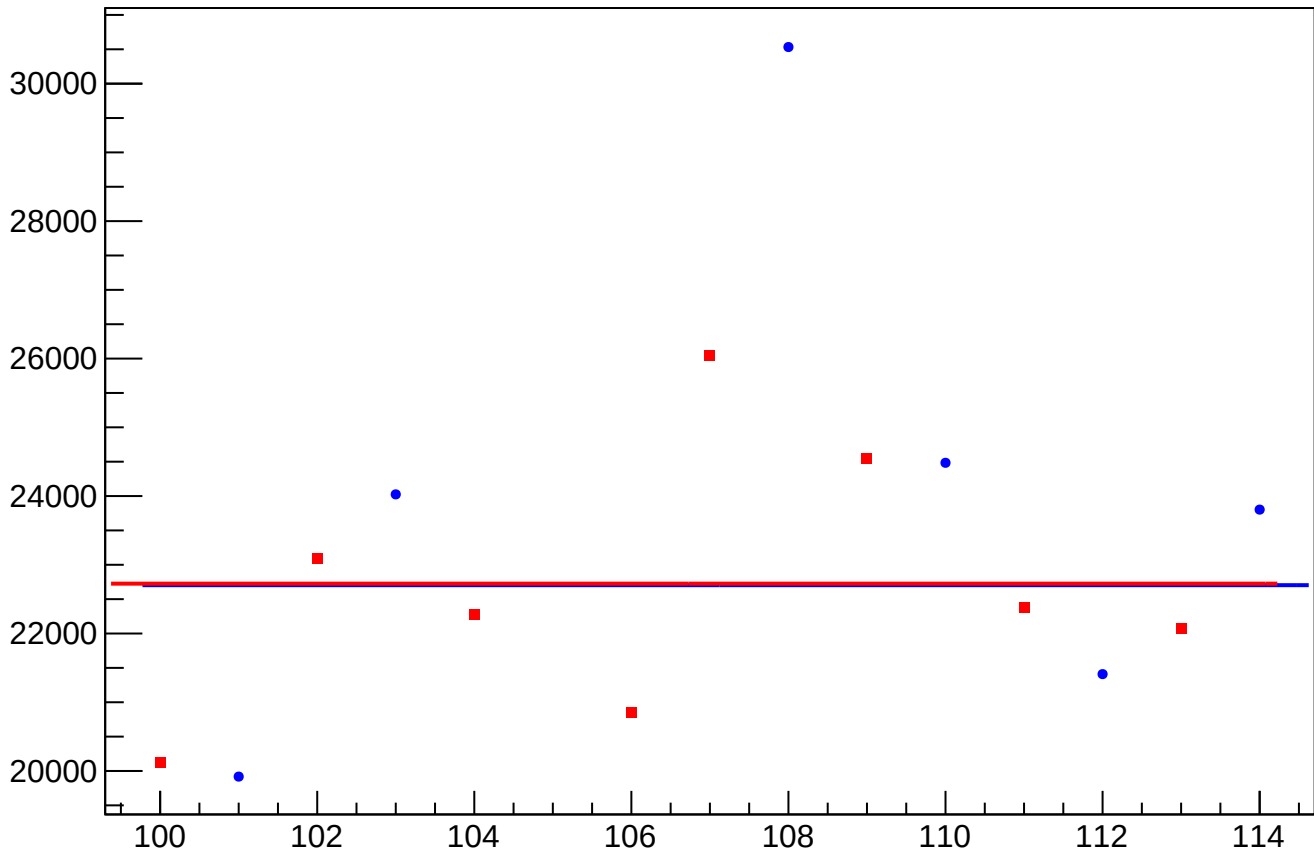
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -10.197 $\pm$ 9.400 χ^2/NDF : 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_rms vs Slug



Right In: 22703.366+/-9.961 χ^2/NDF : 89083.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22725.608+/-8.924 χ^2/NDF : 23111.0/7

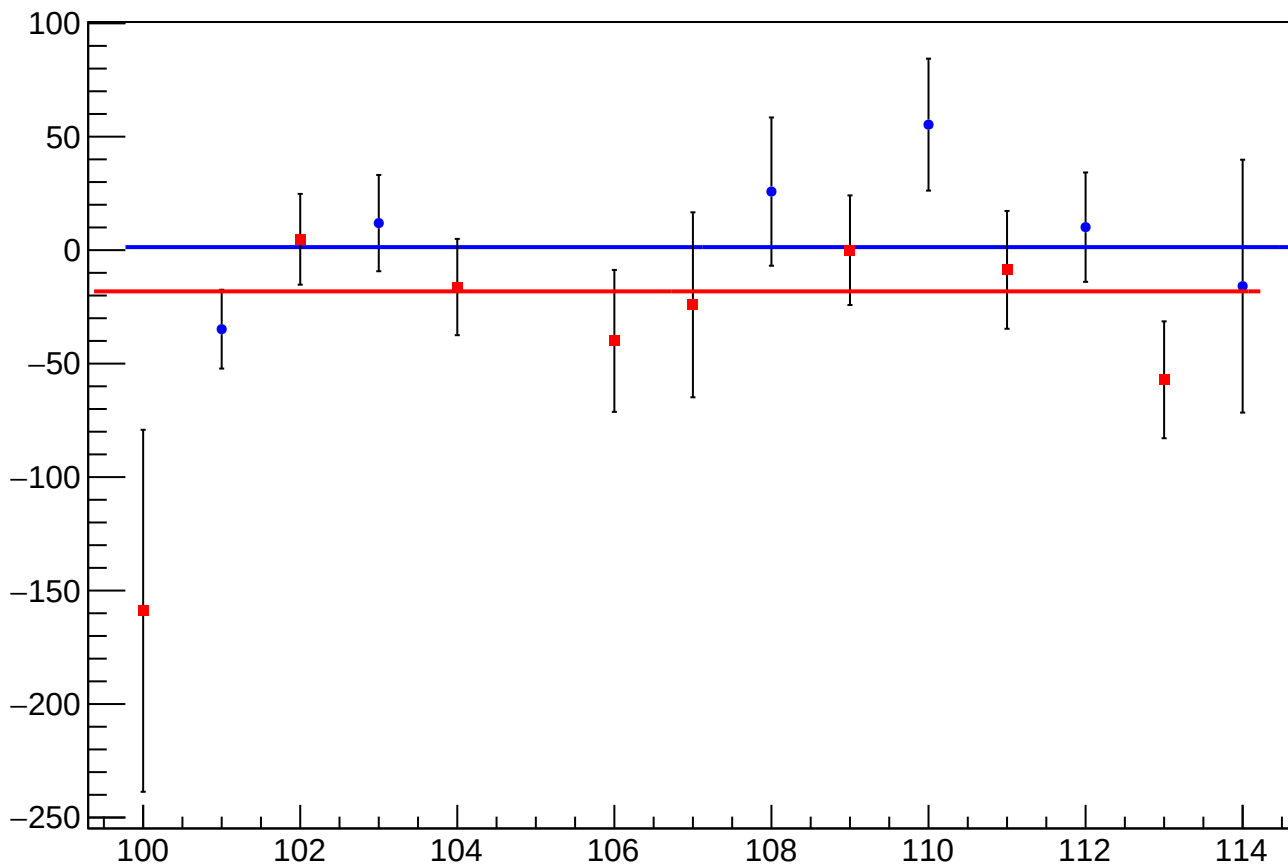
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22715.705+/-6.647 χ^2/NDF : 112197.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



Right In: 1.334 ± 10.151 χ^2/NDF : 8.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.167 ± 9.444 χ^2/NDF : 7.9/7

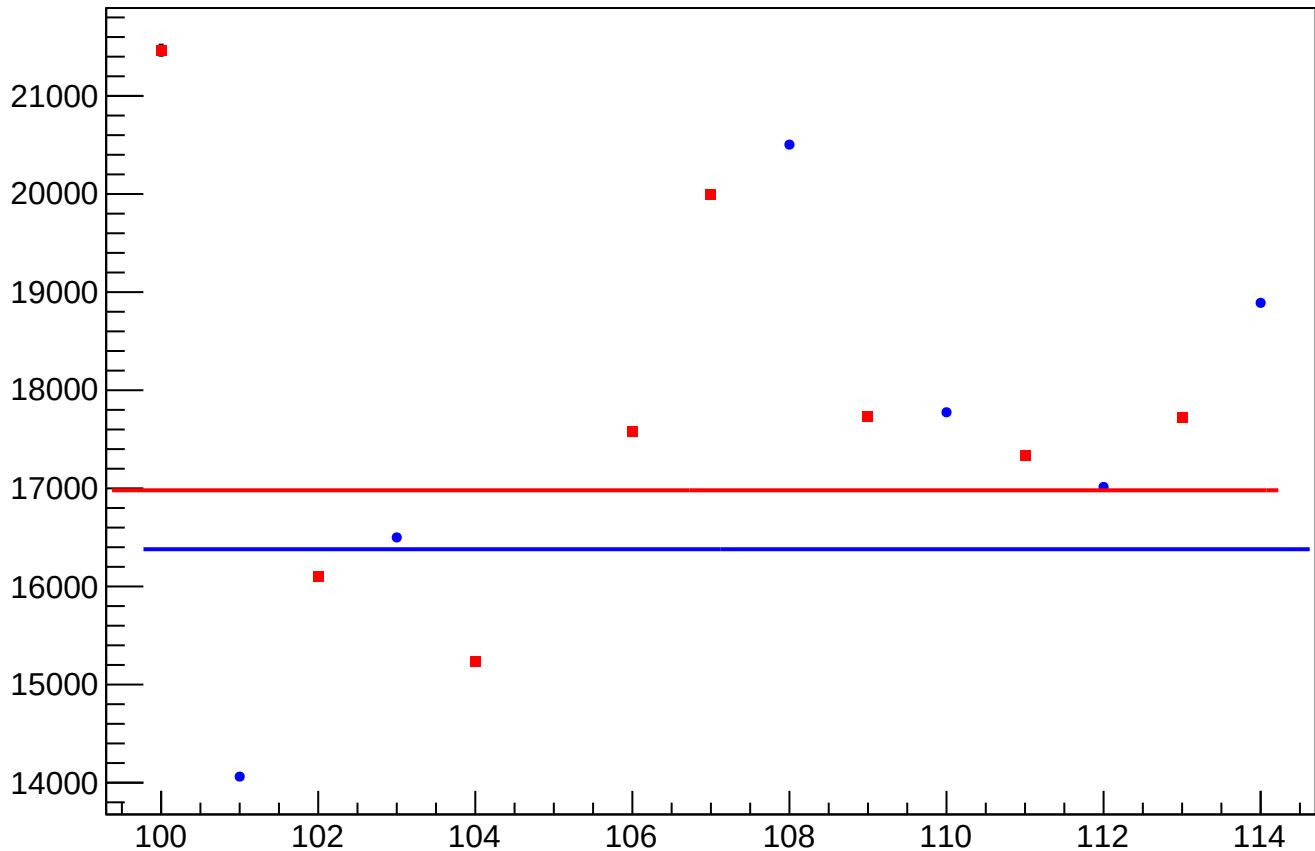
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.119 ± 6.914 χ^2/NDF : 18.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 16379.436+/-7.178 χ^2/NDF : 77636.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16980.191+/-6.678 χ^2/NDF : 39301.1/7

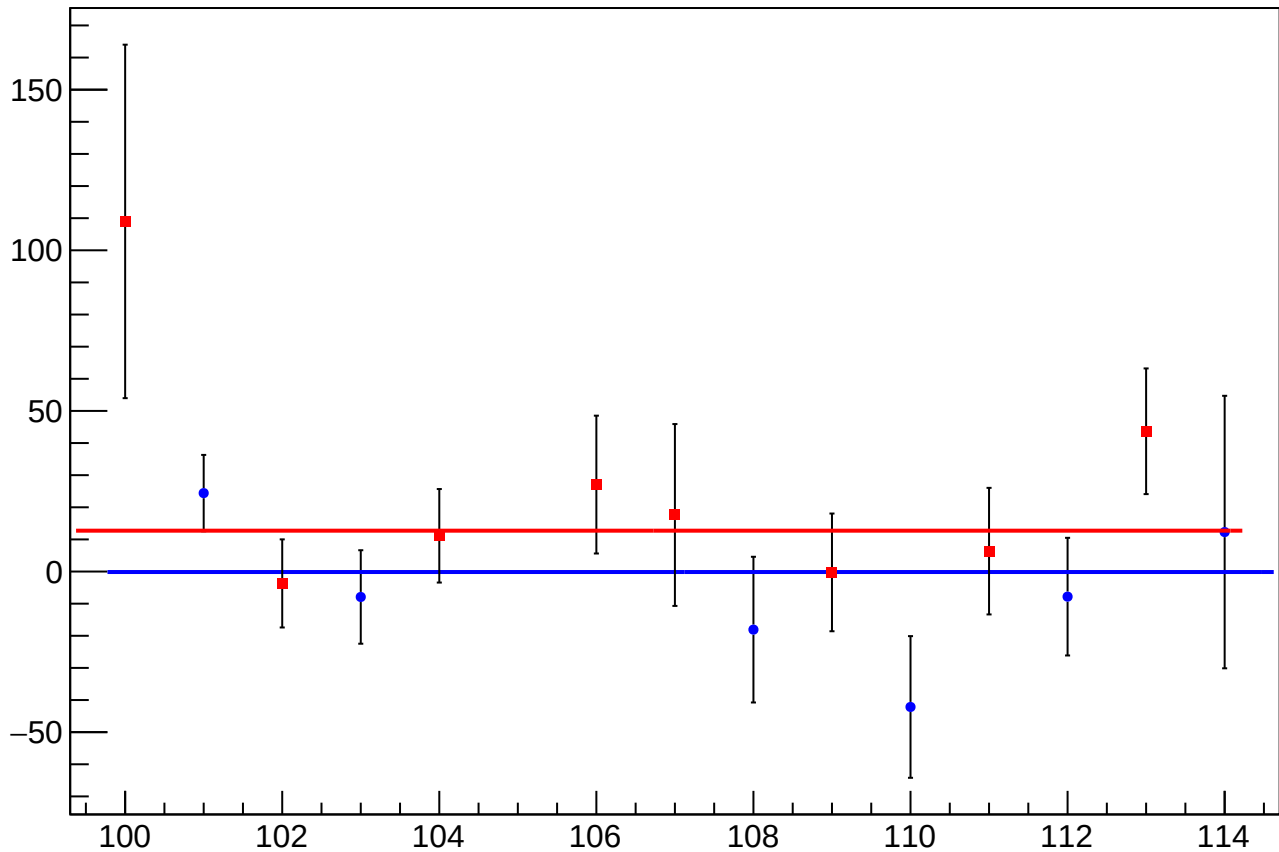
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16701.439+/-4.889 χ^2/NDF : 120692.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aeddifX_mean vs Slug



Right In: -0.151 ± 7.191 χ^2/NDF : 9.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.721 ± 6.749 χ^2/NDF : 8.1/7

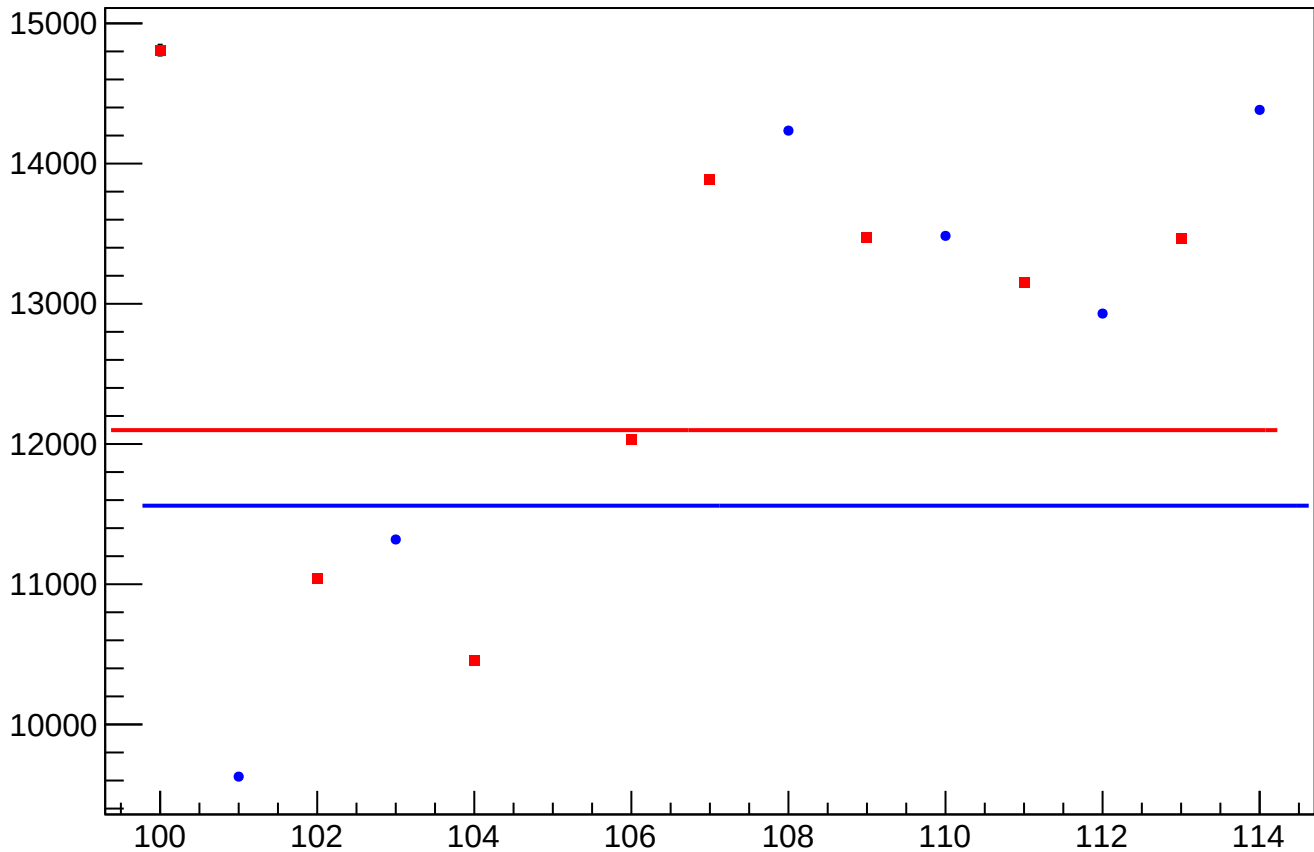
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.693 ± 4.921 χ^2/NDF : 18.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aediffX_rms vs Slug



Right In: 11560.180+/-5.085 χ^2/NDF : 116505.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12098.997+/-4.772 χ^2/NDF : 77024.3/7

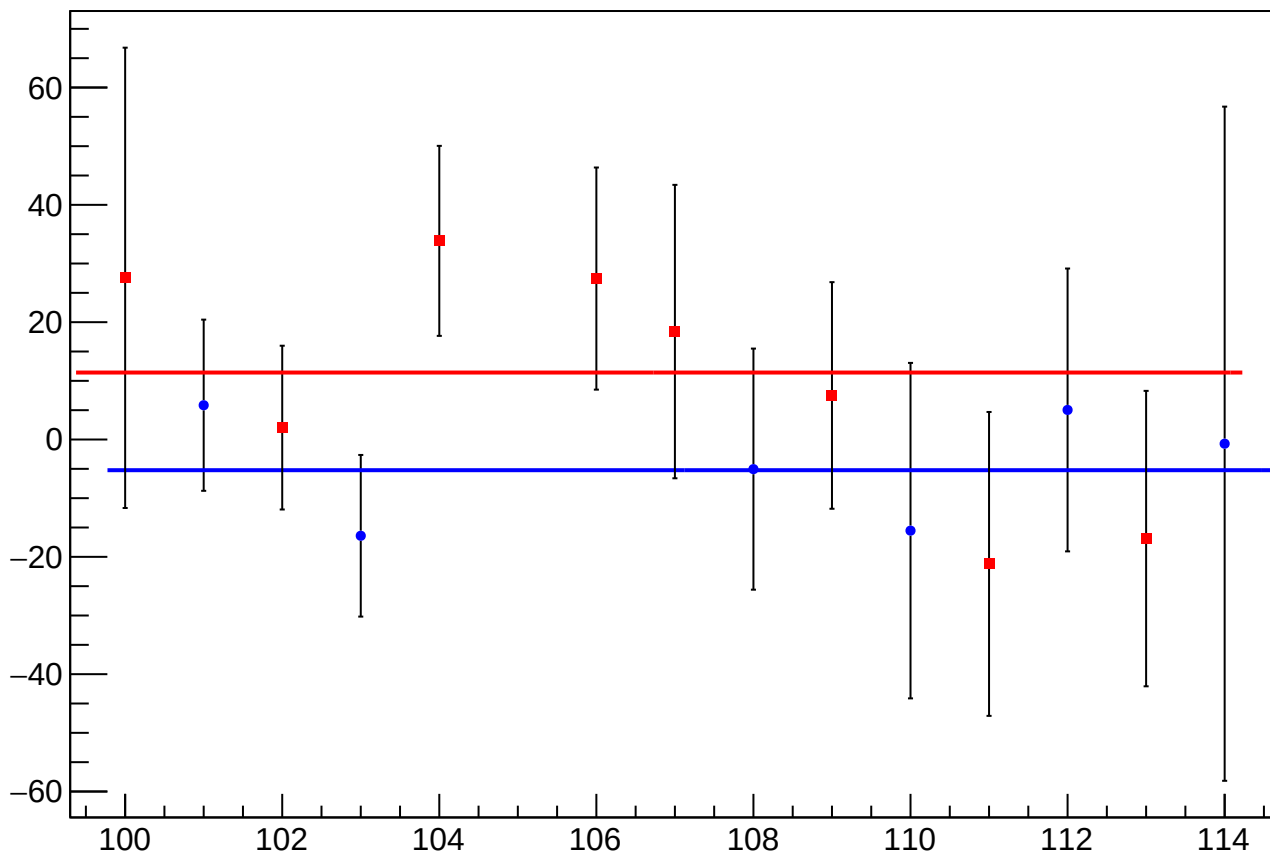
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11846.663+/-3.480 χ^2/NDF : 199500.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -5.230+/-8.011 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.416+/-7.119 χ^2/NDF : 6.2/7

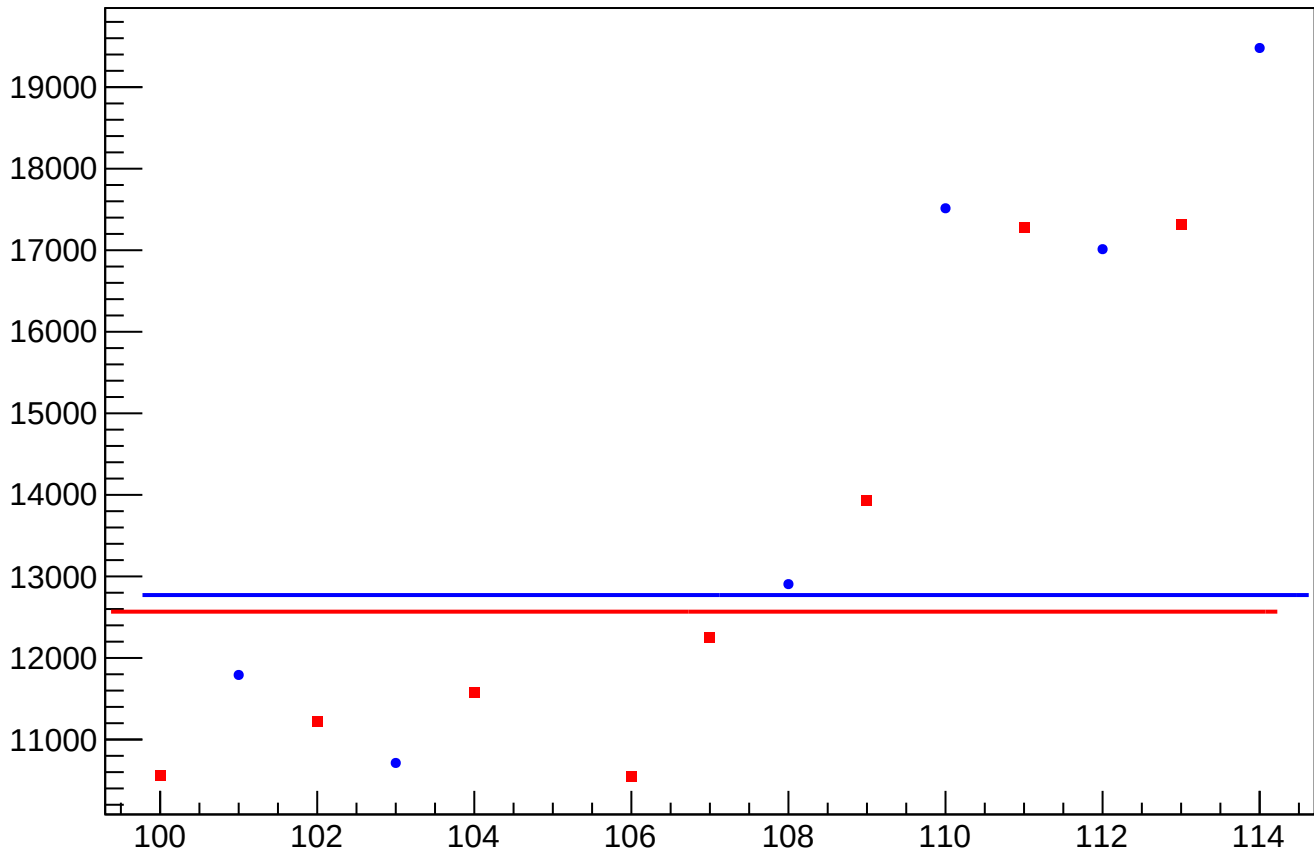
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.071+/-5.321 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 12771.533+/-5.665 χ^2/NDF : 197974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

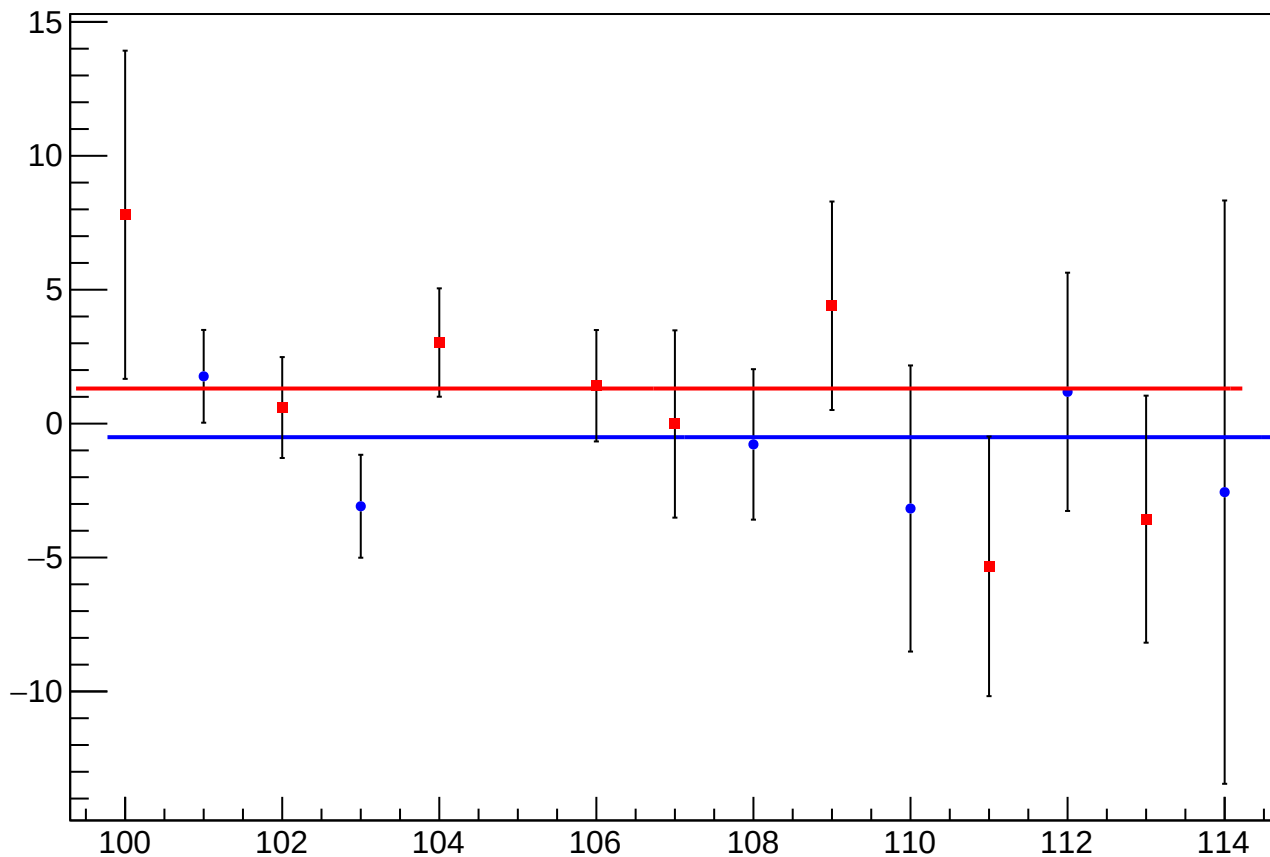
Right Out: 12567.806+/-5.034 χ^2/NDF : 201742.7/7

All: 12657.695+/-3.763 χ^2/NDF : 400439.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_mean vs Slug



Right In: -0.506+/-1.101 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.311+/-0.990 χ^2/NDF : 5.8/7

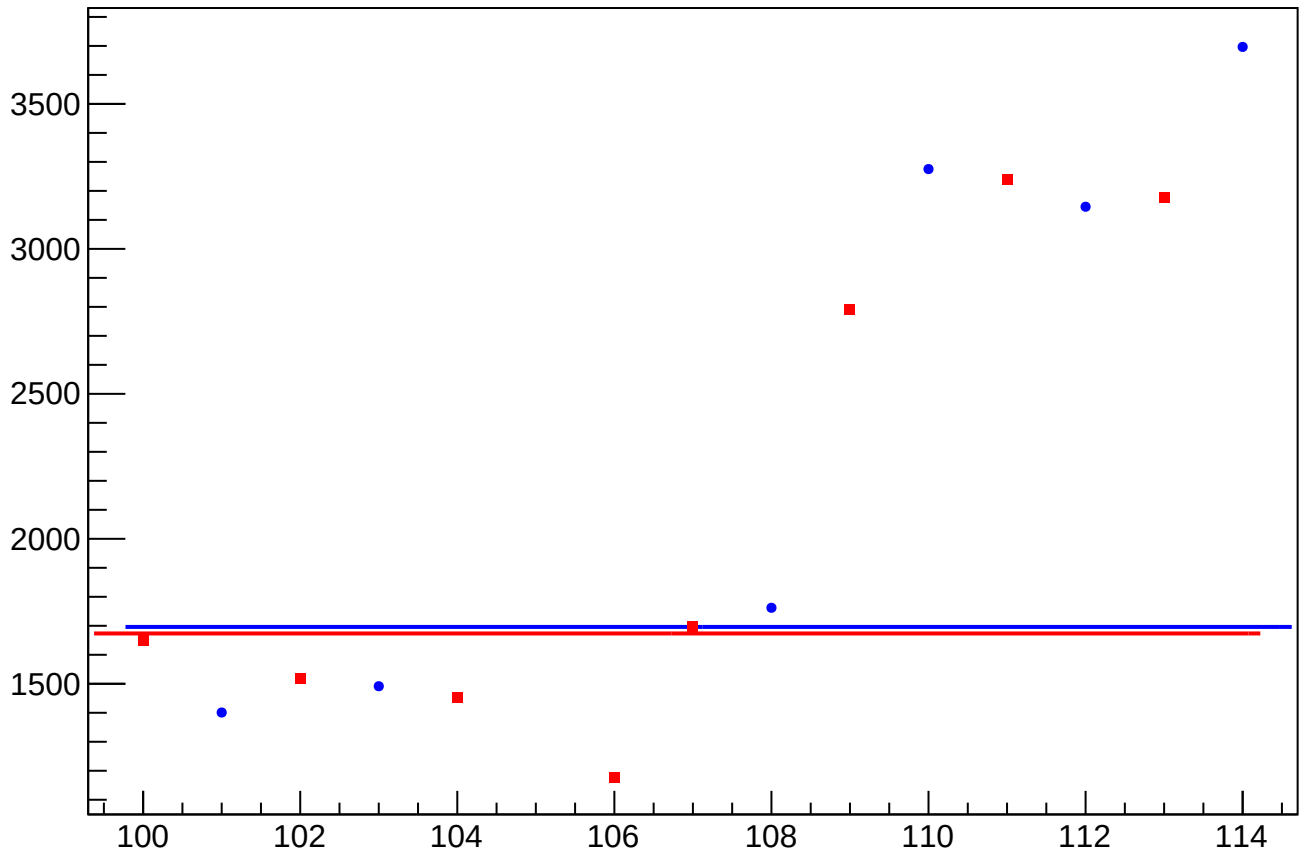
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.499+/-0.736 χ^2/NDF : 11.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediffY_rms vs Slug



Right In: 1696.096 $\pm$ 0.779 χ^2 /NDF: 536404.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1673.600 $\pm$ 0.700 χ^2 /NDF: 737569.3/7

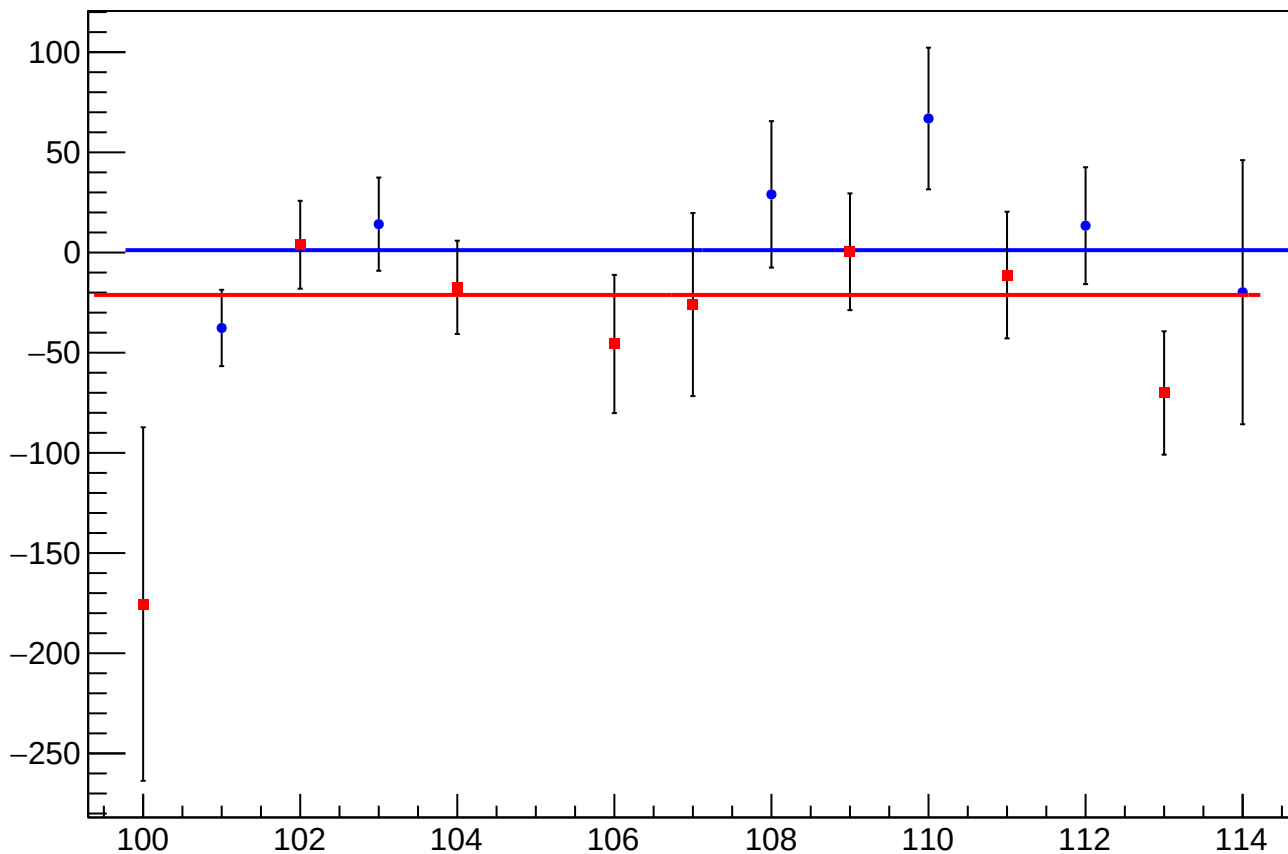
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1683.652 $\pm$ 0.520 χ^2 /NDF: 1274435.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: 1.178+/-11.502 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.164+/-10.780 χ^2/NDF : 8.1/7

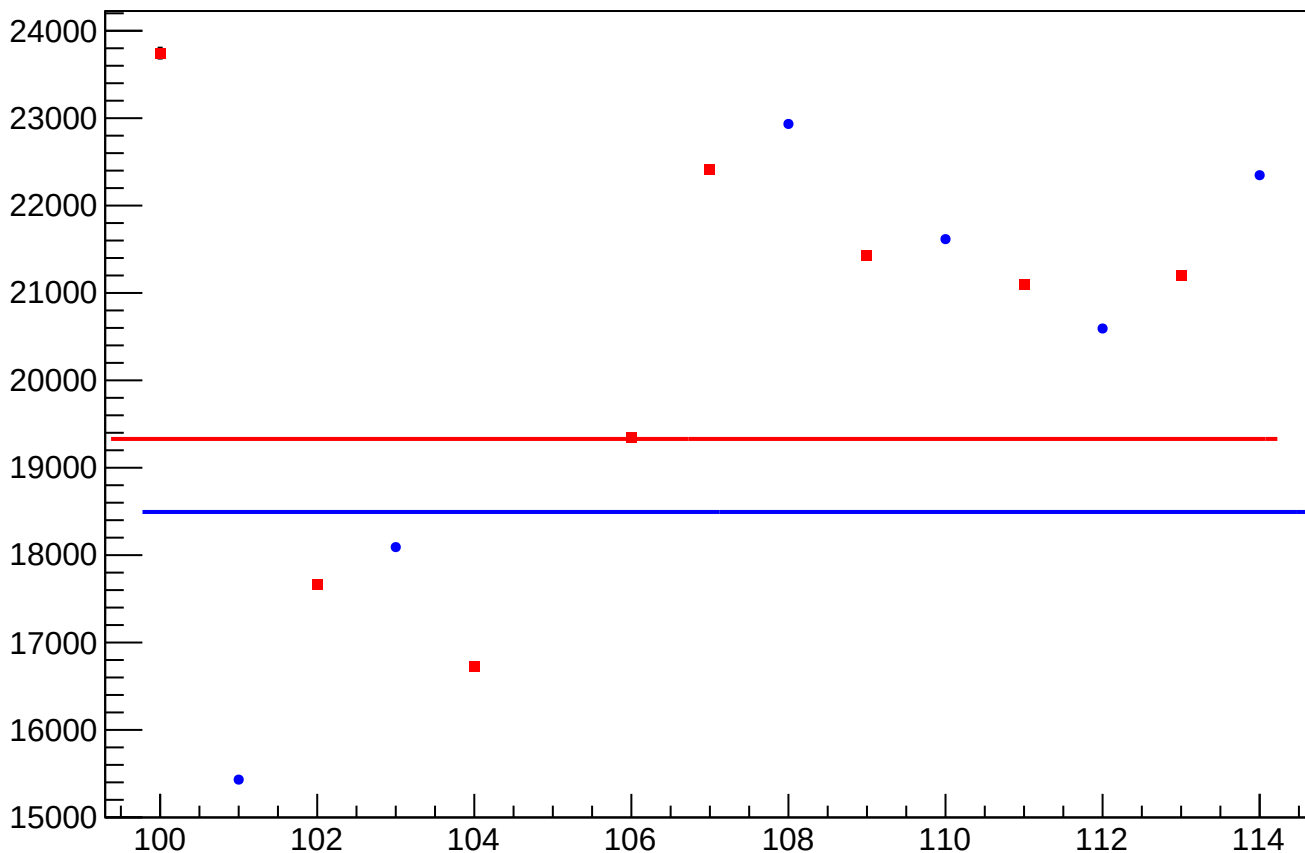
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.716+/-7.865 χ^2/NDF : 18.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 18494.024+/-8.133 χ^2/NDF : 114620.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

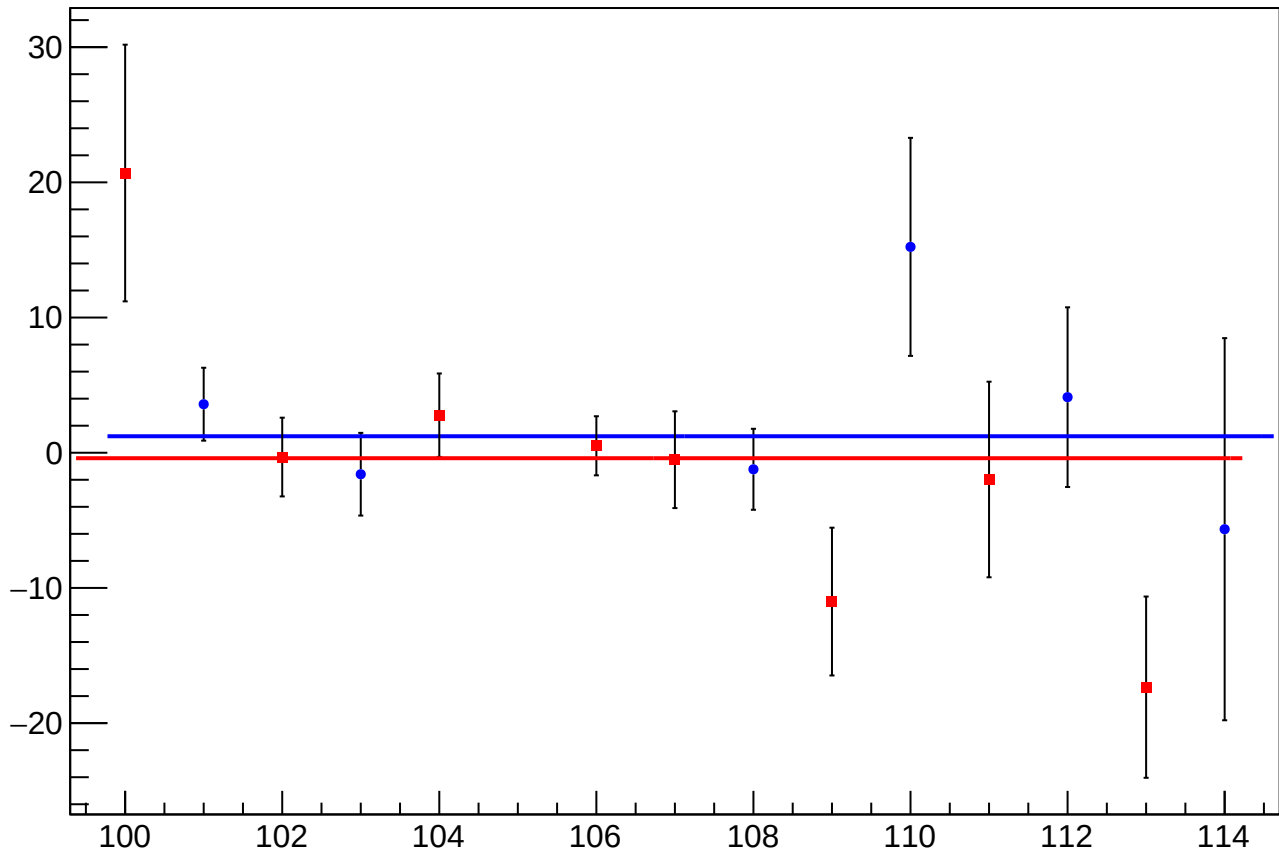
Right Out: 19329.632+/-7.623 χ^2/NDF : 74770.3/7

All: 18938.856+/-5.562 χ^2/NDF : 195010.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_mean vs Slug



Right In: 1.220 $\pm$ 1.583 χ^2 /NDF: 5.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.405 $\pm$ 1.295 χ^2 /NDF: 16.4/7

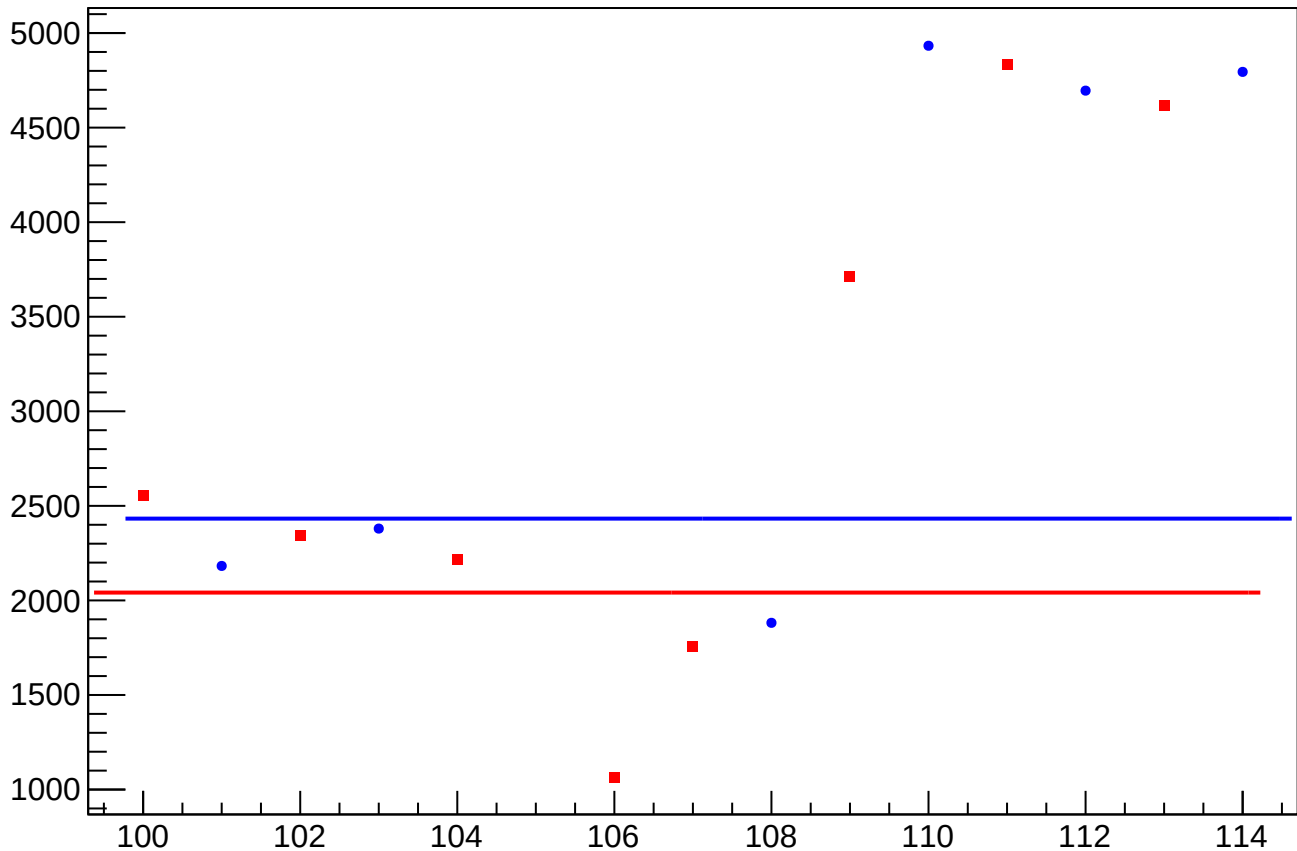
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.246 $\pm$ 1.002 χ^2 /NDF: 22.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 2432.574+/-1.119 χ^2/NDF : 565561.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

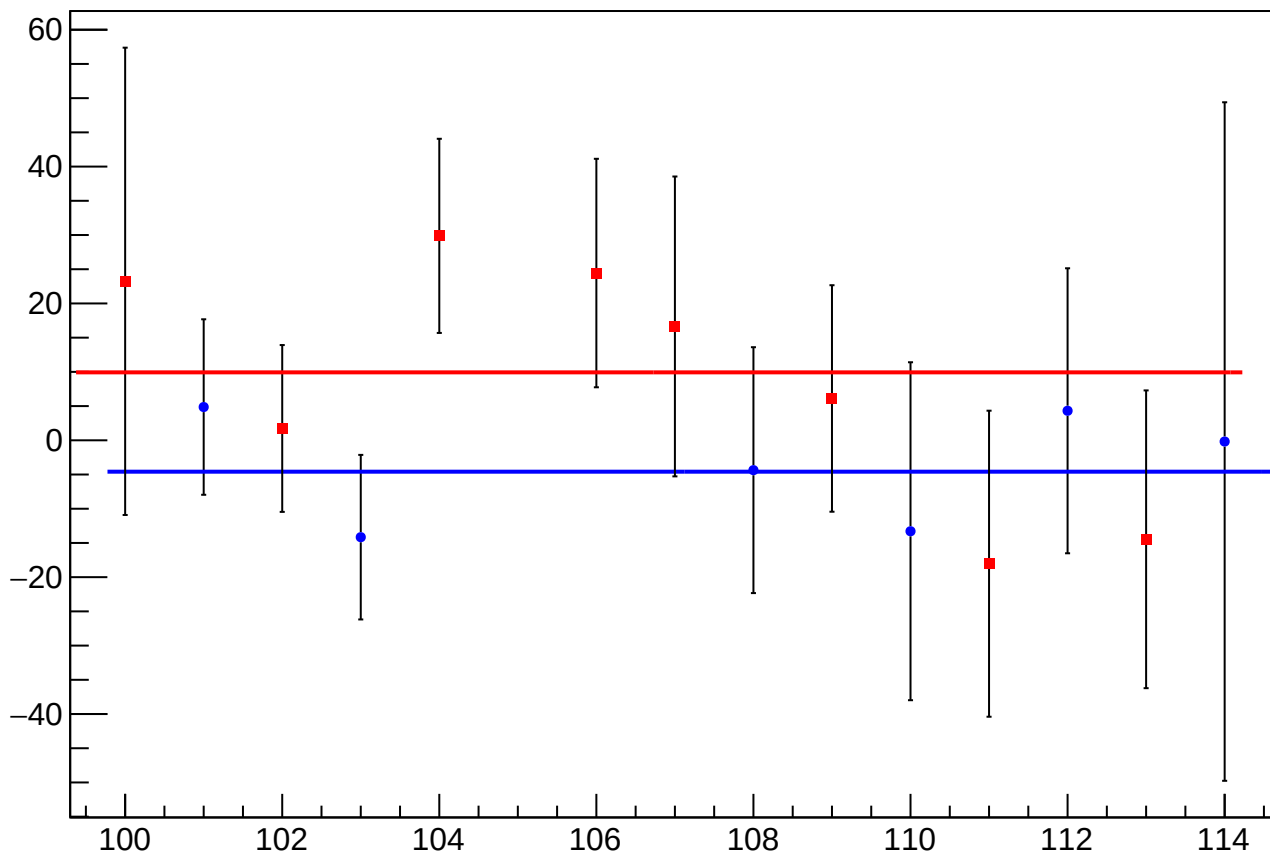
Right Out: 2041.472+/-0.916 χ^2/NDF : 1228157.1/7

All: 2198.244+/-0.709 χ^2/NDF : 1866851.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_mean vs Slug



Right In: -4.586+/-6.993 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.930+/-6.203 χ^2/NDF : 6.3/7

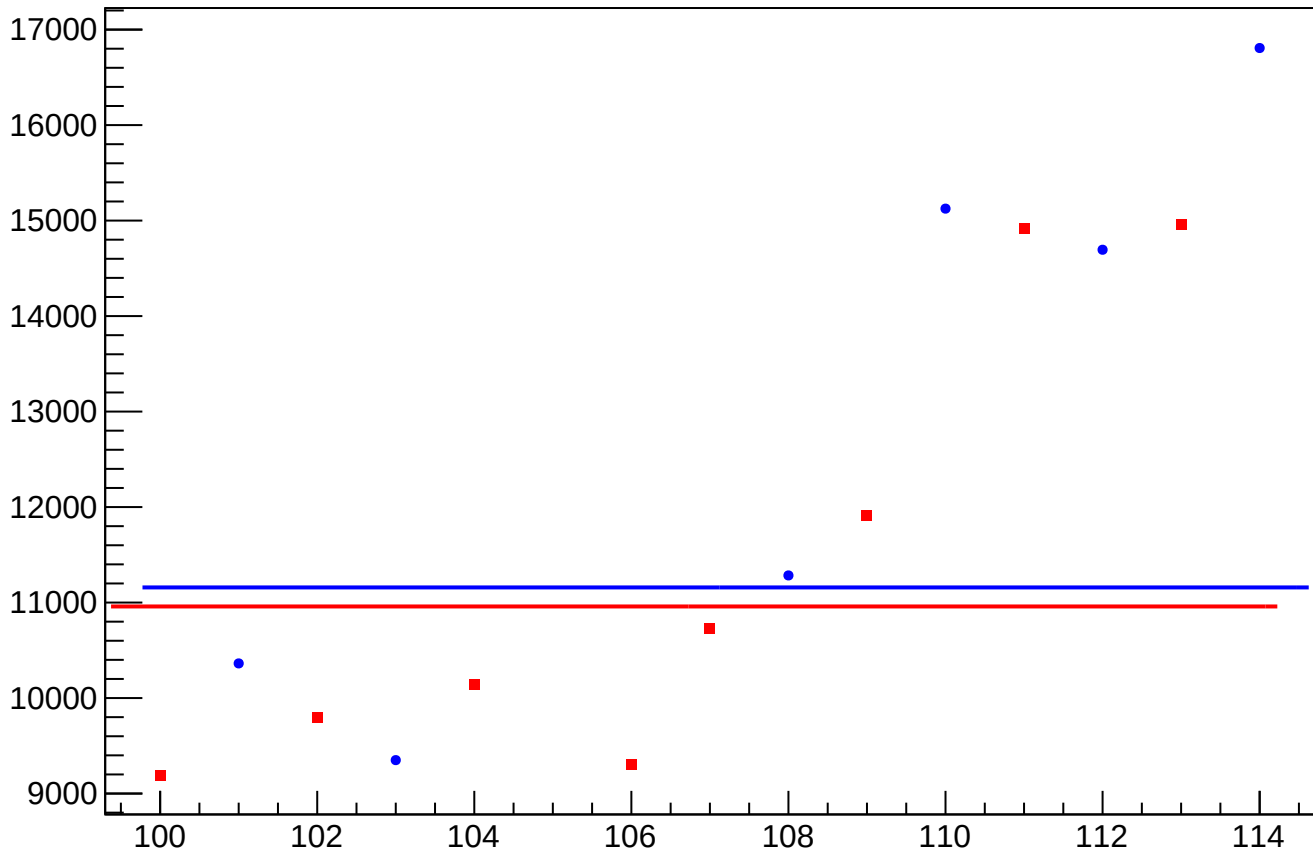
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.538+/-4.640 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 11158.473+/-4.945 χ^2/NDF : 188275.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

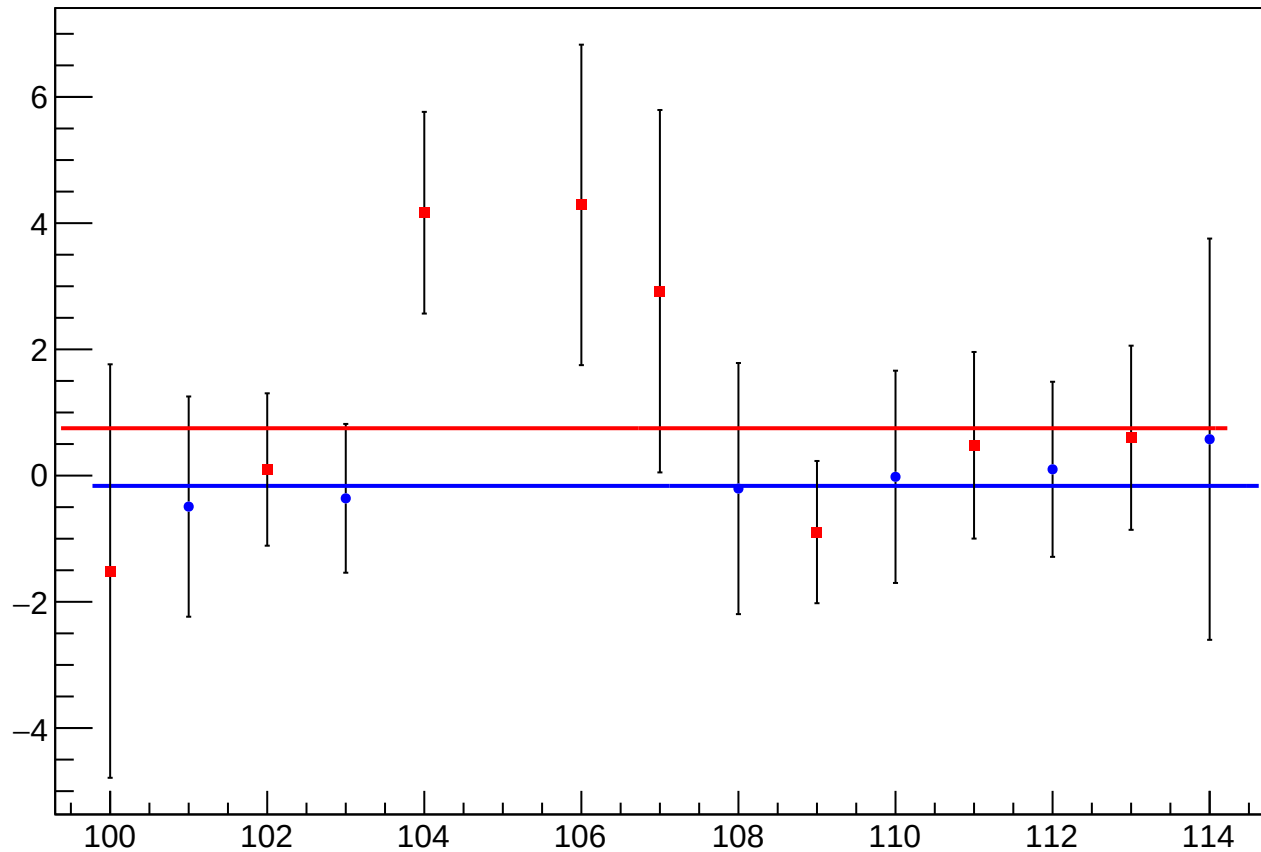
Right Out: 10959.130+/-4.386 χ^2/NDF : 187306.2/7

All: 11046.909+/-3.281 χ^2/NDF : 376491.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: -0.163 $\pm$ 0.663 χ^2 /NDF: 0.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.750 $\pm$ 0.562 χ^2 /NDF: 10.0/7

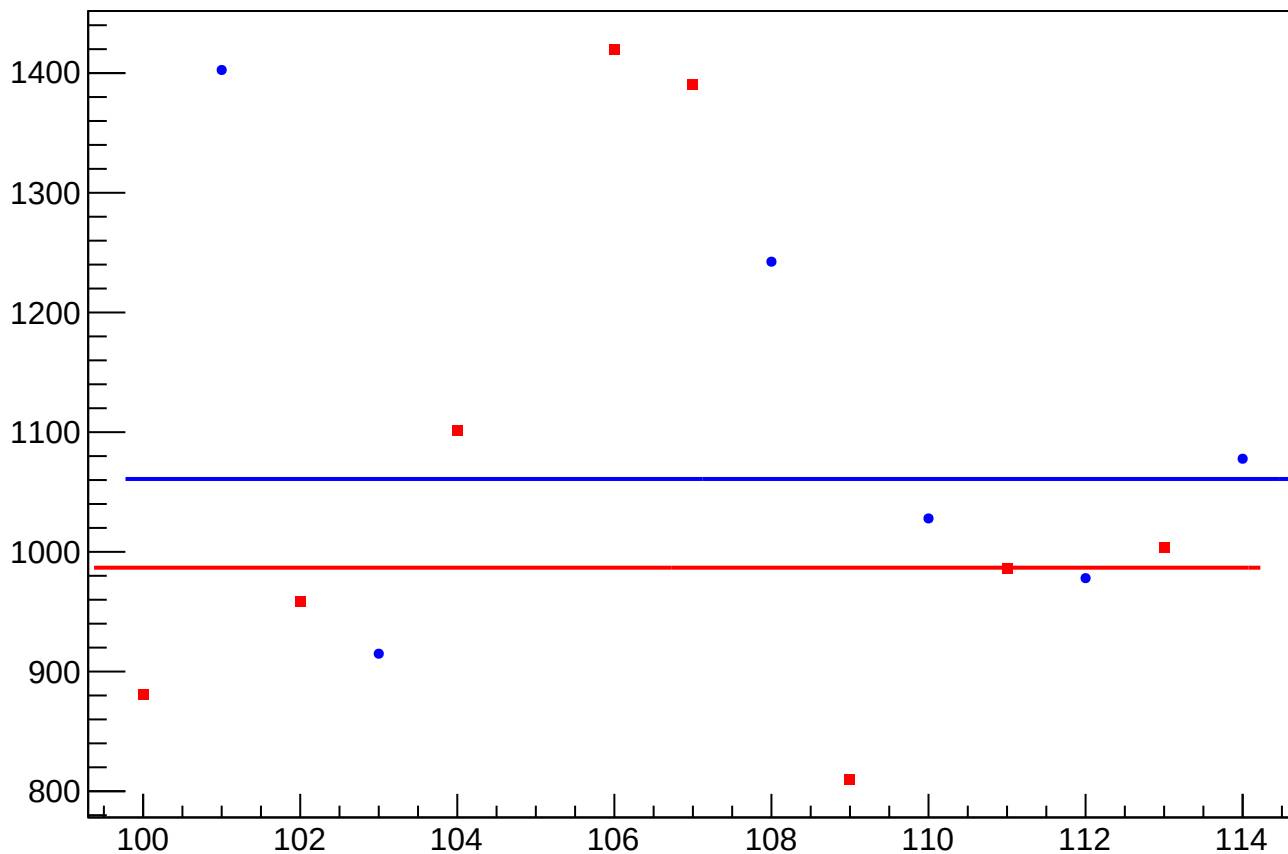
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.368 $\pm$ 0.429 χ^2 /NDF: 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1060.890 $\pm$ 0.469 χ^2 /NDF: 131989.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 986.776 $\pm$ 0.398 χ^2 /NDF: 160940.8/7

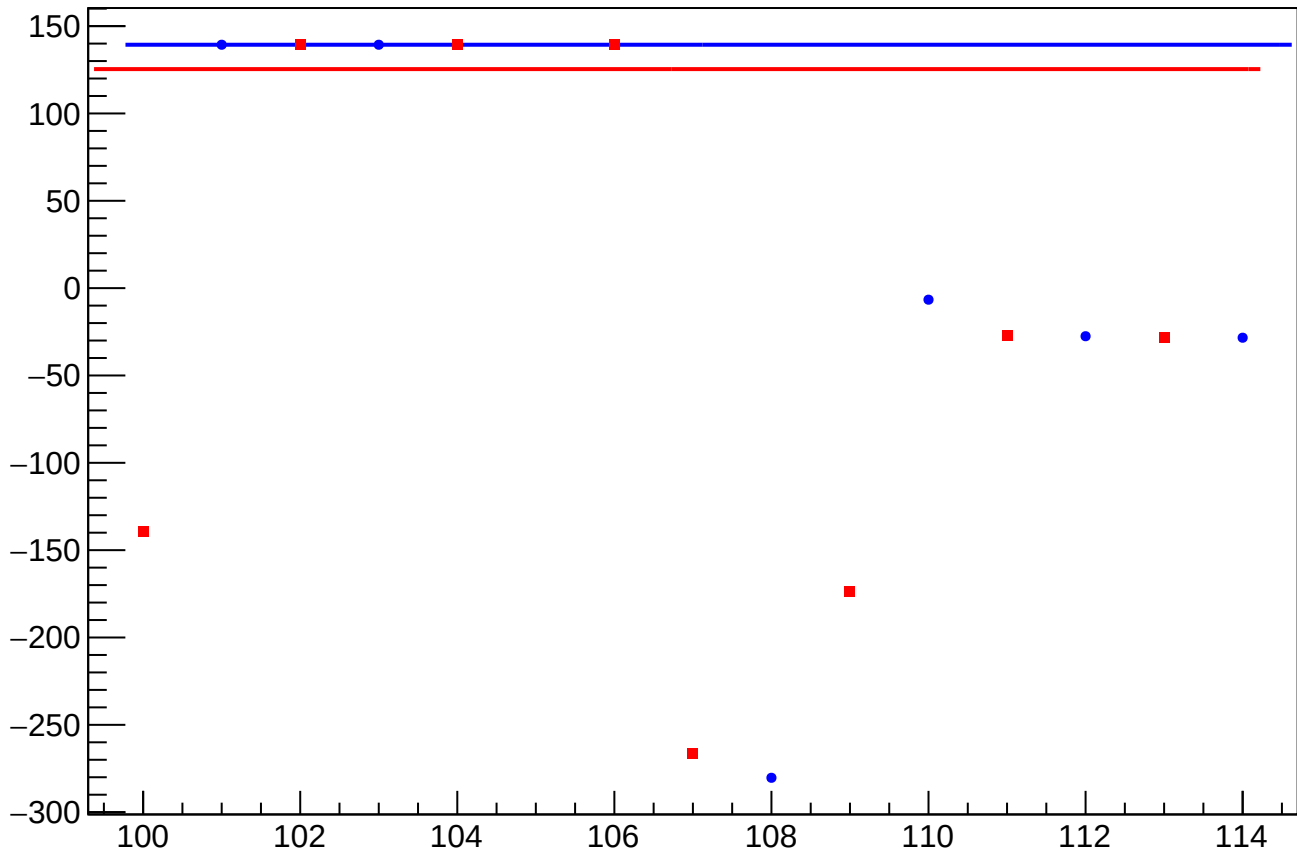
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1017.772 $\pm$ 0.303 χ^2 /NDF: 307457.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs Slug



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 13012928659.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

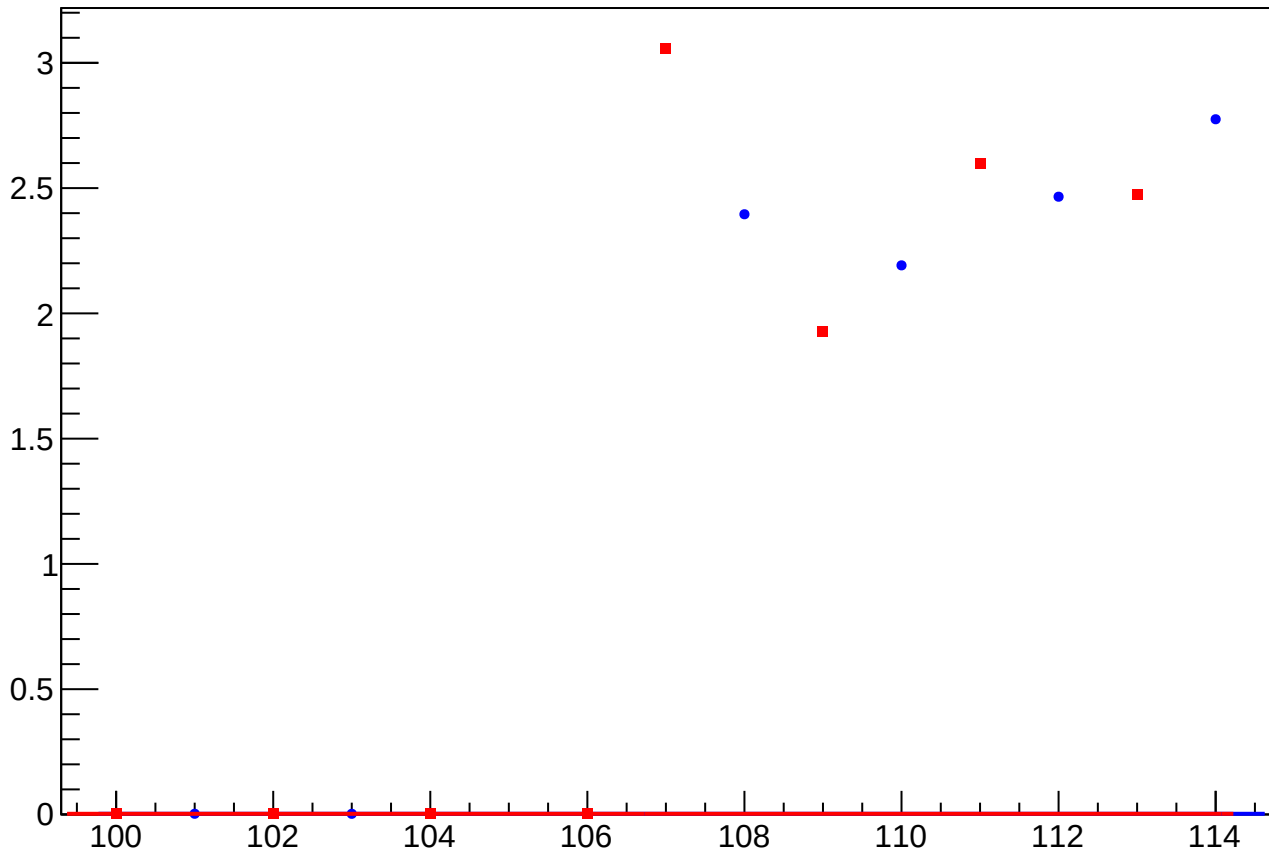
All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792943164387

Right Out: 125.393 $\pm$ 0.000 χ^2 /NDF: 774144791778009.8/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 2299003.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2742681.3/7

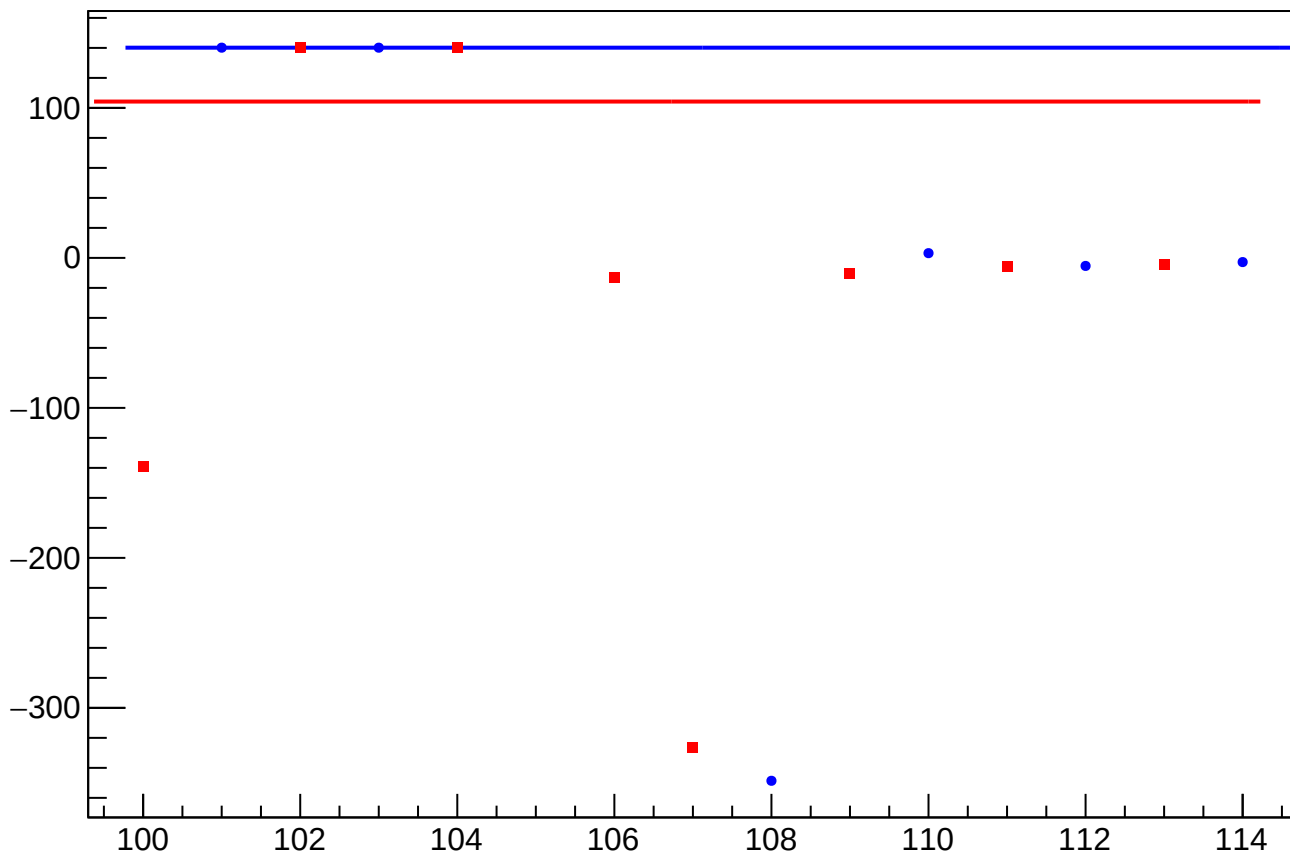
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5041842.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug



Right In: 140.148 $\pm$ 0.000 χ^2 /NDF: 8389235930.8/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

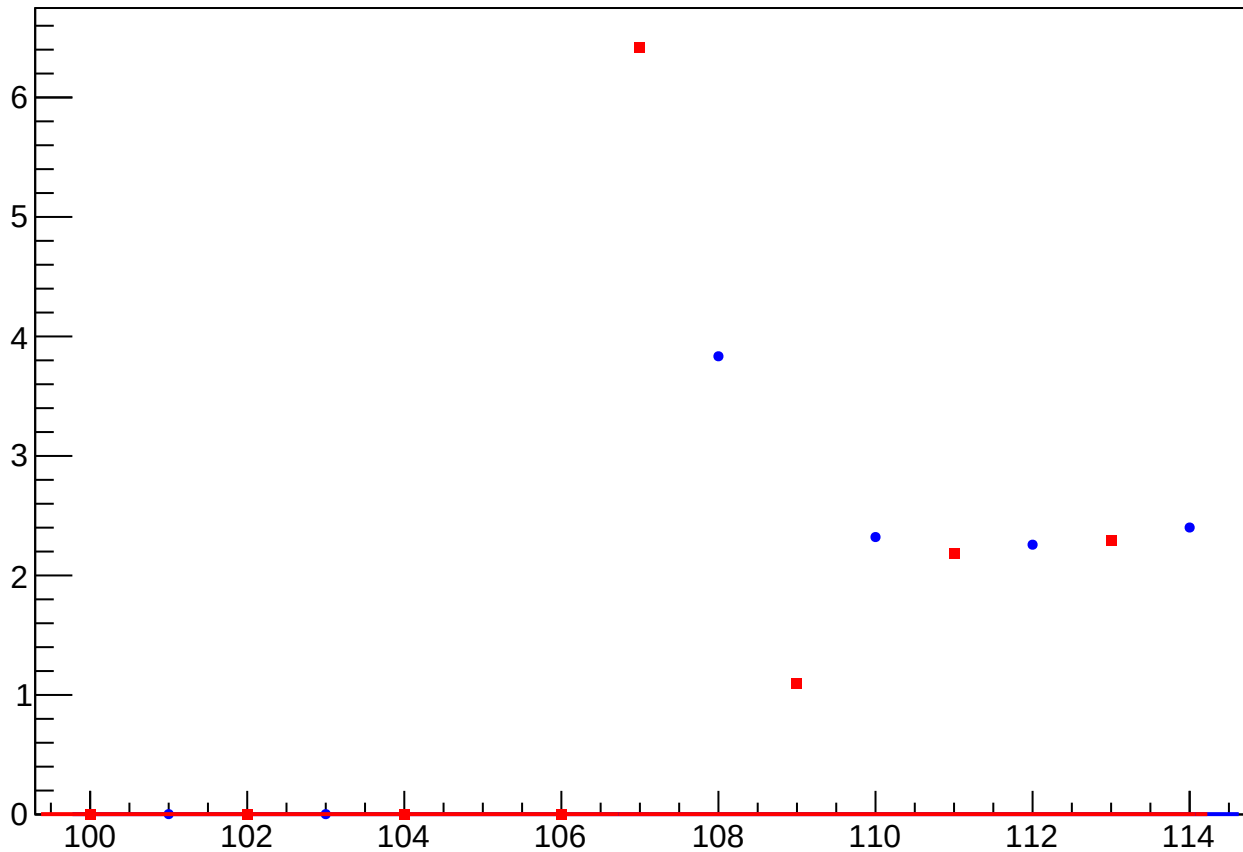
All: 120.835 $\pm$ 0.000 χ^2 /NDF: 138062563703

Right Out: 104.227 $\pm$ 0.000 χ^2 /NDF: 1257299757687132.2/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bY_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 2407193.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2621346.2/7

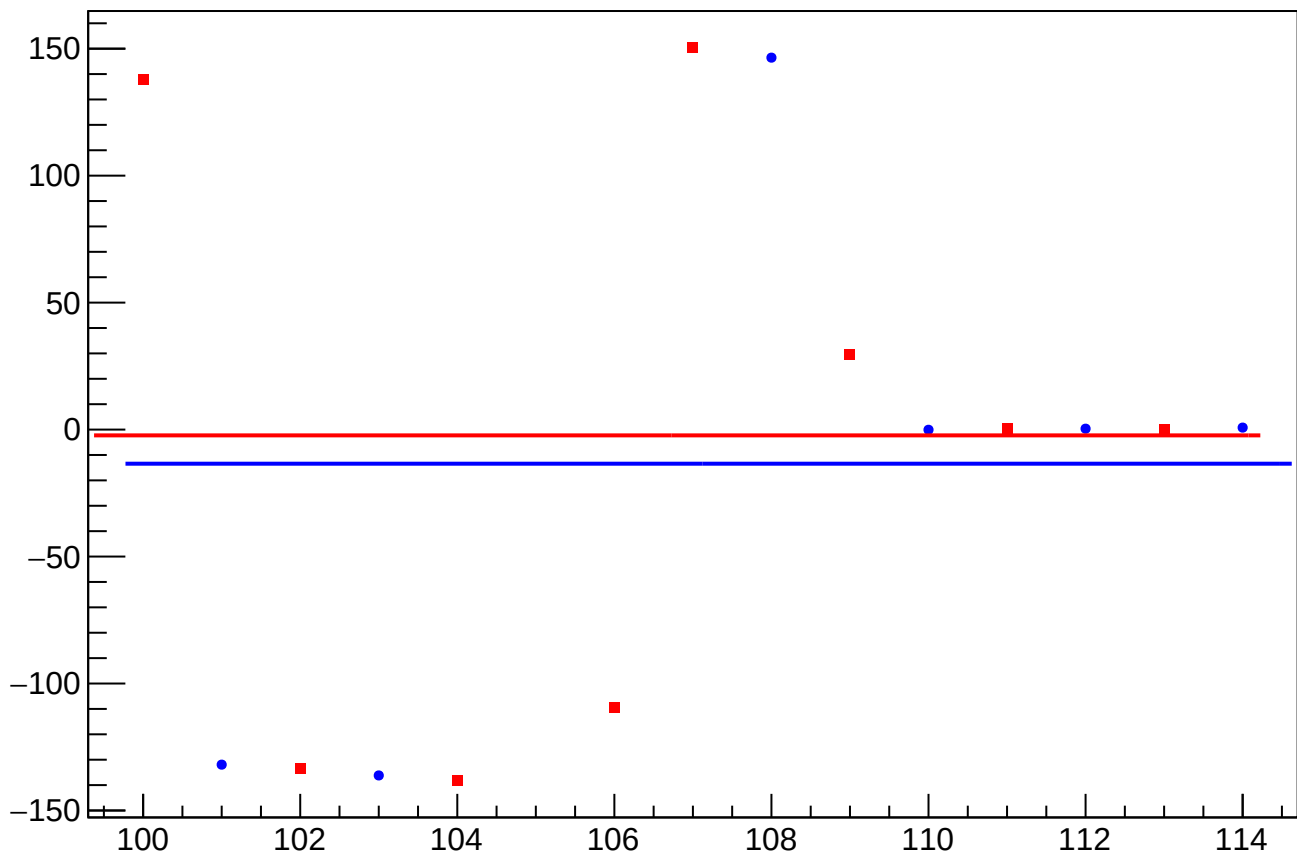
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5028685.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



Right In: -13.434 $\pm$ 0.001 χ^2 /NDF: 9390795840.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.279 $\pm$ 0.001 χ^2 /NDF: 3584988705.1/7

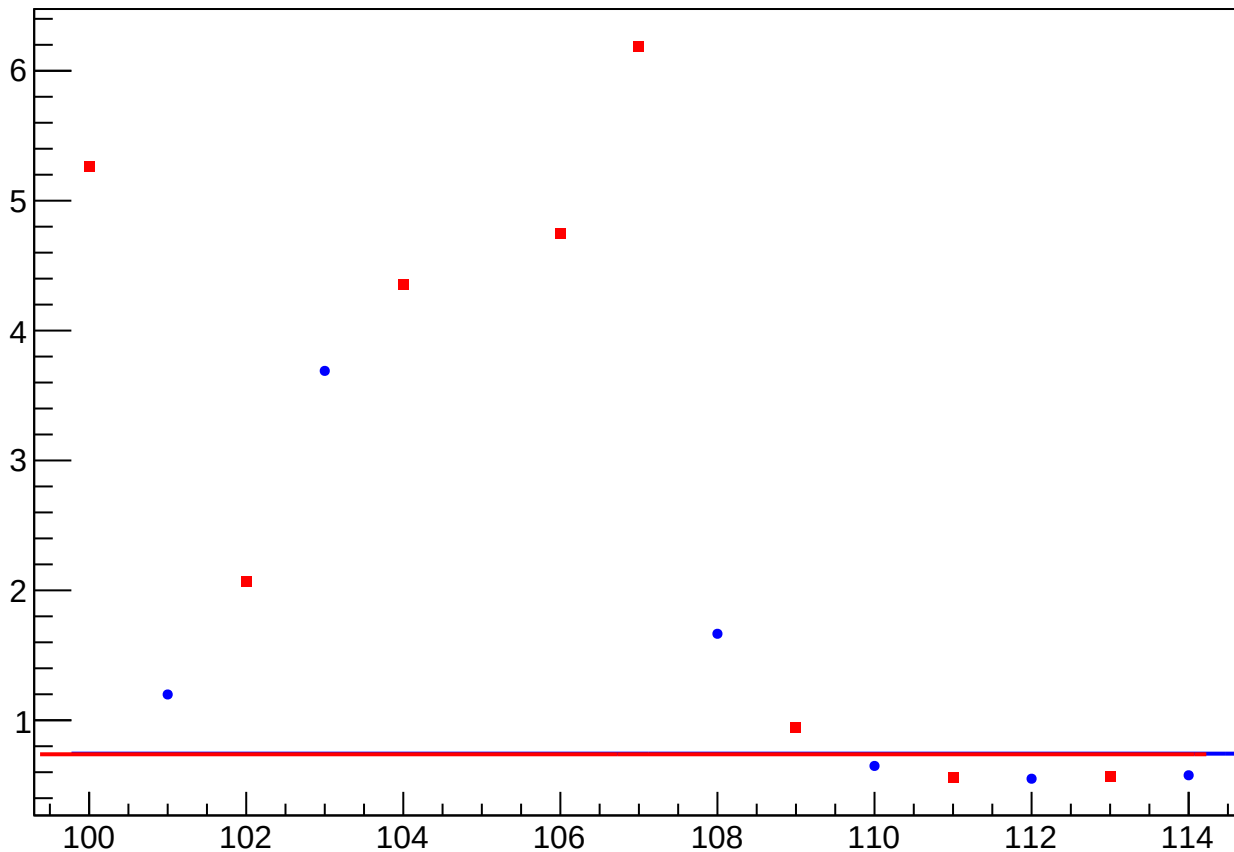
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.714 $\pm$ 0.000 χ^2 /NDF: 13166550201.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.743+/-0.000 χ^2/NDF : 1114255.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.738+/-0.000 χ^2/NDF : 2056541.6/7

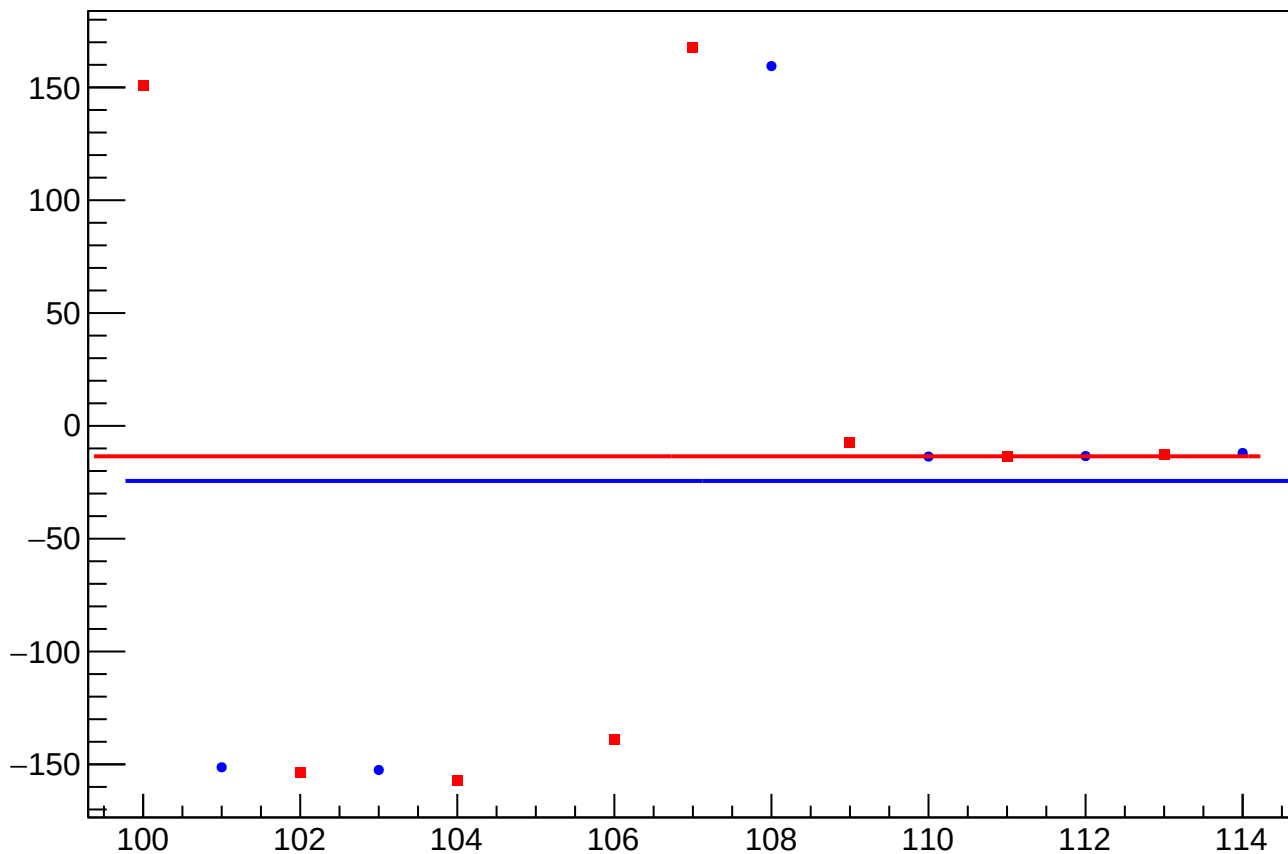
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.740+/-0.000 χ^2/NDF : 3170869.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_mean vs Slug



Right In: -24.393+/-0.001 χ^2/NDF : 3220814779.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

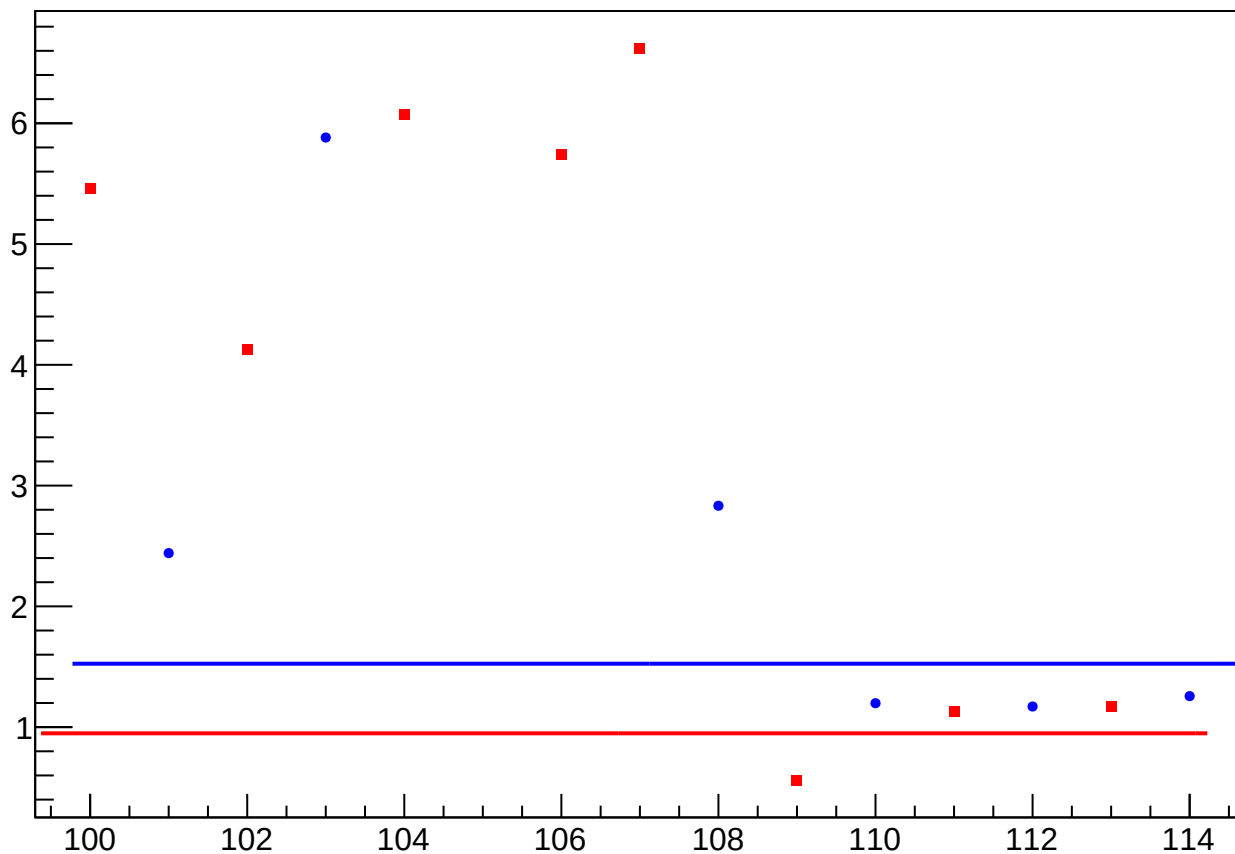
Right Out: -13.487+/-0.001 χ^2/NDF : 1279392948.7/7

All: -16.998+/-0.001 χ^2/NDF : 4563696824.7/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



Right In: 1.525 $\pm$ 0.001 χ^2 /NDF: 1086124.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.949 $\pm$ 0.001 χ^2 /NDF: 2394861.9/7

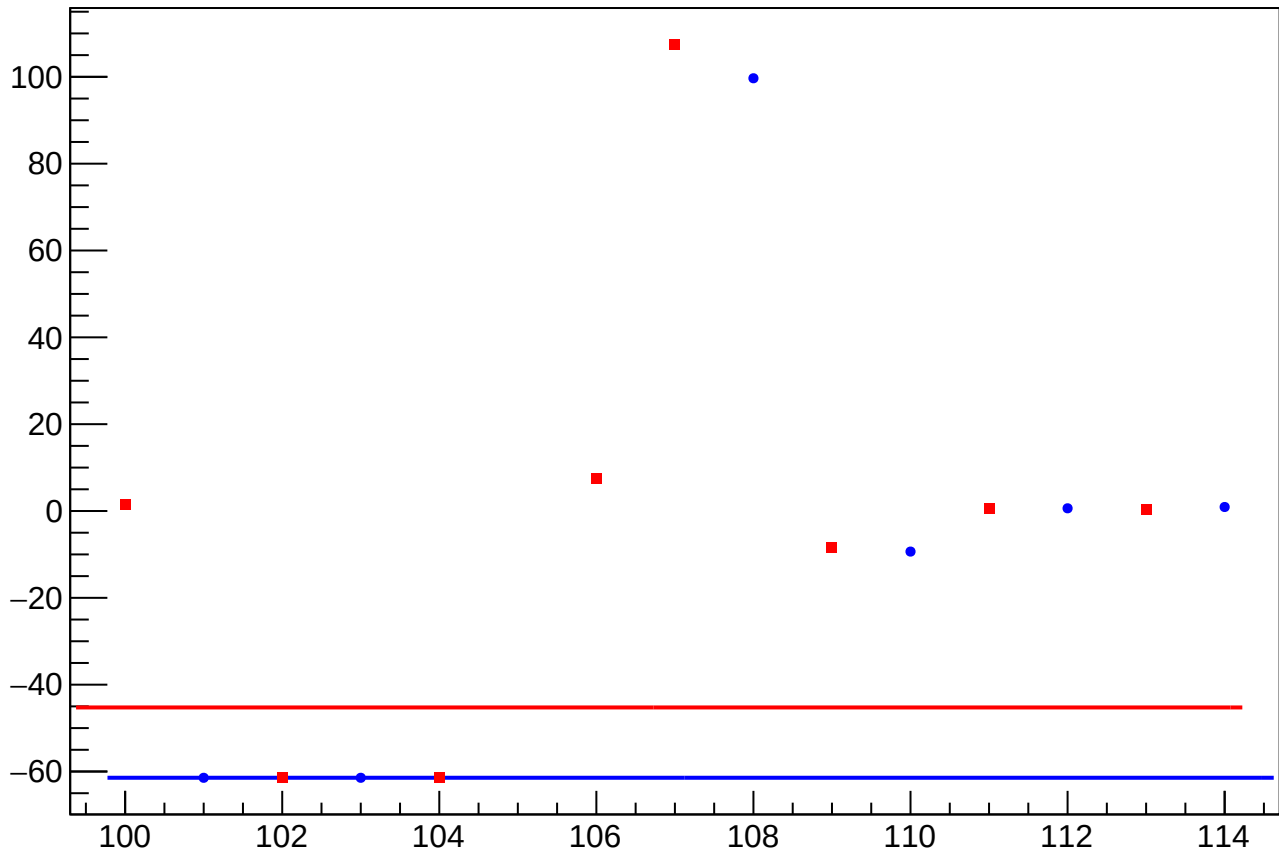
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.134 $\pm$ 0.000 χ^2 /NDF: 3835661.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dX_mean vs Slug



Right In: -61.439+/-0.000 χ^2/NDF : 198950520834.8/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

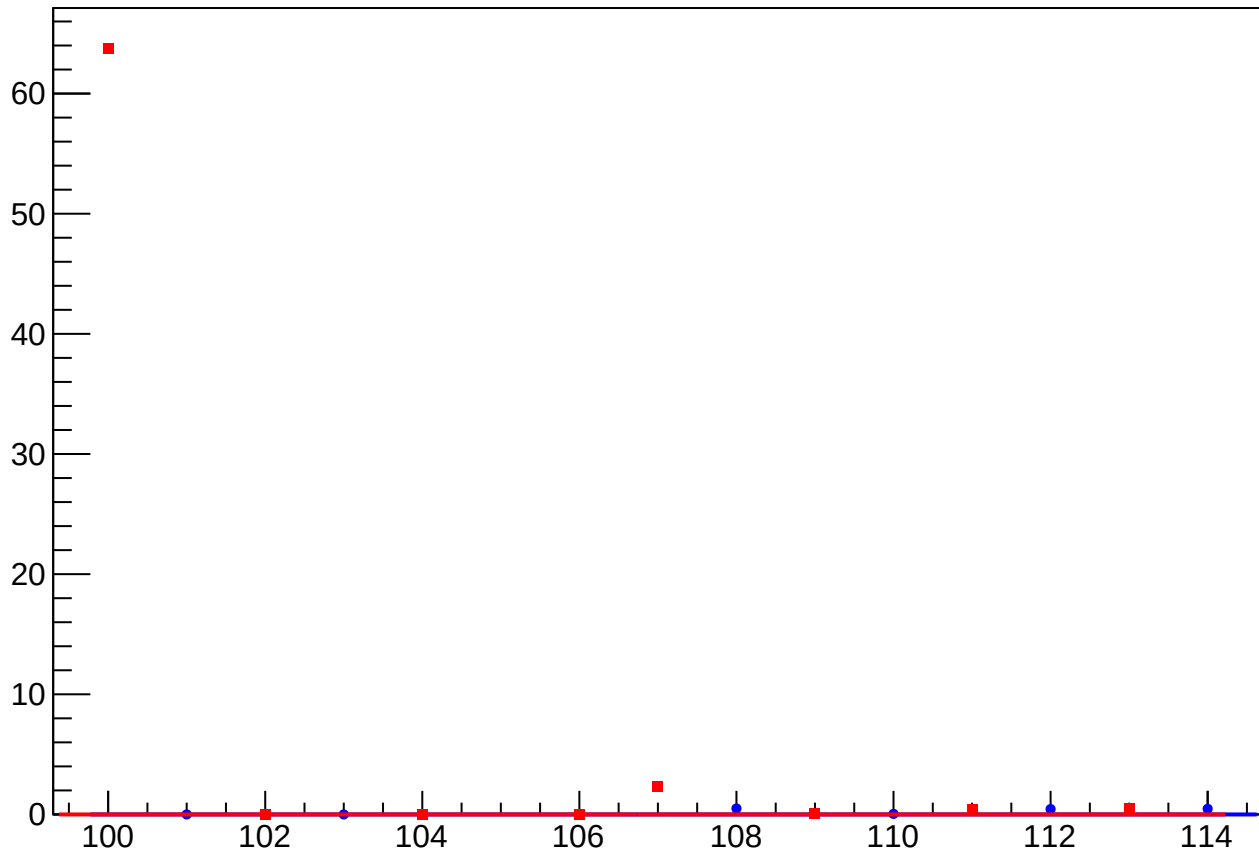
Right Out: -45.247+/-0.000 χ^2/NDF : 357837903723910.9/7

All: -52.751+/-0.000 χ^2/NDF : 409022894534

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1911489.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2463114.1/7

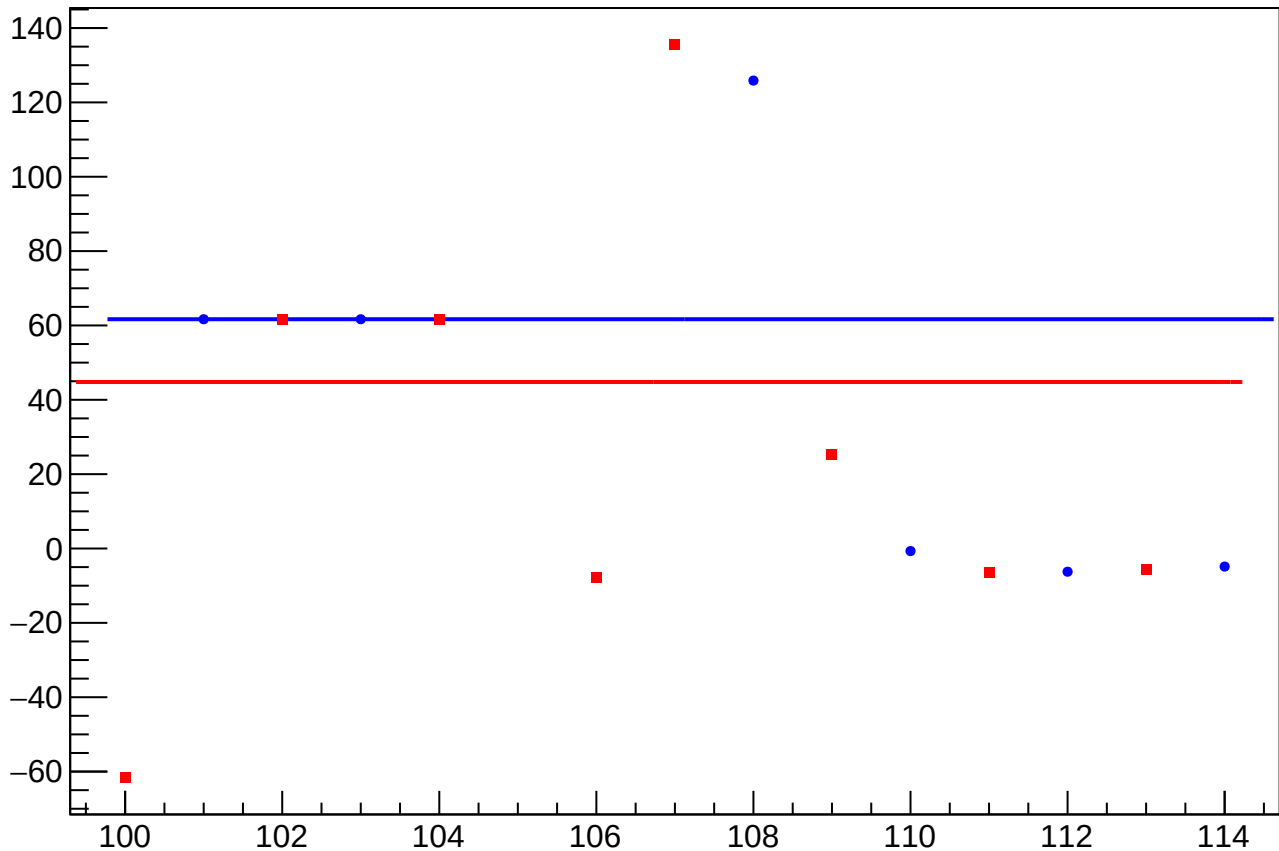
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4374608.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.673+/-0.000 χ^2/NDF : 5303954951.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

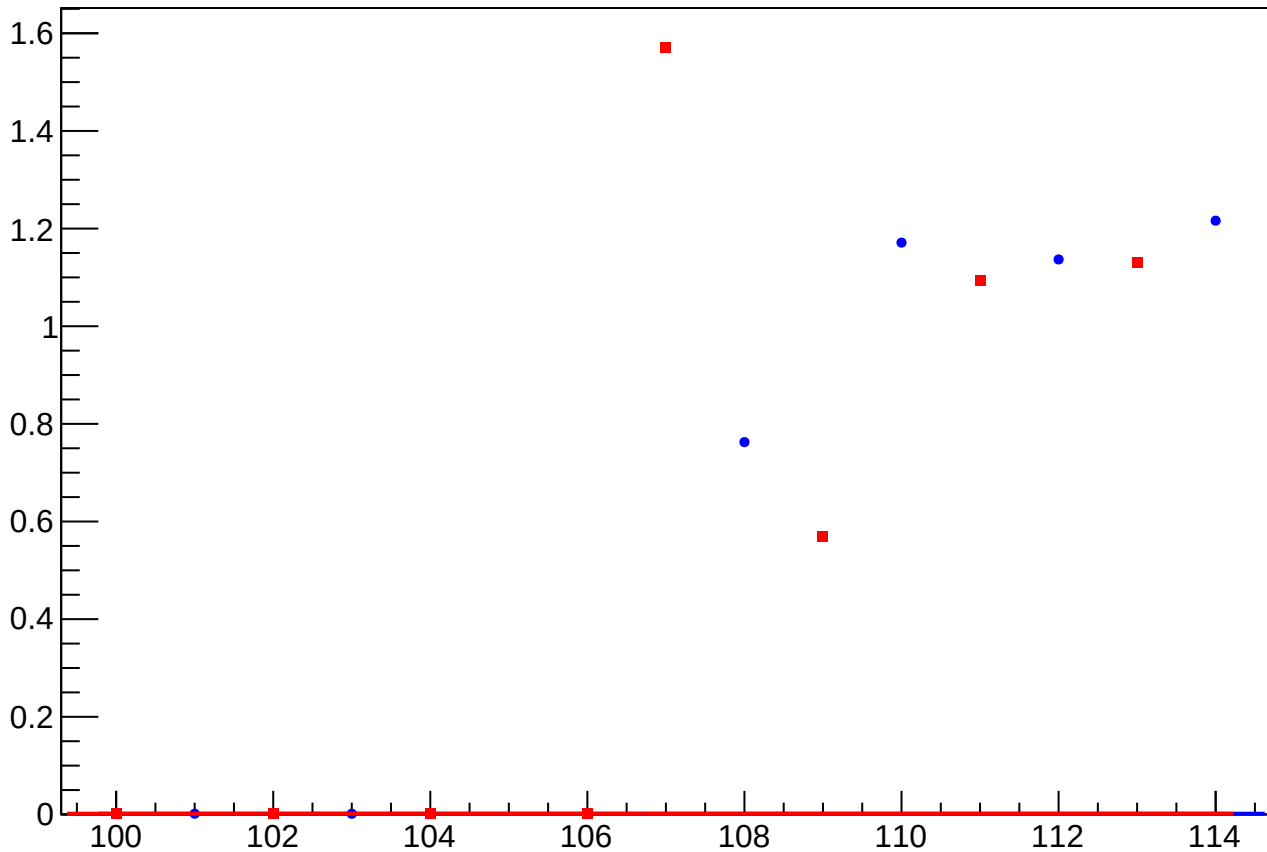
Right Out: 44.793+/-0.000 χ^2/NDF : 365871895024840.8/7

All: 52.698+/-0.000 χ^2/NDF : 4169992945010

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2467301.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2642549.6/7

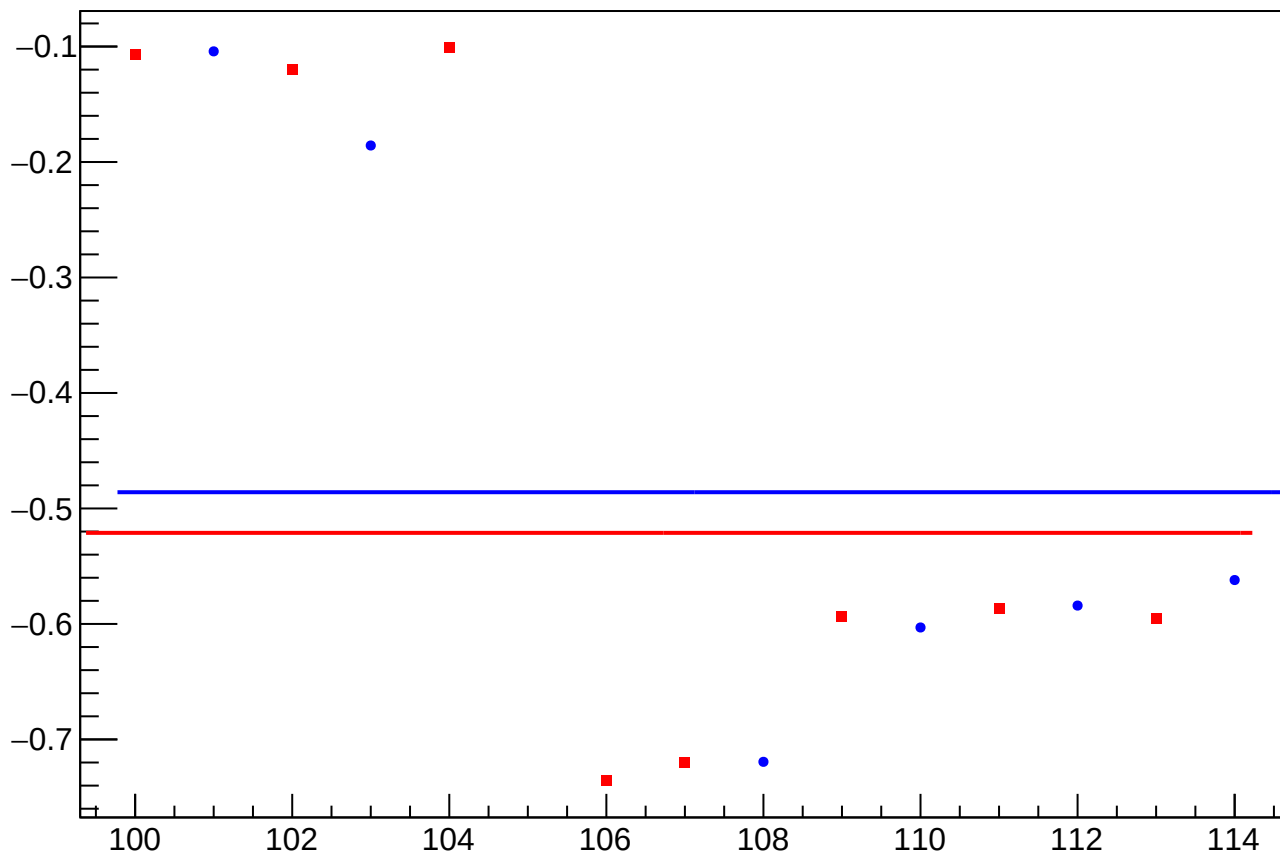
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5110098.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_mean vs Slug



Right In: -0.486+/-0.000 χ^2/NDF : 104794913.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.521+/-0.000 χ^2/NDF : 94548251.2/7

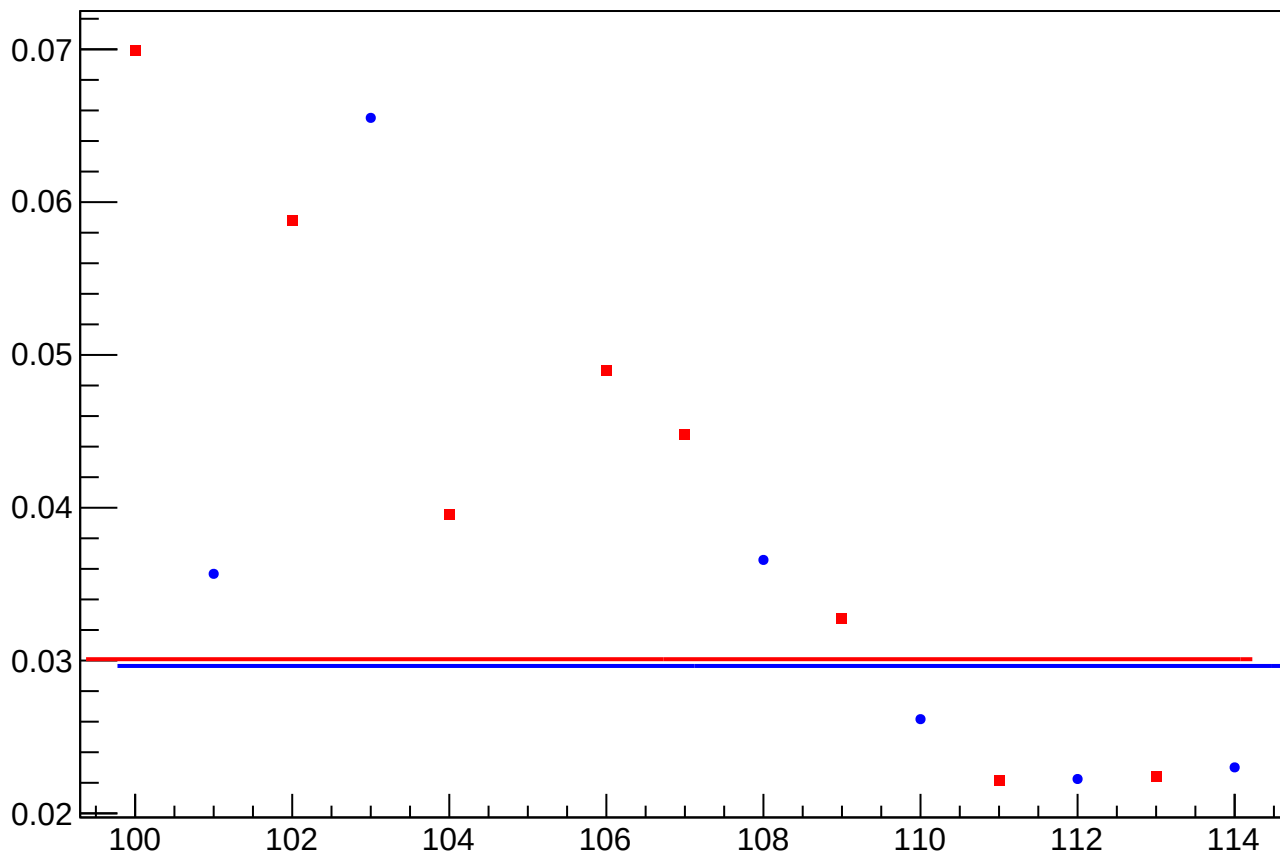
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.505+/-0.000 χ^2/NDF : 200876348.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 520650.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 677365.1/7

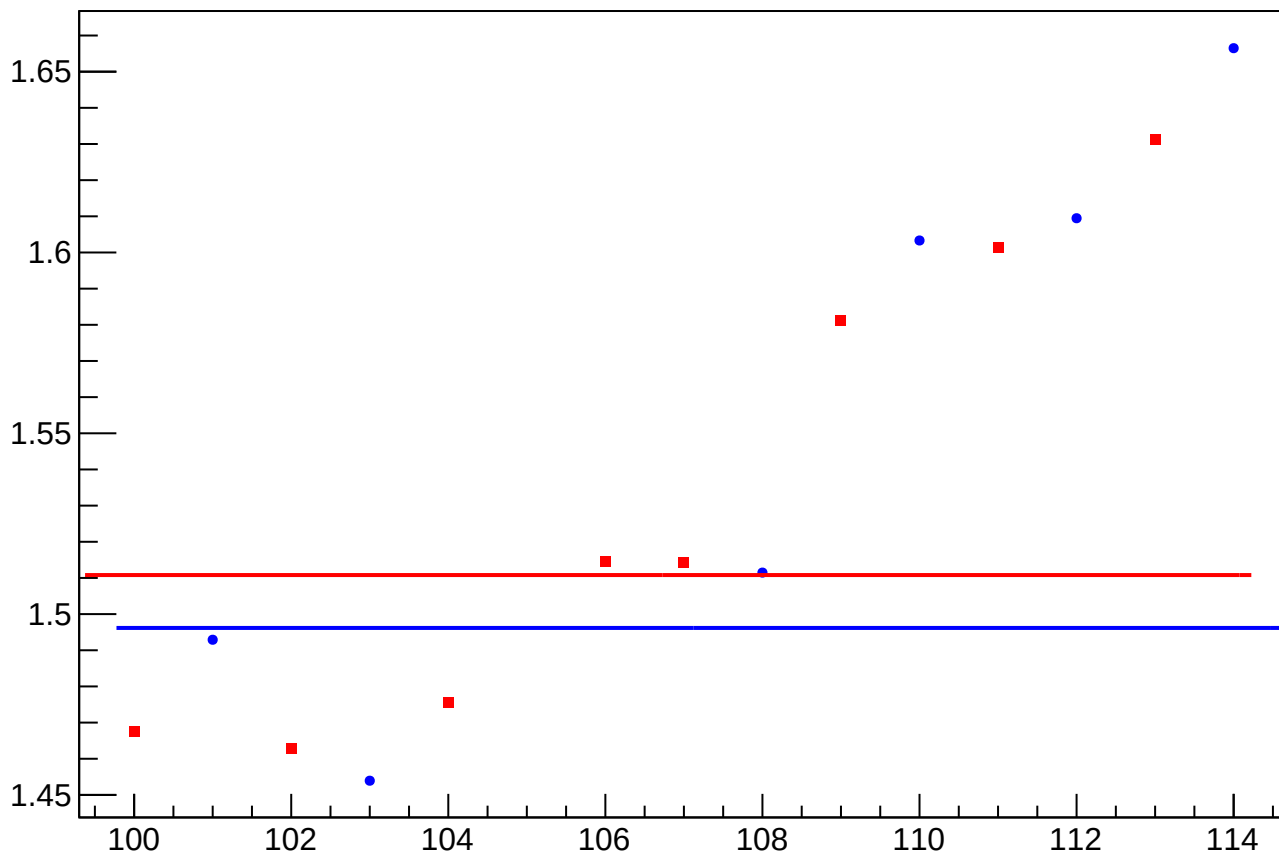
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 1198500.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 1.496 $\pm$ 0.000 χ^2 /NDF: 9701564.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.511 $\pm$ 0.000 χ^2 /NDF: 18106943.9/7

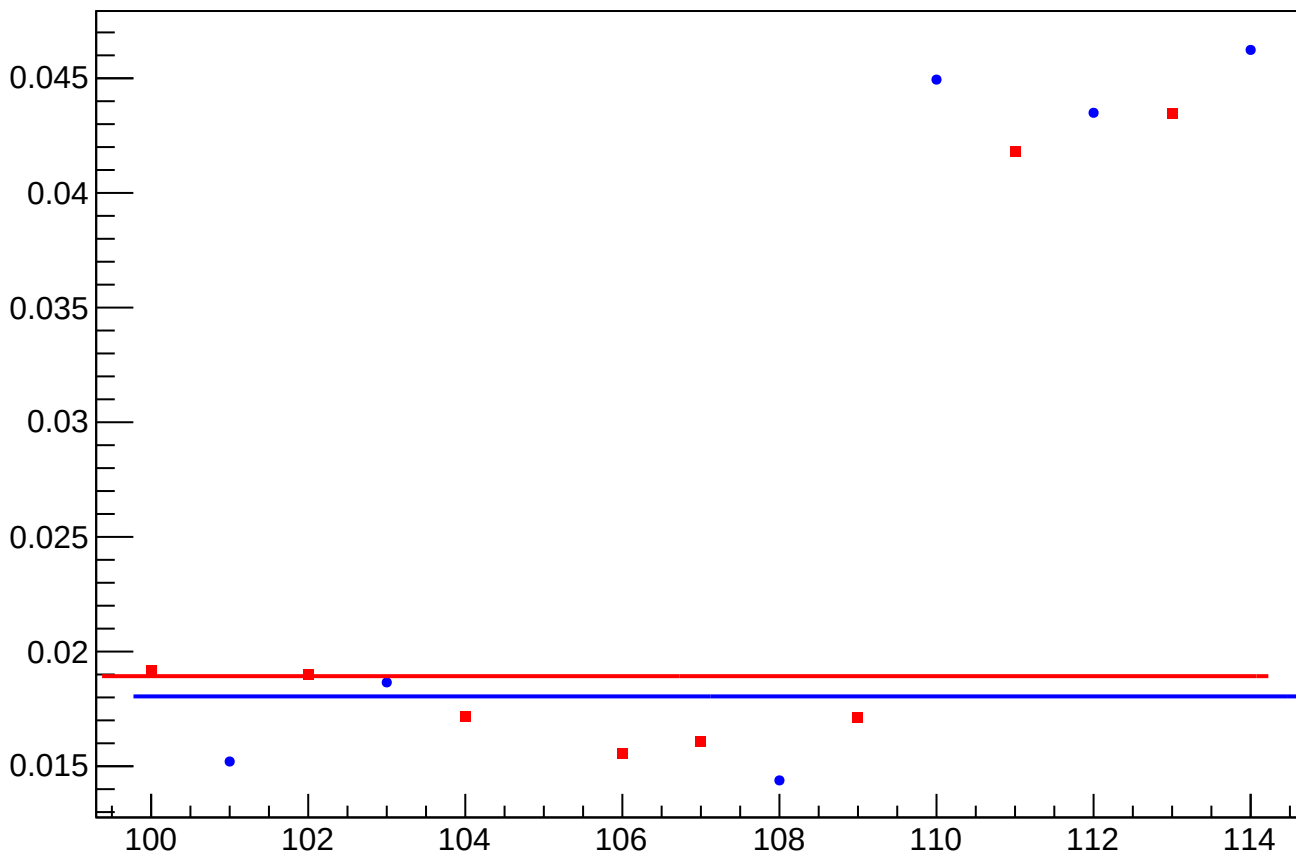
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.504 $\pm$ 0.000 χ^2 /NDF: 28526883.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 721744.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 592718.6/7

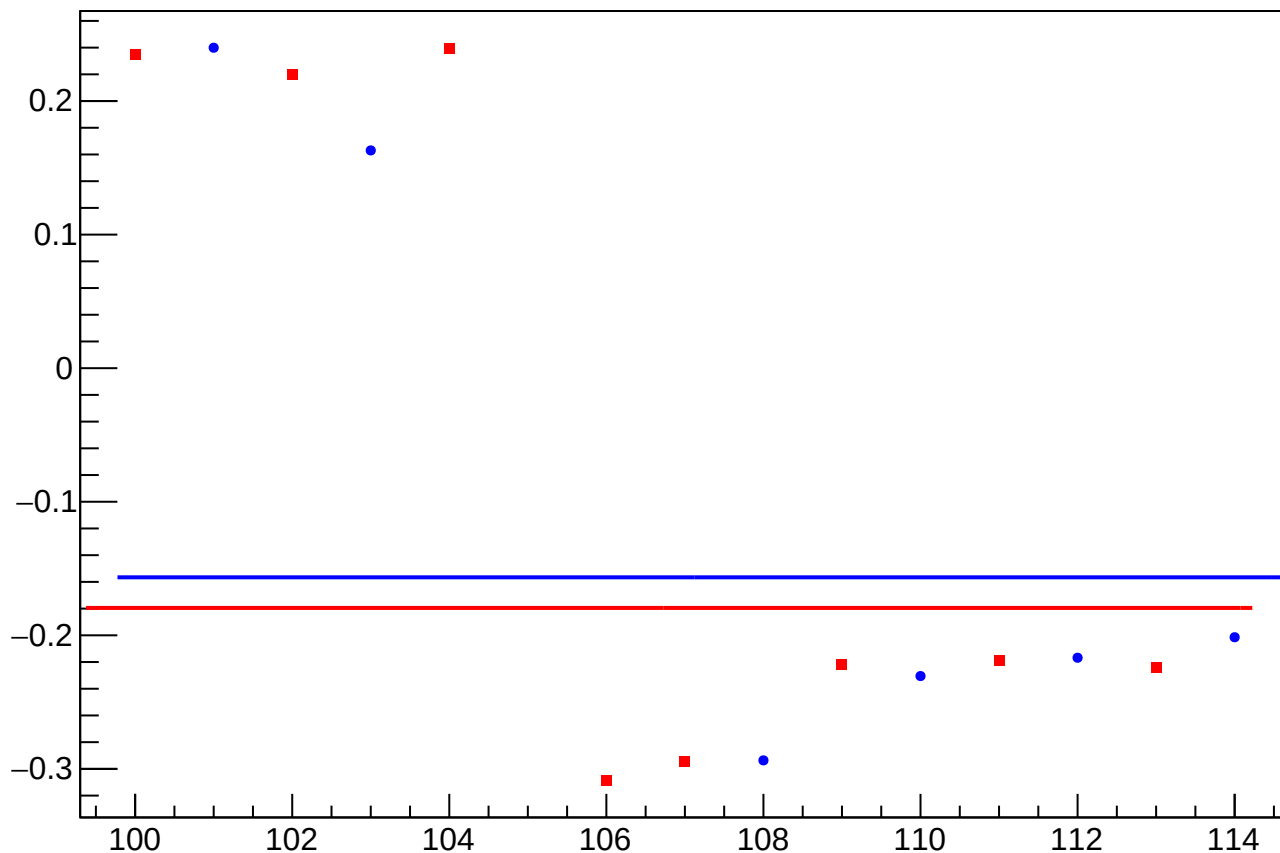
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1319690.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_mean vs Slug



Right In: -0.157+/-0.000 χ^2/NDF : 90021572.5/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.179+/-0.000 χ^2/NDF : 80580076.3/7

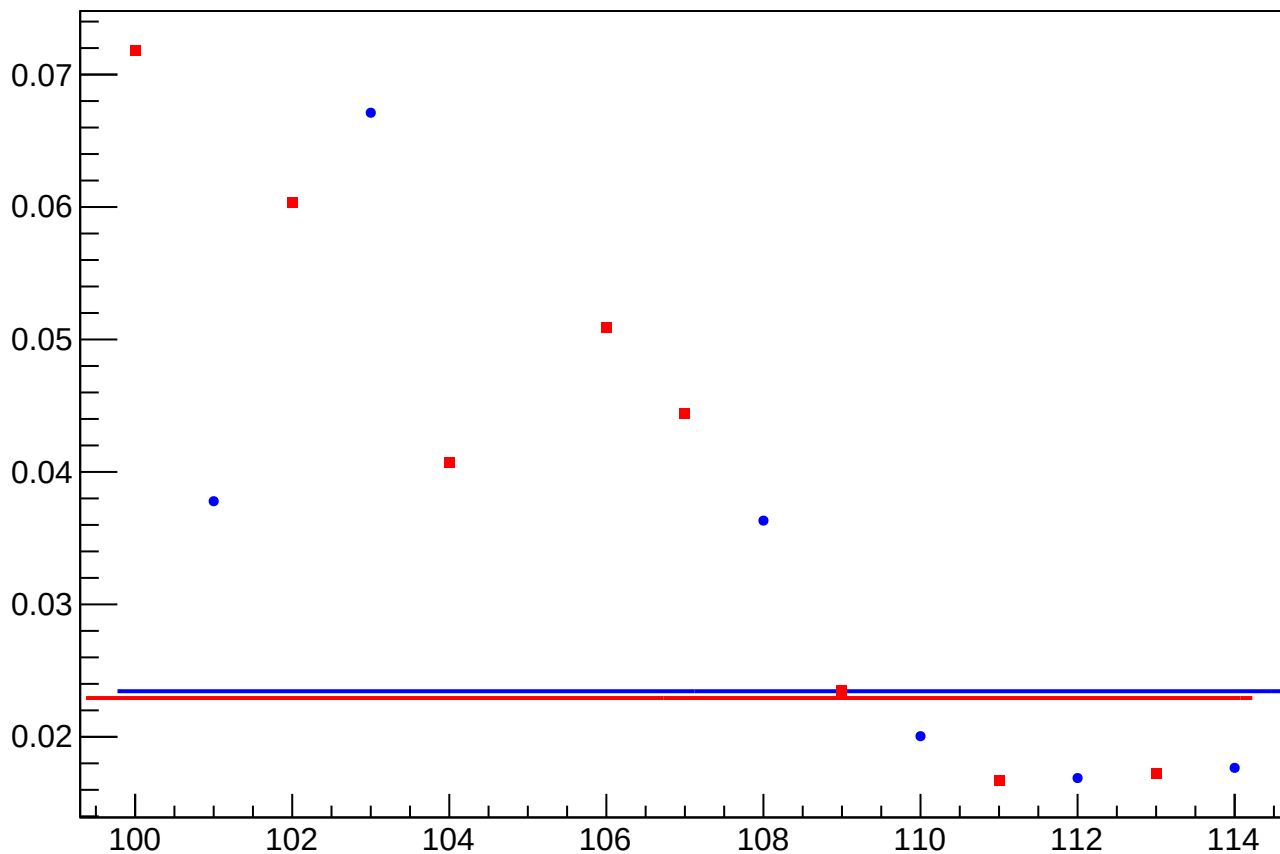
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.169+/-0.000 χ^2/NDF : 171582897.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 898100.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1095519.5/7

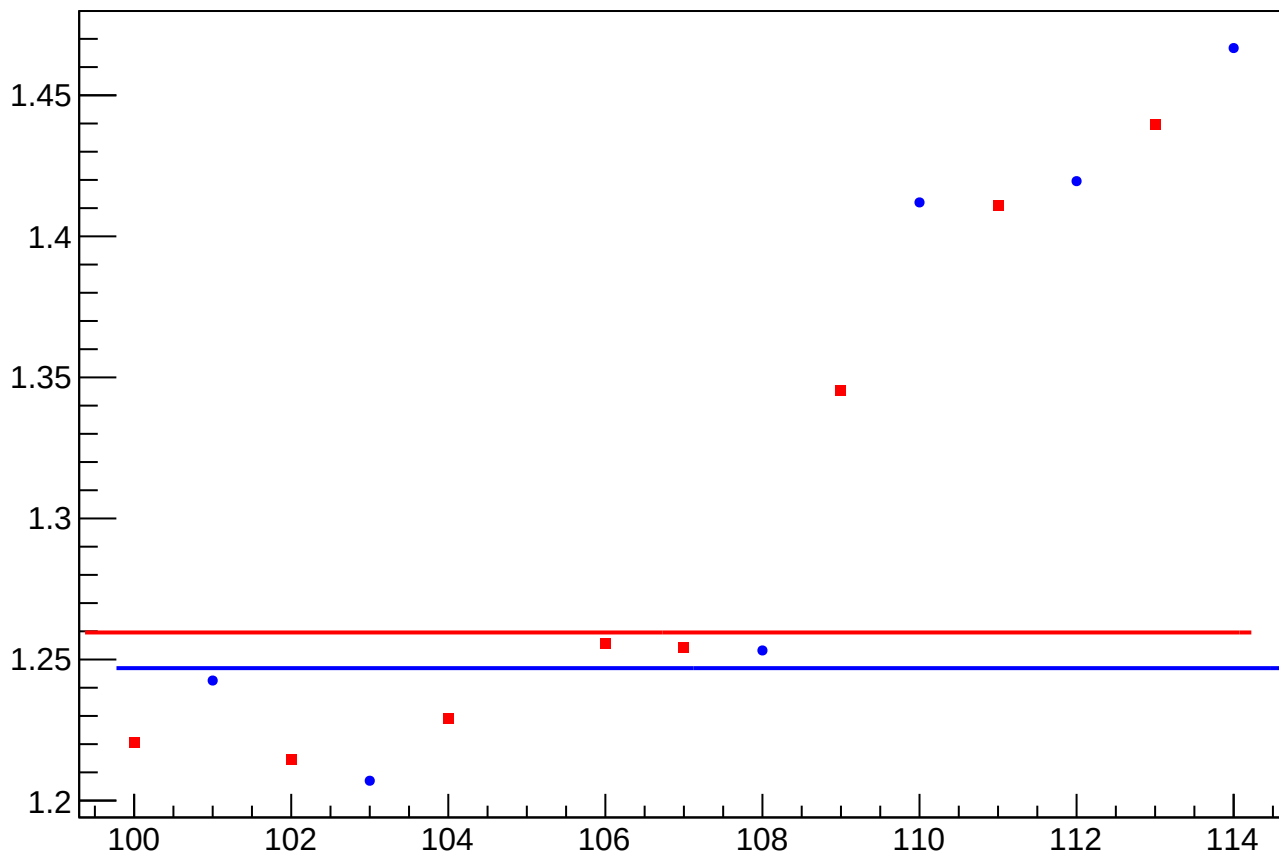
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1994606.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 1.247+/-0.000 χ^2/NDF : 19145813.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.260+/-0.000 χ^2/NDF : 31670960.9/7

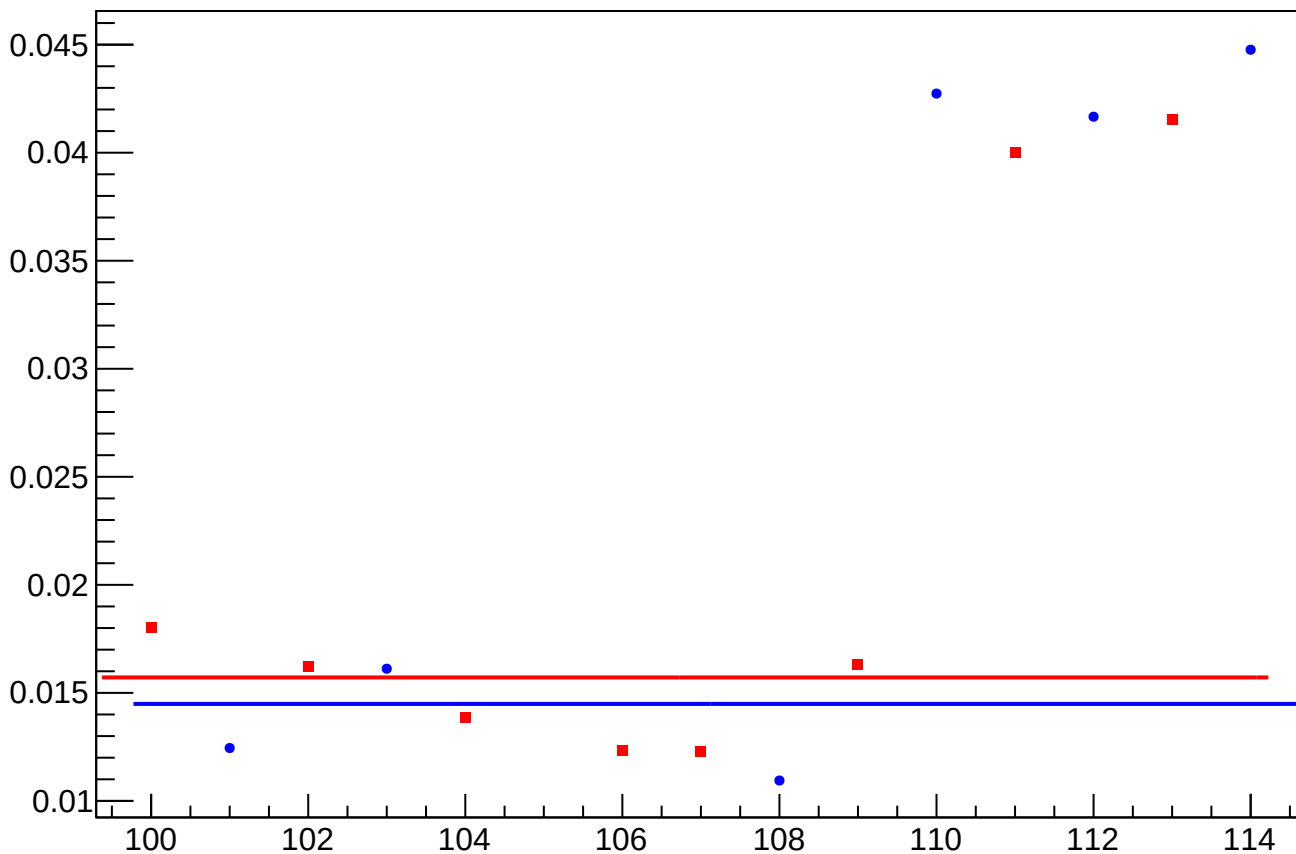
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.254+/-0.000 χ^2/NDF : 51587318.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 889642.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 743516.5/7

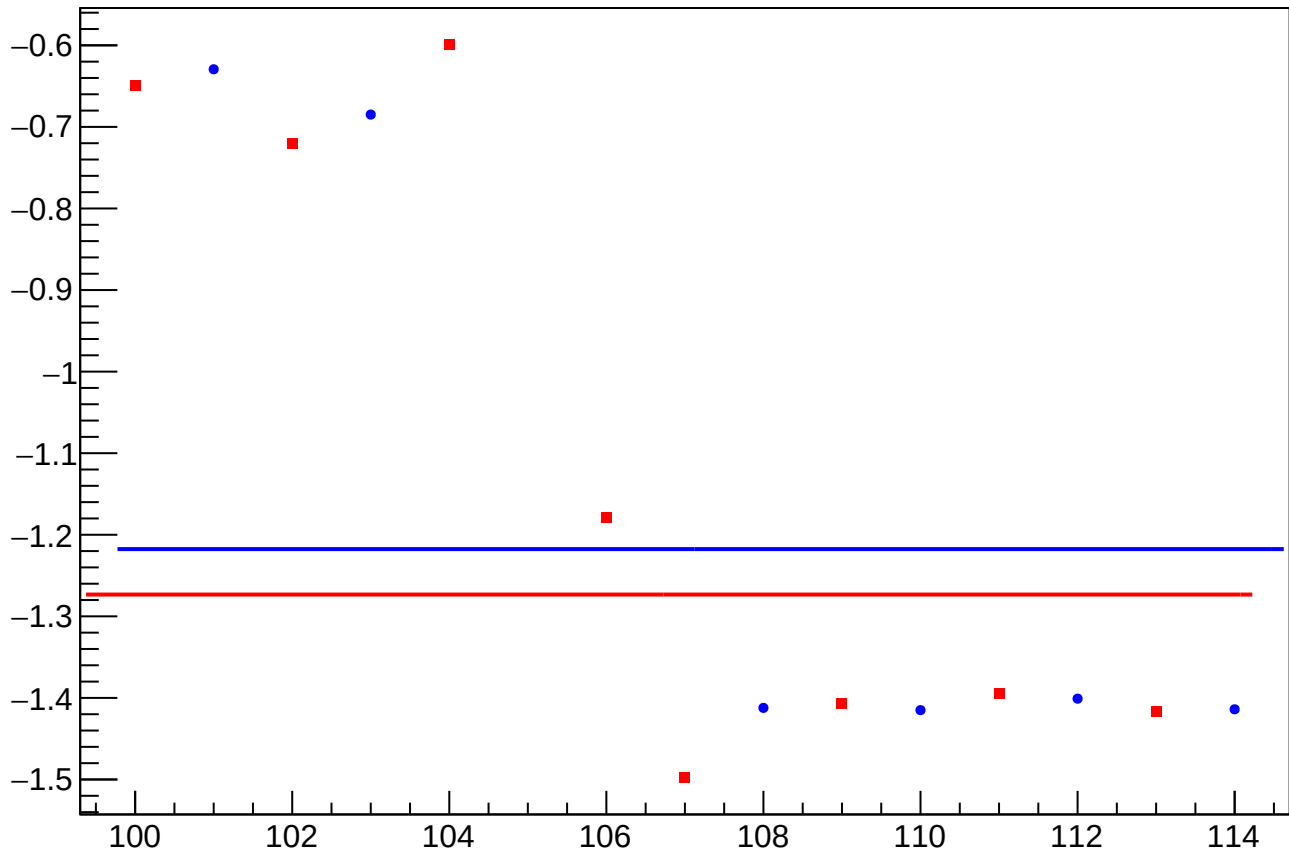
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1647617.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -1.218+/-0.000 χ^2/NDF : 259403168.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.273+/-0.000 χ^2/NDF : 226787945.4/7

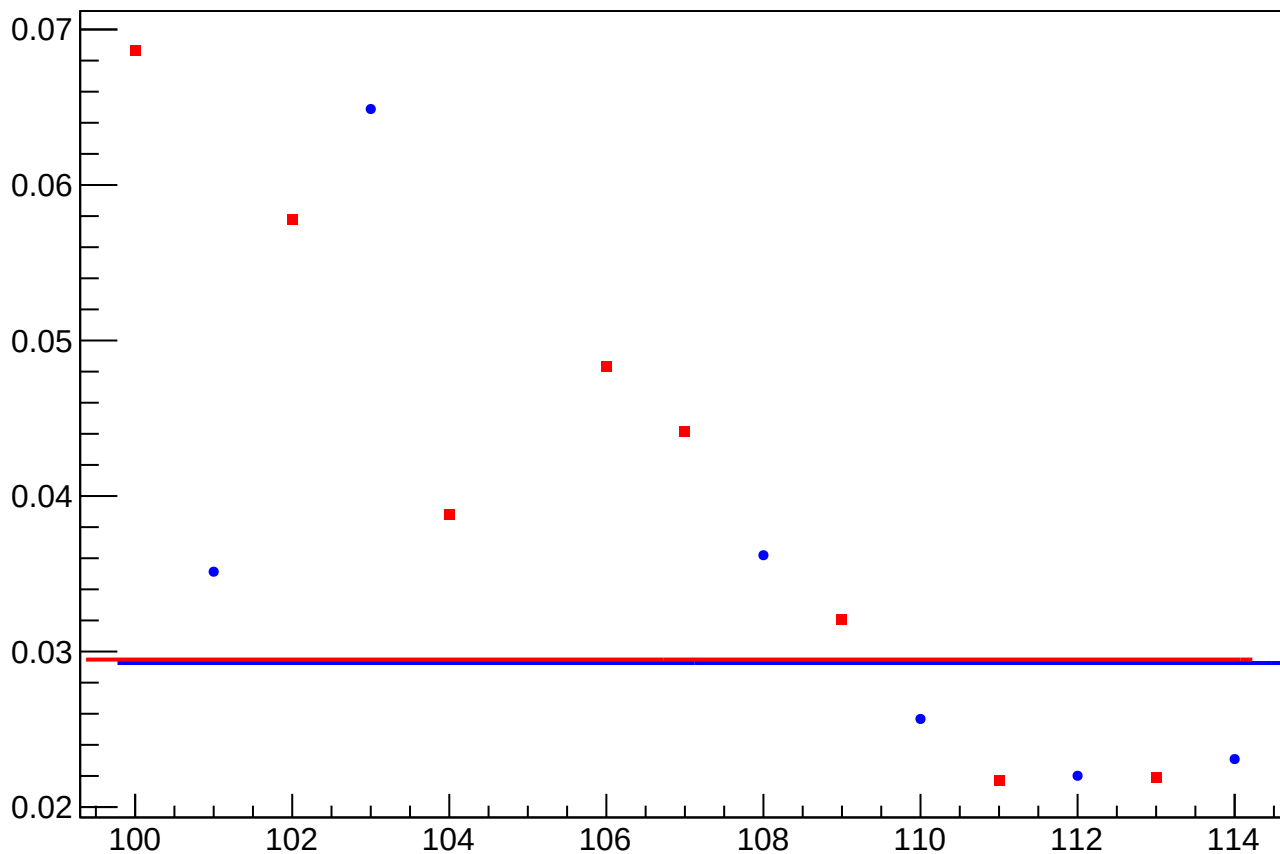
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.248+/-0.000 χ^2/NDF : 490147128.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.029 $\pm$ 0.000 χ^2 /NDF: 518535.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.000 χ^2 /NDF: 682489.7/7

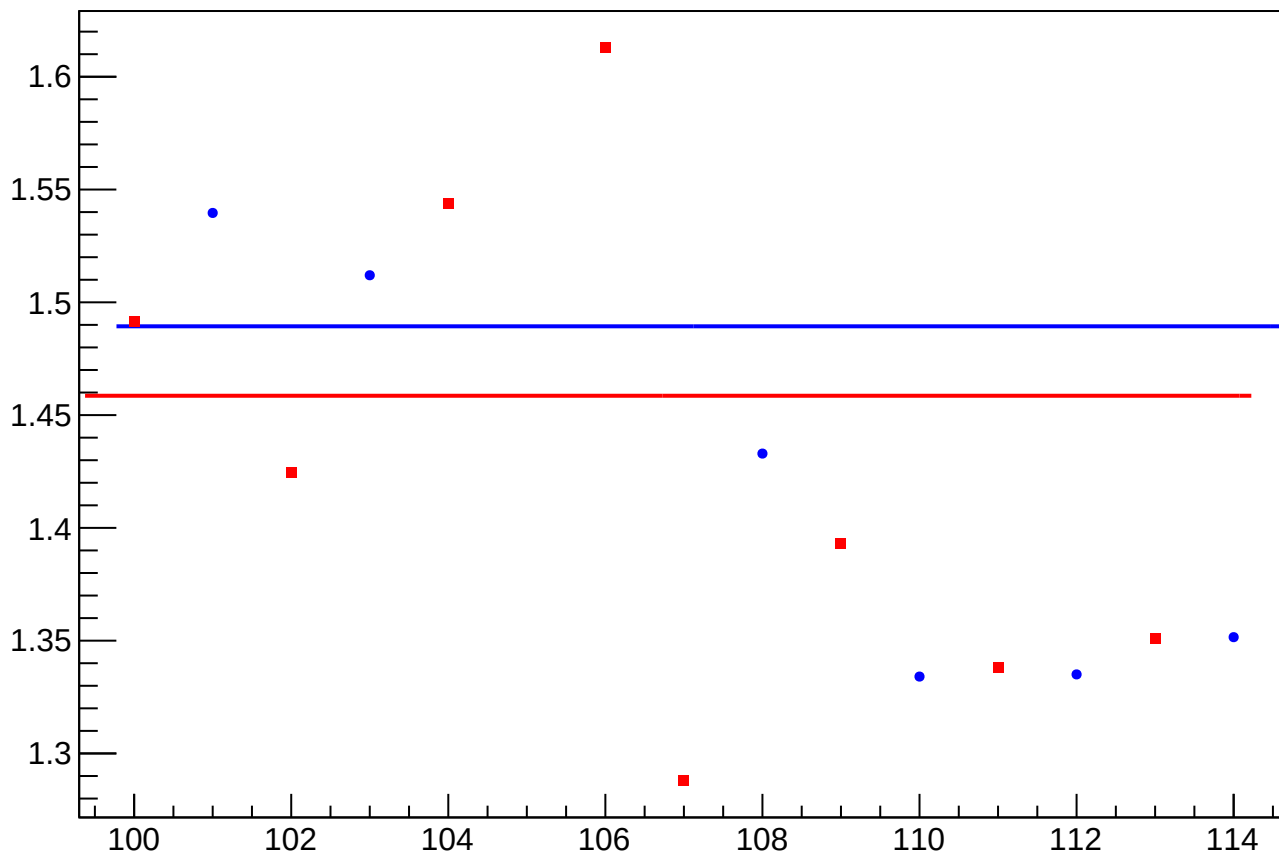
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.000 χ^2 /NDF: 1201151.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 1.489+/-0.000 χ^2/NDF : 21815747.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.459+/-0.000 χ^2/NDF : 74044103.2/7

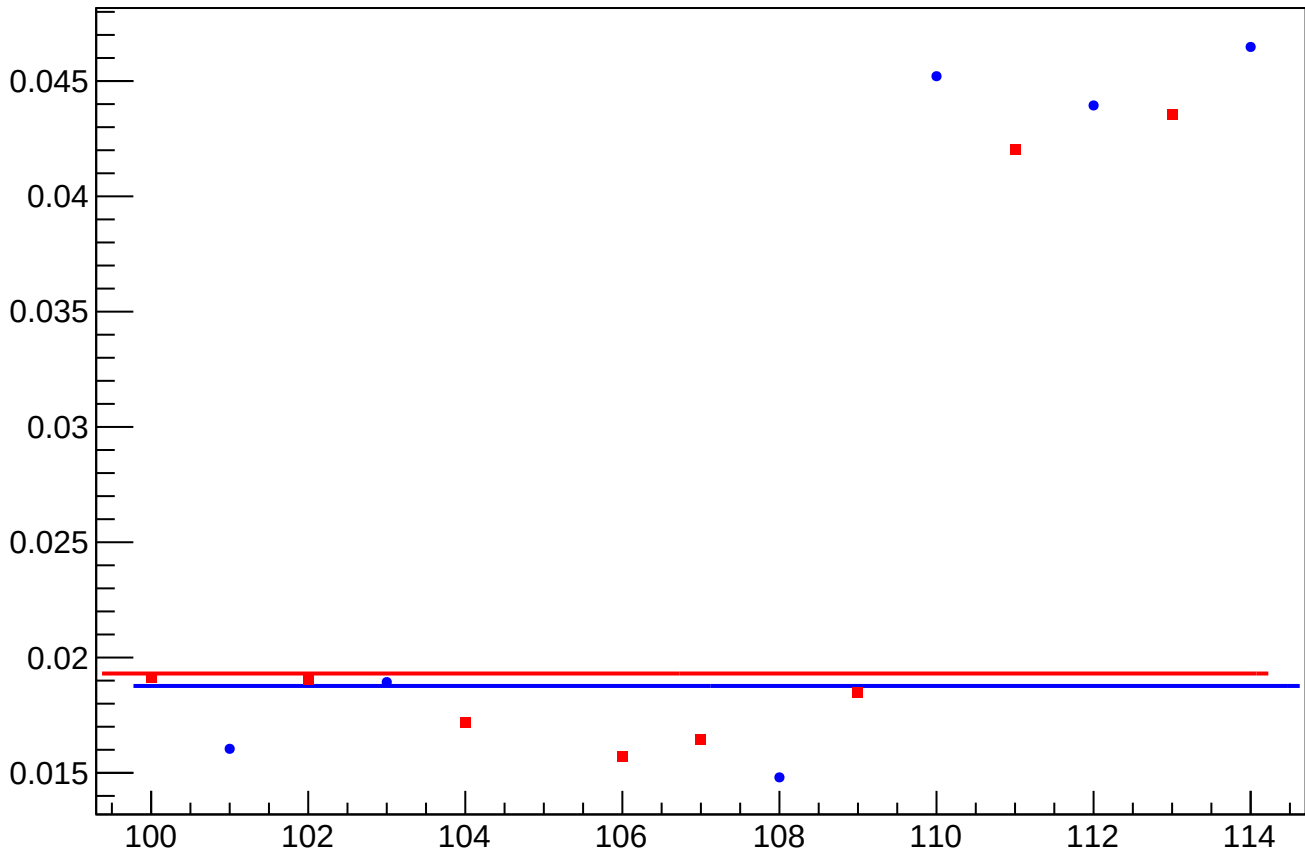
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.473+/-0.000 χ^2/NDF : 98851084.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 689122.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 578380.5/7

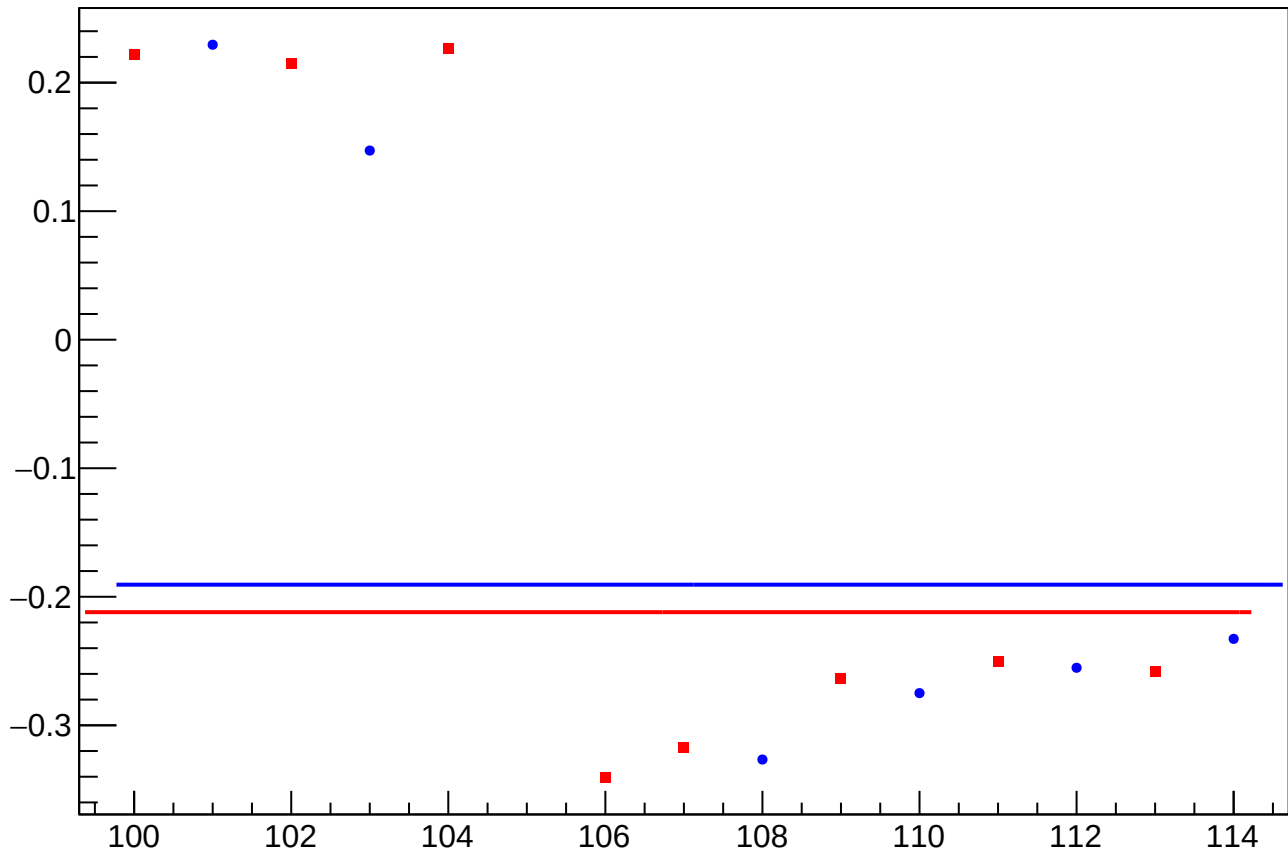
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1269338.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: -0.191+/-0.000 χ^2/NDF : 99055381.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.212+/-0.000 χ^2/NDF : 86363945.2/7

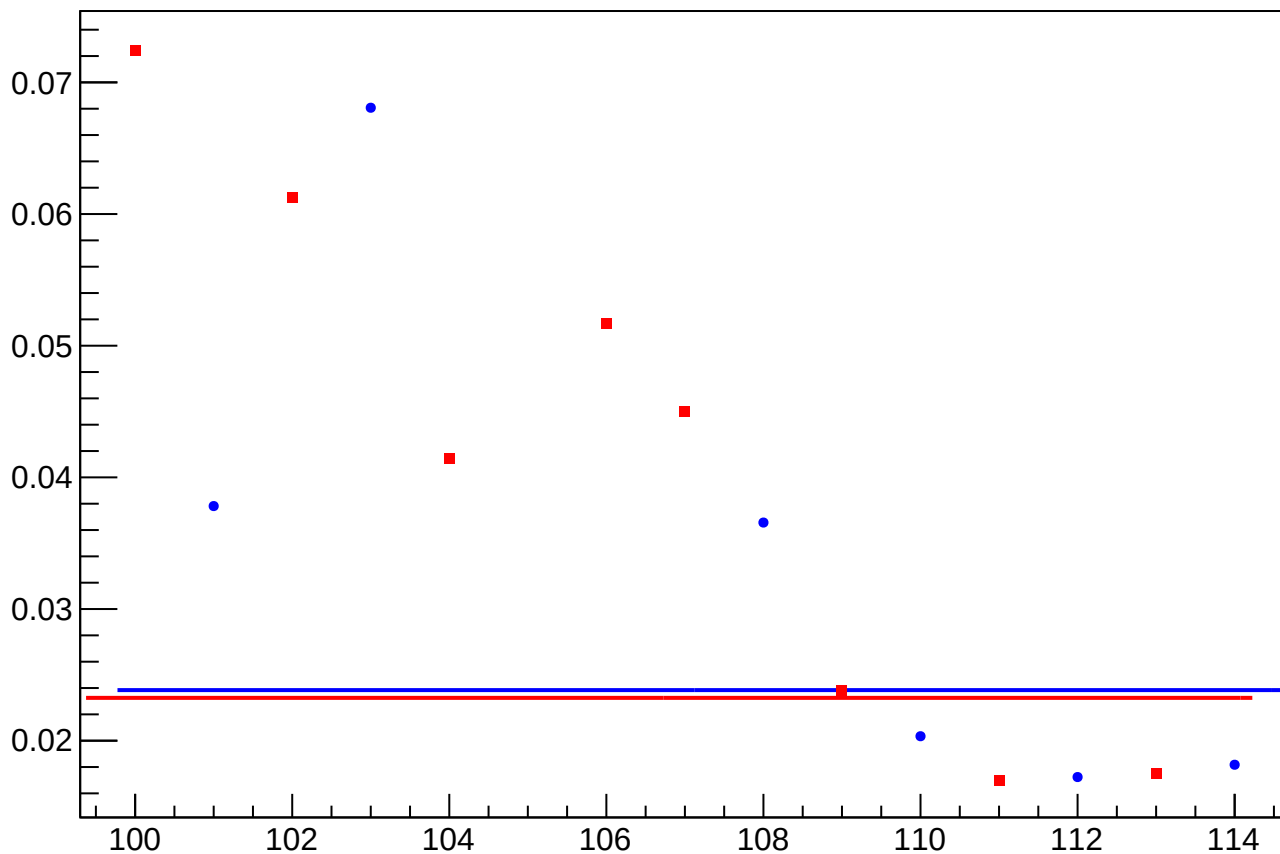
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.202+/-0.000 χ^2/NDF : 186249190.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.024+/-0.000 χ^2/NDF : 878910.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1098605.2/7

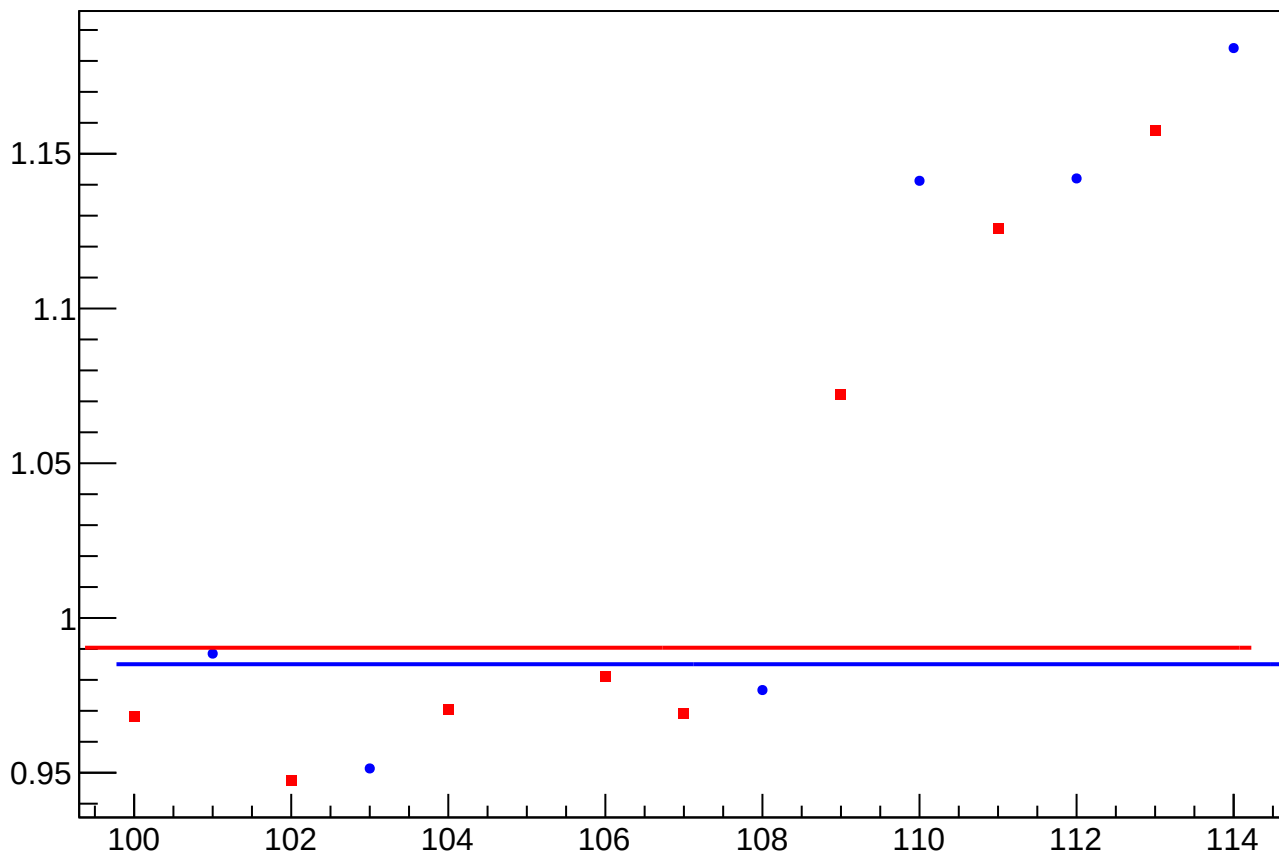
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1978774.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.985+/-0.000 χ^2/NDF : 16333793.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.990+/-0.000 χ^2/NDF : 27907515.9/7

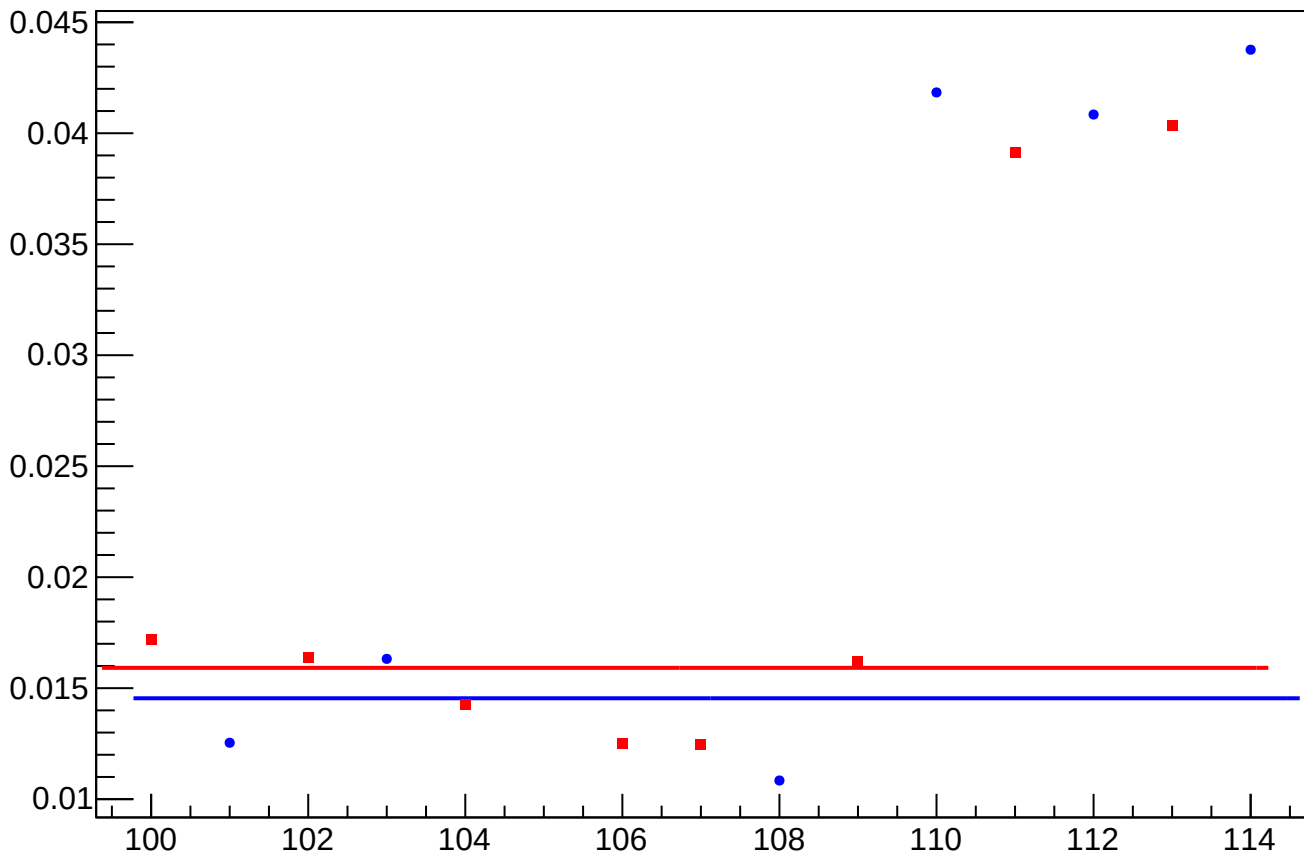
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.988+/-0.000 χ^2/NDF : 44376964.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 878610.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 706771.0/7

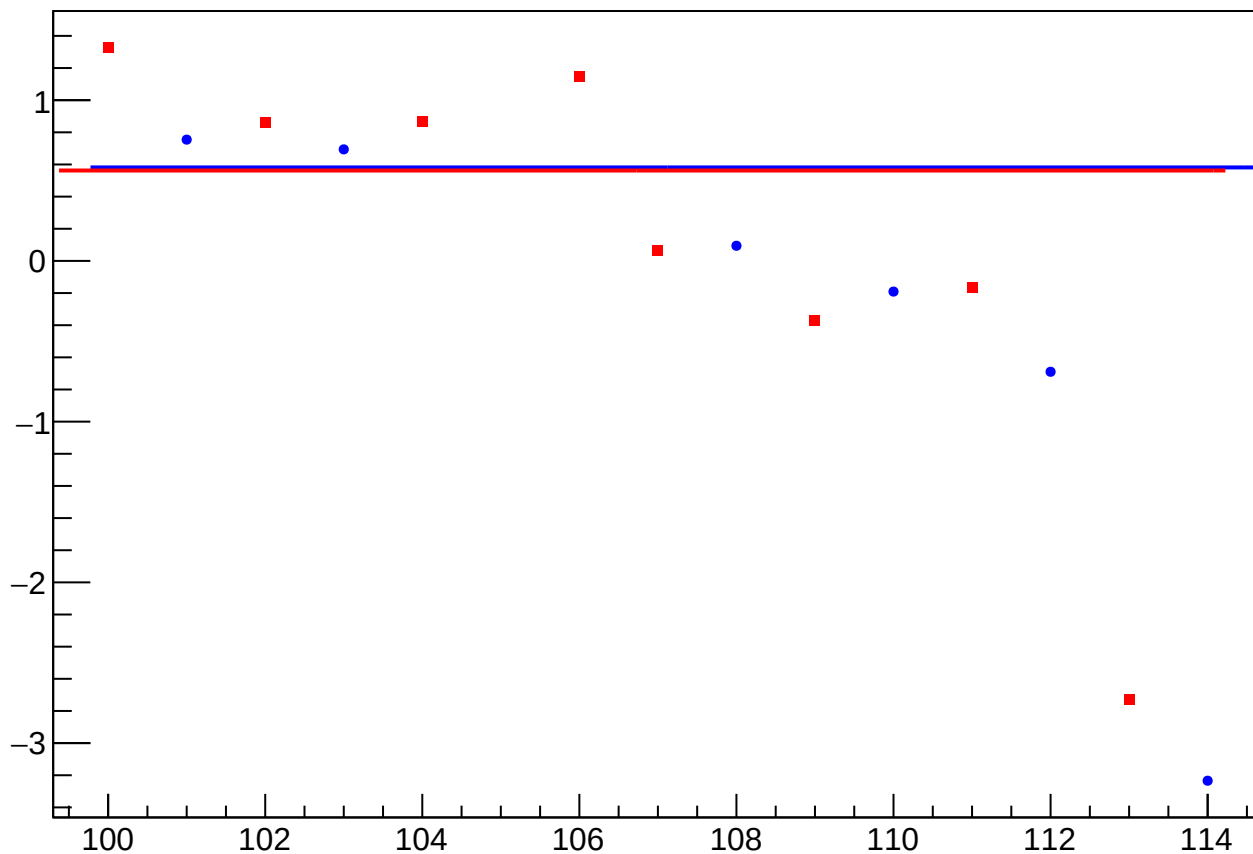
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1603330.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.582+/-0.000 χ^2/NDF : 181830277.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.562+/-0.000 χ^2/NDF : 799281016.9/7

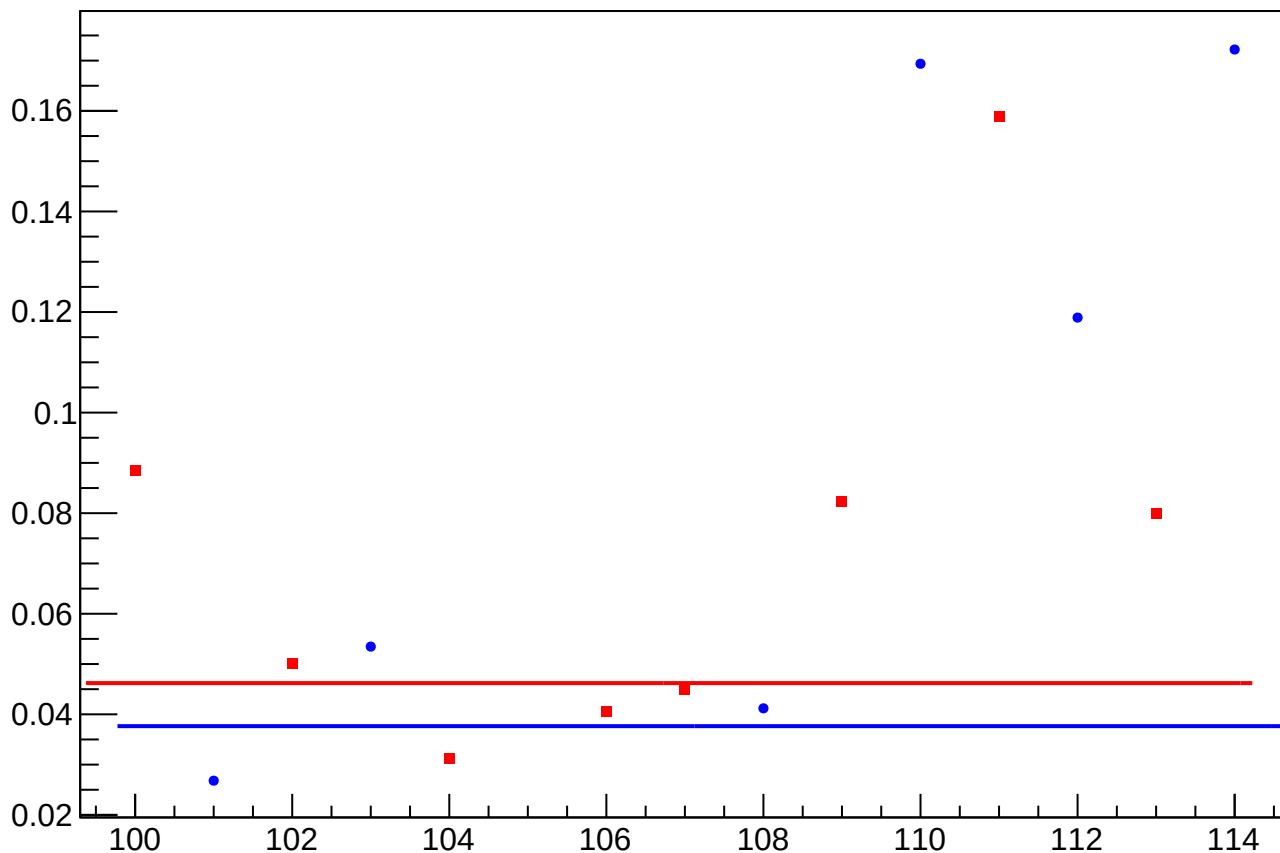
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.573+/-0.000 χ^2/NDF : 981310524.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.038 $\pm$ 0.000 χ^2 /NDF: 1252350.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.046 $\pm$ 0.000 χ^2 /NDF: 950228.8/7

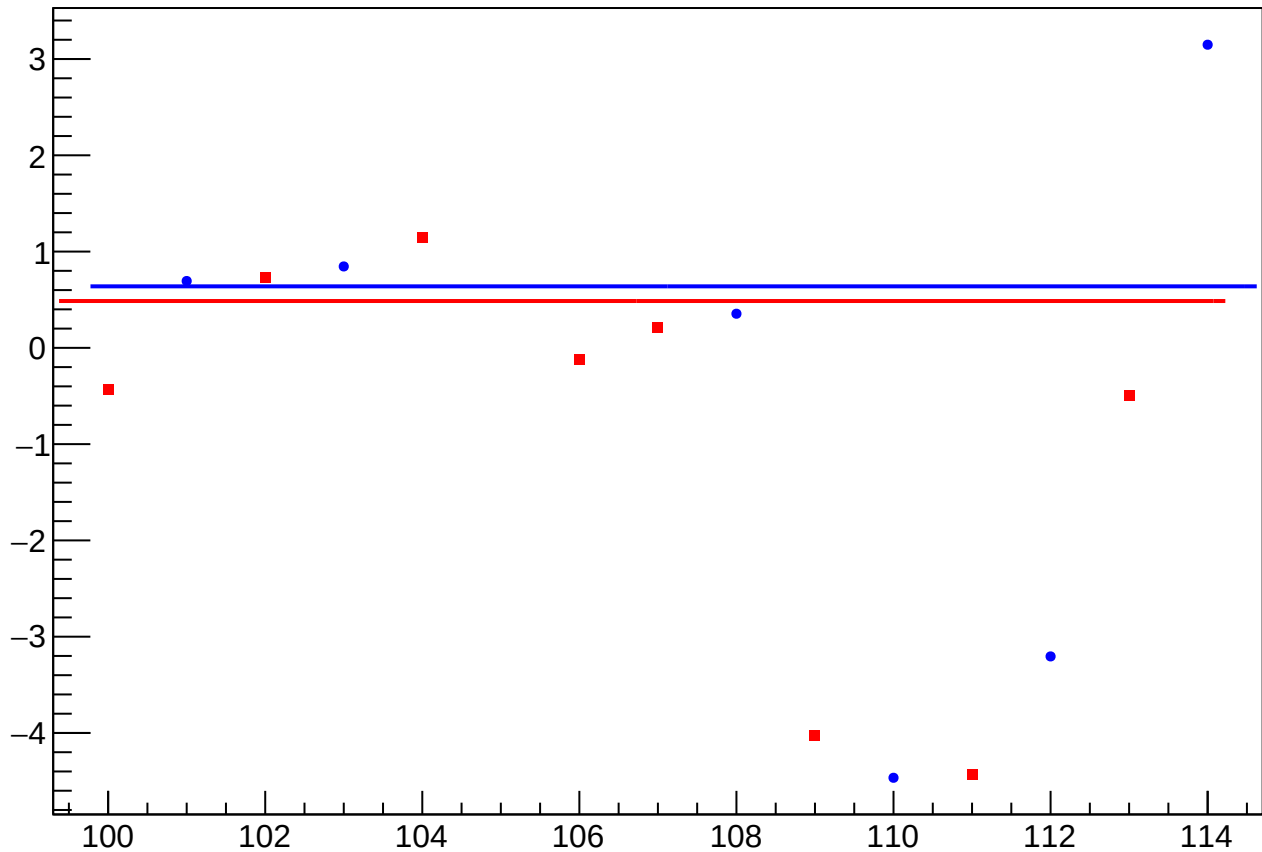
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 2282321.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 0.639+/-0.000 χ^2/NDF : 1283305383.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.487+/-0.000 χ^2/NDF : 3644923339.2/7

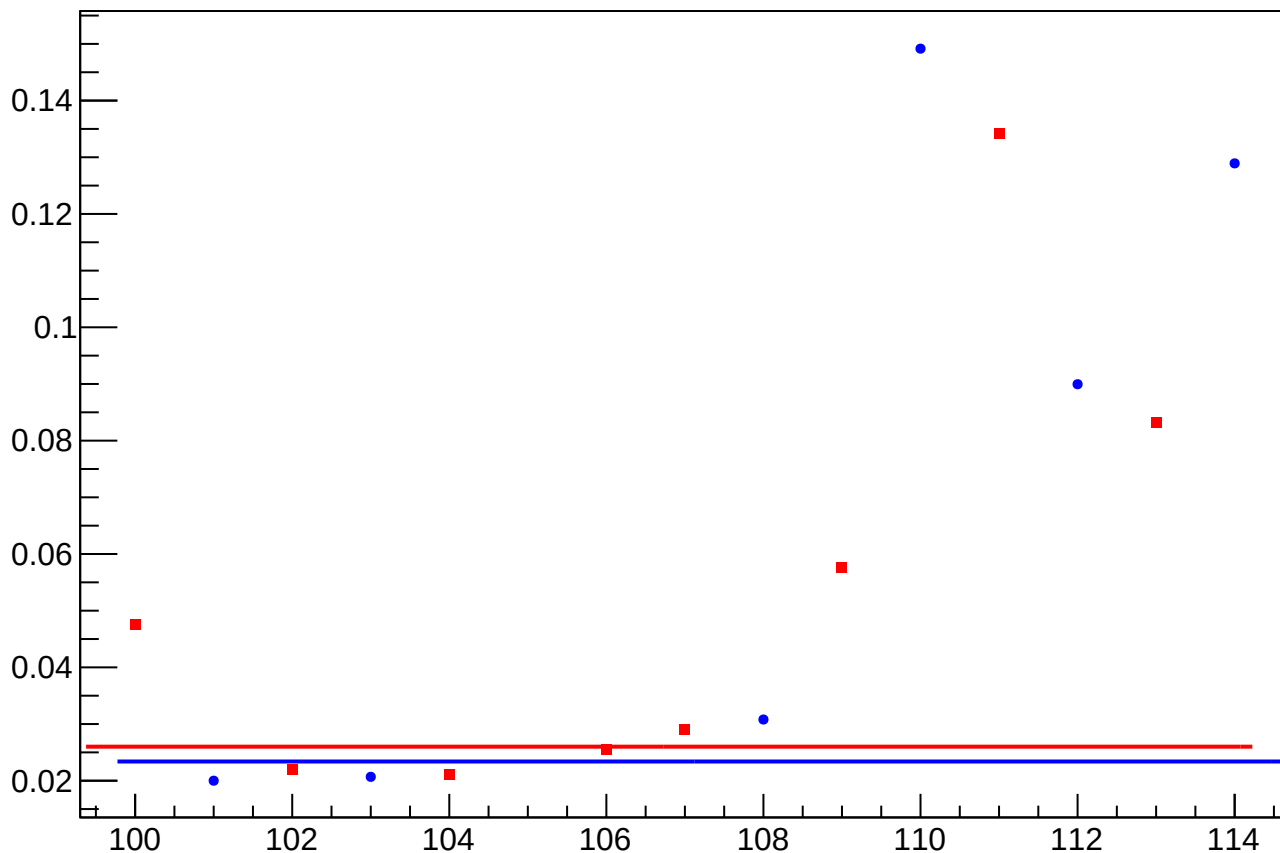
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.563+/-0.000 χ^2/NDF : 4964287473.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 1192950.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 1273435.6/7

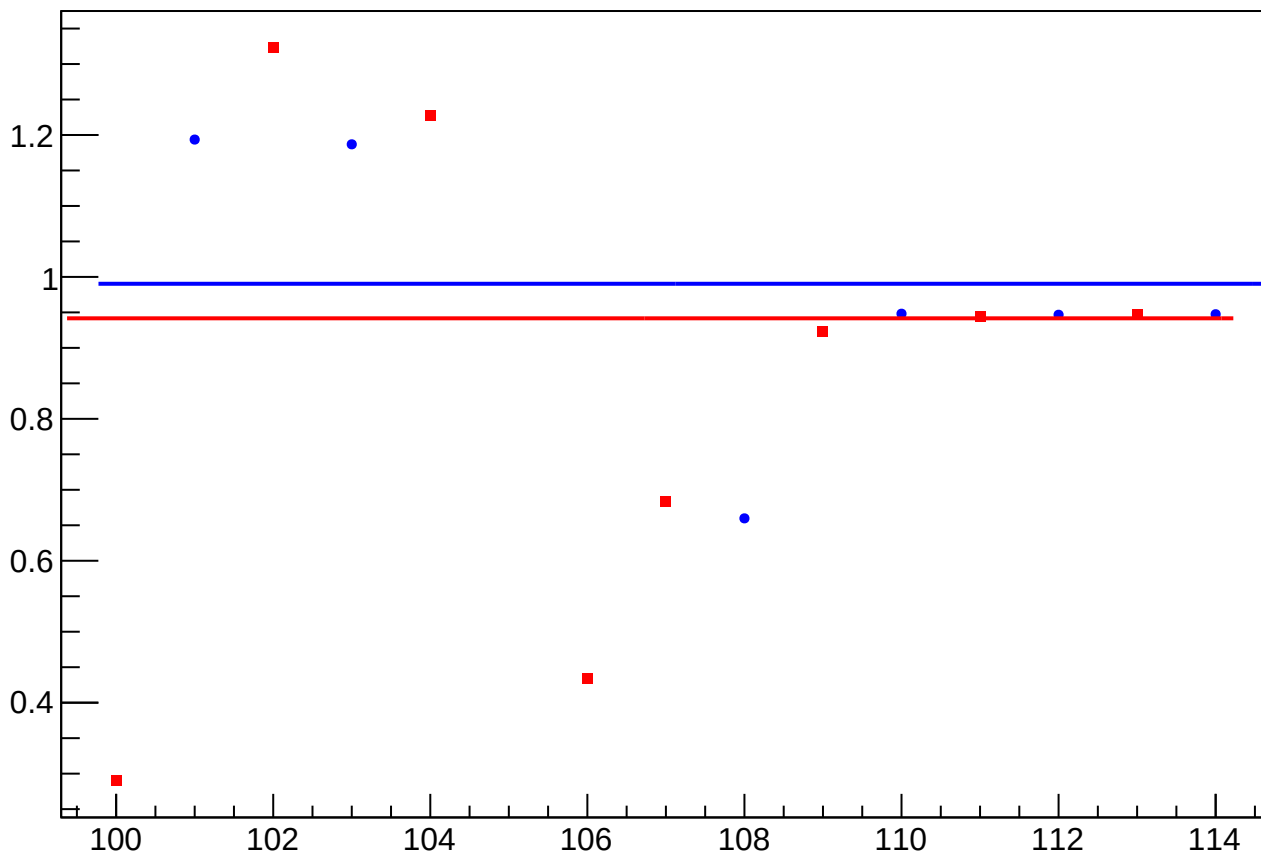
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2487644.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.990+/-0.000 χ^2/NDF : 222972389.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.942+/-0.000 χ^2/NDF : 440425028.0/7

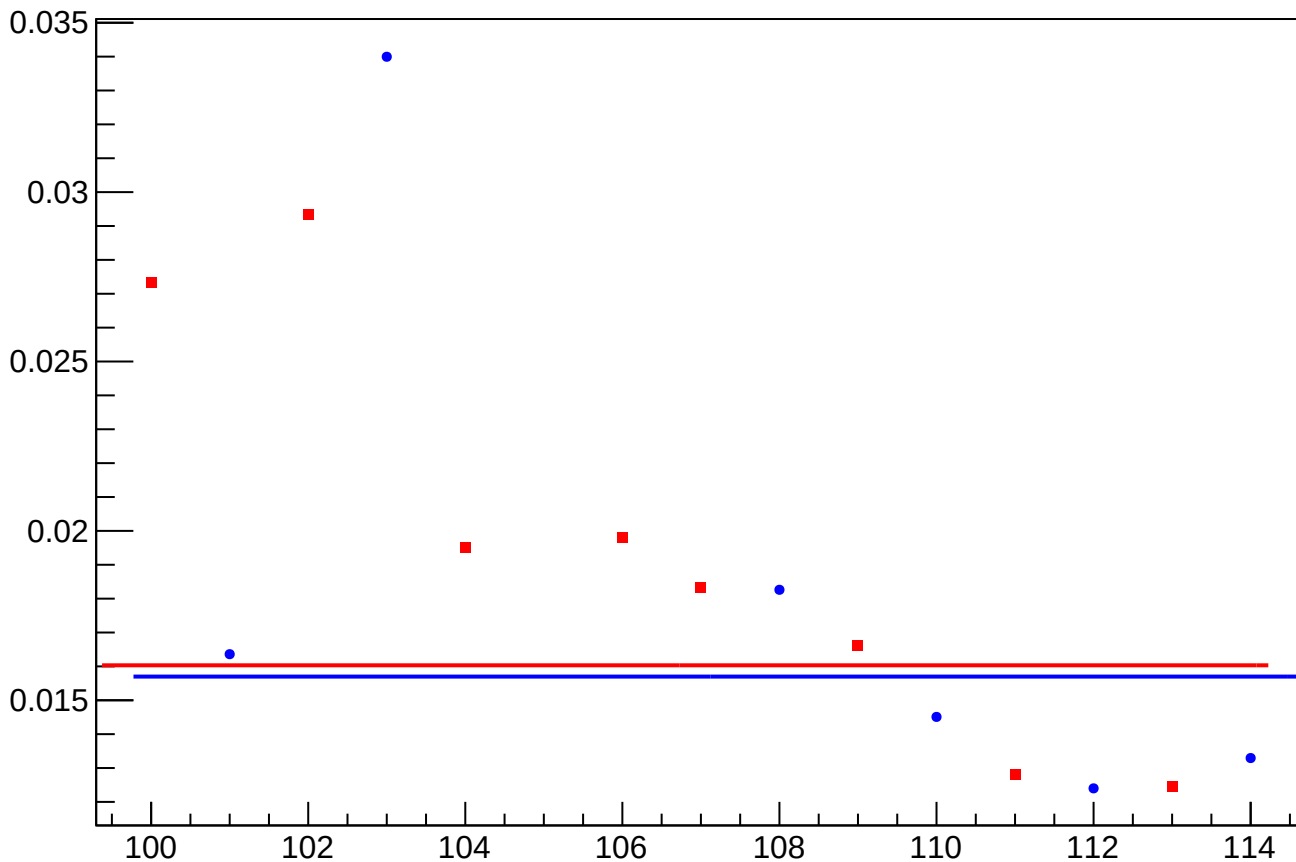
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.964+/-0.000 χ^2/NDF : 674474019.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 416074.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 431893.7/7

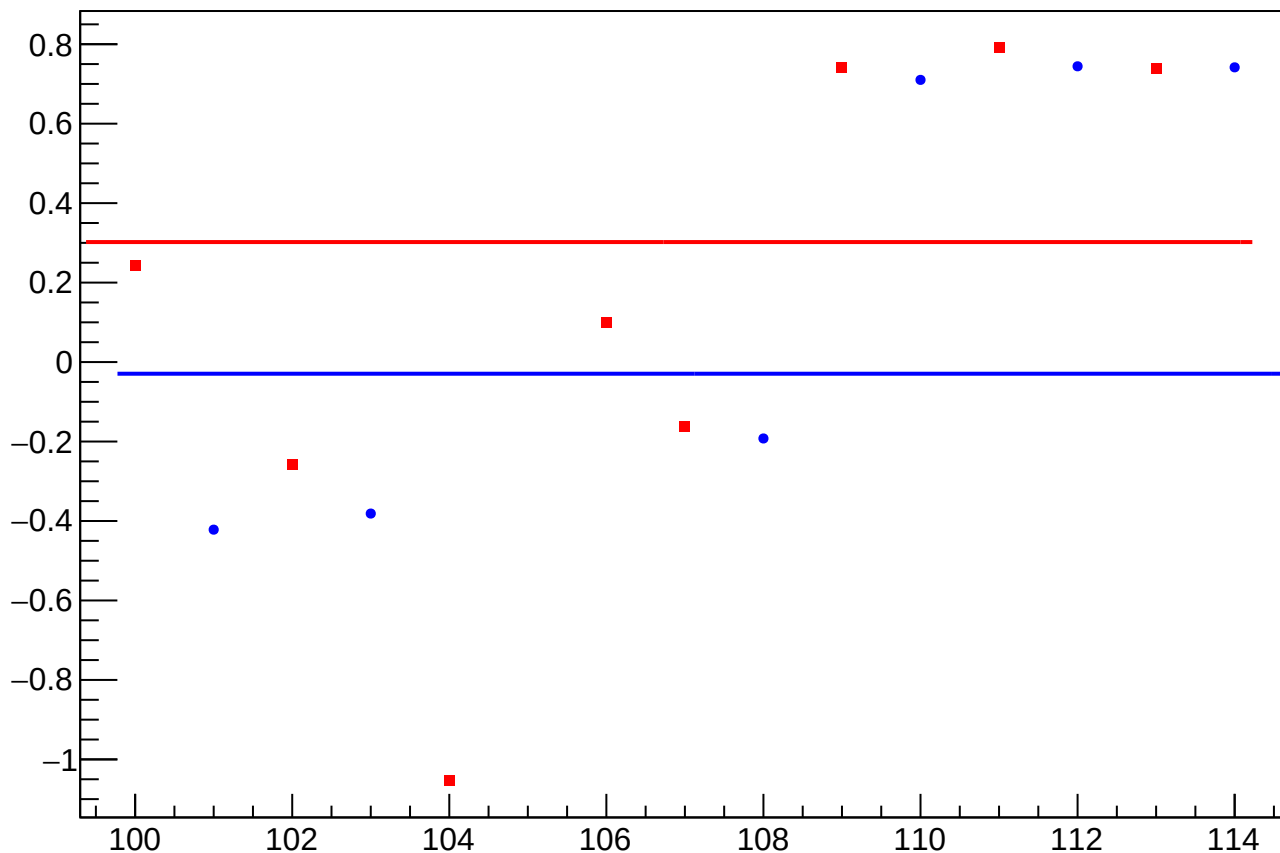
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 849004.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.029+/-0.000 χ^2/NDF : 1782626622.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.302+/-0.000 χ^2/NDF : 5910980814.4/7

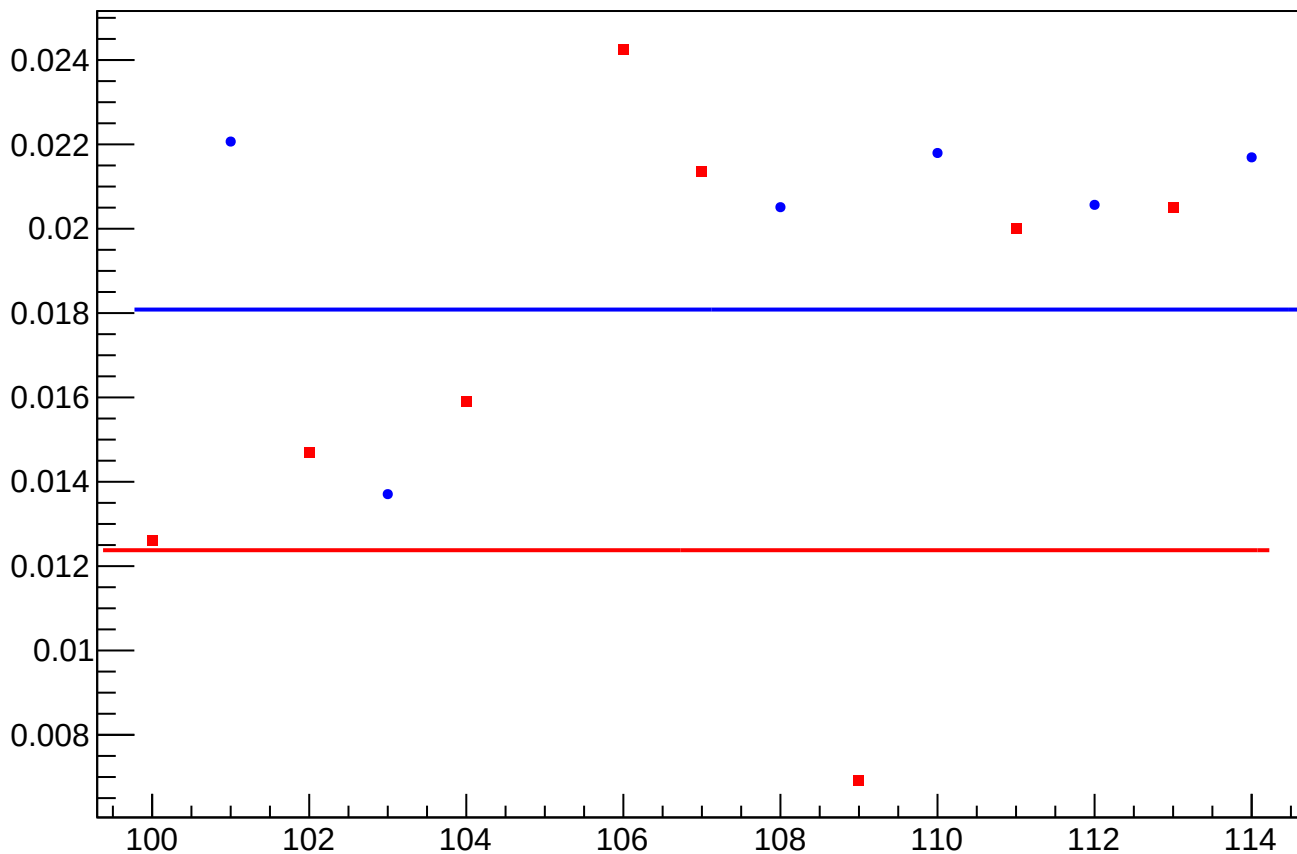
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.197+/-0.000 χ^2/NDF : 8209534237.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.018 $\pm$ 0.000 χ^2 /NDF: 197836.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 950908.7/7

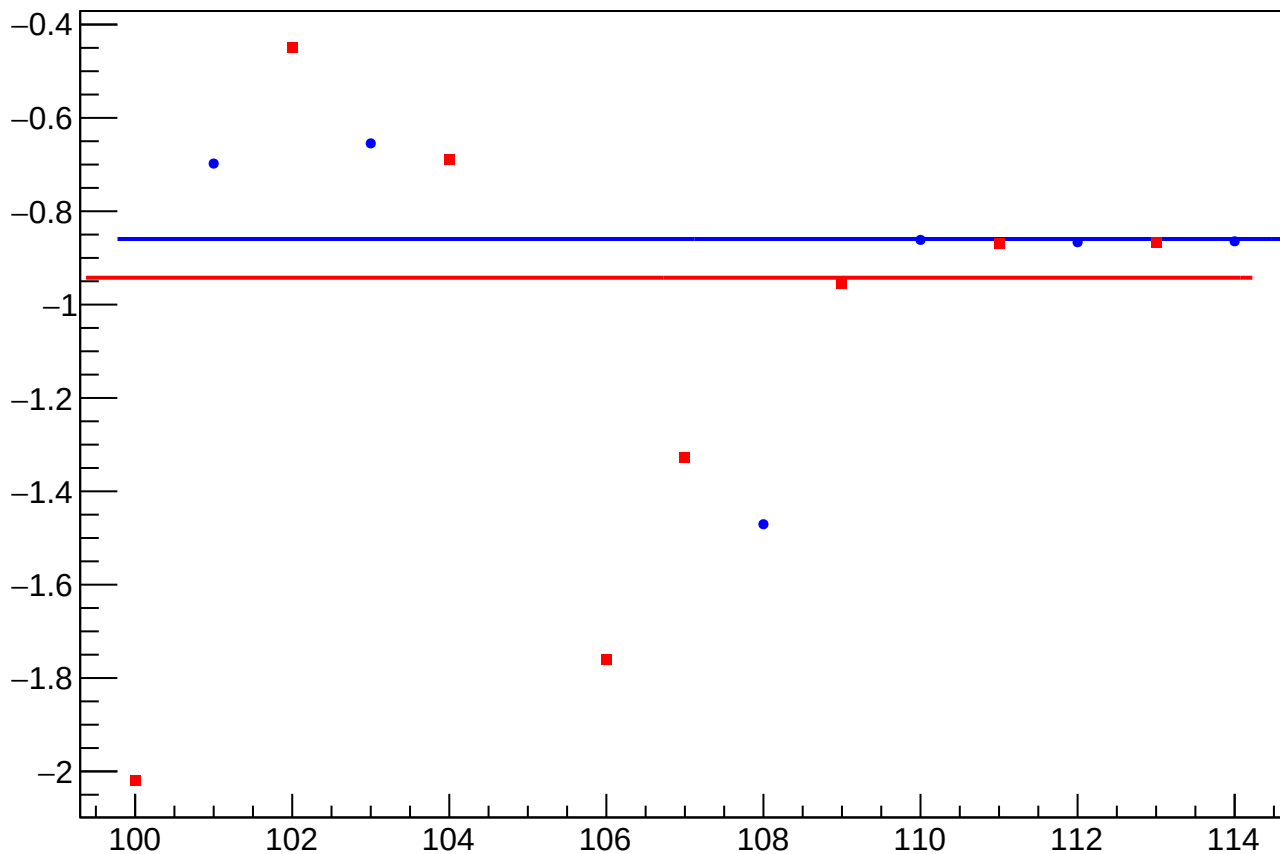
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 1454686.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm12X_mean vs Slug



Right In: -0.859+/-0.000 χ^2/NDF : 89919006.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.942+/-0.000 χ^2/NDF : 223778595.3/7

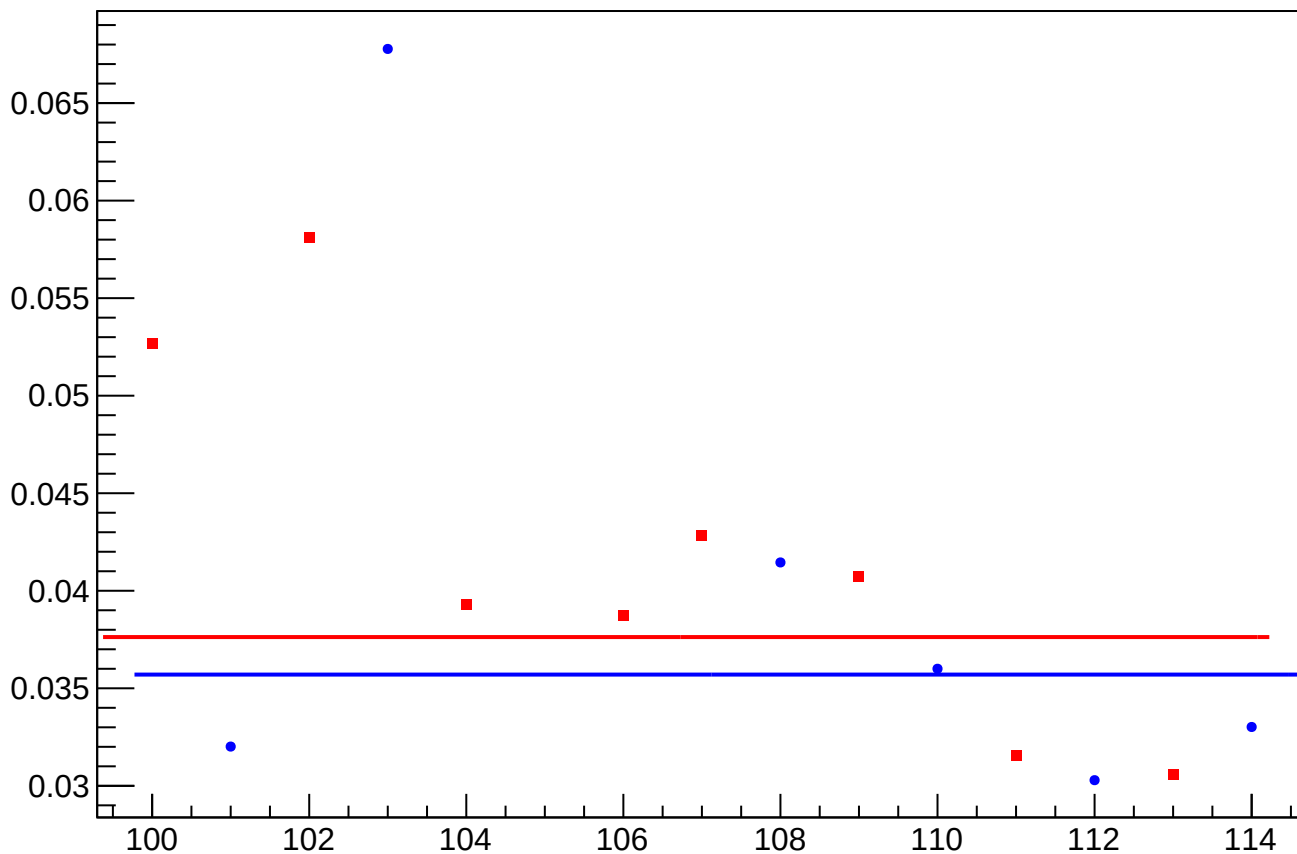
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.903+/-0.000 χ^2/NDF : 319865144.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.036 $\pm$ 0.000 χ^2 /NDF: 306296.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.000 χ^2 /NDF: 236877.6/7

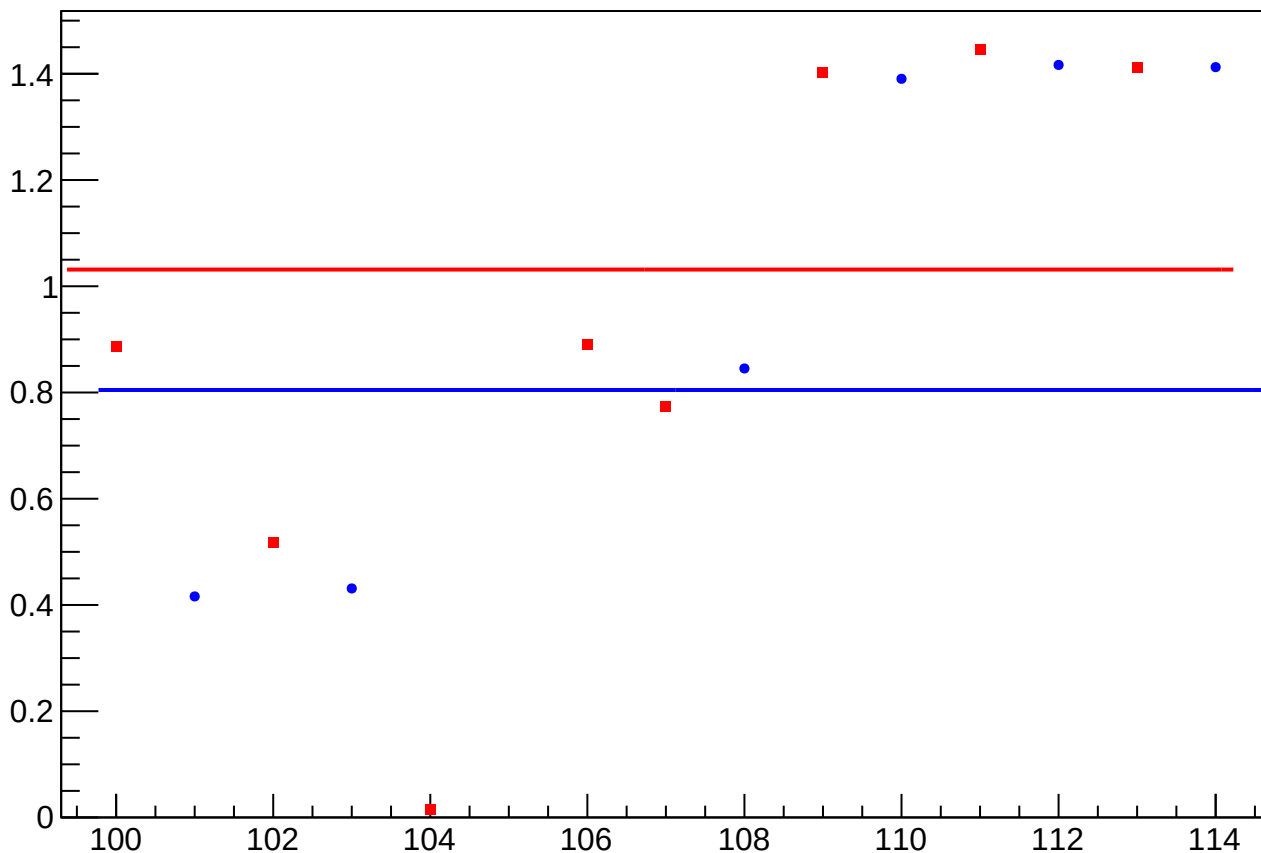
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.000 χ^2 /NDF: 549803.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm12Y_mean vs Slug



Right In: 0.805+/-0.000 χ^2/NDF : 2846823657.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.031+/-0.000 χ^2/NDF : 6754413226.9/7

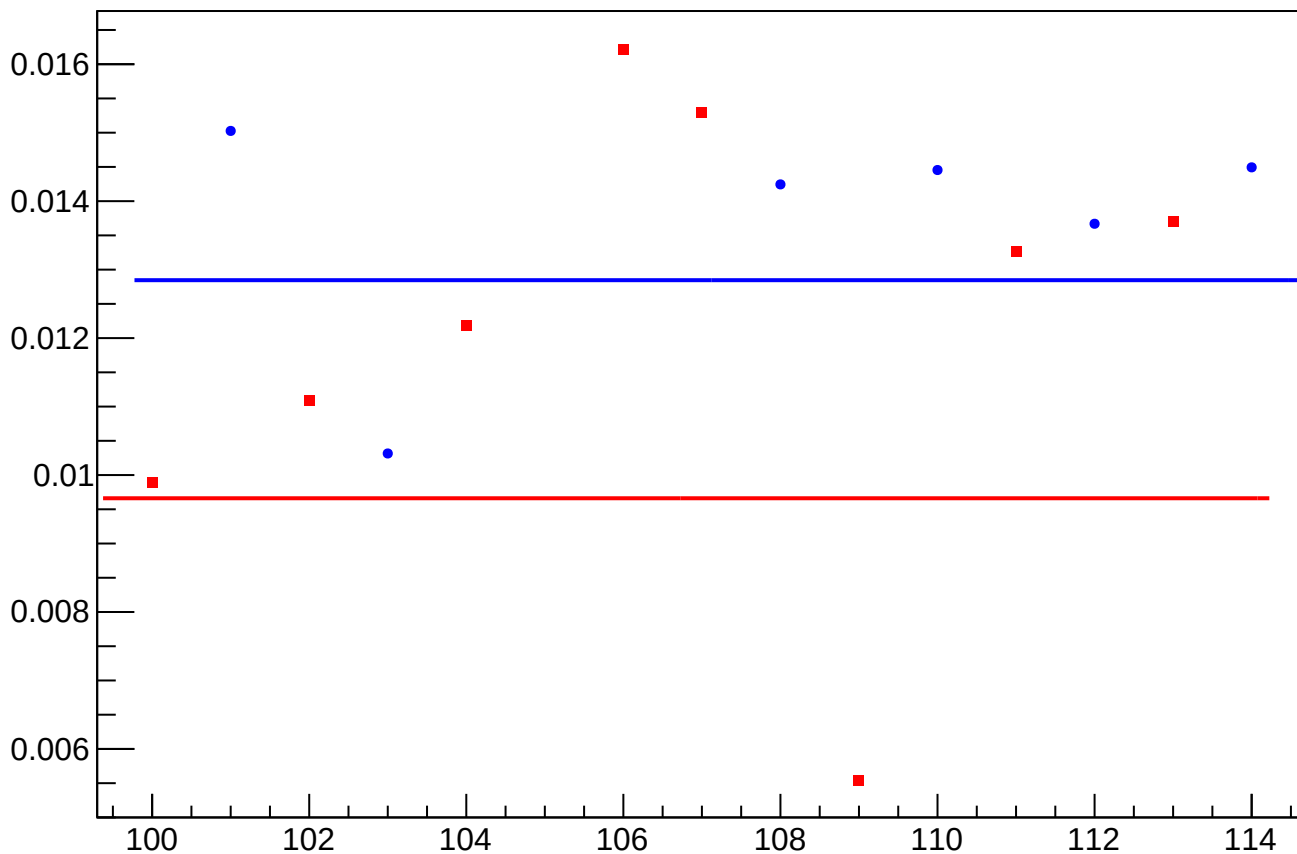
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.953+/-0.000 χ^2/NDF : 10063744719.4/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 110711.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 700876.0/7

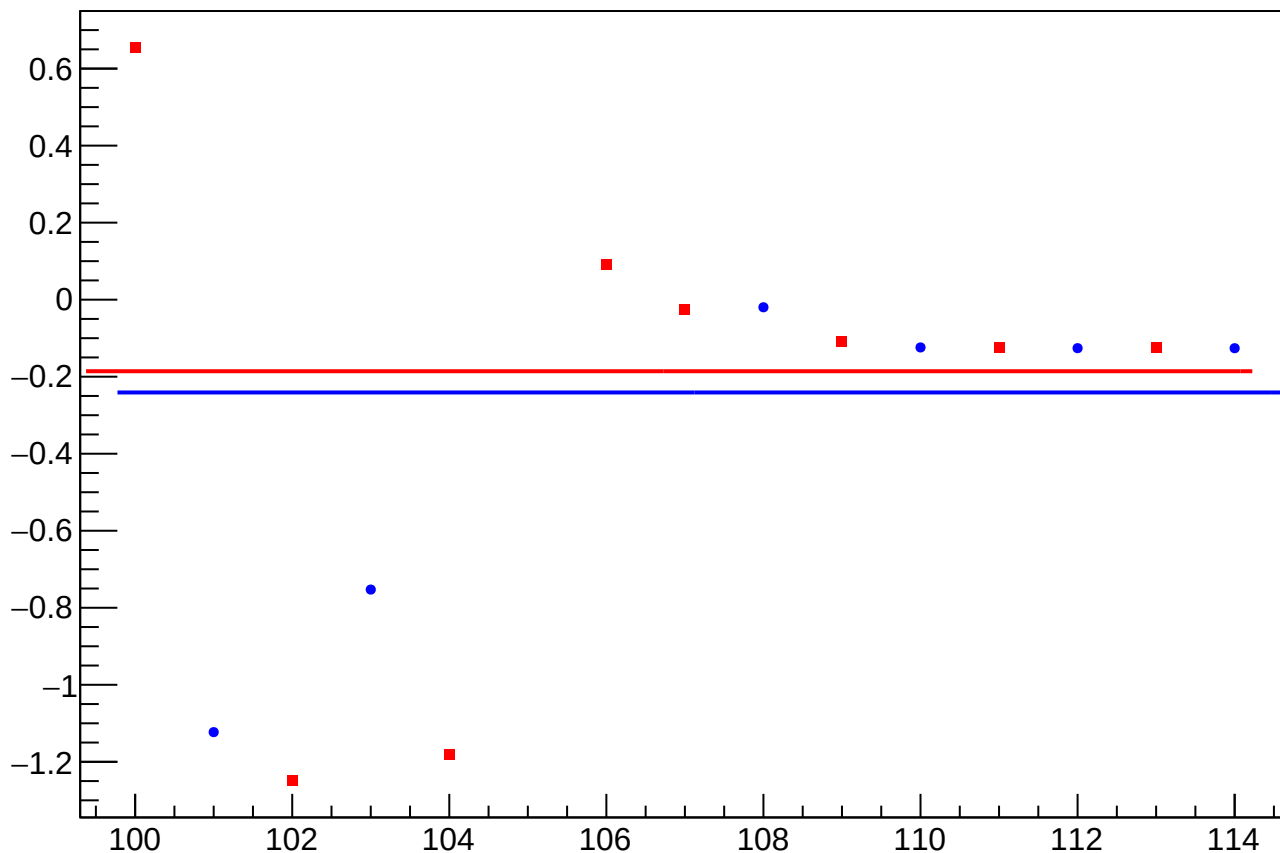
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 994103.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.241+/-0.000 χ^2/NDF : 534670141.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.186+/-0.000 χ^2/NDF : 496592163.3/7

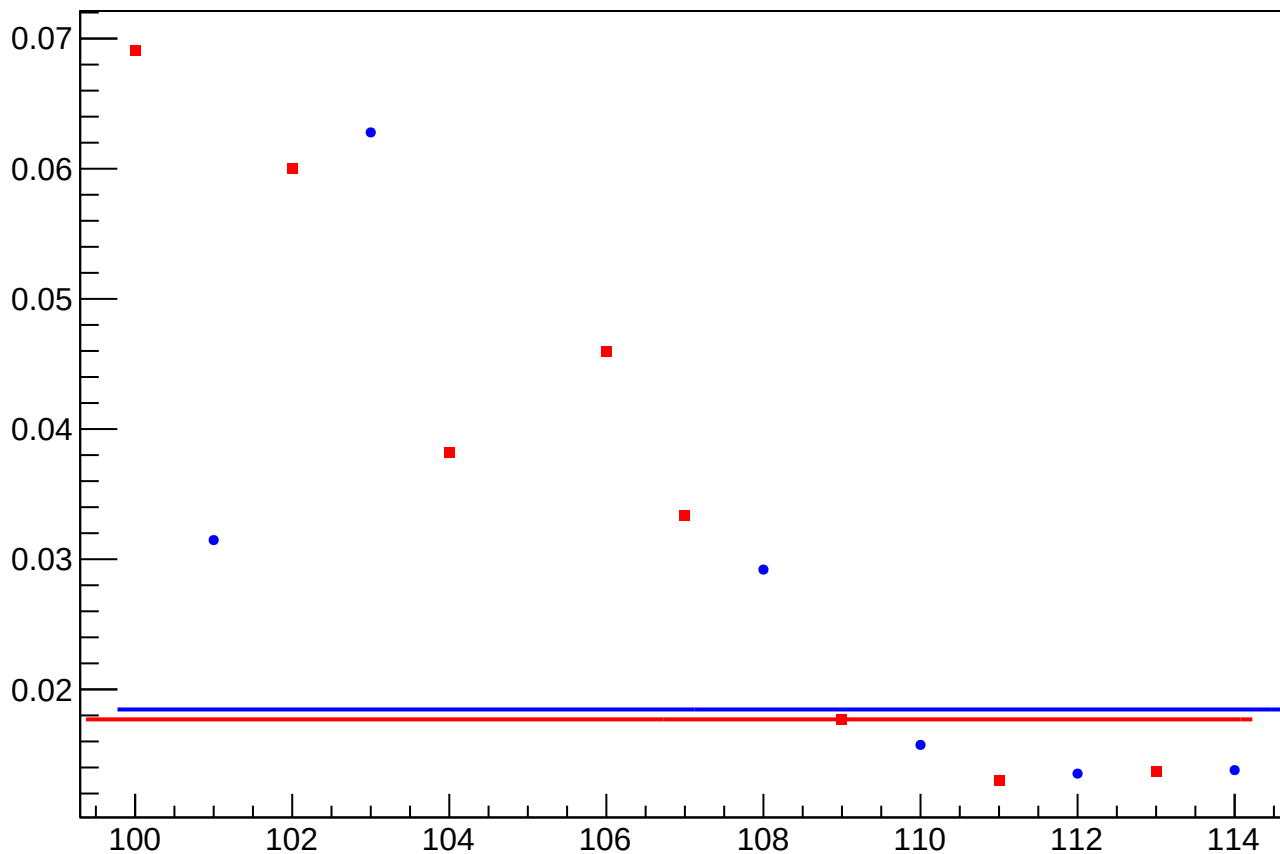
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.210+/-0.000 χ^2/NDF : 1039929526.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 964983.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 1301392.2/7

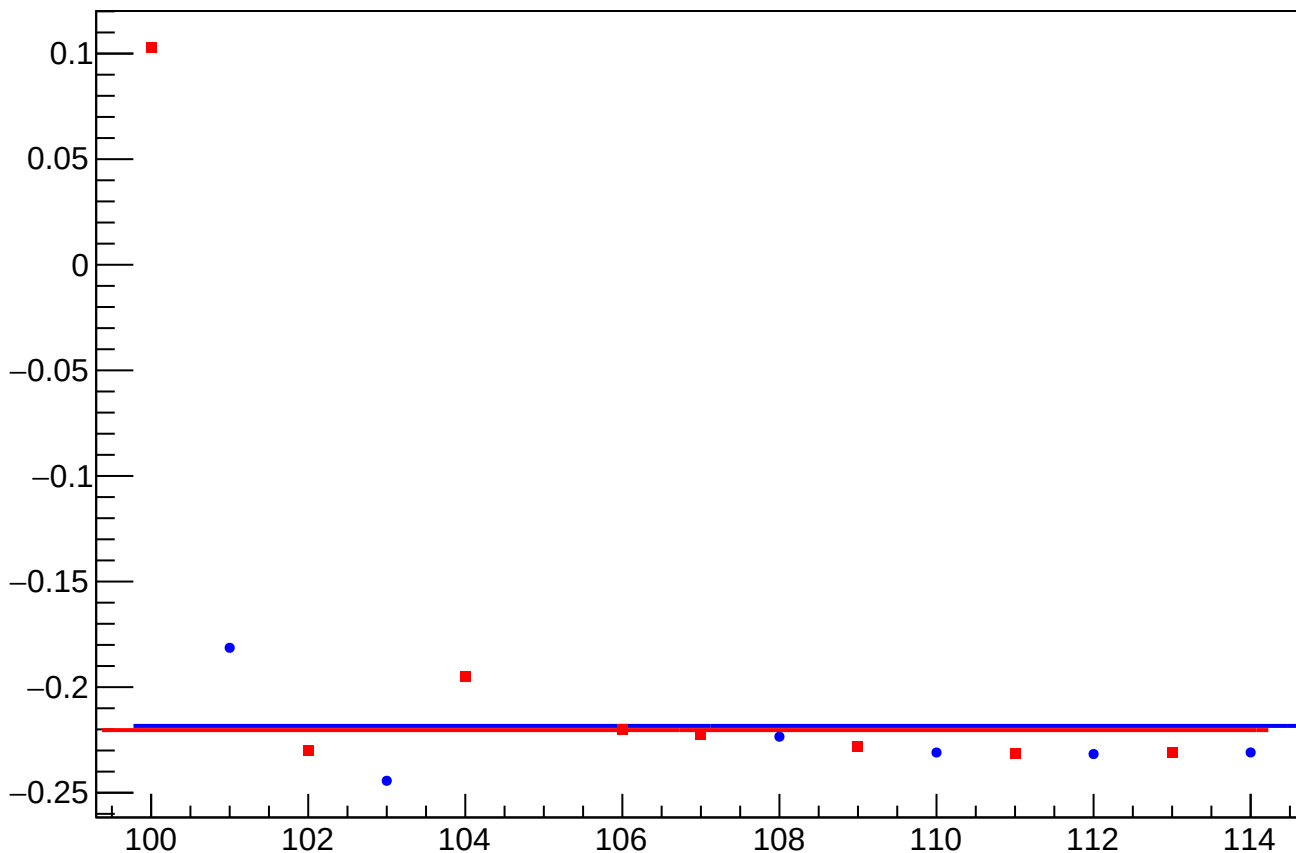
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 2269664.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_mean vs Slug



Right In: -0.218+/-0.000 χ^2/NDF : 48438516.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.220+/-0.000 χ^2/NDF : 155640899.6/7

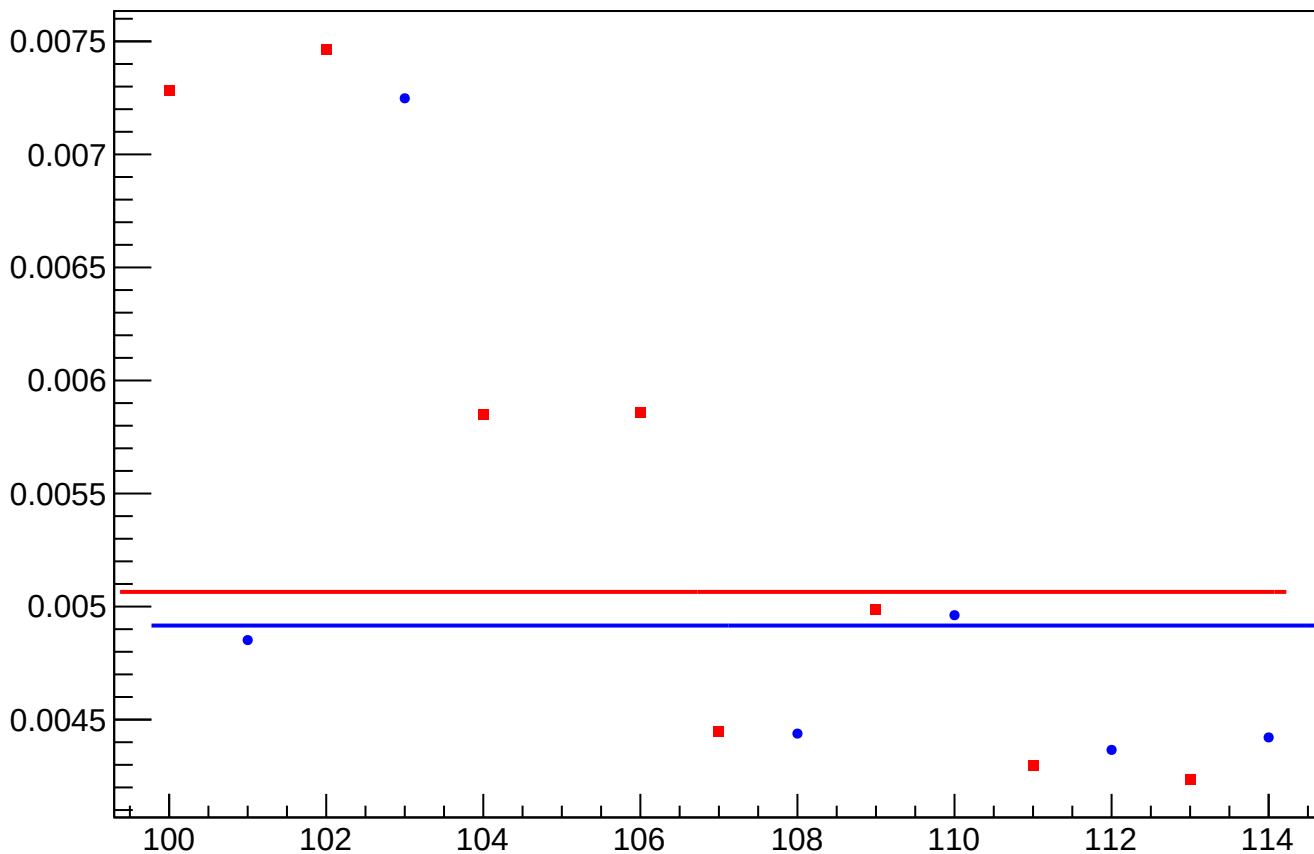
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.219+/-0.000 χ^2/NDF : 204281536.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 141302.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 231625.2/7

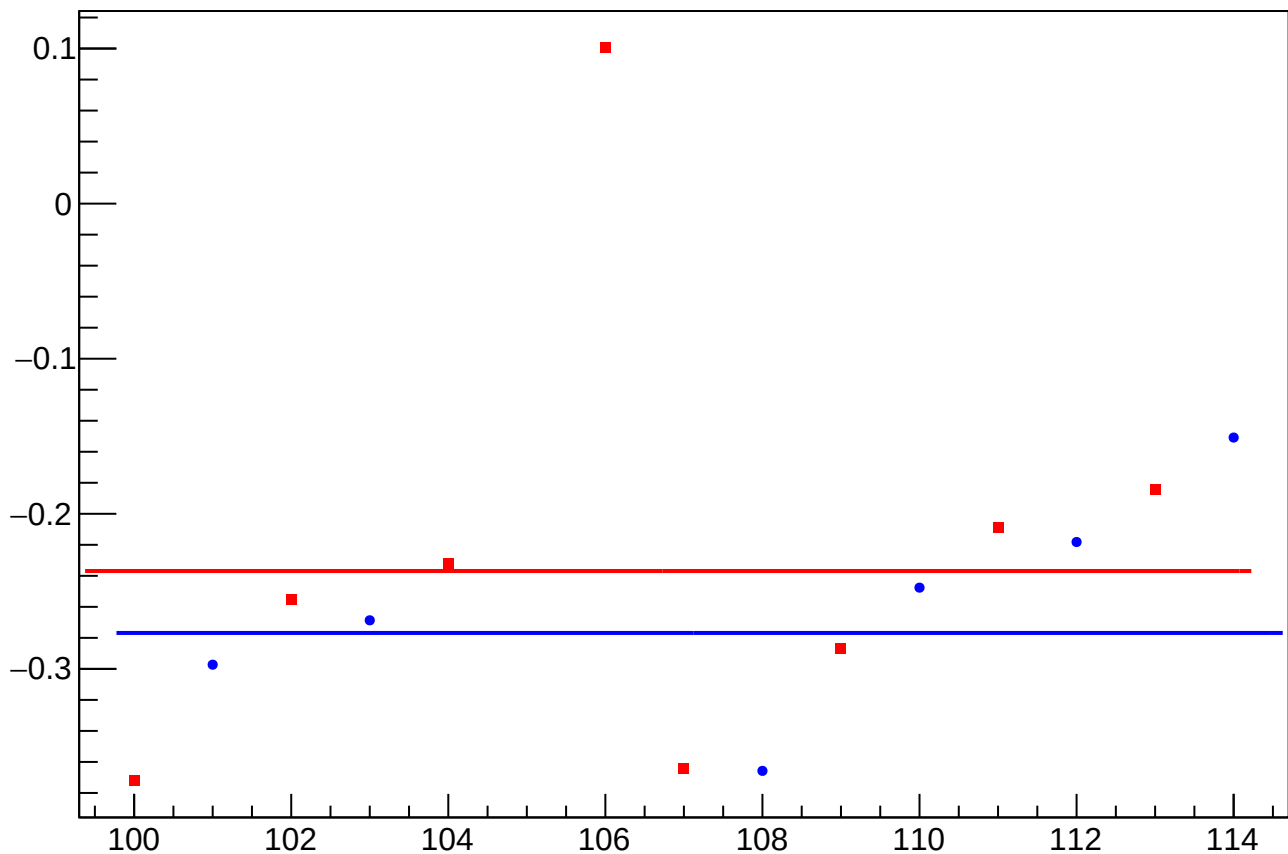
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 375178.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



Right In: -0.277+/-0.000 χ^2/NDF : 168550097.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.237+/-0.000 χ^2/NDF : 557192129.0/7

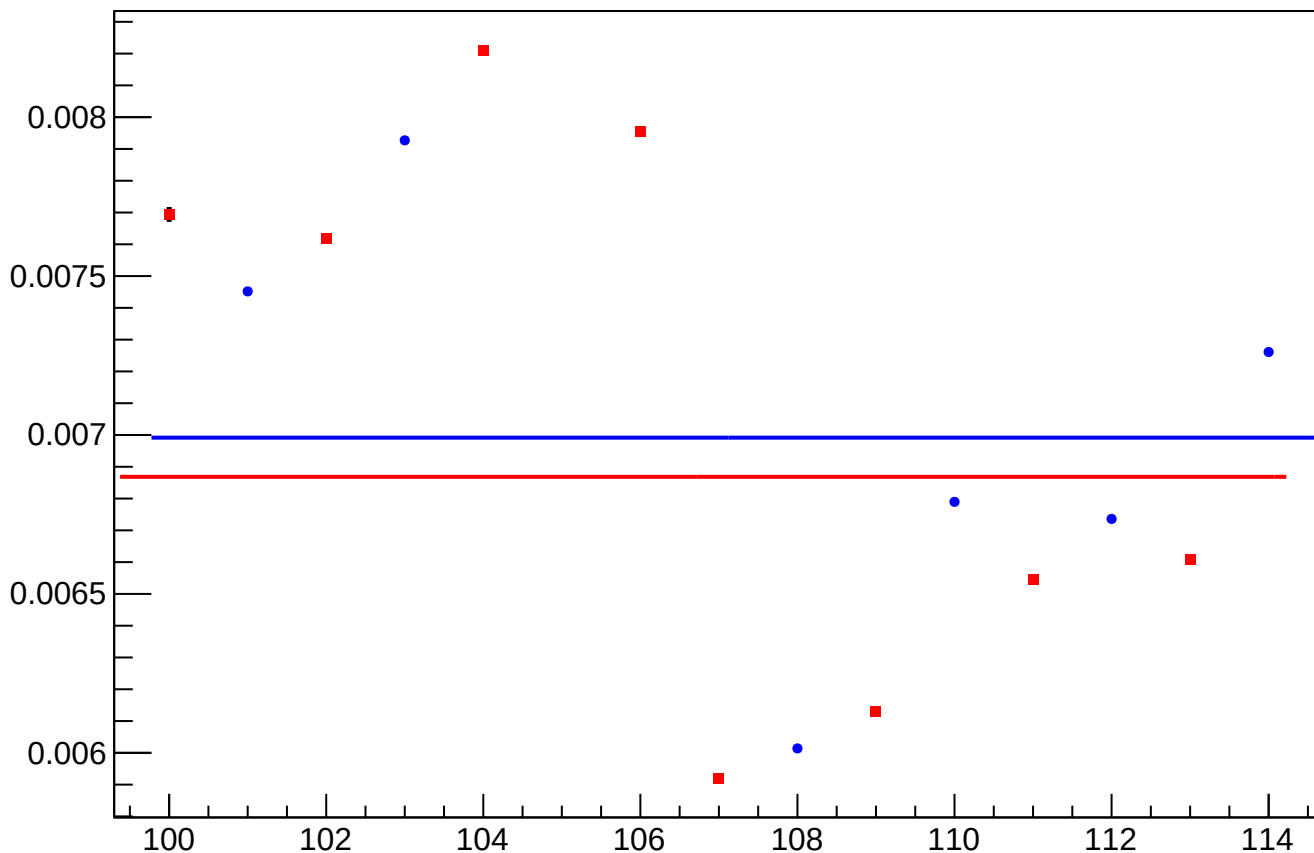
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.255+/-0.000 χ^2/NDF : 772010268.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 44536.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 79548.2/7

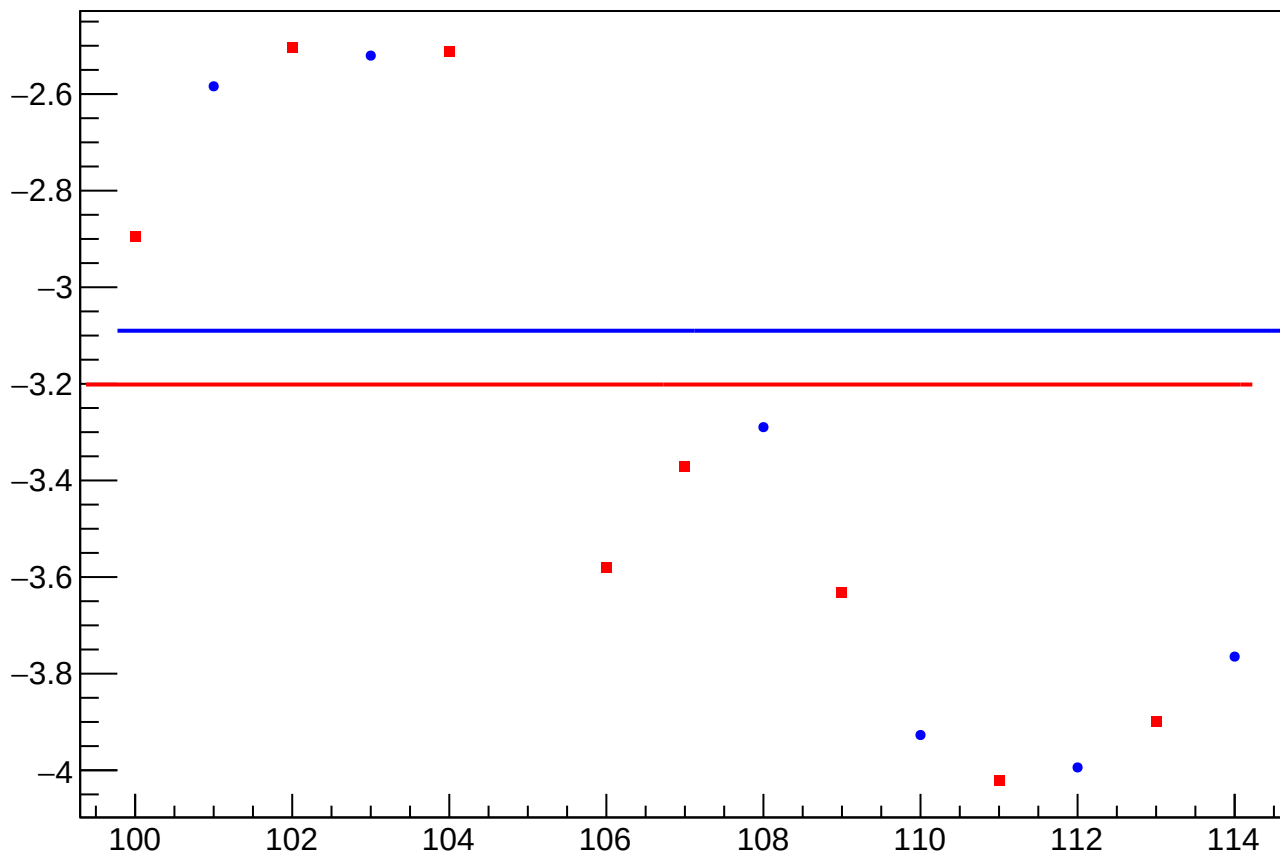
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 124965.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02Y_mean vs Slug



Right In: -3.090+/-0.000 χ^2/NDF : 17479745052.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.201+/-0.000 χ^2/NDF : 20036557255.9/7

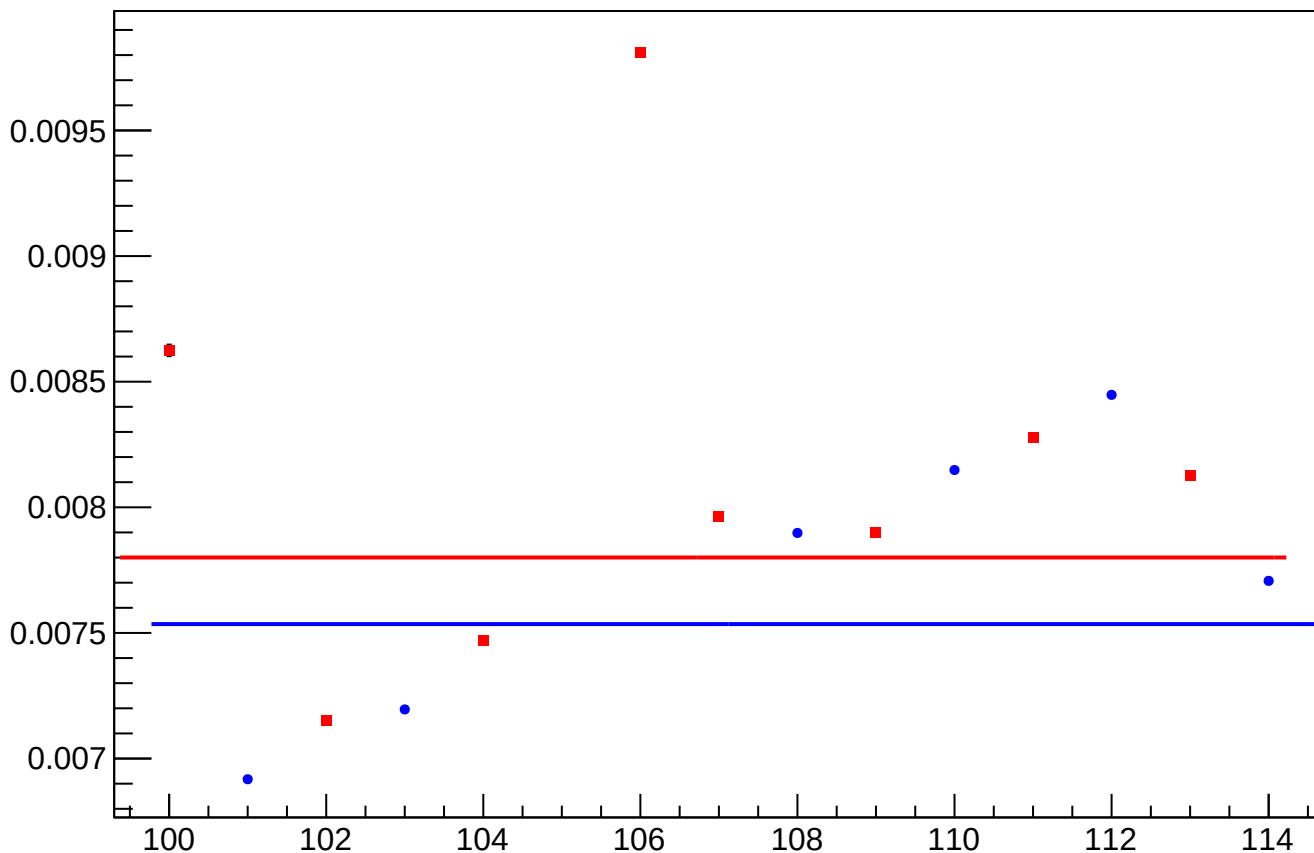
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.149+/-0.000 χ^2/NDF : 37808093723.7/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_rms vs Slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 29780.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 31827.2/7

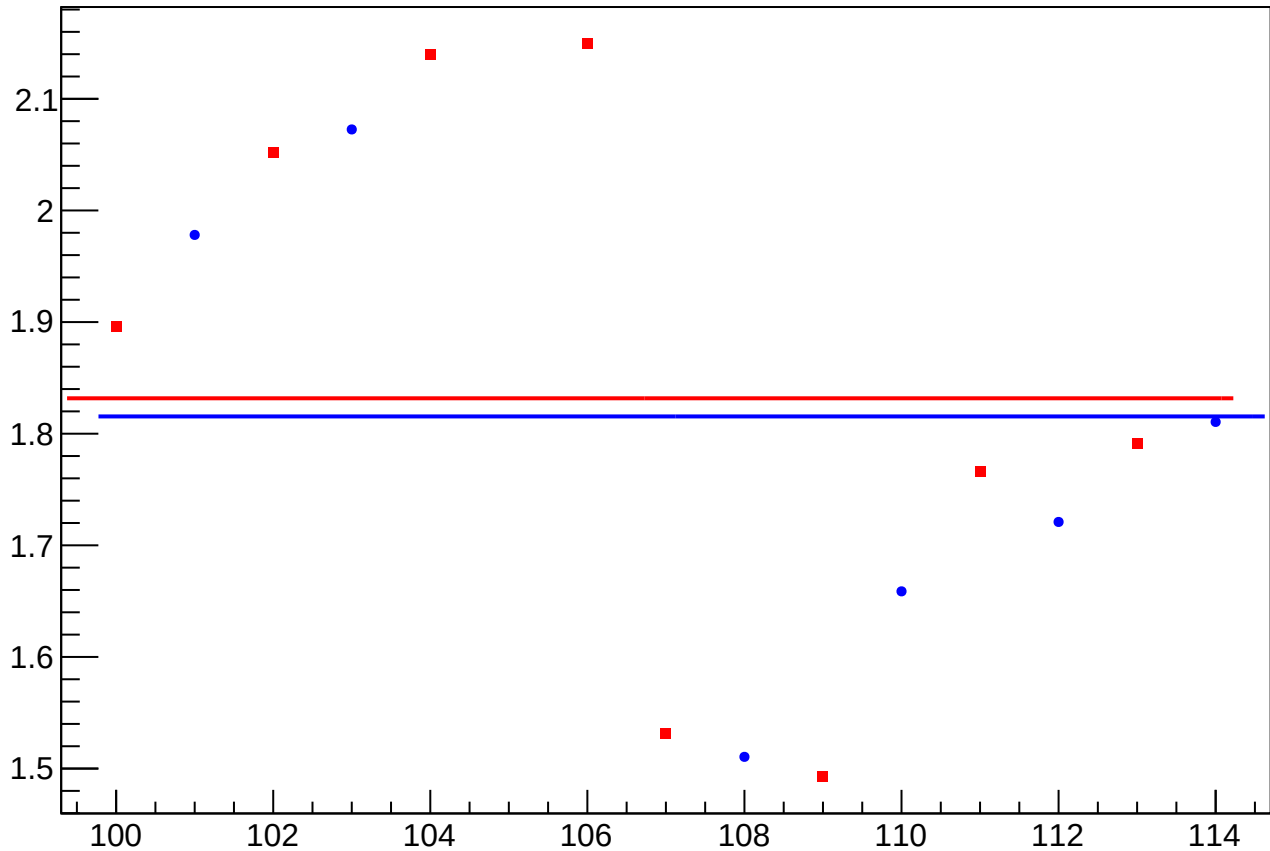
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.000 χ^2 /NDF: 64915.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.815 $\pm$ 0.000 χ^2 /NDF: 673152611.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.832 $\pm$ 0.000 χ^2 /NDF: 1142479048.4/7

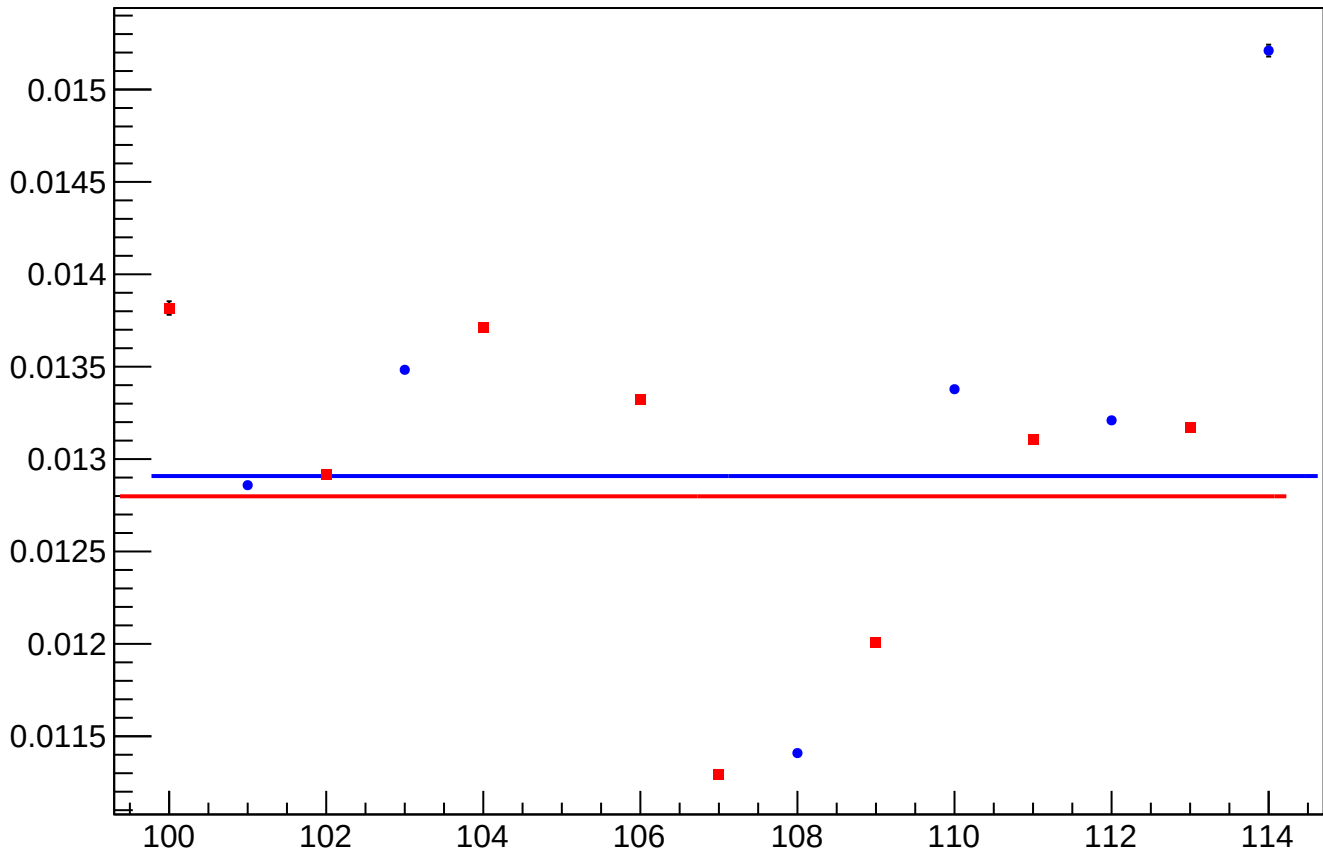
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.824 $\pm$ 0.000 χ^2 /NDF: 1817851598.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 22274.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 20196.9/7

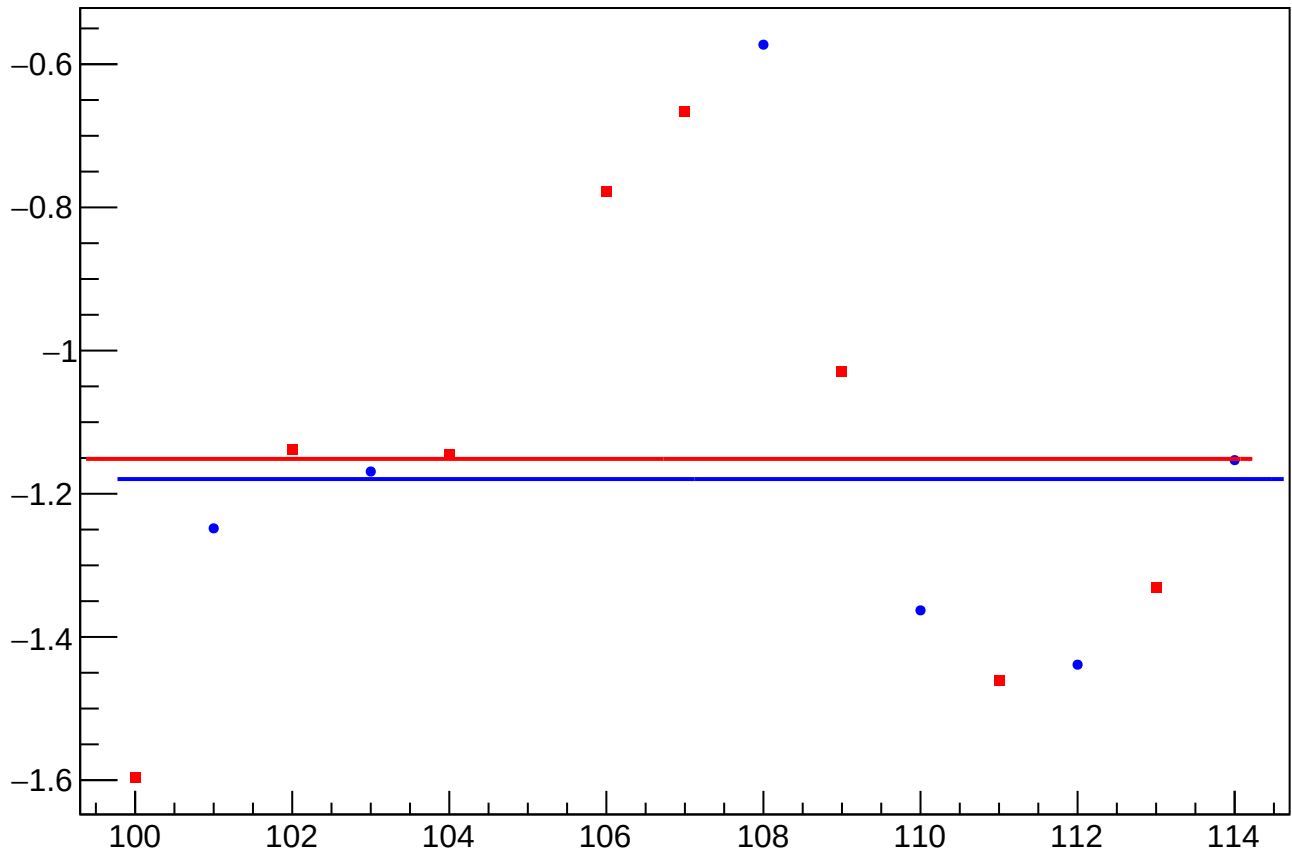
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 42673.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



Right In: -1.179+/-0.000 χ^2/NDF : 2106511741.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.151+/-0.000 χ^2/NDF : 1610686769.9/7

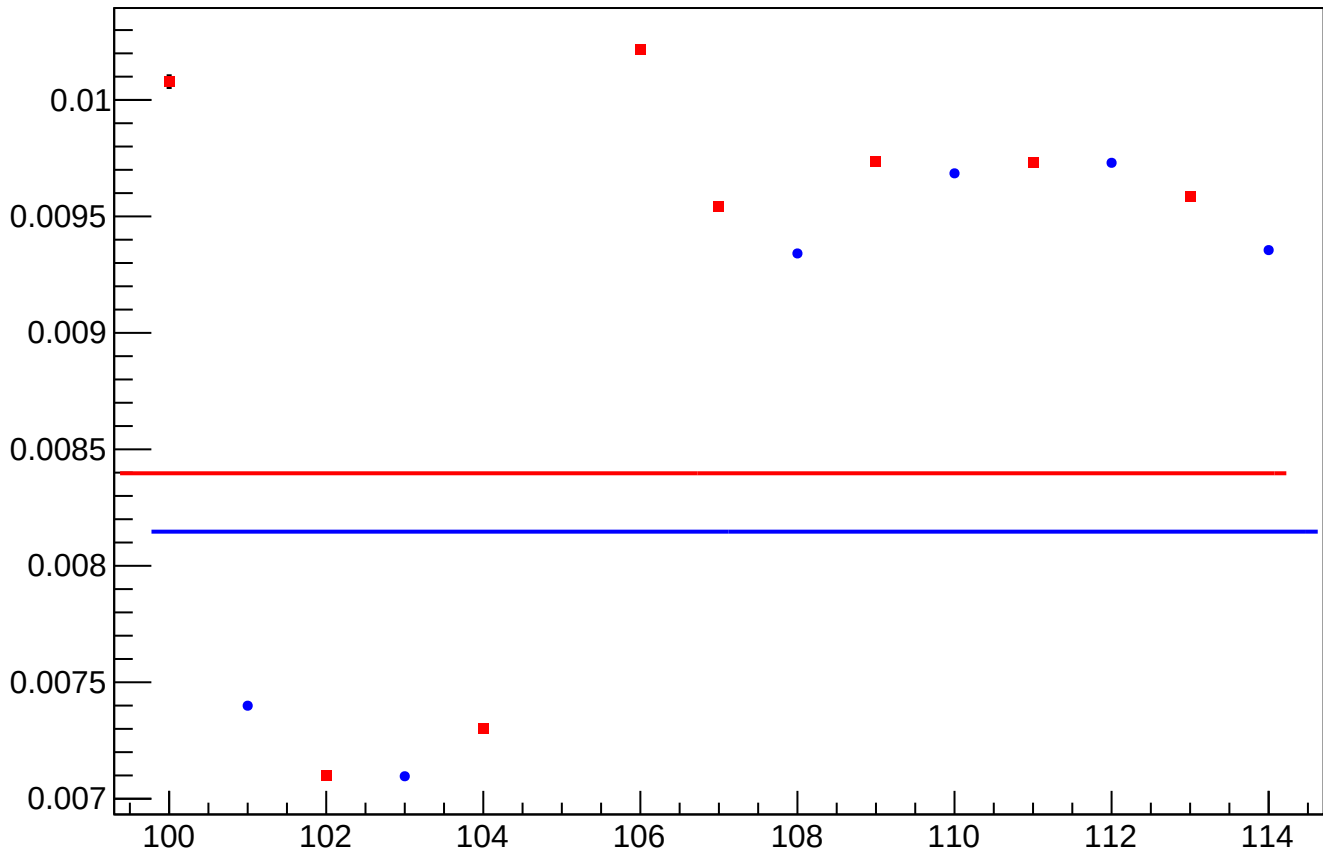
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.165+/-0.000 χ^2/NDF : 3732717556.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 96934.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 133160.4/7

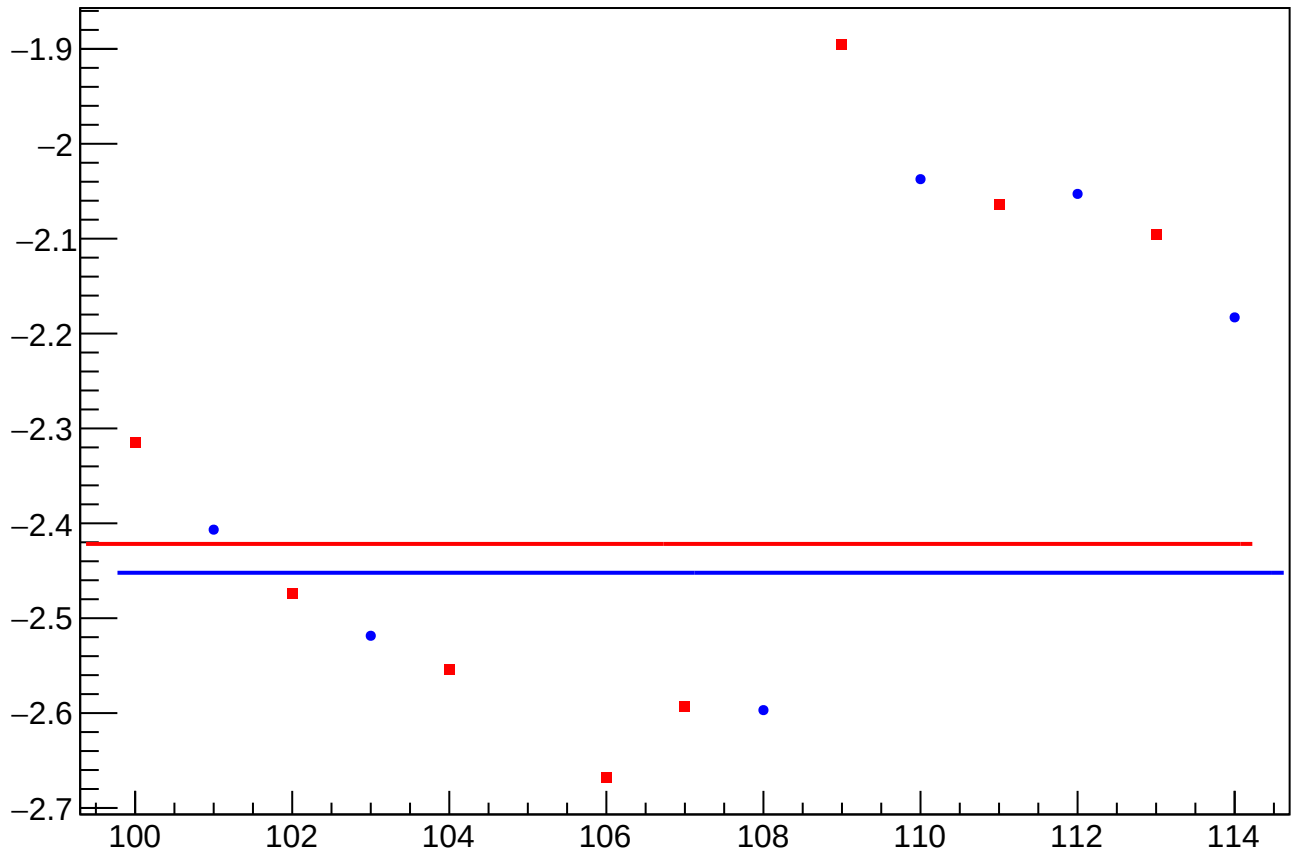
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 232550.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



Right In: -2.452+/-0.000 χ^2 /NDF: 842898295.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.422+/-0.000 χ^2 /NDF: 2887454172.3/7

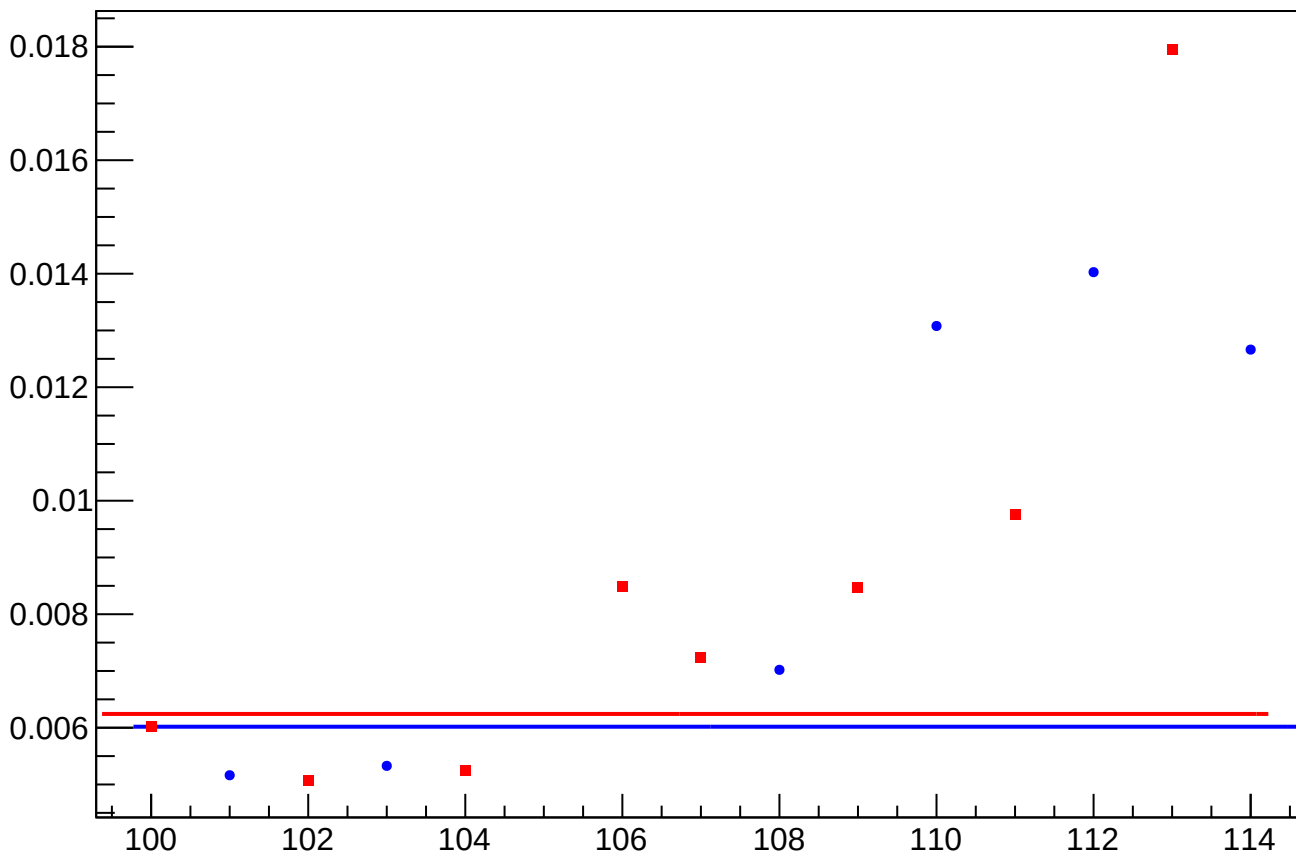
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.436+/-0.000 χ^2 /NDF: 3757480912.4/1

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 468944.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 532437.8/7

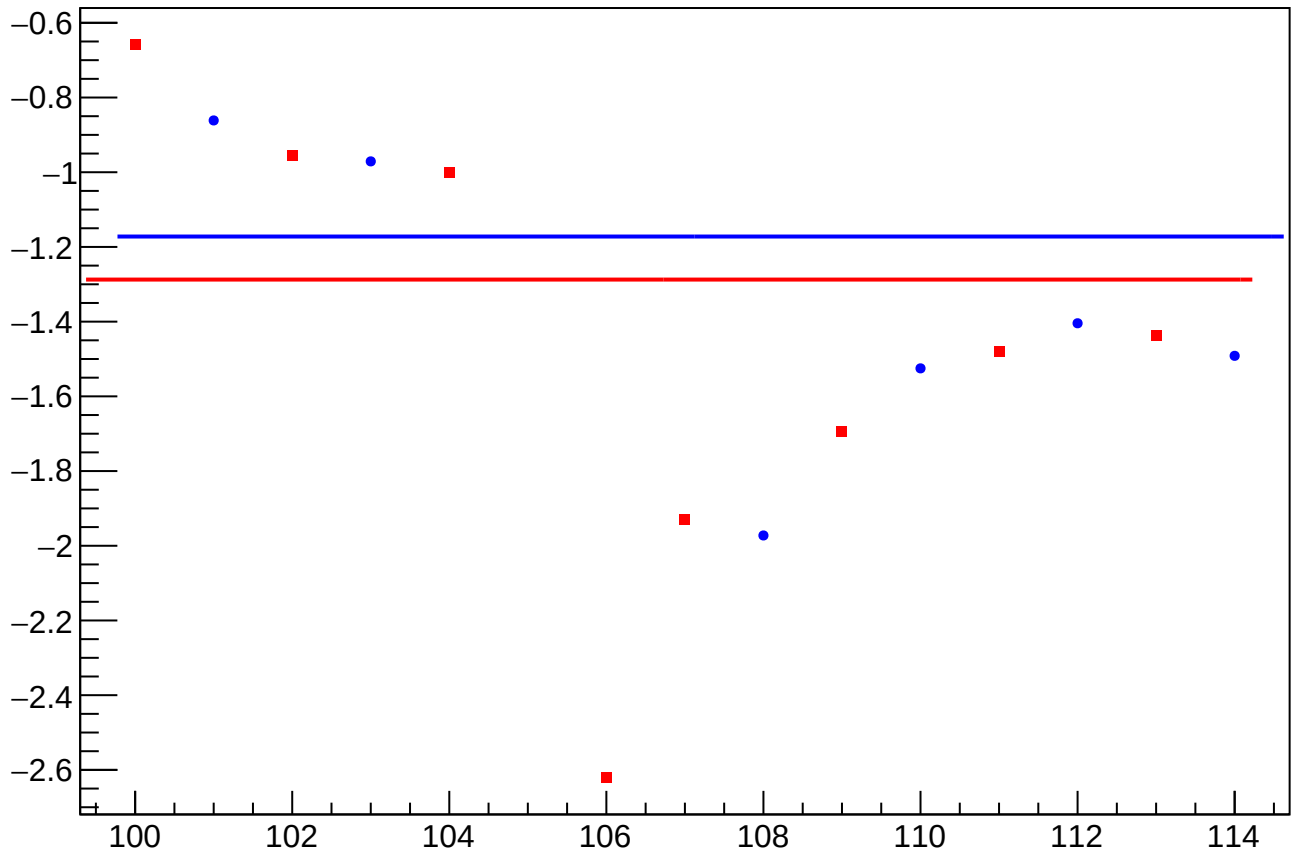
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1004352.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



Right In: -1.172+/-0.000 χ^2/NDF : 10435138199.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.287+/-0.000 χ^2/NDF : 16958389143.6/7

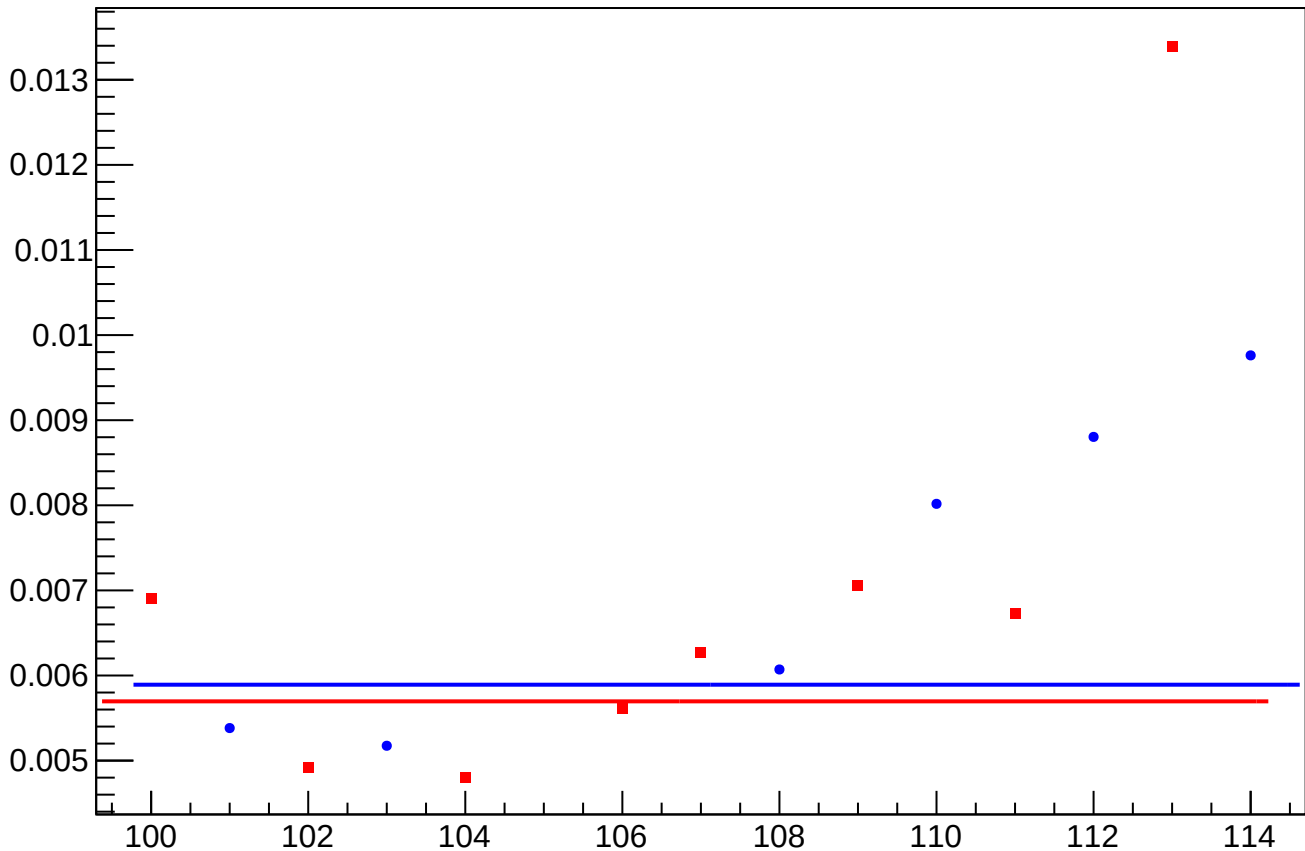
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.236+/-0.000 χ^2/NDF : 27854214826.2/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 171312.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 298260.9/7

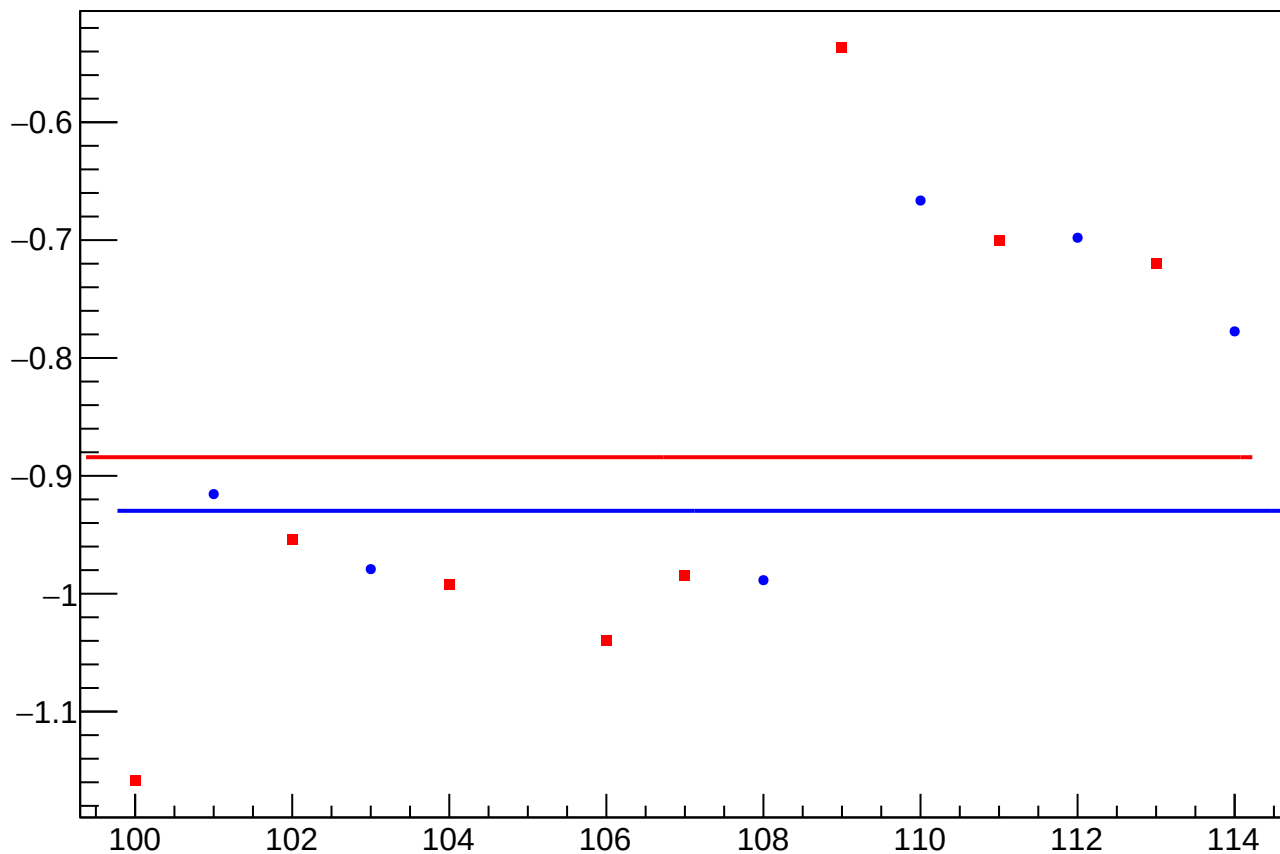
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 472230.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



Right In: -0.930+/-0.000 χ^2/NDF : 624342758.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.884+/-0.000 χ^2/NDF : 3239955807.4/7

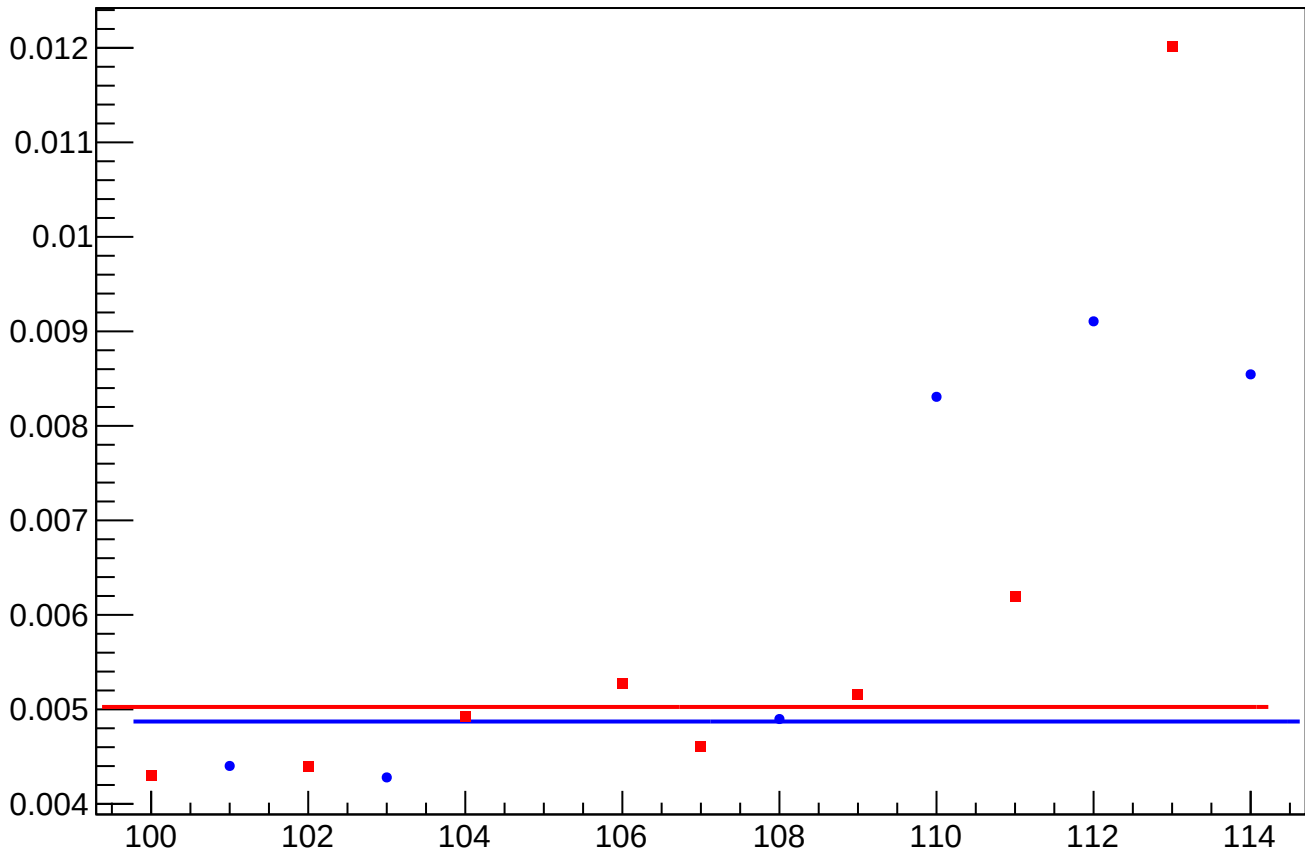
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.905+/-0.000 χ^2/NDF : 3962635140.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 295050.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 264273.7/7

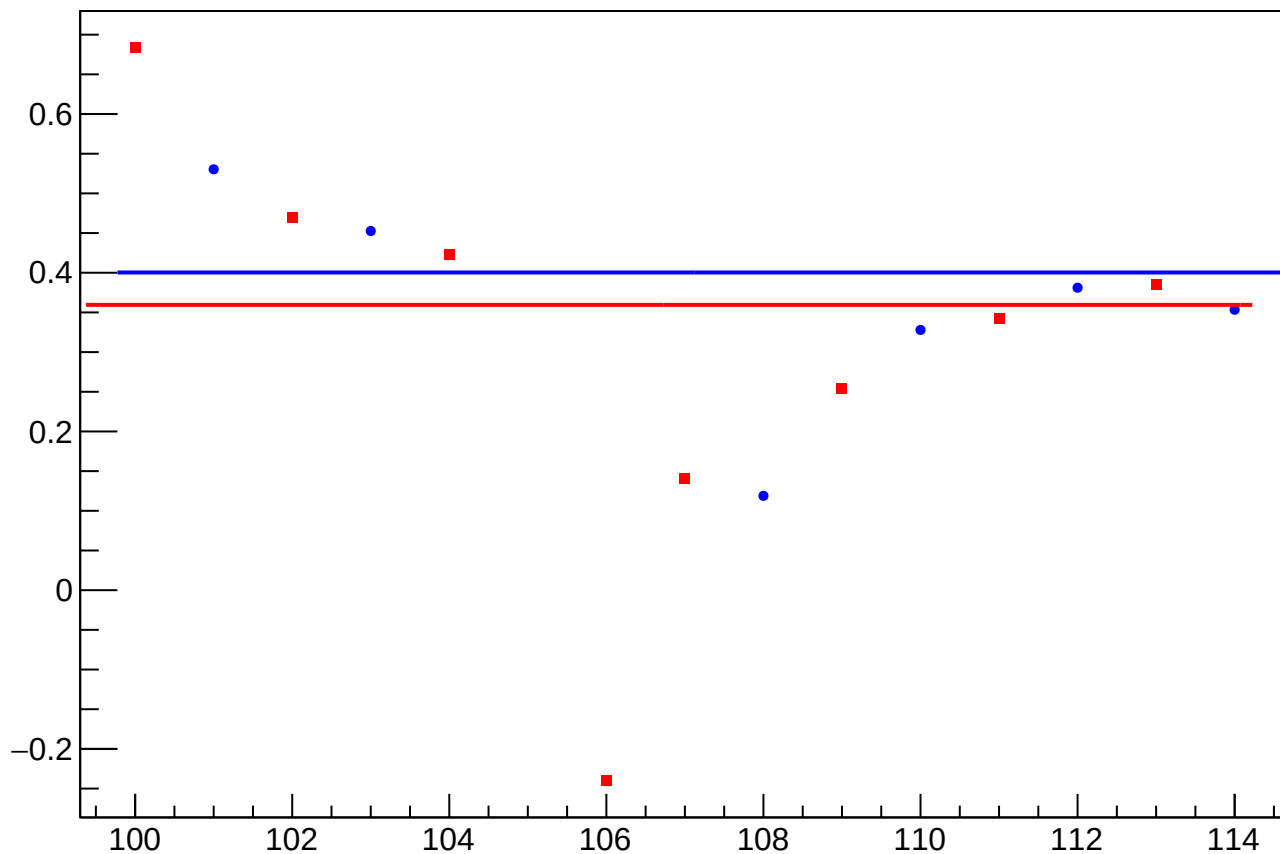
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 561584.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.400 $\pm$ 0.000 χ^2 /NDF: 3058102167.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.360 $\pm$ 0.000 χ^2 /NDF: 4683998557.8/7

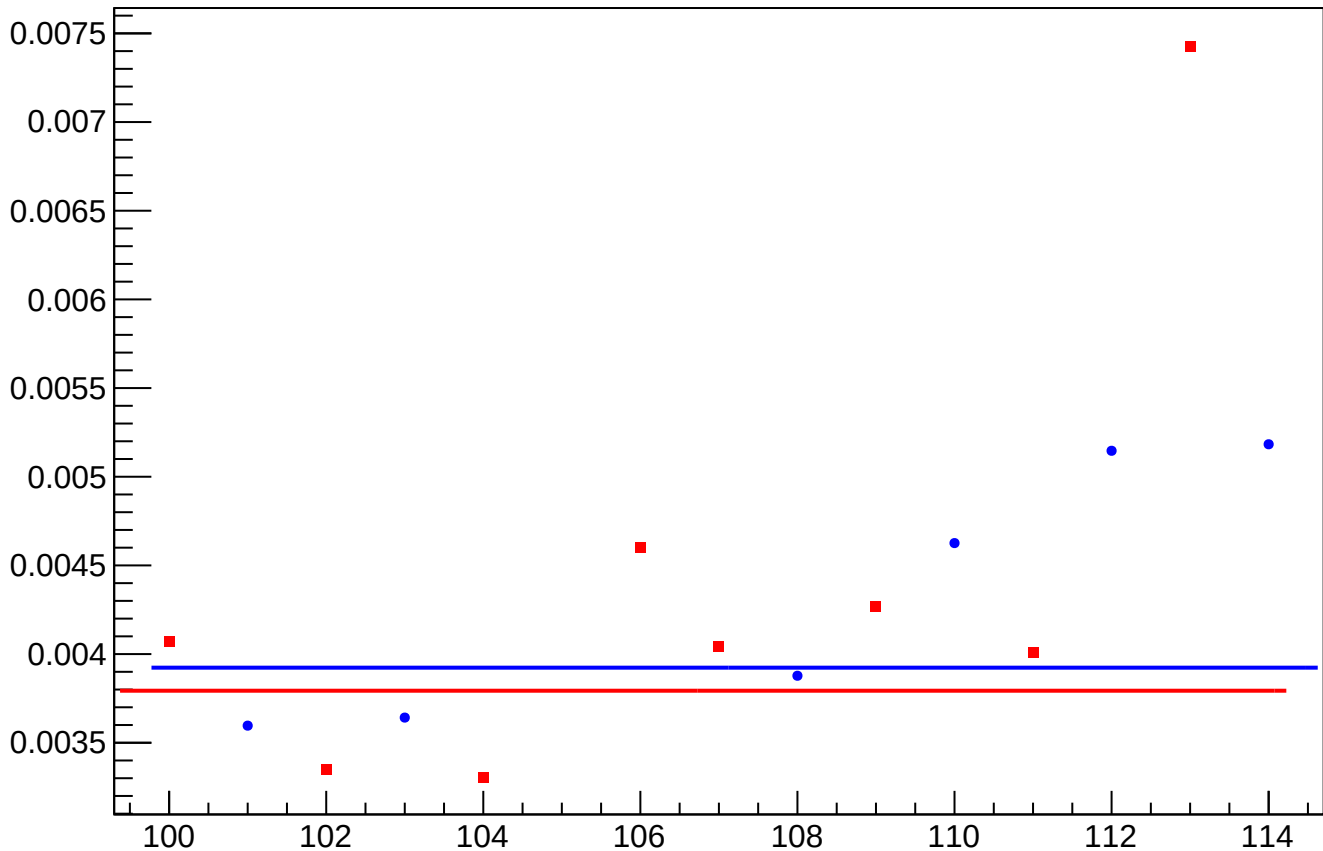
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.378 $\pm$ 0.000 χ^2 /NDF: 7877448461.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 79806.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 200121.0/7

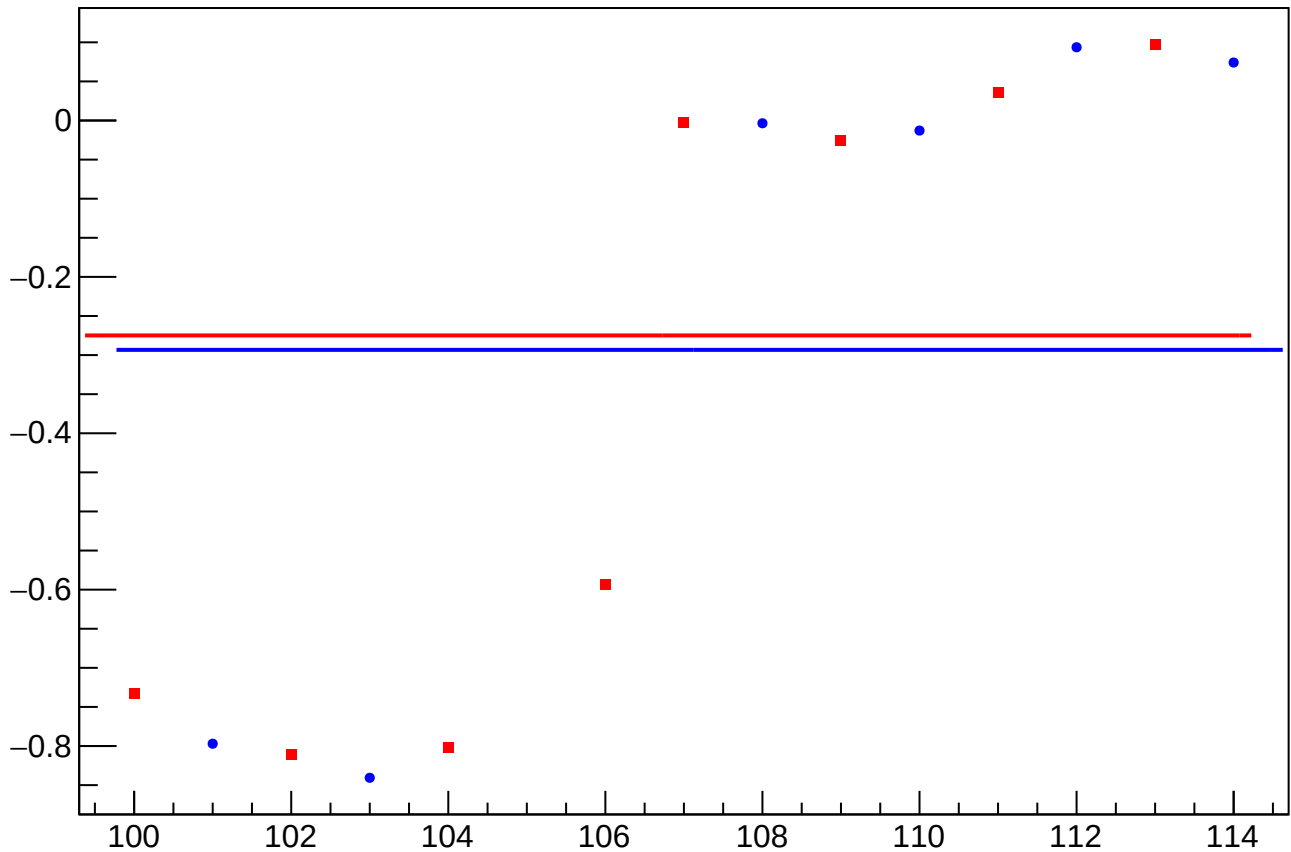
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 282678.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02X_mean vs Slug



Right In: -0.293+/-0.000 χ^2/NDF : 3870206271.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

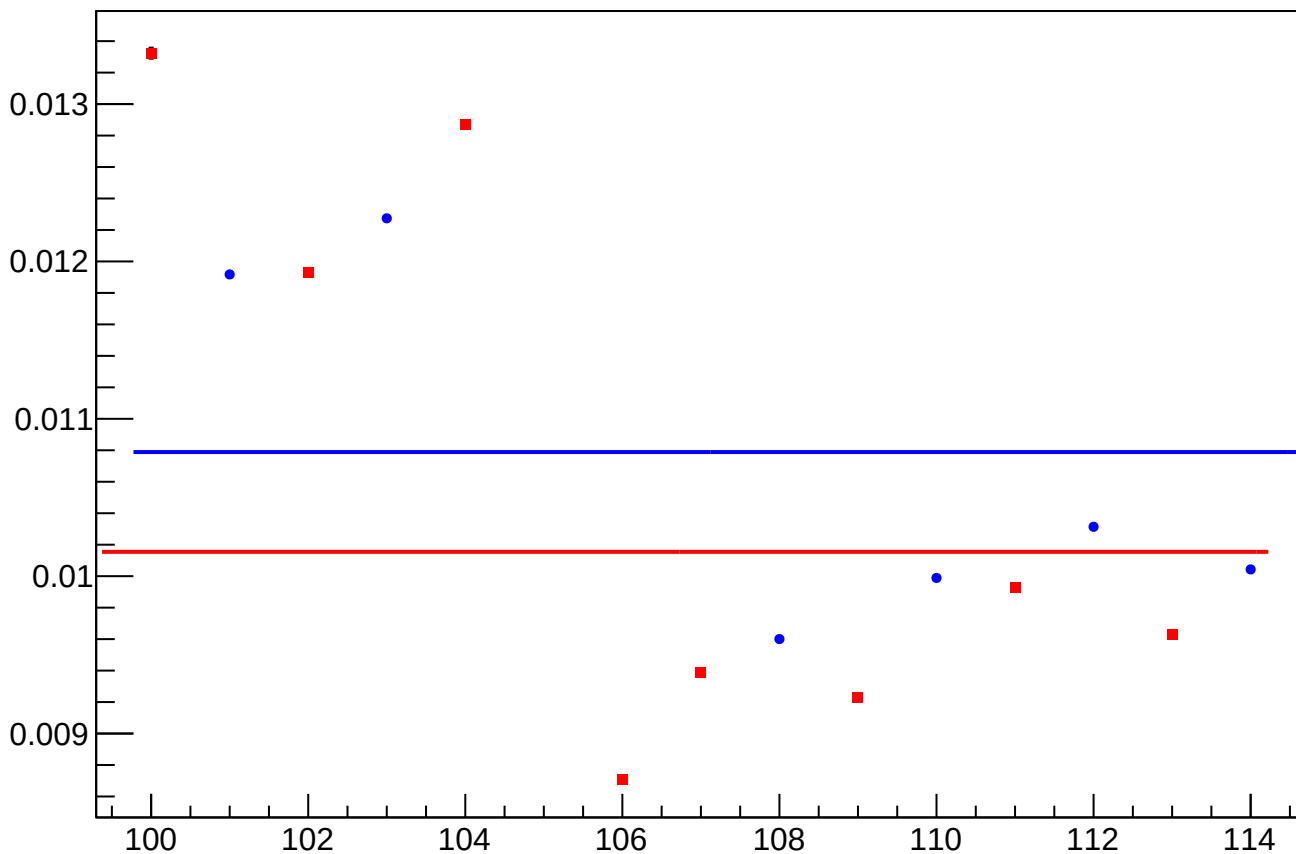
Right Out: -0.275+/-0.000 χ^2/NDF : 4433436930.7/7

All: -0.283+/-0.000 χ^2/NDF : 8308068661.1/11

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 49583.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 118006.4/7

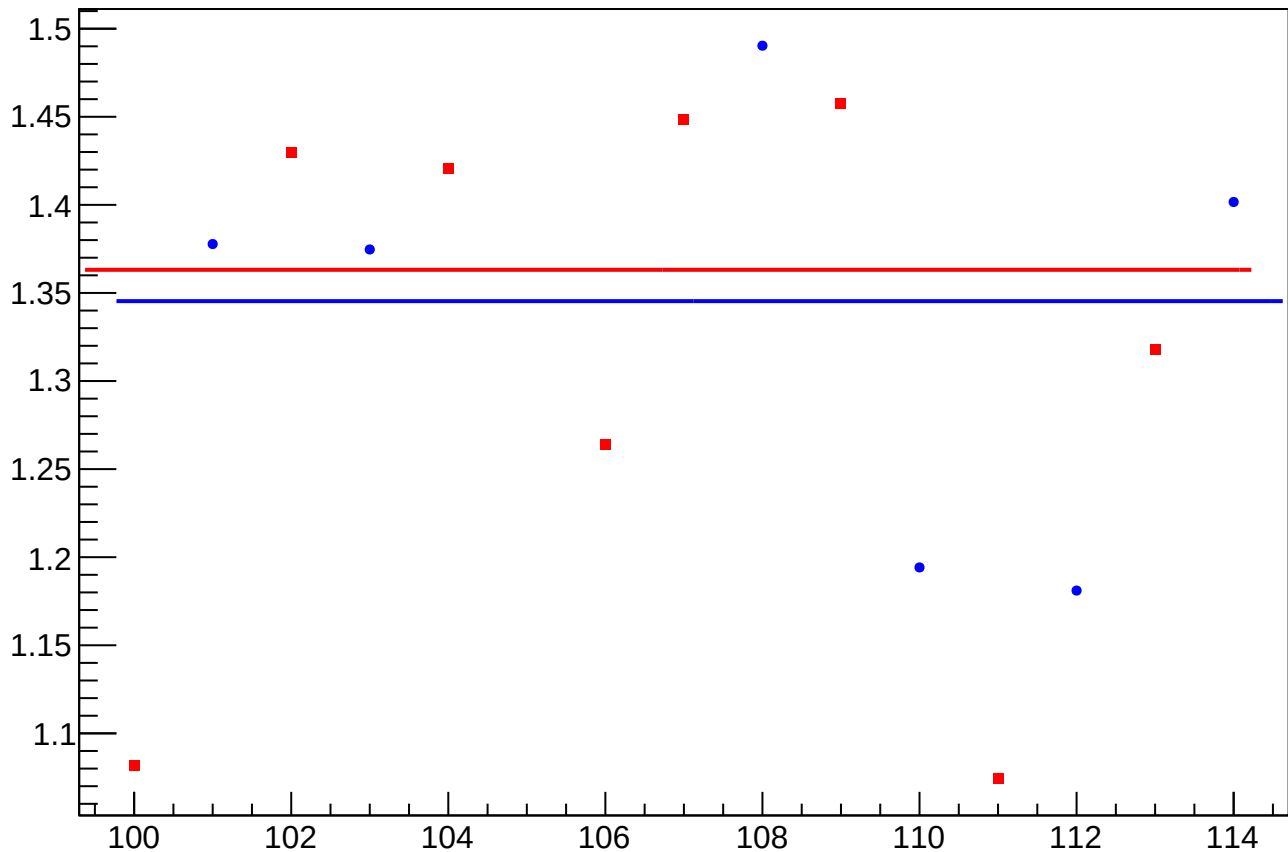
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 178060.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs Slug



Right In: 1.345+/-0.000 χ^2/NDF : 553099646.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.363+/-0.000 χ^2/NDF : 1019173190.9/7

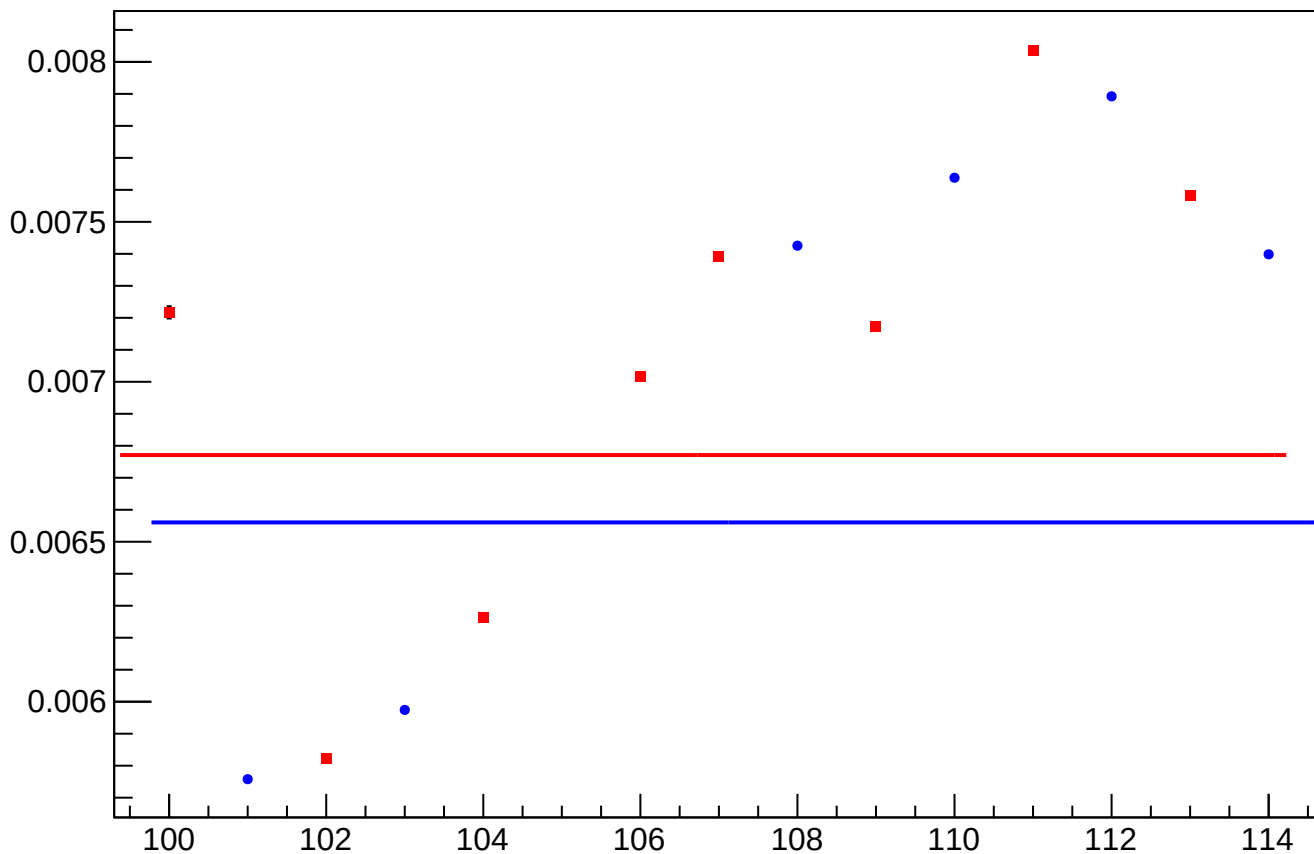
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.355+/-0.000 χ^2/NDF : 1582472590.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 93378.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 81852.7/7

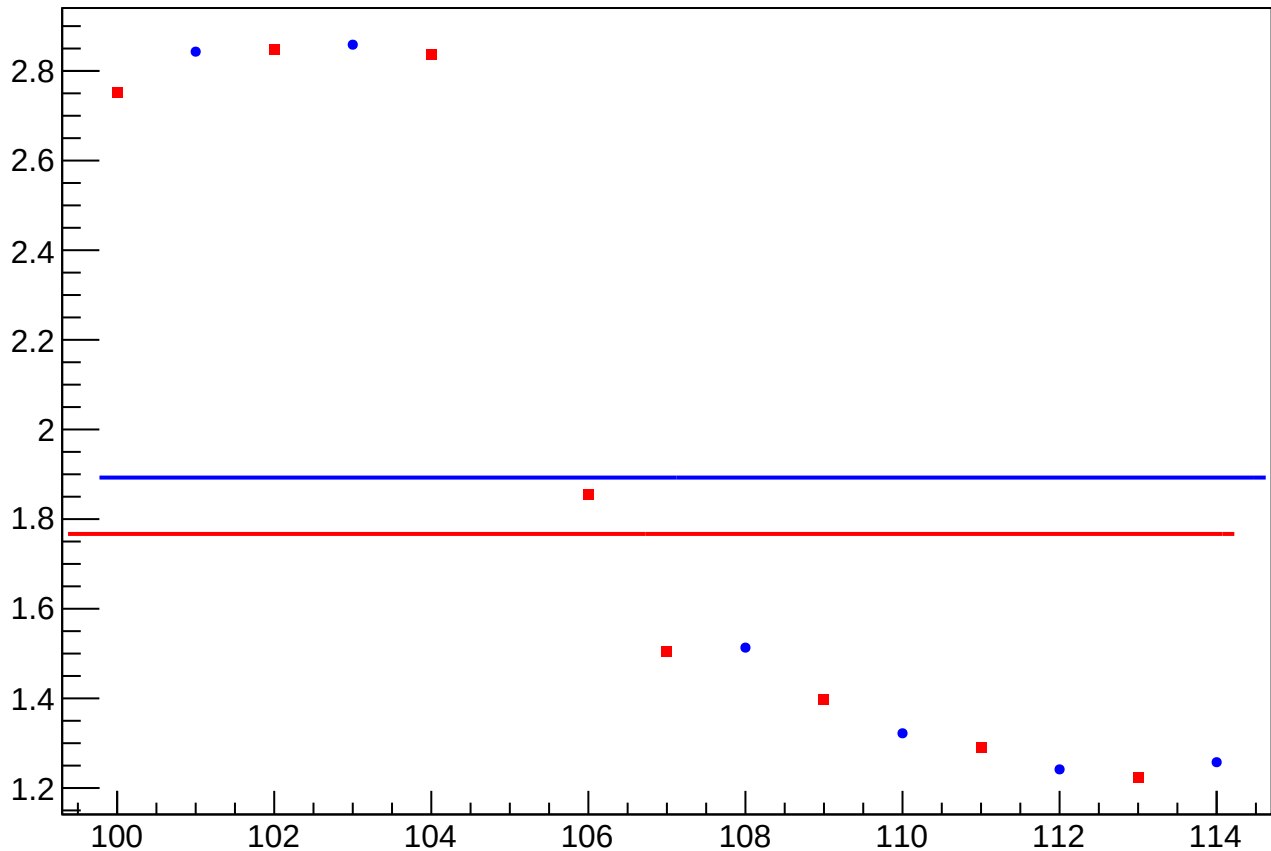
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 178094.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 1.893+/-0.000 χ^2/NDF : 28106505644.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.767+/-0.000 χ^2/NDF : 29306371897.8/7

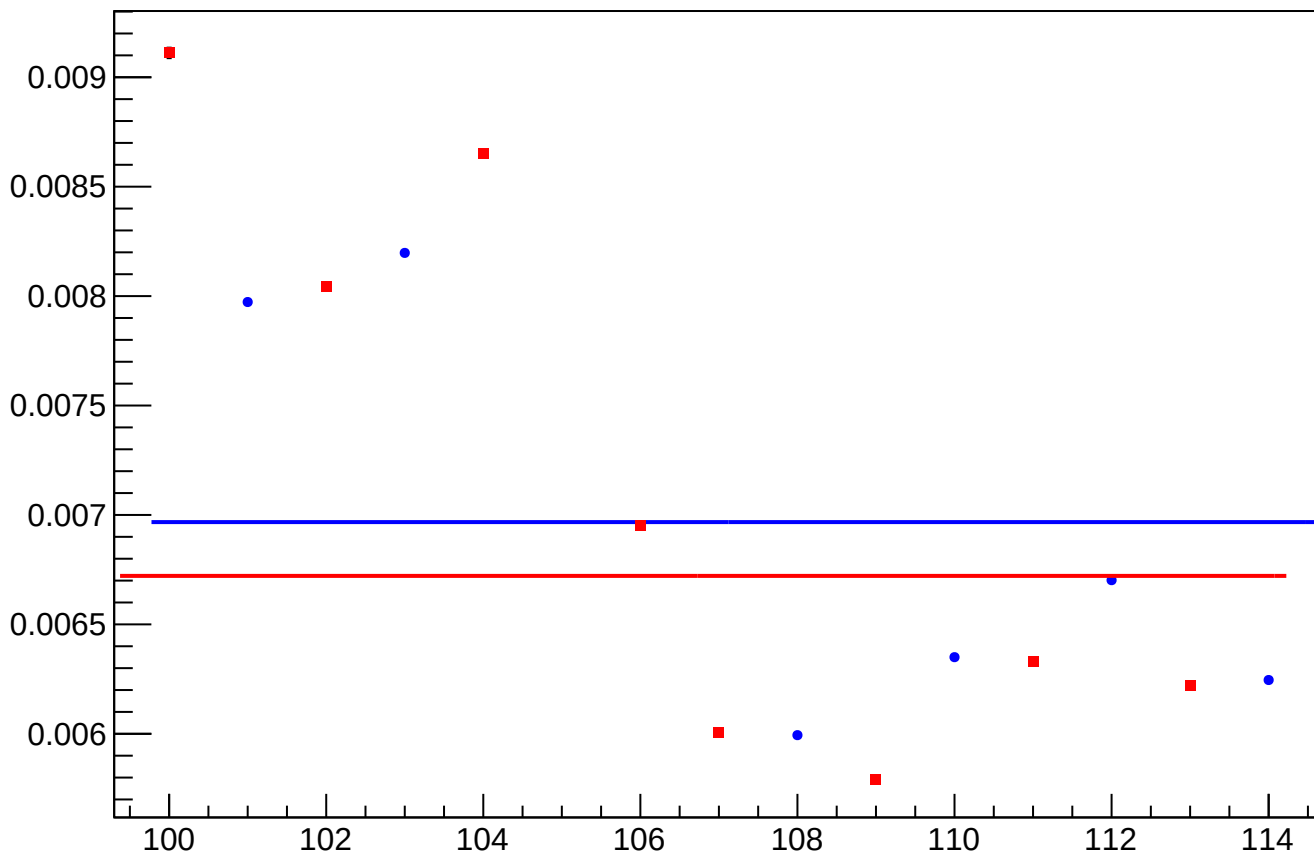
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.821+/-0.000 χ^2/NDF : 57892730851.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 80327.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 141292.1/7

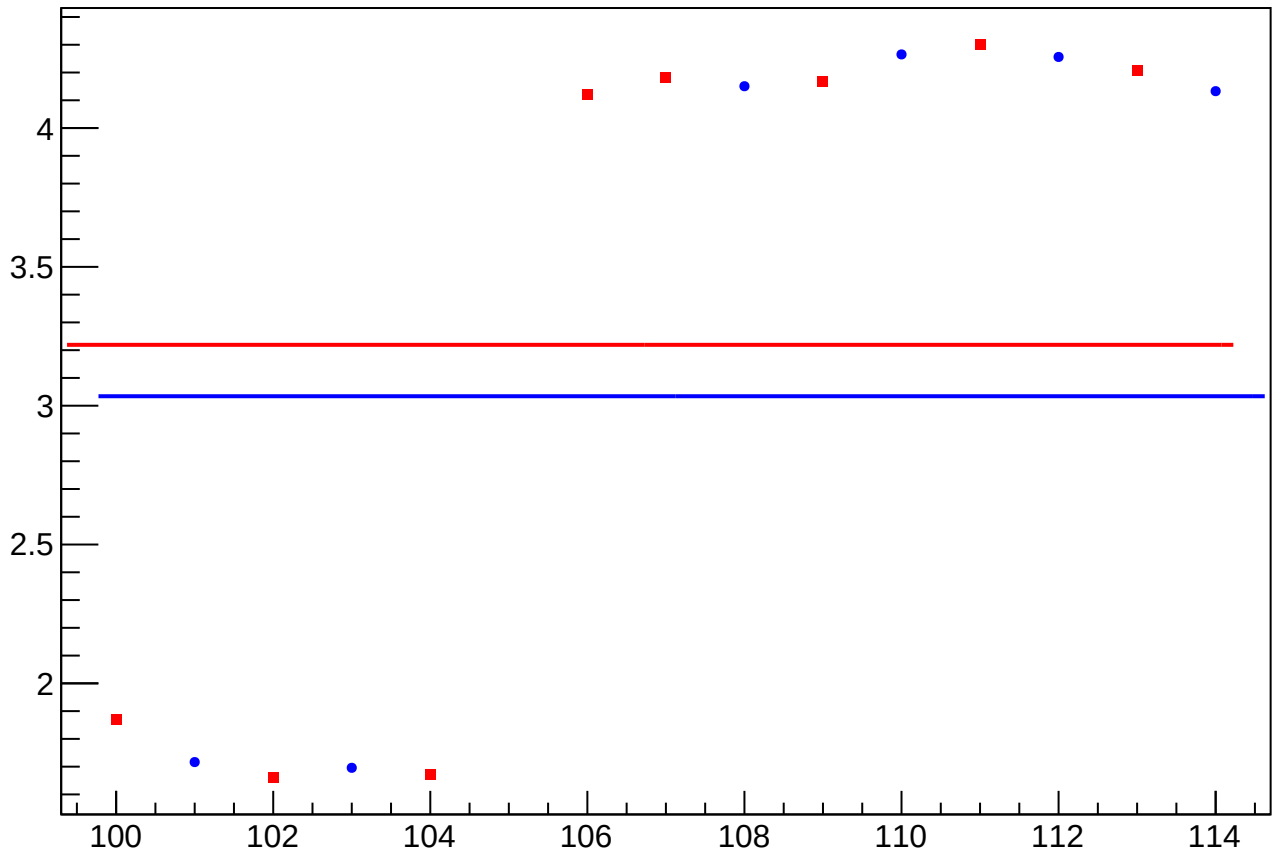
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 225286.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.034+/-0.000 χ^2/NDF : 150455123726.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.219+/-0.000 χ^2/NDF : 174653403669.9/7

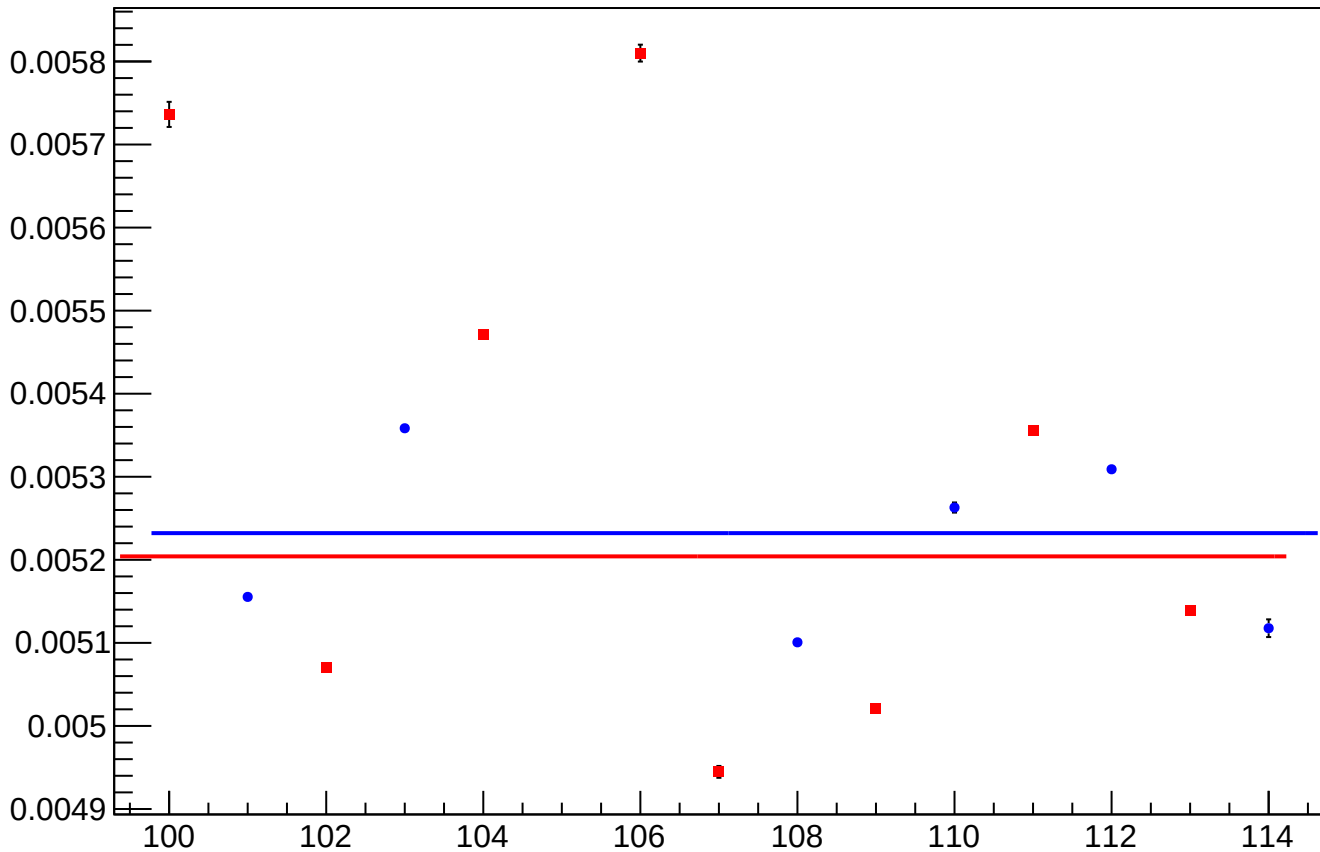
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.135+/-0.000 χ^2/NDF : 326895029982.8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1819.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 11788.3/7

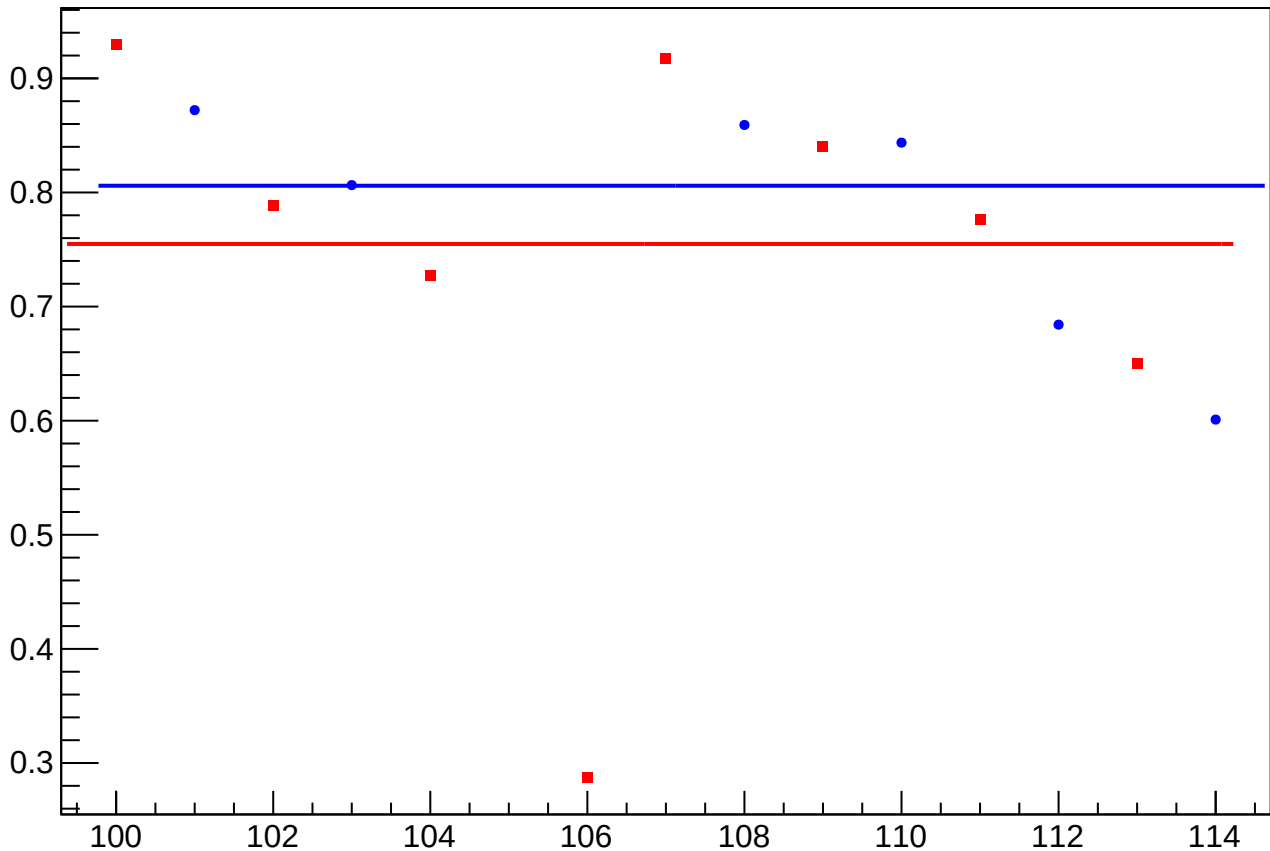
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 13689.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.806 $\pm$ 0.000 χ^2 /NDF: 76909072.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.755 $\pm$ 0.000 χ^2 /NDF: 252642804.4/7

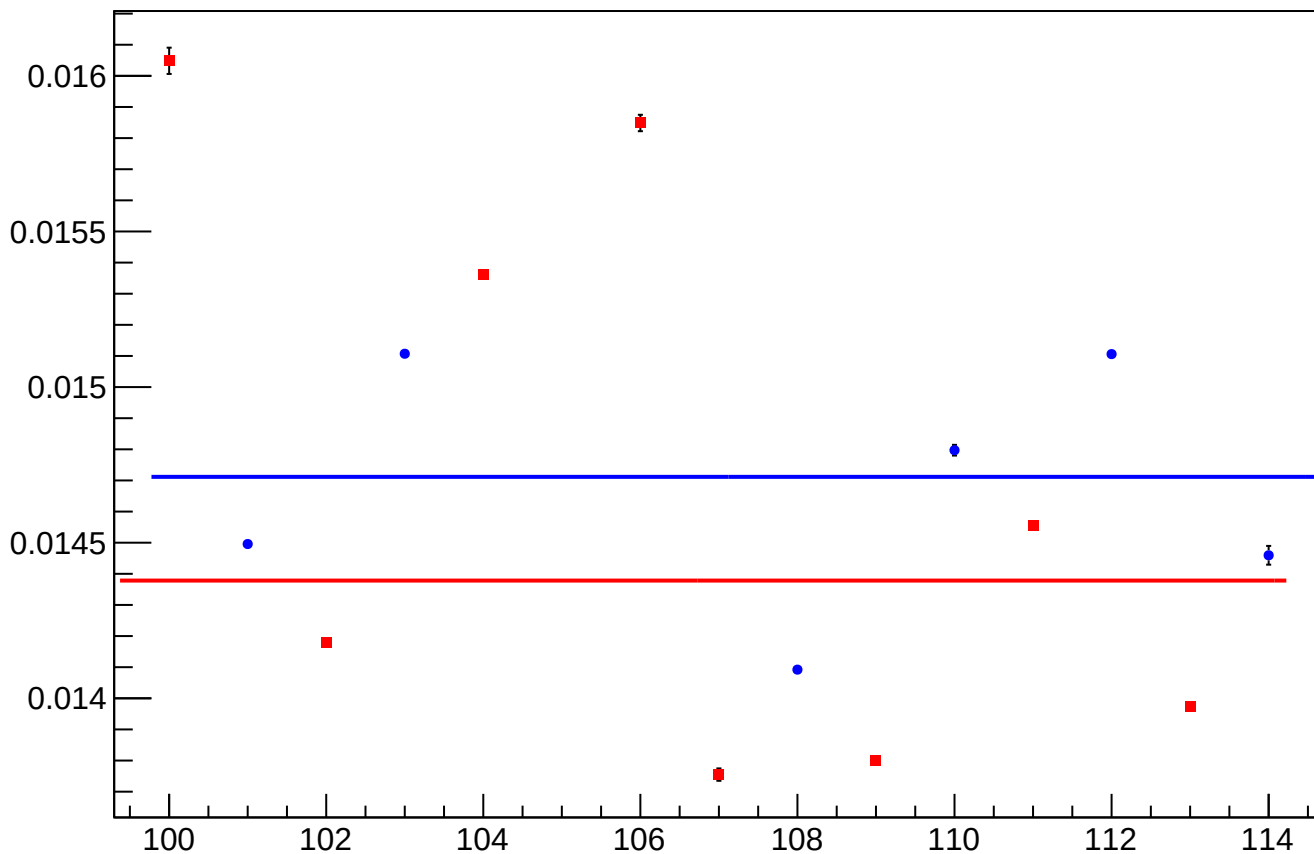
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.778 $\pm$ 0.000 χ^2 /NDF: 346988532.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 3380.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 12950.9/7

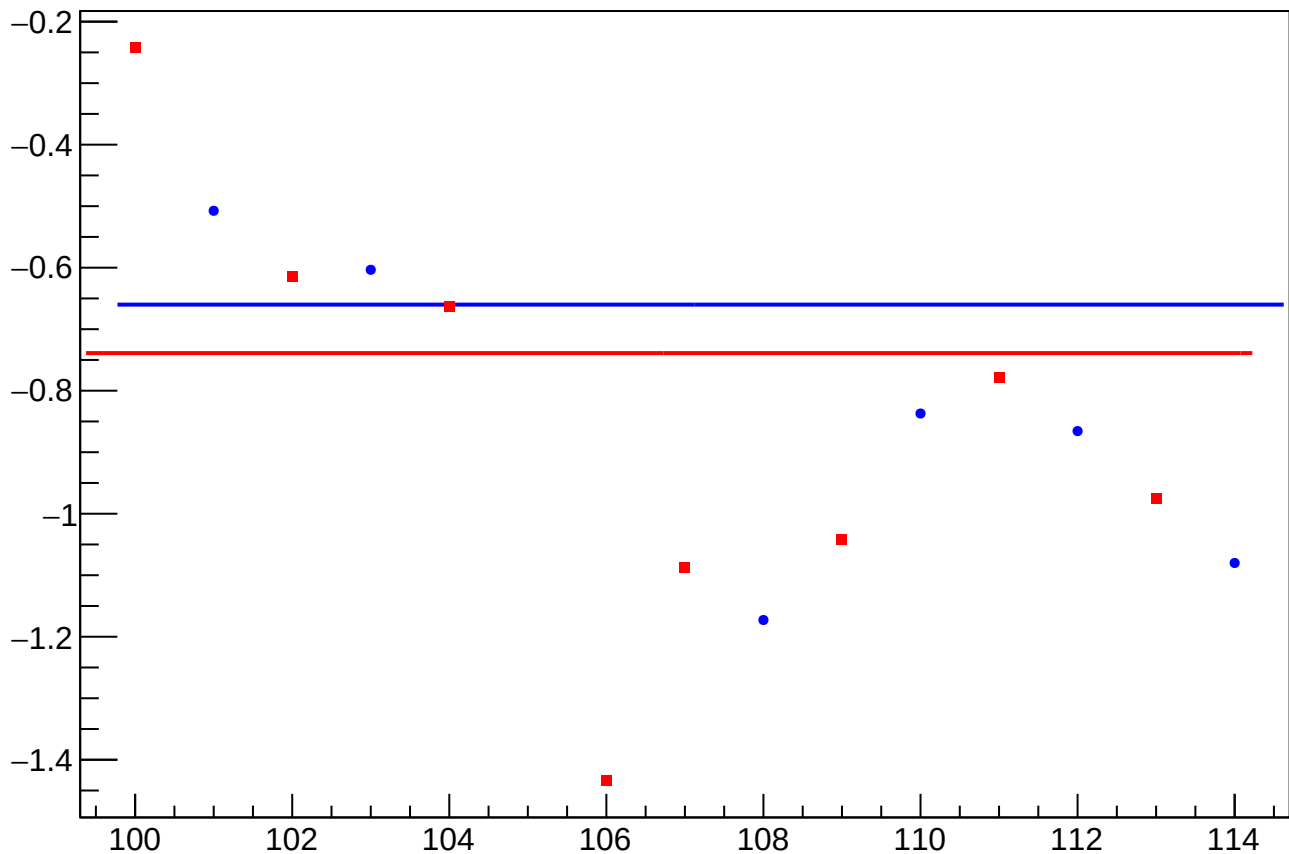
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 17819.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_mean vs Slug



Right In: -0.660+/-0.000 χ^2/NDF : 4356910125.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.739+/-0.000 χ^2/NDF : 5161525136.2/7

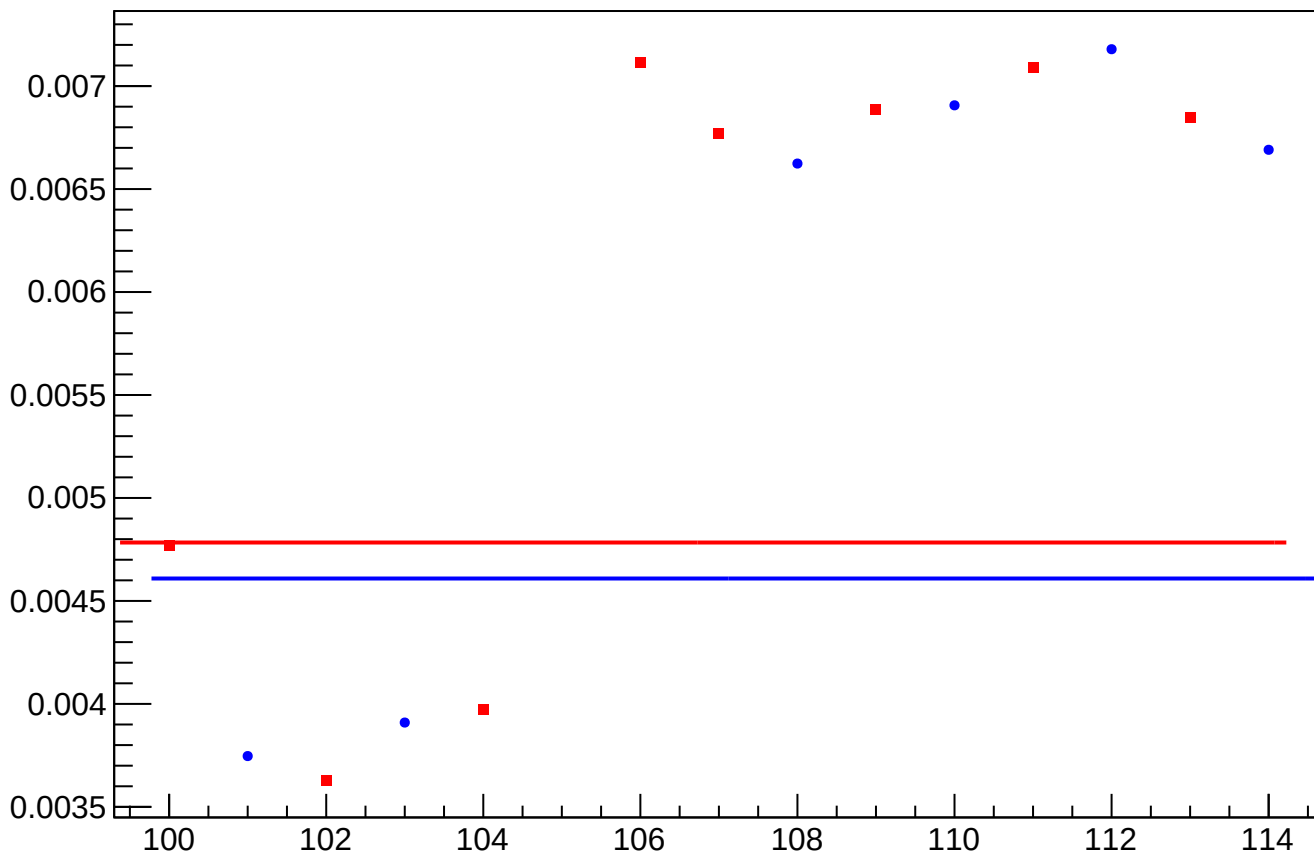
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.701+/-0.000 χ^2/NDF : 9862724987.1/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 382703.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 502750.6/7

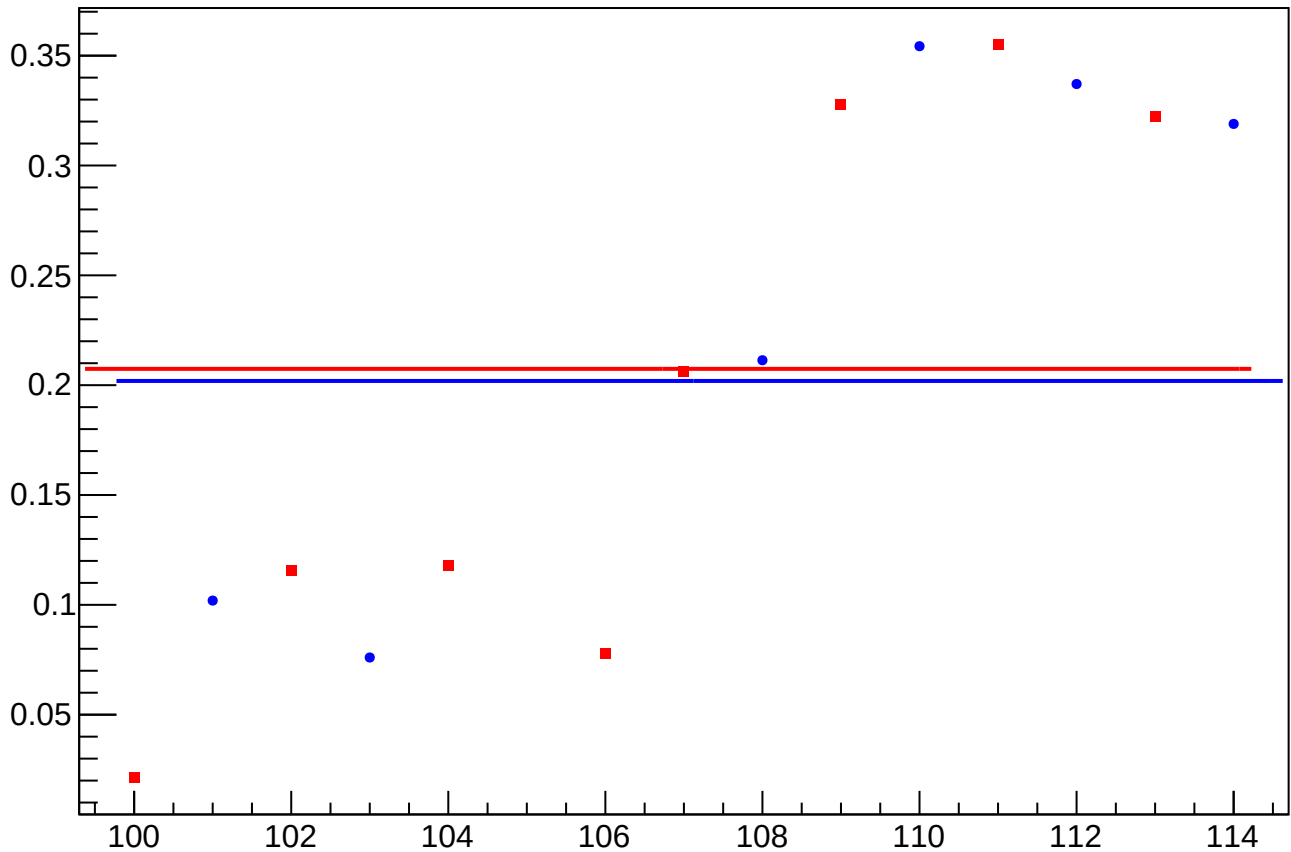
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 888839.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



Right In: 0.202+/-0.000 χ^2/NDF : 13842597040.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.207+/-0.000 χ^2/NDF : 18873851026.1/7

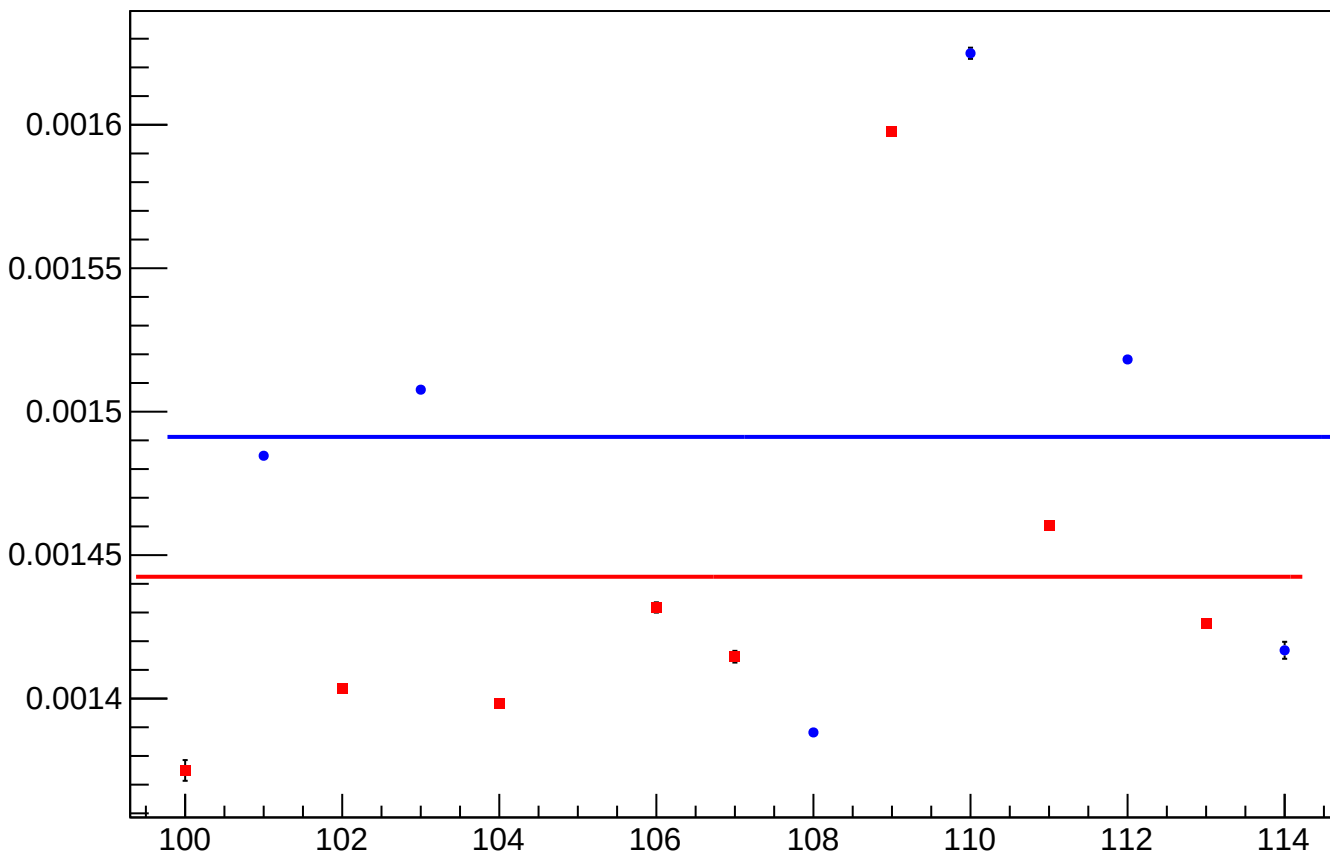
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.205+/-0.000 χ^2/NDF : 32735621456.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 10109.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 12444.0/7

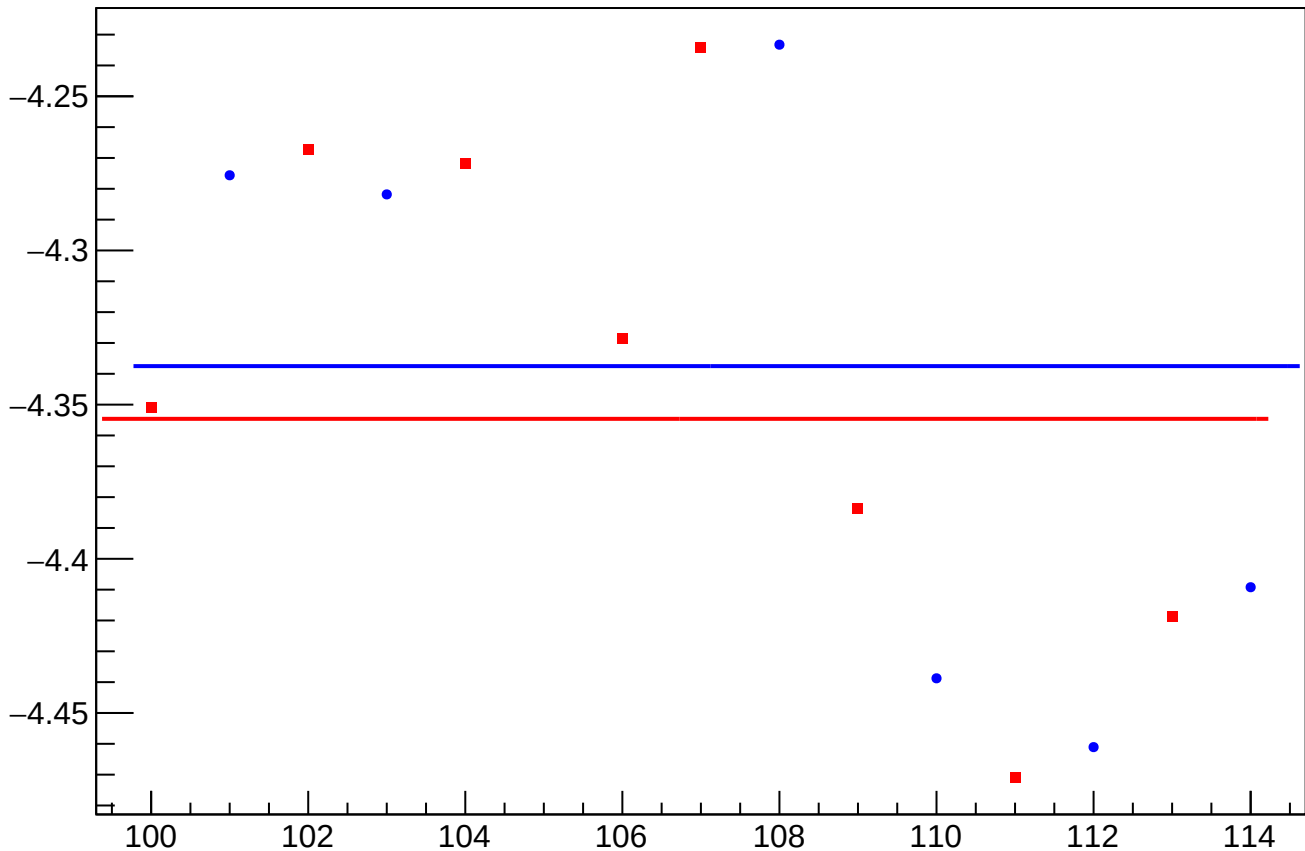
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 25553.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug



Right In: -4.338+/-0.000 χ^2/NDF : 8182149601.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.355+/-0.000 χ^2/NDF : 7662539858.2/7

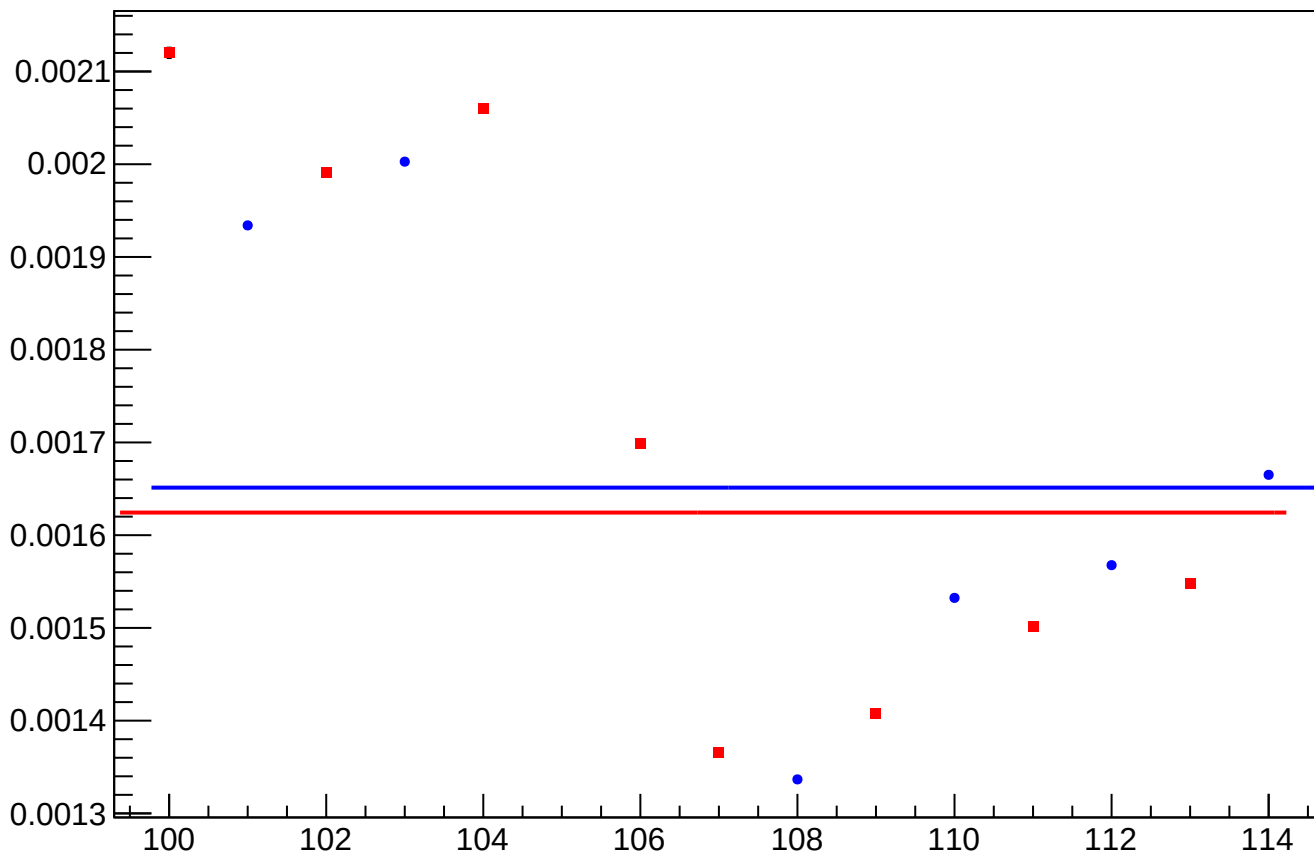
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.347+/-0.000 χ^2/NDF : 15996381620.4/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 115004.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 149200.5/7

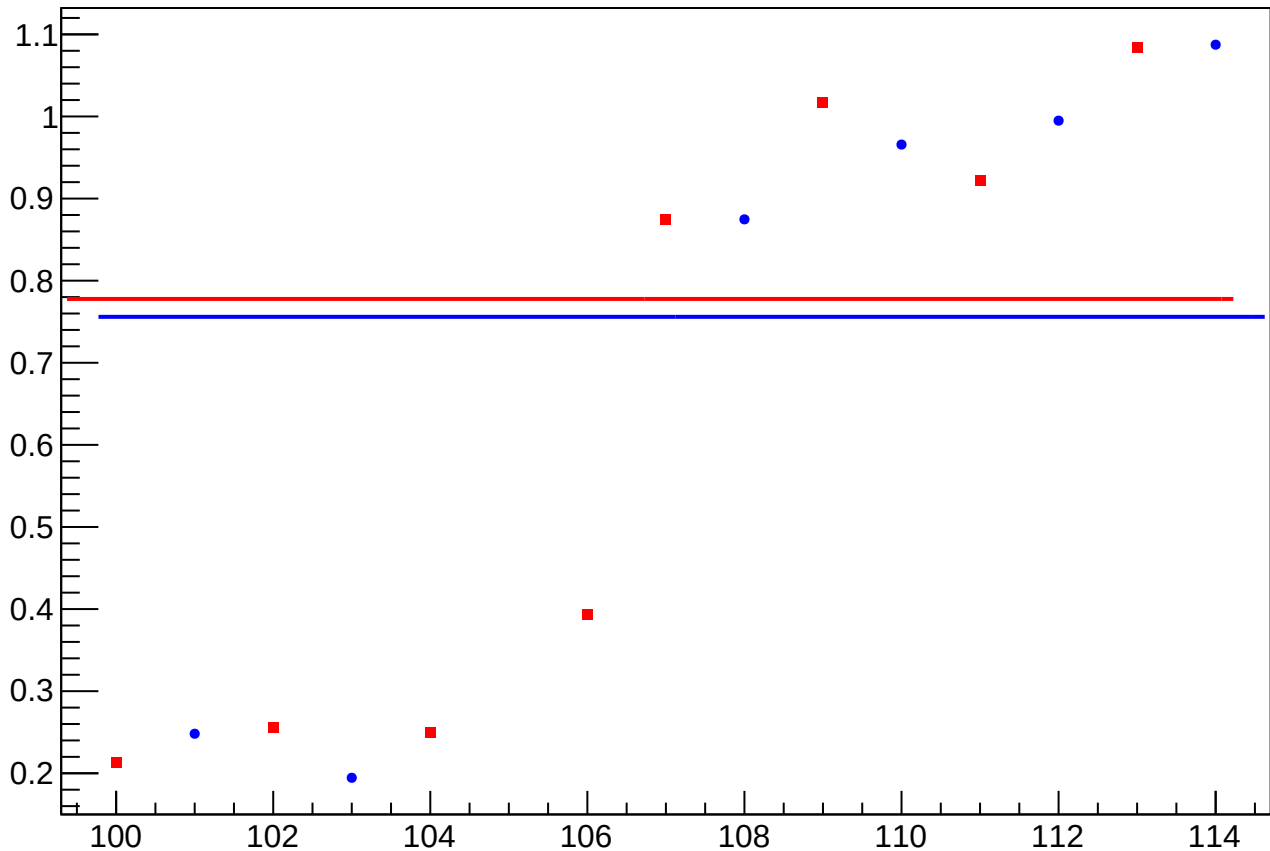
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 264955.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.756 $\pm$ 0.000 χ^2 /NDF: 6623420278.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.778 $\pm$ 0.000 χ^2 /NDF: 9266392151.8/7

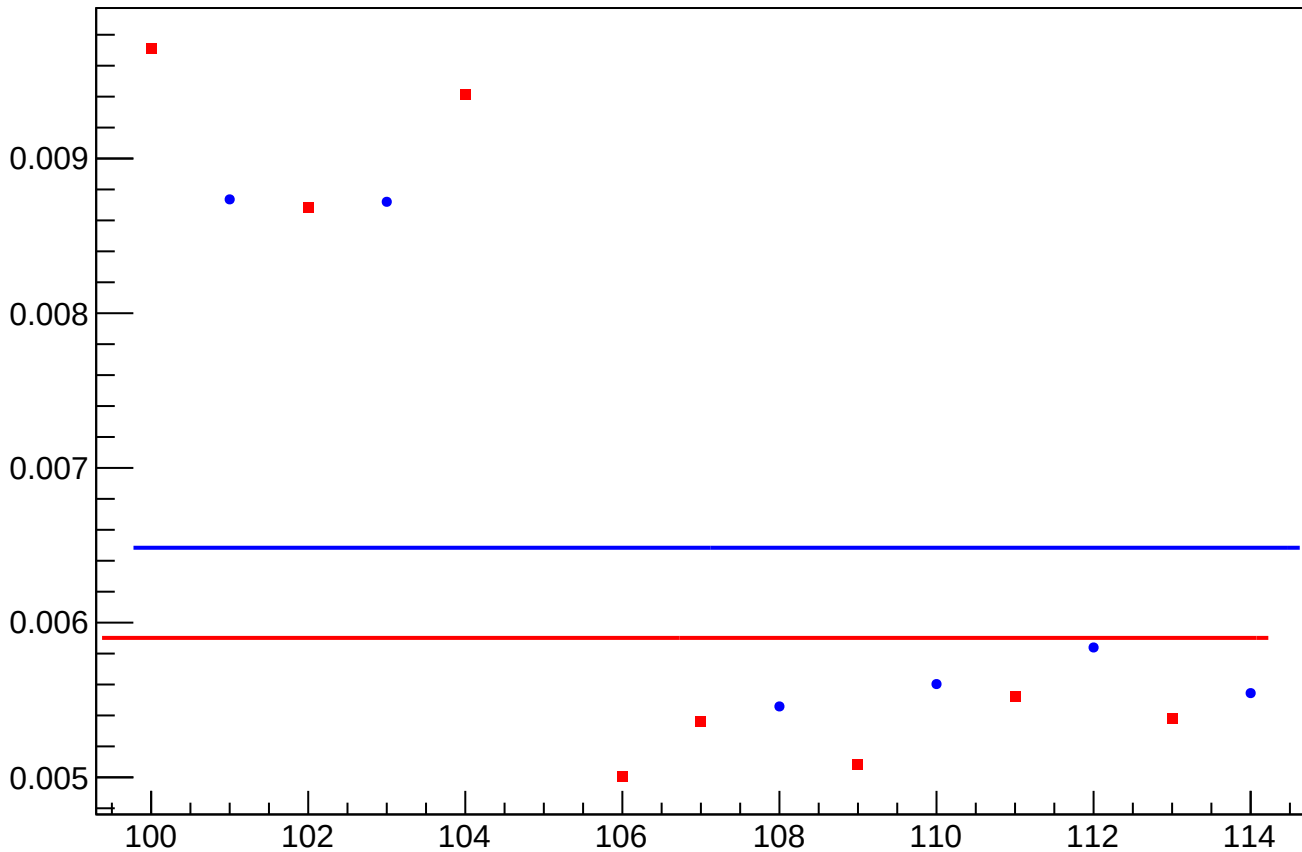
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.769 $\pm$ 0.000 χ^2 /NDF: 15906761748.6/1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 230106.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 366565.4/7

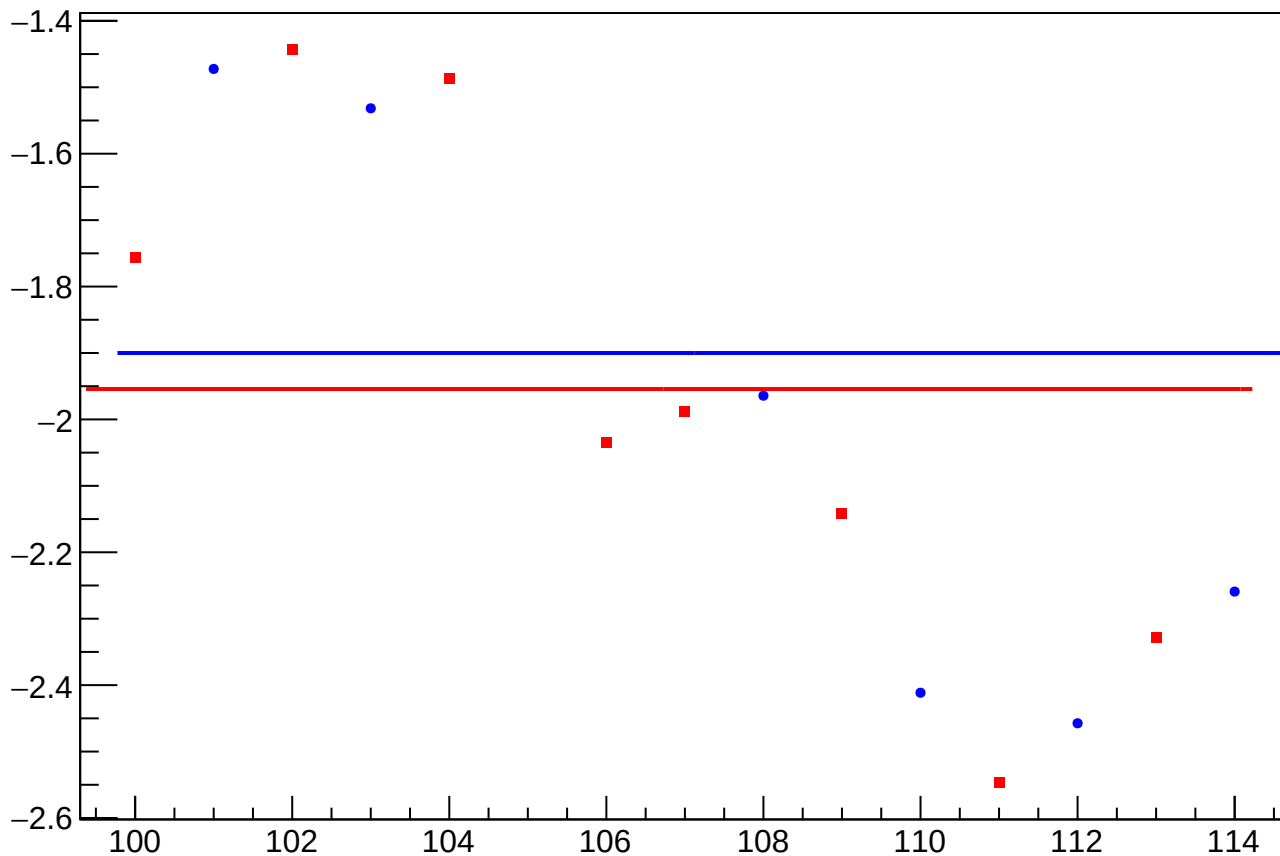
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 620876.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -1.900+/-0.000 χ^2/NDF : 14348998801.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.954+/-0.000 χ^2/NDF : 15598566535.5/7

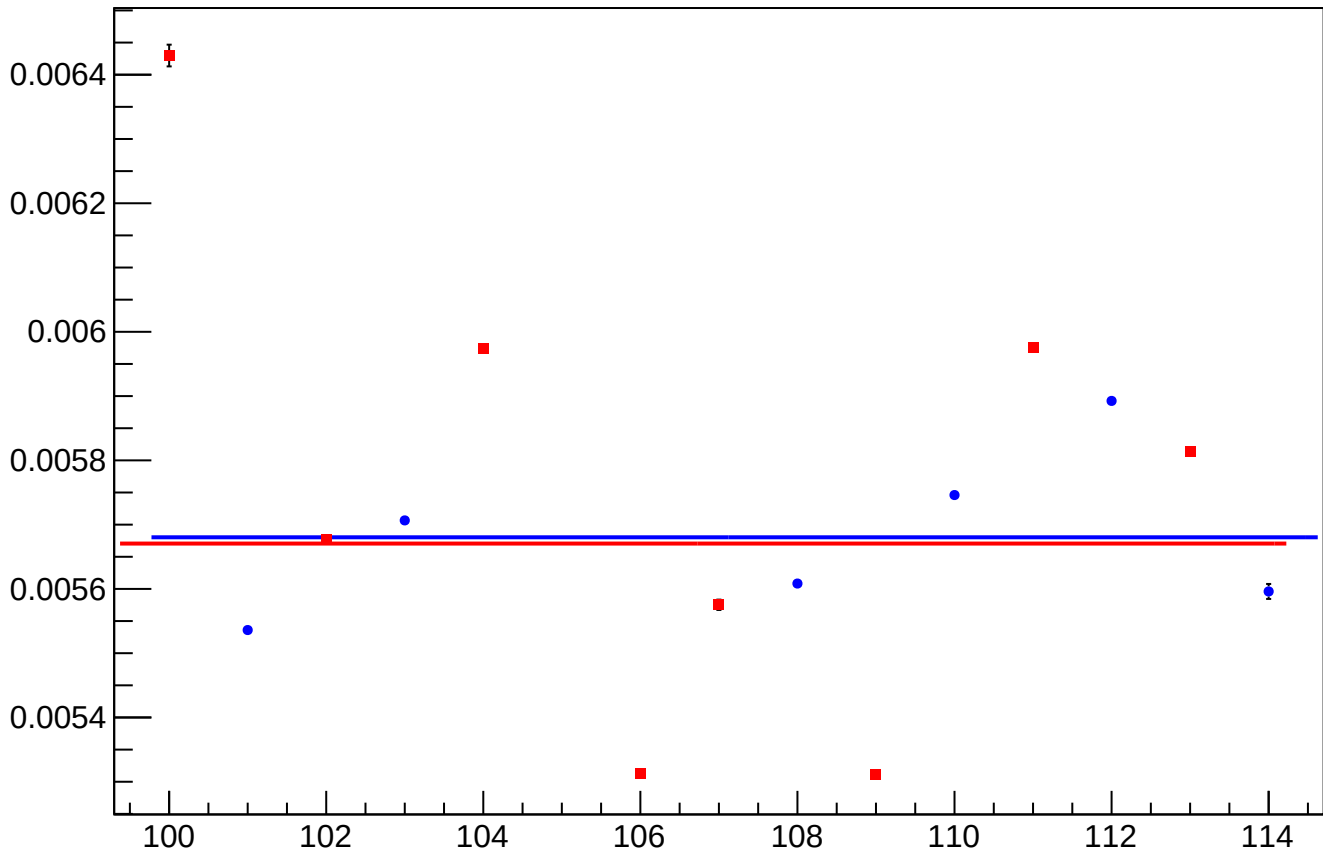
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.930+/-0.000 χ^2/NDF : 30080451092.1/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 2483.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 15576.0/7

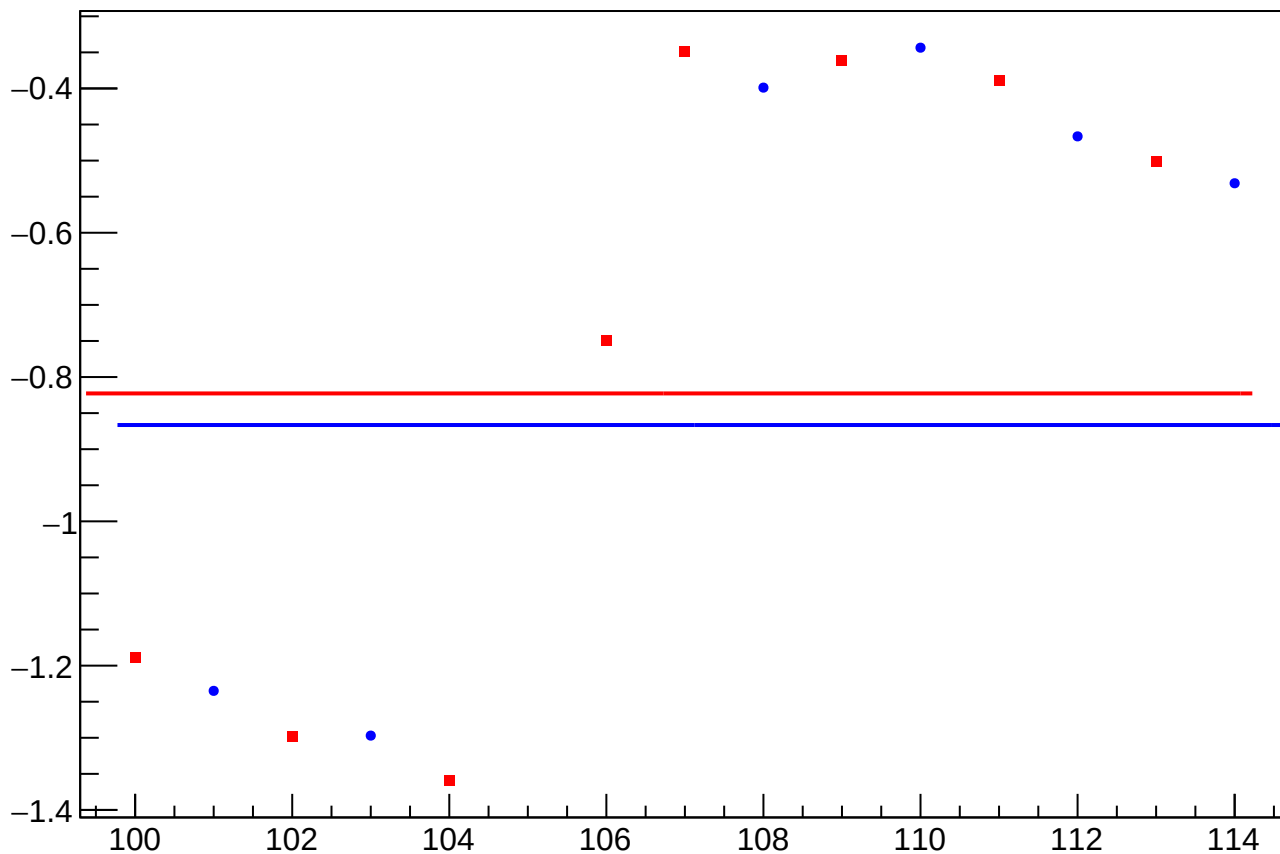
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 18068.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -0.866+/-0.000 χ^2/NDF : 4073086557.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

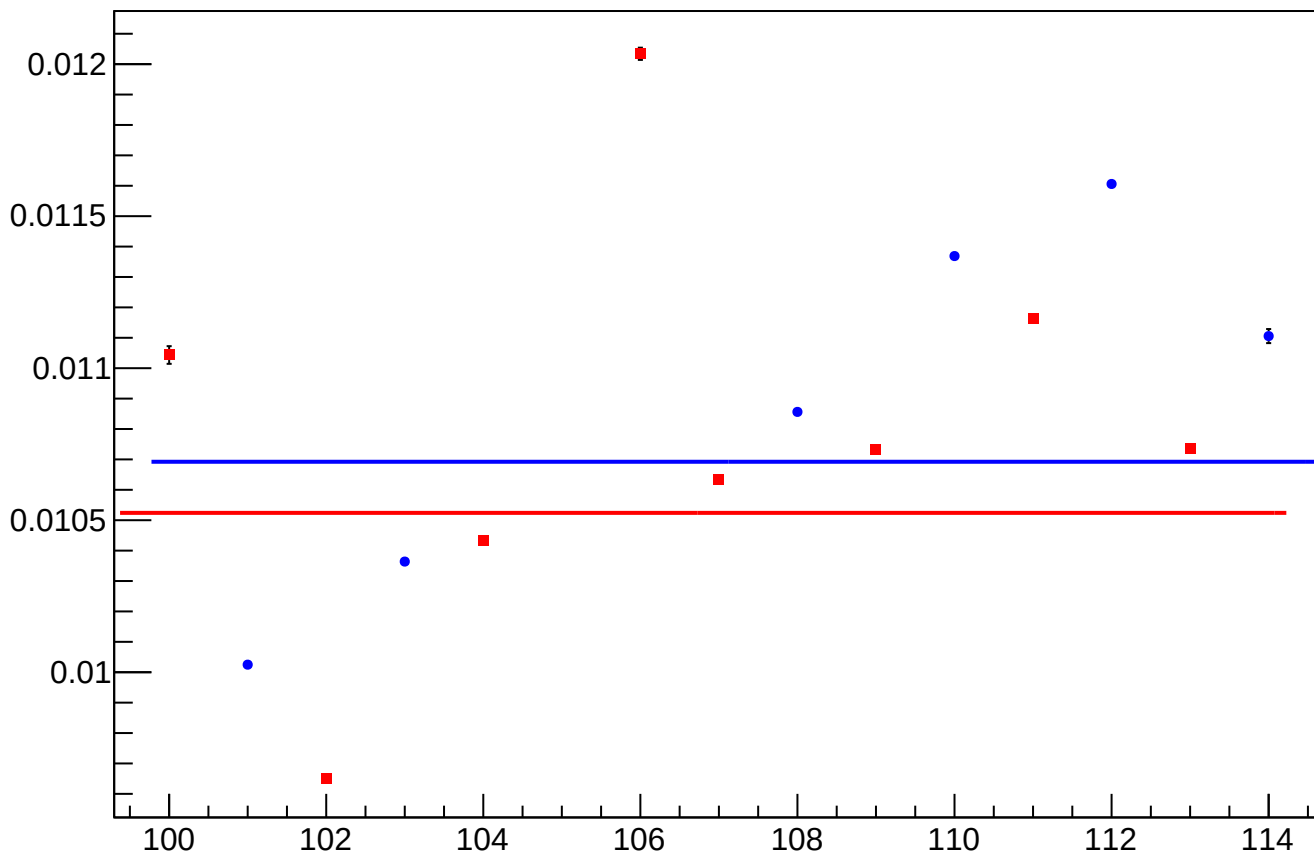
Right Out: -0.823+/-0.000 χ^2/NDF : 5575656274.1/7

All: -0.842+/-0.000 χ^2/NDF : 9672689724.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 16113.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 20364.4/7

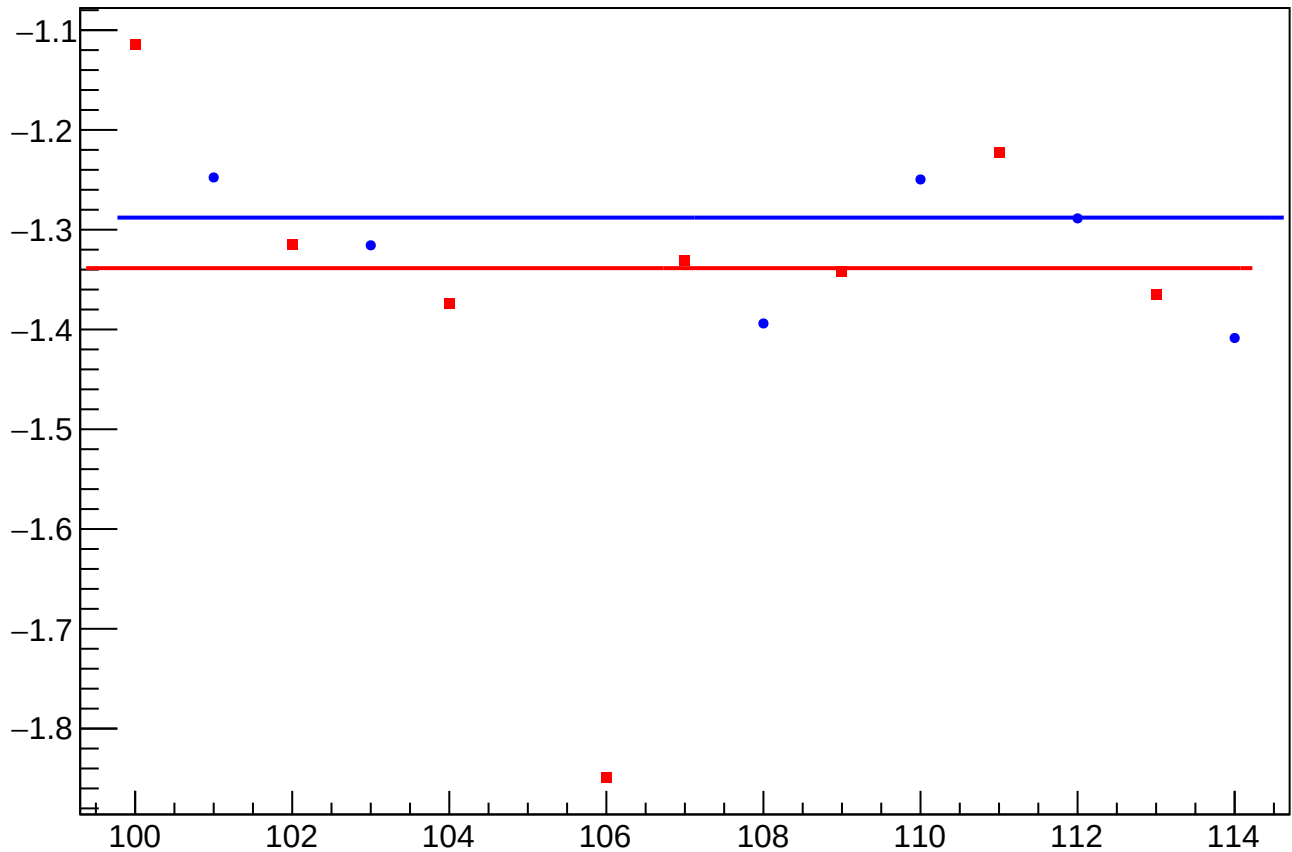
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 37184.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.288+/-0.000 χ^2/NDF : 1100792536.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.339+/-0.000 χ^2/NDF : 5538913820.6/7

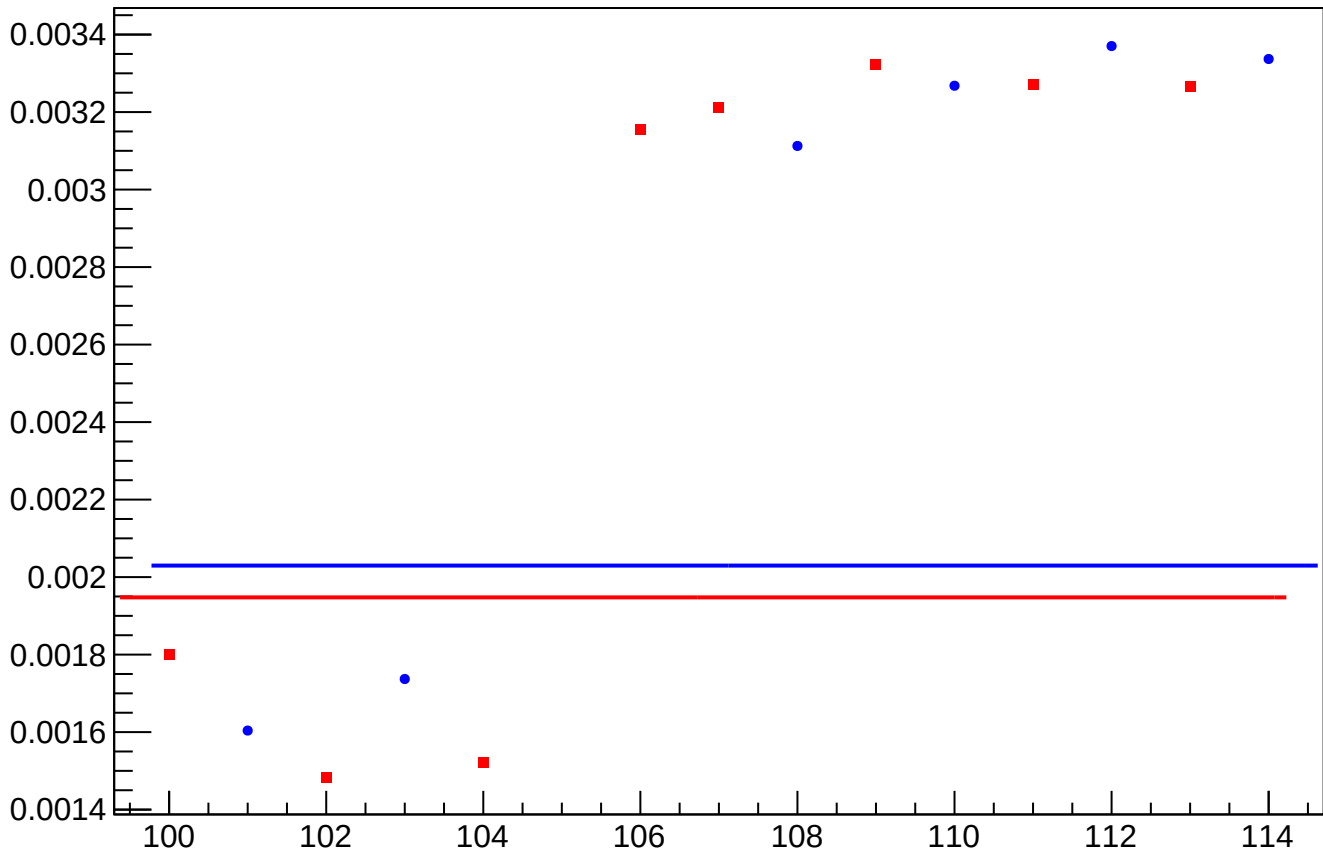
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.316+/-0.000 χ^2/NDF : 7370249451.5/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 467801.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 744300.7/7

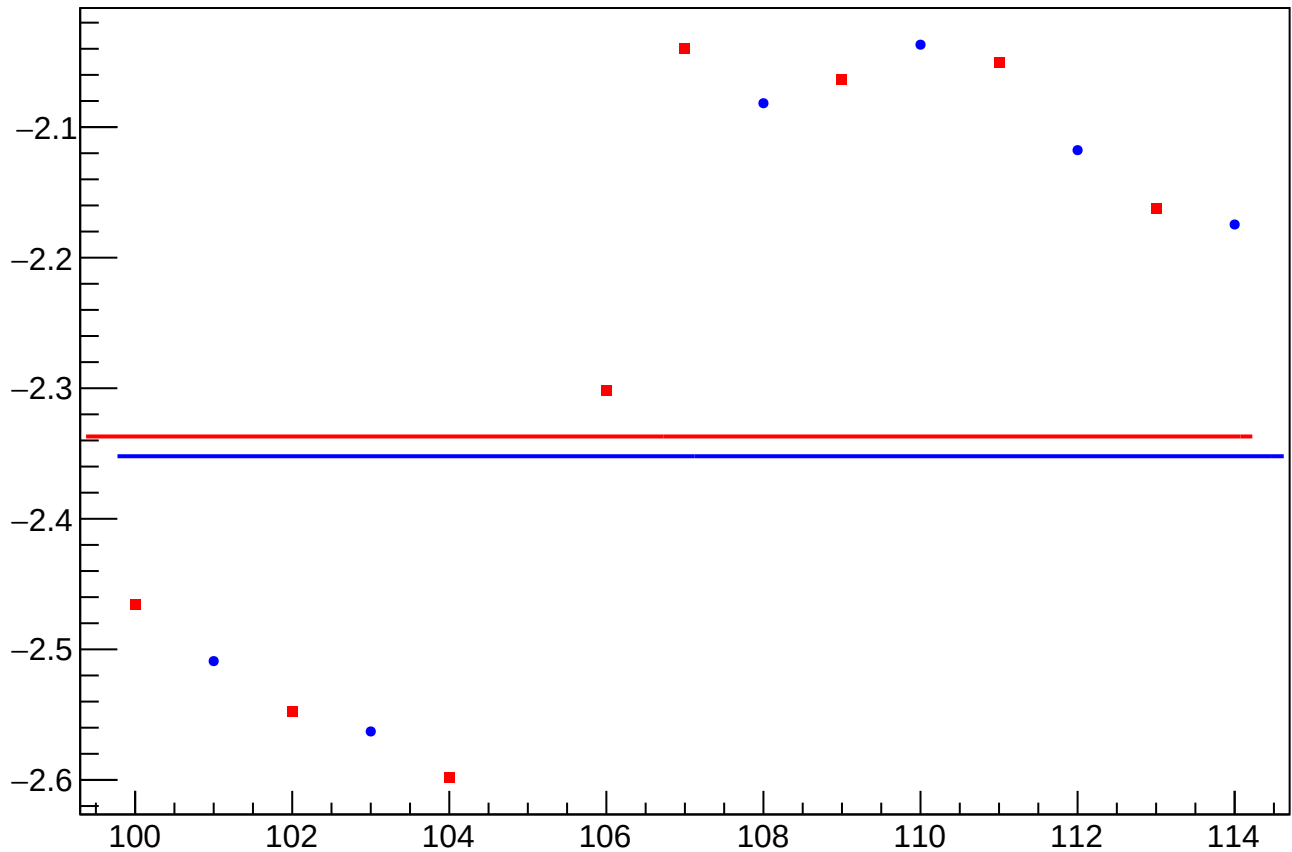
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1215936.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug



Right In: -2.352+/-0.000 χ^2/NDF : 3132338312.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.337+/-0.000 χ^2/NDF : 4428820224.1/7

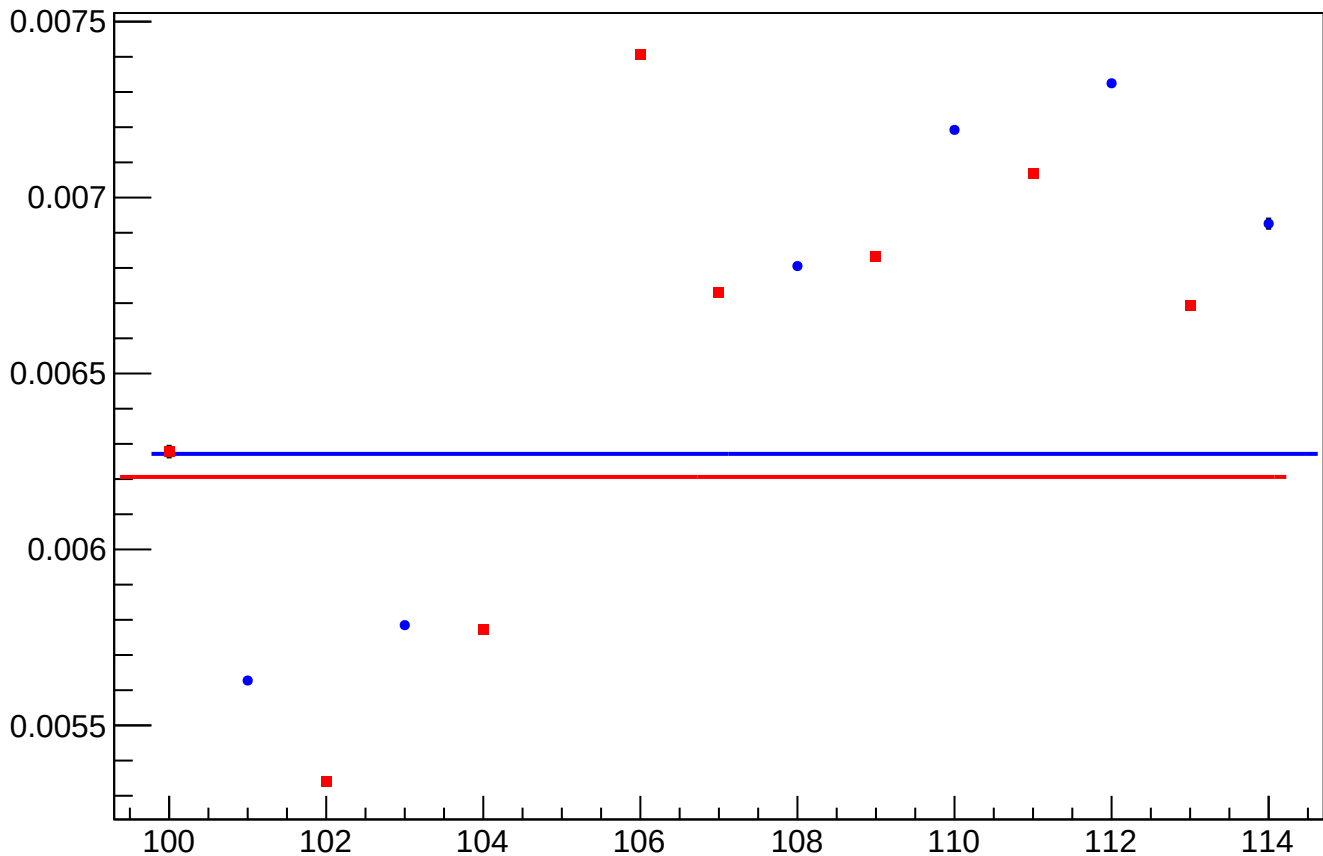
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.344+/-0.000 χ^2/NDF : 7569276008.3/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 63576.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 78514.1/7

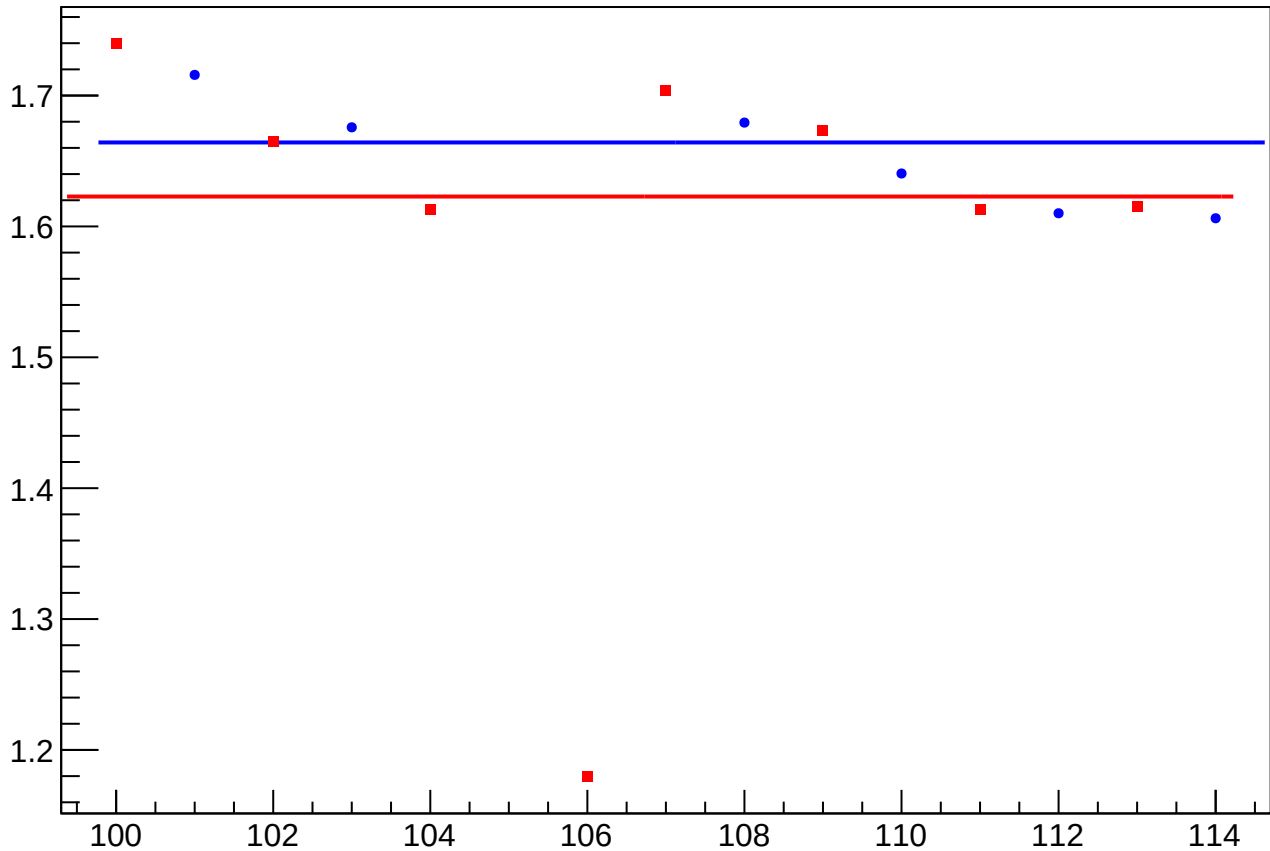
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 142395.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



Right In: 1.664+/-0.000 χ^2/NDF : 758473088.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.623+/-0.000 χ^2/NDF : 7599813856.5/7

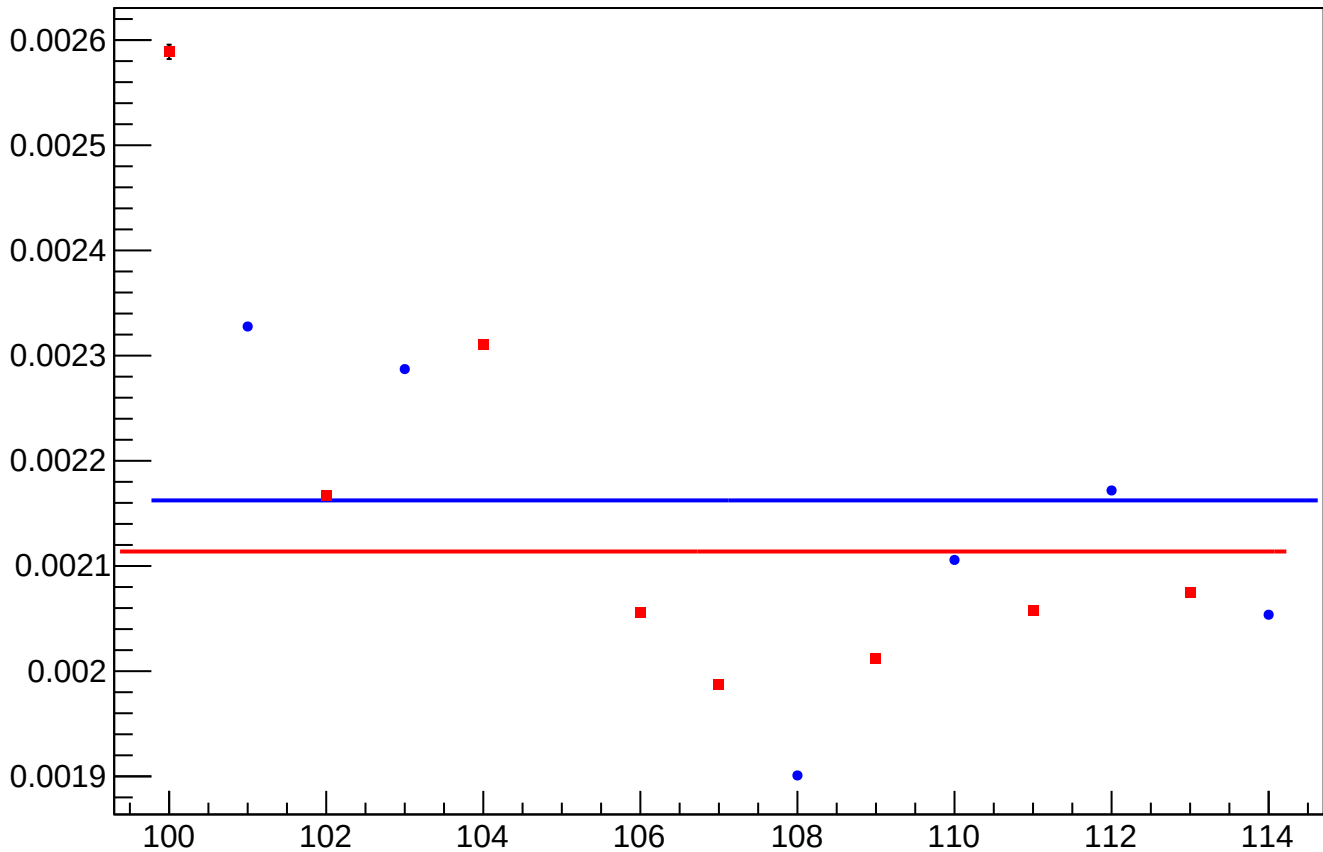
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.641+/-0.000 χ^2/NDF : 8853476742.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 24392.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 18189.9/7

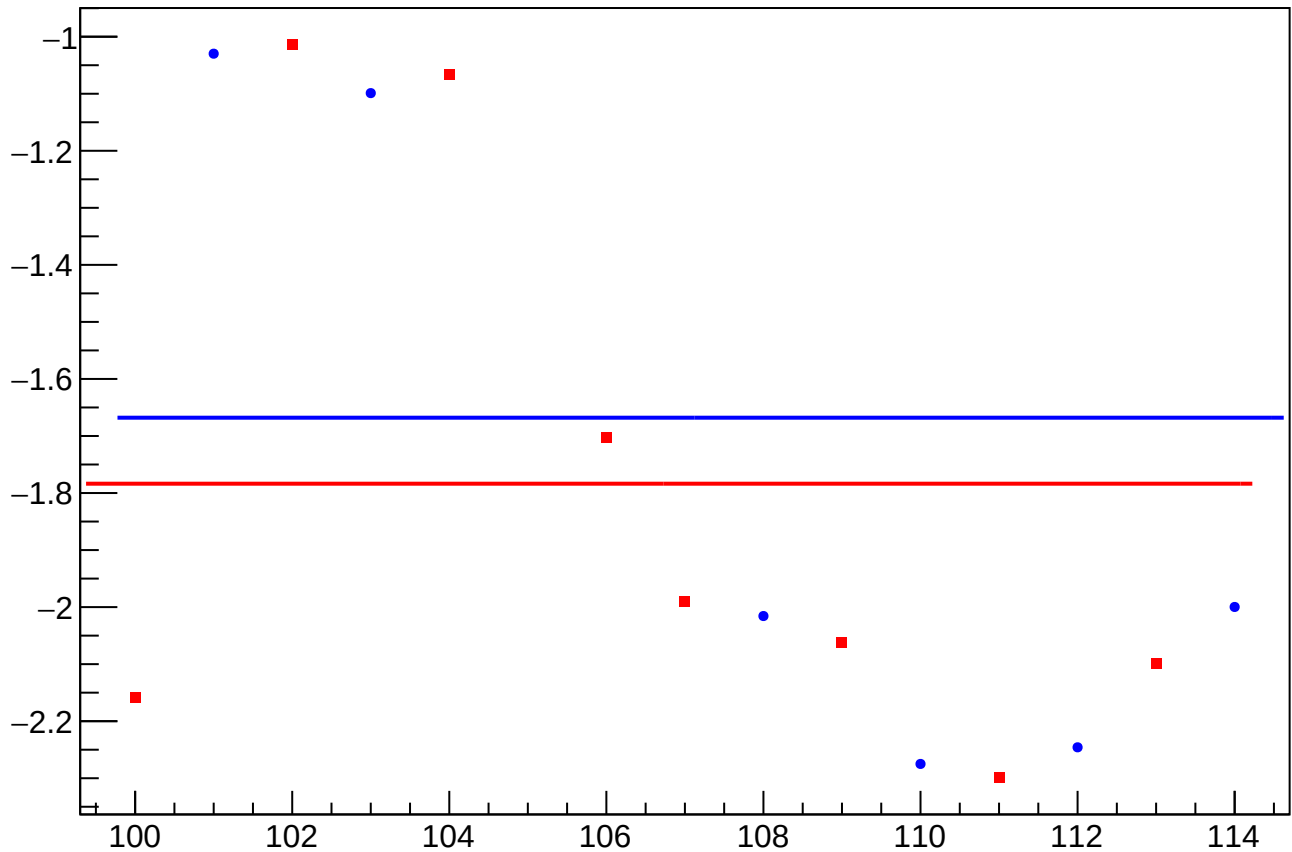
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 43951.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug



Right In: -1.668+/-0.000 χ^2/NDF : 15911880890.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.784+/-0.000 χ^2/NDF : 18504835161.6/7

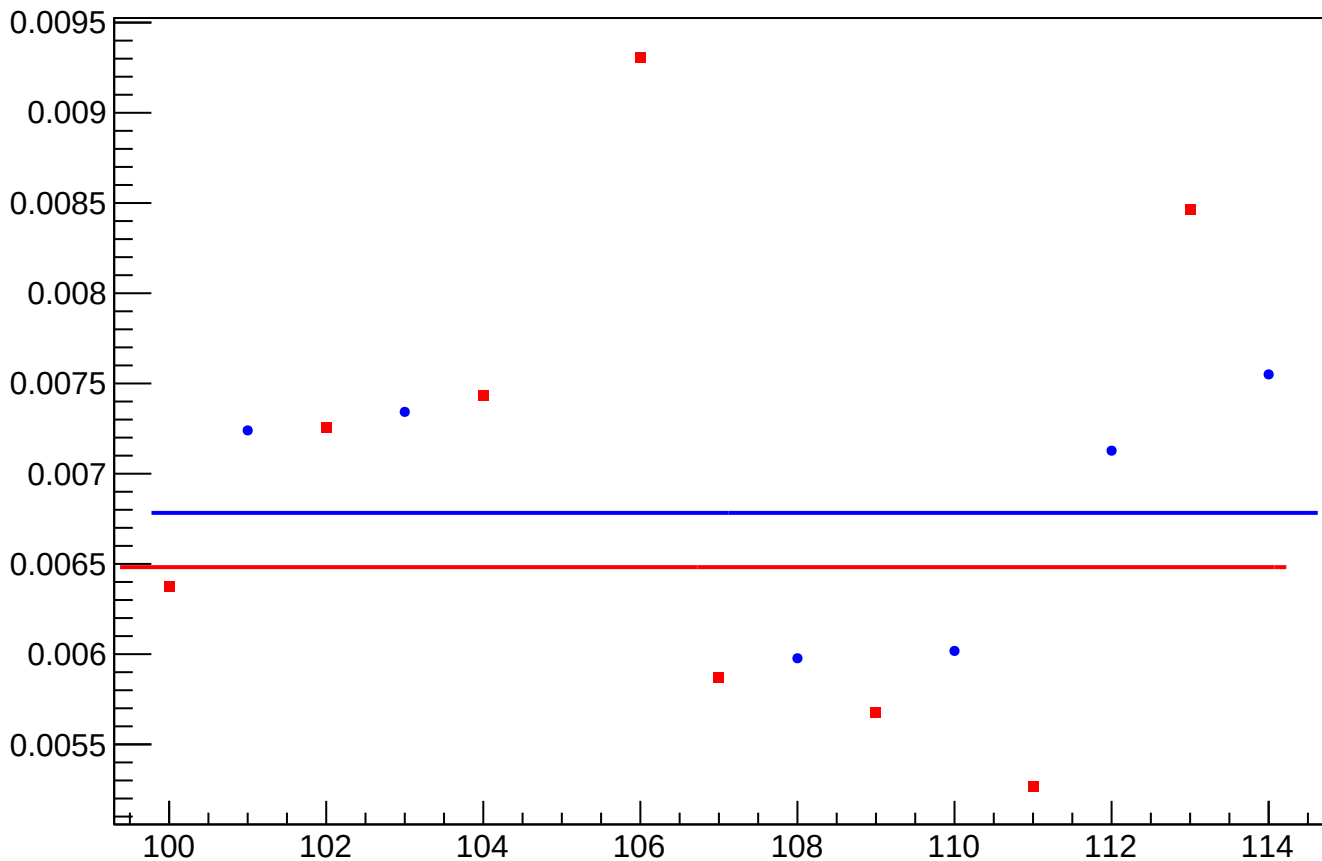
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.734+/-0.000 χ^2/NDF : 34817480785.0/12

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 40955.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 188305.9/7

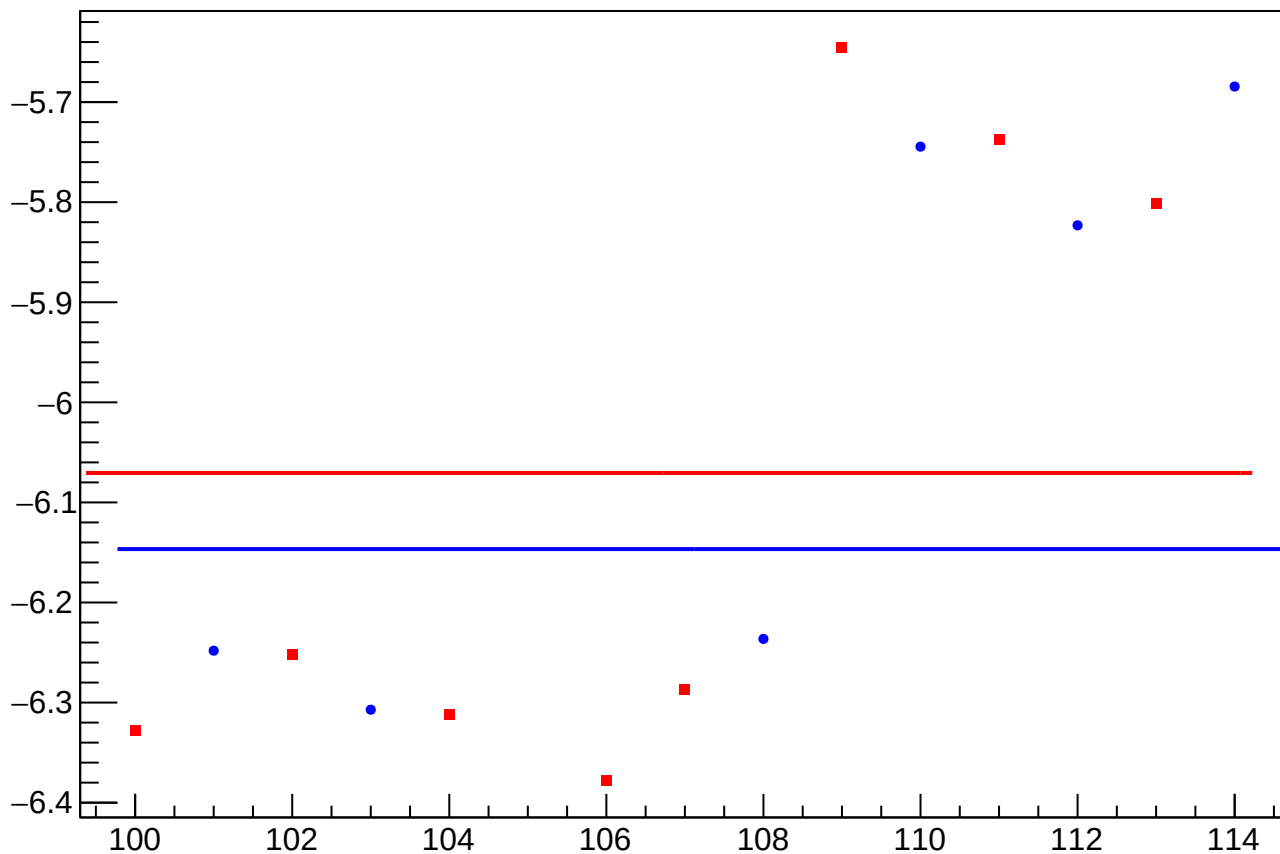
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 234672.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



Right In: -6.147+/-0.000 χ^2/NDF : 3447548257.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.071+/-0.000 χ^2/NDF : 7614252527.5/7

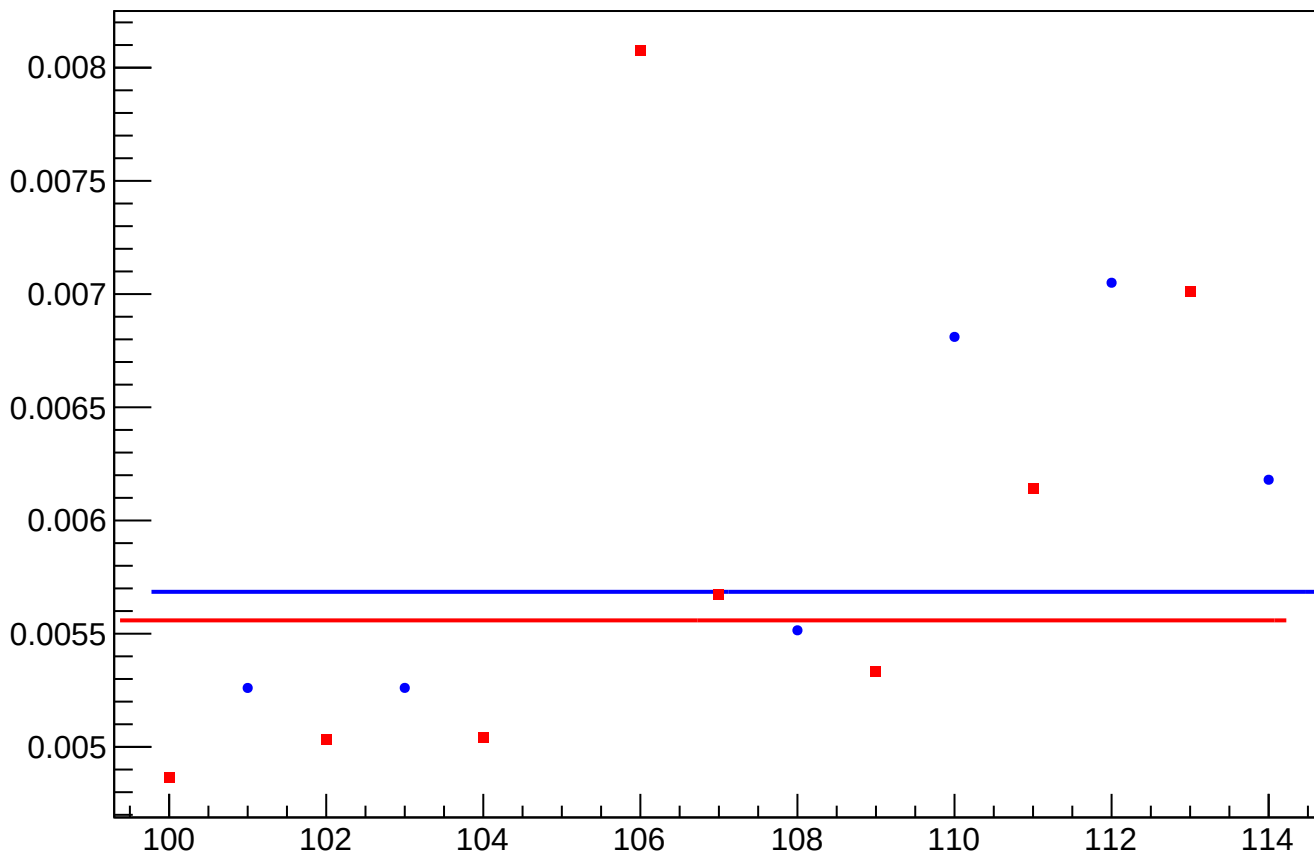
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.104+/-0.000 χ^2/NDF : 11300841185.1/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 66528.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 121911.7/7

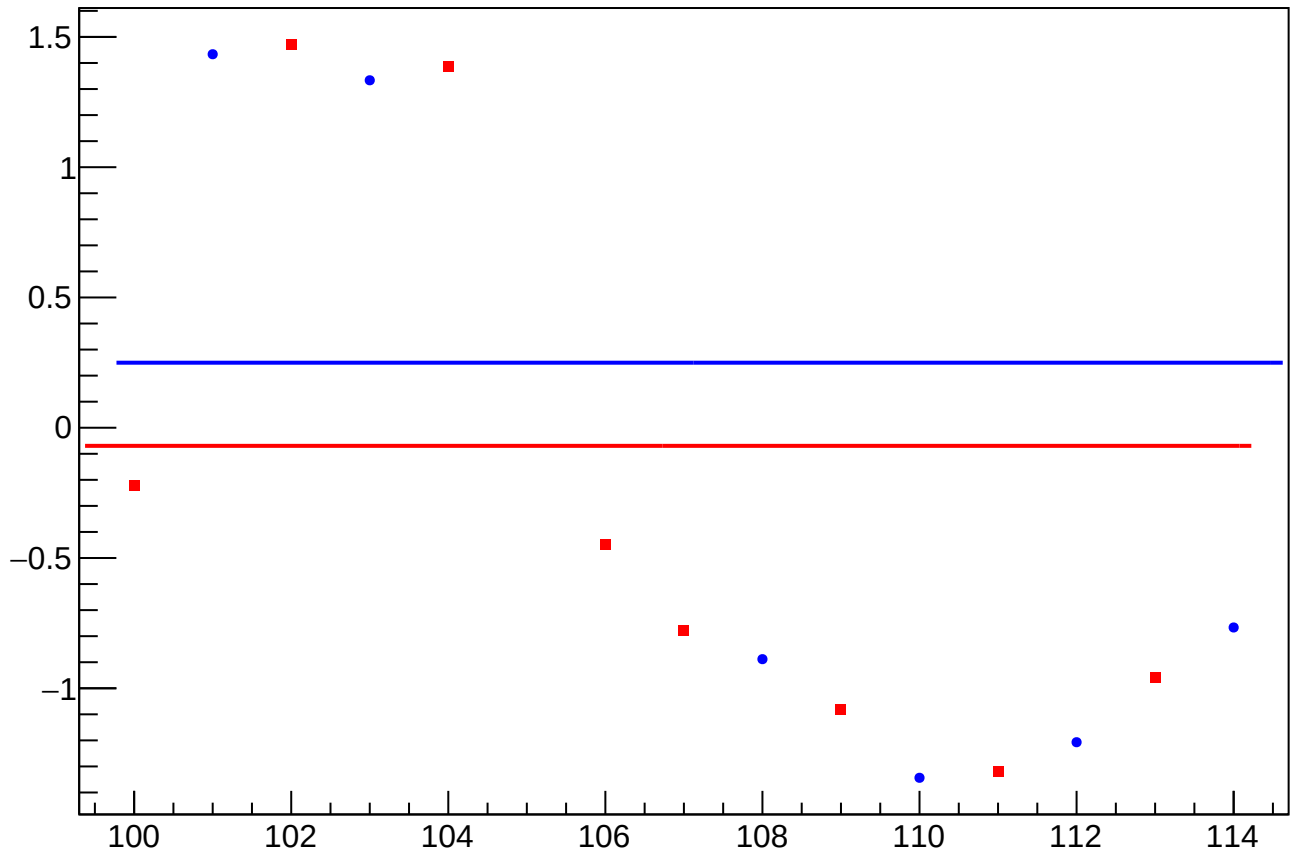
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 189755.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



Right In: 0.250+/-0.000 χ^2/NDF : 16045671532.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.000 χ^2/NDF : 20508582629.4/7

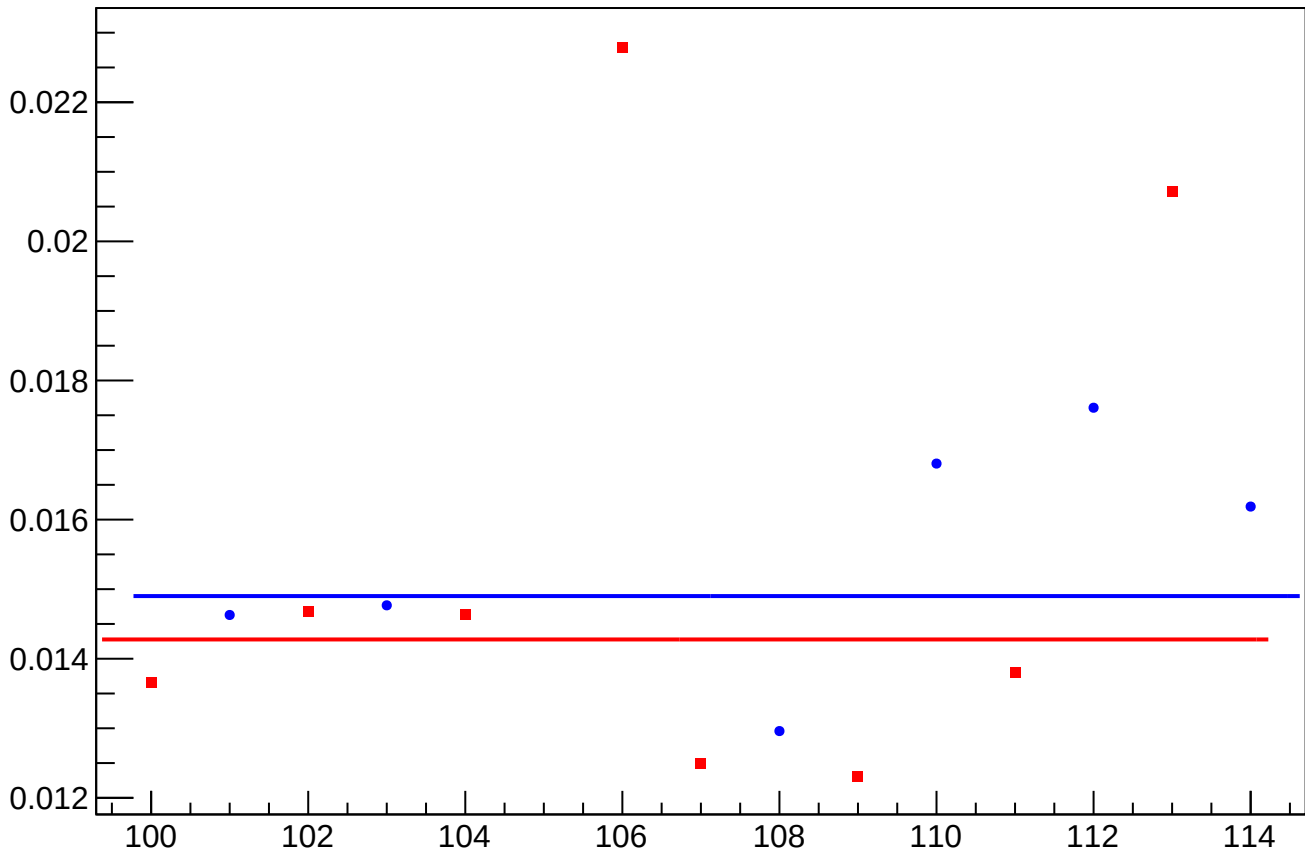
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 37172263126.2/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 43957.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 160426.9/7

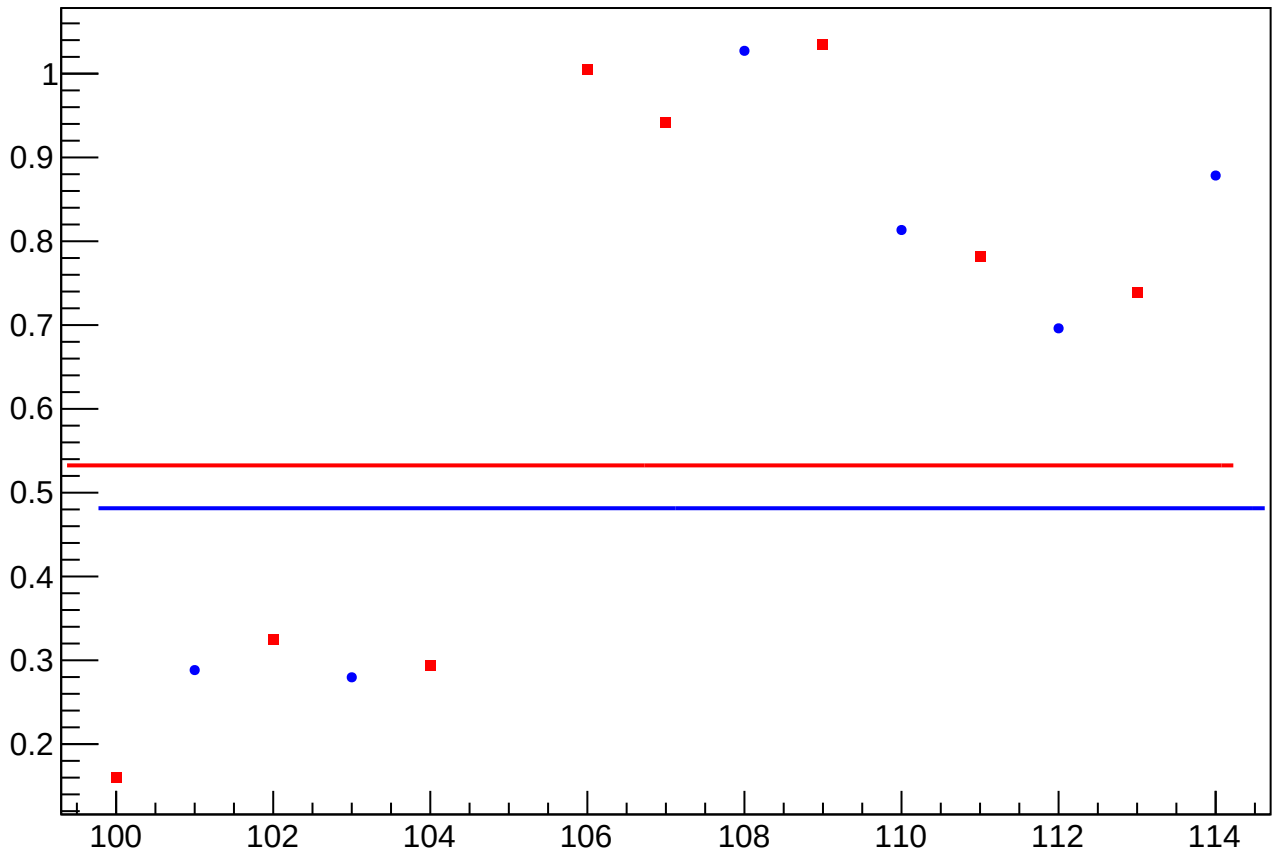
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 209104.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.481+/-0.000 χ^2/NDF : 3440667008.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.533+/-0.000 χ^2/NDF : 4432589236.1/7

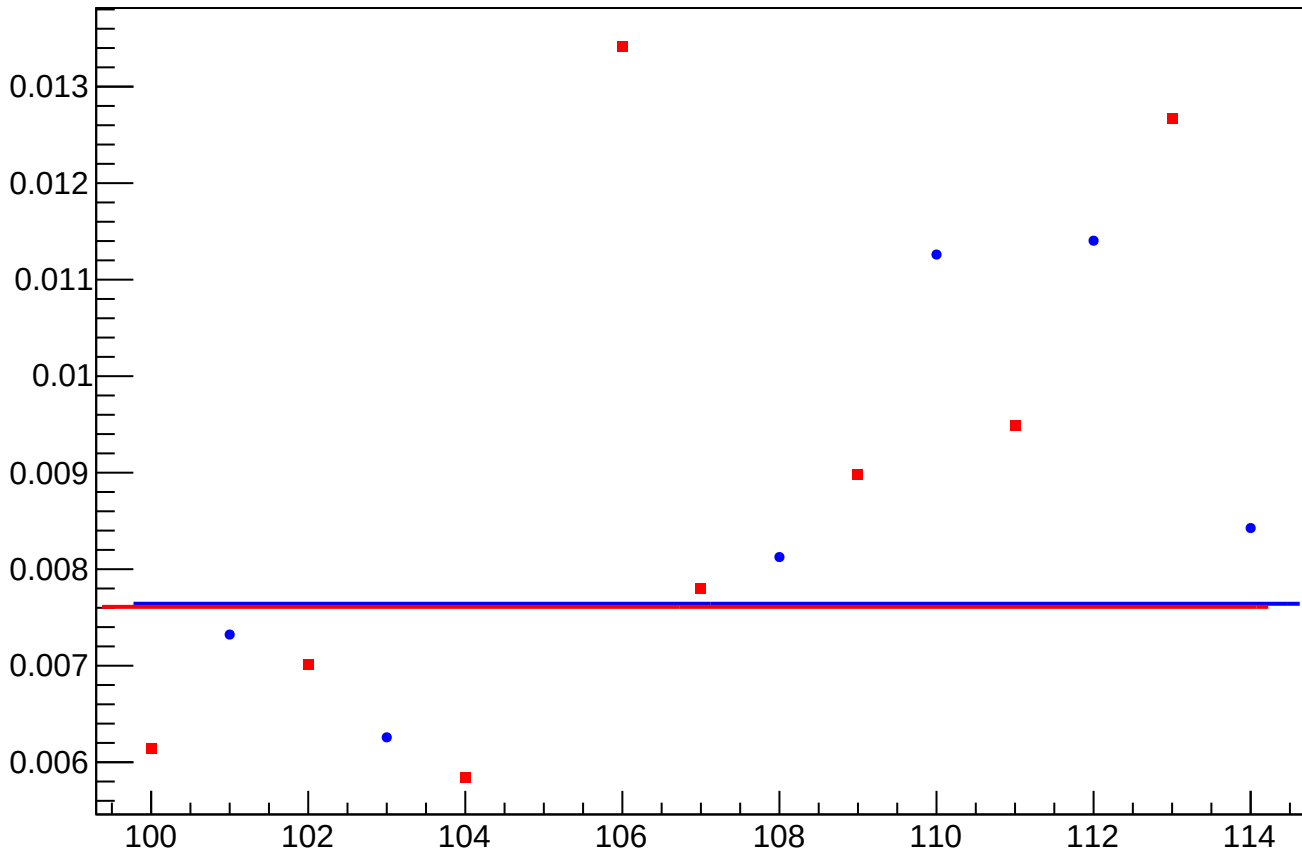
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.509+/-0.000 χ^2/NDF : 7929300552.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 212760.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 351716.9/7

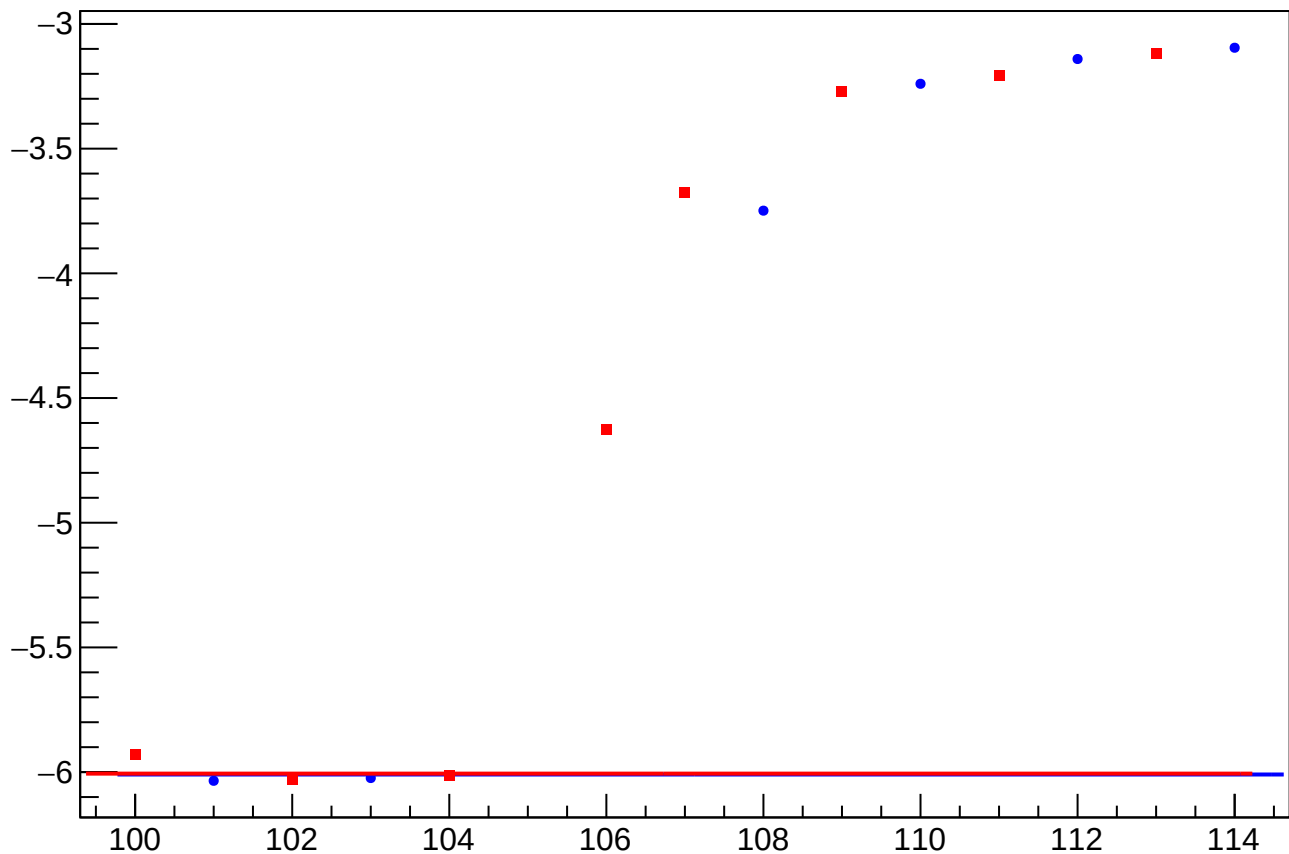
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 564521.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



Right In: -6.010+/-0.000 χ^2/NDF : 2361829044.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.006+/-0.000 χ^2/NDF : 1495628726.7/7

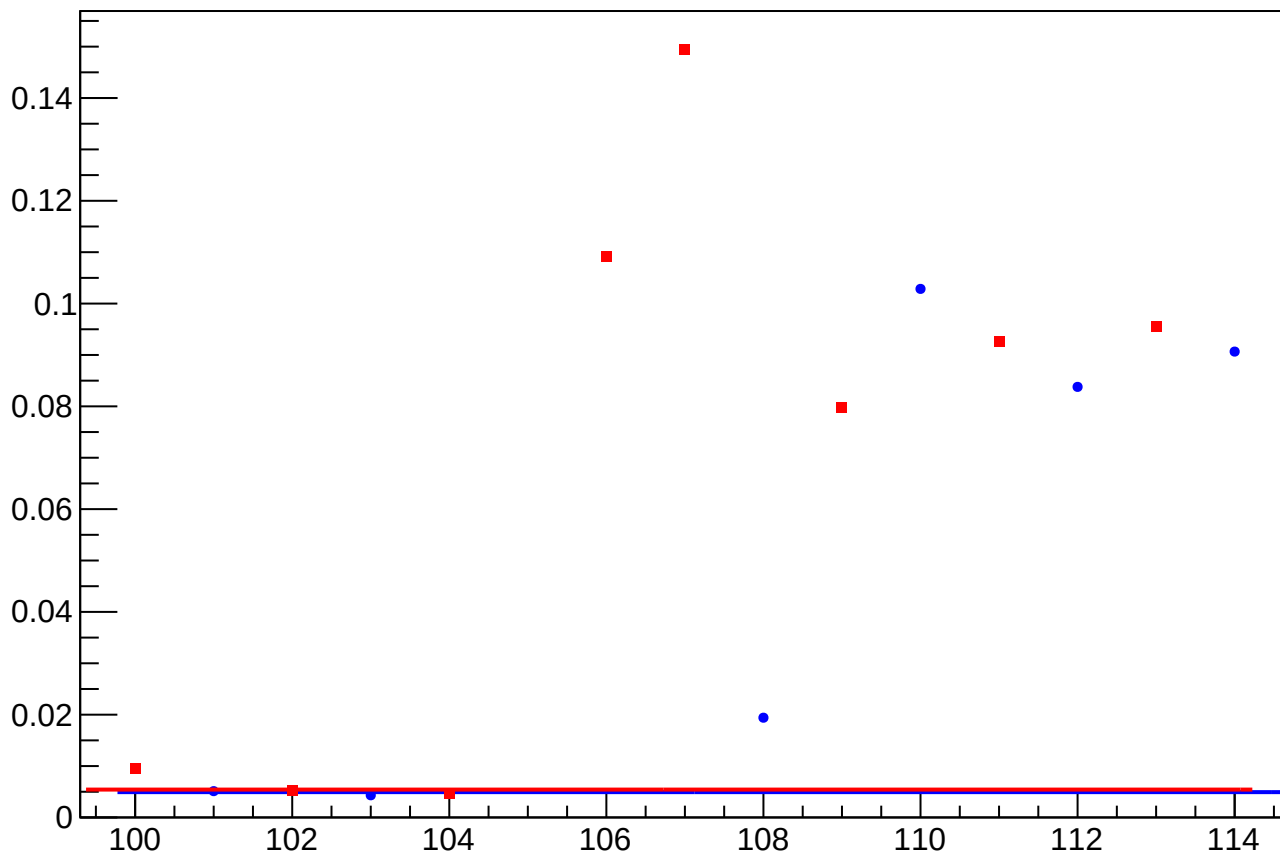
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.008+/-0.000 χ^2/NDF : 3857737767.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1773881.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3397967.5/7

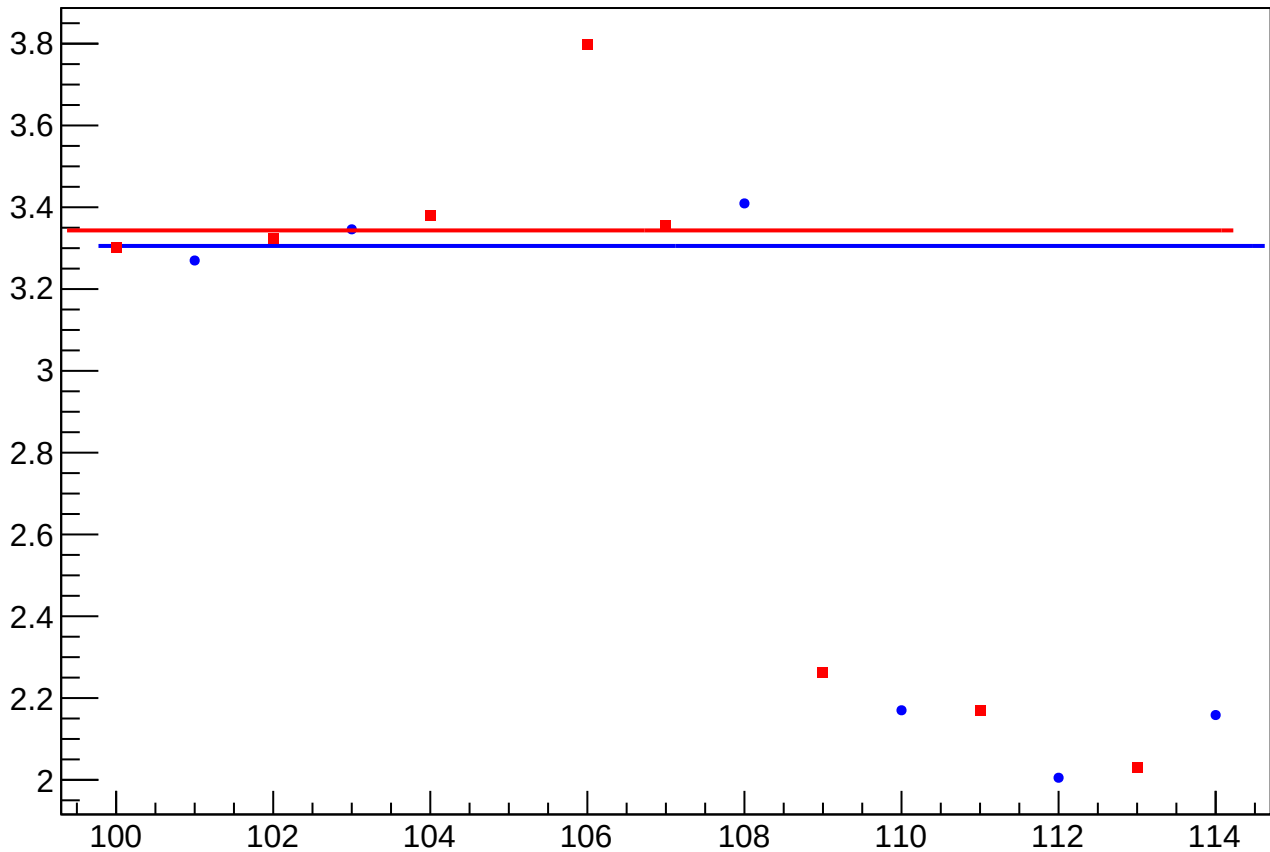
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5183088.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.305 $\pm$ 0.000 χ^2 /NDF: 208352814.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.343 $\pm$ 0.000 χ^2 /NDF: 260836385.0/7

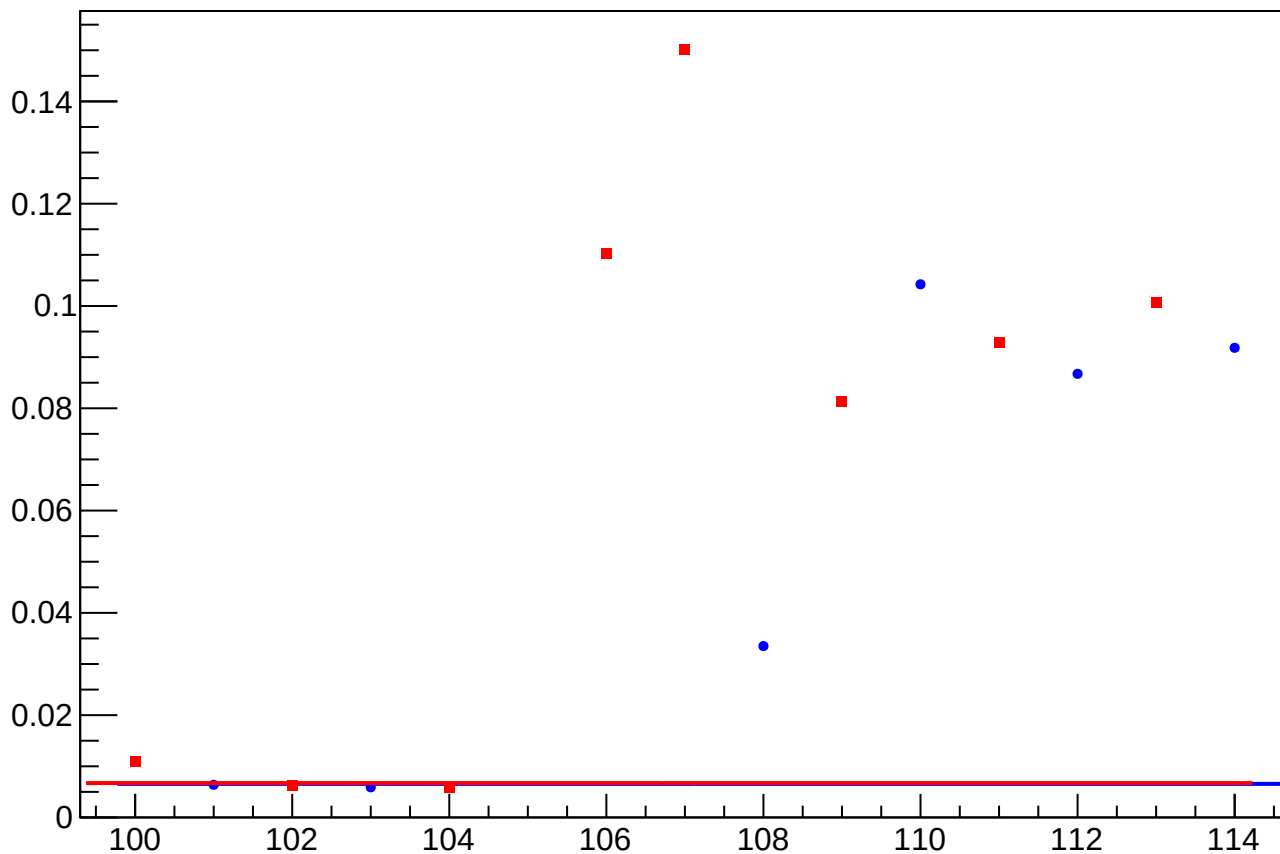
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.324 $\pm$ 0.000 χ^2 /NDF: 490333829.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1802963.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 3298881.5/7

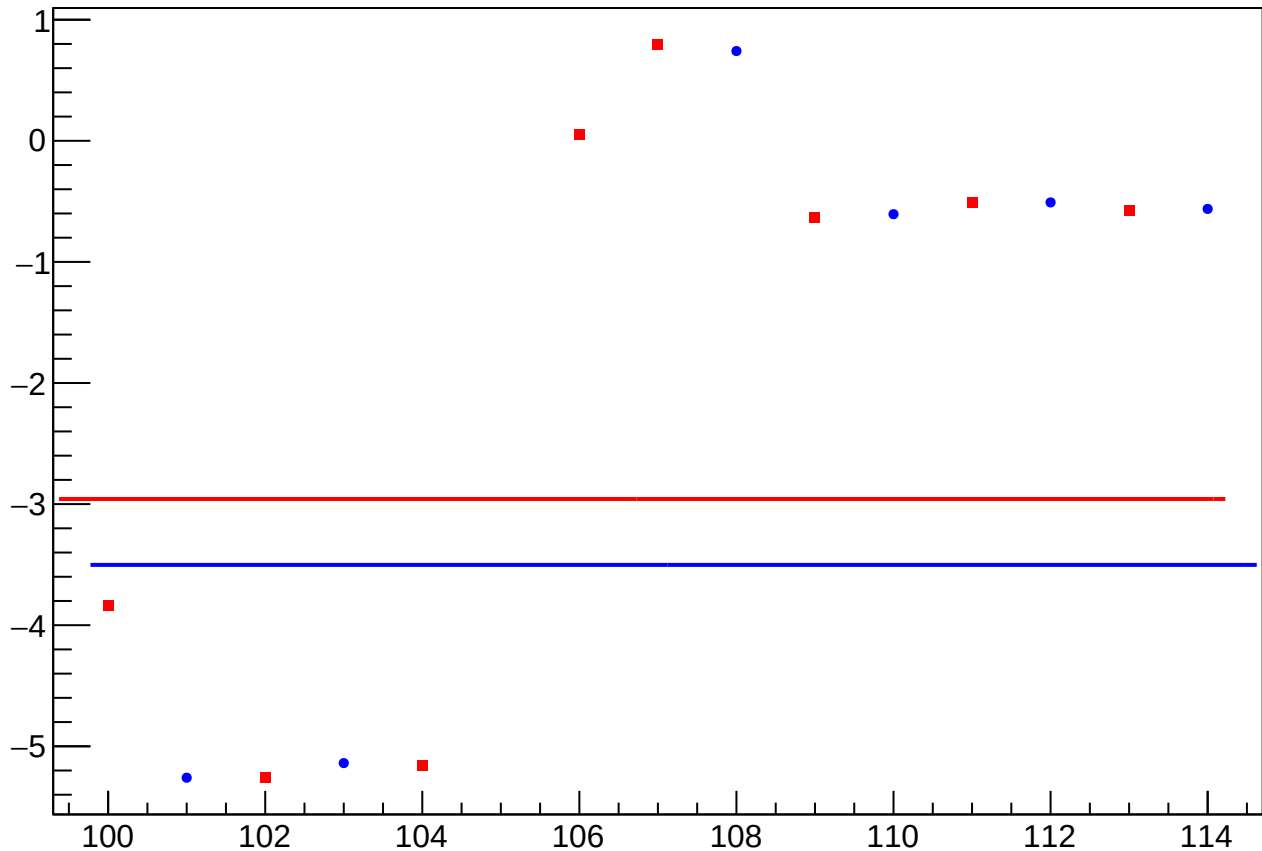
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5102558.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -3.502+/-0.000 χ^2/NDF : 77508708914.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.958+/-0.000 χ^2/NDF : 93021293196.0/7

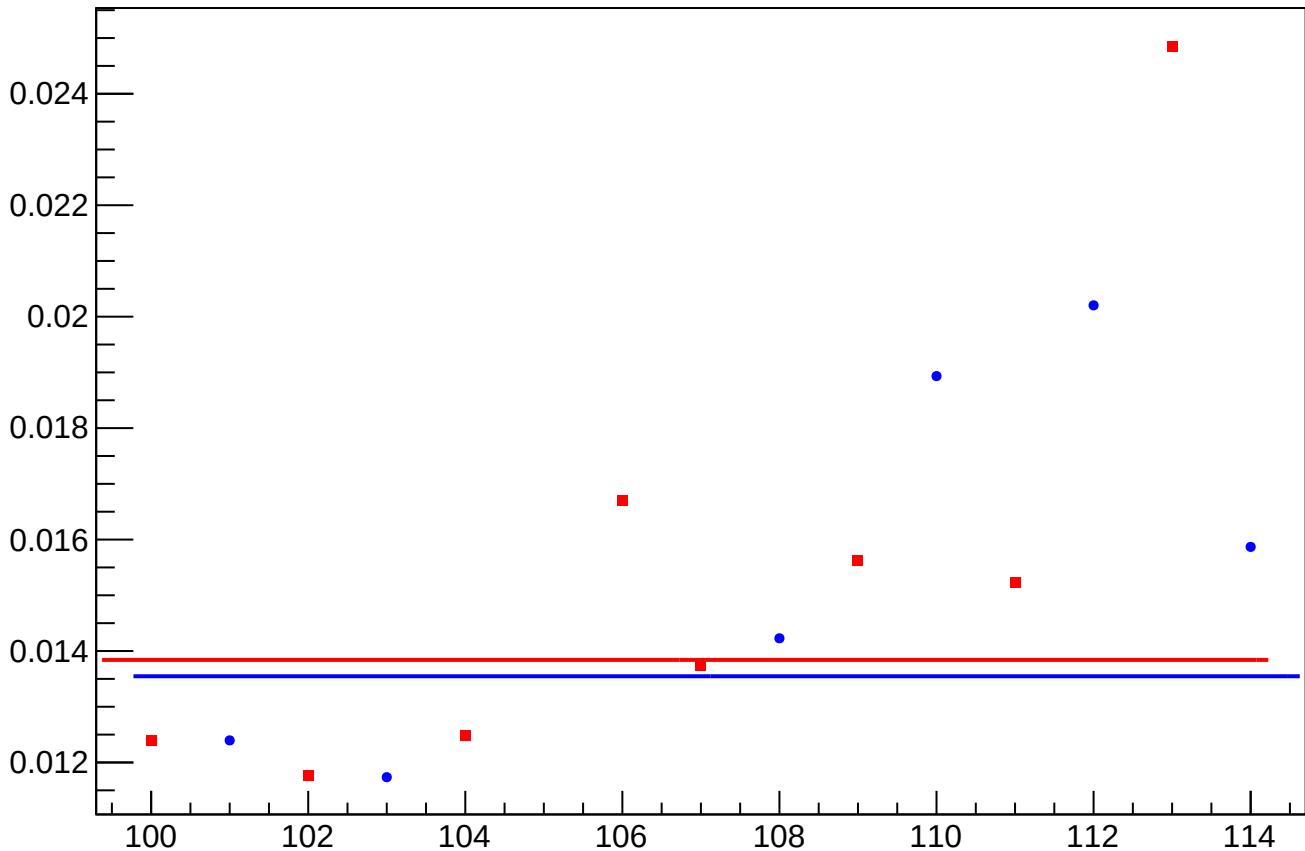
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.205+/-0.000 χ^2/NDF : 172557961410.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 172236.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 218543.1/7

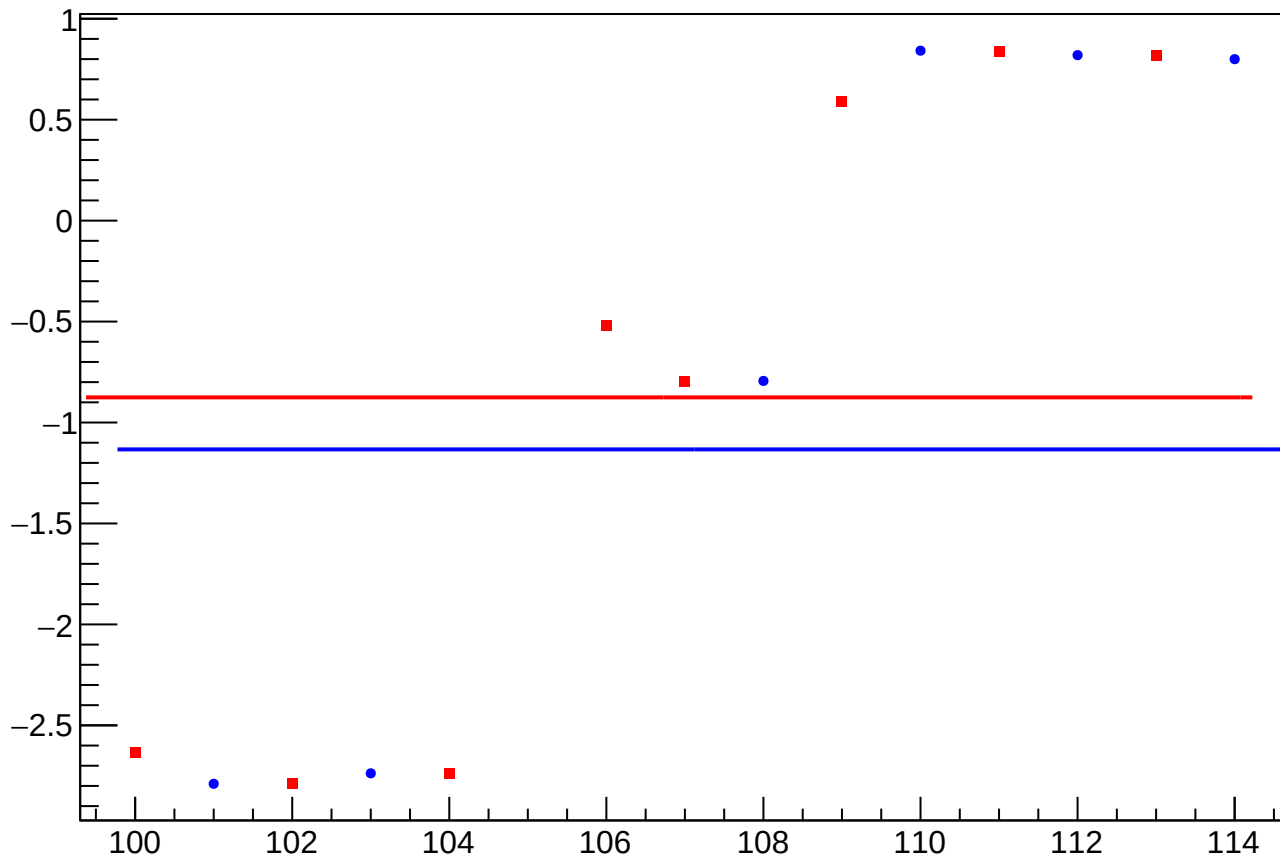
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 391959.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug



Right In: -1.133+/-0.000 χ^2/NDF : 450359706156.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.875+/-0.000 χ^2/NDF : 582110080851.9/7

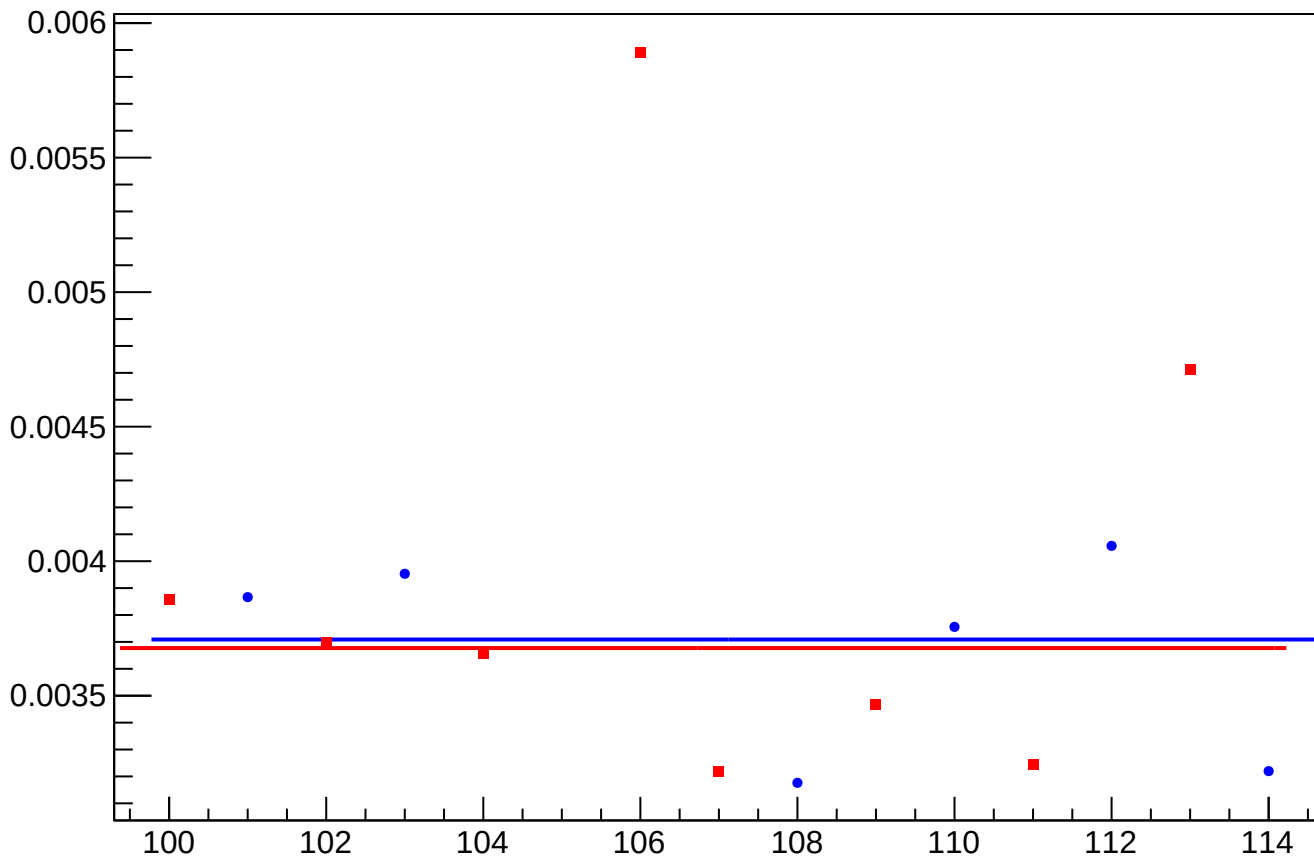
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.991+/-0.000 χ^2/NDF : 1039075748263

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 40351.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 147121.1/7

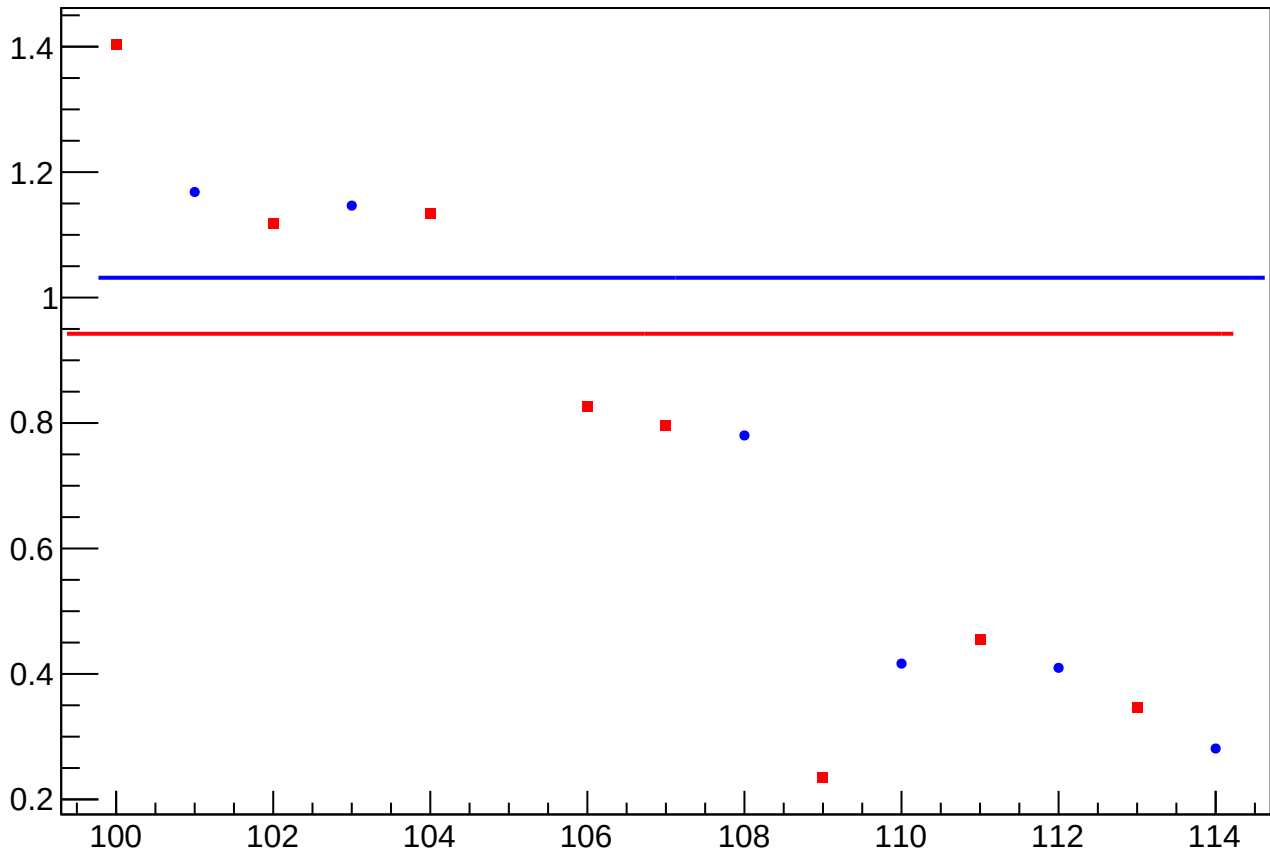
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 187673.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 1.032 $\pm$ 0.000 χ^2 /NDF: 6147749539.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.942 $\pm$ 0.000 χ^2 /NDF: 10538190829.3/7

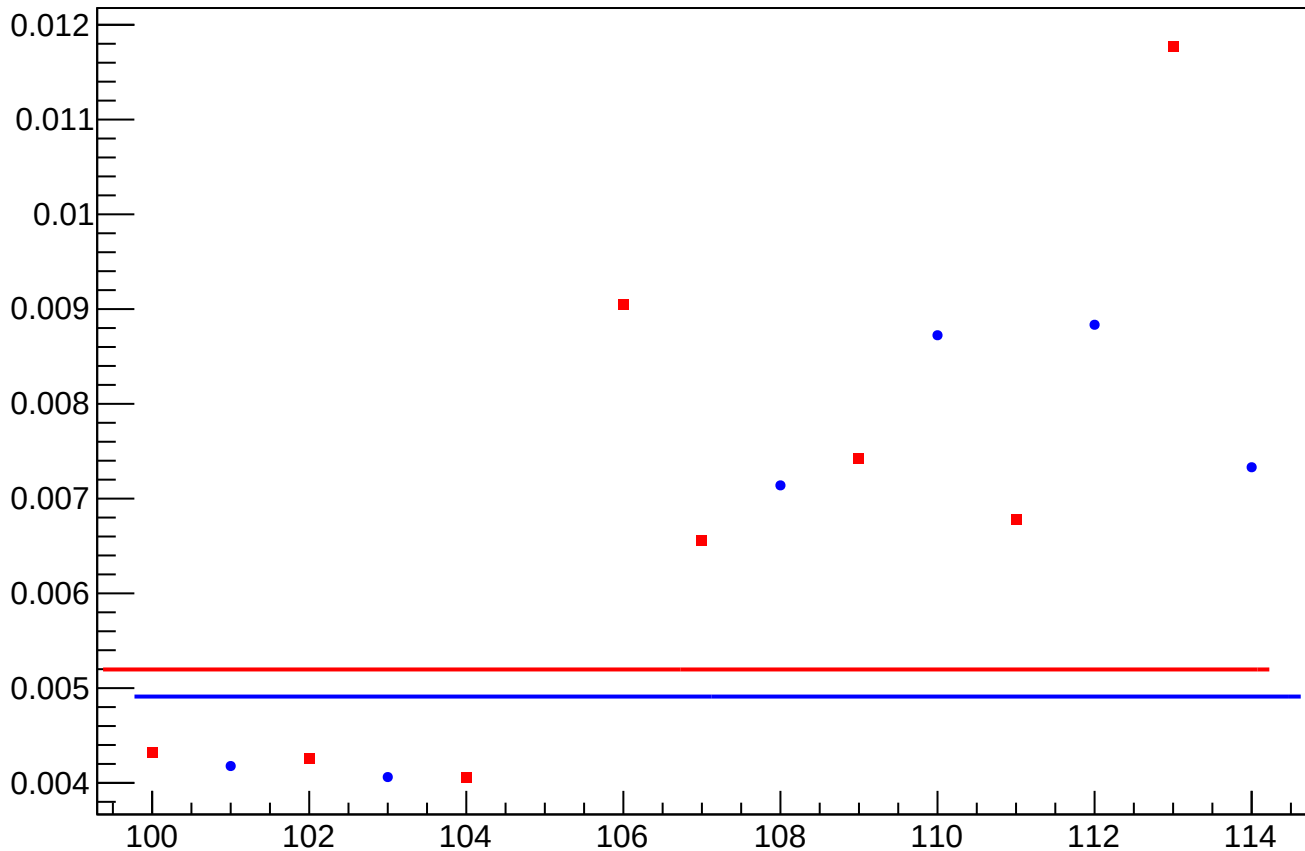
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.985 $\pm$ 0.000 χ^2 /NDF: 17056109850.7/1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 452633.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 597761.3/7

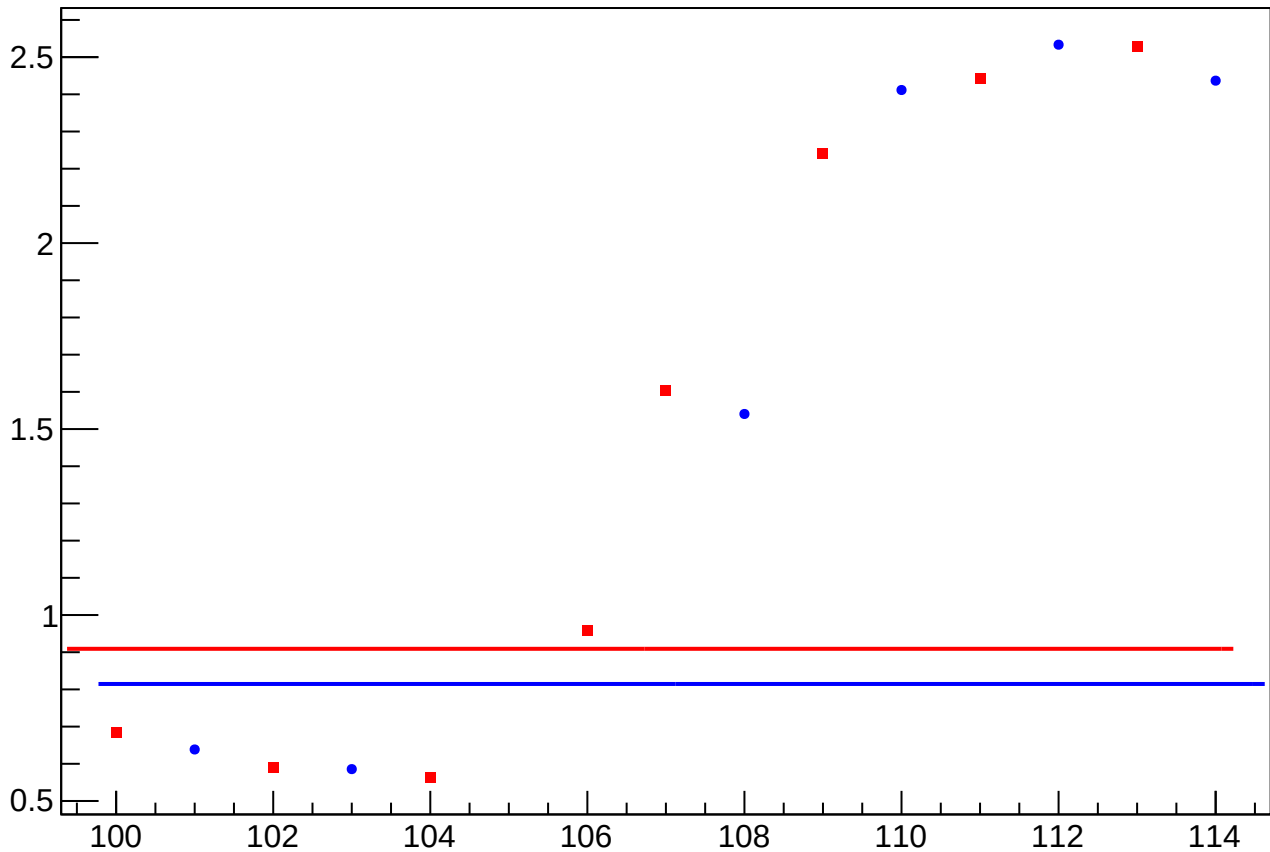
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1057981.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 0.815+/-0.000 χ^2/NDF : 28708231297.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.909+/-0.000 χ^2/NDF : 48566491332.0/7

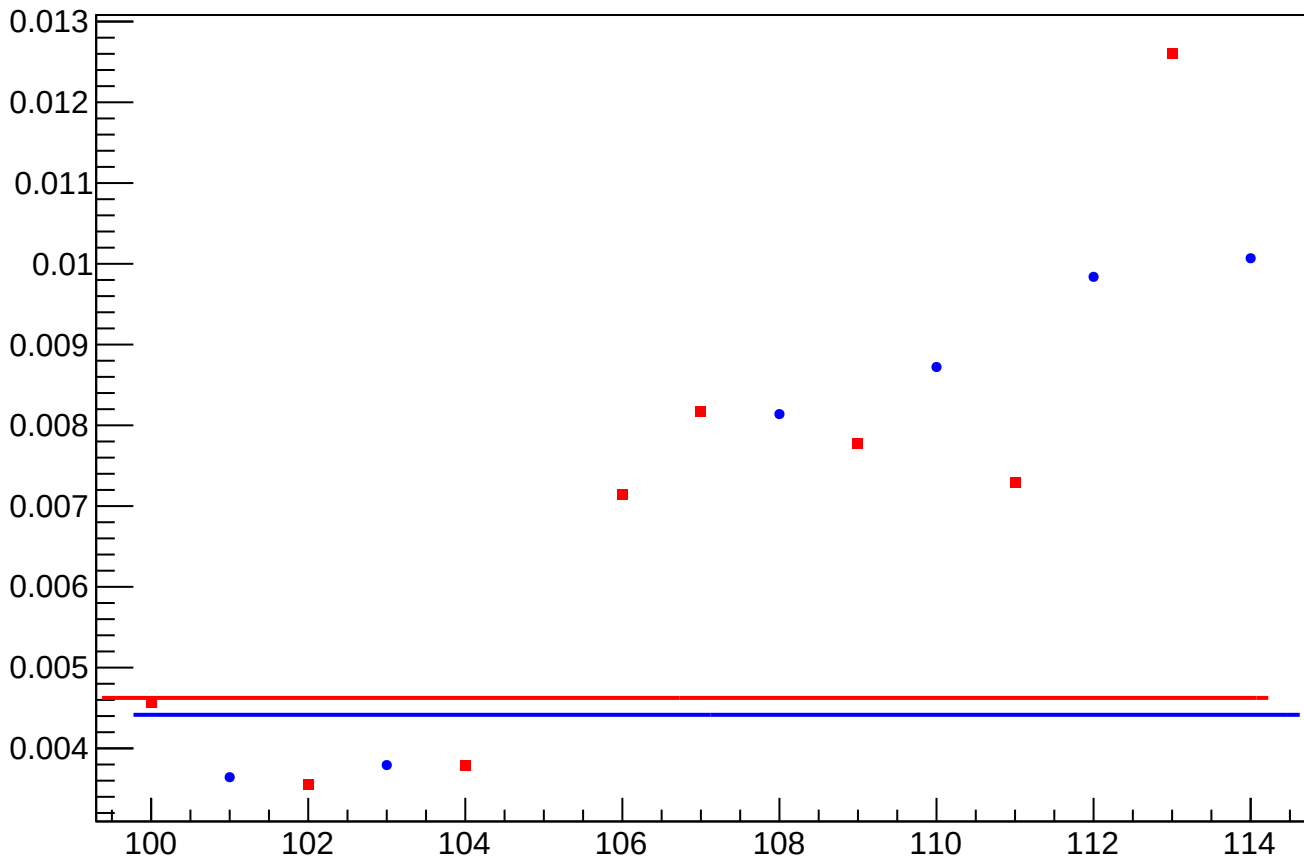
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.864+/-0.000 χ^2/NDF : 77750857169.5/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 652066.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 789647.7/7

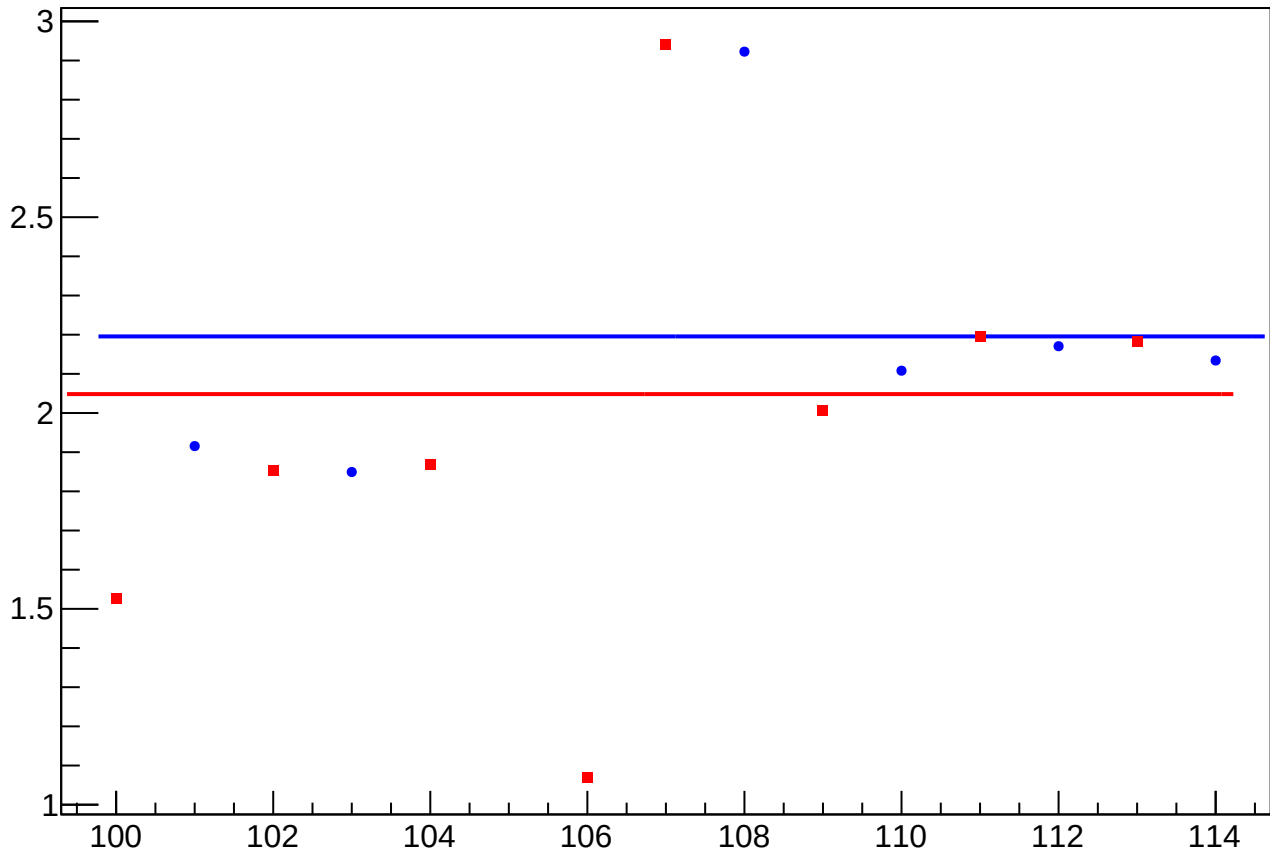
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1446381.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.196+/-0.000 χ^2/NDF : 7573826072.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.048+/-0.000 χ^2/NDF : 11175274615.1/7

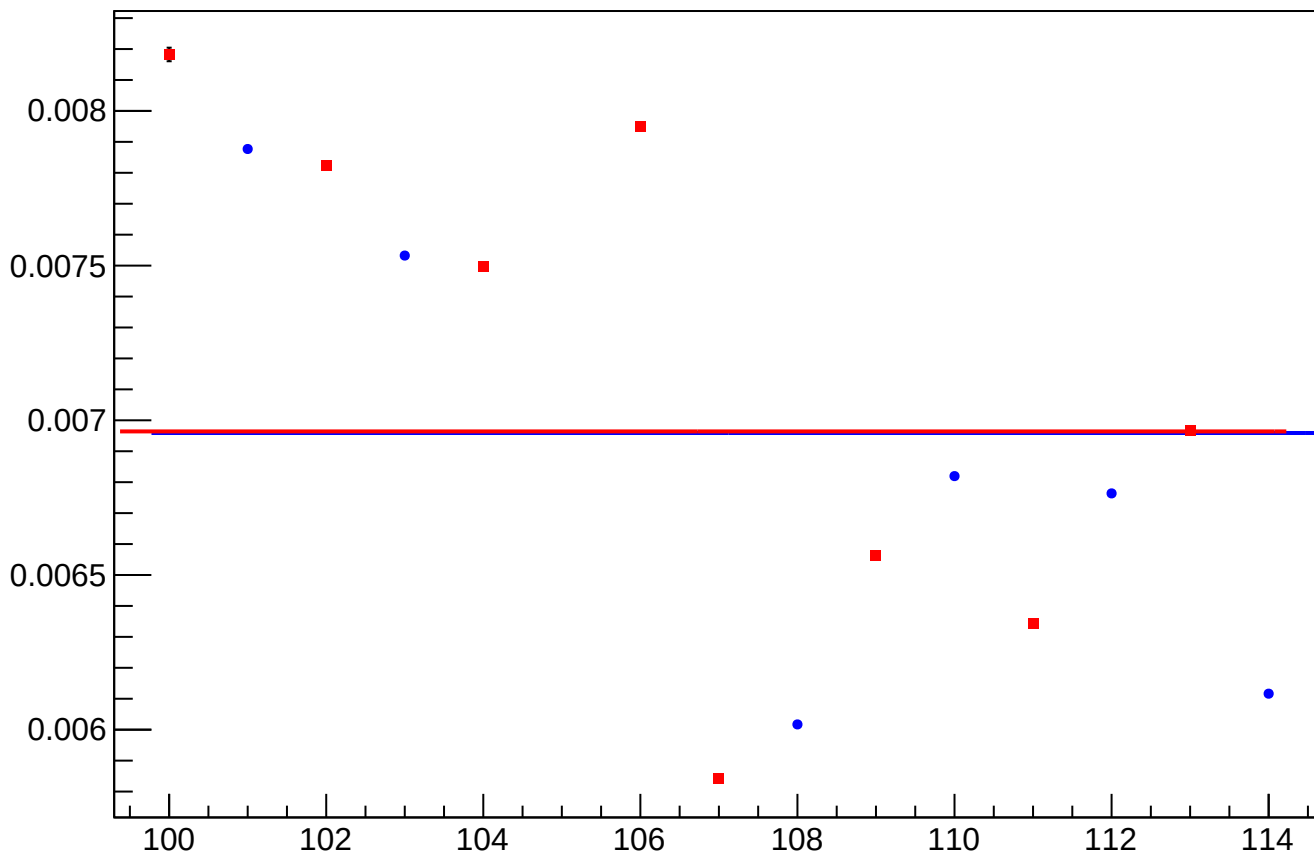
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.114+/-0.000 χ^2/NDF : 19362780908.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 47445.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 61675.0/7

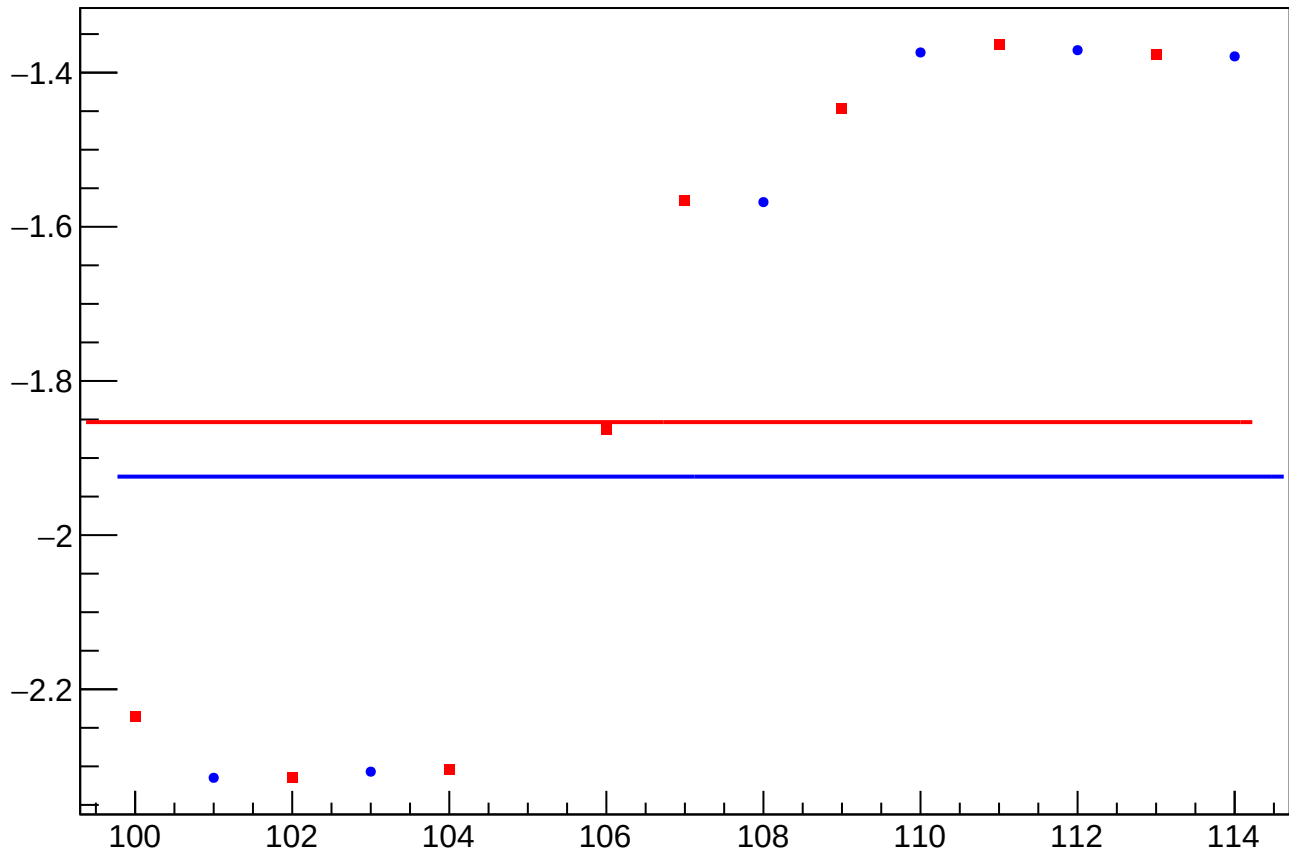
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 109122.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -1.924+/-0.000 χ^2/NDF : 71460914625.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.853+/-0.000 χ^2/NDF : 82232983067.6/7

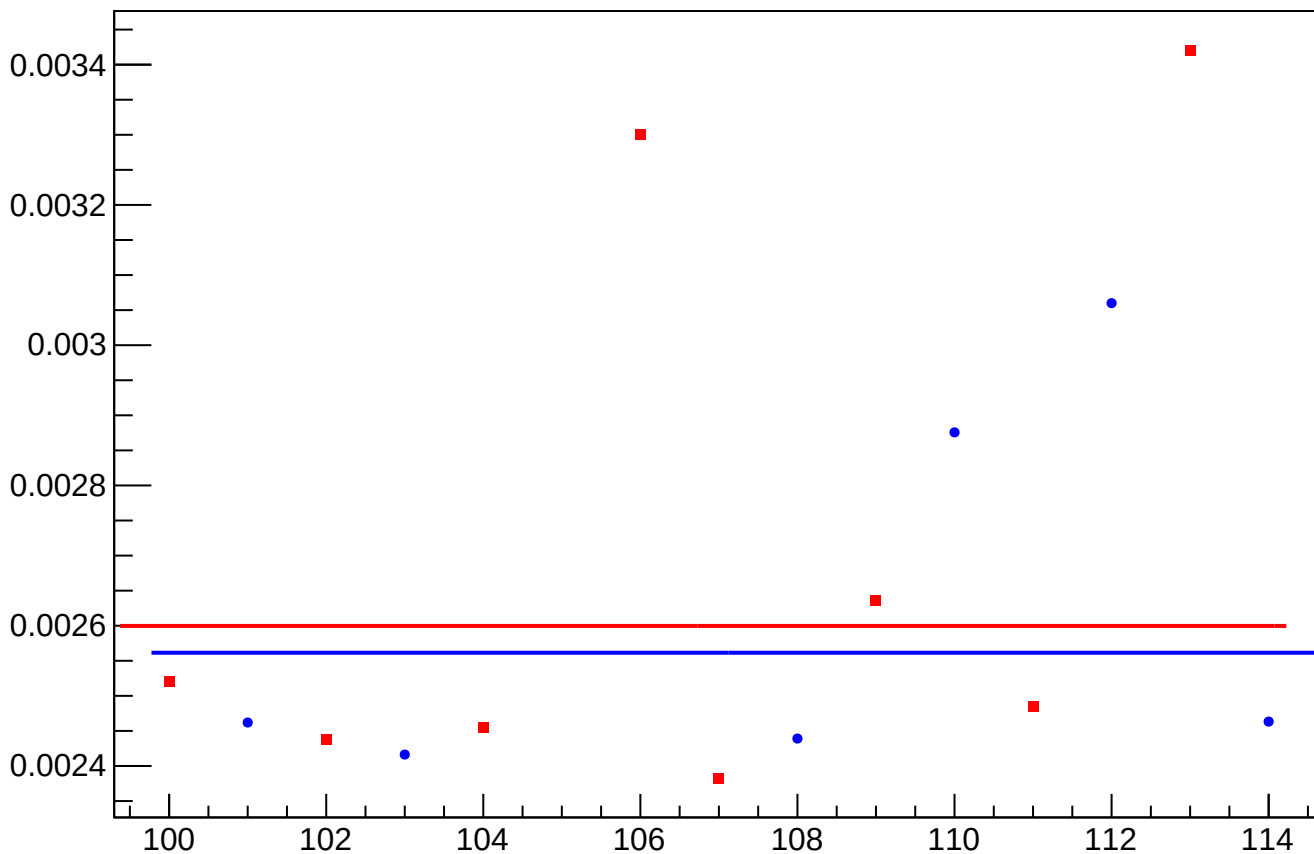
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.886+/-0.000 χ^2/NDF : 154724268847.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 39554.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 85996.1/7

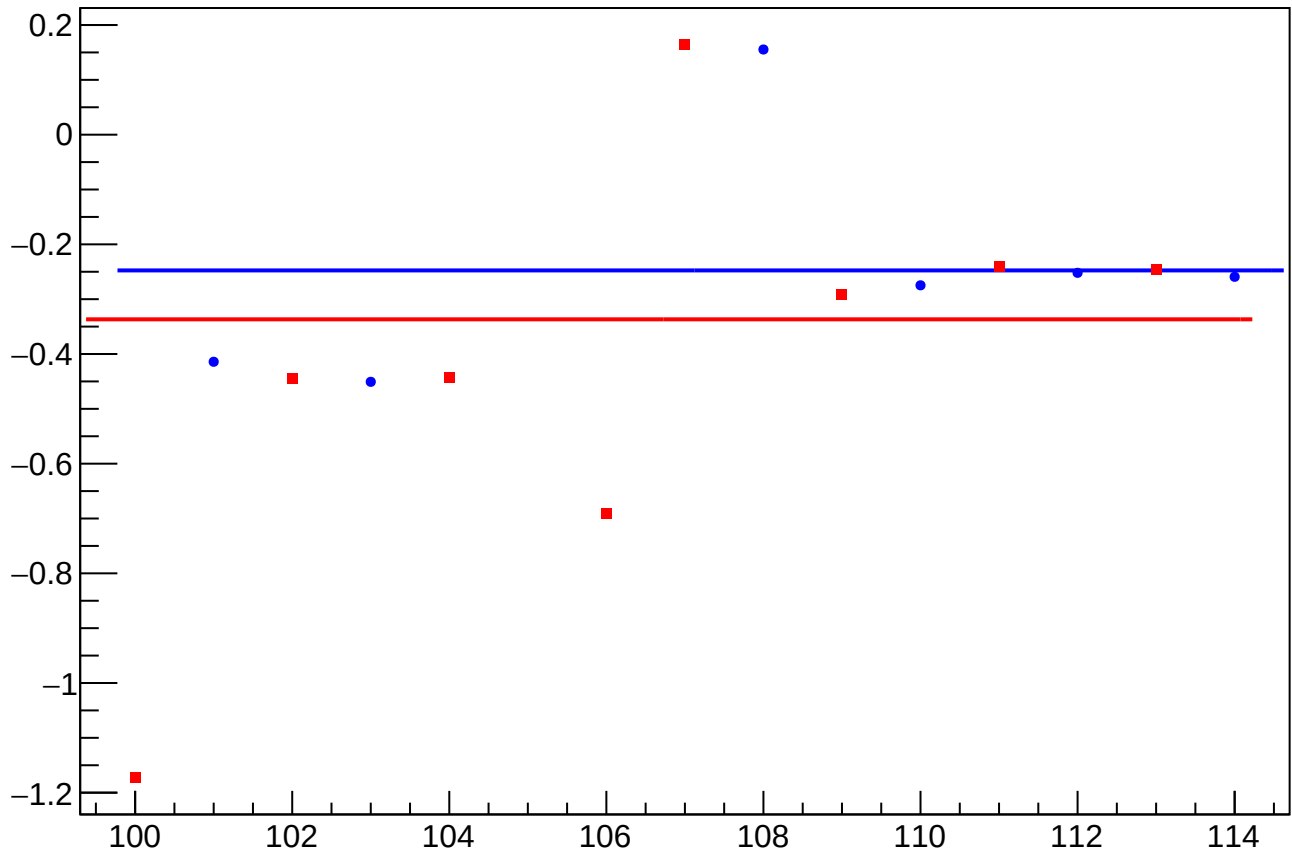
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 126152.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.248+/-0.000 χ^2/NDF : 852288348.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

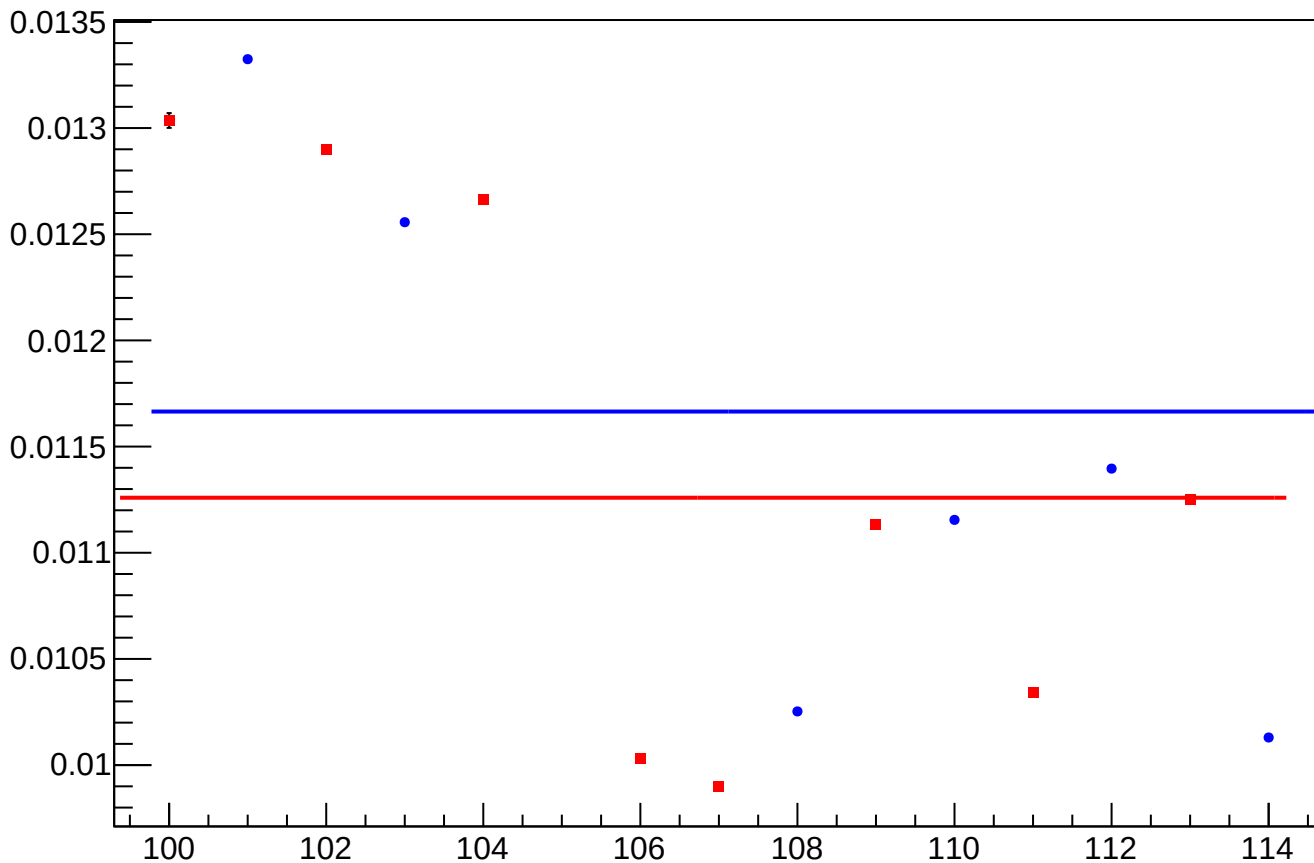
Right Out: -0.337+/-0.000 χ^2/NDF : 1429923274.1/7

All: -0.298+/-0.000 χ^2/NDF : 2367120556.8/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 47691.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 60668.7/7

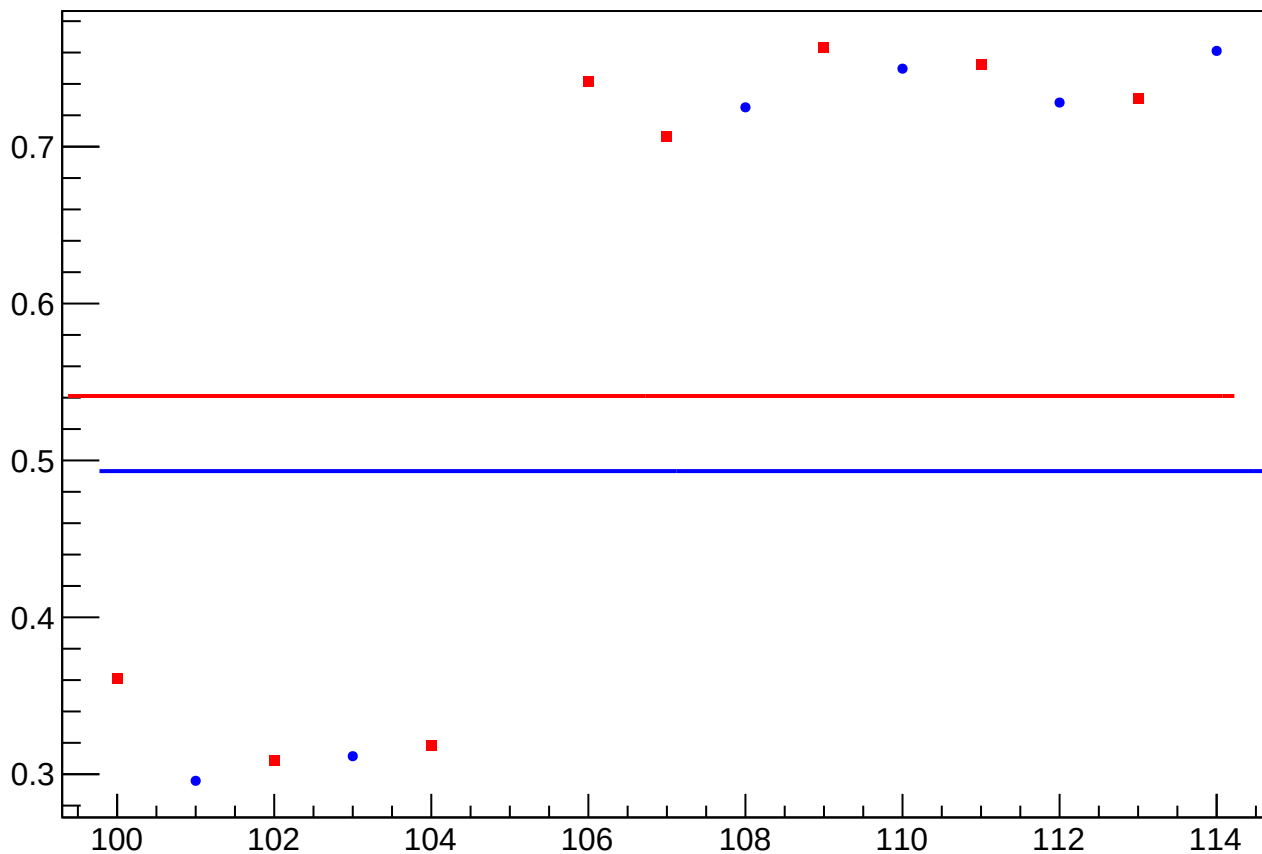
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 111875.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07Y_mean vs Slug



Right In: 0.493+/-0.000 χ^2/NDF : 17532647671.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.541+/-0.000 χ^2/NDF : 20182962992.9/7

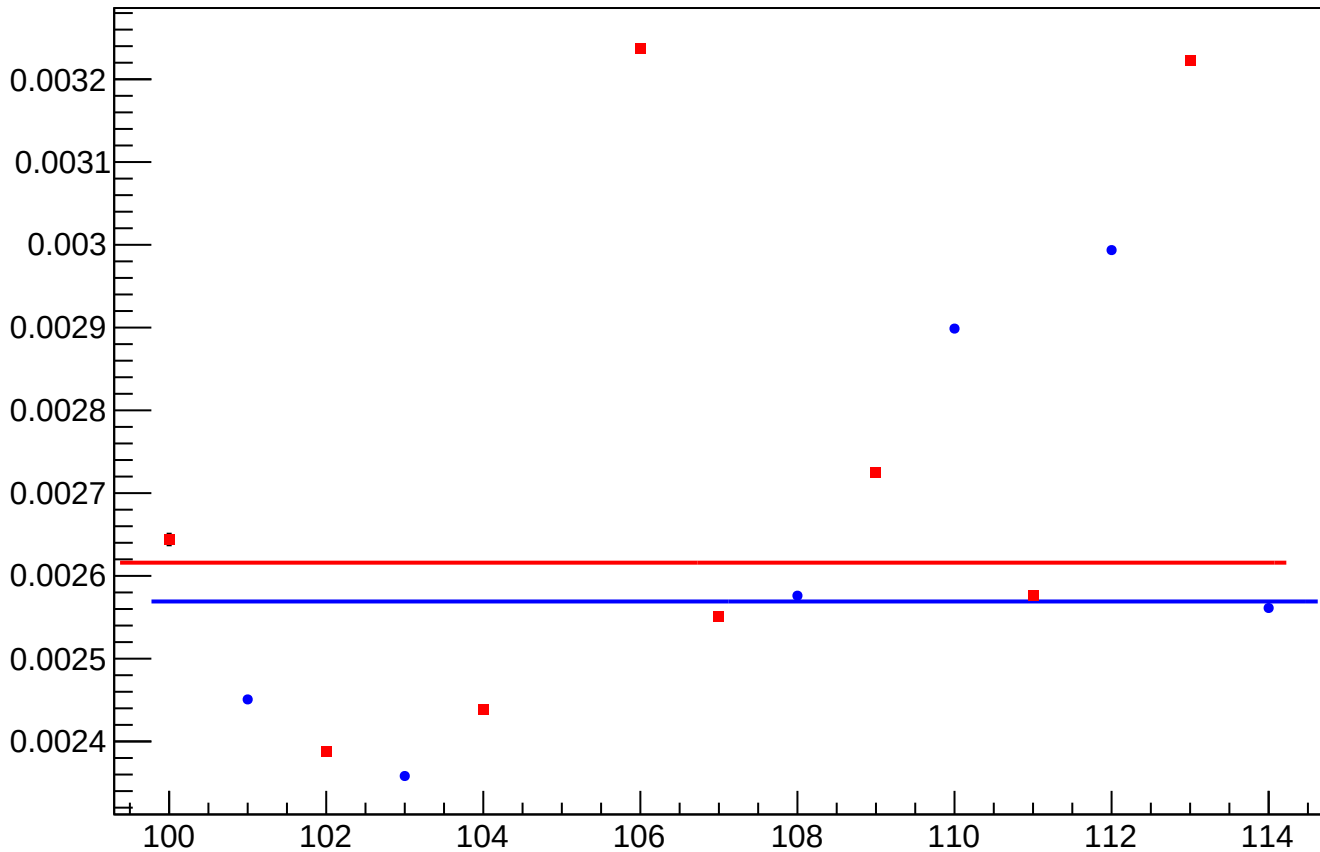
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.519+/-0.000 χ^2/NDF : 38182968249.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 39554.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 65508.6/7

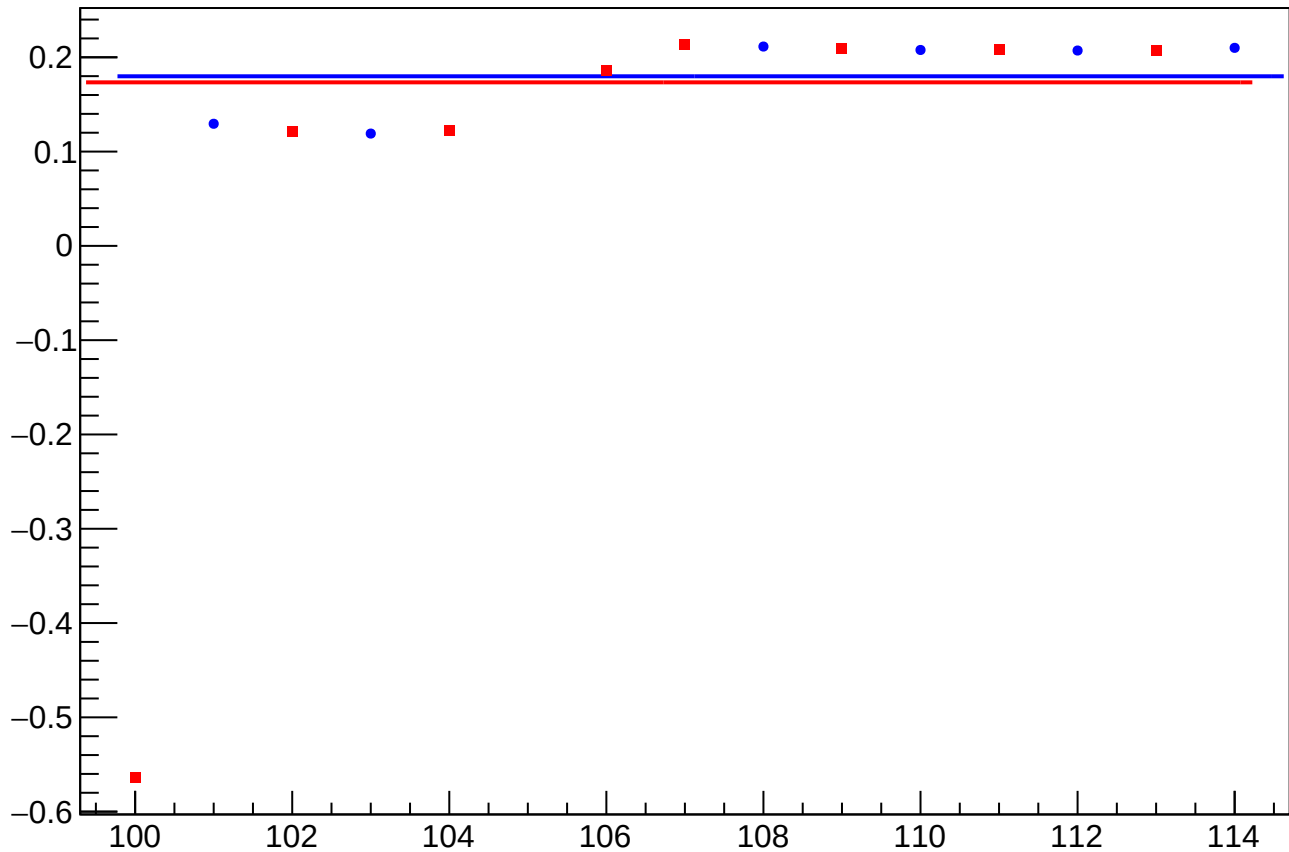
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 105959.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug



Right In: 0.180+/-0.000 χ^2/NDF : 39621671.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.173+/-0.000 χ^2/NDF : 322268648.8/7

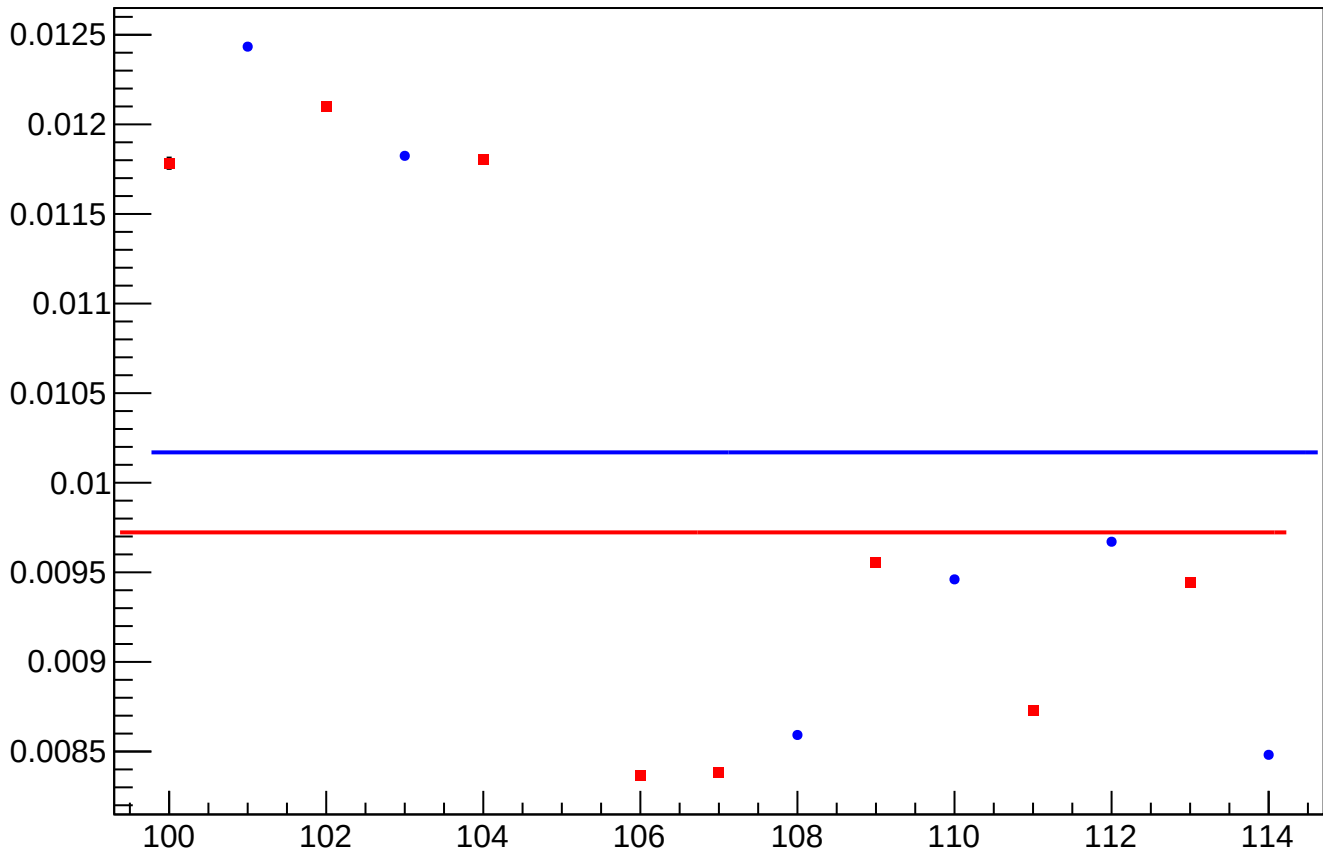
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.176+/-0.000 χ^2/NDF : 362467632.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 106925.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 125005.7/7

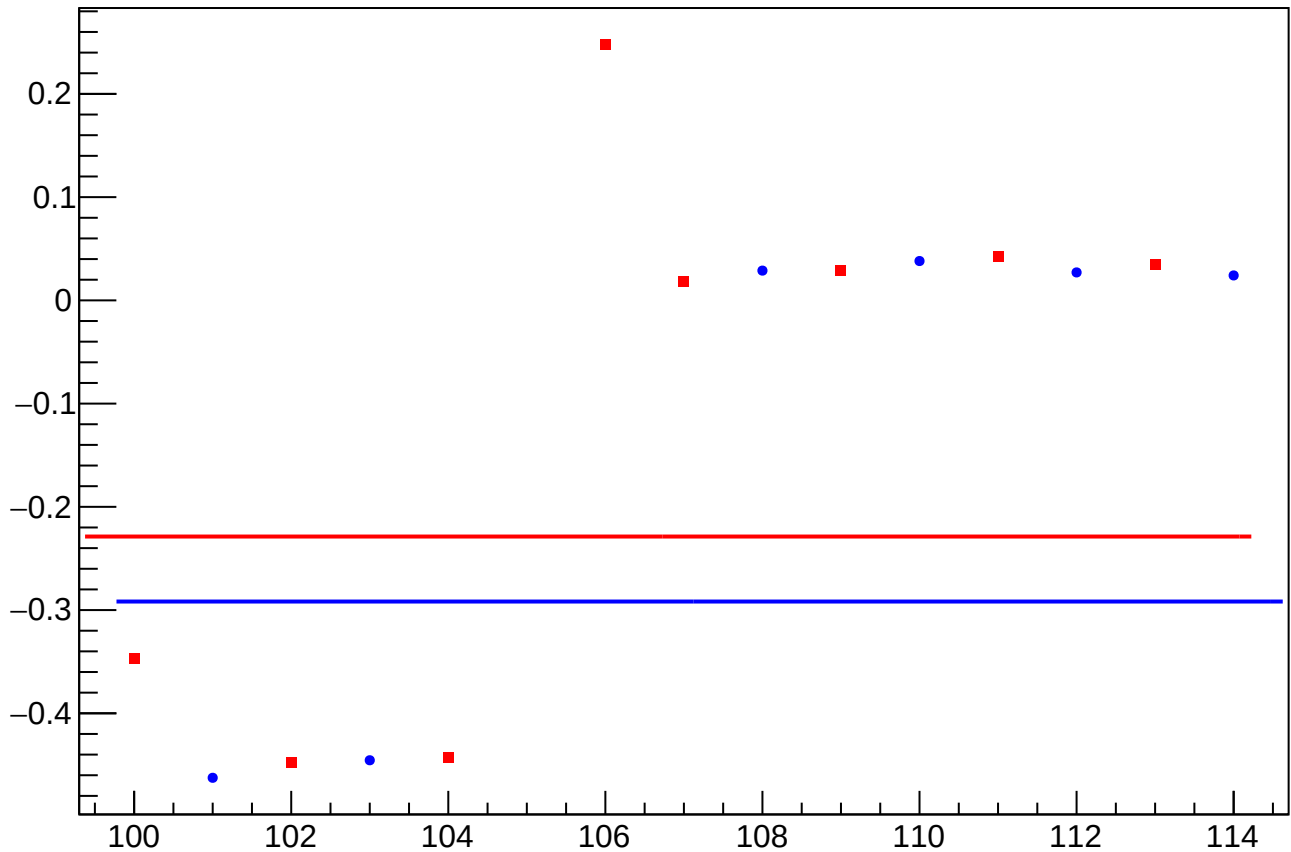
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 237502.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.292+/-0.000 χ^2/NDF : 7529779980.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

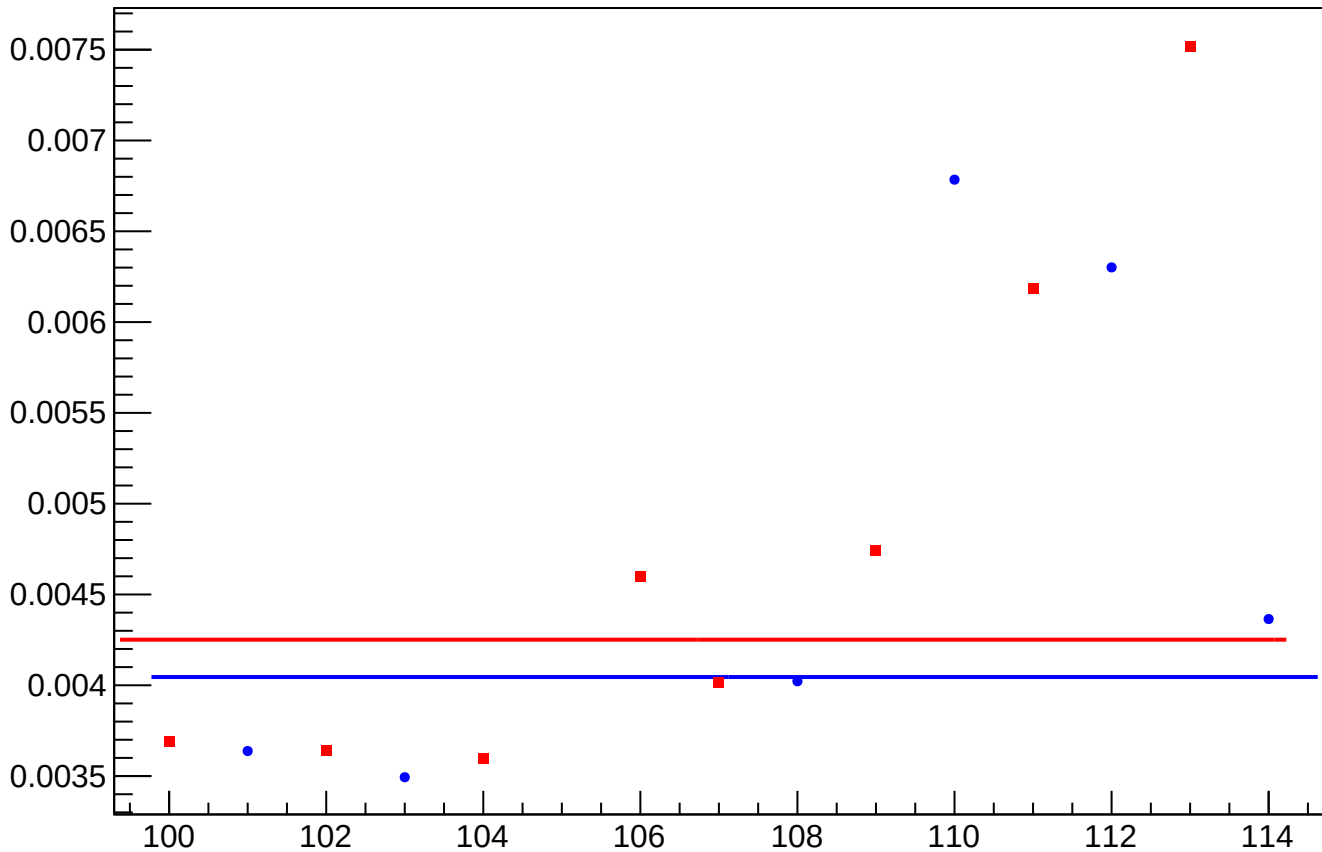
Right Out: -0.229+/-0.000 χ^2/NDF : 10080882642.7/7

All: -0.259+/-0.000 χ^2/NDF : 17908661453.6/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 267085.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 329820.0/7

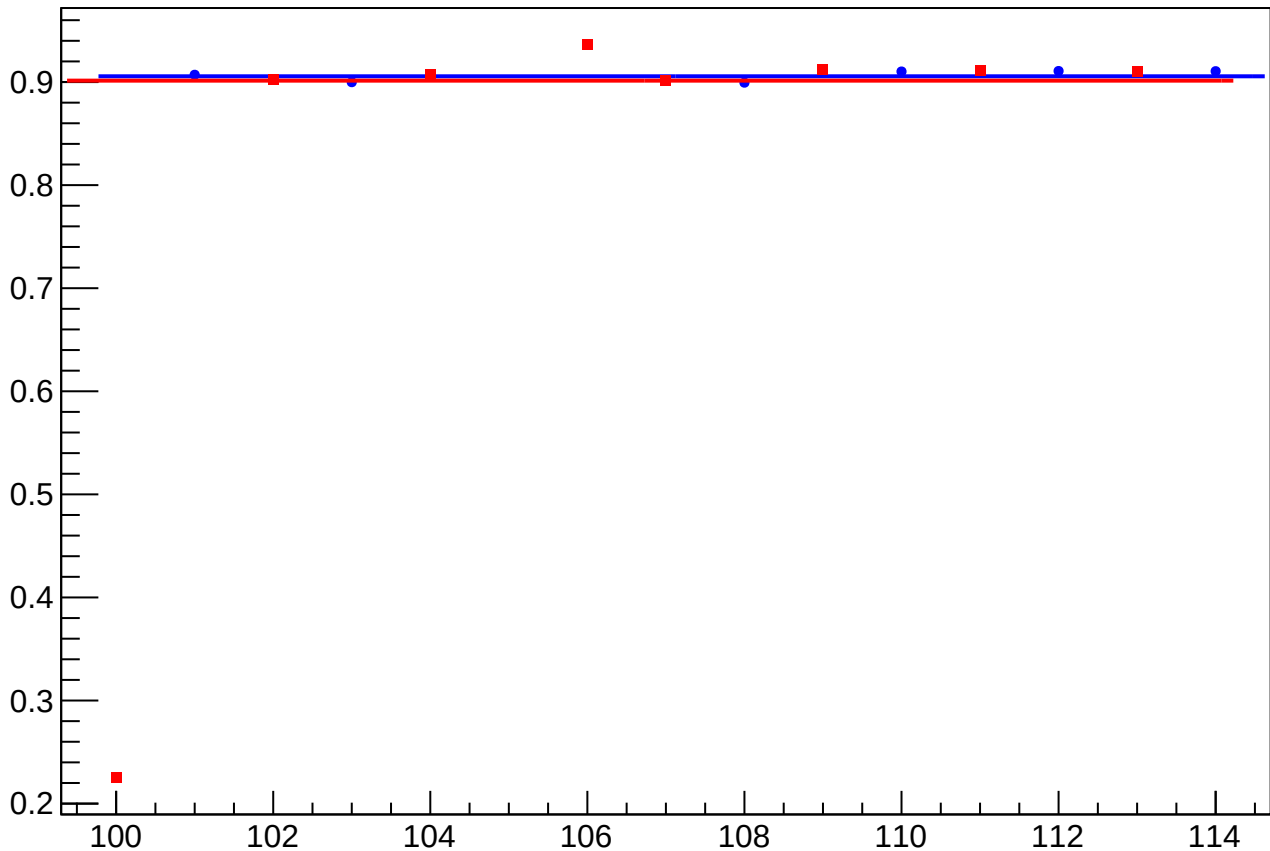
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 603268.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.906 $\pm$ 0.000 χ^2 /NDF: 487568.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.901 $\pm$ 0.000 χ^2 /NDF: 216519306.2/7

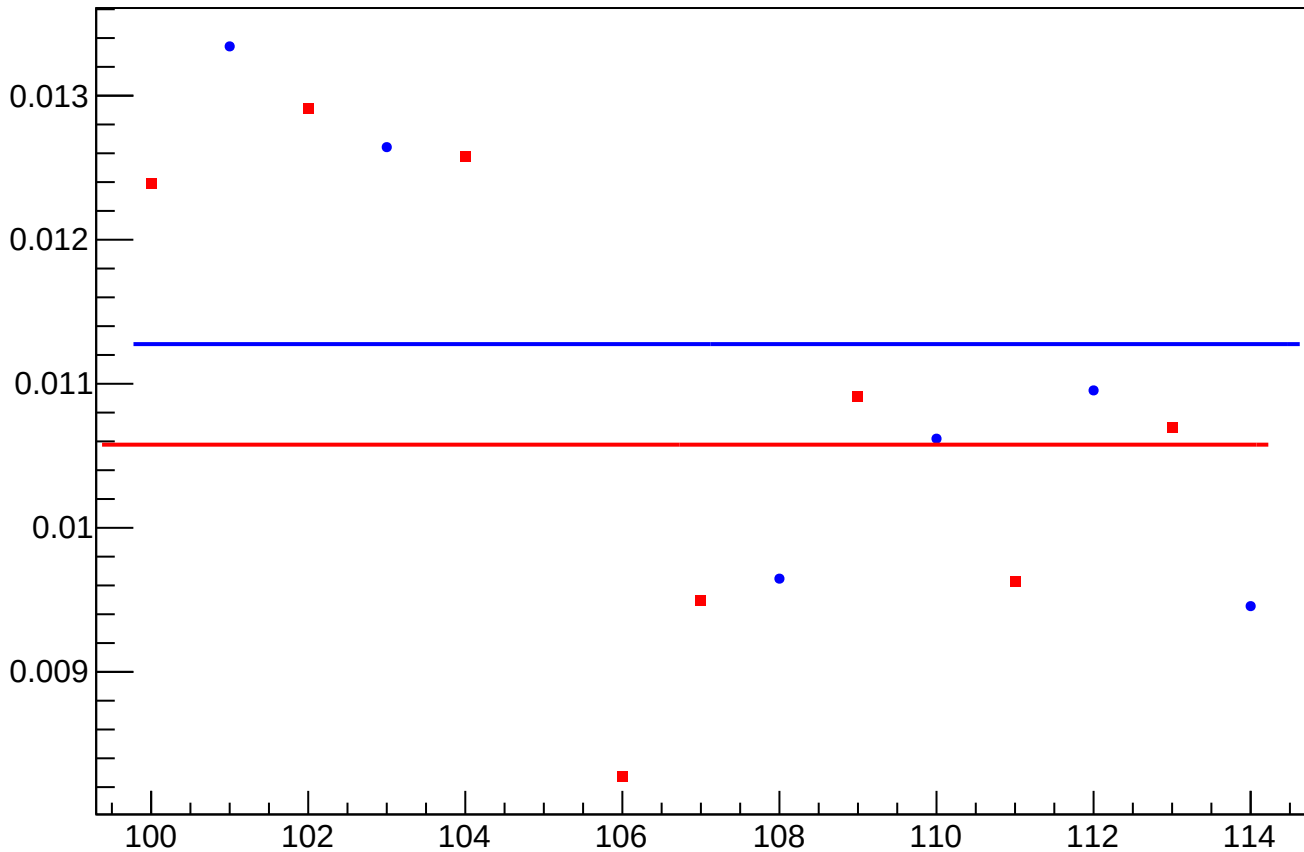
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.903 $\pm$ 0.000 χ^2 /NDF: 217211502.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 78063.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 133379.8/7

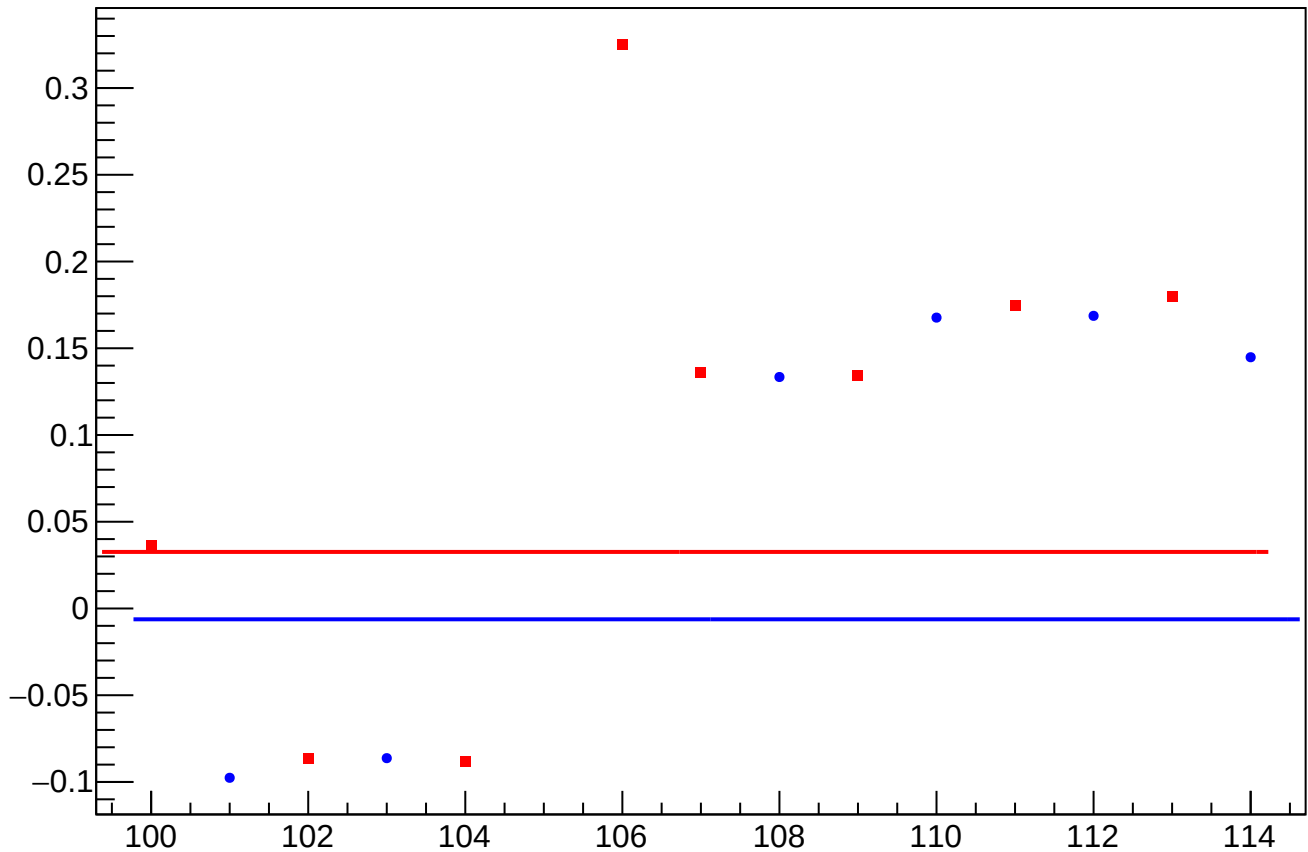
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 222682.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: -0.006+/-0.000 χ^2/NDF : 1620214791.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 2473906185.5/7

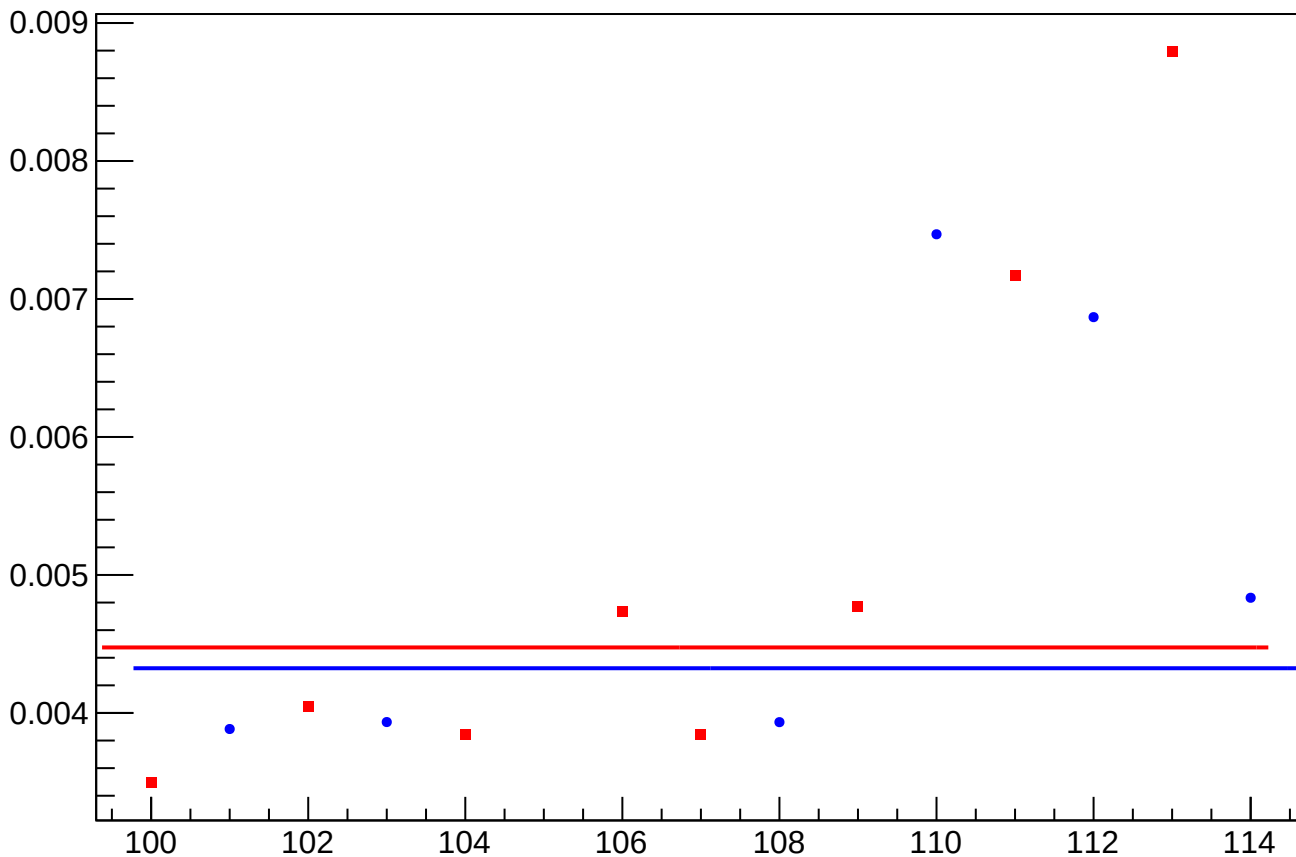
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 4191391594.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 261986.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 383644.1/7

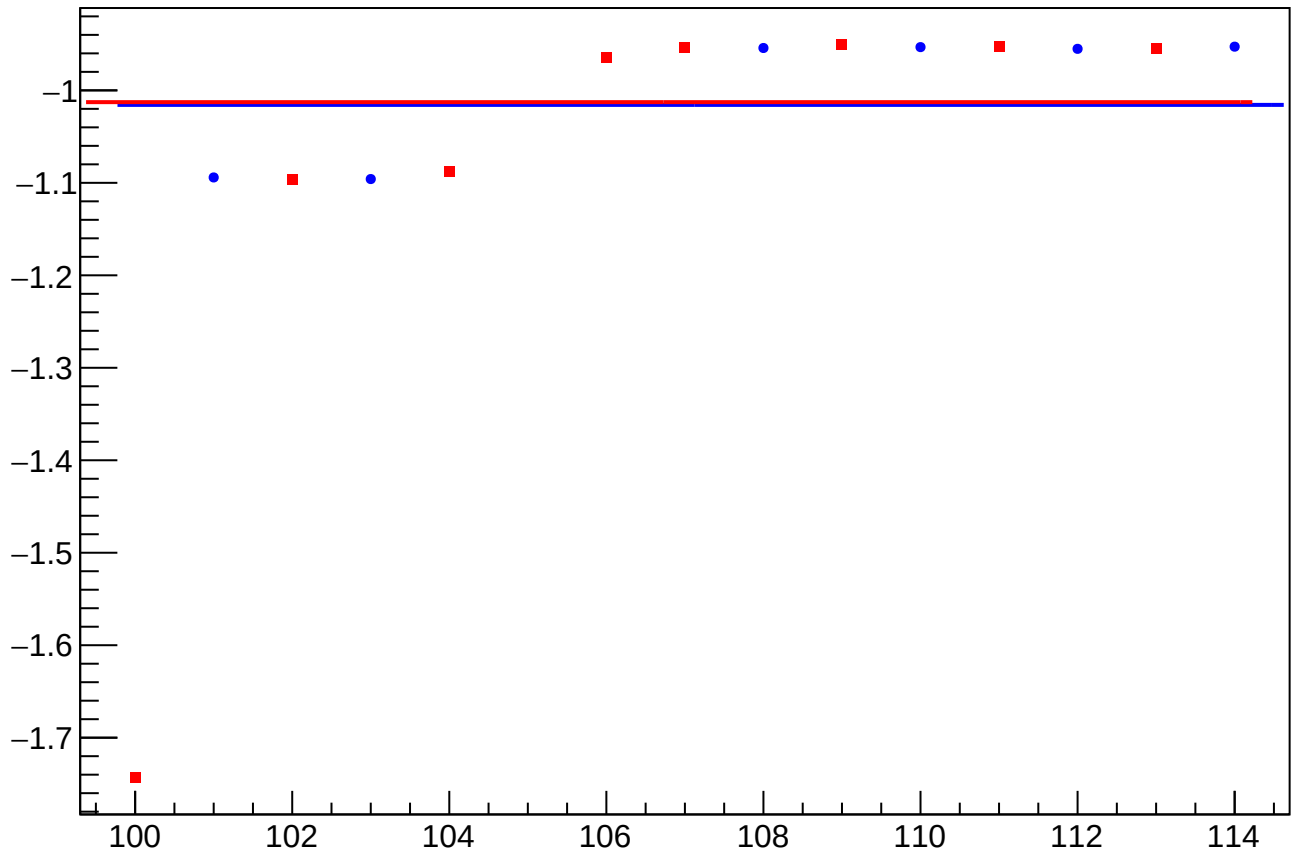
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 648558.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug



Right In: -1.016+/-0.000 χ^2/NDF : 90140838.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.013+/-0.000 χ^2/NDF : 387877475.3/7

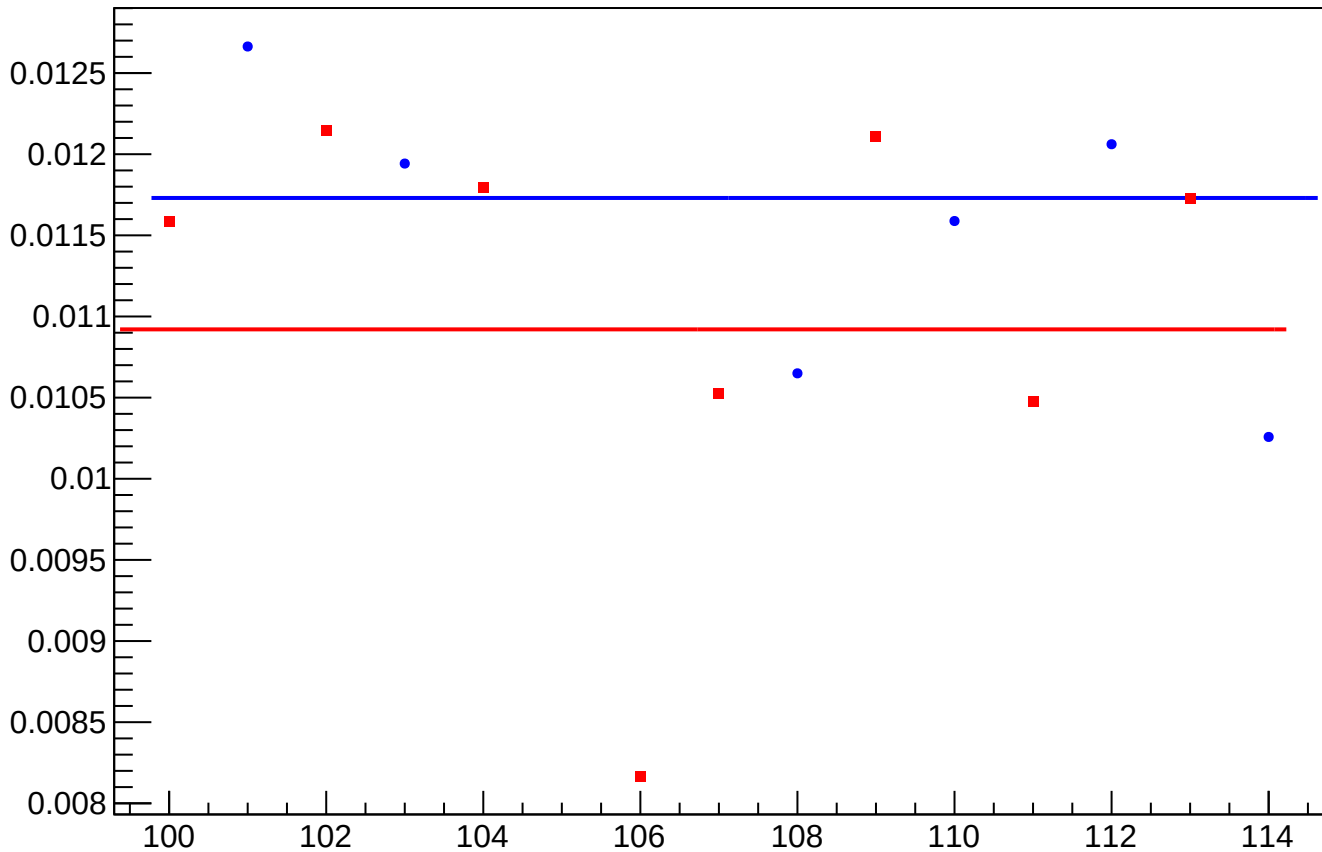
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.014+/-0.000 χ^2/NDF : 478113185.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 20634.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 106344.8/7

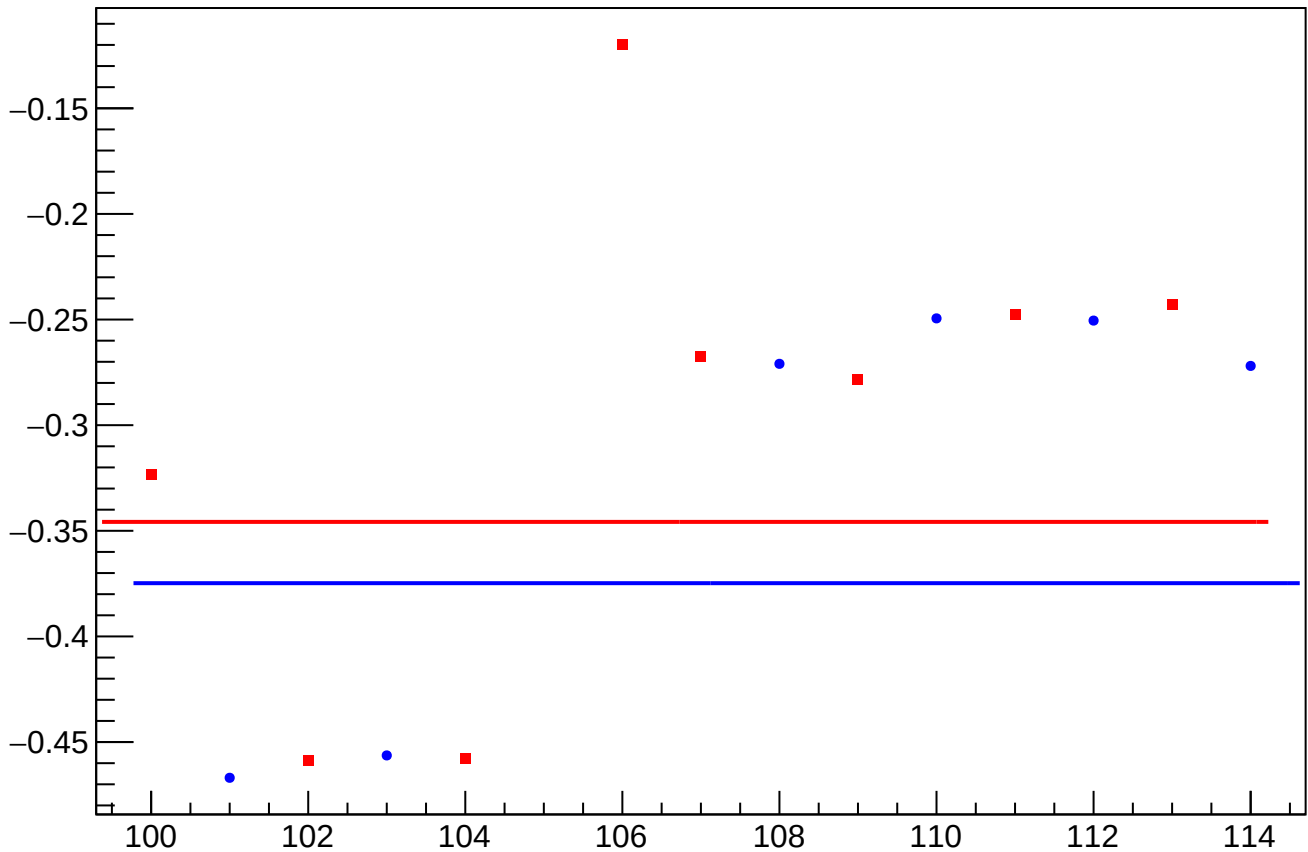
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 141130.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10Y_mean vs Slug



Right In: -0.375 ± 0.000 χ^2/NDF : 1561106820.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.346 ± 0.000 χ^2/NDF : 2040954047.6/7

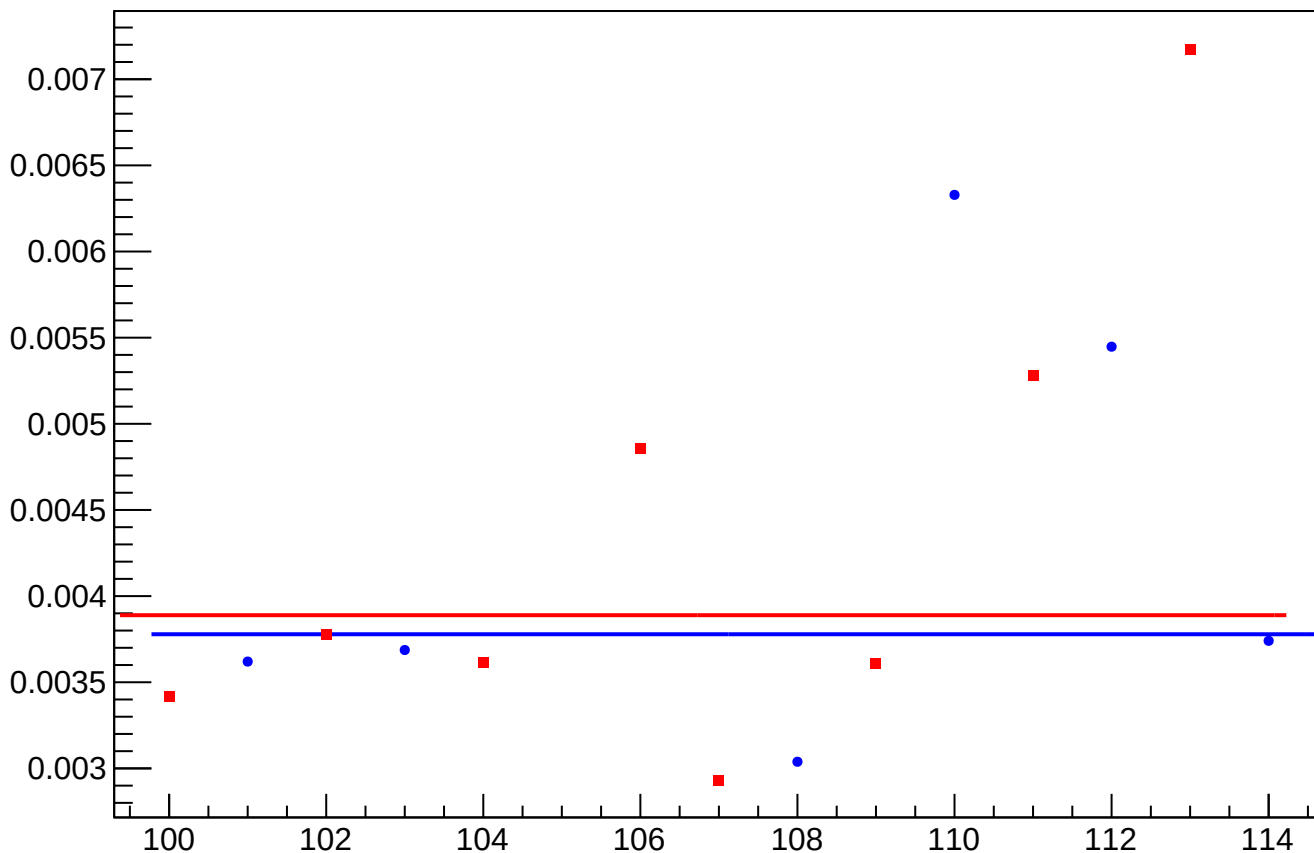
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.359 ± 0.000 χ^2/NDF : 3674100532.4/1

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 227287.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 312945.5/7

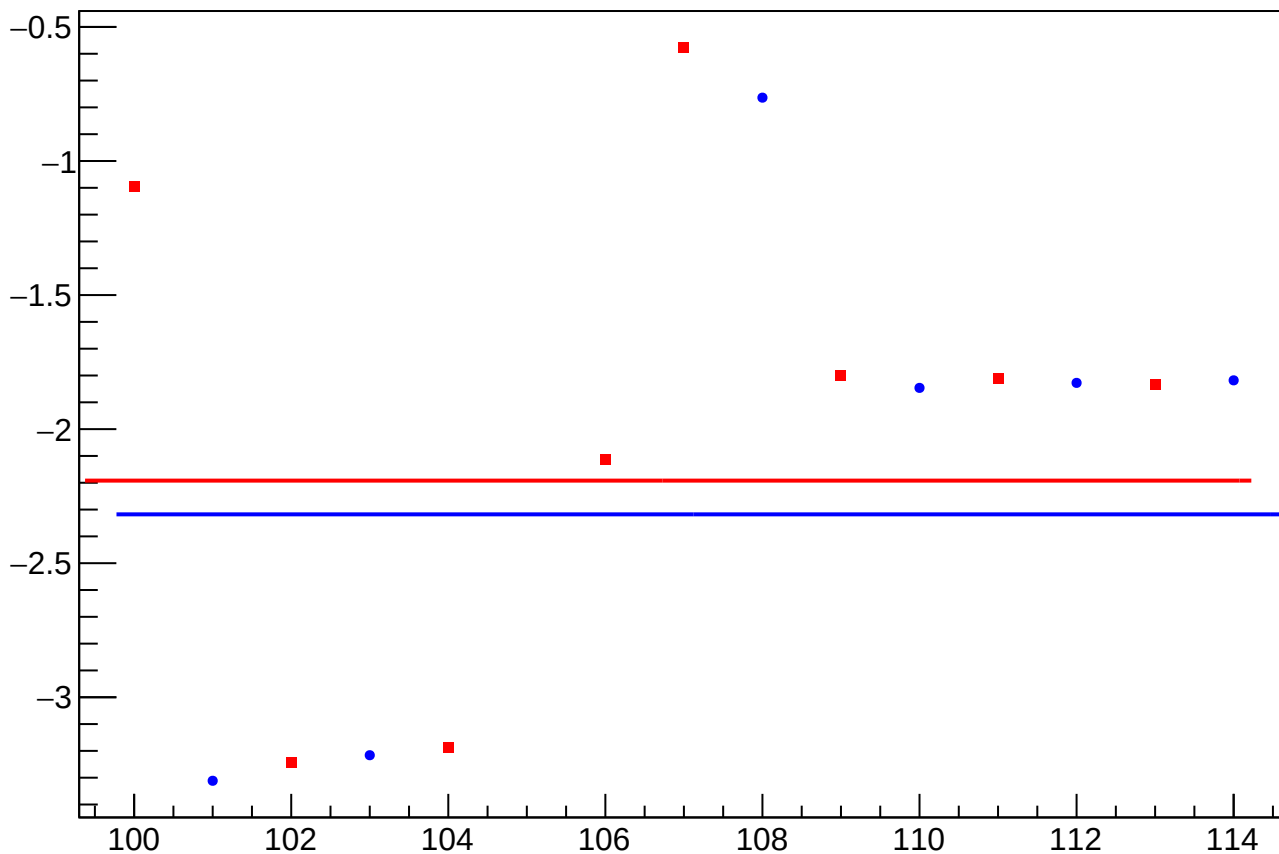
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 542329.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -2.318+/-0.000 χ^2/NDF : 441716890.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.192+/-0.000 χ^2/NDF : 417359833.9/7

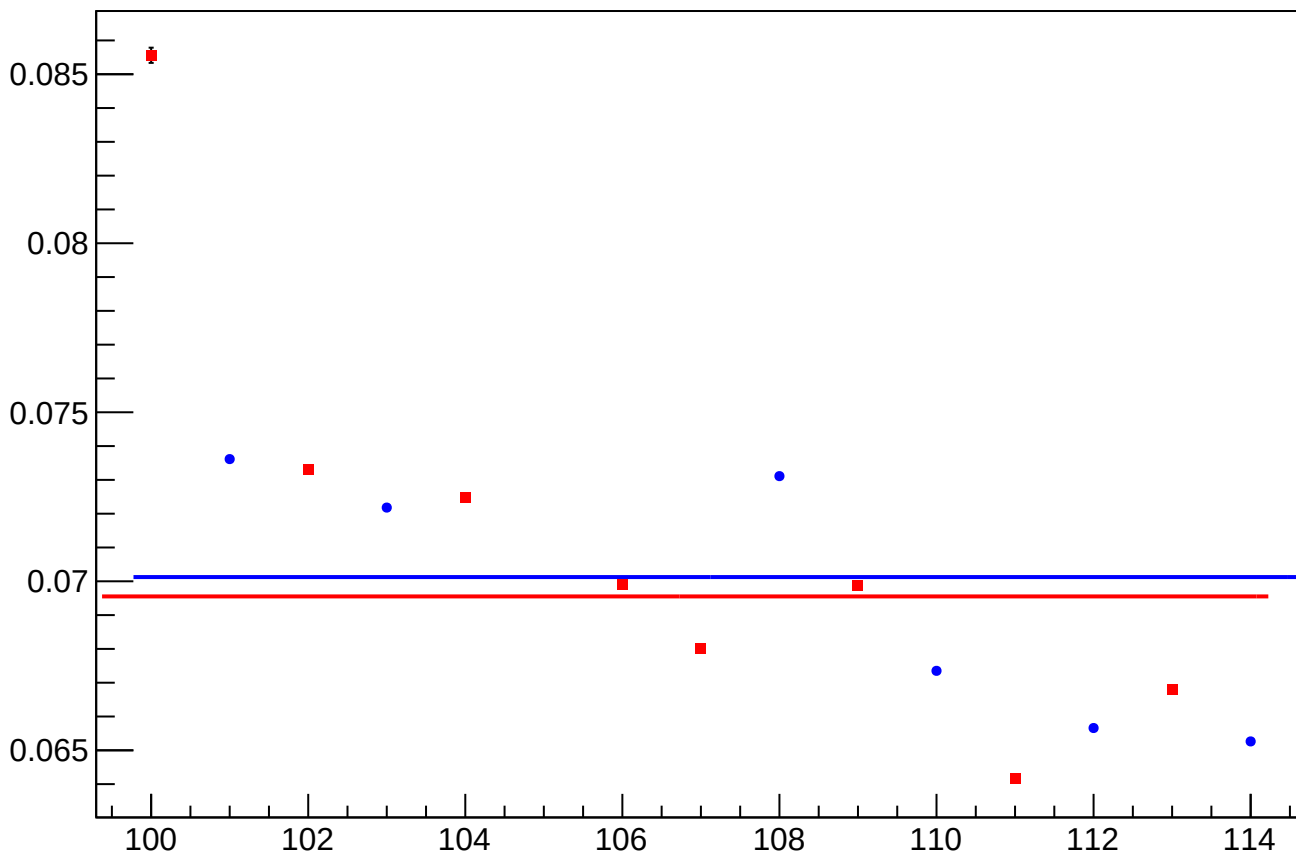
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.248+/-0.000 χ^2/NDF : 863763986.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_rms vs Slug



Right In: 0.070 $\pm$ 0.000 χ^2 /NDF: 12353.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 18221.5/7

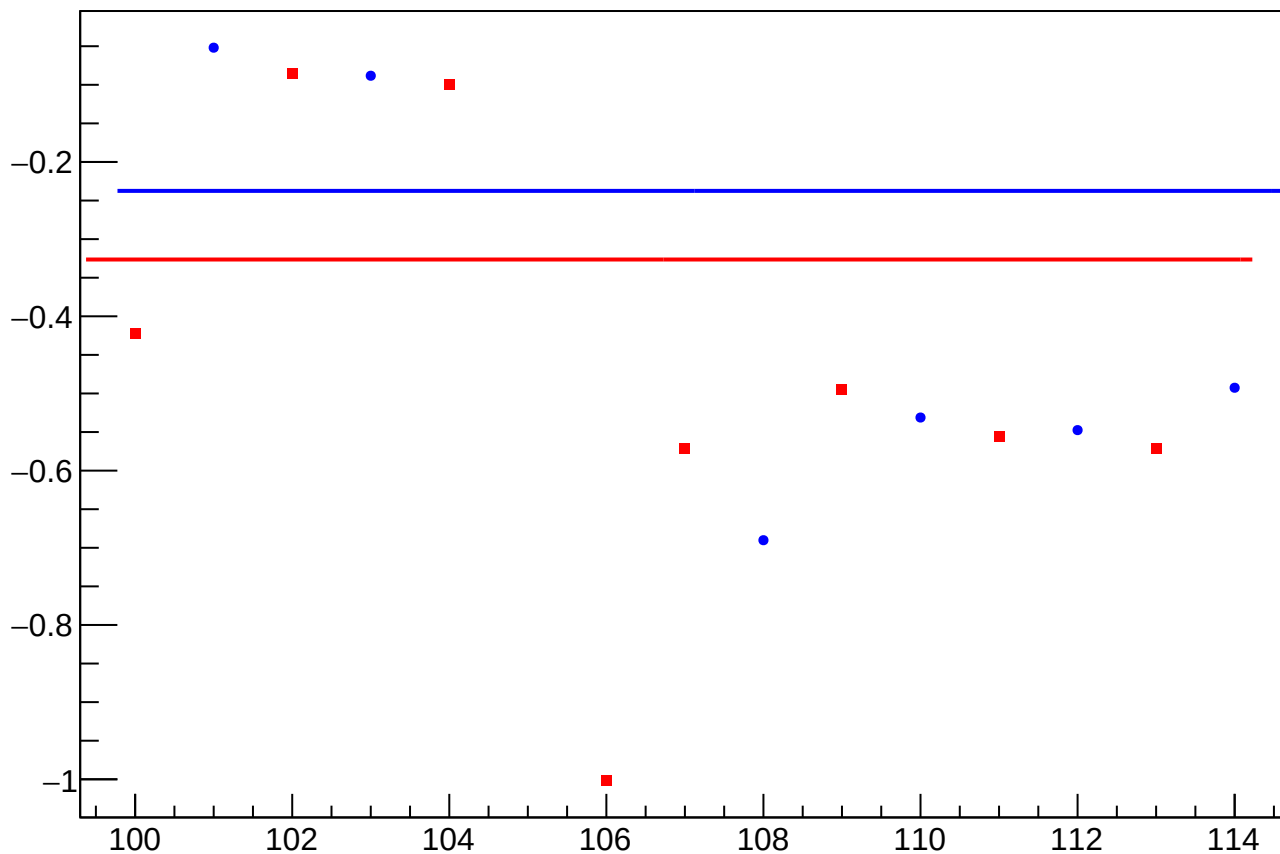
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.070 $\pm$ 0.000 χ^2 /NDF: 30769.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03Y_mean vs Slug



Right In: -0.237+/-0.000 χ^2/NDF : 1357969835.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.326+/-0.000 χ^2/NDF : 2219980696.6/7

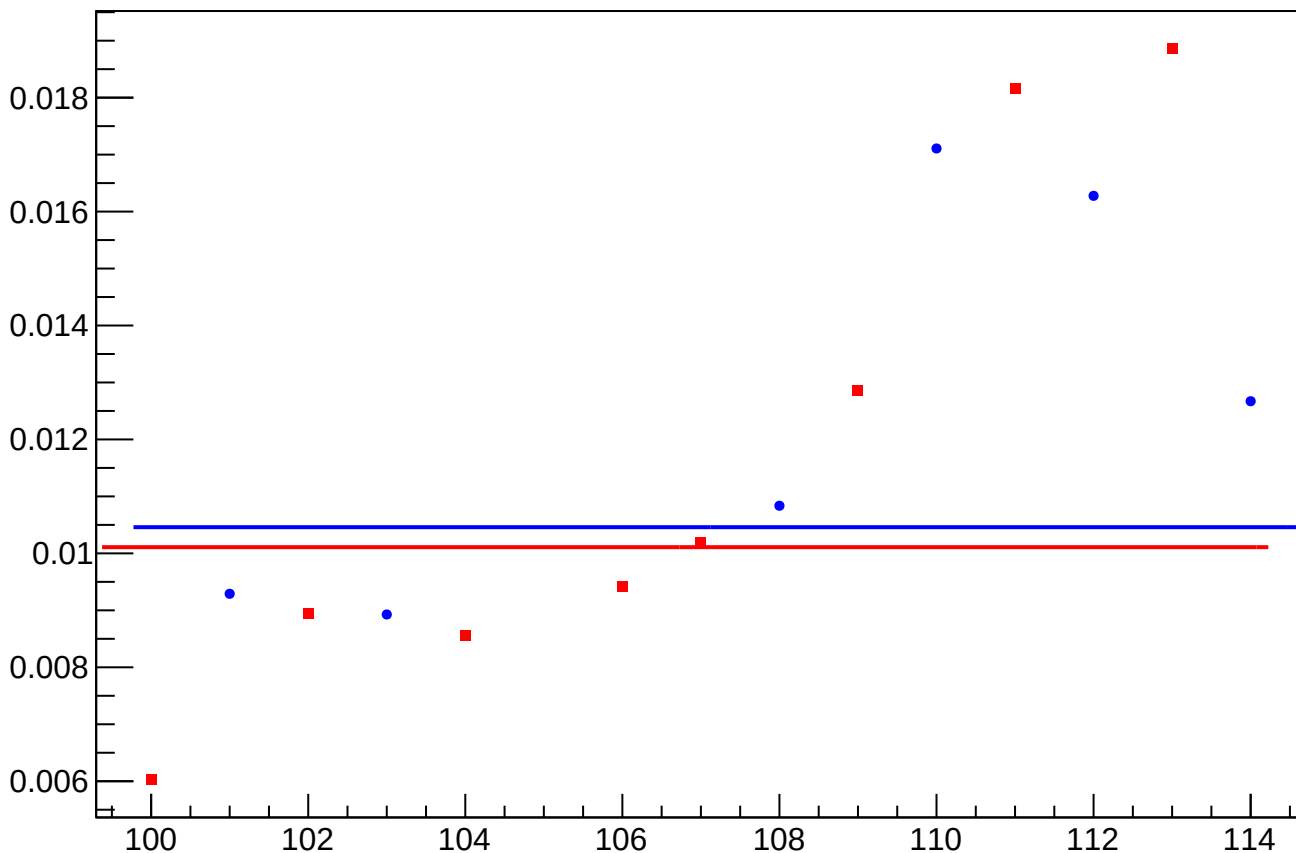
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.287+/-0.000 χ^2/NDF : 3671213559.9/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 271256.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 515381.2/7

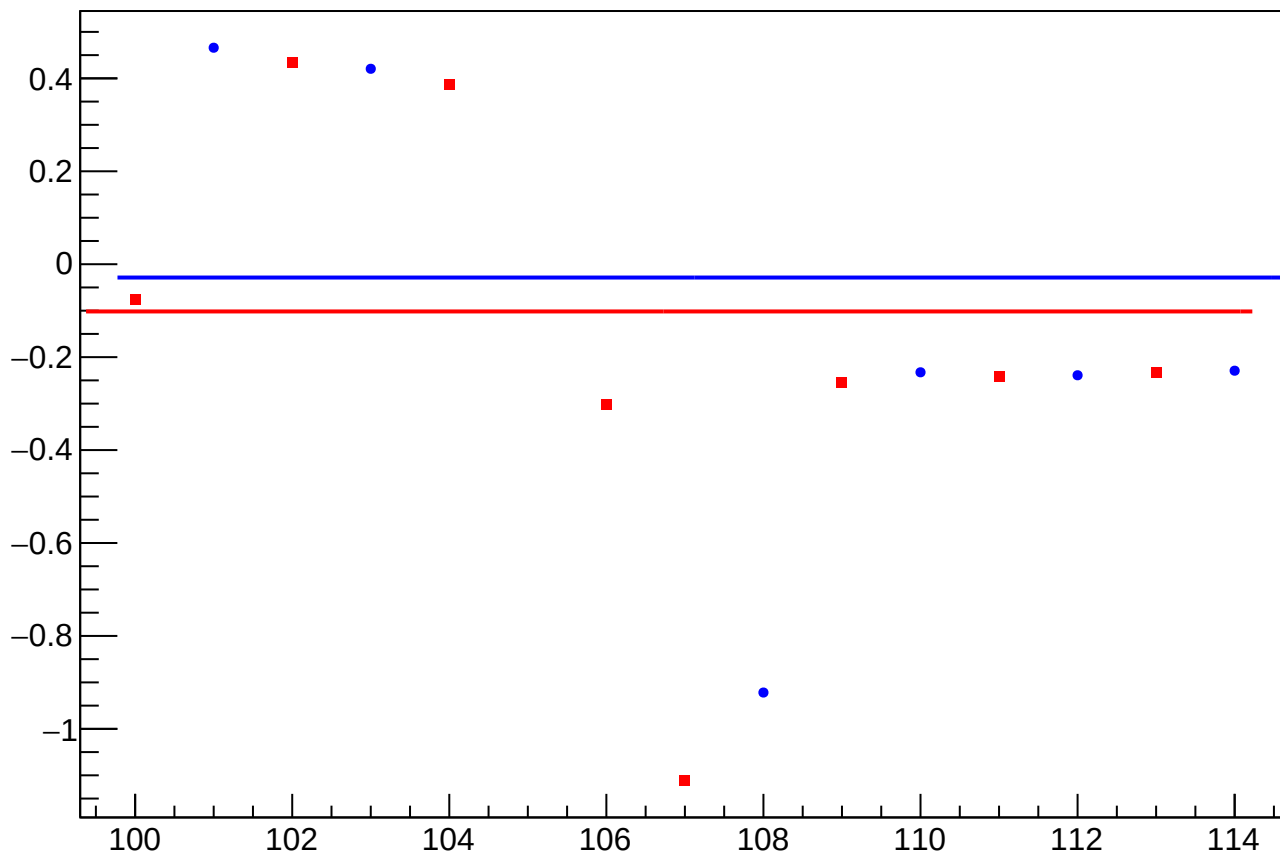
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 789539.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



Right In: -0.029+/-0.000 χ^2/NDF : 81023108.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.102+/-0.000 χ^2/NDF : 78117898.6/7

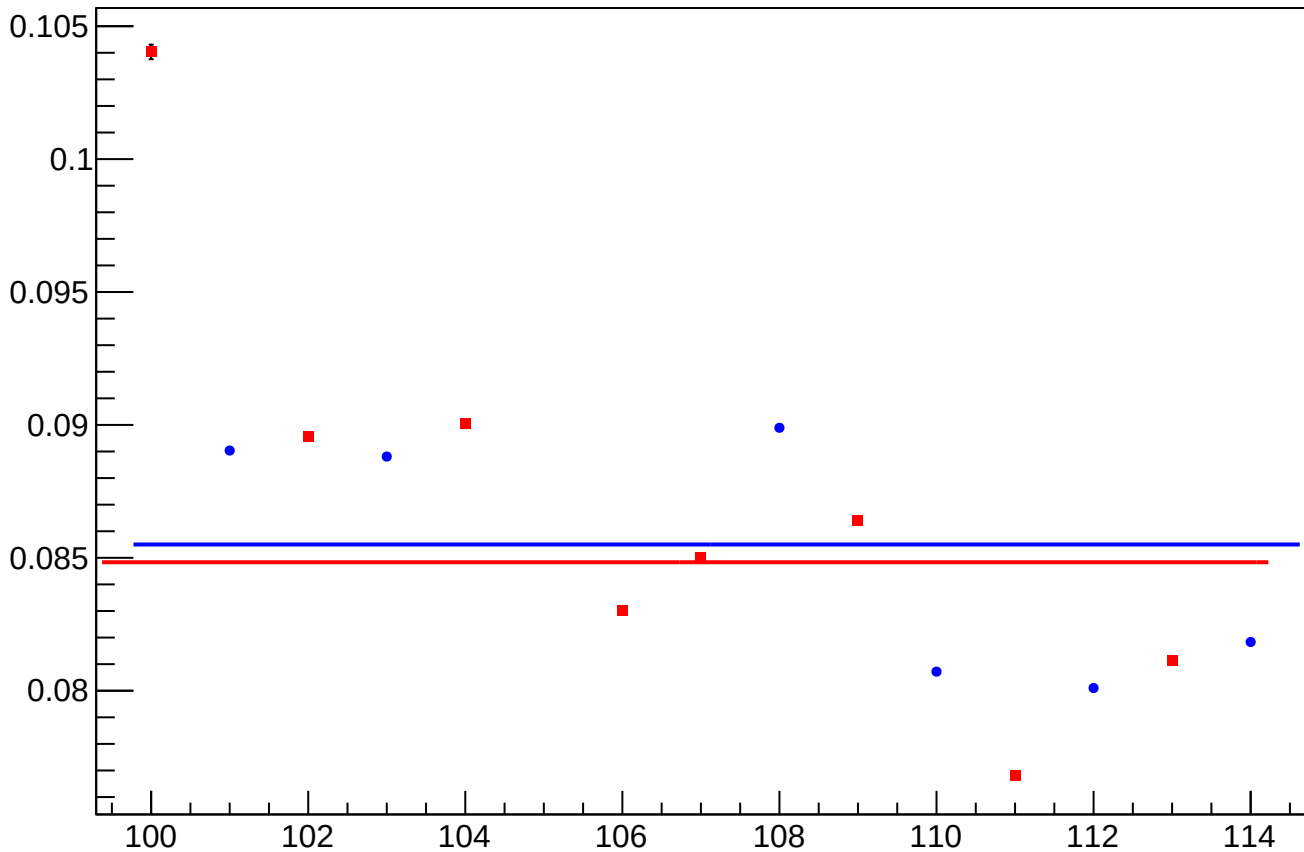
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.069+/-0.000 χ^2/NDF : 160207216.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.086+/-0.000 χ^2/NDF : 13247.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.085+/-0.000 χ^2/NDF : 24360.1/7

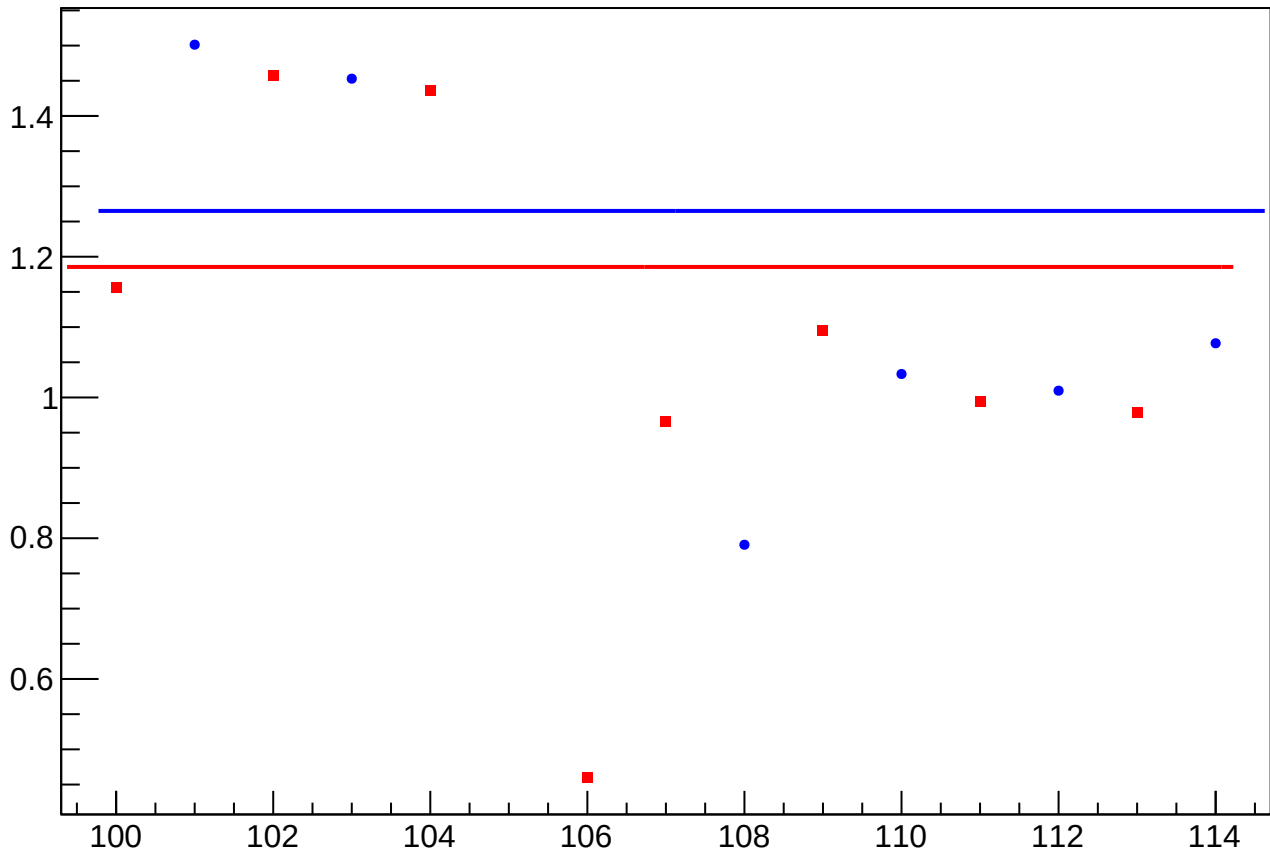
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.000 χ^2/NDF : 37786.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.265 $\pm$ 0.000 χ^2 /NDF: 900756601.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

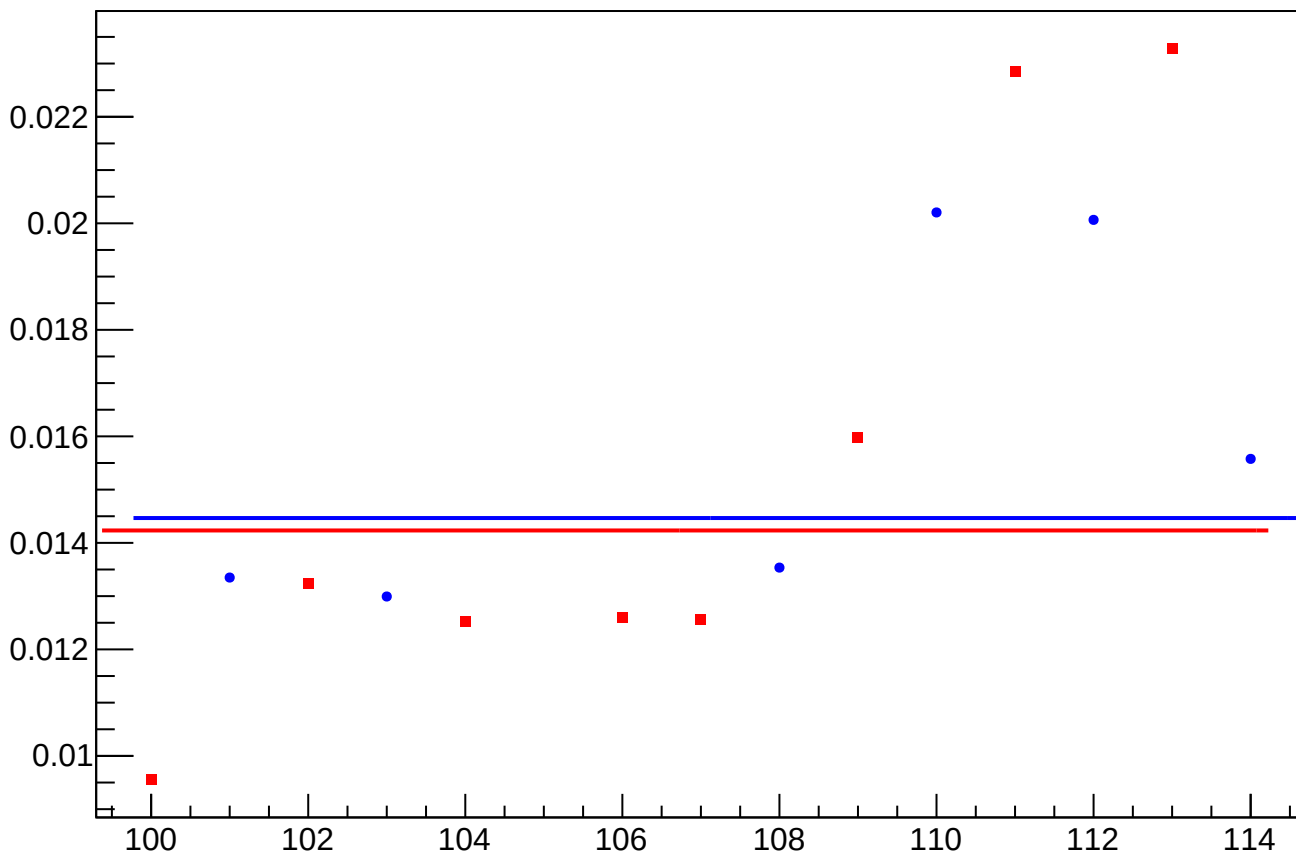
Right Out: 1.185 $\pm$ 0.000 χ^2 /NDF: 1290720206.3/7

All: 1.221 $\pm$ 0.000 χ^2 /NDF: 2230968649.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 146682.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 331117.4/7

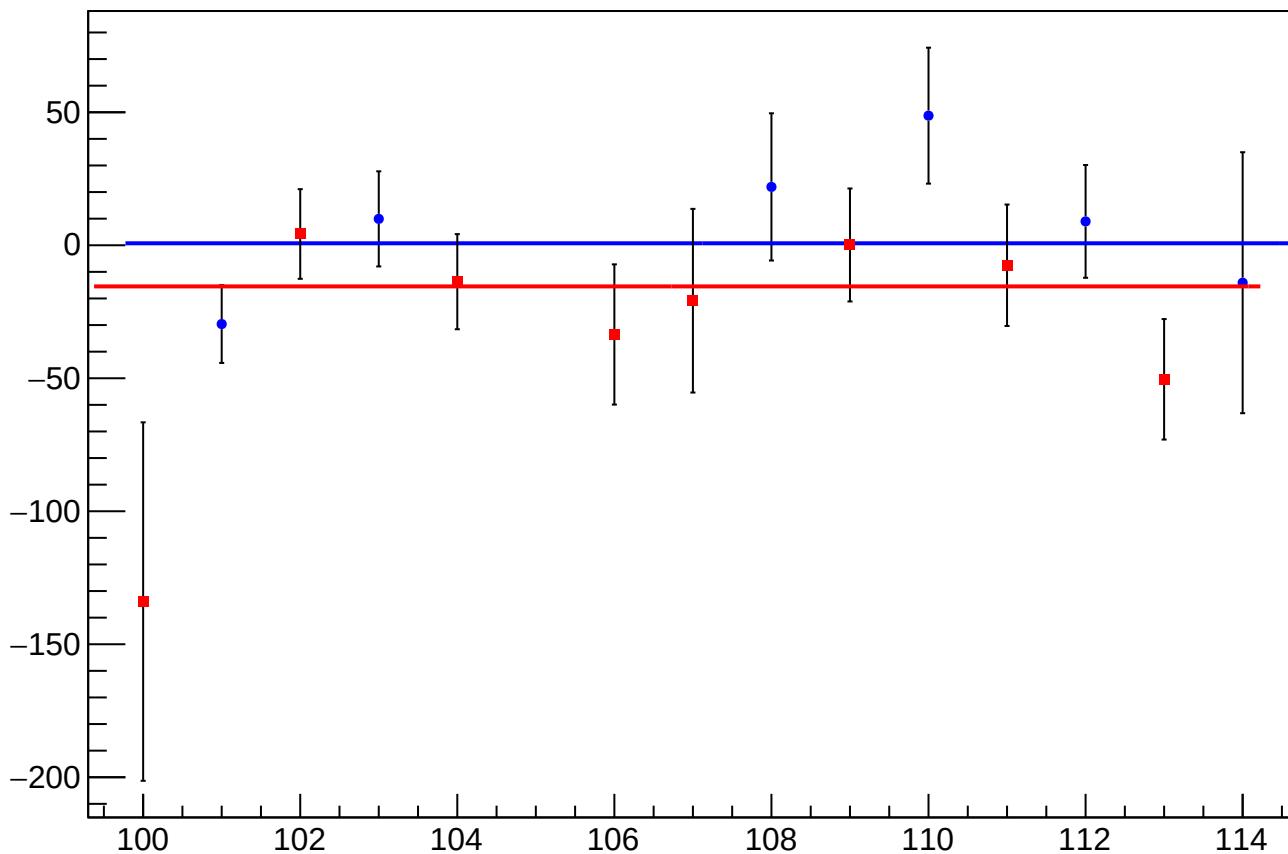
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 478479.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_mean vs Slug



Right In: 0.744 ± 8.677 χ^2/NDF : 8.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.466 ± 8.104 χ^2/NDF : 8.0/7

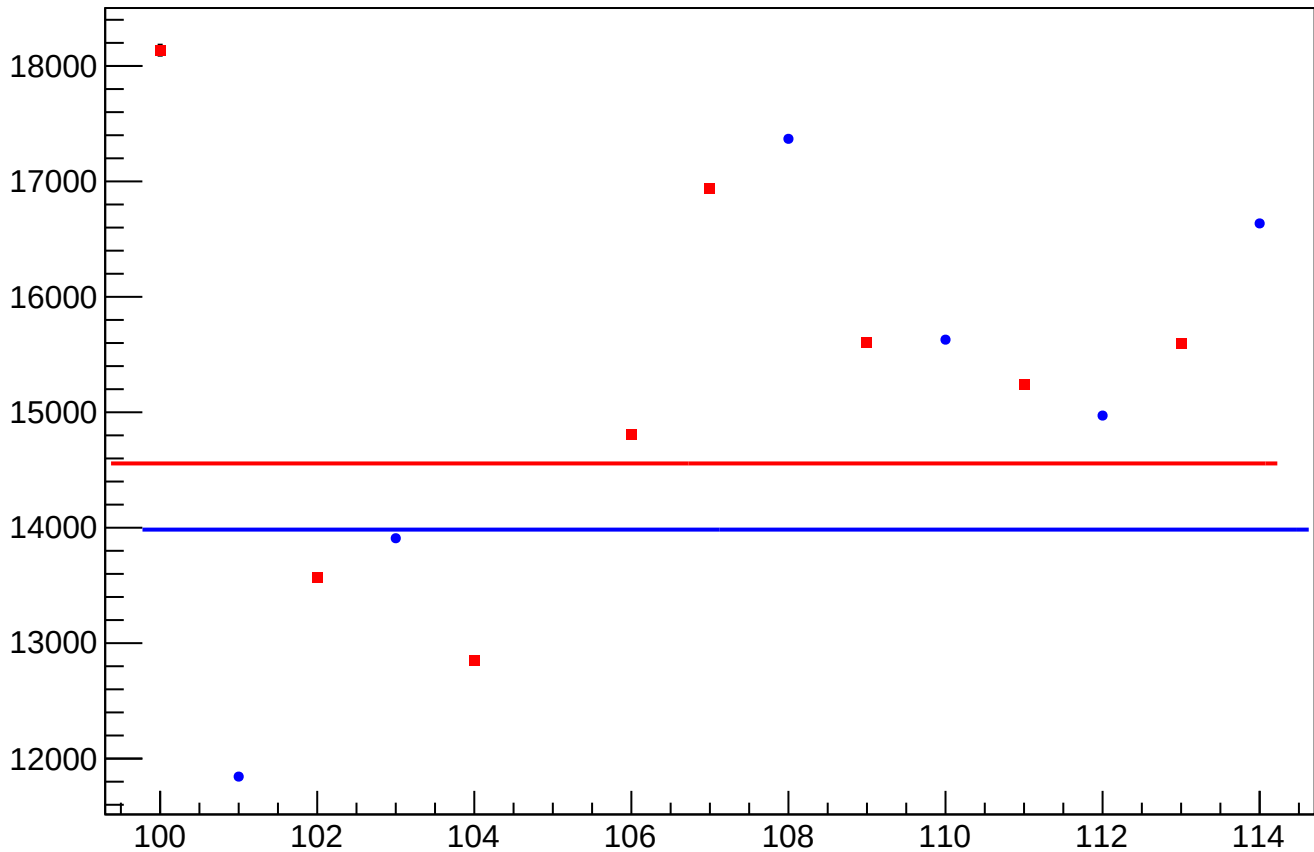
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.914 ± 5.923 χ^2/NDF : 18.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 13983.645 $\pm$ 6.136 χ^2 /NDF: 91261.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14556.788 $\pm$ 5.730 χ^2 /NDF: 51368.0/7

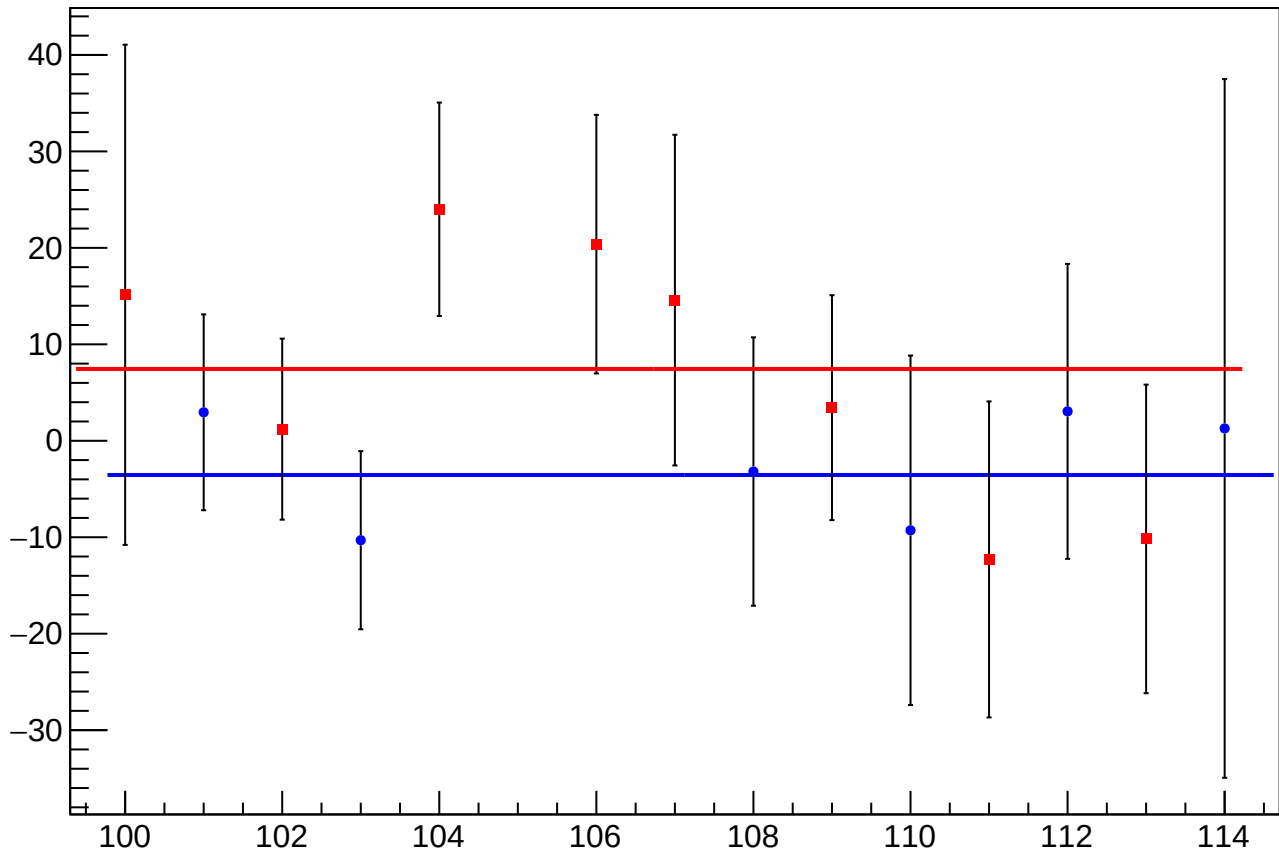
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14289.785 $\pm$ 4.188 χ^2 /NDF: 147289.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aY_mean vs Slug



Right In: -3.546 $\pm$ 5.369 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.449 $\pm$ 4.716 χ^2 /NDF: 6.7/7

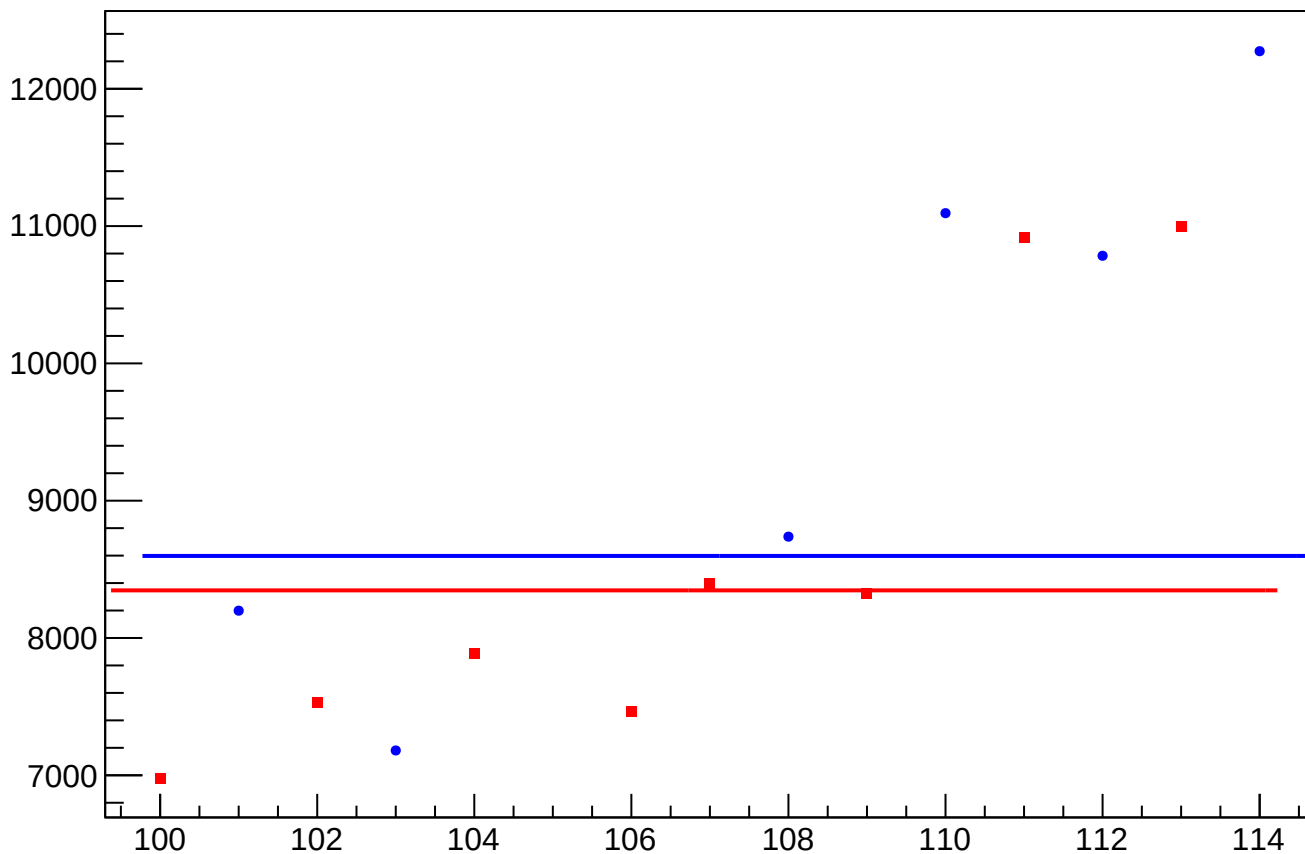
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.661 $\pm$ 3.543 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8597.658+/-3.797 χ^2/NDF : 149851.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8346.829+/-3.334 χ^2/NDF : 137012.3/7

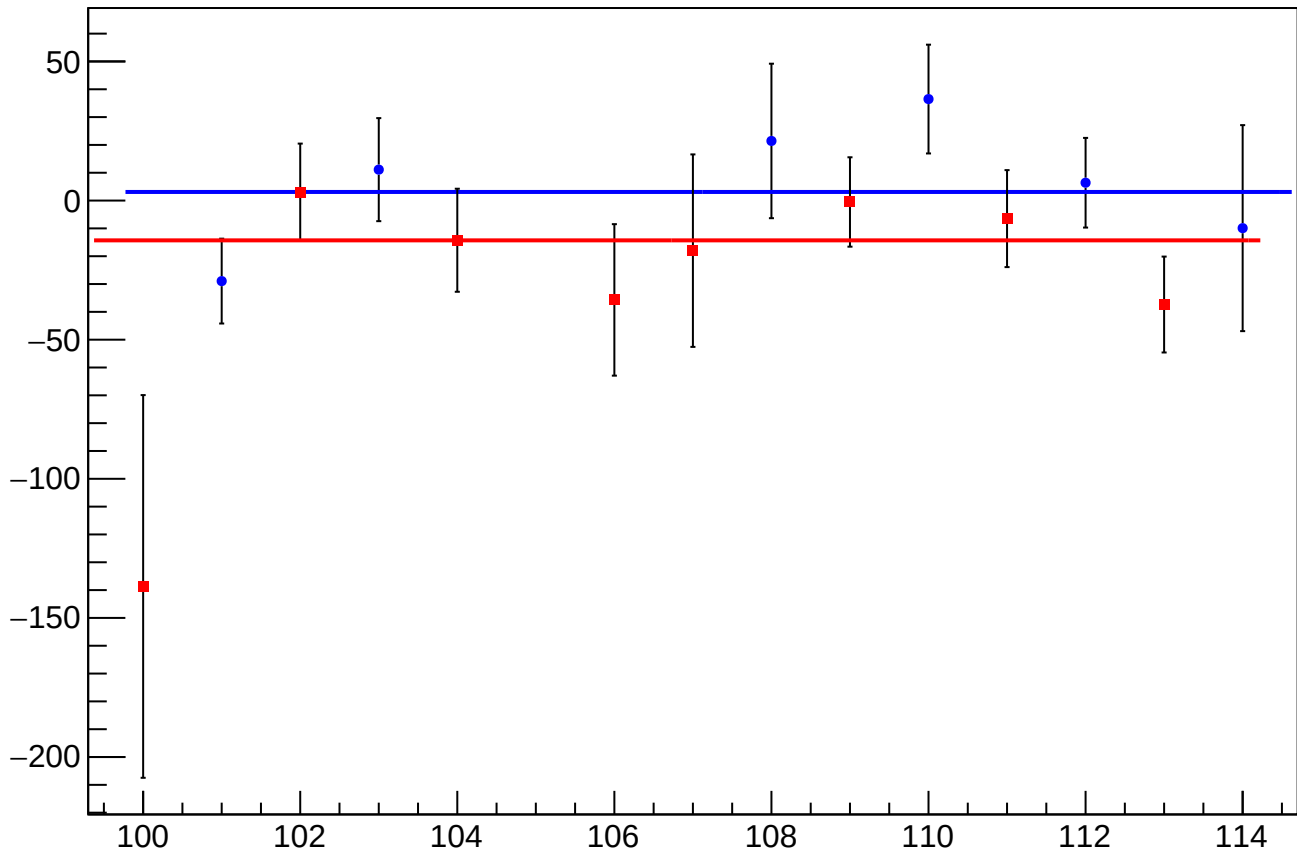
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8456.049+/-2.505 χ^2/NDF : 289327.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_mean vs Slug



Right In: 3.095 ± 7.978 χ^2/NDF : 8.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.302 ± 7.232 χ^2/NDF : 7.6/7

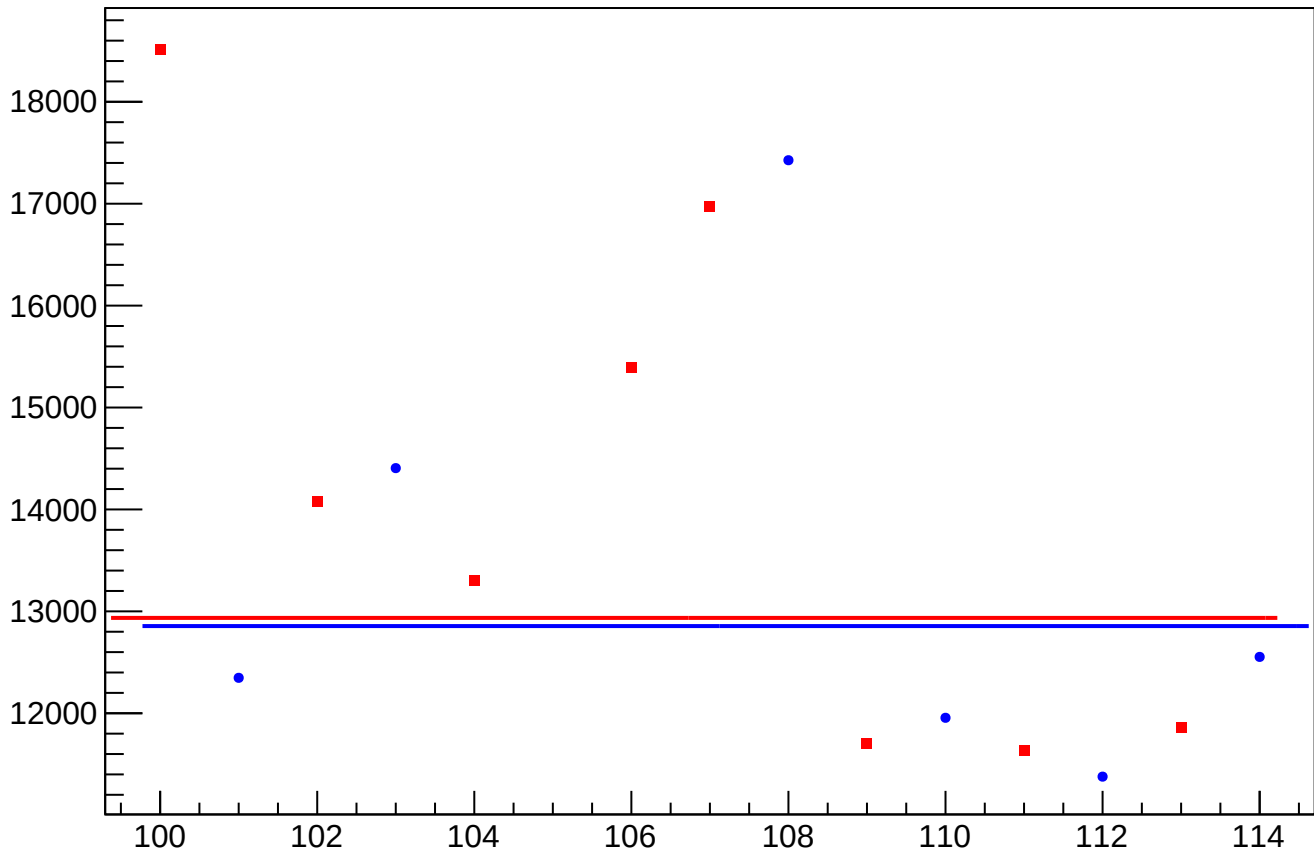
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.454 ± 5.358 χ^2/NDF : 18.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 12855.544+/-5.641 χ^2/NDF : 91631.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12935.767+/-5.114 χ^2/NDF : 96429.6/7

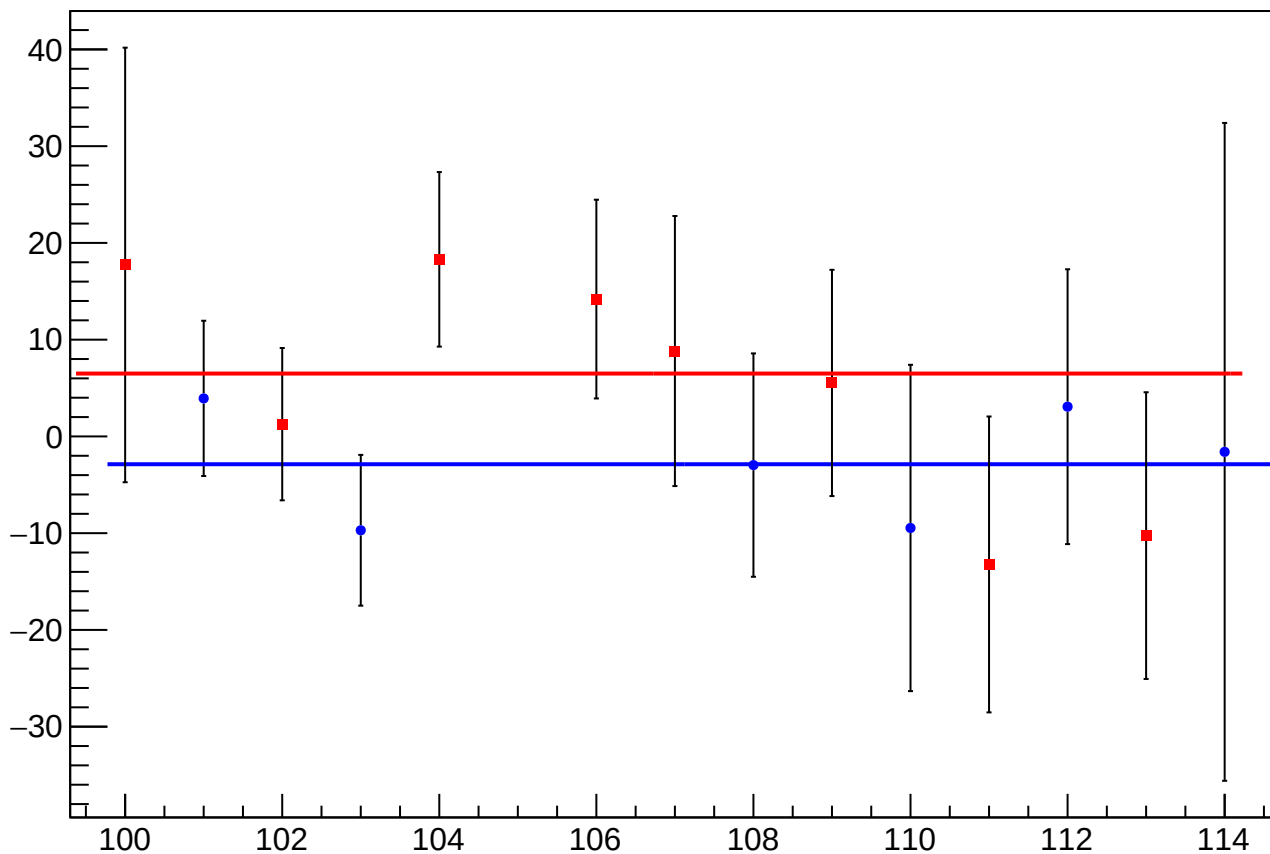
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12899.579+/-3.789 χ^2/NDF : 188172.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -2.874 ± 4.525 χ^2/NDF : 1.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.498 ± 4.043 χ^2/NDF : 5.9/7

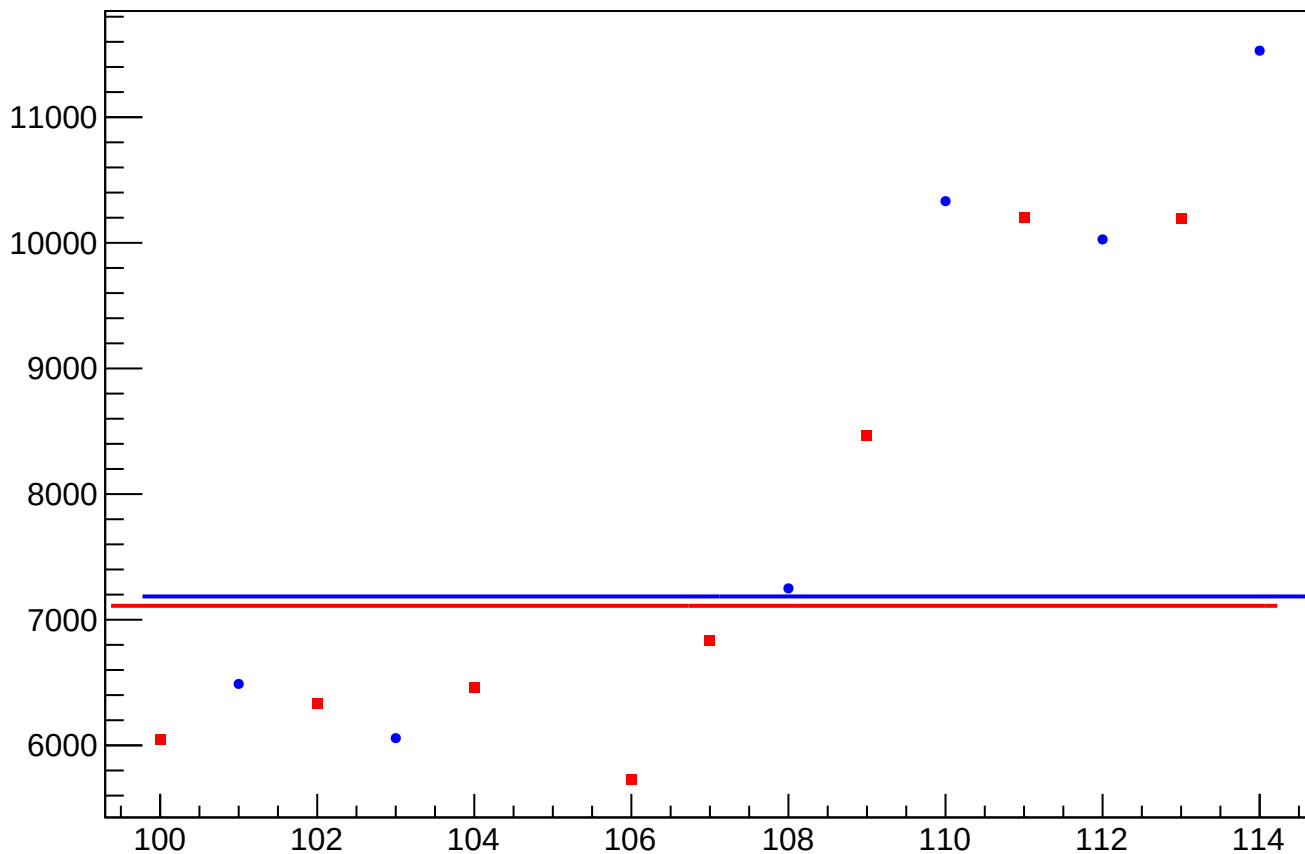
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.337 ± 3.015 χ^2/NDF : 10.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 7185.375+/-3.199 χ^2/NDF : 239369.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7110.757+/-2.859 χ^2/NDF : 266961.2/7

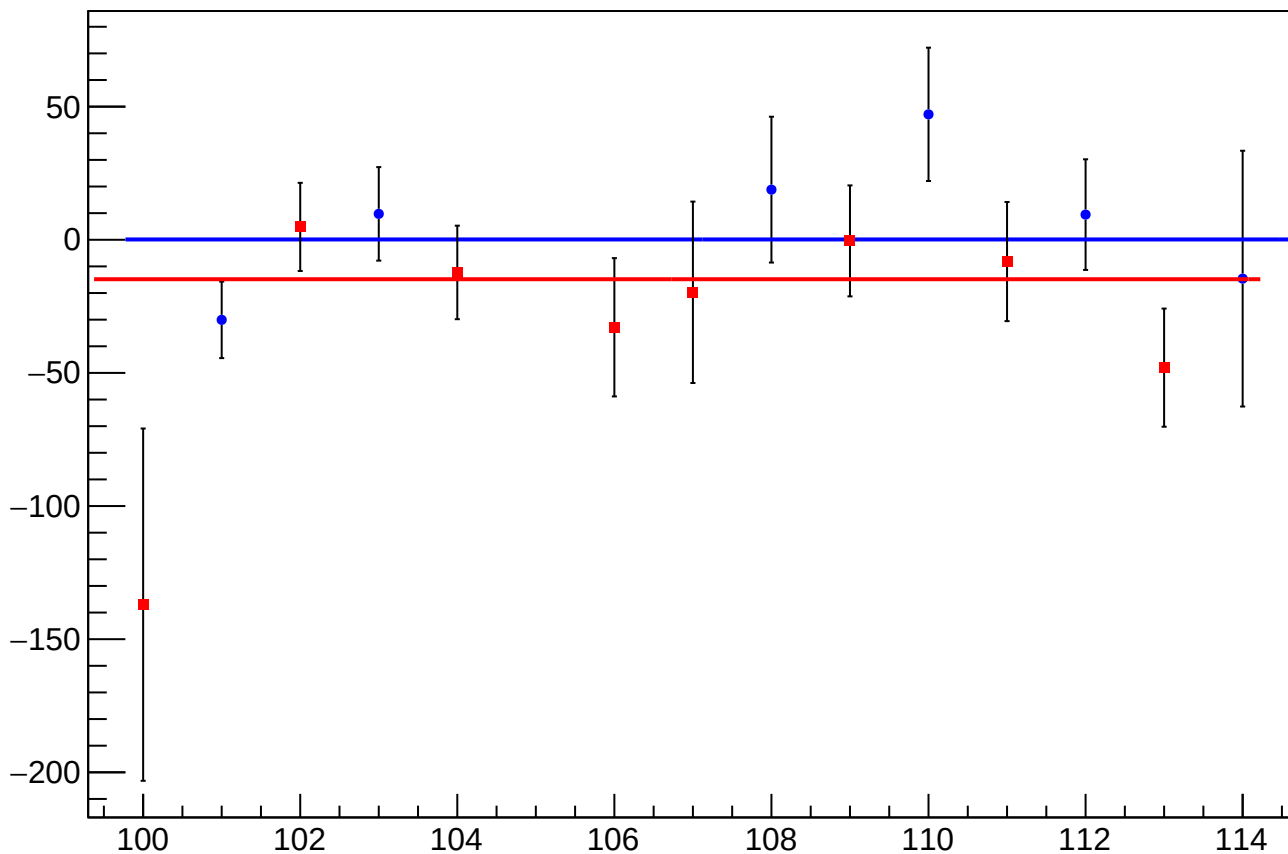
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7143.888+/-2.132 χ^2/NDF : 506633.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_mean vs Slug



Right In: 0.123 ± 8.523 χ^2/NDF : 9.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.813 ± 7.956 χ^2/NDF : 8.2/7

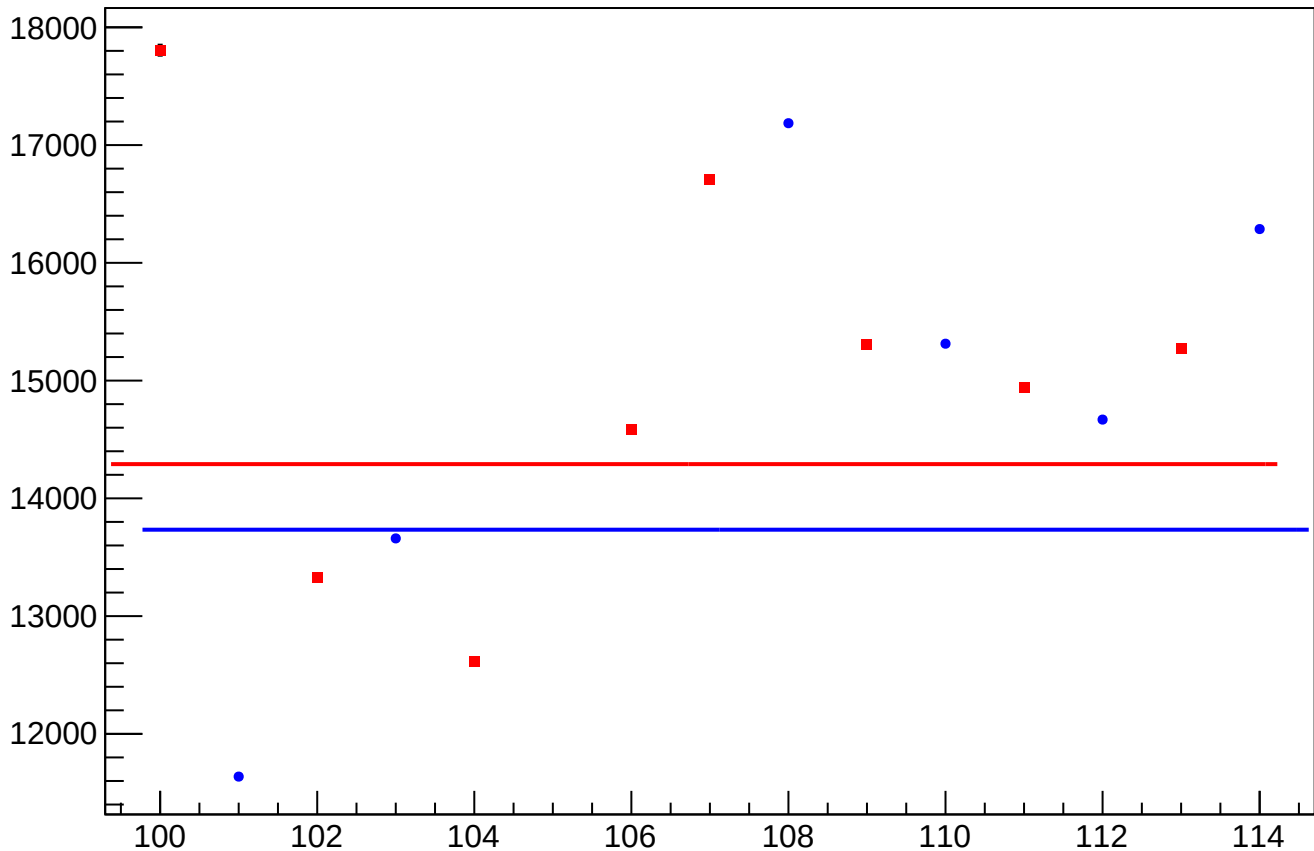
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.858 ± 5.816 χ^2/NDF : 18.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 13733.893+/-6.027 χ^2/NDF : 92071.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14290.756+/-5.626 χ^2/NDF : 51405.3/7

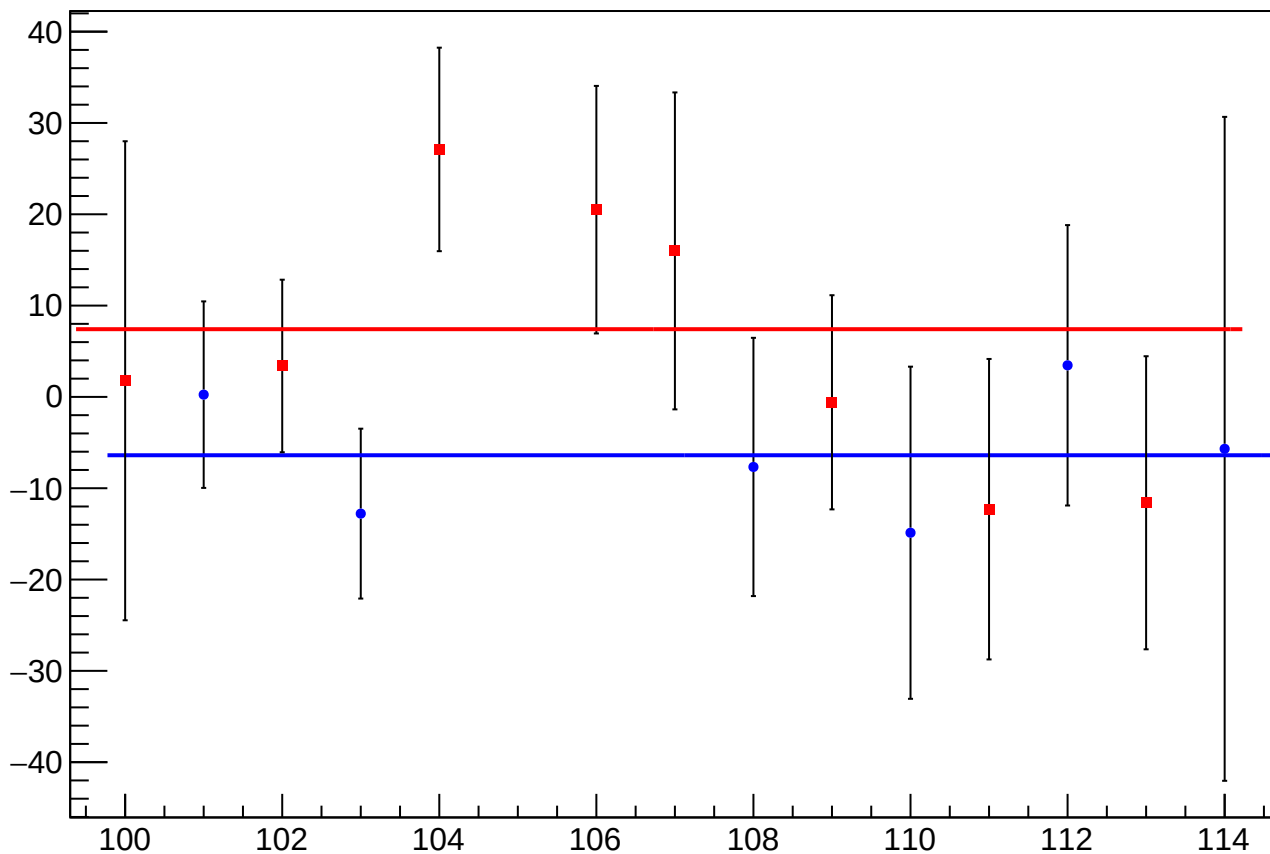
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14031.468+/-4.112 χ^2/NDF : 148038.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -6.389+/-5.410 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.417+/-4.750 χ^2/NDF : 7.8/7

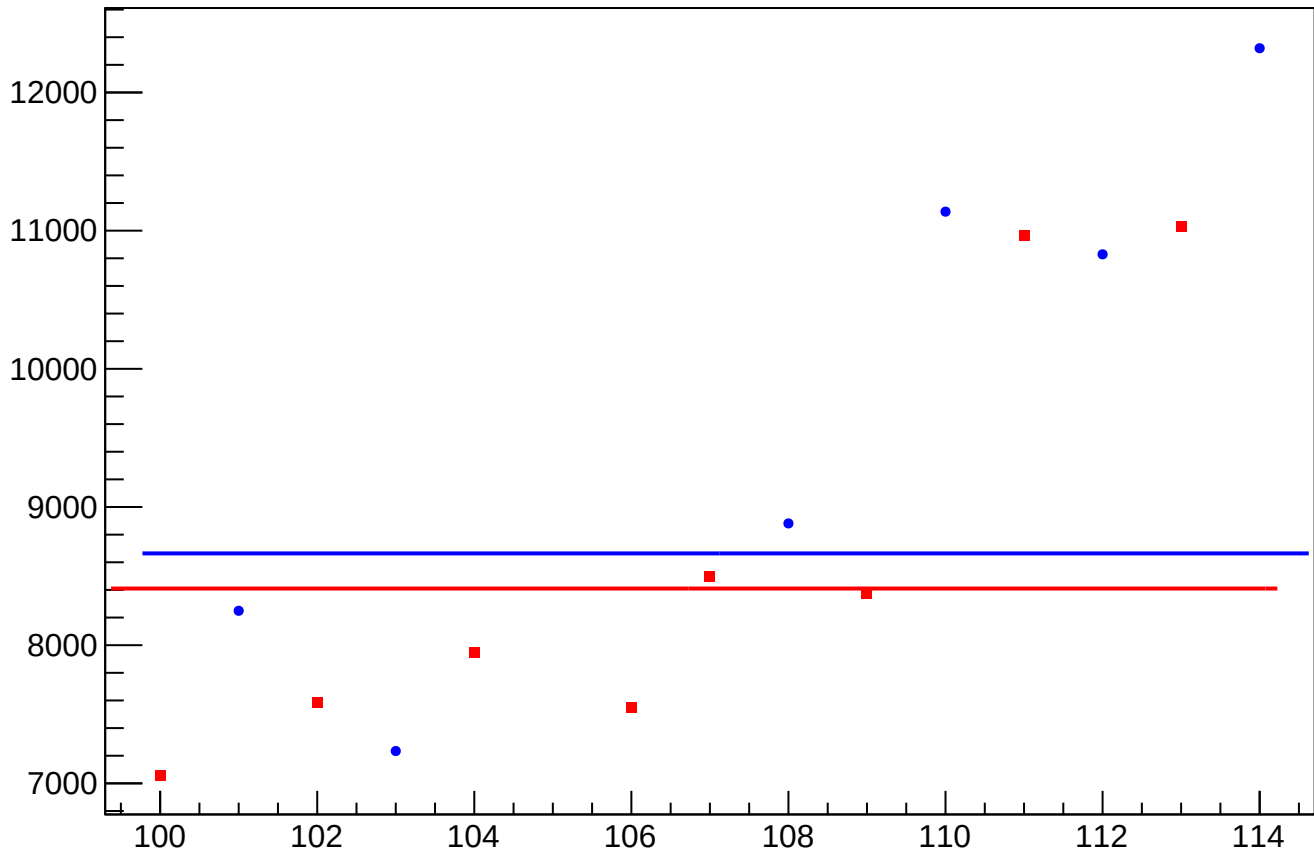
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.407+/-3.569 χ^2/NDF : 13.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 8664.305+/-3.825 χ^2/NDF : 148014.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

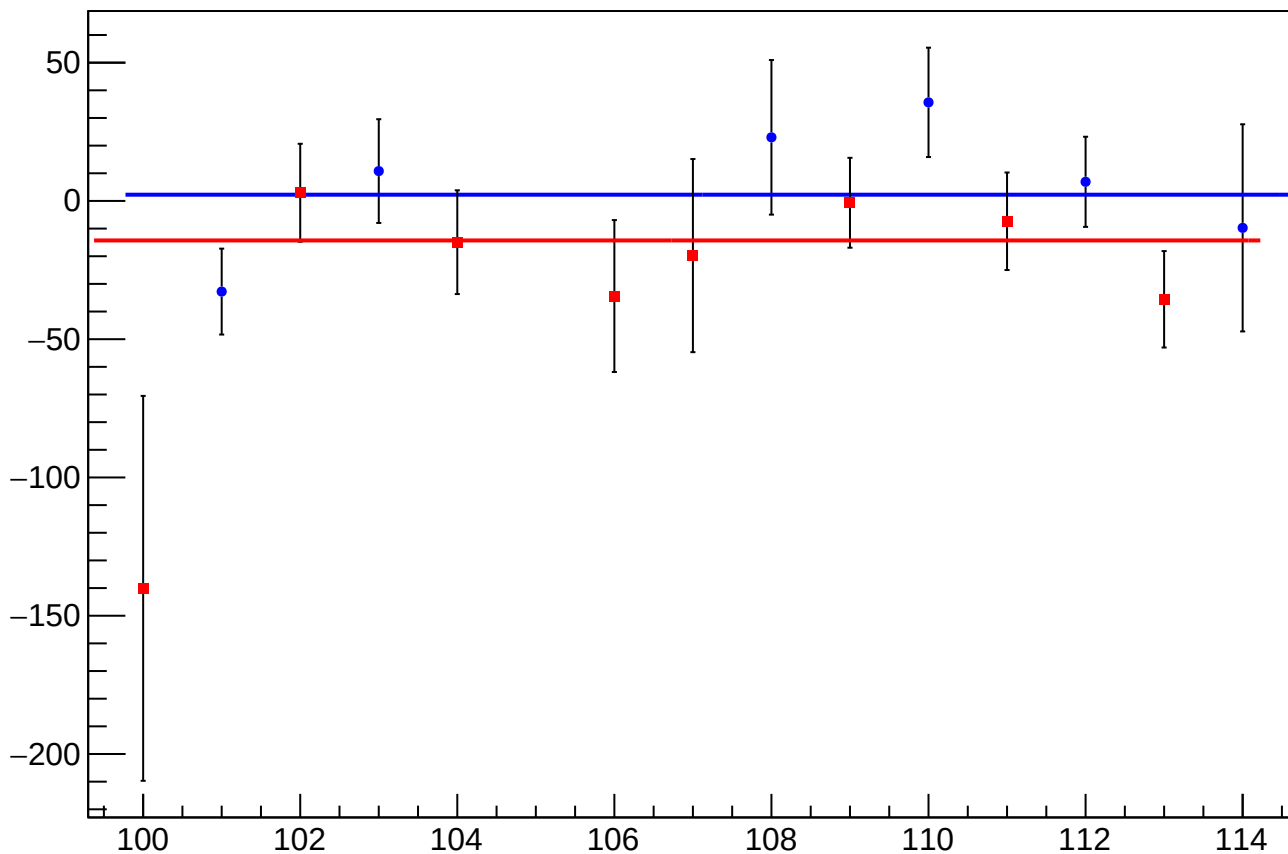
Right Out: 8410.055+/-3.359 χ^2/NDF : 133946.8/7

All: 8520.732+/-2.524 χ^2/NDF : 284455.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_mean vs Slug



Right In: 2.253 ± 8.084 χ^2/NDF : 8.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.290 ± 7.317 χ^2/NDF : 7.1/7

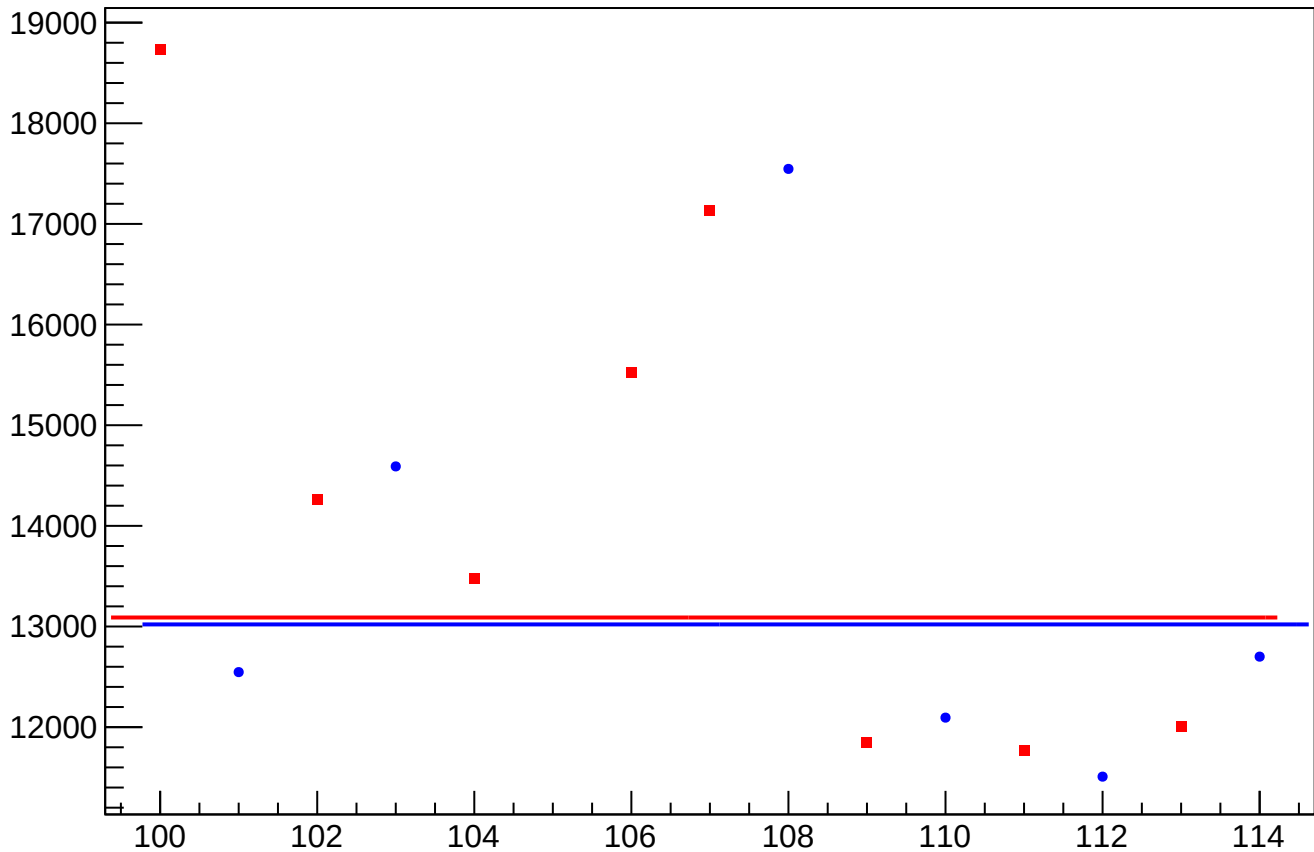
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.840 ± 5.425 χ^2/NDF : 18.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 13020.779+/-5.716 χ^2/NDF : 90051.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13089.458+/-5.174 χ^2/NDF : 95948.5/7

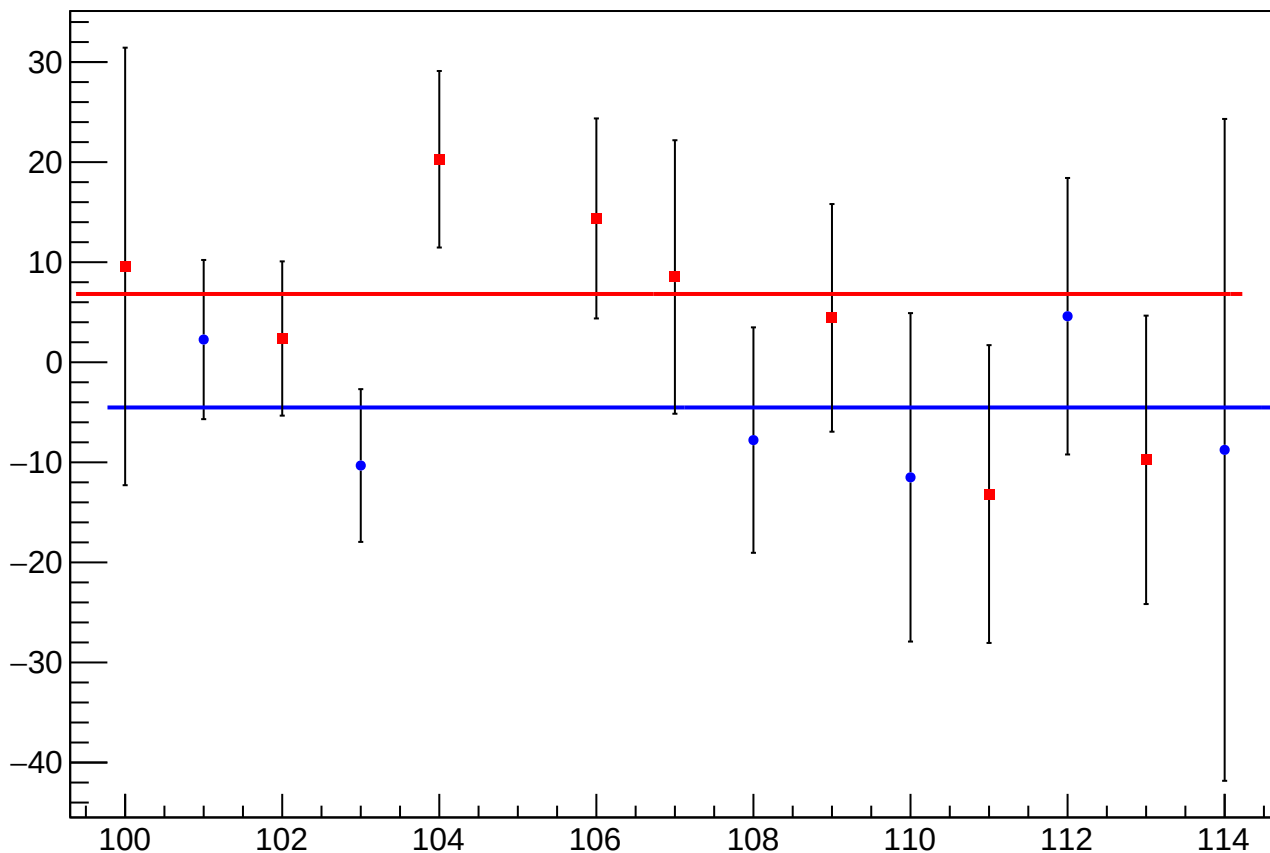
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13058.529+/-3.836 χ^2/NDF : 186079.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -4.517 $\pm$ 4.440 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.825 $\pm$ 3.947 χ^2 /NDF: 6.4/7

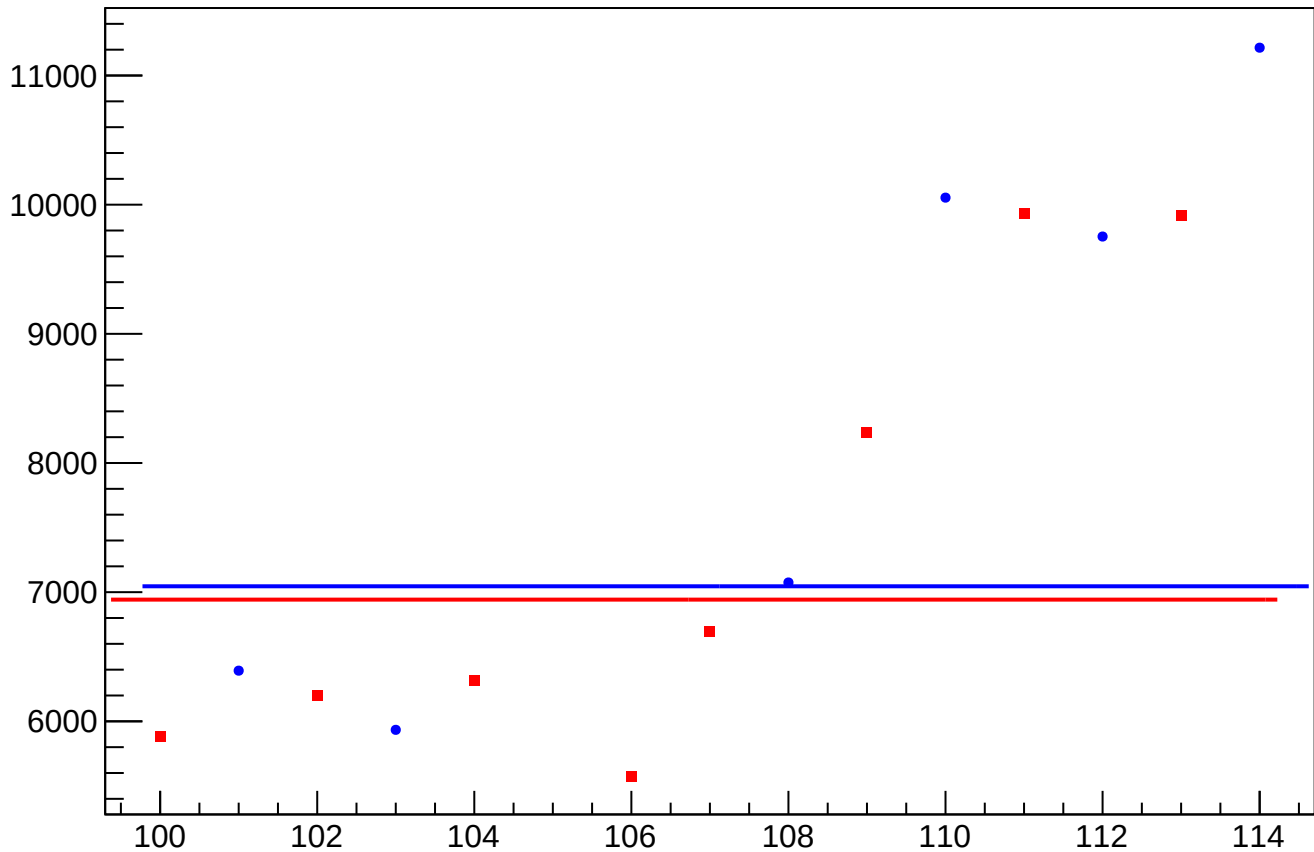
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.819 $\pm$ 2.950 χ^2 /NDF: 12.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 7045.525+/-3.140 χ^2/NDF : 231757.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6942.308+/-2.791 χ^2/NDF : 263160.6/7

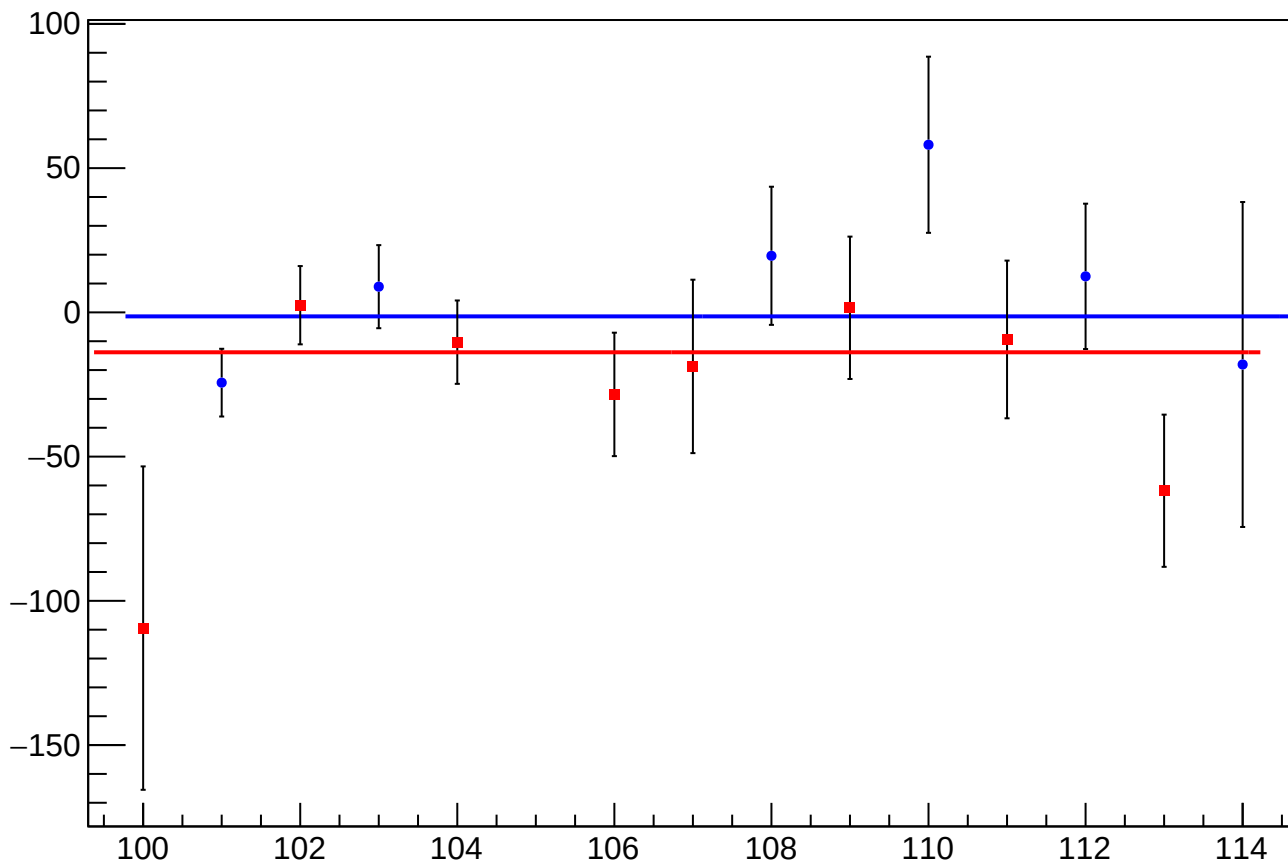
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6987.862+/-2.086 χ^2/NDF : 495521.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1X_mean vs Slug



Right In: -1.388 ± 7.718 χ^2/NDF : 9.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.834 ± 7.403 χ^2/NDF : 8.6/7

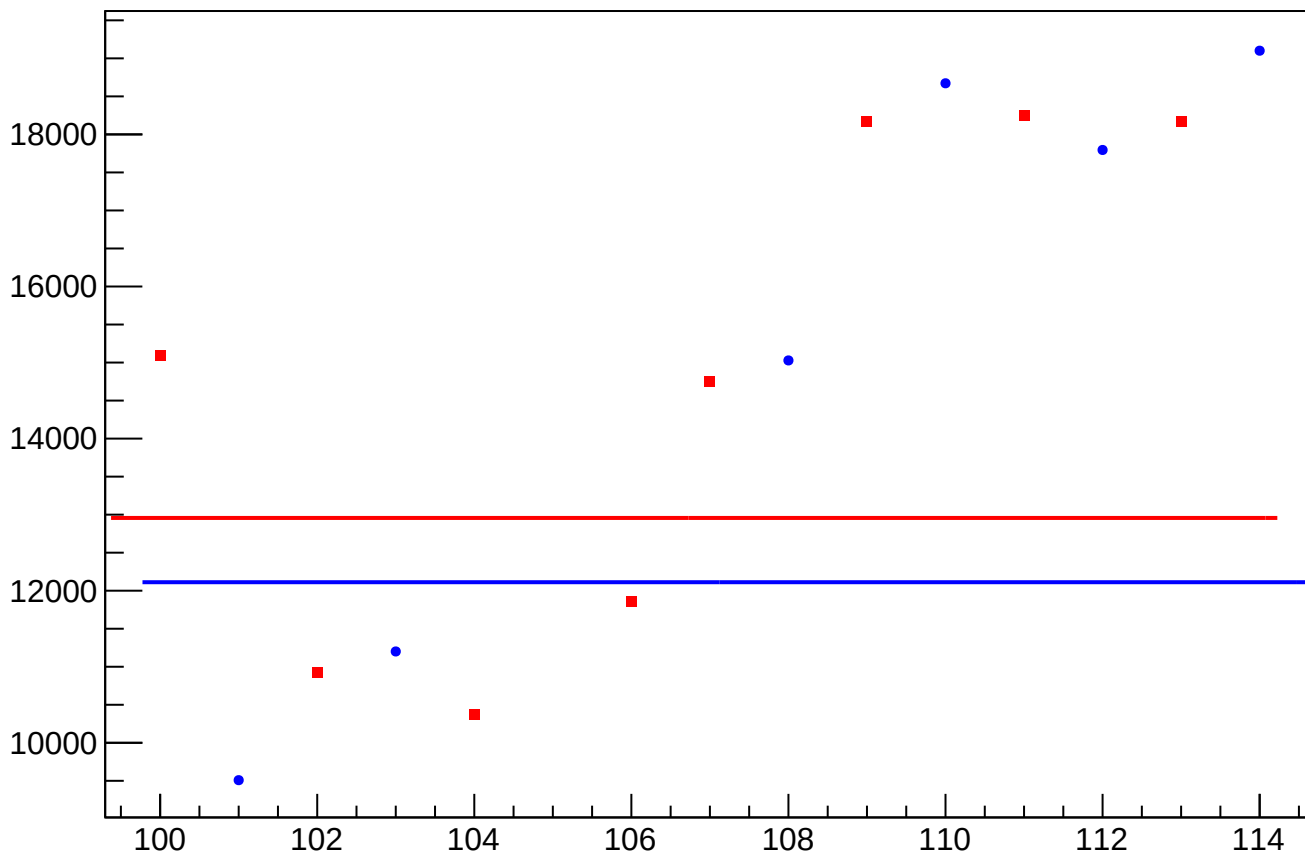
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.871 ± 5.343 χ^2/NDF : 19.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1X_rms vs Slug



Right In: 12111.542 $\pm$ 5.458 χ^2 /NDF: 360928.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

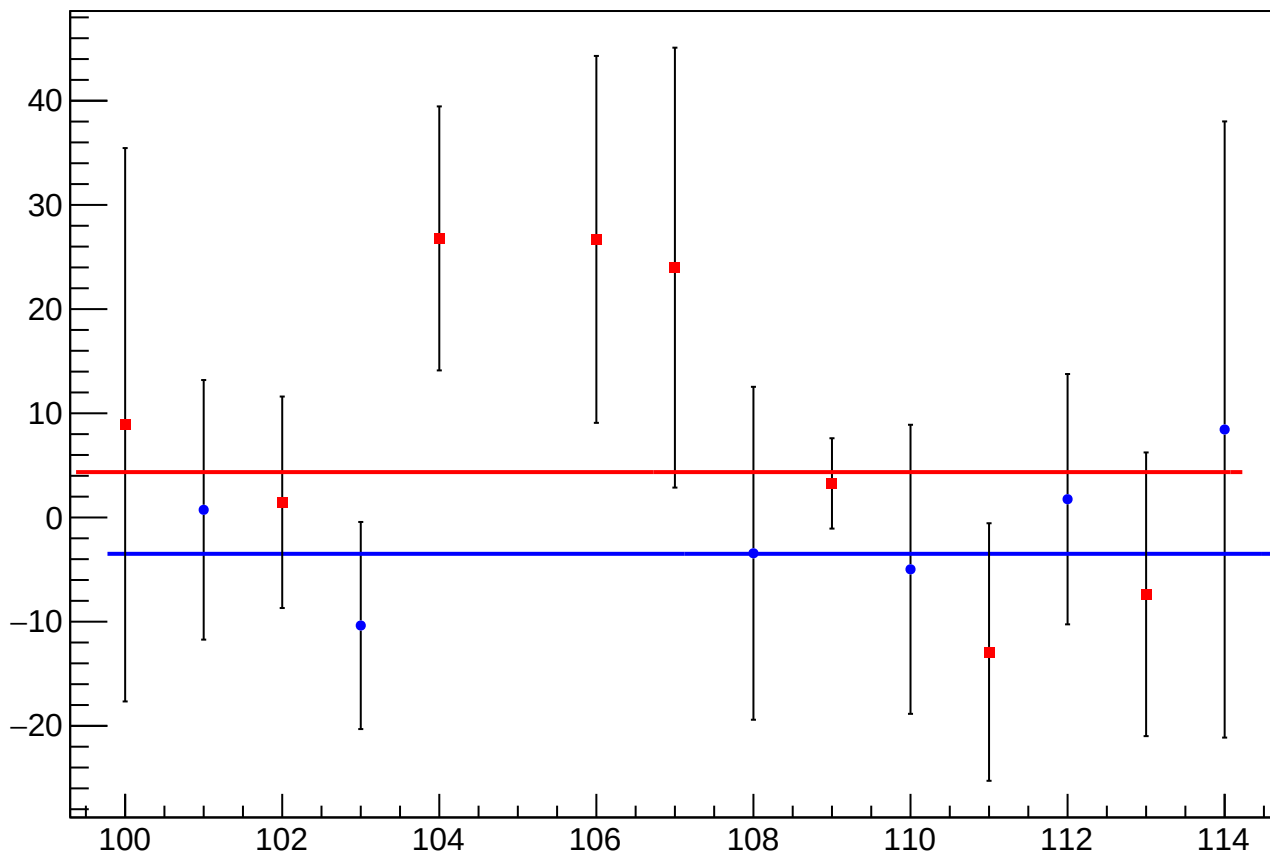
Right Out: 12956.749 $\pm$ 5.235 χ^2 /NDF: 365914.9/7

All: 12551.761 $\pm$ 3.778 χ^2 /NDF: 739335.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1Y_mean vs Slug



Right In: -3.487+/-5.443 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.356+/-3.372 χ^2/NDF : 8.5/7

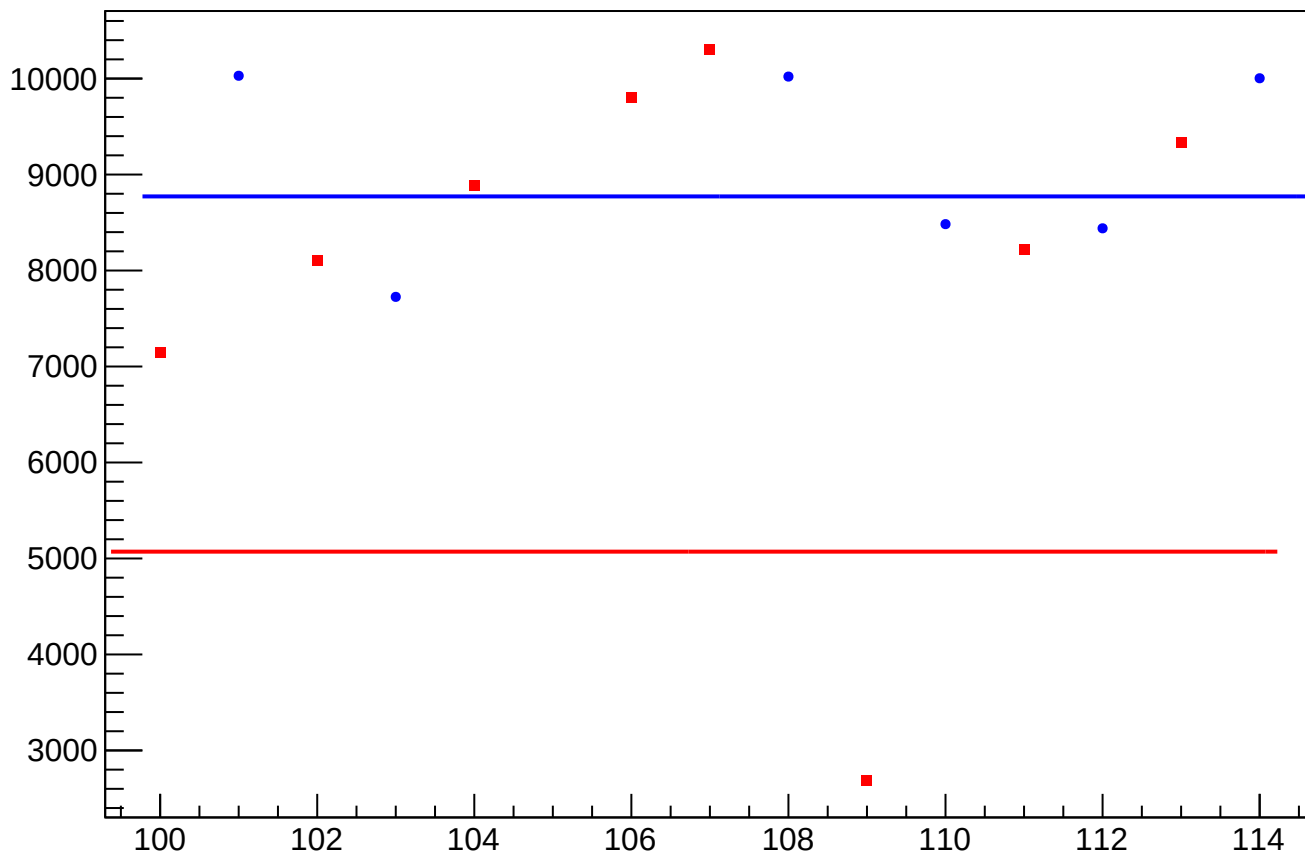
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.181+/-2.867 χ^2/NDF : 10.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



Right In: 8772.204+/-3.849 χ^2/NDF : 60615.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5071.138+/-2.384 χ^2/NDF : 1570378.8/7

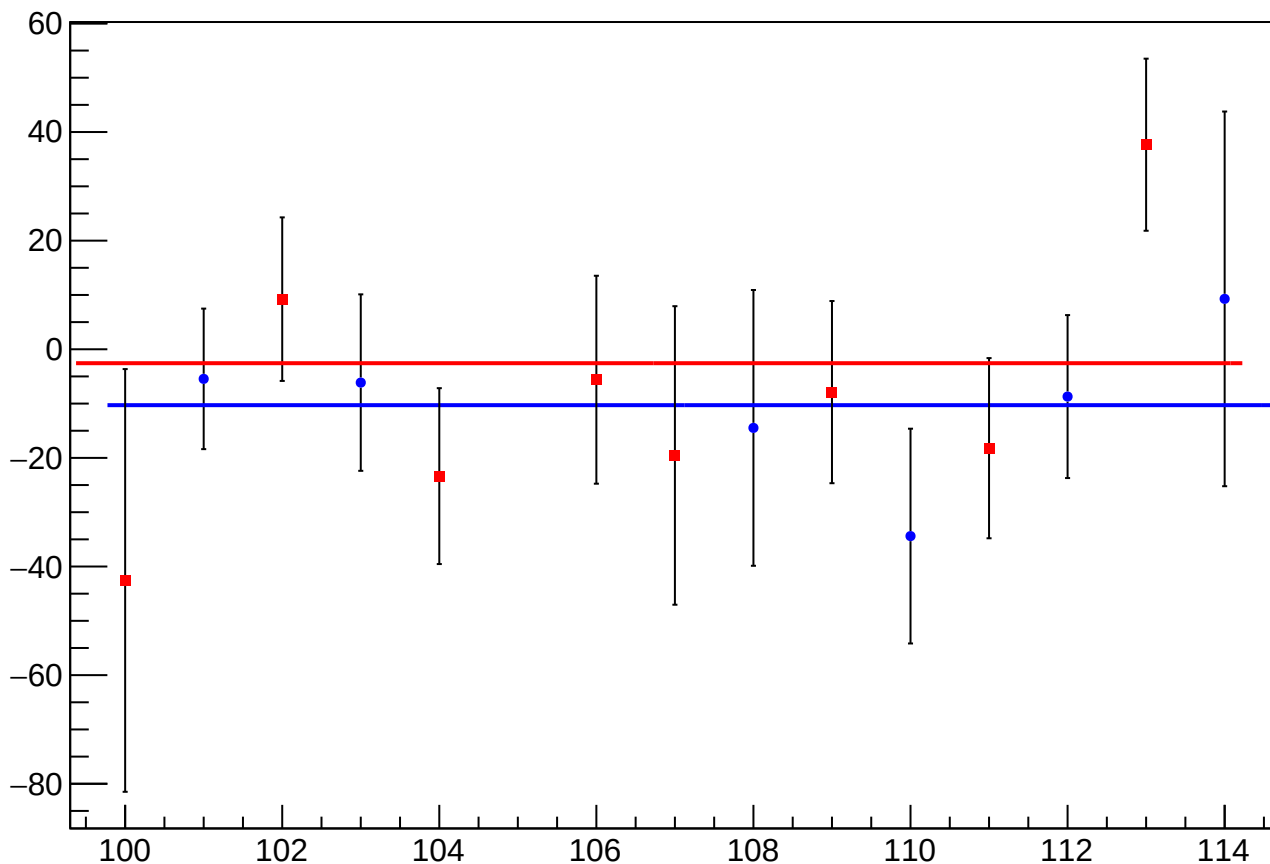
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6097.661+/-2.027 χ^2/NDF : 2299213.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_mean vs Slug



Right In: -10.291 ± 7.225 χ^2/NDF : 2.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.564 ± 6.440 χ^2/NDF : 11.2/7

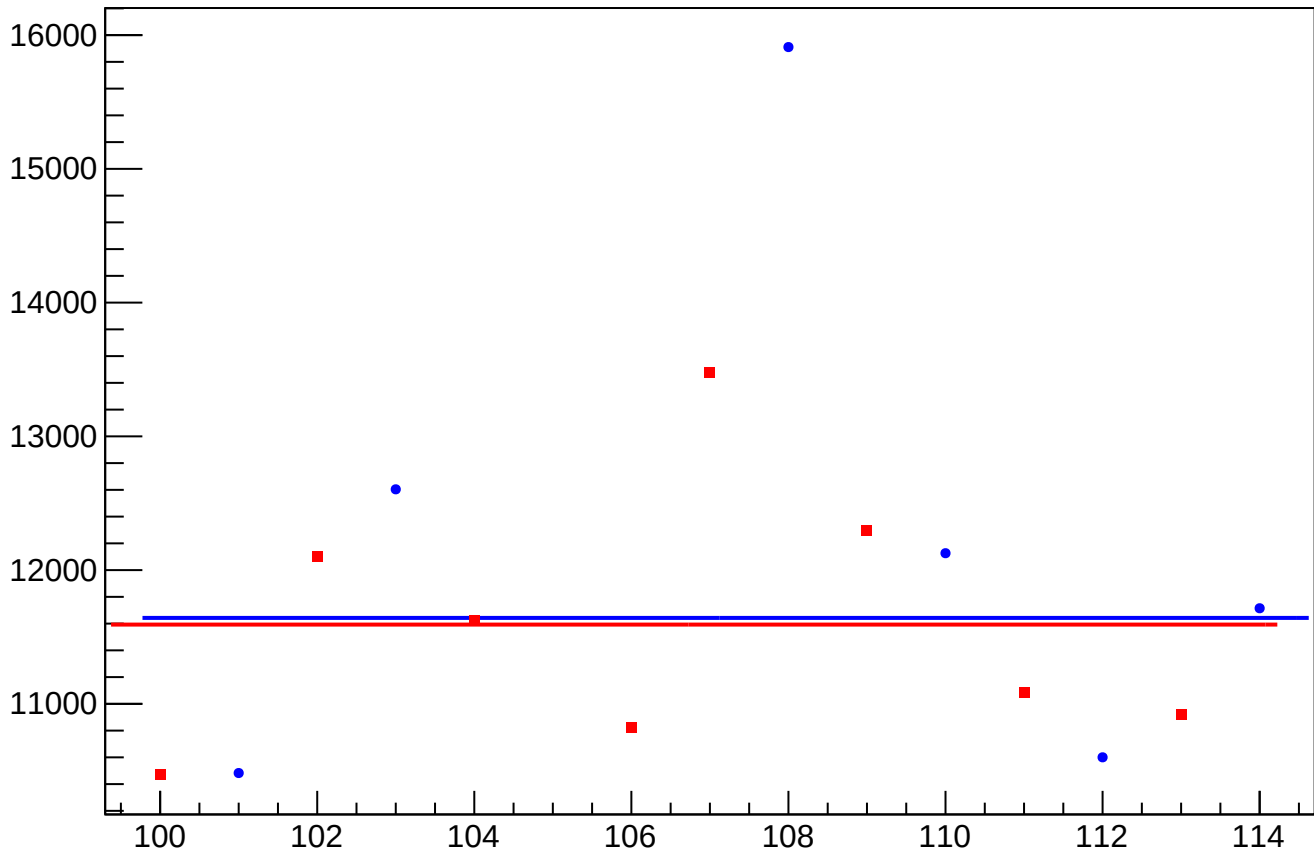
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.985 ± 4.808 χ^2/NDF : 13.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm11X_rms vs Slug



Right In: 11642.613+/-5.109 χ^2/NDF : 90457.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11592.661+/-4.554 χ^2/NDF : 25585.1/7

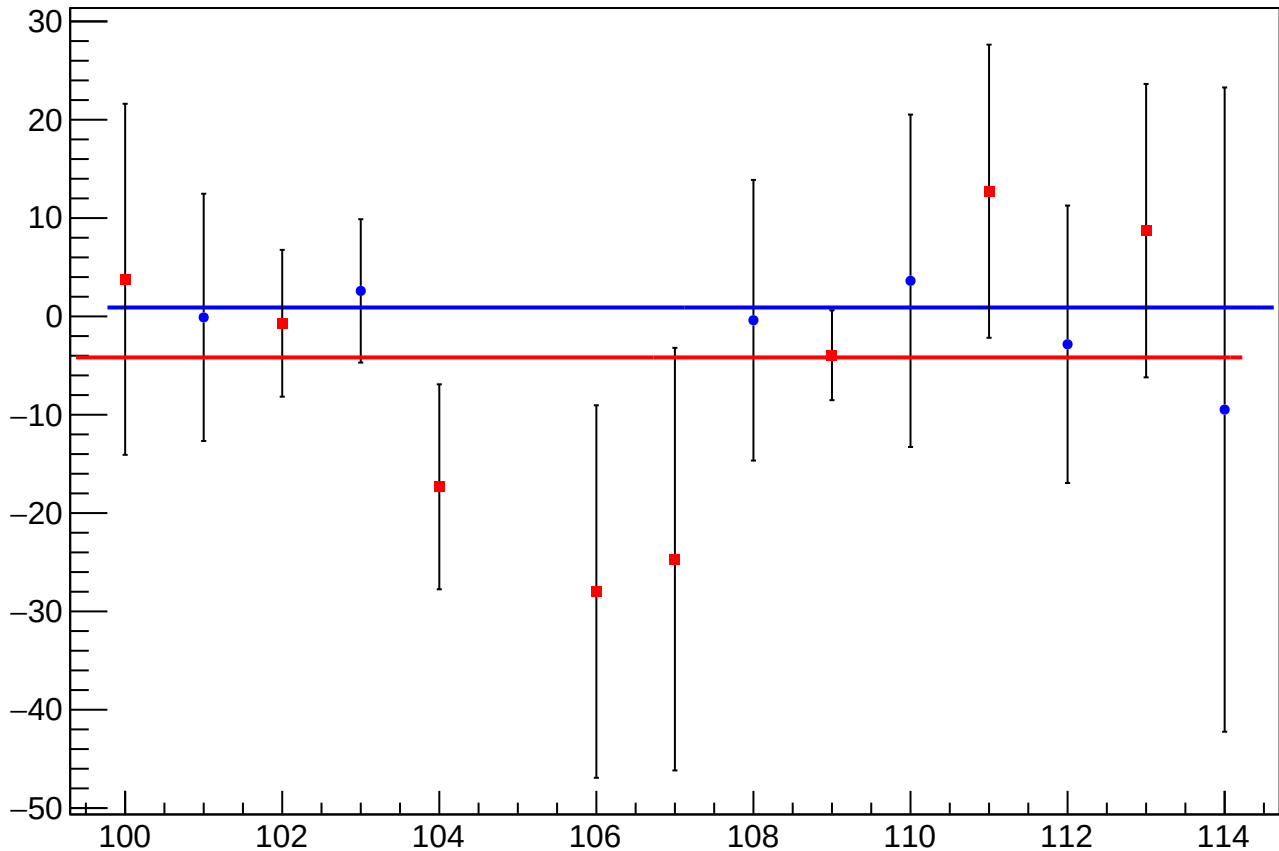
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11614.776+/-3.399 χ^2/NDF : 116096.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: 0.906 ± 5.031 χ^2/NDF : 0.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.173 ± 3.294 χ^2/NDF : 6.5/7

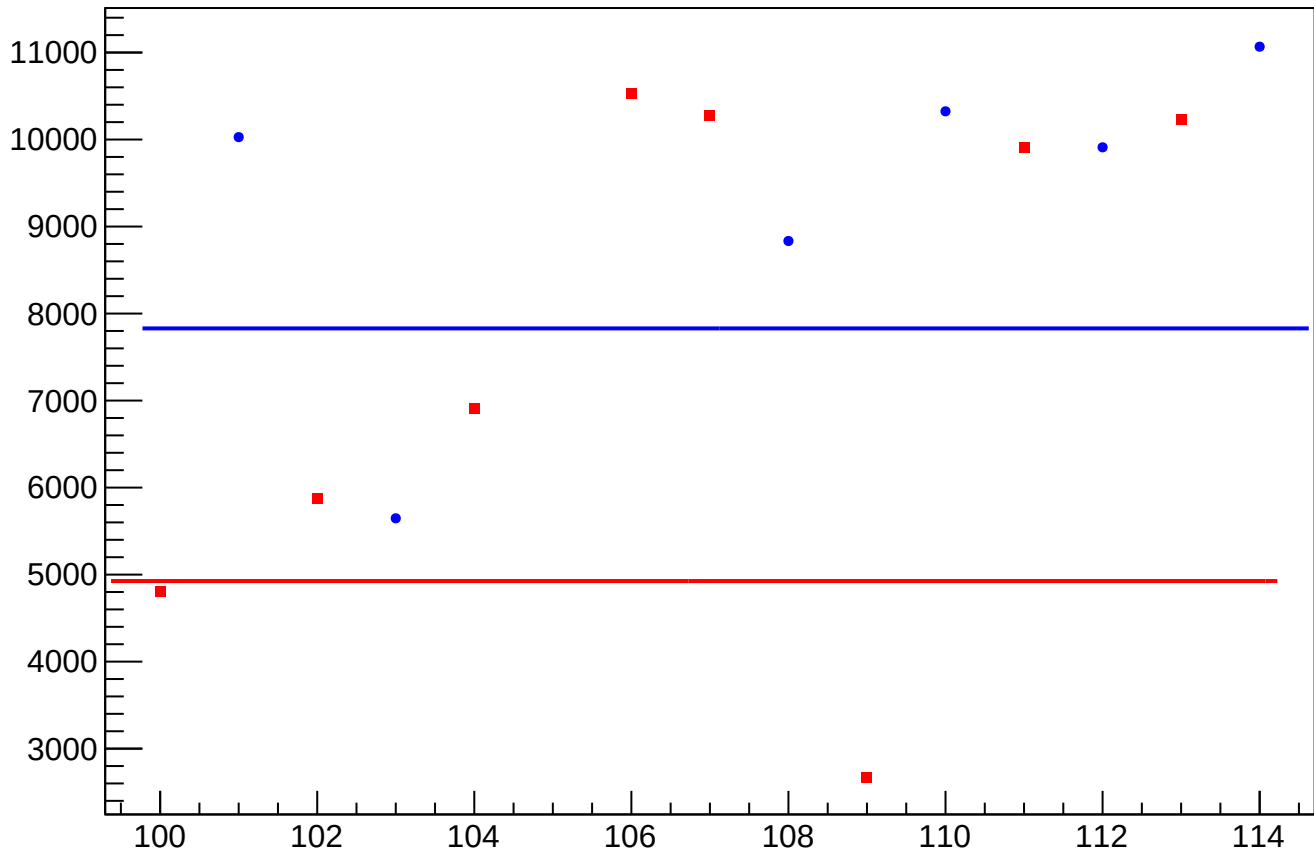
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.650 ± 2.756 χ^2/NDF : 7.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 7829.509+/-3.558 χ^2/NDF : 356862.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

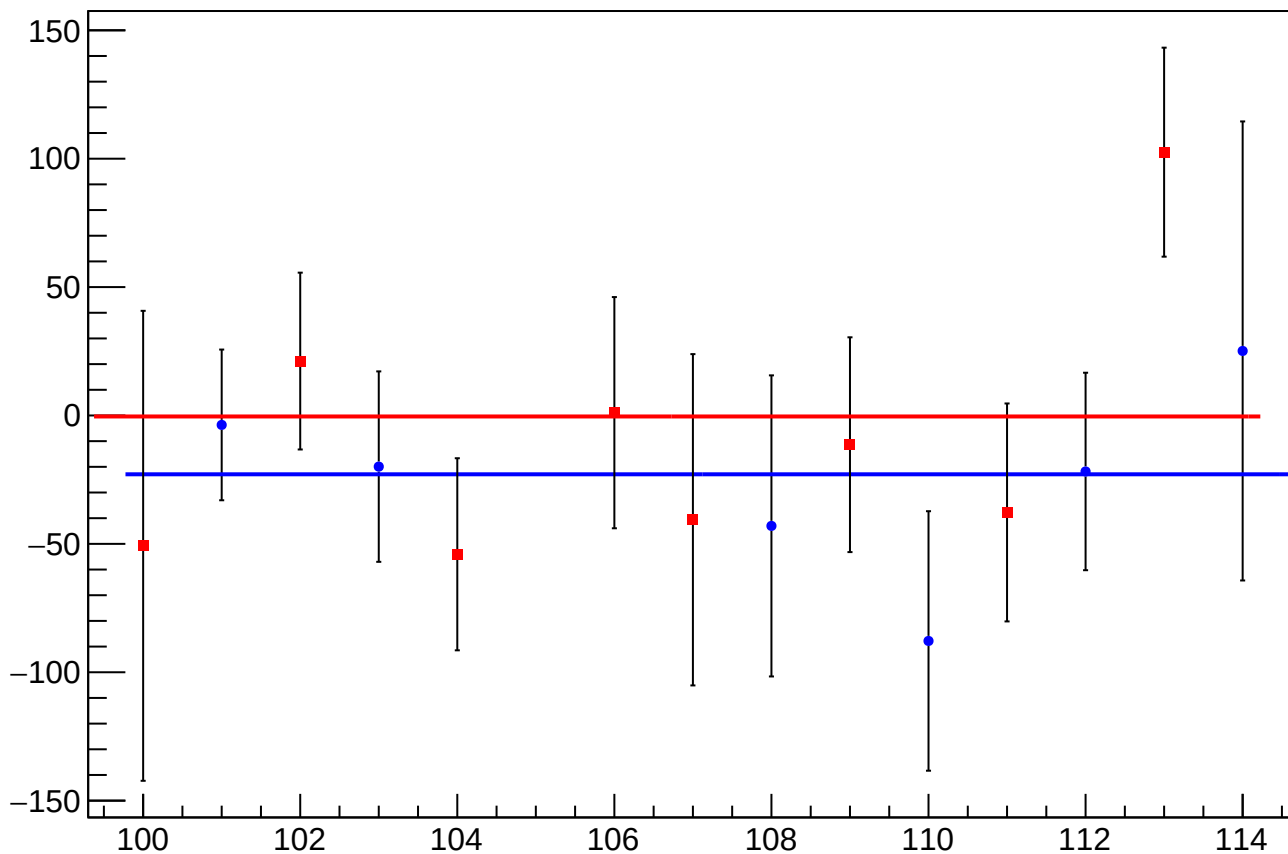
Right Out: 4926.176+/-2.329 χ^2/NDF : 1368085.5/7

All: 5797.092+/-1.949 χ^2/NDF : 2191152.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_mean vs Slug



Right In: -22.907 $\pm$ 17.220 χ^2 /NDF: 2.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.387 $\pm$ 15.538 χ^2 /NDF: 10.4/7

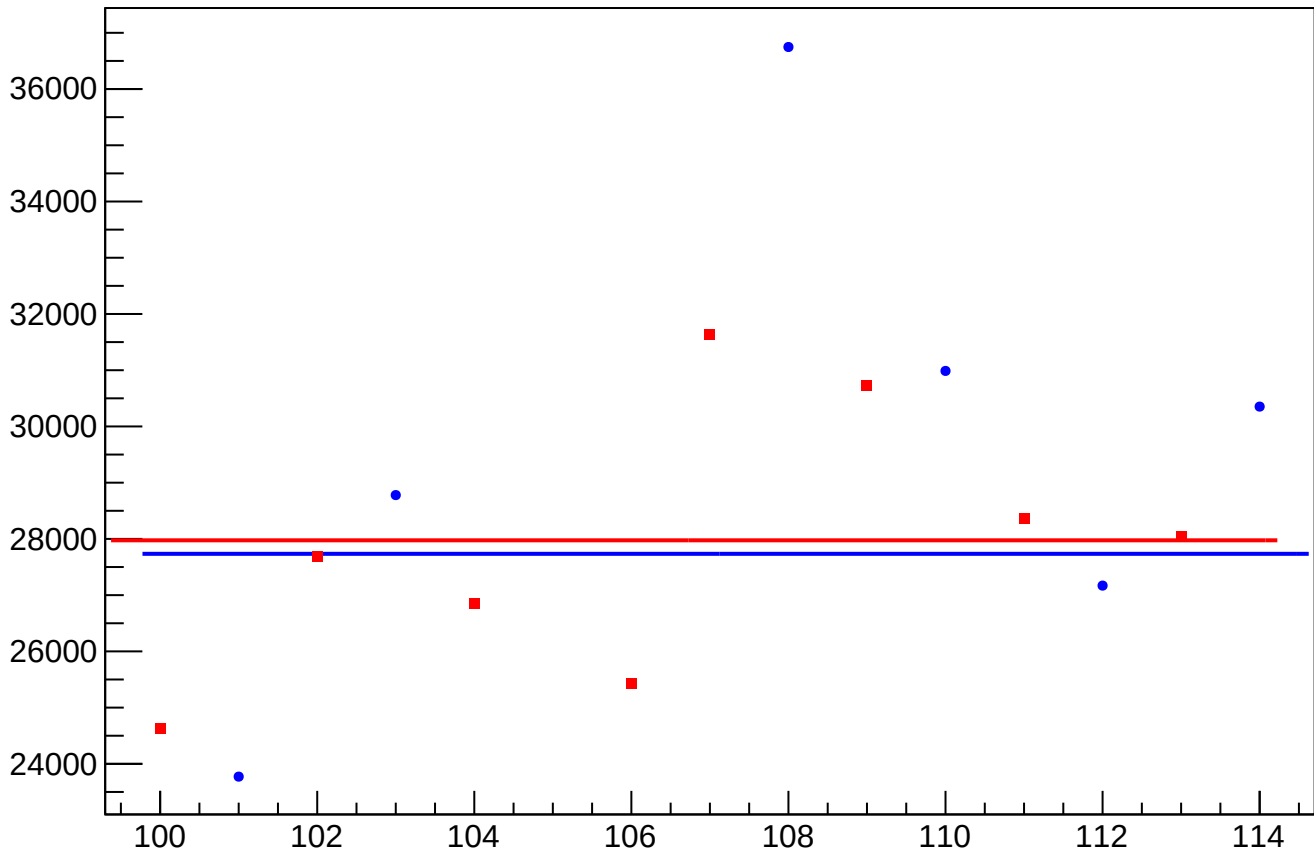
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.494 $\pm$ 11.536 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm12X_rms vs Slug



Right In: 27734.820+/-12.176 χ^2/NDF : 95748.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

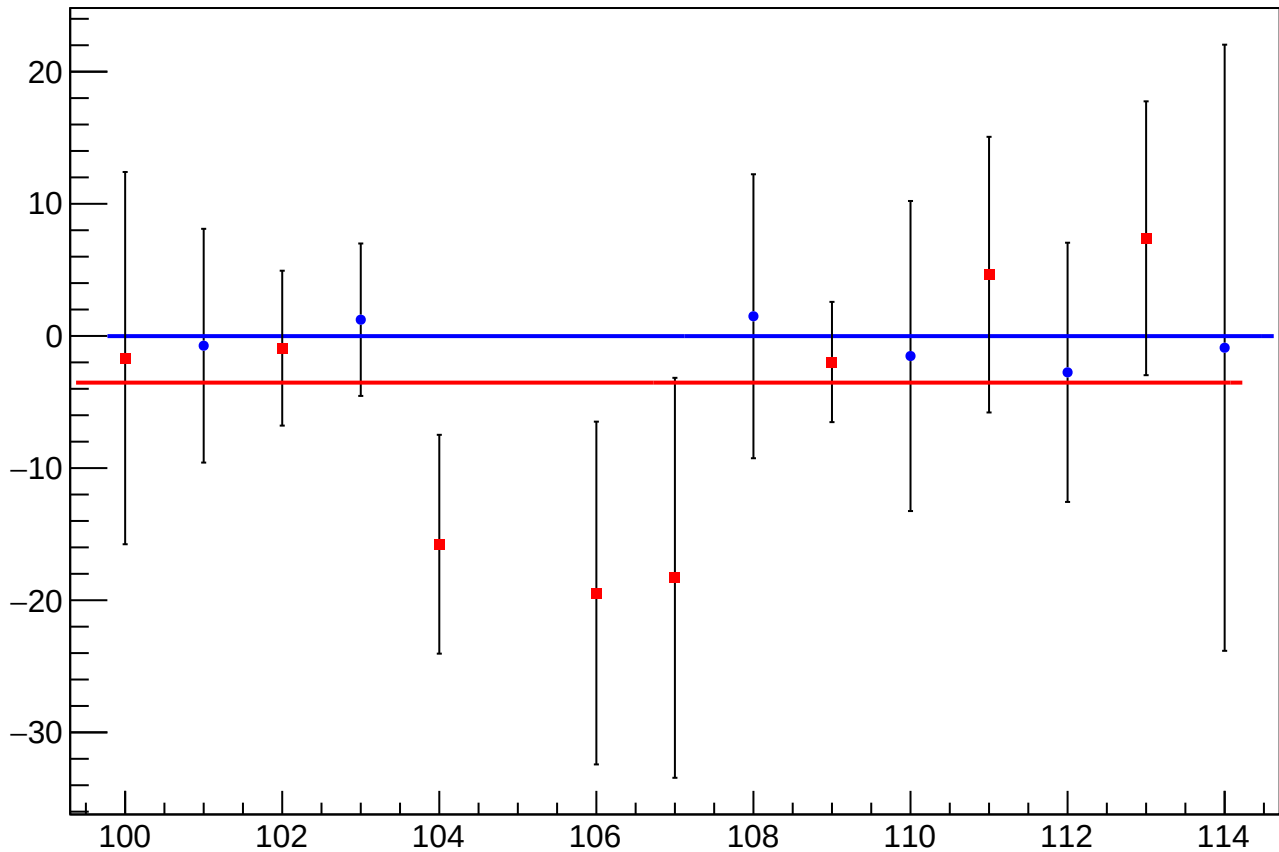
Right Out: 27975.041+/-10.987 χ^2/NDF : 26301.7/7

All: 27867.233+/-8.157 χ^2/NDF : 122264.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_mean vs Slug



Right In: -0.013 $\pm$ 3.751 χ^2 /NDF: 0.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.532 $\pm$ 2.819 χ^2 /NDF: 6.7/7

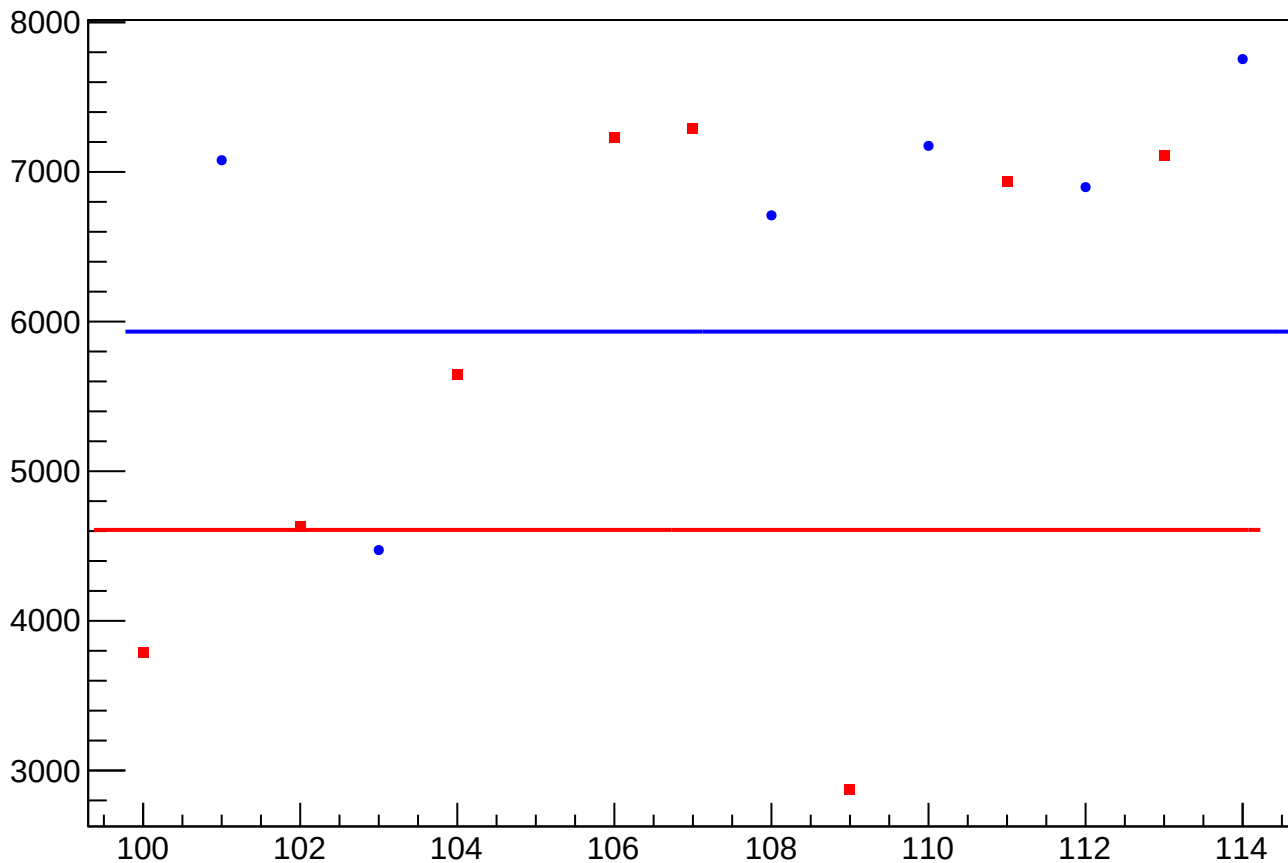
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.262 $\pm$ 2.253 χ^2 /NDF: 7.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm12Y_rms vs Slug



Right In: 5932.993+/-2.653 χ^2/NDF : 226470.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4607.854+/-1.993 χ^2/NDF : 689444.8/7

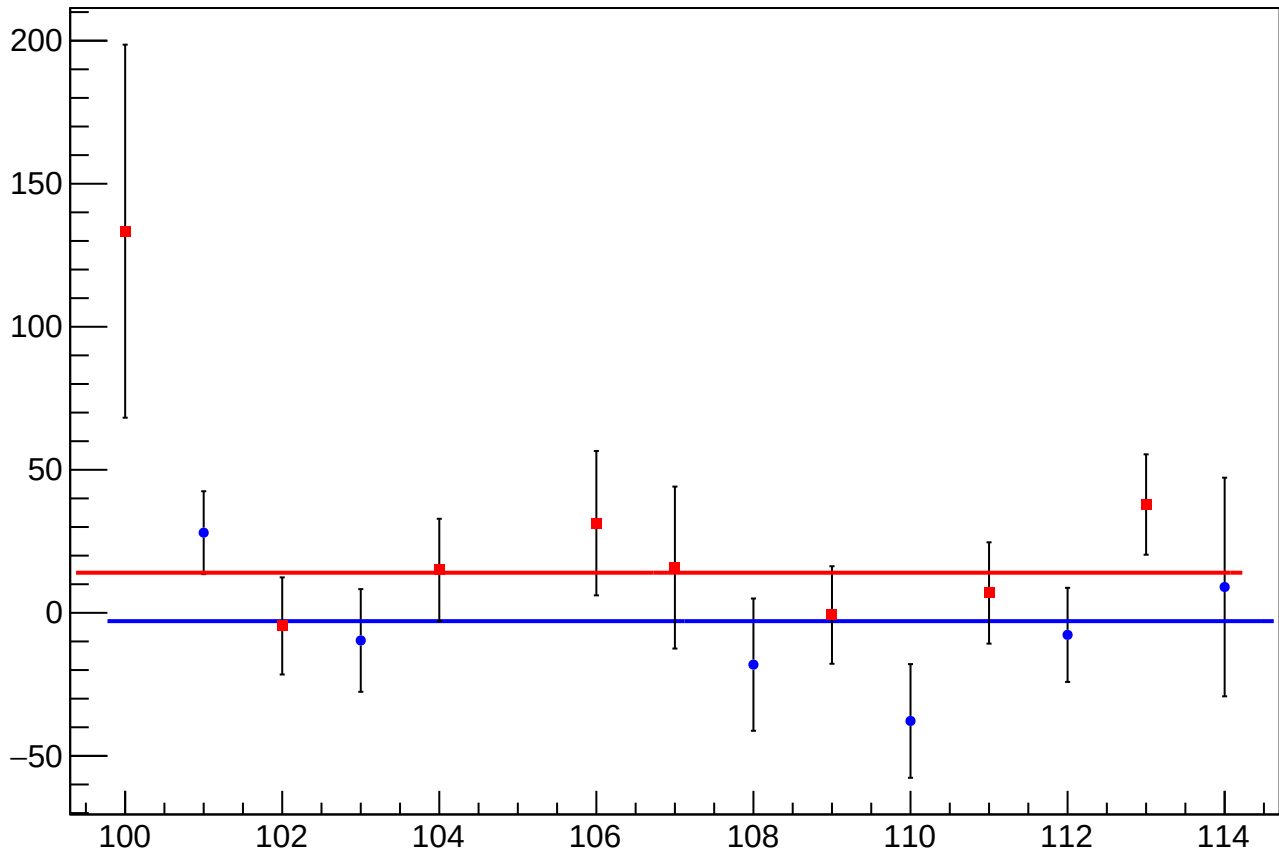
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5086.053+/-1.593 χ^2/NDF : 1075425.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs Slug



Right In: -2.903 ± 7.749 χ^2/NDF : 8.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.027 ± 7.156 χ^2/NDF : 7.8/7

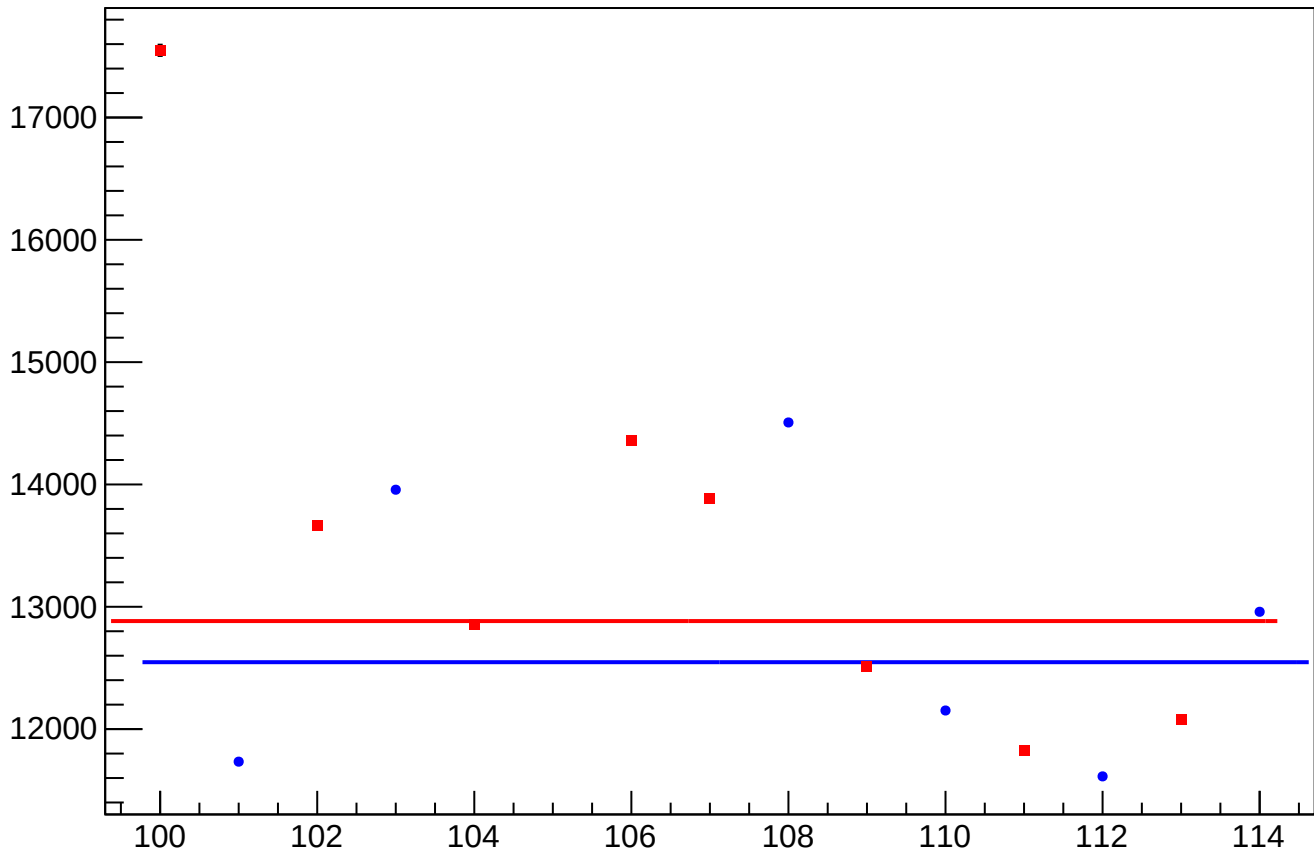
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.235 ± 5.257 χ^2/NDF : 18.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16X_rms vs Slug



Right In: 12546.983 $\pm$ 5.479 χ^2 /NDF: 40484.1/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 12883.204 $\pm$ 5.060 χ^2 /NDF: 36102.7/7

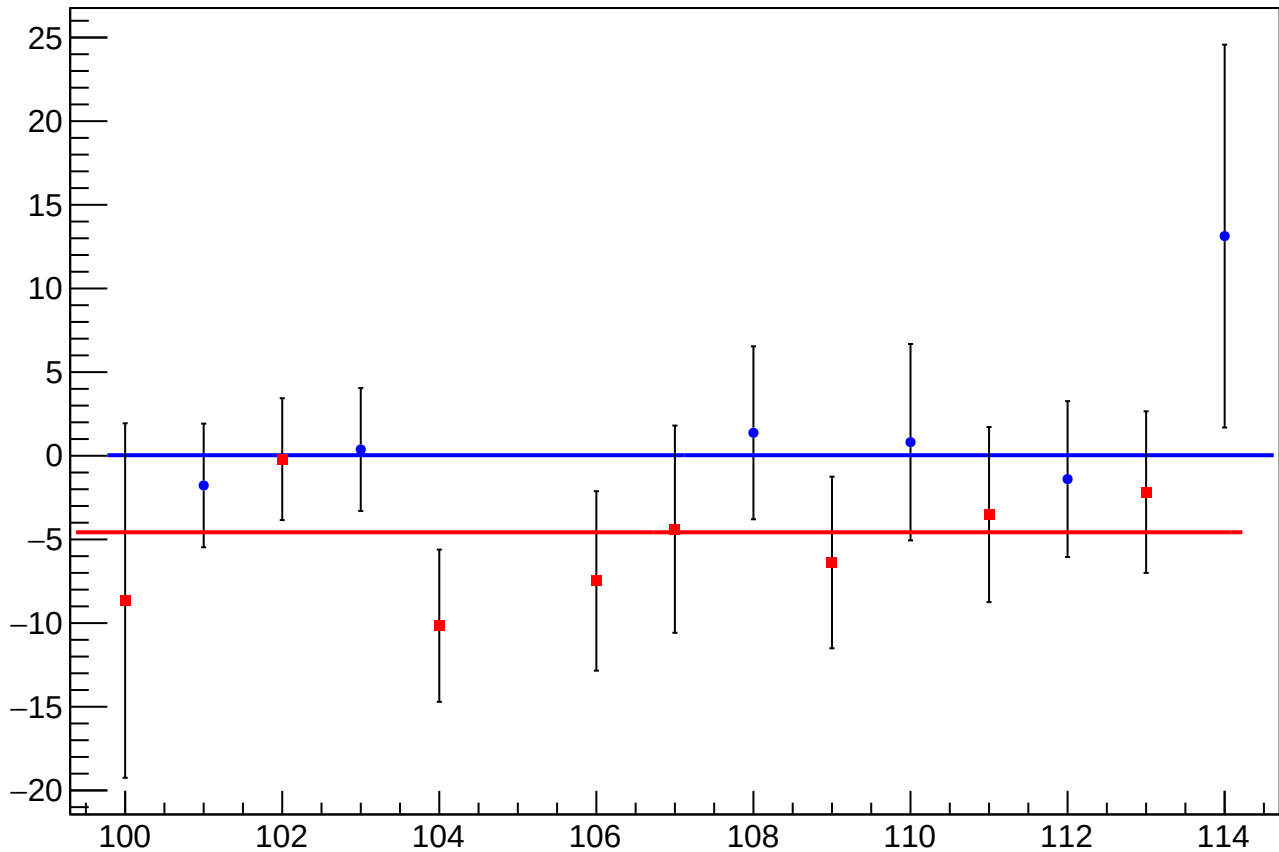
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 12728.448 $\pm$ 3.717 χ^2 /NDF: 78619.0/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 0.034 ± 1.933 χ^2/NDF : 1.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.572 ± 1.794 χ^2/NDF : 3.8/7

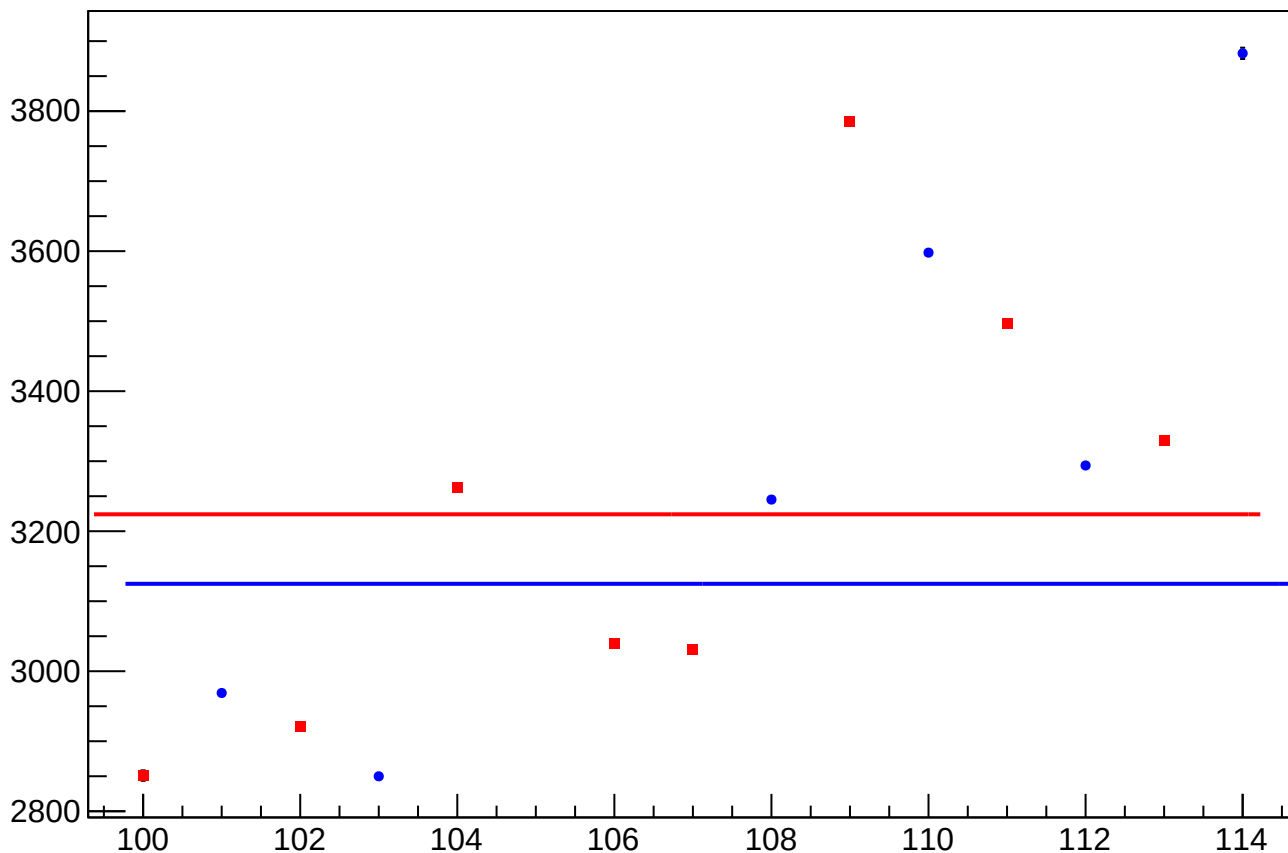
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.441 ± 1.315 χ^2/NDF : 8.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 3124.872+/-1.367 χ^2/NDF : 40251.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3224.131+/-1.268 χ^2/NDF : 51204.0/7

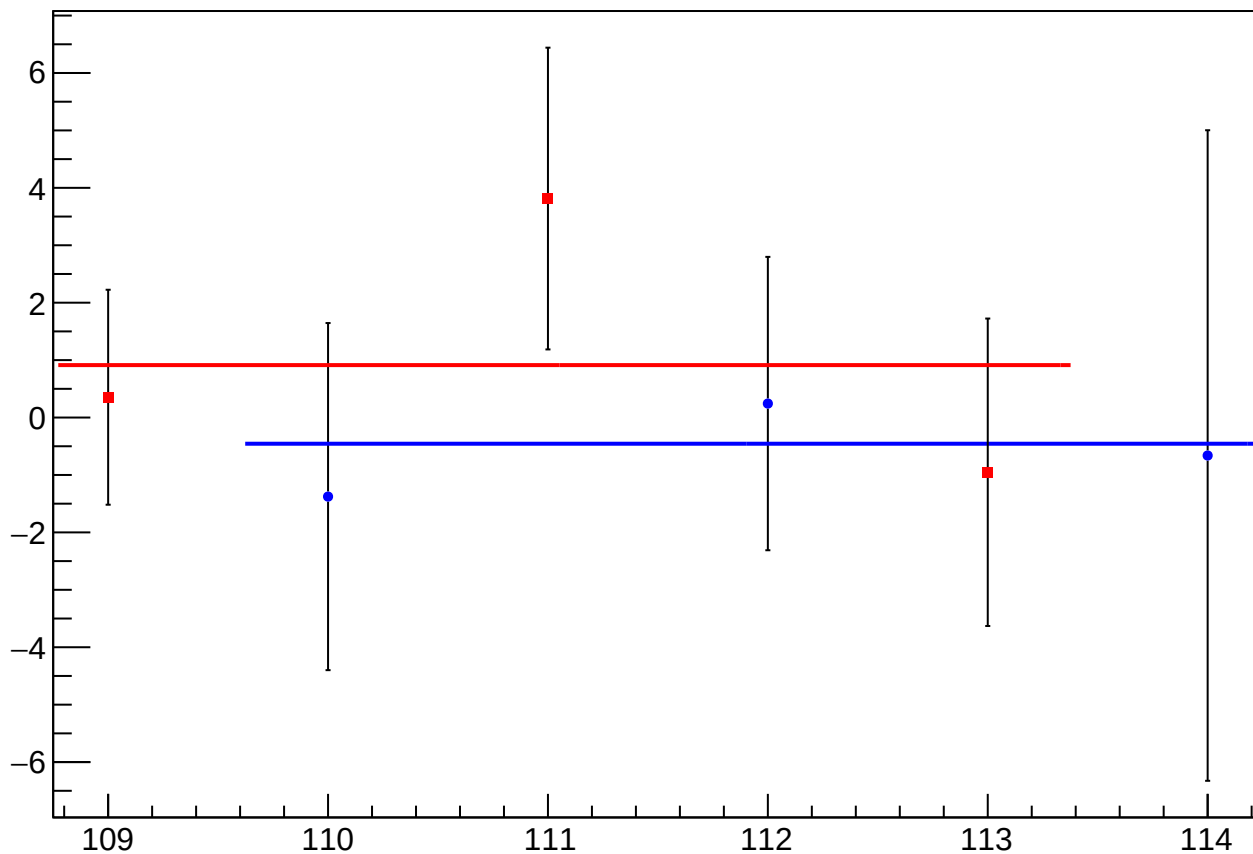
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3178.217+/-0.930 χ^2/NDF : 94288.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_mean vs Slug



Right In: -0.456 $\pm$ 1.845 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.913 $\pm$ 1.325 χ^2 /NDF: 1.8/2

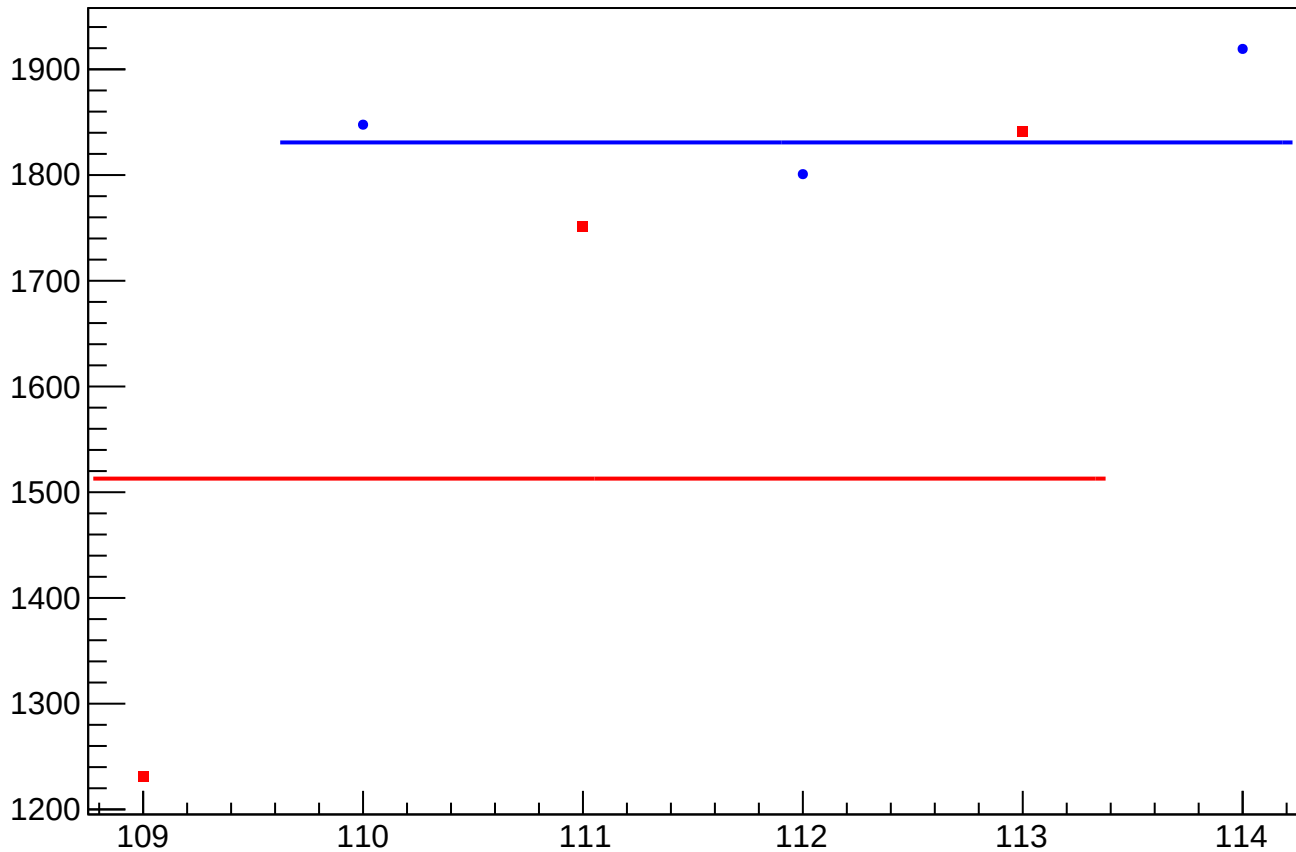
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.447 $\pm$ 1.076 χ^2 /NDF: 2.3/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1830.849+/-1.304 χ^2/NDF : 825.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.883+/-0.937 χ^2/NDF : 91903.6/2

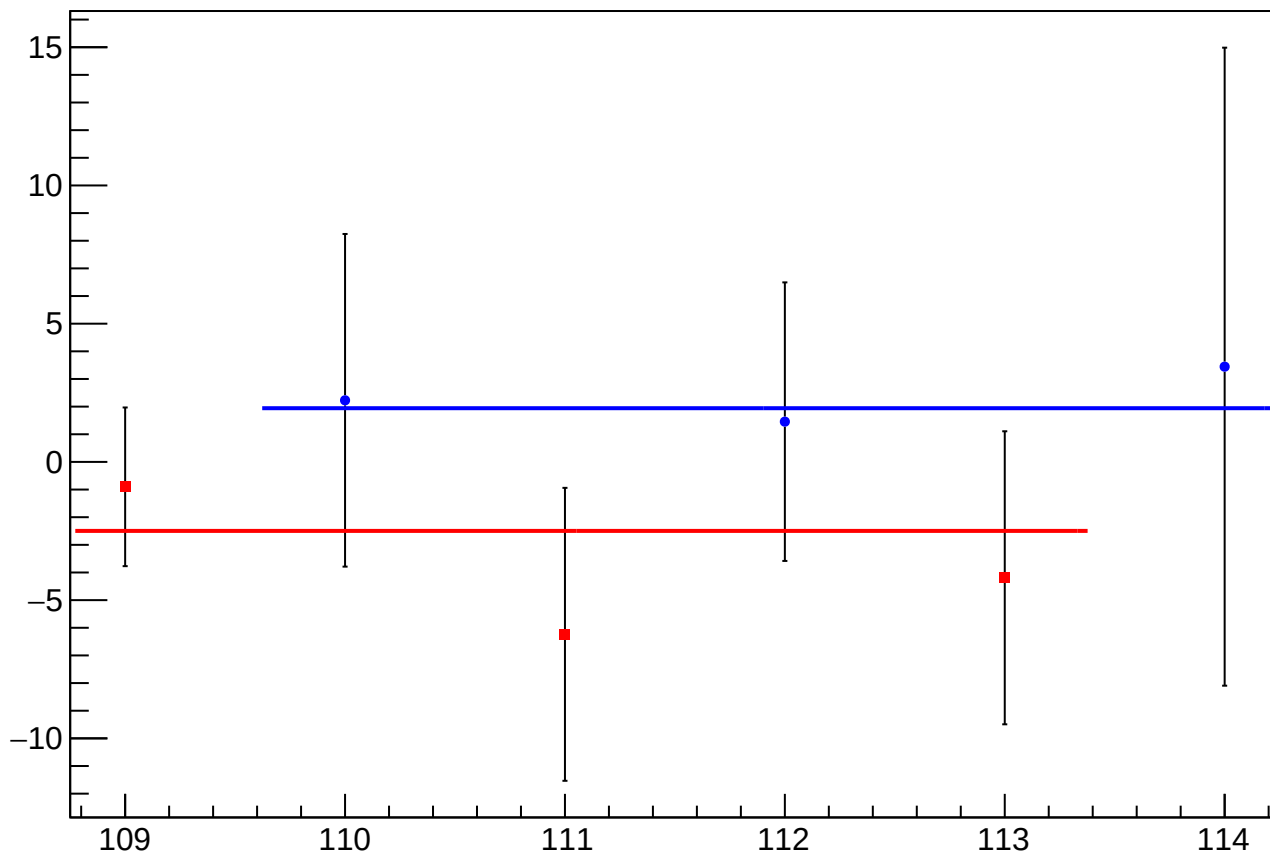
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.075+/-0.761 χ^2/NDF : 131936.5/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug



Right In: 1.943 $\pm$ 3.663 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.496 $\pm$ 2.278 χ^2 /NDF: 0.9/2

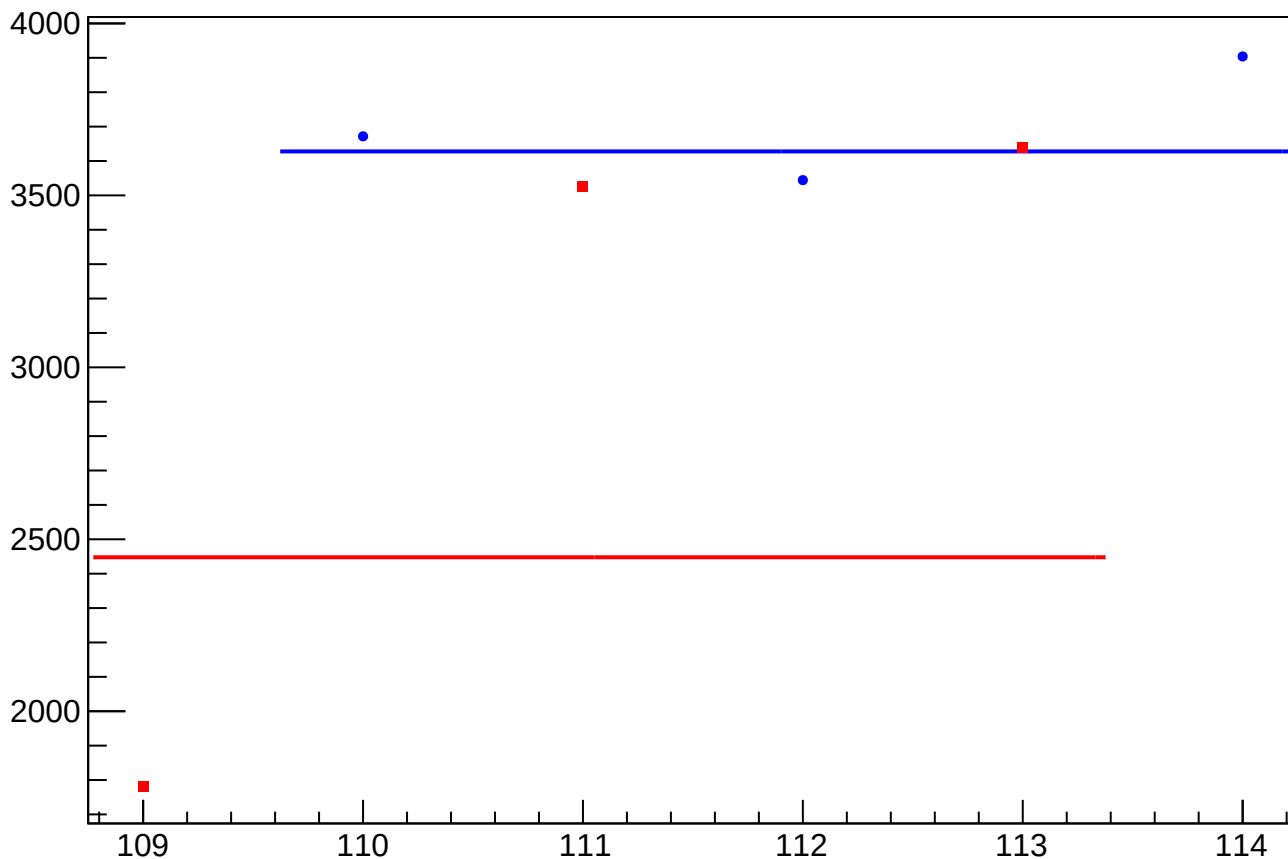
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.258 $\pm$ 1.935 χ^2 /NDF: 2.0/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 3627.819+/-2.590 χ^2/NDF : 1800.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2447.734+/-1.611 χ^2/NDF : 291318.4/2

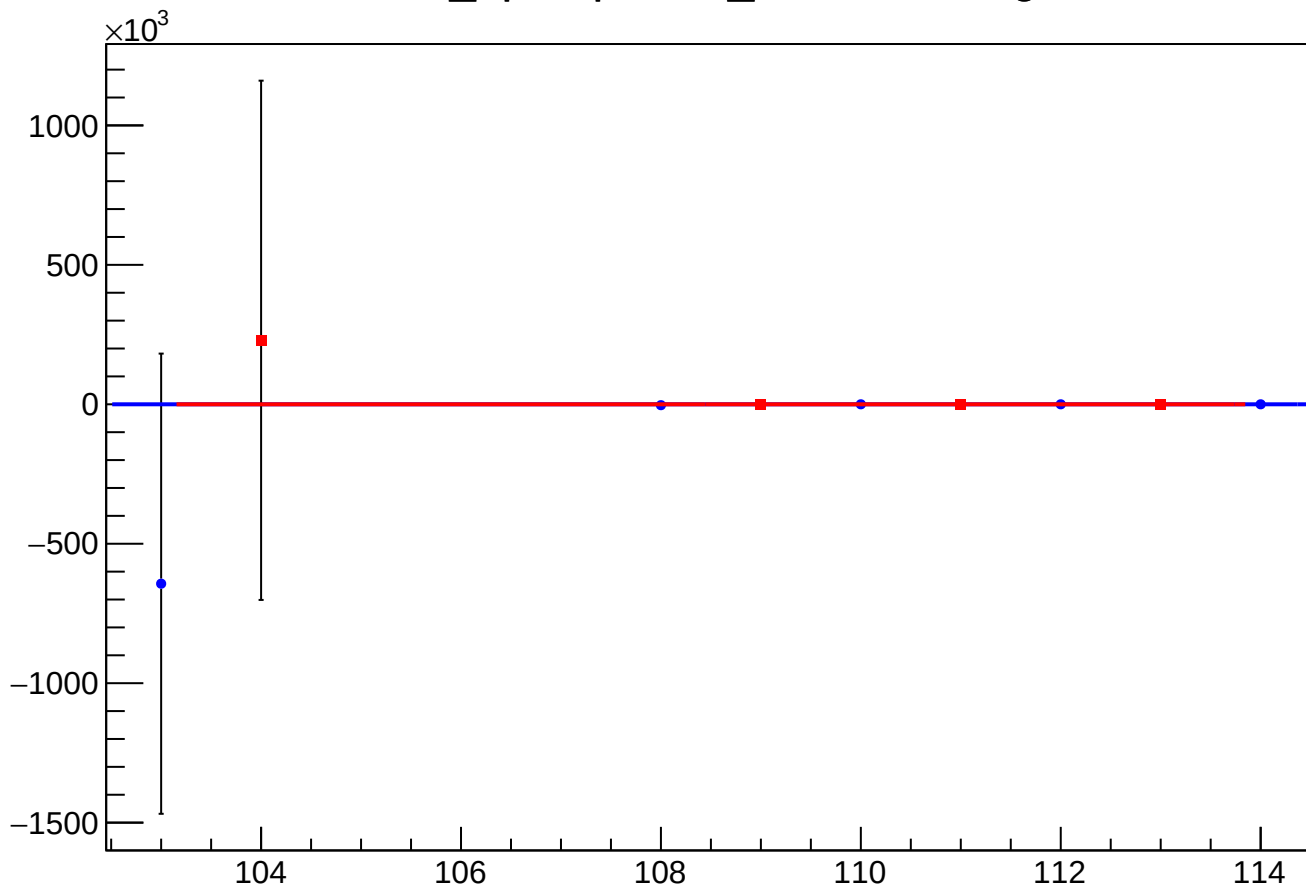
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.937+/-1.368 χ^2/NDF : 442806.2/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: 4.703 $\pm$ 2.969 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.781 $\pm$ 2.478 χ^2 /NDF: 4.5/3

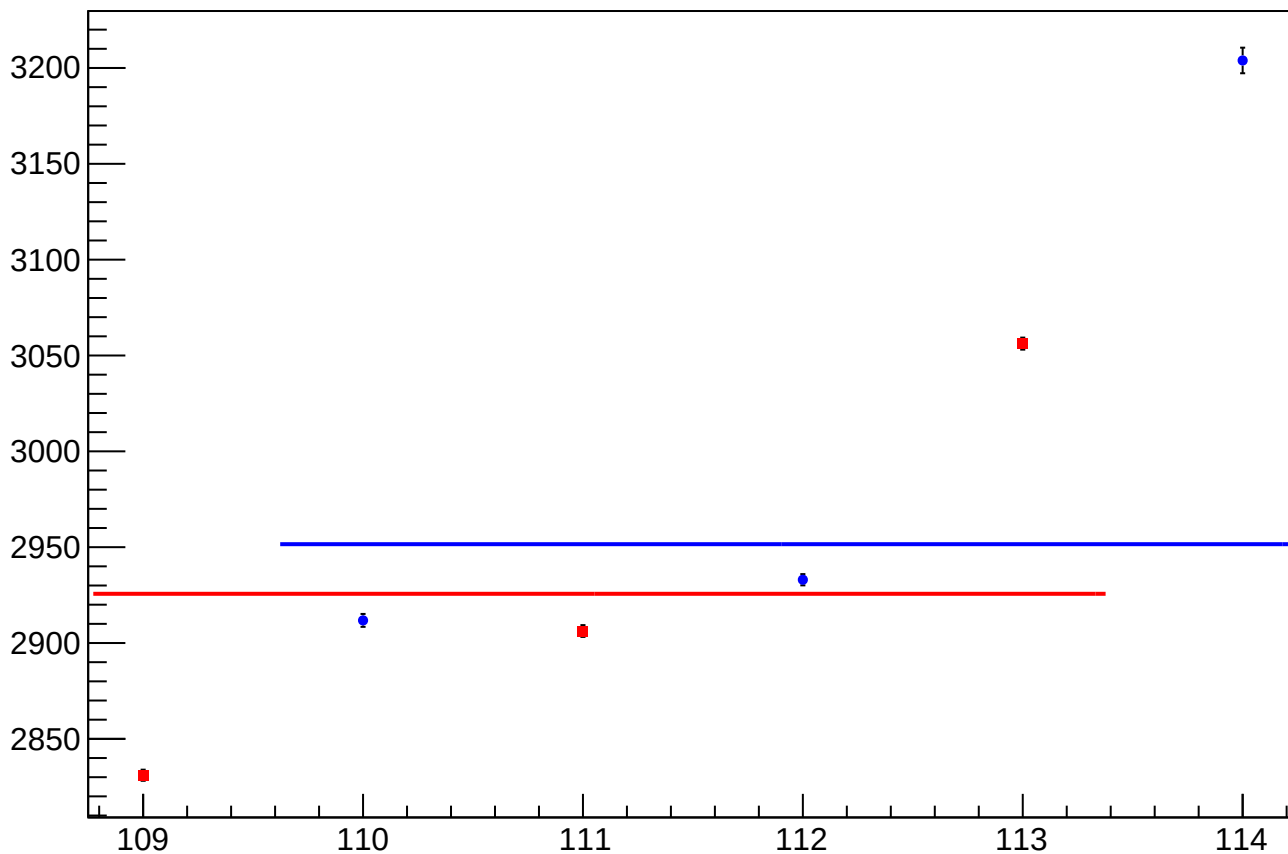
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.298 $\pm$ 1.903 χ^2 /NDF: 12.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 2951.562 $\pm$ 2.100 χ^2 /NDF: 1609.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2925.679 $\pm$ 1.752 χ^2 /NDF: 2832.7/2

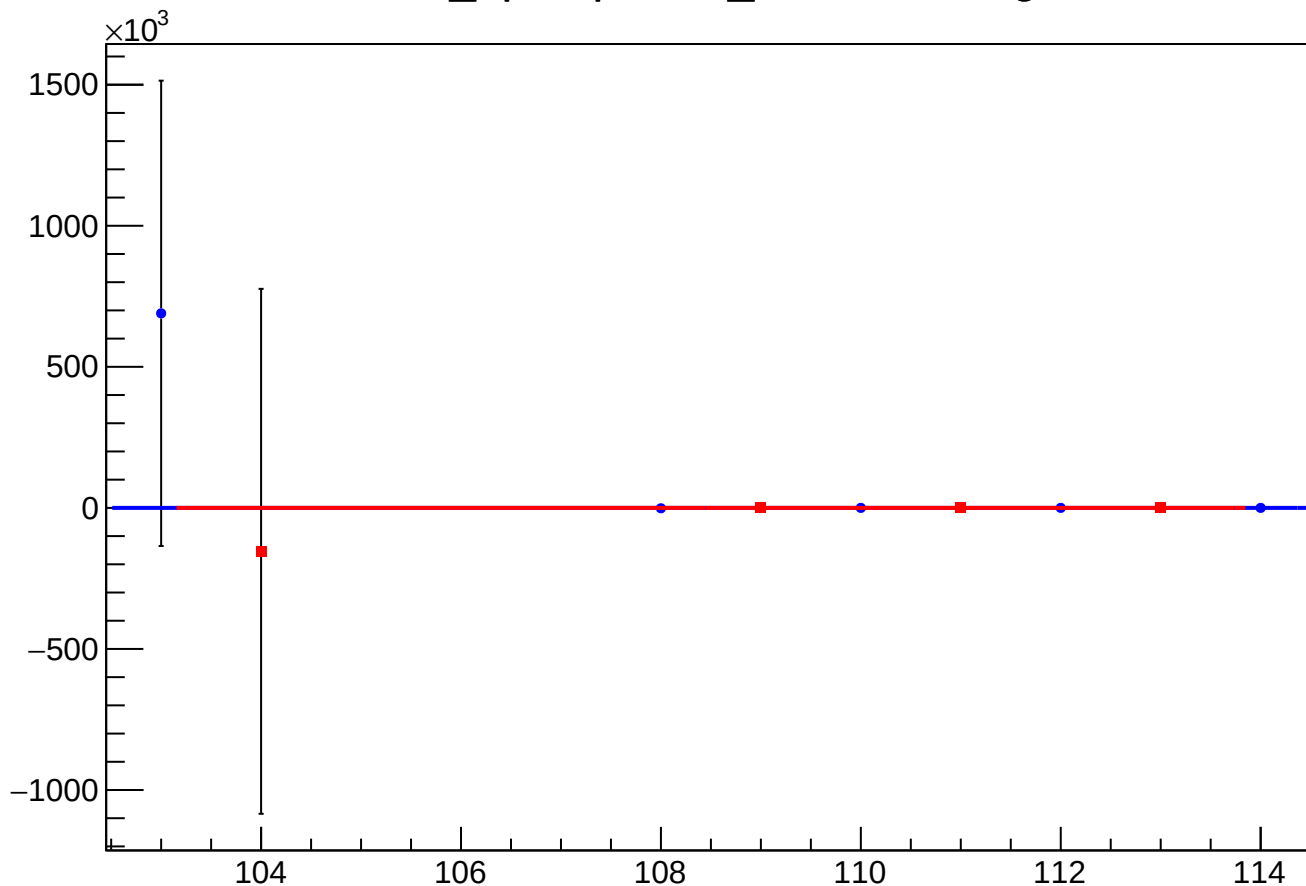
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2936.305 $\pm$ 1.345 χ^2 /NDF: 4531.2/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: 0.289+/-3.155 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.369+/-1.934 χ^2/NDF : 1.1/3

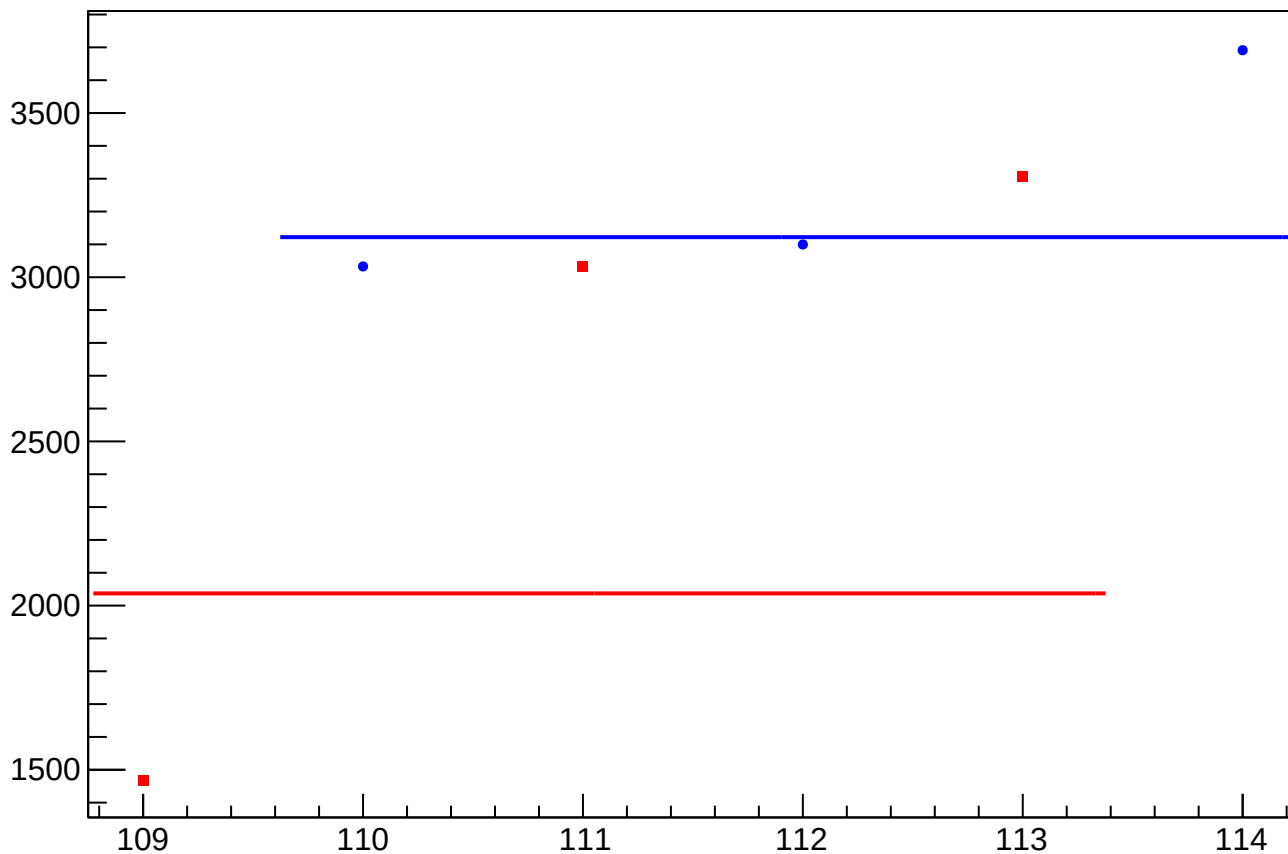
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.643+/-1.649 χ^2/NDF : 2.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 3122.021+/-2.231 χ^2/NDF : 6134.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2037.150+/-1.368 χ^2/NDF : 345954.3/2

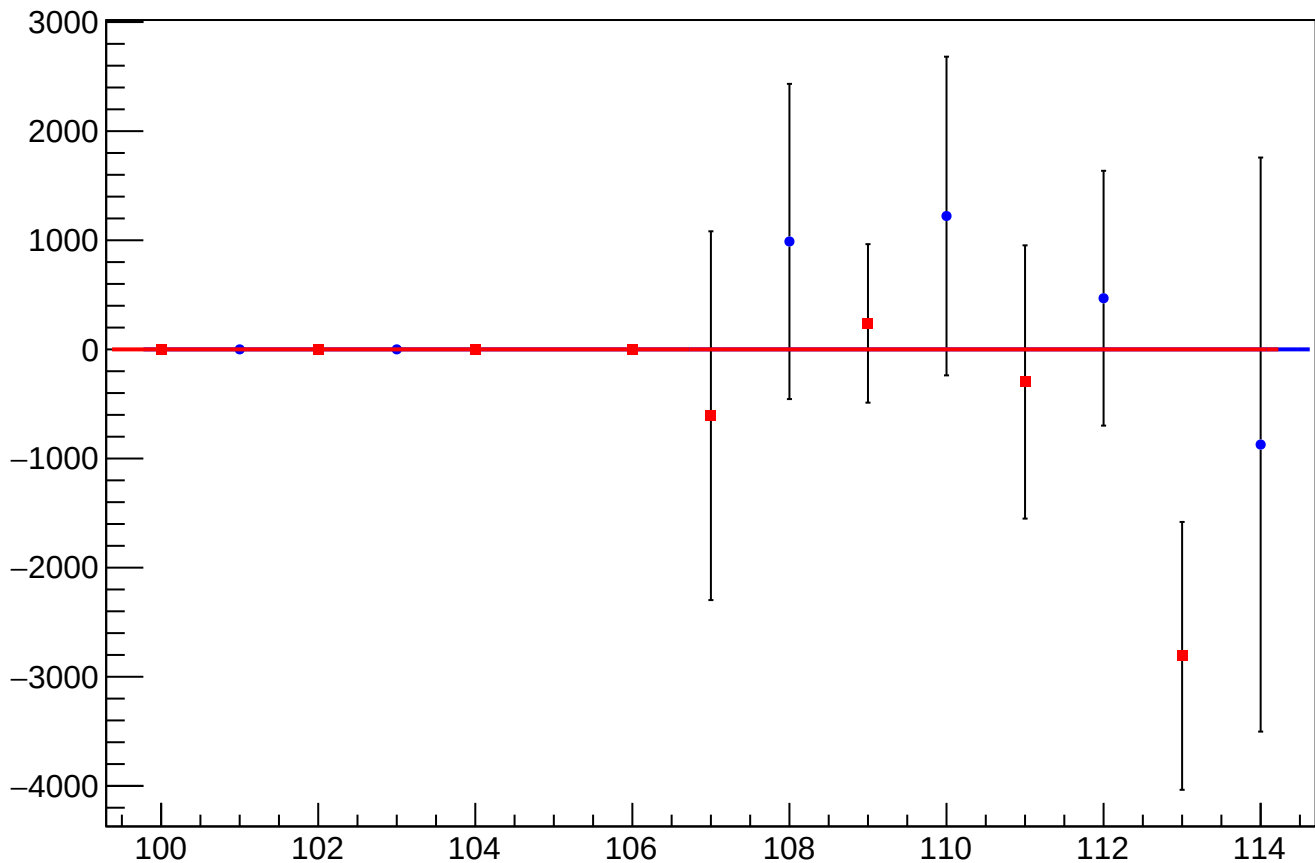
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.456+/-1.166 χ^2/NDF : 523928.5/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_mean vs Slug



Right In: 0.256+/-0.356 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.328 χ^2/NDF : 9.0/7

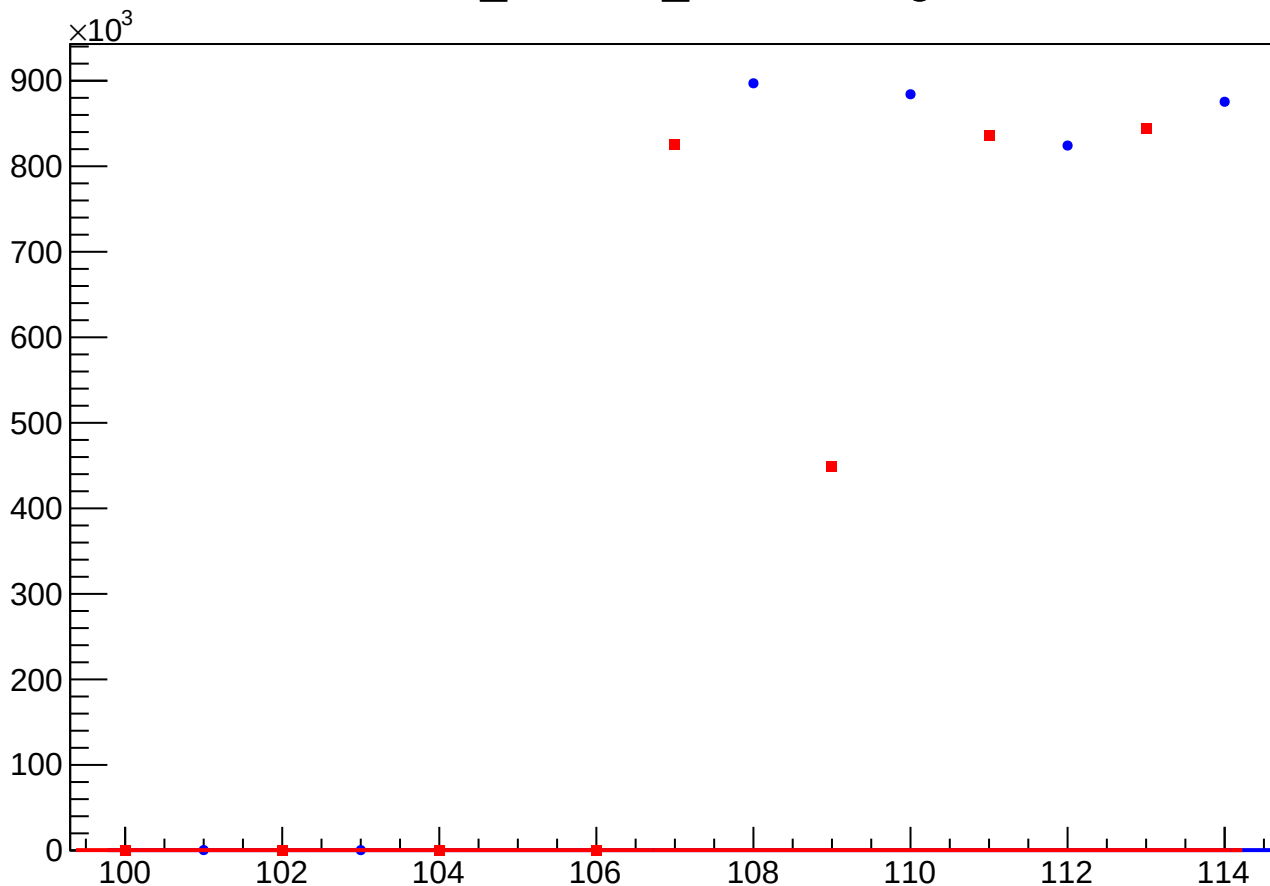
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.170+/-0.241 χ^2/NDF : 10.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_rms vs Slug



Right In: 398.368 $\pm$ 0.251 χ^2/NDF : 2622565.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 392.914 $\pm$ 0.232 χ^2/NDF : 3058608.0/7

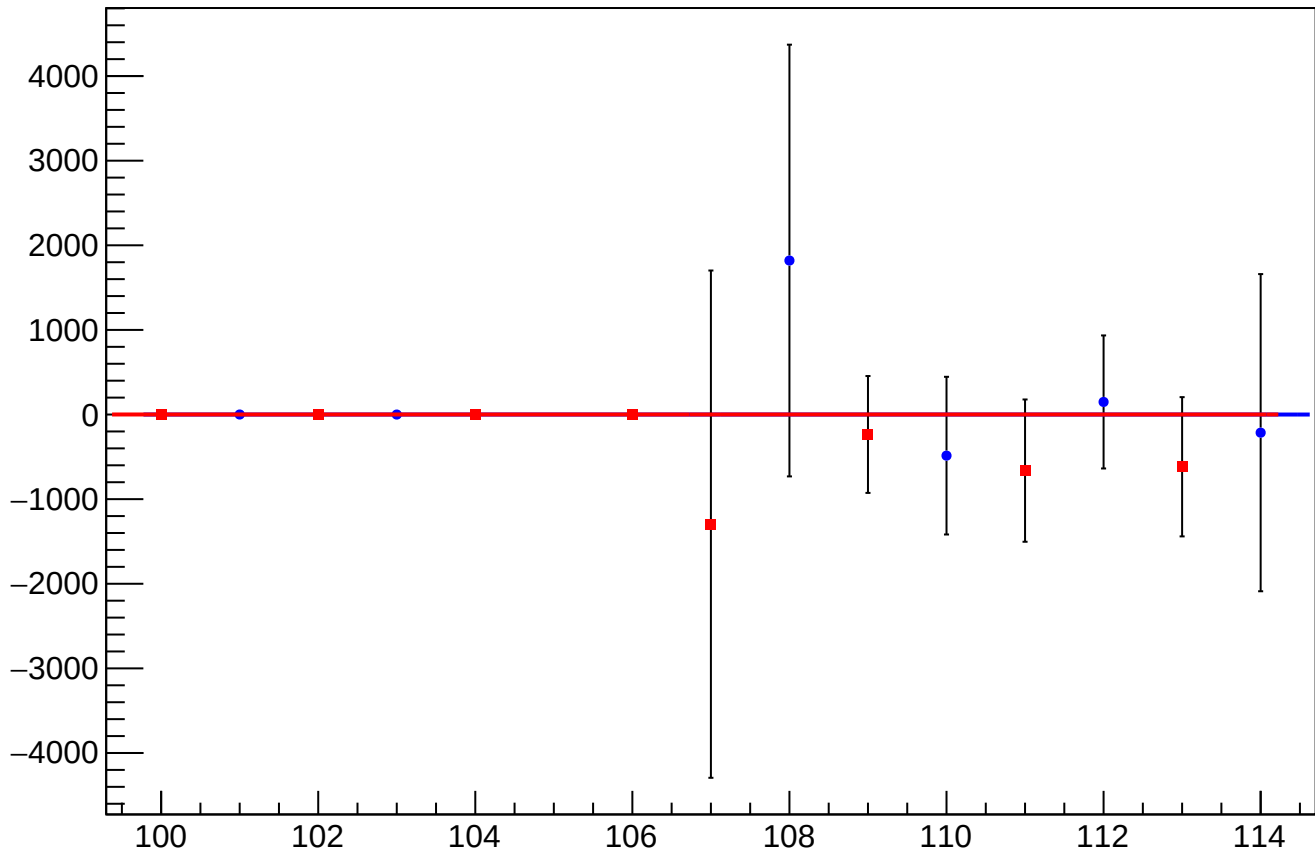
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.419 $\pm$ 0.170 χ^2/NDF : 5681427.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_mean vs Slug



Right In: -0.020 ± 0.347 χ^2/NDF : 1.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.598 ± 0.324 χ^2/NDF : 1.6/7

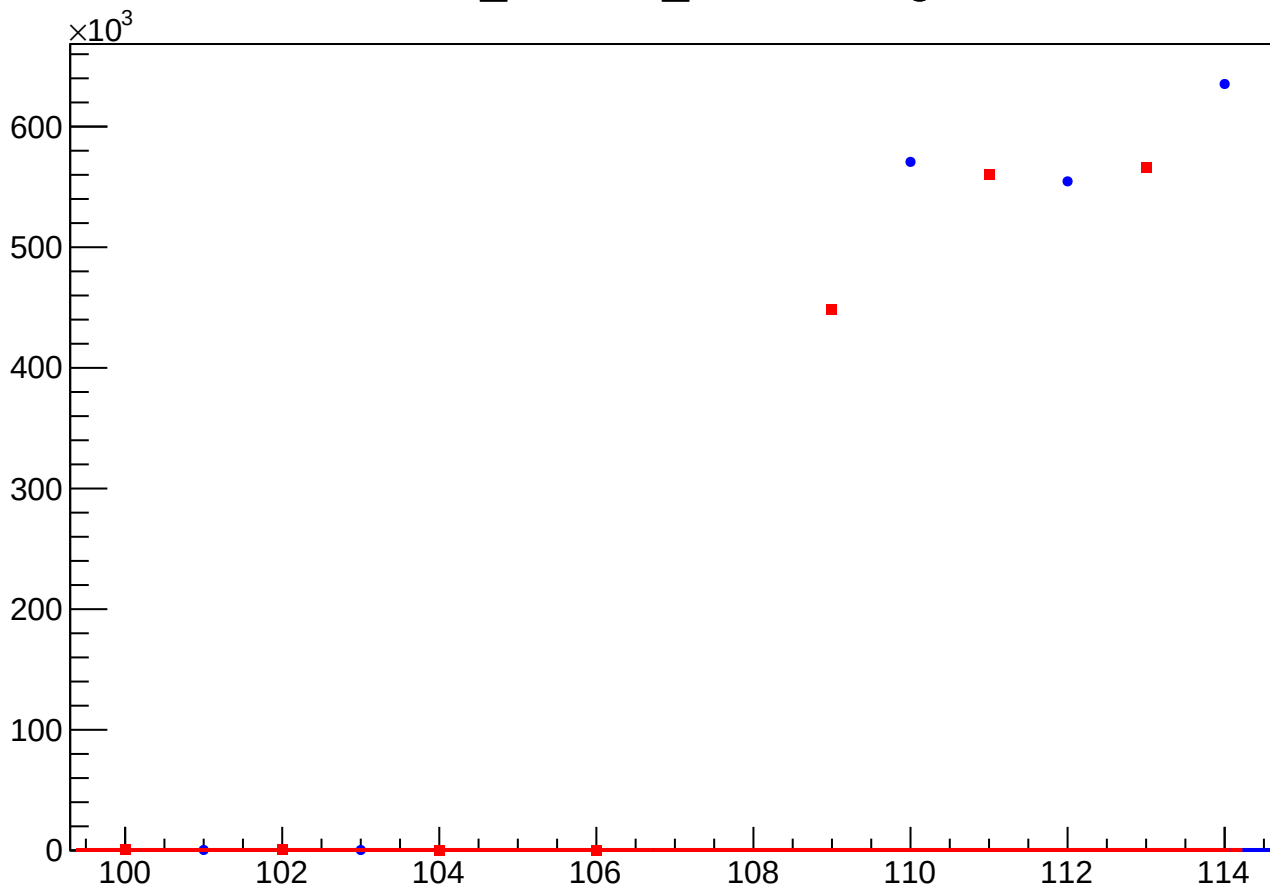
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.311 ± 0.237 χ^2/NDF : 4.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 388.875 ± 0.245 χ^2/NDF : 1985550.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 386.844 ± 0.229 χ^2/NDF : 2674055.7/6

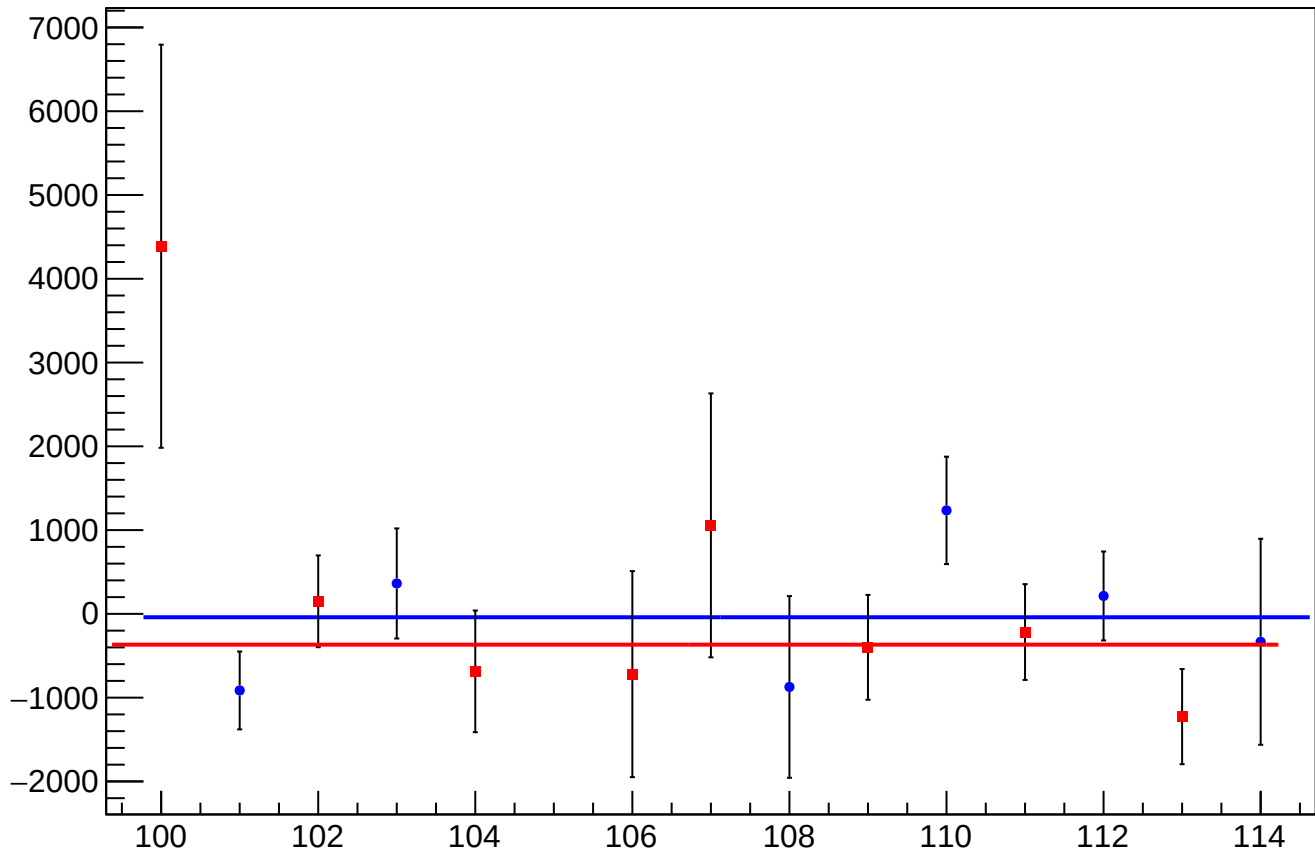
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 387.789 ± 0.167 χ^2/NDF : 4659642.6/11

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -40.332 ± 263.219 χ^2/NDF : 8.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -367.459 ± 256.663 χ^2/NDF : 8.3/7

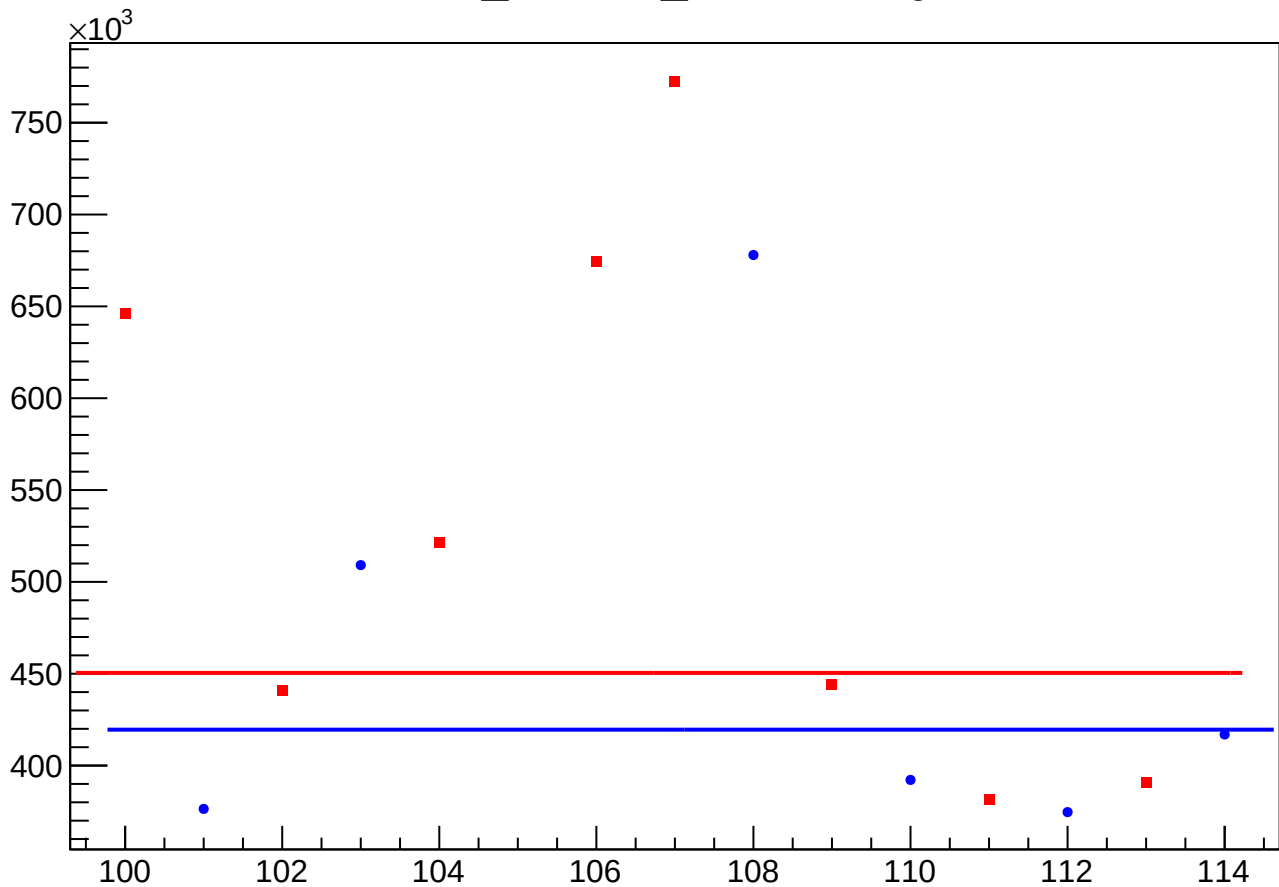
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -208.020 ± 183.762 χ^2/NDF : 17.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_rms vs Slug



Right In: 419549.649 $\pm$ 186.124 χ^2/NDF : 185888.0/5

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

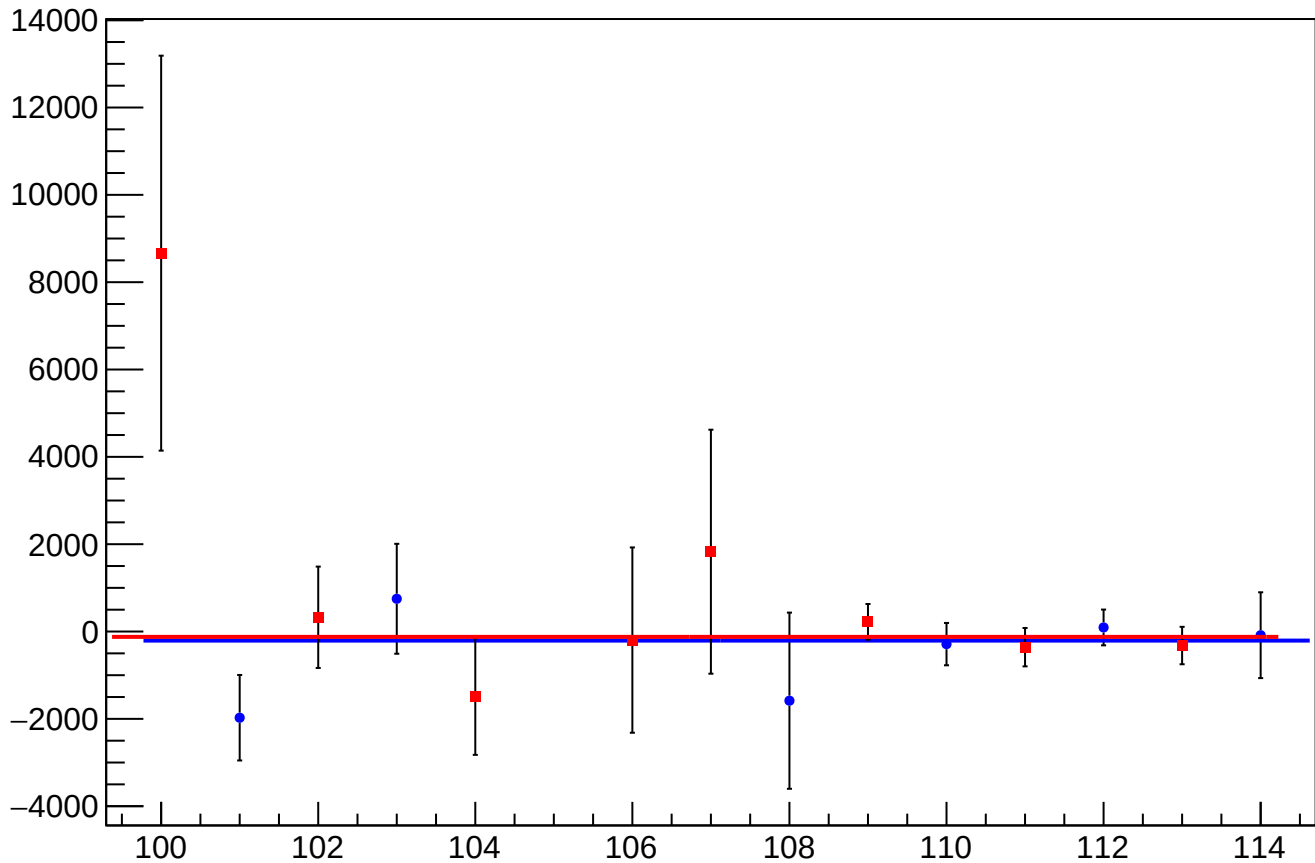
Right Out: 450448.937 $\pm$ 181.612 χ^2/NDF : 231989.6/7

All: 435378.332 $\pm$ 129.985 χ^2/NDF : 431996.0/12

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug



Right In: -207.615 $\pm$ 275.547 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -122.506 $\pm$ 233.590 χ^2 /NDF: 6.7/7

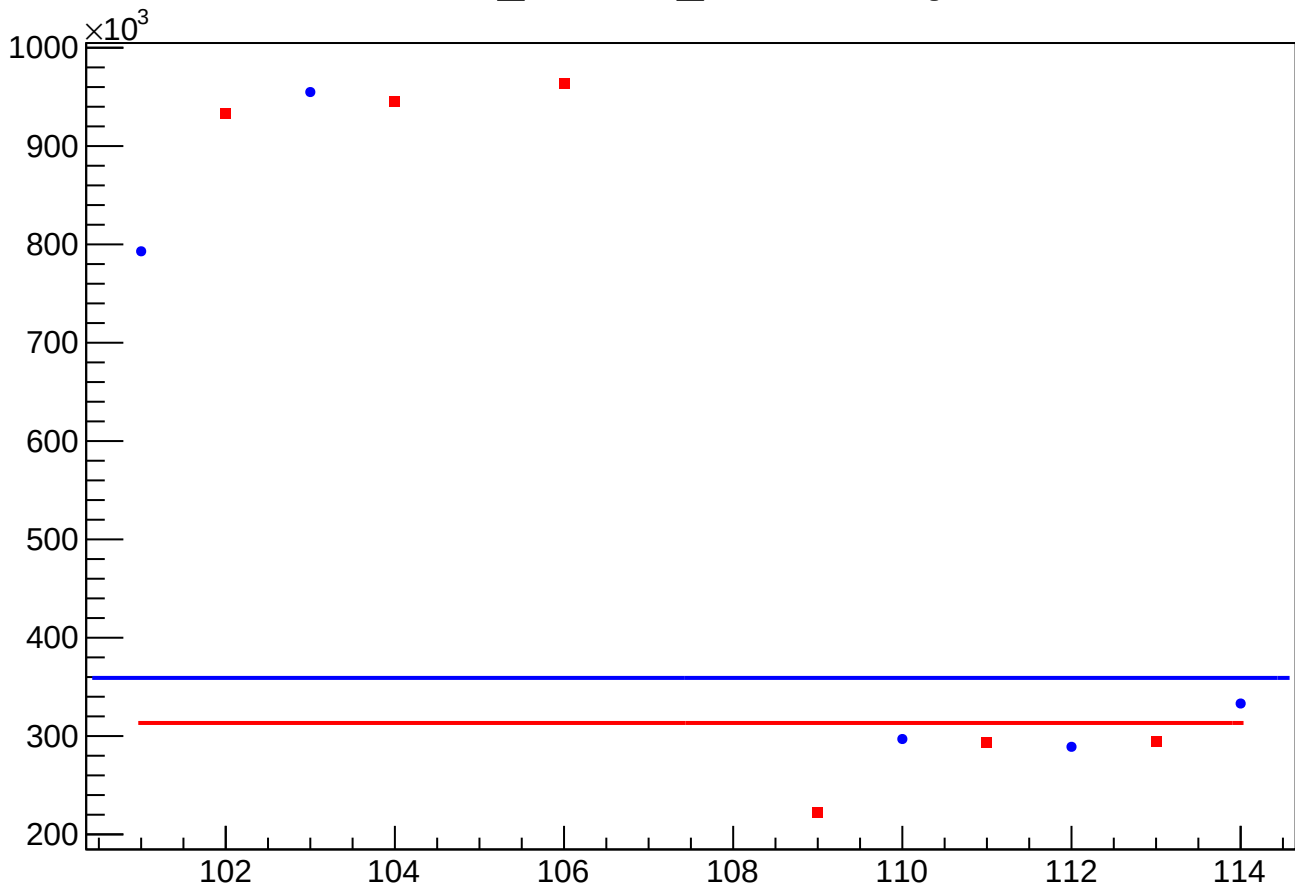
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -158.094 $\pm$ 178.181 χ^2 /NDF: 11.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4cY_rms vs Slug



Right In: 359134.245 $\pm$ 198.230 χ^2 /NDF: 791054.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

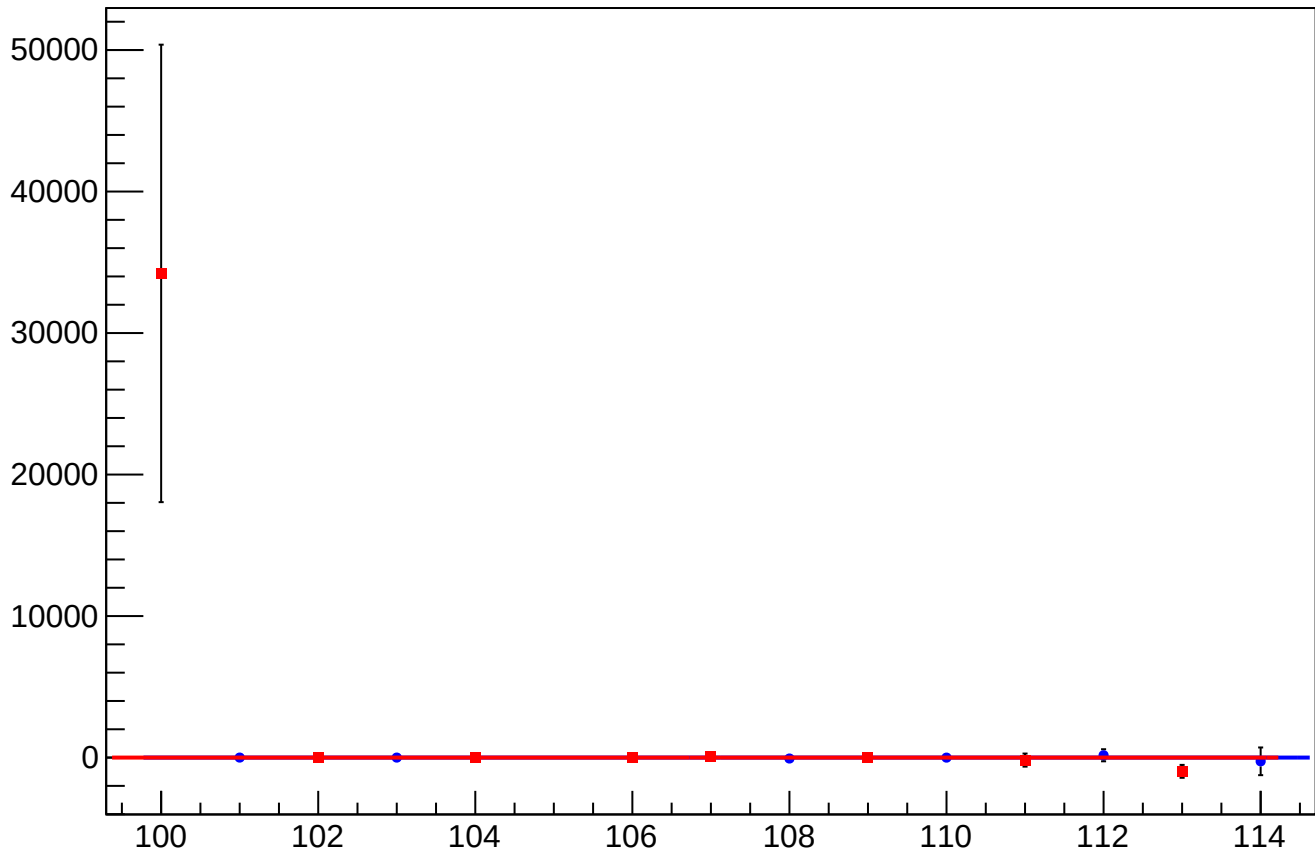
Right Out: 313310.657 $\pm$ 168.173 χ^2 /NDF: 1030458.1/5

All: 332488.530 $\pm$ 128.241 χ^2 /NDF: 1852585

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4dX_mean vs Slug



Right In: -0.035 ± 0.172 χ^2/NDF : 1.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.160 χ^2/NDF : 9.9/7

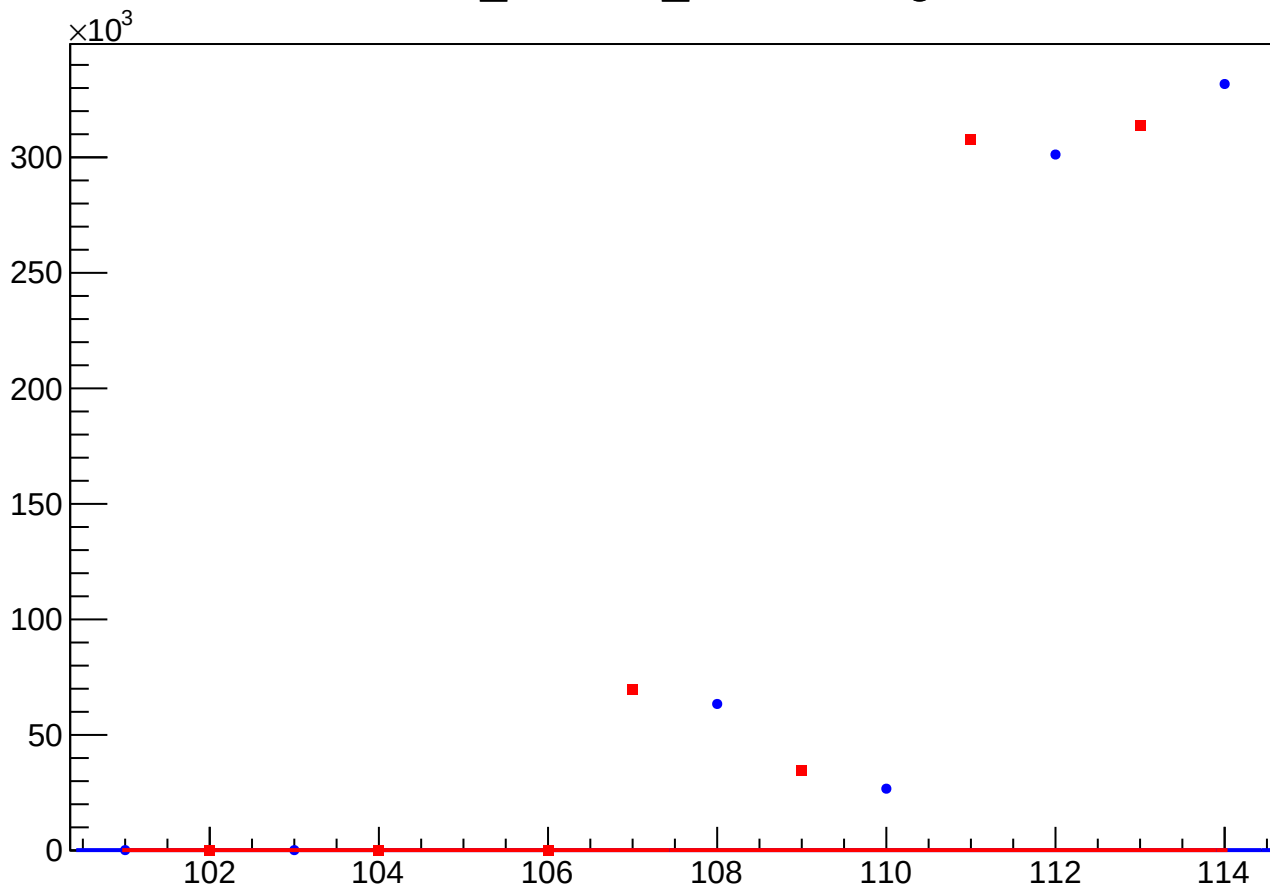
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.206 ± 0.117 χ^2/NDF : 13.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.680 $\pm$ 0.122 χ^2/NDF : 2280153.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.067 $\pm$ 0.113 χ^2/NDF : 2920954.4/6

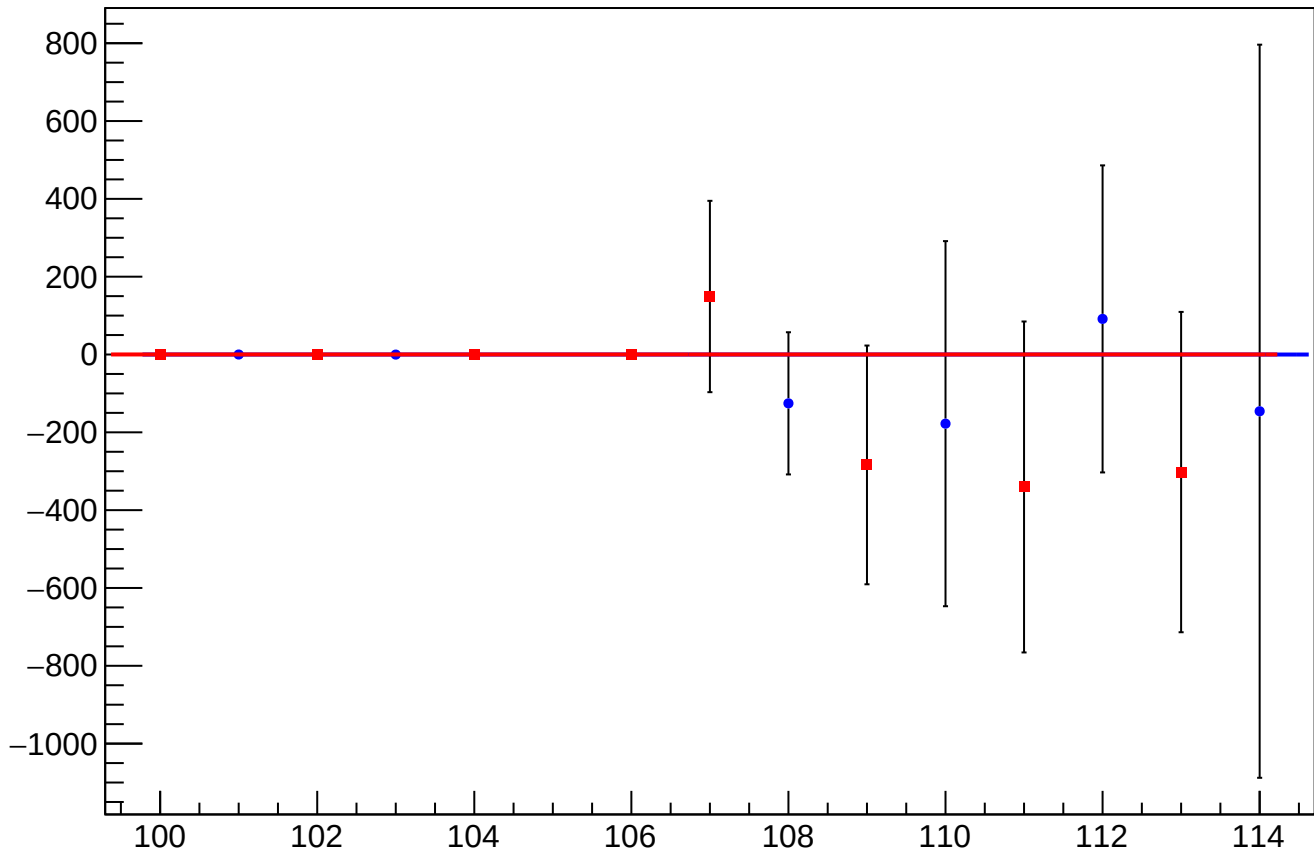
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.888 $\pm$ 0.083 χ^2/NDF : 5201113.3/12

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_mean vs Slug



Right In: -0.068 ± 0.177 χ^2/NDF : 0.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.126 ± 0.166 χ^2/NDF : 2.6/7

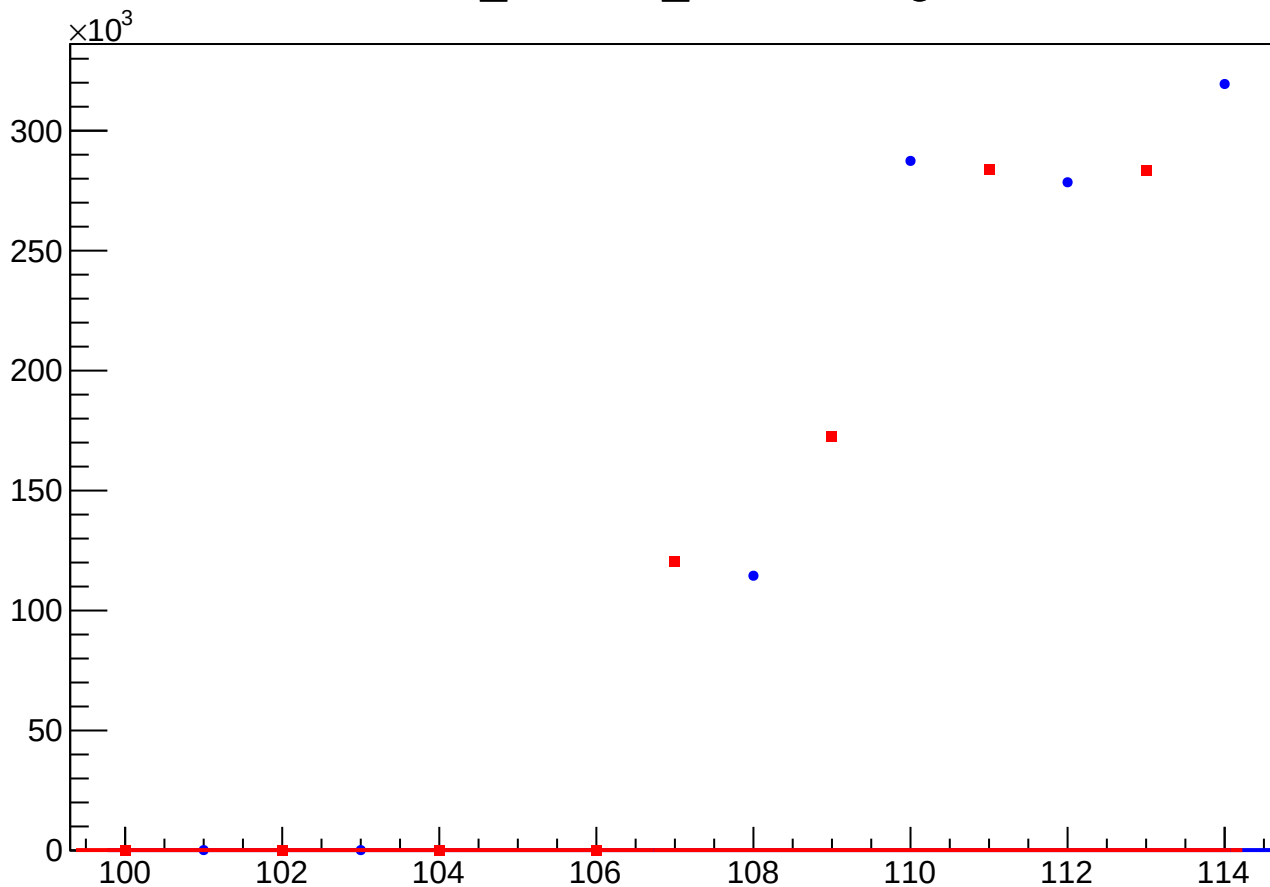
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.121 χ^2/NDF : 4.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



Right In: 152.730 $\pm$ 0.125 χ^2/NDF : 2759024.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.549 $\pm$ 0.118 χ^2/NDF : 2937158.8/7

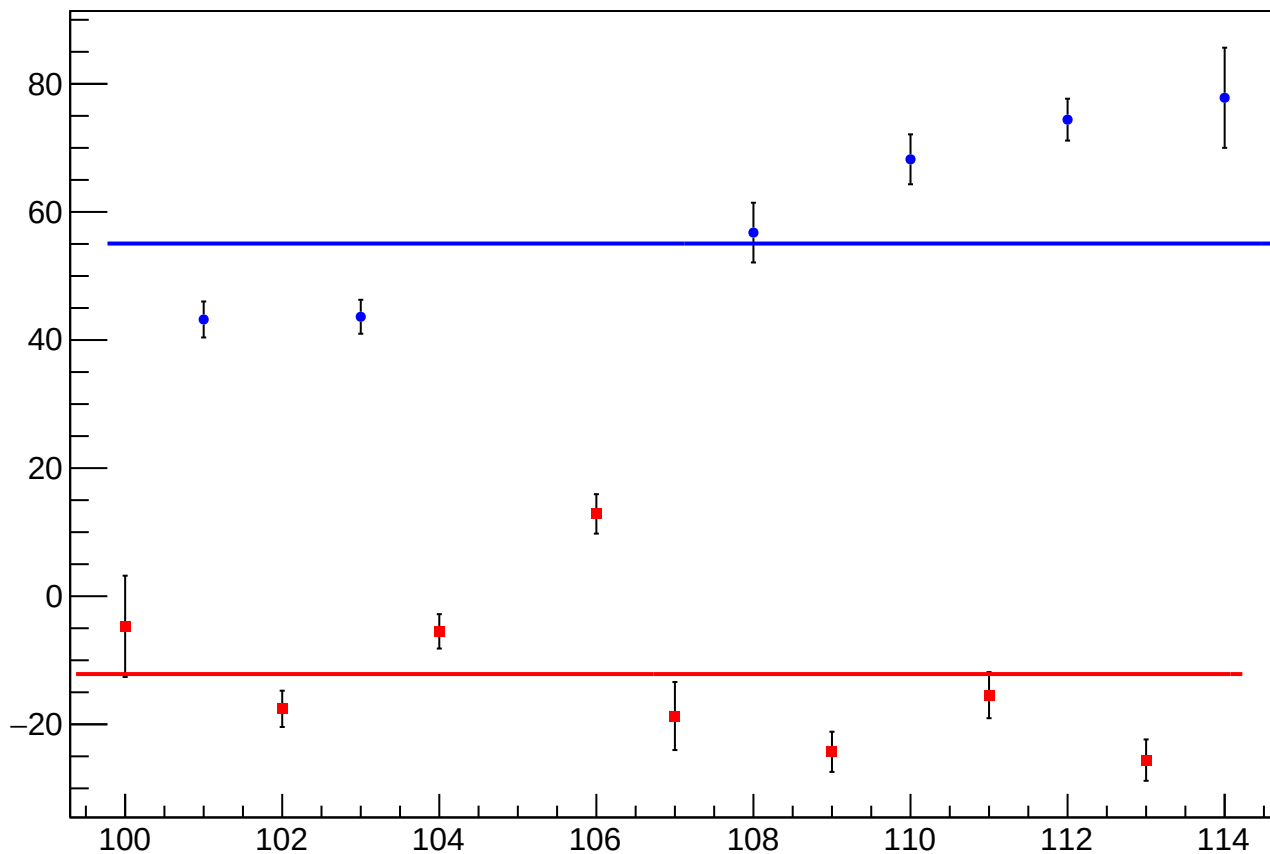
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.228 $\pm$ 0.086 χ^2/NDF : 5696451.6/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 55.065+/-1.428 χ^2 /NDF: 91.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -12.154+/-1.199 χ^2 /NDF: 111.4/7

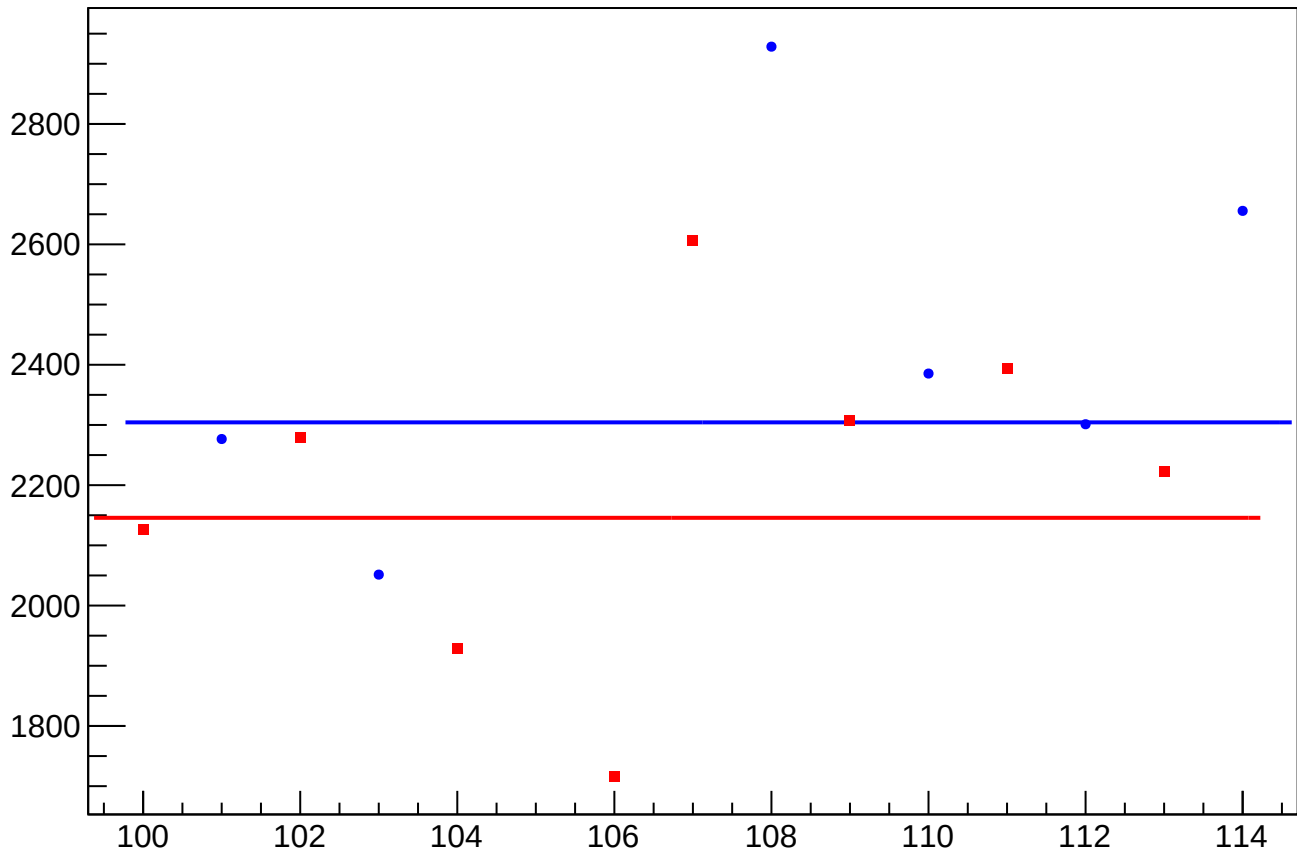
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 15.660+/-0.918 χ^2 /NDF: 1502.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01X_rms vs Slug



Right In: 2304.315+/-1.010 χ^2/NDF : 59115.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2145.753+/-0.848 χ^2/NDF : 87523.2/7

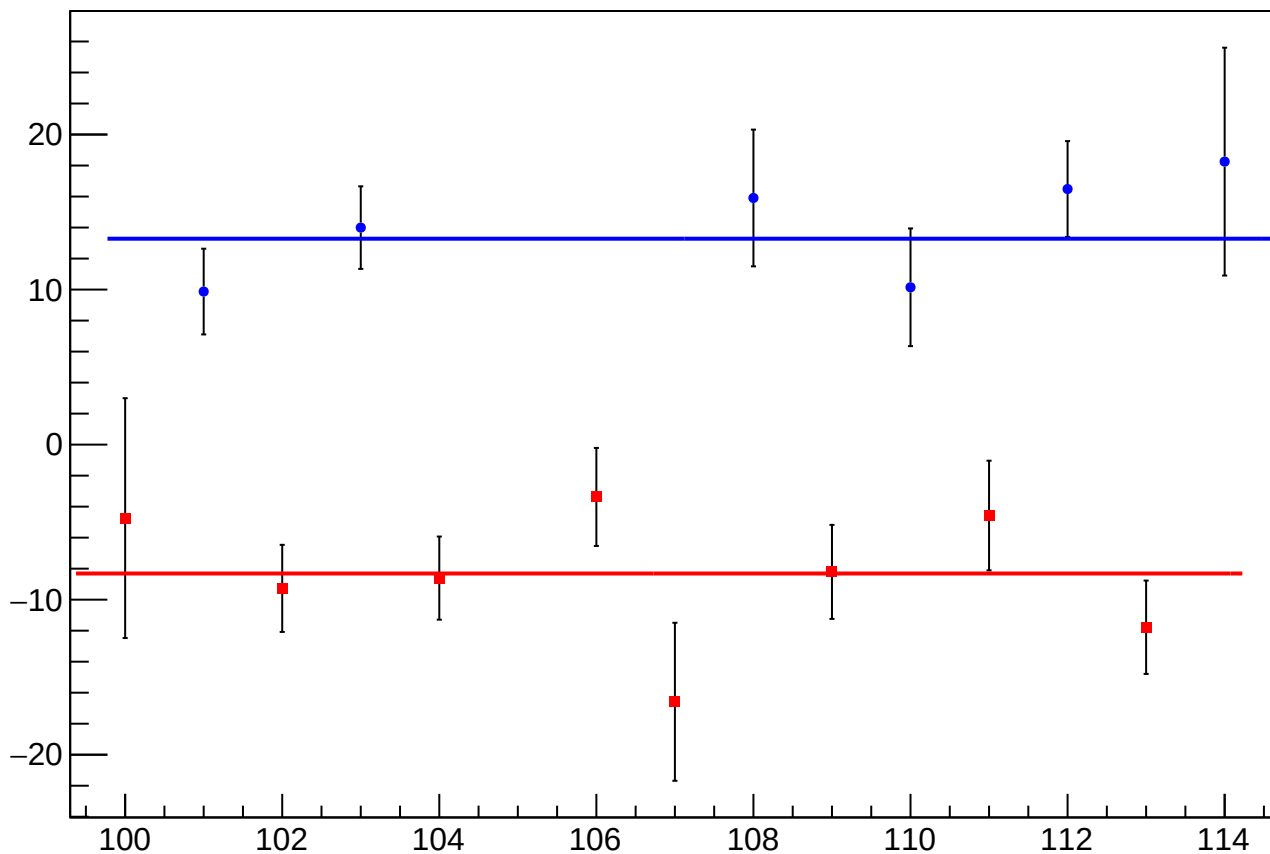
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.362+/-0.649 χ^2/NDF : 161101.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 13.281 $\pm$ 1.392 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.313 $\pm$ 1.178 χ^2 /NDF: 7.9/7

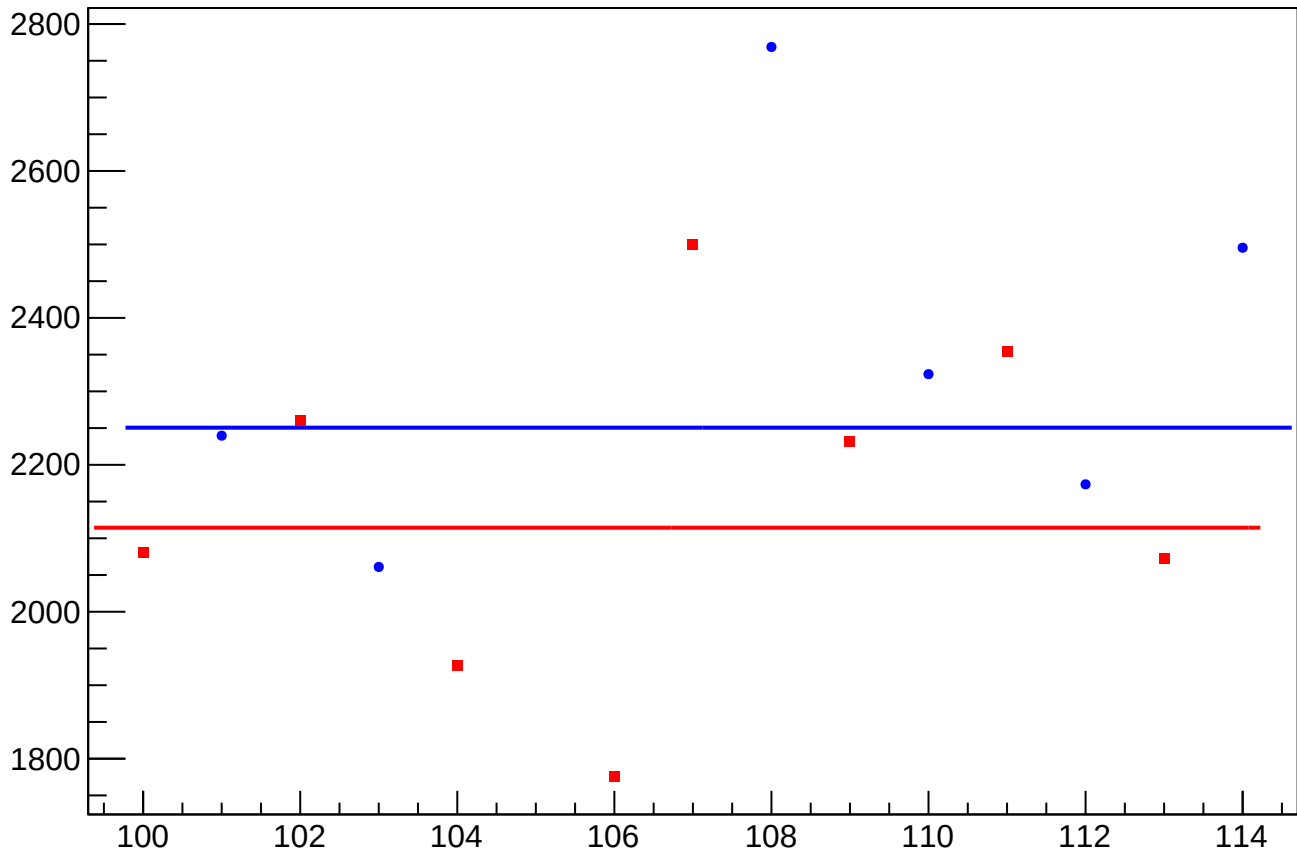
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.700 $\pm$ 0.899 χ^2 /NDF: 152.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2250.588 $\pm$ 0.984 χ^2 /NDF: 42005.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2114.414 $\pm$ 0.833 χ^2 /NDF: 62218.9/7

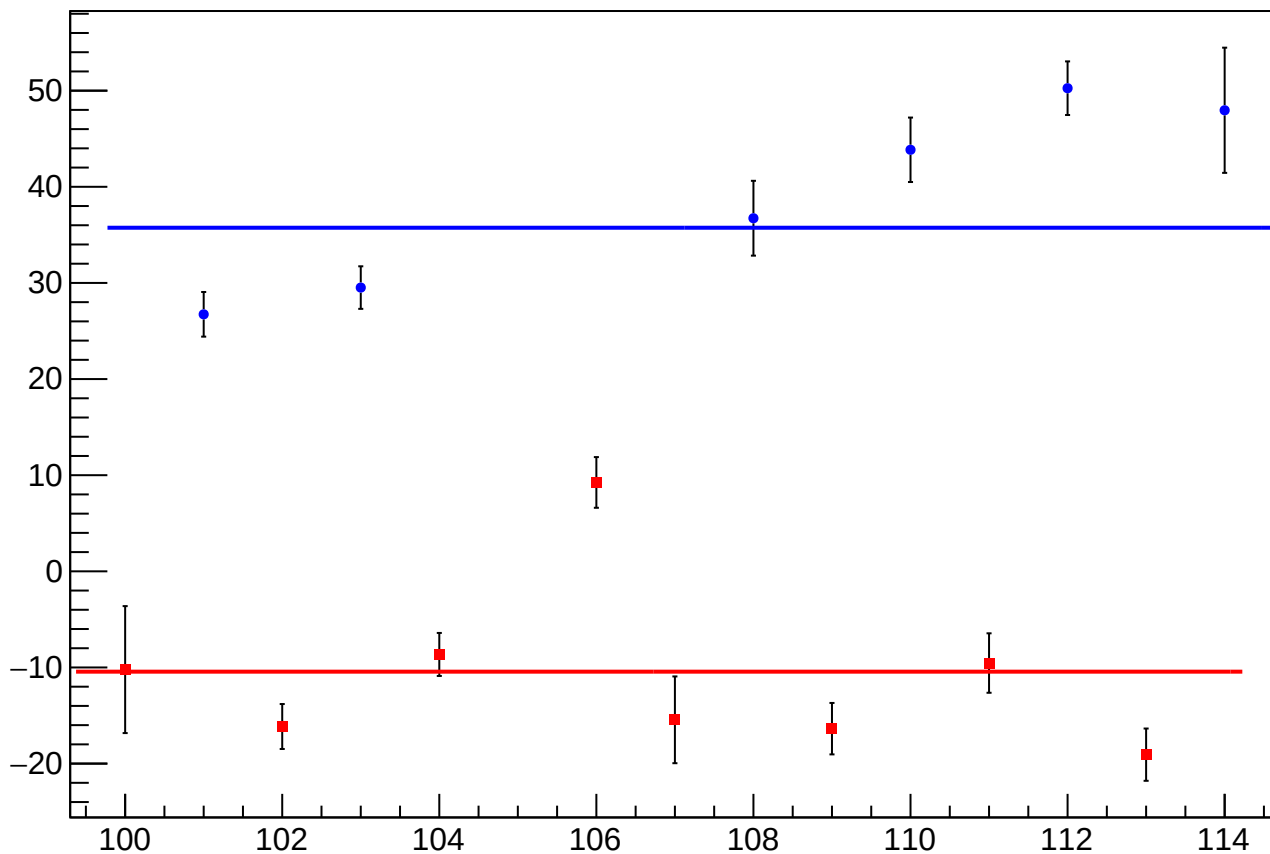
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2171.251 $\pm$ 0.636 χ^2 /NDF: 115373.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 35.742 $\pm$ 1.198 χ^2 /NDF: 59.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.437 $\pm$ 1.011 χ^2 /NDF: 78.6/7

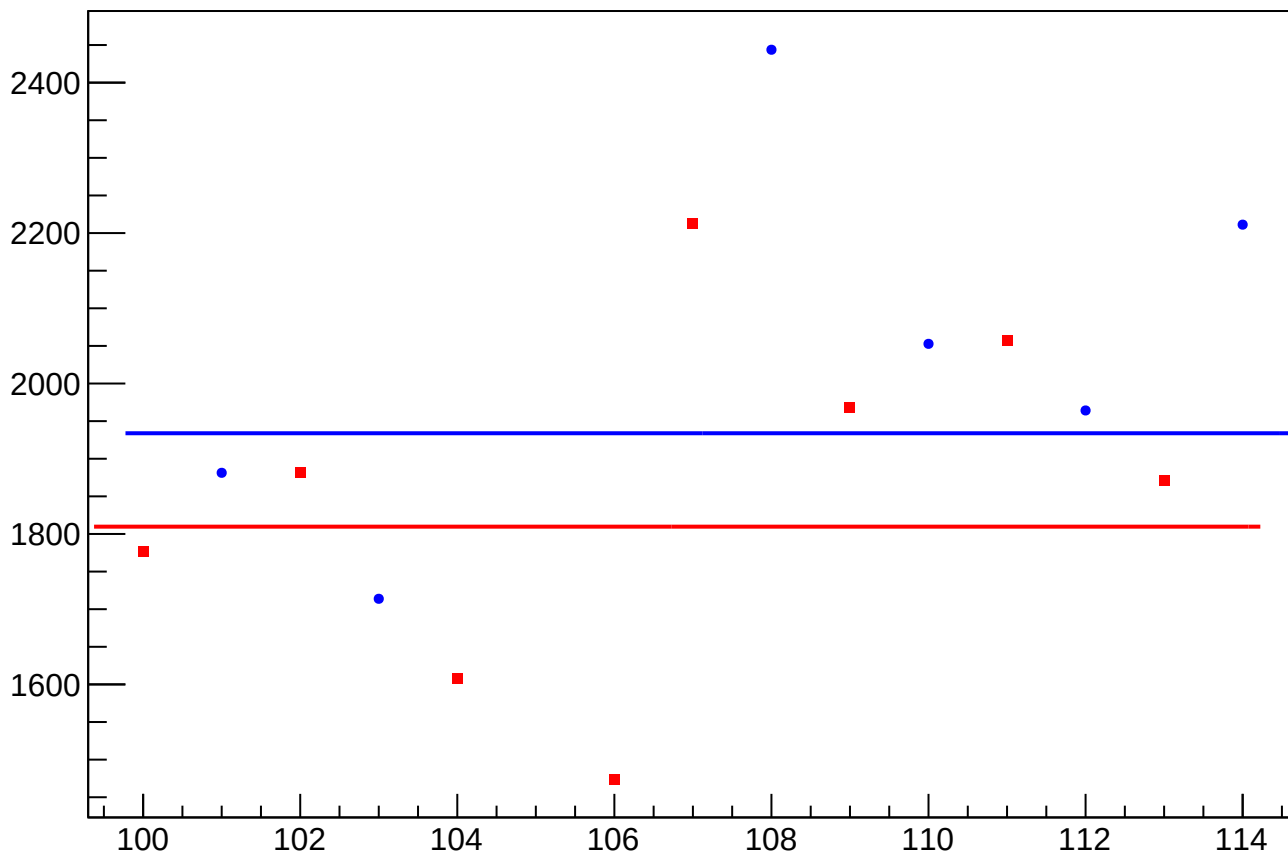
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.774 $\pm$ 0.773 χ^2 /NDF: 1005.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1933.891 $\pm$ 0.847 χ^2 /NDF: 61501.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1809.719 $\pm$ 0.715 χ^2 /NDF: 87550.9/7

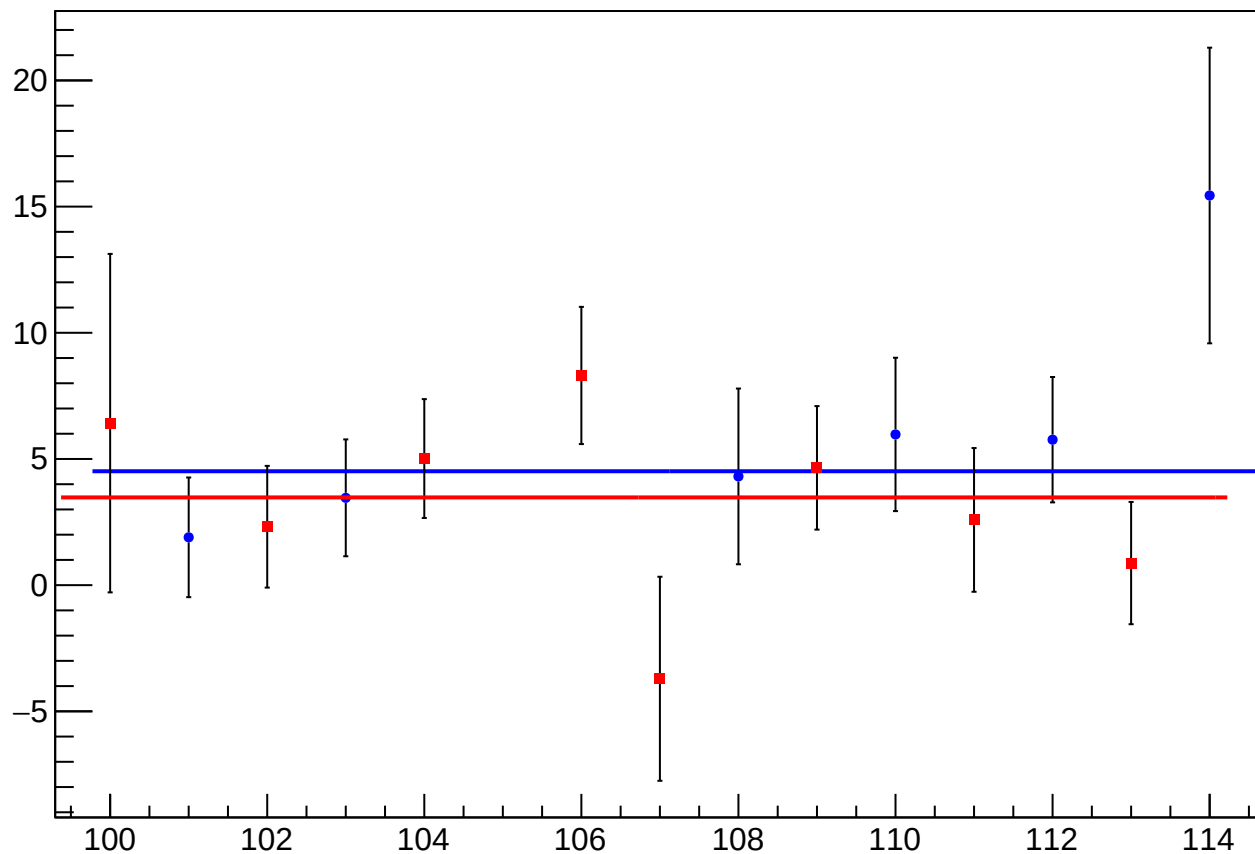
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1861.376 $\pm$ 0.546 χ^2 /NDF: 161599.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 4.514 $\pm$ 1.158 χ^2 /NDF: 5.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.476 $\pm$ 0.985 χ^2 /NDF: 8.7/7

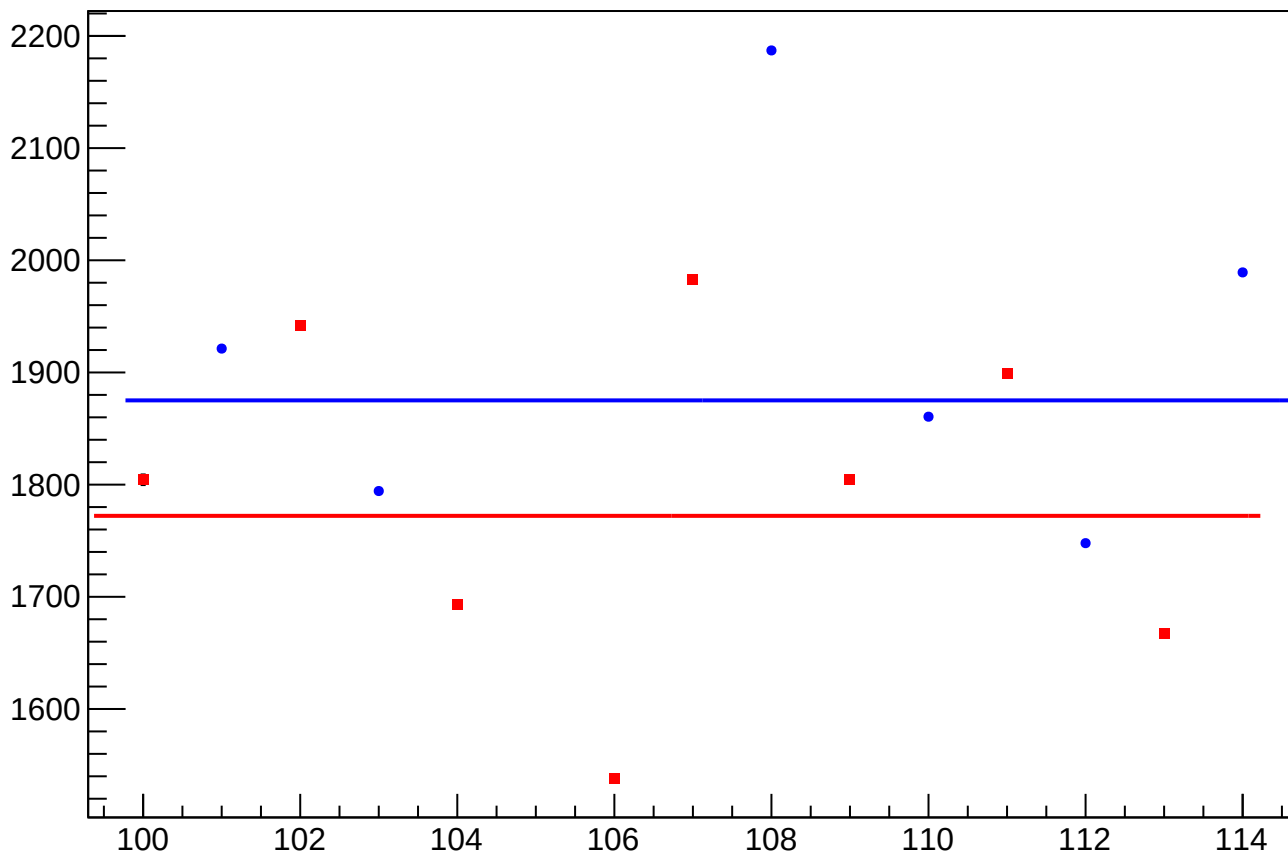
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.912 $\pm$ 0.750 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1875.111 $\pm$ 0.818 χ^2 /NDF: 25303.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1772.177 $\pm$ 0.696 χ^2 /NDF: 40487.3/7

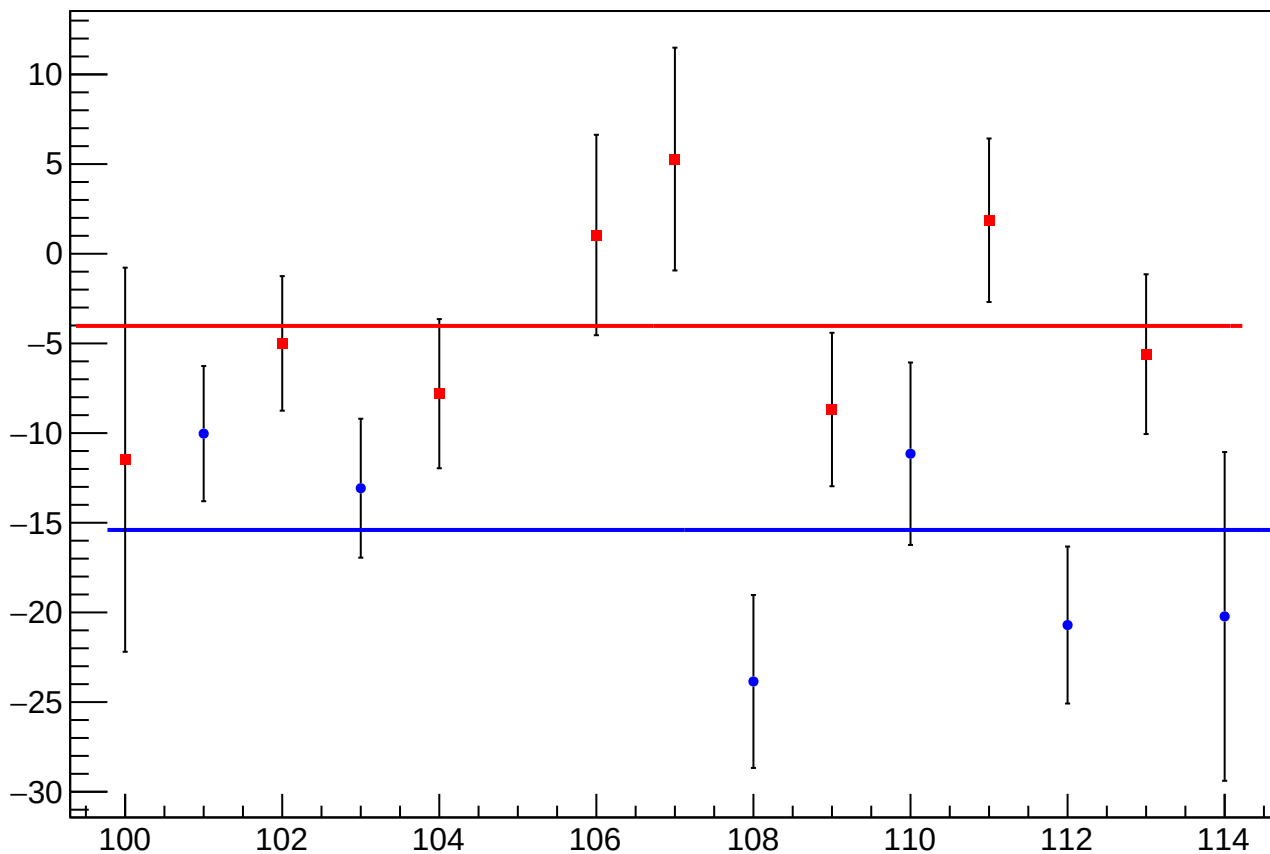
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1815.384 $\pm$ 0.530 χ^2 /NDF: 74967.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -15.401 ± 1.880 χ^2/NDF : 7.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.024 ± 1.694 χ^2/NDF : 7.4/7

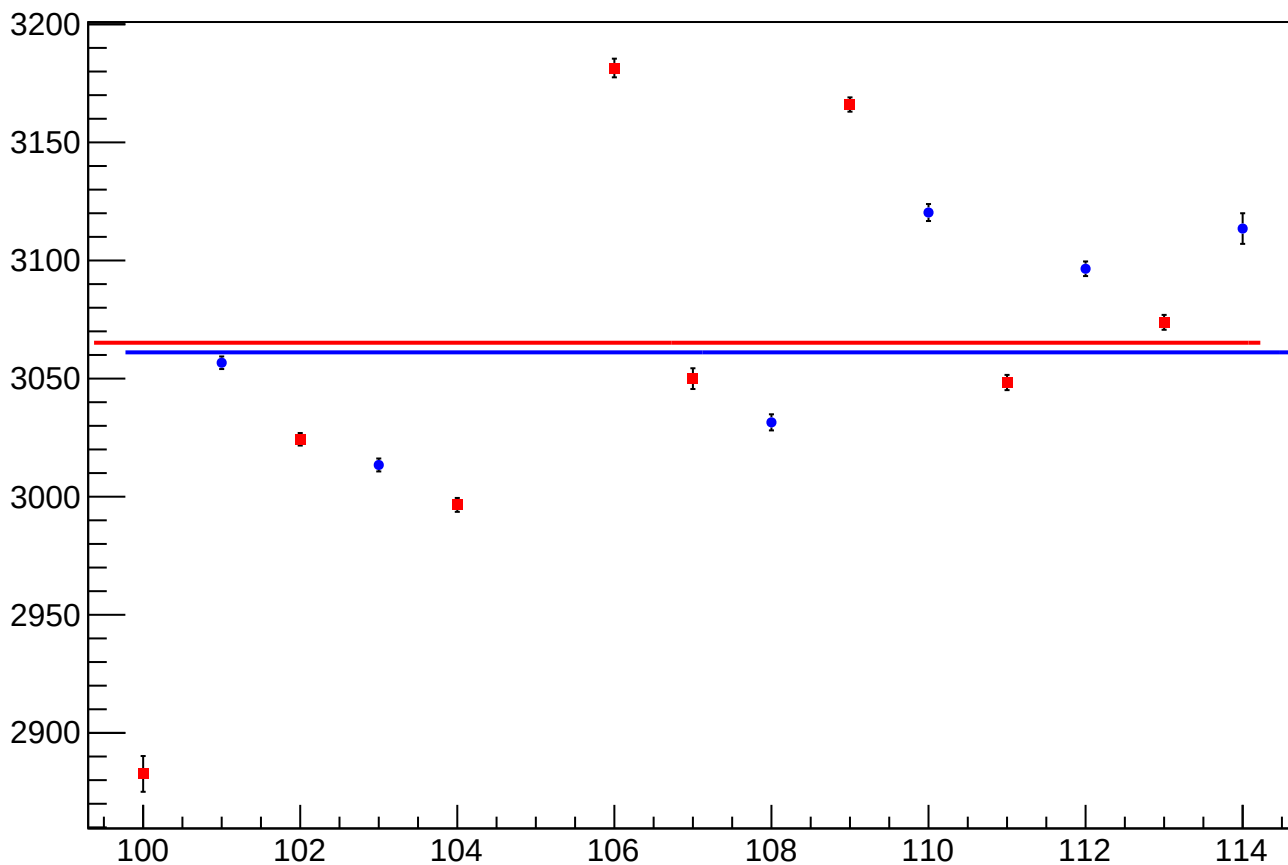
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.120 ± 1.258 χ^2/NDF : 35.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_rms vs Slug



Right In: 3061.105 $\pm$ 1.330 χ^2 /NDF: 848.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3065.181 $\pm$ 1.198 χ^2 /NDF: 3387.6/7

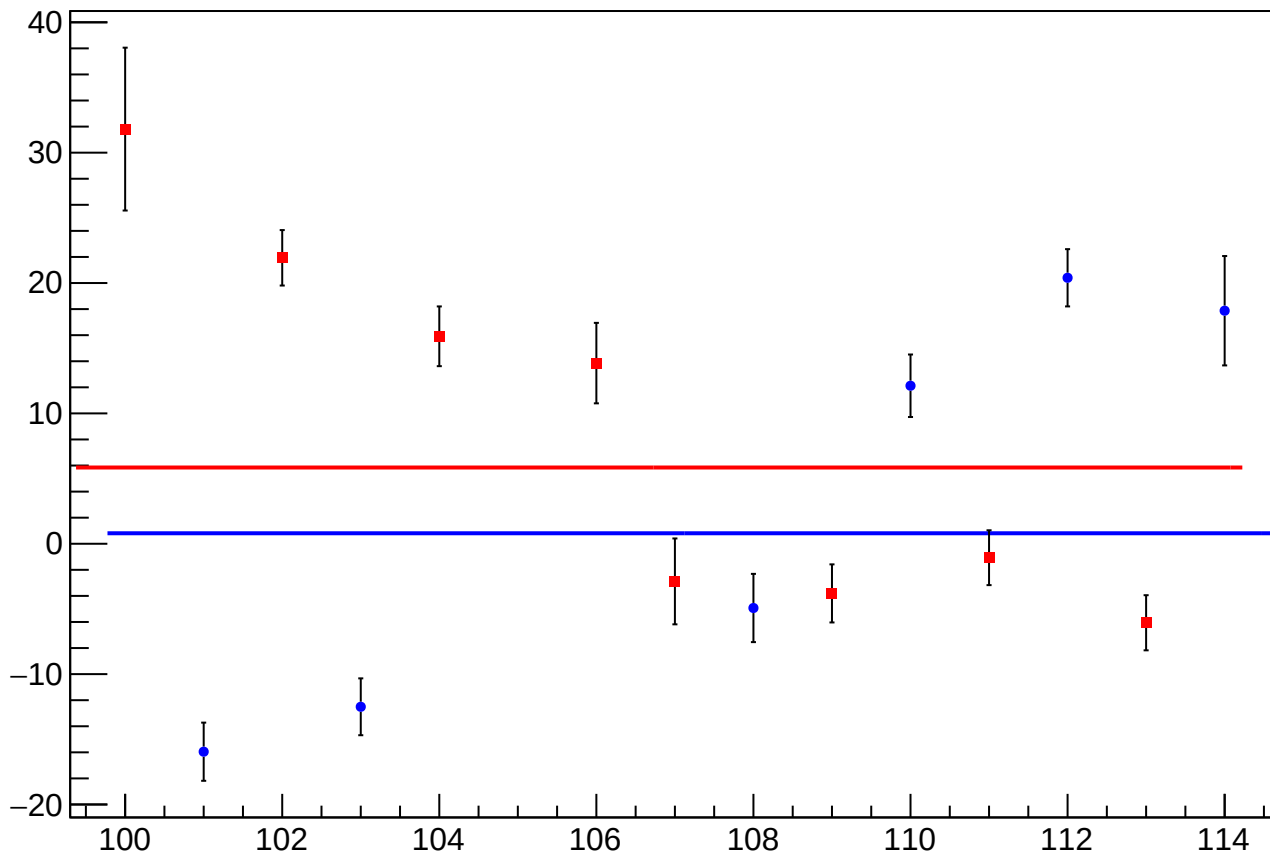
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3063.356 $\pm$ 0.890 χ^2 /NDF: 4241.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 0.805+/-1.002 χ^2/NDF : 216.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.849+/-0.882 χ^2/NDF : 168.9/7

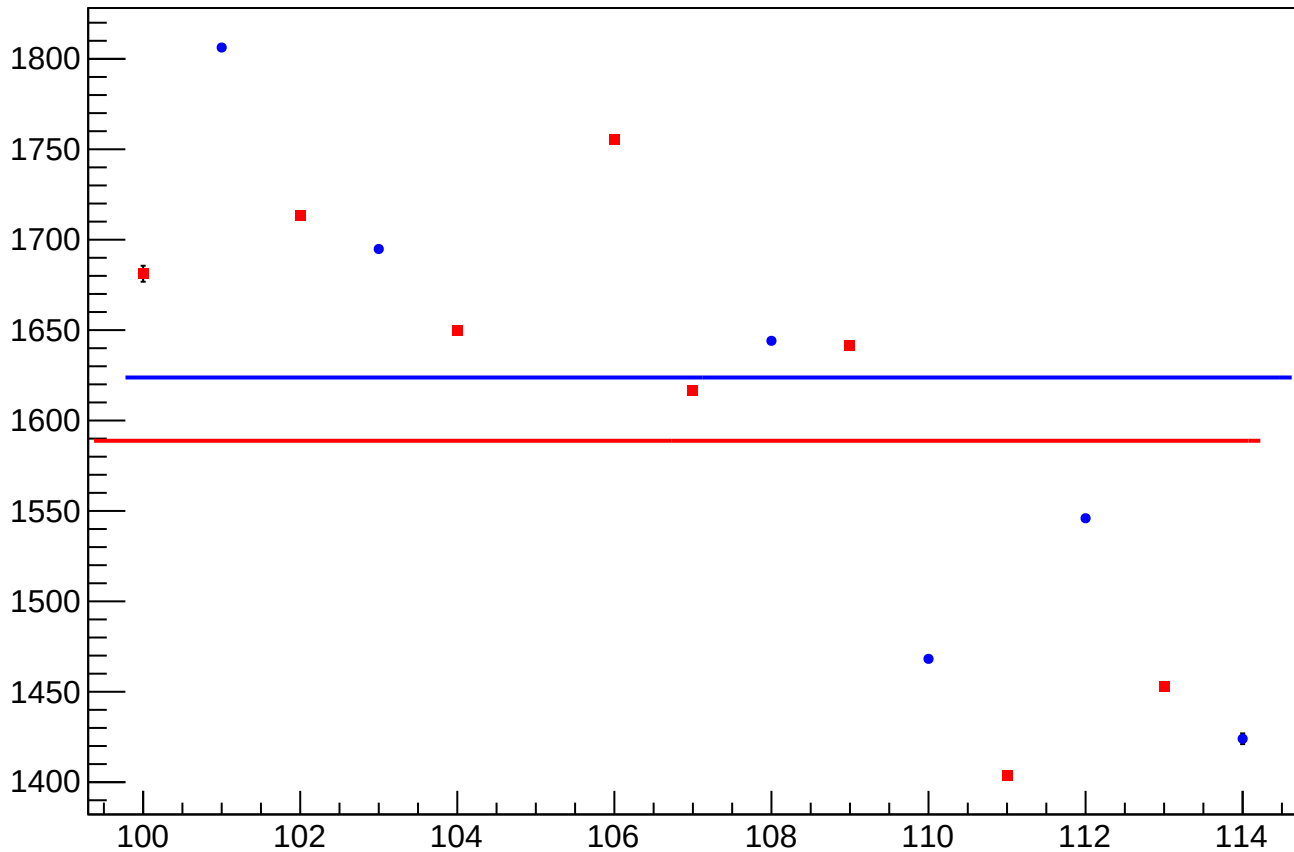
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.648+/-0.662 χ^2/NDF : 400.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1623.795 $\pm$ 0.709 χ^2 /NDF: 31090.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1588.812 $\pm$ 0.624 χ^2 /NDF: 39500.7/7

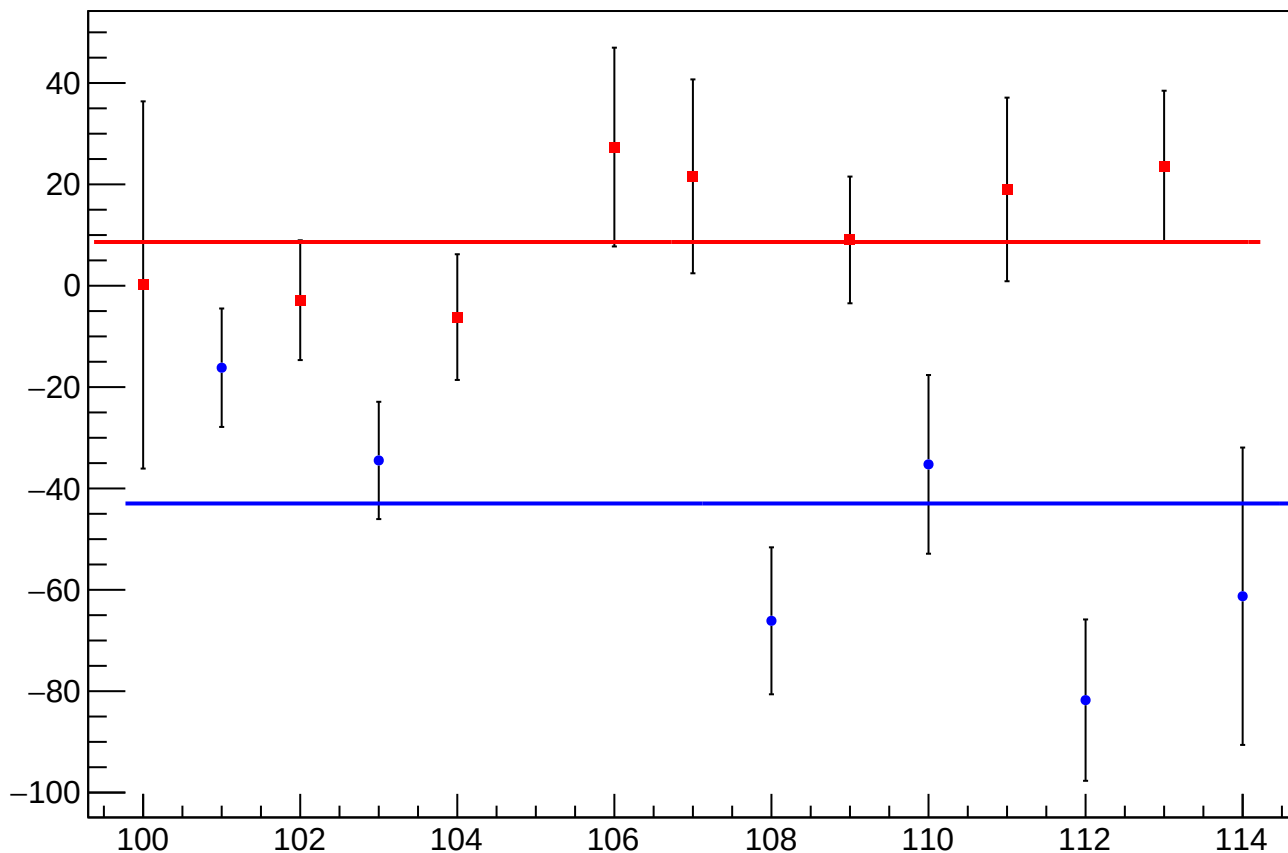
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1604.076 $\pm$ 0.468 χ^2 /NDF: 71963.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -42.964 ± 5.989 χ^2/NDF : 14.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.629 ± 5.449 χ^2/NDF : 5.1/7

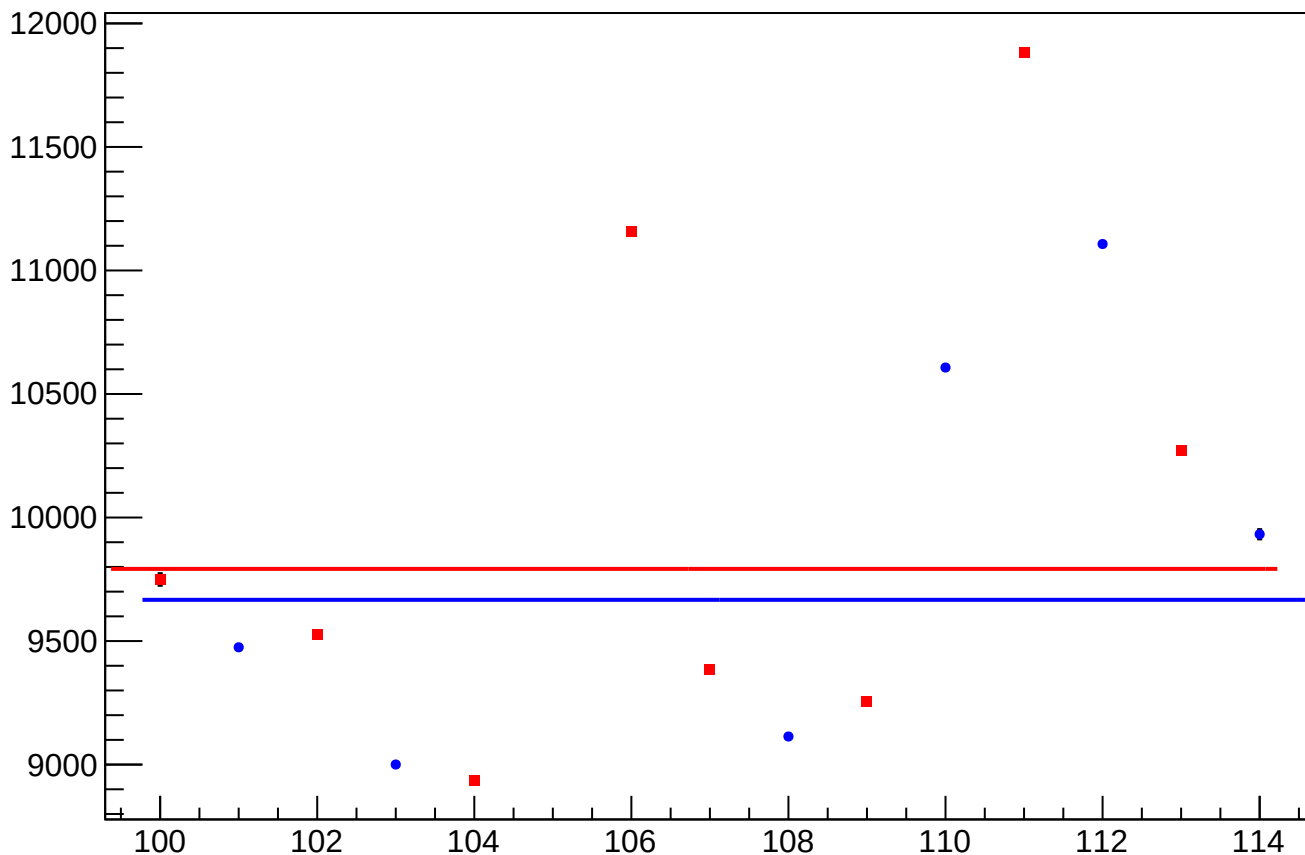
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.735 ± 4.031 χ^2/NDF : 60.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l02X_rms vs Slug



Right In: 9666.900+/-4.235 χ^2/NDF : 32315.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9792.147+/-3.853 χ^2/NDF : 53540.8/7

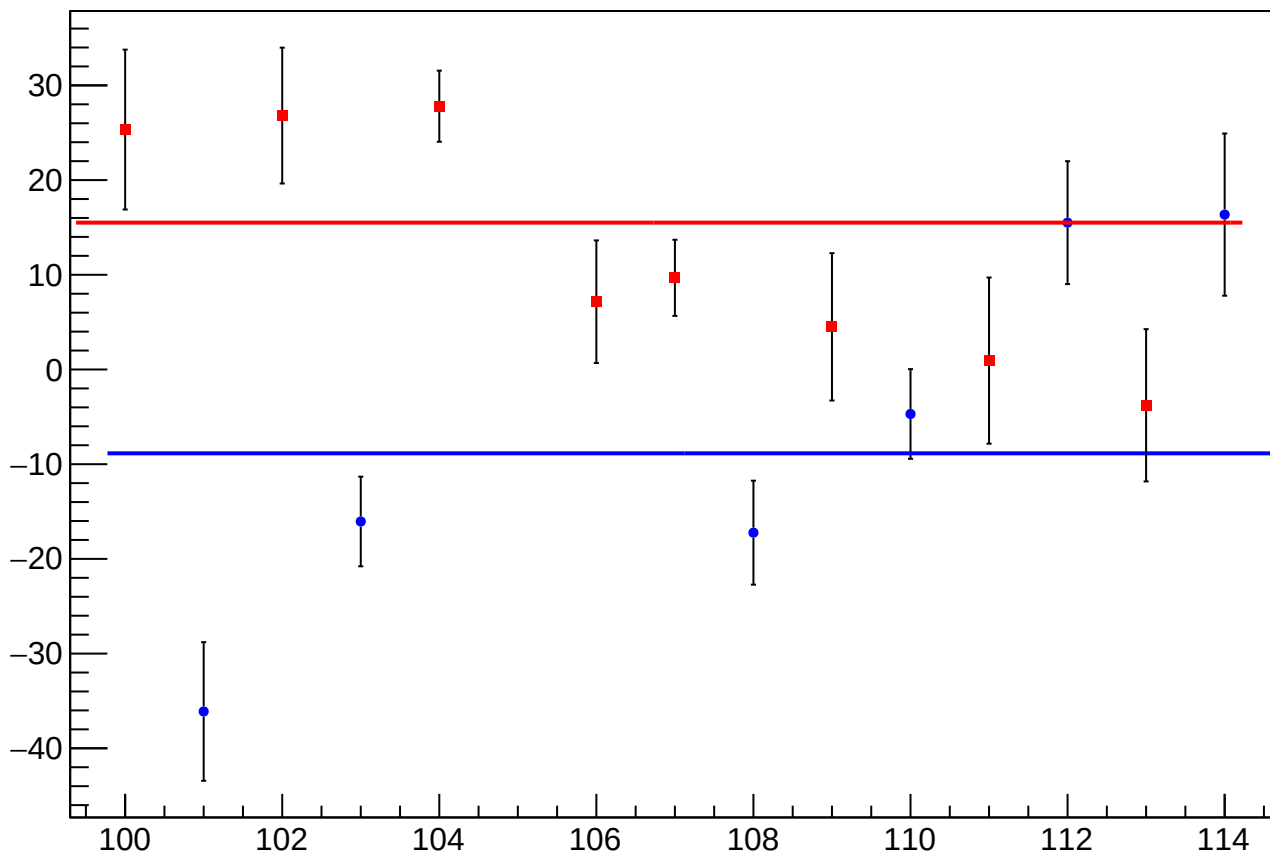
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

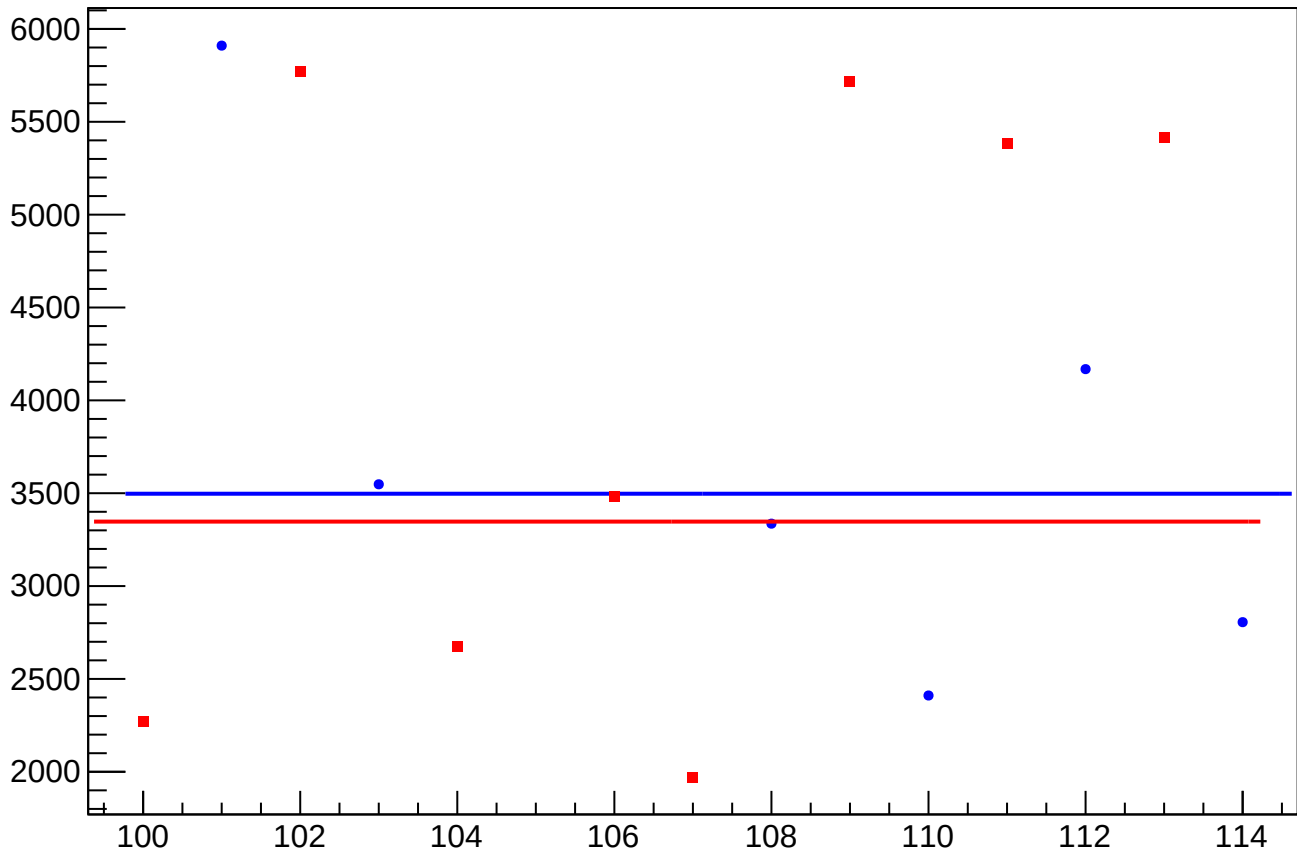
All: 9735.428+/-2.850 χ^2/NDF : 86334.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_mean vs Slug



diff_bpm0l02Y_rms vs Slug



Right In: 3497.247+/-1.674 χ^2/NDF : 359030.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3347.148+/-1.458 χ^2/NDF : 985437.8/7

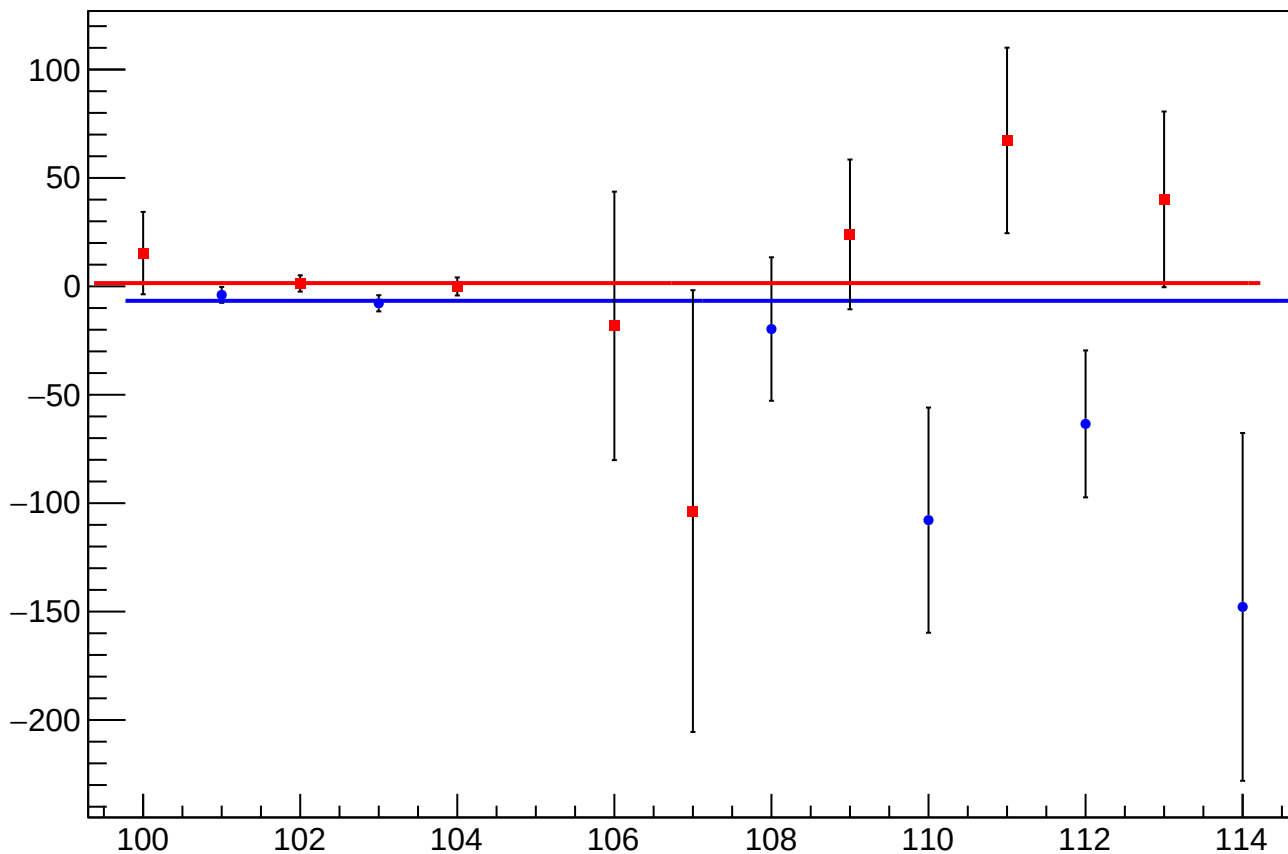
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3411.915+/-1.099 χ^2/NDF : 1349039.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_mean vs Slug



Right In: -6.667 $\pm$ 2.595 χ^2 /NDF: 10.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.504 $\pm$ 2.732 χ^2 /NDF: 5.5/7

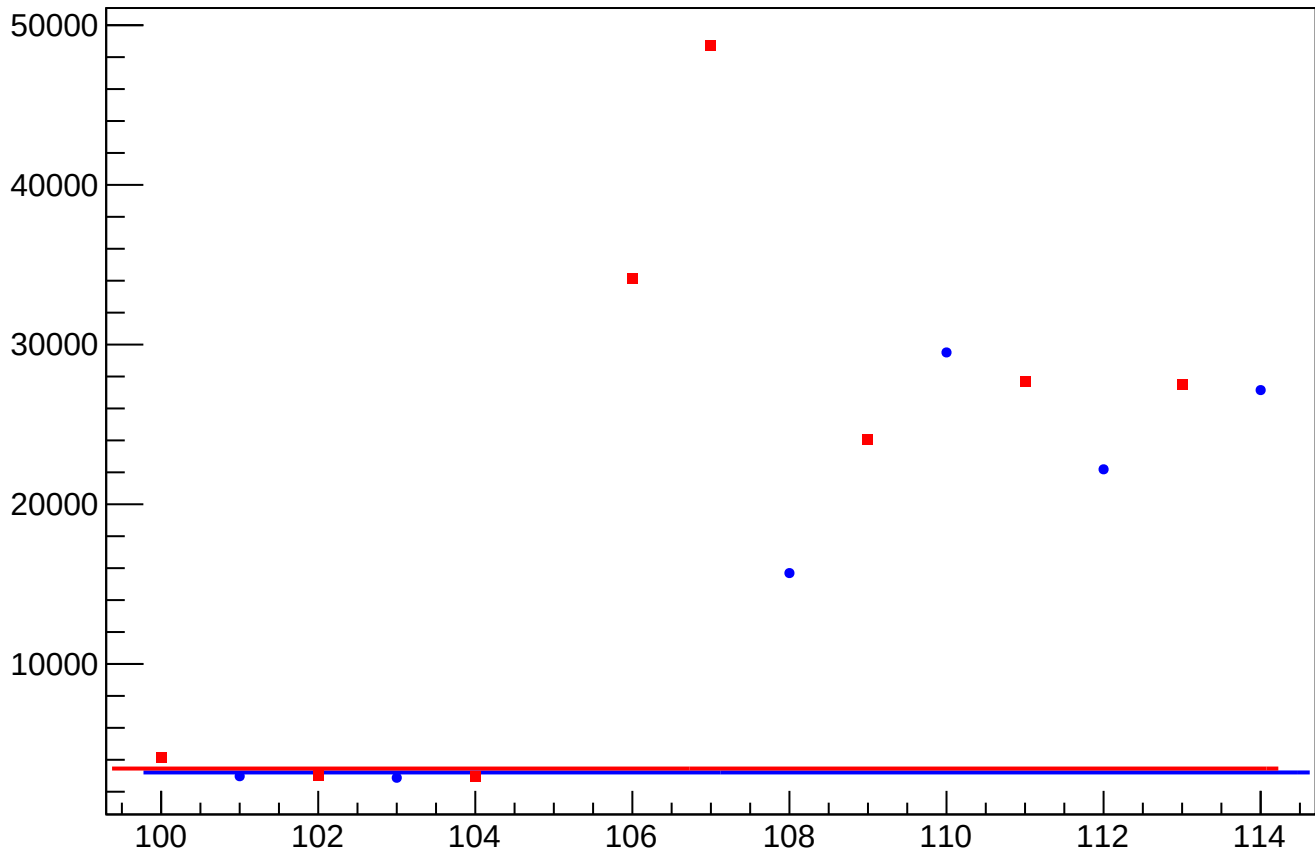
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.791 $\pm$ 1.882 χ^2 /NDF: 20.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l03X_rms vs Slug



Right In: 3206.721+/-1.835 χ^2/NDF : 1627517.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3451.539+/-1.932 χ^2/NDF : 3003104.8/7

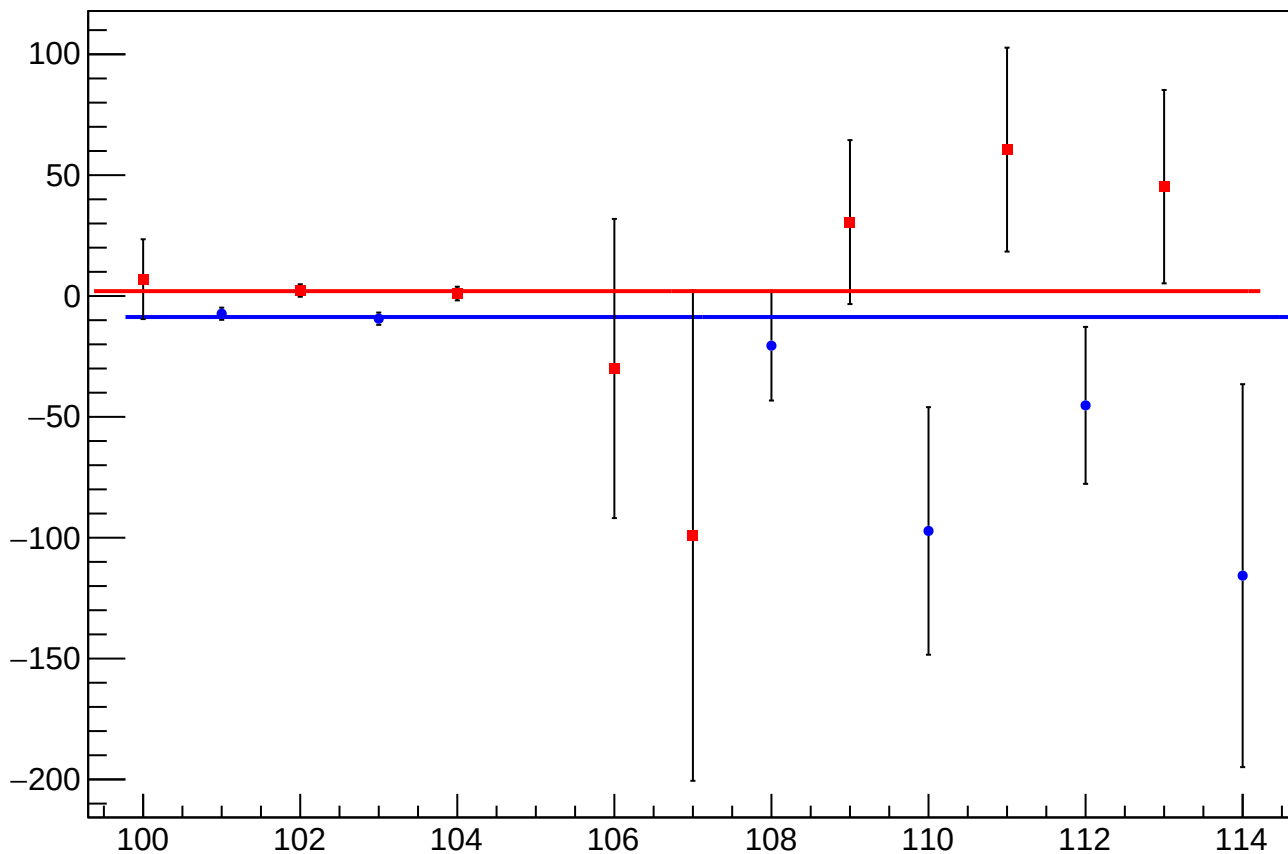
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3322.843+/-1.330 χ^2/NDF : 4639065.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.701 ± 1.780 χ^2/NDF : 6.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.017 ± 1.882 χ^2/NDF : 5.3/7

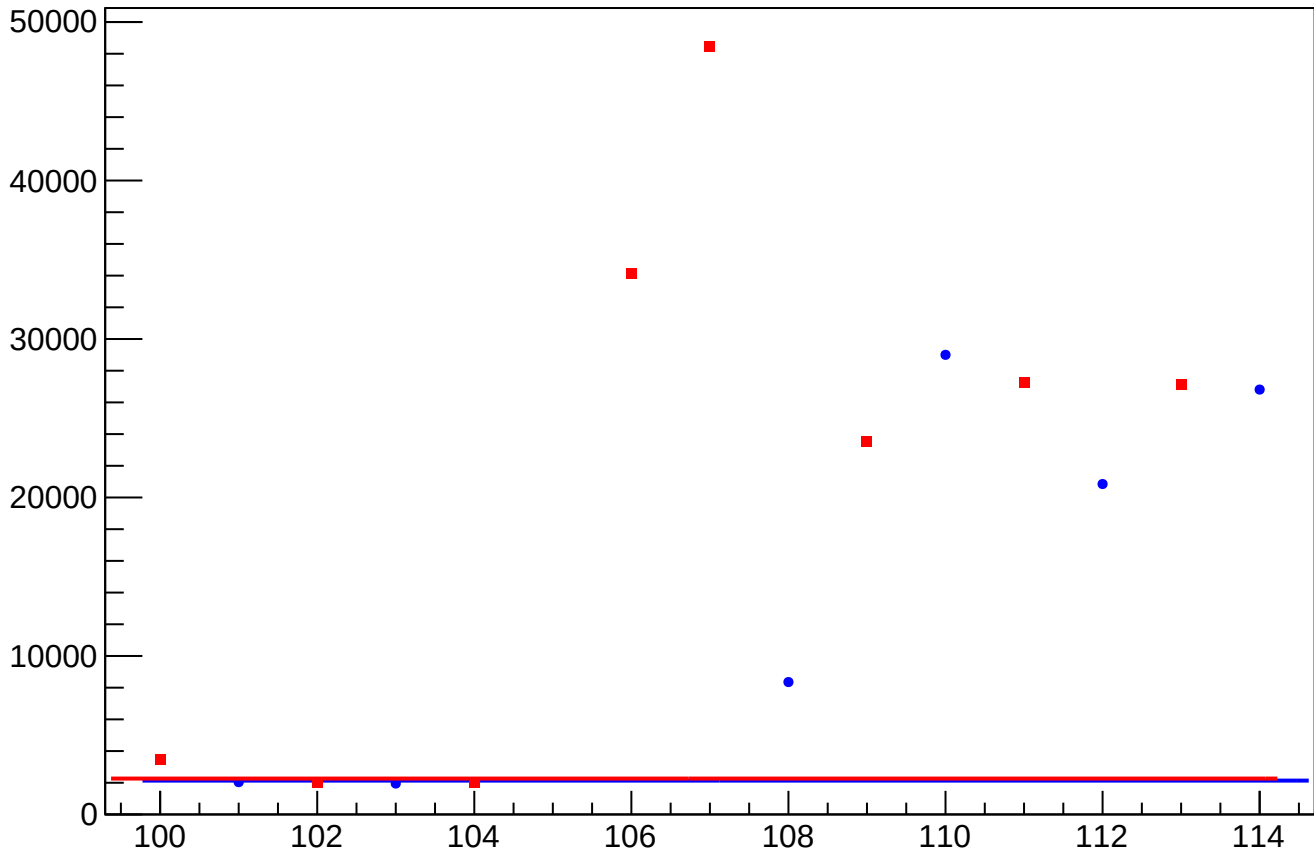
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.642 ± 1.293 χ^2/NDF : 29.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2135.952 $\pm$ 1.258 χ^2/NDF : 1572721.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

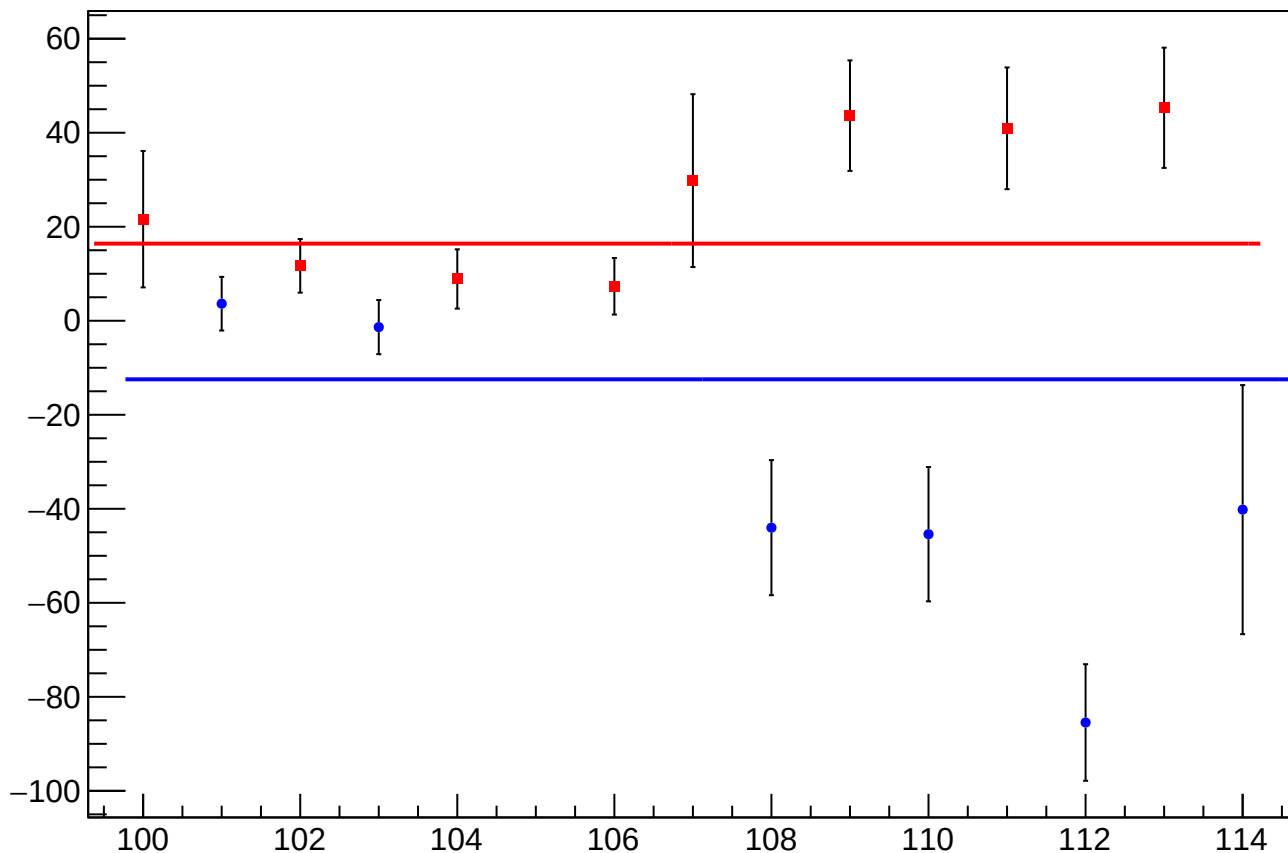
Right Out: 2264.518 $\pm$ 1.331 χ^2/NDF : 3250399.4/7

All: 2196.636 $\pm$ 0.914 χ^2/NDF : 4828046.9/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -12.458 $\pm$ 3.570 χ^2 /NDF: 57.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.412 $\pm$ 3.009 χ^2 /NDF: 19.1/7

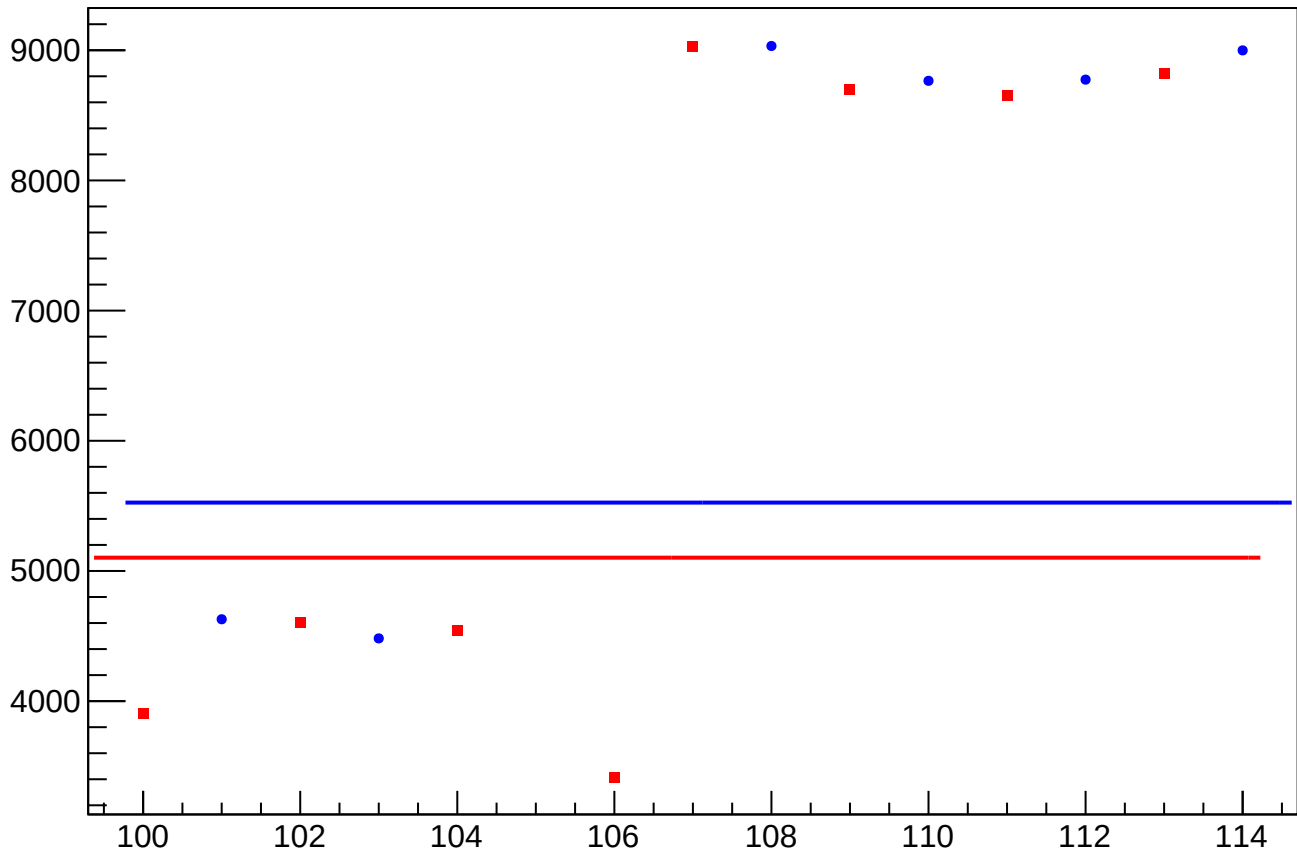
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.418 $\pm$ 2.301 χ^2 /NDF: 114.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 5525.272+/-2.524 χ^2/NDF : 508512.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5102.166+/-2.128 χ^2/NDF : 799997.9/7

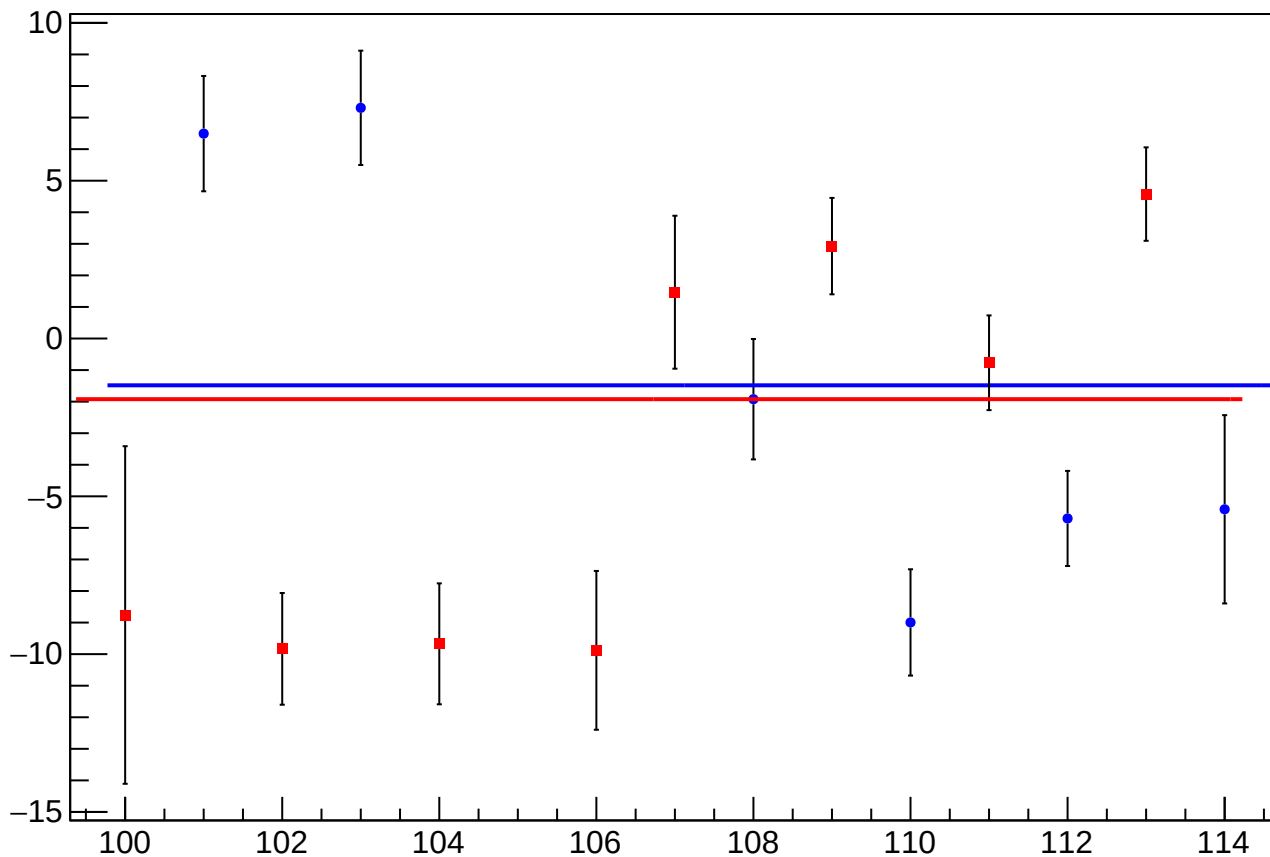
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5277.936+/-1.627 χ^2/NDF : 1324936.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_mean vs Slug



Right In: -1.483 ± 0.749 $\chi^2/\text{NDF}: 72.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.922 ± 0.662 $\chi^2/\text{NDF}: 79.9/7$

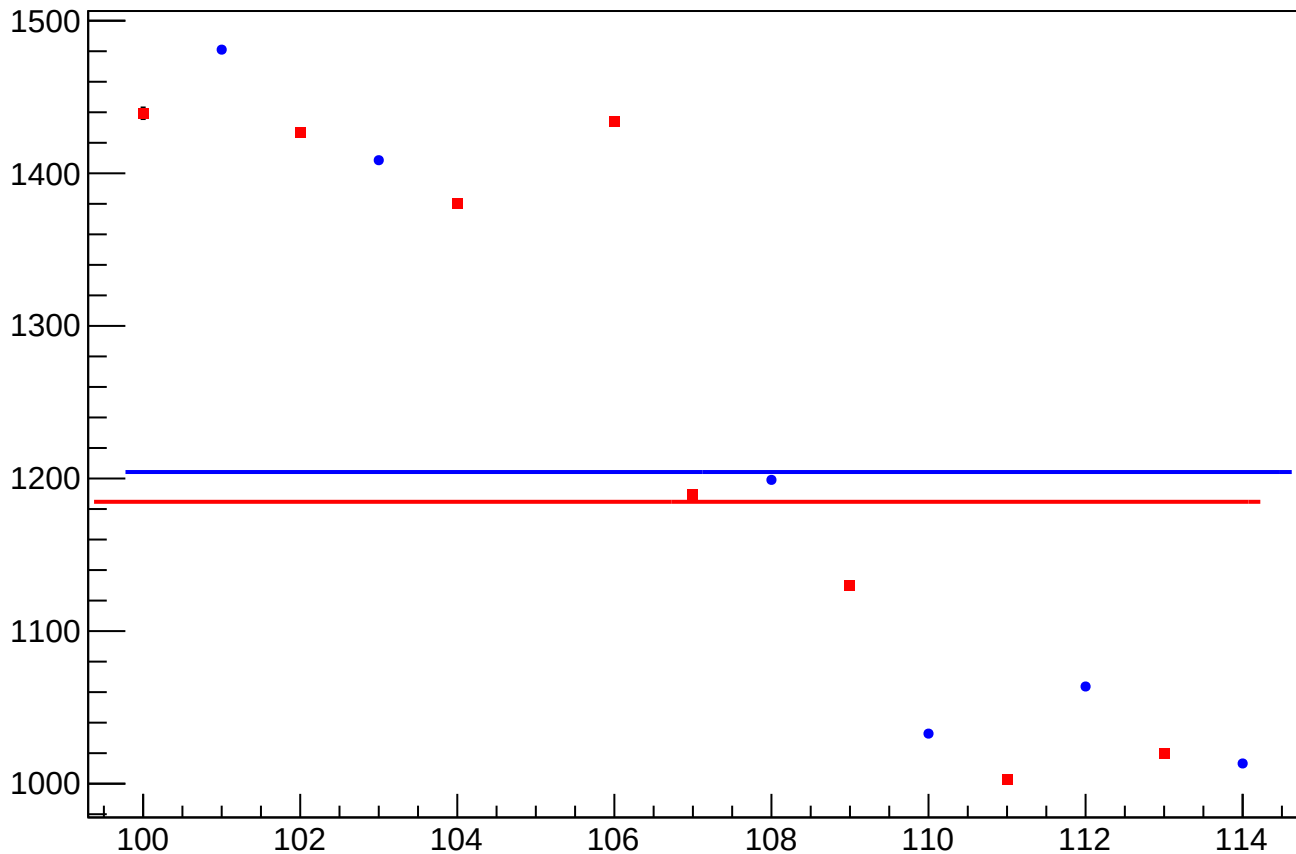
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.729 ± 0.496 $\chi^2/\text{NDF}: 152.2/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l04Y_rms vs Slug



Right In: 1204.248 $\pm$ 0.529 χ^2 /NDF: 117700.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1184.733 $\pm$ 0.468 χ^2 /NDF: 139030.5/7

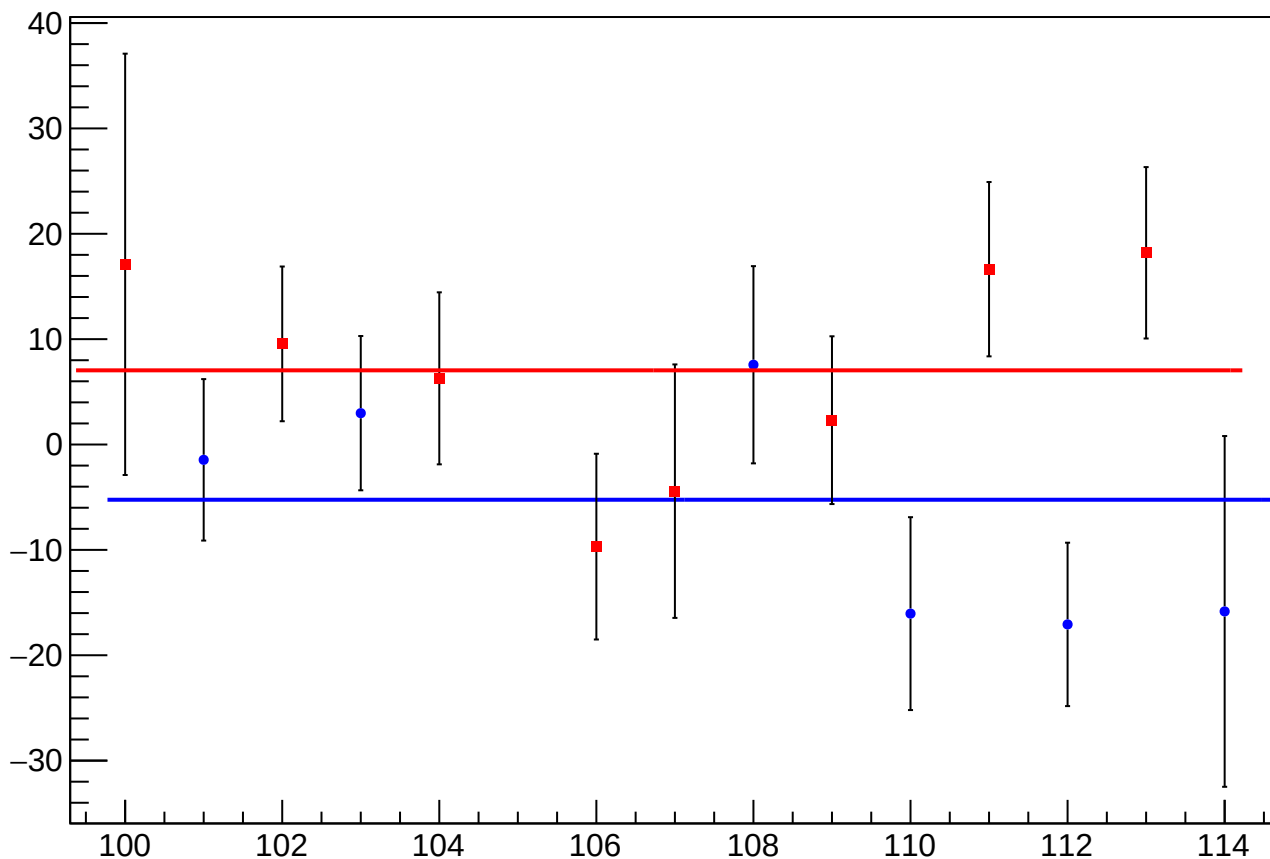
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1193.292 $\pm$ 0.351 χ^2 /NDF: 257494.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -5.241+/-3.551 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.040+/-3.141 χ^2/NDF : 8.5/7

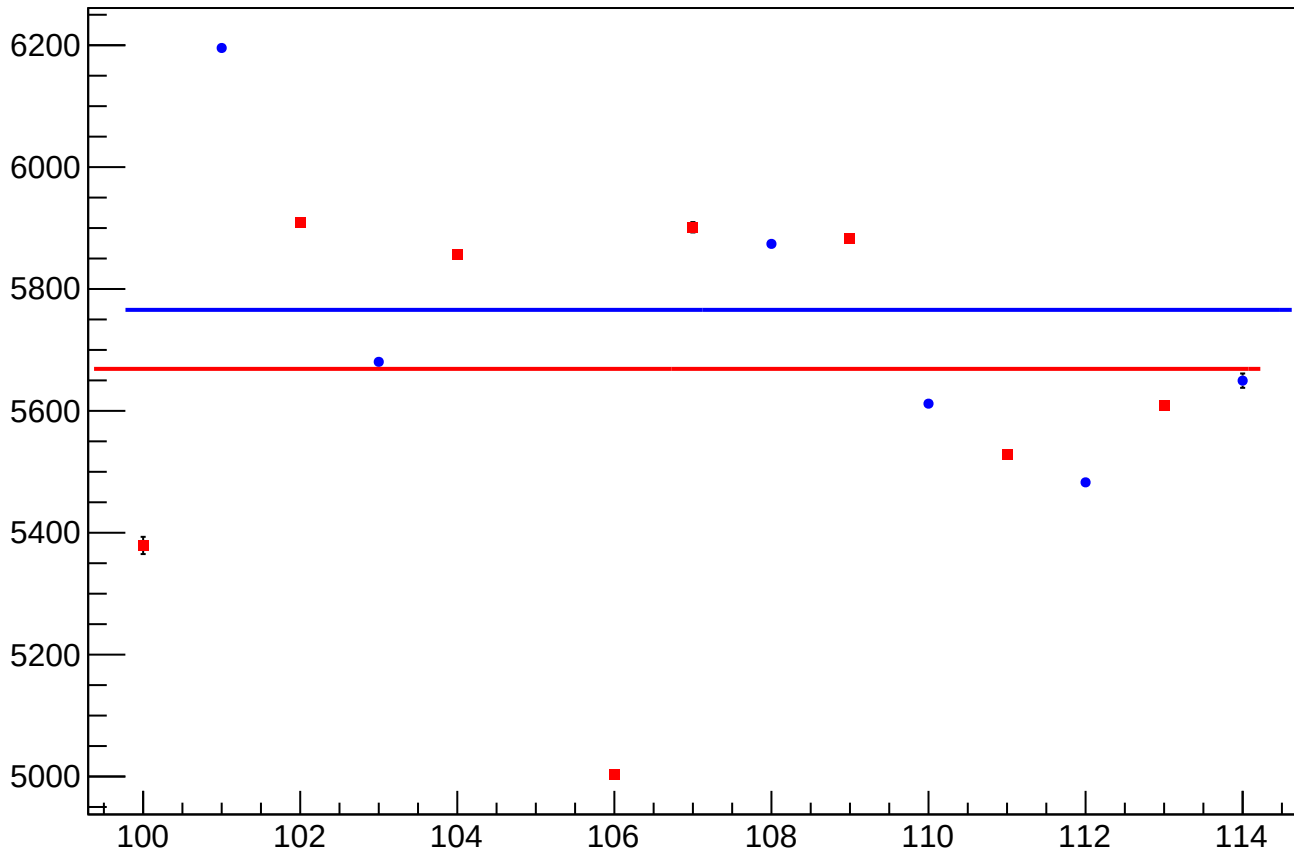
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.649+/-2.353 χ^2/NDF : 22.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05X_rms vs Slug



Right In: 5765.746 $\pm$ 2.511 χ^2 /NDF: 10158.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5668.917 $\pm$ 2.221 χ^2 /NDF: 17880.3/7

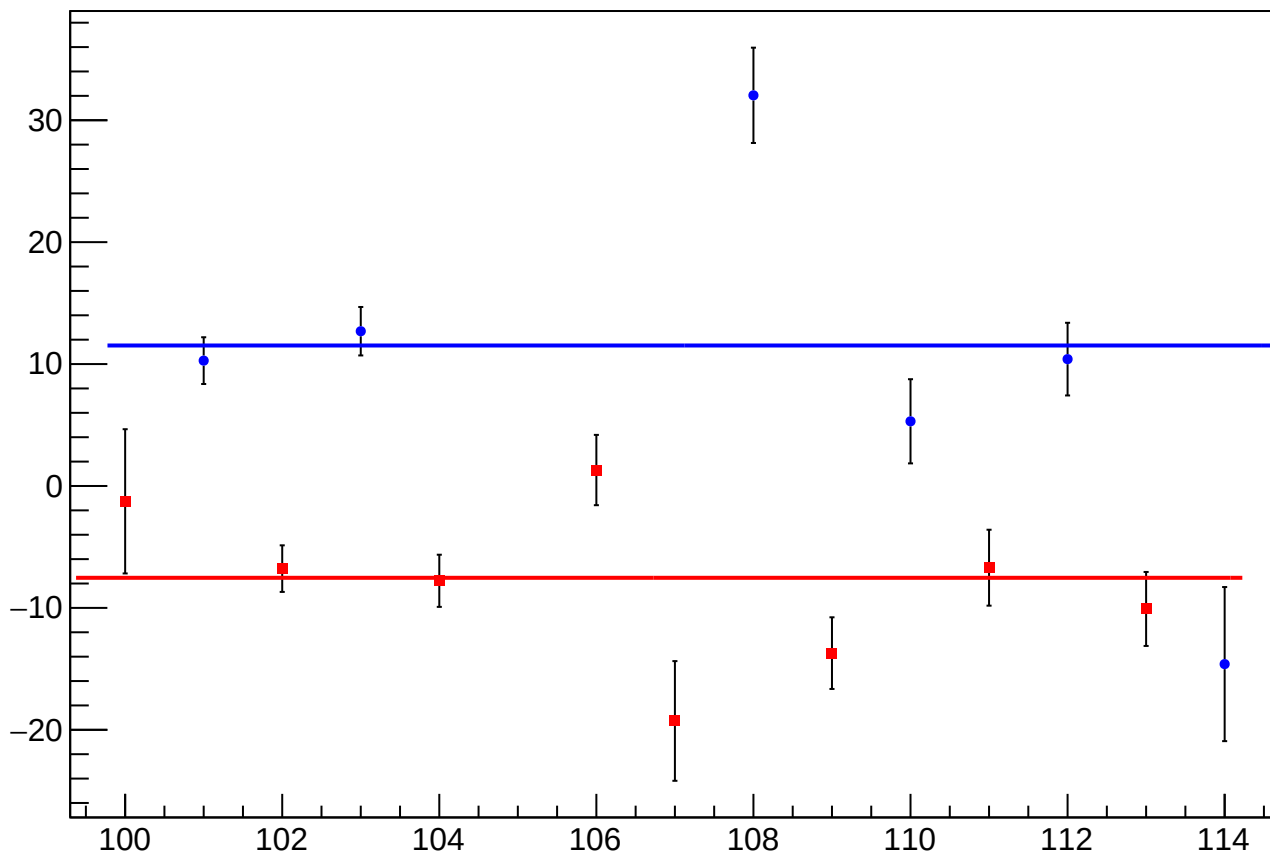
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5711.419 $\pm$ 1.664 χ^2 /NDF: 28873.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_mean vs Slug



Right In: 11.523+/-1.110 χ^2/NDF : 48.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.531+/-0.995 χ^2/NDF : 21.6/7

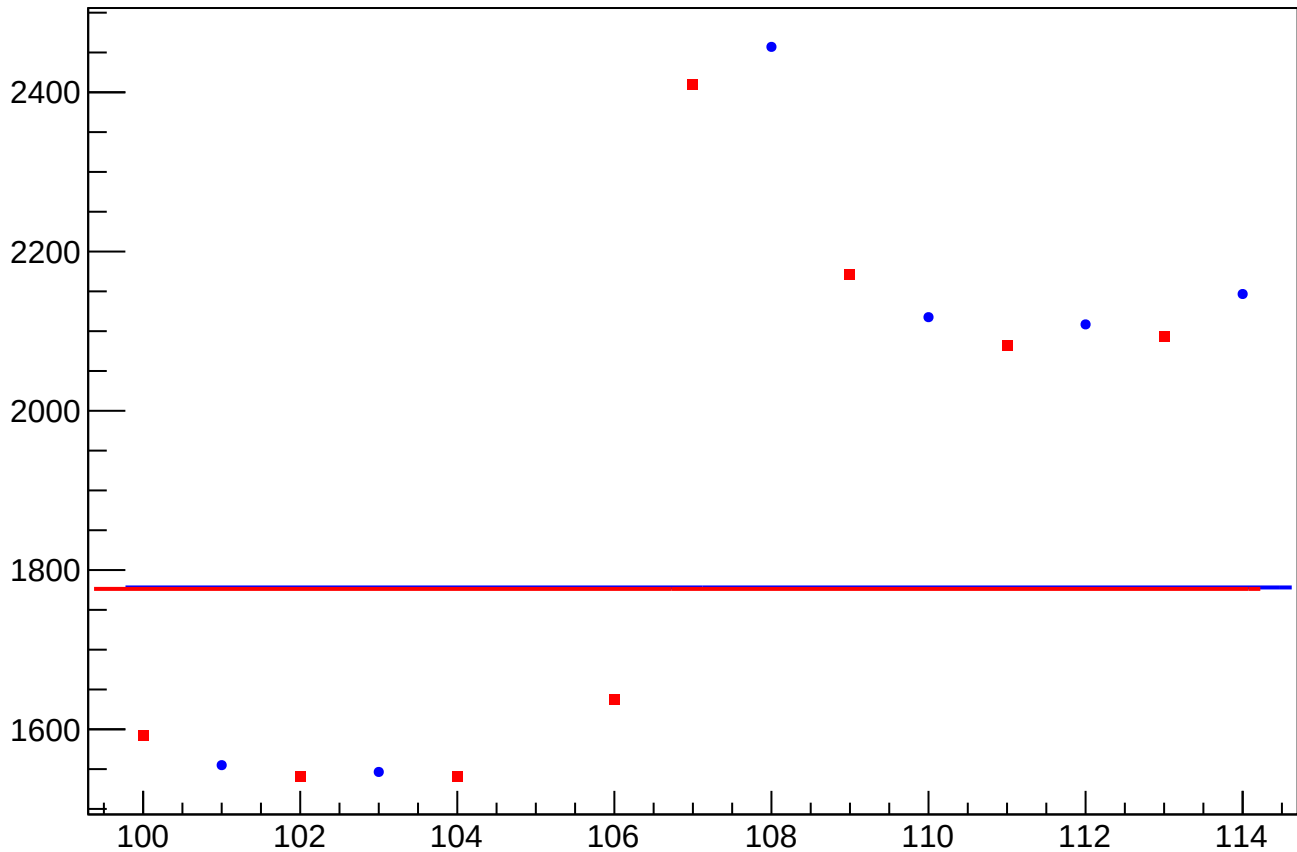
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.960+/-0.741 χ^2/NDF : 233.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1778.132+/-0.785 χ^2/NDF : 165309.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1776.332+/-0.704 χ^2/NDF : 171833.3/7

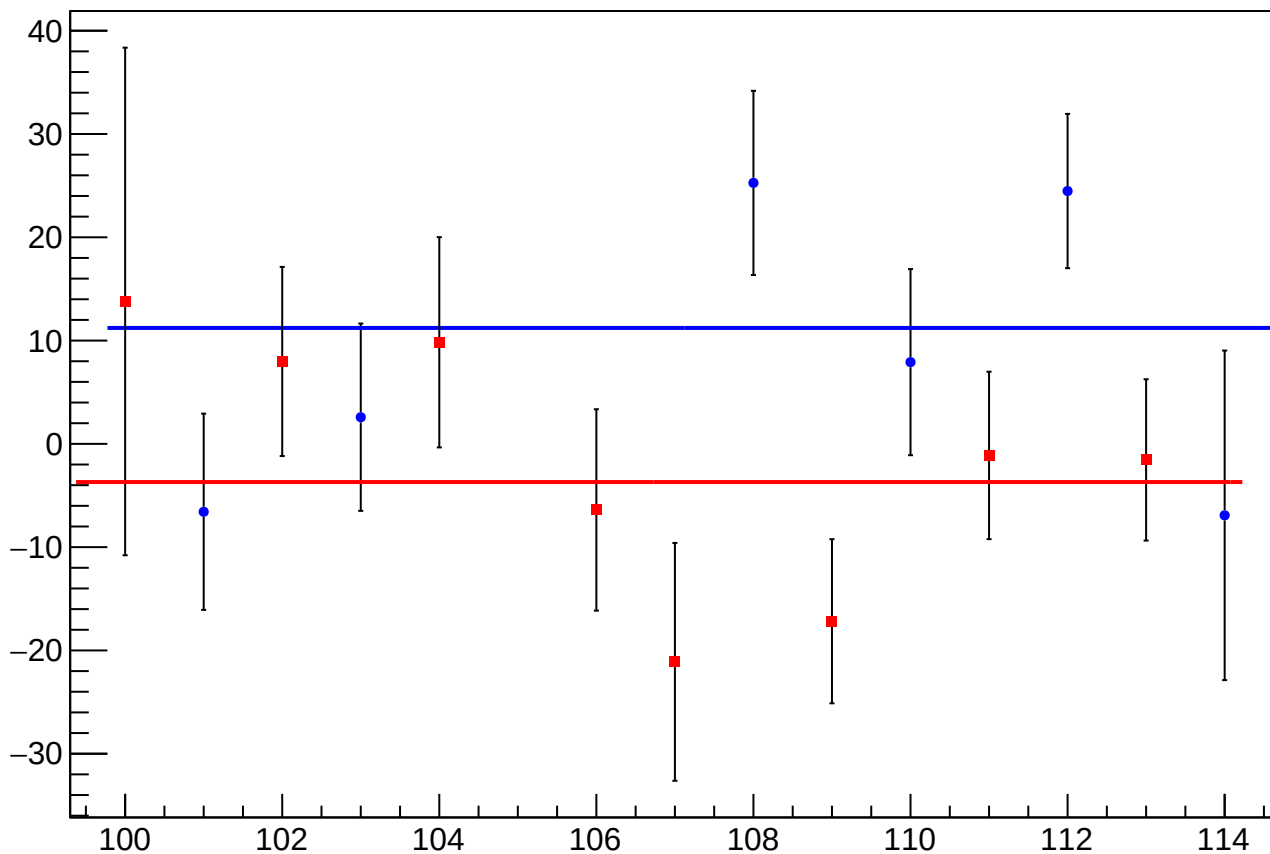
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.134+/-0.524 χ^2/NDF : 337145.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 11.224 $\pm$ 3.780 χ^2 /NDF: 11.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.697 $\pm$ 3.357 χ^2 /NDF: 9.3/7

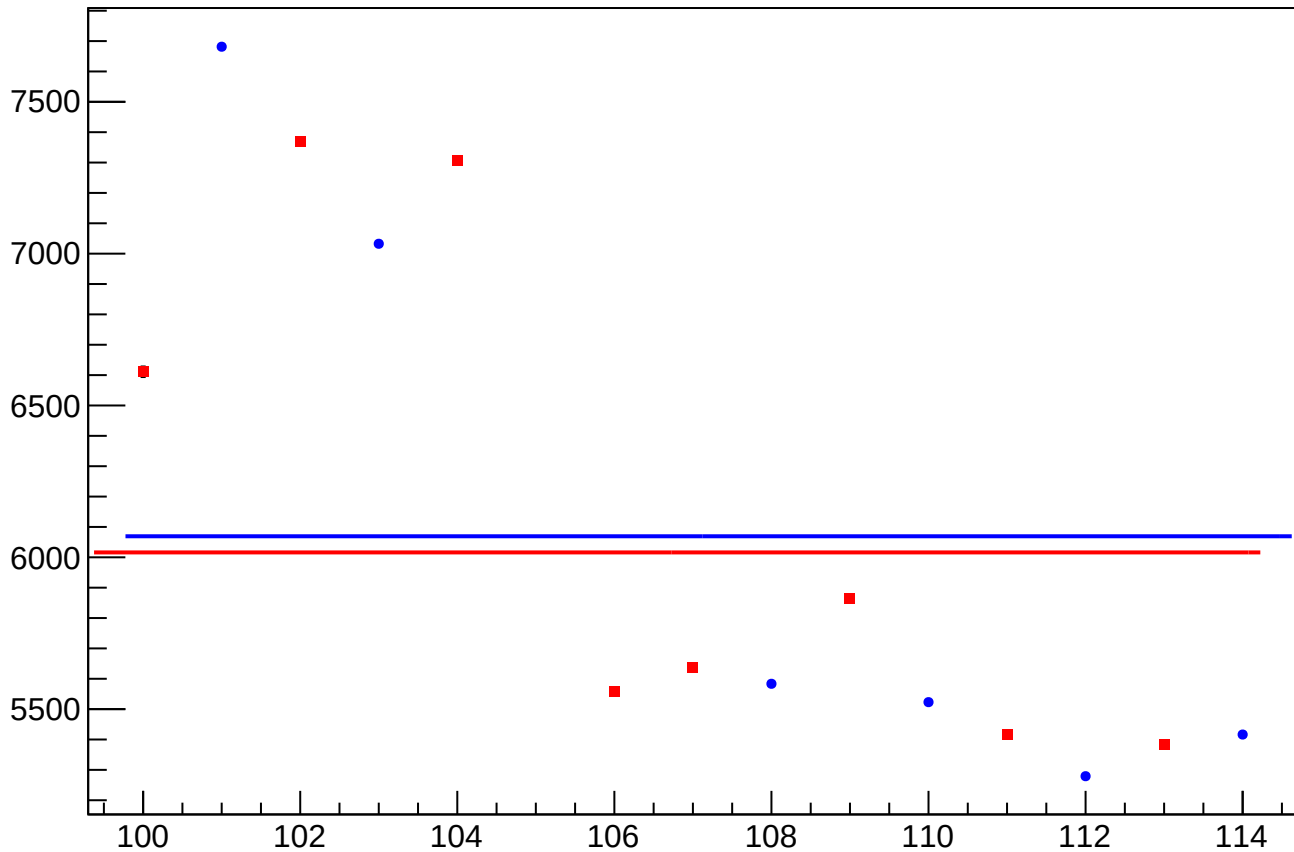
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.882 $\pm$ 2.510 χ^2 /NDF: 29.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6069.283+/-2.673 χ^2/NDF : 119191.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6016.107+/-2.374 χ^2/NDF : 108341.3/7

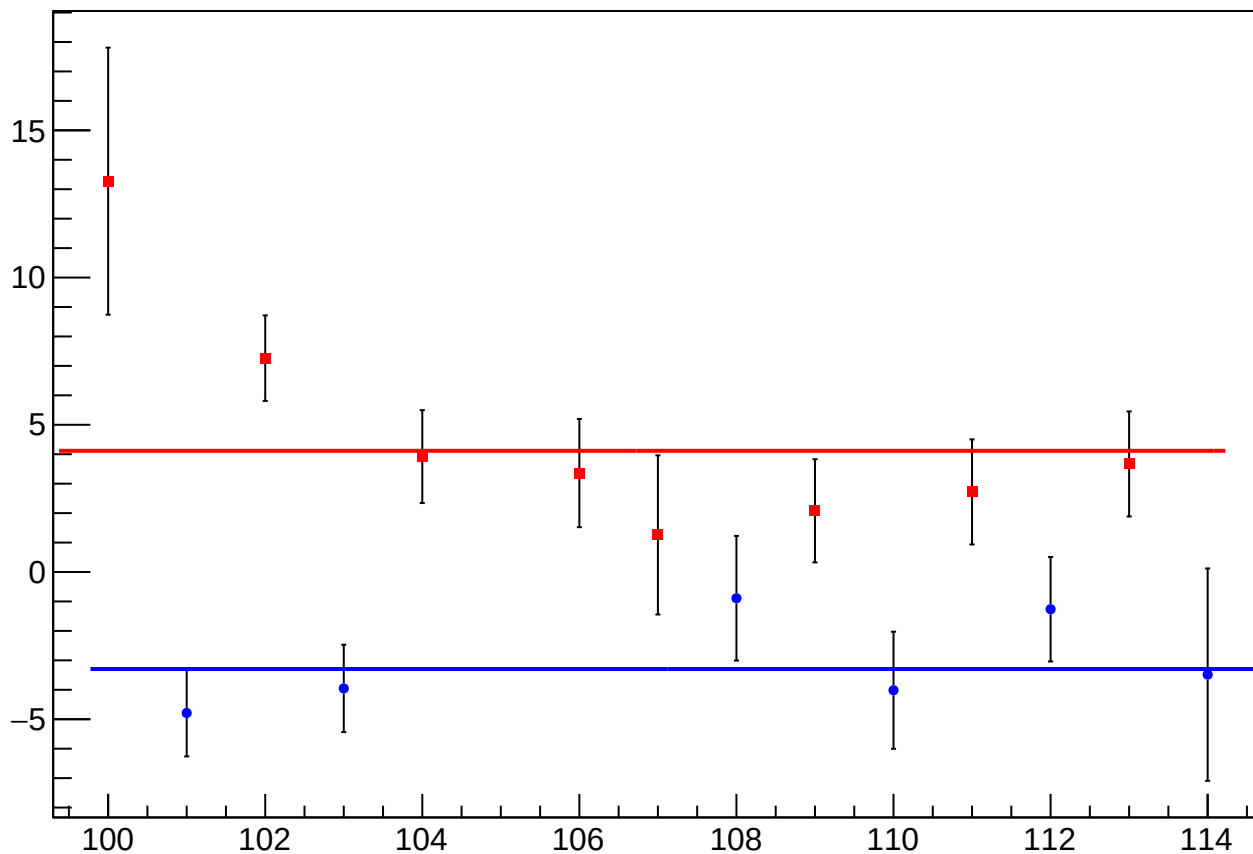
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6039.554+/-1.775 χ^2/NDF : 227753.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -3.295+/-0.749 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.117+/-0.658 χ^2/NDF : 12.1/7

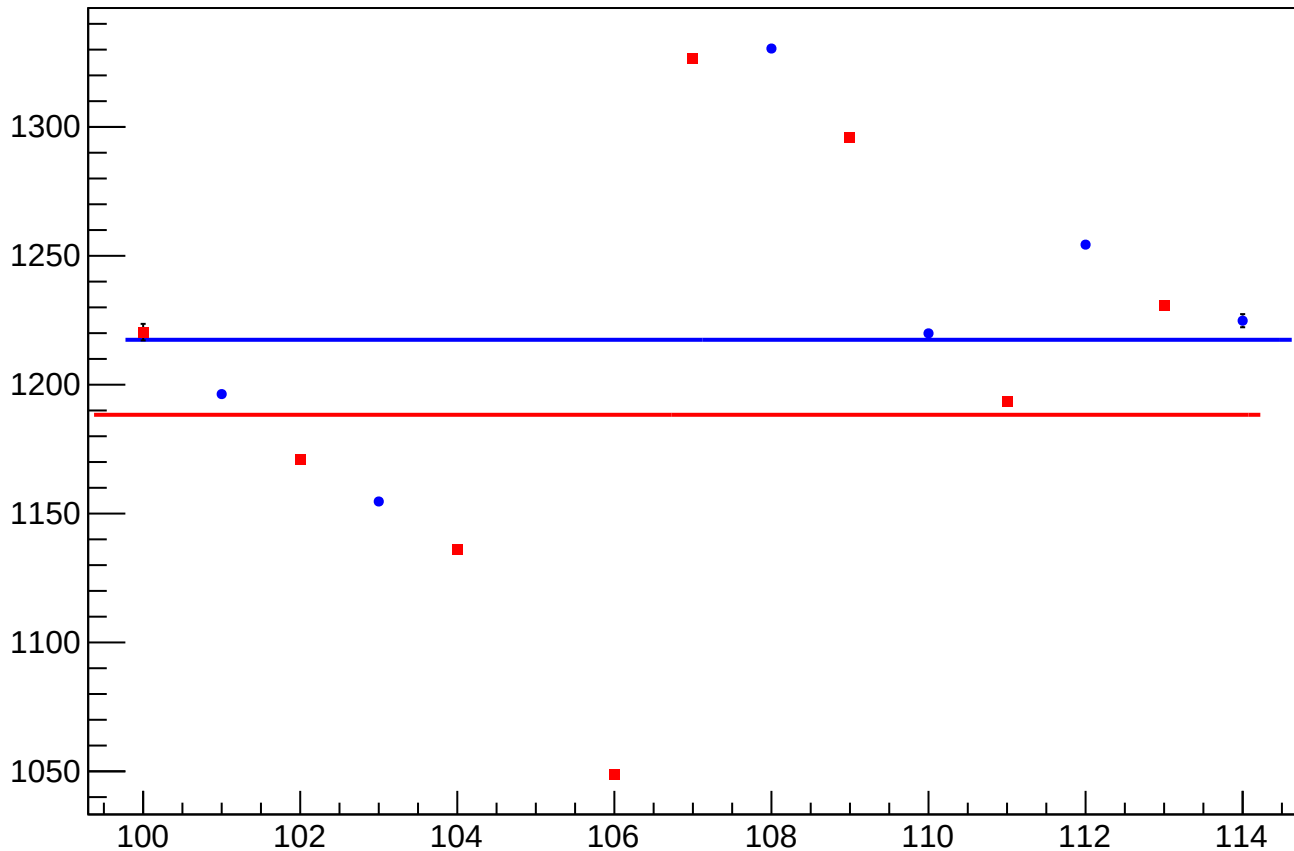
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.888+/-0.494 χ^2/NDF : 71.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1217.423+/-0.529 χ^2/NDF : 10560.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.325+/-0.465 χ^2/NDF : 28082.4/7

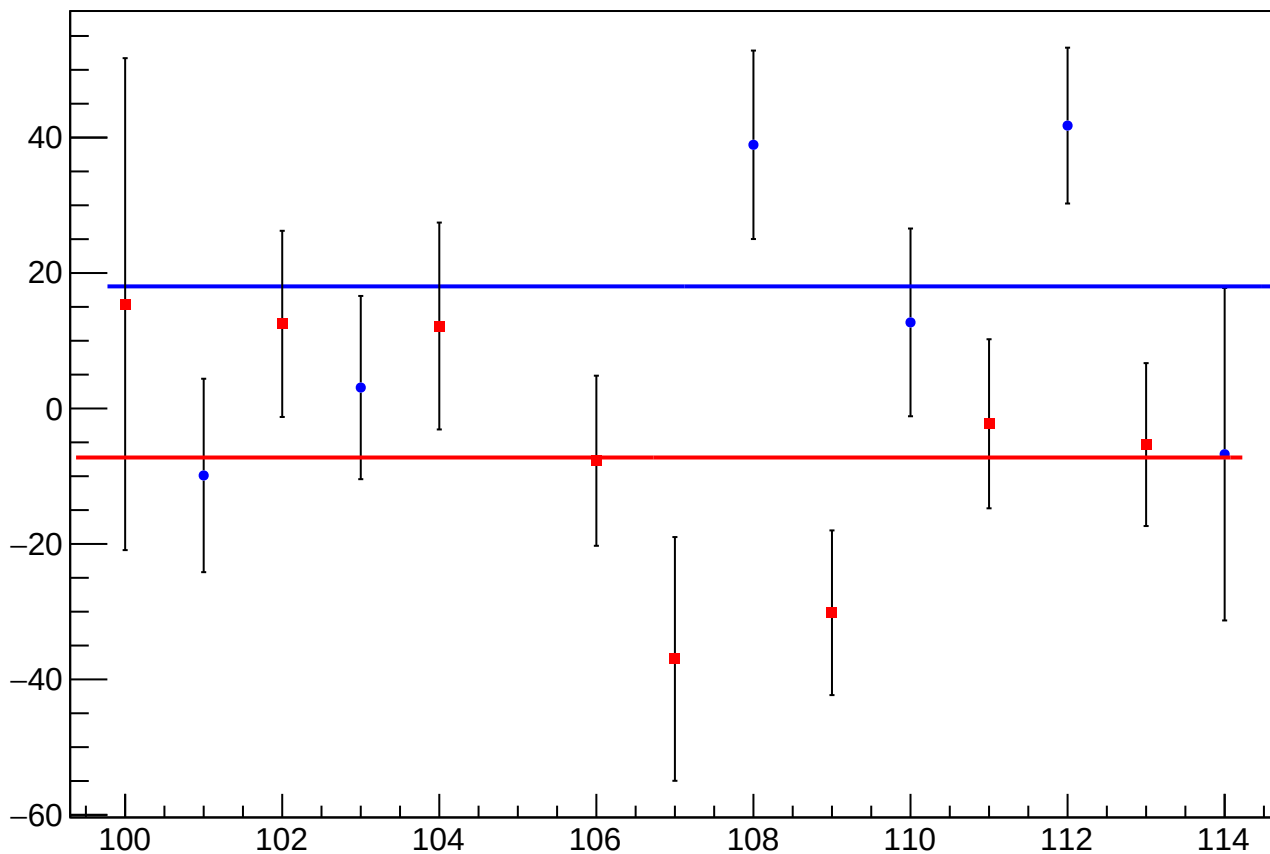
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.001+/-0.349 χ^2/NDF : 40348.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 18.027 $\pm$ 5.778 χ^2 /NDF: 12.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.236 $\pm$ 5.008 χ^2 /NDF: 10.5/7

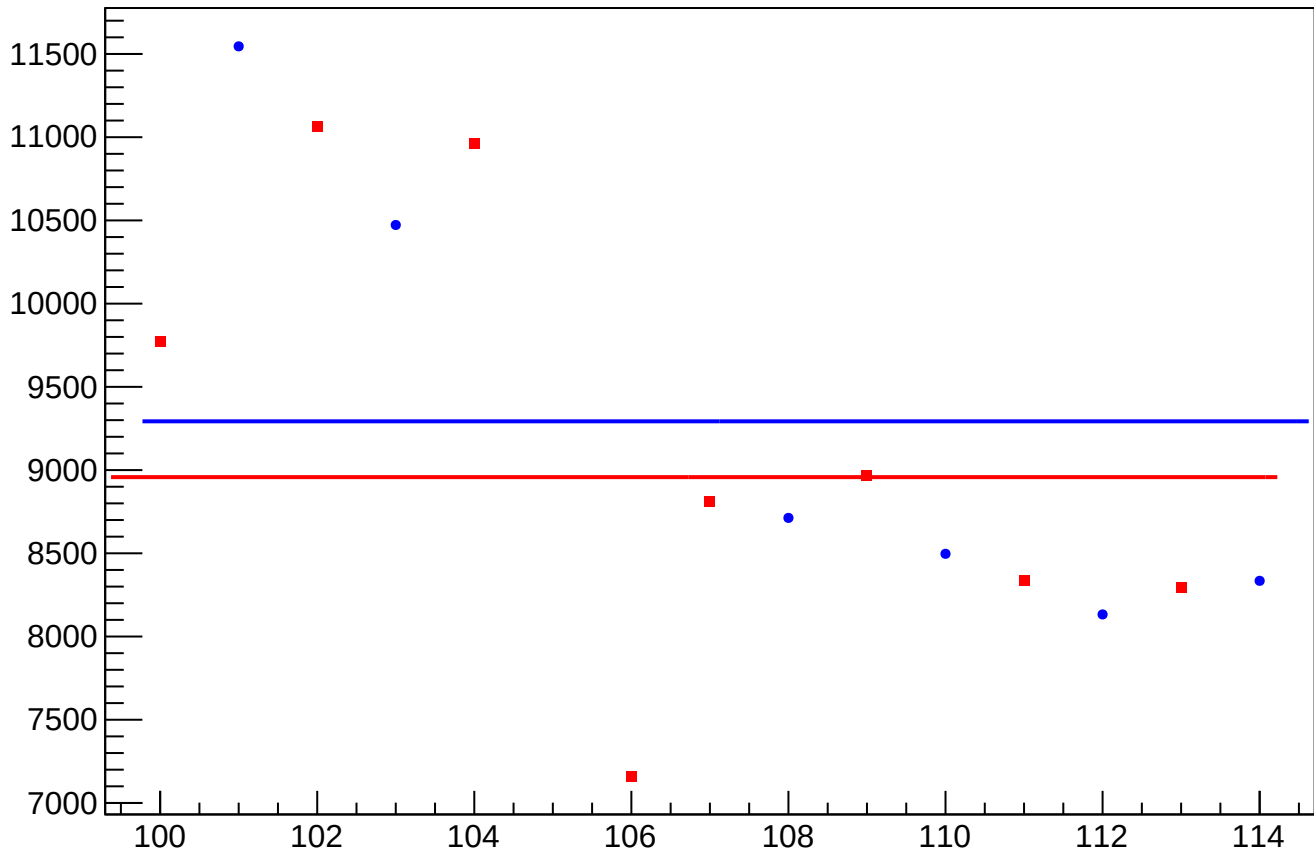
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.603 $\pm$ 3.784 χ^2 /NDF: 34.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



Right In: 9292.985 $\pm$ 4.085 χ^2 /NDF: 98465.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8957.625 $\pm$ 3.541 χ^2 /NDF: 134446.6/7

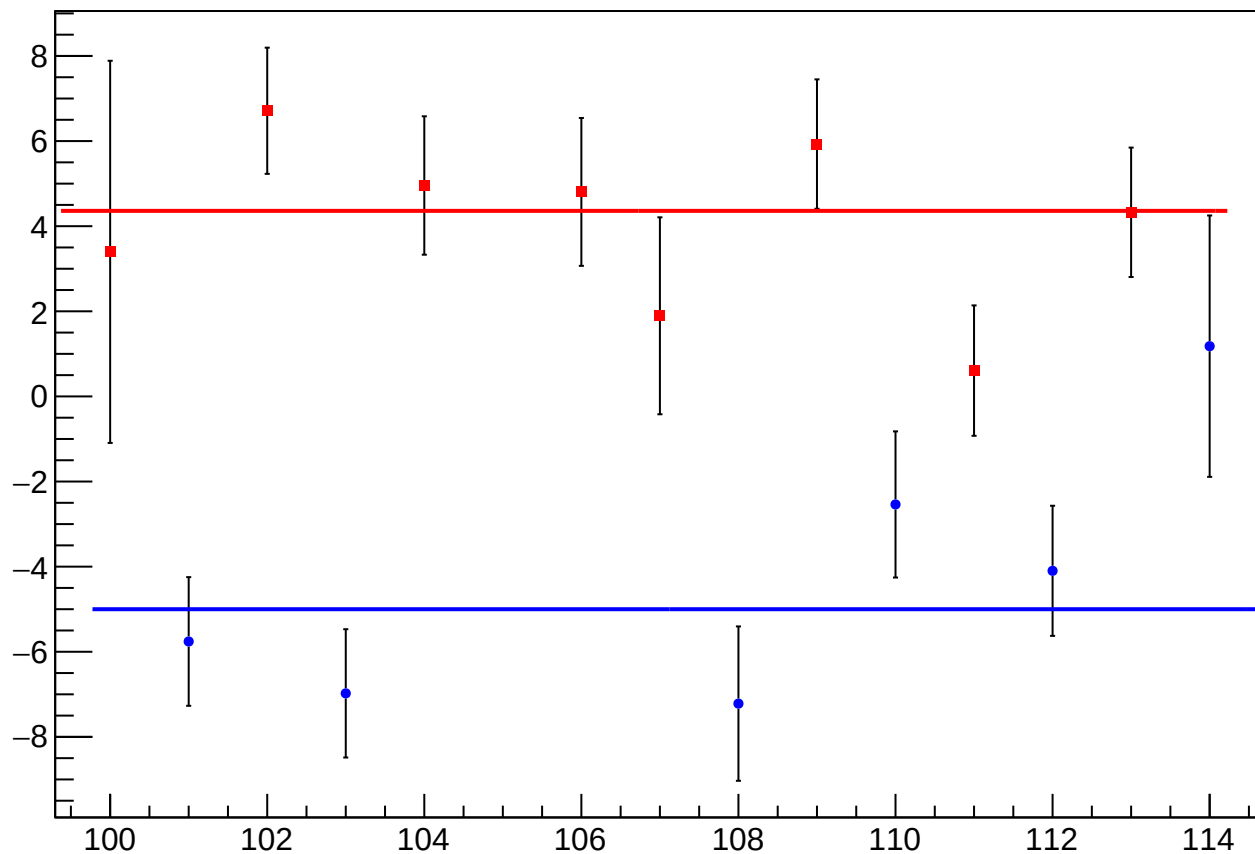
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9101.504 $\pm$ 2.676 χ^2 /NDF: 236759.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -5.000 ± 0.698 χ^2/NDF : 9.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.360 ± 0.609 χ^2/NDF : 11.0/7

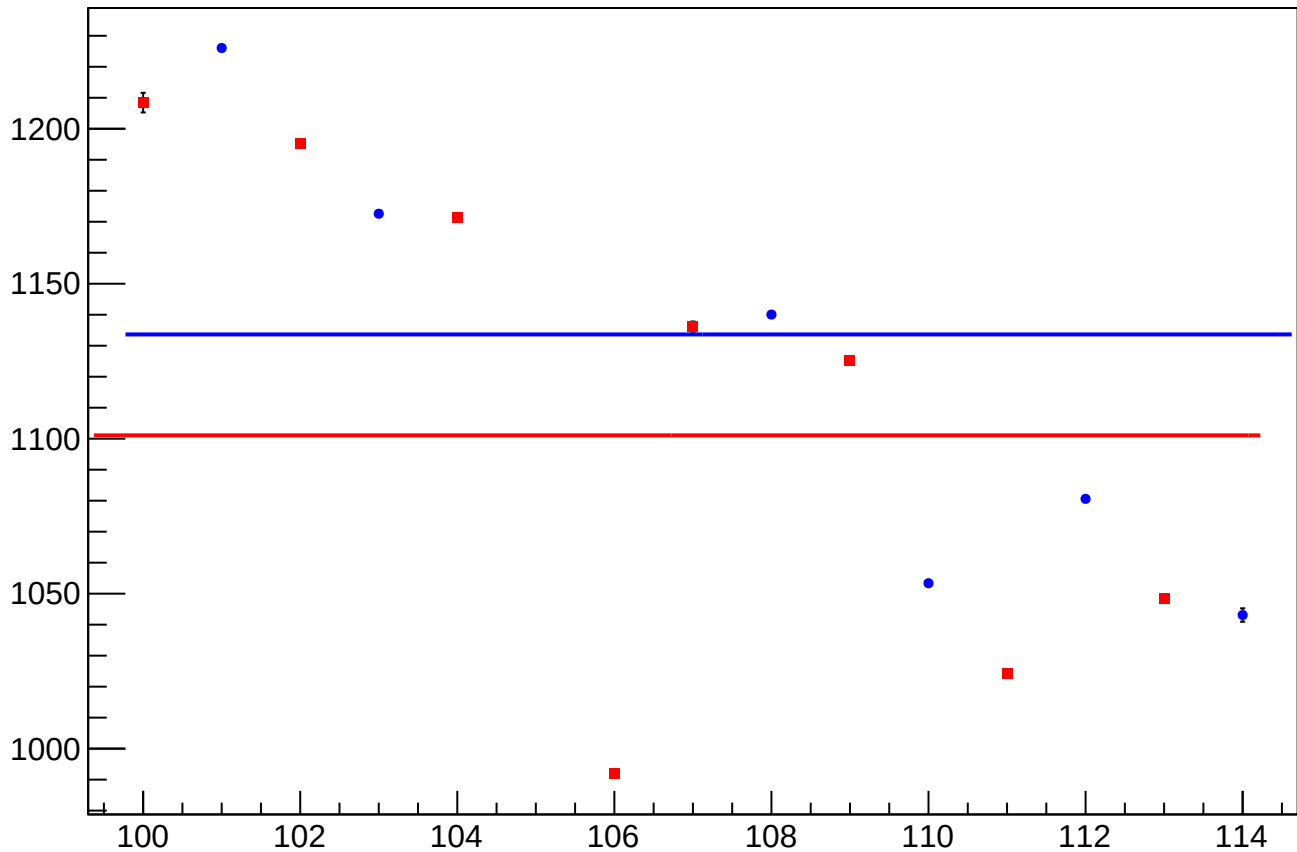
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.308 ± 0.459 χ^2/NDF : 123.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1133.641 $\pm$ 0.493 χ^2 /NDF: 17350.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1101.075 $\pm$ 0.431 χ^2 /NDF: 29264.5/7

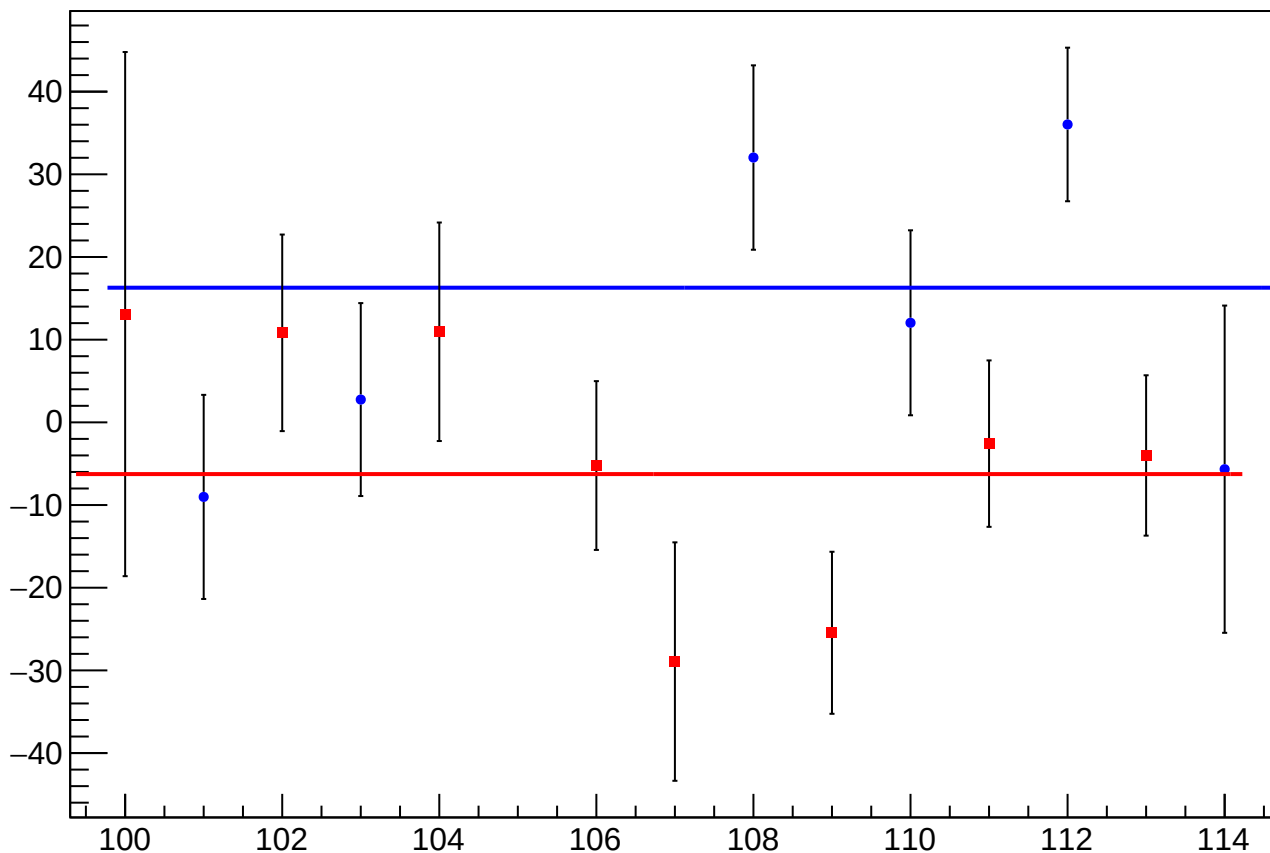
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1115.172 $\pm$ 0.325 χ^2 /NDF: 49086.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 16.287 $\pm$ 4.763 χ^2 /NDF: 13.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.257 $\pm$ 4.113 χ^2 /NDF: 10.6/7

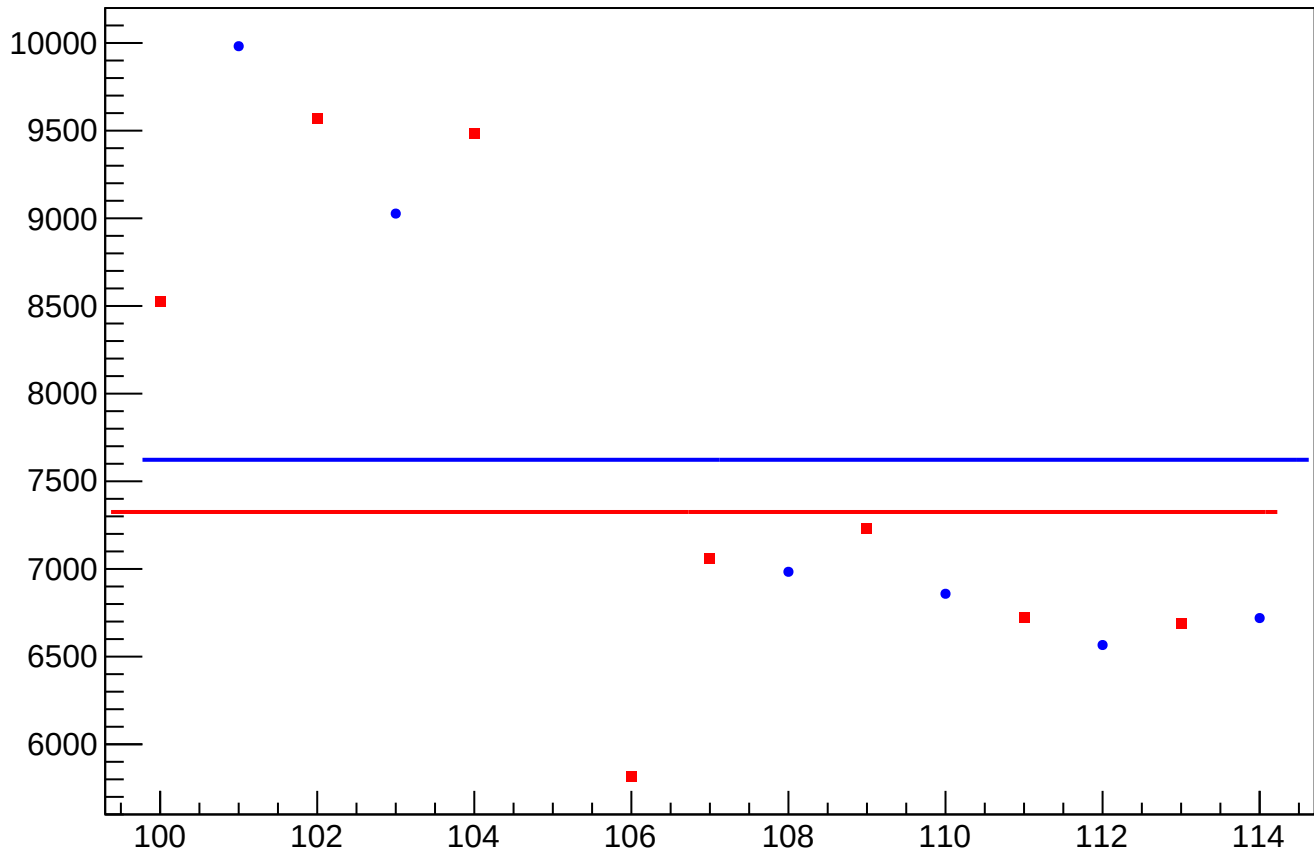
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.373 $\pm$ 3.113 χ^2 /NDF: 36.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7622.723+/-3.368 χ^2/NDF : 147947.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7324.971+/-2.908 χ^2/NDF : 187872.1/7

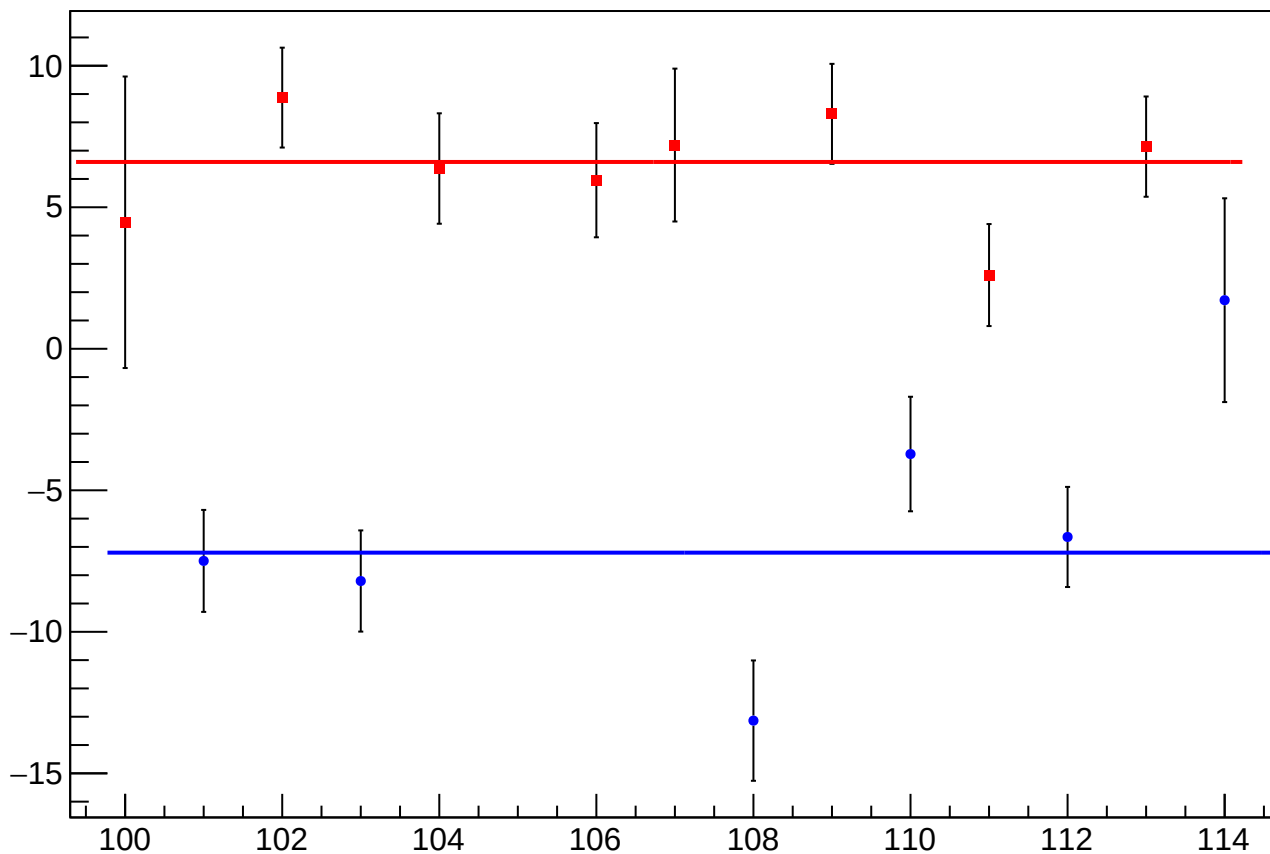
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7452.155+/-2.201 χ^2/NDF : 340297.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -7.203 ± 0.821 χ^2/NDF : 17.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.600 ± 0.716 χ^2/NDF : 7.9/7

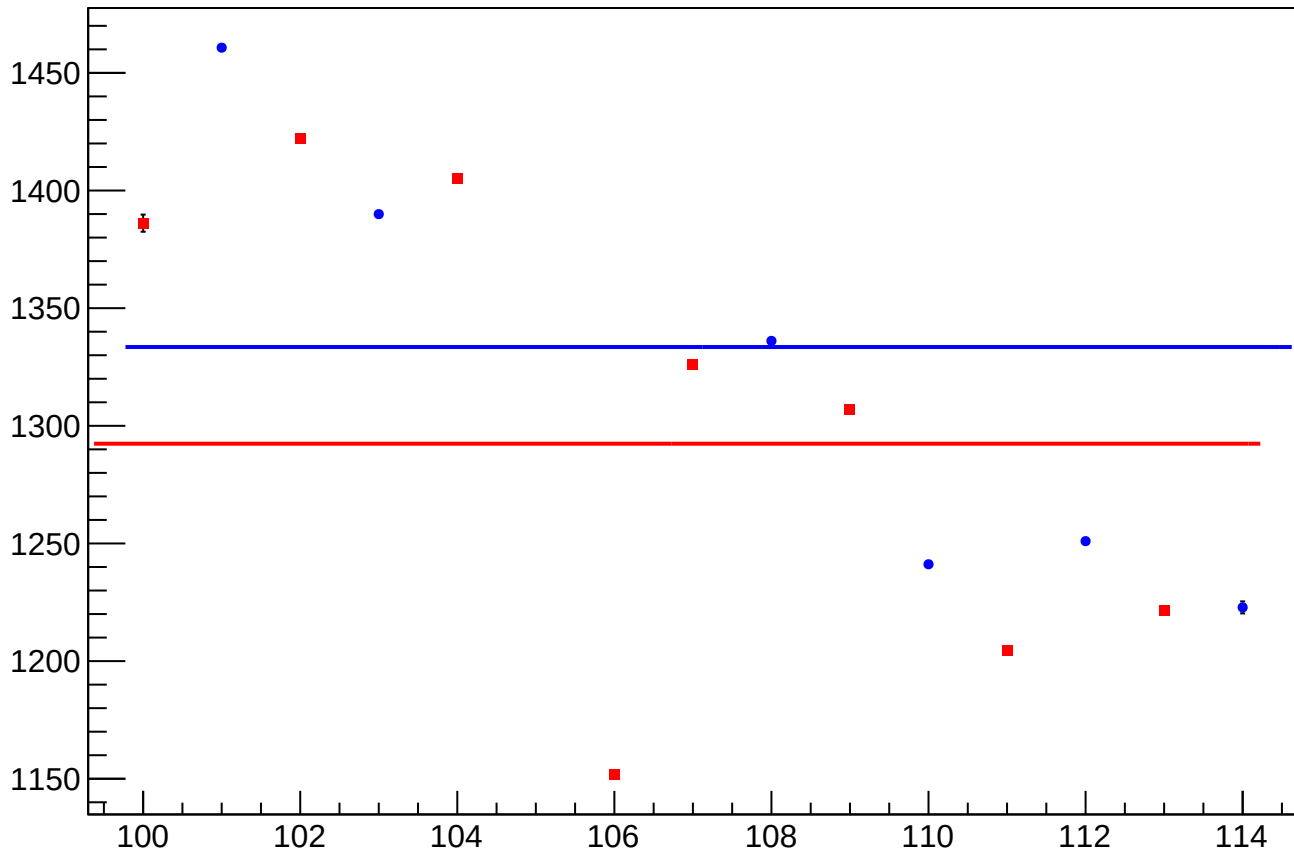
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.640 ± 0.540 χ^2/NDF : 185.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1333.491 $\pm$ 0.581 χ^2 /NDF: 22381.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1292.403 $\pm$ 0.506 χ^2 /NDF: 36259.2/7

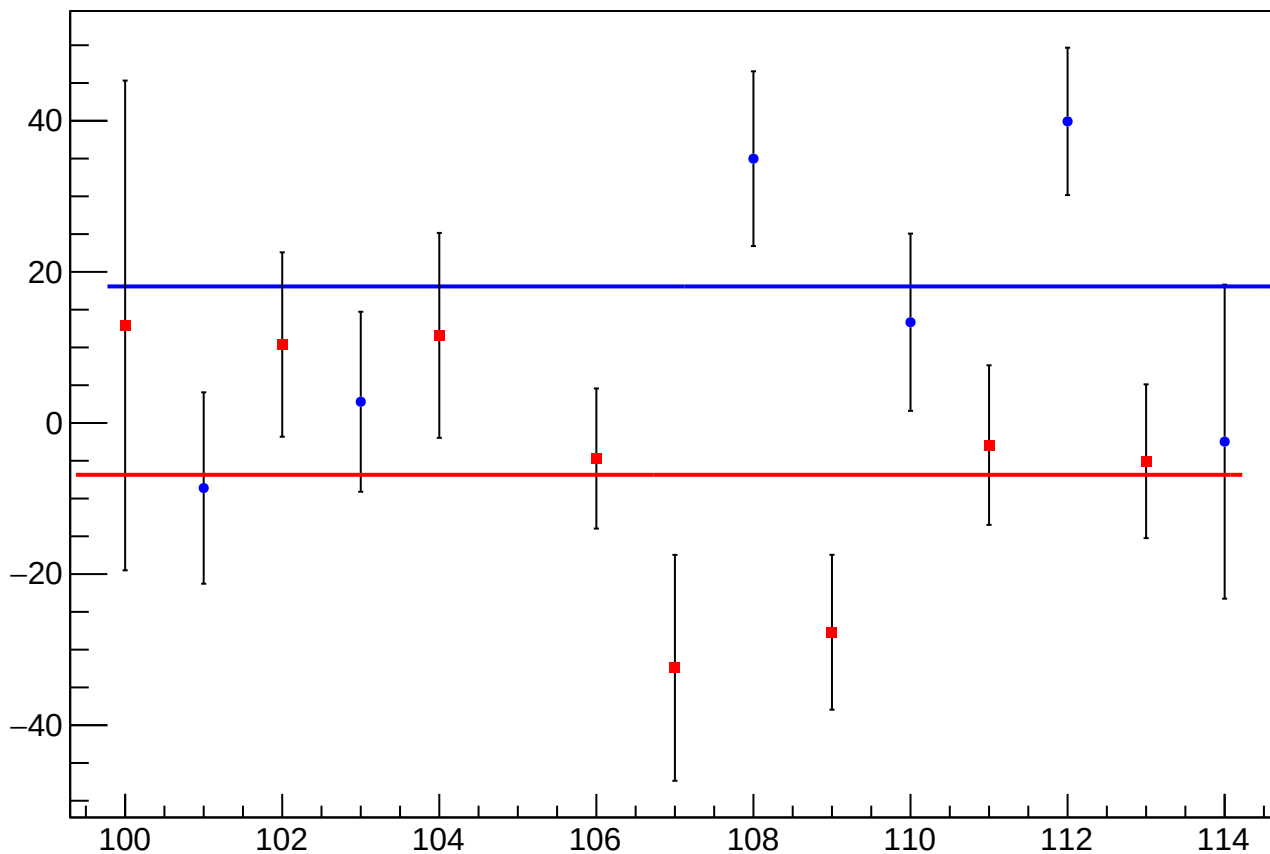
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1310.146 $\pm$ 0.382 χ^2 /NDF: 61485.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 18.074 $\pm$ 4.948 χ^2 /NDF: 14.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.860 $\pm$ 4.176 χ^2 /NDF: 11.5/7

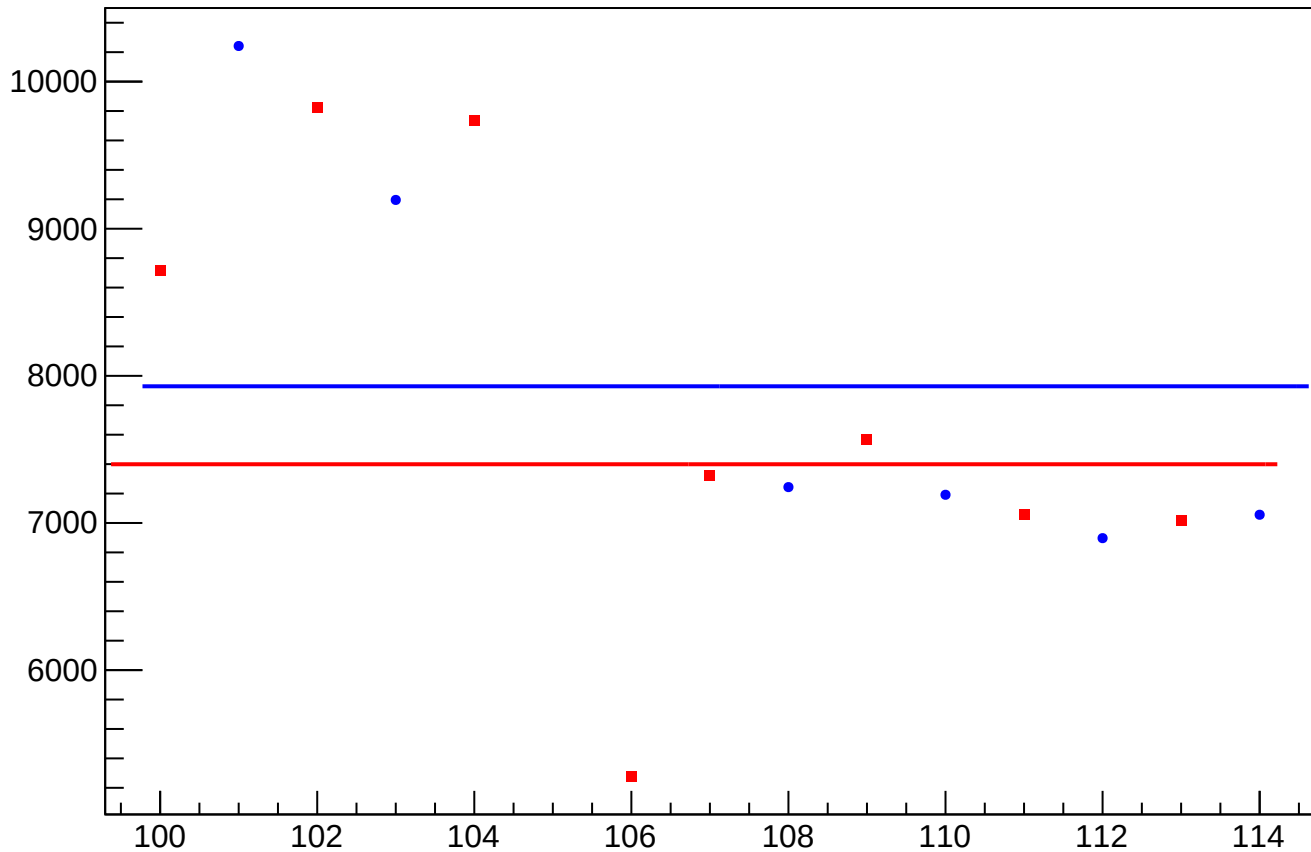
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.513 $\pm$ 3.191 χ^2 /NDF: 40.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 7929.029+/-3.499 χ^2/NDF : 130155.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7399.173+/-2.953 χ^2/NDF : 251958.0/7

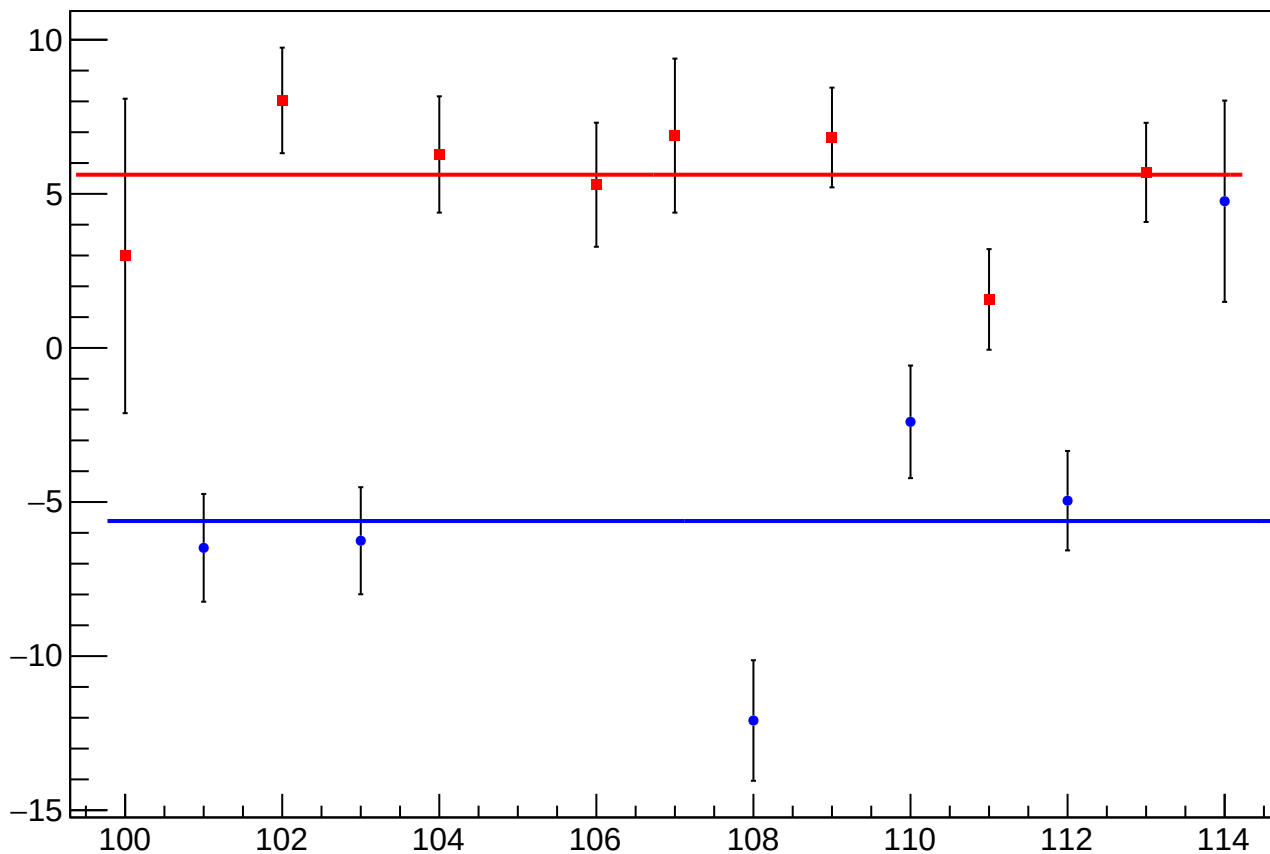
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7619.600+/-2.257 χ^2/NDF : 395508.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_mean vs Slug



Right In: -5.615 ± 0.768 χ^2/NDF : 24.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.621 ± 0.673 χ^2/NDF : 9.4/7

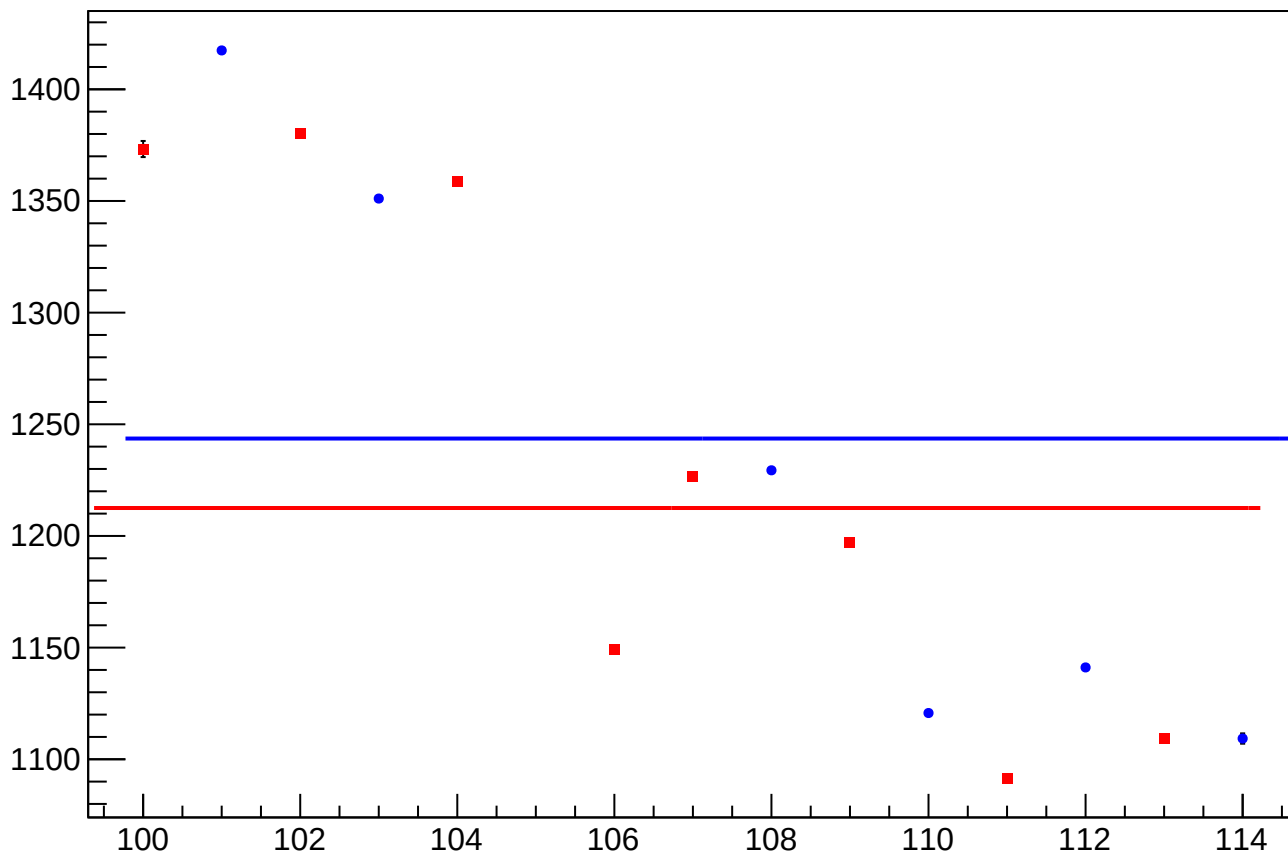
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.742 ± 0.506 χ^2/NDF : 155.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1243.620 $\pm$ 0.543 χ^2 /NDF: 48032.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1212.513 $\pm$ 0.476 χ^2 /NDF: 54632.4/7

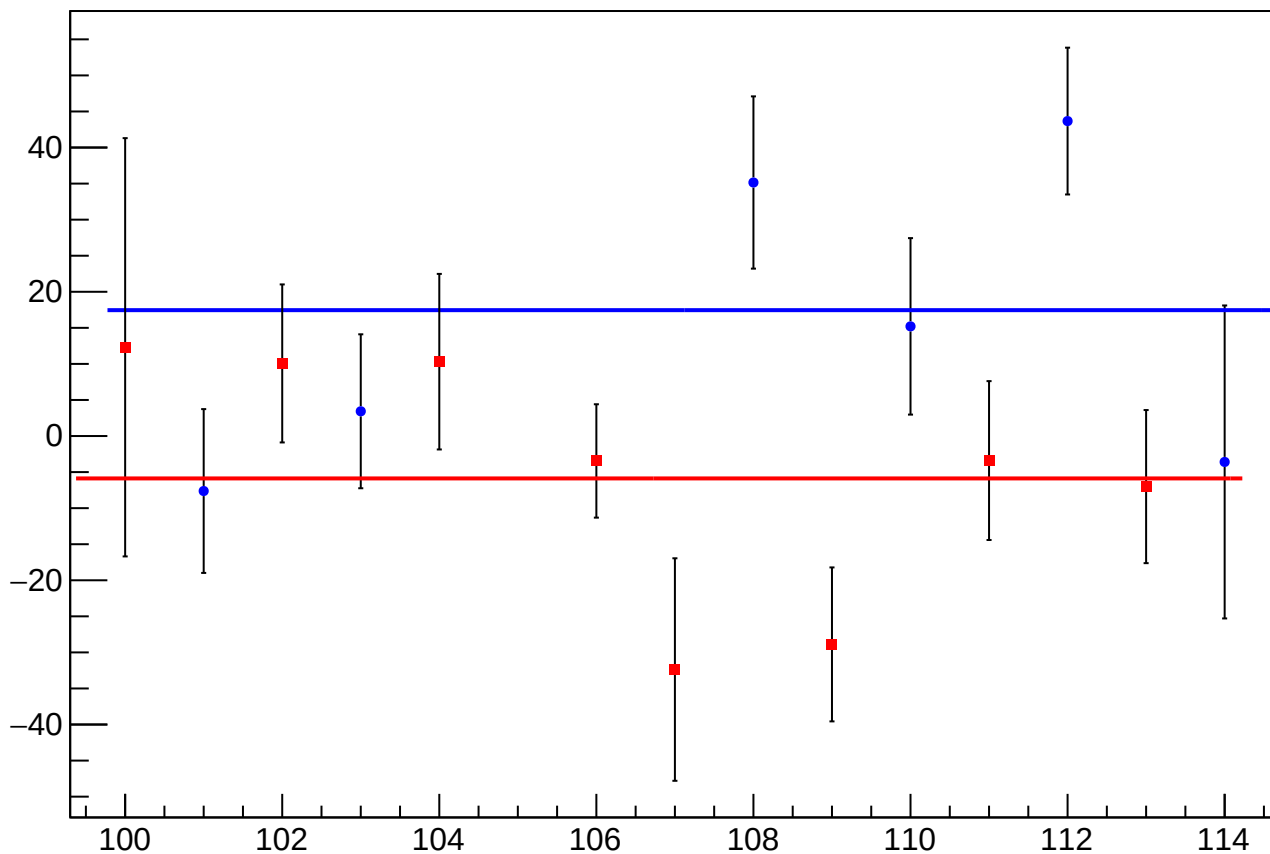
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1226.022 $\pm$ 0.358 χ^2 /NDF: 104522.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 17.452 $\pm$ 4.879 χ^2 /NDF: 16.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.879 $\pm$ 3.998 χ^2 /NDF: 12.0/7

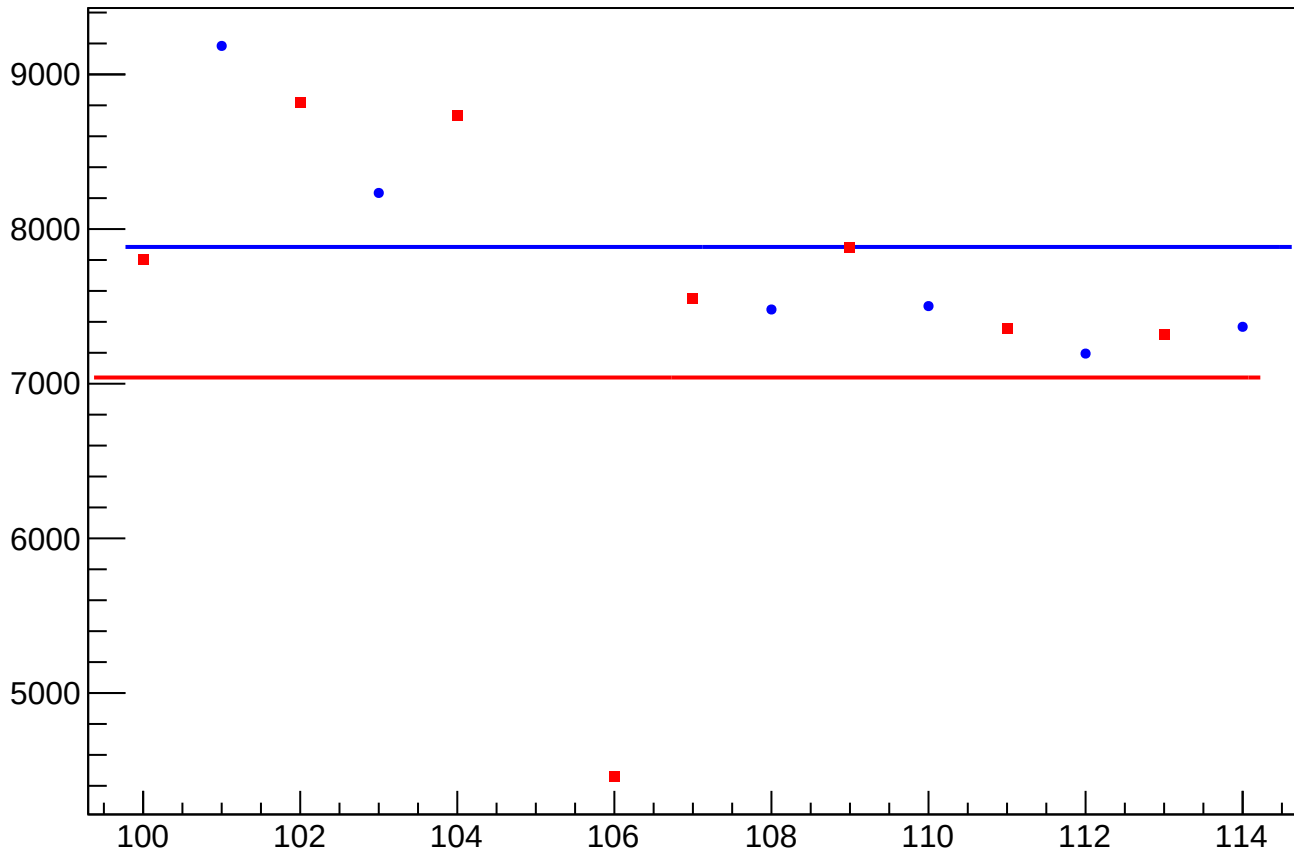
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.494 $\pm$ 3.093 χ^2 /NDF: 42.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 7884.368 $\pm$ 3.450 χ^2 /NDF: 42902.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7040.147 $\pm$ 2.827 χ^2 /NDF: 326492.9/7

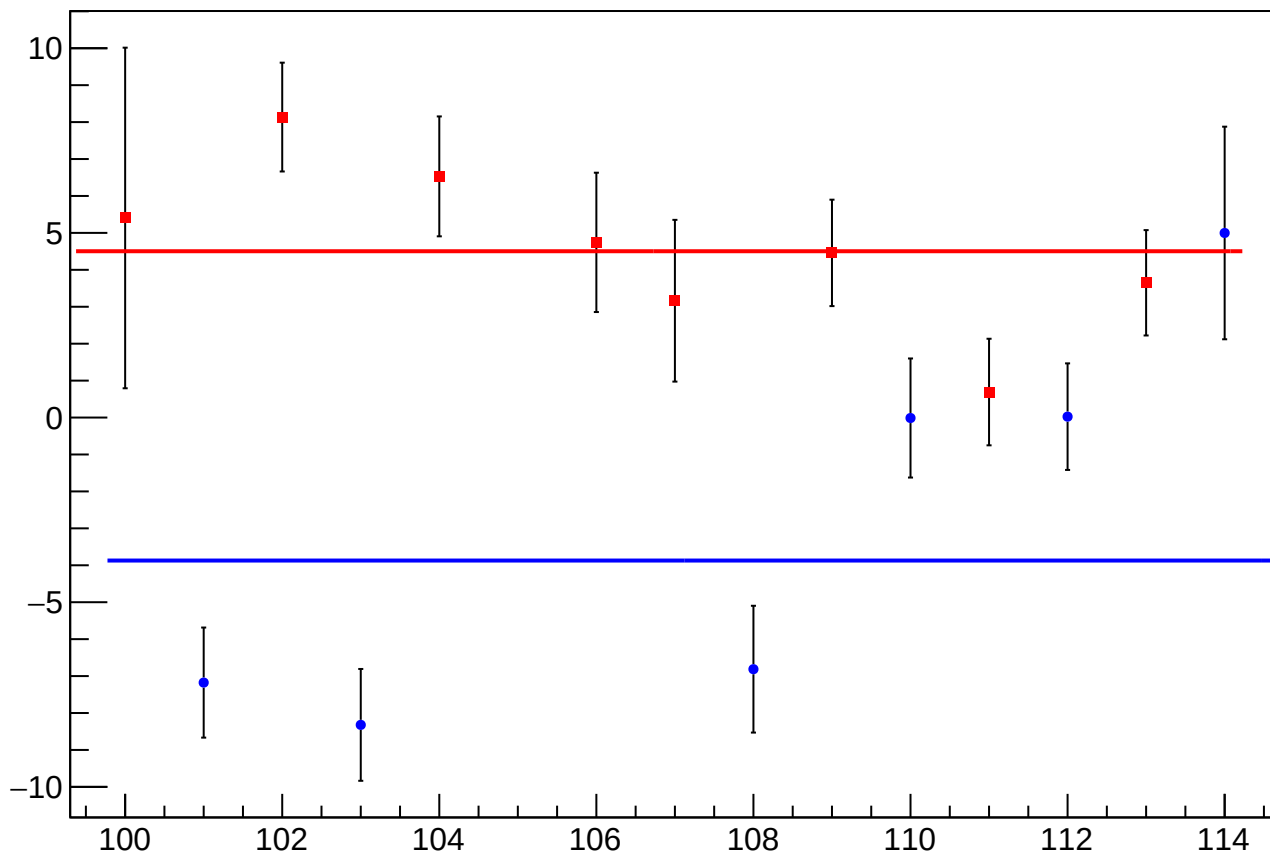
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7379.281 $\pm$ 2.187 χ^2 /NDF: 405217.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -3.872 ± 0.672 χ^2/NDF : 39.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.503 ± 0.594 χ^2/NDF : 15.4/7

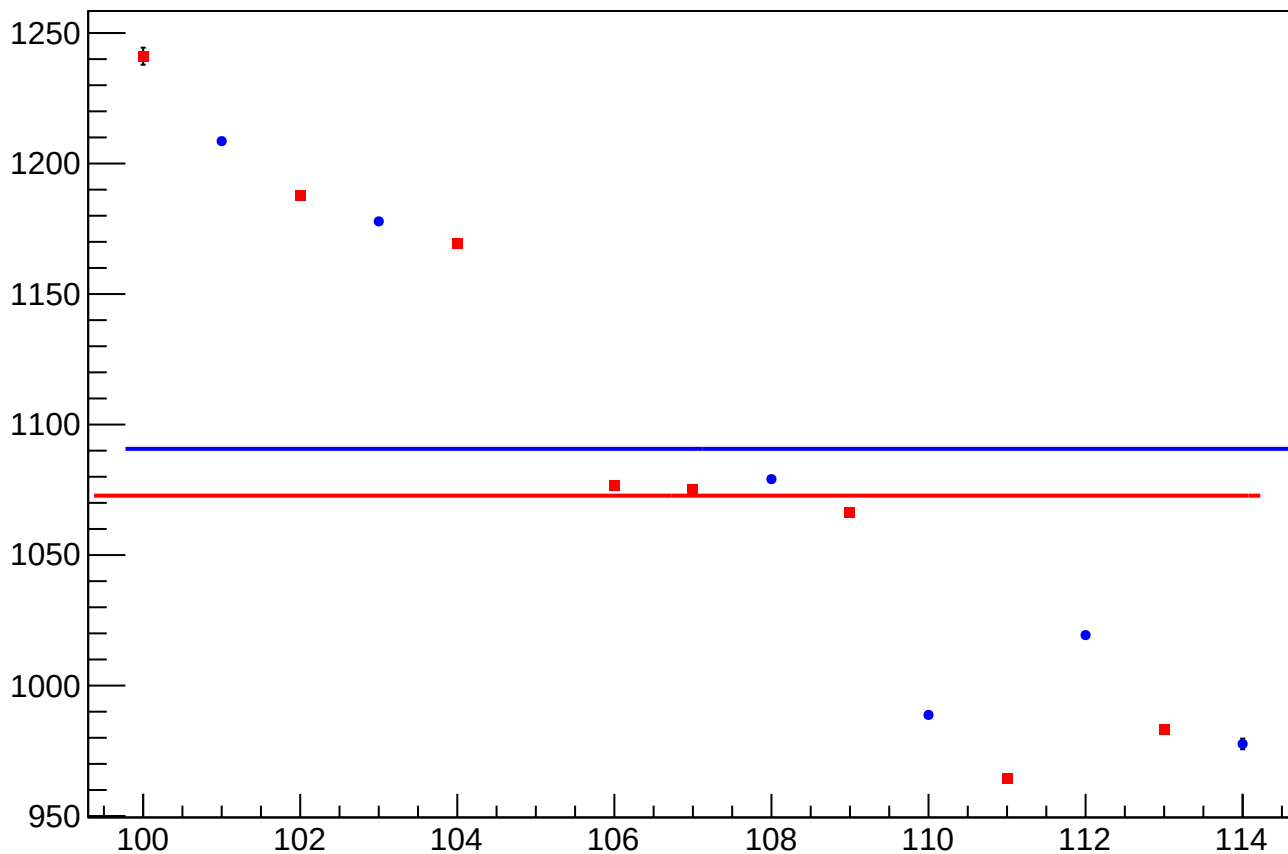
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.830 ± 0.445 χ^2/NDF : 141.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 1090.702 $\pm$ 0.475 χ^2 /NDF: 35203.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1072.761 $\pm$ 0.420 χ^2 /NDF: 41092.6/7

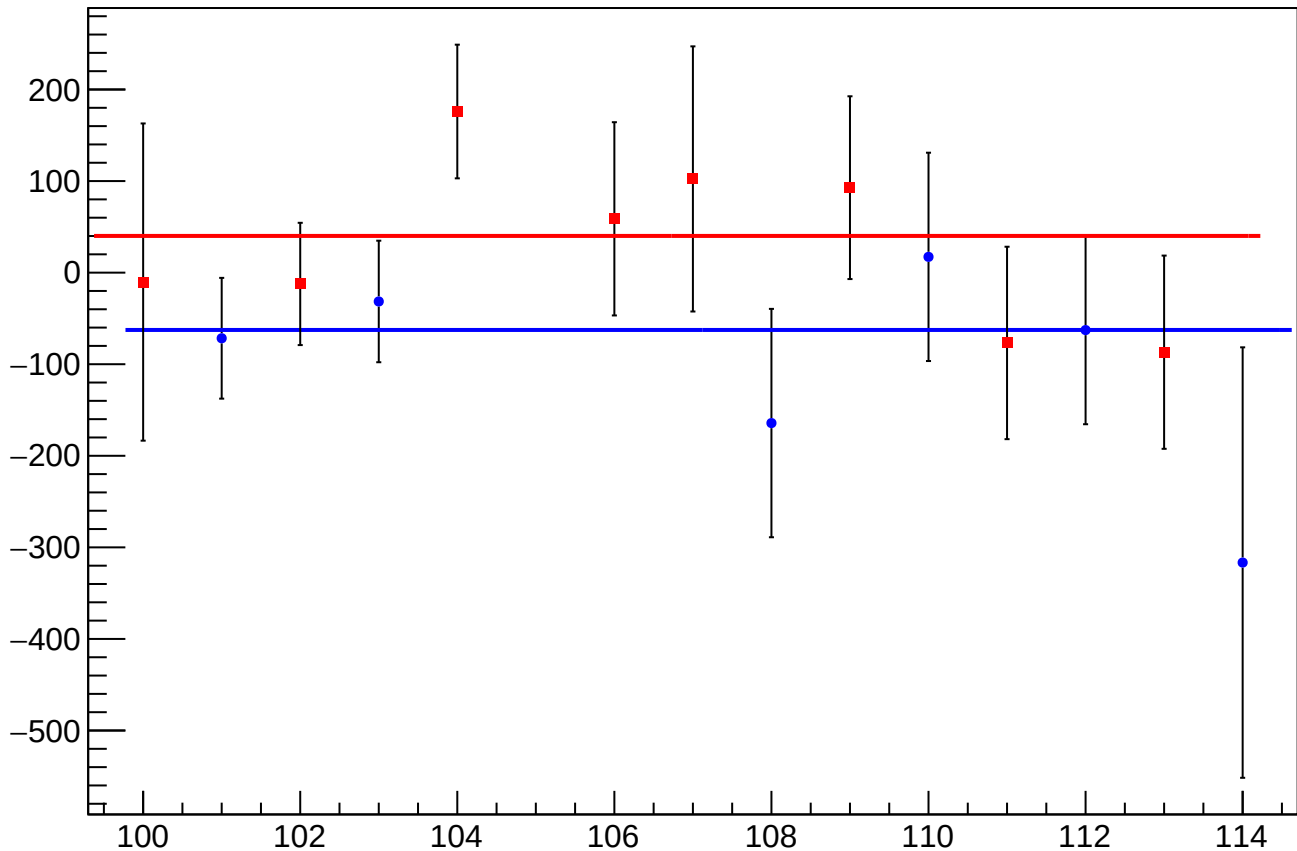
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1080.631 $\pm$ 0.315 χ^2 /NDF: 77095.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -62.589 ± 37.496 χ^2/NDF : 2.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 40.096 ± 34.025 χ^2/NDF : 7.3/7

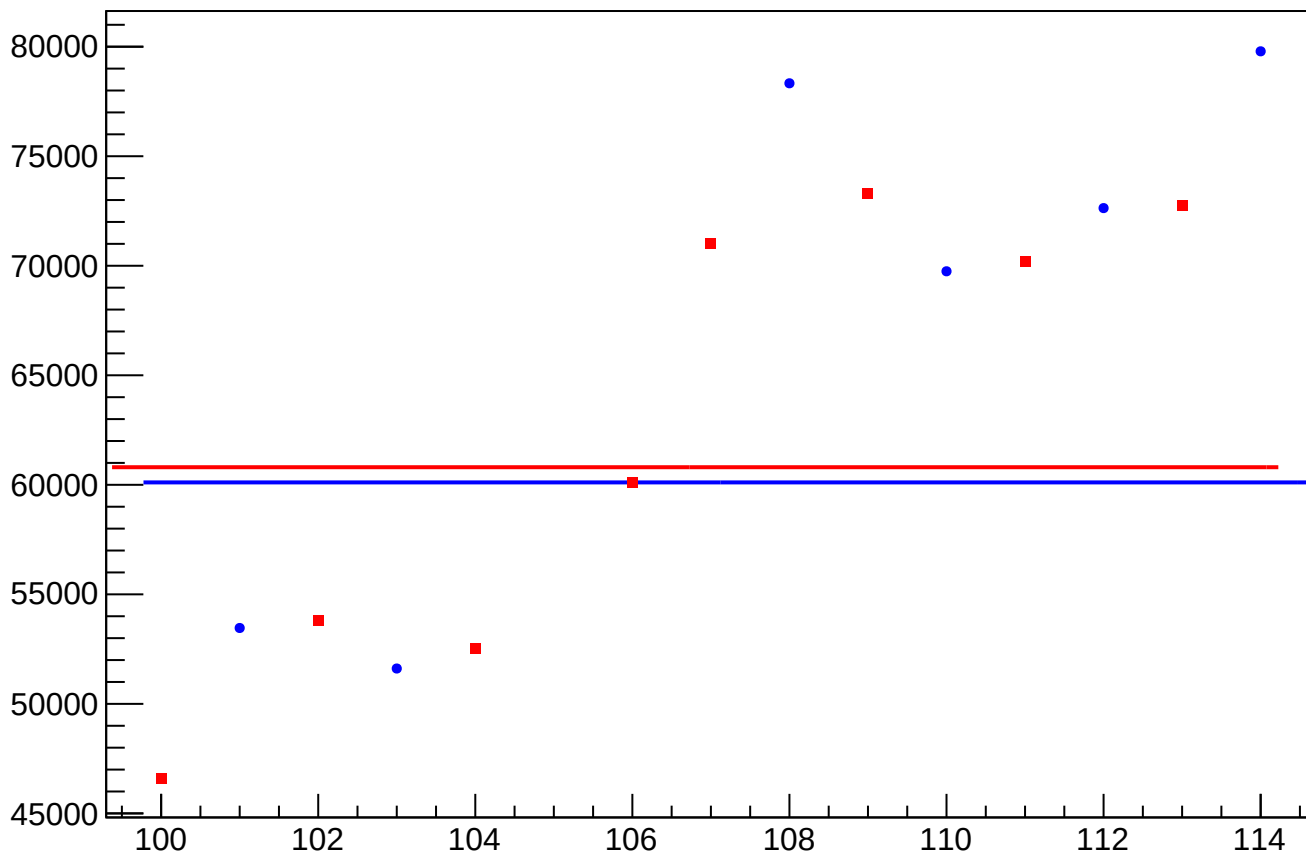
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.275 ± 25.197 χ^2/NDF : 14.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 60109.851+/-26.514 χ^2/NDF : 153823.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

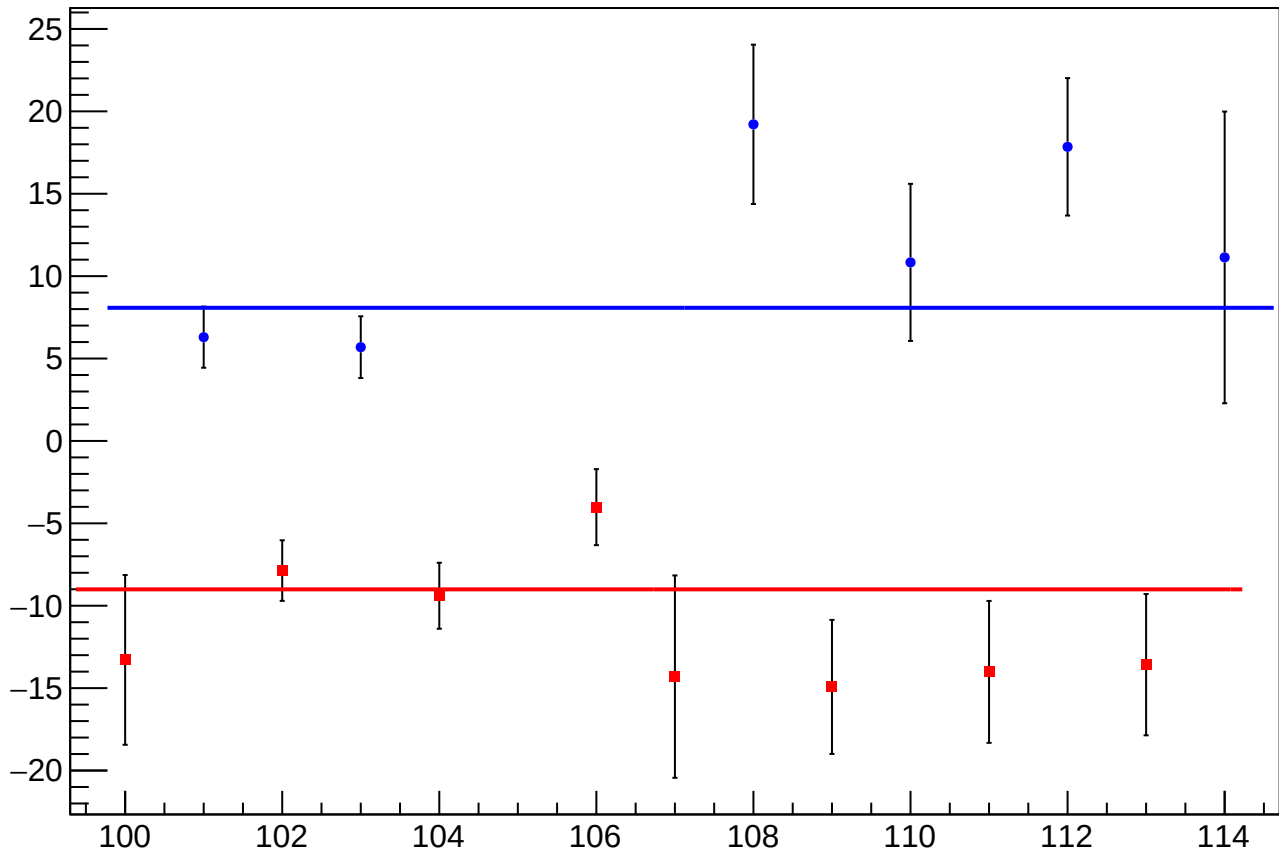
Right Out: 60803.146+/-24.059 χ^2/NDF : 144412.2/7

All: 60490.065+/-17.817 χ^2/NDF : 298610.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03Y_mean vs Slug



Right In: 8.079+/-1.168 χ^2/NDF : 13.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.006+/-1.017 χ^2/NDF : 11.1/7

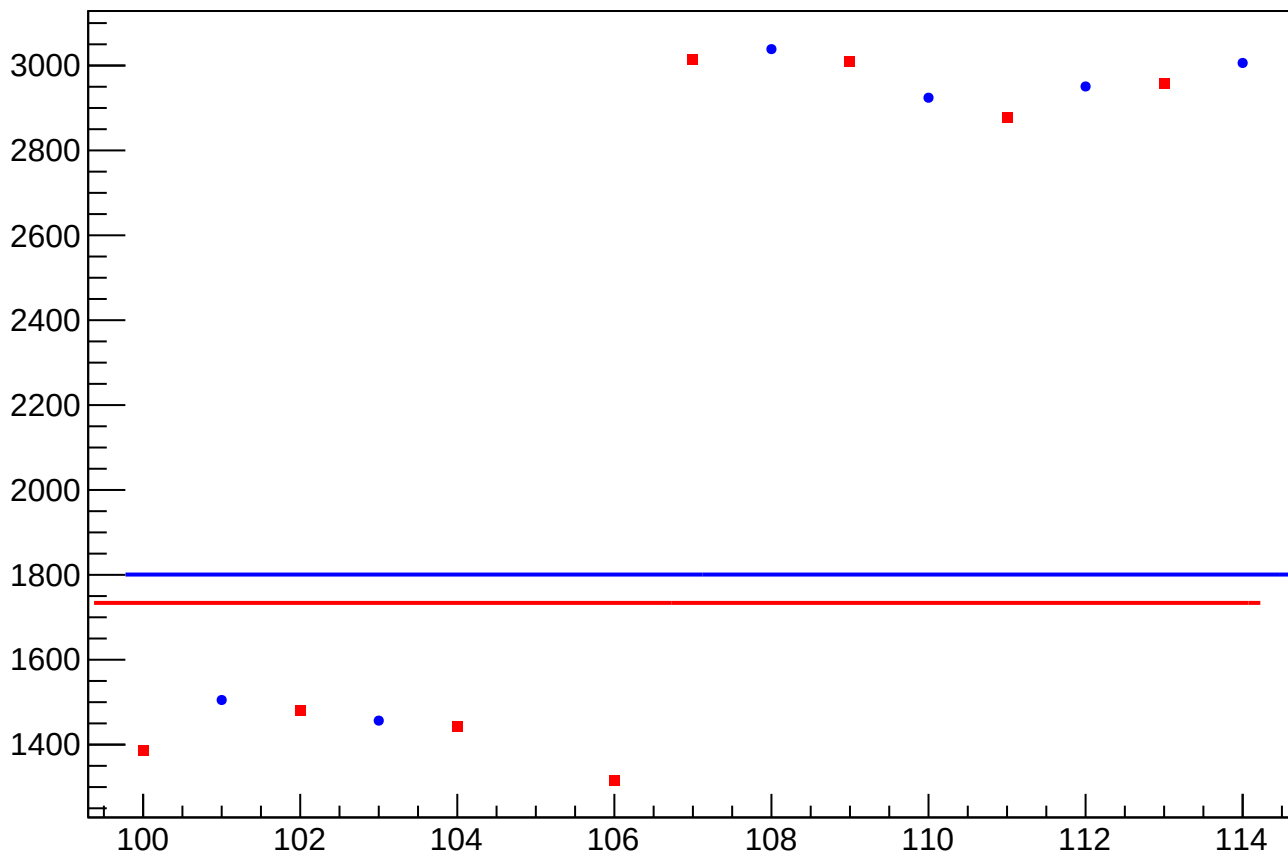
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.641+/-0.767 χ^2/NDF : 146.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03Y_rms vs Slug



Right In: 1800.694+/-0.826 χ^2/NDF : 549689.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1733.915+/-0.719 χ^2/NDF : 742867.7/7

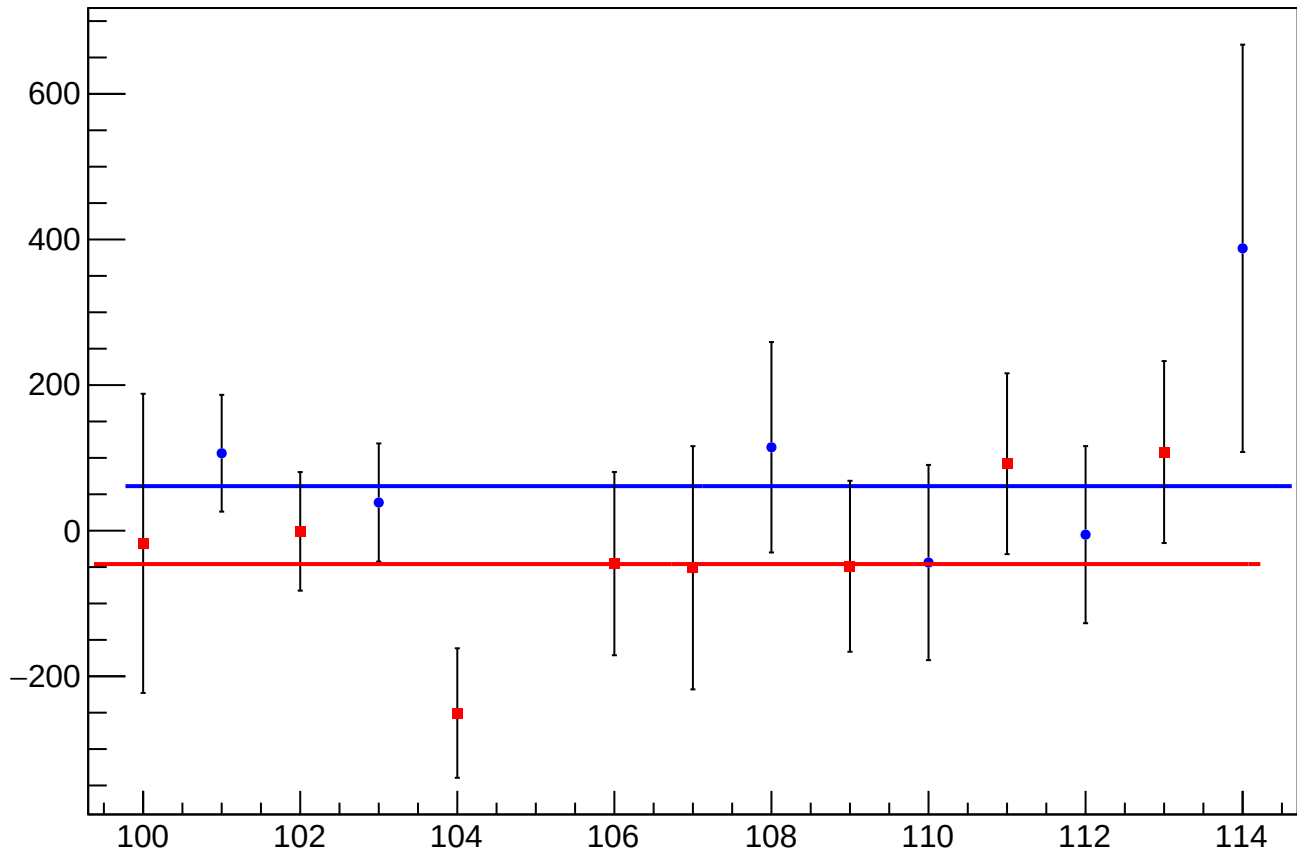
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.701+/-0.542 χ^2/NDF : 1296273.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_mean vs Slug



Right In: 61.177+/-45.128 χ^2/NDF : 2.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.856+/-40.788 χ^2/NDF : 8.4/7

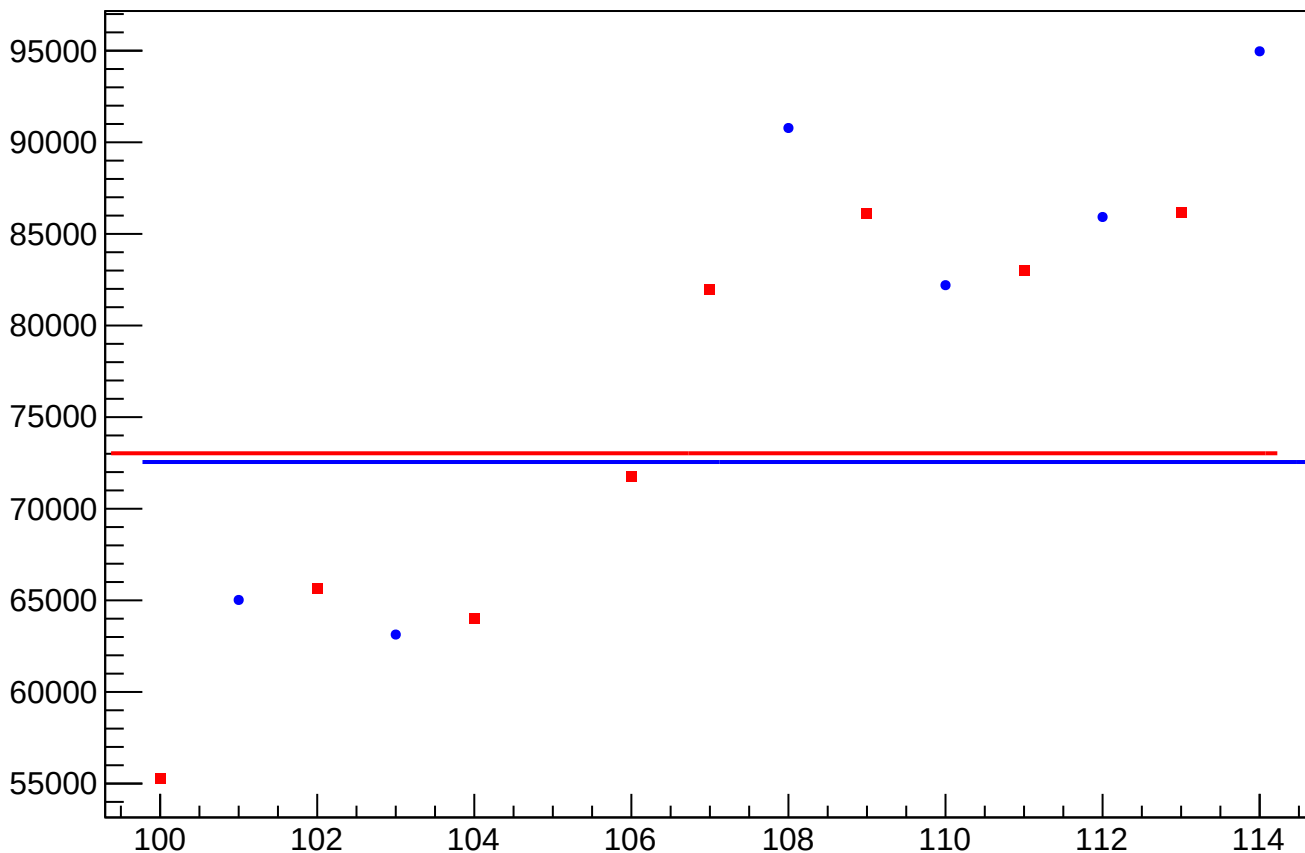
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.268+/-30.260 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 72550.570 $\pm$ 31.910 χ^2 /NDF: 123722.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

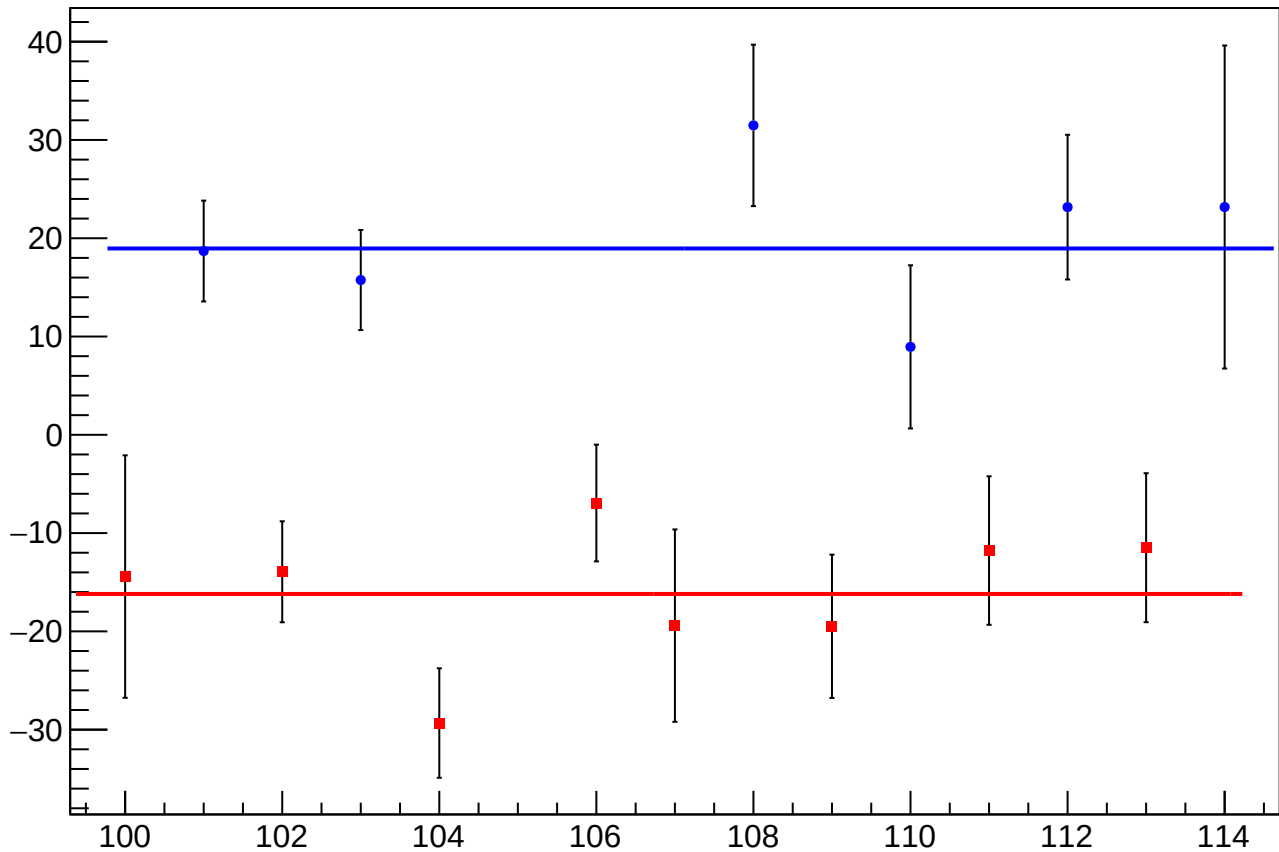
Right Out: 73027.138 $\pm$ 28.842 χ^2 /NDF: 117819.4/7

All: 72812.864 $\pm$ 21.397 χ^2 /NDF: 241665.1/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 18.959 $\pm$ 2.794 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.193 $\pm$ 2.431 χ^2 /NDF: 9.2/7

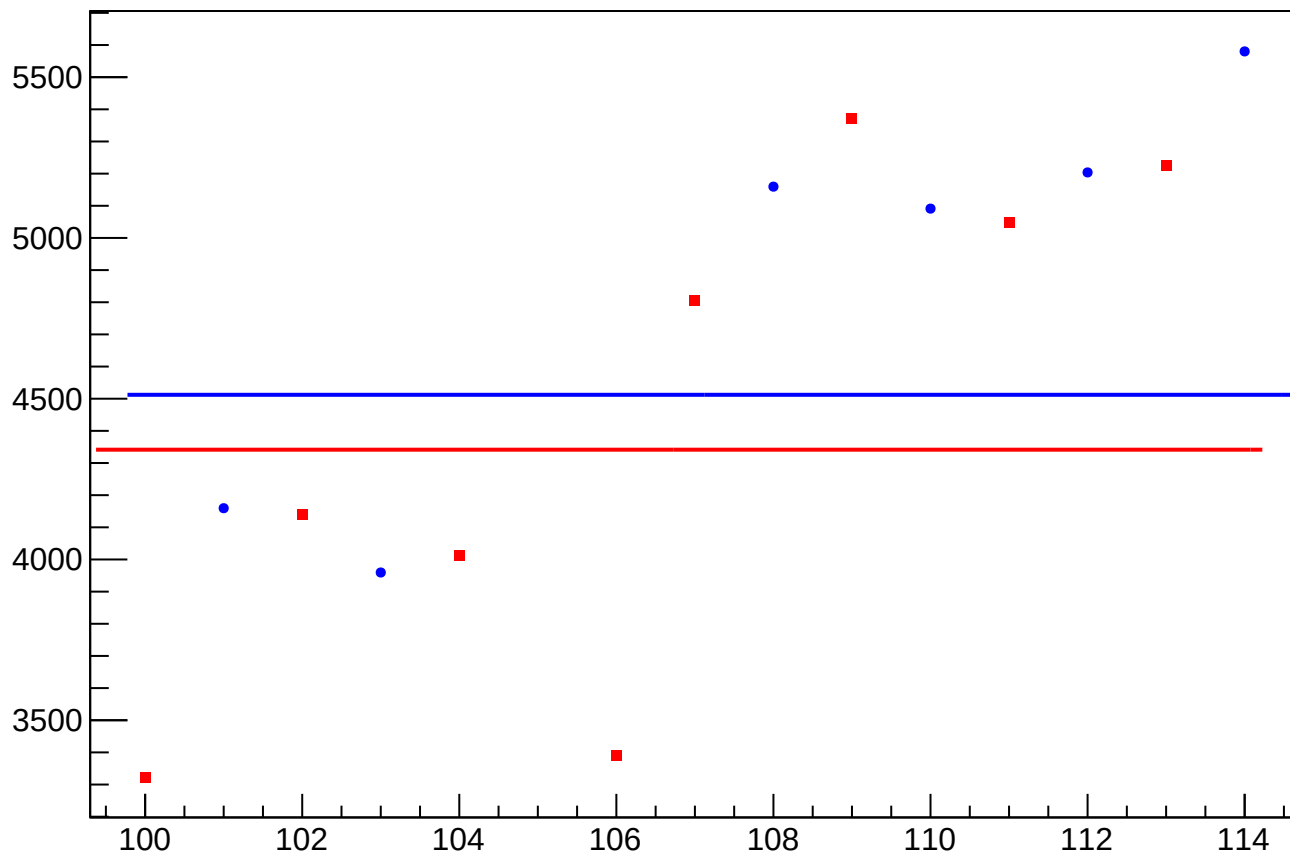
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.050 $\pm$ 1.834 χ^2 /NDF: 103.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4512.165+/-1.976 χ^2/NDF : 81272.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4341.462+/-1.719 χ^2/NDF : 164405.5/7

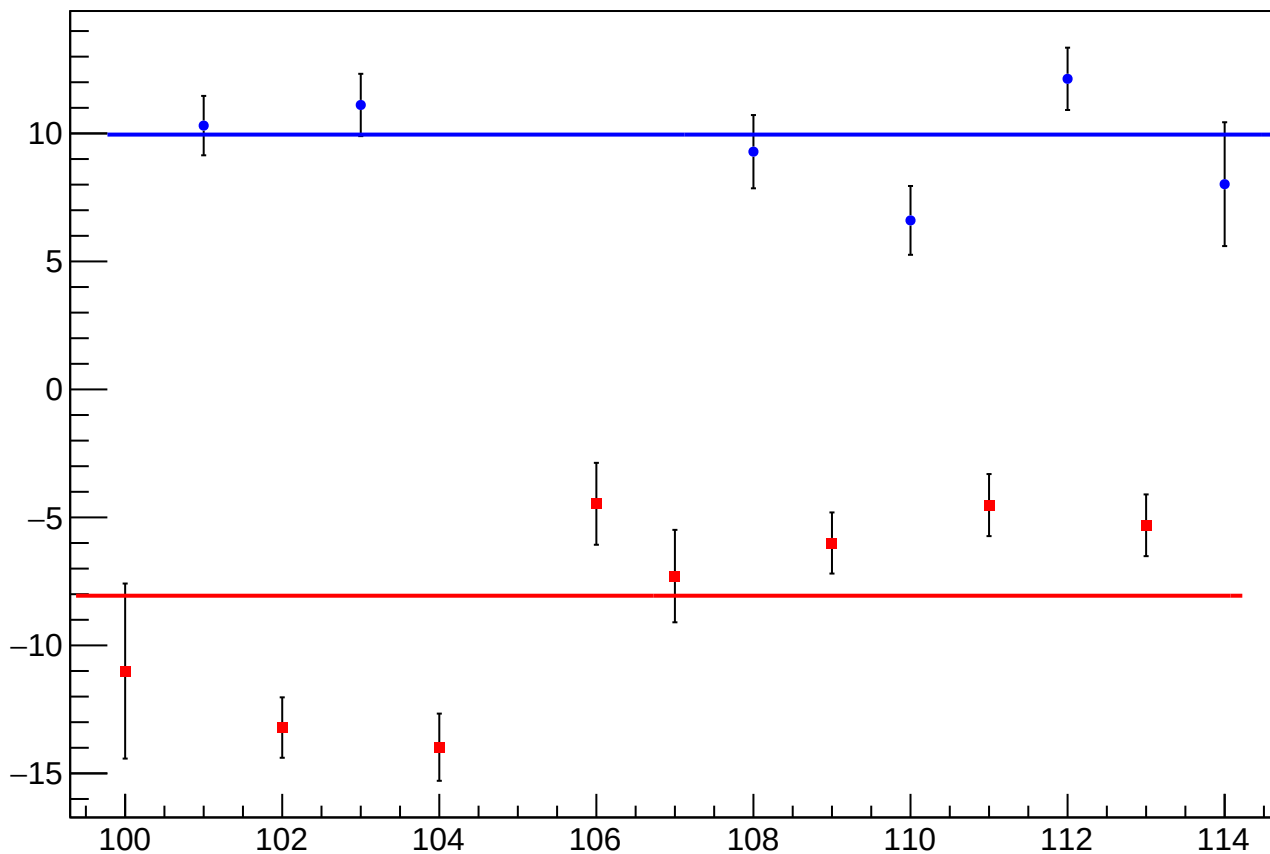
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4415.000+/-1.297 χ^2/NDF : 249926.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 9.955 $\pm$ 0.550 χ^2 /NDF: 11.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.059 $\pm$ 0.491 χ^2 /NDF: 62.0/7

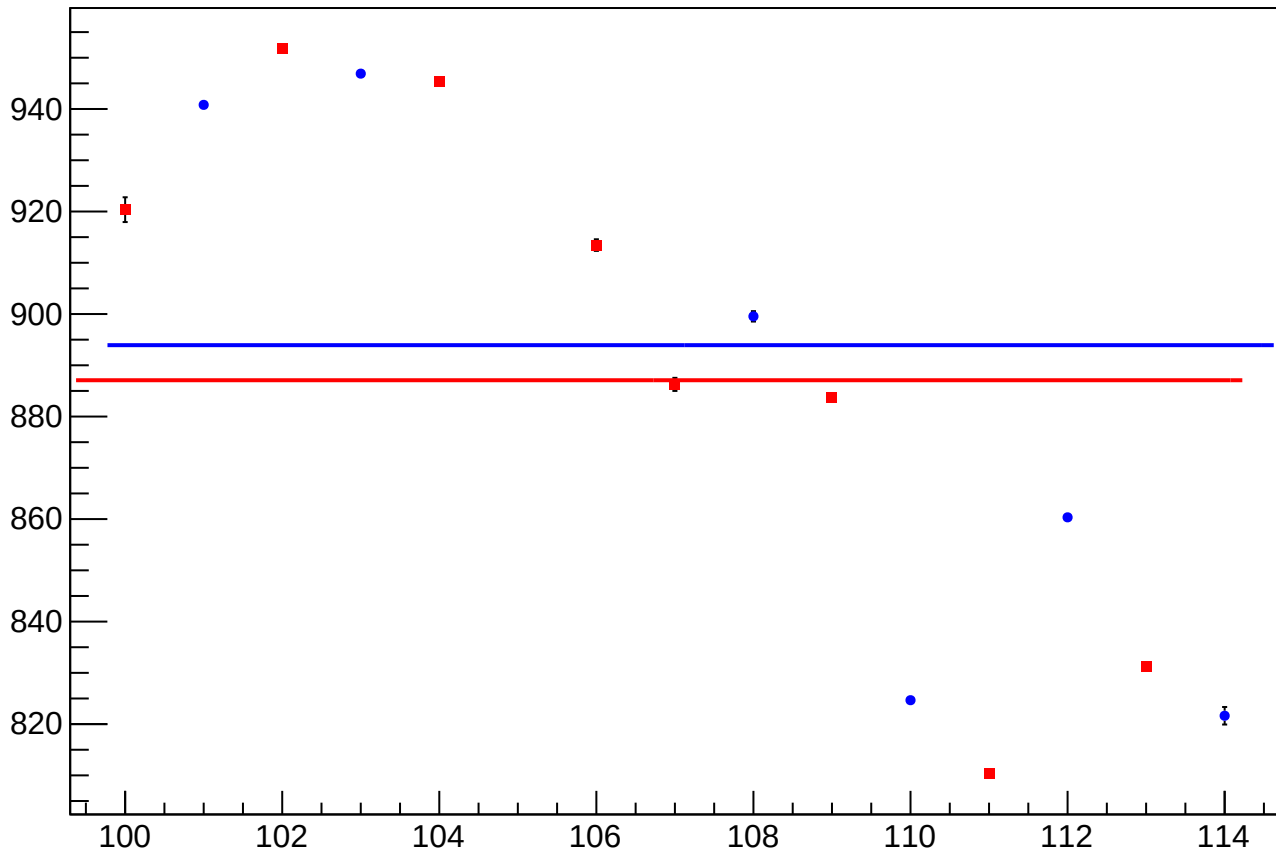
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.073 $\pm$ 0.366 χ^2 /NDF: 670.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01X_rms vs Slug



Right In: 893.927 $\pm$ 0.389 χ^2 /NDF: 15703.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 887.085 $\pm$ 0.347 χ^2 /NDF: 22989.3/7

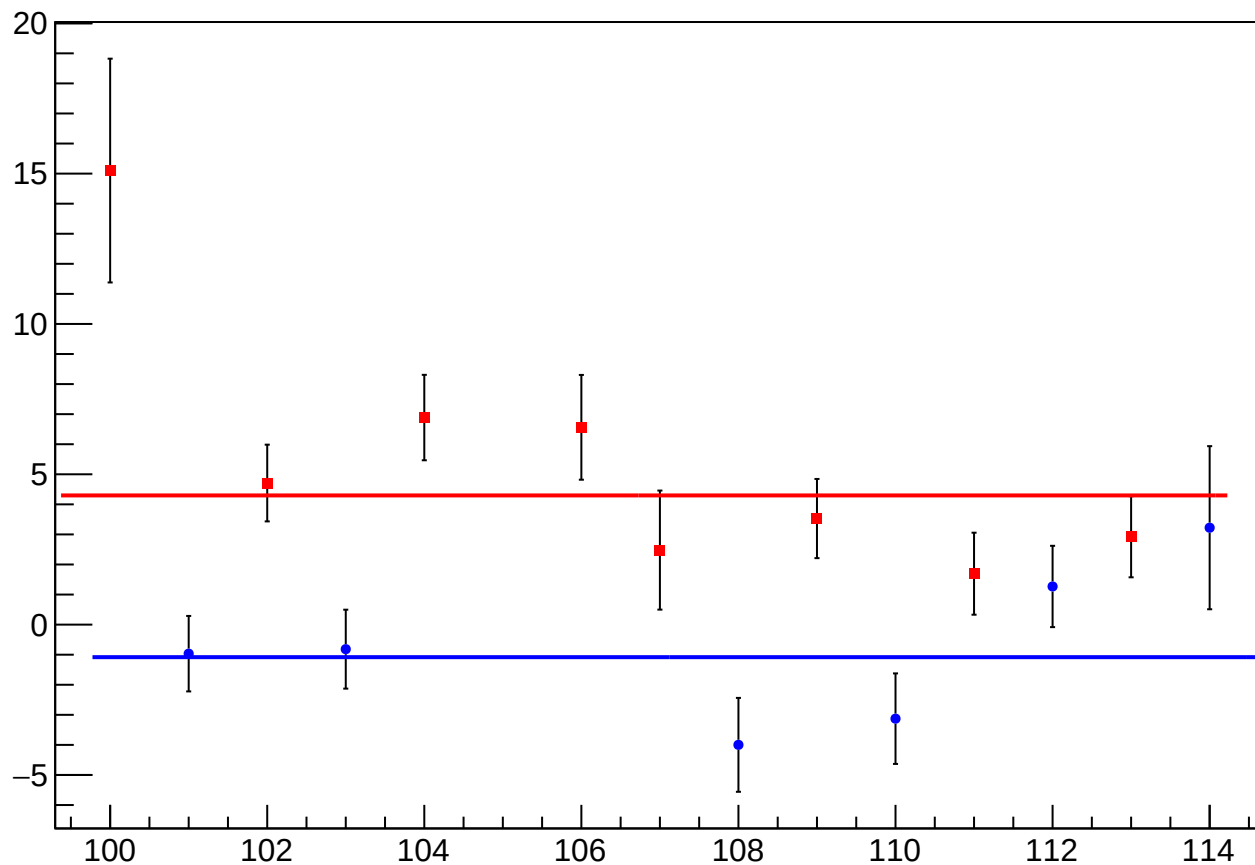
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 890.118 $\pm$ 0.259 χ^2 /NDF: 38864.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -1.082 ± 0.603 χ^2/NDF : 10.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.297 ± 0.540 χ^2/NDF : 19.4/7

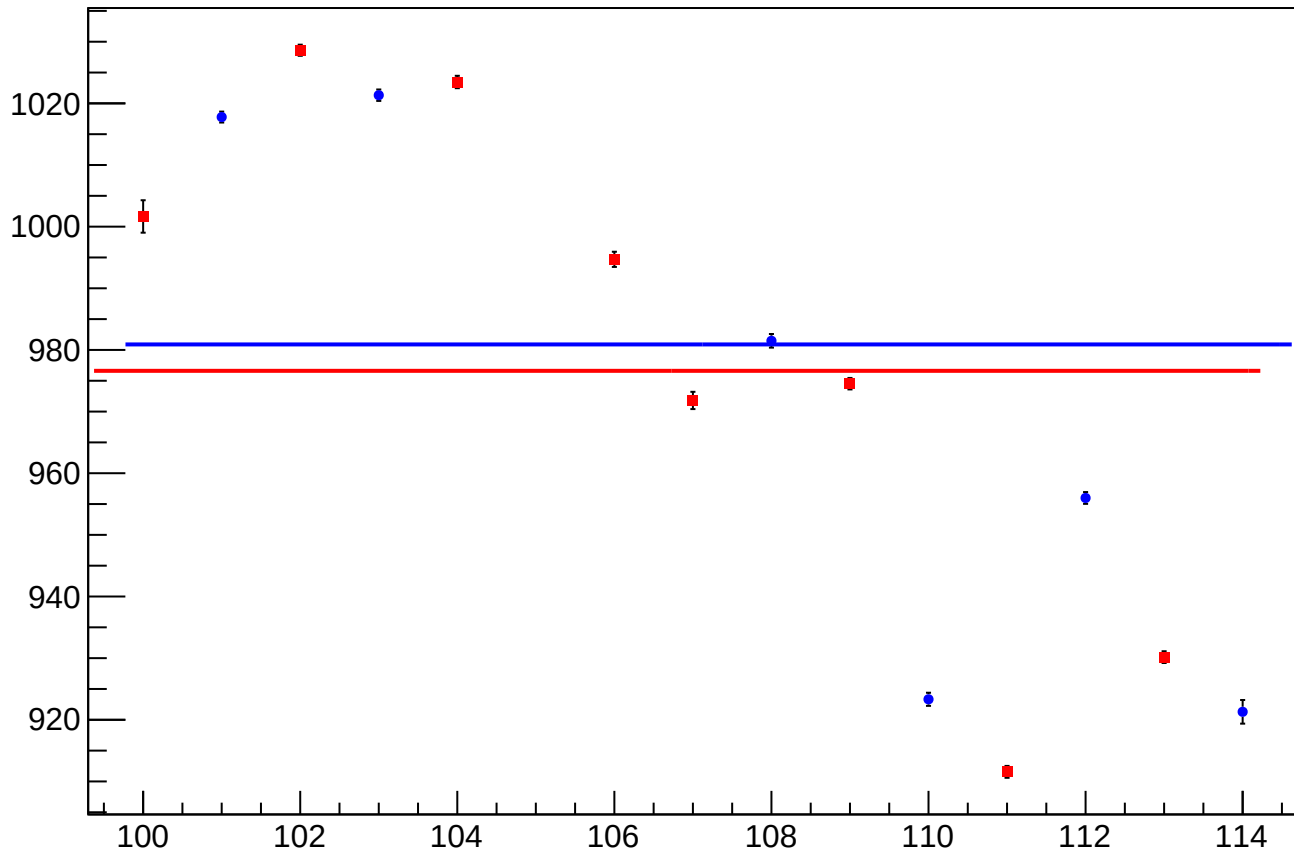
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.904 ± 0.402 χ^2/NDF : 74.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i01Y_rms vs Slug



Right In: 980.893 $\pm$ 0.426 χ^2 /NDF: 8193.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 976.611 $\pm$ 0.382 χ^2 /NDF: 12742.3/7

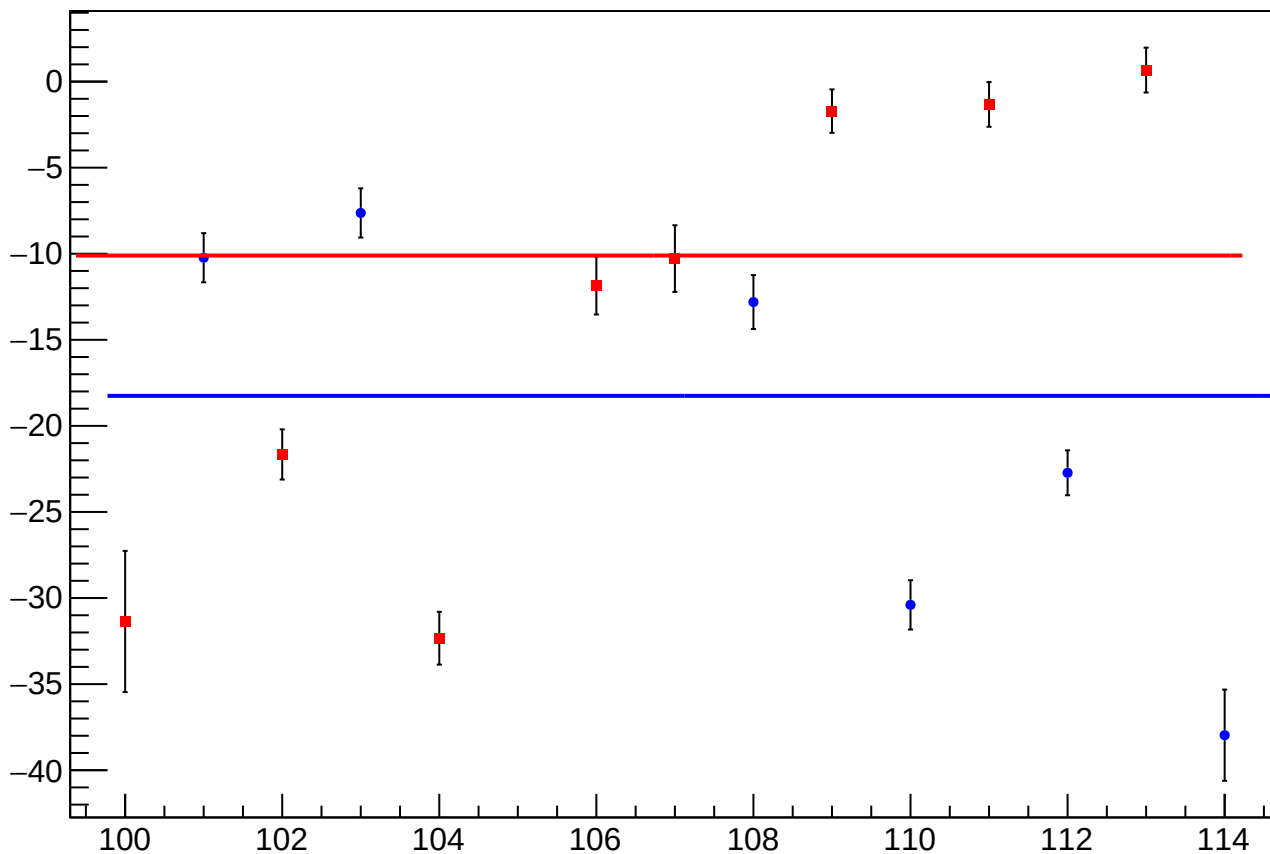
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 978.516 $\pm$ 0.284 χ^2 /NDF: 20992.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -18.255 ± 0.619 χ^2/NDF : 238.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.105 ± 0.544 χ^2/NDF : 458.8/7

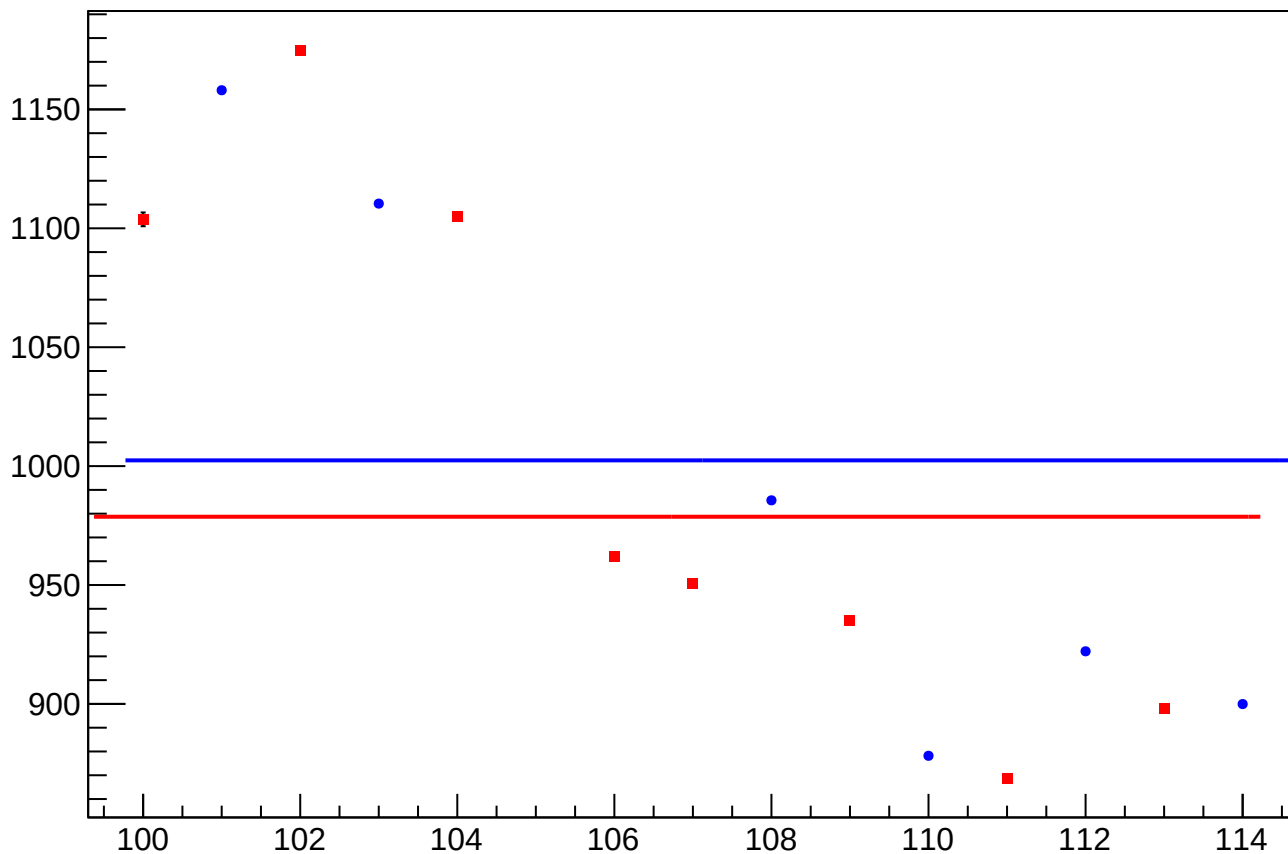
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.652 ± 0.409 χ^2/NDF : 794.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i02X_rms vs Slug



Right In: 1002.417 $\pm$ 0.438 χ^2 /NDF: 61055.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 978.709 $\pm$ 0.385 χ^2 /NDF: 76710.5/7

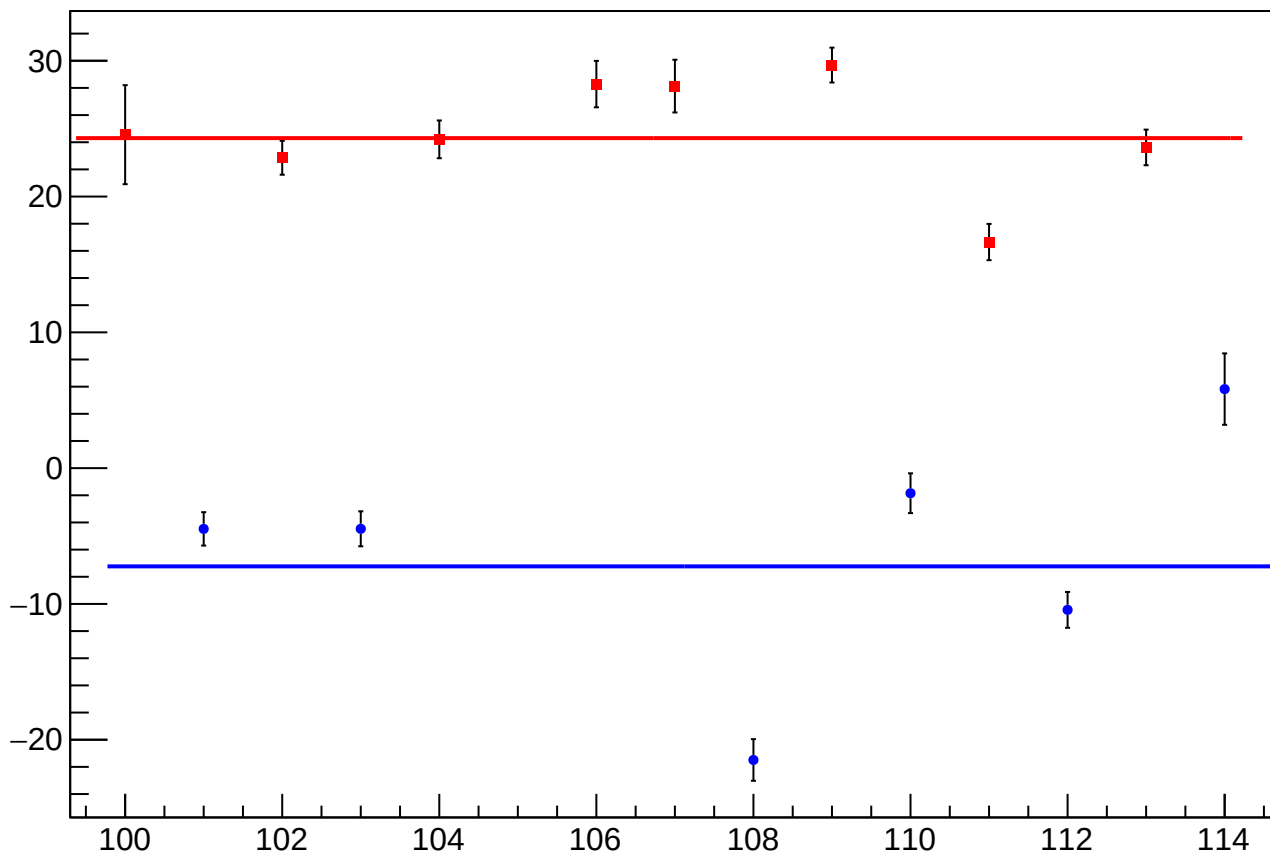
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 989.026 $\pm$ 0.289 χ^2 /NDF: 139420.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -7.234+/-0.590 χ^2 /NDF: 140.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 24.303+/-0.528 χ^2 /NDF: 61.4/7

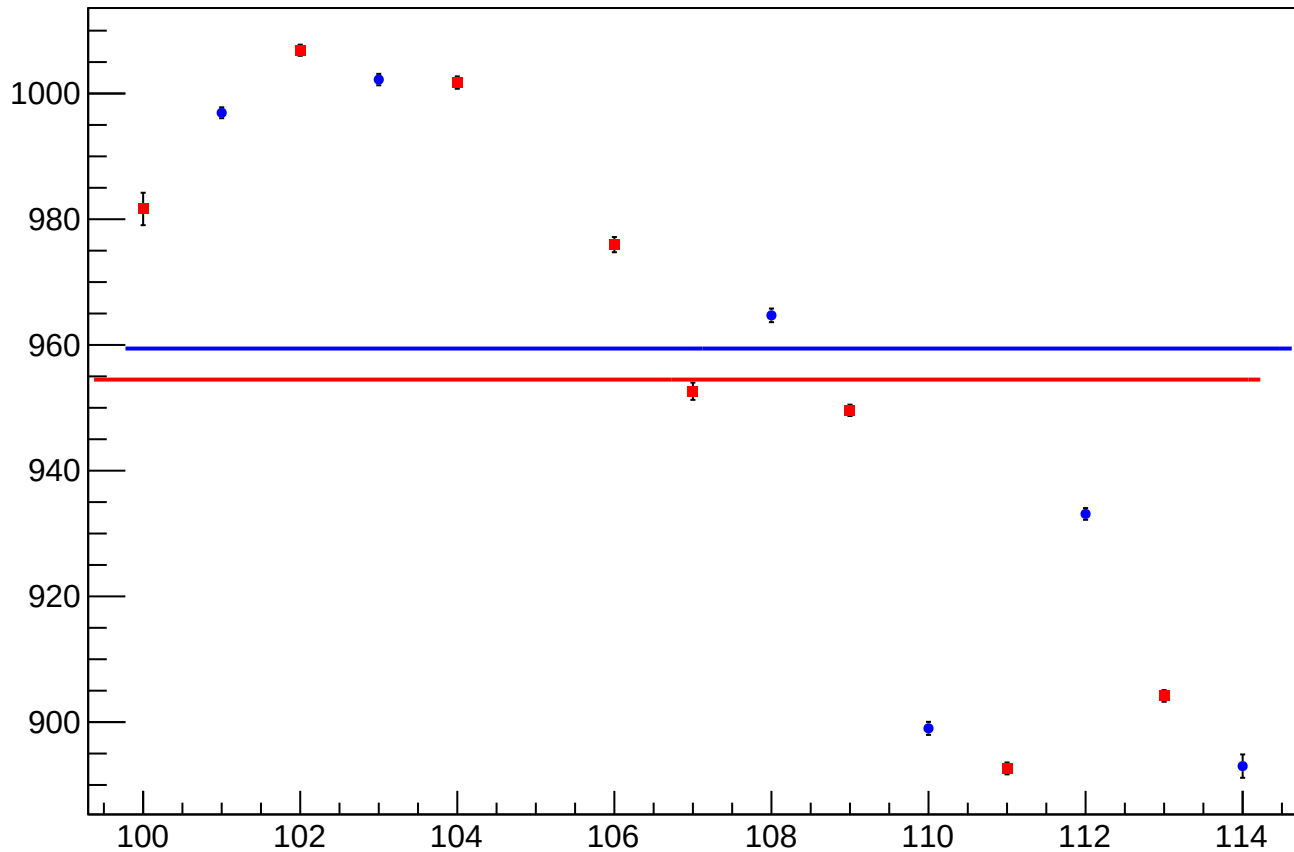
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 10.285+/-0.393 χ^2 /NDF: 1788.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_rms vs Slug



Right In: 959.430+/-0.417 χ^2/NDF : 9563.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 954.488+/-0.373 χ^2/NDF : 13524.7/7

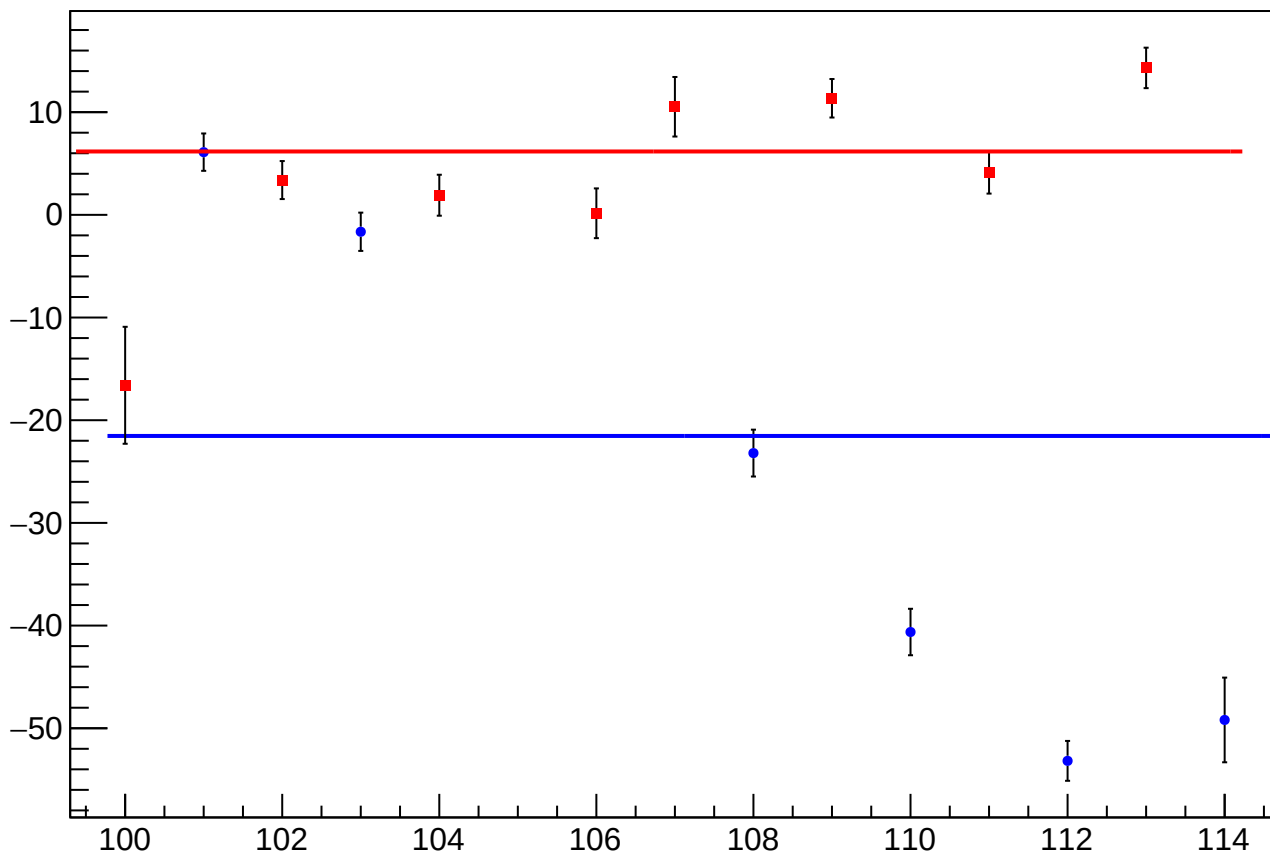
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.685+/-0.278 χ^2/NDF : 23166.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -21.532 ± 0.877 χ^2/NDF : 727.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.172 ± 0.781 χ^2/NDF : 56.9/7

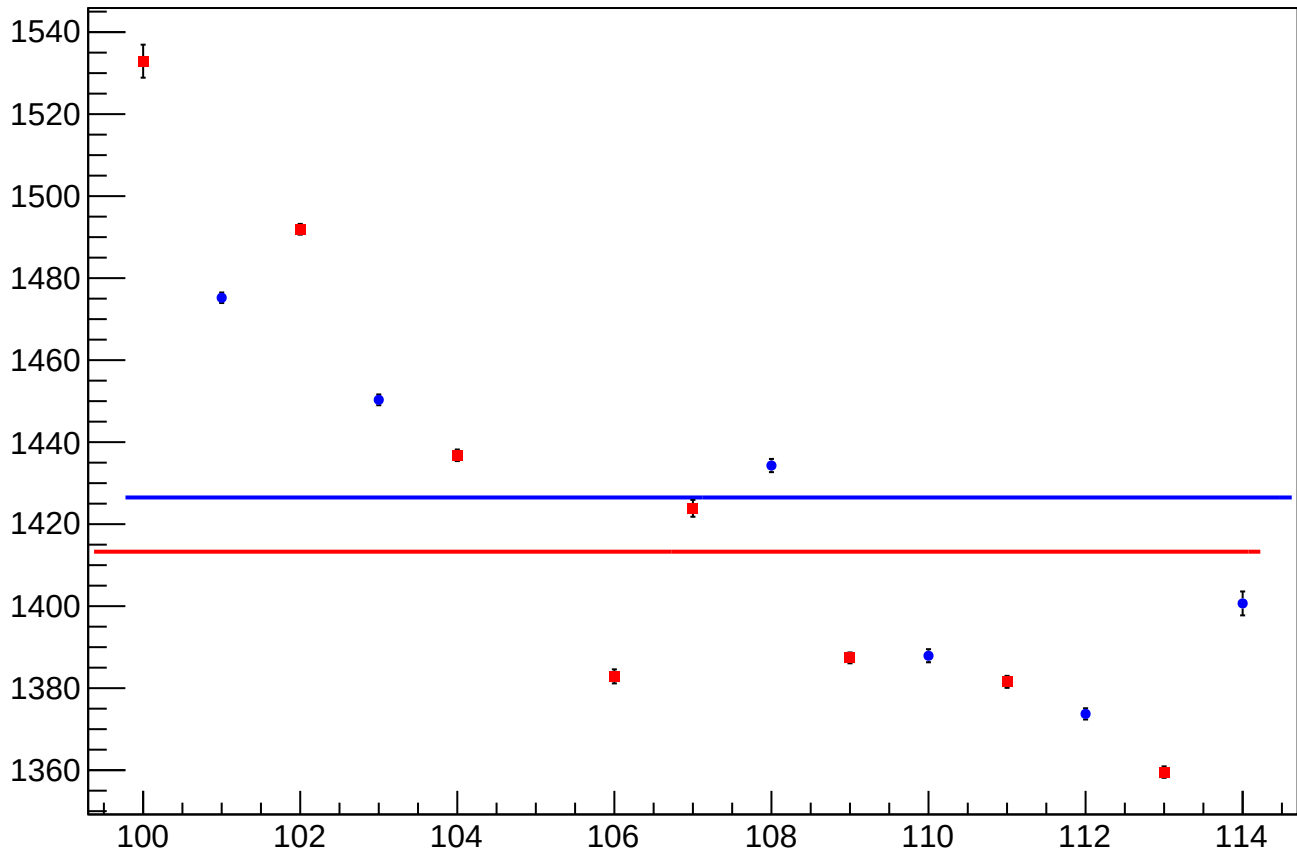
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.088 ± 0.583 χ^2/NDF : 1340.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_rms vs Slug



Right In: 1426.509 $\pm$ 0.620 χ^2 /NDF: 3922.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1413.284 $\pm$ 0.552 χ^2 /NDF: 7453.8/7

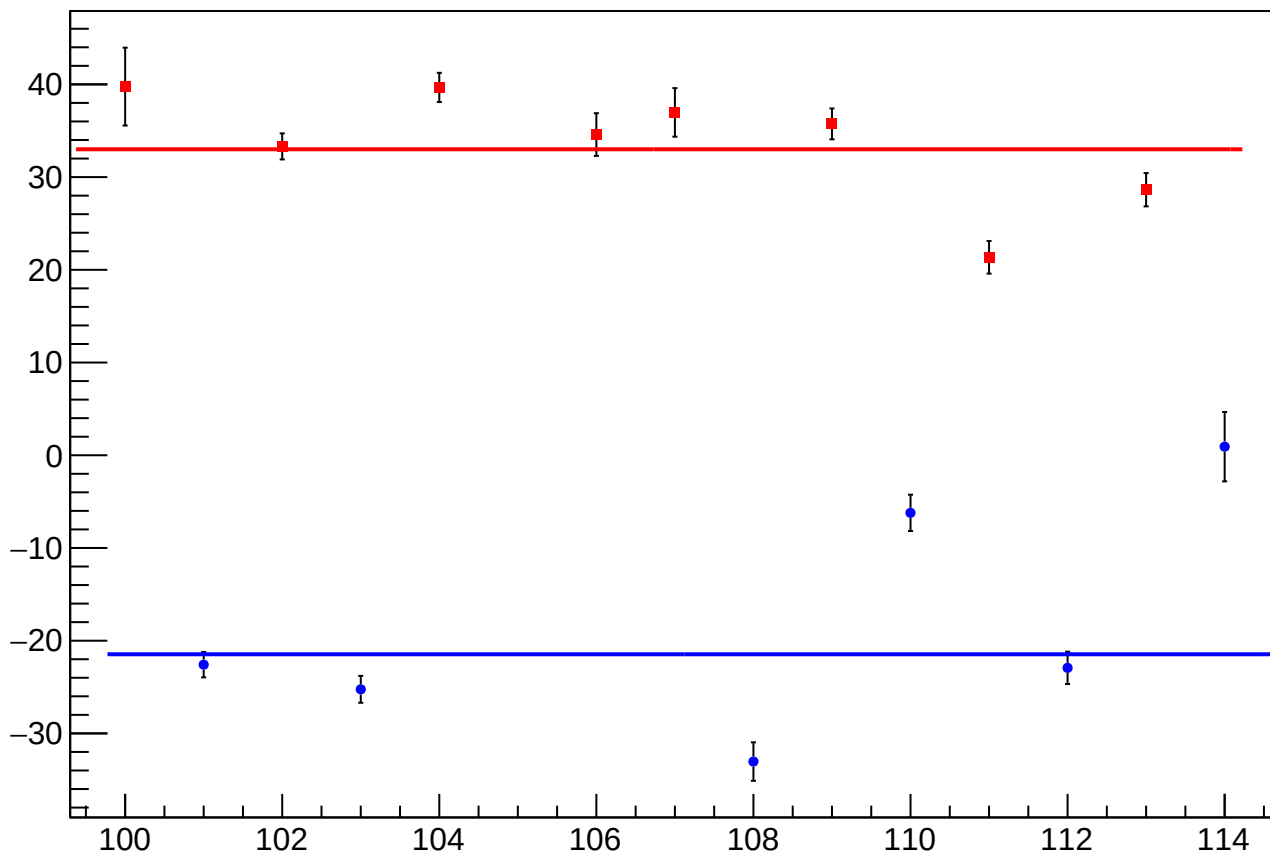
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1419.137 $\pm$ 0.412 χ^2 /NDF: 11630.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -21.465 ± 0.726 χ^2/NDF : 135.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.999 ± 0.660 χ^2/NDF : 75.7/7

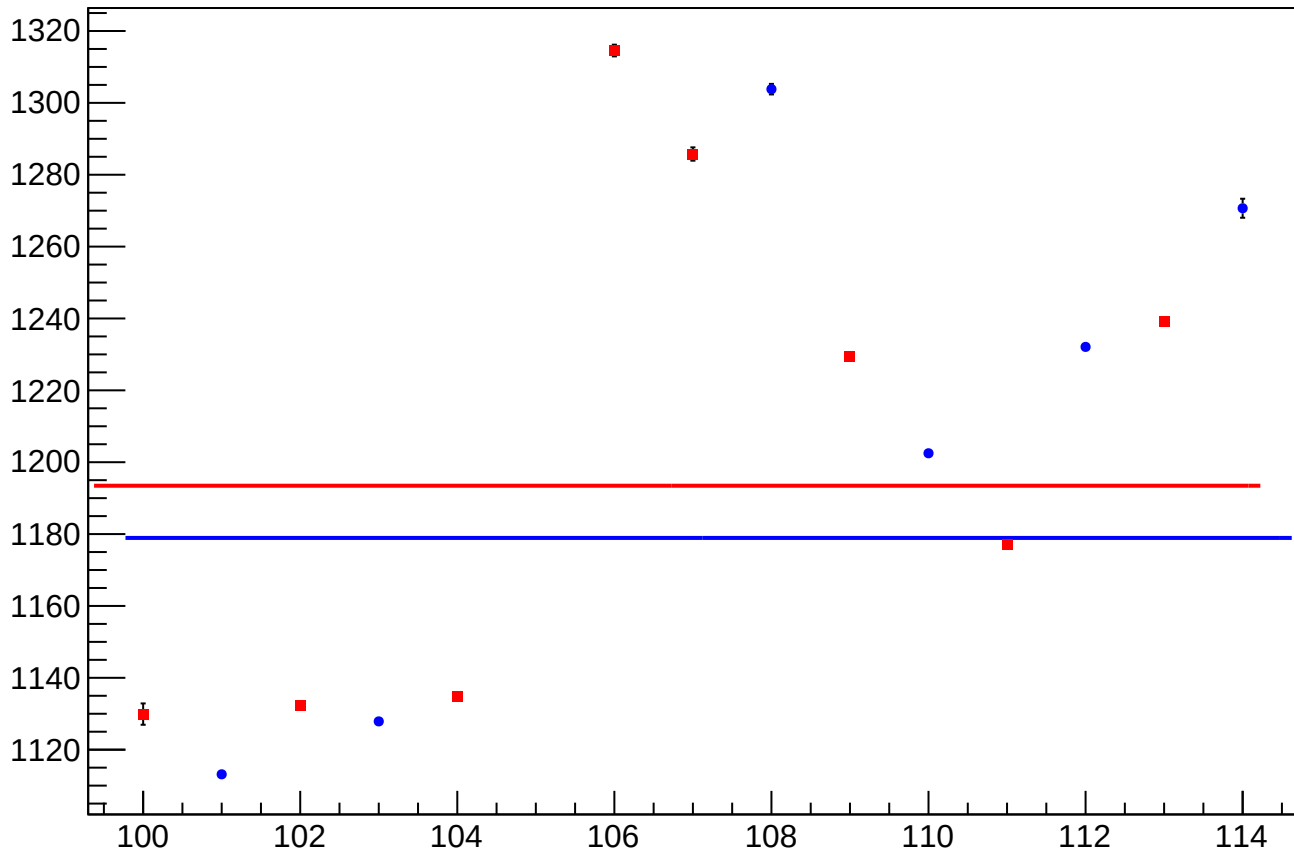
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.327 ± 0.488 χ^2/NDF : 3293.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_rms vs Slug



Right In: 1178.930+/-0.513 χ^2/NDF : 17671.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1193.458+/-0.467 χ^2/NDF : 17442.5/7

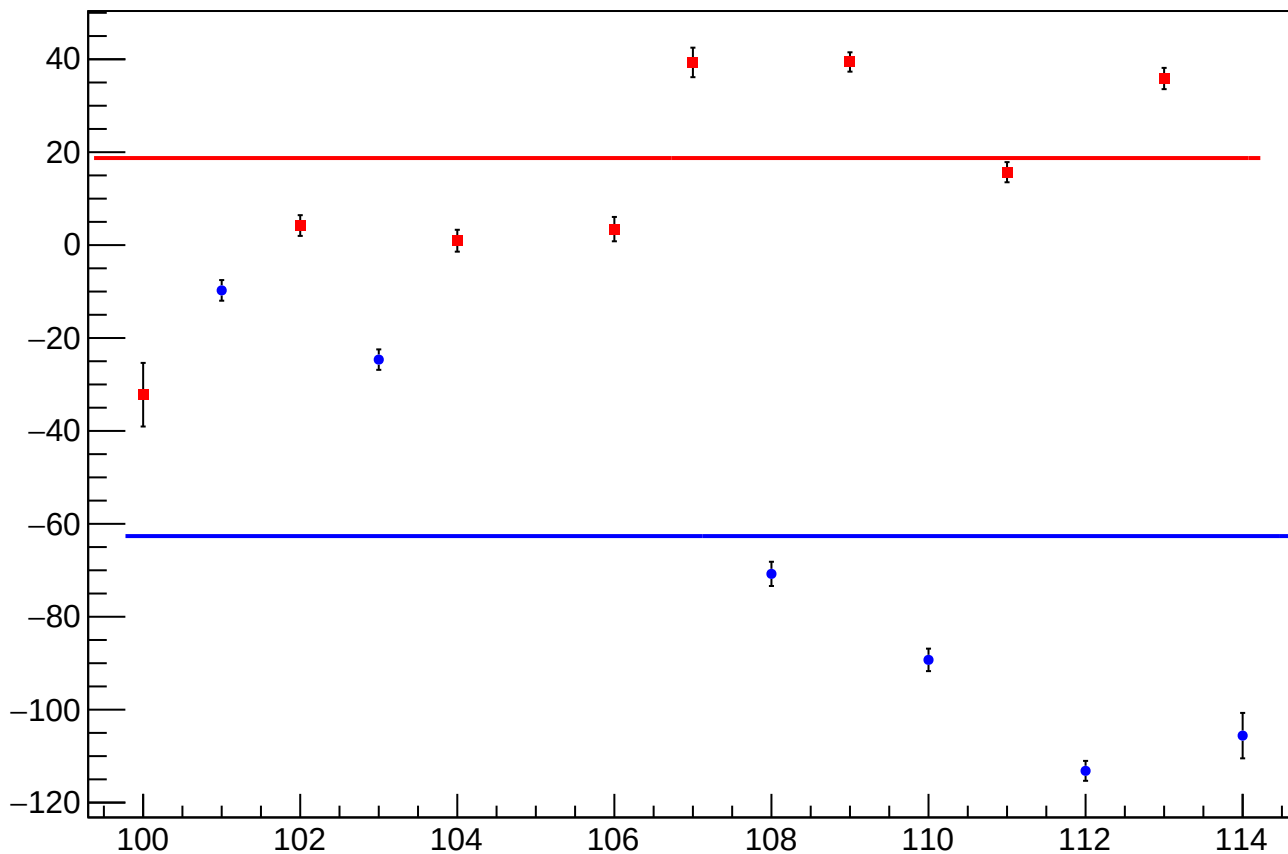
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.877+/-0.345 χ^2/NDF : 35553.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -62.636 ± 1.007 χ^2/NDF : 1628.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.737 ± 0.884 χ^2/NDF : 387.5/7

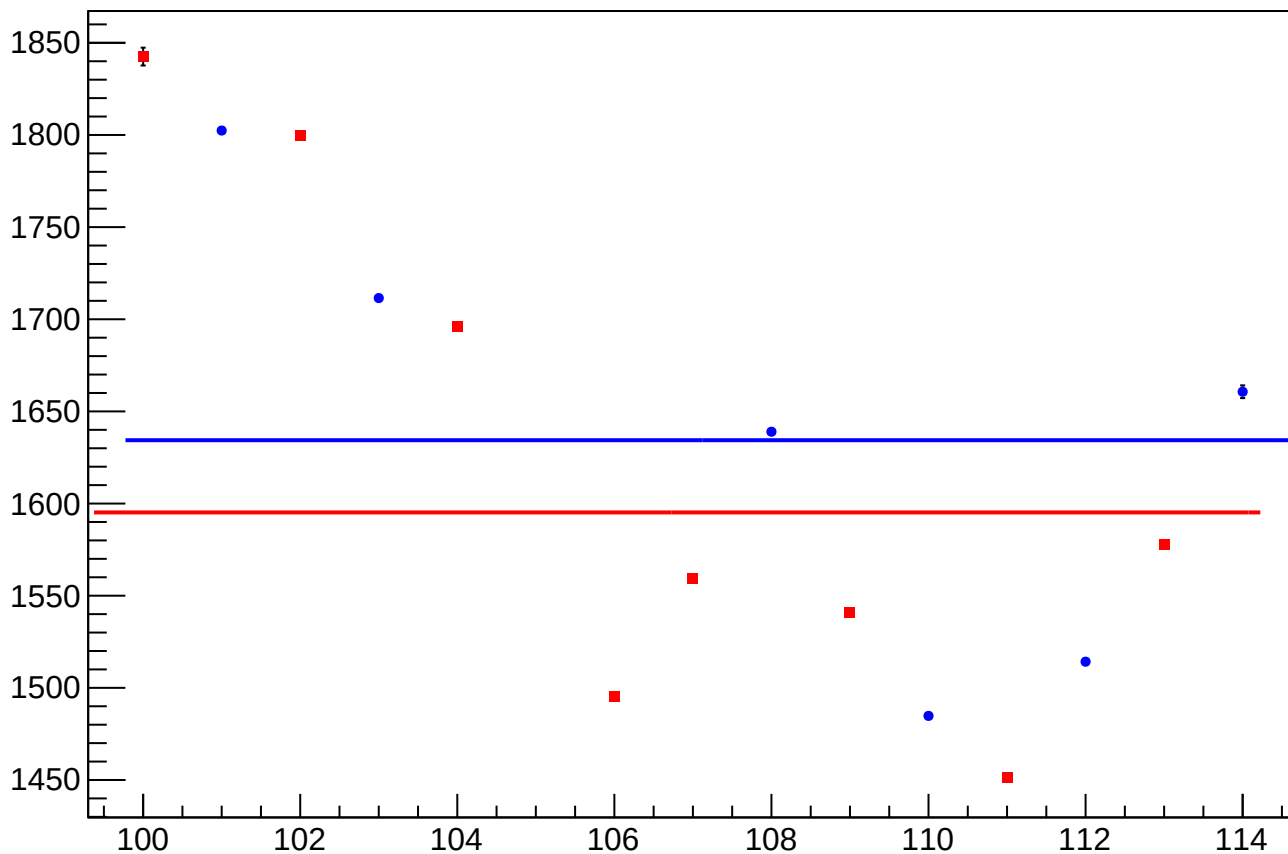
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.662 ± 0.664 χ^2/NDF : 5705.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1634.371+/-0.712 χ^2/NDF : 27881.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1595.186+/-0.625 χ^2/NDF : 36561.5/7

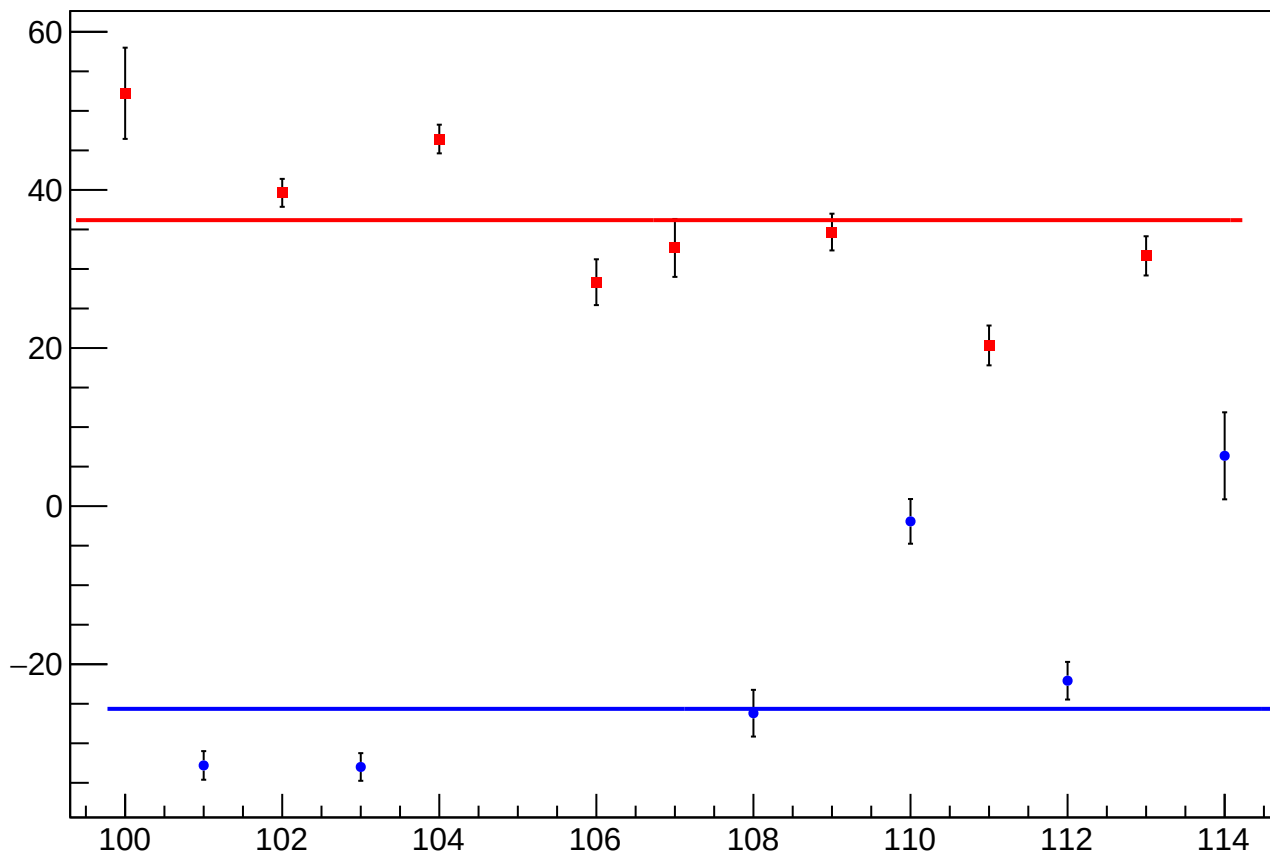
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.232+/-0.470 χ^2/NDF : 66154.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_mean vs Slug



Right In: -25.643 $\pm$ 0.962 χ^2 /NDF: 139.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.177 $\pm$ 0.860 χ^2 /NDF: 95.2/7

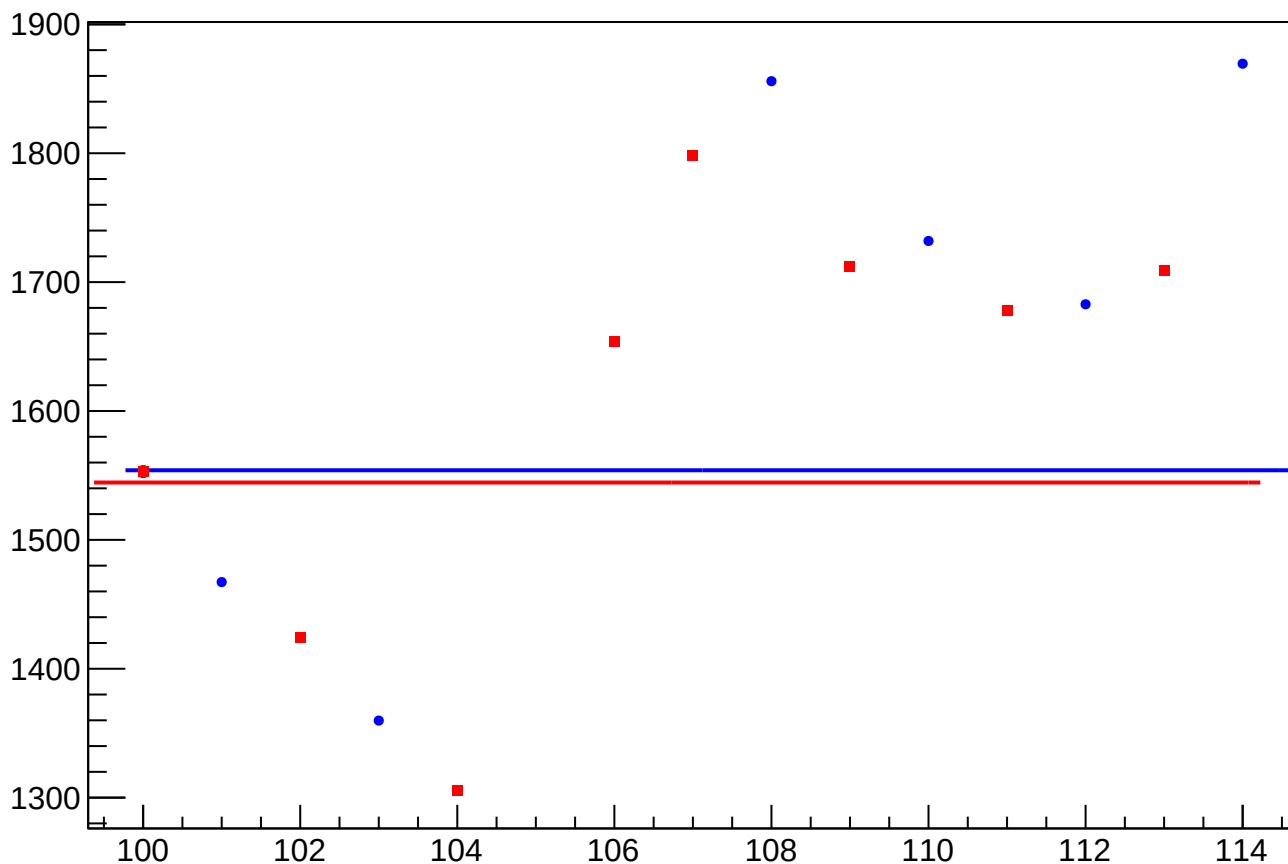
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.722 $\pm$ 0.641 χ^2 /NDF: 2532.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aY_rms vs Slug



Right In: 1554.005 $\pm$ 0.680 χ^2 /NDF: 70476.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1544.506 $\pm$ 0.608 χ^2 /NDF: 81198.5/7

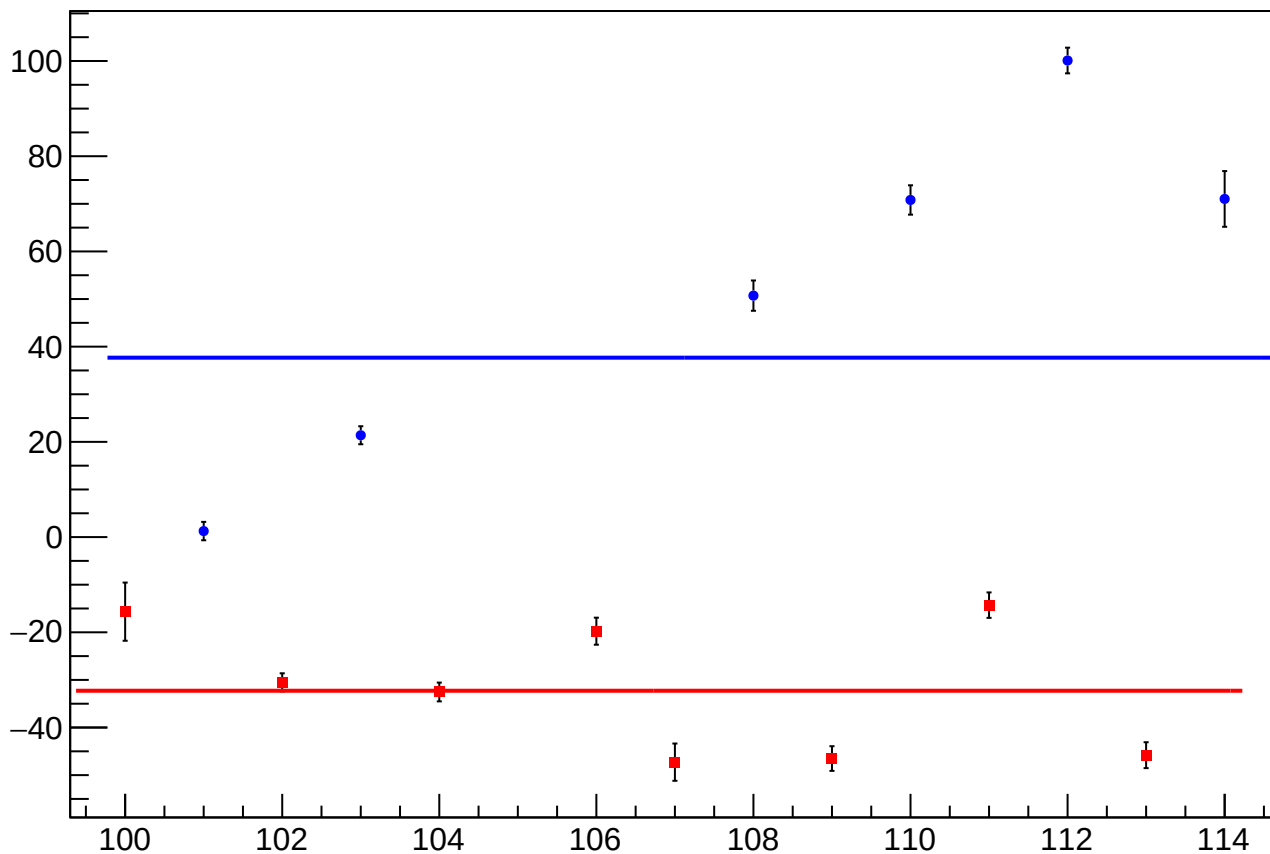
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1548.725 $\pm$ 0.453 χ^2 /NDF: 151782.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05X_mean vs Slug



Right In: 37.684+/-1.043 χ^2/NDF : 1131.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.273+/-0.923 χ^2/NDF : 142.6/7

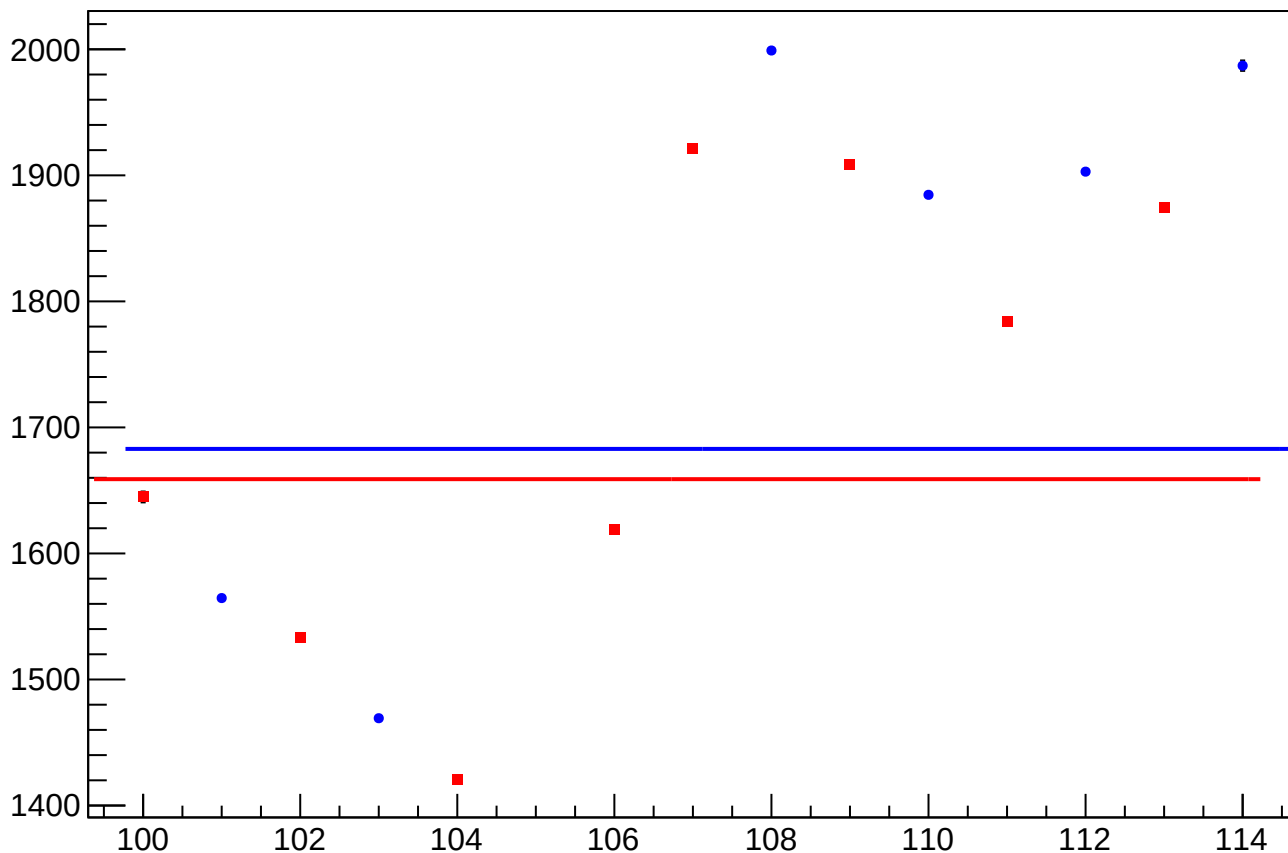
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.542+/-0.691 χ^2/NDF : 3796.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1682.951 $\pm$ 0.738 χ^2 /NDF: 80099.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1658.943 $\pm$ 0.653 χ^2 /NDF: 82809.5/7

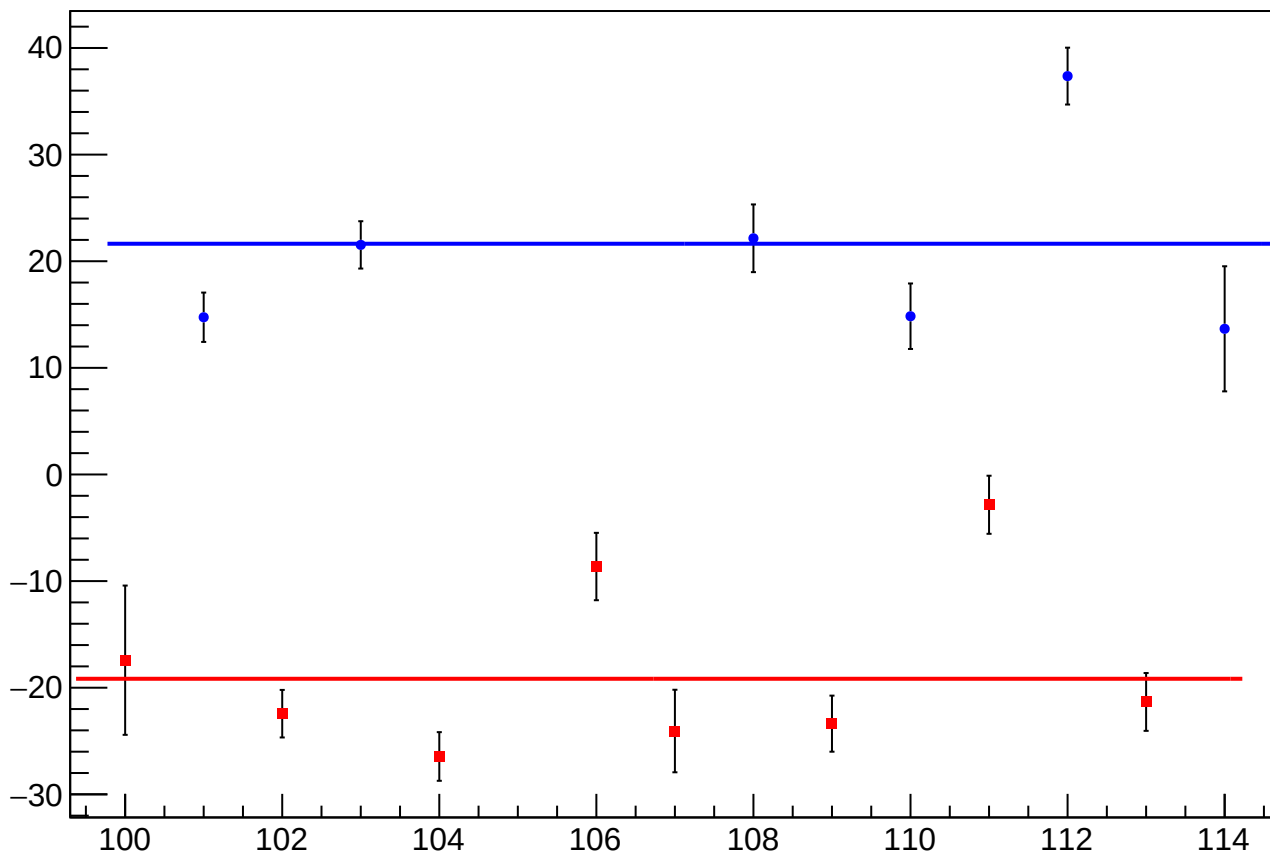
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1669.490 $\pm$ 0.489 χ^2 /NDF: 163503.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_mean vs Slug



Right In: 21.640 $\pm$ 1.144 χ^2 /NDF: 50.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.162 $\pm$ 1.002 χ^2 /NDF: 64.2/7

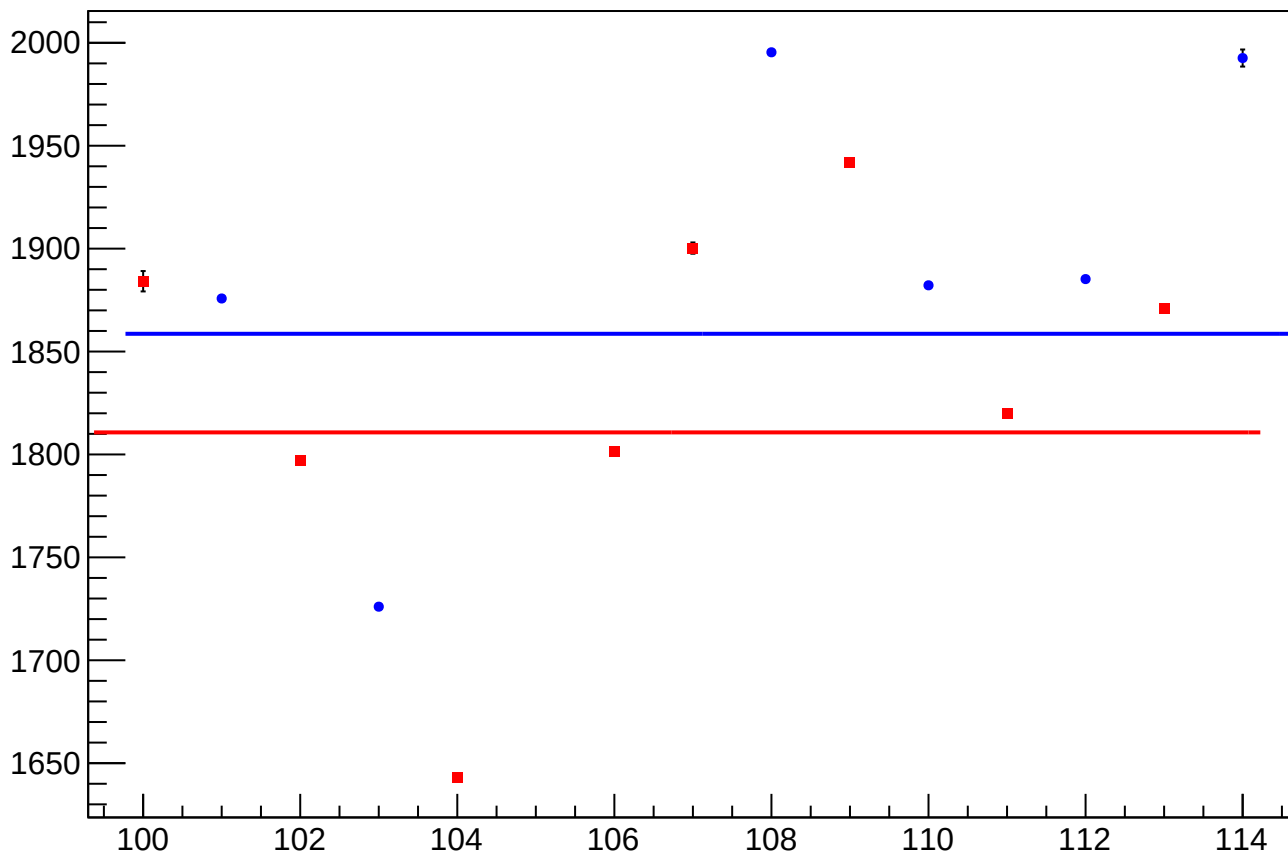
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.444 $\pm$ 0.754 χ^2 /NDF: 834.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1858.625 $\pm$ 0.809 χ^2 /NDF: 12311.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1810.715 $\pm$ 0.709 χ^2 /NDF: 18171.6/7

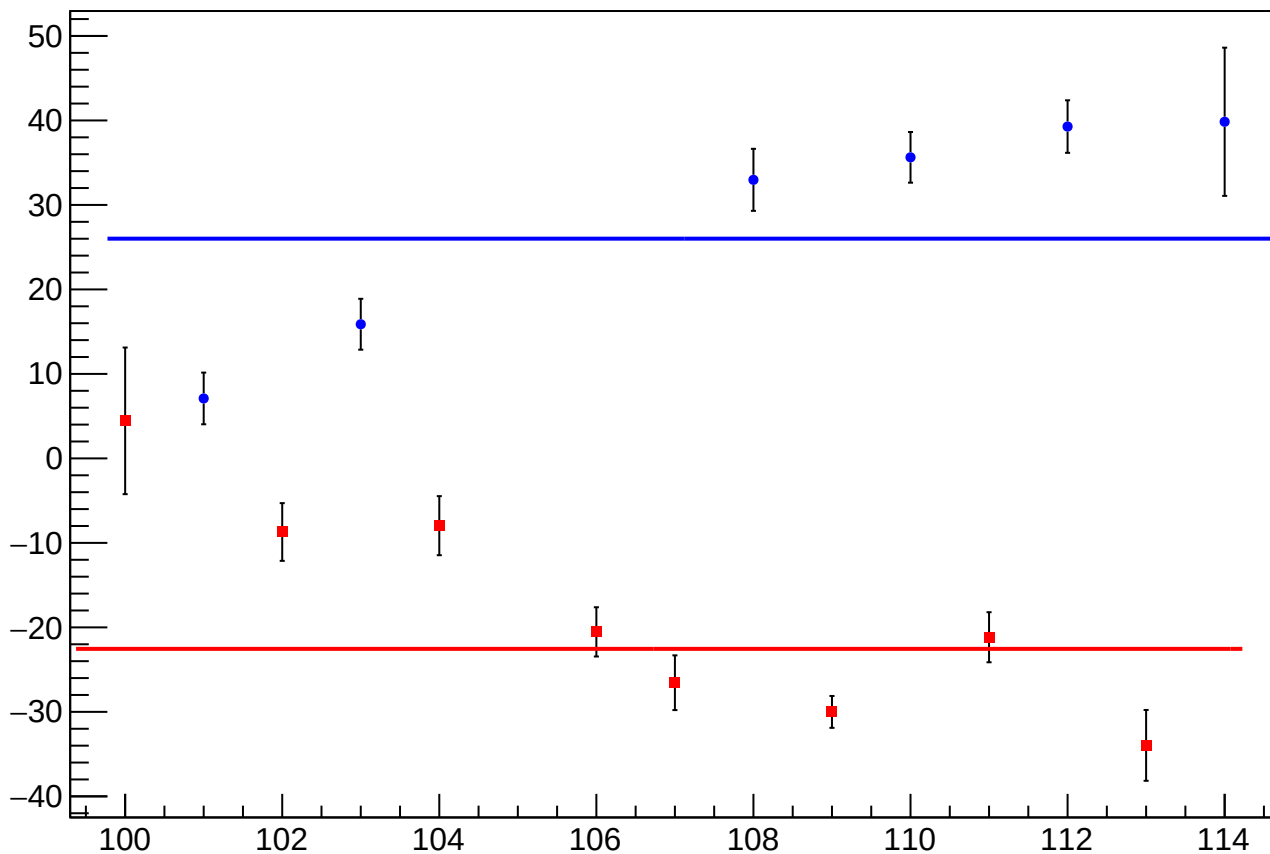
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1831.520 $\pm$ 0.533 χ^2 /NDF: 32468.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 26.008 $\pm$ 1.388 χ^2 /NDF: 84.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.543 $\pm$ 1.087 χ^2 /NDF: 68.8/7

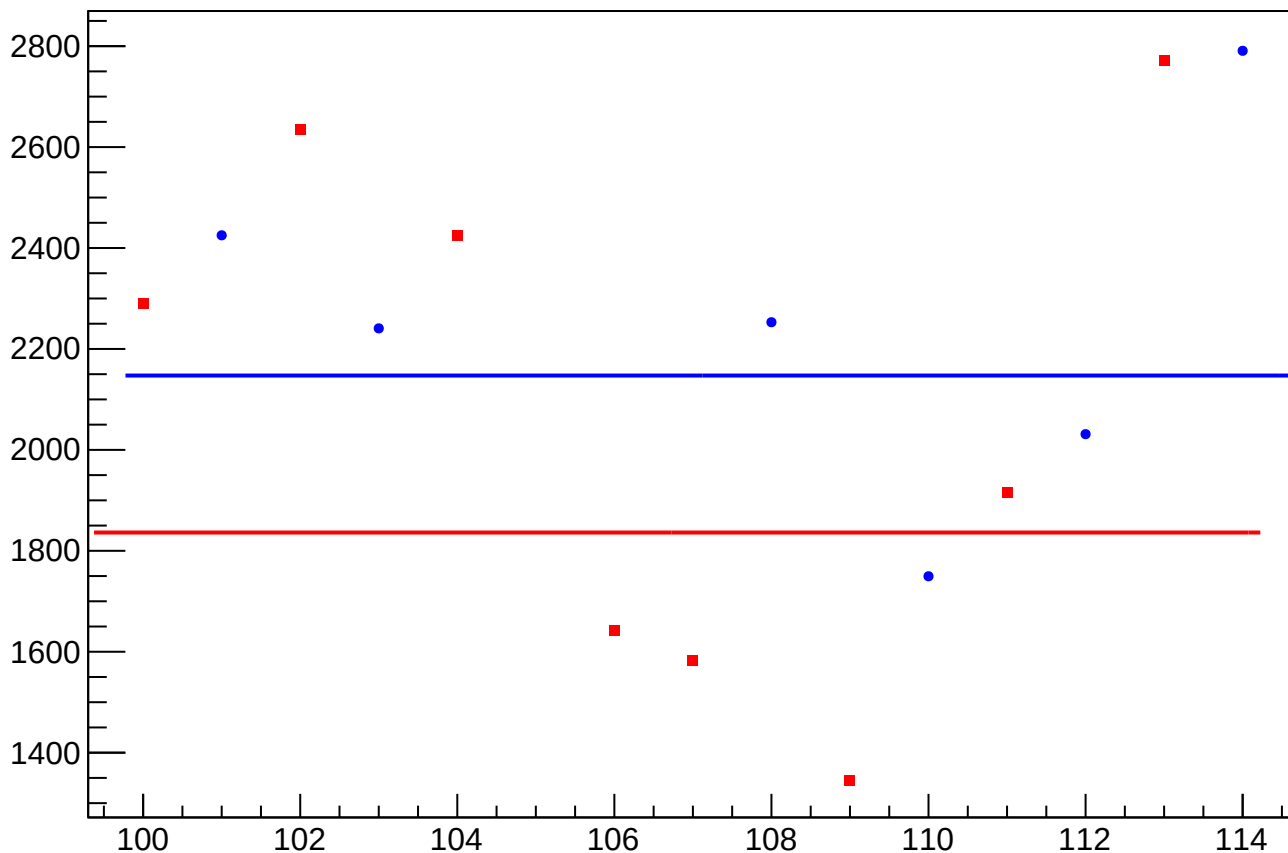
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.079 $\pm$ 0.856 χ^2 /NDF: 911.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 2147.324+/-0.982 χ^2/NDF : 68810.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1836.263+/-0.769 χ^2/NDF : 429100.3/7

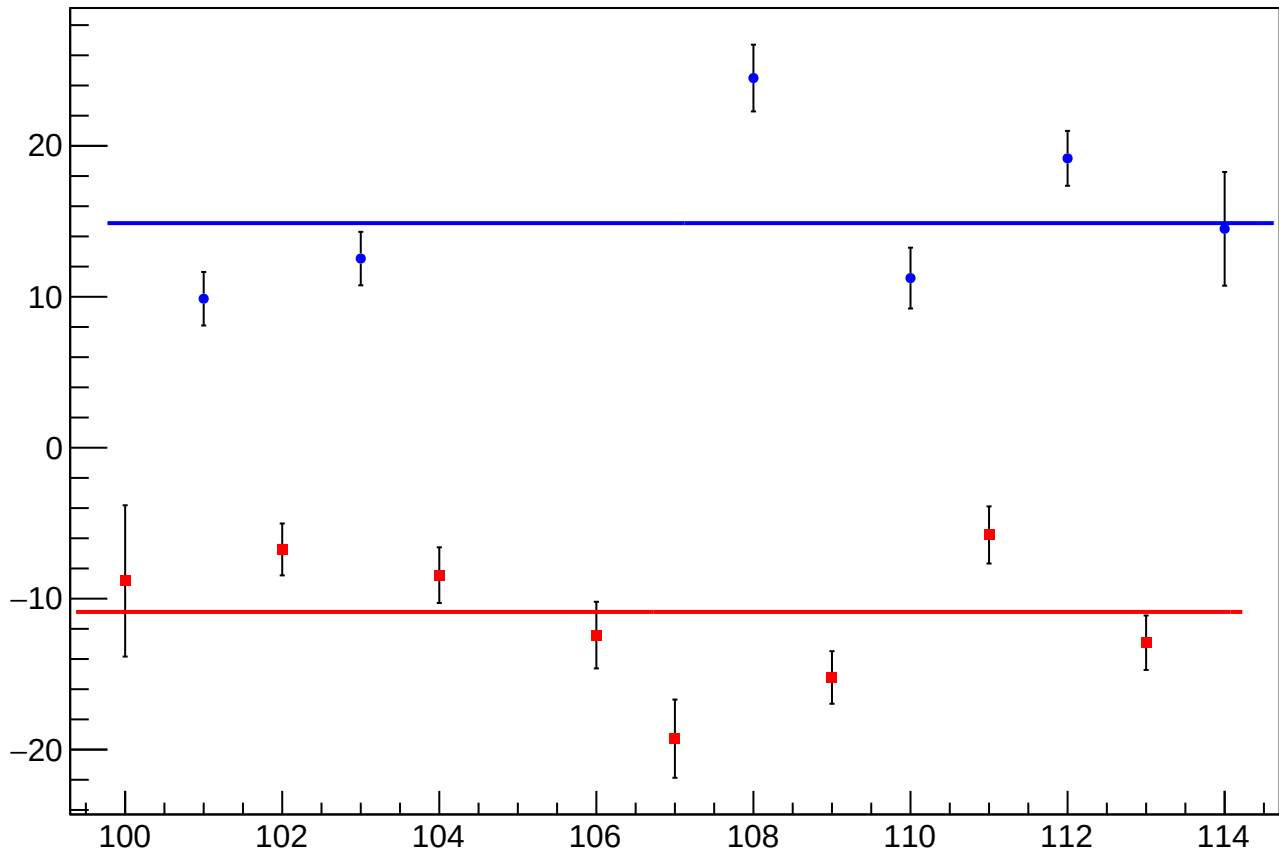
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.558+/-0.605 χ^2/NDF : 560145.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 14.880 $\pm$ 0.828 χ^2 /NDF: 37.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.880 $\pm$ 0.718 χ^2 /NDF: 33.4/7

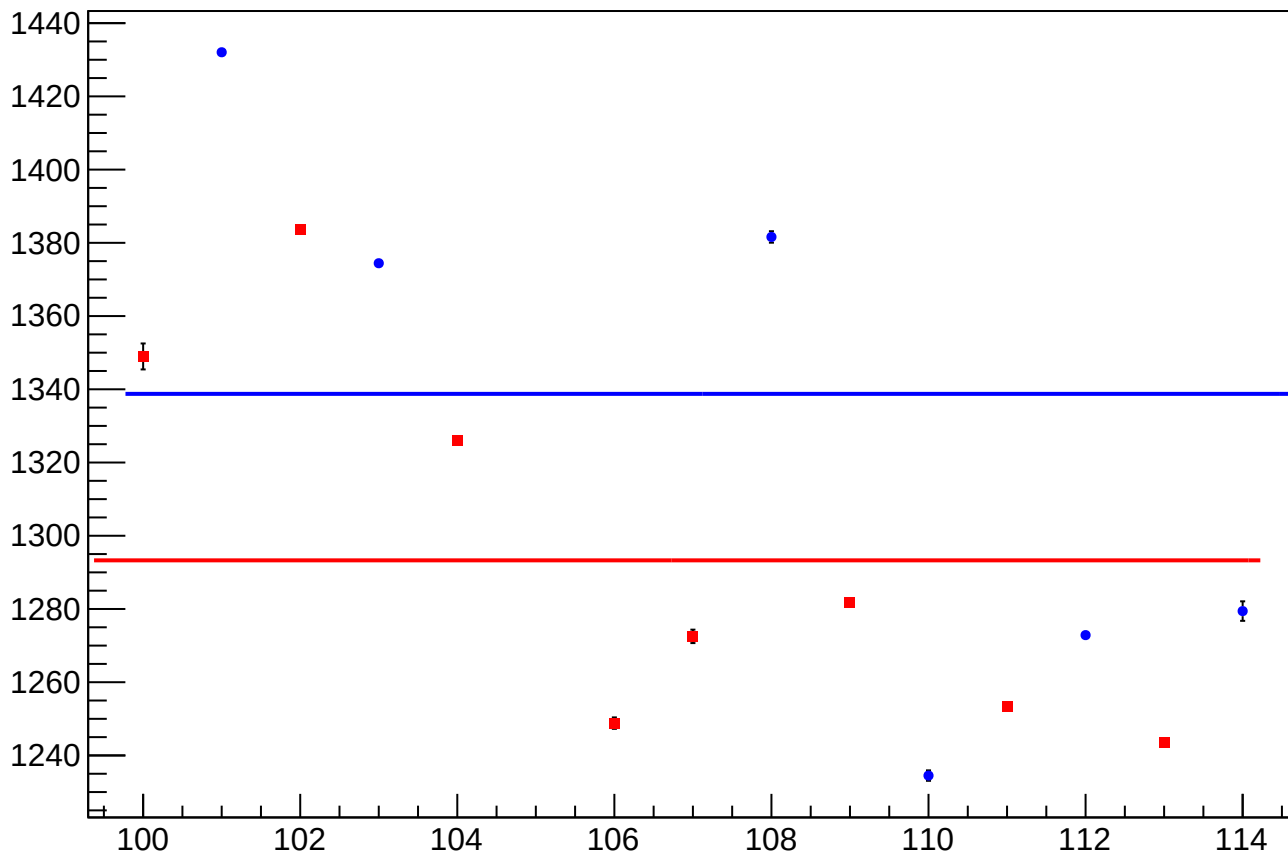
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.175 $\pm$ 0.542 χ^2 /NDF: 623.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1338.752 $\pm$ 0.585 χ^2 /NDF: 15569.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1293.282 $\pm$ 0.507 χ^2 /NDF: 9833.3/7

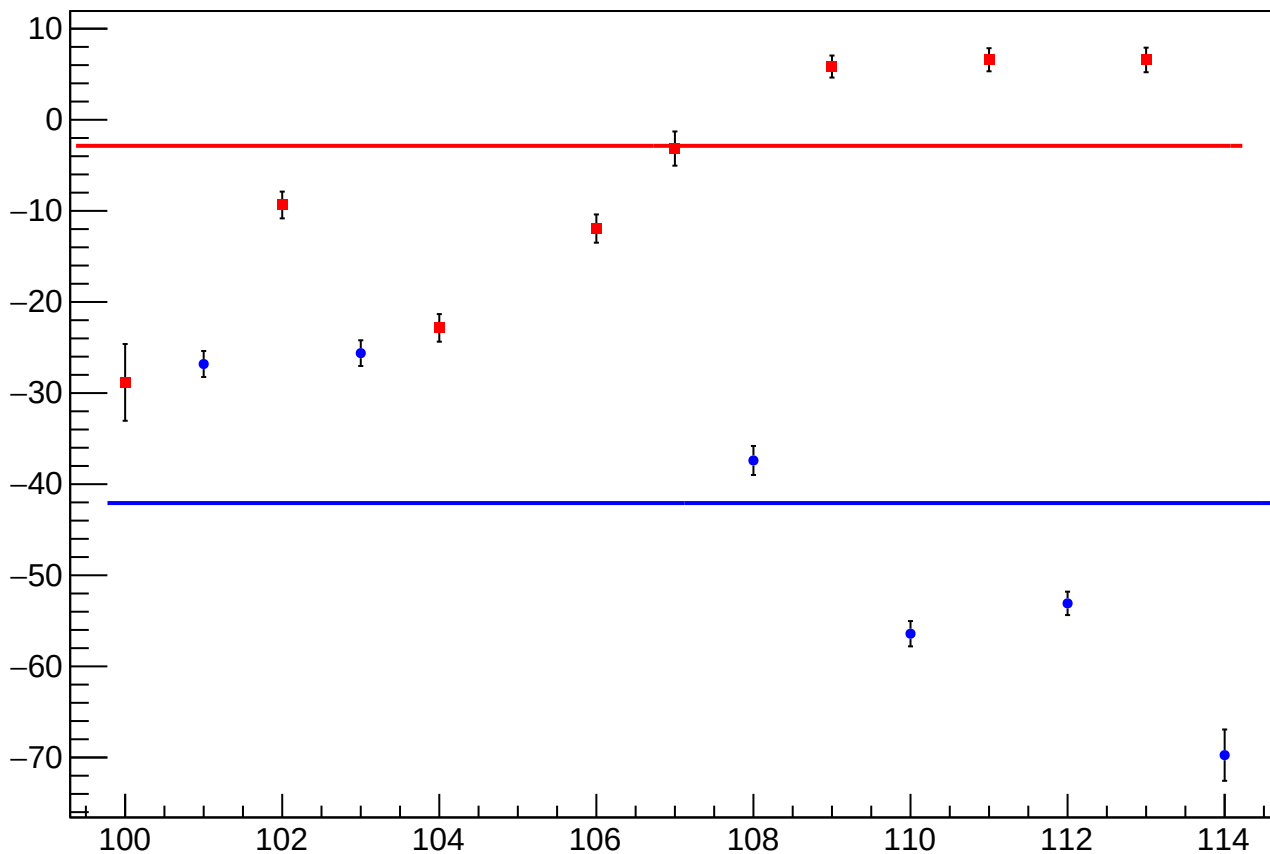
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1312.794 $\pm$ 0.383 χ^2 /NDF: 28848.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -42.071 $\pm$ 0.616 χ^2 /NDF: 535.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.860 $\pm$ 0.533 χ^2 /NDF: 422.5/7

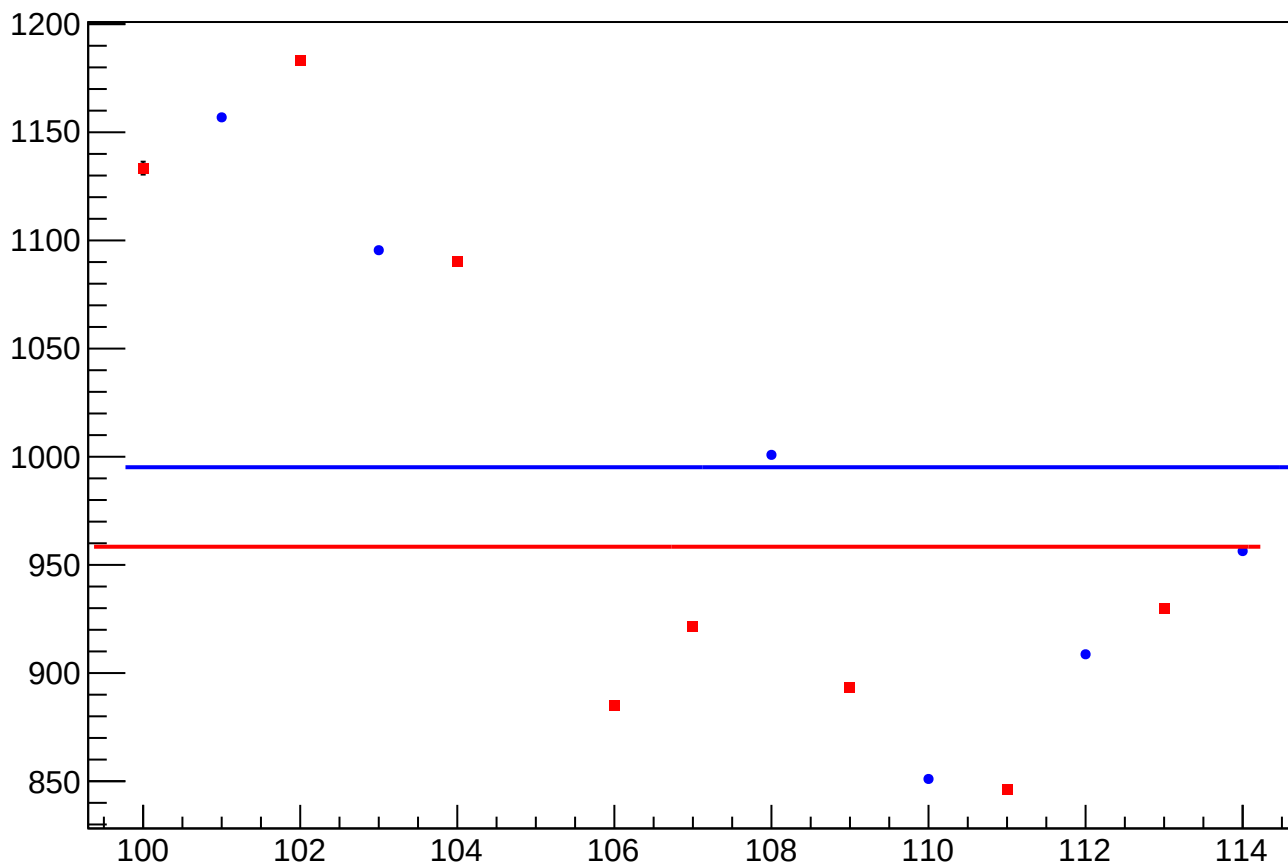
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.671 $\pm$ 0.403 χ^2 /NDF: 3275.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 995.154 $\pm$ 0.435 χ^2 /NDF: 66816.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 958.402 $\pm$ 0.377 χ^2 /NDF: 93107.2/7

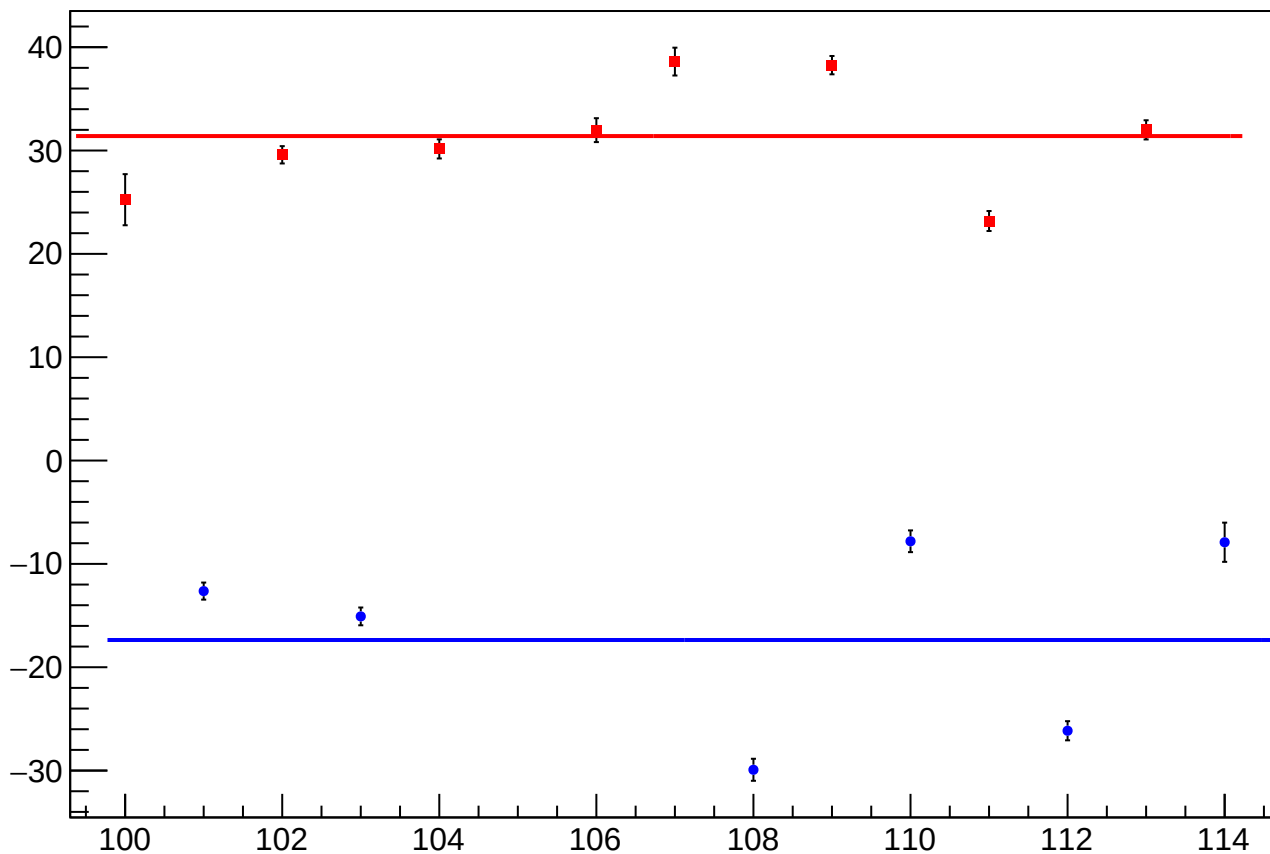
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 974.159 $\pm$ 0.285 χ^2 /NDF: 163994.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -17.365 $\pm$ 0.407 χ^2 /NDF: 375.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.400 $\pm$ 0.364 χ^2 /NDF: 174.2/7

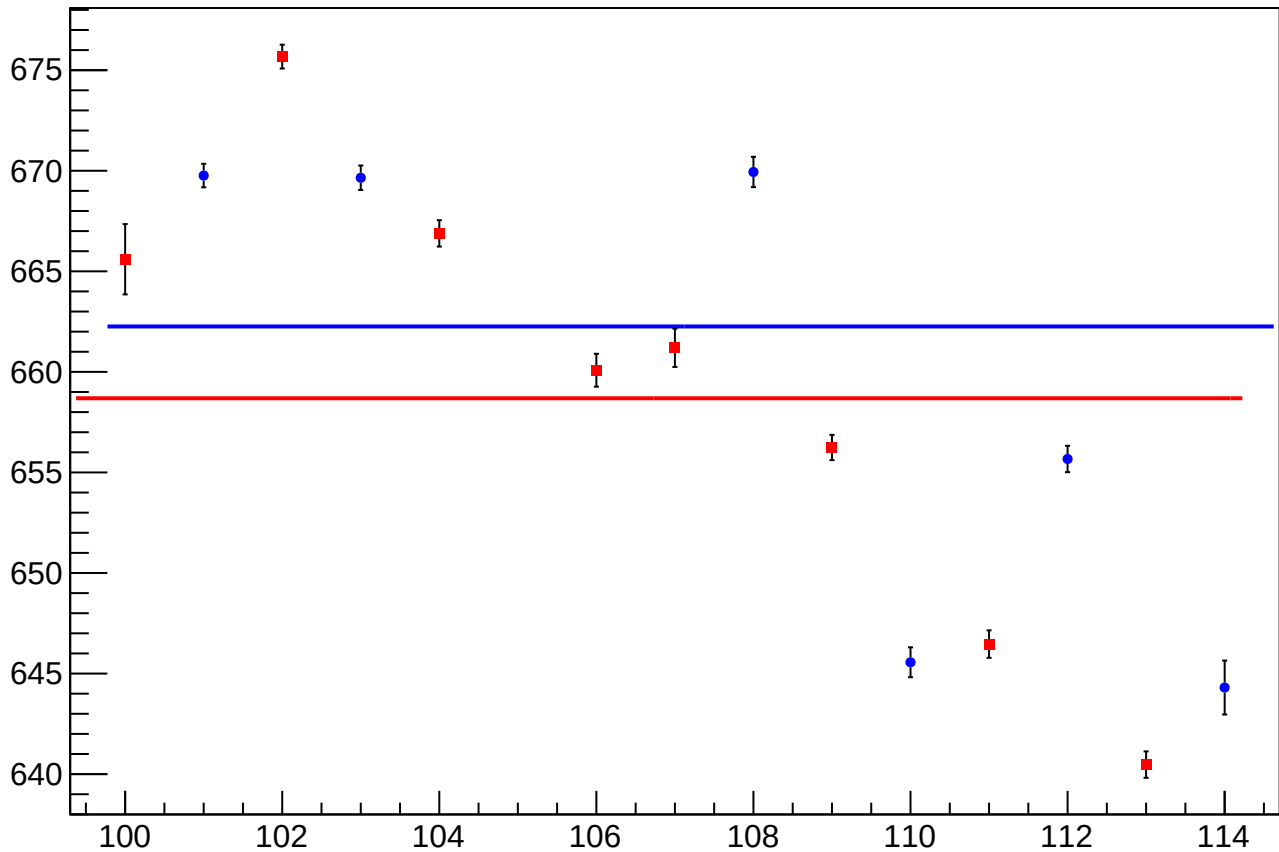
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.731 $\pm$ 0.271 χ^2 /NDF: 8533.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 662.258 $\pm$ 0.288 χ^2 /NDF: 1200.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 658.688 $\pm$ 0.257 χ^2 /NDF: 2108.5/7

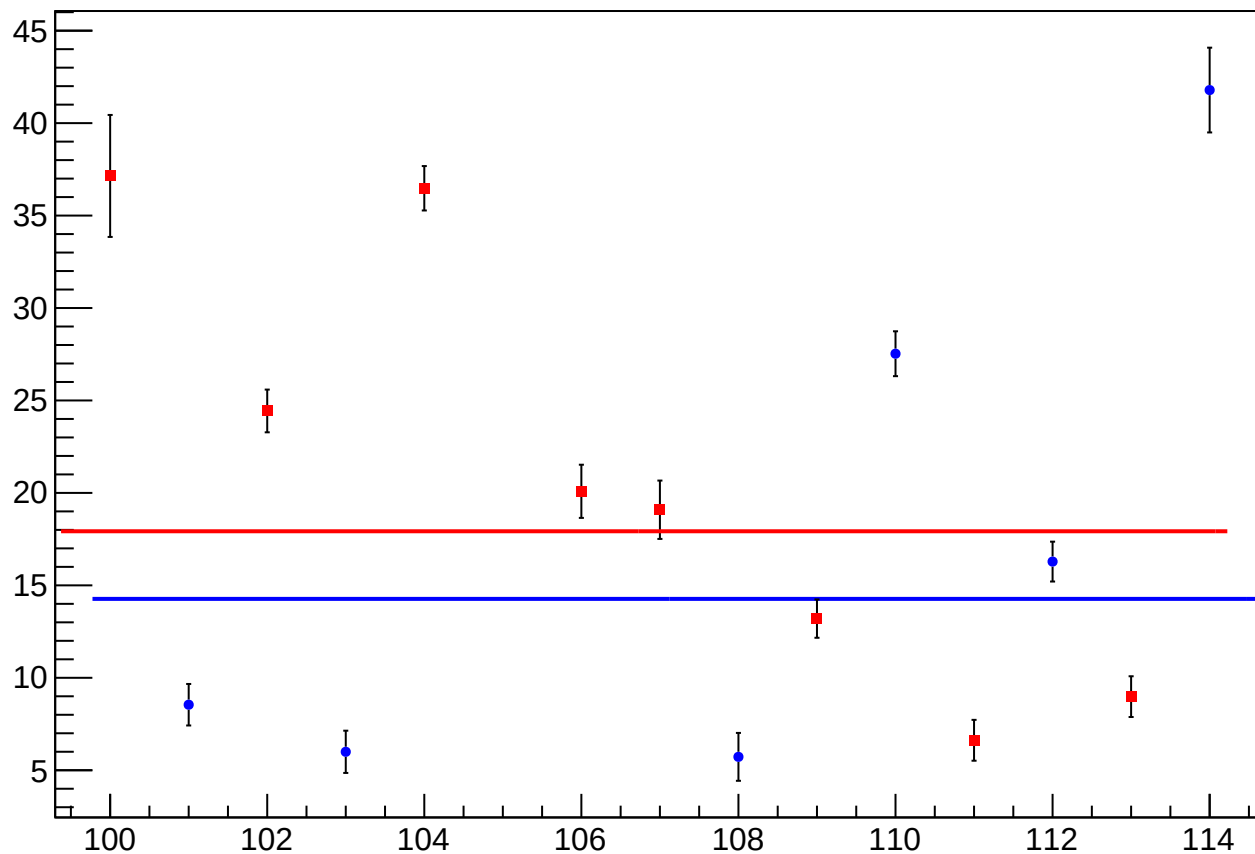
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 660.275 $\pm$ 0.192 χ^2 /NDF: 3394.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 14.268 $\pm$ 0.507 χ^2 /NDF: 388.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.925 $\pm$ 0.448 χ^2 /NDF: 498.4/7

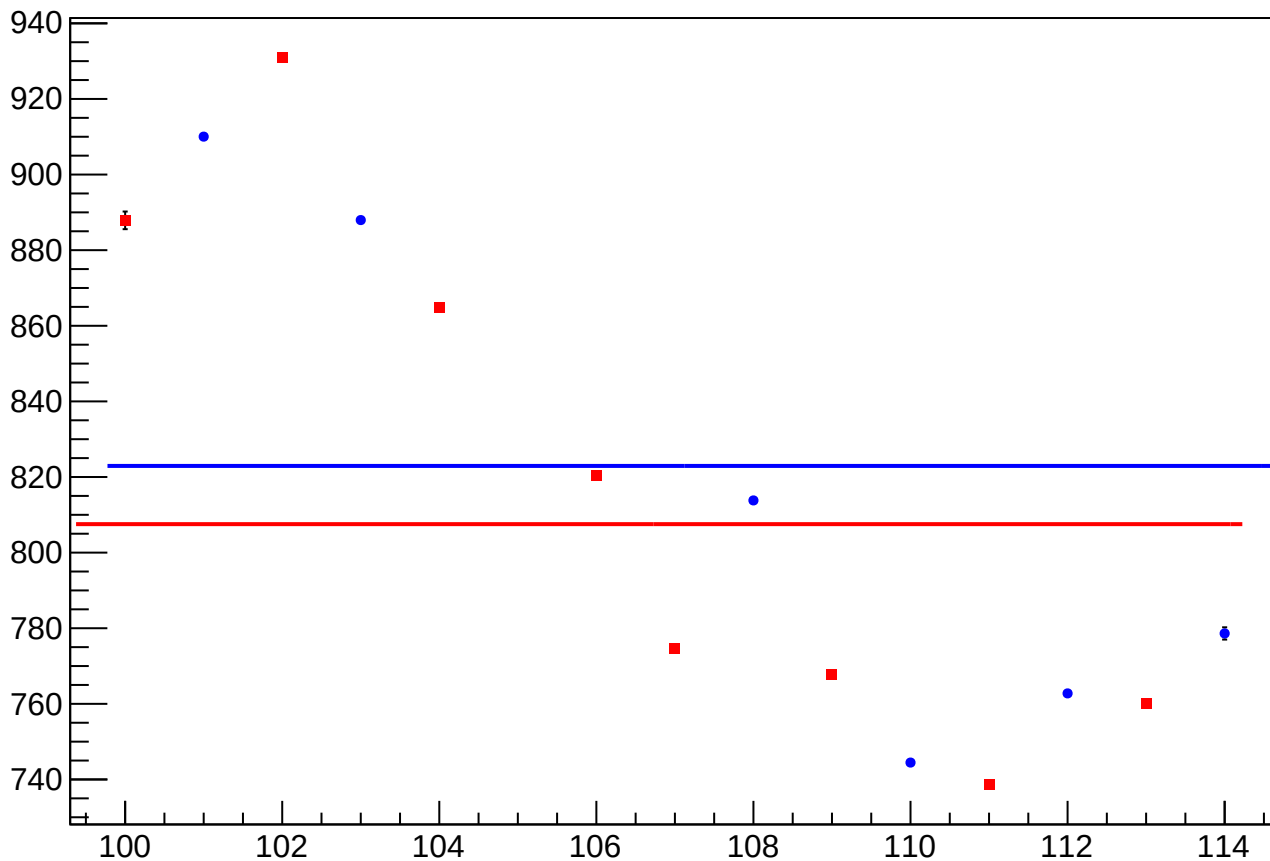
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.325 $\pm$ 0.336 χ^2 /NDF: 916.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 822.933+/-0.359 χ^2/NDF : 33953.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.533+/-0.317 χ^2/NDF : 43985.3/7

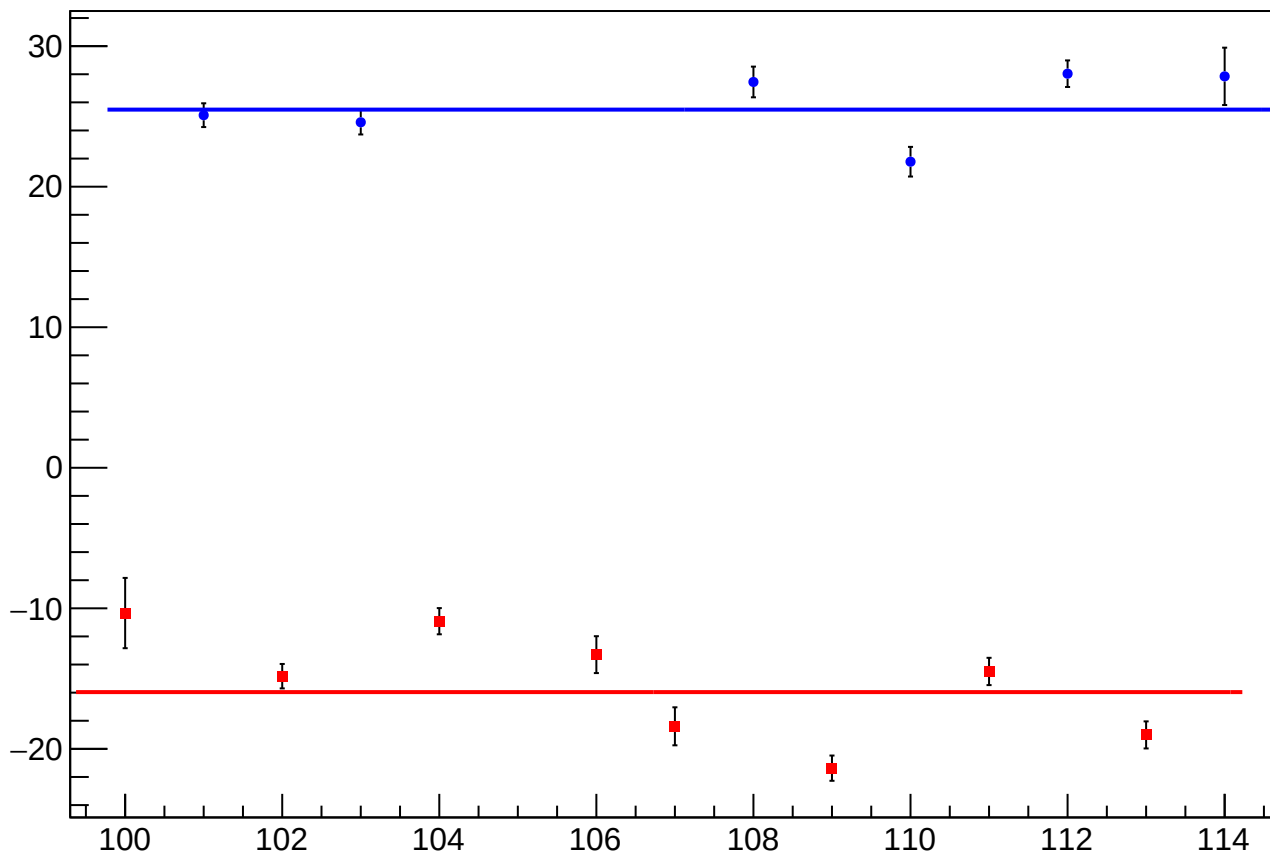
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.274+/-0.237 χ^2/NDF : 78974.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04Y_mean vs Slug



Right In: 25.484 $\pm$ 0.415 χ^2 /NDF: 25.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.961 $\pm$ 0.374 χ^2 /NDF: 92.0/7

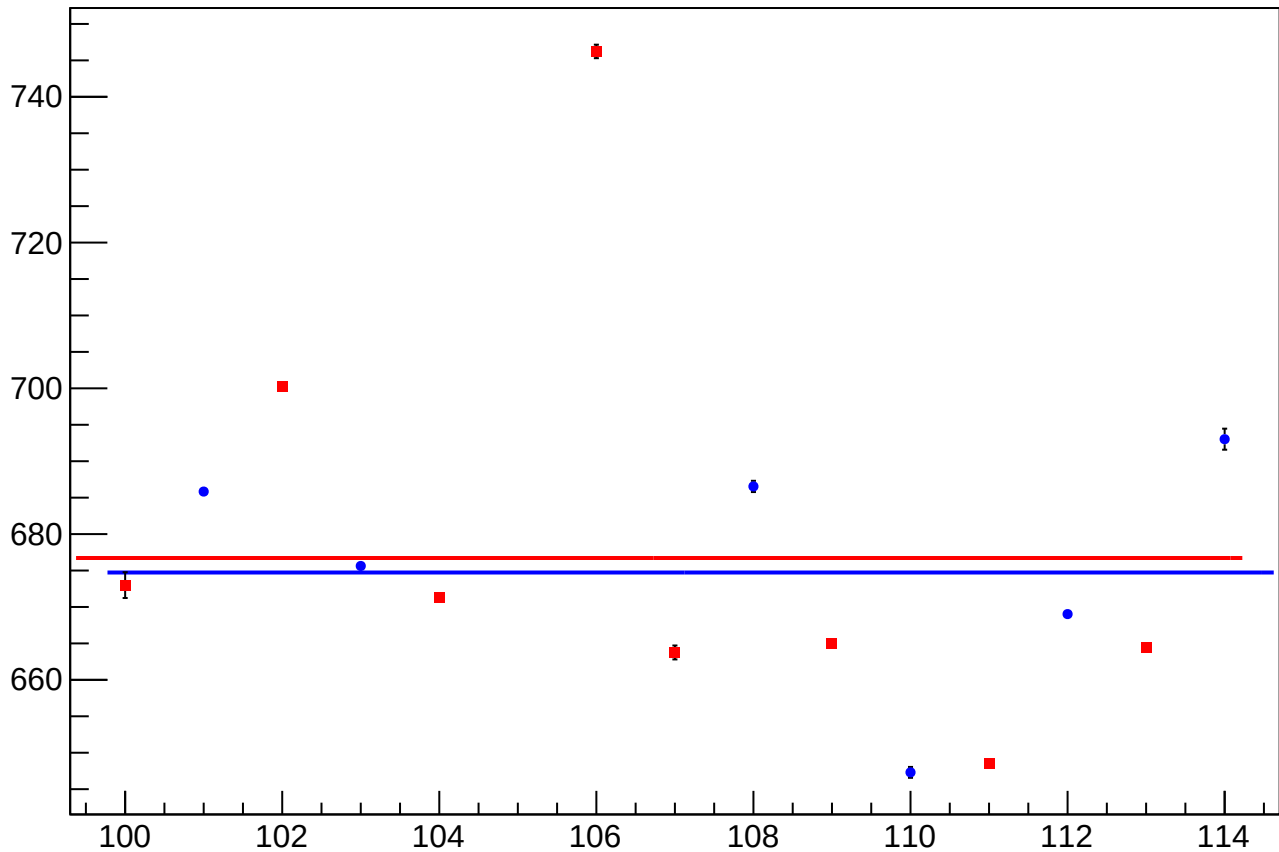
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.641 $\pm$ 0.278 χ^2 /NDF: 5624.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 674.730 $\pm$ 0.293 χ^2 /NDF: 2165.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 676.720 $\pm$ 0.265 χ^2 /NDF: 9696.3/7

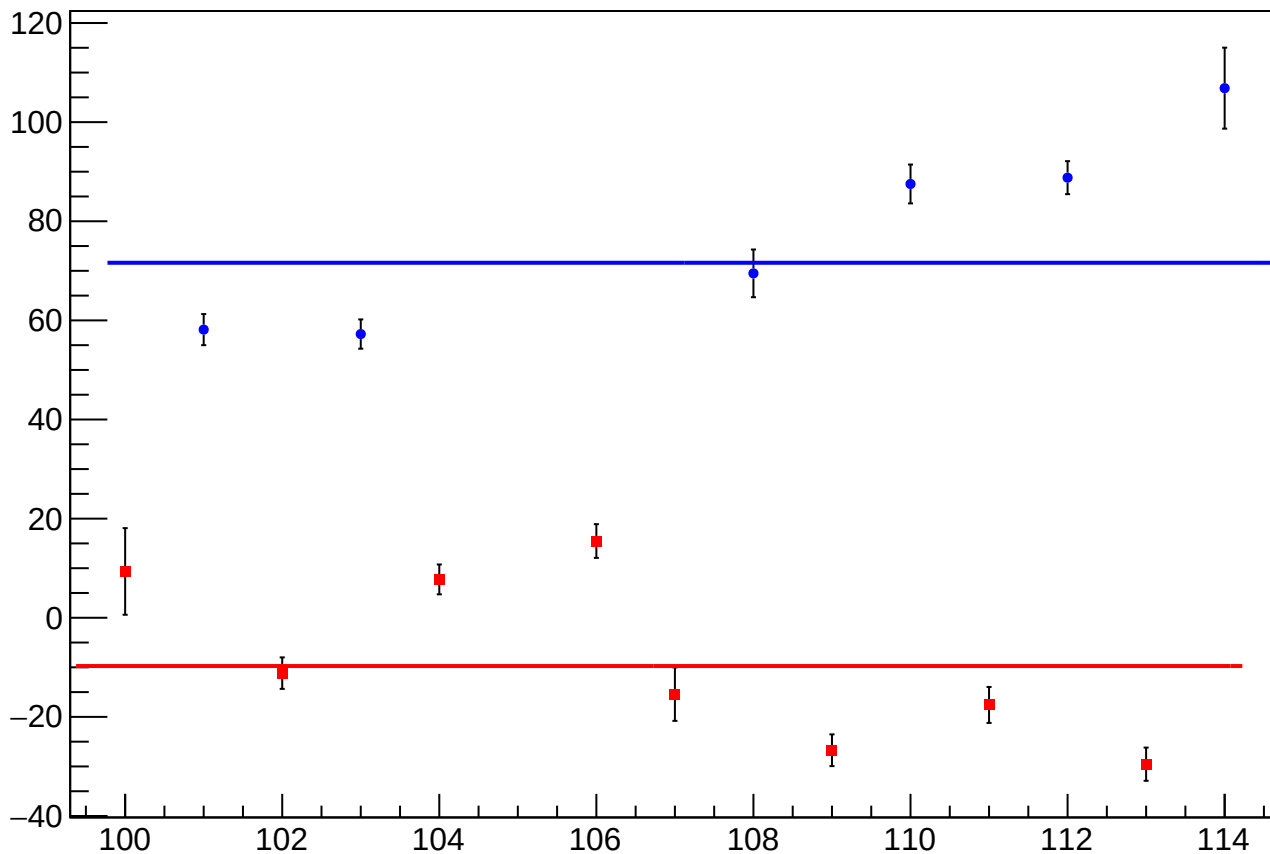
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 675.827 $\pm$ 0.196 χ^2 /NDF: 11886.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 71.627+/-1.526 χ^2/NDF : 104.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.740+/-1.285 χ^2/NDF : 162.5/7

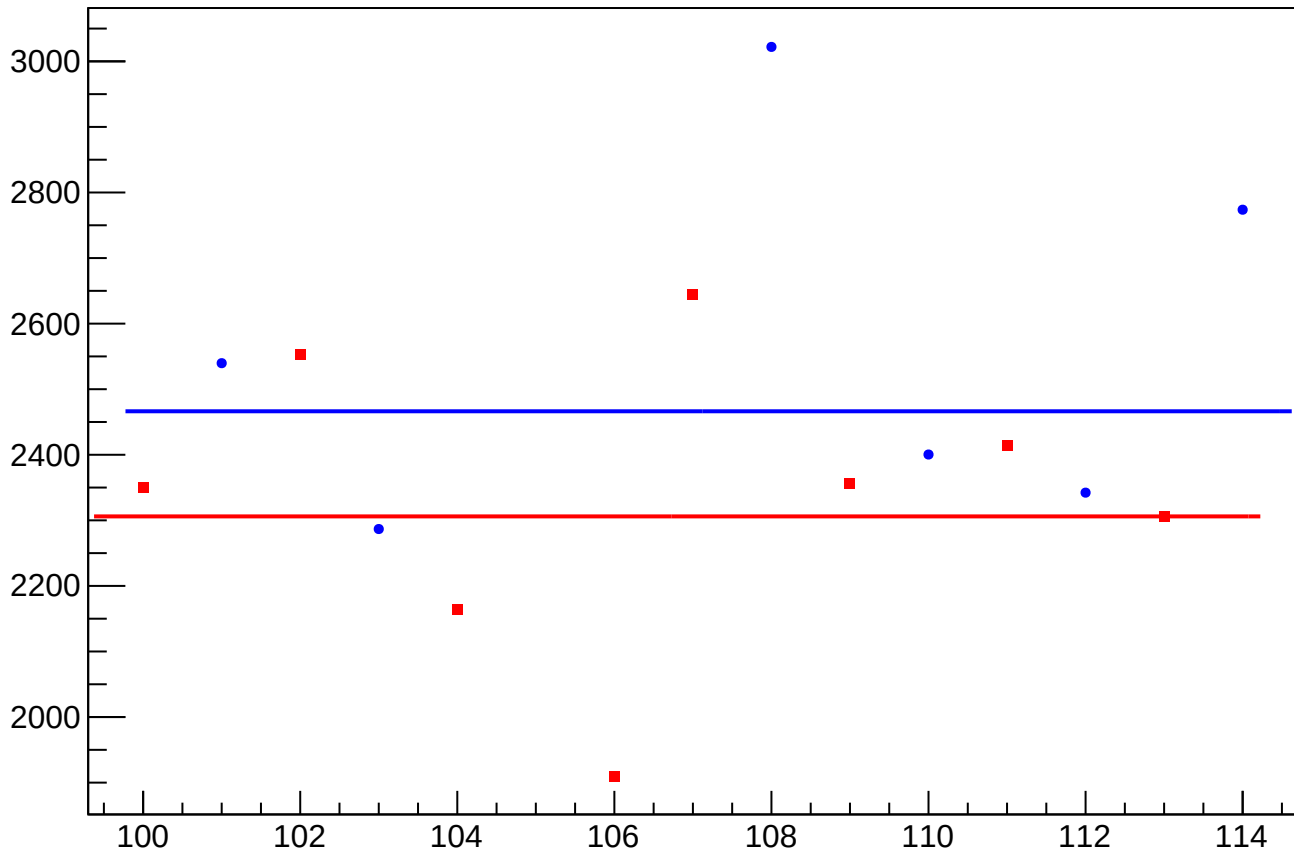
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.018+/-0.983 χ^2/NDF : 1931.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2466.334 $\pm$ 1.079 χ^2 /NDF: 41320.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2306.015 $\pm$ 0.908 χ^2 /NDF: 53974.5/7

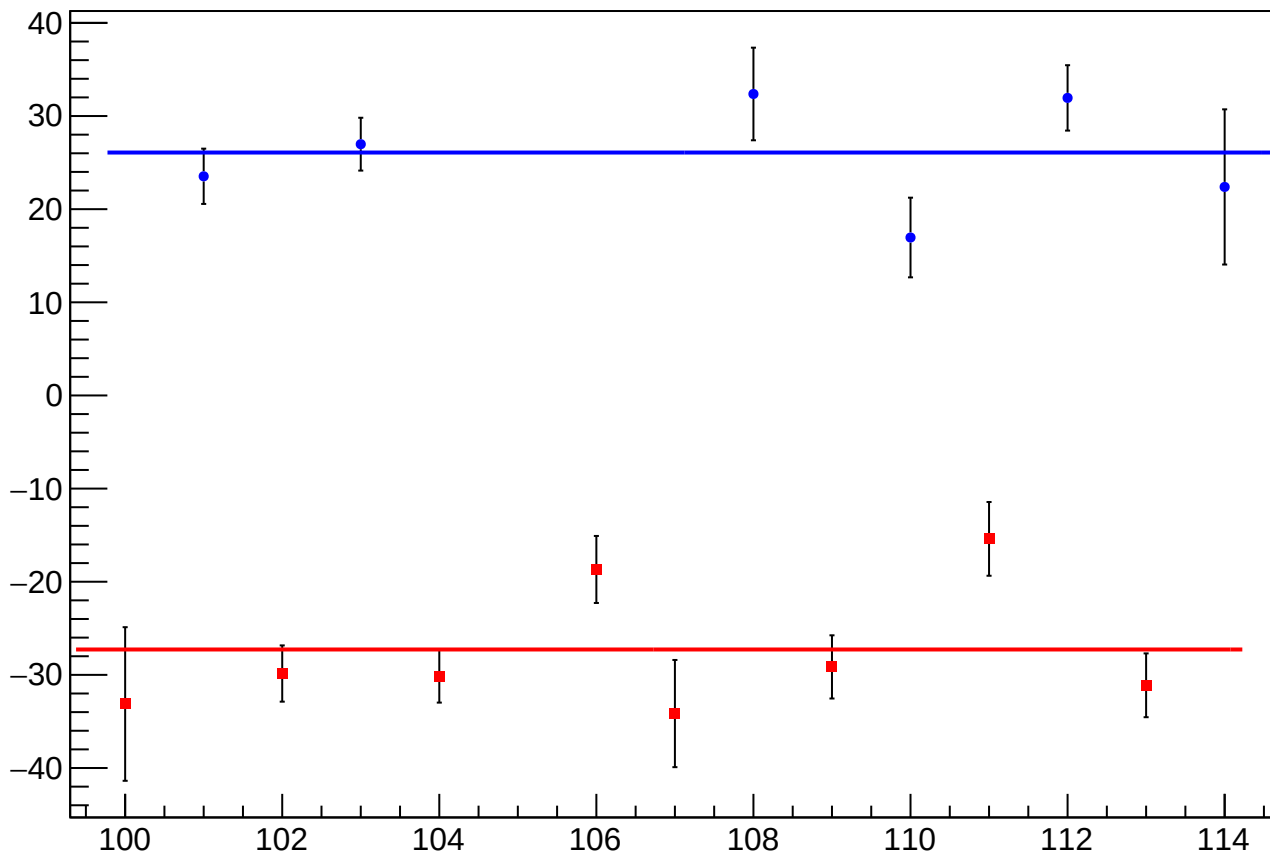
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2372.530 $\pm$ 0.695 χ^2 /NDF: 108218.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_mean vs Slug



Right In: 26.081 $\pm$ 1.528 χ^2 /NDF: 10.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.275 $\pm$ 1.300 χ^2 /NDF: 19.9/7

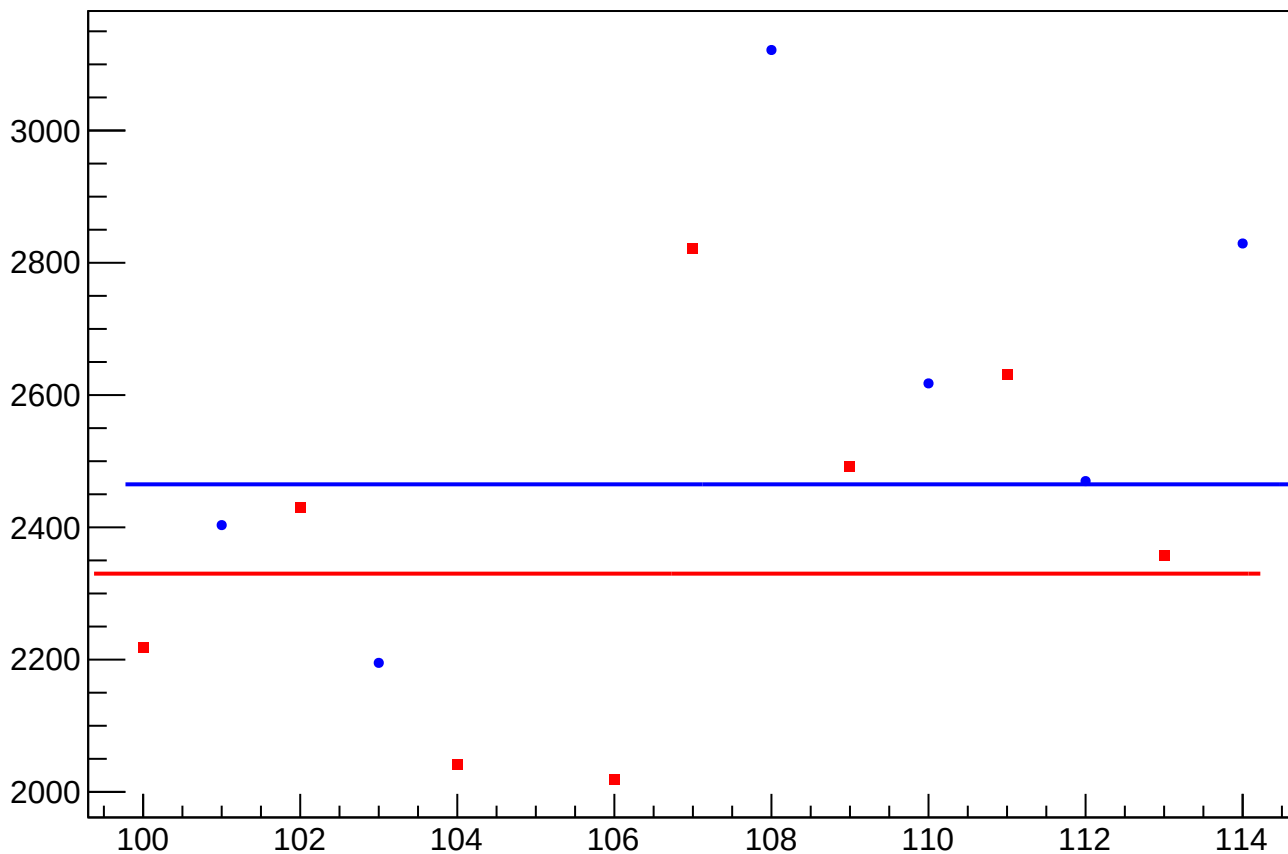
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.858 $\pm$ 0.990 χ^2 /NDF: 737.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2465.033+/-1.080 χ^2/NDF : 60240.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2329.995+/-0.919 χ^2/NDF : 69056.1/7

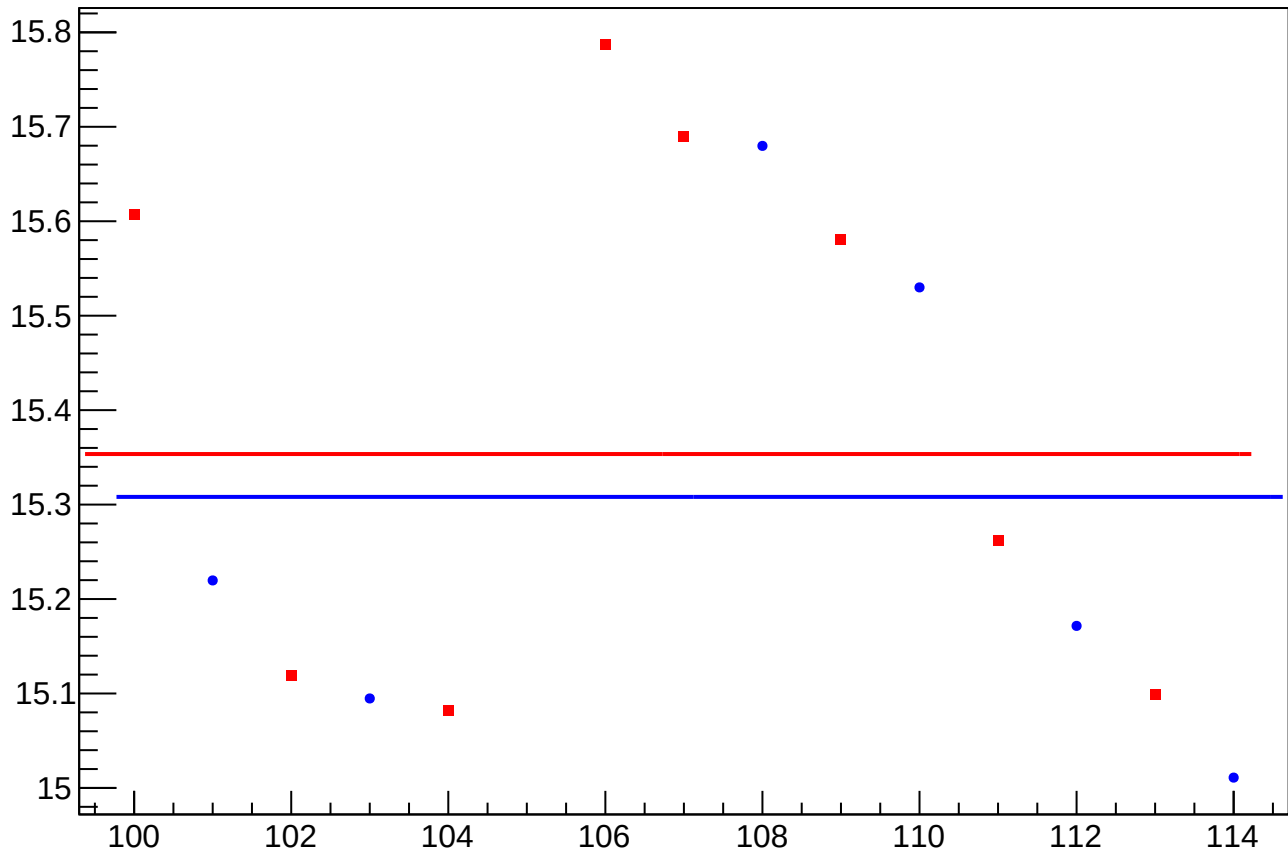
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2386.730+/-0.700 χ^2/NDF : 138359.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_mean vs Slug



Right In: 15.308+/-0.000 χ^2/NDF : 198144675.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.354+/-0.000 χ^2/NDF : 334467298.8/7

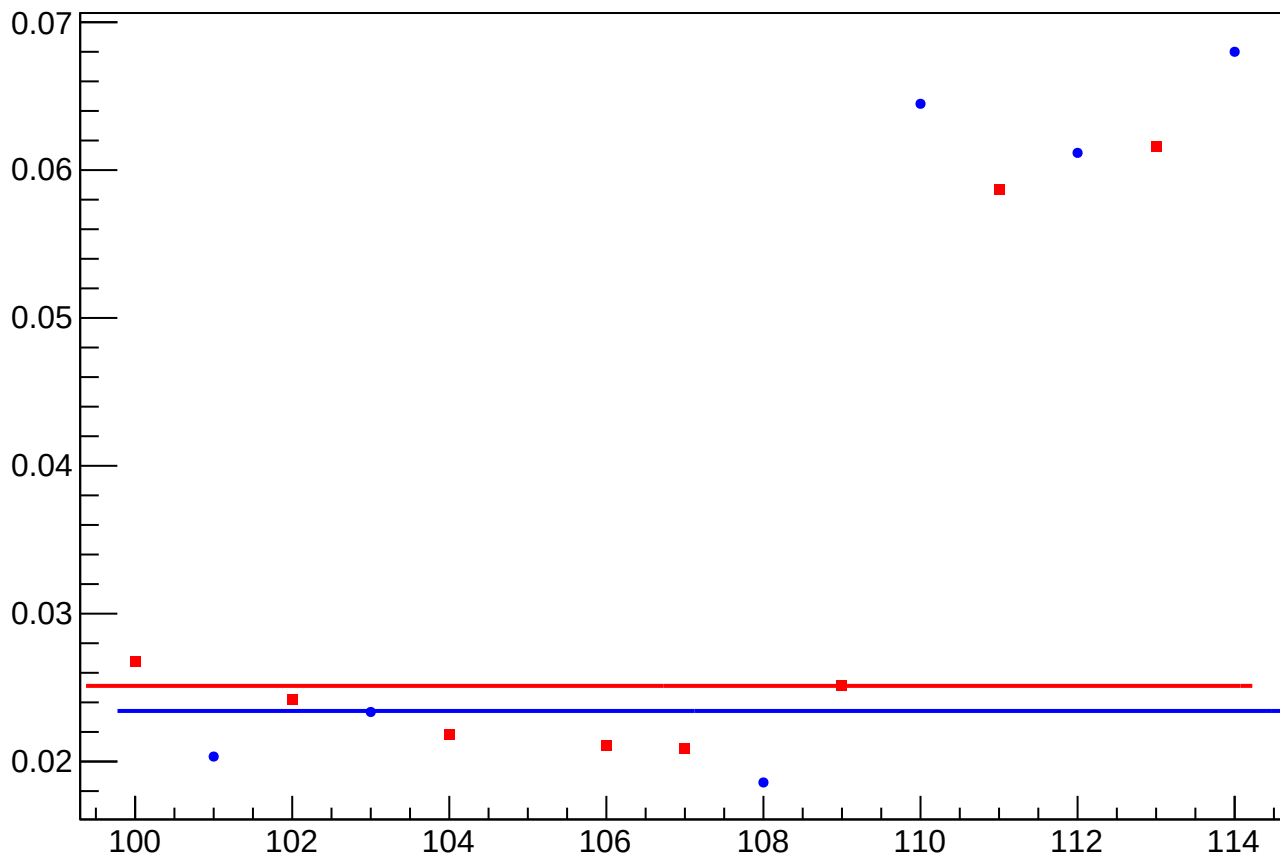
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.332+/-0.000 χ^2/NDF : 536523440.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 786897.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 643762.6/7

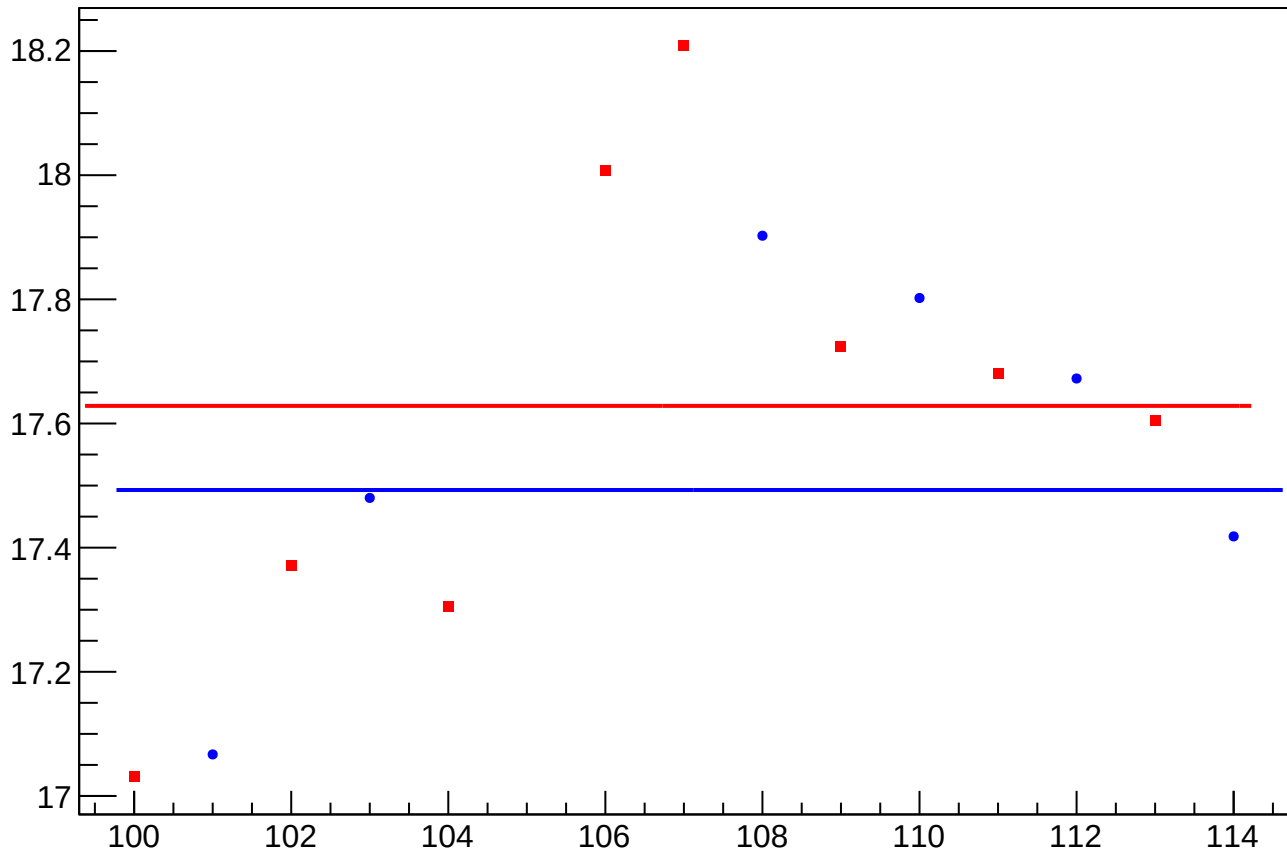
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1441577.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_mean vs Slug



Right In: 17.493+/-0.000 χ^2/NDF : 4394784.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.628+/-0.000 χ^2/NDF : 3131822.9/7

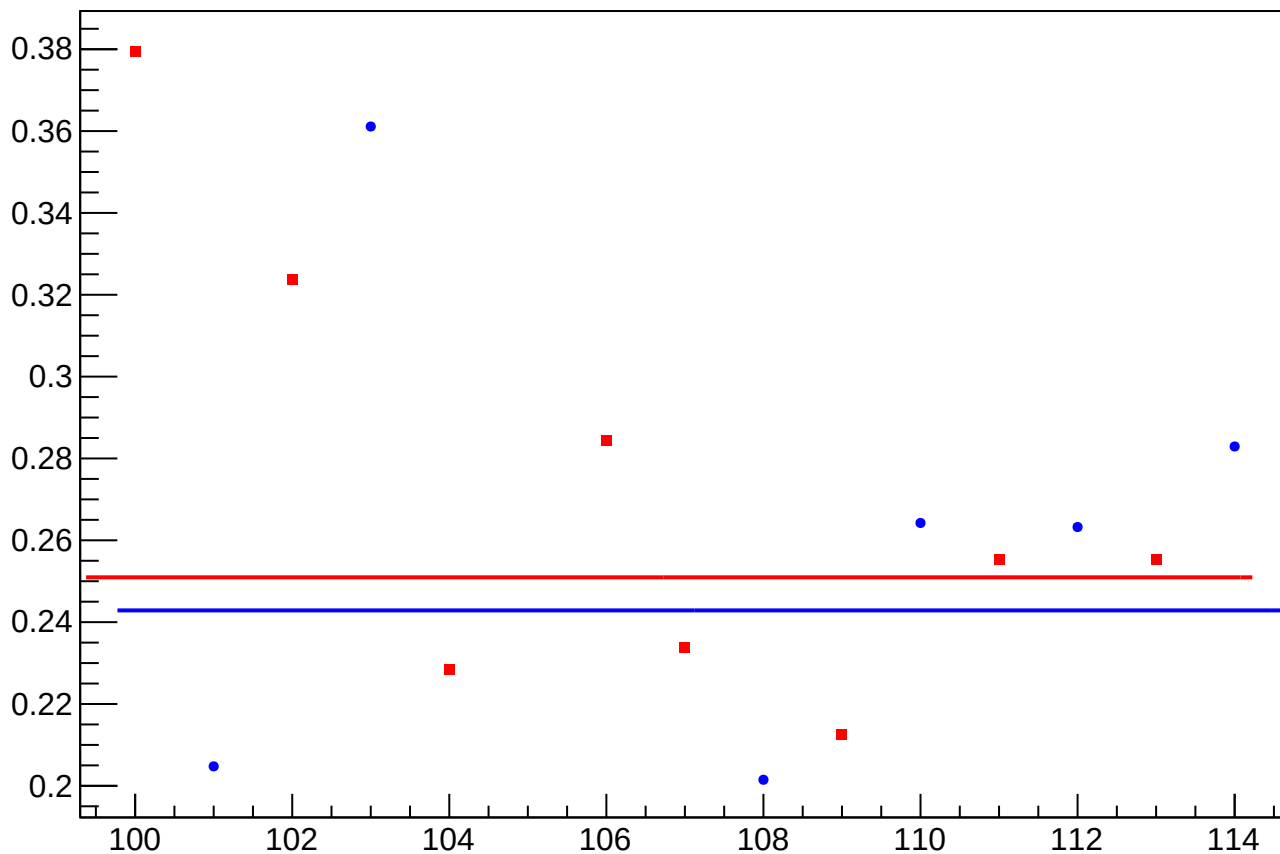
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.565+/-0.000 χ^2/NDF : 7904071.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_rms vs Slug



Right In: 0.243+/-0.000 χ^2/NDF : 206961.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.251+/-0.000 χ^2/NDF : 123064.6/7

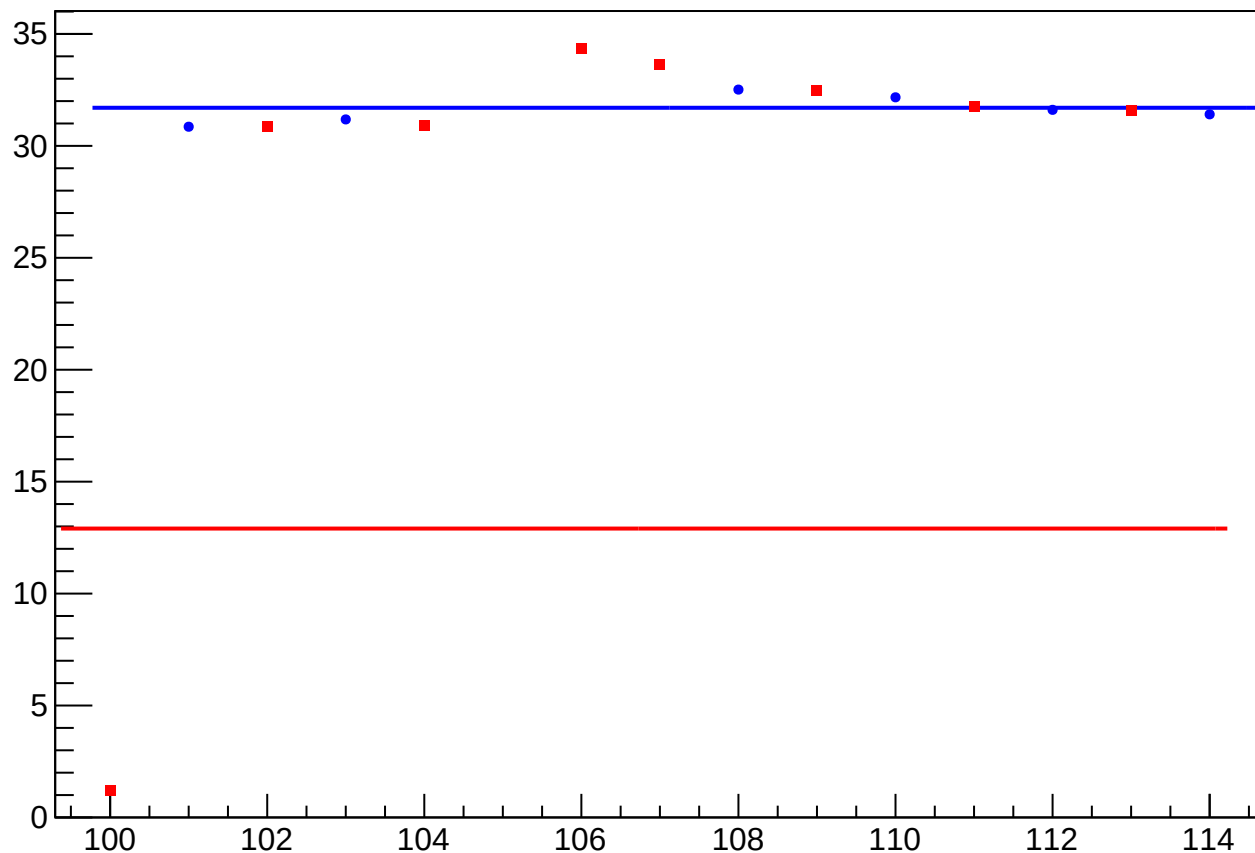
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.247+/-0.000 χ^2/NDF : 332712.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_mean vs Slug



Right In: 31.702 $\pm$ 0.000 χ^2 /NDF: 37168789.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

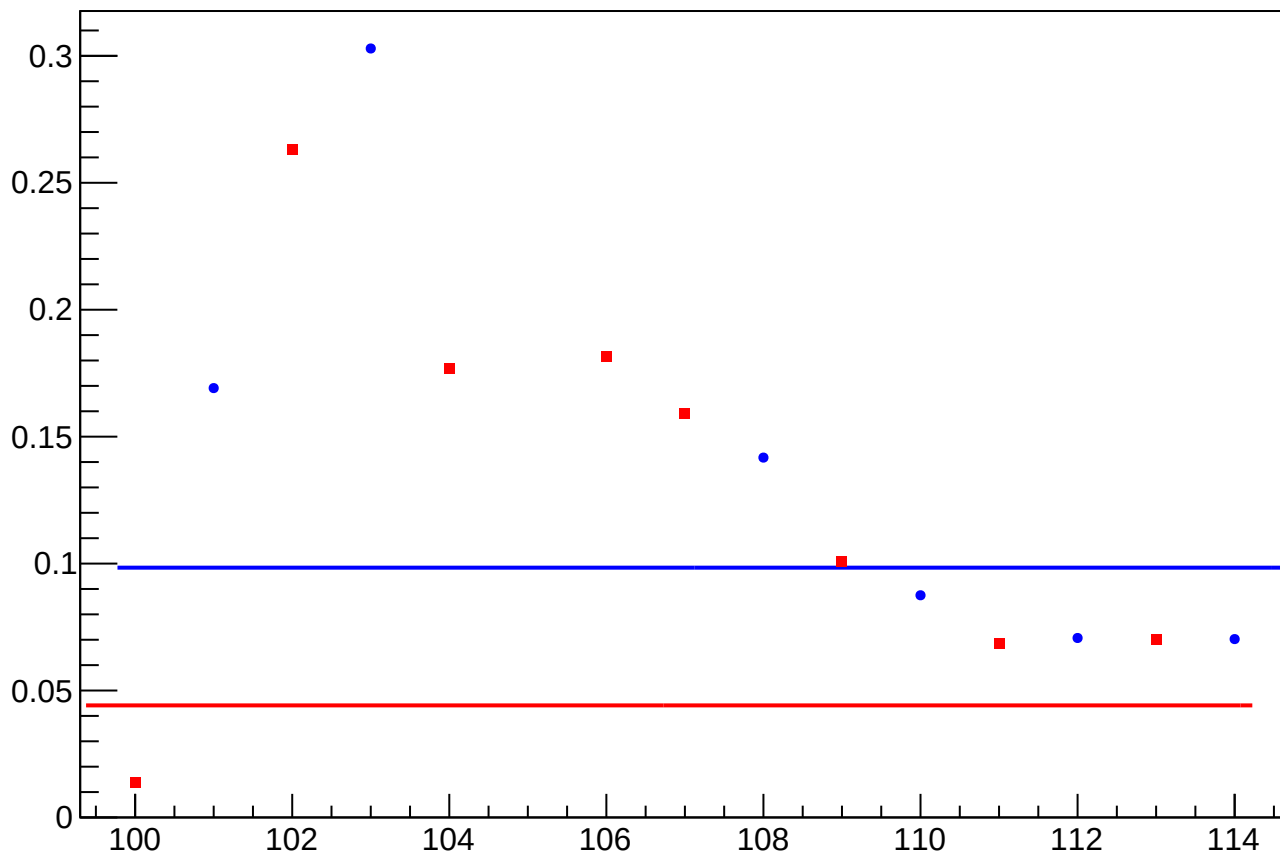
Right Out: 12.905 $\pm$ 0.000 χ^2 /NDF: 140421437757.3/7

All: 17.184 $\pm$ 0.000 χ^2 /NDF: 191235601559.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_sam3_rms vs Slug



Right In: 0.098 $\pm$ 0.000 χ^2 /NDF: 947961.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 2917829.3/7

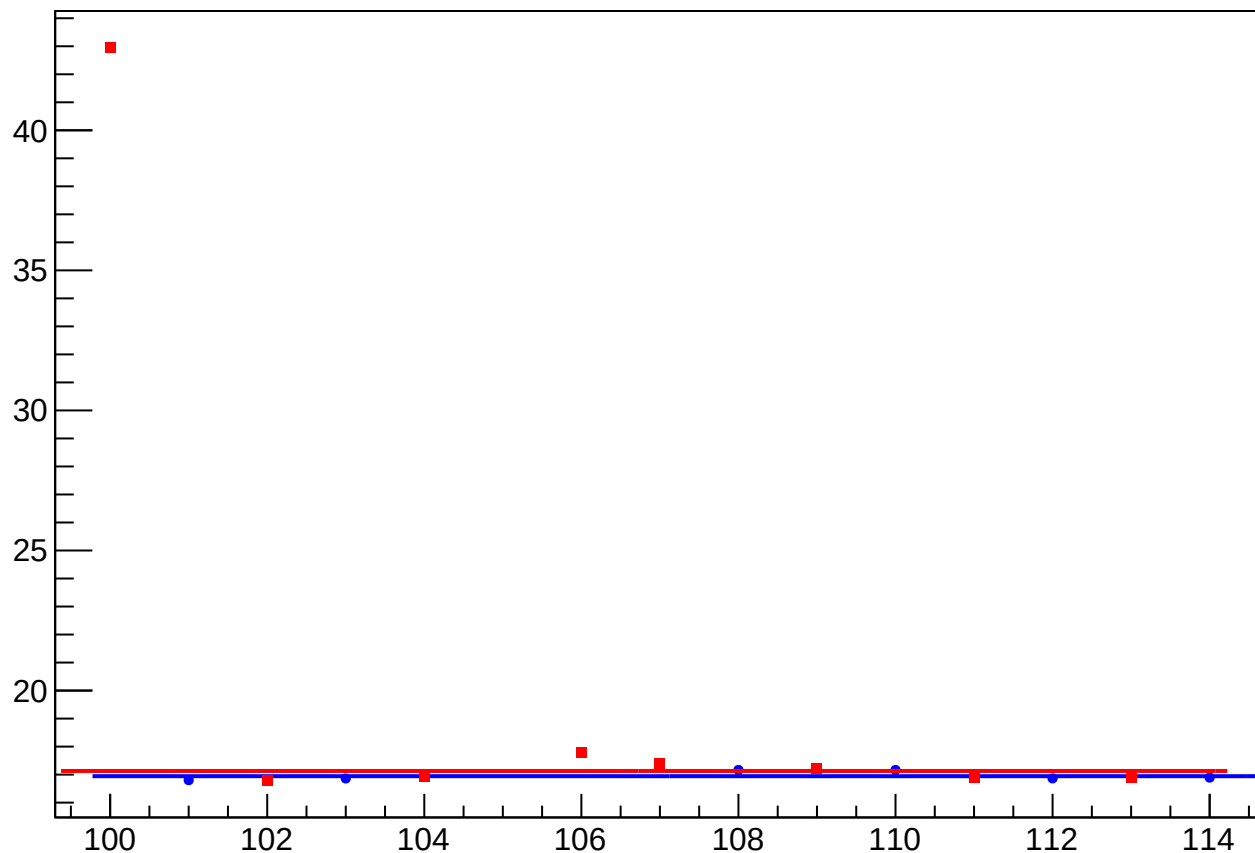
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.000 χ^2 /NDF: 4711864.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam4_mean vs Slug



Right In: 16.944 $\pm$ 0.000 χ^2 /NDF: 4278646.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.130 $\pm$ 0.000 χ^2 /NDF: 259030839.8/7

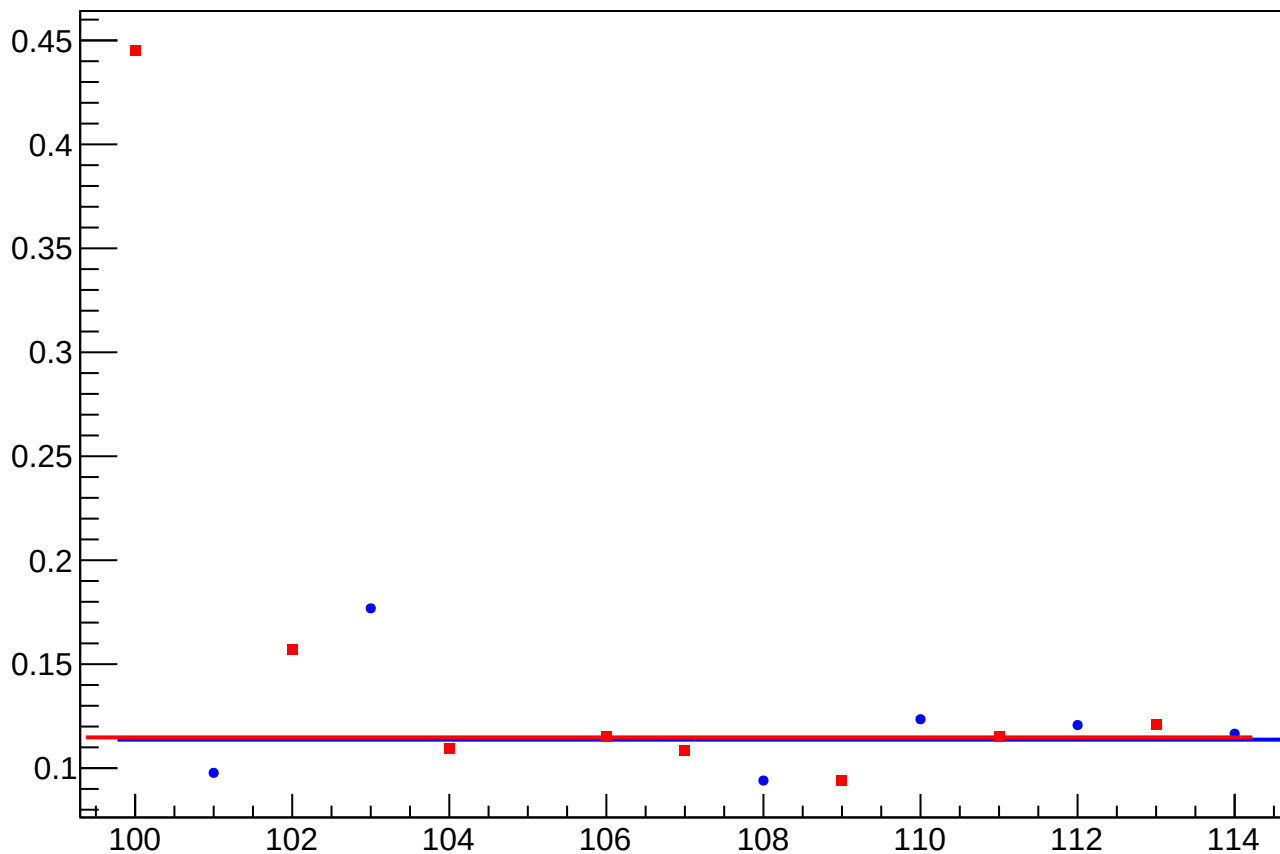
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.044 $\pm$ 0.000 χ^2 /NDF: 266568064.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam4_rms vs Slug



Right In: 0.114+/-0.000 χ^2/NDF : 214278.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.115+/-0.000 χ^2/NDF : 210190.4/7

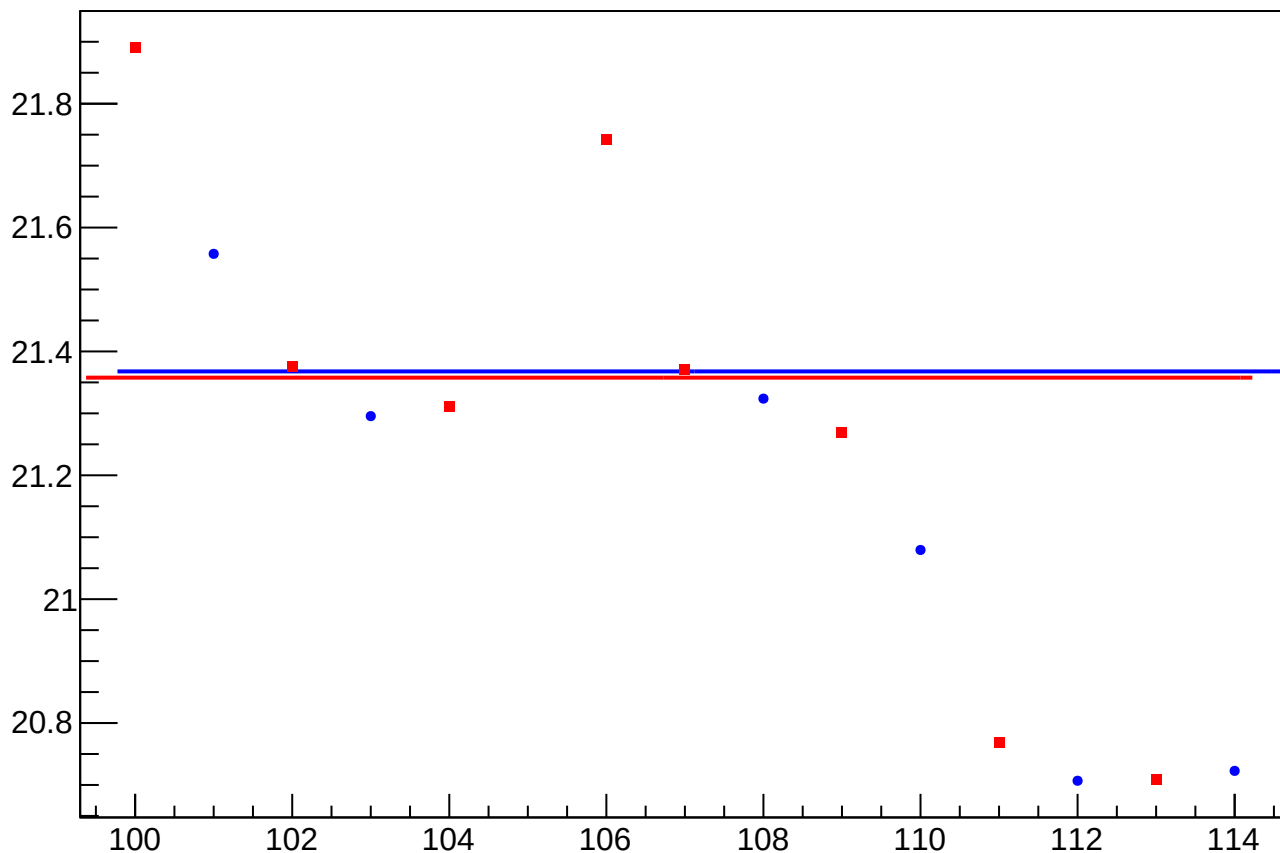
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.000 χ^2/NDF : 424686.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_mean vs Slug



Right In: 21.368+/-0.000 χ^2/NDF : 117102651.0/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.358+/-0.000 χ^2/NDF : 184832928.4/7

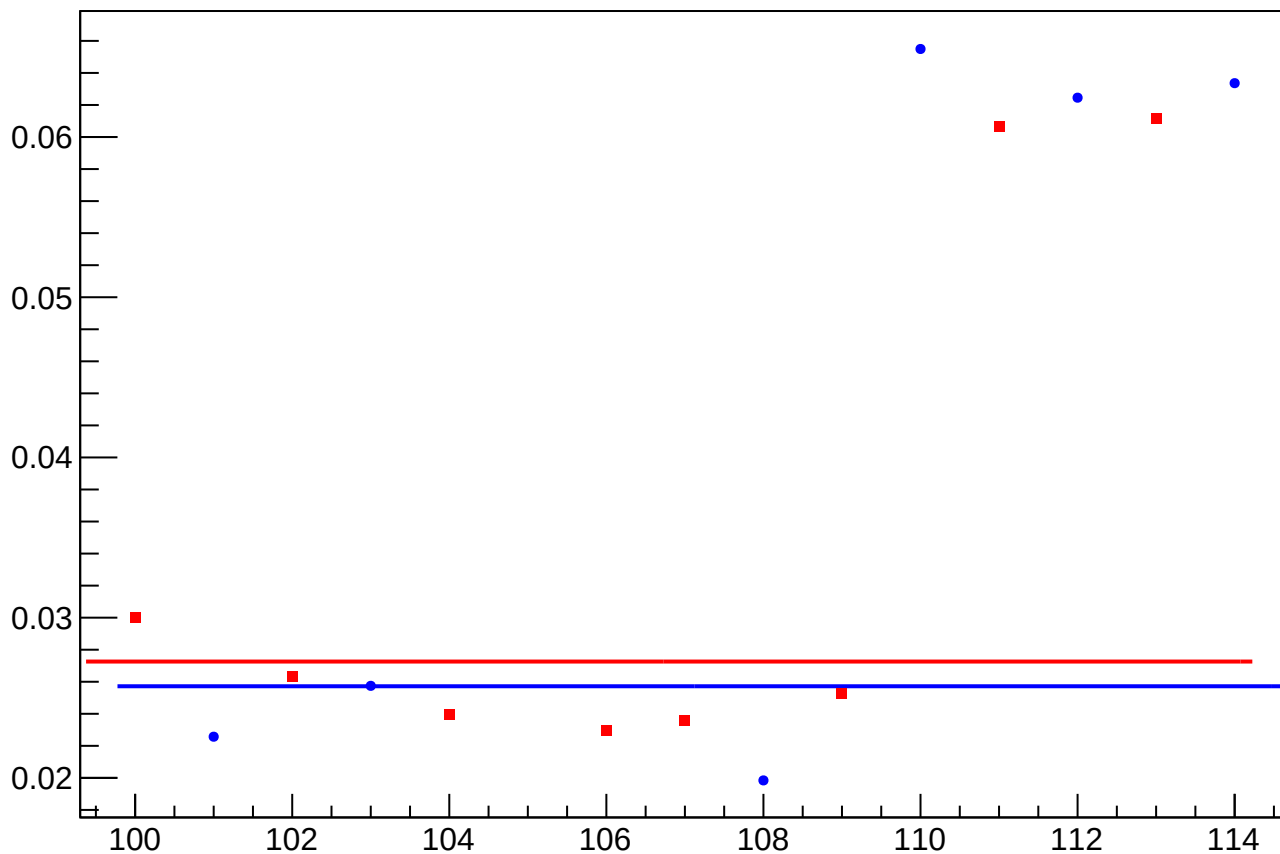
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.362+/-0.000 χ^2/NDF : 302099044.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_rms vs Slug



Right In: 0.026 $\pm$ 0.000 χ^2 /NDF: 718180.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.000 χ^2 /NDF: 577849.9/7

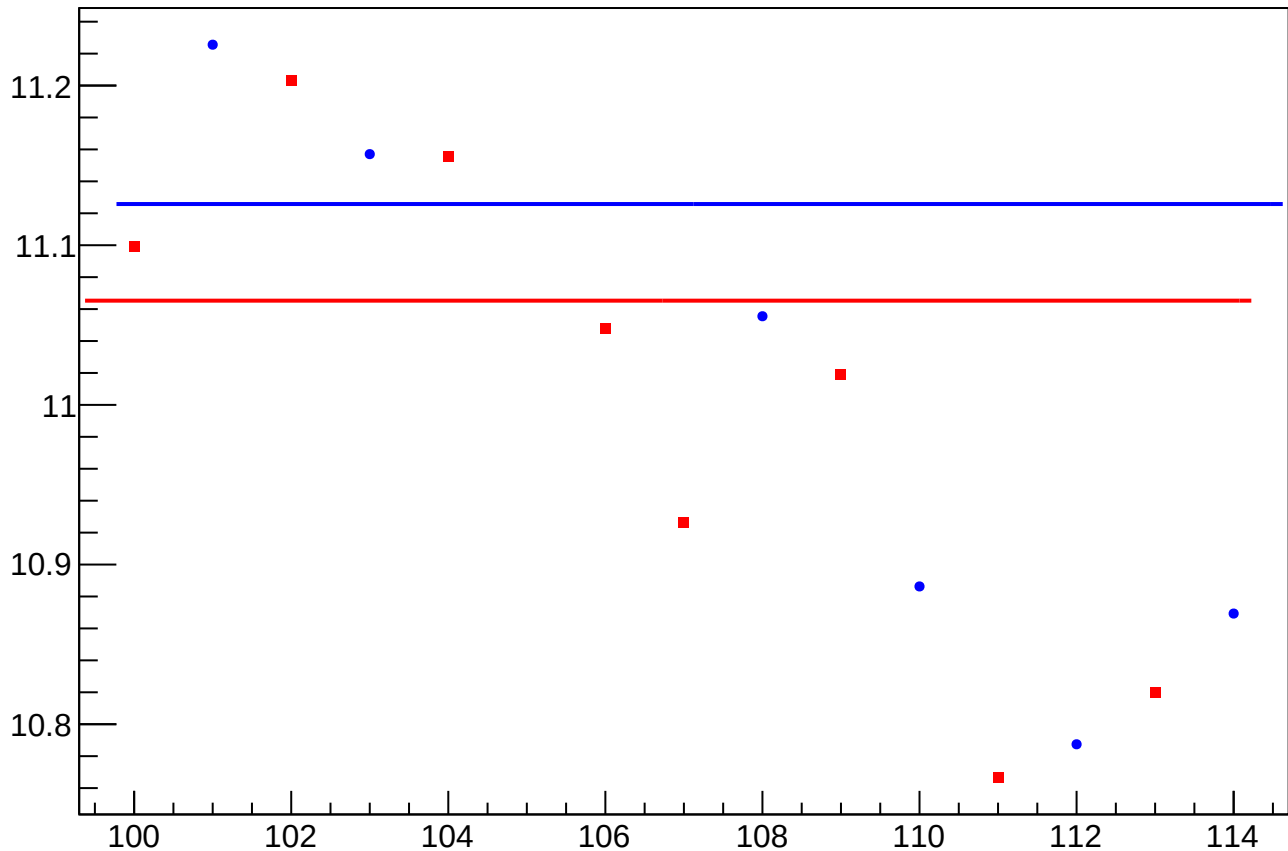
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.000 χ^2 /NDF: 1303702.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam6_mean vs Slug



Right In: 11.126+/-0.000 χ^2/NDF : 268580592.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.065+/-0.000 χ^2/NDF : 284646492.6/7

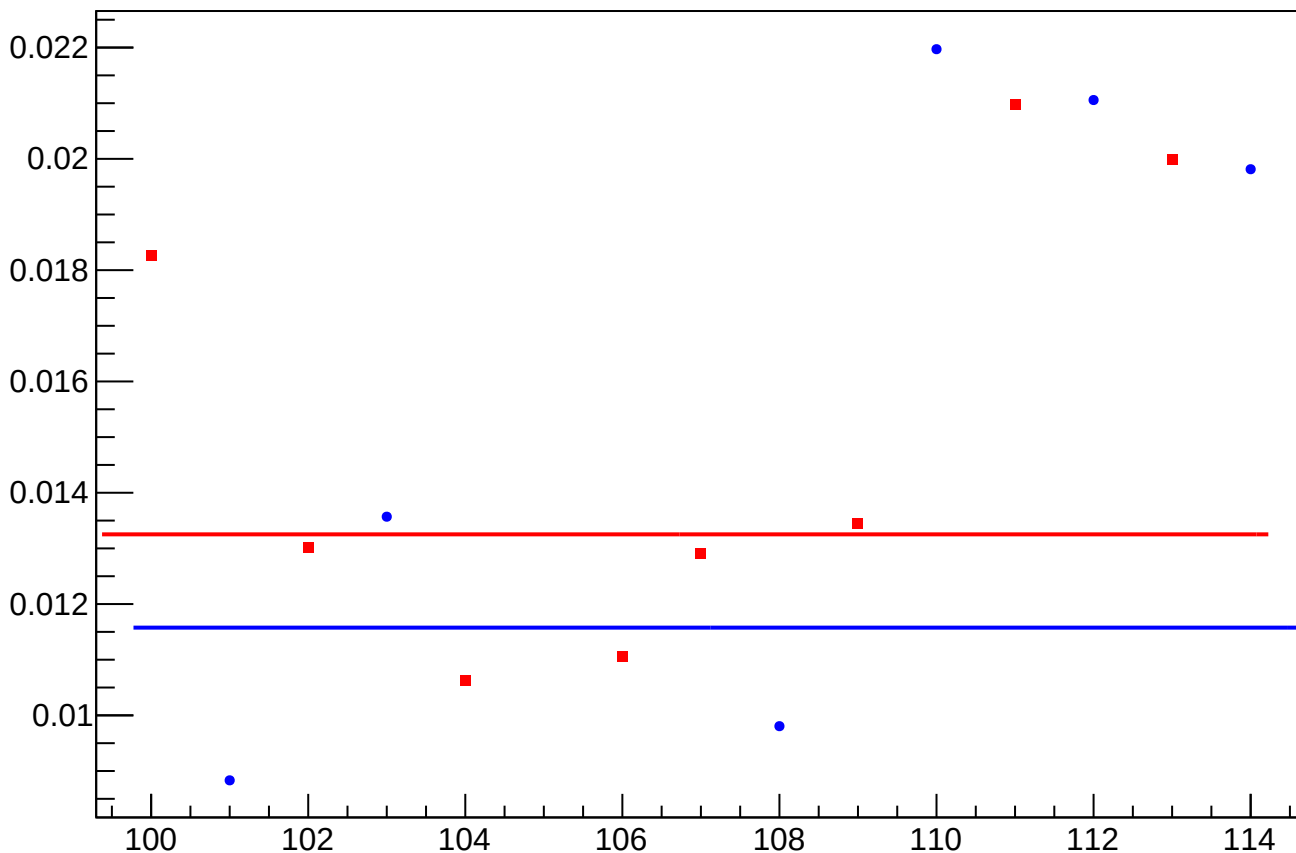
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.096+/-0.000 χ^2/NDF : 581851525.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 527031.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 304376.7/7

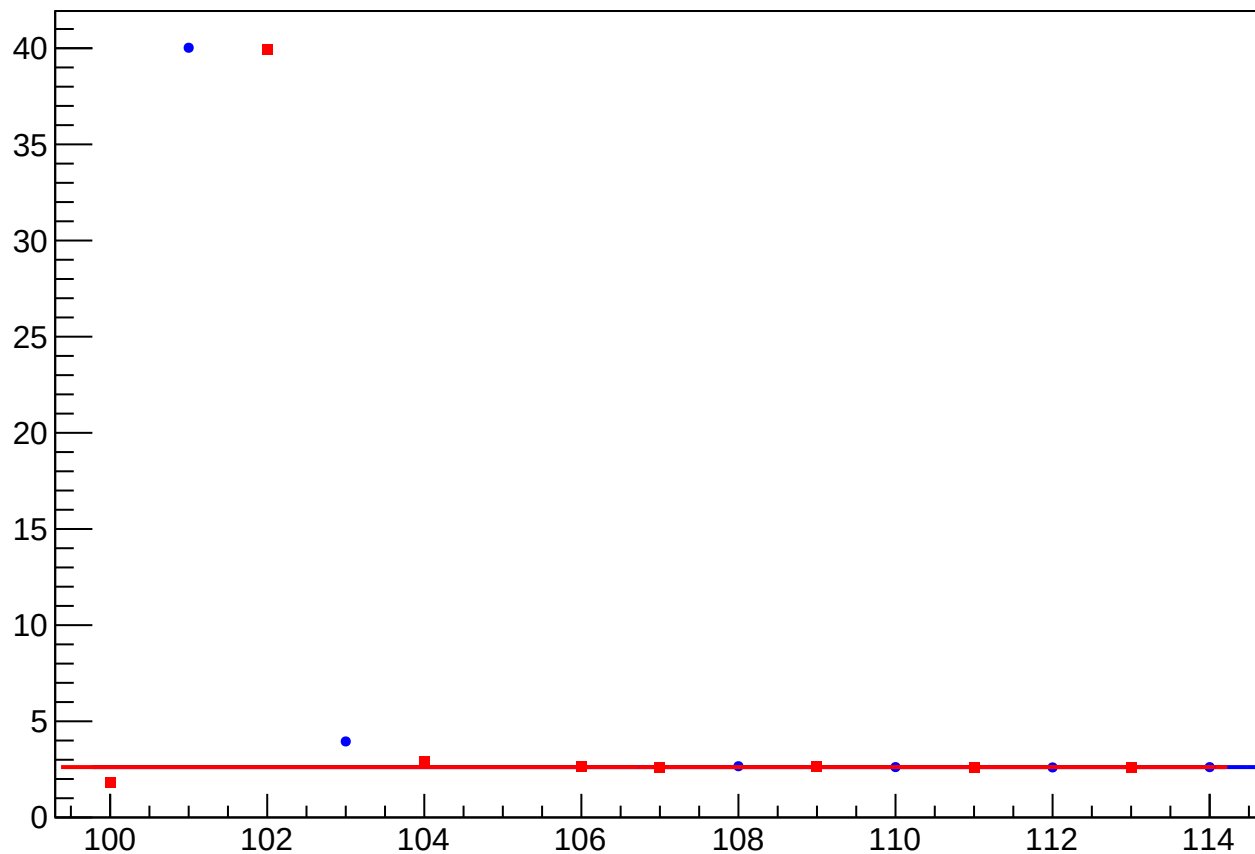
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 875332.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_mean vs Slug



Right In: 2.618+/-0.000 χ^2/NDF : 62122603448.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.619+/-0.000 χ^2/NDF : 60558899702.0/7

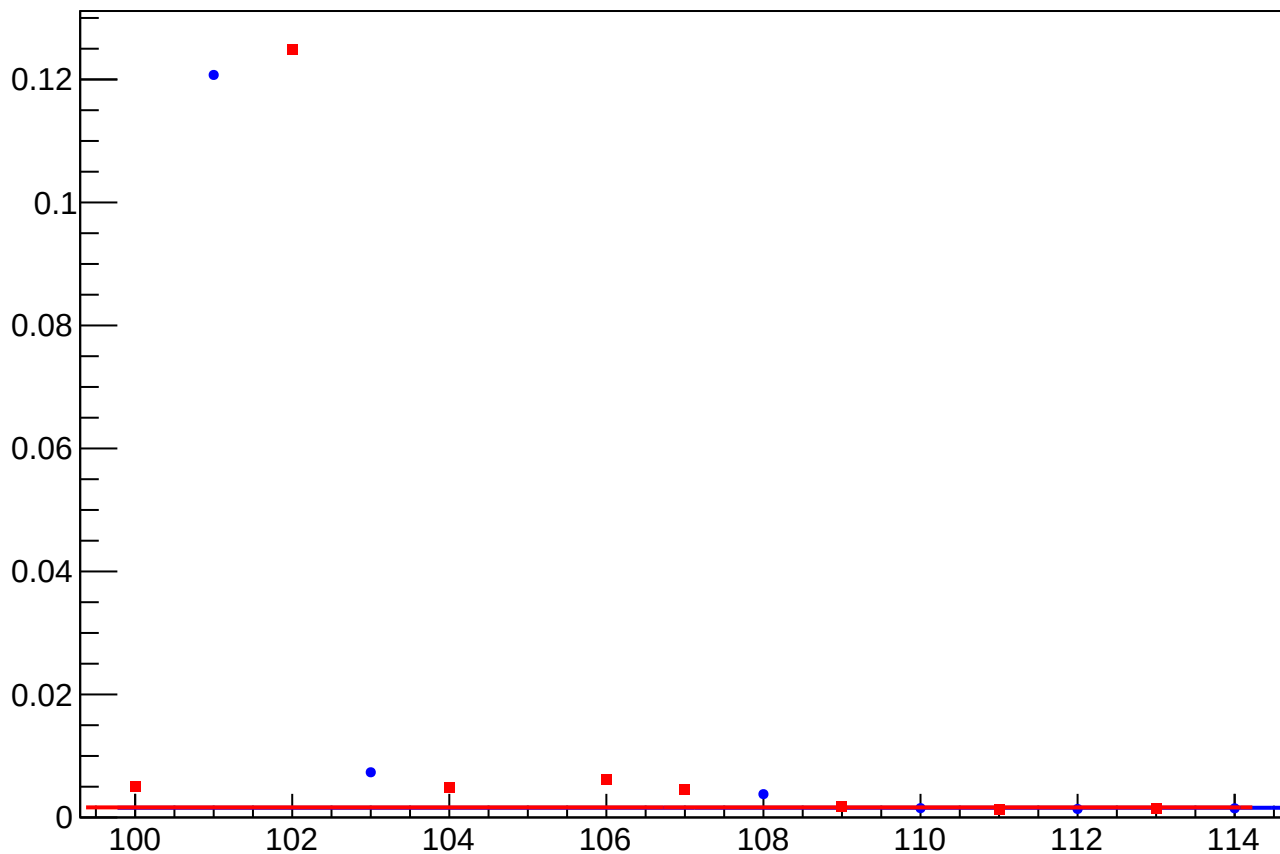
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.619+/-0.000 χ^2/NDF : 122681863581.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1531571.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2100580.2/7

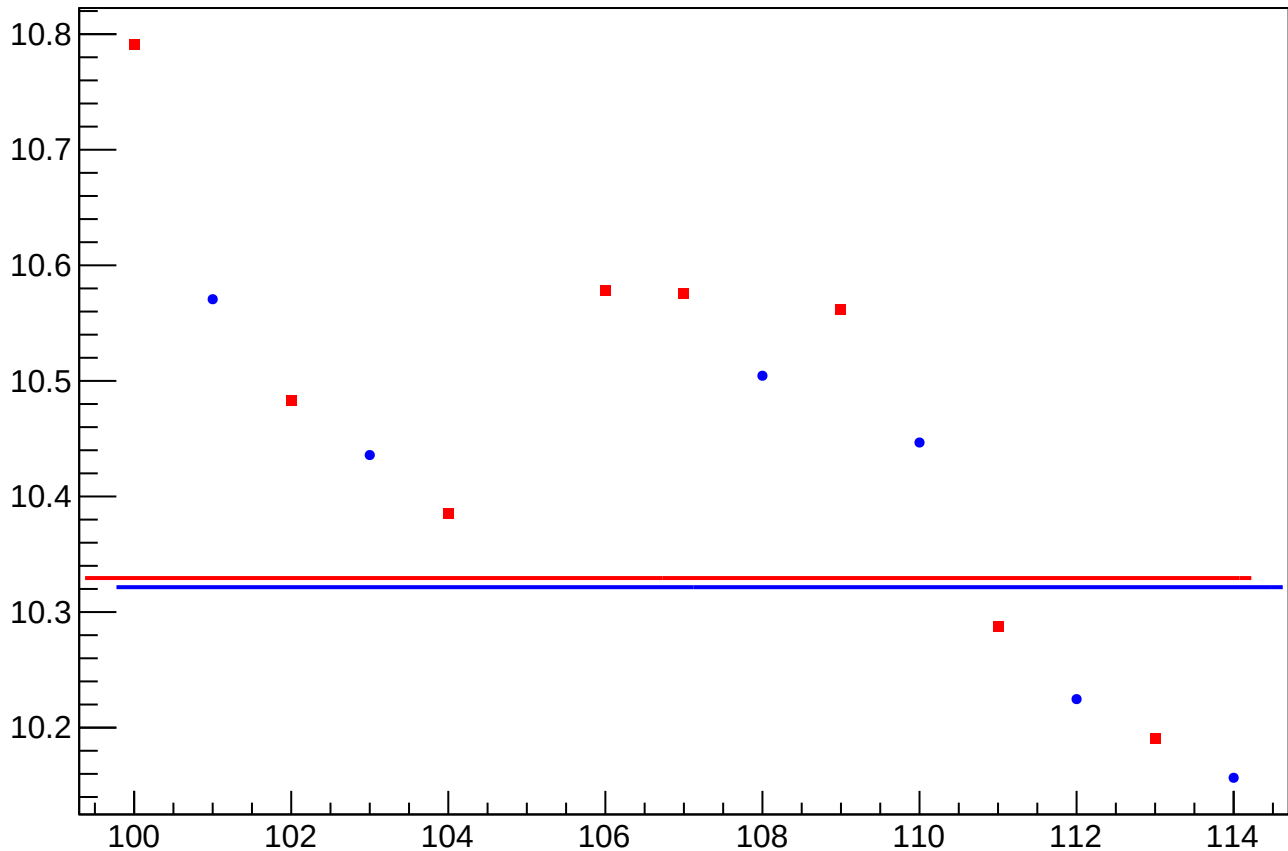
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 3634260.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam8_mean vs Slug



Right In: 10.322+/-0.000 χ^2/NDF : 1475246529.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.329+/-0.000 χ^2/NDF : 2123406609.9/7

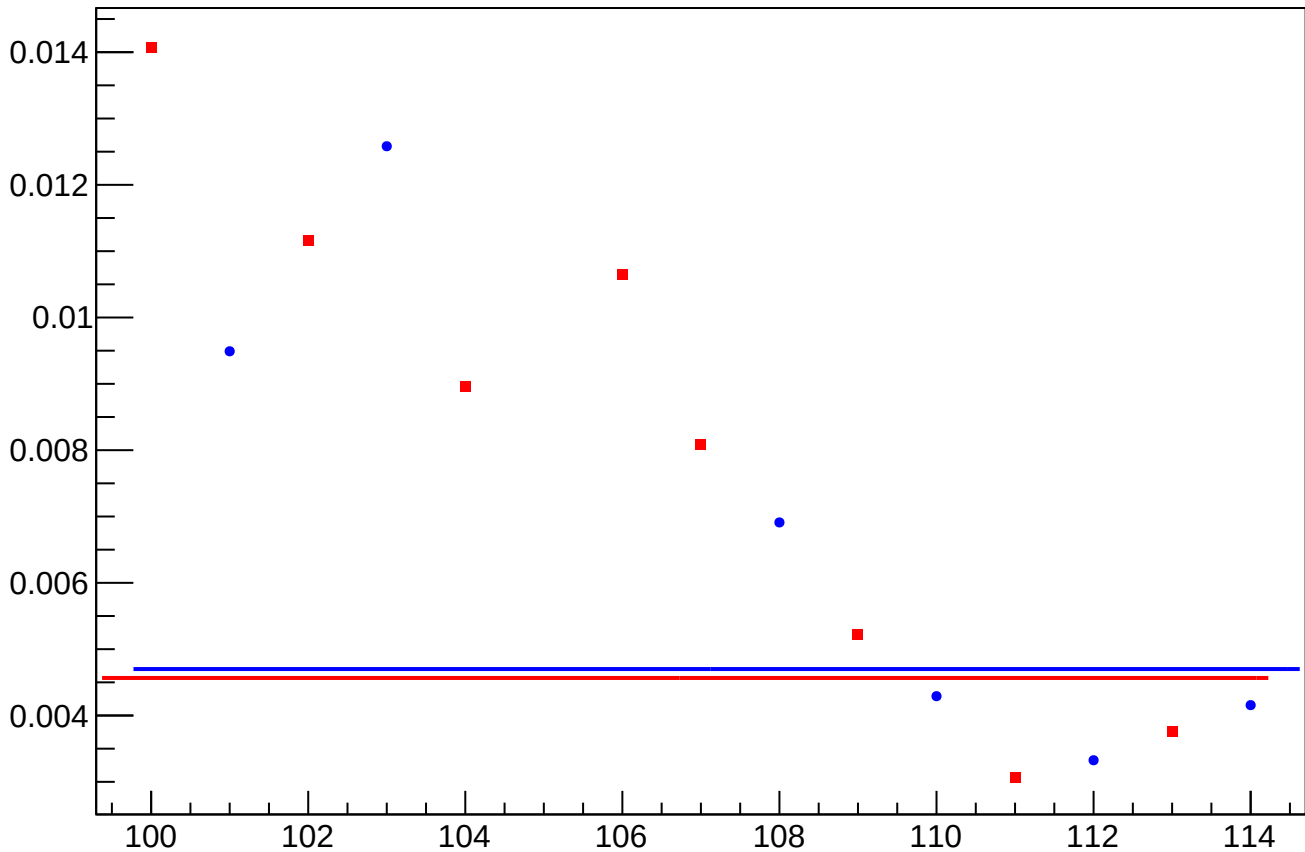
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.326+/-0.000 χ^2/NDF : 3601621420.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_rms vs Slug



Right In: 0.005 $\pm$ 0.000 χ^2 /NDF: 957880.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 1212478.1/7

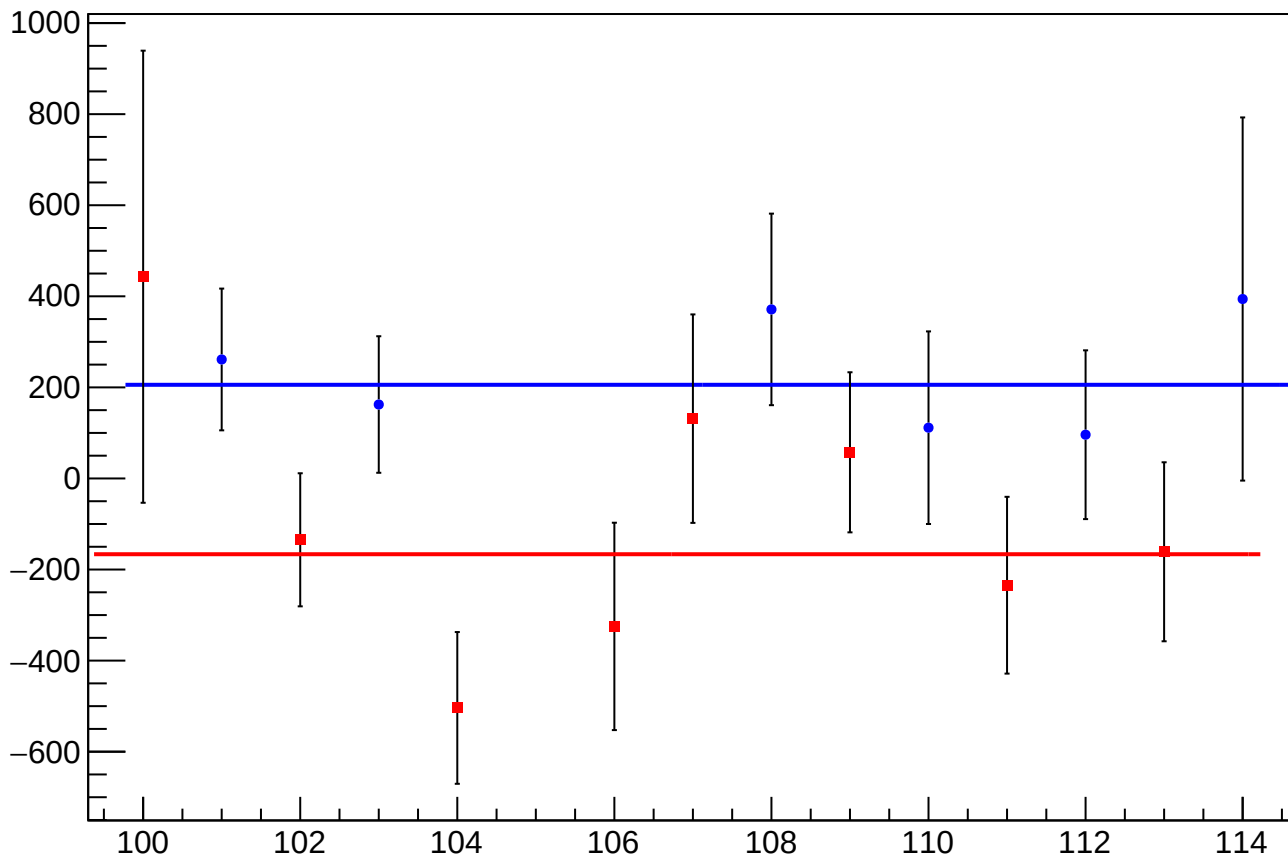
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 2172079.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 205.673 $\pm$ 77.580 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -166.373 $\pm$ -68.993 χ^2 /NDF: 9.6/7

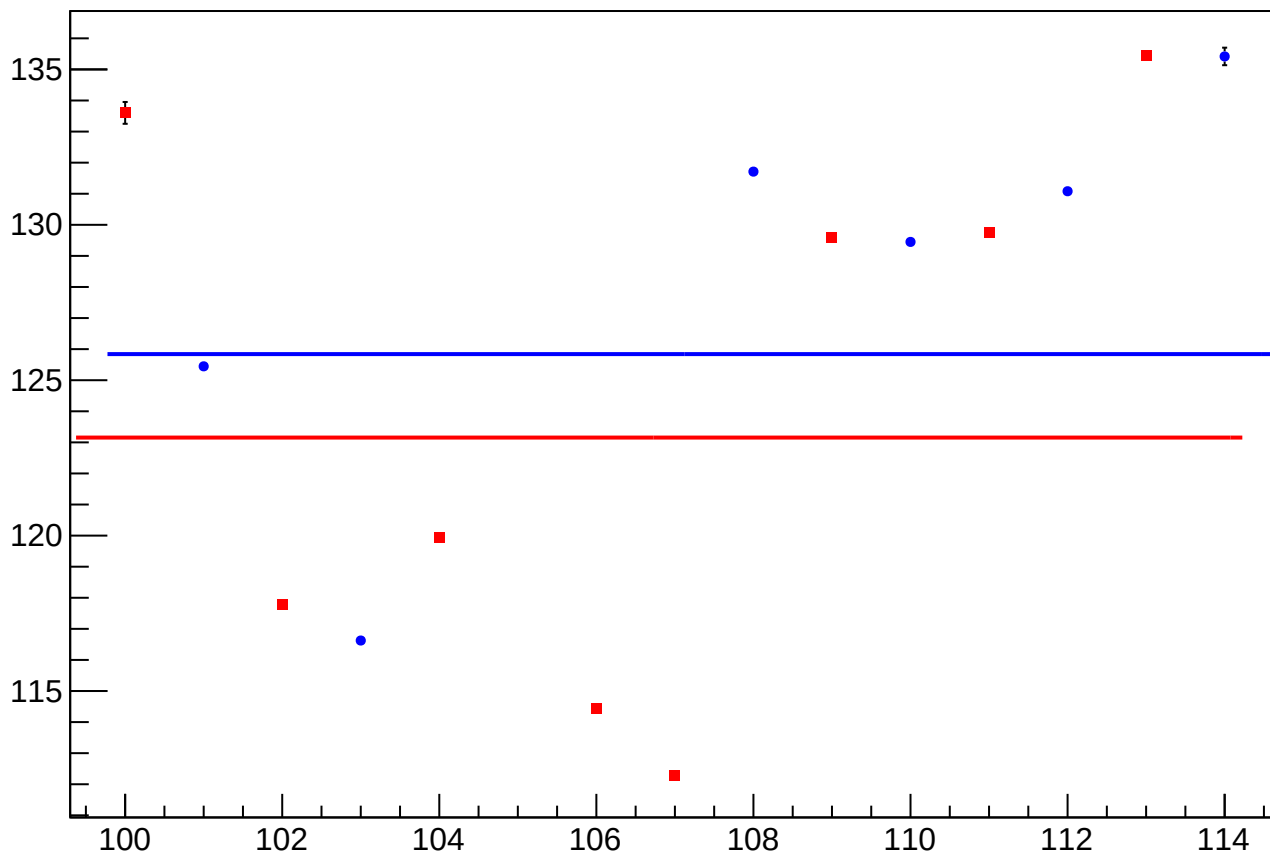
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -2.070 $\pm$ -51.555 χ^2 /NDF: 24.0/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 125.840 $\pm$ 0.055 χ^2 /NDF: 12465.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.155 $\pm$ 0.049 χ^2 /NDF: 24615.1/7

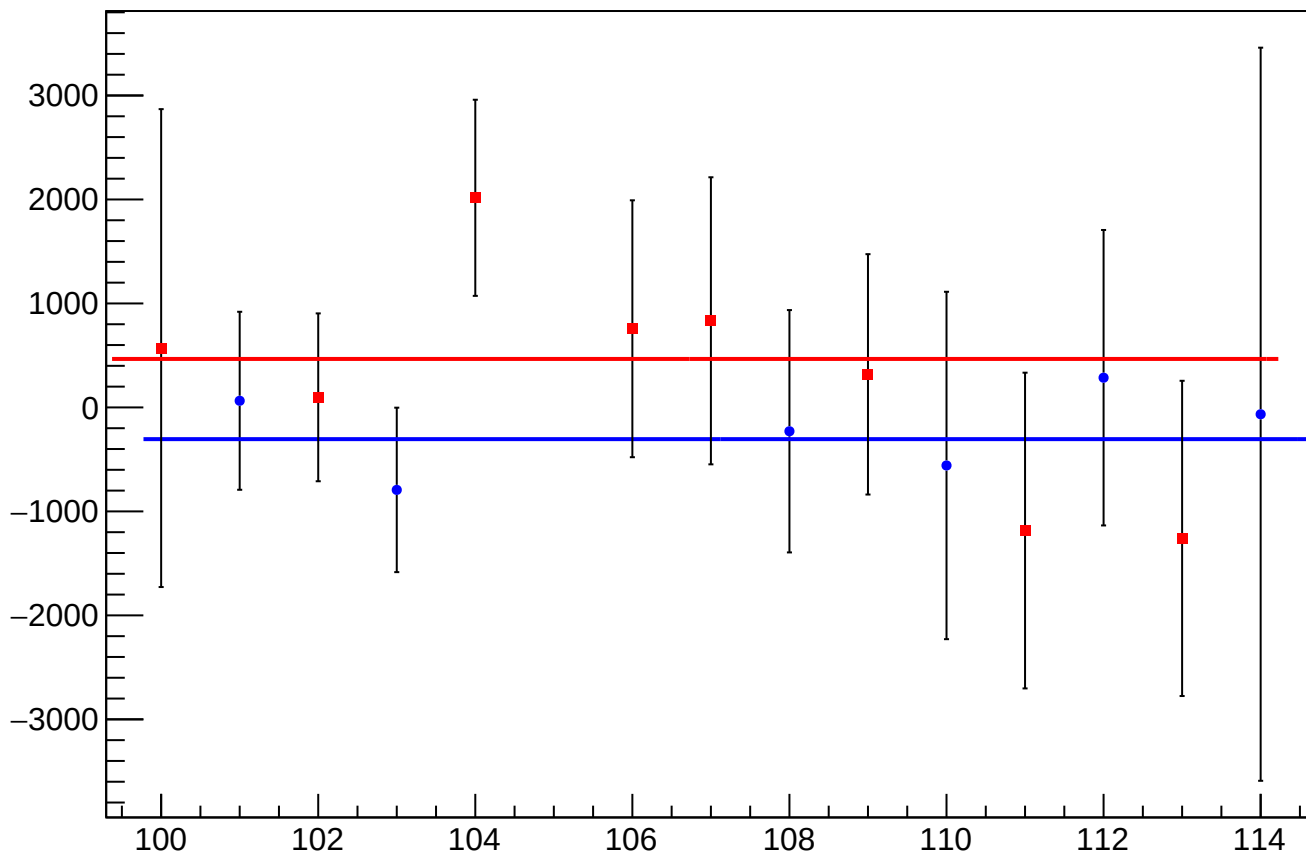
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.341 $\pm$ 0.036 χ^2 /NDF: 38418.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_correction_mean vs Slug



Right In: -305.053+/-464.533 χ^2/NDF : 0.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.271+/-420.870 χ^2/NDF : 5.5/7

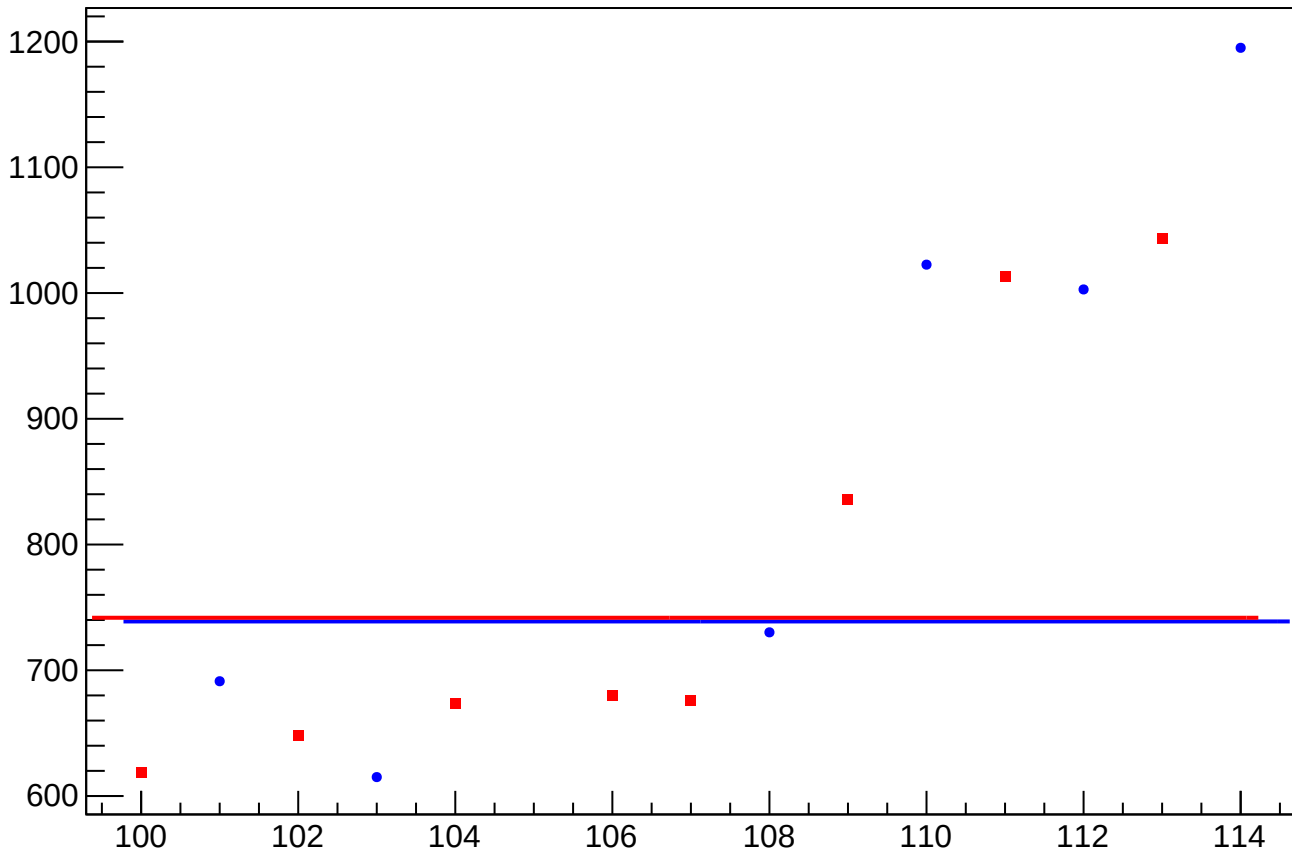
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.554+/-311.897 χ^2/NDF : 7.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 738.831+/-0.328 χ^2/NDF : 215531.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.769+/-0.298 χ^2/NDF : 209198.8/7

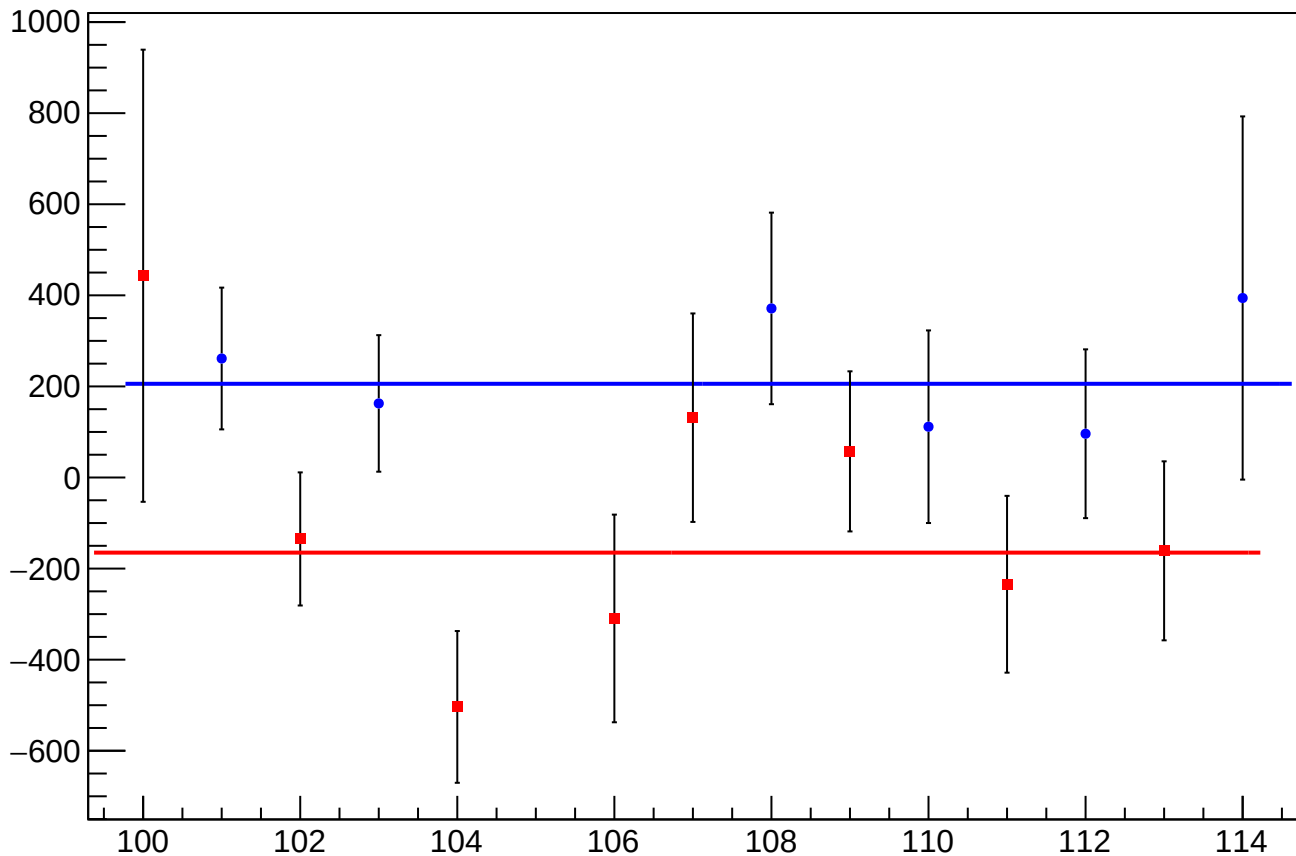
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.444+/-0.221 χ^2/NDF : 424774.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 205.750 $\pm$ 77.580 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -164.954 $\pm$ 69.003 χ^2 /NDF: 9.5/7

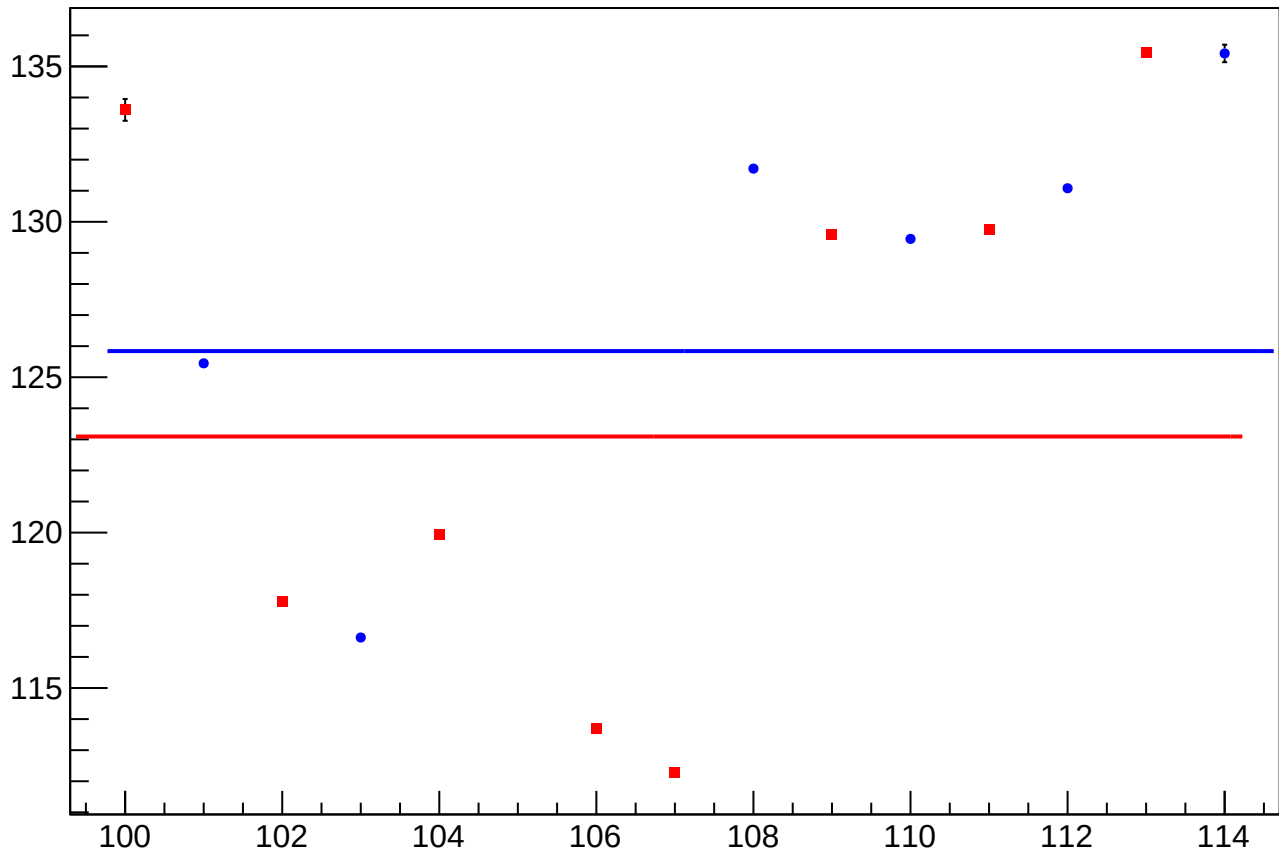
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.218 $\pm$ 51.559 χ^2 /NDF: 23.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 125.840 $\pm$ 0.055 χ^2 /NDF: 12465.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.092 $\pm$ 0.049 χ^2 /NDF: 25108.9/7

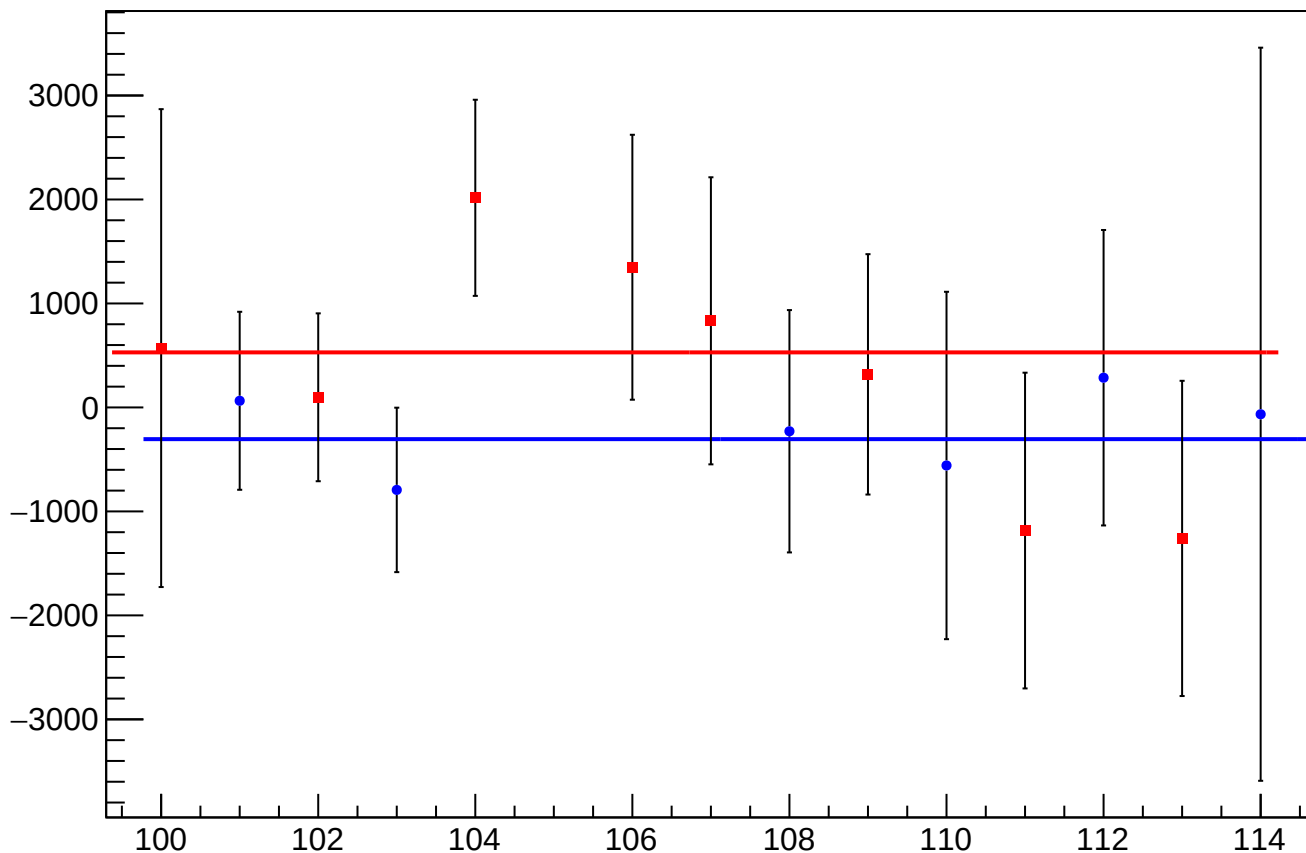
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.306 $\pm$ 0.036 χ^2 /NDF: 38975.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_cor_correction_mean vs Slug



Right In: -305.029+/-464.532 χ^2/NDF : 0.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.417+/-422.346 χ^2/NDF : 5.9/7

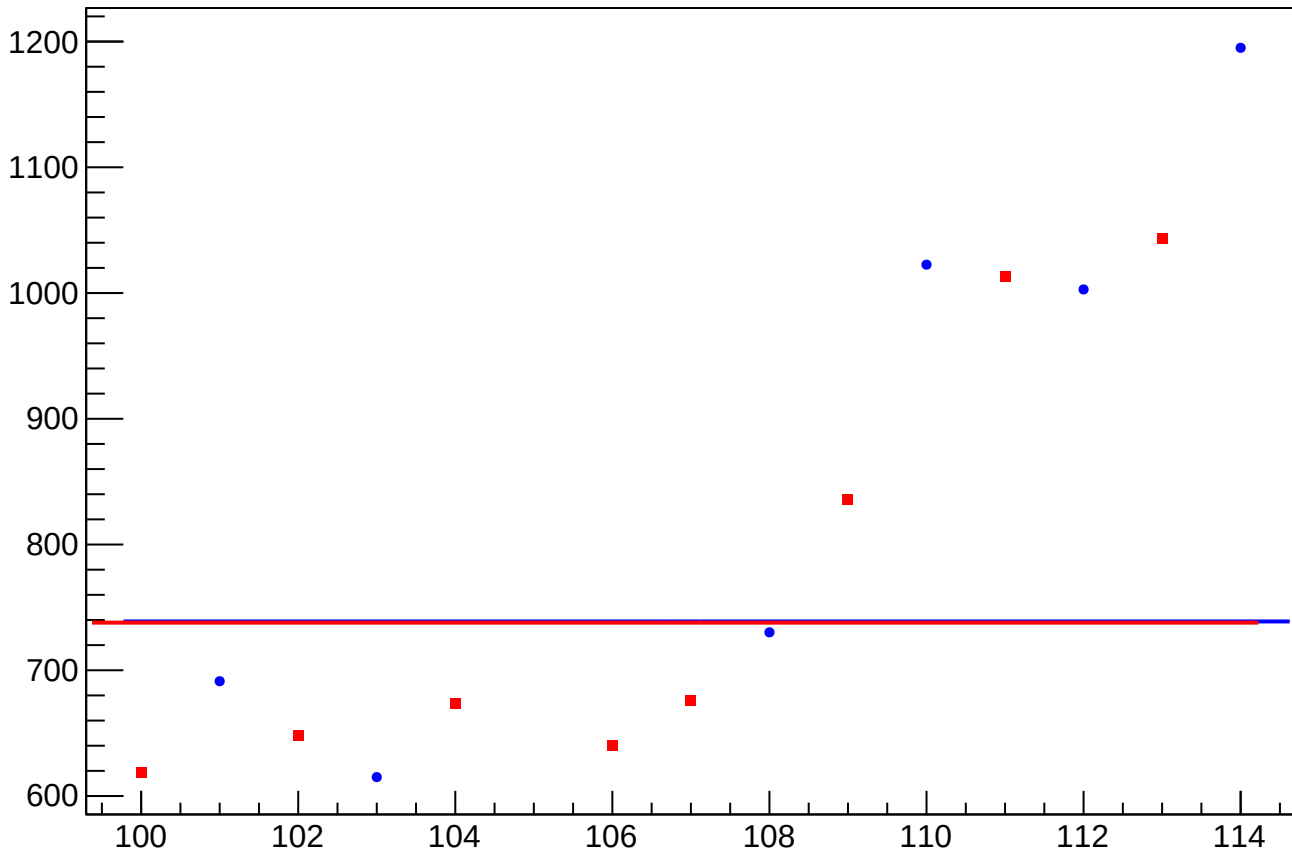
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.796+/-312.496 χ^2/NDF : 8.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 738.829 $\pm$ 0.328 χ^2 /NDF: 215537.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 737.895 $\pm$ 0.299 χ^2 /NDF: 216632.4/7

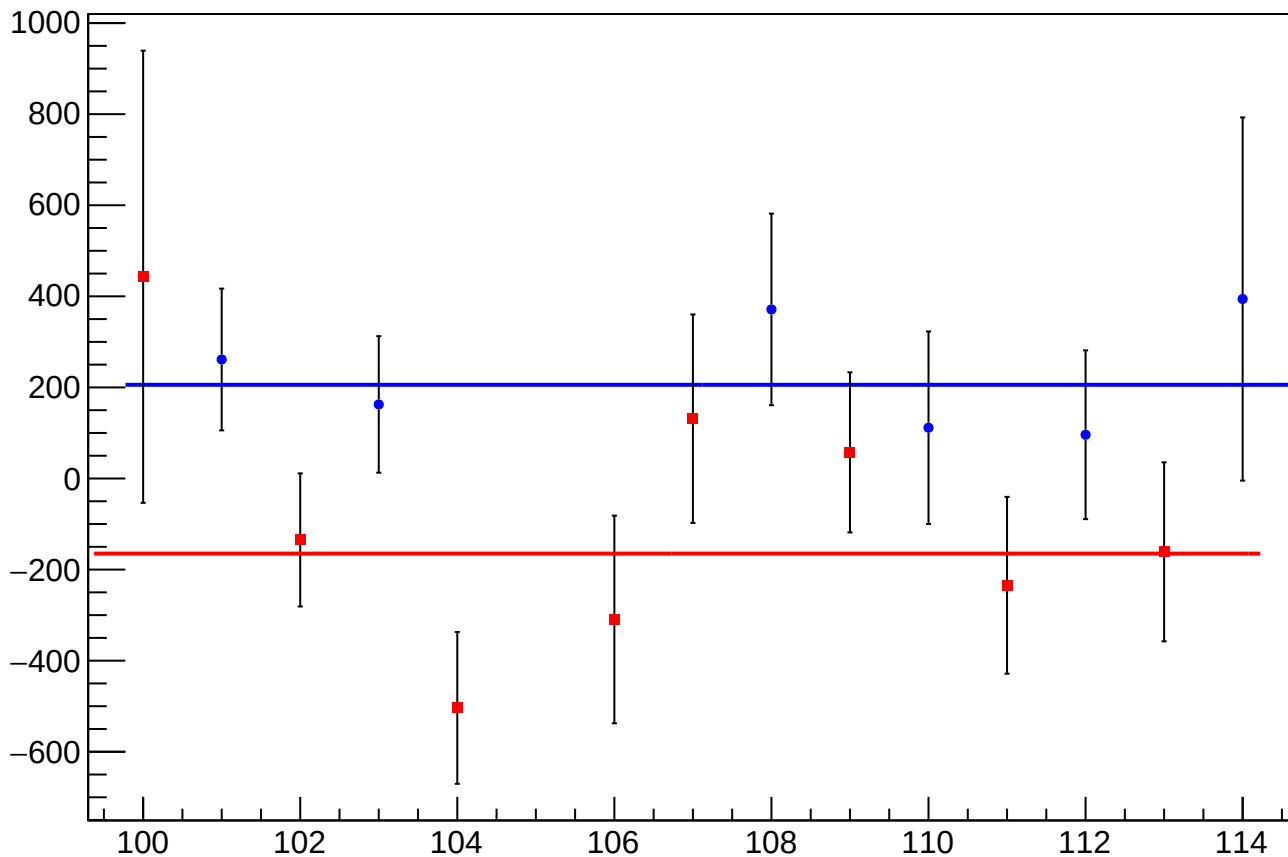
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 738.318 $\pm$ 0.221 χ^2 /NDF: 432173.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 205.750 $\pm$ 77.580 χ^2 /NDF: 1.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -164.954 $\pm$ 69.003 χ^2 /NDF: 9.5/7

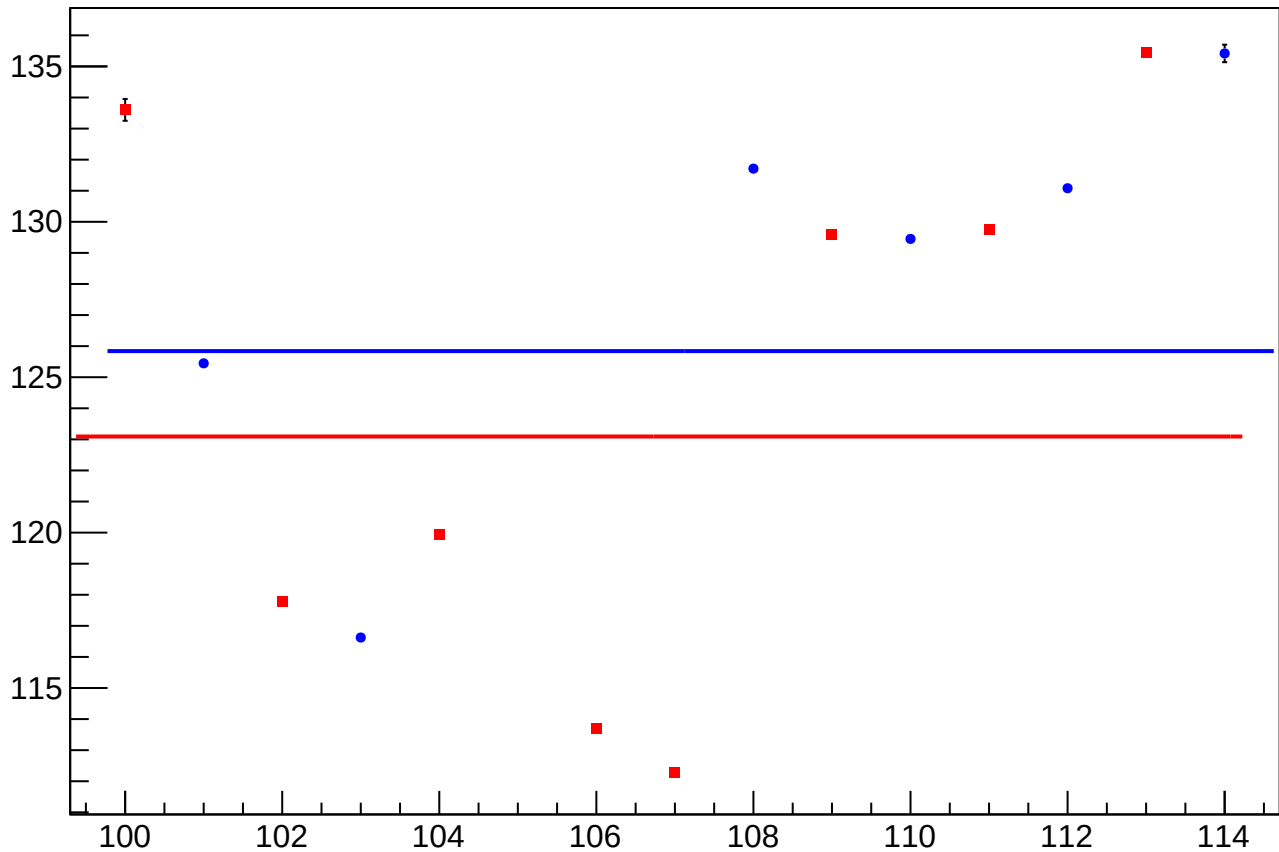
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.218 $\pm$ 51.559 χ^2 /NDF: 23.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 125.840 $\pm$ 0.055 χ^2 /NDF: 12465.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.092 $\pm$ 0.049 χ^2 /NDF: 25108.9/7

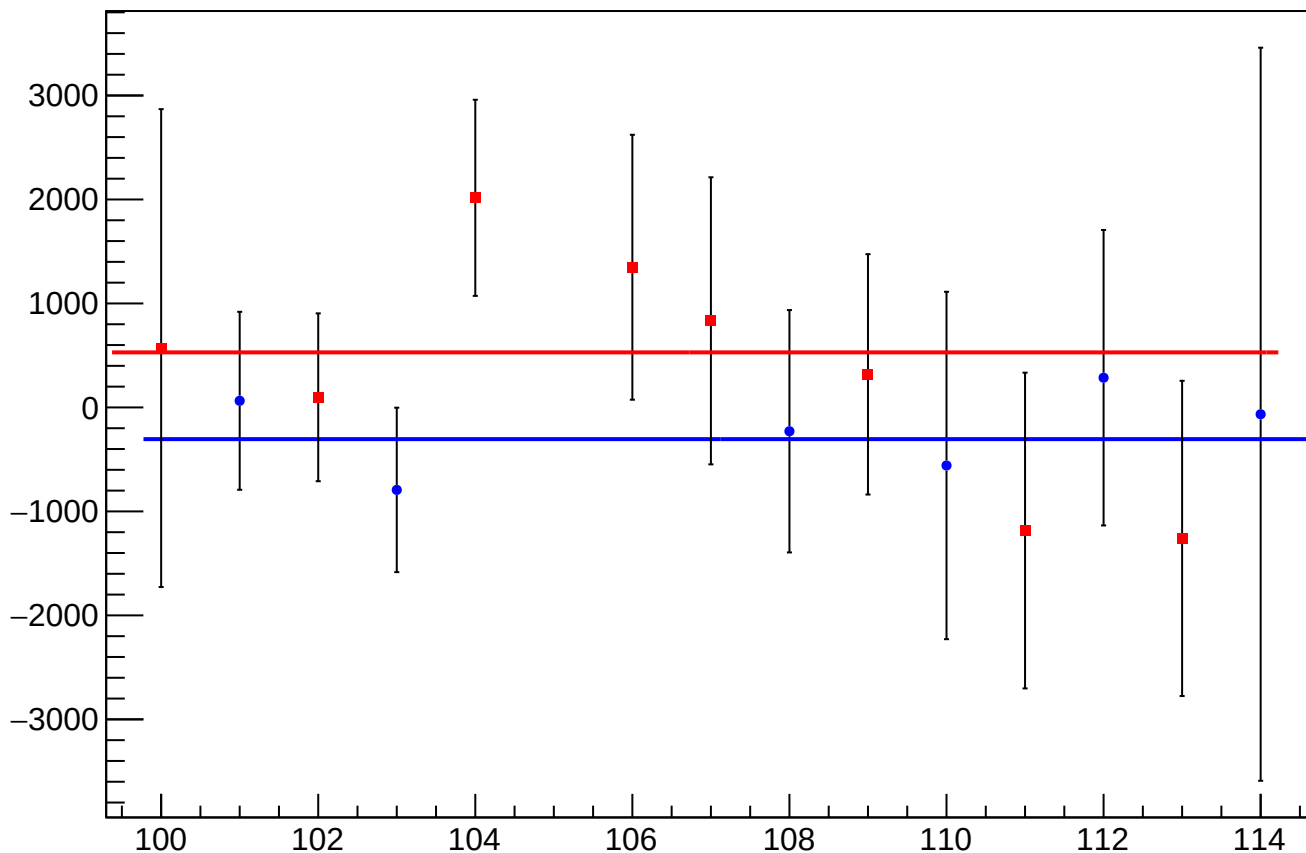
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.306 $\pm$ 0.036 χ^2 /NDF: 38975.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -305.029+/-464.532 χ^2/NDF : 0.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.417+/-422.346 χ^2/NDF : 5.9/7

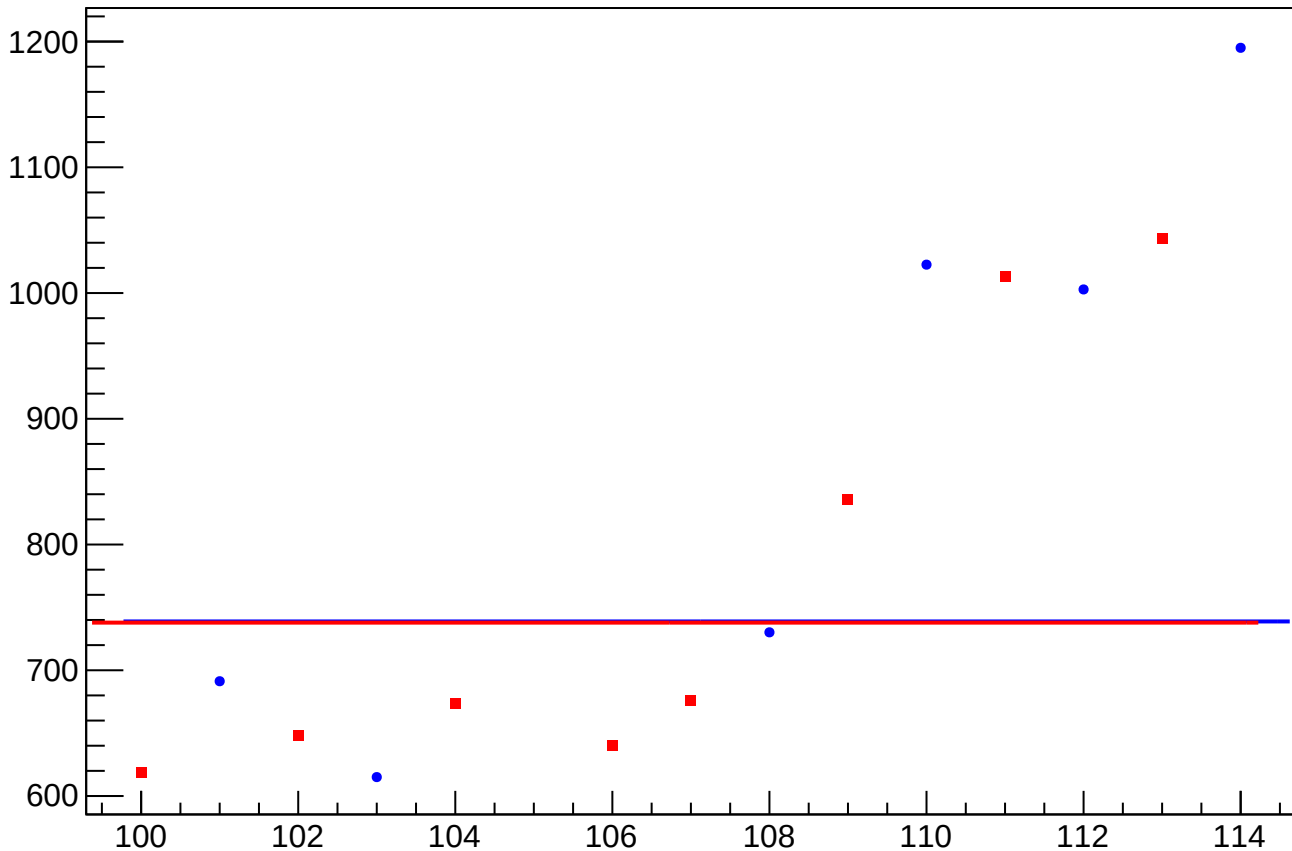
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.796+/-312.496 χ^2/NDF : 8.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 738.829+/-0.328 χ^2/NDF : 215537.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.895+/-0.299 χ^2/NDF : 216632.4/7

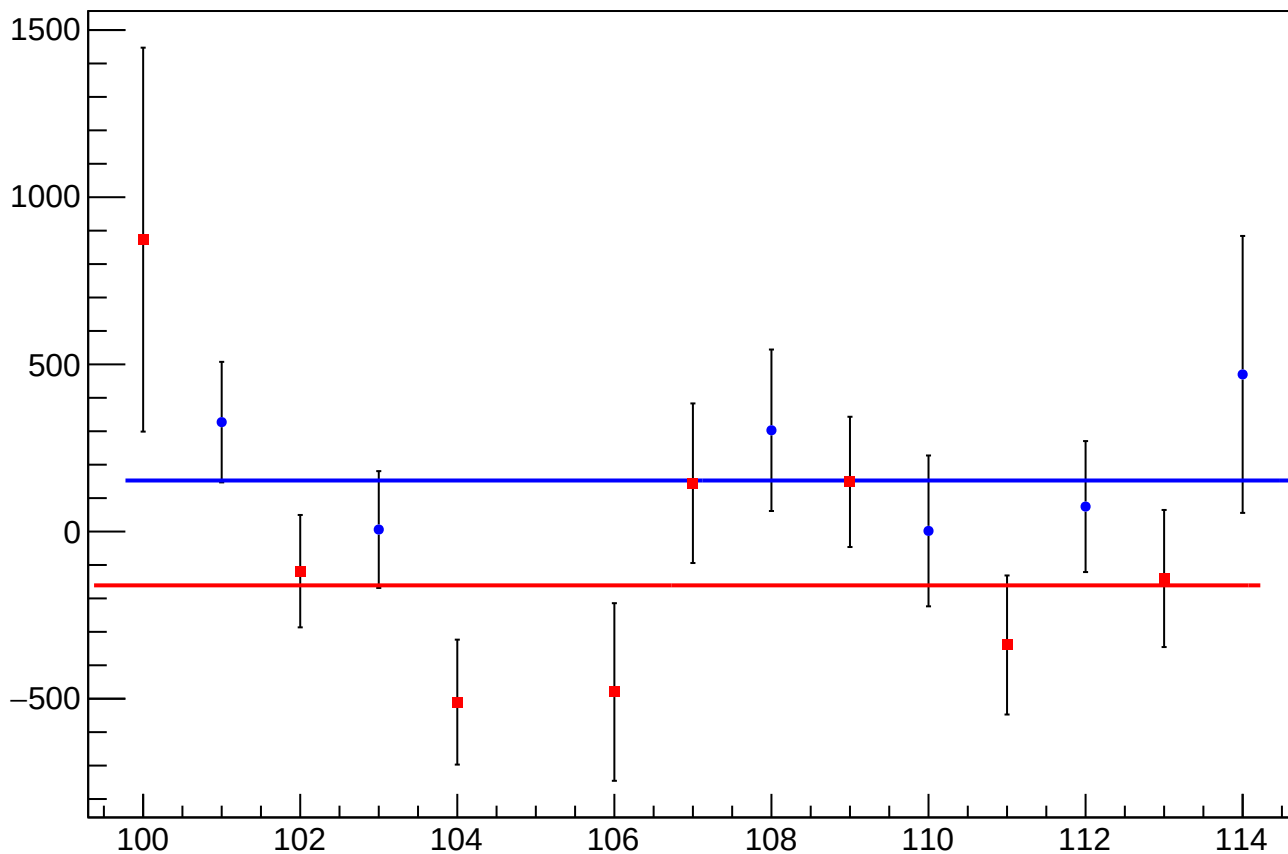
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.318+/-0.221 χ^2/NDF : 432173.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 152.694 $\pm$ 86.961 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -160.954 $\pm$ 76.235 χ^2 /NDF: 13.1/7

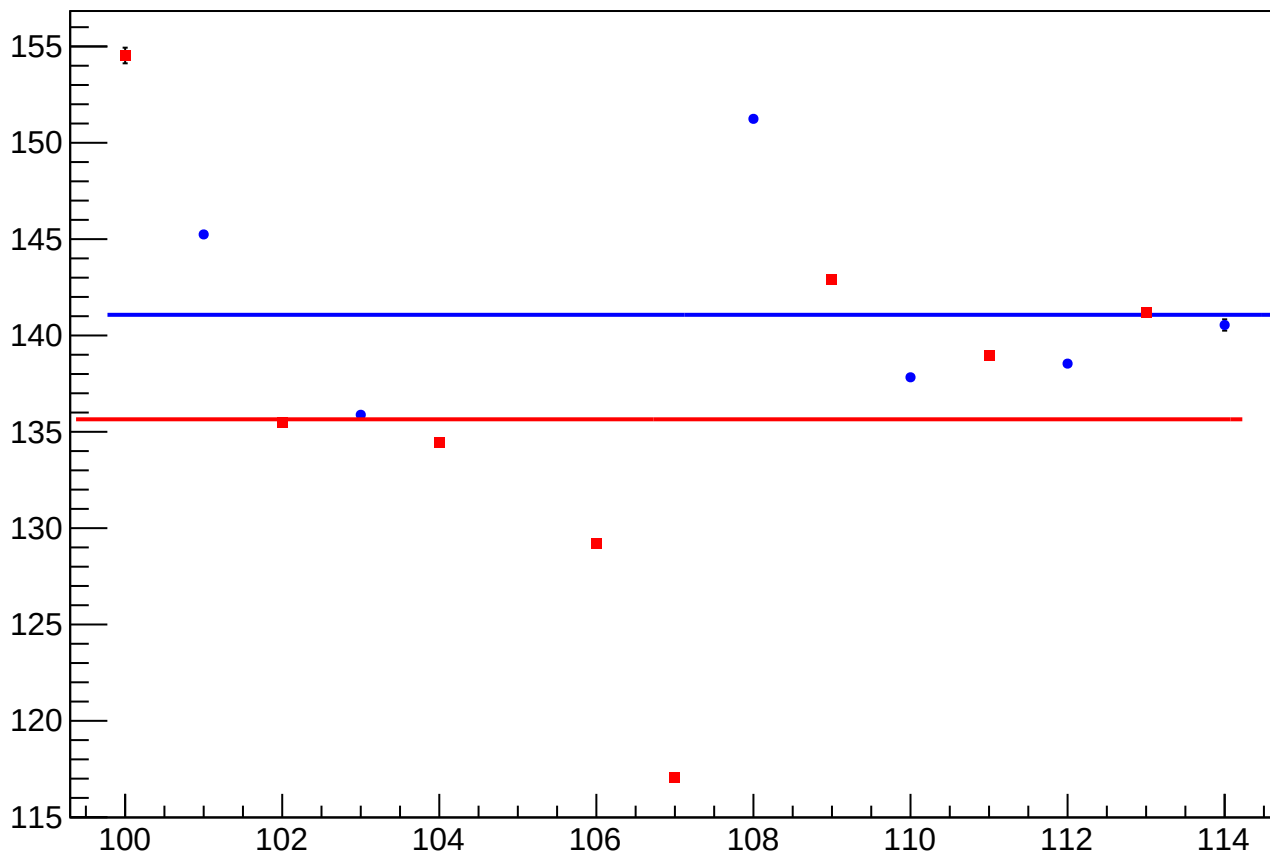
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.657 $\pm$ 57.326 χ^2 /NDF: 23.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 141.072 $\pm$ 0.061 χ^2 /NDF: 7134.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.649 $\pm$ 0.054 χ^2 /NDF: 20292.5/7

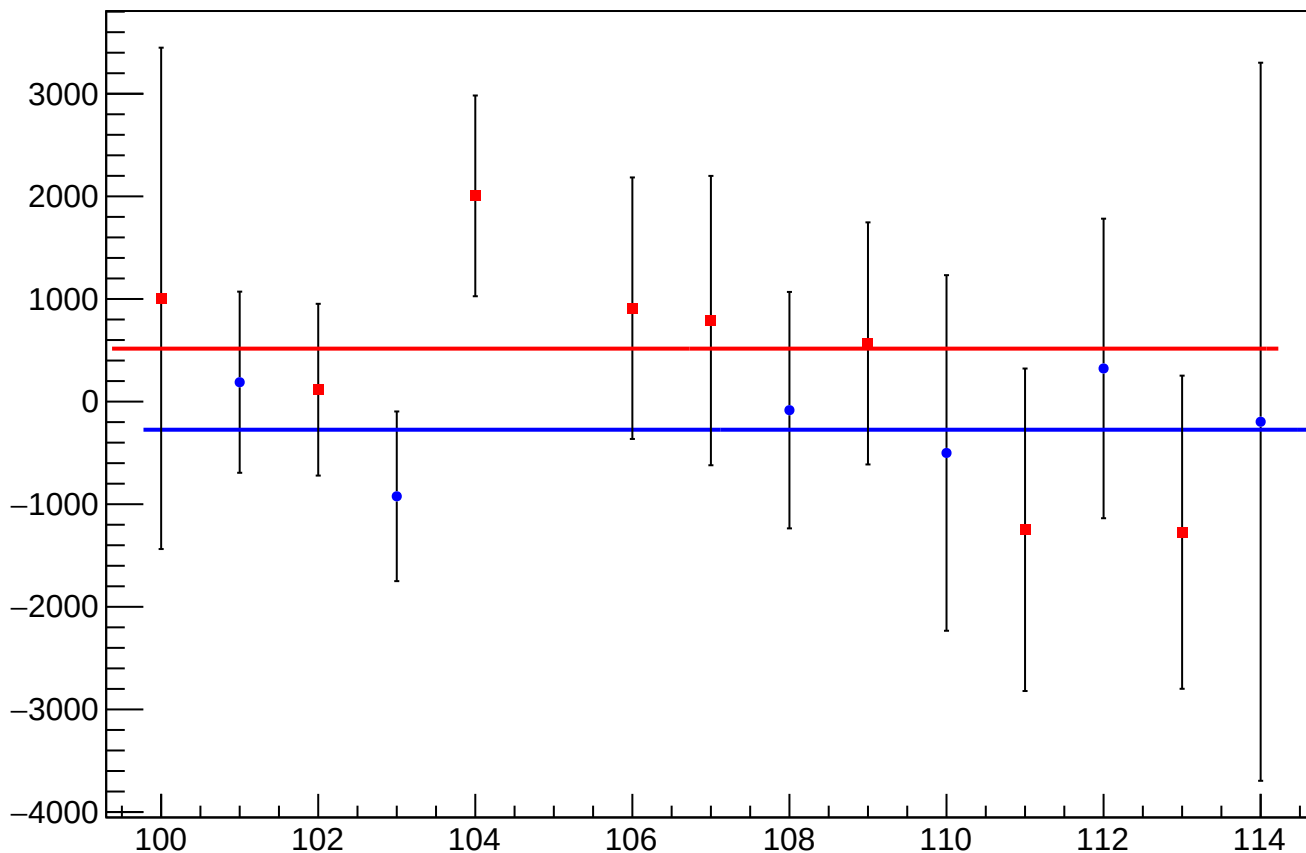
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.006 $\pm$ 0.041 χ^2 /NDF: 31824.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -274.143+/-477.605 χ^2/NDF : 1.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.164+/-433.873 χ^2/NDF : 5.4/7

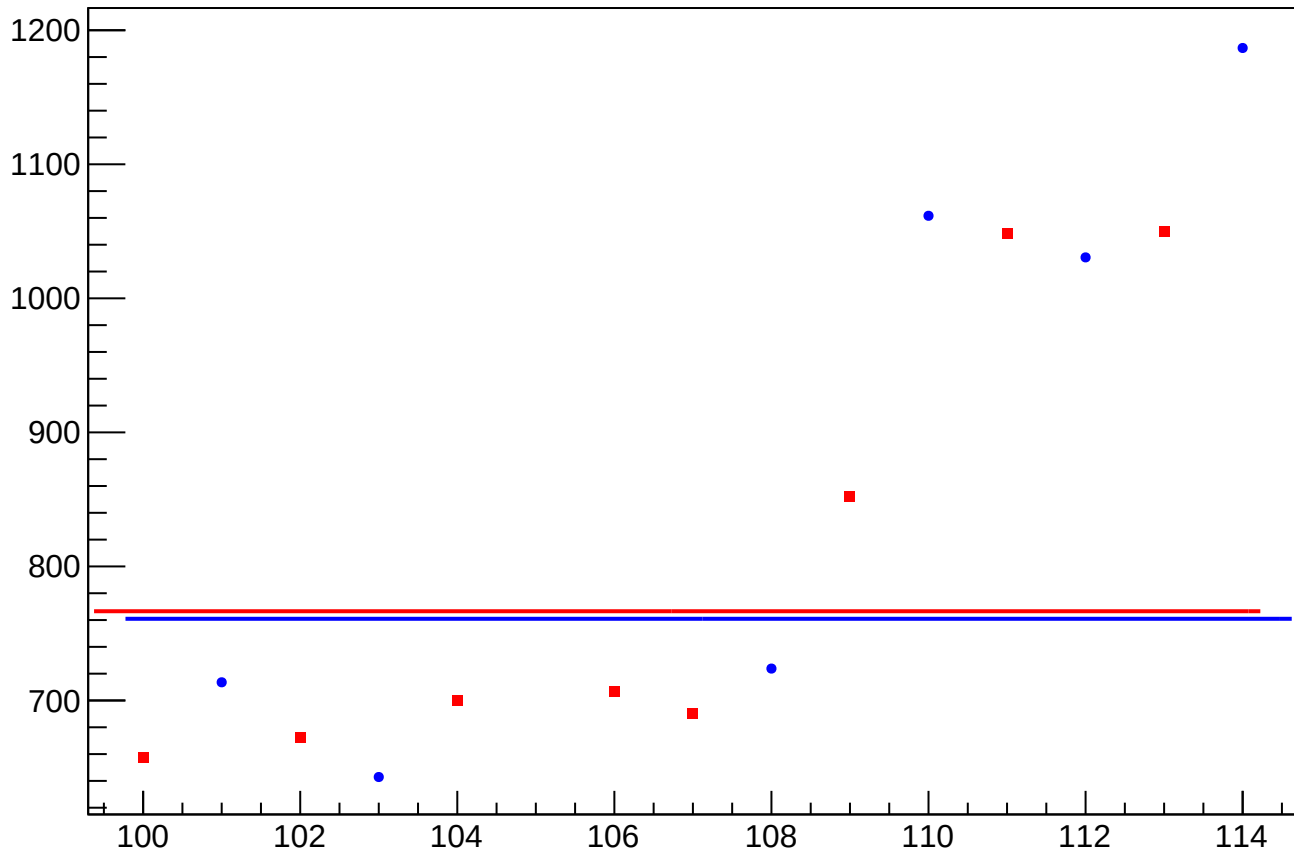
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.842+/-321.145 χ^2/NDF : 8.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 760.938+/-0.338 χ^2/NDF : 206679.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.572+/-0.307 χ^2/NDF : 192974.4/7

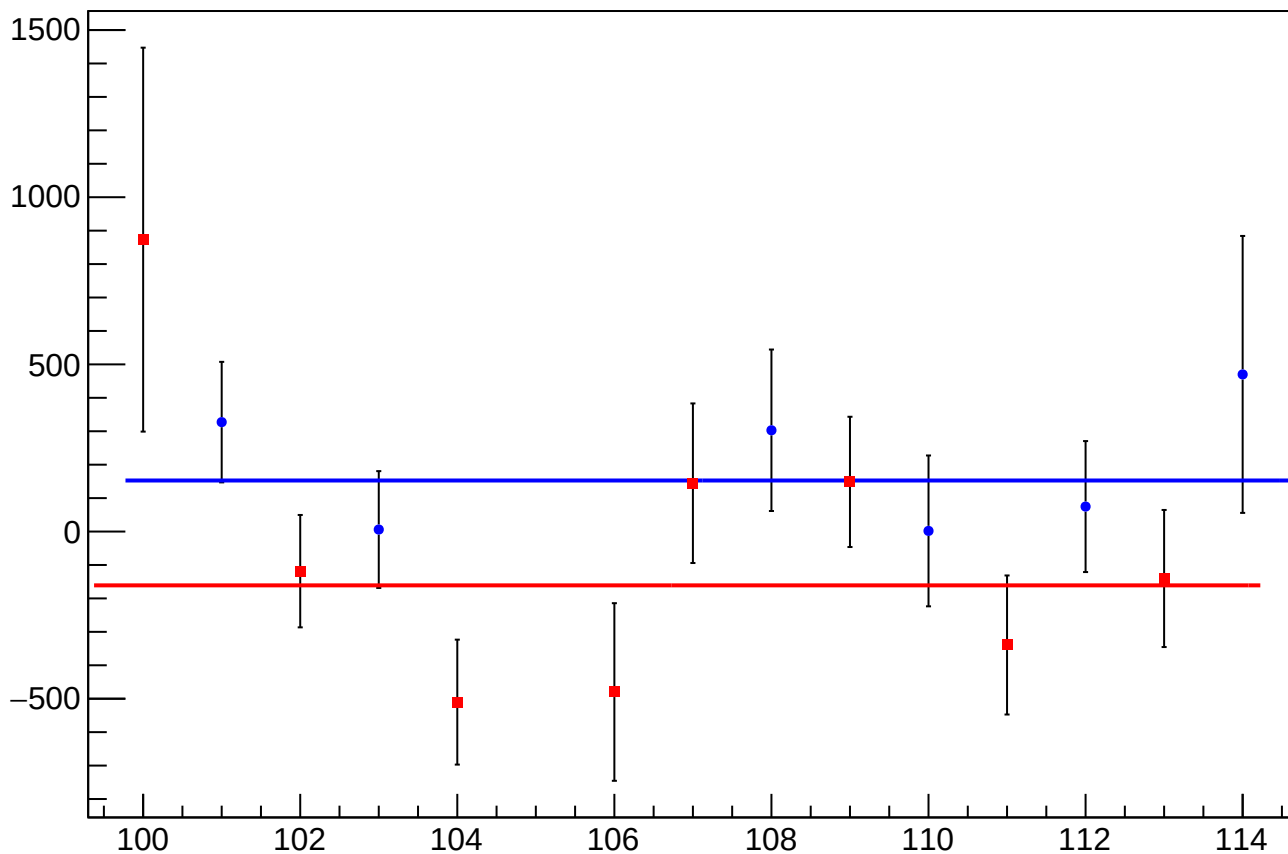
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.025+/-0.227 χ^2/NDF : 399806.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 152.694 $\pm$ 86.961 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -160.953 $\pm$ -76.235 χ^2 /NDF: 13.1/7

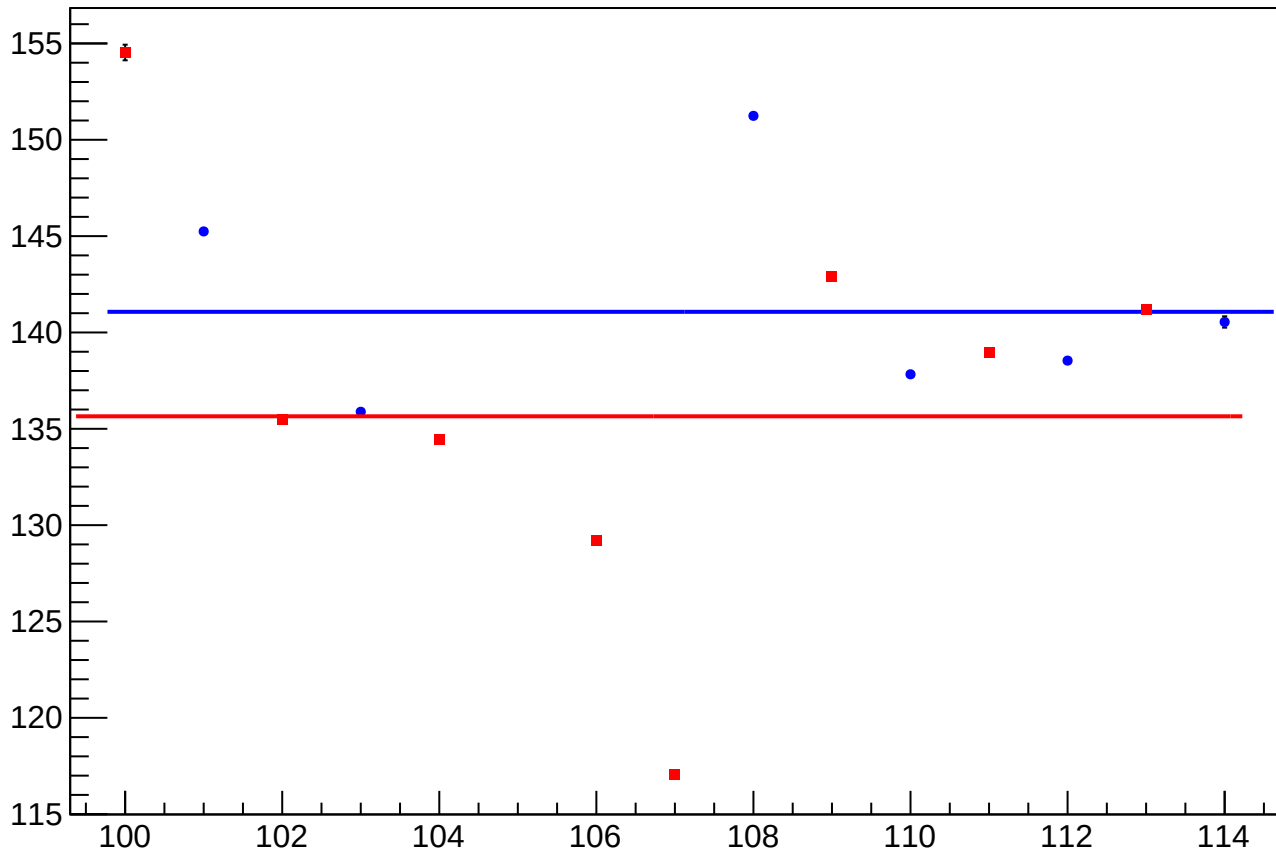
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -24.656 $\pm$ -57.326 χ^2 /NDF: 23.7/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 141.072 $\pm$ 0.061 χ^2 /NDF: 7134.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.649 $\pm$ 0.054 χ^2 /NDF: 20292.1/7

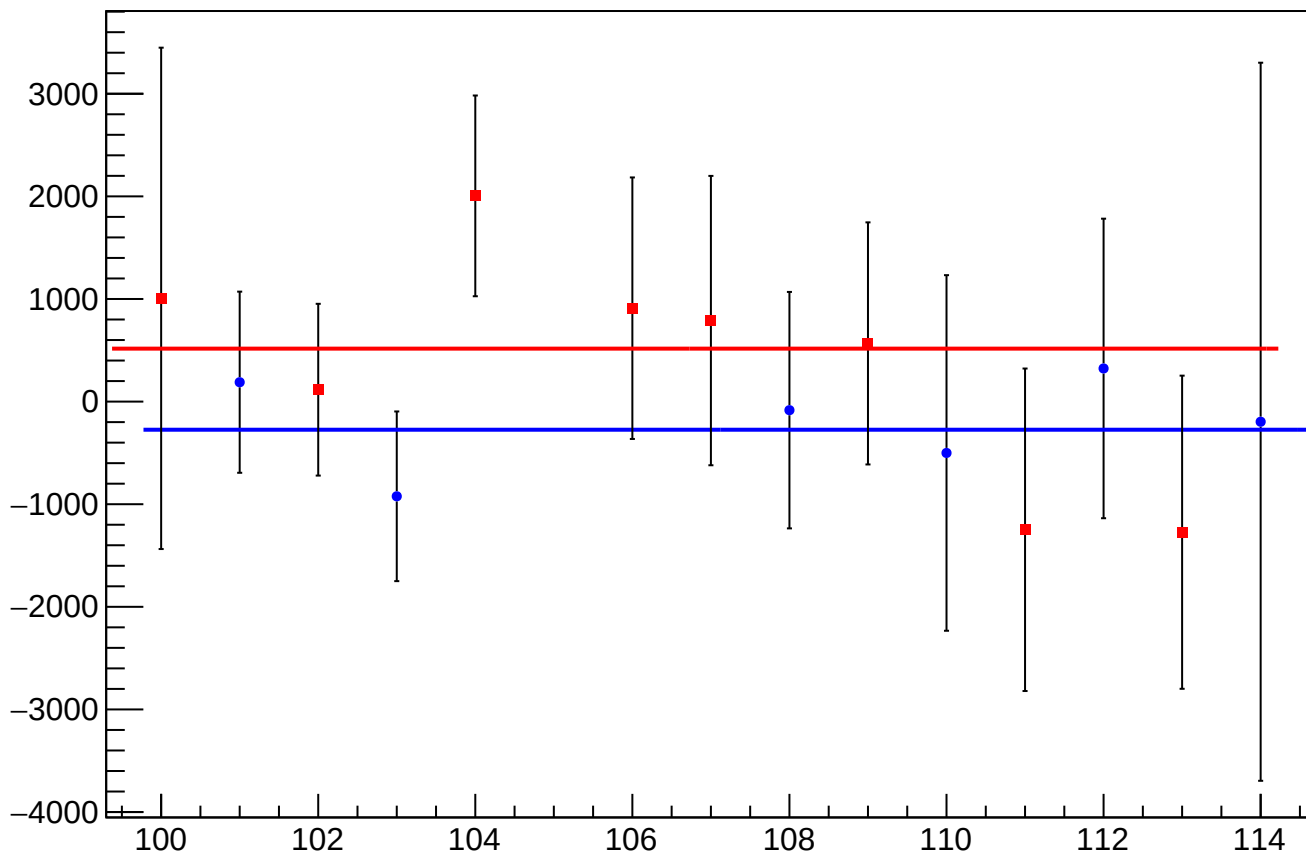
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.006 $\pm$ 0.041 χ^2 /NDF: 31824.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -274.142 $\pm$ 477.605 χ^2 /NDF: 1.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 516.164 $\pm$ 433.873 χ^2 /NDF: 5.4/7

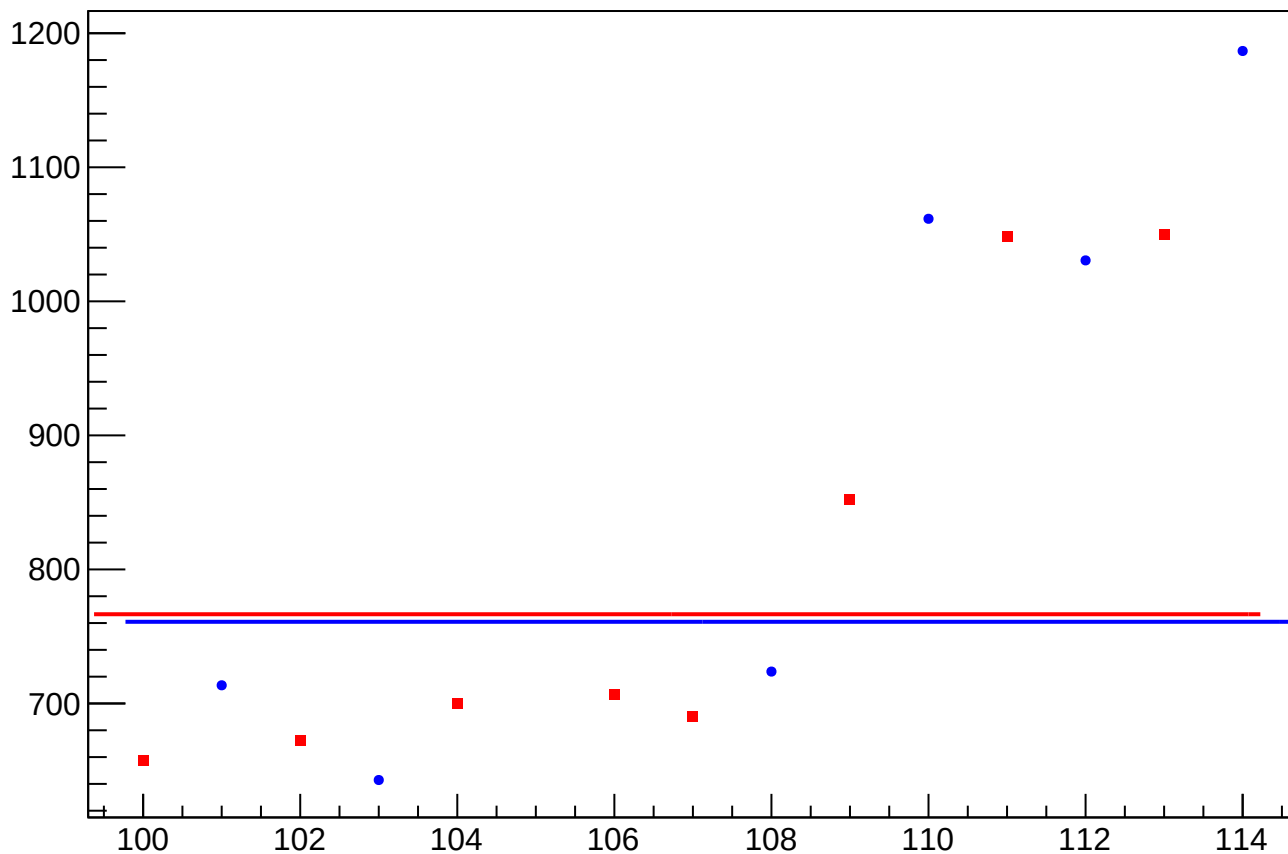
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.842 $\pm$ 321.145 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 760.937+/-0.338 χ^2/NDF : 206679.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.571+/-0.307 χ^2/NDF : 192974.0/7

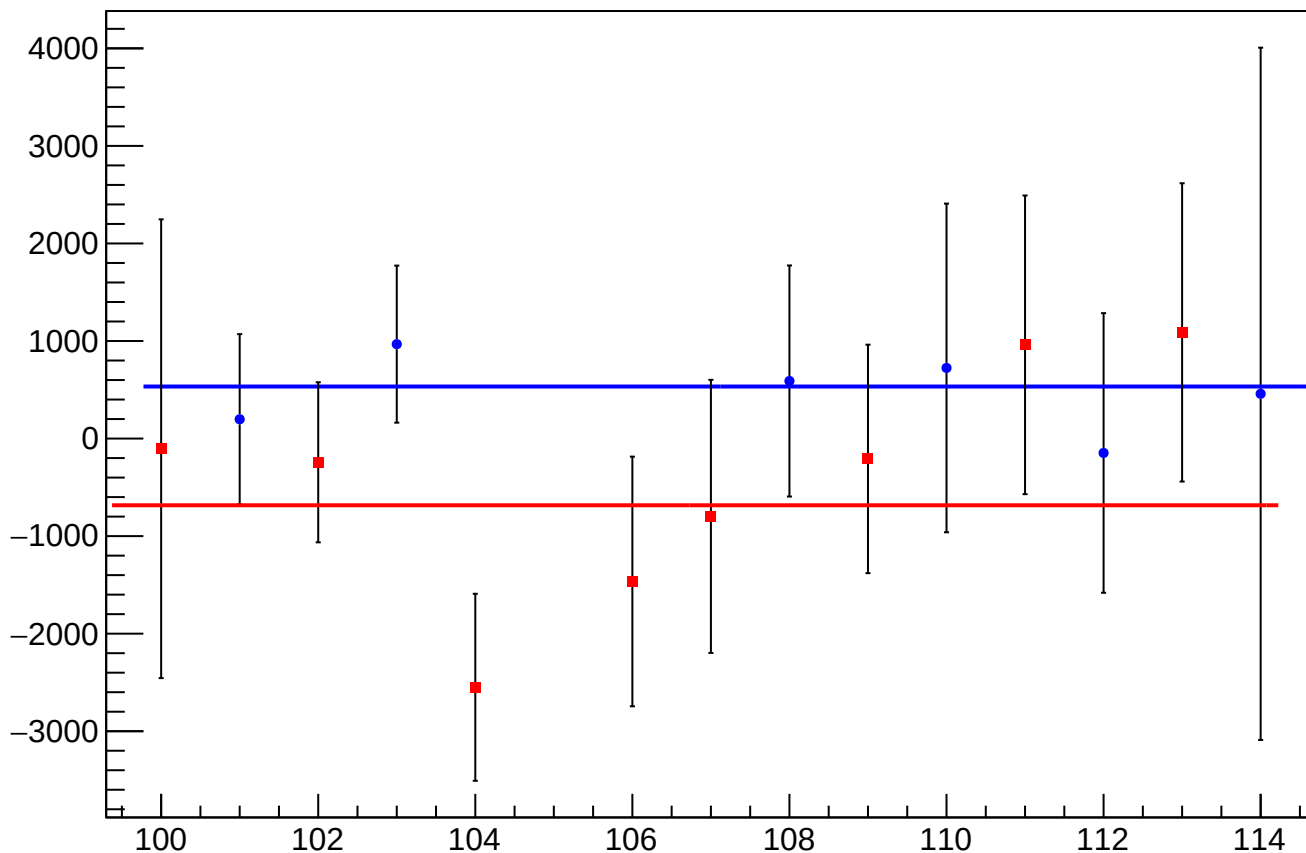
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.024+/-0.227 χ^2/NDF : 399805.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 533.412 $\pm$ 472.022 χ^2 /NDF: 0.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -683.814 $\pm$ 427.999 χ^2 /NDF: 7.2/7

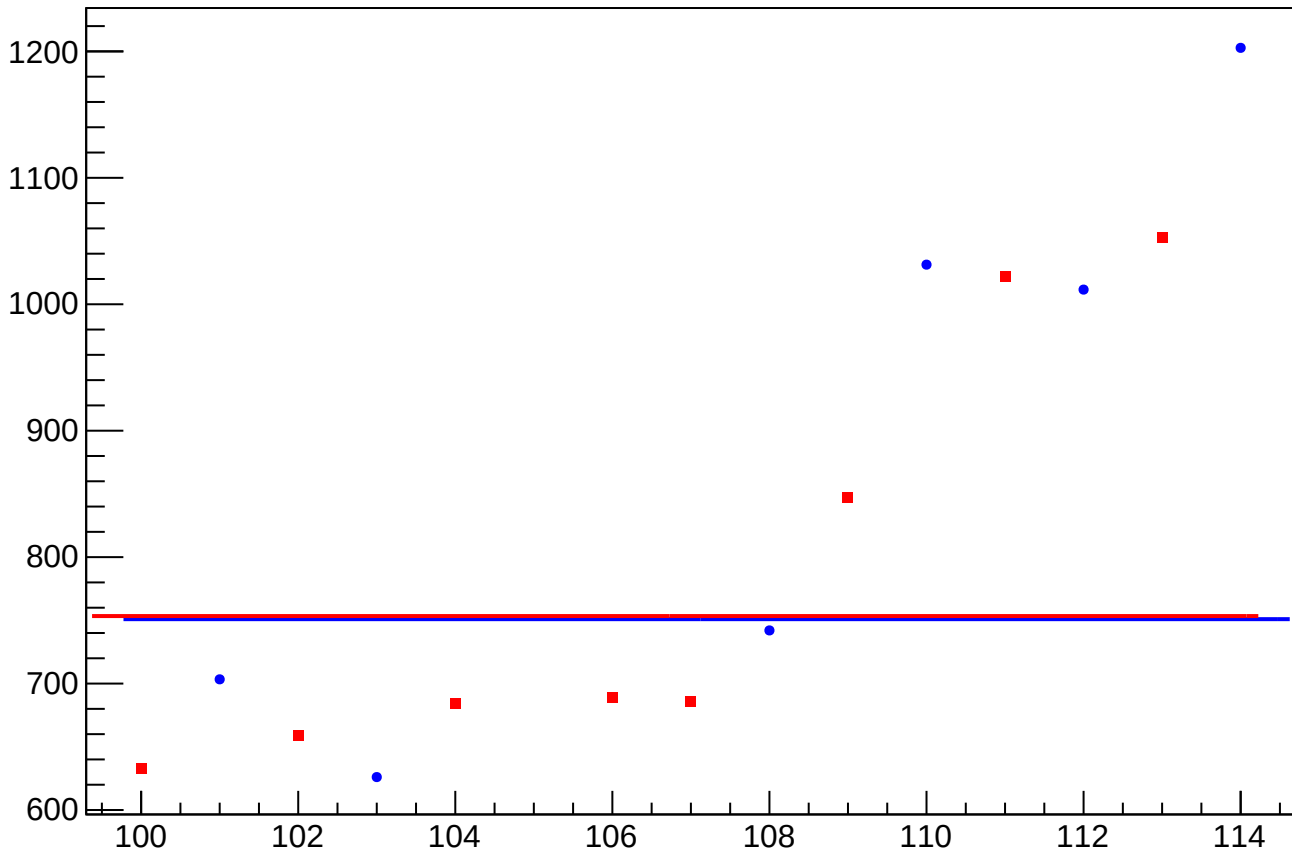
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -134.597 $\pm$ 317.065 χ^2 /NDF: 11.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_rms vs Slug



Right In: 750.946 $\pm$ 0.334 χ^2 /NDF: 208210.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 753.392 $\pm$ 0.303 χ^2 /NDF: 202623.4/7

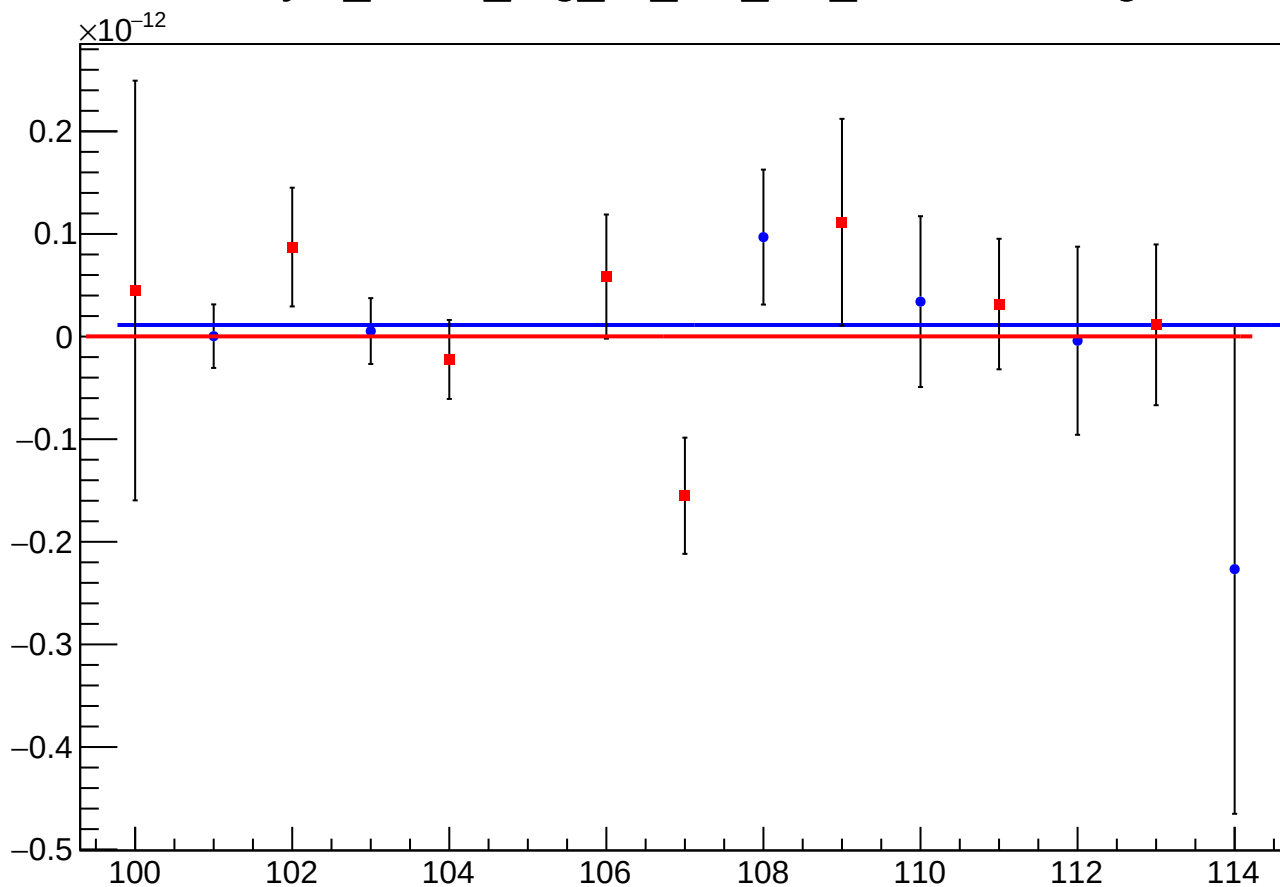
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 752.288 $\pm$ 0.224 χ^2 /NDF: 410863.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/7

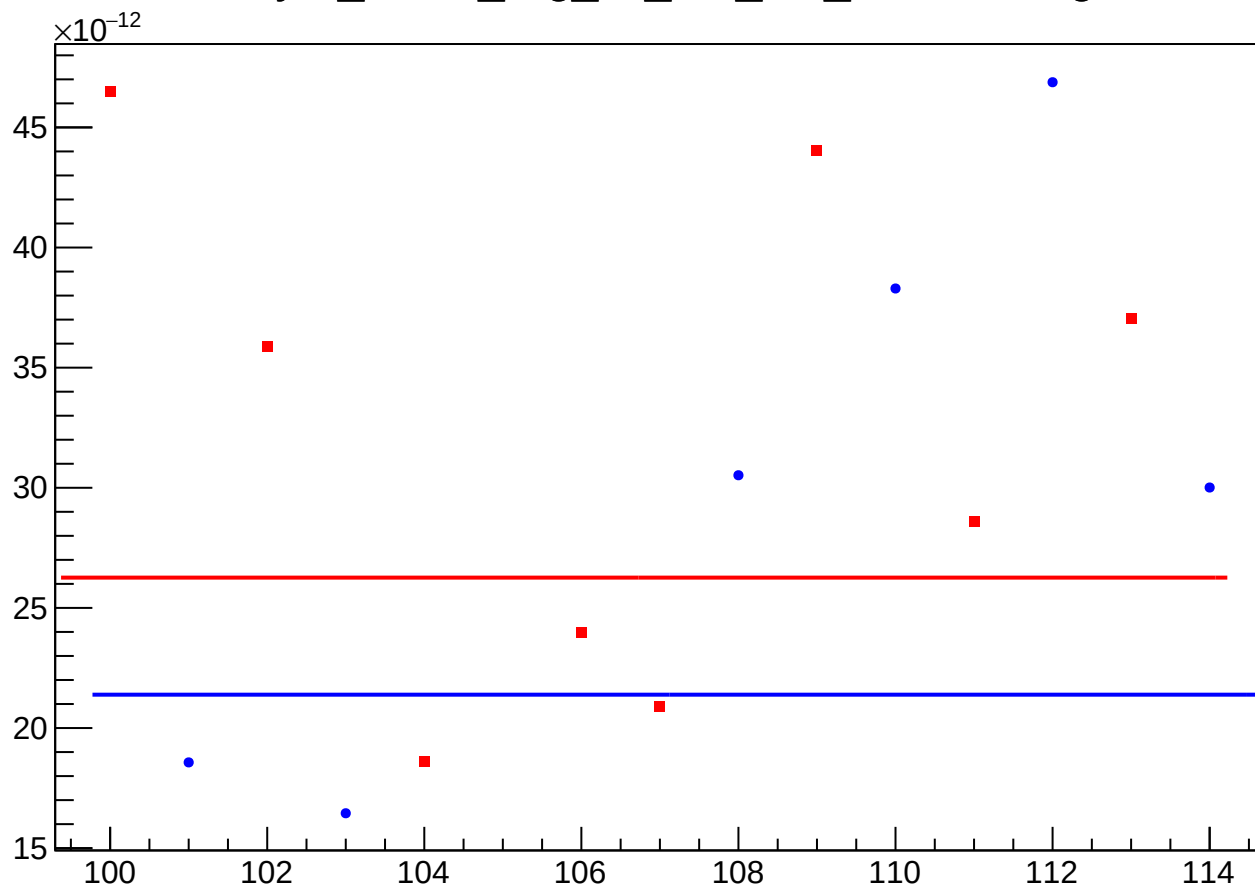
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 342217.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 277827.3/7

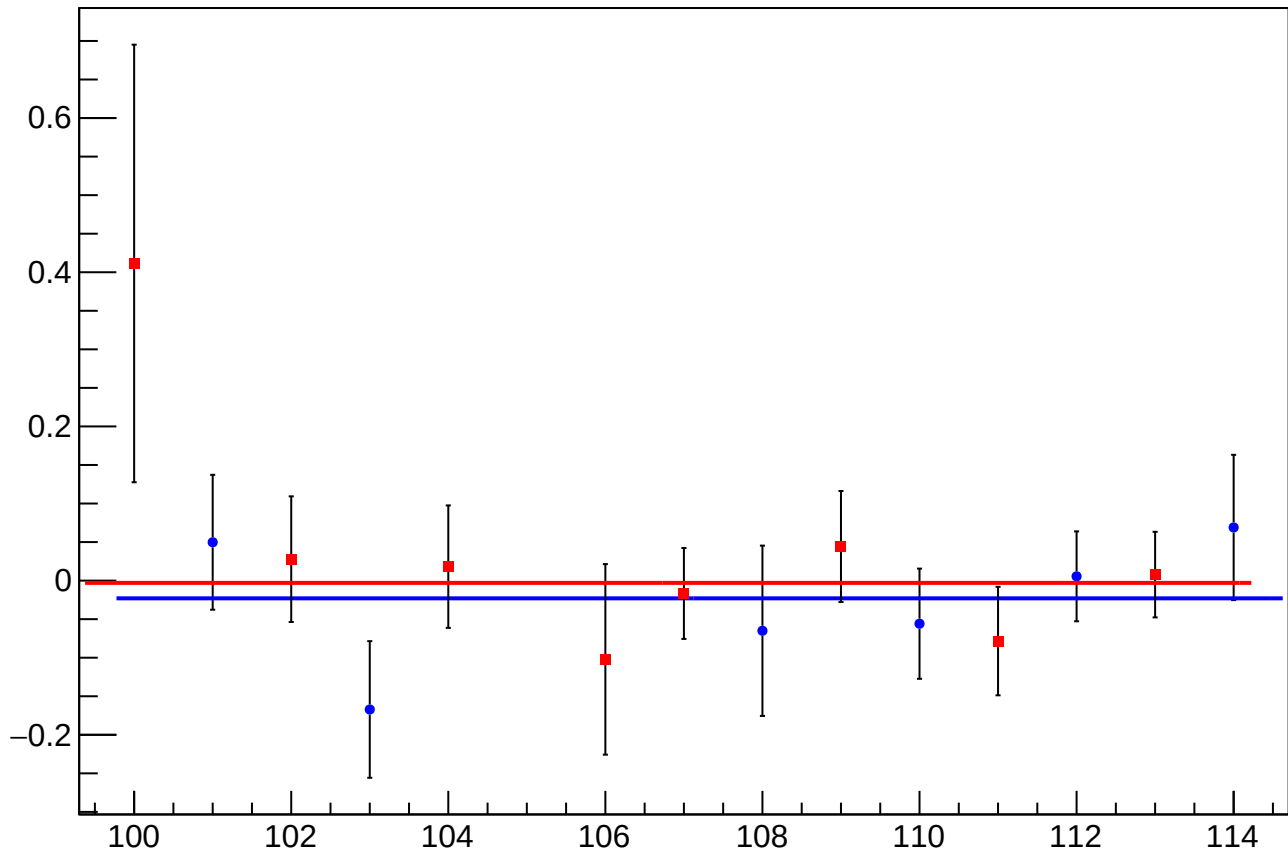
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 674384.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.023 ± 0.033 χ^2/NDF : 4.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.027 χ^2/NDF : 4.7/7

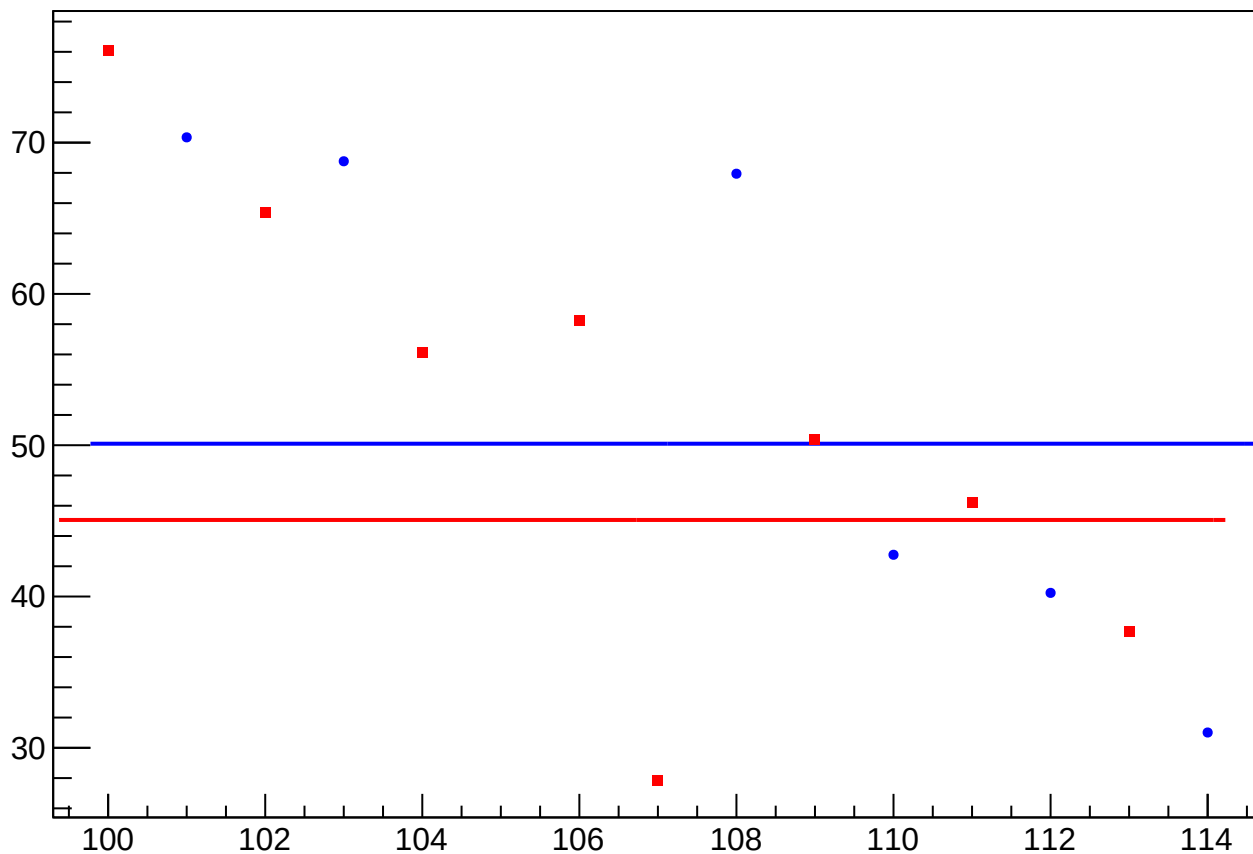
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 9.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 50.100 $\pm$ 0.023 χ^2 /NDF: 408439.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.060 $\pm$ 0.019 χ^2 /NDF: 426327.4/7

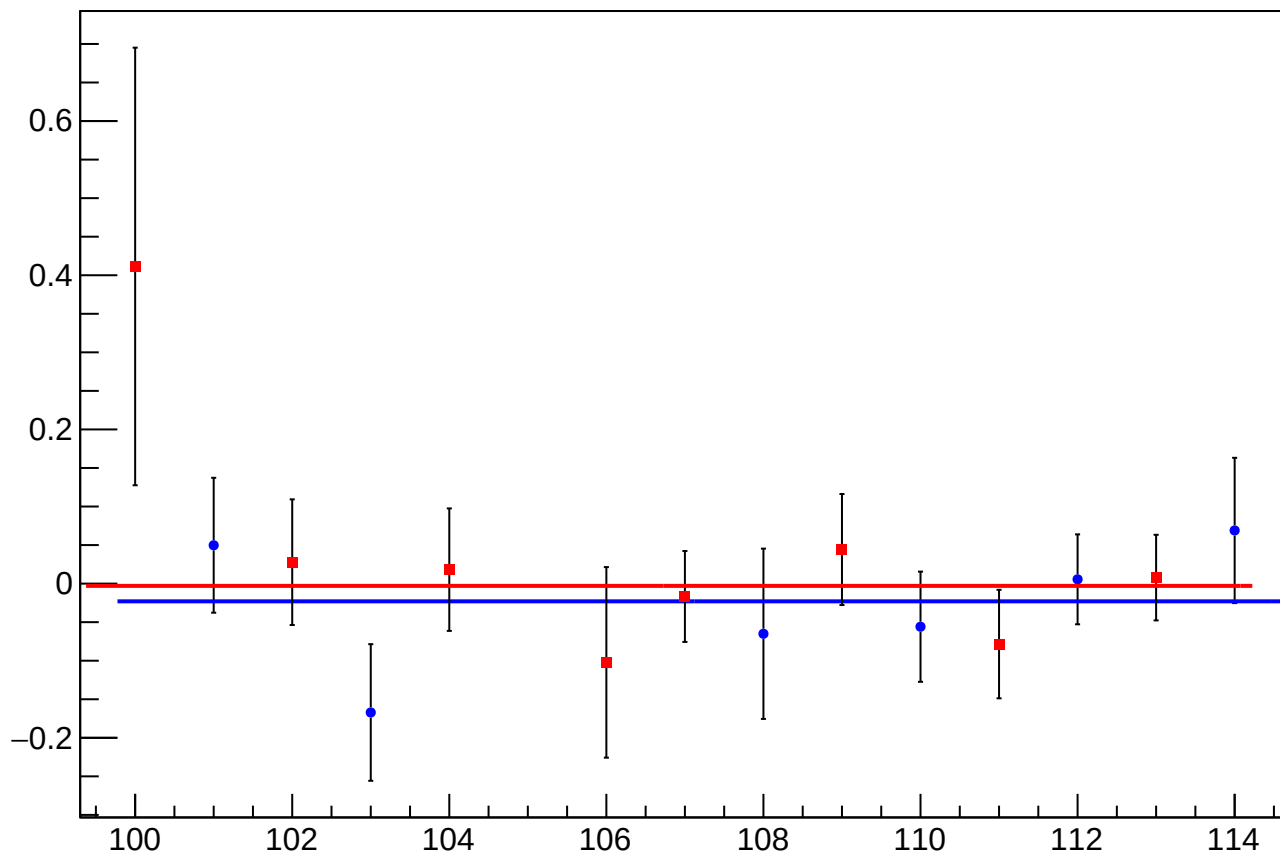
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.093 $\pm$ 0.015 χ^2 /NDF: 863324.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023 ± 0.033 χ^2/NDF : 4.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.027 χ^2/NDF : 4.7/7

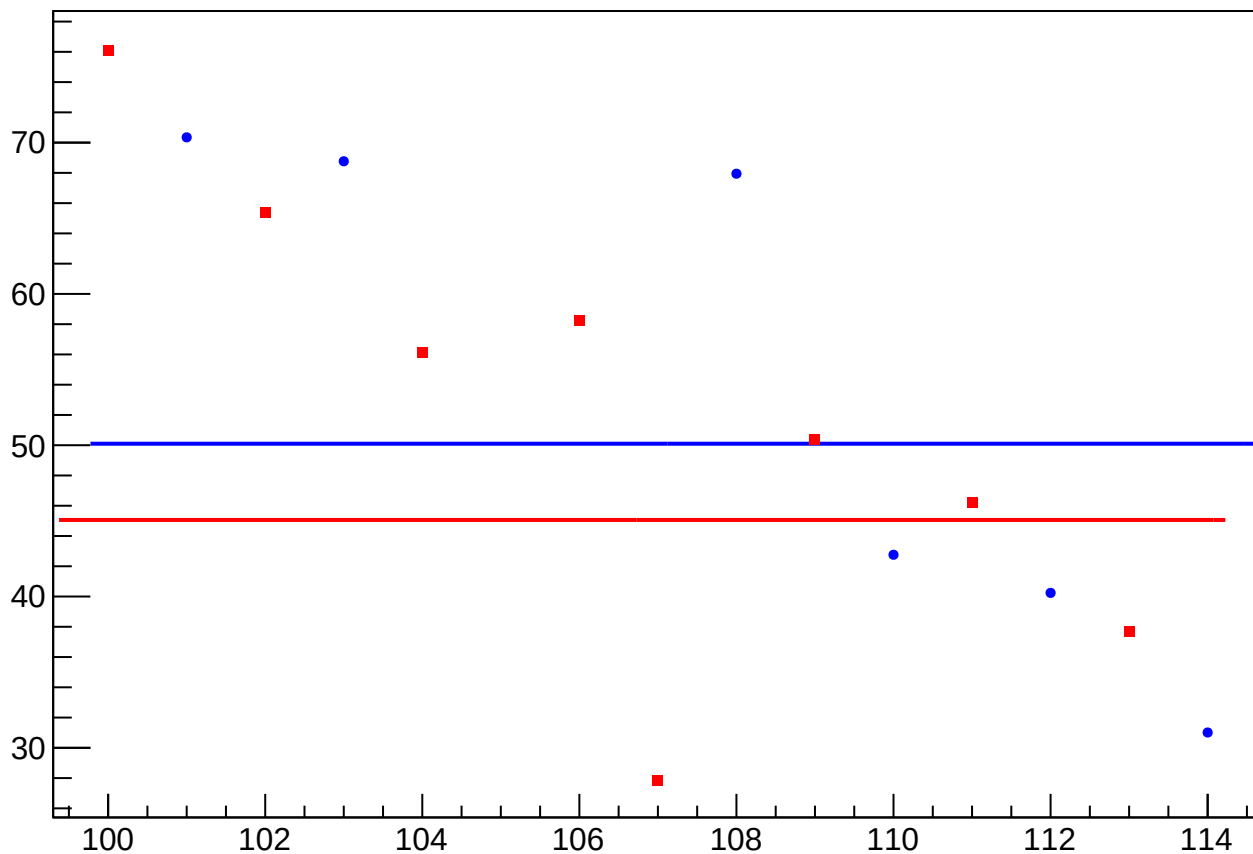
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 9.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.100 $\pm$ 0.023 χ^2 /NDF: 408439.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.060 $\pm$ 0.019 χ^2 /NDF: 426327.4/7

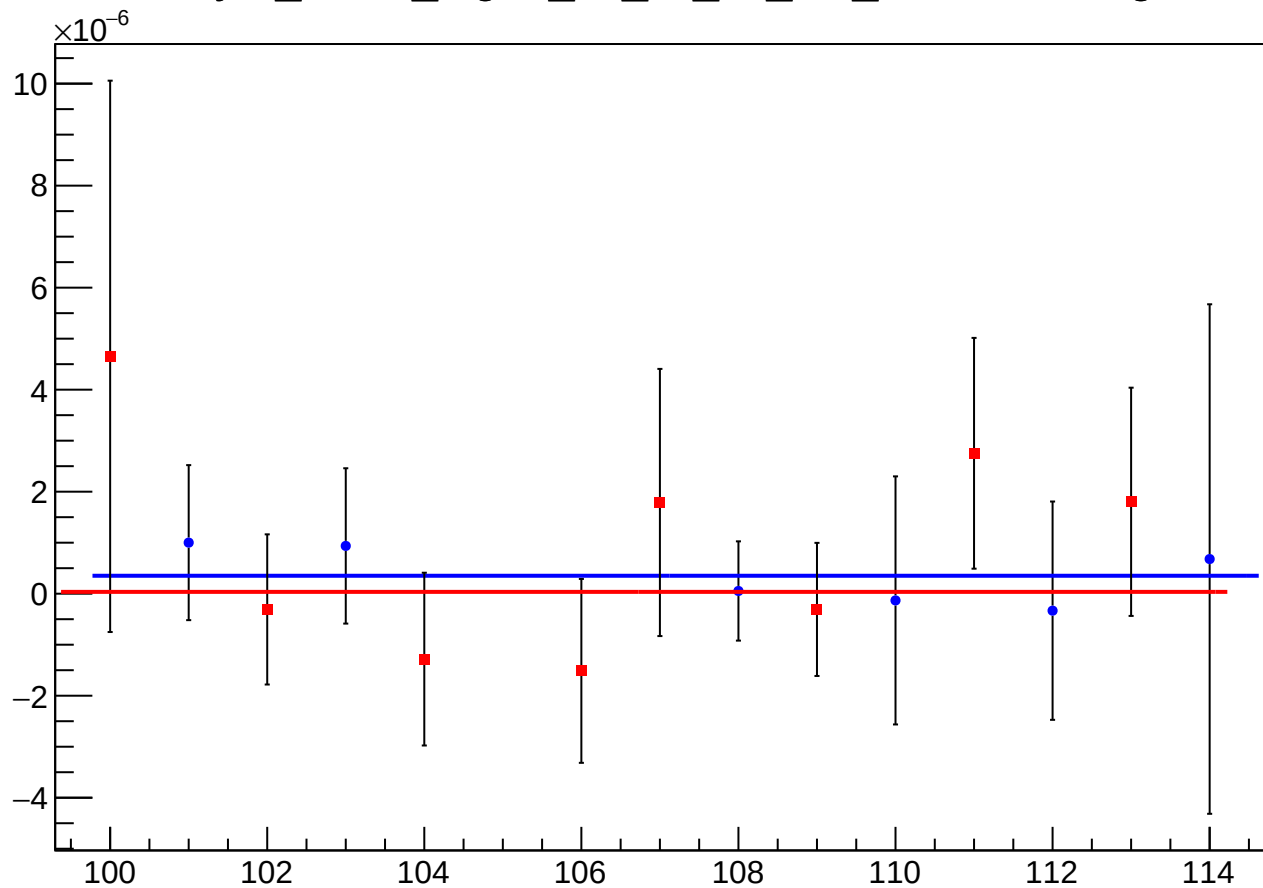
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.093 $\pm$ 0.015 χ^2 /NDF: 863324.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

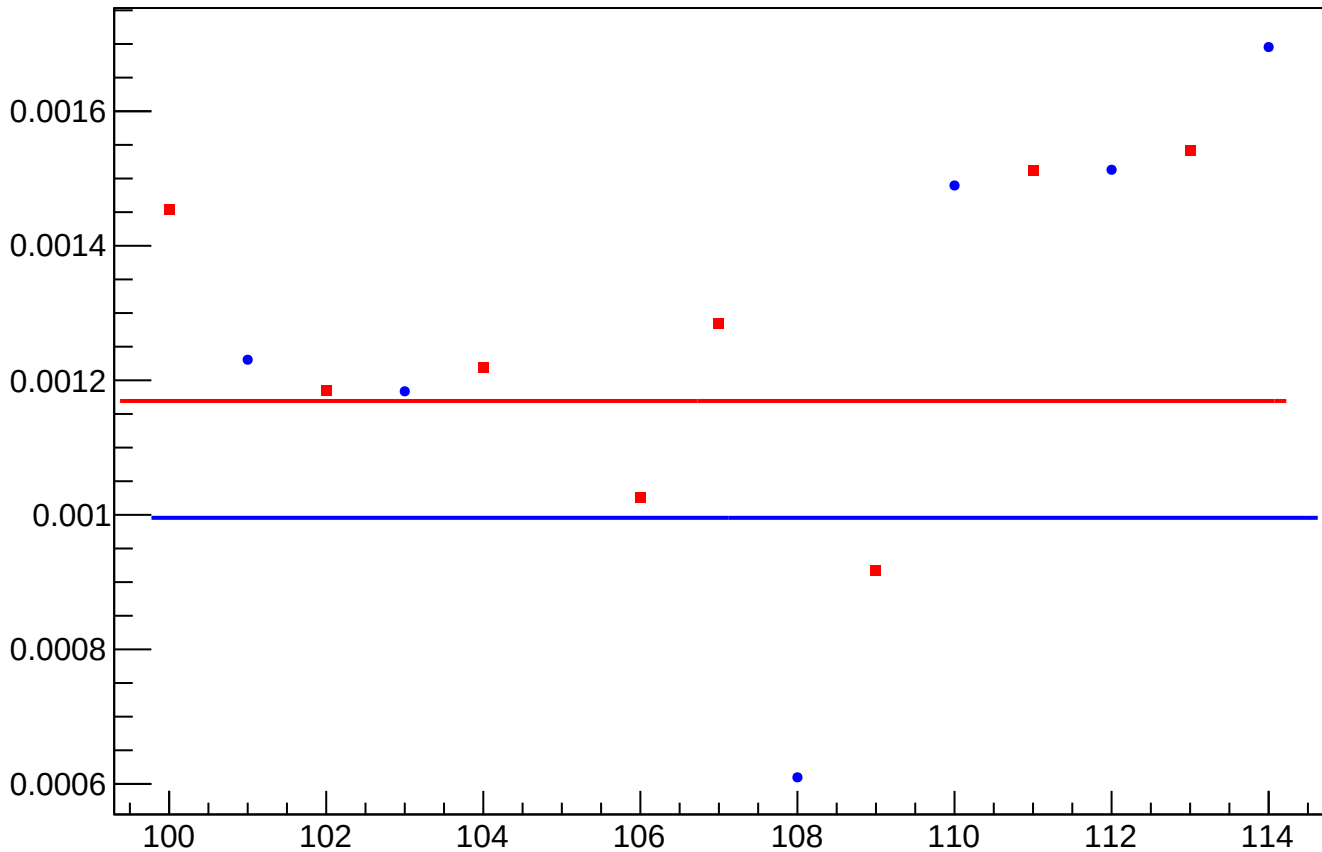
asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.6/5
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 4.7/7
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2/NDF : 5.4/13
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 631484.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 200225.8/7

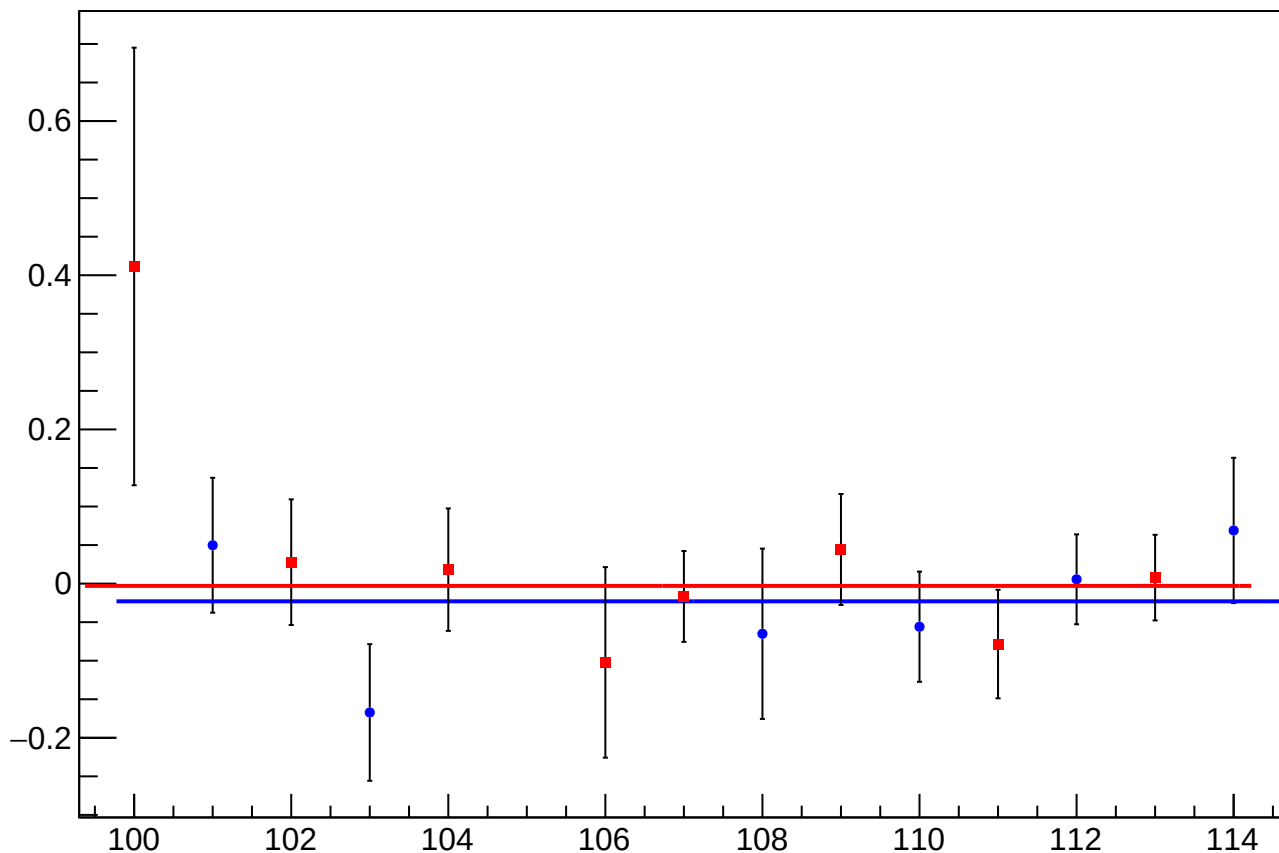
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 901527.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.023 $\pm$ 0.033 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.027 χ^2 /NDF: 4.7/7

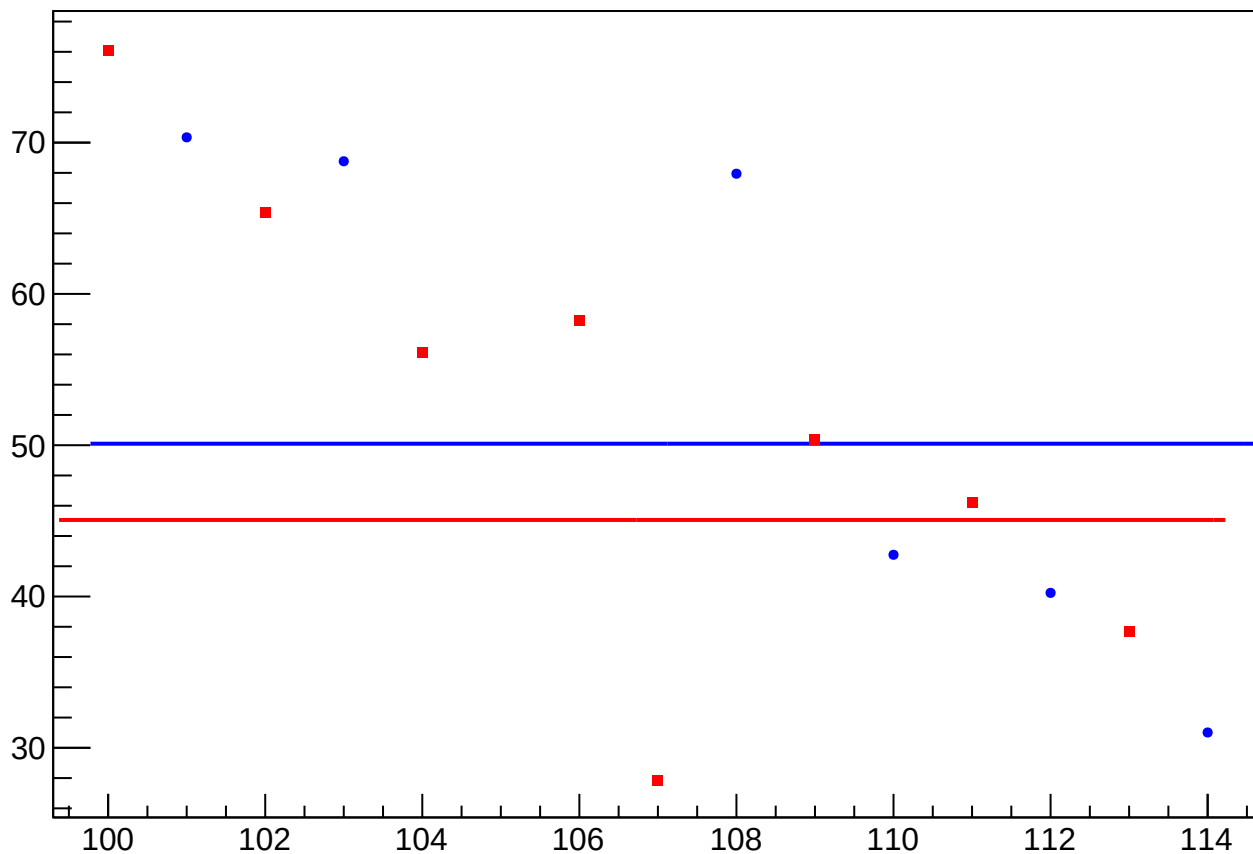
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.021 χ^2 /NDF: 9.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.099+/-0.023 χ^2/NDF : 408442.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.060+/-0.019 χ^2/NDF : 426328.5/7

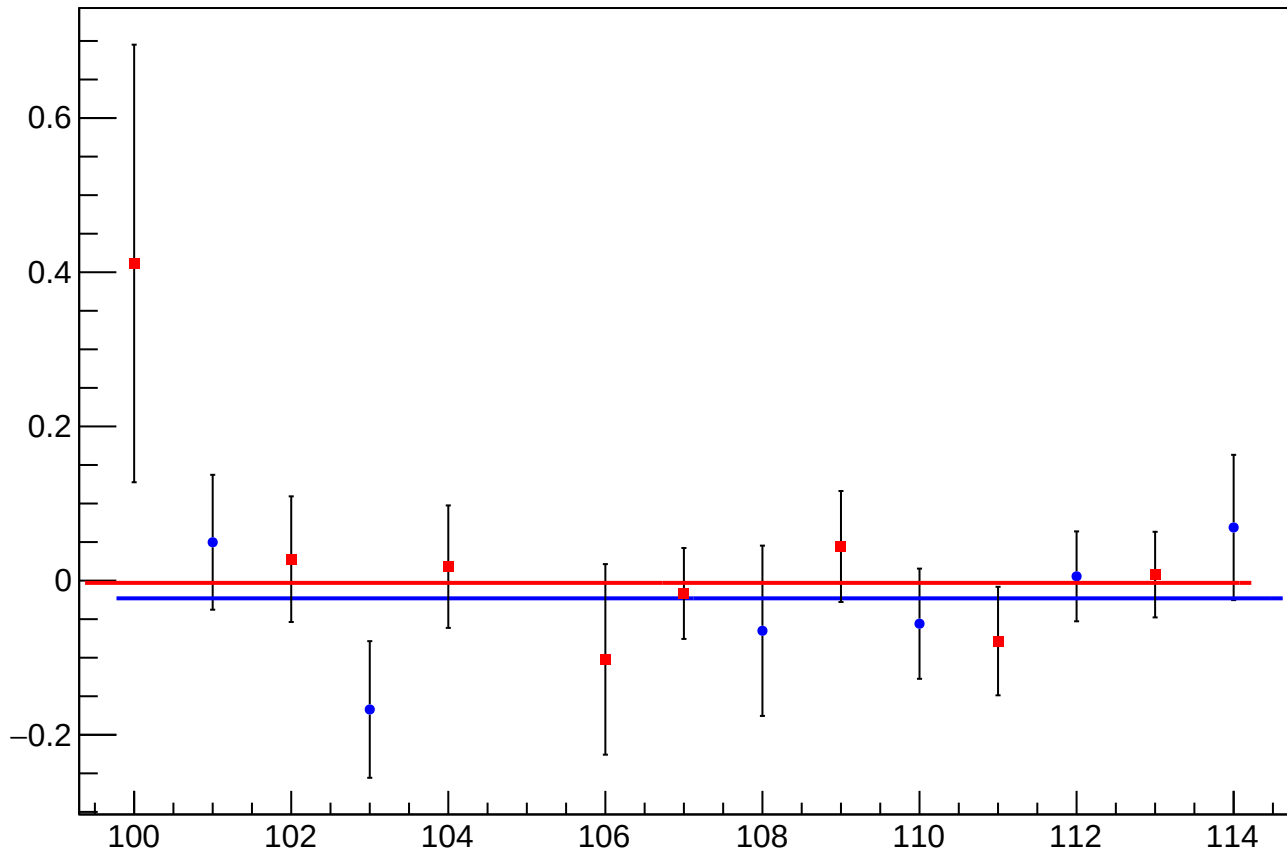
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.093+/-0.015 χ^2/NDF : 863328.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023 $\pm$ 0.033 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.027 χ^2 /NDF: 4.7/7

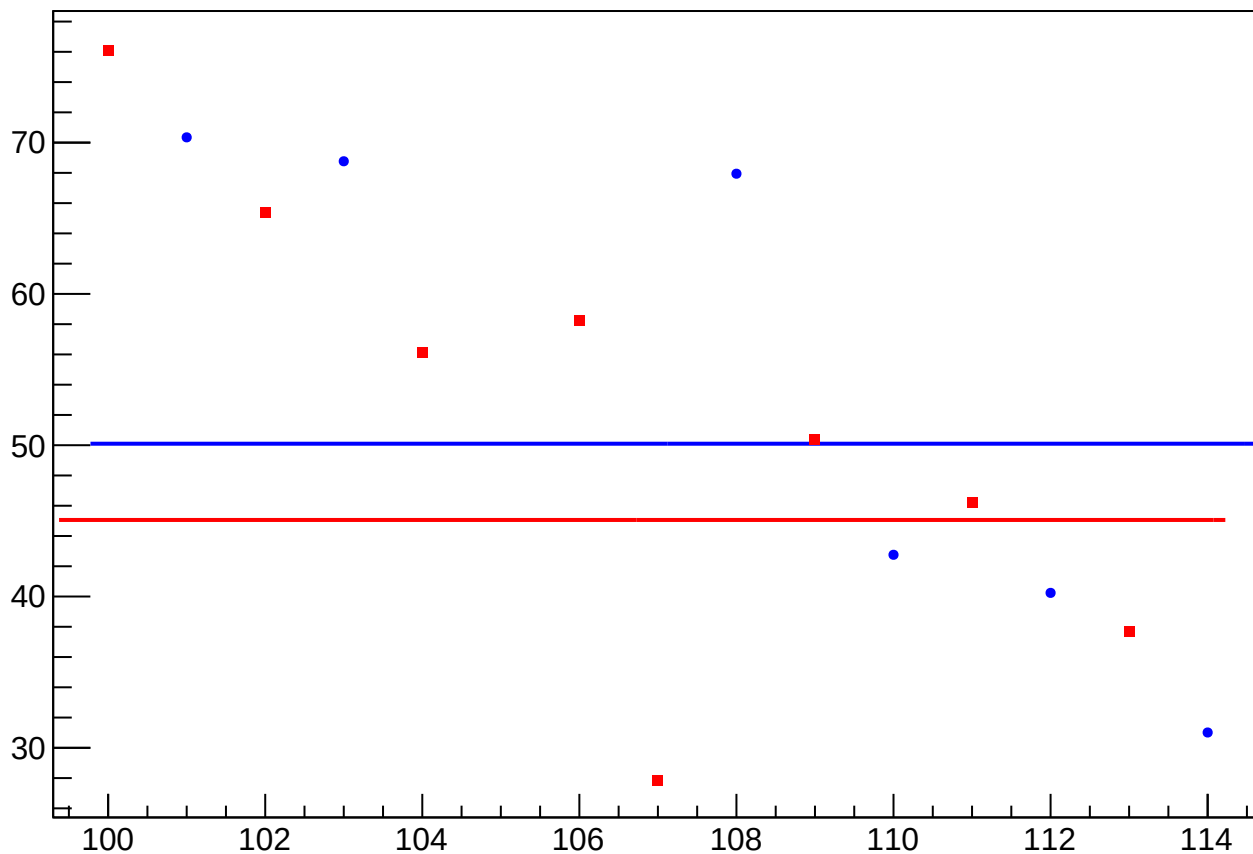
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.021 χ^2 /NDF: 9.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.099+/-0.023 χ^2/NDF : 408442.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.060+/-0.019 χ^2/NDF : 426328.5/7

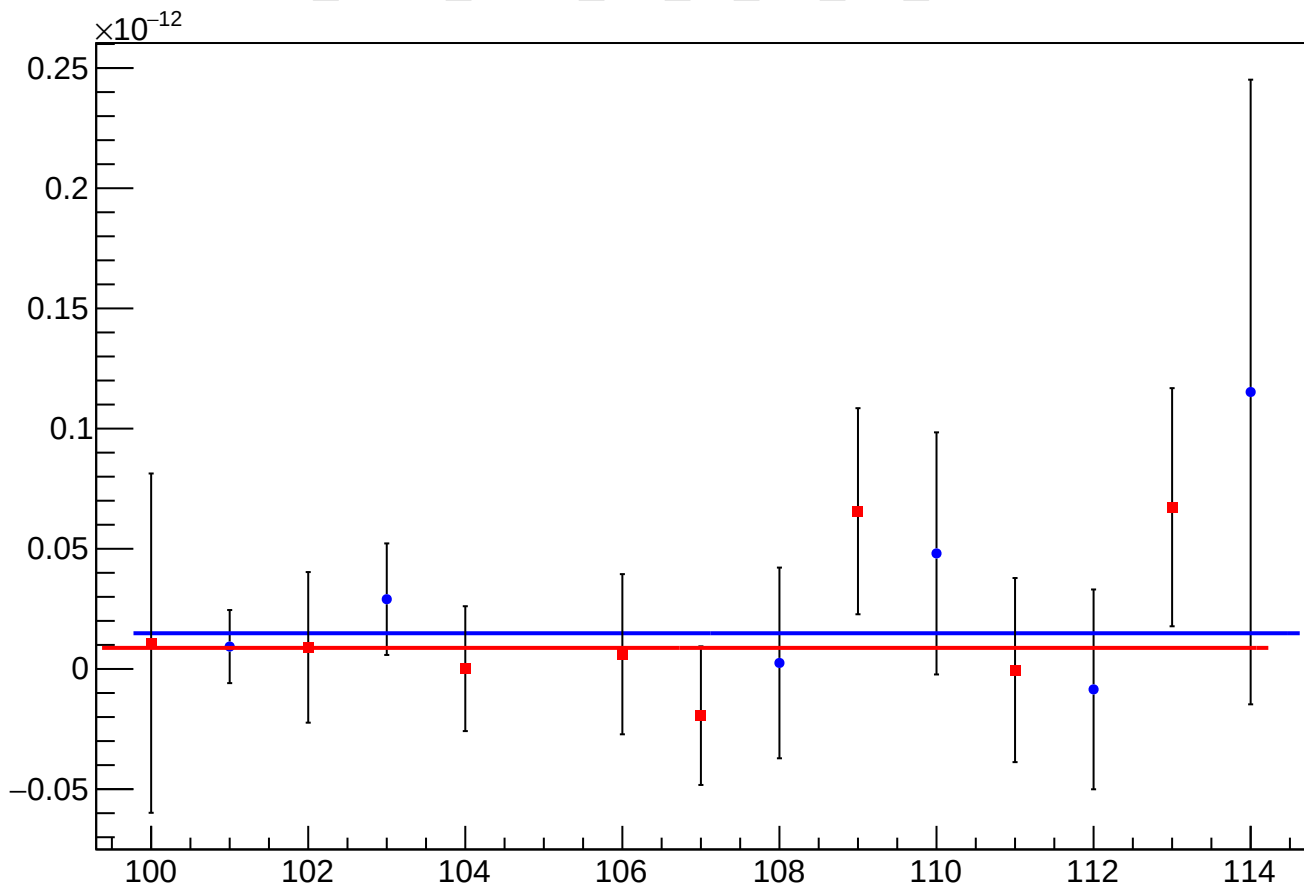
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.093+/-0.015 χ^2/NDF : 863328.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/7

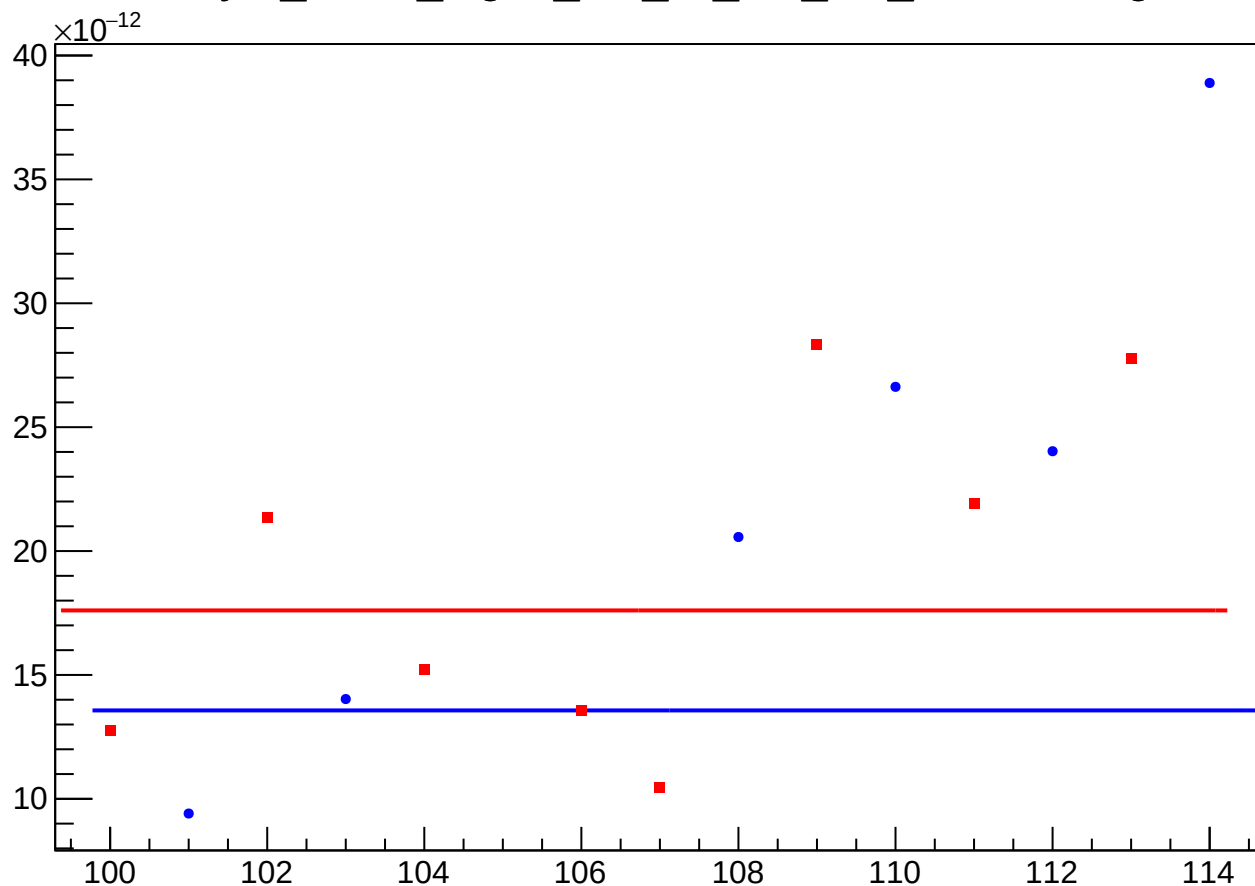
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 550019.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 442078.7/7

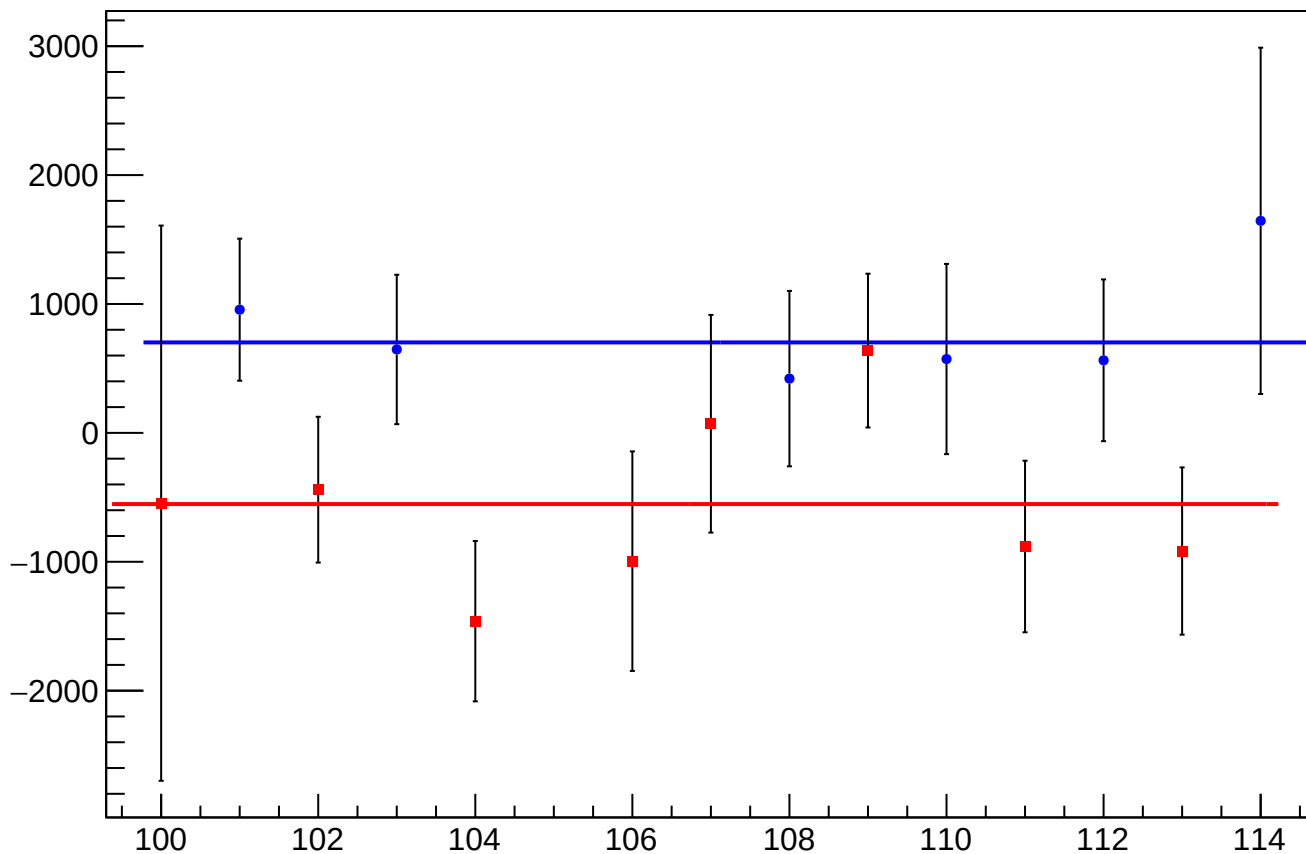
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1107324.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 701.879+/-273.595 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -552.189+/-248.817 χ^2/NDF : 7.5/7

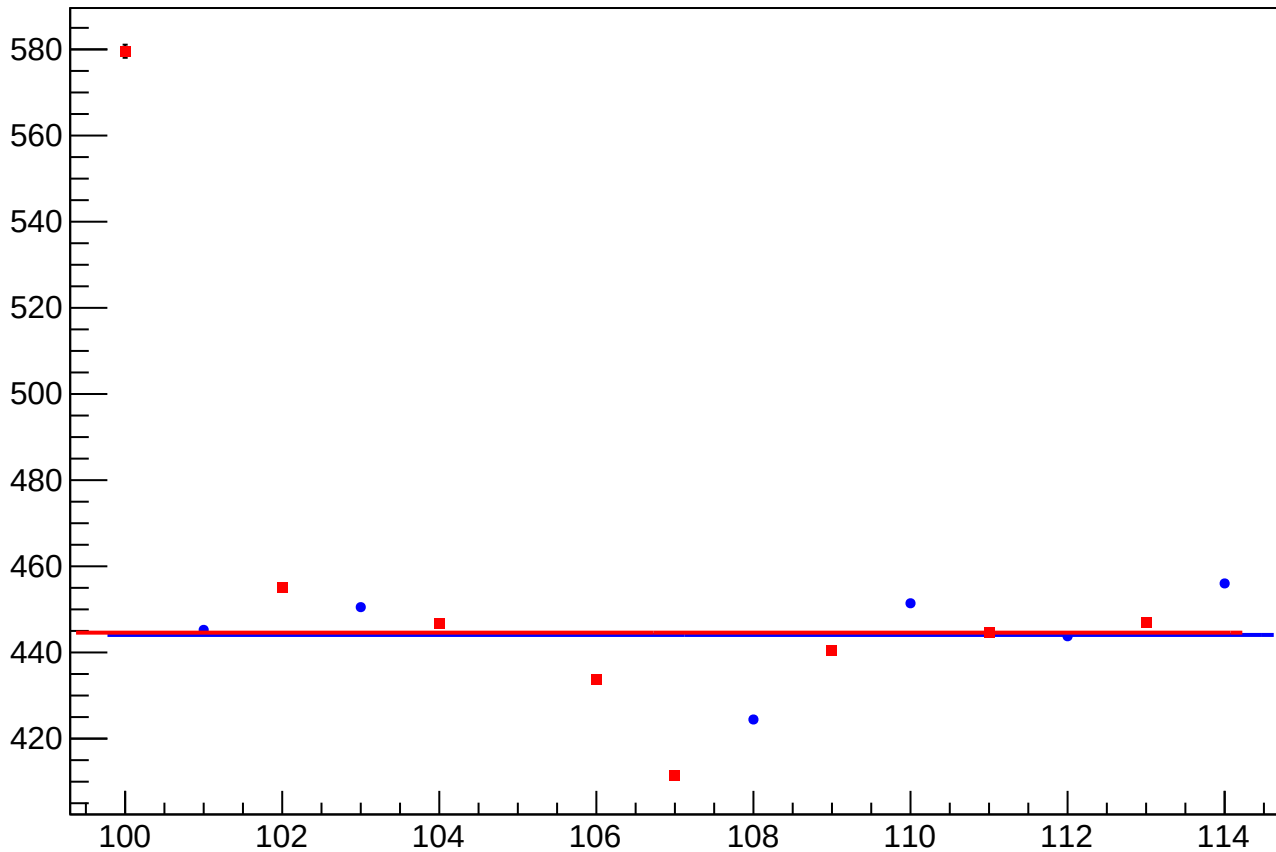
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.498+/-184.078 χ^2/NDF : 20.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 444.070 $\pm$ 0.193 χ^2 /NDF: 2279.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 444.599 $\pm$ 0.176 χ^2 /NDF: 12069.7/7

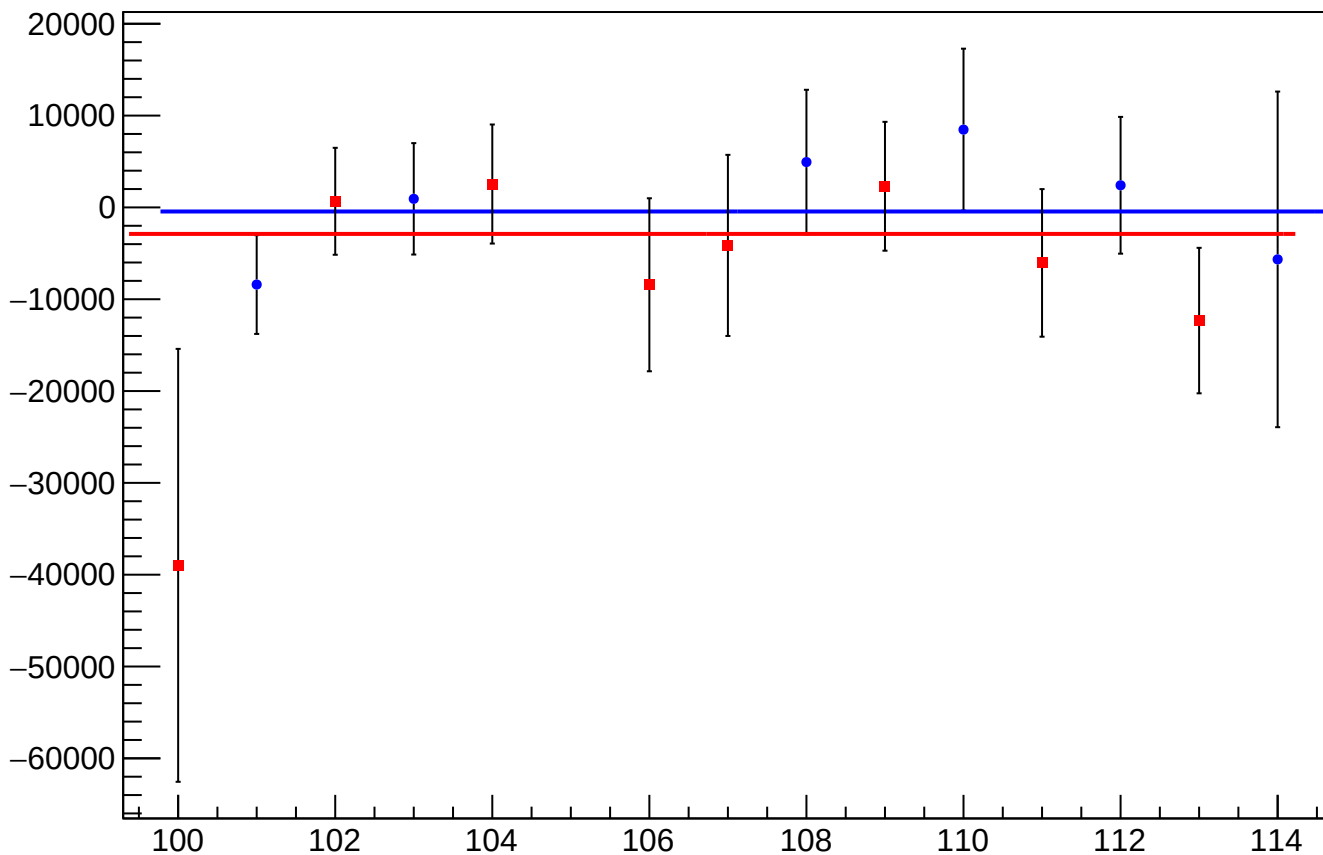
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 444.360 $\pm$ 0.130 χ^2 /NDF: 14352.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -443.931 $\pm$ 2991.393 χ^2 /NDF: 4.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2886.867 $\pm$ 2791.257 χ^2 /NDF: 5.9/7

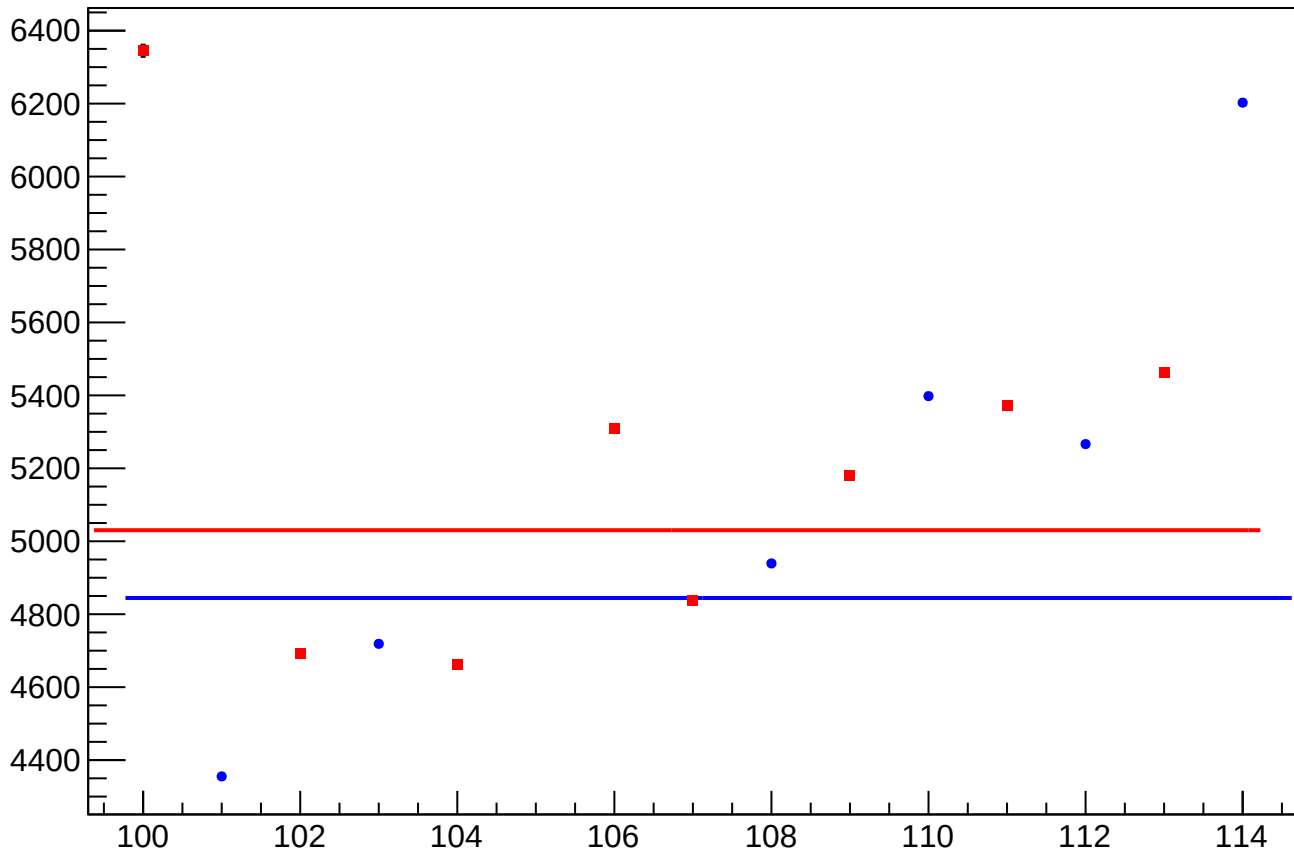
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1749.847 $\pm$ 2040.805 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 4844.513+/-2.115 χ^2/NDF : 43030.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5030.287+/-1.974 χ^2/NDF : 32416.4/7

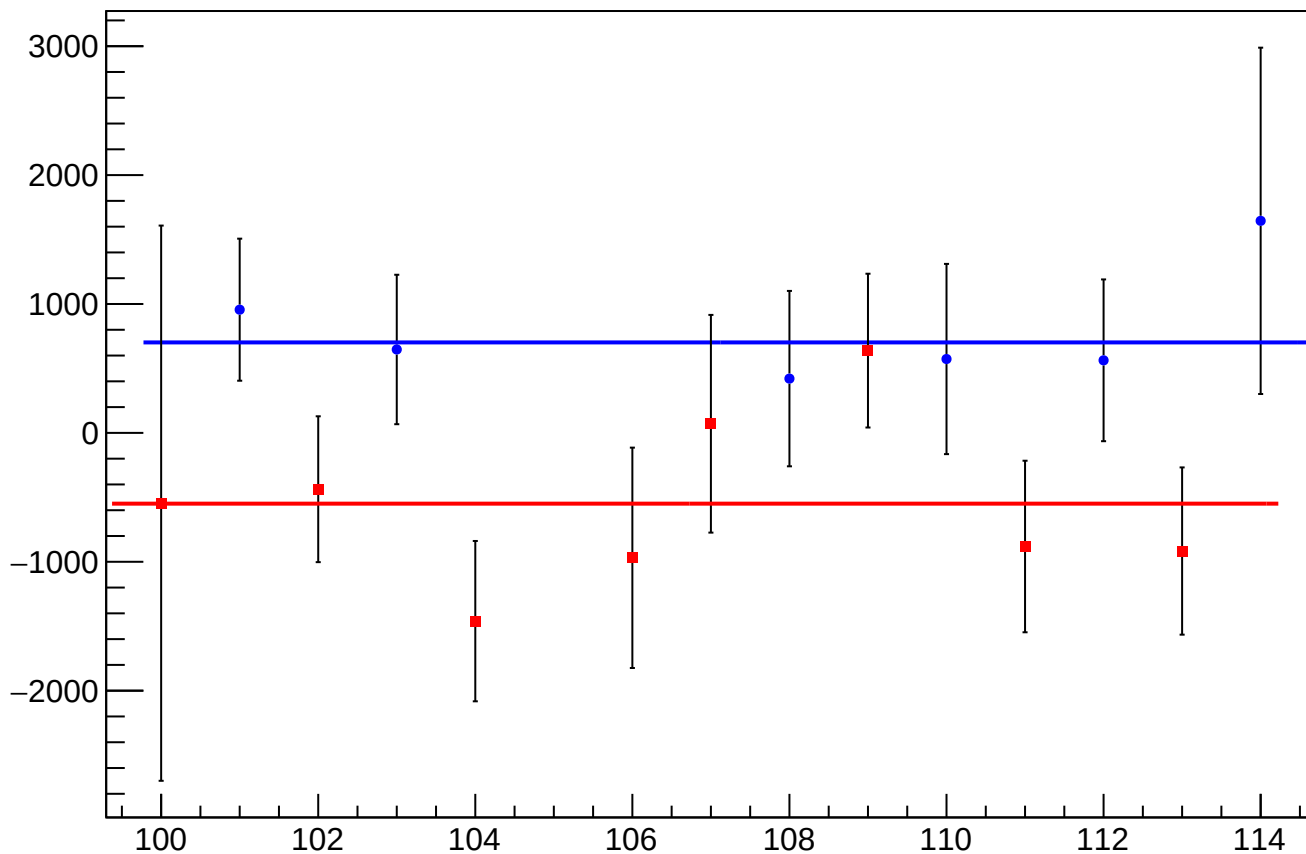
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4943.822+/-1.443 χ^2/NDF : 79570.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 701.875 $\pm$ 273.595 χ^2 /NDF: 1.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -548.994 $\pm$ 248.917 χ^2 /NDF: 7.5/7

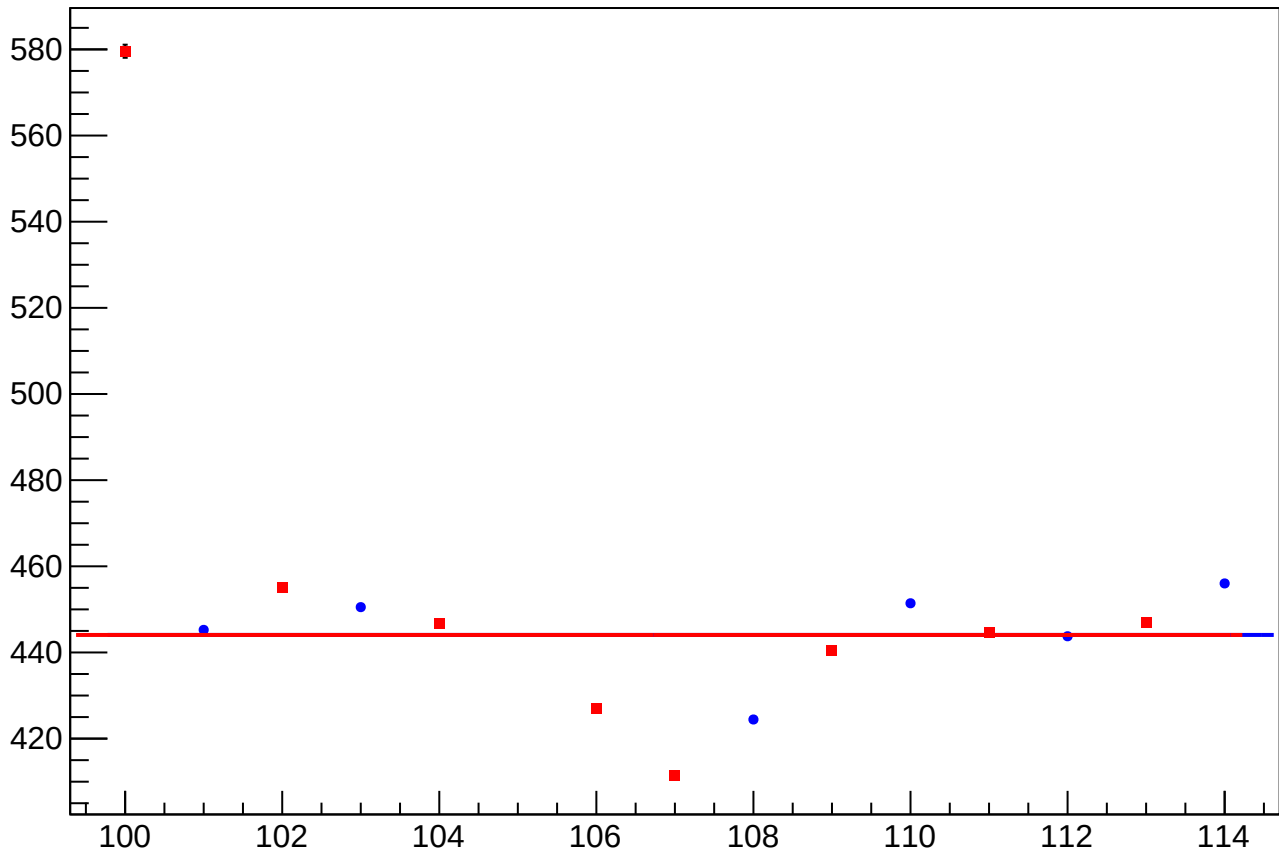
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.492 $\pm$ 184.118 χ^2 /NDF: 19.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 444.070 $\pm$ 0.193 χ^2 /NDF: 2279.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 444.064 $\pm$ 0.176 χ^2 /NDF: 12612.9/7

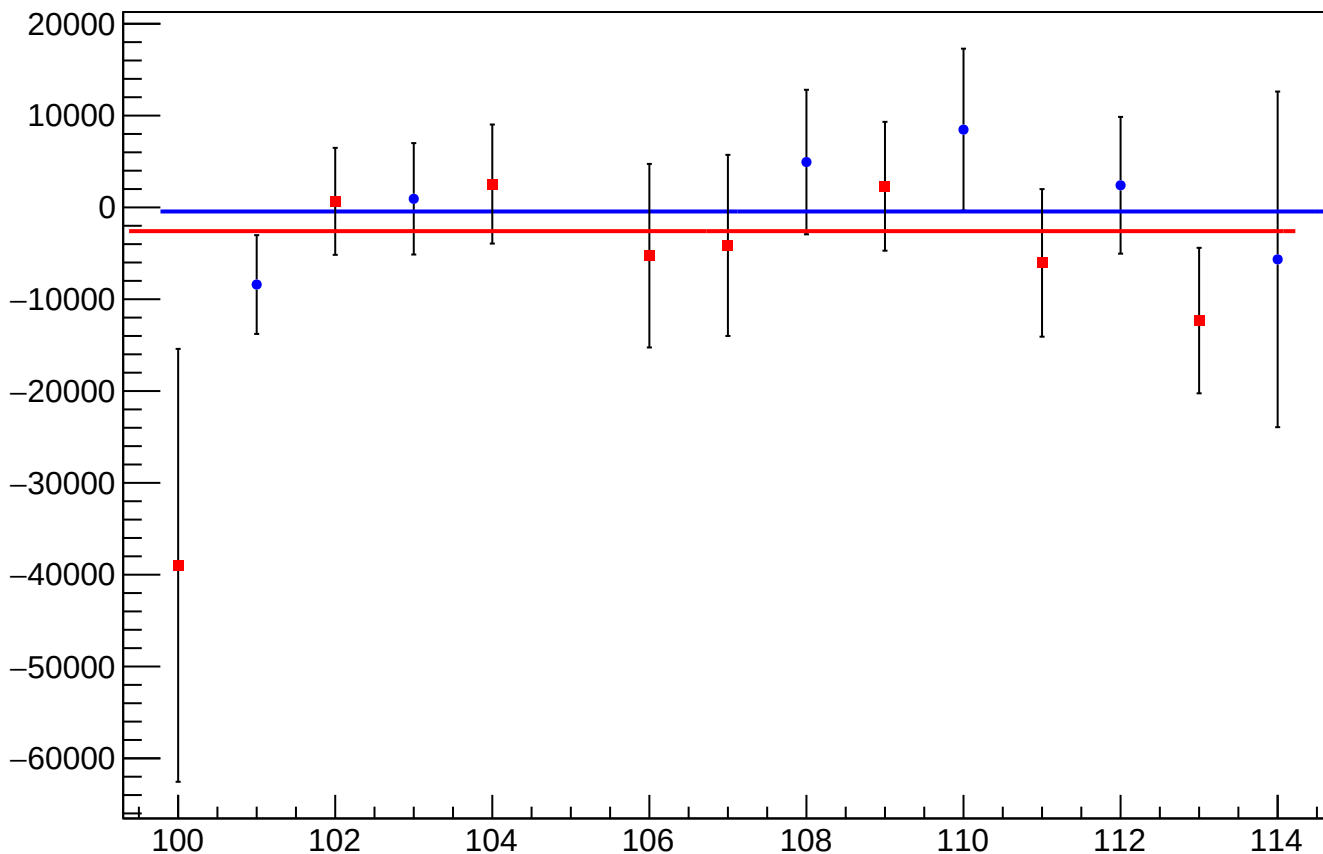
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 444.067 $\pm$ 0.130 χ^2 /NDF: 14892.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -443.464 $\pm$ 2991.423 χ^2 /NDF: 4.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2585.166 $\pm$ 2805.351 χ^2 /NDF: 5.6/7

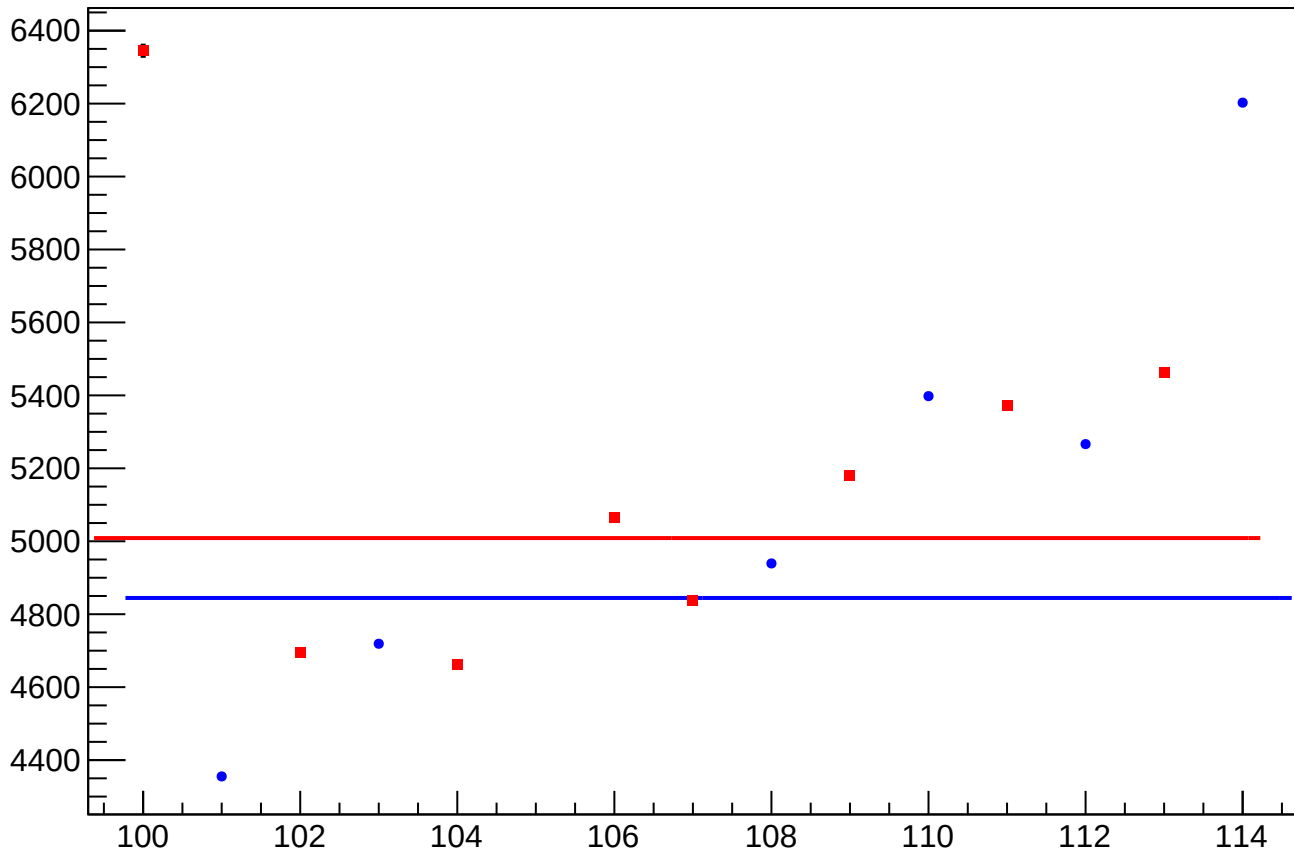
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1582.991 $\pm$ 2046.304 χ^2 /NDF: 9.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 4844.560+/-2.115 χ^2/NDF : 43028.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5008.794+/-1.984 χ^2/NDF : 30453.5/7

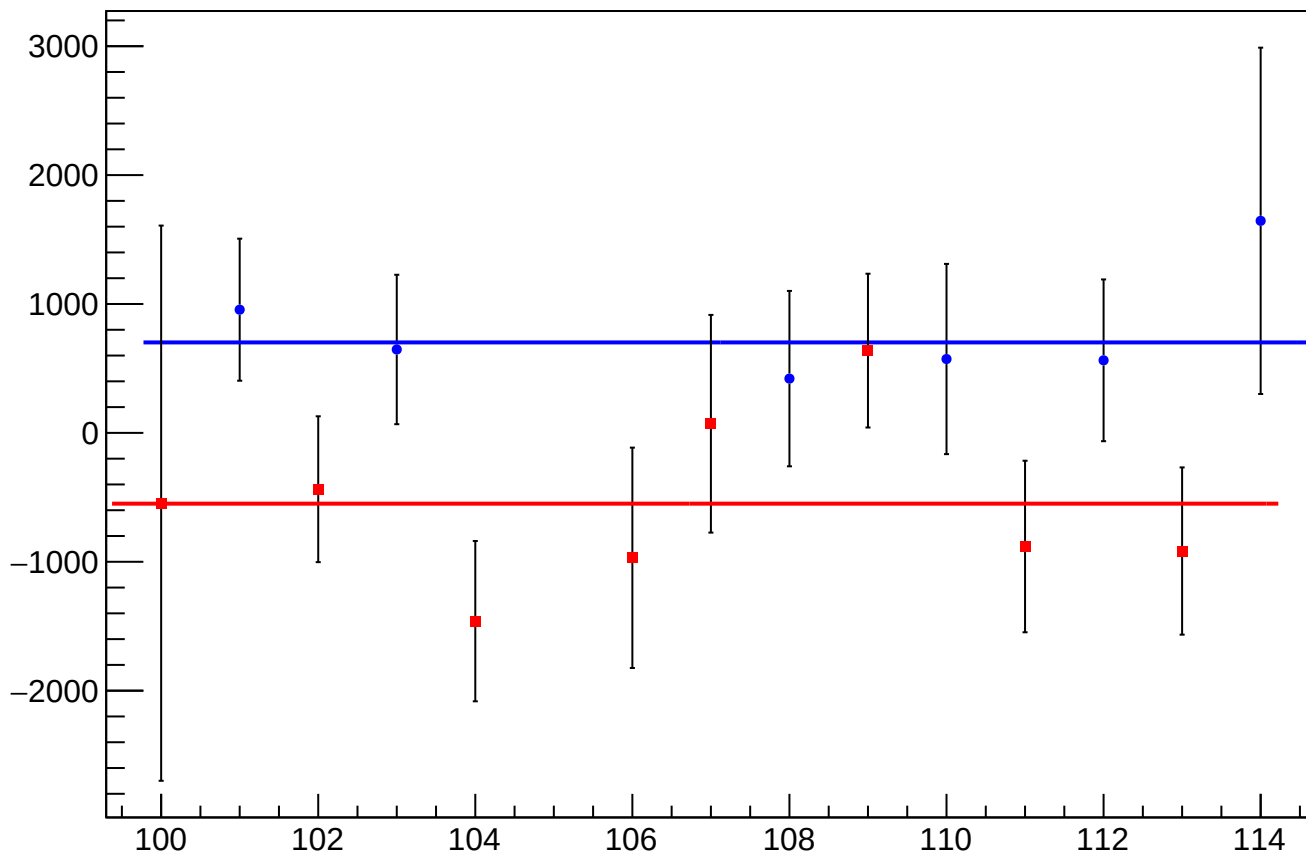
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4931.943+/-1.447 χ^2/NDF : 76689.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_mean vs Slug



Right In: 701.875 $\pm$ 273.595 χ^2 /NDF: 1.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -548.994 $\pm$ 248.917 χ^2 /NDF: 7.5/7

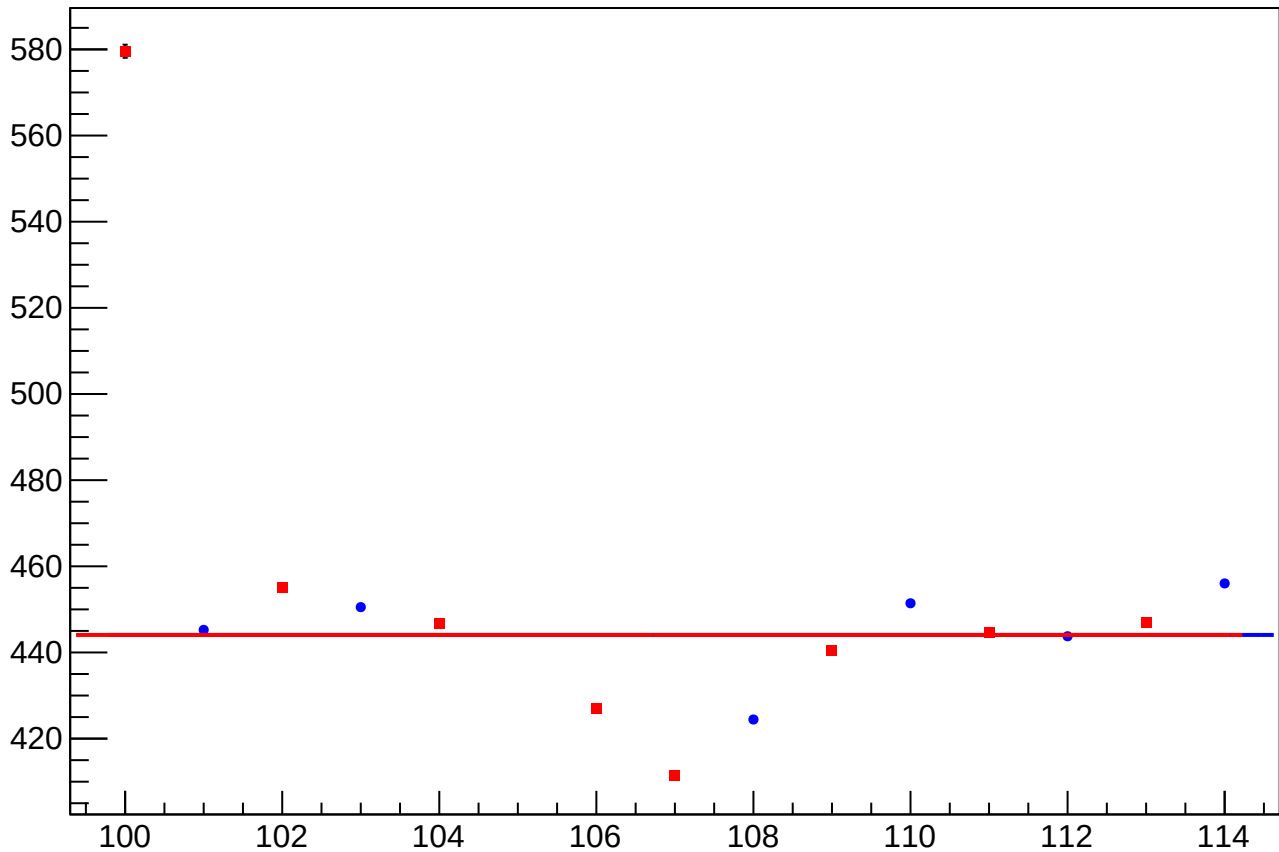
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.492 $\pm$ 184.118 χ^2 /NDF: 19.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 444.070 $\pm$ 0.193 χ^2 /NDF: 2279.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 444.064 $\pm$ 0.176 χ^2 /NDF: 12612.9/7

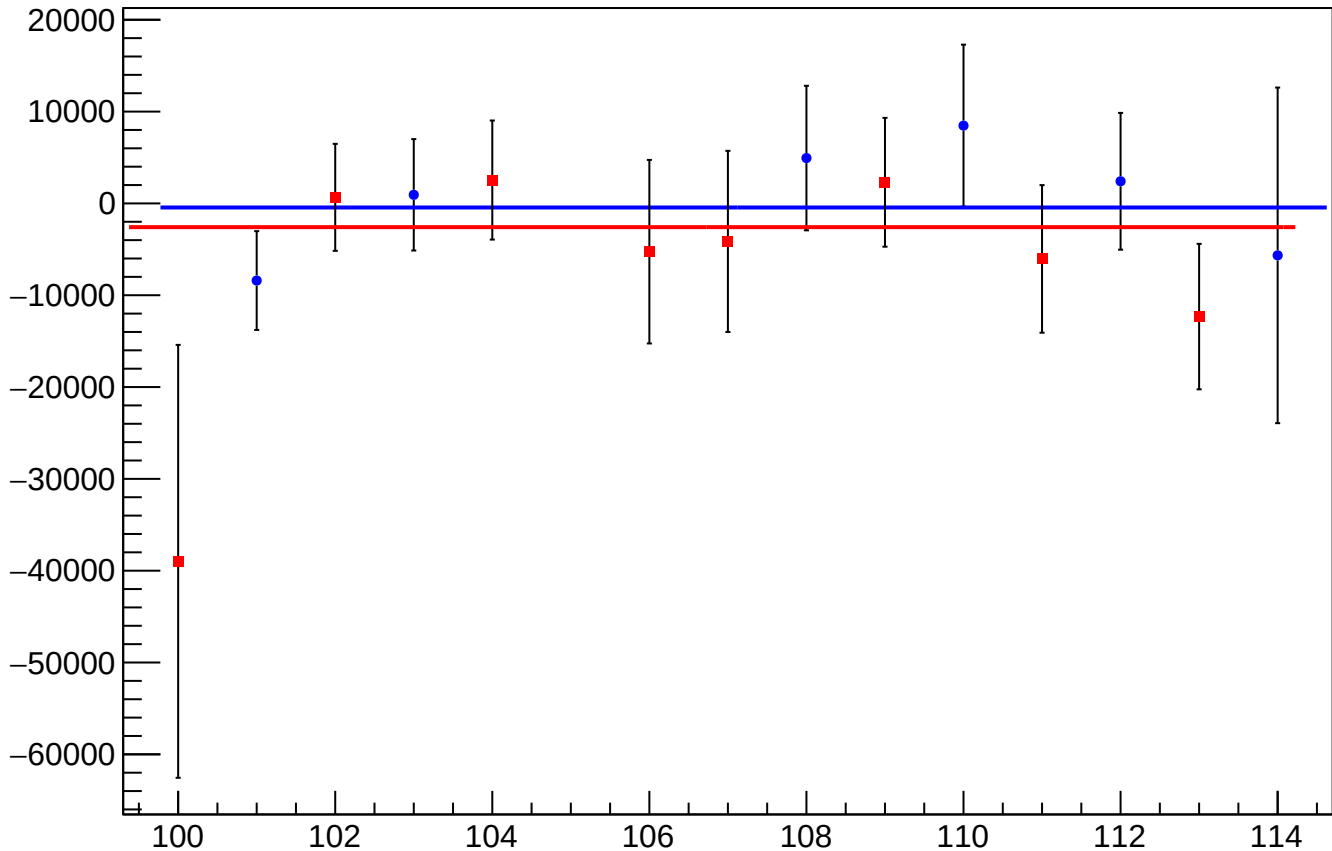
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 444.067 $\pm$ 0.130 χ^2 /NDF: 14892.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -443.464+/-2991.423 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2585.166+/-2805.351 χ^2/NDF : 5.6/7

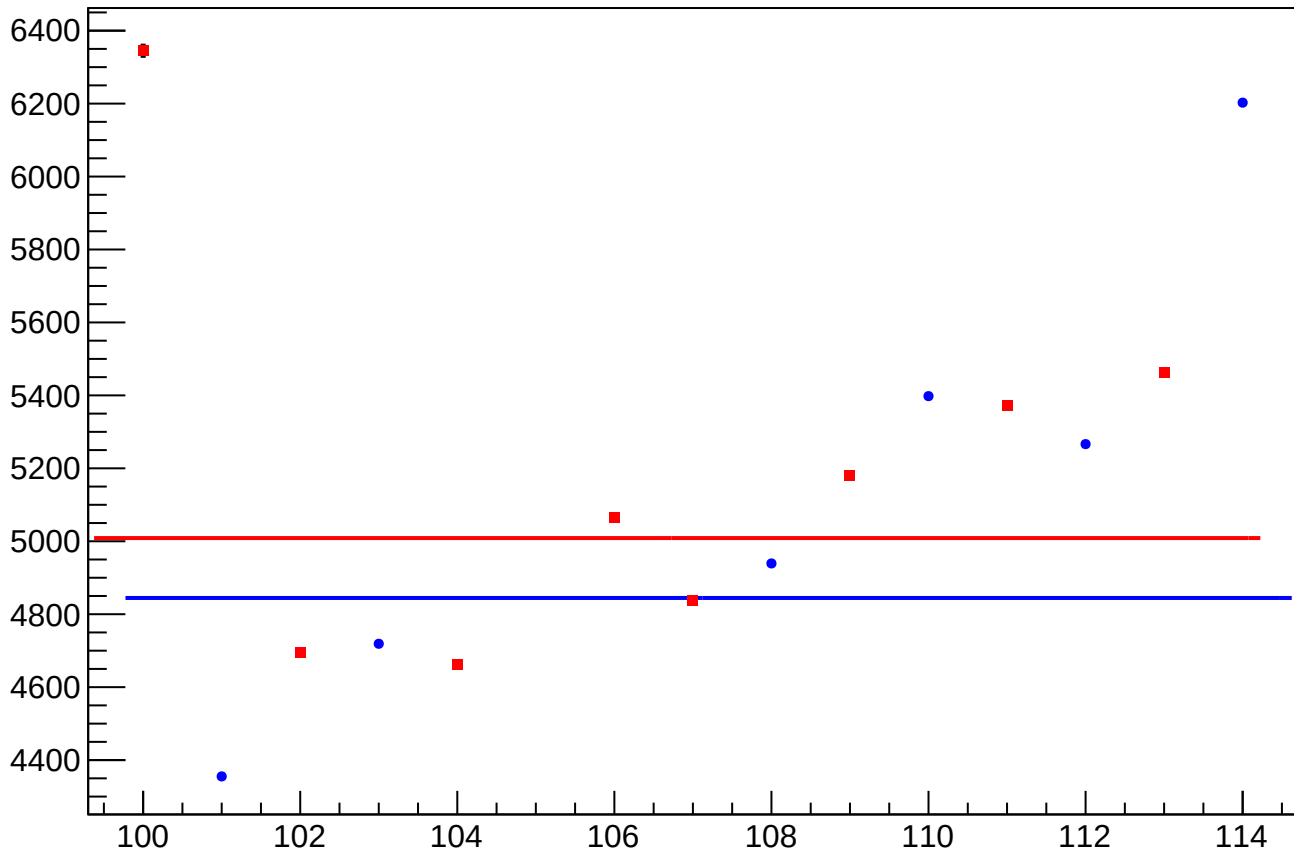
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1582.991+/-2046.304 χ^2/NDF : 9.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 4844.560+/-2.115 χ^2/NDF : 43028.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5008.794+/-1.984 χ^2/NDF : 30453.5/7

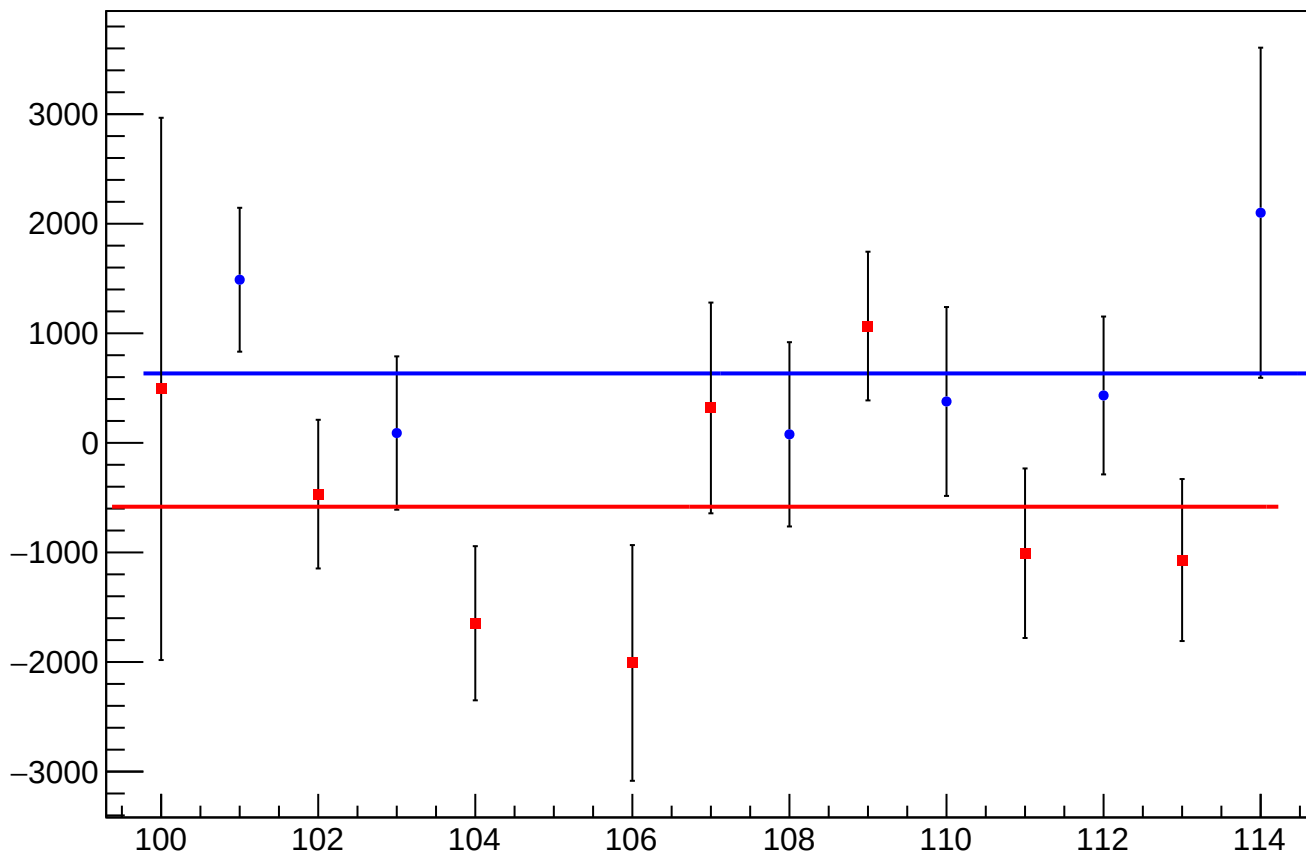
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4931.943+/-1.447 χ^2/NDF : 76689.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_mean vs Slug



Right In: 633.801+/-324.615 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -582.680+/-288.989 χ^2/NDF : 11.8/7

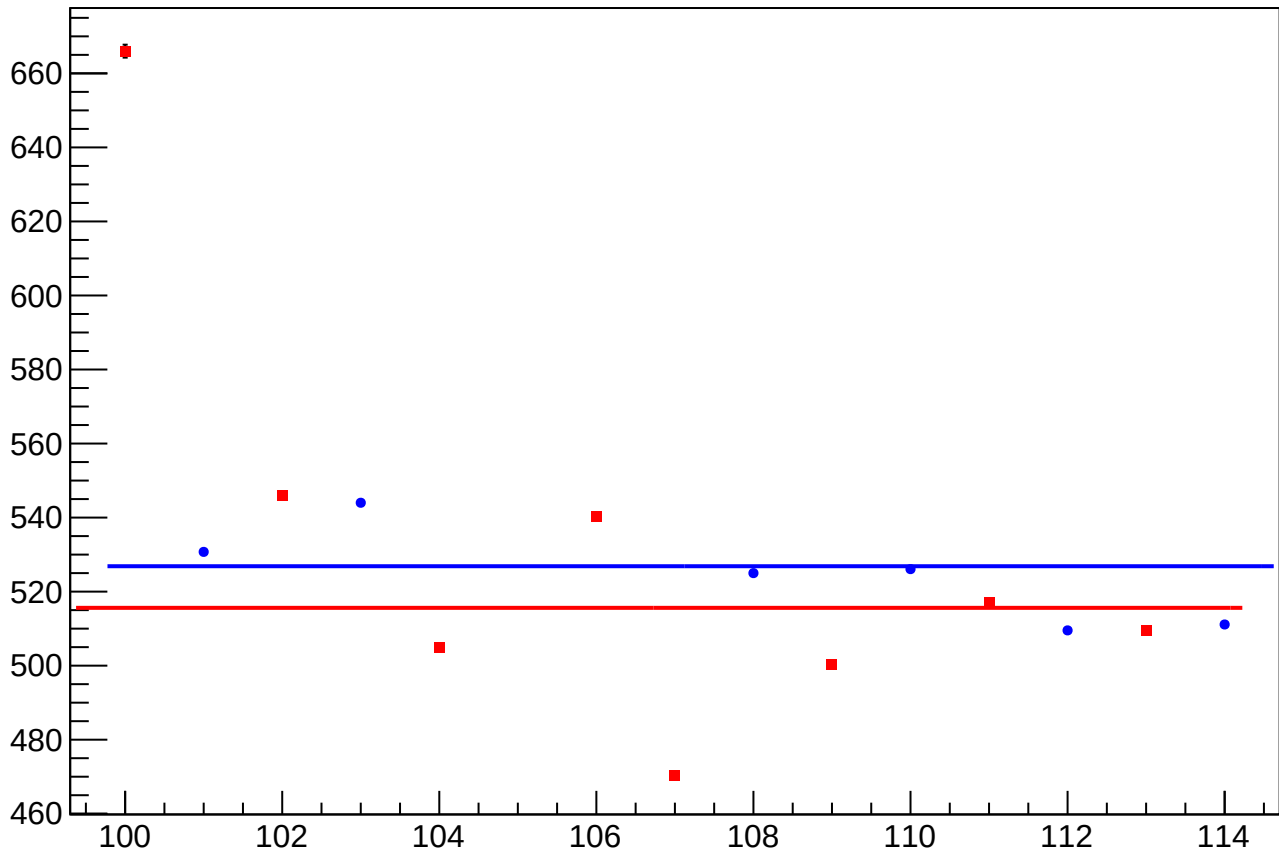
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.833+/-215.847 χ^2/NDF : 23.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 526.860 $\pm$ 0.230 χ^2 /NDF: 2658.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 515.618 $\pm$ 0.204 χ^2 /NDF: 18503.3/7

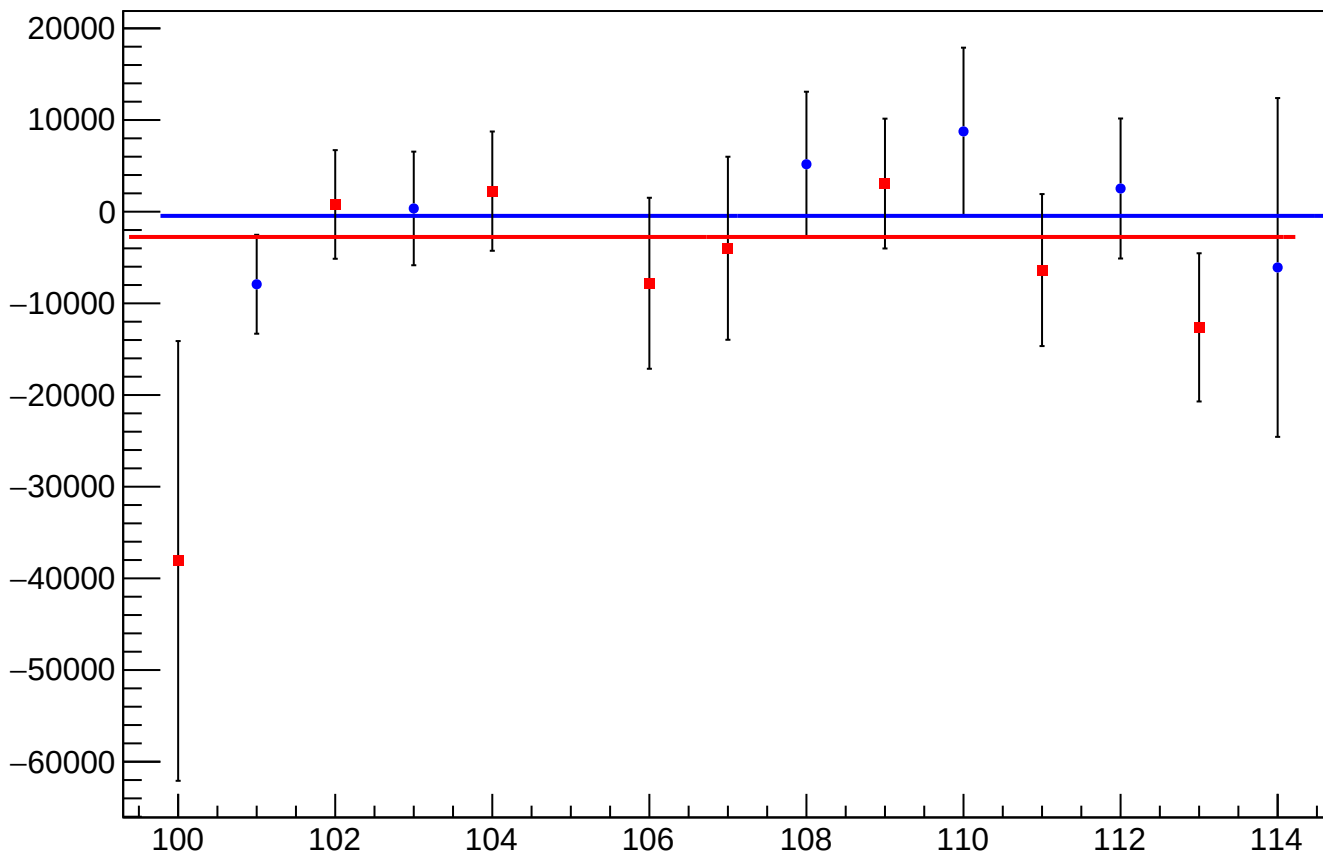
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 520.589 $\pm$ 0.153 χ^2 /NDF: 22499.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -456.504 $\pm$ 3036.802 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2757.438 $\pm$ 2826.458 χ^2 /NDF: 5.8/7

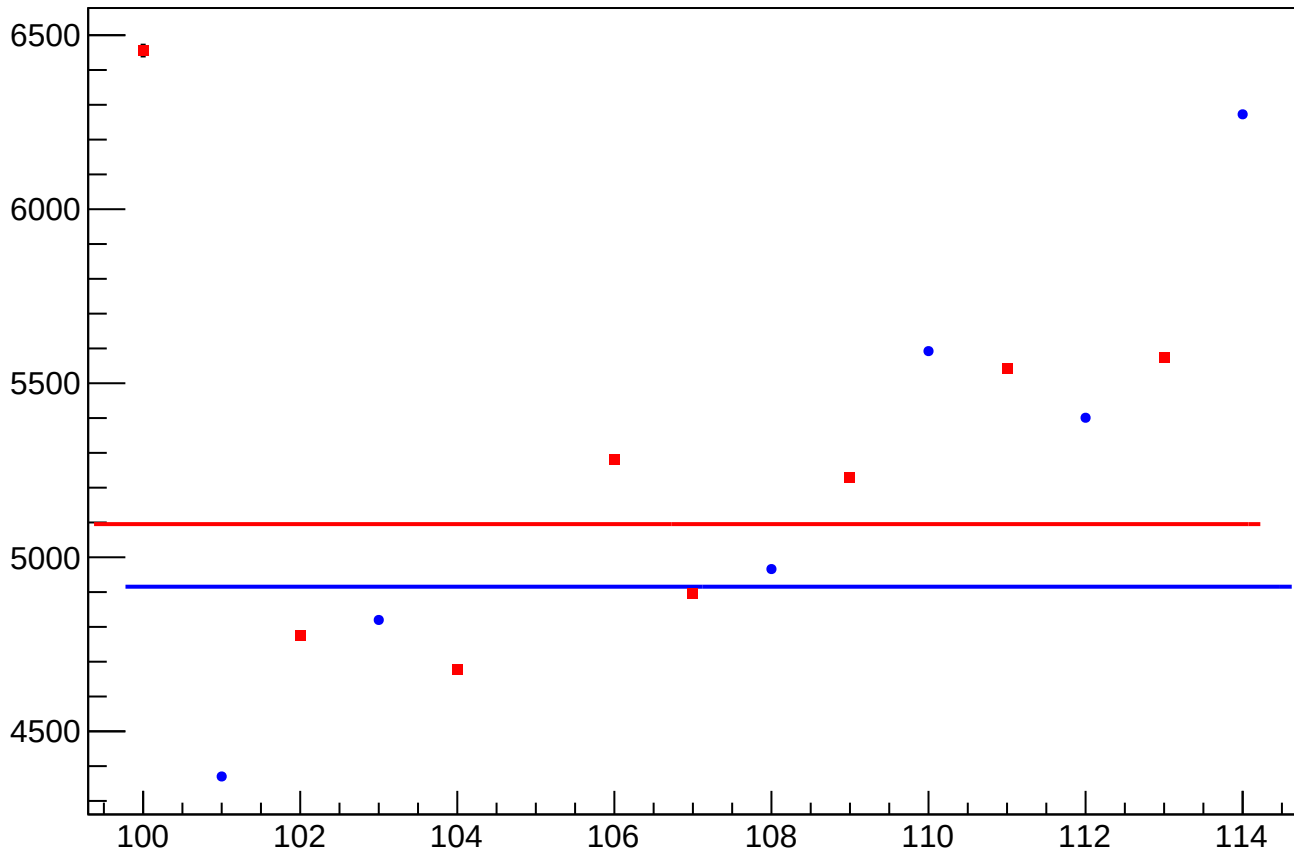
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1689.411 $\pm$ 2068.976 χ^2 /NDF: 9.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 4915.491 $\pm$ 2.147 χ^2 /NDF: 50824.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5095.302 $\pm$ 1.999 χ^2 /NDF: 35580.9/7

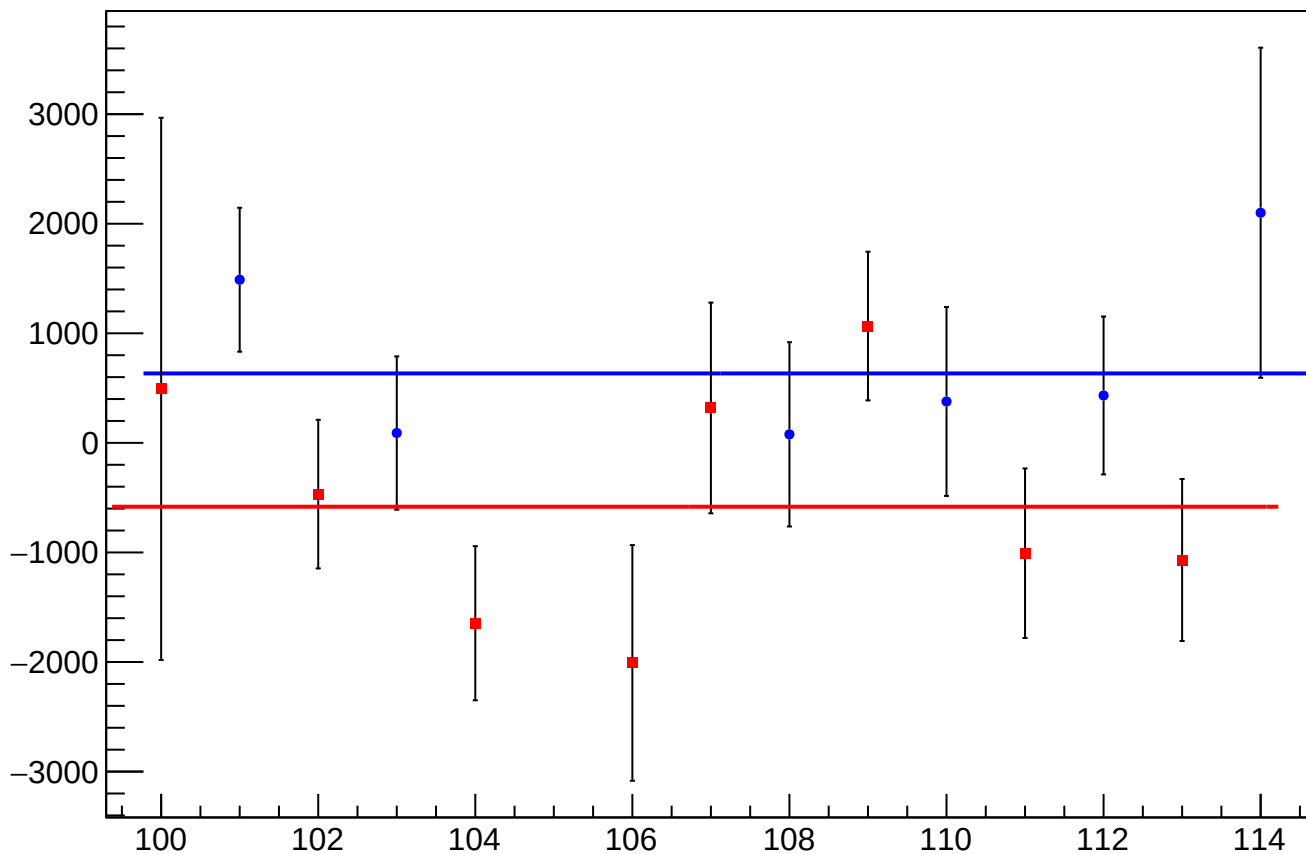
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5011.839 $\pm$ 1.463 χ^2 /NDF: 90162.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 633.783 $\pm$ 324.613 χ^2 /NDF: 3.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -582.668 $\pm$ -288.987 χ^2 /NDF: 11.8/7

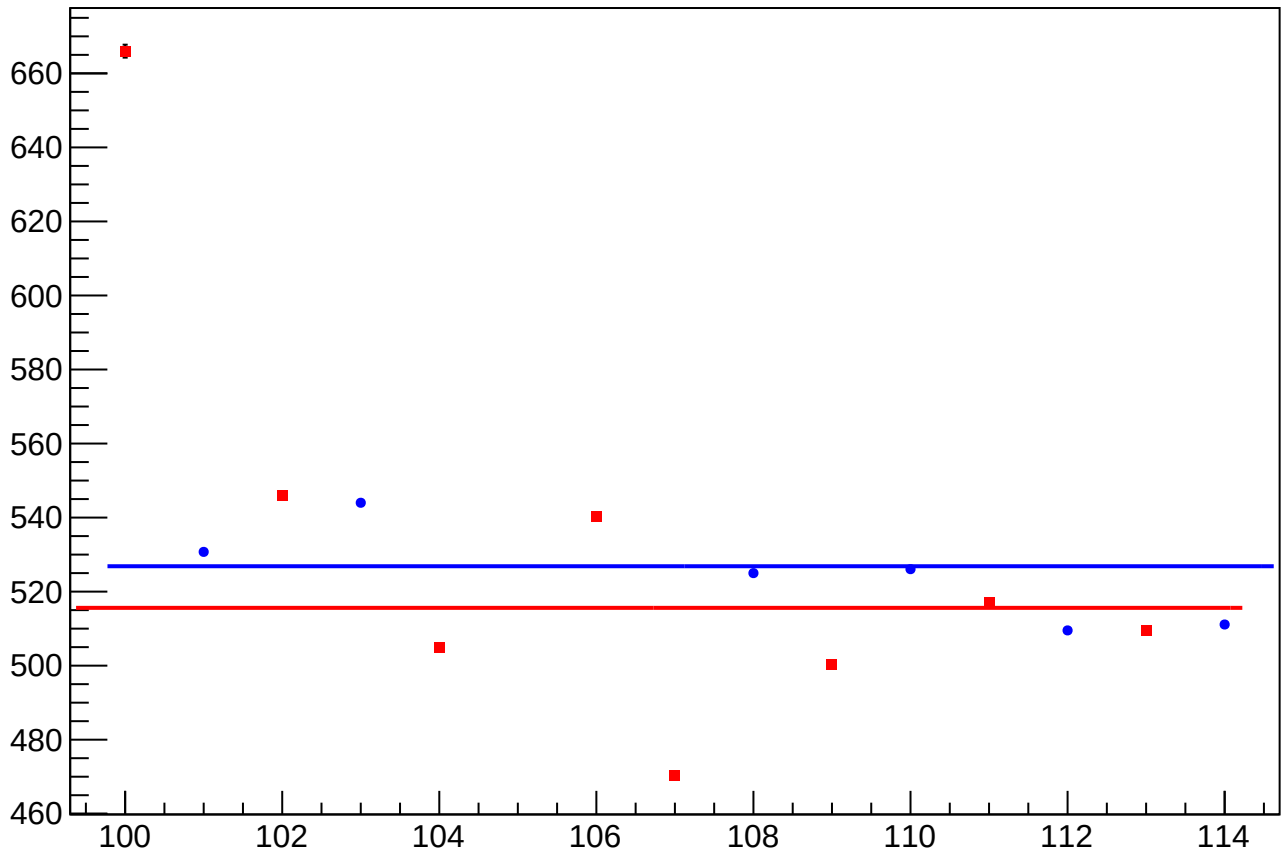
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -44.834 $\pm$ -215.845 χ^2 /NDF: 23.5/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 526.856+/-0.230 χ^2/NDF : 2658.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 515.615+/-0.204 χ^2/NDF : 18503.0/7

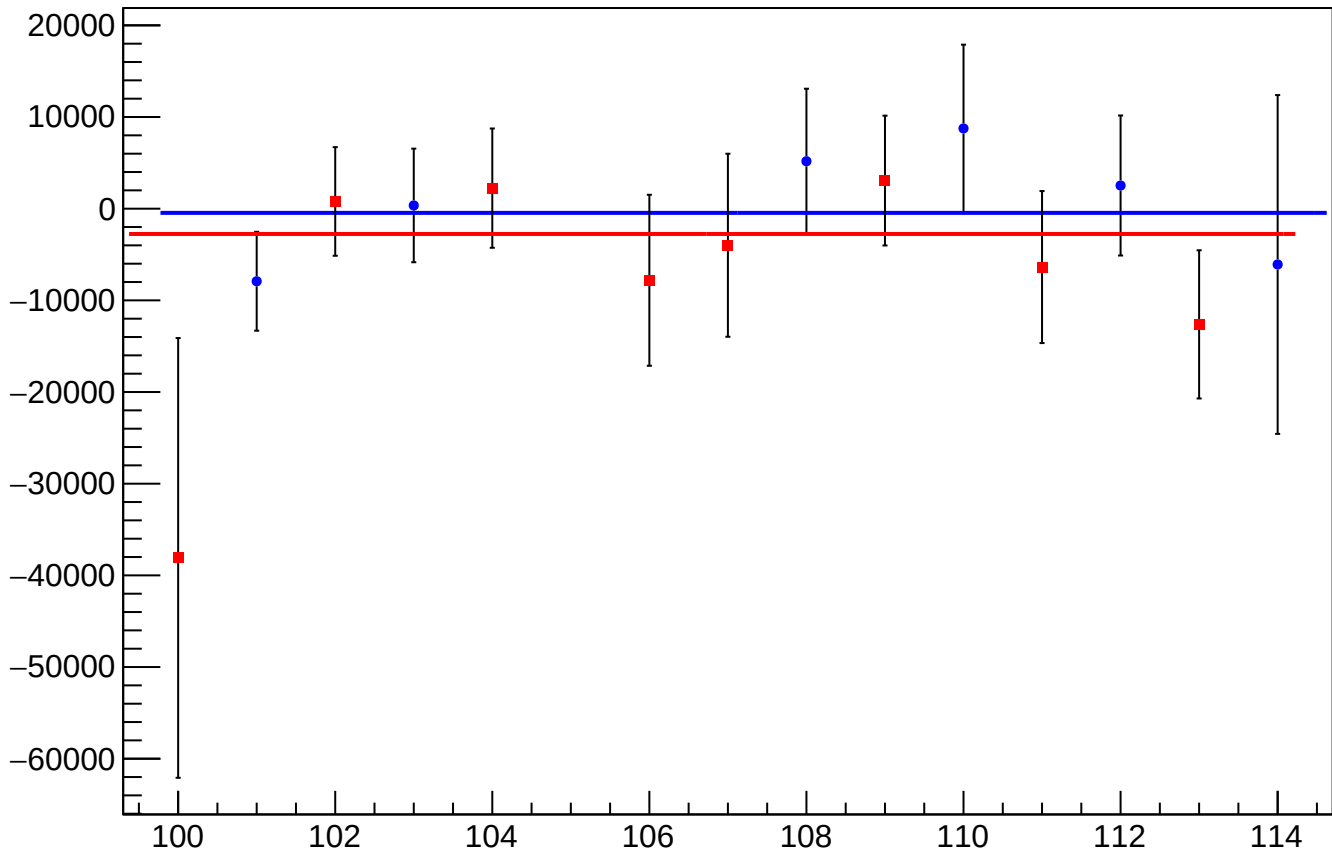
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.585+/-0.153 χ^2/NDF : 22499.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -456.504+/-3036.793 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2757.430+/-2826.449 χ^2/NDF : 5.8/7

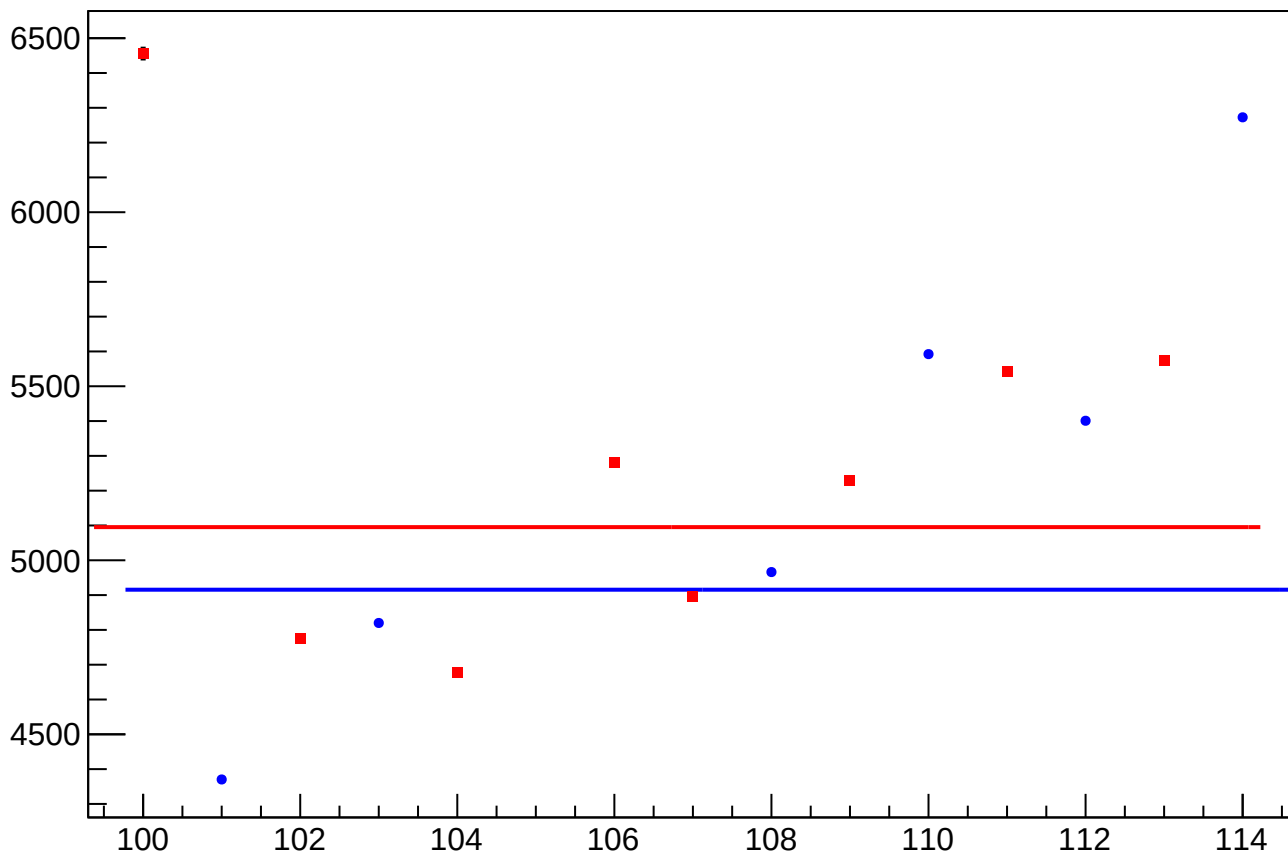
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1689.407+/-2068.970 χ^2/NDF : 9.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4915.478+/-2.147 χ^2/NDF : 50822.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5095.286+/-1.999 χ^2/NDF : 35580.5/7

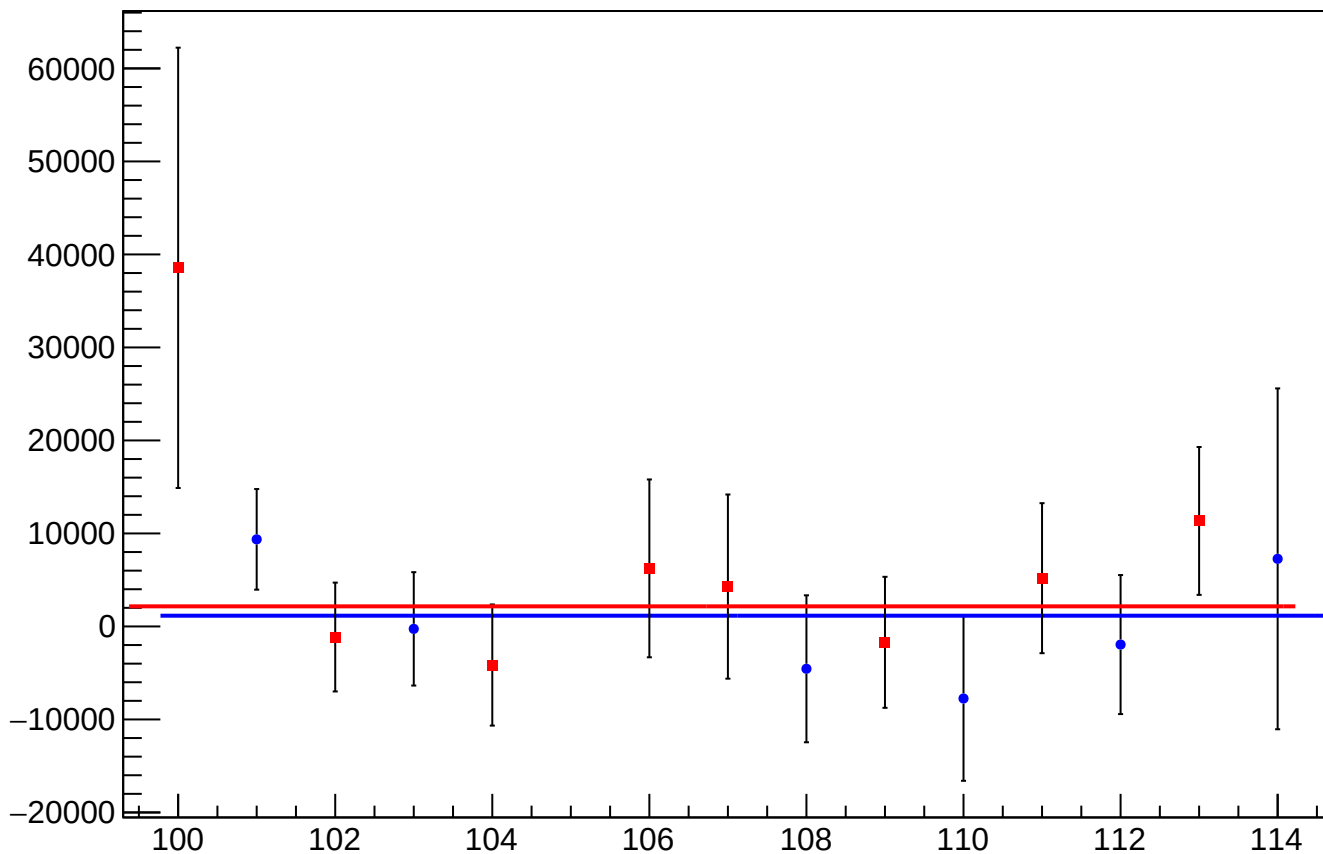
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5011.824+/-1.463 χ^2/NDF : 90160.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 1154.238 $\pm$ 3004.773 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2161.027 $\pm$ 2805.353 χ^2 /NDF: 5.6/7

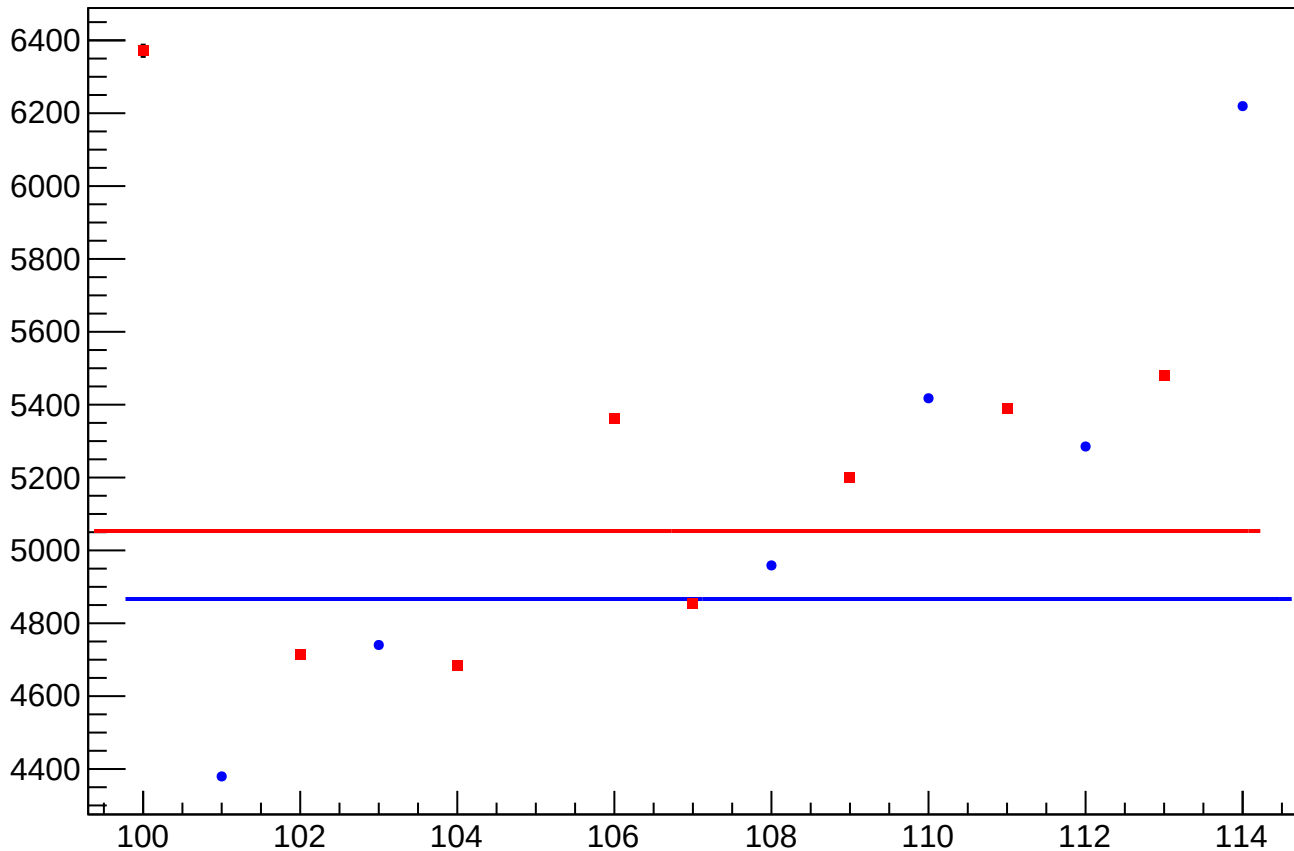
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1692.148 $\pm$ 2050.562 χ^2 /NDF: 9.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_rms vs Slug



Right In: 4866.606 $\pm$ 2.125 χ^2 /NDF: 42261.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5053.269 $\pm$ 1.984 χ^2 /NDF: 32359.4/7

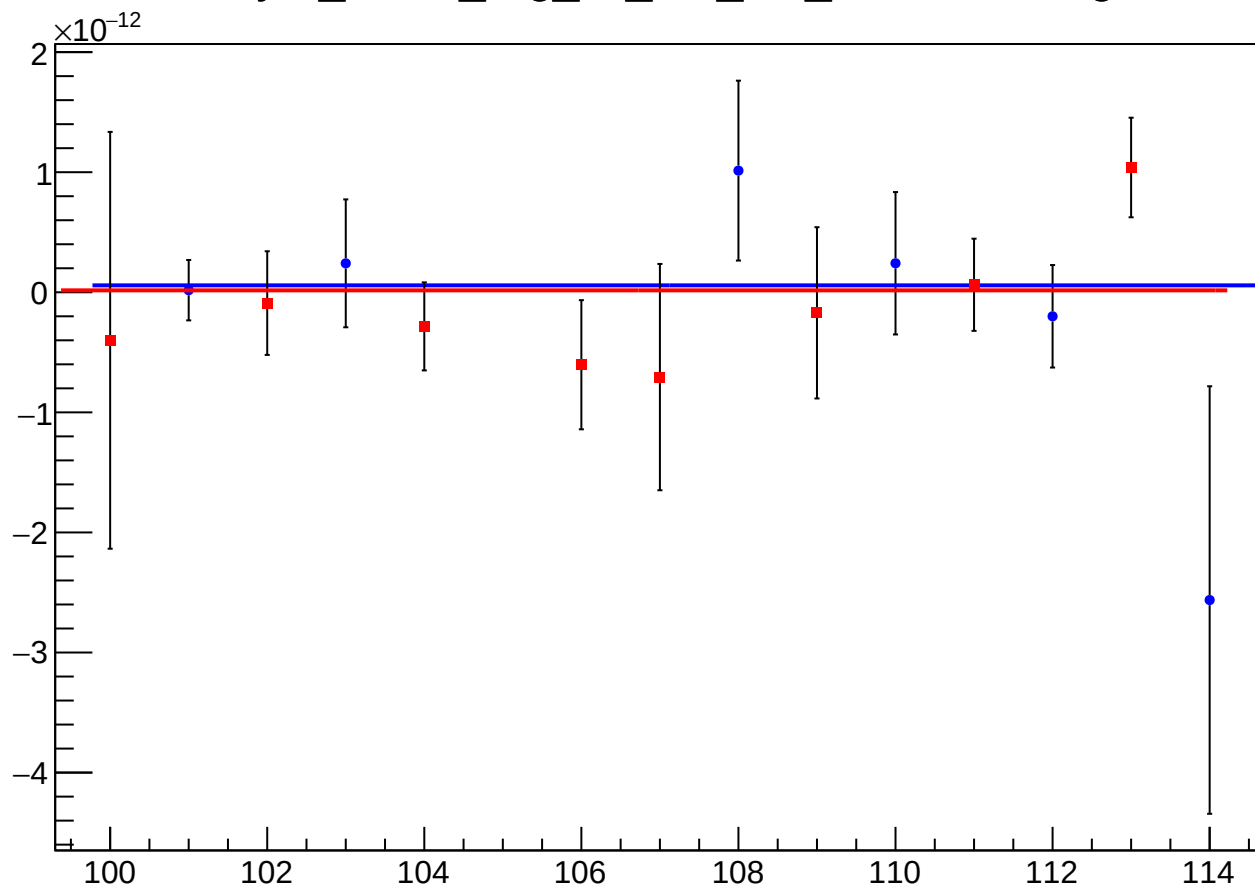
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4966.337 $\pm$ 1.450 χ^2 /NDF: 78744.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8.9/7

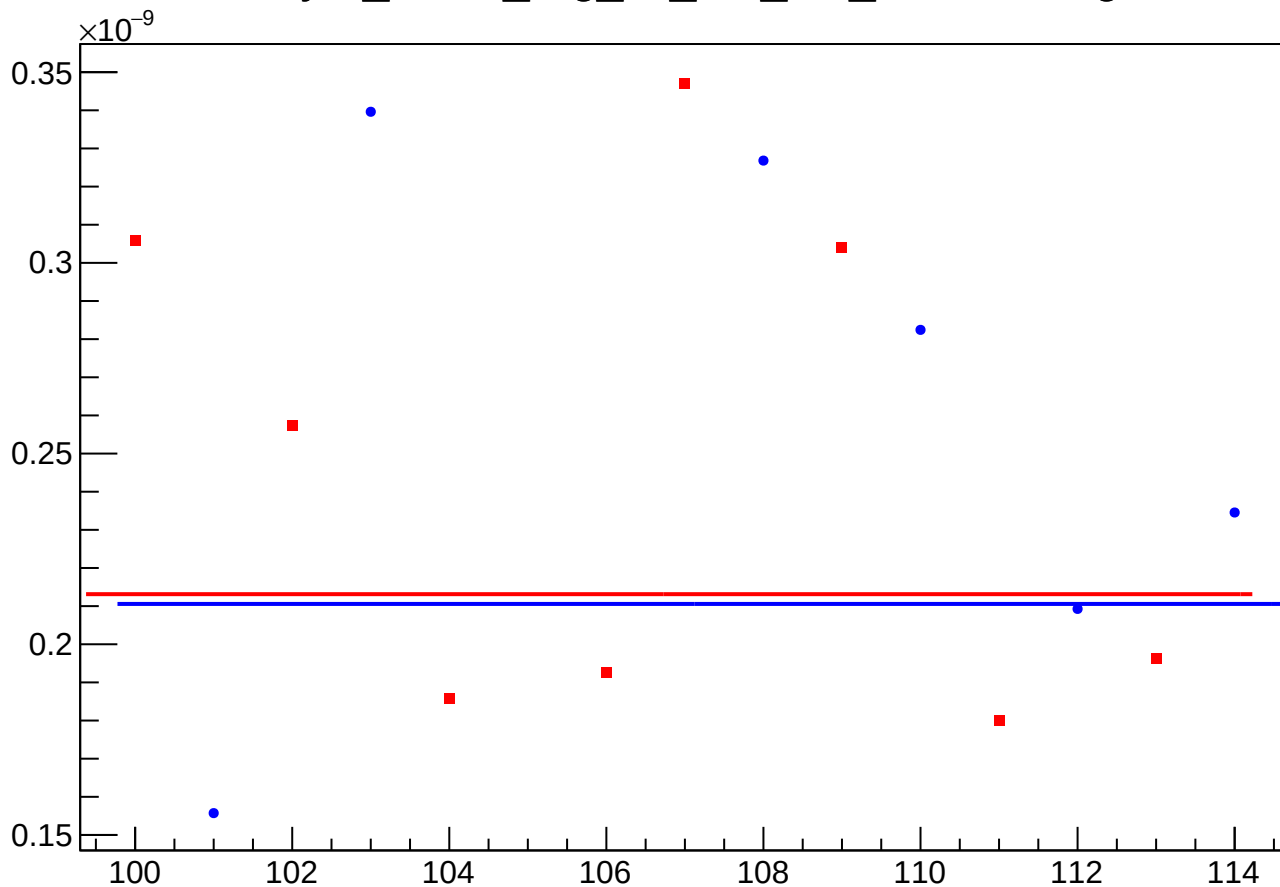
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 290501.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 131704.9/7

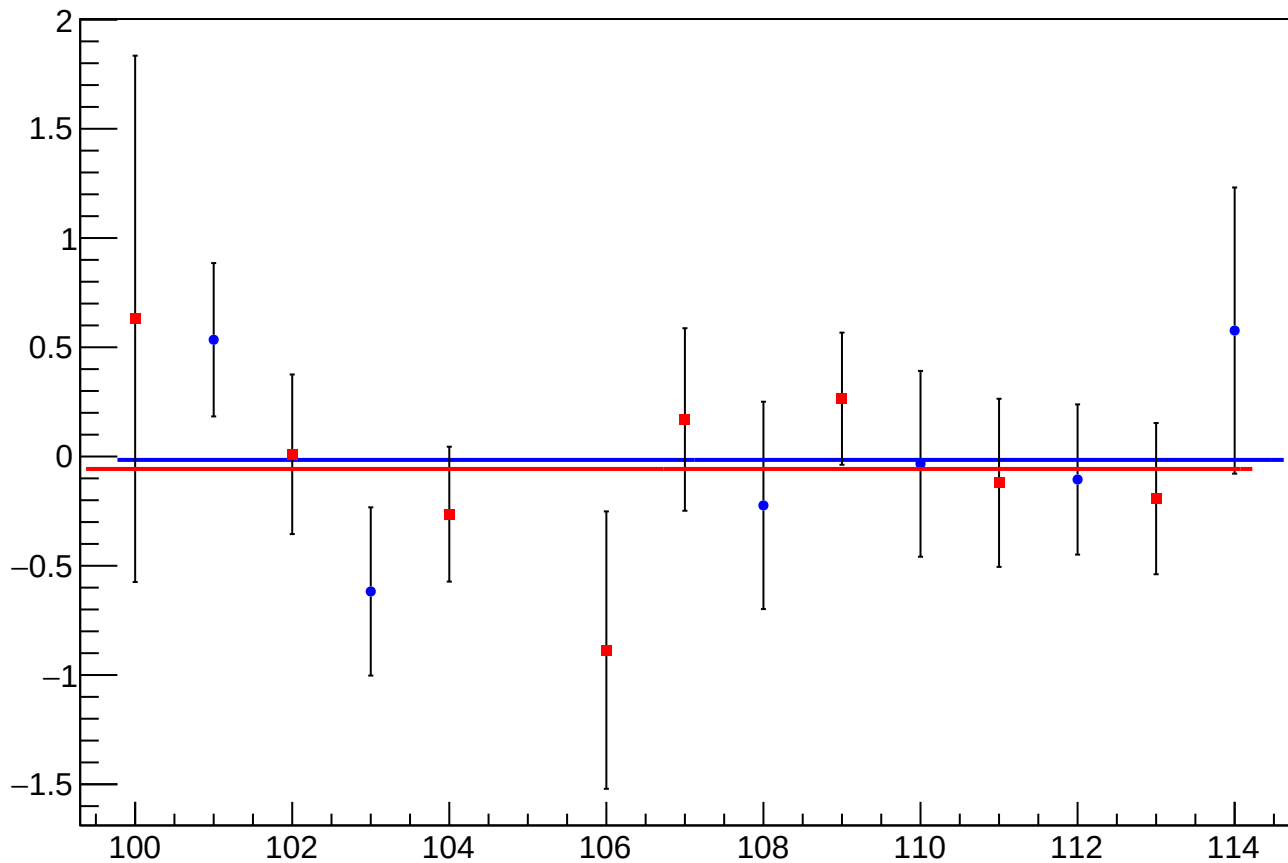
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 422410.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.015+/-0.168 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.137 χ^2/NDF : 4.1/7

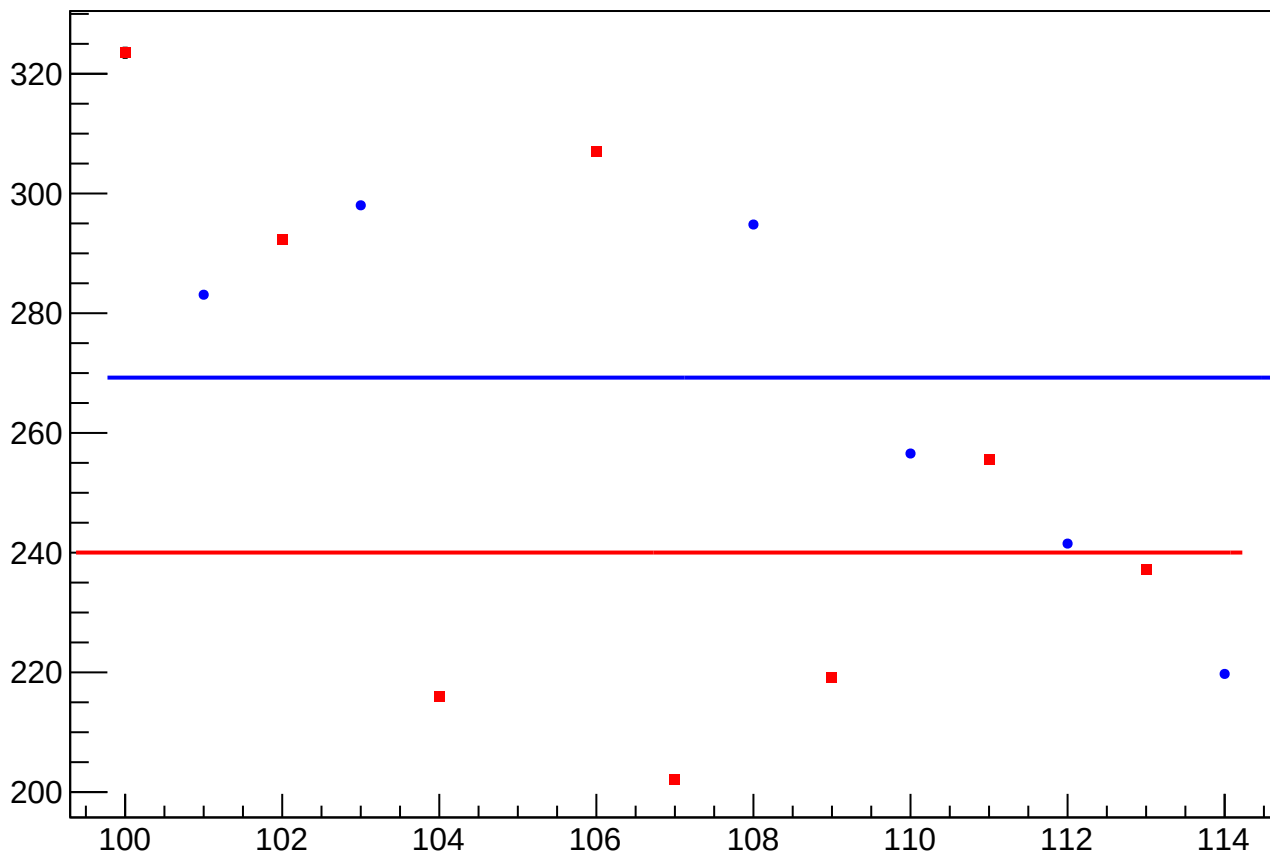
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-0.106 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 269.243 $\pm$ 0.118 χ^2 /NDF: 46323.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.019 $\pm$ 0.097 χ^2 /NDF: 114267.6/7

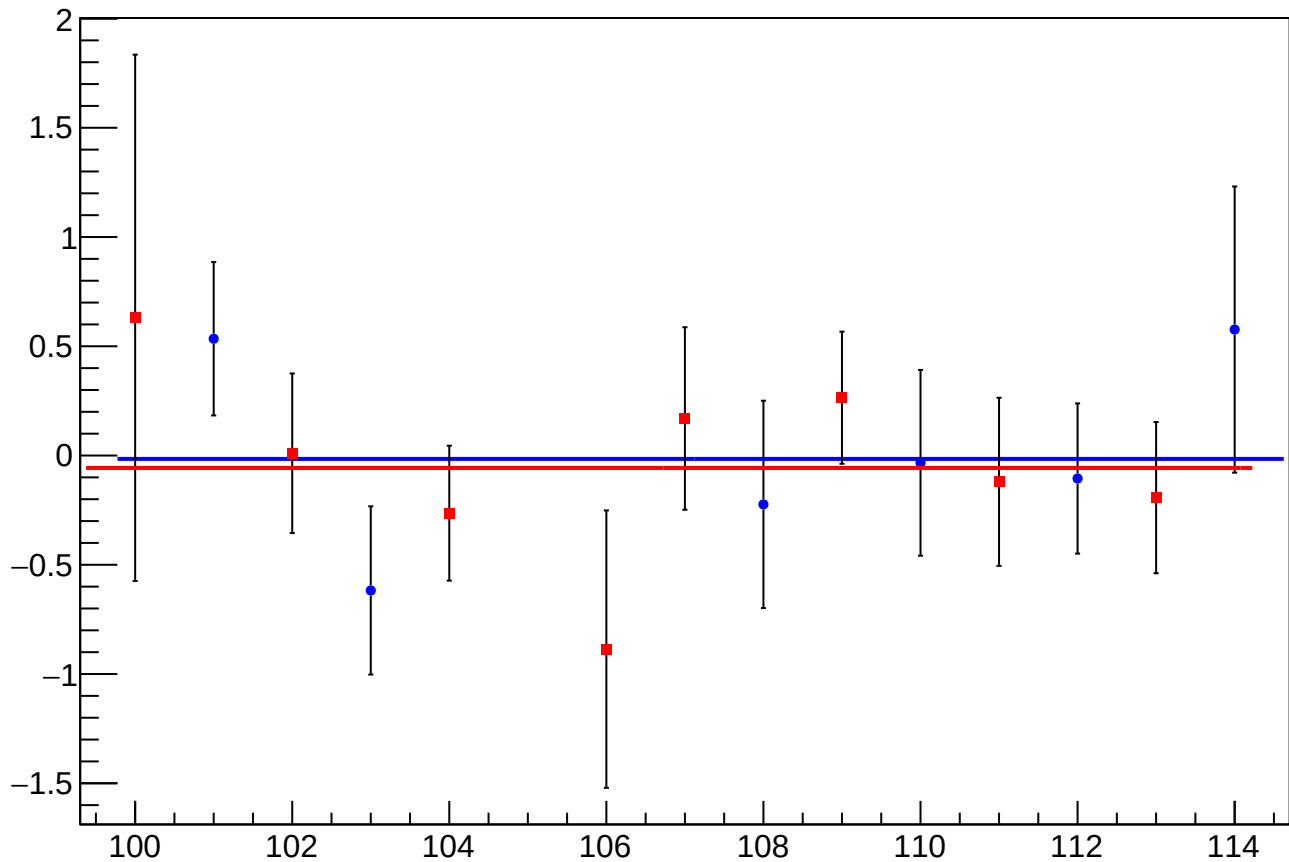
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.777 $\pm$ 0.075 χ^2 /NDF: 196970.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015 $\pm$ 0.168 χ^2 /NDF: 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.057 $\pm$ 0.137 χ^2 /NDF: 4.1/7

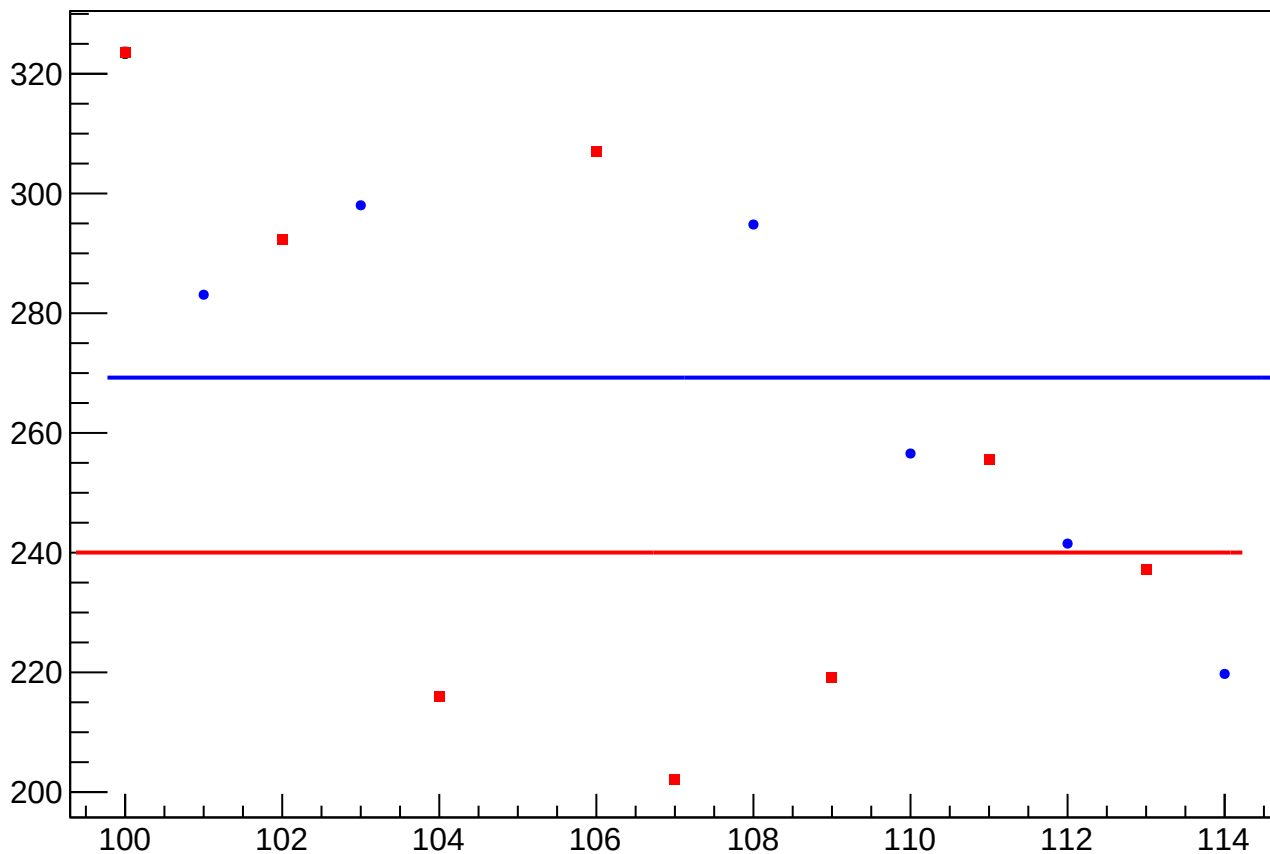
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.040 $\pm$ 0.106 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 269.243 $\pm$ 0.118 χ^2 /NDF: 46323.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 240.019 $\pm$ 0.097 χ^2 /NDF: 114267.6/7

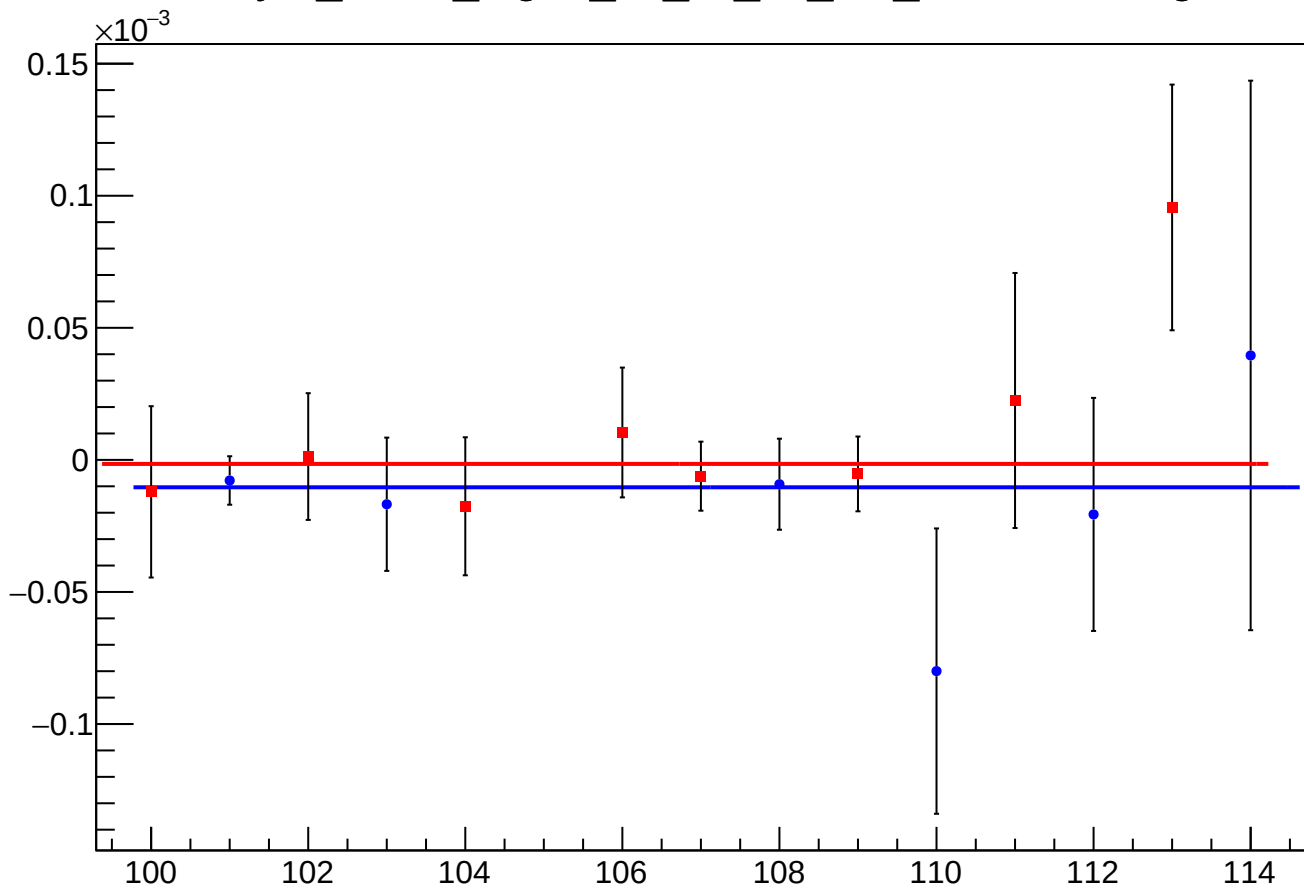
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.777 $\pm$ 0.075 χ^2 /NDF: 196970.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/7

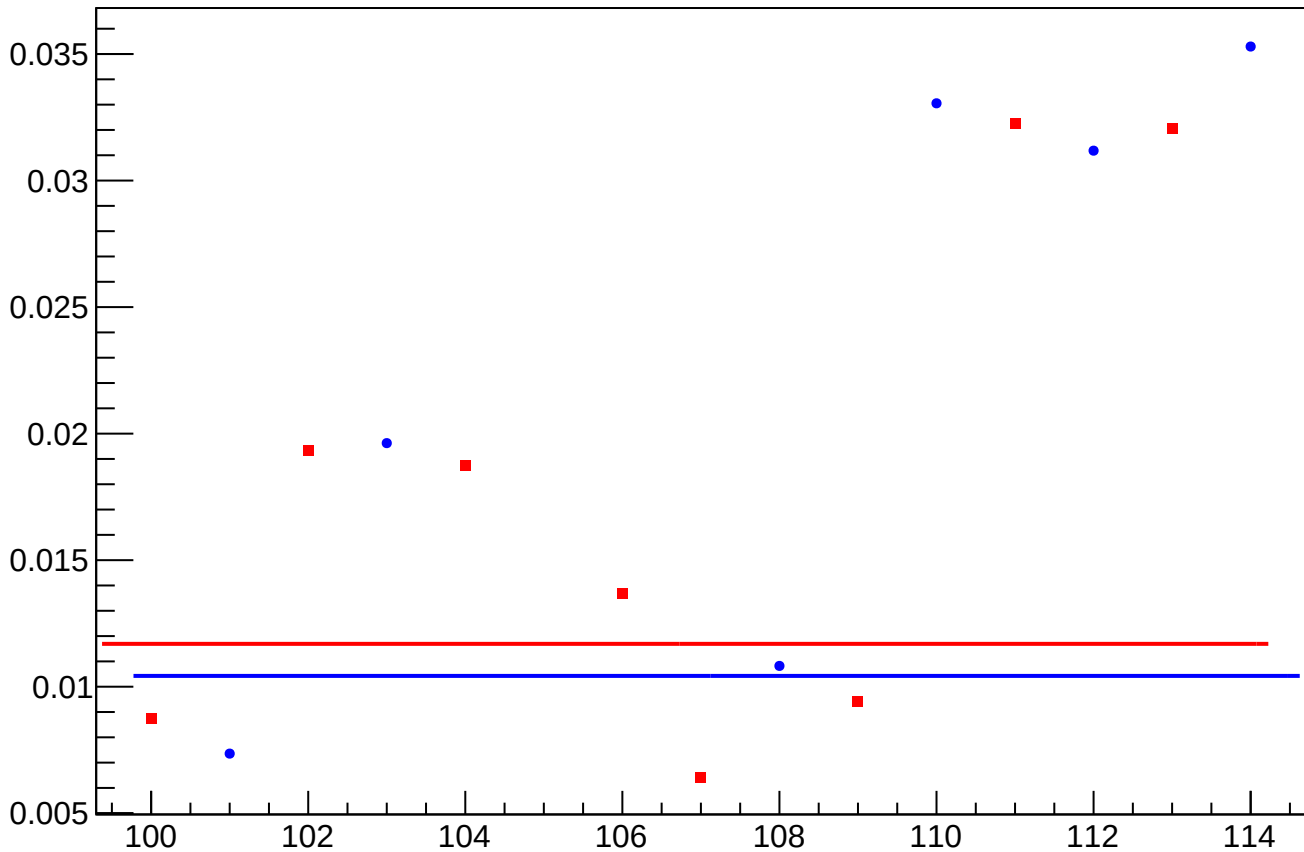
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1398963.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1503189.7/7

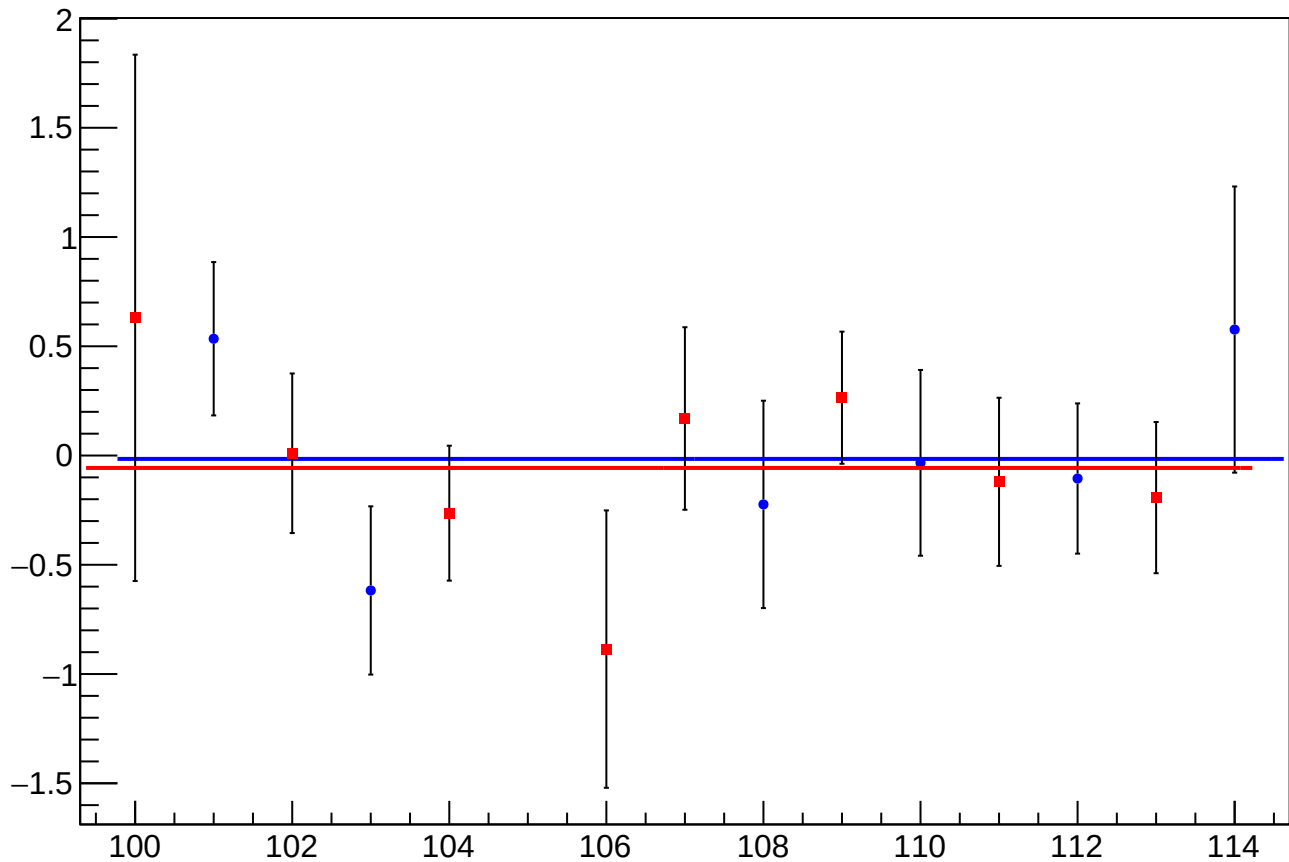
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2930472.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.015+/-0.168 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.137 χ^2/NDF : 4.1/7

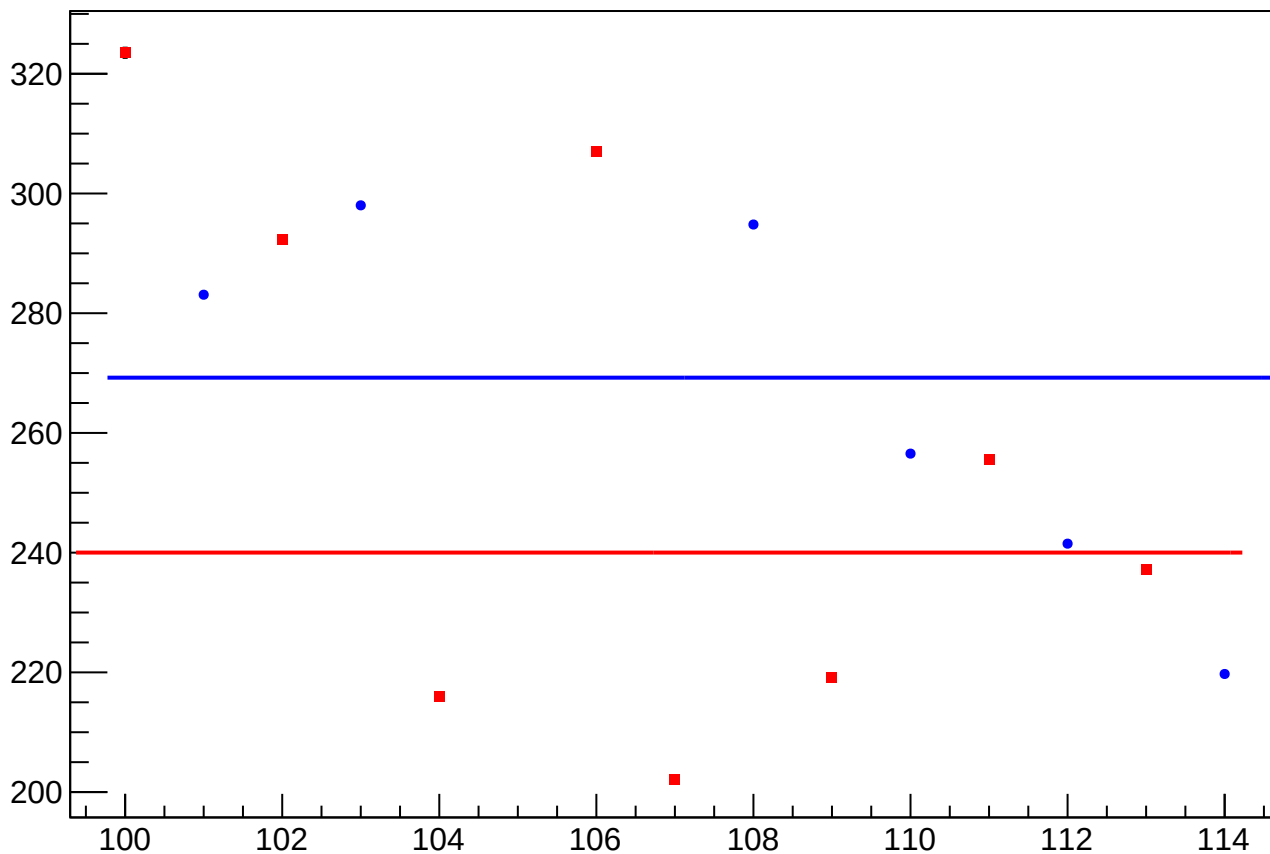
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-0.106 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 269.234 $\pm$ 0.118 χ^2 /NDF: 46344.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.013 $\pm$ 0.097 χ^2 /NDF: 114263.3/7

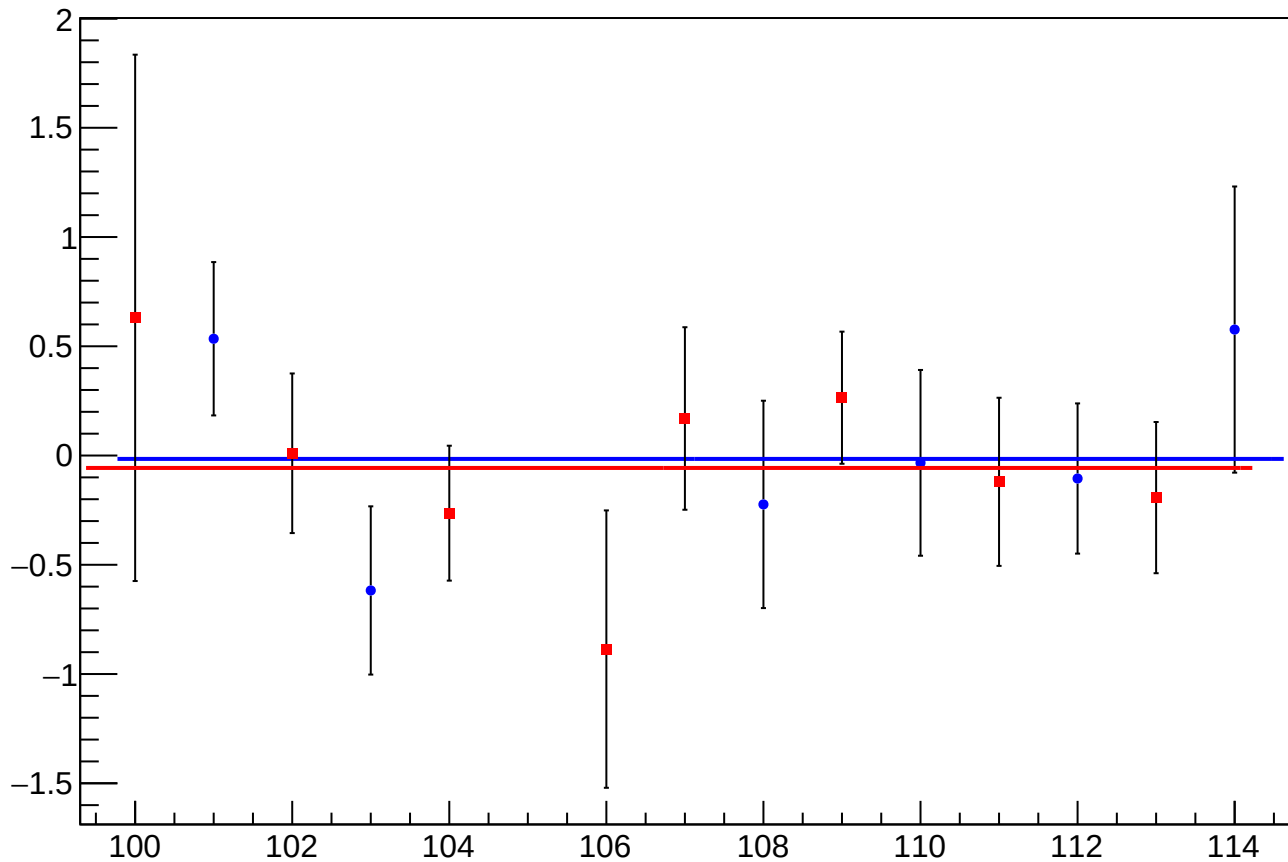
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.770 $\pm$ 0.075 χ^2 /NDF: 196982.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015+/-0.168 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.137 χ^2/NDF : 4.1/7

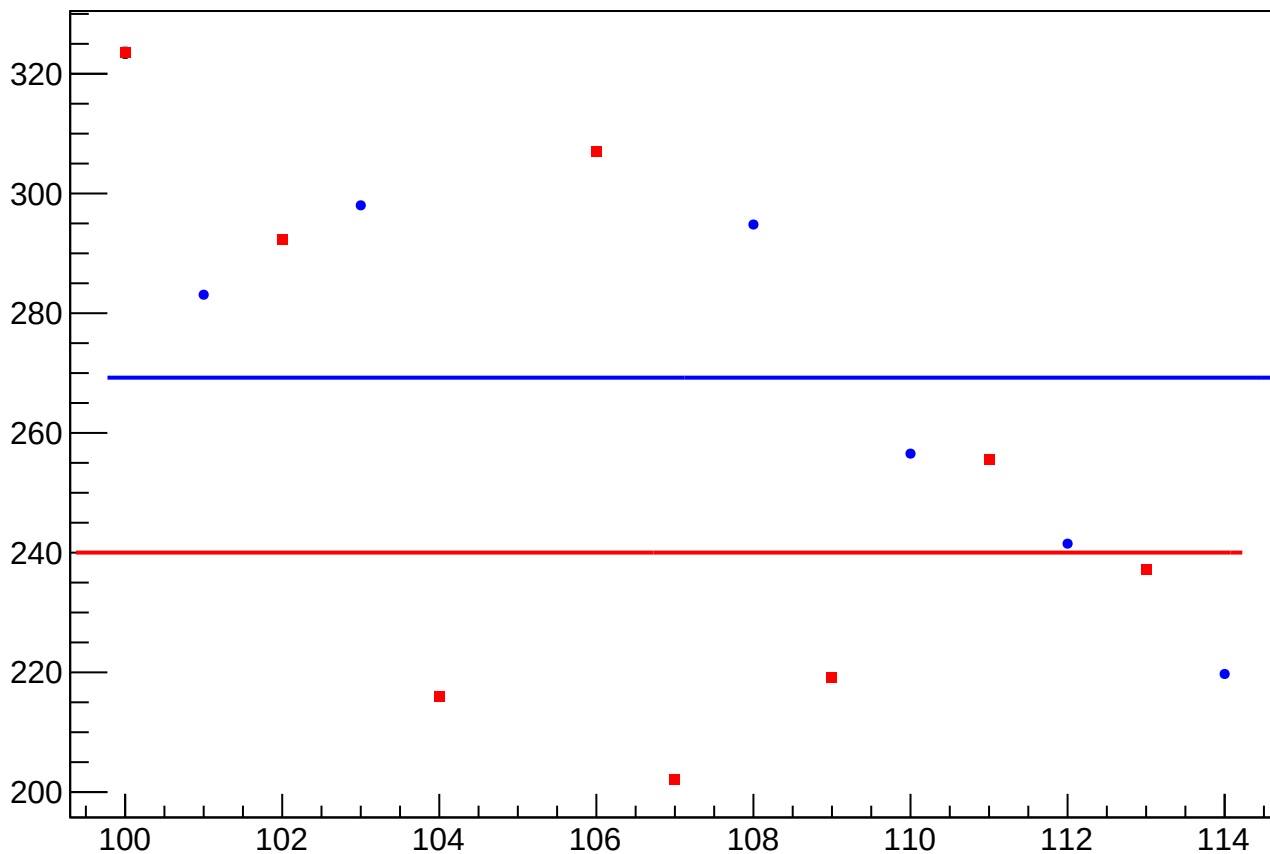
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-0.106 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 269.234 $\pm$ 0.118 χ^2 /NDF: 46344.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.013 $\pm$ 0.097 χ^2 /NDF: 114263.3/7

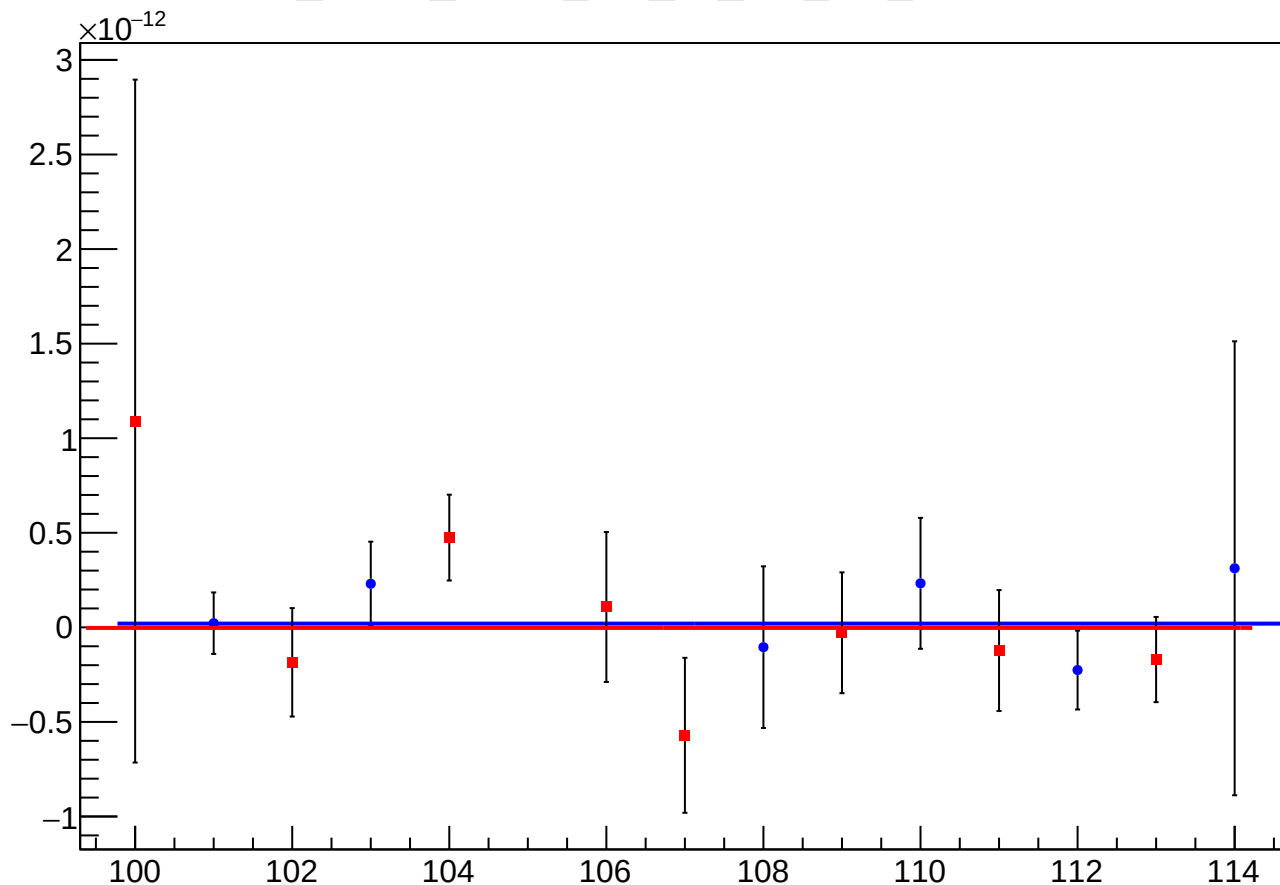
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.770 $\pm$ 0.075 χ^2 /NDF: 196982.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 7.9/7

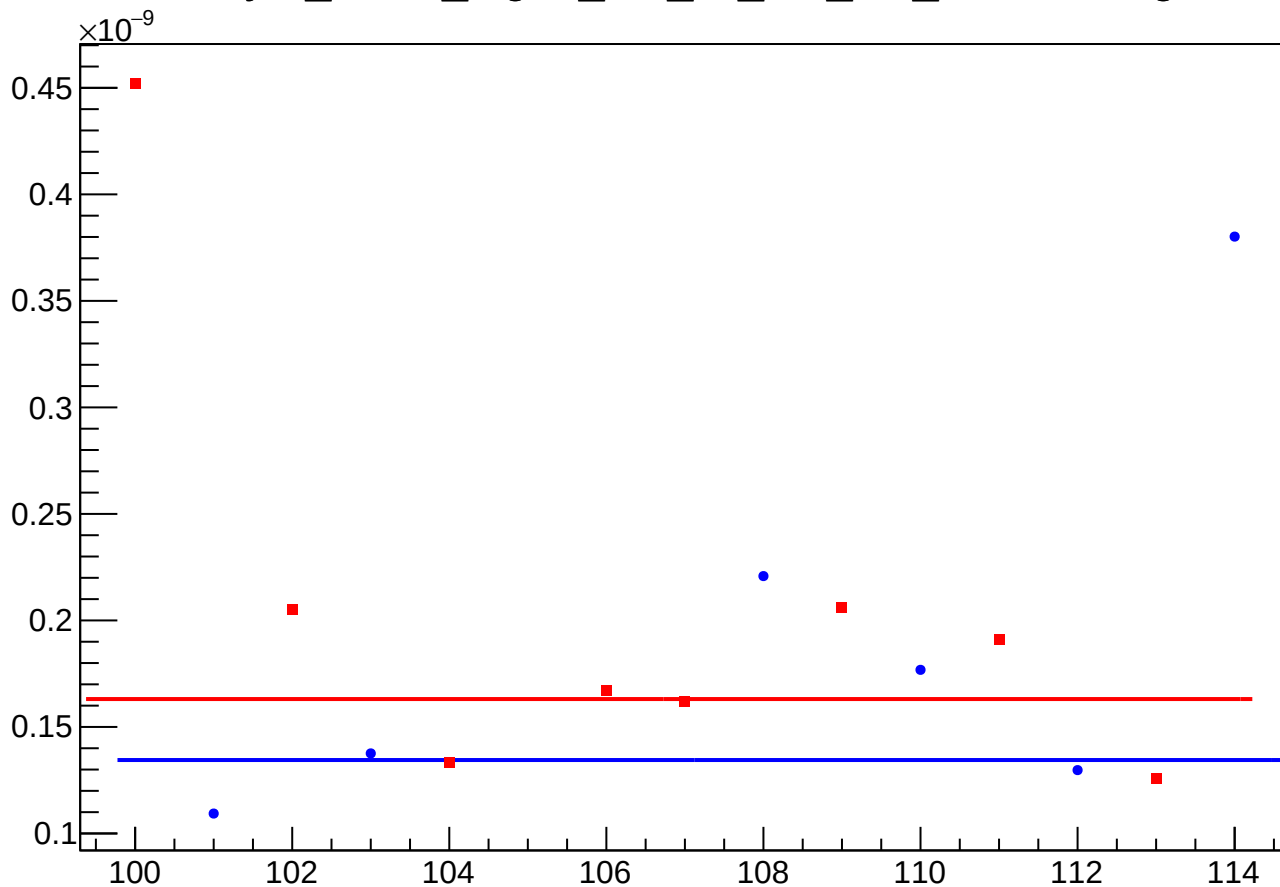
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 244591.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 235300.4/7

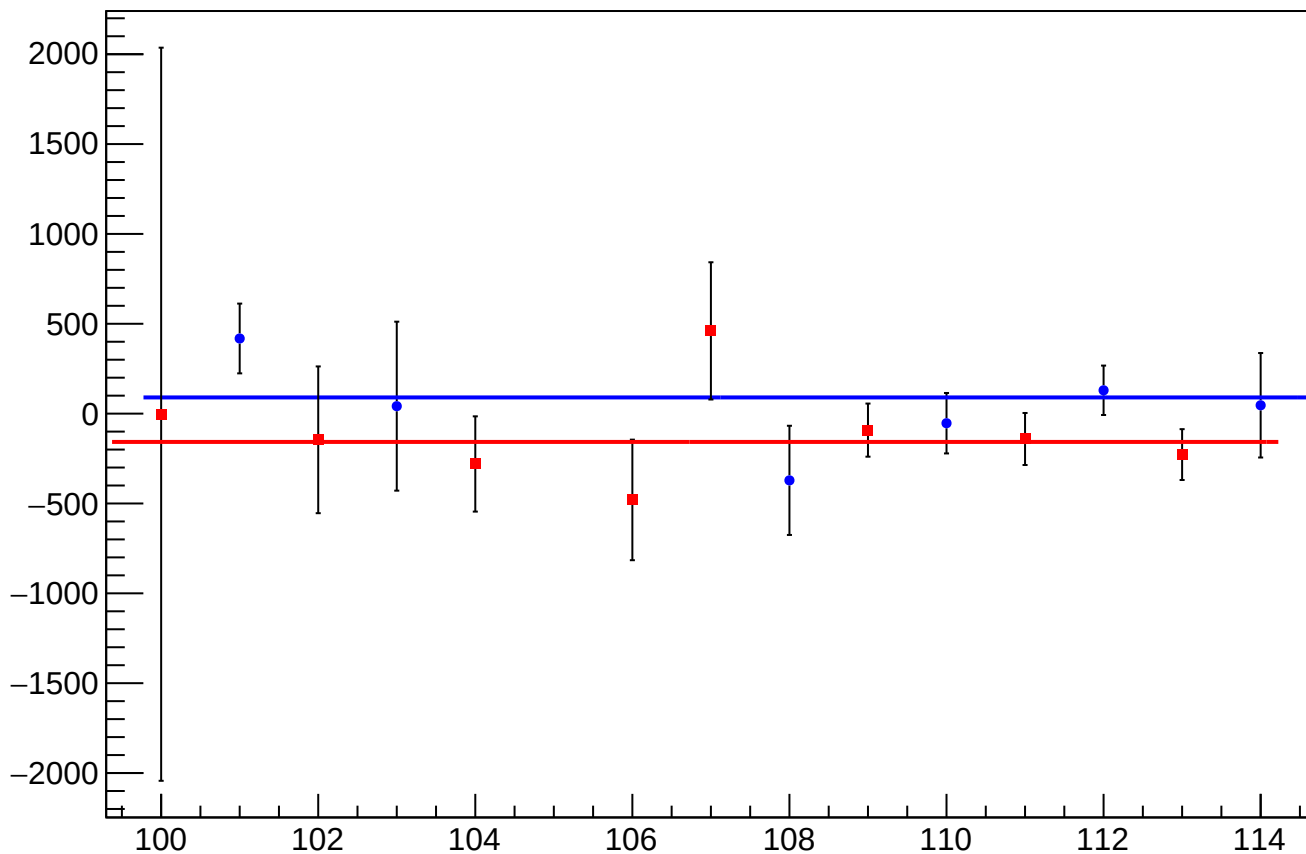
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 552919.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 90.120+/-83.922 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -157.495+/-74.598 χ^2/NDF : 4.2/7

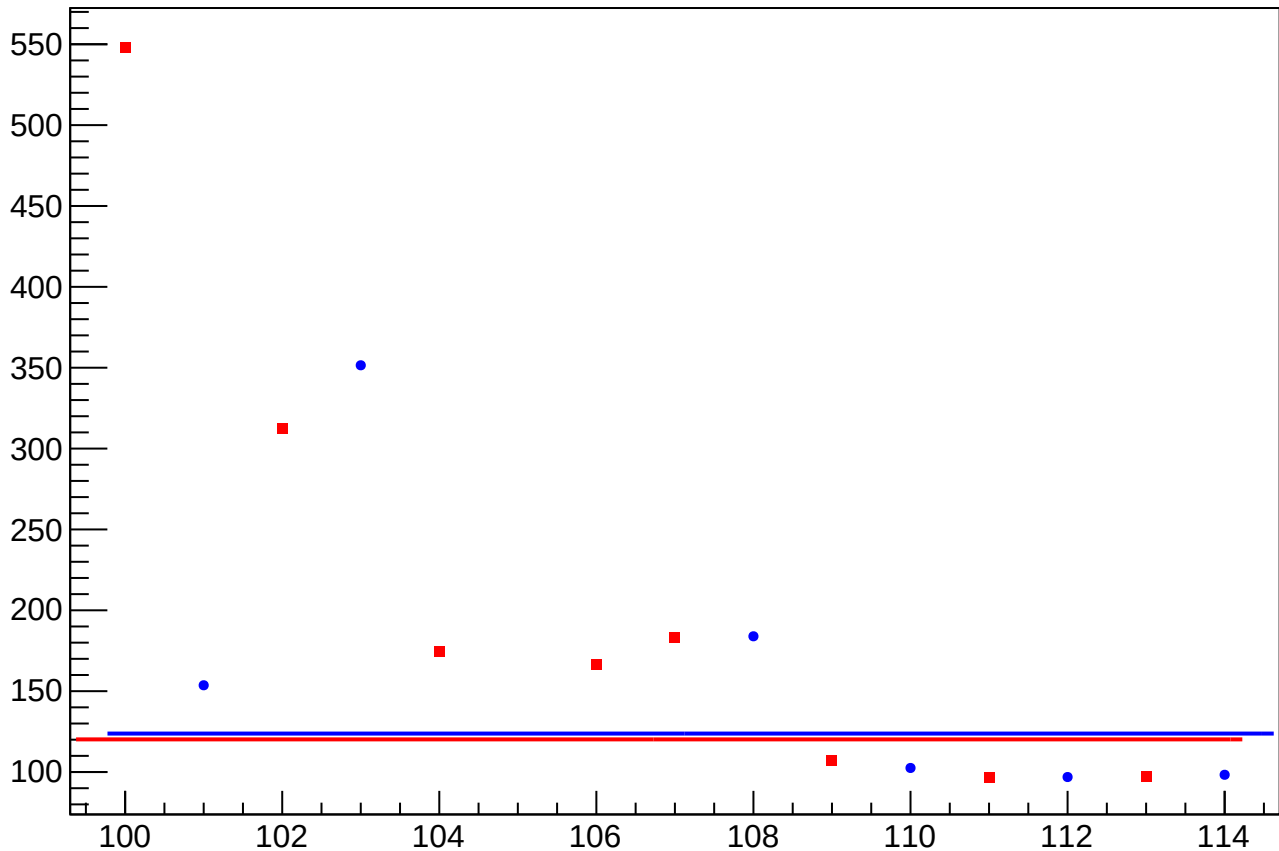
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.200+/-55.755 χ^2/NDF : 15.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 123.784 $\pm$ 0.059 χ^2 /NDF: 718737.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.191 $\pm$ 0.053 χ^2 /NDF: 829027.0/7

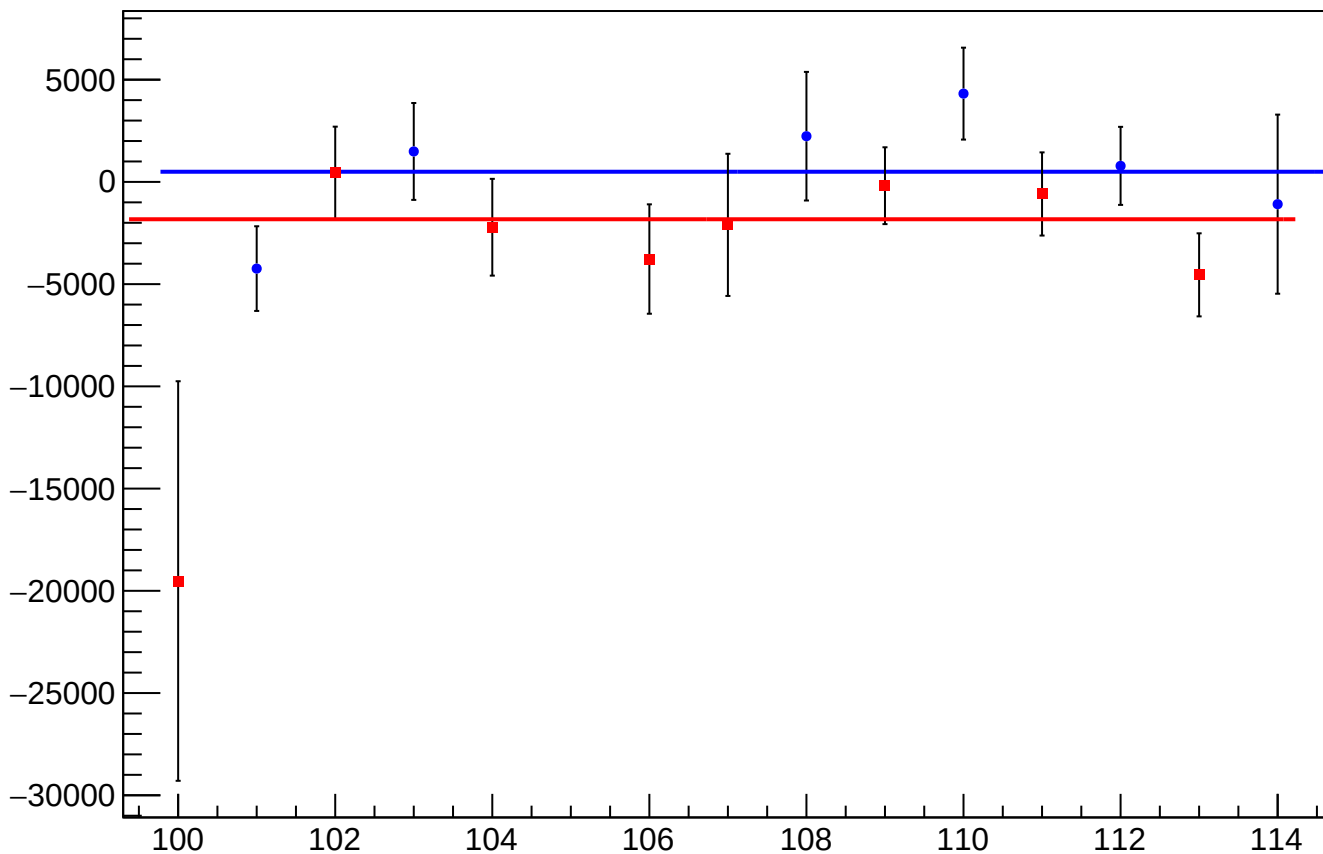
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.777 $\pm$ 0.039 χ^2 /NDF: 1549812.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: 497.313+/-981.997 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1826.633+/-852.907 χ^2/NDF : 7.8/7

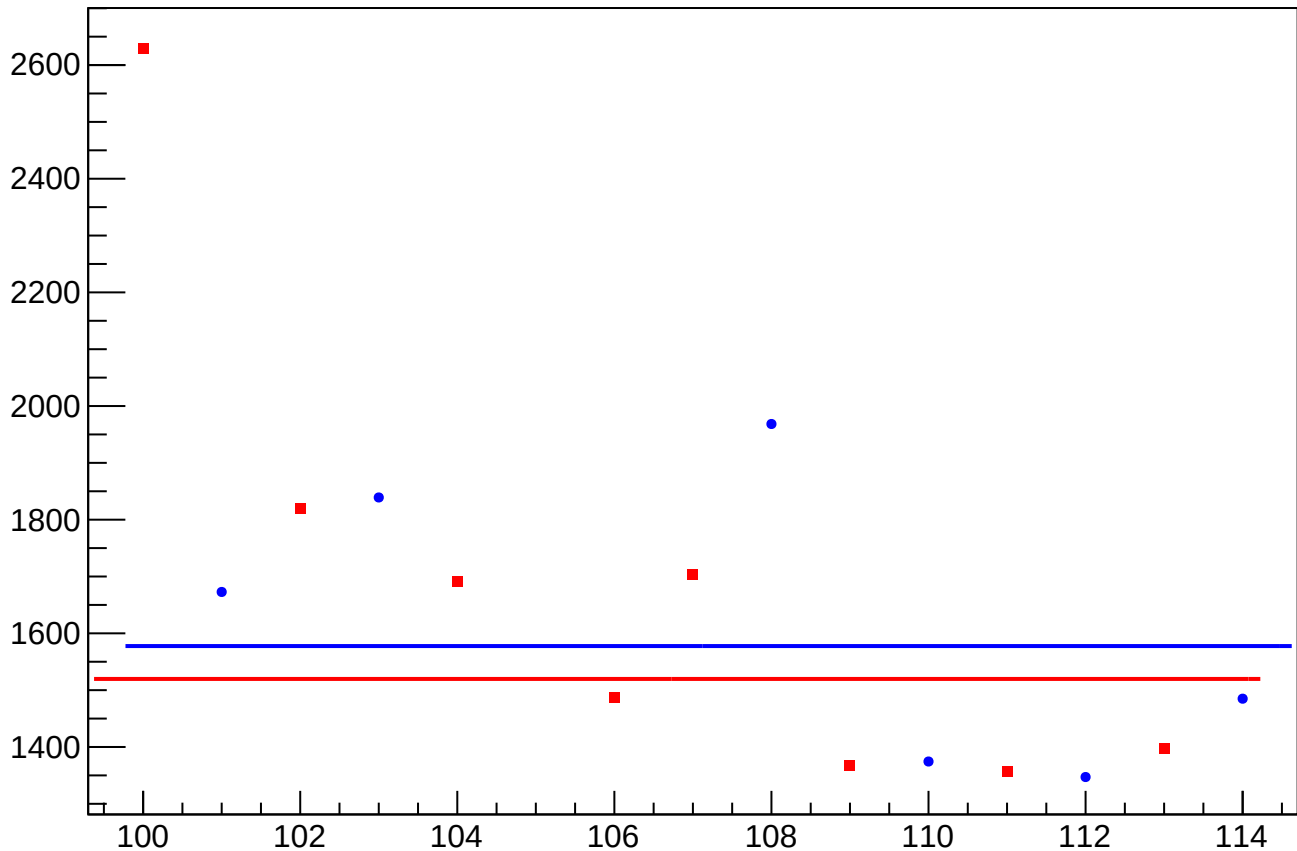
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.350+/-643.934 χ^2/NDF : 19.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1577.604 $\pm$ 0.694 χ^2 /NDF: 105859.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1519.749 $\pm$ 0.603 χ^2 /NDF: 110229.7/7

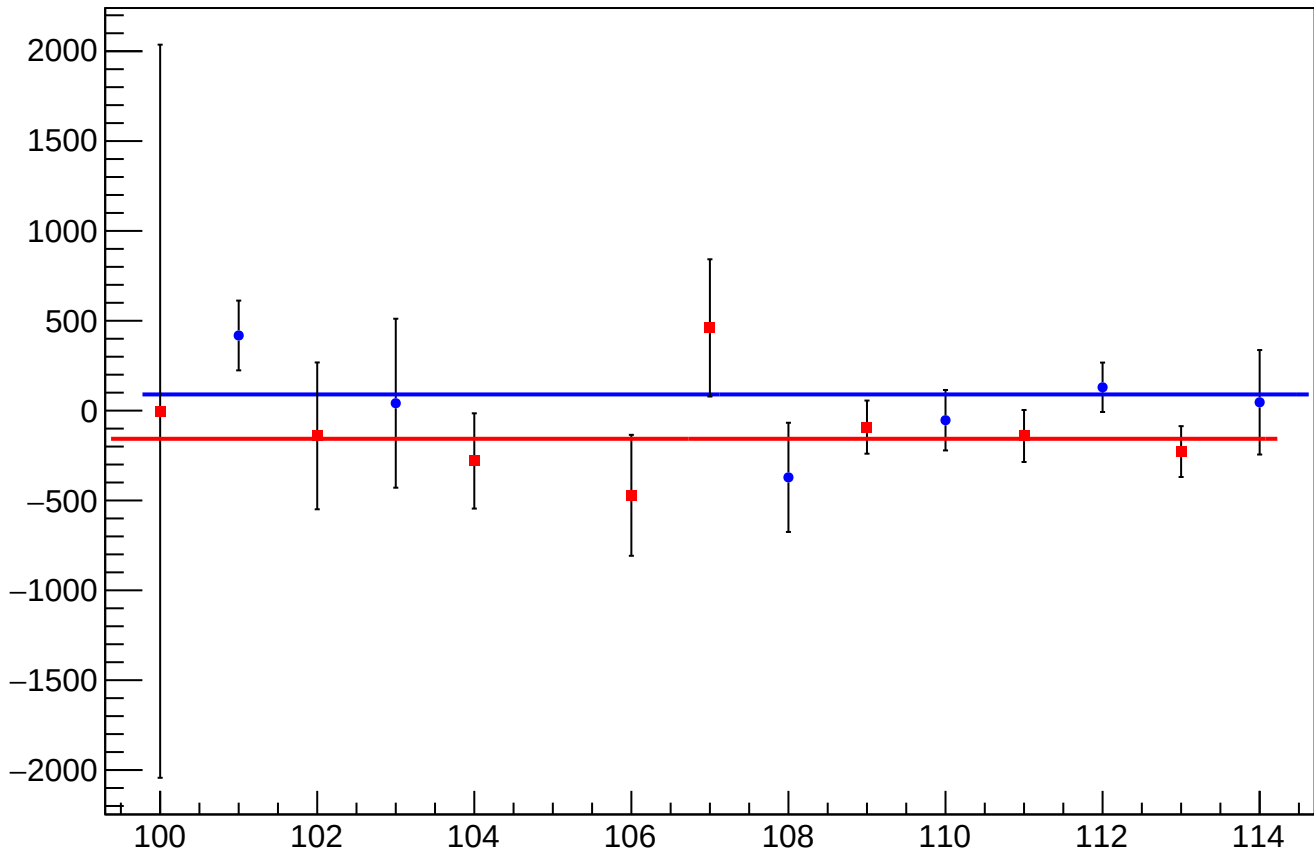
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1544.626 $\pm$ 0.455 χ^2 /NDF: 220045.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam3_mean vs Slug



Right In: 90.089+/-83.922 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -156.764+/-74.611 χ^2/NDF : 4.2/7

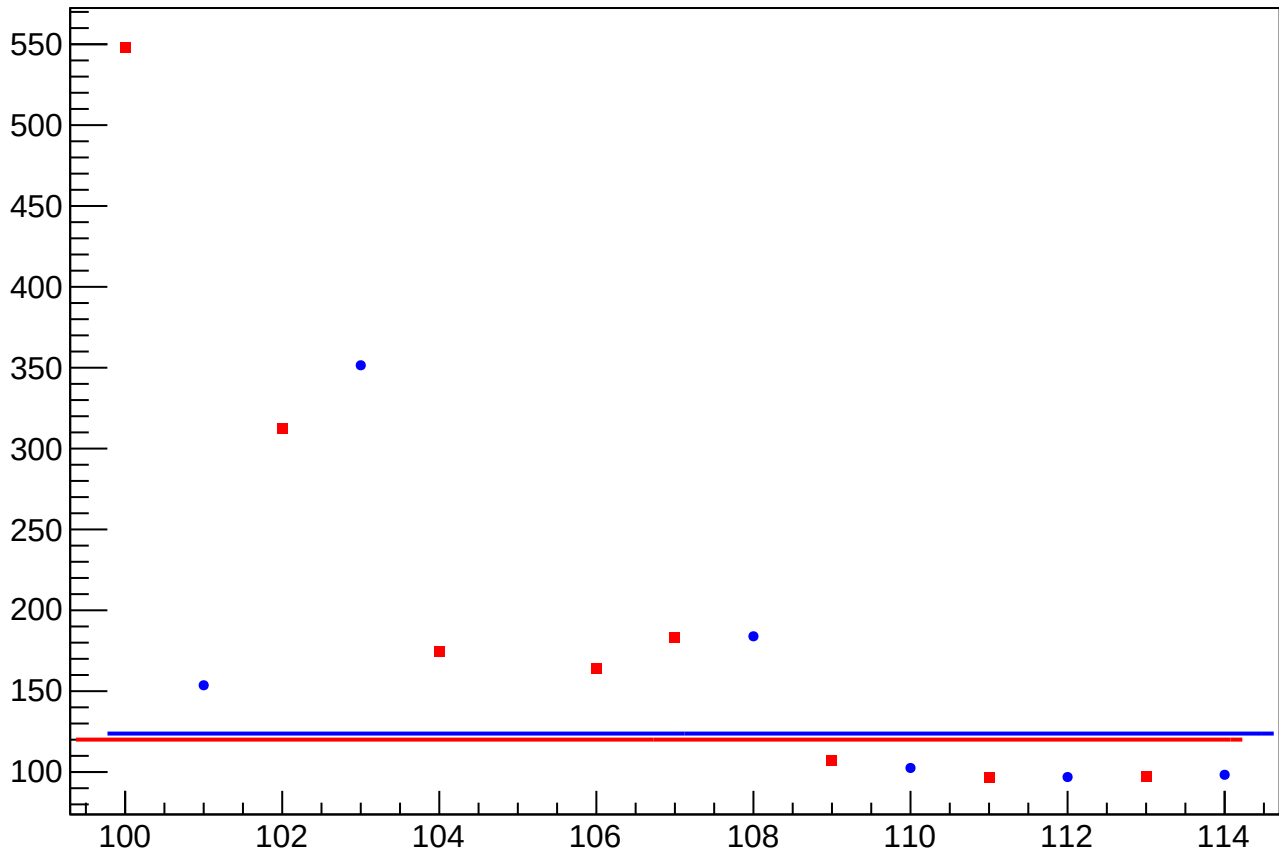
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.785+/-55.760 χ^2/NDF : 15.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 123.783 $\pm$ 0.059 χ^2 /NDF: 718739.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.054 $\pm$ 0.053 χ^2 /NDF: 825038.5/7

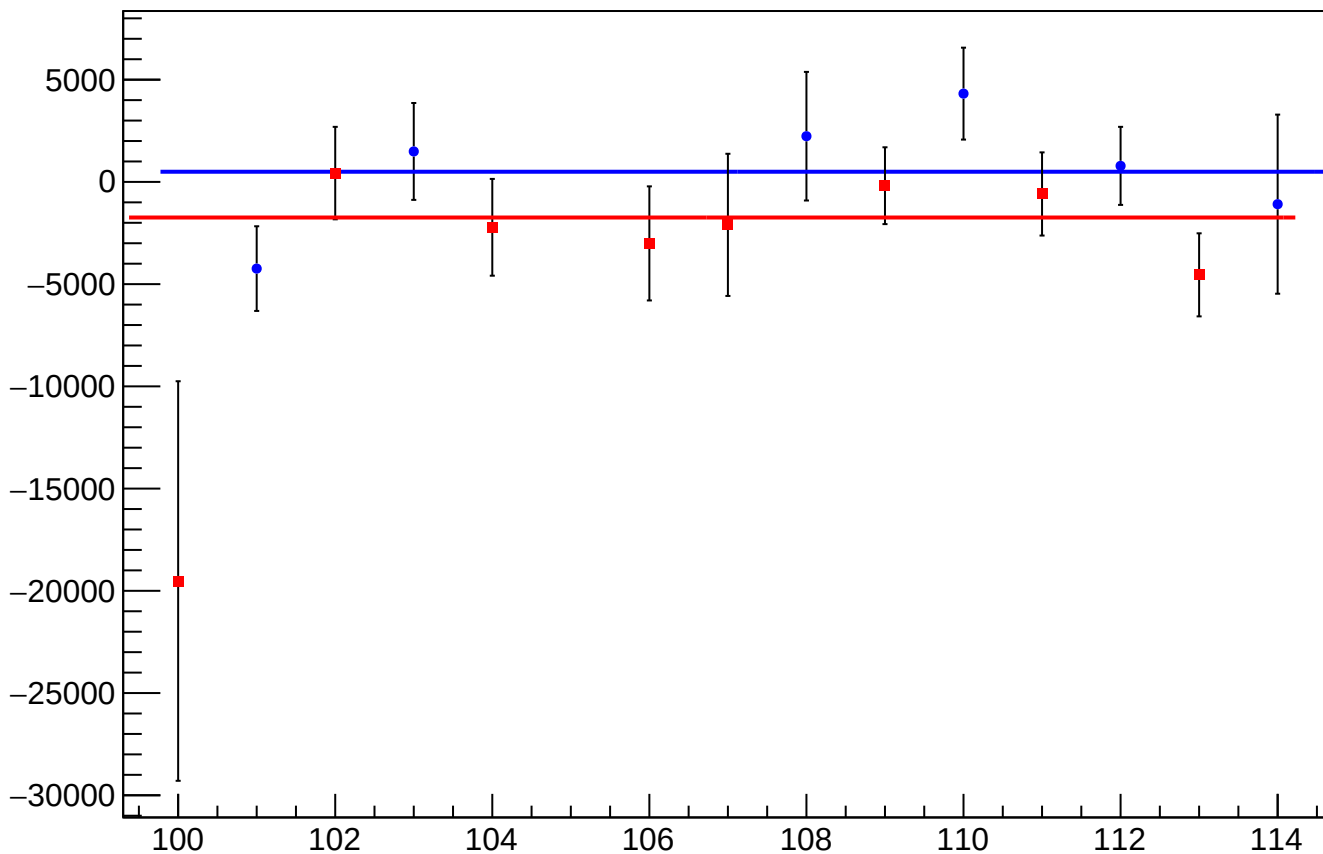
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.701 $\pm$ 0.039 χ^2 /NDF: 1545984.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



Right In: 497.390 $\pm$ 982.016 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1741.137 $\pm$ 856.542 χ^2 /NDF: 7.4/7

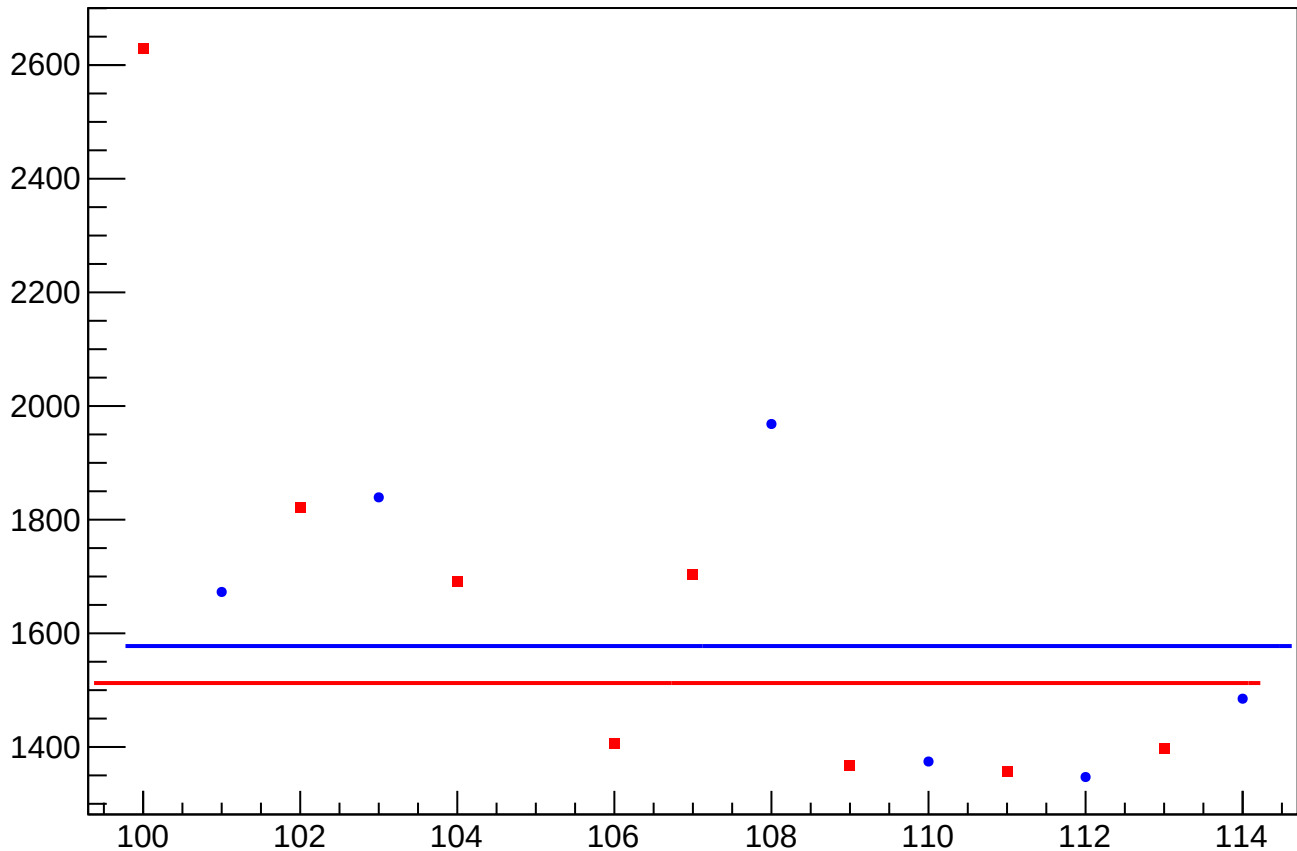
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -773.935 $\pm$ 645.500 χ^2 /NDF: 19.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1577.627 $\pm$ 0.694 χ^2 /NDF: 105890.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1512.519 $\pm$ 0.606 χ^2 /NDF: 113391.5/7

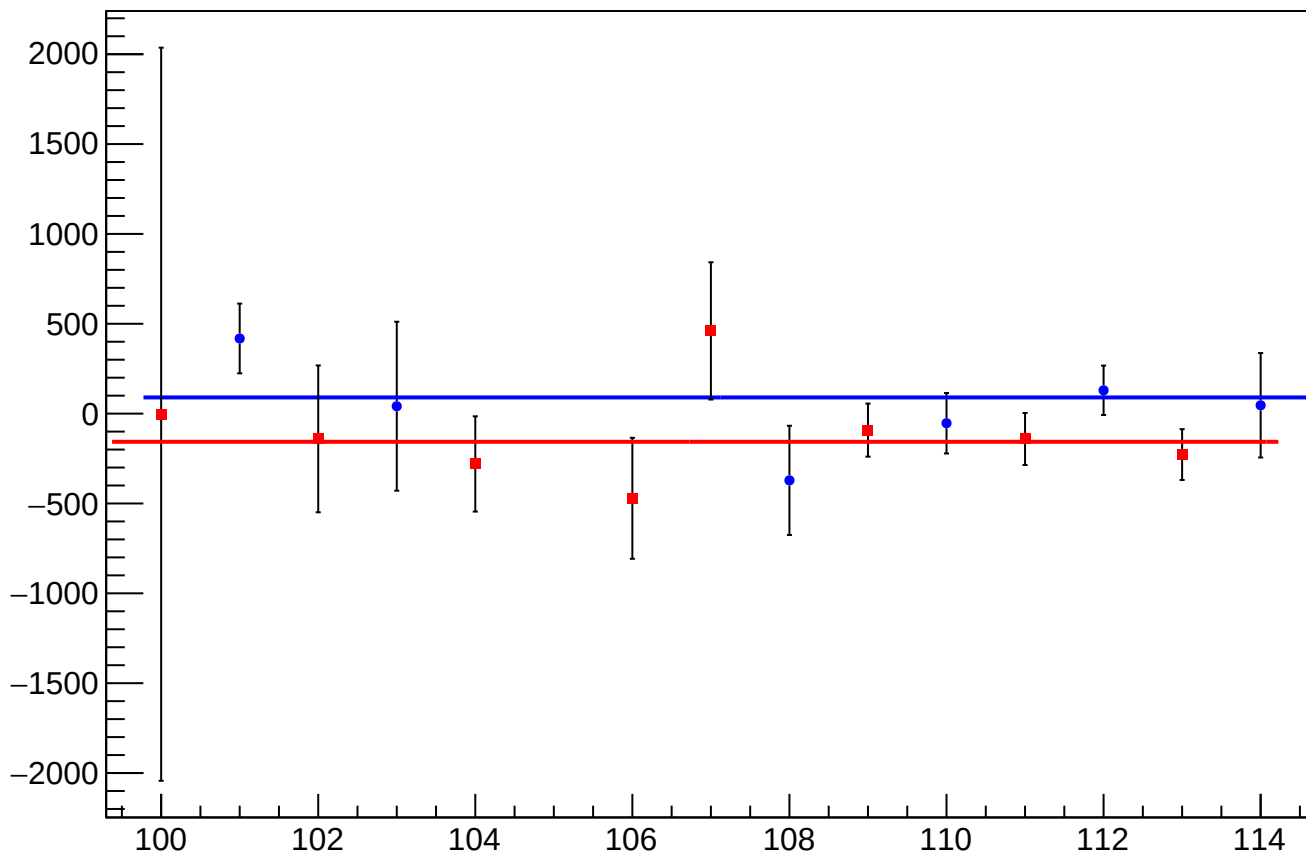
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1540.650 $\pm$ 0.456 χ^2 /NDF: 224275.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam3_mean vs Slug



Right In: 90.089+/-83.922 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -156.764+/-74.611 χ^2/NDF : 4.2/7

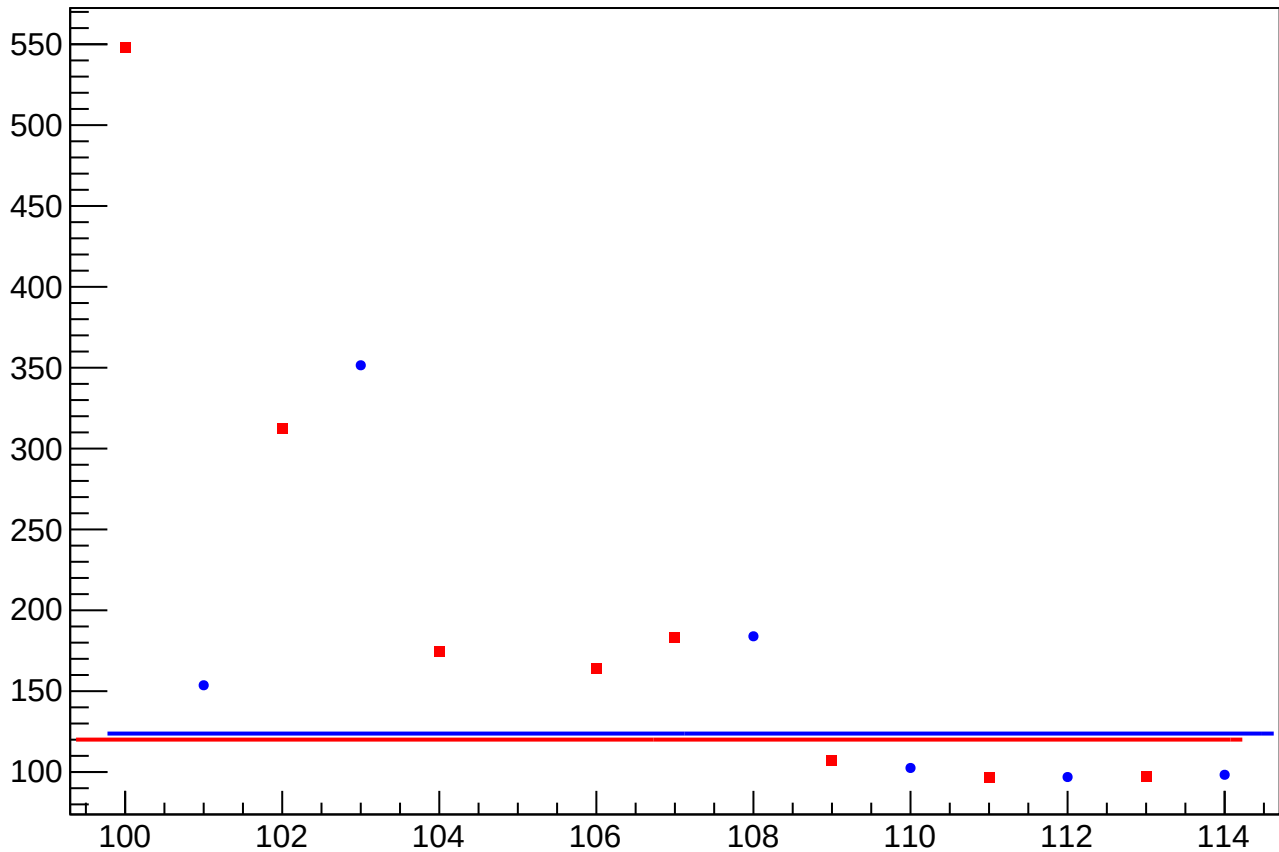
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.785+/-55.760 χ^2/NDF : 15.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 123.783+/-0.059 χ^2/NDF : 718739.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.054+/-0.053 χ^2/NDF : 825038.5/7

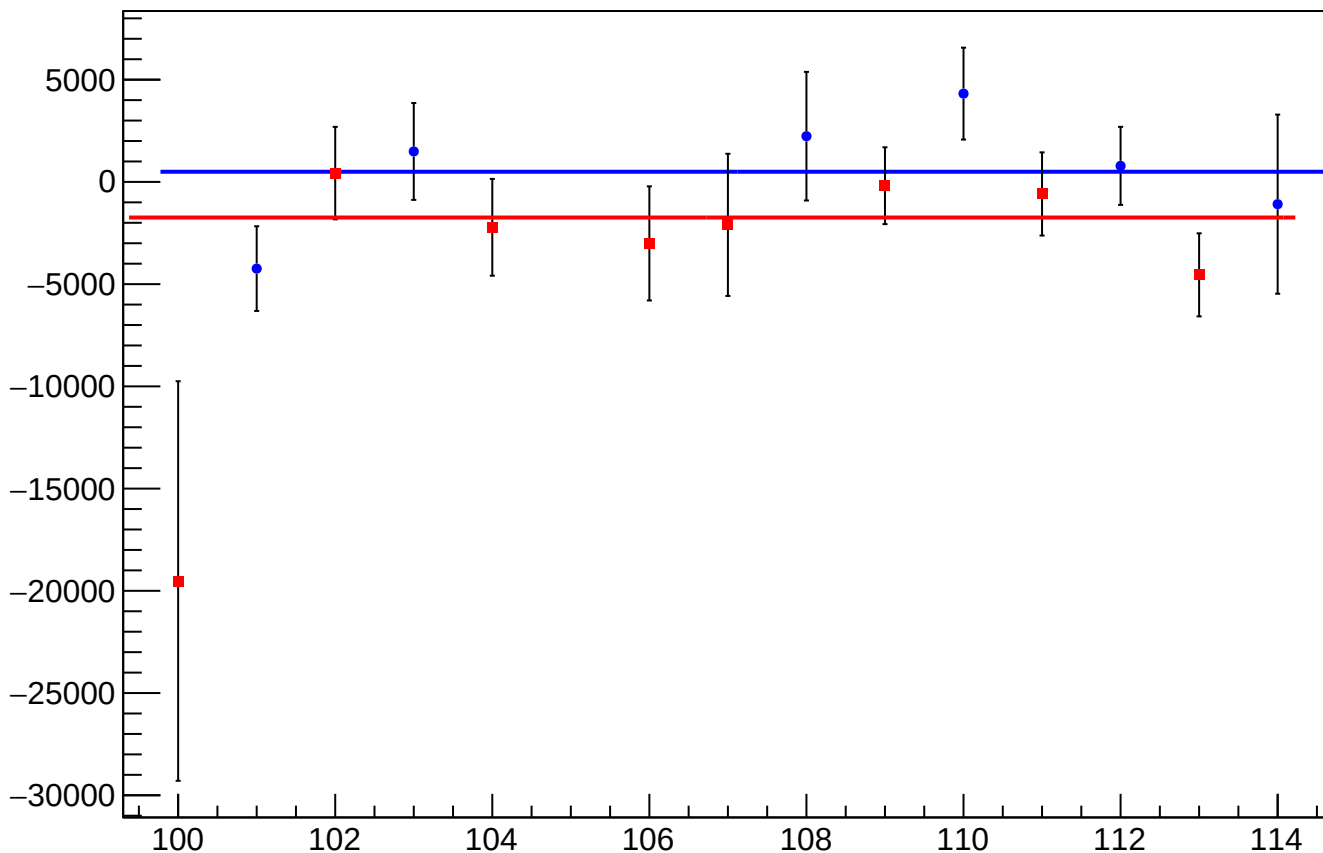
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.701+/-0.039 χ^2/NDF : 1545984.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: 497.390+/-982.016 χ^2 /NDF: 8.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1741.137+/-856.542 χ^2 /NDF: 7.4/7

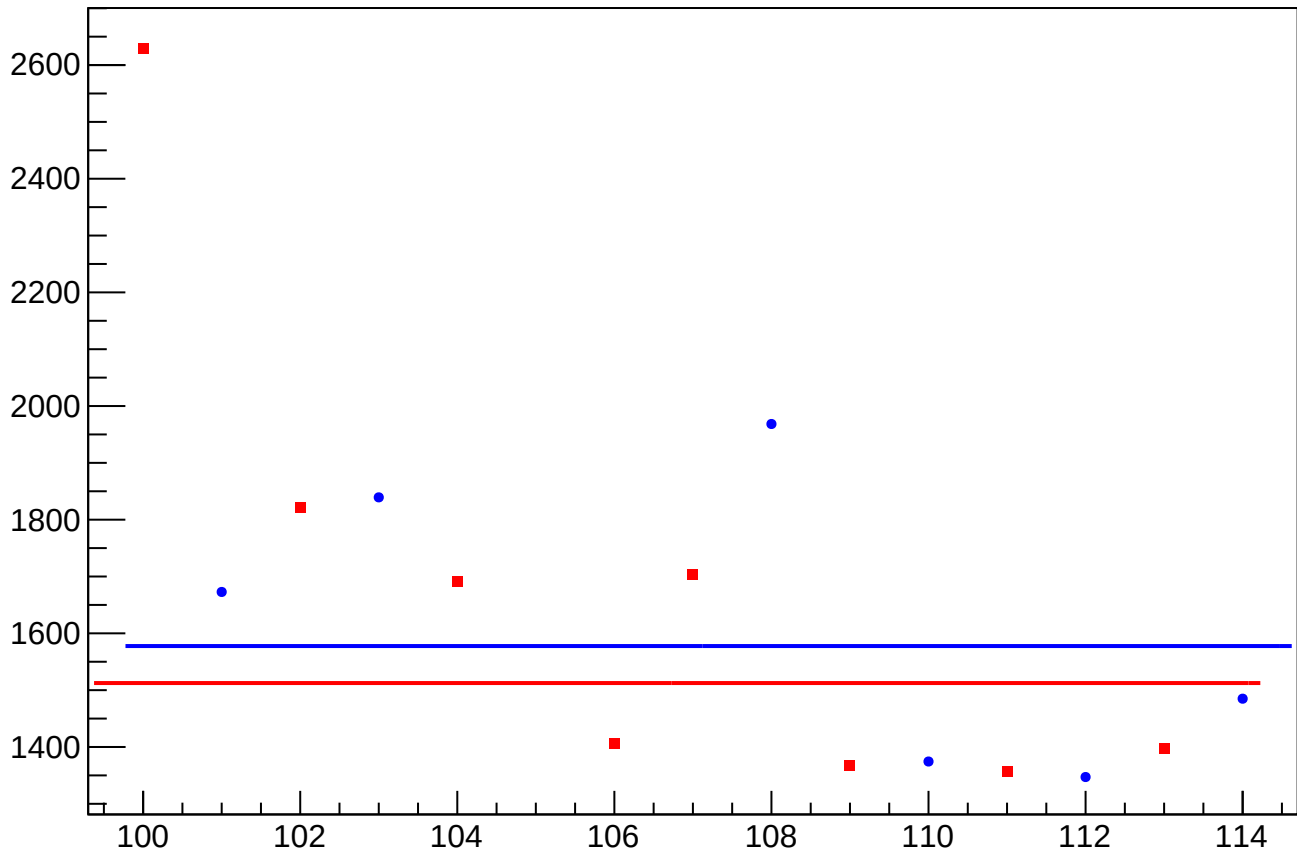
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -773.935+/-645.500 χ^2 /NDF: 19.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1577.627 $\pm$ 0.694 χ^2 /NDF: 105890.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1512.519 $\pm$ 0.606 χ^2 /NDF: 113391.5/7

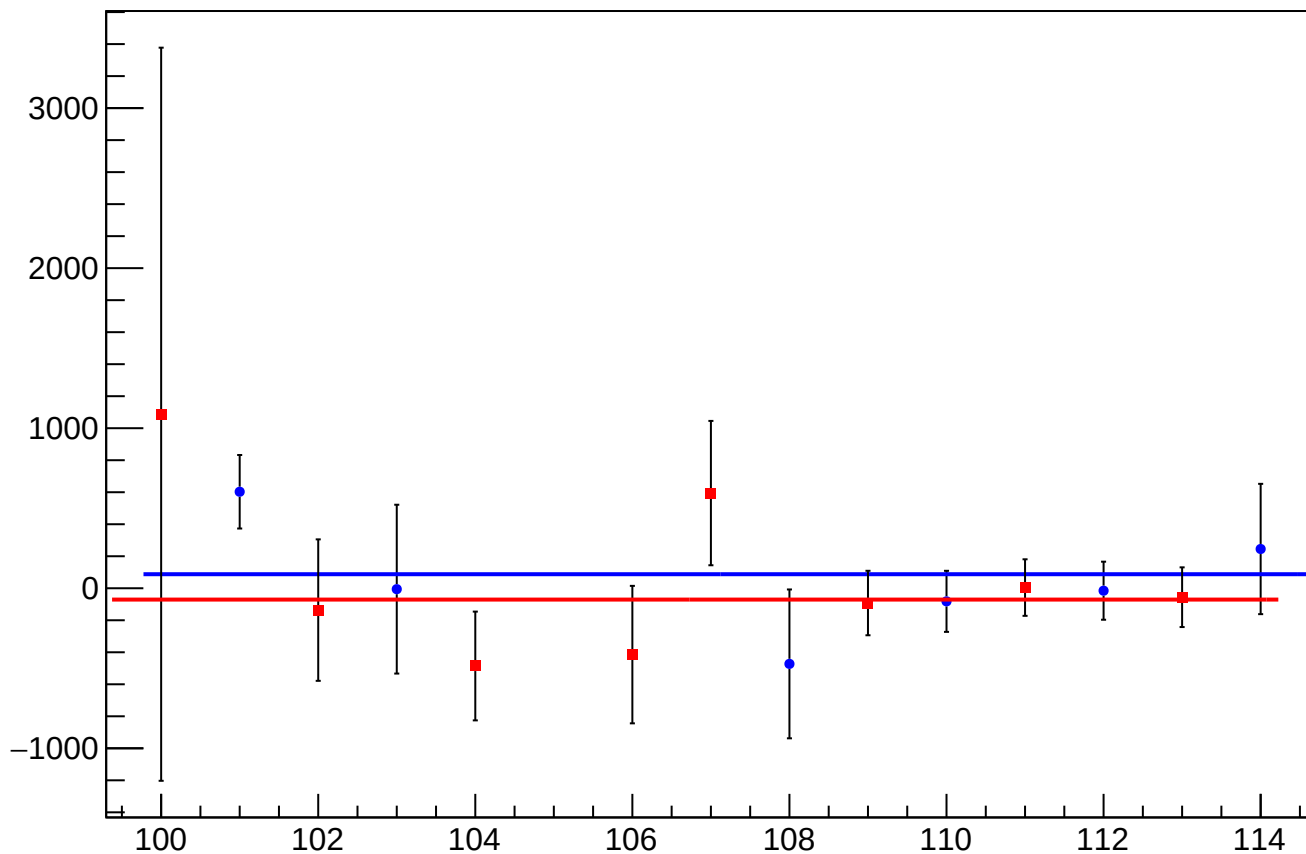
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1540.650 $\pm$ 0.456 χ^2 /NDF: 224275.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 87.714 $\pm$ 104.779 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -70.769 $\pm$ 95.451 χ^2 /NDF: 4.8/7

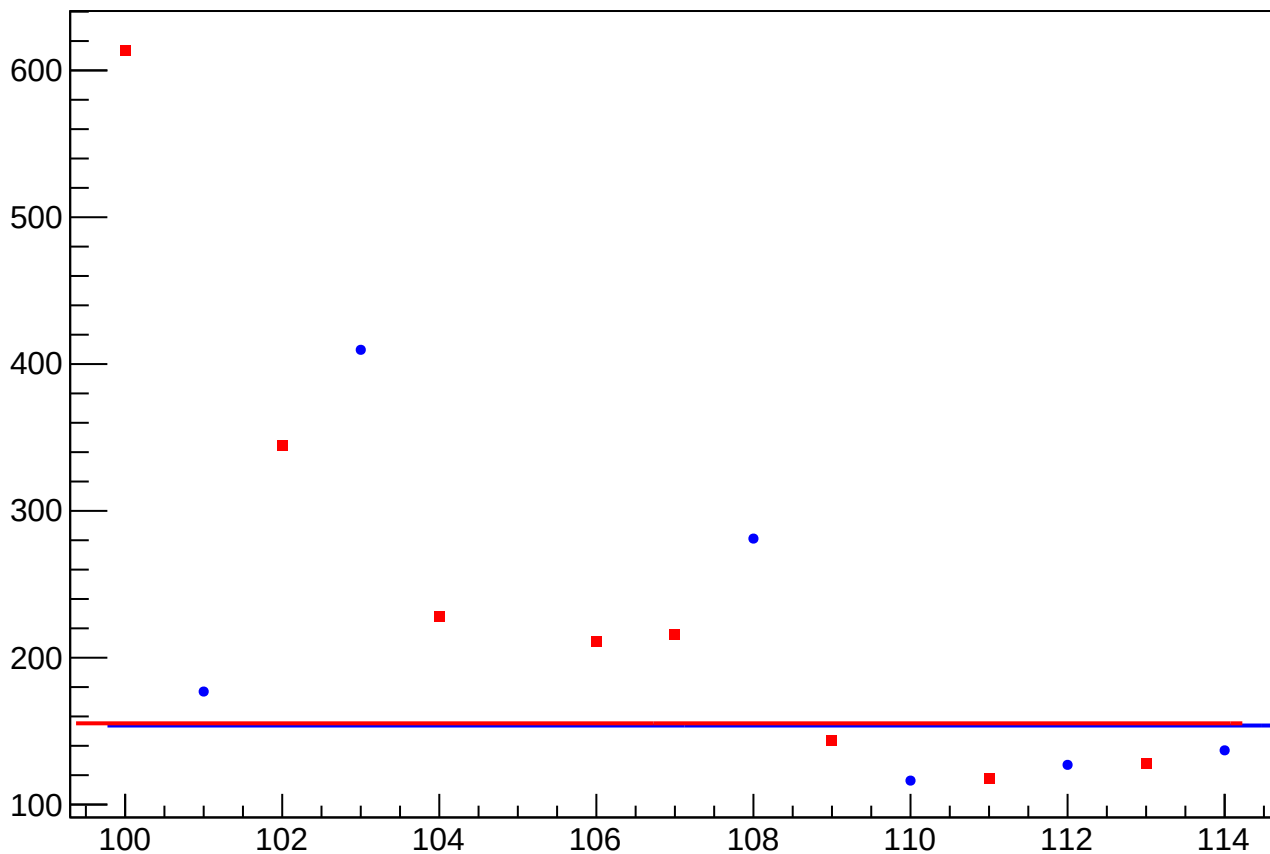
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.105 $\pm$ 70.562 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 153.819+/-0.074 χ^2/NDF : 765369.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.312+/-0.067 χ^2/NDF : 750117.5/7

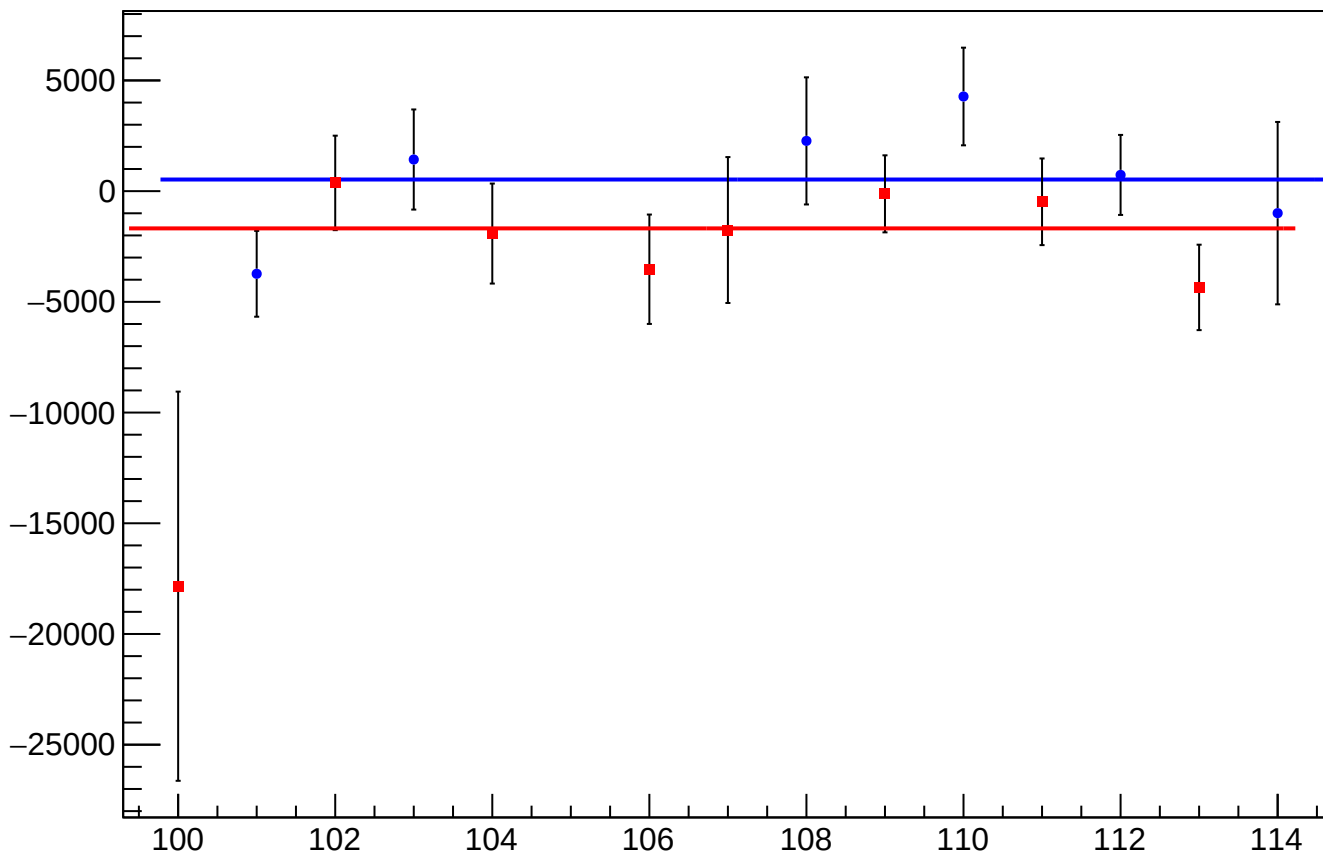
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.635+/-0.050 χ^2/NDF : 1515708.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: 525.013 $\pm$ 930.874 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1682.131 $\pm$ 804.495 χ^2 /NDF: 8.0/7

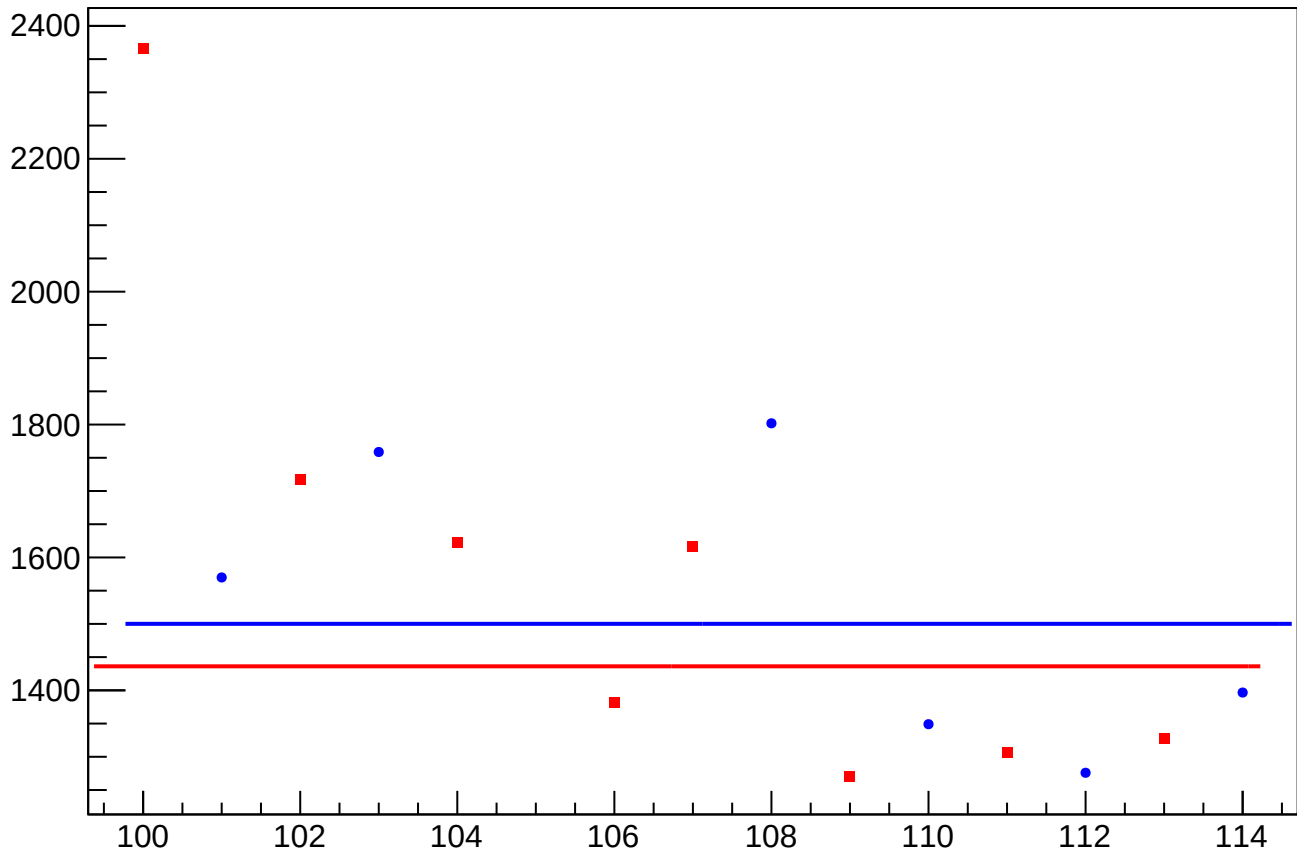
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -738.447 $\pm$ 608.680 χ^2 /NDF: 19.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1500.086 $\pm$ 0.658 χ^2 /NDF: 92289.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1436.158 $\pm$ 0.569 χ^2 /NDF: 111215.2/7

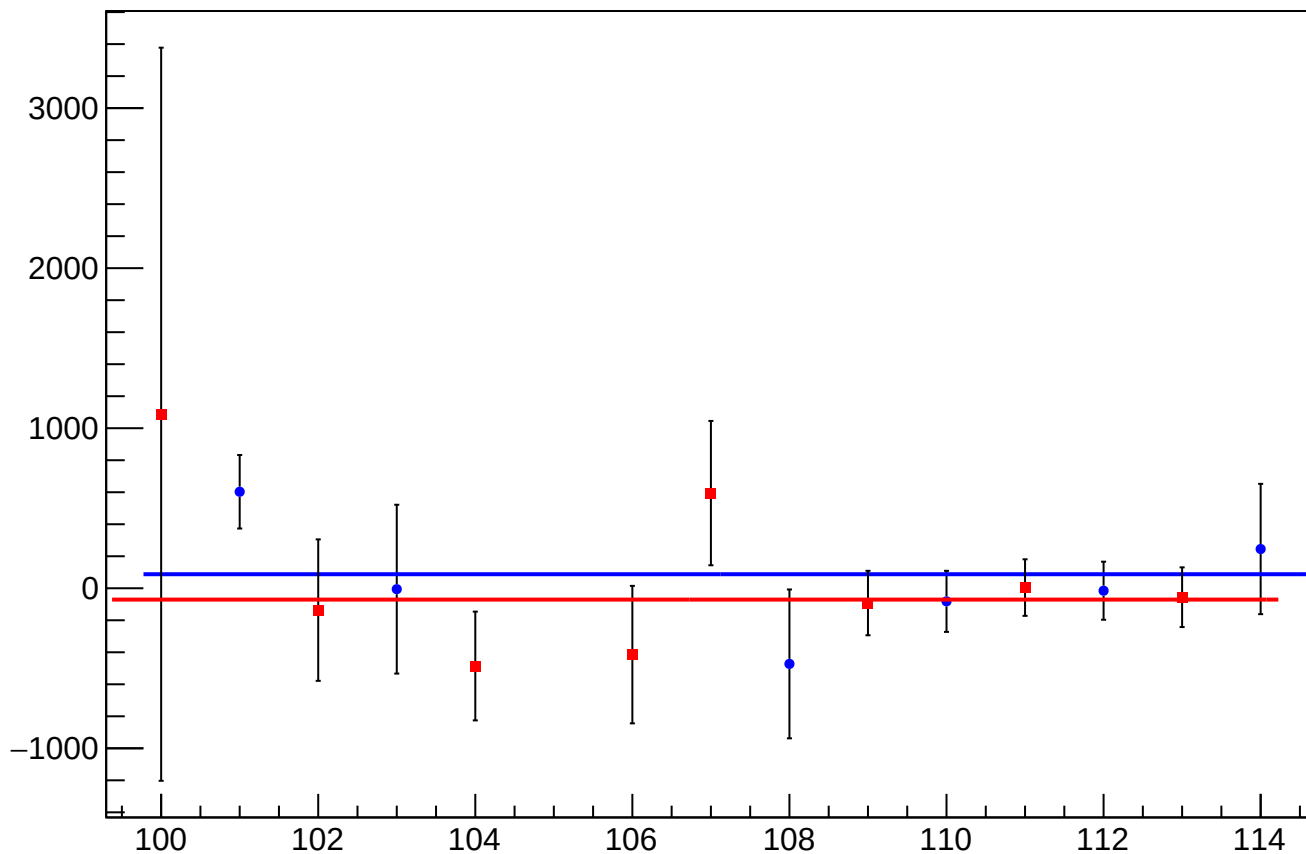
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1463.491 $\pm$ 0.430 χ^2 /NDF: 208904.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 87.714 $\pm$ 104.780 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -70.767 $\pm$ 95.452 χ^2 /NDF: 4.8/7

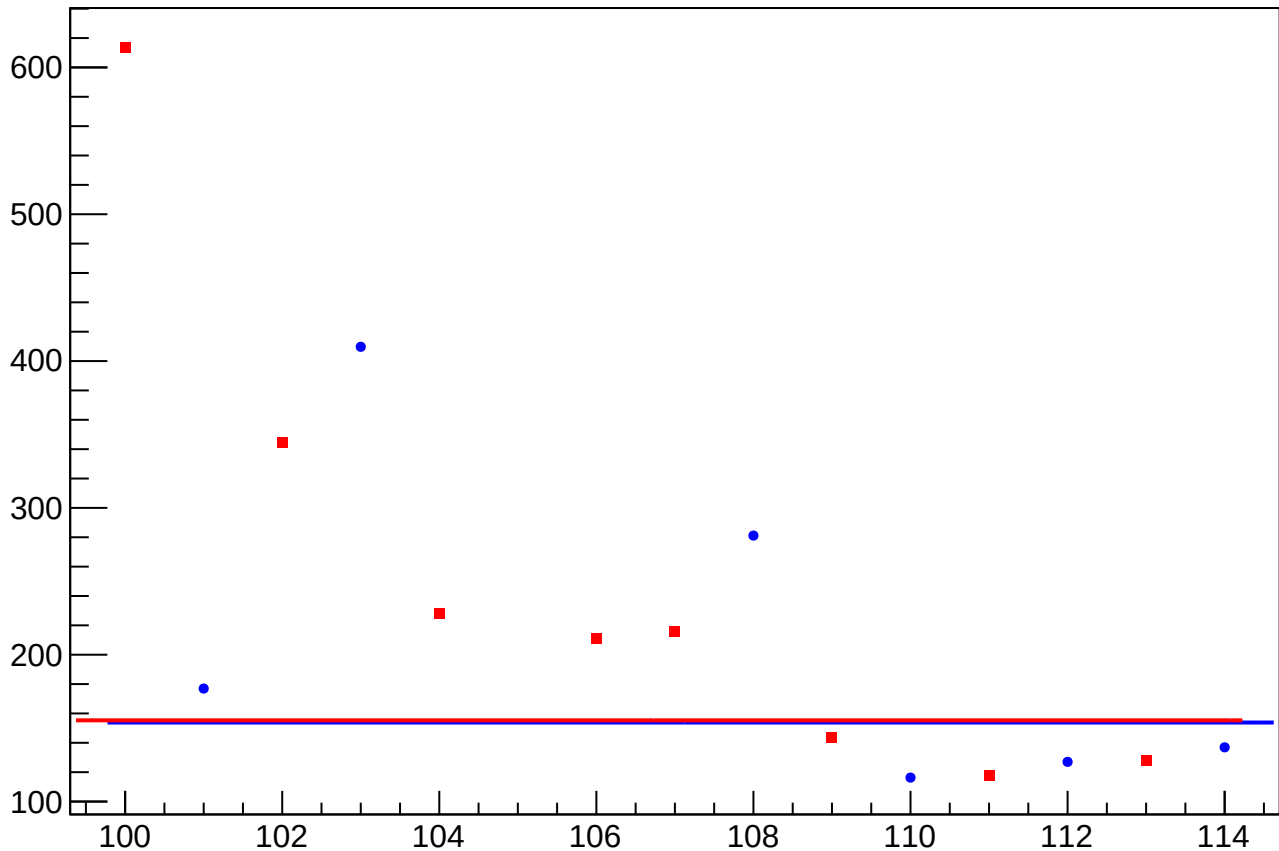
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.106 $\pm$ 70.562 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 153.820+/-0.074 χ^2/NDF : 765371.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.313+/-0.067 χ^2/NDF : 750123.5/7

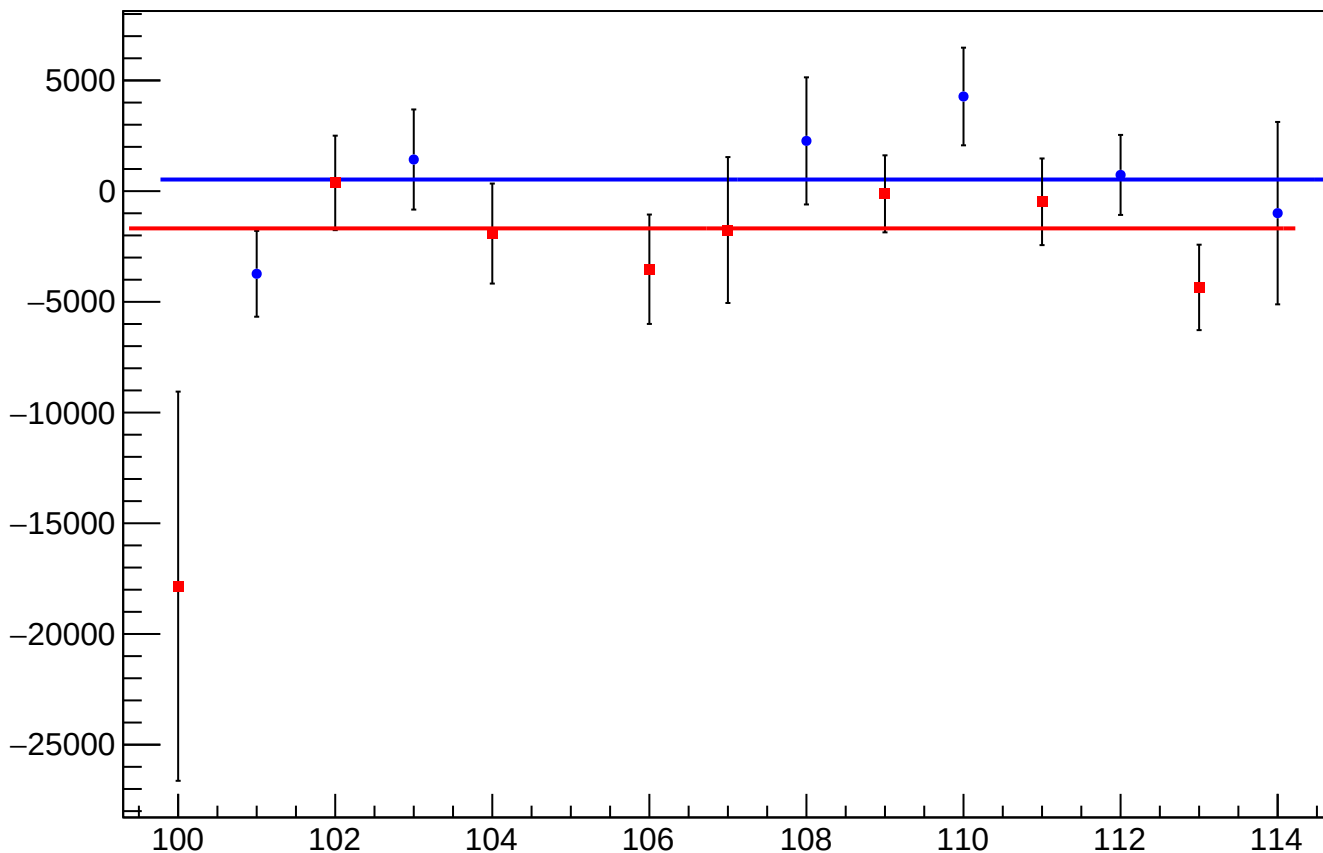
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.636+/-0.050 χ^2/NDF : 1515716.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: 525.010 $\pm$ 930.872 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1682.127 $\pm$ 804.494 χ^2 /NDF: 8.0/7

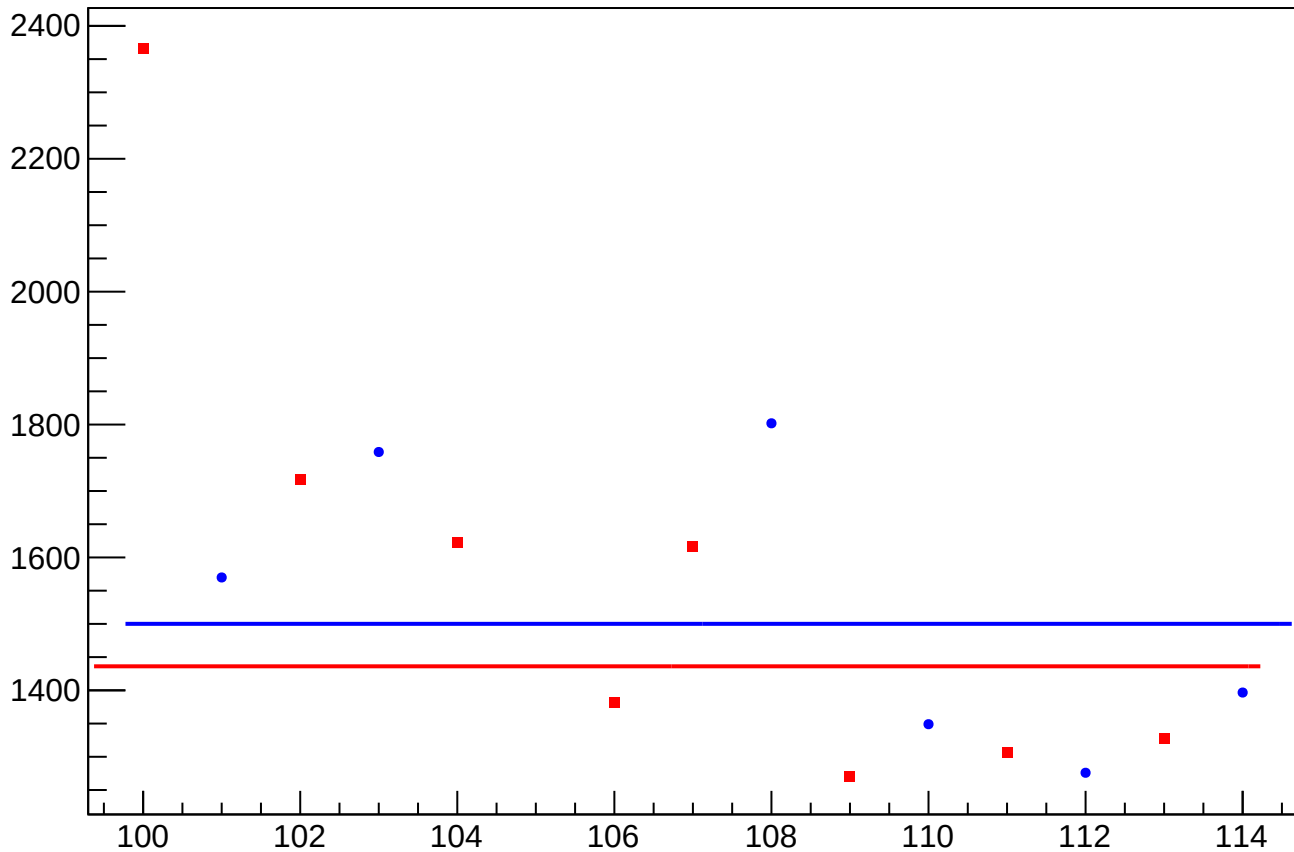
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -738.446 $\pm$ 608.679 χ^2 /NDF: 19.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1500.082+/-0.658 χ^2/NDF : 92287.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1436.155+/-0.569 χ^2/NDF : 111213.2/7

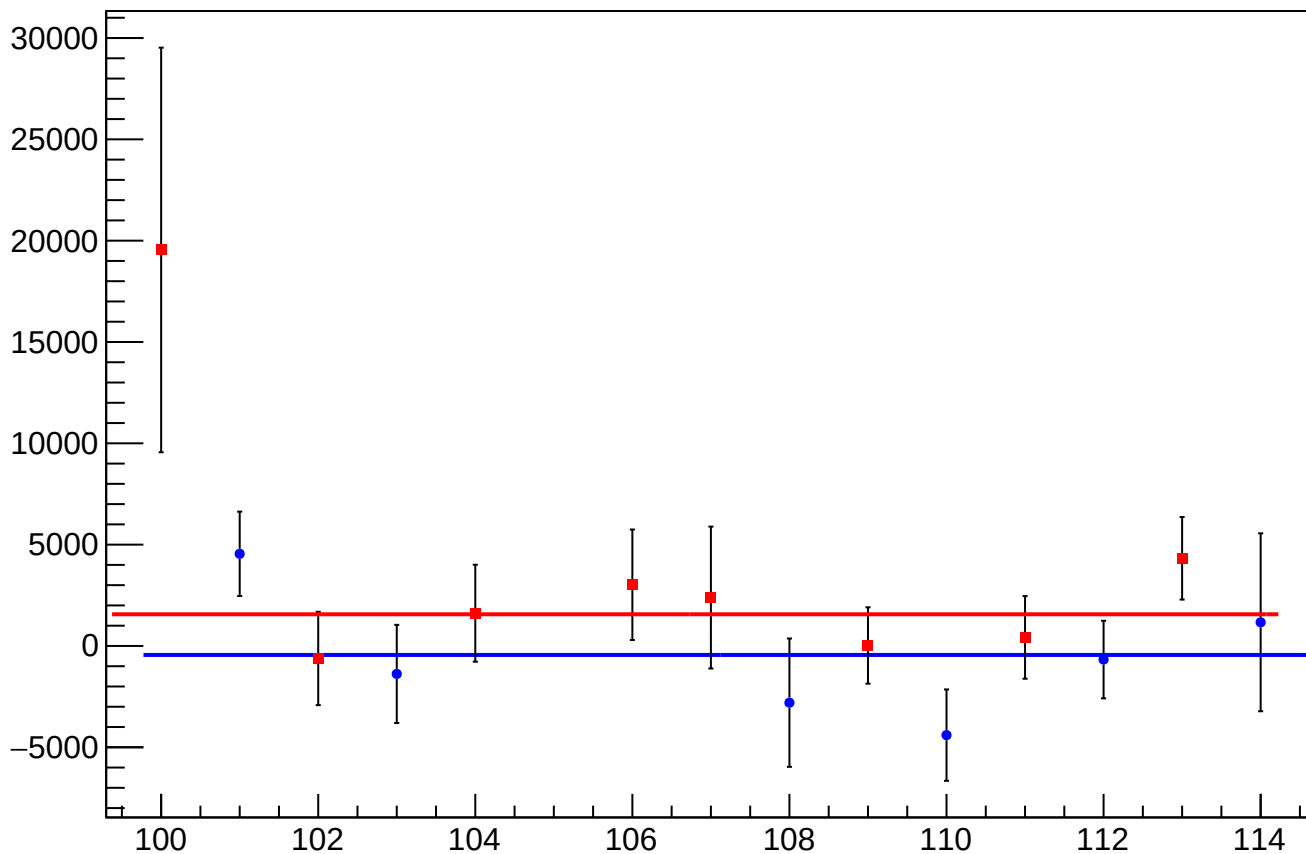
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1463.488+/-0.430 χ^2/NDF : 208900.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: -443.000+/-988.759 χ^2/NDF : 9.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1563.187+/-859.926 χ^2/NDF : 7.3/7

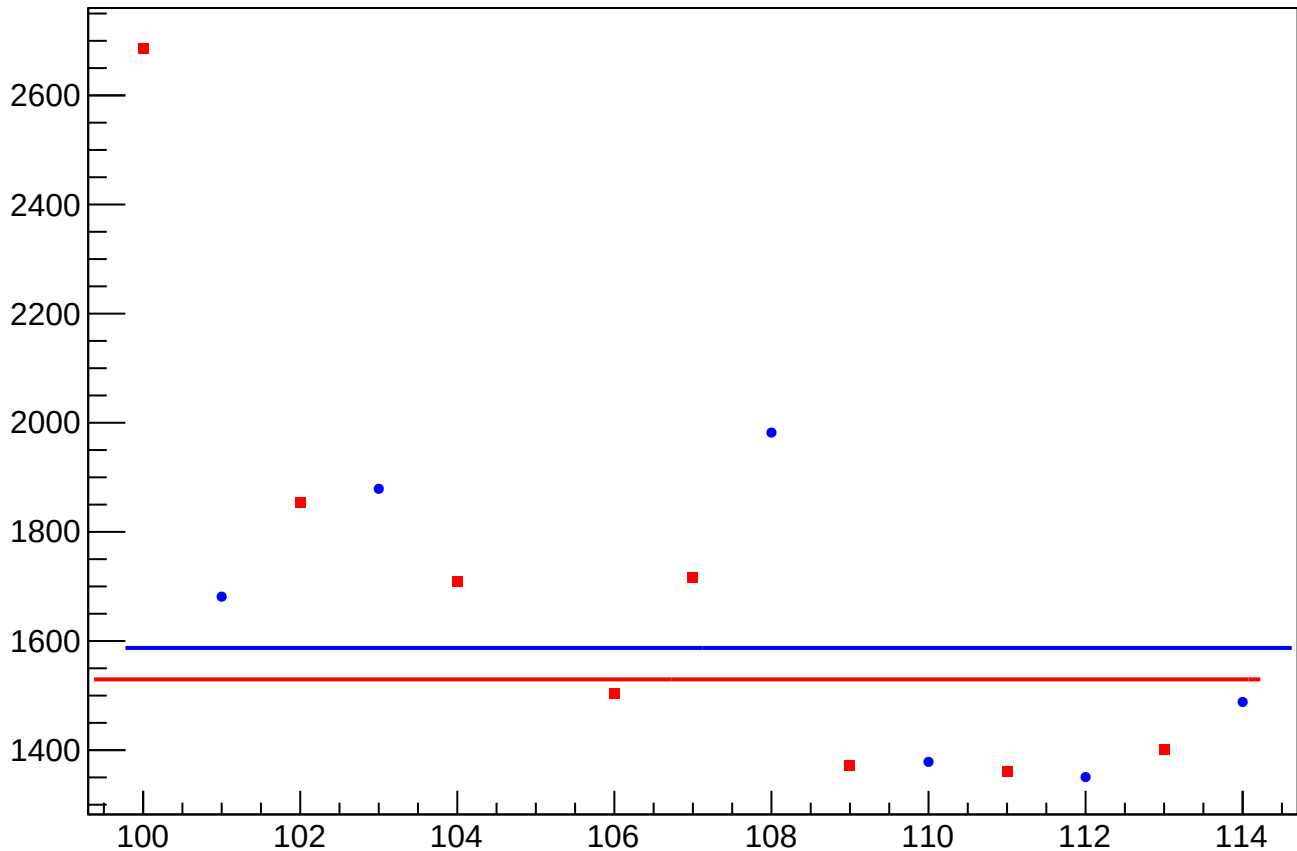
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.227+/-648.861 χ^2/NDF : 19.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1587.284+/-0.699 χ^2/NDF : 112913.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1529.693+/-0.608 χ^2/NDF : 119113.2/7

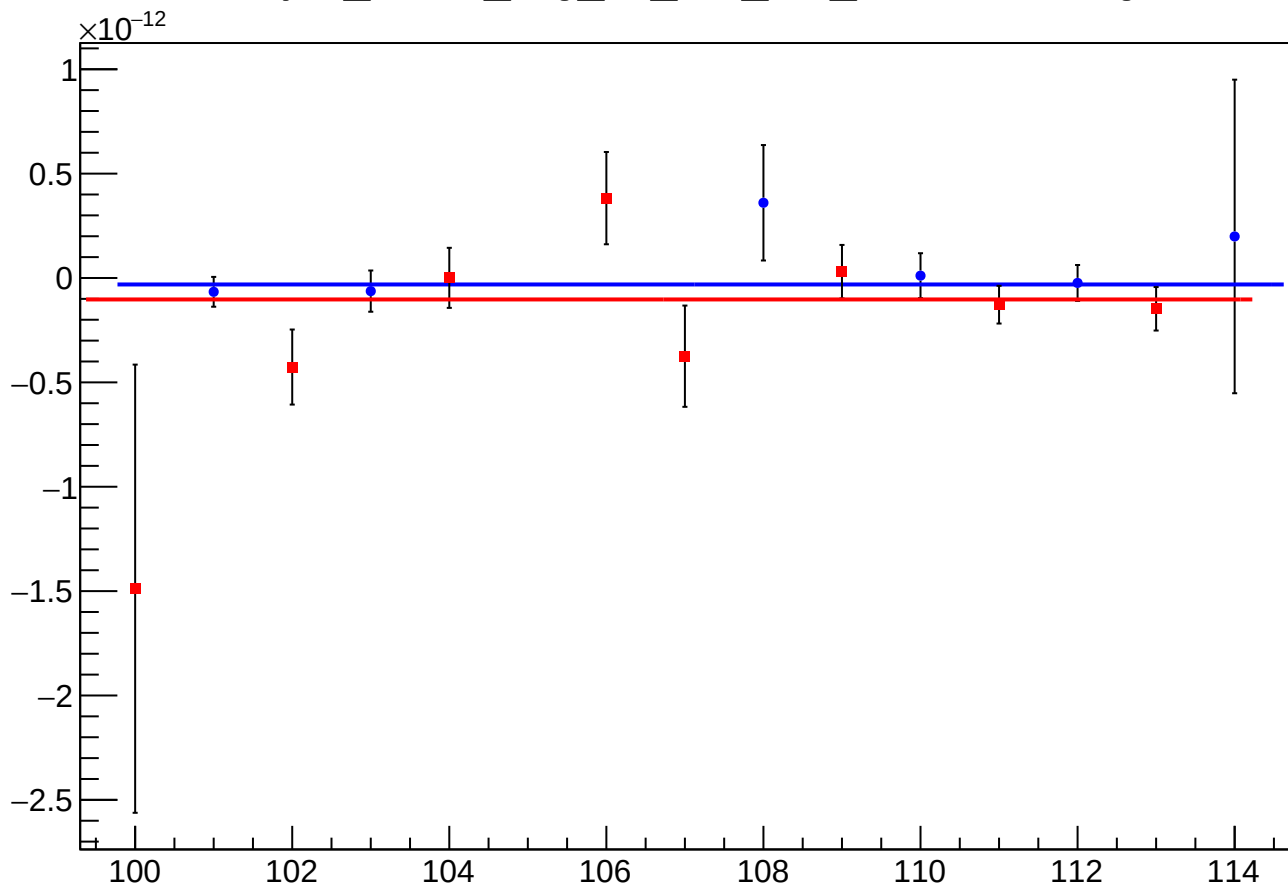
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.494+/-0.459 χ^2/NDF : 235889.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/7

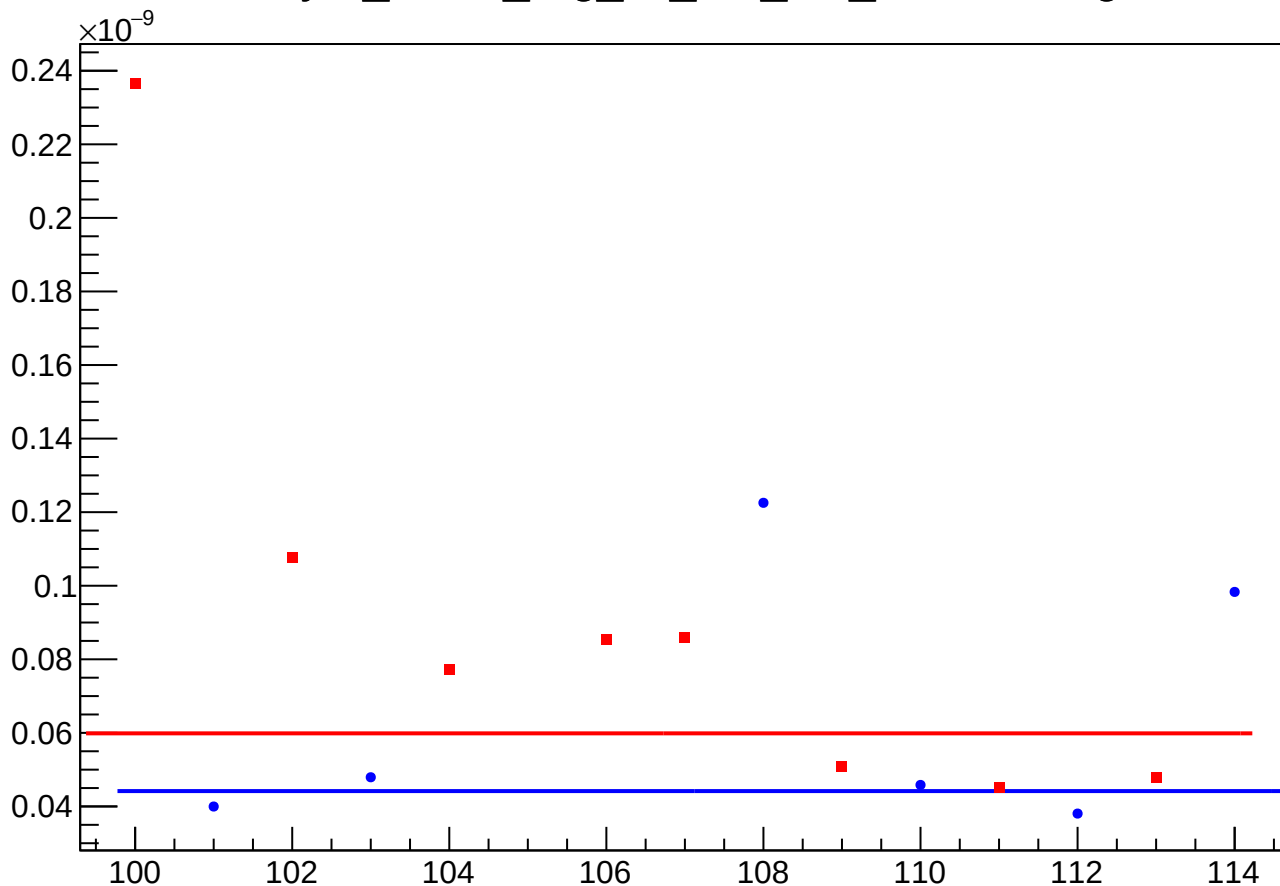
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 191429.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 363442.2/7

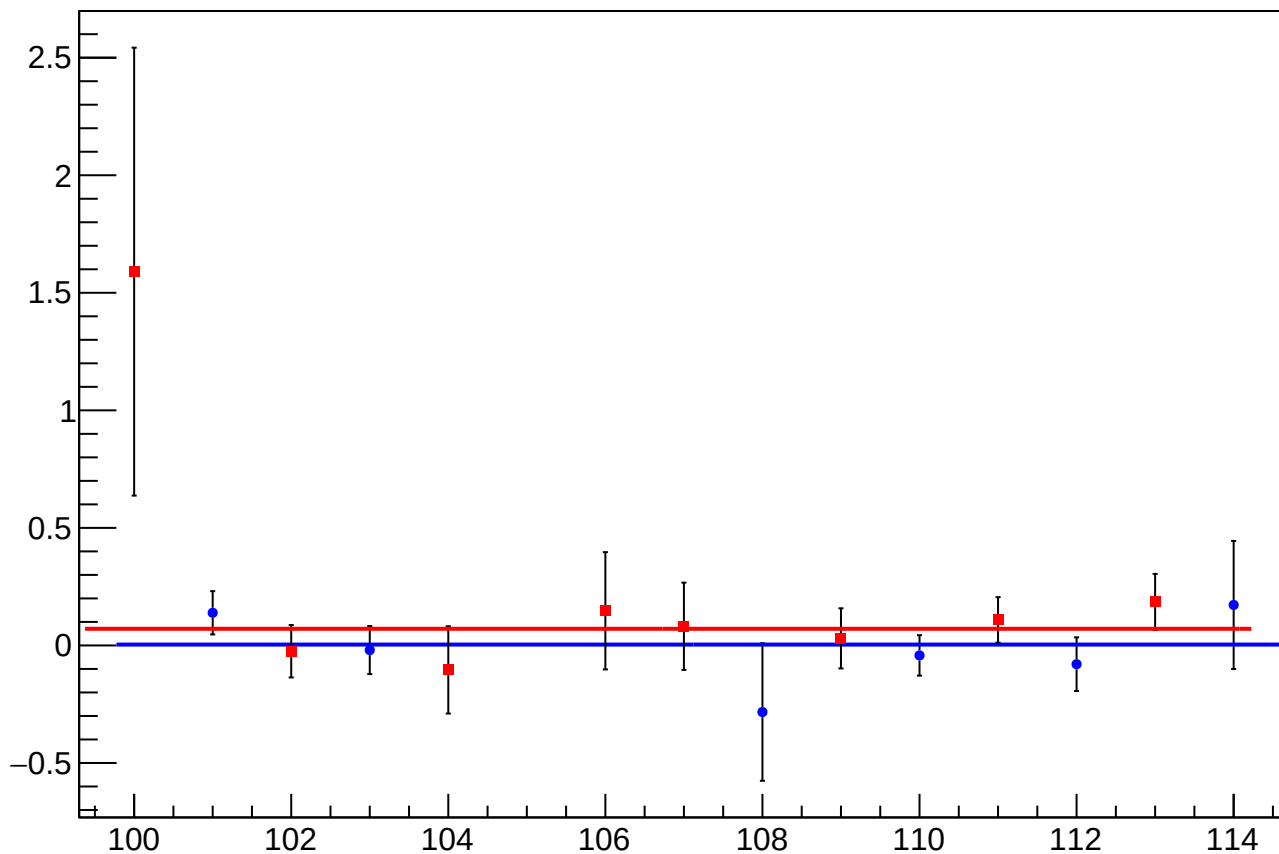
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 666531.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.047 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.050 χ^2 /NDF: 5.4/7

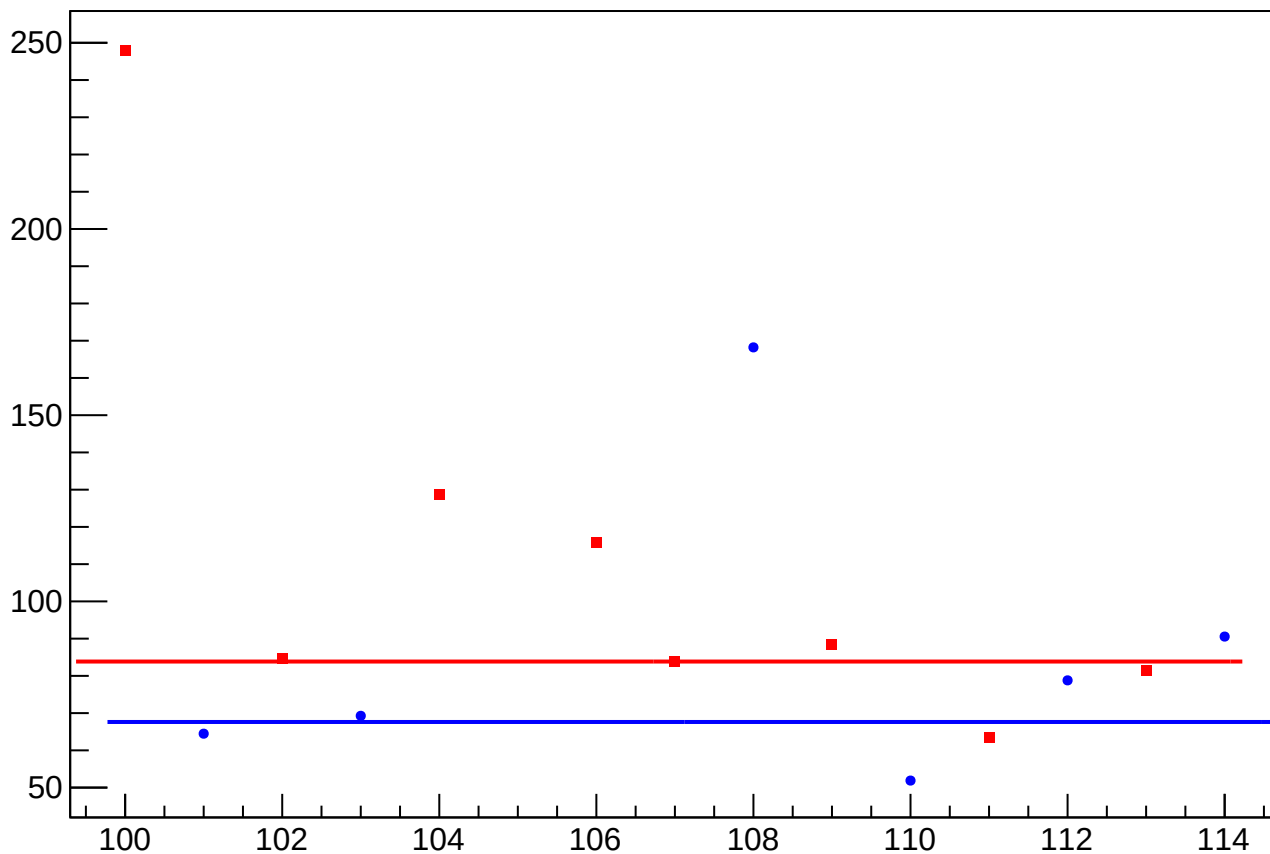
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 67.619+/-0.033 χ^2/NDF : 339726.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.849+/-0.036 χ^2/NDF : 302154.0/7

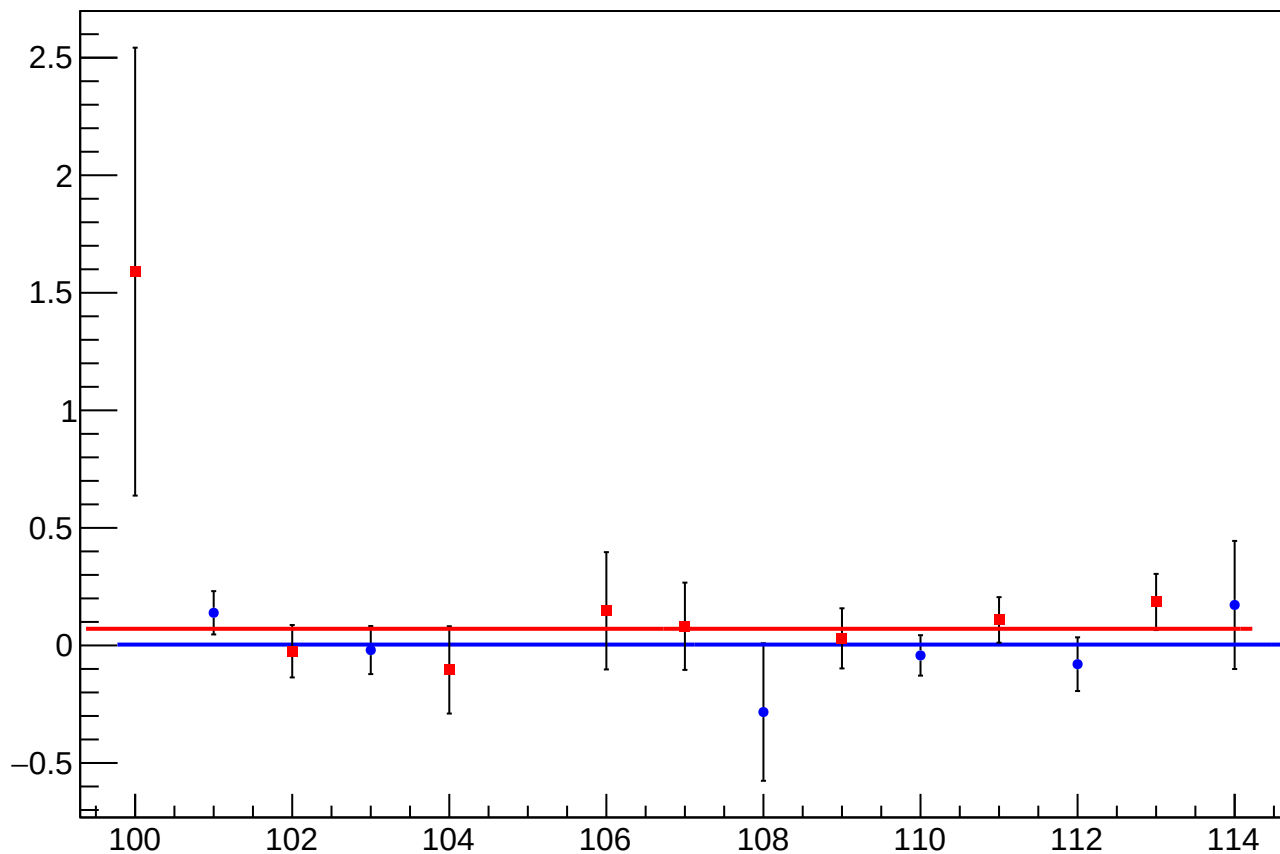
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.182+/-0.024 χ^2/NDF : 752572.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.047 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.071 $\pm$ 0.050 χ^2 /NDF: 5.4/7

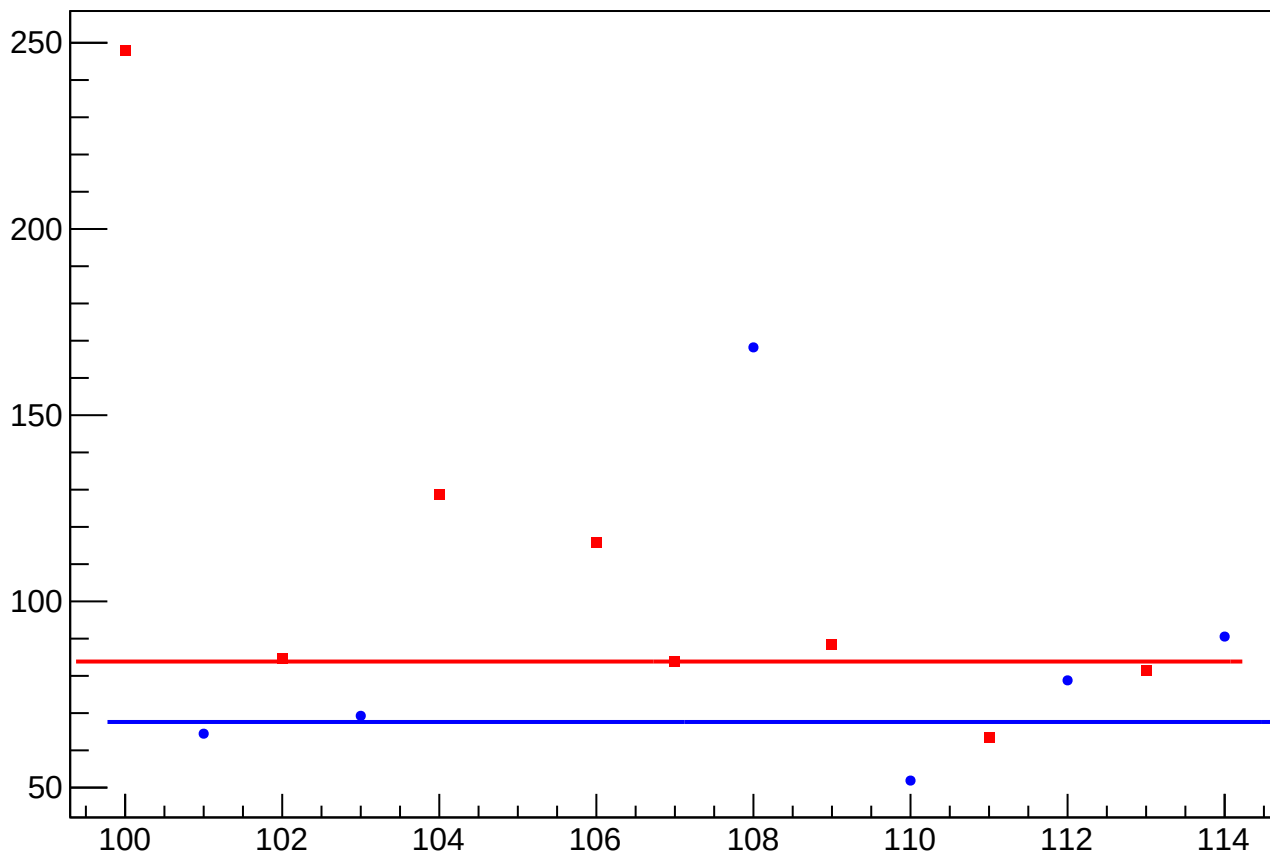
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.619+/-0.033 χ^2/NDF : 339726.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.849+/-0.036 χ^2/NDF : 302154.0/7

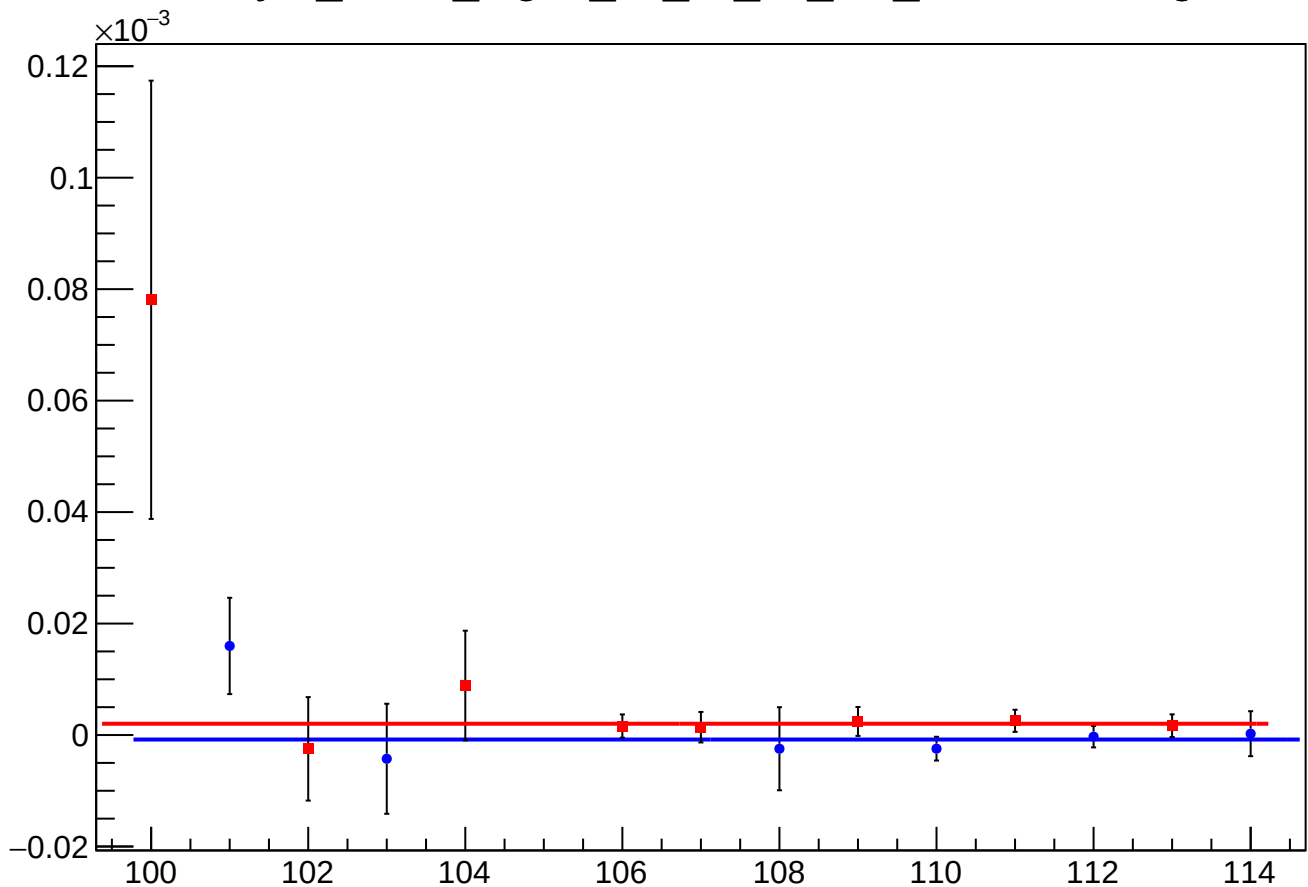
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.182+/-0.024 χ^2/NDF : 752572.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 4.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 4.7/7

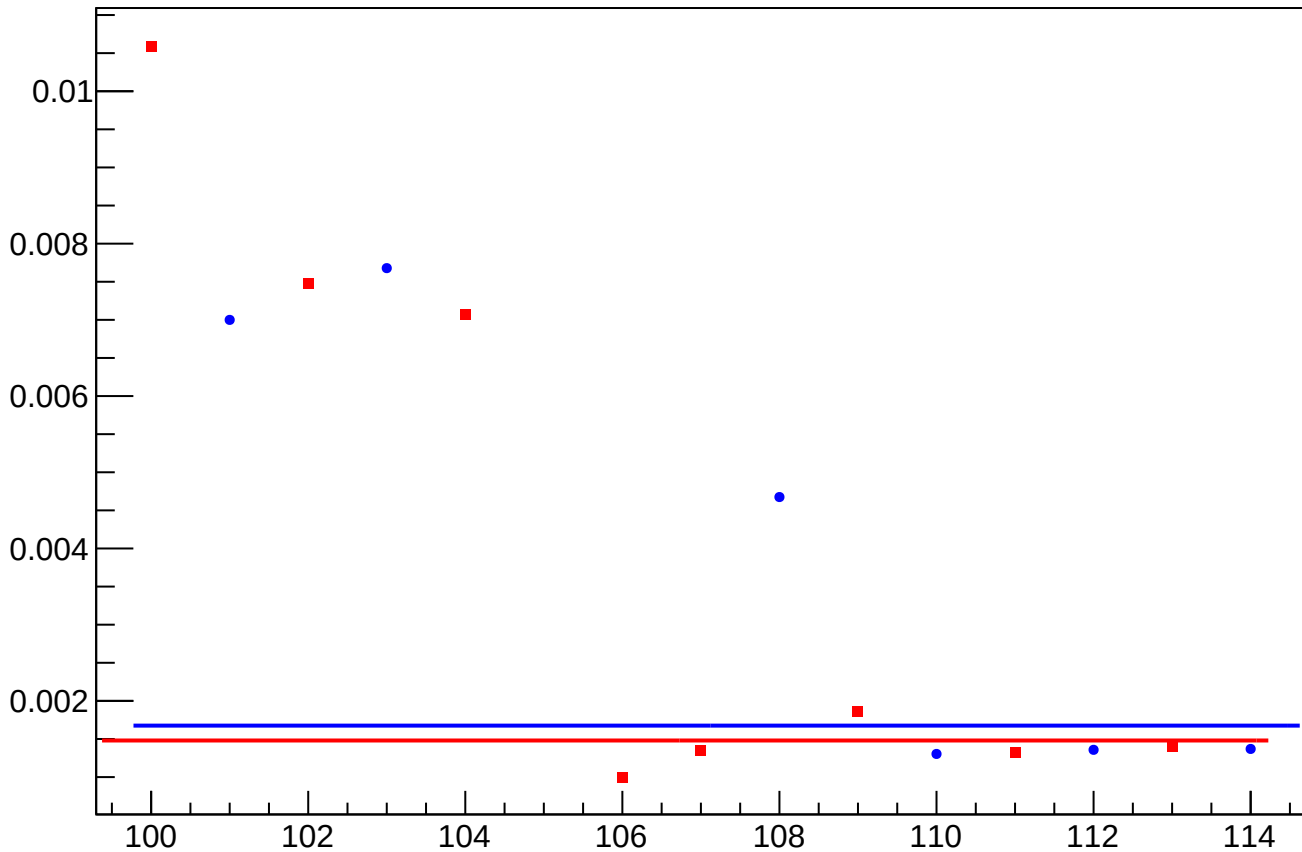
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1949593.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1757118.7/7

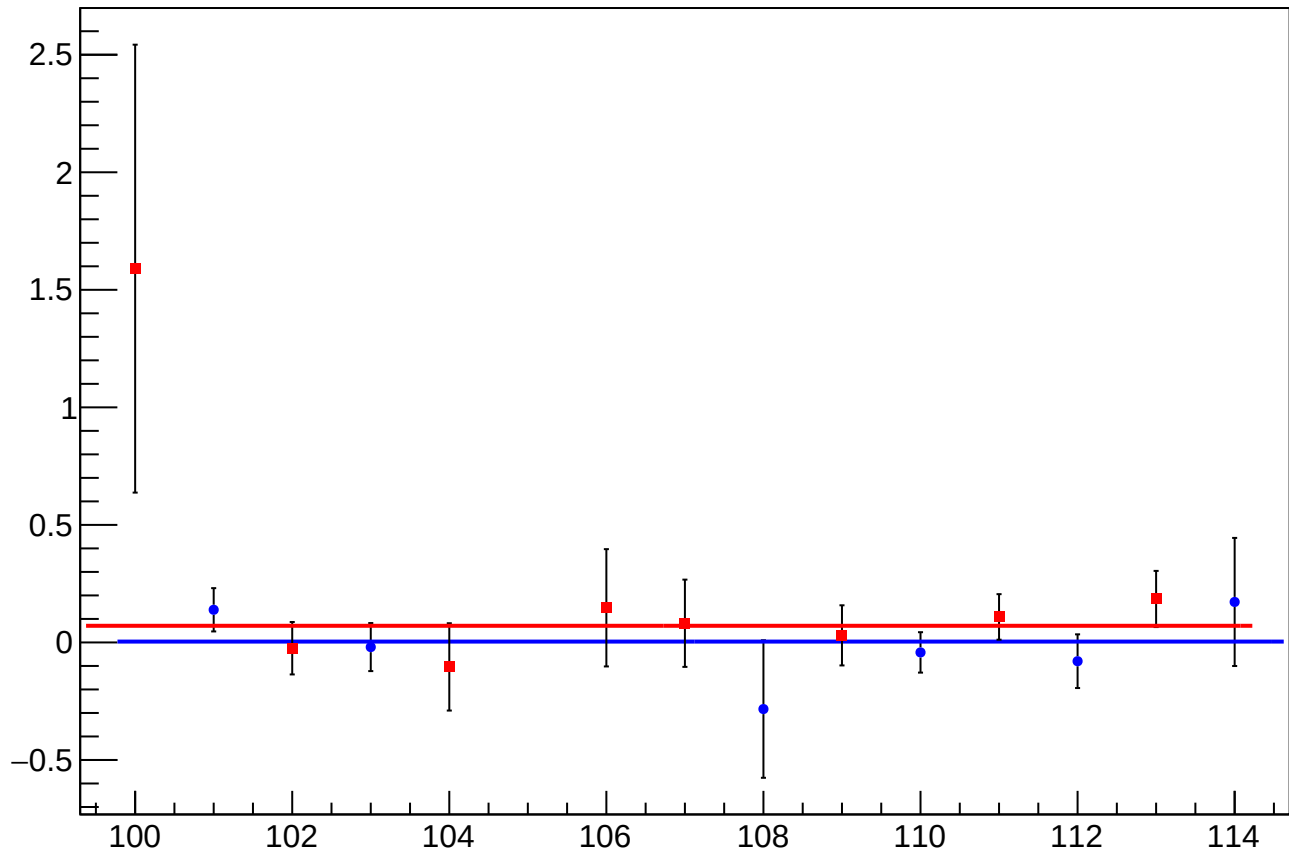
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3735447.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.047 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.050 χ^2 /NDF: 5.4/7

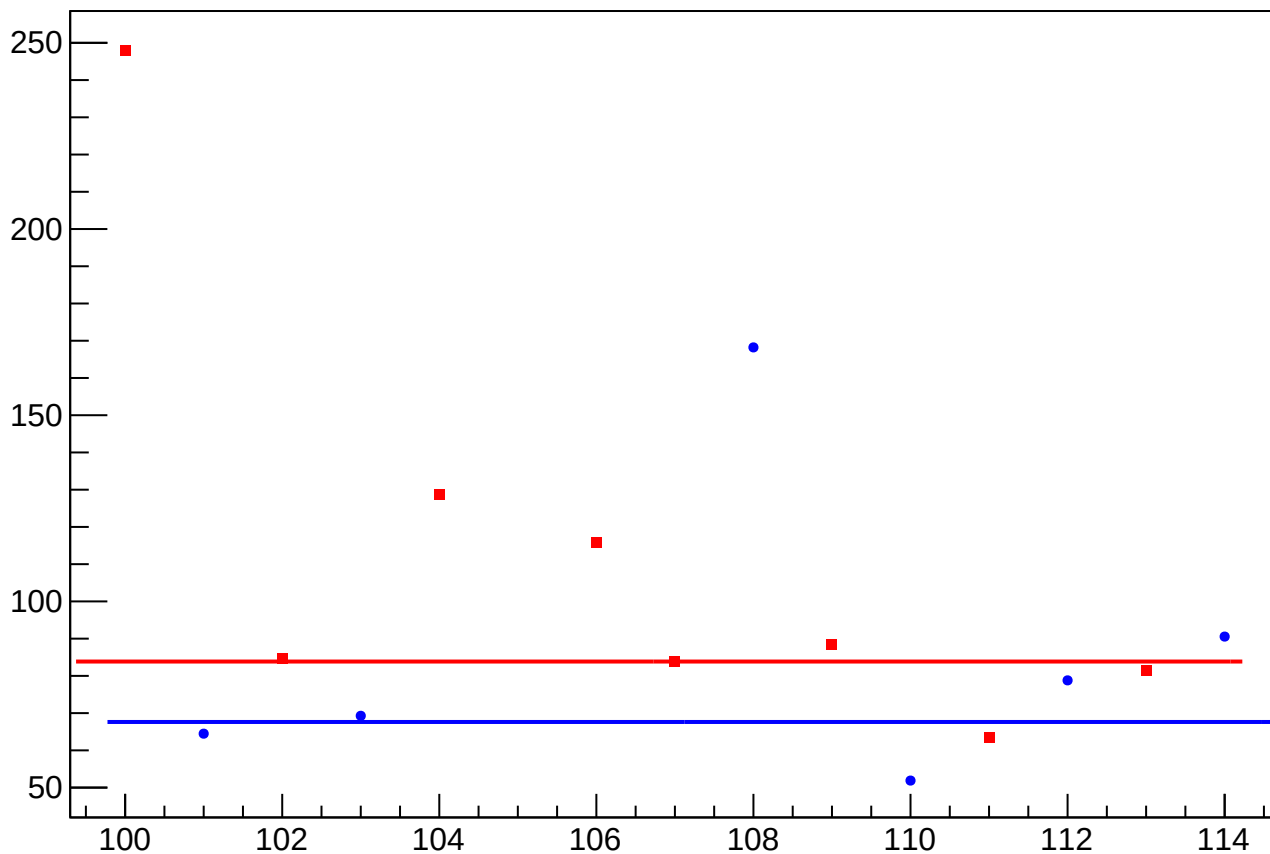
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 67.623+/-0.033 χ^2/NDF : 339720.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.852+/-0.036 χ^2/NDF : 302173.3/7

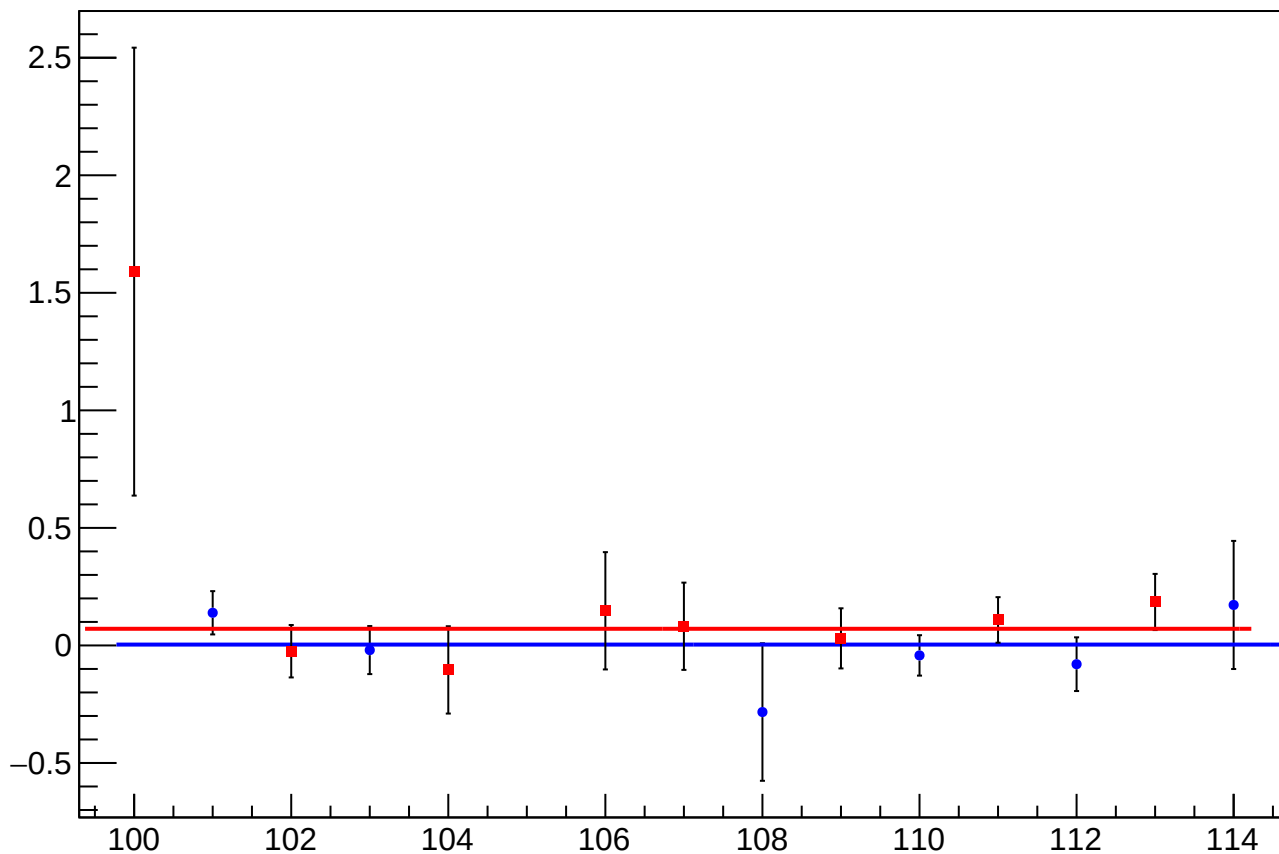
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.186+/-0.024 χ^2/NDF : 752568.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.047 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.050 χ^2 /NDF: 5.4/7

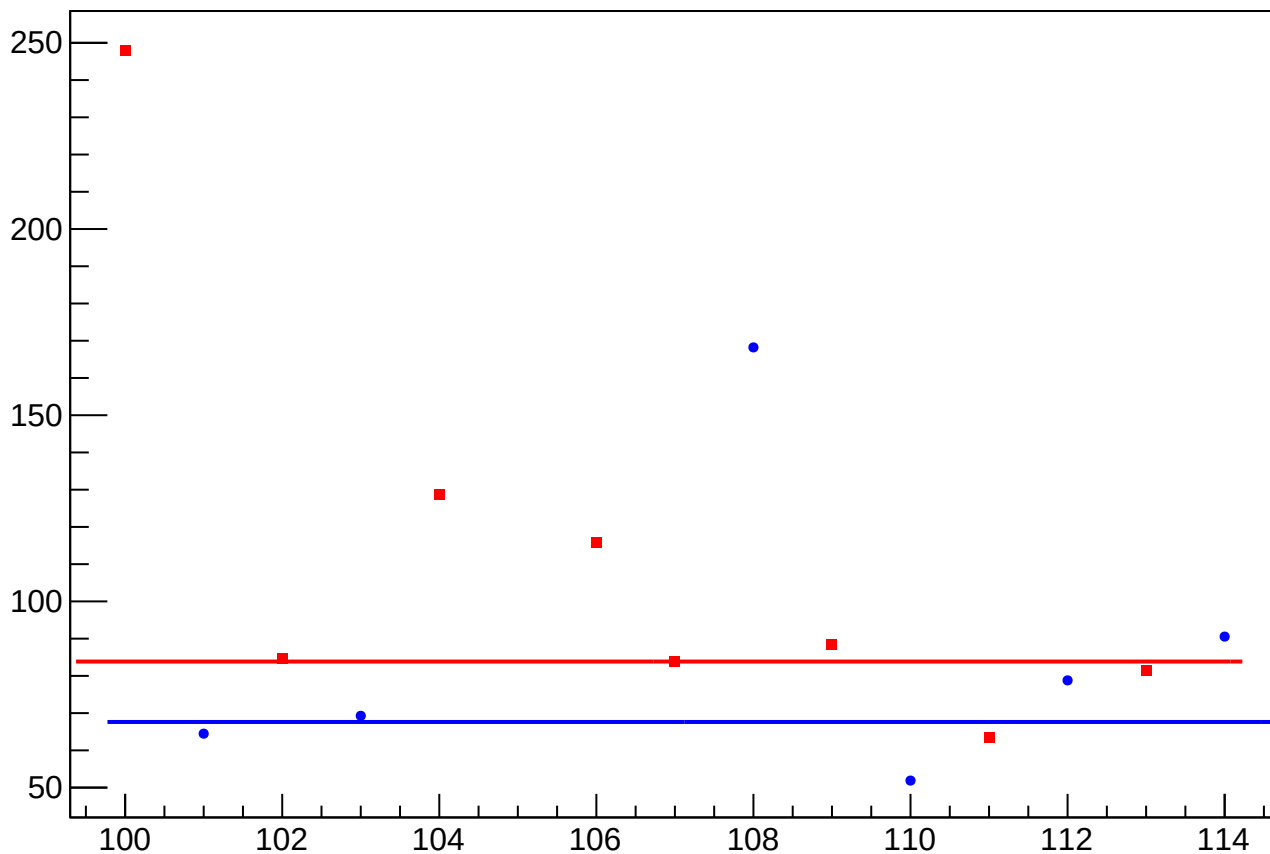
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.623+/-0.033 χ^2/NDF : 339720.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.852+/-0.036 χ^2/NDF : 302173.3/7

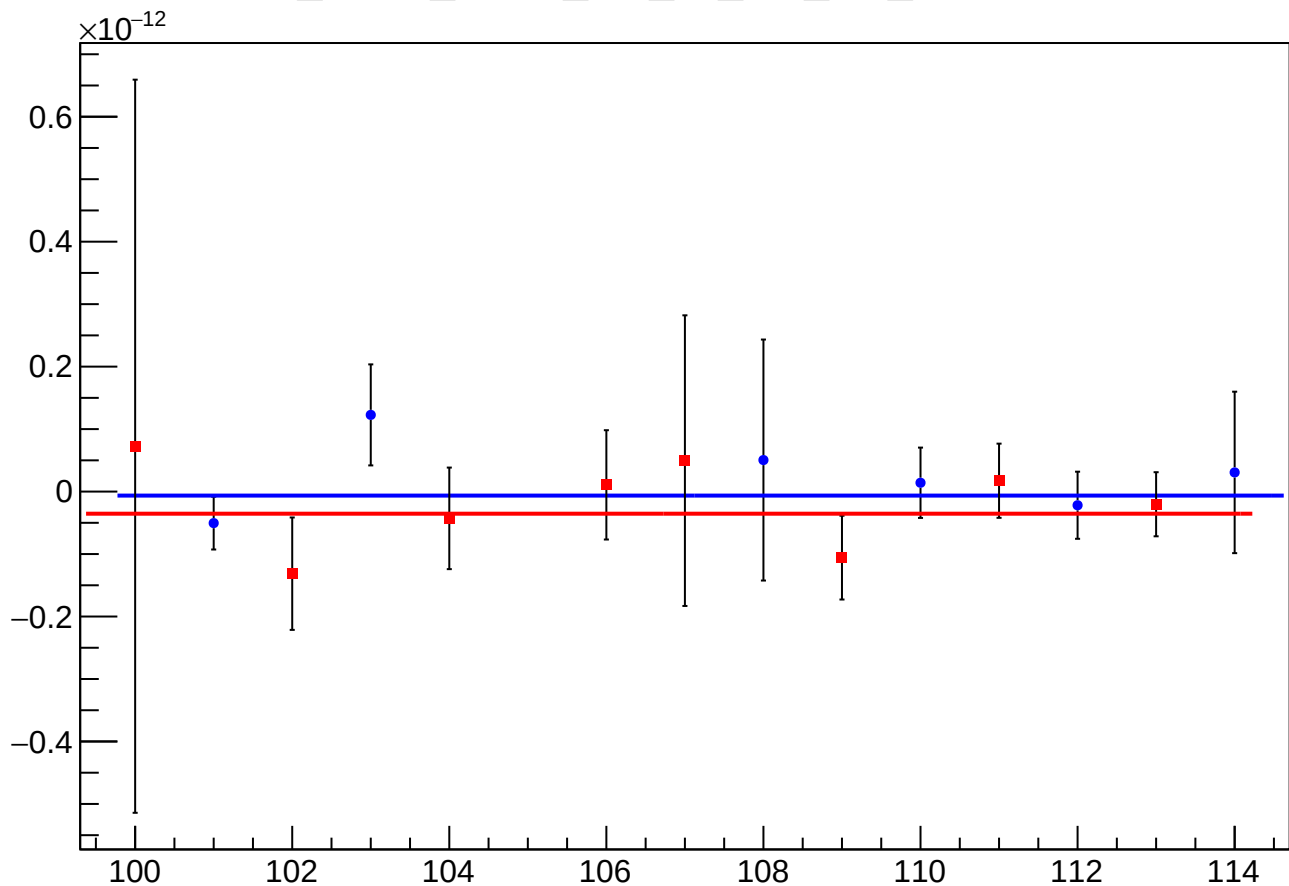
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.186+/-0.024 χ^2/NDF : 752568.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 3.6/7

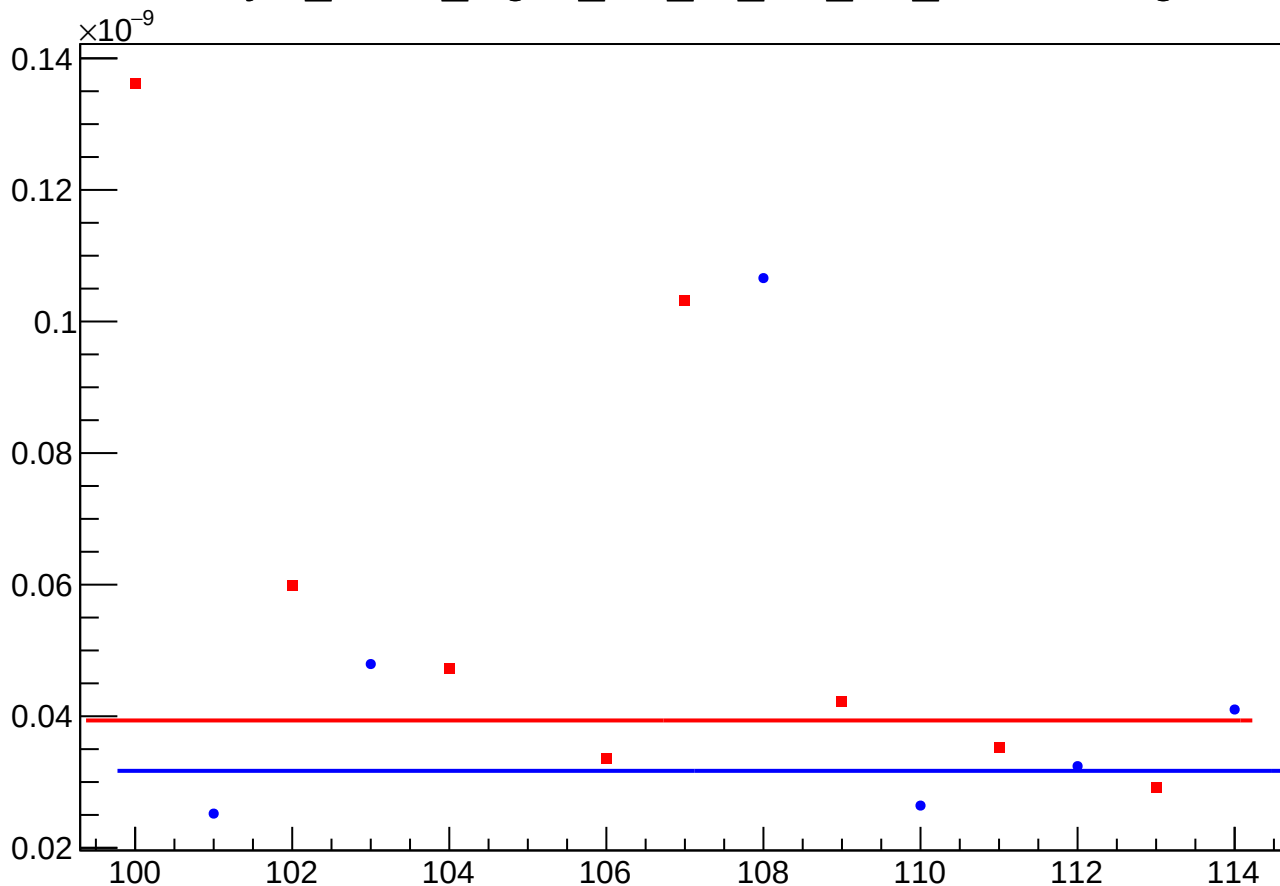
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 8.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 457810.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 429397.8/7

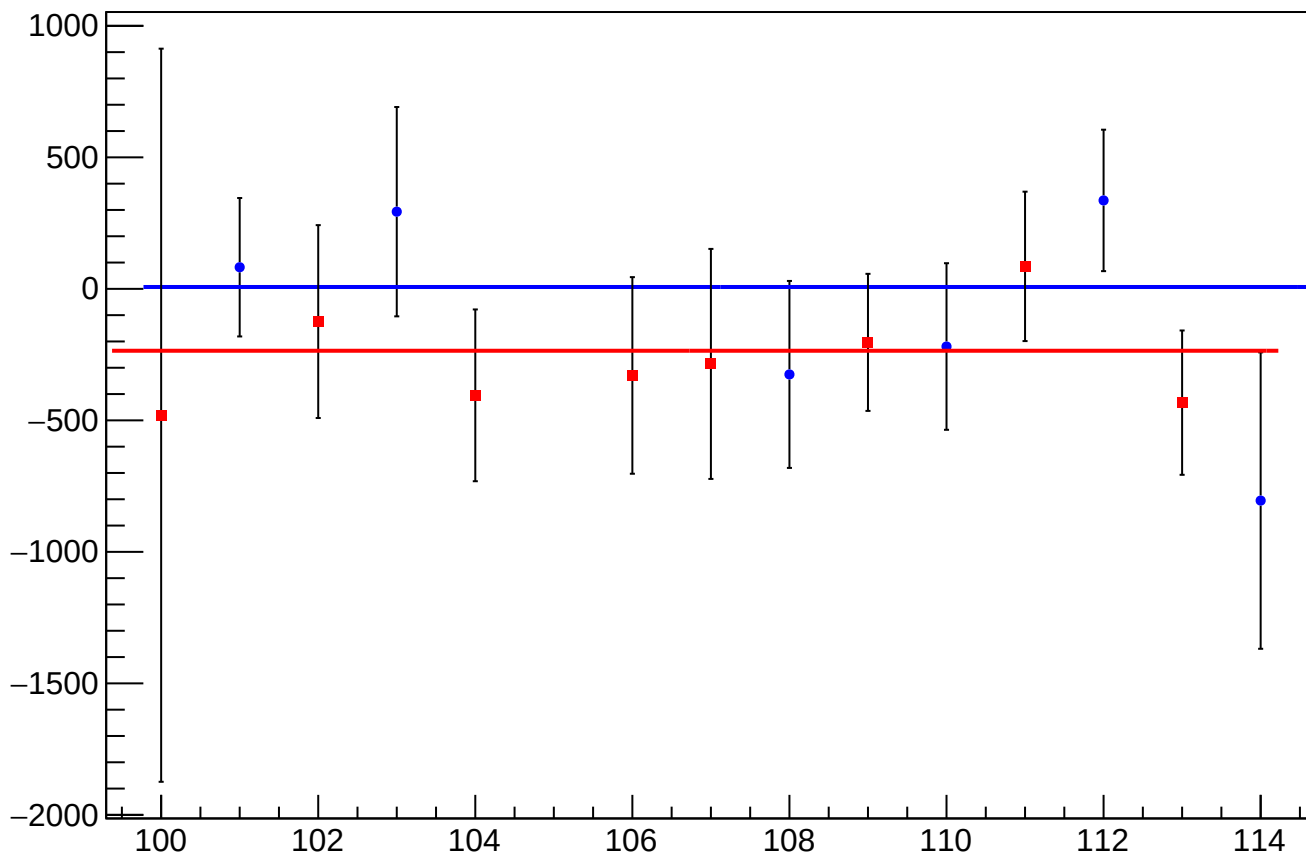
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 968350.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: 7.094+/-134.092 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.324+/-119.414 χ^2/NDF : 2.3/7

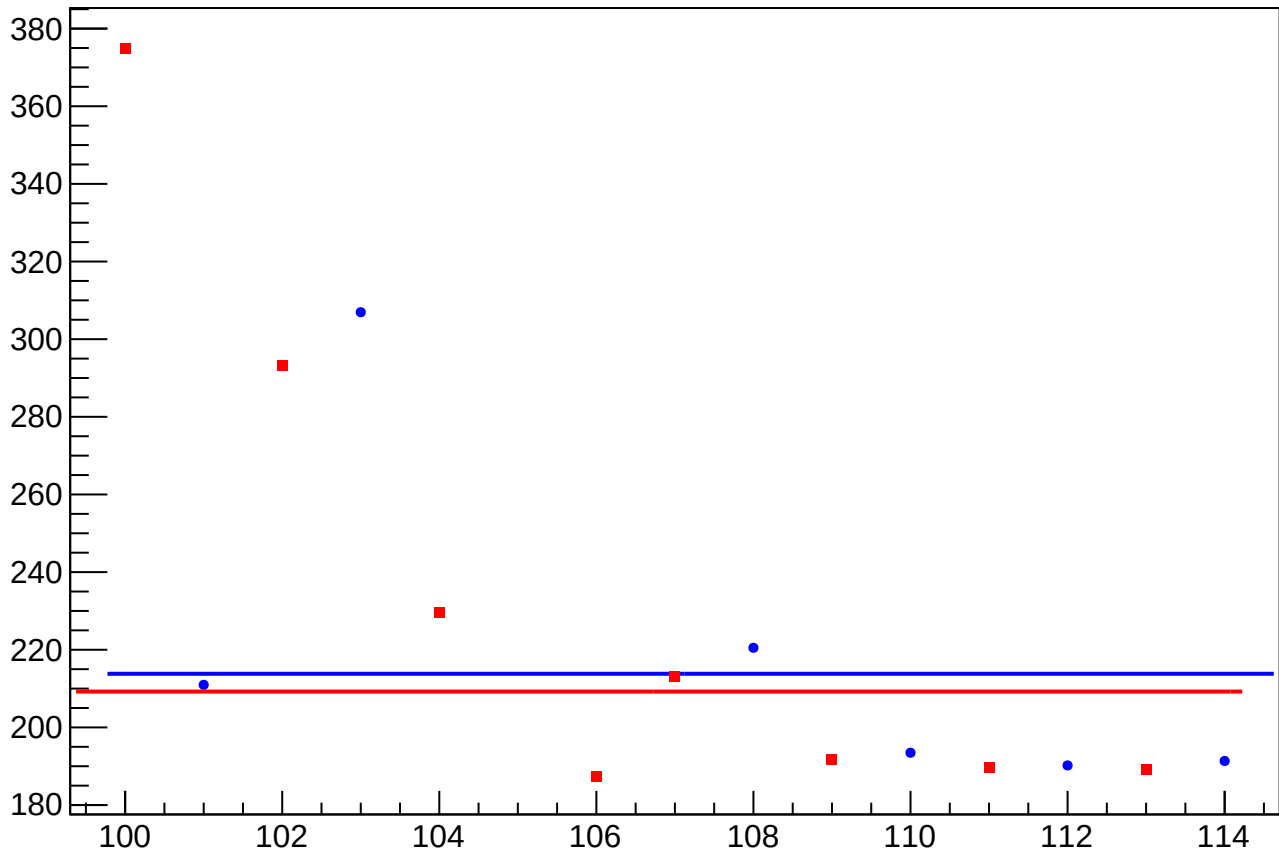
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.104+/-89.178 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 213.814 $\pm$ 0.095 χ^2 /NDF: 137314.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.235 $\pm$ 0.084 χ^2 /NDF: 176941.4/7

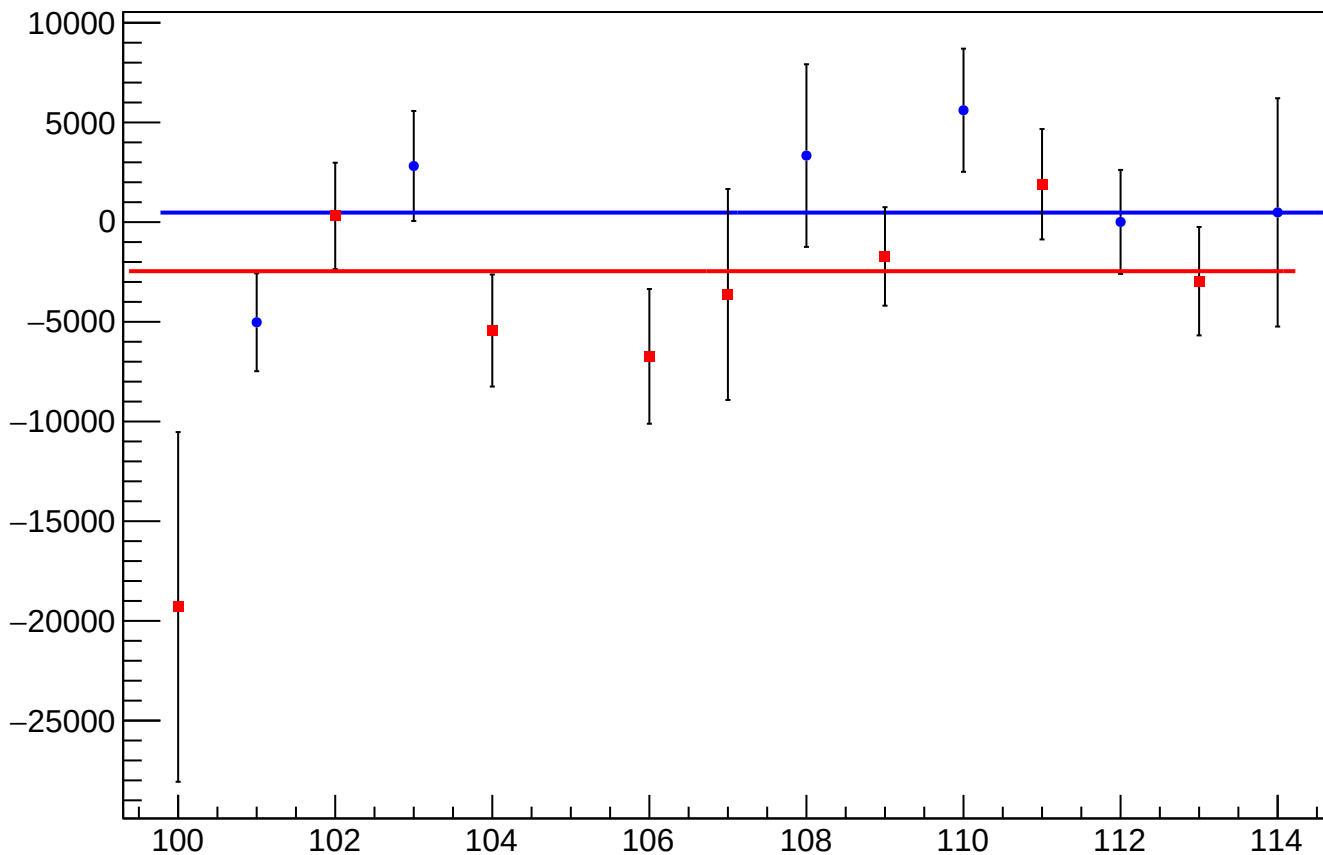
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.260 $\pm$ 0.063 χ^2 /NDF: 315556.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: 478.802 $\pm$ 1262.536 χ^2 /NDF: 8.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2459.359 $\pm$ 1095.581 χ^2 /NDF: 10.1/7

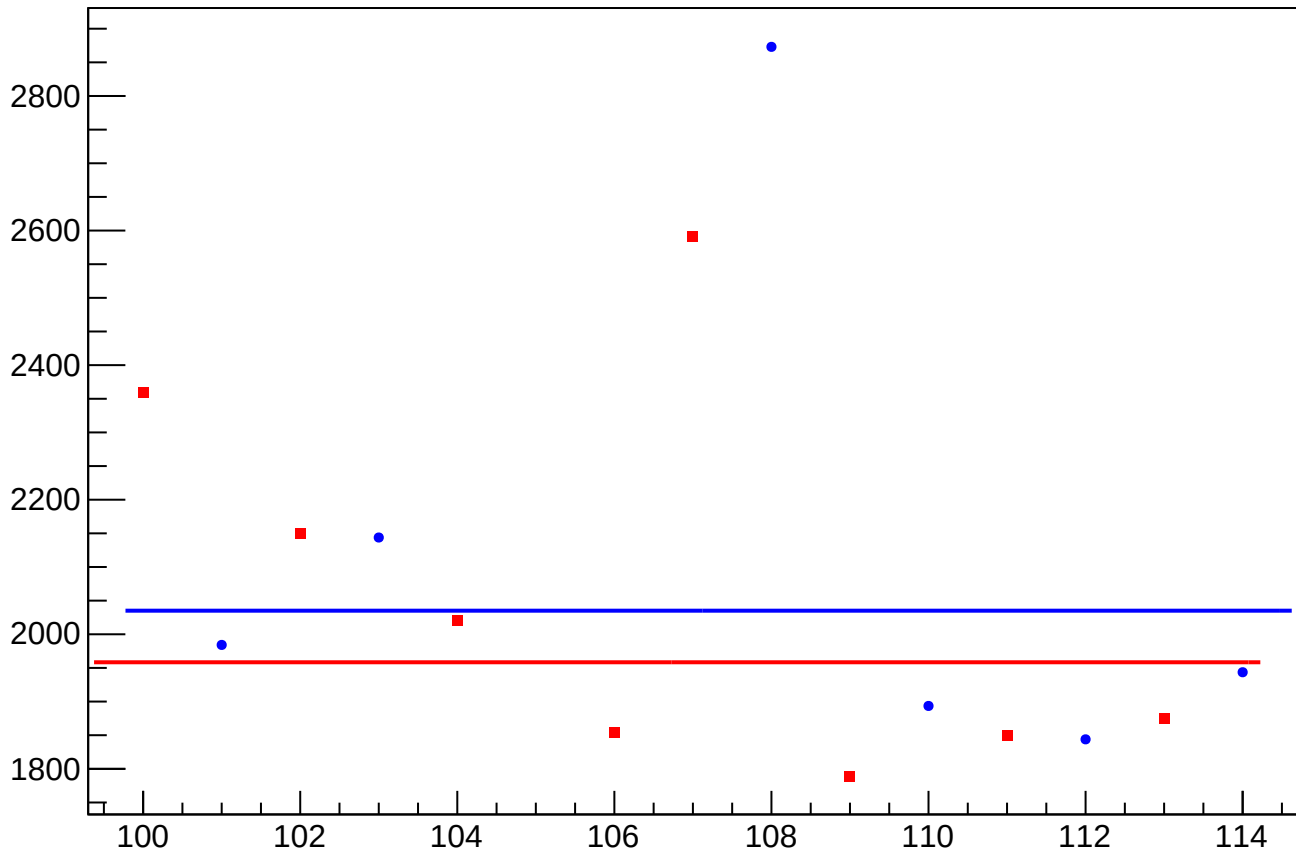
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1197.262 $\pm$ 827.470 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2035.065 $\pm$ 0.893 χ^2 /NDF: 86355.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1958.397 $\pm$ 0.775 χ^2 /NDF: 60452.1/7

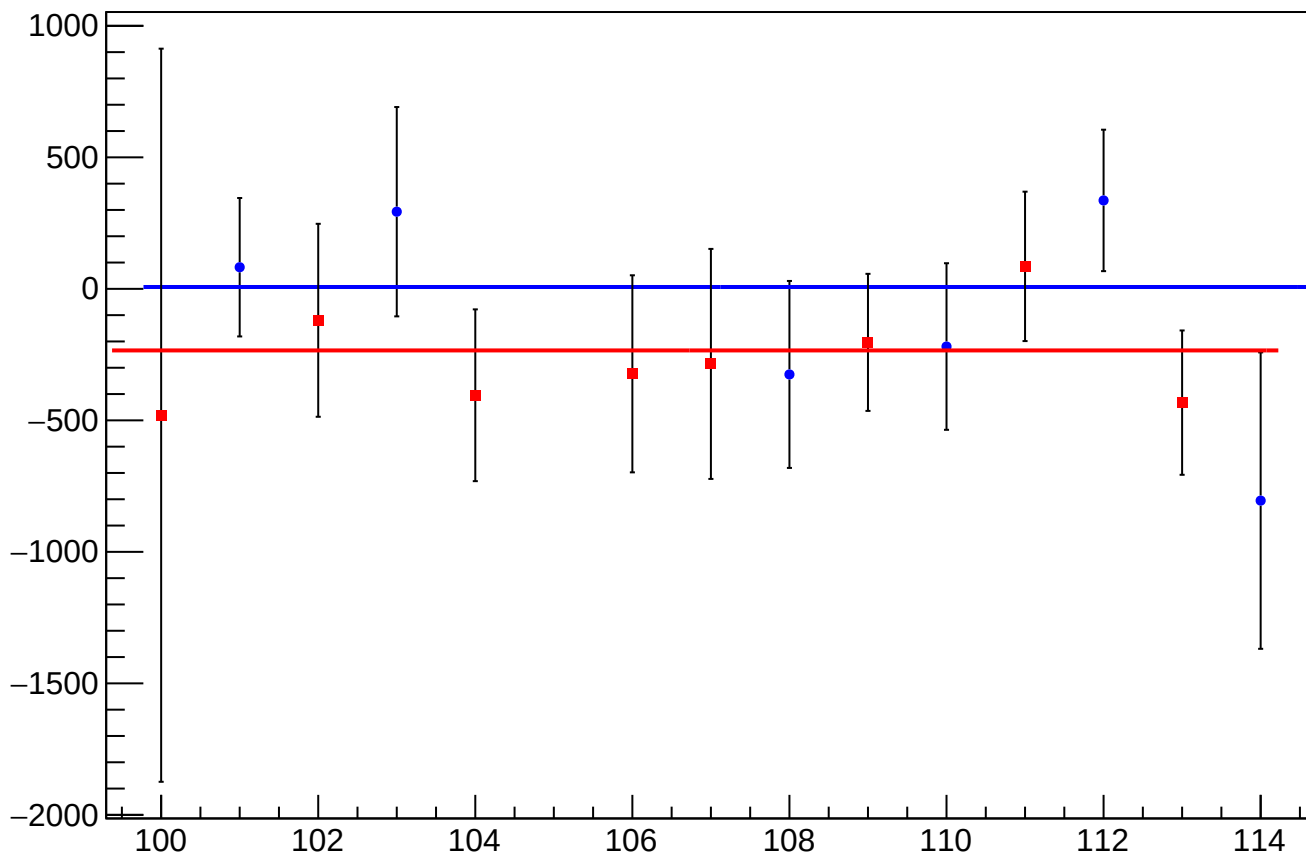
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1991.330 $\pm$ 0.585 χ^2 /NDF: 151015.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam4_mean vs Slug



Right In: 7.048 $\pm$ 134.092 χ^2 /NDF: 5.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -234.125 $\pm$ 119.449 χ^2 /NDF: 2.3/7

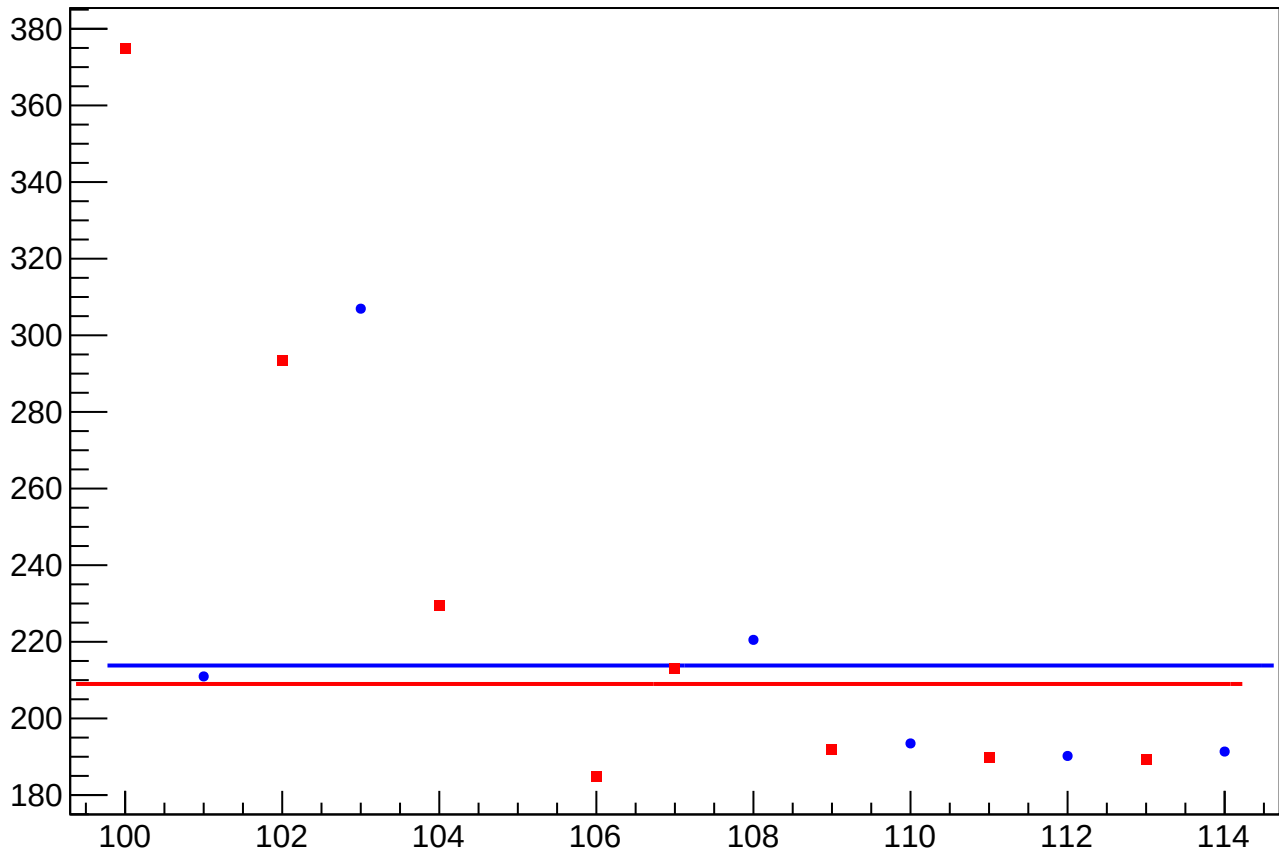
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -127.421 $\pm$ 89.192 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 213.814 $\pm$ 0.095 χ^2 /NDF: 137317.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 208.995 $\pm$ 0.084 χ^2 /NDF: 178793.0/7

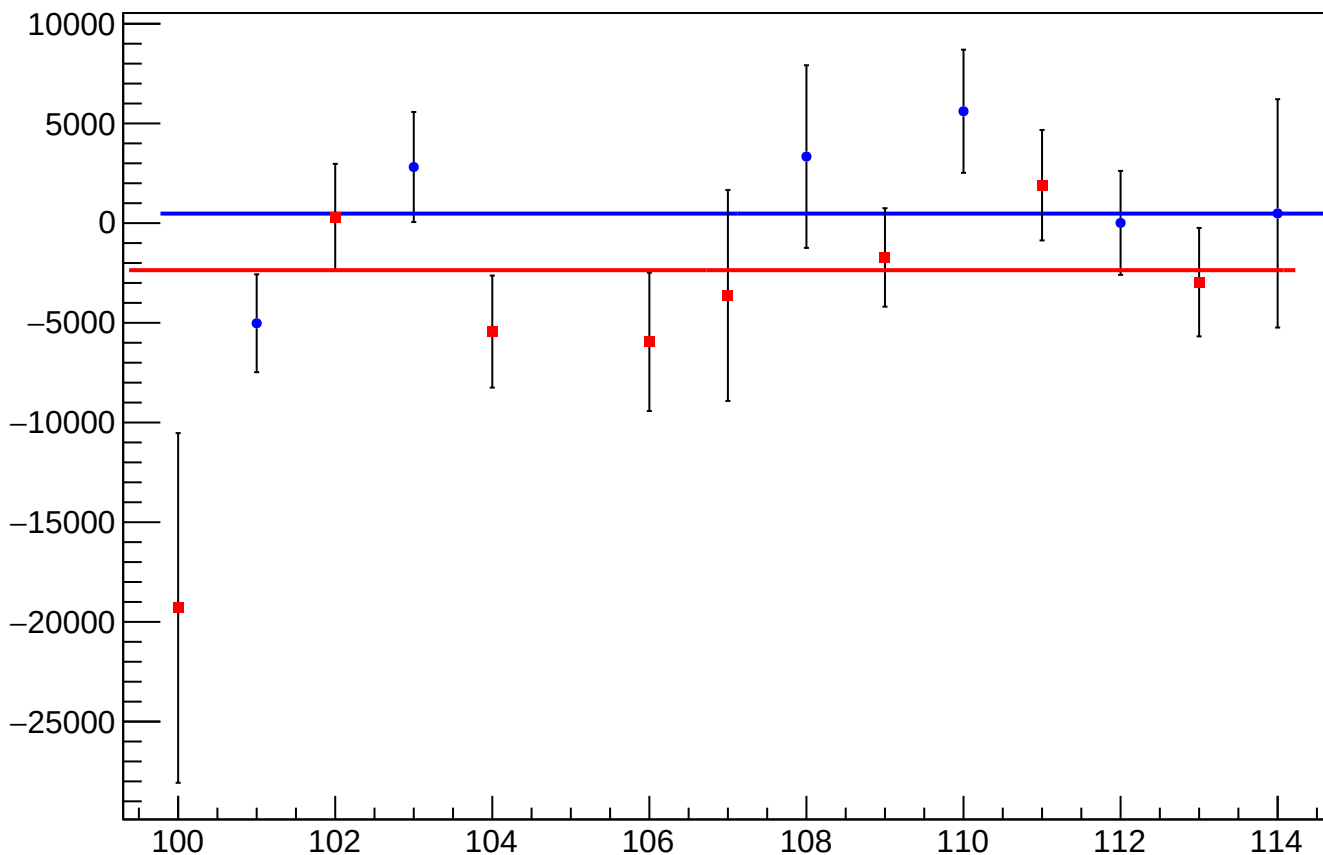
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.127 $\pm$ 0.063 χ^2 /NDF: 317550.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_cor_correction_mean vs Slug



Right In: 478.506 $\pm$ 1262.556 χ^2 /NDF: 8.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2359.682 $\pm$ 1098.697 χ^2 /NDF: 9.5/7

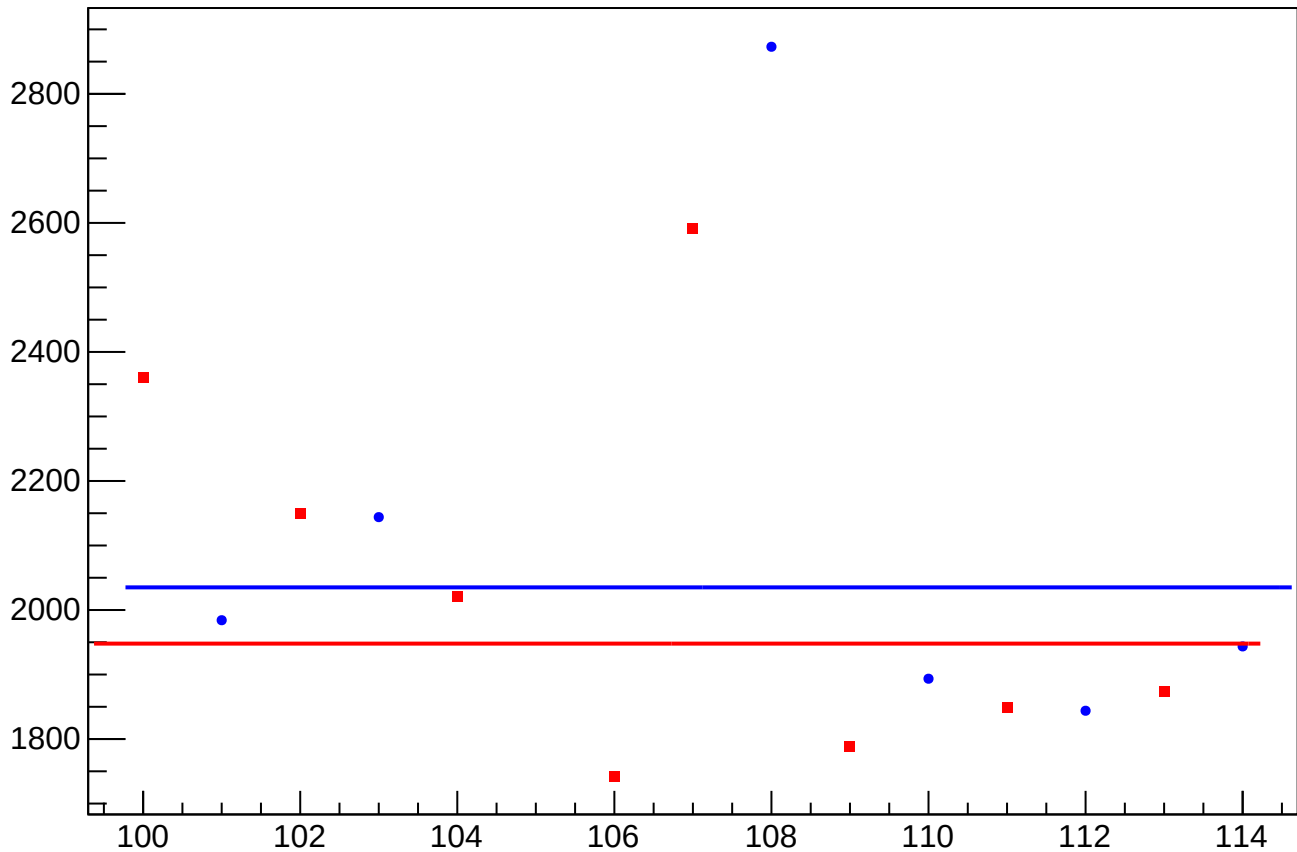
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1136.600 $\pm$ 828.815 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2035.096 $\pm$ 0.893 χ^2 /NDF: 86364.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1947.916 $\pm$ 0.777 χ^2 /NDF: 66200.6/7

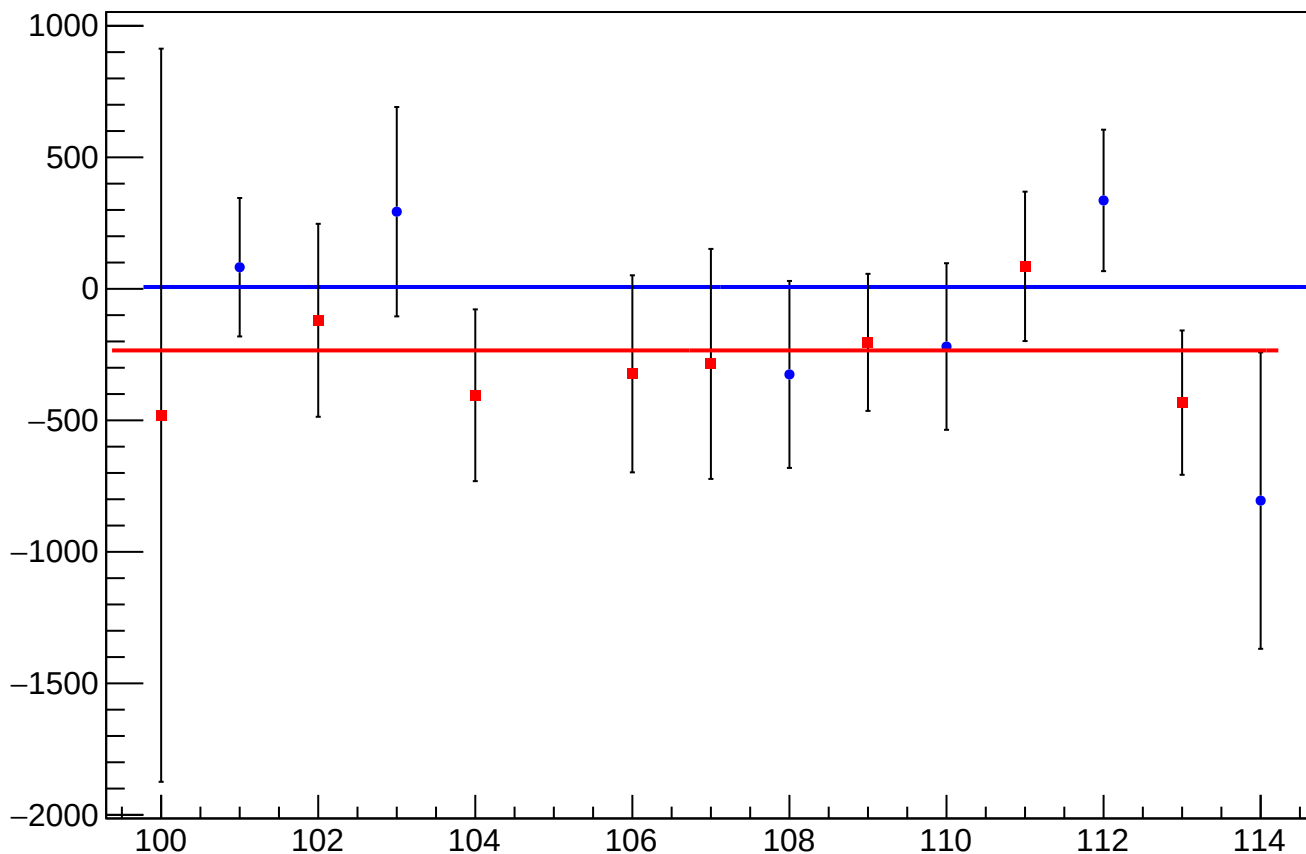
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1985.485 $\pm$ 0.586 χ^2 /NDF: 157992.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam4_mean vs Slug



Right In: 7.048 ± 134.092 χ^2/NDF : 5.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -234.125 ± 119.449 χ^2/NDF : 2.3/7

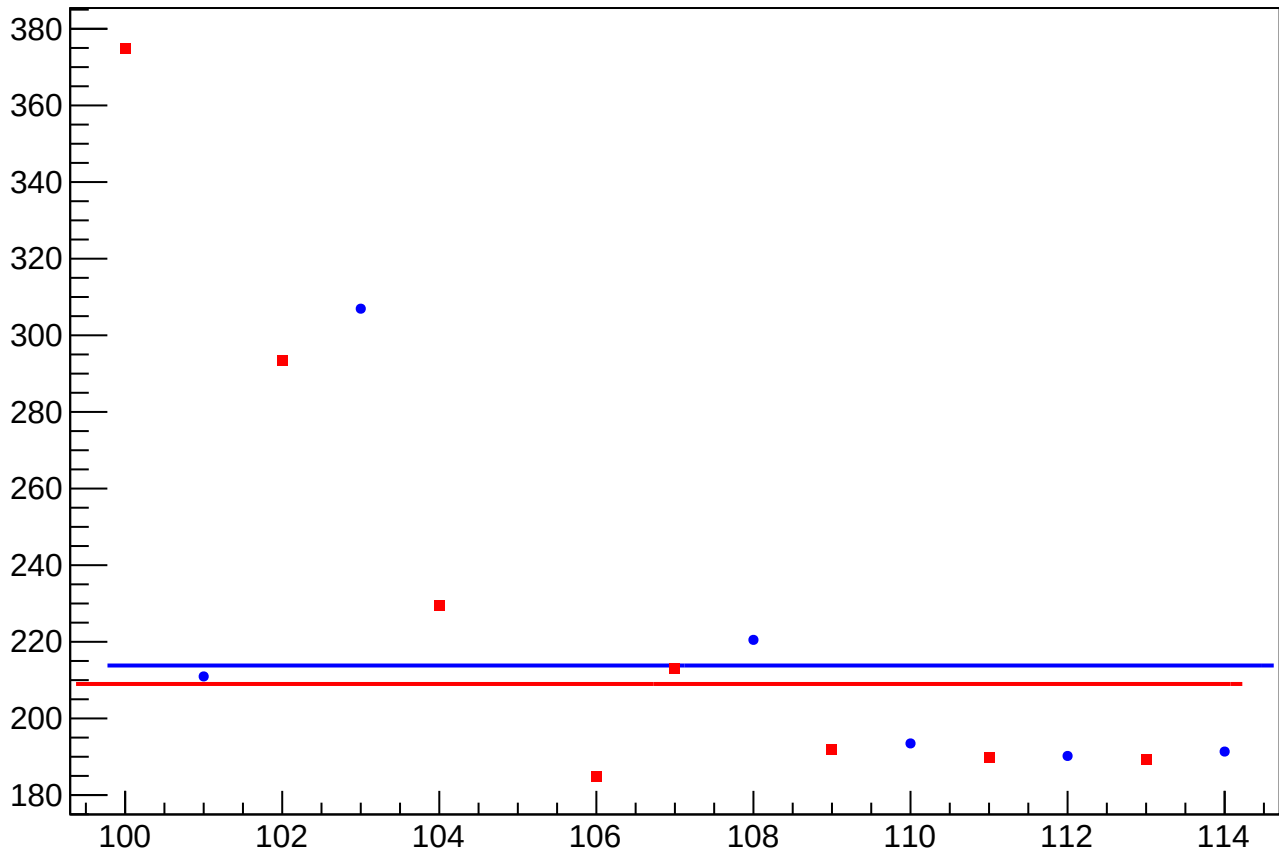
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -127.421 ± 89.192 χ^2/NDF : 9.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 213.814 $\pm$ 0.095 χ^2 /NDF: 137317.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 208.995 $\pm$ 0.084 χ^2 /NDF: 178793.0/7

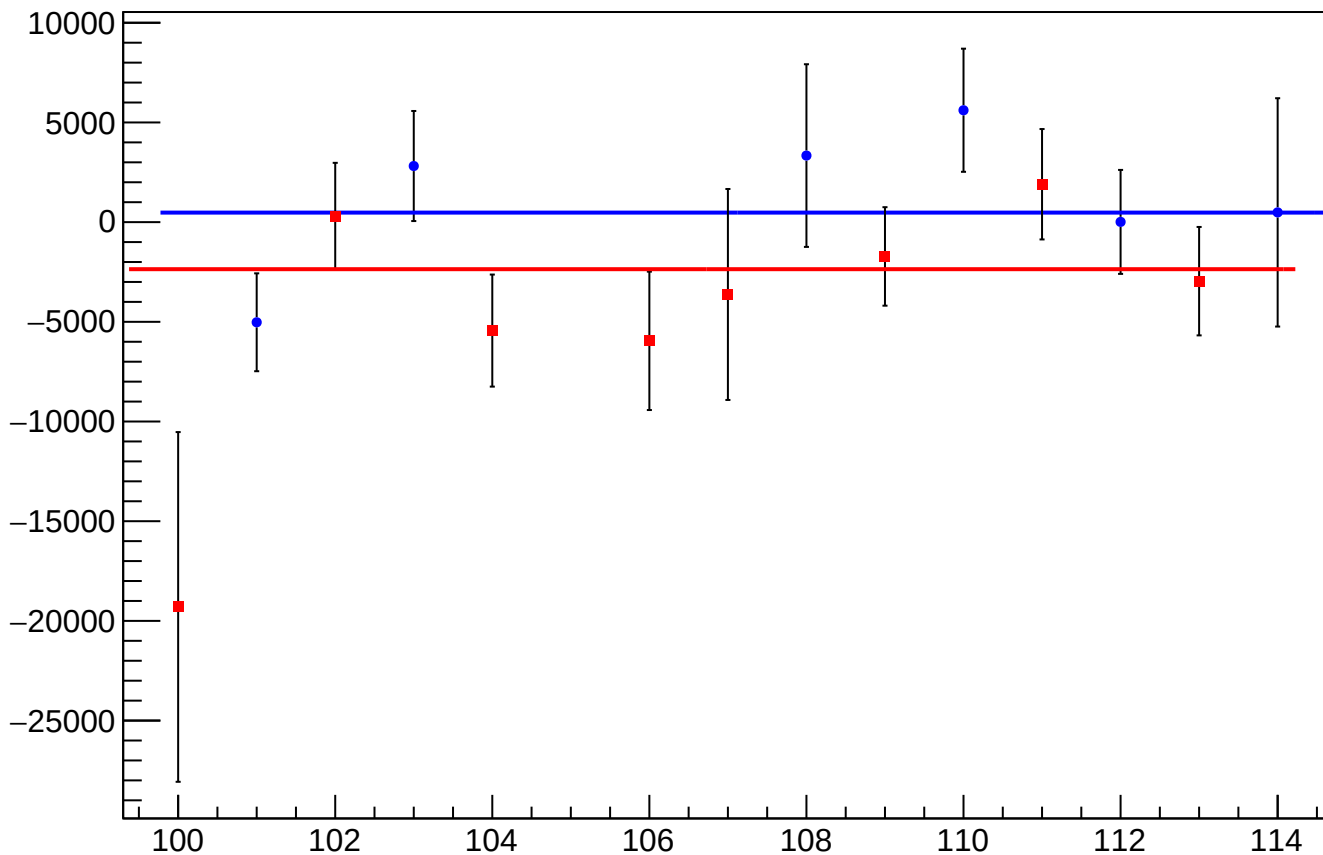
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.127 $\pm$ 0.063 χ^2 /NDF: 317550.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



Right In: 478.506 $\pm$ 1262.556 χ^2/NDF : 8.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2359.682 $\pm$ 1098.697 χ^2/NDF : 9.5/7

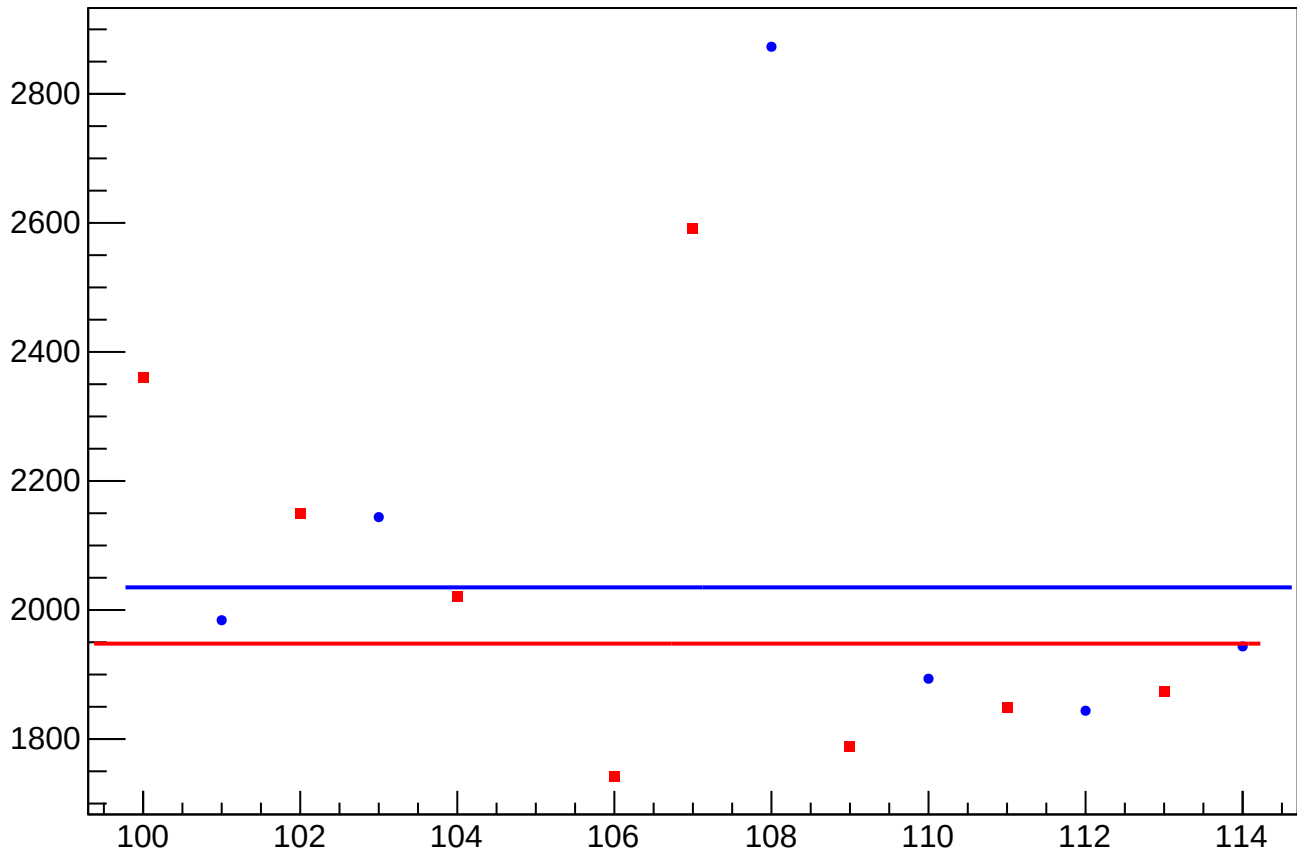
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1136.600 $\pm$ 828.815 χ^2/NDF : 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2035.096 $\pm$ 0.893 χ^2 /NDF: 86364.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1947.916 $\pm$ 0.777 χ^2 /NDF: 66200.6/7

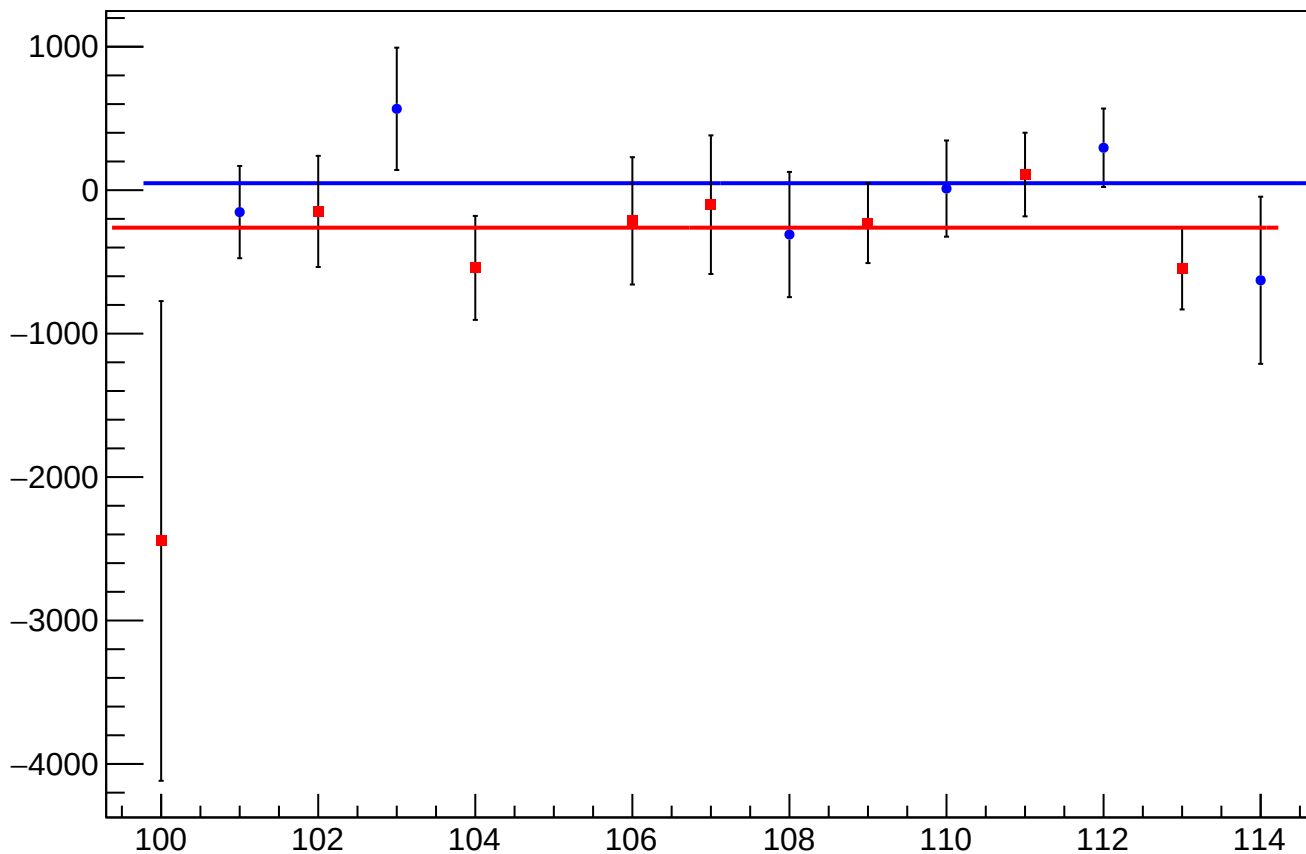
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1985.485 $\pm$ 0.586 χ^2 /NDF: 157992.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 48.673+/-148.033 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.496+/-127.982 χ^2/NDF : 5.2/7

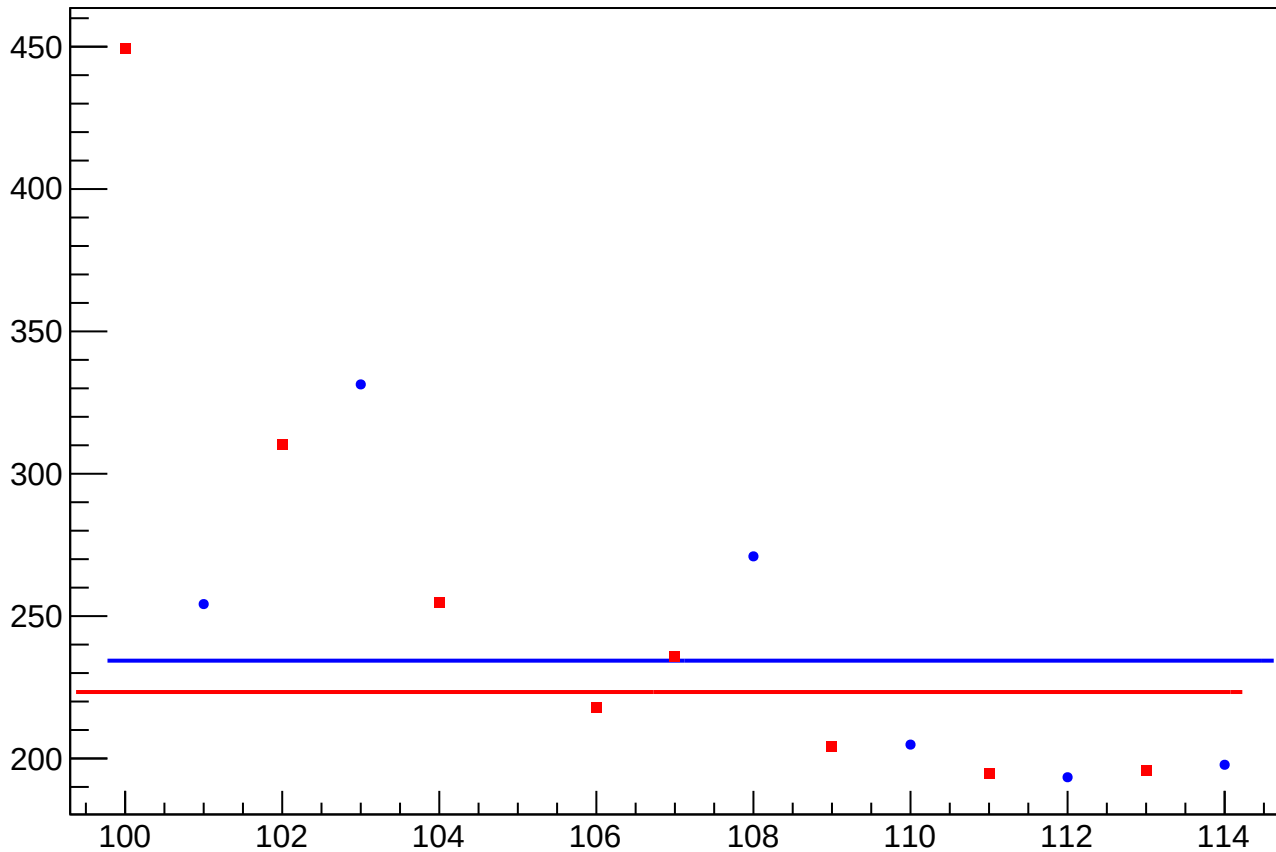
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.825+/-96.816 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 234.353+/-0.105 χ^2/NDF : 193472.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.341+/-0.090 χ^2/NDF : 201424.5/7

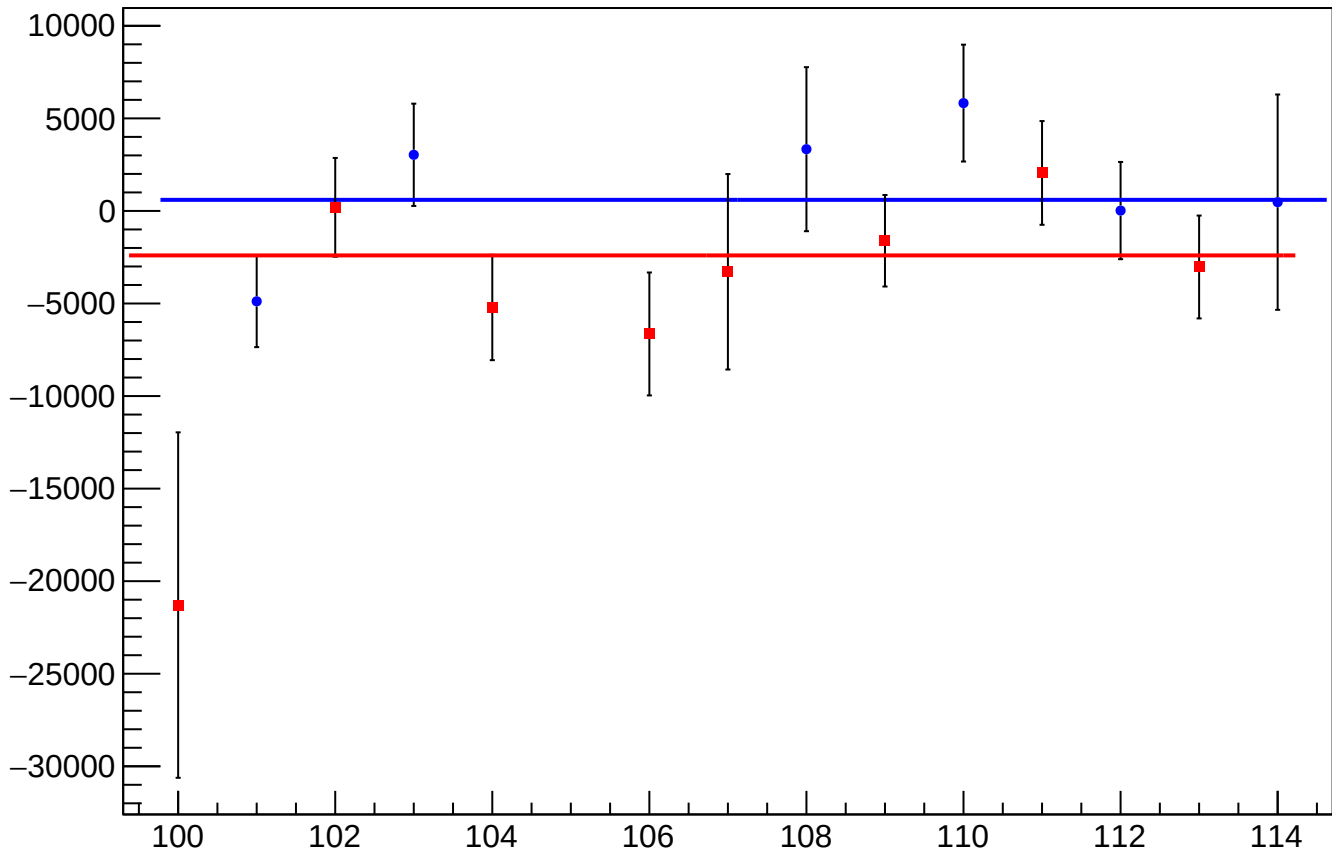
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.051+/-0.068 χ^2/NDF : 401230.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 599.399 $\pm$ 1269.778 χ^2 /NDF: 8.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2402.644 $\pm$ 1102.532 χ^2 /NDF: 10.4/7

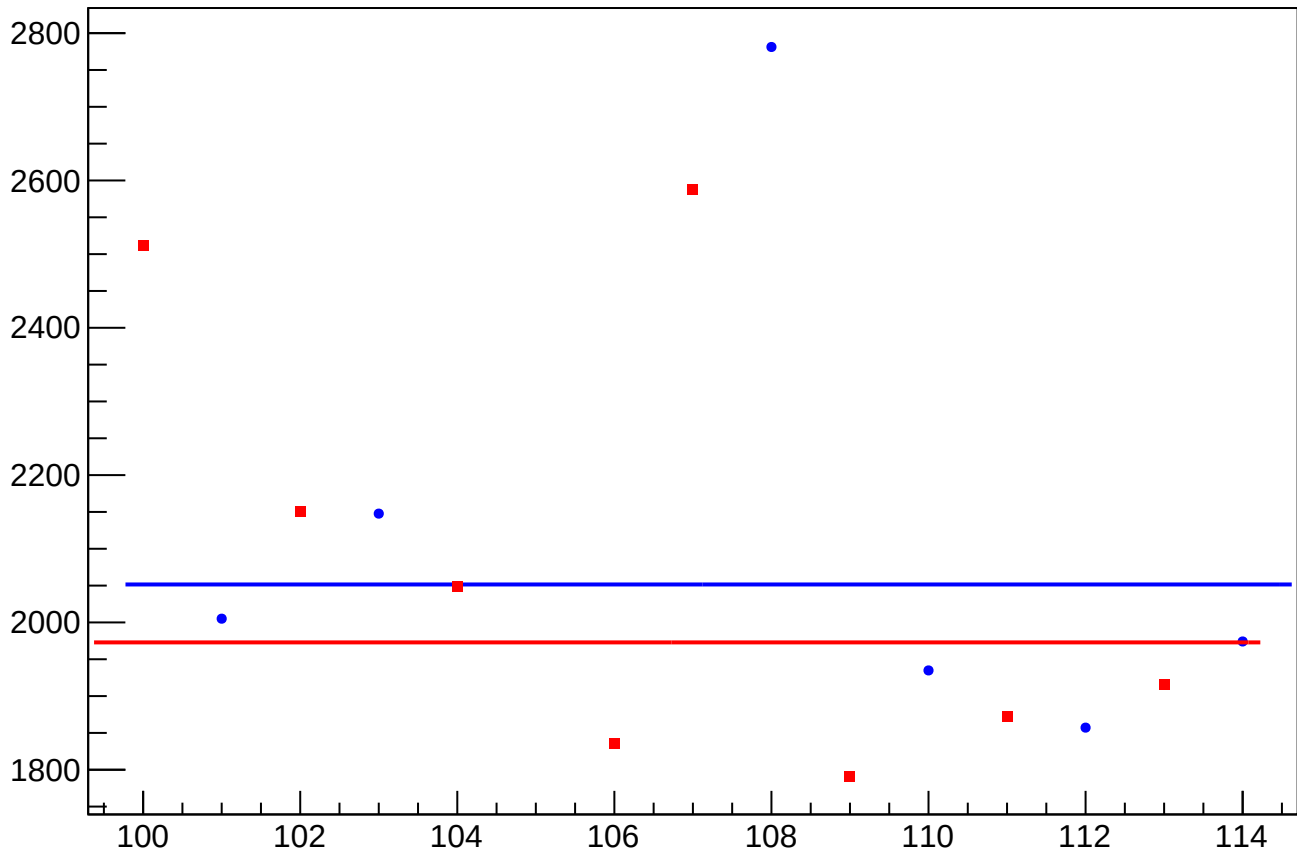
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1112.218 $\pm$ 832.504 χ^2 /NDF: 22.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2051.534 $\pm$ 0.898 χ^2 /NDF: 71410.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1972.885 $\pm$ 0.780 χ^2 /NDF: 61778.0/7

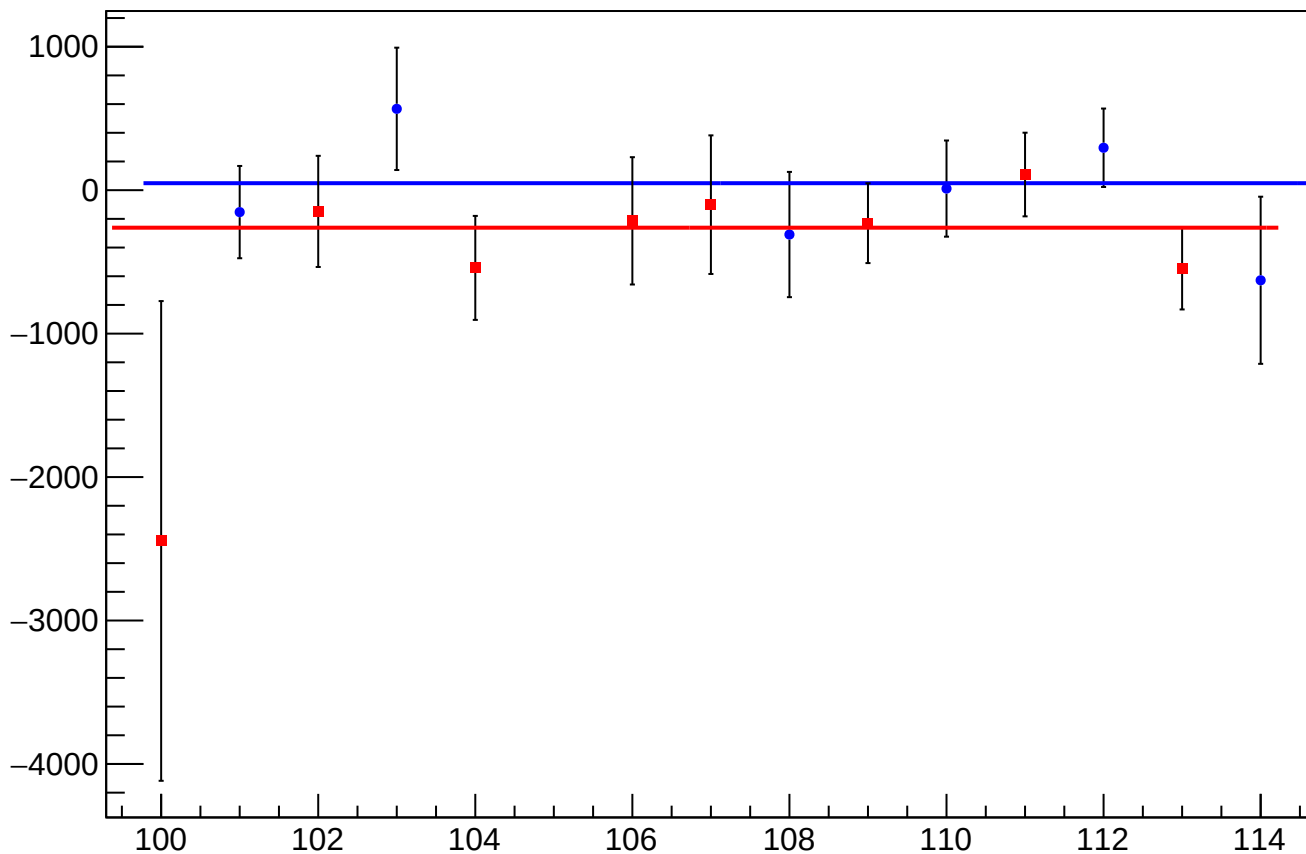
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2006.692 $\pm$ 0.589 χ^2 /NDF: 137562.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_mean vs Slug



Right In: 48.672+/-148.033 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.494+/-127.982 χ^2/NDF : 5.2/7

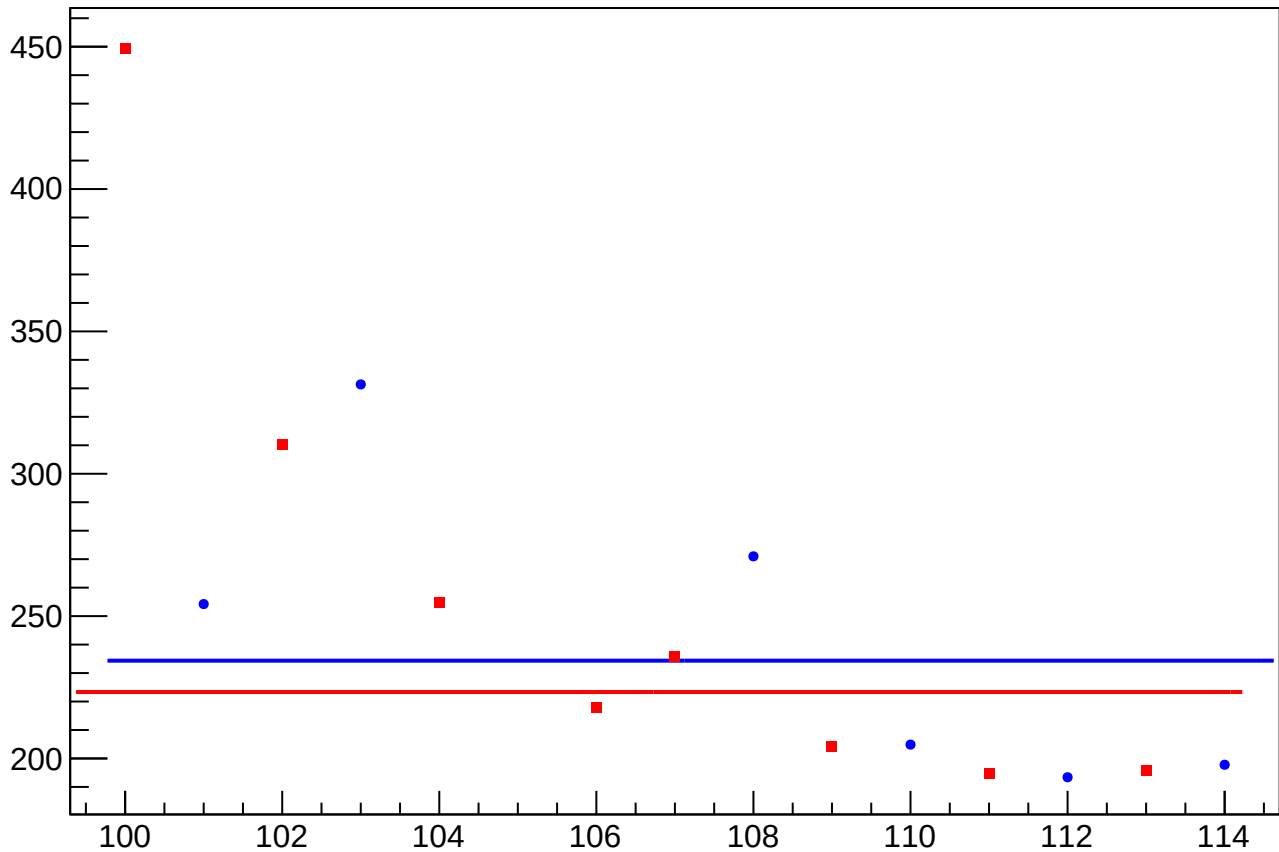
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.824+/-96.816 χ^2/NDF : 12.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 234.353+/-0.105 χ^2/NDF : 193477.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.340+/-0.090 χ^2/NDF : 201425.8/7

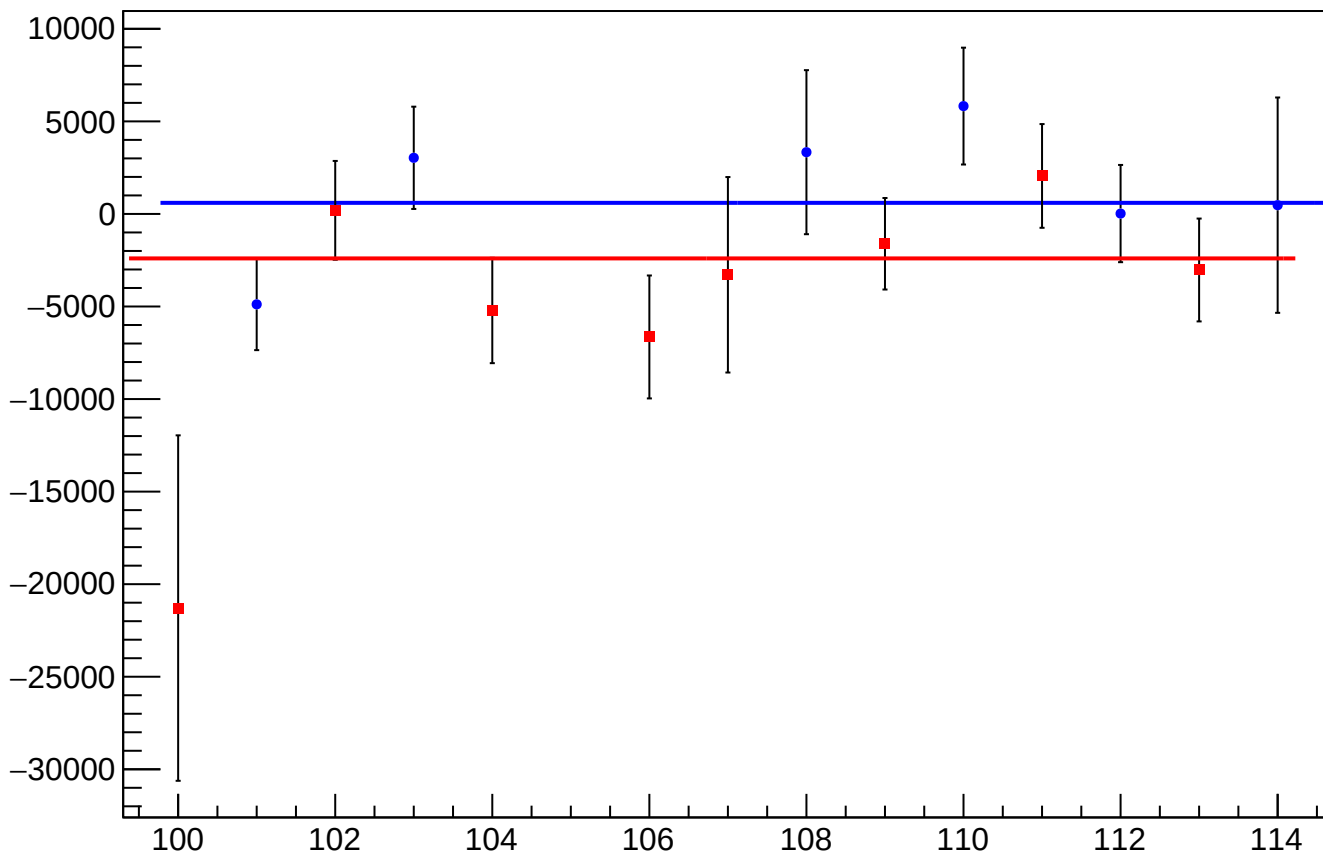
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.051+/-0.068 χ^2/NDF : 401236.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: 599.400+/-1269.778 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2402.641+/-1102.532 χ^2/NDF : 10.4/7

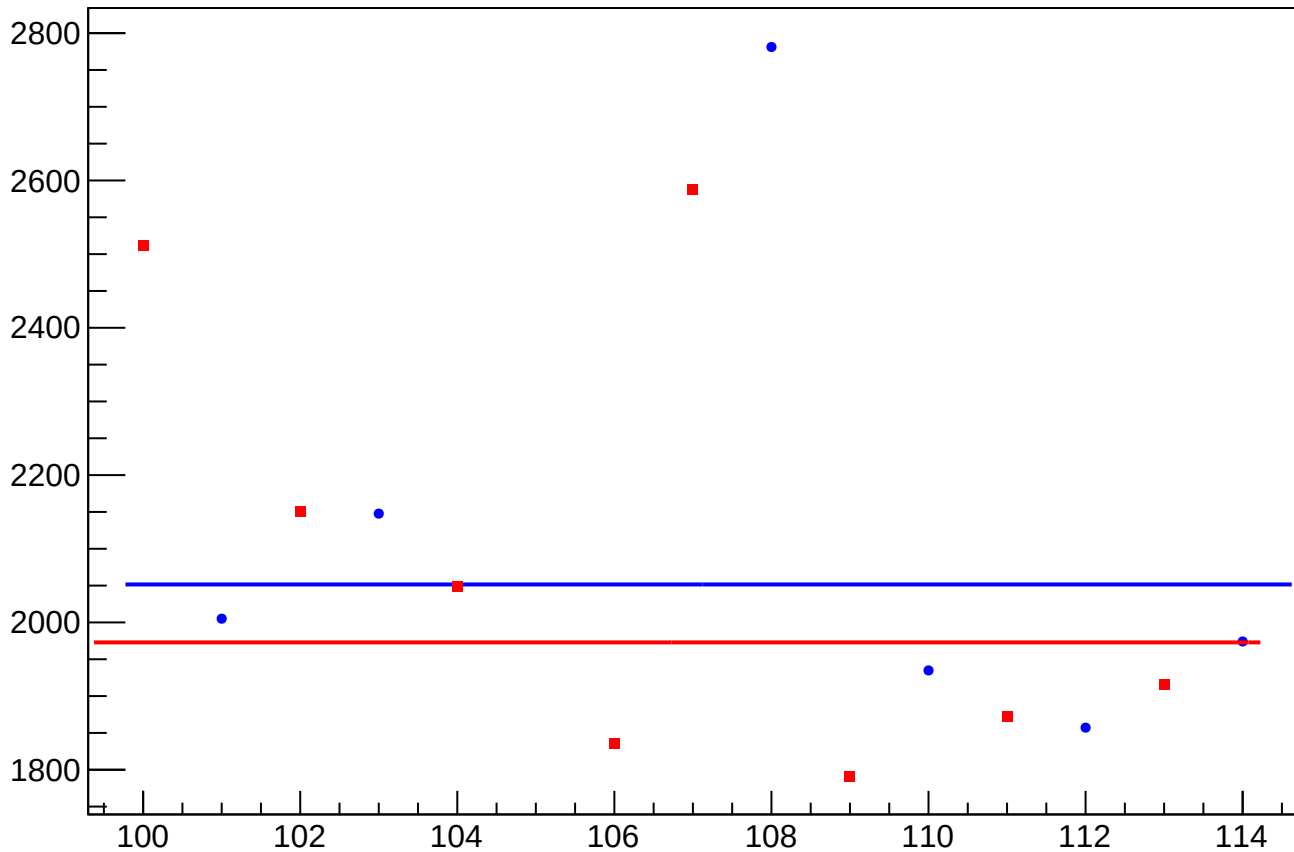
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1112.215+/-832.503 χ^2/NDF : 22.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2051.533 $\pm$ 0.898 χ^2 /NDF: 71410.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1972.883 $\pm$ 0.780 χ^2 /NDF: 61778.9/7

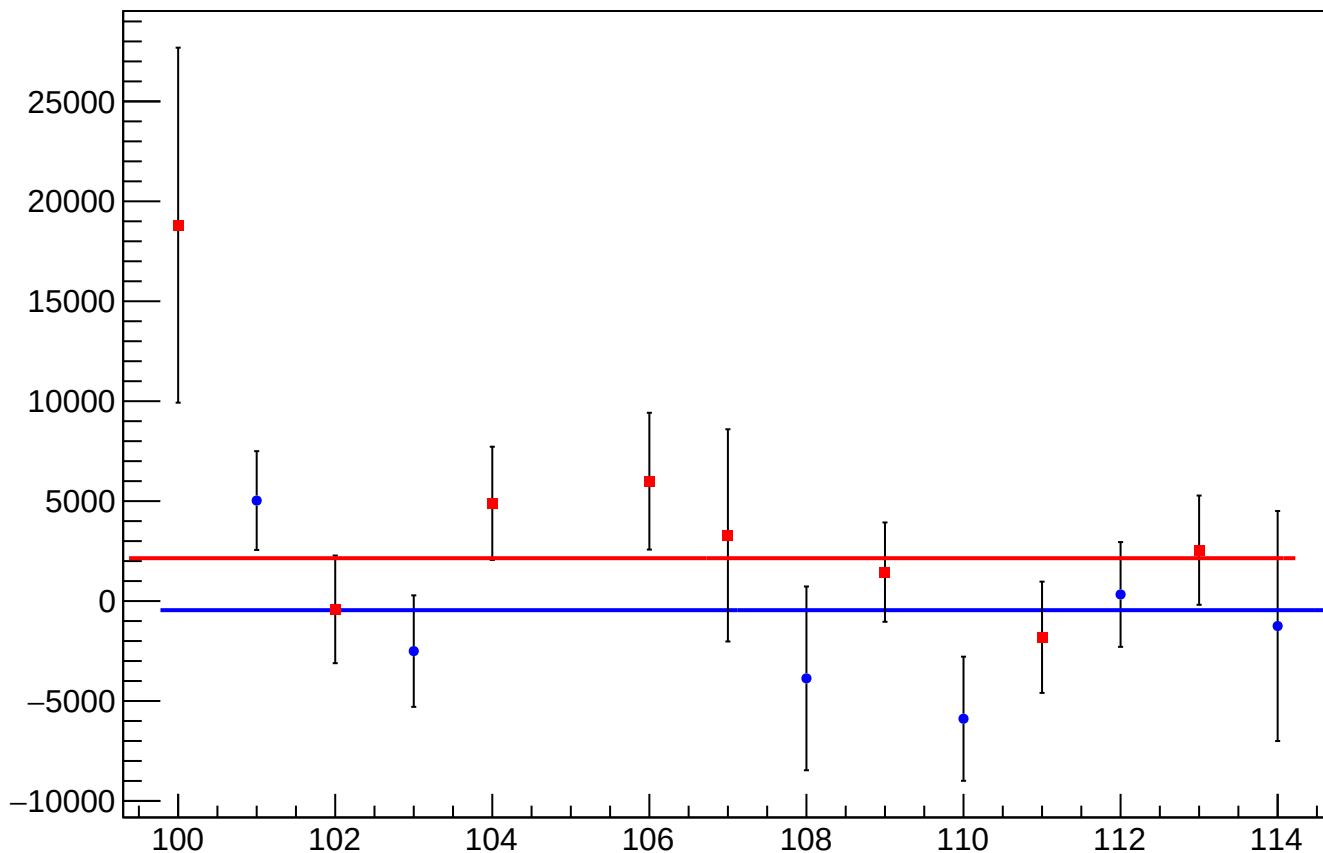
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2006.691 $\pm$ 0.589 χ^2 /NDF: 137564.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_mean vs Slug



Right In: -455.941+/-1271.022 χ^2/NDF : 9.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2145.159+/-1103.670 χ^2/NDF : 8.8/7

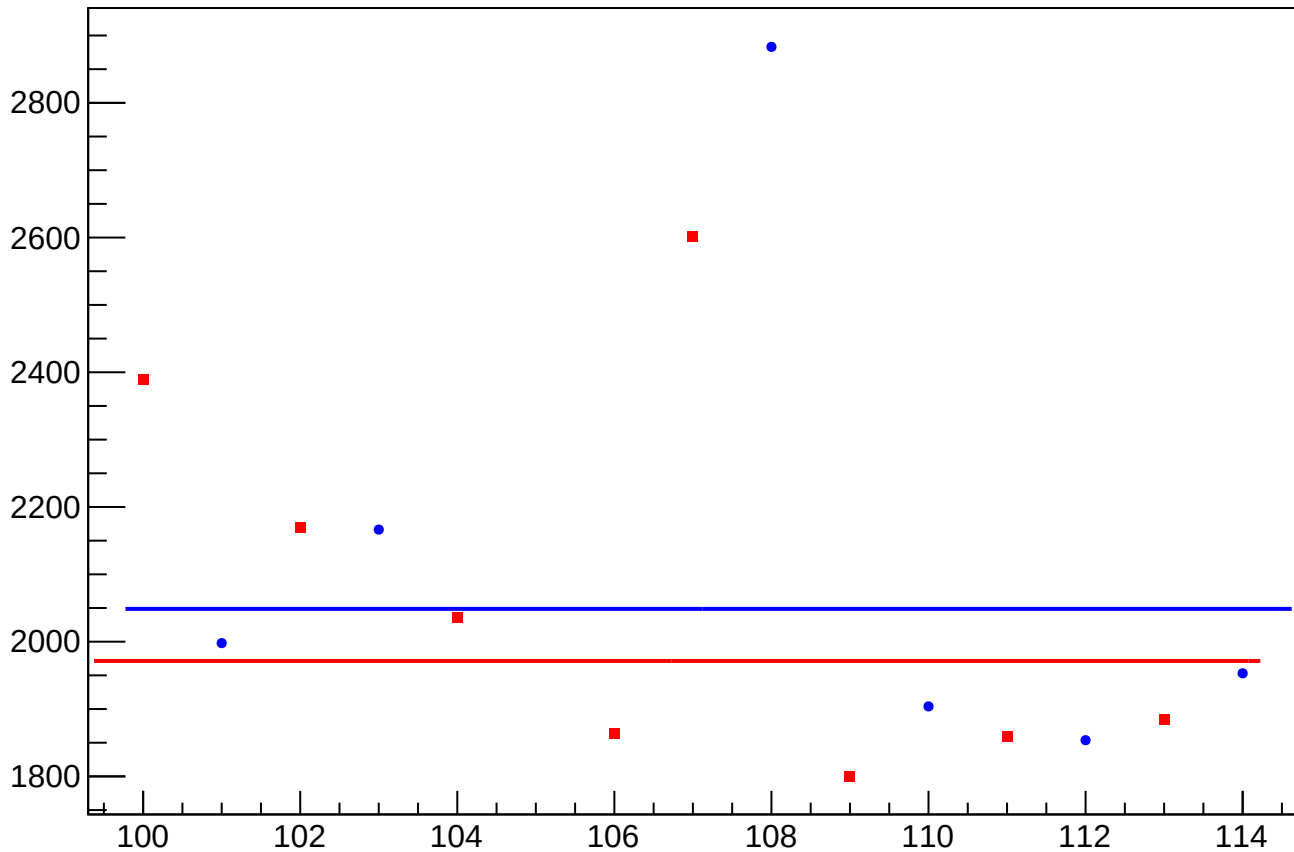
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.011+/-833.344 χ^2/NDF : 20.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2048.721+/-0.899 χ^2/NDF : 86272.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1971.401+/-0.780 χ^2/NDF : 61294.4/7

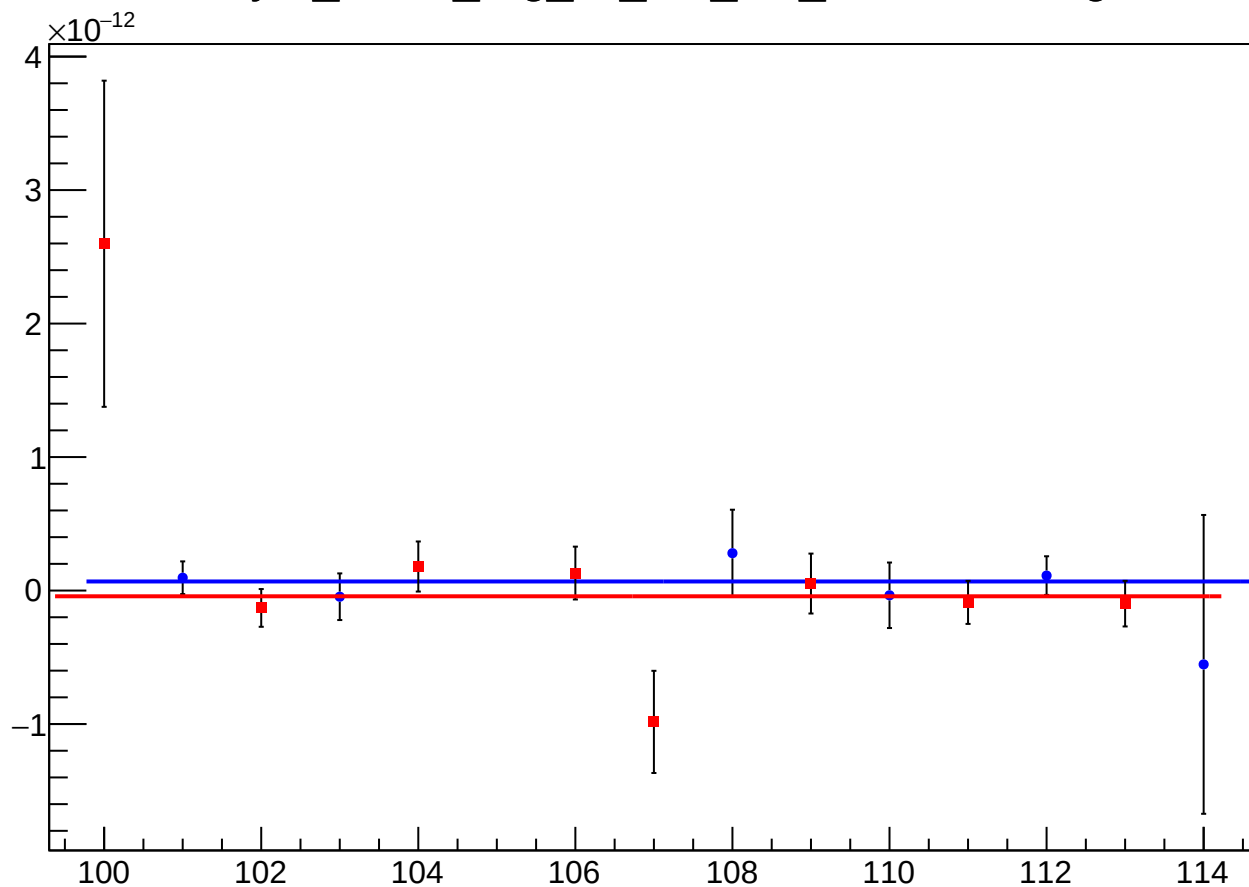
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.639+/-0.589 χ^2/NDF : 151786.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/7

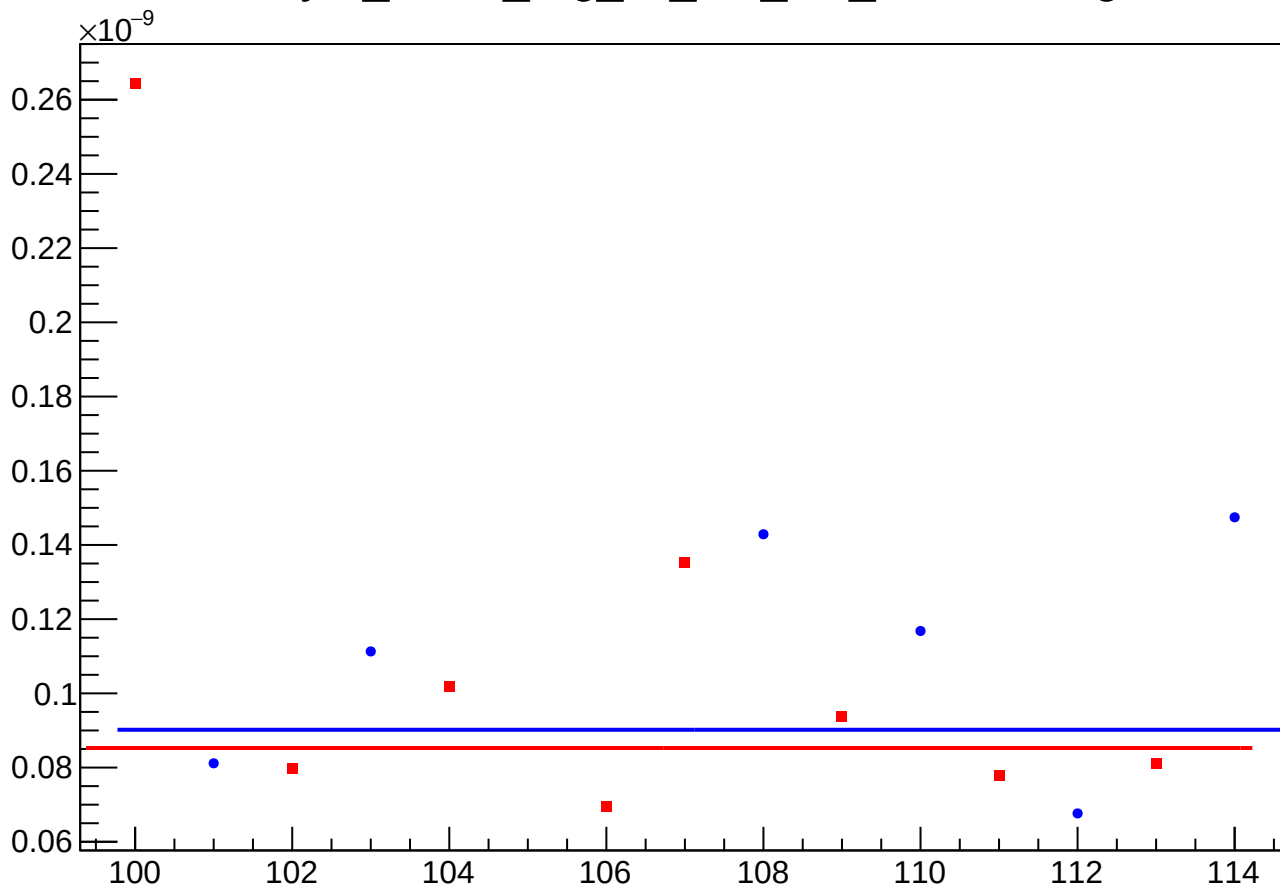
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 169773.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 116858.0/7

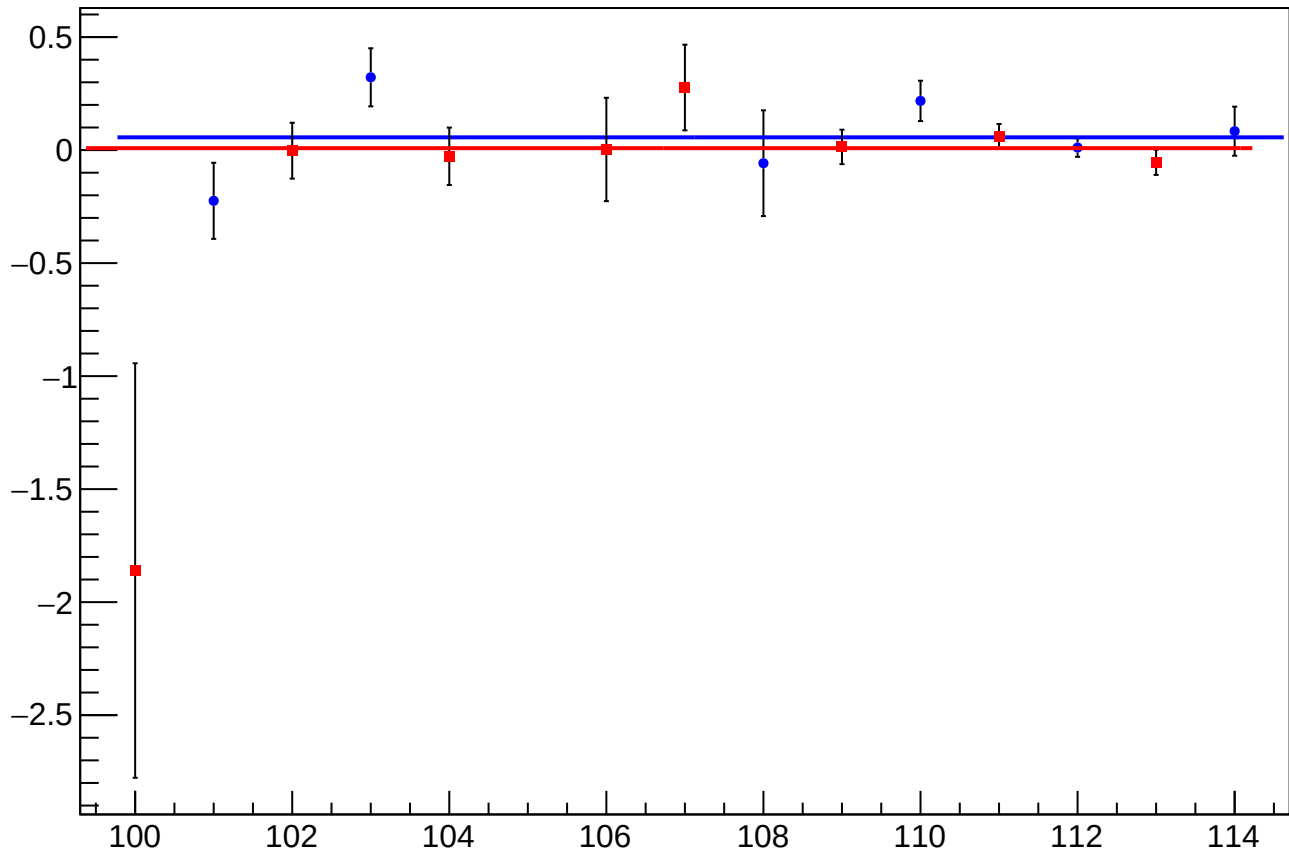
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 291162.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.033 χ^2 /NDF: 11.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.032 χ^2 /NDF: 8.4/7

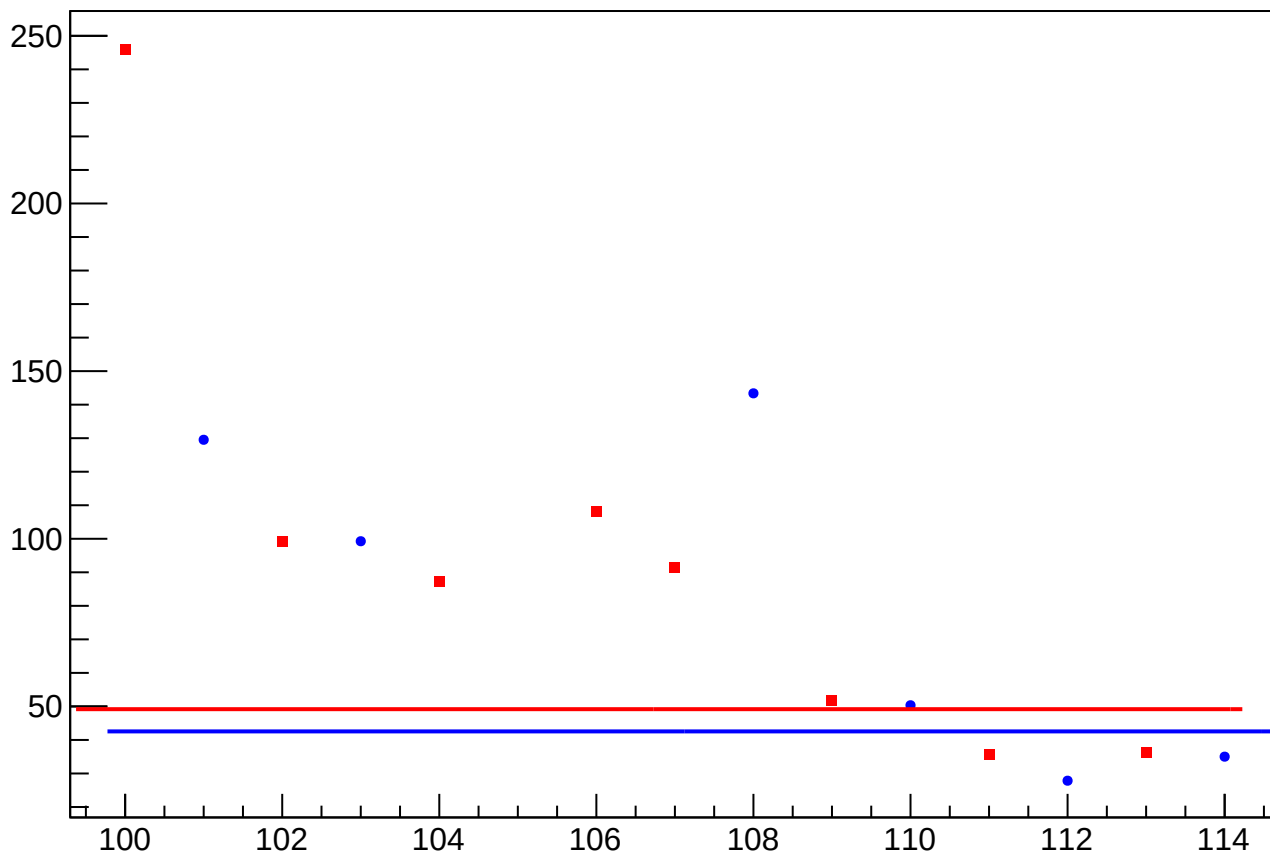
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.023 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 42.551+/-0.023 χ^2/NDF : 1574766.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.181+/-0.022 χ^2/NDF : 1065535.2/7

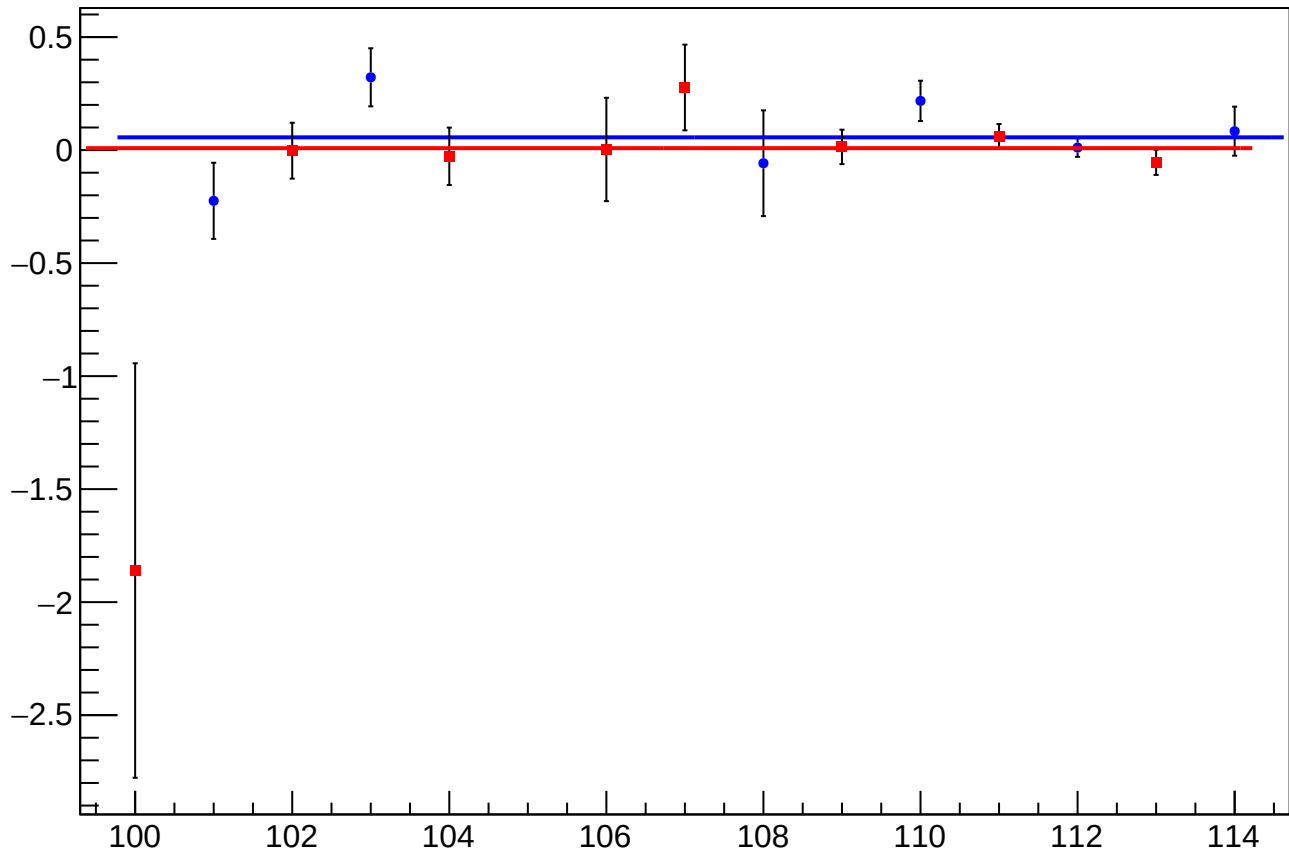
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.011+/-0.016 χ^2/NDF : 2682284.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.033 χ^2 /NDF: 11.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.032 χ^2 /NDF: 8.4/7

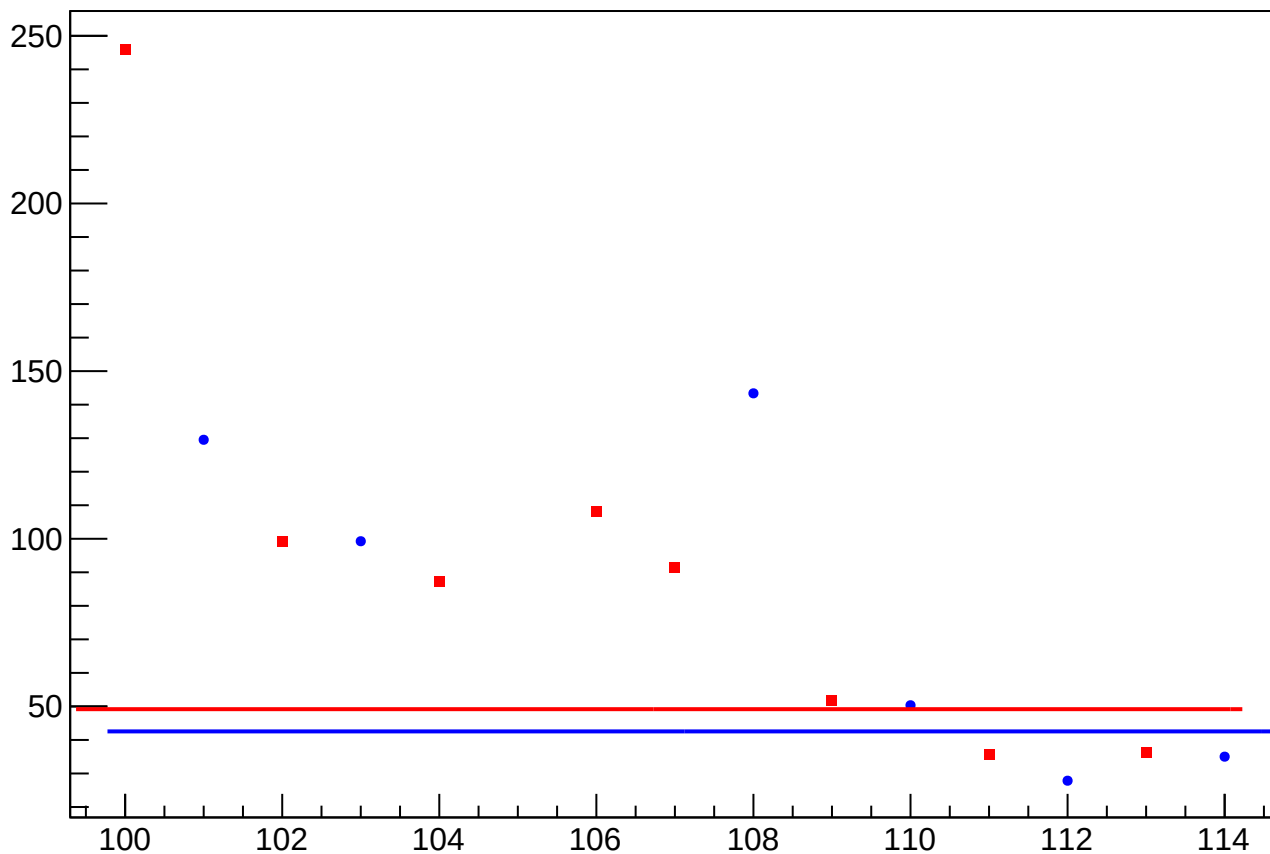
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.023 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.551+/-0.023 χ^2/NDF : 1574766.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.181+/-0.022 χ^2/NDF : 1065535.2/7

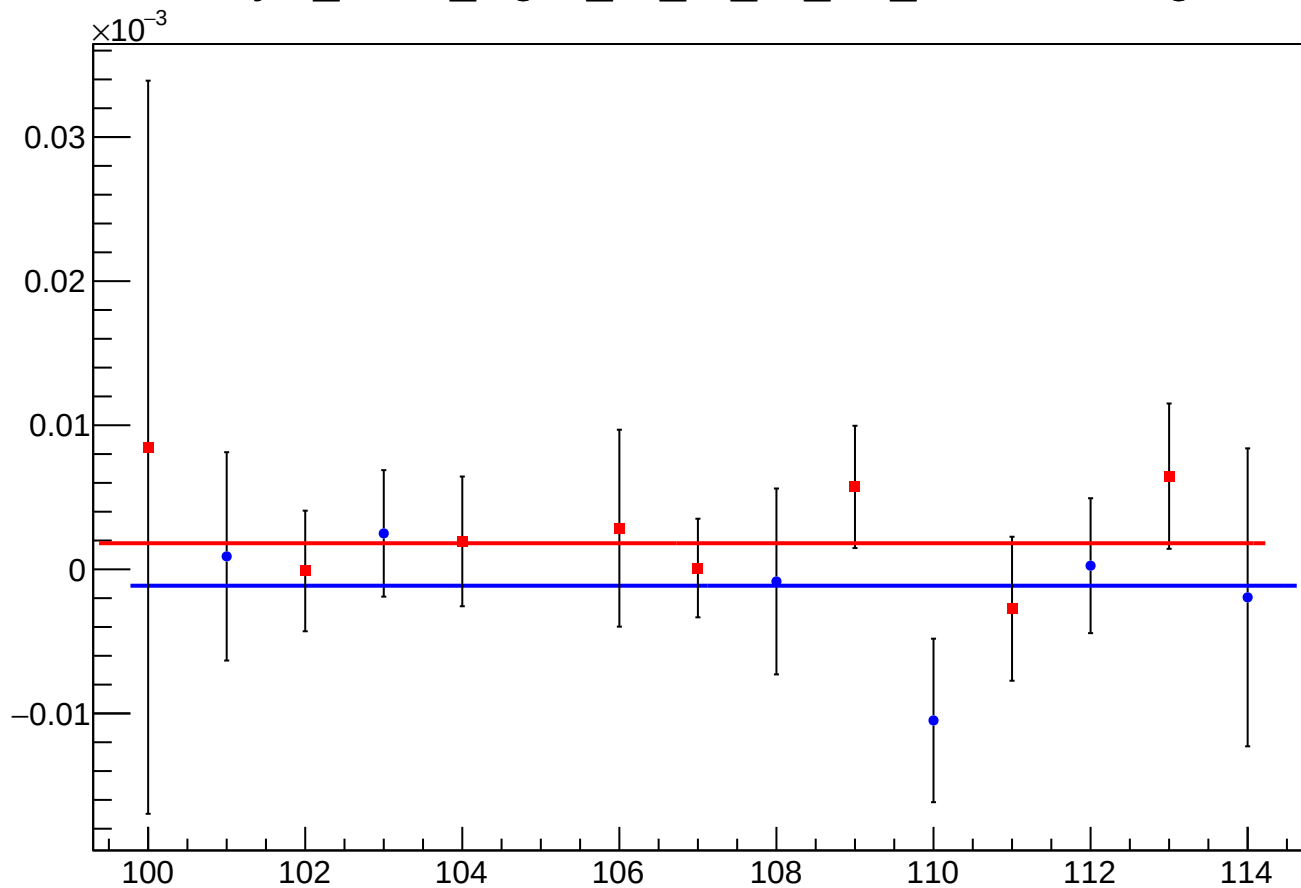
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.011+/-0.016 χ^2/NDF : 2682284.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/7

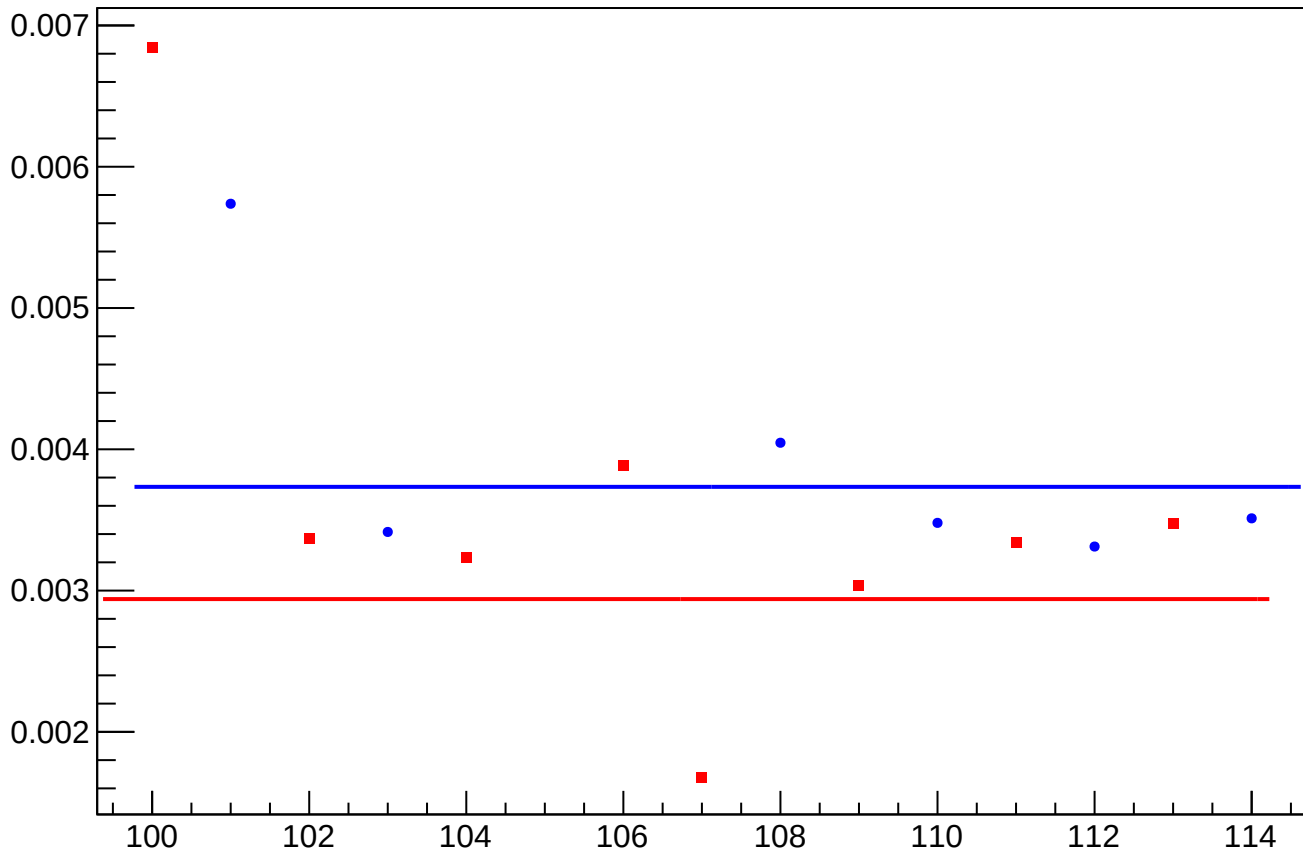
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 190151.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 423636.9/7

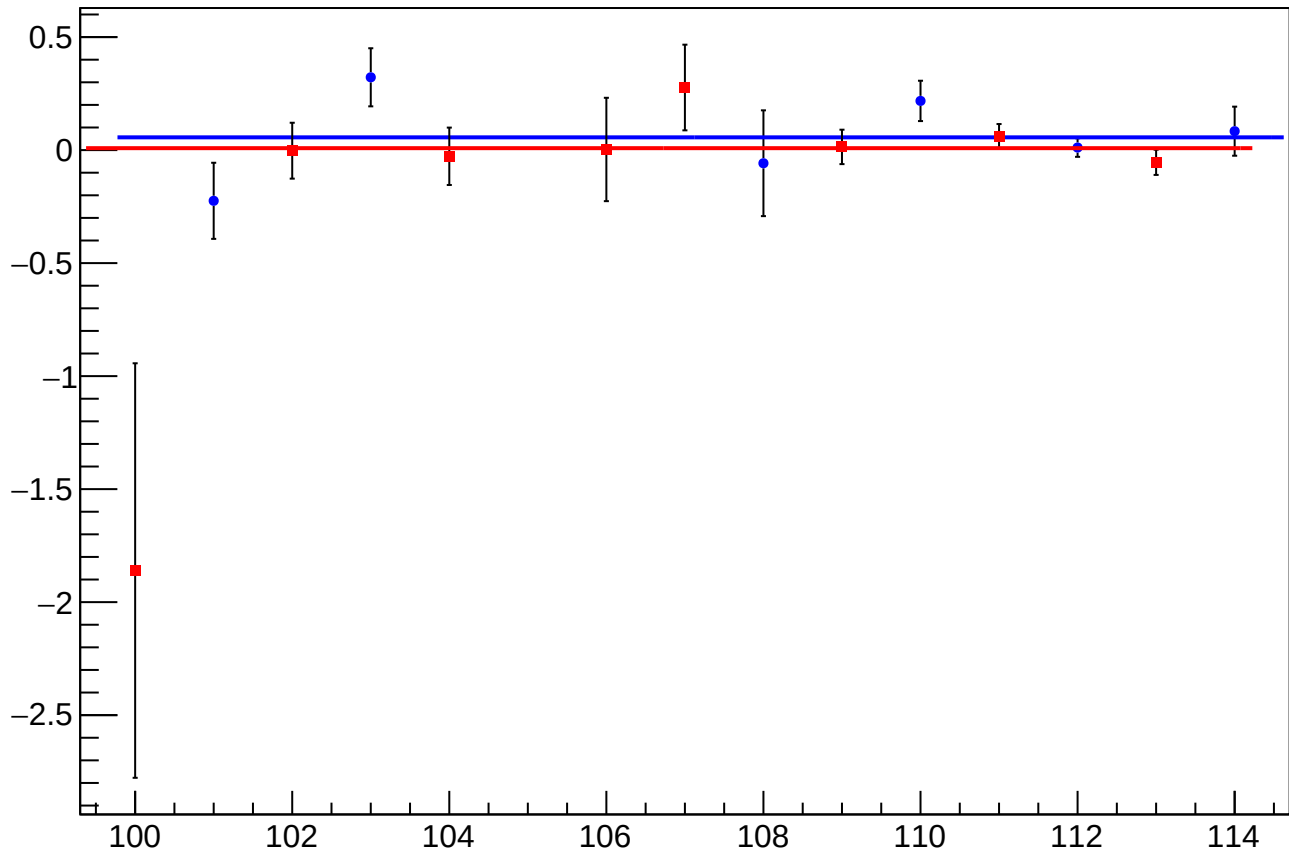
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 764385.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.033 χ^2 /NDF: 11.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.032 χ^2 /NDF: 8.4/7

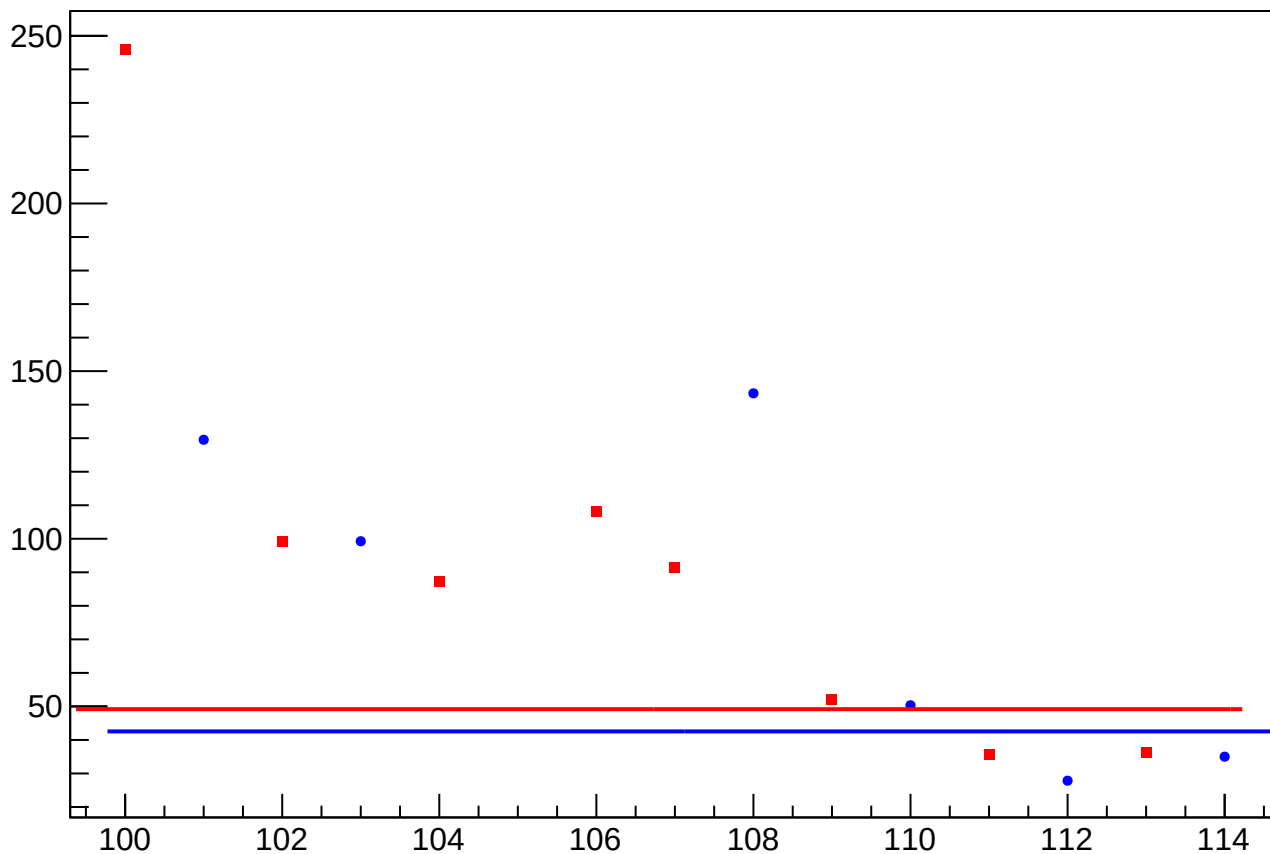
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.023 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.549 $\pm$ 0.023 χ^2 /NDF: 1574842.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.179 $\pm$ 0.022 χ^2 /NDF: 1065630.1/7

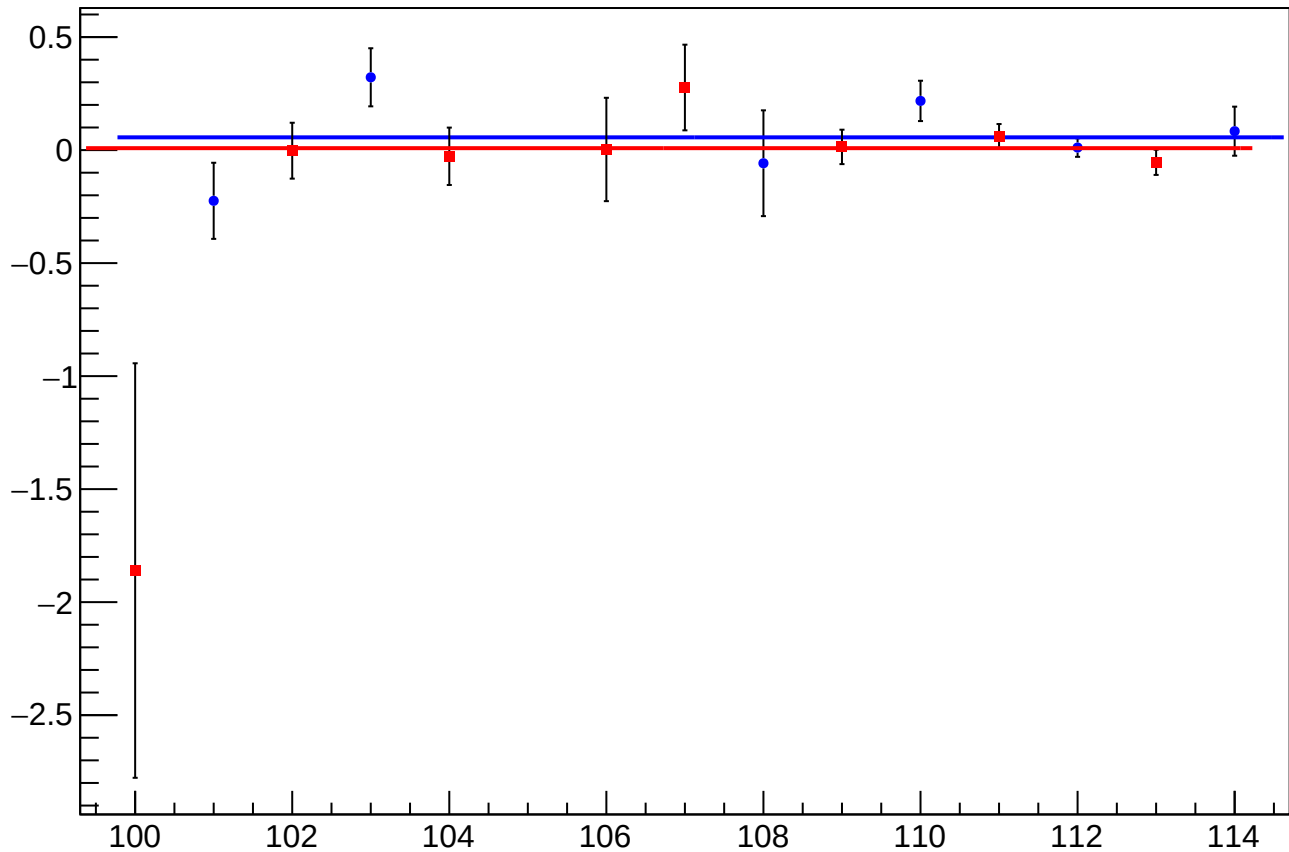
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.009 $\pm$ 0.016 χ^2 /NDF: 2682460.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.033 χ^2 /NDF: 11.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.032 χ^2 /NDF: 8.4/7

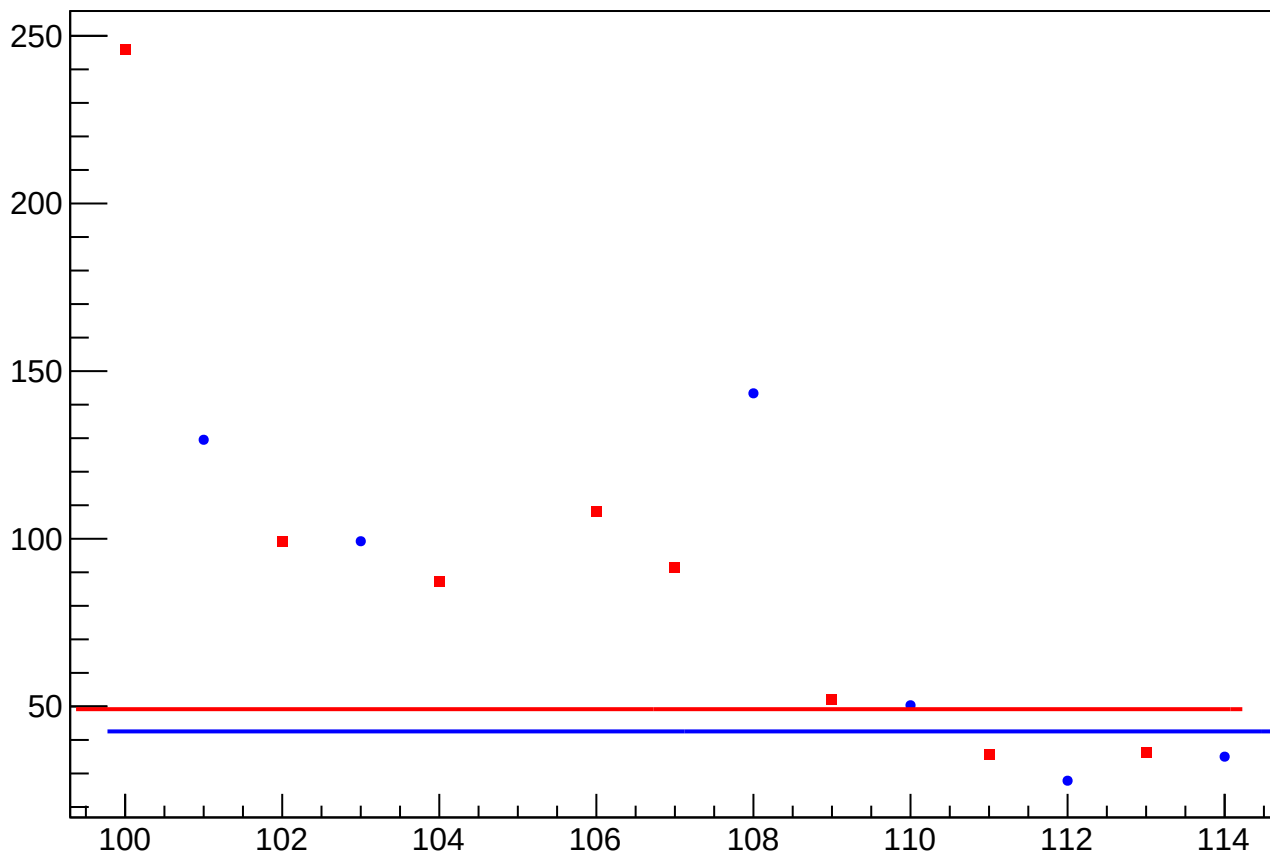
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.023 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.549+/-0.023 χ^2/NDF : 1574842.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.179+/-0.022 χ^2/NDF : 1065630.1/7

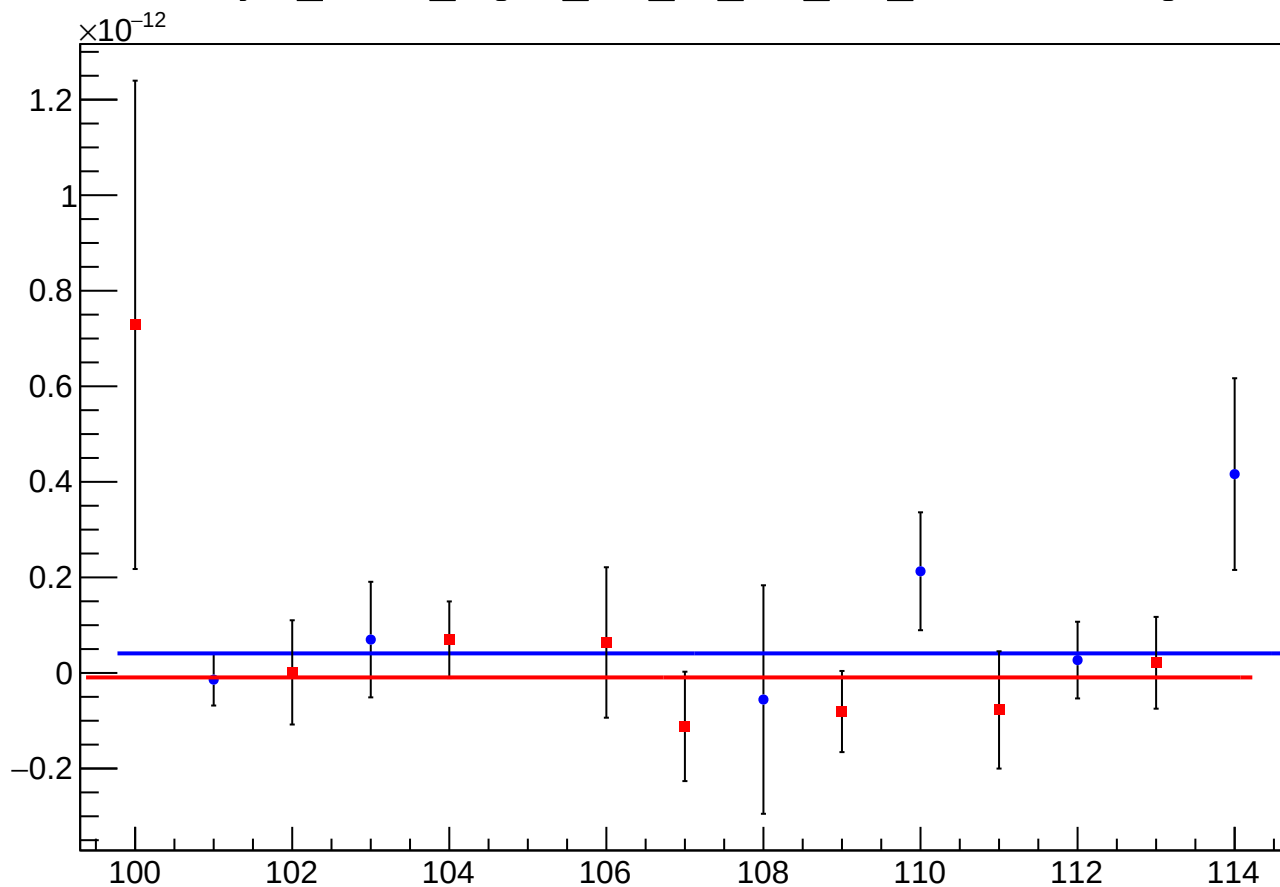
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.009+/-0.016 χ^2/NDF : 2682460.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 5.2/7

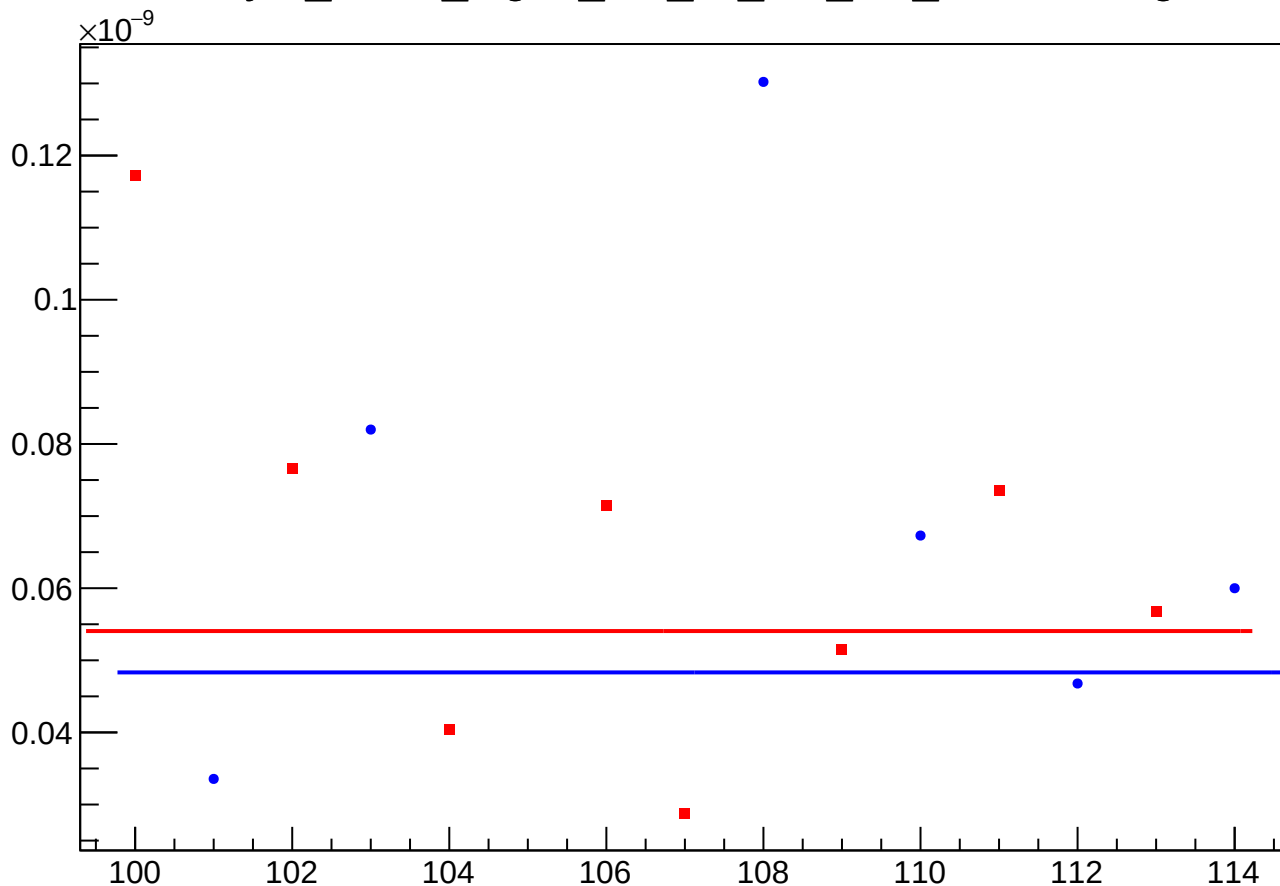
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 12.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 592981.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 349583.5/7

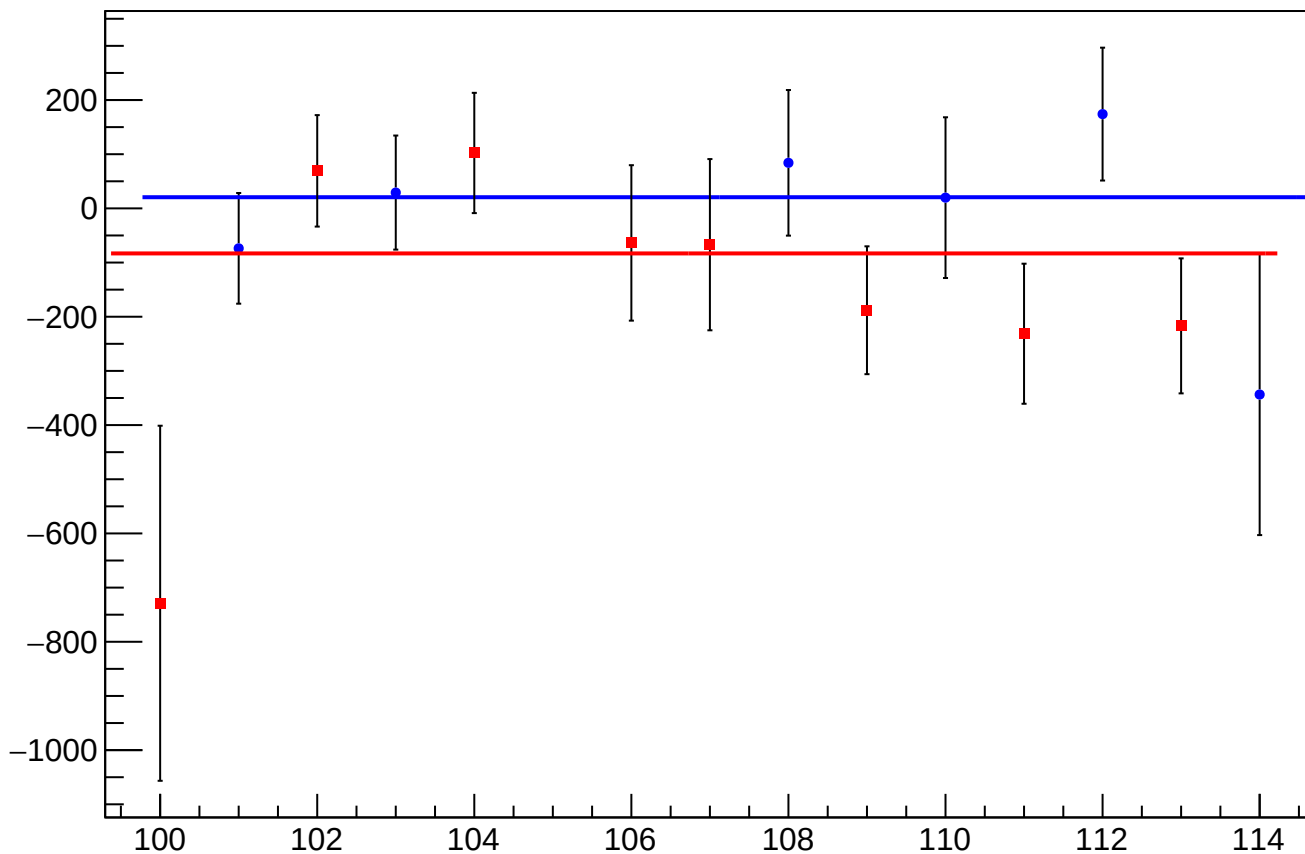
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 964697.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: 20.604 $\pm$ 52.113 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.143 $\pm$ 46.144 χ^2 /NDF: 12.2/7

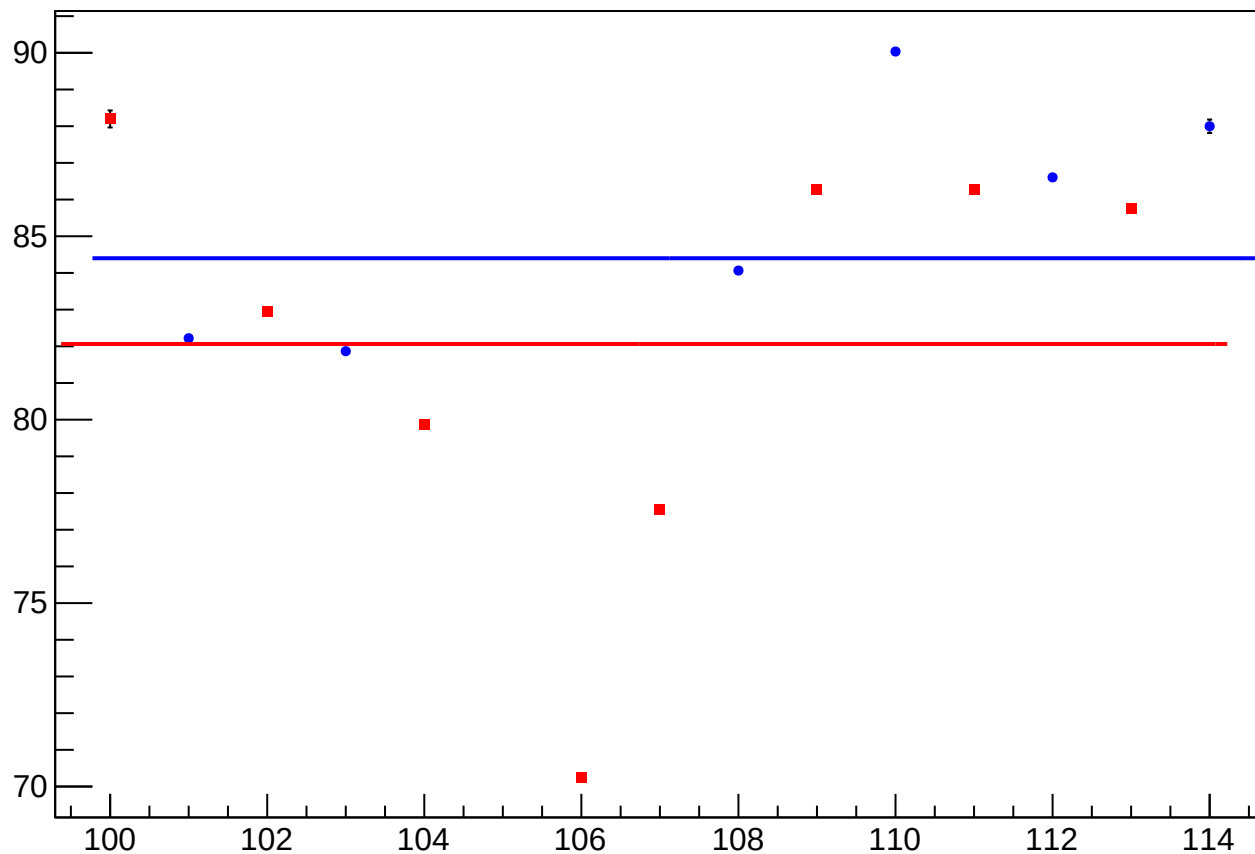
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.548 $\pm$ 34.547 χ^2 /NDF: 19.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 84.400 $\pm$ 0.037 χ^2 /NDF: 5998.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.063 $\pm$ 0.033 χ^2 /NDF: 23218.4/7

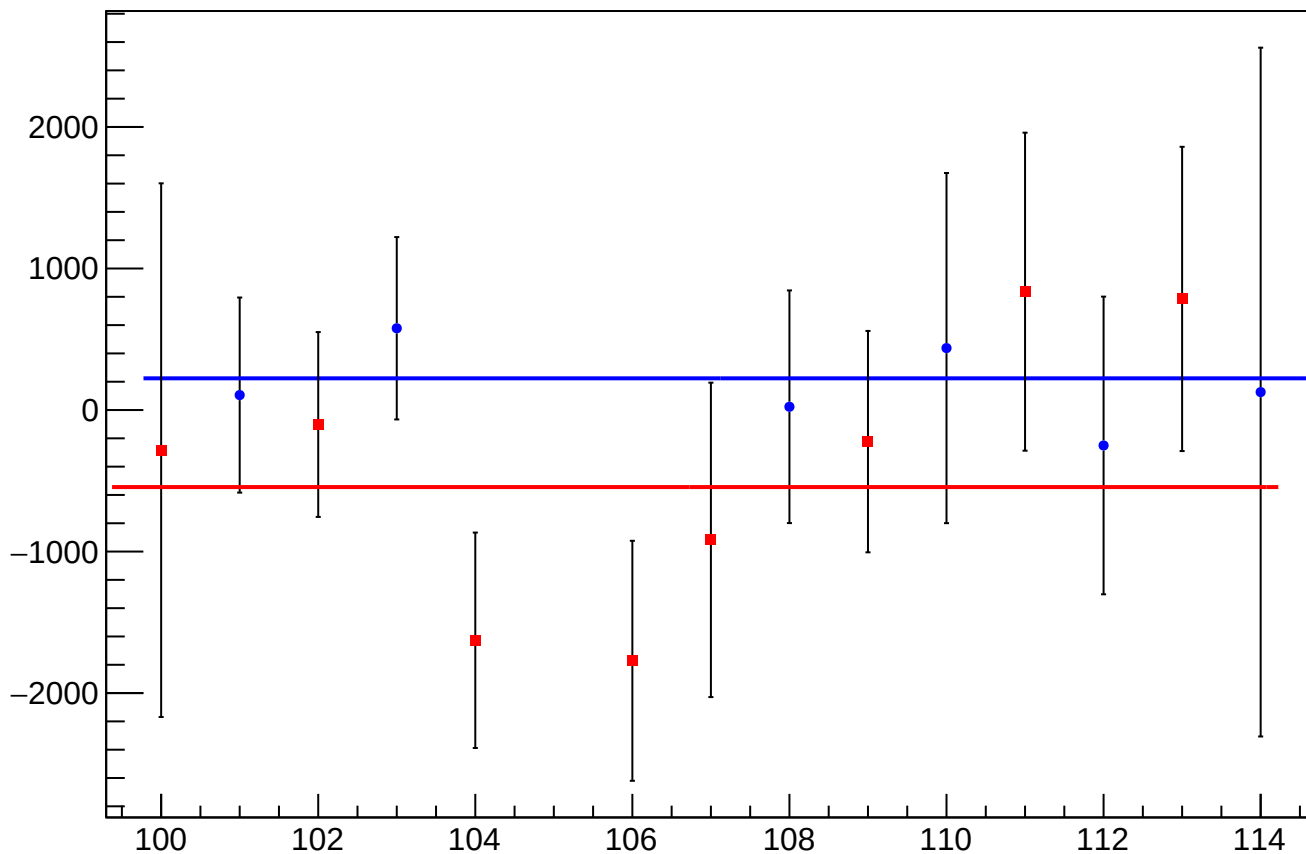
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.091 $\pm$ 0.024 χ^2 /NDF: 31471.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 223.997 $\pm$ 359.899 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -544.338 $\pm$ 318.693 χ^2 /NDF: 7.9/7

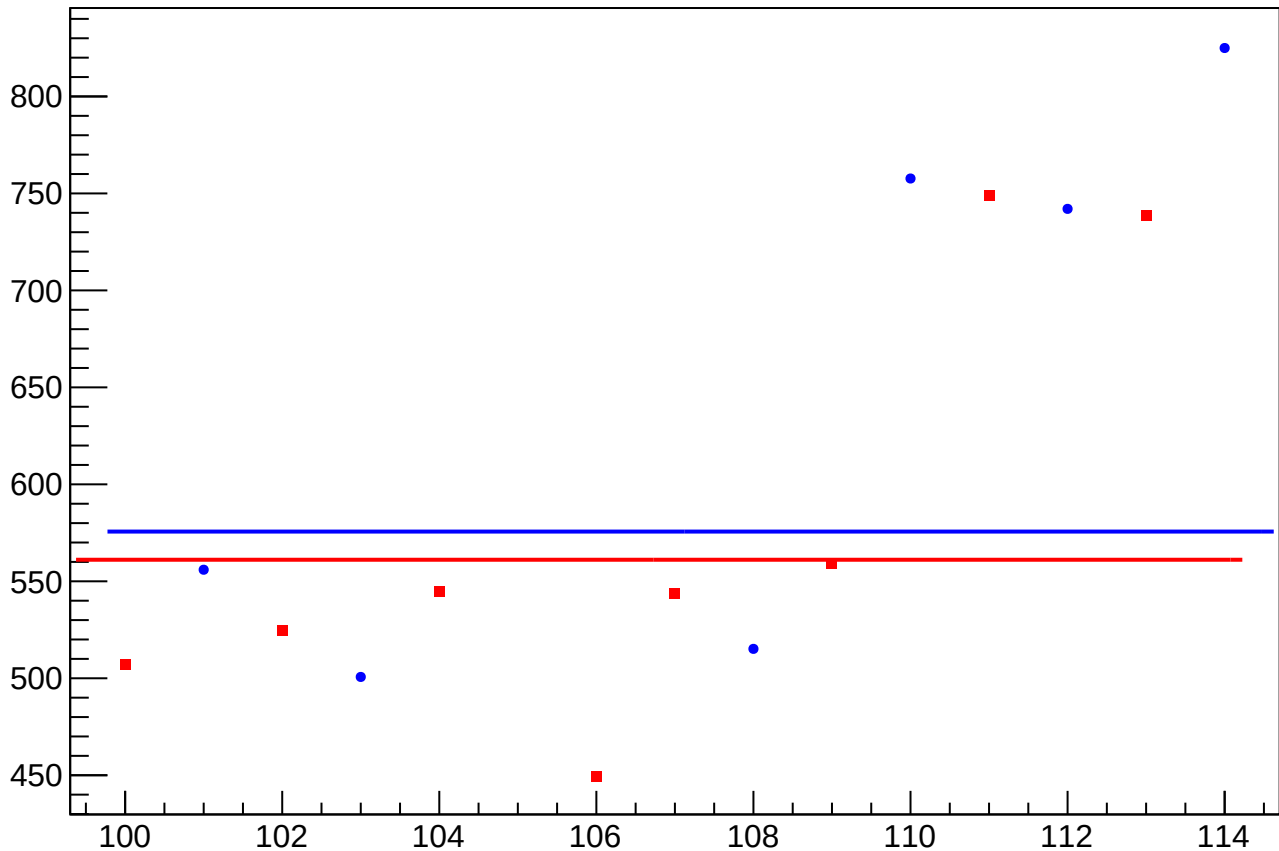
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -206.654 $\pm$ 238.594 χ^2 /NDF: 11.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 575.647 $\pm$ 0.254 χ^2 /NDF: 153889.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 561.117 $\pm$ 0.225 χ^2 /NDF: 154358.7/7

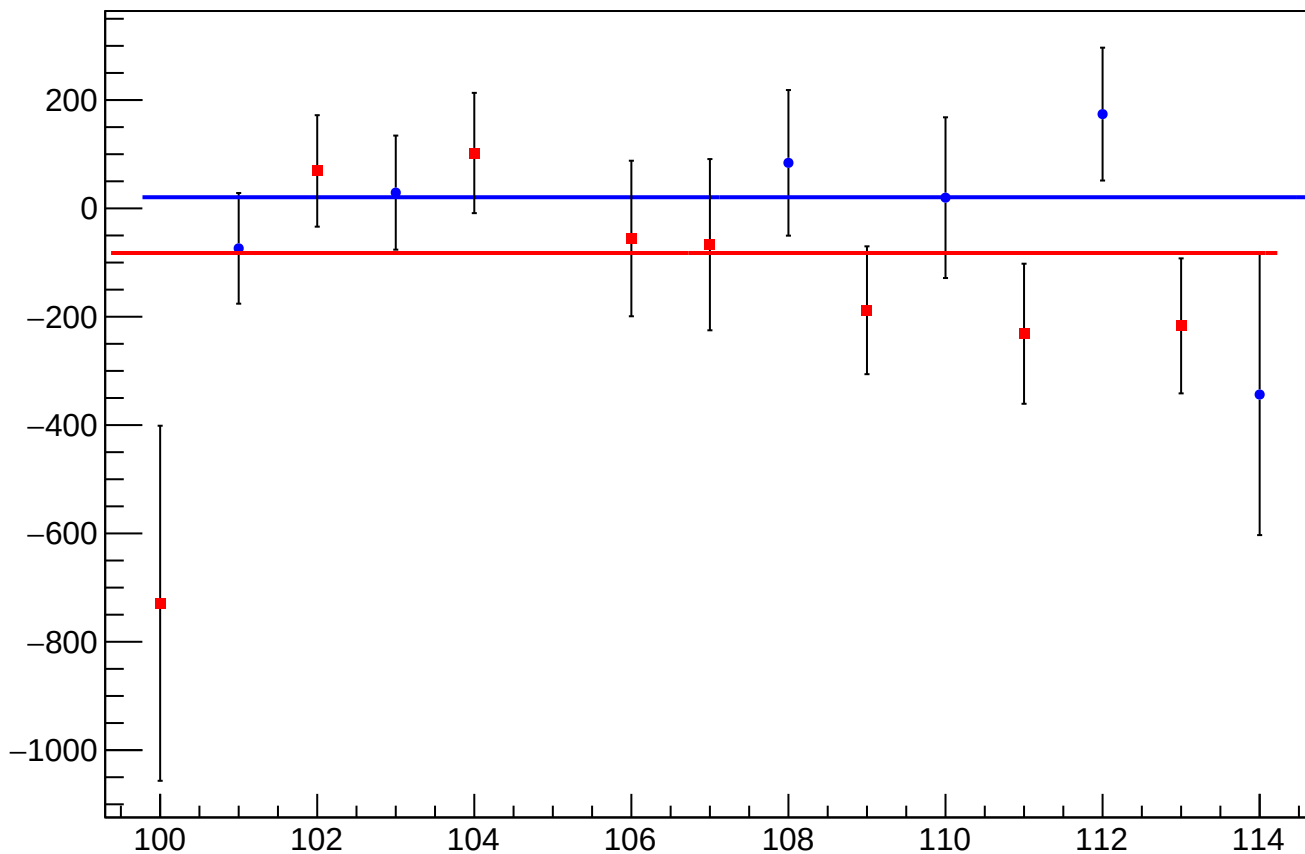
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 567.503 $\pm$ 0.169 χ^2 /NDF: 310075.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam5_mean vs Slug



Right In: 20.584 $\pm$ 52.113 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -82.350 $\pm$ 46.149 χ^2 /NDF: 12.2/7

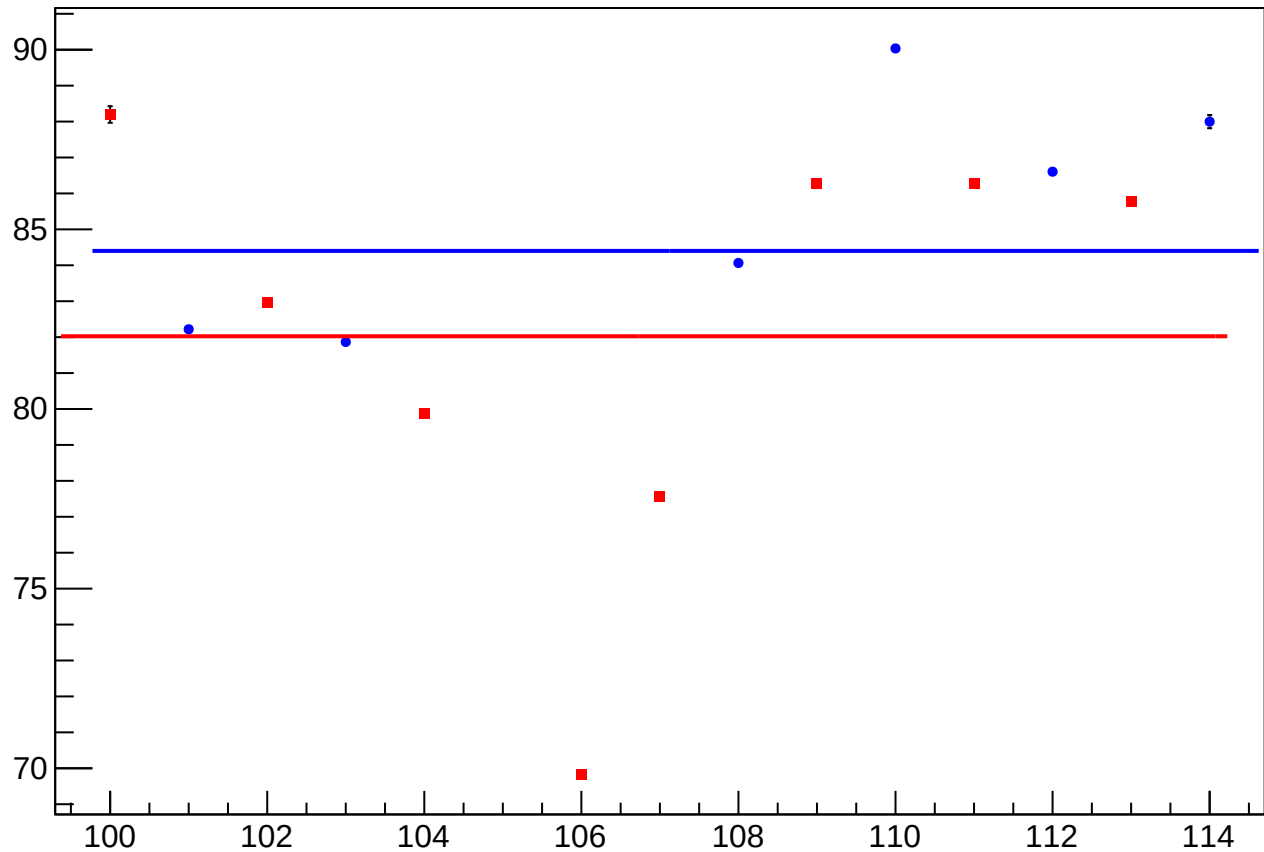
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.108 $\pm$ 34.549 χ^2 /NDF: 19.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam5_rms vs Slug



Right In: 84.400 $\pm$ 0.037 χ^2 /NDF: 5998.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.024 $\pm$ 0.033 χ^2 /NDF: 24185.4/7

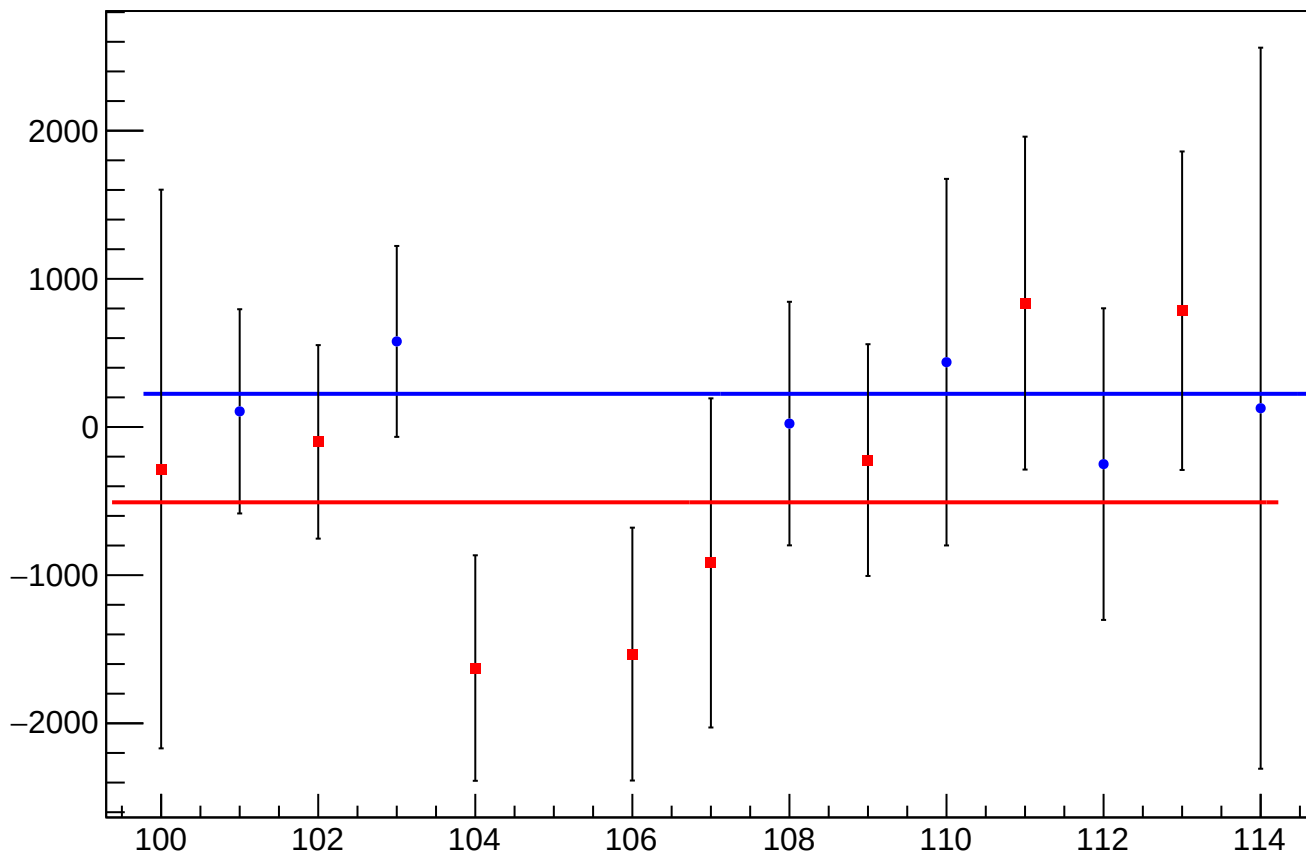
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.069 $\pm$ 0.024 χ^2 /NDF: 32514.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 223.995 $\pm$ 359.898 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -508.280 $\pm$ 318.987 χ^2 /NDF: 7.2/7

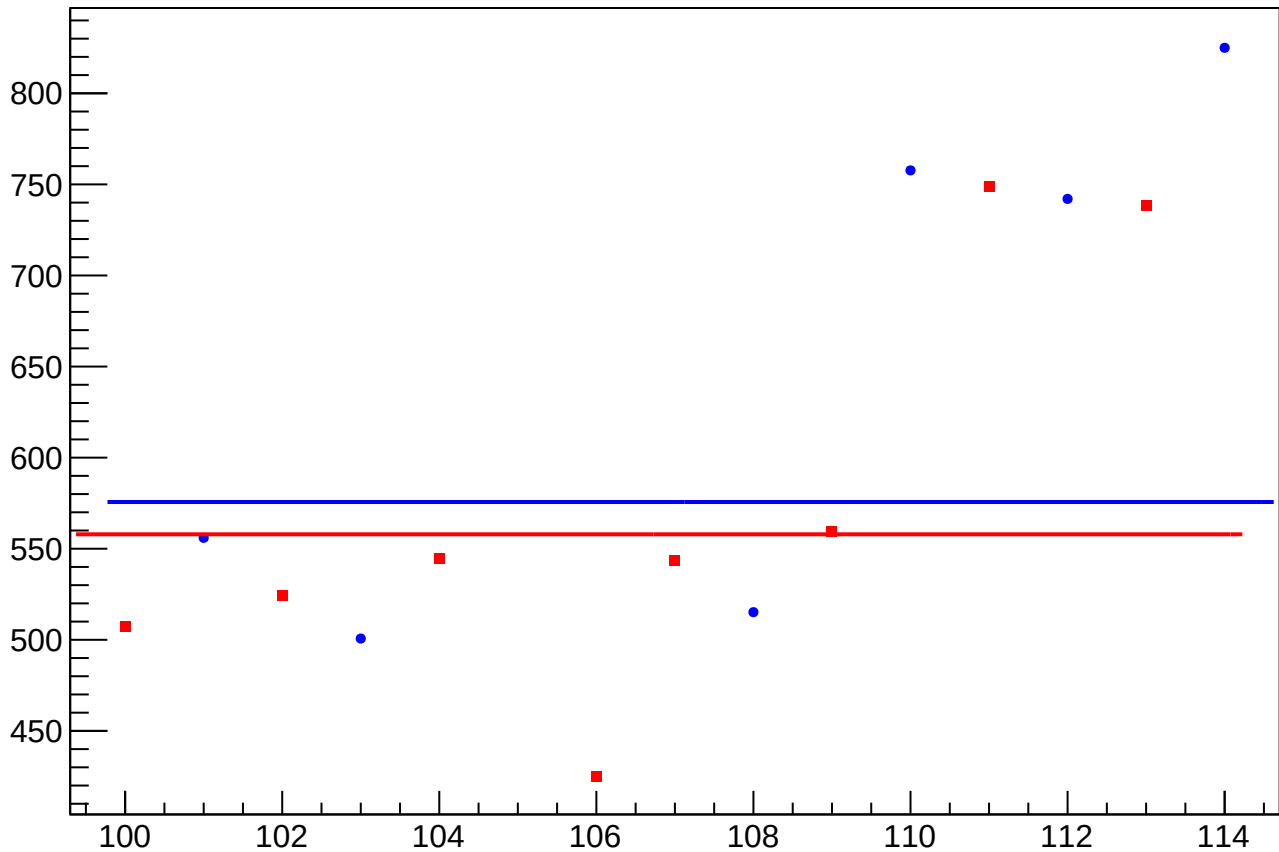
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -186.112 $\pm$ 238.717 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 575.646 $\pm$ 0.254 χ^2 /NDF: 153891.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 557.916 $\pm$ 0.226 χ^2 /NDF: 170341.6/7

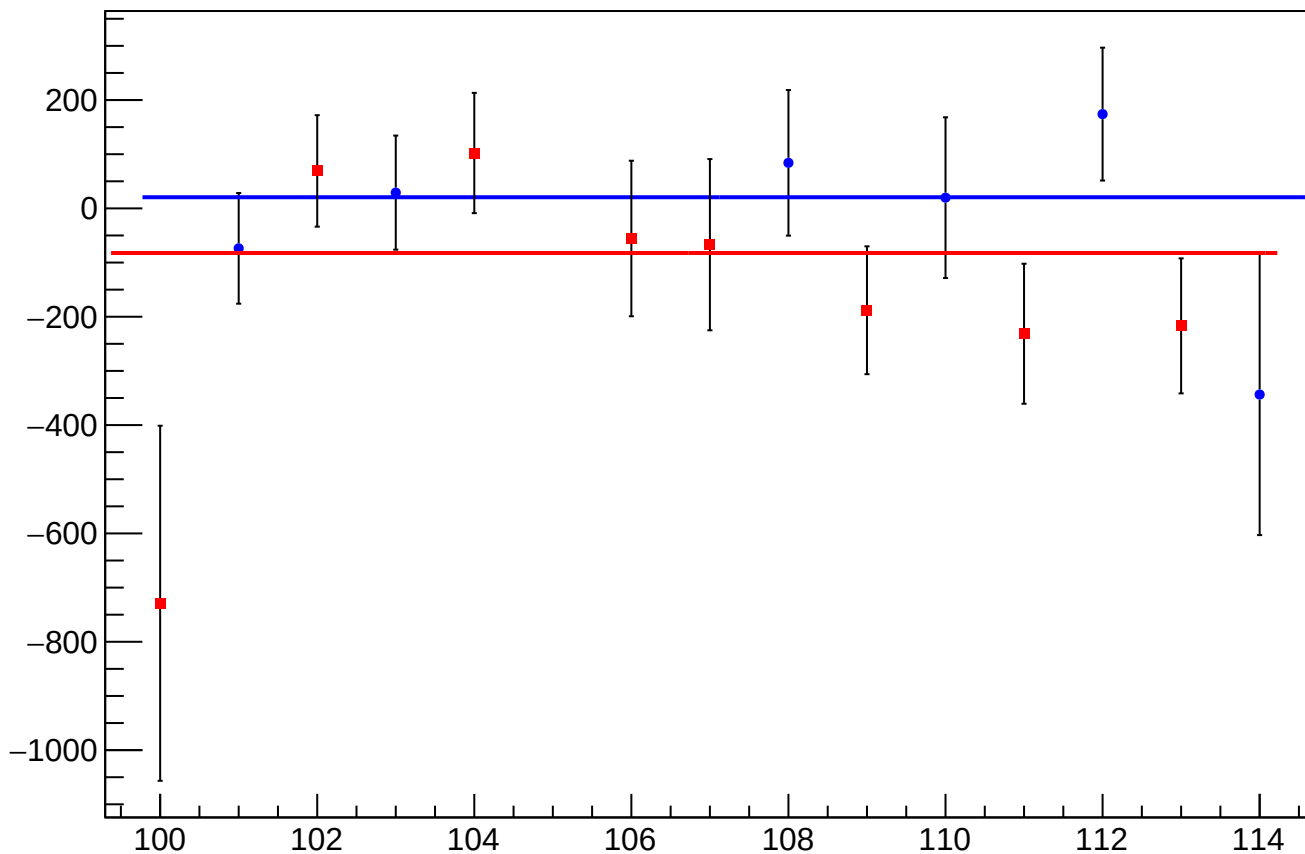
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 565.716 $\pm$ 0.169 χ^2 /NDF: 326951.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam5_mean vs Slug



Right In: 20.584 $\pm$ 52.113 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -82.350 $\pm$ 46.149 χ^2 /NDF: 12.2/7

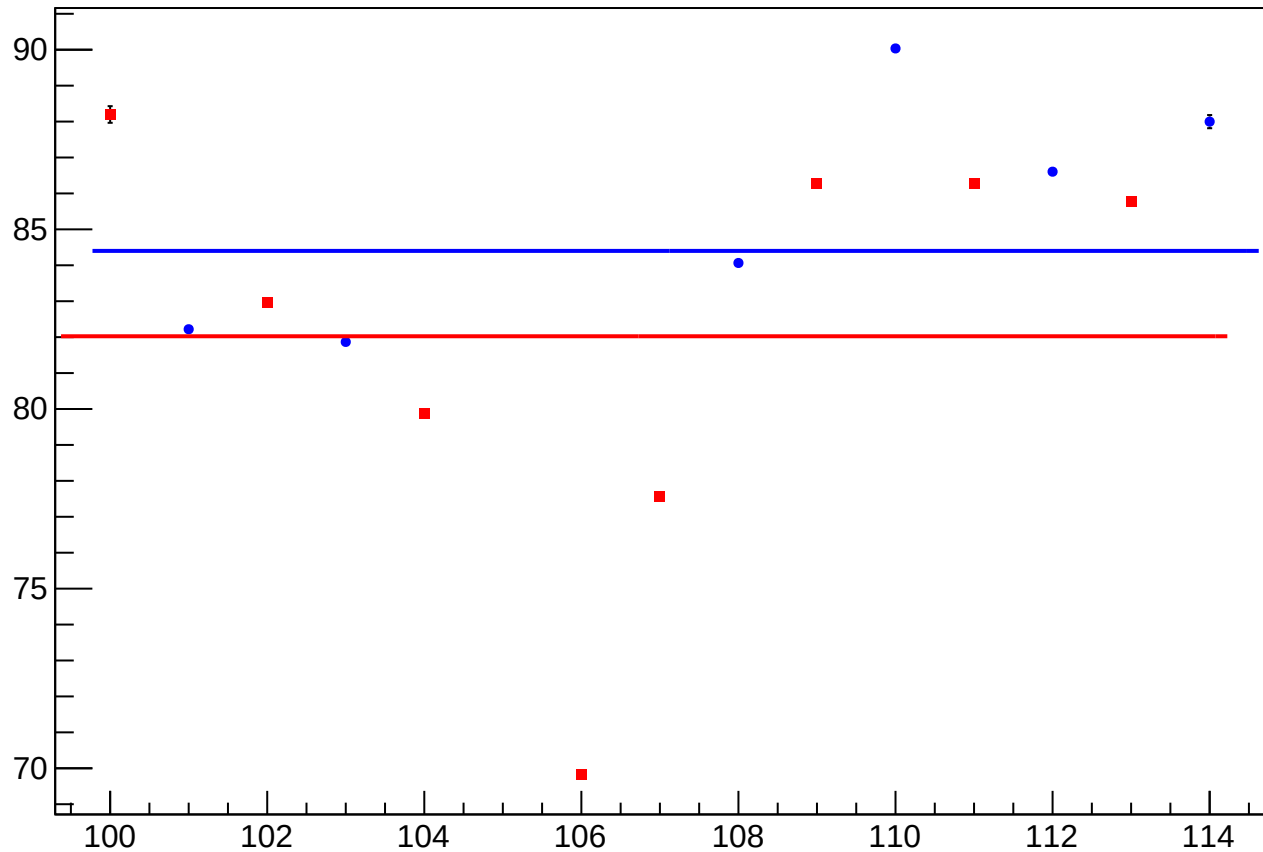
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.108 $\pm$ 34.549 χ^2 /NDF: 19.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam5_rms vs Slug



Right In: 84.400 $\pm$ 0.037 χ^2 /NDF: 5998.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.024 $\pm$ 0.033 χ^2 /NDF: 24185.4/7

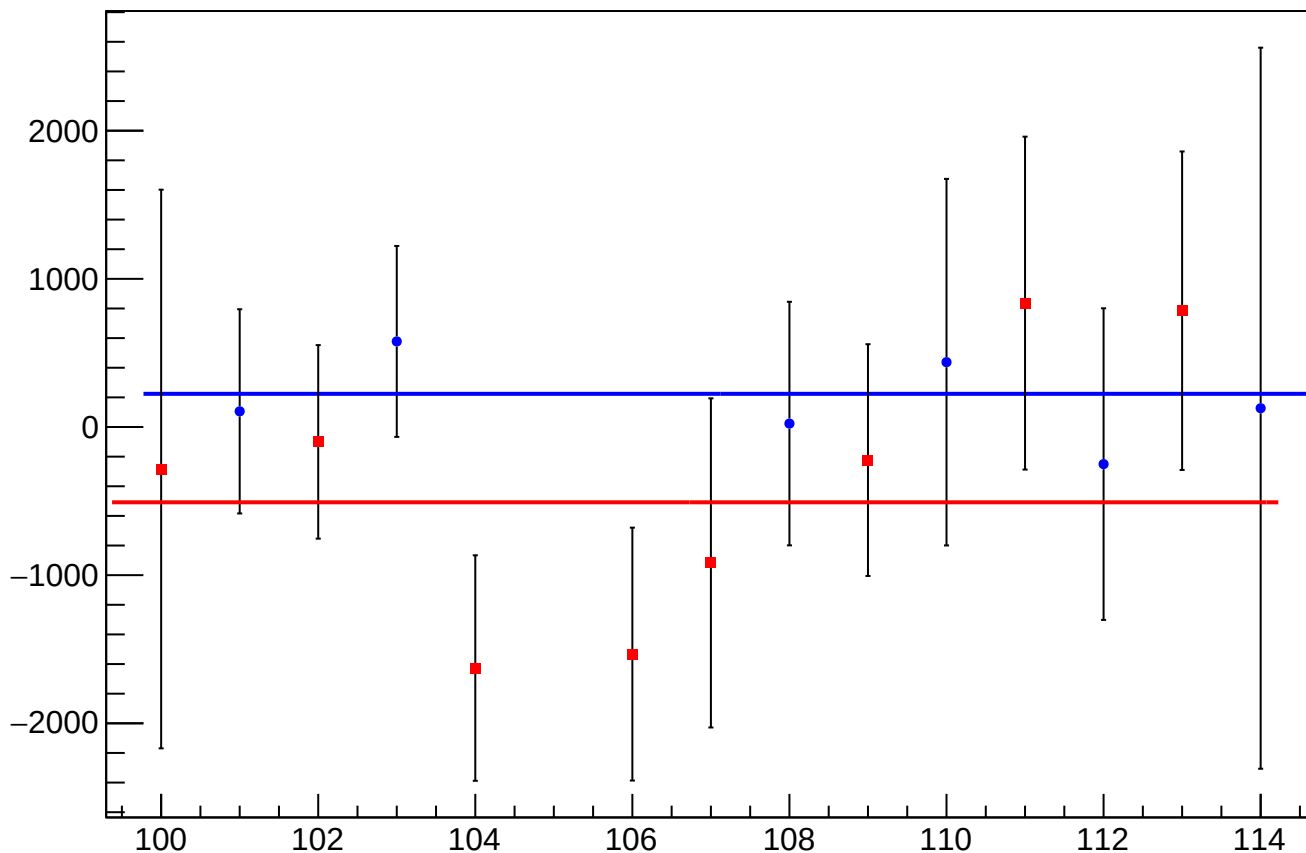
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.069 $\pm$ 0.024 χ^2 /NDF: 32514.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: 223.995 $\pm$ 359.898 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -508.280 $\pm$ 318.987 χ^2 /NDF: 7.2/7

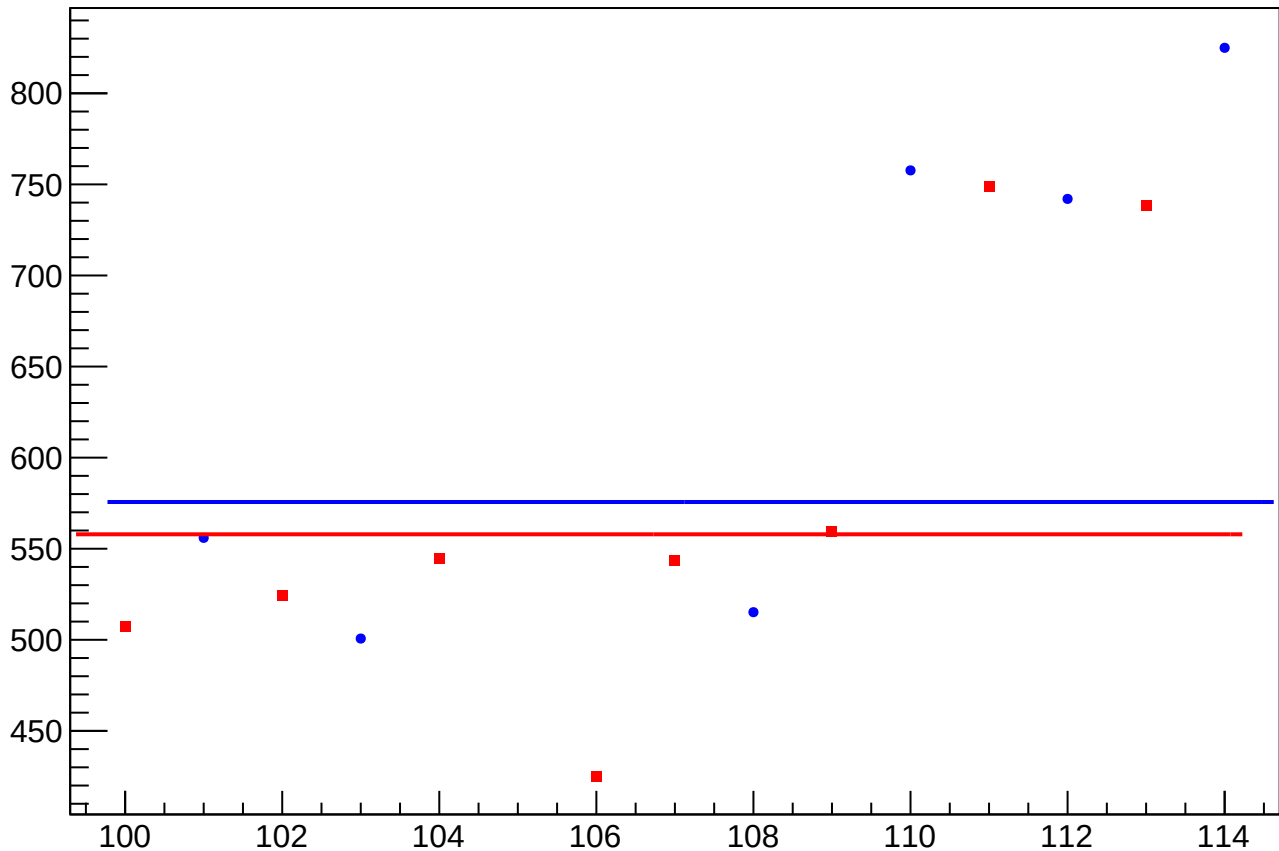
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -186.112 $\pm$ 238.717 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 575.646 $\pm$ 0.254 χ^2 /NDF: 153891.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 557.916 $\pm$ 0.226 χ^2 /NDF: 170341.6/7

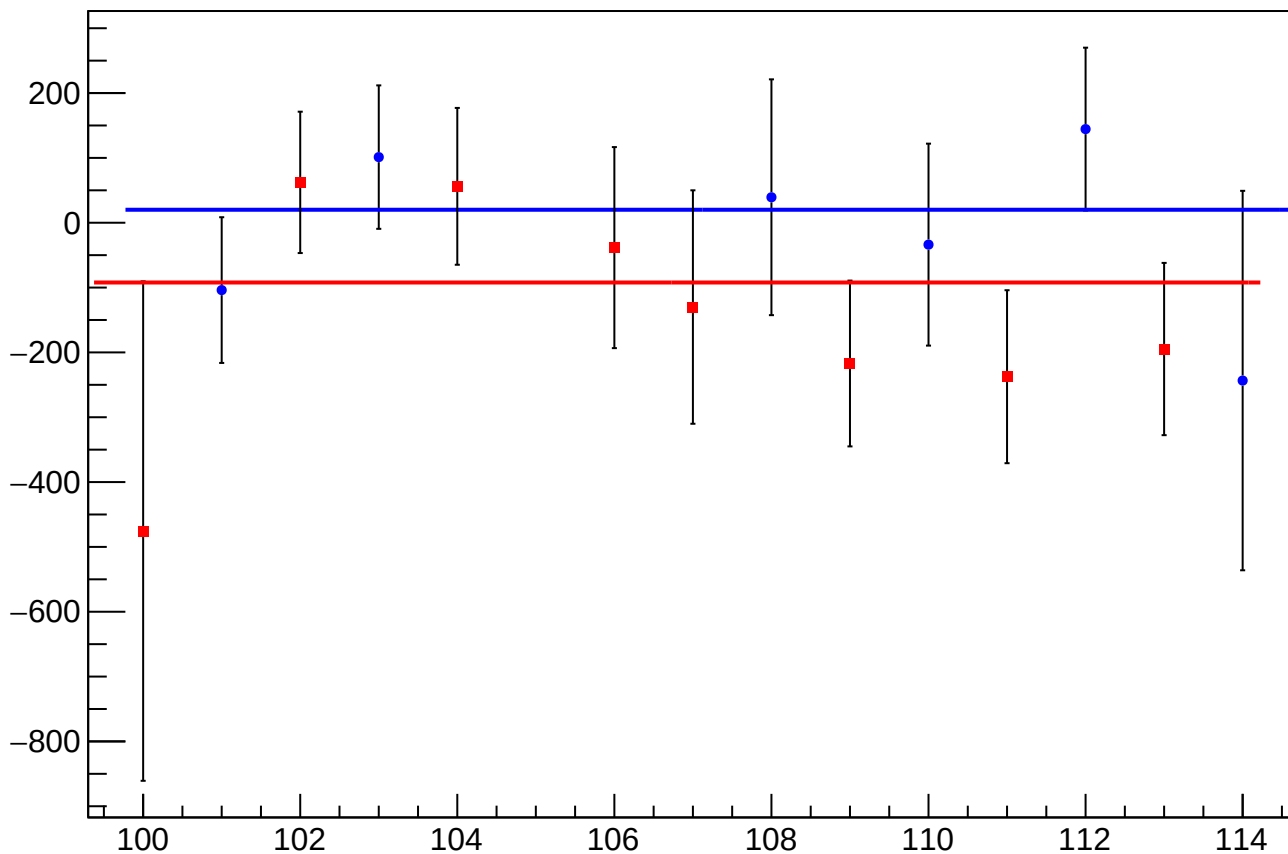
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 565.716 $\pm$ 0.169 χ^2 /NDF: 326951.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam5_mean vs Slug



Right In: 20.027+/-57.031 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.180+/-49.647 χ^2/NDF : 7.4/7

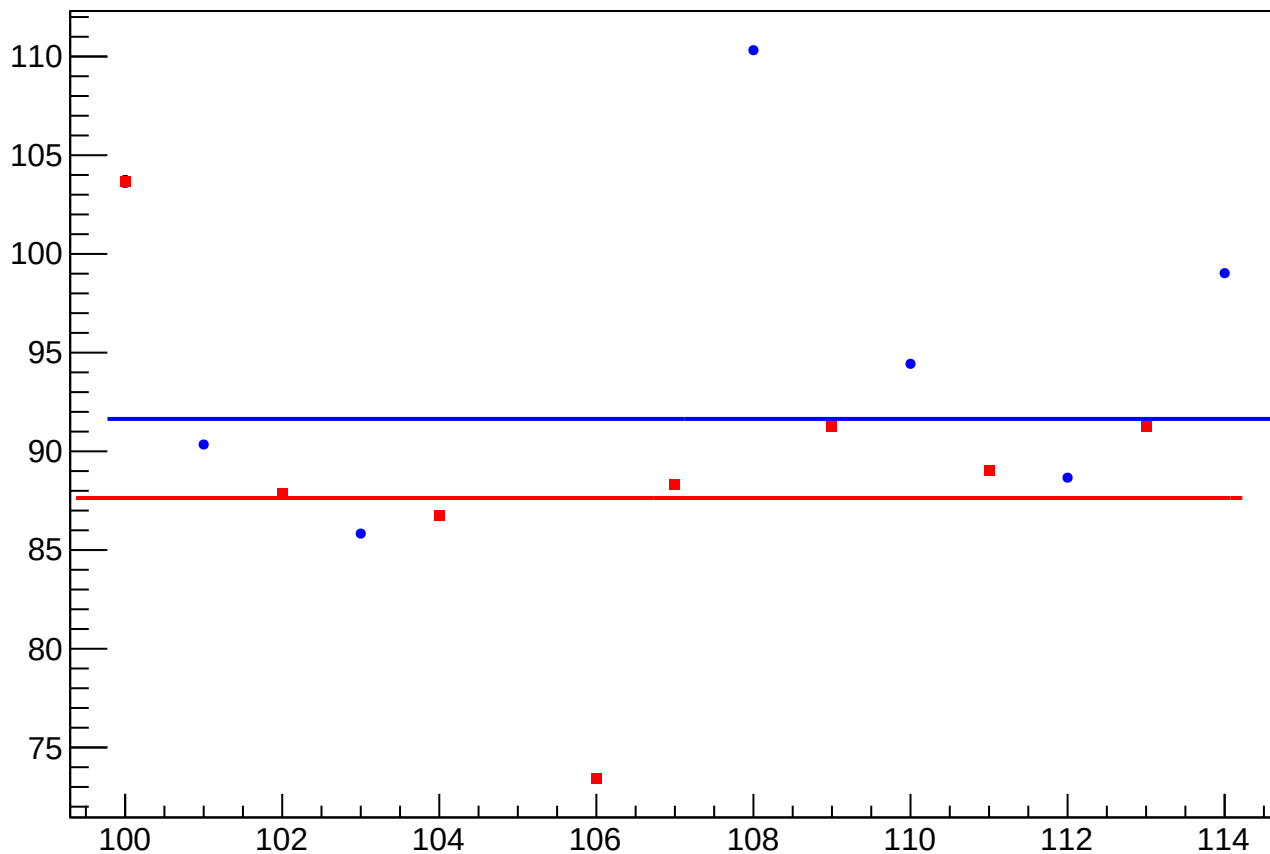
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.807+/-37.446 χ^2/NDF : 13.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 91.642 $\pm$ 0.040 χ^2 /NDF: 29914.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.637 $\pm$ 0.035 χ^2 /NDF: 23706.6/7

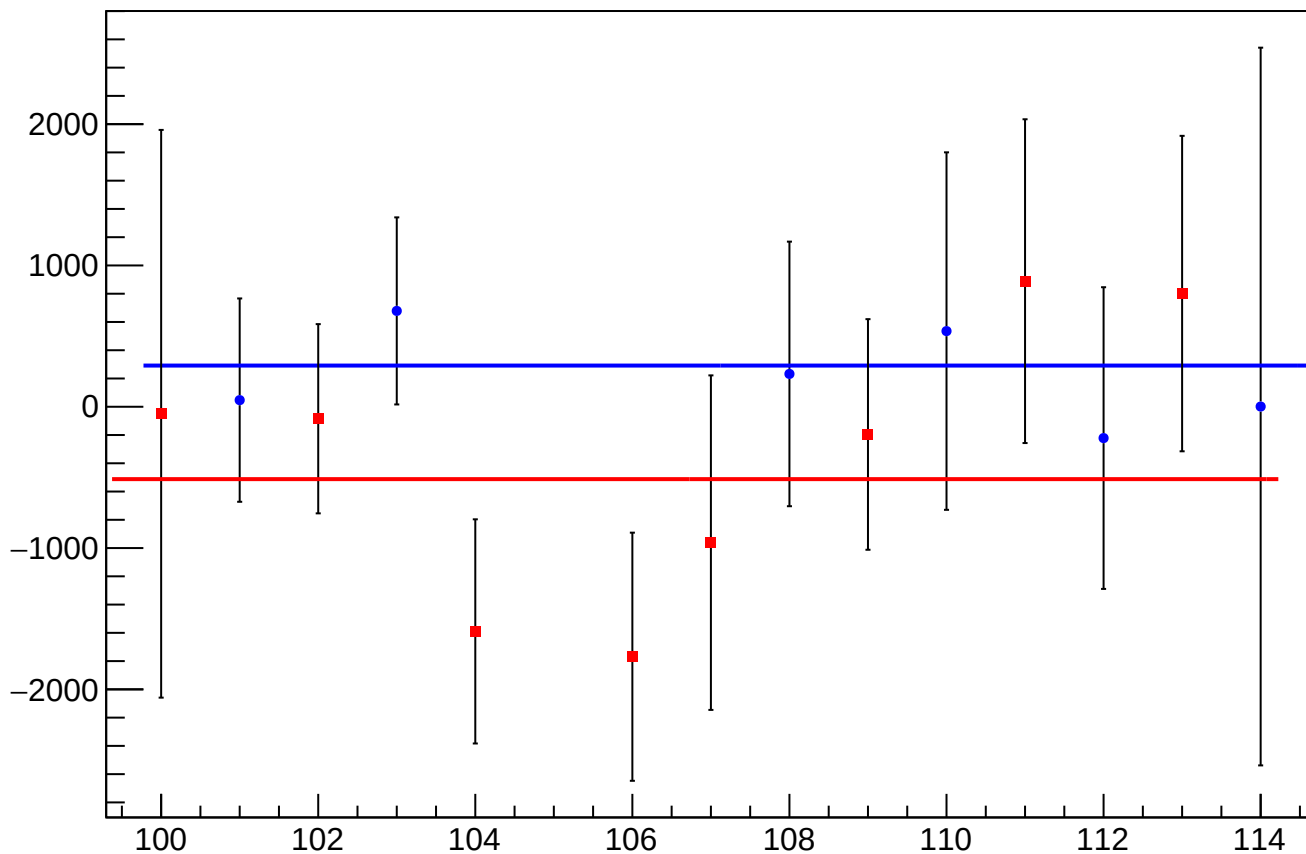
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.364 $\pm$ 0.026 χ^2 /NDF: 59231.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 291.519 $\pm$ 377.643 χ^2 /NDF: 0.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -512.169 $\pm$ 330.694 χ^2 /NDF: 7.5/7

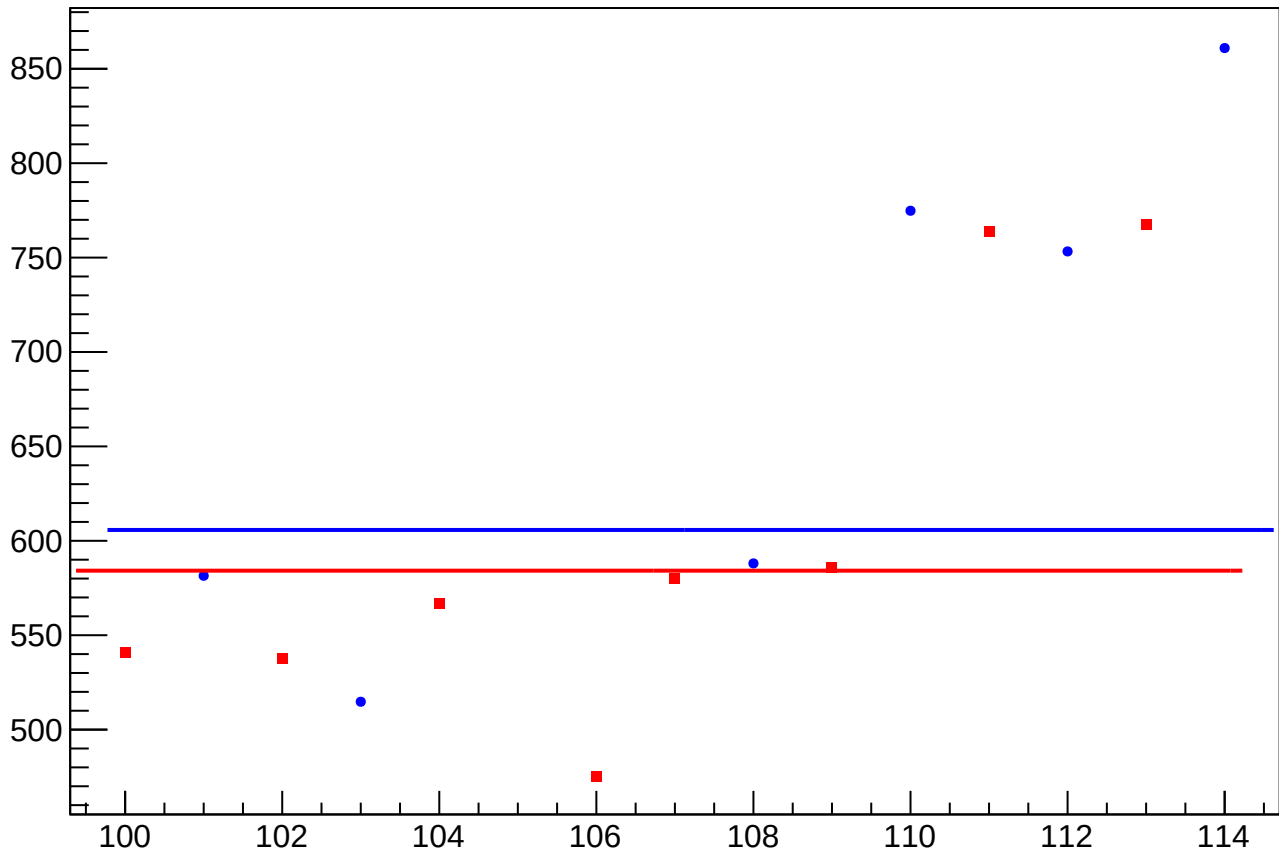
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -163.361 $\pm$ 248.789 χ^2 /NDF: 10.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 605.744 $\pm$ 0.267 χ^2 /NDF: 134888.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 584.185 $\pm$ 0.234 χ^2 /NDF: 145836.3/7

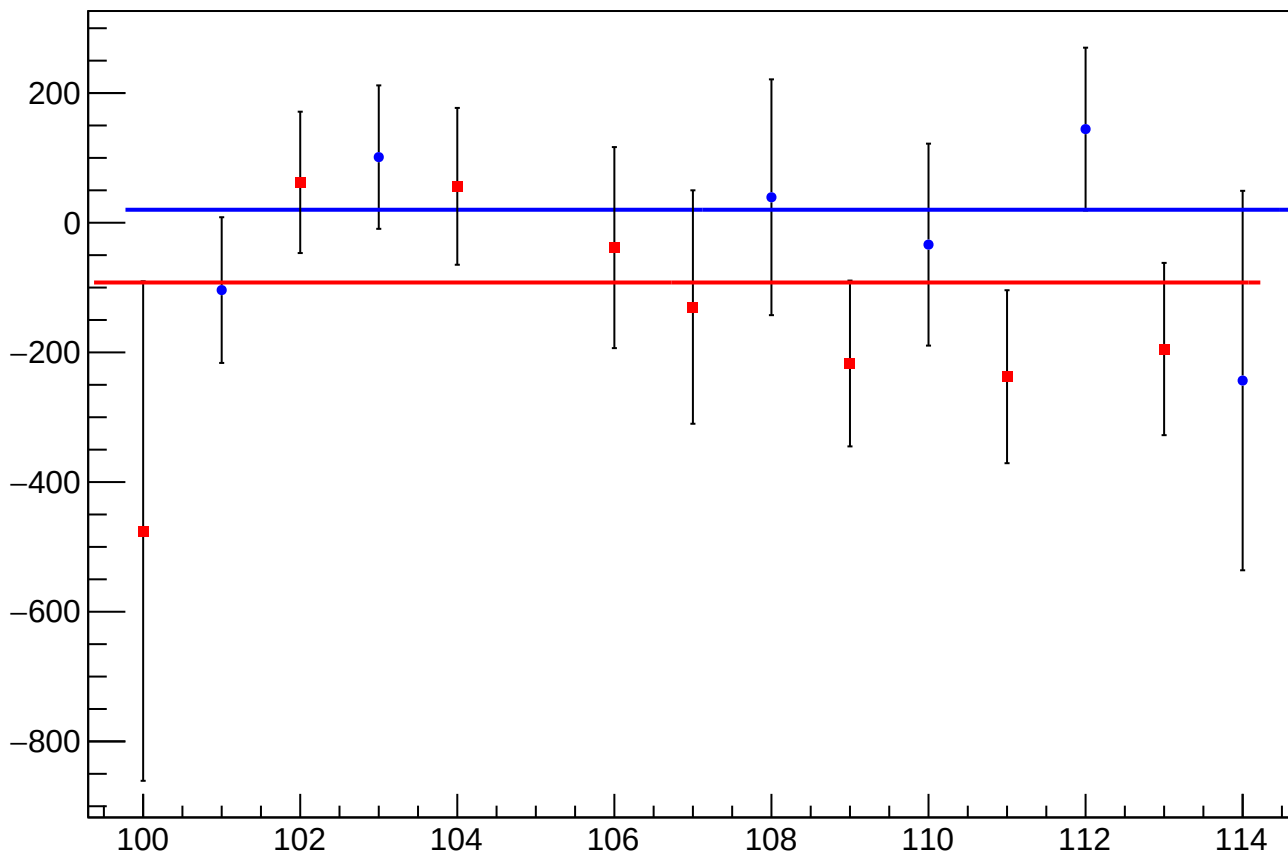
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 593.542 $\pm$ 0.176 χ^2 /NDF: 284413.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam5_mean vs Slug



Right In: 20.025+/-57.031 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.181+/-49.646 χ^2/NDF : 7.4/7

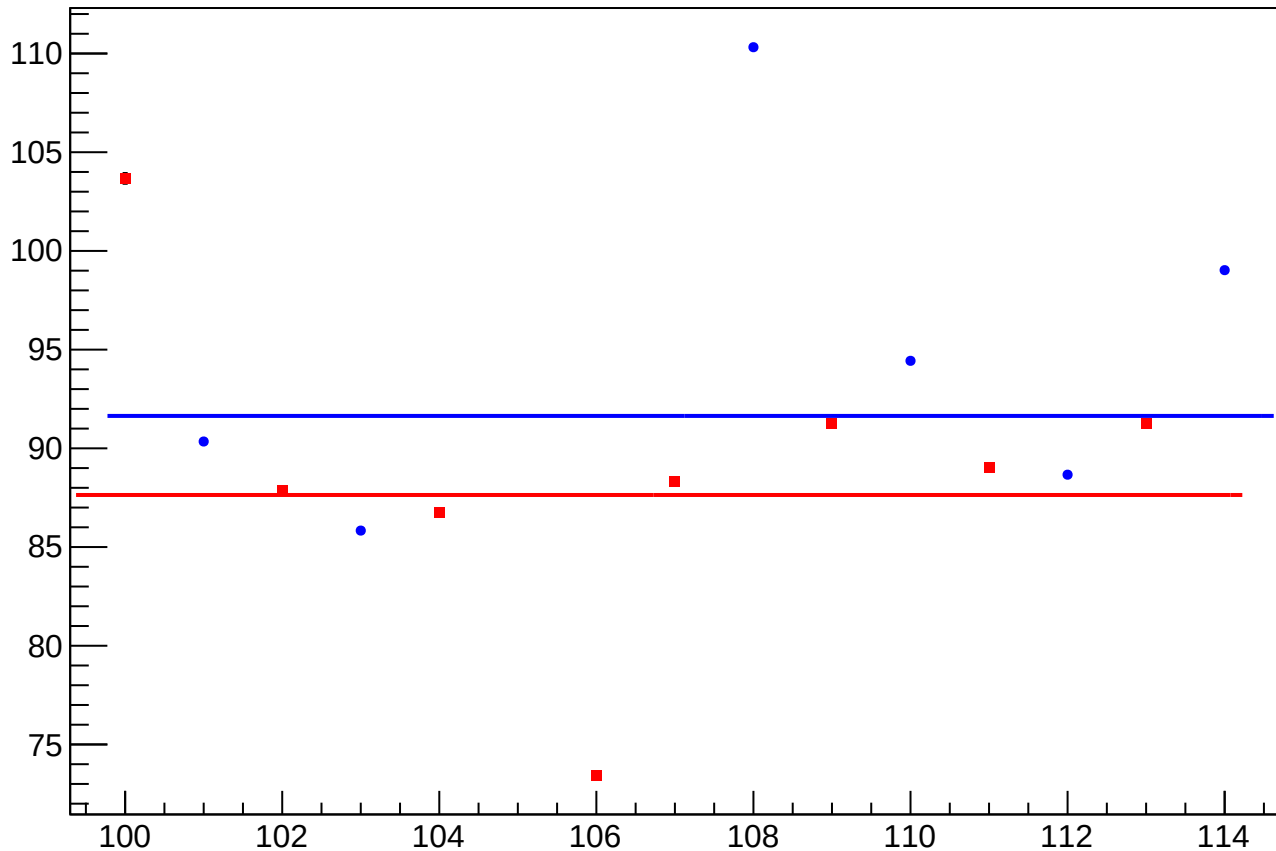
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.808+/-37.446 χ^2/NDF : 13.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_rms vs Slug



Right In: 91.642 $\pm$ 0.040 χ^2 /NDF: 29914.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.637 $\pm$ 0.035 χ^2 /NDF: 23706.3/7

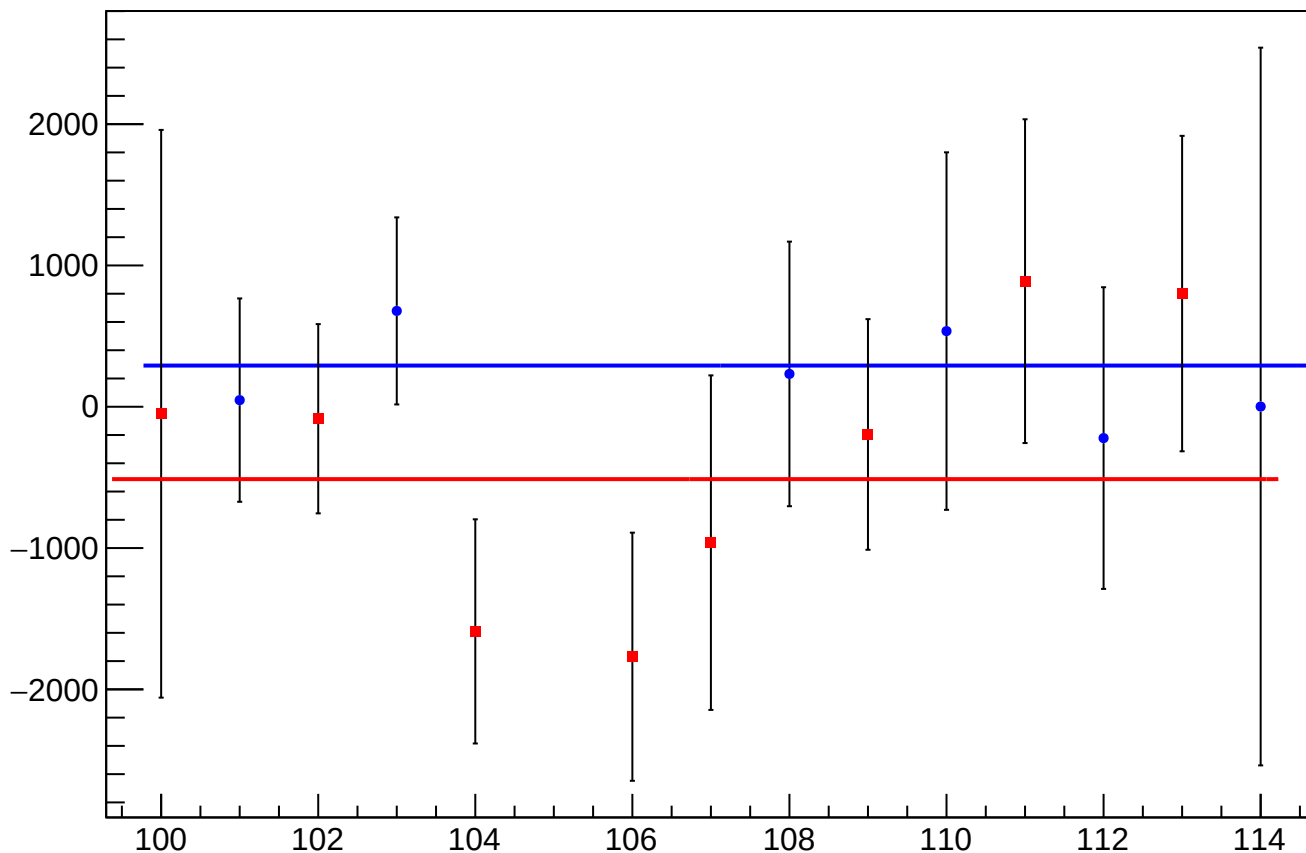
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.364 $\pm$ 0.026 χ^2 /NDF: 59231.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 291.518 $\pm$ 377.642 χ^2 /NDF: 0.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -512.169 $\pm$ 330.693 χ^2 /NDF: 7.5/7

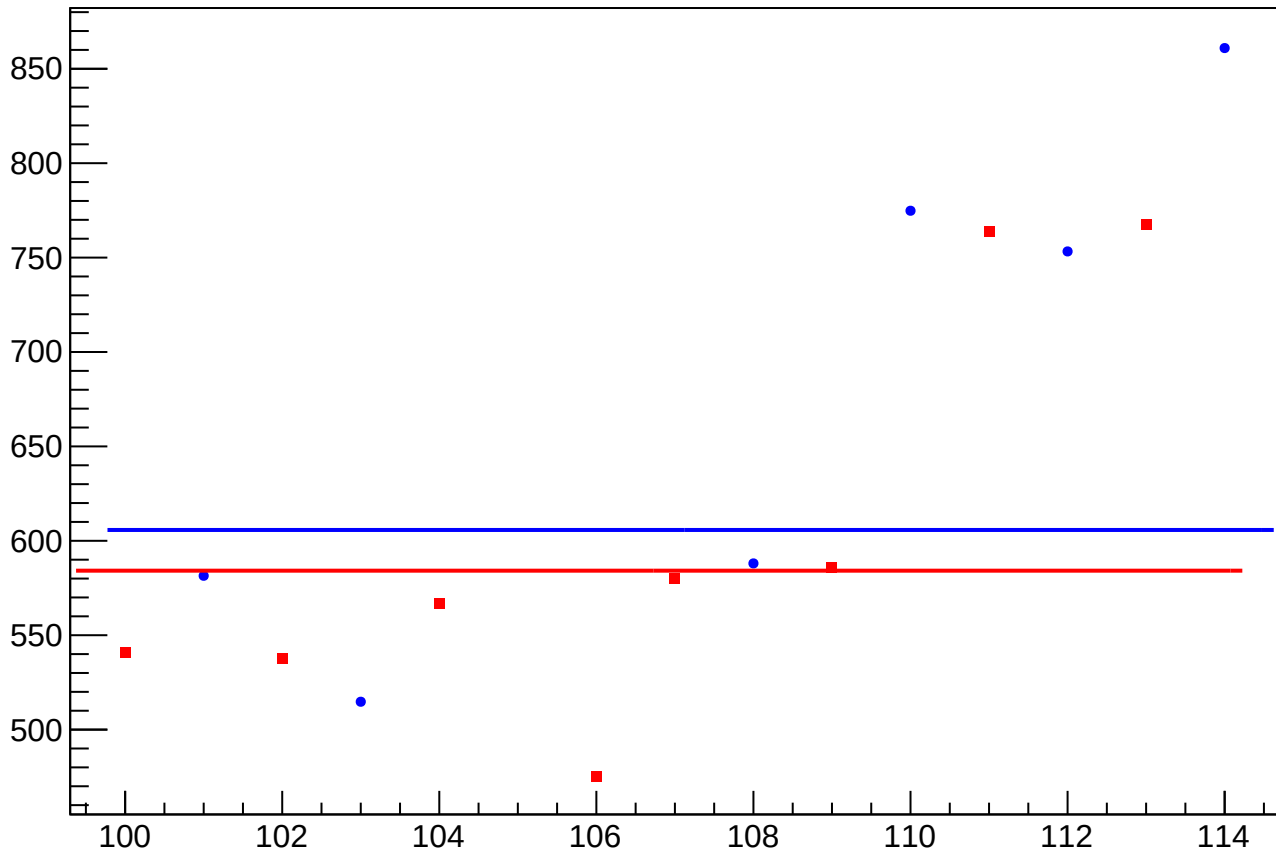
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -163.361 $\pm$ 248.788 χ^2 /NDF: 10.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 605.743+/-0.267 χ^2/NDF : 134887.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.184+/-0.234 χ^2/NDF : 145836.0/7

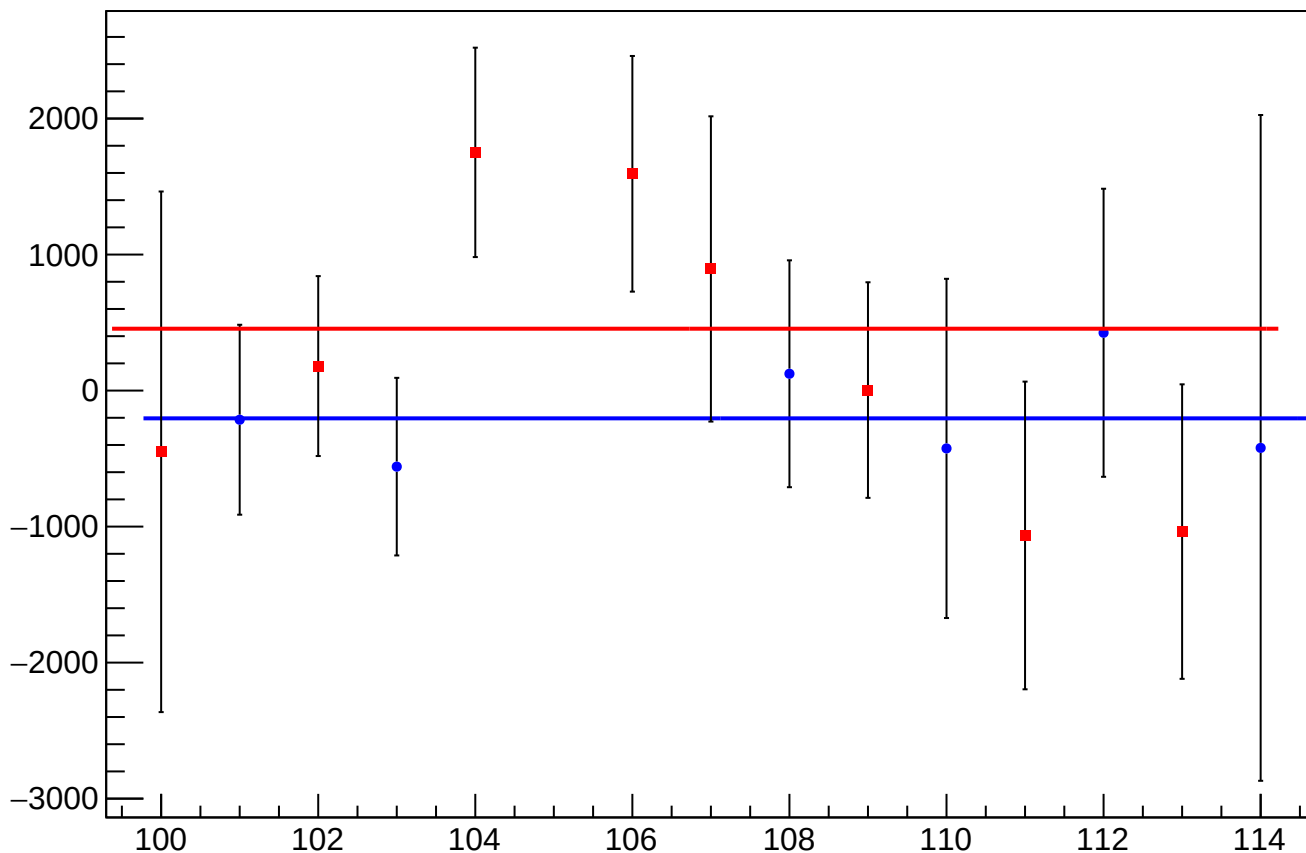
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.541+/-0.176 χ^2/NDF : 284413.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -204.167+/-364.258 χ^2/NDF : 0.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.896+/-322.744 χ^2/NDF : 9.1/7

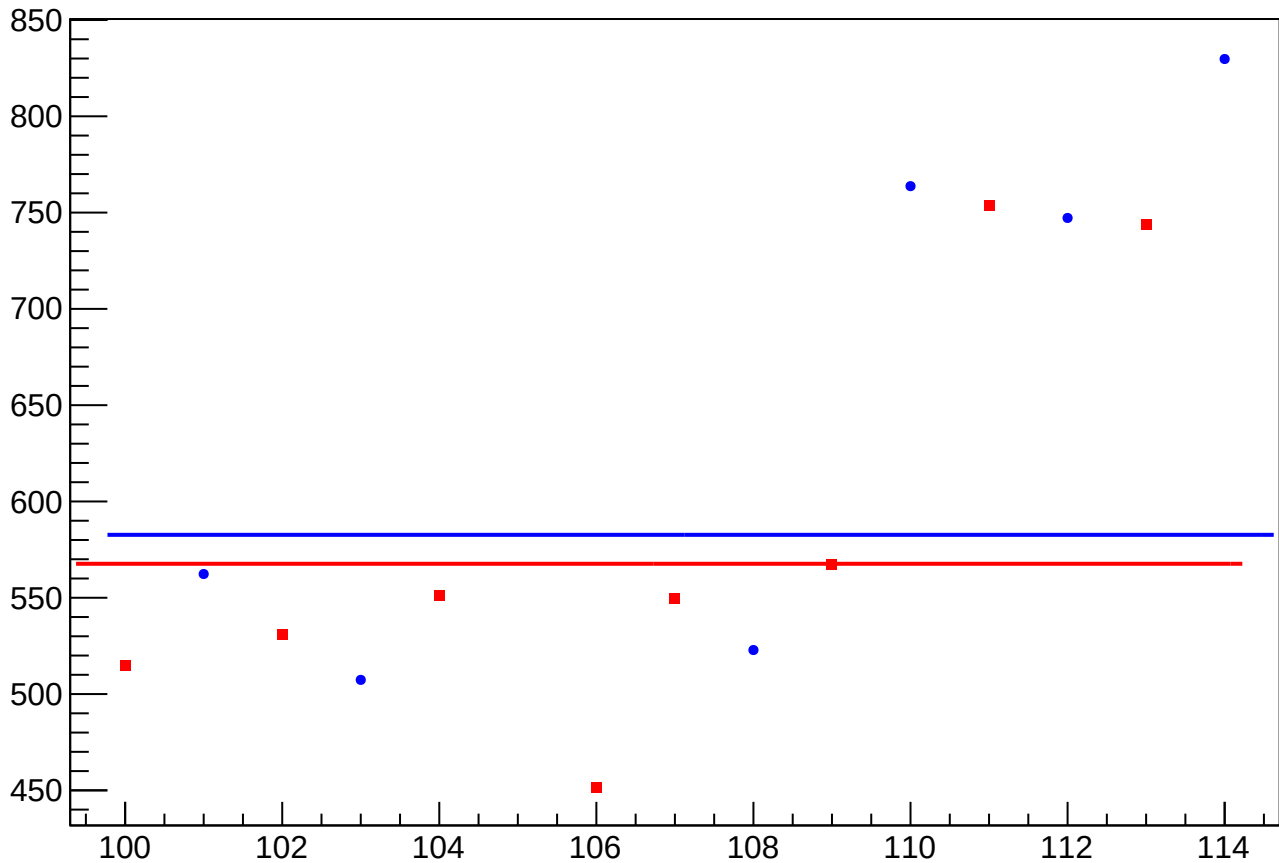
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.045+/-241.564 χ^2/NDF : 11.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 582.678 $\pm$ 0.258 χ^2 /NDF: 149422.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 567.649 $\pm$ 0.228 χ^2 /NDF: 152250.6/7

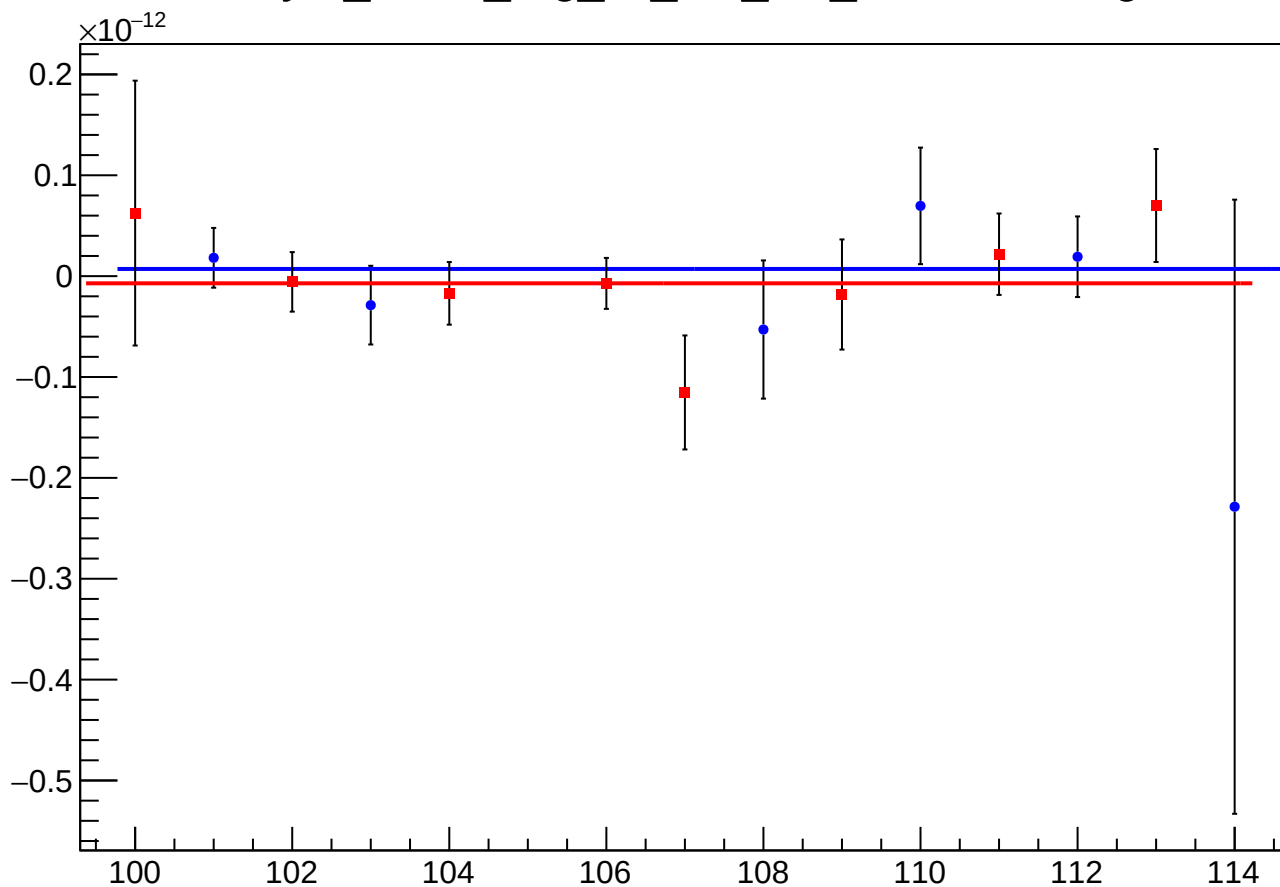
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 574.259 $\pm$ 0.171 χ^2 /NDF: 303580.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/7

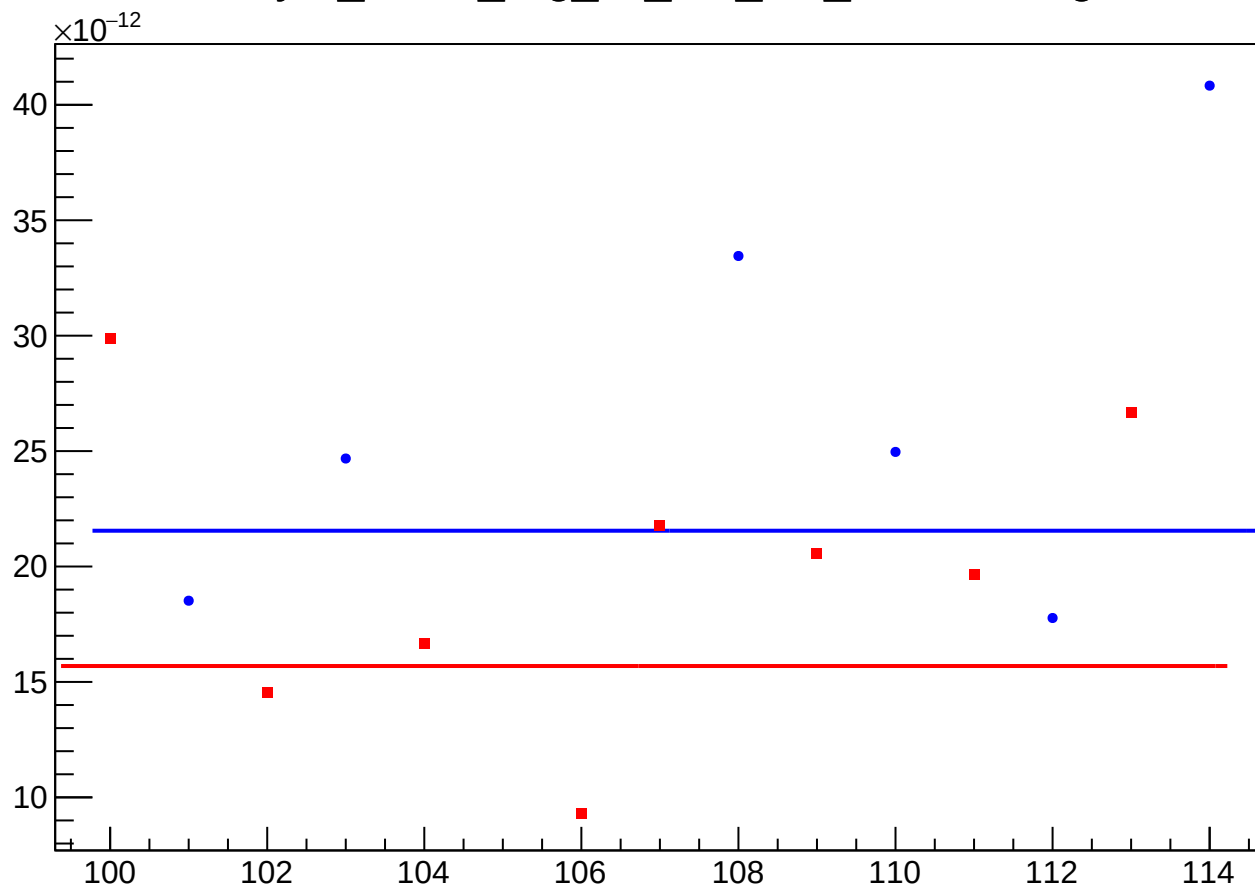
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 127058.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 291449.0/7

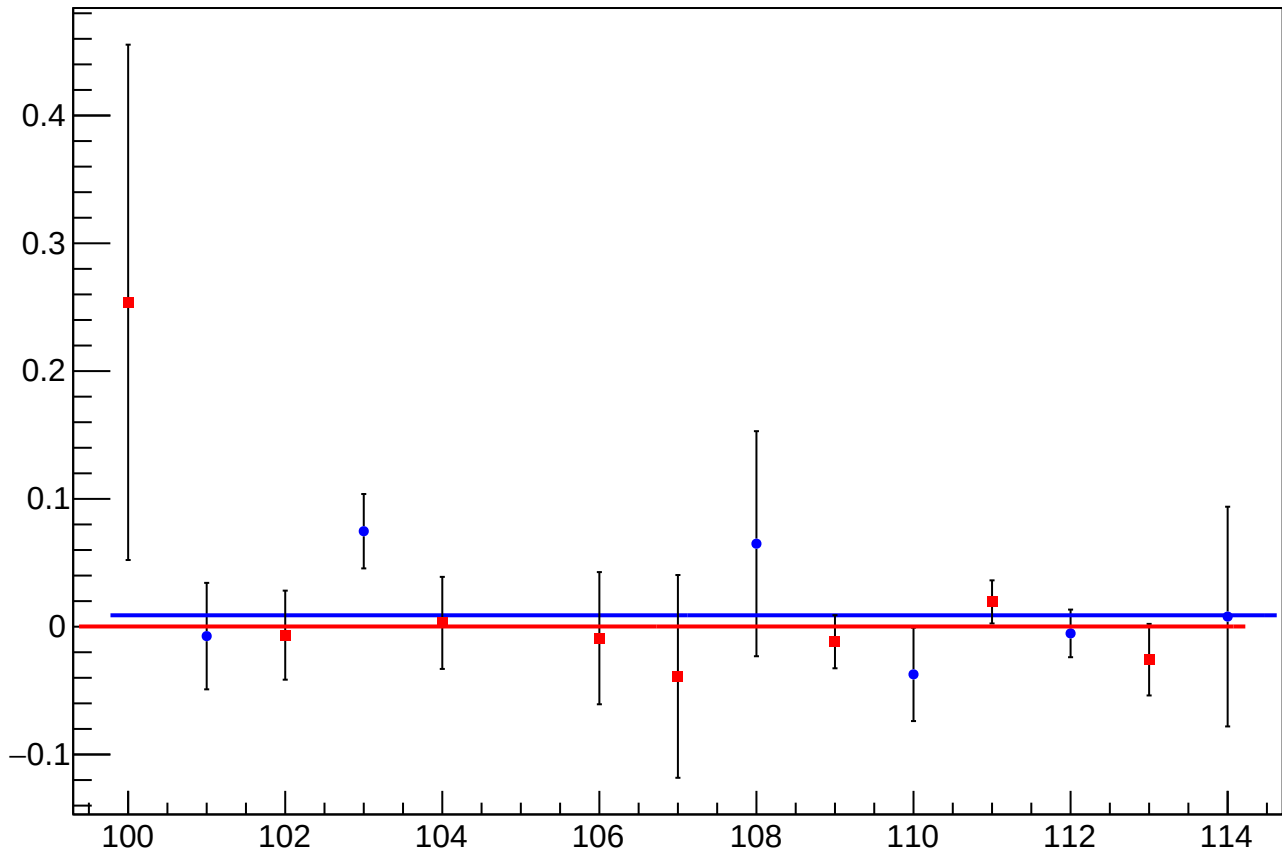
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 549392.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 4.4/7

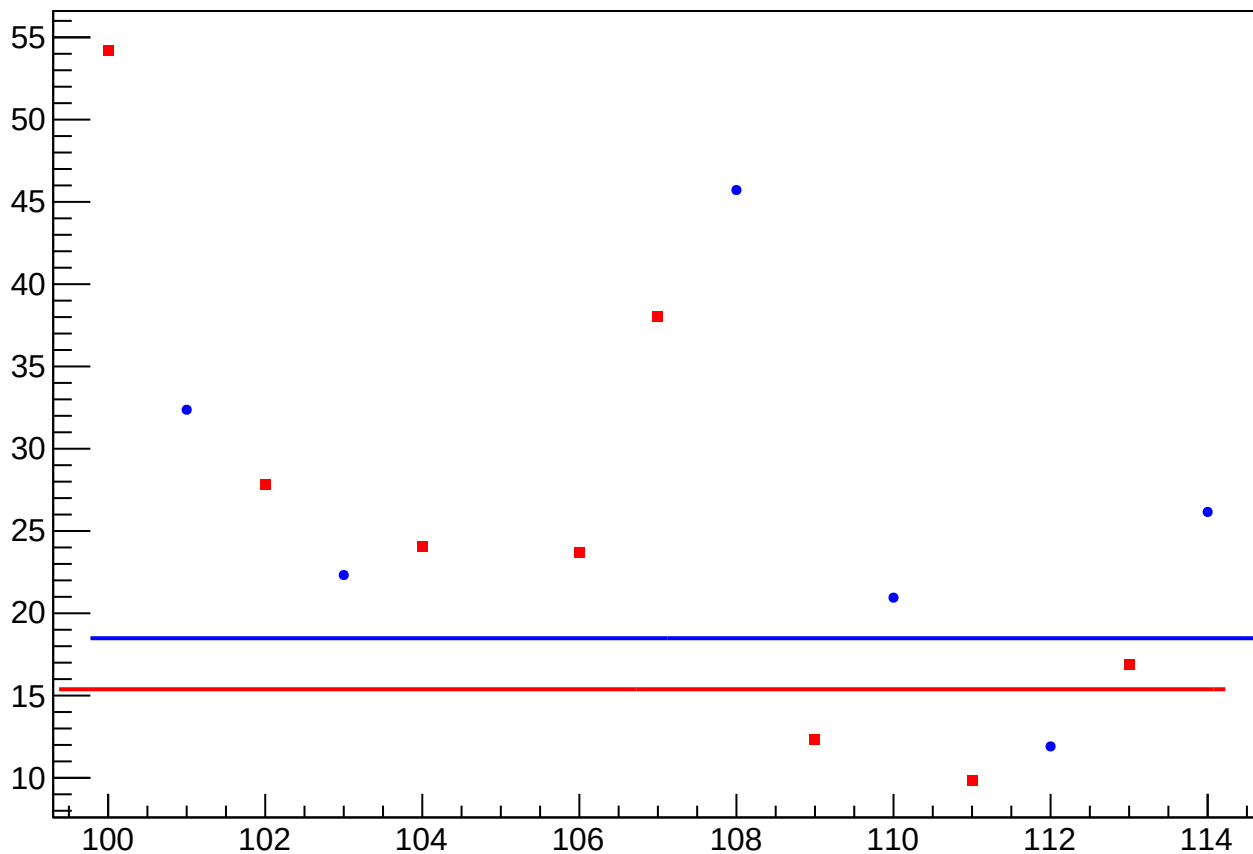
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 18.484 $\pm$ 0.009 χ^2 /NDF: 722387.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.384 $\pm$ 0.007 χ^2 /NDF: 924953.4/7

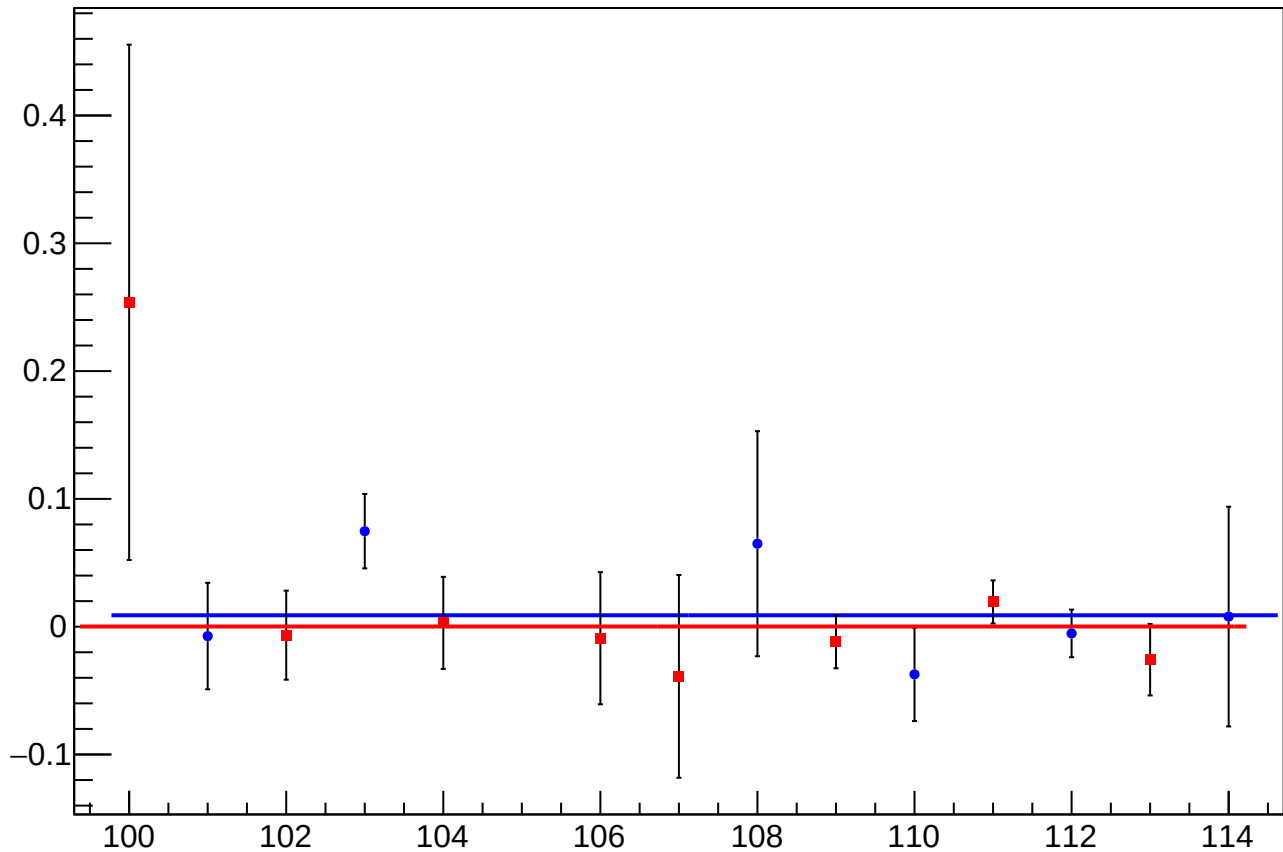
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.559 $\pm$ 0.006 χ^2 /NDF: 1714779.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 4.4/7

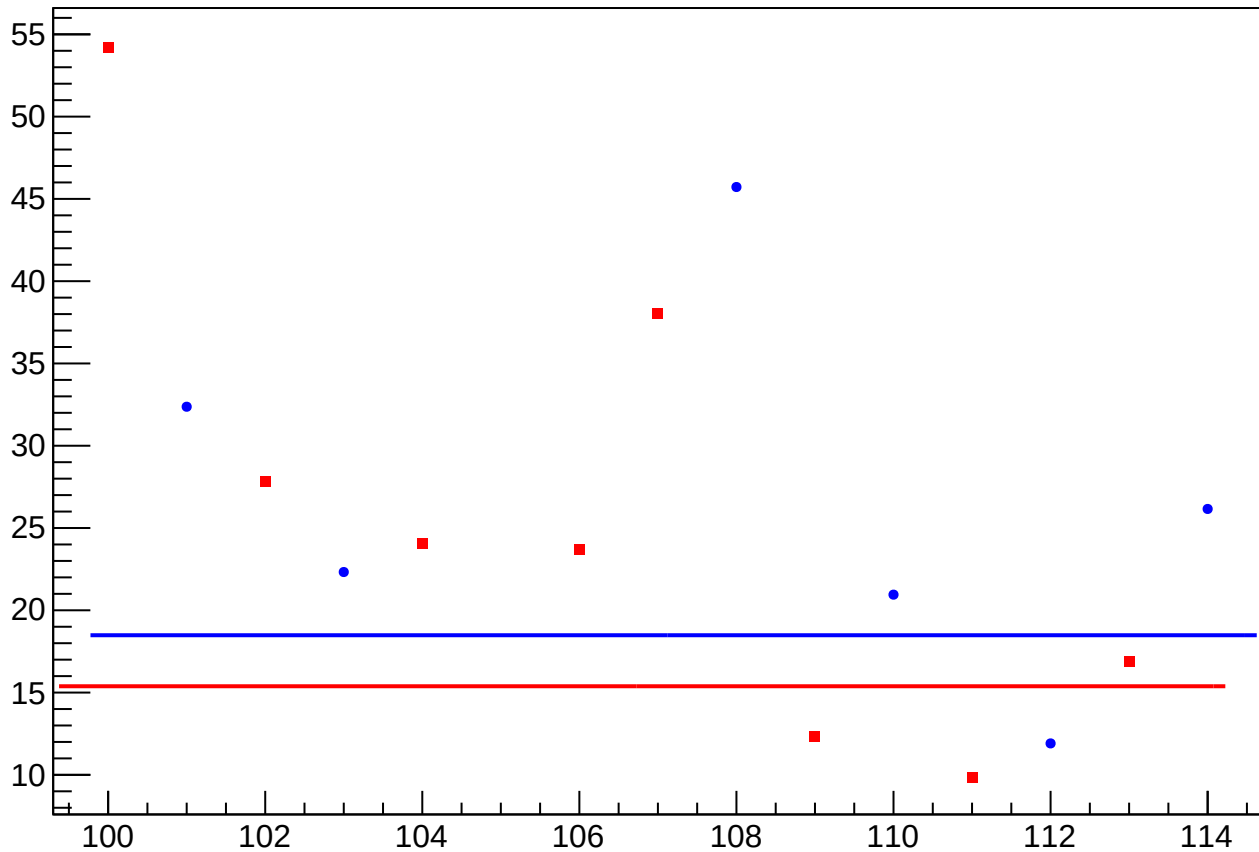
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.484 $\pm$ 0.009 χ^2 /NDF: 722387.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.384 $\pm$ 0.007 χ^2 /NDF: 924953.4/7

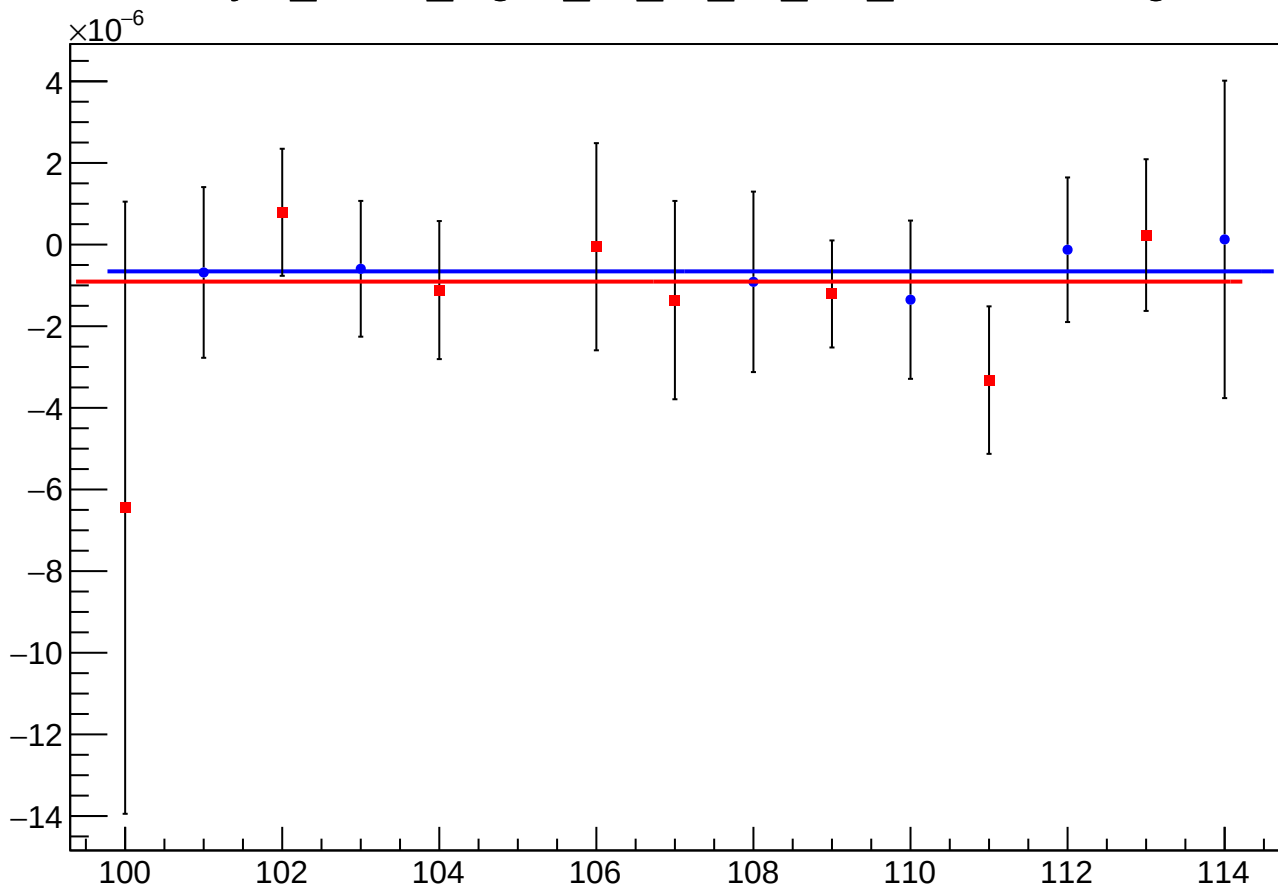
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.559 $\pm$ 0.006 χ^2 /NDF: 1714779.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 0.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.1/7

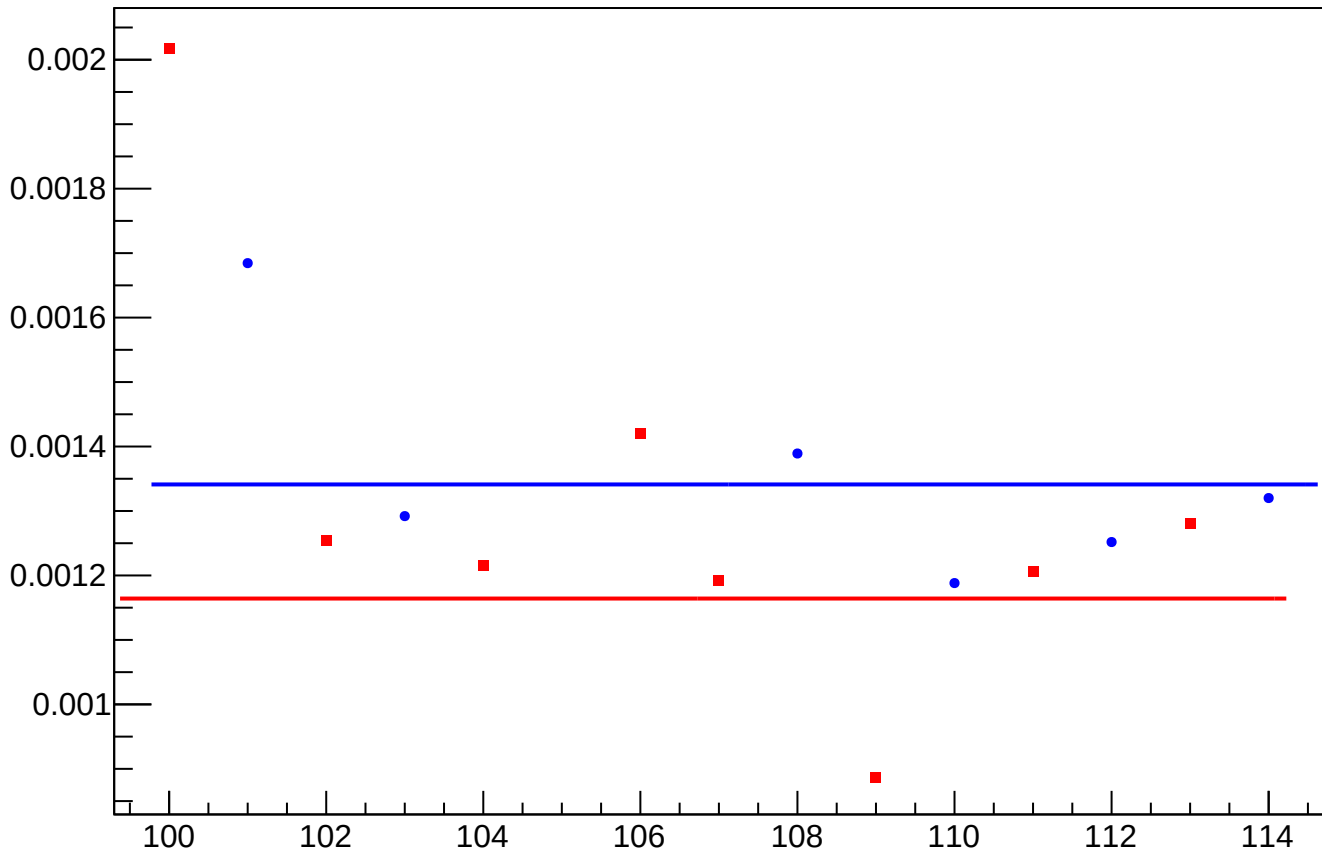
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 4.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 74199.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 153267.7/7

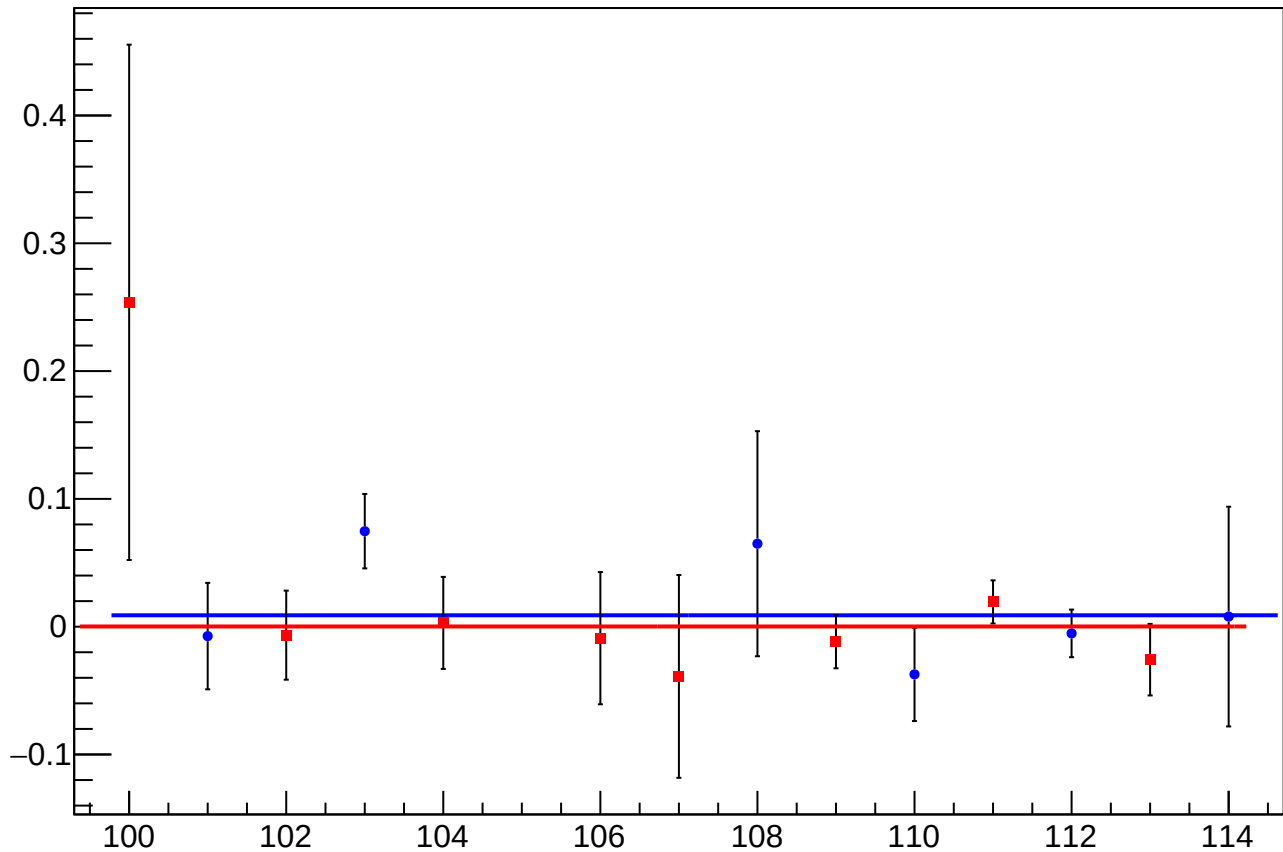
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 282925.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 4.4/7

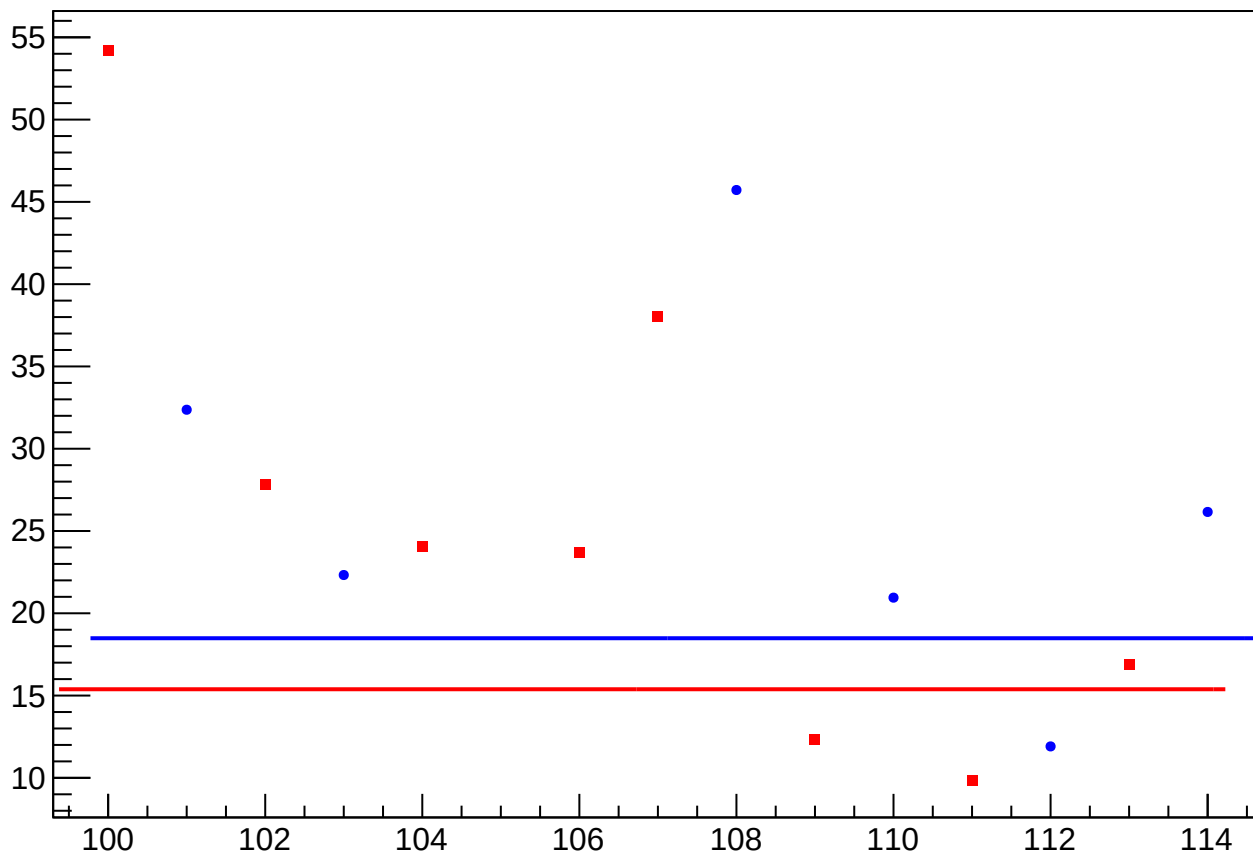
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 18.484 $\pm$ 0.009 χ^2 /NDF: 722374.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.384 $\pm$ 0.007 χ^2 /NDF: 924983.7/7

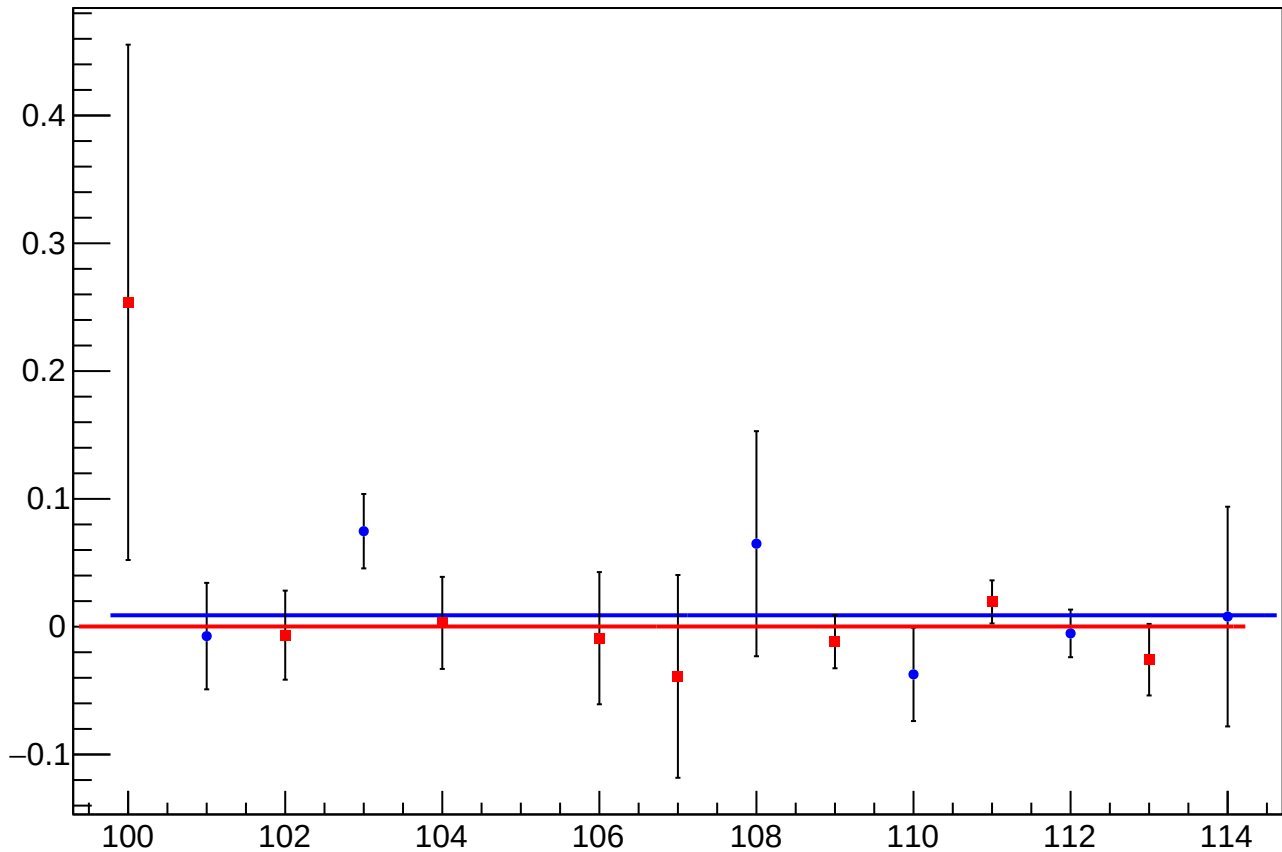
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.559 $\pm$ 0.006 χ^2 /NDF: 1714805.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 4.4/7

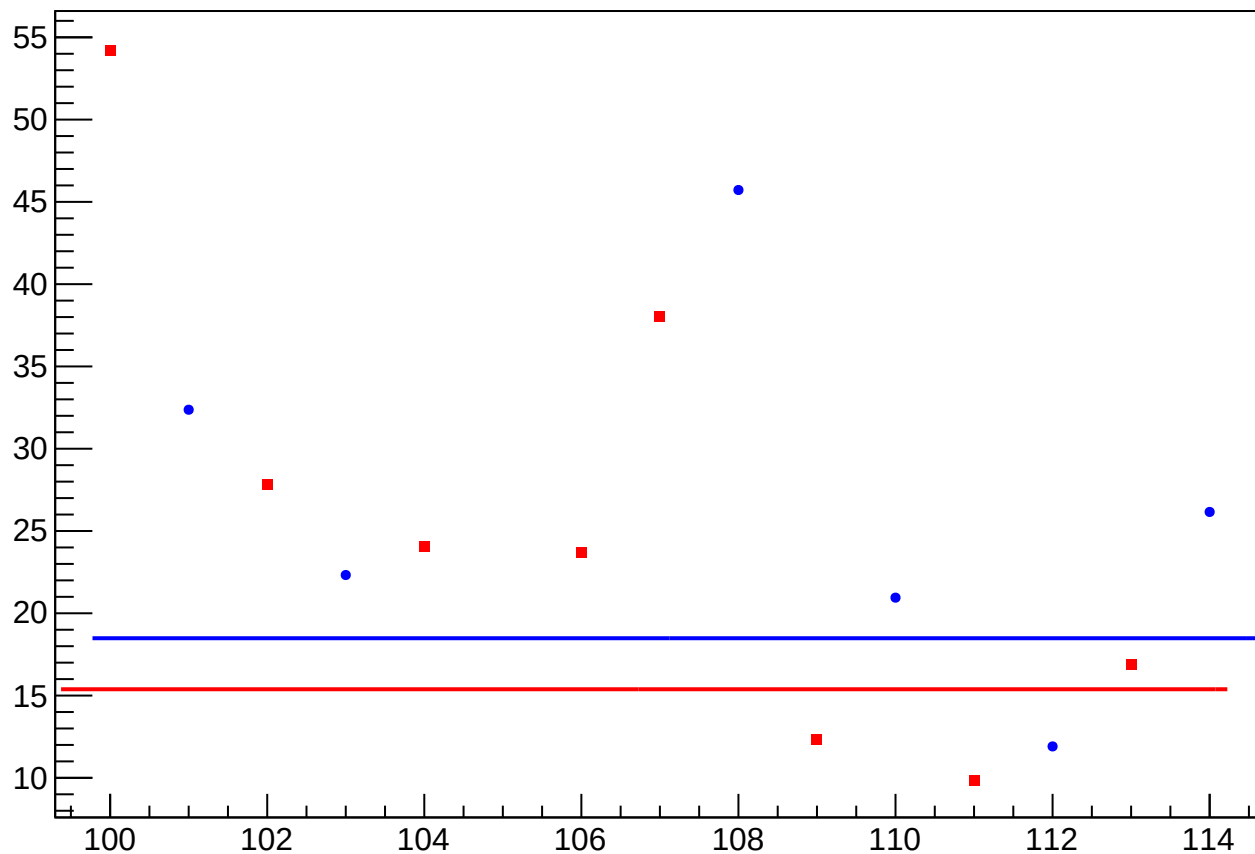
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.484+/-0.009 χ^2/NDF : 722374.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.384+/-0.007 χ^2/NDF : 924983.7/7

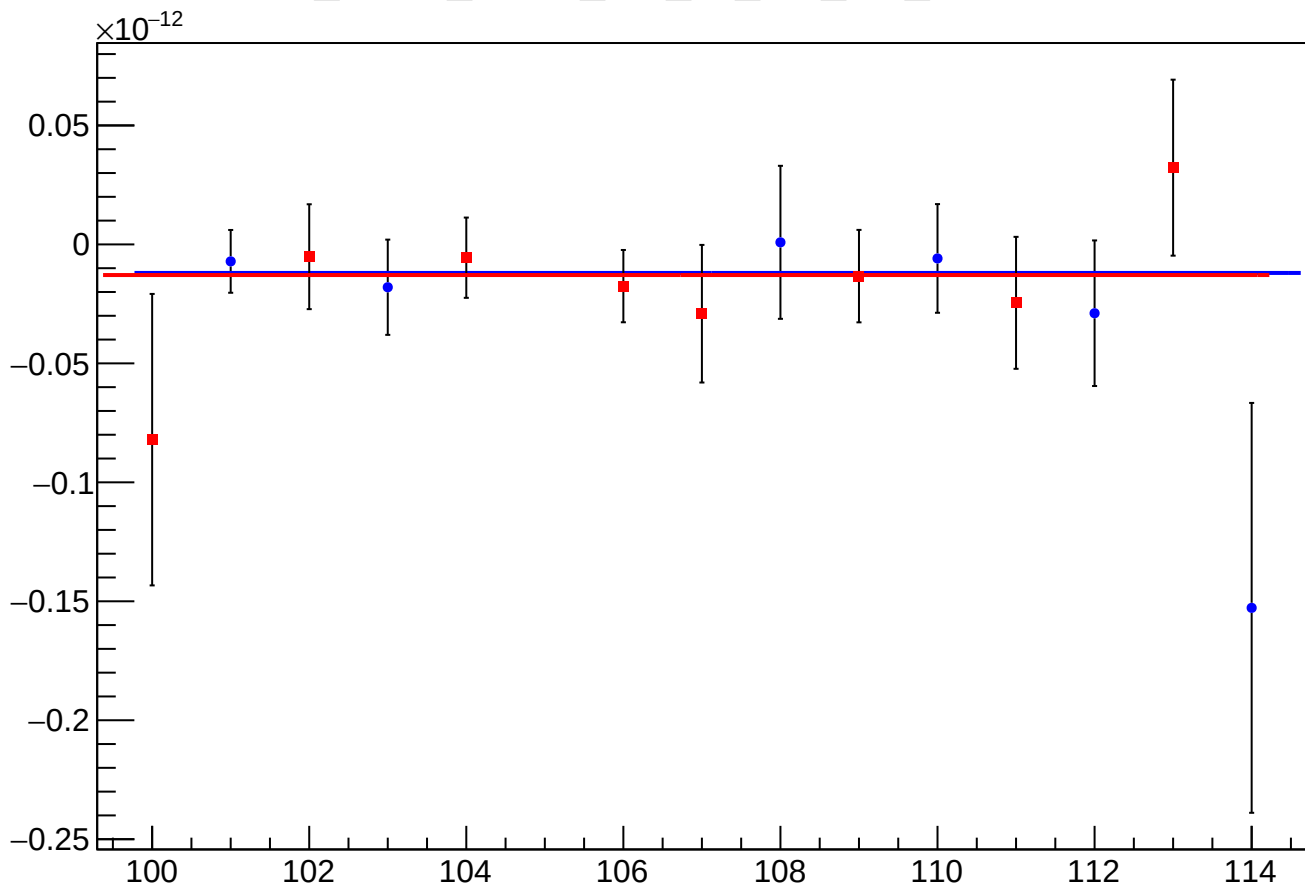
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.559+/-0.006 χ^2/NDF : 1714805.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/7

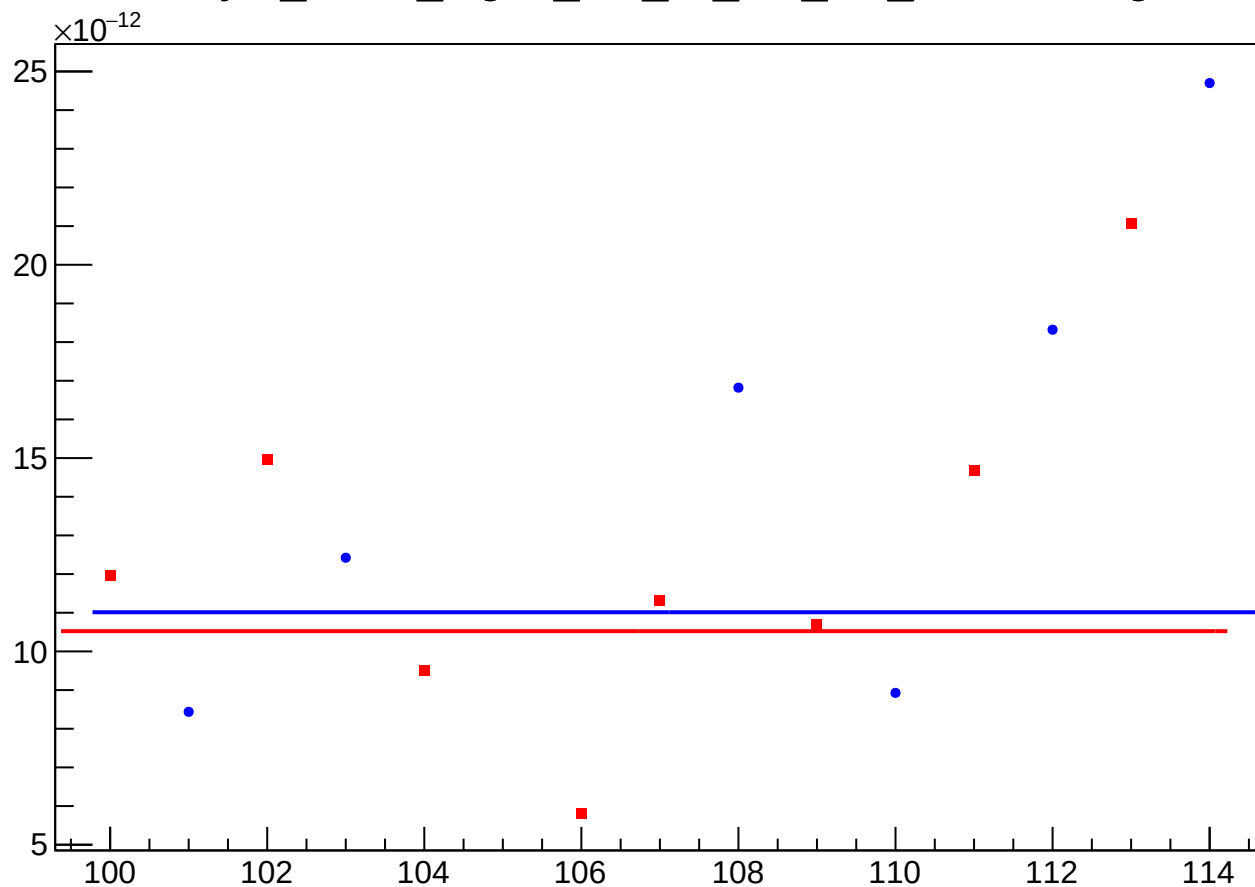
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 332691.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 490942.1/7

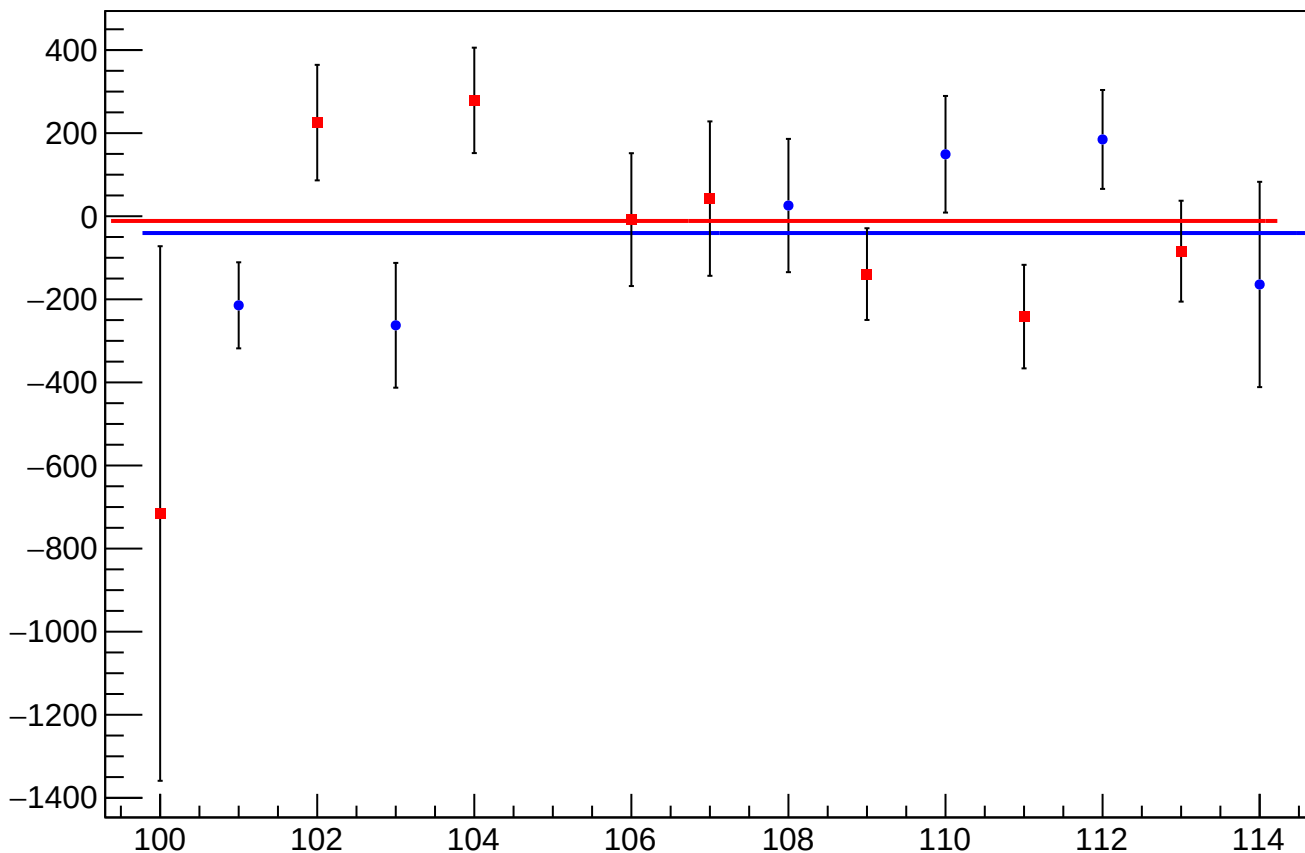
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 826970.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -40.454 ± 56.424 χ^2/NDF : 10.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.383 ± 50.086 χ^2/NDF : 14.5/7

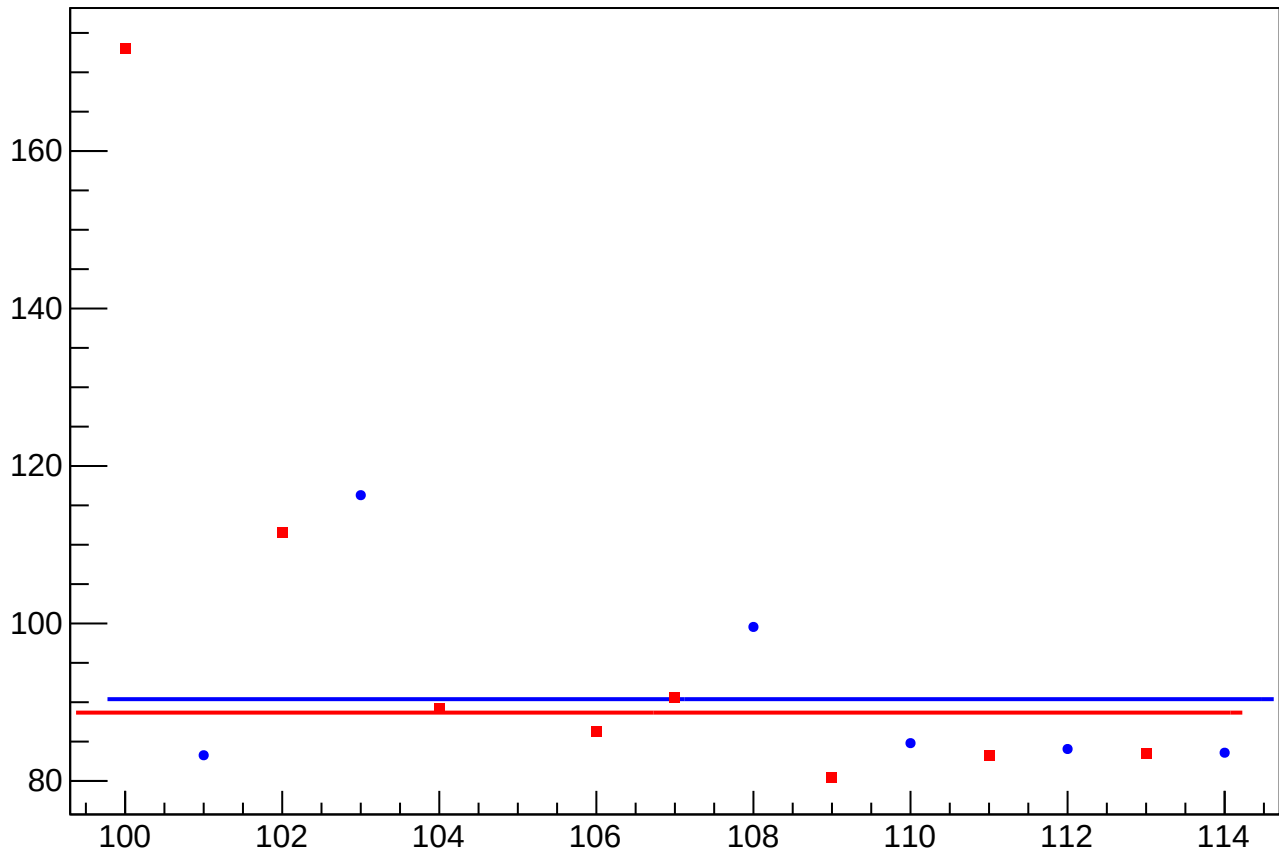
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.195 ± 37.457 χ^2/NDF : 25.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 90.387 $\pm$ 0.040 χ^2 /NDF: 85853.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.679 $\pm$ 0.035 χ^2 /NDF: 107547.0/7

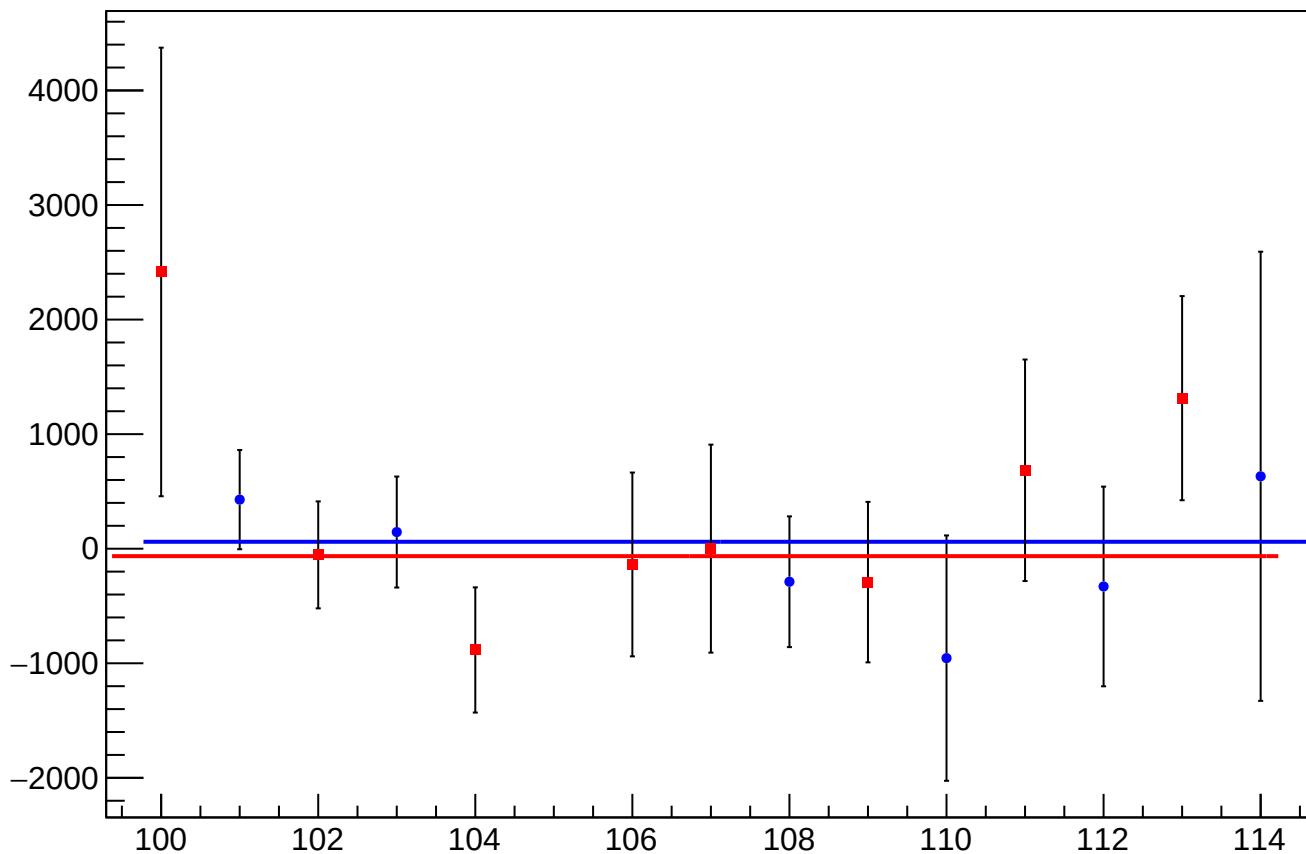
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.432 $\pm$ 0.026 χ^2 /NDF: 194425.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 60.607 $\pm$ 257.232 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.928 $\pm$ 255.387 χ^2 /NDF: 7.0/7

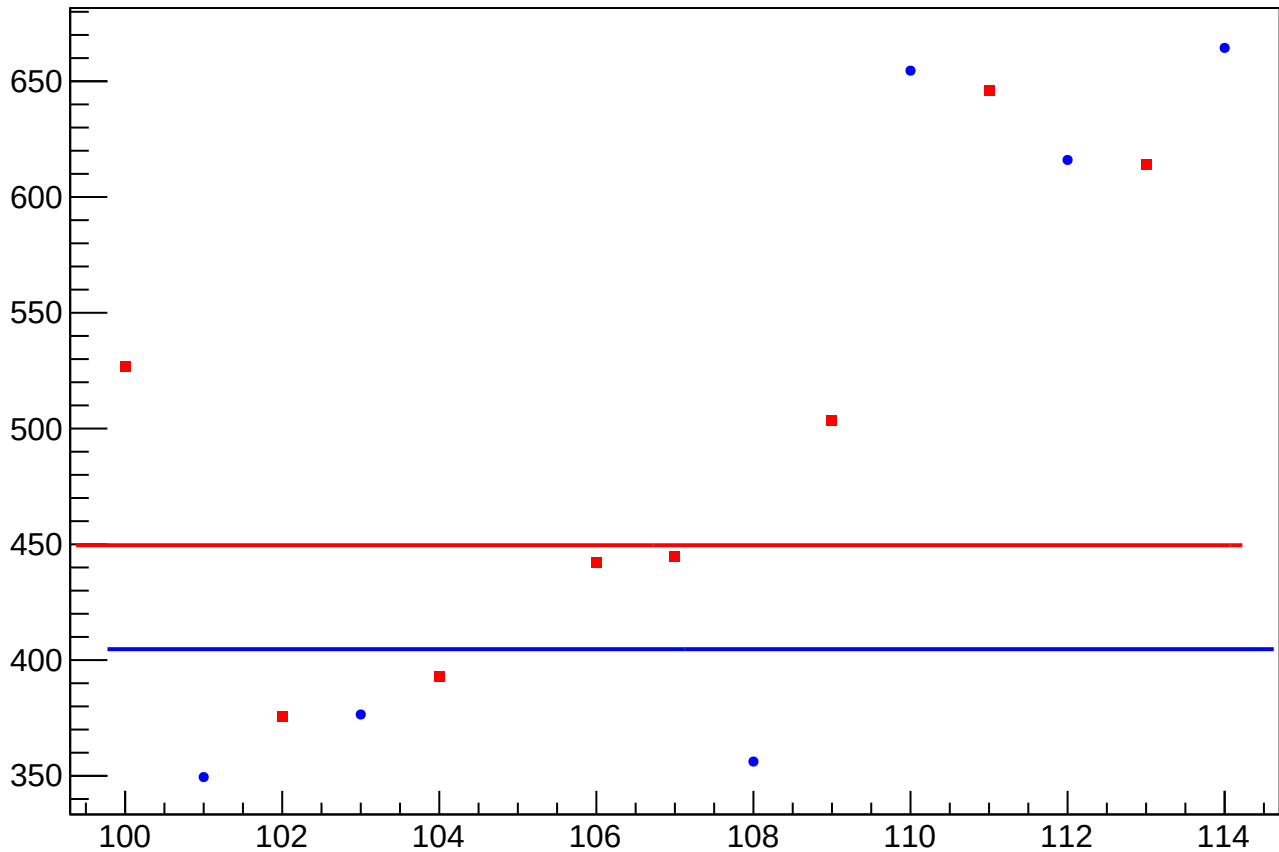
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.613 $\pm$ 181.235 χ^2 /NDF: 9.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 404.709+/-0.182 χ^2/NDF : 315370.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.601+/-0.181 χ^2/NDF : 237369.6/7

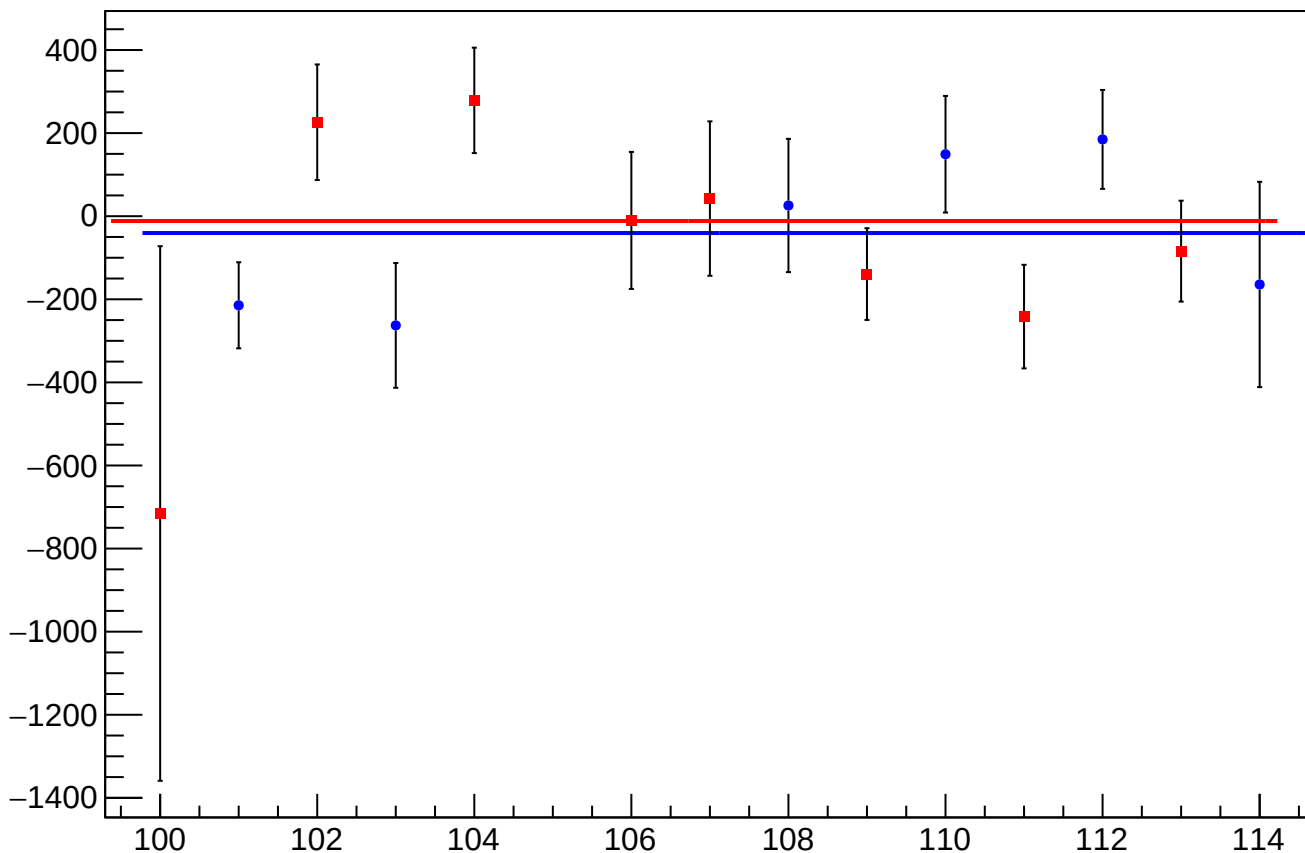
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.317+/-0.128 χ^2/NDF : 583415.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -40.498 ± 56.424 χ^2/NDF : 10.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.517 ± 50.237 χ^2/NDF : 14.5/7

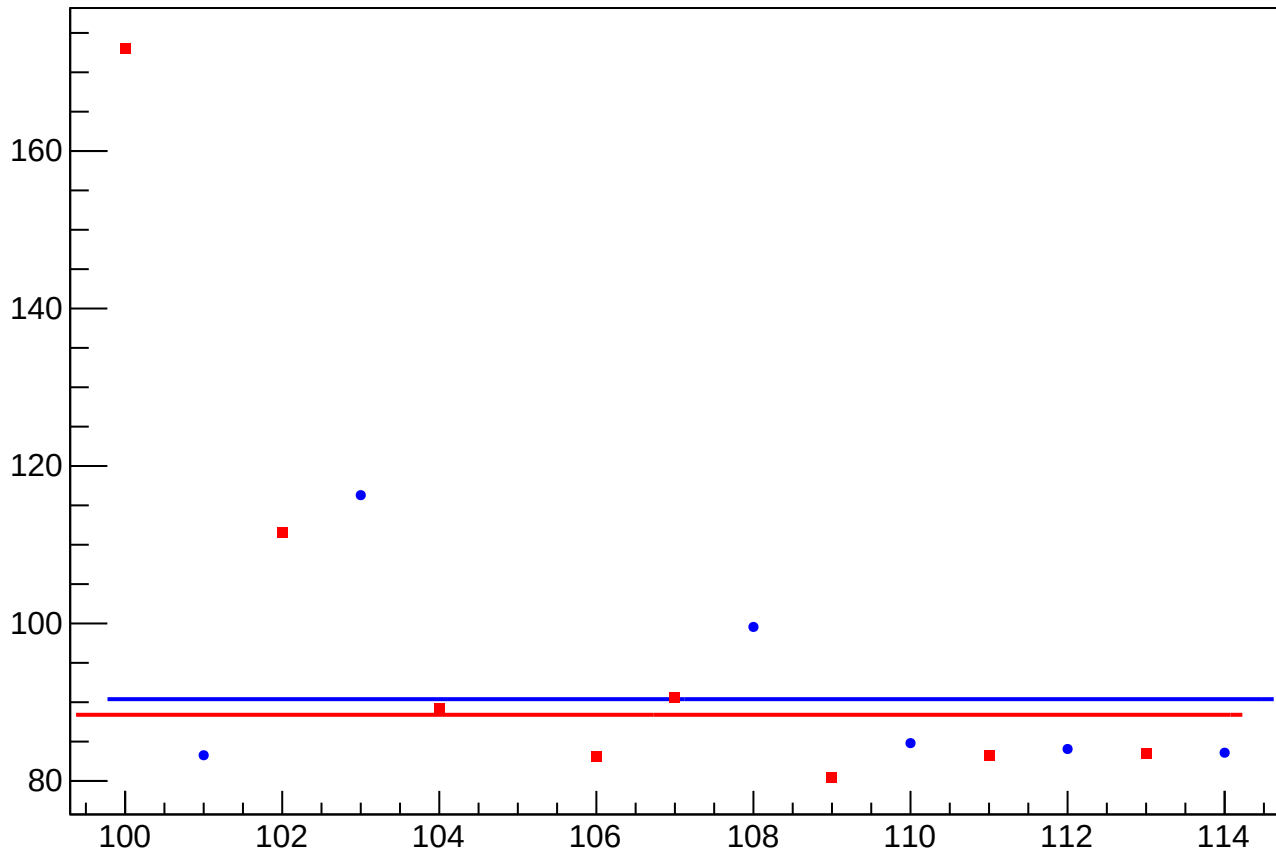
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.332 ± 37.520 χ^2/NDF : 25.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 90.387 $\pm$ 0.040 χ^2 /NDF: 85856.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.403 $\pm$ 0.036 χ^2 /NDF: 109458.4/7

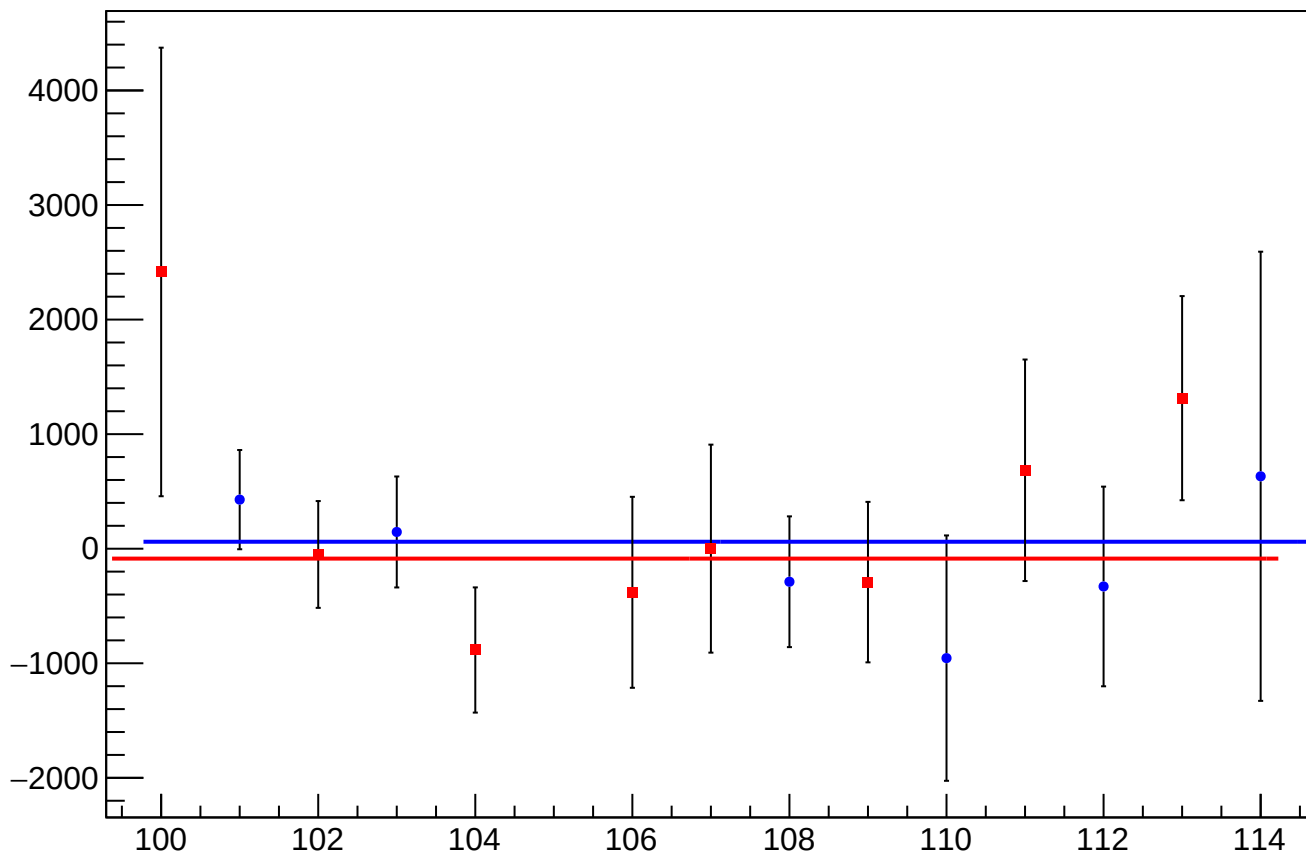
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.281 $\pm$ 0.027 χ^2 /NDF: 196694.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 60.797 $\pm$ 257.222 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.339 $\pm$ 256.222 χ^2 /NDF: 7.1/7

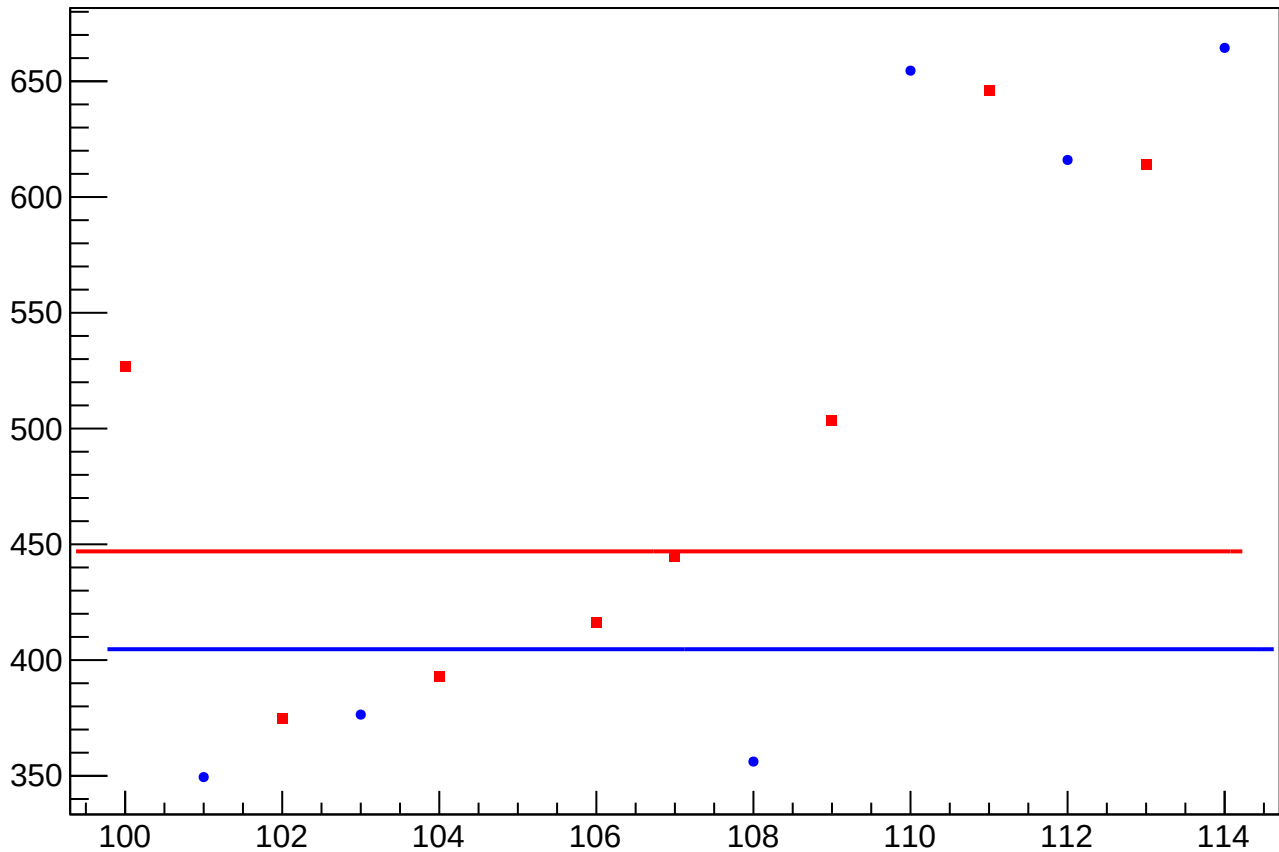
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.057 $\pm$ 181.529 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 404.693+/-0.182 χ^2/NDF : 315398.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.951+/-0.181 χ^2/NDF : 241246.5/7

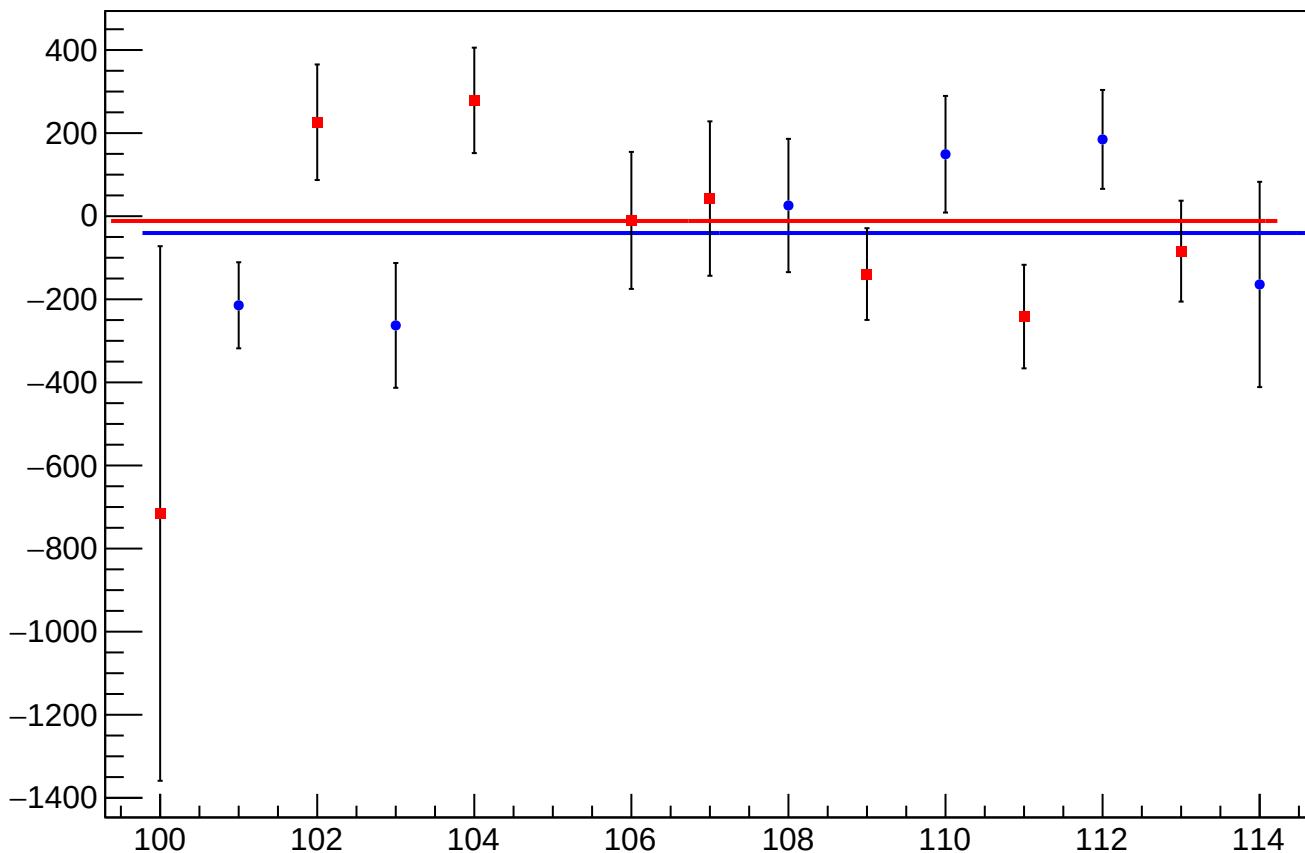
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.904+/-0.128 χ^2/NDF : 583739.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_mean vs Slug



Right In: -40.498 ± 56.424 χ^2/NDF : 10.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.517 ± 50.237 χ^2/NDF : 14.5/7

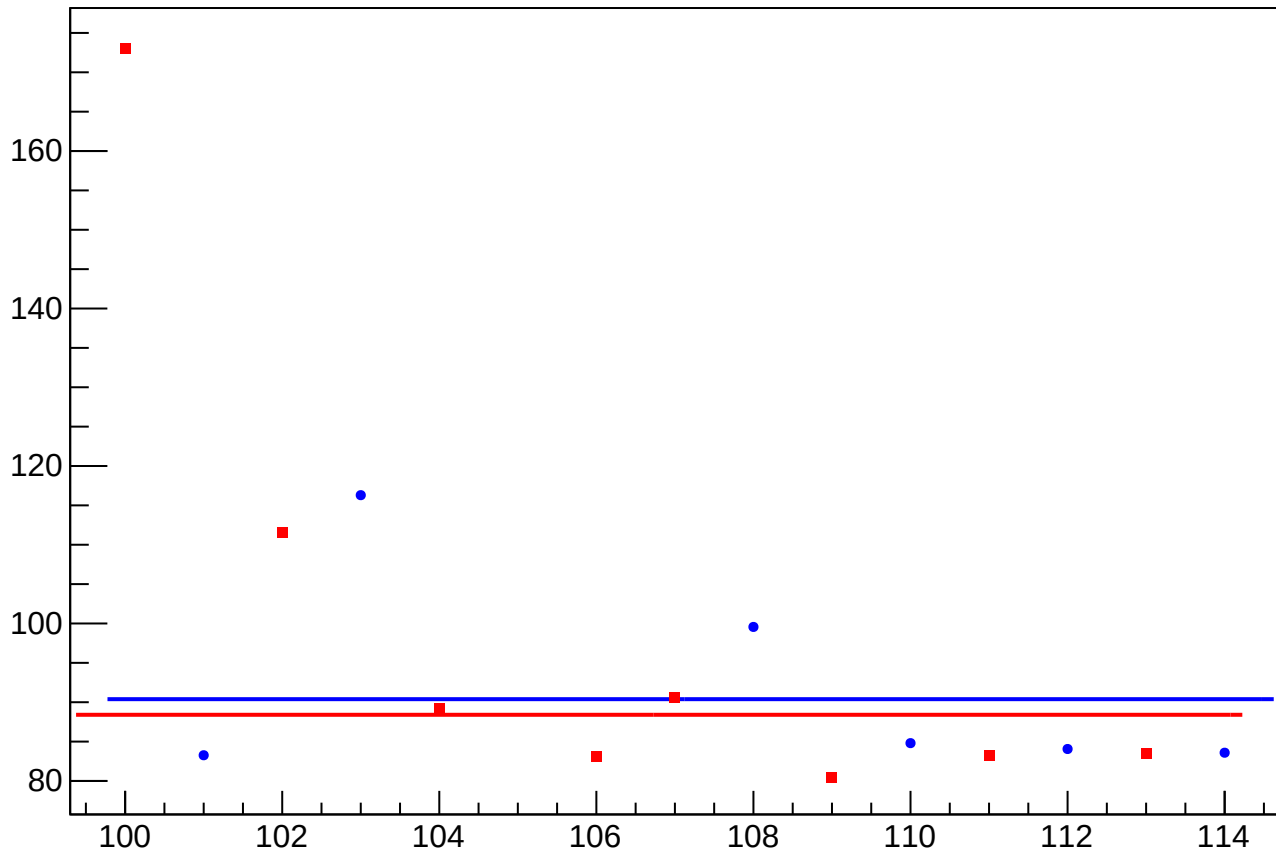
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.332 ± 37.520 χ^2/NDF : 25.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_rms vs Slug



Right In: 90.387 $\pm$ 0.040 χ^2 /NDF: 85856.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.403 $\pm$ 0.036 χ^2 /NDF: 109458.4/7

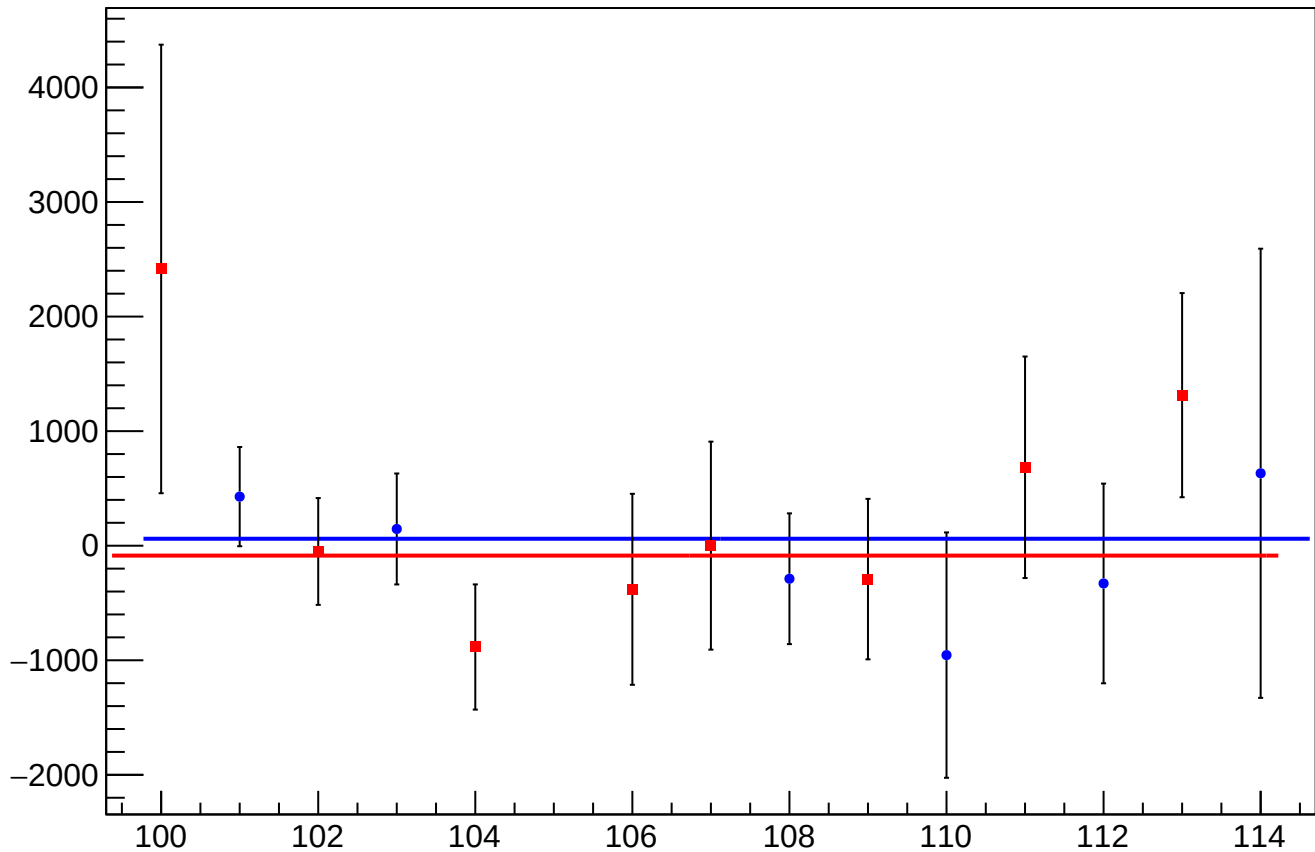
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.281 $\pm$ 0.027 χ^2 /NDF: 196694.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 60.797 $\pm$ 257.222 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.339 $\pm$ 256.222 χ^2 /NDF: 7.1/7

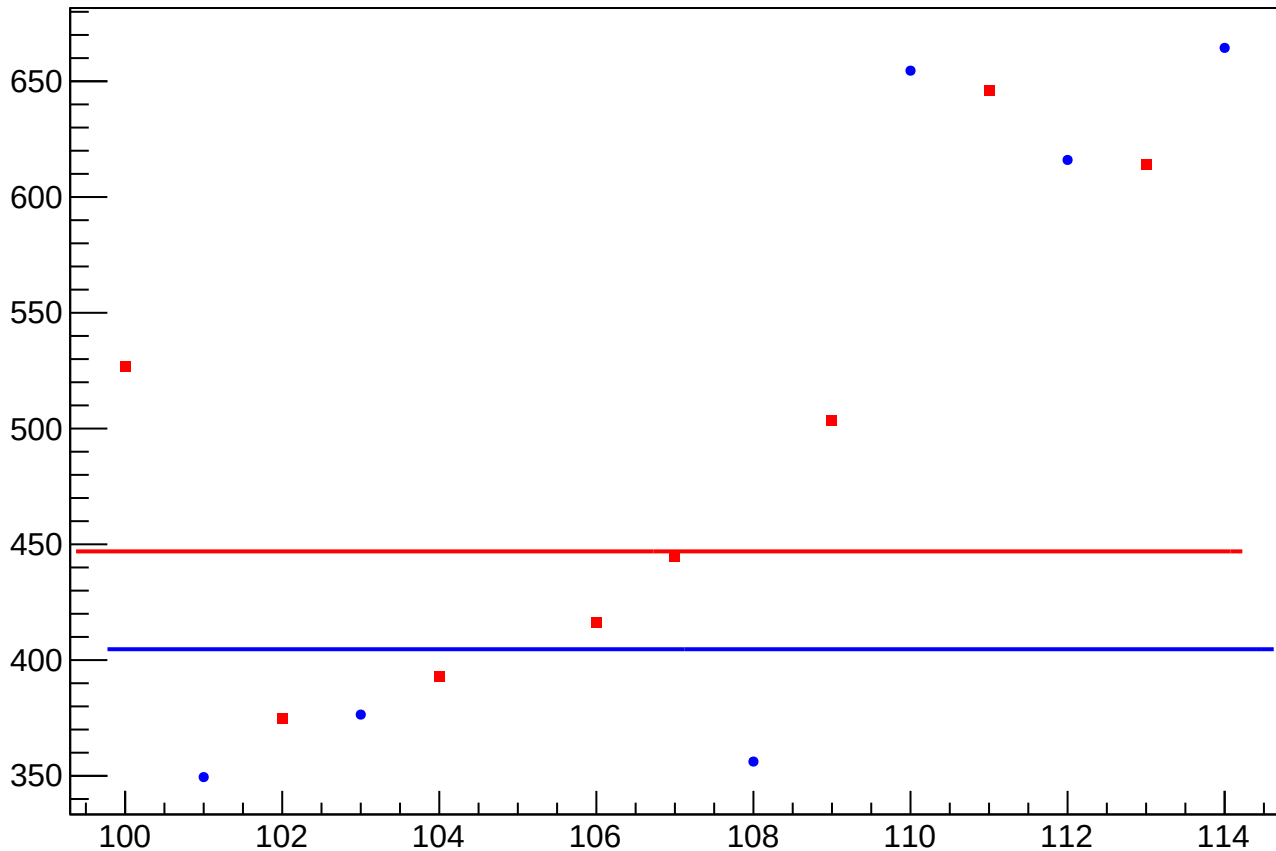
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.057 $\pm$ 181.529 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 404.693+/-0.182 χ^2/NDF : 315398.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.951+/-0.181 χ^2/NDF : 241246.5/7

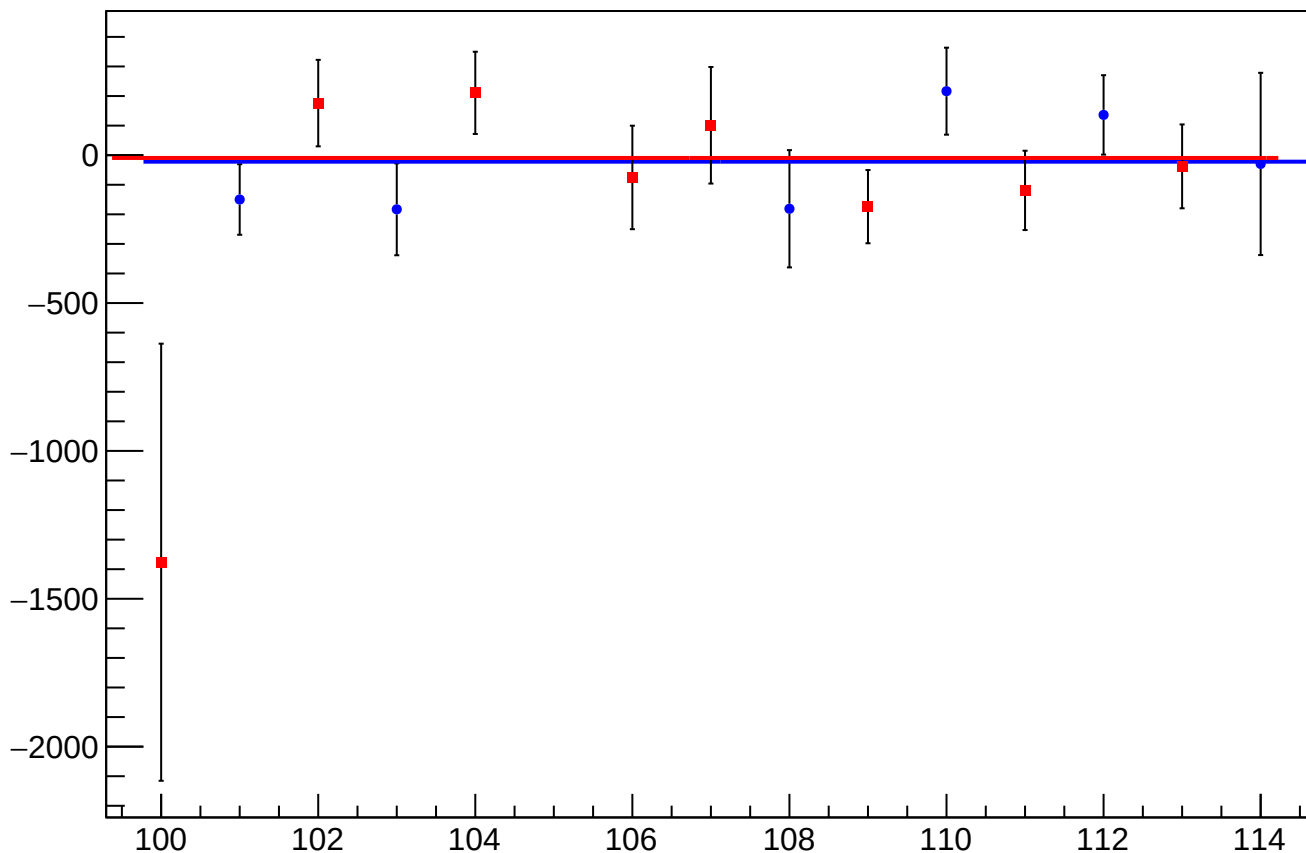
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.904+/-0.128 χ^2/NDF : 583739.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -21.974 ± 63.329 χ^2/NDF : 6.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.368 ± 55.109 χ^2/NDF : 10.5/7

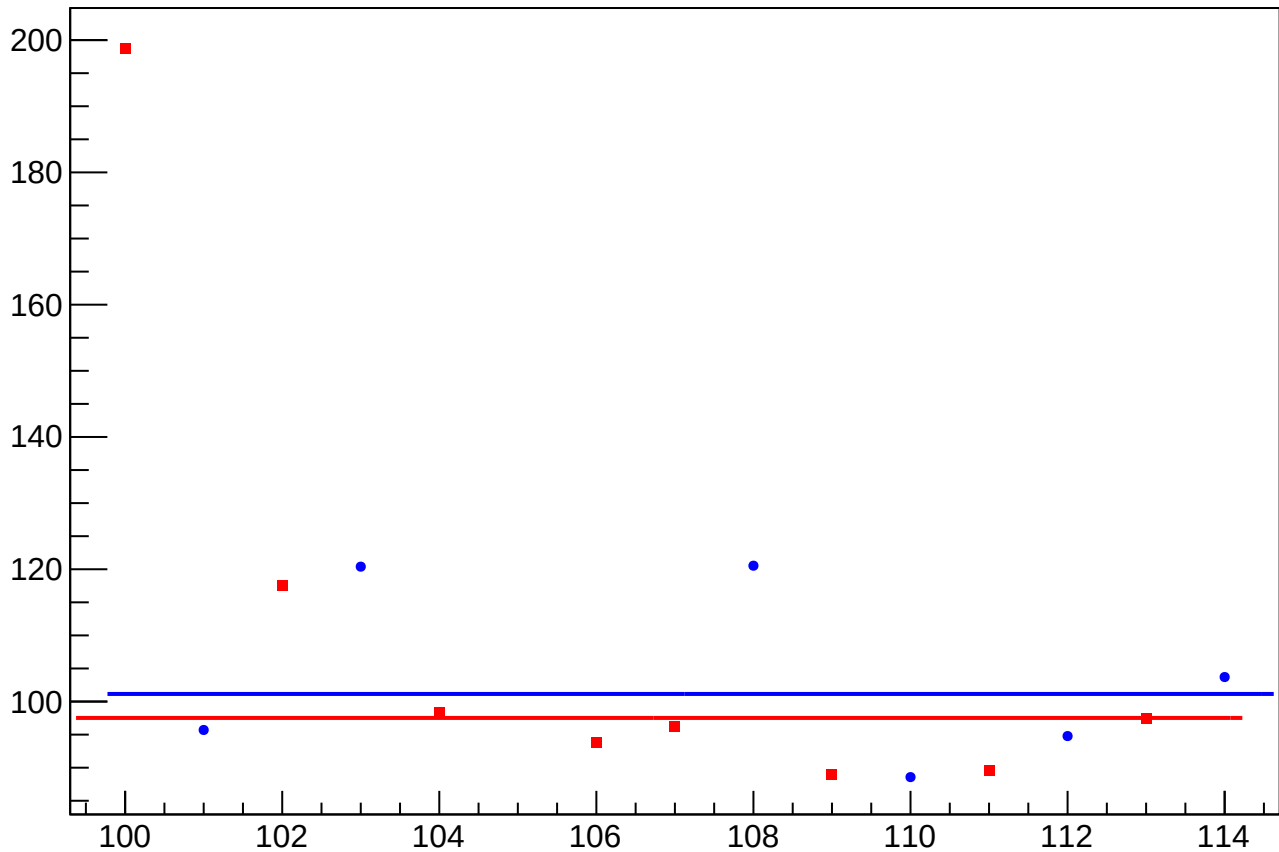
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.801 ± 41.573 χ^2/NDF : 17.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 101.149 $\pm$ 0.045 χ^2 /NDF: 73213.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.523 $\pm$ 0.039 χ^2 /NDF: 92622.0/7

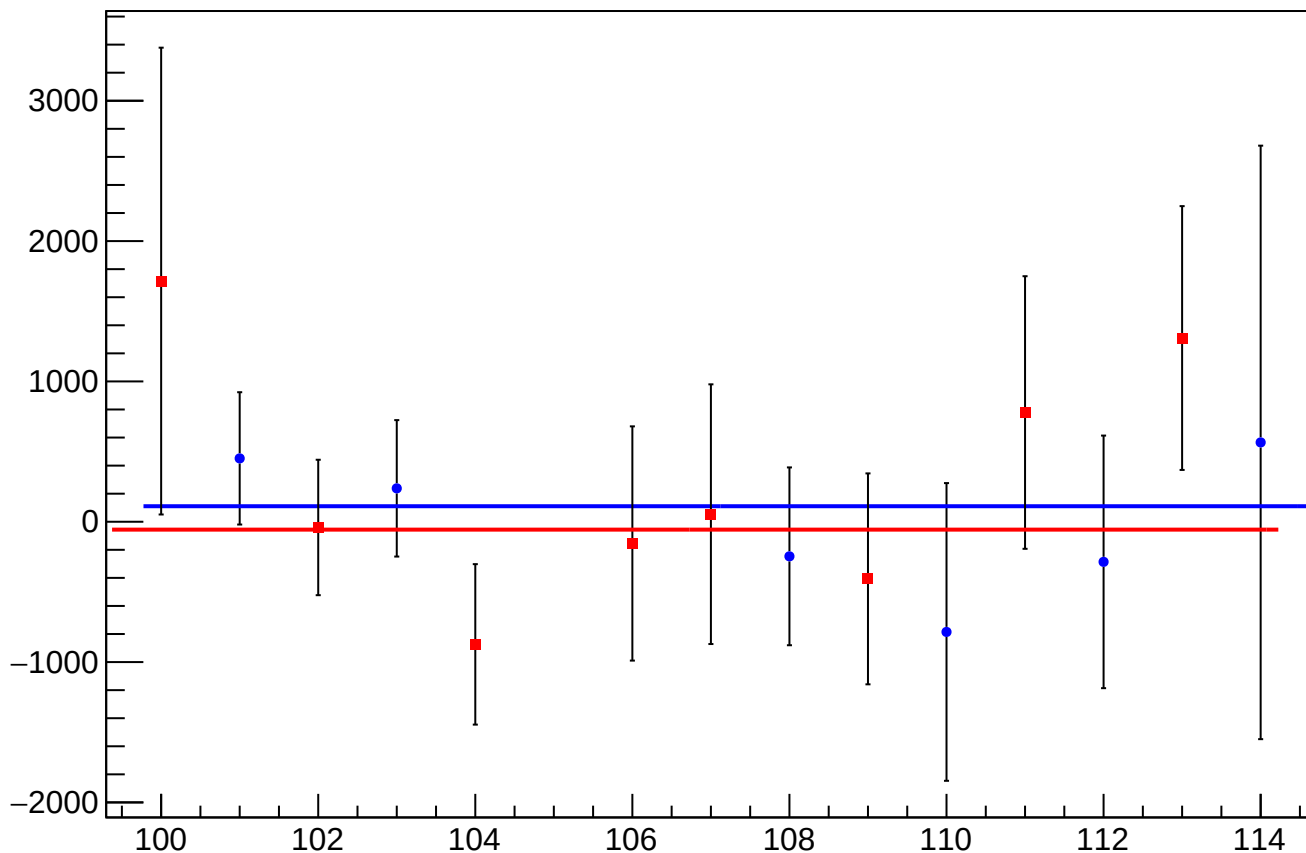
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.086 $\pm$ 0.029 χ^2 /NDF: 169565.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 110.612 $\pm$ 271.478 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.122 $\pm$ 264.617 χ^2 /NDF: 6.3/7

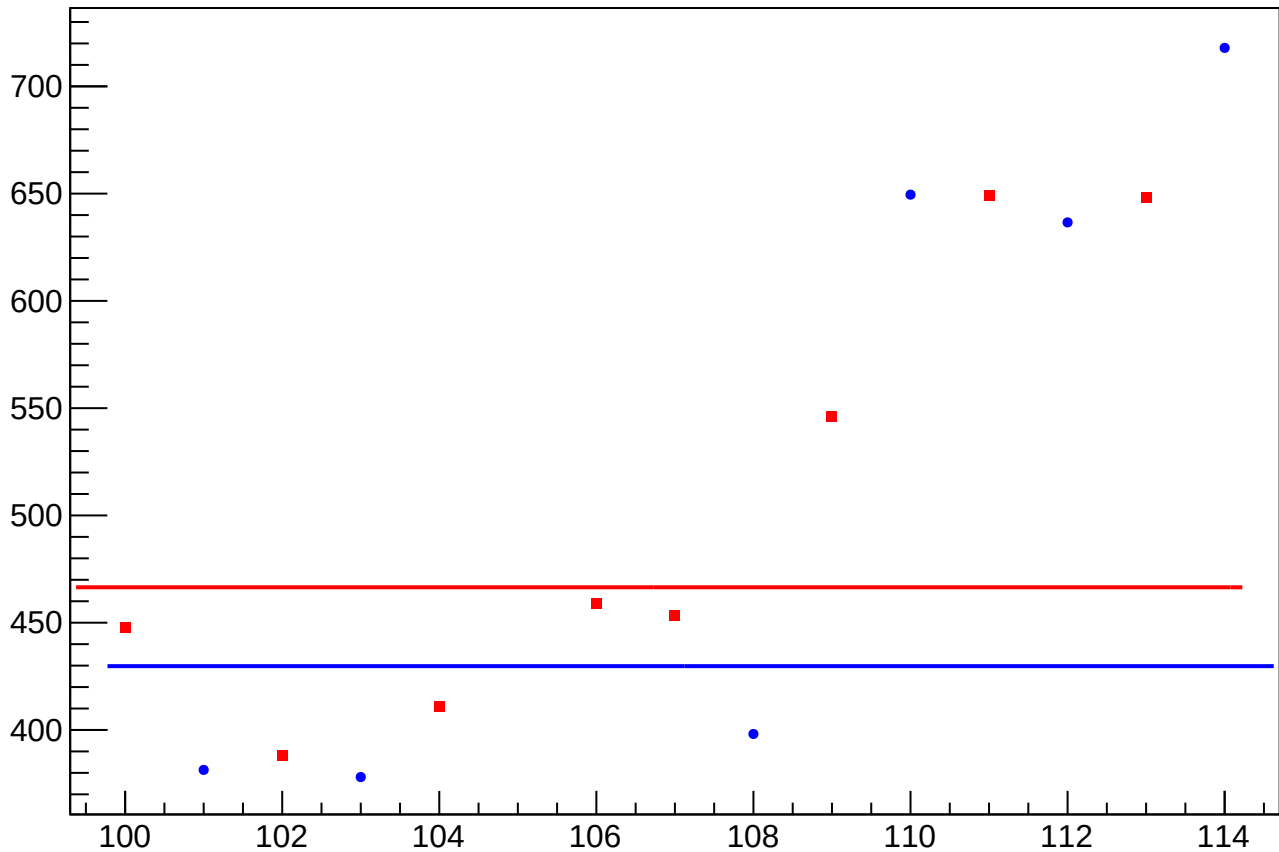
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.111 $\pm$ 189.492 χ^2 /NDF: 8.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 429.753+/-0.192 χ^2/NDF : 277280.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.507+/-0.187 χ^2/NDF : 240490.8/7

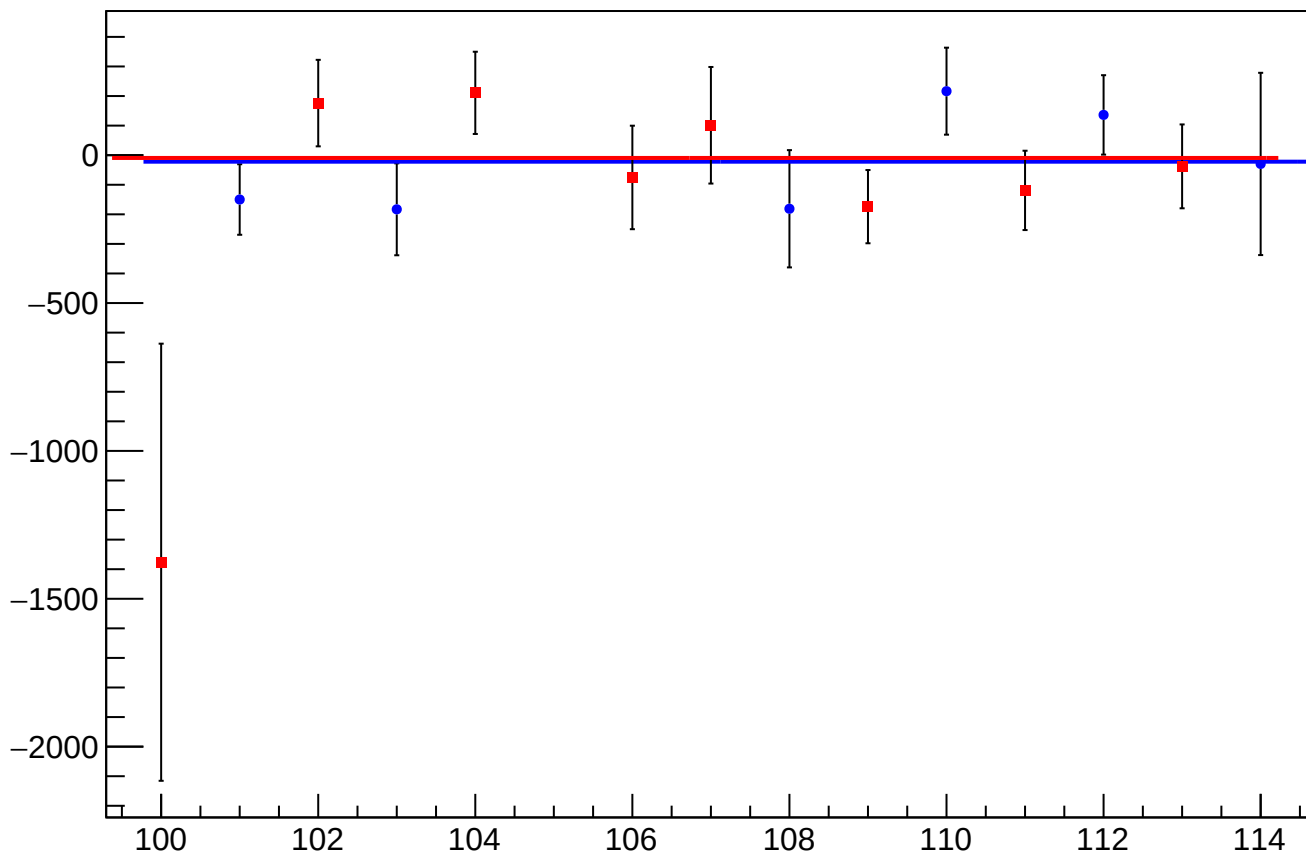
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.600+/-0.134 χ^2/NDF : 536568.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -21.976 ± 63.329 χ^2/NDF : 6.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.370 ± 55.109 χ^2/NDF : 10.5/7

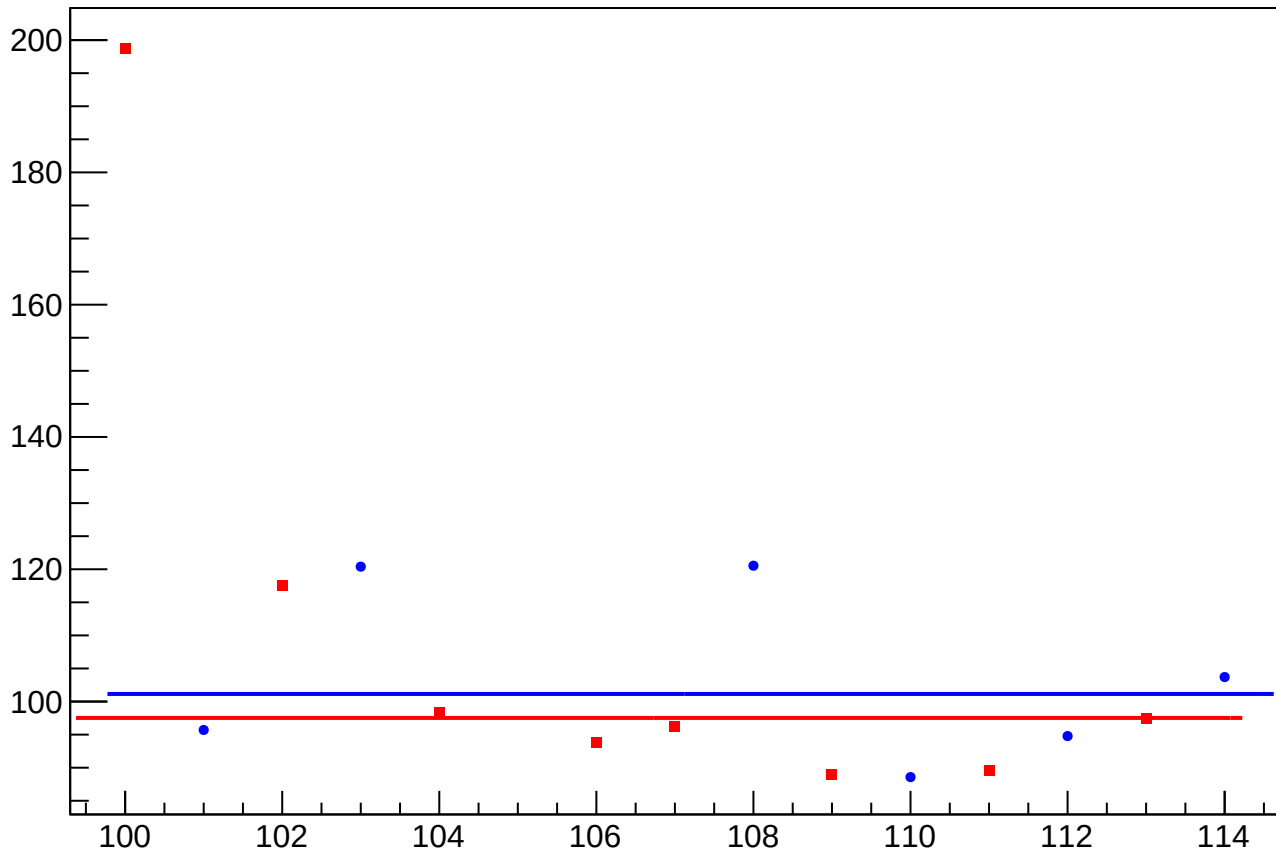
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.802 ± 41.573 χ^2/NDF : 17.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 101.149 $\pm$ 0.045 χ^2 /NDF: 73215.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.523 $\pm$ 0.039 χ^2 /NDF: 92623.5/7

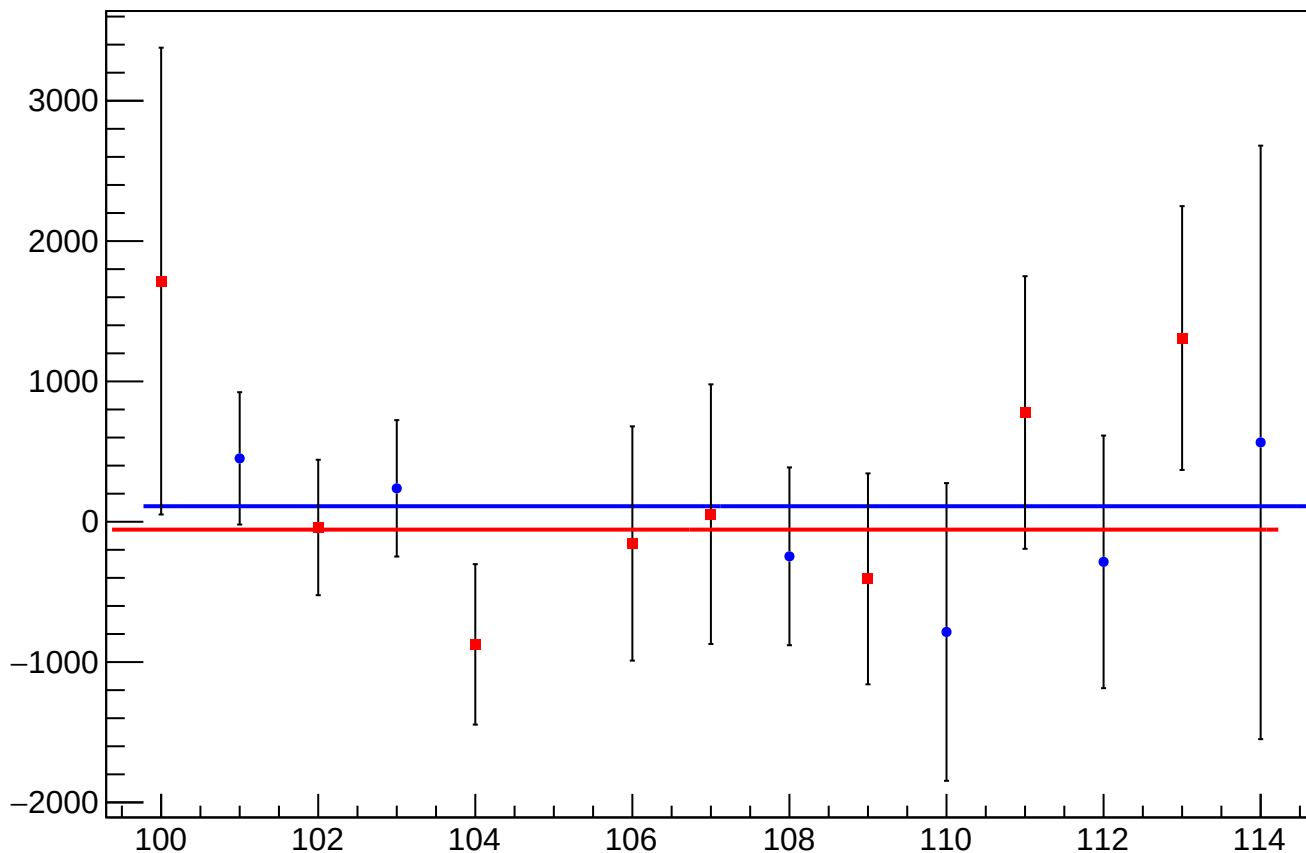
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.085 $\pm$ 0.029 χ^2 /NDF: 169569.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 110.612 $\pm$ 271.478 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.124 $\pm$ 264.616 χ^2 /NDF: 6.3/7

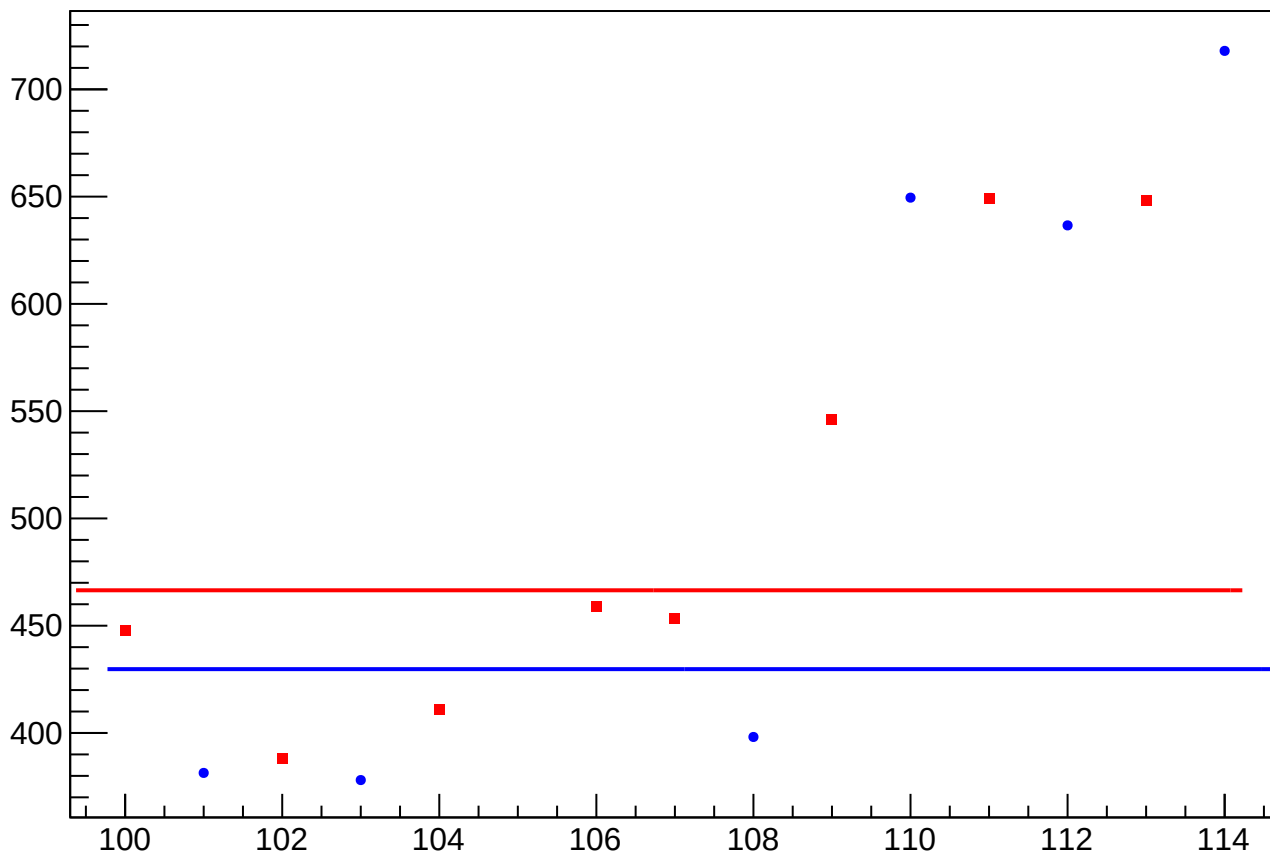
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.110 $\pm$ 189.491 χ^2 /NDF: 8.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 429.753+/-0.192 χ^2/NDF : 277282.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.506+/-0.187 χ^2/NDF : 240491.2/7

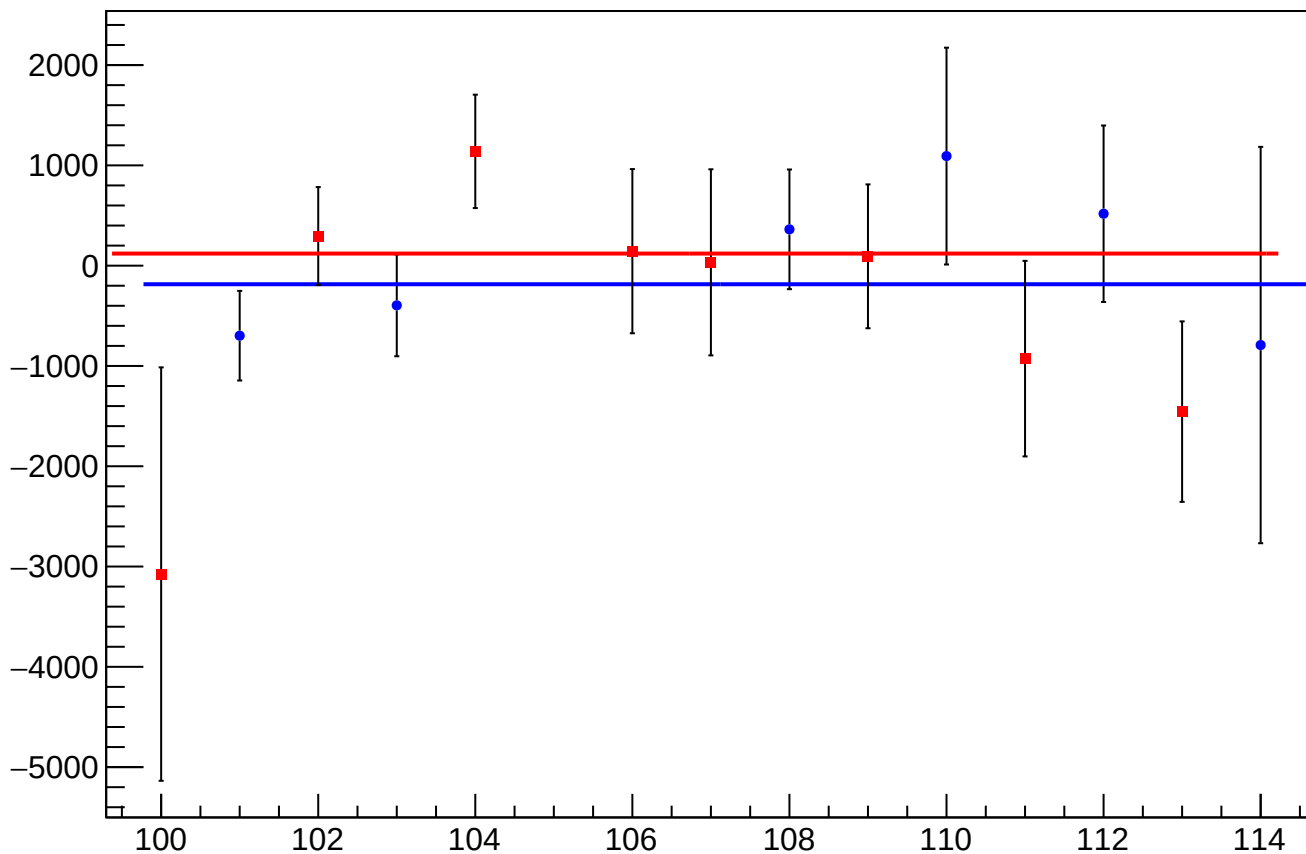
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.600+/-0.134 χ^2/NDF : 536571.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -185.238 $\pm$ 266.282 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.574 $\pm$ 263.117 χ^2 /NDF: 10.0/7

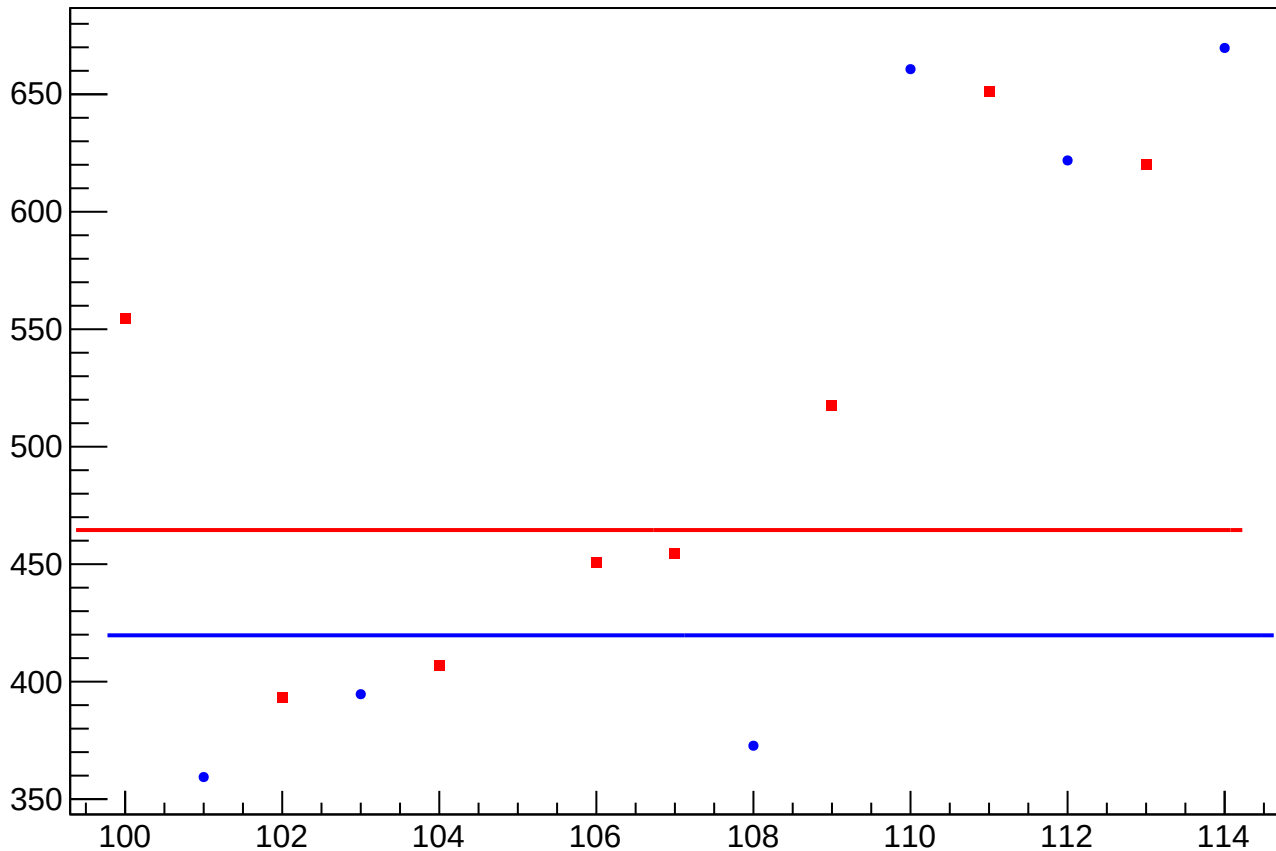
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.503 $\pm$ 187.161 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_rms vs Slug



Right In: 419.720 $\pm$ 0.188 χ^2 /NDF: 290753.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 464.528 $\pm$ 0.186 χ^2 /NDF: 212568.3/7

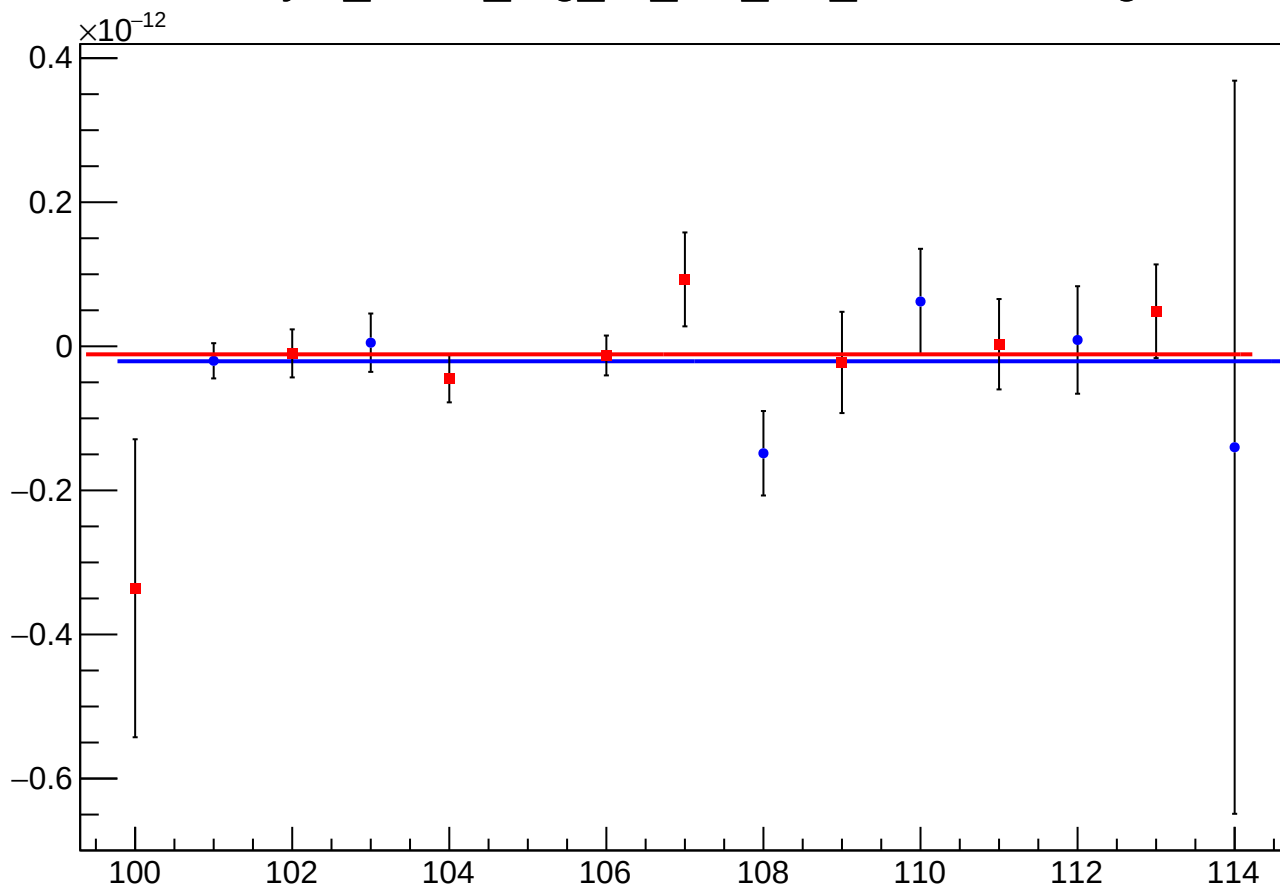
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 442.392 $\pm$ 0.132 χ^2 /NDF: 531975.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/7

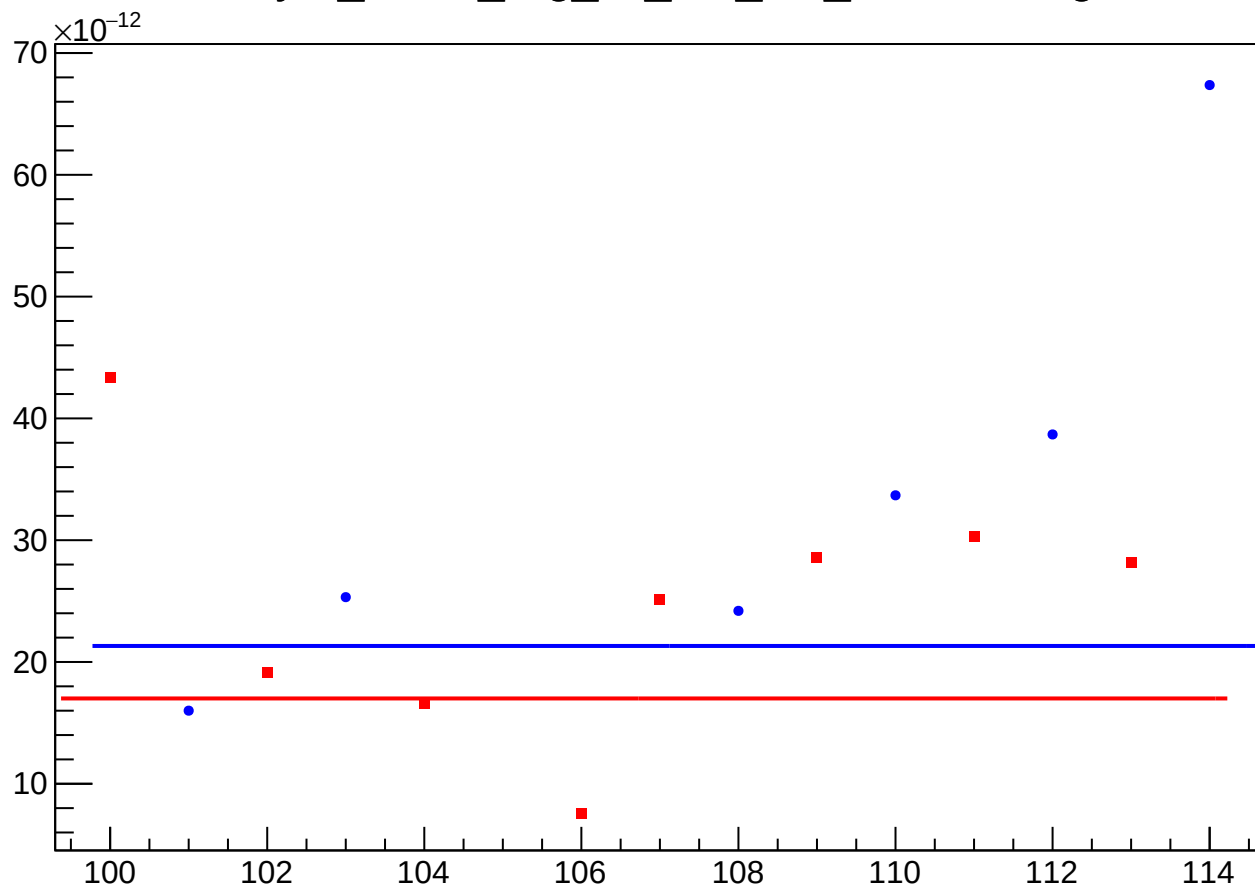
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 300836.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 507542.7/7

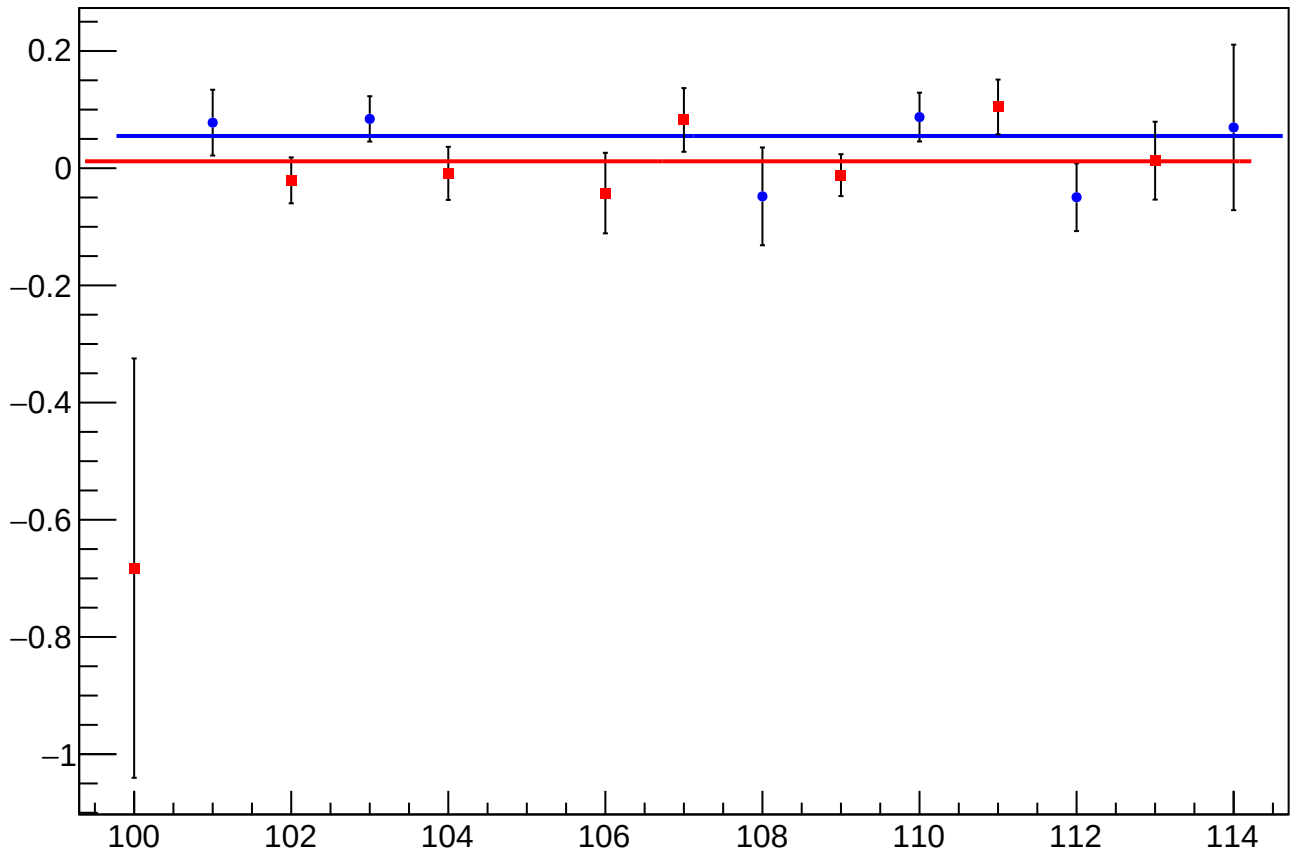
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 871968.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/7

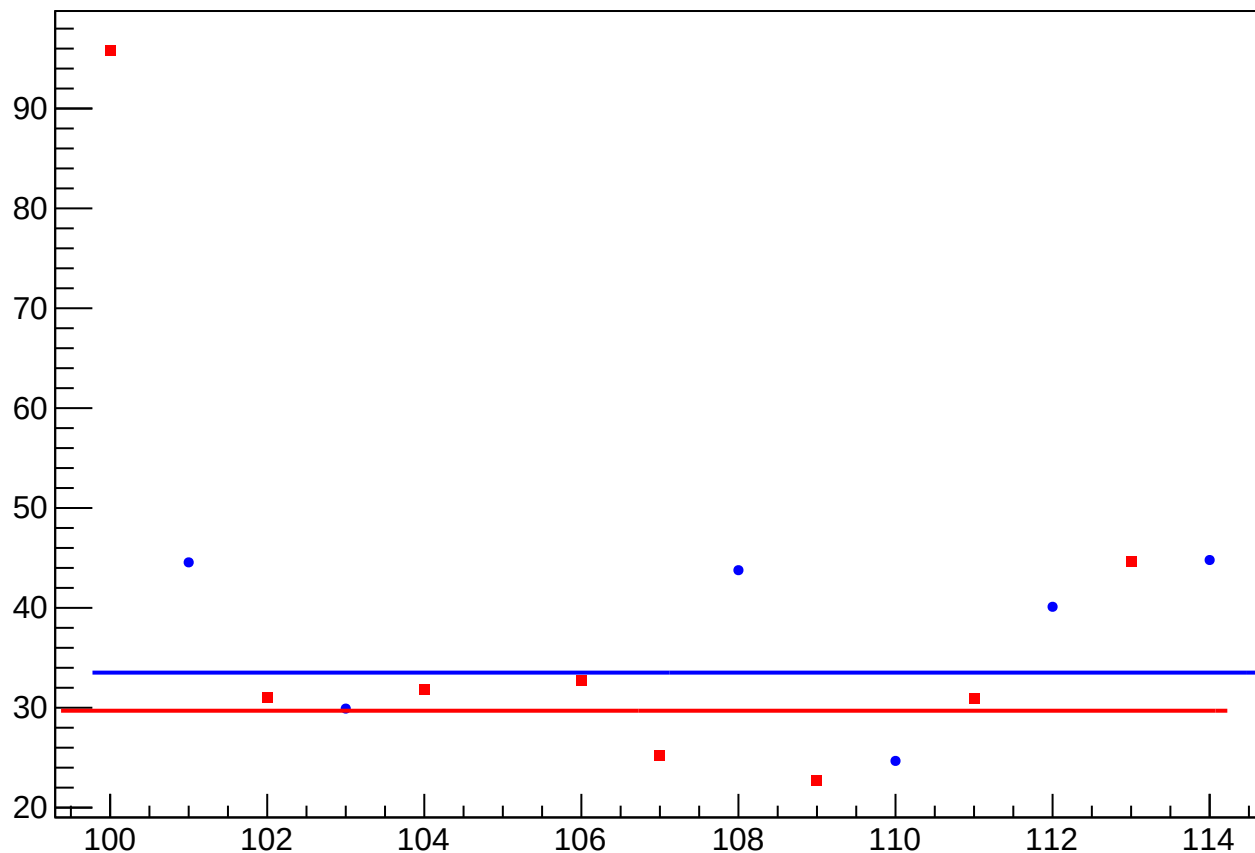
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.014 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 33.517 $\pm$ 0.016 χ^2 /NDF: 253874.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.701 $\pm$ 0.013 χ^2 /NDF: 271132.1/7

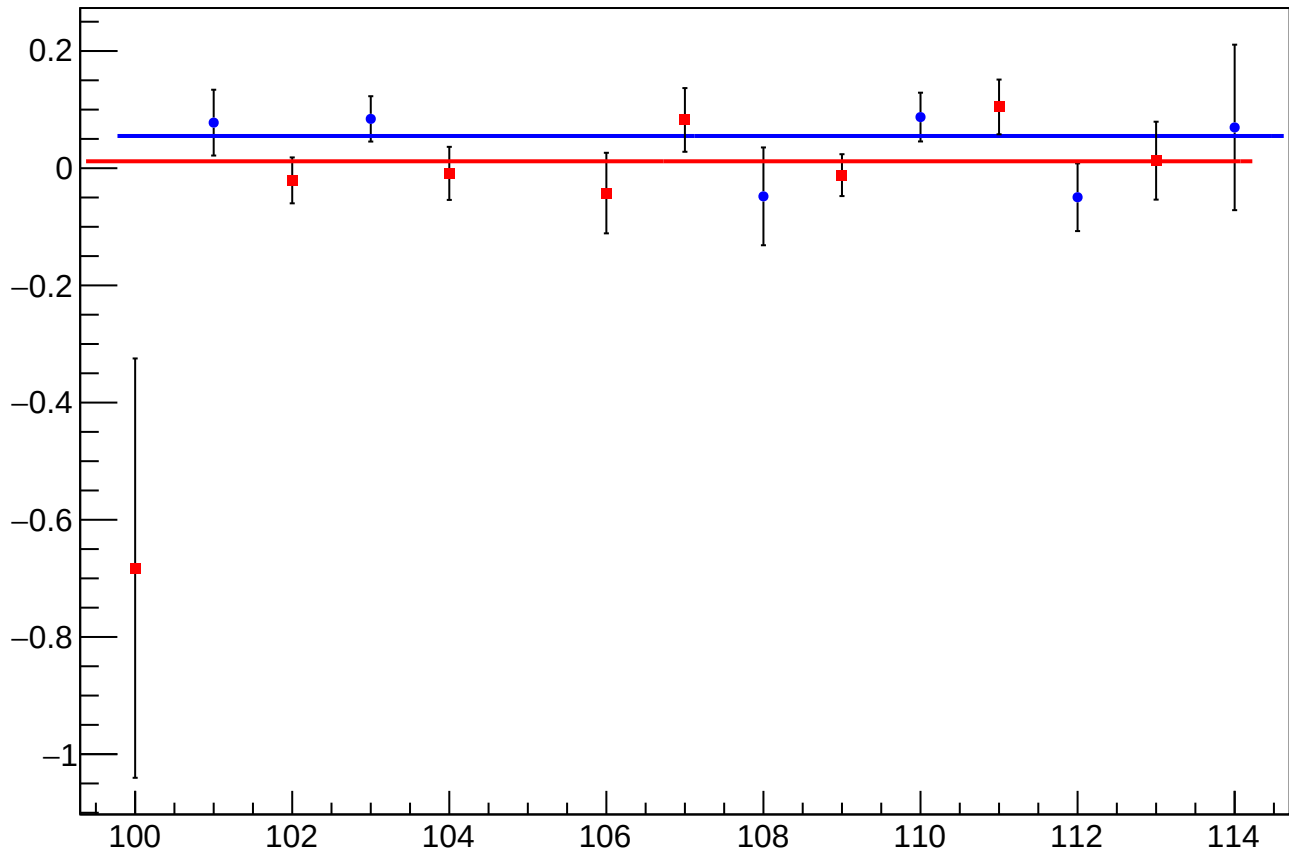
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.204 $\pm$ 0.010 χ^2 /NDF: 561308.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/7

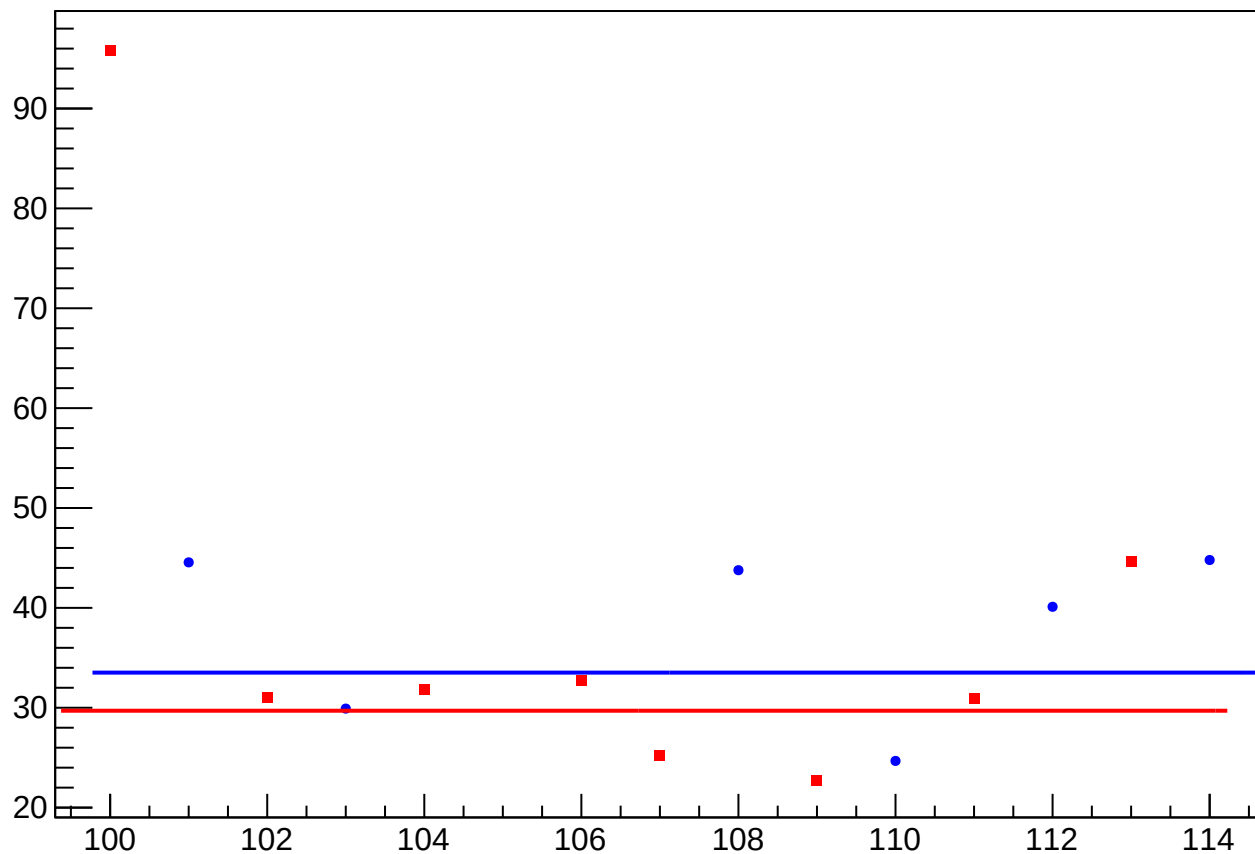
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.014 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 33.517 $\pm$ 0.016 χ^2 /NDF: 253874.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.701 $\pm$ 0.013 χ^2 /NDF: 271132.1/7

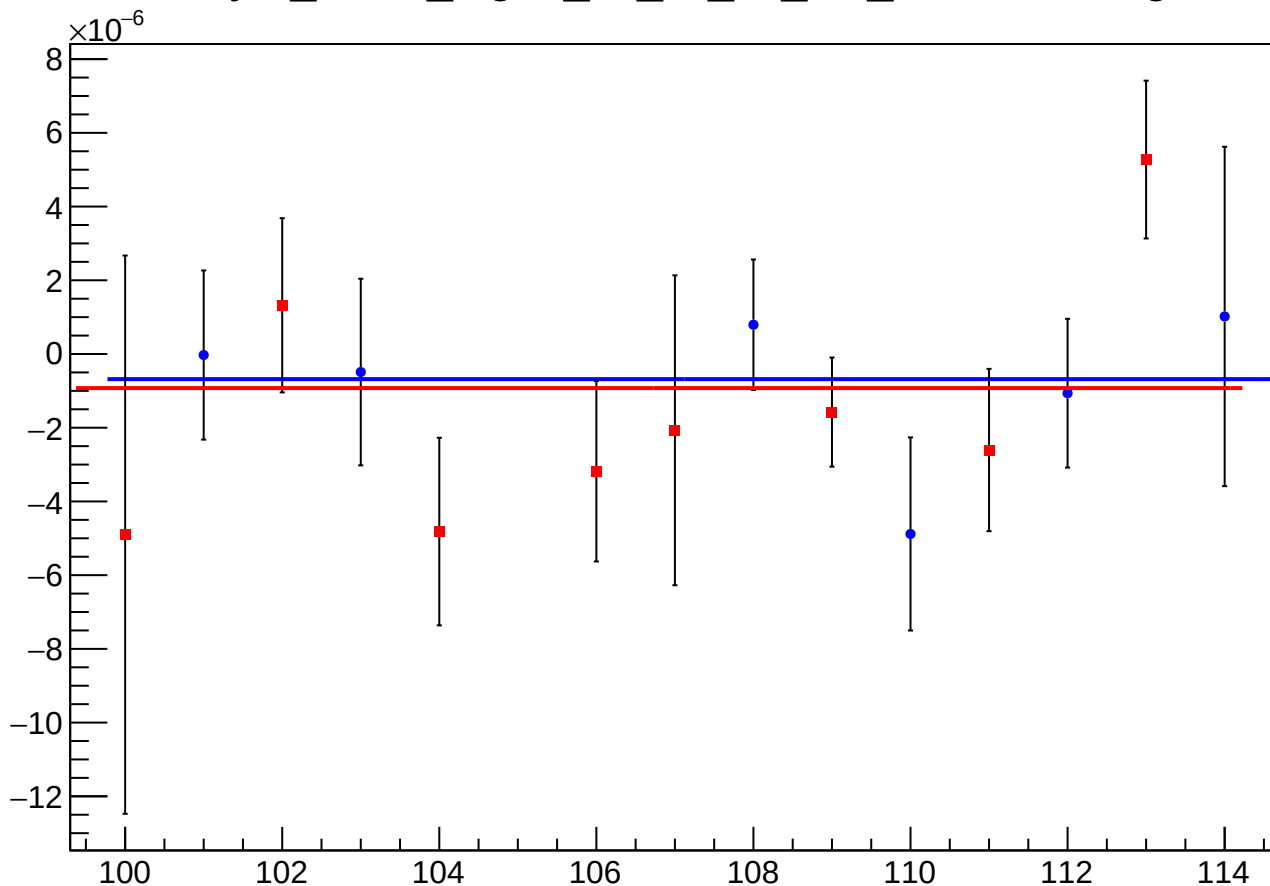
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.204 $\pm$ 0.010 χ^2 /NDF: 561308.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/7

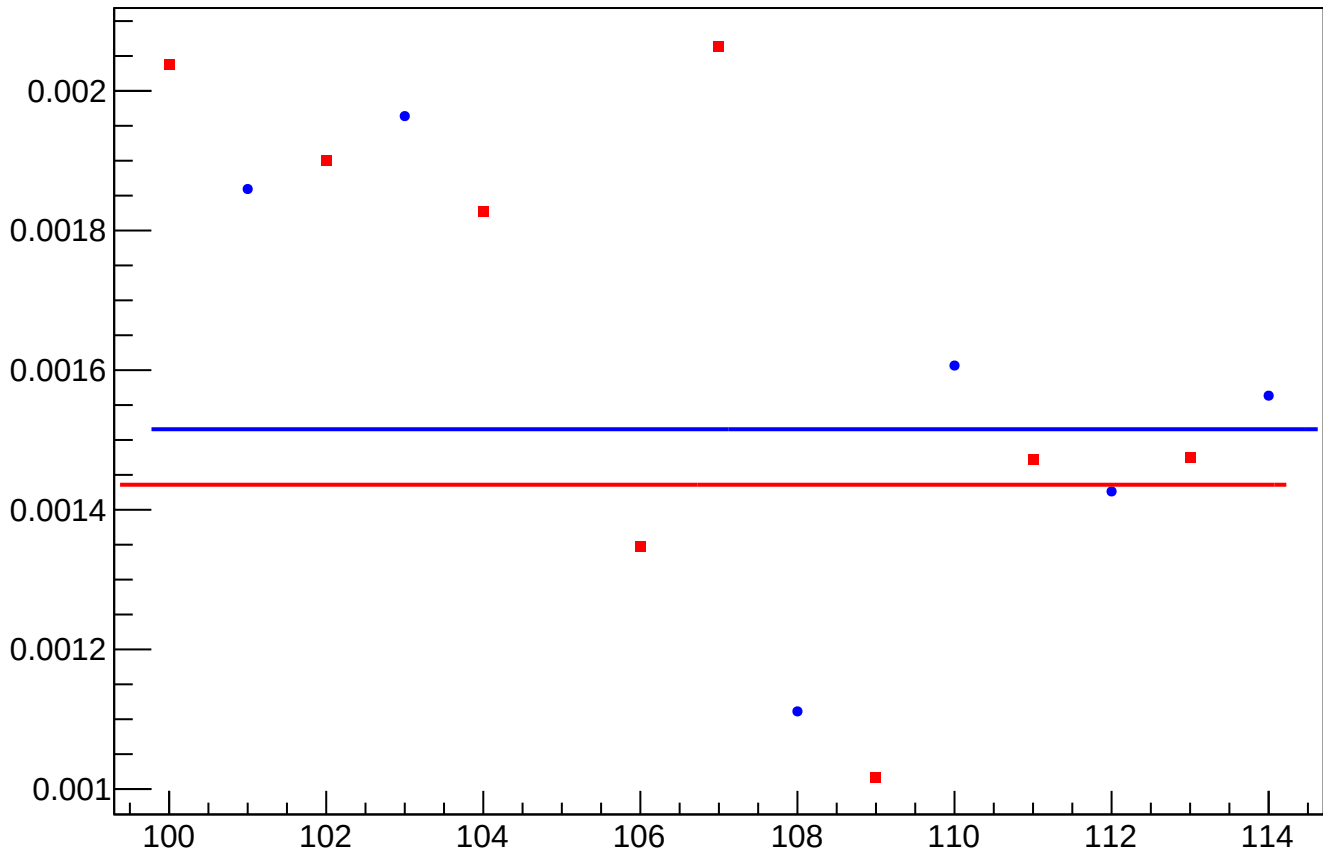
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 218558.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 345600.4/7

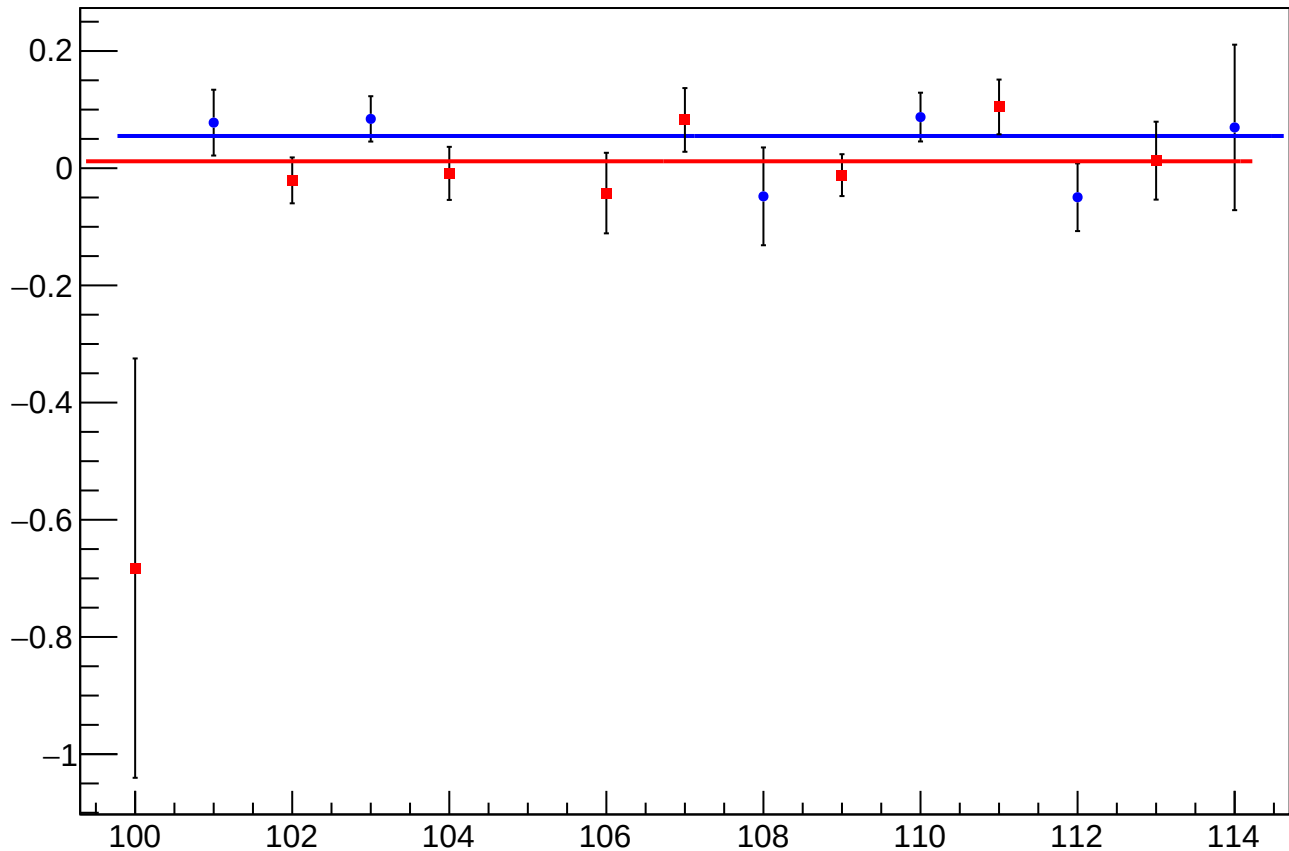
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 572088.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/7

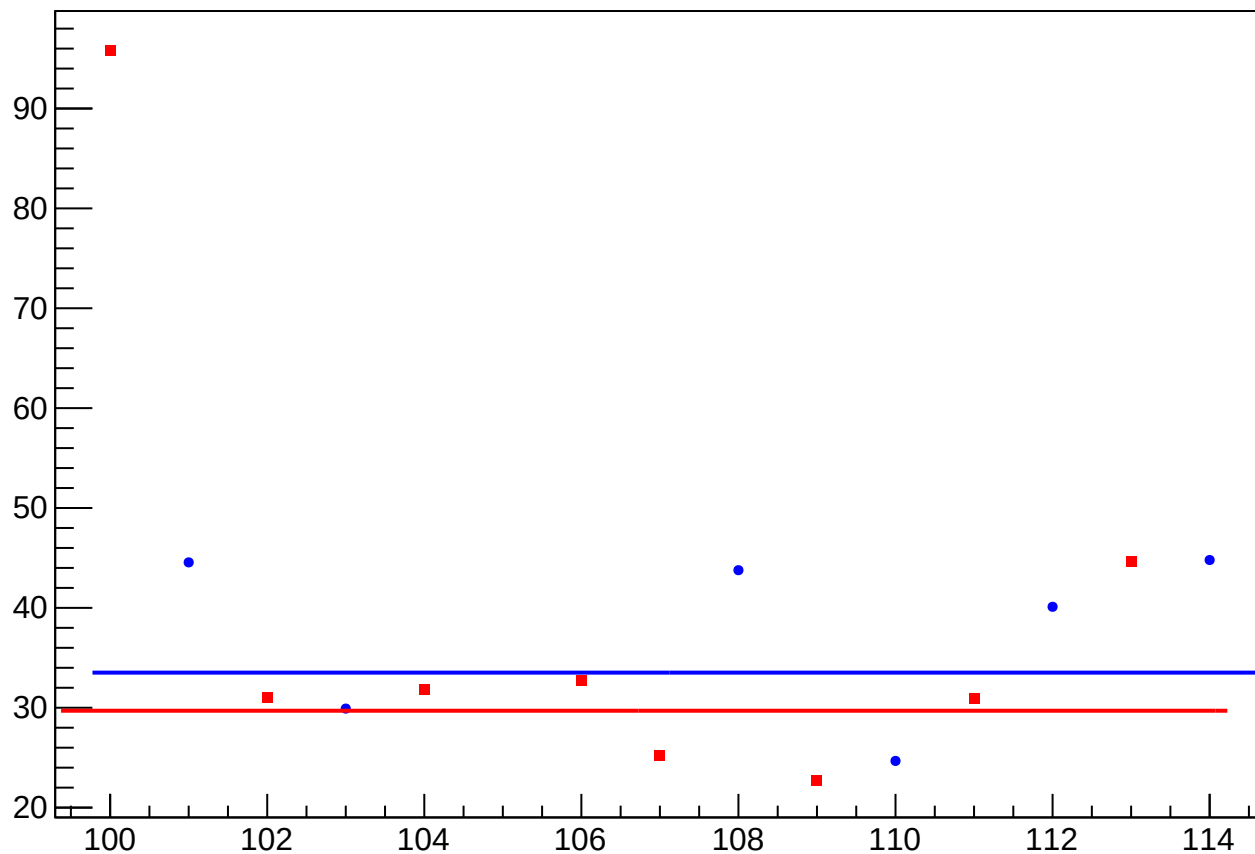
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.014 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 33.517 $\pm$ 0.016 χ^2 /NDF: 253873.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.701 $\pm$ 0.013 χ^2 /NDF: 271134.5/7

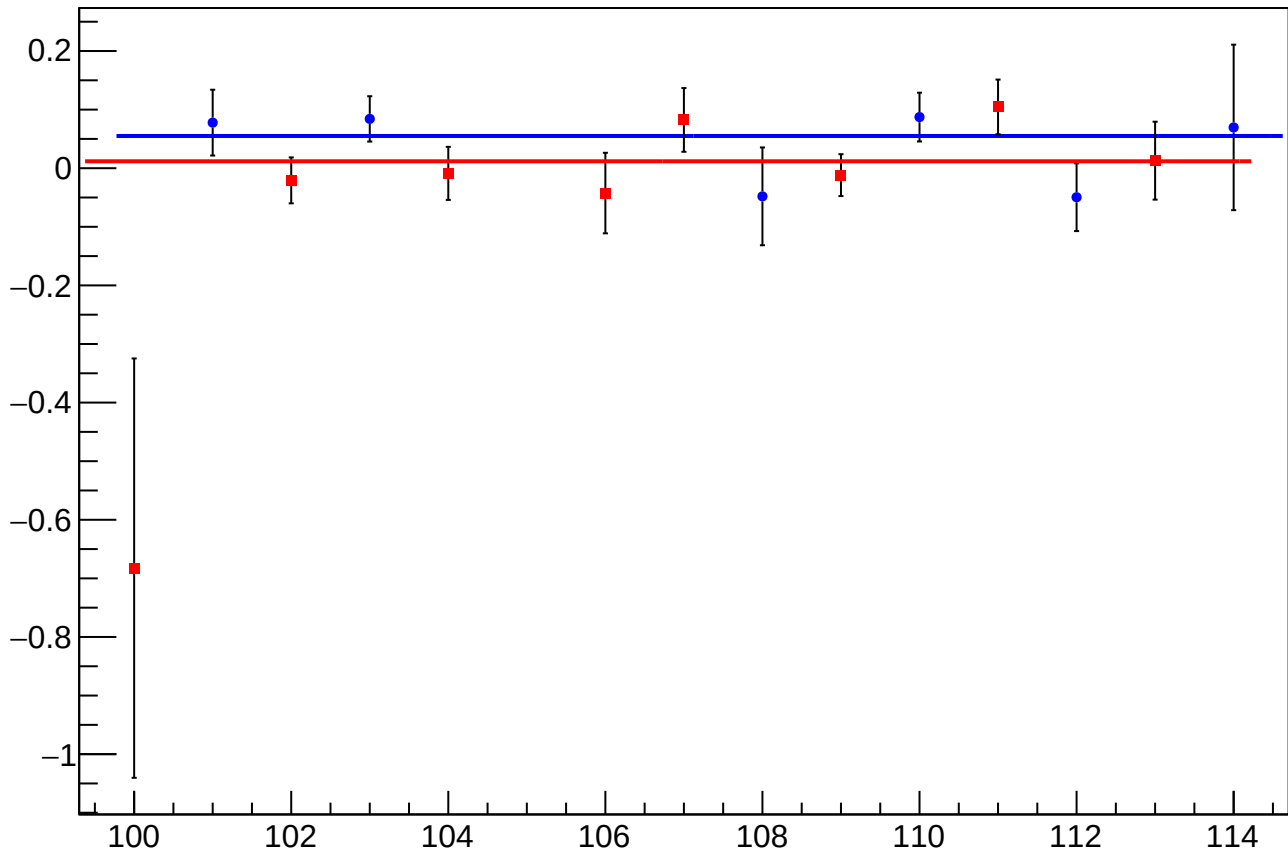
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.203 $\pm$ 0.010 χ^2 /NDF: 561306.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/7

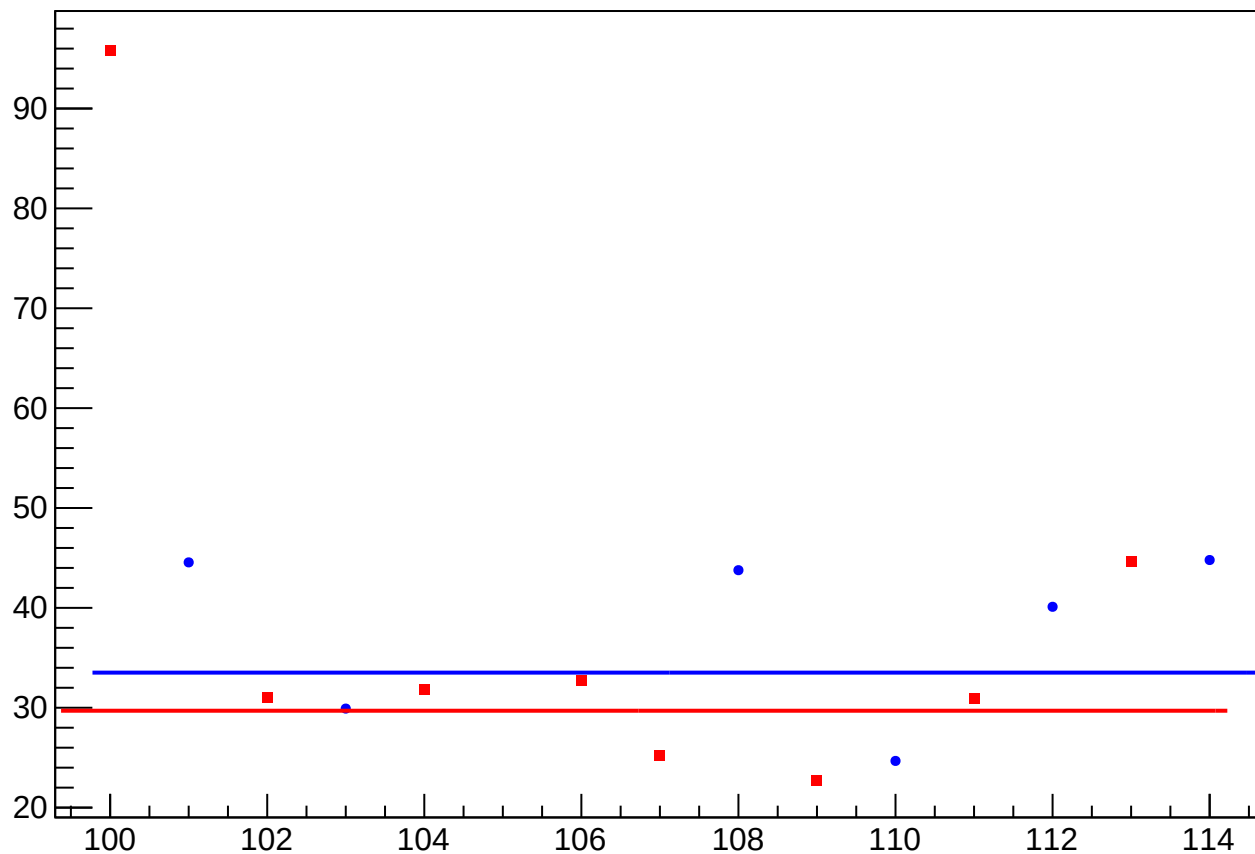
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.014 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 33.517 $\pm$ 0.016 χ^2 /NDF: 253873.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.701 $\pm$ 0.013 χ^2 /NDF: 271134.5/7

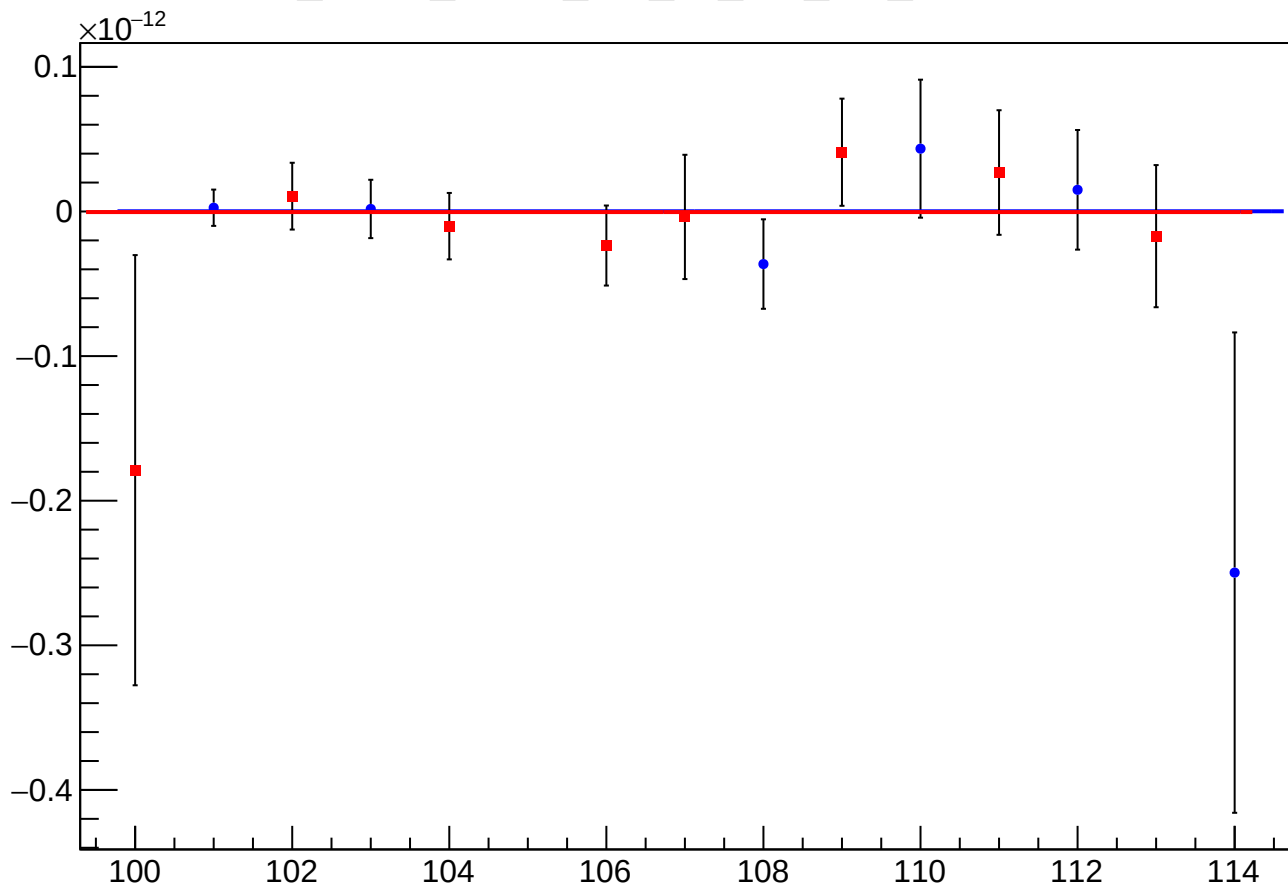
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.203 $\pm$ 0.010 χ^2 /NDF: 561306.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 4.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.3/7

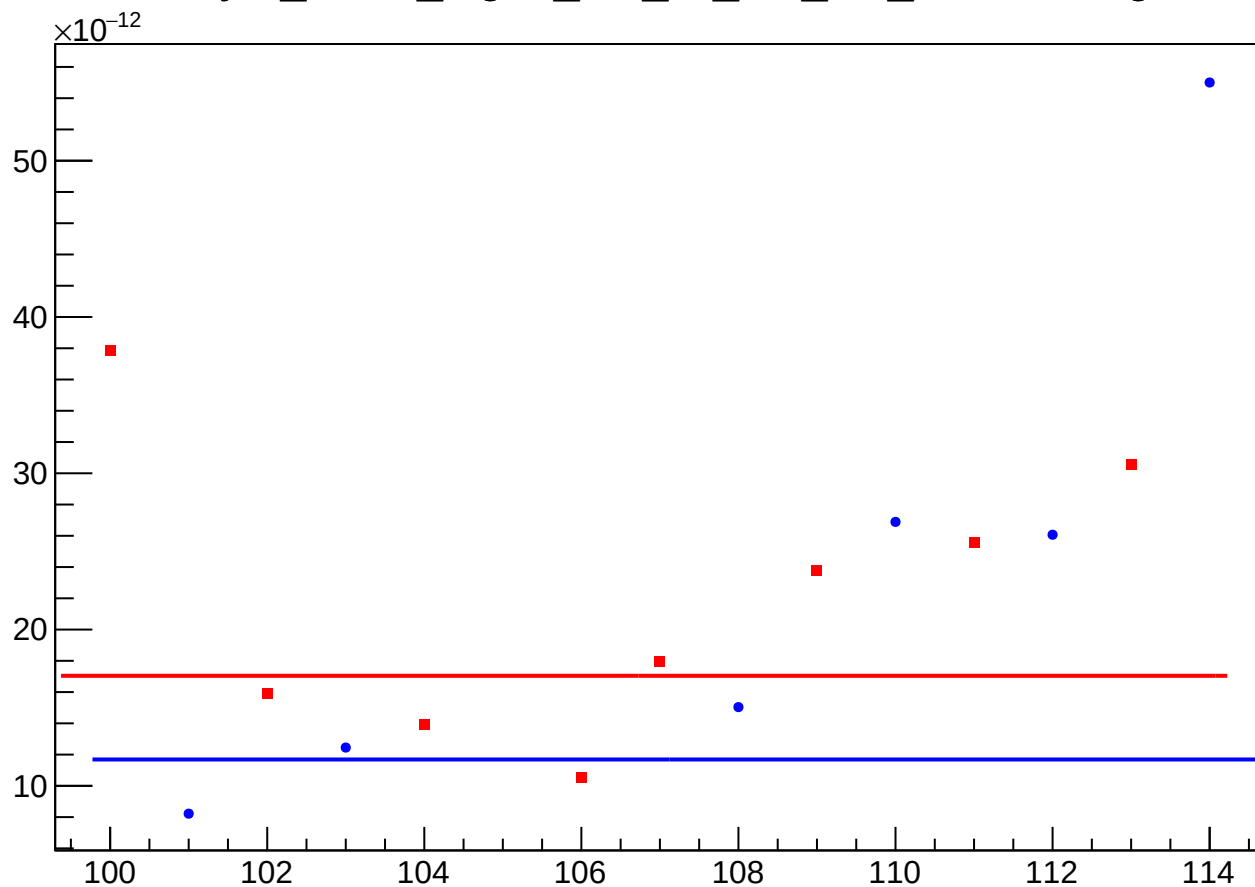
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 9.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 759654.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 489136.9/7

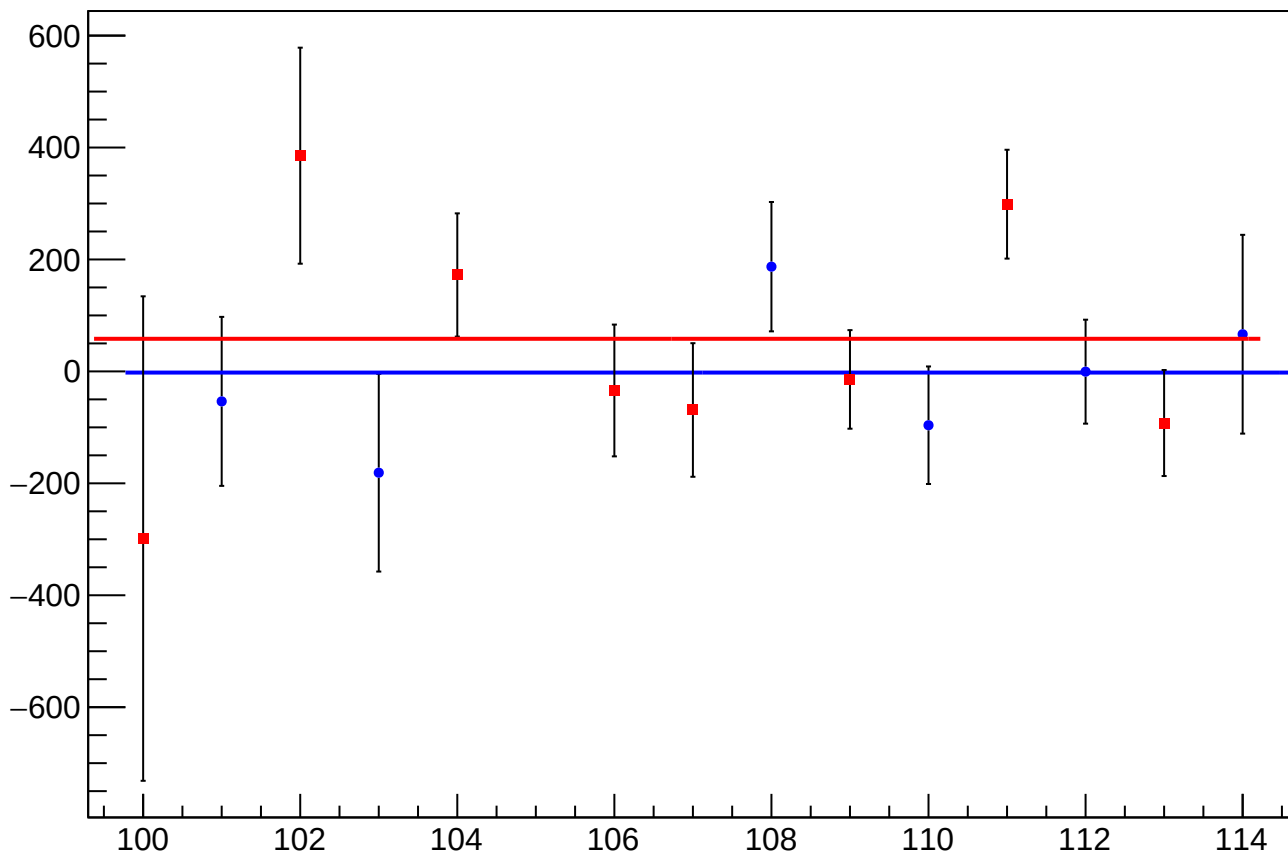
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1500479.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -2.095 ± 50.695 χ^2/NDF : 4.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 58.250 ± 40.718 χ^2/NDF : 15.7/7

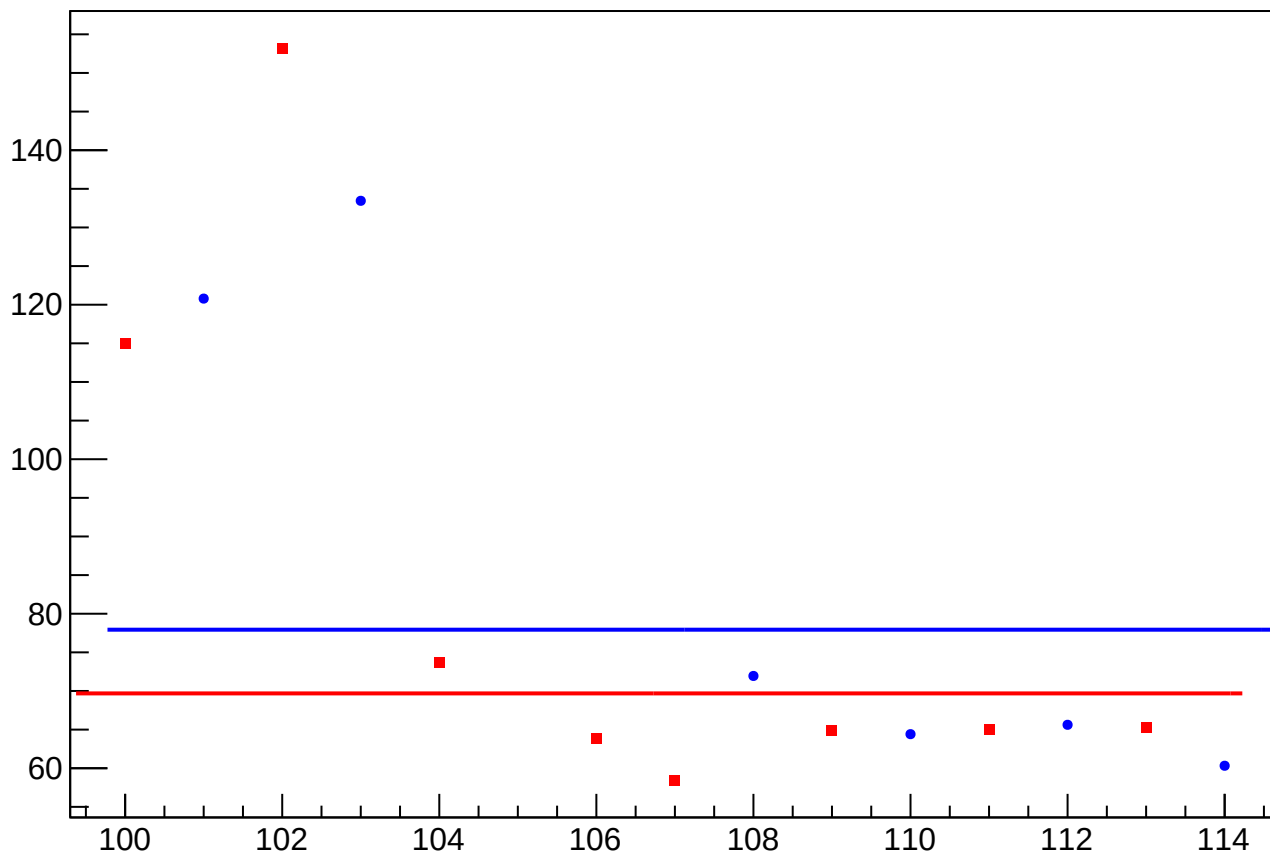
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.587 ± 31.746 χ^2/NDF : 21.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 77.933+/-0.036 χ^2/NDF : 452070.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.686+/-0.029 χ^2/NDF : 435785.5/7

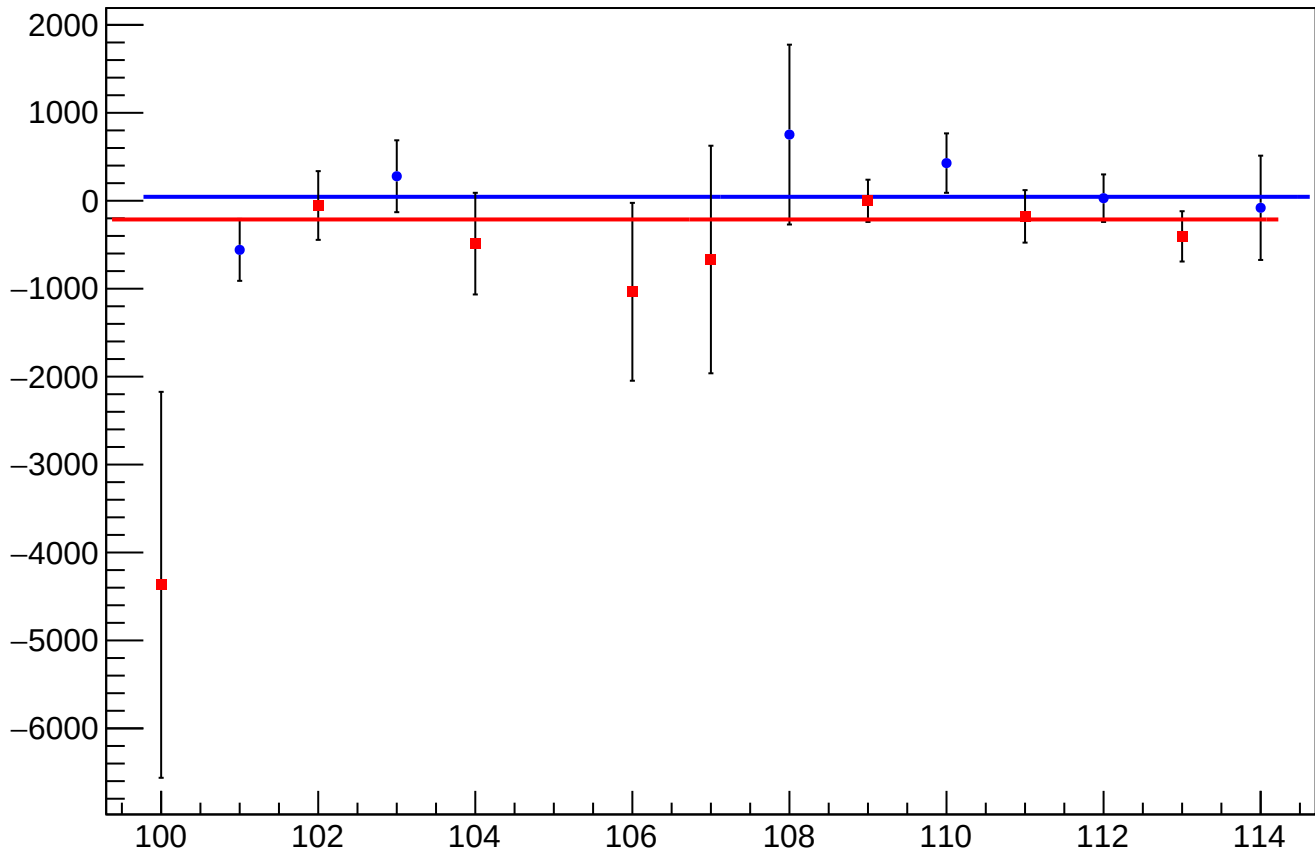
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.920+/-0.022 χ^2/NDF : 920024.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: 44.916+/-157.515 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.653+/-138.499 χ^2/NDF : 6.0/7

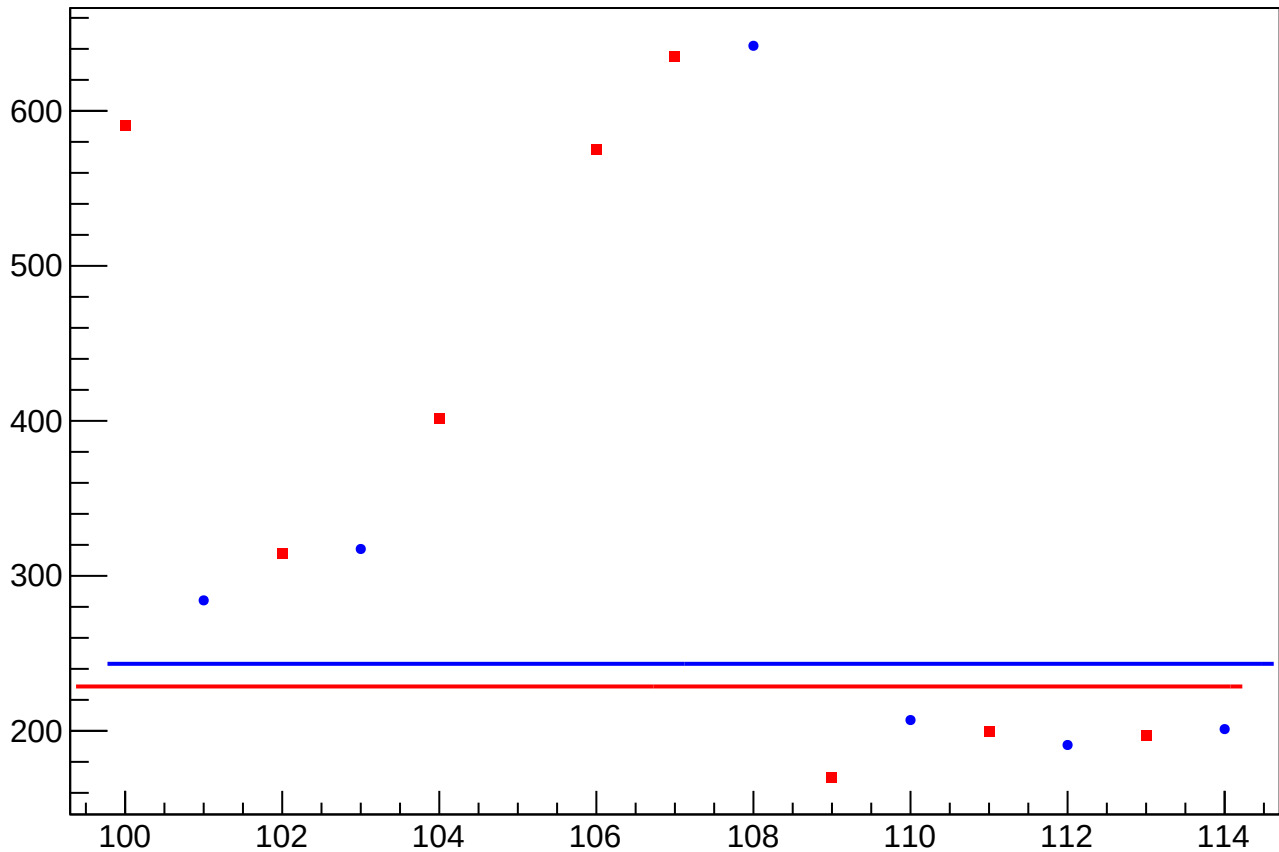
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.348+/-104.010 χ^2/NDF : 12.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 243.257 $\pm$ 0.111 χ^2 /NDF: 505100.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.637 $\pm$ 0.098 χ^2 /NDF: 924671.2/7

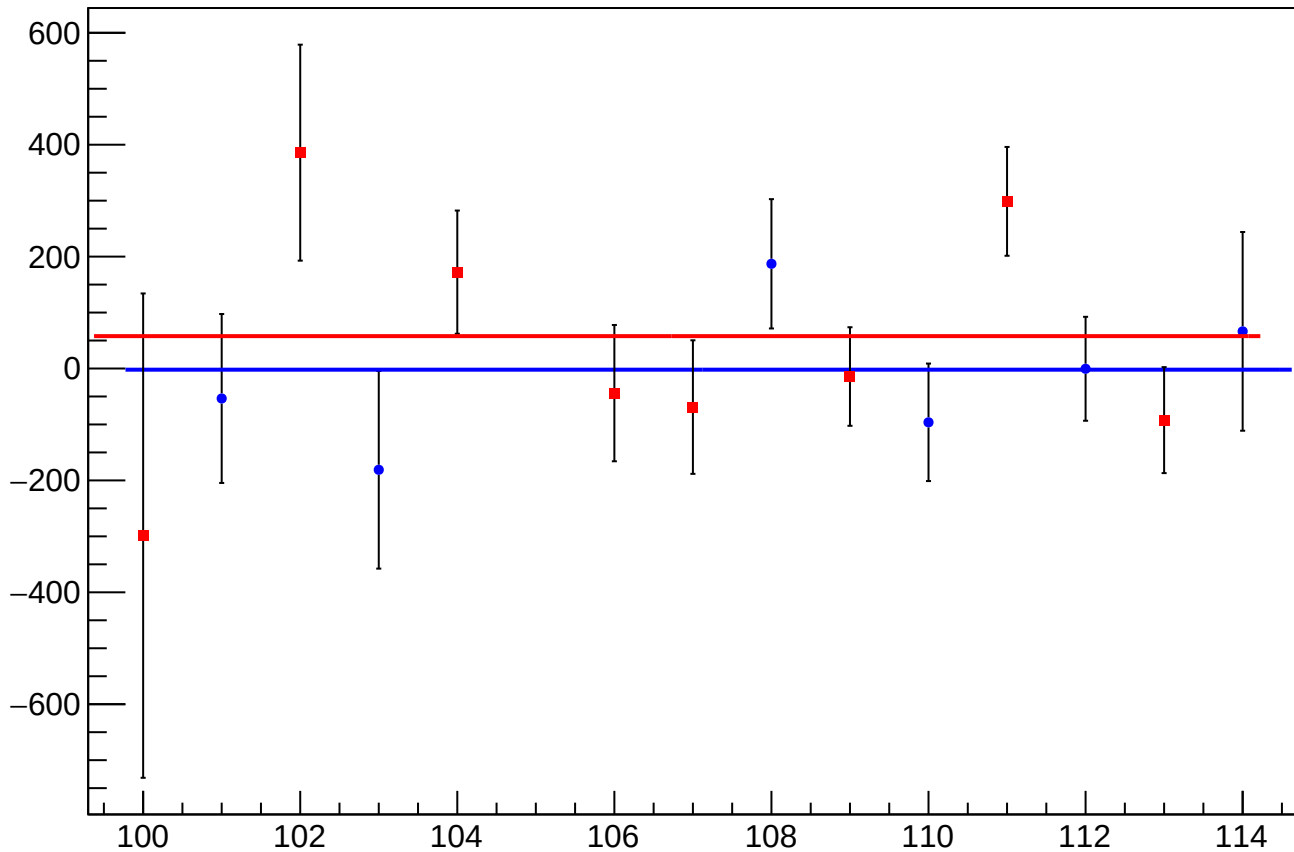
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.012 $\pm$ 0.074 χ^2 /NDF: 1439488.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam7_mean vs Slug



Right In: -2.097 ± 50.695 χ^2/NDF : 4.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.875 ± 40.879 χ^2/NDF : 15.8/7

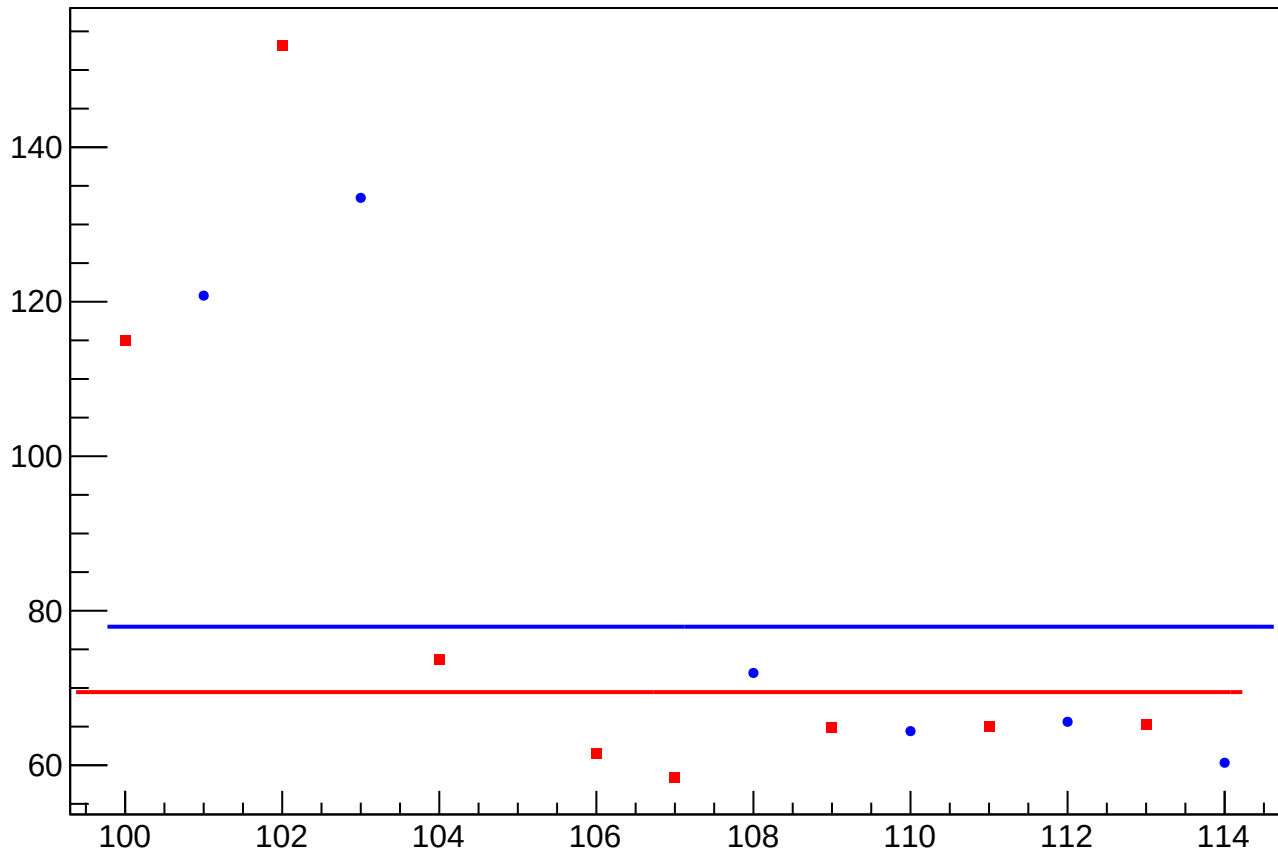
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.245 ± 31.822 χ^2/NDF : 21.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 77.933+/-0.036 χ^2/NDF : 452070.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.466+/-0.029 χ^2/NDF : 439861.5/7

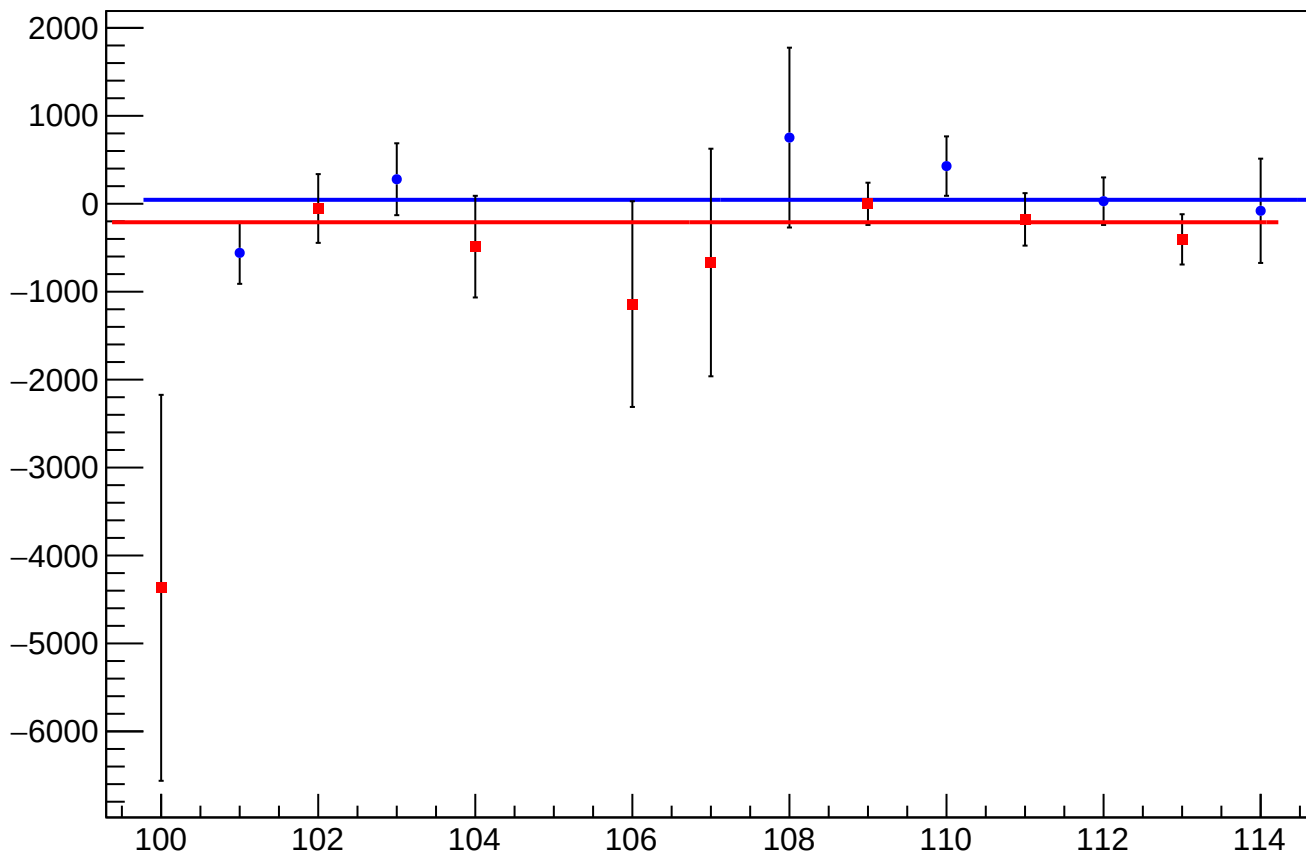
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.802+/-0.023 χ^2/NDF : 925737.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_cor_correction_mean vs Slug



Right In: 44.923+/-157.517 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.242+/-138.835 χ^2/NDF : 6.0/7

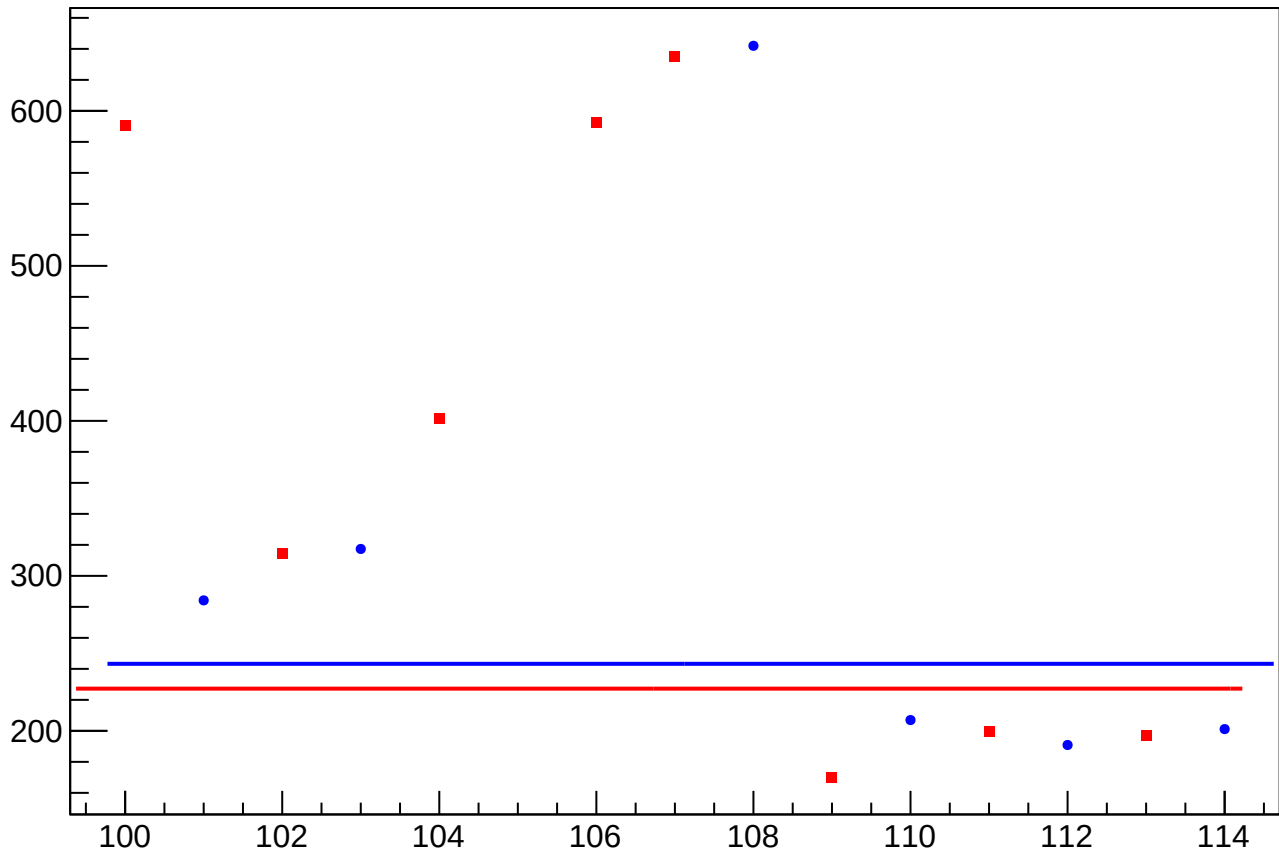
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.681+/-104.153 χ^2/NDF : 12.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 243.259 $\pm$ 0.111 χ^2 /NDF: 505129.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 227.251 $\pm$ 0.098 χ^2 /NDF: 884098.8/7

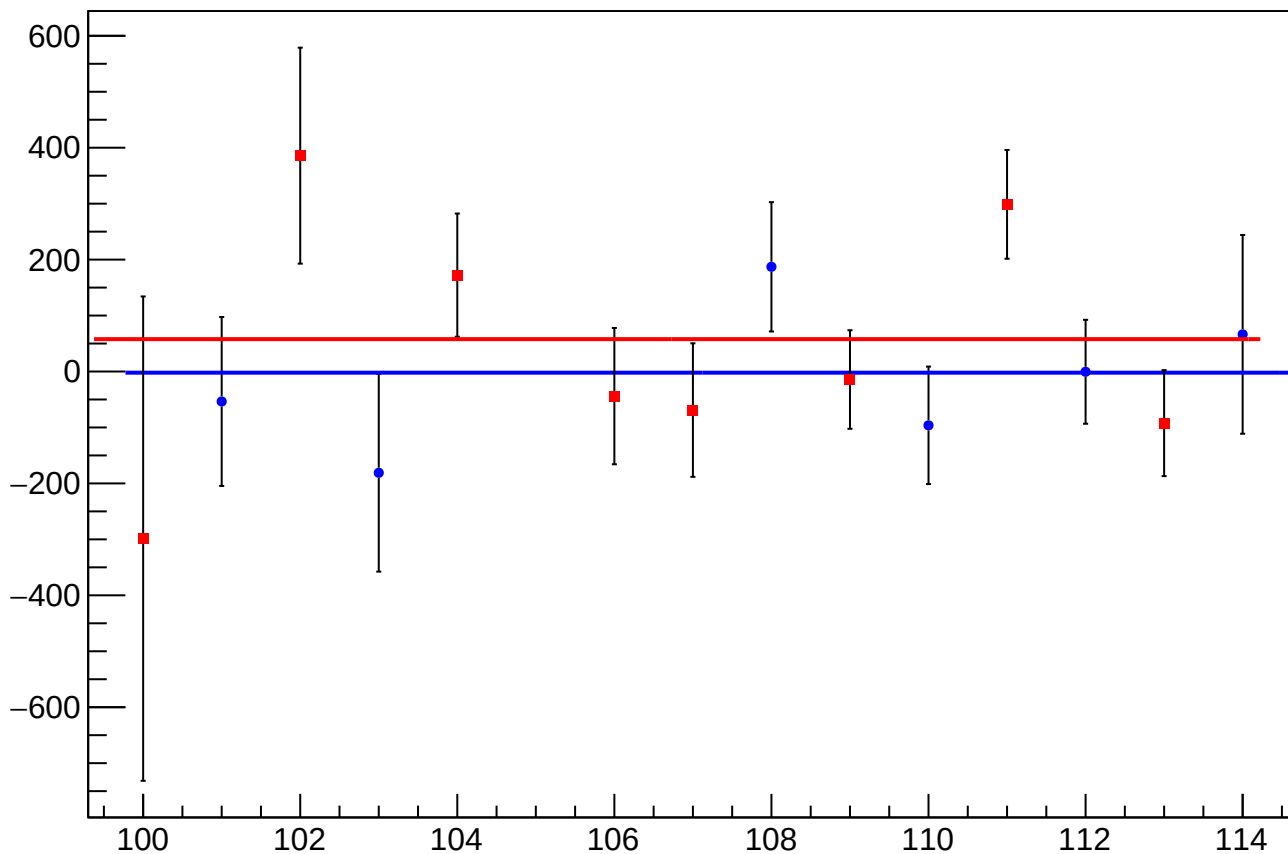
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.250 $\pm$ 0.074 χ^2 /NDF: 1400852.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: -2.097 ± 50.695 χ^2/NDF : 4.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.875 ± 40.879 χ^2/NDF : 15.8/7

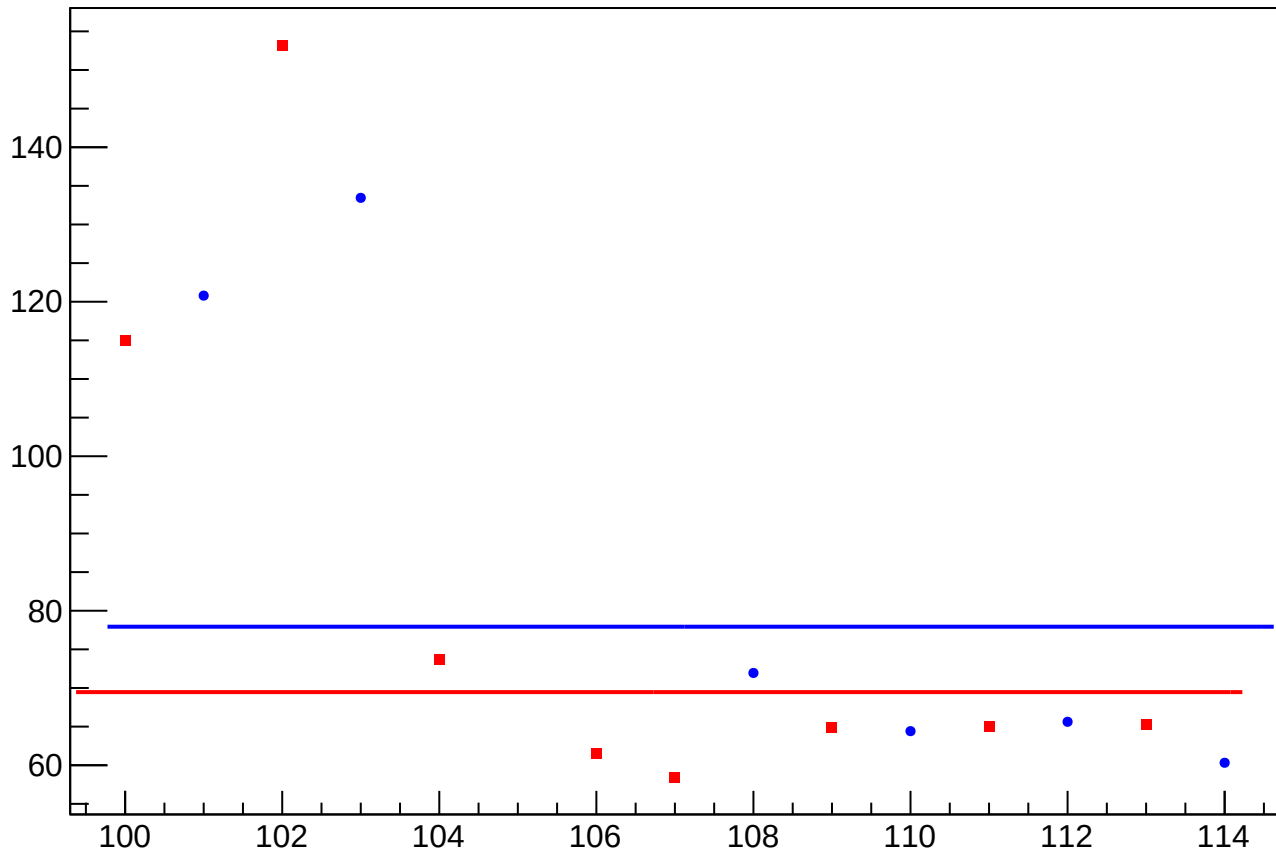
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.245 ± 31.822 χ^2/NDF : 21.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 77.933+/-0.036 χ^2/NDF : 452070.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.466+/-0.029 χ^2/NDF : 439861.5/7

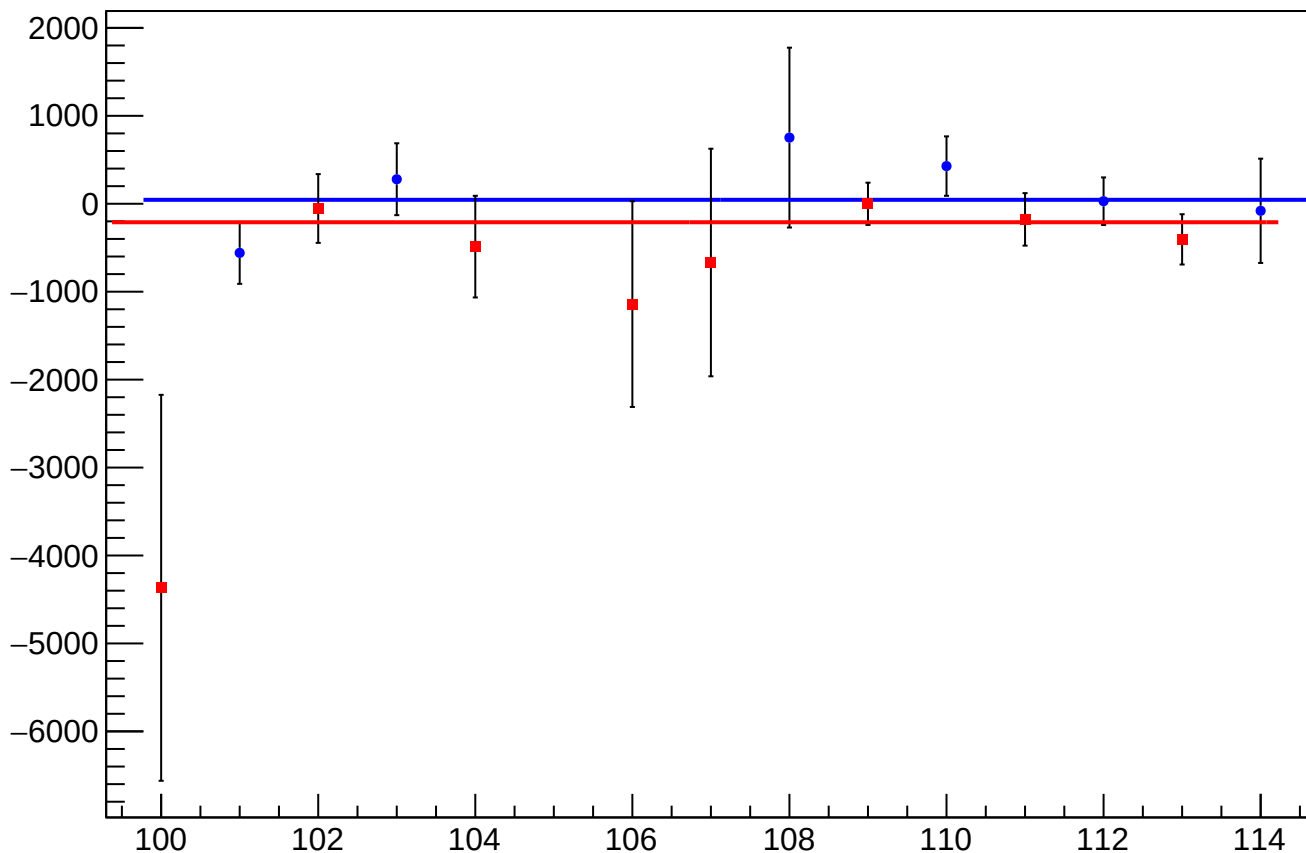
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.802+/-0.023 χ^2/NDF : 925737.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



Right In: 44.923+/-157.517 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.242+/-138.835 χ^2/NDF : 6.0/7

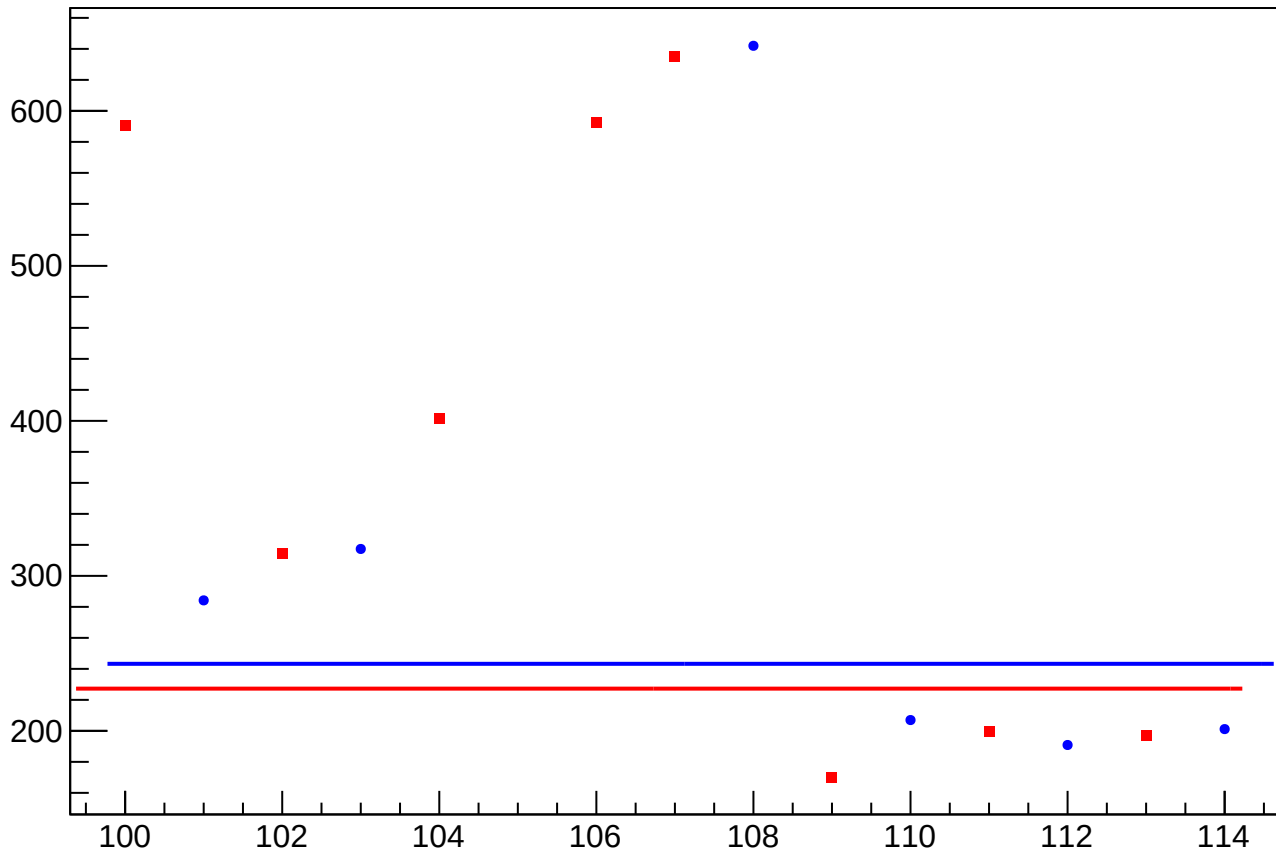
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.681+/-104.153 χ^2/NDF : 12.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 243.259 $\pm$ 0.111 χ^2 /NDF: 505129.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 227.251 $\pm$ 0.098 χ^2 /NDF: 884098.8/7

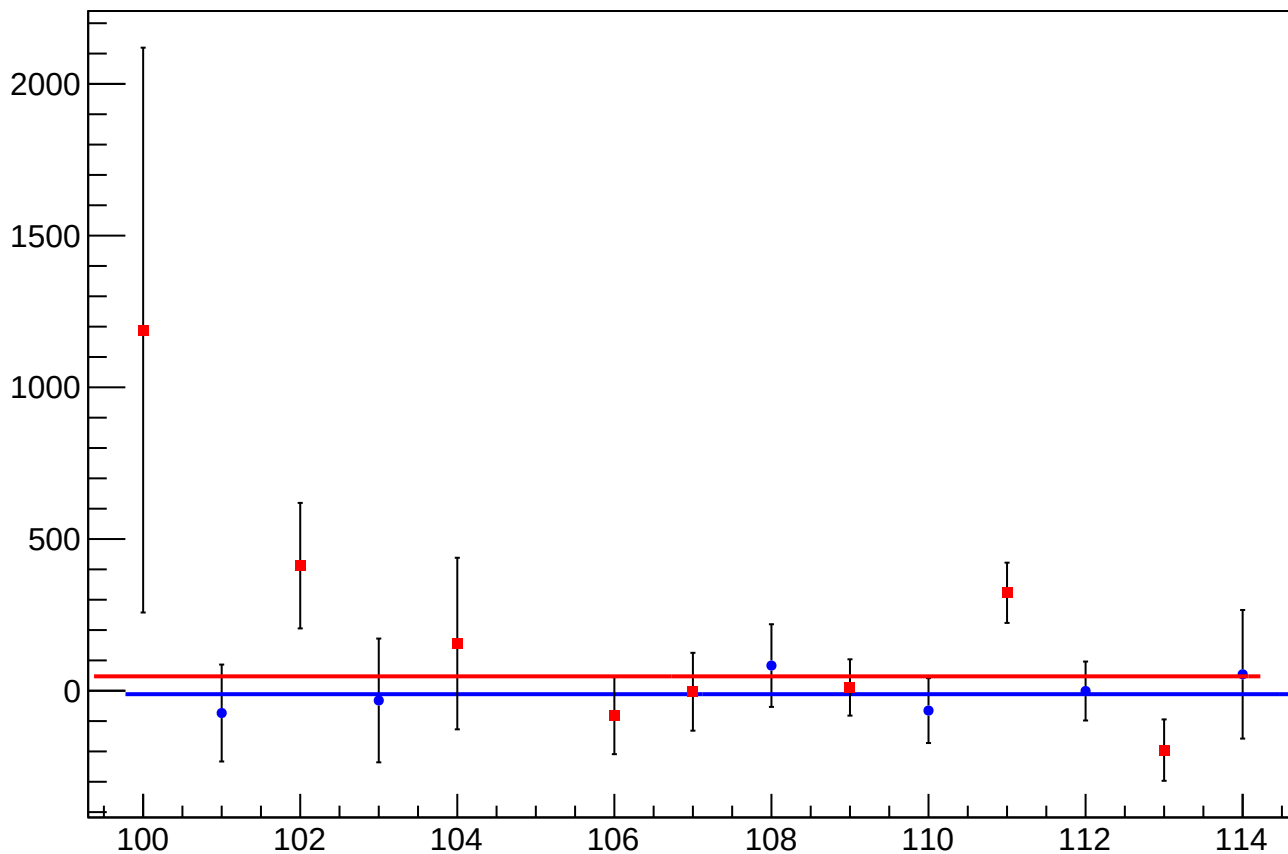
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.250 $\pm$ 0.074 χ^2 /NDF: 1400852.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam7_mean vs Slug



Right In: -11.333 ± 54.819 χ^2/NDF : 1.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.488 ± 45.881 χ^2/NDF : 19.6/7

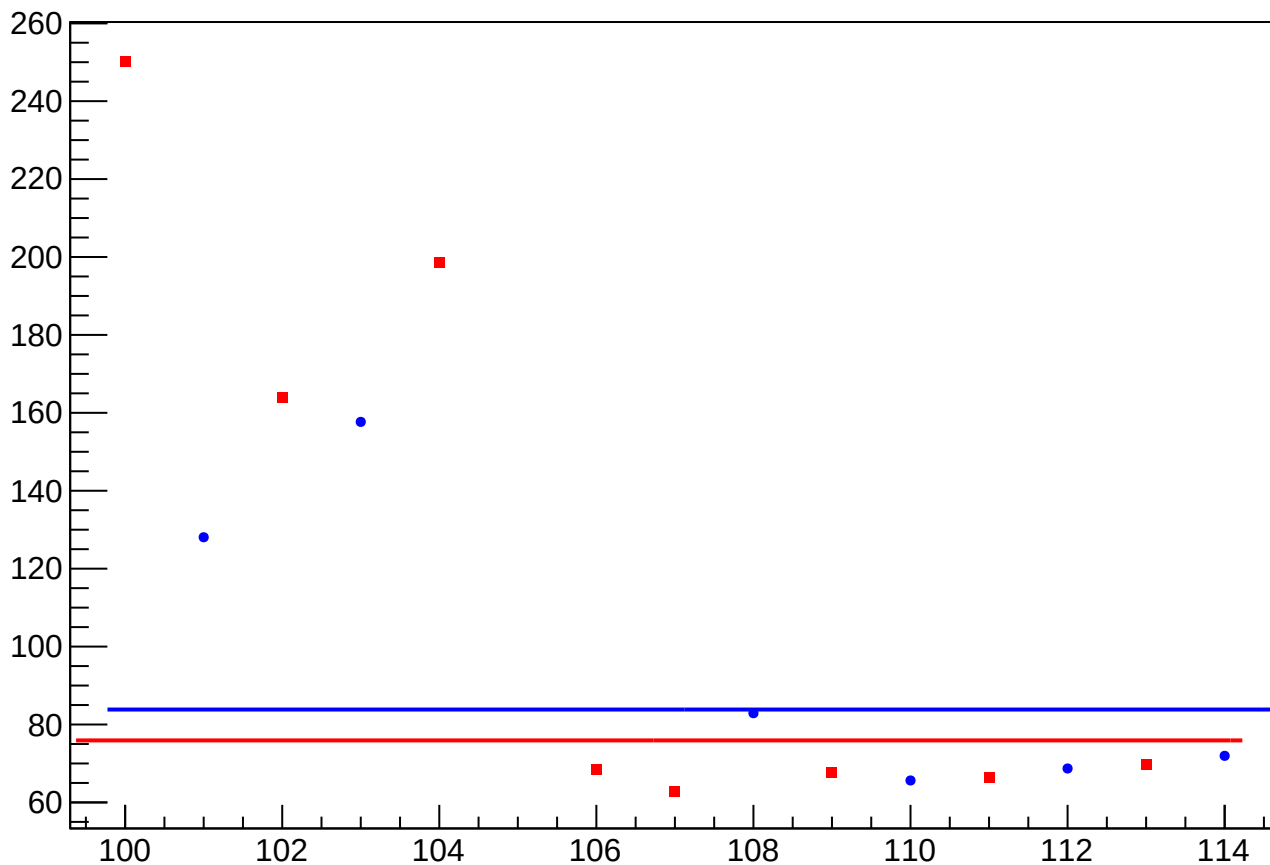
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.258 ± 35.184 χ^2/NDF : 21.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 83.842 $\pm$ 0.039 χ^2 /NDF: 528329.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.919 $\pm$ 0.032 χ^2 /NDF: 878679.9/7

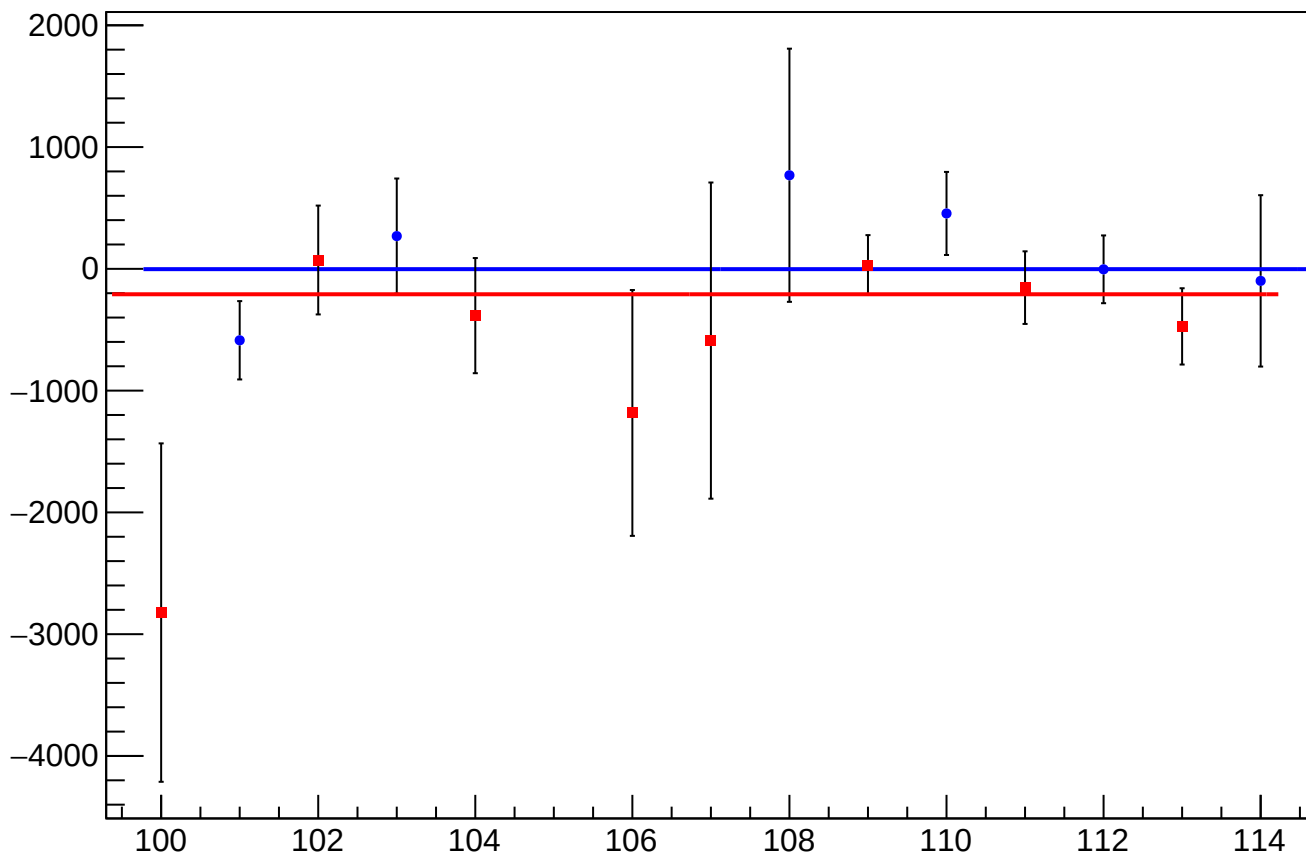
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.183 $\pm$ 0.025 χ^2 /NDF: 1431578.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_correction_mean vs Slug



Right In: -2.503 ± 160.971 χ^2/NDF : 6.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -208.717 ± 141.972 χ^2/NDF : 6.8/7

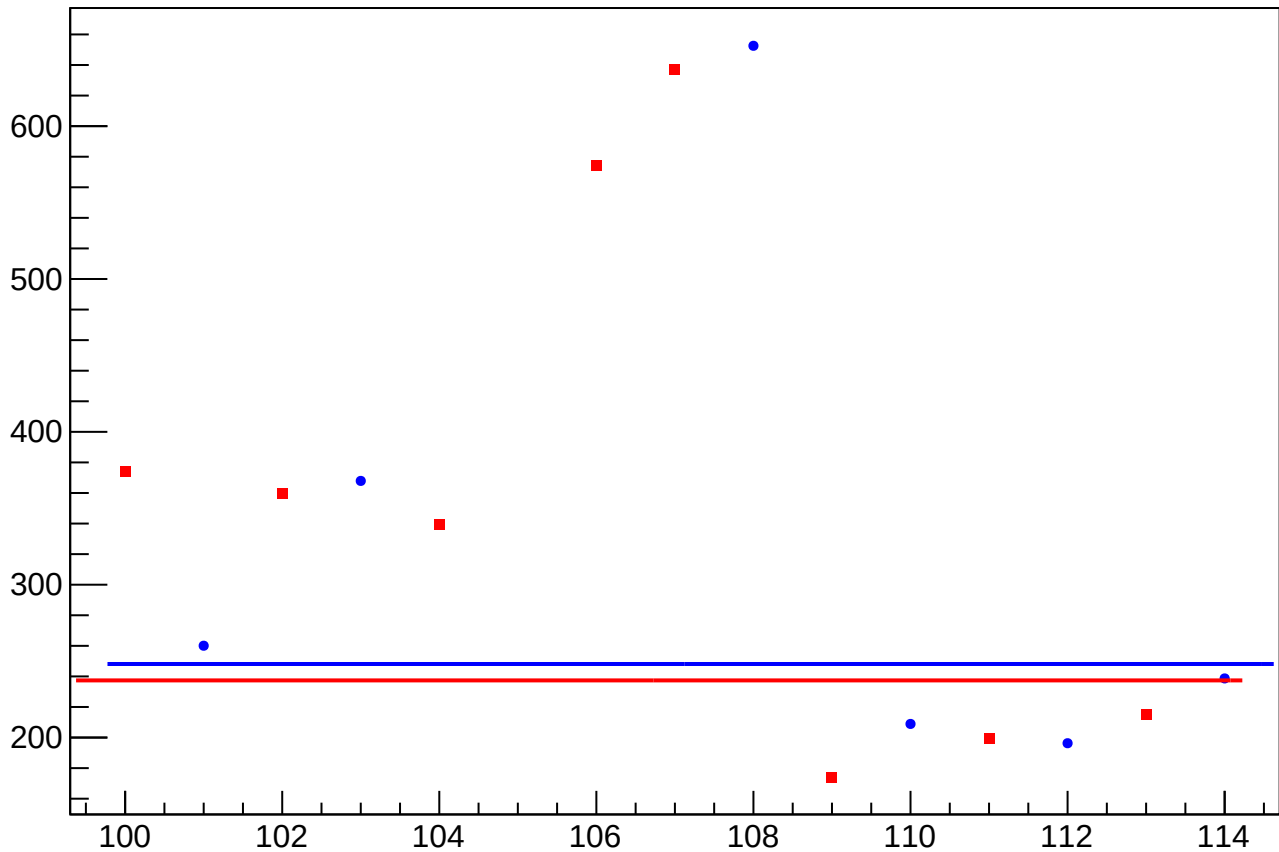
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -118.493 ± 106.476 χ^2/NDF : 13.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 248.123+/-0.114 χ^2/NDF : 529998.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.391+/-0.100 χ^2/NDF : 852654.4/7

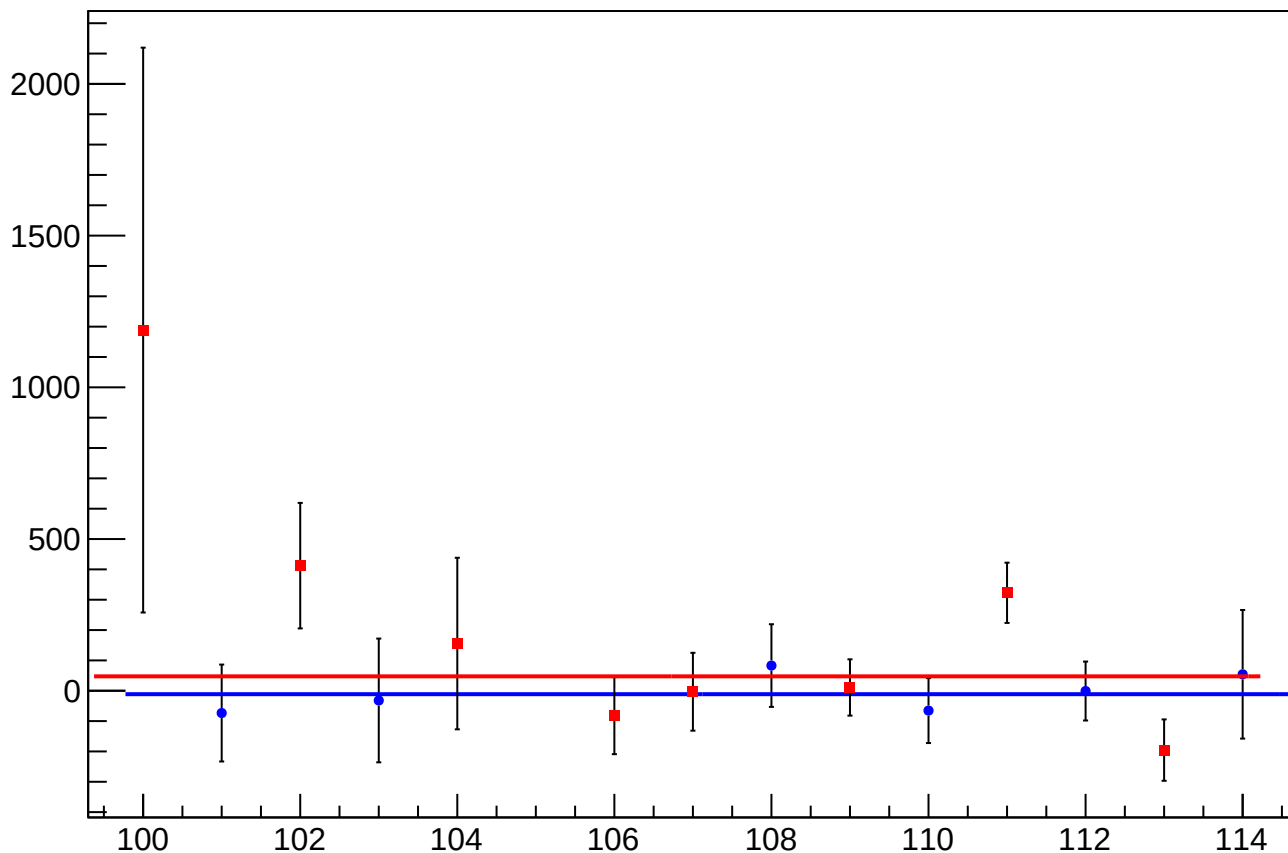
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.086+/-0.075 χ^2/NDF : 1387652.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -11.336 ± 54.819 χ^2/NDF : 1.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 47.489 ± 45.881 χ^2/NDF : 19.6/7

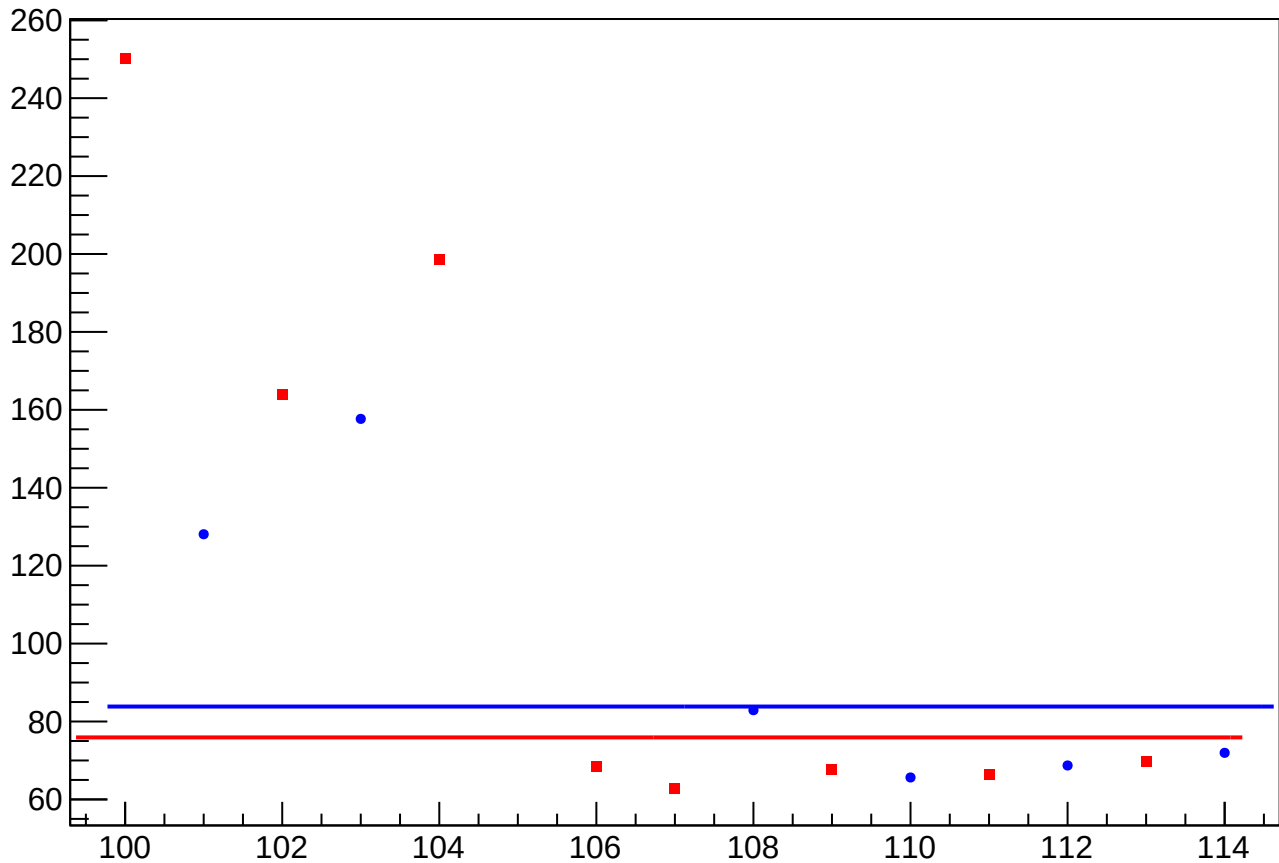
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.257 ± 35.184 χ^2/NDF : 21.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 83.842 $\pm$ 0.039 χ^2 /NDF: 528333.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.919 $\pm$ 0.032 χ^2 /NDF: 878680.9/7

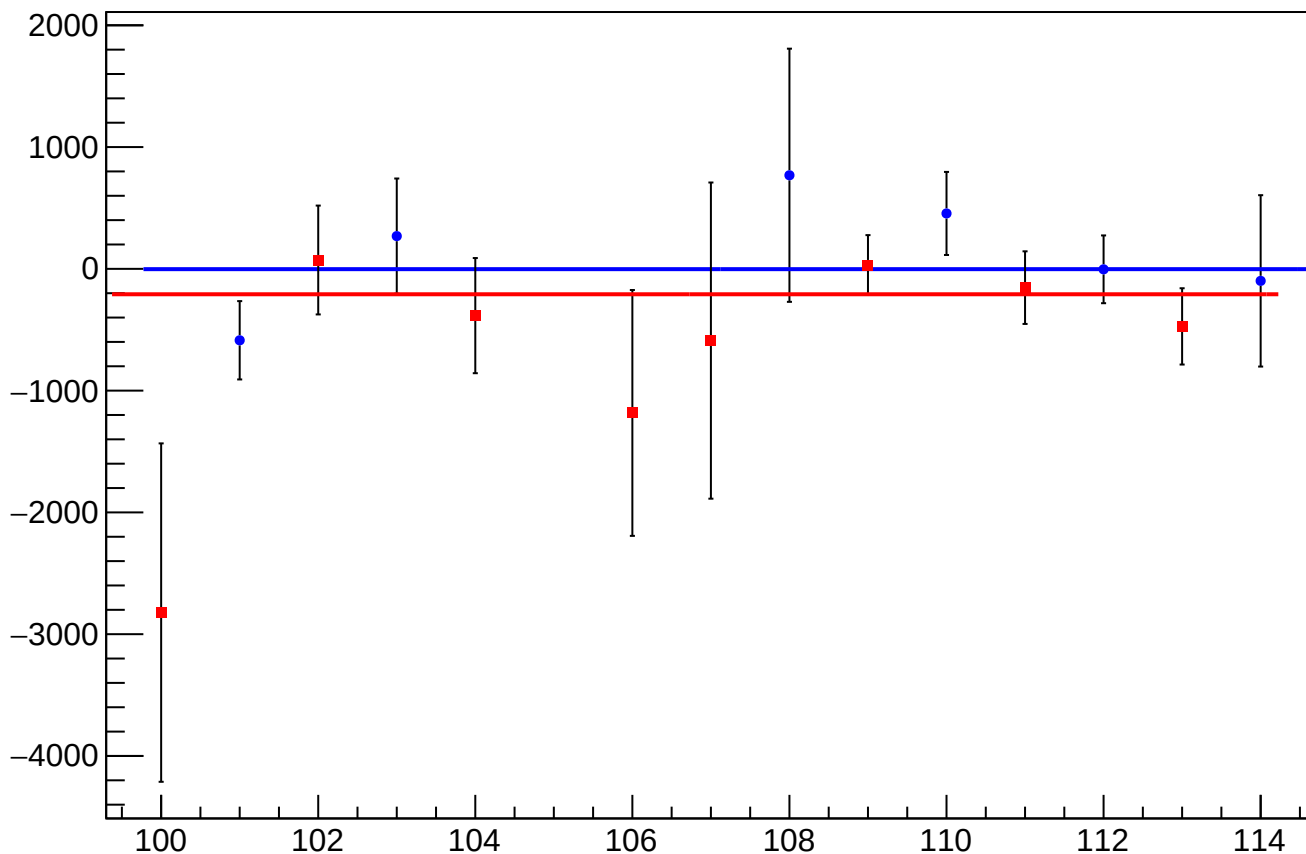
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.183 $\pm$ 0.025 χ^2 /NDF: 1431583.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -2.503 $\pm$ 160.970 χ^2/NDF : 6.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -208.716 $\pm$ 141.971 χ^2/NDF : 6.8/7

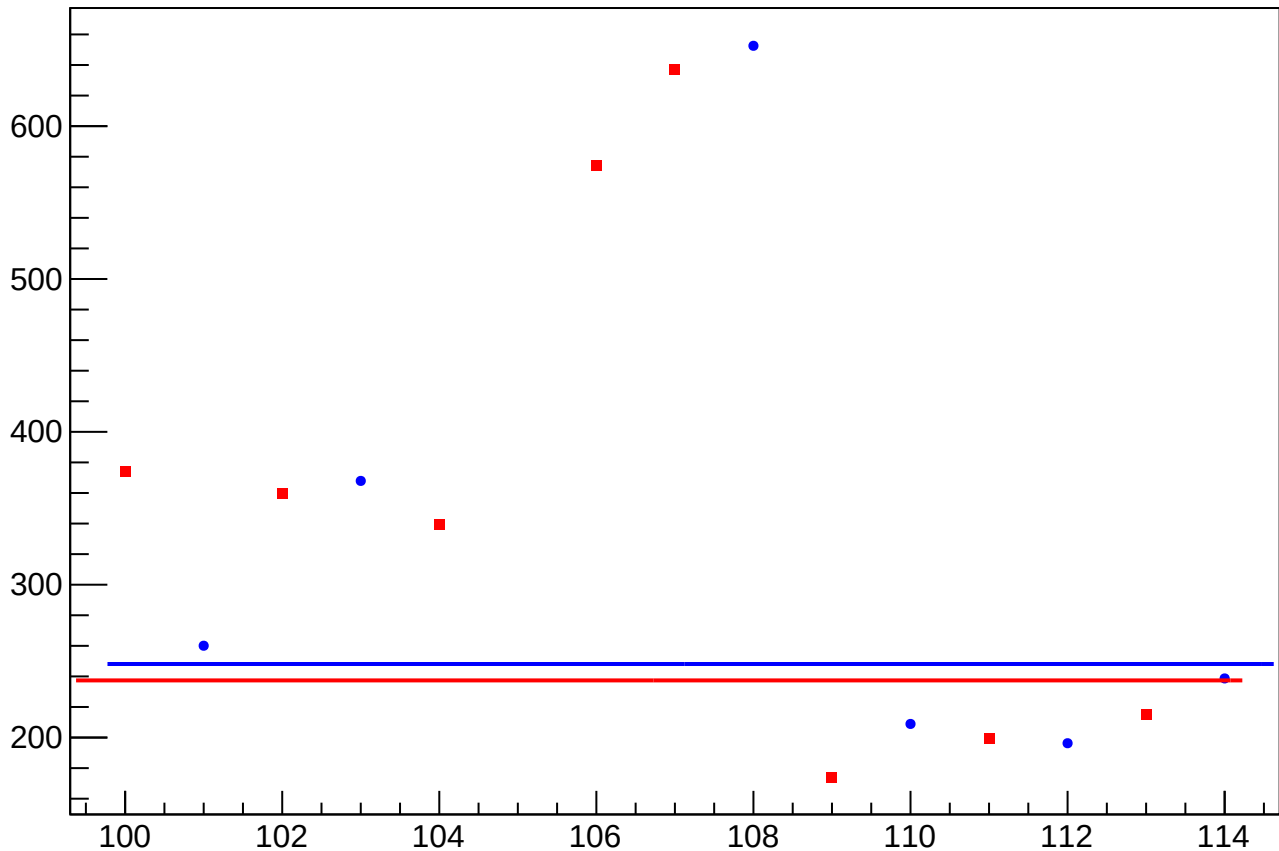
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -118.492 $\pm$ 106.475 χ^2/NDF : 13.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 248.120 $\pm$ 0.114 χ^2 /NDF: 530009.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.389 $\pm$ 0.100 χ^2 /NDF: 852658.7/7

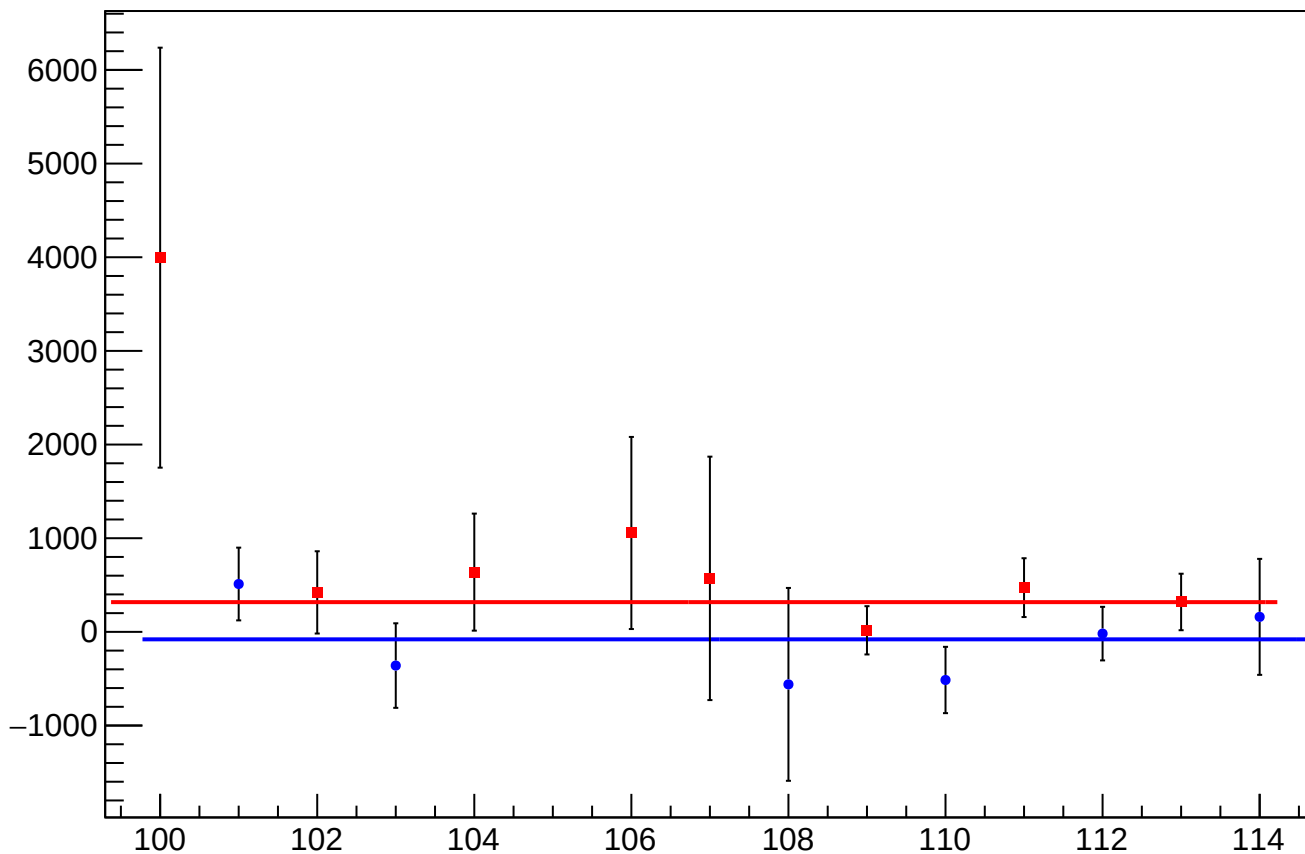
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 242.084 $\pm$ 0.075 χ^2 /NDF: 1387668.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: -79.768 ± 168.330 χ^2/NDF : 4.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 317.540 ± 147.956 χ^2/NDF : 5.2/7

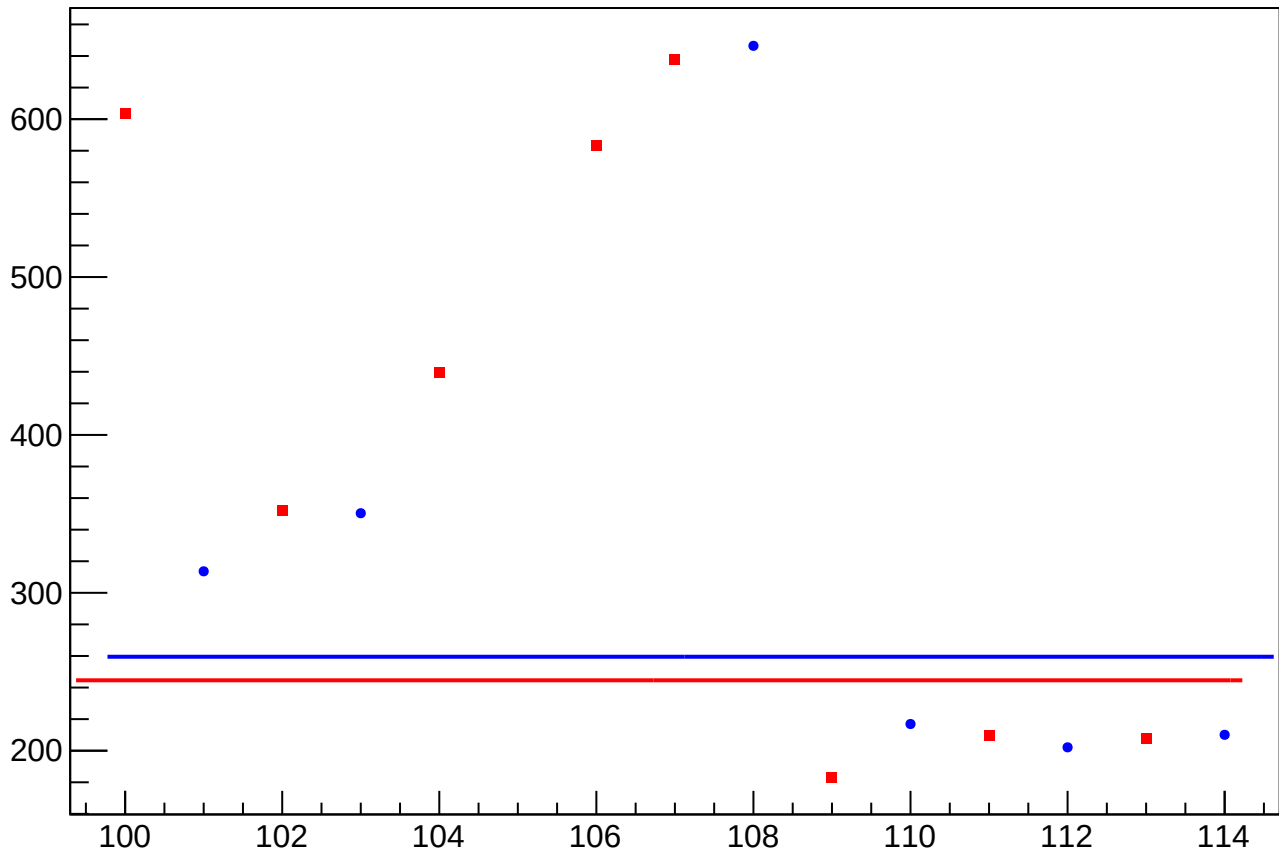
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 144.375 ± 111.130 χ^2/NDF : 12.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_rms vs Slug



Right In: 259.512 $\pm$ 0.119 χ^2 /NDF: 524573.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 244.594 $\pm$ 0.105 χ^2 /NDF: 935718.4/7

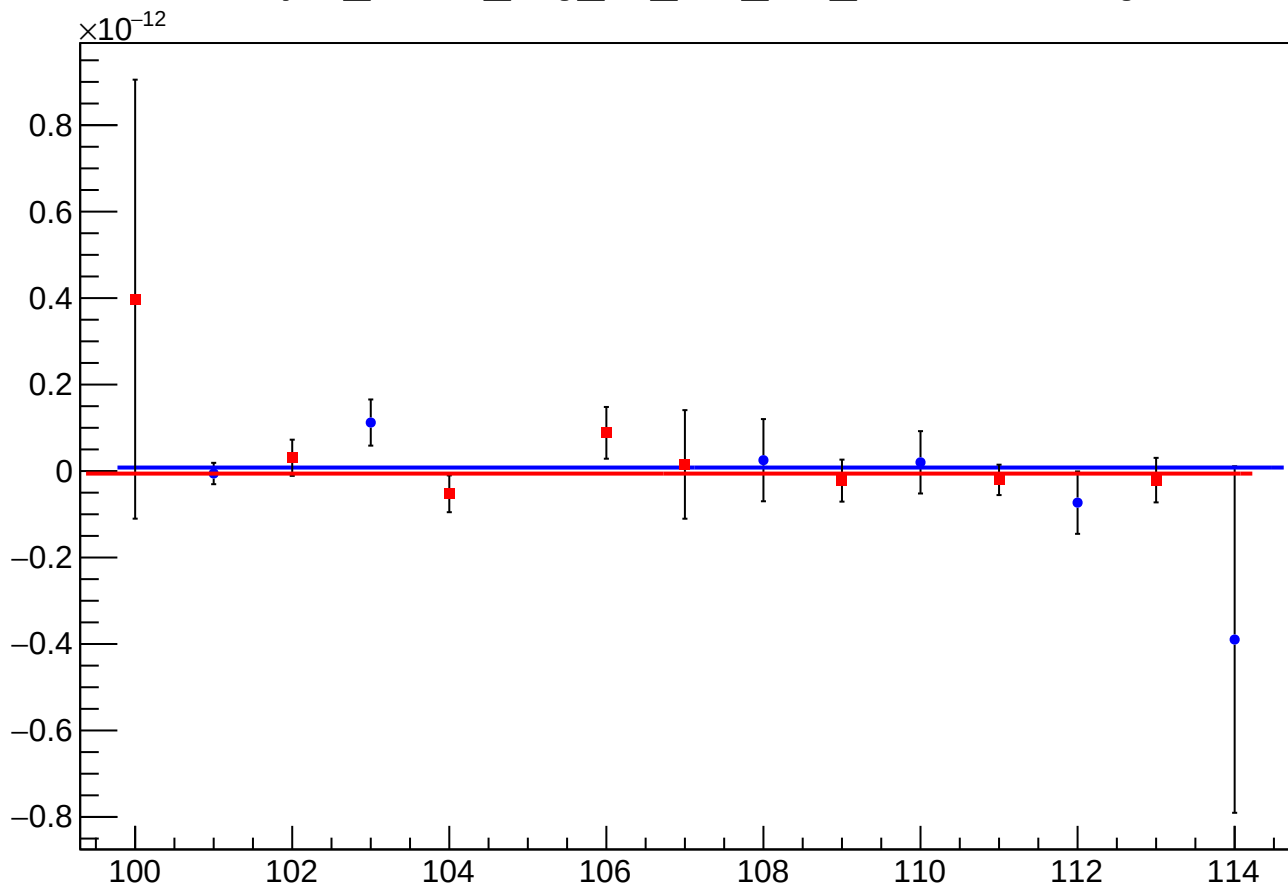
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.096 $\pm$ 0.079 χ^2 /NDF: 1469153.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 6.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/7

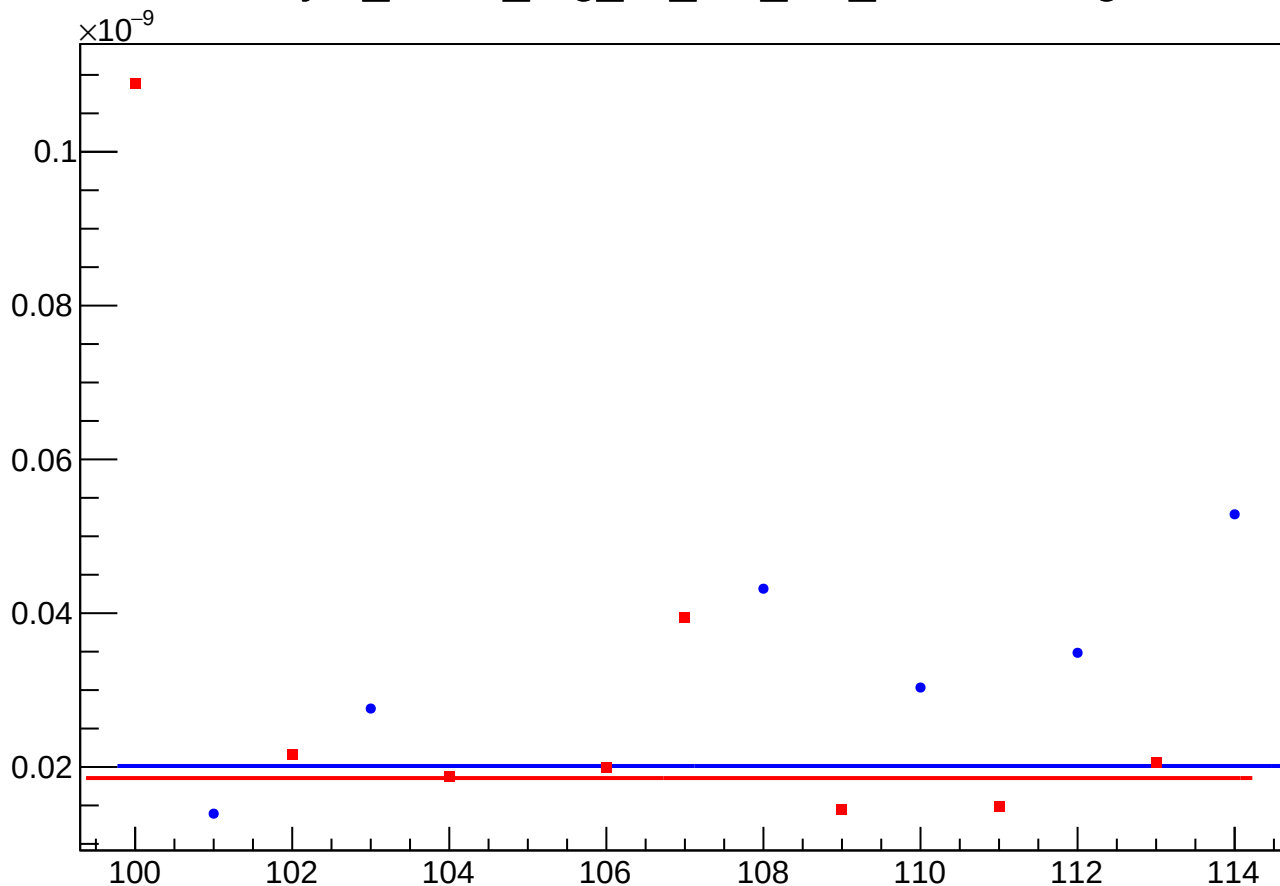
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 419551.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 169853.1/7

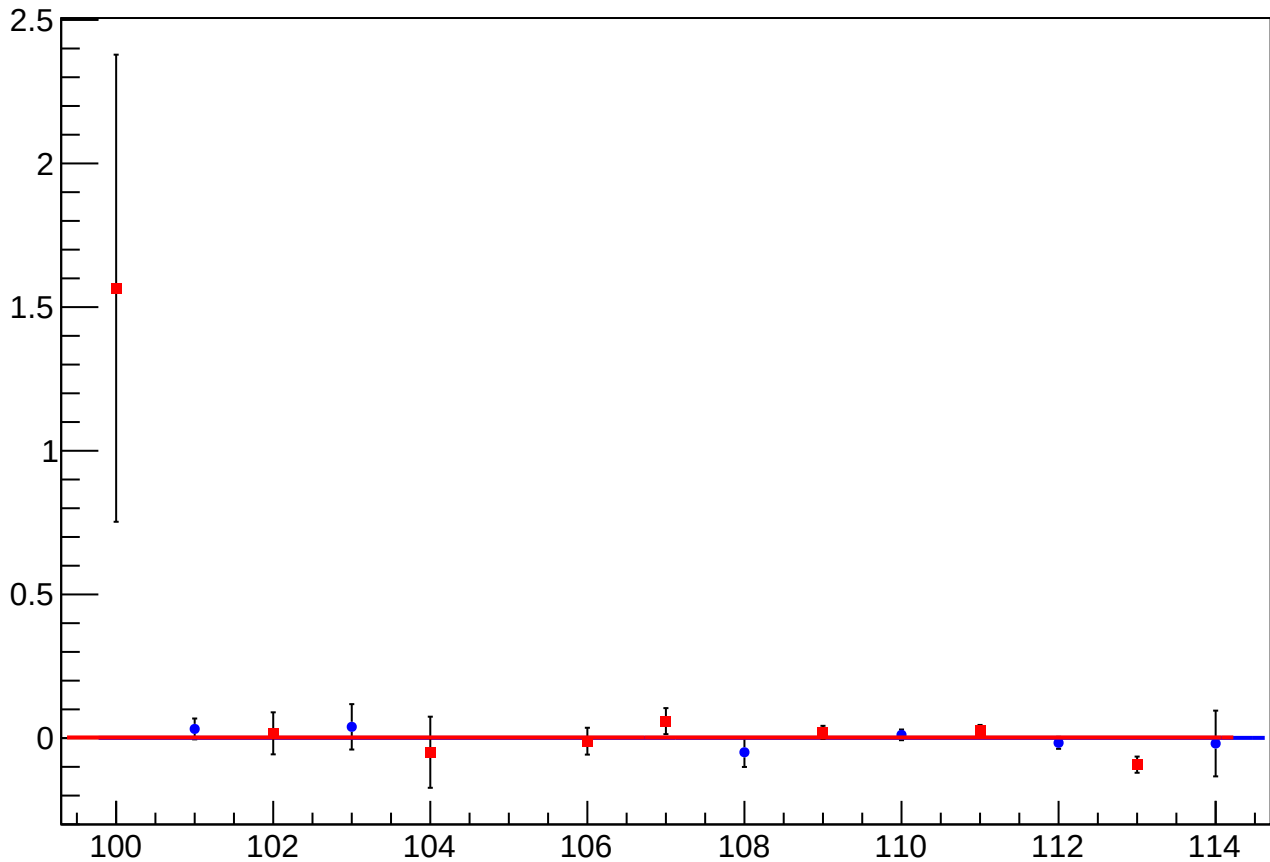
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 596185.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.012 χ^2 /NDF: 19.0/7

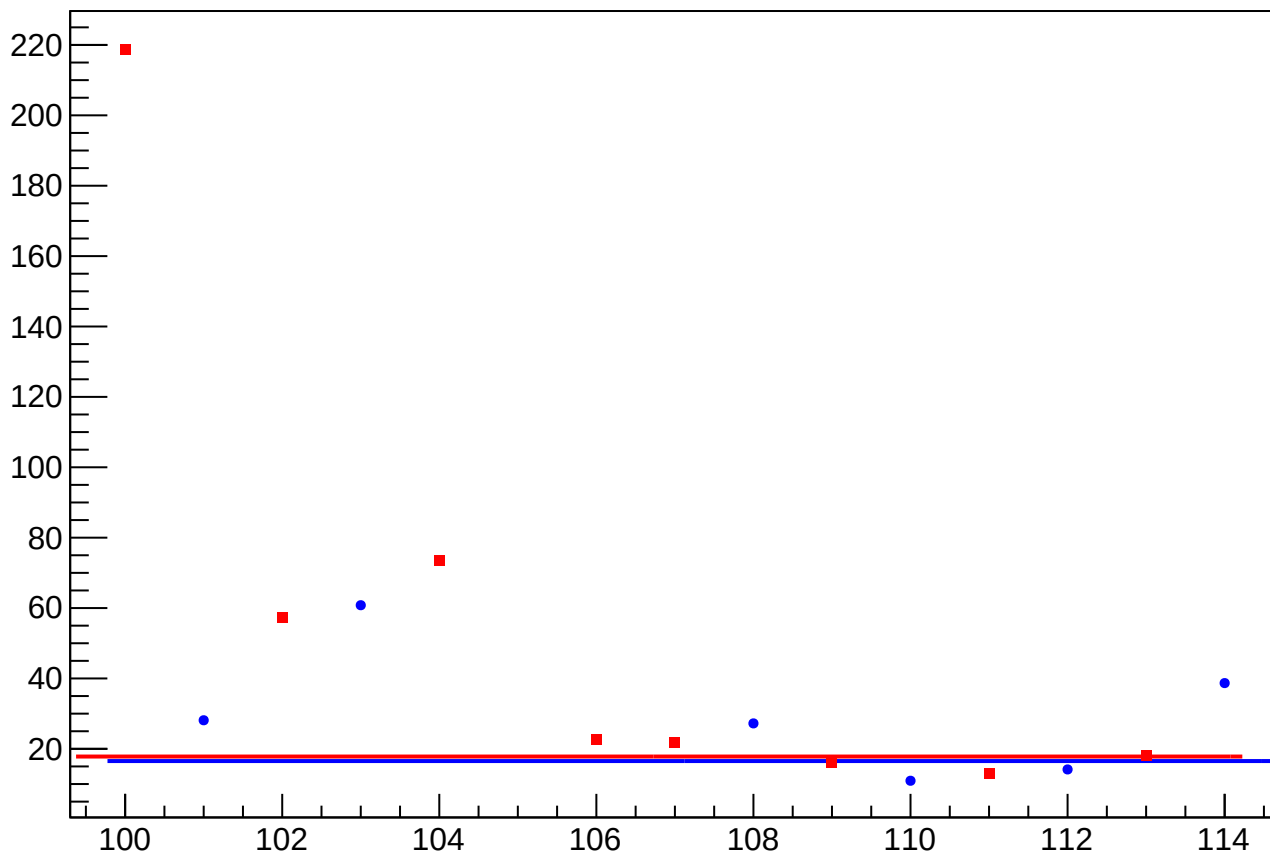
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 21.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 16.529+/-0.009 χ^2/NDF : 1202286.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.812+/-0.008 χ^2/NDF : 1282289.2/7

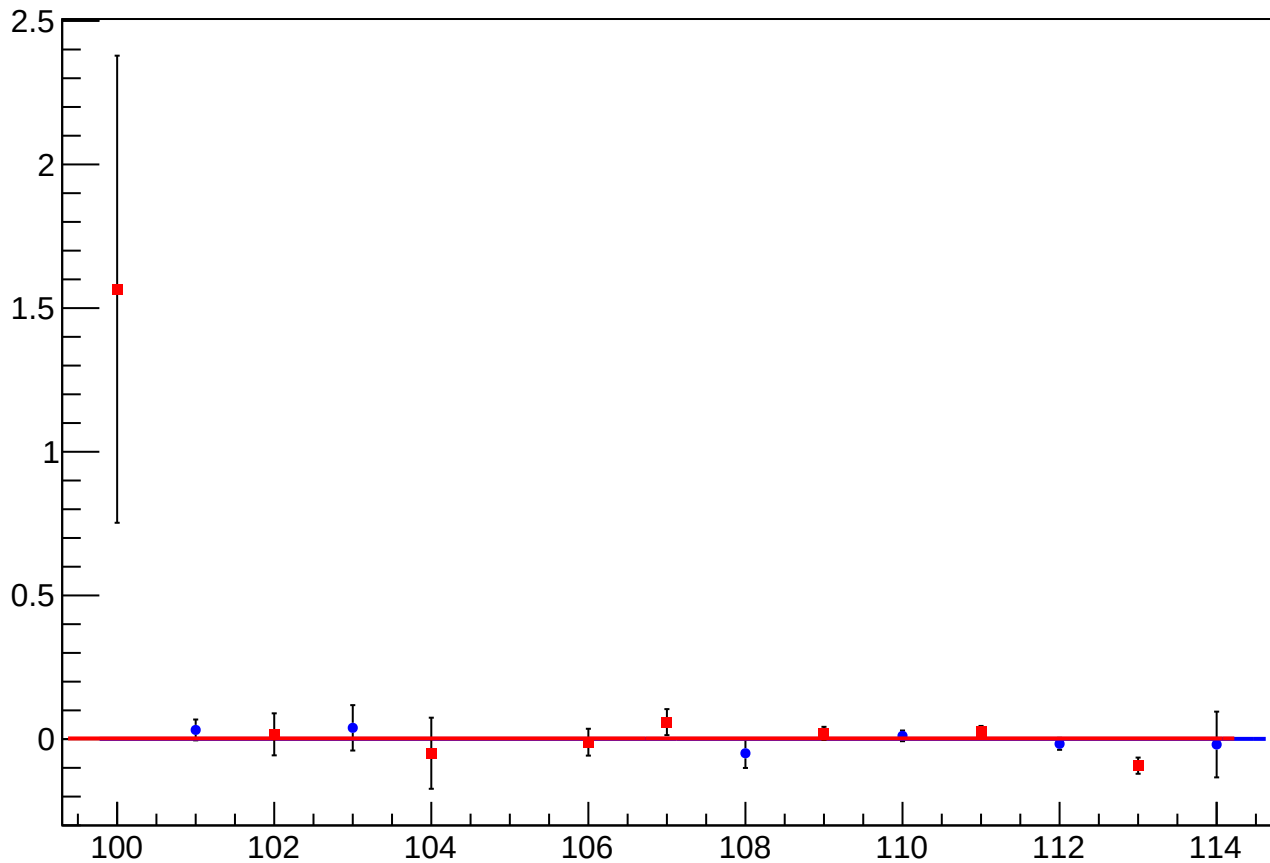
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.190+/-0.006 χ^2/NDF : 2495730.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.012 χ^2 /NDF: 19.0/7

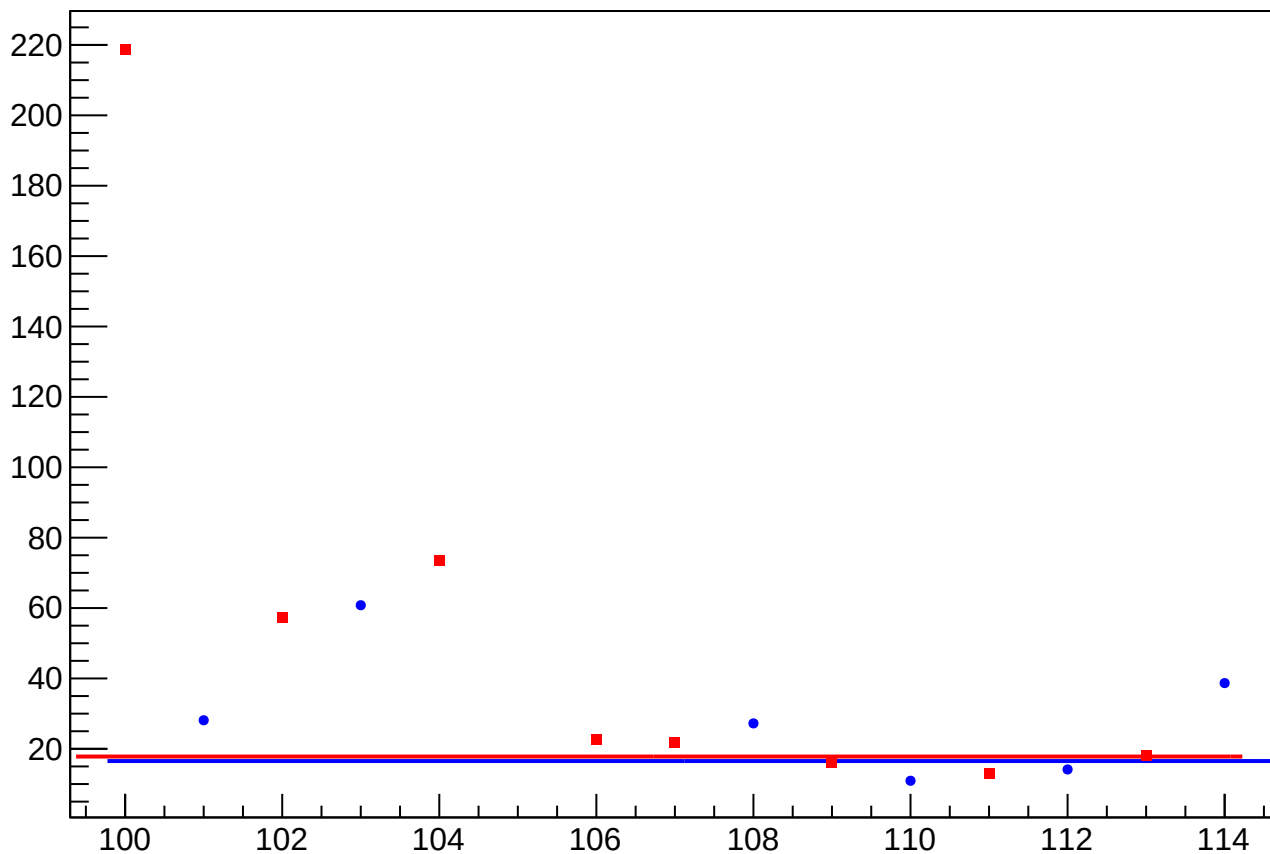
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 21.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 16.529+/-0.009 χ^2/NDF : 1202286.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.812+/-0.008 χ^2/NDF : 1282289.2/7

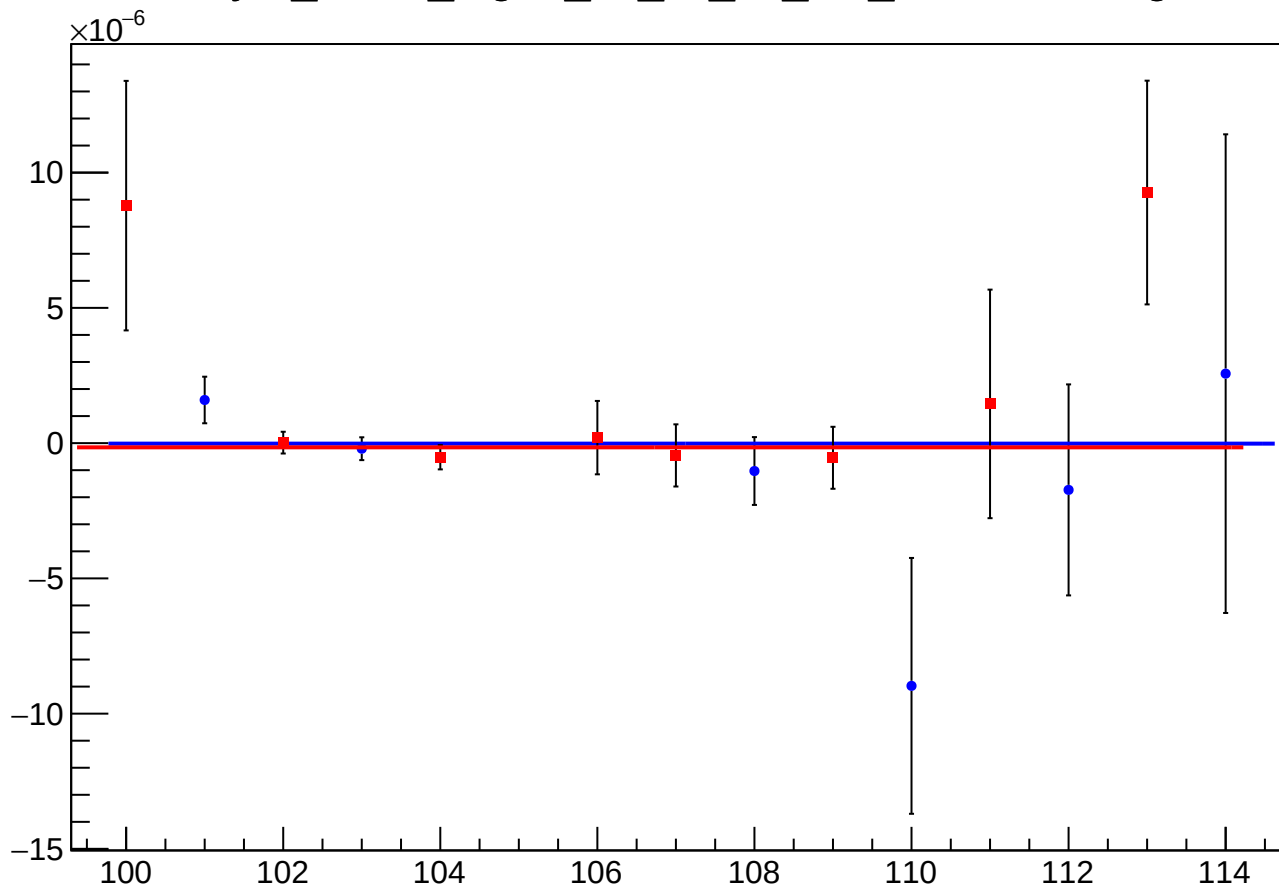
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.190+/-0.006 χ^2/NDF : 2495730.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 8.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.2/7

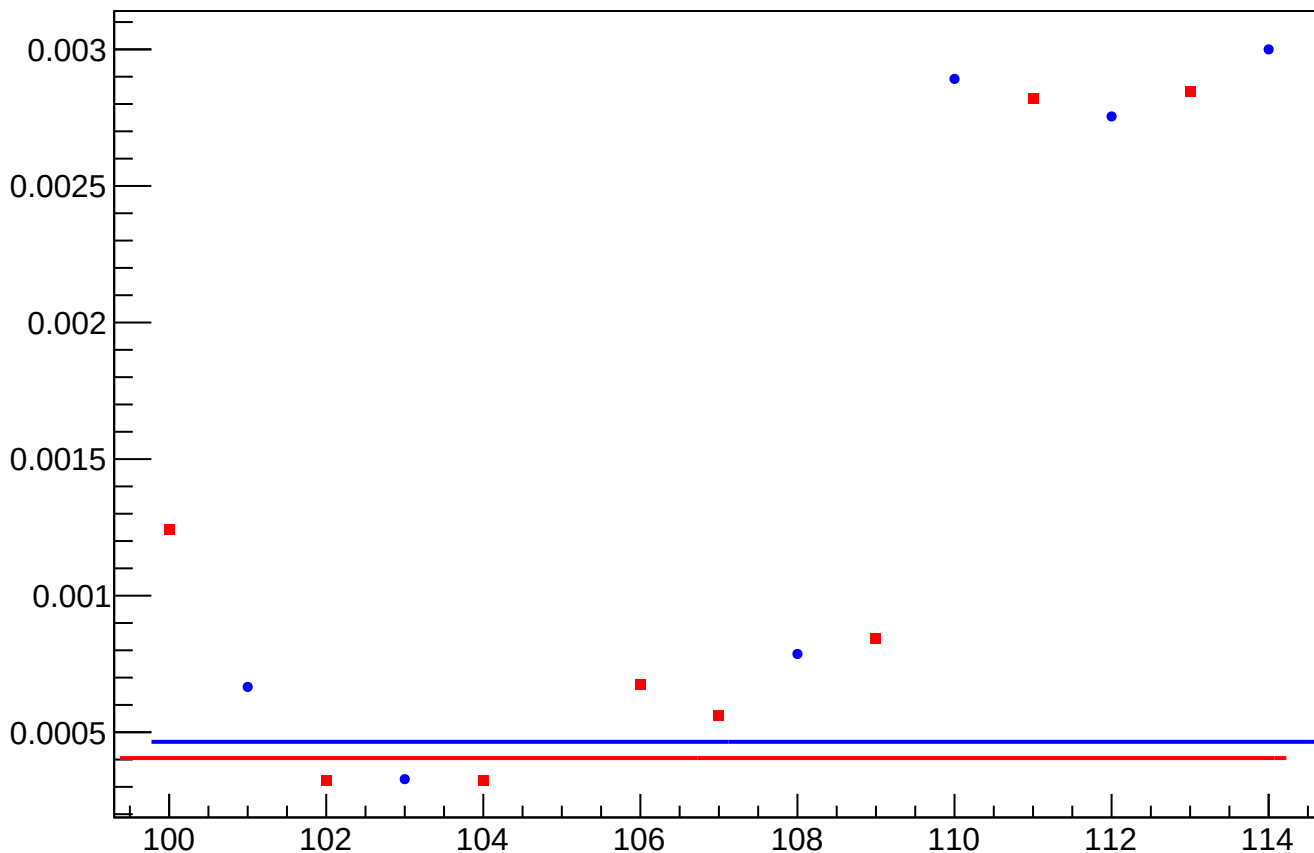
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 18.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1830919.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1977855.9/7

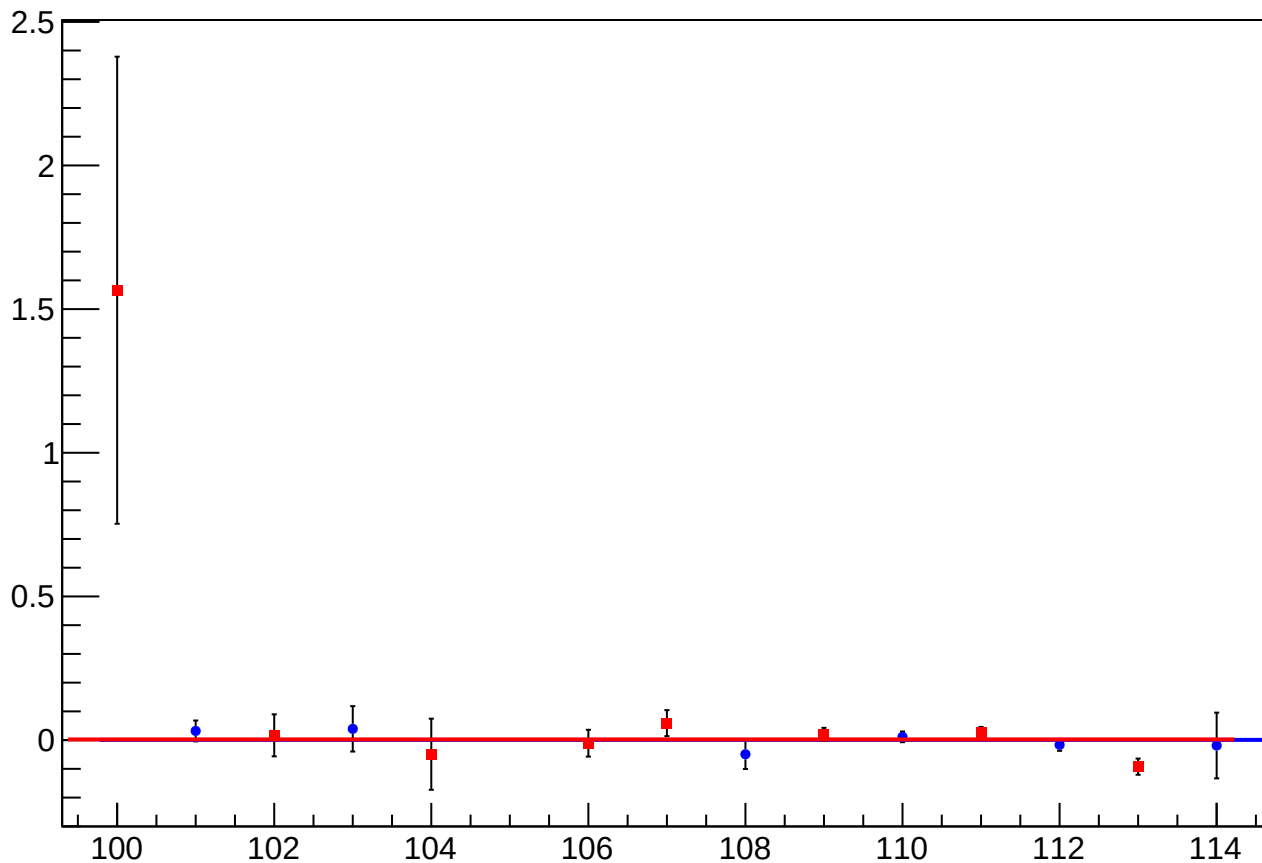
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3843420.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.012 χ^2 /NDF: 19.0/7

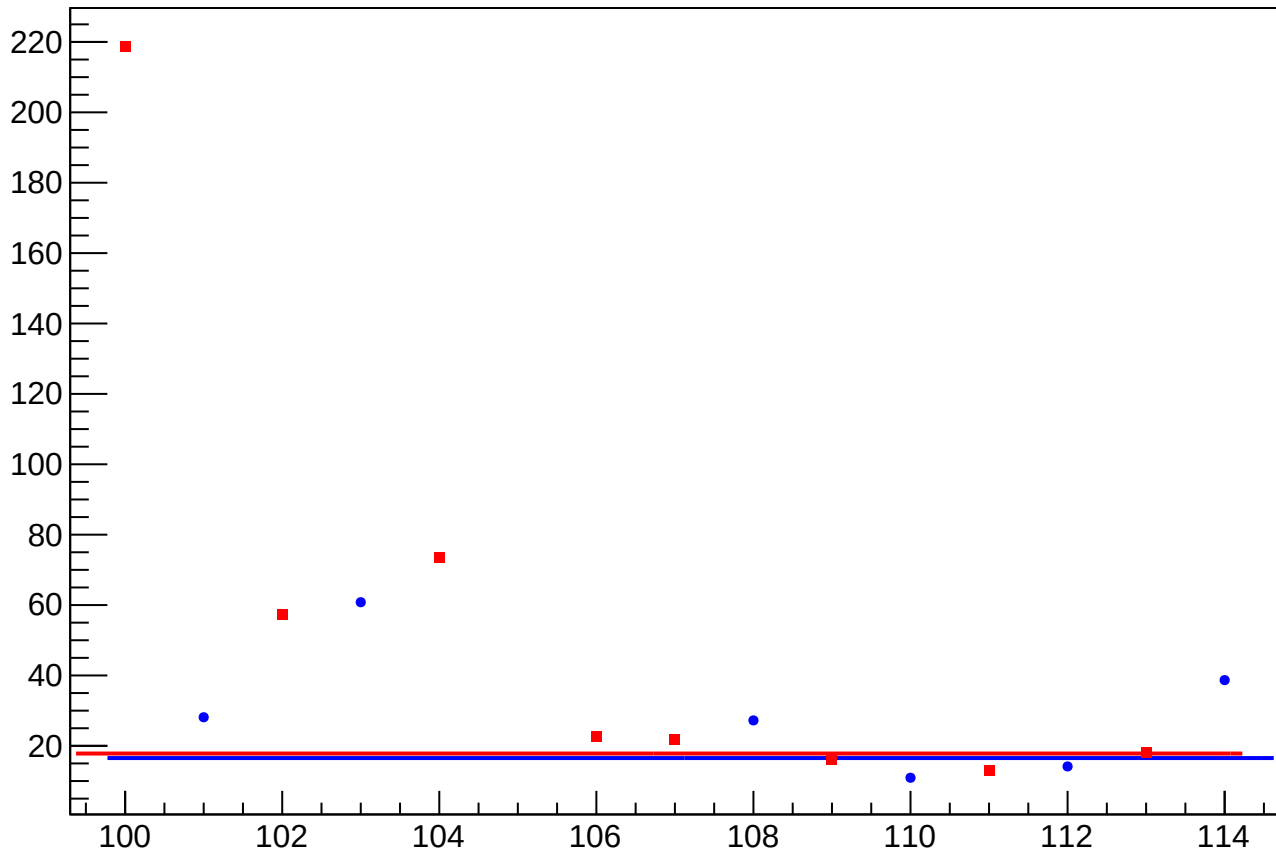
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 21.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 16.530 $\pm$ 0.009 χ^2 /NDF: 1202217.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.813 $\pm$ 0.008 χ^2 /NDF: 1282246.2/7

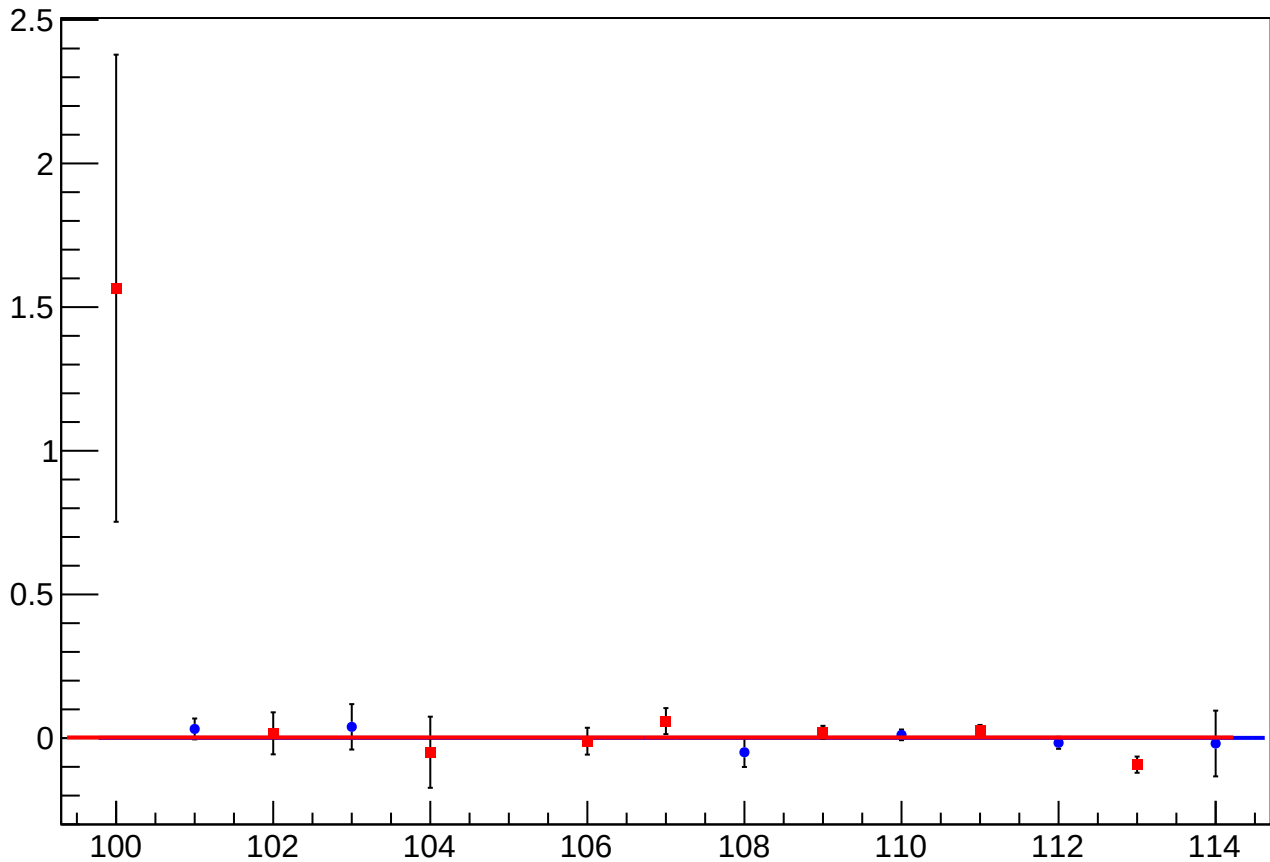
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.190 $\pm$ 0.006 χ^2 /NDF: 2495609.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.012 χ^2 /NDF: 19.0/7

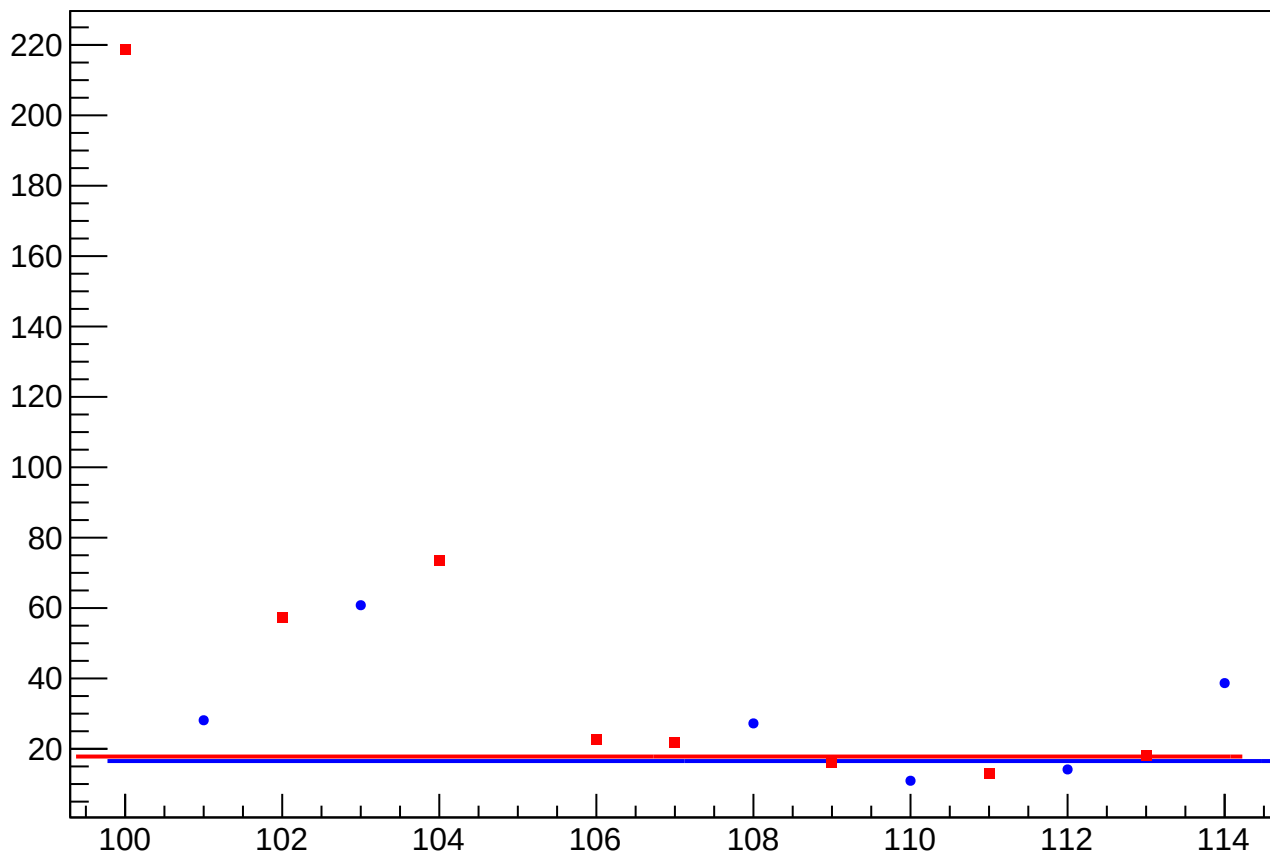
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 21.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 16.530+/-0.009 χ^2 /NDF: 1202217.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.813+/-0.008 χ^2 /NDF: 1282246.2/7

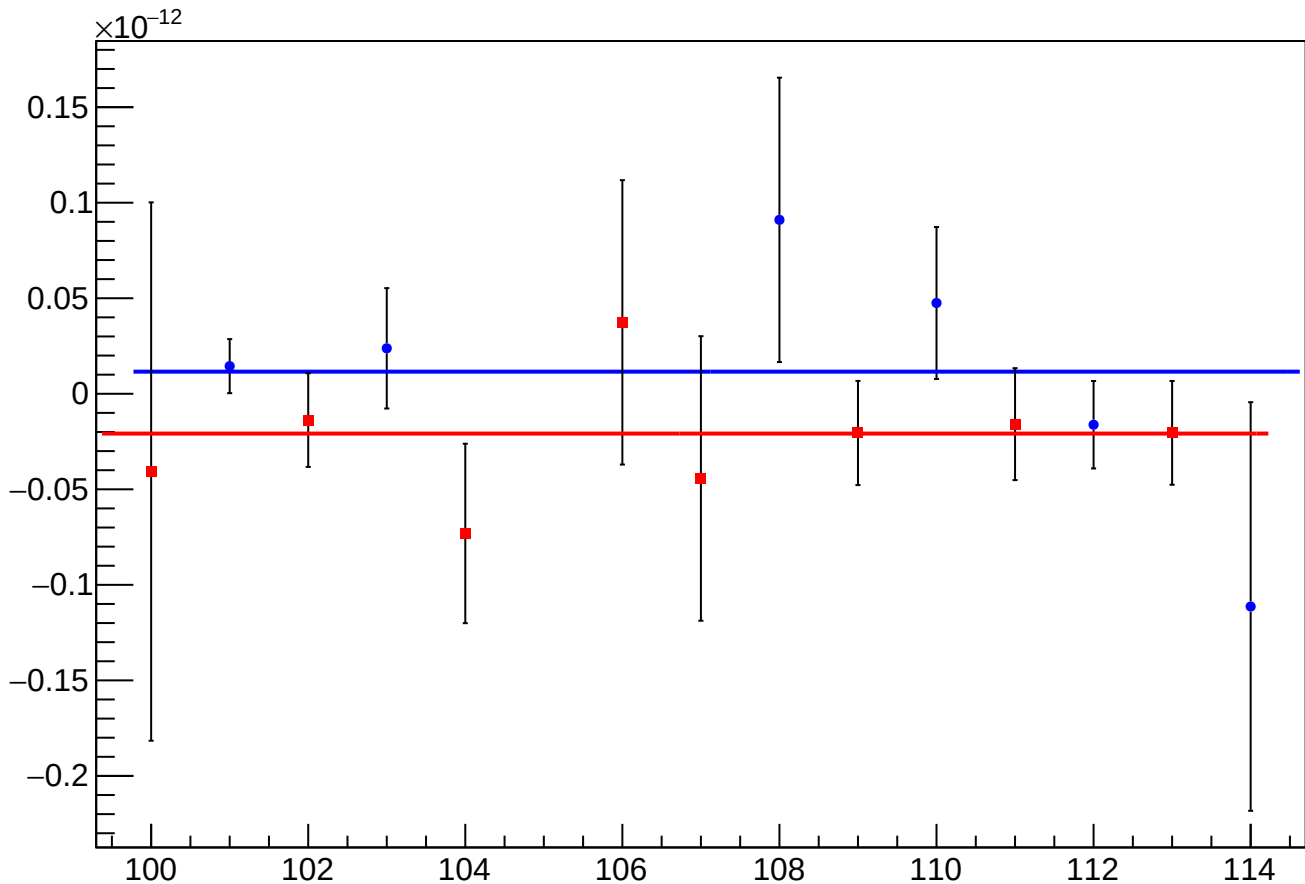
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 17.190+/-0.006 χ^2 /NDF: 2495609.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 2.1/7

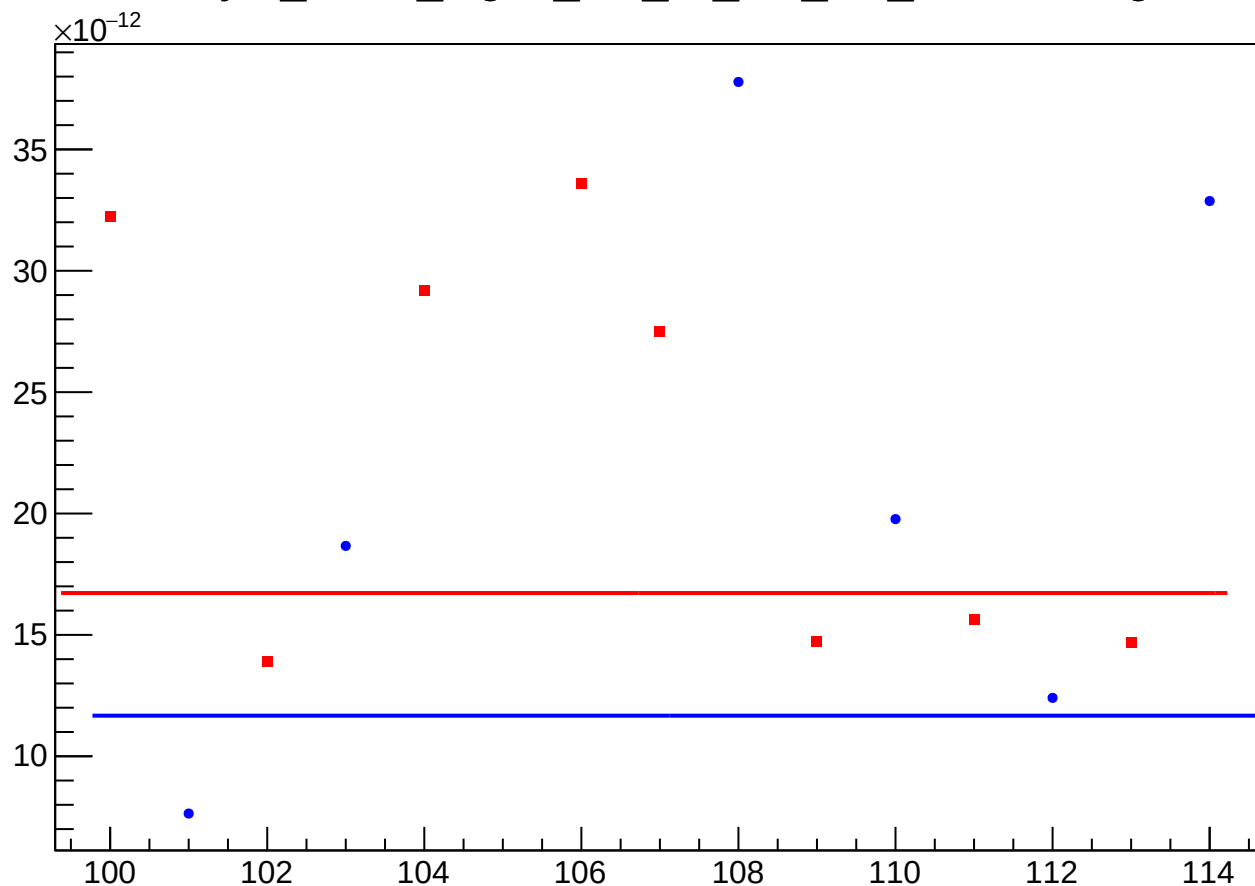
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 10.9/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 670758.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 361381.0/7

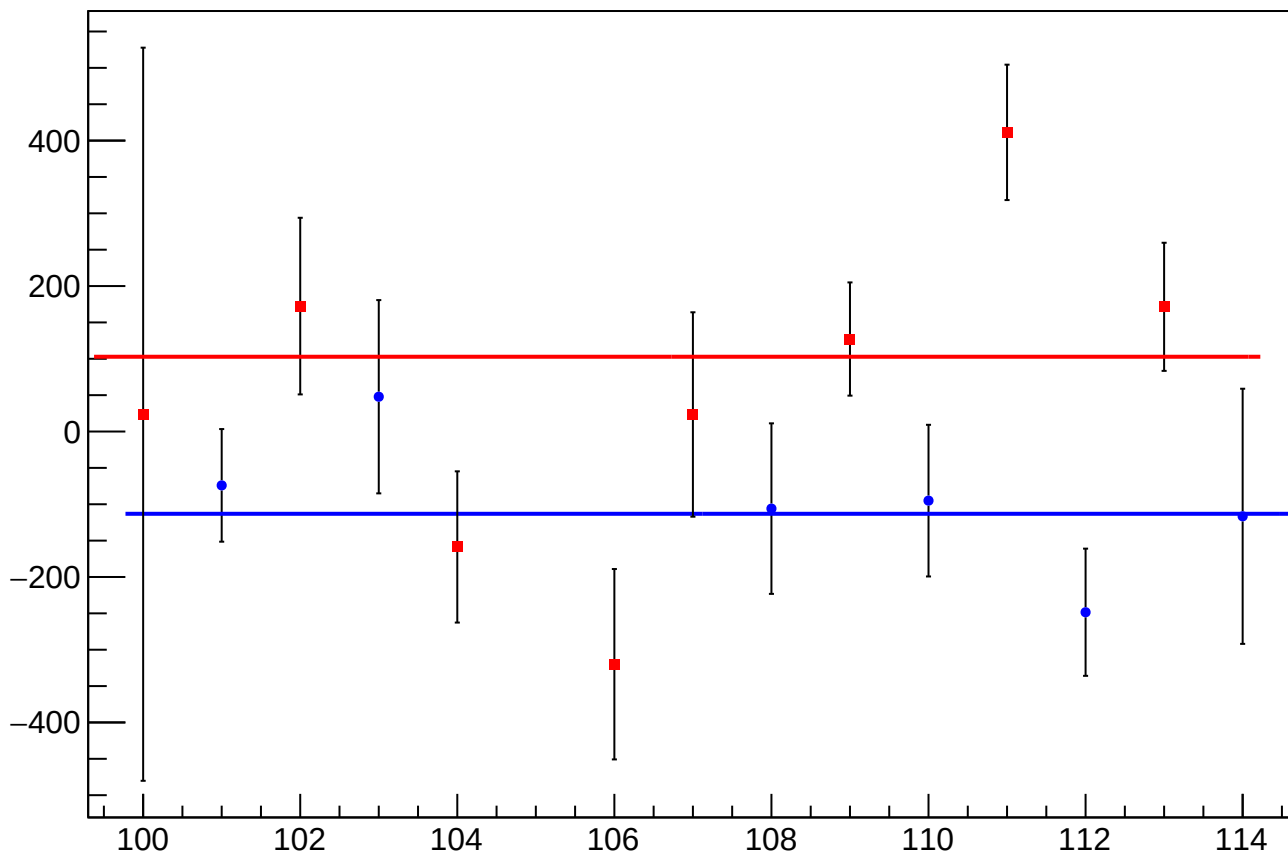
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1221383.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -113.113 $\pm$ 42.584 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.817 $\pm$ 38.273 χ^2 /NDF: 29.1/7

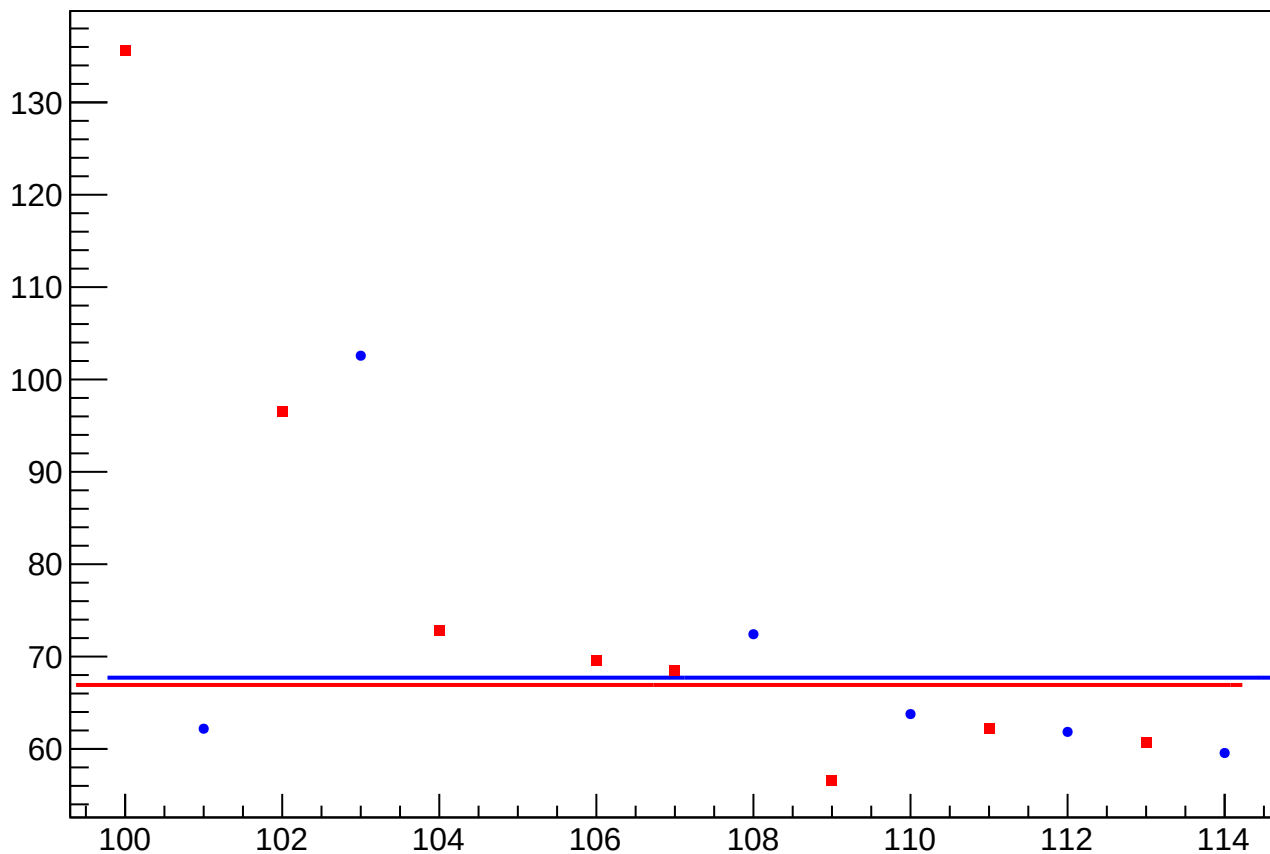
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.331 $\pm$ 28.466 χ^2 /NDF: 47.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 67.716+/-0.030 χ^2/NDF : 167235.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.927+/-0.027 χ^2/NDF : 213974.4/7

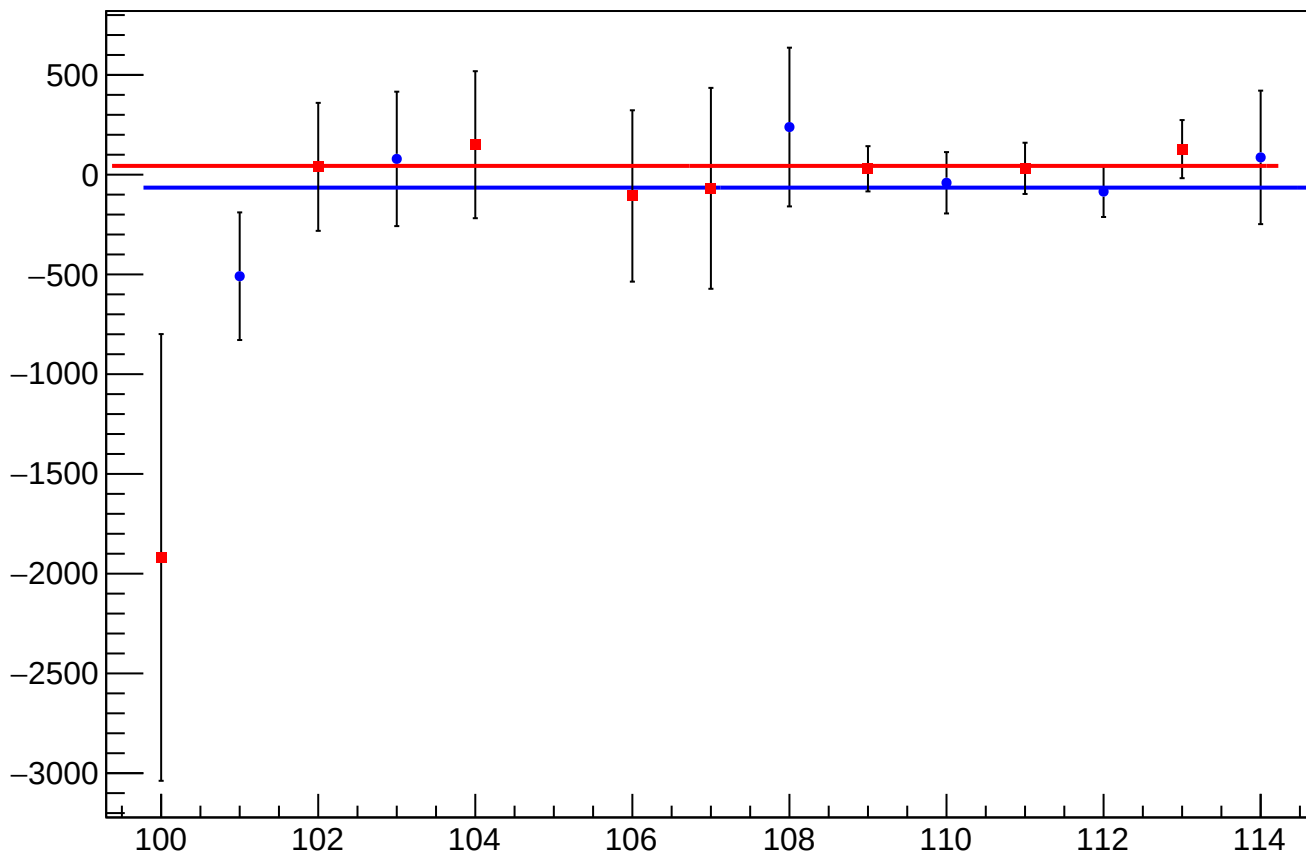
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.279+/-0.020 χ^2/NDF : 381589.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



Right In: -64.970 $\pm$ 85.164 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.965 $\pm$ 68.542 χ^2 /NDF: 3.7/7

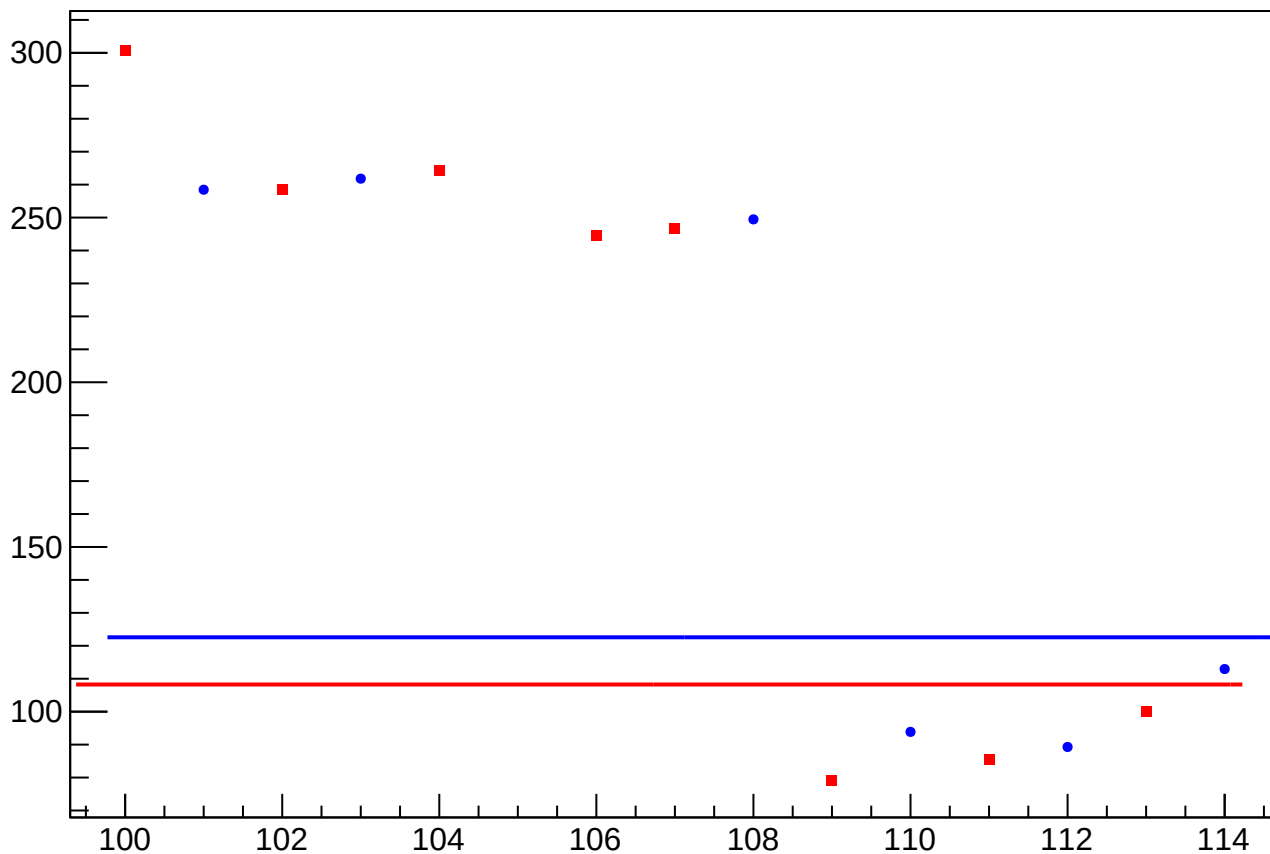
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.142 $\pm$ 53.397 χ^2 /NDF: 7.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 122.580 $\pm$ 0.060 χ^2 /NDF: 1114232.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.251 $\pm$ 0.048 χ^2 /NDF: 1411010.1/7

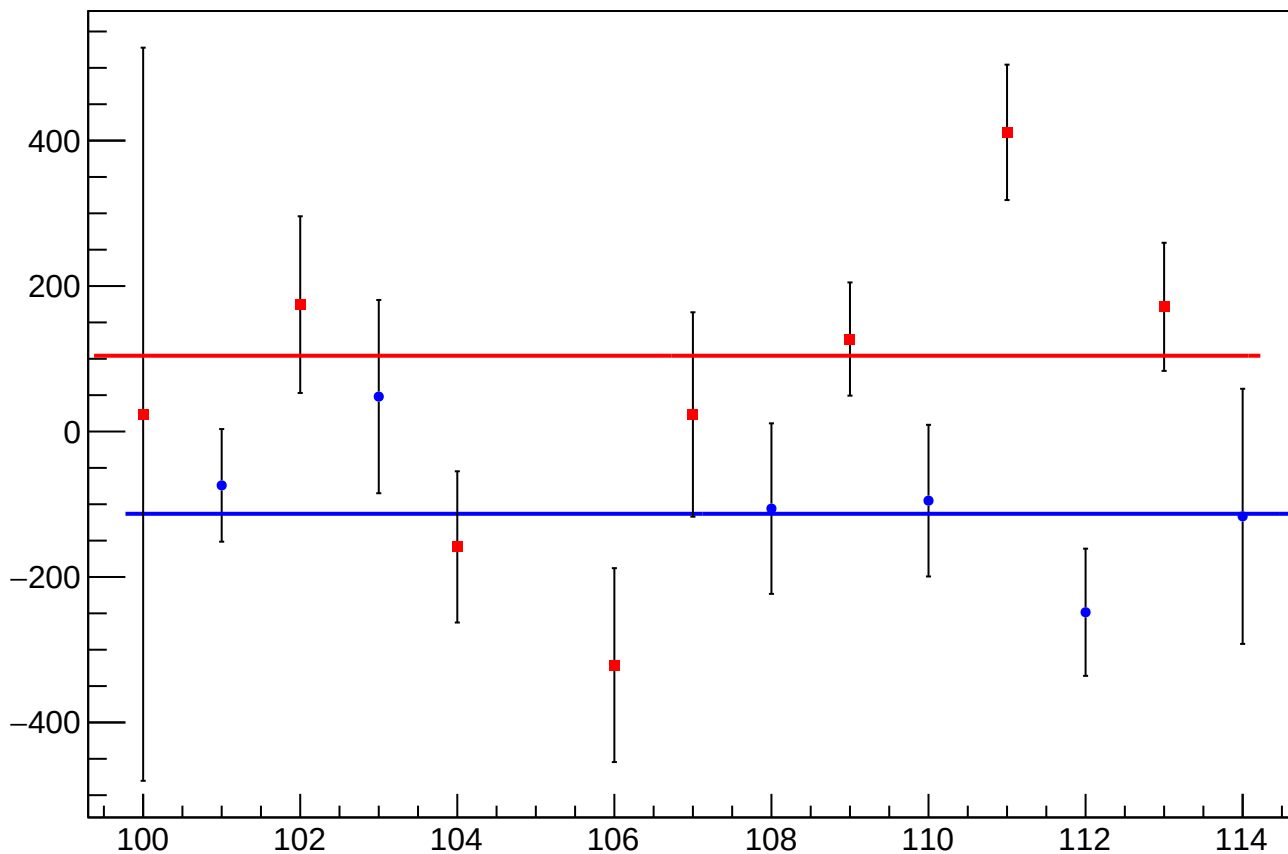
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.884 $\pm$ 0.038 χ^2 /NDF: 2559599.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam8_mean vs Slug



Right In: -113.110 ± 42.584 χ^2/NDF : 4.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 104.219 ± 38.334 χ^2/NDF : 28.8/7

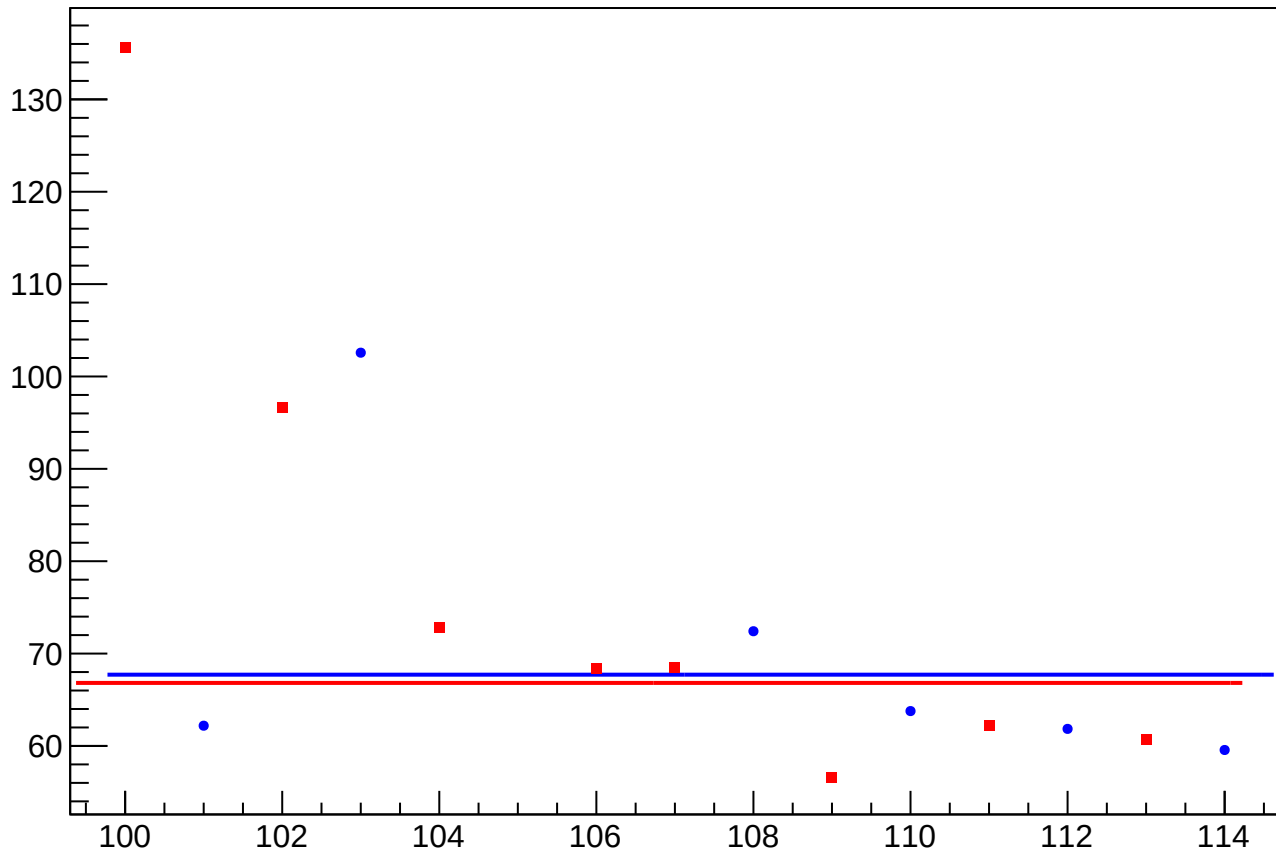
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.938 ± 28.491 χ^2/NDF : 47.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 67.716+/-0.030 χ^2/NDF : 167237.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.823+/-0.027 χ^2/NDF : 213566.1/7

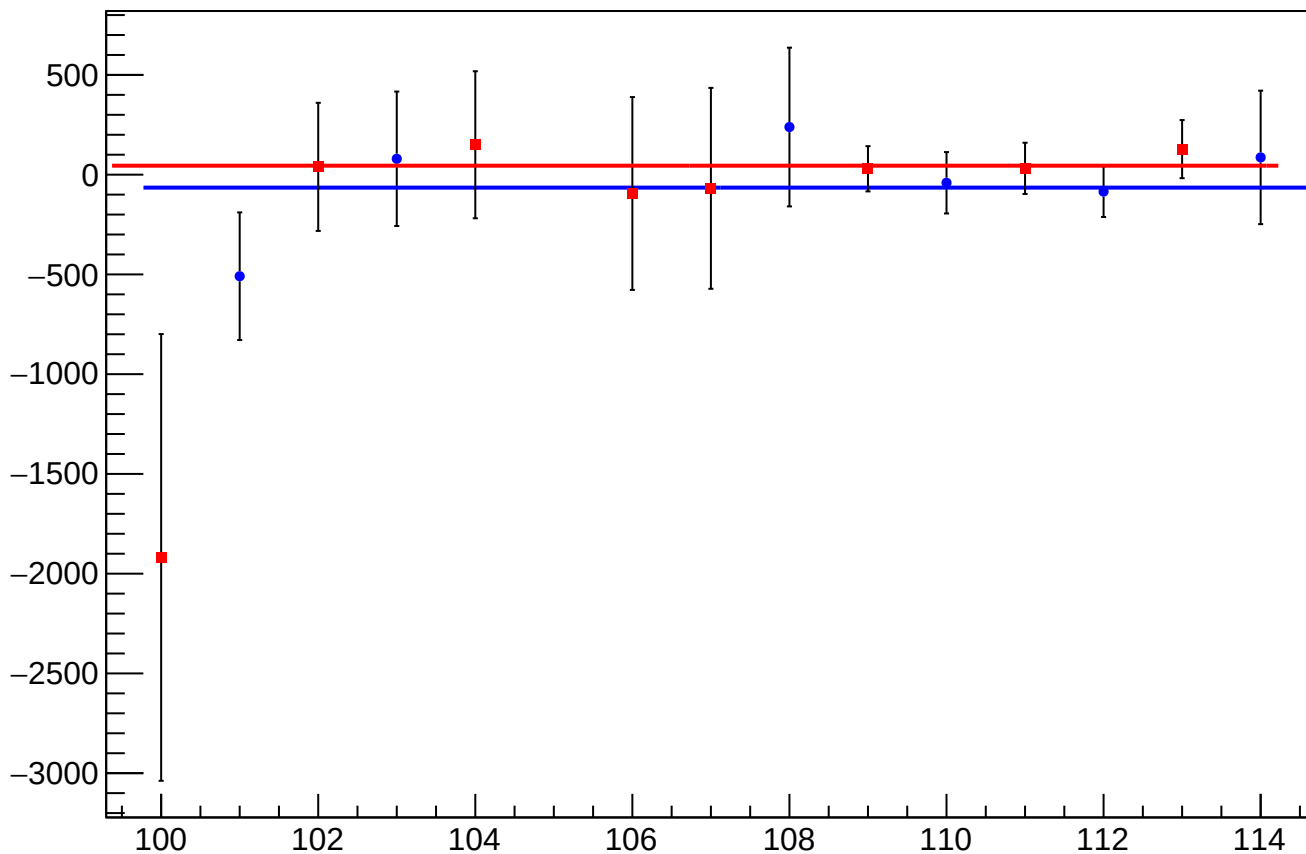
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.223+/-0.020 χ^2/NDF : 381289.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -64.947 ± 85.165 χ^2/NDF : 2.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 45.011 ± 68.730 χ^2/NDF : 3.6/7

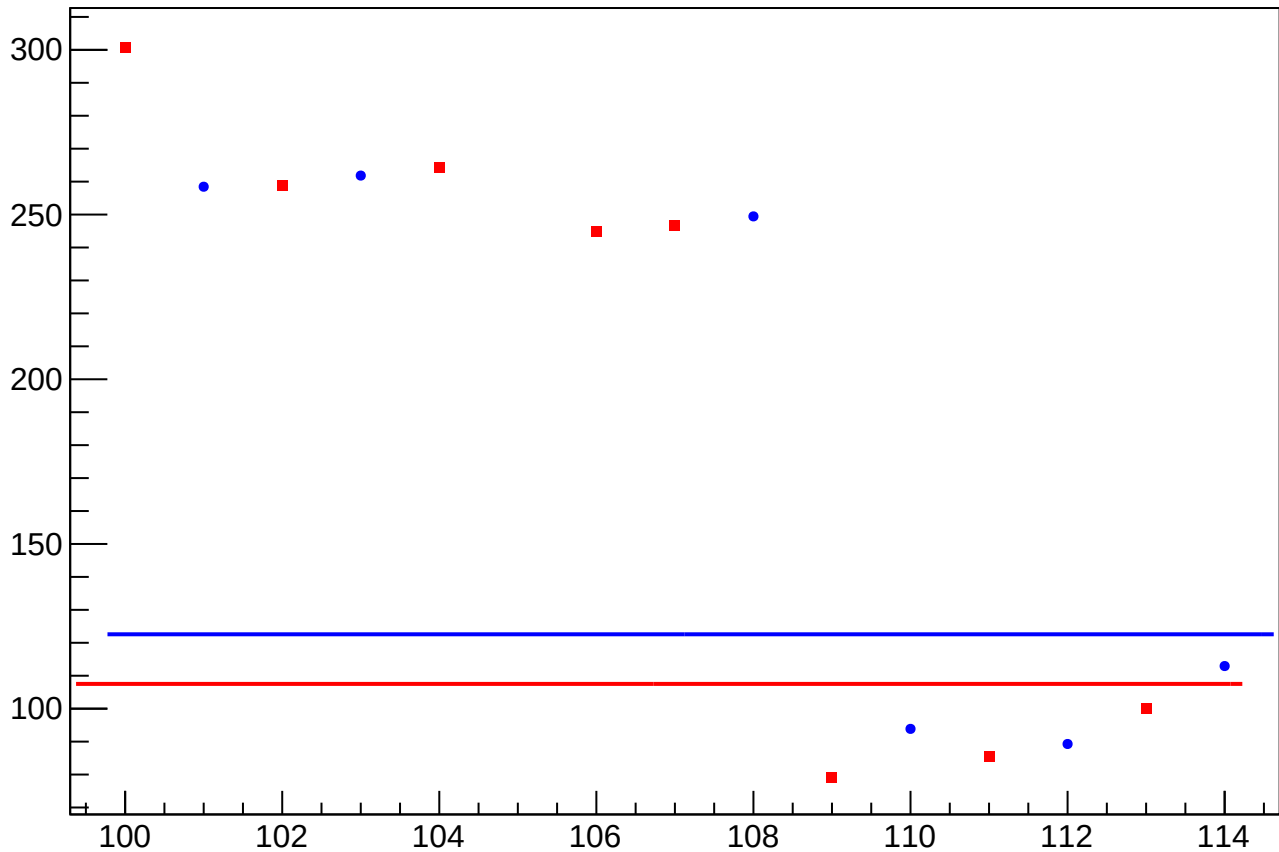
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.642 ± 53.485 χ^2/NDF : 7.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 122.579+/-0.060 χ^2/NDF : 1114286.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.517+/-0.049 χ^2/NDF : 1369558.4/7

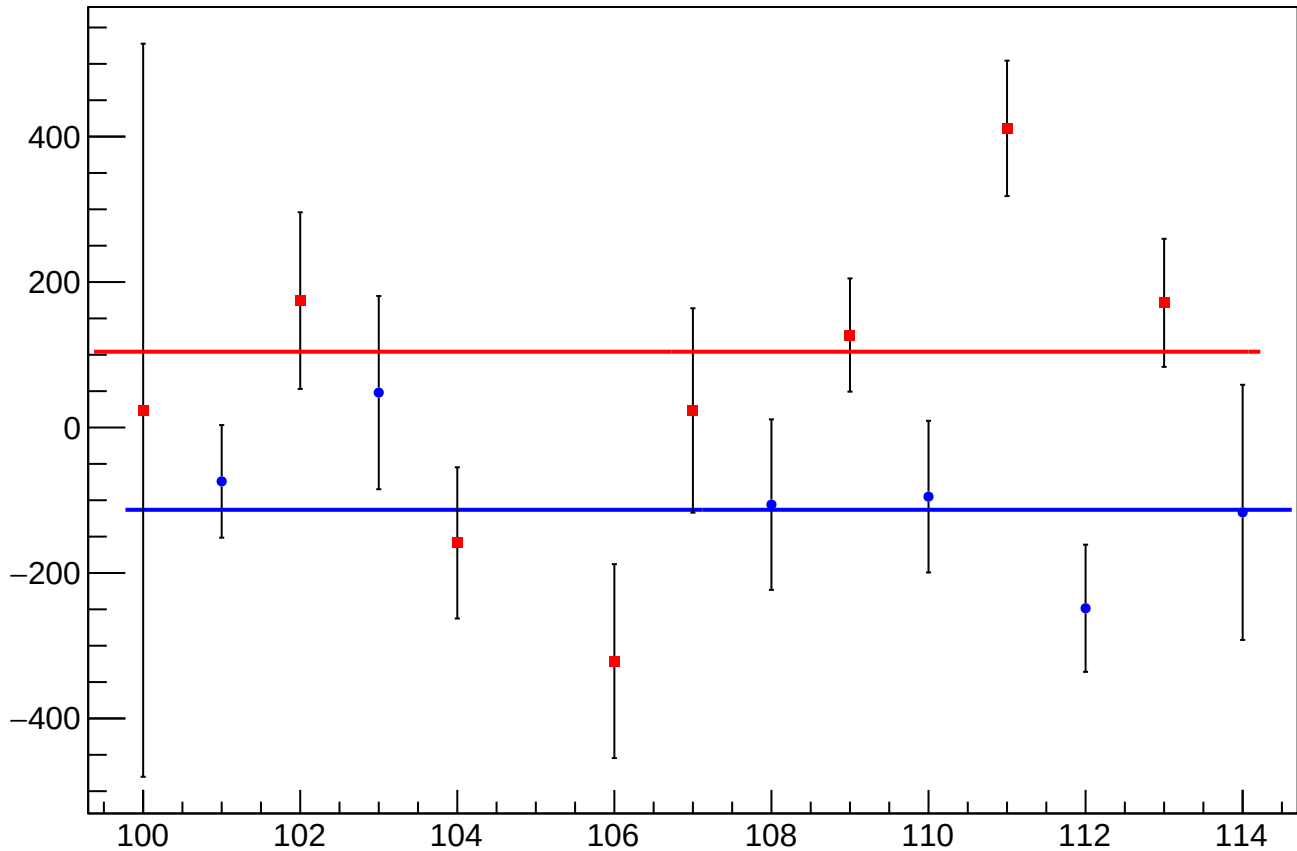
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.458+/-0.038 χ^2/NDF : 2521729.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_mean vs Slug



Right In: -113.110 $\pm$ 42.584 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.219 $\pm$ 38.334 χ^2 /NDF: 28.8/7

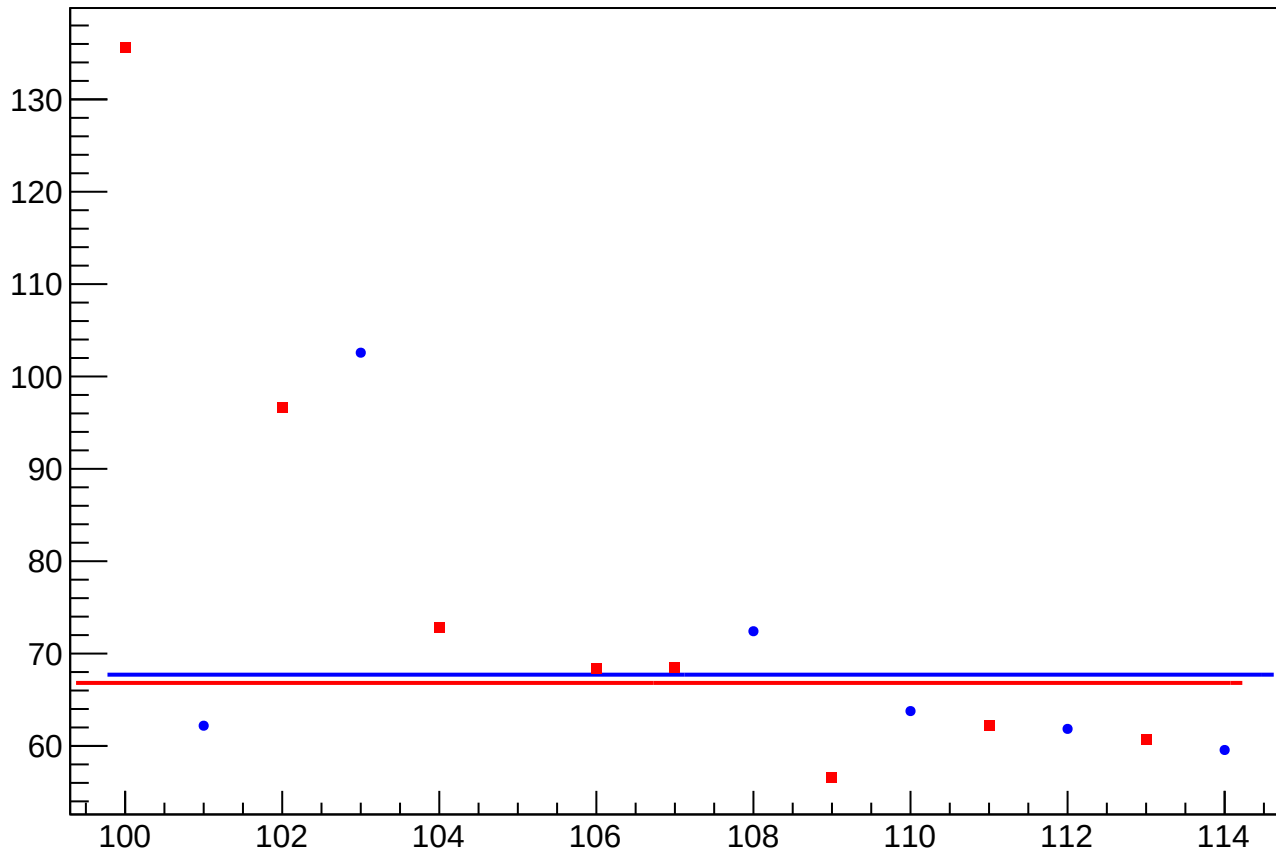
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.938 $\pm$ 28.491 χ^2 /NDF: 47.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 67.716+/-0.030 χ^2/NDF : 167237.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.823+/-0.027 χ^2/NDF : 213566.1/7

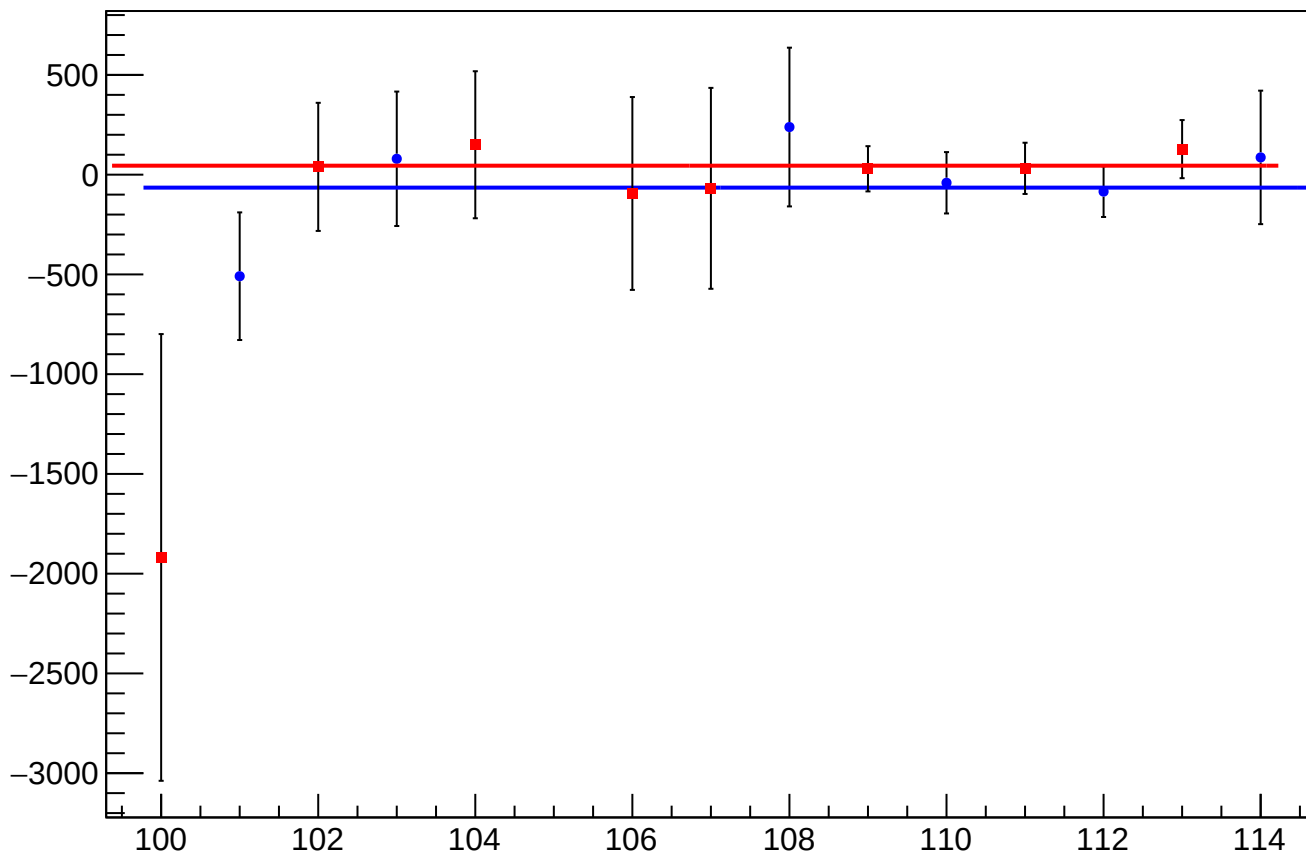
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.223+/-0.020 χ^2/NDF : 381289.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -64.947 ± 85.165 χ^2/NDF : 2.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 45.011 ± 68.730 χ^2/NDF : 3.6/7

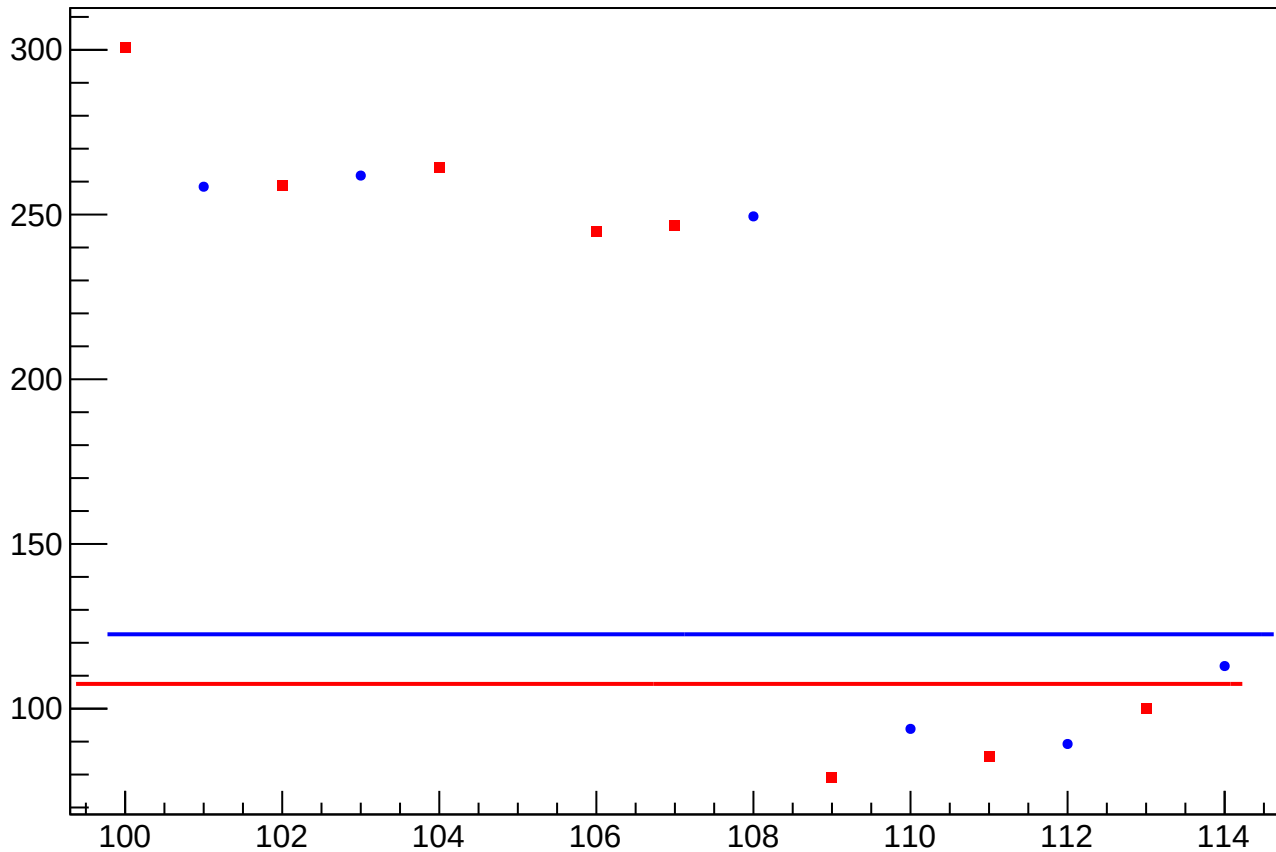
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.642 ± 53.485 χ^2/NDF : 7.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 122.579+/-0.060 χ^2/NDF : 1114286.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.517+/-0.049 χ^2/NDF : 1369558.4/7

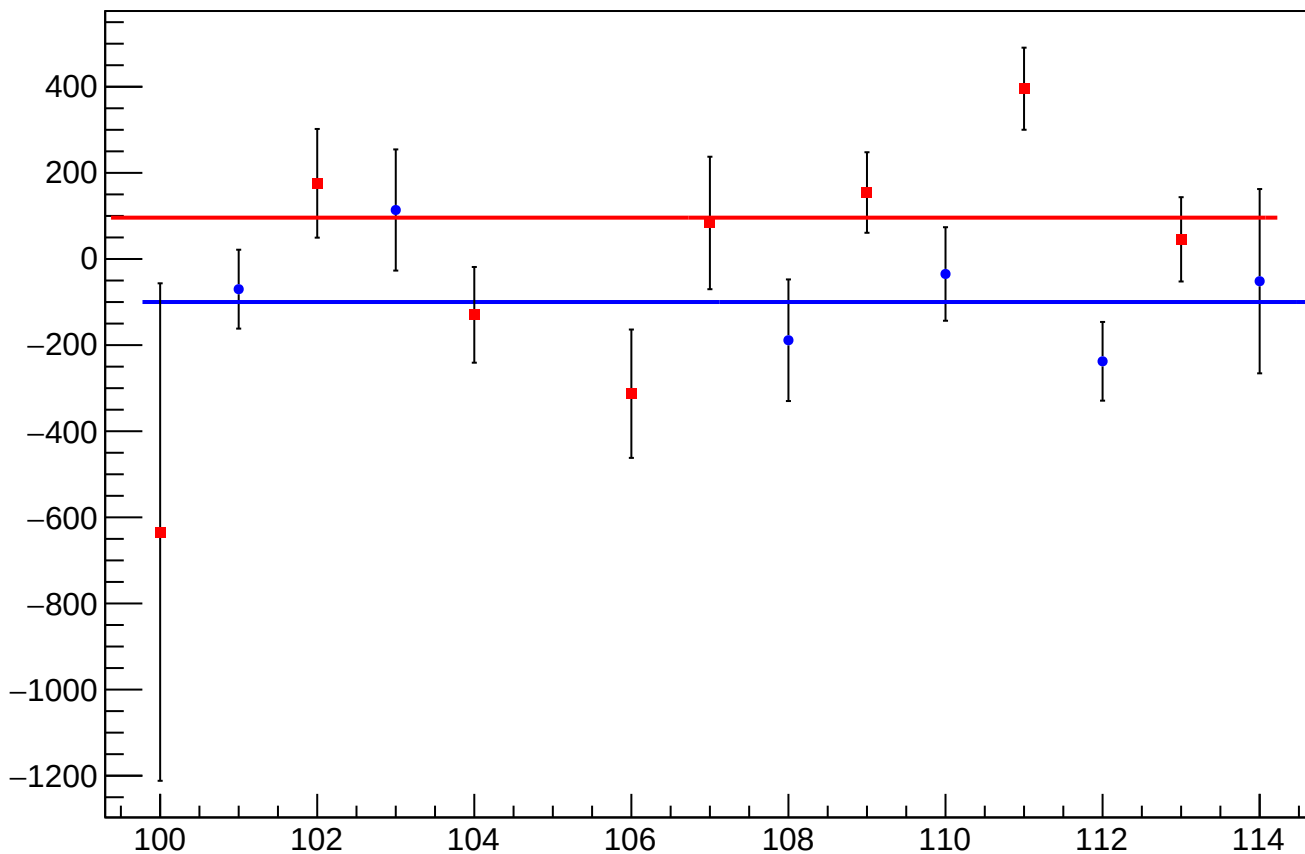
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.458+/-0.038 χ^2/NDF : 2521729.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_mean vs Slug



Right In: -99.909 ± 47.348 χ^2/NDF : 5.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 96.010 ± 42.157 χ^2/NDF : 24.2/7

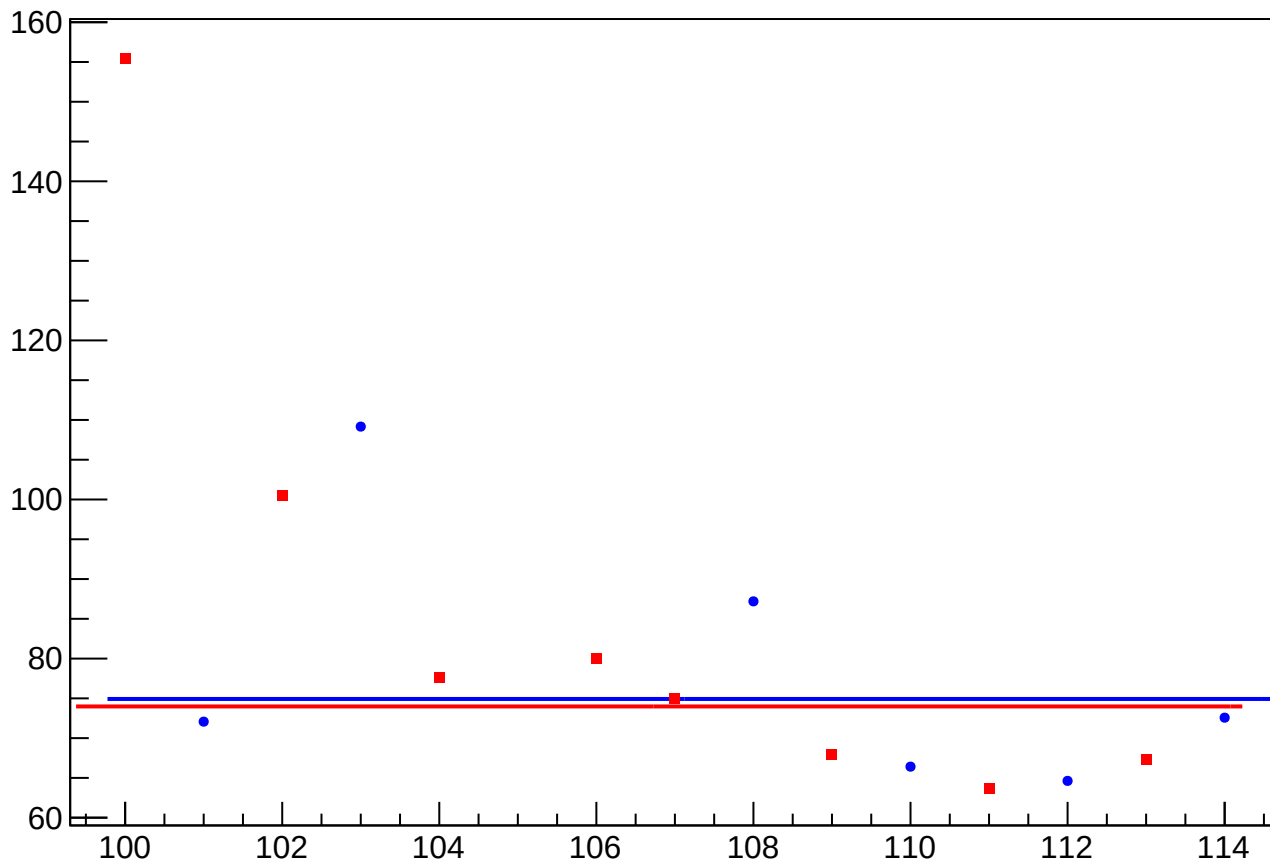
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.375 ± 31.485 χ^2/NDF : 39.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 74.925+/-0.033 χ^2/NDF : 173360.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.984+/-0.030 χ^2/NDF : 174050.9/7

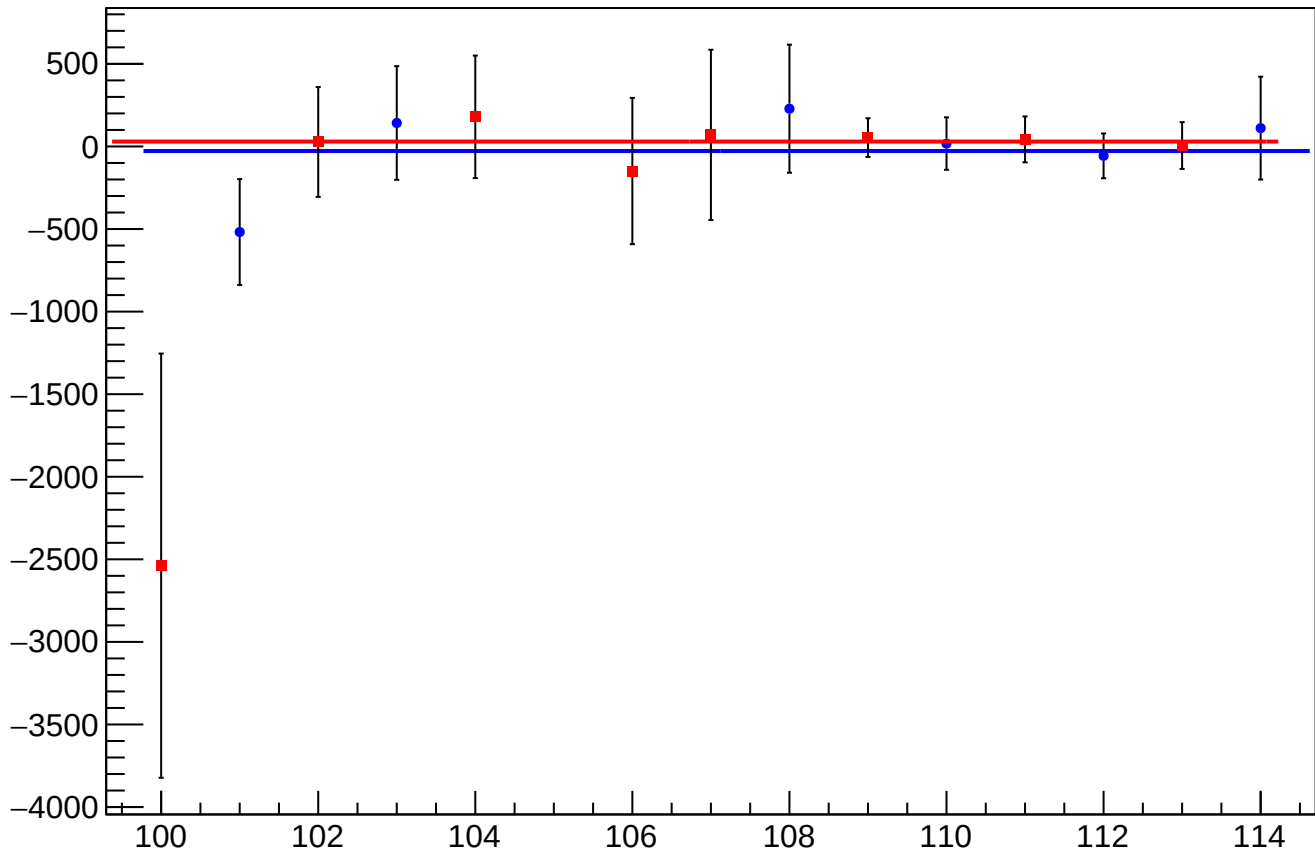
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.400+/-0.022 χ^2/NDF : 347851.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -27.736 $\pm$ 87.984 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.539 $\pm$ 70.652 χ^2 /NDF: 4.4/7

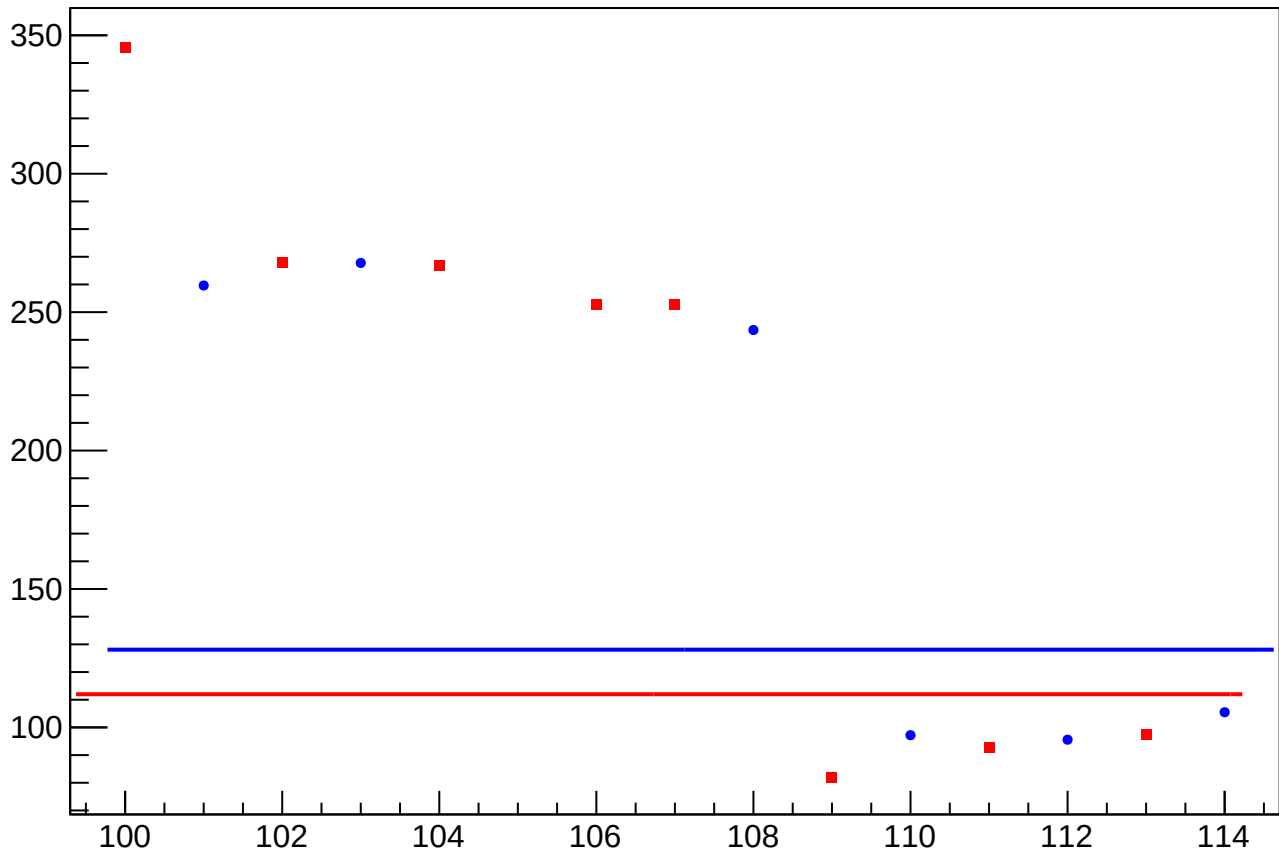
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.086 $\pm$ 55.089 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 128.086 $\pm$ 0.062 χ^2 /NDF: 1044805.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.987 $\pm$ 0.050 χ^2 /NDF: 1398503.3/7

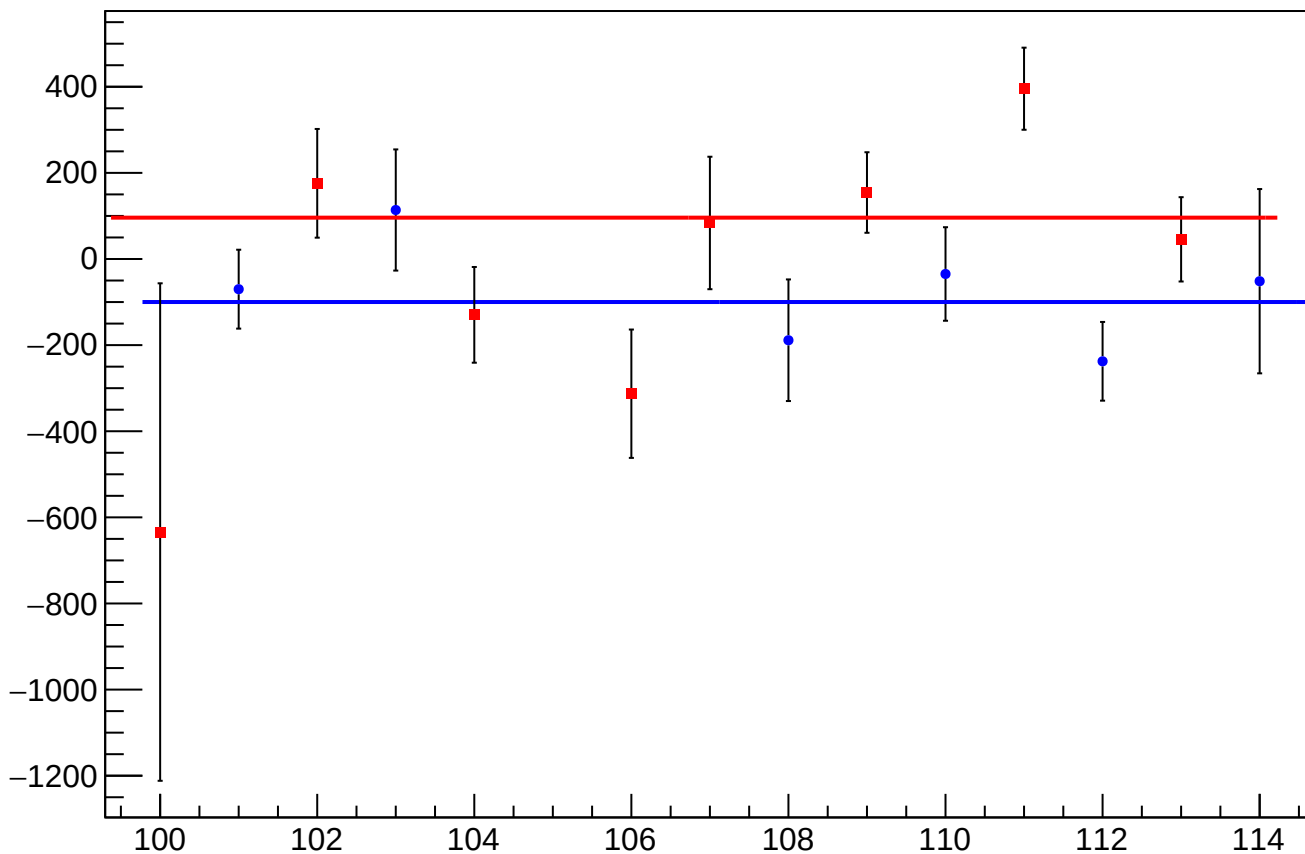
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.298 $\pm$ 0.039 χ^2 /NDF: 2484018.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -99.907 ± 47.348 χ^2/NDF : 5.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 96.012 ± 42.157 χ^2/NDF : 24.2/7

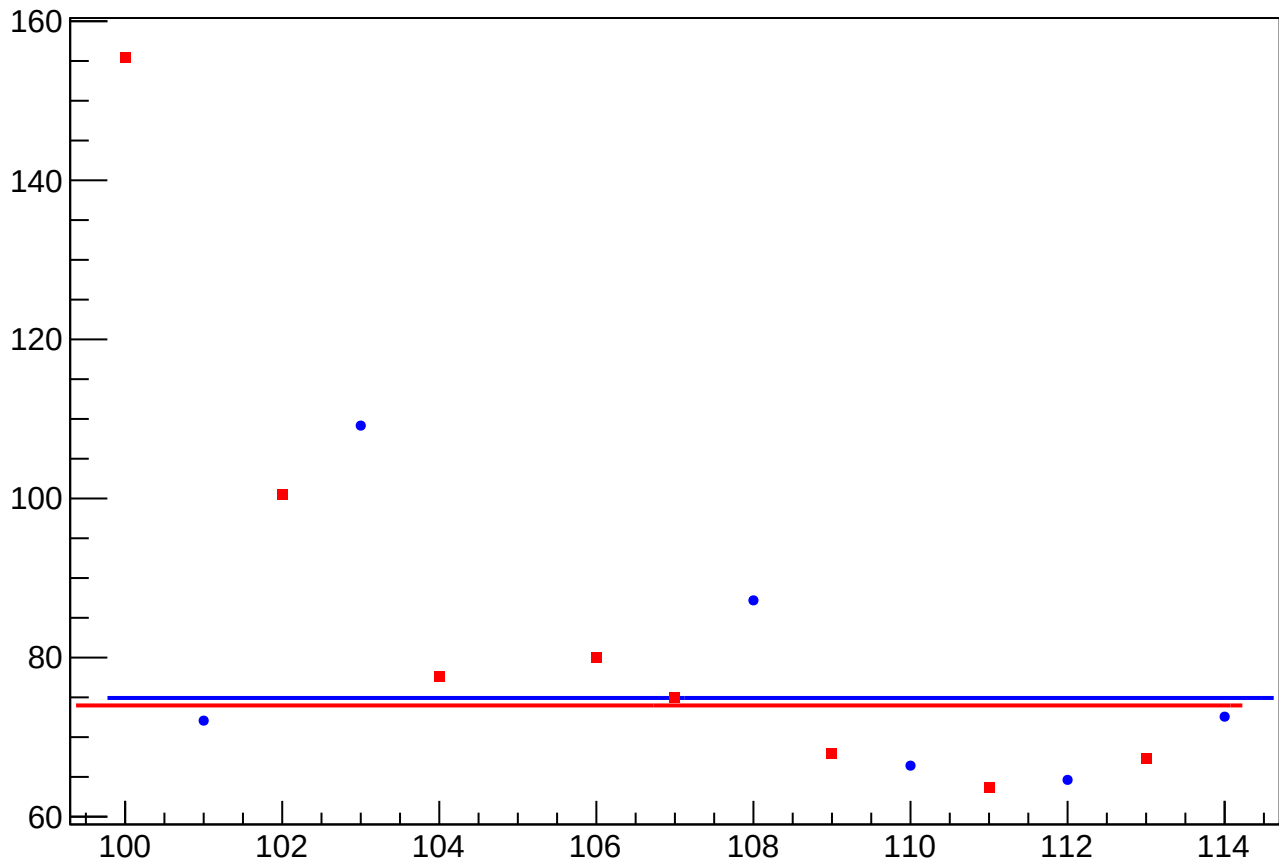
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.377 ± 31.485 χ^2/NDF : 39.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 74.925+/-0.033 χ^2/NDF : 173361.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.984+/-0.030 χ^2/NDF : 174052.7/7

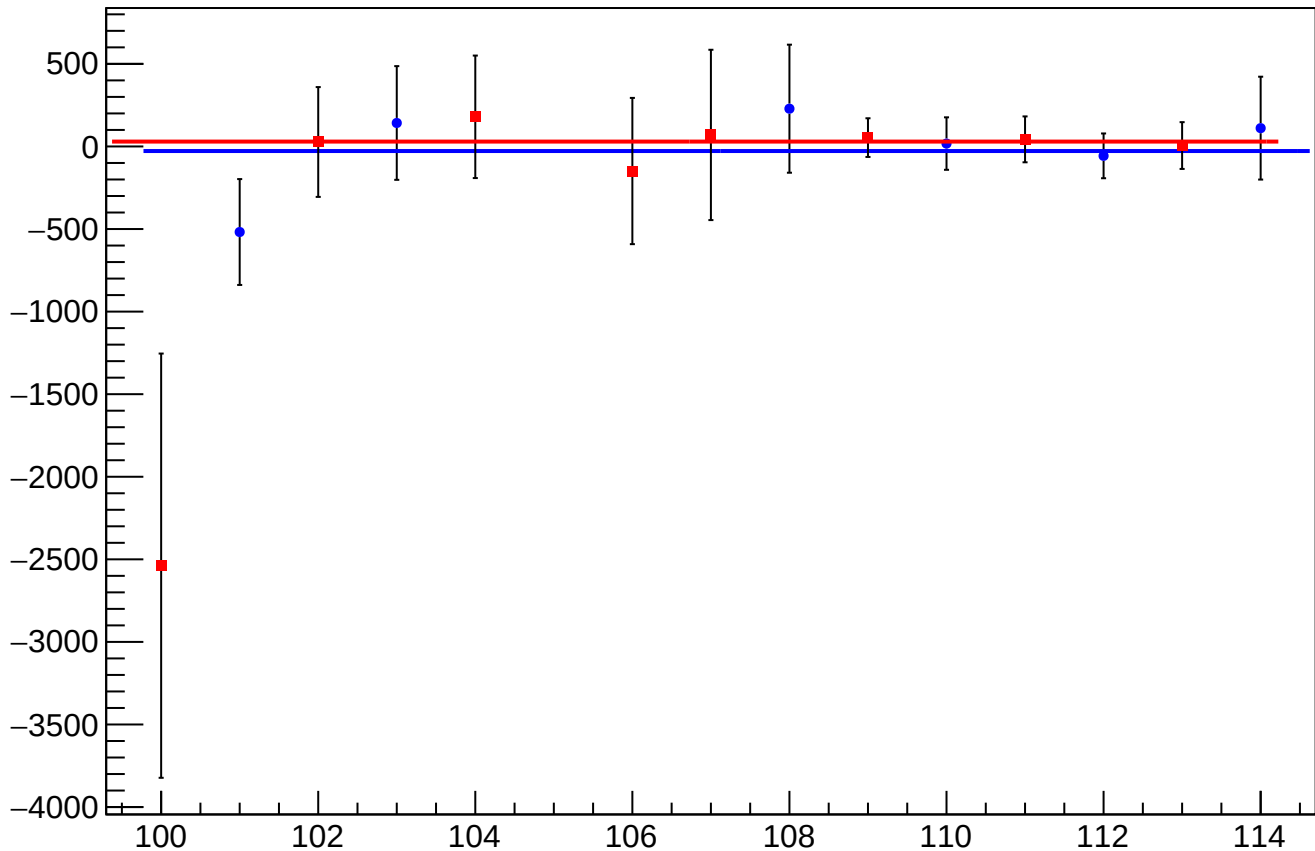
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.400+/-0.022 χ^2/NDF : 347855.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -27.735 ± 87.984 χ^2/NDF : 3.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.541 ± 70.652 χ^2/NDF : 4.4/7

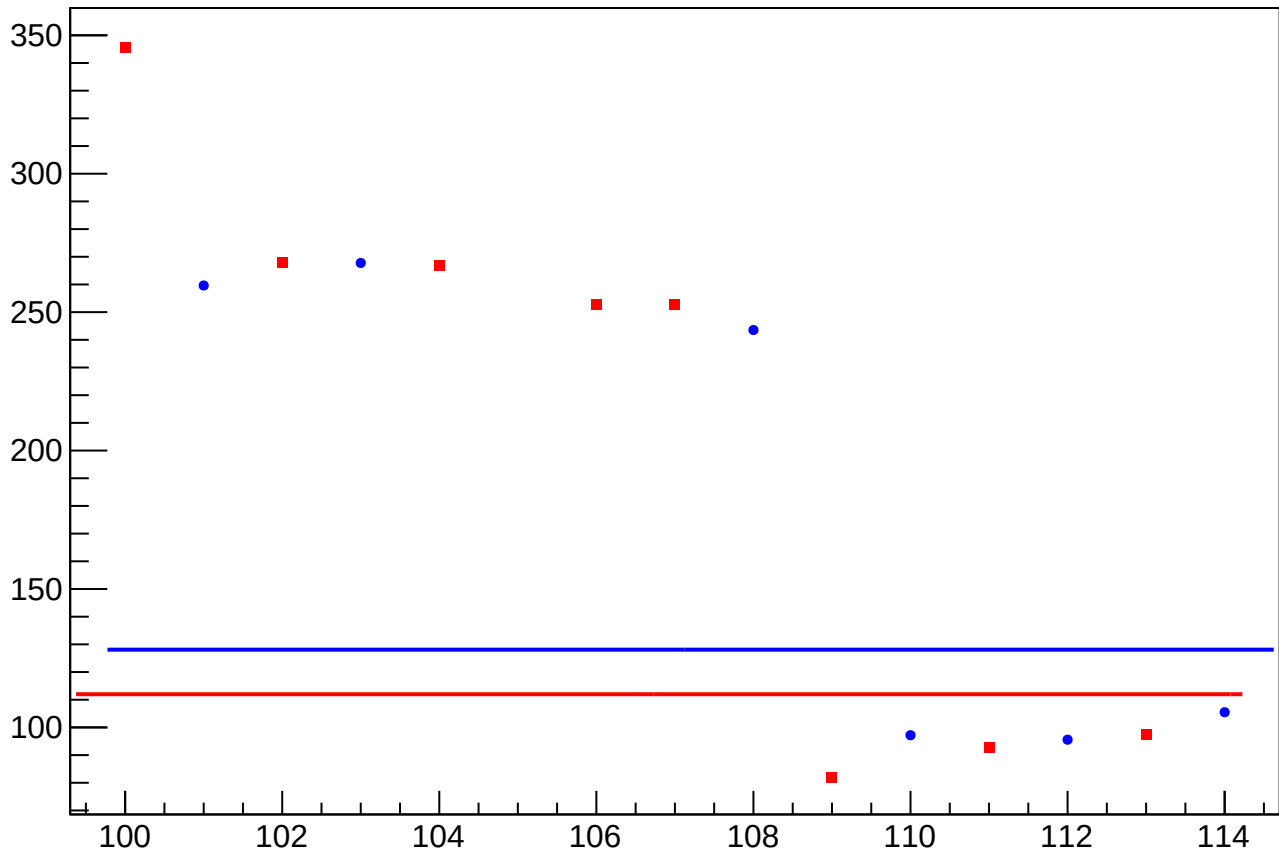
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.087 ± 55.089 χ^2/NDF : 8.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 128.085 $\pm$ 0.062 χ^2 /NDF: 1044806.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.987 $\pm$ 0.050 χ^2 /NDF: 1398489.4/7

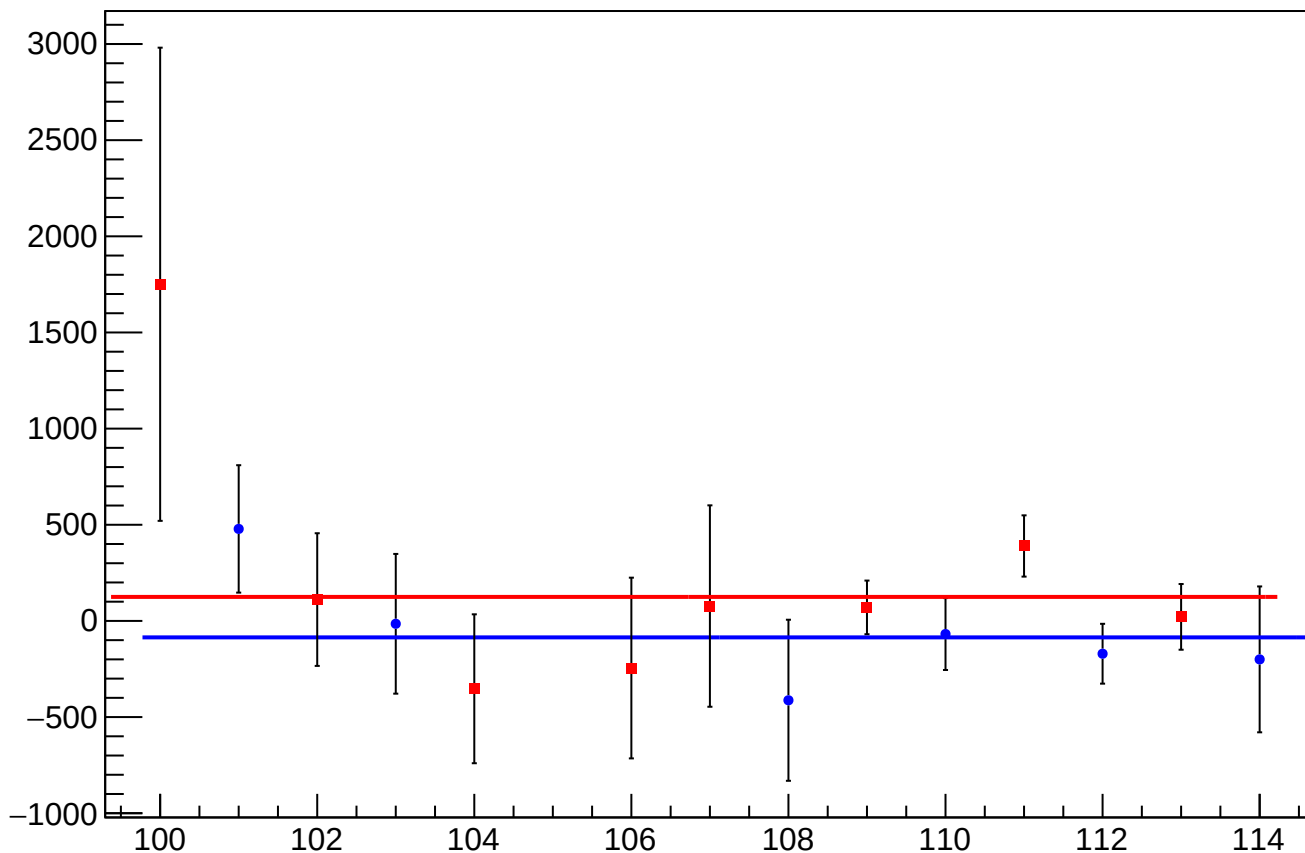
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.298 $\pm$ 0.039 χ^2 /NDF: 2484001.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_mean vs Slug



Right In: -85.601 ± 100.375 χ^2/NDF : 3.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 124.859 ± 81.926 χ^2/NDF : 7.2/7

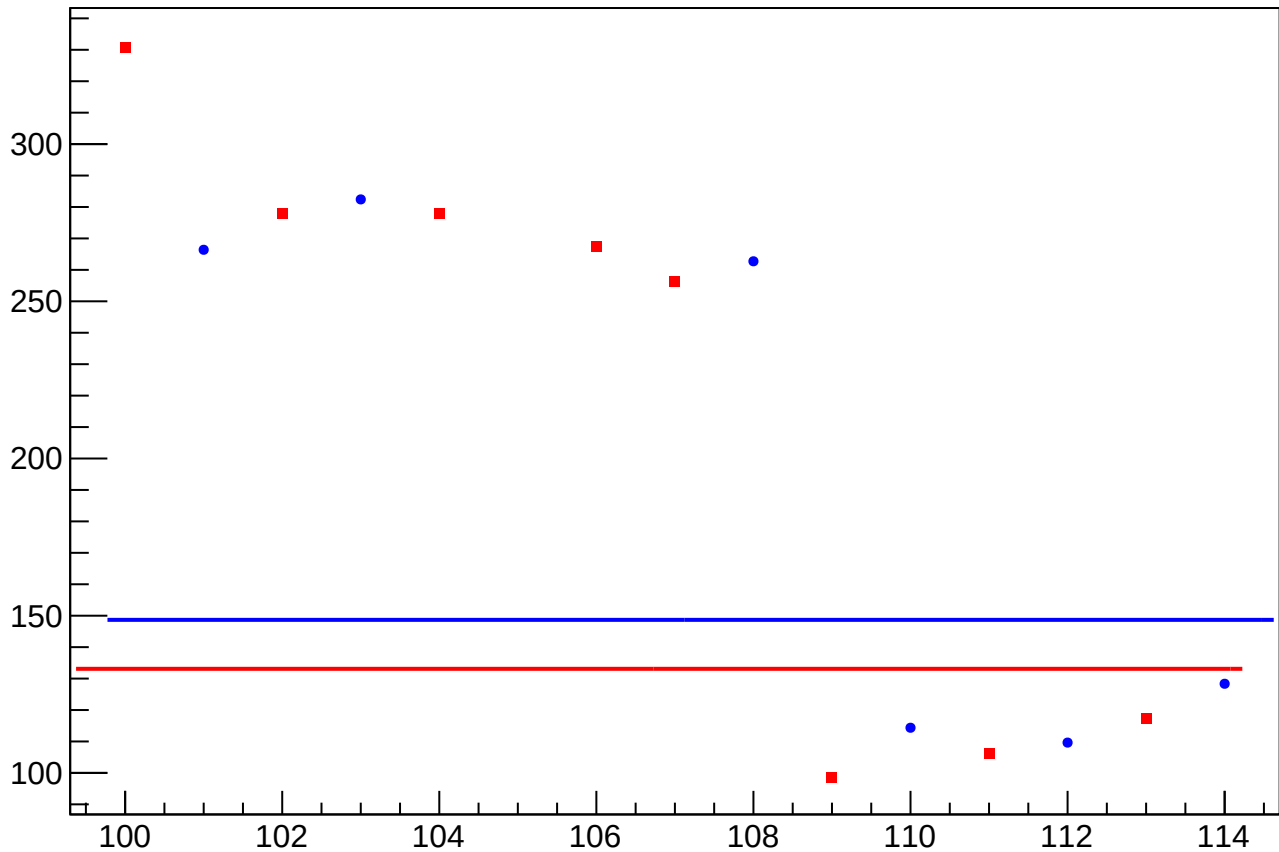
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 40.711 ± 63.469 χ^2/NDF : 13.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_rms vs Slug



Right In: 148.680 $\pm$ 0.071 χ^2 /NDF: 870835.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.109 $\pm$ 0.058 χ^2 /NDF: 1155126.8/7

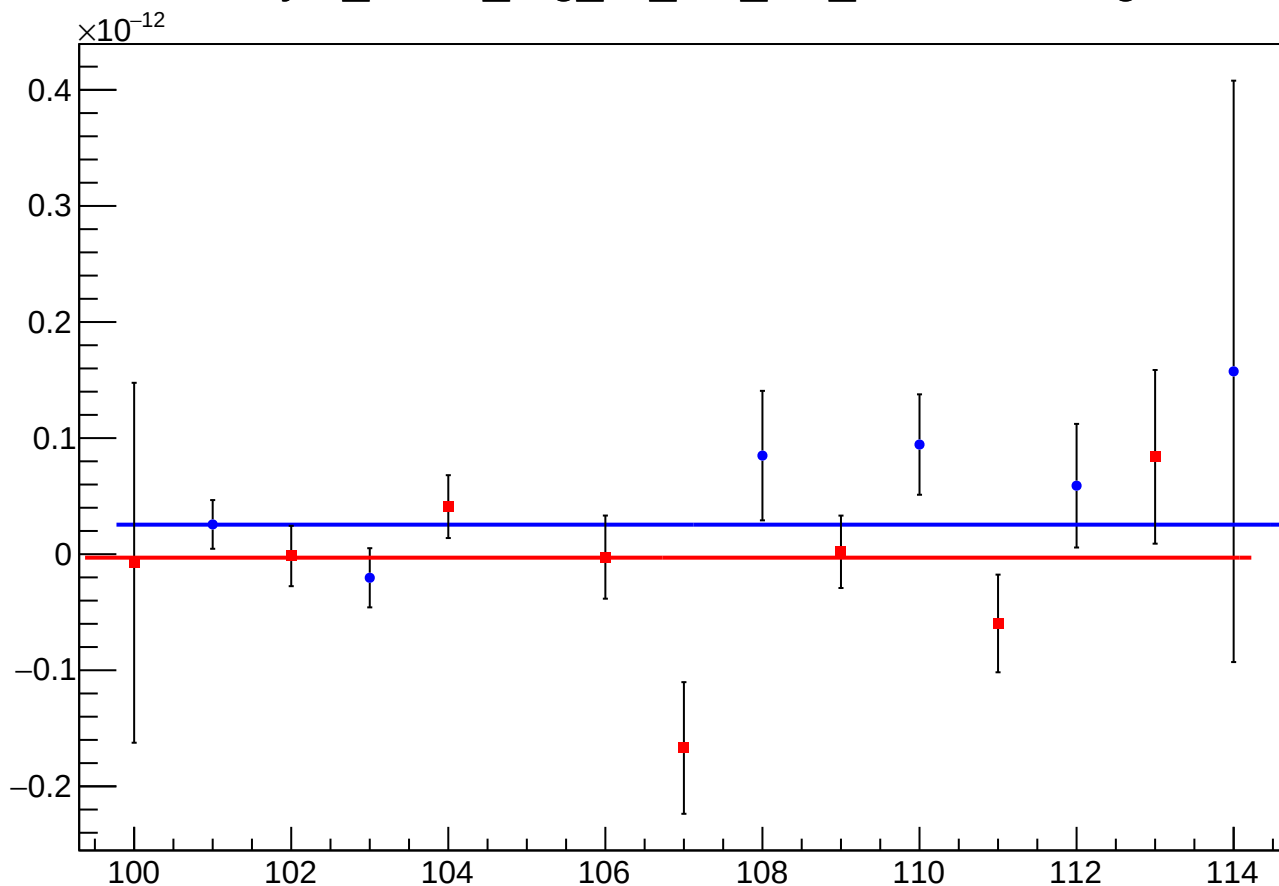
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.335 $\pm$ 0.045 χ^2 /NDF: 2054848.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 14.2/7

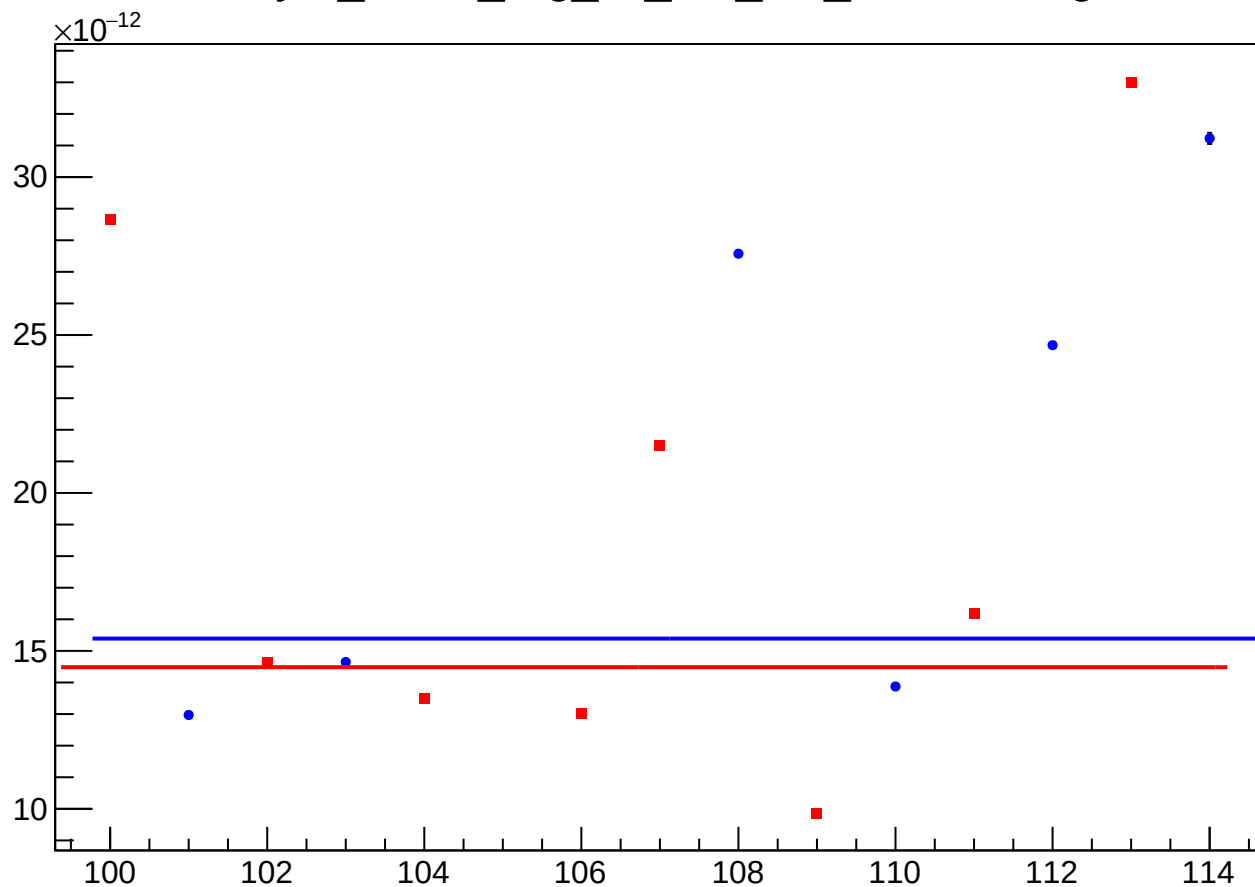
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 23.9/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 195057.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223087.8/7

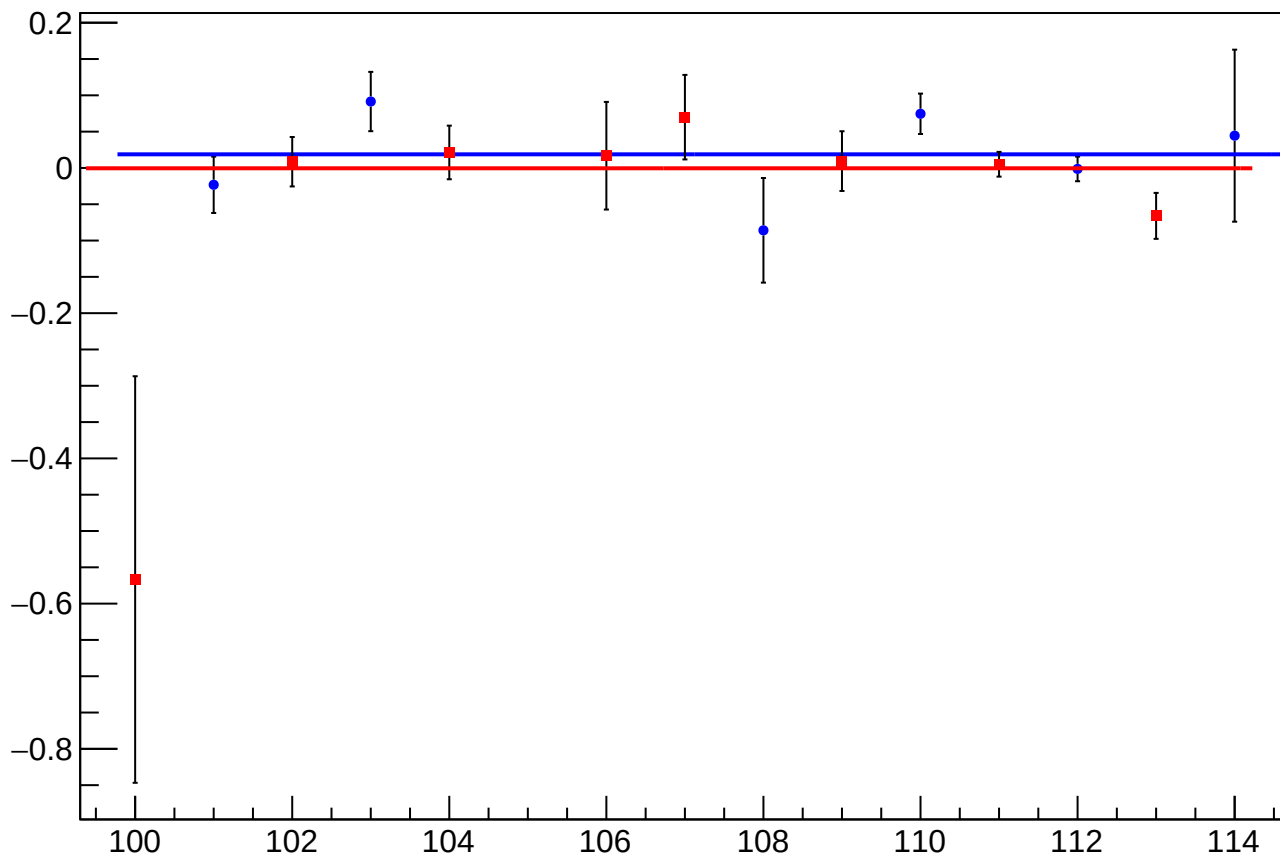
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 422553.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.013 χ^2 /NDF: 11.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.012 χ^2 /NDF: 10.5/7

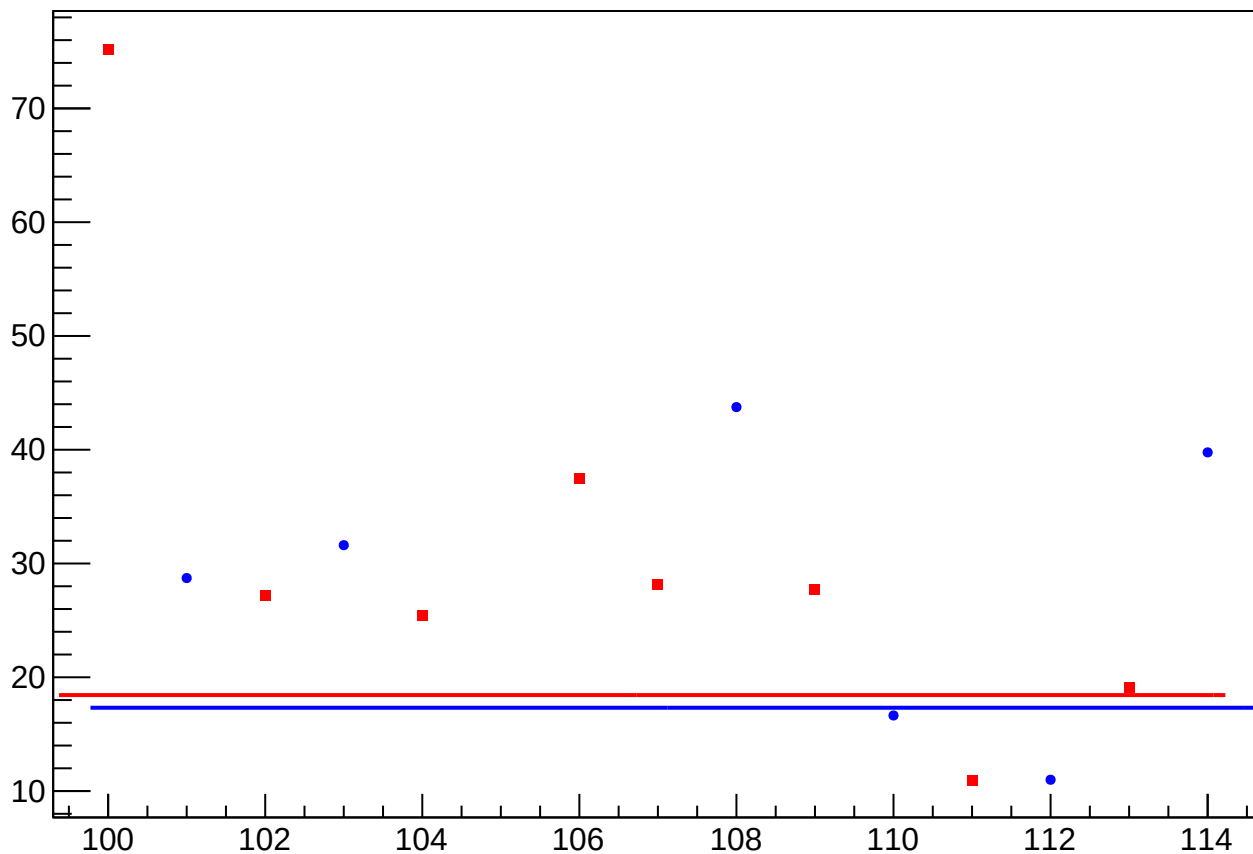
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 17.323+/-0.009 χ^2/NDF : 1036946.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.436+/-0.008 χ^2/NDF : 966256.0/7

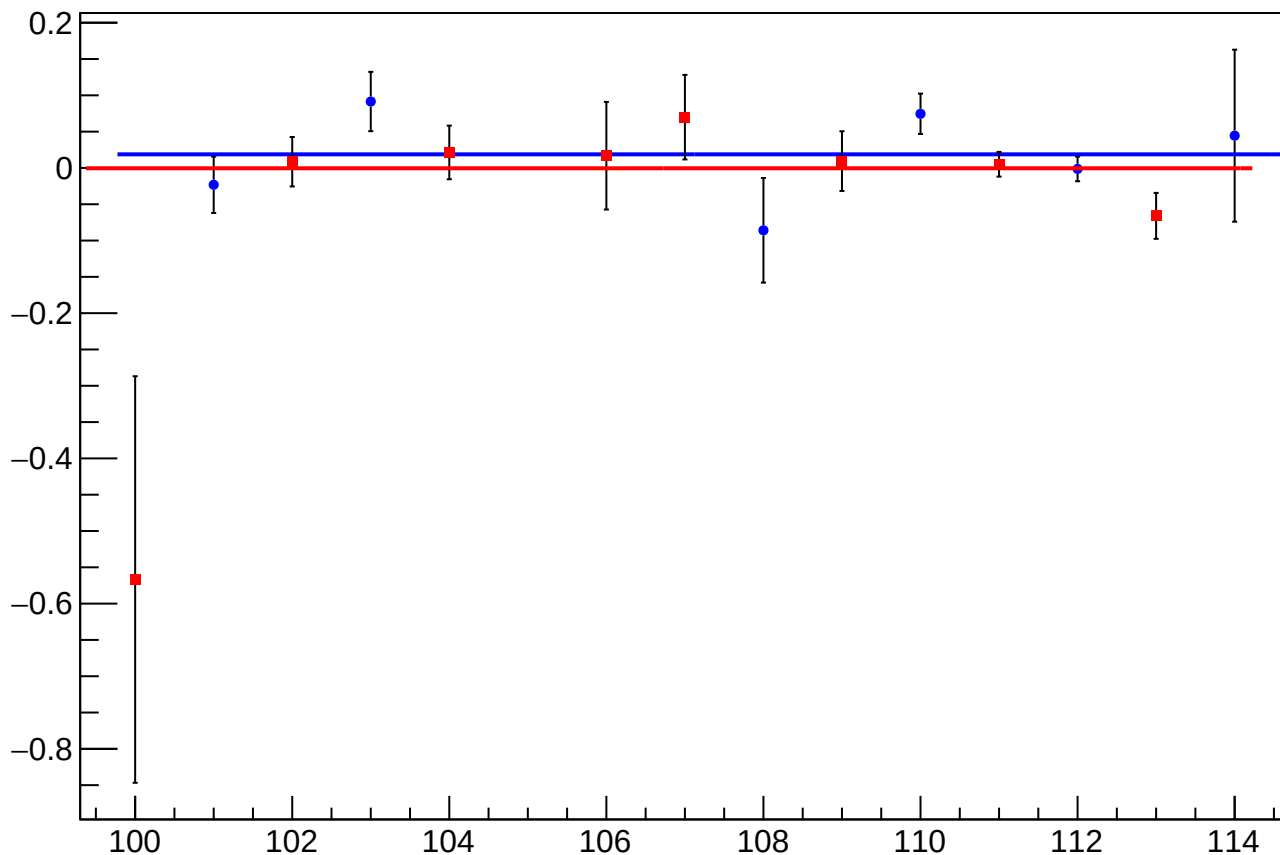
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.914+/-0.006 χ^2/NDF : 2011467.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.013 χ^2 /NDF: 11.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.012 χ^2 /NDF: 10.5/7

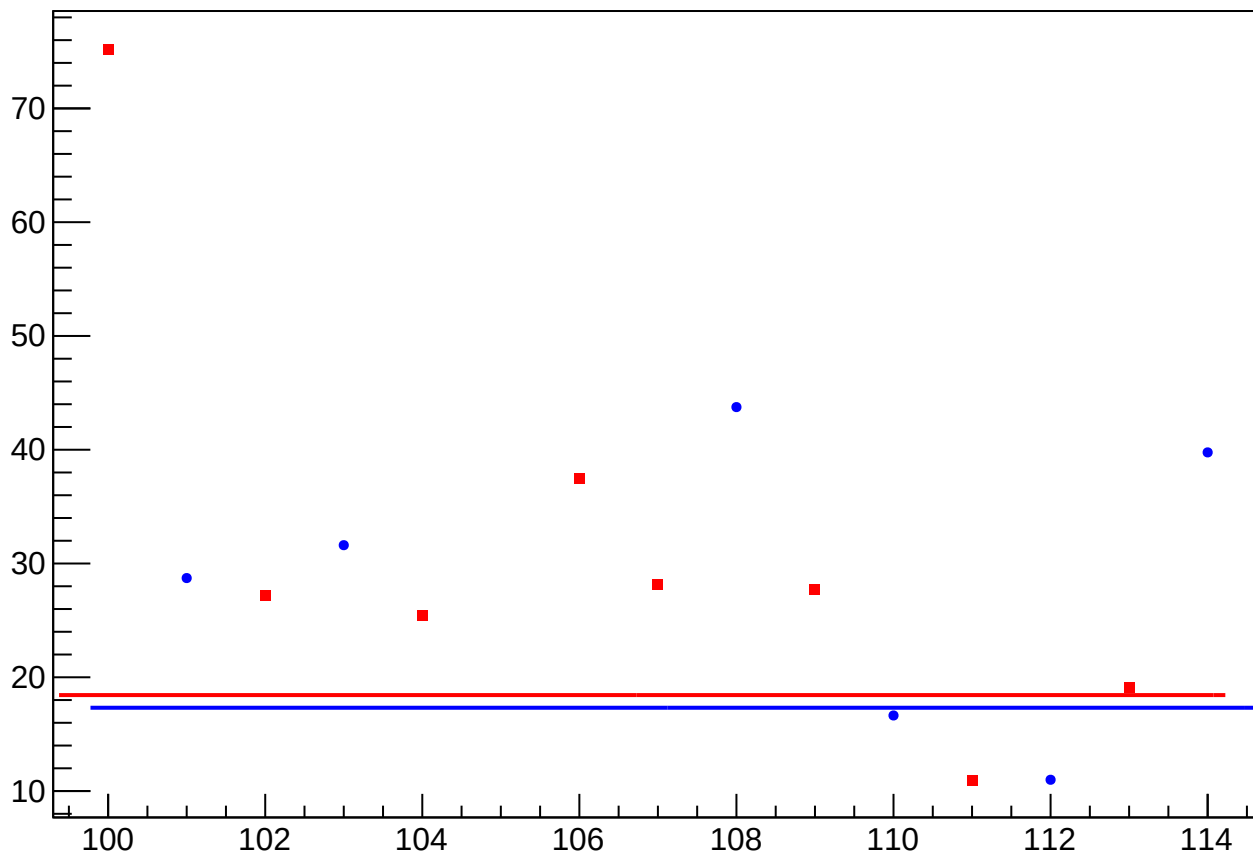
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.323+/-0.009 χ^2/NDF : 1036946.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.436+/-0.008 χ^2/NDF : 966256.0/7

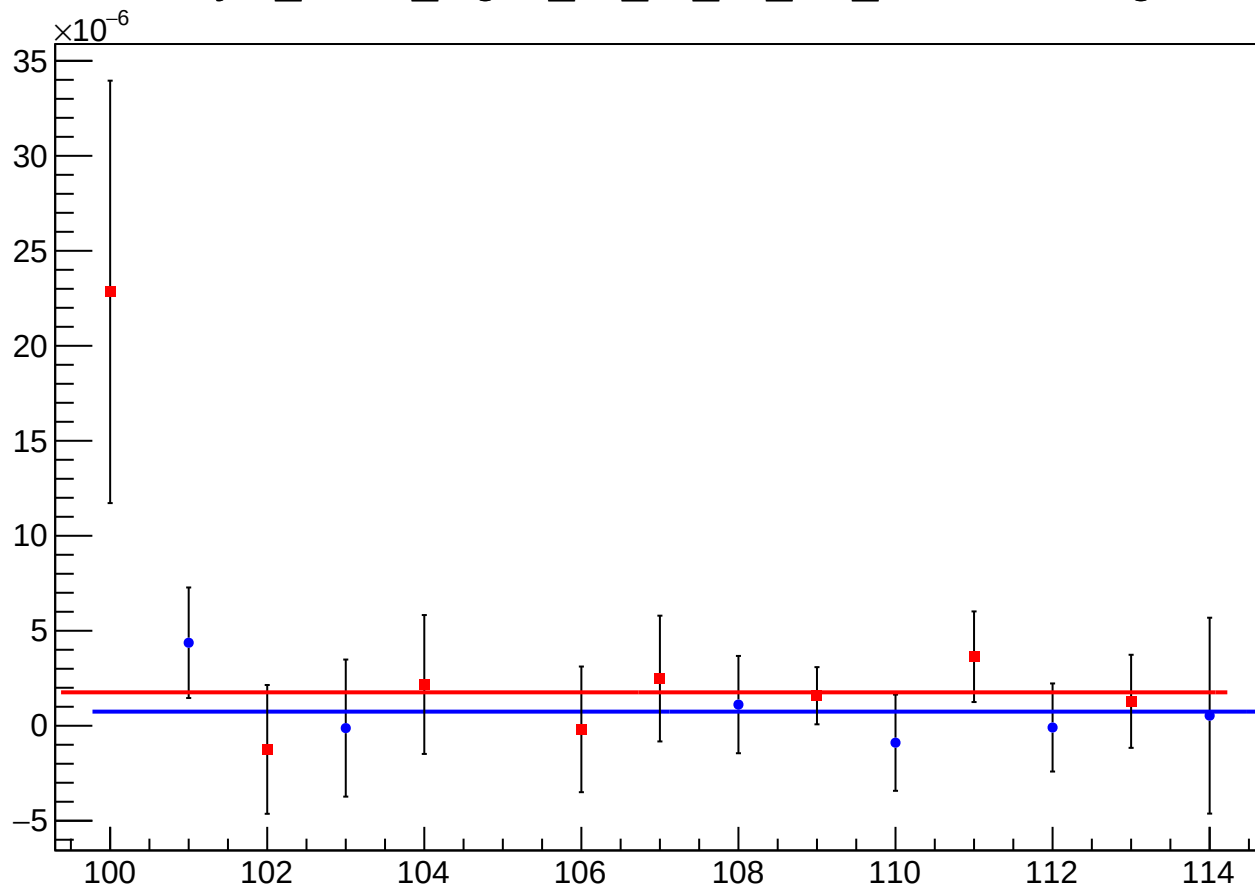
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.914+/-0.006 χ^2/NDF : 2011467.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/7

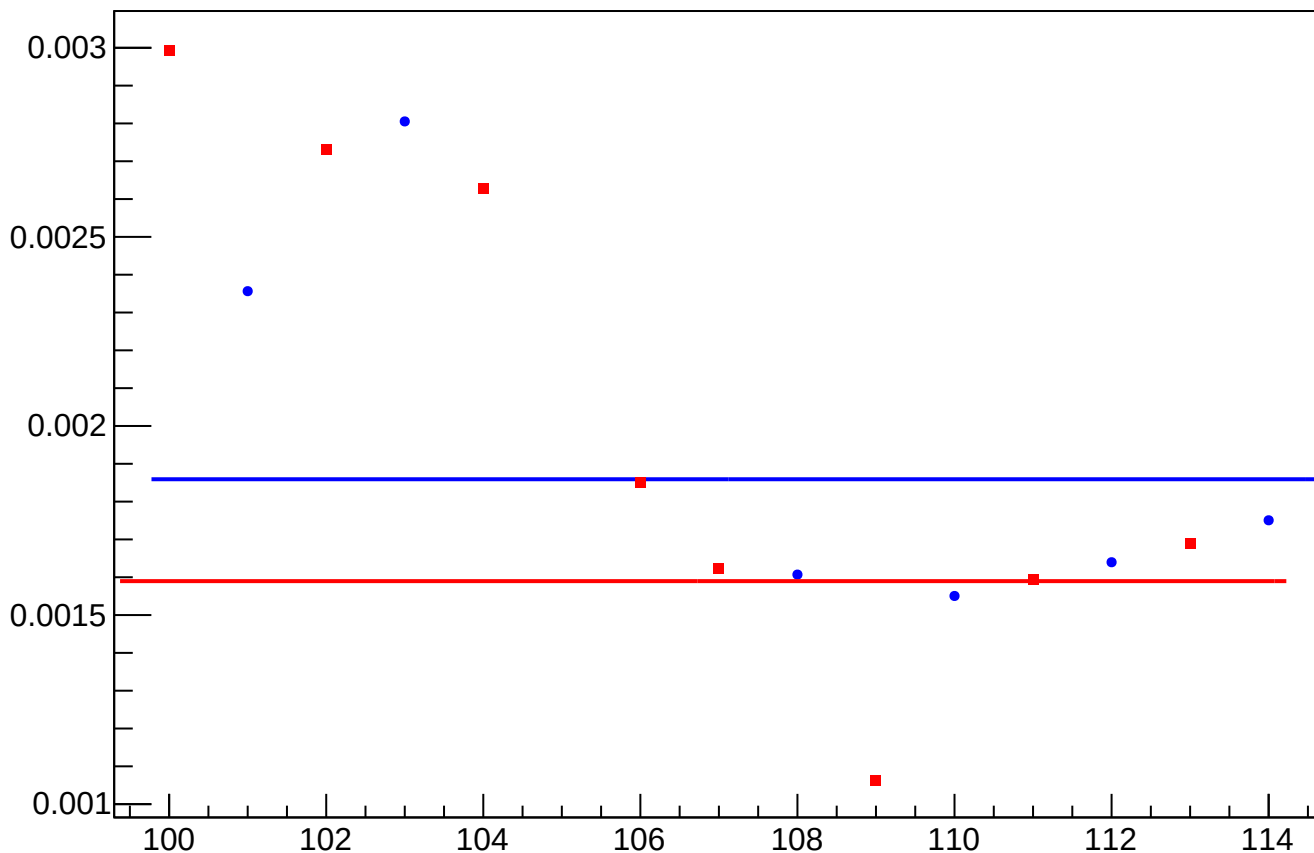
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 263893.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 680738.1/7

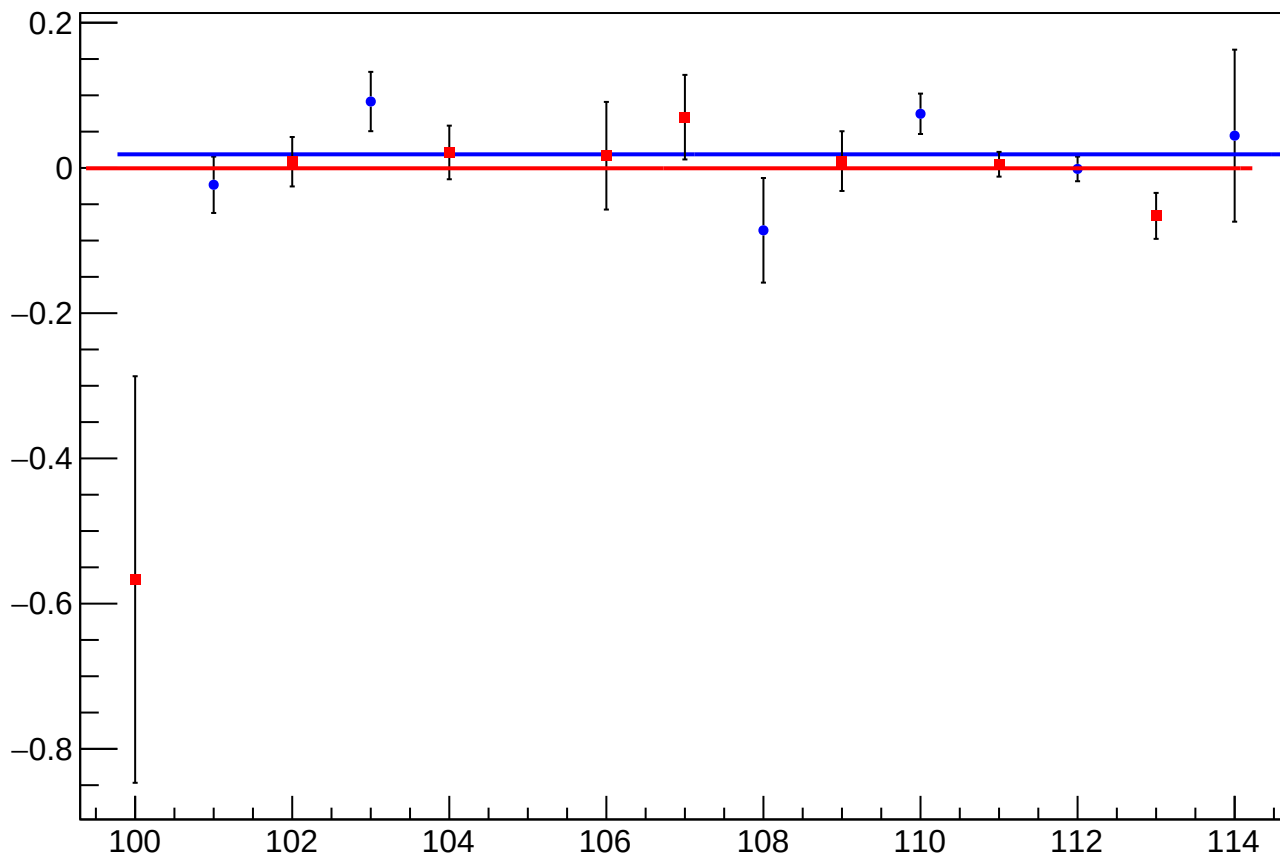
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 1008993.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.013 χ^2 /NDF: 11.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.012 χ^2 /NDF: 10.5/7

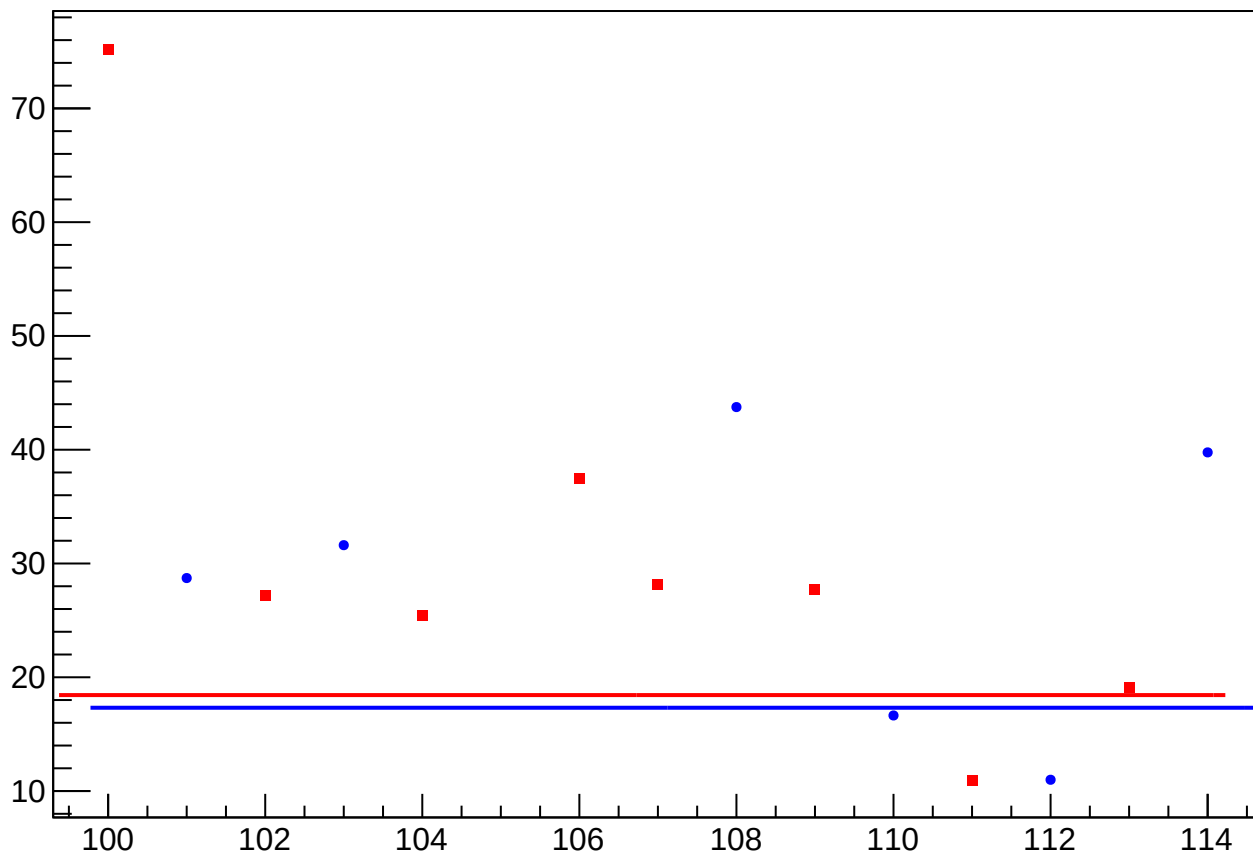
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 17.322+/-0.009 χ^2/NDF : 1037038.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.435+/-0.008 χ^2/NDF : 966369.3/7

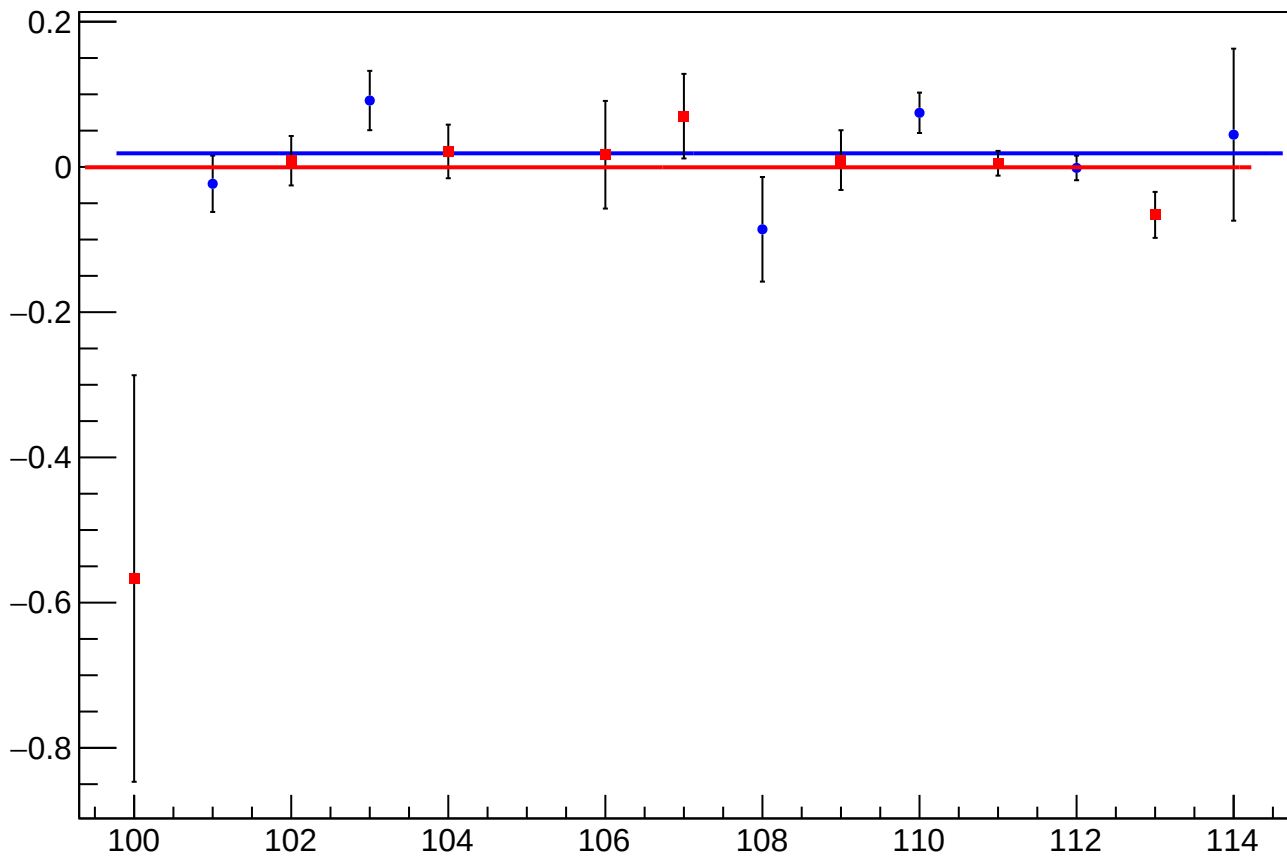
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.913+/-0.006 χ^2/NDF : 2011675.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.013 χ^2 /NDF: 11.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.012 χ^2 /NDF: 10.5/7

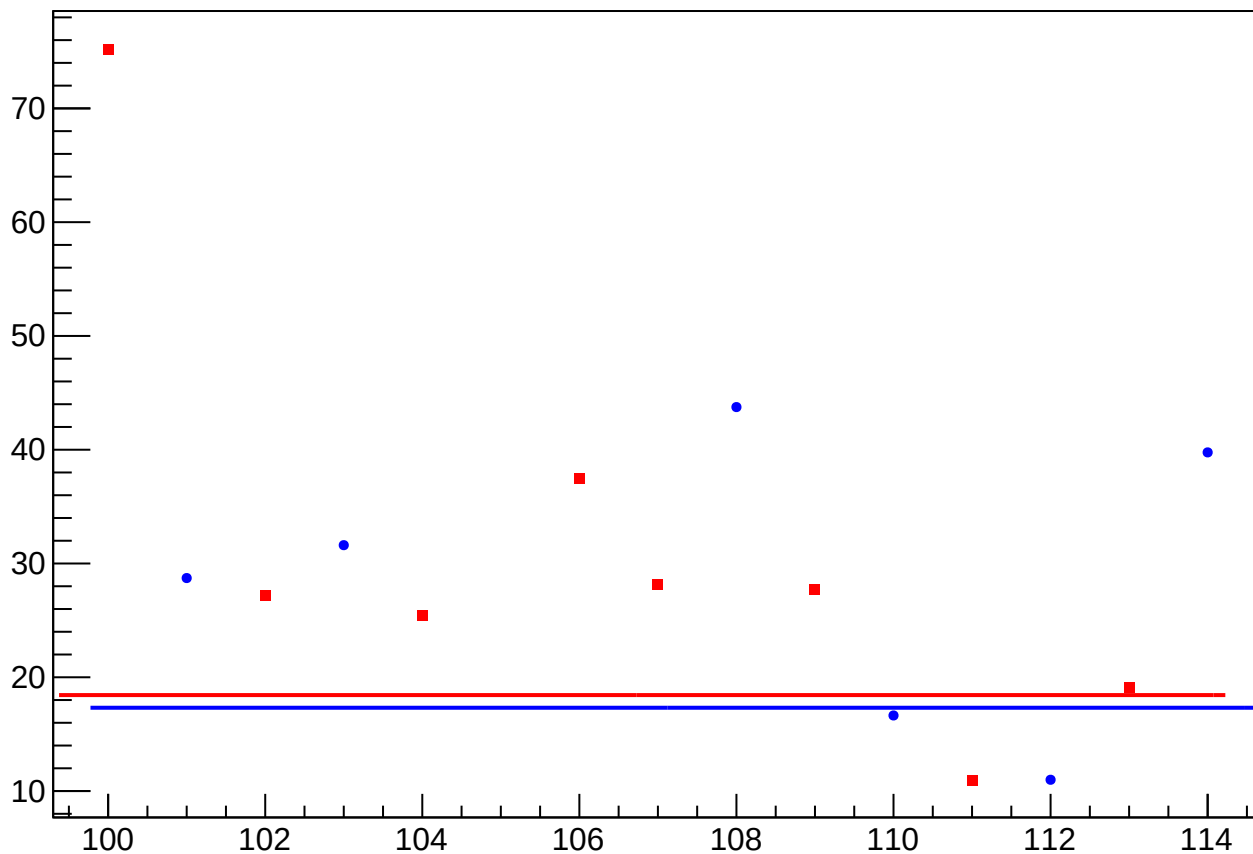
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.322+/-0.009 χ^2/NDF : 1037038.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.435+/-0.008 χ^2/NDF : 966369.3/7

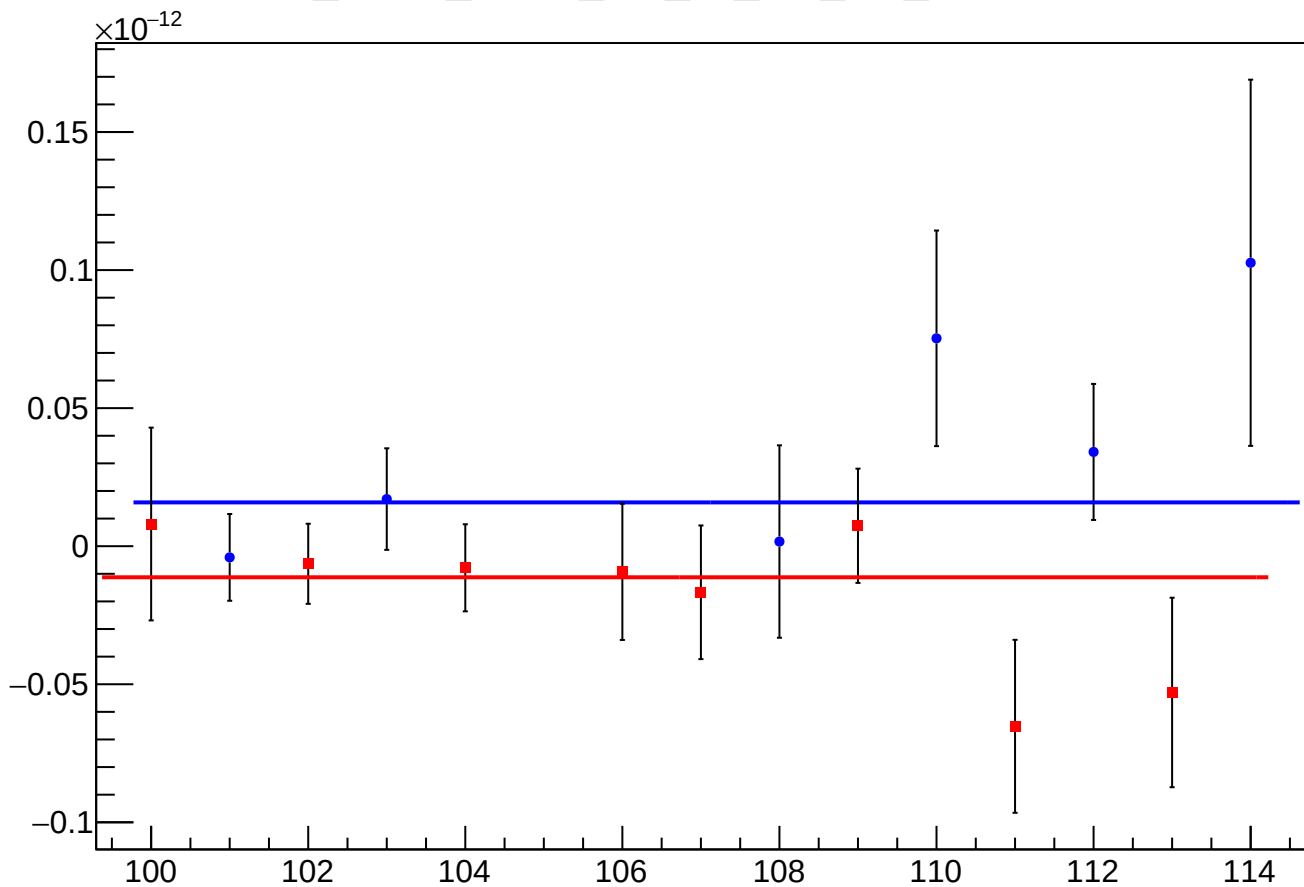
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.913+/-0.006 χ^2/NDF : 2011675.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 6.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/7

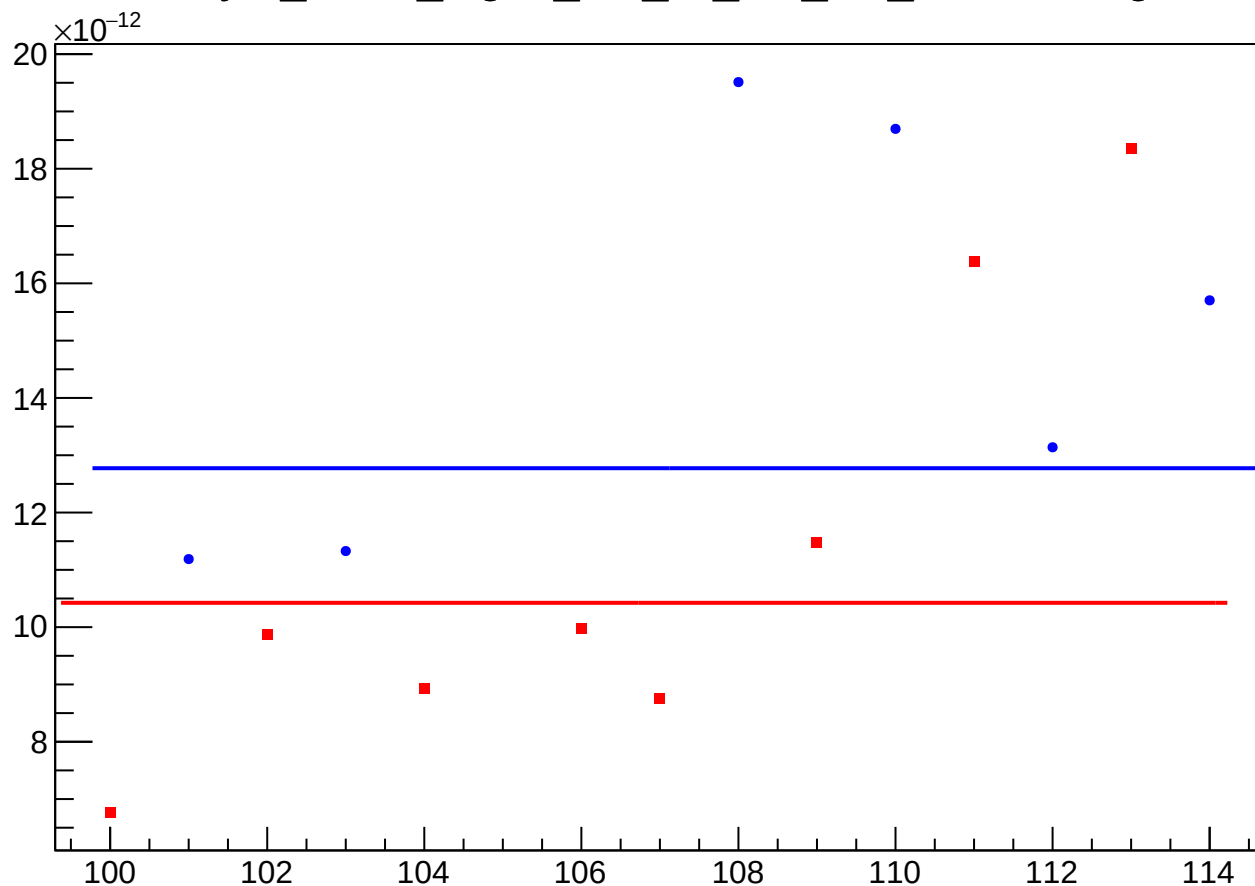
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 157901.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 237477.9/7

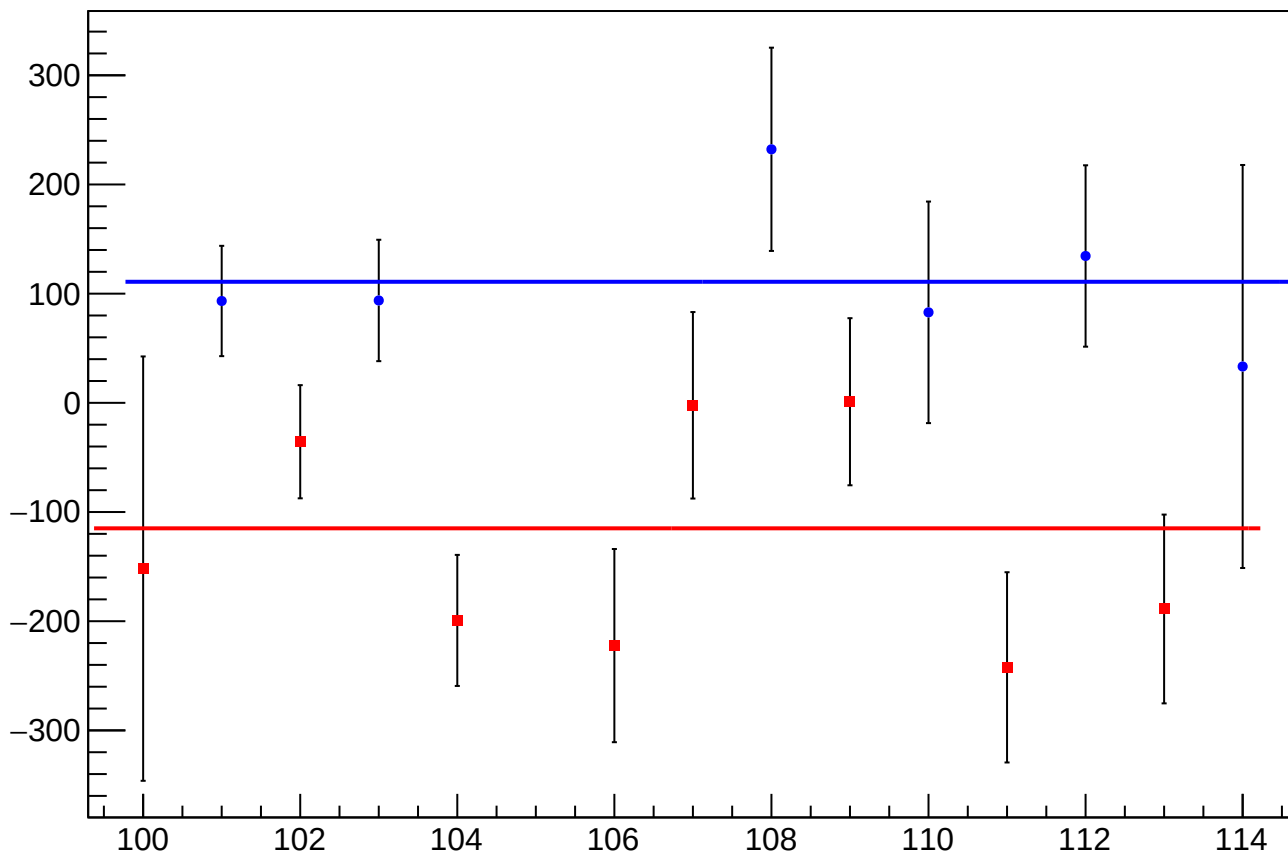
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 466666.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 110.882 $\pm$ 30.121 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.936 $\pm$ 26.945 χ^2 /NDF: 12.7/7

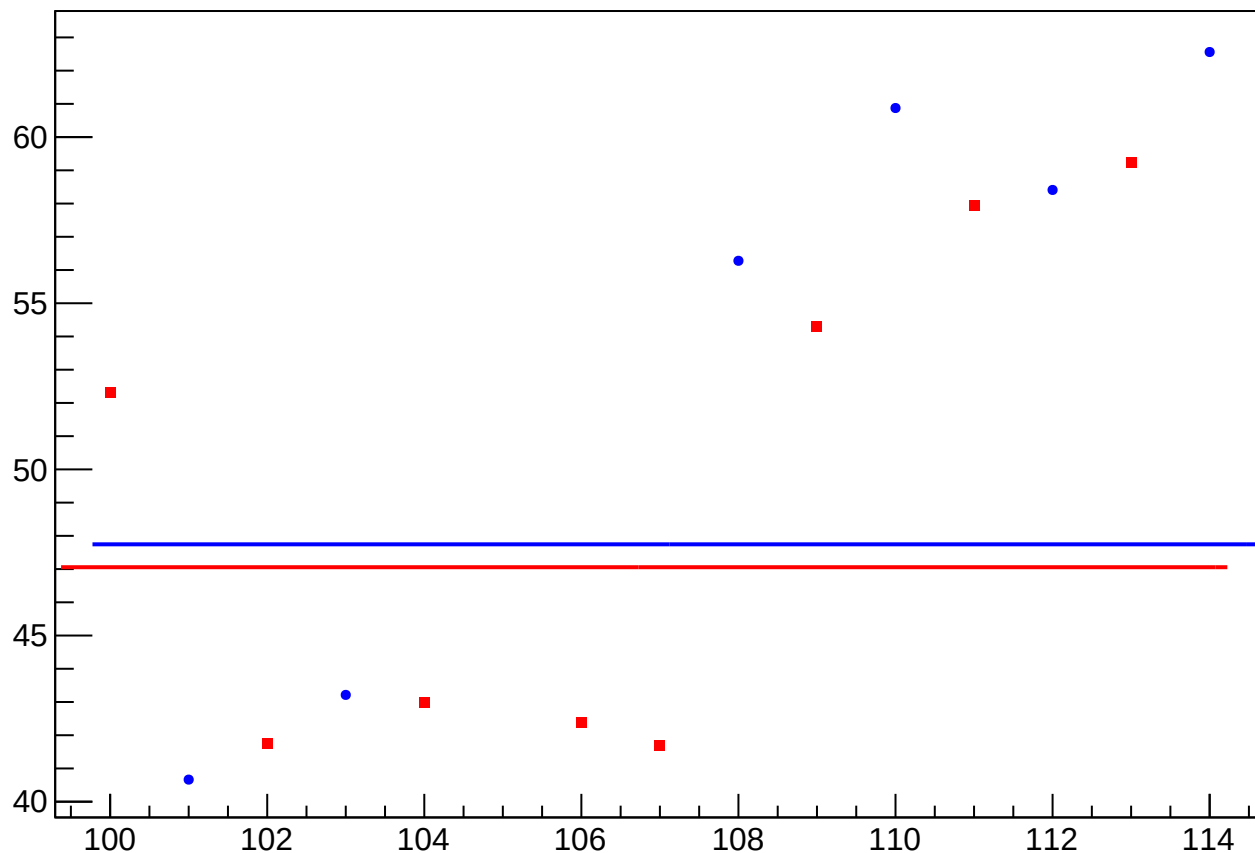
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.557 $\pm$ 20.082 χ^2 /NDF: 46.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 47.745+/-0.021 χ^2/NDF : 148726.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.056+/-0.019 χ^2/NDF : 134066.7/7

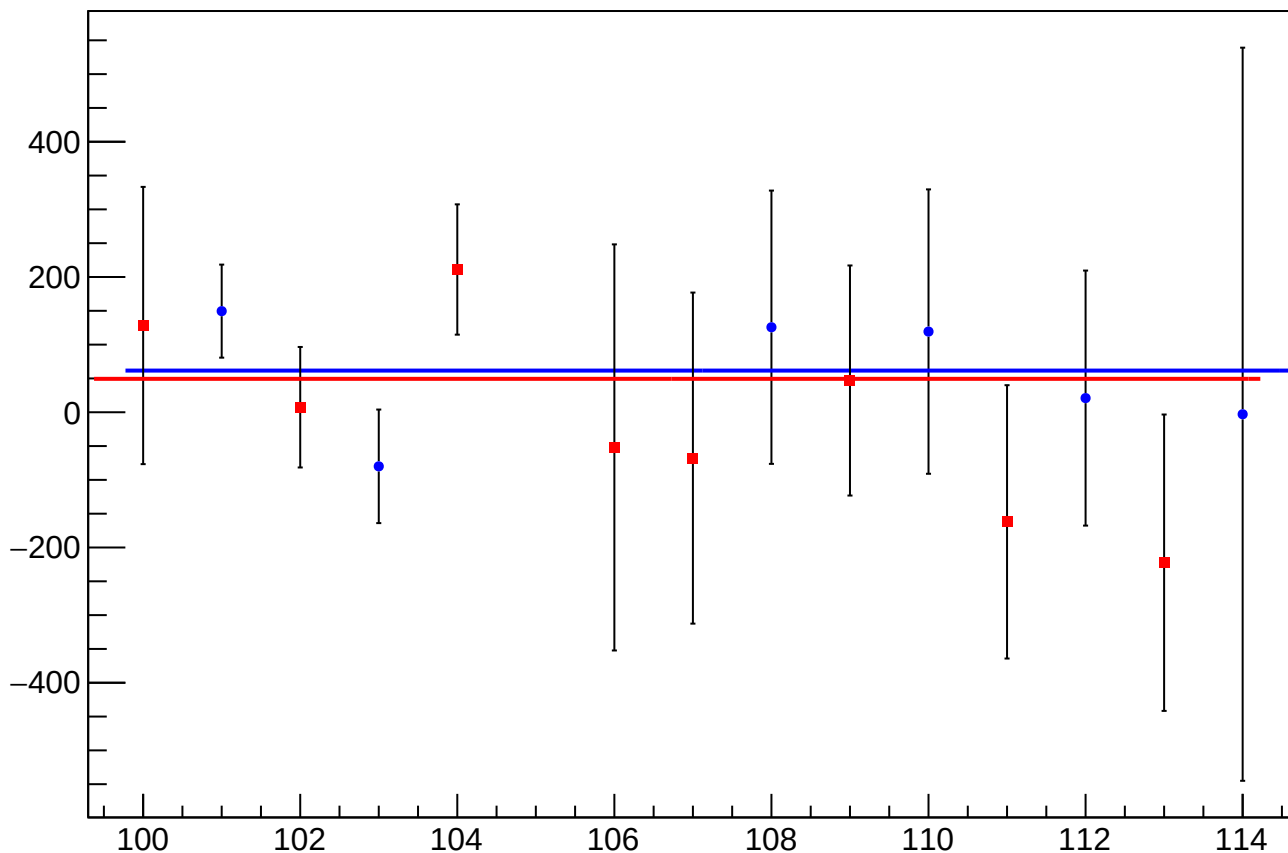
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.362+/-0.014 χ^2/NDF : 283374.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 61.622+/-48.126 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.408+/-52.334 χ^2/NDF : 6.2/7

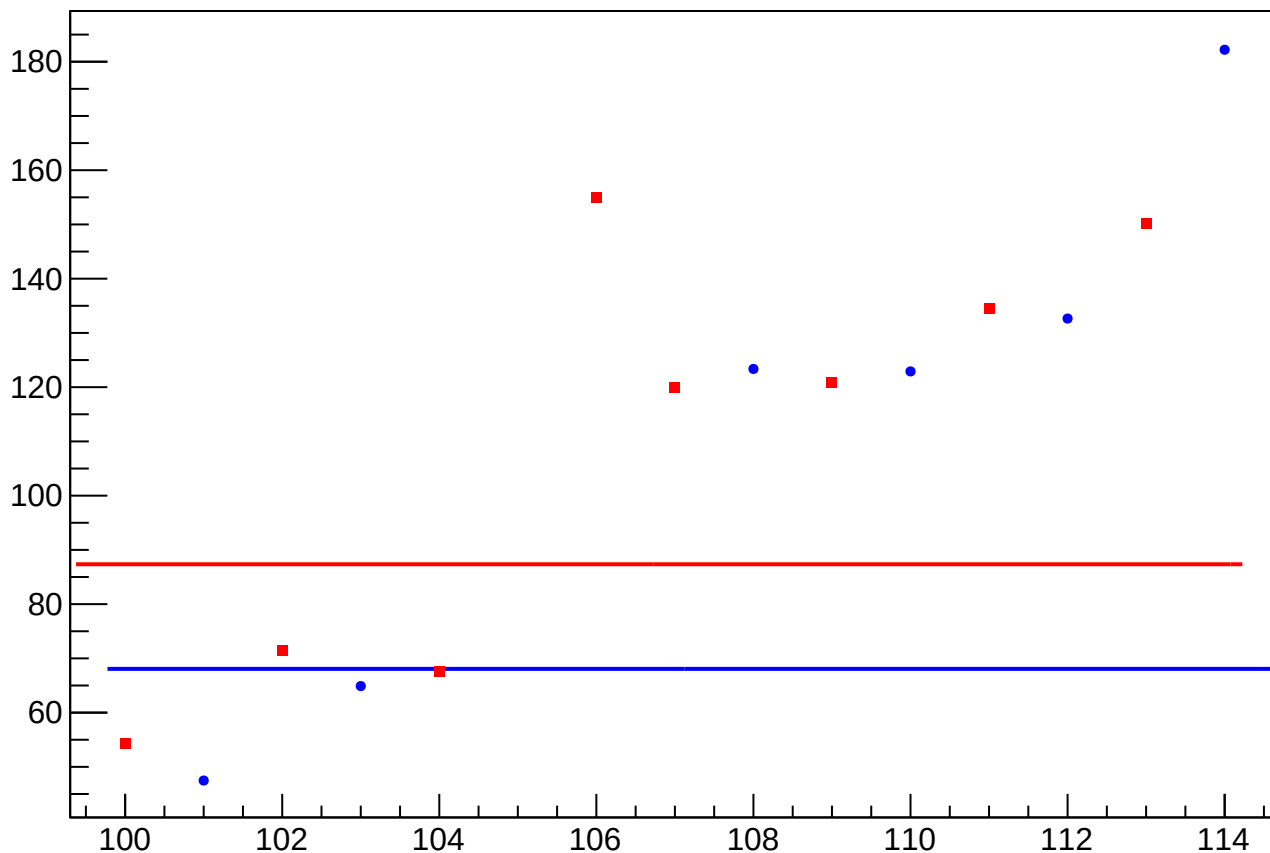
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.025+/-35.425 χ^2/NDF : 10.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 68.067+/-0.034 χ^2/NDF : 791020.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.351+/-0.037 χ^2/NDF : 688623.9/7

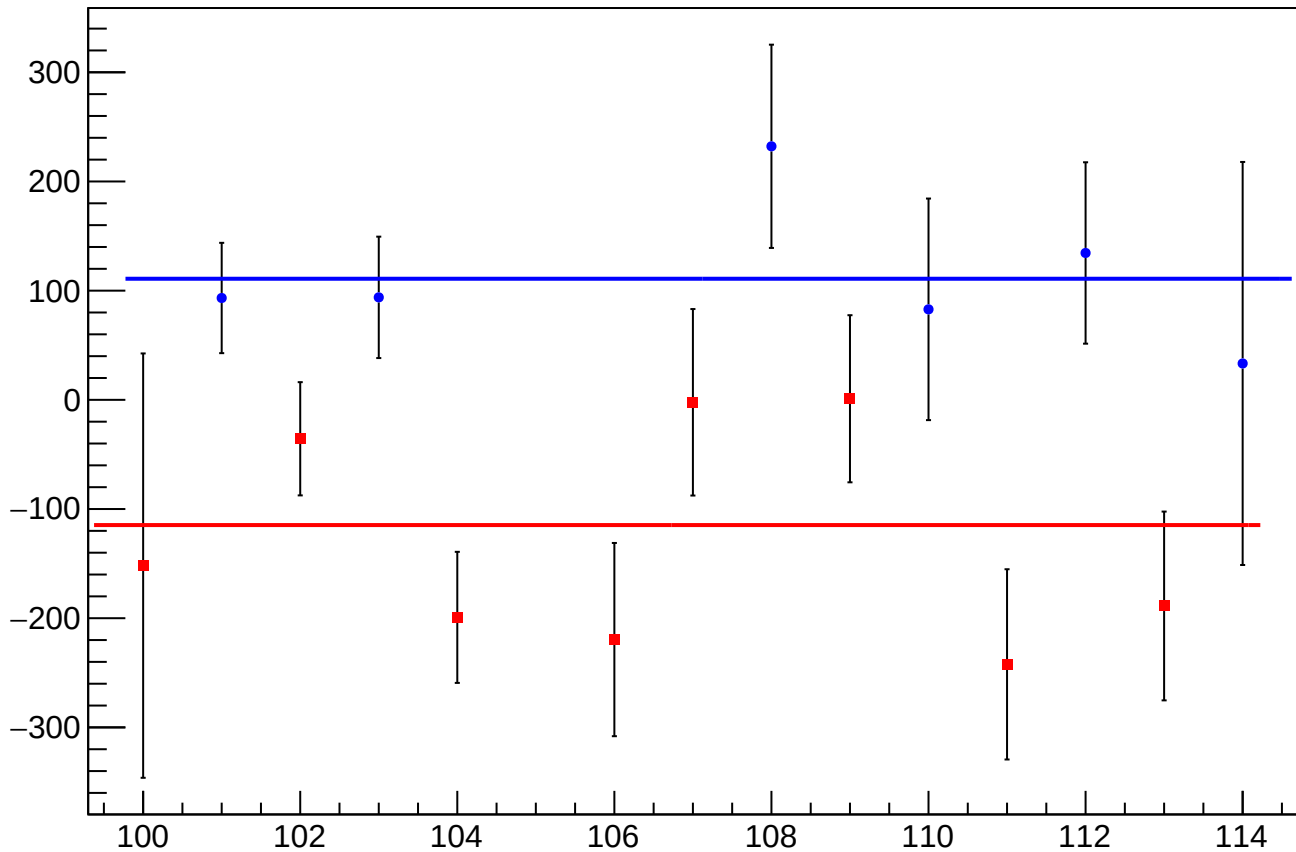
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.902+/-0.025 χ^2/NDF : 1626775.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 110.910 $\pm$ 30.121 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.694 $\pm$ 26.949 χ^2 /NDF: 12.6/7

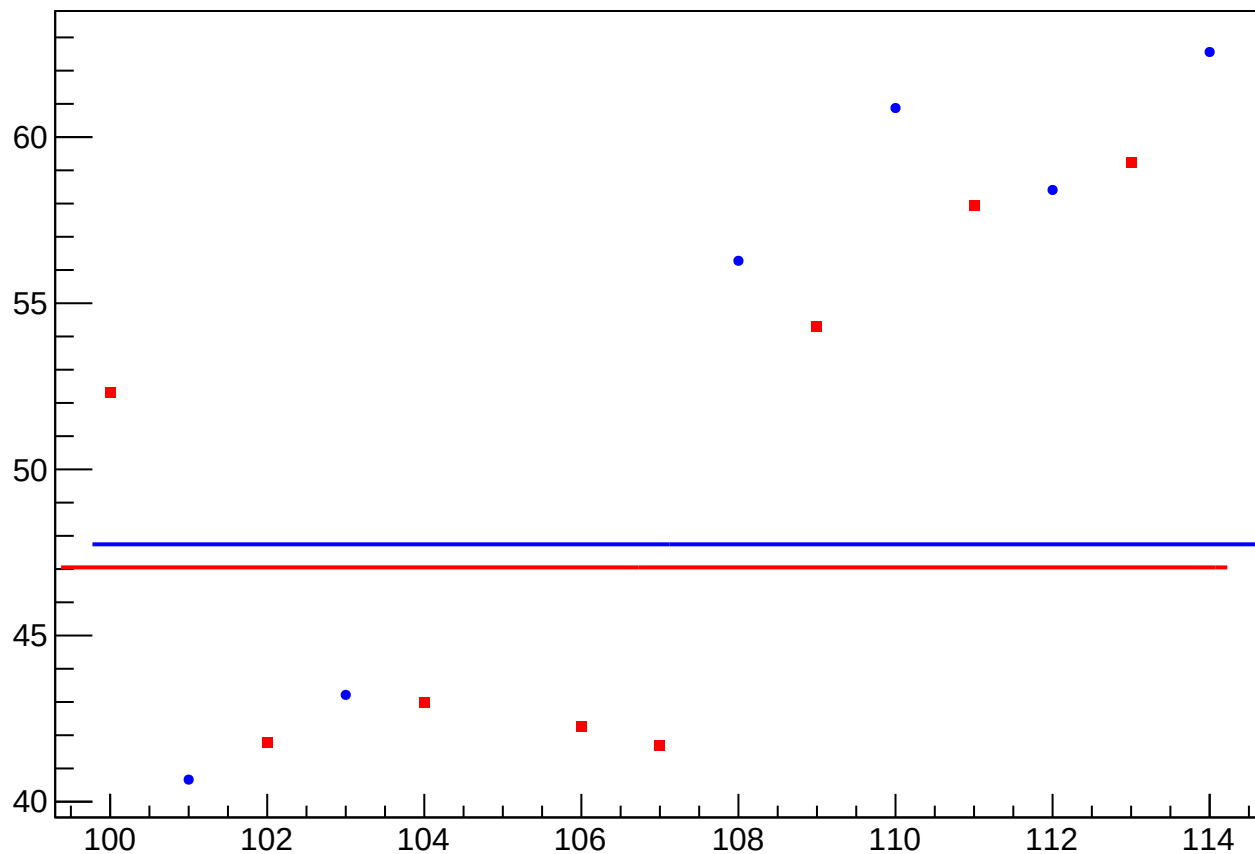
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.395 $\pm$ 20.084 χ^2 /NDF: 46.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 47.745 $\pm$ 0.021 χ^2 /NDF: 148726.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.050 $\pm$ 0.019 χ^2 /NDF: 134216.8/7

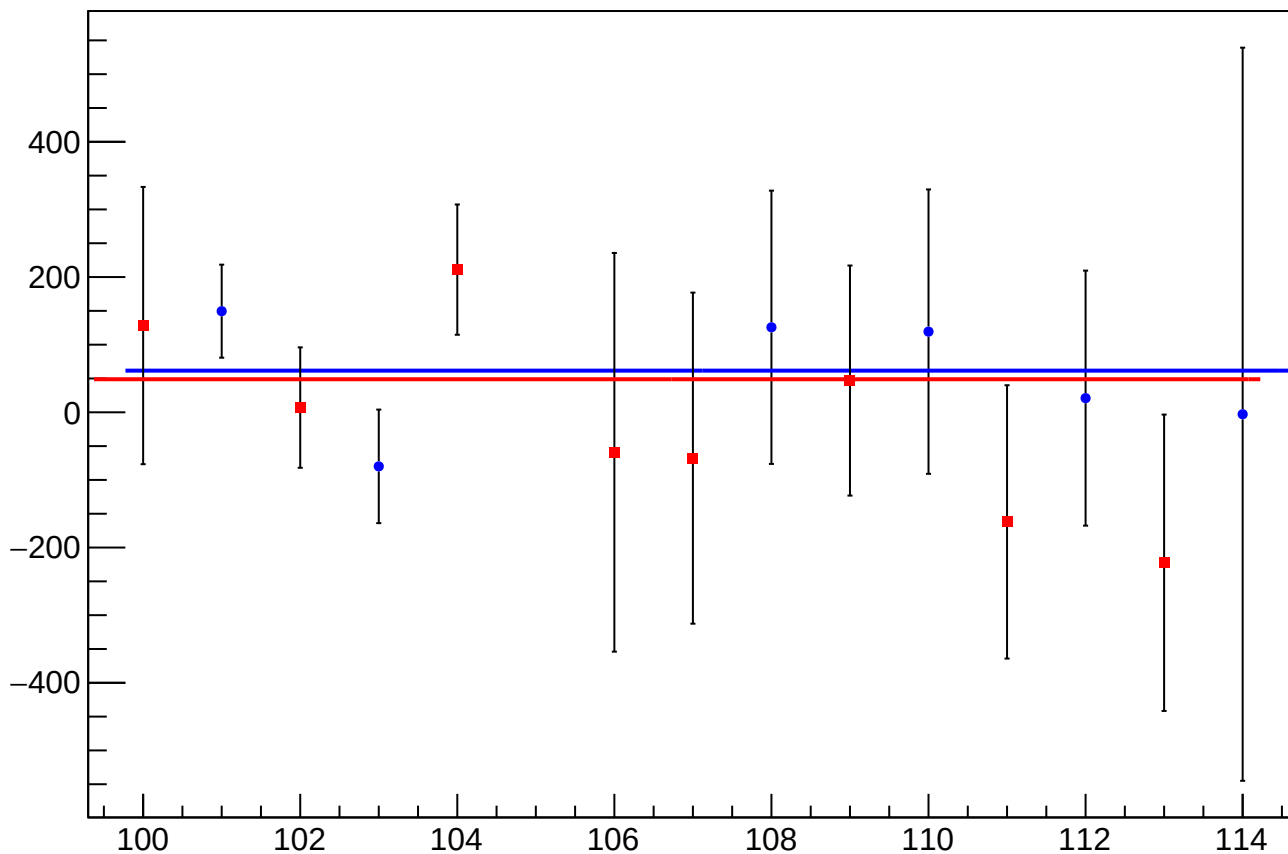
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.359 $\pm$ 0.014 χ^2 /NDF: 283533.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 61.626 $\pm$ 48.125 χ^2 /NDF: 4.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.887 $\pm$ 52.286 χ^2 /NDF: 6.2/7

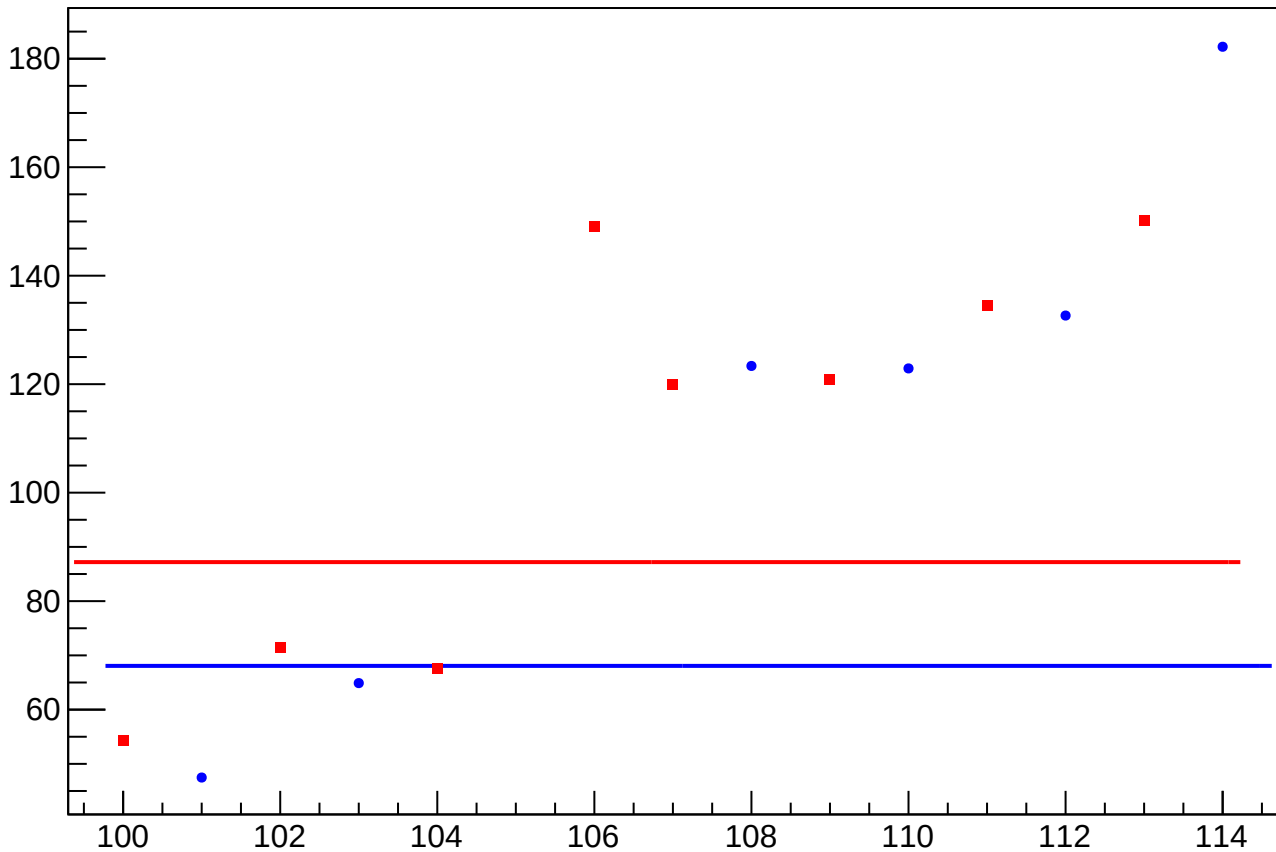
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.783 $\pm$ 35.409 χ^2 /NDF: 10.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 68.065+/-0.034 χ^2/NDF : 791026.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.196+/-0.037 χ^2/NDF : 675299.3/7

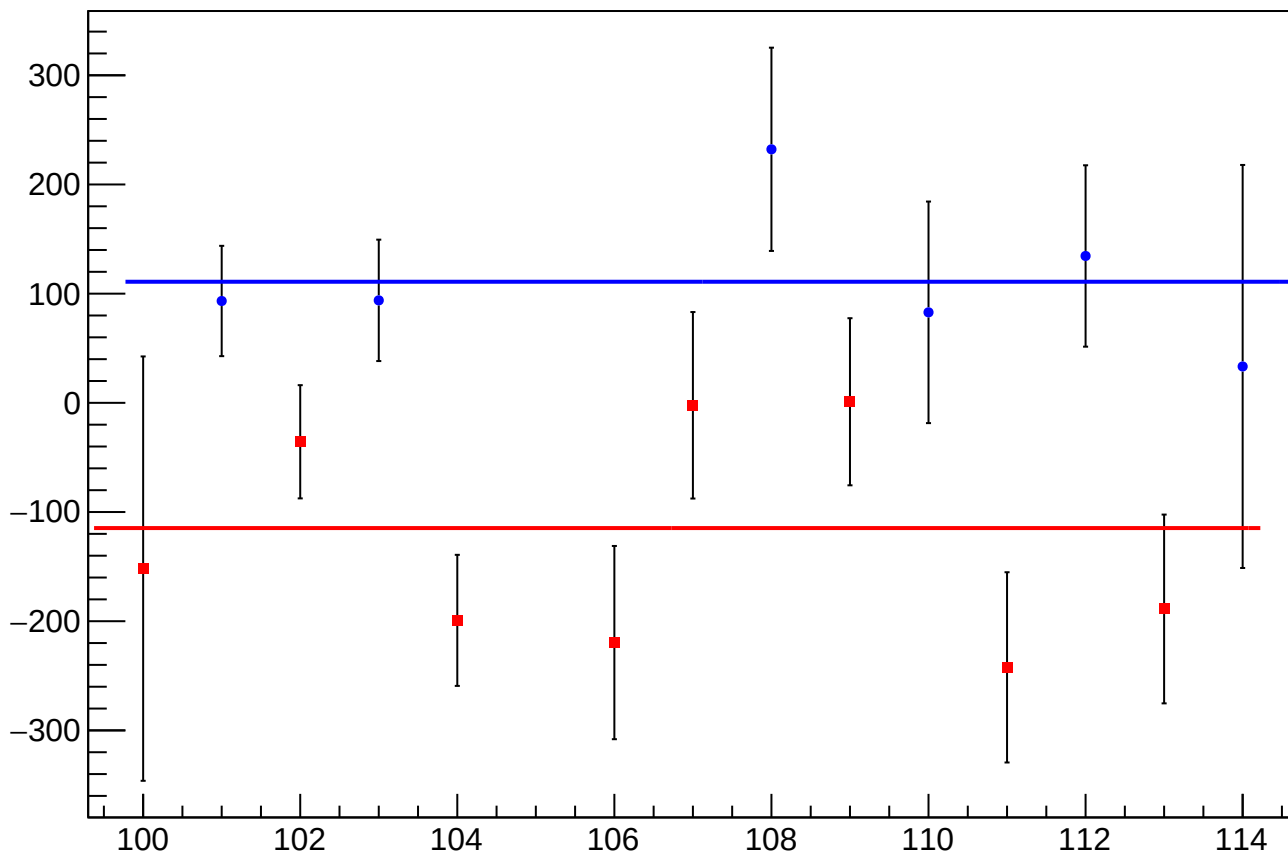
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.839+/-0.025 χ^2/NDF : 1611280.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 110.910 $\pm$ 30.121 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.694 $\pm$ 26.949 χ^2 /NDF: 12.6/7

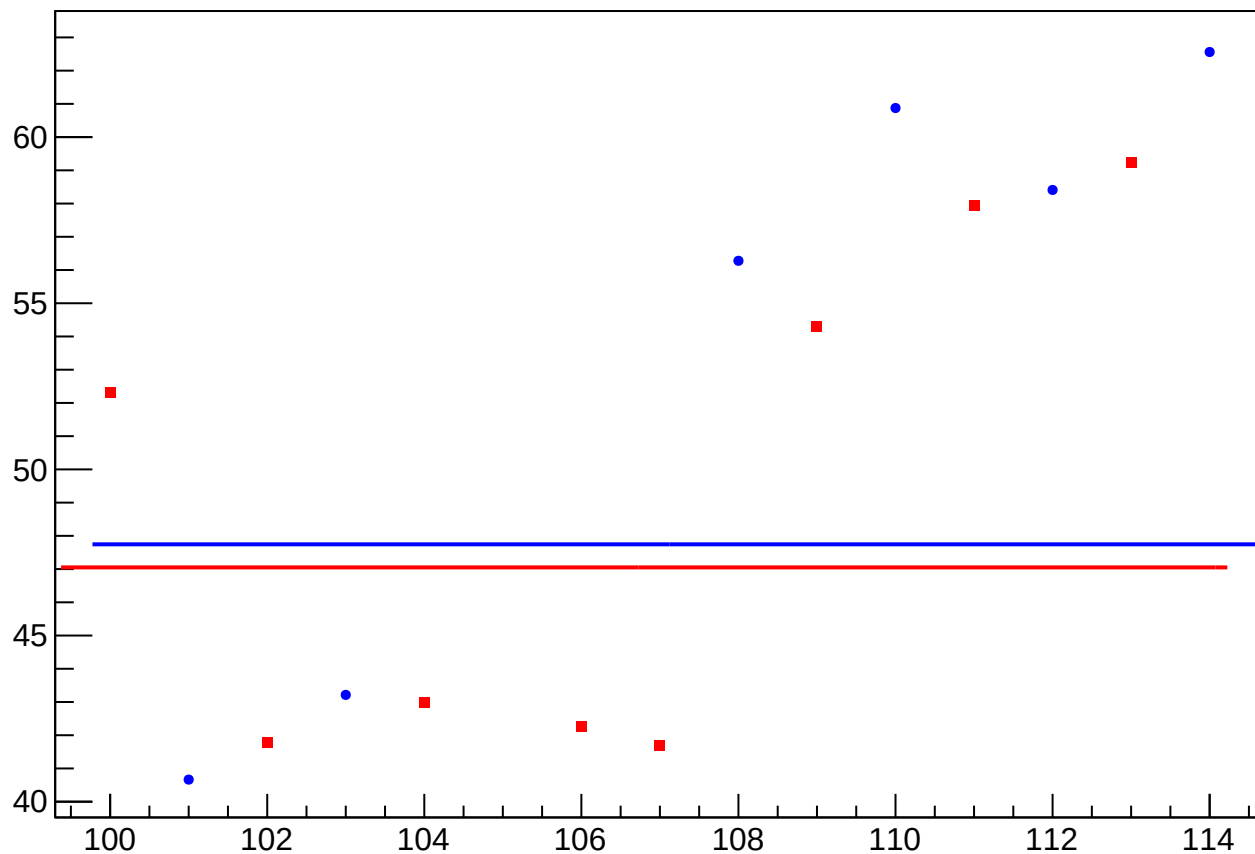
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.395 $\pm$ 20.084 χ^2 /NDF: 46.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 47.745 $\pm$ 0.021 χ^2 /NDF: 148726.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.050 $\pm$ 0.019 χ^2 /NDF: 134216.8/7

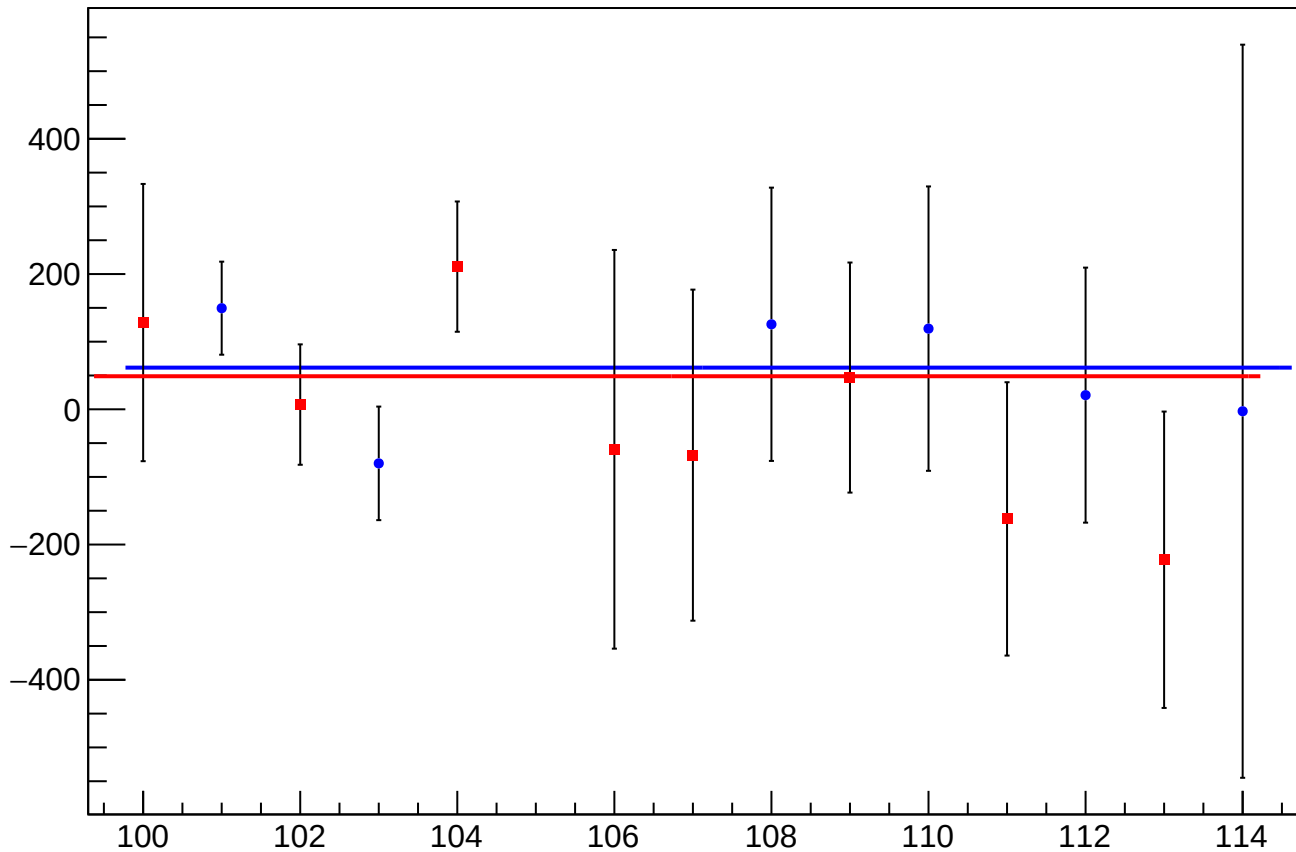
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.359 $\pm$ 0.014 χ^2 /NDF: 283533.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 61.626+/-48.125 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.887+/-52.286 χ^2/NDF : 6.2/7

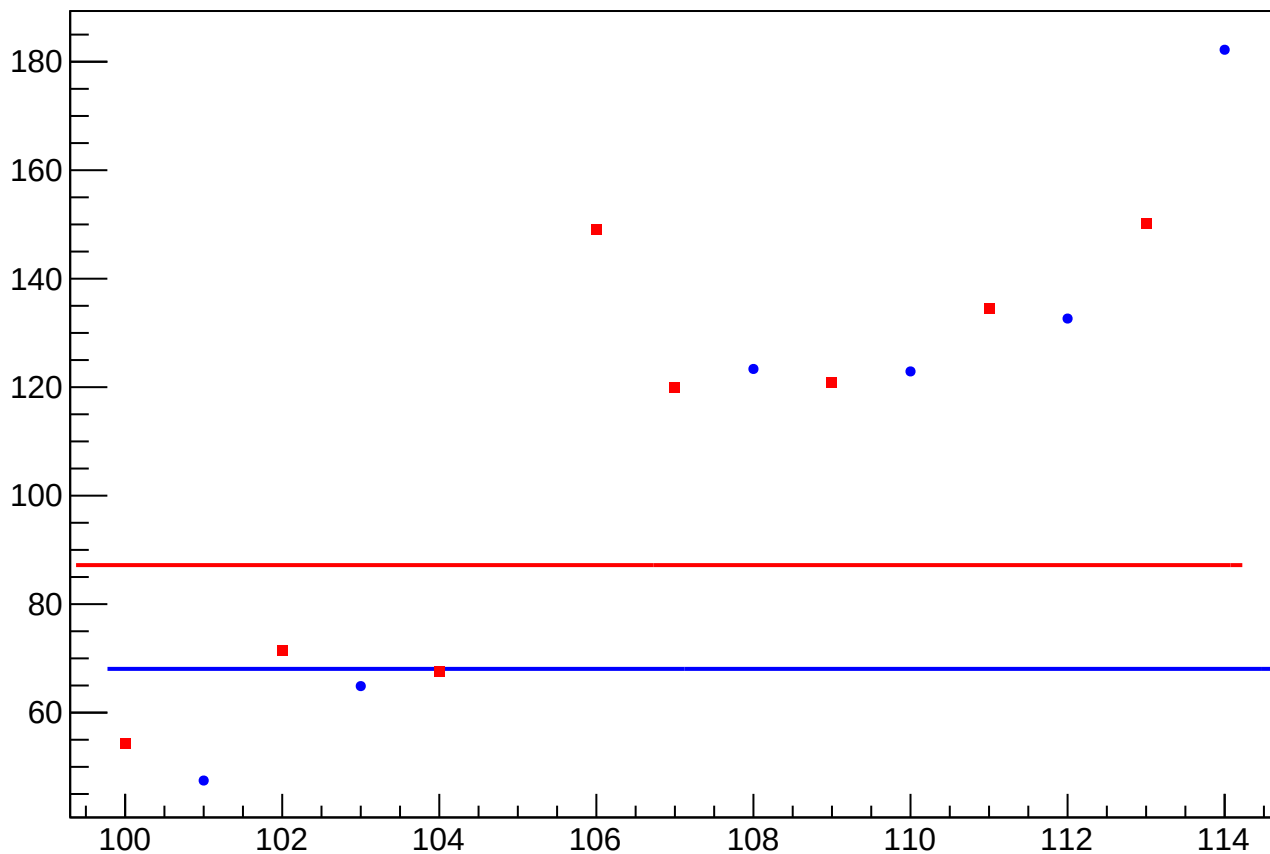
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.783+/-35.409 χ^2/NDF : 10.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 68.065 $\pm$ 0.034 χ^2 /NDF: 791026.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.196 $\pm$ 0.037 χ^2 /NDF: 675299.3/7

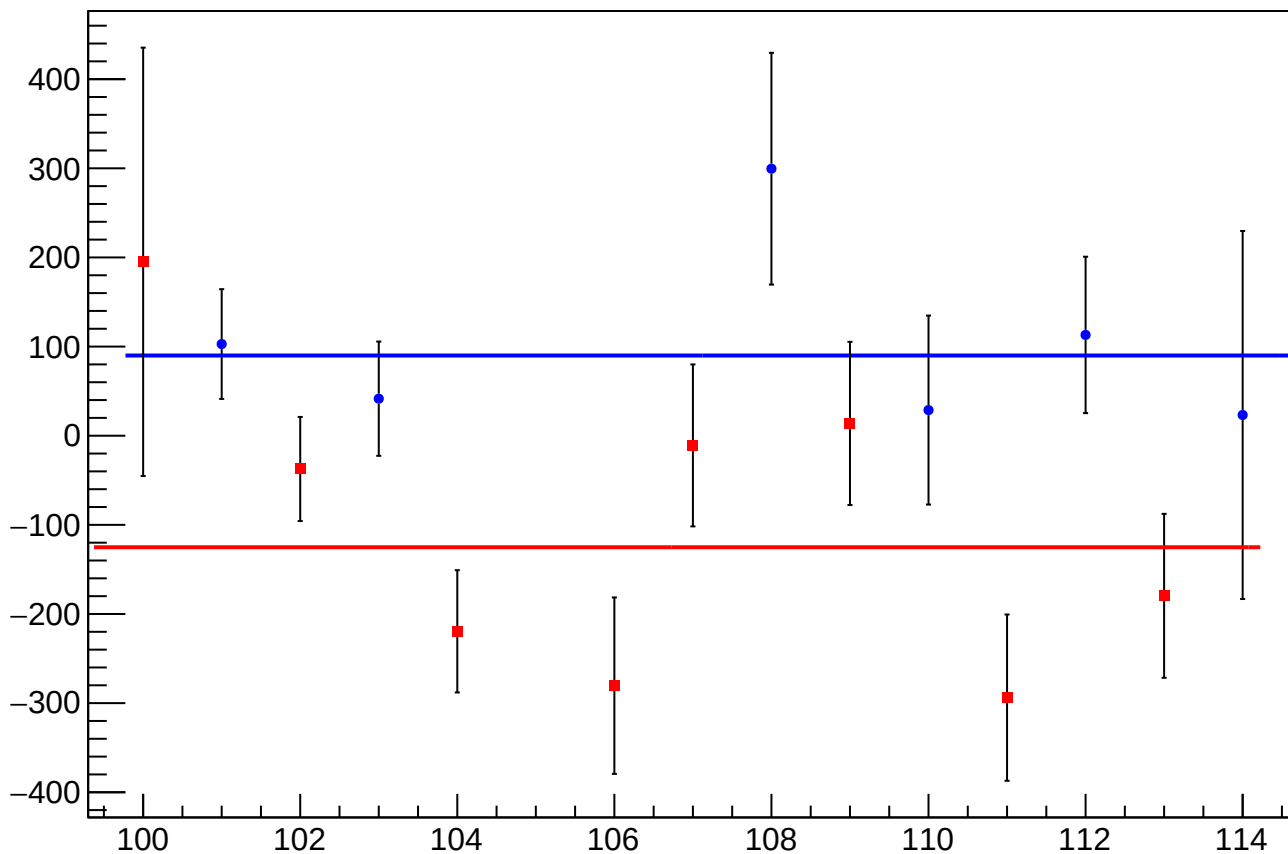
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.839 $\pm$ 0.025 χ^2 /NDF: 1611280.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 89.973 $\pm$ 35.163 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -125.138 $\pm$ 30.164 χ^2 /NDF: 15.9/7

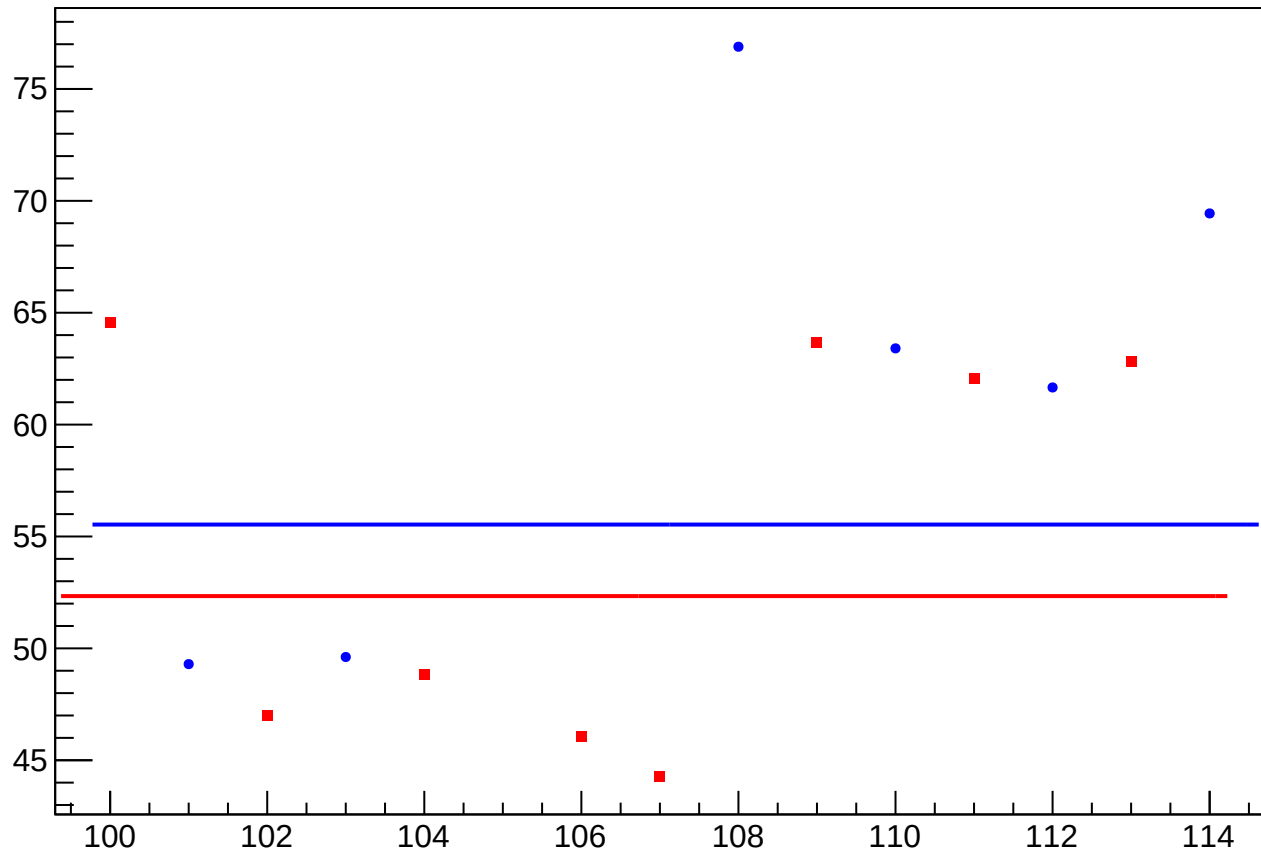
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.949 $\pm$ 22.894 χ^2 /NDF: 41.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 55.533+/-0.025 χ^2/NDF : 121405.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.336+/-0.021 χ^2/NDF : 129173.7/7

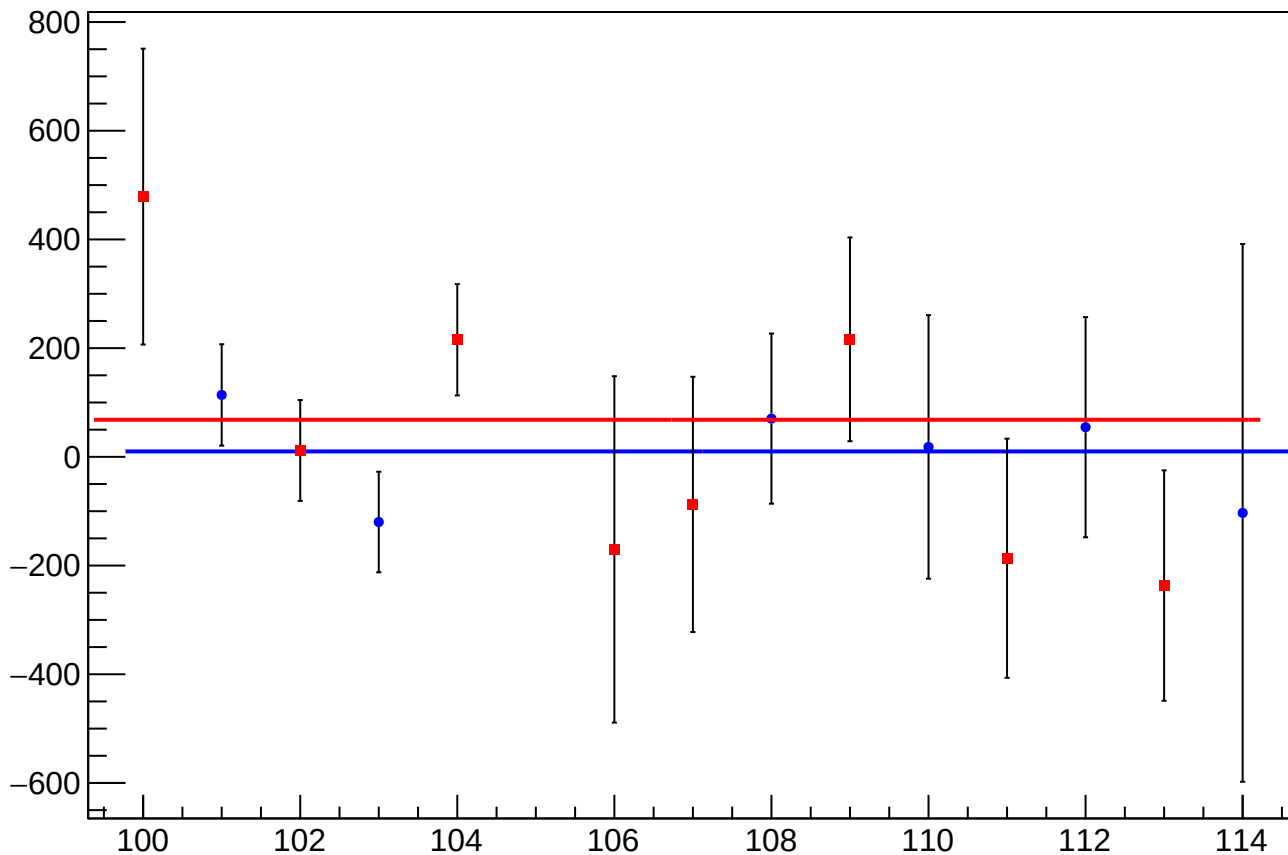
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.692+/-0.016 χ^2/NDF : 260102.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 9.974 $\pm$ 56.062 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.249 $\pm$ 55.529 χ^2 /NDF: 9.7/7

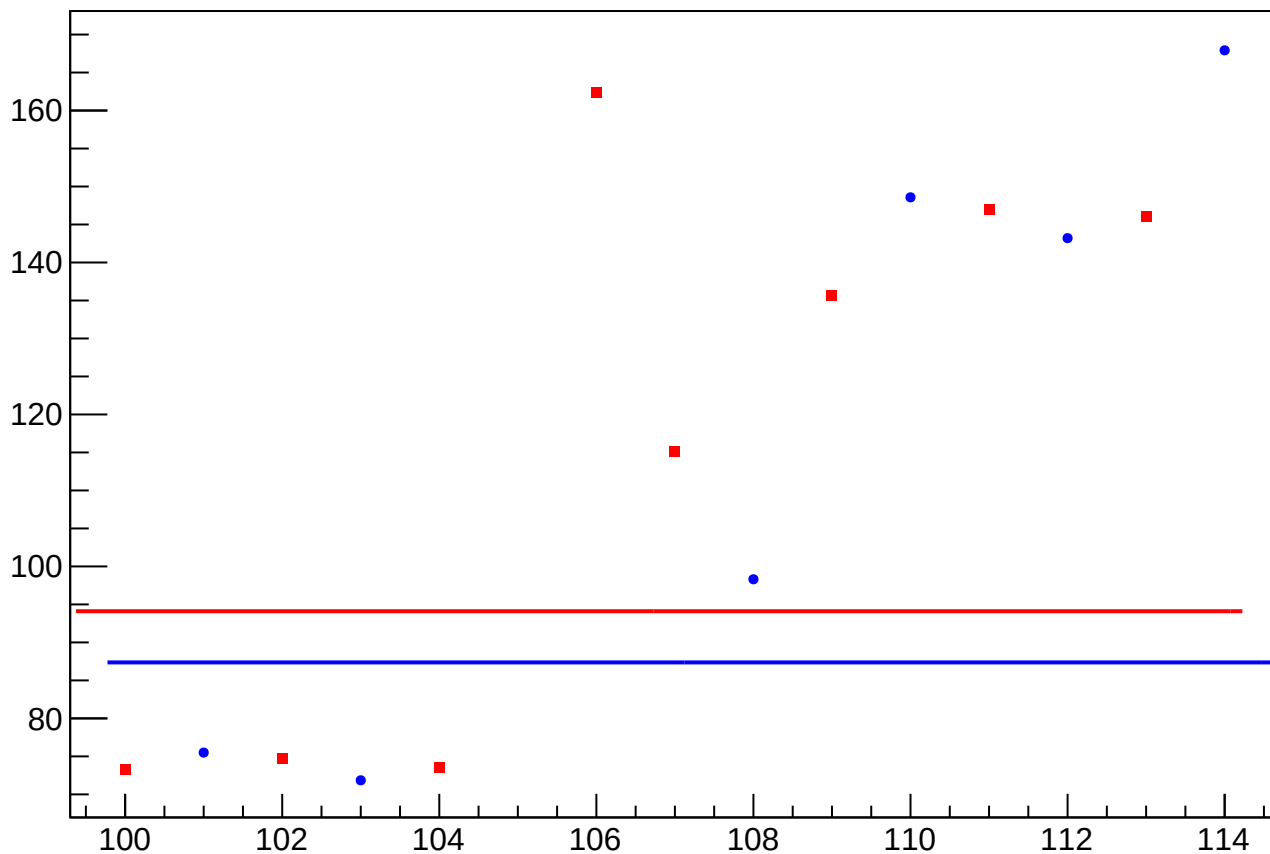
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.390 $\pm$ 39.452 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 87.367+/-0.040 χ^2/NDF : 430936.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.104+/-0.039 χ^2/NDF : 620898.0/7

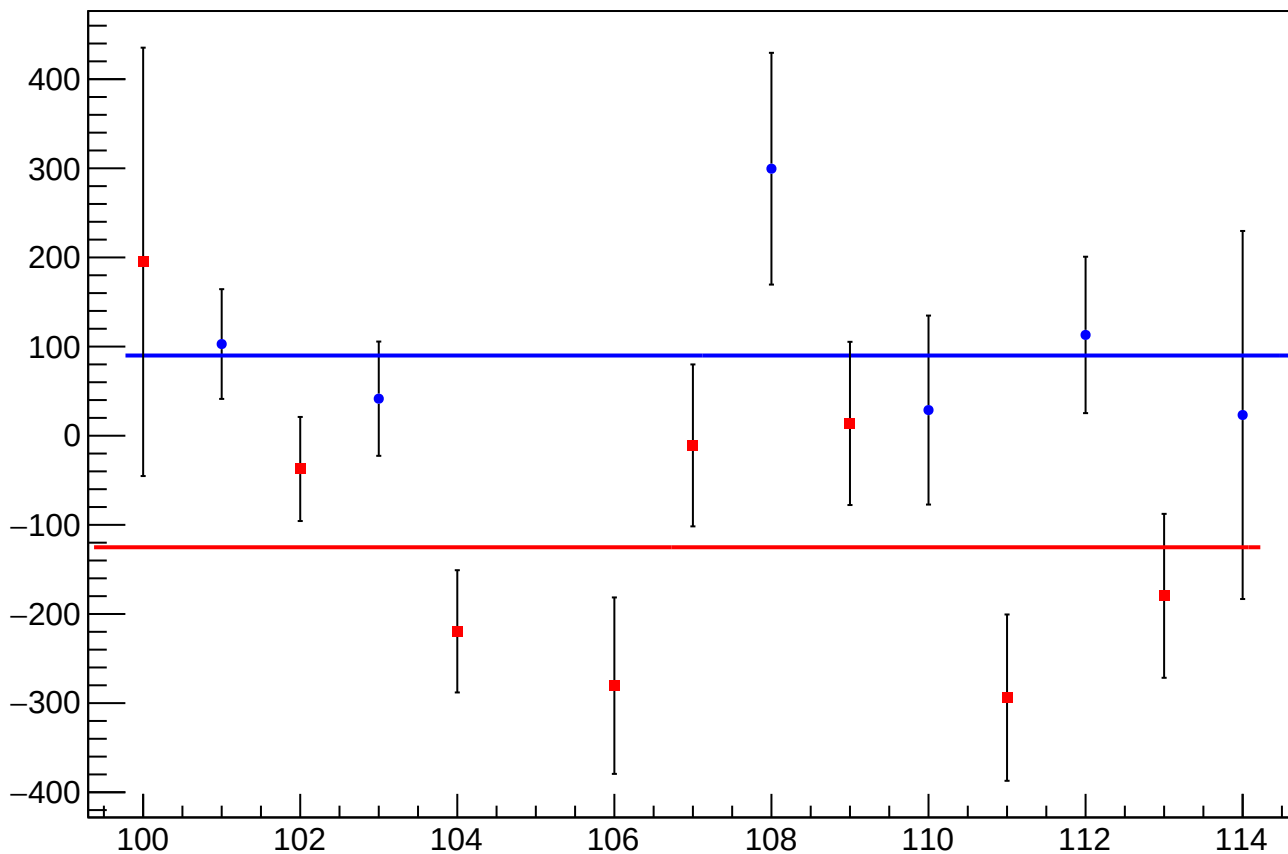
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.768+/-0.028 χ^2/NDF : 1066415.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 89.973 $\pm$ 35.163 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -125.138 $\pm$ 30.164 χ^2 /NDF: 15.9/7

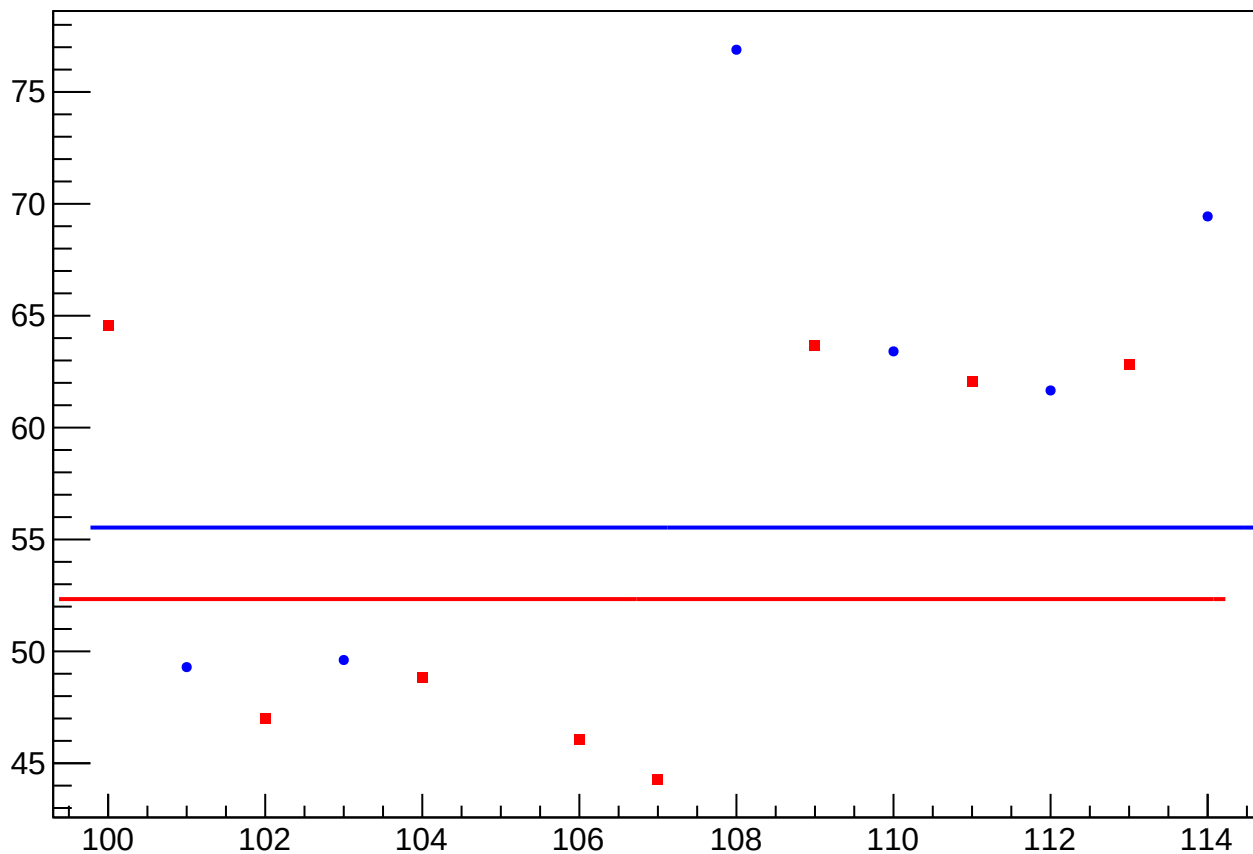
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.949 $\pm$ 22.894 χ^2 /NDF: 41.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 55.533+/-0.025 χ^2/NDF : 121406.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.336+/-0.021 χ^2/NDF : 129173.3/7

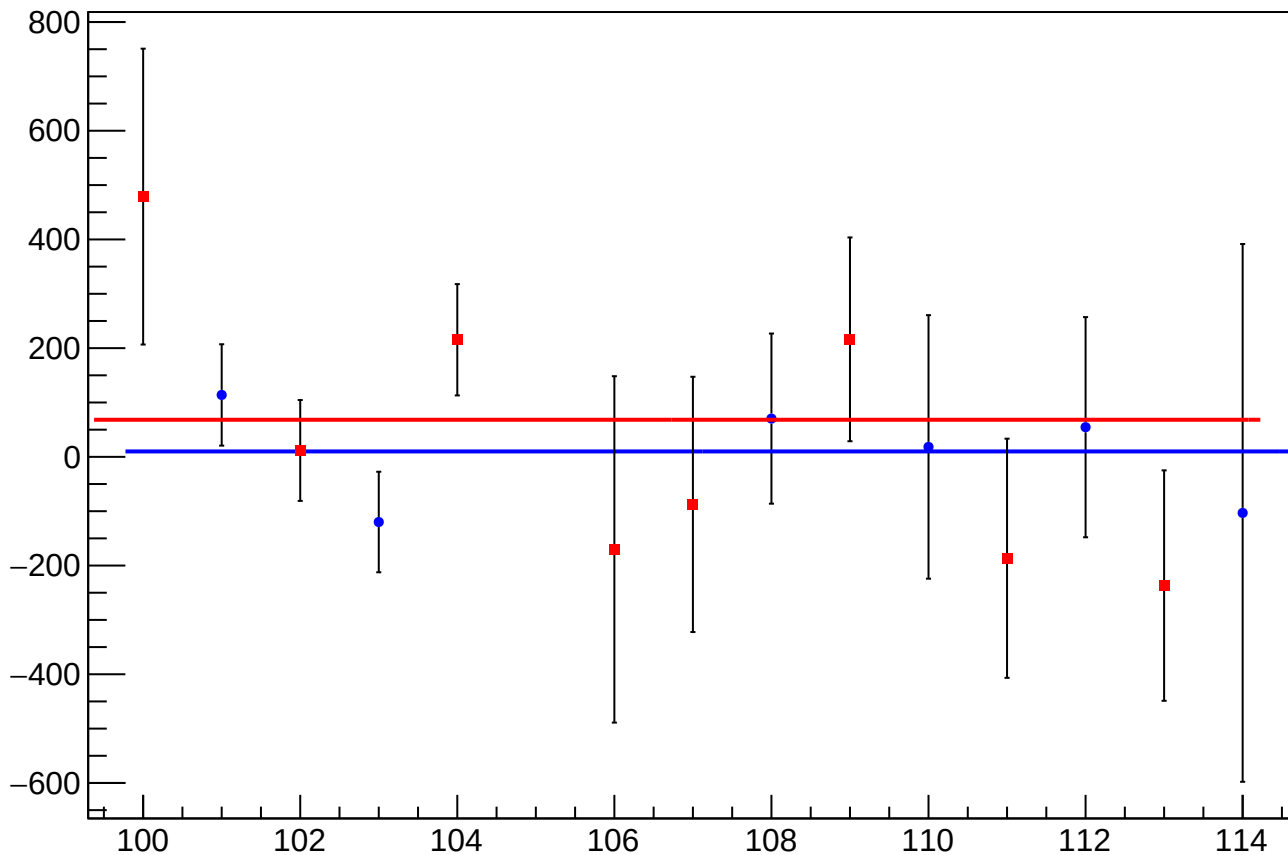
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.692+/-0.016 χ^2/NDF : 260103.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: 9.974 $\pm$ 56.062 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.249 $\pm$ 55.529 χ^2 /NDF: 9.7/7

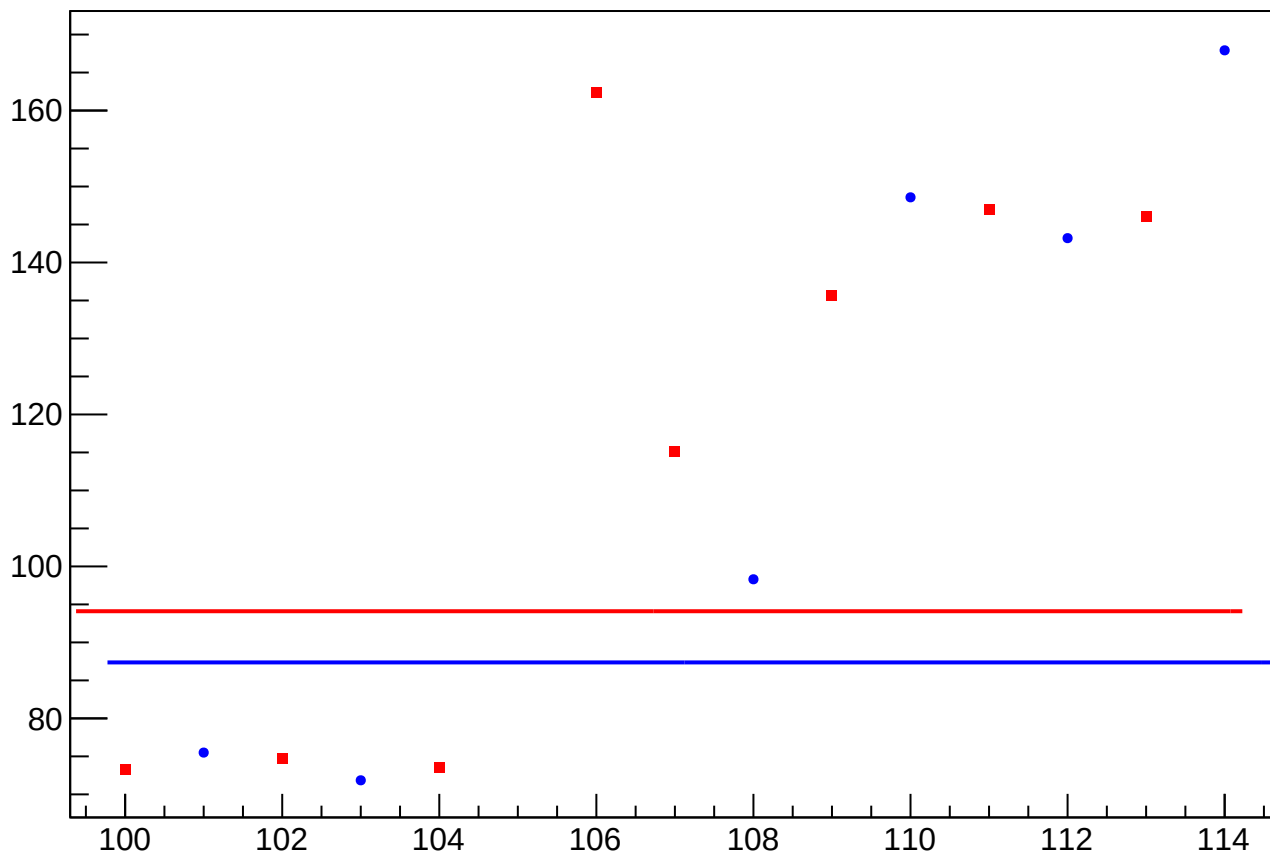
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.390 $\pm$ 39.452 χ^2 /NDF: 13.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 87.367 $\pm$ 0.040 χ^2 /NDF: 430938.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.104 $\pm$ 0.039 χ^2 /NDF: 620903.8/7

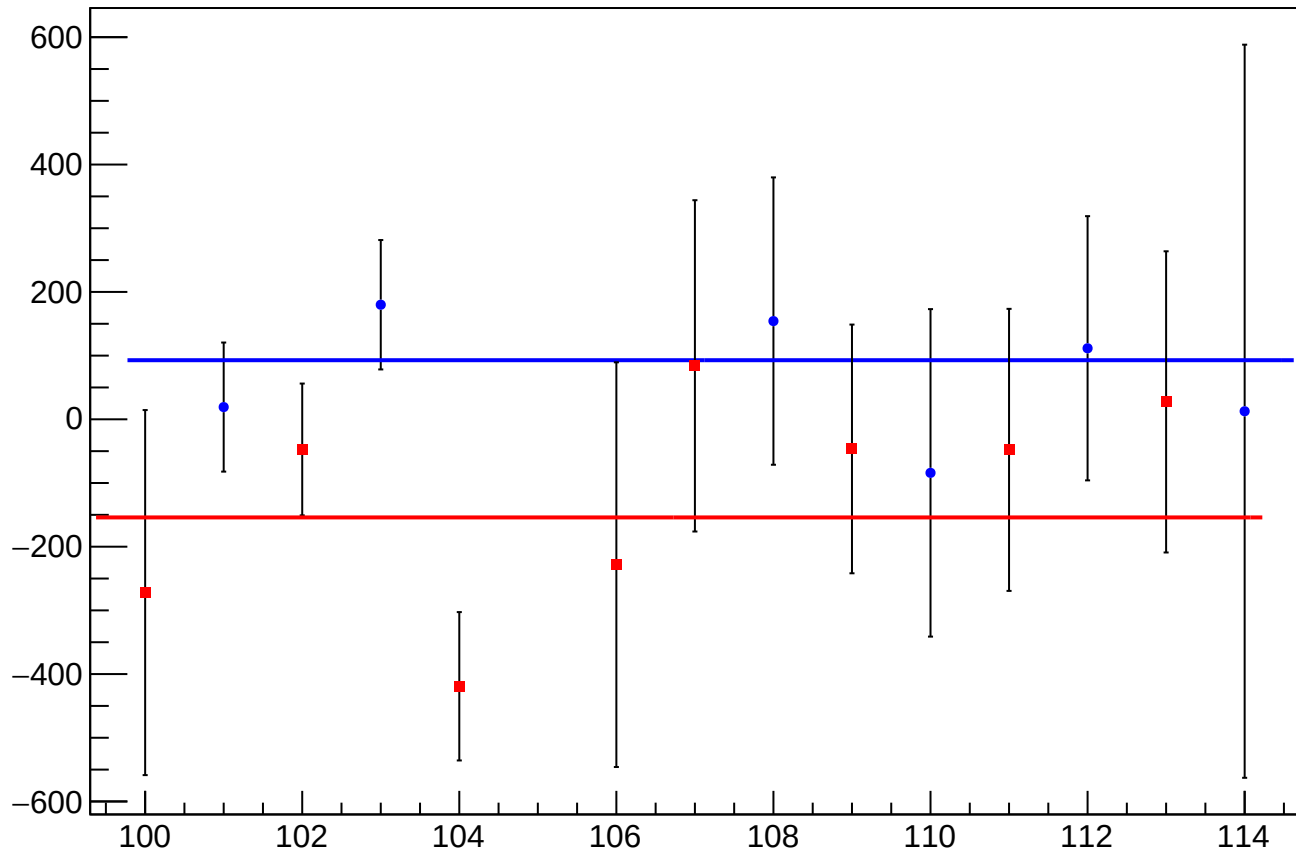
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.768 $\pm$ 0.028 χ^2 /NDF: 1066422.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 92.797 $\pm$ 62.584 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -154.054 $\pm$ 61.029 χ^2 /NDF: 8.4/7

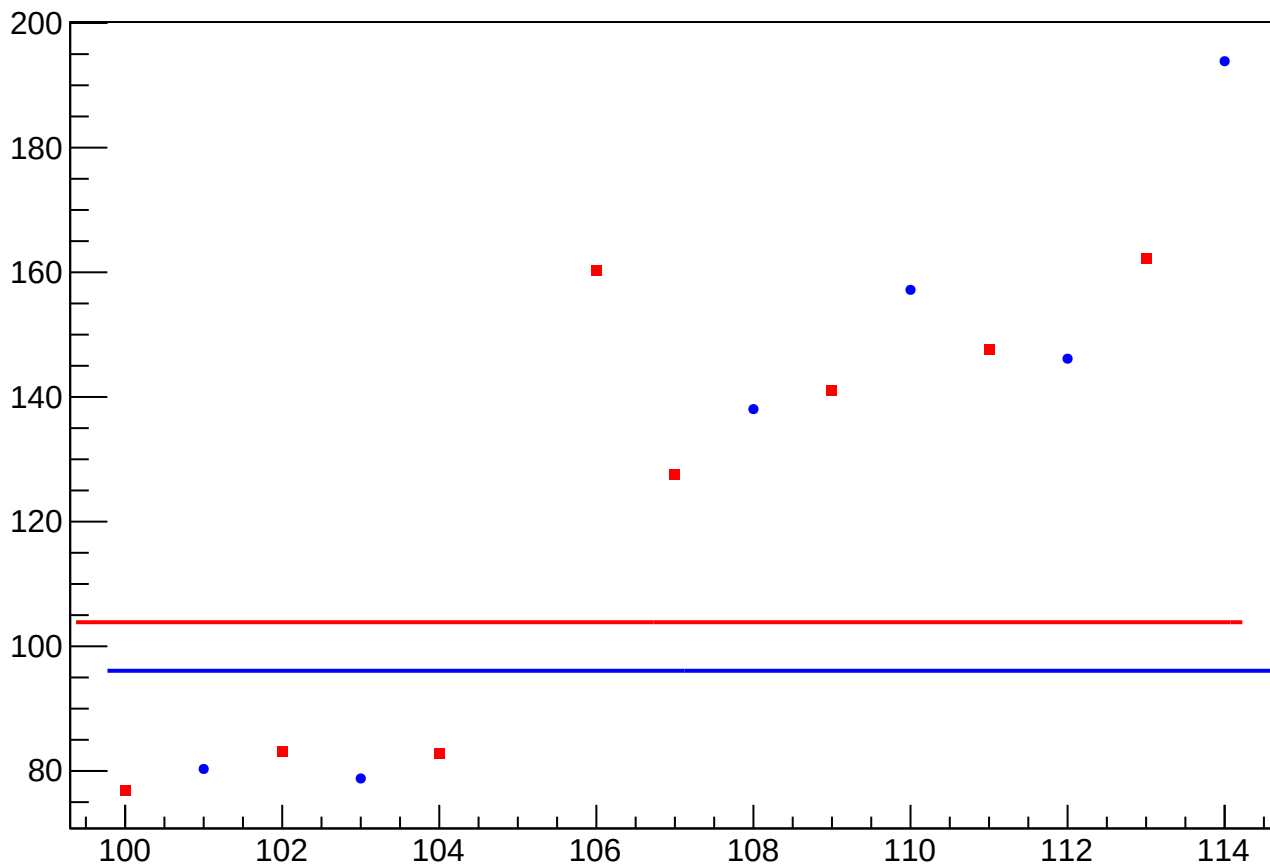
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.733 $\pm$ 43.693 χ^2 /NDF: 18.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 96.075+/-0.044 χ^2/NDF : 462708.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.863+/-0.043 χ^2/NDF : 515182.2/7

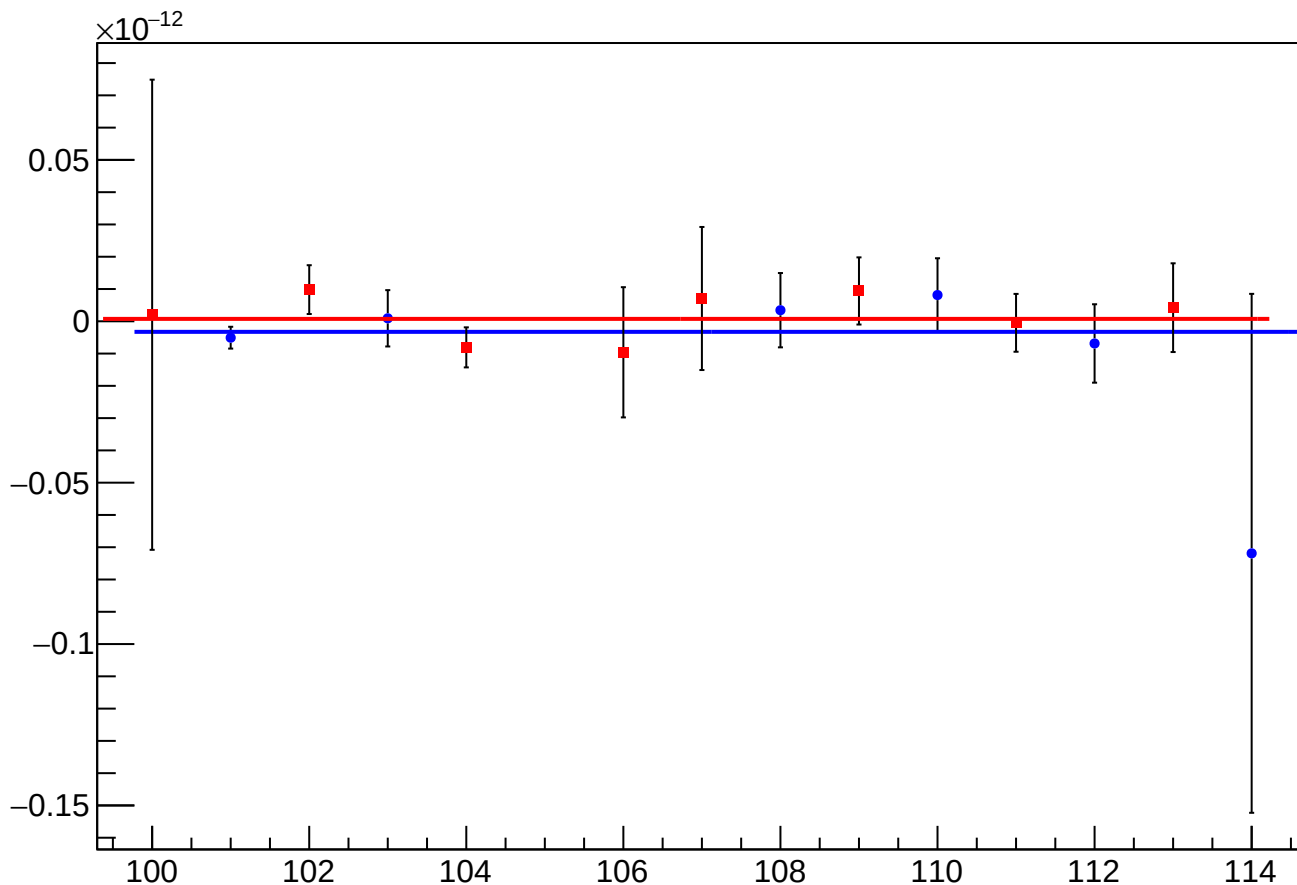
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.067+/-0.031 χ^2/NDF : 993766.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.6/7

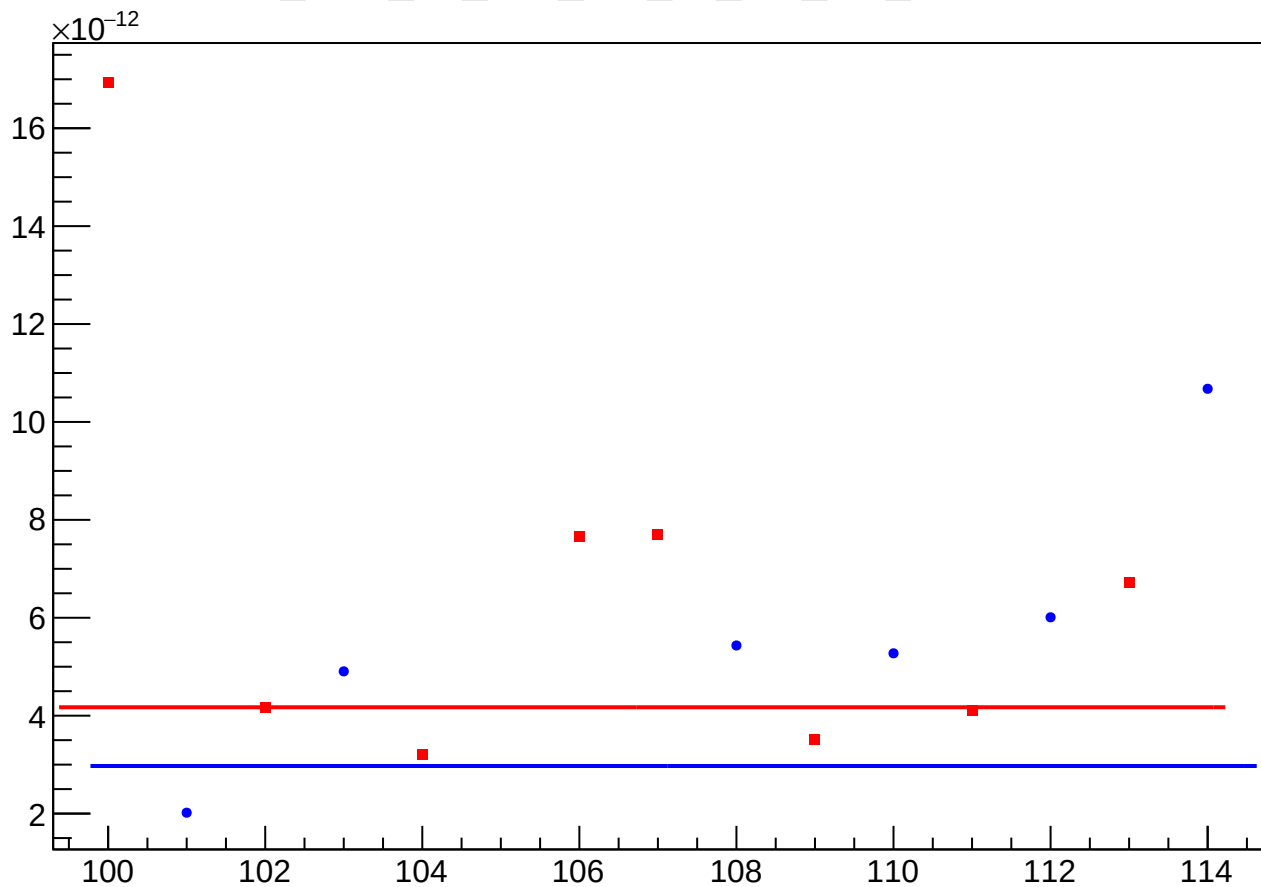
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 573883.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 296205.6/7

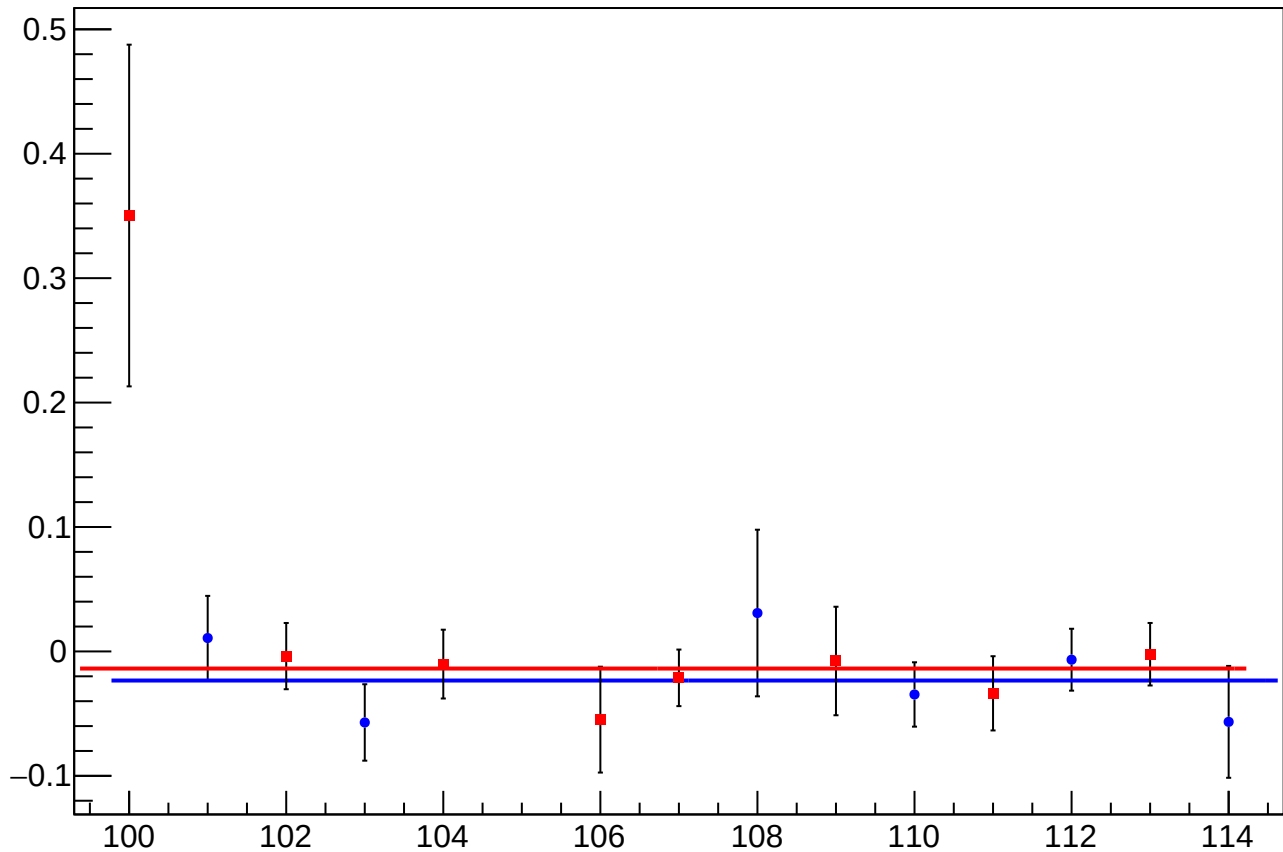
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1004388.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.023 ± 0.013 χ^2/NDF : 4.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.011 χ^2/NDF : 8.9/7

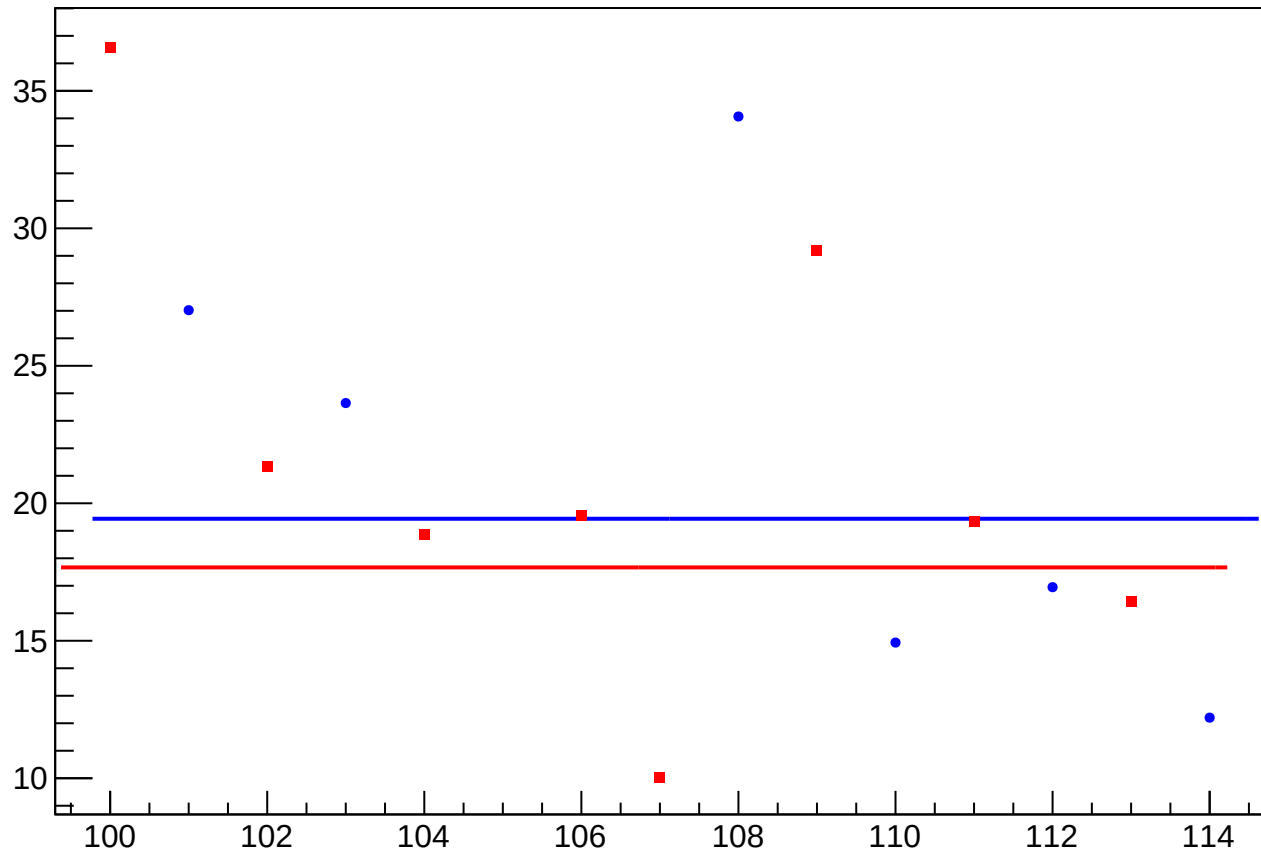
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.008 χ^2/NDF : 13.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 19.437 $\pm$ 0.009 χ^2 /NDF: 365743.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.668 $\pm$ 0.008 χ^2 /NDF: 459988.5/7

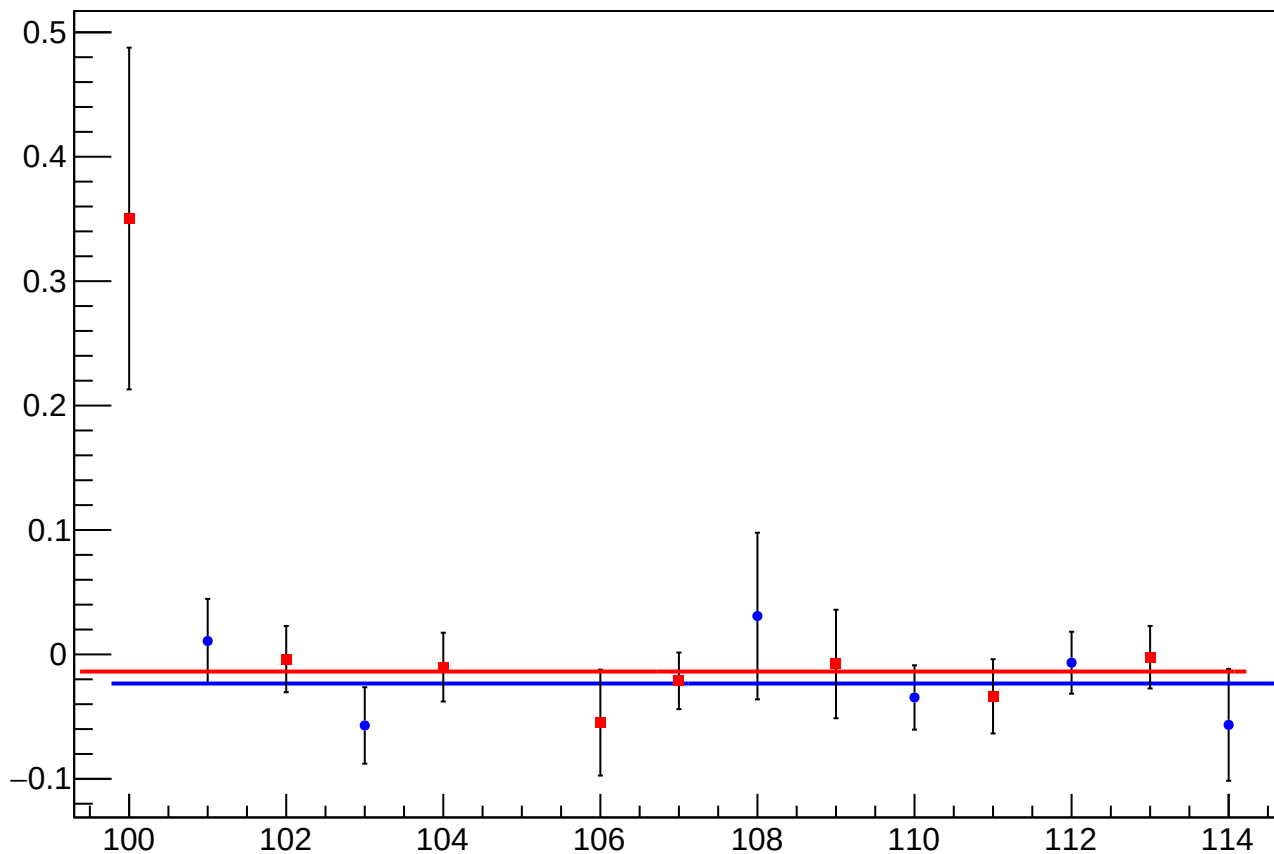
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.383 $\pm$ 0.006 χ^2 /NDF: 847230.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023 ± 0.013 χ^2/NDF : 4.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.011 χ^2/NDF : 8.9/7

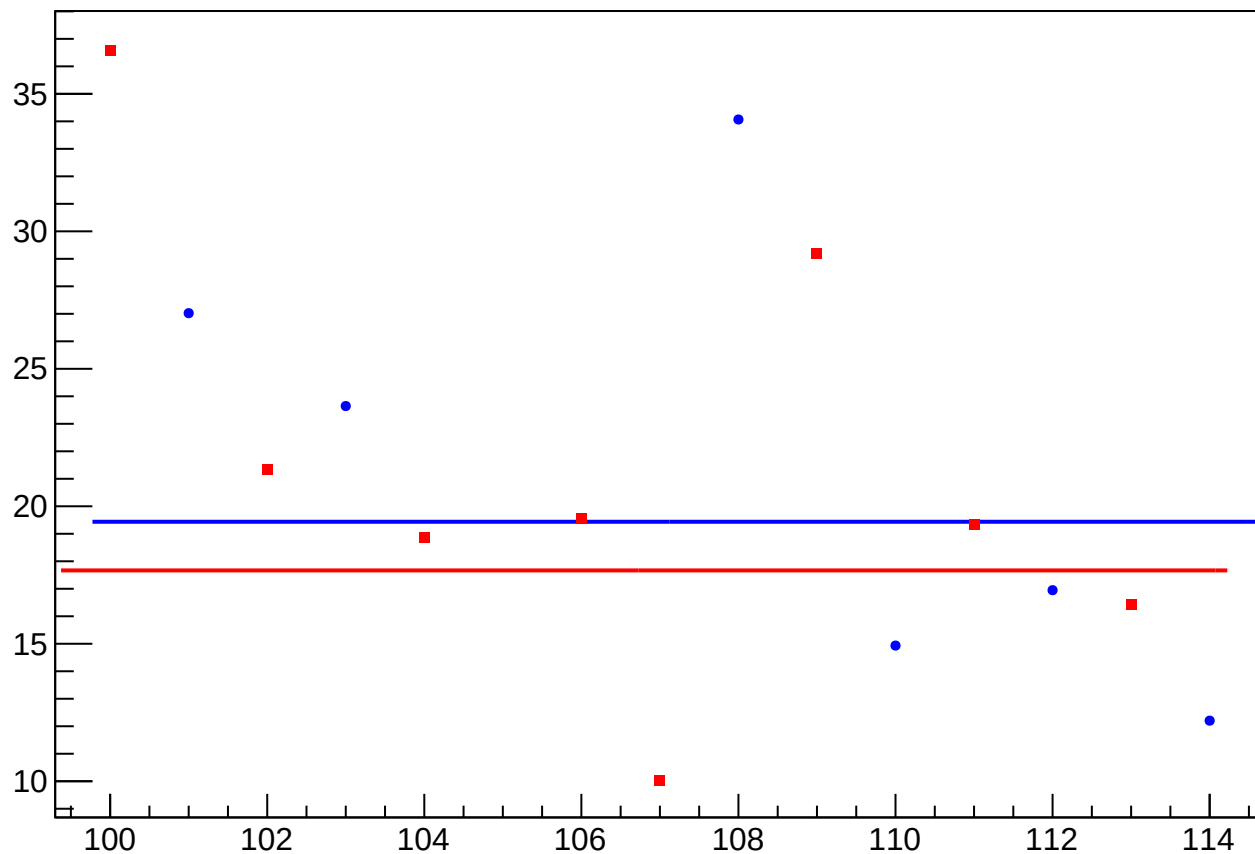
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.008 χ^2/NDF : 13.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.437 $\pm$ 0.009 χ^2 /NDF: 365743.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.668 $\pm$ 0.008 χ^2 /NDF: 459988.5/7

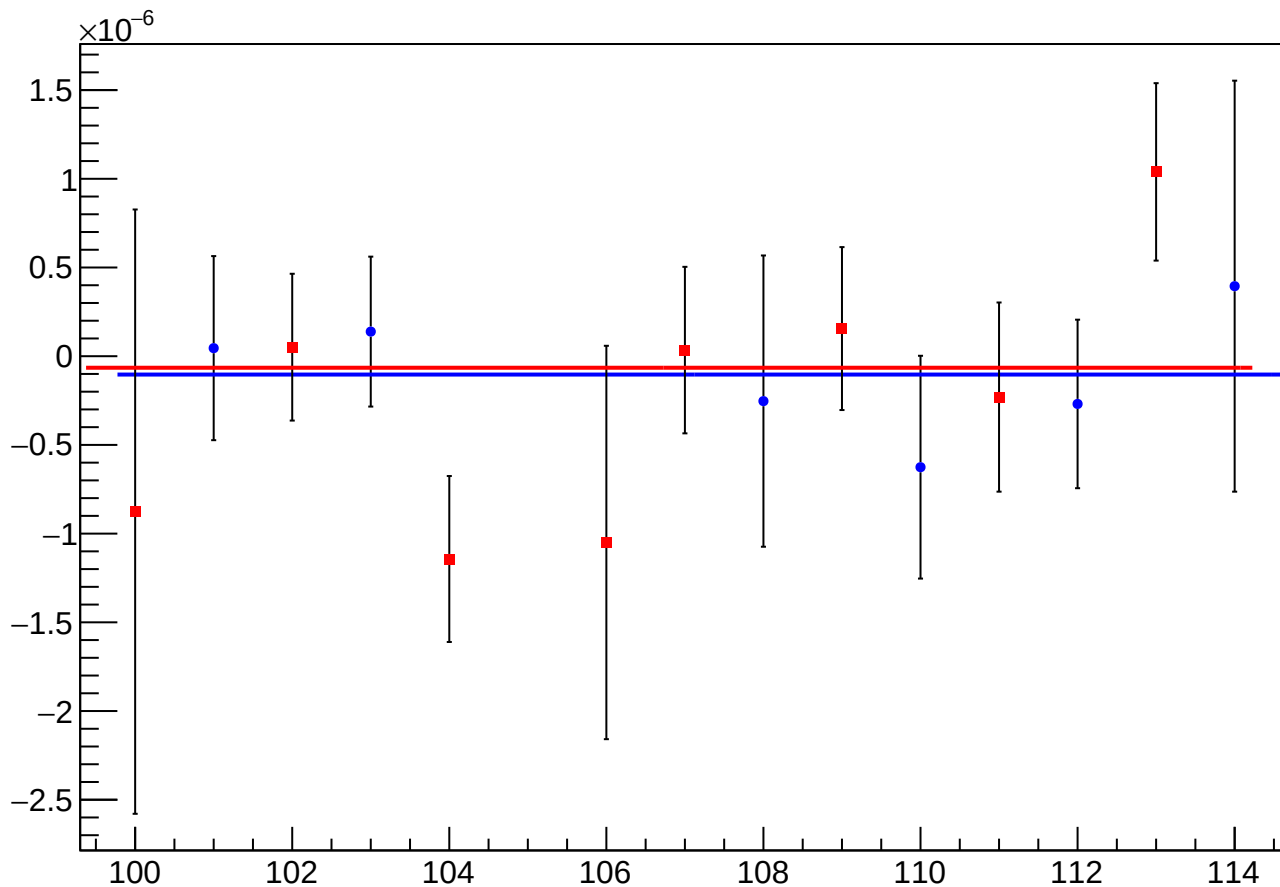
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.383 $\pm$ 0.006 χ^2 /NDF: 847230.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 1.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.7/7

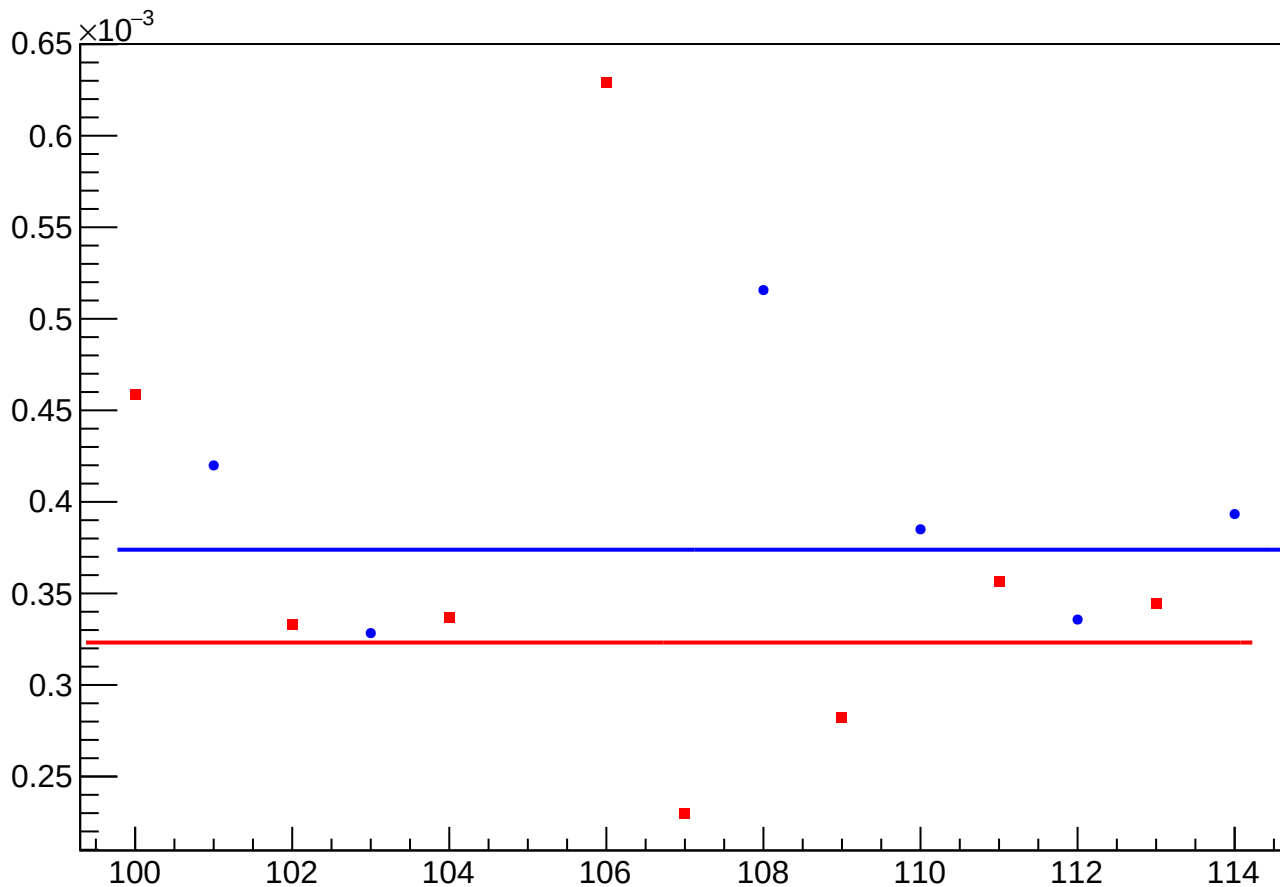
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 112789.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 274112.8/7

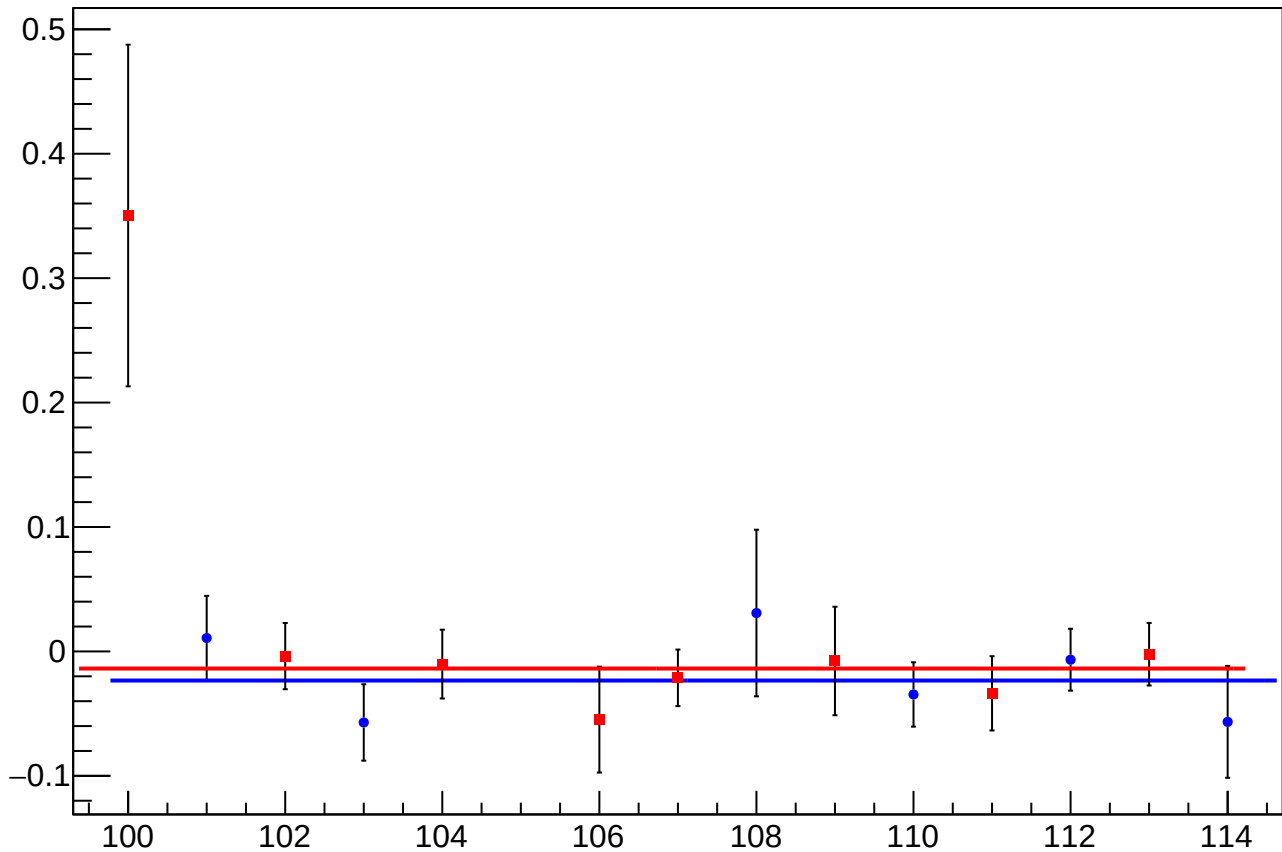
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 444520.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.023 $\pm$ 0.013 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.014 $\pm$ 0.011 χ^2 /NDF: 8.9/7

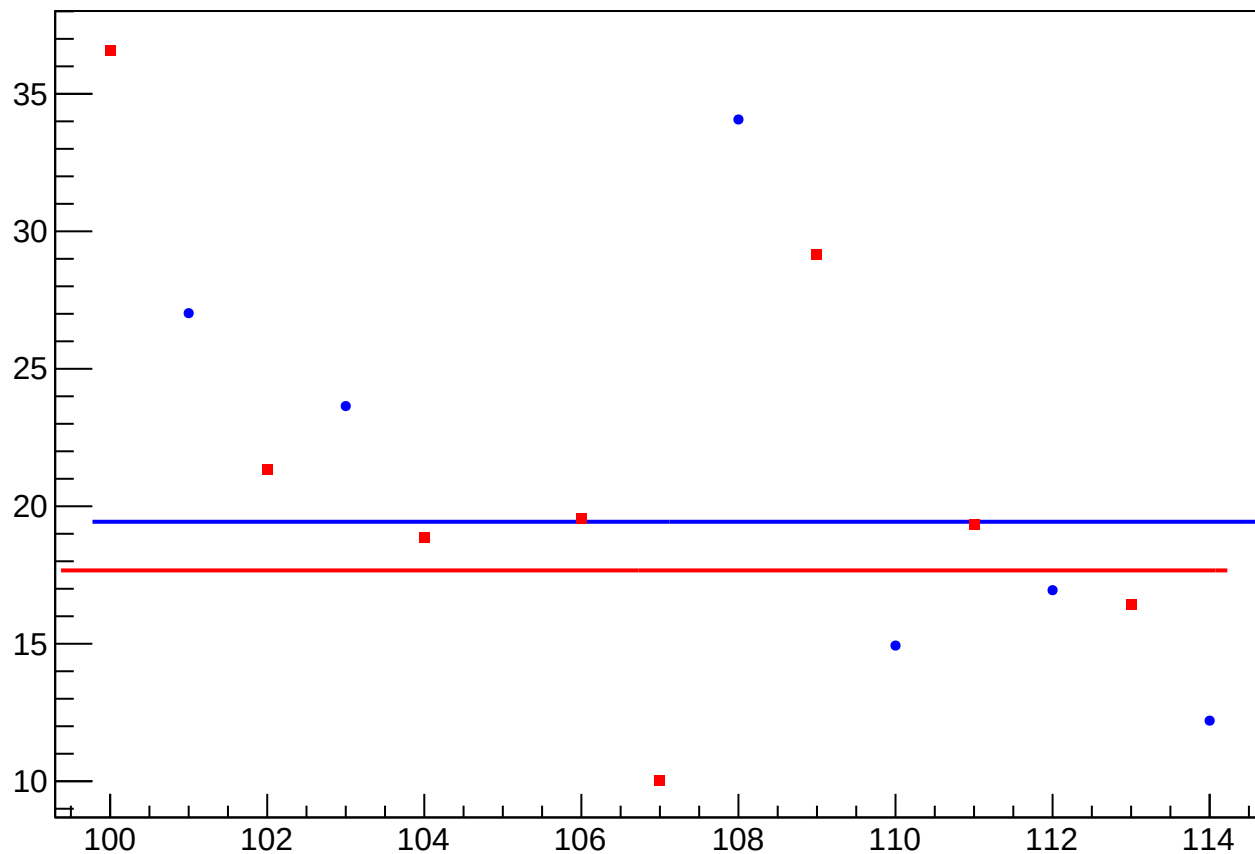
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.008 χ^2 /NDF: 13.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.437+/-0.009 χ^2/NDF : 365748.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.668+/-0.008 χ^2/NDF : 459997.9/7

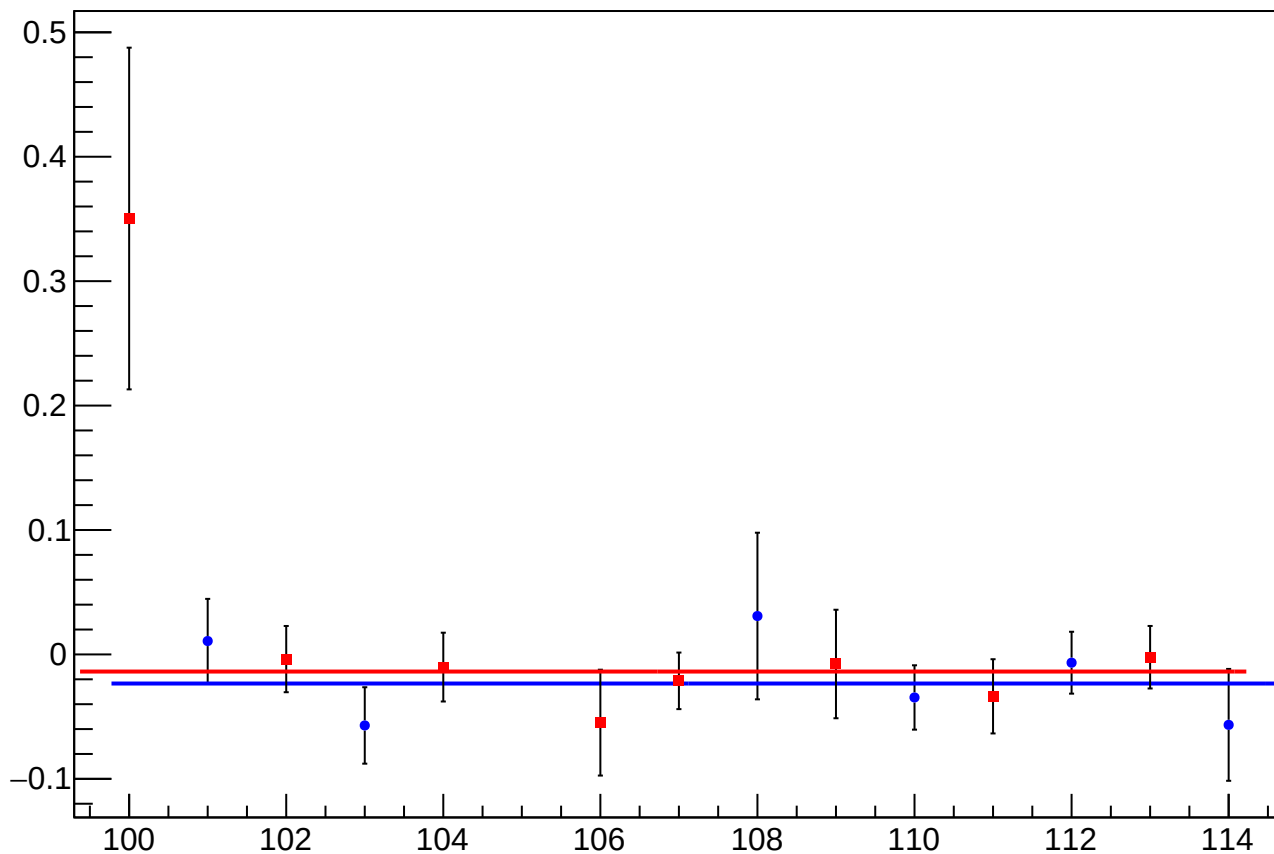
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.383+/-0.006 χ^2/NDF : 847244.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023+/-0.013 χ^2/NDF : 4.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.011 χ^2/NDF : 8.9/7

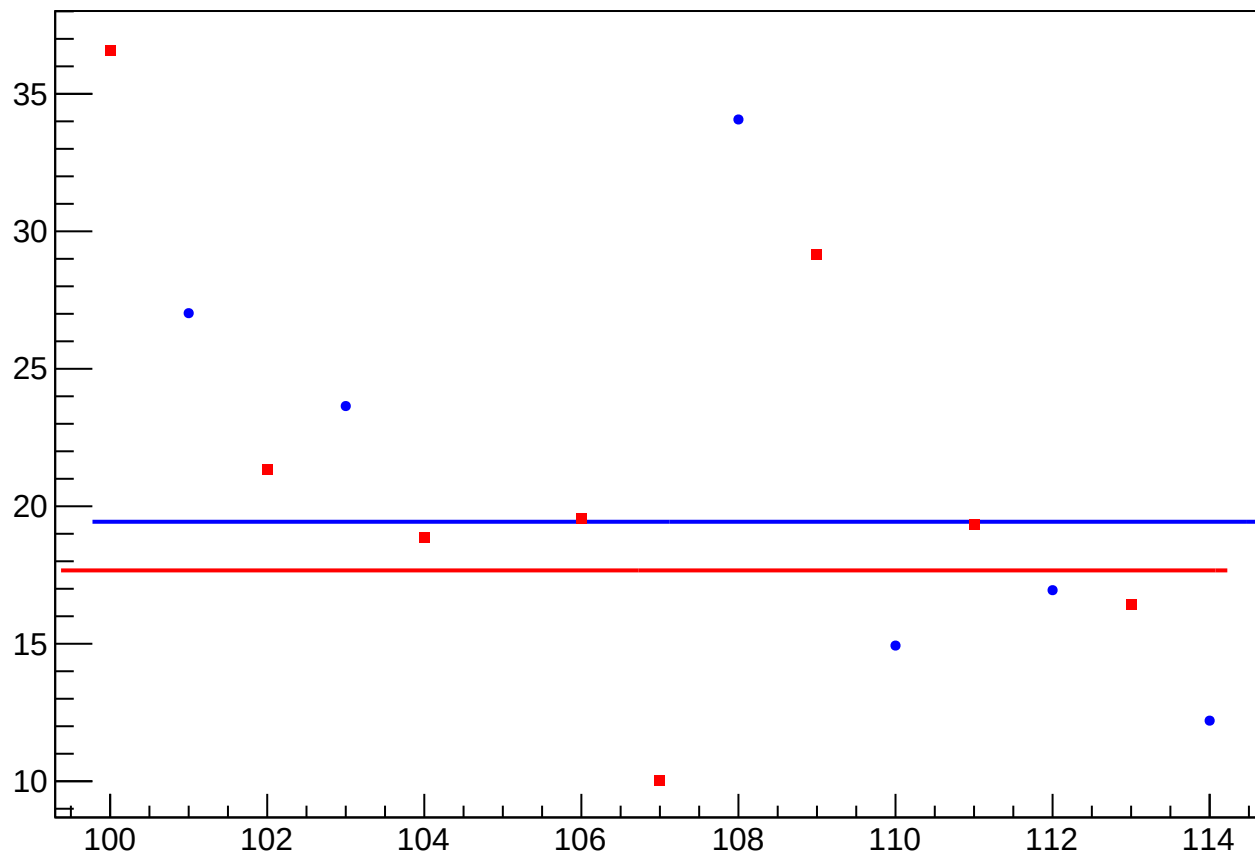
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.008 χ^2/NDF : 13.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.437 $\pm$ 0.009 χ^2 /NDF: 365748.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.668 $\pm$ 0.008 χ^2 /NDF: 459997.9/7

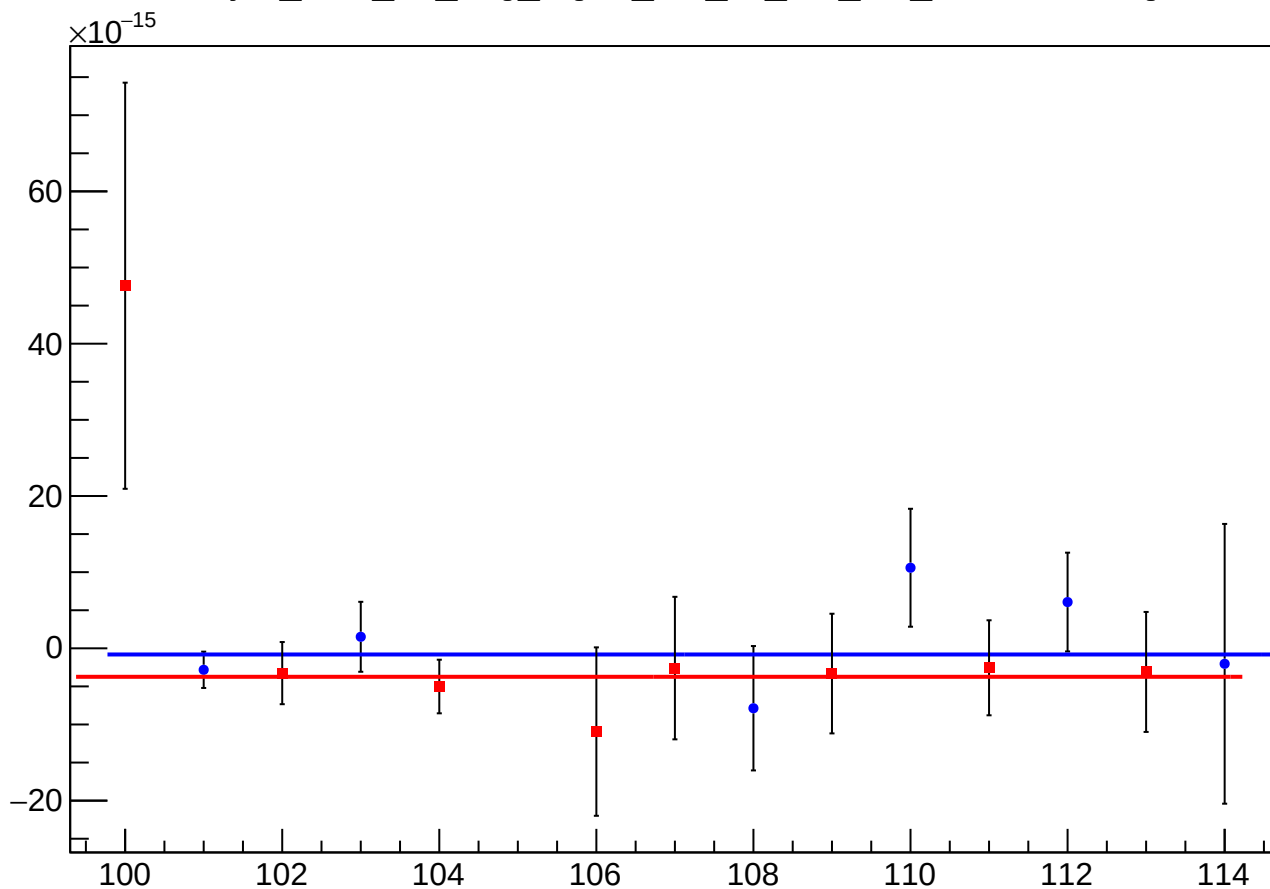
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.383 $\pm$ 0.006 χ^2 /NDF: 847244.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 5.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.3/7

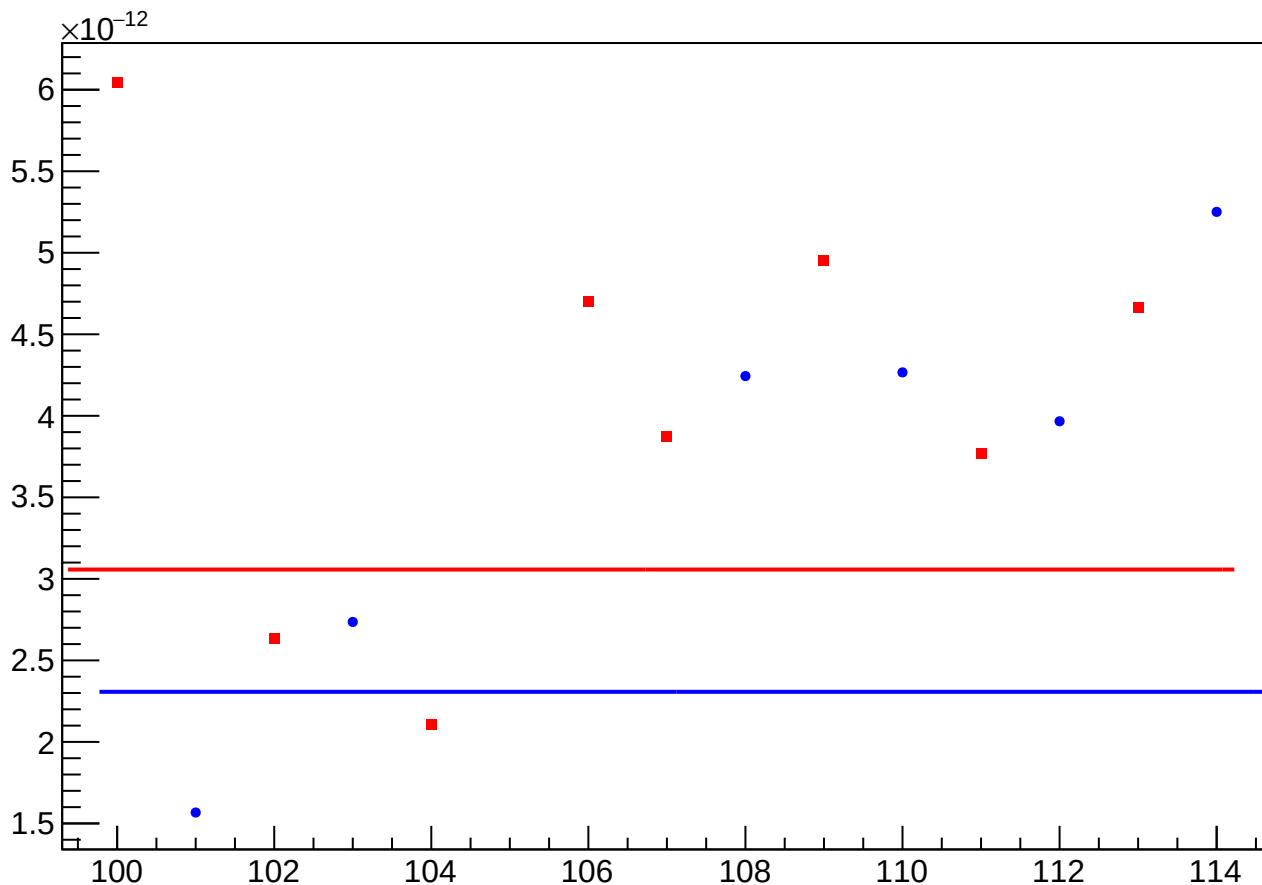
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 10.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 633041.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 476211.3/7

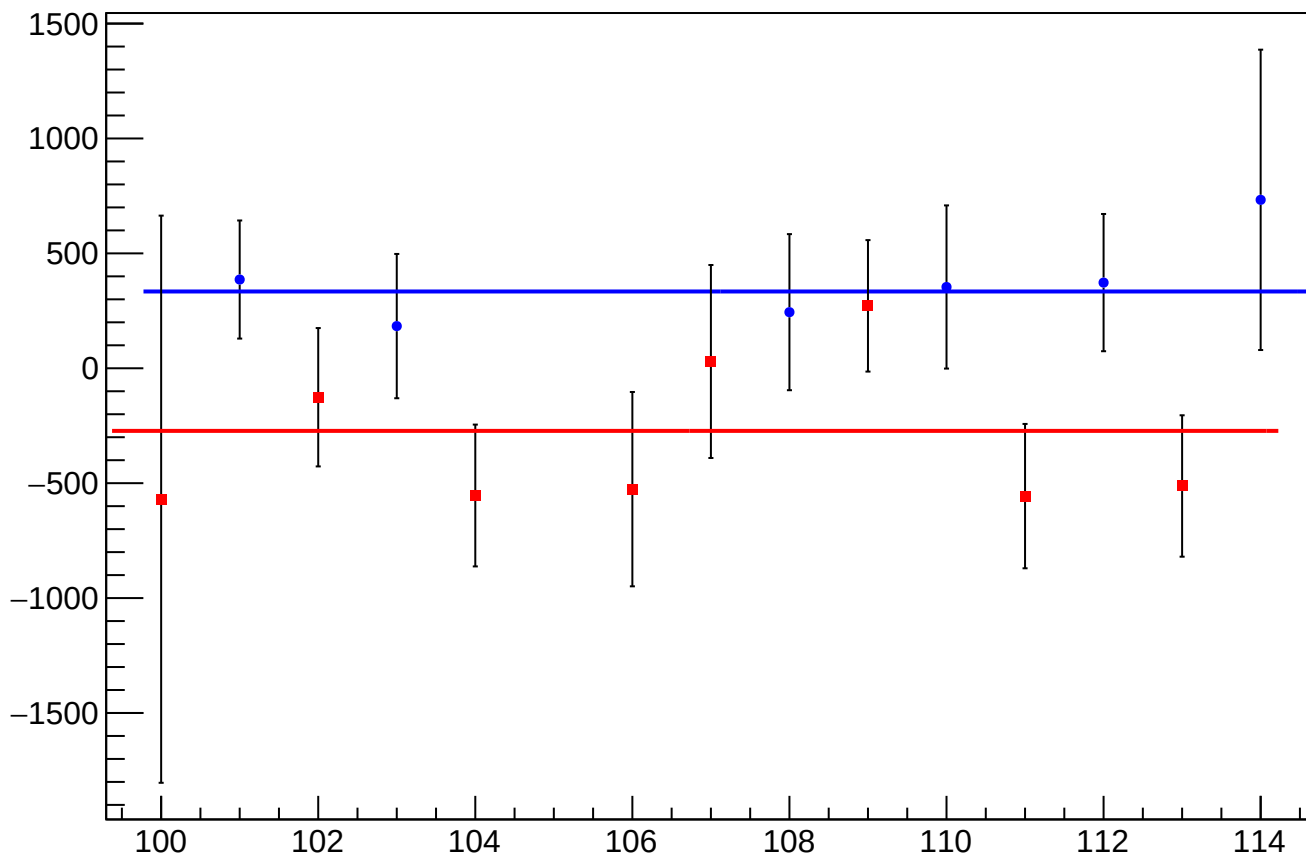
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1248129.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 334.176+/-134.296 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -272.450+/-122.740 χ^2/NDF : 7.0/7

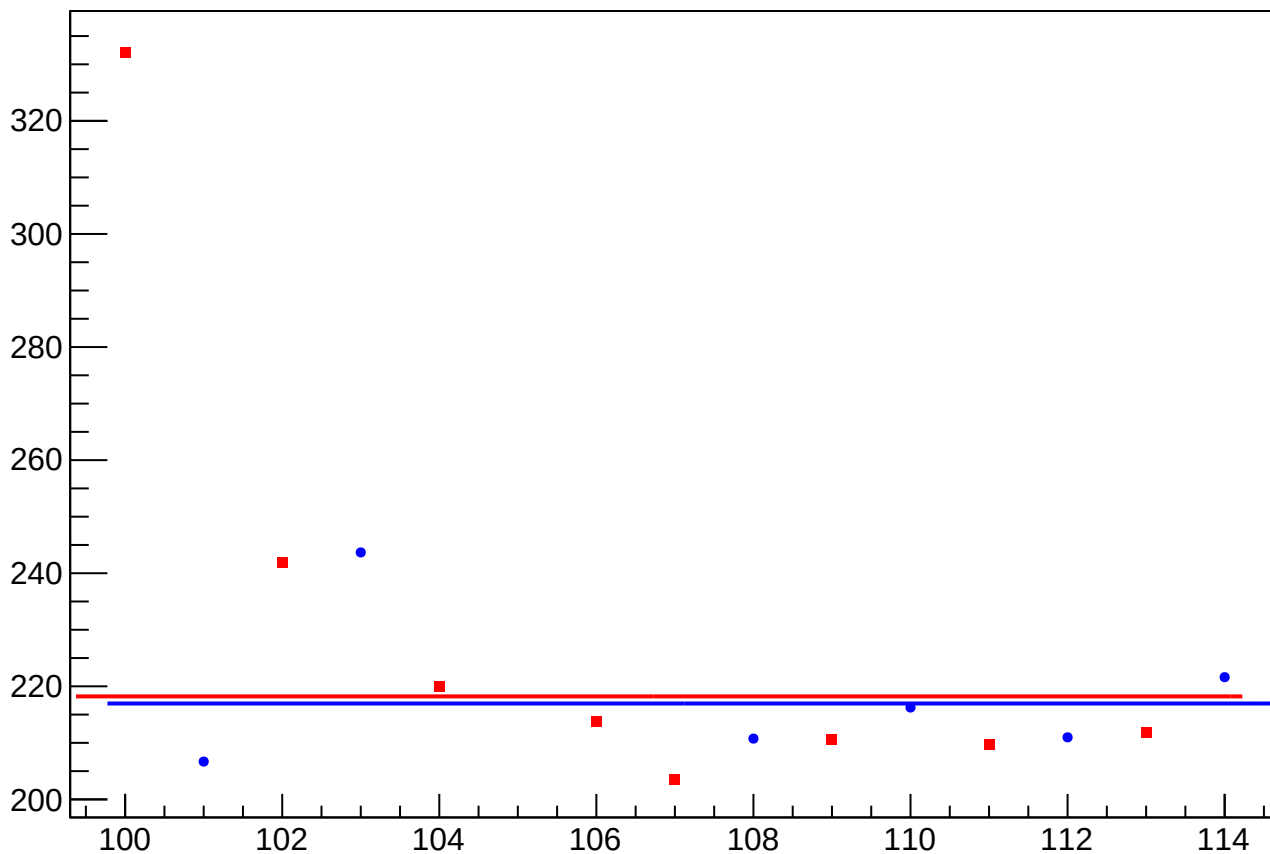
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.645+/-90.601 χ^2/NDF : 18.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 216.960 $\pm$ 0.095 χ^2 /NDF: 19259.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 218.219 $\pm$ 0.087 χ^2 /NDF: 35776.3/7

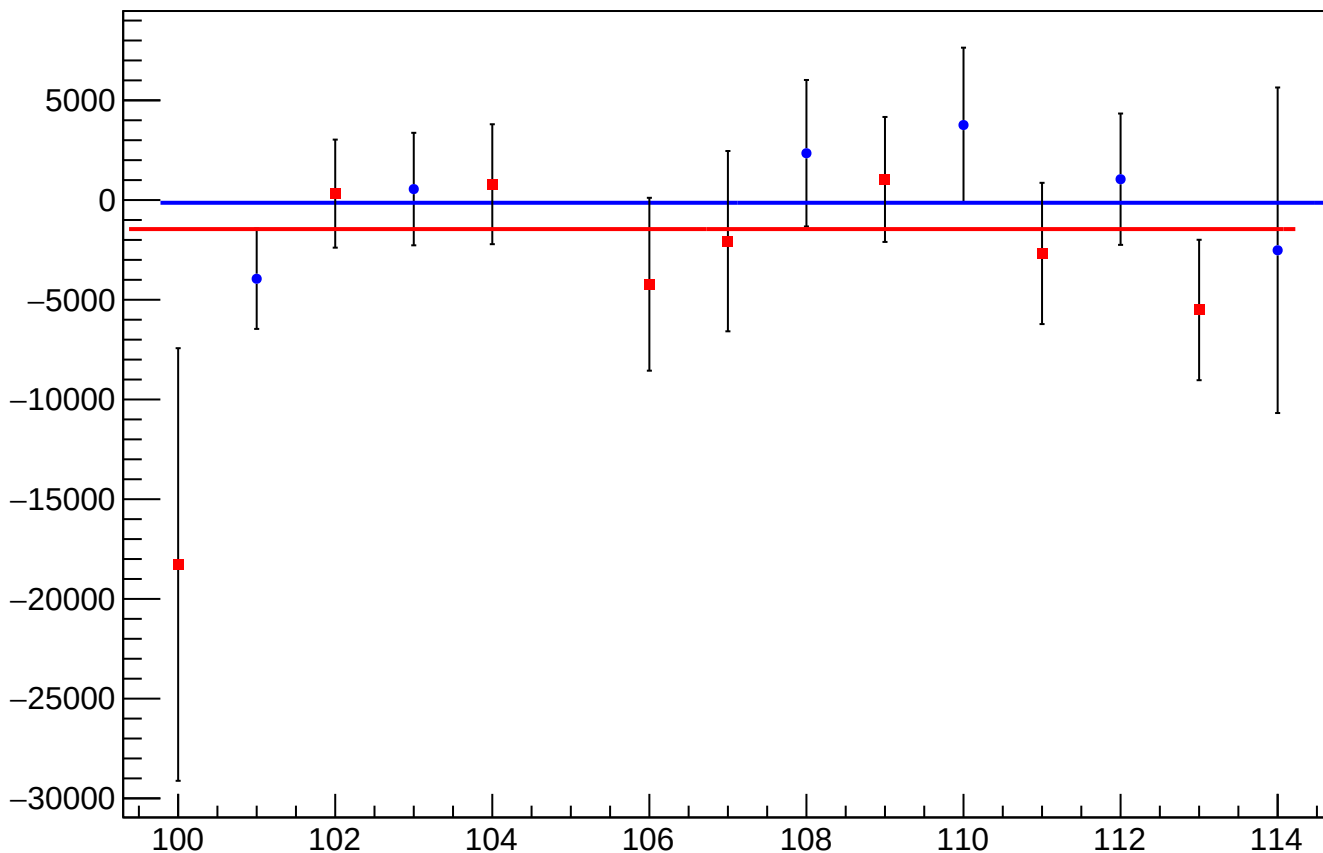
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 217.646 $\pm$ 0.064 χ^2 /NDF: 55131.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



Right In: -136.688+/-1371.279 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1456.040+/-1270.129 χ^2/NDF : 5.9/7

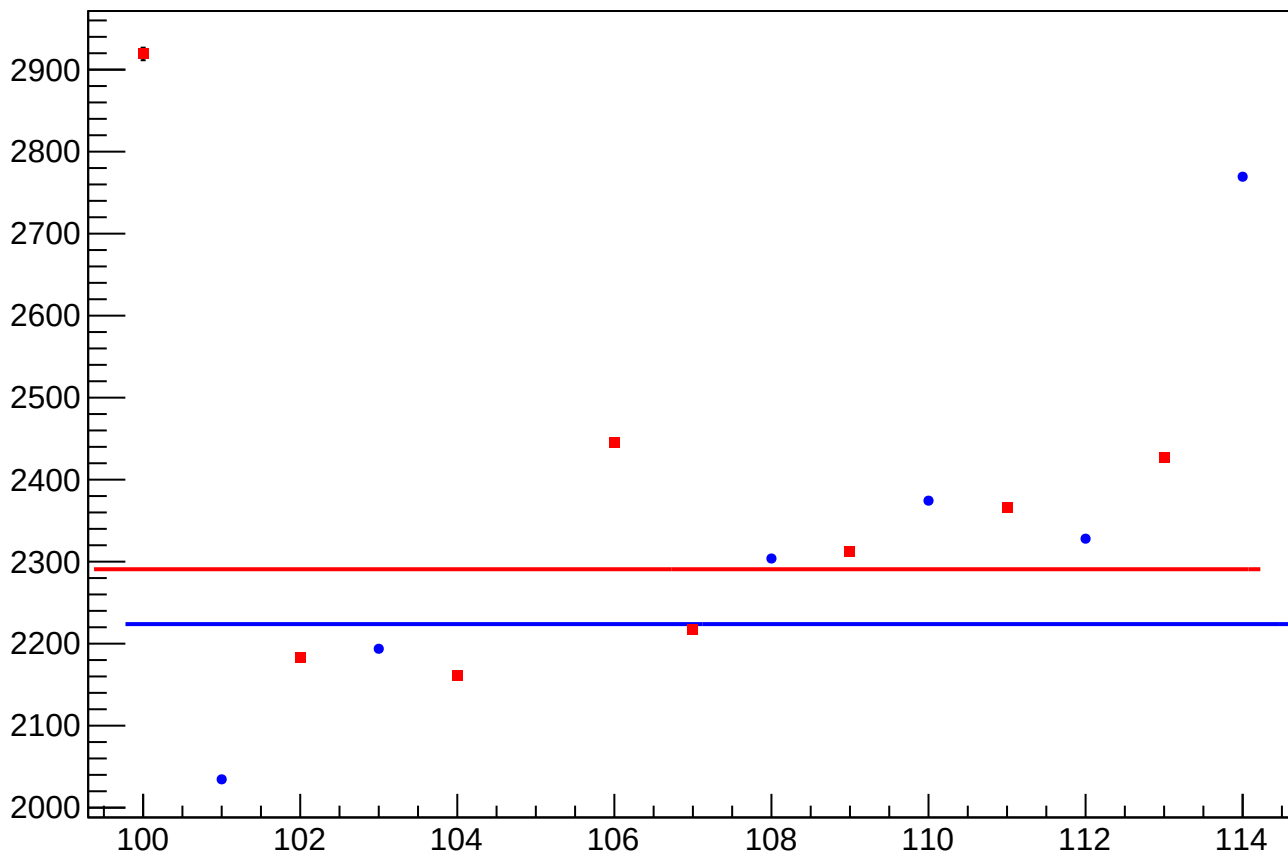
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.814+/-931.826 χ^2/NDF : 10.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 2223.843+/-0.970 χ^2/NDF : 26468.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2290.761+/-0.898 χ^2/NDF : 20637.1/7

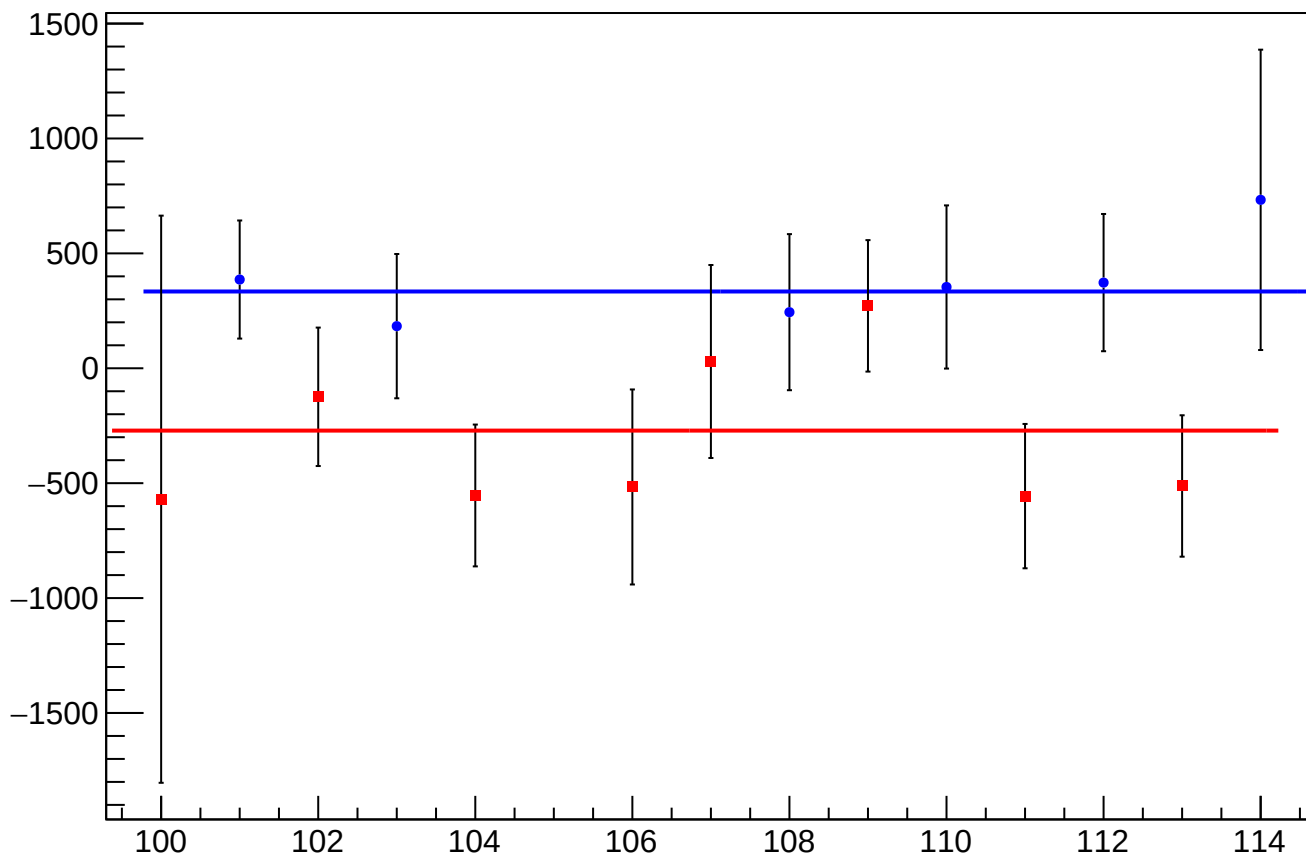
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.861+/-0.659 χ^2/NDF : 49669.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 334.146 $\pm$ 134.296 χ^2 /NDF: 0.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -271.209 $\pm$ 122.787 χ^2 /NDF: 7.0/7

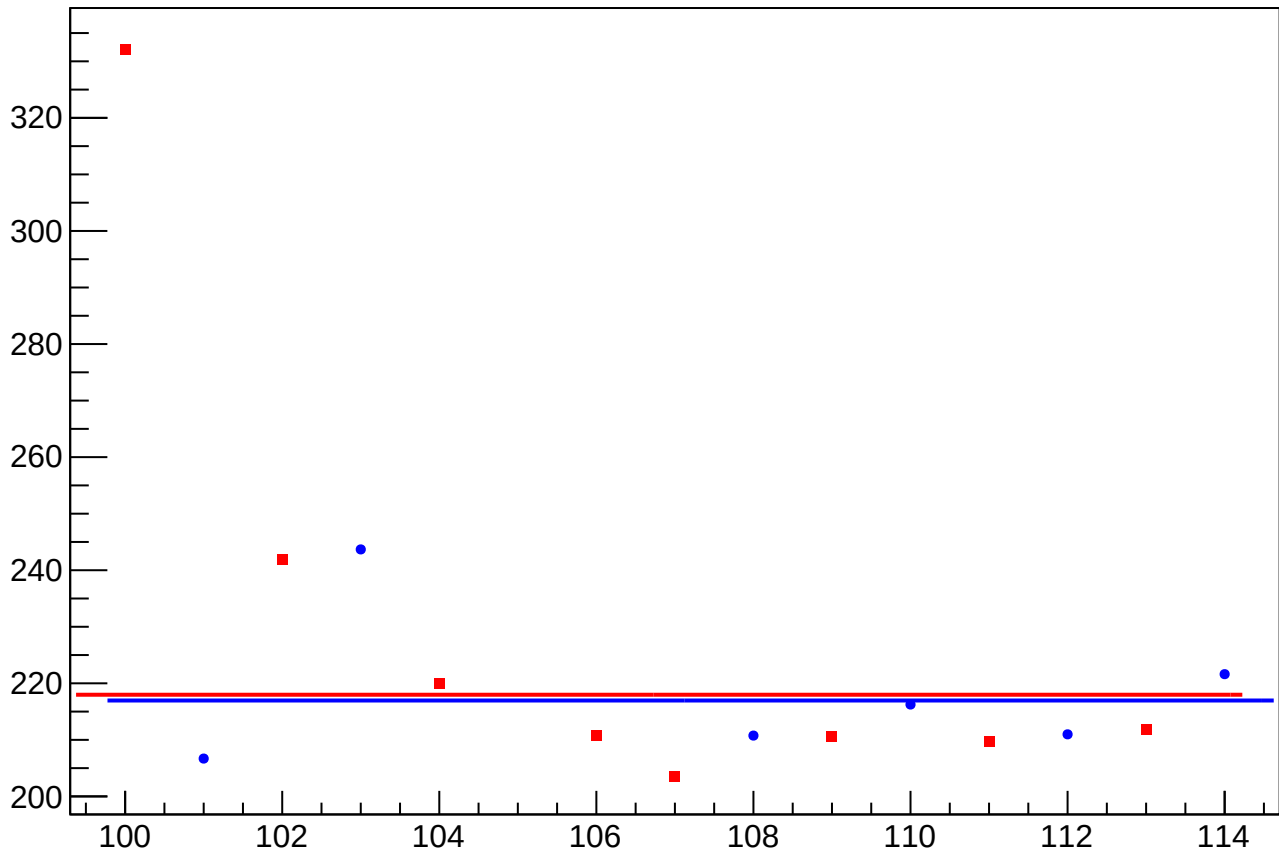
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.424 $\pm$ 90.620 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_avg_rms vs Slug



Right In: 216.960 $\pm$ 0.095 χ^2 /NDF: 19260.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.980 $\pm$ 0.087 χ^2 /NDF: 36302.1/7

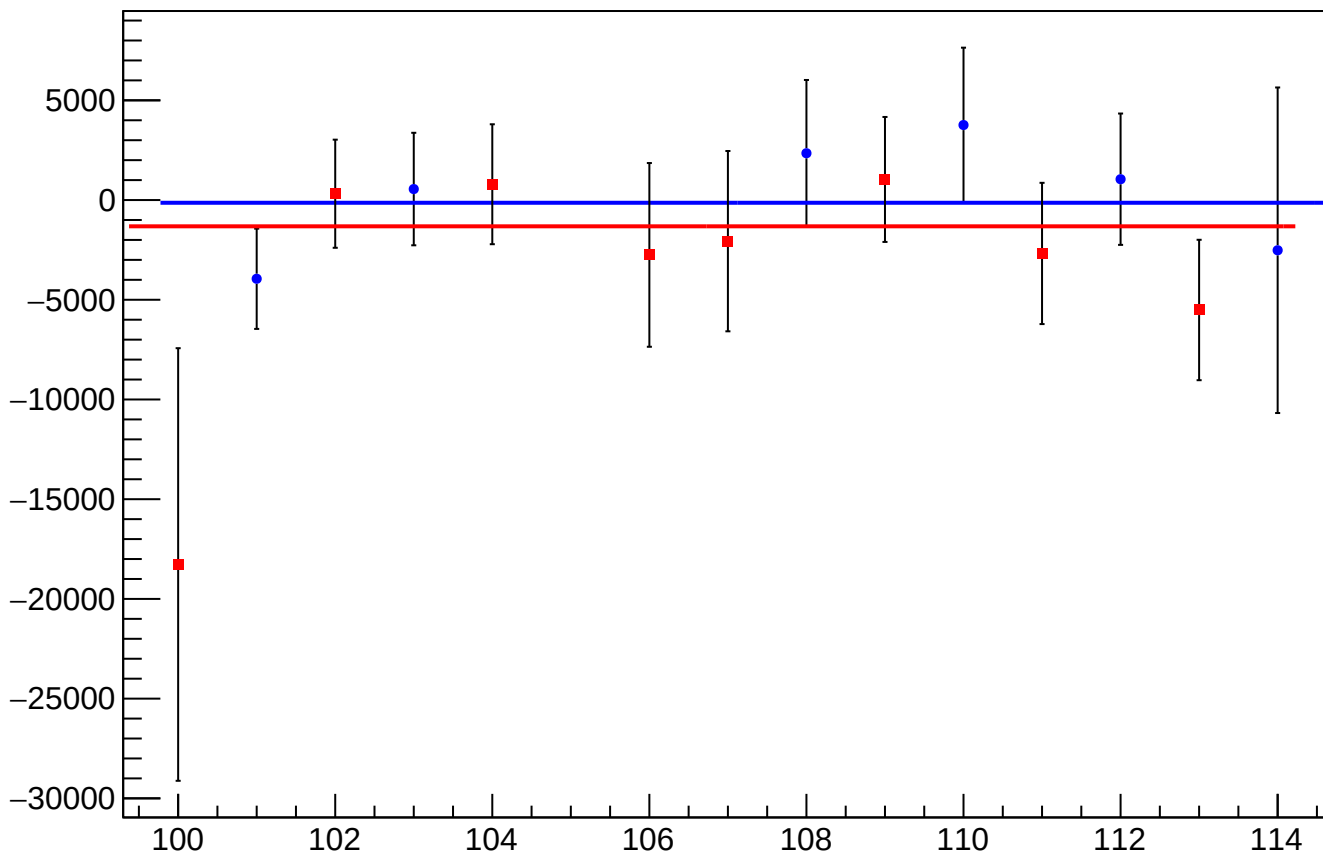
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 217.515 $\pm$ 0.064 χ^2 /NDF: 55625.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_cor_correction_mean vs Slug



Right In: -136.420 ± 1371.297 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1317.270 ± 1276.623 χ^2/NDF : 5.6/7

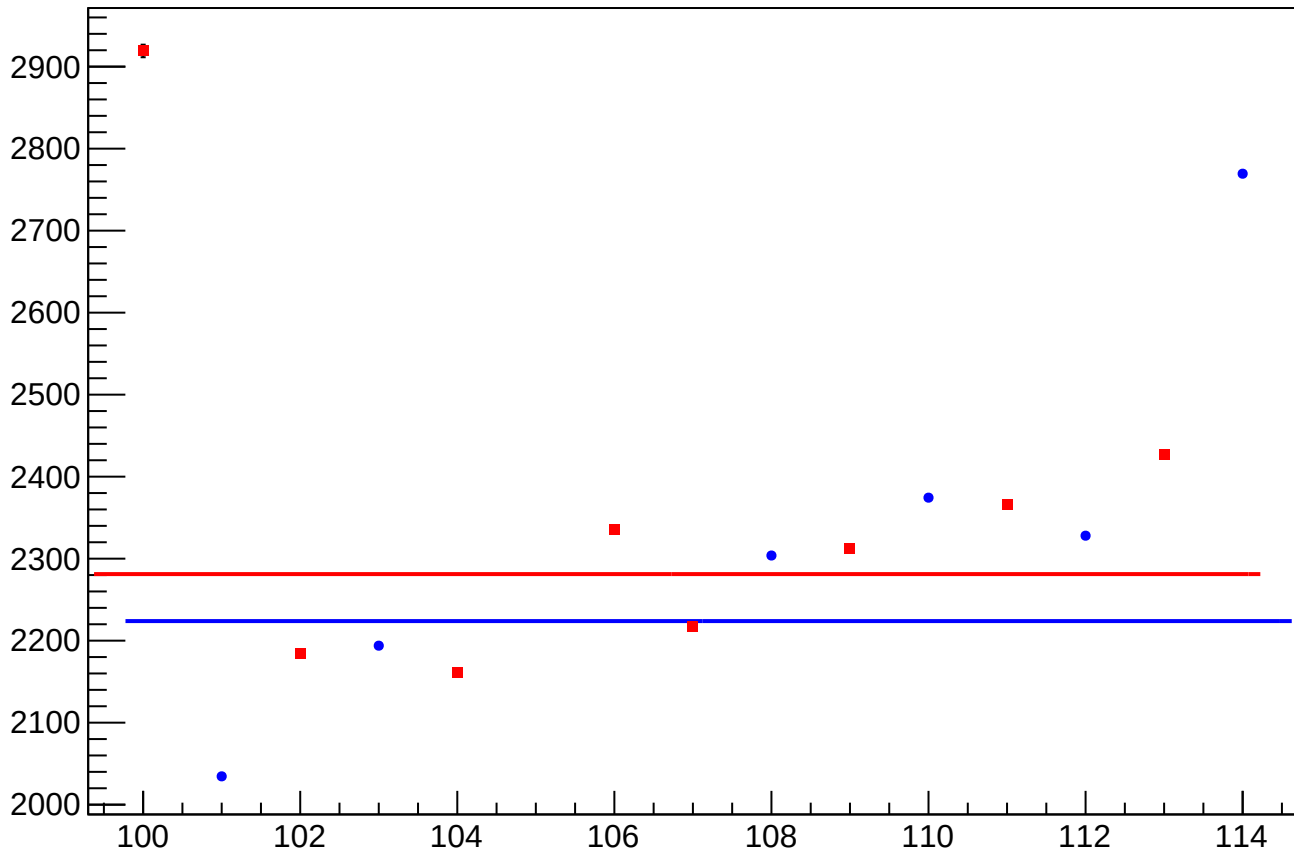
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -769.011 ± 934.387 χ^2/NDF : 10.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 2223.872+/-0.970 χ^2/NDF : 26466.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2281.180+/-0.903 χ^2/NDF : 18094.1/7

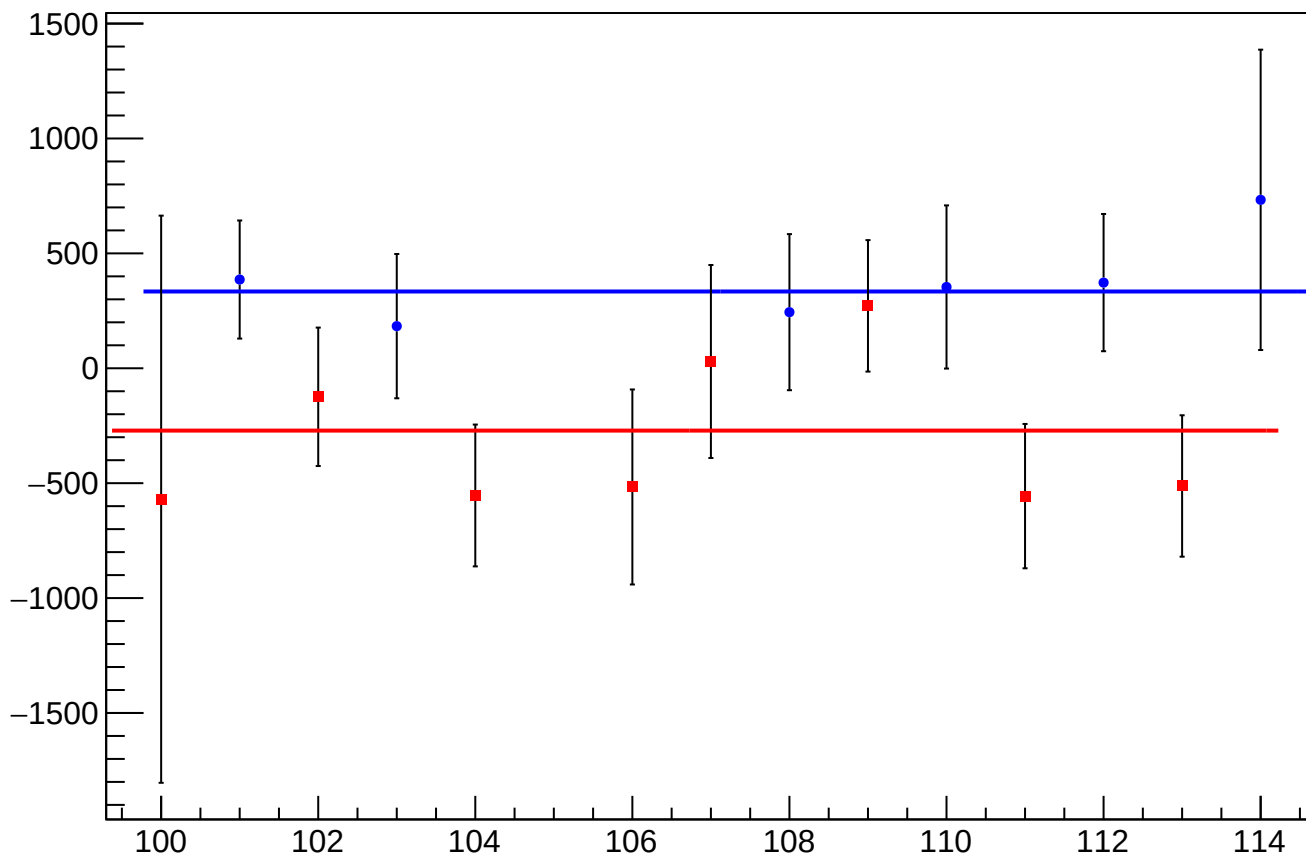
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.572+/-0.661 χ^2/NDF : 46432.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 334.146 $\pm$ 134.296 χ^2 /NDF: 0.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -271.209 $\pm$ 122.787 χ^2 /NDF: 7.0/7

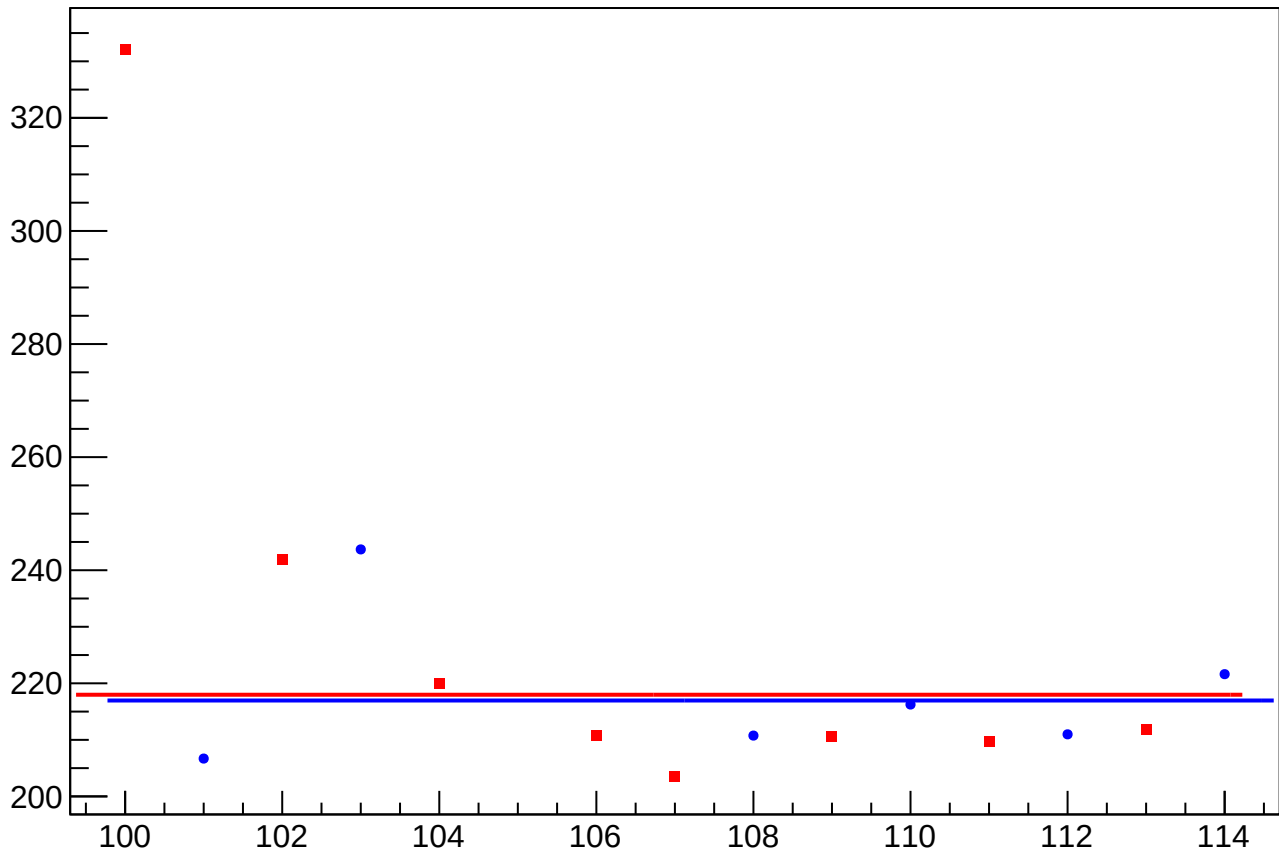
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.424 $\pm$ 90.620 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 216.960 $\pm$ 0.095 χ^2 /NDF: 19260.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.980 $\pm$ 0.087 χ^2 /NDF: 36302.1/7

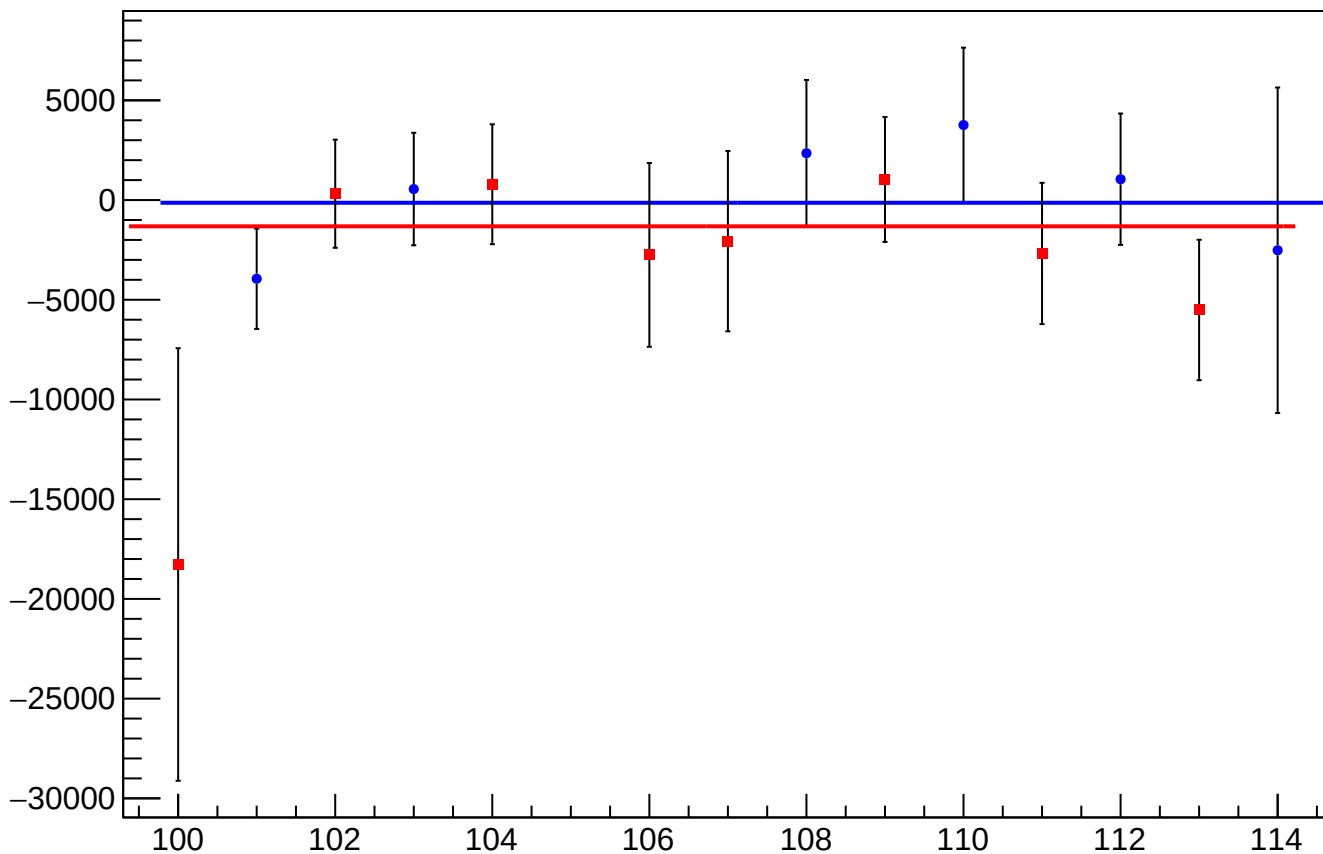
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 217.515 $\pm$ 0.064 χ^2 /NDF: 55625.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



Right In: -136.420 ± 1371.297 χ^2/NDF : 4.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1317.270 ± 1276.623 χ^2/NDF : 5.6/7

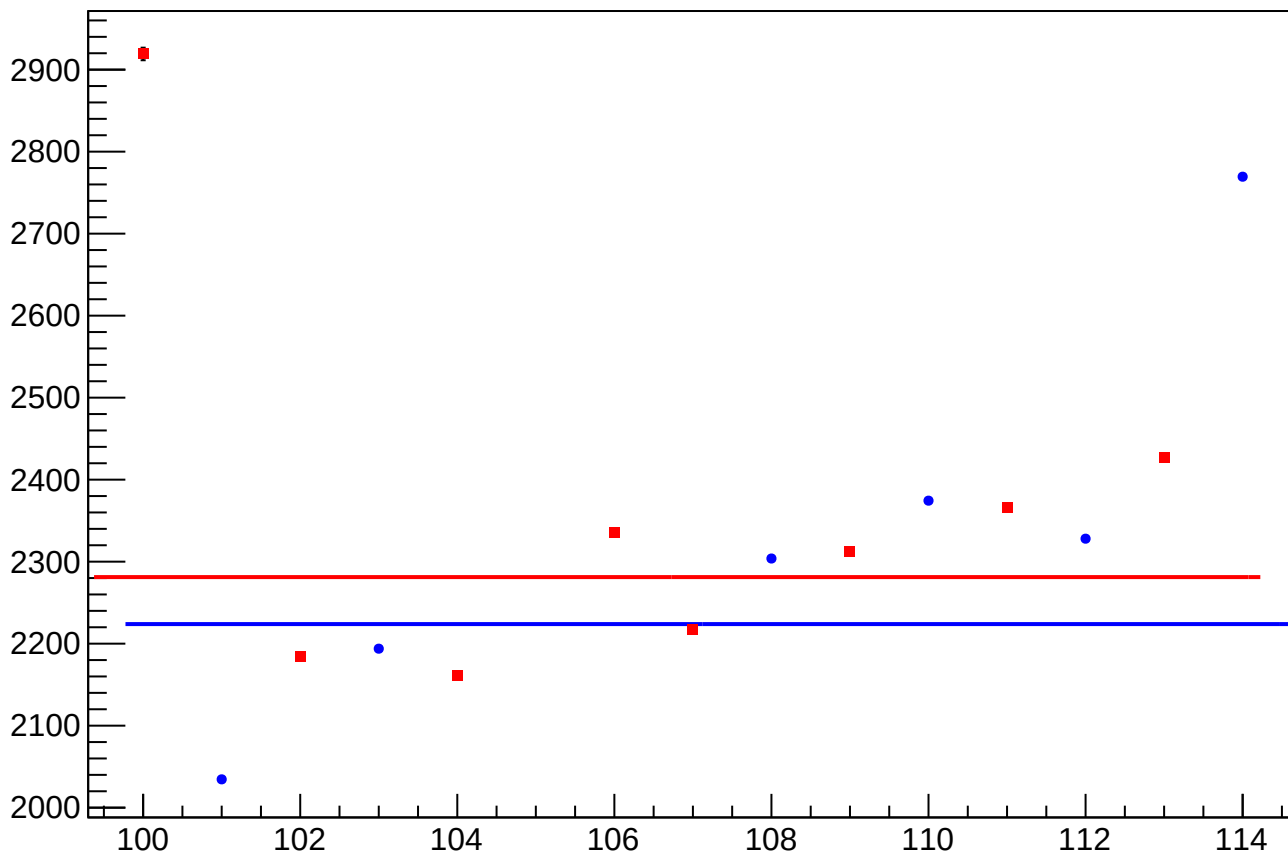
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -769.011 ± 934.387 χ^2/NDF : 10.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 2223.872 $\pm$ 0.970 χ^2 /NDF: 26466.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2281.180 $\pm$ 0.903 χ^2 /NDF: 18094.1/7

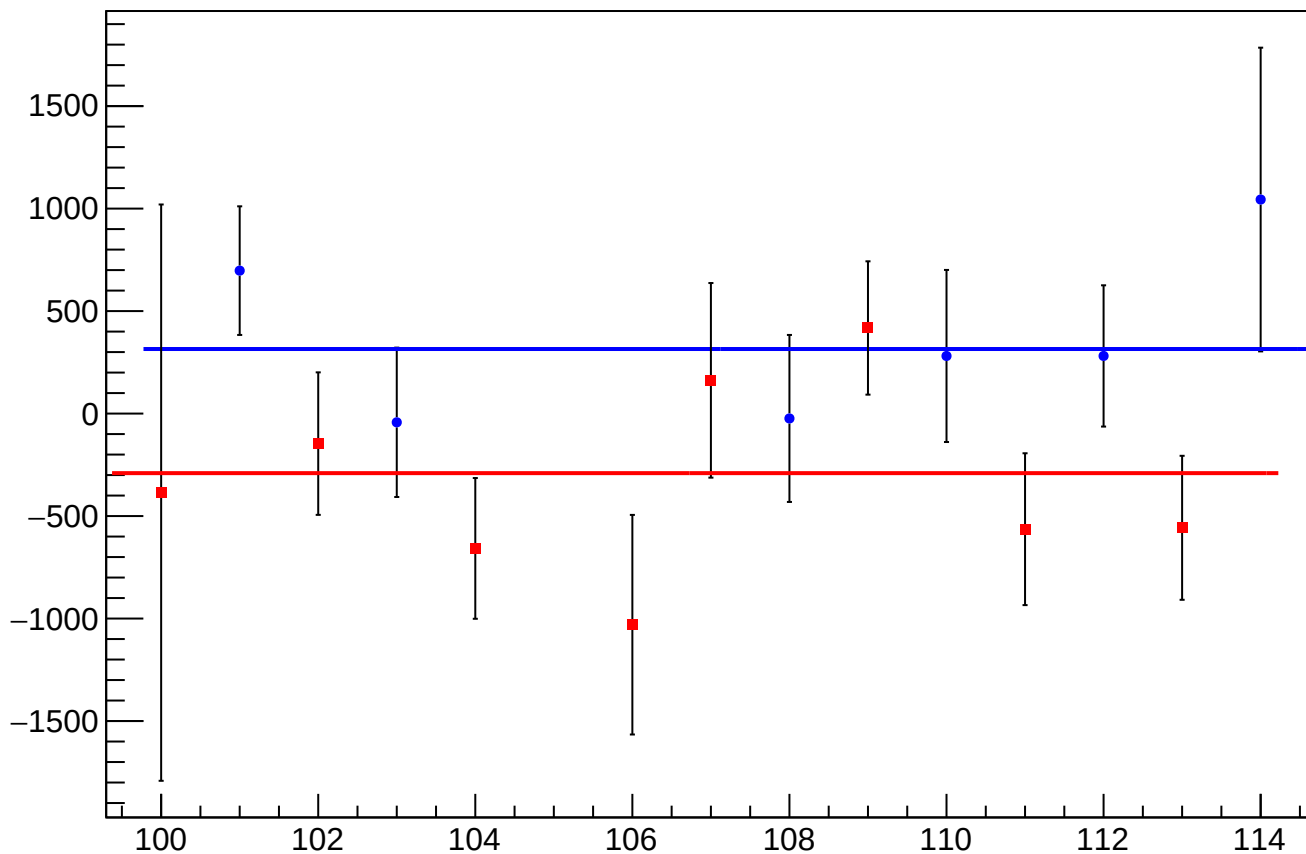
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2254.572 $\pm$ 0.661 χ^2 /NDF: 46432.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 314.983 $\pm$ 158.841 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -290.581 $\pm$ 141.374 χ^2 /NDF: 10.0/7

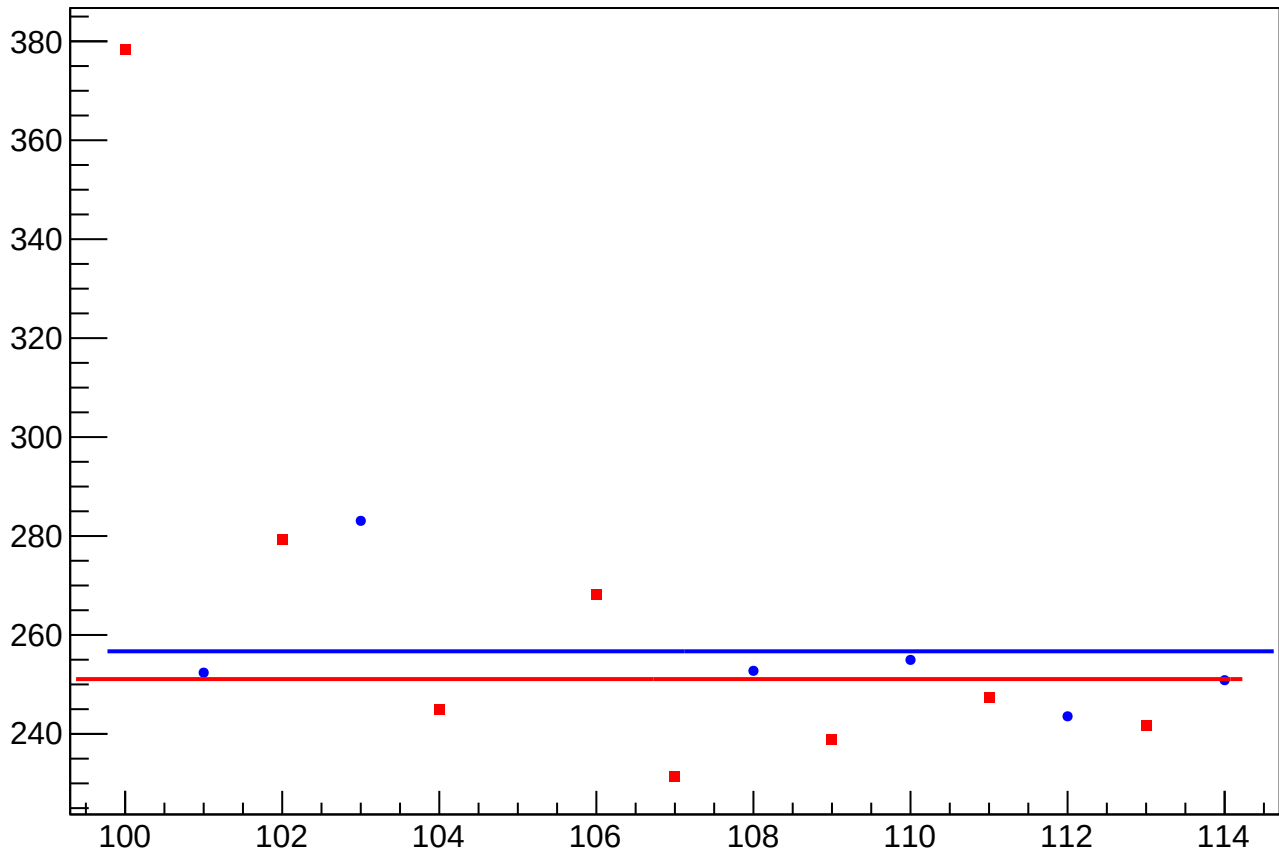
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.913 $\pm$ 105.604 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 256.696 $\pm$ 0.112 χ^2 /NDF: 14110.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.082 $\pm$ 0.100 χ^2 /NDF: 40082.3/7

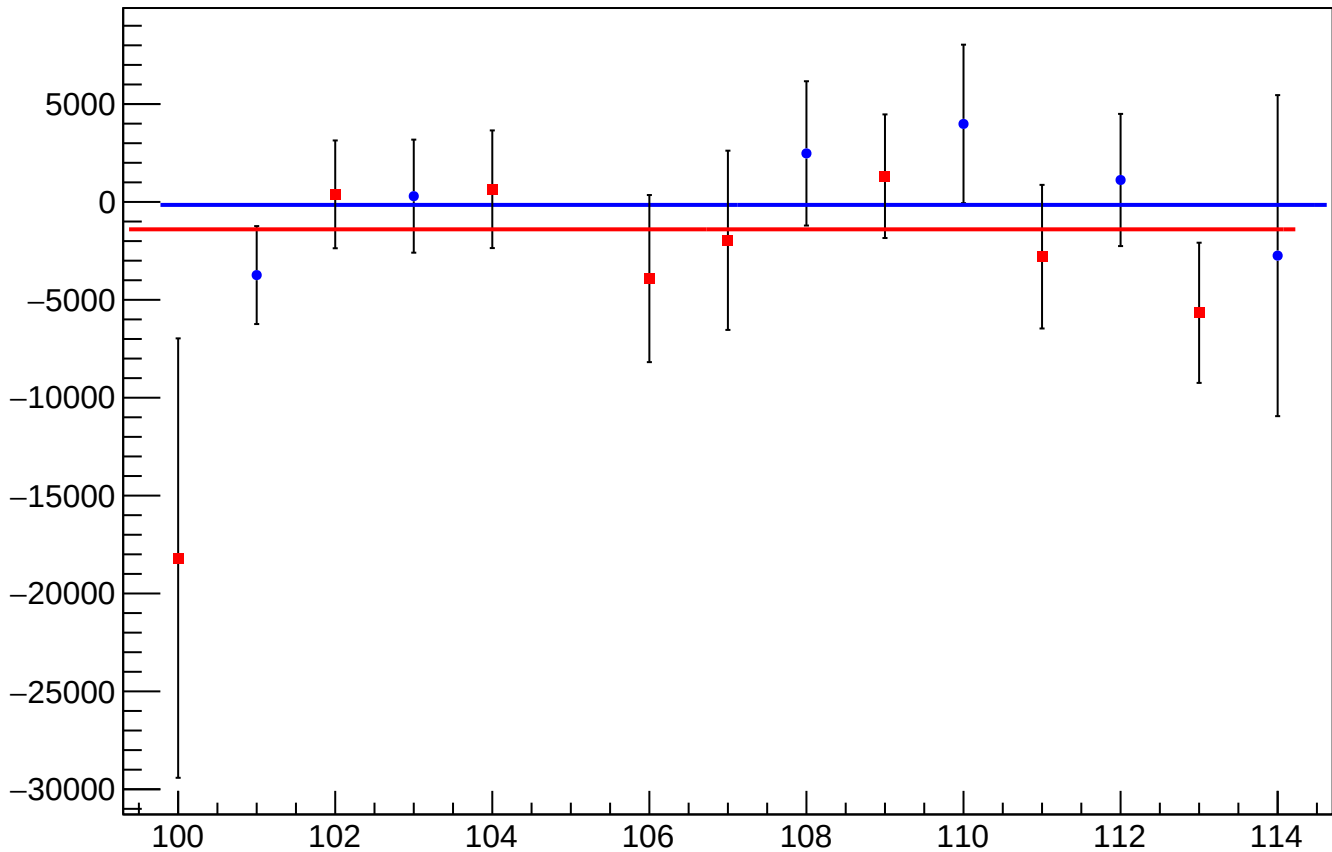
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 253.564 $\pm$ 0.075 χ^2 /NDF: 55587.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



Right In: -150.983+/-1390.785 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1398.894+/-1284.708 χ^2/NDF : 5.8/7

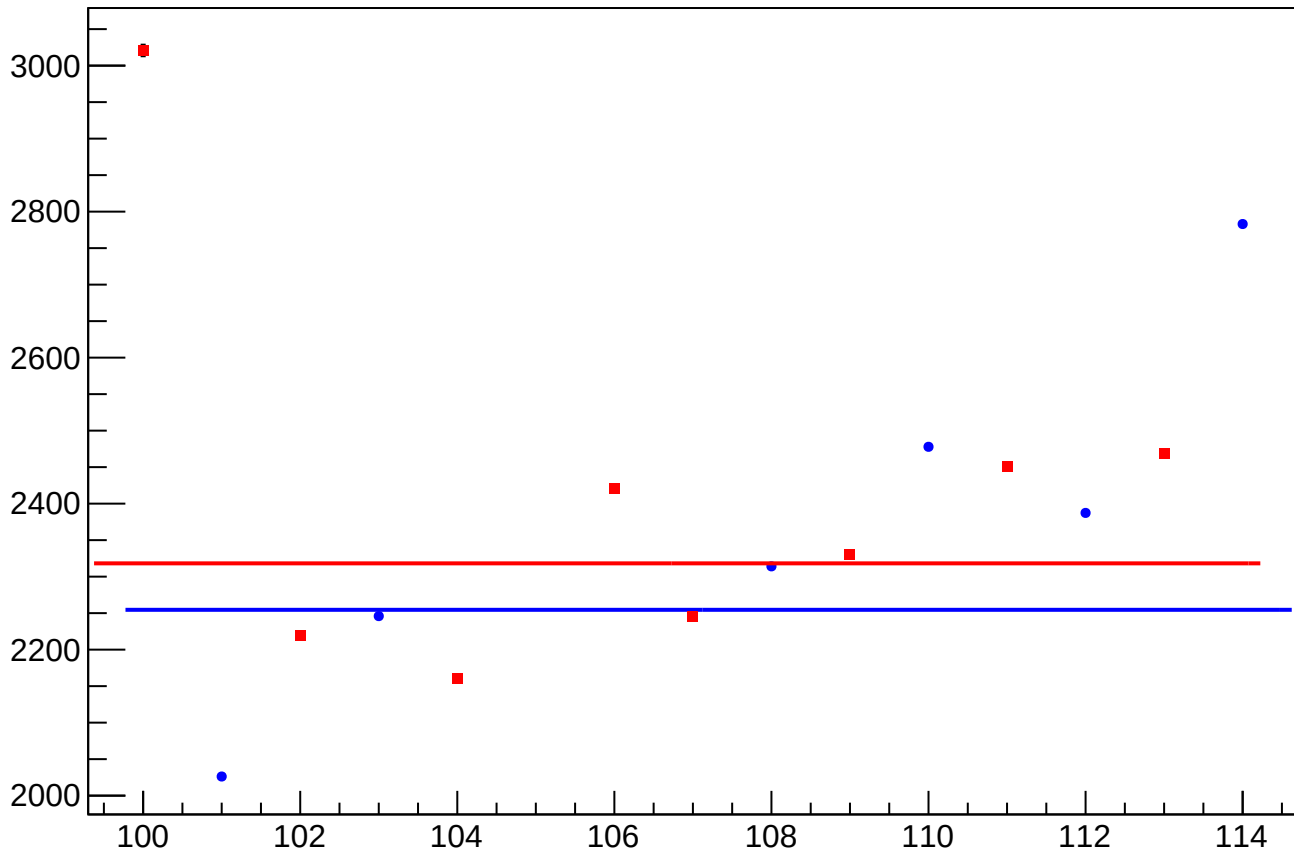
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -824.338+/-943.702 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 2254.553+/-0.983 χ^2/NDF : 34688.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.200+/-0.908 χ^2/NDF : 23834.6/7

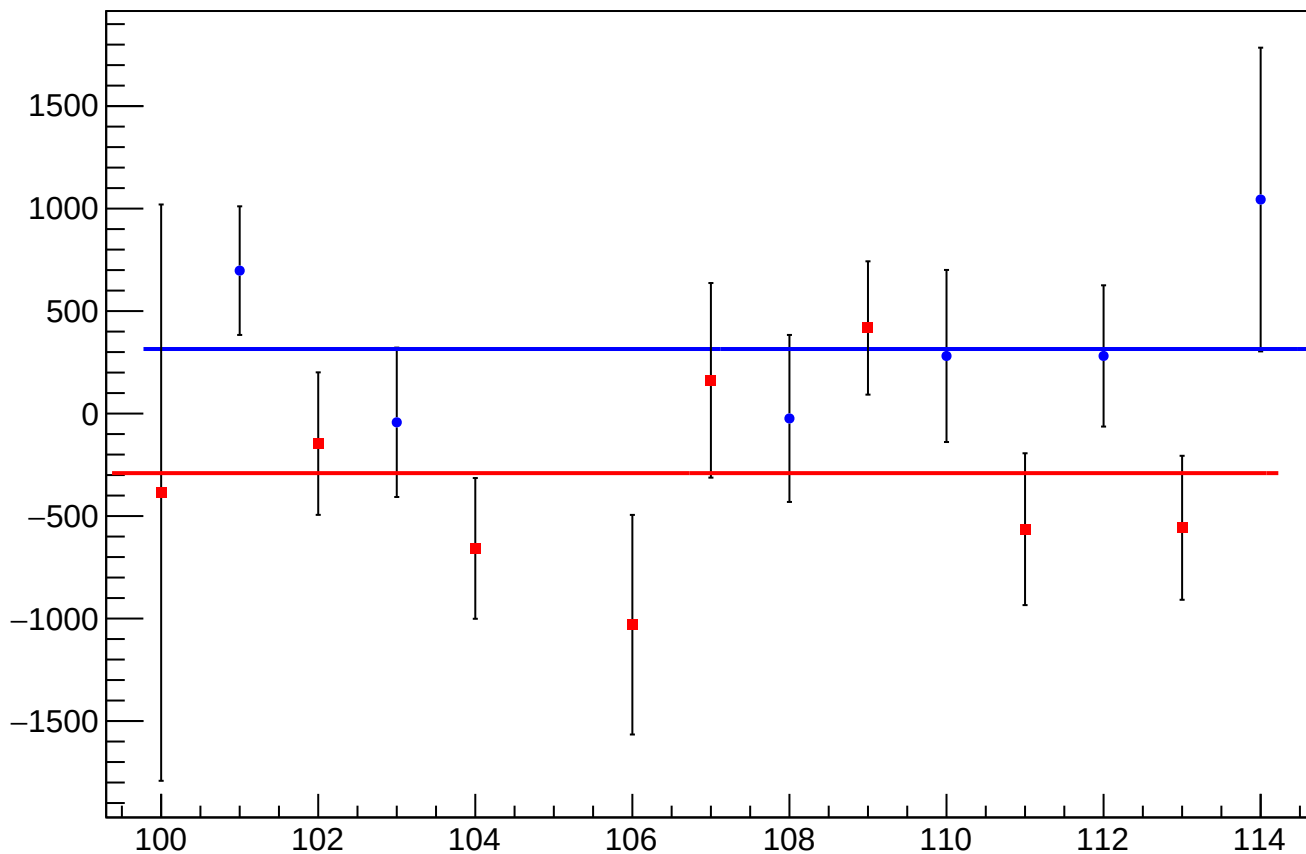
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2288.896+/-0.667 χ^2/NDF : 60782.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 314.973 $\pm$ 158.840 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -290.577 $\pm$ 141.373 χ^2 /NDF: 10.0/7

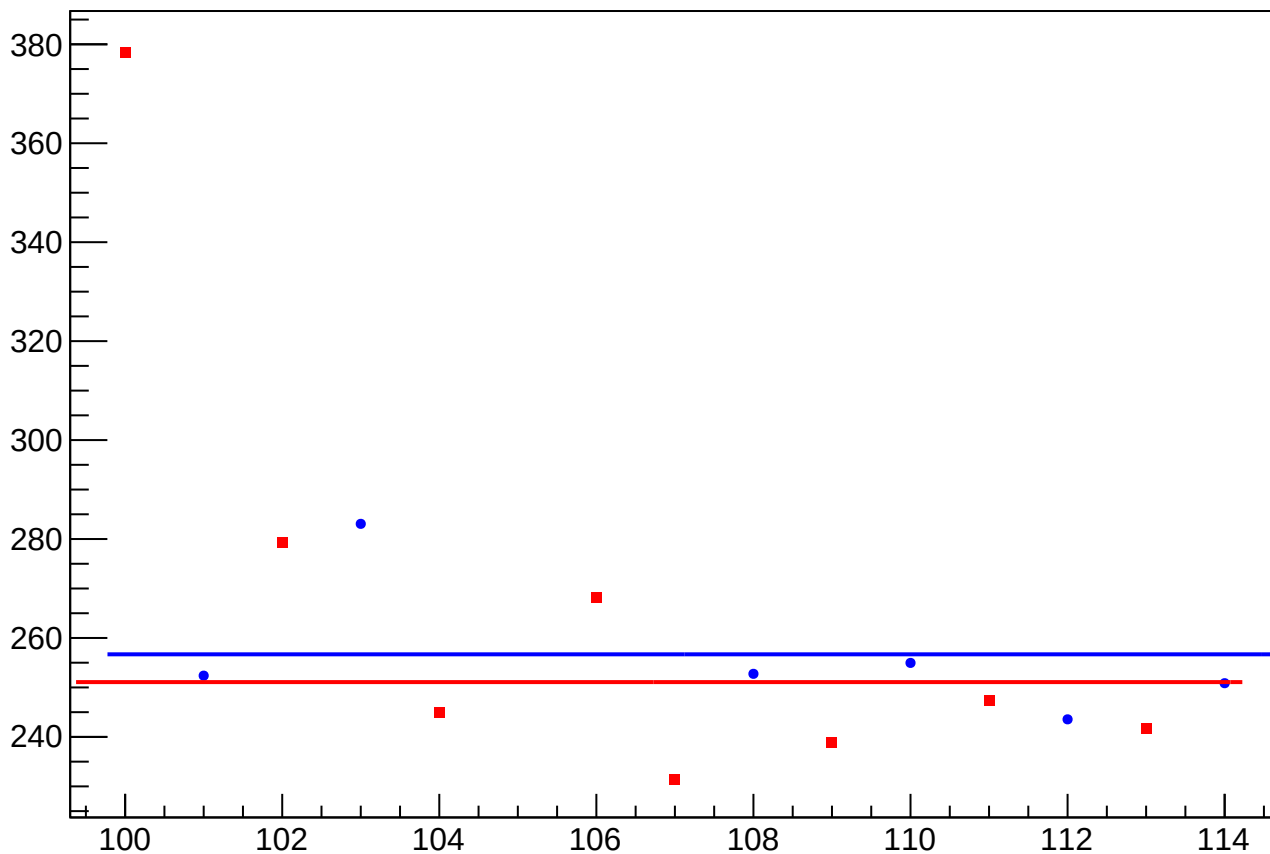
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.915 $\pm$ 105.603 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 256.694 $\pm$ 0.112 χ^2 /NDF: 14111.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.080 $\pm$ 0.100 χ^2 /NDF: 40082.8/7

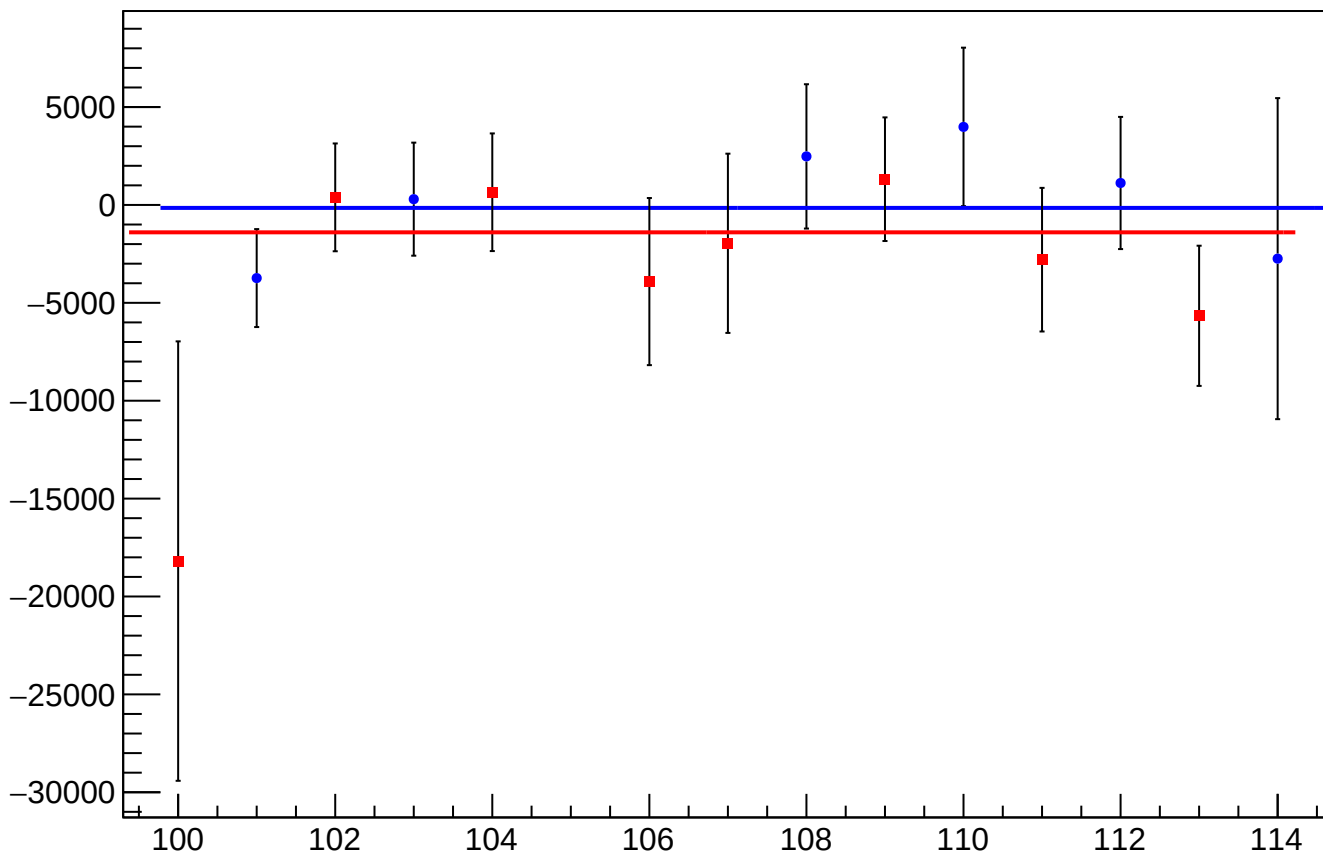
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 253.562 $\pm$ 0.075 χ^2 /NDF: 55588.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -150.982+/-1390.781 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1398.891+/-1284.704 χ^2/NDF : 5.8/7

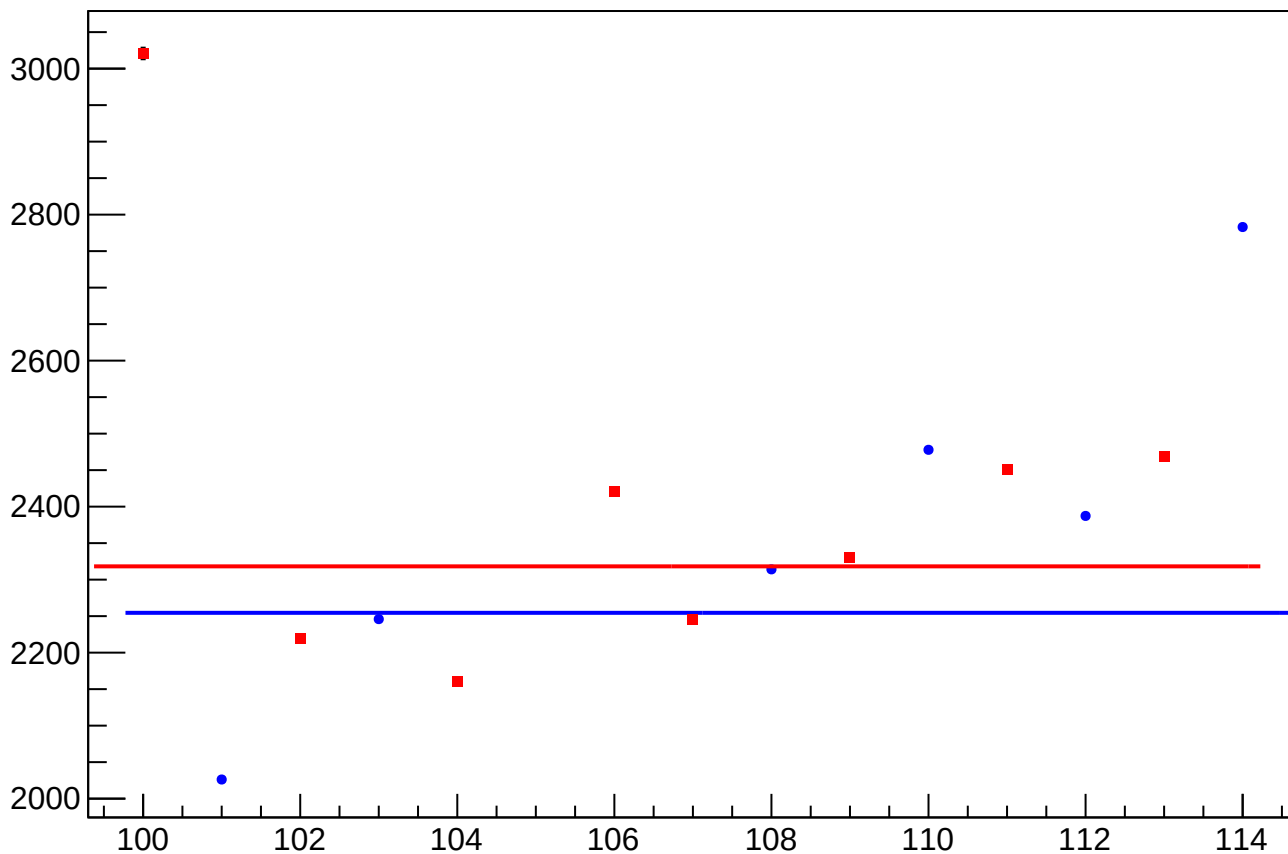
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -824.336+/-943.698 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 2254.546 $\pm$ 0.983 χ^2 /NDF: 34686.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2318.192 $\pm$ 0.908 χ^2 /NDF: 23834.2/7

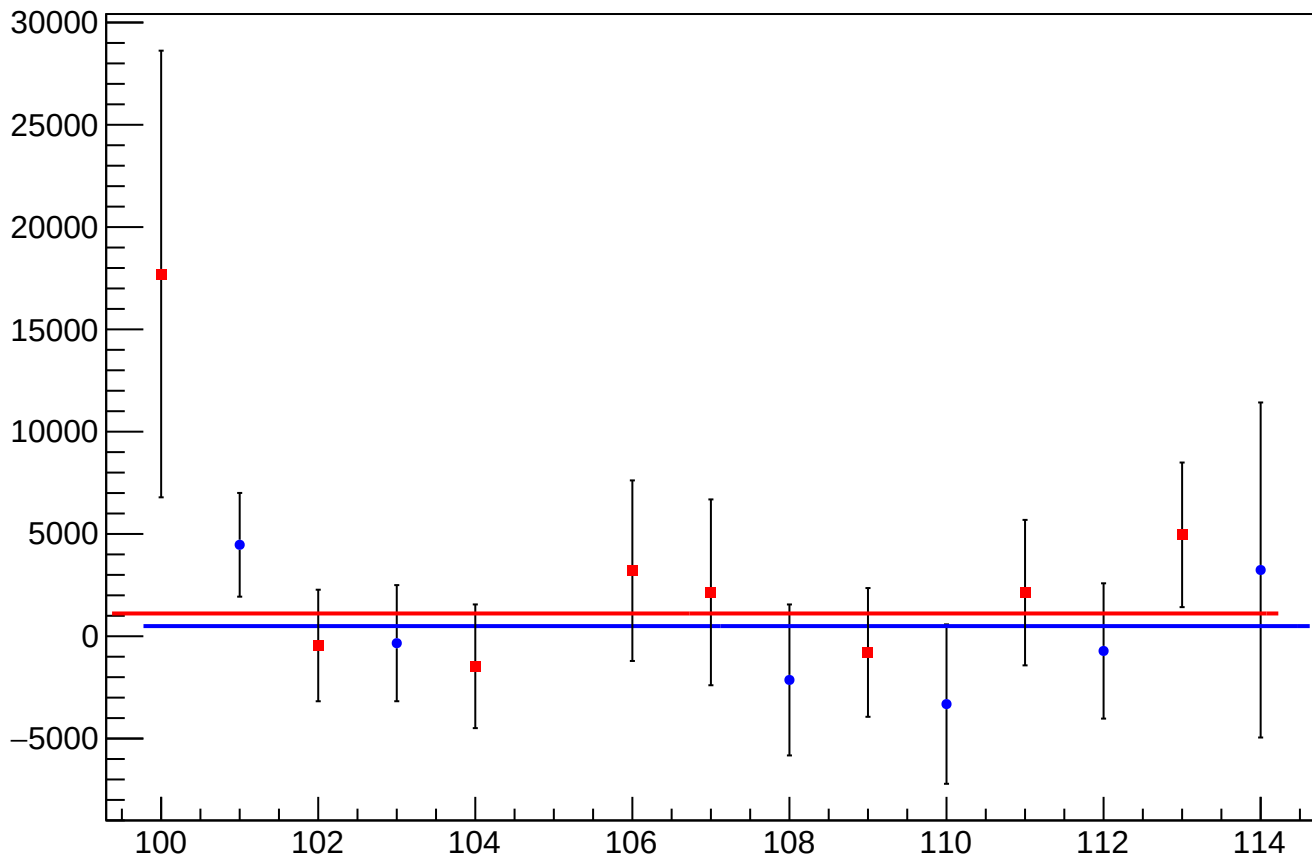
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2288.889 $\pm$ 0.667 χ^2 /NDF: 60780.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 496.246 $\pm$ 1379.567 χ^2 /NDF: 4.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1113.338 $\pm$ 1277.880 χ^2 /NDF: 5.3/7

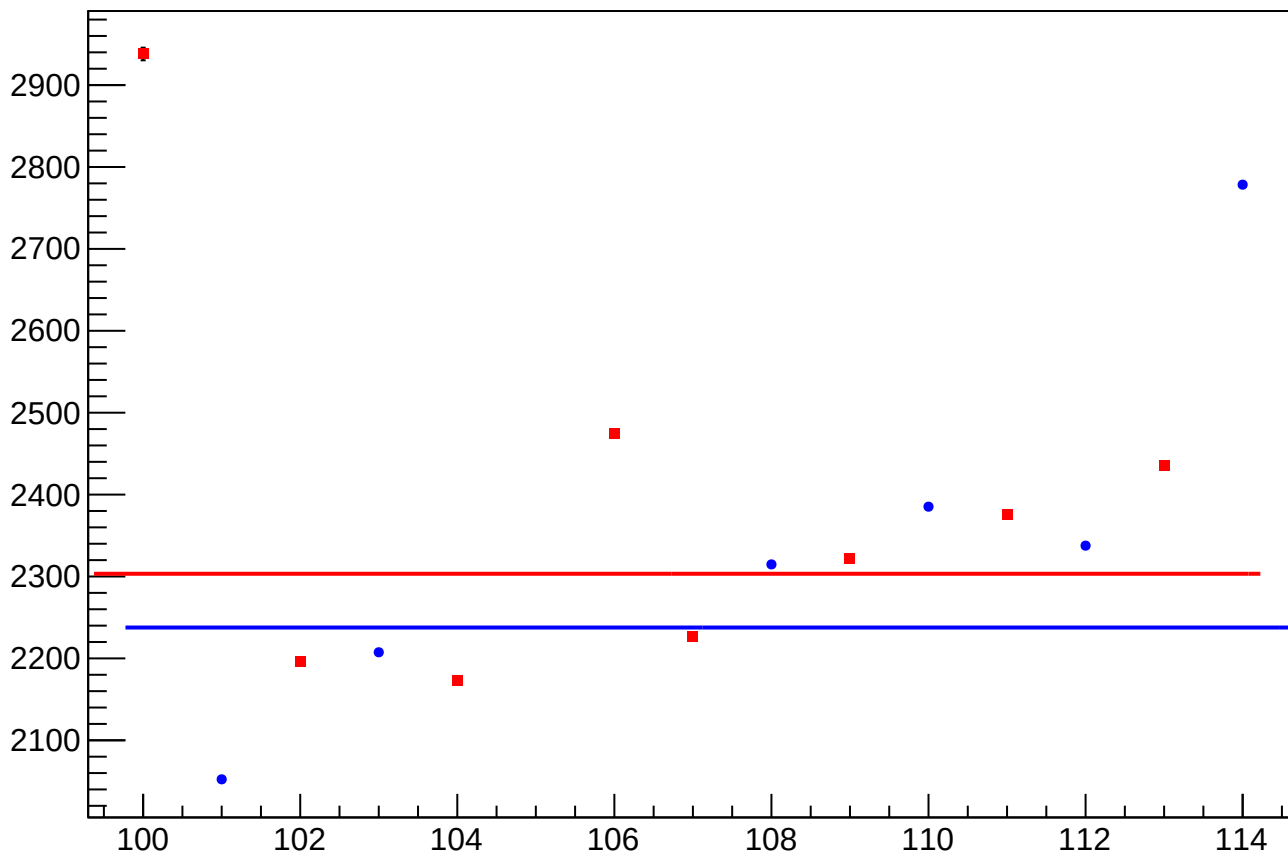
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 828.371 $\pm$ 937.488 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 2237.703+/-0.976 χ^2/NDF : 25209.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2303.333+/-0.904 χ^2/NDF : 20811.8/7

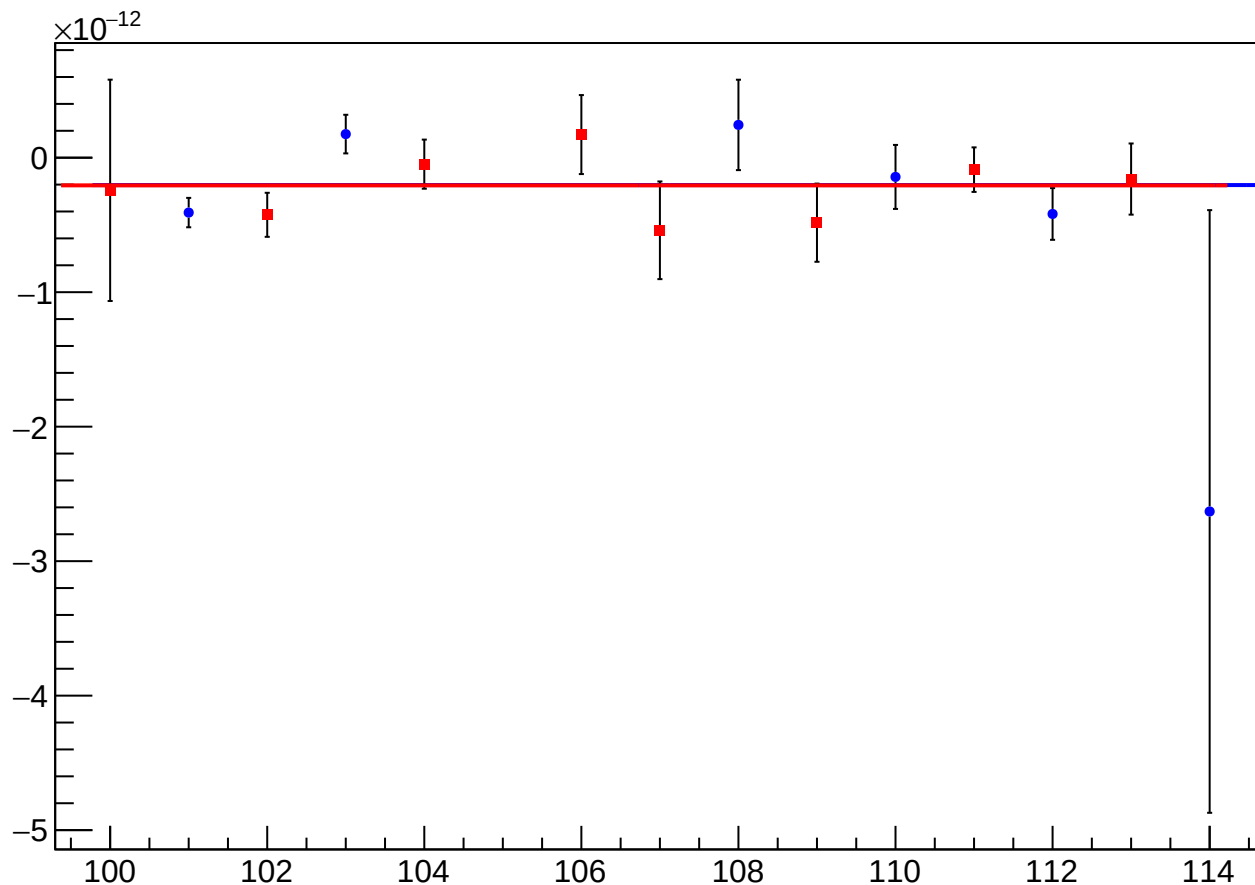
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2273.026+/-0.663 χ^2/NDF : 48457.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 14.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.5/7

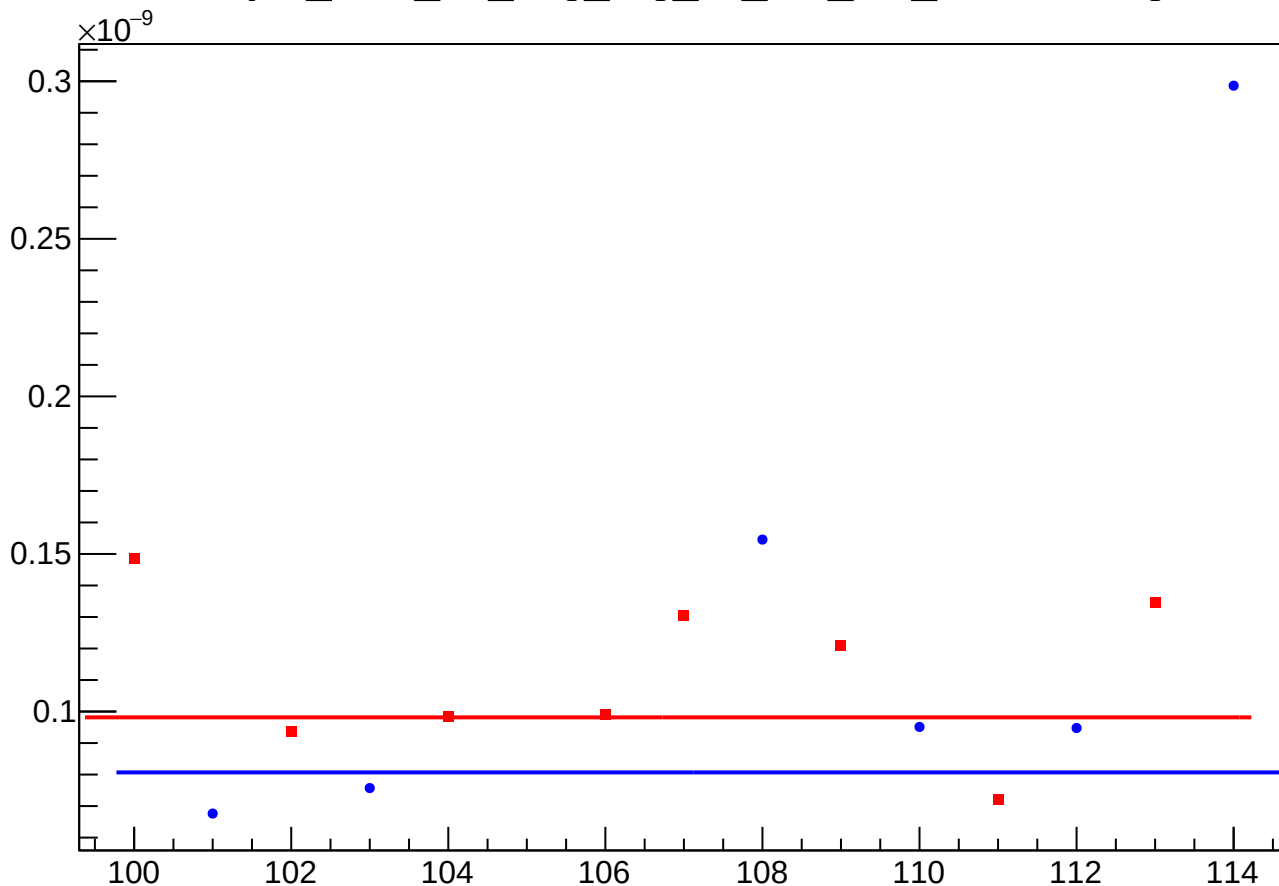
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.2/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 164598.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 124782.2/7

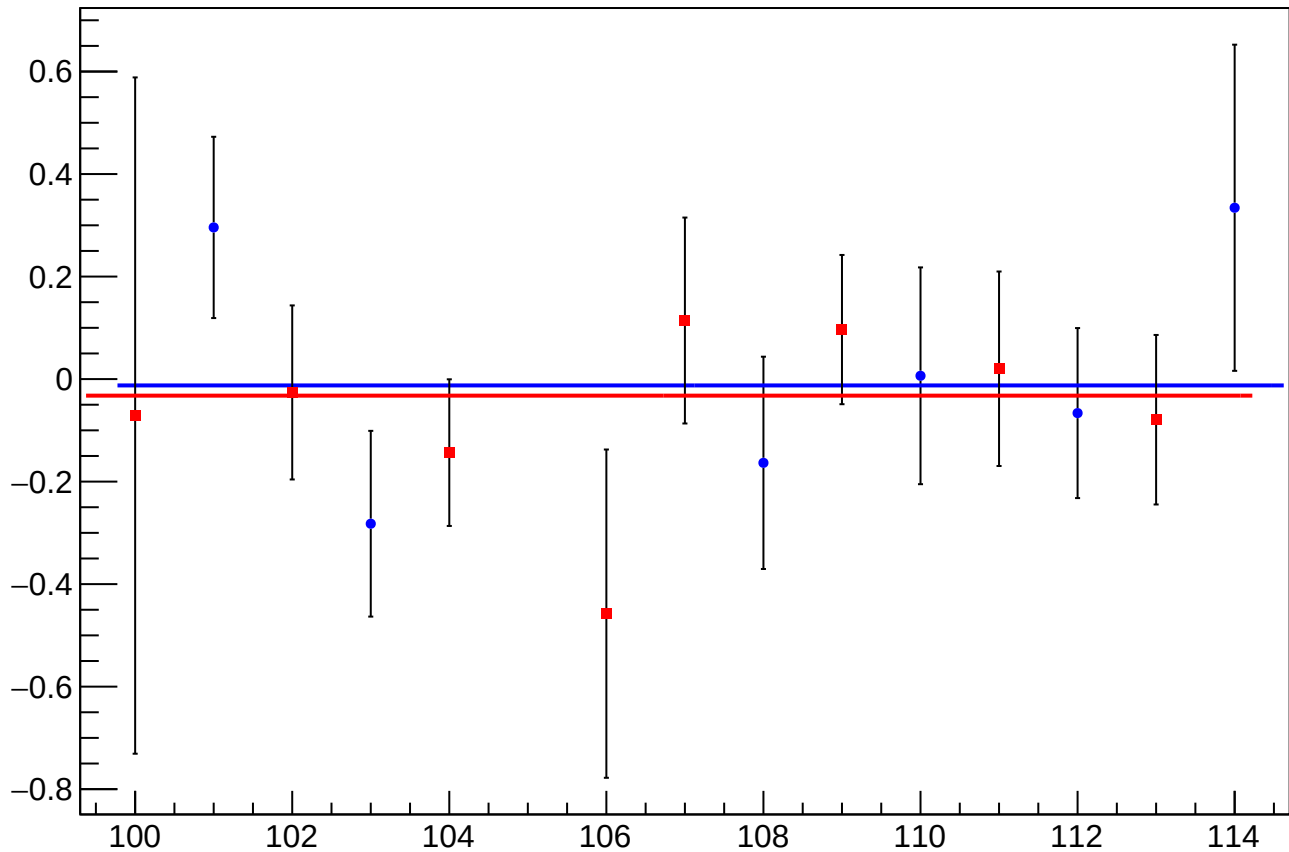
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 340184.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 ± 0.080 $\chi^2/\text{NDF}: 7.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.032 ± 0.066 $\chi^2/\text{NDF}: 3.8/7$

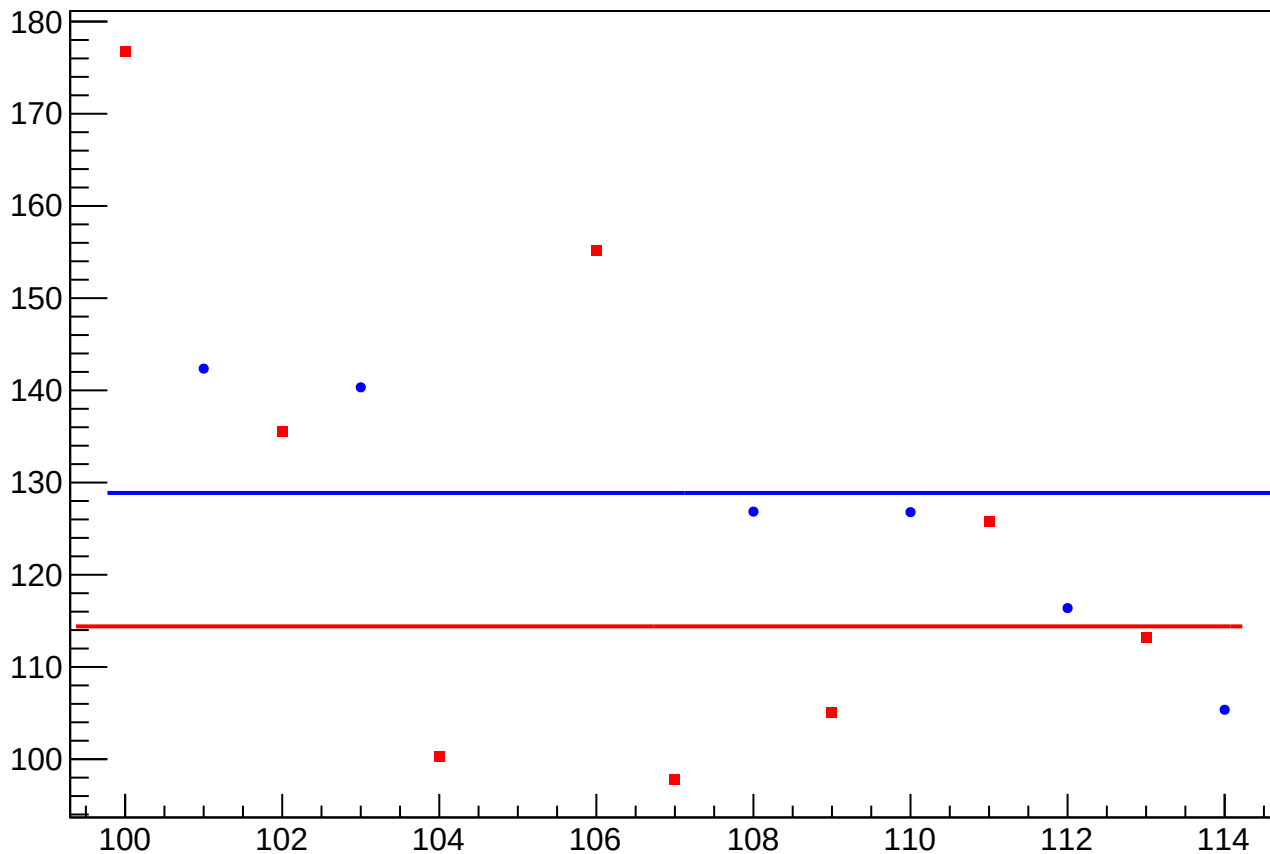
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.024 ± 0.051 $\chi^2/\text{NDF}: 11.0/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 128.874 $\pm$ 0.057 χ^2 /NDF: 42270.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.402 $\pm$ 0.046 χ^2 /NDF: 130039.1/7

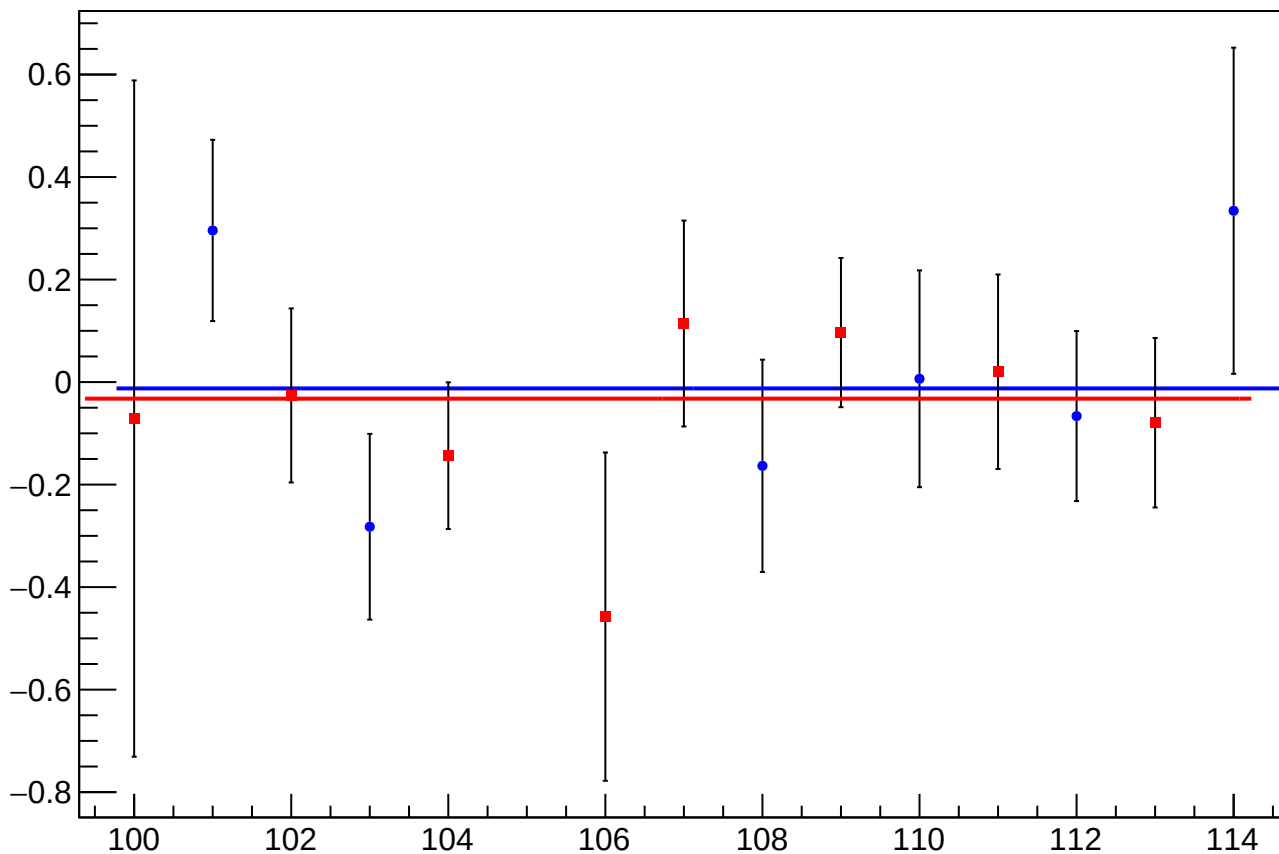
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.185 $\pm$ 0.036 χ^2 /NDF: 211131.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.080 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.066 χ^2 /NDF: 3.8/7

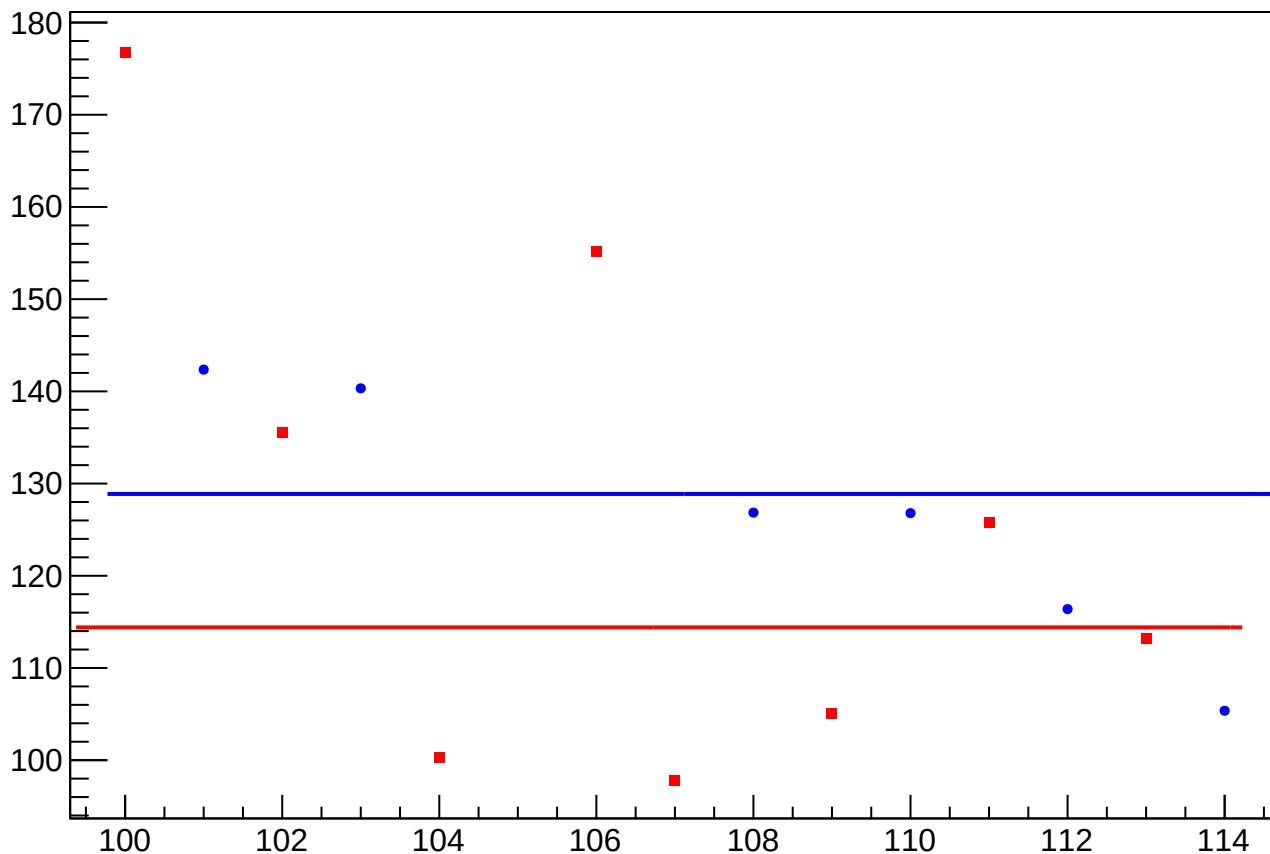
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.051 χ^2 /NDF: 11.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 128.874 $\pm$ 0.057 χ^2 /NDF: 42270.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.402 $\pm$ 0.046 χ^2 /NDF: 130039.1/7

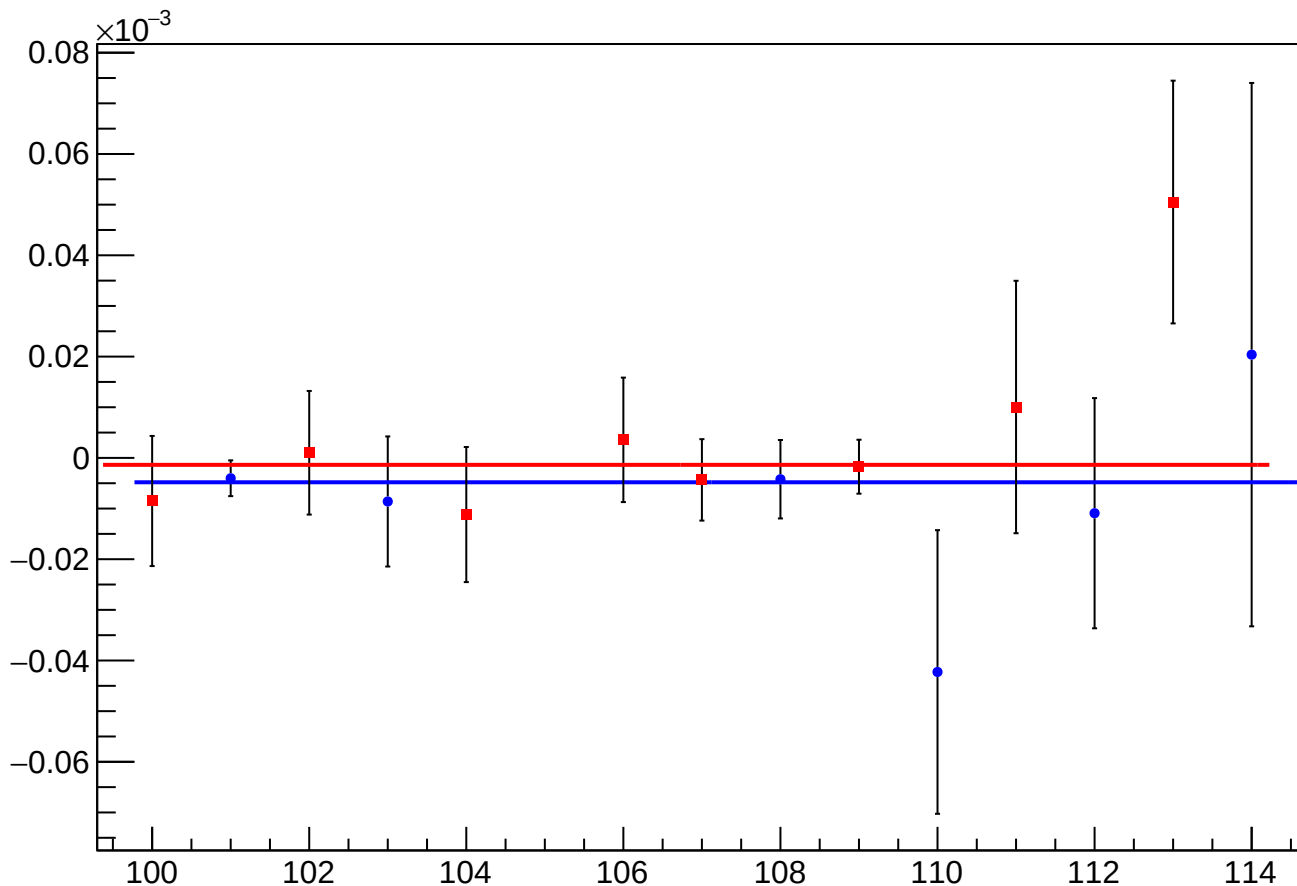
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.185 $\pm$ 0.036 χ^2 /NDF: 211131.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.1/7

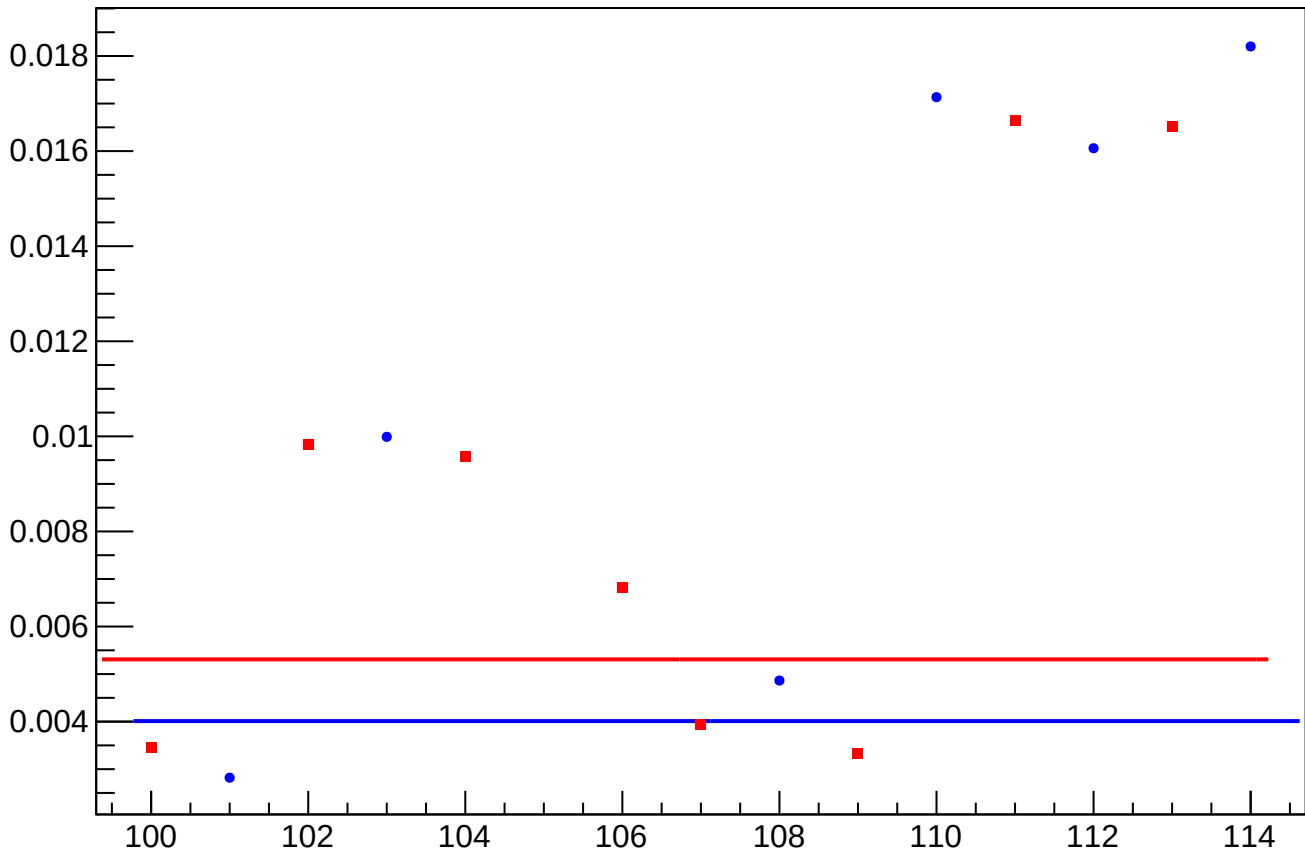
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 1826737.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1735650.6/7

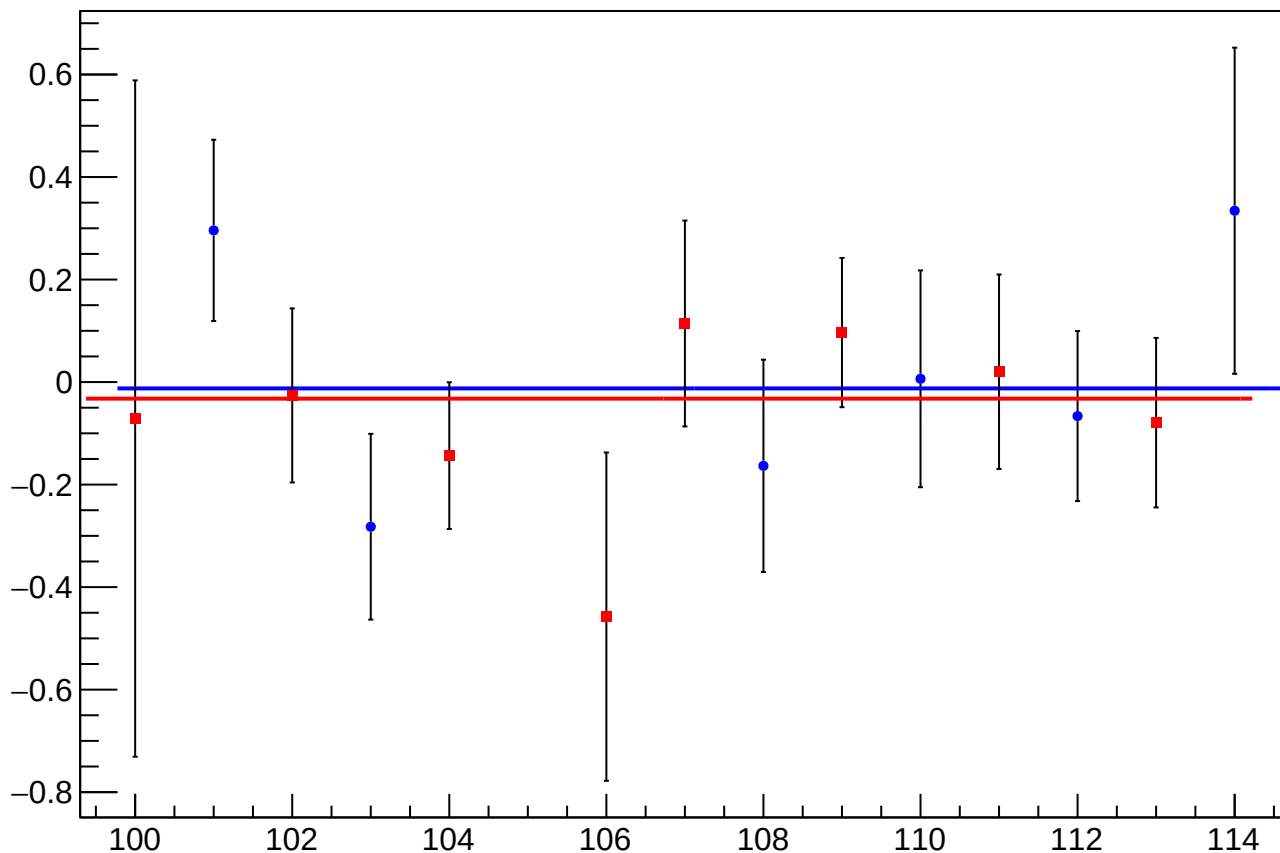
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3715447.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.080 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.066 χ^2 /NDF: 3.8/7

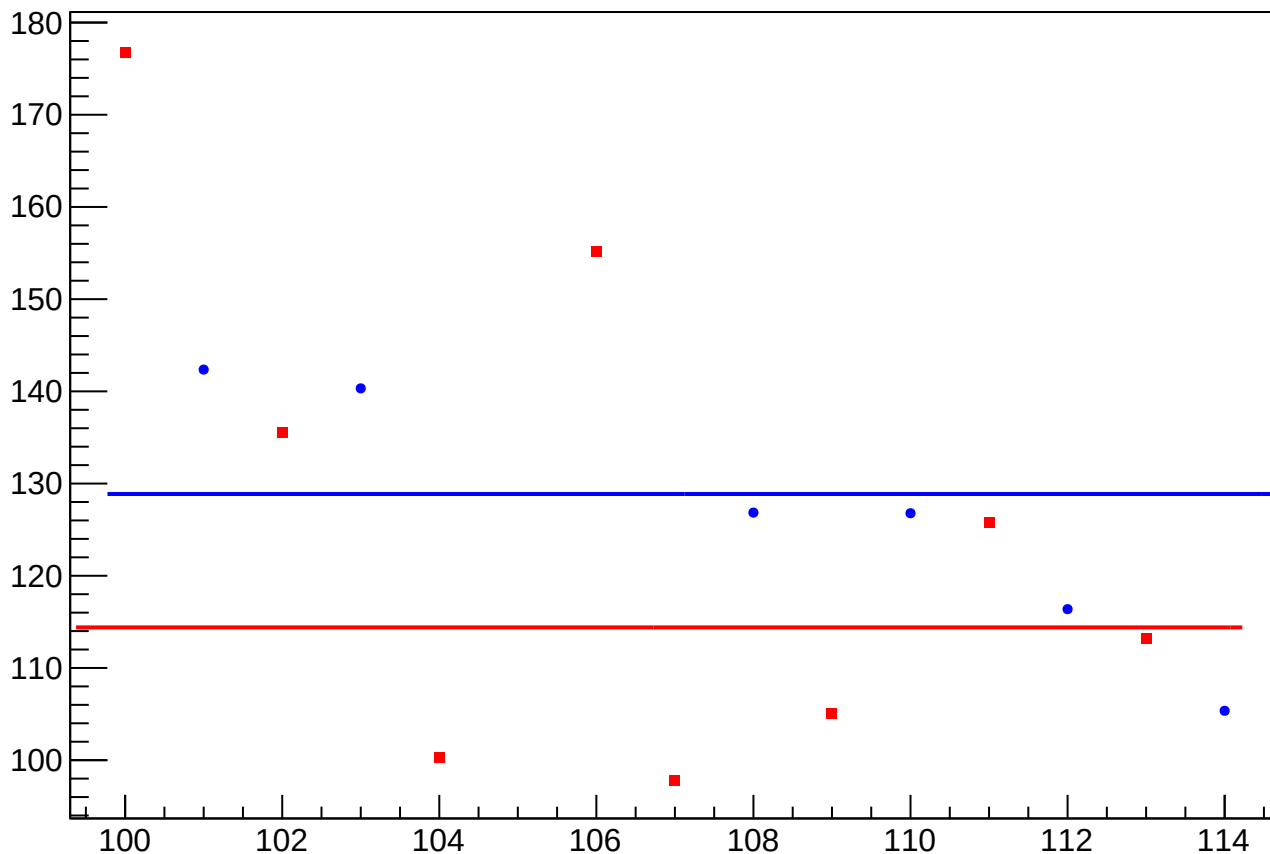
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.051 χ^2 /NDF: 11.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 128.870 $\pm$ 0.057 χ^2 /NDF: 42284.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.399 $\pm$ 0.046 χ^2 /NDF: 130029.0/7

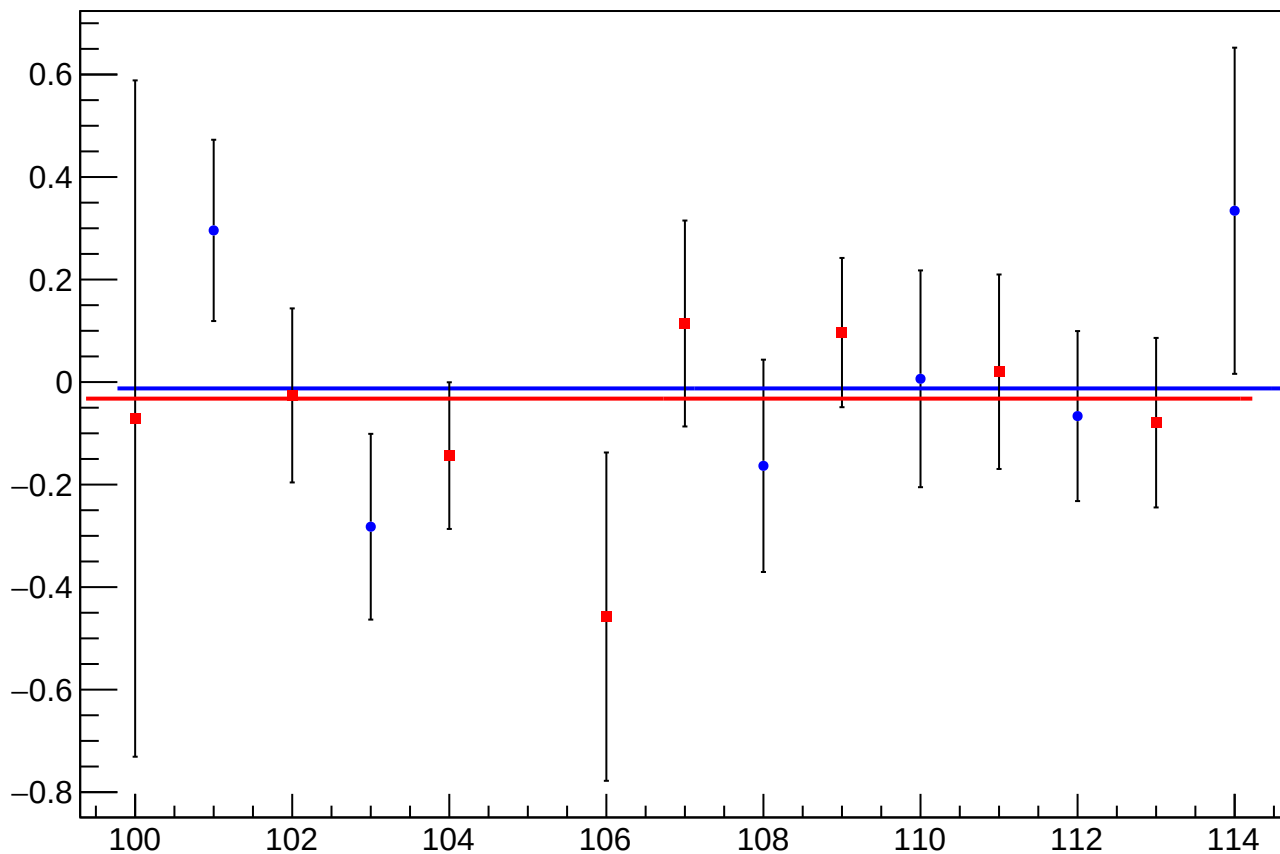
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.182 $\pm$ 0.036 χ^2 /NDF: 211131.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.080 χ^2 /NDF: 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.032 $\pm$ 0.066 χ^2 /NDF: 3.8/7

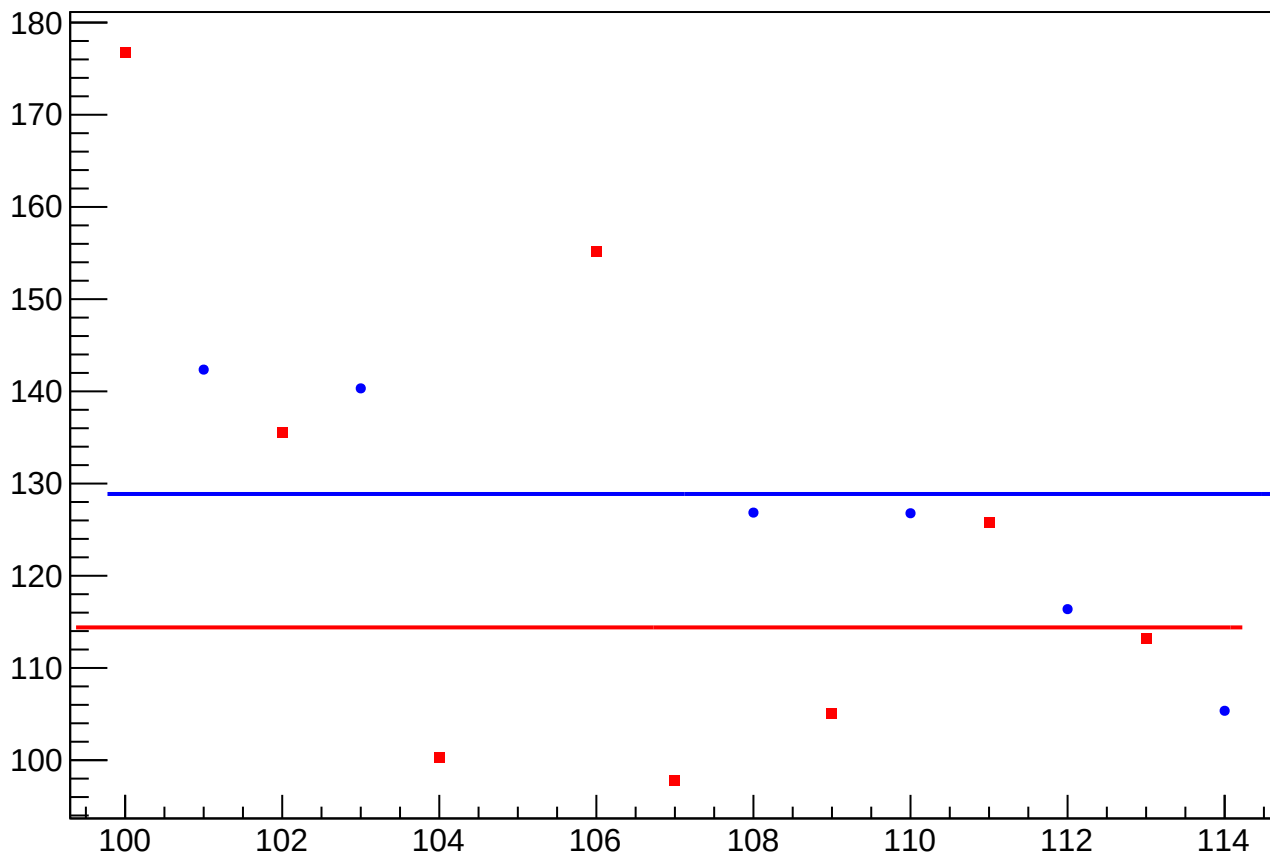
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.051 χ^2 /NDF: 11.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 128.870 $\pm$ 0.057 χ^2 /NDF: 42284.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.399 $\pm$ 0.046 χ^2 /NDF: 130029.0/7

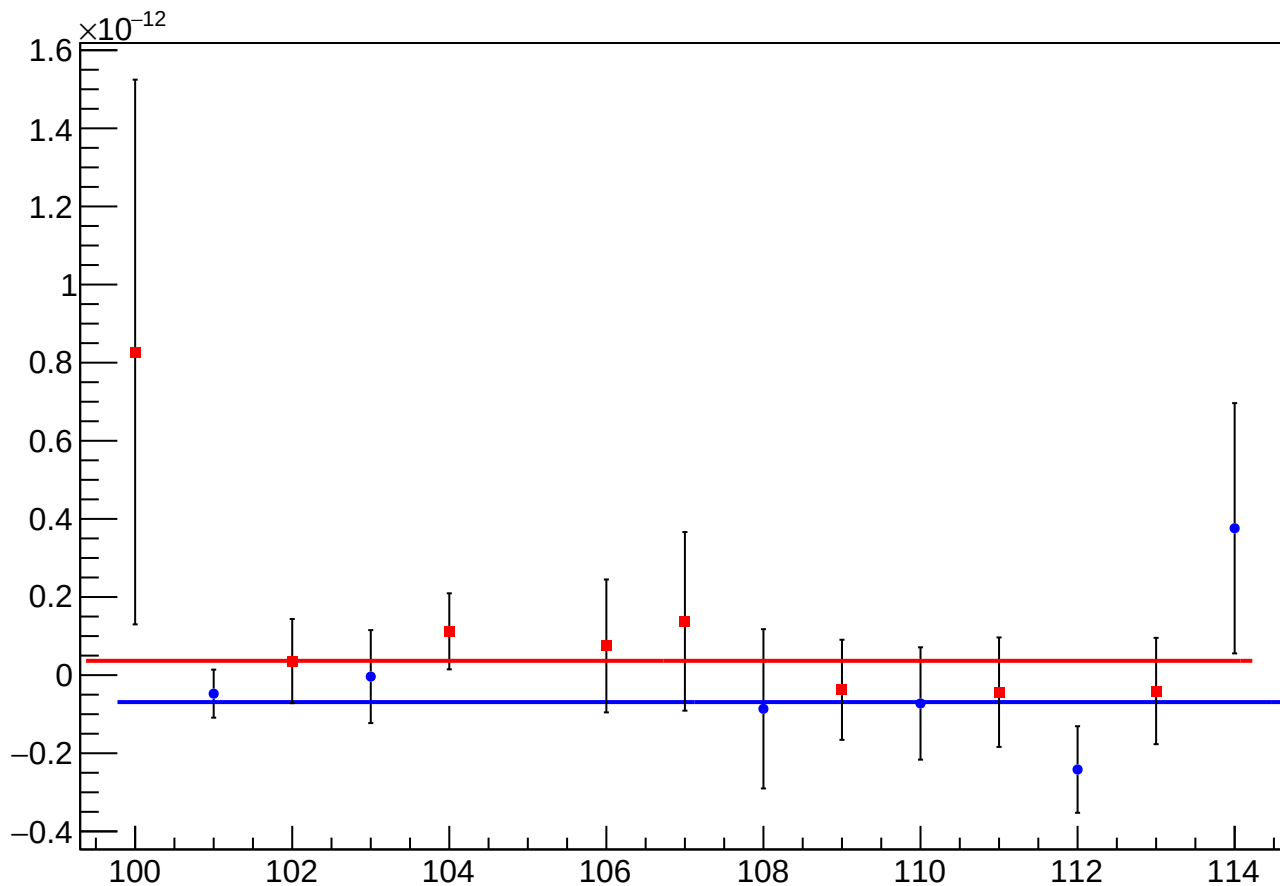
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.182 $\pm$ 0.036 χ^2 /NDF: 211131.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/7

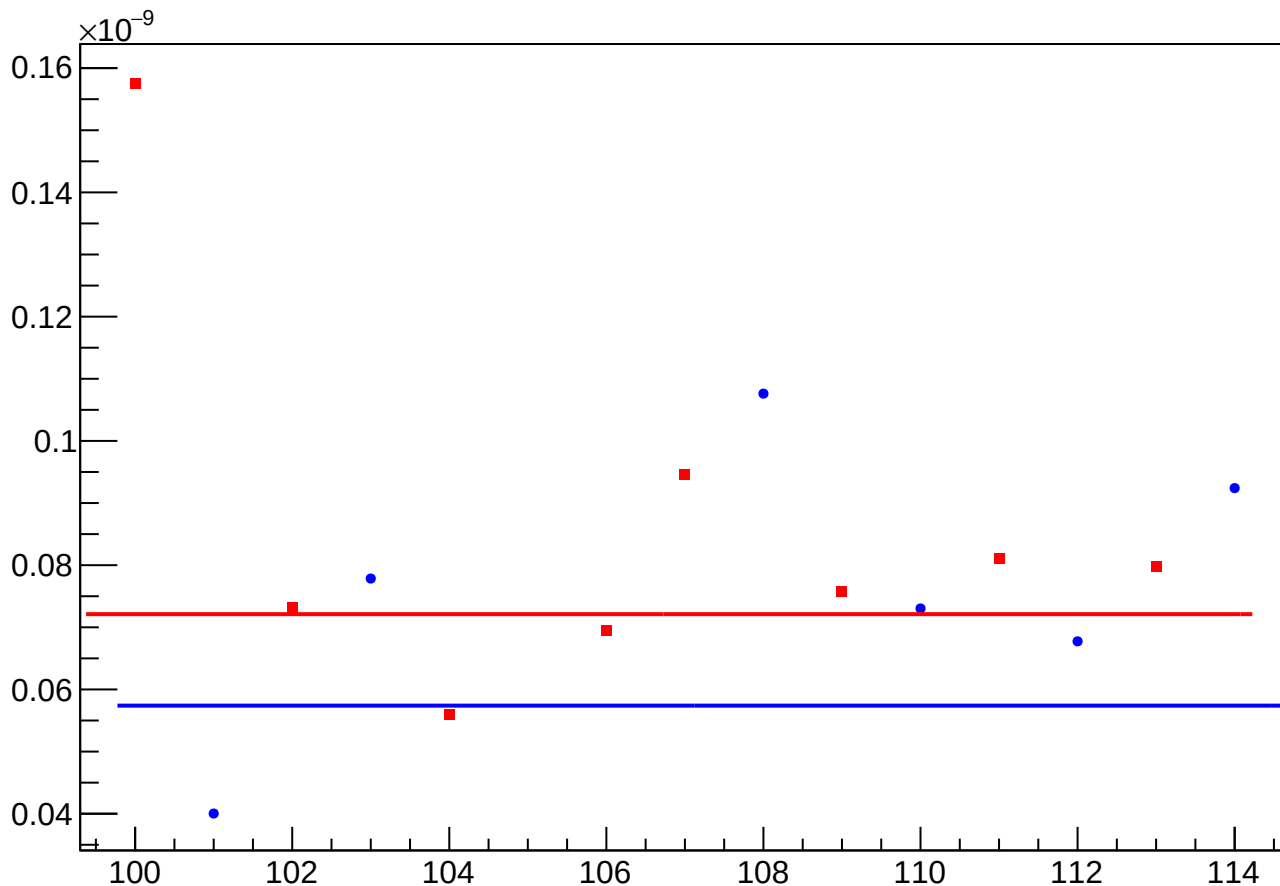
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 404815.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 121261.9/7

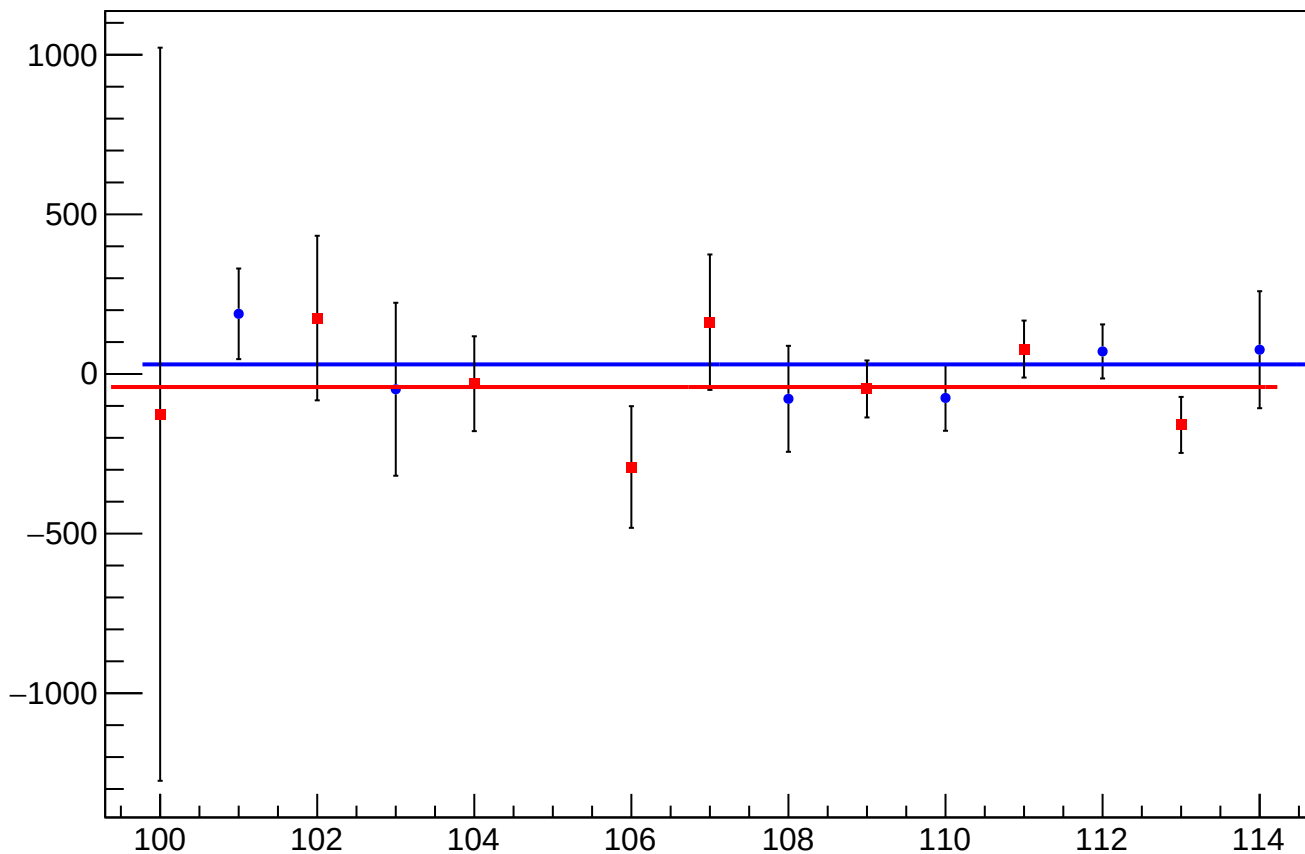
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 624005.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: 30.079+/-52.475 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.793+/-45.087 χ^2/NDF : 7.0/7

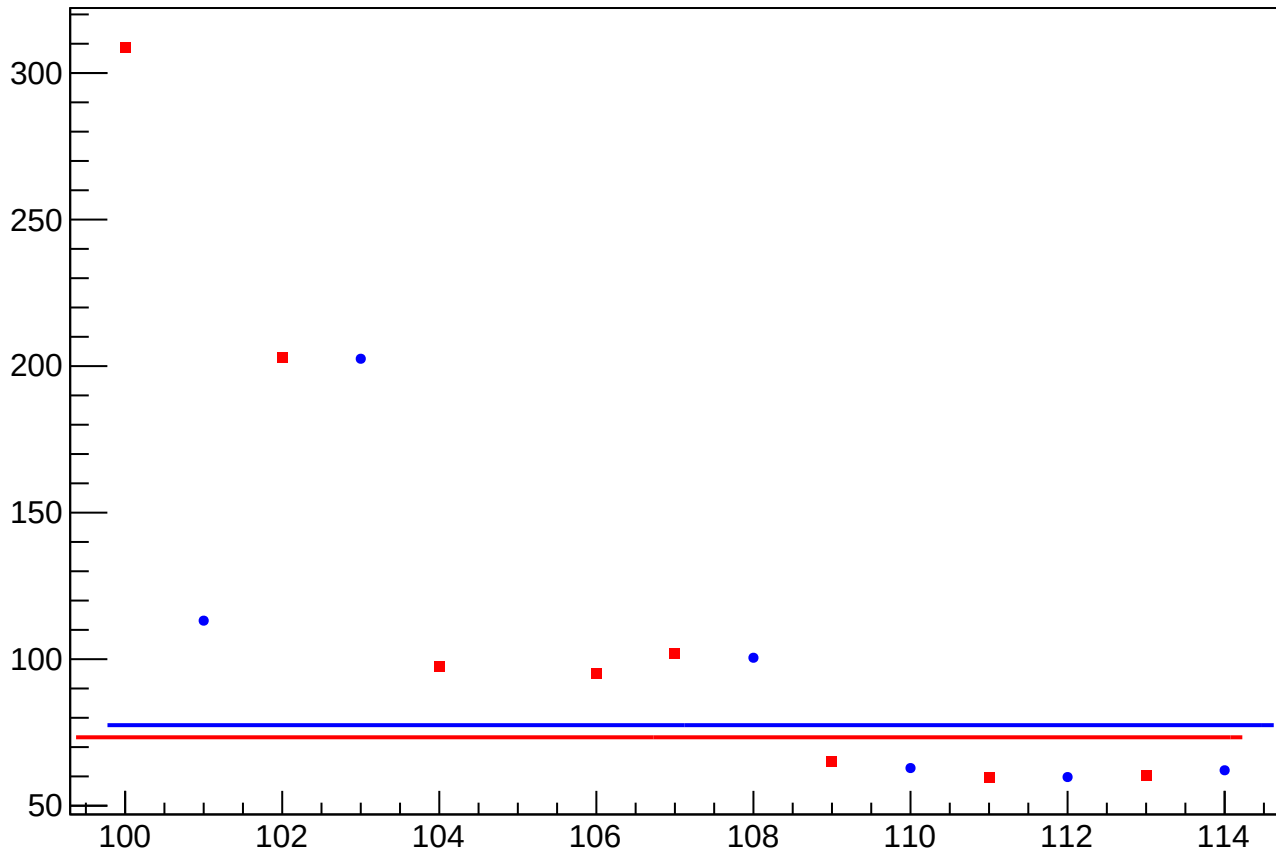
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.694+/-34.198 χ^2/NDF : 11.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 77.486 $\pm$ 0.037 χ^2 /NDF: 732504.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.348 $\pm$ 0.032 χ^2 /NDF: 811215.9/7

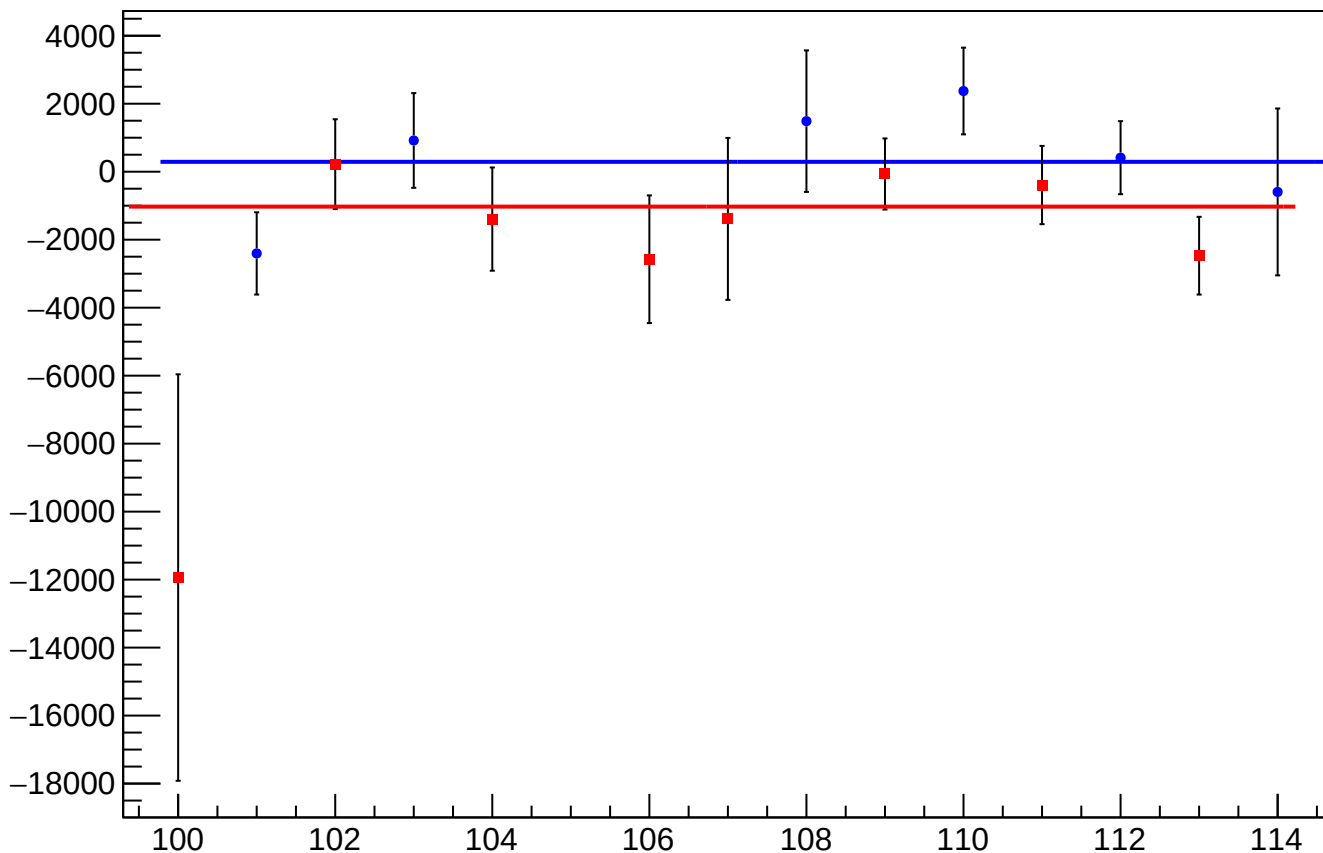
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.105 $\pm$ 0.024 χ^2 /NDF: 1550873.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



Right In: 290.549 $\pm$ 570.150 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1026.762 $\pm$ 504.589 χ^2 /NDF: 7.7/7

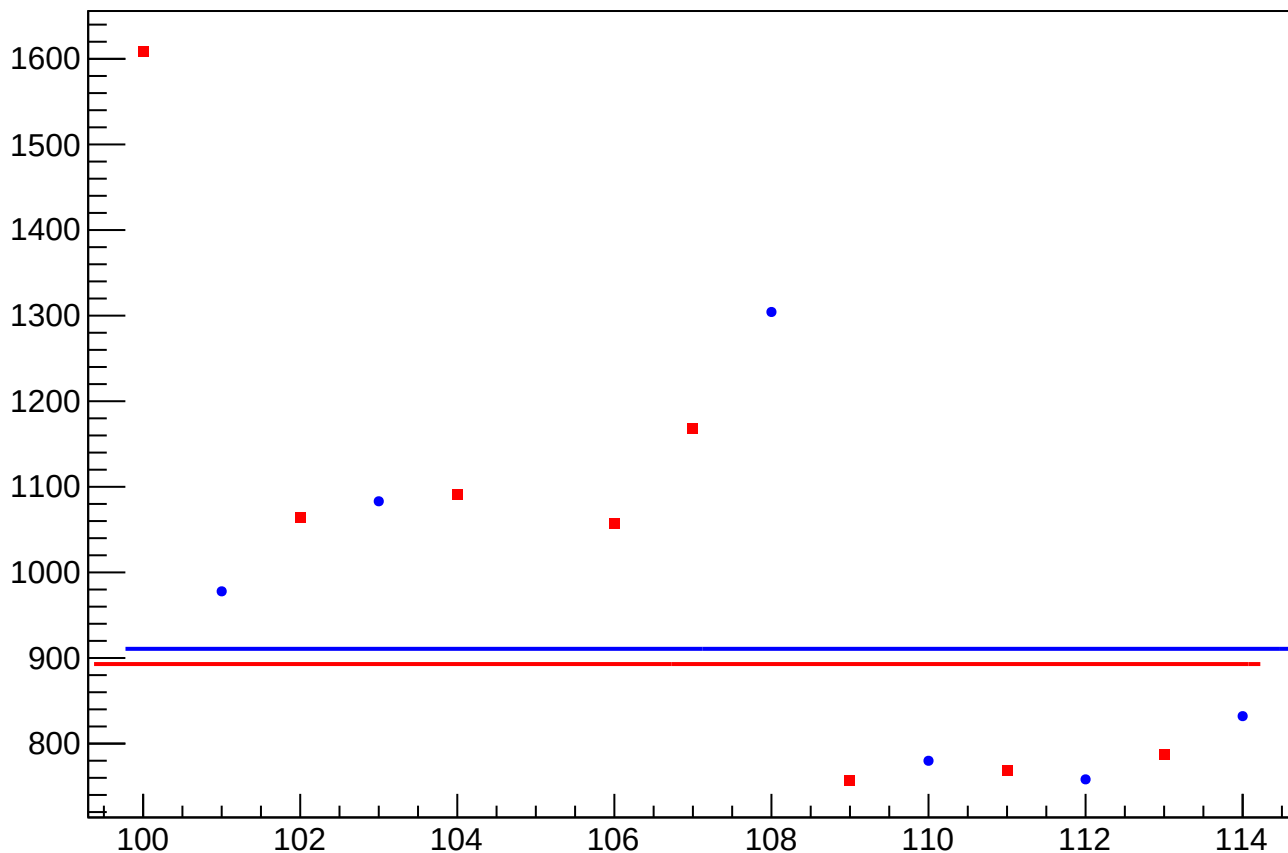
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -448.167 $\pm$ 377.861 χ^2 /NDF: 19.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



Right In: 910.713+/-0.403 χ^2/NDF : 171694.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 892.933+/-0.357 χ^2/NDF : 212465.6/7

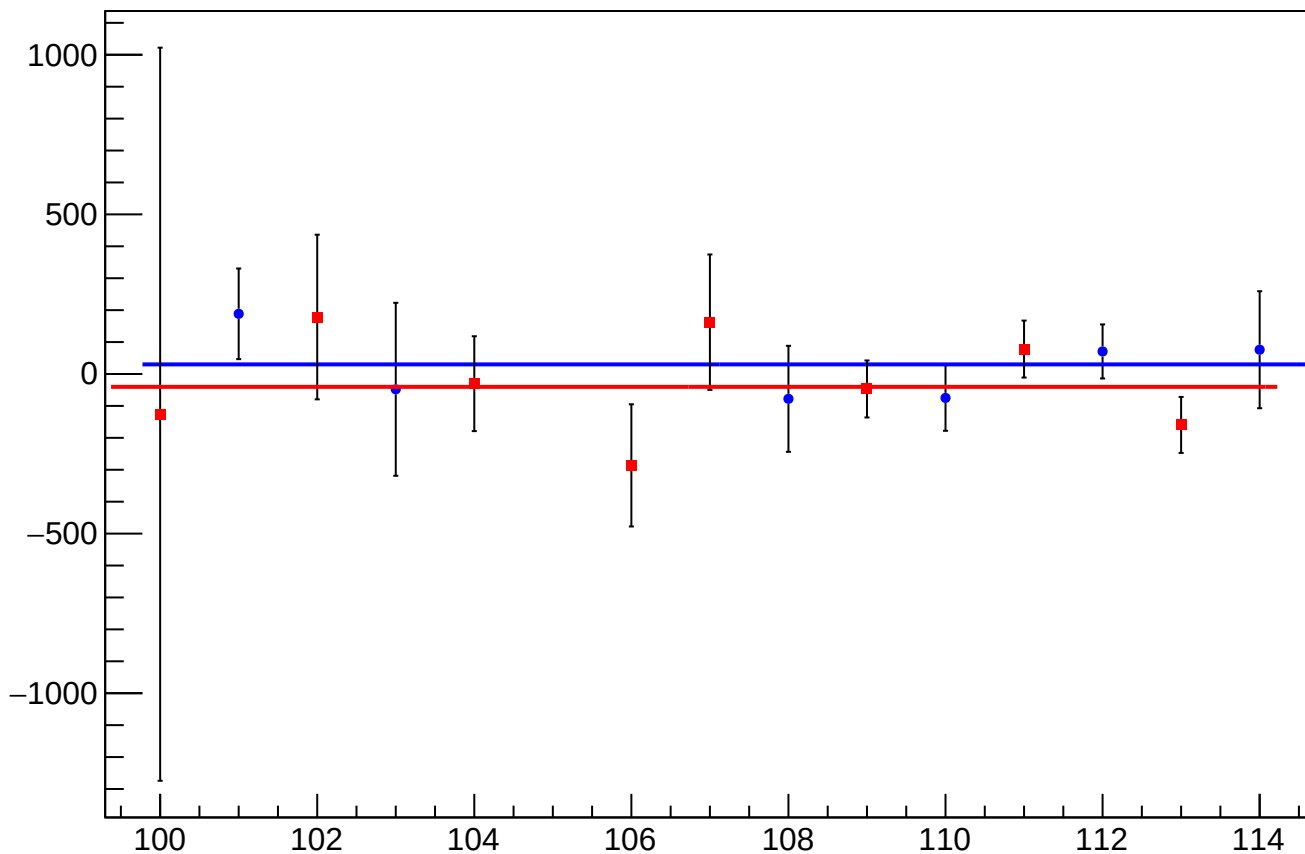
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.743+/-0.267 χ^2/NDF : 385250.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: 30.061 $\pm$ 52.475 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.291 $\pm$ 45.098 χ^2 /NDF: 6.9/7

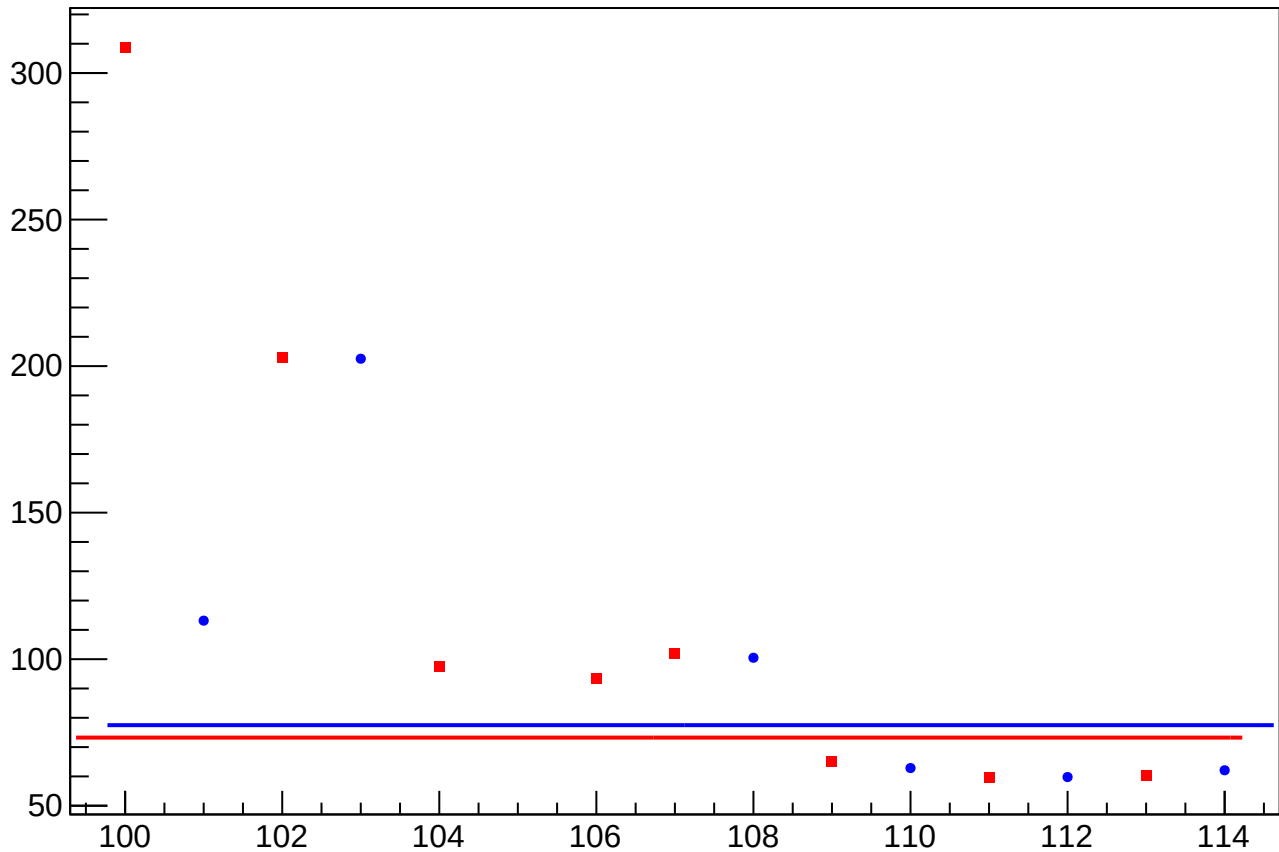
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.404 $\pm$ 34.203 χ^2 /NDF: 11.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 77.486 $\pm$ 0.037 χ^2 /NDF: 732507.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.243 $\pm$ 0.032 χ^2 /NDF: 807327.5/7

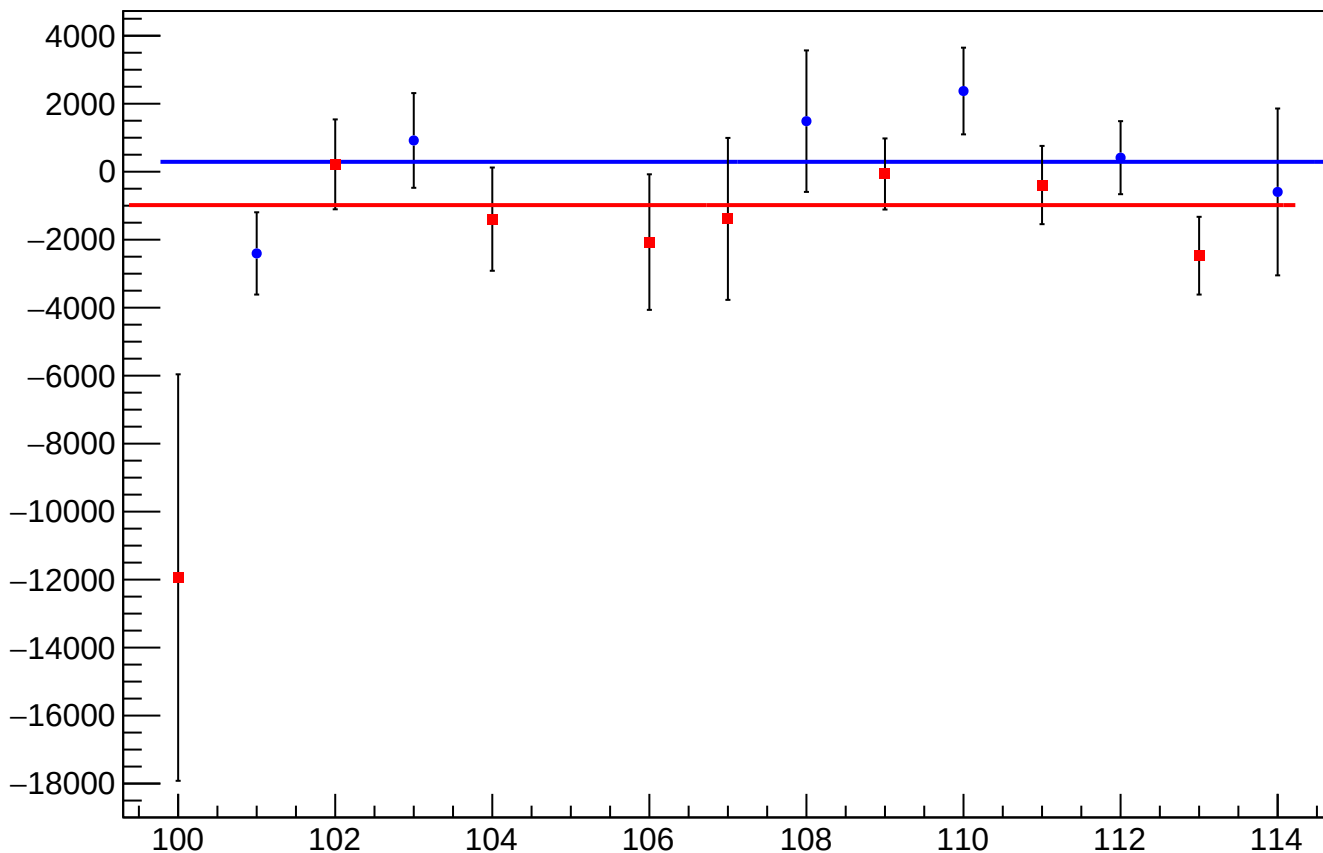
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.045 $\pm$ 0.024 χ^2 /NDF: 1547354.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: 290.599+/-570.160 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -982.682+/-506.721 χ^2/NDF : 7.3/7

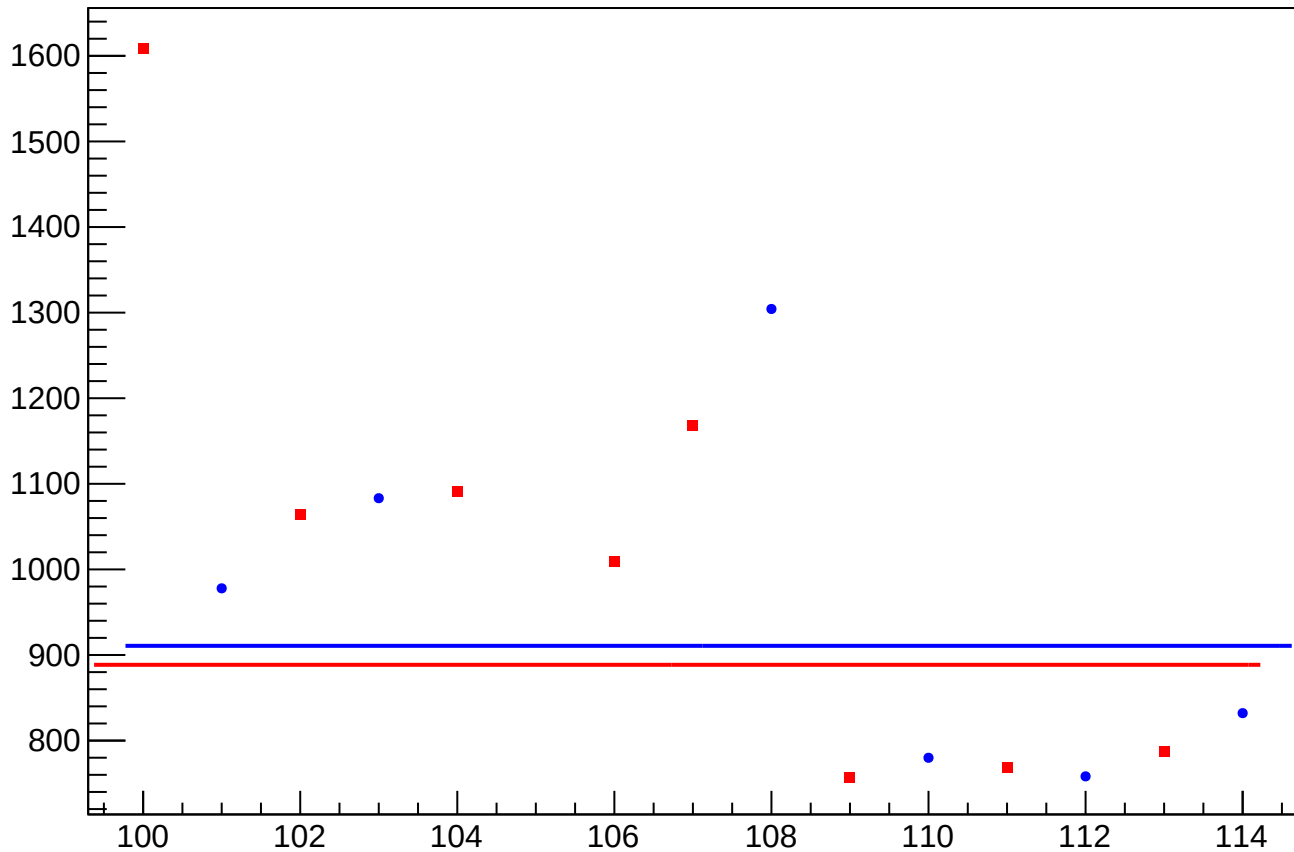
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.791+/-378.757 χ^2/NDF : 18.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 910.726+/-0.403 χ^2/NDF : 171727.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.544+/-0.358 χ^2/NDF : 204034.9/7

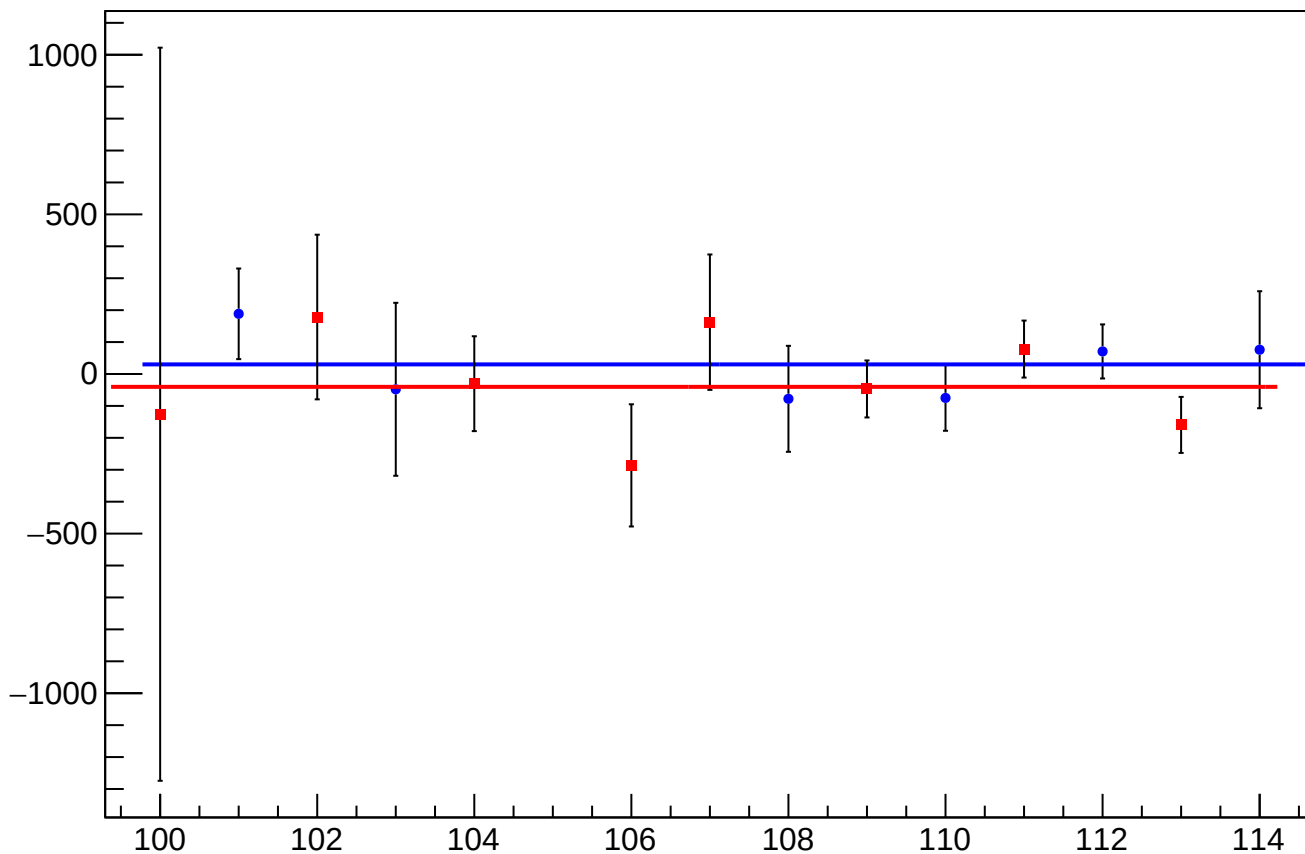
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.332+/-0.268 χ^2/NDF : 377453.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: 30.061+/-52.475 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.291+/-45.098 χ^2/NDF : 6.9/7

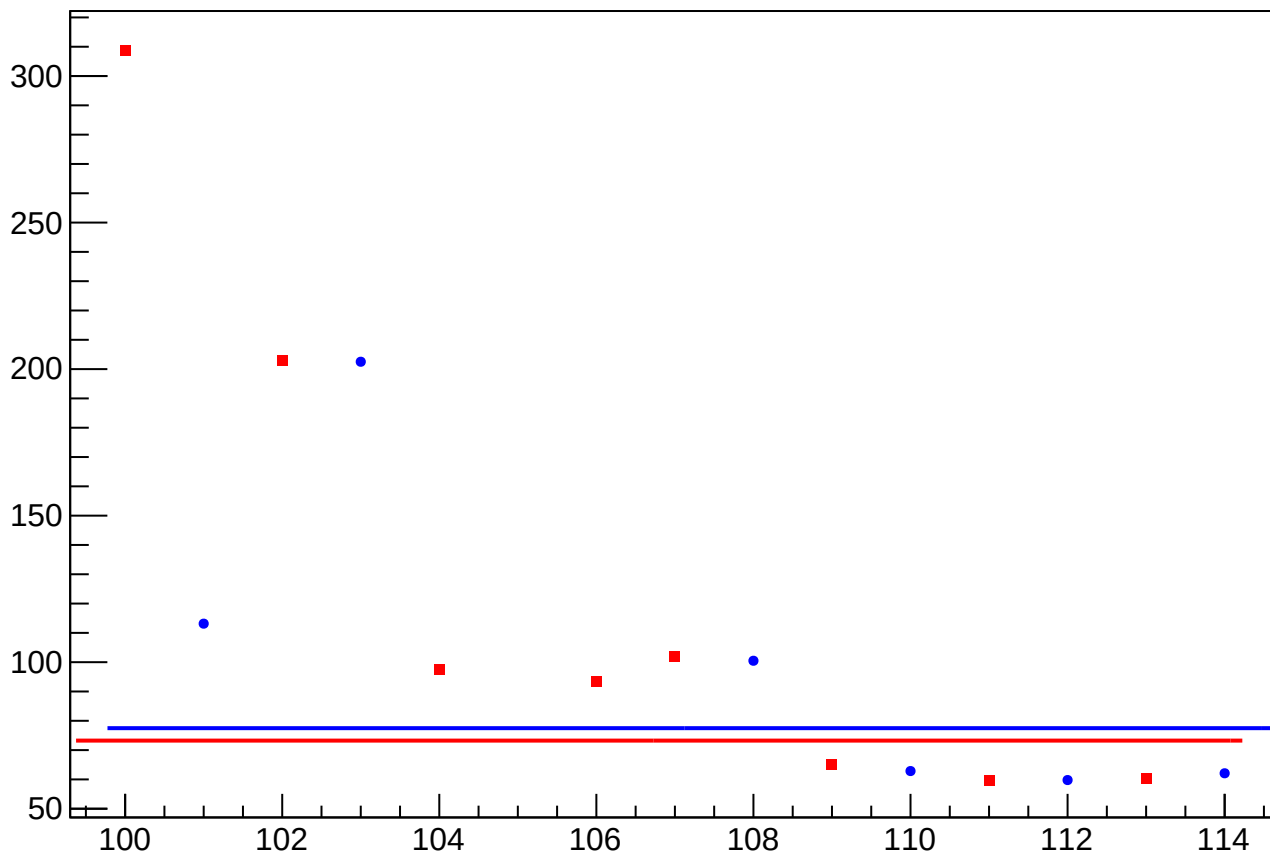
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.404+/-34.203 χ^2/NDF : 11.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 77.486+/-0.037 χ^2/NDF : 732507.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.243+/-0.032 χ^2/NDF : 807327.5/7

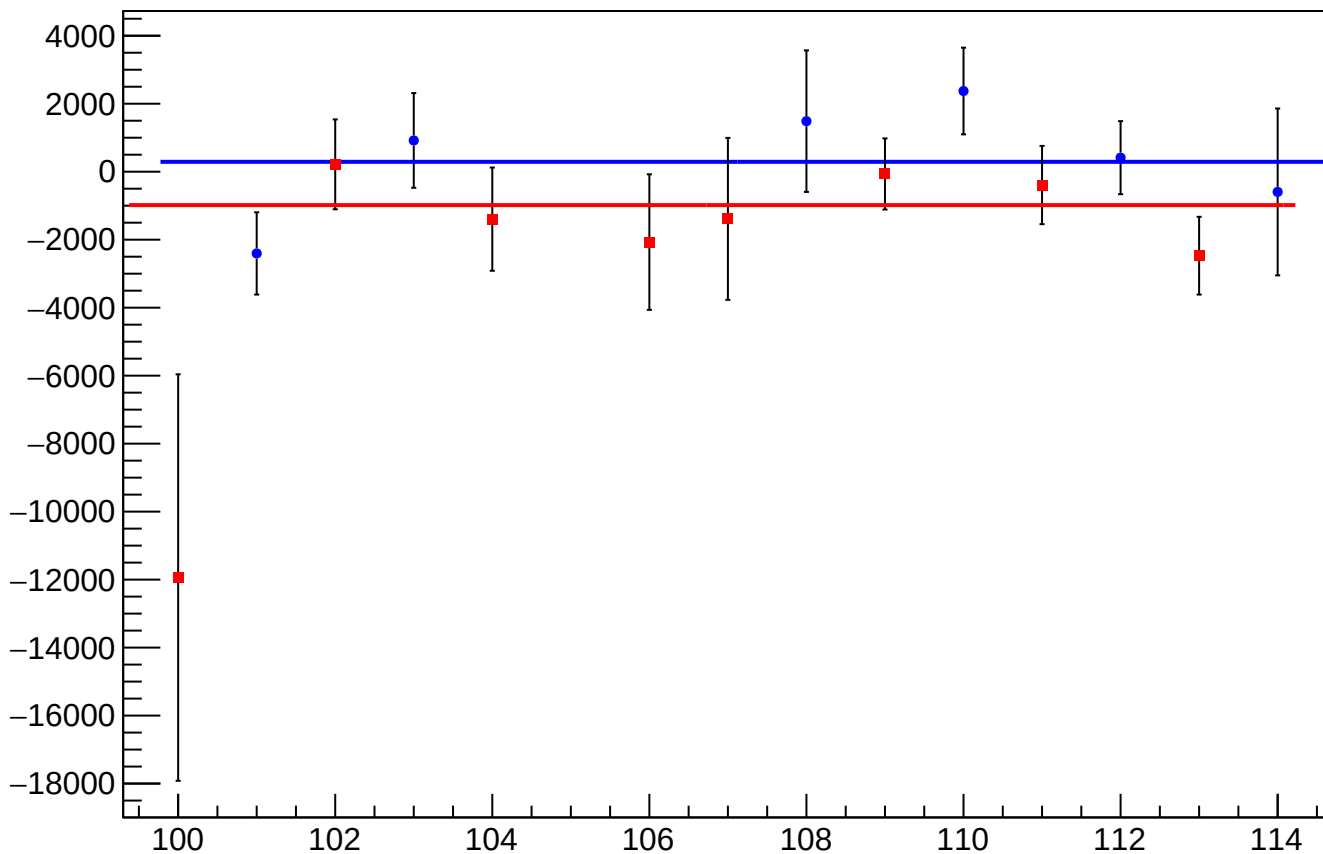
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.045+/-0.024 χ^2/NDF : 1547354.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: 290.599+/-570.160 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -982.682+/-506.721 χ^2/NDF : 7.3/7

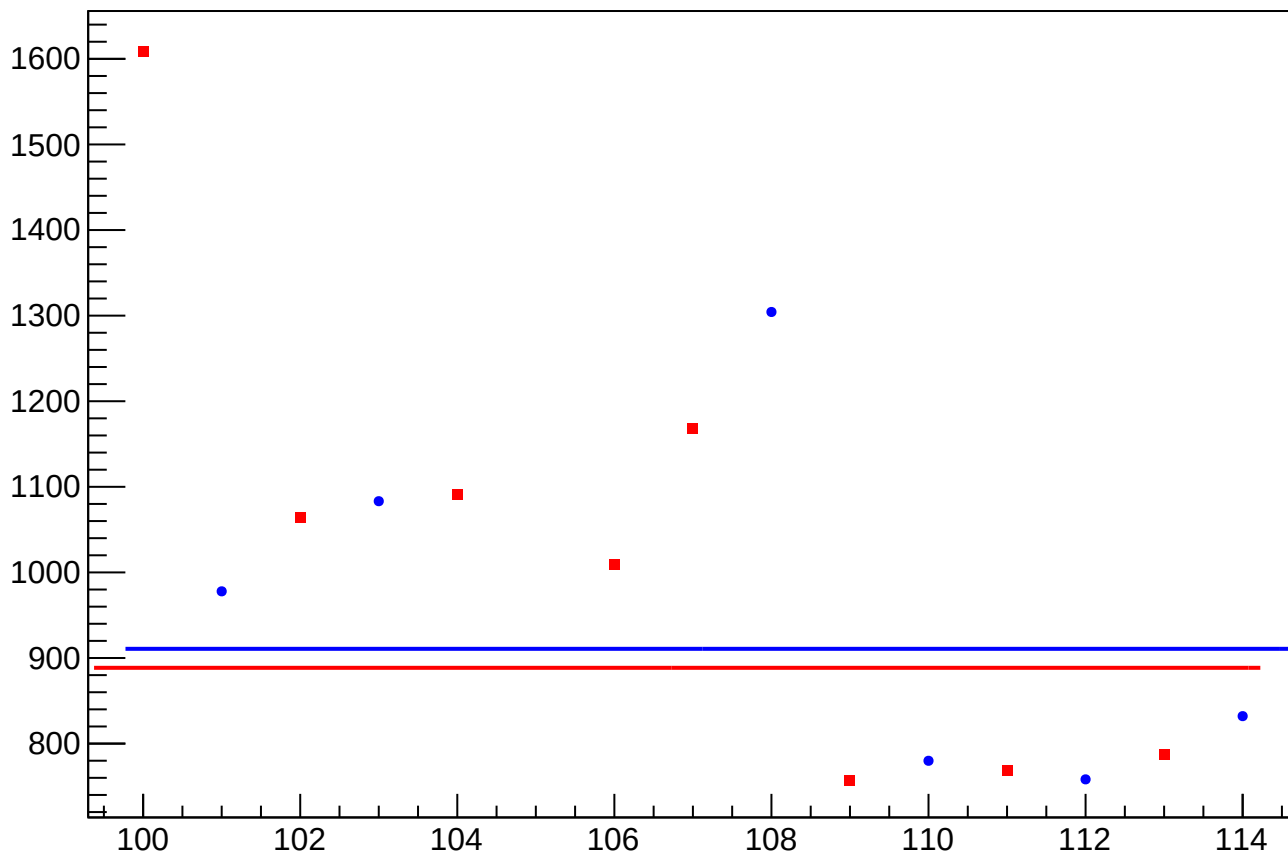
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.791+/-378.757 χ^2/NDF : 18.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 910.726+/-0.403 χ^2/NDF : 171727.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.544+/-0.358 χ^2/NDF : 204034.9/7

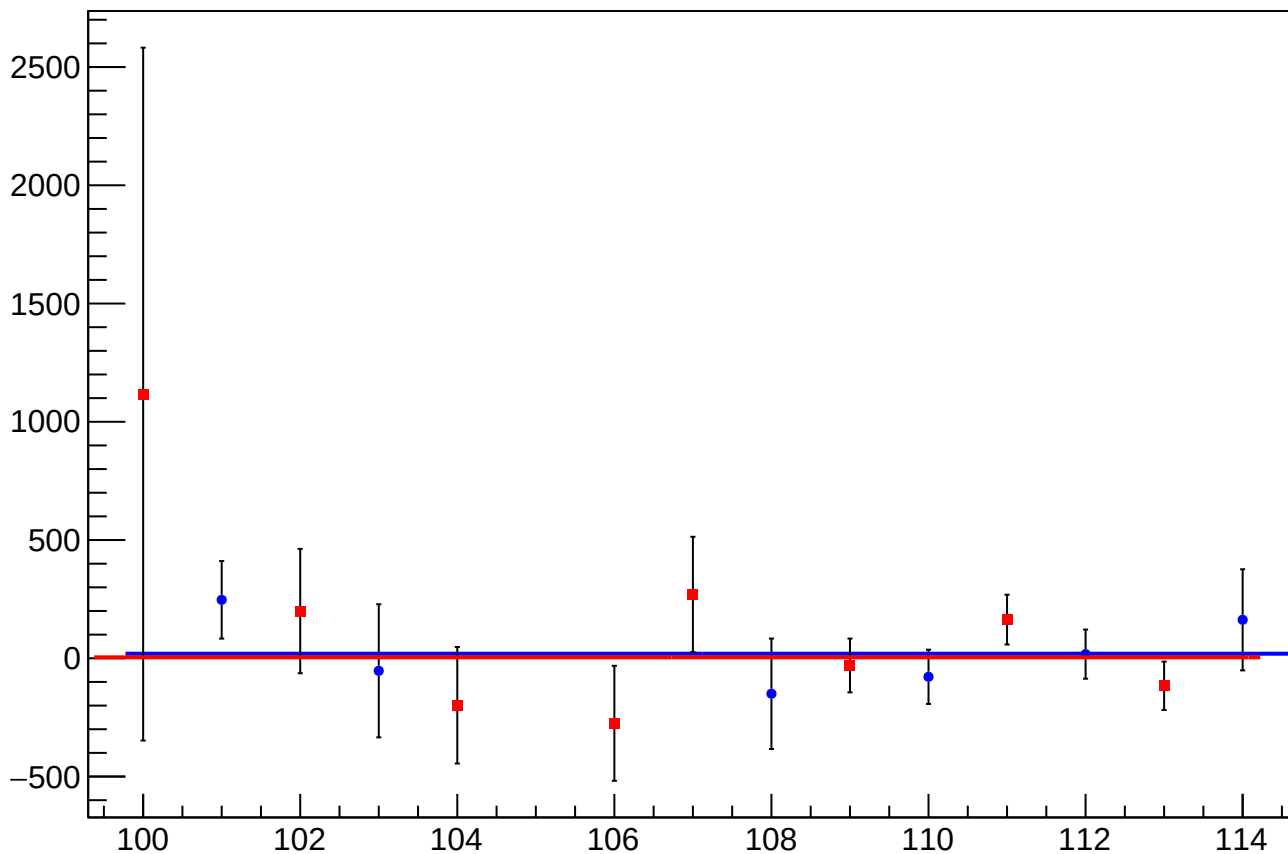
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.332+/-0.268 χ^2/NDF : 377453.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: 19.364 $\pm$ 62.183 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.981 $\pm$ 55.213 χ^2 /NDF: 8.1/7

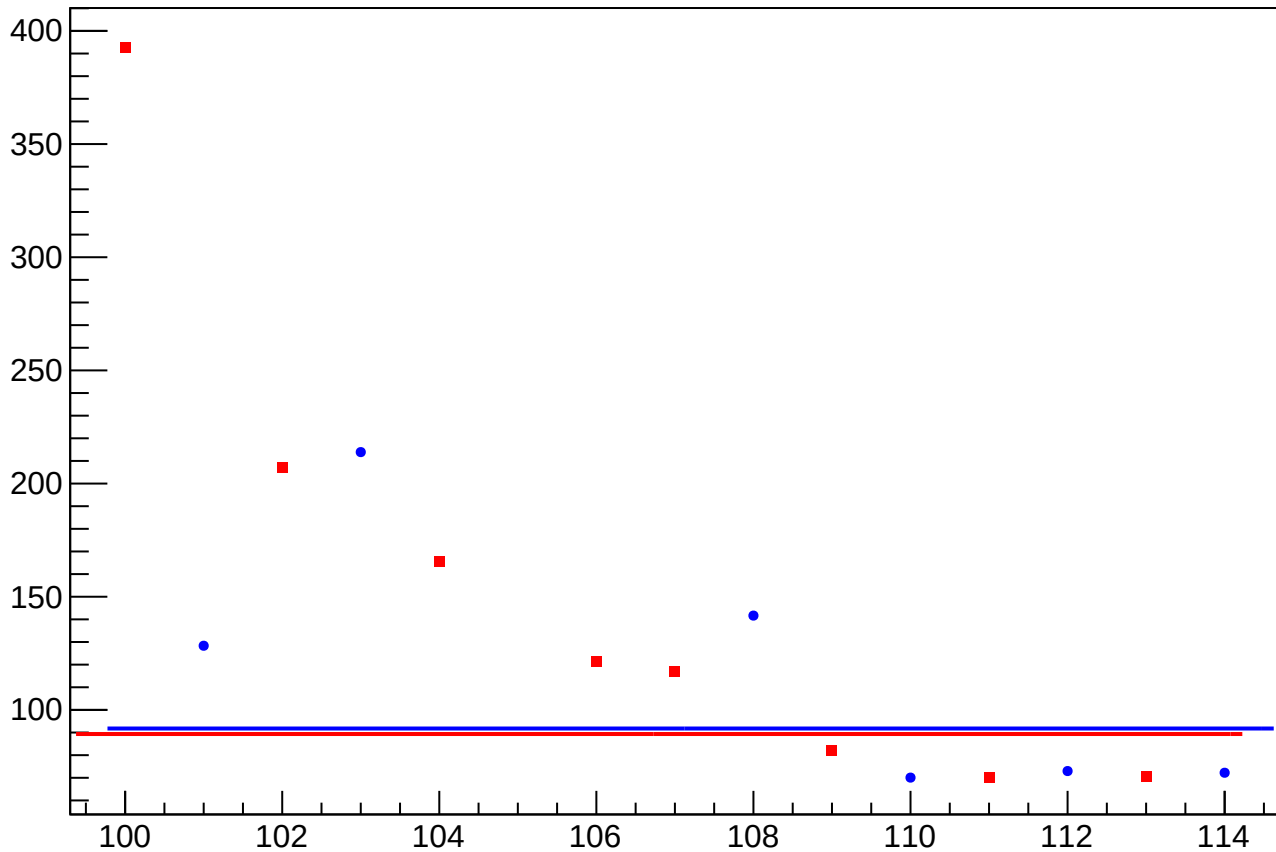
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.763 $\pm$ 41.286 χ^2 /NDF: 11.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 91.777 $\pm$ 0.044 χ^2 /NDF: 721026.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.344 $\pm$ 0.039 χ^2 /NDF: 881839.7/7

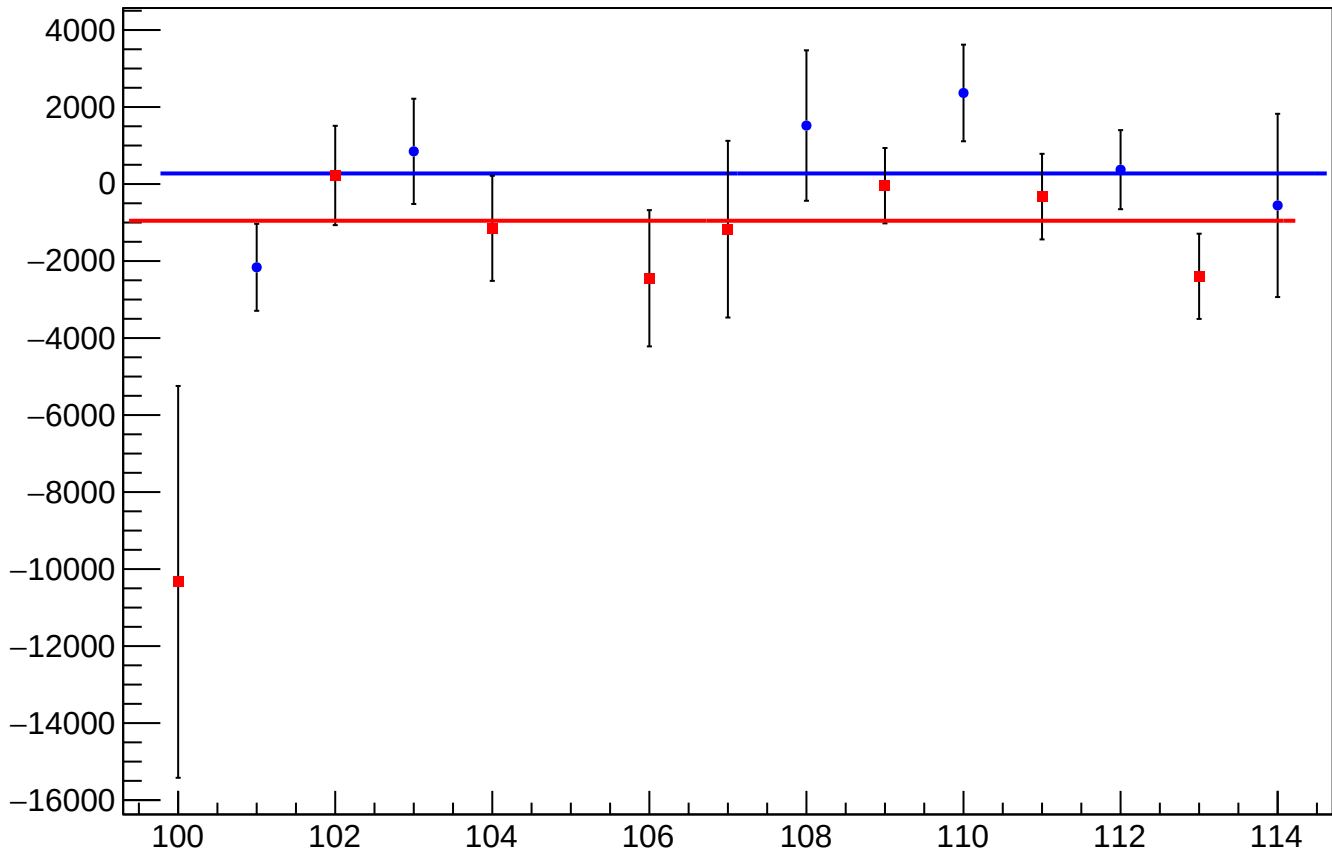
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.416 $\pm$ 0.029 χ^2 /NDF: 1604578.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: 274.811+/-547.098 χ^2/NDF : 8.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -953.449+/-479.114 χ^2/NDF : 7.9/7

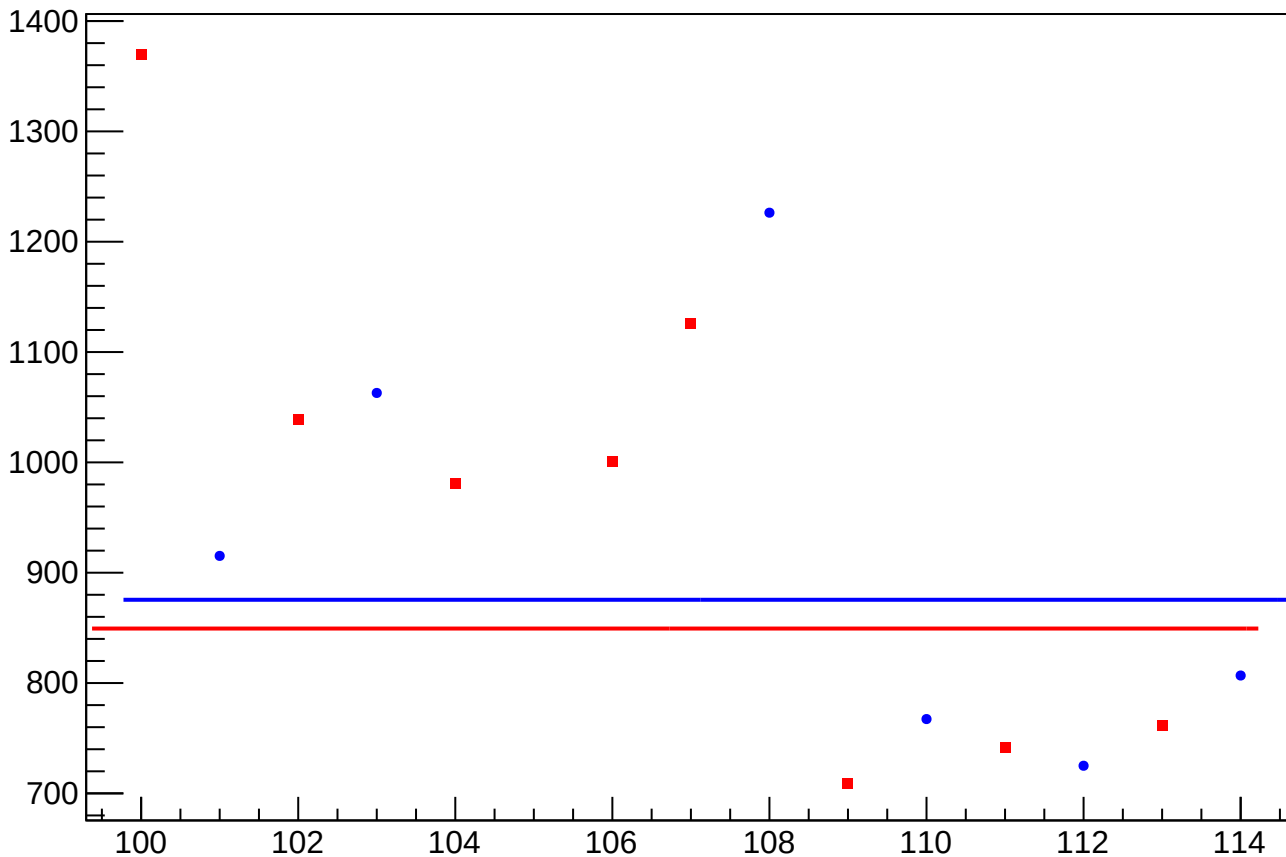
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.333+/-360.438 χ^2/NDF : 18.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 875.470+/-0.387 χ^2/NDF : 164056.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 849.395+/-0.339 χ^2/NDF : 198188.4/7

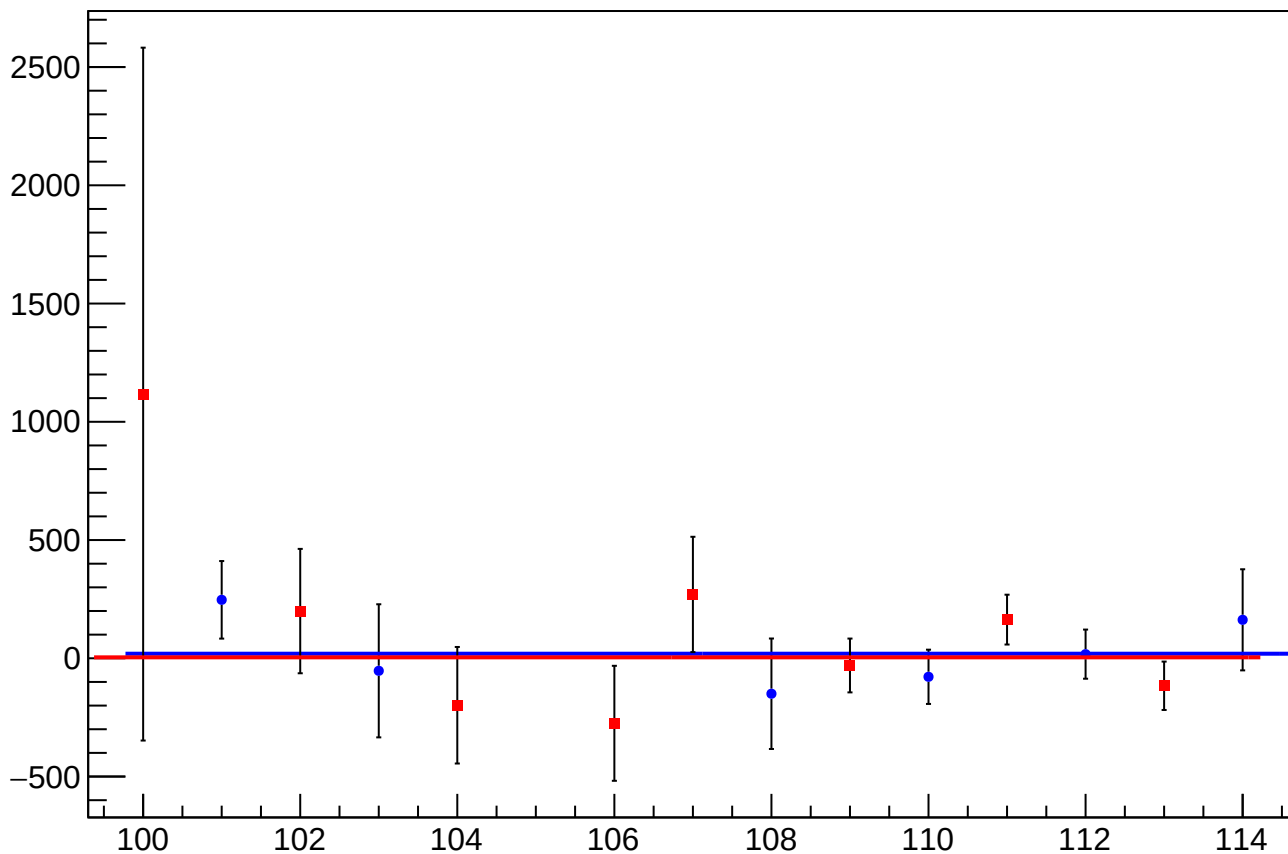
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.713+/-0.255 χ^2/NDF : 364815.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: 19.363+/-62.183 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.984+/-55.213 χ^2/NDF : 8.1/7

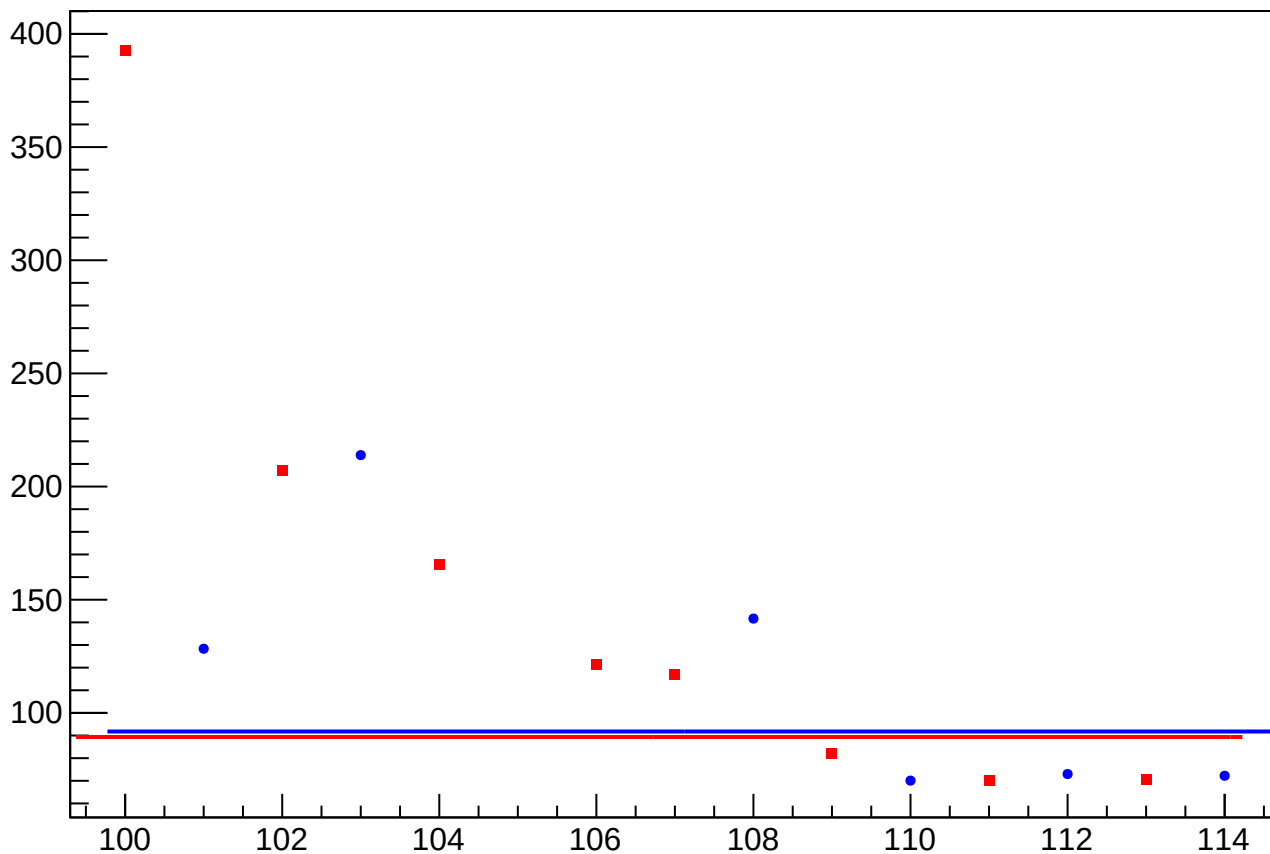
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.764+/-41.287 χ^2/NDF : 11.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 91.778+/-0.044 χ^2/NDF : 721018.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.344+/-0.039 χ^2/NDF : 881834.4/7

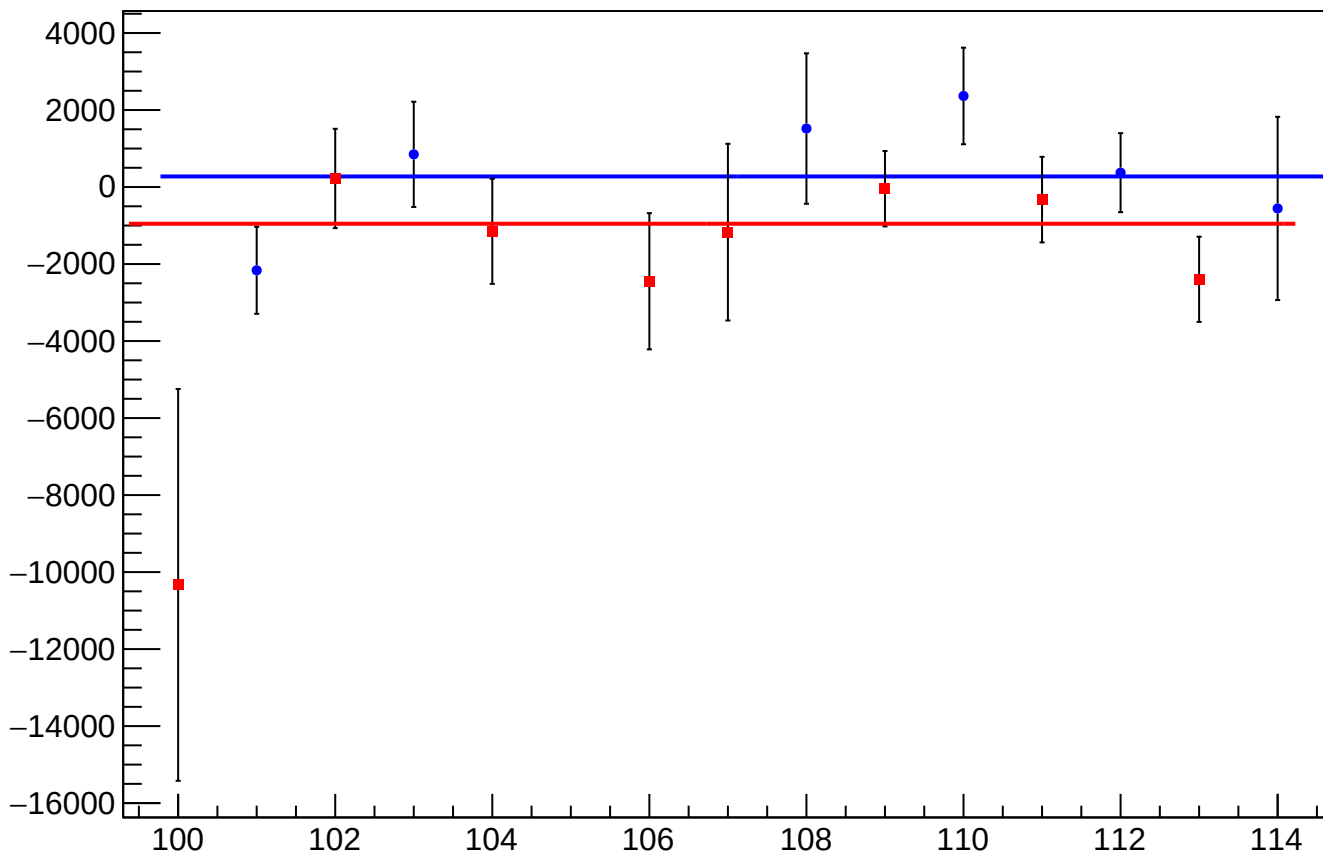
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.417+/-0.029 χ^2/NDF : 1604564.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: 274.809 $\pm$ 547.096 χ^2 /NDF: 8.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -953.447 $\pm$ 479.113 χ^2 /NDF: 7.9/7

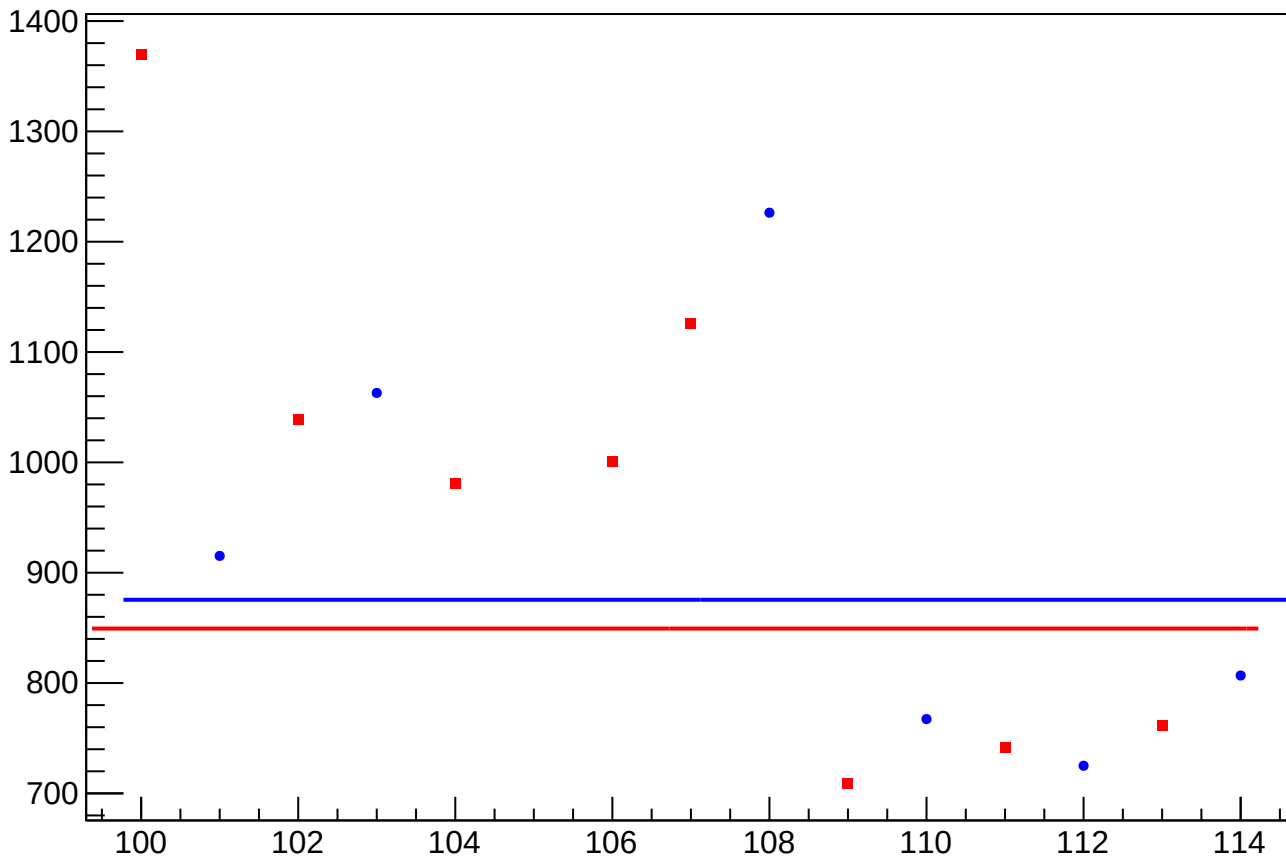
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -420.332 $\pm$ 360.437 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



Right In: 875.468 $\pm$ 0.387 χ^2 /NDF: 164055.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 849.393 $\pm$ 0.339 χ^2 /NDF: 198187.4/7

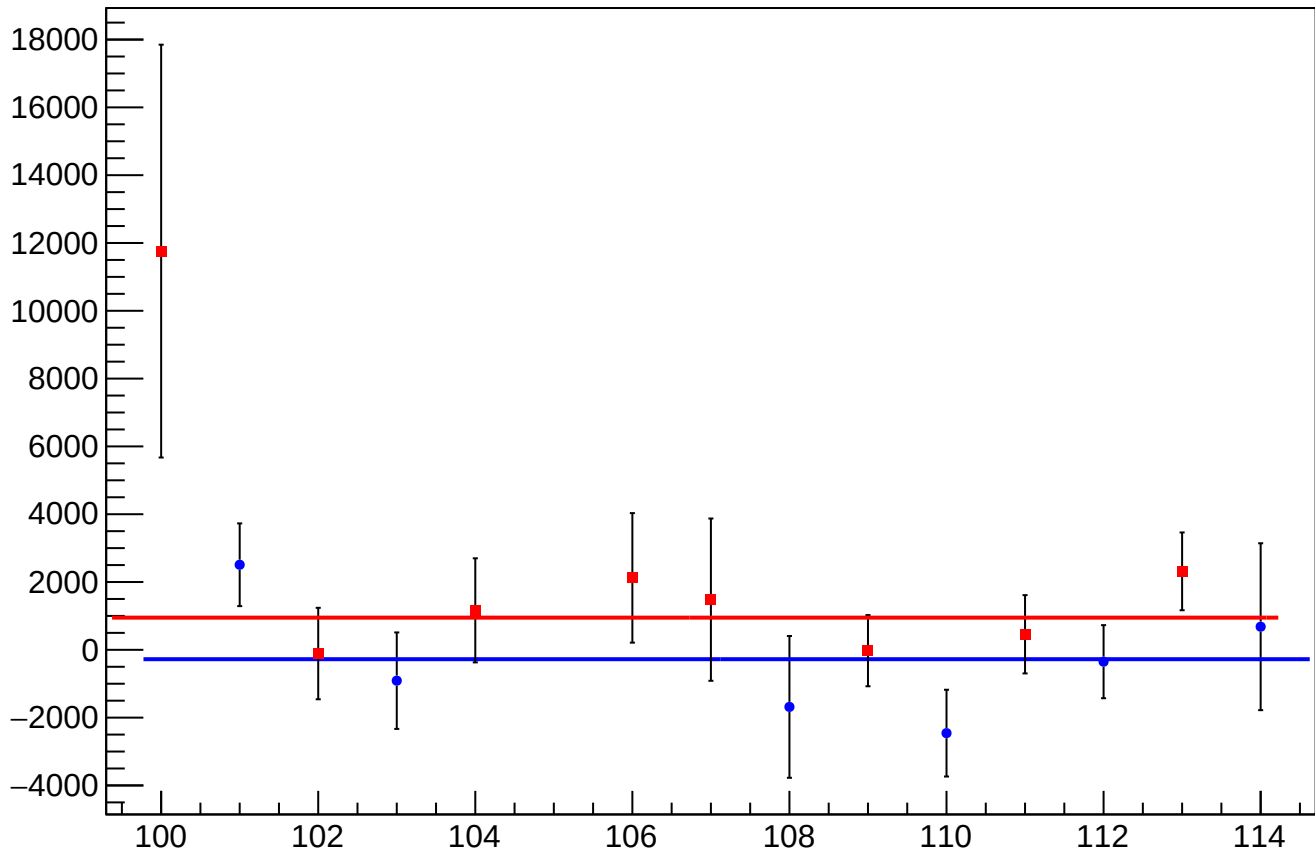
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 860.711 $\pm$ 0.255 χ^2 /NDF: 364814.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: -276.408+/-574.361 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 949.474+/-508.528 χ^2/NDF : 6.7/7

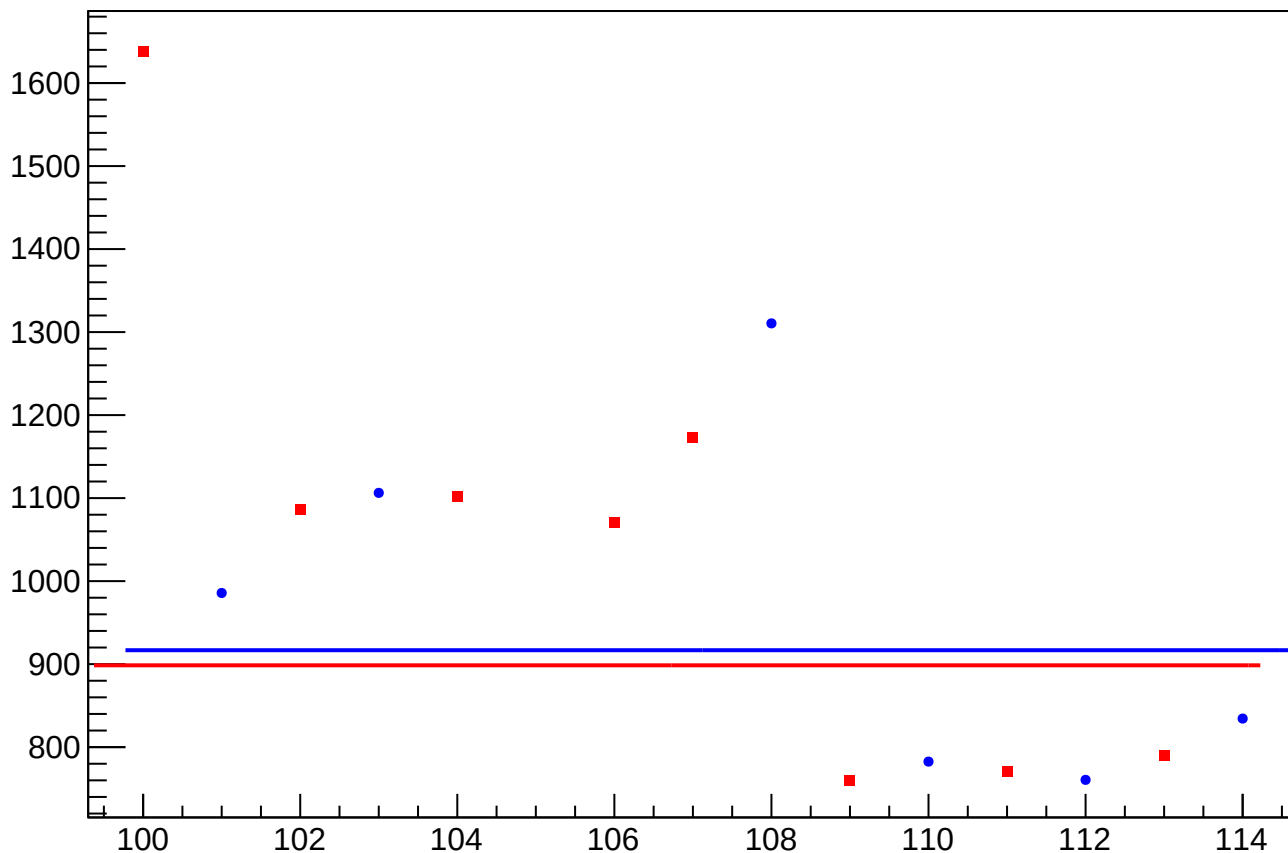
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.784+/-380.741 χ^2/NDF : 18.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 916.768 $\pm$ 0.406 χ^2 /NDF: 179018.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 898.570 $\pm$ 0.360 χ^2 /NDF: 223355.8/7

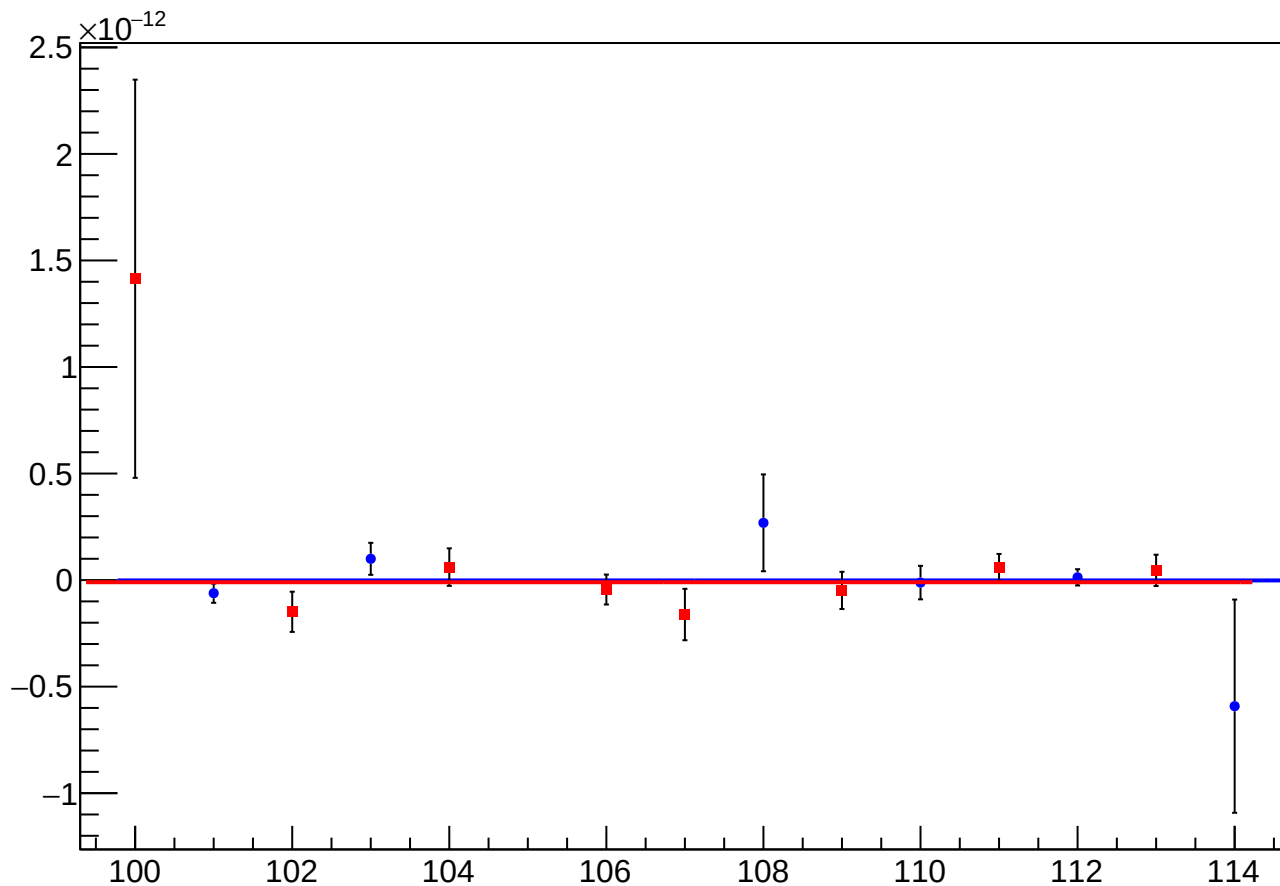
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 906.567 $\pm$ 0.269 χ^2 /NDF: 403499.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/7

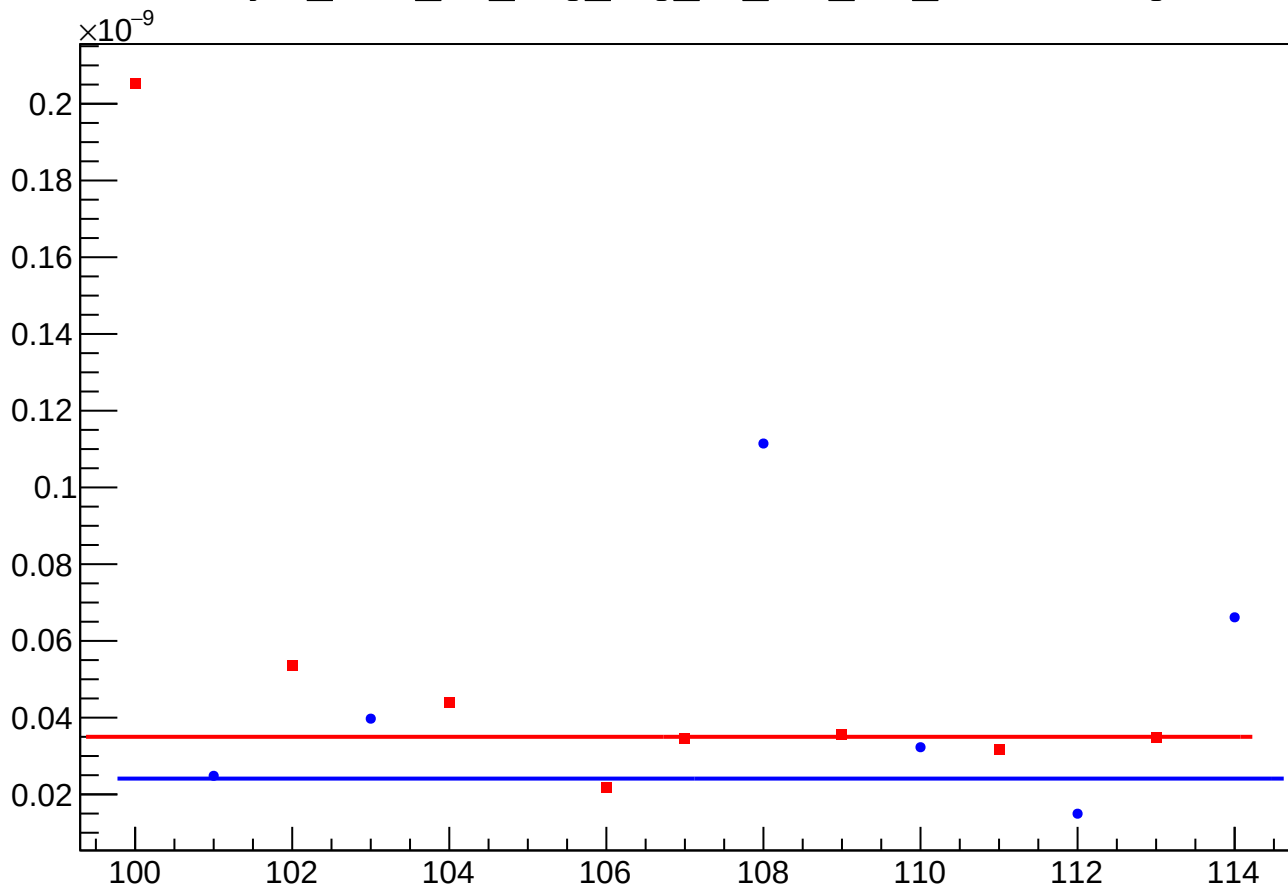
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 533480.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 241033.4/7

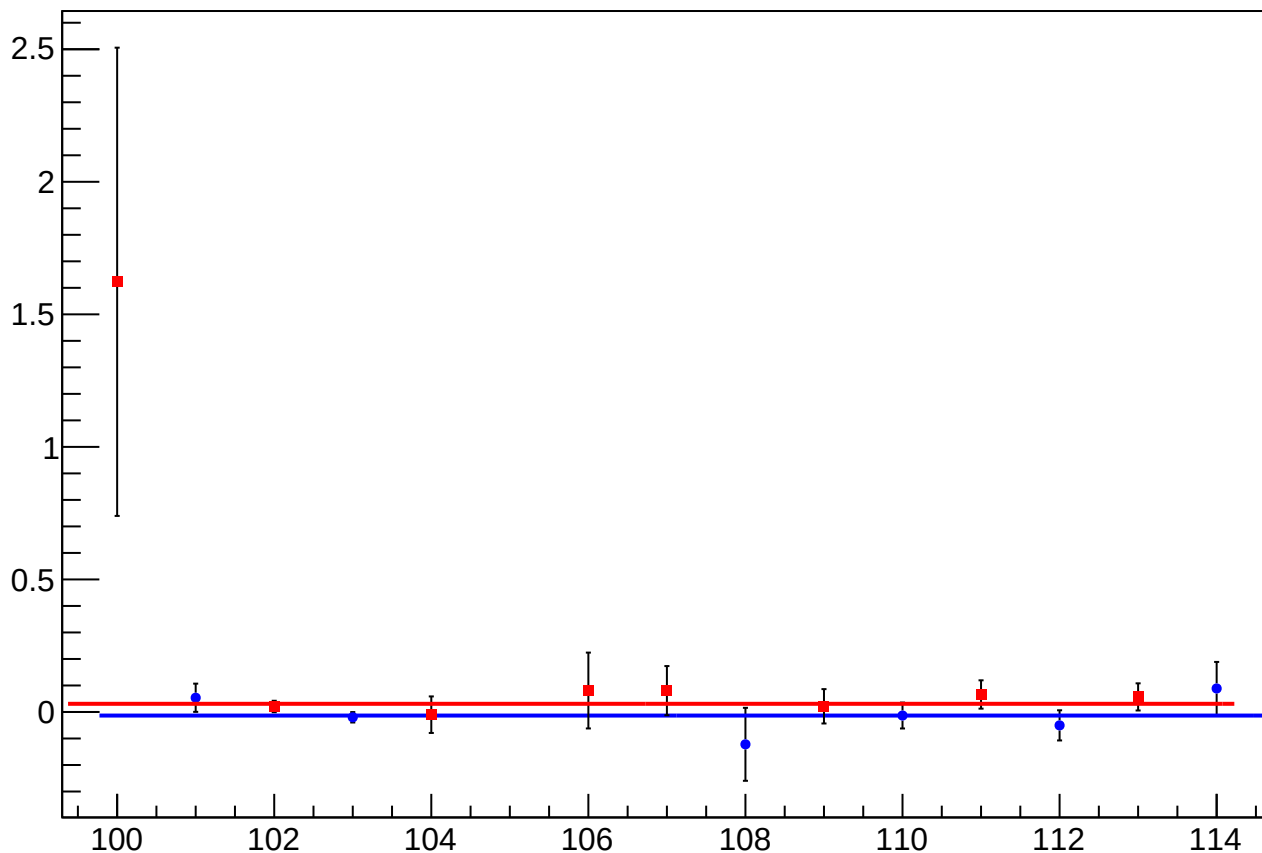
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 924816.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 ± 0.016 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.031 ± 0.017 χ^2/NDF : 4.9/7

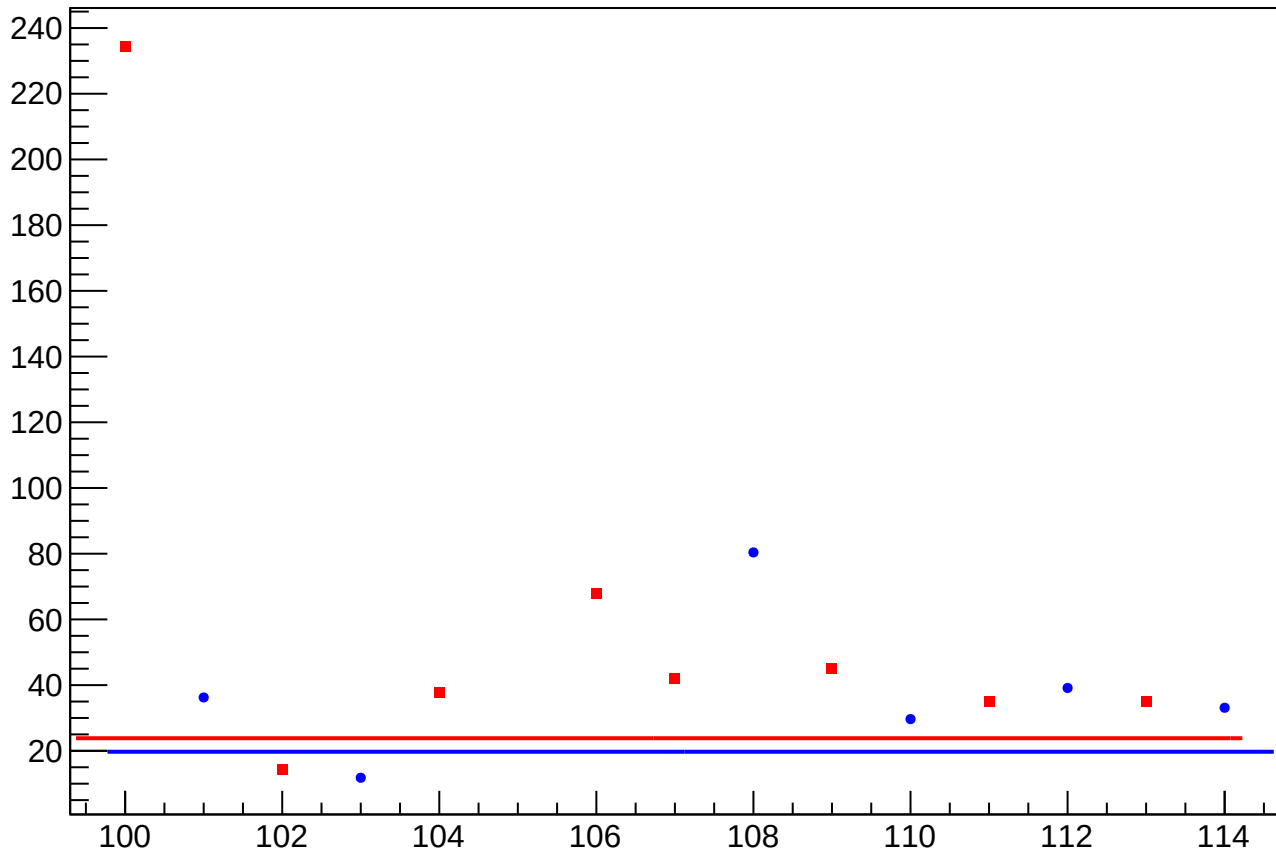
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.012 χ^2/NDF : 12.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 19.721+/-0.011 χ^2/NDF : 1257312.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.839+/-0.012 χ^2/NDF : 1254466.2/7

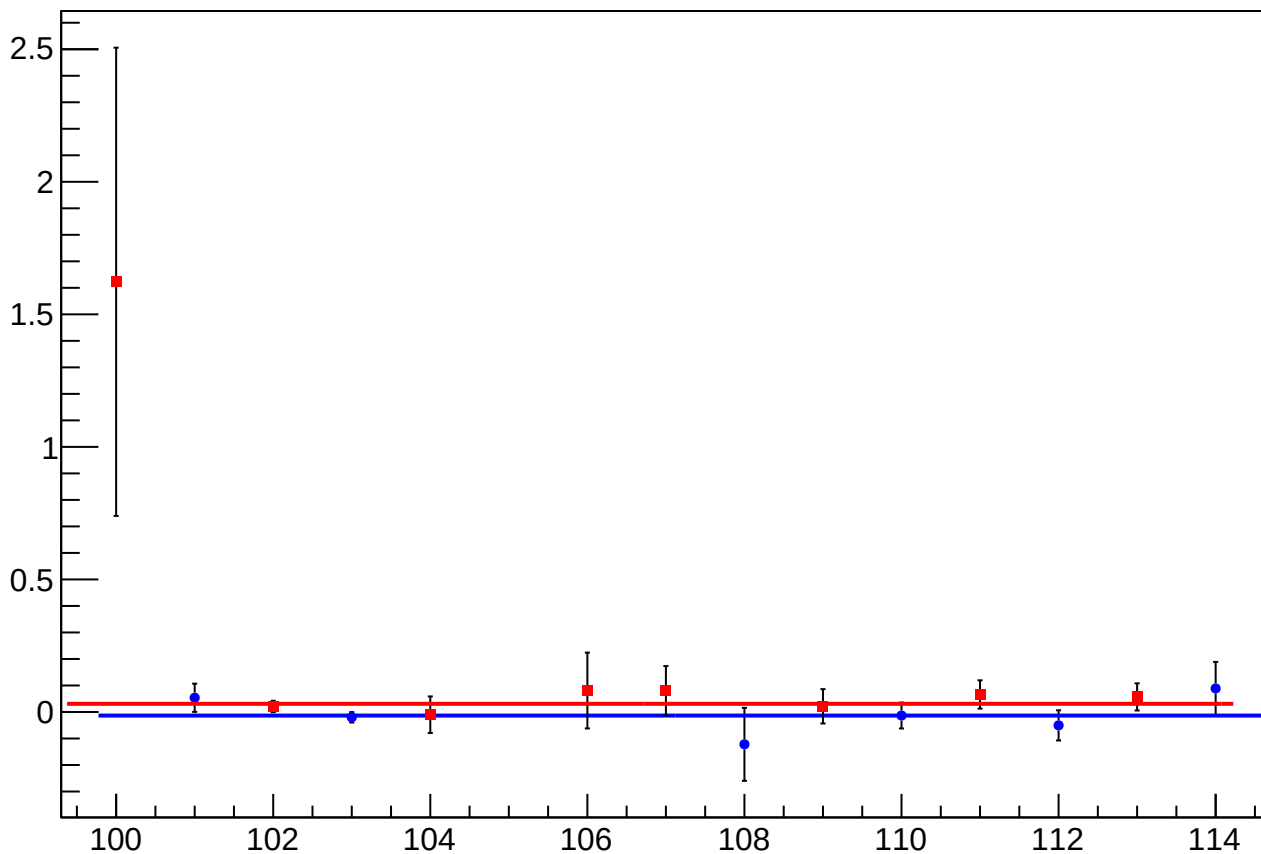
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.689+/-0.008 χ^2/NDF : 2573796.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.013+/-0.016 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.017 χ^2/NDF : 4.9/7

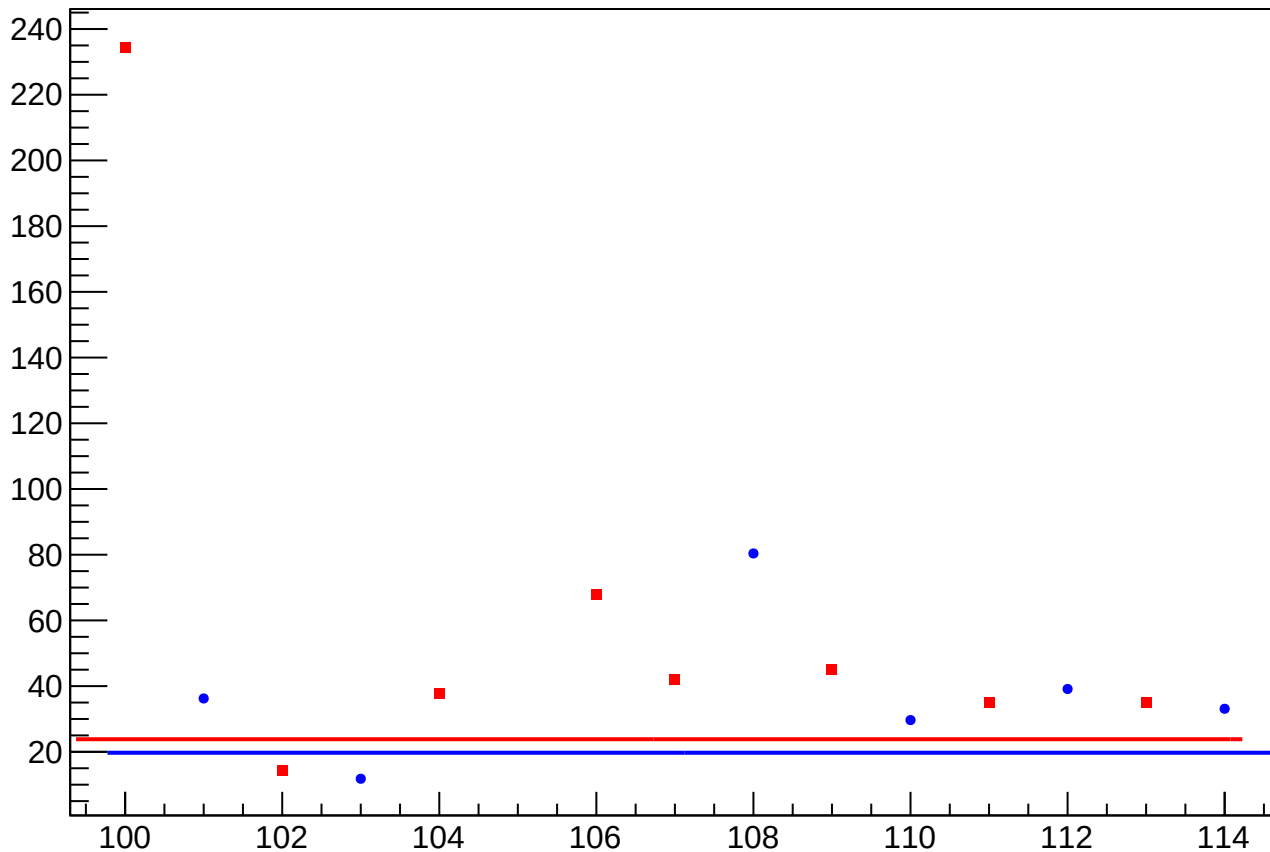
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.012 χ^2/NDF : 12.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.721+/-0.011 χ^2/NDF : 1257312.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.839+/-0.012 χ^2/NDF : 1254466.2/7

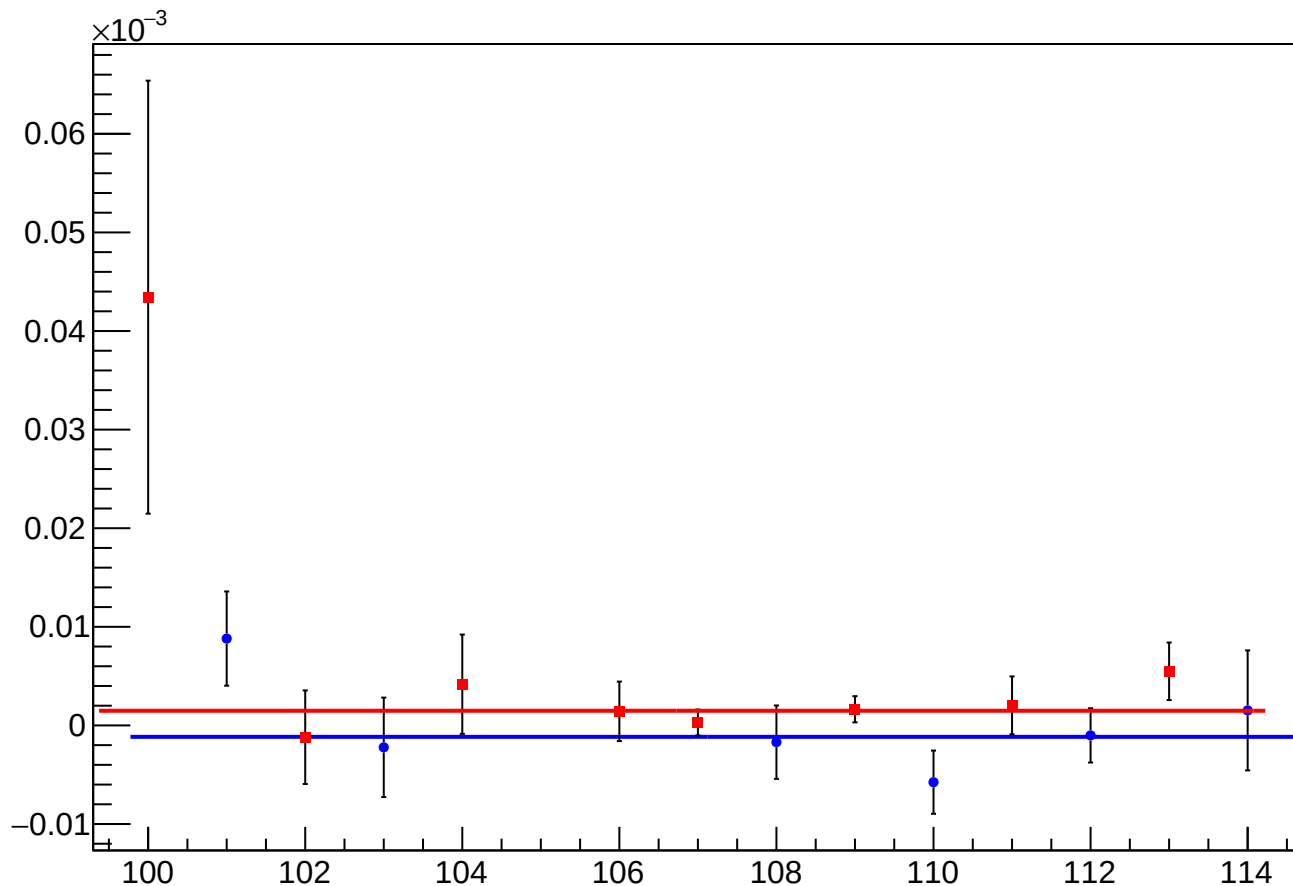
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.689+/-0.008 χ^2/NDF : 2573796.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/7

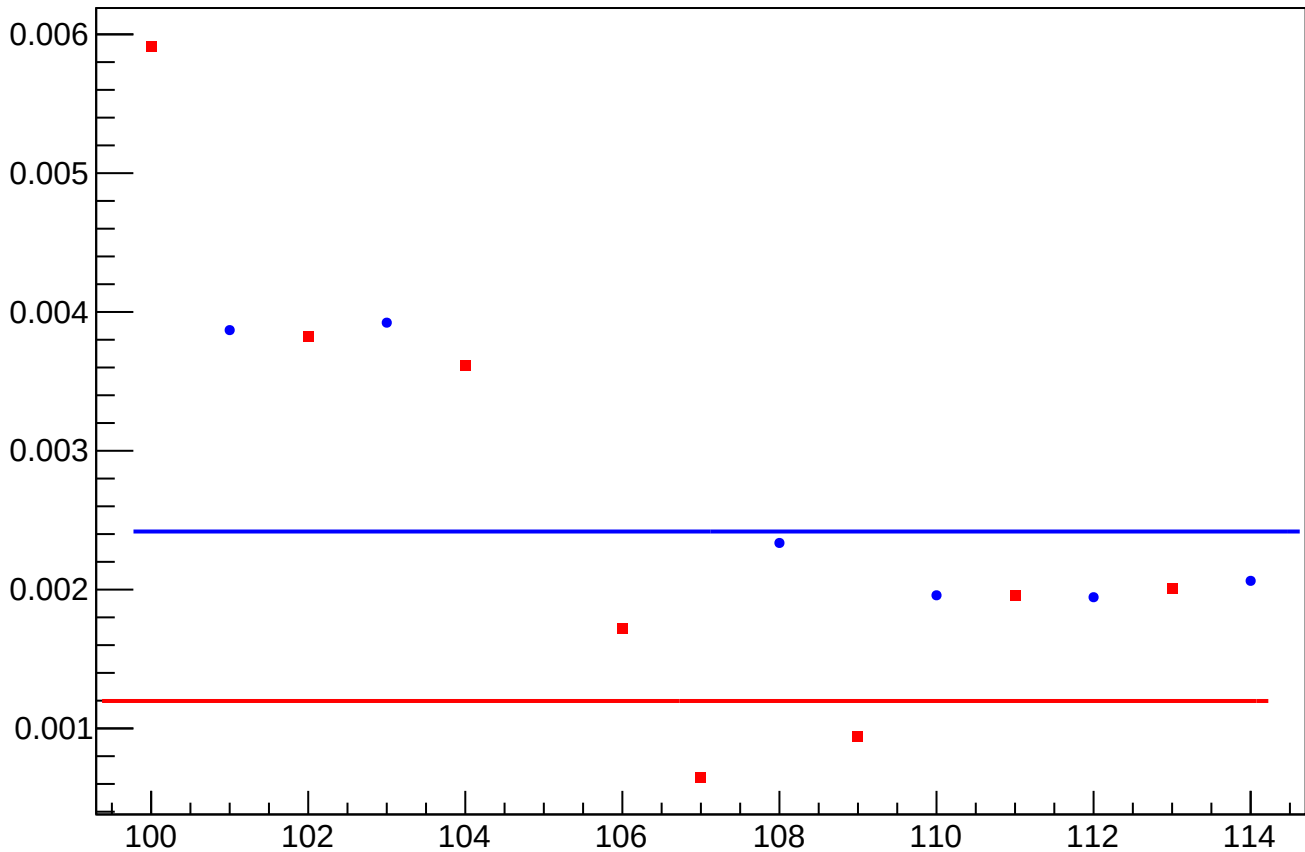
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 470343.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1940638.8/7

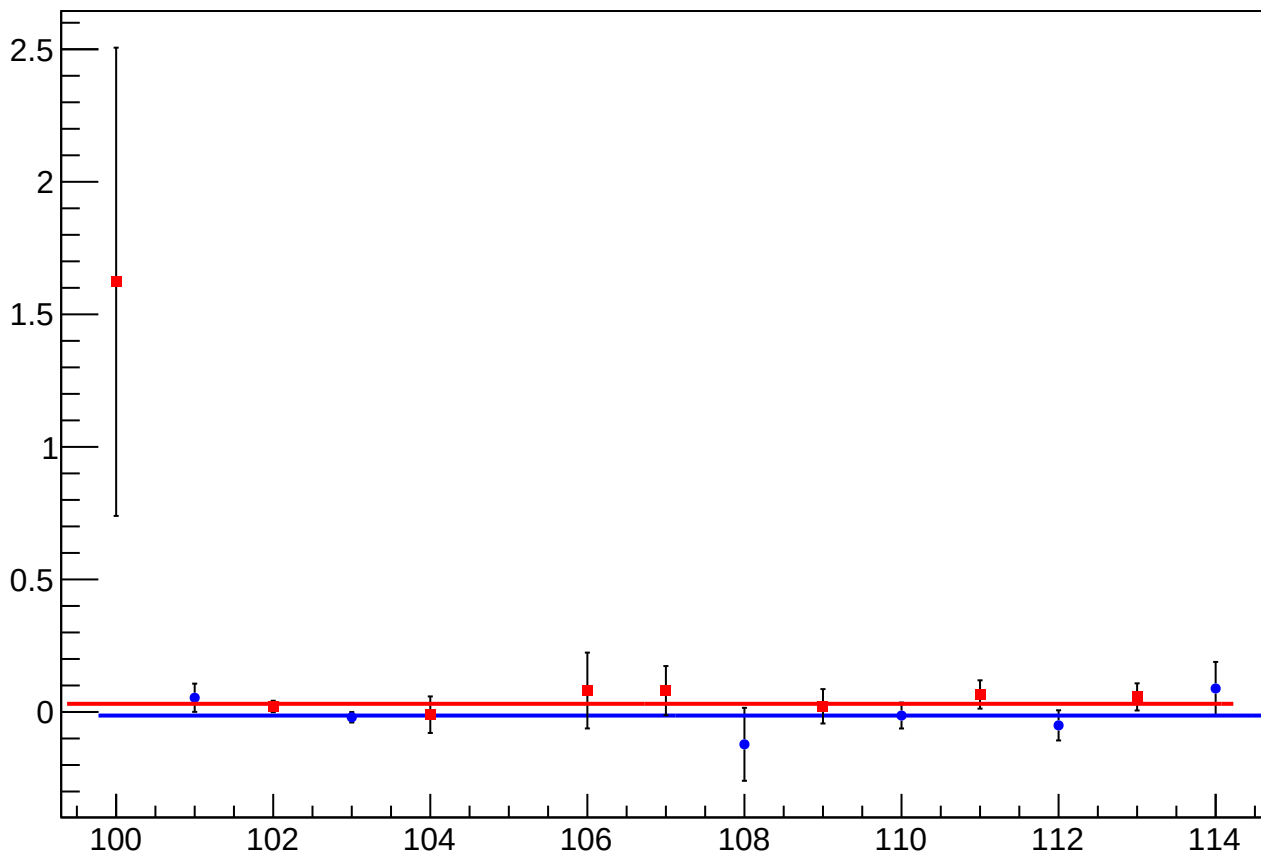
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3383576.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.016 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.017 χ^2 /NDF: 4.9/7

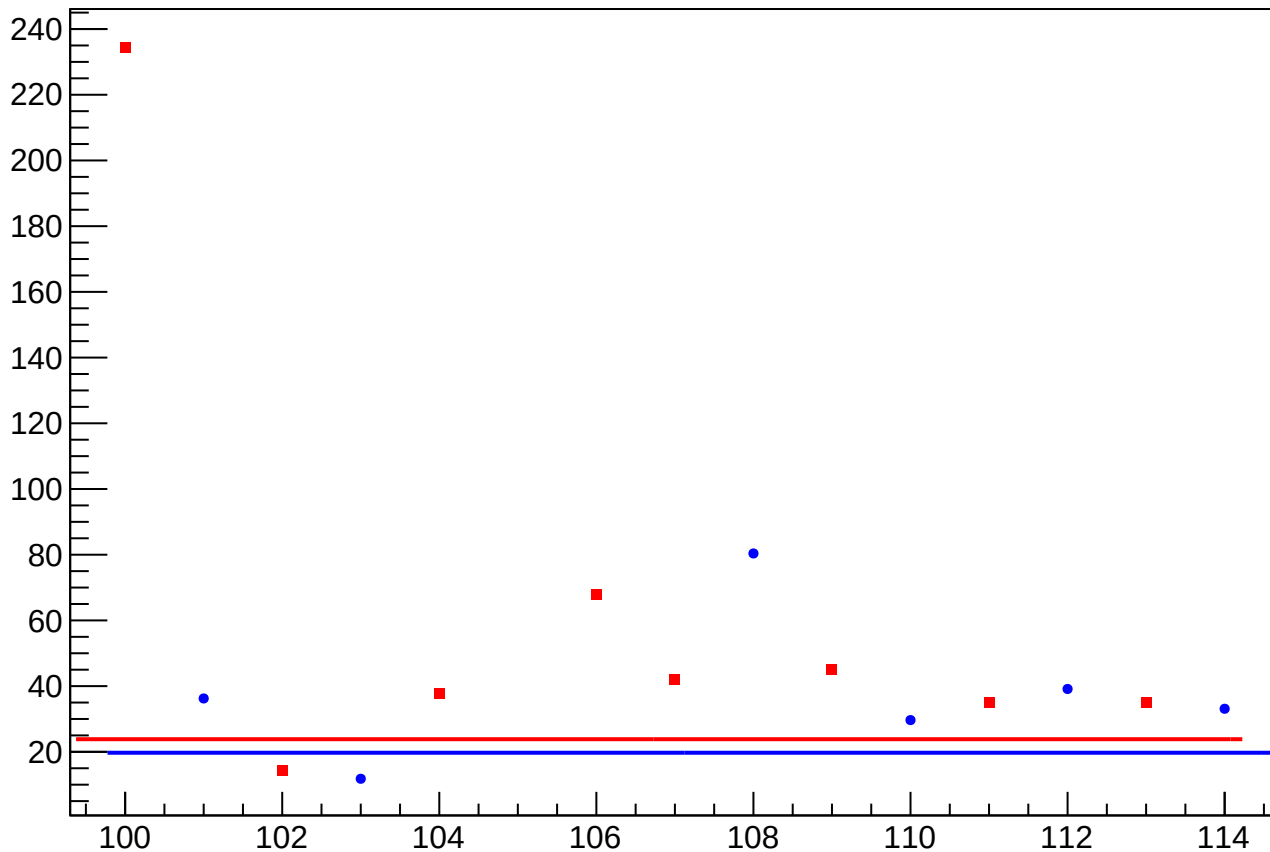
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.012 χ^2 /NDF: 12.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.720 $\pm$ 0.011 χ^2 /NDF: 1257494.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.843 $\pm$ 0.012 χ^2 /NDF: 1254168.1/7

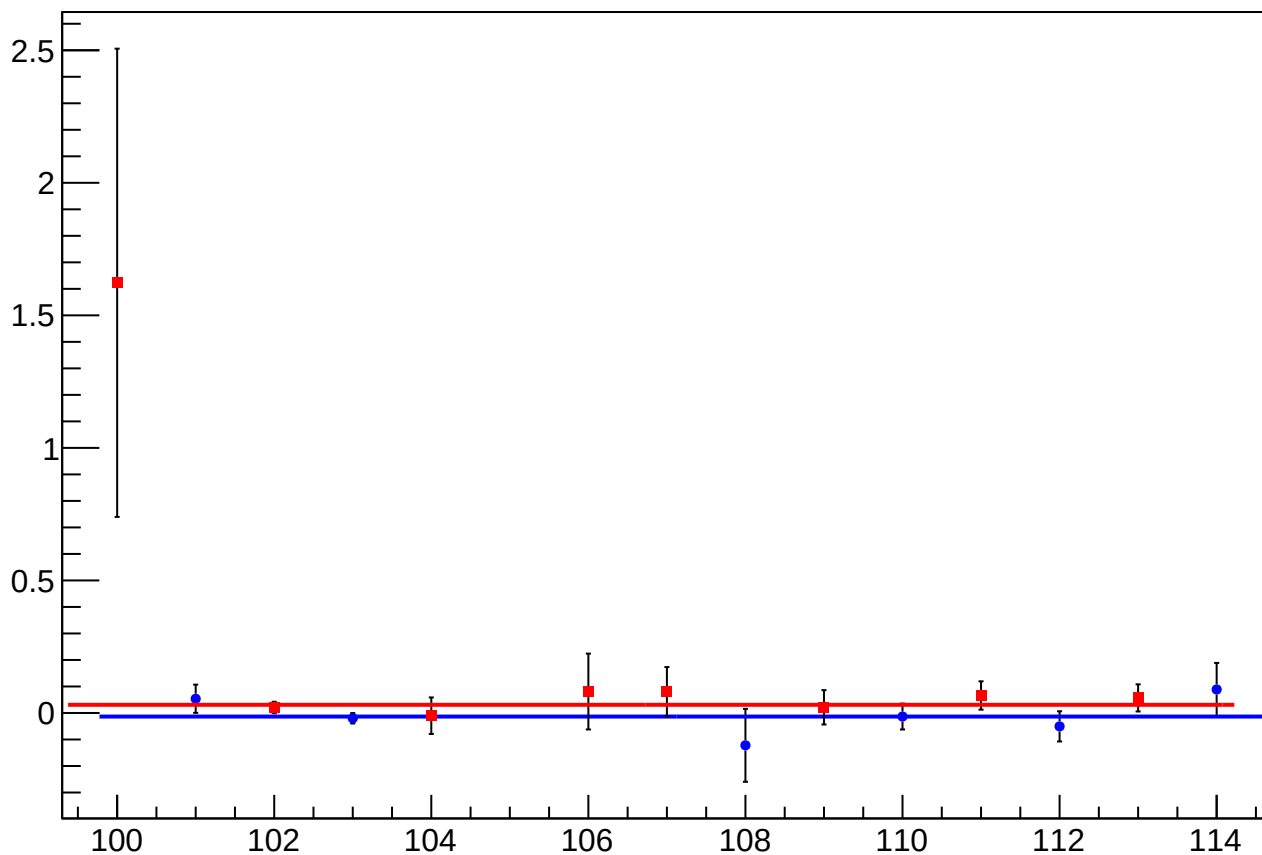
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.690 $\pm$ 0.008 χ^2 /NDF: 2573821.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.016 χ^2 /NDF: 3.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.017 χ^2 /NDF: 4.9/7

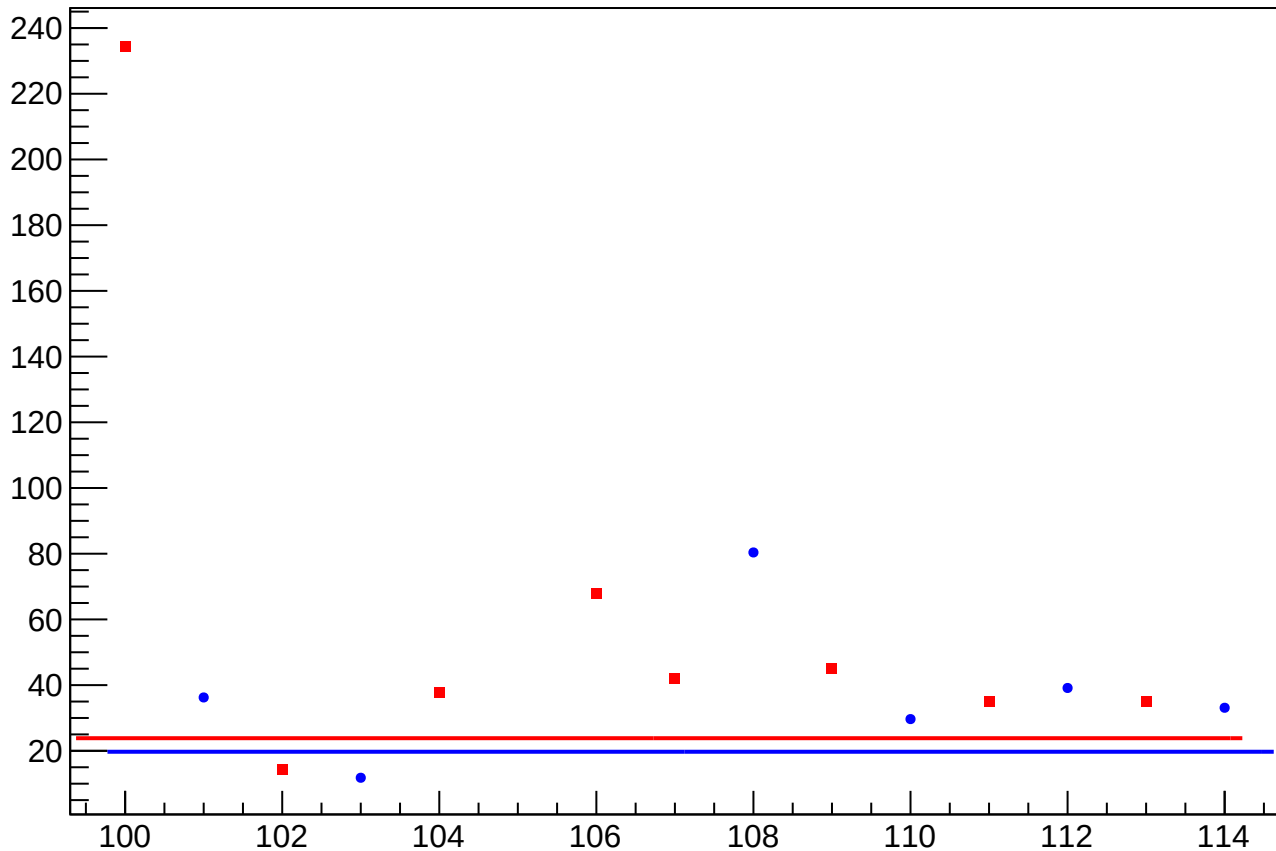
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.012 χ^2 /NDF: 12.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.720+/-0.011 χ^2/NDF : 1257494.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.843+/-0.012 χ^2/NDF : 1254168.1/7

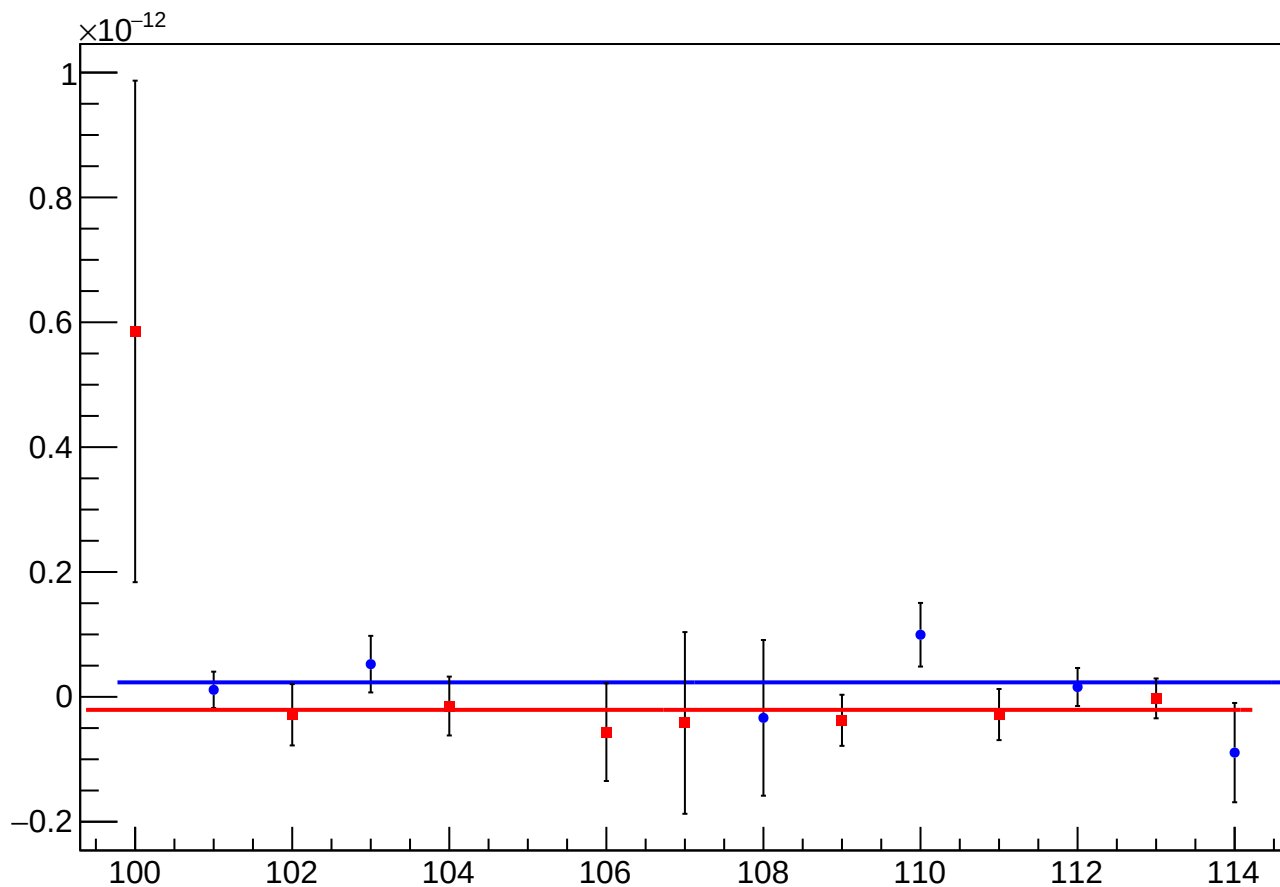
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.690+/-0.008 χ^2/NDF : 2573821.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.1/7

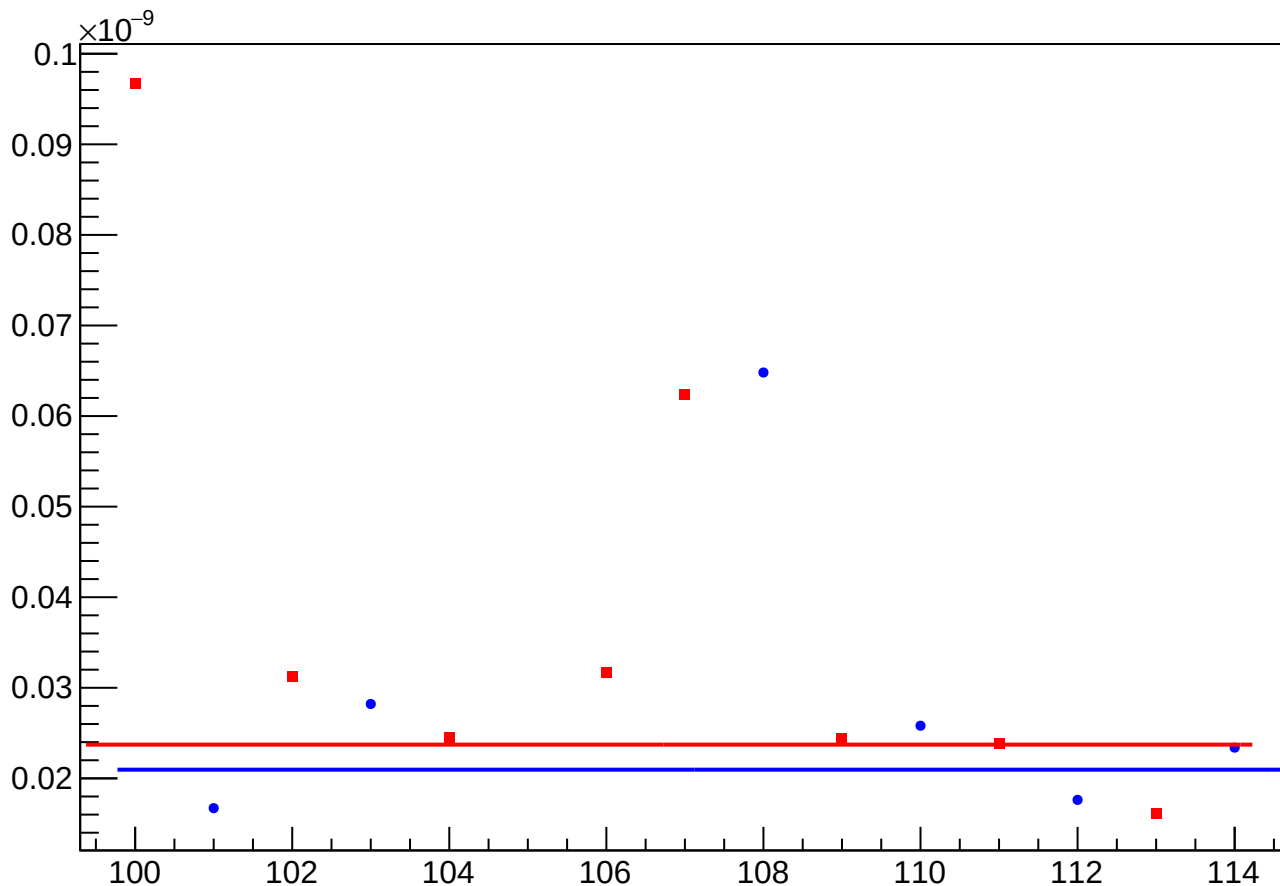
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 385065.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 389467.0/7

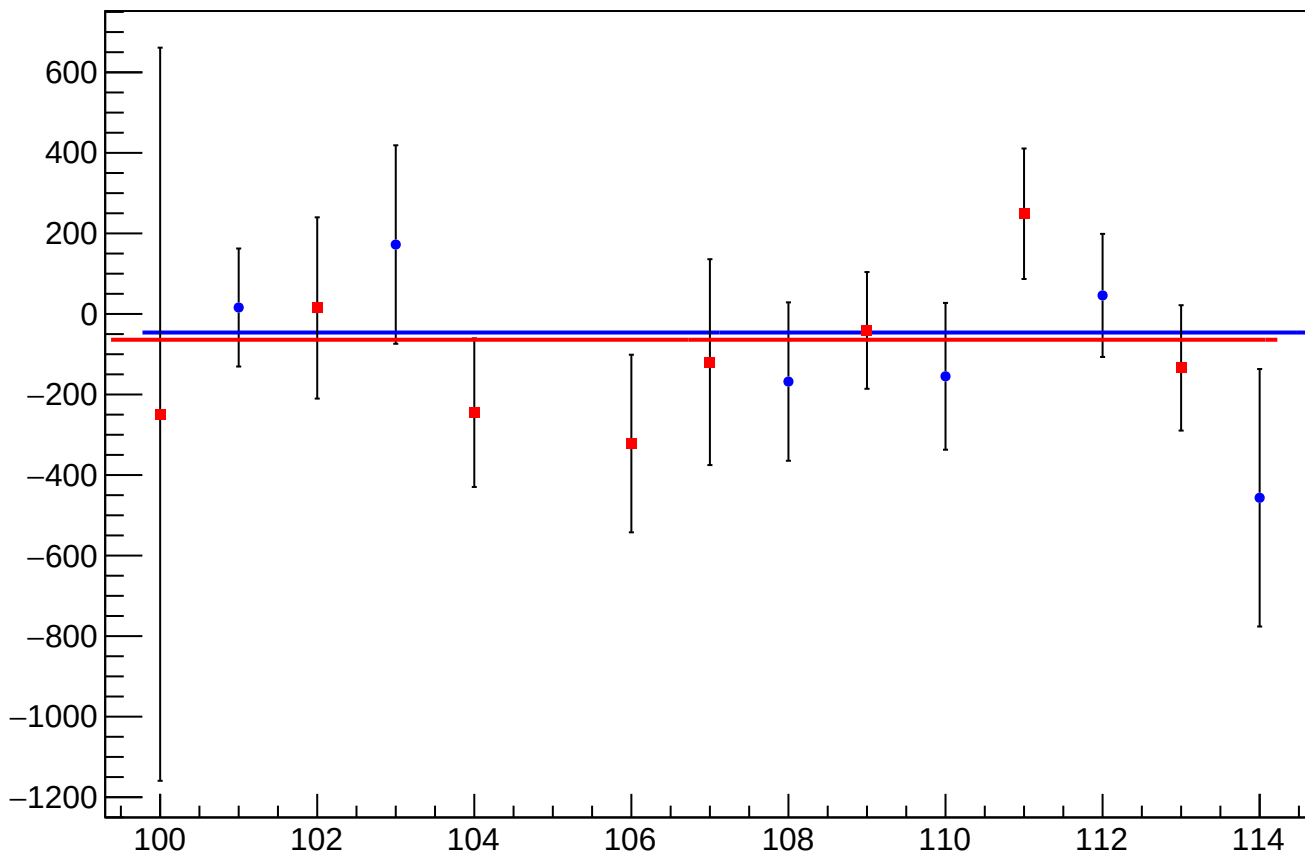
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 799798.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -46.115 $\pm$ 76.342 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.056 $\pm$ 68.502 χ^2 /NDF: 6.5/7

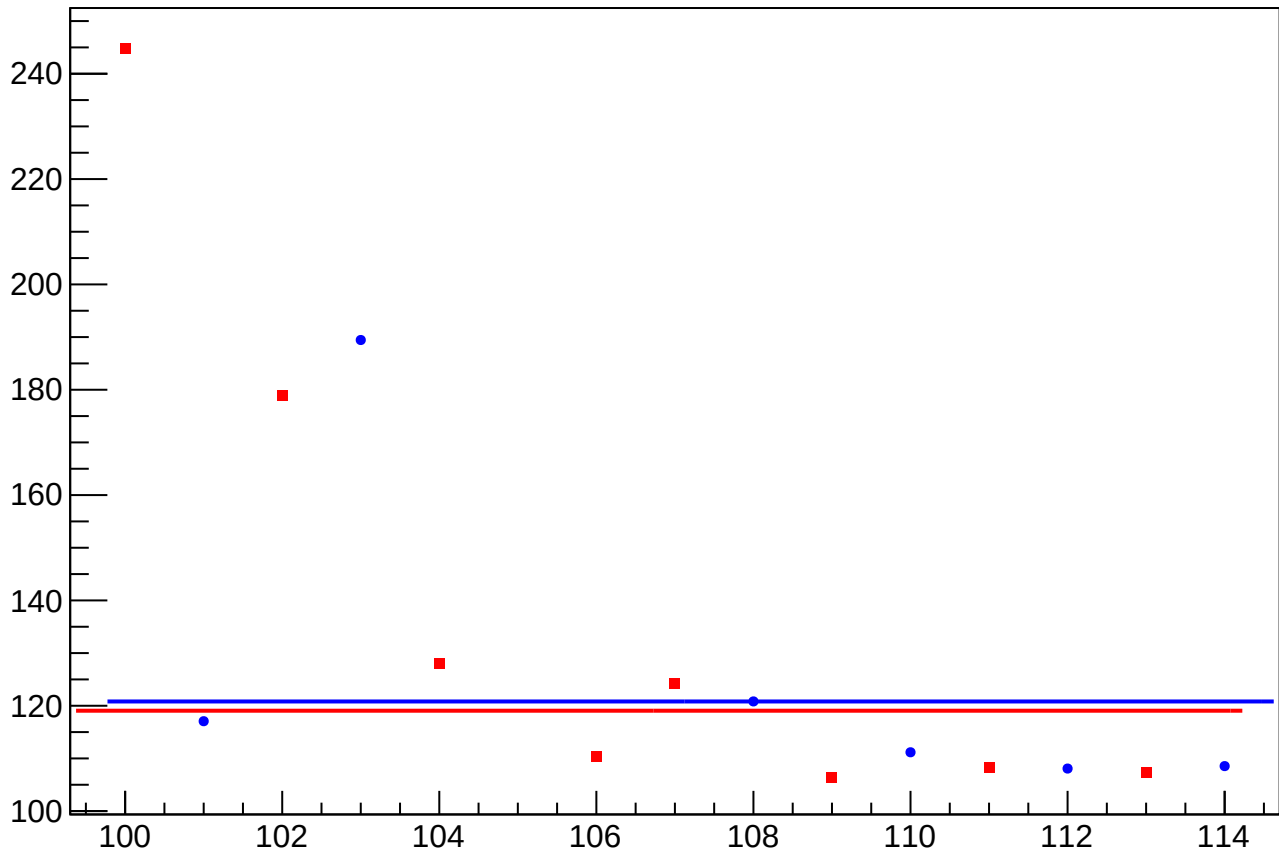
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.053 $\pm$ 50.985 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 120.814 $\pm$ 0.054 χ^2 /NDF: 178856.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.058 $\pm$ 0.048 χ^2 /NDF: 223910.1/7

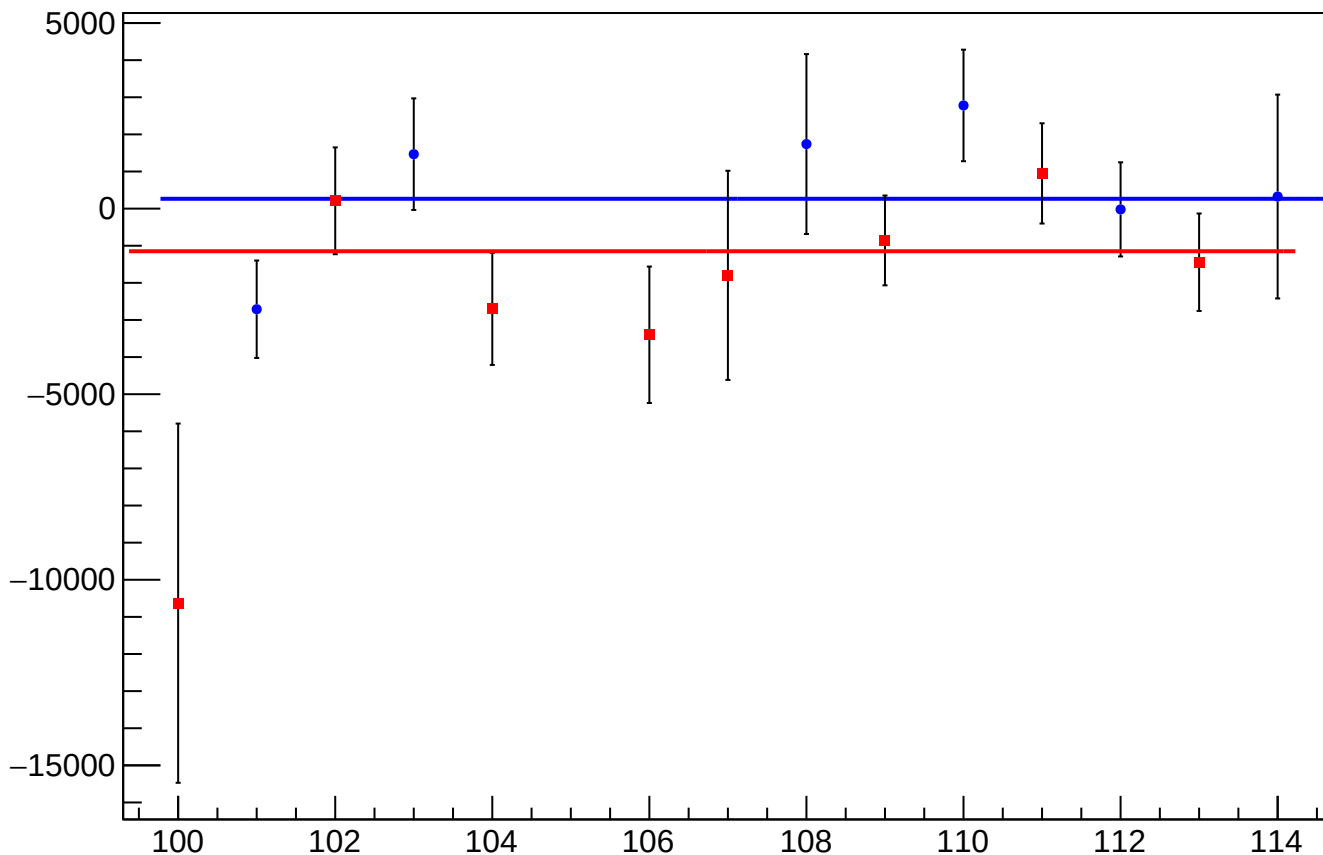
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.841 $\pm$ 0.036 χ^2 /NDF: 403352.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: 264.731+/-646.844 χ^2/NDF : 9.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1148.723+/-559.230 χ^2/NDF : 9.9/7

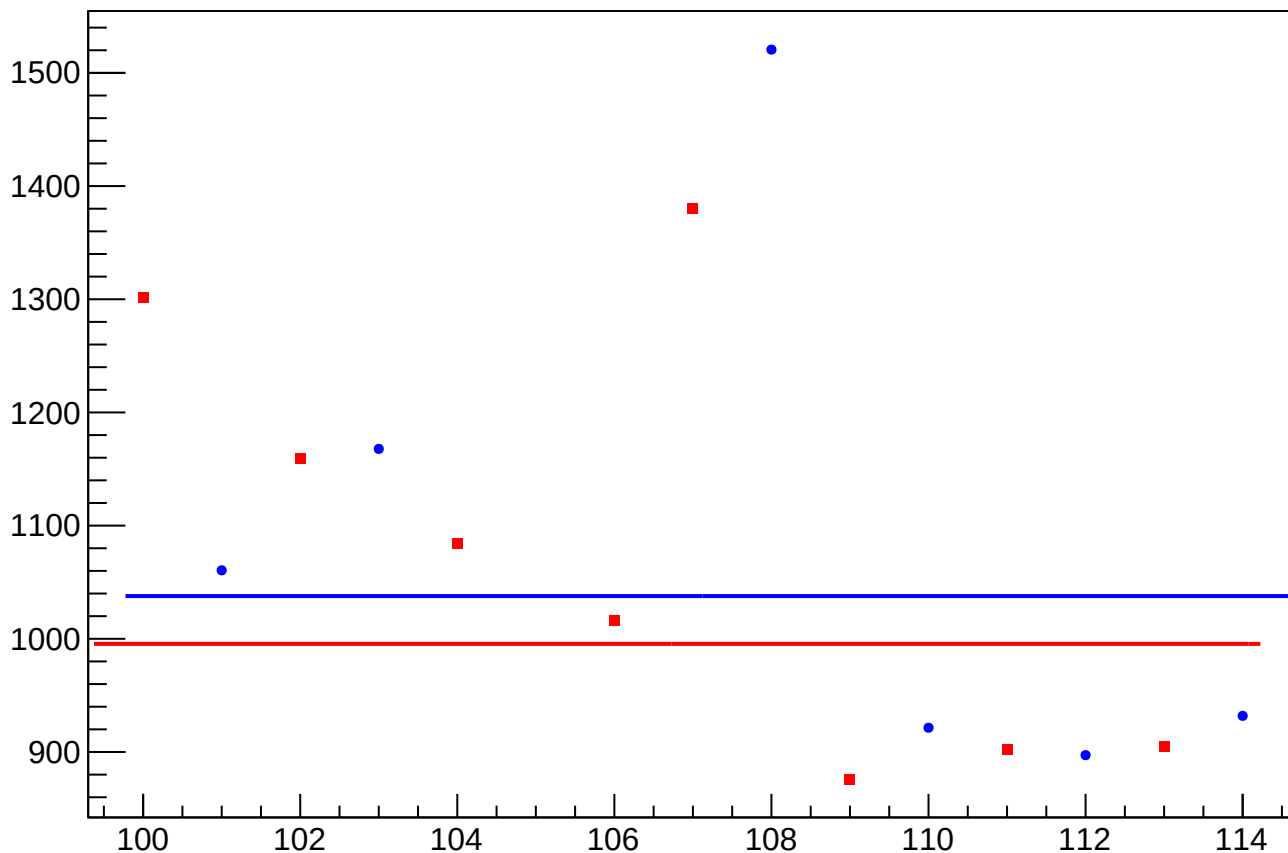
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -544.136+/-423.046 χ^2/NDF : 21.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1037.758 $\pm$ 0.457 χ^2 /NDF: 134424.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 995.526 $\pm$ 0.395 χ^2 /NDF: 117203.6/7

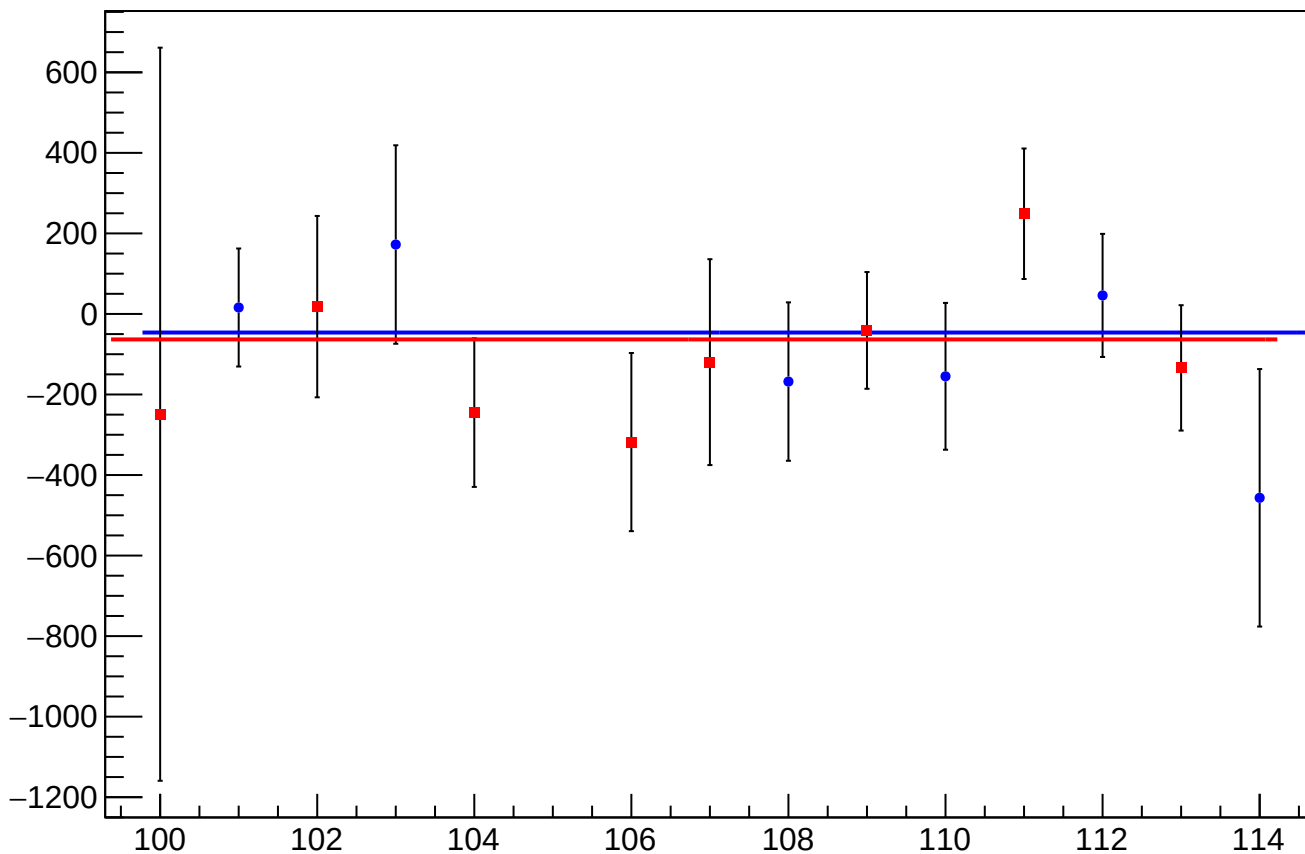
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1013.590 $\pm$ 0.299 χ^2 /NDF: 256506.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_mean vs Slug



Right In: -46.136 $\pm$ 76.342 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.245 $\pm$ 68.526 χ^2 /NDF: 6.5/7

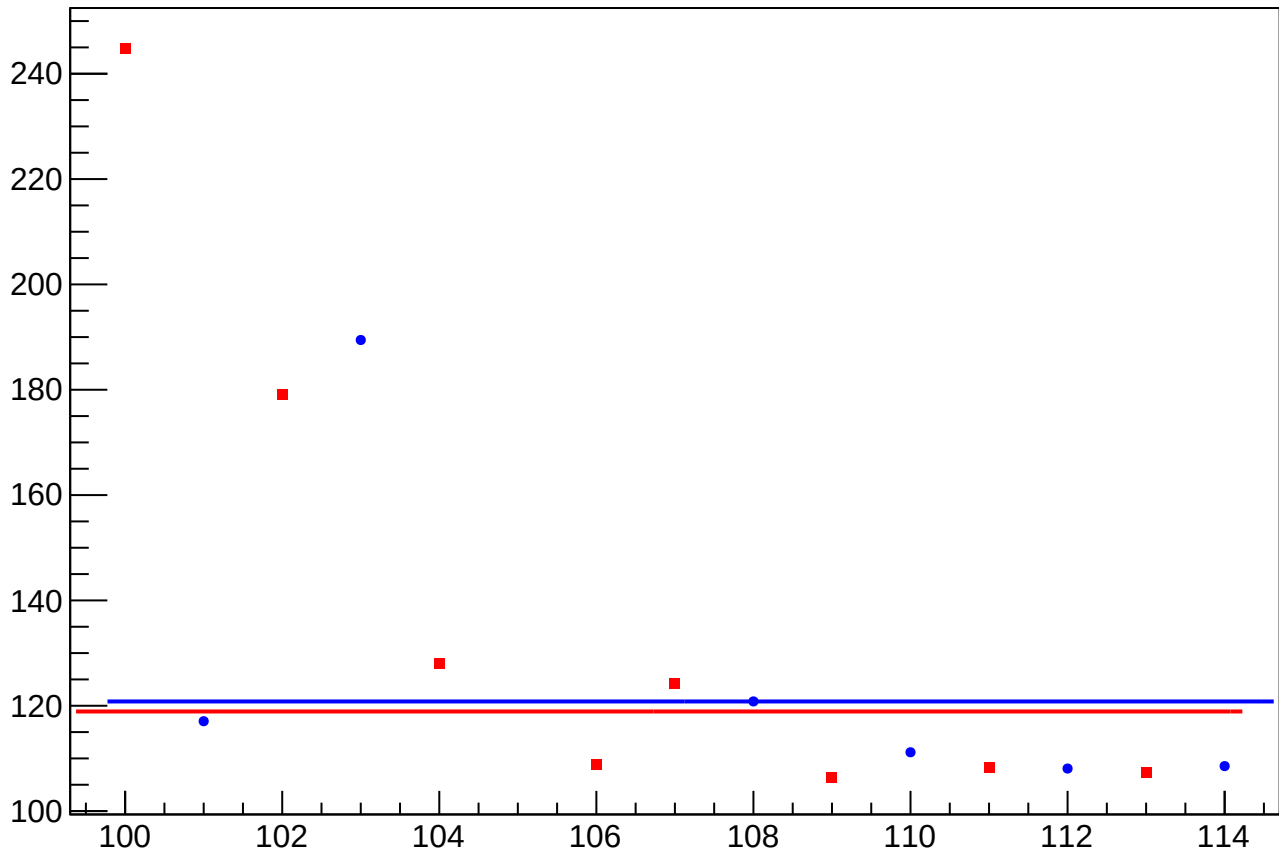
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.611 $\pm$ 50.995 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 120.814 $\pm$ 0.054 χ^2 /NDF: 178859.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.912 $\pm$ 0.048 χ^2 /NDF: 225359.2/7

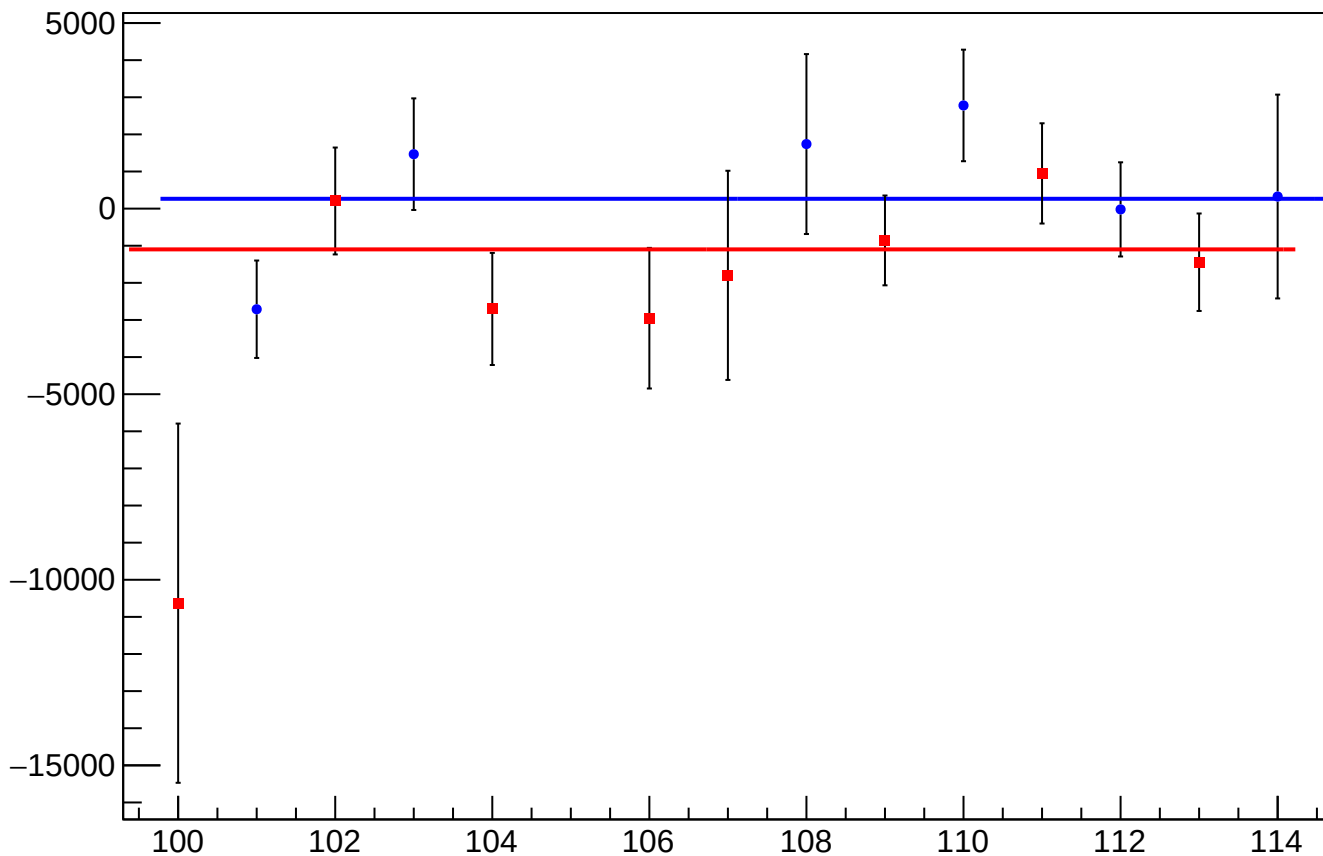
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.761 $\pm$ 0.036 χ^2 /NDF: 404906.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: 264.622+/-646.854 χ^2/NDF : 9.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1098.453+/-560.804 χ^2/NDF : 9.3/7

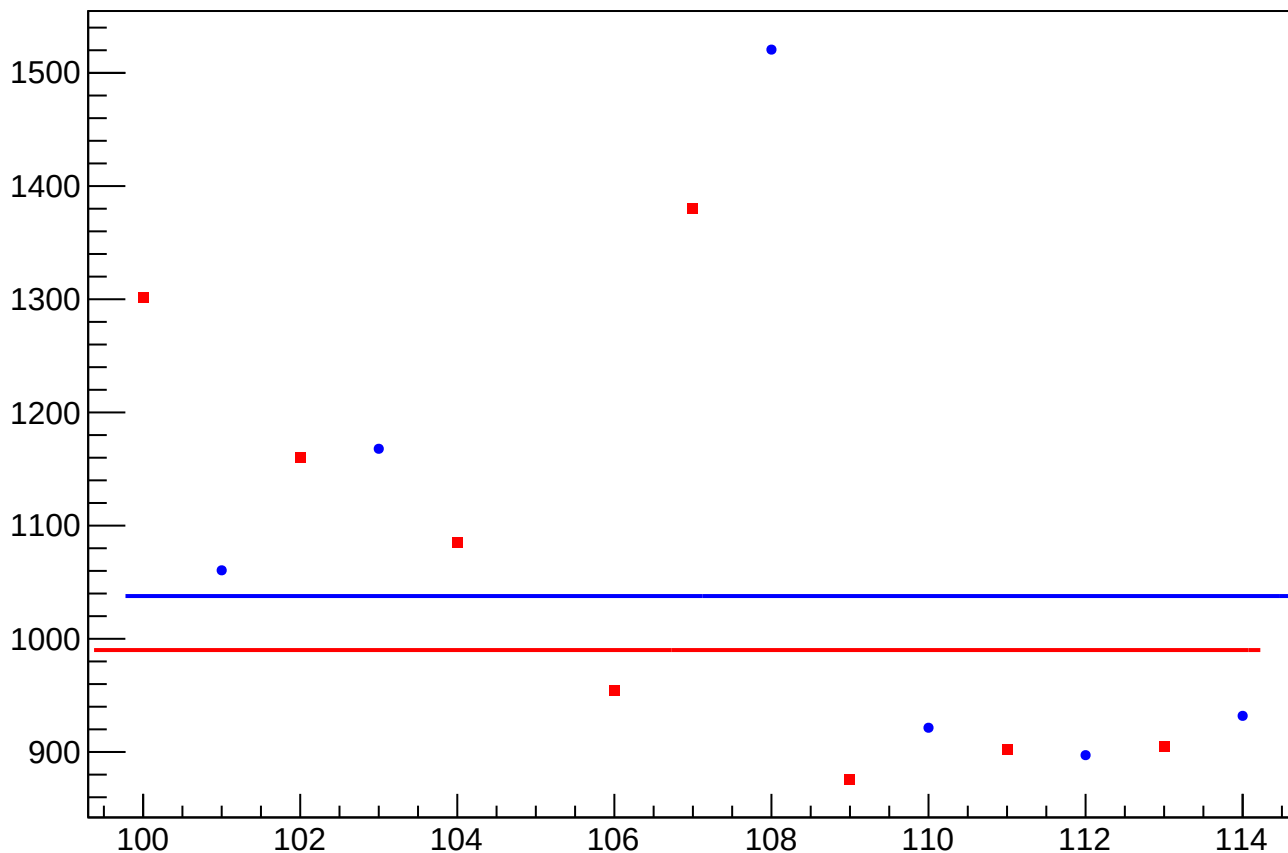
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -513.550+/-423.730 χ^2/NDF : 20.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1037.773+/-0.457 χ^2/NDF : 134444.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 990.059+/-0.397 χ^2/NDF : 117890.7/7

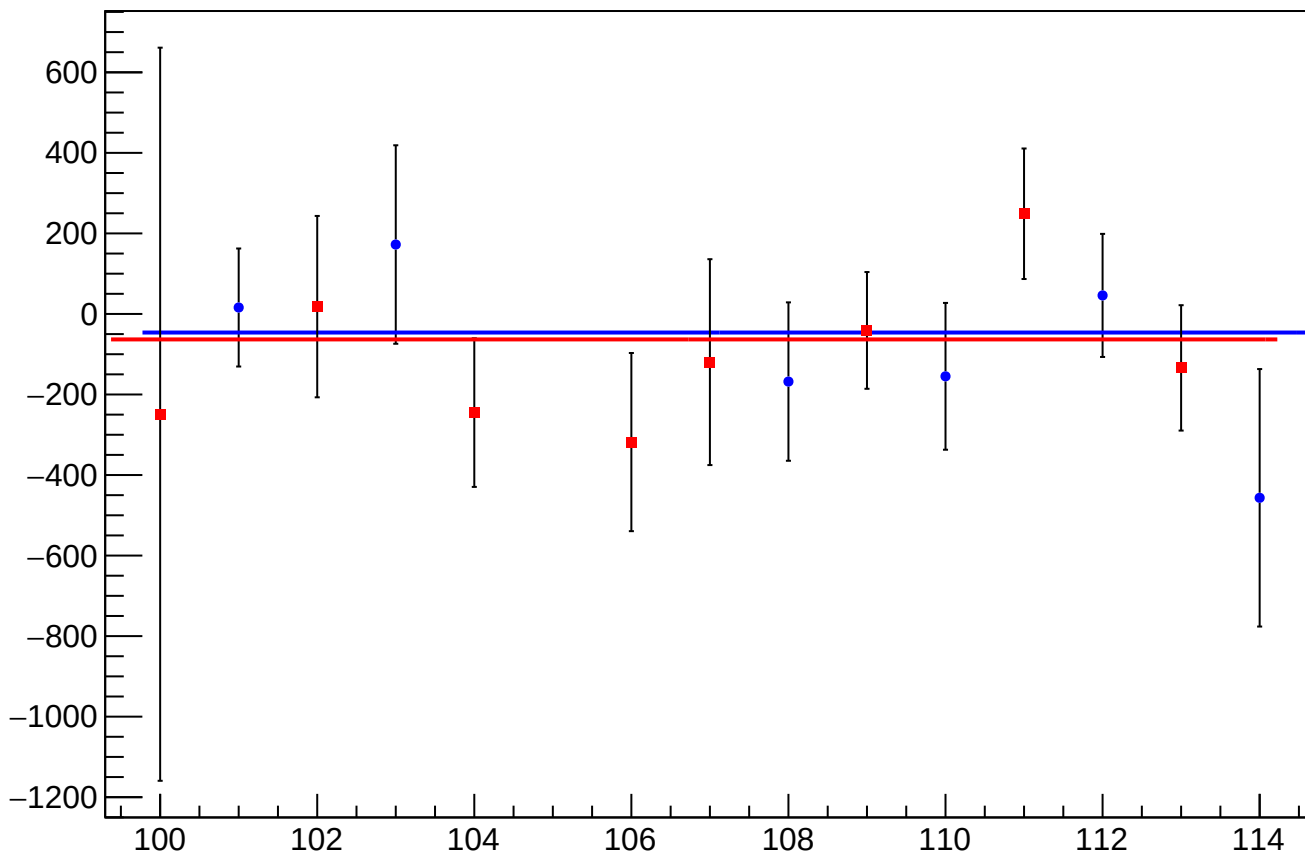
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.533+/-0.300 χ^2/NDF : 258548.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_avg_mean vs Slug



Right In: -46.136 $\pm$ 76.342 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.245 $\pm$ 68.526 χ^2 /NDF: 6.5/7

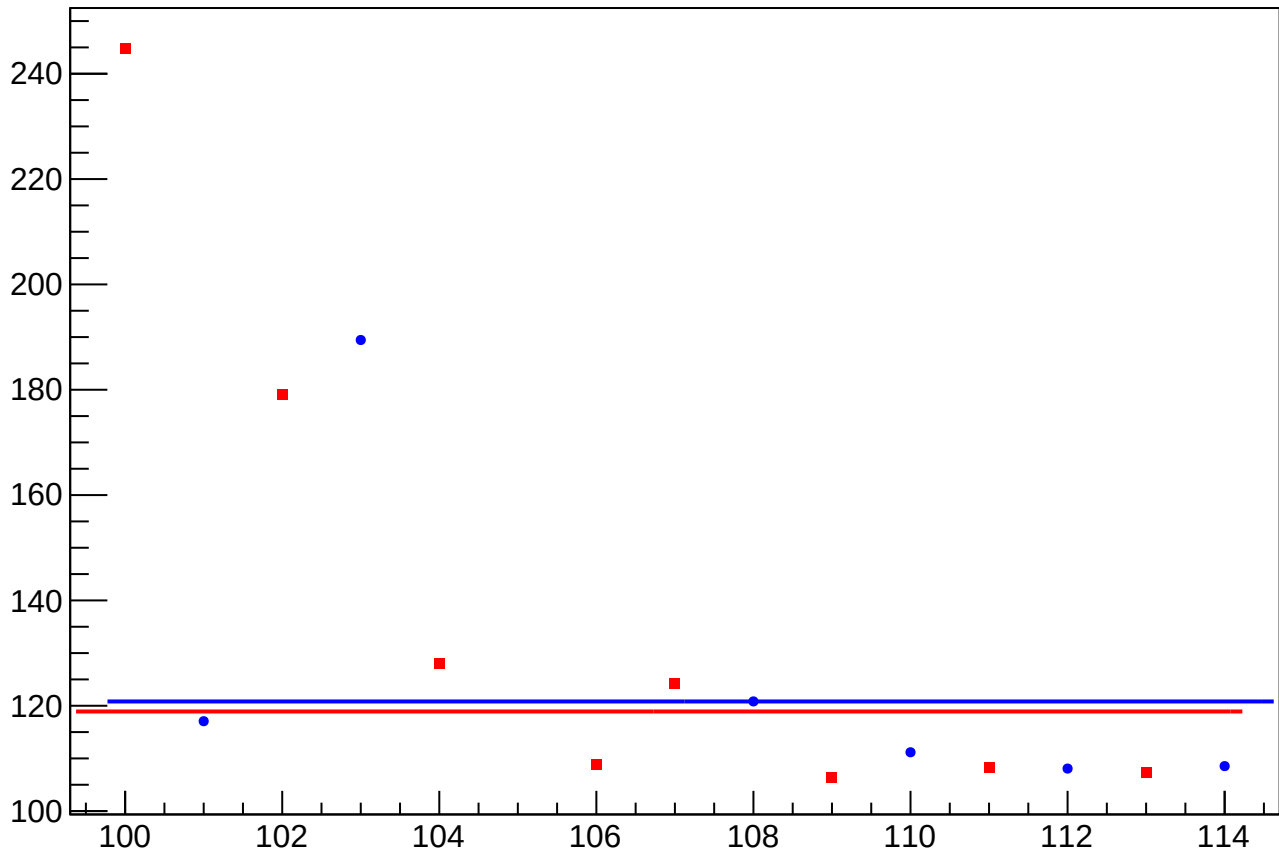
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.611 $\pm$ 50.995 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 120.814 $\pm$ 0.054 χ^2 /NDF: 178859.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.912 $\pm$ 0.048 χ^2 /NDF: 225359.2/7

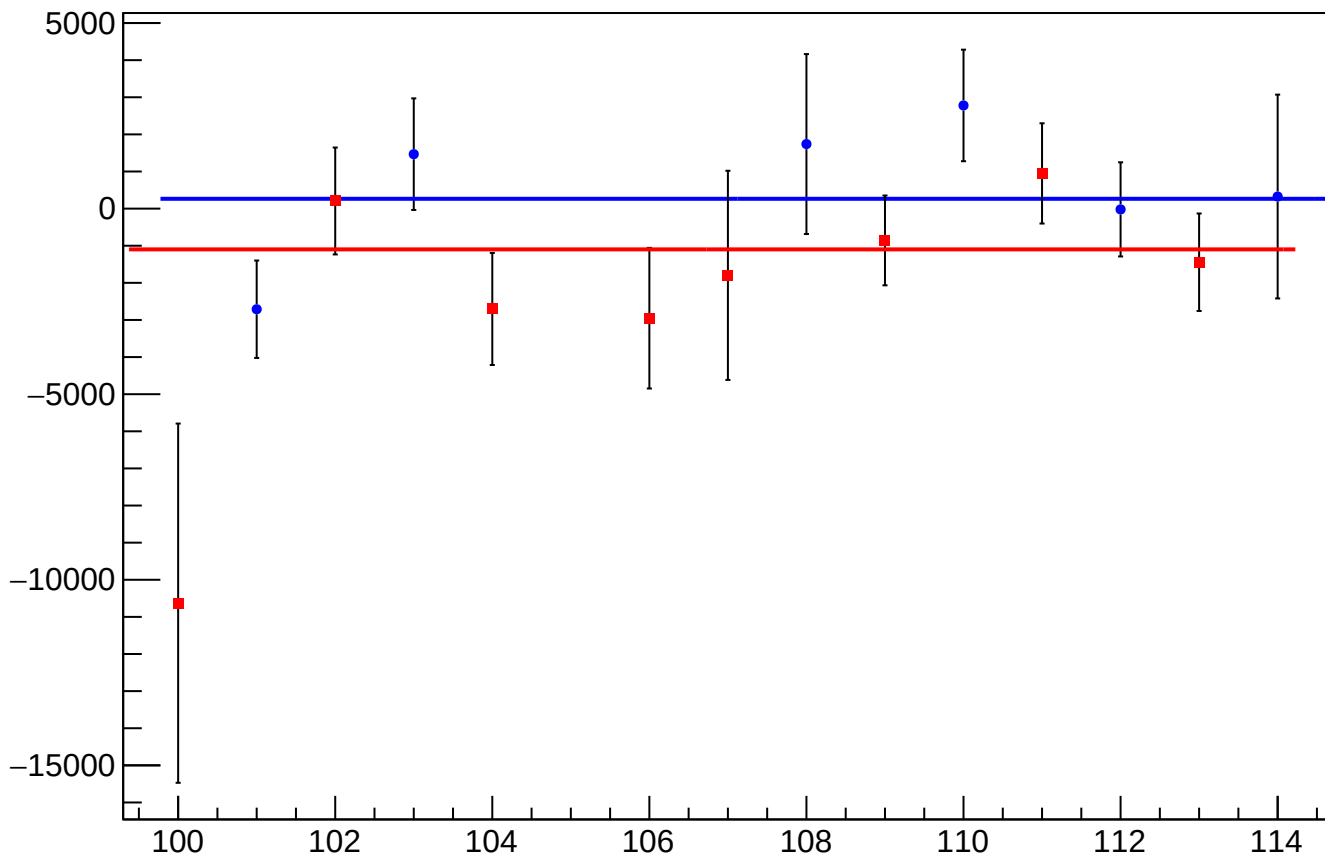
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.761 $\pm$ 0.036 χ^2 /NDF: 404906.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



Right In: 264.622 $\pm$ 646.854 χ^2/NDF : 9.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1098.453 $\pm$ 560.804 χ^2/NDF : 9.3/7

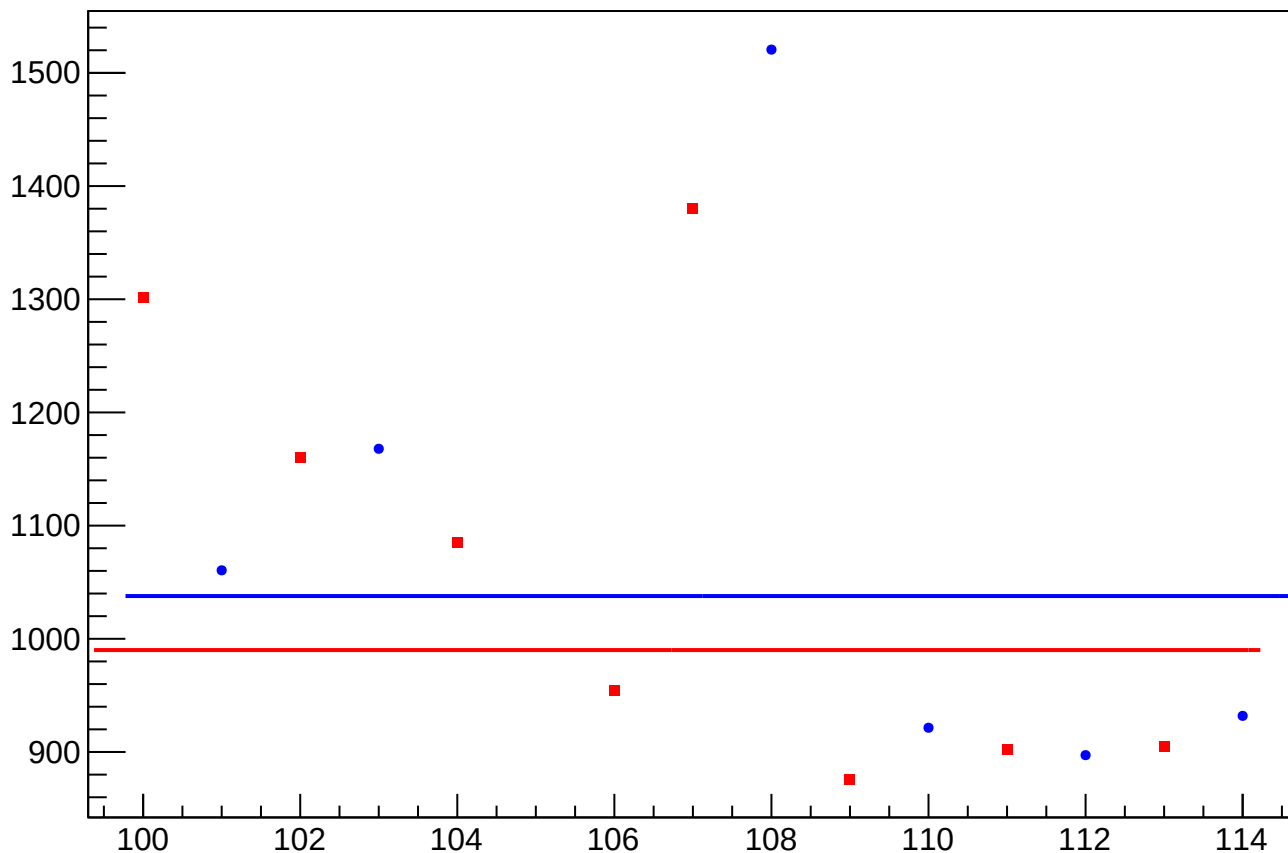
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -513.550 $\pm$ 423.730 χ^2/NDF : 20.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1037.773 $\pm$ 0.457 χ^2 /NDF: 134444.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 990.059 $\pm$ 0.397 χ^2 /NDF: 117890.7/7

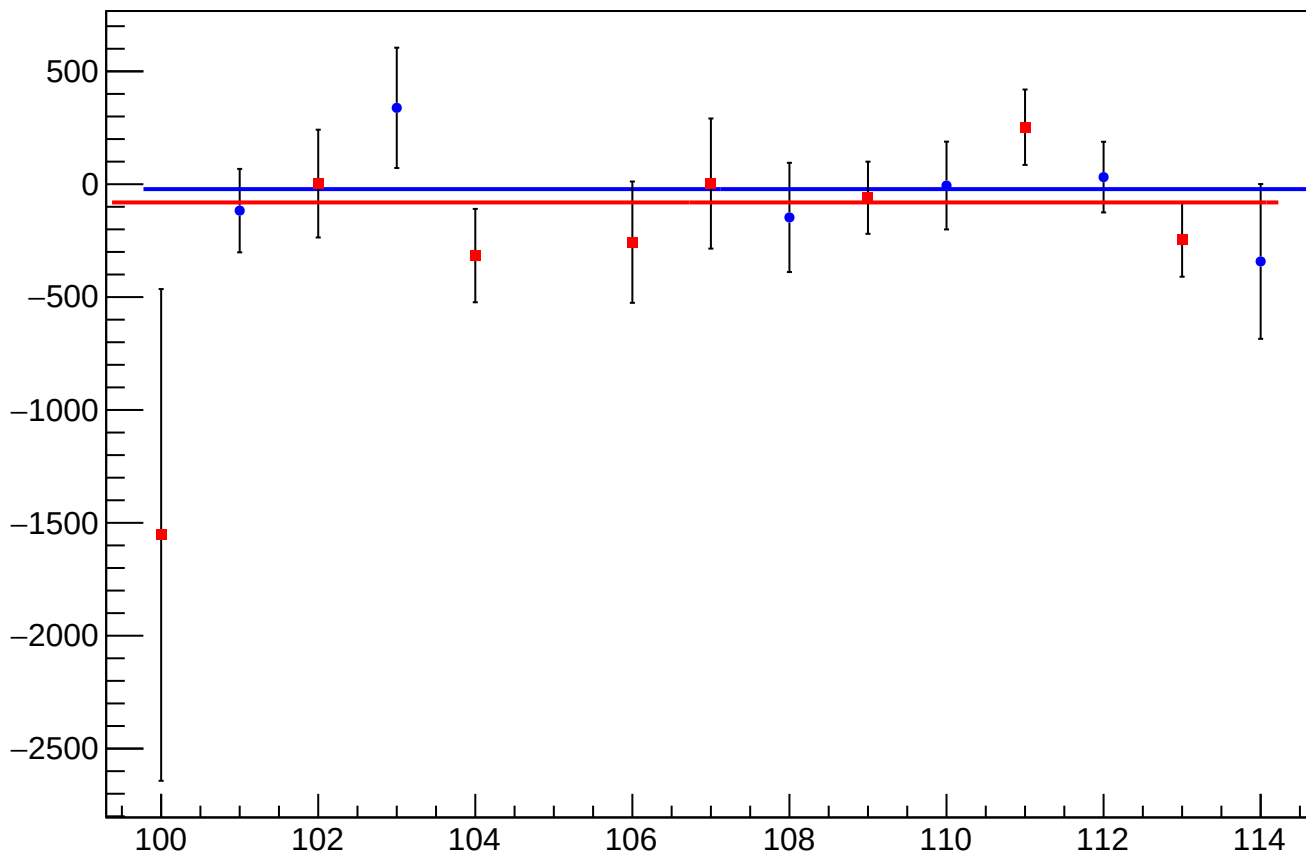
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1010.533 $\pm$ 0.300 χ^2 /NDF: 258548.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: -21.720 ± 85.683 χ^2/NDF : 3.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -80.743 ± 74.642 χ^2/NDF : 8.8/7

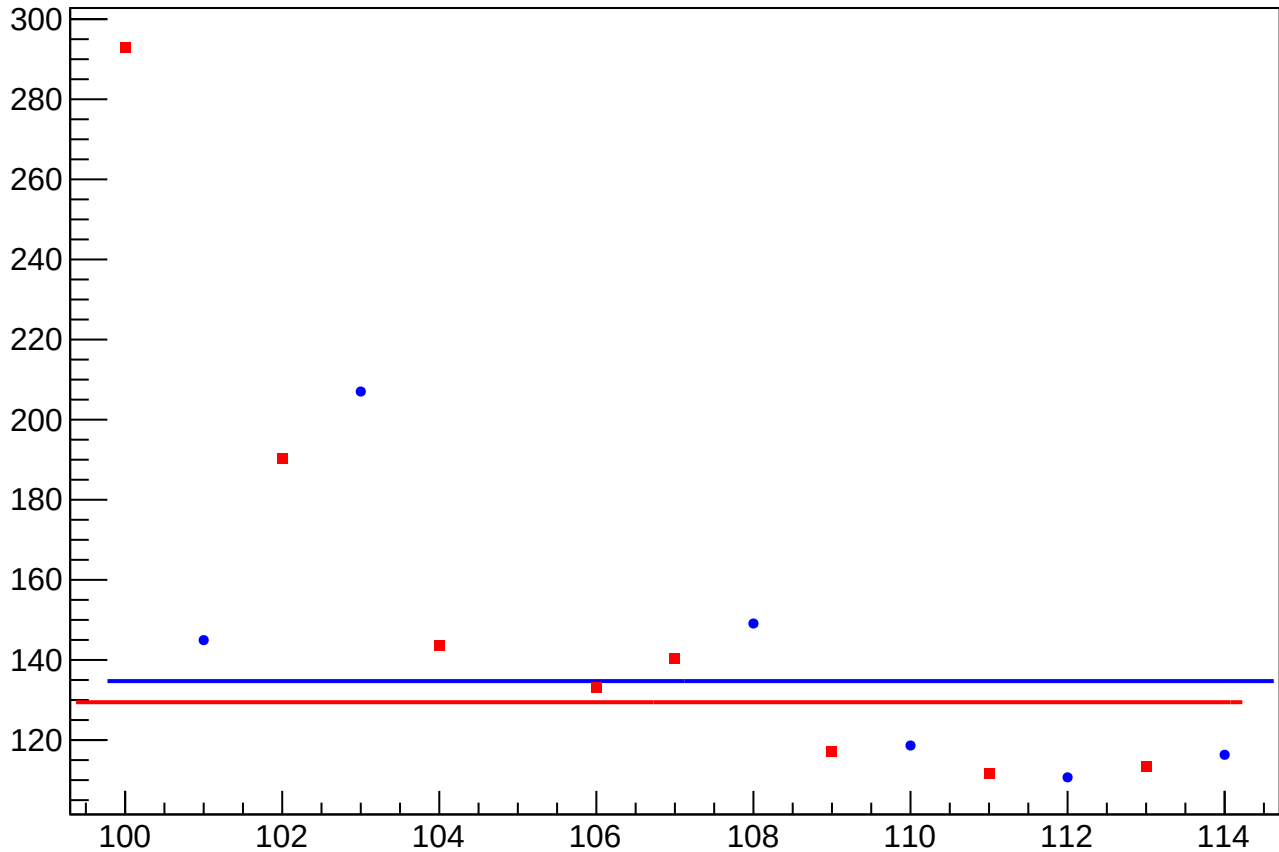
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.277 ± 56.282 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 134.723+/-0.061 χ^2/NDF : 226944.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.451+/-0.053 χ^2/NDF : 241285.0/7

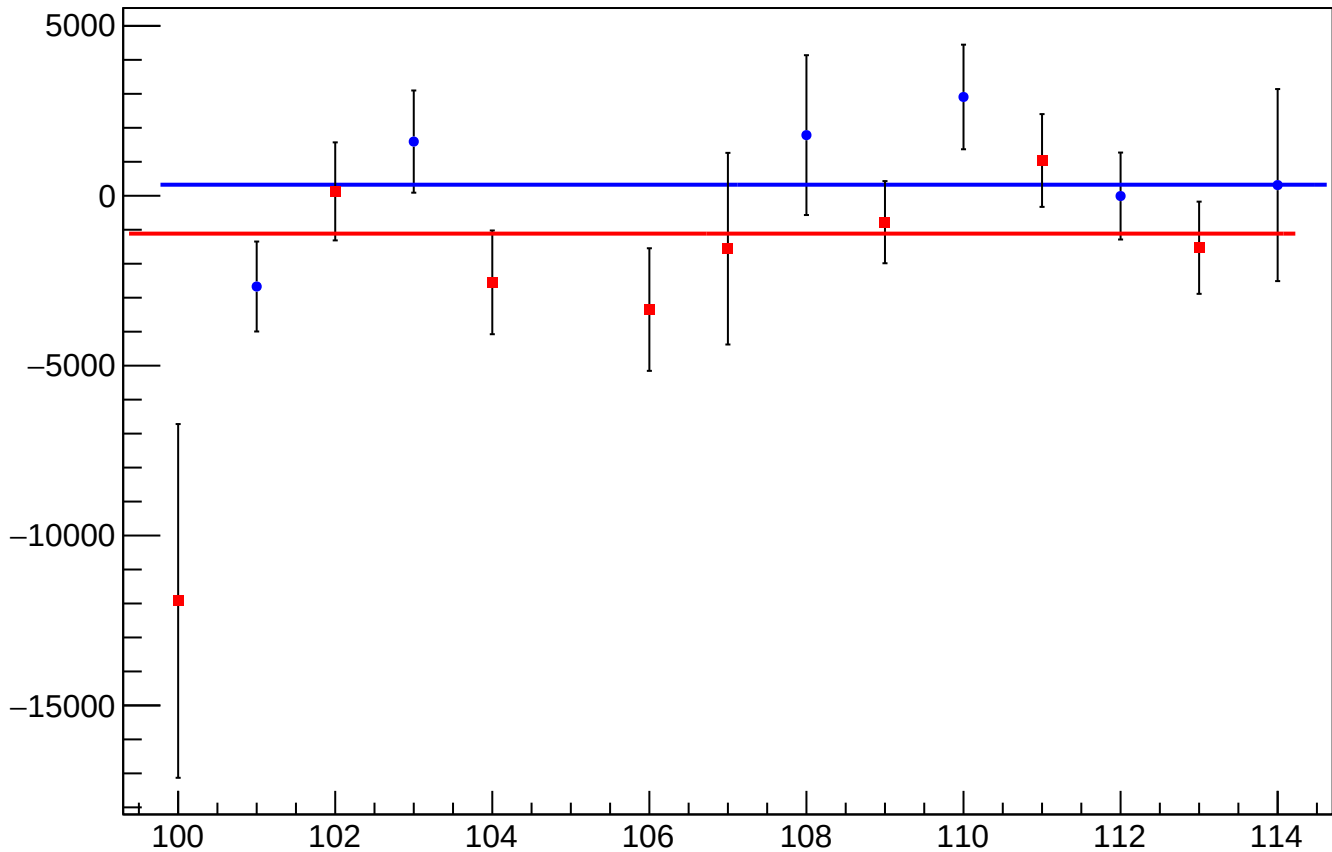
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.726+/-0.040 χ^2/NDF : 472534.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: 325.308 $\pm$ 652.090 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1114.303 $\pm$ 564.018 χ^2 /NDF: 10.2/7

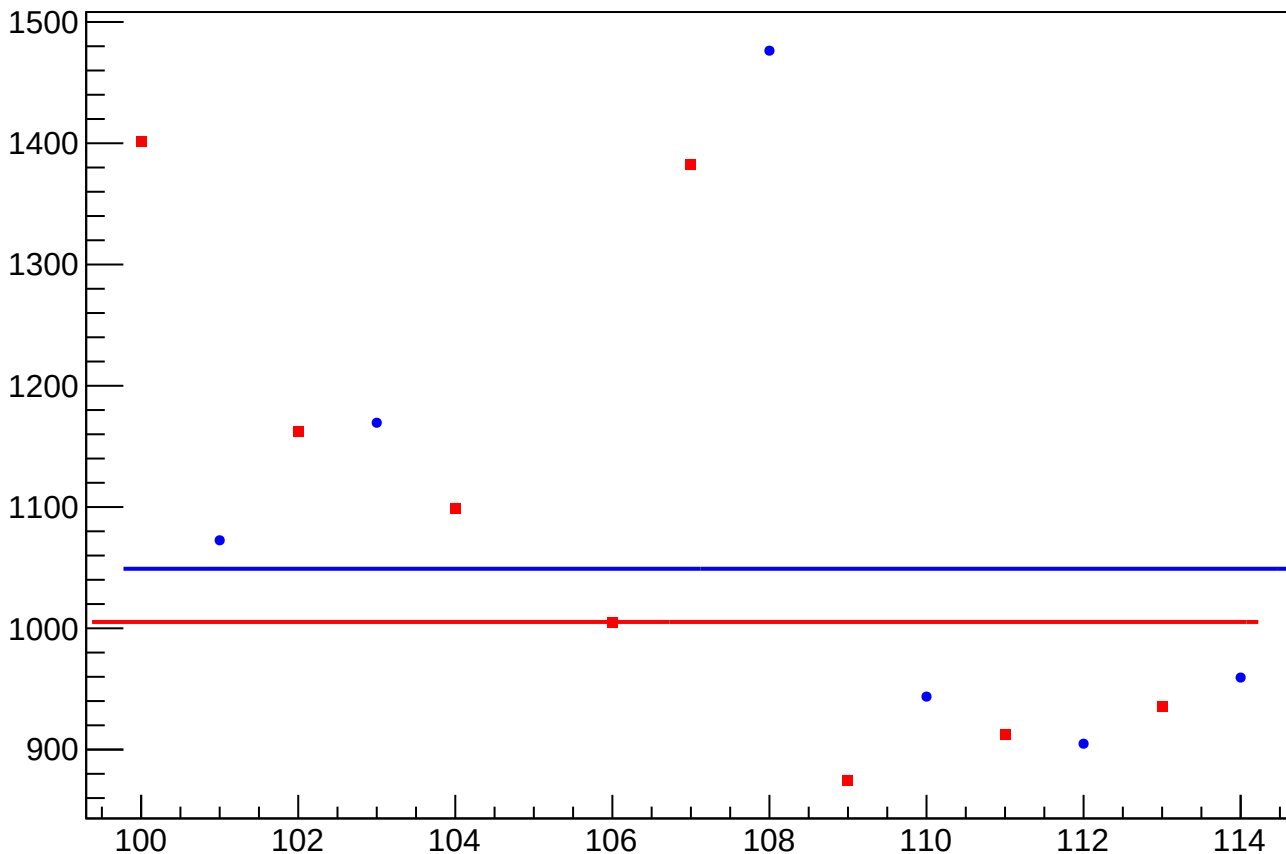
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -498.212 $\pm$ 426.587 χ^2 /NDF: 22.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1049.098 $\pm$ 0.461 χ^2 /NDF: 116266.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

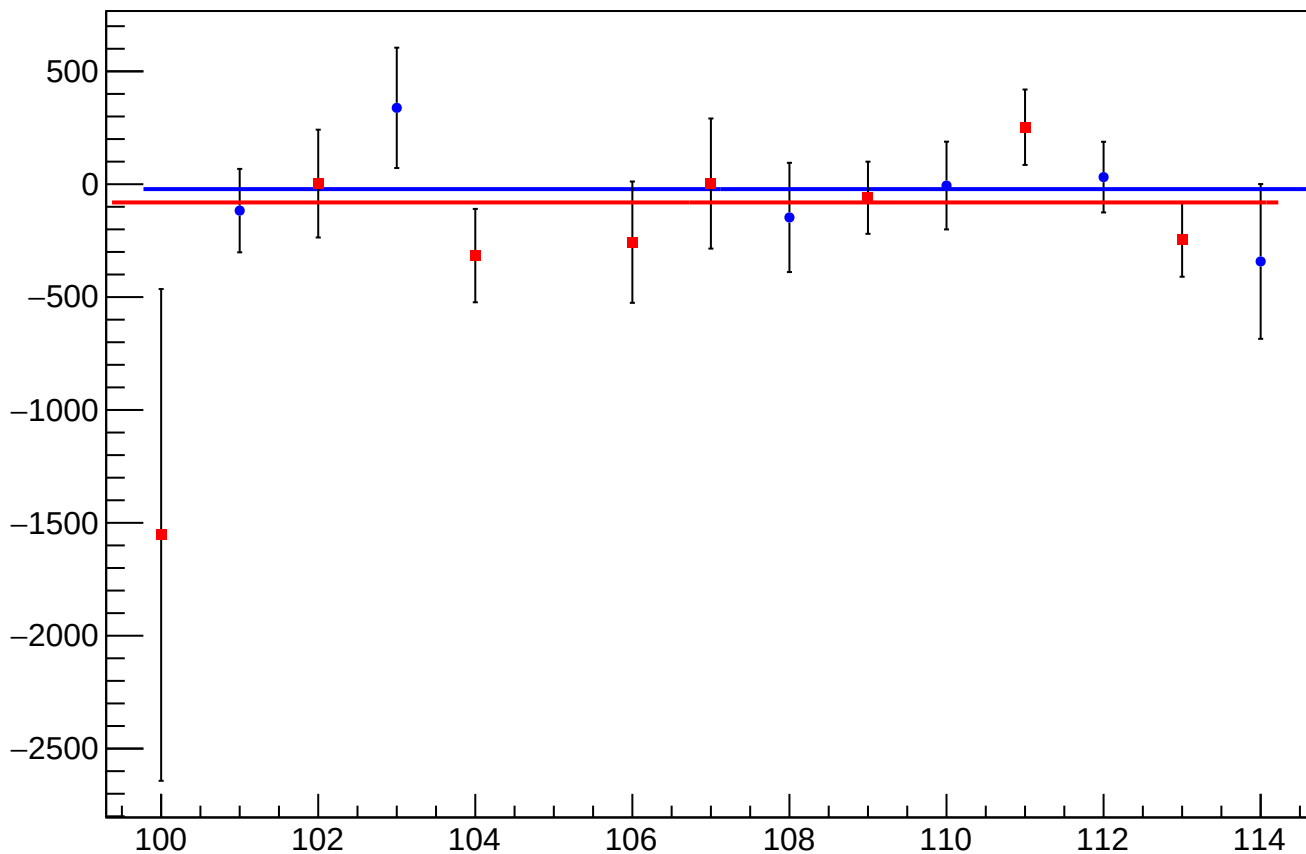
Right Out: 1005.238 $\pm$ 0.399 χ^2 /NDF: 116516.7/7

All: 1024.008 $\pm$ 0.302 χ^2 /NDF: 237959.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -21.720 ± 85.683 χ^2/NDF : 3.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -80.741 ± 74.642 χ^2/NDF : 8.8/7

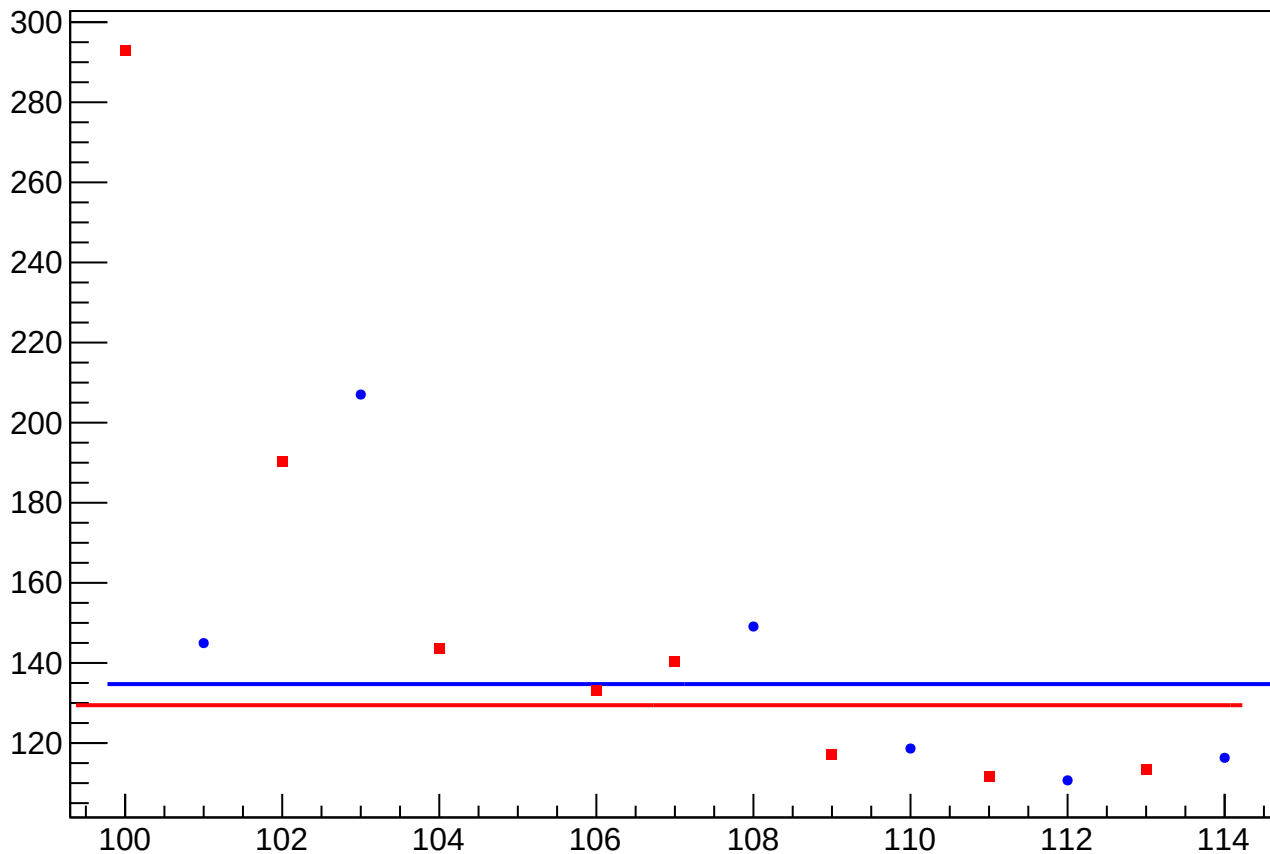
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.276 ± 56.282 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 134.723+/-0.061 χ^2/NDF : 226948.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.451+/-0.053 χ^2/NDF : 241287.1/7

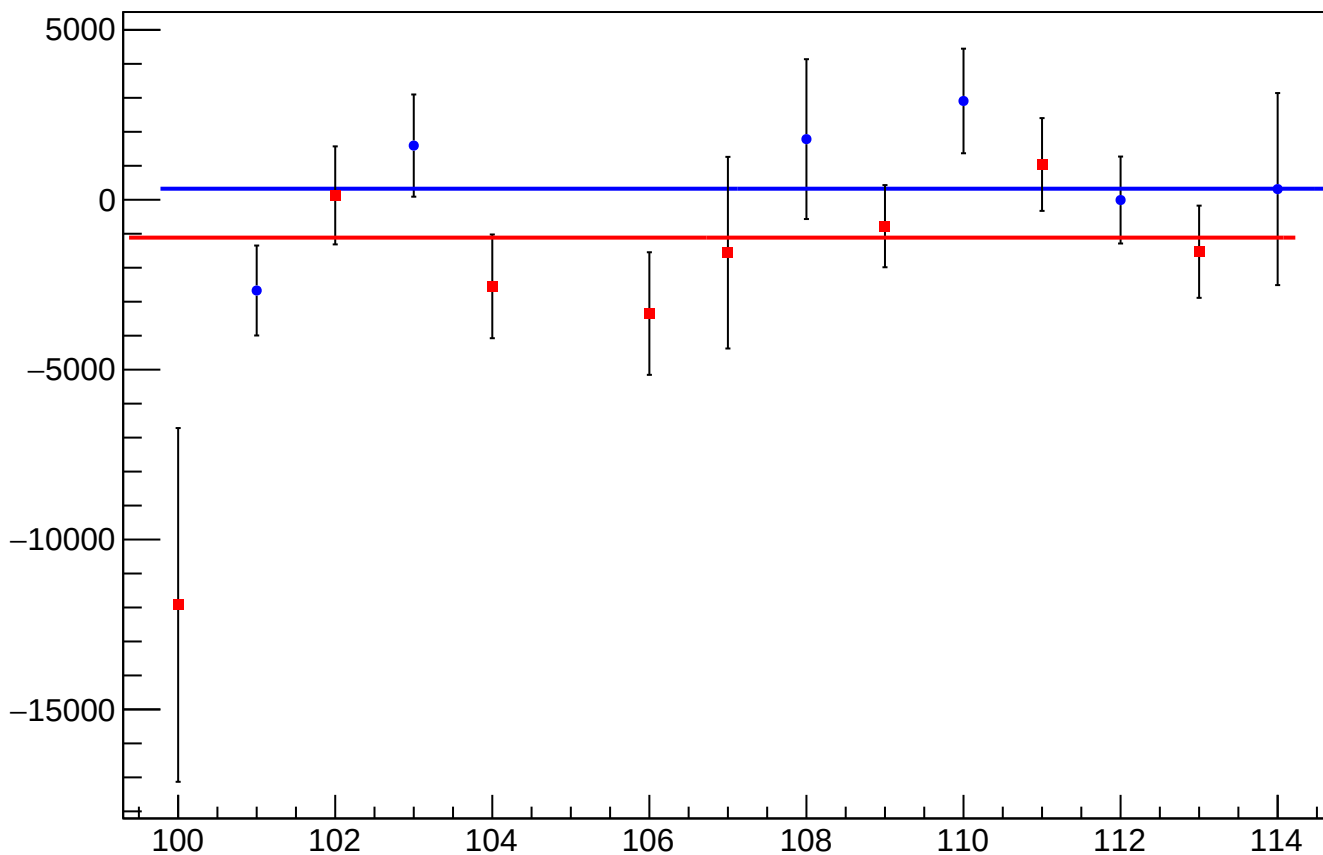
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.726+/-0.040 χ^2/NDF : 472541.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: 325.308 $\pm$ 652.089 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -1114.301 $\pm$ -564.018 χ^2 /NDF: 10.2/7

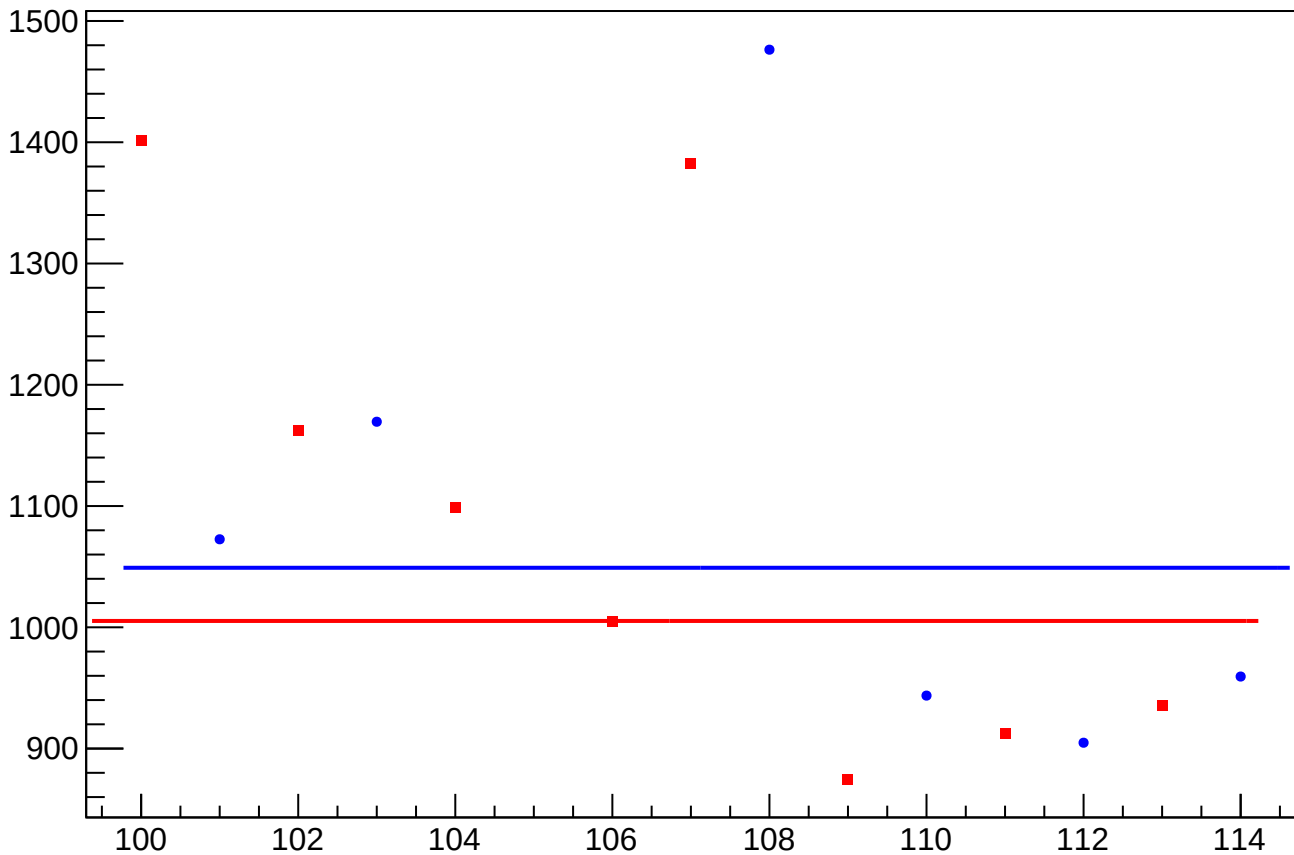
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -498.211 $\pm$ -426.586 χ^2 /NDF: 22.0/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1049.097 $\pm$ 0.461 χ^2 /NDF: 116267.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1005.236 $\pm$ 0.399 χ^2 /NDF: 116517.7/7

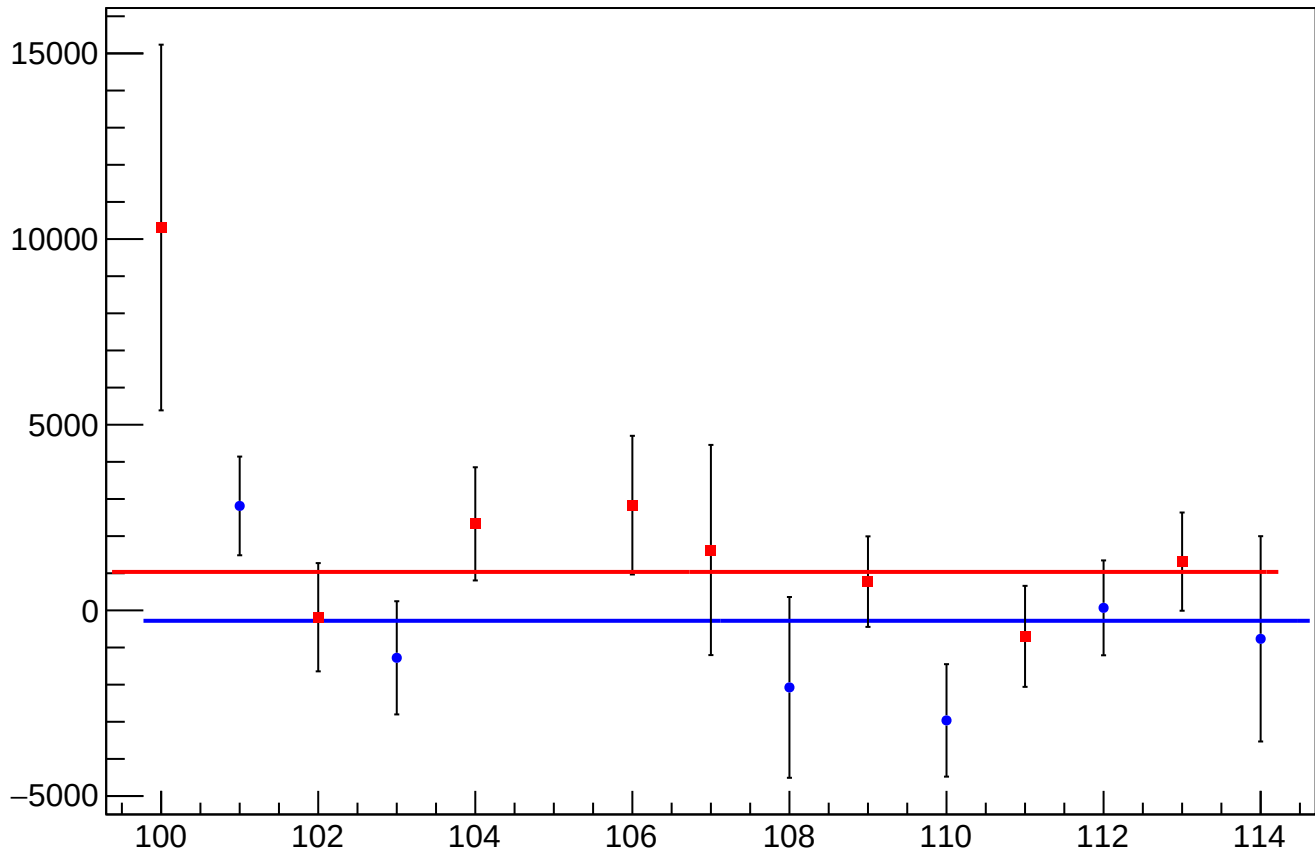
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1024.007 $\pm$ 0.302 χ^2 /NDF: 237961.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: -280.364+/-653.036 χ^2/NDF : 9.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.880+/-564.451 χ^2/NDF : 7.7/7

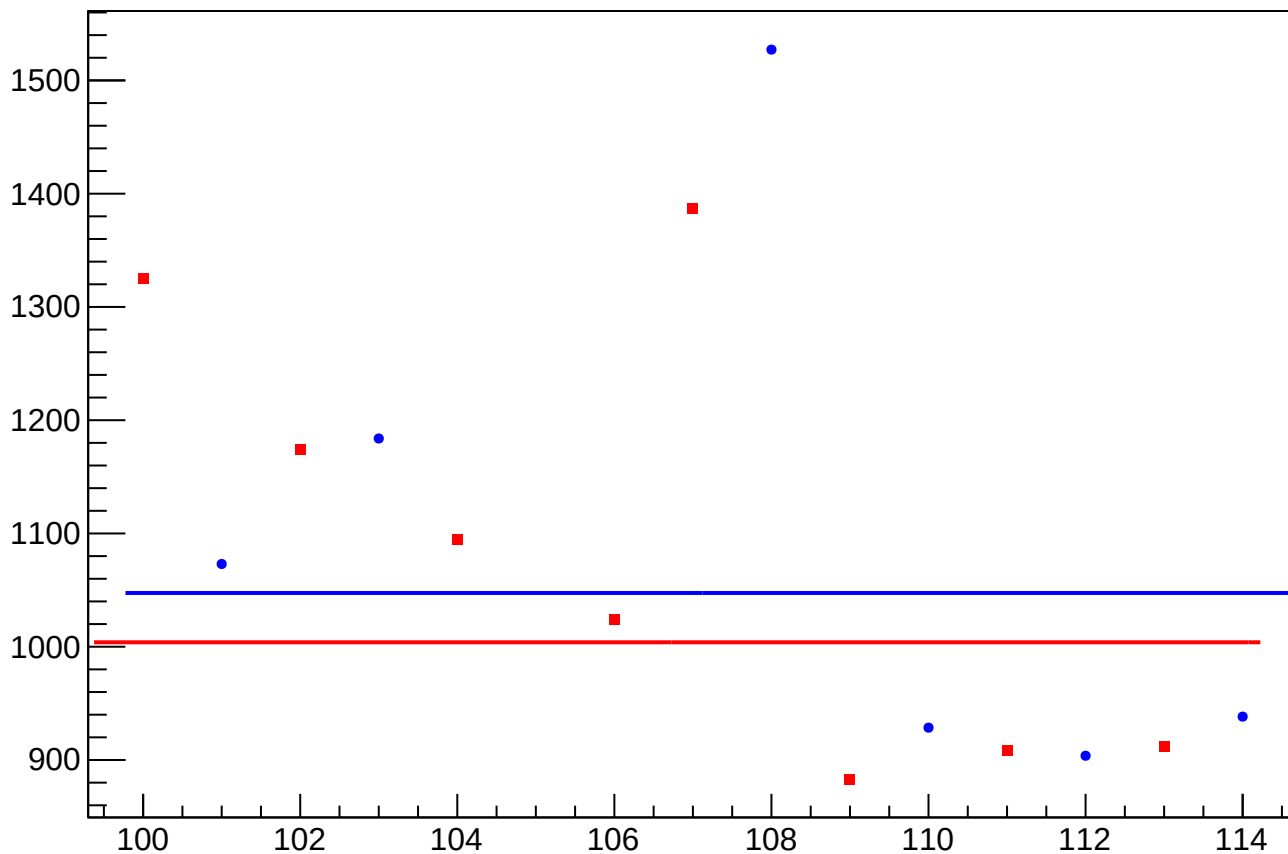
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.024+/-427.039 χ^2/NDF : 19.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1047.458 $\pm$ 0.462 χ^2 /NDF: 135178.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1003.924 $\pm$ 0.399 χ^2 /NDF: 118978.7/7

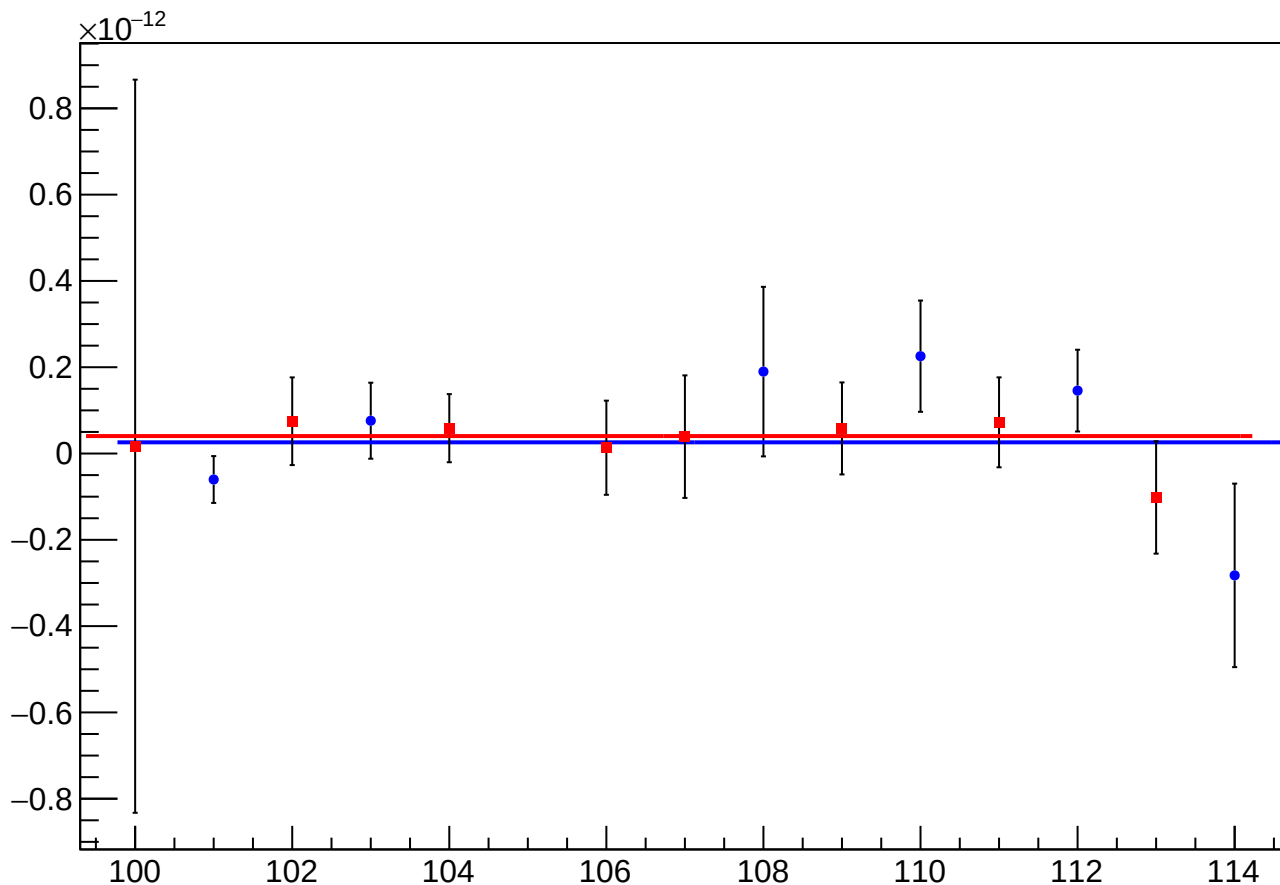
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1022.540 $\pm$ 0.302 χ^2 /NDF: 259244.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 9.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1.5/7

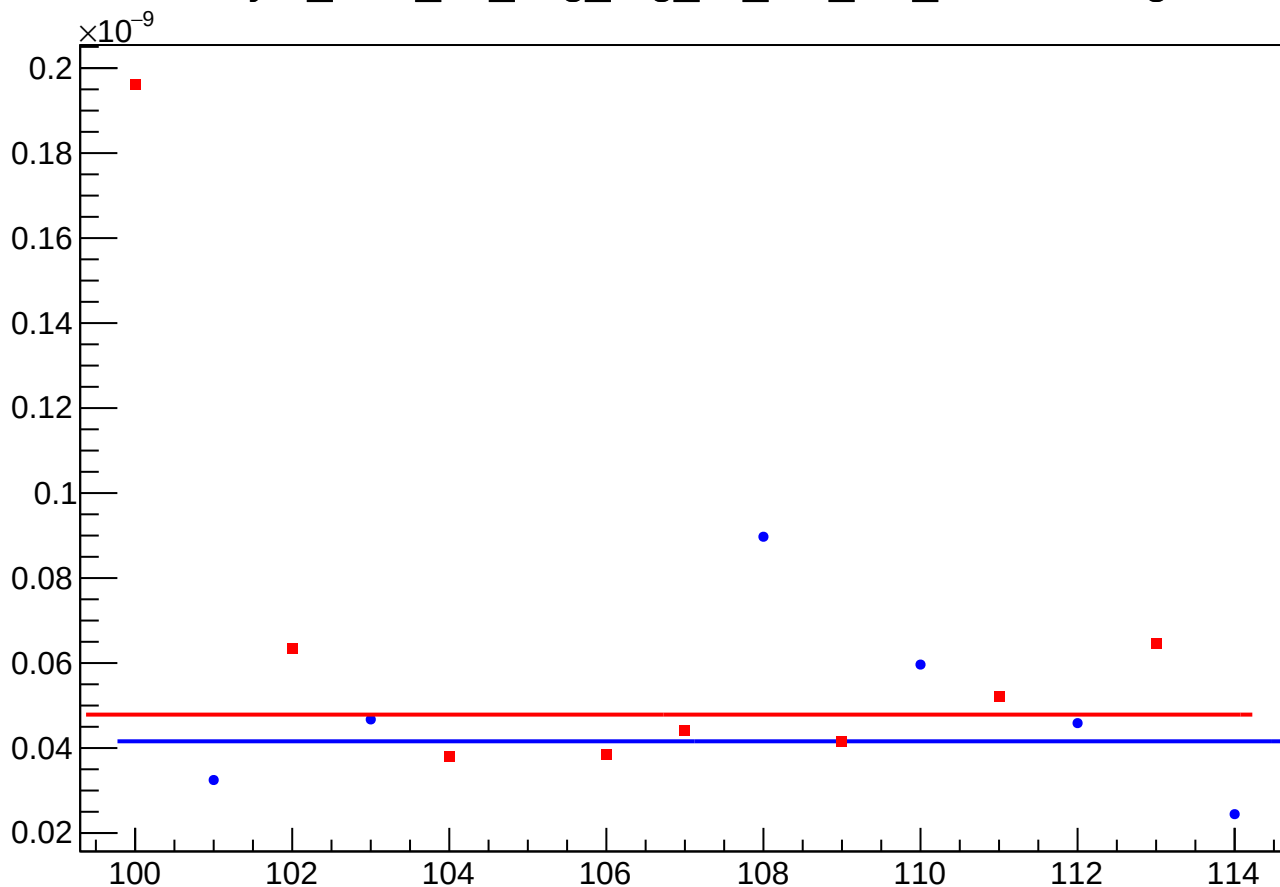
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 239549.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 199048.6/7

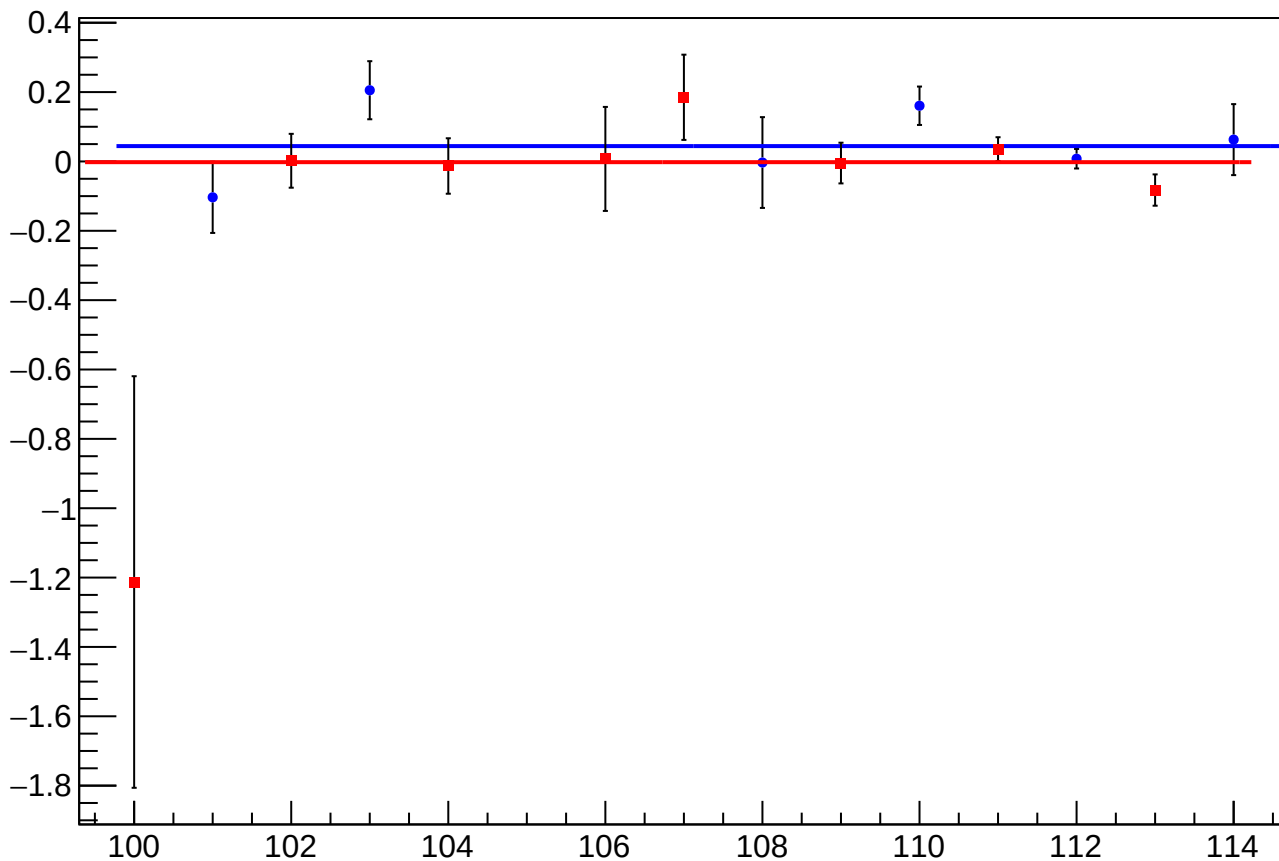
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 464570.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.044 ± 0.022 χ^2/NDF : 12.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.022 χ^2/NDF : 10.9/7

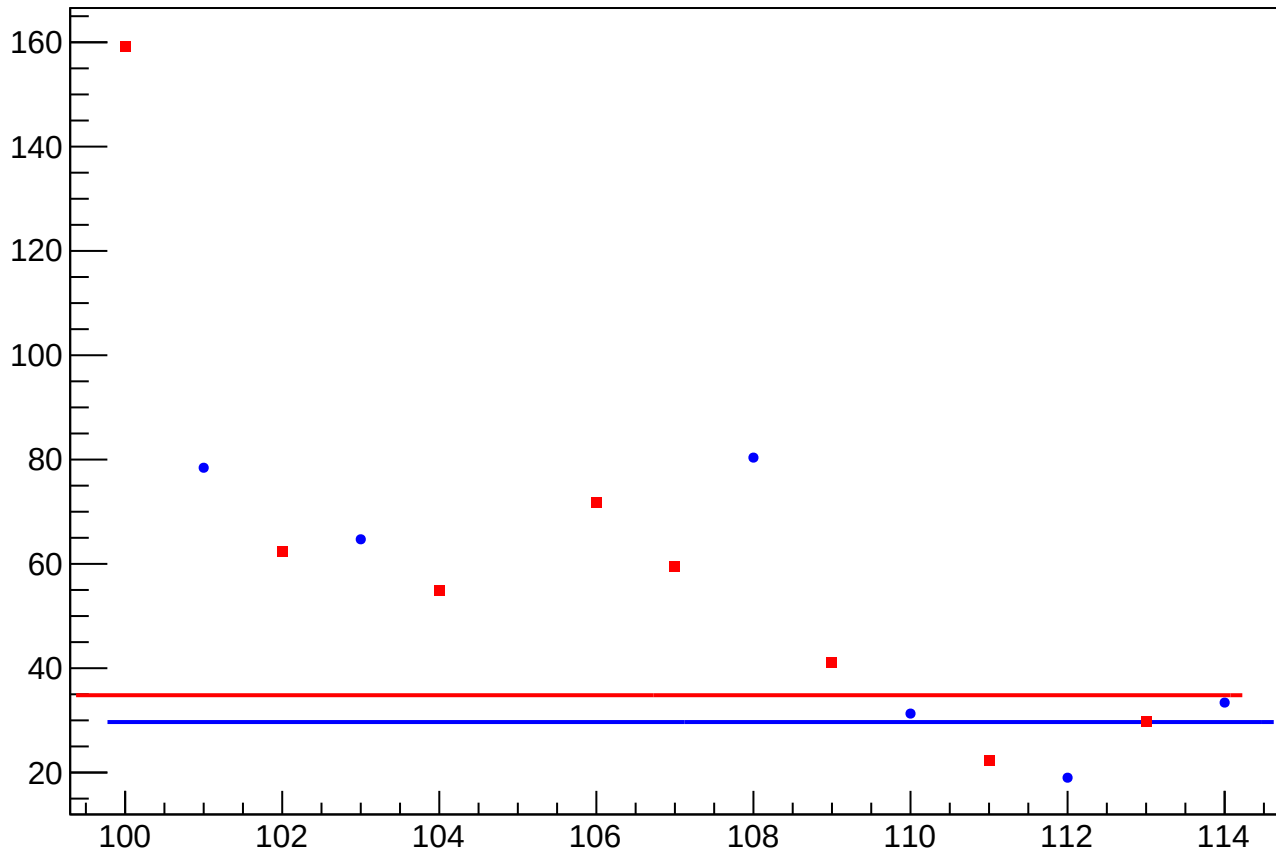
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.021 ± 0.016 χ^2/NDF : 25.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug



Right In: 29.677 $\pm$ 0.016 χ^2 /NDF: 1392238.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.821 $\pm$ 0.016 χ^2 /NDF: 983414.6/7

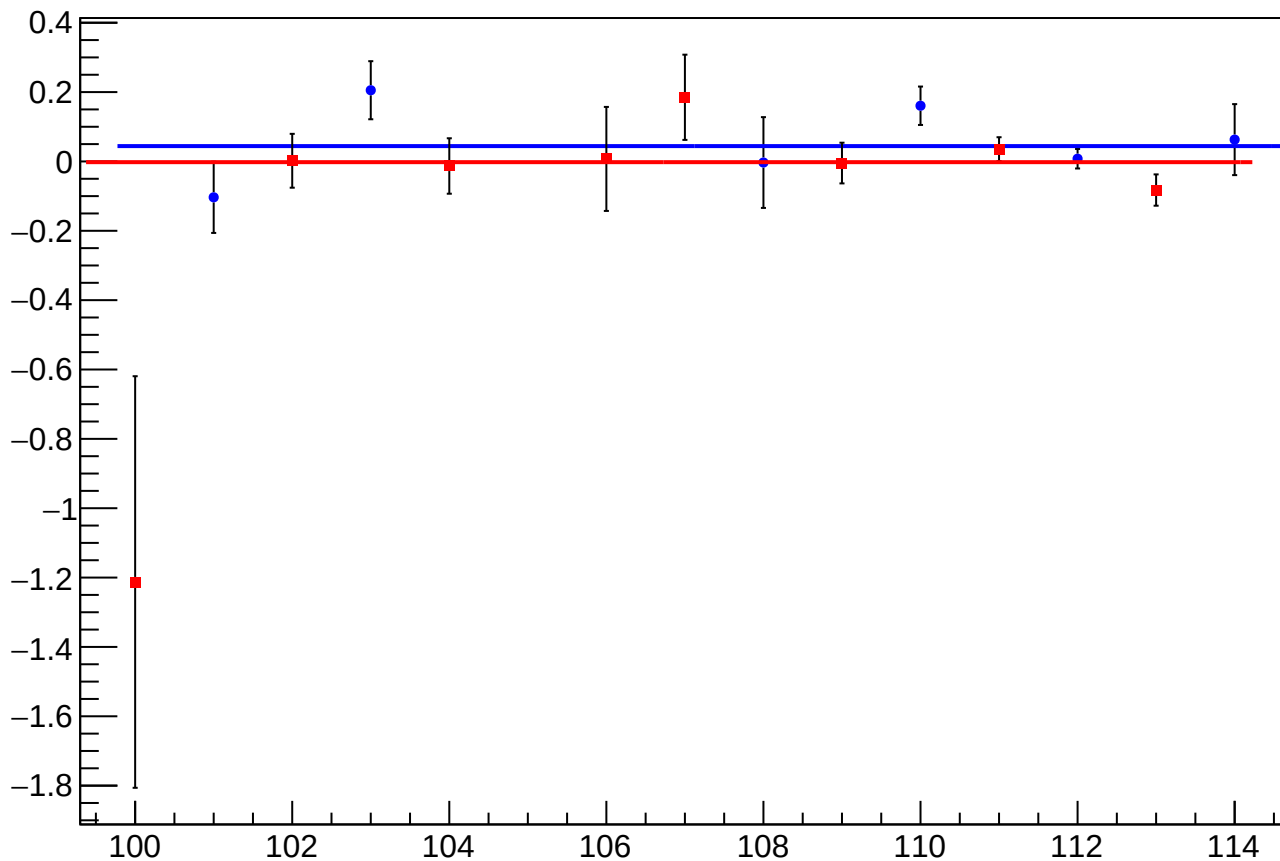
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.304 $\pm$ 0.011 χ^2 /NDF: 2429145.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.044 $\pm$ 0.022 χ^2 /NDF: 12.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.022 χ^2 /NDF: 10.9/7

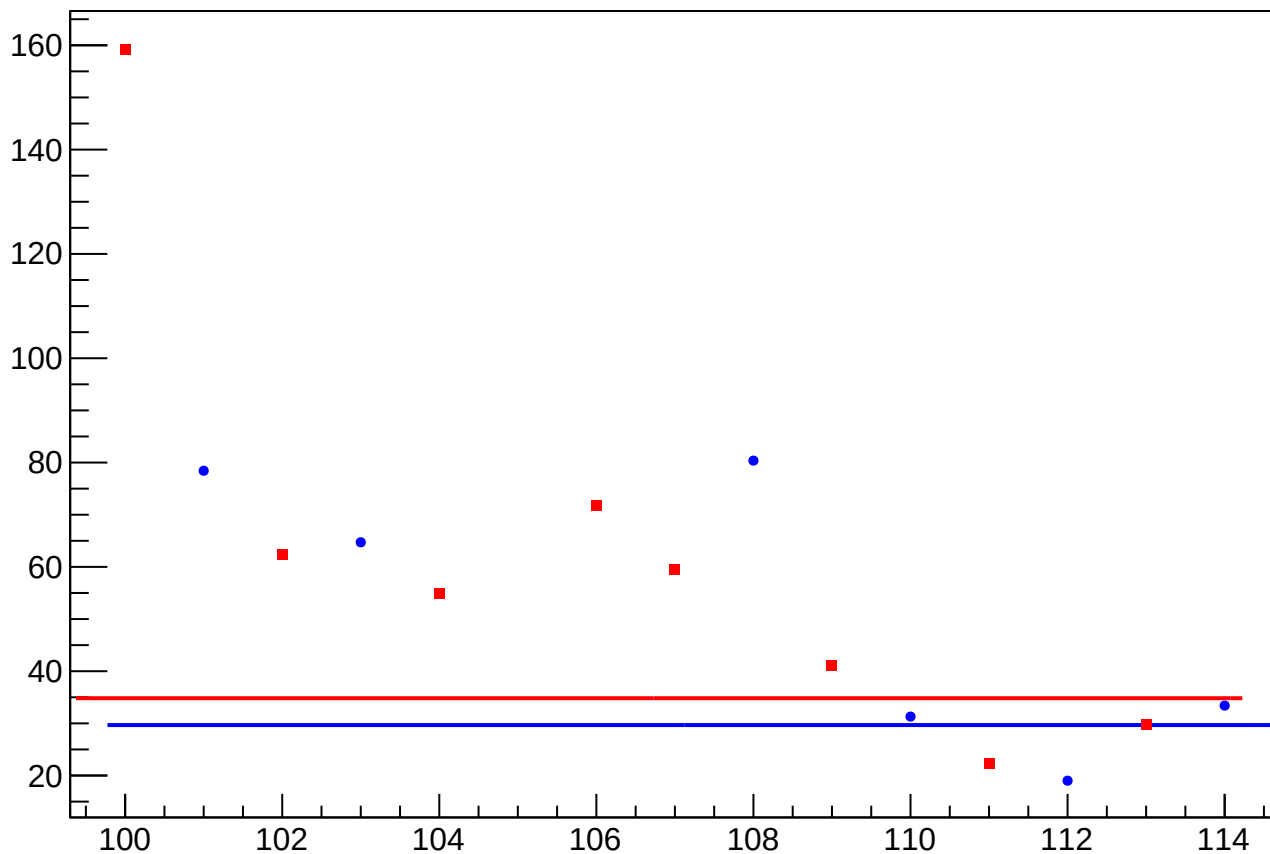
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.016 χ^2 /NDF: 25.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.677 $\pm$ 0.016 χ^2 /NDF: 1392238.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.821 $\pm$ 0.016 χ^2 /NDF: 983414.6/7

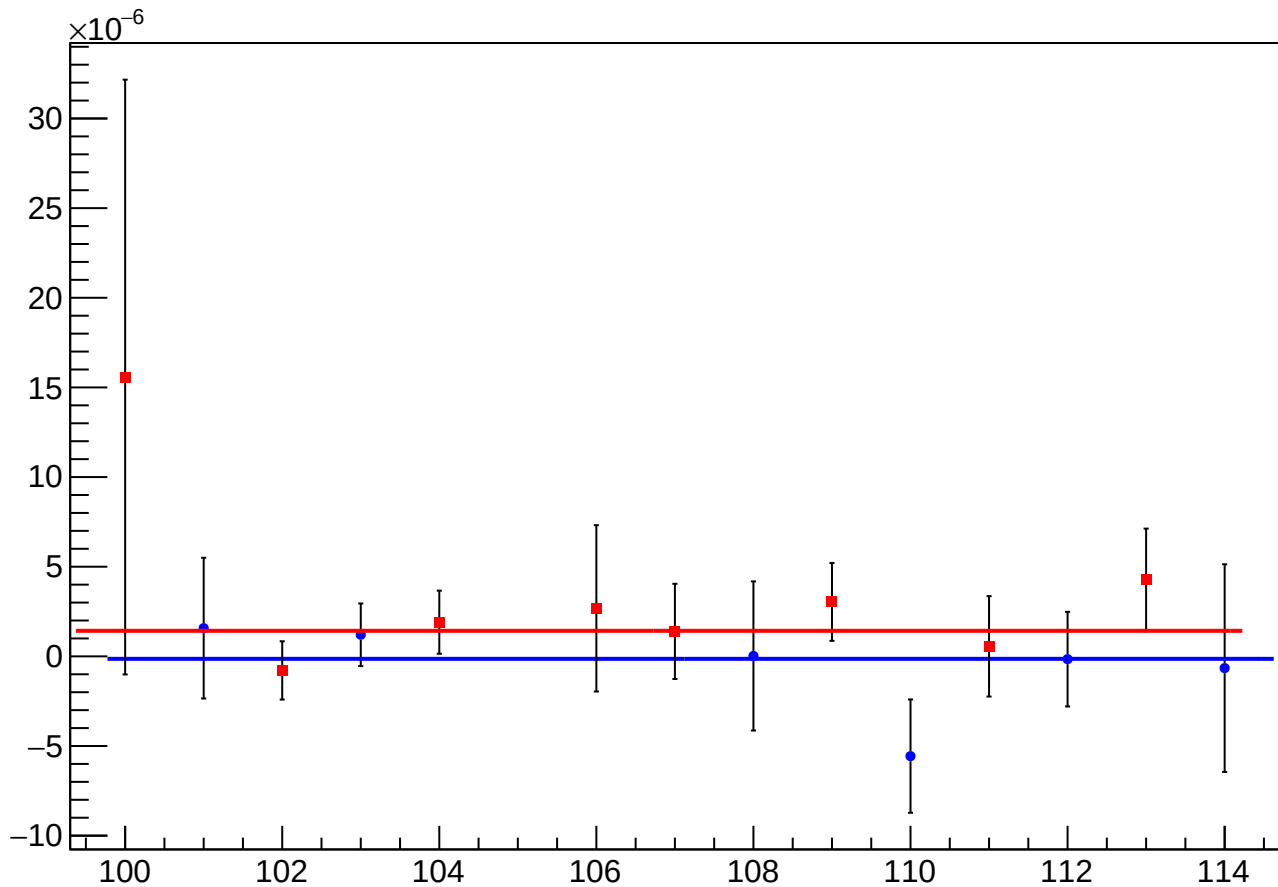
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.304 $\pm$ 0.011 χ^2 /NDF: 2429145.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/7

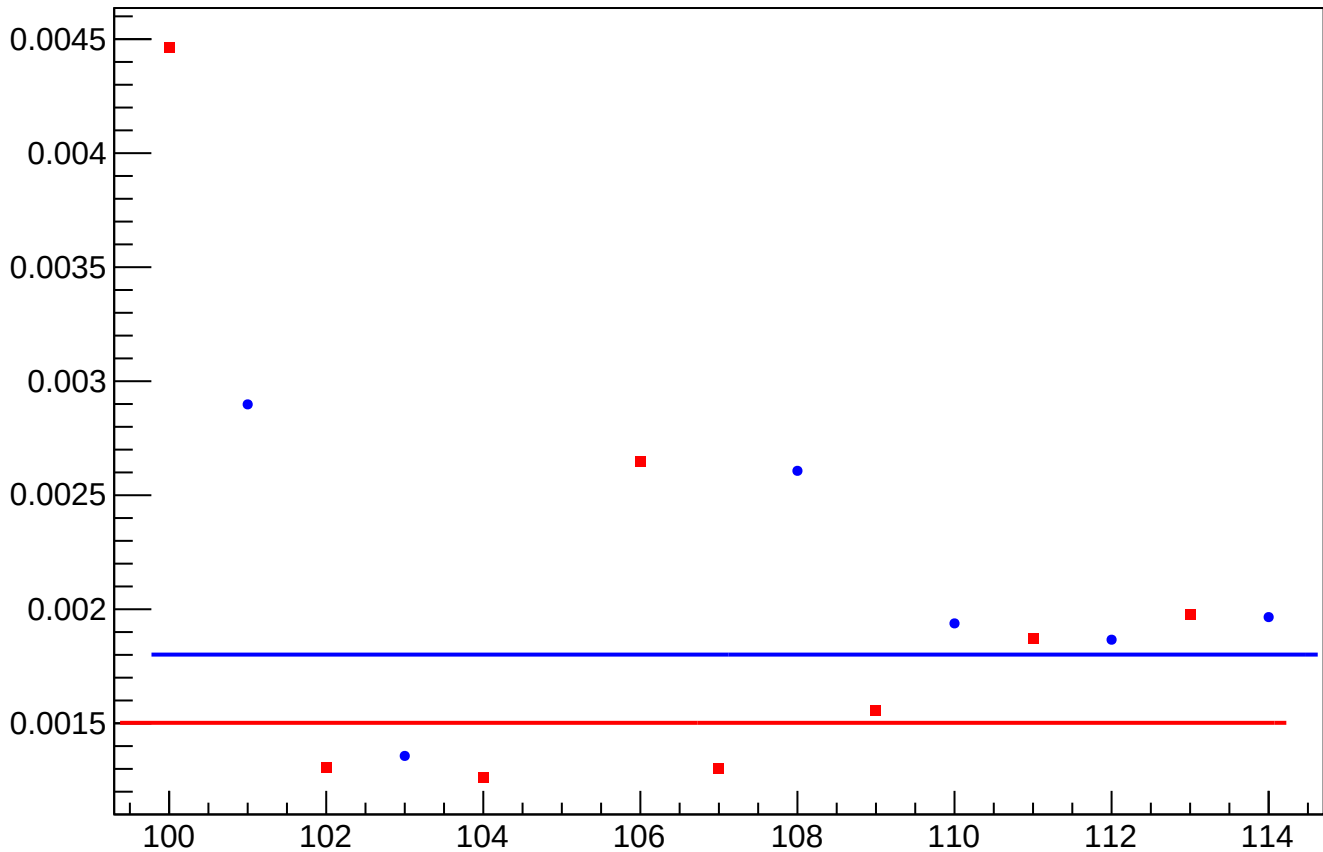
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 367543.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 353574.3/7

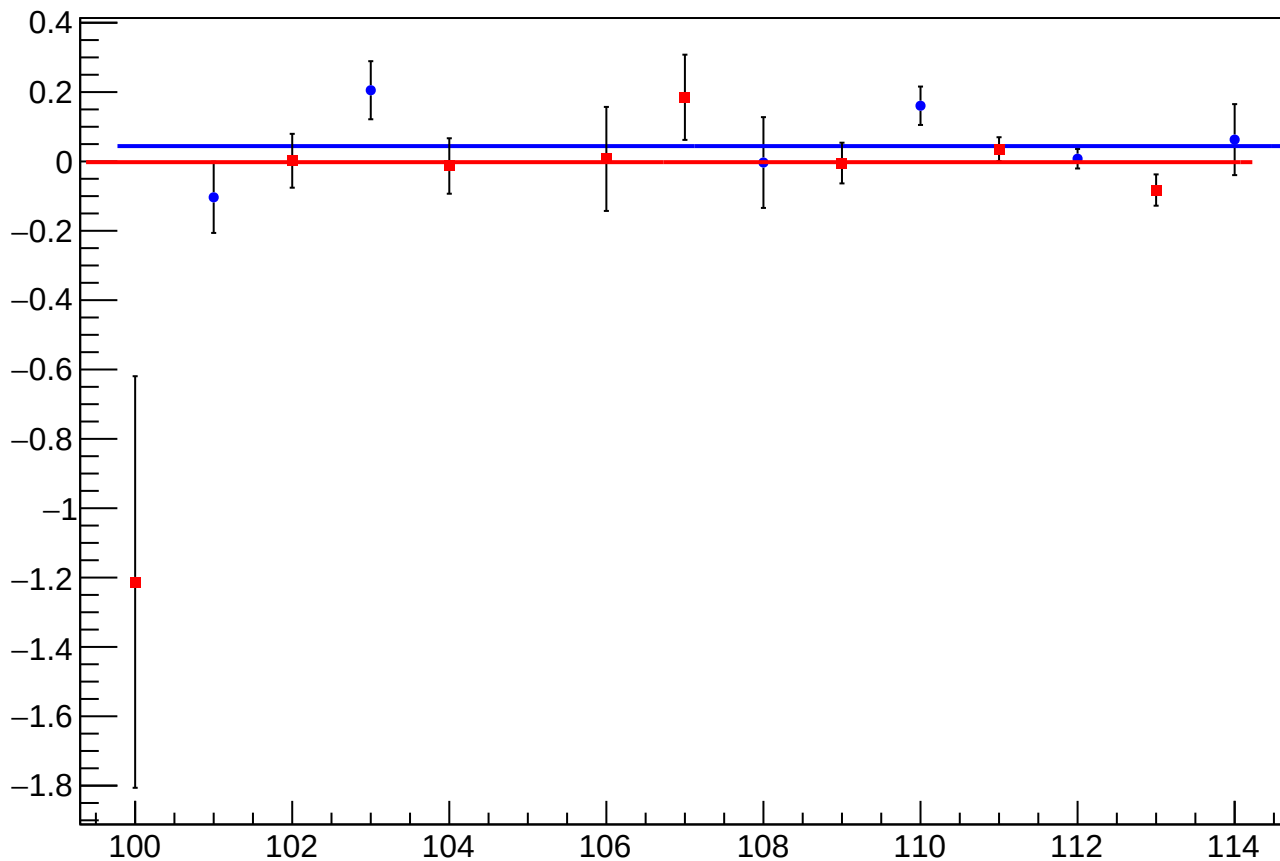
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 805619.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.044 $\pm$ 0.022 χ^2 /NDF: 12.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.022 χ^2 /NDF: 10.9/7

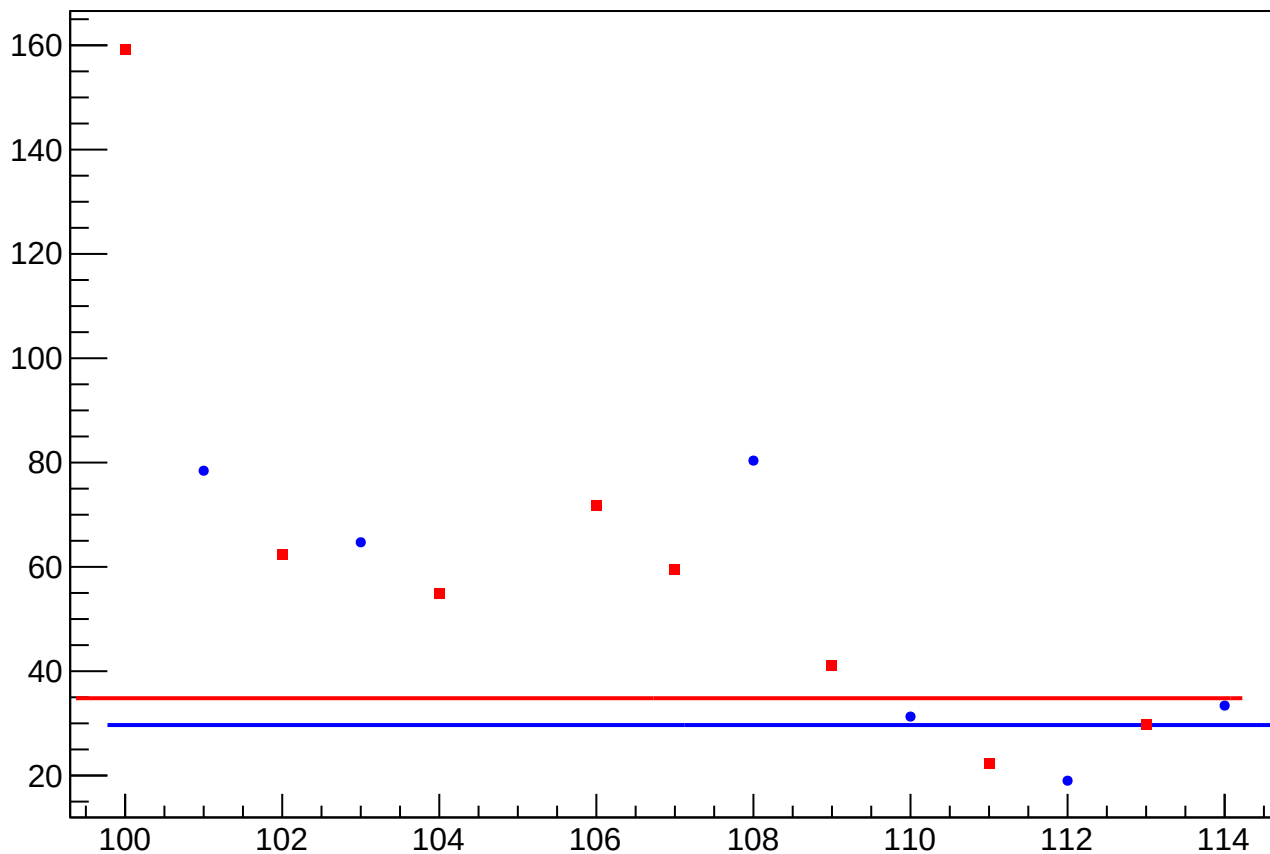
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.016 χ^2 /NDF: 25.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.677 $\pm$ 0.016 χ^2 /NDF: 1392305.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.820 $\pm$ 0.016 χ^2 /NDF: 983486.9/7

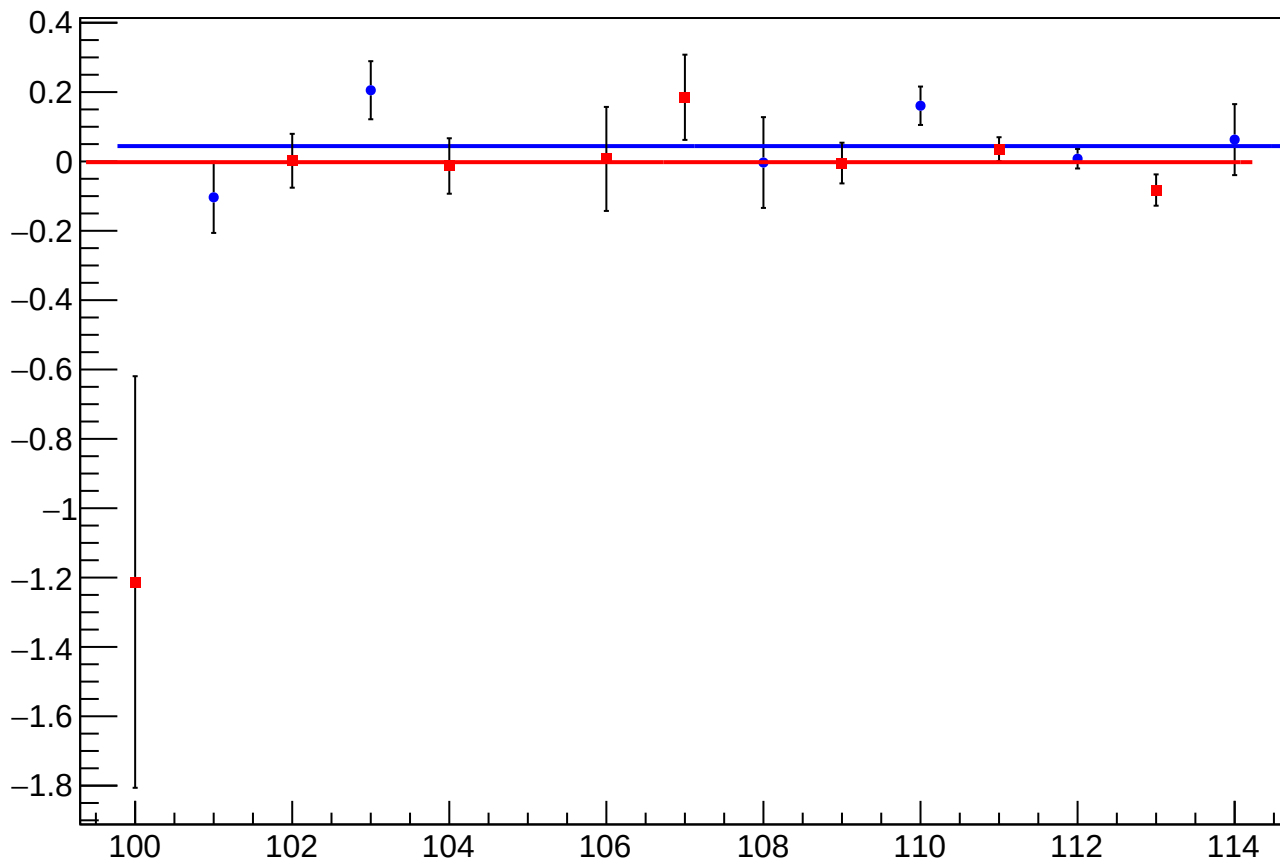
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.303 $\pm$ 0.011 χ^2 /NDF: 2429284.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.044 $\pm$ 0.022 χ^2 /NDF: 12.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.022 χ^2 /NDF: 10.9/7

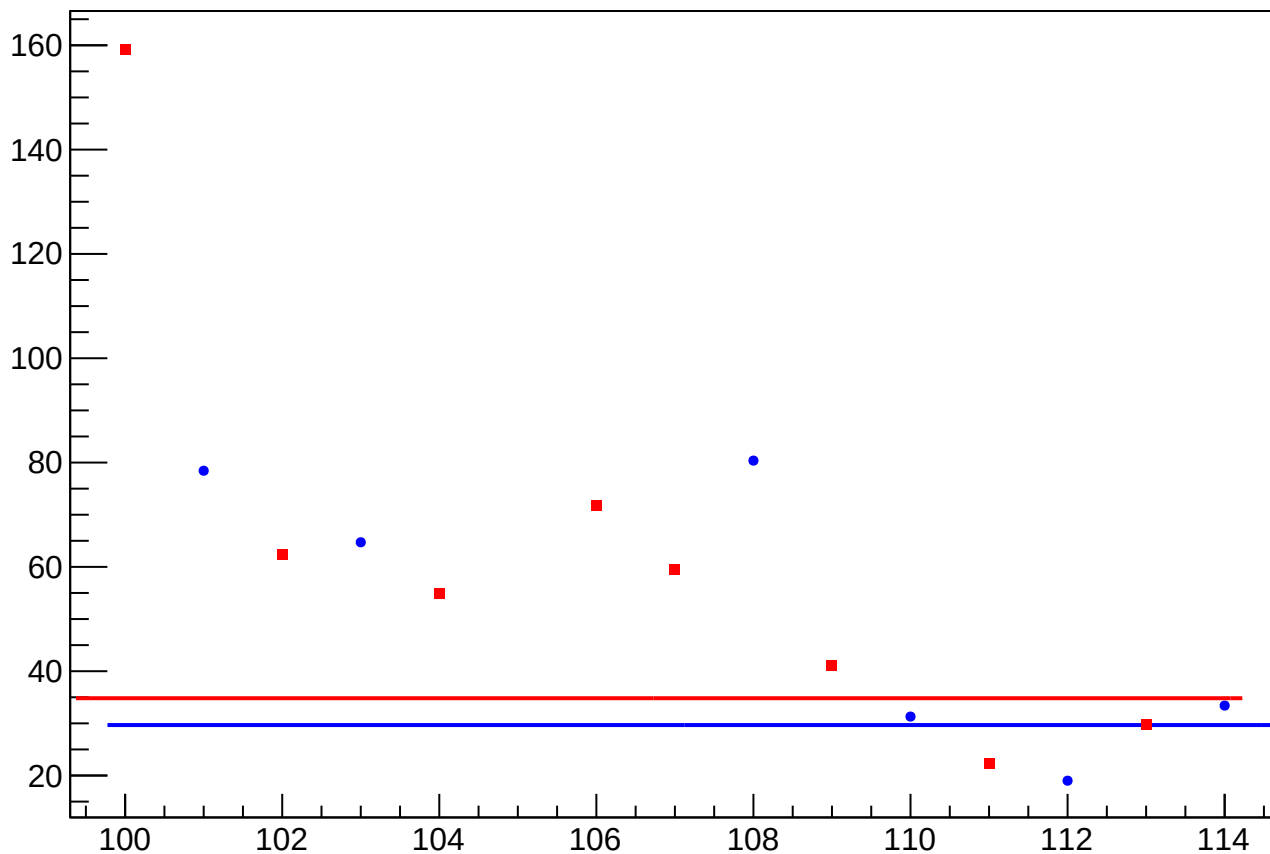
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.016 χ^2 /NDF: 25.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.677+/-0.016 χ^2/NDF : 1392305.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.820+/-0.016 χ^2/NDF : 983486.9/7

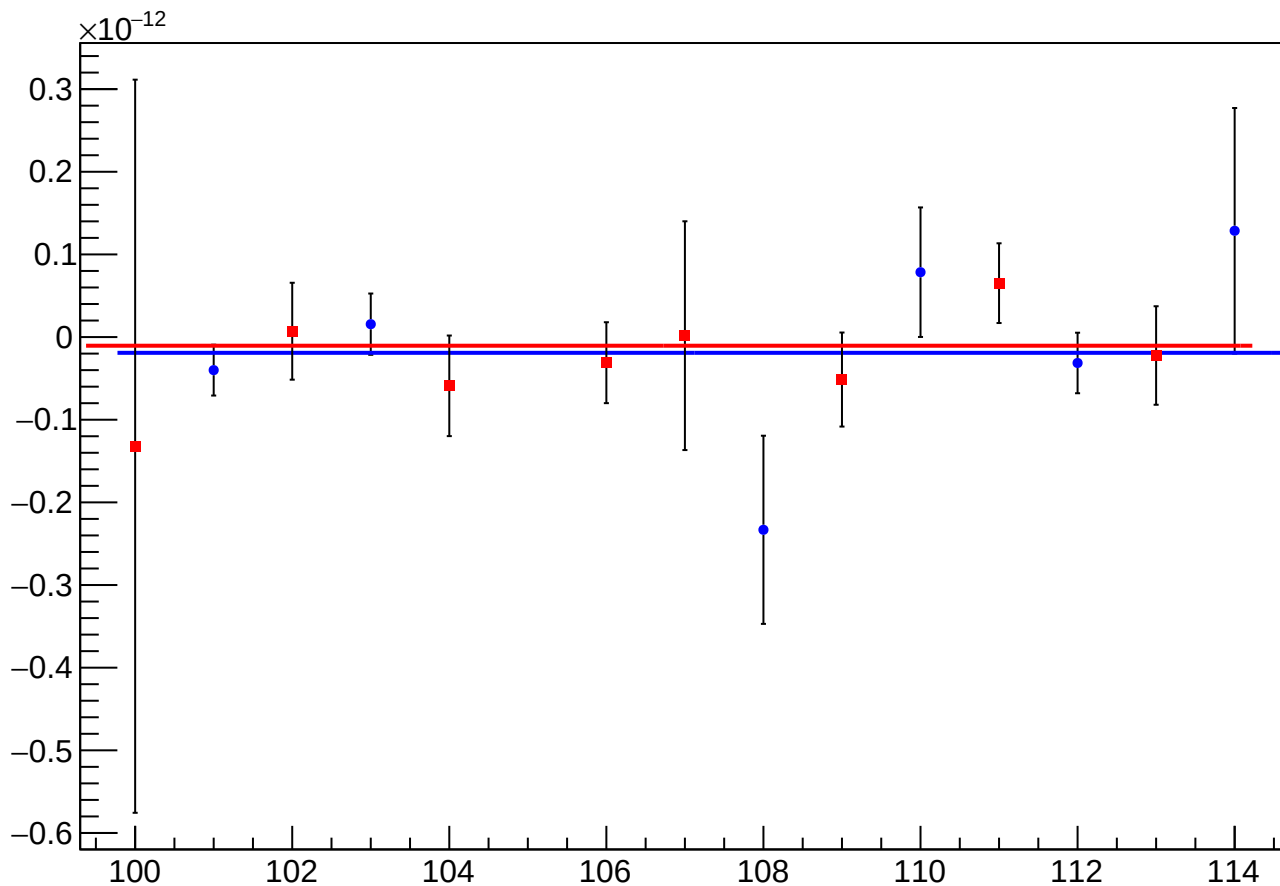
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.303+/-0.011 χ^2/NDF : 2429284.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/7

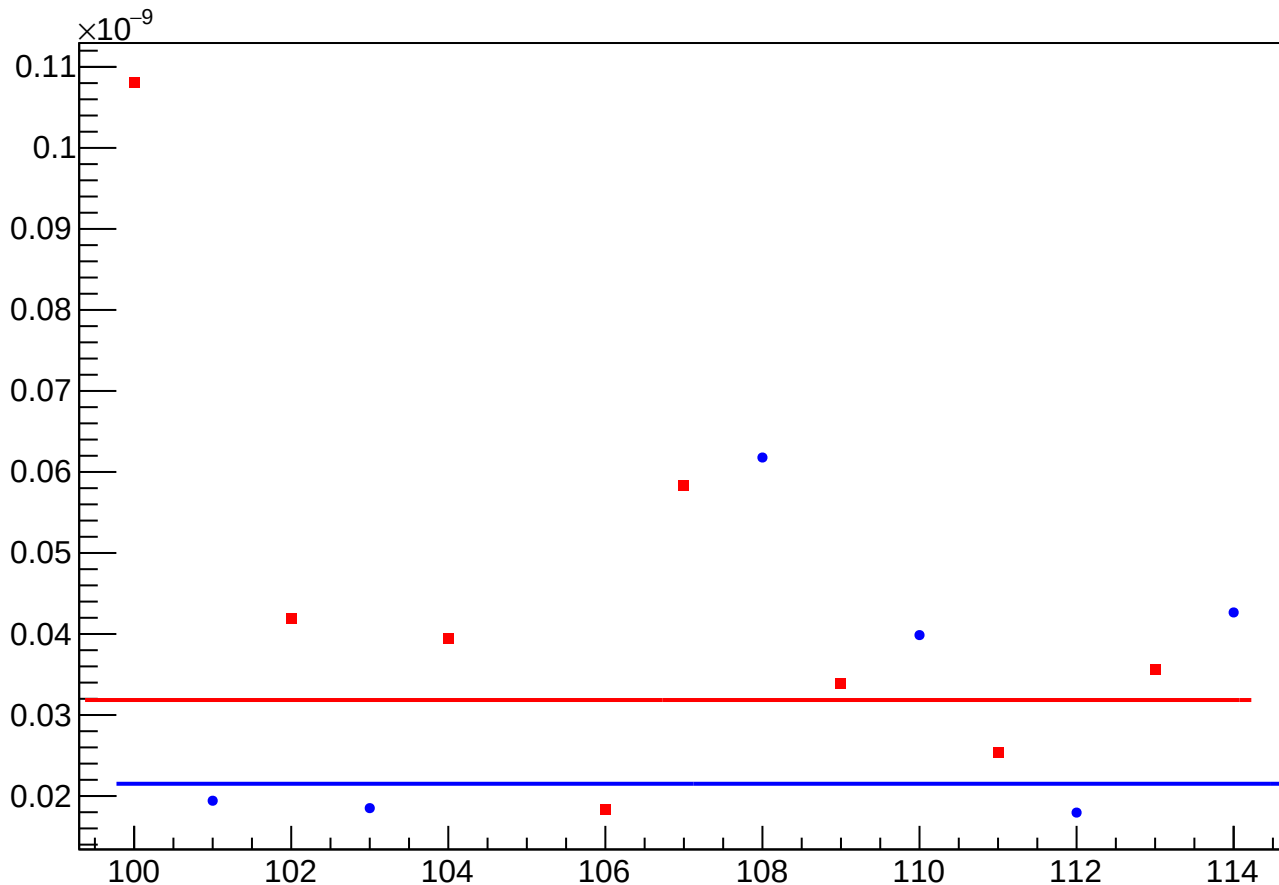
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 441850.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 421464.8/7

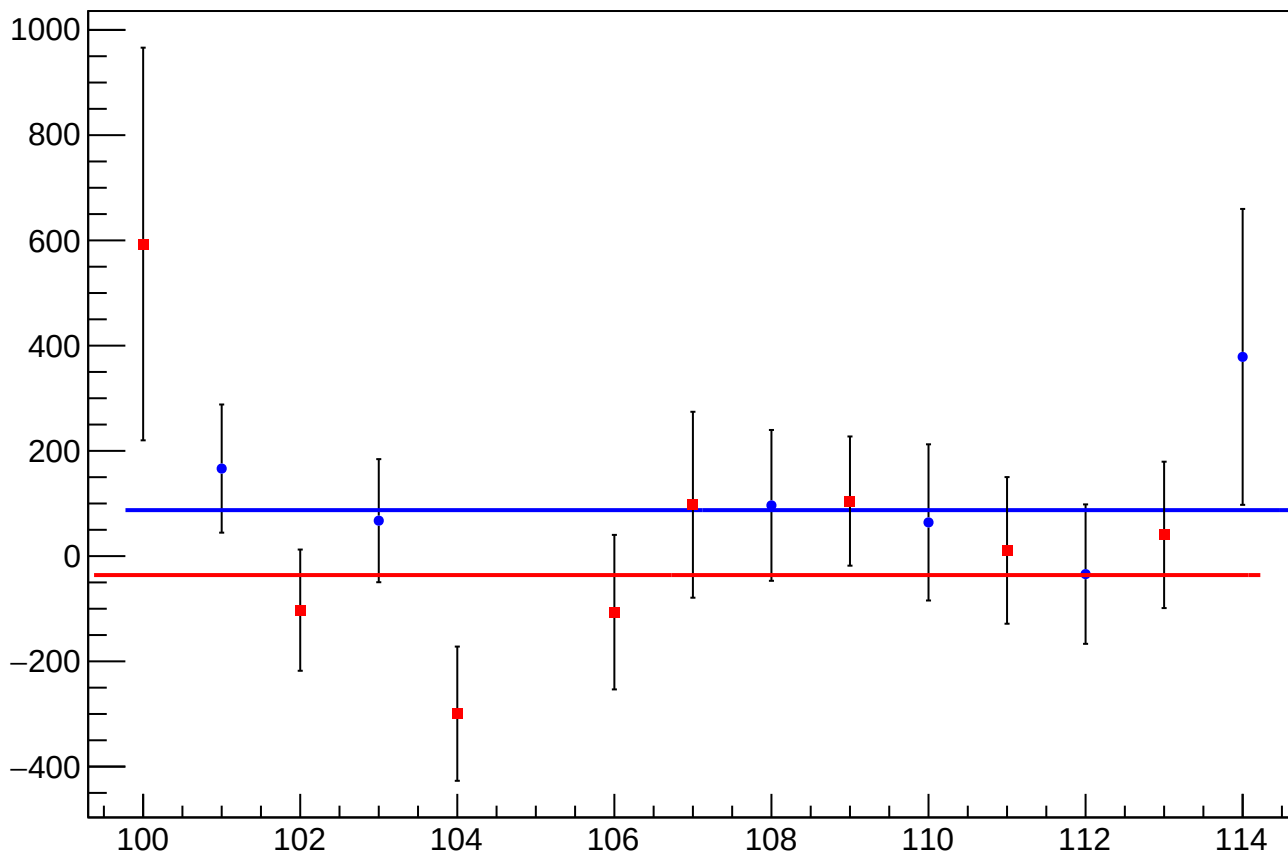
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1117281.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 87.377+/-57.336 χ^2/NDF : 2.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.023+/-50.509 χ^2/NDF : 10.0/7

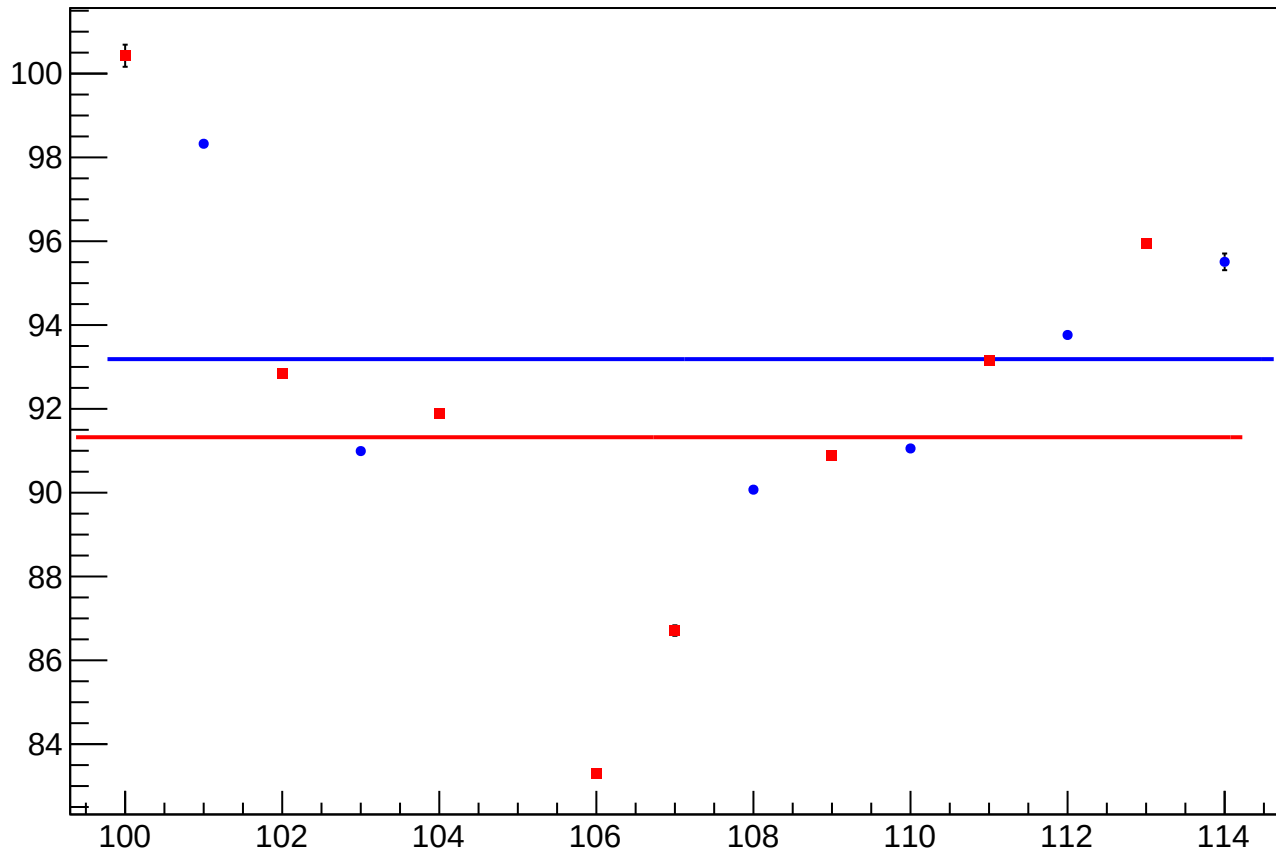
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.897+/-37.900 χ^2/NDF : 15.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.186+/-0.041 χ^2/NDF : 5795.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.323+/-0.036 χ^2/NDF : 11505.0/7

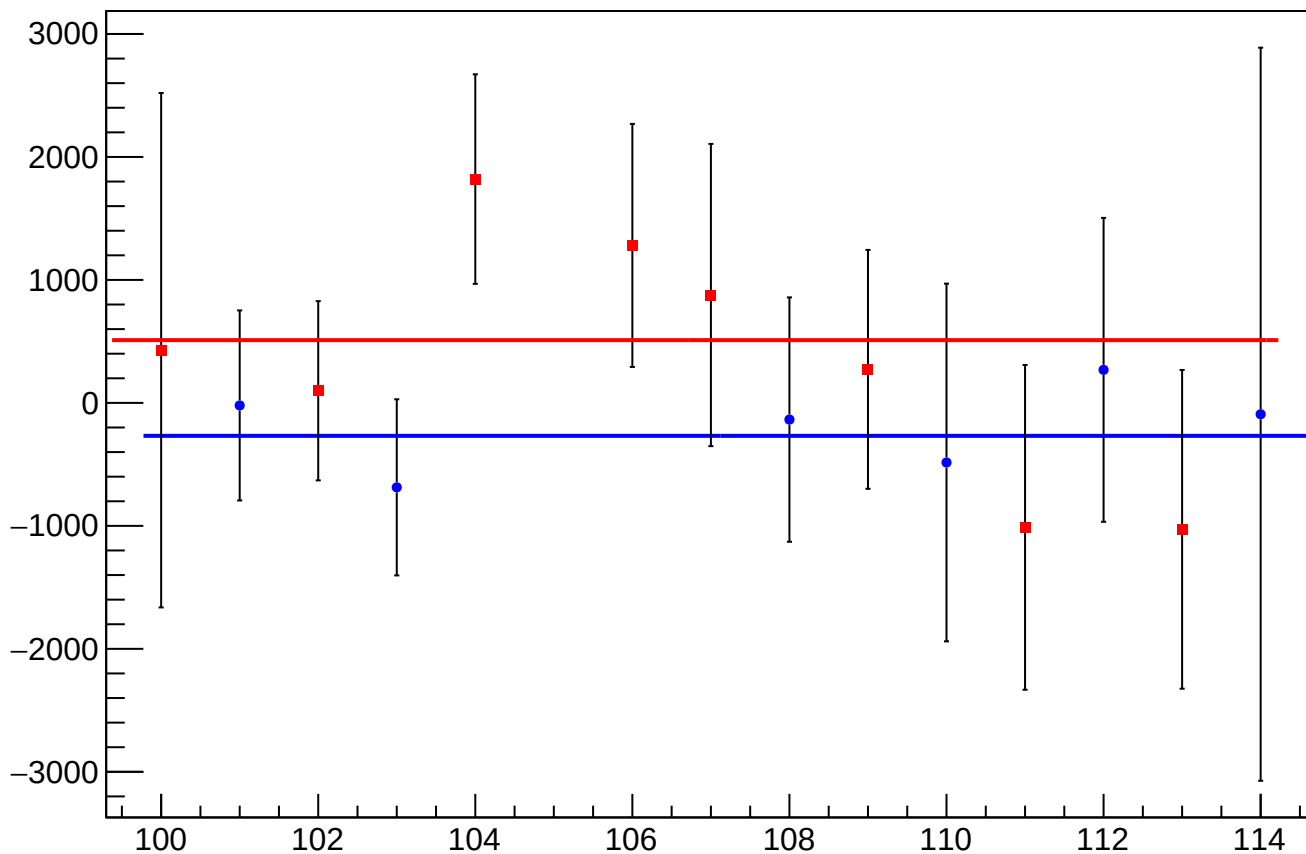
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.137+/-0.027 χ^2/NDF : 18490.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: -267.883+/-412.491 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.450+/-367.506 χ^2/NDF : 6.2/7

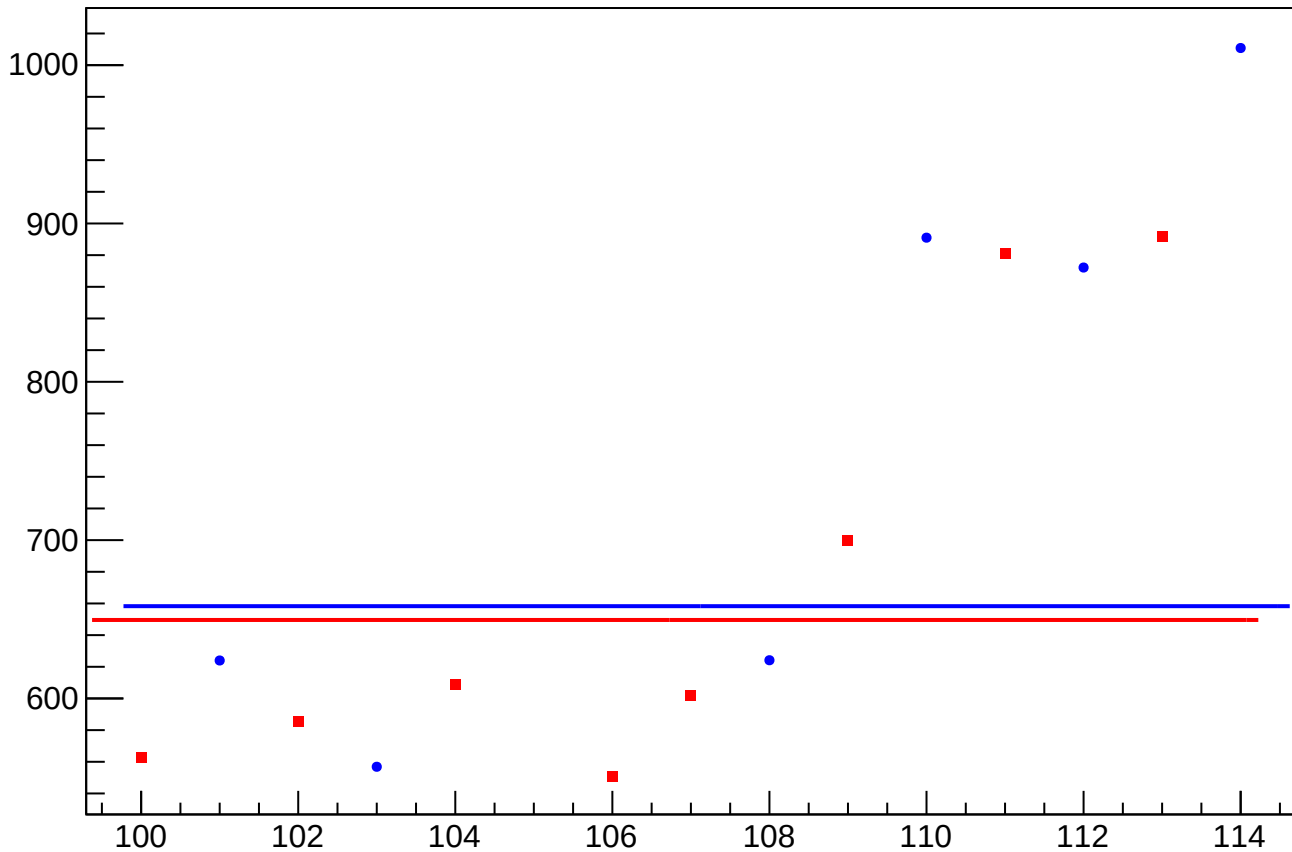
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.024+/-274.397 χ^2/NDF : 8.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 658.286+/-0.292 χ^2/NDF : 185521.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 649.574+/-0.260 χ^2/NDF : 183164.6/7

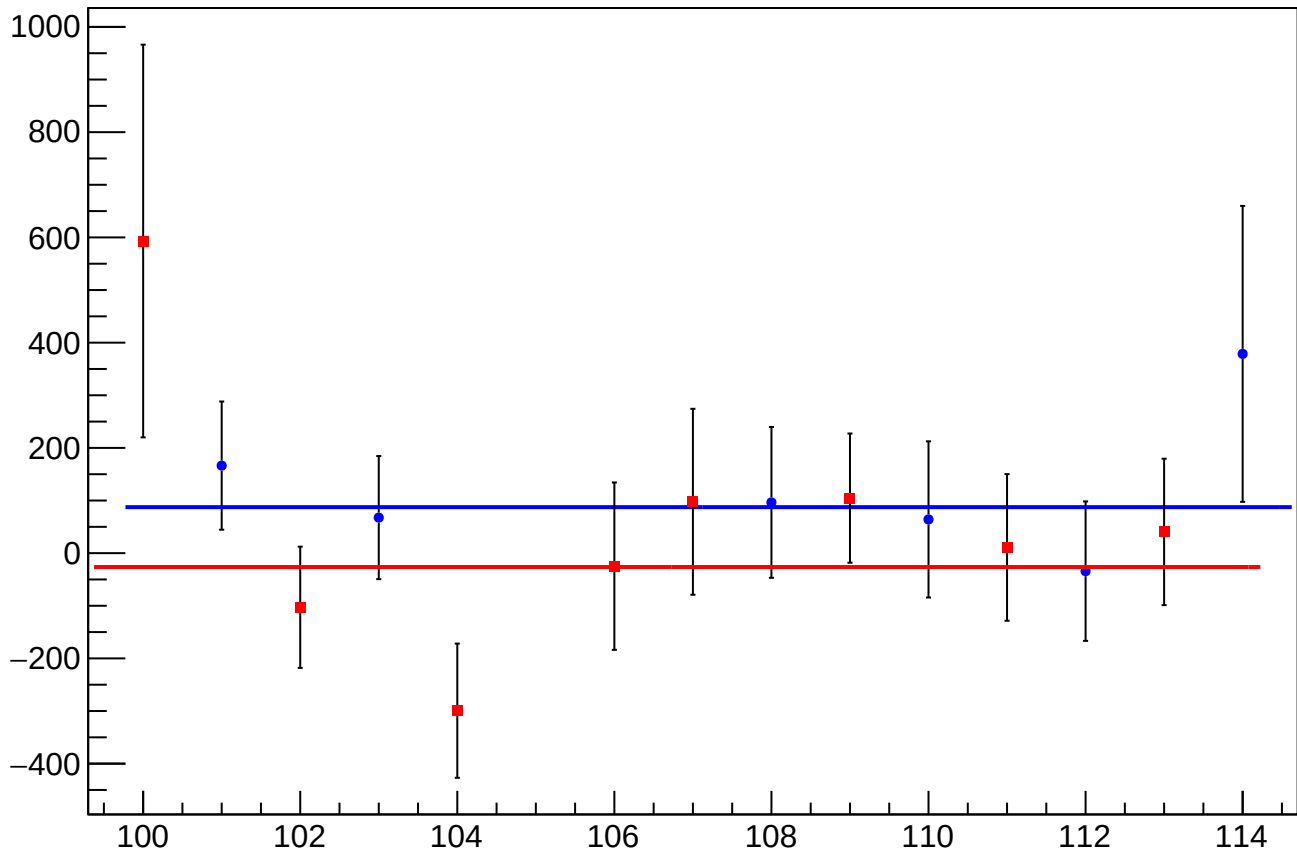
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.429+/-0.194 χ^2/NDF : 369183.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 87.423+/-57.336 χ^2/NDF : 2.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.392+/-50.957 χ^2/NDF : 9.7/7

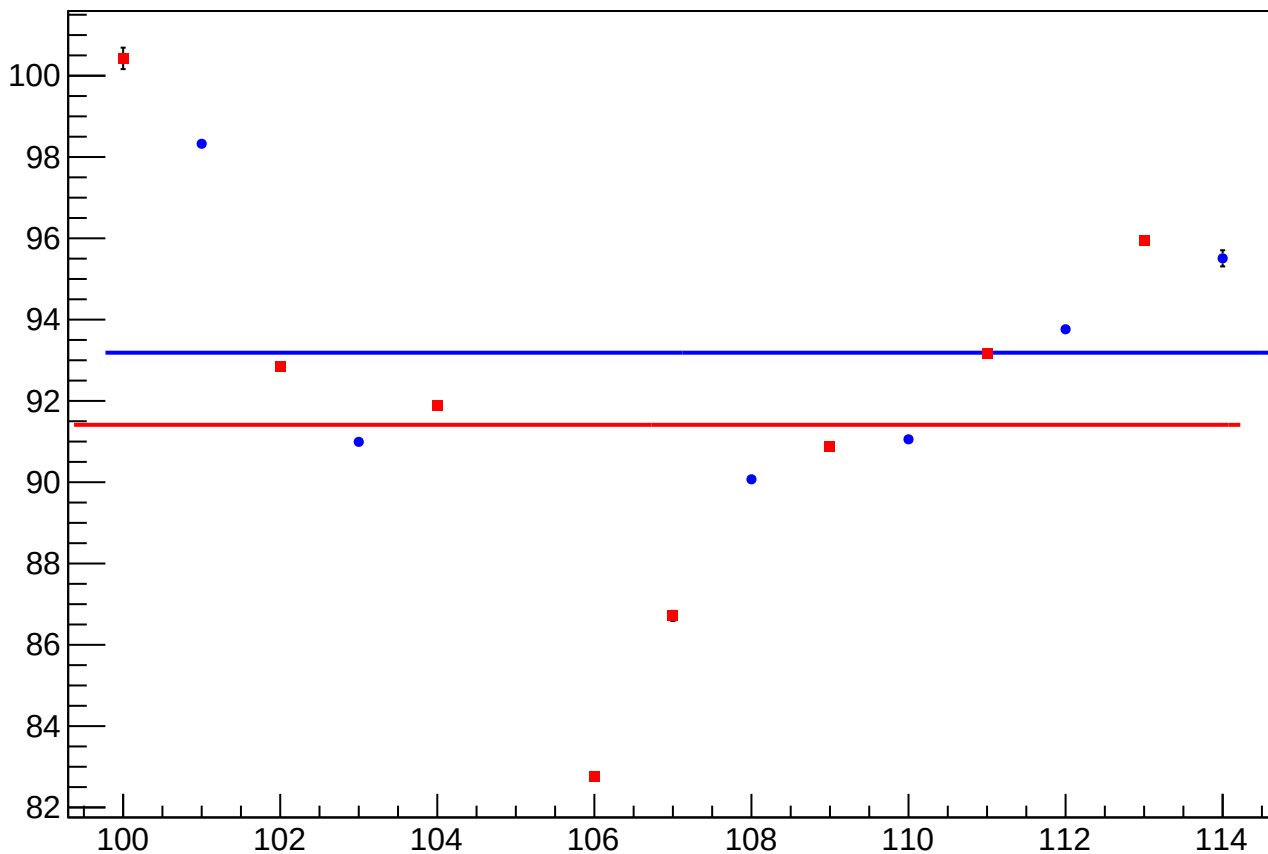
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.835+/-38.088 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 93.186 $\pm$ 0.041 χ^2 /NDF: 5795.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.412 $\pm$ 0.036 χ^2 /NDF: 11319.2/7

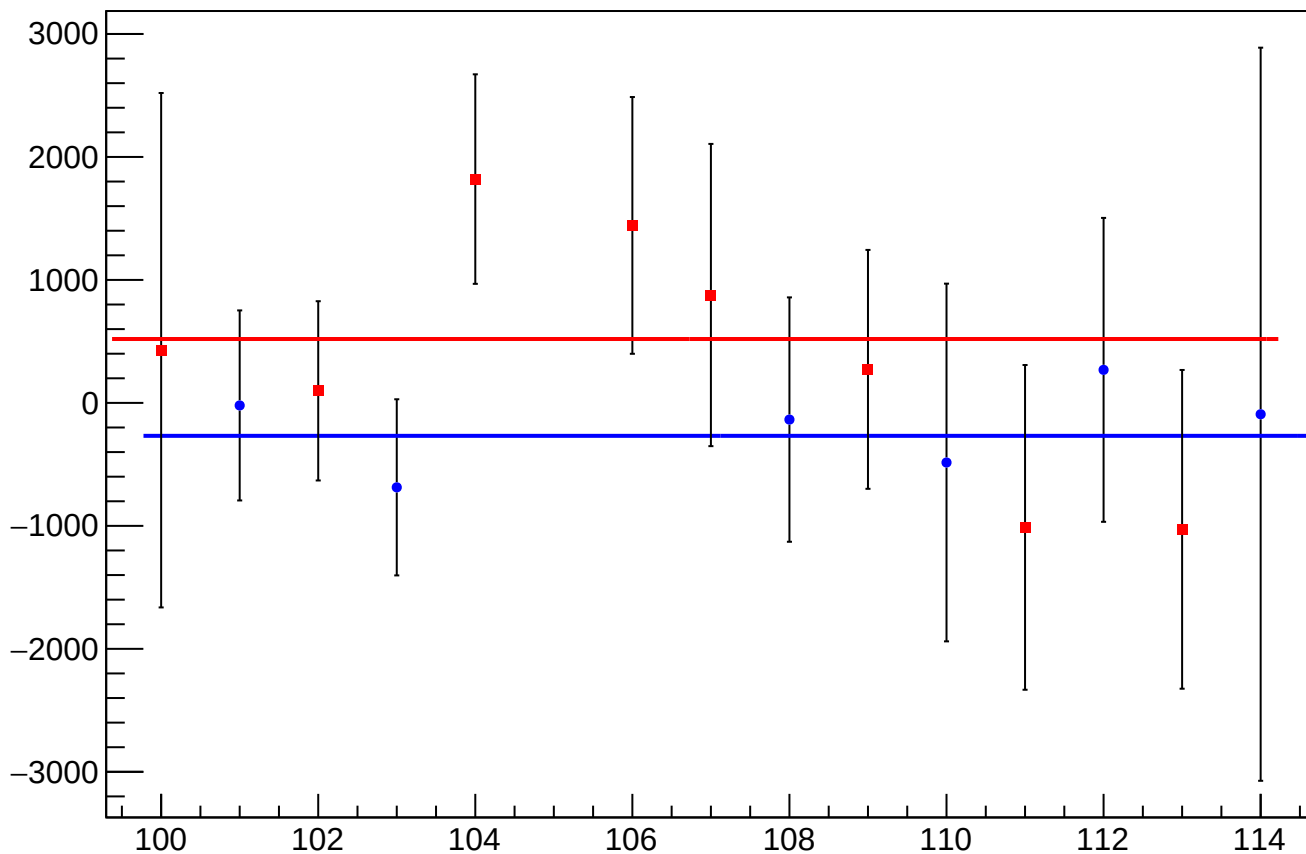
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.195 $\pm$ 0.027 χ^2 /NDF: 18185.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -267.868+/-412.490 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.557+/-370.186 χ^2/NDF : 6.4/7

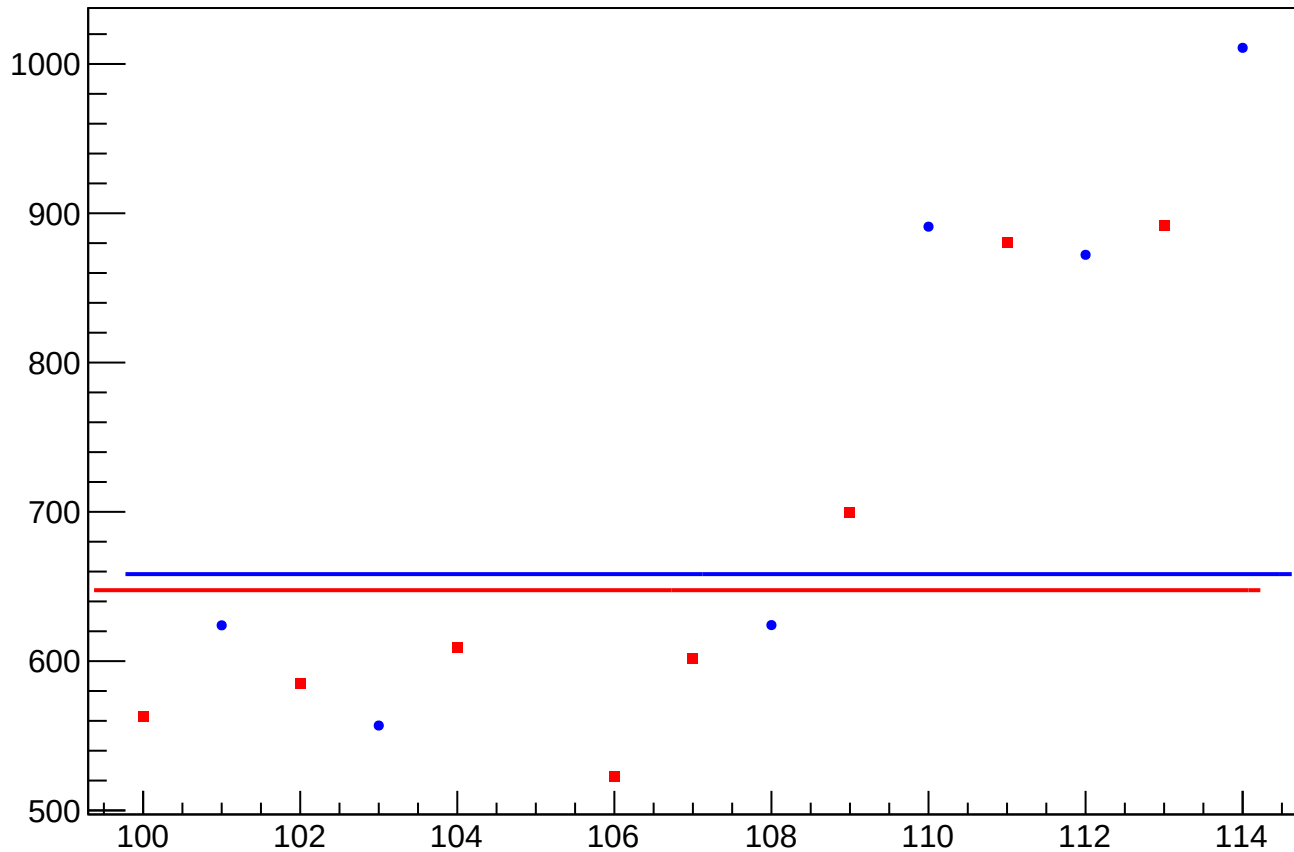
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.281+/-275.507 χ^2/NDF : 9.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 658.285+/-0.292 χ^2/NDF : 185525.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.515+/-0.262 χ^2/NDF : 192595.0/7

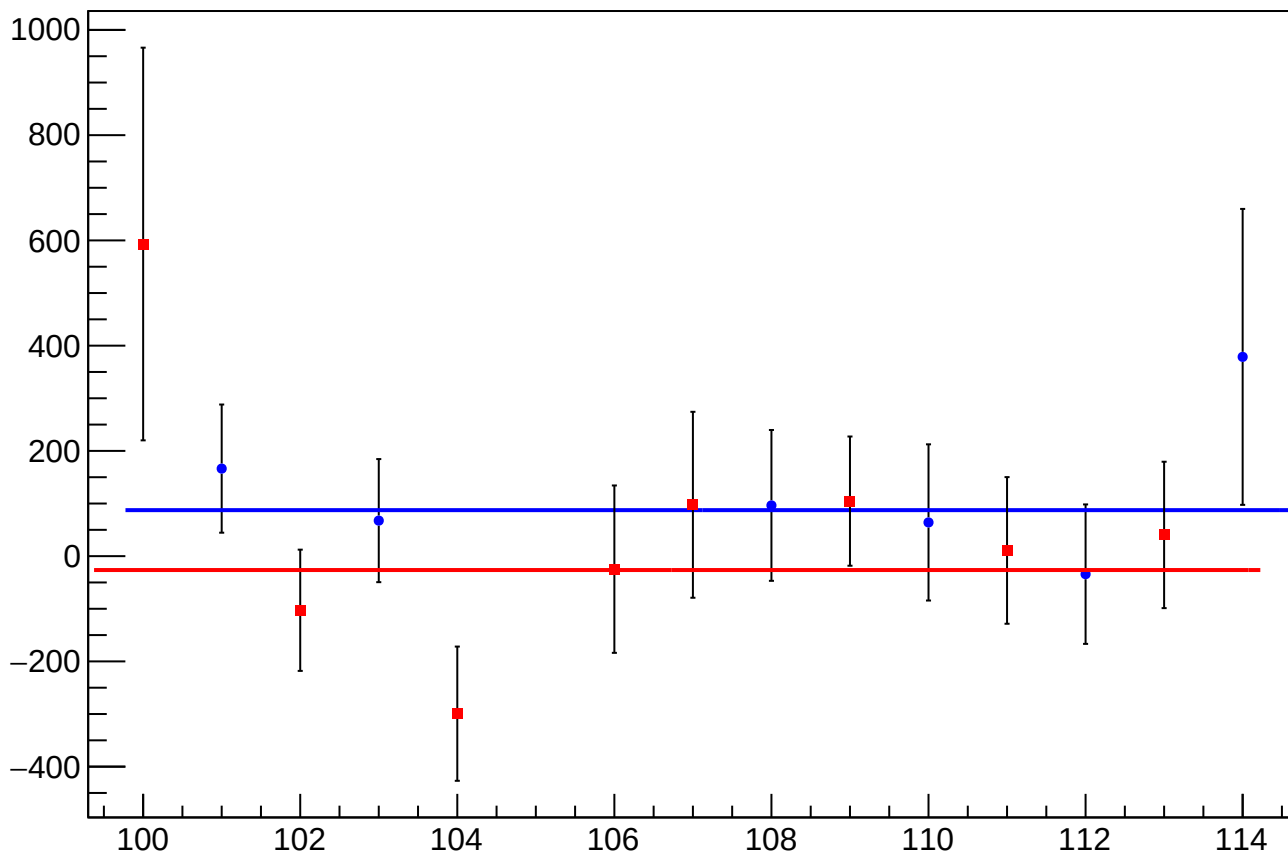
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.320+/-0.195 χ^2/NDF : 378875.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 87.423+/-57.336 χ^2/NDF : 2.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.392+/-50.957 χ^2/NDF : 9.7/7

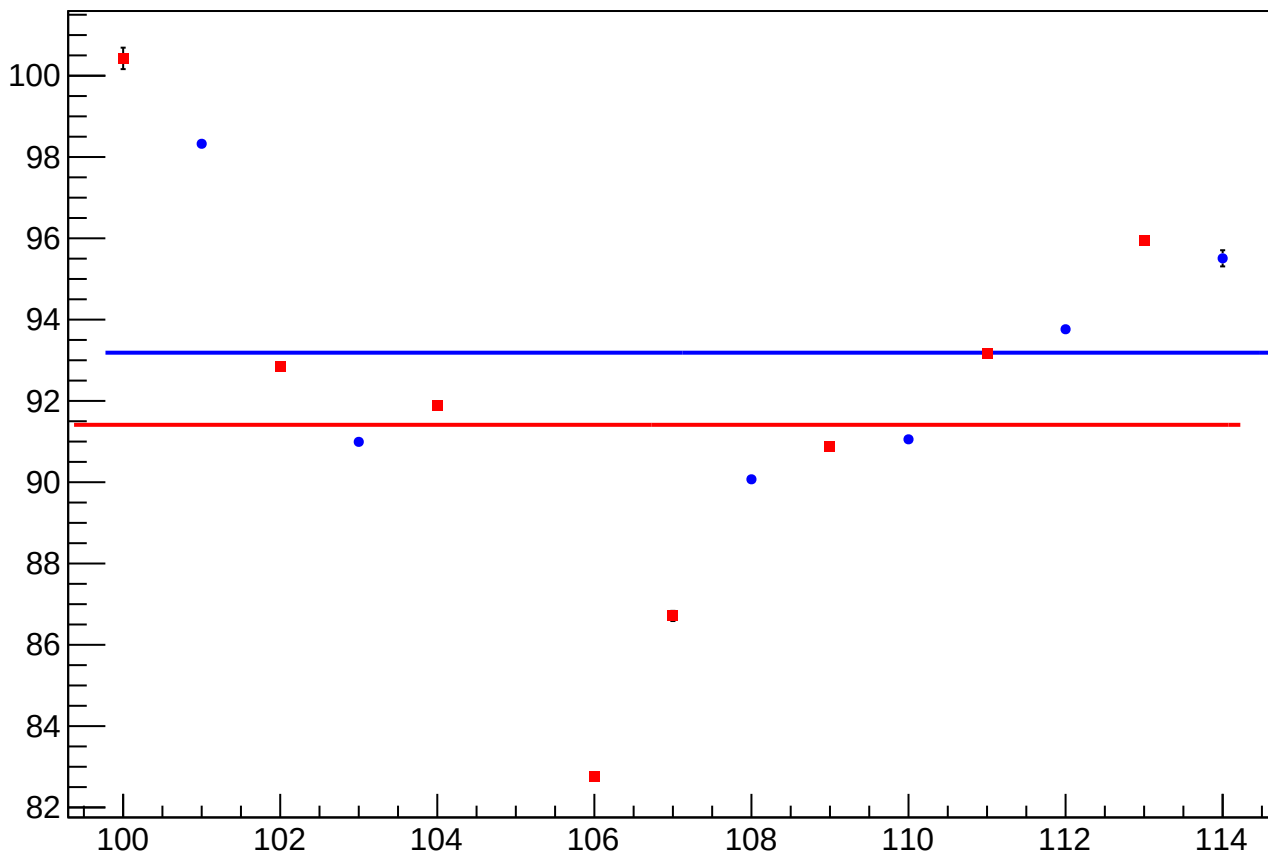
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.835+/-38.088 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 93.186 $\pm$ 0.041 χ^2 /NDF: 5795.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.412 $\pm$ 0.036 χ^2 /NDF: 11319.2/7

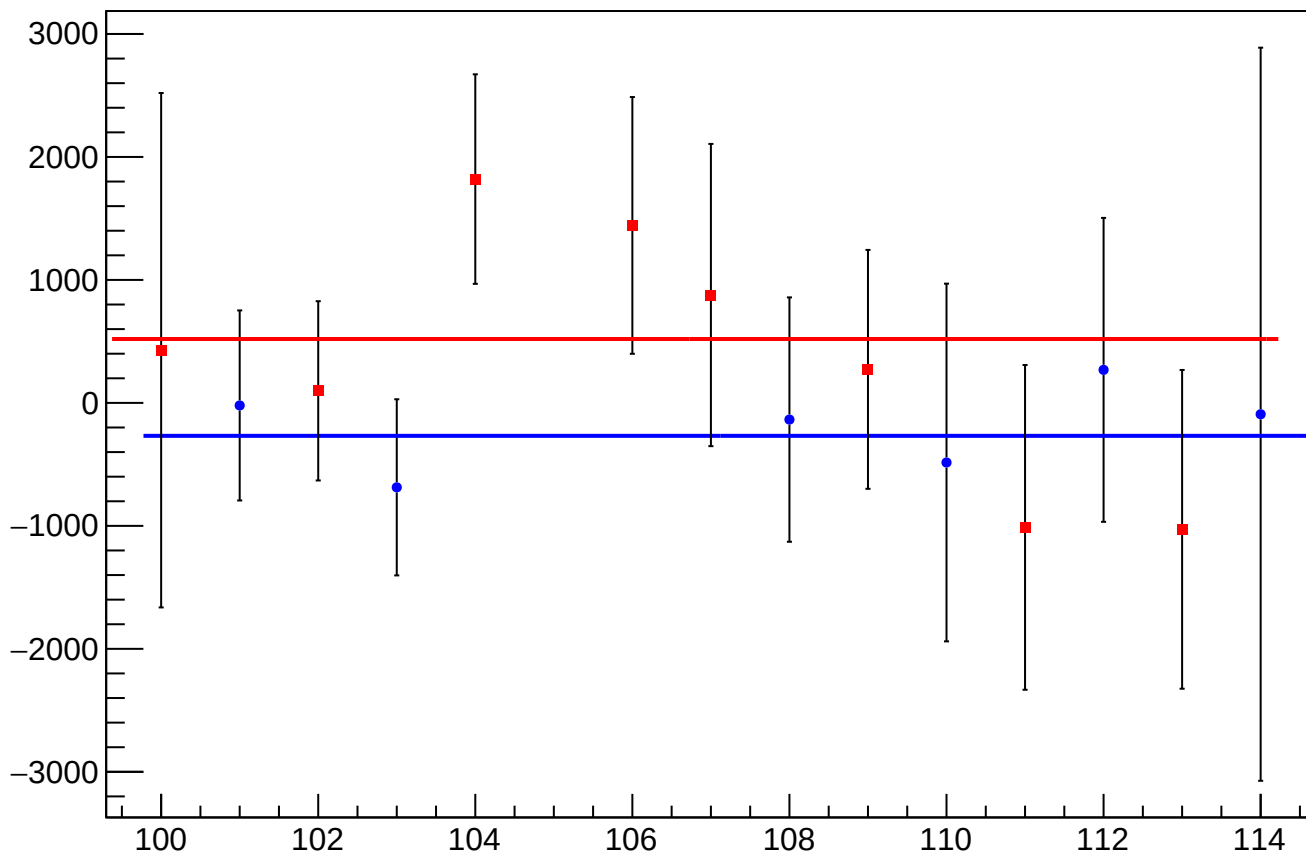
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.195 $\pm$ 0.027 χ^2 /NDF: 18185.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -267.868+/-412.490 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.557+/-370.186 χ^2/NDF : 6.4/7

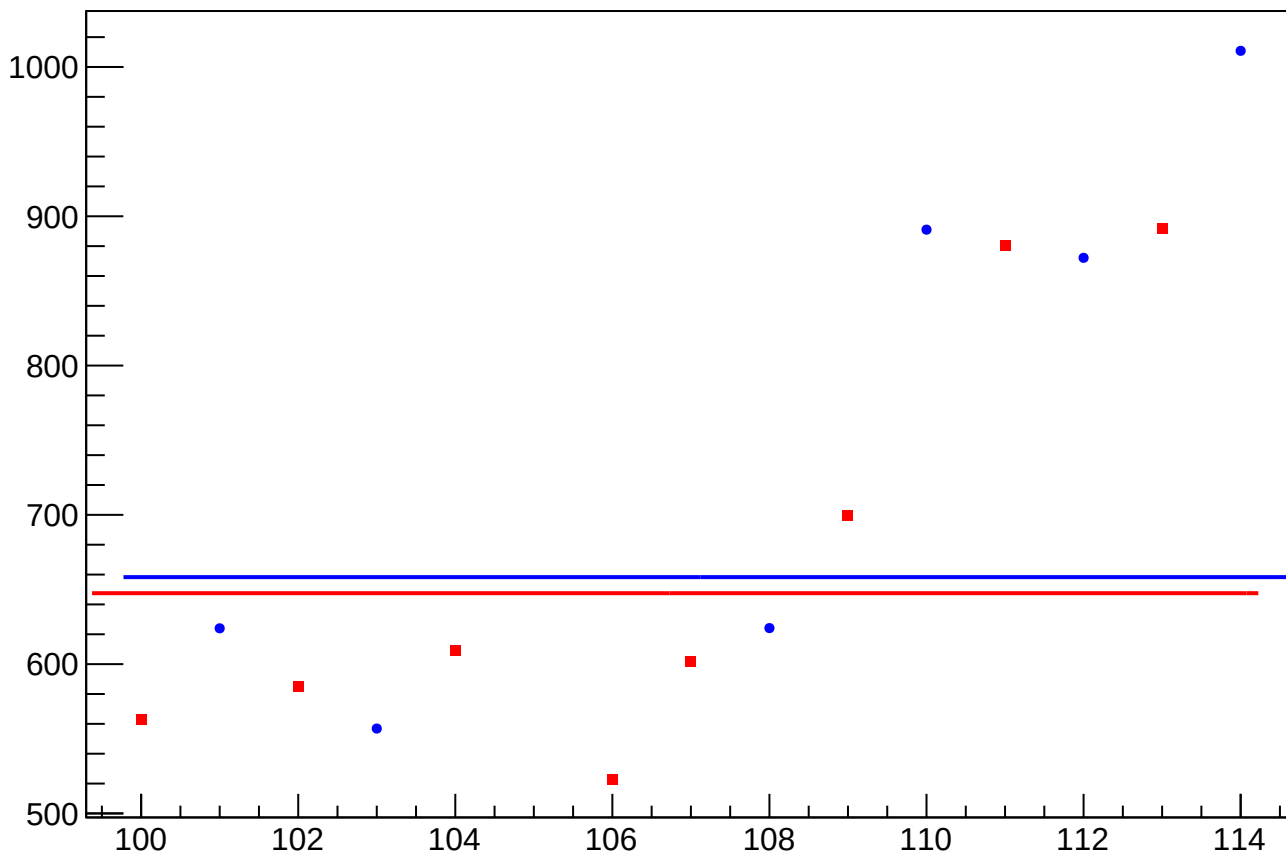
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.281+/-275.507 χ^2/NDF : 9.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 658.285+/-0.292 χ^2/NDF : 185525.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.515+/-0.262 χ^2/NDF : 192595.0/7

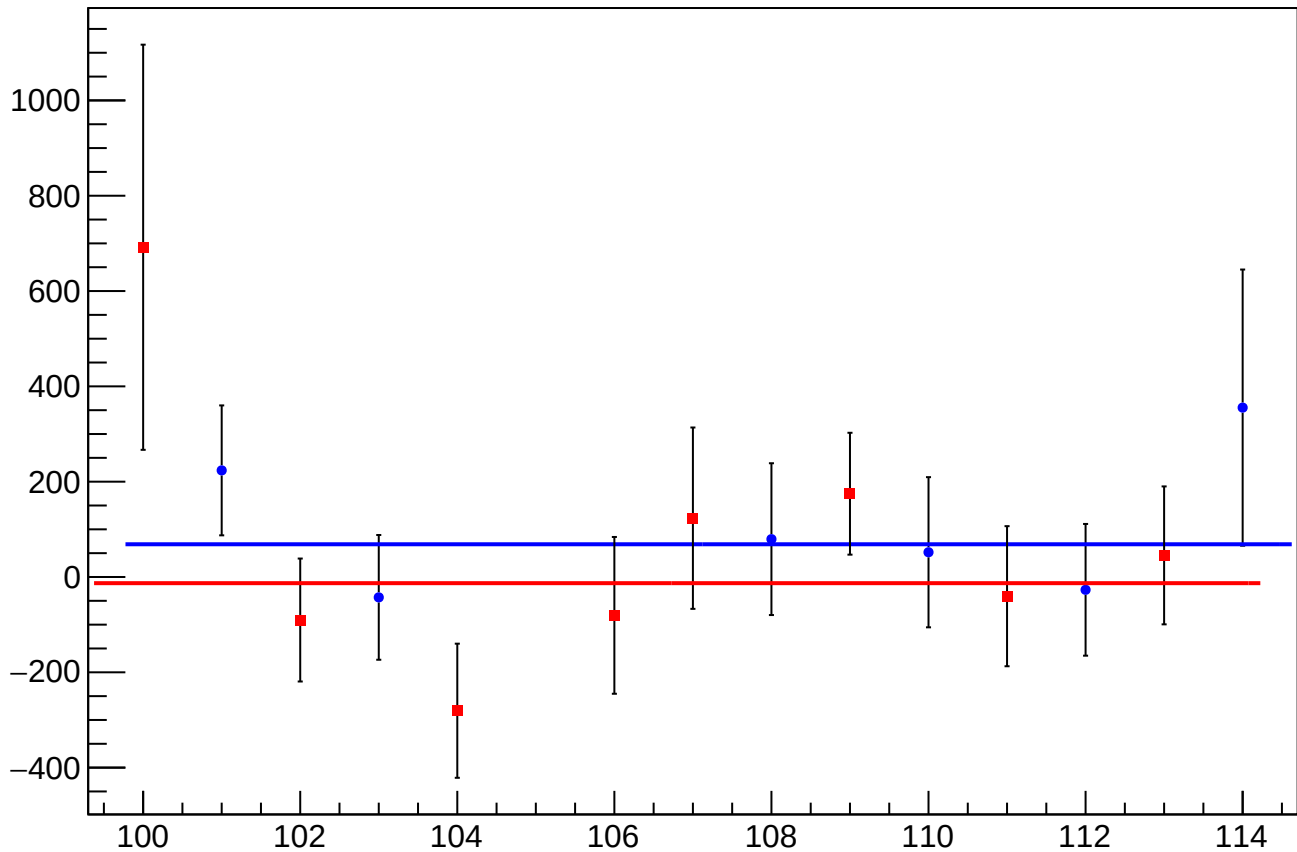
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.320+/-0.195 χ^2/NDF : 378875.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 68.670 $\pm$ 62.478 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -12.952 $\pm$ -54.561 χ^2 /NDF: 9.8/7

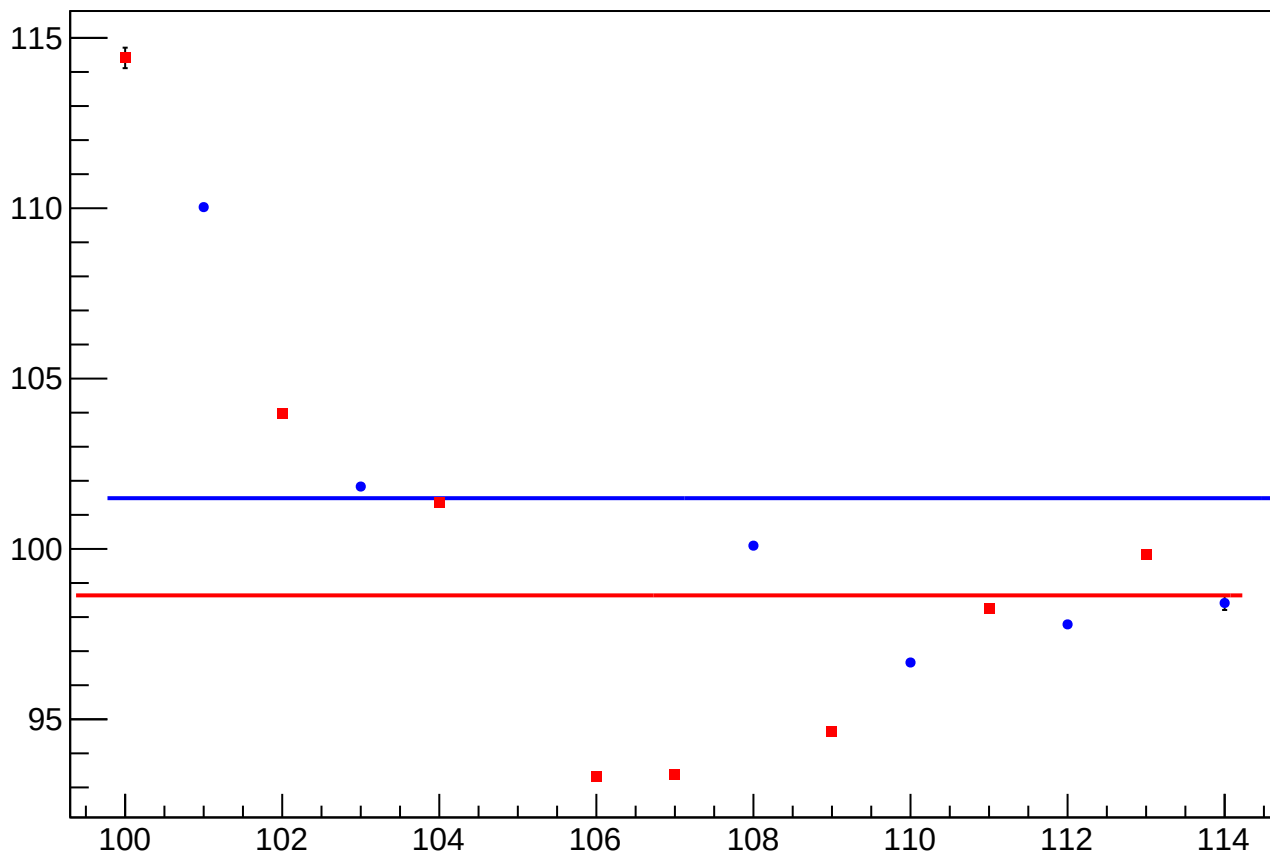
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 22.363 $\pm$ -41.096 χ^2 /NDF: 14.2/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 101.490 $\pm$ 0.044 χ^2 /NDF: 11560.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.637 $\pm$ 0.039 χ^2 /NDF: 12661.1/7

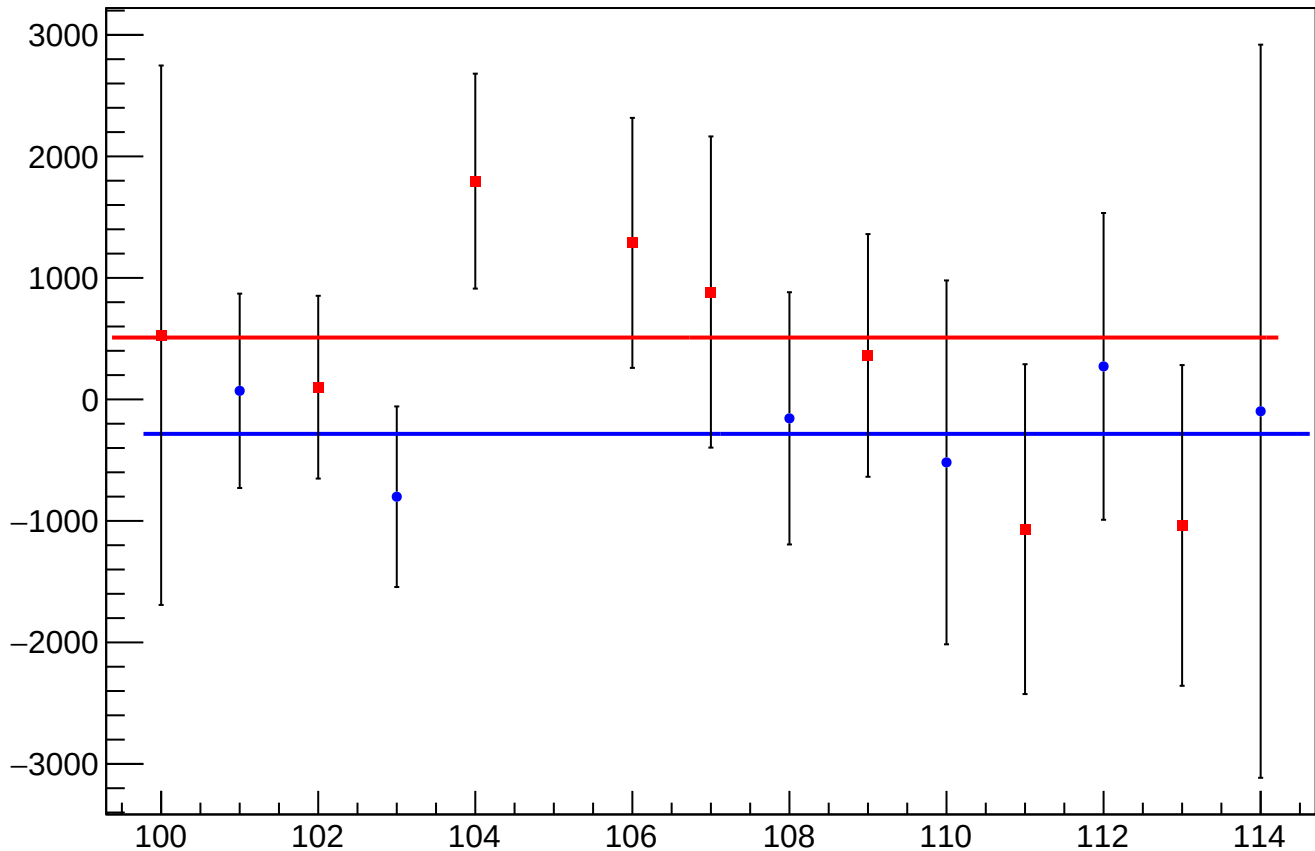
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.871 $\pm$ 0.029 χ^2 /NDF: 26587.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: -283.611+/-426.976 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.233+/-380.077 χ^2/NDF : 5.8/7

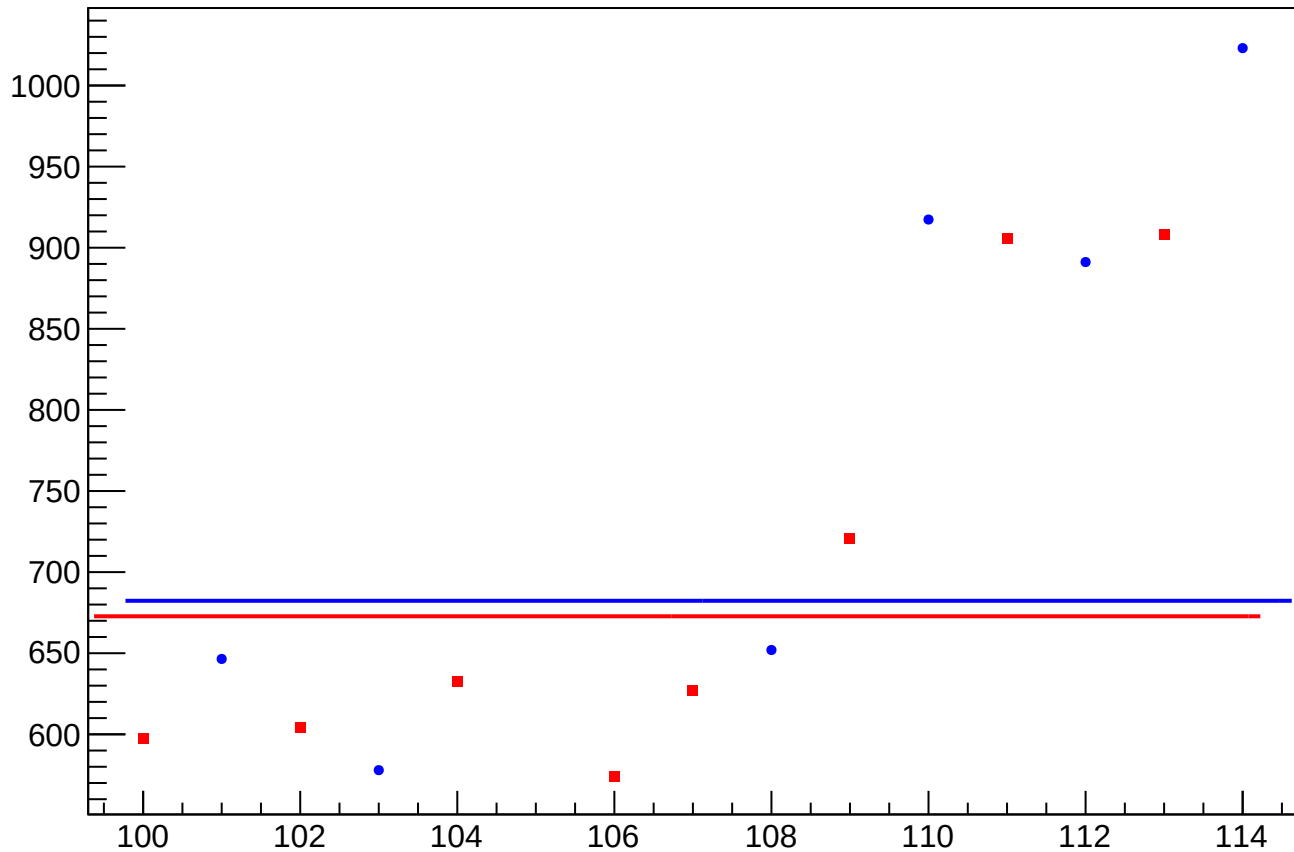
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.729+/-283.894 χ^2/NDF : 8.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 682.329+/-0.302 χ^2/NDF : 174711.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 672.767+/-0.269 χ^2/NDF : 171092.2/7

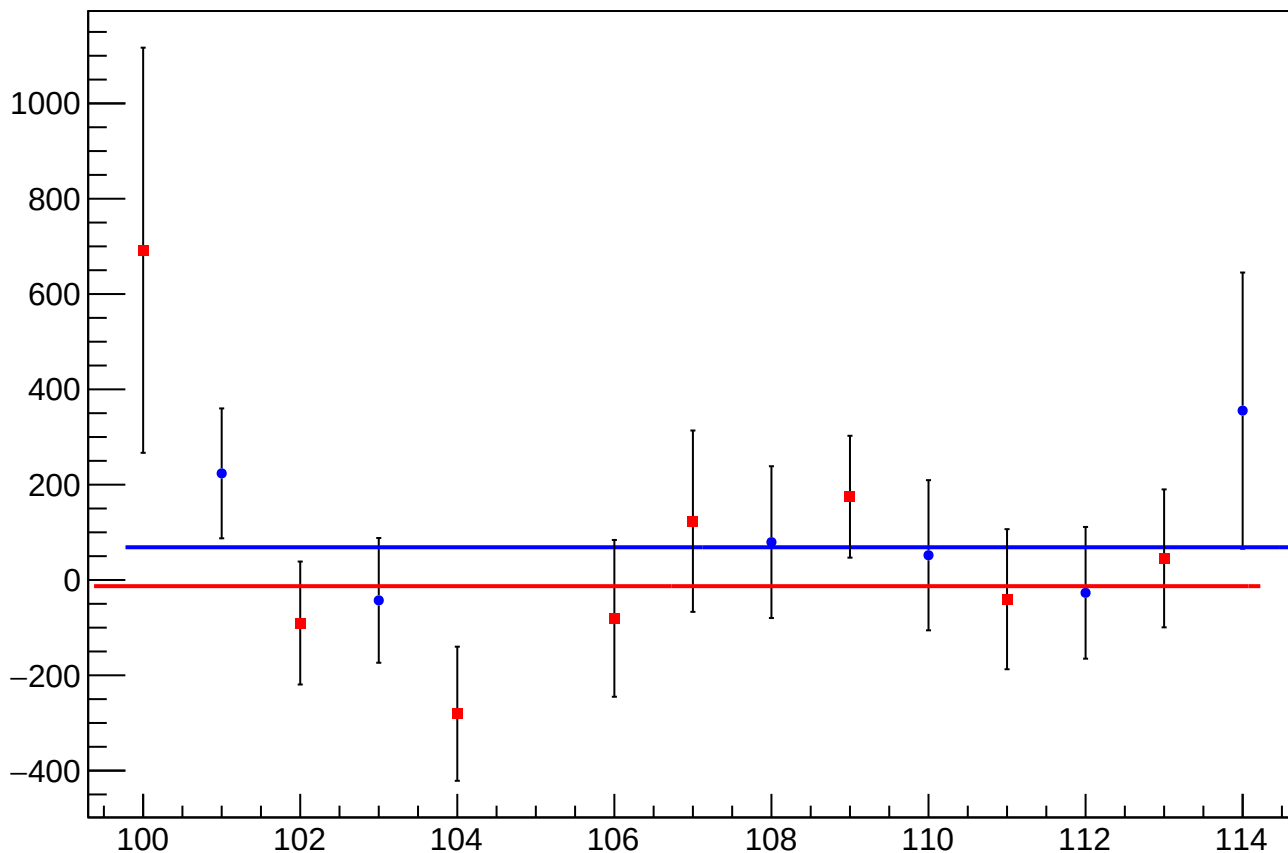
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.994+/-0.201 χ^2/NDF : 346363.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 68.671+/-62.478 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.951+/-54.561 χ^2/NDF : 9.8/7

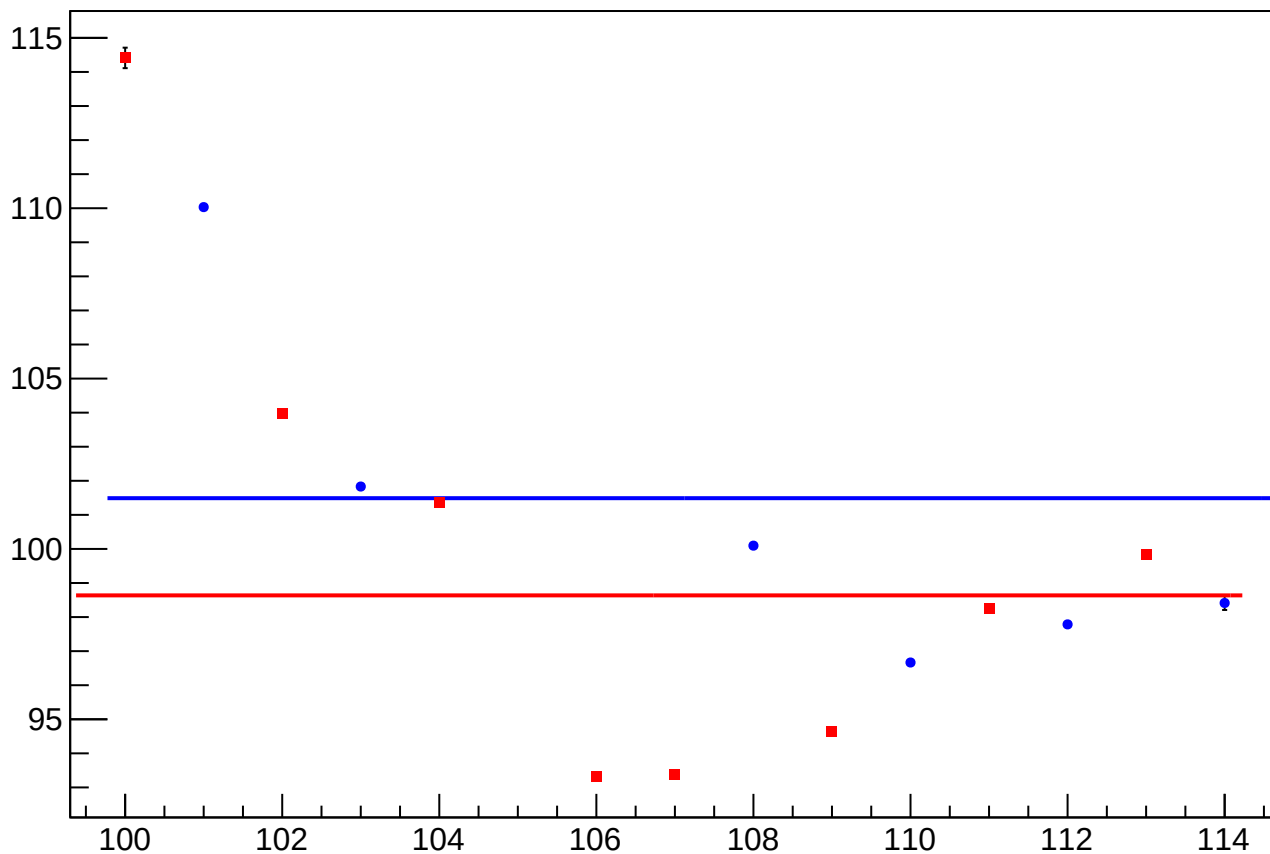
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.364+/-41.096 χ^2/NDF : 14.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 101.490 $\pm$ 0.044 χ^2 /NDF: 11560.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.637 $\pm$ 0.039 χ^2 /NDF: 12660.9/7

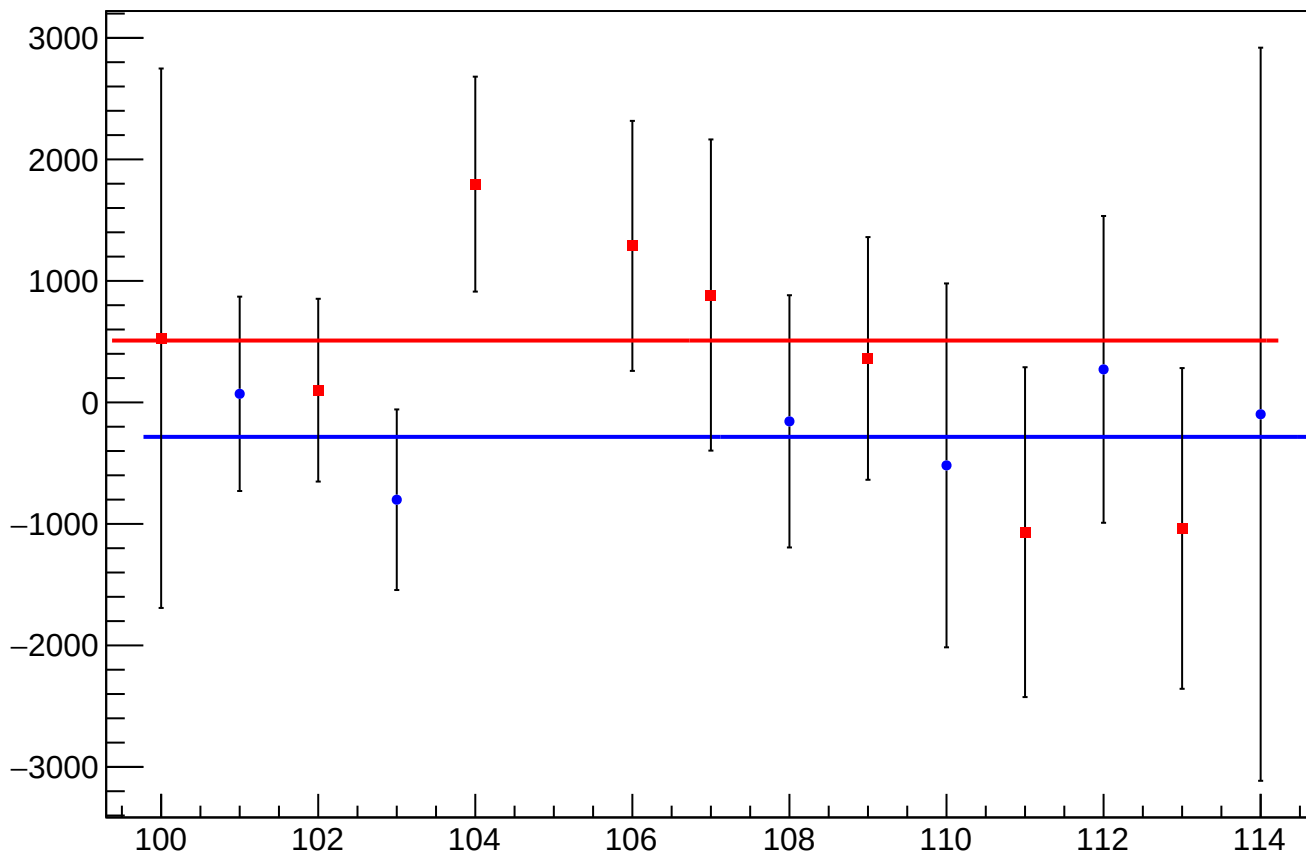
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.871 $\pm$ 0.029 χ^2 /NDF: 26586.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



Right In: -283.610+/-426.975 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.233+/-380.077 χ^2/NDF : 5.8/7

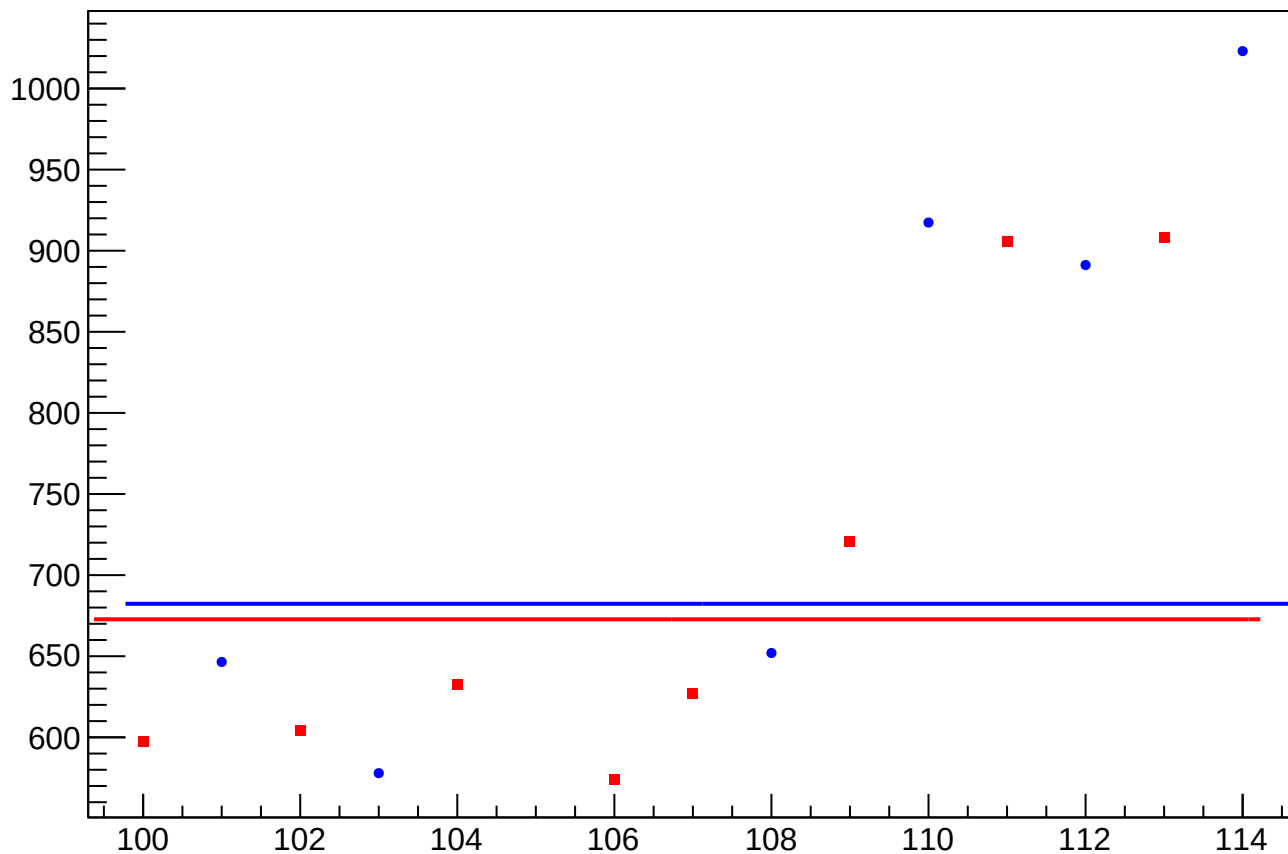
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.729+/-283.893 χ^2/NDF : 8.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 682.328+/-0.302 χ^2/NDF : 174711.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 672.766+/-0.269 χ^2/NDF : 171091.7/7

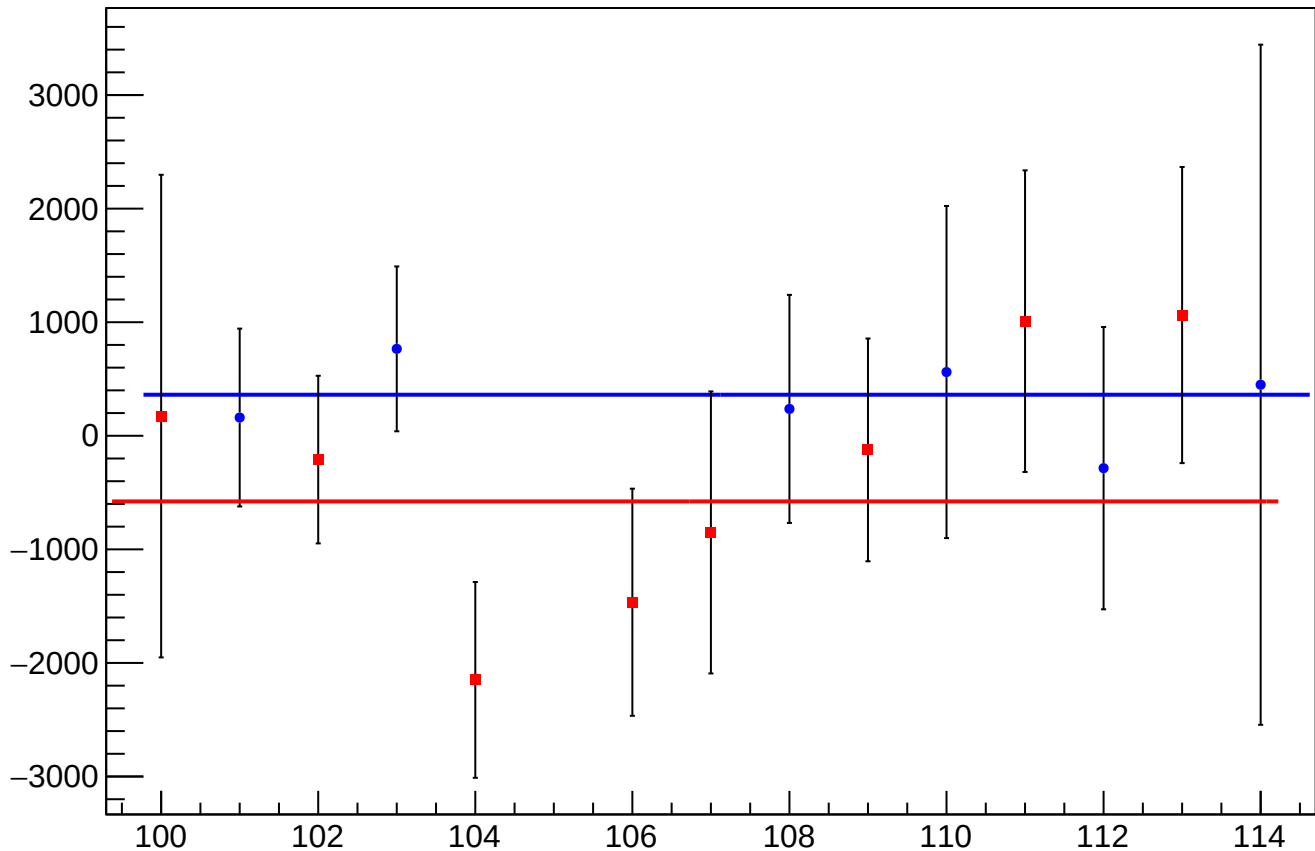
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.994+/-0.201 χ^2/NDF : 346362.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 361.507+/-417.078 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -577.959+/-371.450 χ^2/NDF : 7.8/7

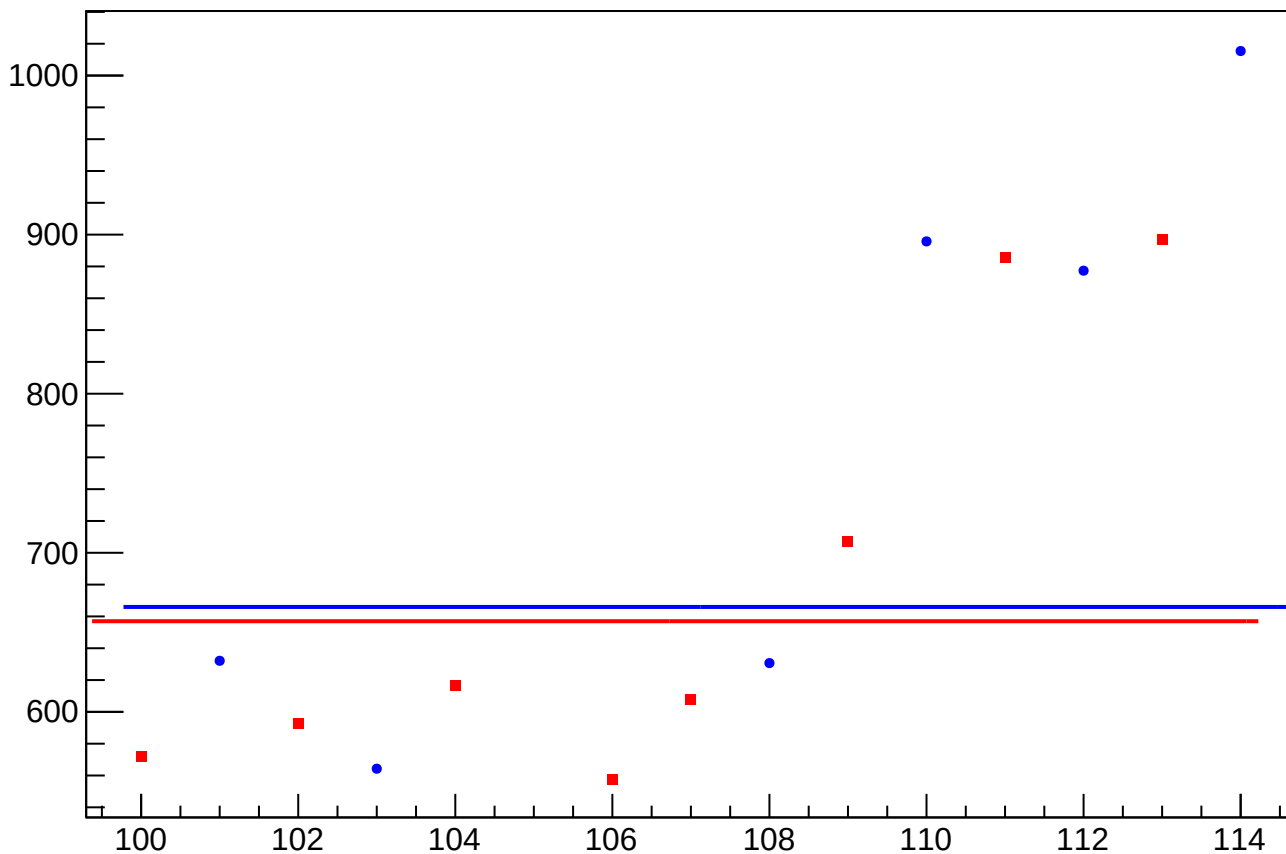
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.407+/-277.389 χ^2/NDF : 11.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 665.954 $\pm$ 0.295 χ^2 /NDF: 179957.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 656.989 $\pm$ 0.263 χ^2 /NDF: 178201.1/7

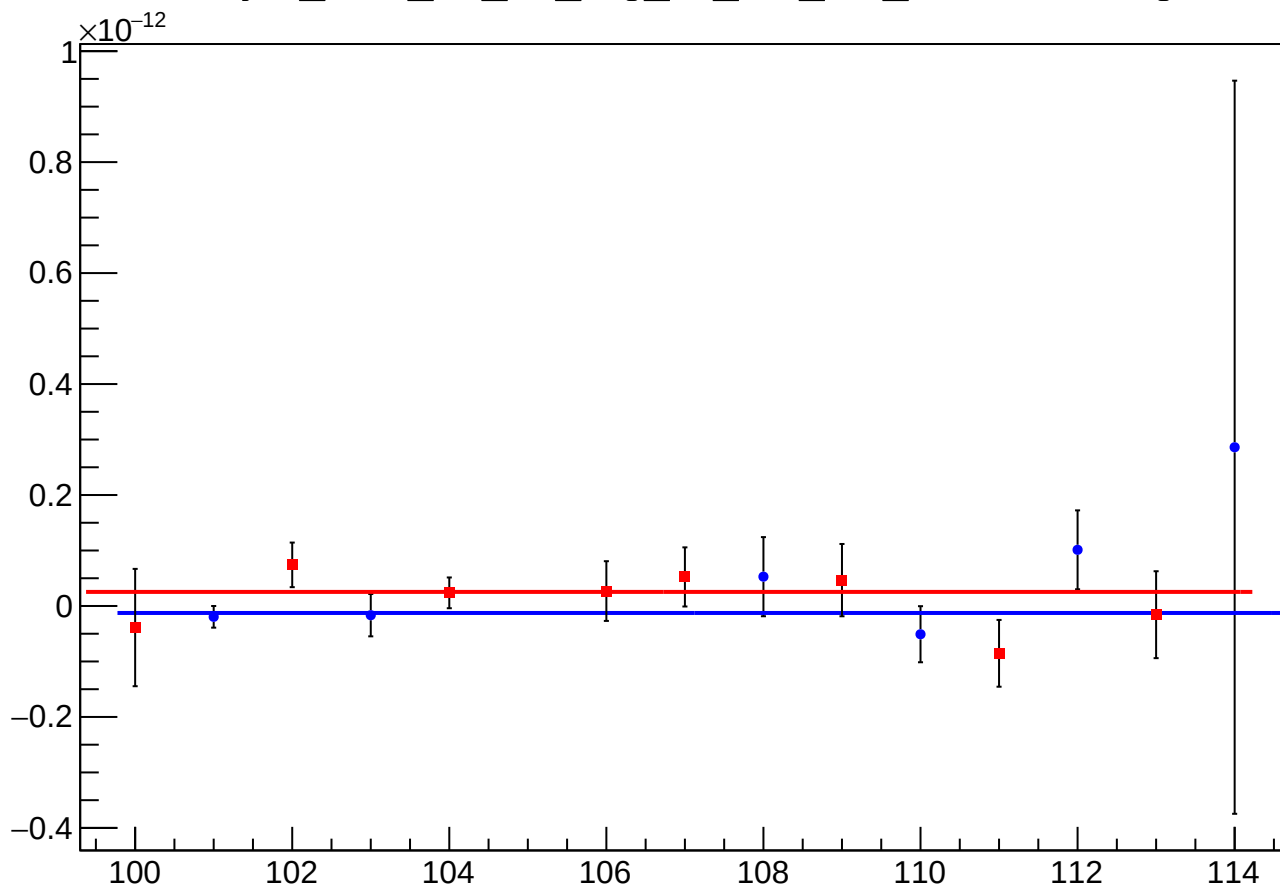
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 660.955 $\pm$ 0.196 χ^2 /NDF: 358673.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.9/7

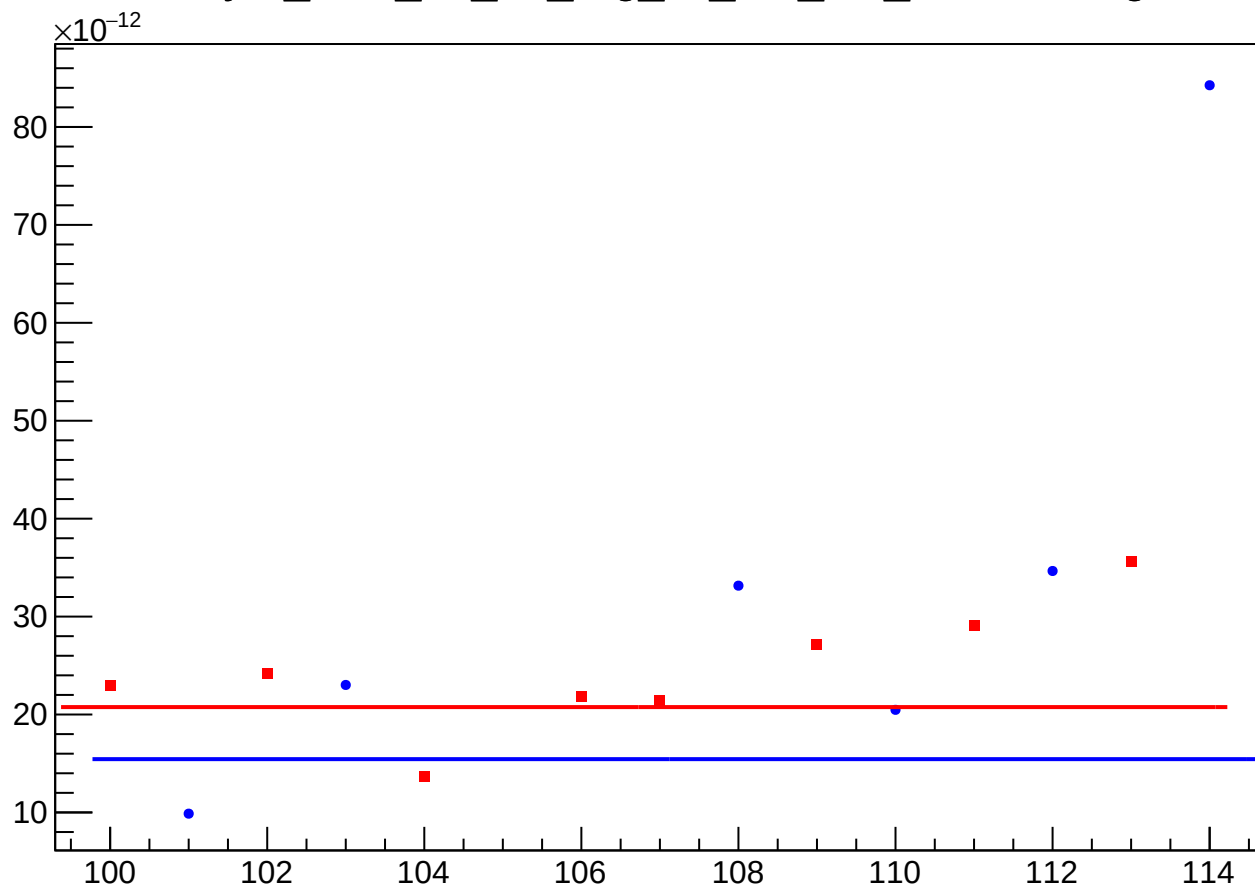
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 552776.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 276112.9/7

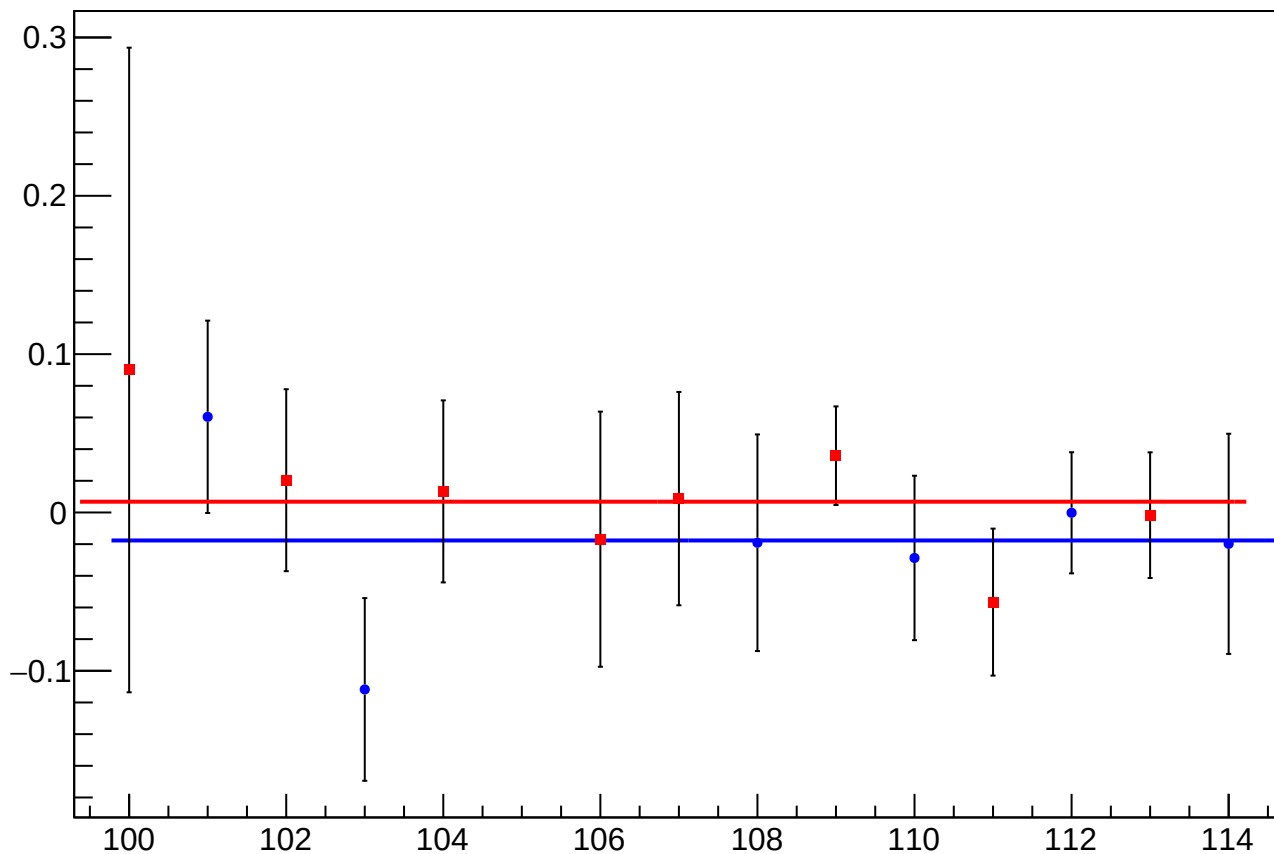
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 933659.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.022 χ^2/NDF : 4.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.018 χ^2/NDF : 3.1/7

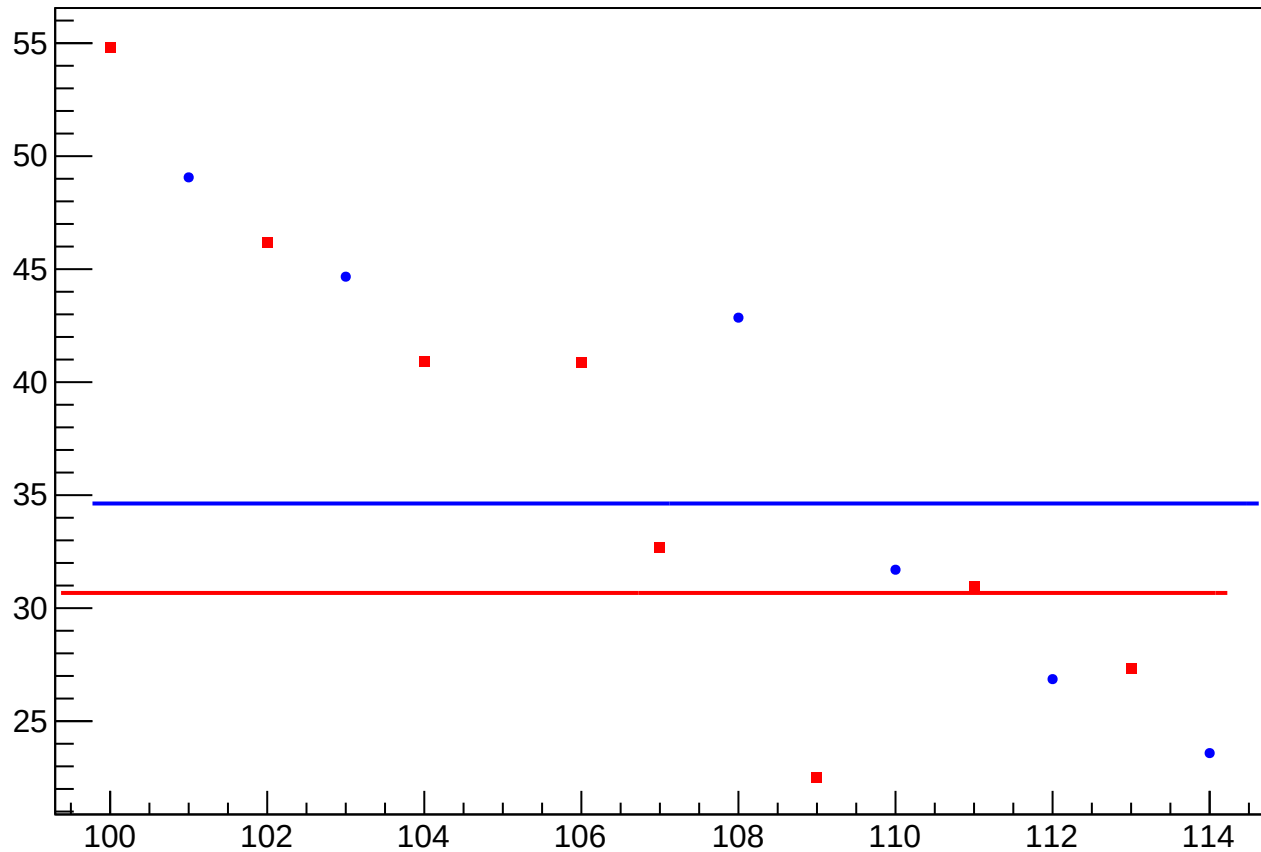
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.014 χ^2/NDF : 8.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 34.631 $\pm$ 0.016 χ^2 /NDF: 341623.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.673 $\pm$ 0.013 χ^2 /NDF: 423109.4/7

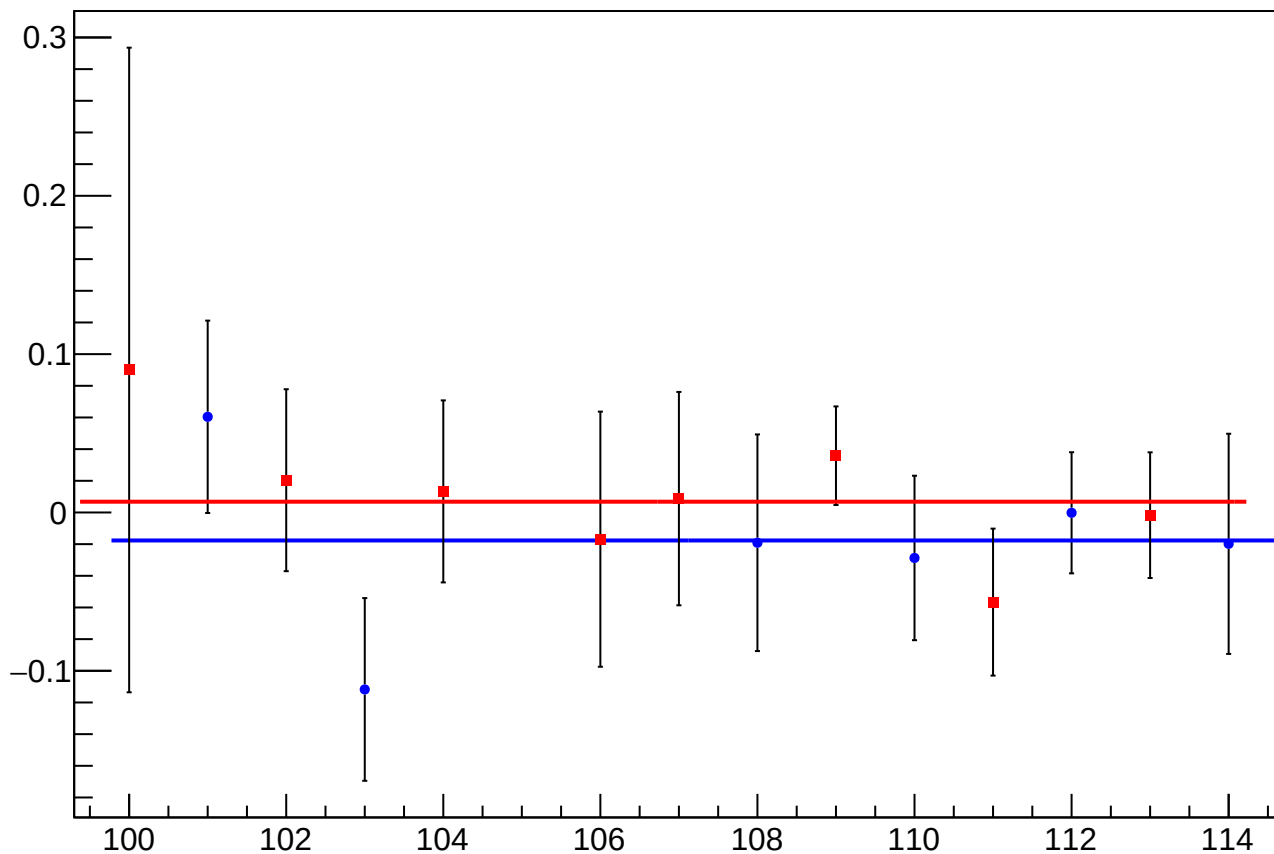
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.236 $\pm$ 0.010 χ^2 /NDF: 803515.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 ± 0.022 χ^2/NDF : 4.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.018 χ^2/NDF : 3.1/7

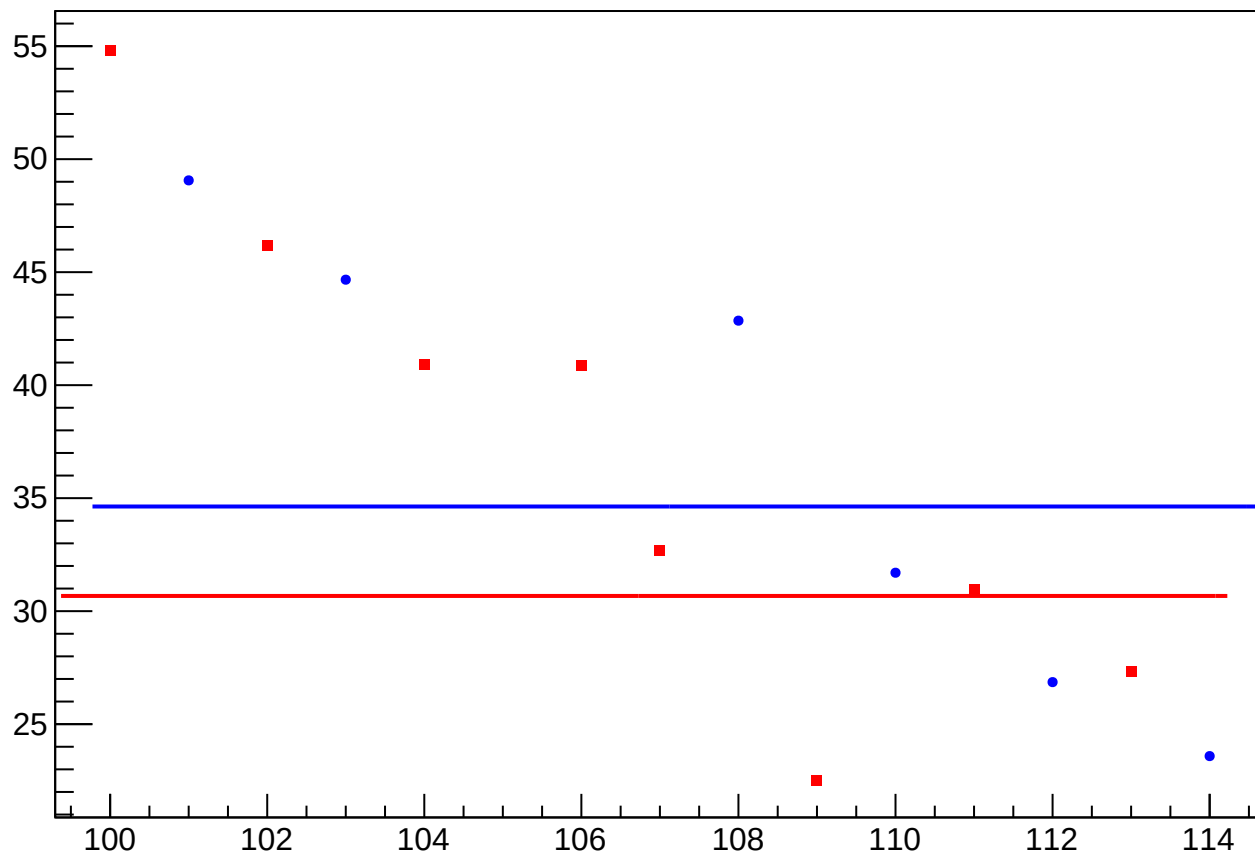
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.014 χ^2/NDF : 8.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.631 $\pm$ 0.016 χ^2 /NDF: 341623.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.673 $\pm$ 0.013 χ^2 /NDF: 423109.4/7

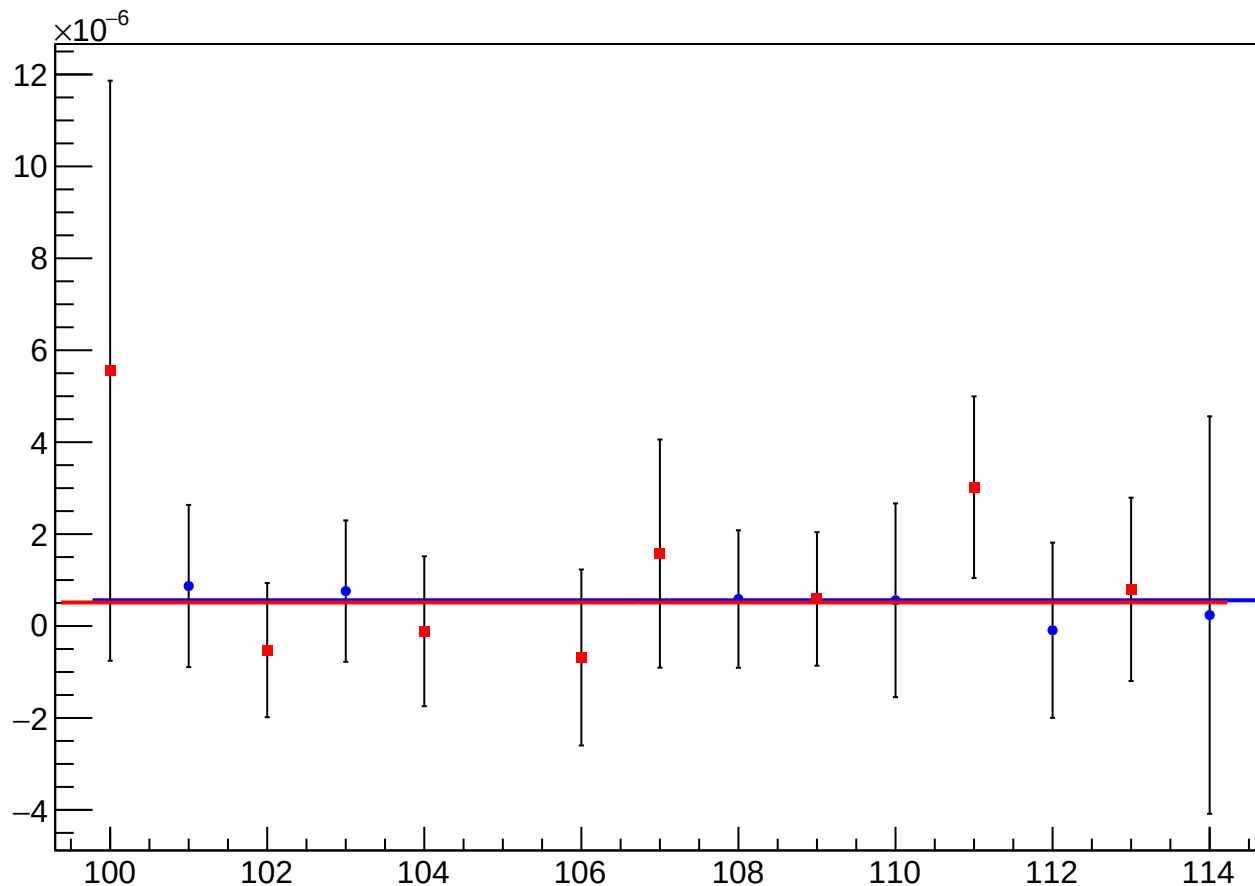
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.236 $\pm$ 0.010 χ^2 /NDF: 803515.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/7

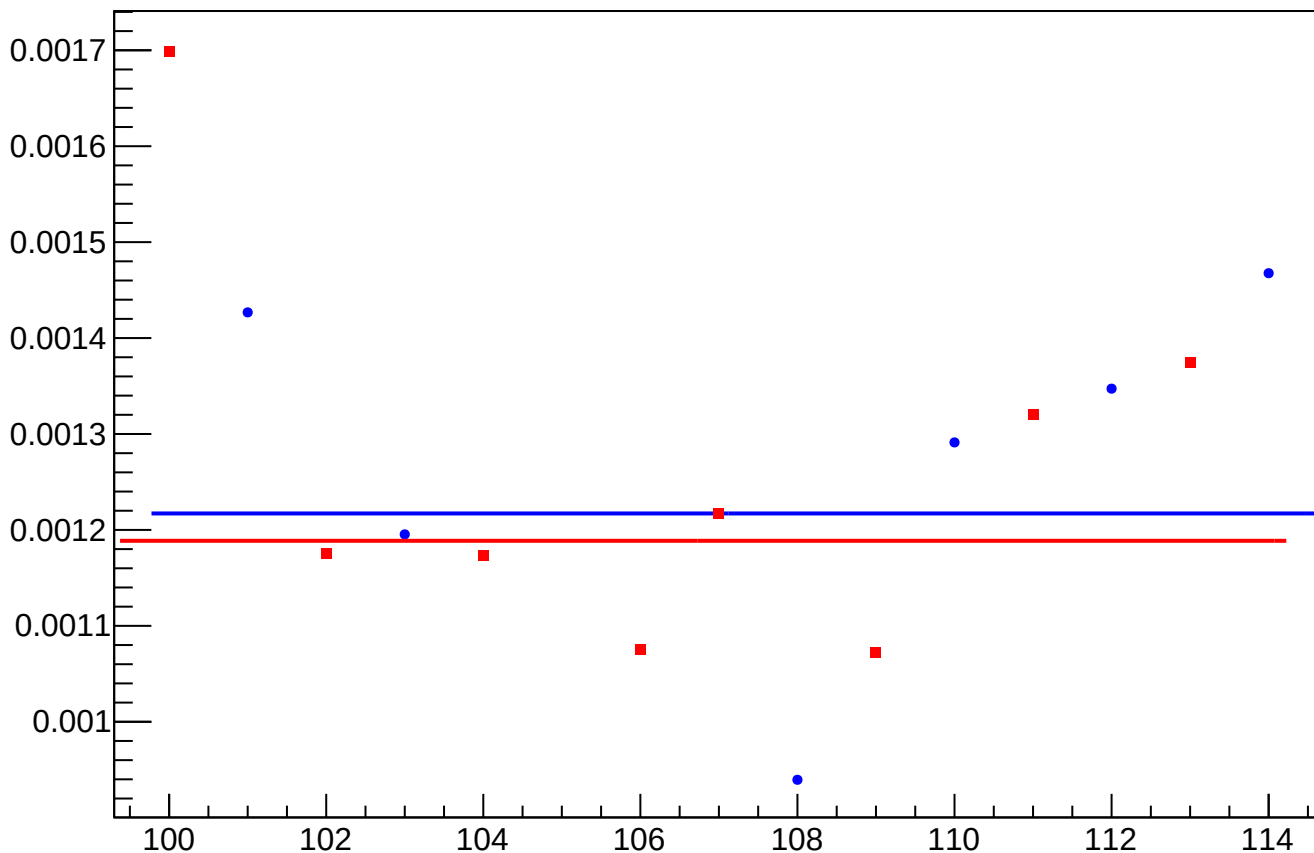
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 116012.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 59721.0/7

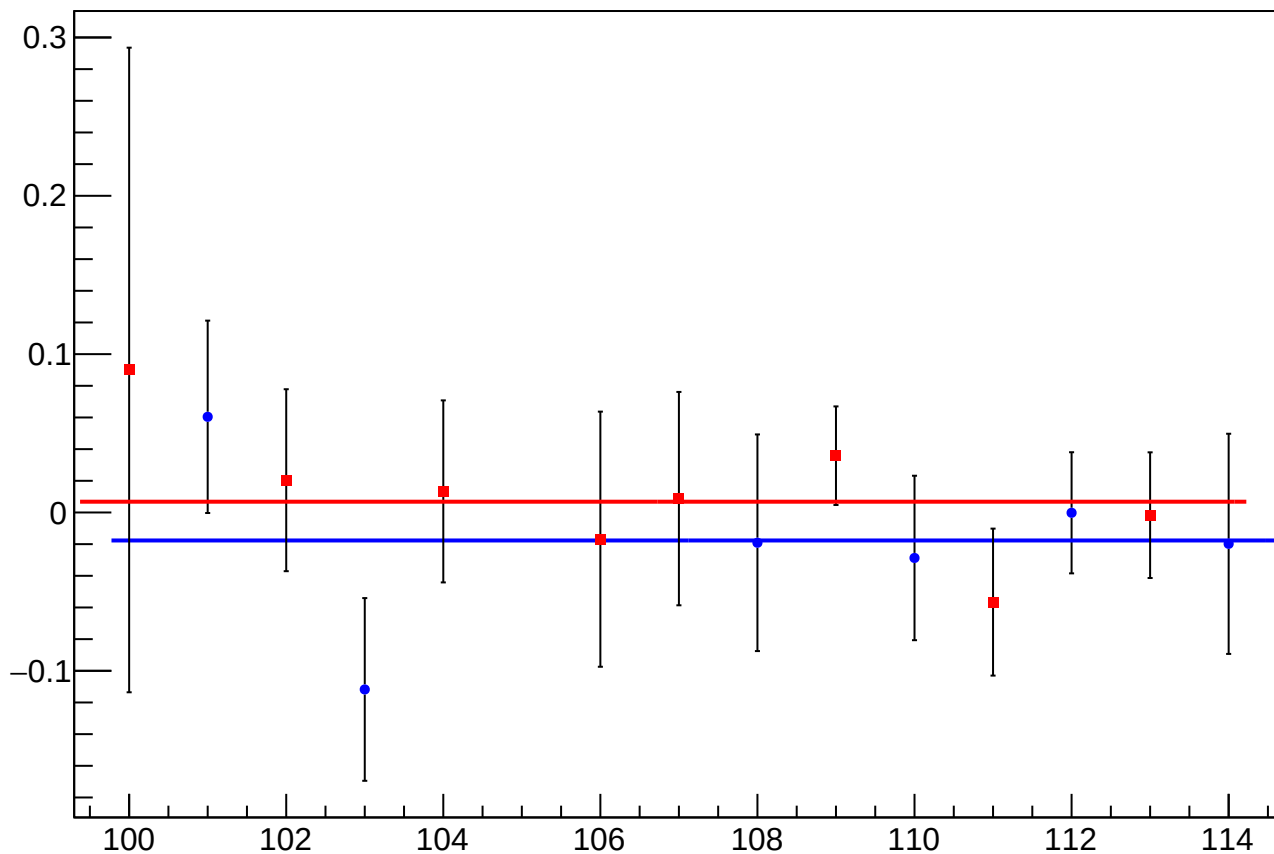
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 177341.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.022 χ^2/NDF : 4.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.018 χ^2/NDF : 3.1/7

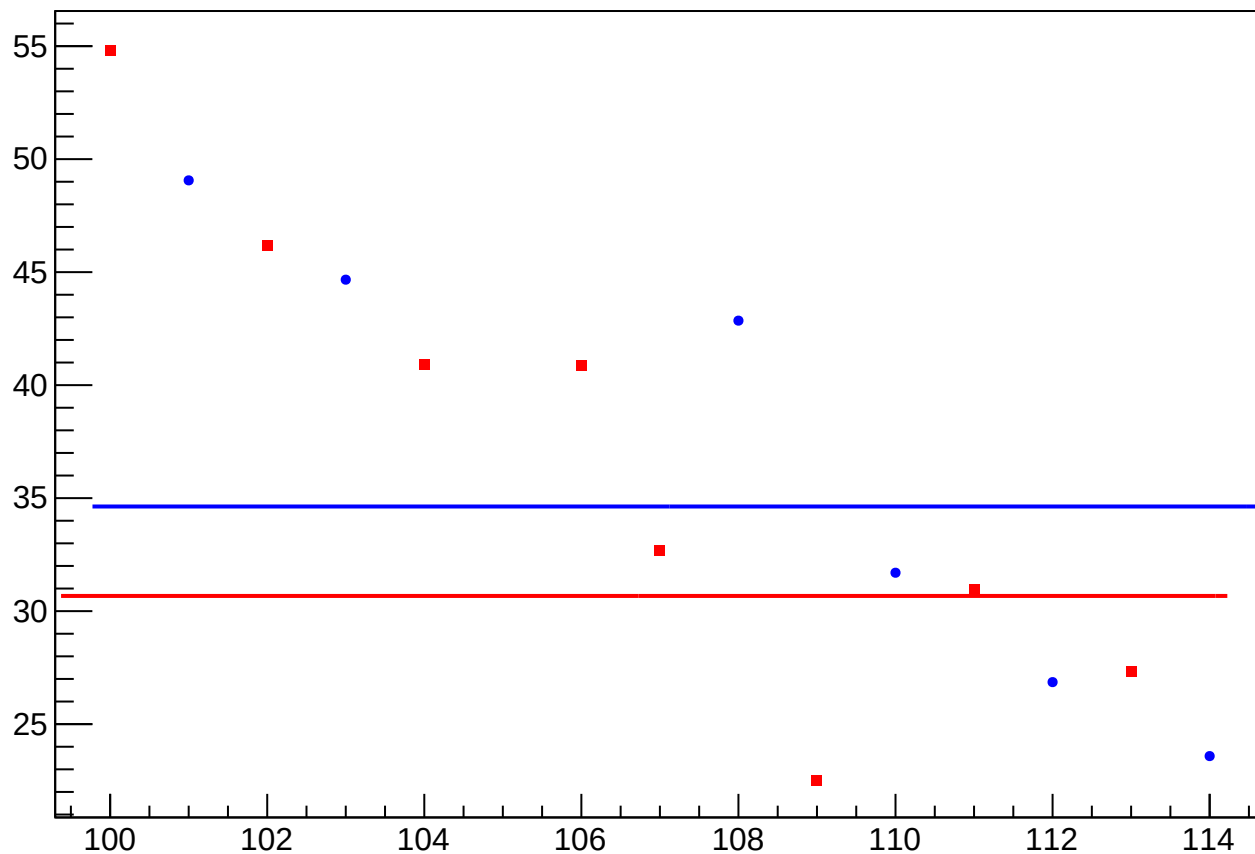
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.014 χ^2/NDF : 8.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 34.630 $\pm$ 0.016 χ^2 /NDF: 341644.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.672 $\pm$ 0.013 χ^2 /NDF: 423137.7/7

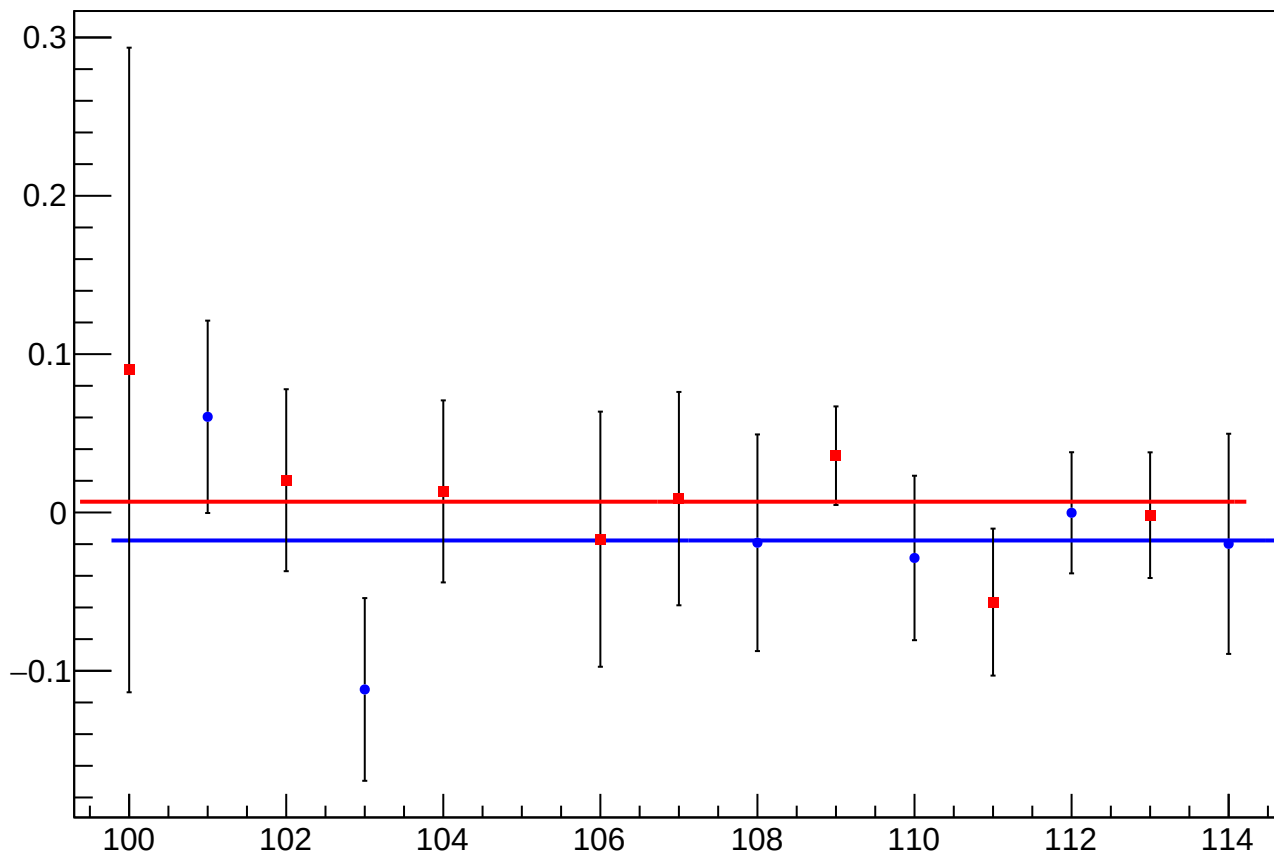
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.235 $\pm$ 0.010 χ^2 /NDF: 803565.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.022 χ^2/NDF : 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 $\pm$ 0.018 χ^2/NDF : 3.1/7

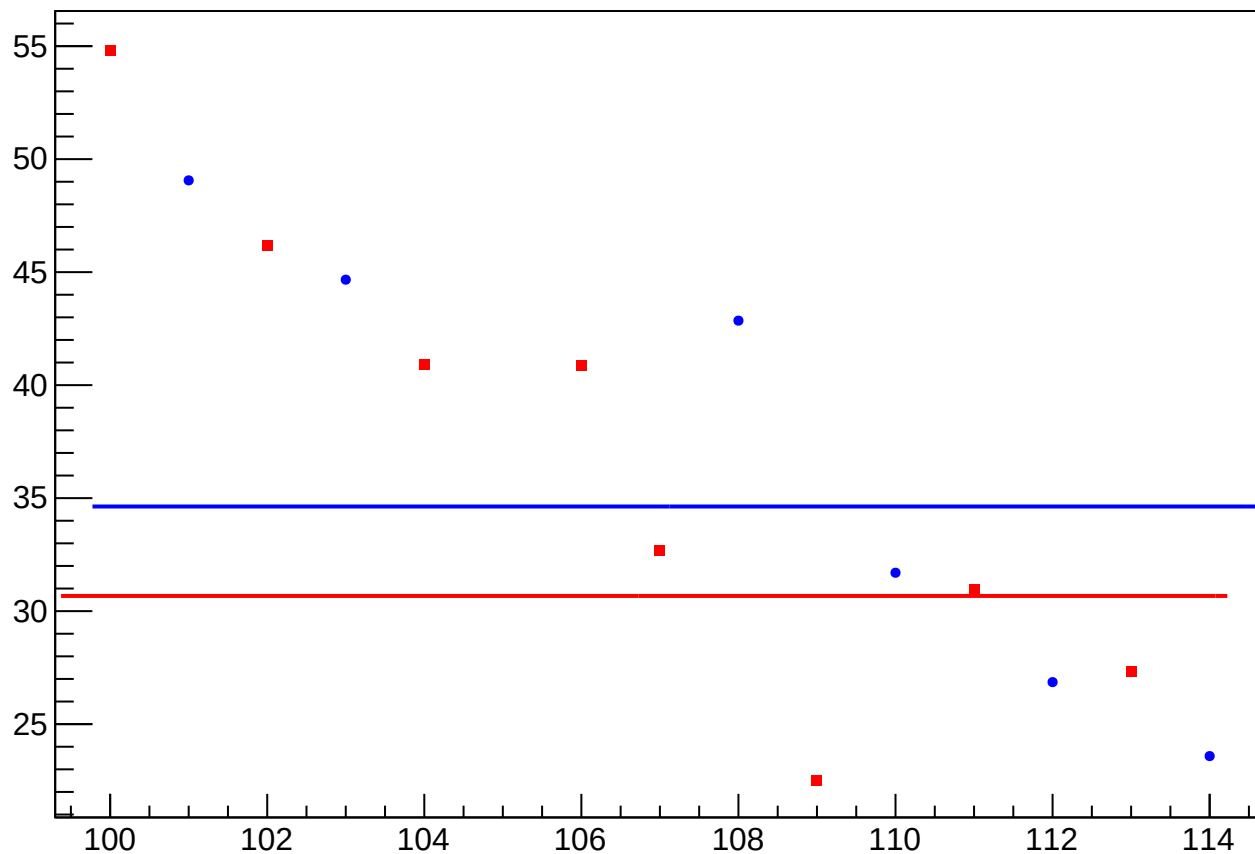
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.003 $\pm$ 0.014 χ^2/NDF : 8.4/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.630 $\pm$ 0.016 χ^2 /NDF: 341644.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.672 $\pm$ 0.013 χ^2 /NDF: 423137.7/7

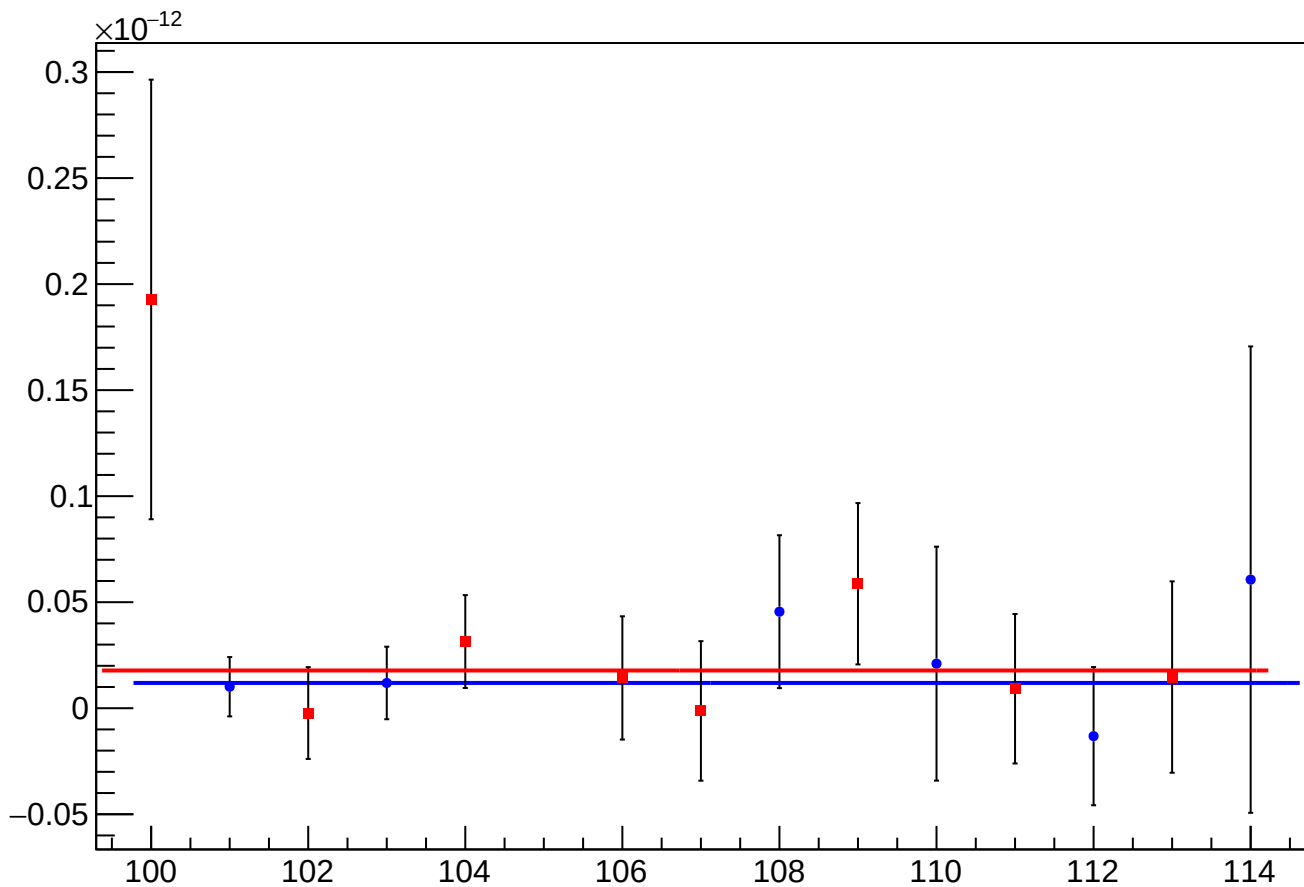
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.235 $\pm$ 0.010 χ^2 /NDF: 803565.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/7

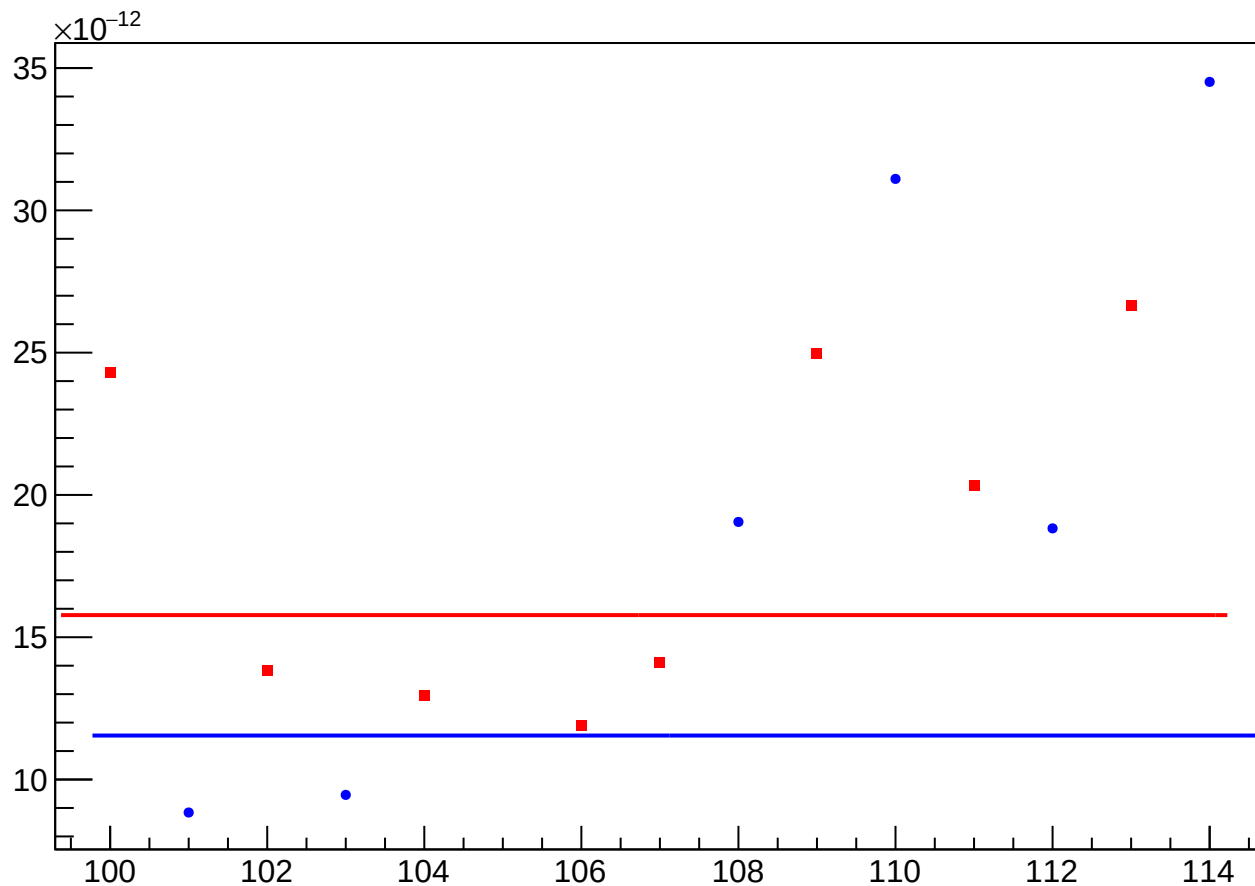
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 629812.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 369570.6/7

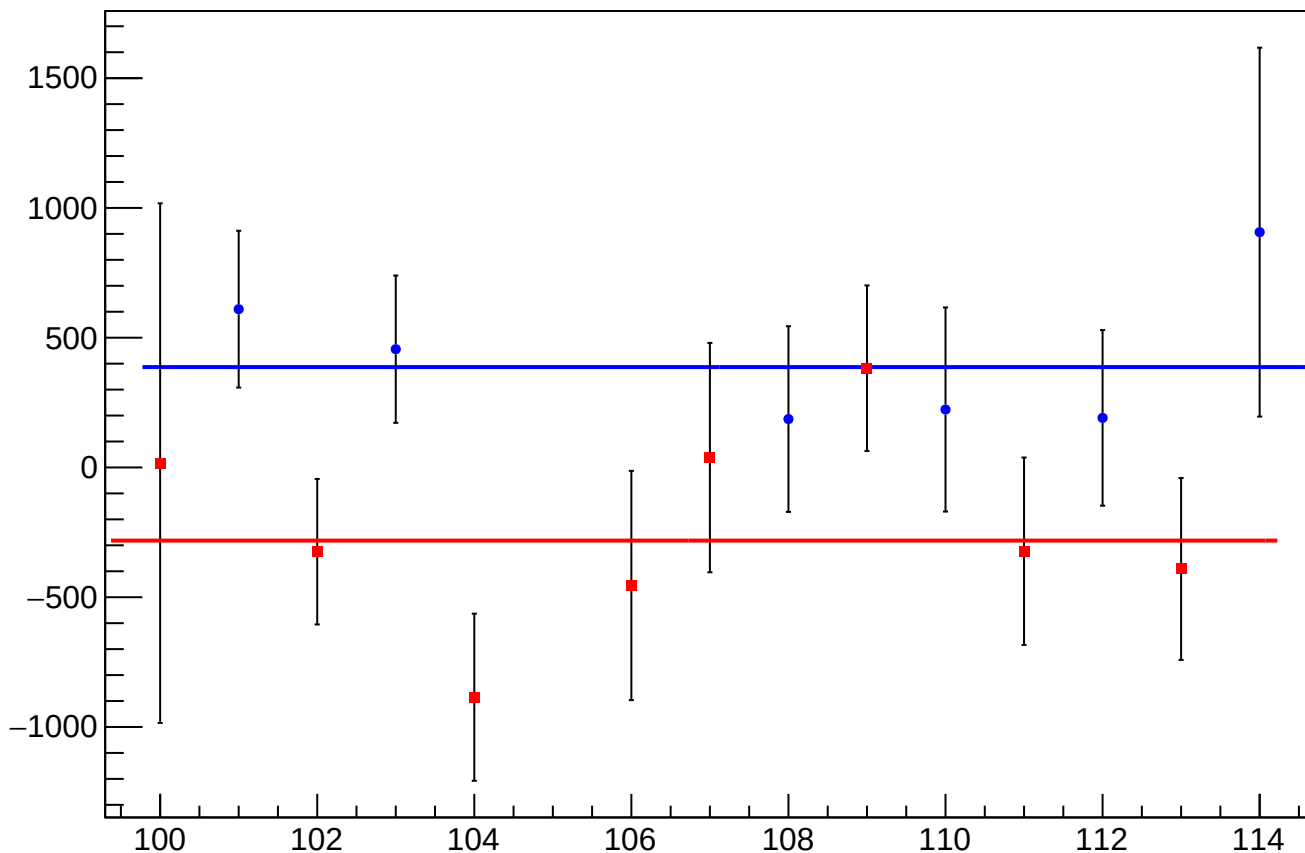
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1167688.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 386.720 $\pm$ 143.778 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -281.742 $\pm$ 129.923 χ^2 /NDF: 8.7/7

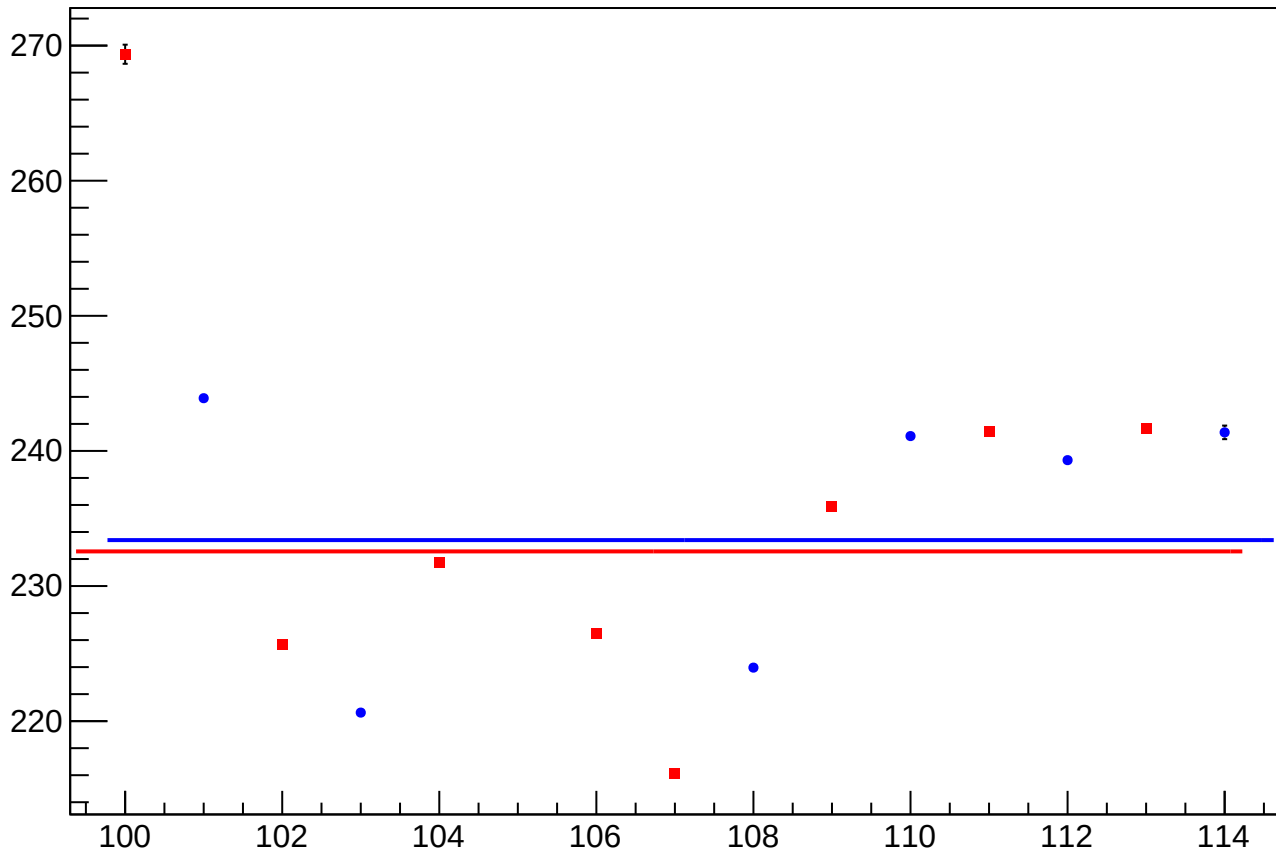
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.736 $\pm$ 96.397 χ^2 /NDF: 22.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_rms vs Slug



Right In: 233.400 $\pm$ 0.102 χ^2 /NDF: 9489.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 232.563 $\pm$ 0.092 χ^2 /NDF: 9844.8/7

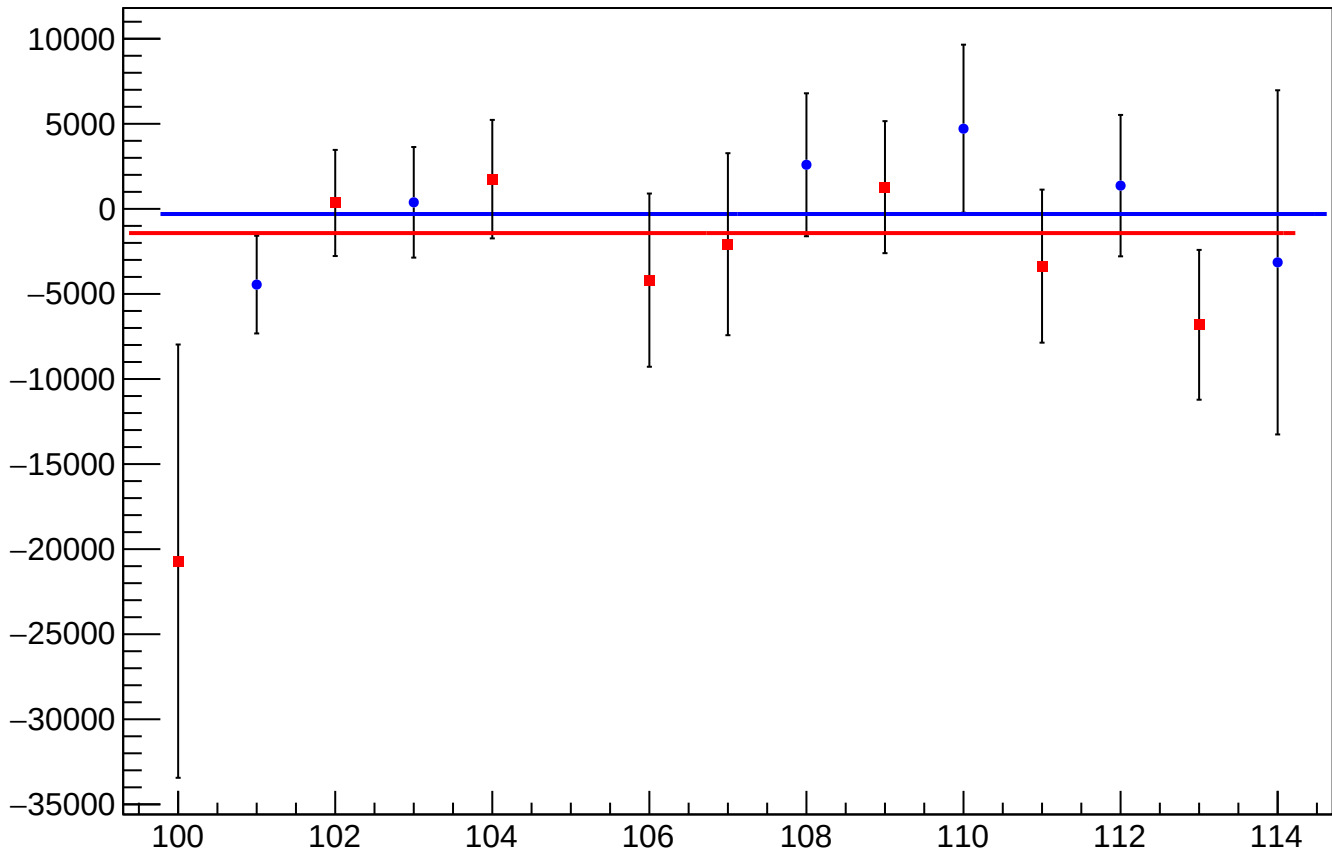
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.939 $\pm$ 0.068 χ^2 /NDF: 19371.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -301.458+/-1619.512 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1422.418+/-1520.728 χ^2/NDF : 5.9/7

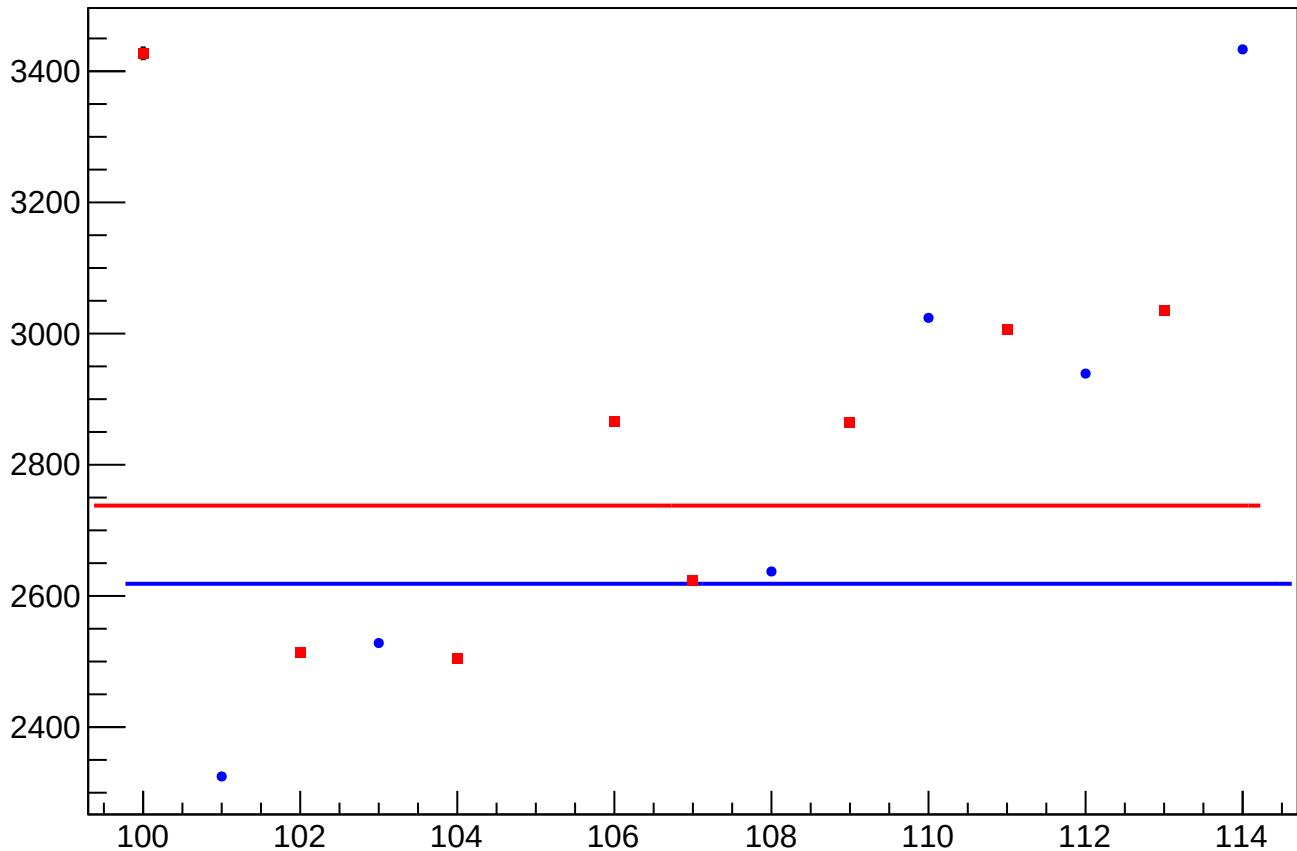
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -897.165+/-1108.595 χ^2/NDF : 10.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2618.569+/-1.145 χ^2/NDF : 60868.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2737.755+/-1.075 χ^2/NDF : 45837.6/7

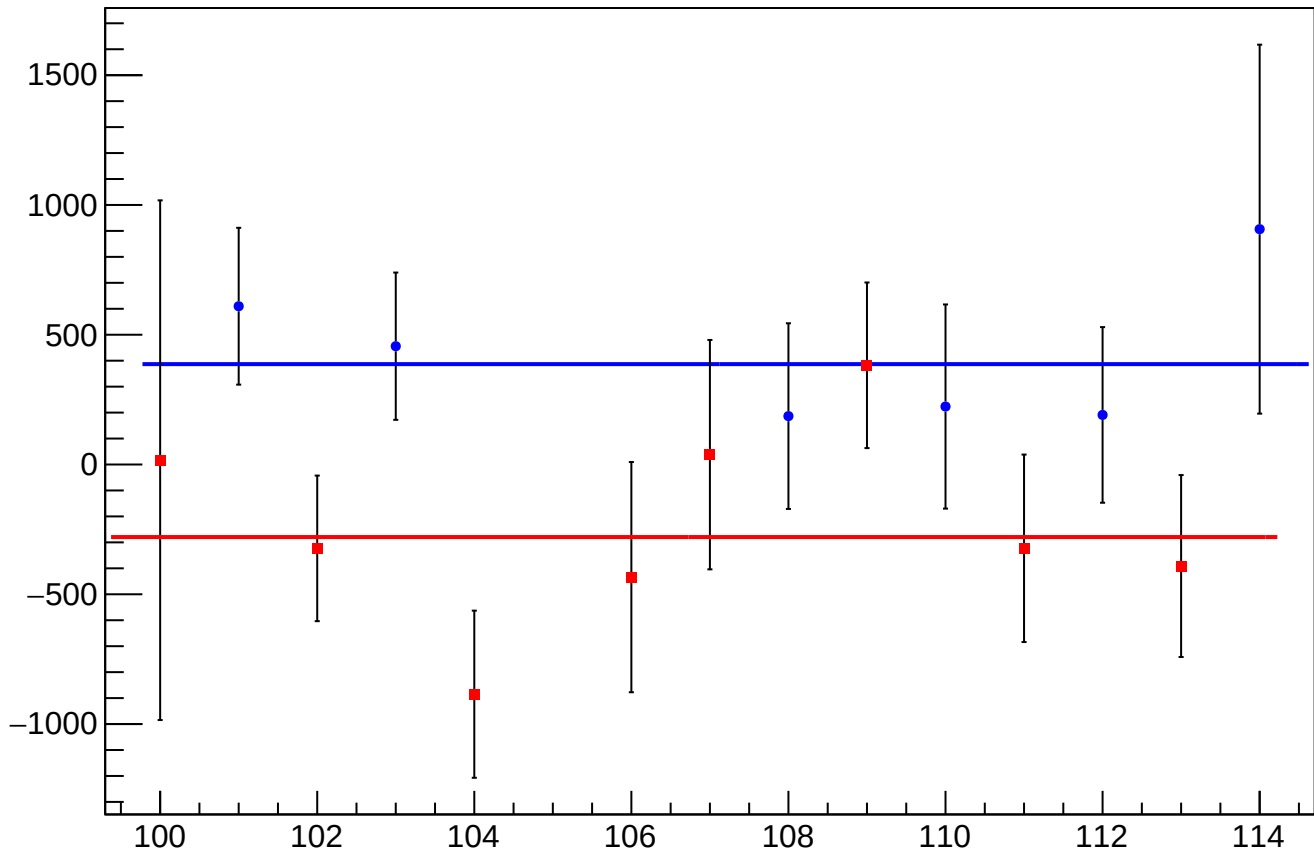
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.907+/-0.784 χ^2/NDF : 112462.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_dd_mean vs Slug



Right In: 386.753 $\pm$ 143.778 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -279.473 $\pm$ 129.977 χ^2 /NDF: 8.7/7

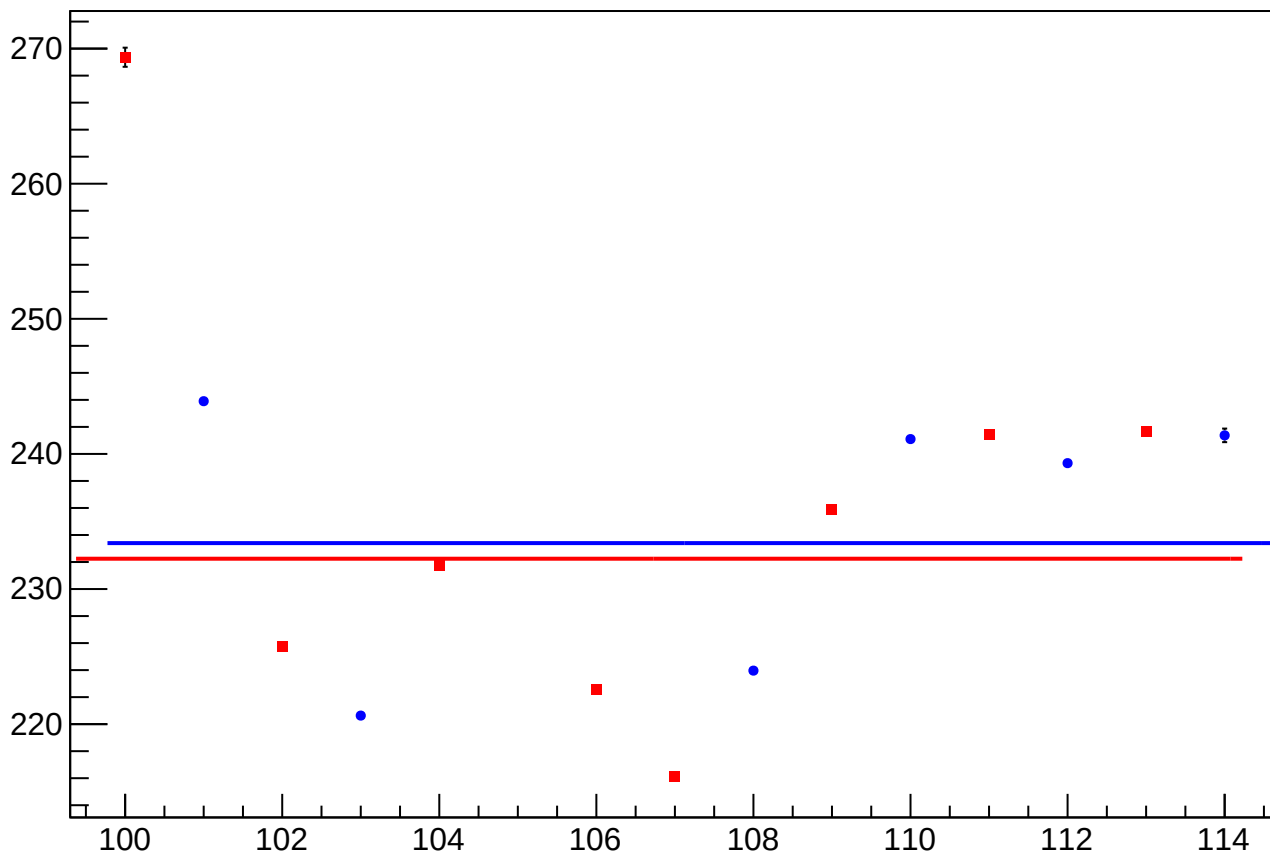
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.137 $\pm$ 96.419 χ^2 /NDF: 22.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 233.400 $\pm$ 0.102 χ^2 /NDF: 9489.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 232.244 $\pm$ 0.092 χ^2 /NDF: 10451.5/7

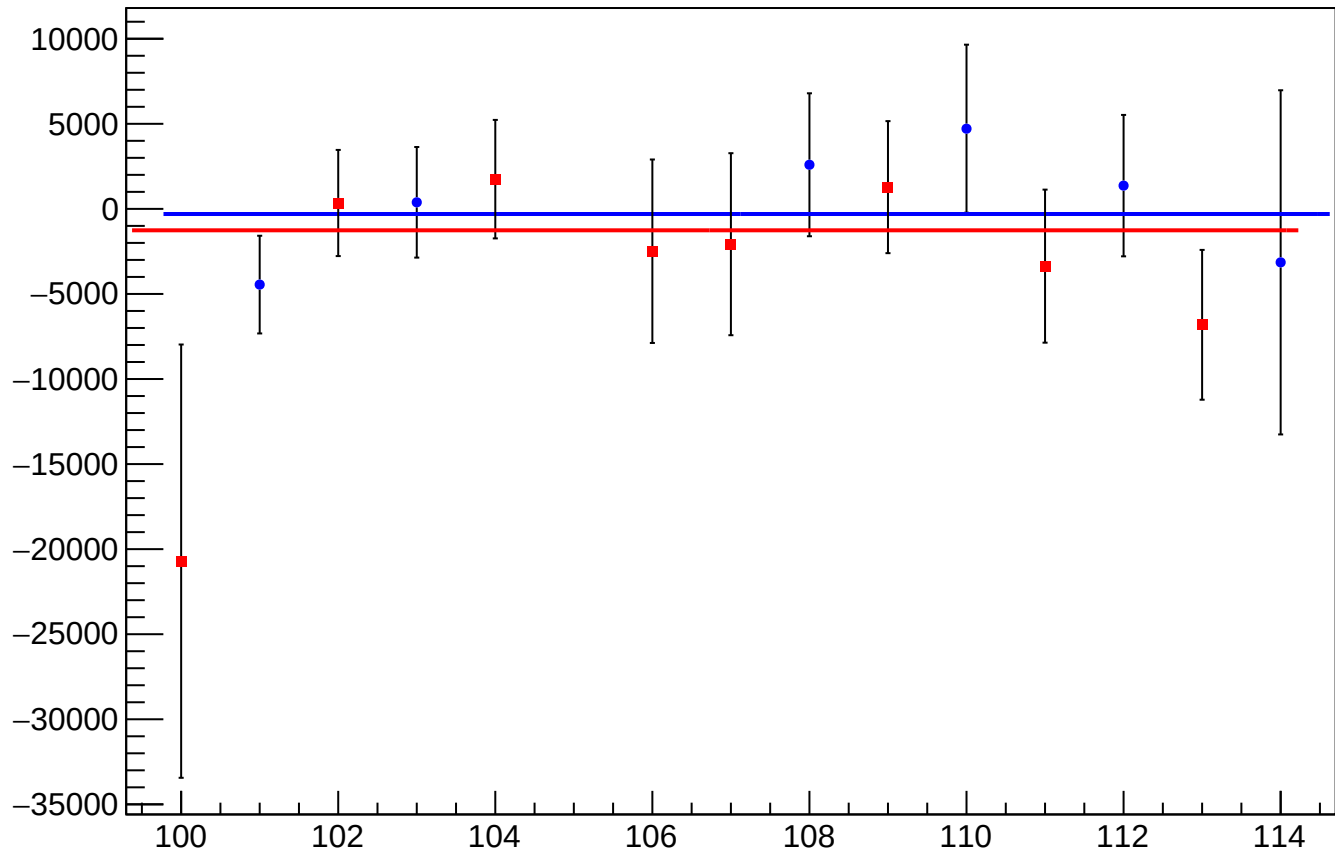
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.764 $\pm$ 0.068 χ^2 /NDF: 20011.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



Right In: -301.272+/-1619.522 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1259.646+/-1528.290 χ^2/NDF : 5.7/7

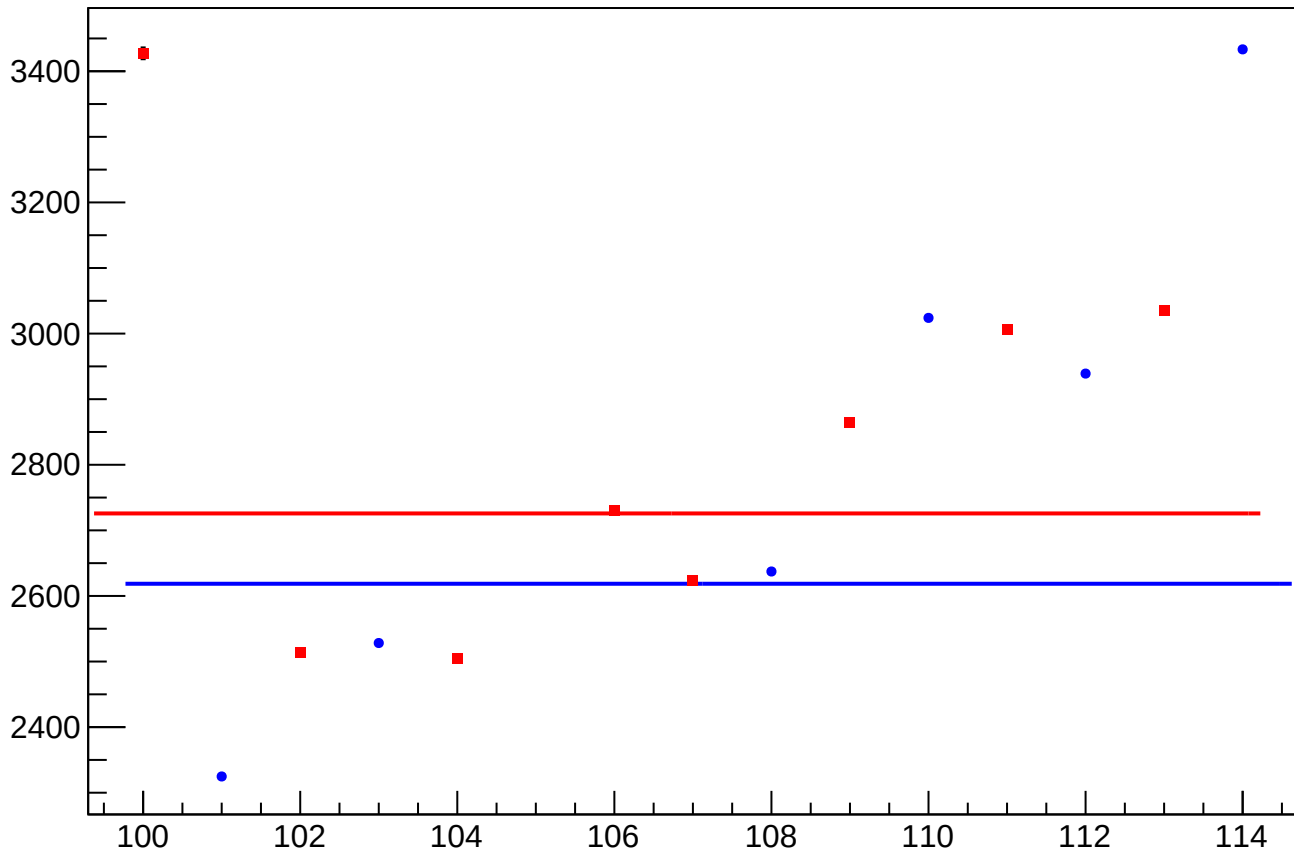
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -808.212+/-1111.518 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2618.586+/-1.145 χ^2/NDF : 60866.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.800+/-1.081 χ^2/NDF : 44341.5/7

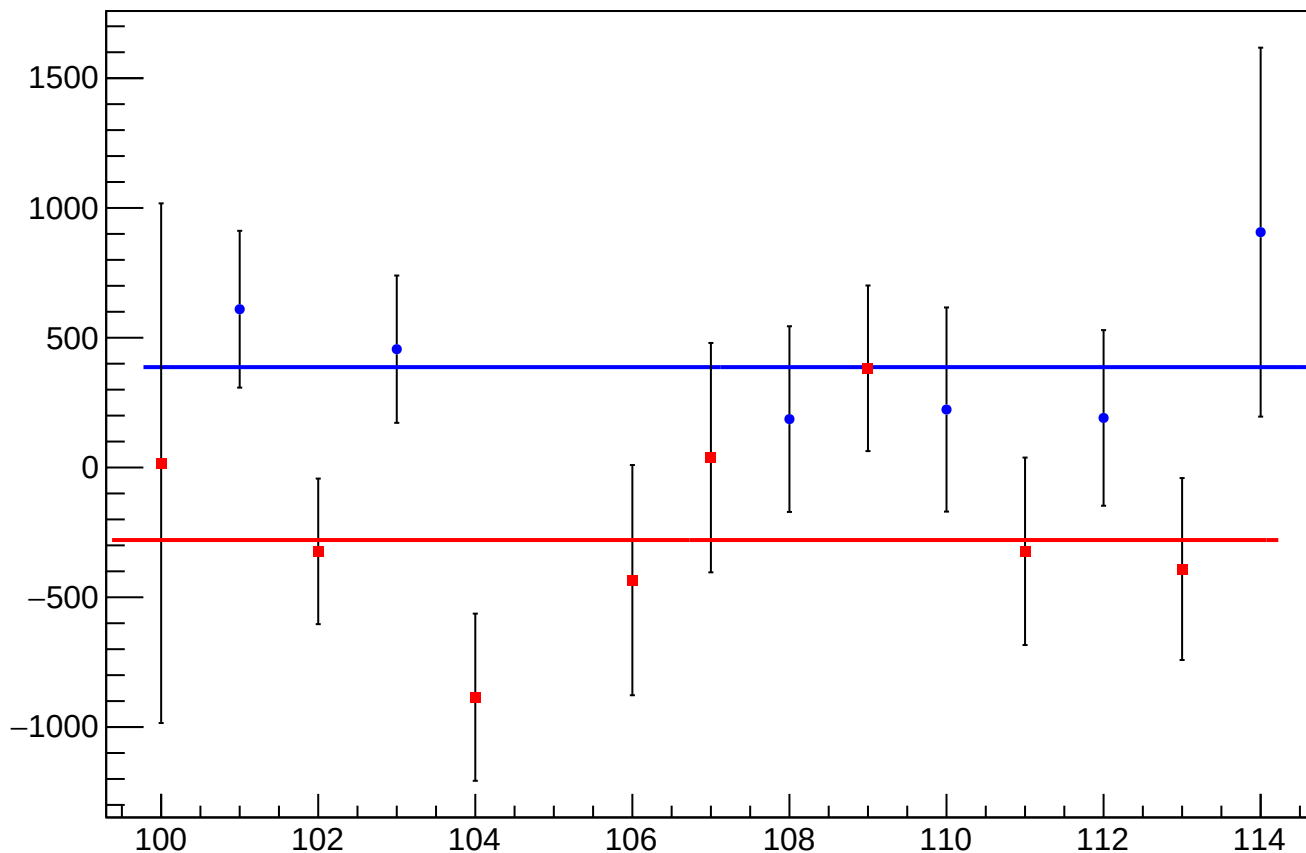
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.298+/-0.786 χ^2/NDF : 109844.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 386.753 $\pm$ 143.778 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -279.473 $\pm$ 129.977 χ^2 /NDF: 8.7/7

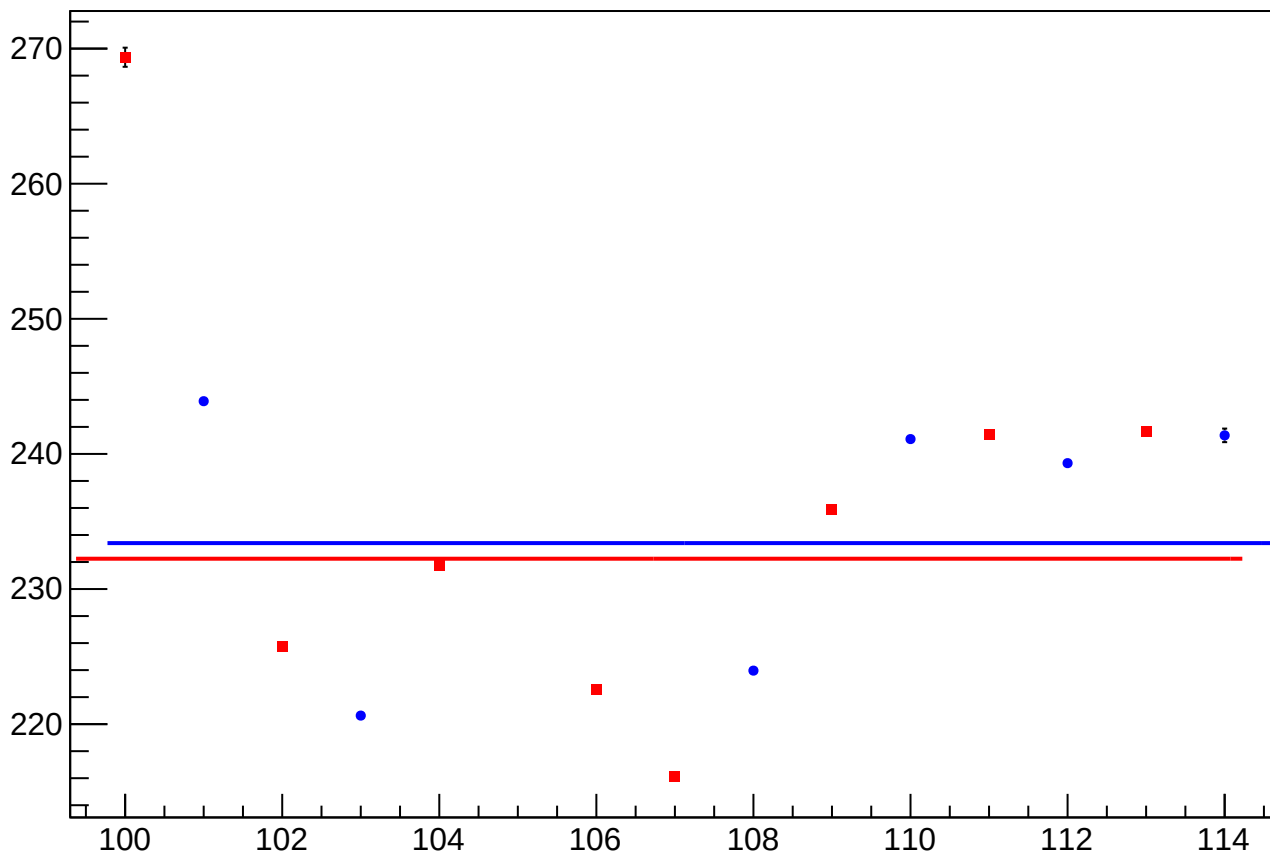
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.137 $\pm$ 96.419 χ^2 /NDF: 22.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 233.400 $\pm$ 0.102 χ^2 /NDF: 9489.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 232.244 $\pm$ 0.092 χ^2 /NDF: 10451.5/7

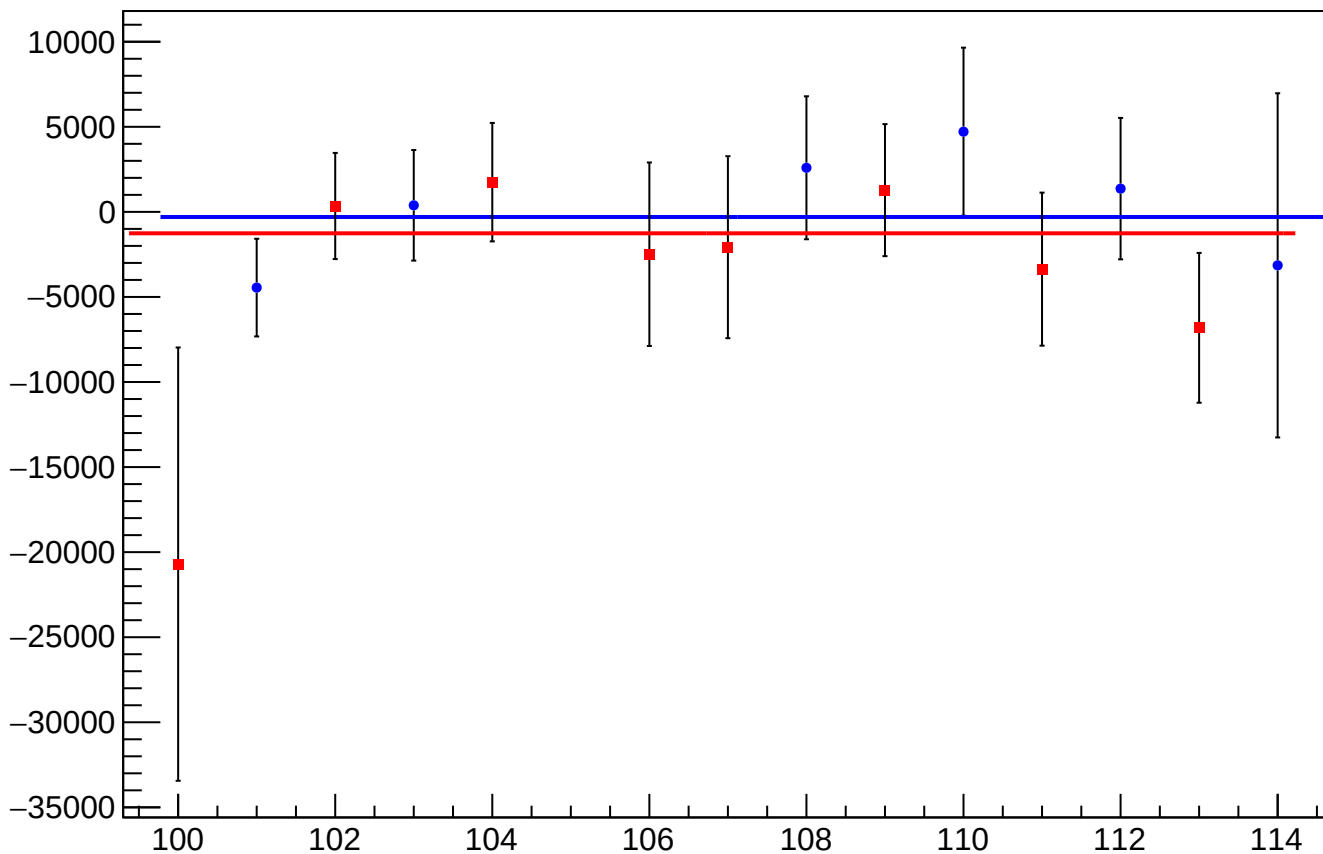
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.764 $\pm$ 0.068 χ^2 /NDF: 20011.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



Right In: -301.272+/-1619.522 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1259.646+/-1528.290 χ^2/NDF : 5.7/7

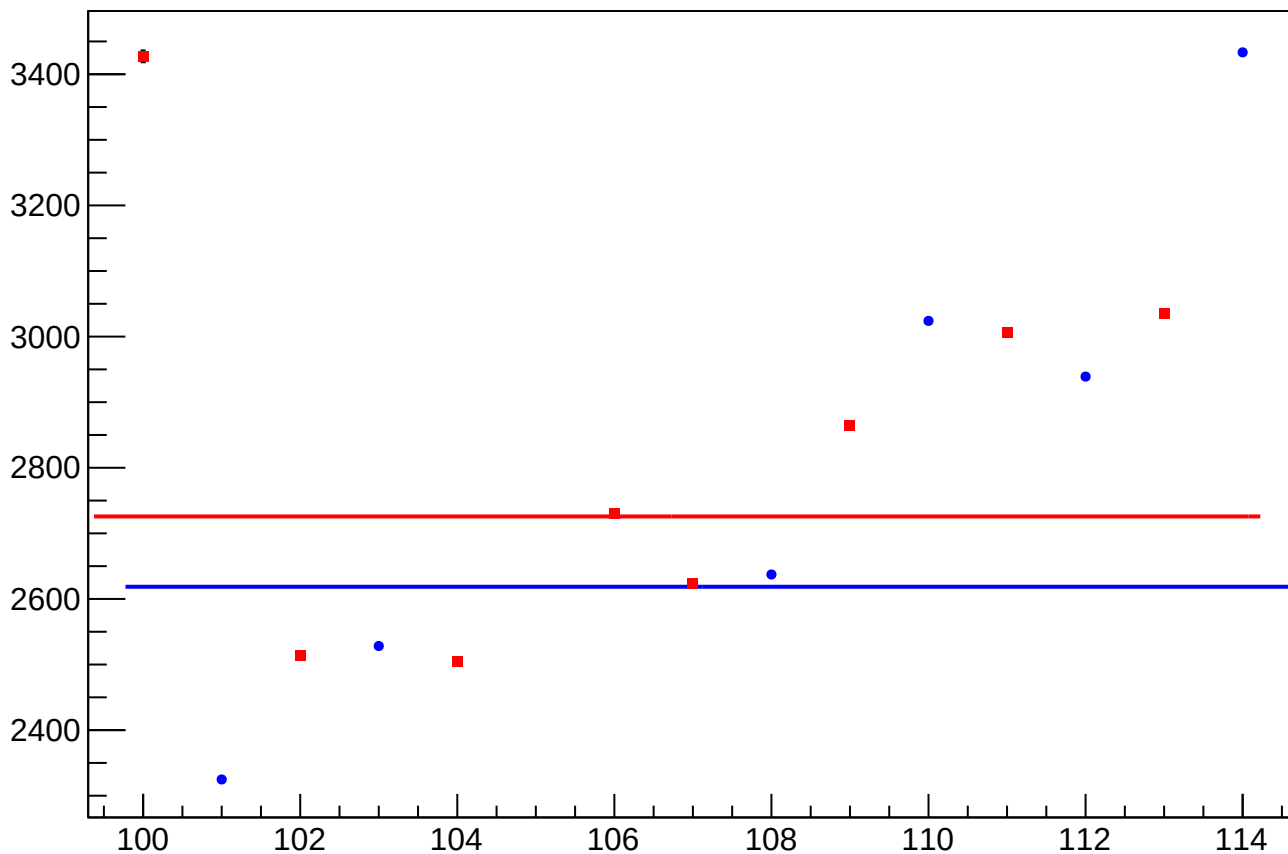
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -808.212+/-1111.518 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2618.586 $\pm$ 1.145 χ^2 /NDF: 60866.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2725.800 $\pm$ 1.081 χ^2 /NDF: 44341.5/7

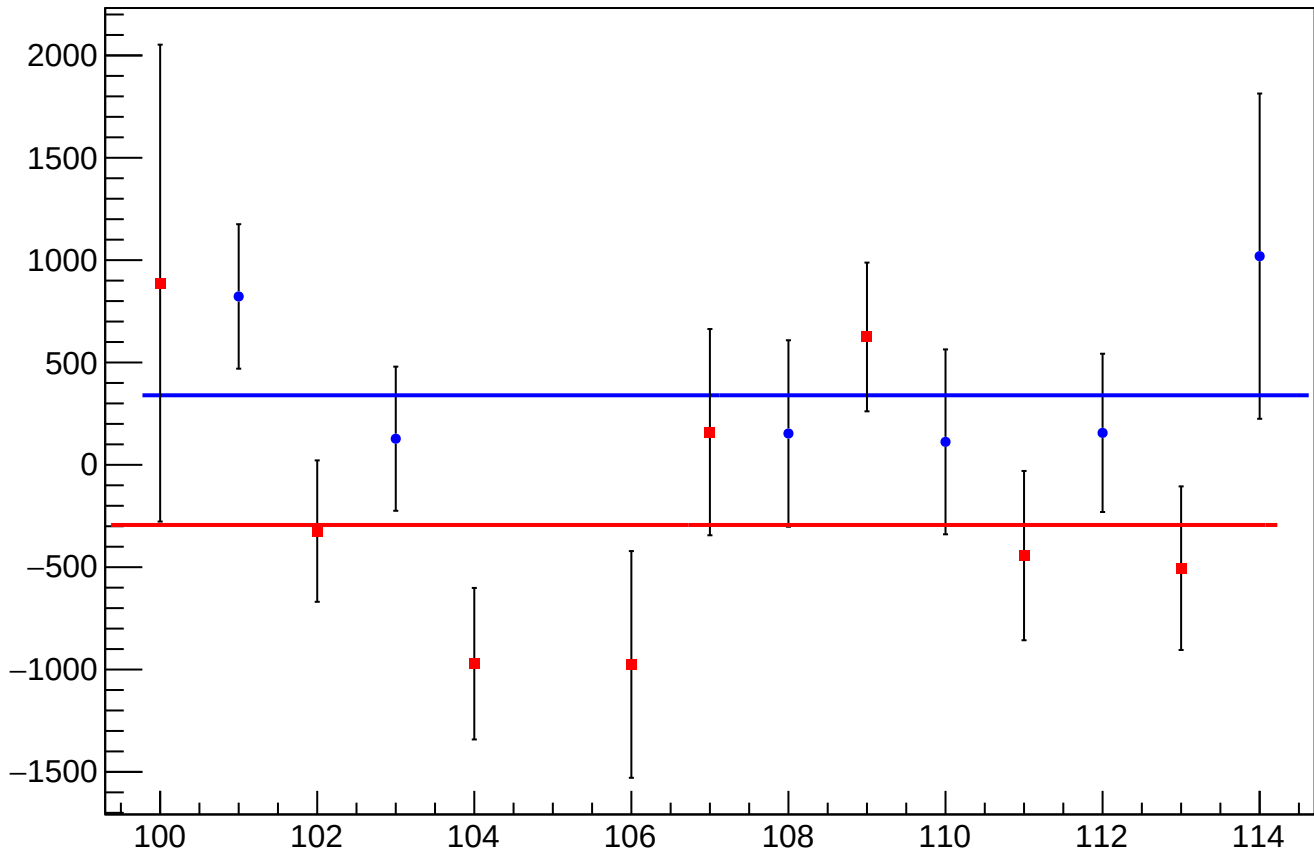
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2675.298 $\pm$ 0.786 χ^2 /NDF: 109844.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_mean vs Slug



Right In: 339.752 $\pm$ 171.256 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -293.771 $\pm$ 151.958 χ^2 /NDF: 13.5/7

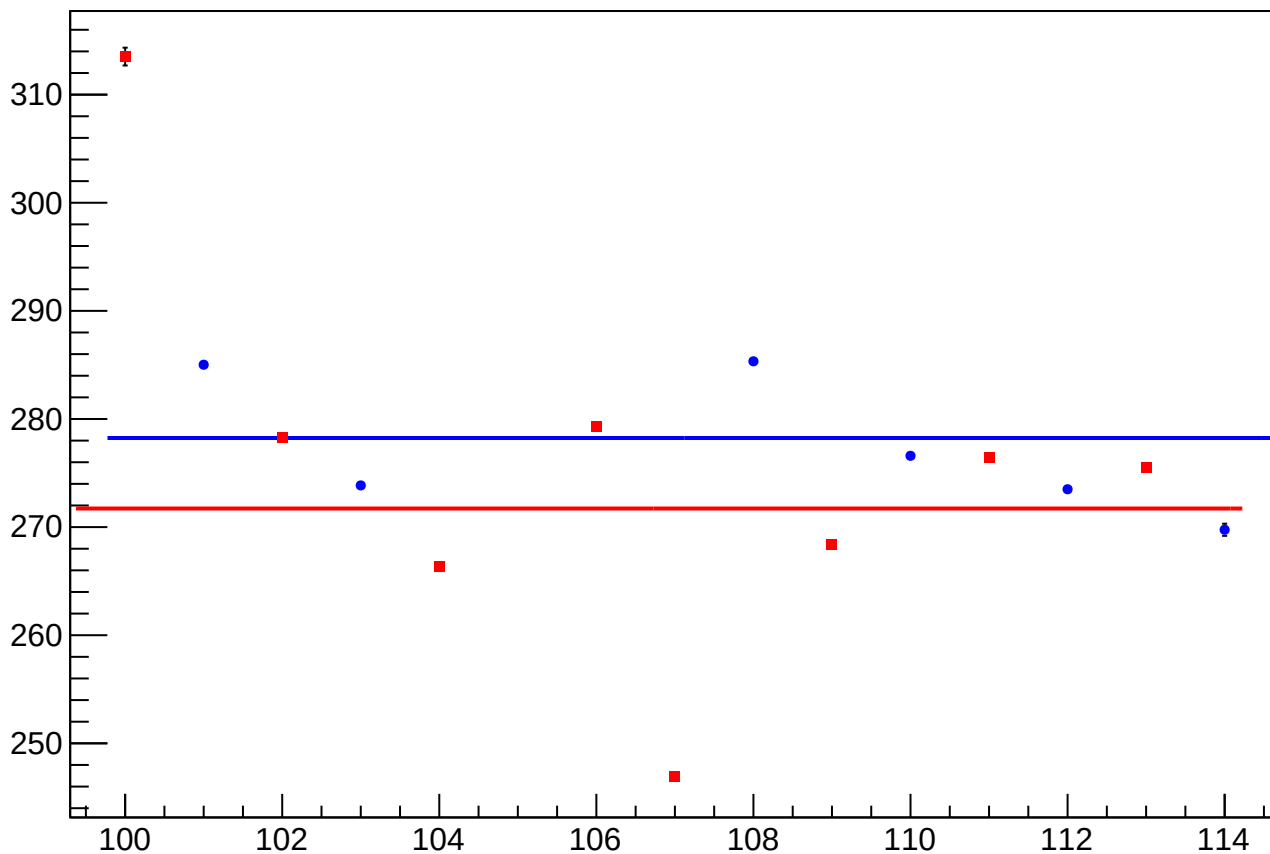
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.699 $\pm$ 113.664 χ^2 /NDF: 24.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 278.242 $\pm$ 0.121 χ^2 /NDF: 2089.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 271.719 $\pm$ 0.107 χ^2 /NDF: 9566.7/7

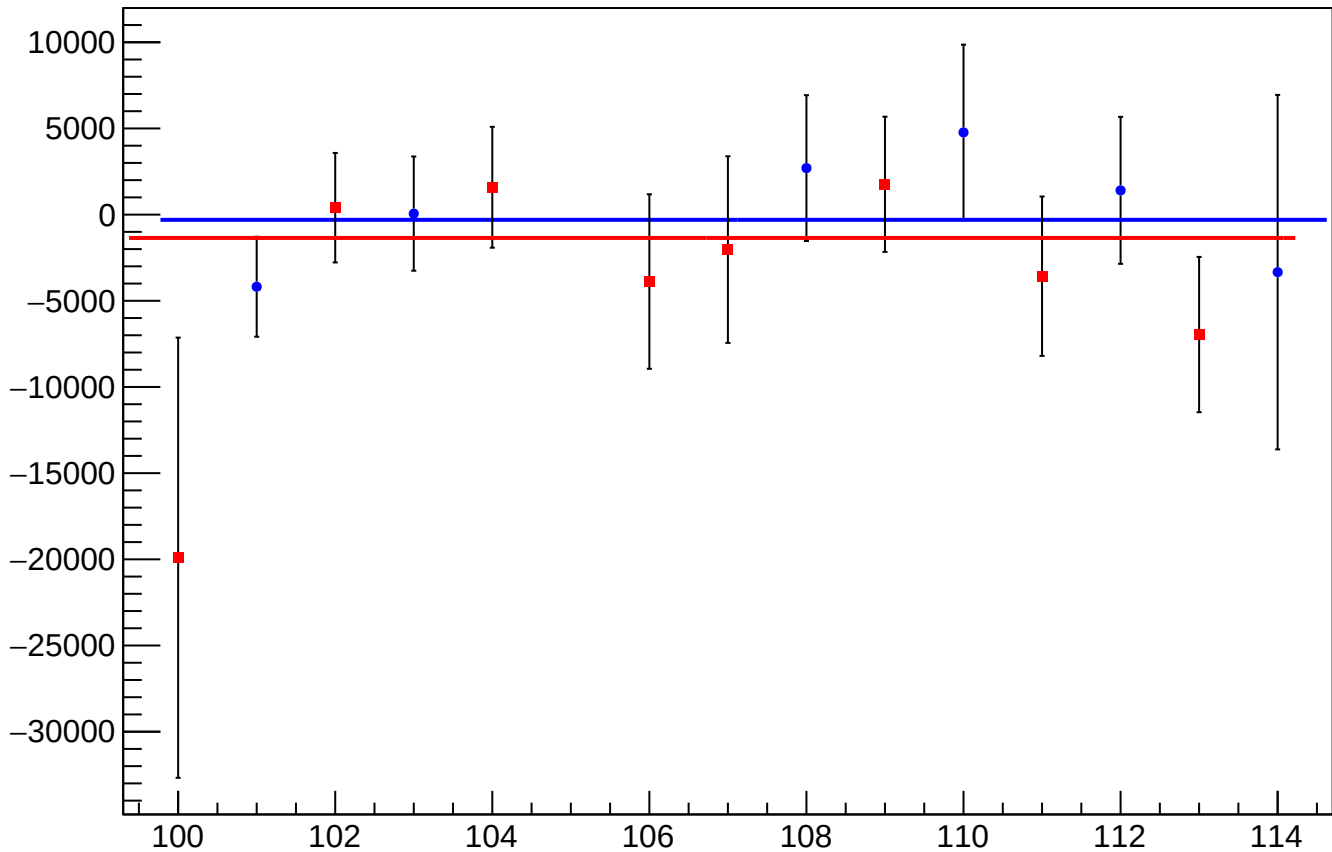
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.592 $\pm$ 0.080 χ^2 /NDF: 13279.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_mean vs Slug



Right In: -302.159+/-1646.310 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1353.061+/-1541.730 χ^2/NDF : 5.8/7

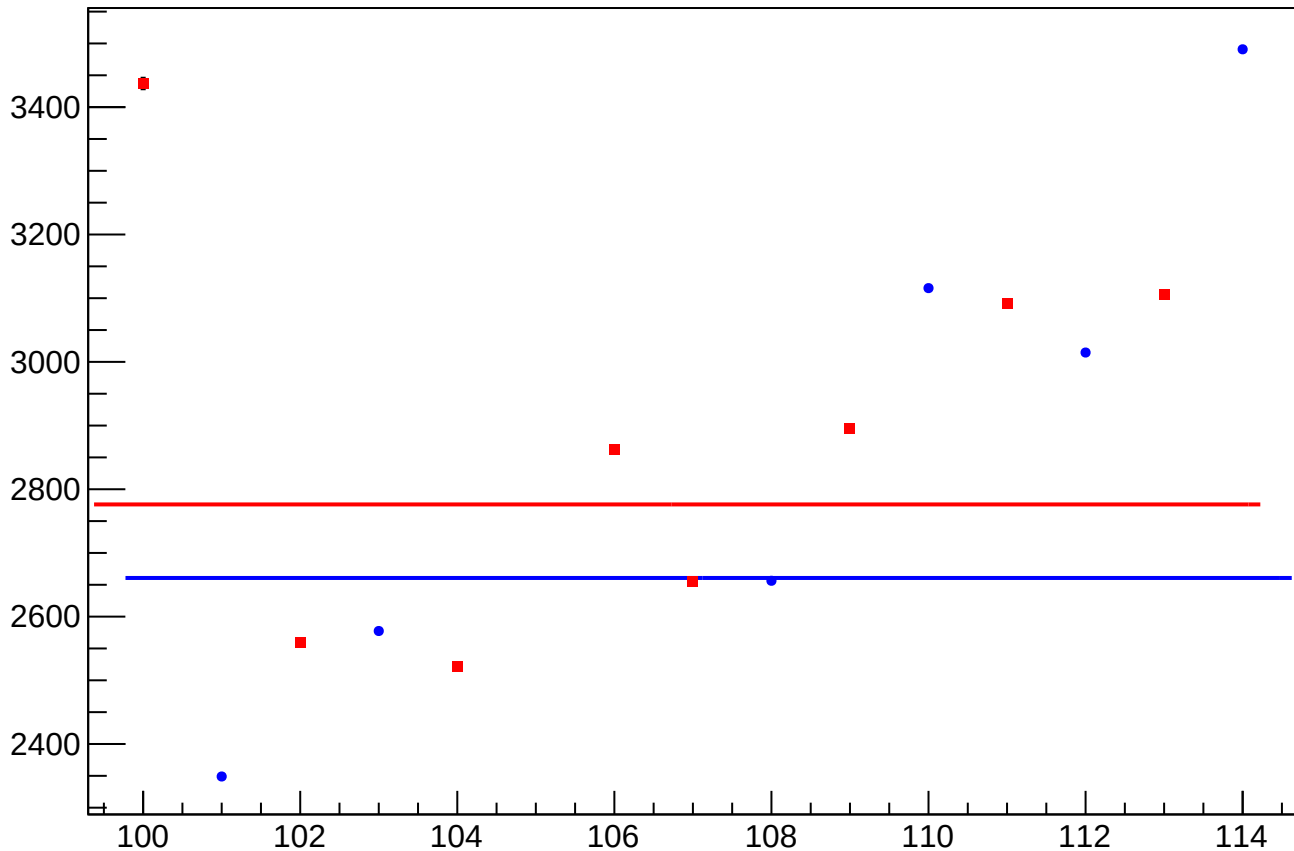
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -862.046+/-1125.324 χ^2/NDF : 9.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2660.699 $\pm$ 1.164 χ^2 /NDF: 67190.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2776.164 $\pm$ 1.090 χ^2 /NDF: 48499.6/7

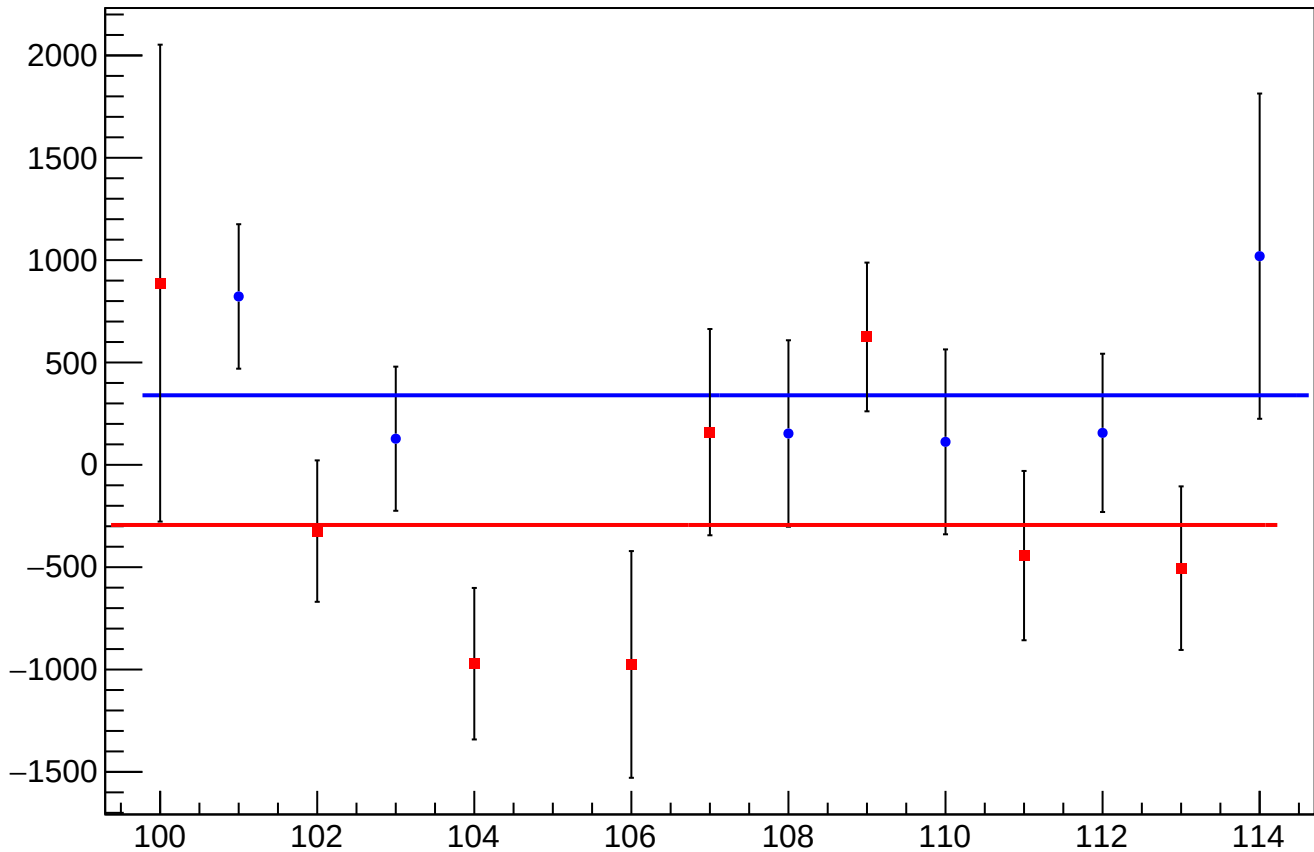
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2722.215 $\pm$ 0.796 χ^2 /NDF: 120931.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 339.743 $\pm$ 171.254 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -293.764 $\pm$ 151.958 χ^2 /NDF: 13.5/7

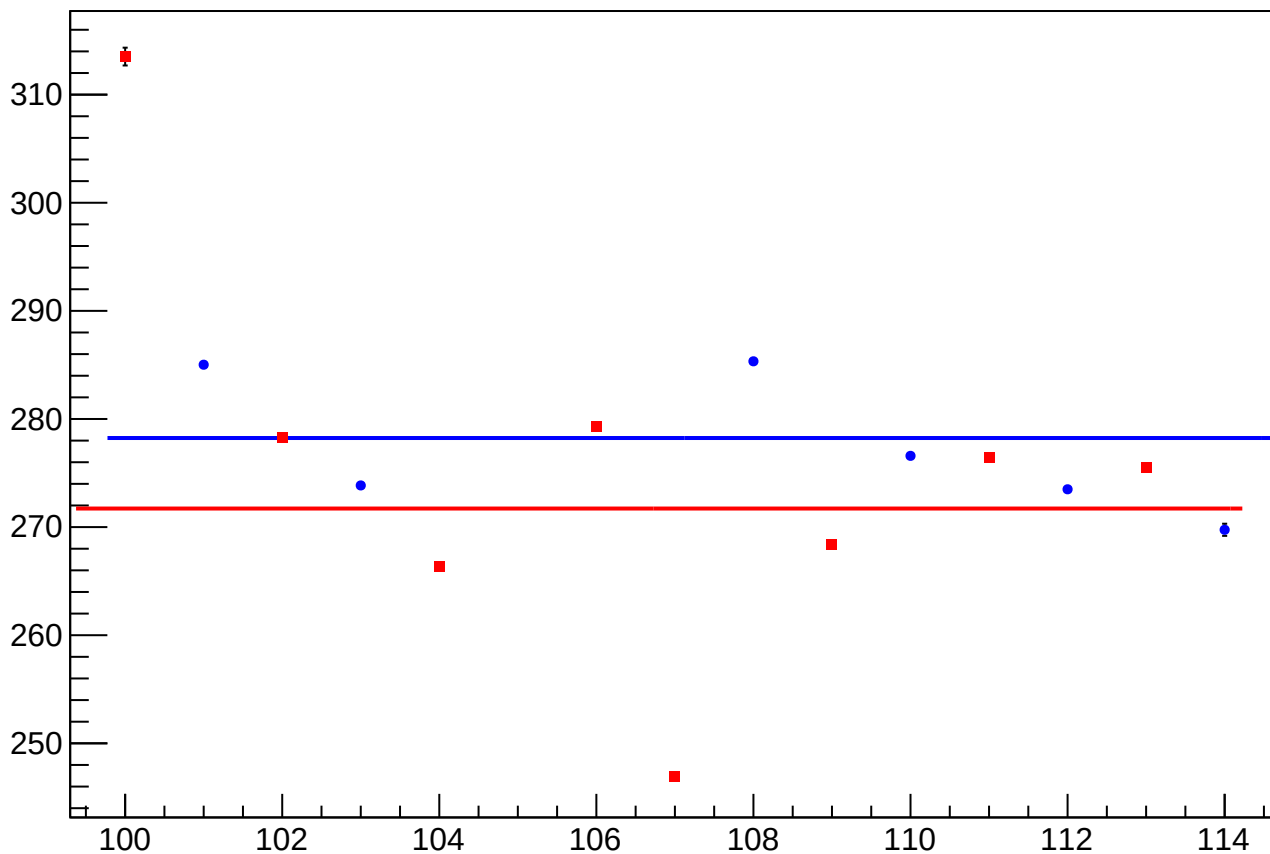
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.698 $\pm$ 113.663 χ^2 /NDF: 24.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 278.240 $\pm$ 0.121 χ^2 /NDF: 2090.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 271.717 $\pm$ 0.107 χ^2 /NDF: 9565.9/7

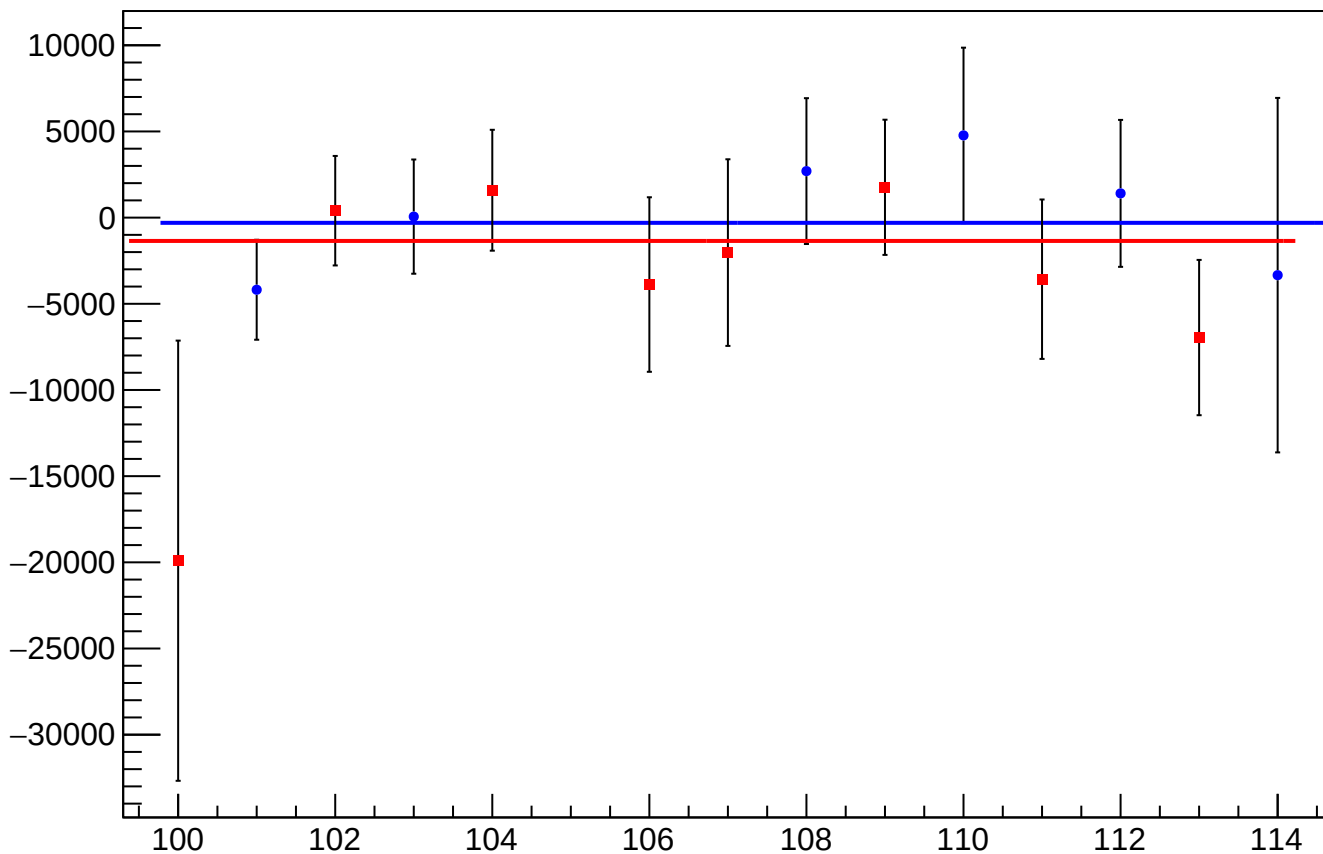
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.590 $\pm$ 0.080 χ^2 /NDF: 13279.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



Right In: -302.160+/-1646.306 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1353.056+/-1541.725 χ^2/NDF : 5.8/7

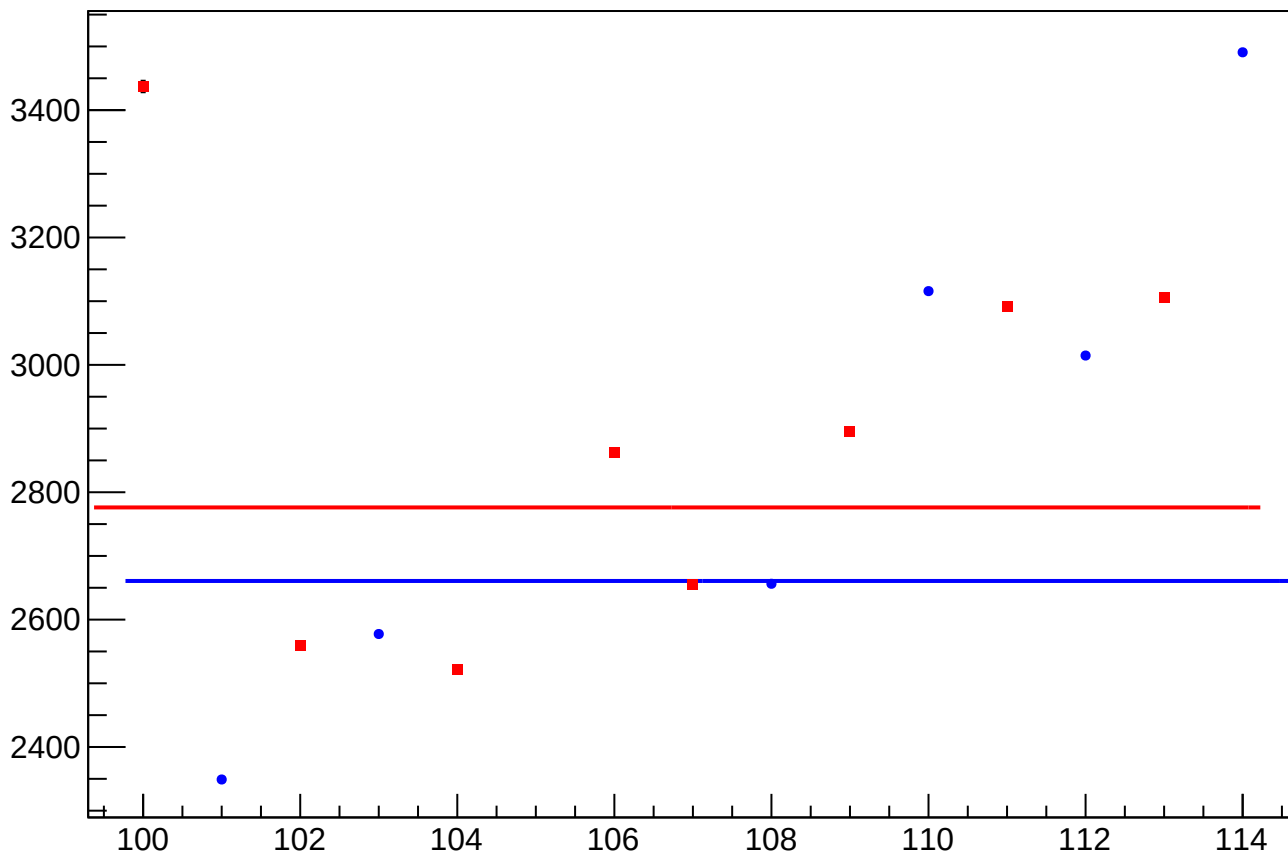
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -862.044+/-1125.321 χ^2/NDF : 9.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2660.692 $\pm$ 1.164 χ^2 /NDF: 67189.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2776.156 $\pm$ 1.090 χ^2 /NDF: 48499.2/7

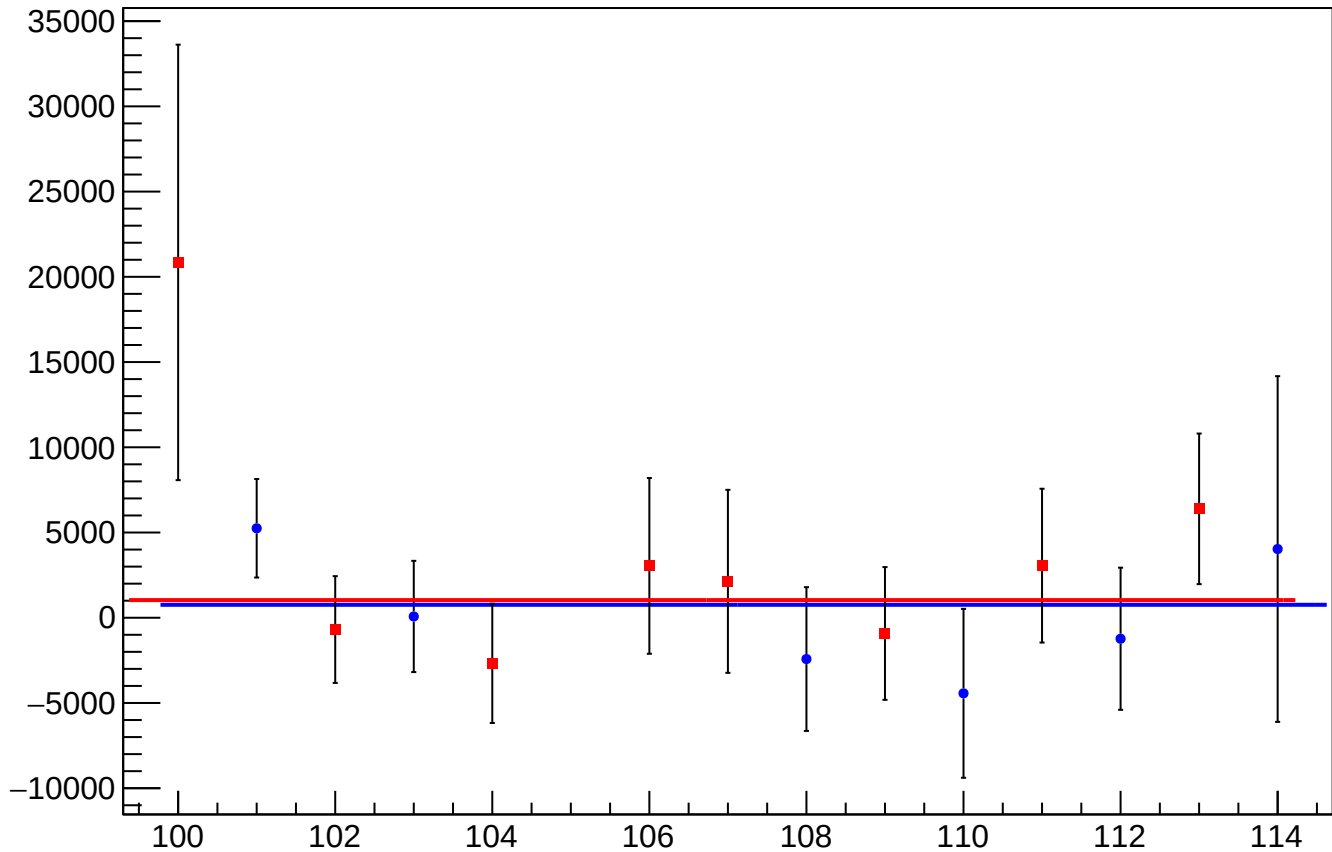
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2722.208 $\pm$ 0.796 χ^2 /NDF: 120929.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 759.959+/-1626.736 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.519+/-1527.609 χ^2/NDF : 6.0/7

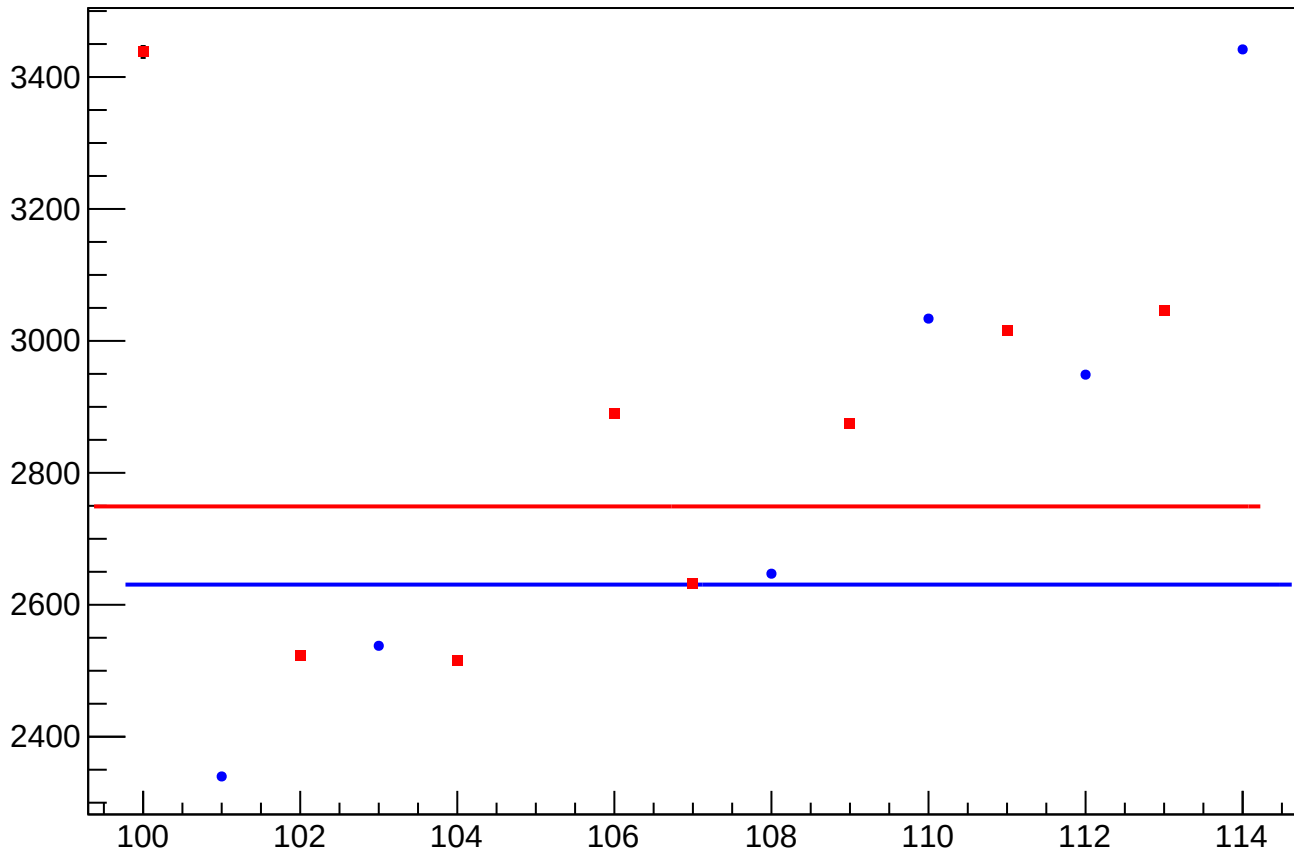
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.390+/-1113.578 χ^2/NDF : 10.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2630.604 $\pm$ 1.150 χ^2 /NDF: 59595.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2749.100 $\pm$ 1.080 χ^2 /NDF: 45658.0/7

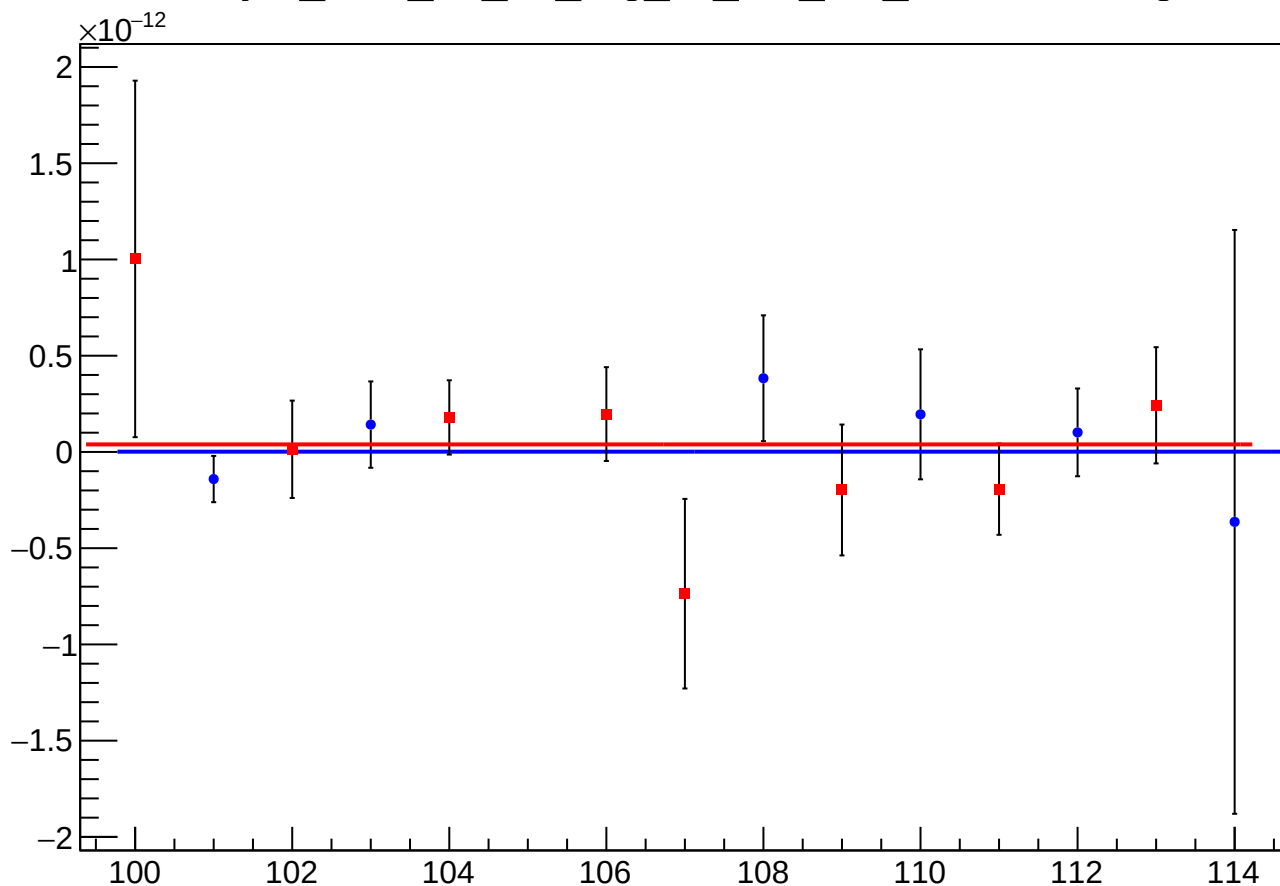
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2693.572 $\pm$ 0.787 χ^2 /NDF: 110892.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/7

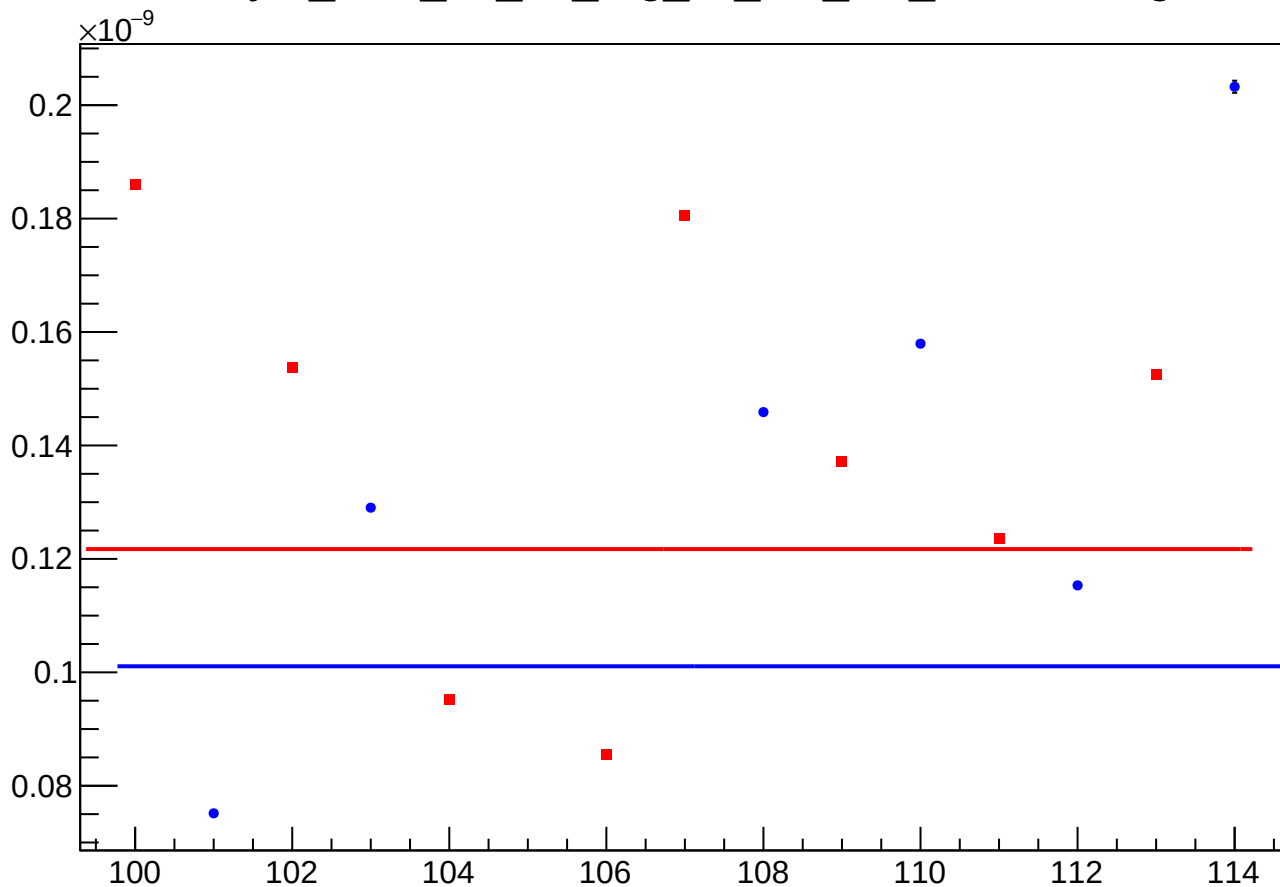
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 235215.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 177223.9/7

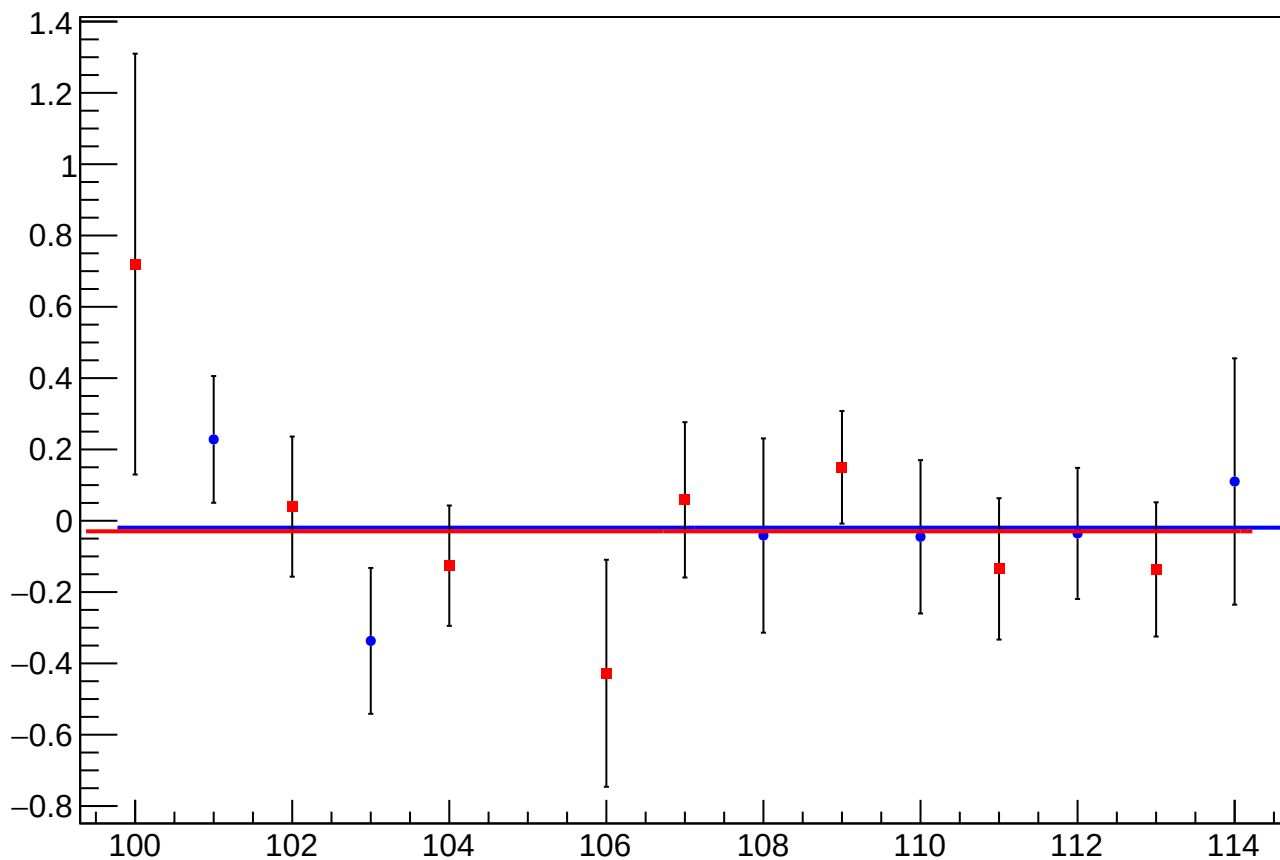
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 460721.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.088 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.073 χ^2 /NDF: 5.7/7

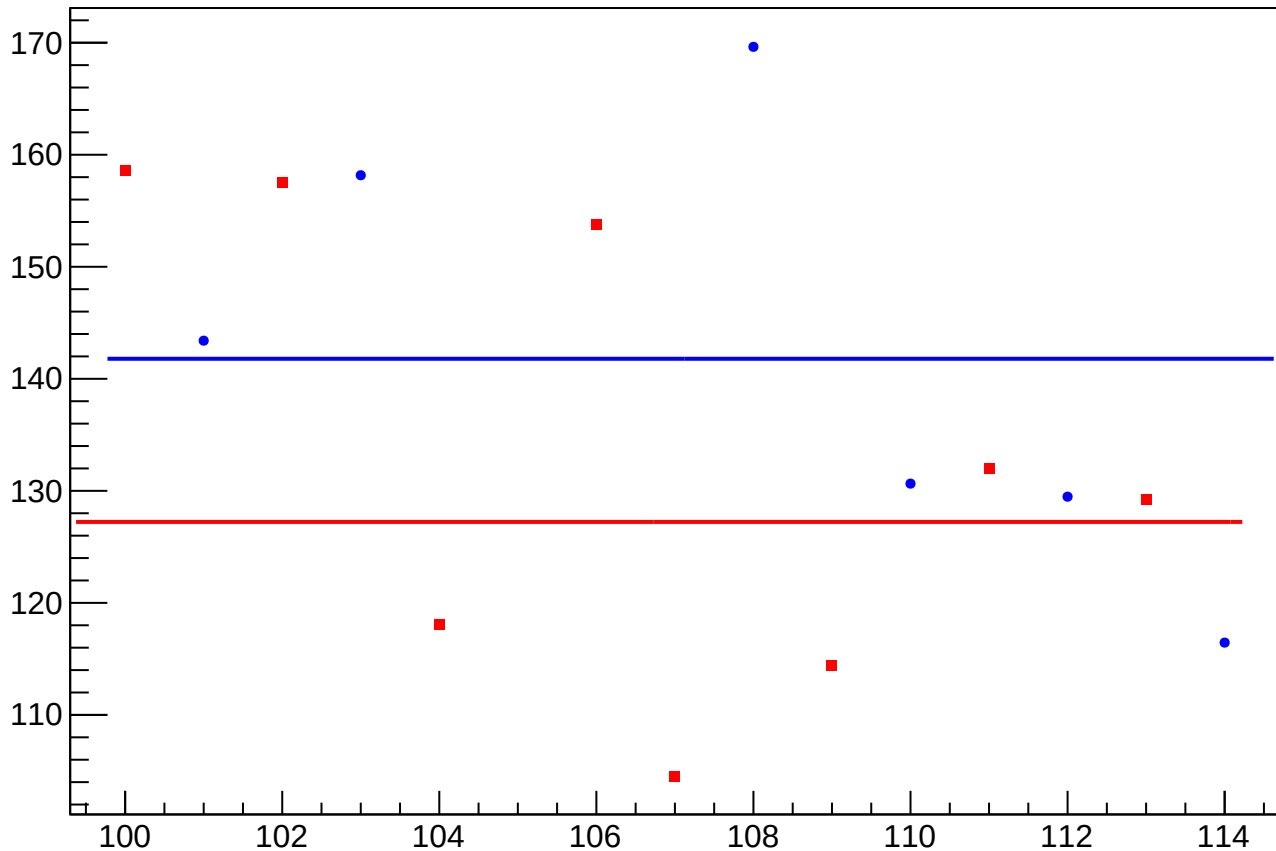
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.056 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 141.790 $\pm$ 0.062 χ^2 /NDF: 58984.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.226 $\pm$ 0.051 χ^2 /NDF: 109072.4/7

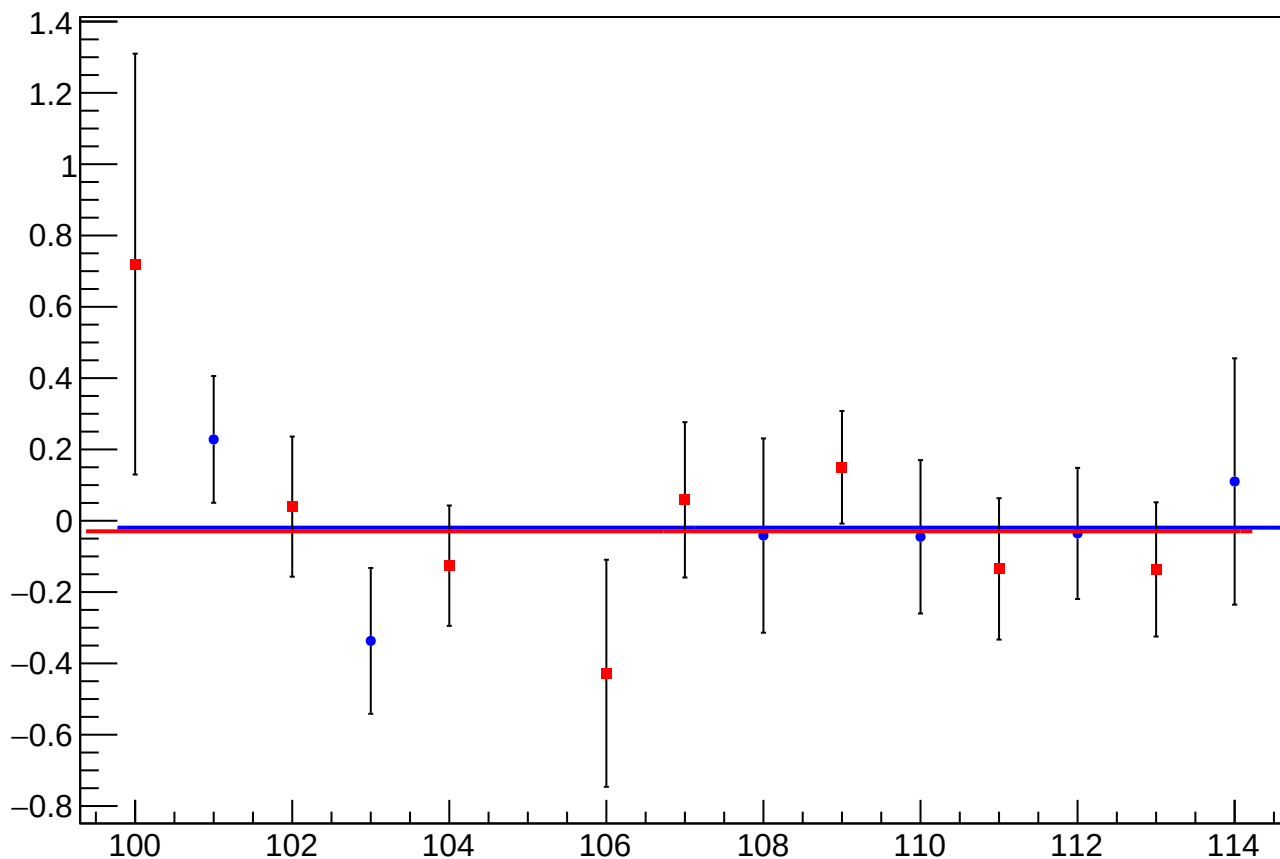
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.131 $\pm$ 0.040 χ^2 /NDF: 200496.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.088 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.073 χ^2 /NDF: 5.7/7

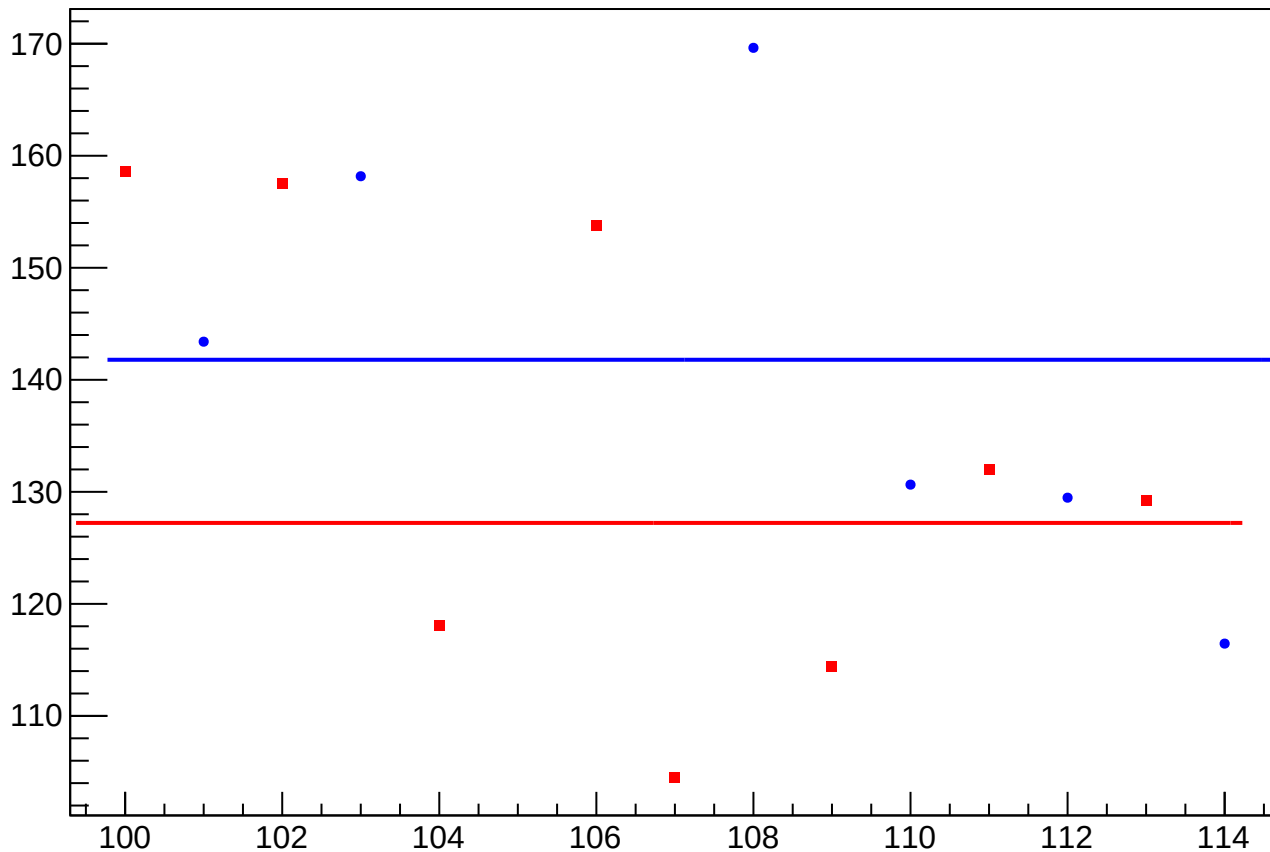
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.056 χ^2 /NDF: 10.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 141.790 $\pm$ 0.062 χ^2 /NDF: 58984.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.226 $\pm$ 0.051 χ^2 /NDF: 109072.4/7

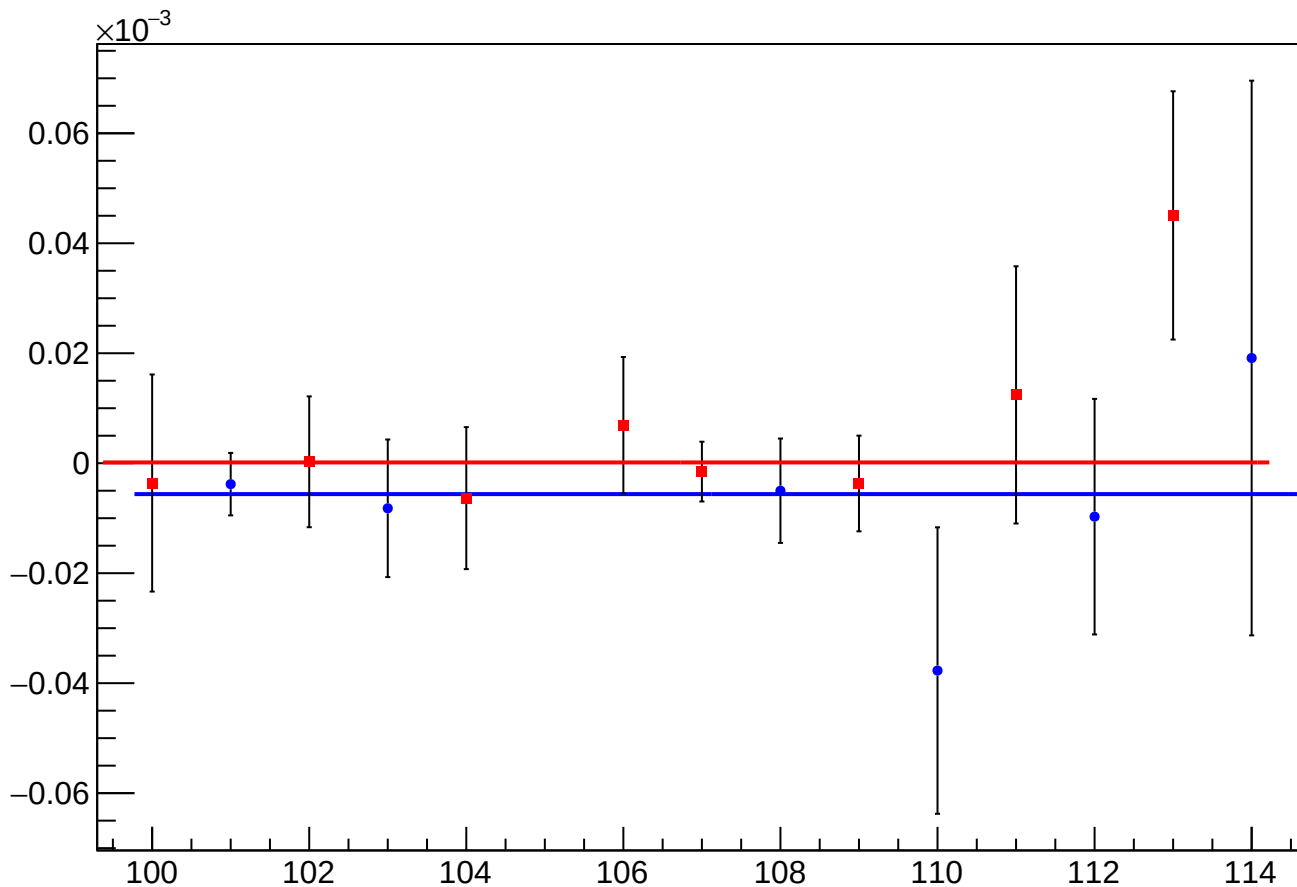
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.131 $\pm$ 0.040 χ^2 /NDF: 200496.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/7

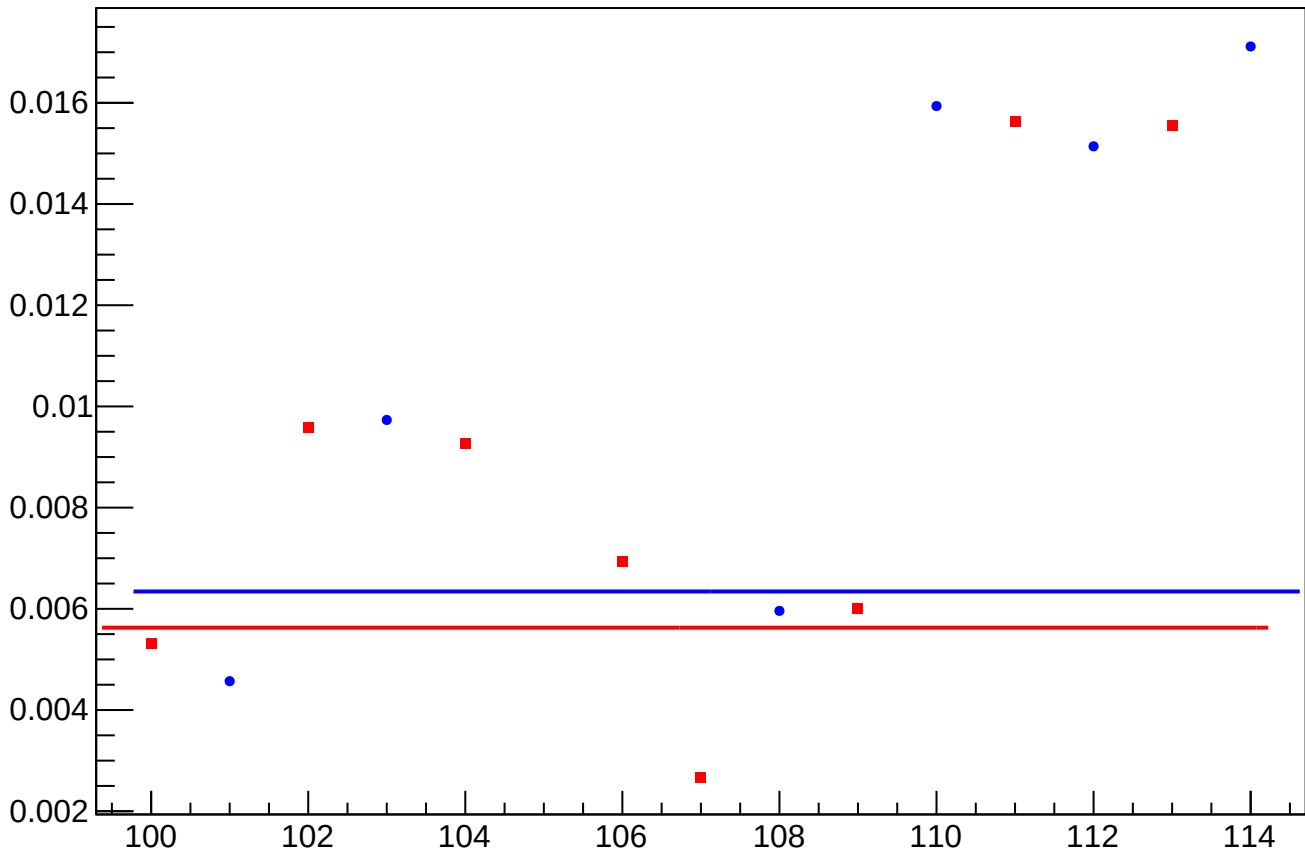
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1044848.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1753874.4/7

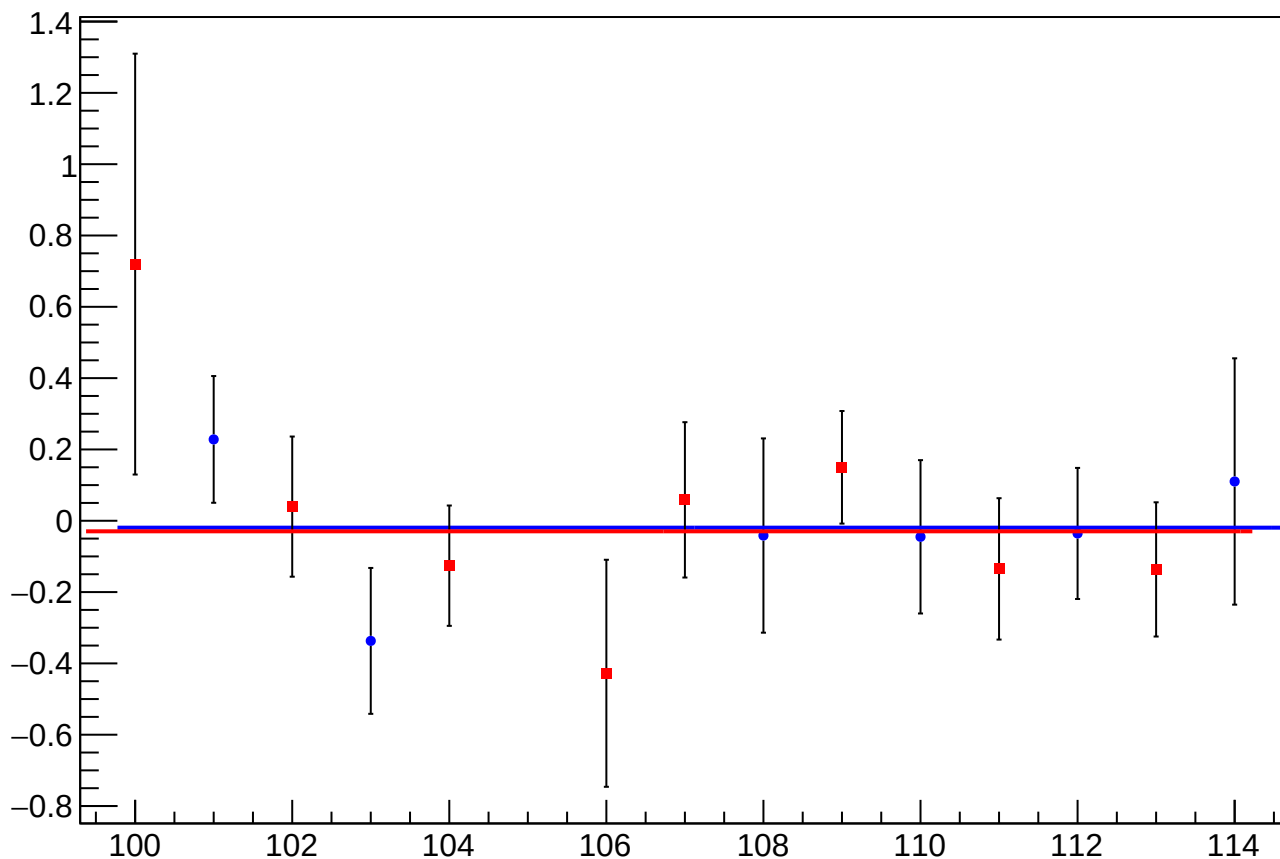
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

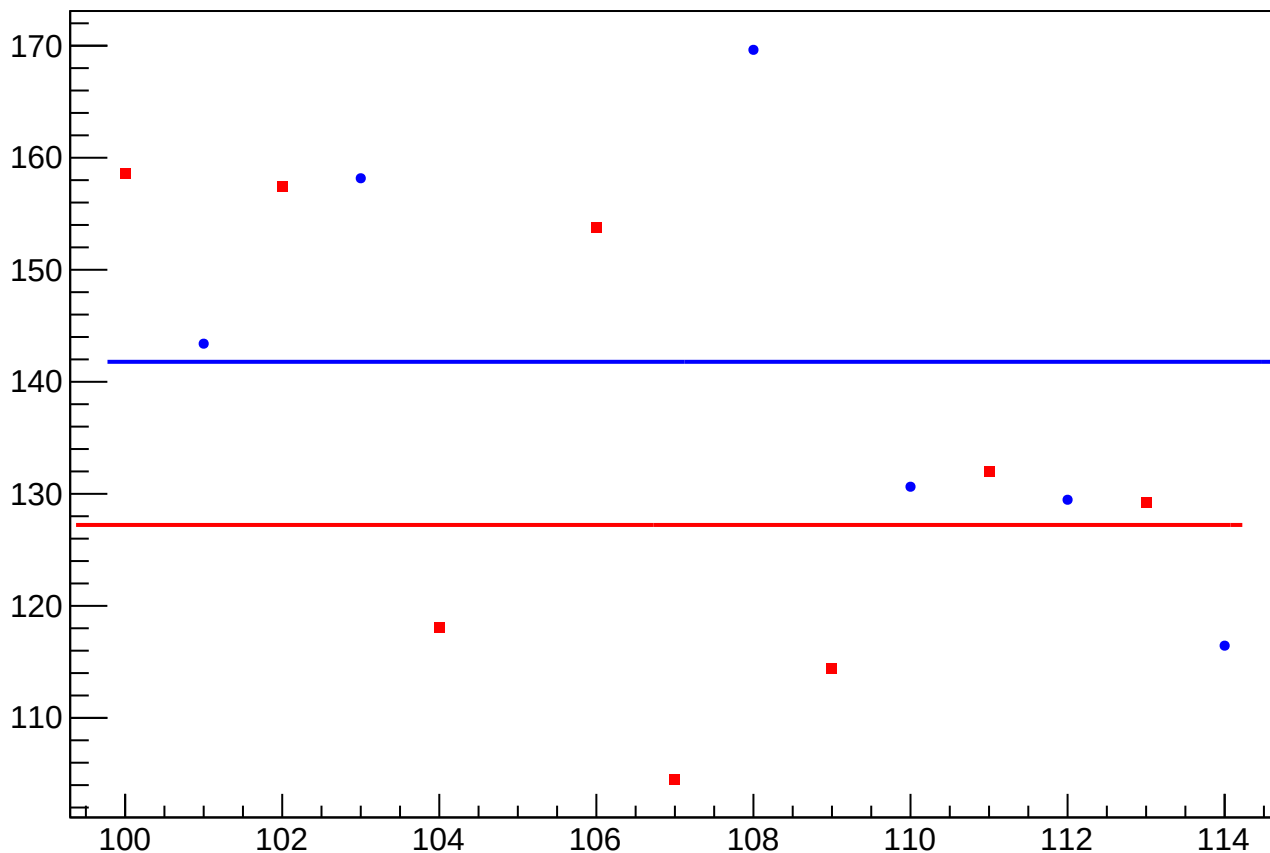
All: 0.006+/-0.000 χ^2/NDF : 2829974.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 141.785 $\pm$ 0.062 χ^2 /NDF: 59006.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.223 $\pm$ 0.051 χ^2 /NDF: 109071.1/7

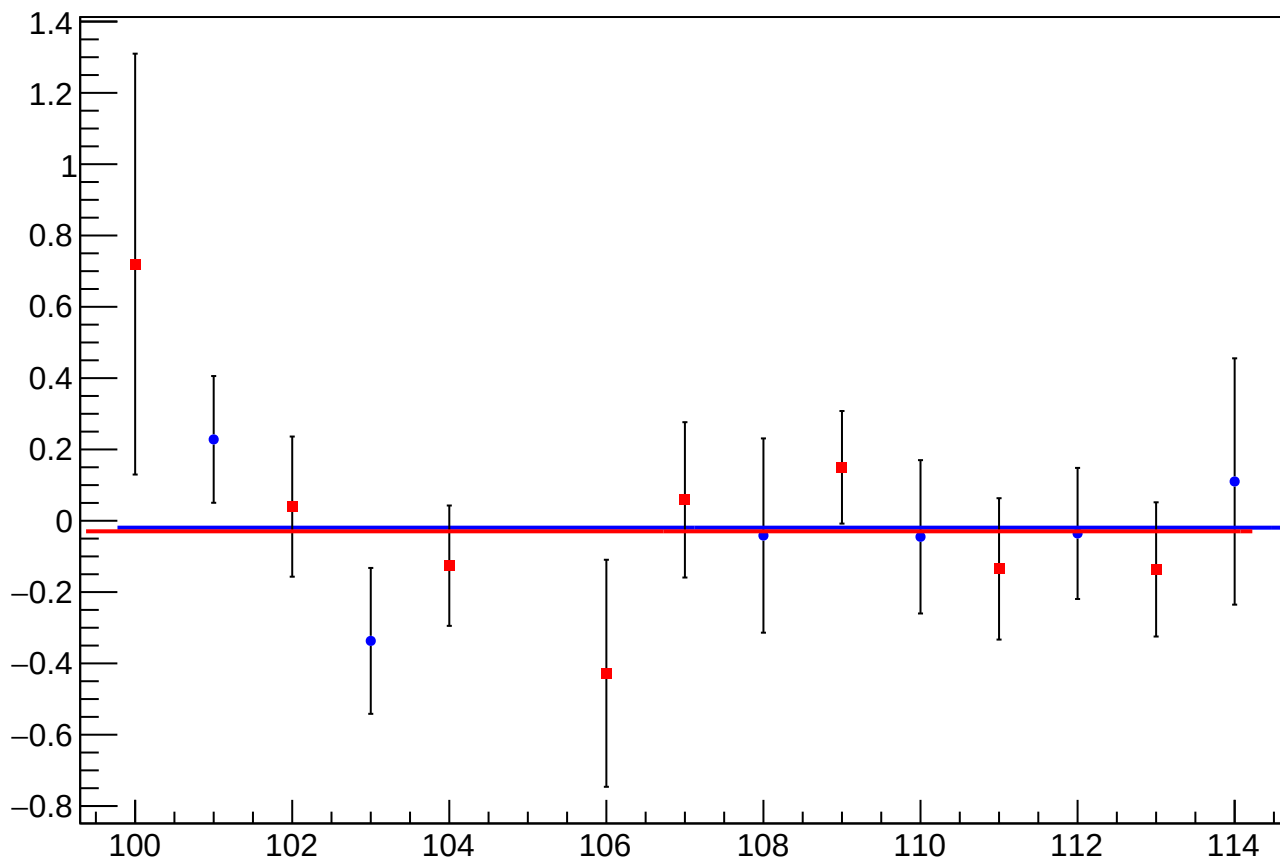
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.127 $\pm$ 0.040 χ^2 /NDF: 200513.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019+/-0.088 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.030+/-0.073 χ^2/NDF : 5.7/7

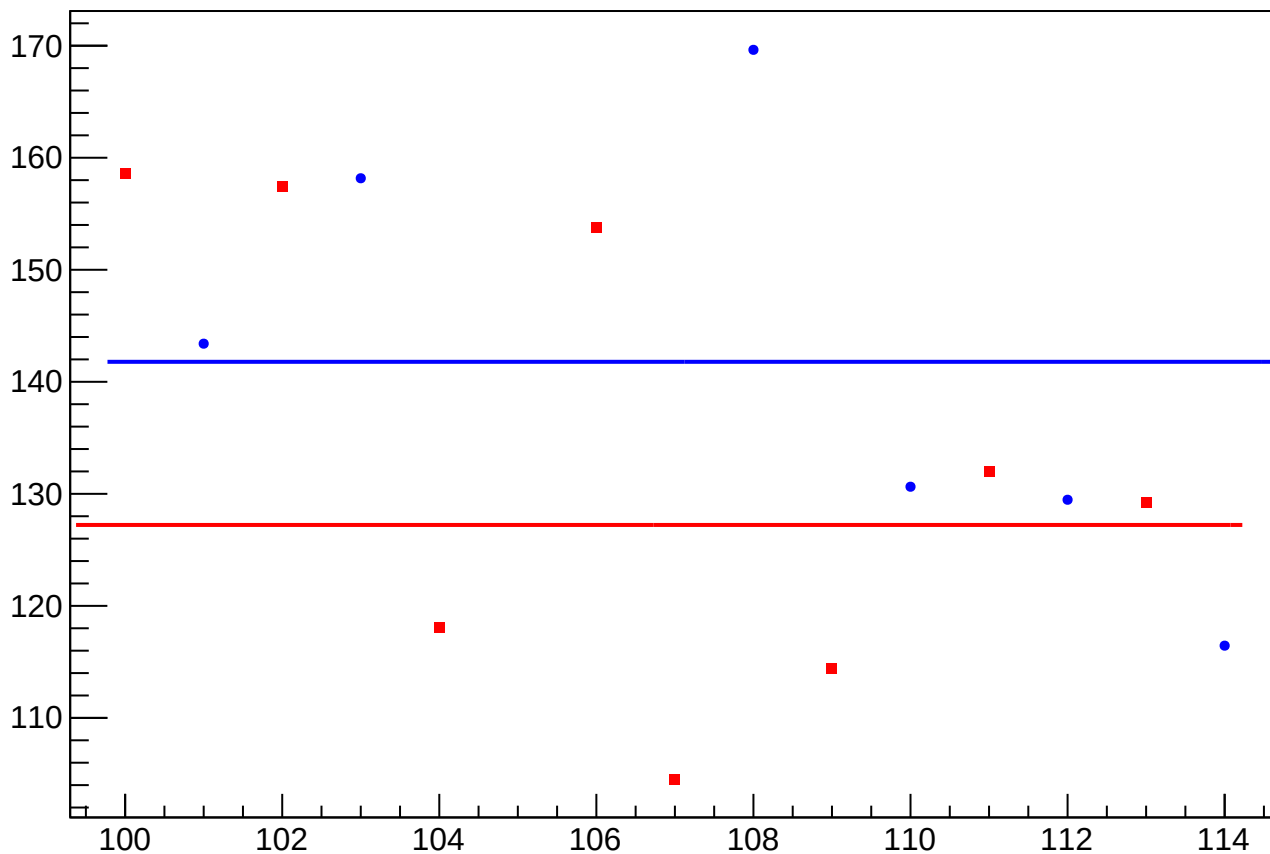
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.056 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 141.785 $\pm$ 0.062 χ^2 /NDF: 59006.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.223 $\pm$ 0.051 χ^2 /NDF: 109071.1/7

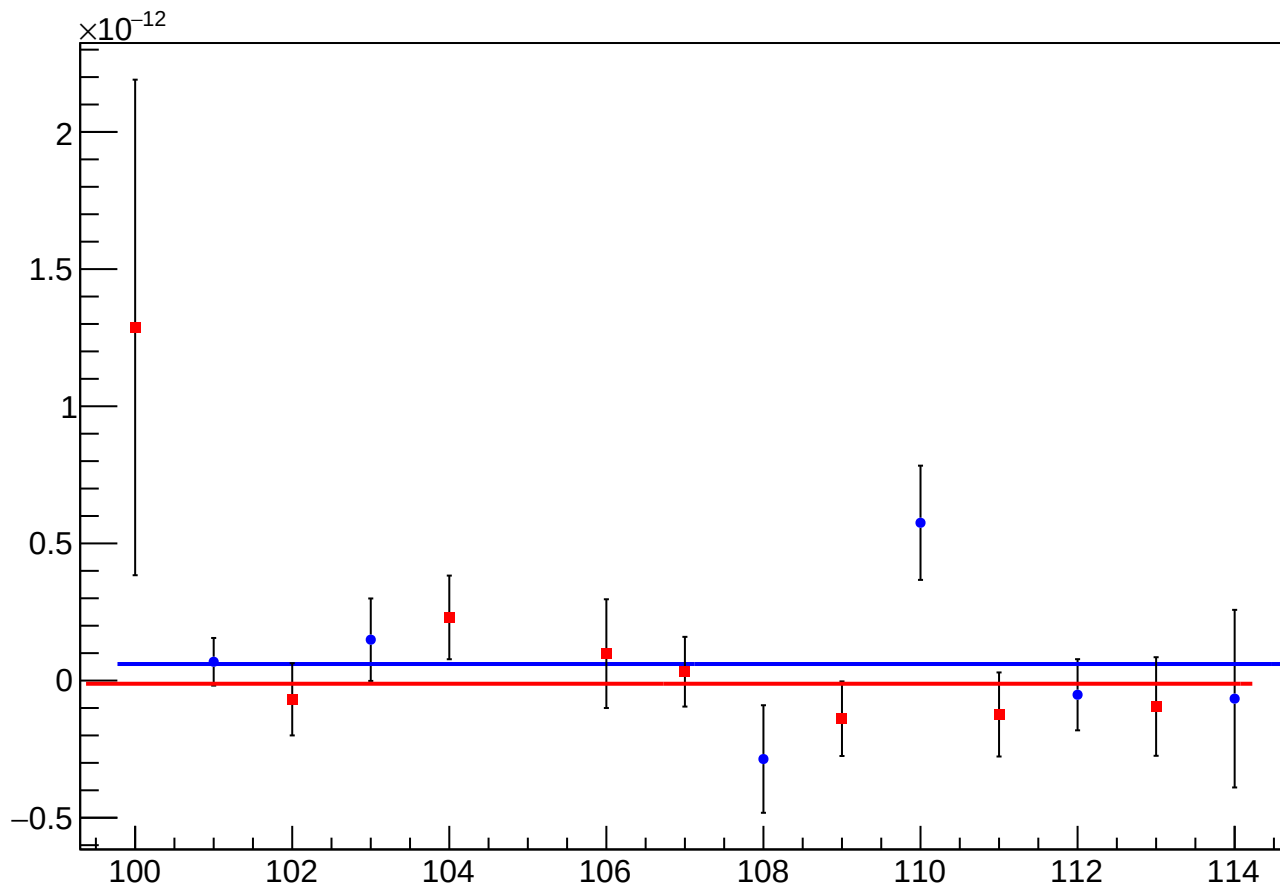
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.127 $\pm$ 0.040 χ^2 /NDF: 200513.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/7

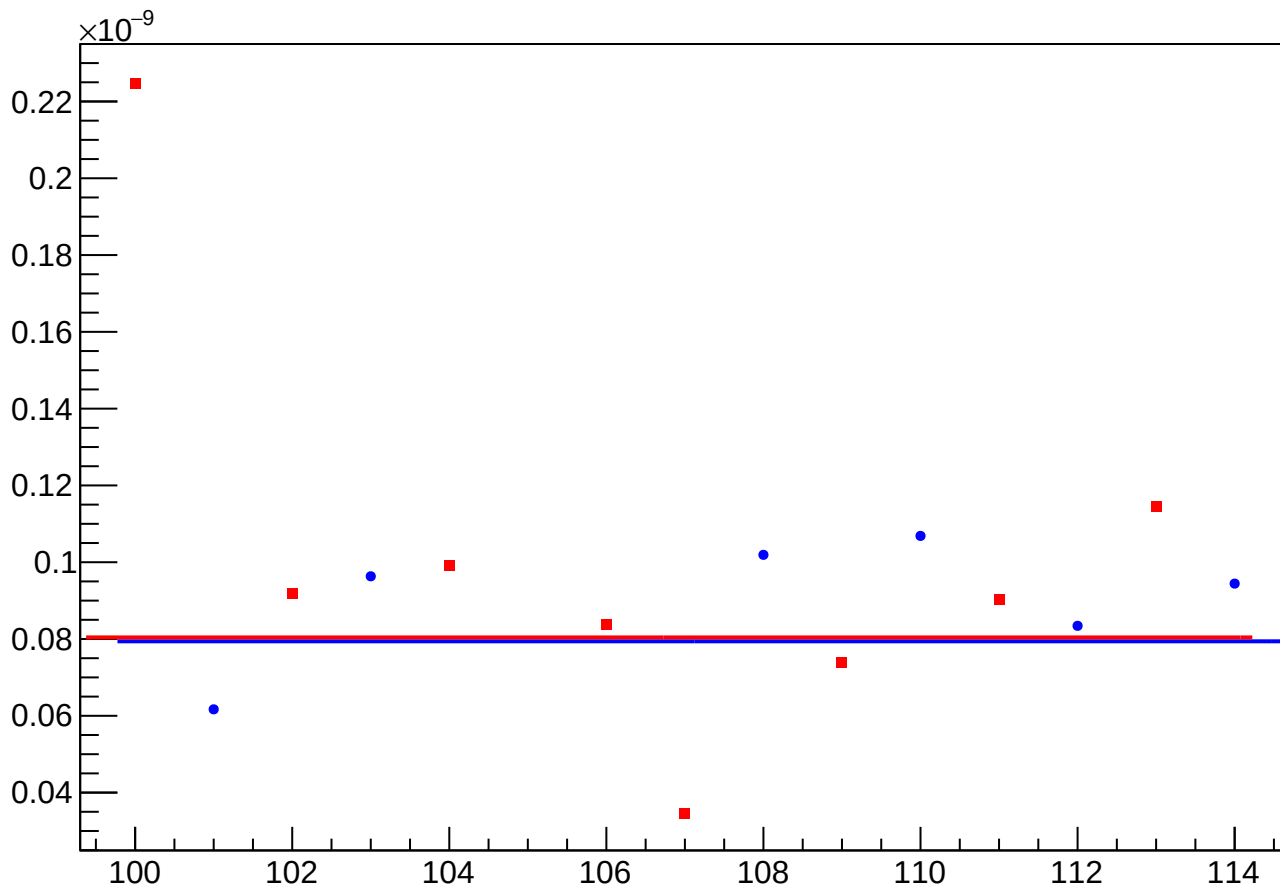
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 176143.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 441505.2/7

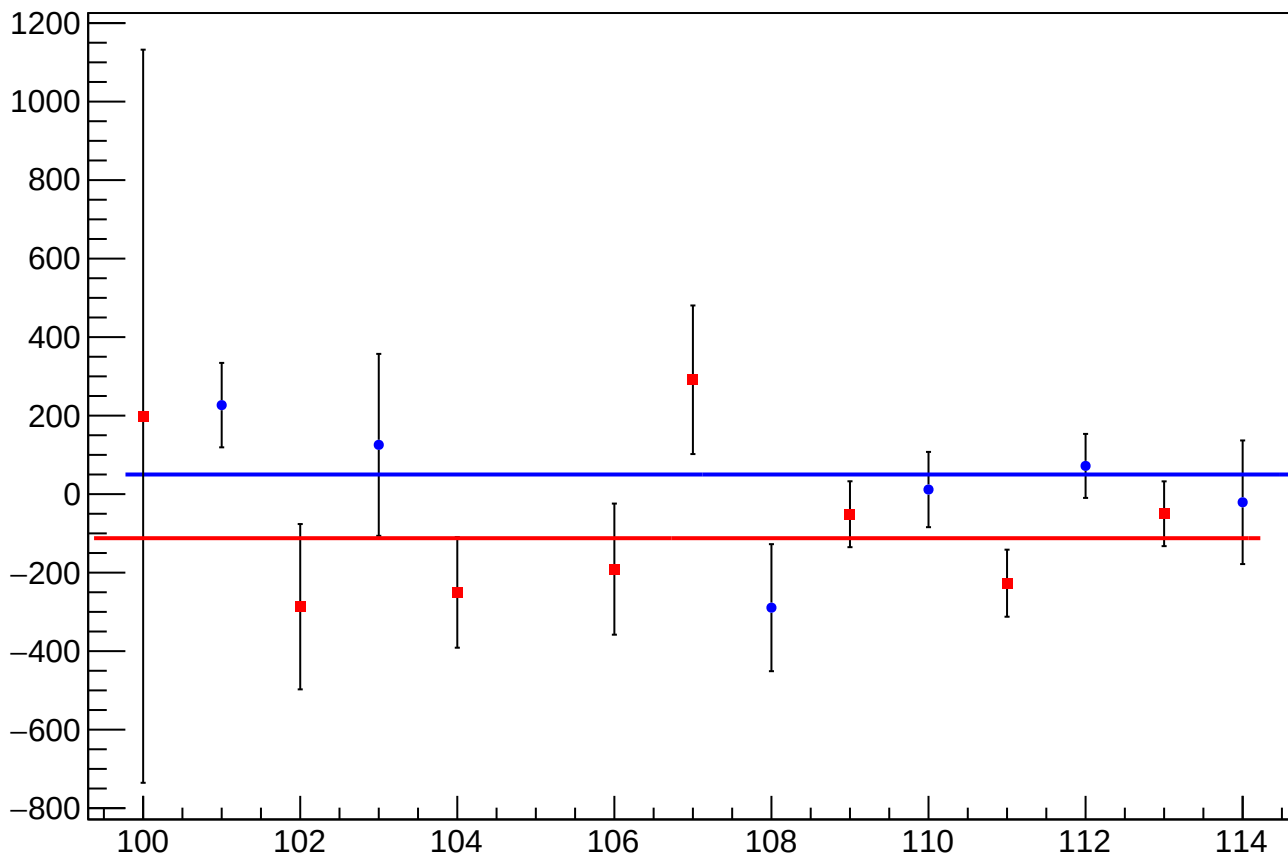
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 617962.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 50.013+/-47.524 χ^2/NDF : 7.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.251+/-42.120 χ^2/NDF : 9.4/7

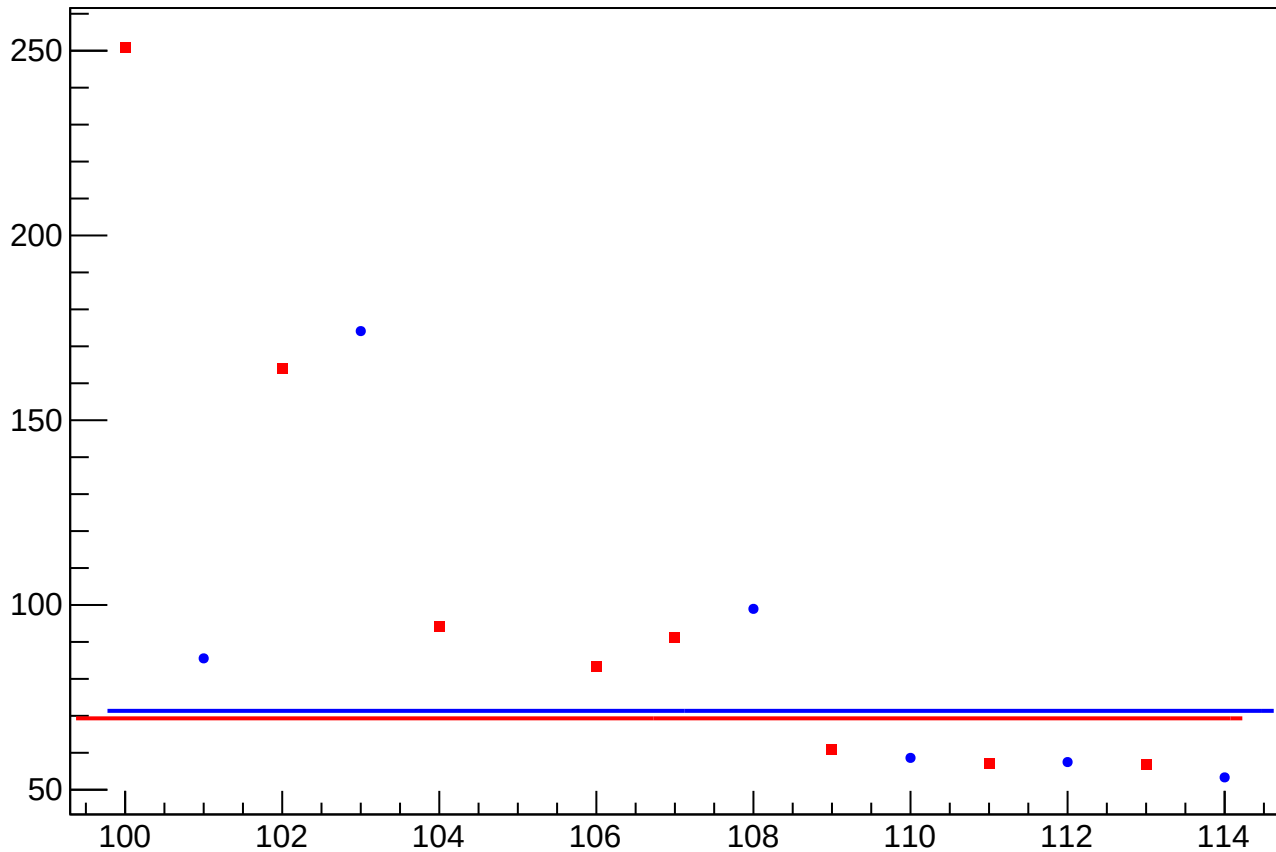
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.864+/-31.522 χ^2/NDF : 23.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 71.351+/-0.034 χ^2/NDF : 605620.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.321+/-0.030 χ^2/NDF : 689336.9/7

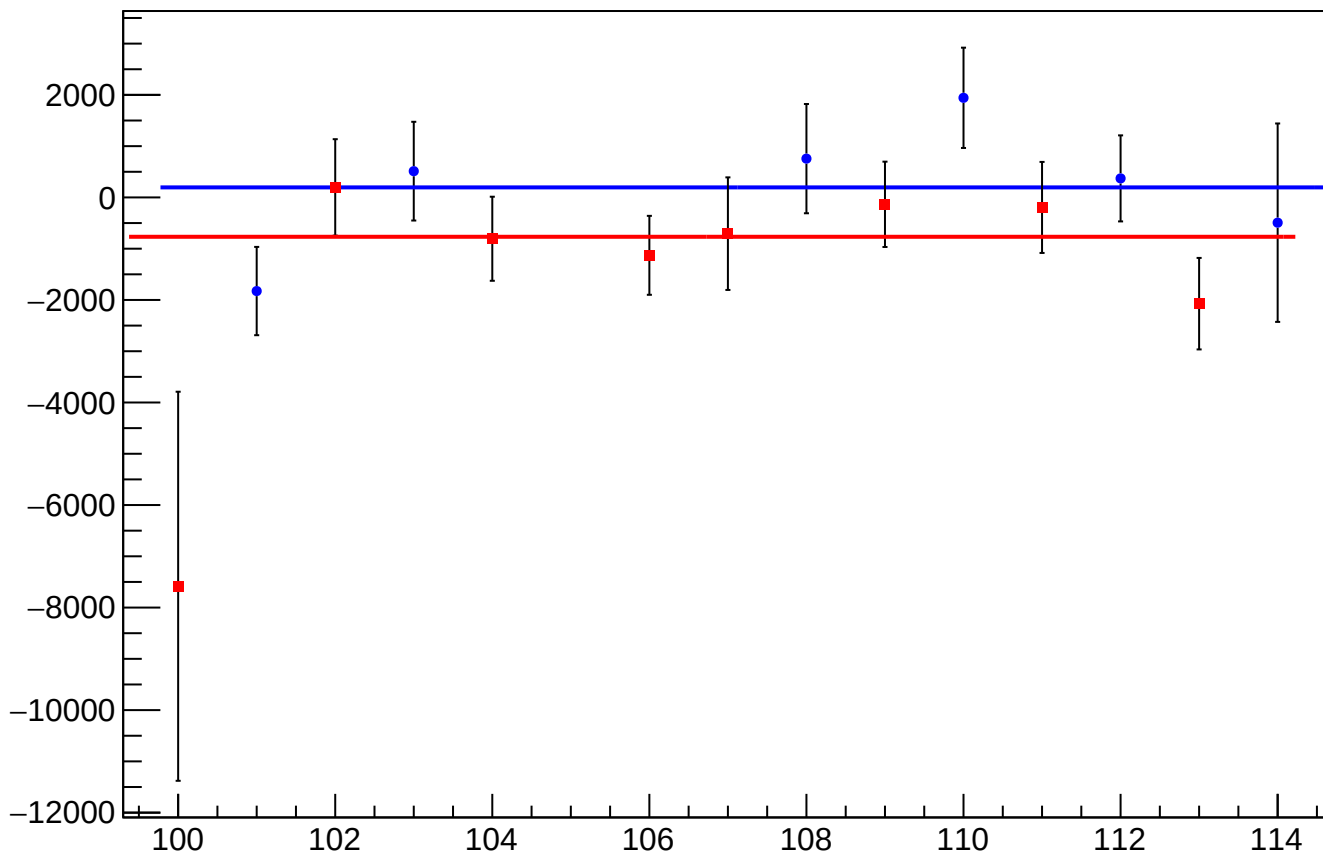
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.214+/-0.022 χ^2/NDF : 1297000.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: 195.655 $\pm$ 406.883 χ^2 /NDF: 9.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -767.690 $\pm$ 330.176 χ^2 /NDF: 7.6/7

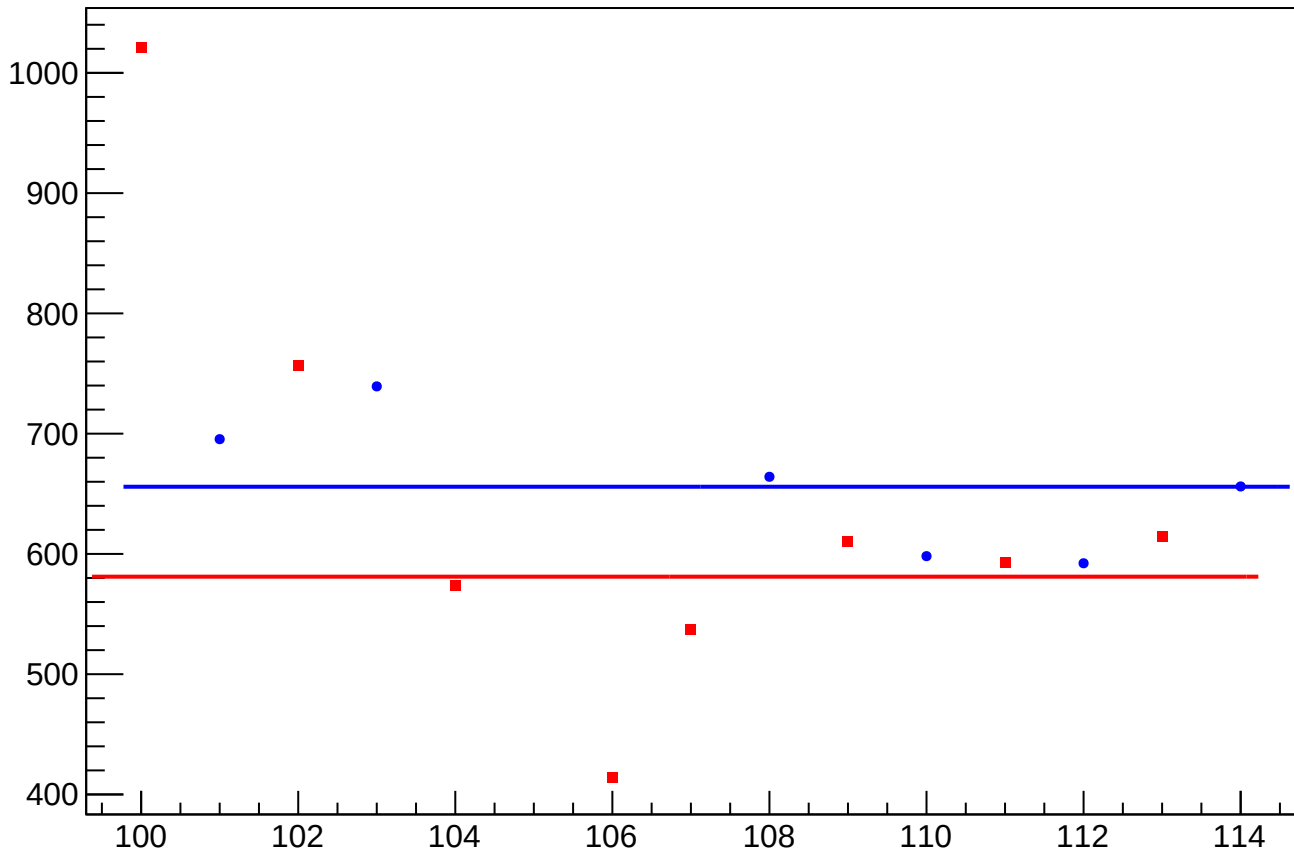
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -385.199 $\pm$ 256.383 χ^2 /NDF: 20.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 655.869 $\pm$ 0.288 χ^2 /NDF: 37830.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 581.087 $\pm$ 0.233 χ^2 /NDF: 199459.7/7

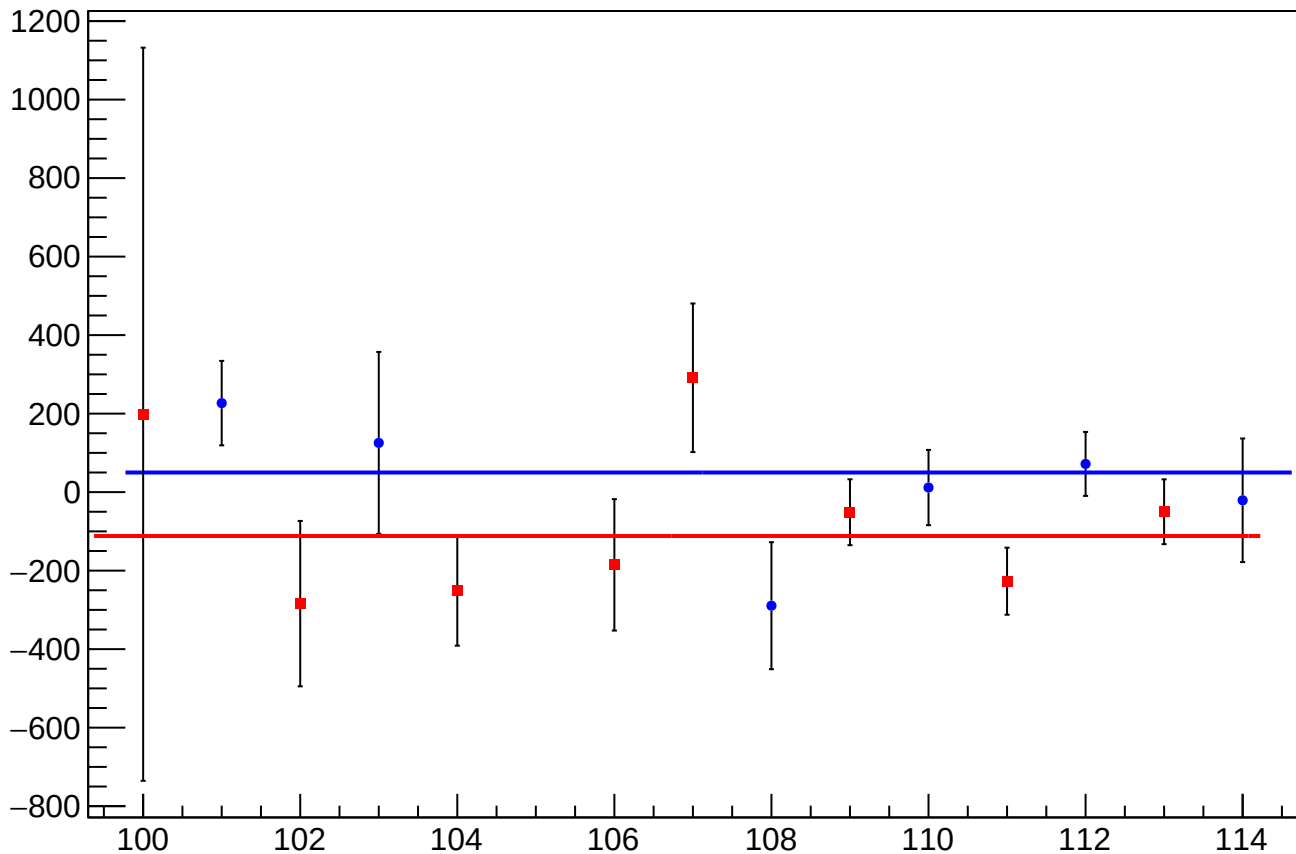
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 610.779 $\pm$ 0.181 χ^2 /NDF: 278025.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 49.996 $\pm$ 47.524 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.735 $\pm$ 42.128 χ^2 /NDF: 9.4/7

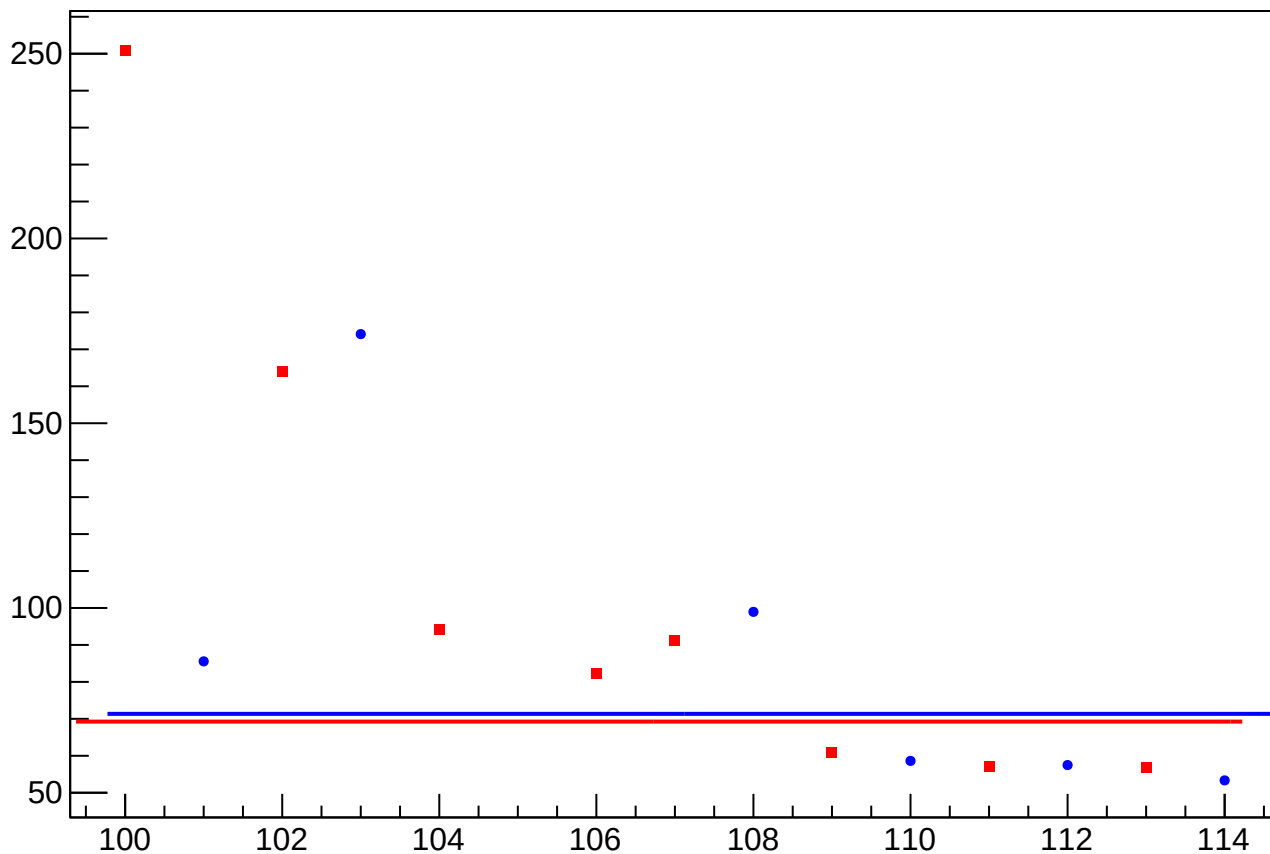
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.568 $\pm$ 31.525 χ^2 /NDF: 23.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 71.351+/-0.034 χ^2/NDF : 605622.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.251+/-0.030 χ^2/NDF : 687482.8/7

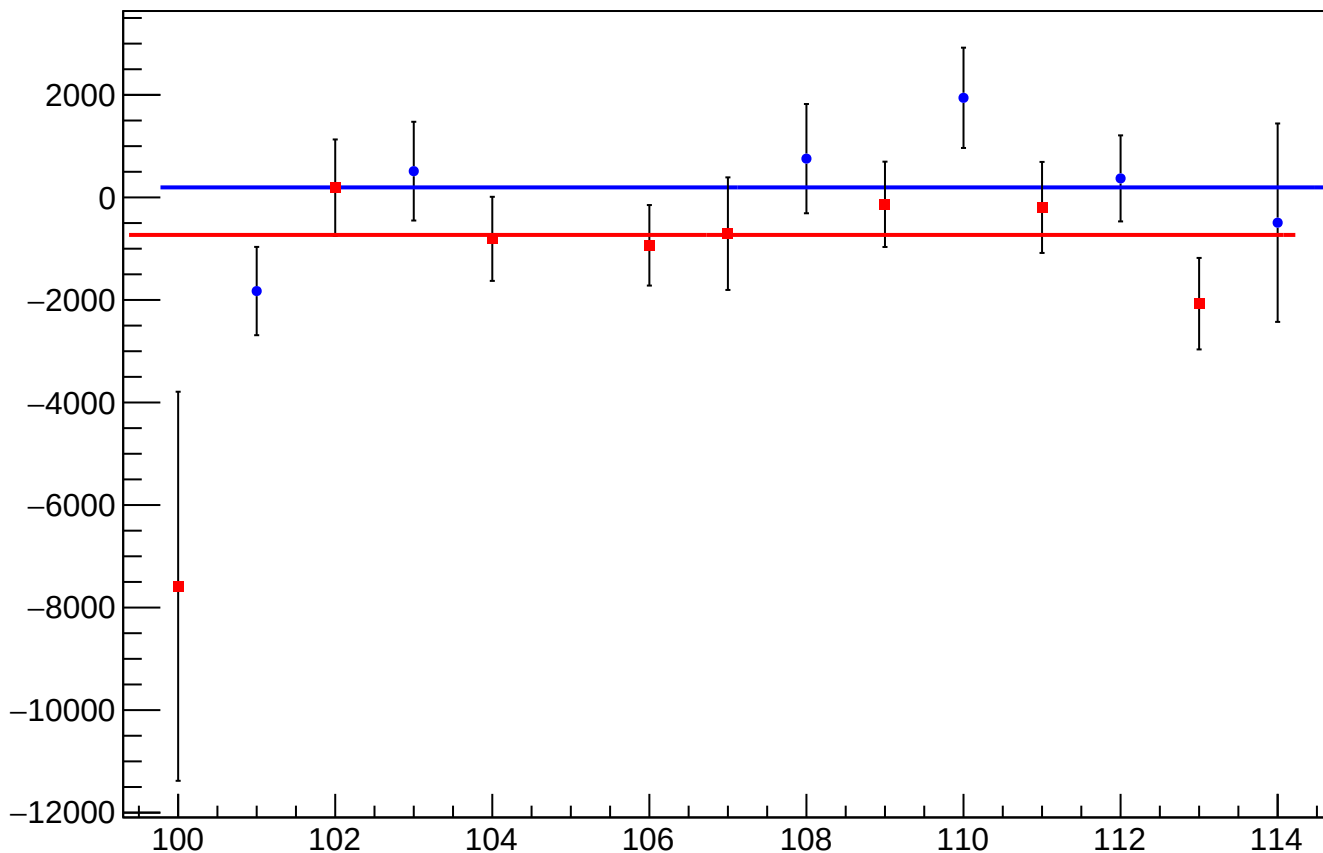
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.175+/-0.022 χ^2/NDF : 1295291.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: 195.676 $\pm$ 406.891 χ^2 /NDF: 9.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -731.556 $\pm$ 331.412 χ^2 /NDF: 7.4/7

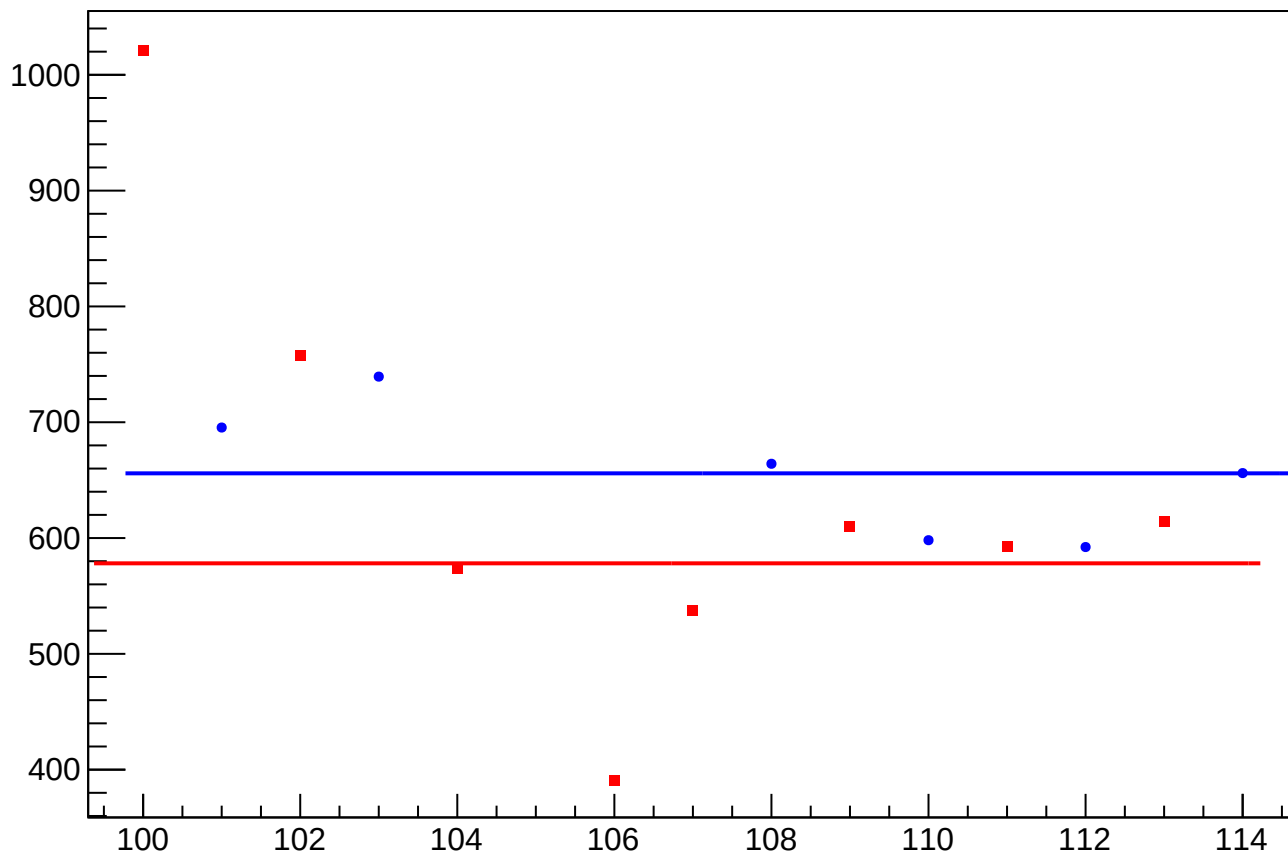
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -361.752 $\pm$ 256.962 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 655.879+/-0.288 χ^2/NDF : 37855.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.170+/-0.234 χ^2/NDF : 223184.2/7

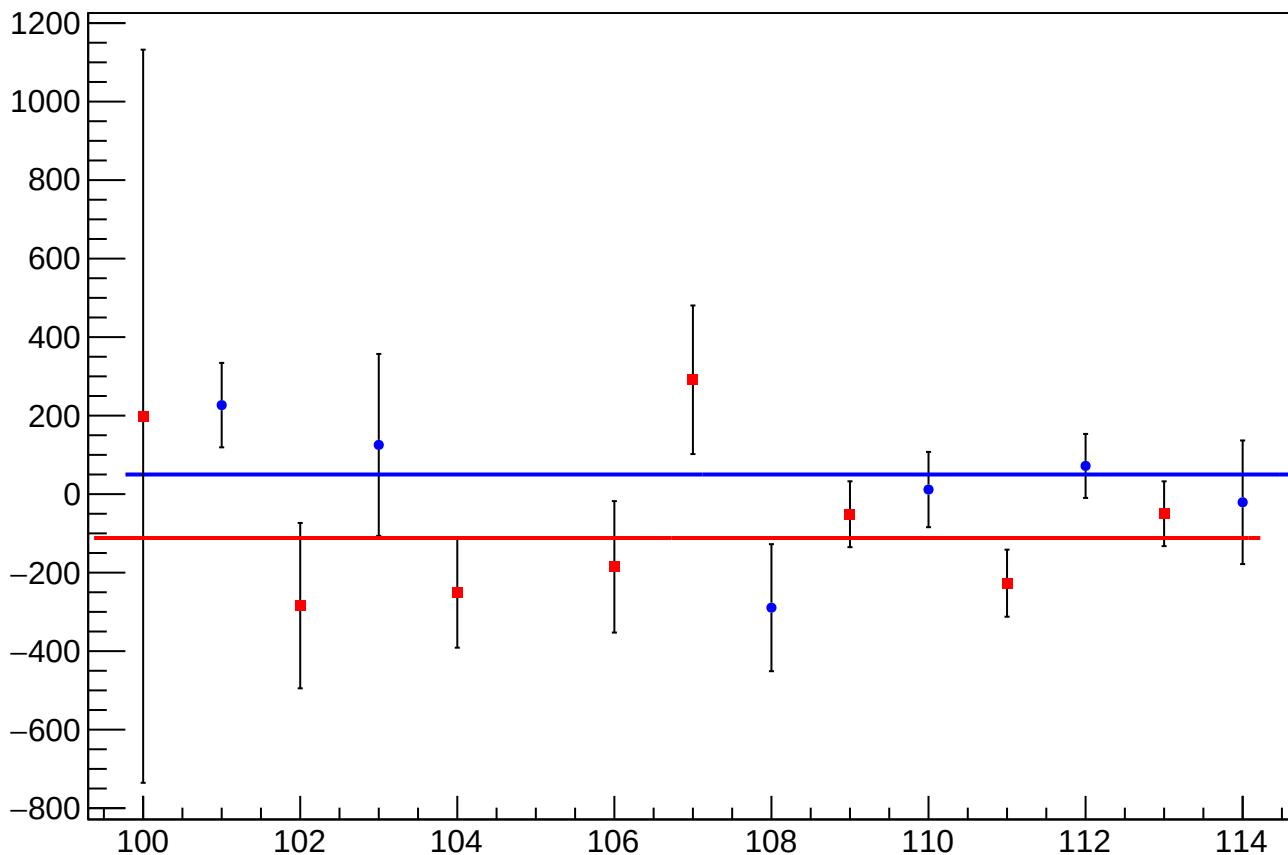
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.162+/-0.182 χ^2/NDF : 304895.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 49.996 $\pm$ 47.524 χ^2 /NDF: 7.6/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -111.735 $\pm$ -42.128 χ^2 /NDF: 9.4/7

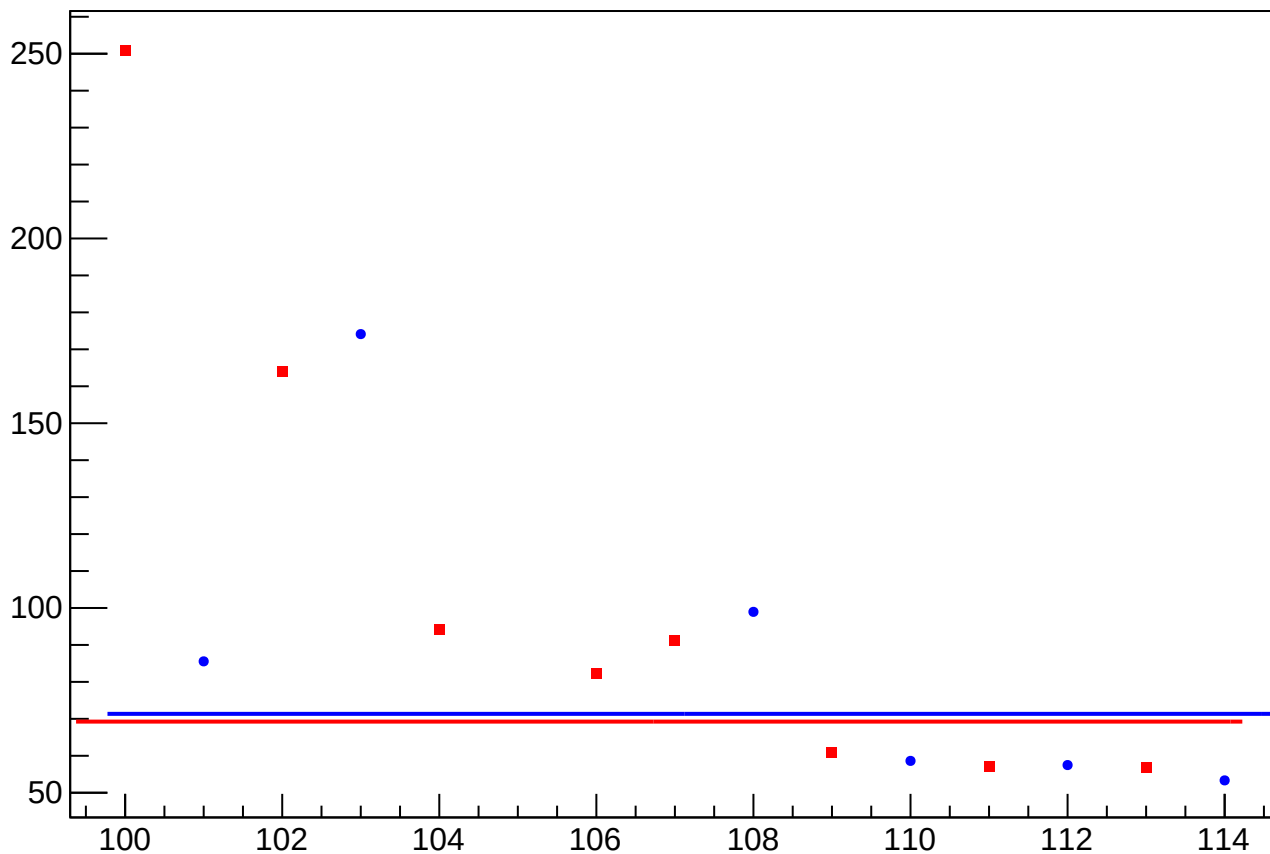
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -40.568 $\pm$ -31.525 χ^2 /NDF: 23.5/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 71.351+/-0.034 χ^2/NDF : 605622.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.251+/-0.030 χ^2/NDF : 687482.8/7

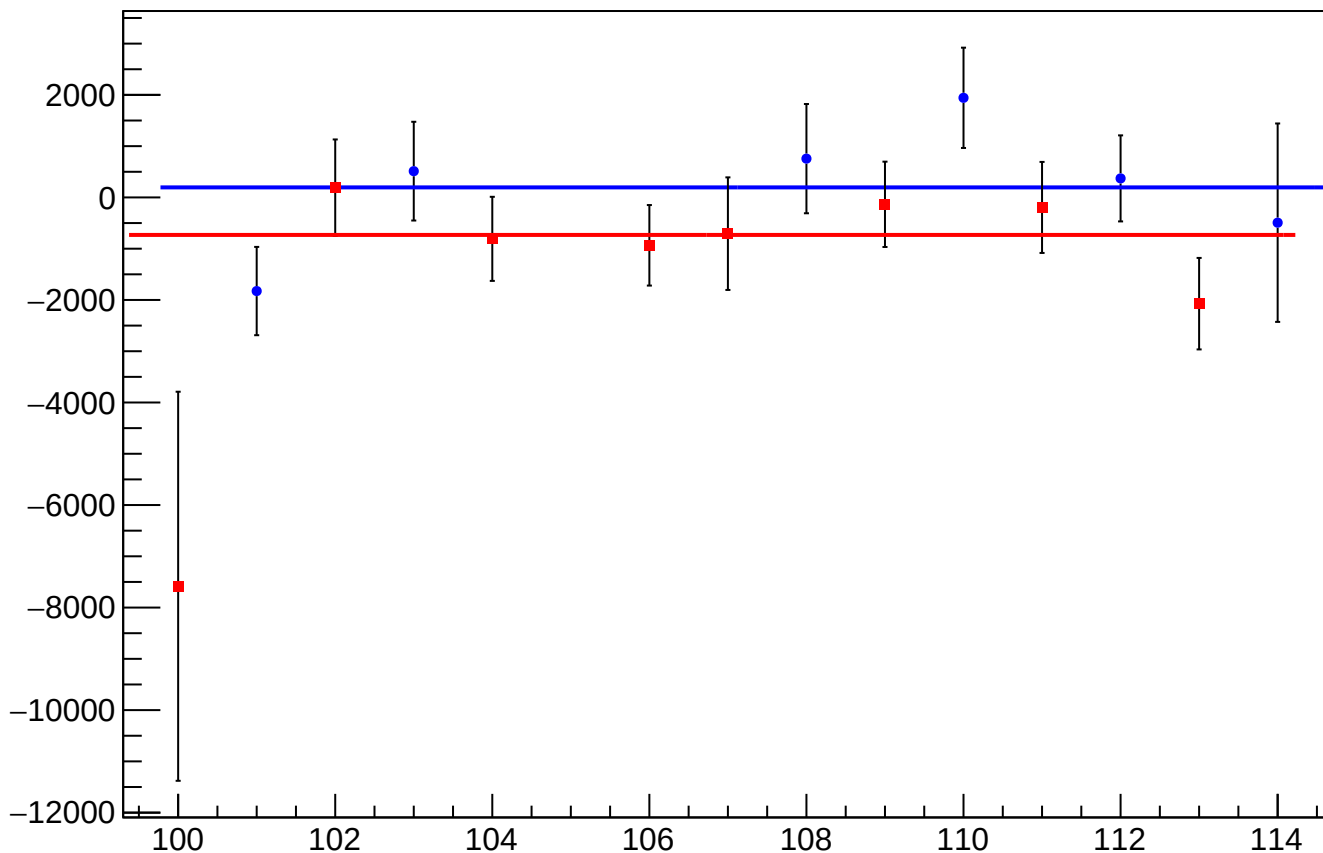
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.175+/-0.022 χ^2/NDF : 1295291.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: 195.676 $\pm$ 406.891 χ^2 /NDF: 9.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -731.556 $\pm$ 331.412 χ^2 /NDF: 7.4/7

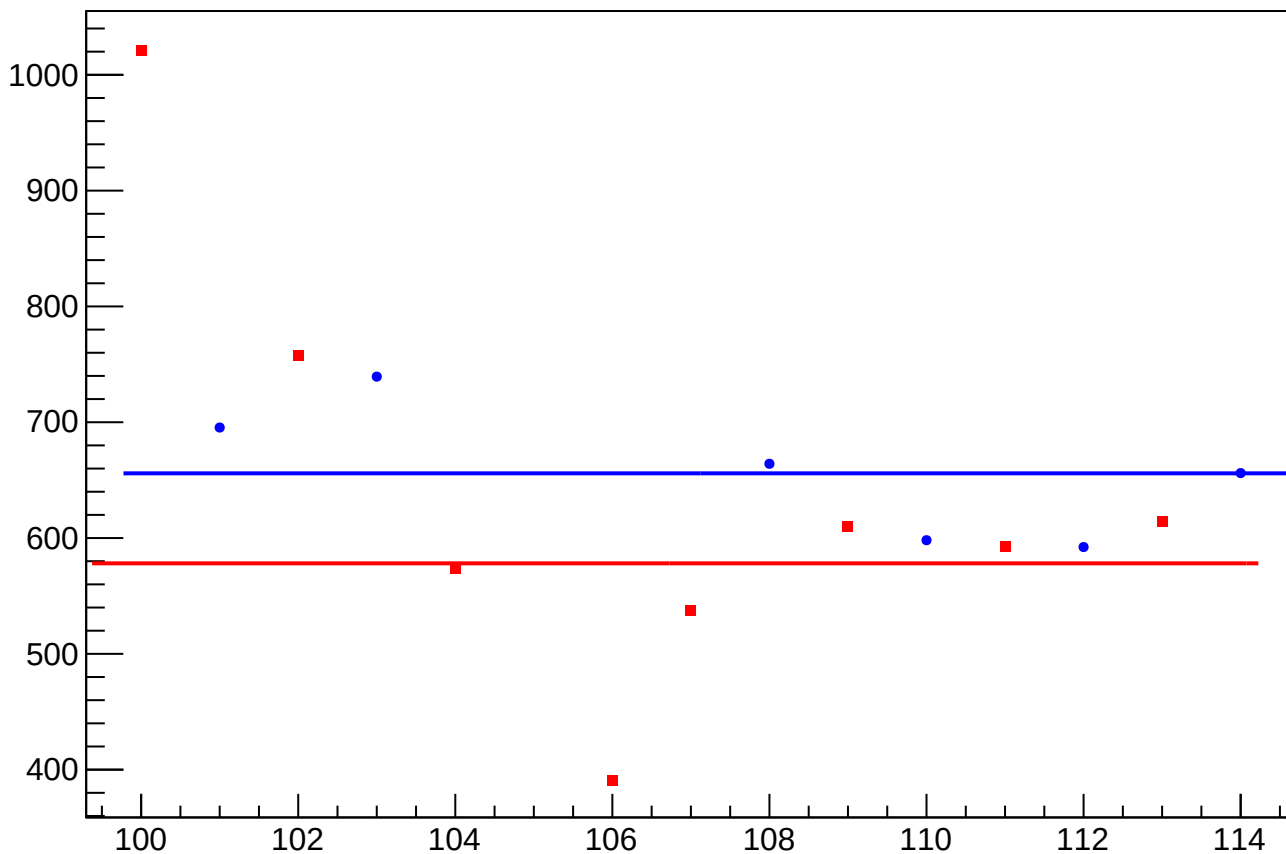
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -361.752 $\pm$ 256.962 χ^2 /NDF: 19.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 655.879+/-0.288 χ^2/NDF : 37855.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.170+/-0.234 χ^2/NDF : 223184.2/7

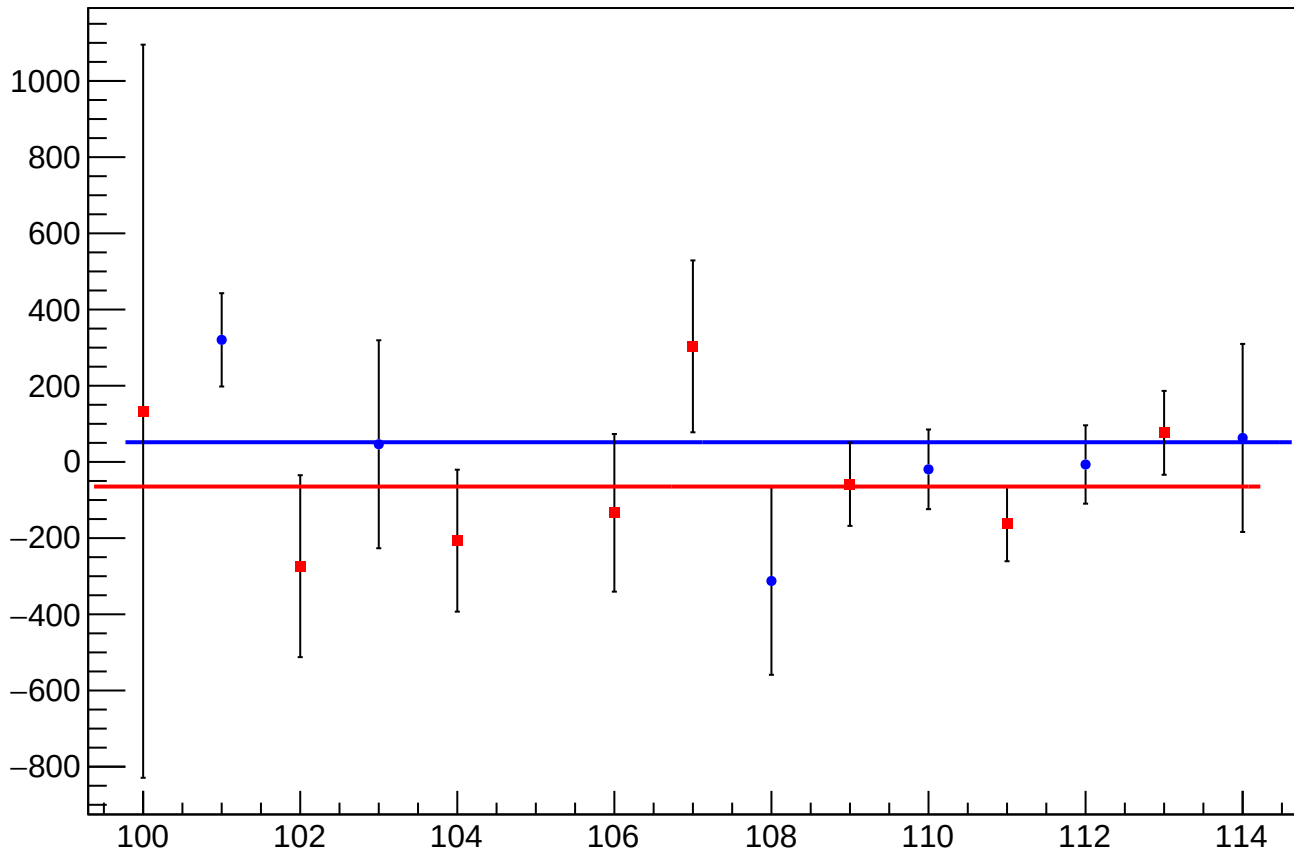
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.162+/-0.182 χ^2/NDF : 304895.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 51.684+/-57.832 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.629+/-52.639 χ^2/NDF : 6.8/7

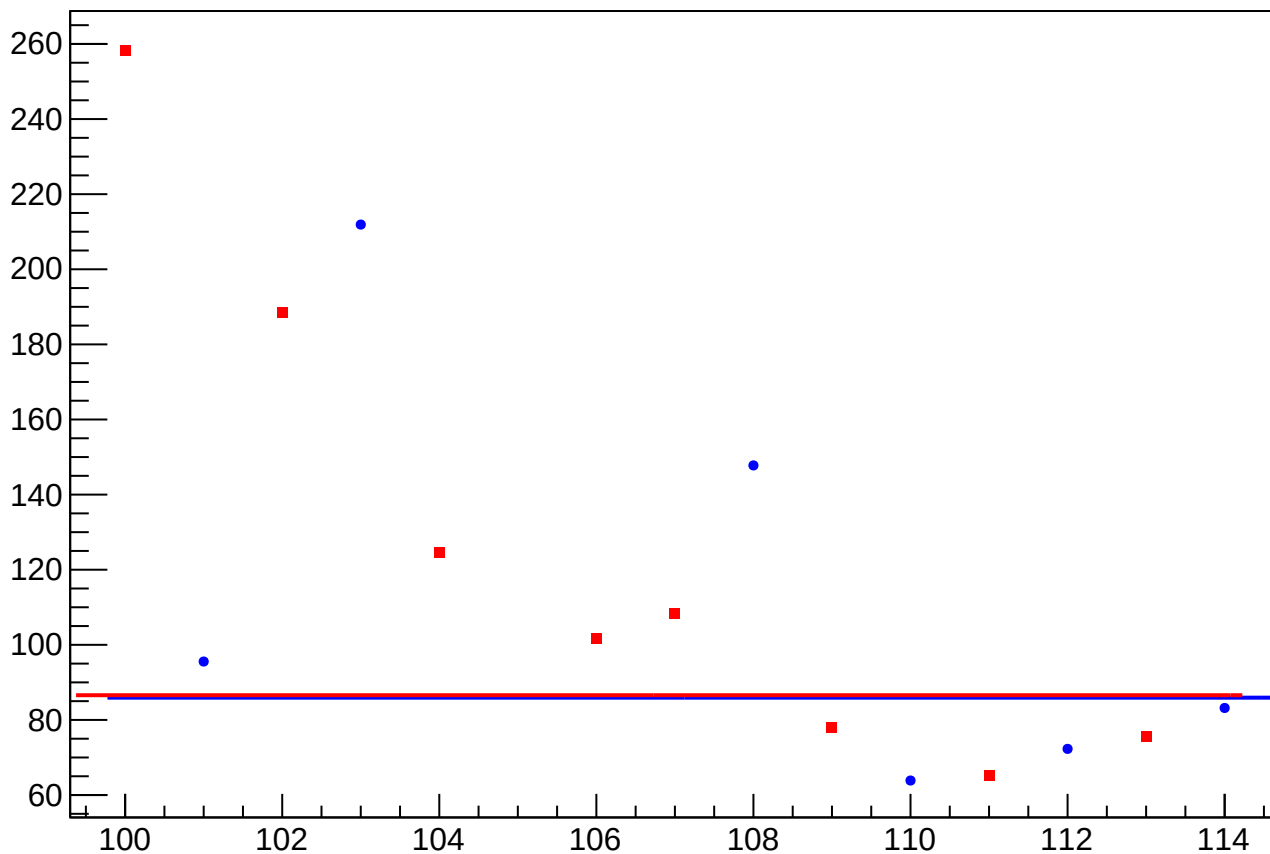
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.929+/-38.928 χ^2/NDF : 16.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 85.929+/-0.041 χ^2/NDF : 688978.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.581+/-0.037 χ^2/NDF : 667566.8/7

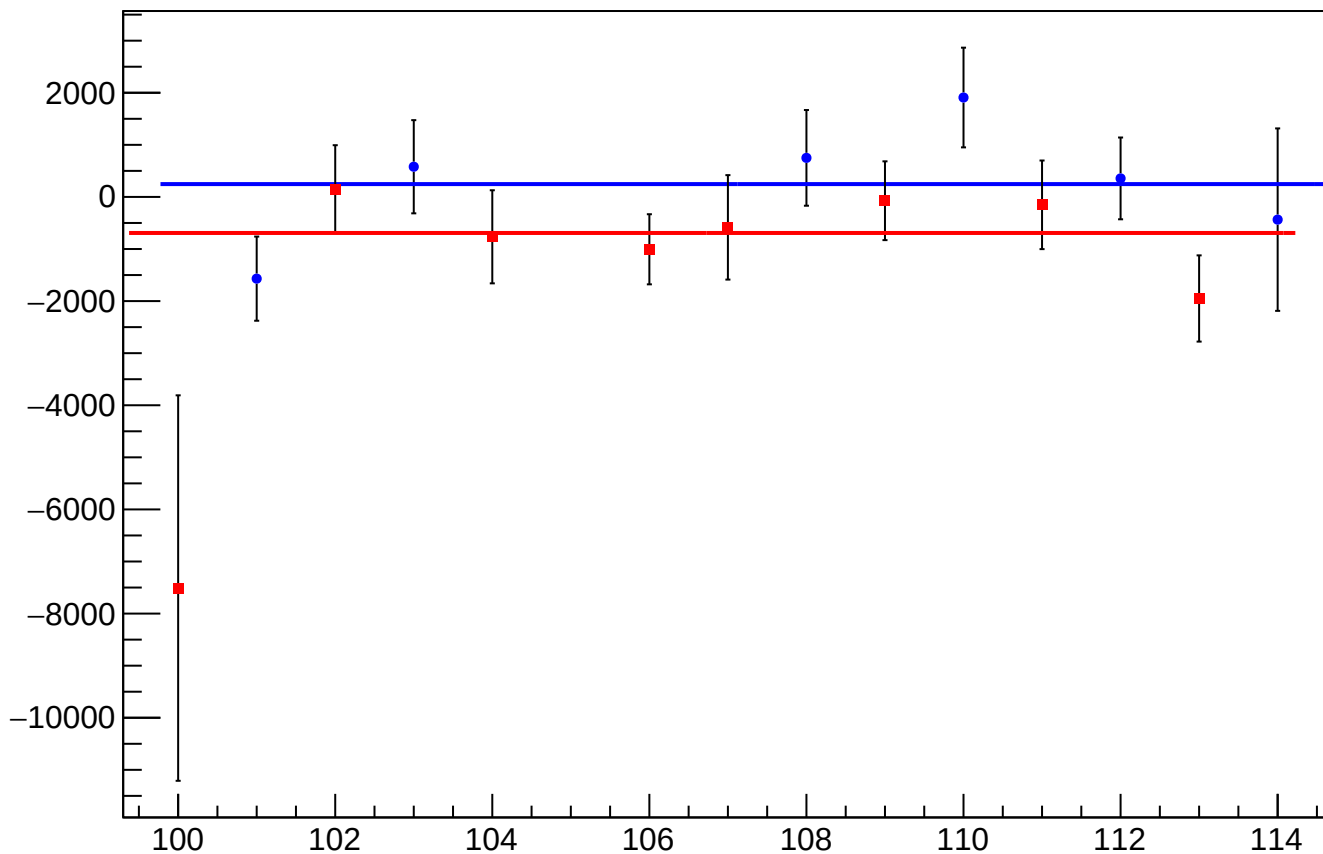
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.286+/-0.028 χ^2/NDF : 1356684.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: 246.427+/-377.825 χ^2/NDF : 8.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -692.043+/-308.309 χ^2/NDF : 8.0/7

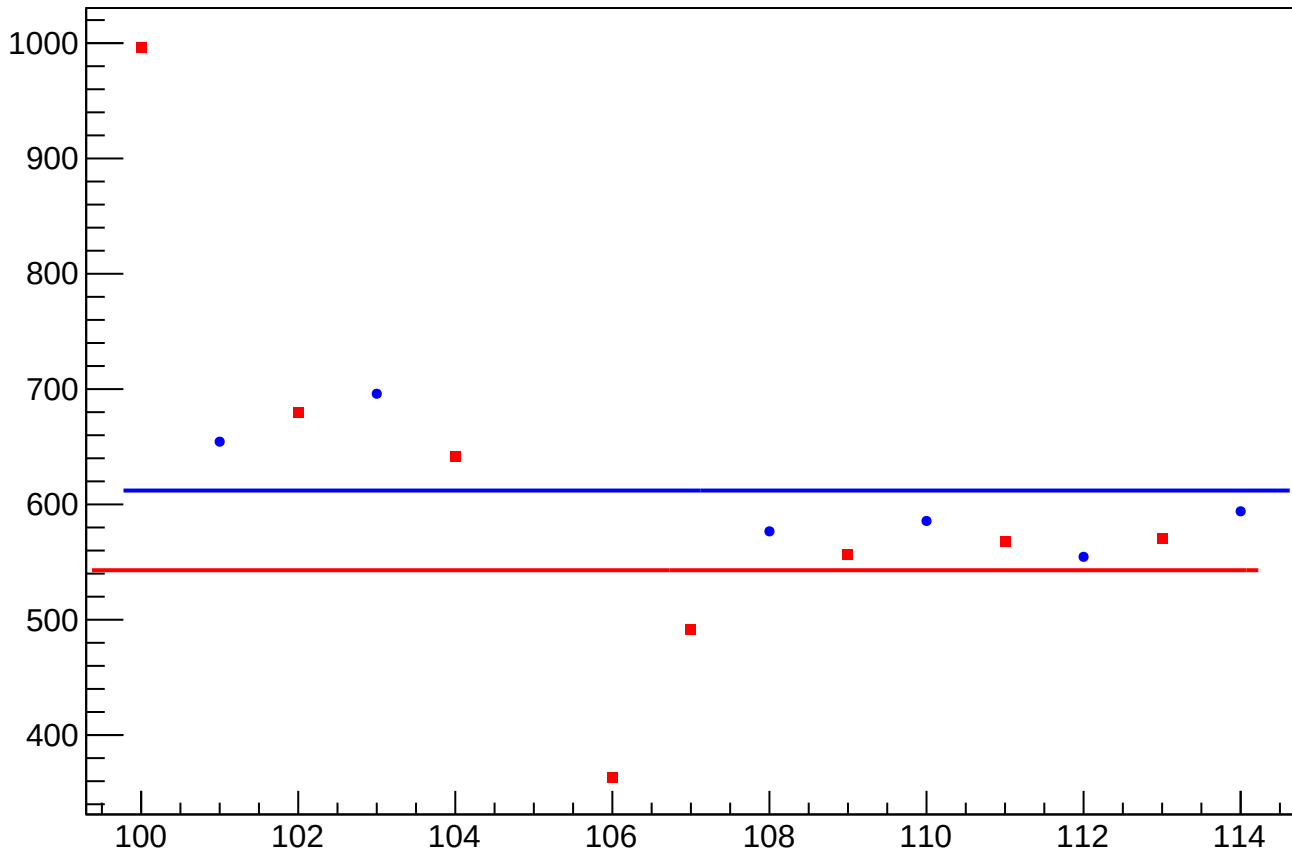
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -316.923+/-238.872 χ^2/NDF : 20.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 612.037 $\pm$ 0.267 χ^2 /NDF: 38517.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 542.939 $\pm$ 0.218 χ^2 /NDF: 258933.9/7

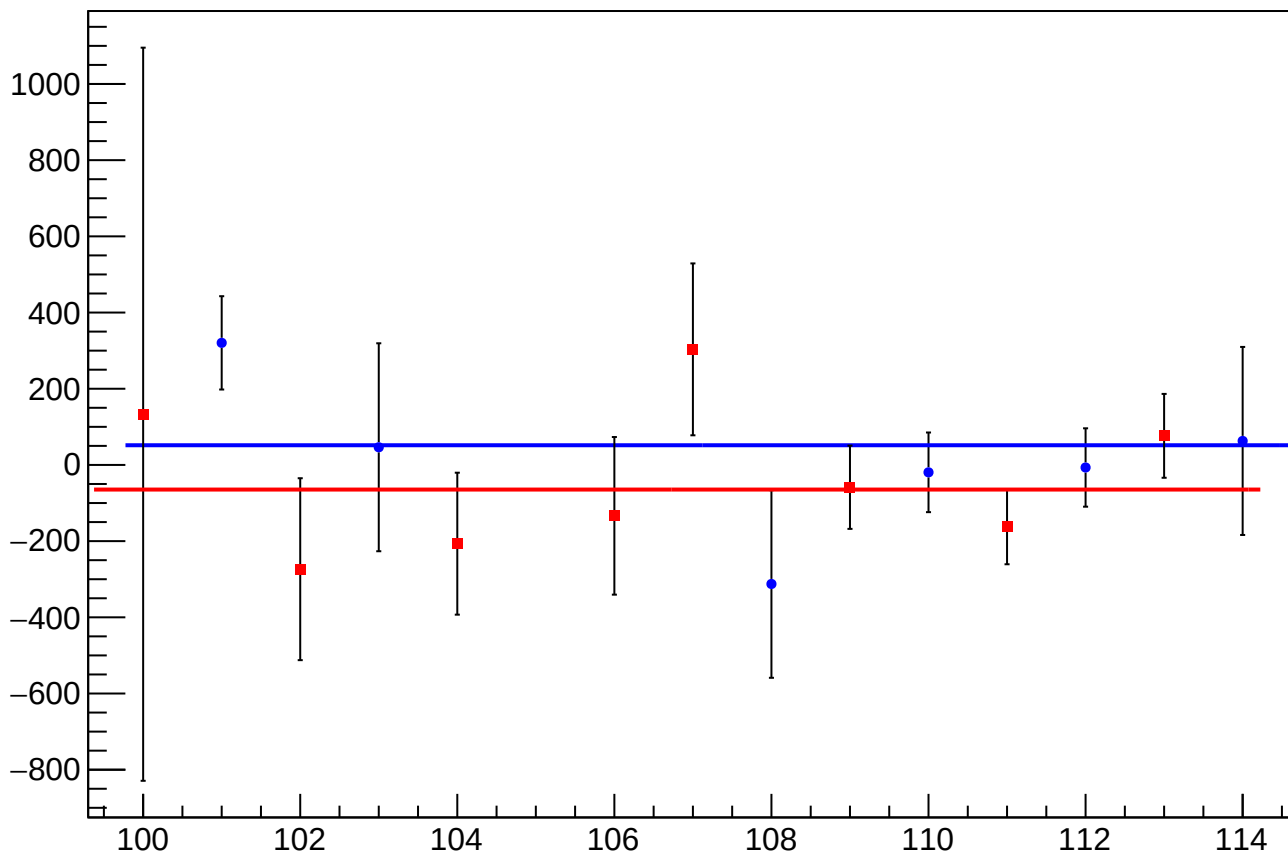
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 570.558 $\pm$ 0.169 χ^2 /NDF: 337605.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 51.686+/-57.832 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.629+/-52.639 χ^2/NDF : 6.8/7

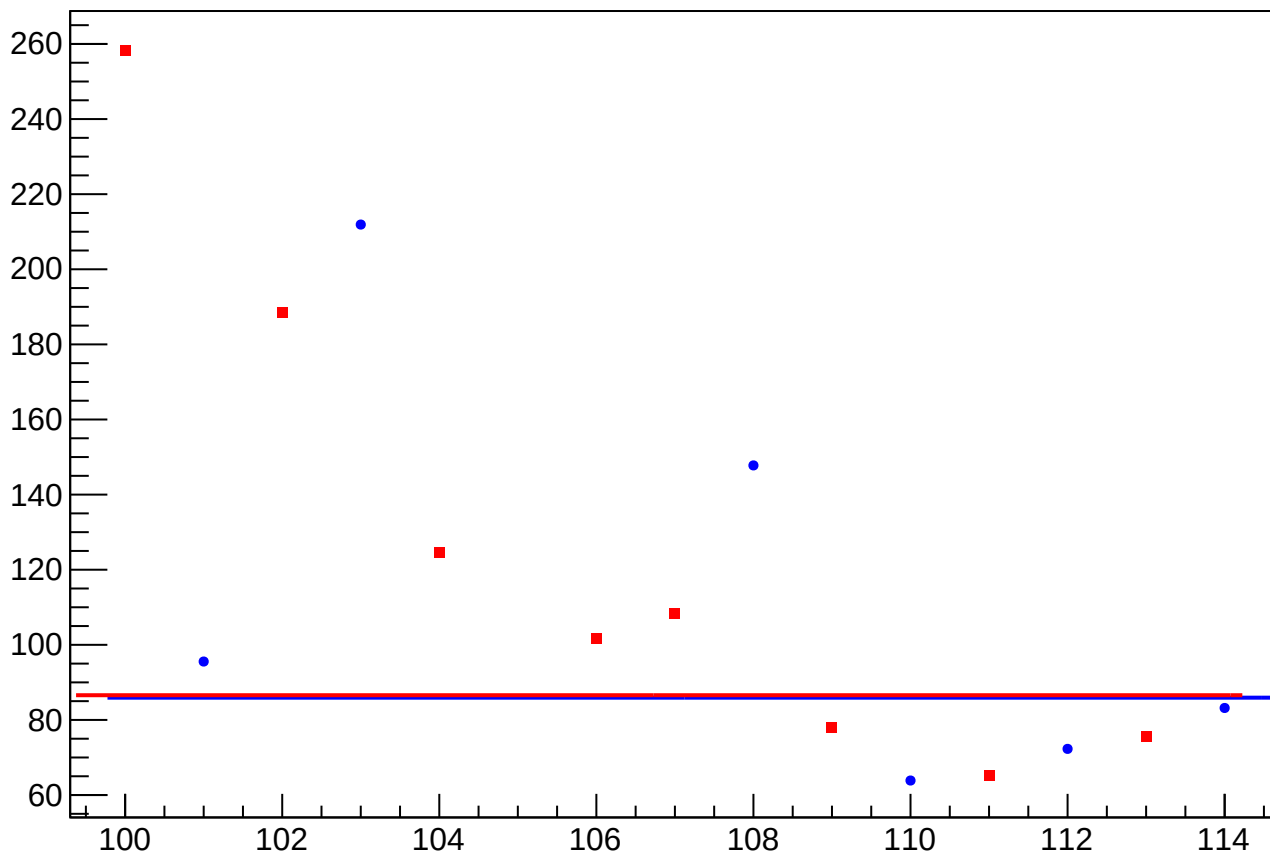
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.928+/-38.928 χ^2/NDF : 16.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 85.929+/-0.041 χ^2/NDF : 688988.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.581+/-0.037 χ^2/NDF : 667569.5/7

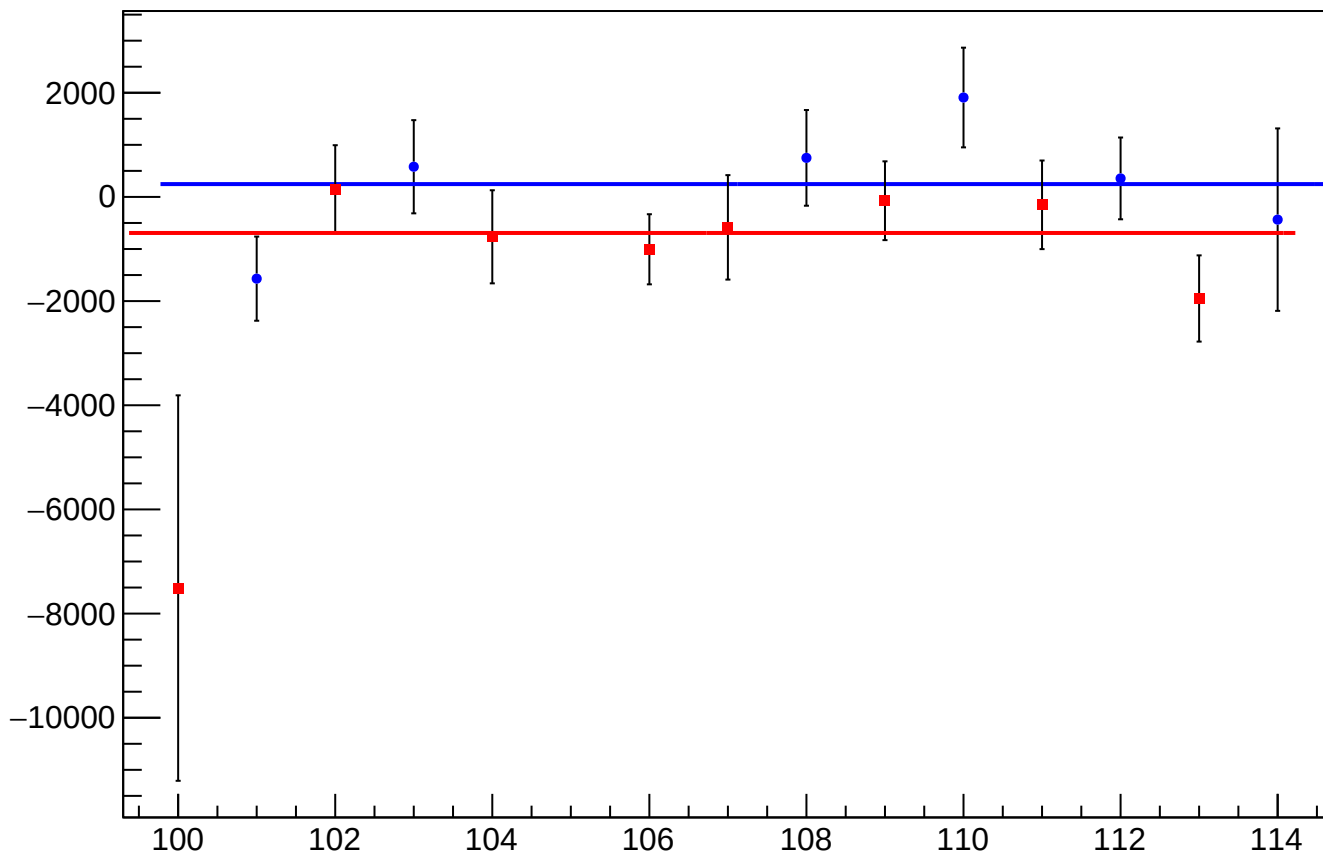
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.286+/-0.028 χ^2/NDF : 1356697.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: 246.426 $\pm$ 377.824 χ^2 /NDF: 8.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -692.041 $\pm$ 308.308 χ^2 /NDF: 8.0/7

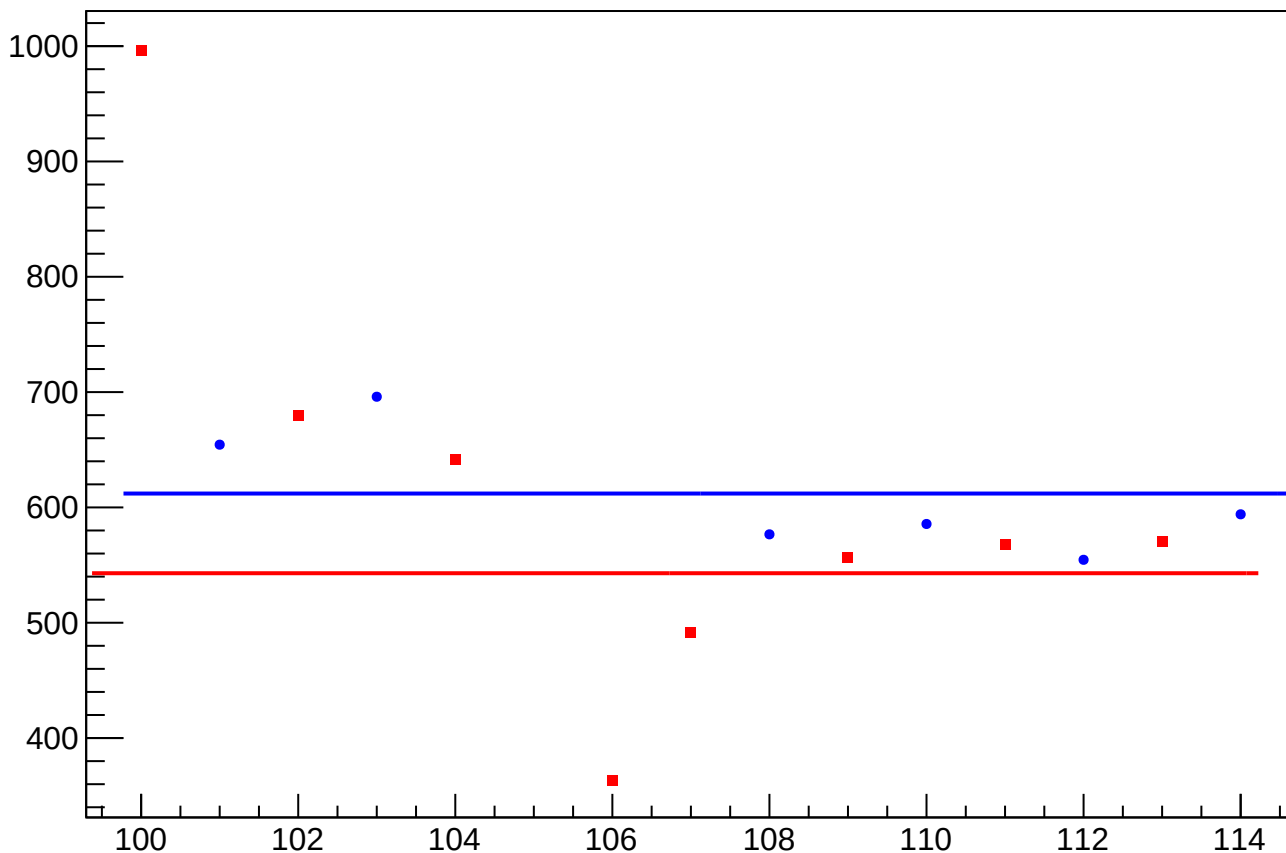
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -316.923 $\pm$ 238.871 χ^2 /NDF: 20.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 612.036 $\pm$ 0.267 χ^2 /NDF: 38514.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 542.938 $\pm$ 0.218 χ^2 /NDF: 258931.7/7

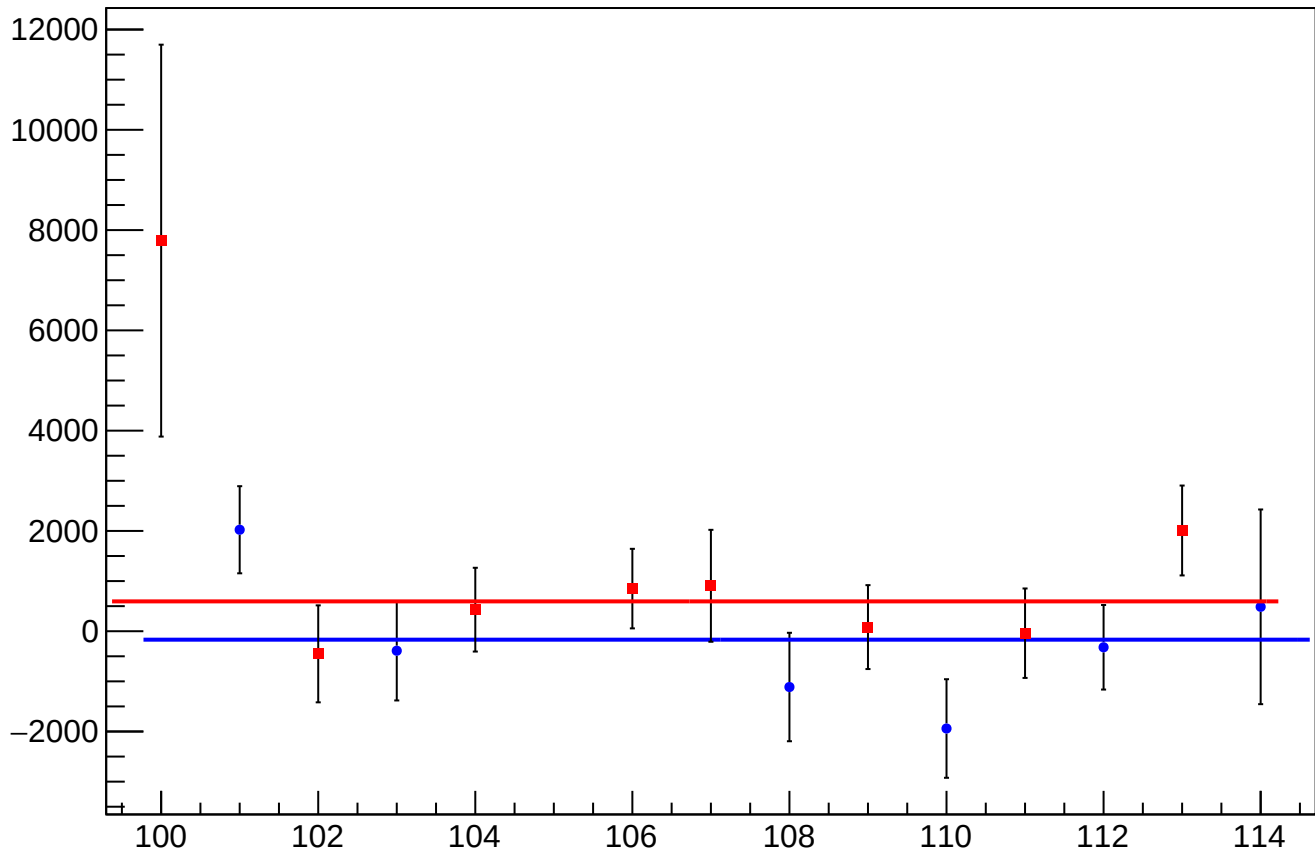
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 570.558 $\pm$ 0.169 χ^2 /NDF: 337600.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: -168.652 ± 411.555 χ^2/NDF : 10.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 595.049 ± 335.390 χ^2/NDF : 8.2/7

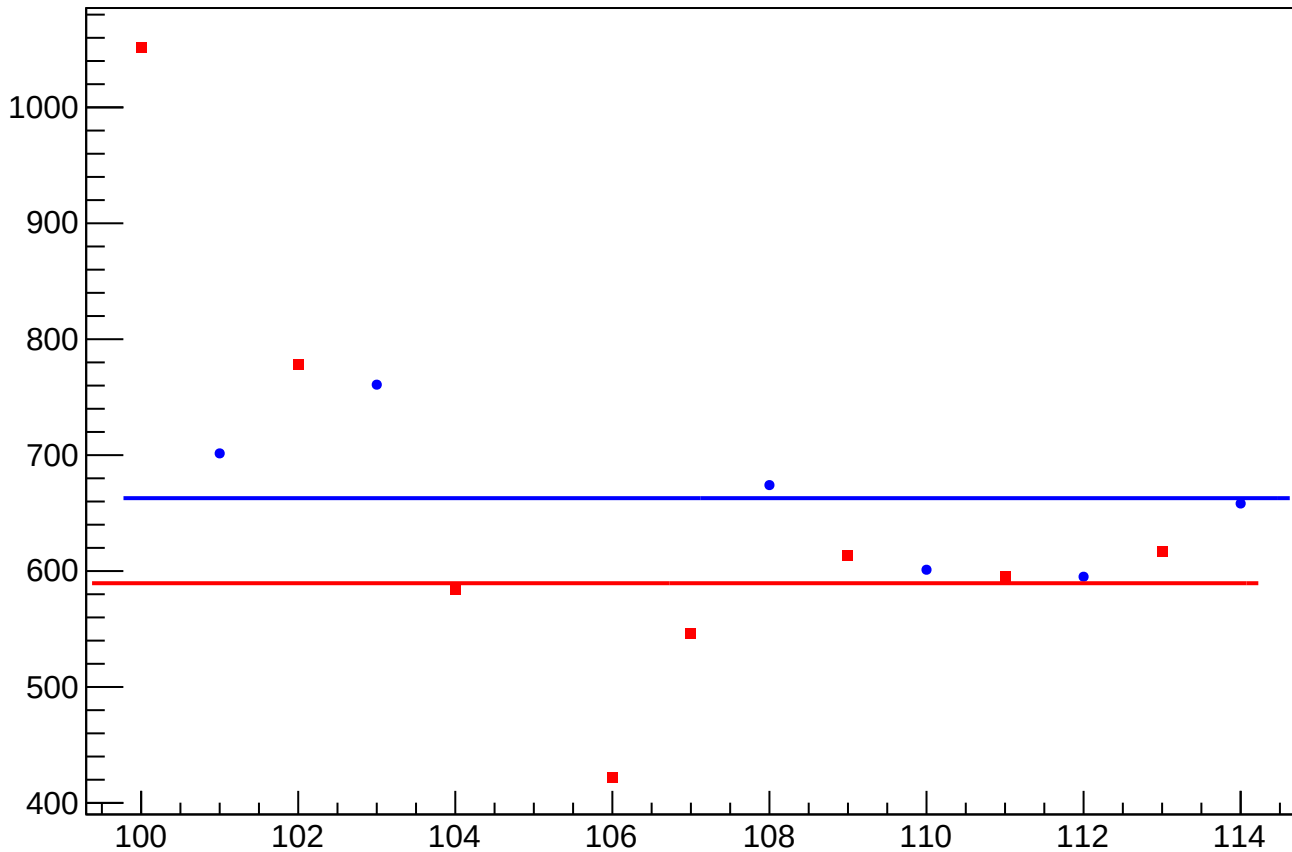
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 290.270 ± 259.991 χ^2/NDF : 20.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 662.889 $\pm$ 0.291 χ^2 /NDF: 44498.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 589.515 $\pm$ 0.237 χ^2 /NDF: 199697.8/7

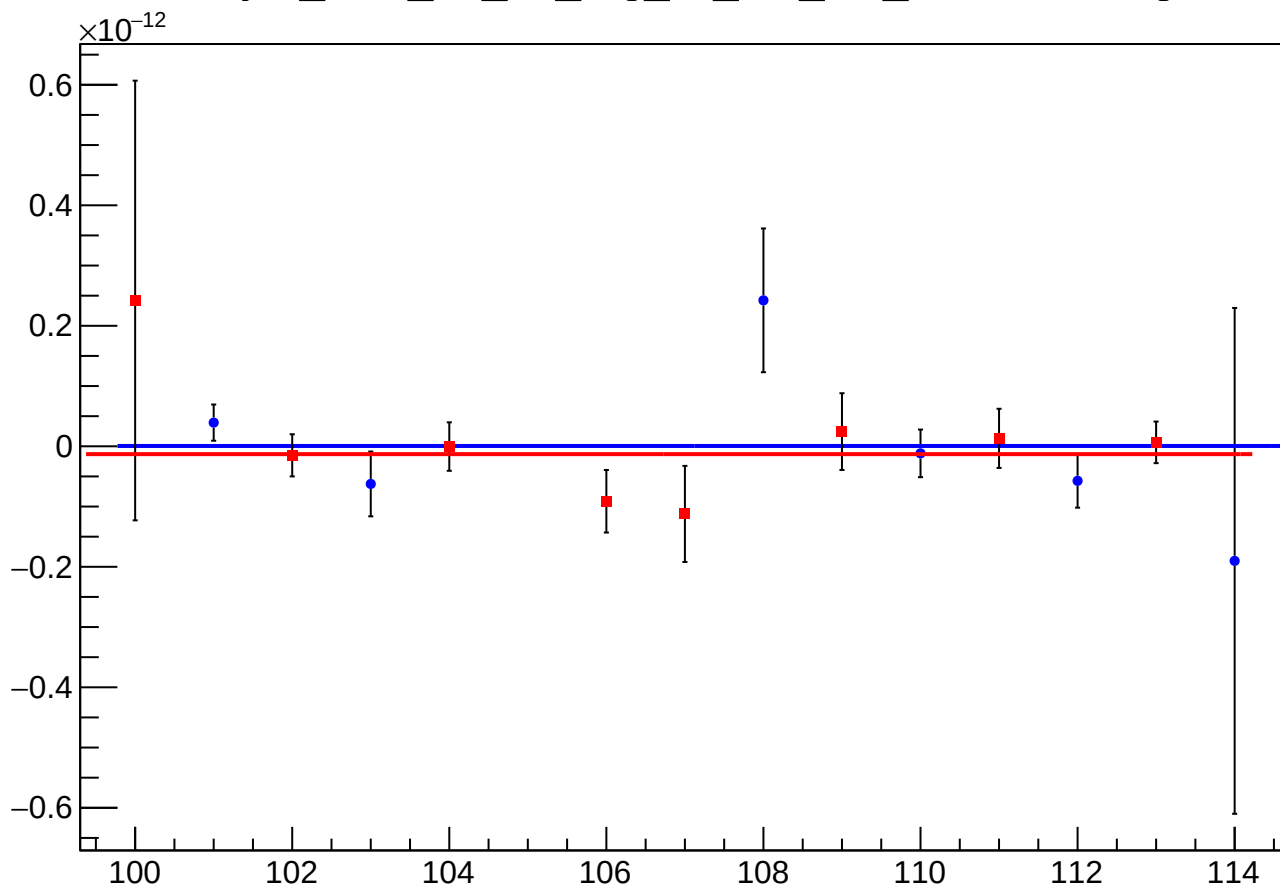
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 618.797 $\pm$ 0.184 χ^2 /NDF: 282397.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/7

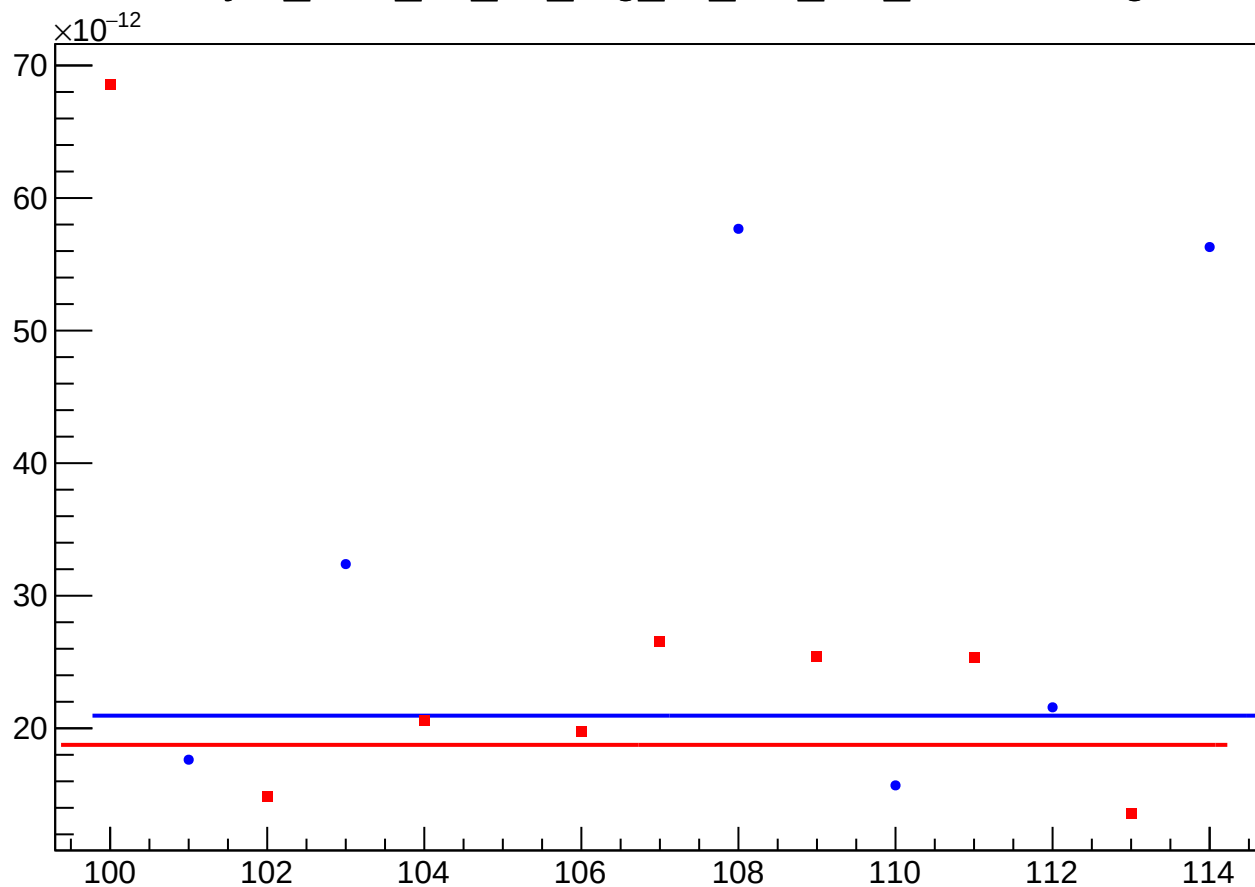
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 354378.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 189150.7/7

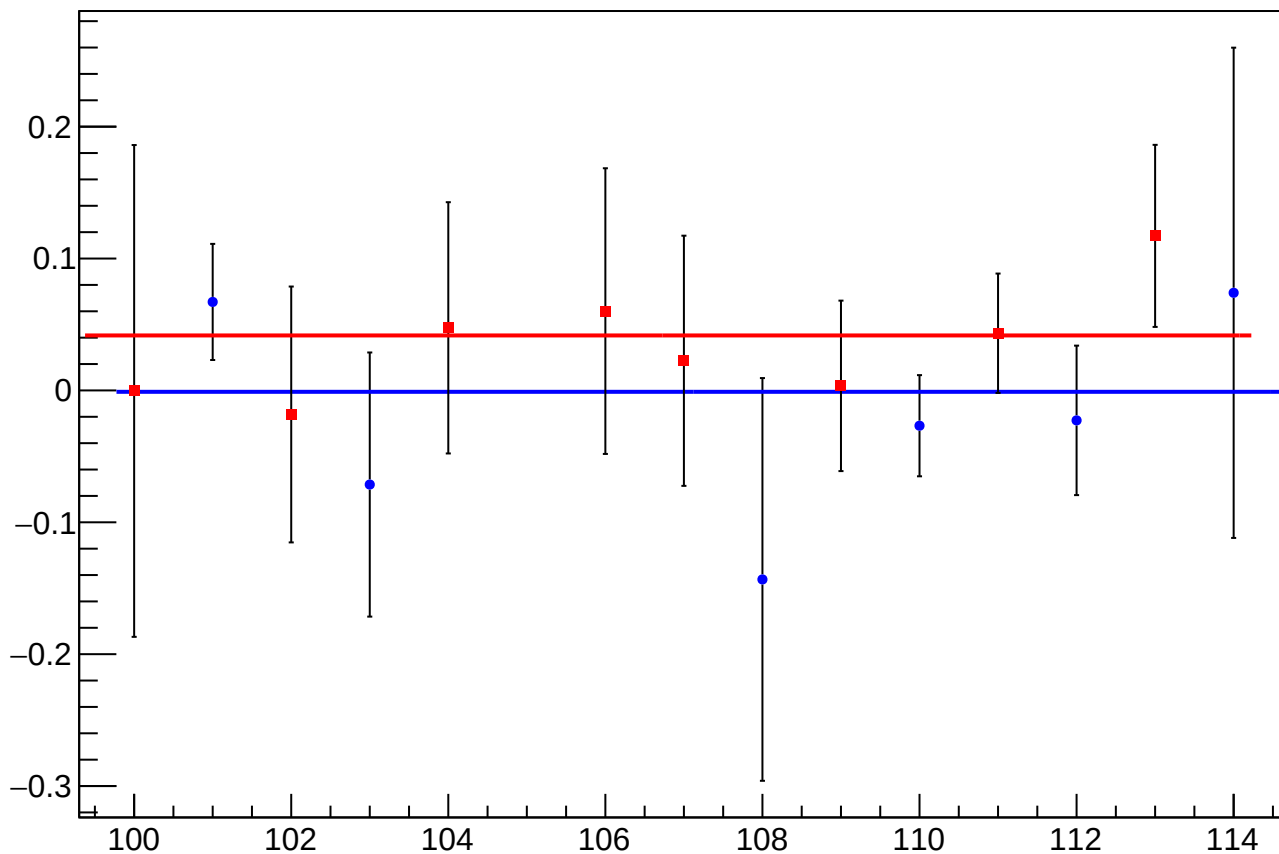
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 558200.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.024 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

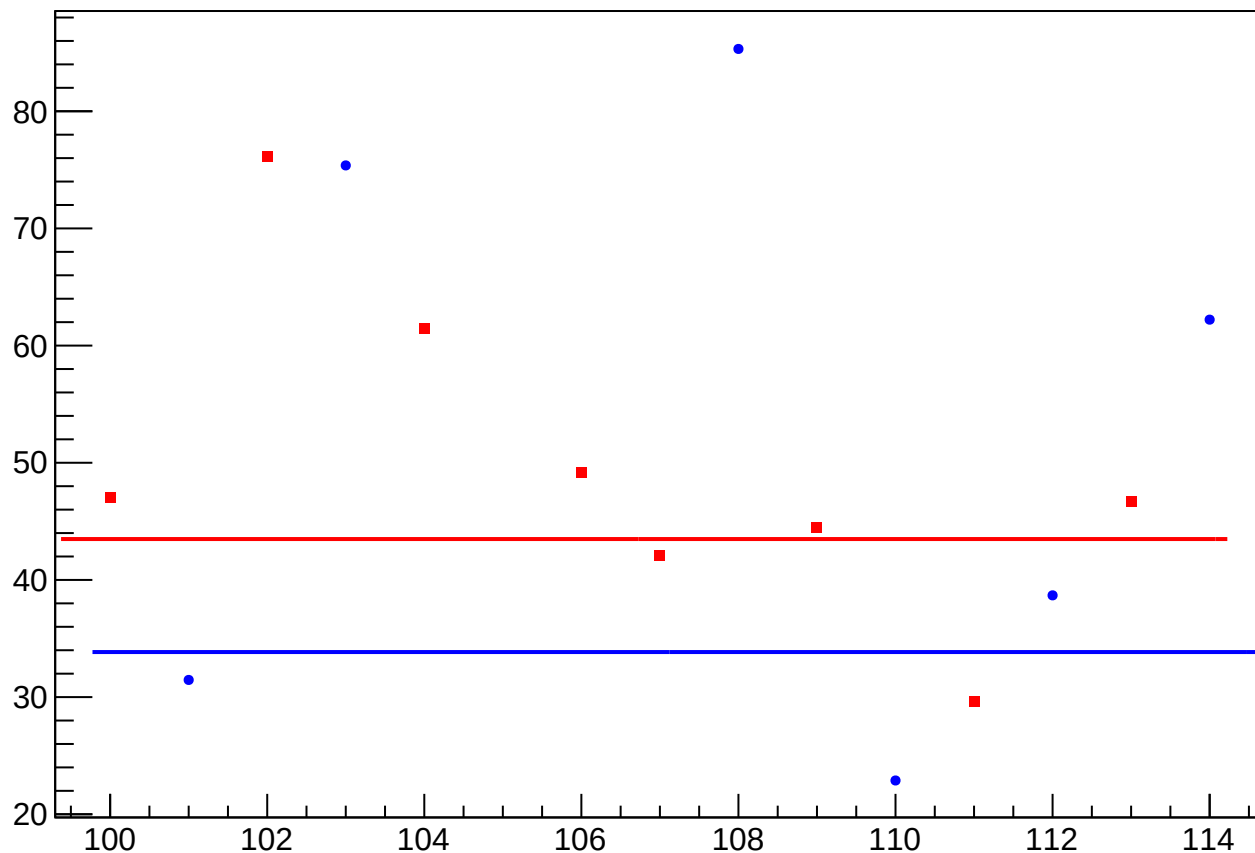
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.018 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 33.845 $\pm$ 0.017 χ^2 /NDF: 801573.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.490 $\pm$ 0.019 χ^2 /NDF: 496871.8/7

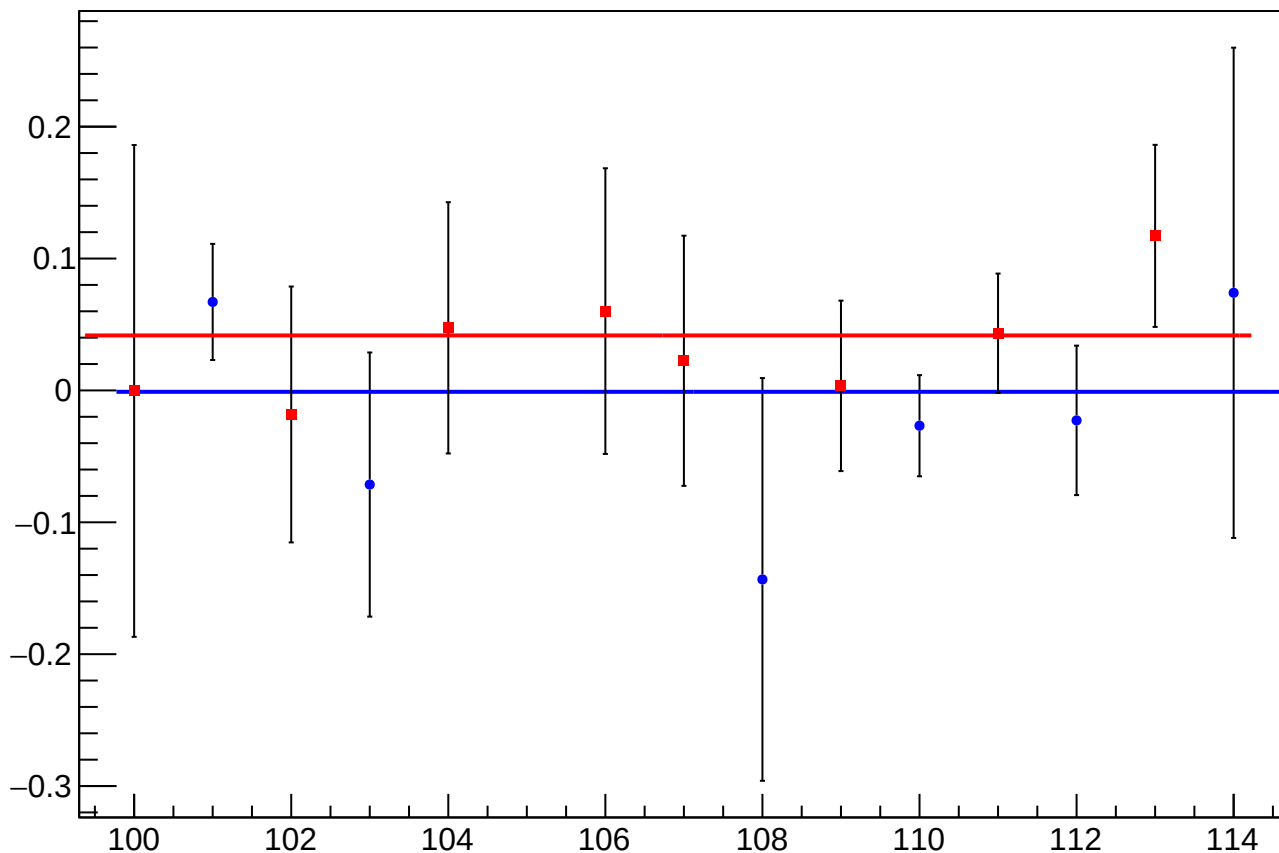
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.195 $\pm$ 0.013 χ^2 /NDF: 1439293.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.024 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

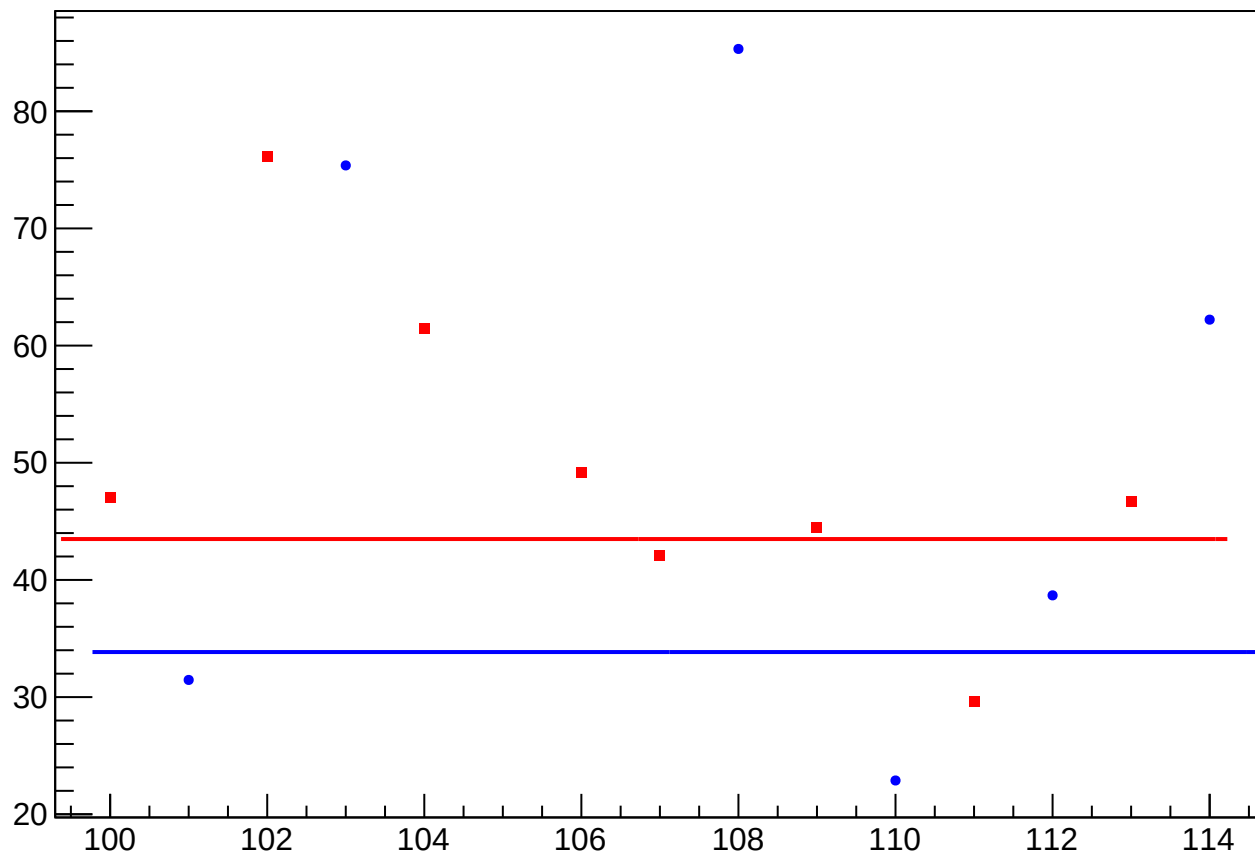
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.018 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 33.845+/-0.017 χ^2/NDF : 801573.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.490+/-0.019 χ^2/NDF : 496871.8/7

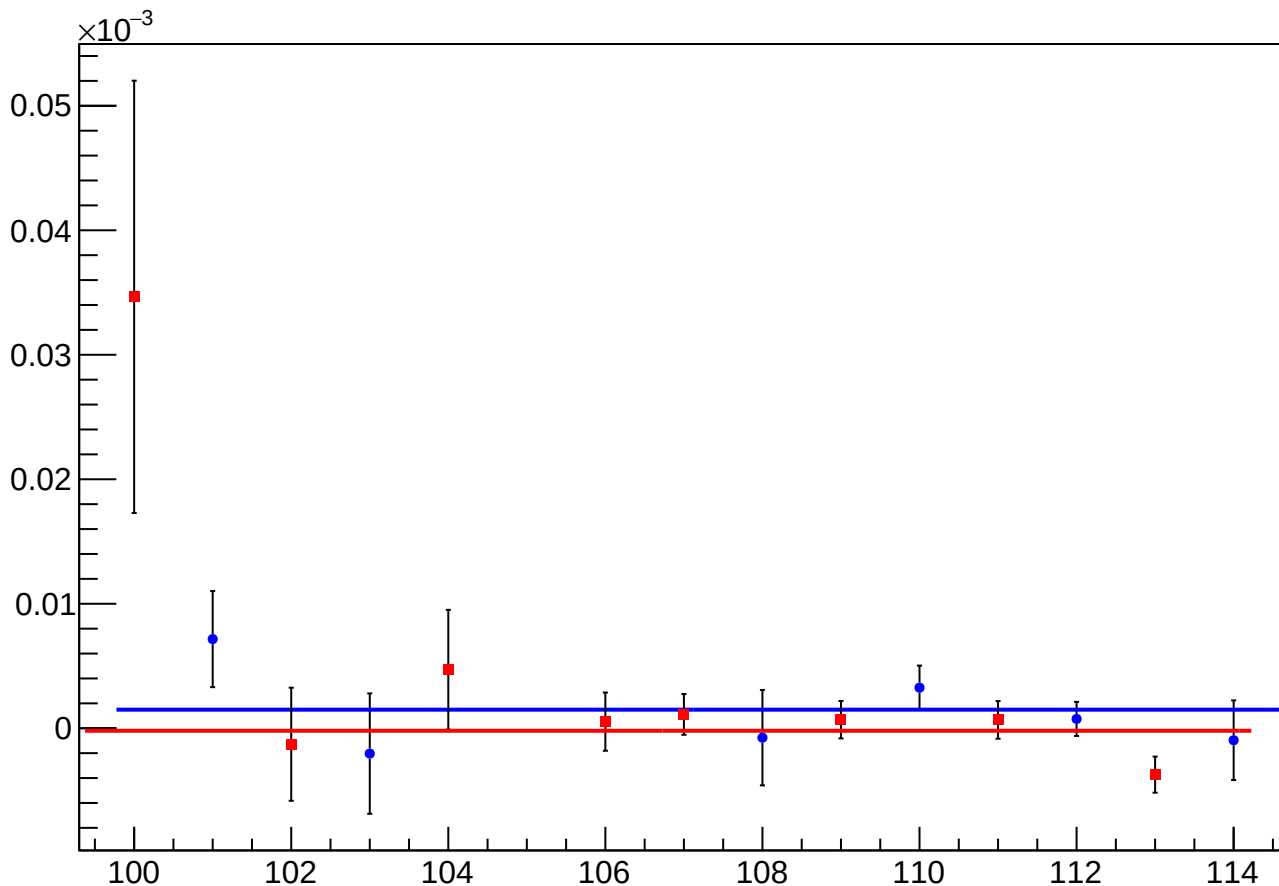
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.195+/-0.013 χ^2/NDF : 1439293.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/7

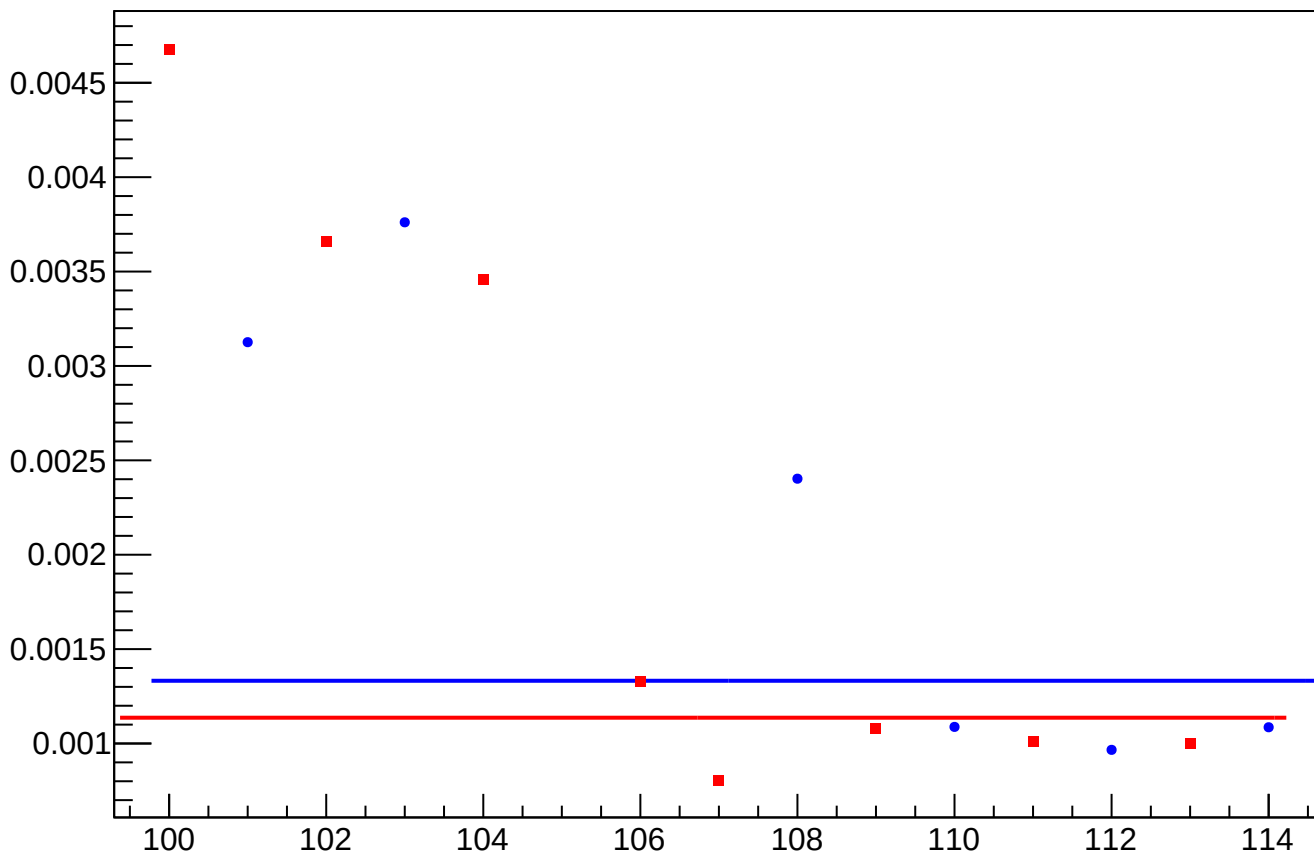
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1285157.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1295074.8/7

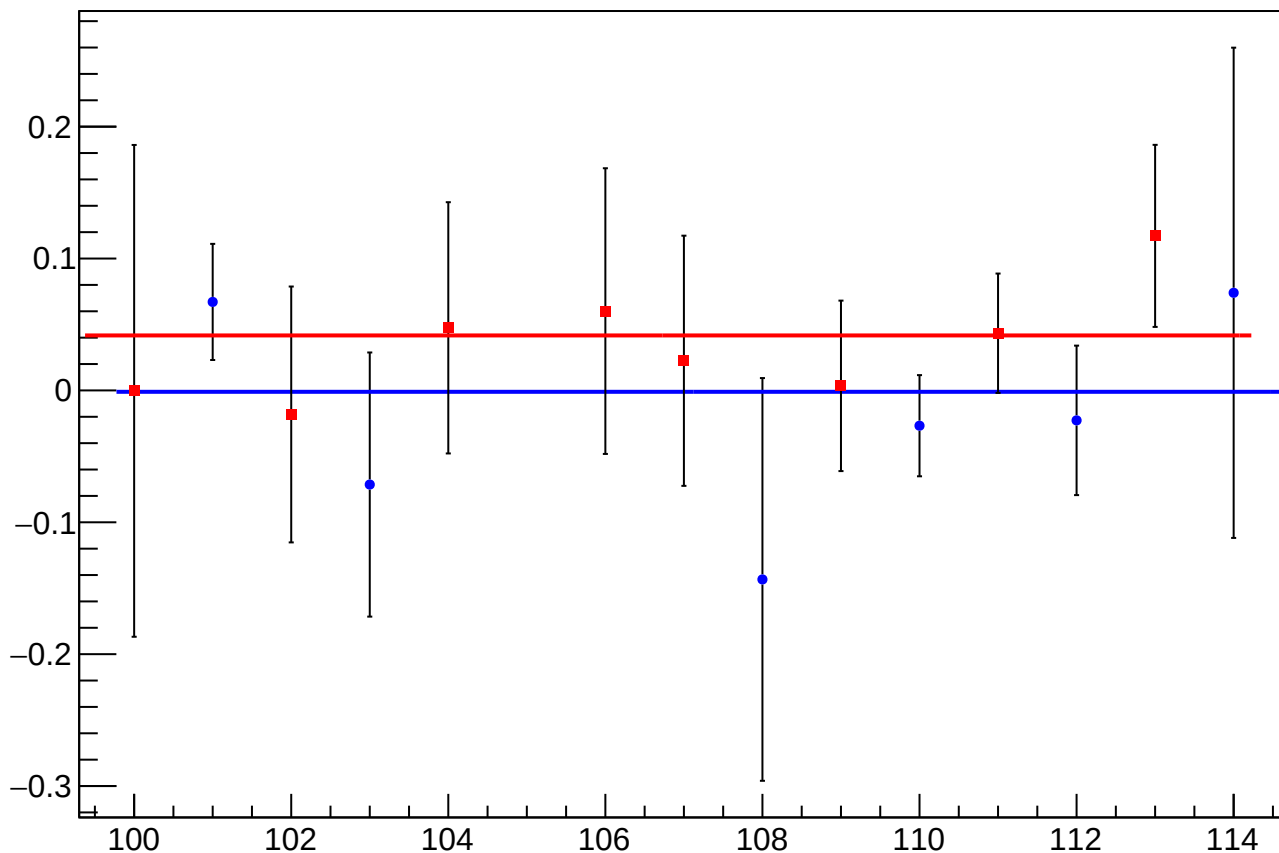
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2635486.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.024 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

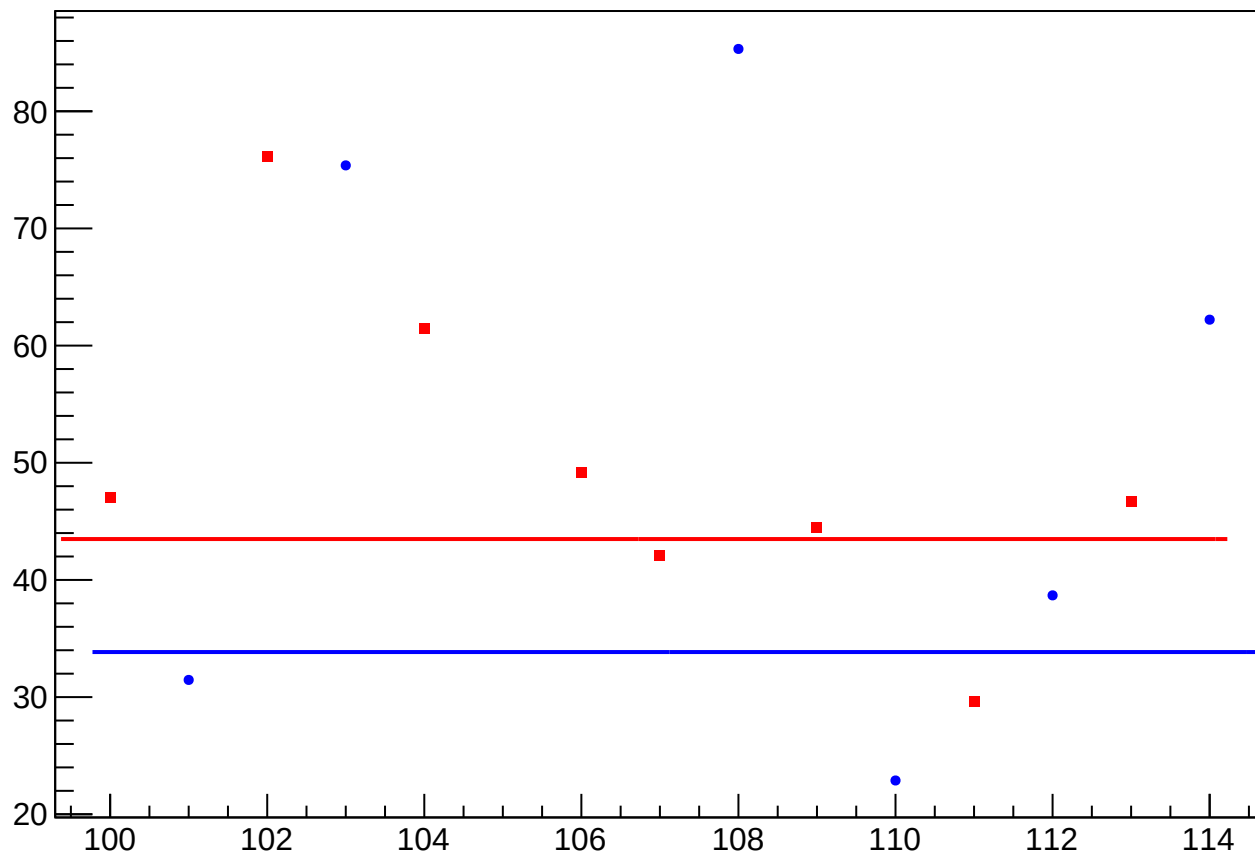
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.018 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 33.845+/-0.017 χ^2/NDF : 801593.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.490+/-0.019 χ^2/NDF : 496891.3/7

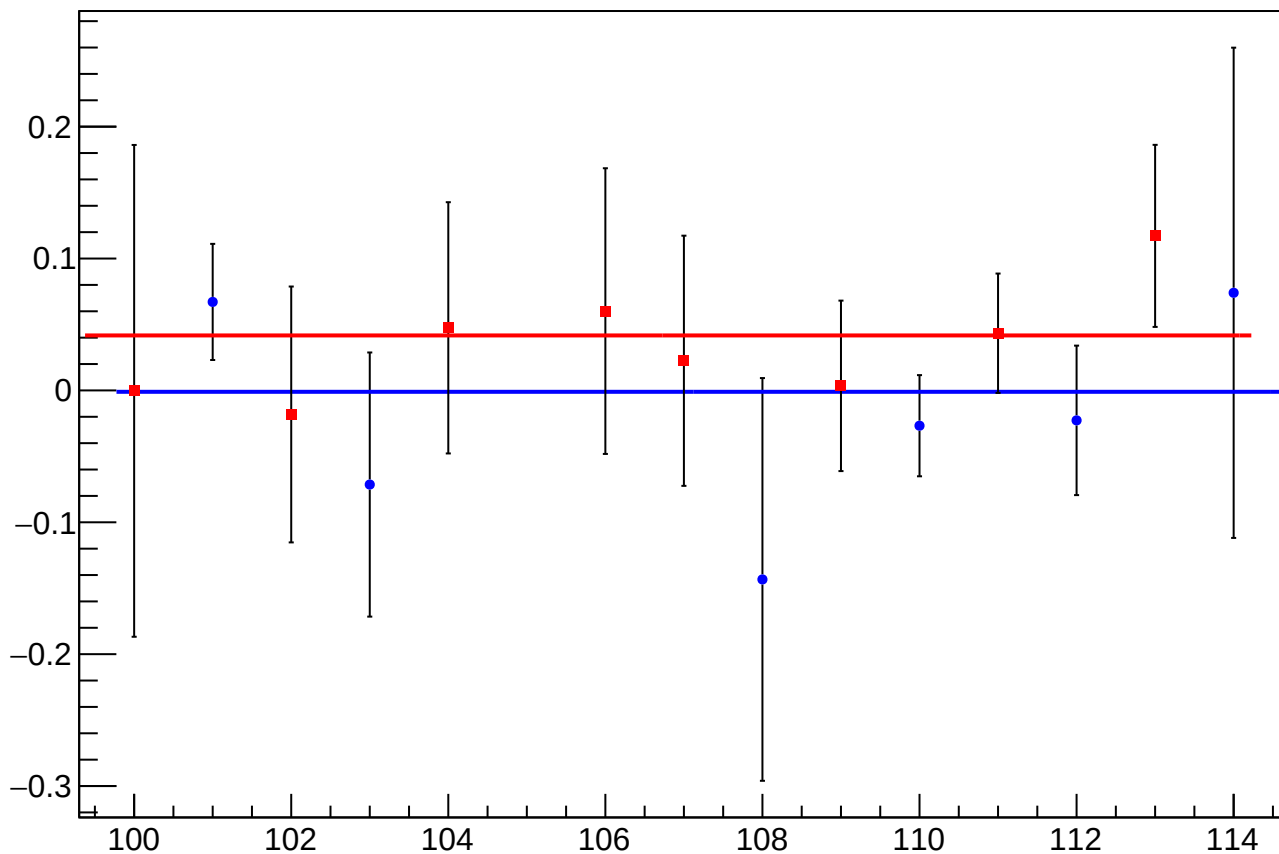
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.196+/-0.013 χ^2/NDF : 1439315.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.024 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

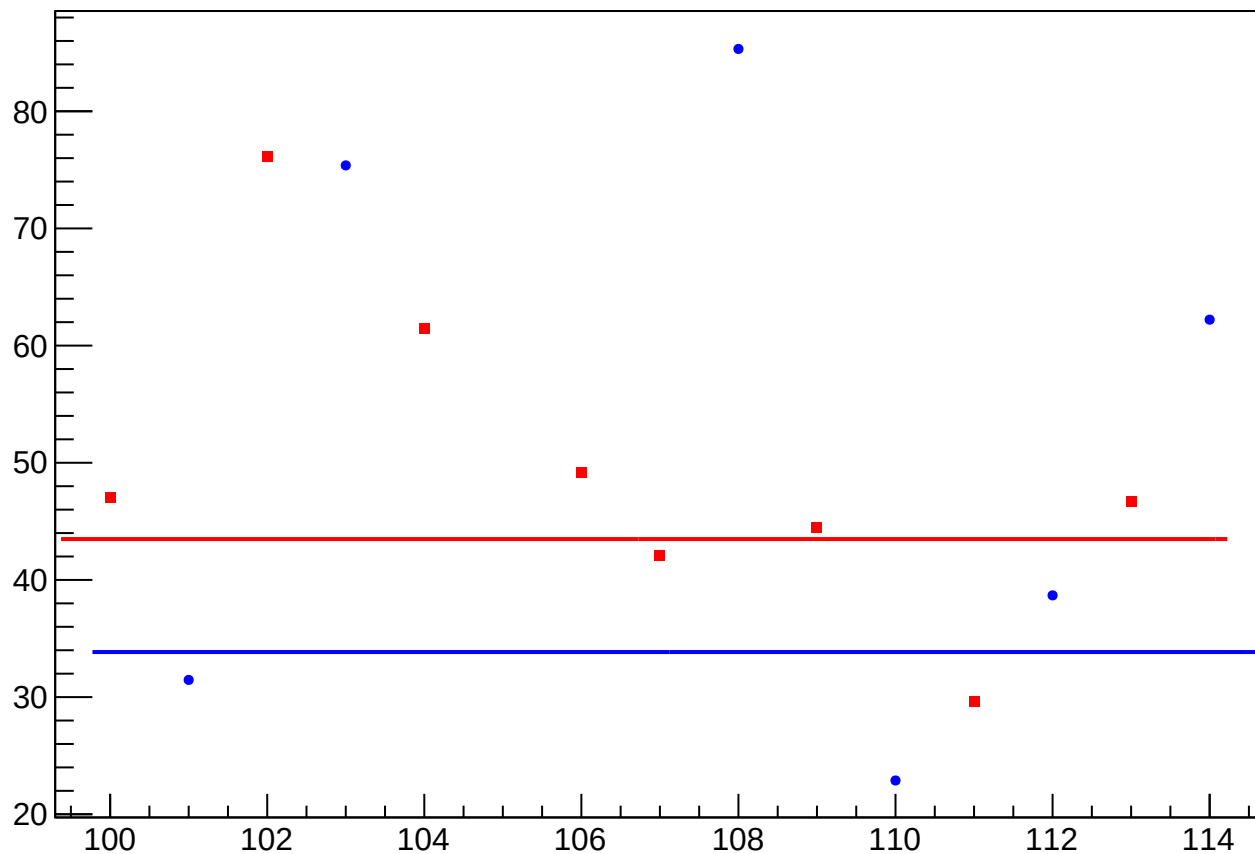
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.018 χ^2 /NDF: 8.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 33.845+/-0.017 χ^2/NDF : 801593.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.490+/-0.019 χ^2/NDF : 496891.3/7

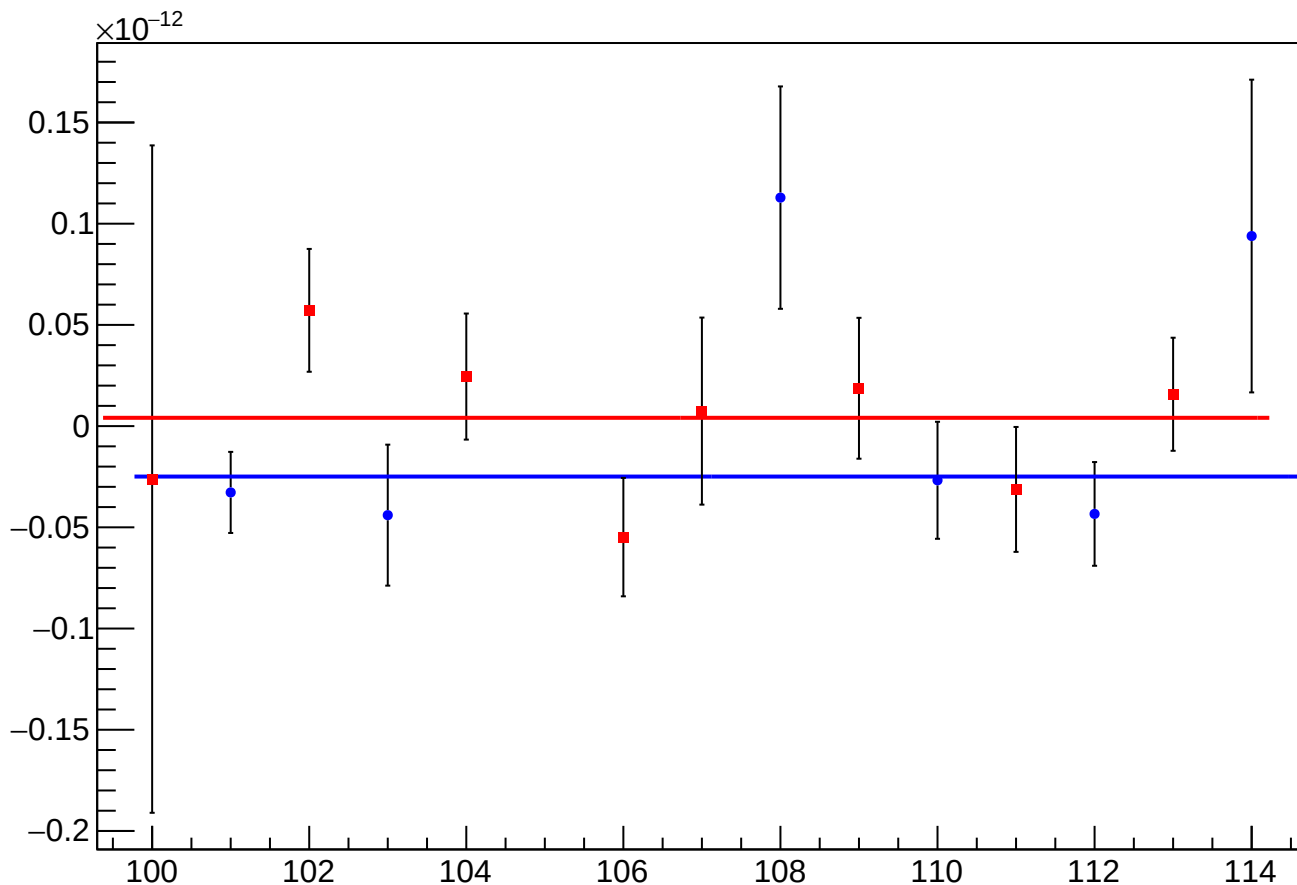
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.196+/-0.013 χ^2/NDF : 1439315.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.3/7

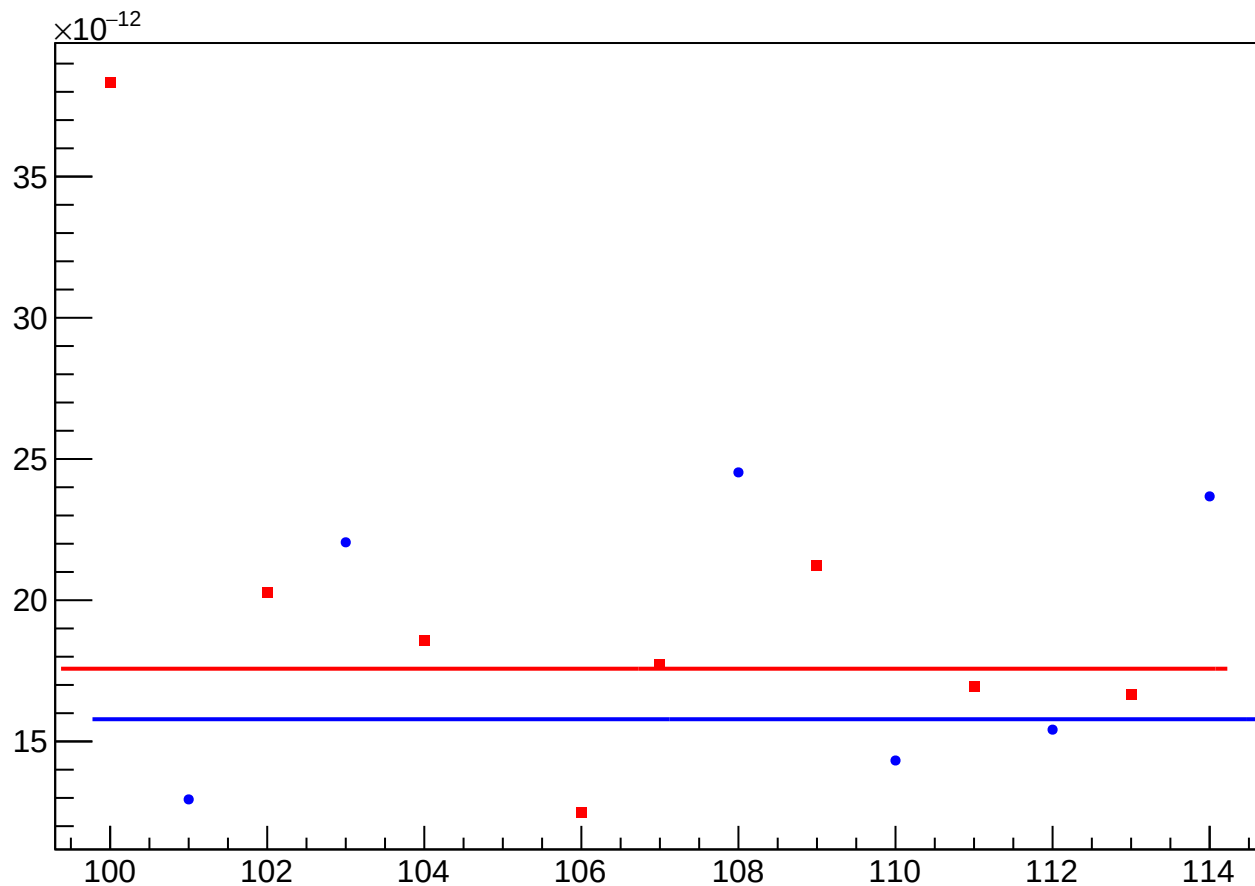
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 181893.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134880.4/7

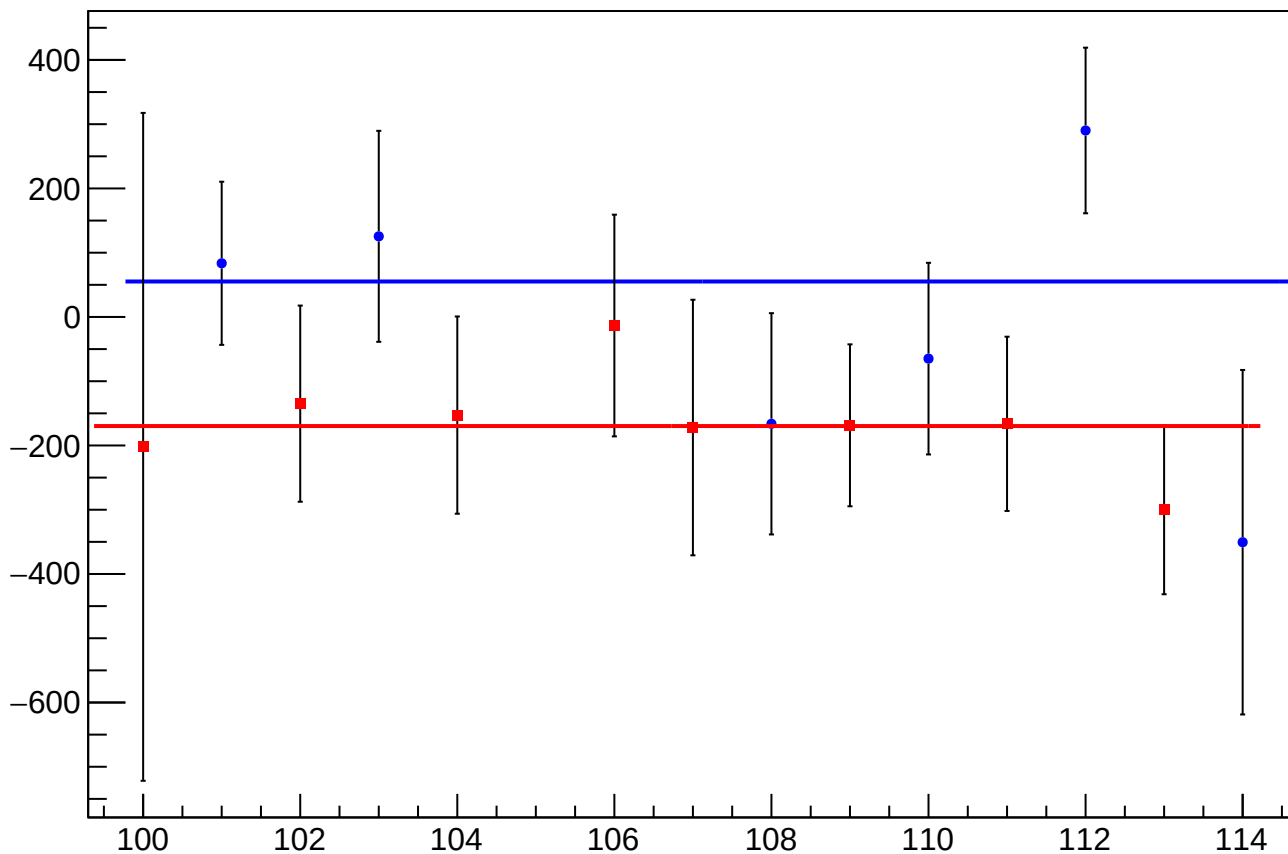
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 338330.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 55.199+/-62.995 χ^2/NDF : 8.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.778+/-55.616 χ^2/NDF : 1.9/7

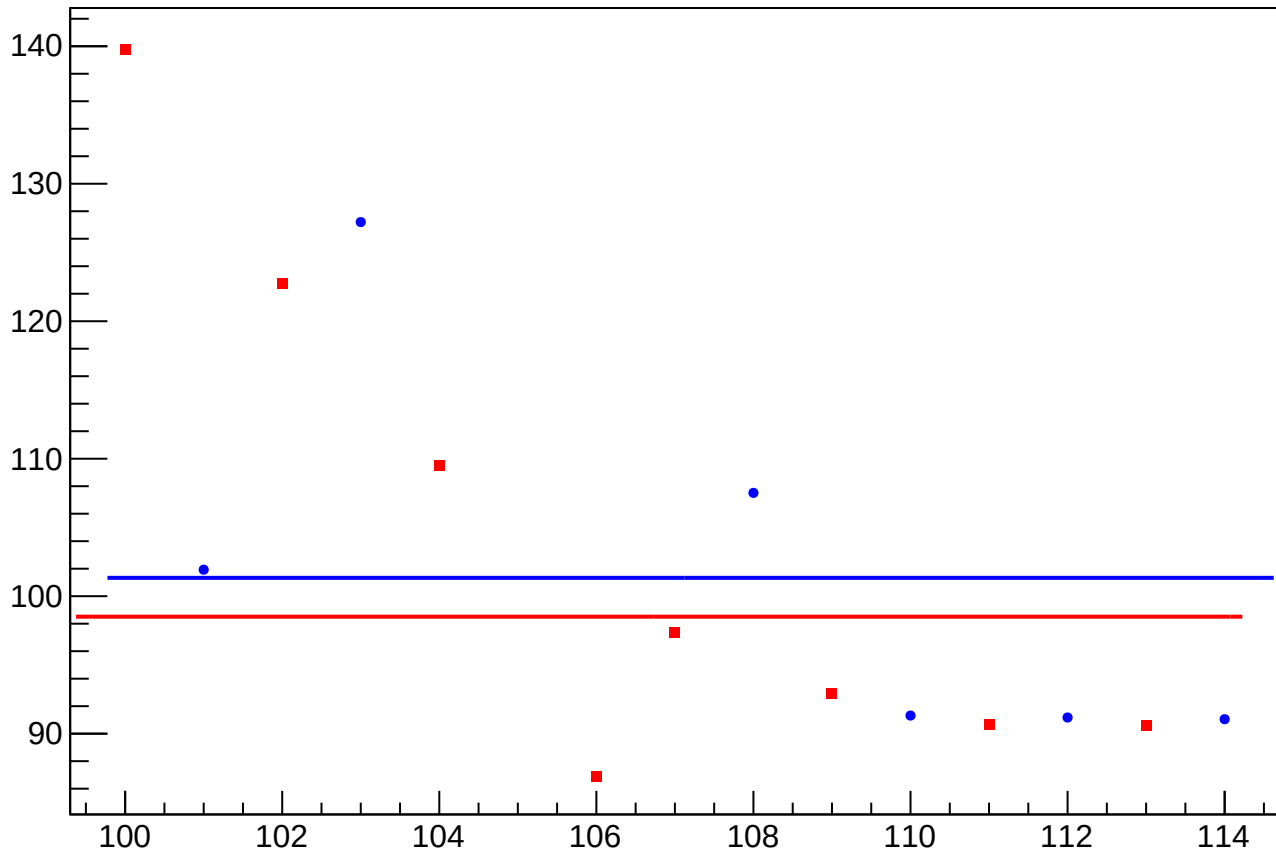
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.232+/-41.693 χ^2/NDF : 17.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 101.335 $\pm$ 0.045 χ^2 /NDF: 76700.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.509 $\pm$ 0.039 χ^2 /NDF: 100269.3/7

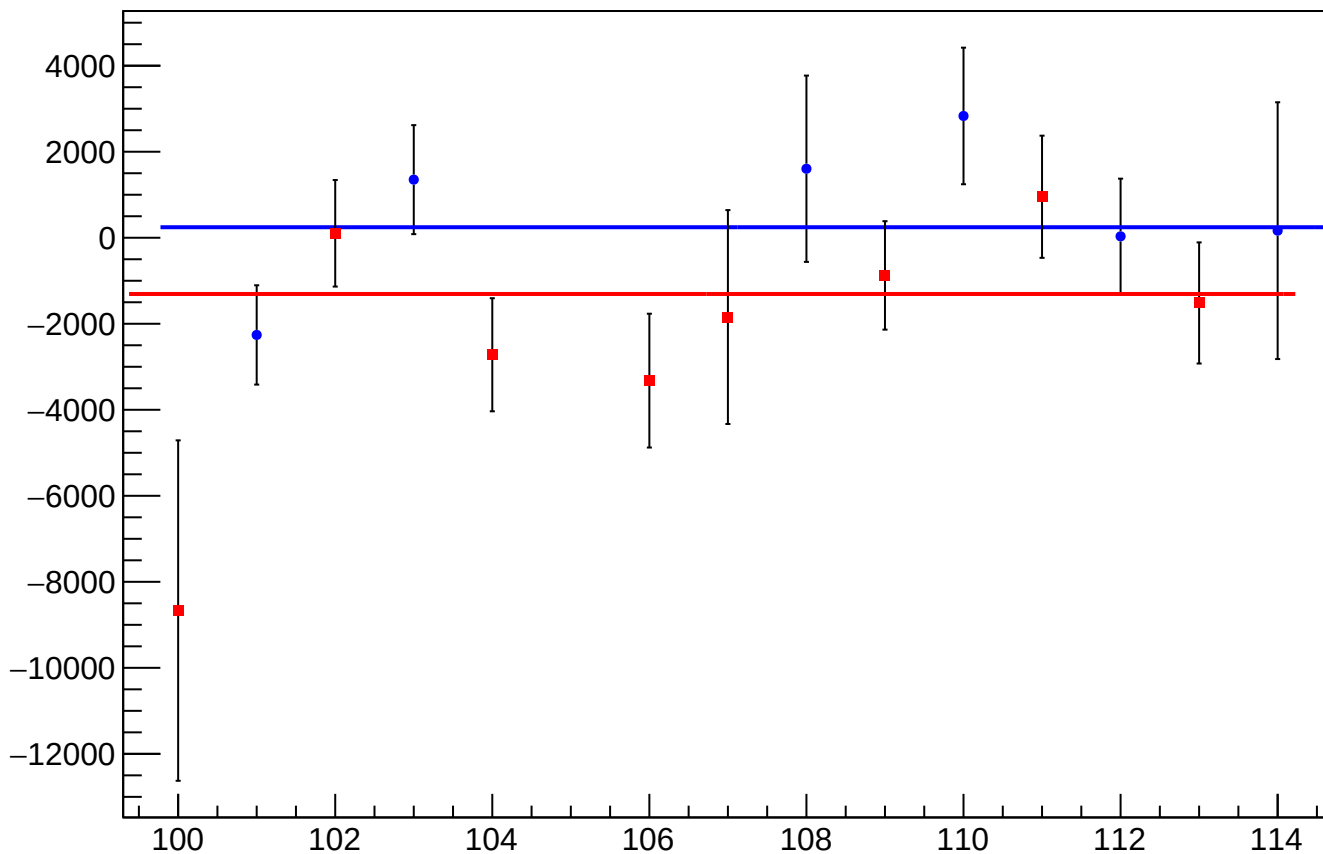
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.747 $\pm$ 0.029 χ^2 /NDF: 179231.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: 244.685 $\pm$ 614.178 χ^2 /NDF: 8.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1307.473 $\pm$ 534.677 χ^2 /NDF: 10.3/7

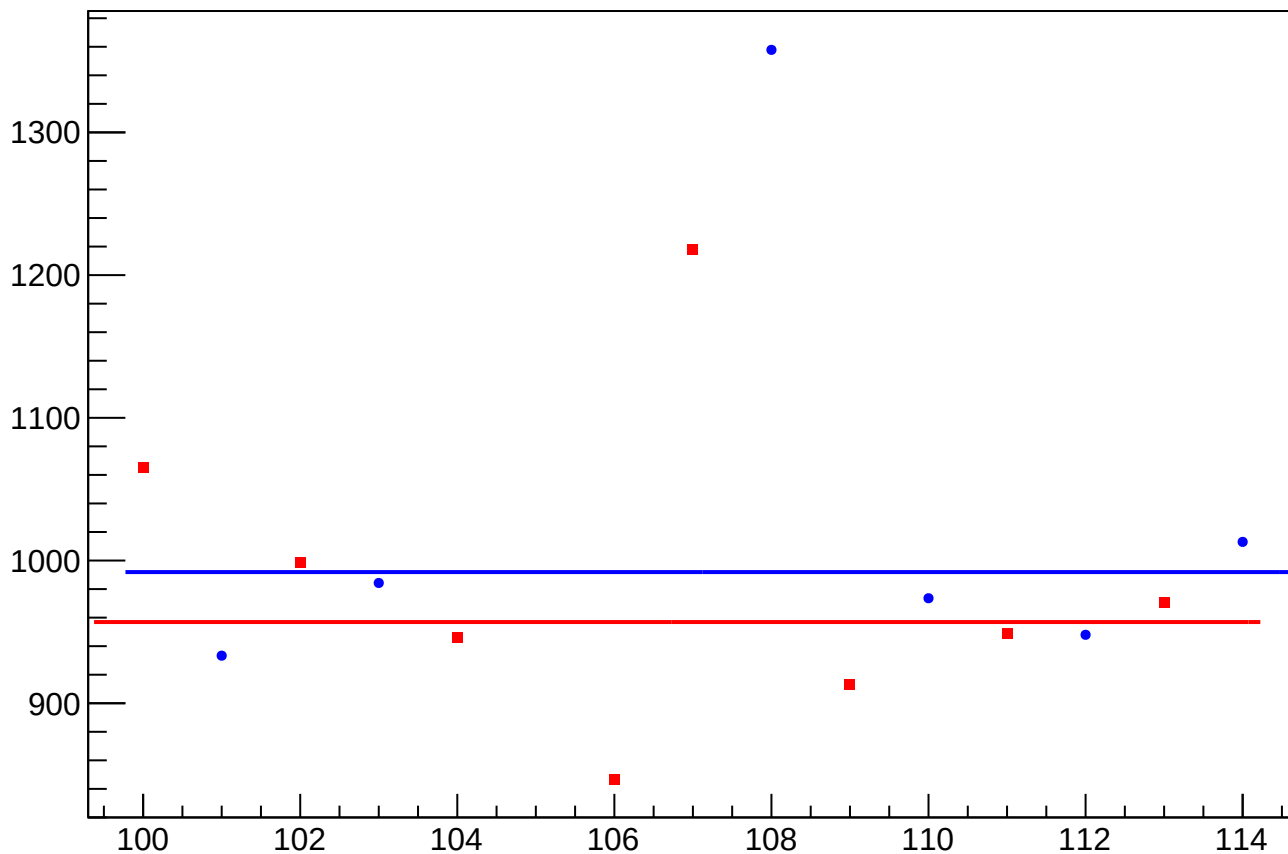
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -638.292 $\pm$ 403.272 χ^2 /NDF: 22.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 991.914 $\pm$ 0.434 χ^2 /NDF: 64823.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 956.906 $\pm$ 0.378 χ^2 /NDF: 38592.0/7

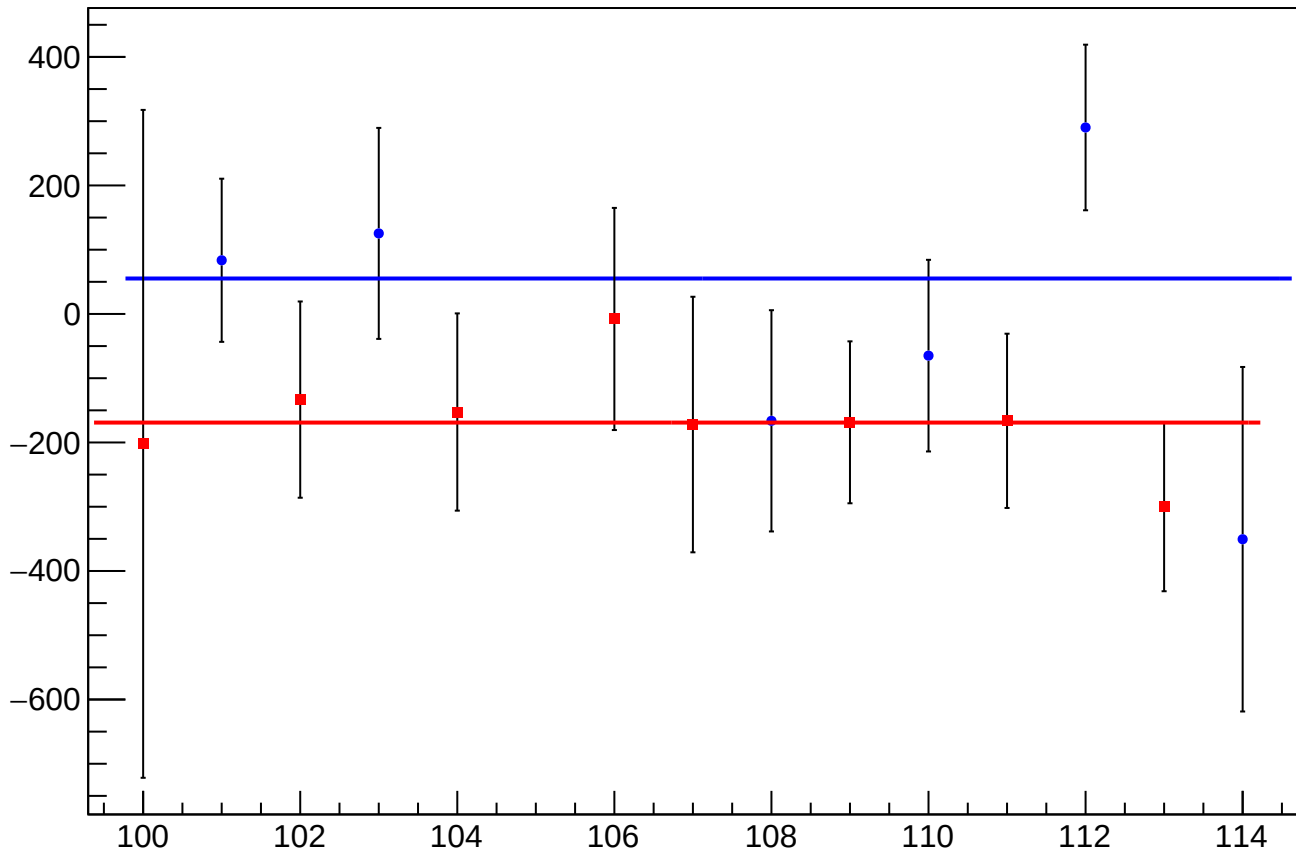
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 971.999 $\pm$ 0.285 χ^2 /NDF: 107111.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 55.173+/-62.995 χ^2/NDF : 8.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.041+/-55.630 χ^2/NDF : 1.9/7

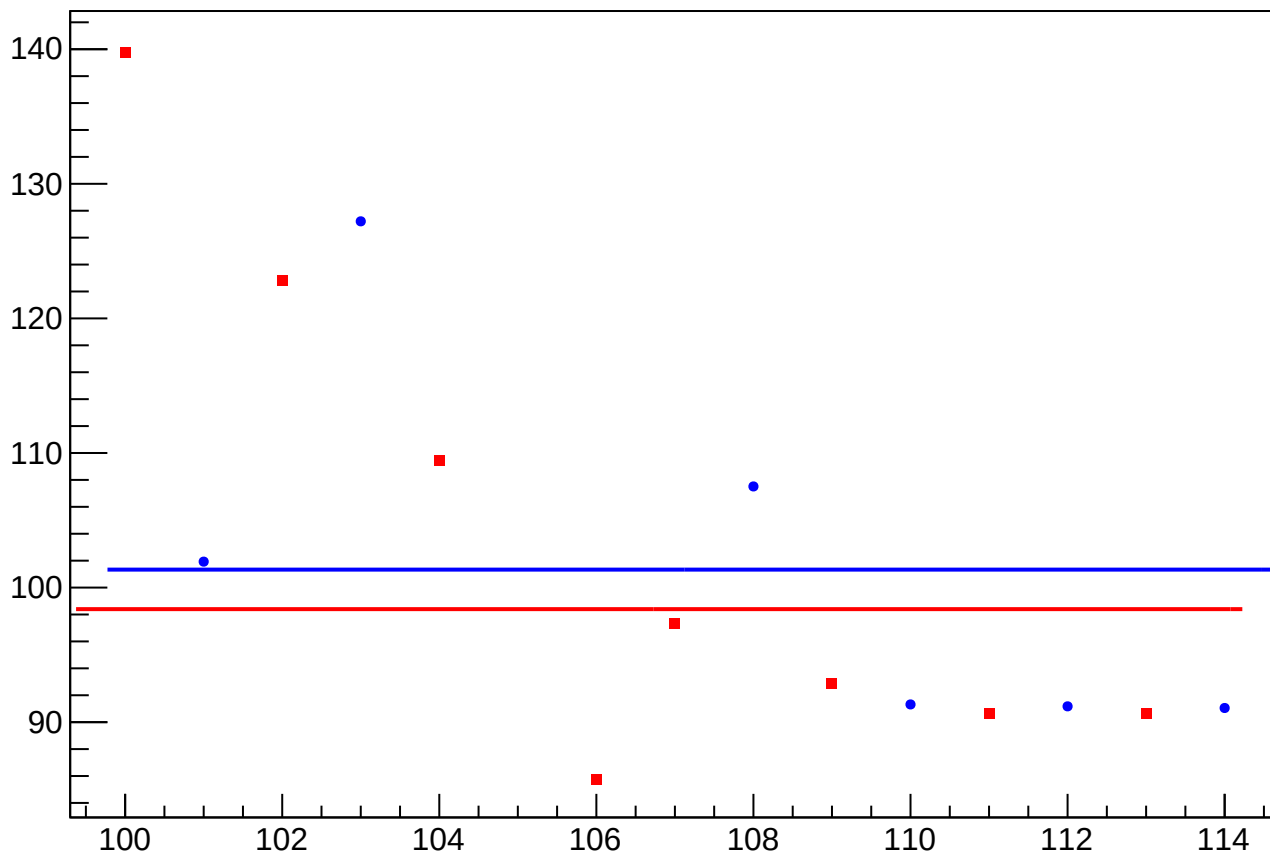
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.801+/-41.699 χ^2/NDF : 17.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 101.335 $\pm$ 0.045 χ^2 /NDF: 76702.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.399 $\pm$ 0.039 χ^2 /NDF: 102249.5/7

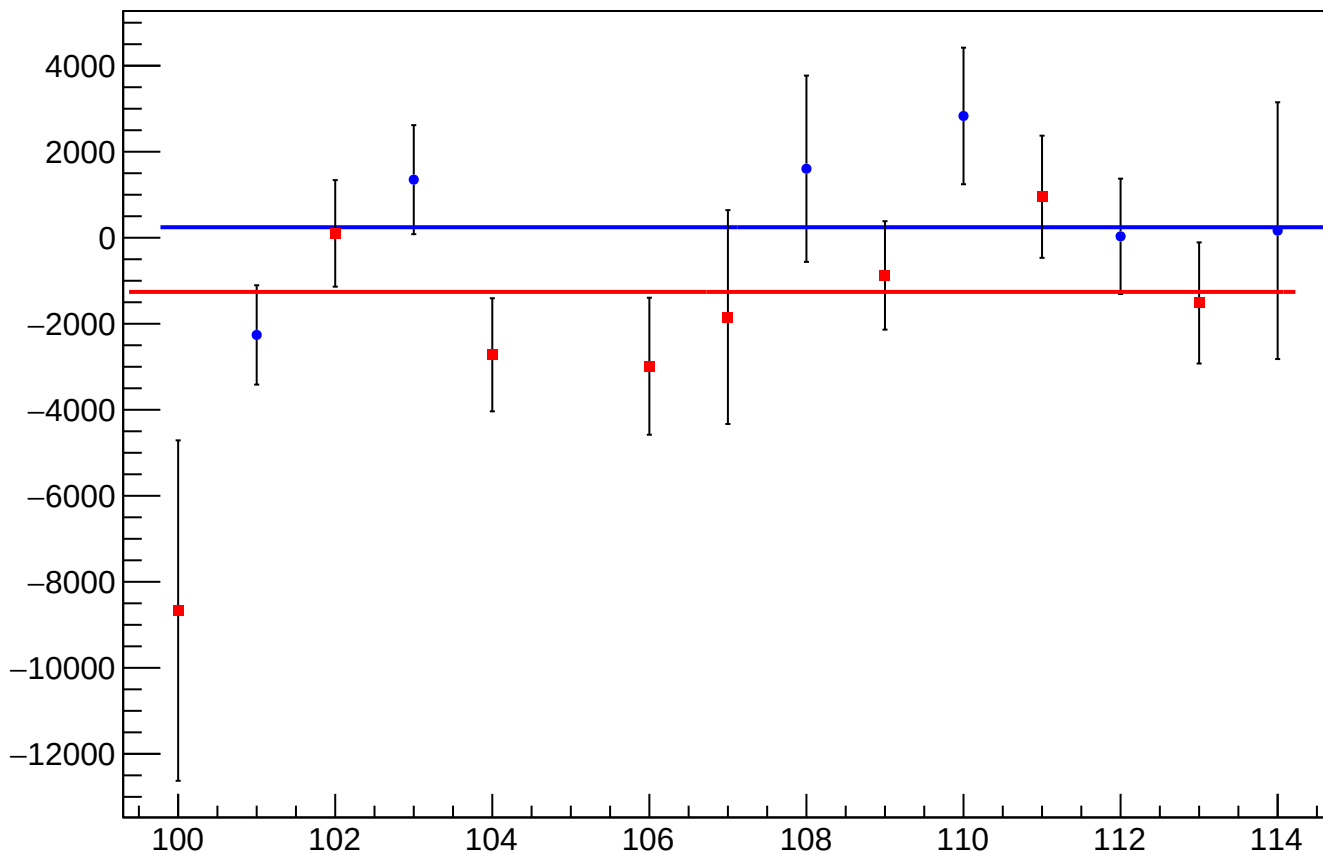
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.685 $\pm$ 0.029 χ^2 /NDF: 181392.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



Right In: 244.509 $\pm$ 614.187 χ^2 /NDF: 8.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1259.318 $\pm$ 536.164 χ^2 /NDF: 9.7/7

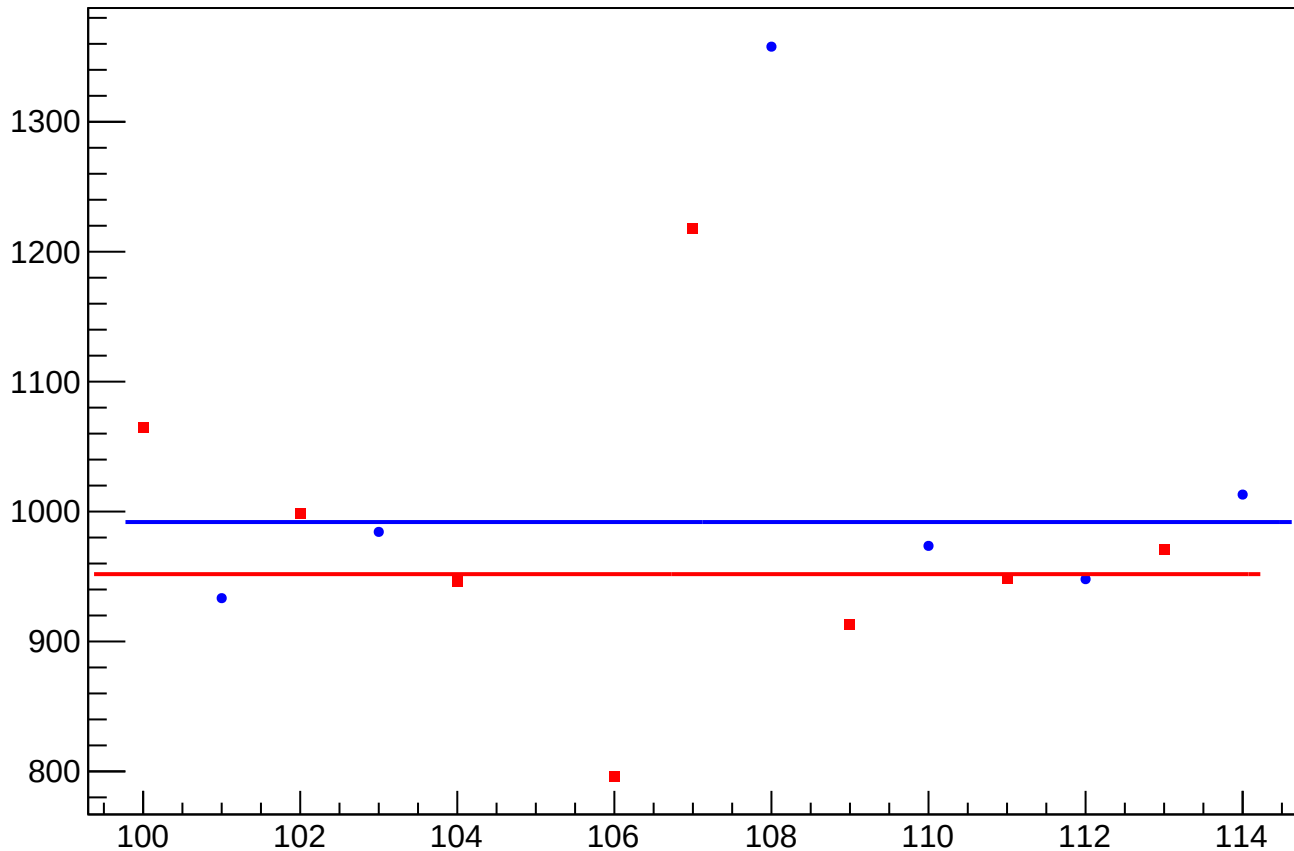
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -608.935 $\pm$ 403.912 χ^2 /NDF: 21.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 991.929+/-0.434 χ^2/NDF : 64821.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.832+/-0.379 χ^2/NDF : 48783.3/7

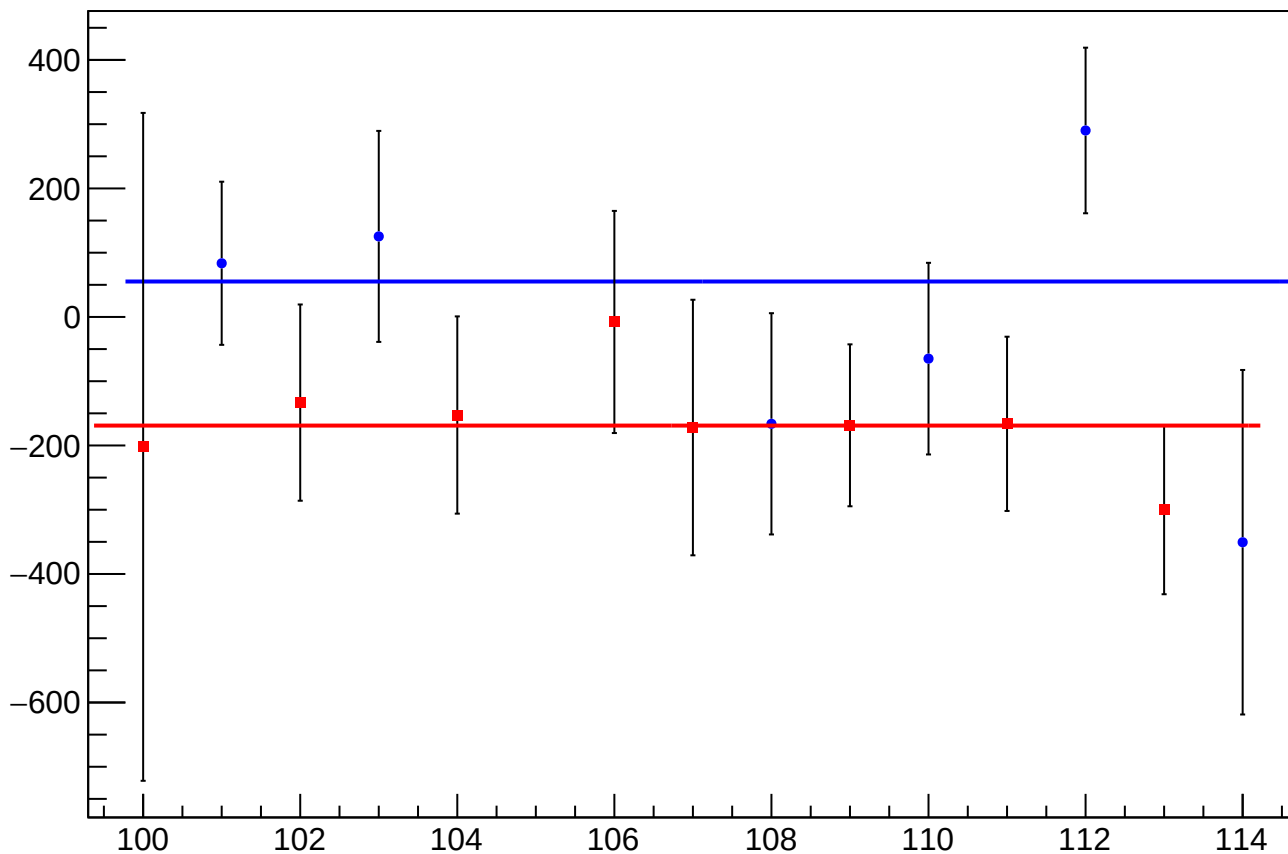
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.173+/-0.286 χ^2/NDF : 118442.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 55.173+/-62.995 χ^2/NDF : 8.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.041+/-55.630 χ^2/NDF : 1.9/7

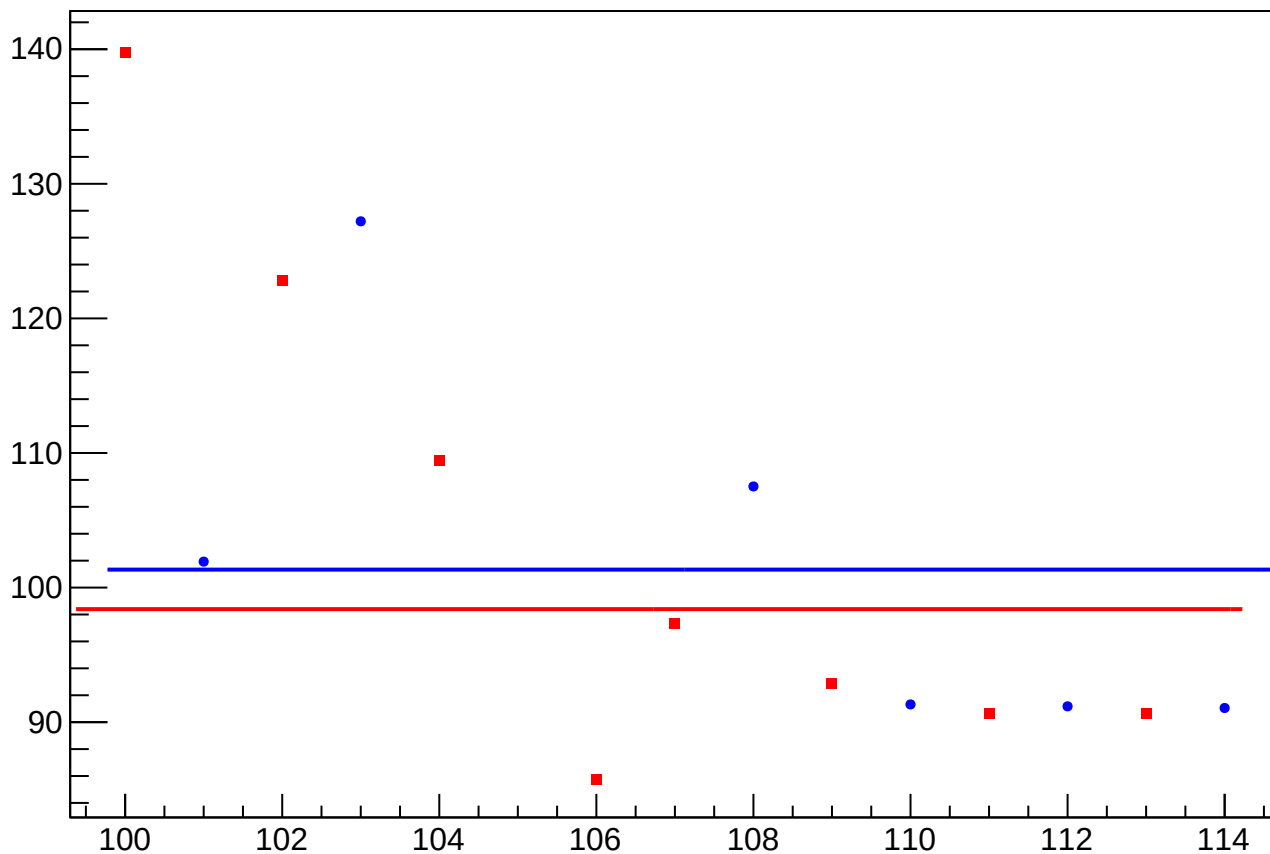
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.801+/-41.699 χ^2/NDF : 17.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 101.335 $\pm$ 0.045 χ^2 /NDF: 76702.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.399 $\pm$ 0.039 χ^2 /NDF: 102249.5/7

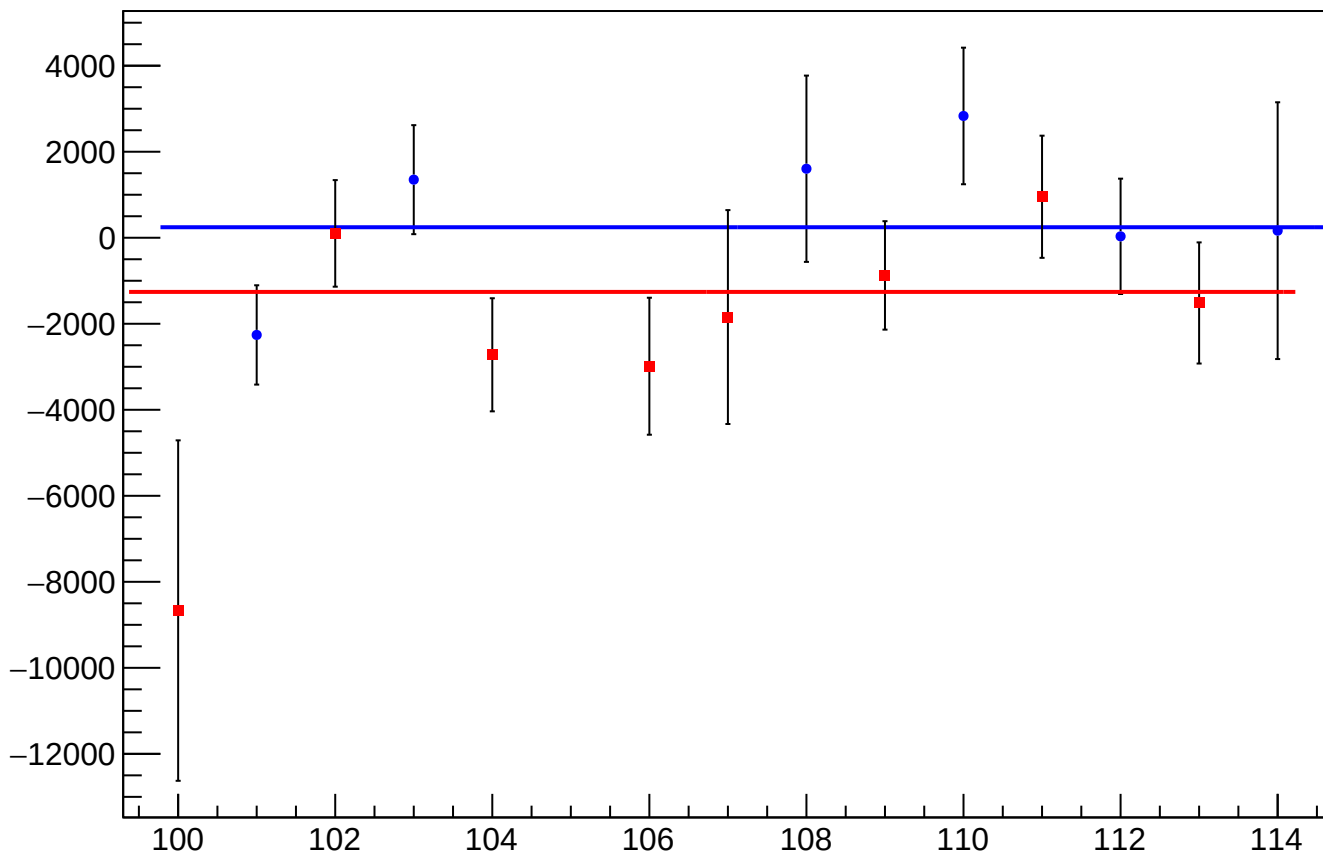
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.685 $\pm$ 0.029 χ^2 /NDF: 181392.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: 244.509+/-614.187 χ^2/NDF : 8.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1259.318+/-536.164 χ^2/NDF : 9.7/7

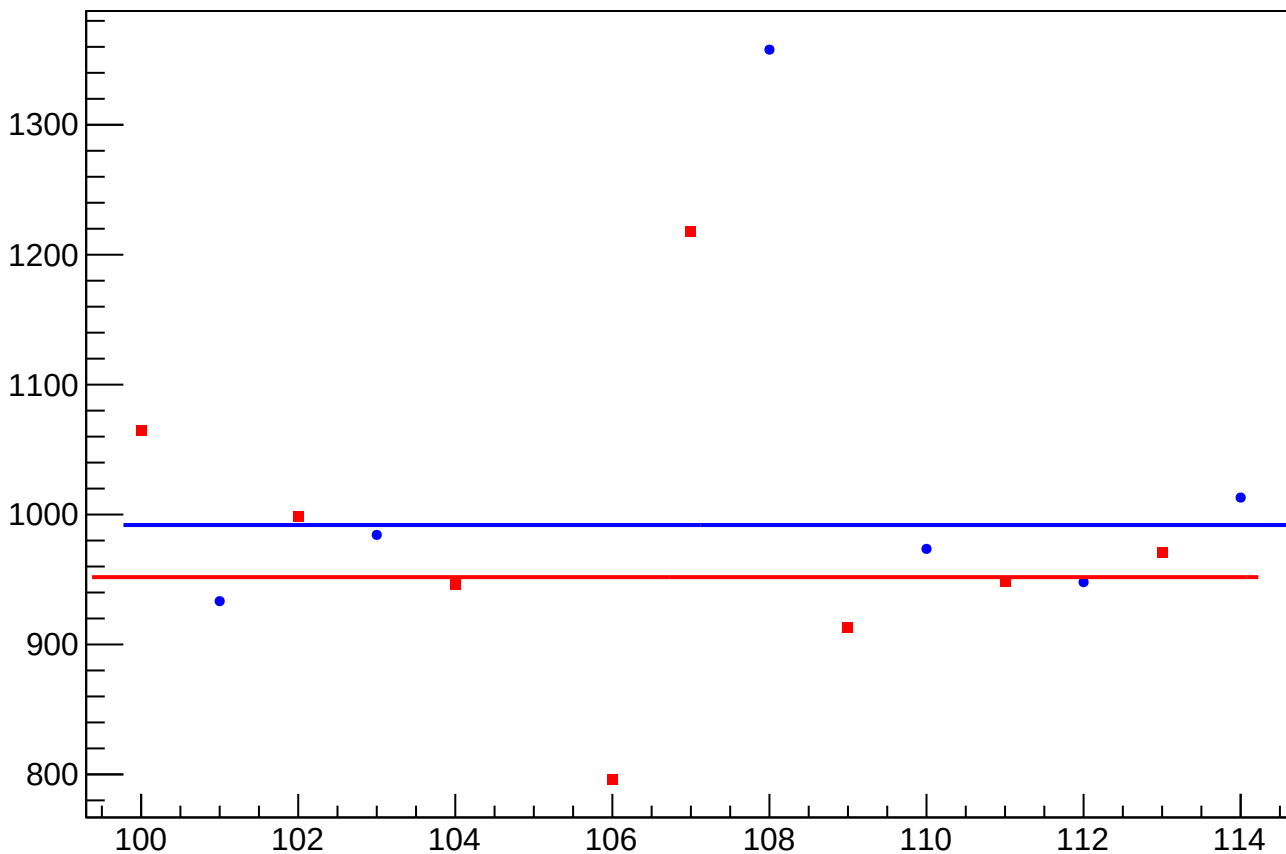
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.935+/-403.912 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



Right In: 991.929 $\pm$ 0.434 χ^2 /NDF: 64821.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 951.832 $\pm$ 0.379 χ^2 /NDF: 48783.3/7

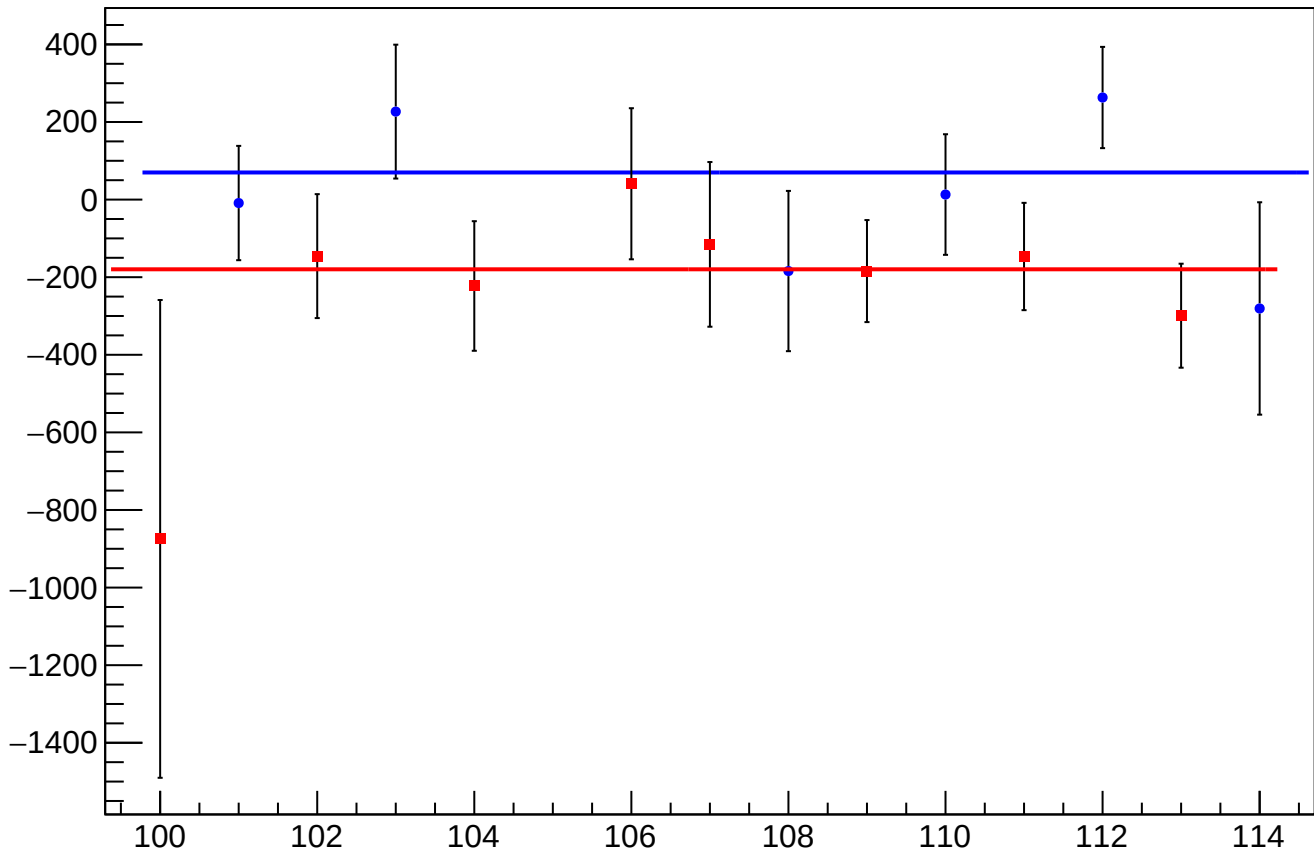
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 969.173 $\pm$ 0.286 χ^2 /NDF: 118442.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 69.903 $\pm$ 67.950 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -179.659 $\pm$ 58.514 χ^2 /NDF: 3.6/7

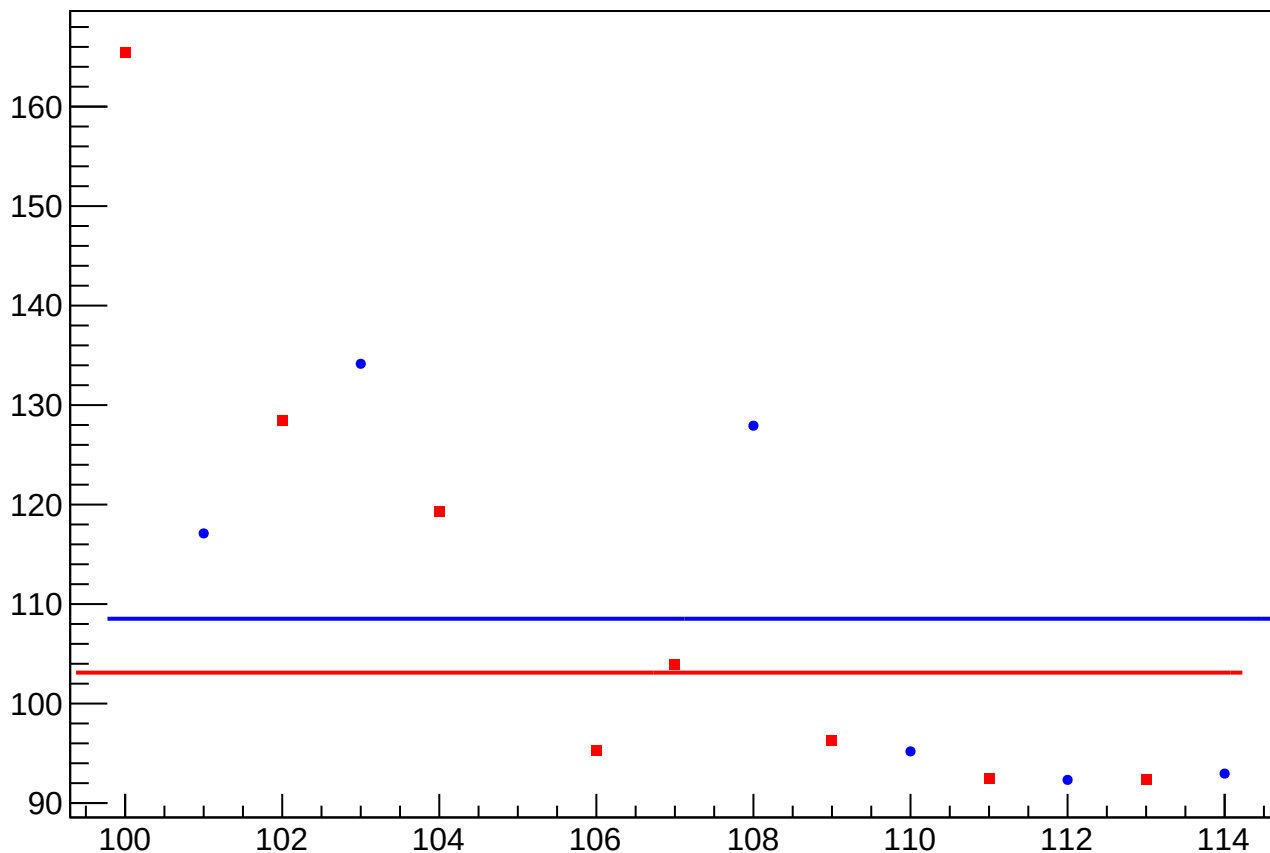
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.396 $\pm$ 44.339 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 108.526 $\pm$ 0.048 χ^2 /NDF: 120538.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.109 $\pm$ 0.041 χ^2 /NDF: 122901.5/7

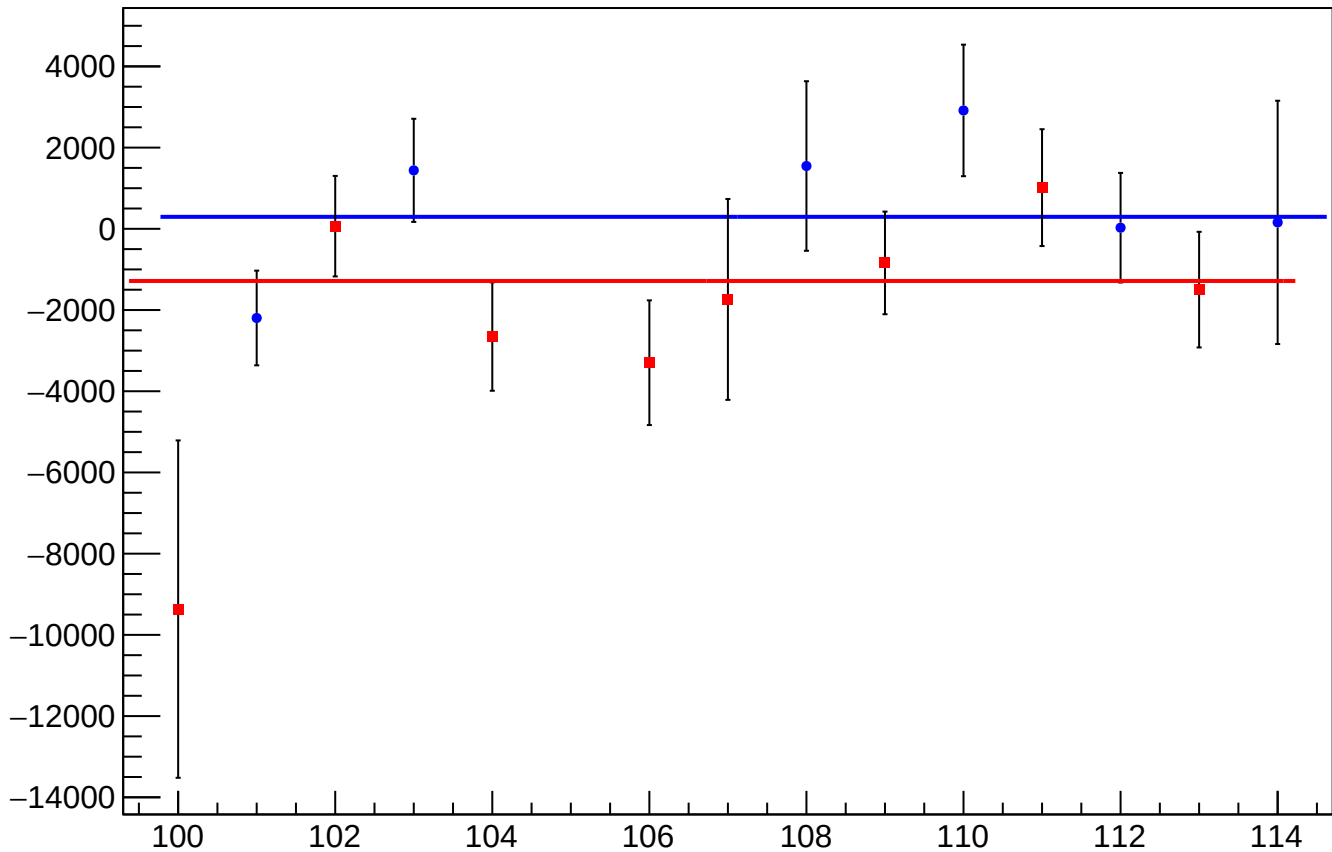
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.416 $\pm$ 0.031 χ^2 /NDF: 250737.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: 295.184 $\pm$ 616.980 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1284.522 $\pm$ 537.406 χ^2 /NDF: 10.5/7

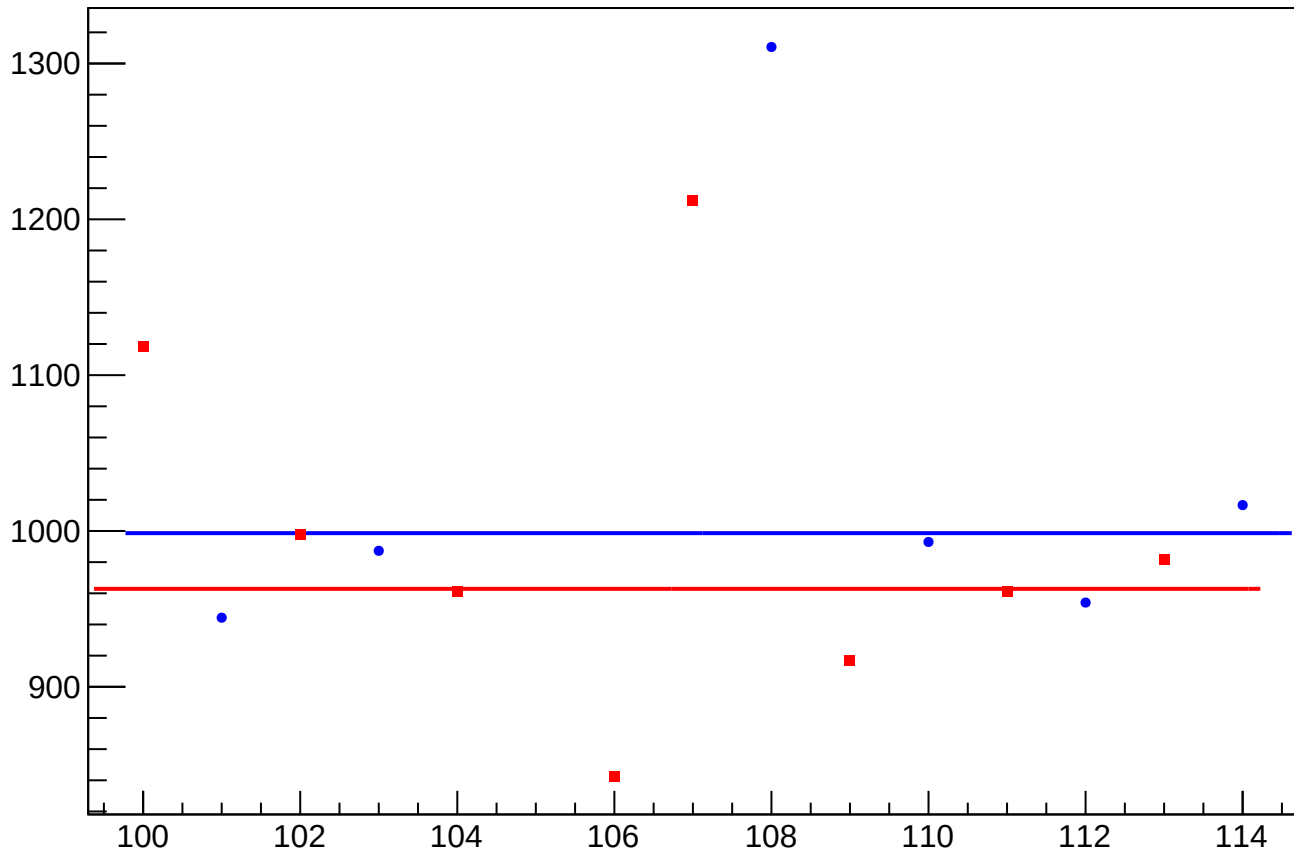
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -603.046 $\pm$ 405.236 χ^2 /NDF: 22.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 998.610 $\pm$ 0.436 χ^2 /NDF: 51425.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.874 $\pm$ 0.380 χ^2 /NDF: 39955.8/7

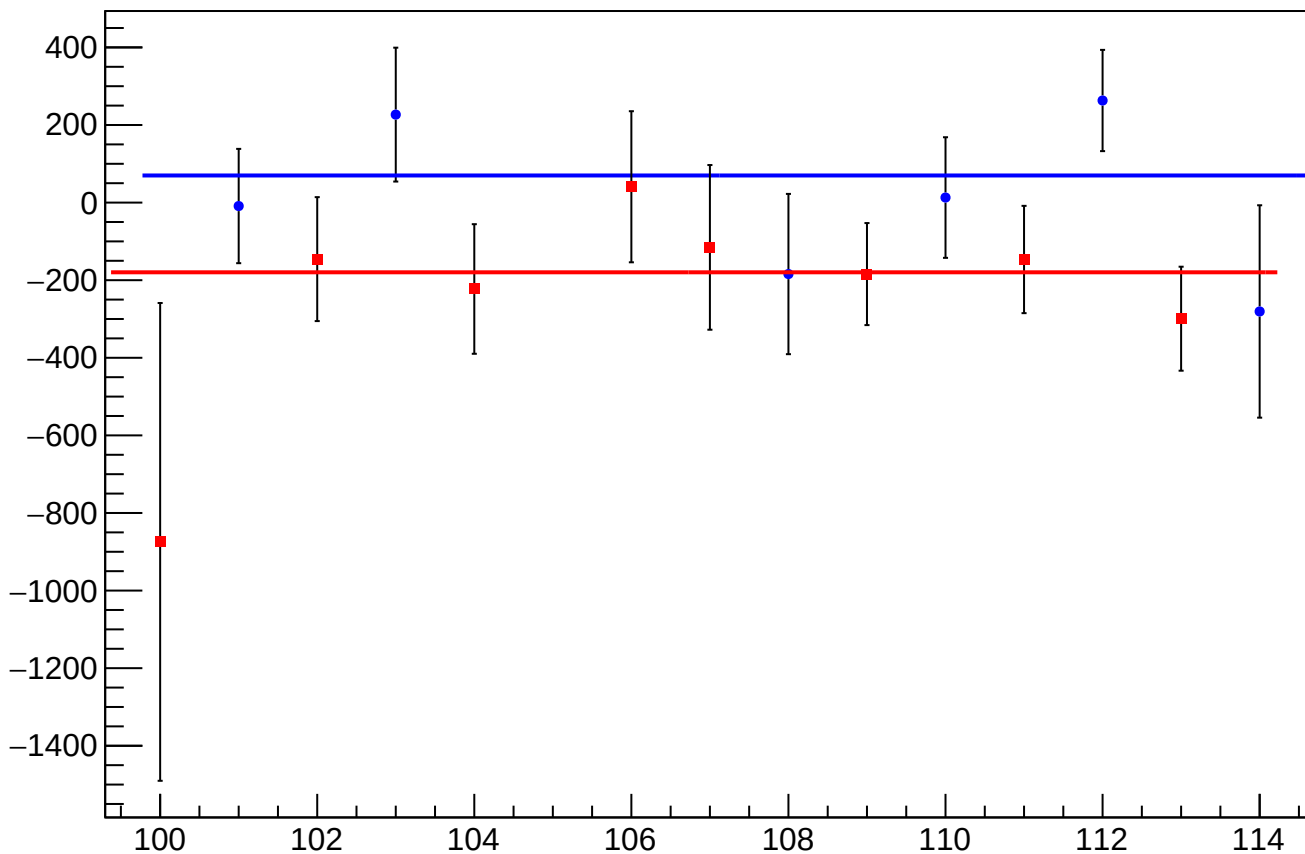
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 978.291 $\pm$ 0.287 χ^2 /NDF: 95196.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_mean vs Slug



Right In: 69.902 $\pm$ 67.950 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -179.659 $\pm$ -58.514 χ^2 /NDF: 3.6/7

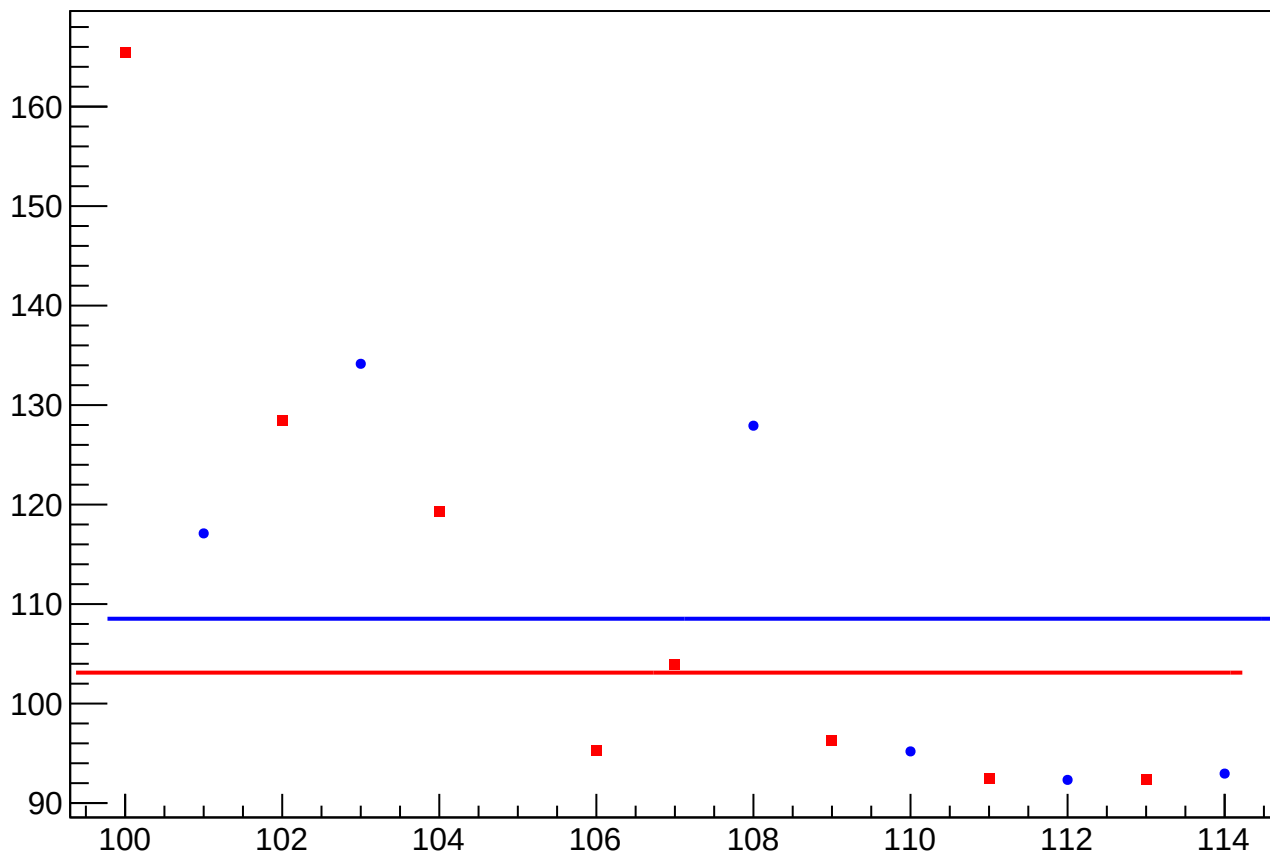
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -73.396 $\pm$ -44.339 χ^2 /NDF: 18.0/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 108.526 $\pm$ 0.048 χ^2 /NDF: 120541.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.109 $\pm$ 0.041 χ^2 /NDF: 122902.3/7

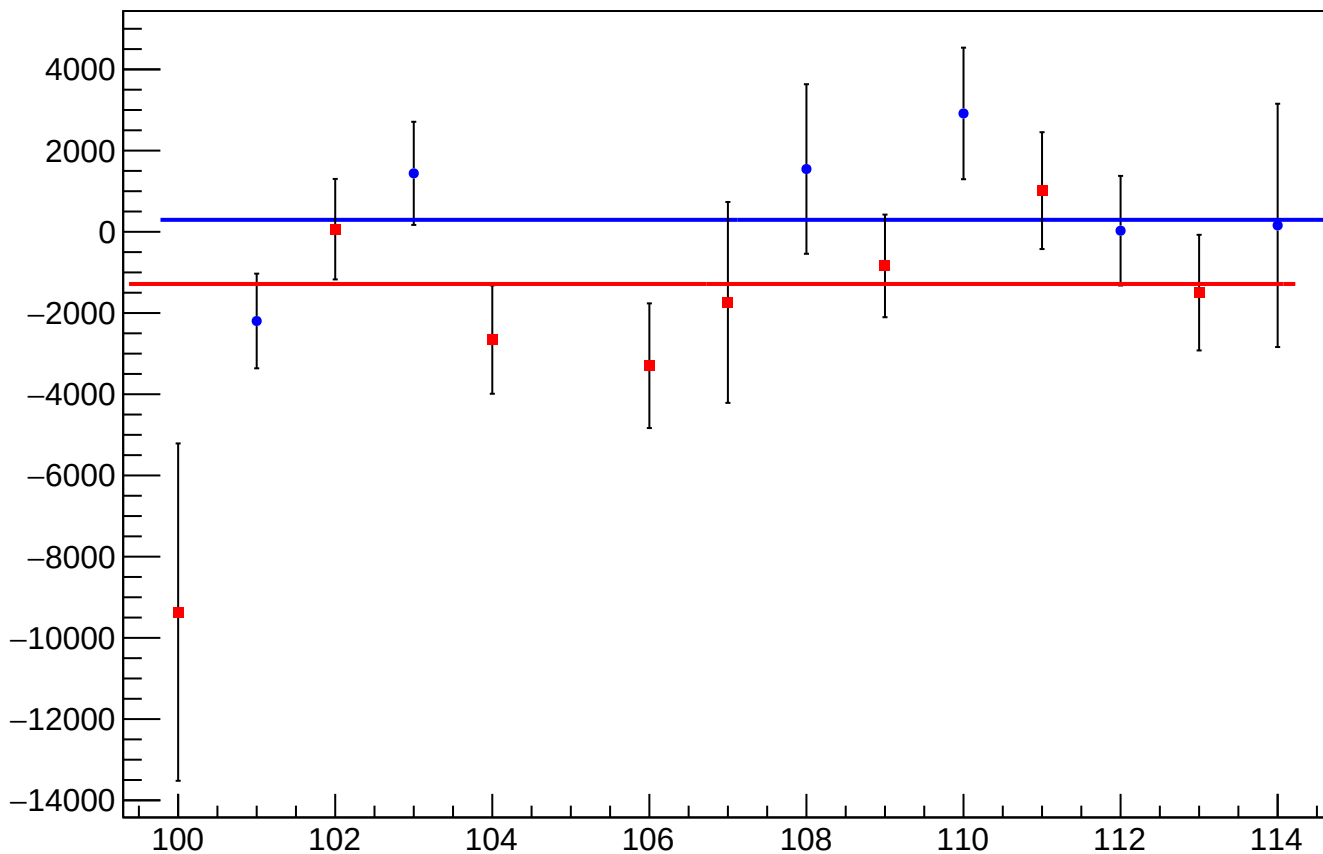
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.416 $\pm$ 0.031 χ^2 /NDF: 250741.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: 295.185+/-616.980 χ^2/NDF : 8.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.521+/-537.406 χ^2/NDF : 10.5/7

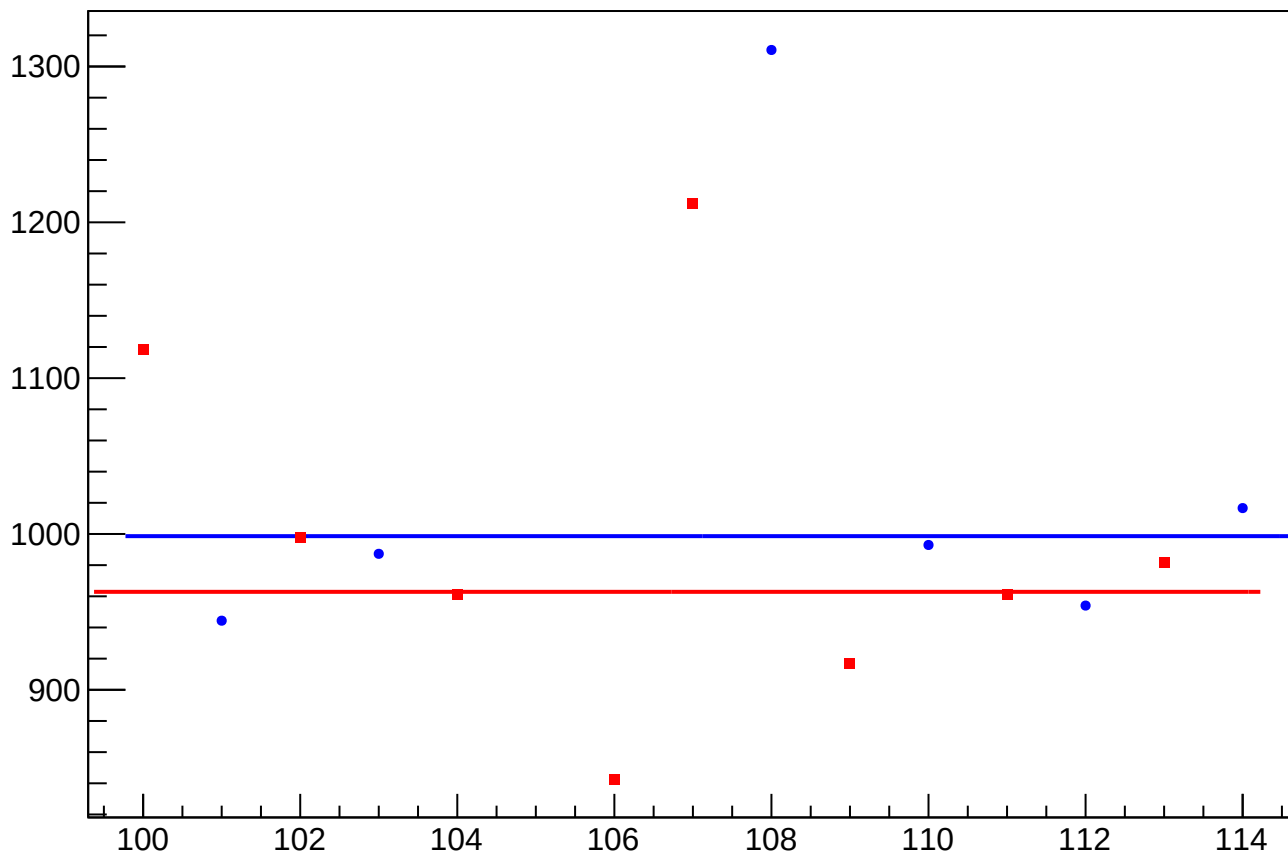
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.045+/-405.236 χ^2/NDF : 22.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 998.610 $\pm$ 0.436 χ^2 /NDF: 51425.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.874 $\pm$ 0.380 χ^2 /NDF: 39956.3/7

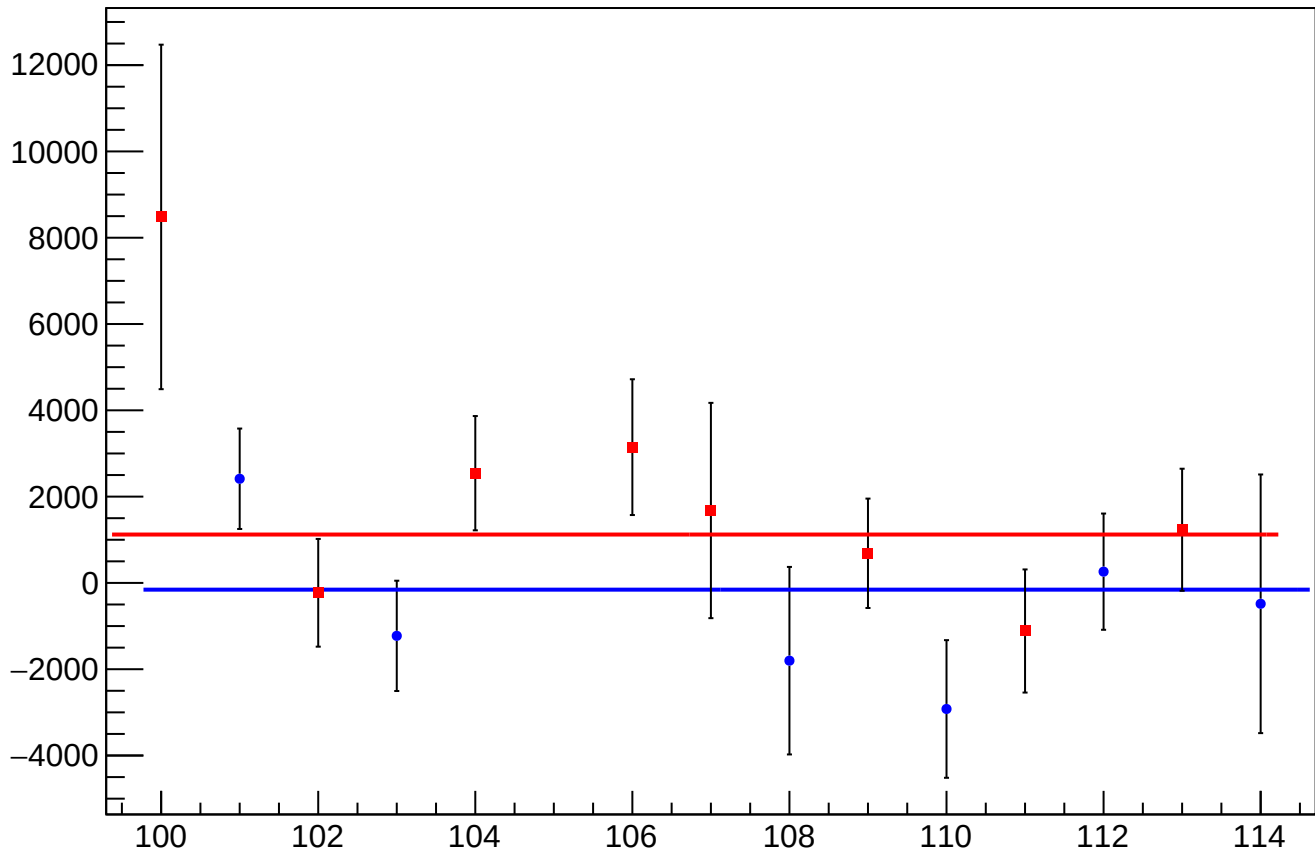
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 978.291 $\pm$ 0.287 χ^2 /NDF: 95196.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: -156.180+/-618.018 χ^2/NDF : 9.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.275+/-538.164 χ^2/NDF : 10.0/7

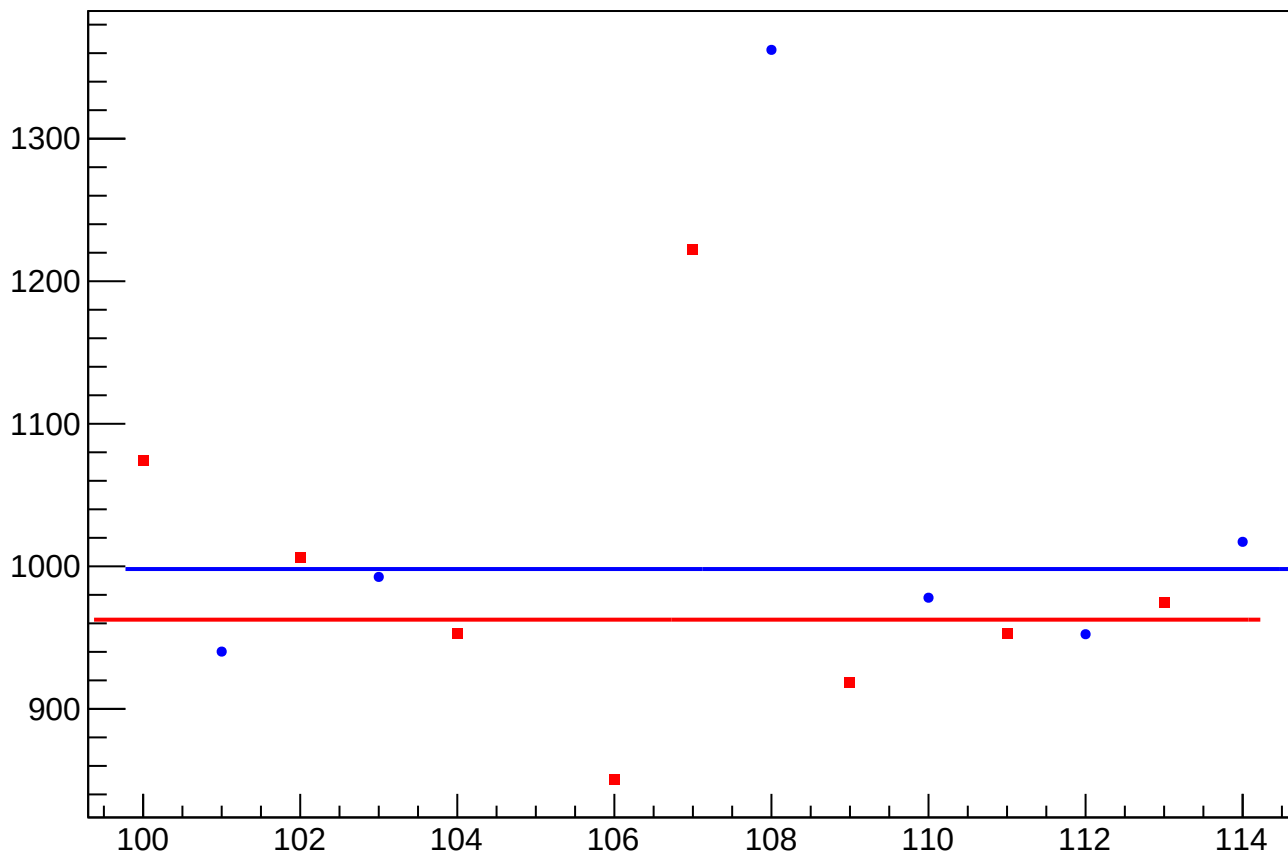
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.359+/-405.855 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 998.108+/-0.437 χ^2/NDF : 63879.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.596+/-0.381 χ^2/NDF : 38498.3/7

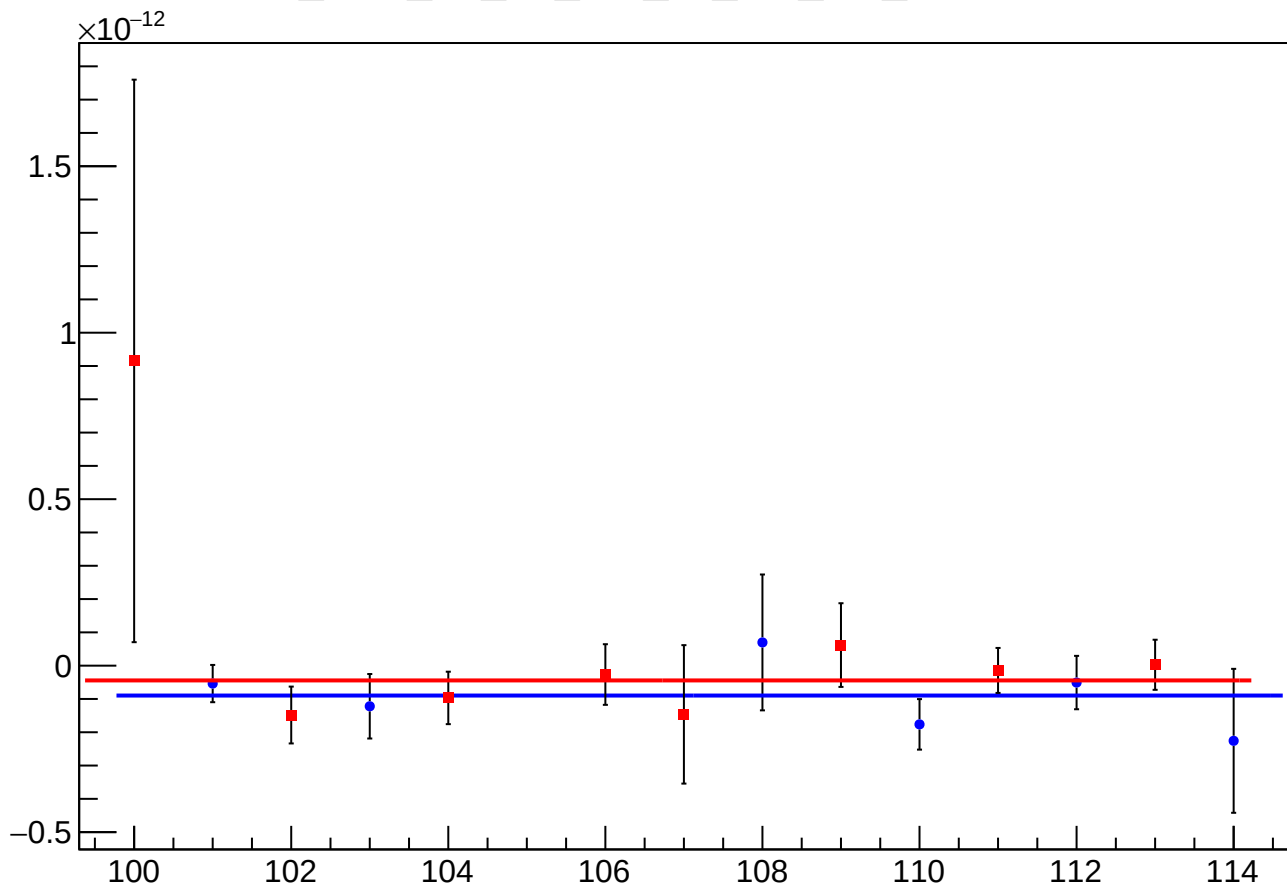
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.911+/-0.287 χ^2/NDF : 106133.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.8/7

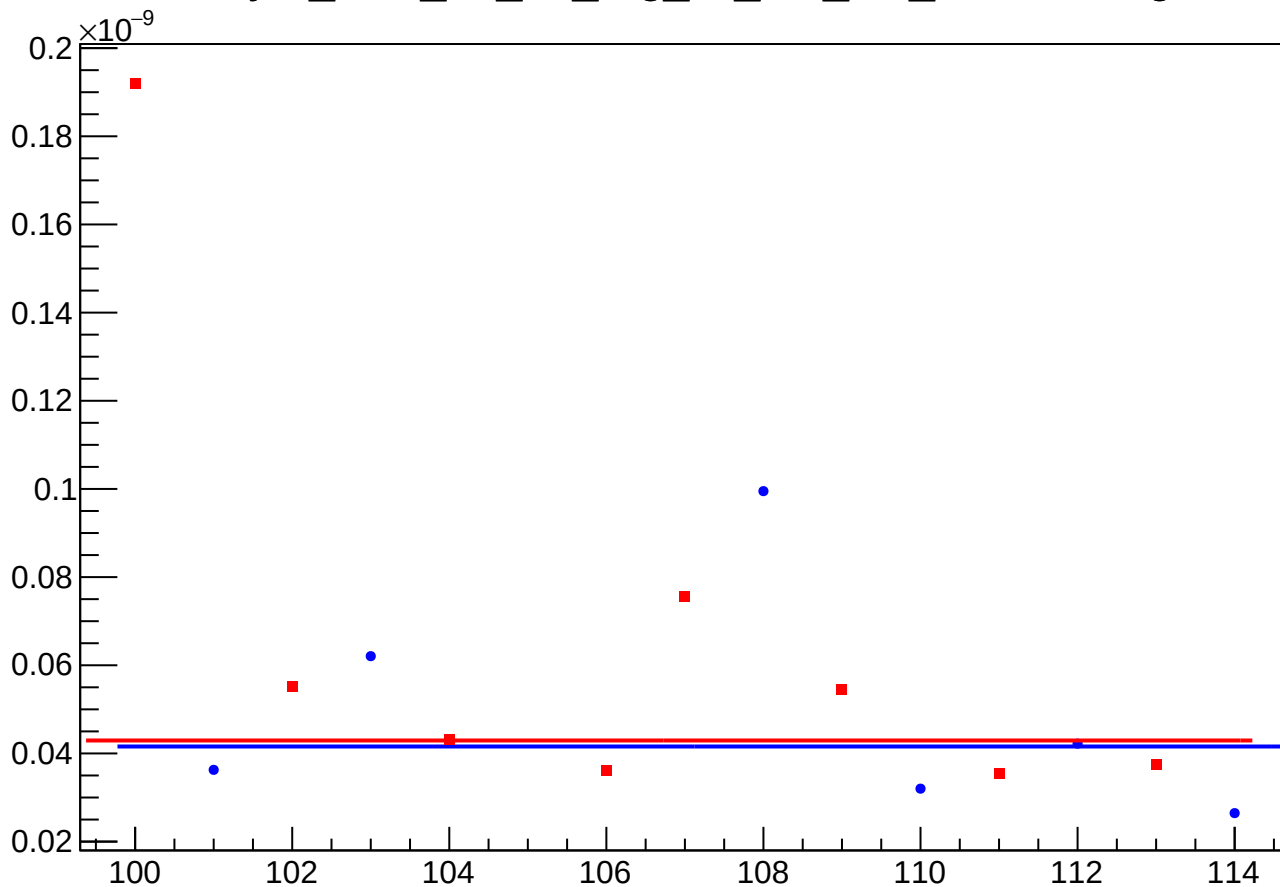
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.7/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 310350.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 216210.8/7

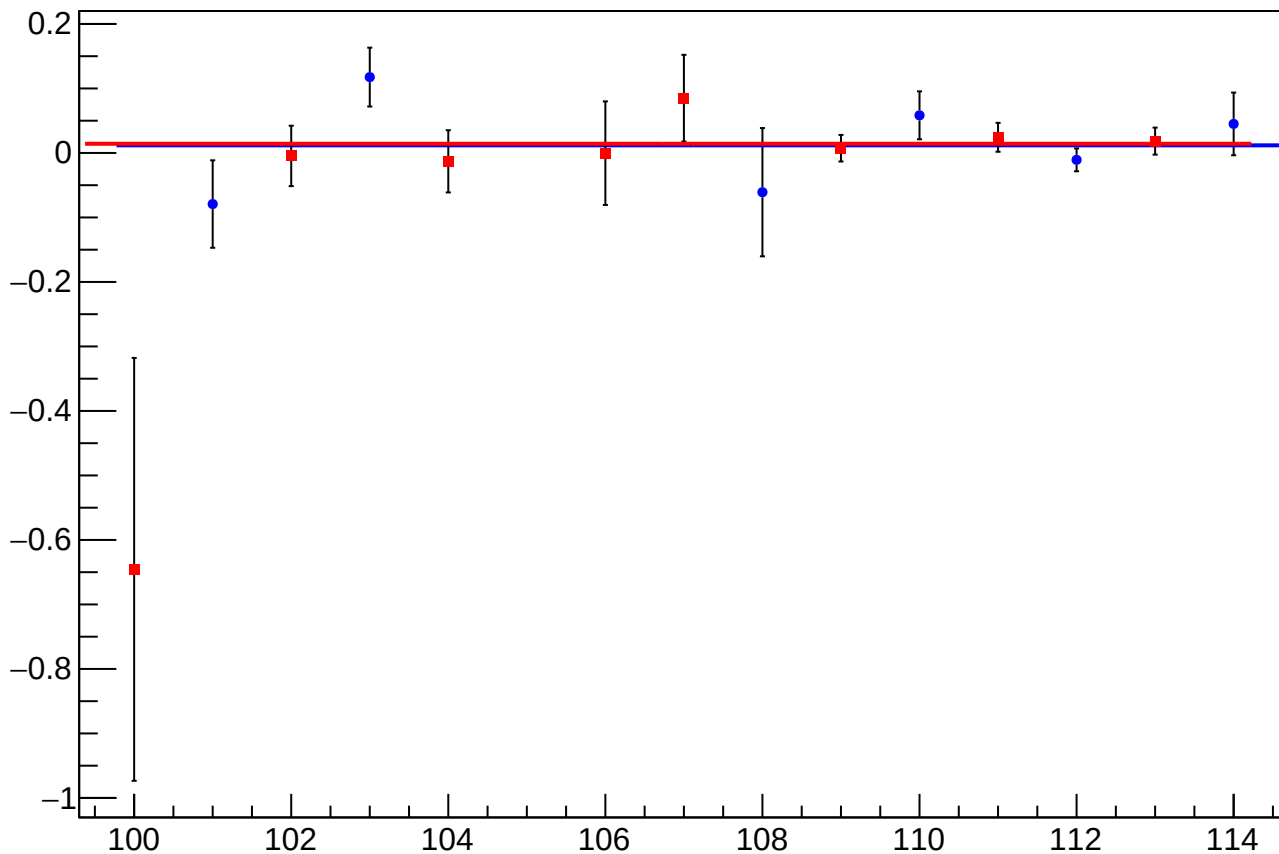
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 528139.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.011 χ^2 /NDF: 6.0/7

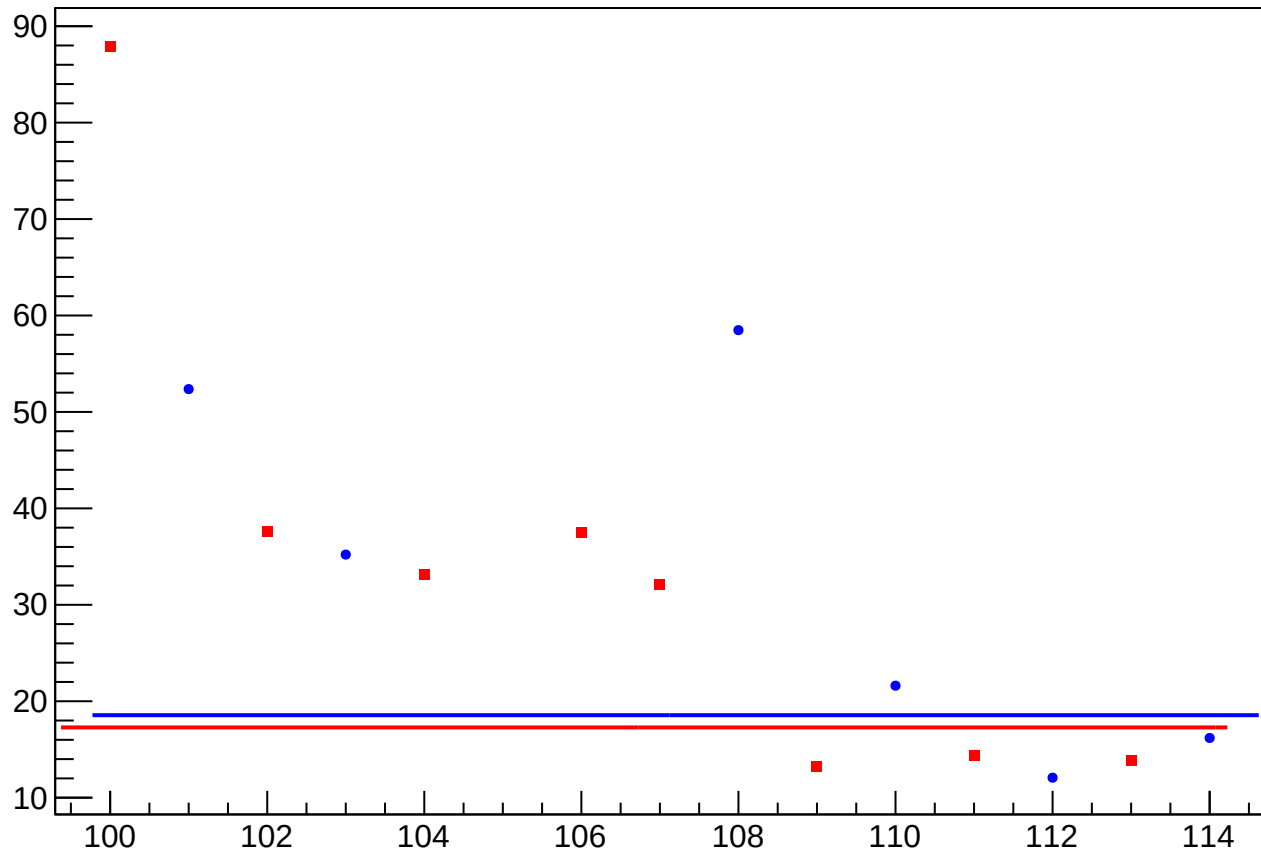
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.009 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 18.554 $\pm$ 0.010 χ^2 /NDF: 1371953.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.285 $\pm$ 0.008 χ^2 /NDF: 1074518.3/7

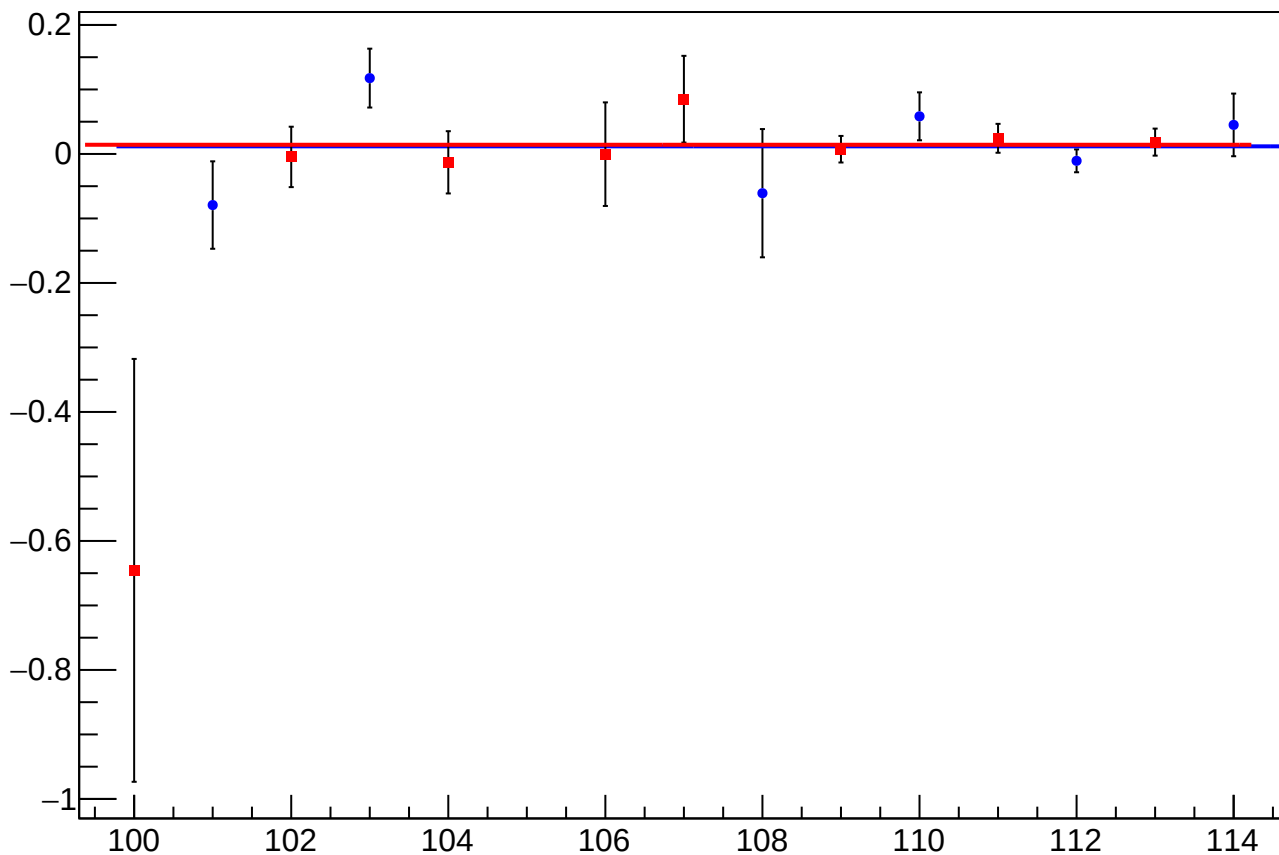
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.785 $\pm$ 0.006 χ^2 /NDF: 2456489.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.011 χ^2 /NDF: 6.0/7

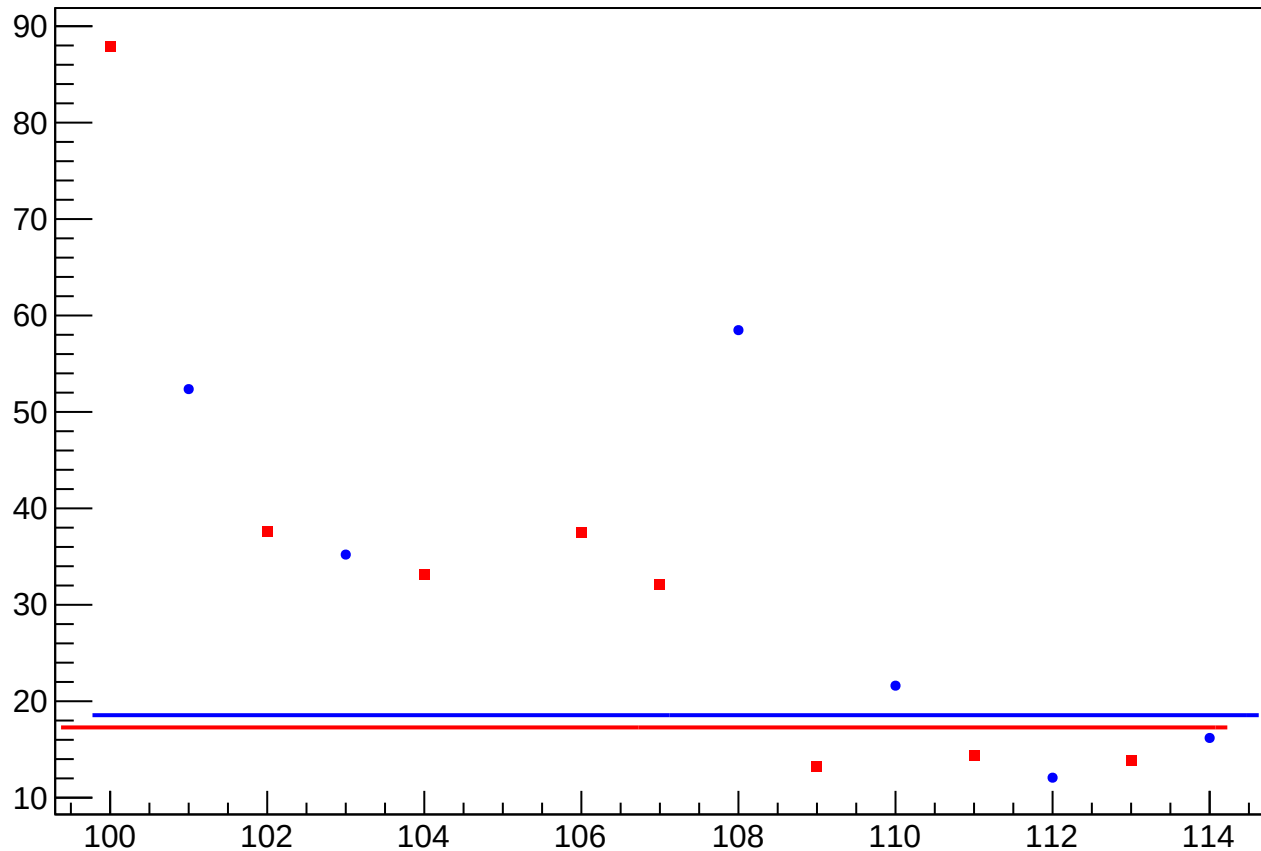
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.009 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.554+/-0.010 χ^2/NDF : 1371953.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.285+/-0.008 χ^2/NDF : 1074518.3/7

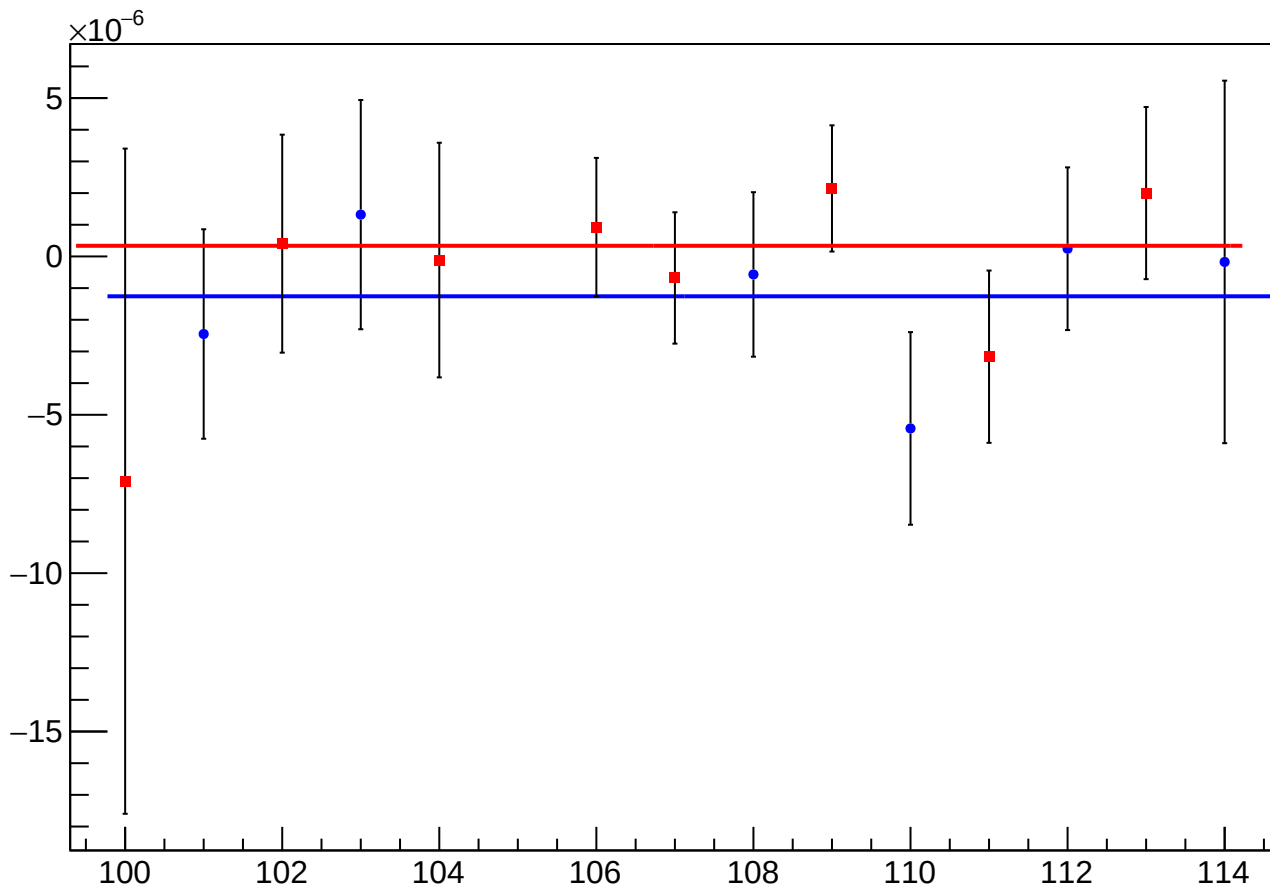
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.785+/-0.006 χ^2/NDF : 2456489.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.7/7

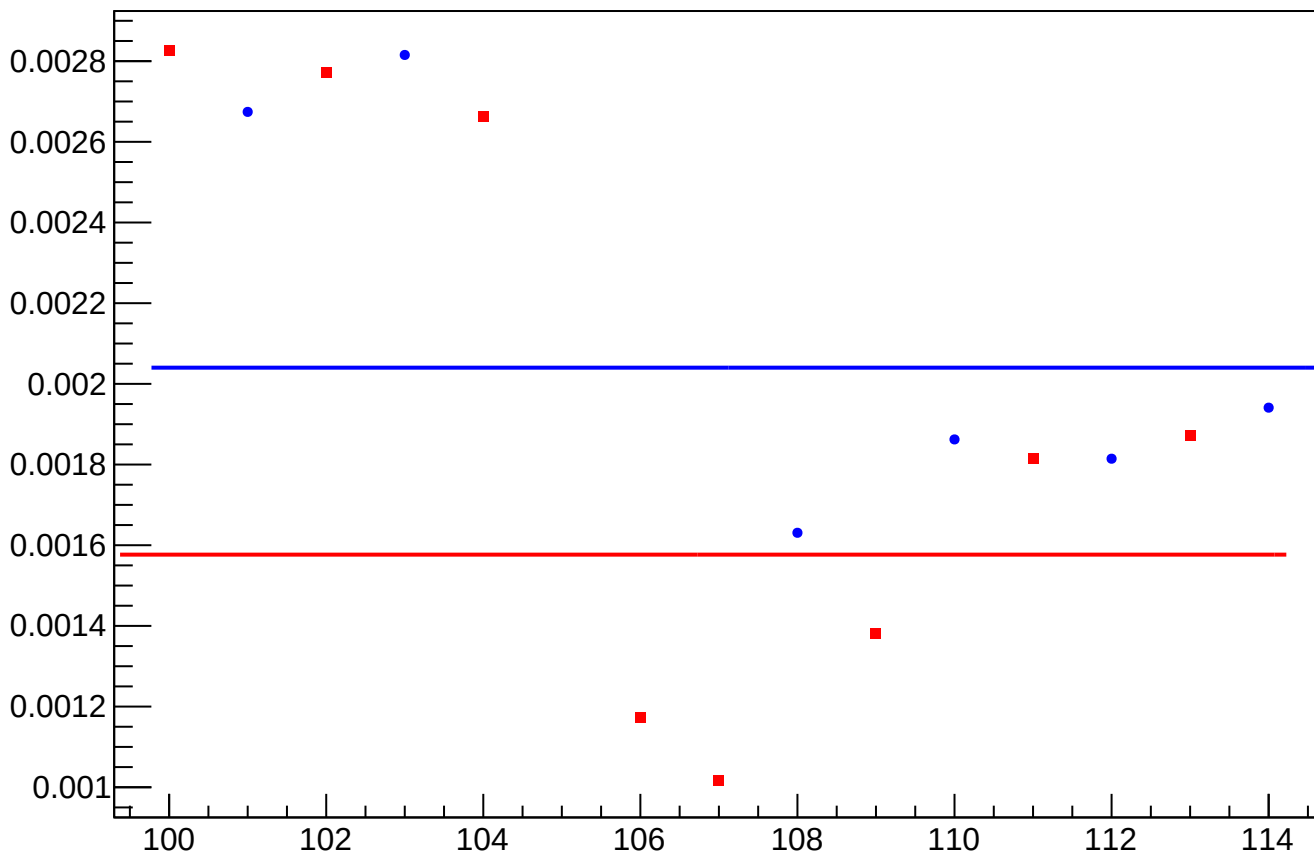
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.7/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 237879.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 713205.7/7

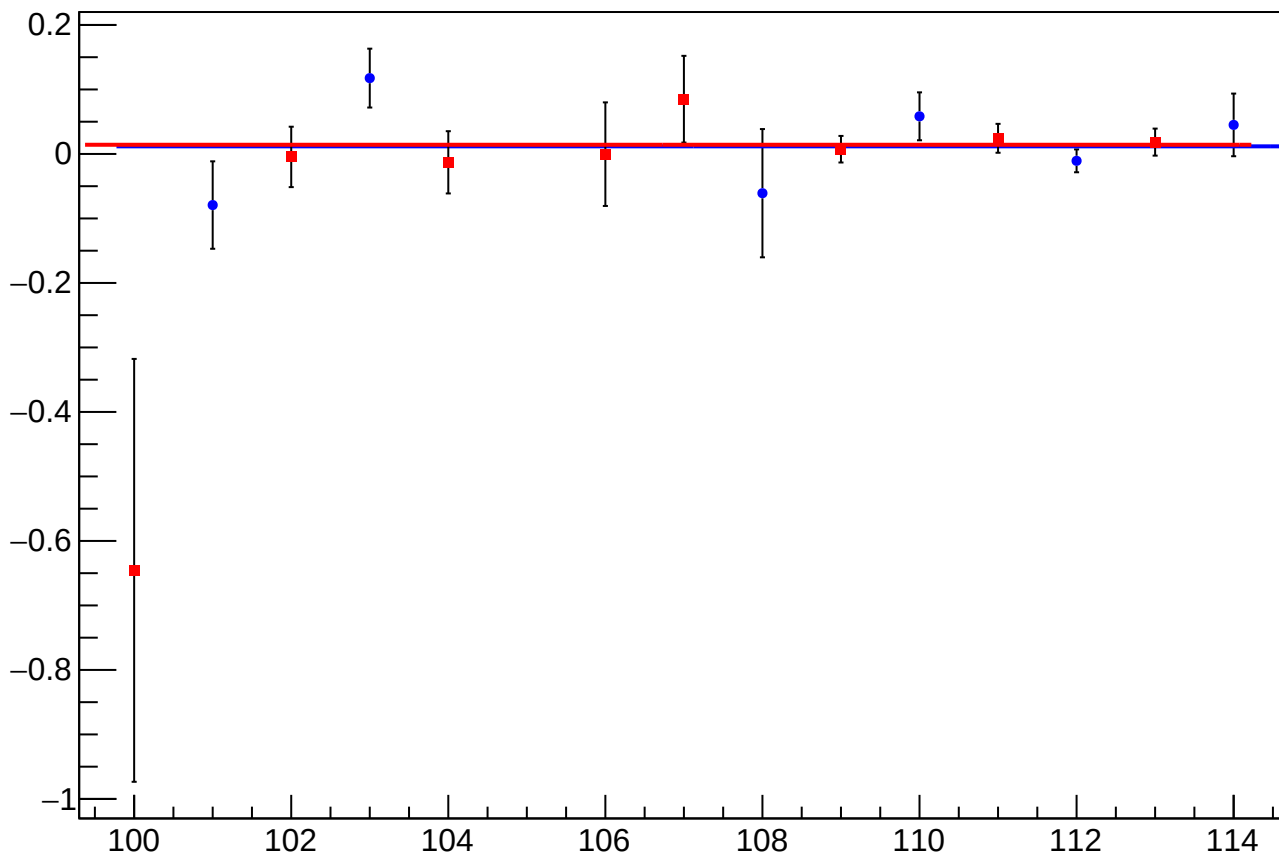
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1120664.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.011 χ^2 /NDF: 6.0/7

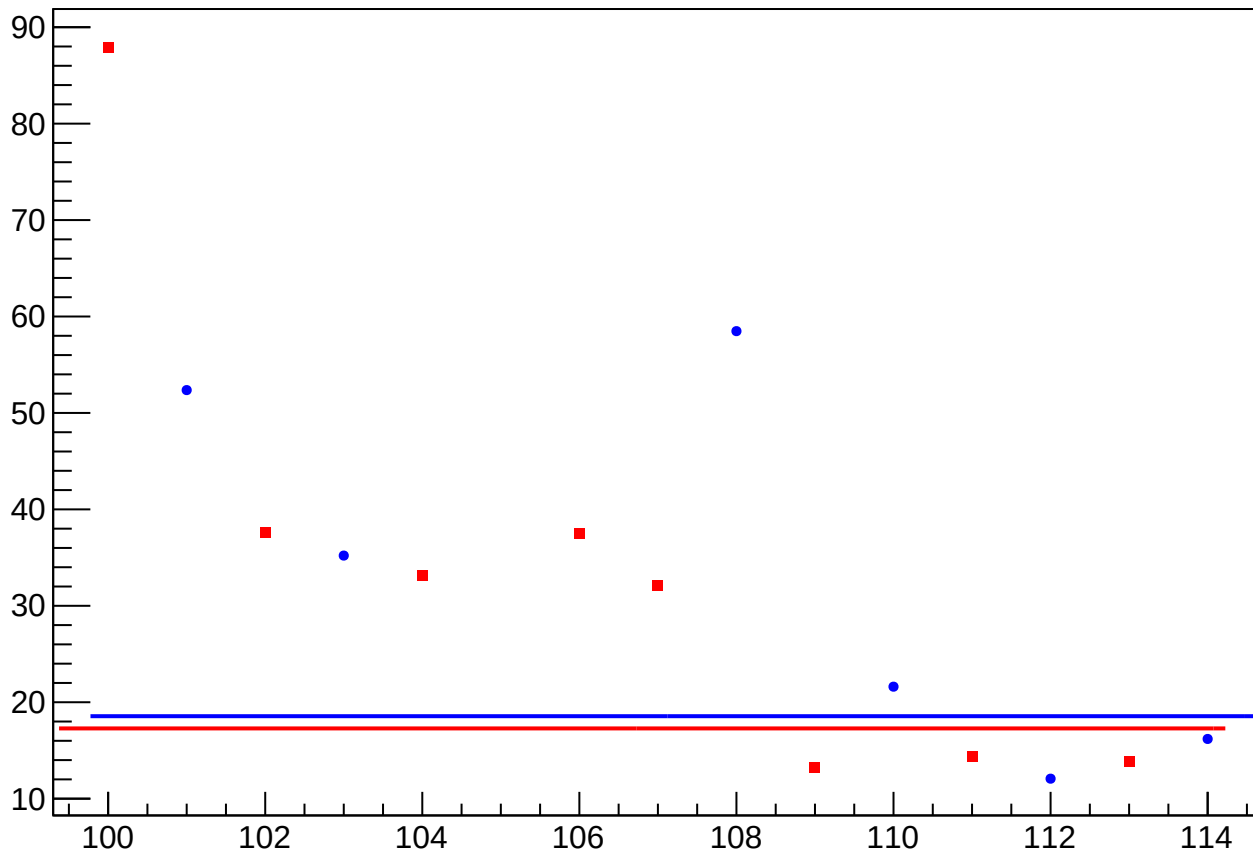
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.009 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 18.553 ± 0.010 χ^2/NDF : 1372082.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.285 ± 0.008 χ^2/NDF : 1074514.0/7

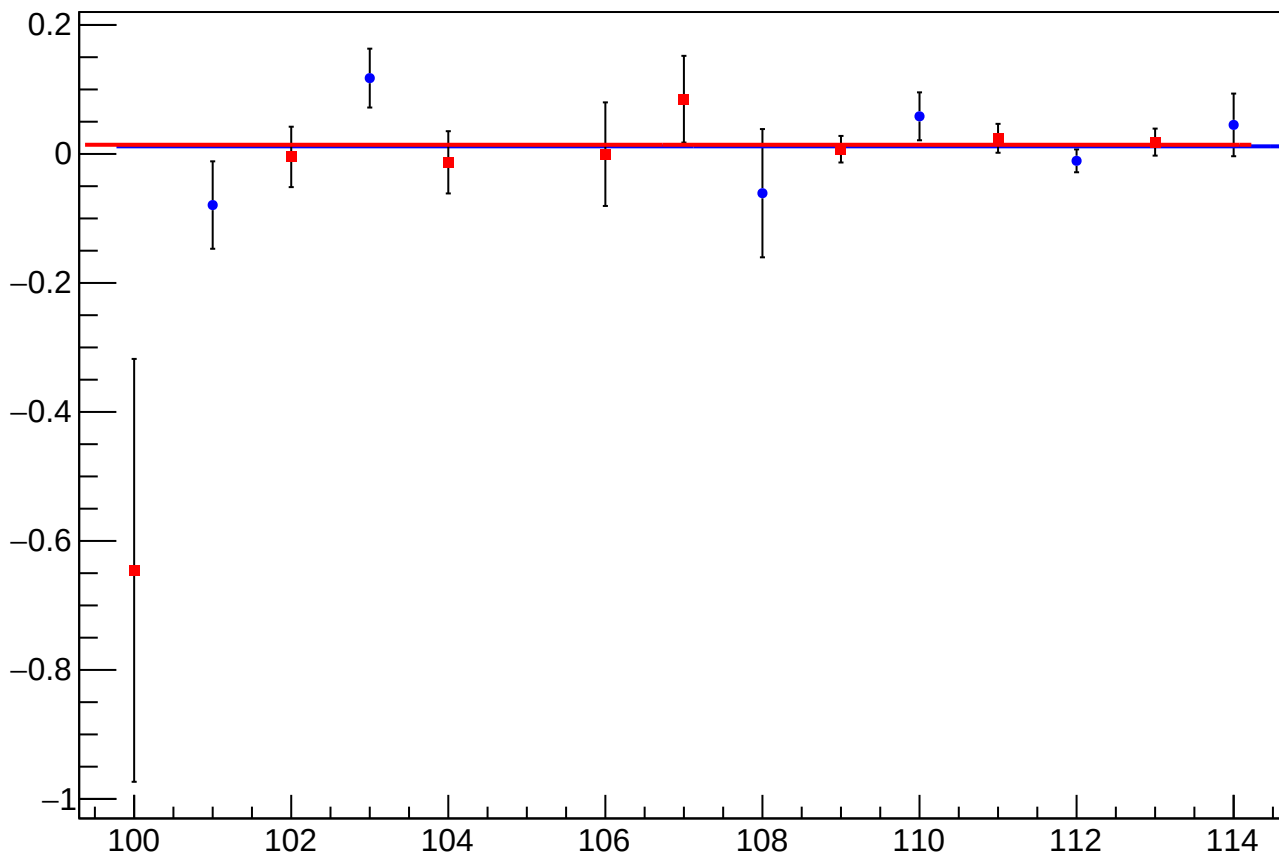
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 17.784 ± 0.006 χ^2/NDF : 2456596.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.011 χ^2 /NDF: 6.0/7

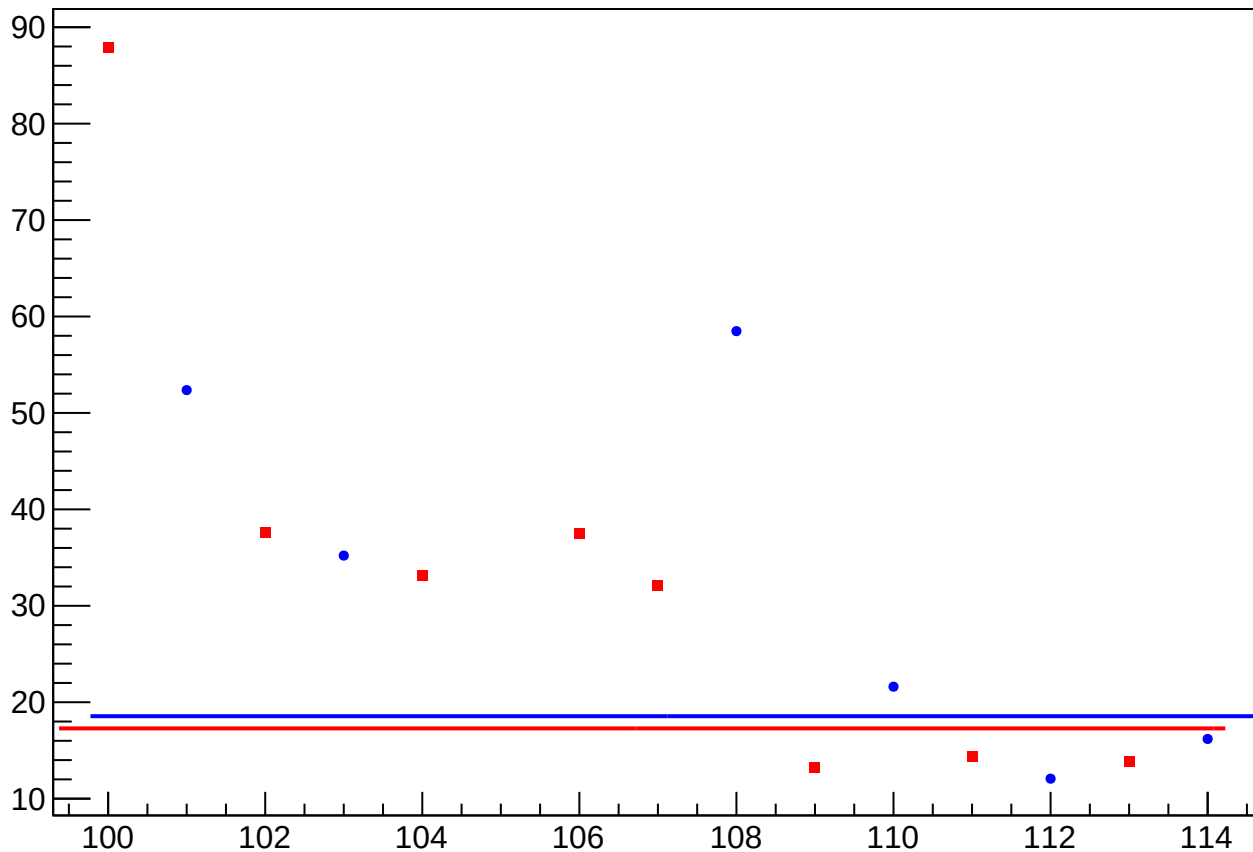
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.009 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.553+/-0.010 χ^2/NDF : 1372082.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.285+/-0.008 χ^2/NDF : 1074514.0/7

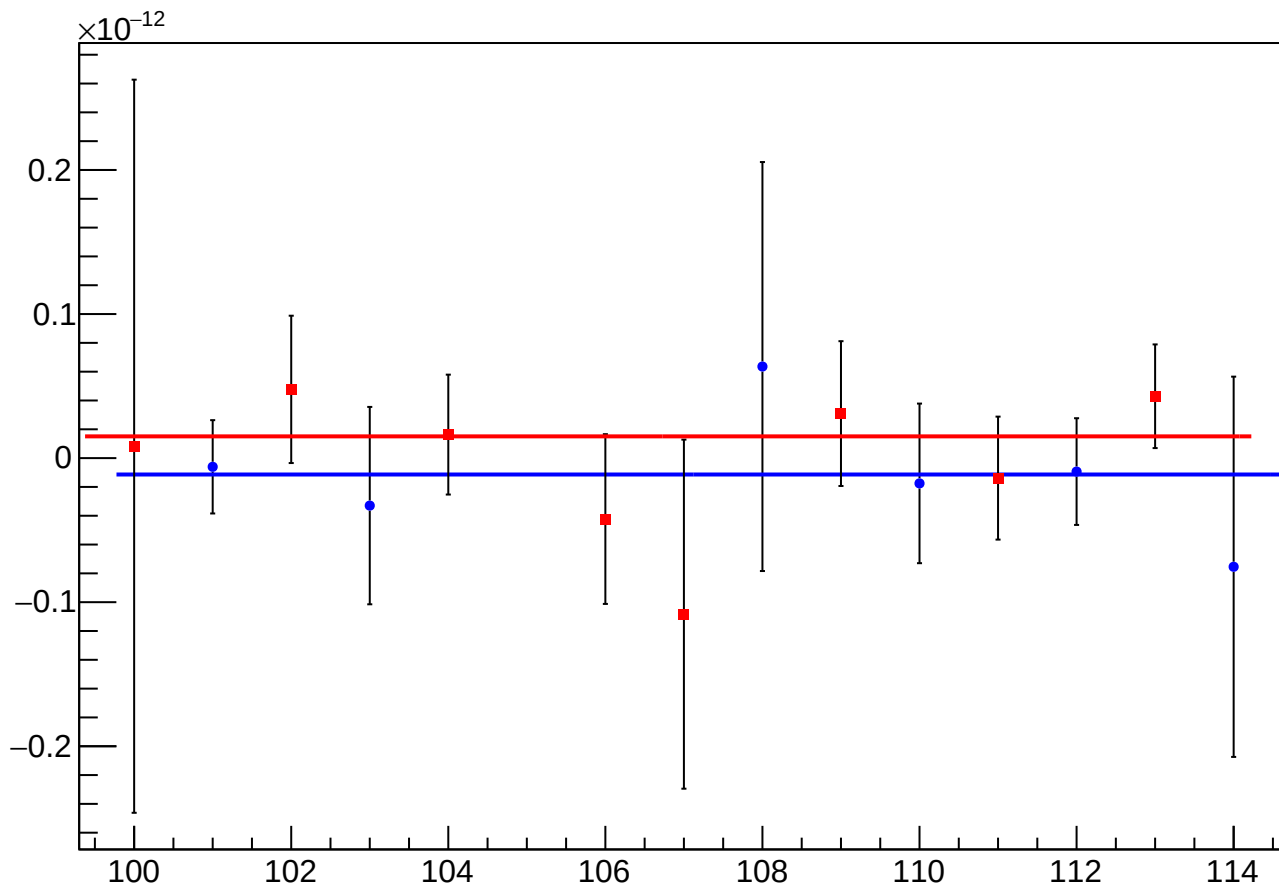
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.784+/-0.006 χ^2/NDF : 2456596.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/7

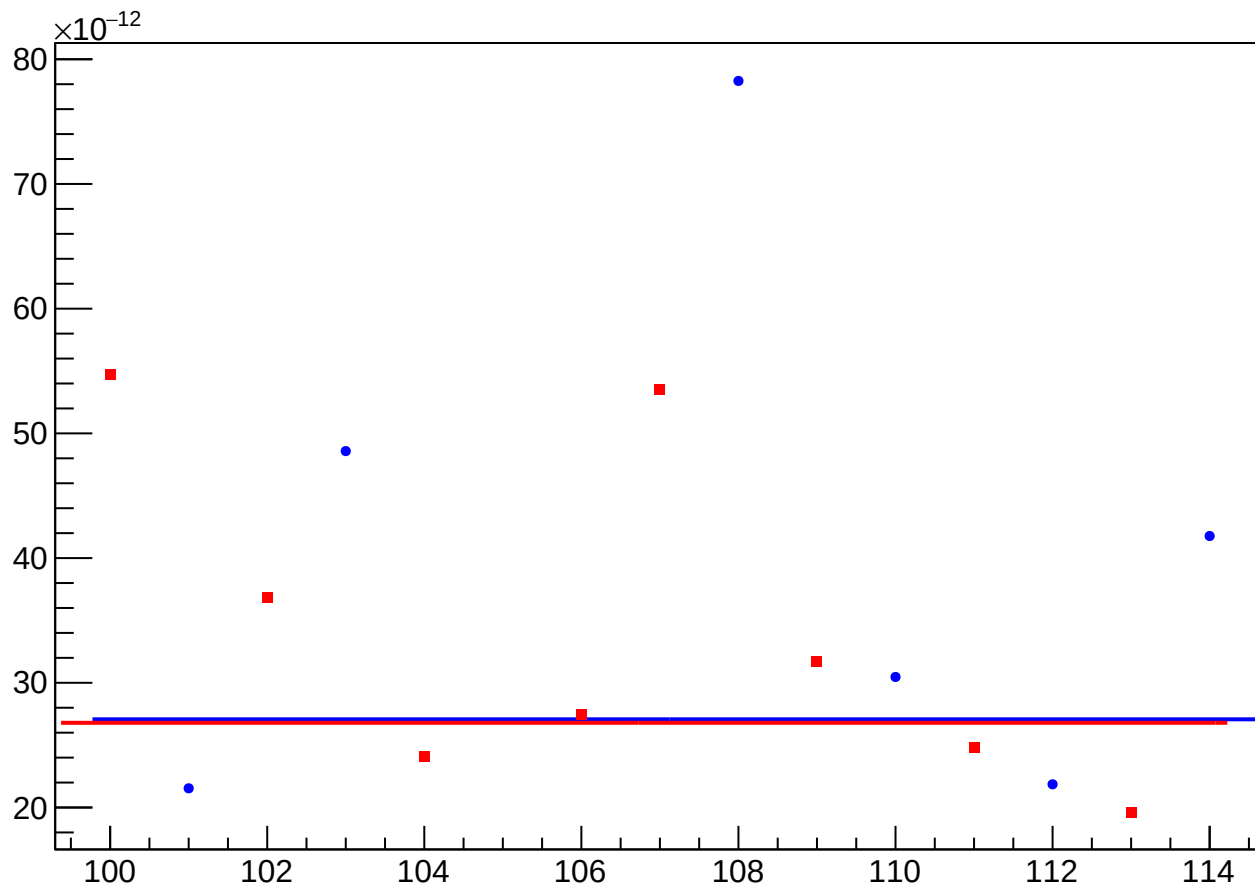
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 587564.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 310796.9/7

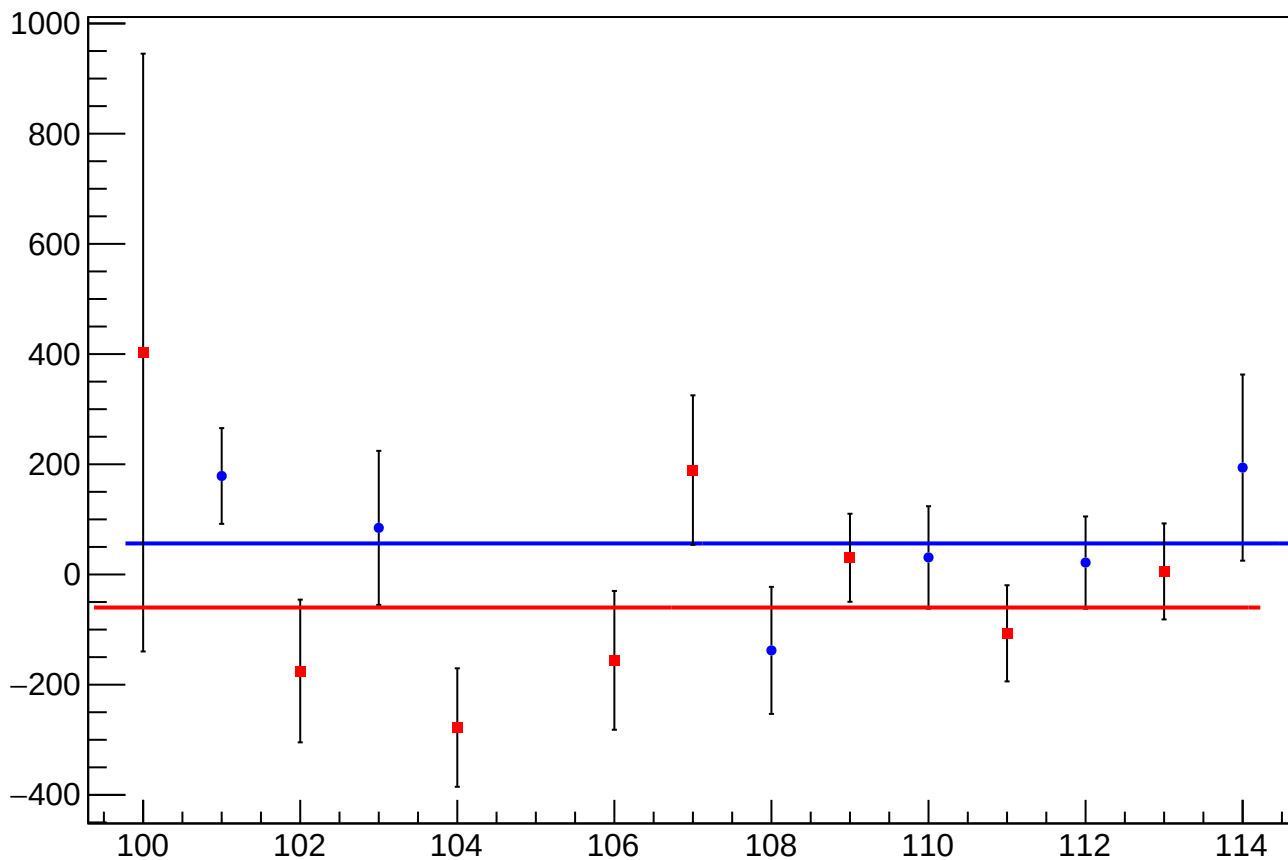
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 898569.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 56.343+/-42.539 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.941+/-38.161 χ^2/NDF : 11.7/7

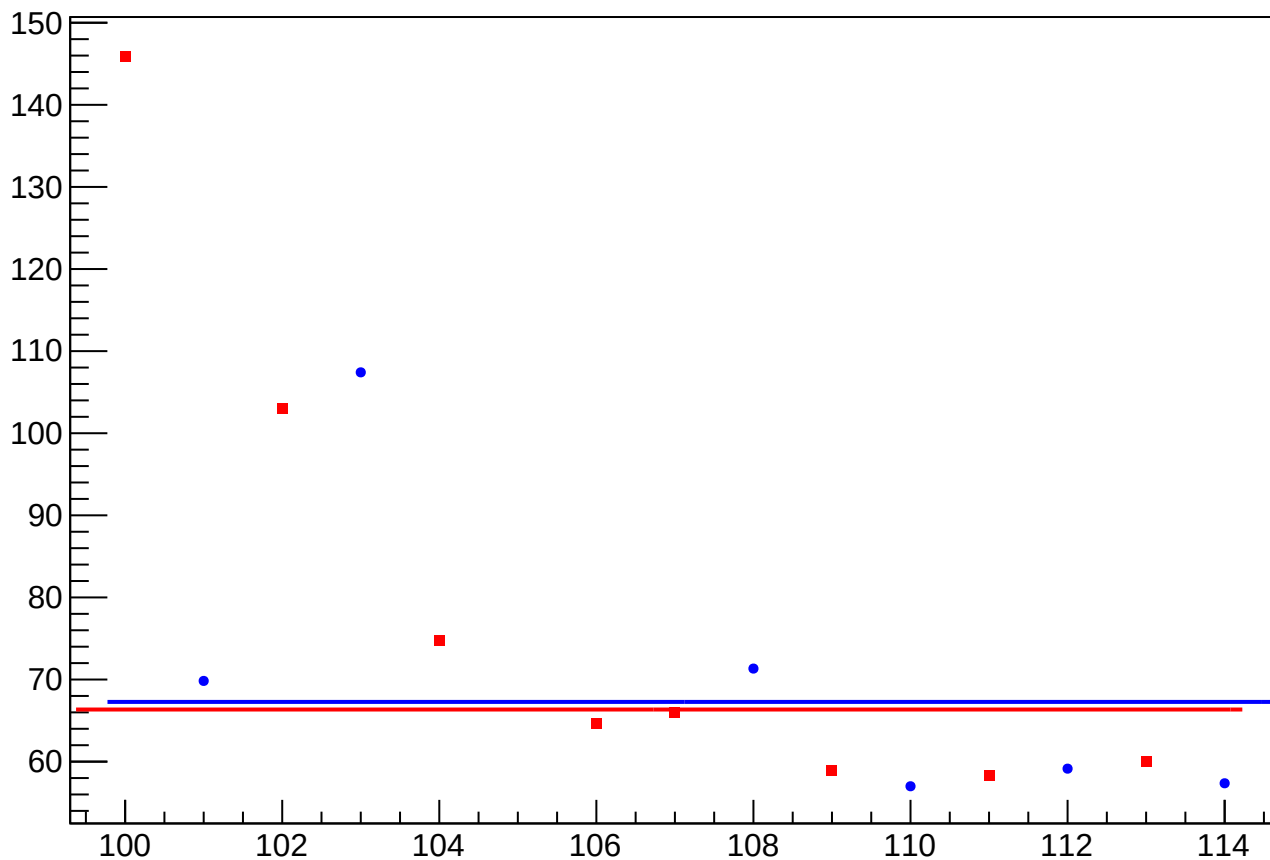
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.089+/-28.406 χ^2/NDF : 21.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 67.274+/-0.030 χ^2/NDF : 219351.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.347+/-0.027 χ^2/NDF : 261138.2/7

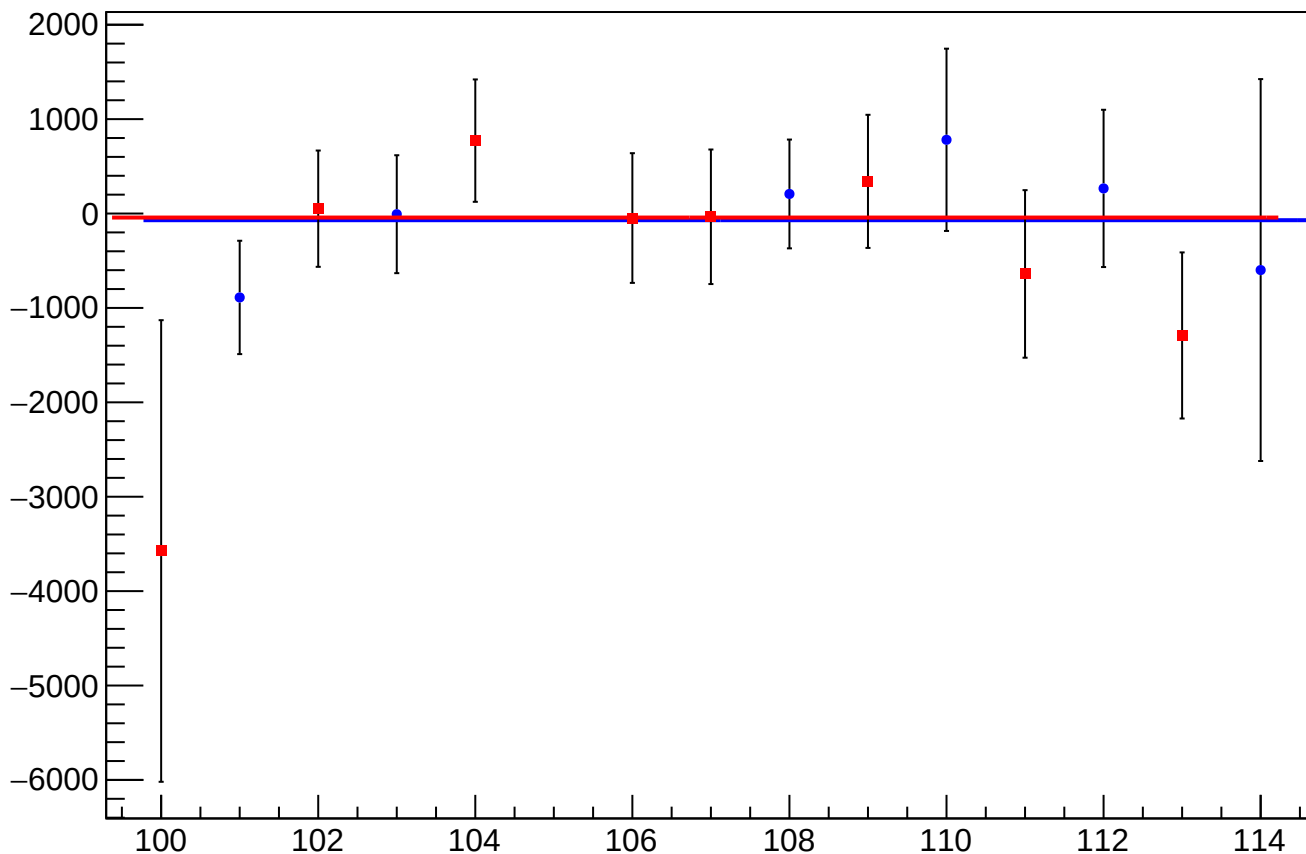
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.760+/-0.020 χ^2/NDF : 481016.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



Right In: -70.638 $\pm$ 300.060 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -42.532 $\pm$ 268.759 χ^2 /NDF: 6.5/7

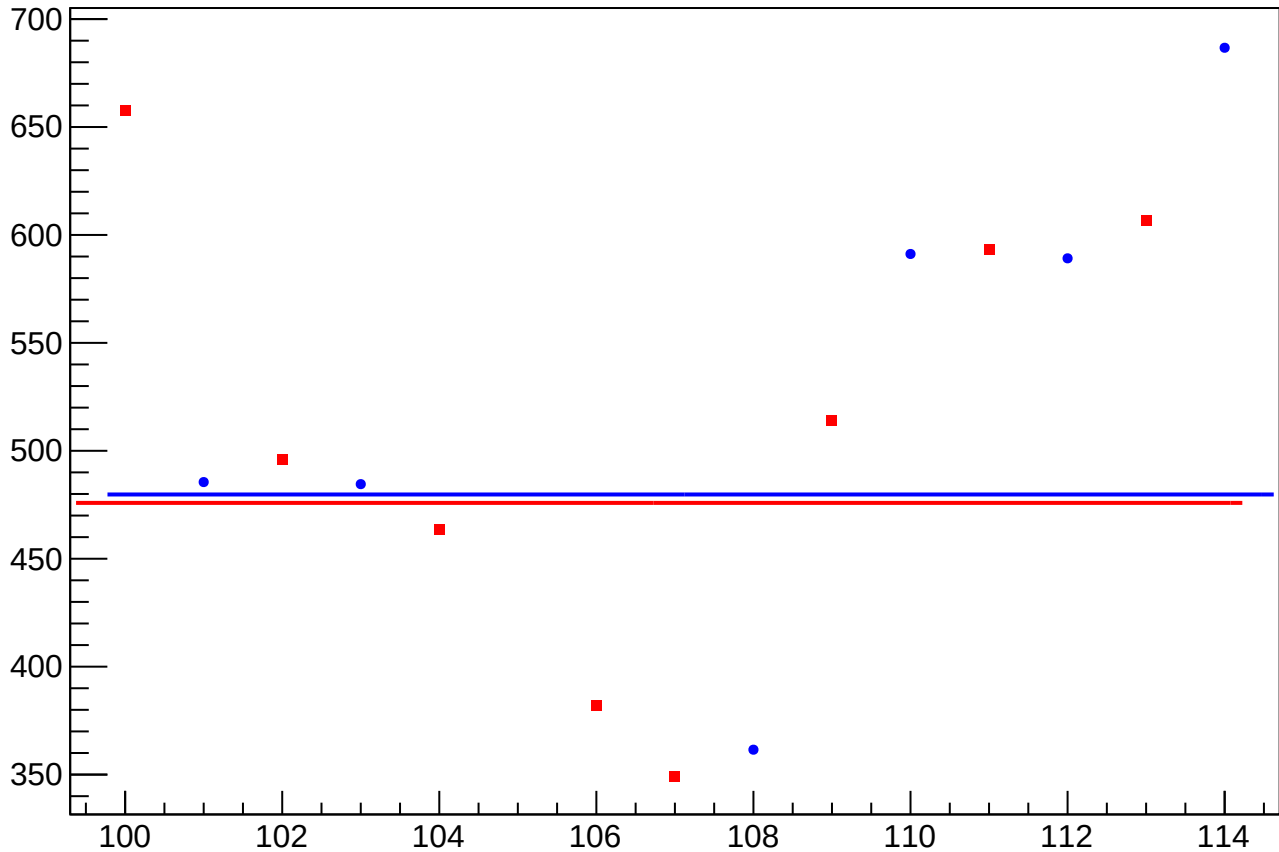
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.043 $\pm$ 200.196 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 479.765 $\pm$ 0.212 χ^2 /NDF: 166550.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 475.867 $\pm$ 0.190 χ^2 /NDF: 199761.0/7

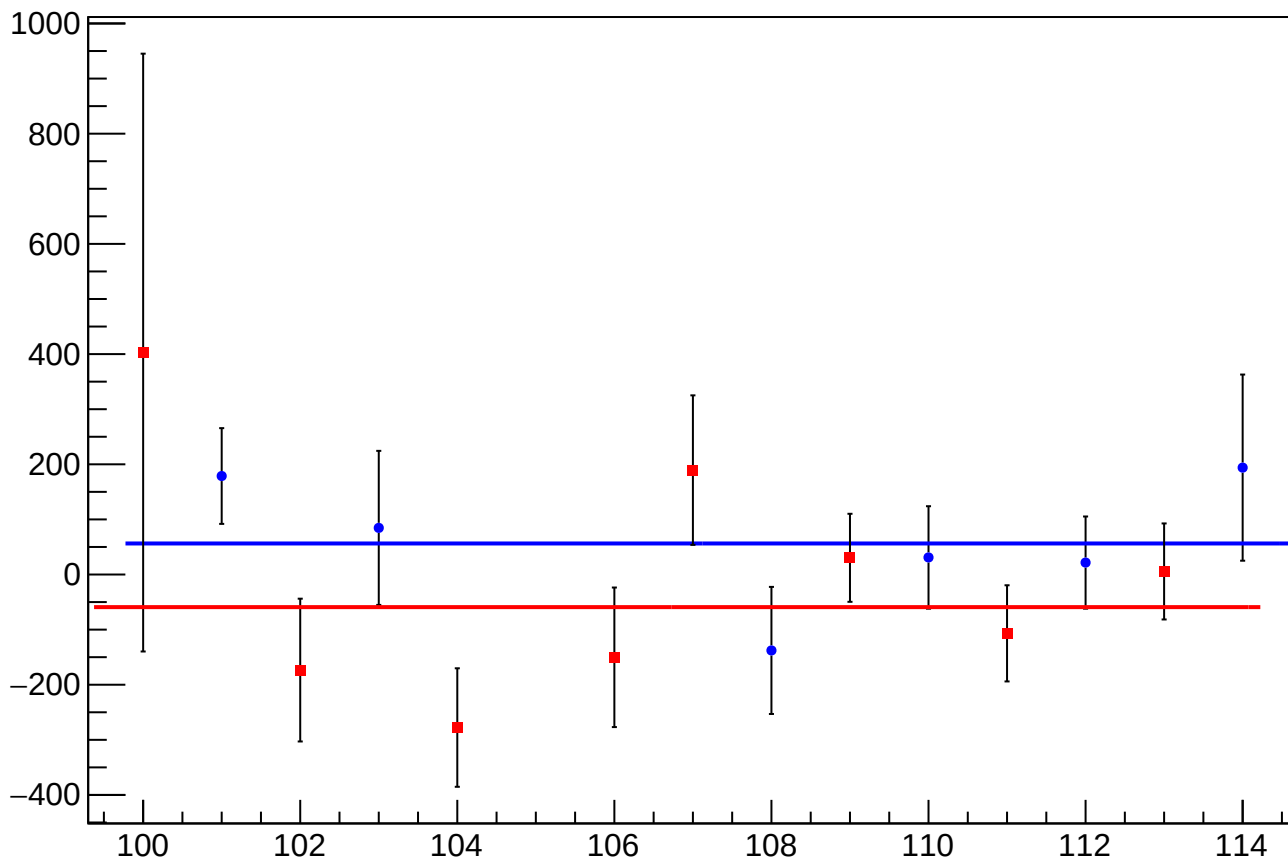
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 477.603 $\pm$ 0.142 χ^2 /NDF: 366499.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 56.343 $\pm$ 42.539 χ^2 /NDF: 5.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.169 $\pm$ 38.182 χ^2 /NDF: 11.6/7

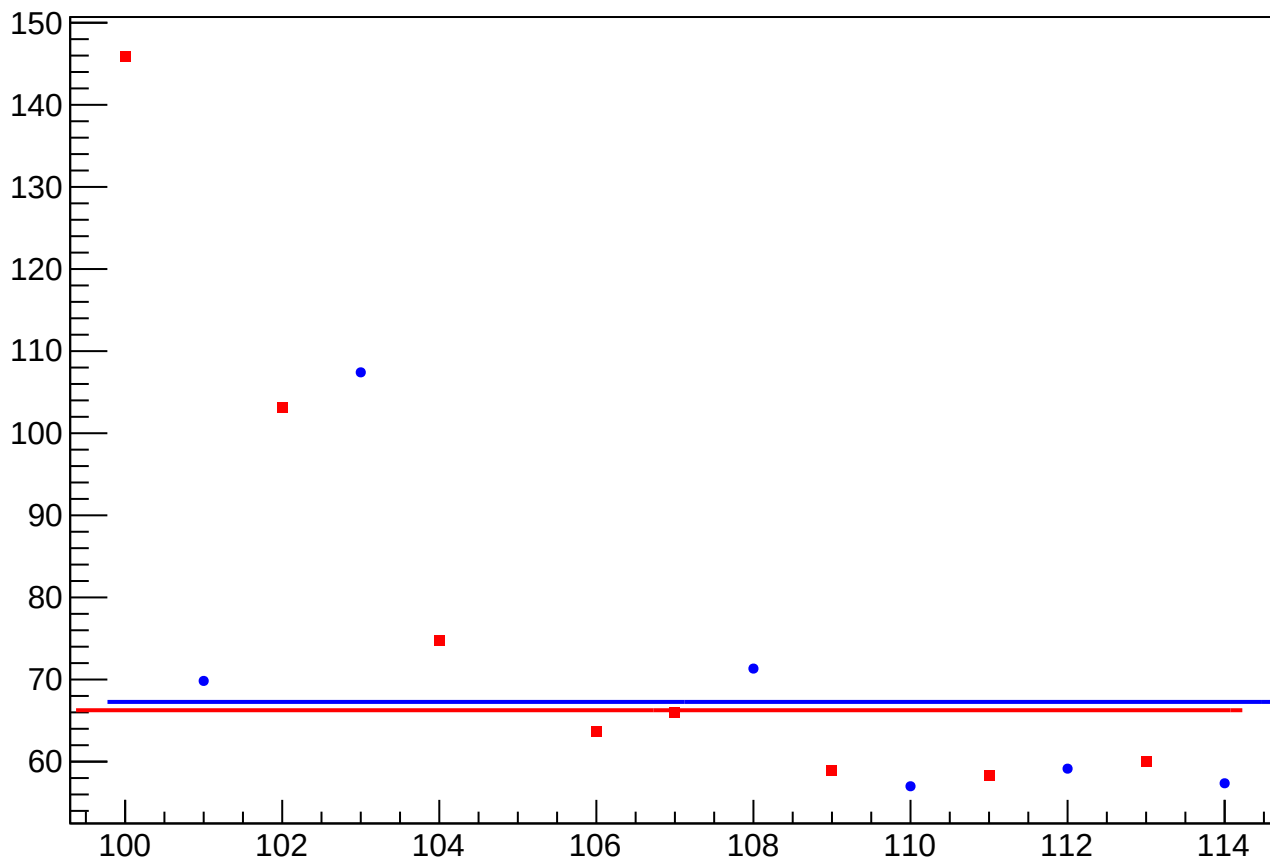
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.630 $\pm$ 28.415 χ^2 /NDF: 21.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 67.274+/-0.030 χ^2/NDF : 219353.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.260+/-0.027 χ^2/NDF : 261893.4/7

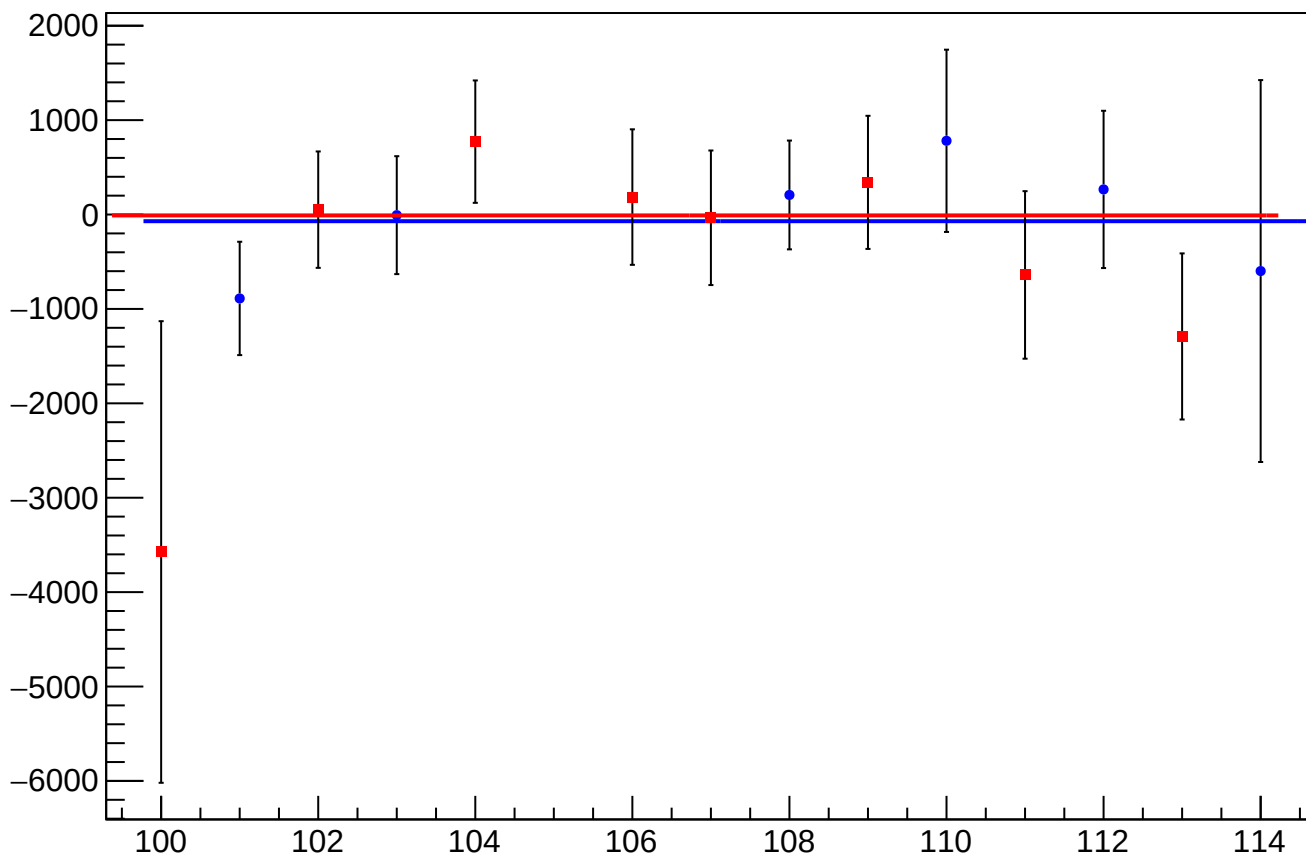
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.713+/-0.020 χ^2/NDF : 481876.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



Right In: -70.525 $\pm$ 300.065 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.434 $\pm$ 270.556 χ^2 /NDF: 6.5/7

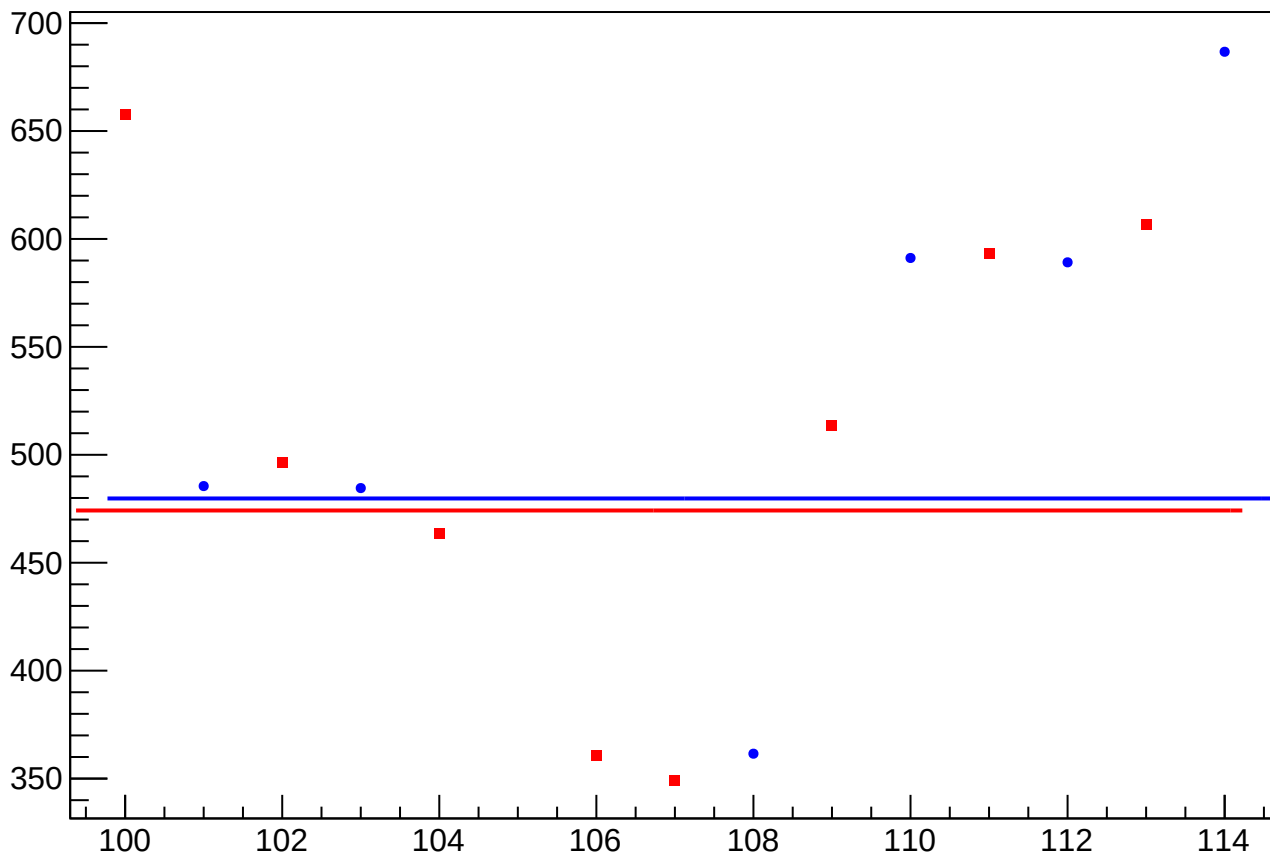
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.829 $\pm$ 200.937 χ^2 /NDF: 9.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 479.773 $\pm$ 0.212 χ^2 /NDF: 166552.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 474.208 $\pm$ 0.191 χ^2 /NDF: 213614.7/7

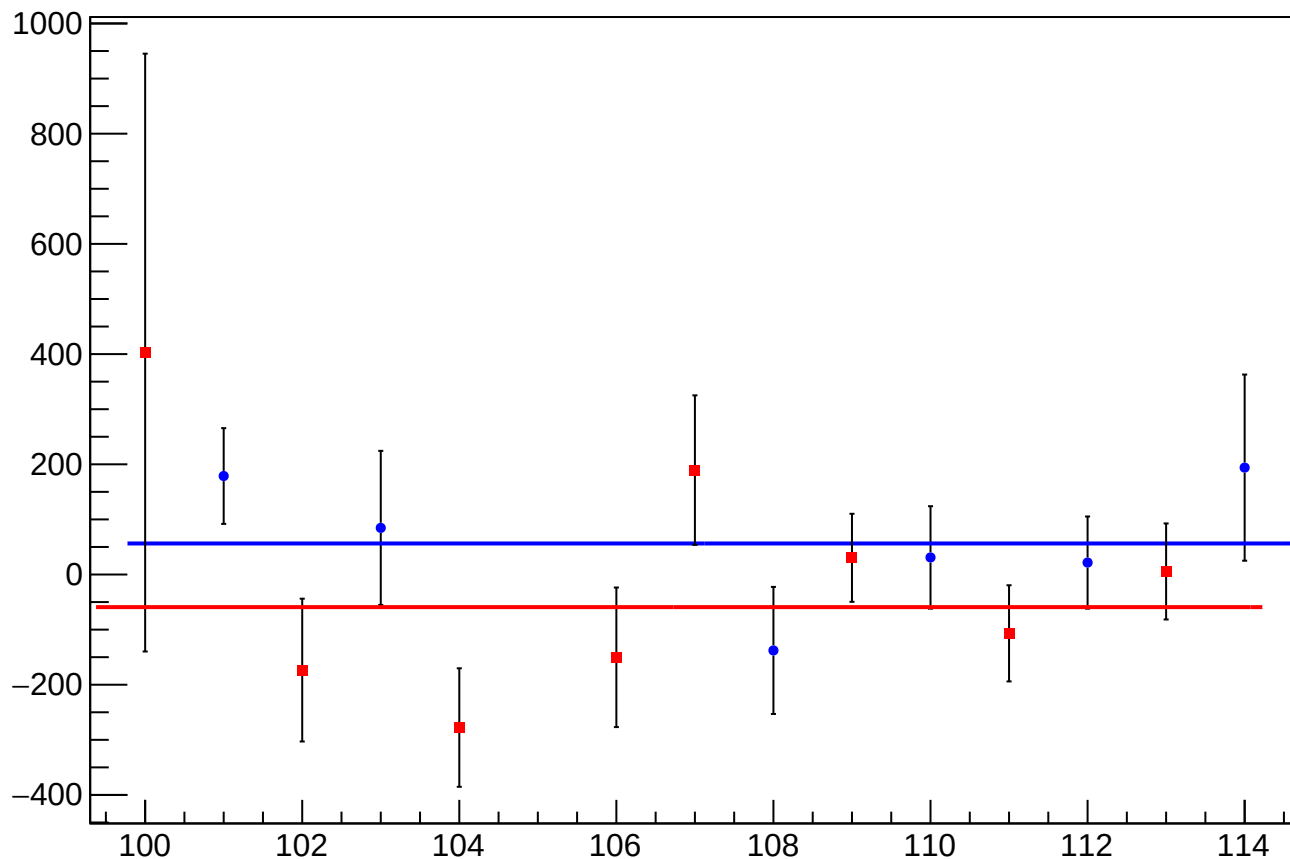
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 476.703 $\pm$ 0.142 χ^2 /NDF: 380546.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 56.343 $\pm$ 42.539 χ^2 /NDF: 5.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.169 $\pm$ 38.182 χ^2 /NDF: 11.6/7

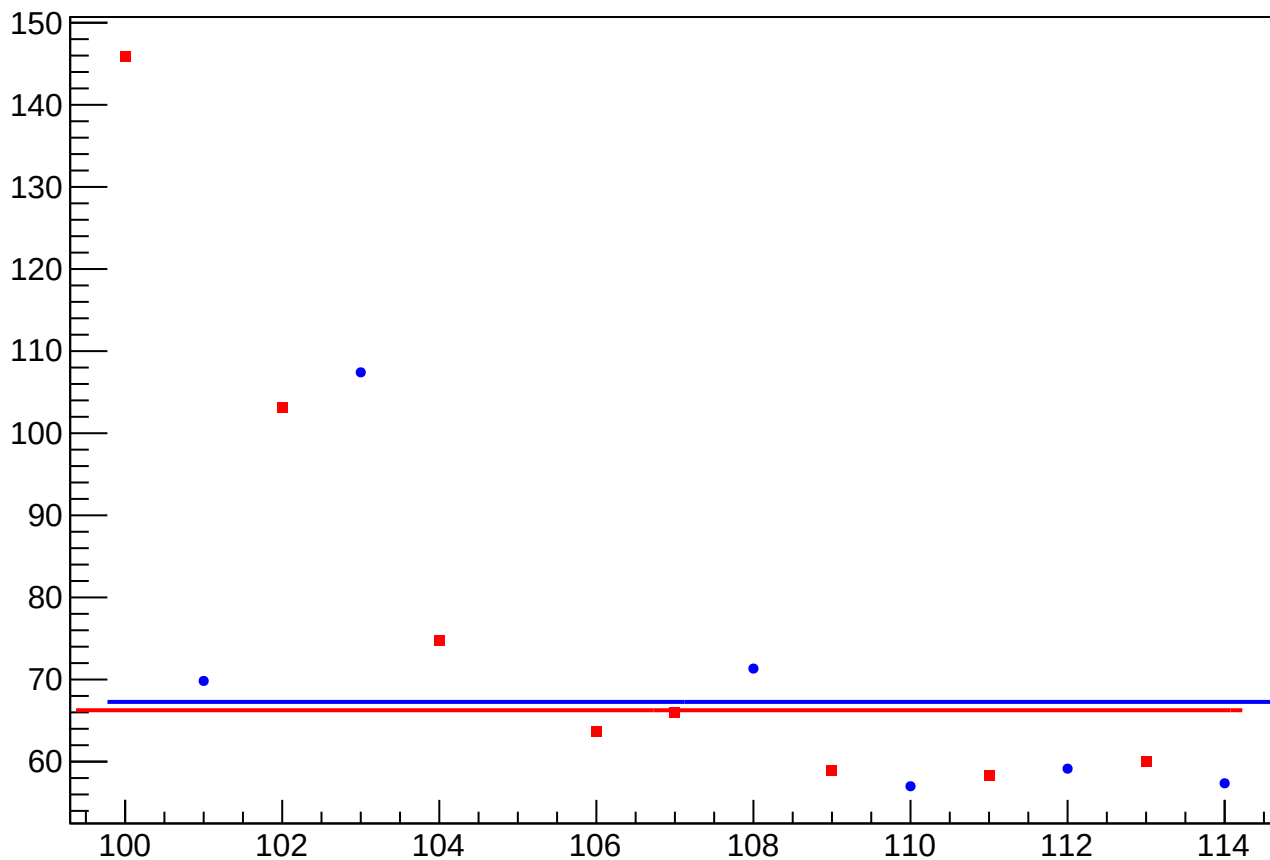
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.630 $\pm$ 28.415 χ^2 /NDF: 21.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 67.274+/-0.030 χ^2/NDF : 219353.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.260+/-0.027 χ^2/NDF : 261893.4/7

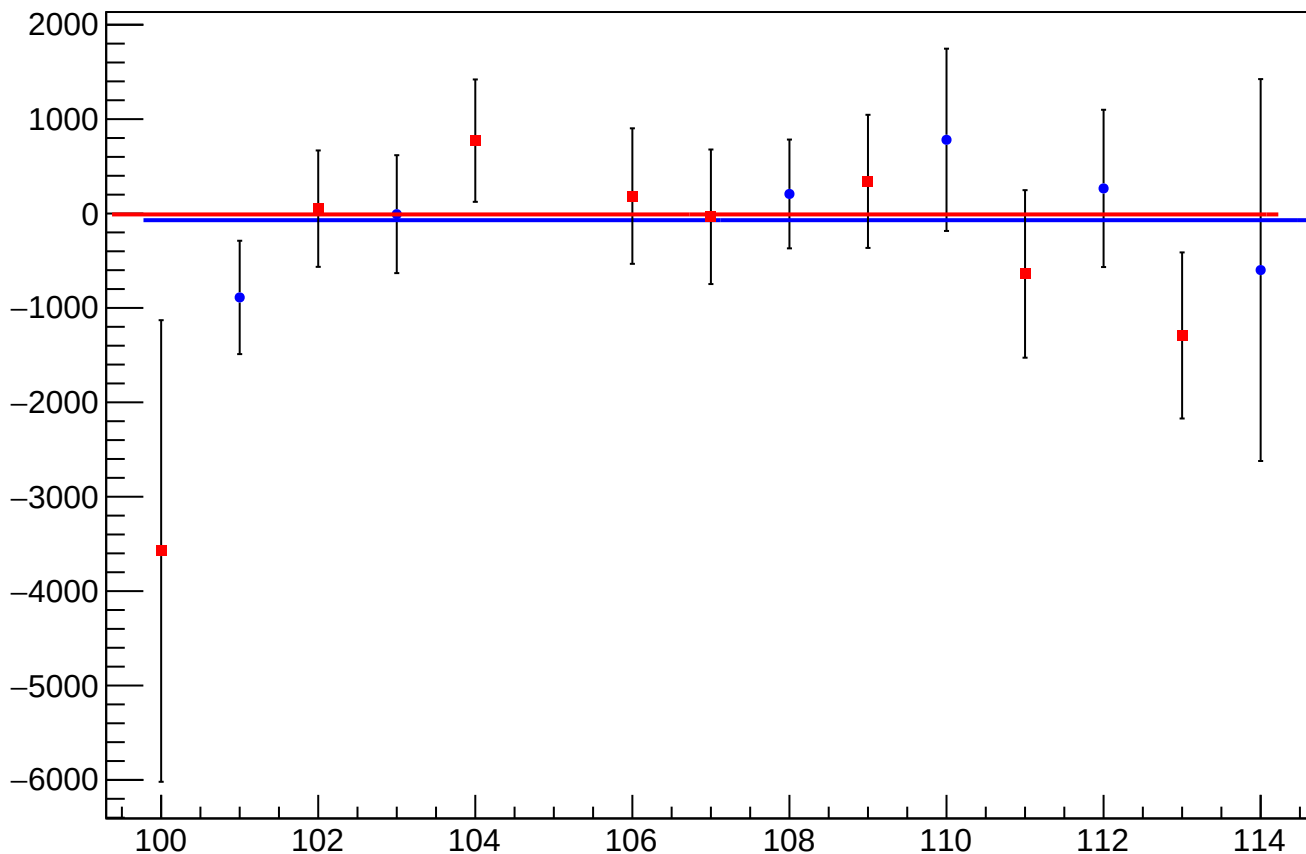
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.713+/-0.020 χ^2/NDF : 481876.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -70.525+/-300.065 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.434+/-270.556 χ^2/NDF : 6.5/7

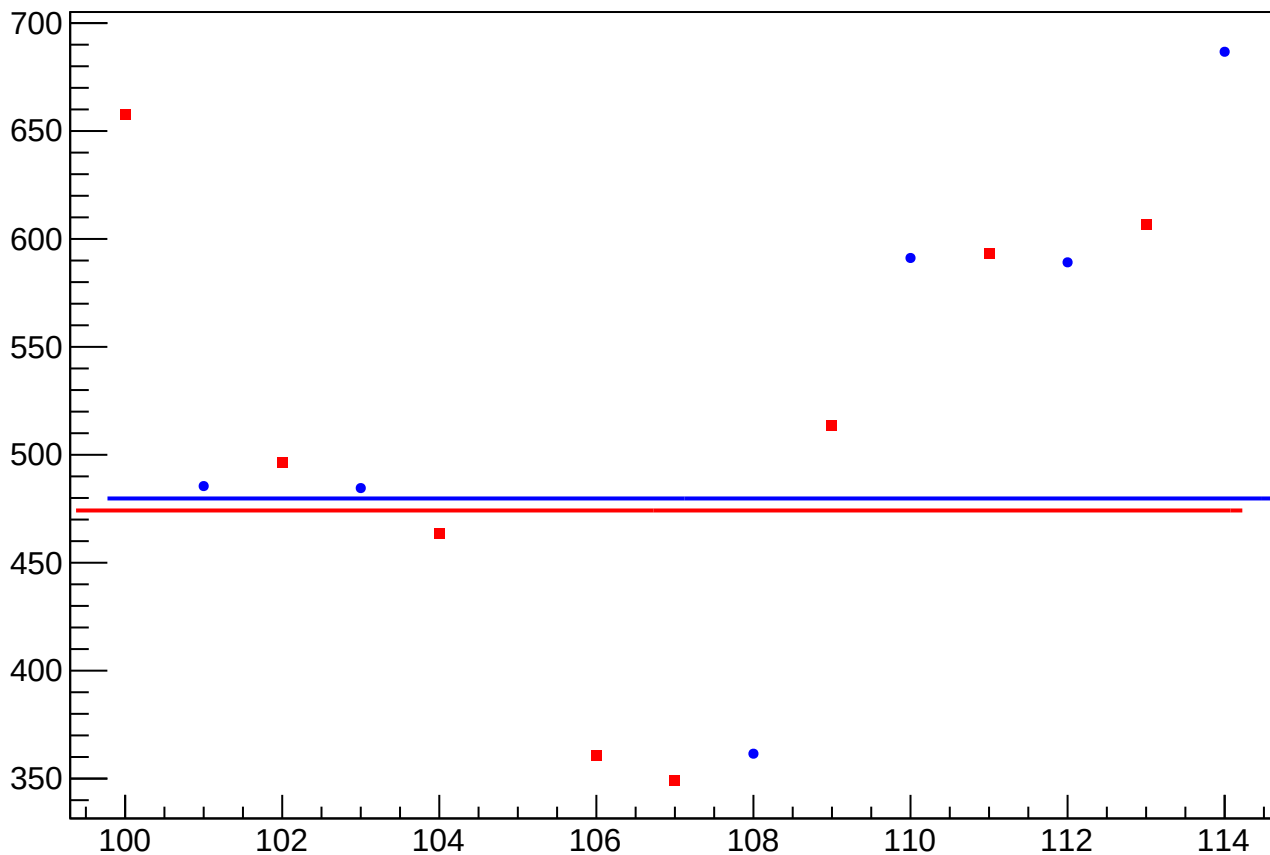
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.829+/-200.937 χ^2/NDF : 9.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug



Right In: 479.773+/-0.212 χ^2/NDF : 166552.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 474.208+/-0.191 χ^2/NDF : 213614.7/7

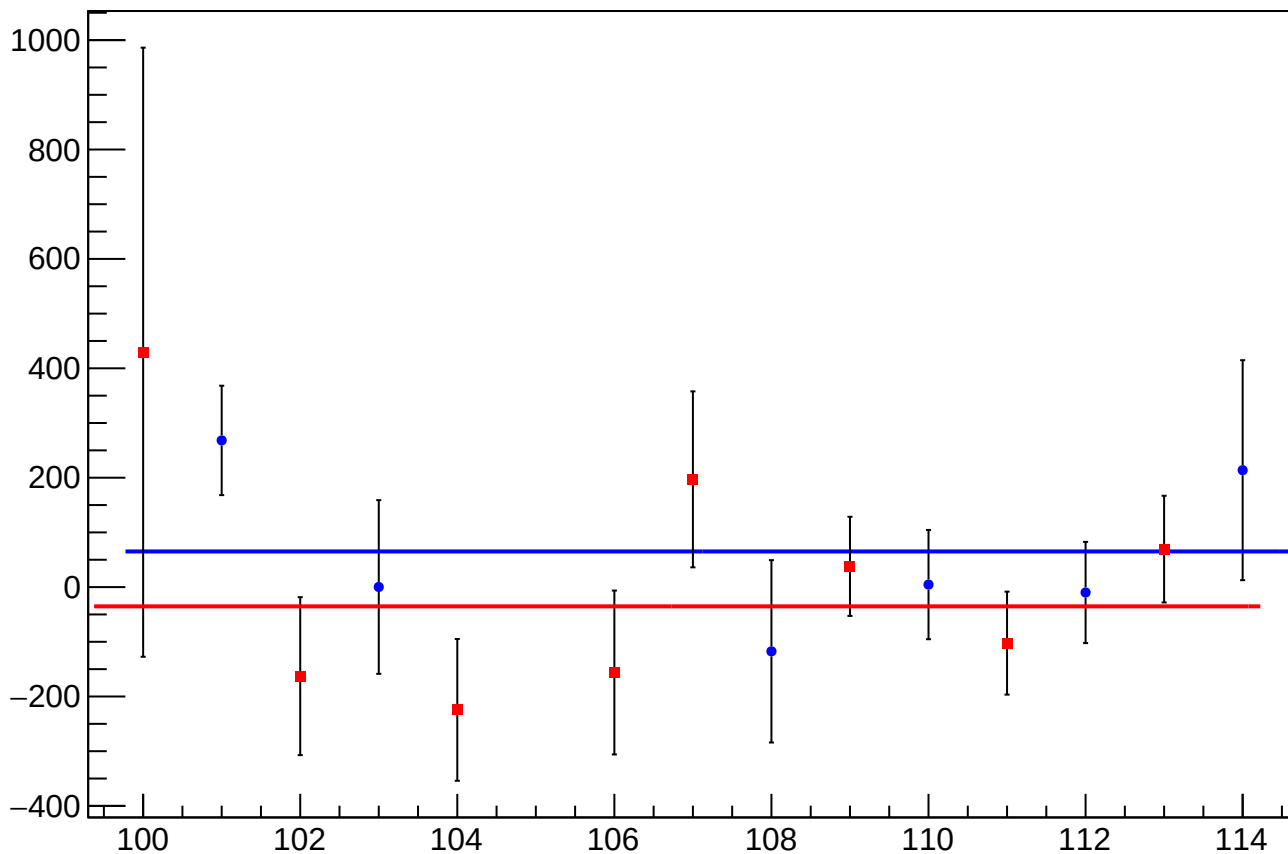
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.703+/-0.142 χ^2/NDF : 380546.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 65.173+/-48.950 χ^2/NDF : 7.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.171+/-43.287 χ^2/NDF : 8.7/7

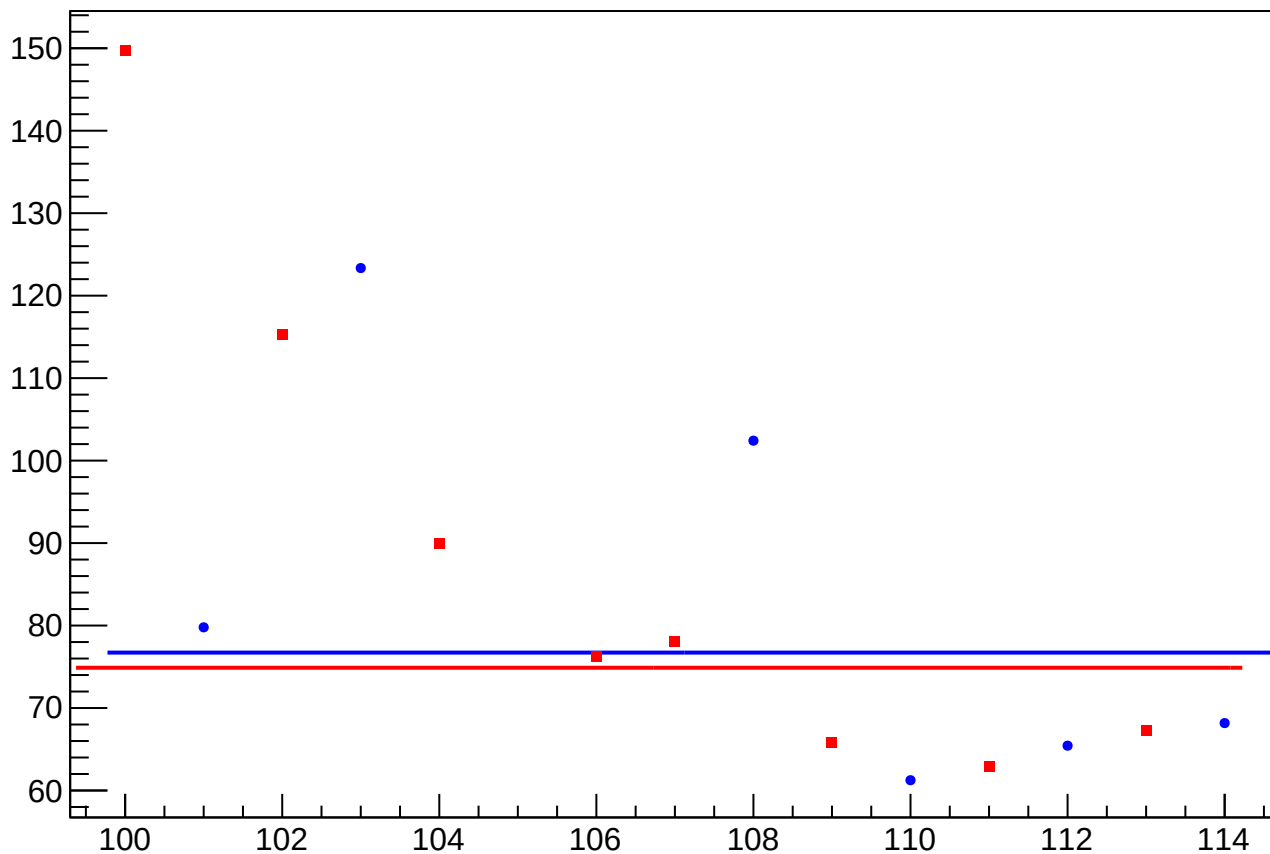
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.864+/-32.427 χ^2/NDF : 18.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 76.721 $\pm$ 0.035 χ^2 /NDF: 303208.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.883 $\pm$ 0.031 χ^2 /NDF: 285163.4/7

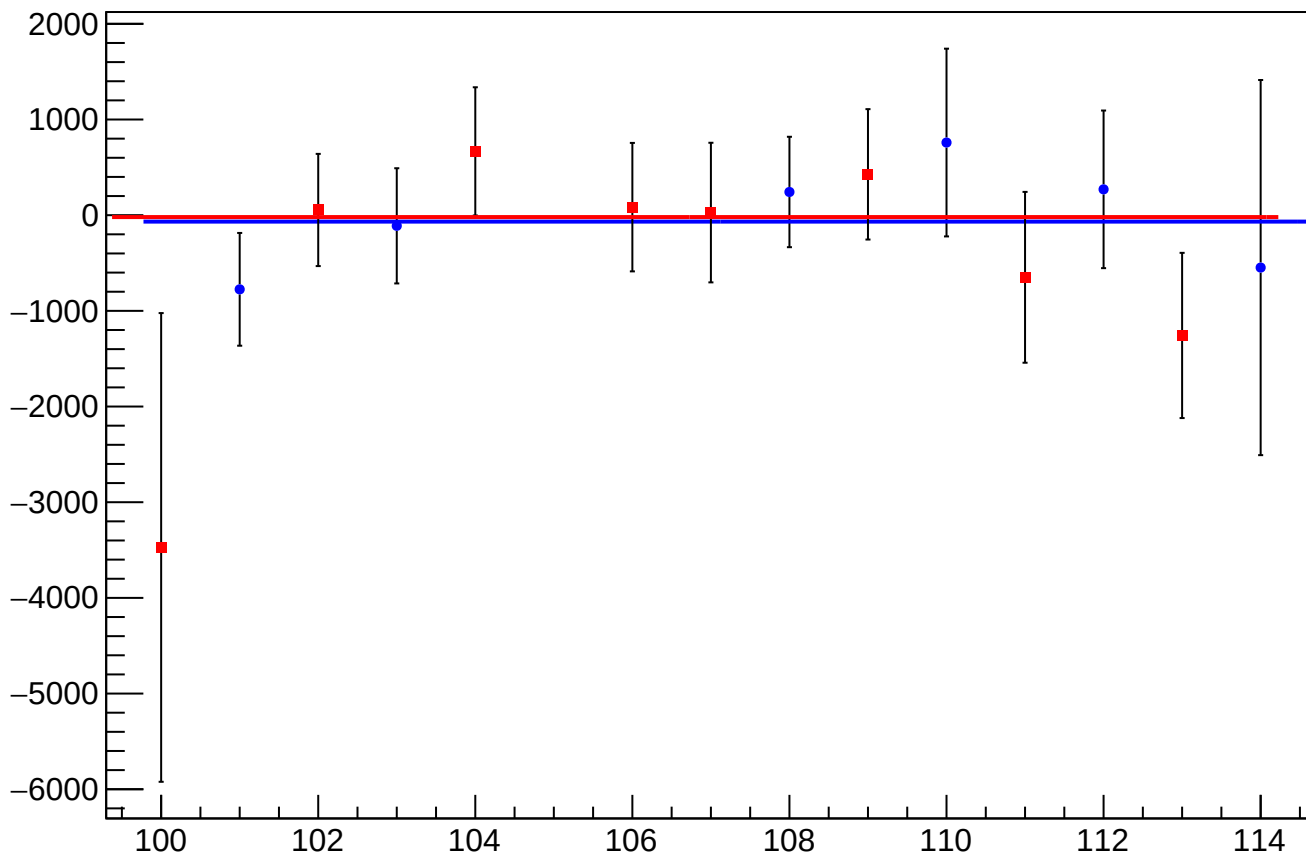
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.689 $\pm$ 0.023 χ^2 /NDF: 589955.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -67.079+/-295.982 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.701+/-265.854 χ^2/NDF : 6.1/7

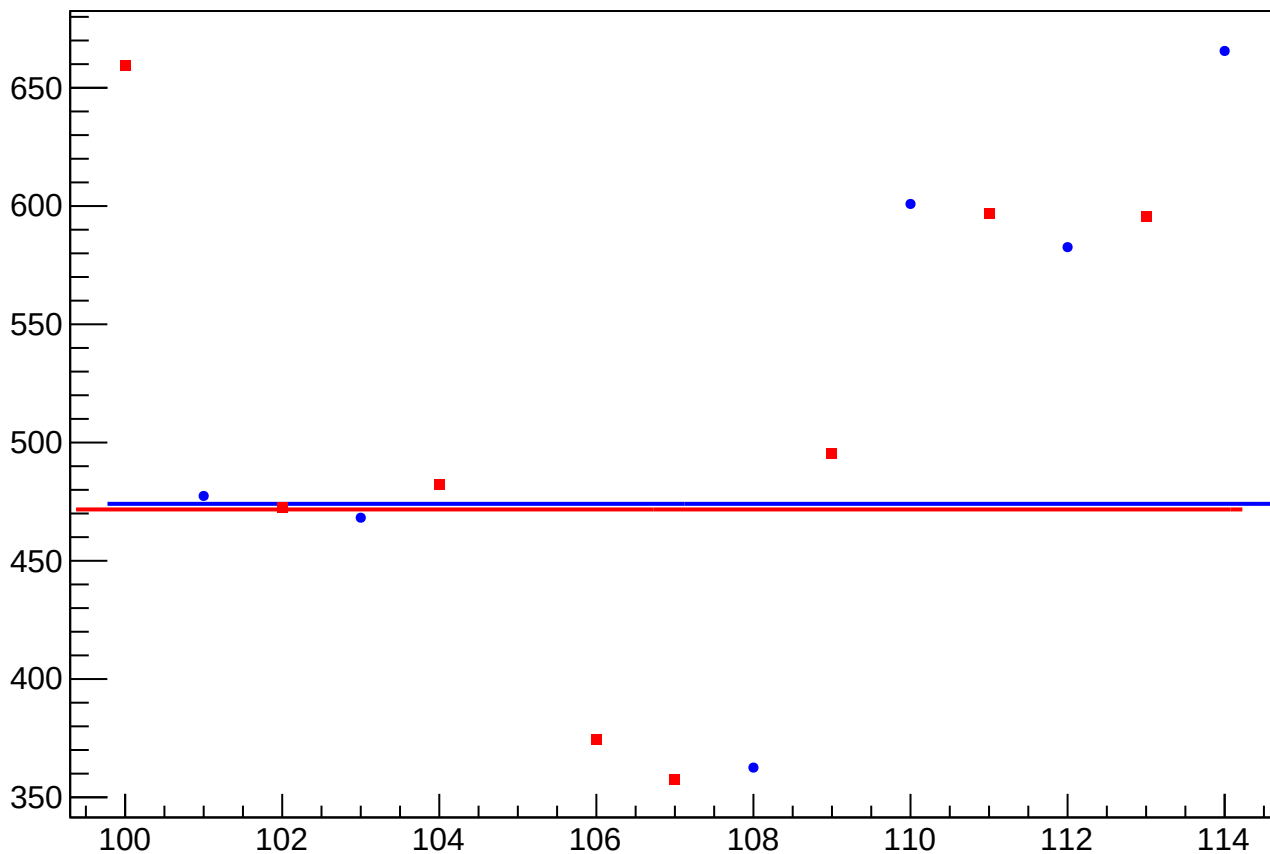
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.857+/-197.784 χ^2/NDF : 8.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 474.084 $\pm$ 0.209 χ^2 /NDF: 162187.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 471.711 $\pm$ 0.188 χ^2 /NDF: 185875.2/7

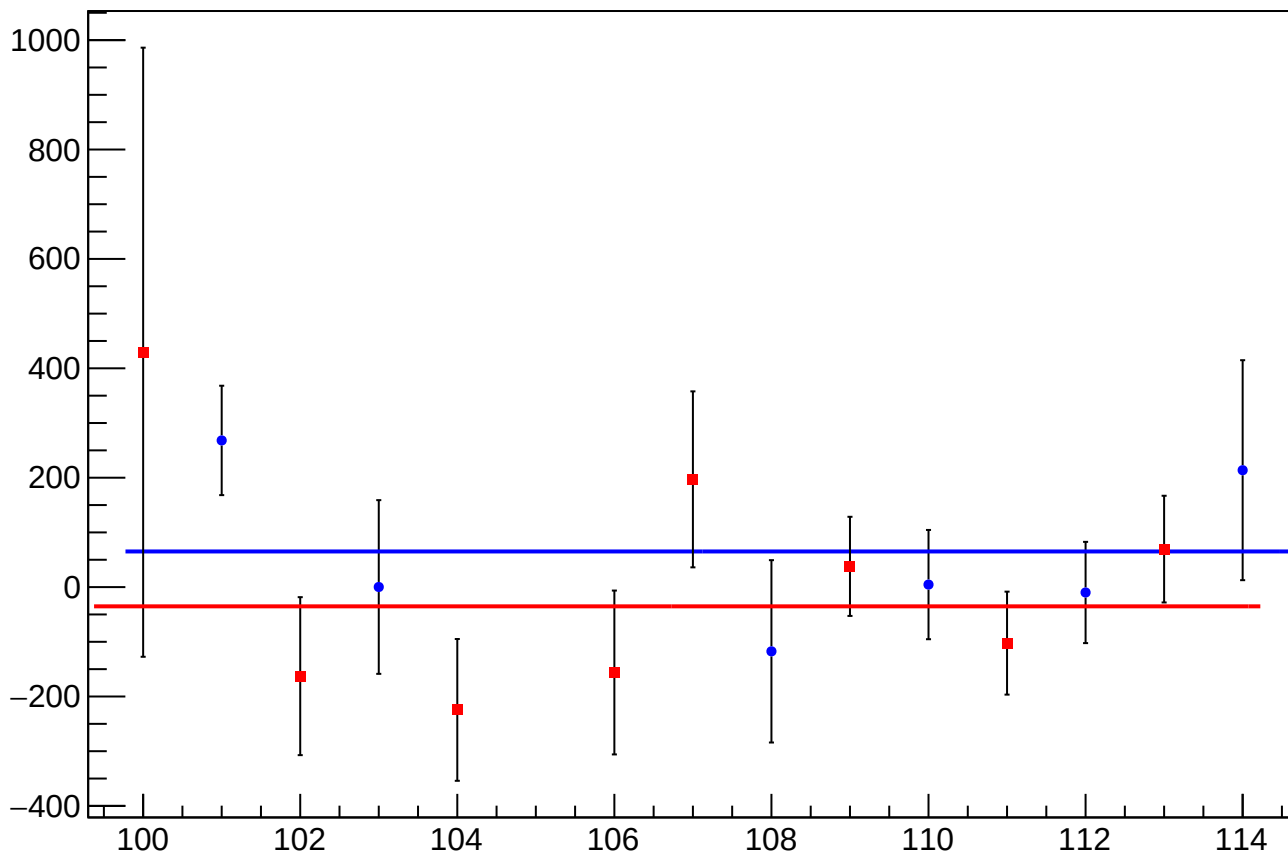
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 472.771 $\pm$ 0.140 χ^2 /NDF: 348133.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 65.175 $\pm$ 48.950 χ^2/NDF : 7.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -35.171 $\pm$ 43.287 χ^2/NDF : 8.7/7

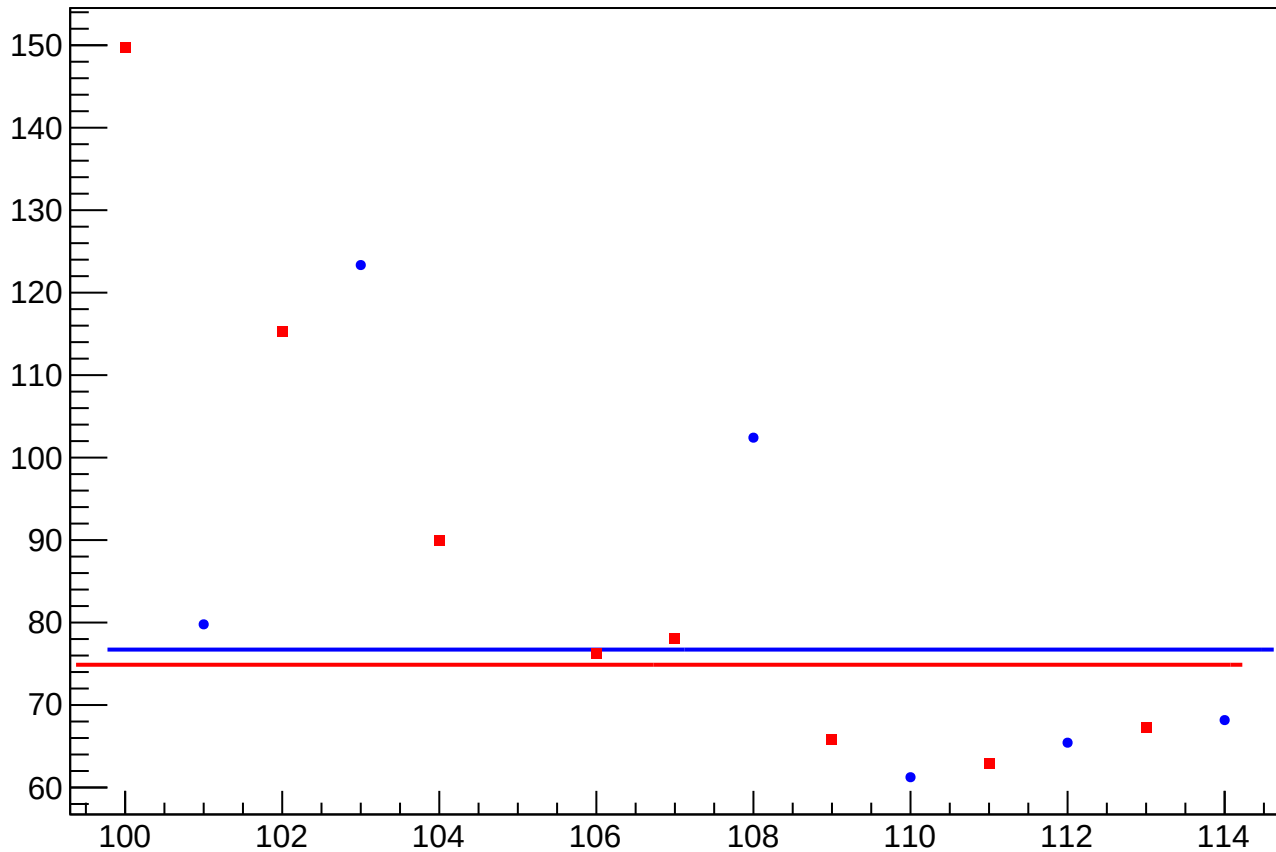
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 8.865 $\pm$ 32.427 χ^2/NDF : 18.1/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 76.721 $\pm$ 0.035 χ^2 /NDF: 303214.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.883 $\pm$ 0.031 χ^2 /NDF: 285164.5/7

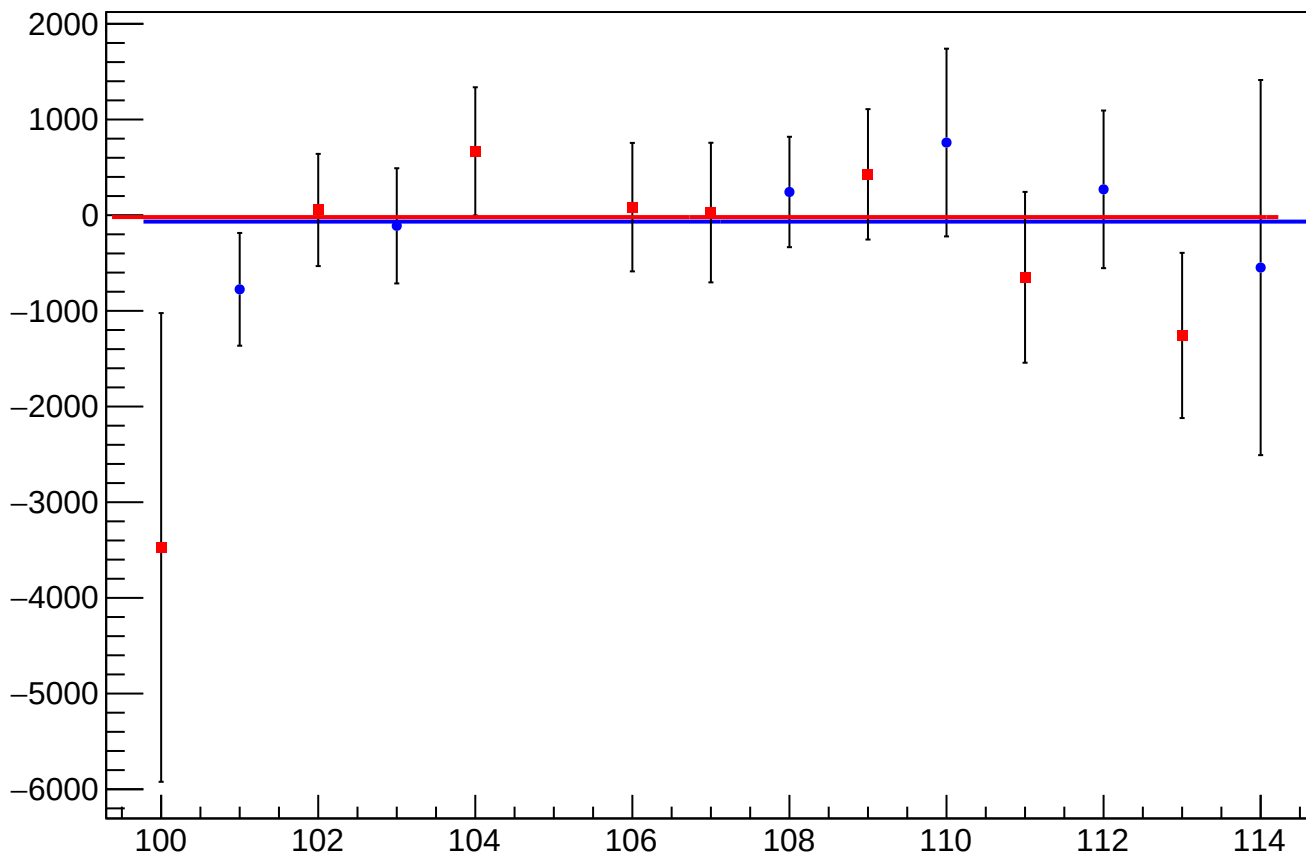
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.690 $\pm$ 0.023 χ^2 /NDF: 589962.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



Right In: -67.079 $\pm$ 295.981 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.700 $\pm$ 265.854 χ^2 /NDF: 6.1/7

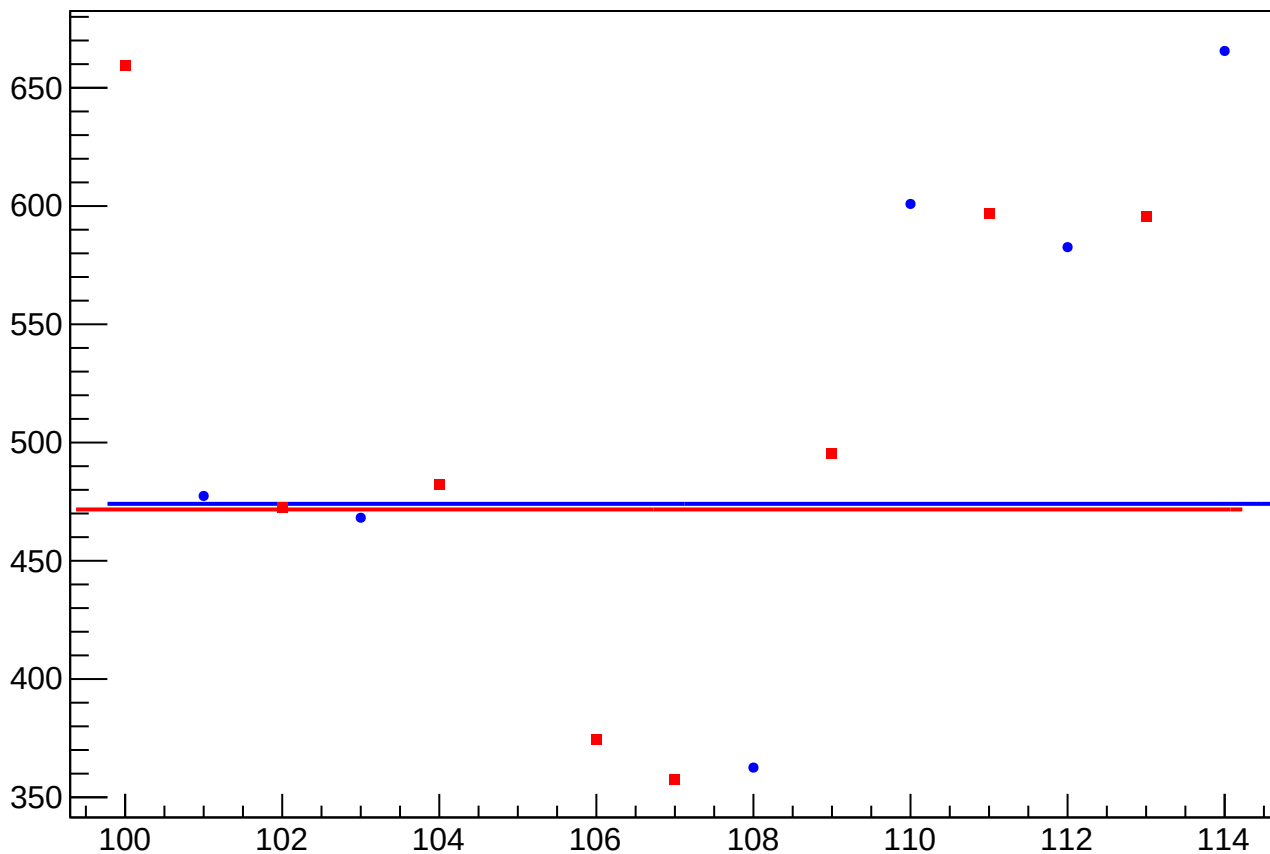
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.856 $\pm$ 197.783 χ^2 /NDF: 8.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 474.083 $\pm$ 0.209 χ^2 /NDF: 162187.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 471.710 $\pm$ 0.188 χ^2 /NDF: 185874.9/7

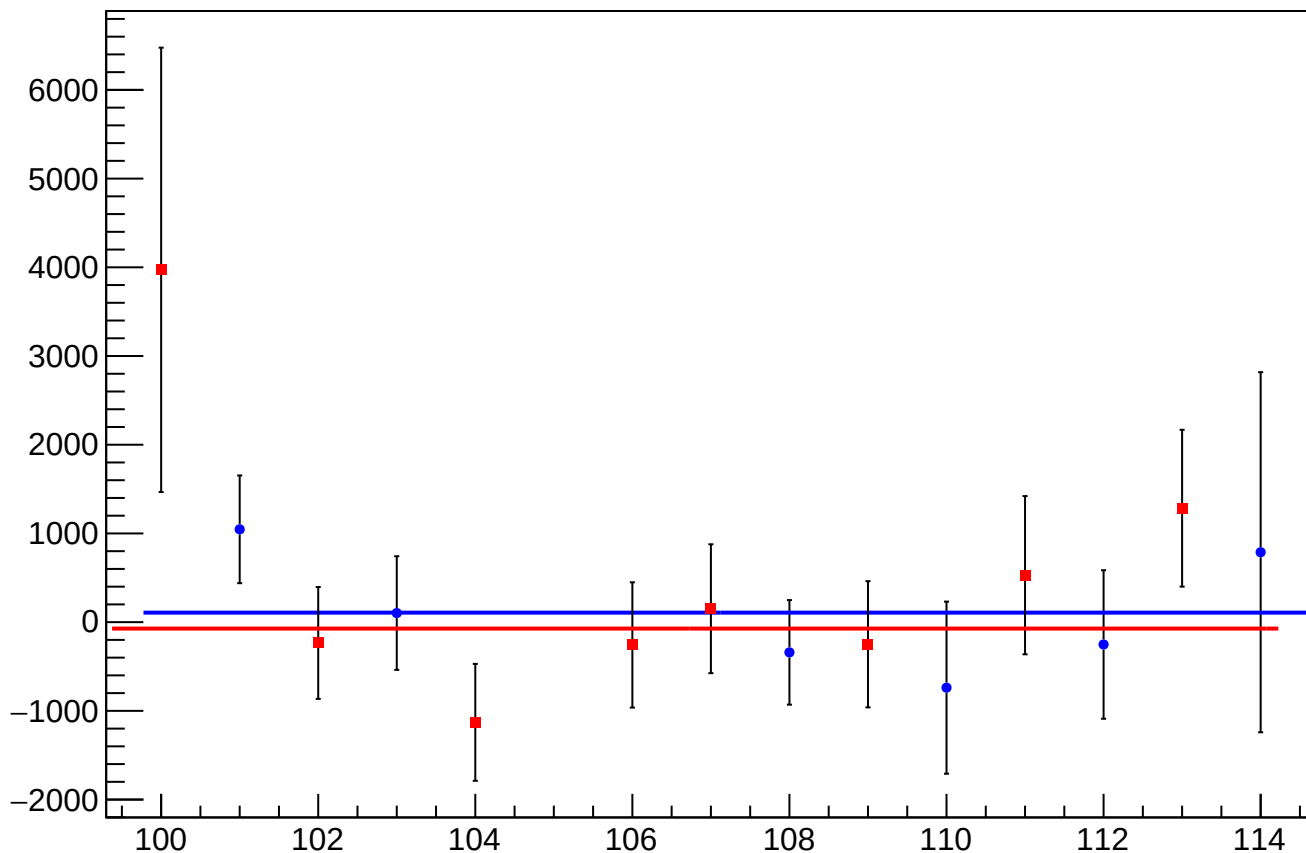
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 472.770 $\pm$ 0.140 χ^2 /NDF: 348133.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 107.246 $\pm$ 304.843 χ^2 /NDF: 4.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.375 $\pm$ 273.292 χ^2 /NDF: 8.3/7

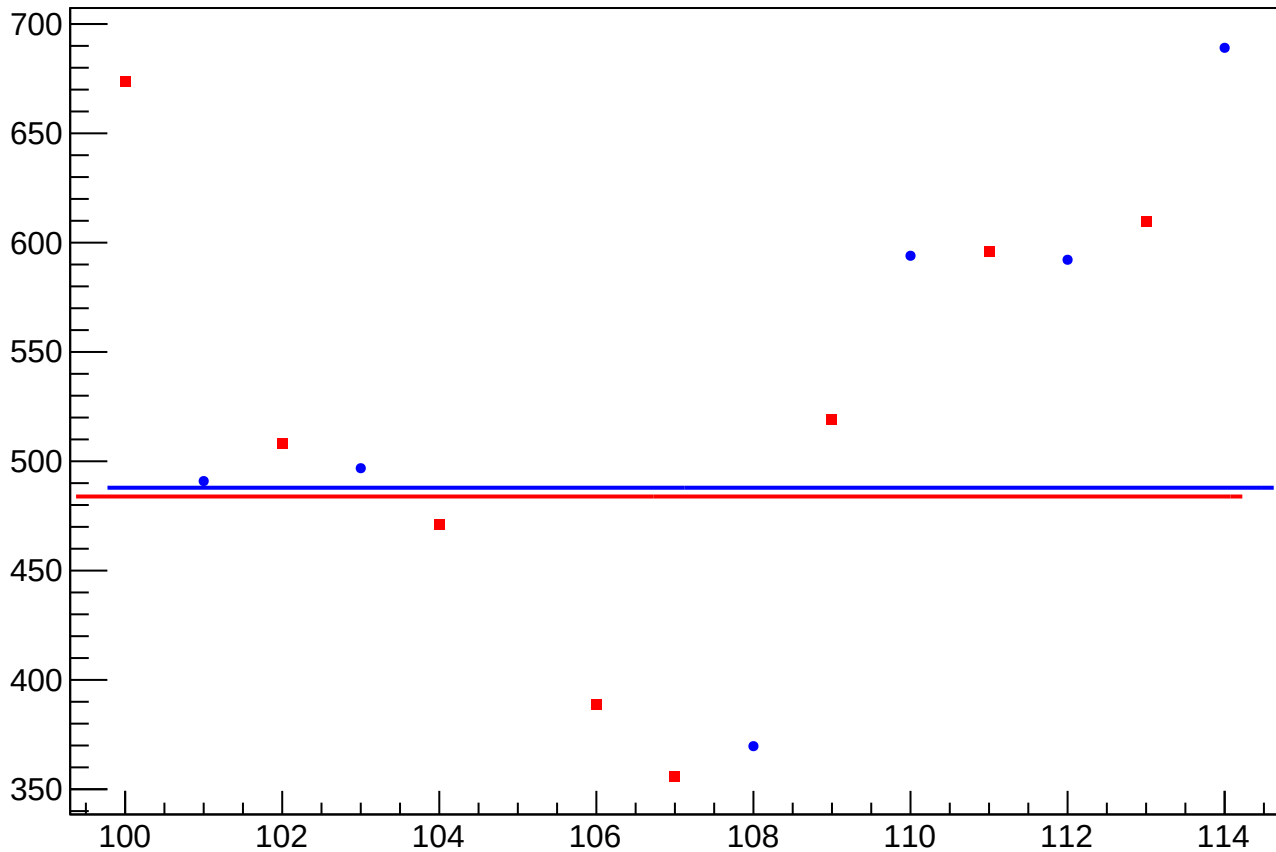
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.662 $\pm$ 203.490 χ^2 /NDF: 12.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 487.907 $\pm$ 0.216 χ^2 /NDF: 155487.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 483.889 $\pm$ 0.193 χ^2 /NDF: 190616.5/7

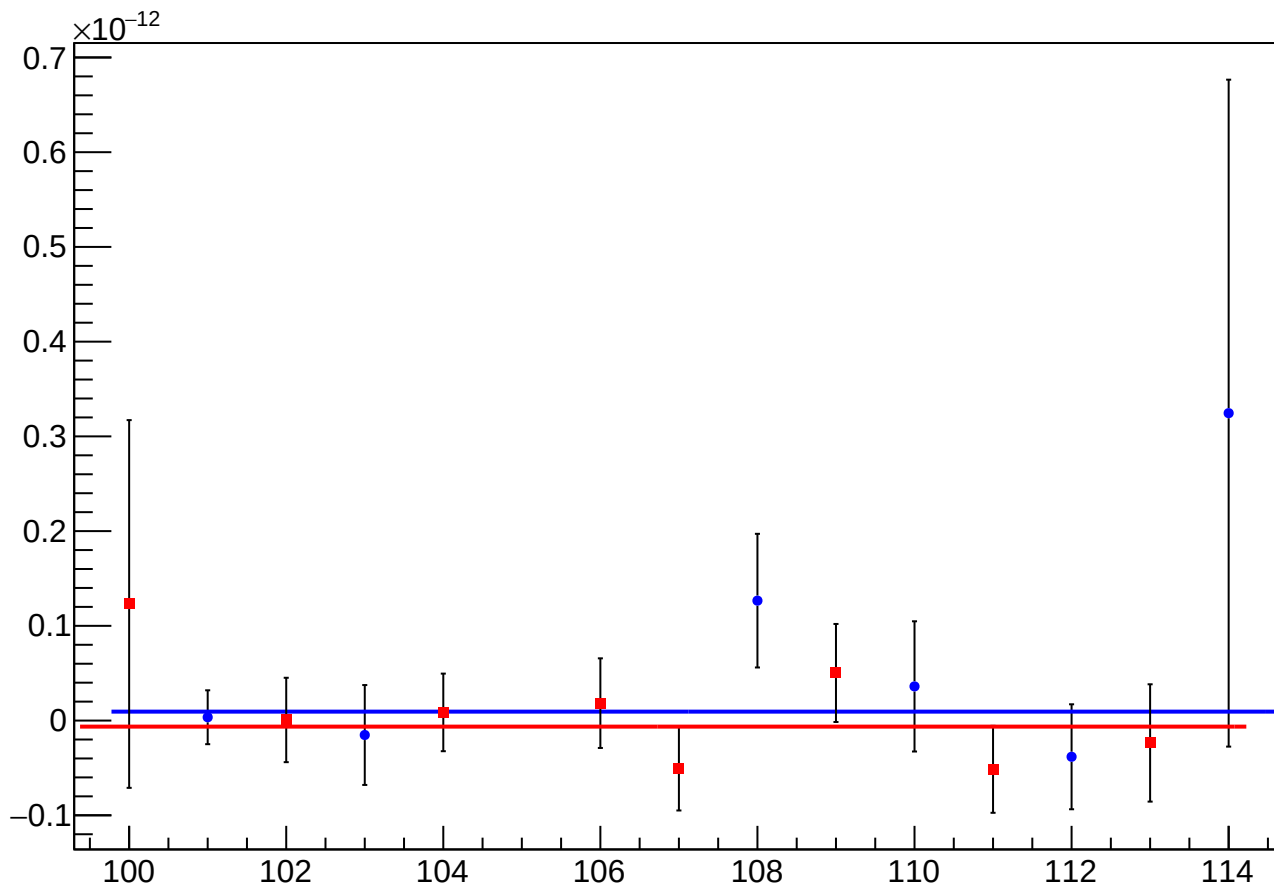
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 485.679 $\pm$ 0.144 χ^2 /NDF: 346296.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/7

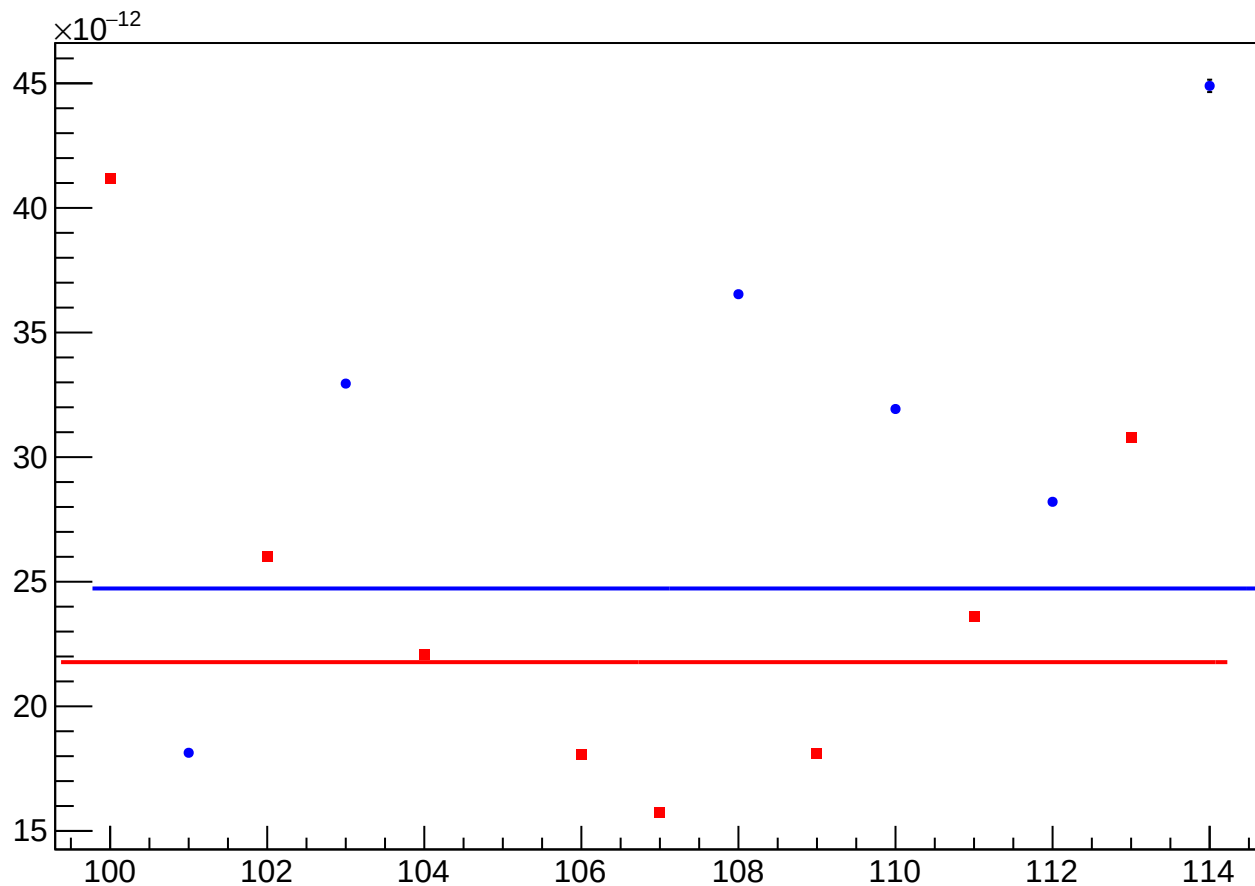
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 248534.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 142640.1/7

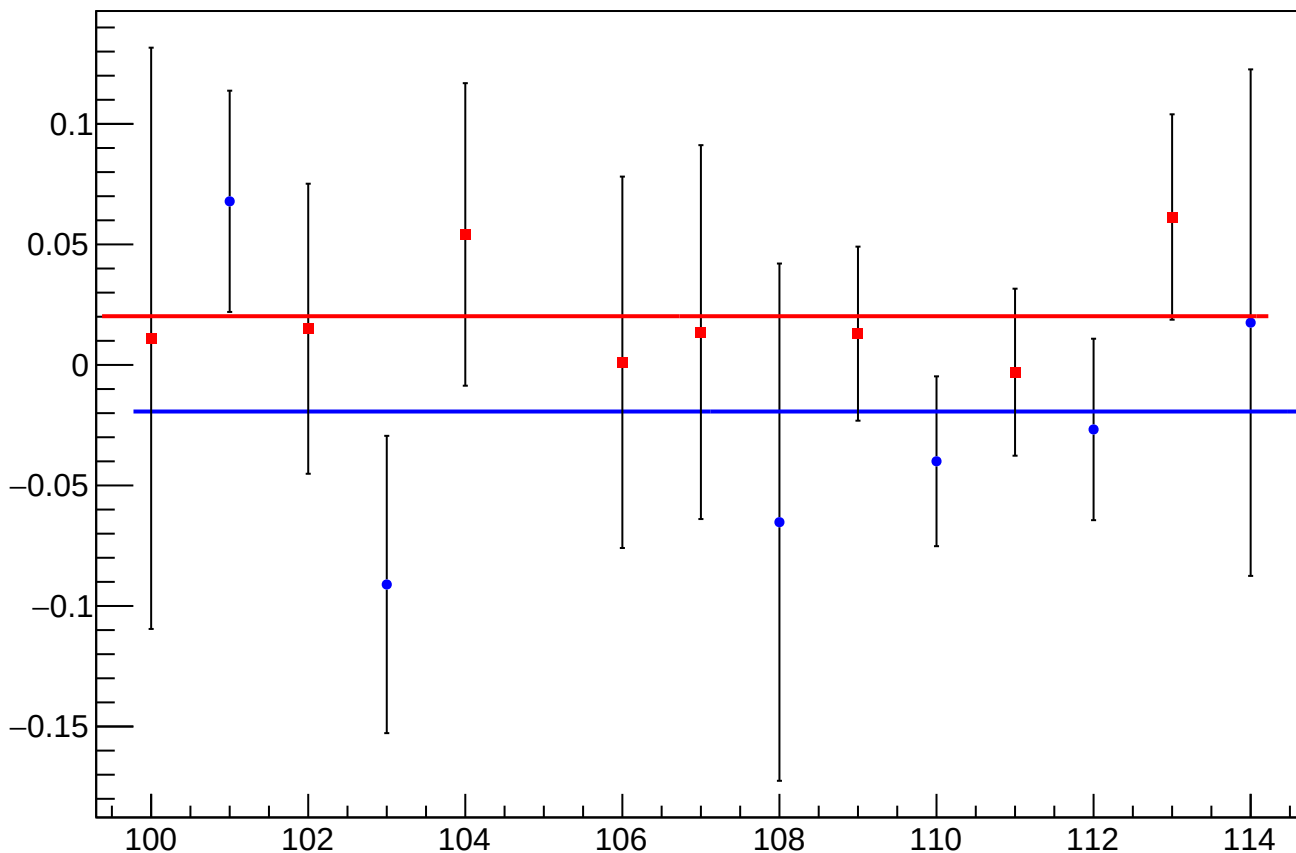
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 414771.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 5.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.020 $\pm$ 0.018 χ^2 /NDF: 1.8/7

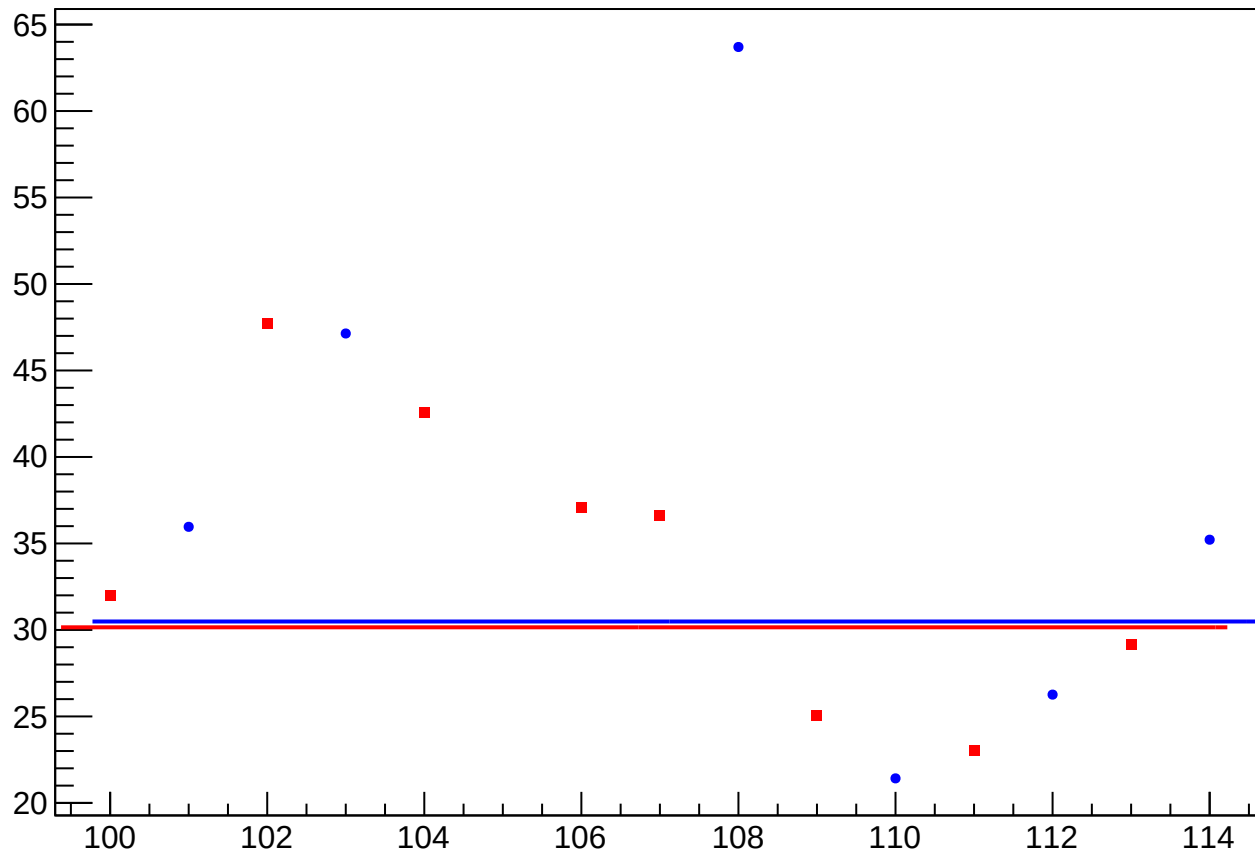
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.013 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.488 ± 0.014 $\chi^2/\text{NDF}: 527697.8/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 30.152 ± 0.013 $\chi^2/\text{NDF}: 405255.2/7$

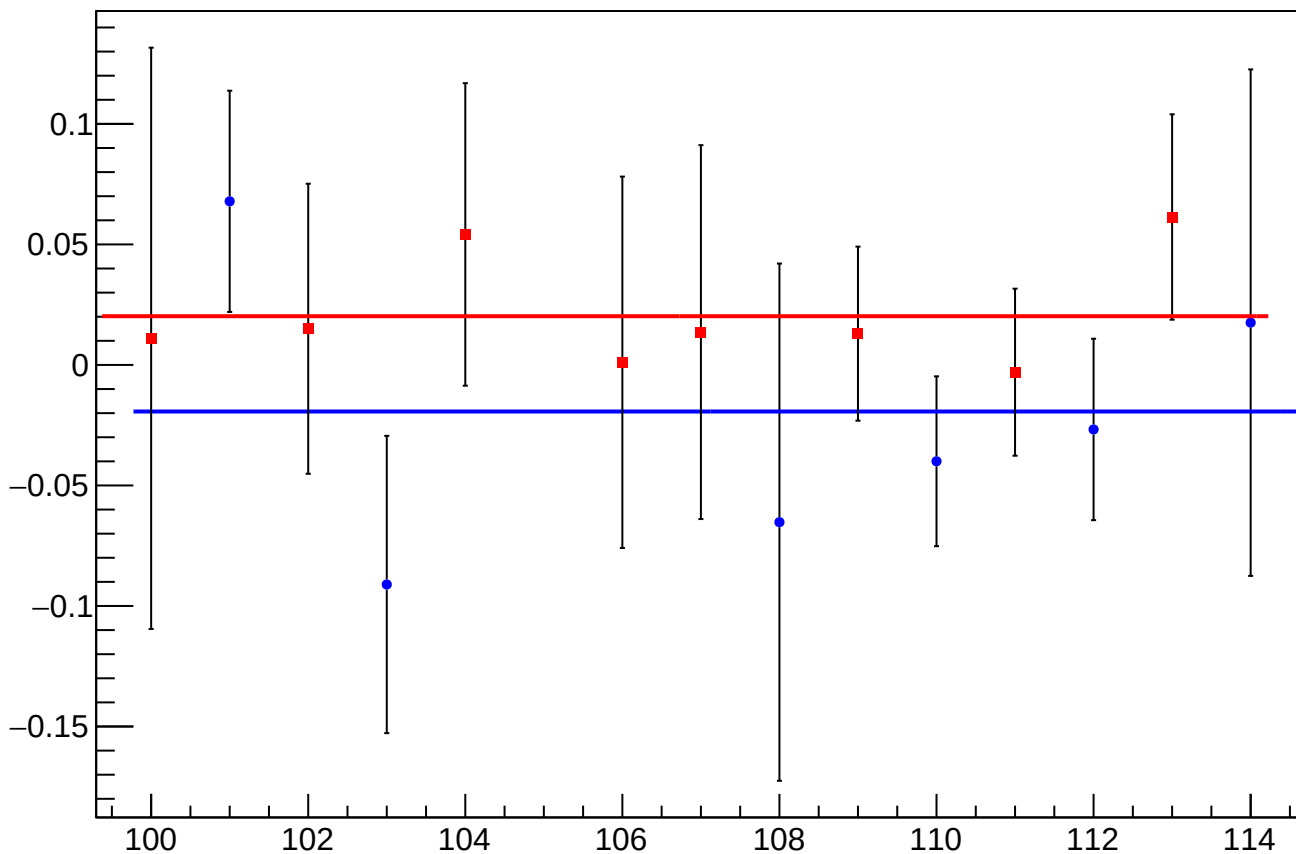
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.300 ± 0.010 $\chi^2/\text{NDF}: 933260.1/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 5.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.020 $\pm$ 0.018 χ^2 /NDF: 1.8/7

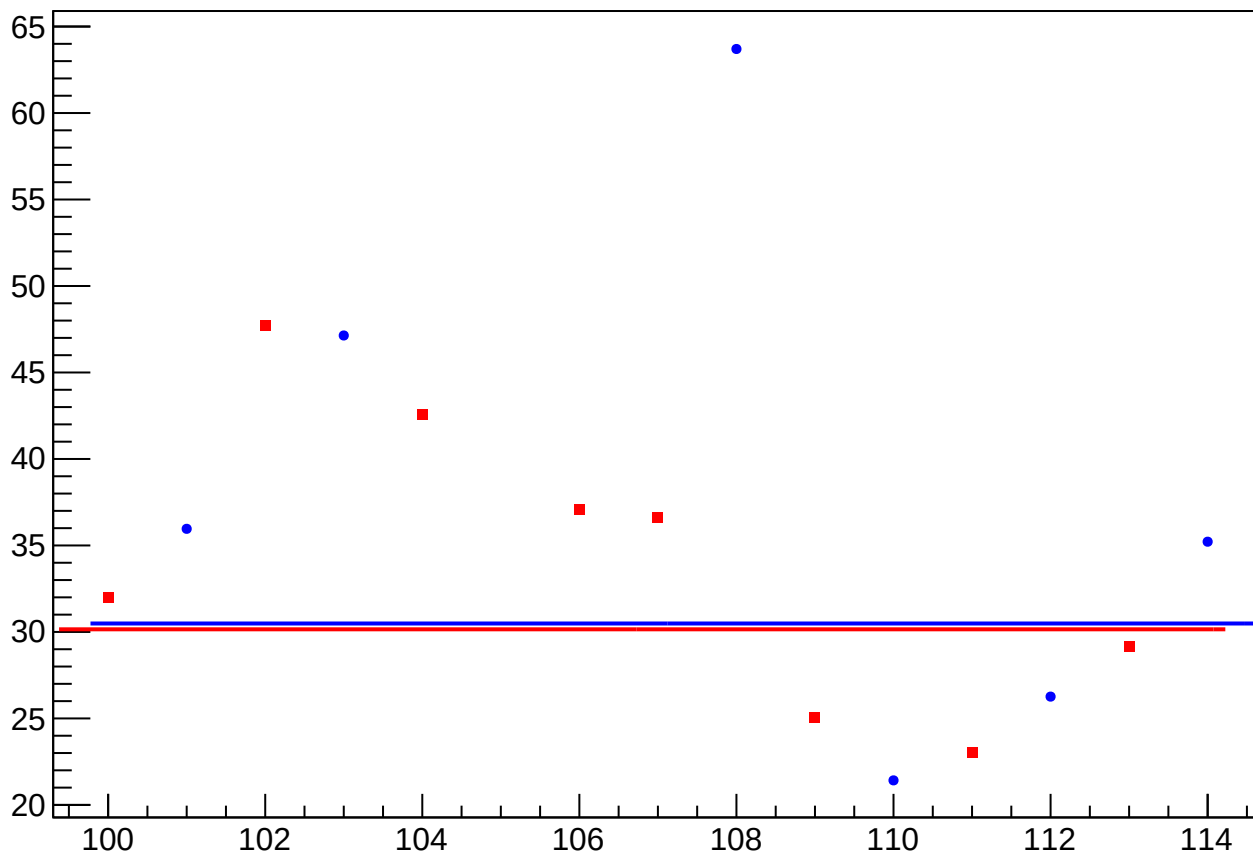
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.013 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.488+/-0.014 χ^2/NDF : 527697.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.152+/-0.013 χ^2/NDF : 405255.2/7

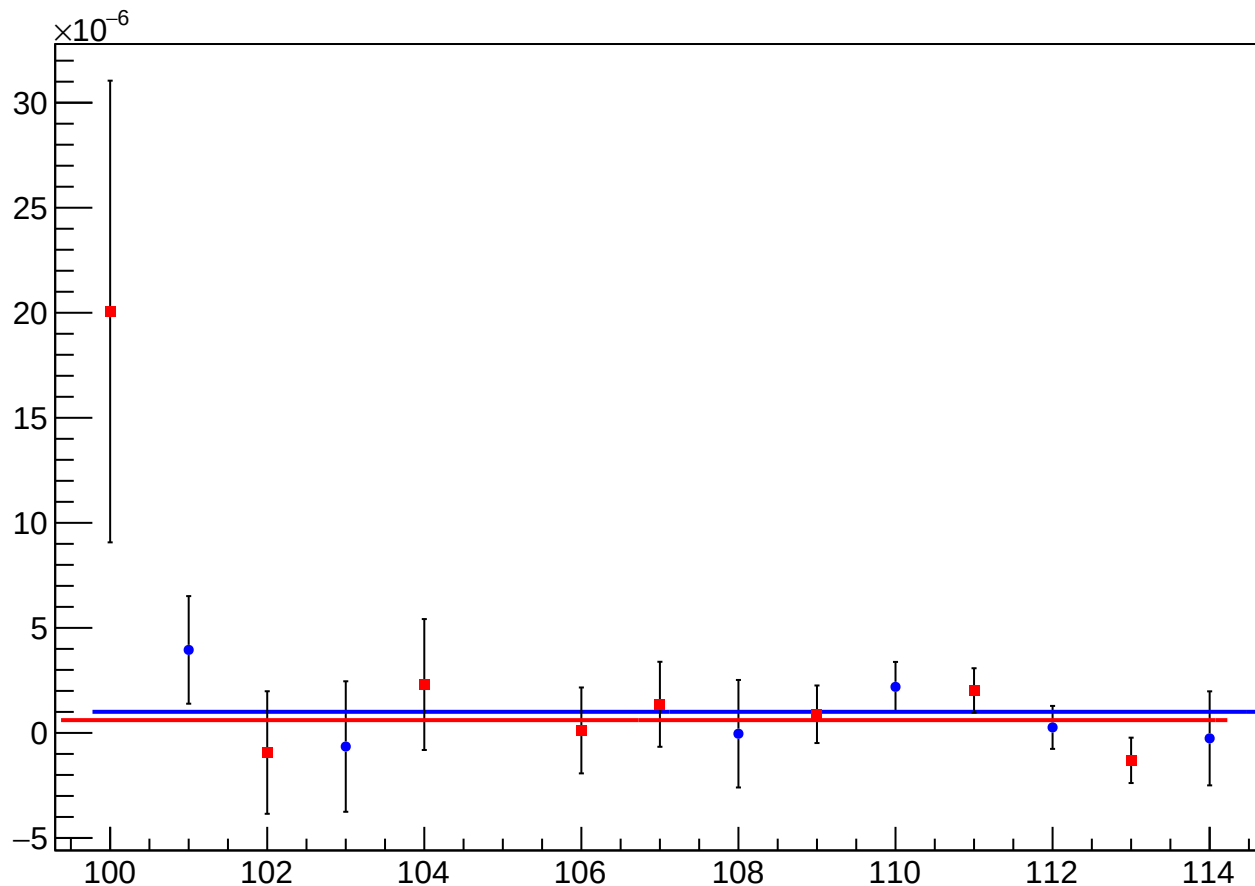
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.300+/-0.010 χ^2/NDF : 933260.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8.9/7

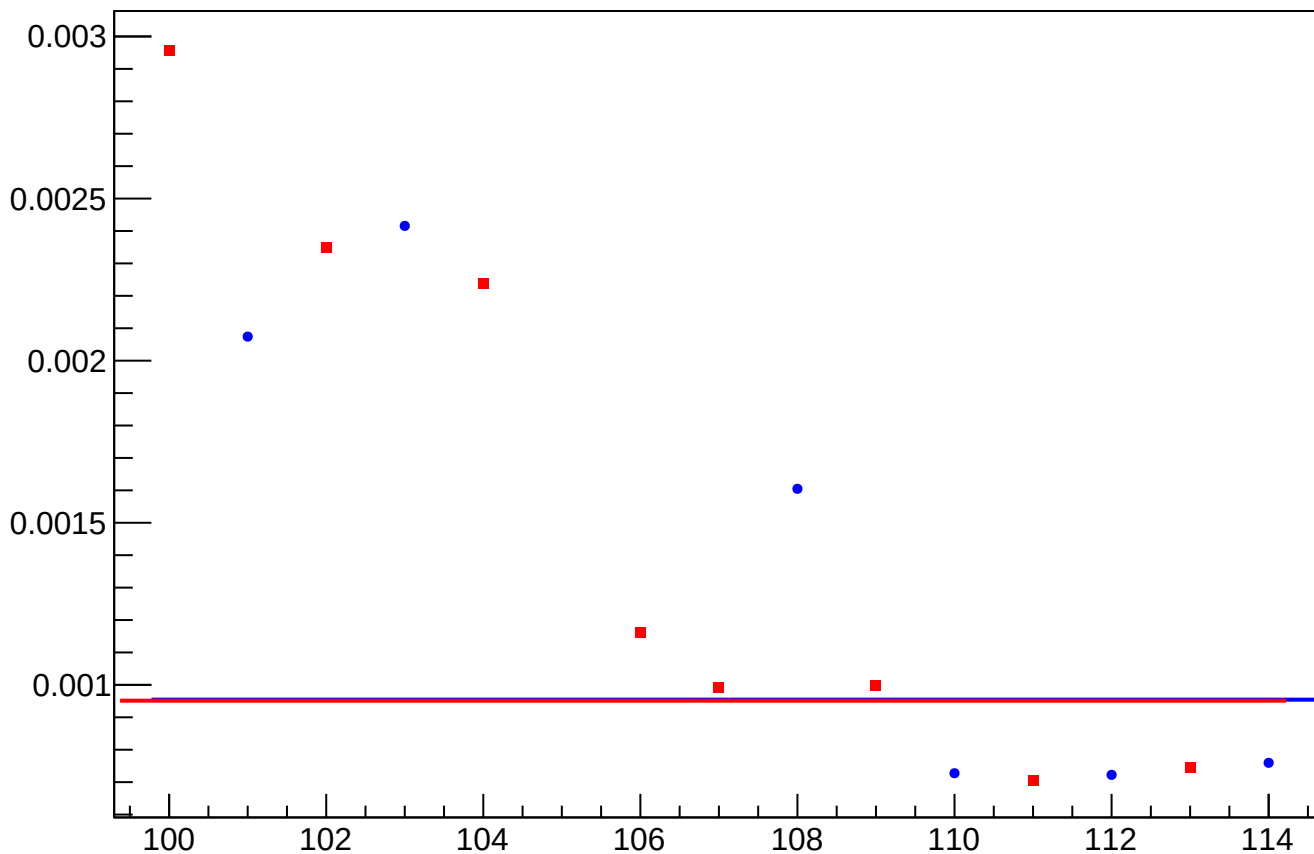
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1145268.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1074178.0/7

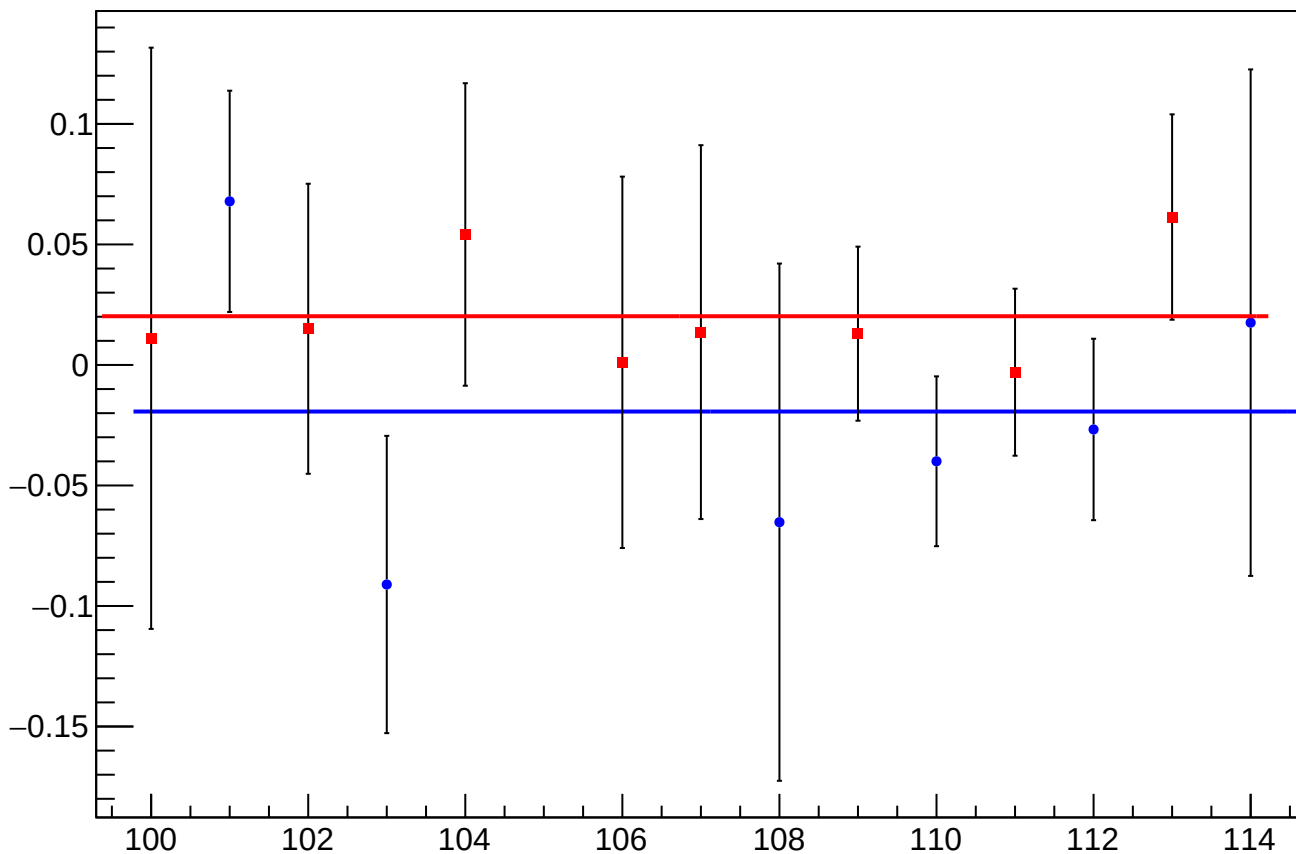
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2219472.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 5.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.020 $\pm$ 0.018 χ^2 /NDF: 1.8/7

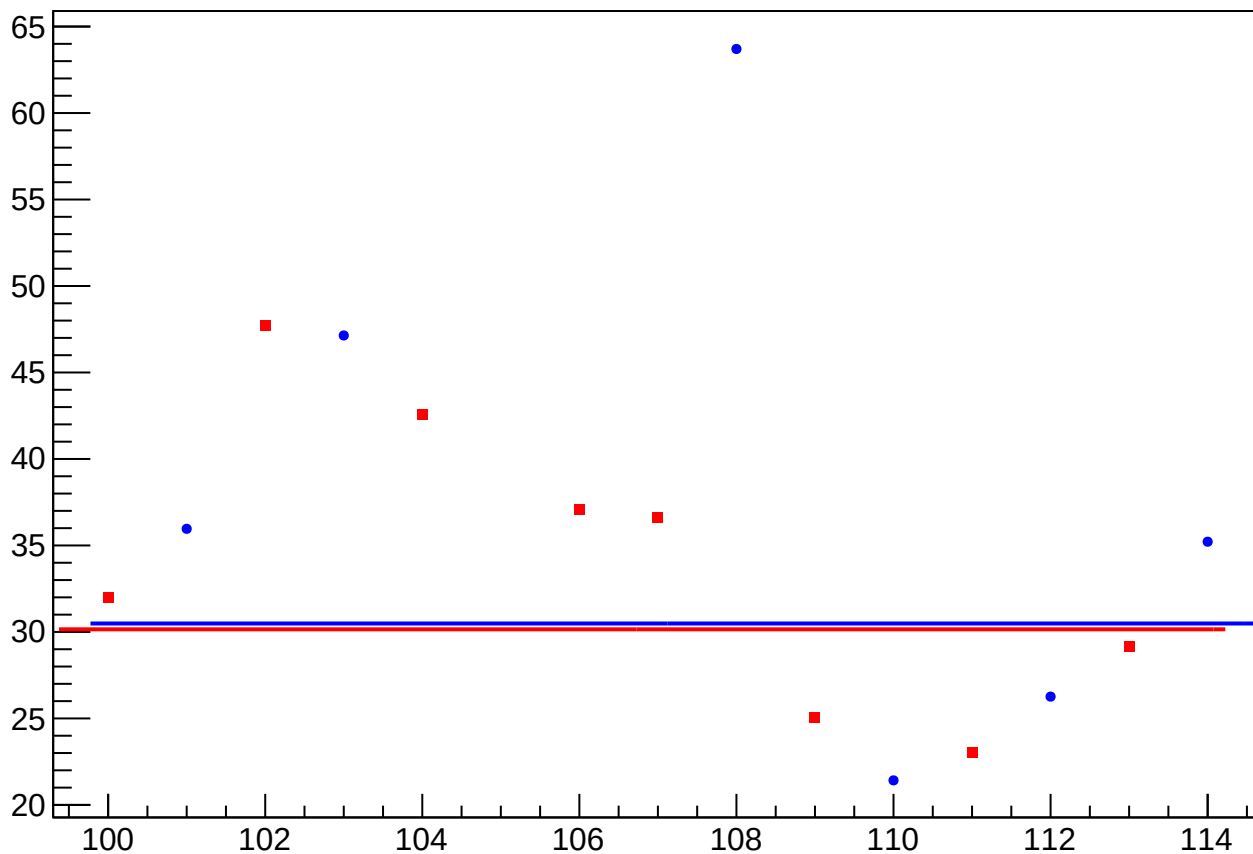
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.013 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 30.488 $\pm$ 0.014 χ^2 /NDF: 527729.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.152 $\pm$ 0.013 χ^2 /NDF: 405263.1/7

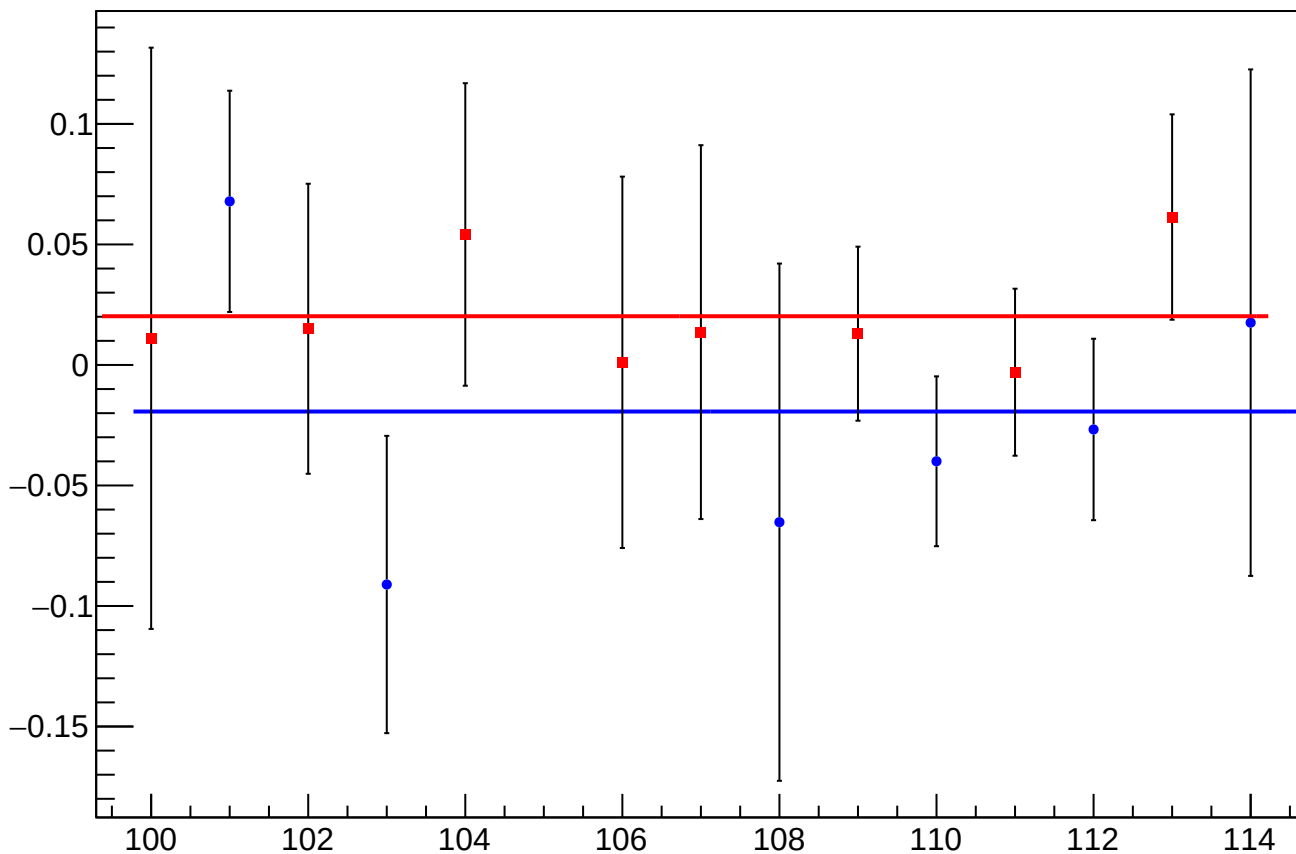
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.300 $\pm$ 0.010 χ^2 /NDF: 933299.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 5.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.020 $\pm$ 0.018 χ^2 /NDF: 1.8/7

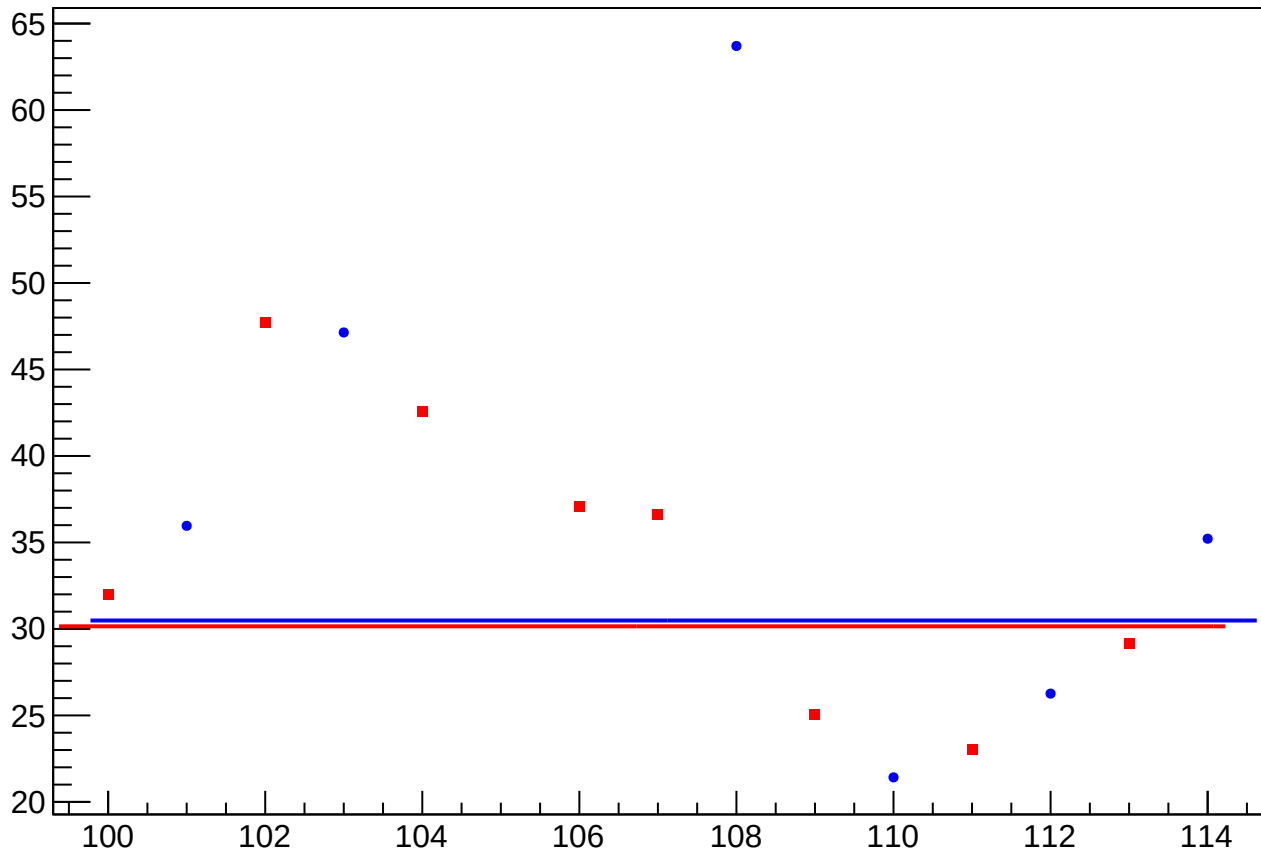
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.013 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.488 $\pm$ 0.014 χ^2 /NDF: 527729.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.152 $\pm$ 0.013 χ^2 /NDF: 405263.1/7

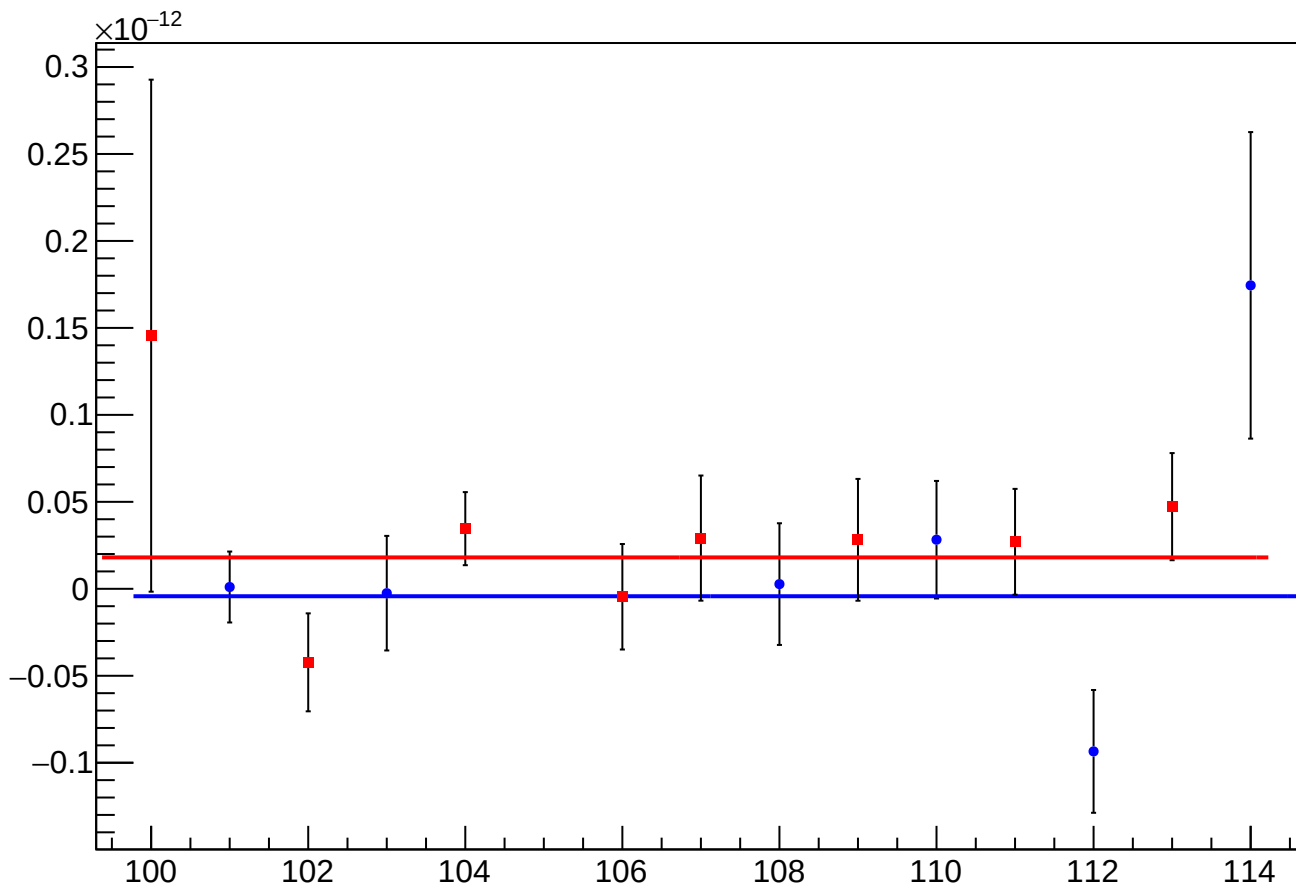
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.300 $\pm$ 0.010 χ^2 /NDF: 933299.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.7/7

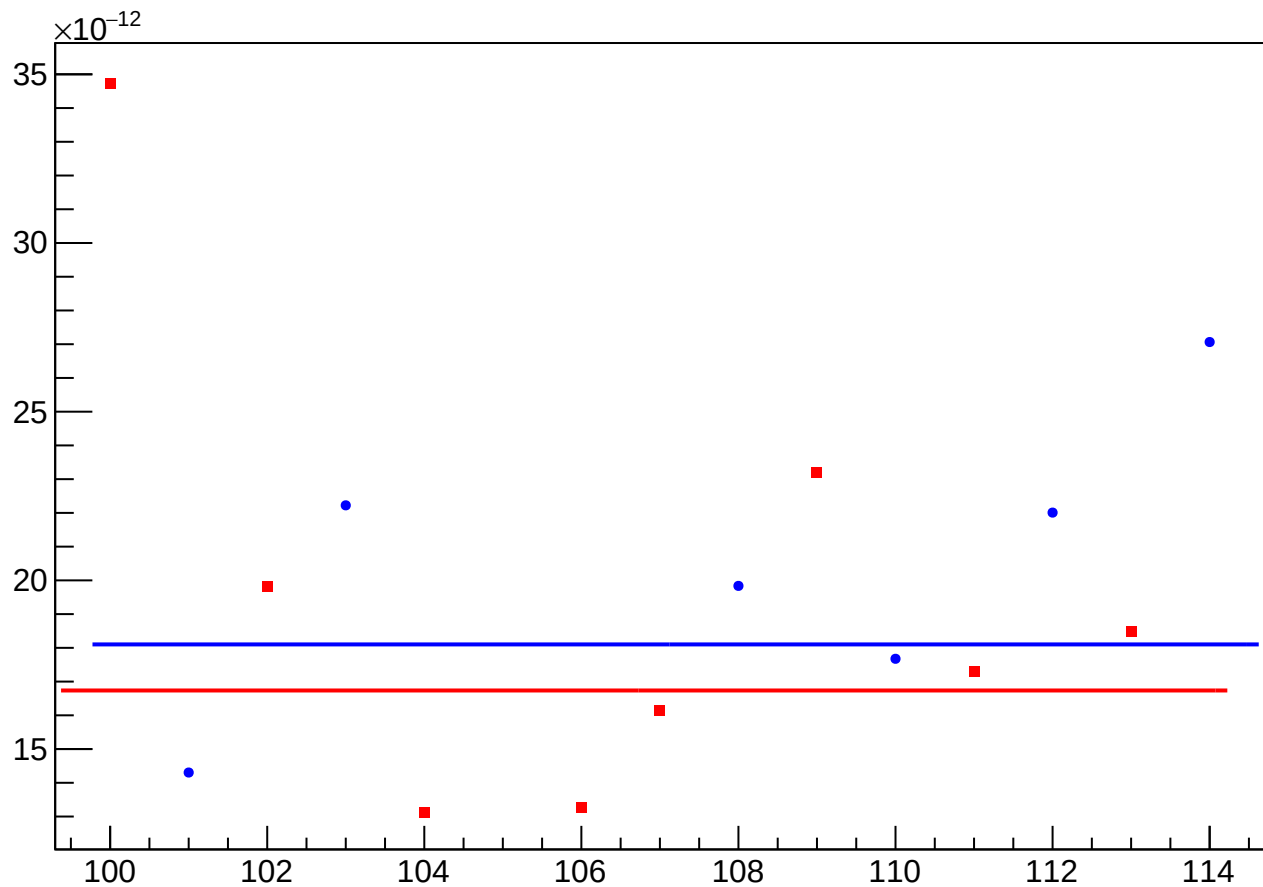
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 20.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 151133.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 214628.9/7

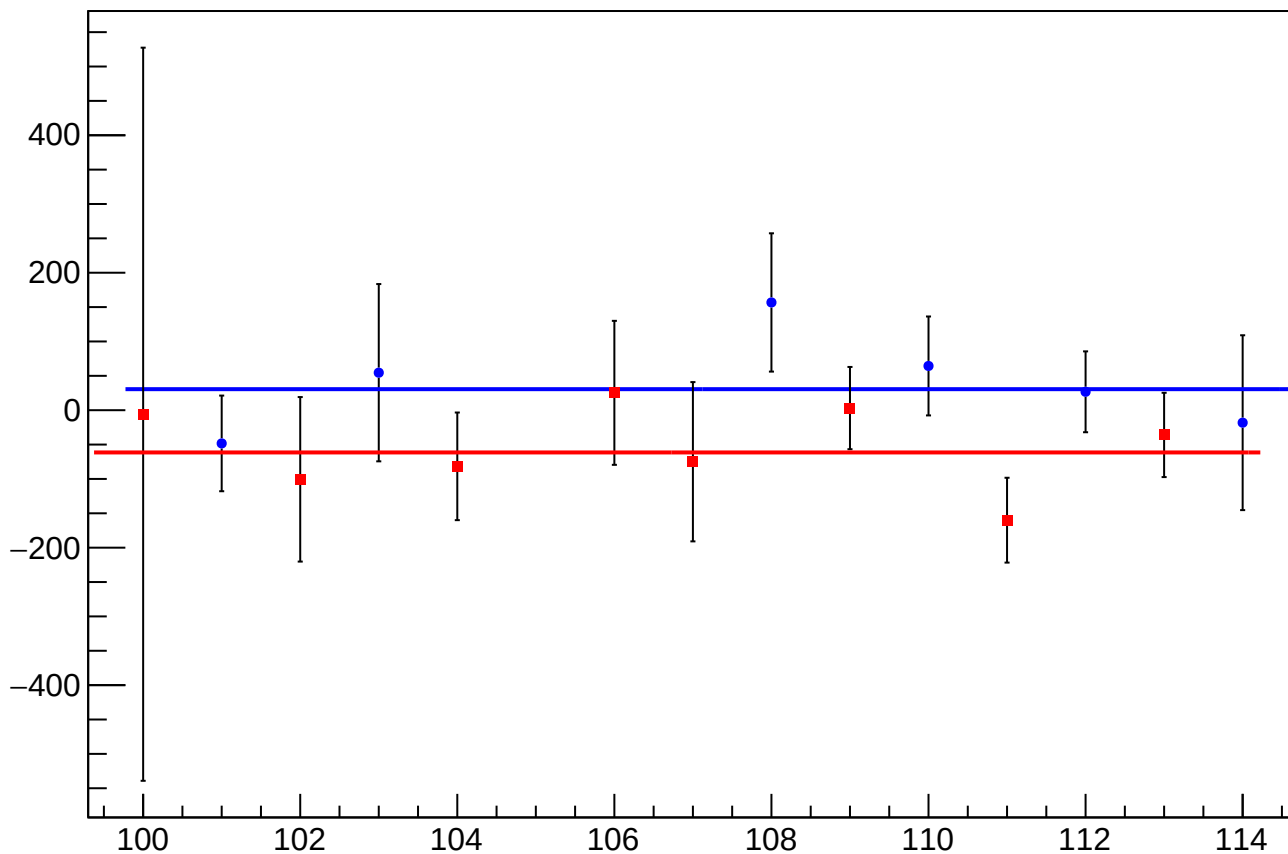
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 378740.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 30.601 $\pm$ 33.162 χ^2/NDF : 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -61.464 $\pm$ 28.749 χ^2/NDF : 4.8/7

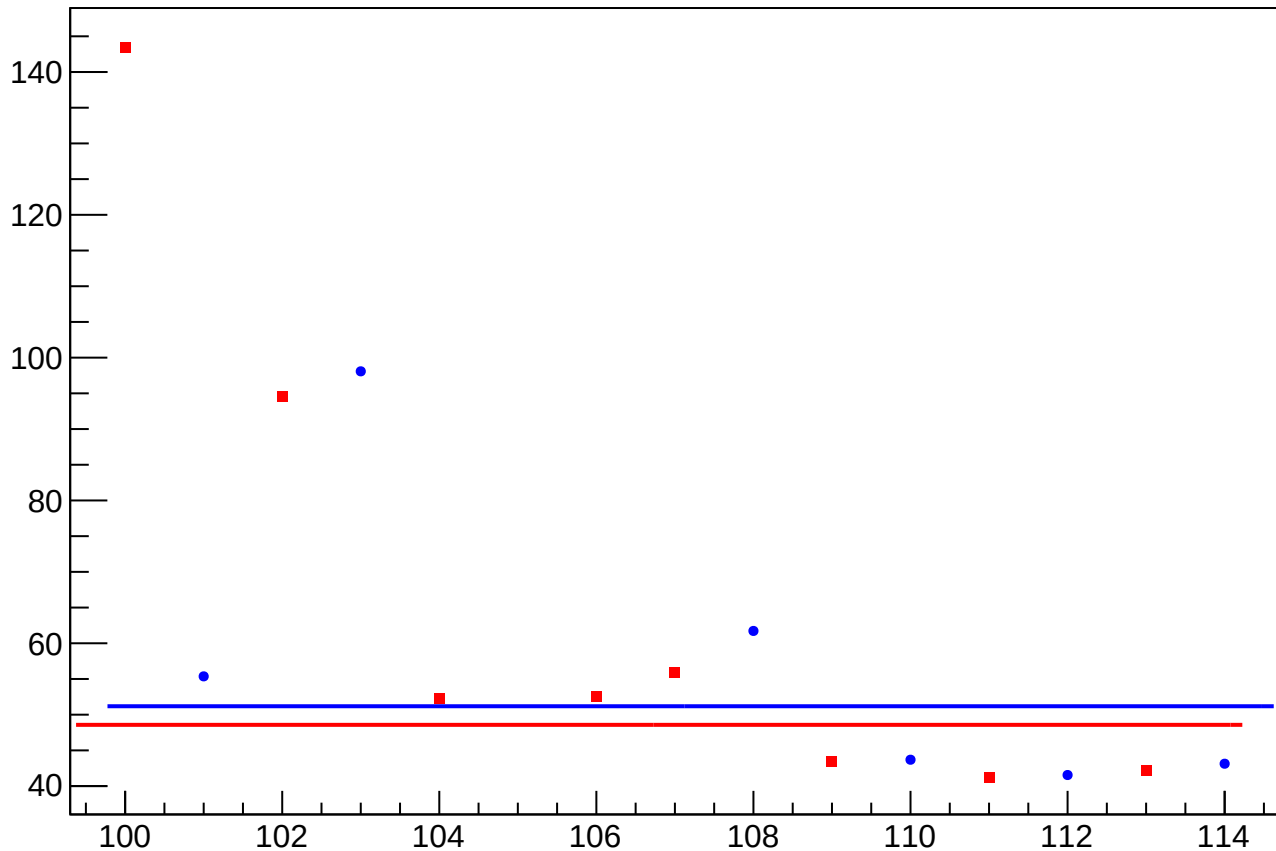
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -21.960 $\pm$ 21.722 χ^2/NDF : 12.4/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 51.182 $\pm$ 0.023 χ^2 /NDF: 377013.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.577 $\pm$ 0.020 χ^2 /NDF: 438174.2/7

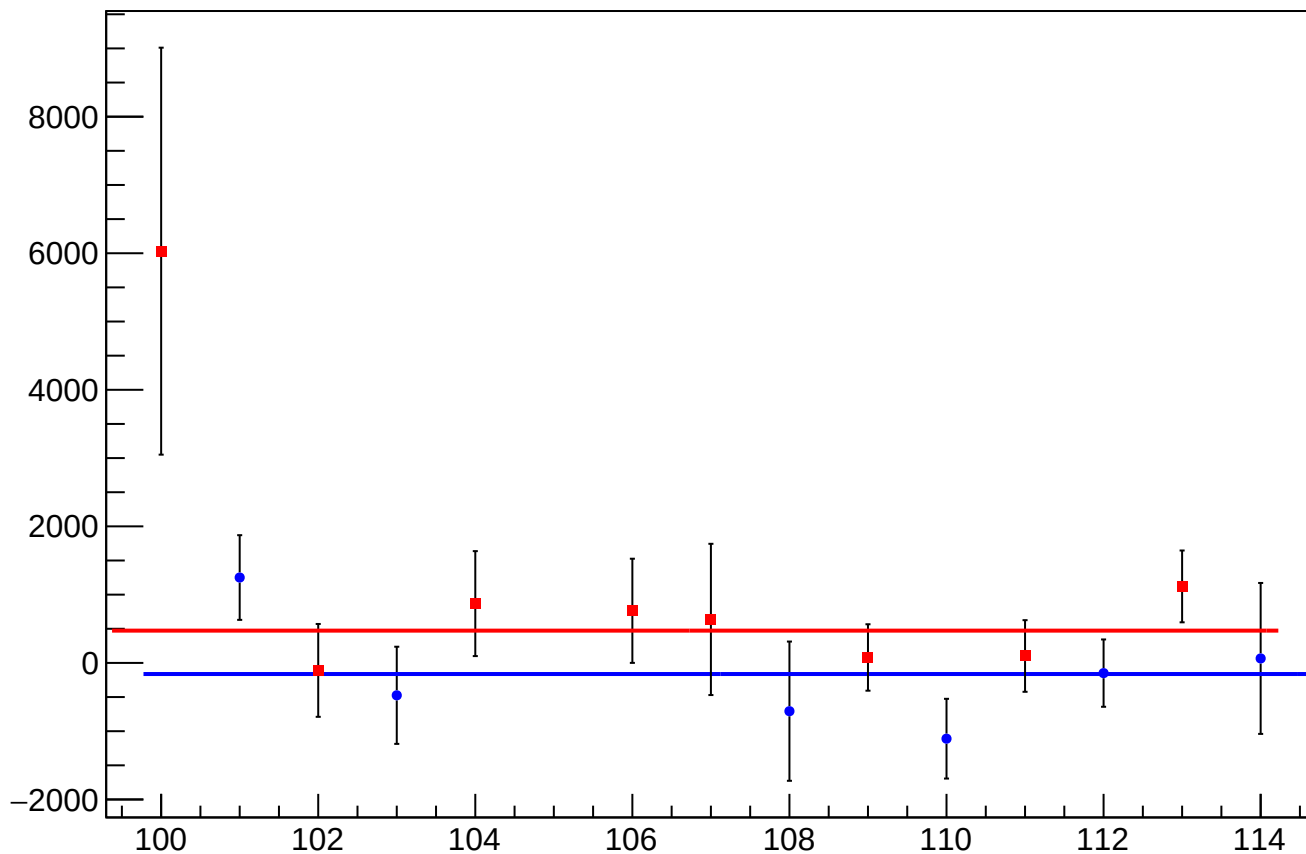
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.694 $\pm$ 0.015 χ^2 /NDF: 822234.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: -162.682 $\pm$ 273.162 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 472.932 $\pm$ 235.844 χ^2 /NDF: 7.3/7

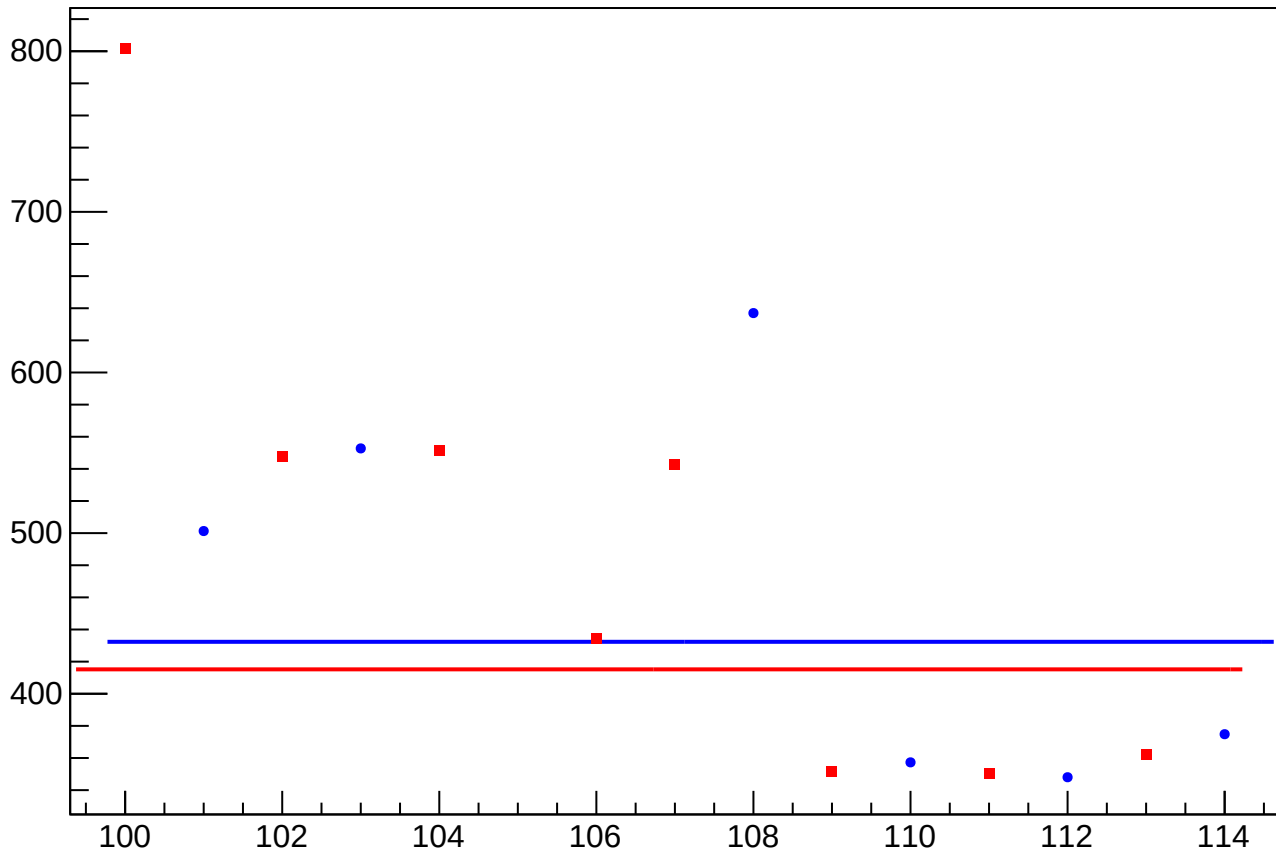
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 201.476 $\pm$ 178.514 χ^2 /NDF: 18.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 432.339+/-0.193 χ^2/NDF : 259493.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.189+/-0.167 χ^2/NDF : 285900.5/7

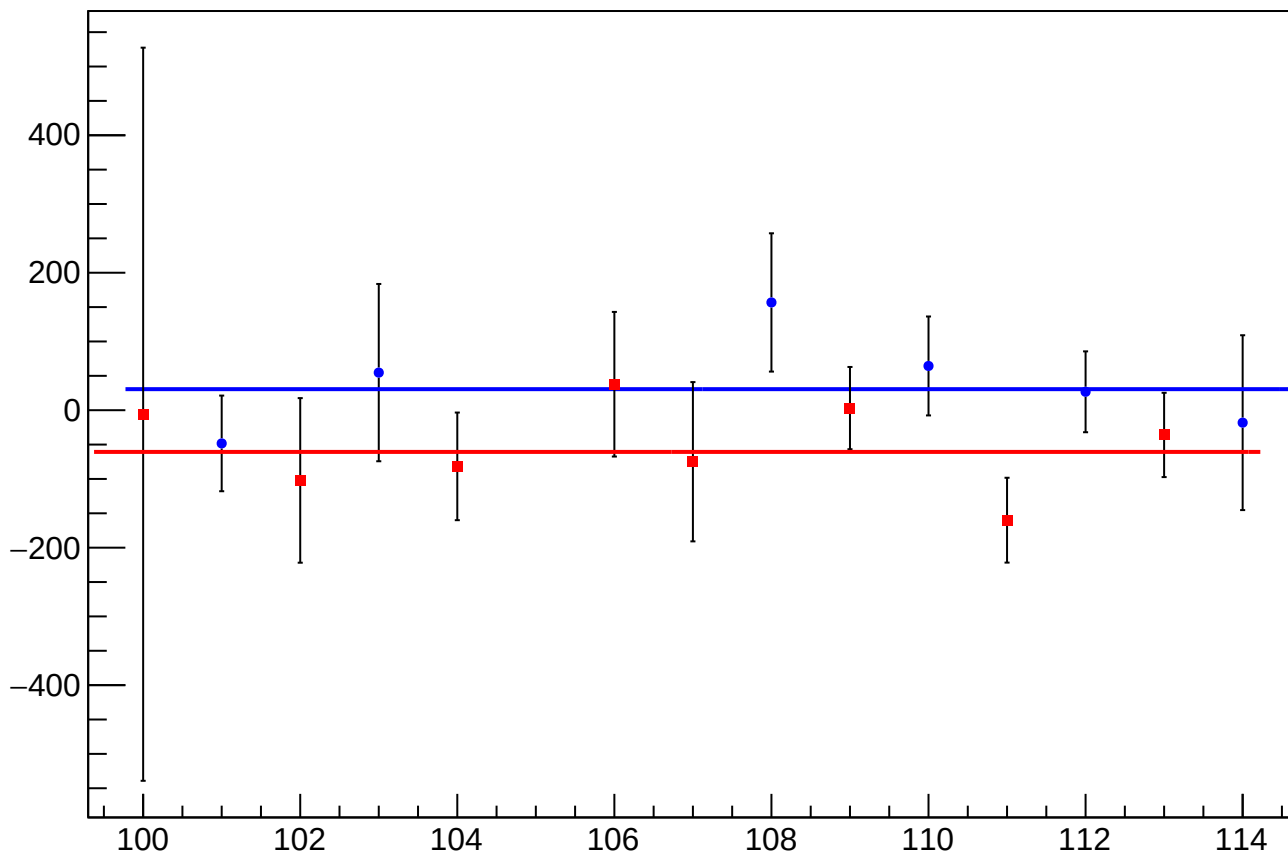
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.513+/-0.126 χ^2/NDF : 549910.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 30.619 $\pm$ 33.162 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -60.681 $\pm$ 28.759 χ^2 /NDF: 5.0/7

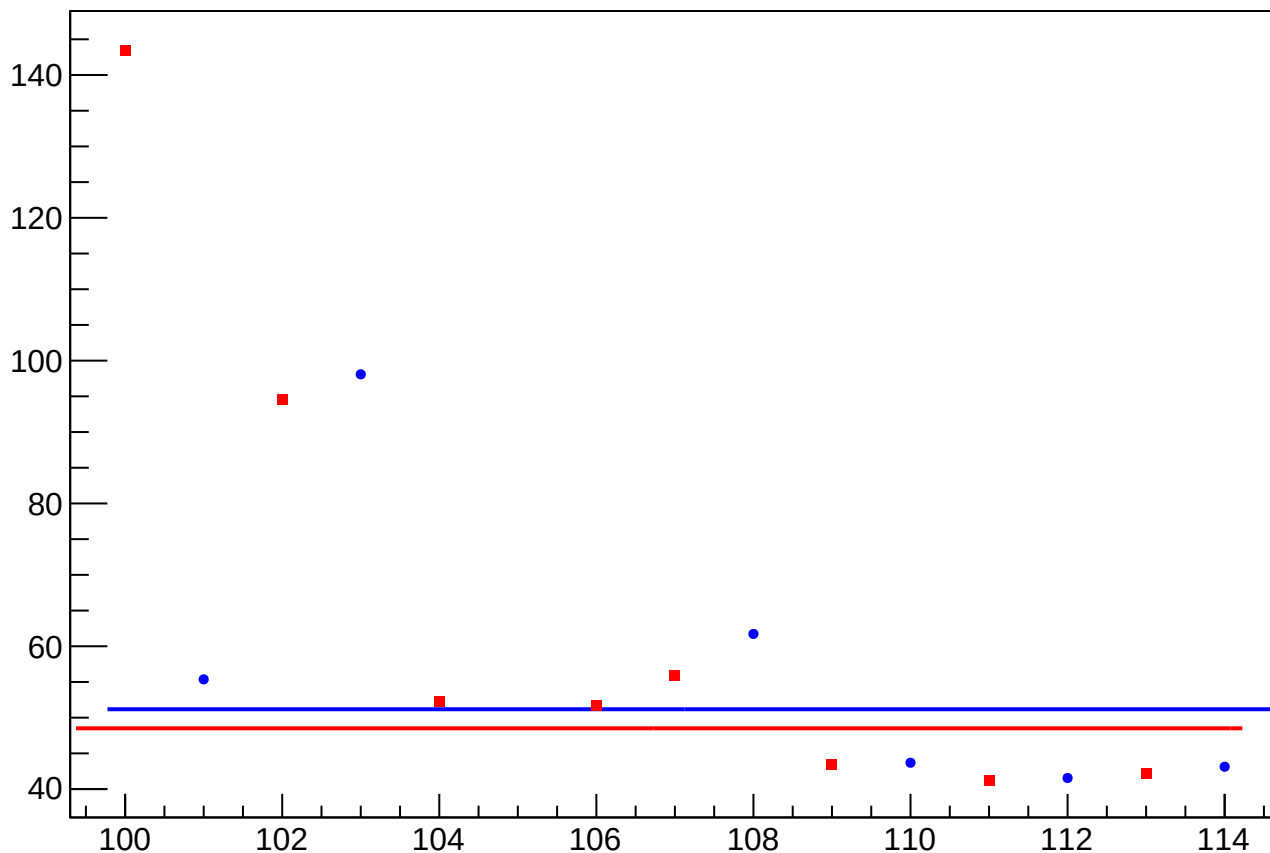
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.489 $\pm$ 21.727 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 51.182 $\pm$ 0.023 χ^2 /NDF: 377016.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.513 $\pm$ 0.020 χ^2 /NDF: 437335.0/7

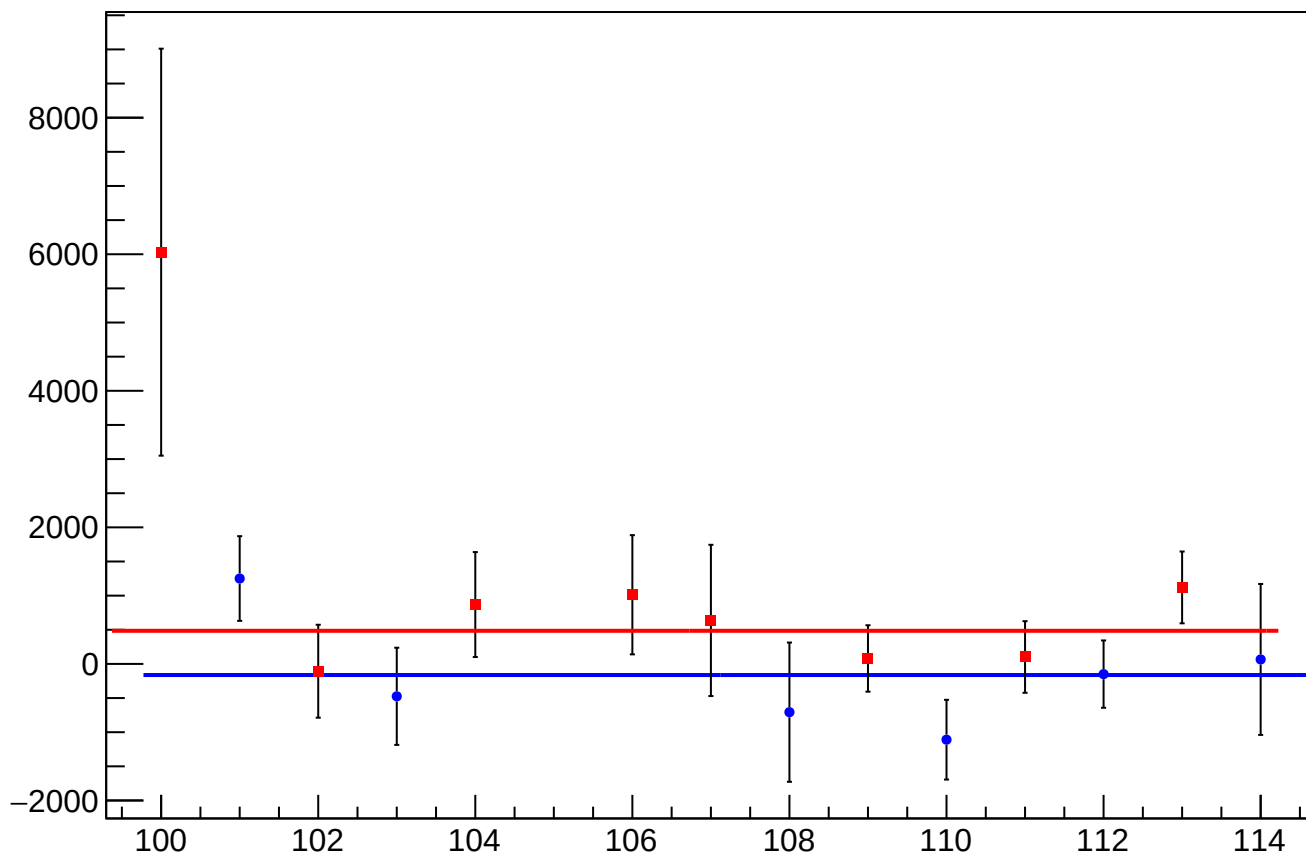
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.658 $\pm$ 0.015 χ^2 /NDF: 821744.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: -162.681+/-273.166 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.322+/-238.578 χ^2/NDF : 7.5/7

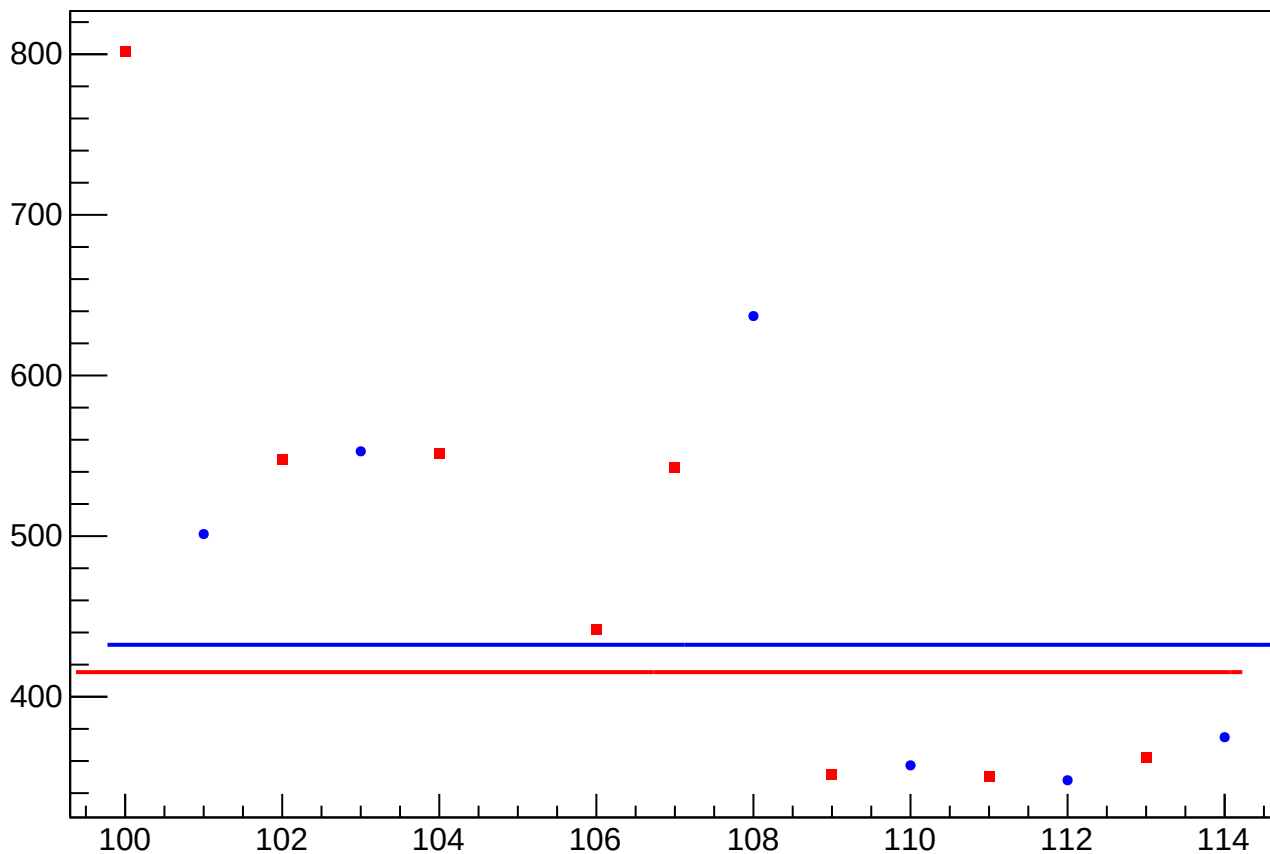
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.918+/-179.692 χ^2/NDF : 19.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 432.343+/-0.193 χ^2/NDF : 259534.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.321+/-0.169 χ^2/NDF : 286819.9/7

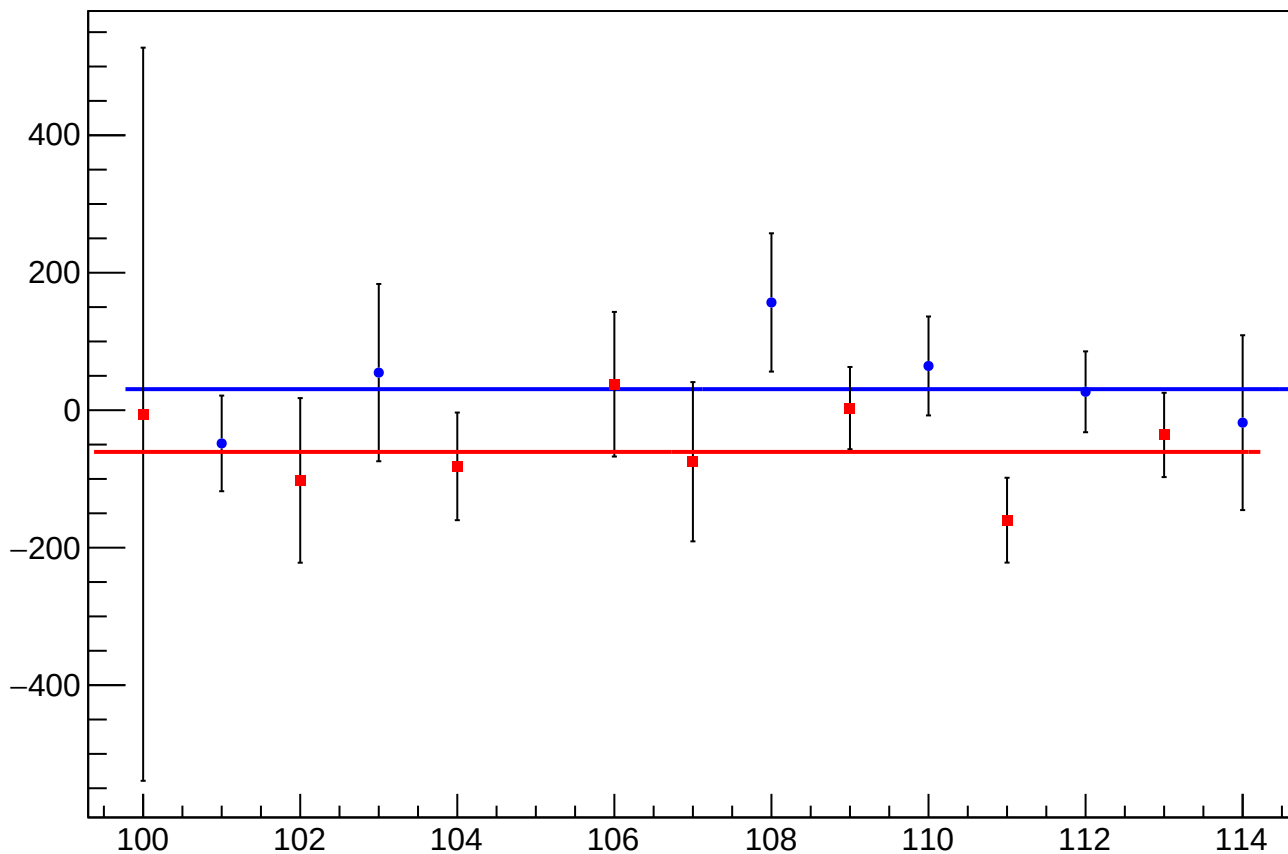
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.687+/-0.127 χ^2/NDF : 550759.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



Right In: 30.619+/-33.162 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.681+/-28.759 χ^2/NDF : 5.0/7

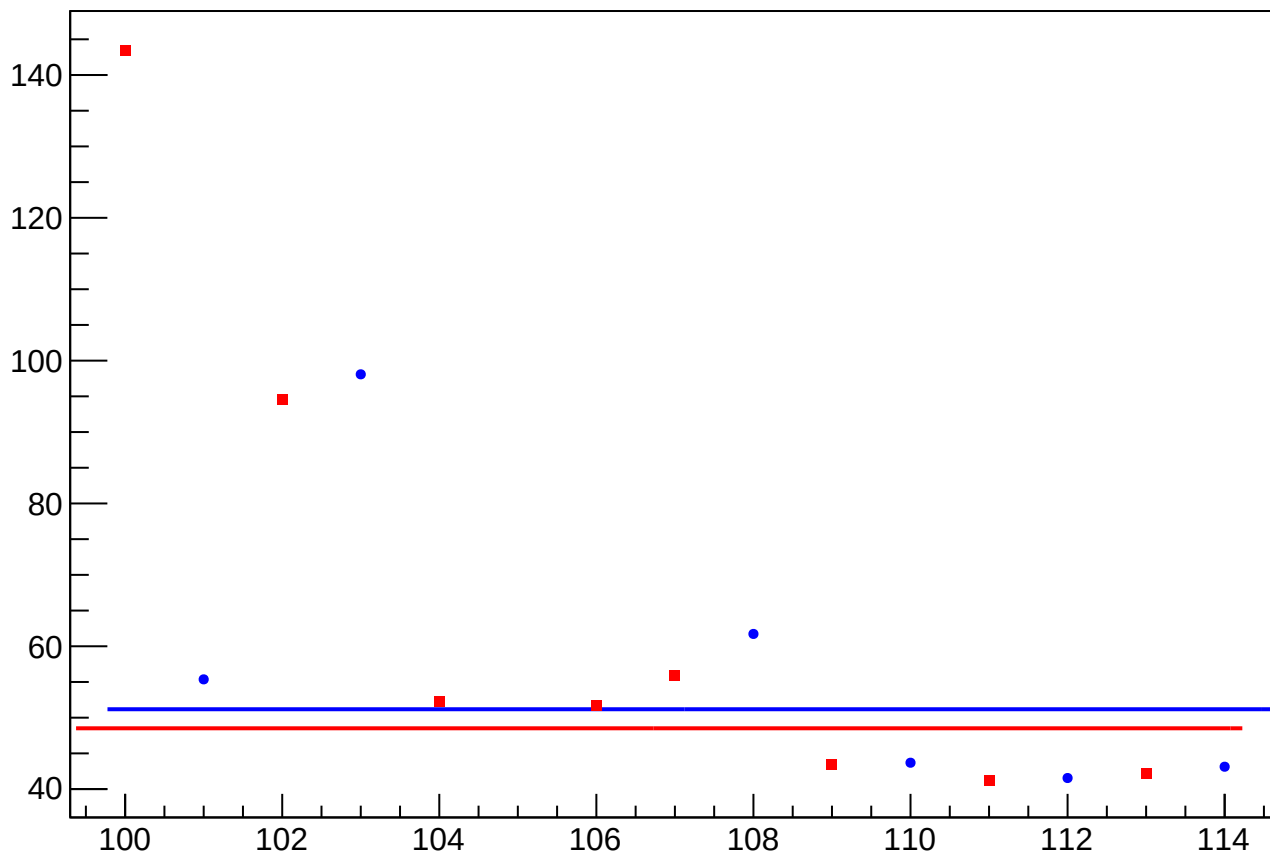
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.489+/-21.727 χ^2/NDF : 12.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 51.182 $\pm$ 0.023 χ^2 /NDF: 377016.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.513 $\pm$ 0.020 χ^2 /NDF: 437335.0/7

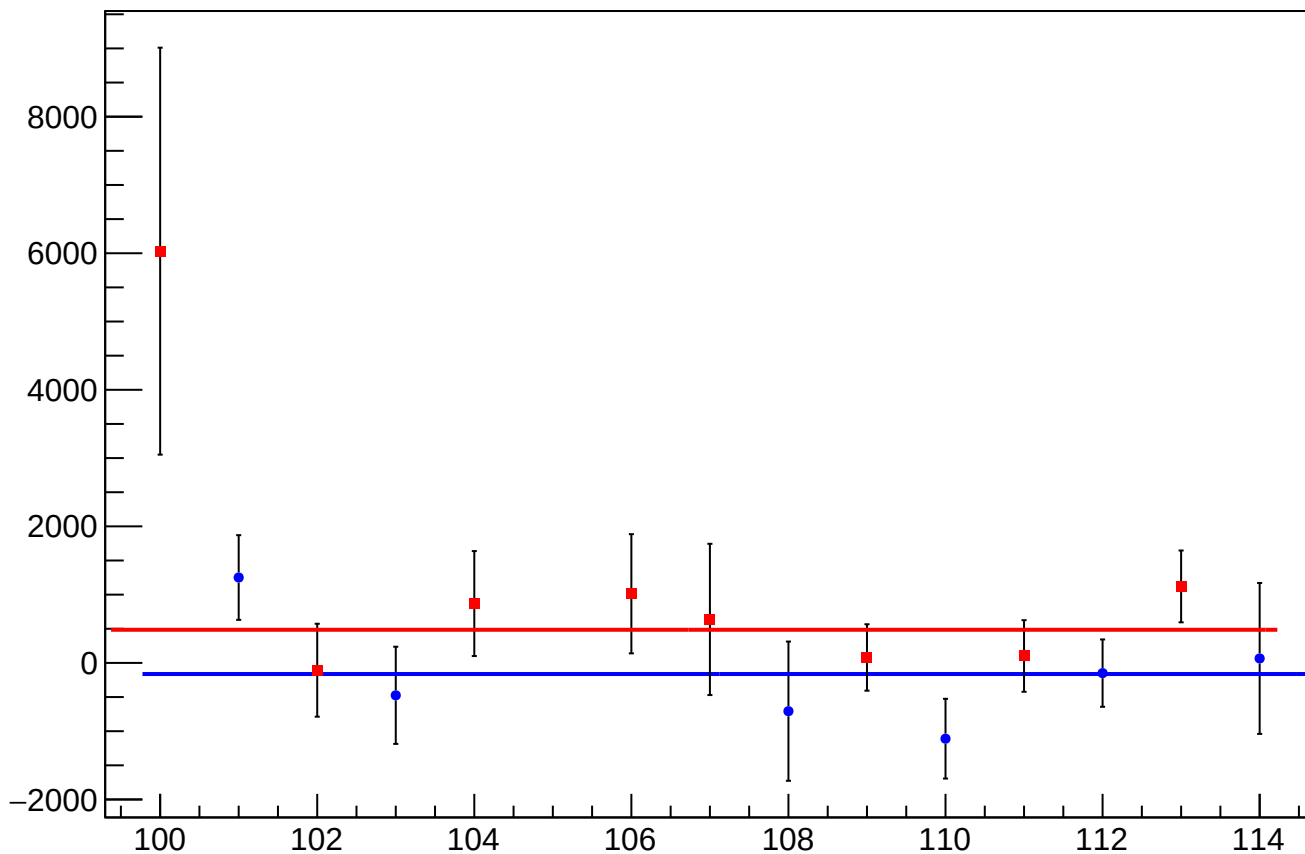
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.658 $\pm$ 0.015 χ^2 /NDF: 821744.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug



Right In: -162.681+/-273.166 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.322+/-238.578 χ^2/NDF : 7.5/7

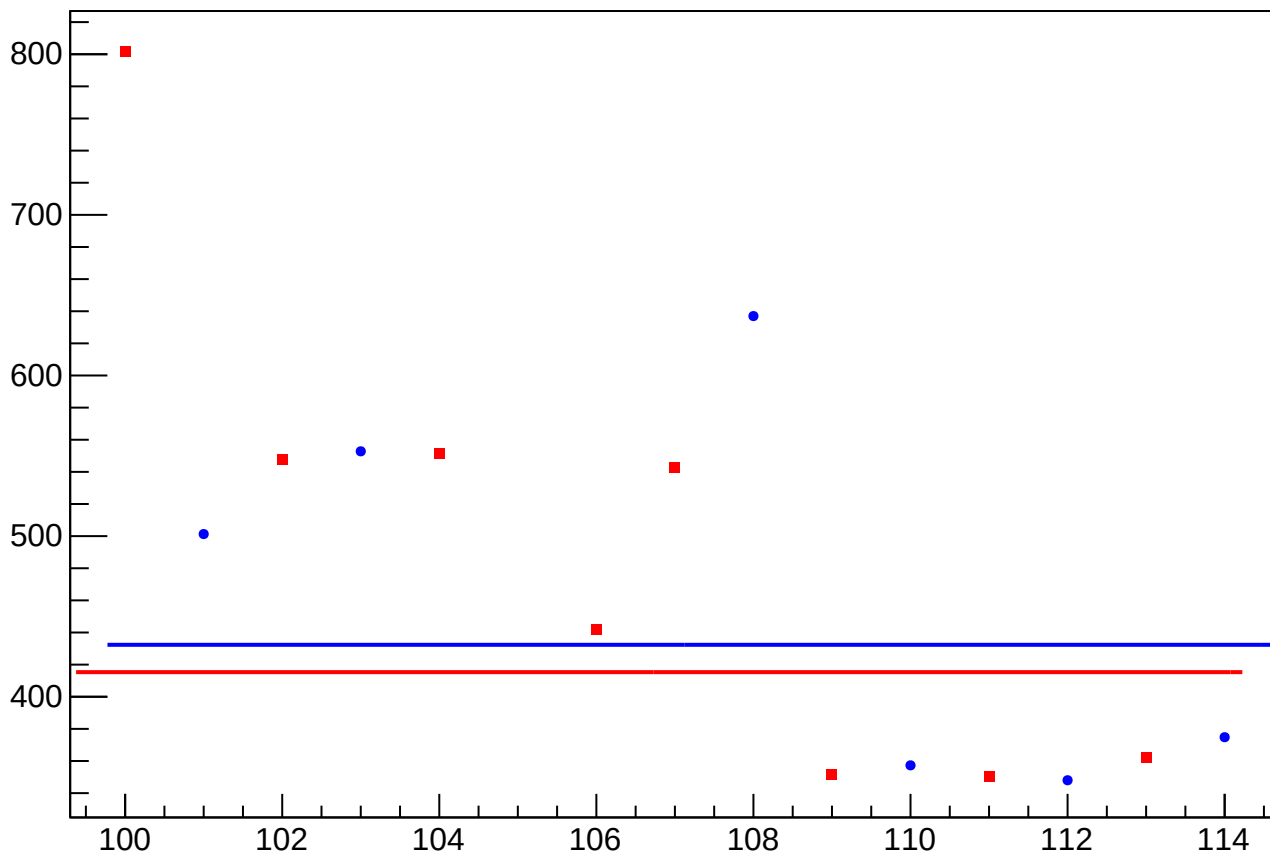
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.918+/-179.692 χ^2/NDF : 19.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug



Right In: 432.343+/-0.193 χ^2/NDF : 259534.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.321+/-0.169 χ^2/NDF : 286819.9/7

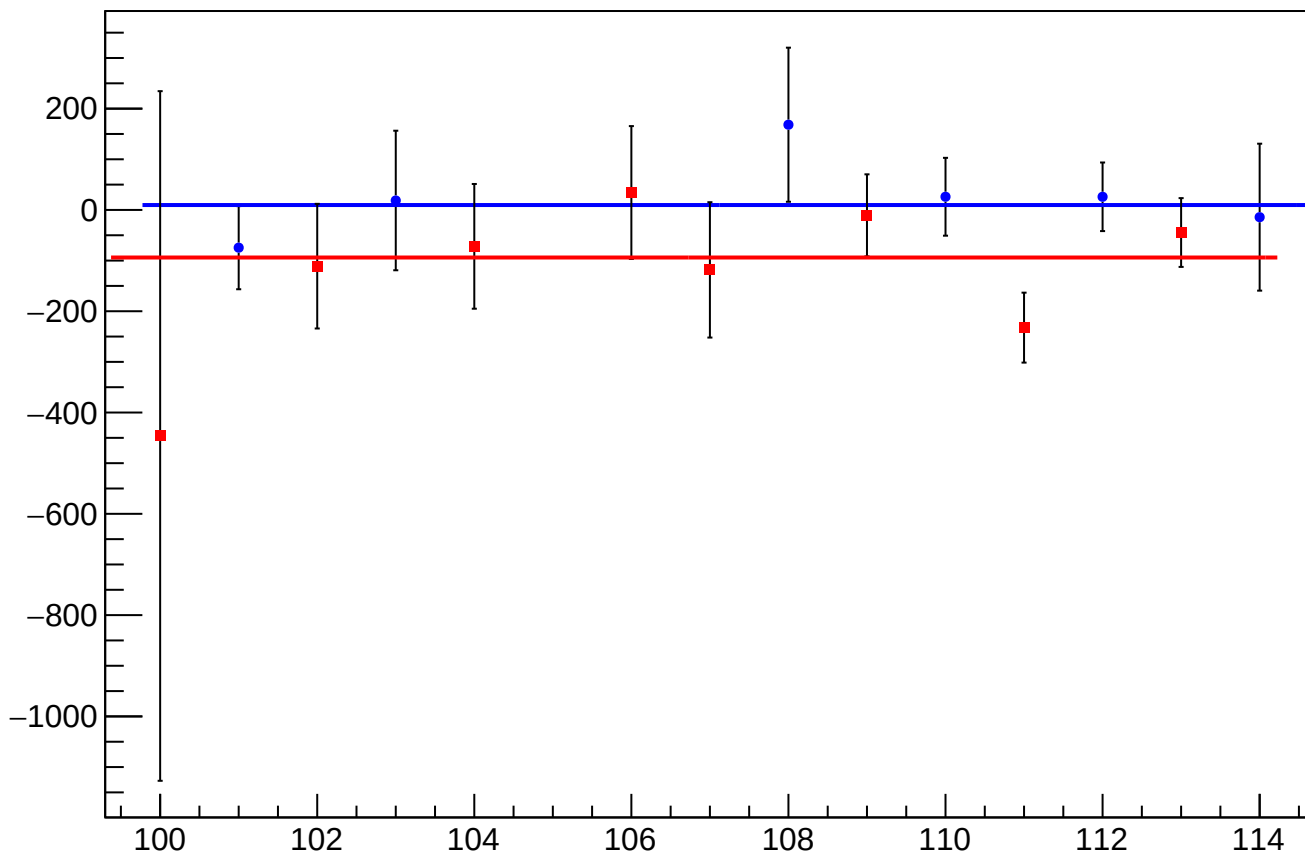
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.687+/-0.127 χ^2/NDF : 550759.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 9.682 $\pm$ 38.370 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -93.925 $\pm$ 34.769 χ^2 /NDF: 6.9/7

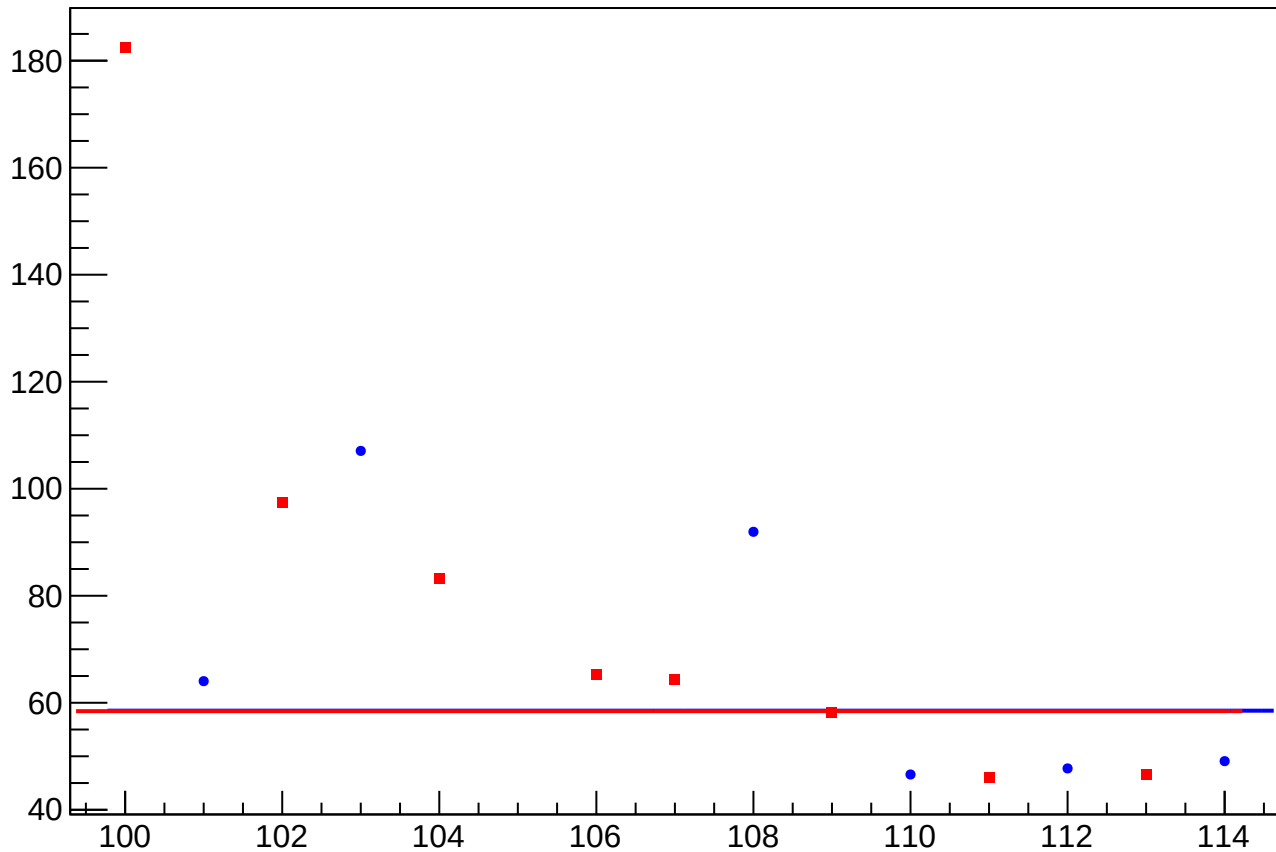
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.210 $\pm$ 25.765 χ^2 /NDF: 13.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 58.522 $\pm$ 0.027 χ^2 /NDF: 461430.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.435 $\pm$ 0.025 χ^2 /NDF: 481668.5/7

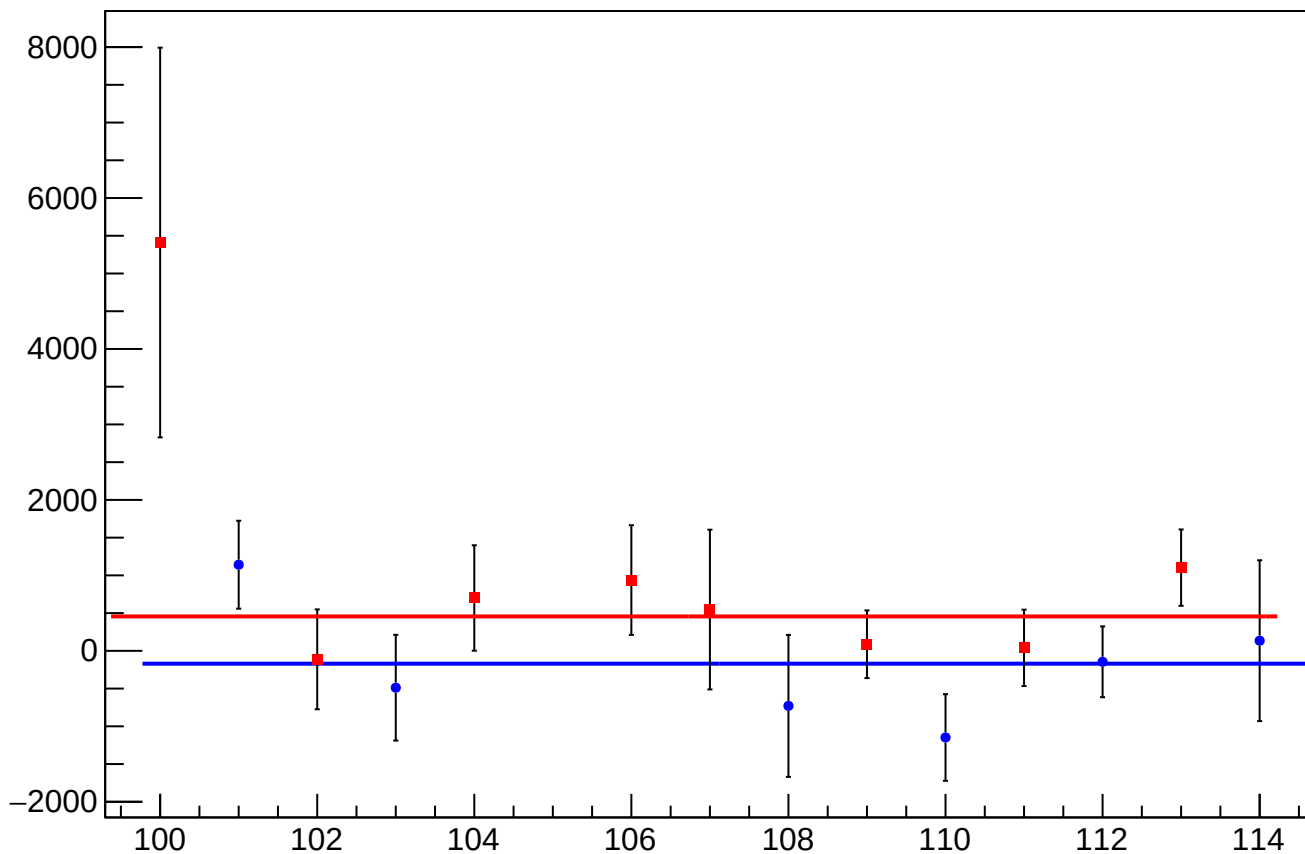
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.474 $\pm$ 0.018 χ^2 /NDF: 943104.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: -170.144+/-261.929 χ^2/NDF : 8.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.111+/-223.281 χ^2/NDF : 8.0/7

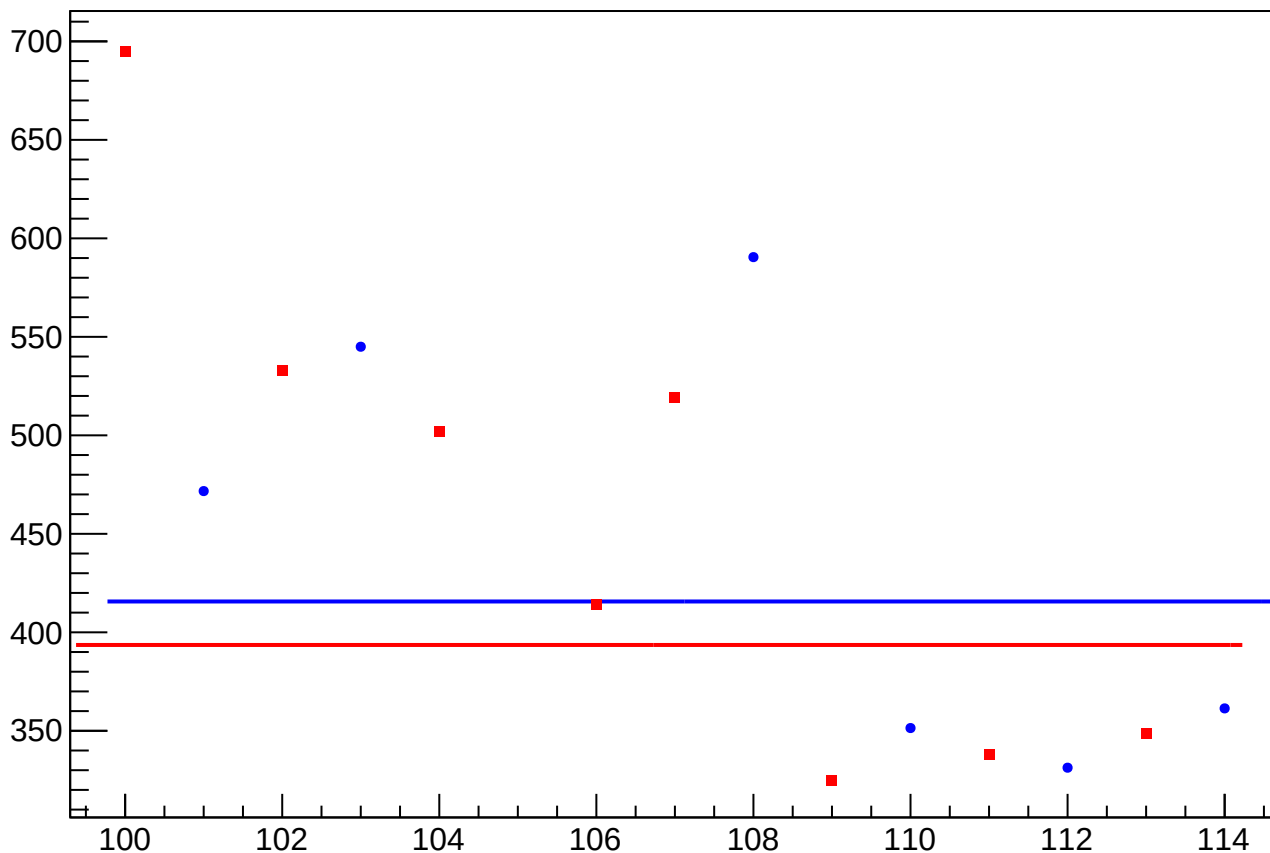
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.551+/-169.921 χ^2/NDF : 19.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 415.656 $\pm$ 0.185 χ^2 /NDF: 250694.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 393.581 $\pm$ 0.158 χ^2 /NDF: 280817.0/7

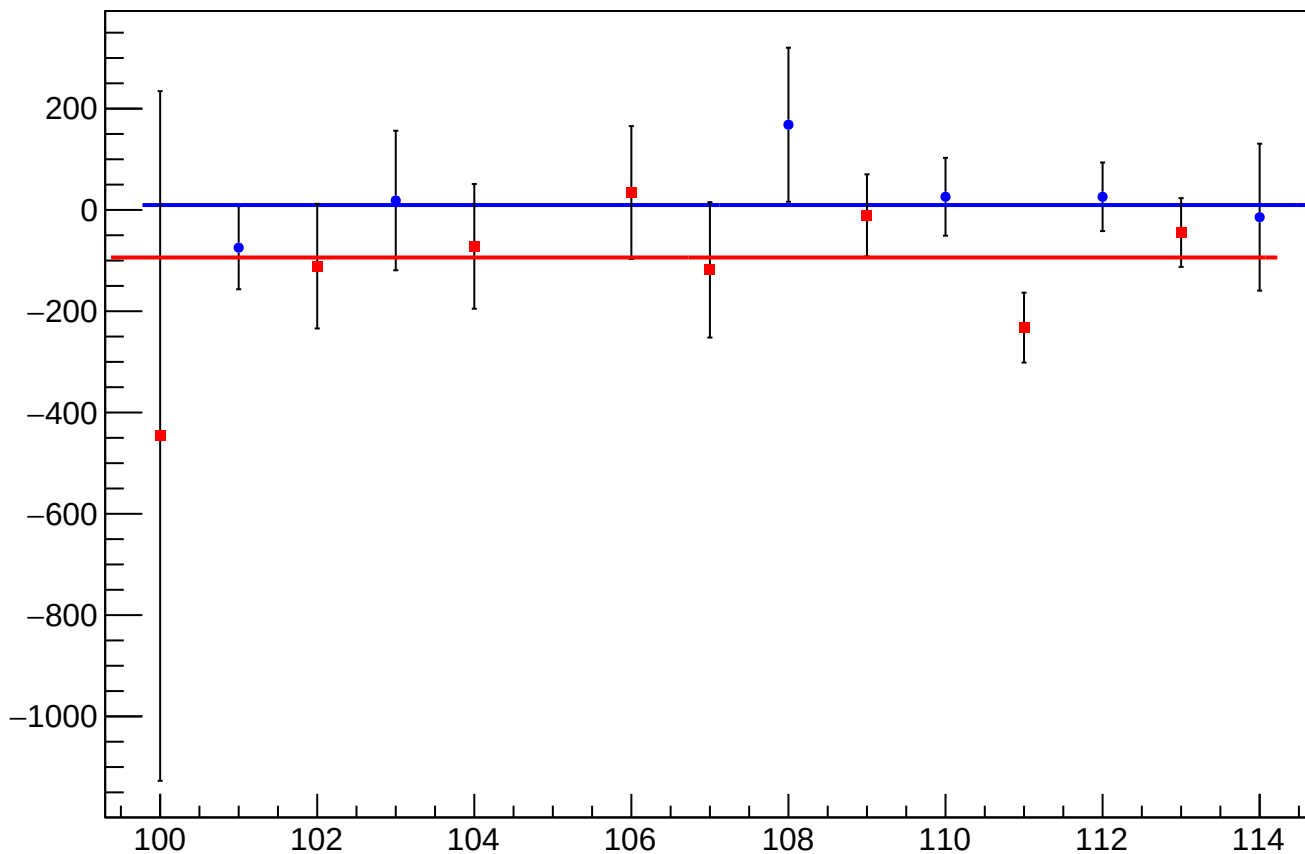
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 402.871 $\pm$ 0.120 χ^2 /NDF: 539739.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: 9.682 $\pm$ 38.370 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -93.926 $\pm$ 34.770 χ^2 /NDF: 6.9/7

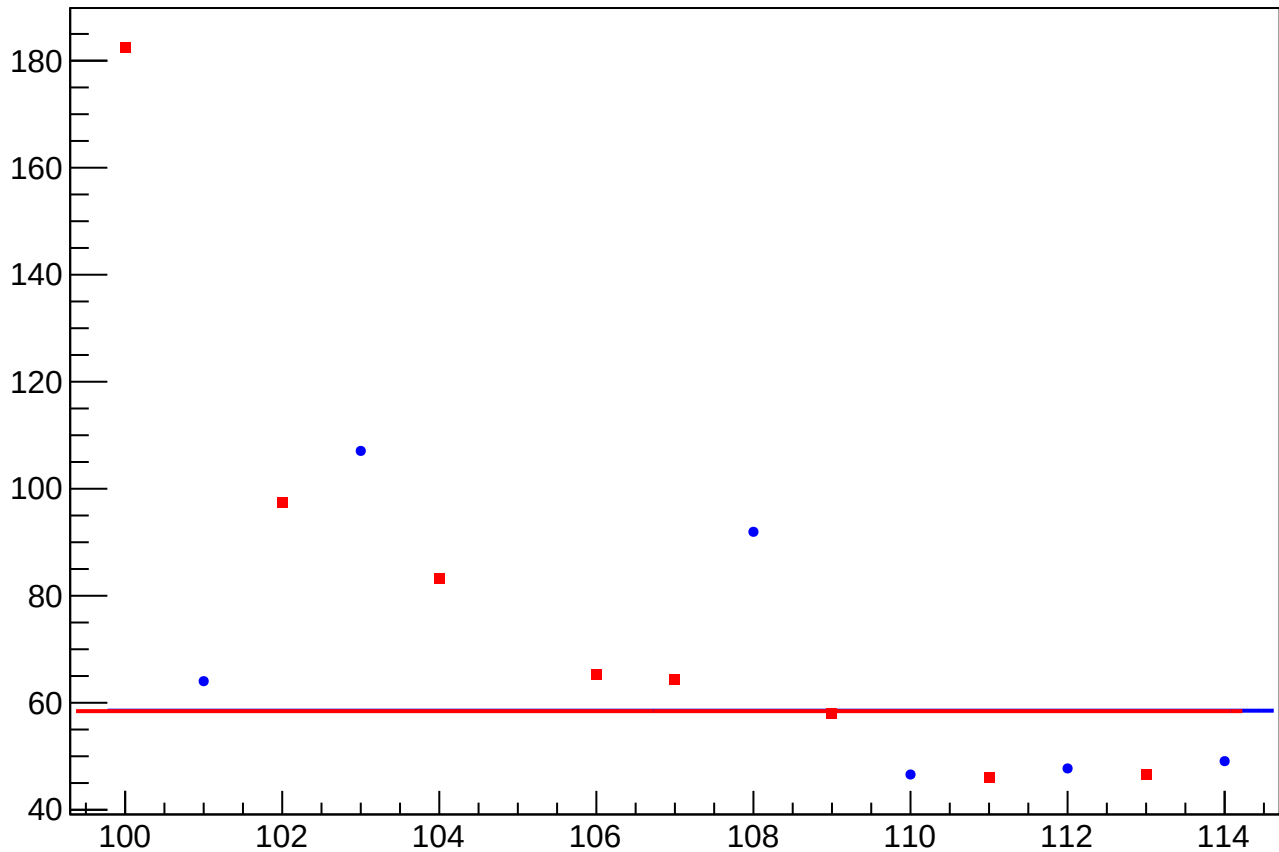
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.211 $\pm$ 25.765 χ^2 /NDF: 13.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 58.522 $\pm$ 0.027 χ^2 /NDF: 461427.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.435 $\pm$ 0.025 χ^2 /NDF: 481665.9/7

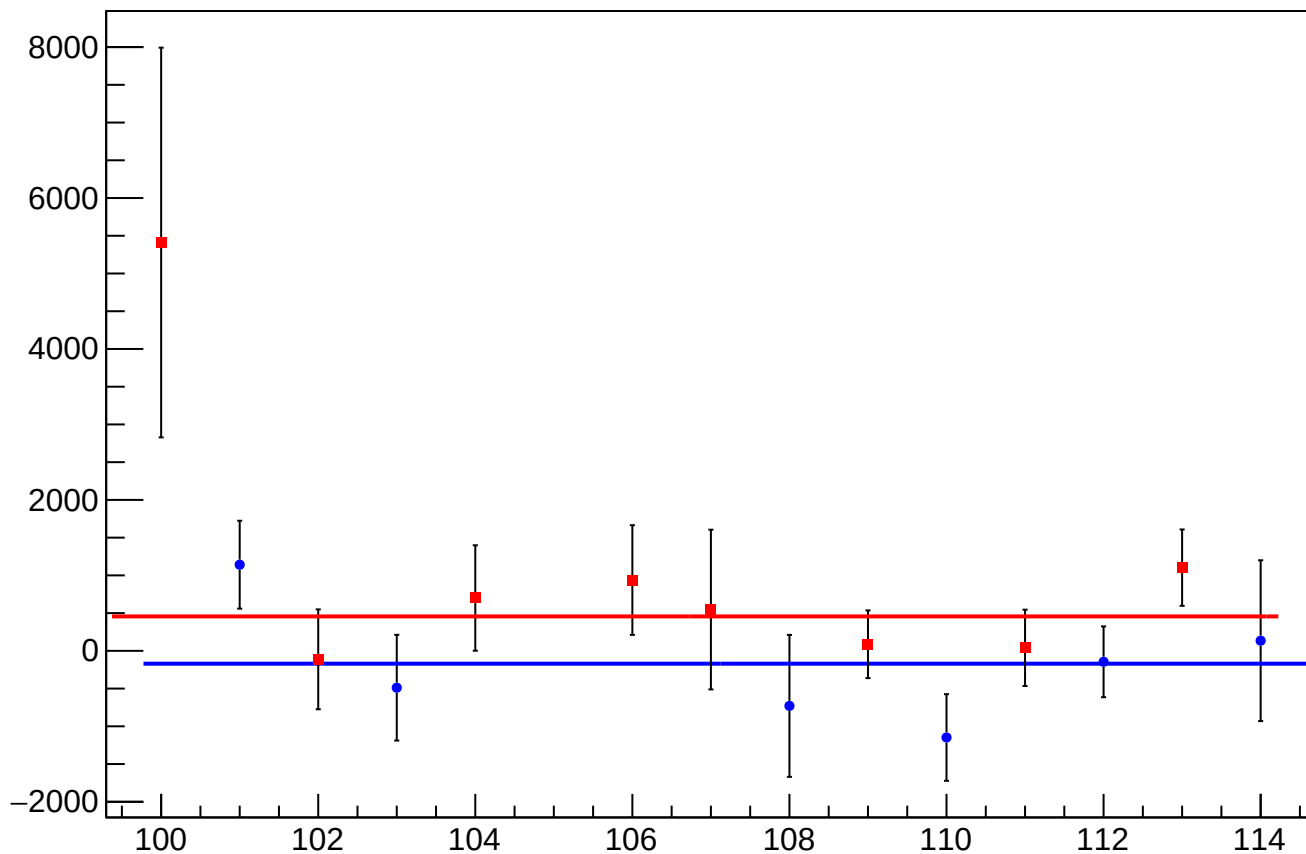
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.475 $\pm$ 0.018 χ^2 /NDF: 943098.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



Right In: -170.143+/-261.928 χ^2/NDF : 8.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.110+/-223.281 χ^2/NDF : 8.0/7

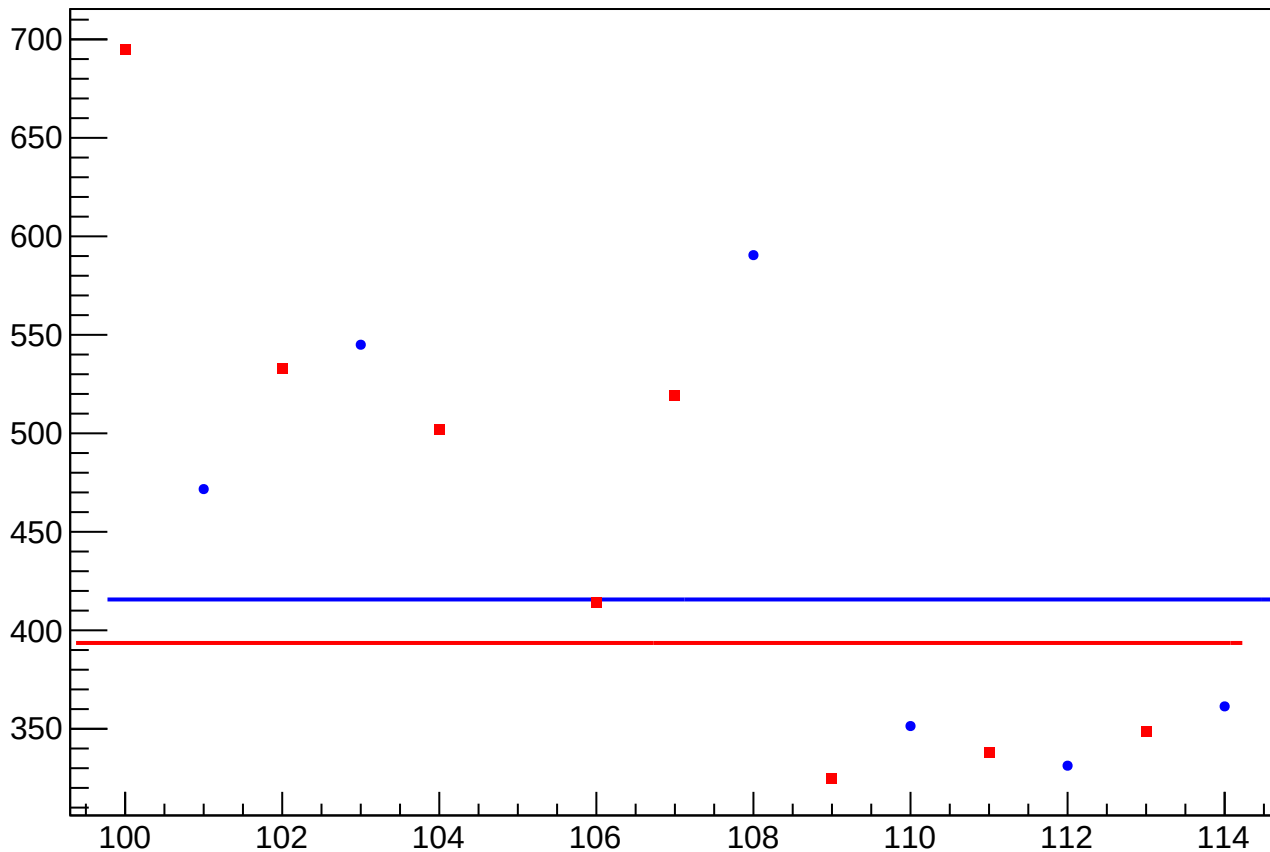
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.550+/-169.921 χ^2/NDF : 19.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 415.655+/-0.185 χ^2/NDF : 250694.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.580+/-0.158 χ^2/NDF : 280815.1/7

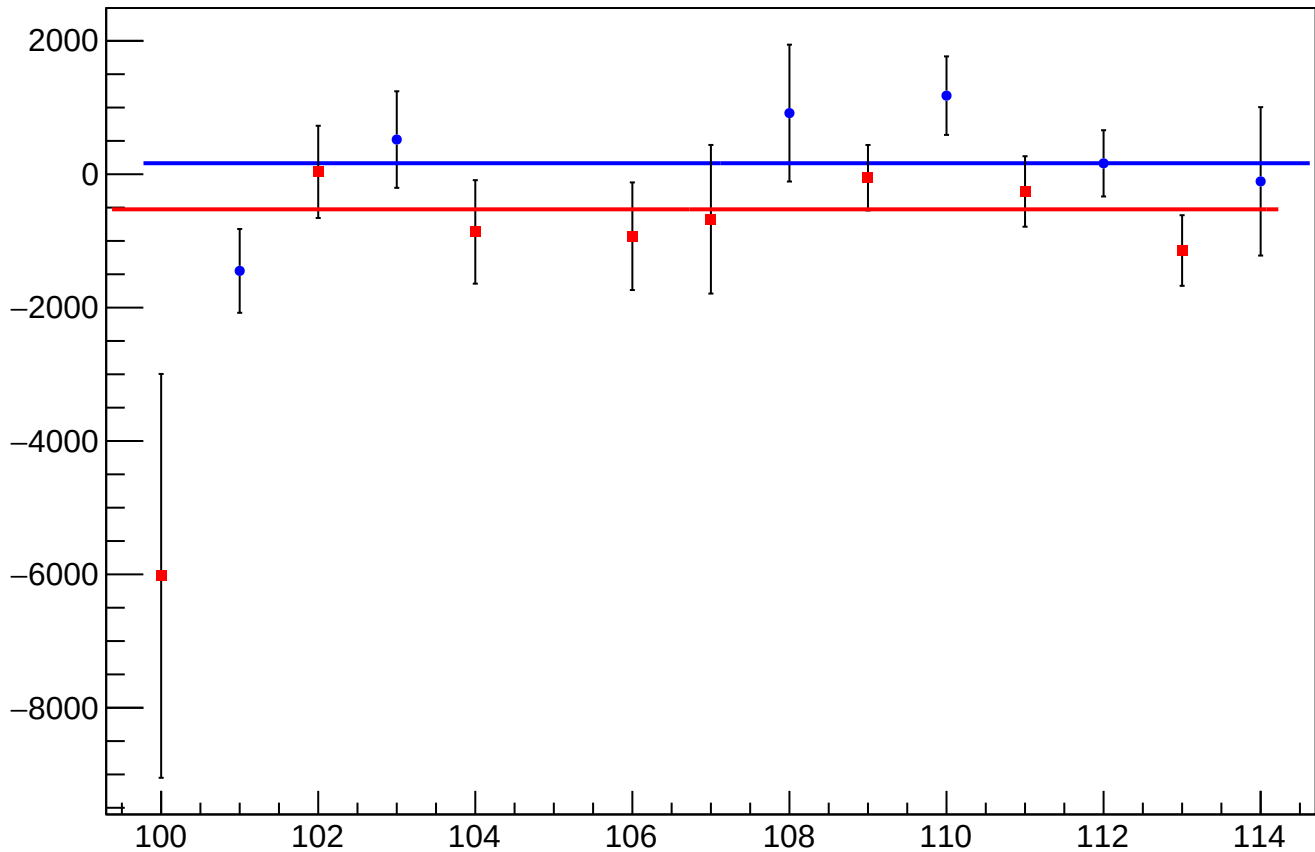
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.870+/-0.120 χ^2/NDF : 539736.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: 165.186 ± 275.883 χ^2/NDF : 10.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -526.267 ± 239.025 χ^2/NDF : 7.0/7

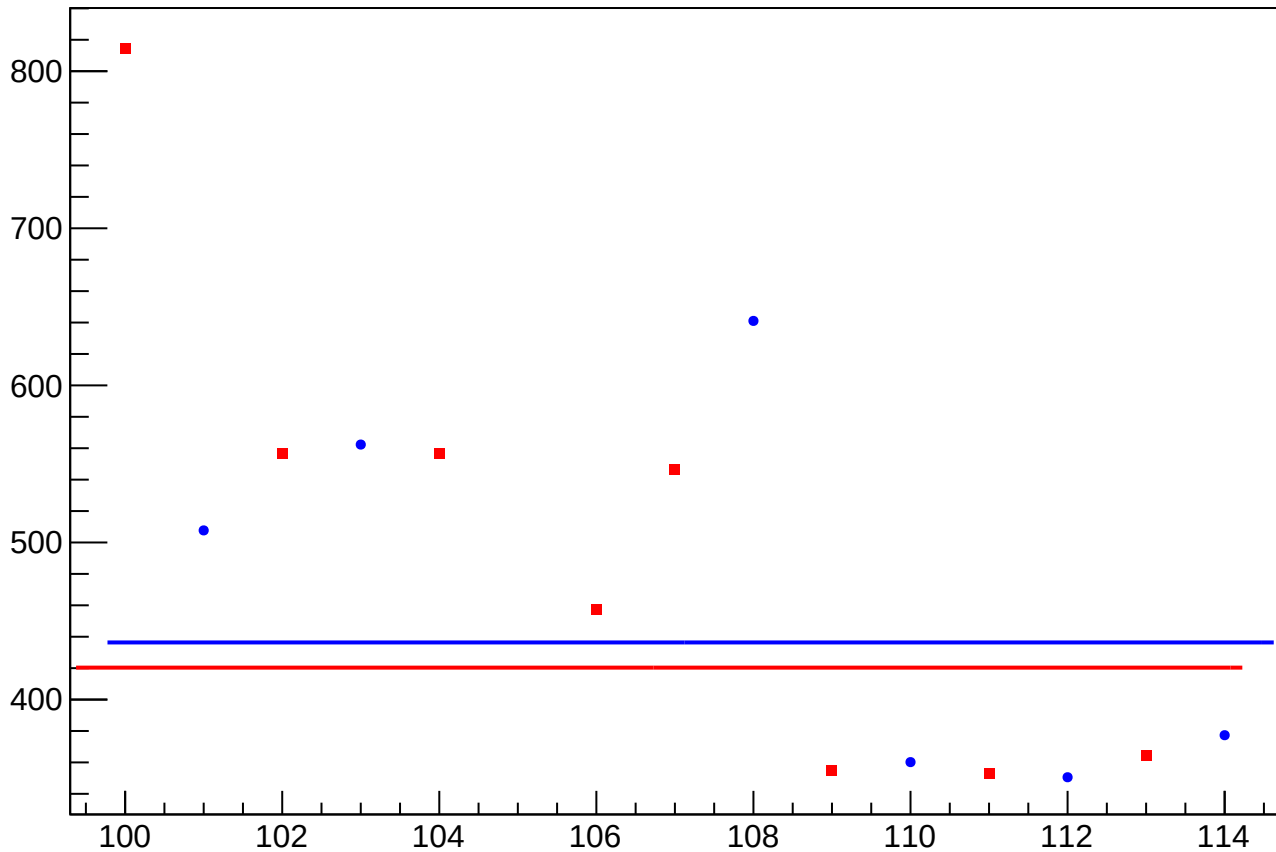
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -229.784 ± 180.652 χ^2/NDF : 21.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 436.364 $\pm$ 0.195 χ^2 /NDF: 264743.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 420.334 $\pm$ 0.169 χ^2 /NDF: 294247.5/7

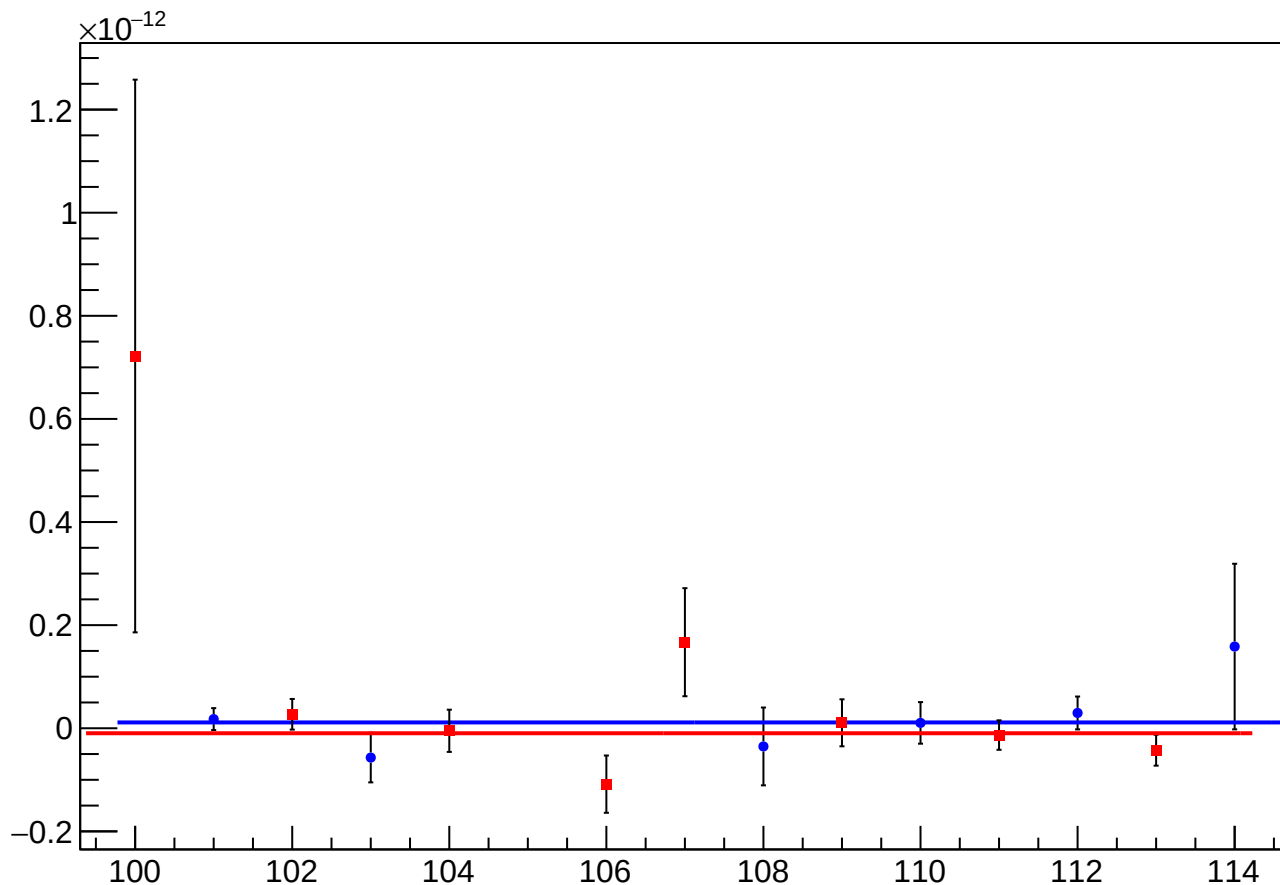
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 427.207 $\pm$ 0.128 χ^2 /NDF: 562847.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/7

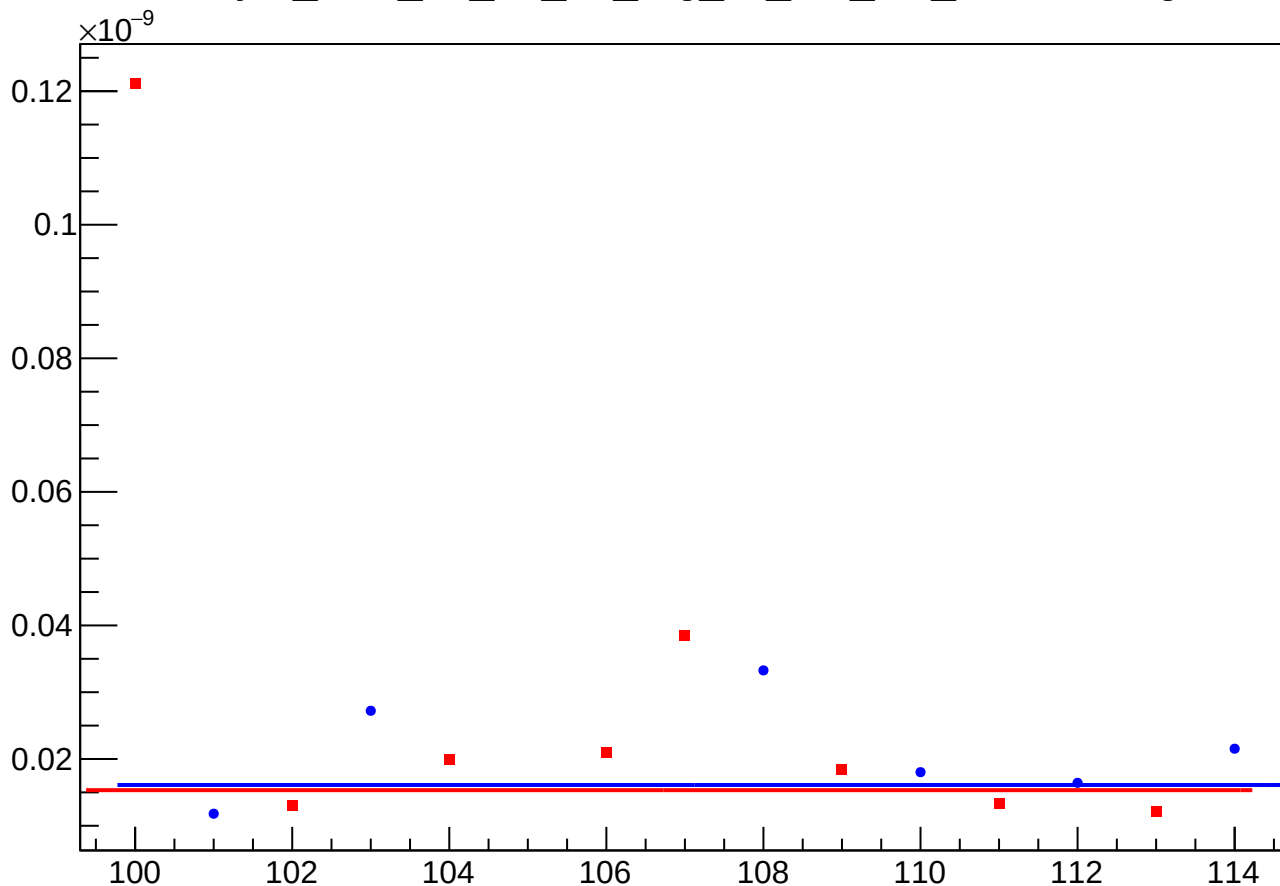
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 298850.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 272499.2/7

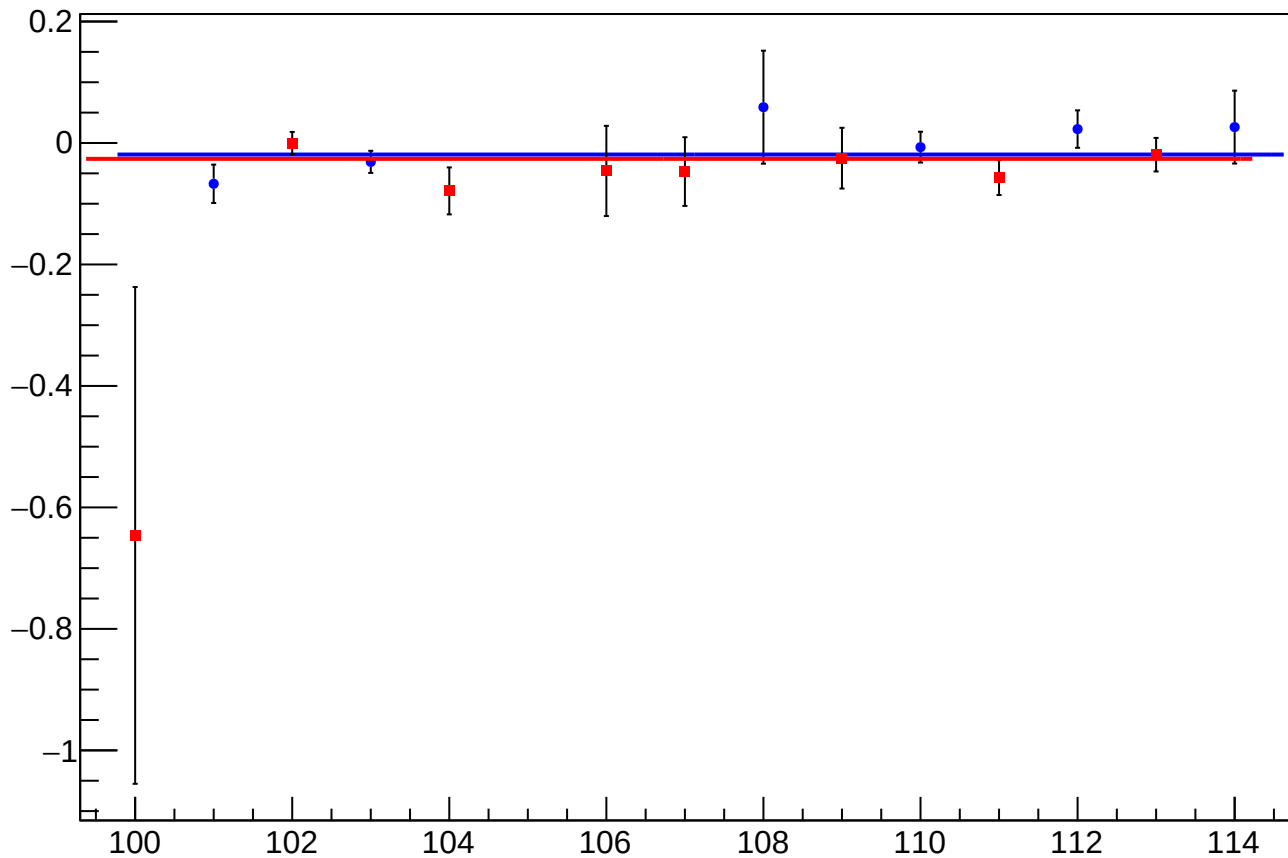
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 574193.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 ± 0.012 χ^2/NDF : 6.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.026 ± 0.012 χ^2/NDF : 7.6/7

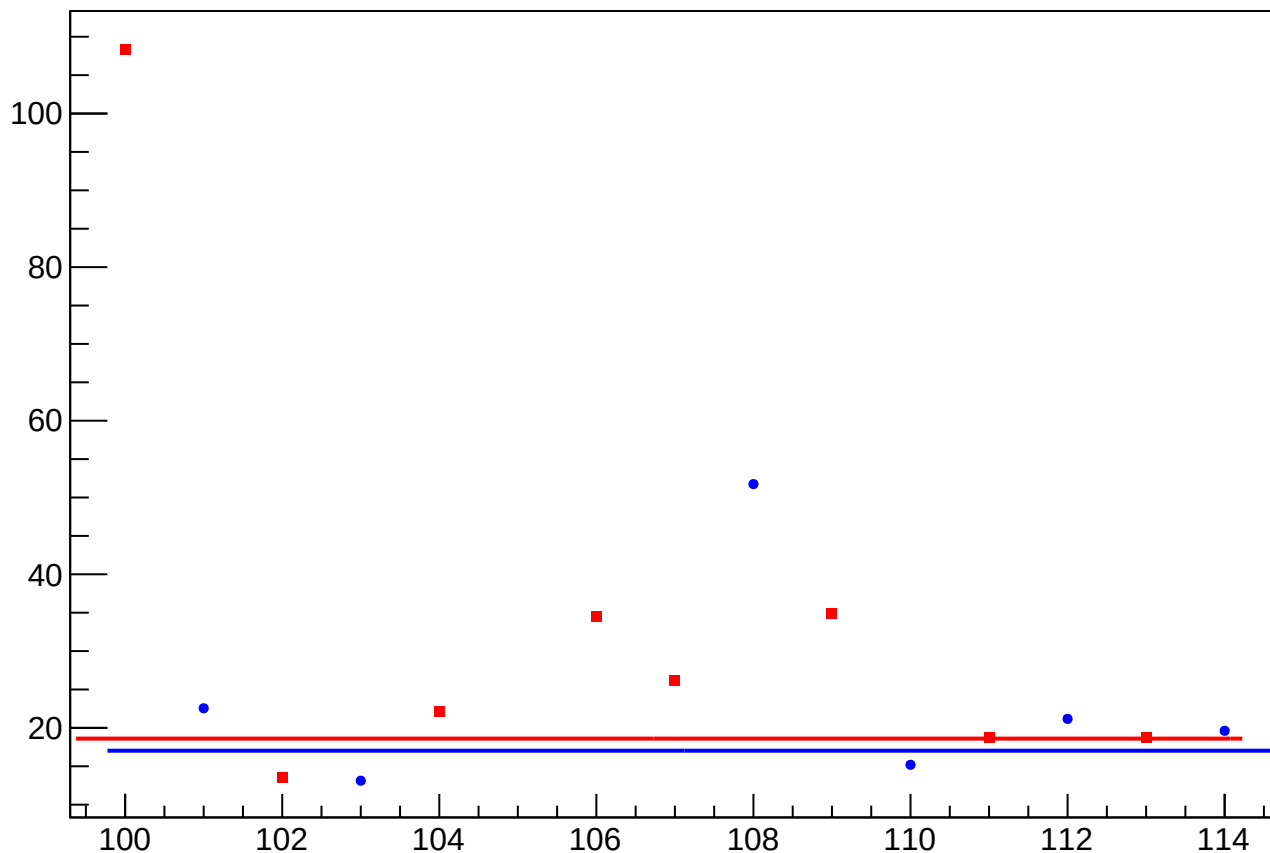
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.008 χ^2/NDF : 13.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 17.030 $\pm$ 0.008 χ^2 /NDF: 481855.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.603 $\pm$ 0.008 χ^2 /NDF: 600440.4/7

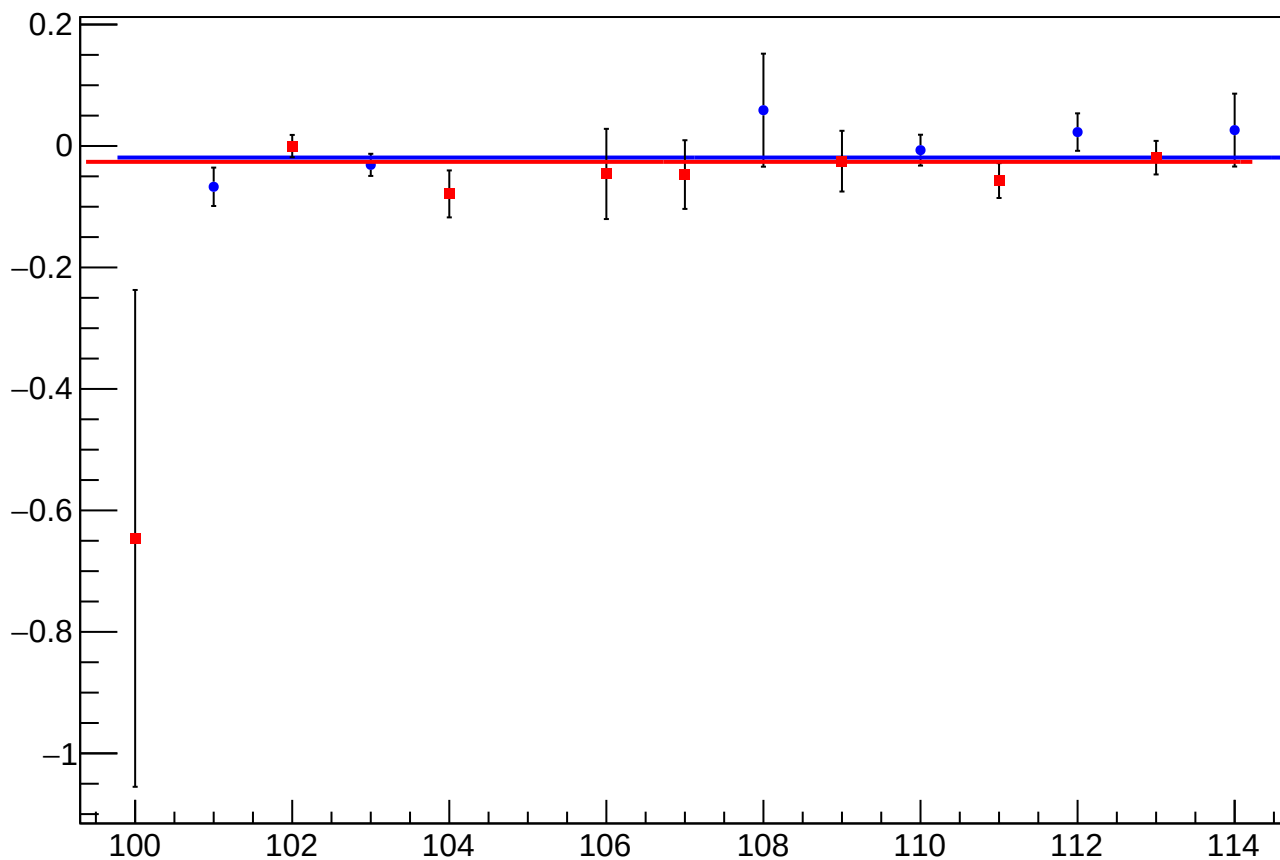
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.819 $\pm$ 0.006 χ^2 /NDF: 1099705.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.012 χ^2 /NDF: 7.6/7

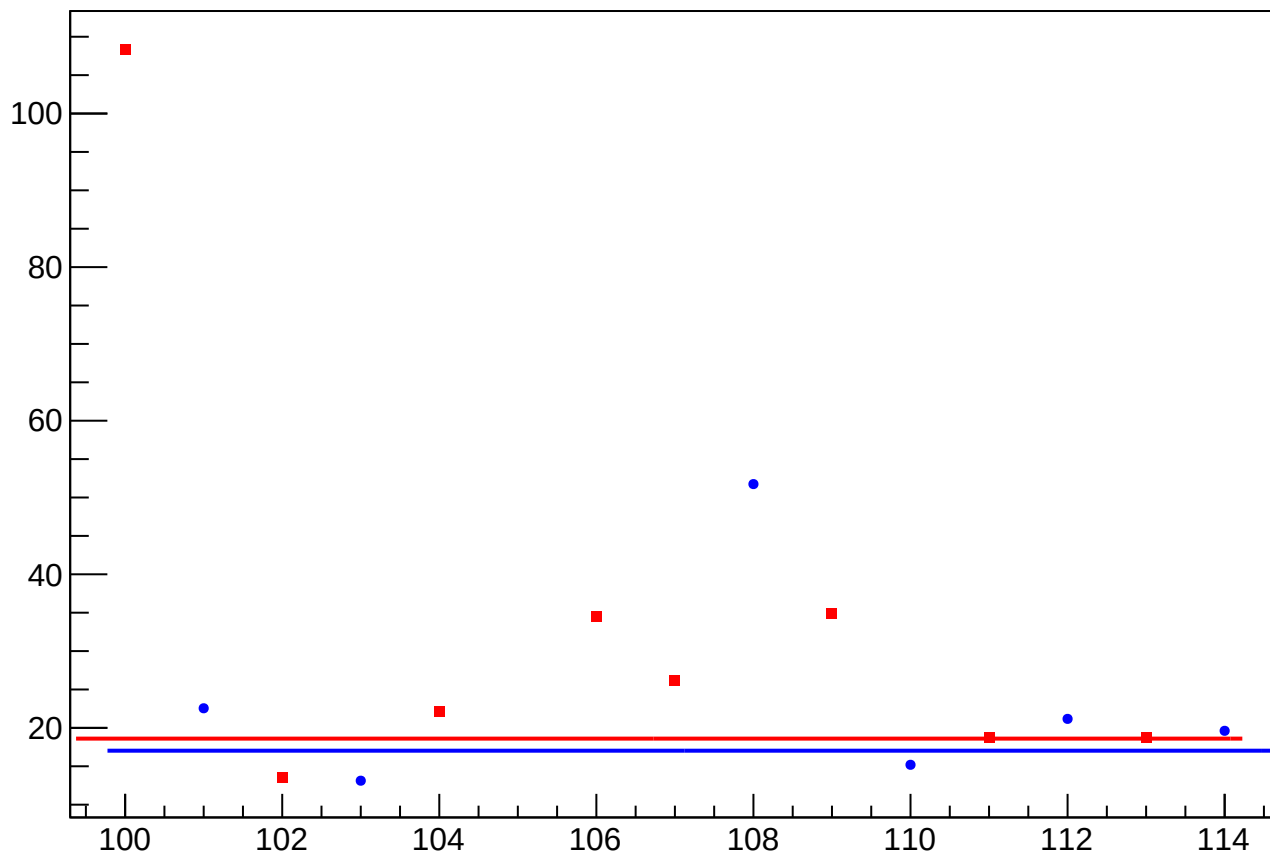
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.008 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.030 $\pm$ 0.008 χ^2 /NDF: 481855.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.603 $\pm$ 0.008 χ^2 /NDF: 600440.4/7

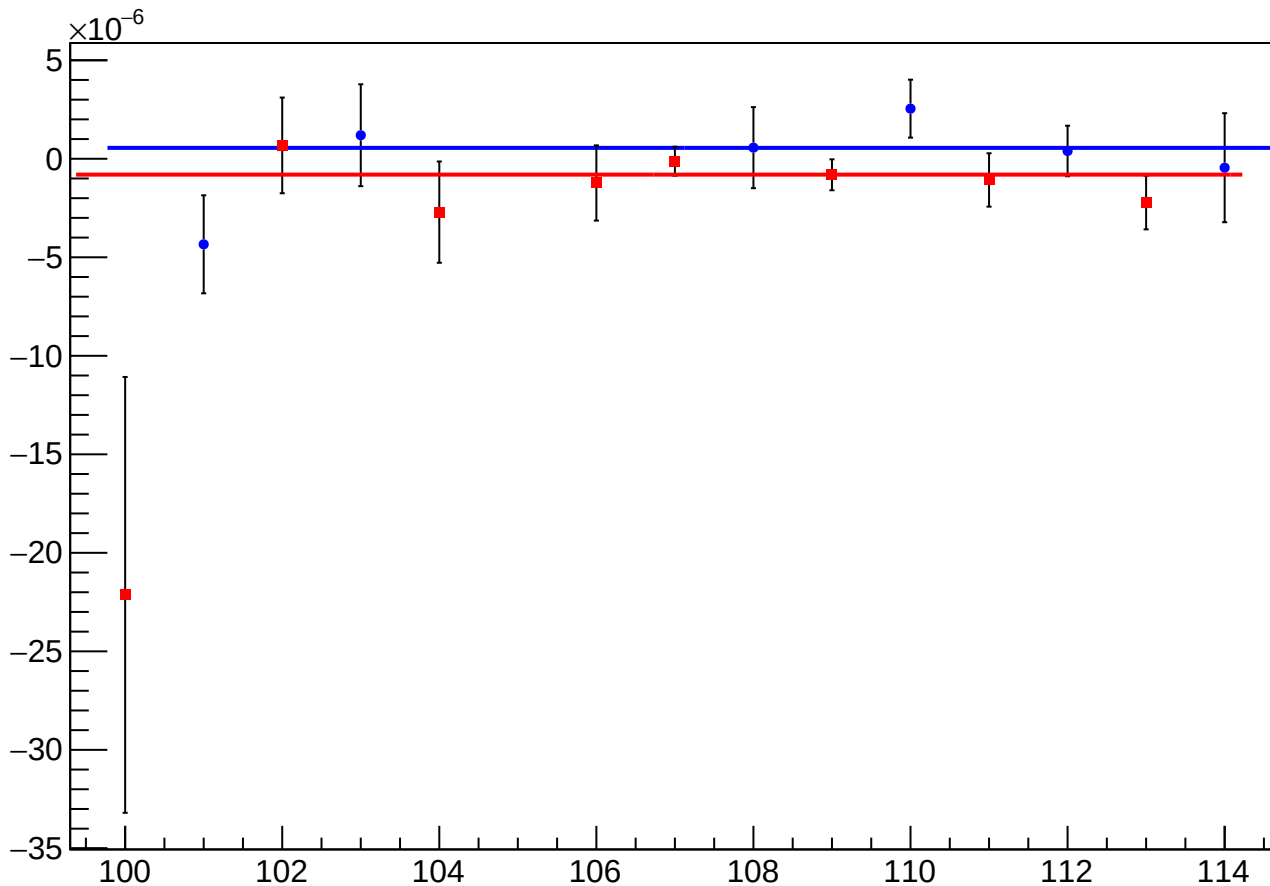
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.819 $\pm$ 0.006 χ^2 /NDF: 1099705.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/7

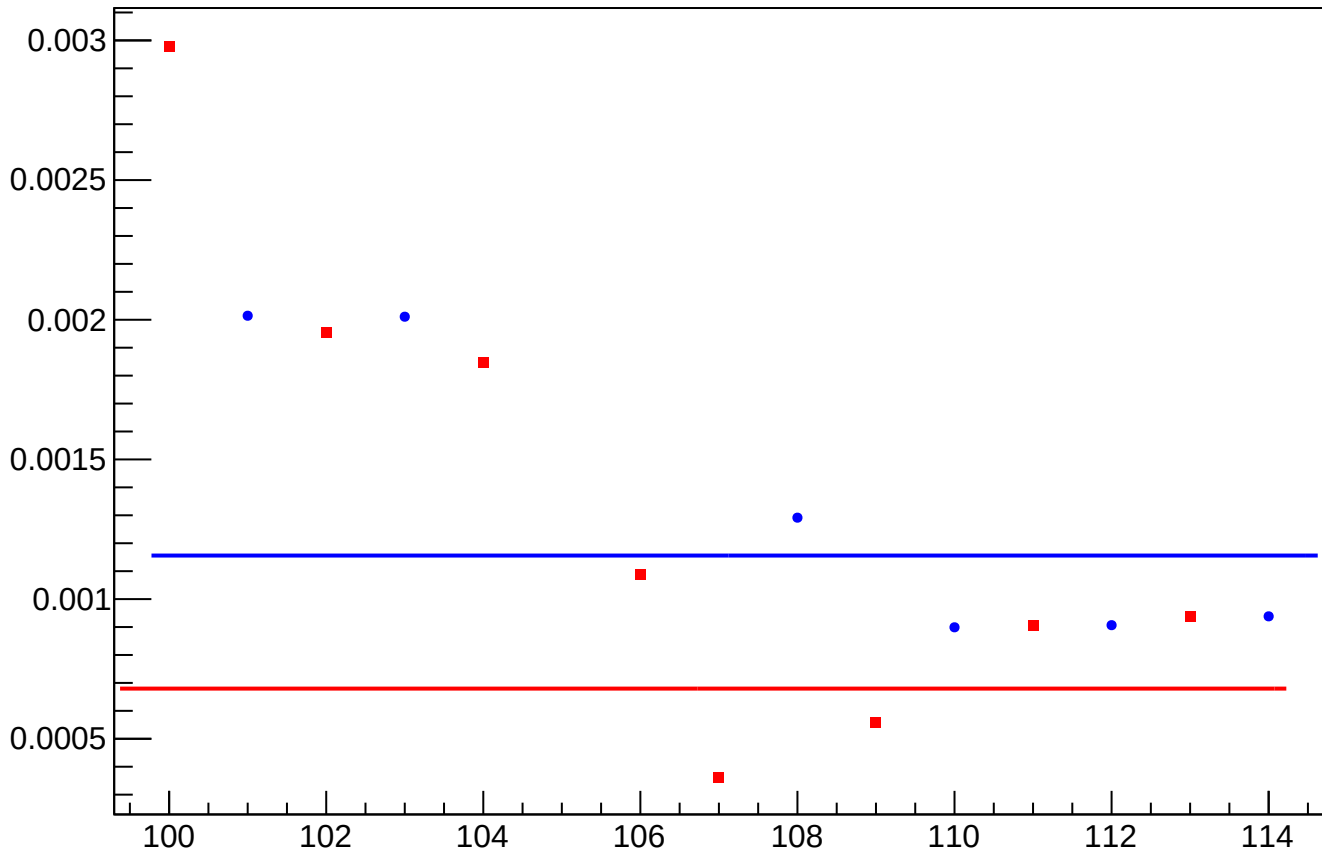
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 614356.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1692189.9/7

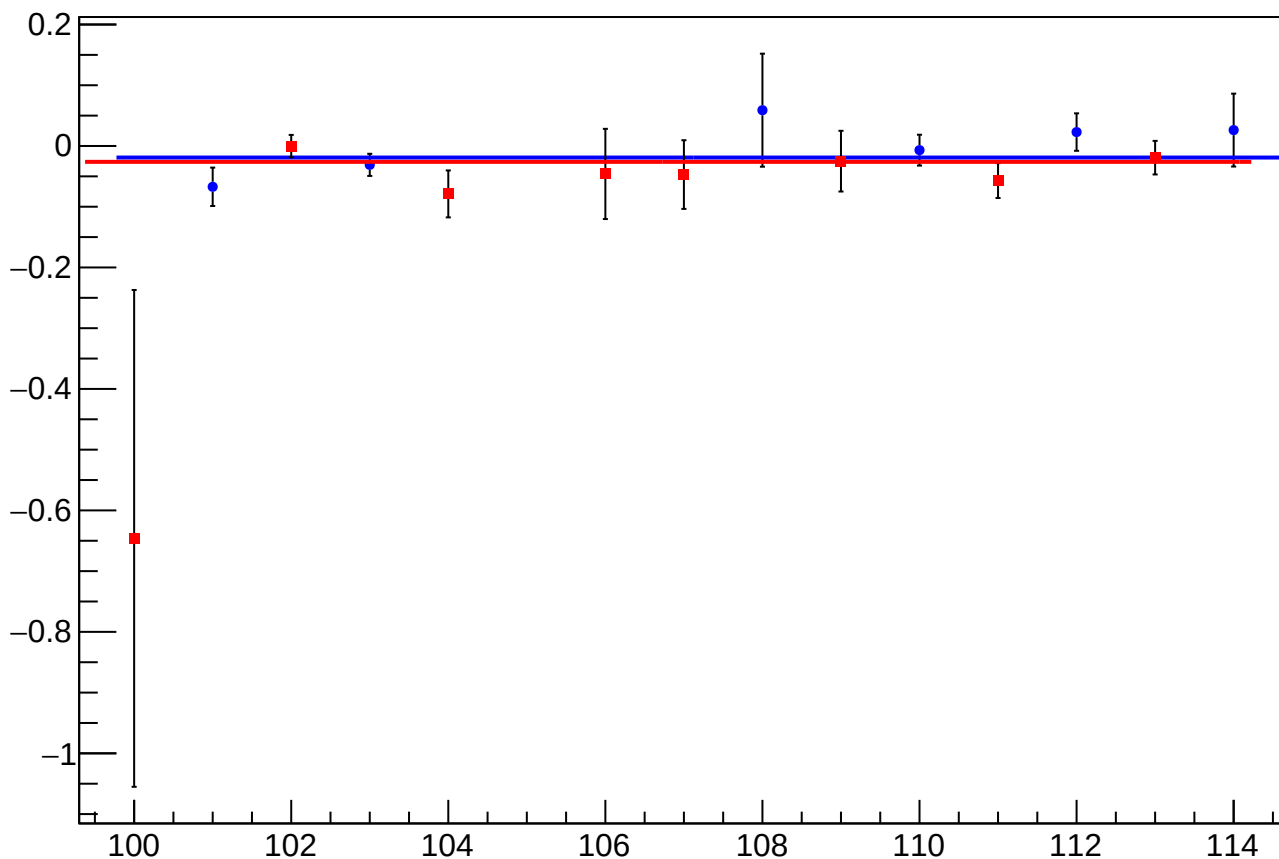
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2898986.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.026 $\pm$ 0.012 χ^2 /NDF: 7.6/7

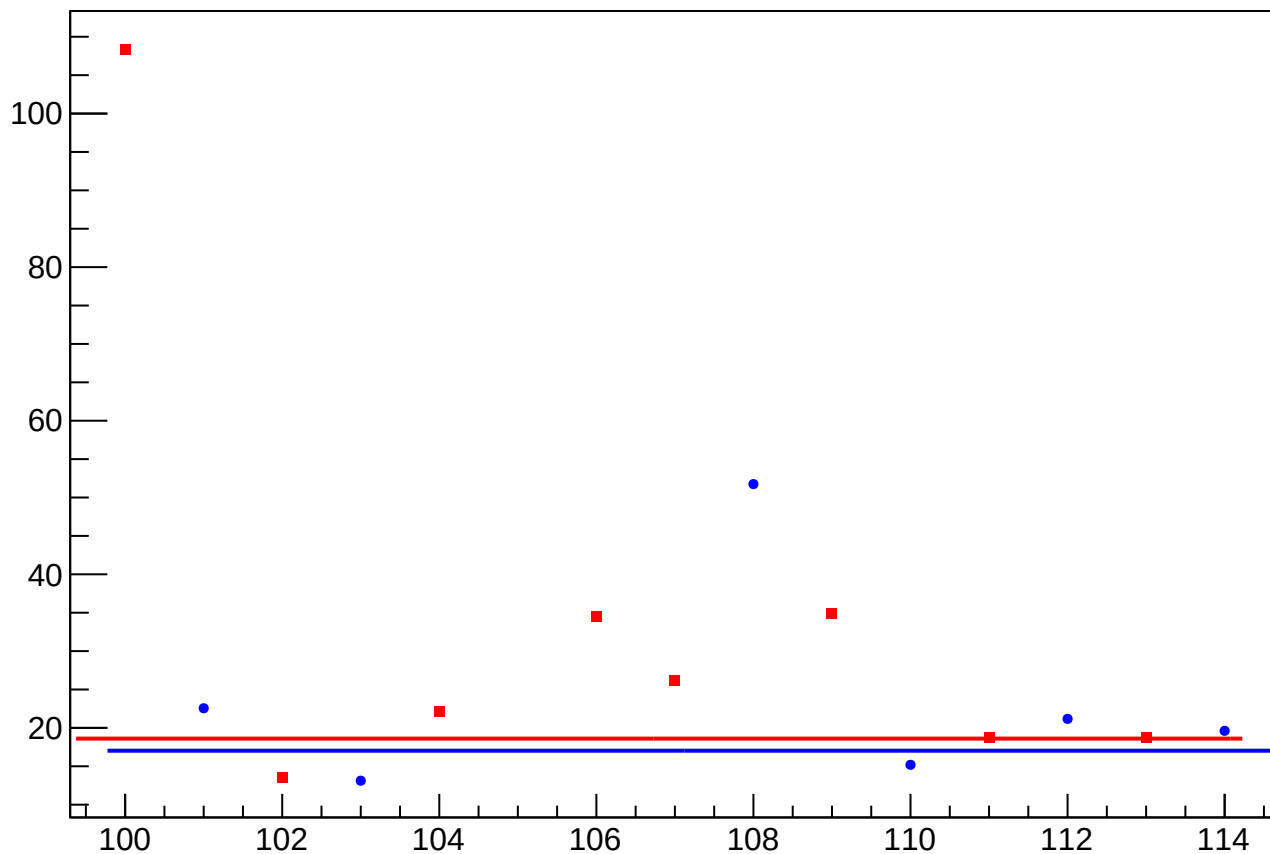
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.008 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 17.031+/-0.008 χ^2/NDF : 481845.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.604+/-0.008 χ^2/NDF : 600351.7/7

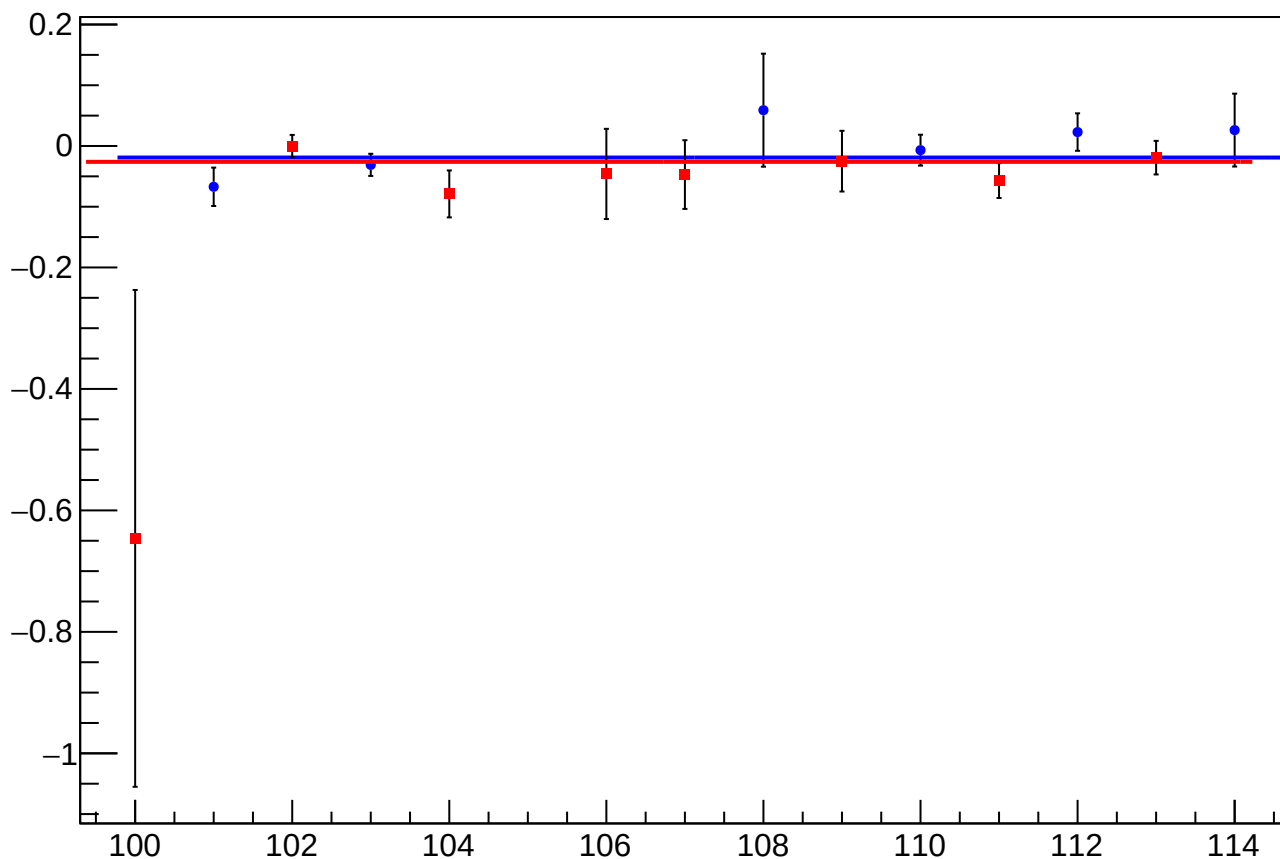
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.820+/-0.006 χ^2/NDF : 1099614.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.012 χ^2 /NDF: 7.6/7

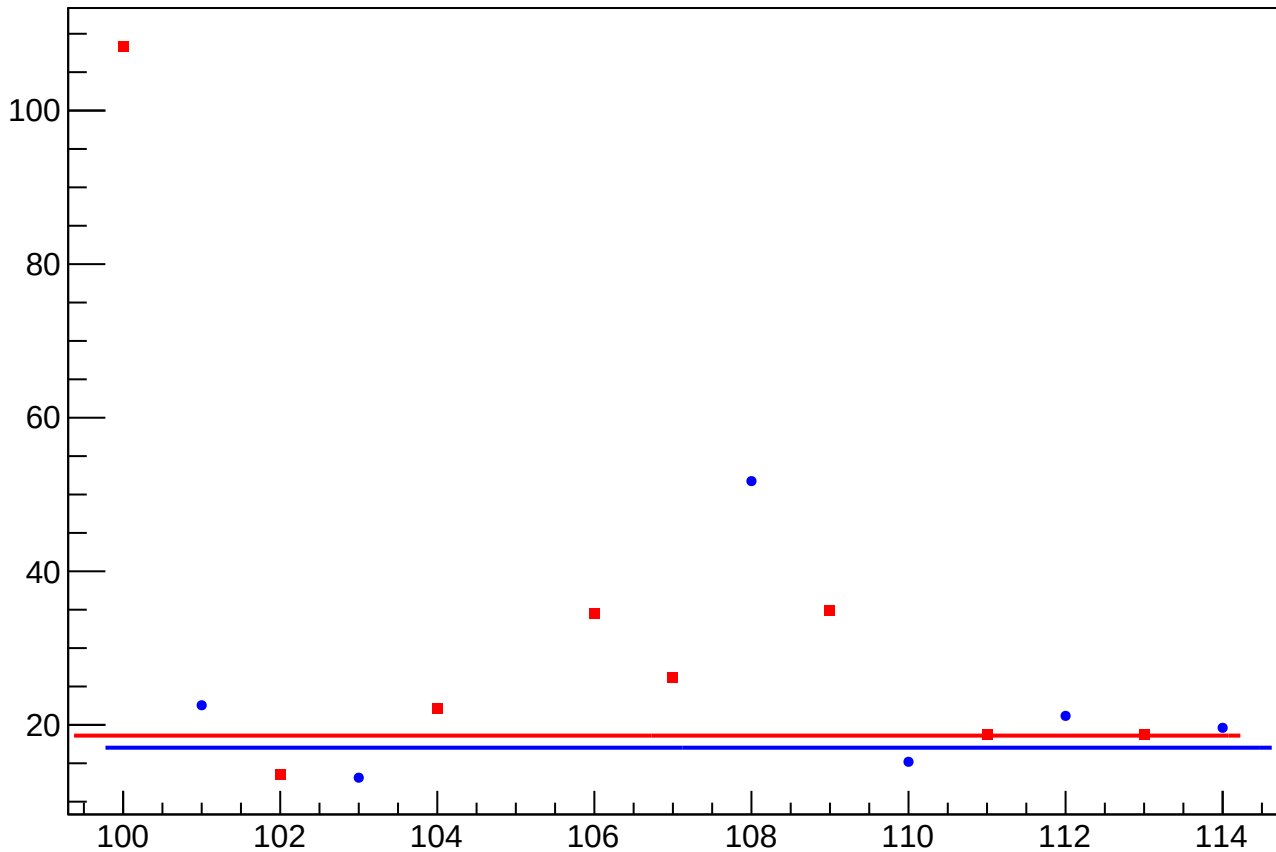
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.008 χ^2 /NDF: 13.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.031+/-0.008 χ^2/NDF : 481845.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.604+/-0.008 χ^2/NDF : 600351.7/7

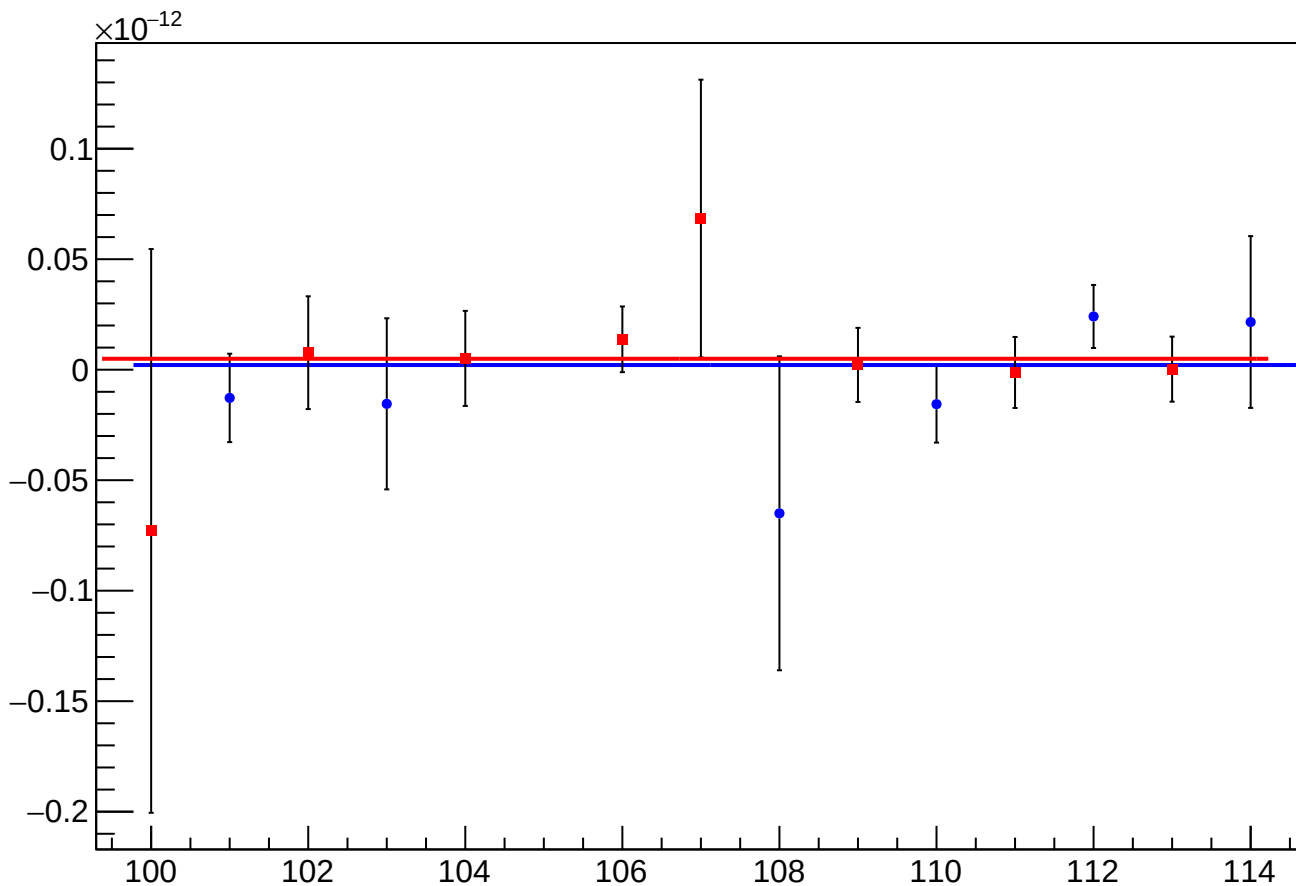
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.820+/-0.006 χ^2/NDF : 1099614.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/7

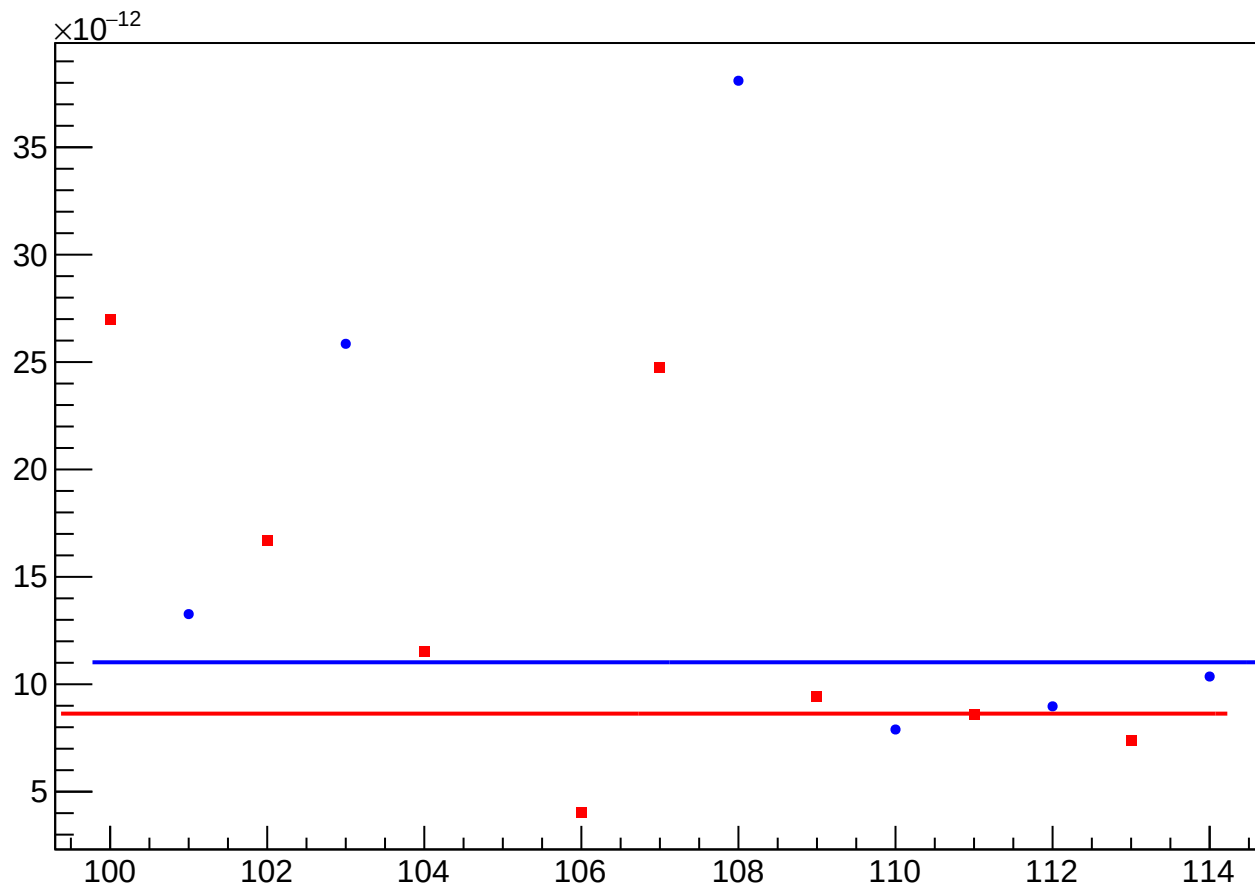
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 715811.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 619593.4/7

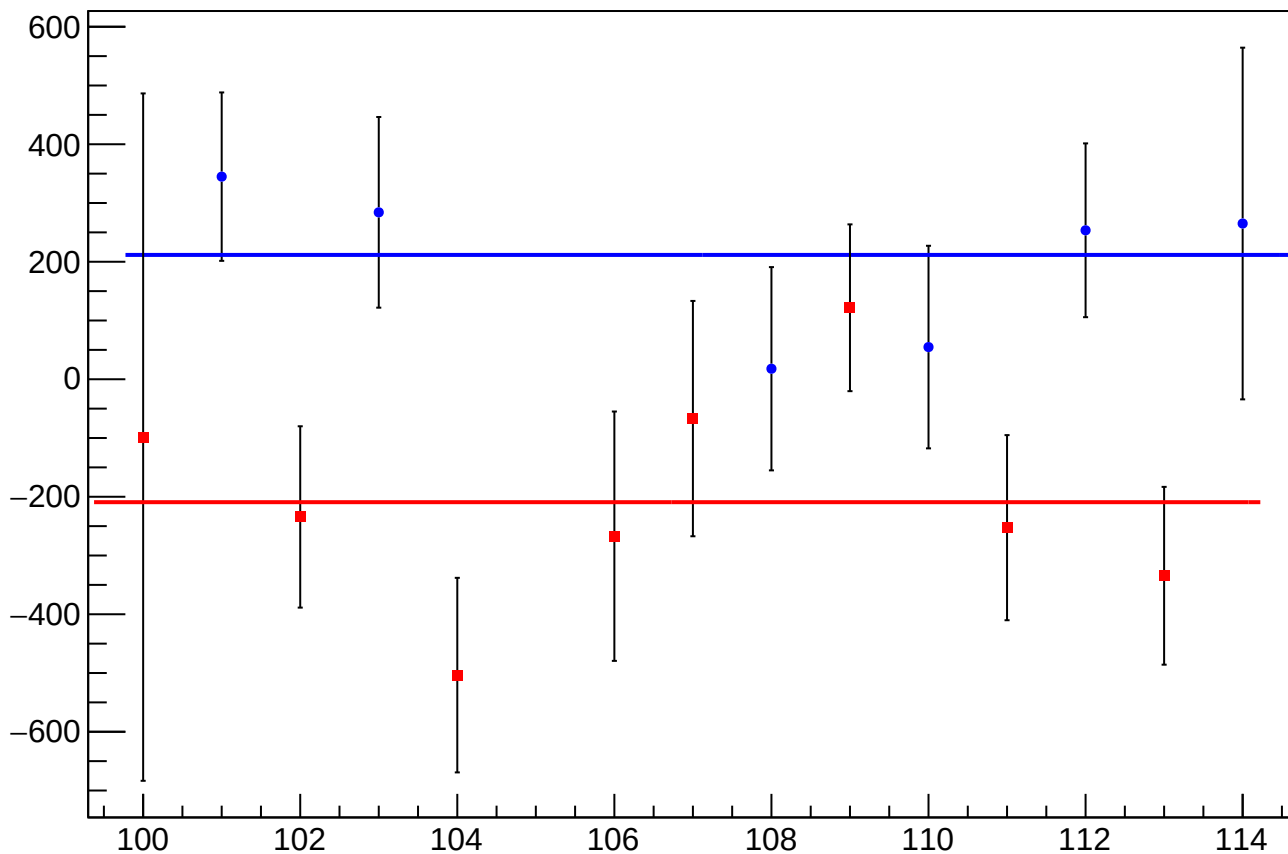
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1423154.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 211.635 $\pm$ 68.911 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -209.230 $\pm$ -61.768 χ^2 /NDF: 10.0/7

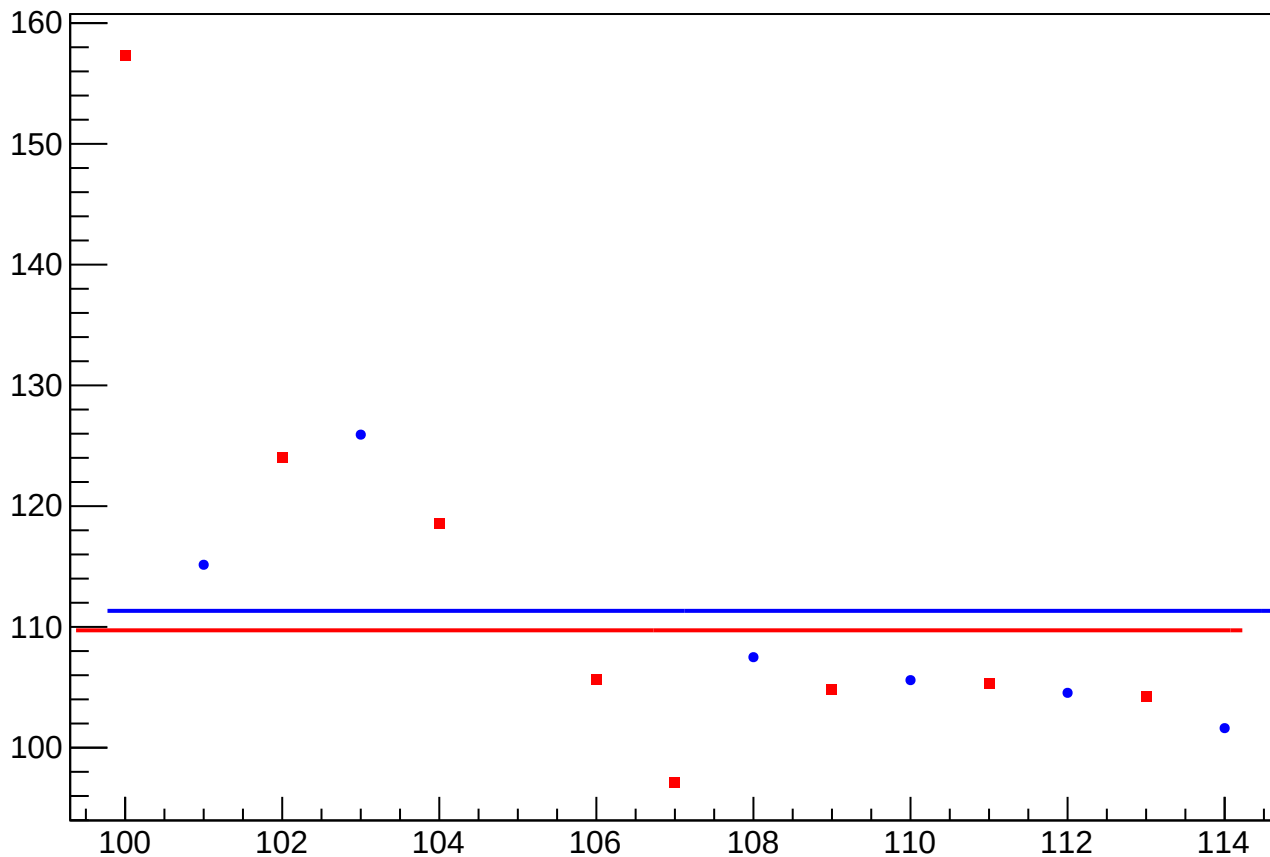
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -21.734 $\pm$ -45.995 χ^2 /NDF: 33.9/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 111.330 $\pm$ 0.049 χ^2 /NDF: 27104.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.718 $\pm$ 0.044 χ^2 /NDF: 51437.2/7

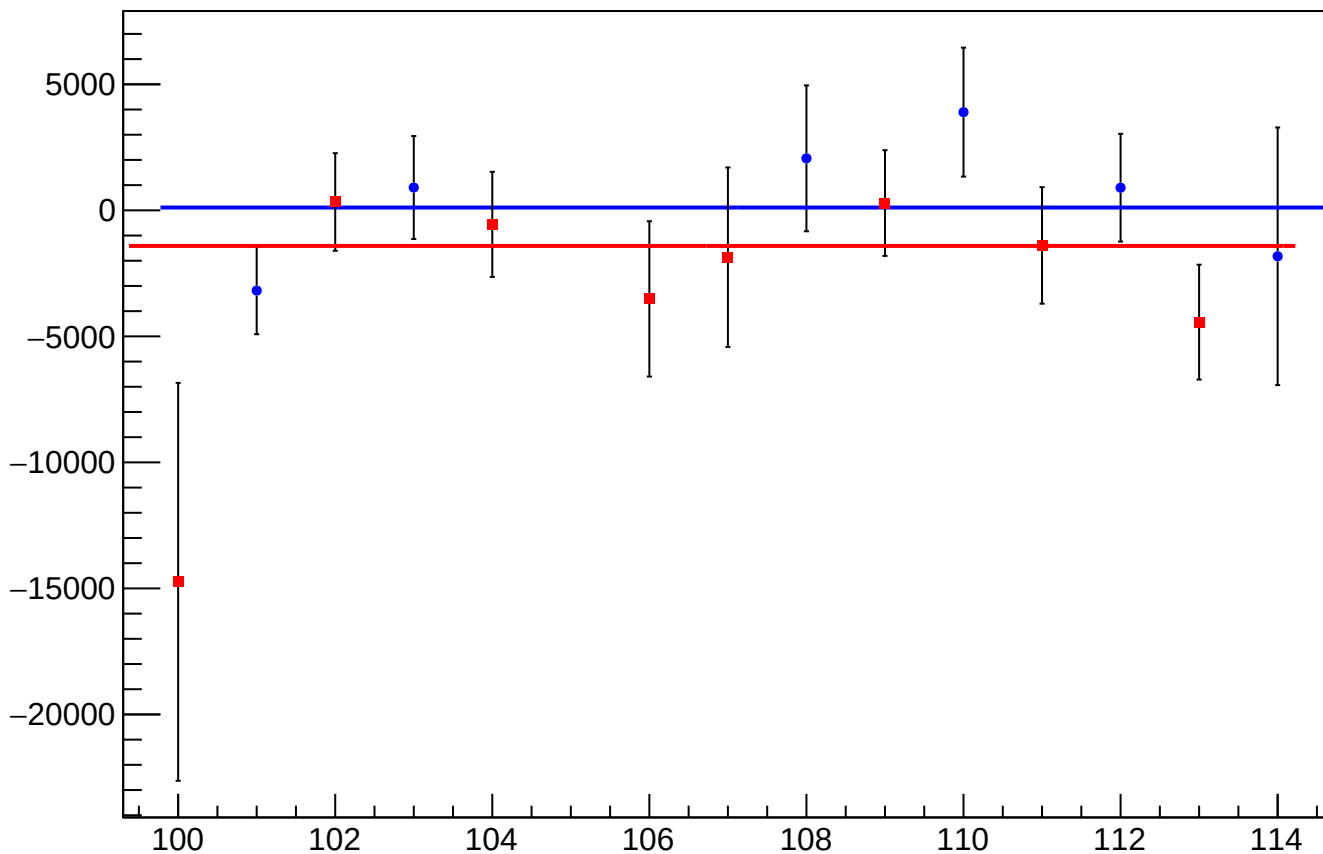
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.436 $\pm$ 0.033 χ^2 /NDF: 79148.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



Right In: 111.306 $\pm$ 952.256 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1412.267 $\pm$ 875.618 χ^2 /NDF: 6.7/7

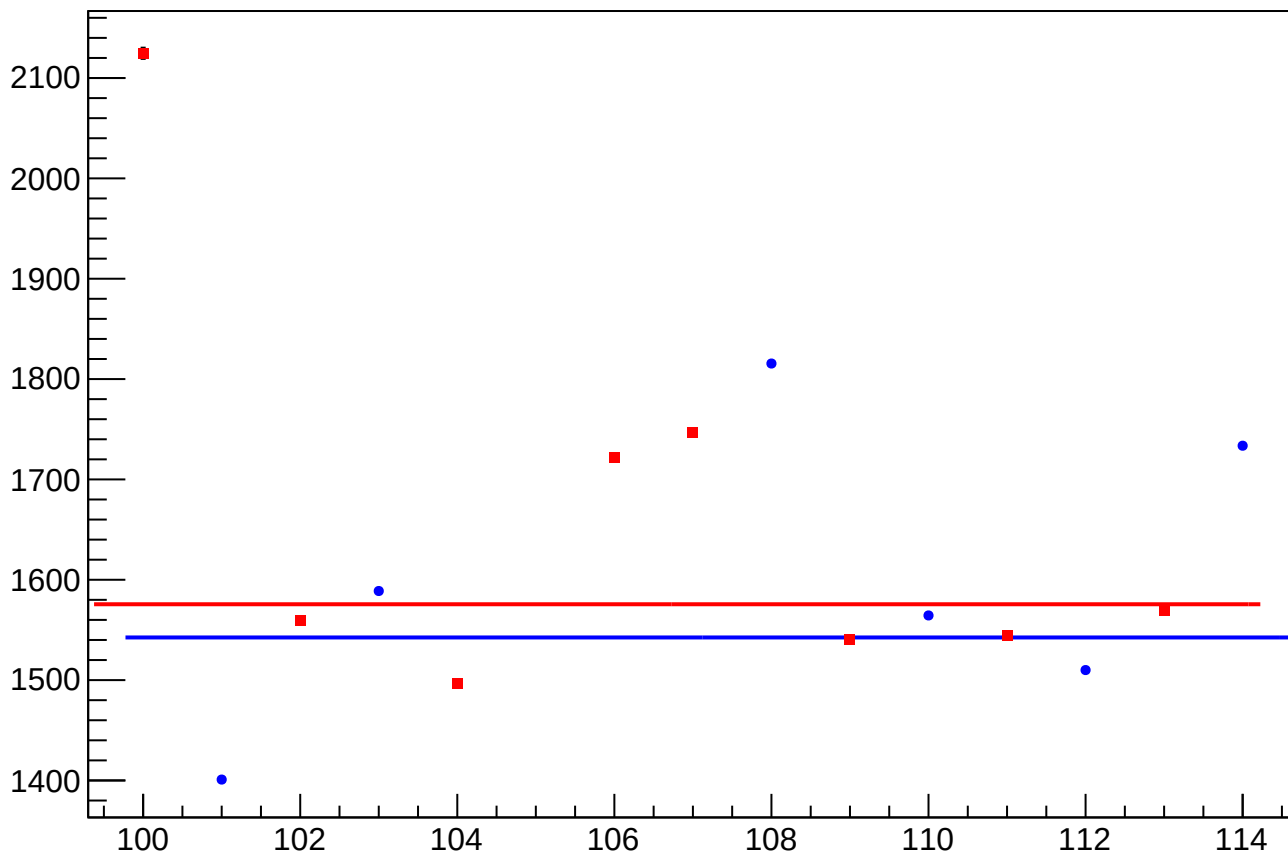
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -714.248 $\pm$ 644.549 χ^2 /NDF: 14.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1542.505 ± 0.673 χ^2/NDF : 35616.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1575.599 ± 0.619 χ^2/NDF : 22824.3/7

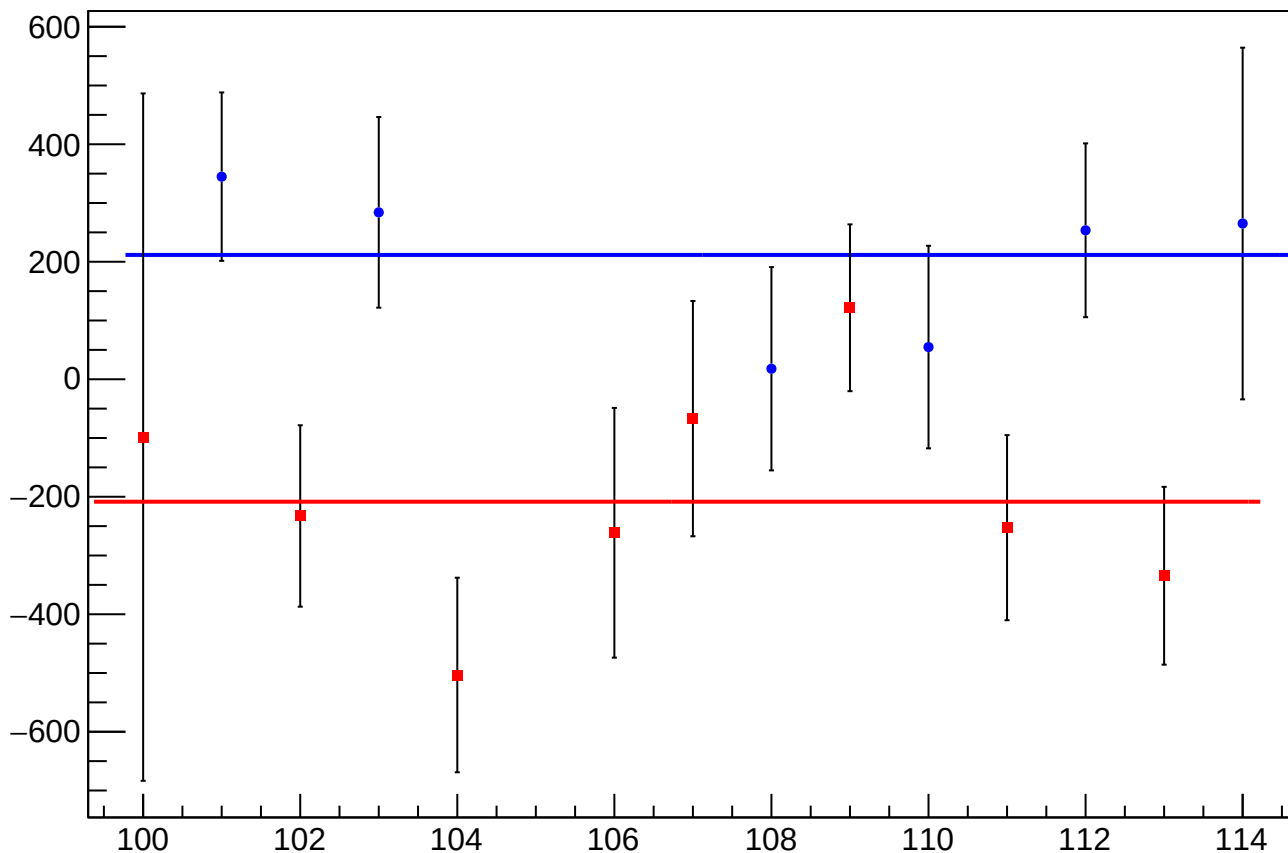
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1560.437 ± 0.456 χ^2/NDF : 59749.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 211.634 $\pm$ 68.911 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -208.433 $\pm$ 61.780 χ^2 /NDF: 10.0/7

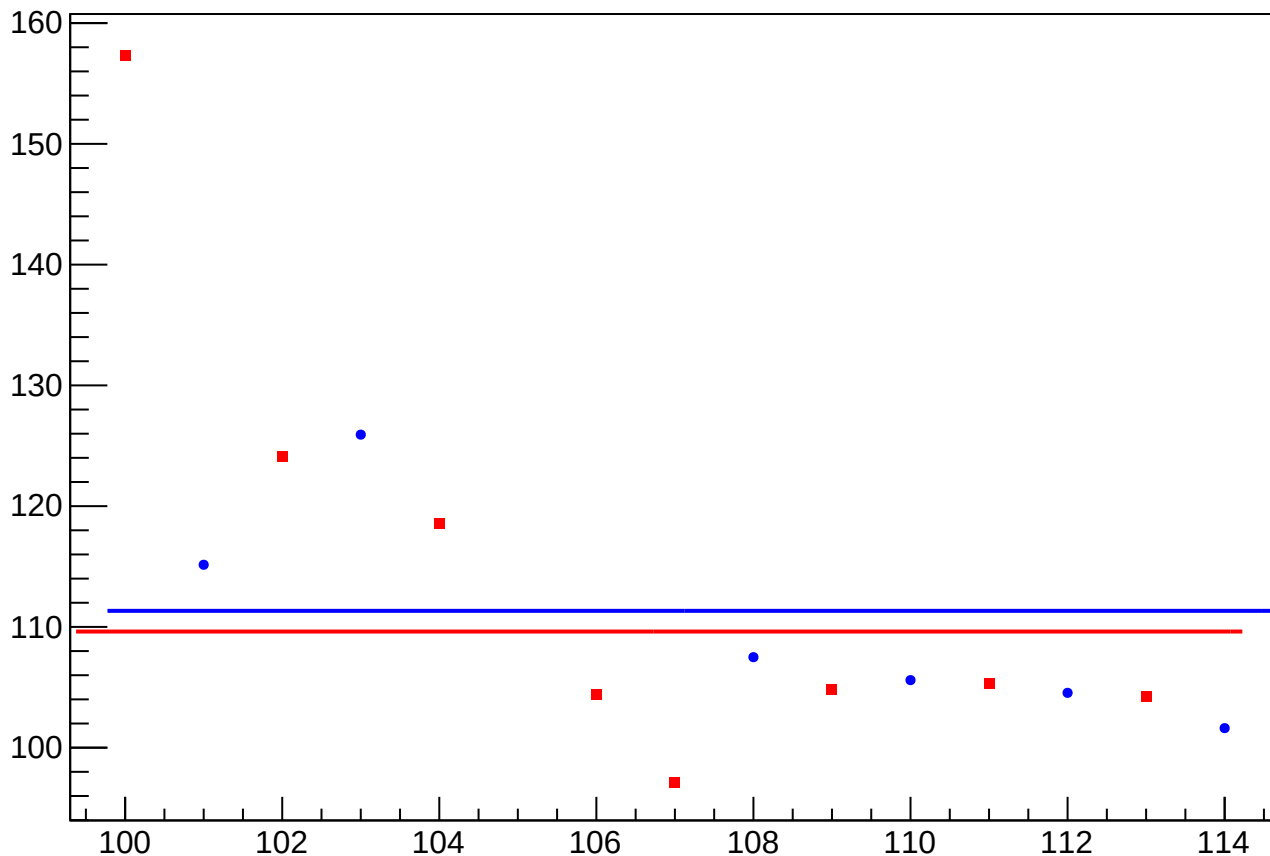
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.250 $\pm$ 46.000 χ^2 /NDF: 33.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 111.330 $\pm$ 0.049 χ^2 /NDF: 27105.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.617 $\pm$ 0.044 χ^2 /NDF: 52088.9/7

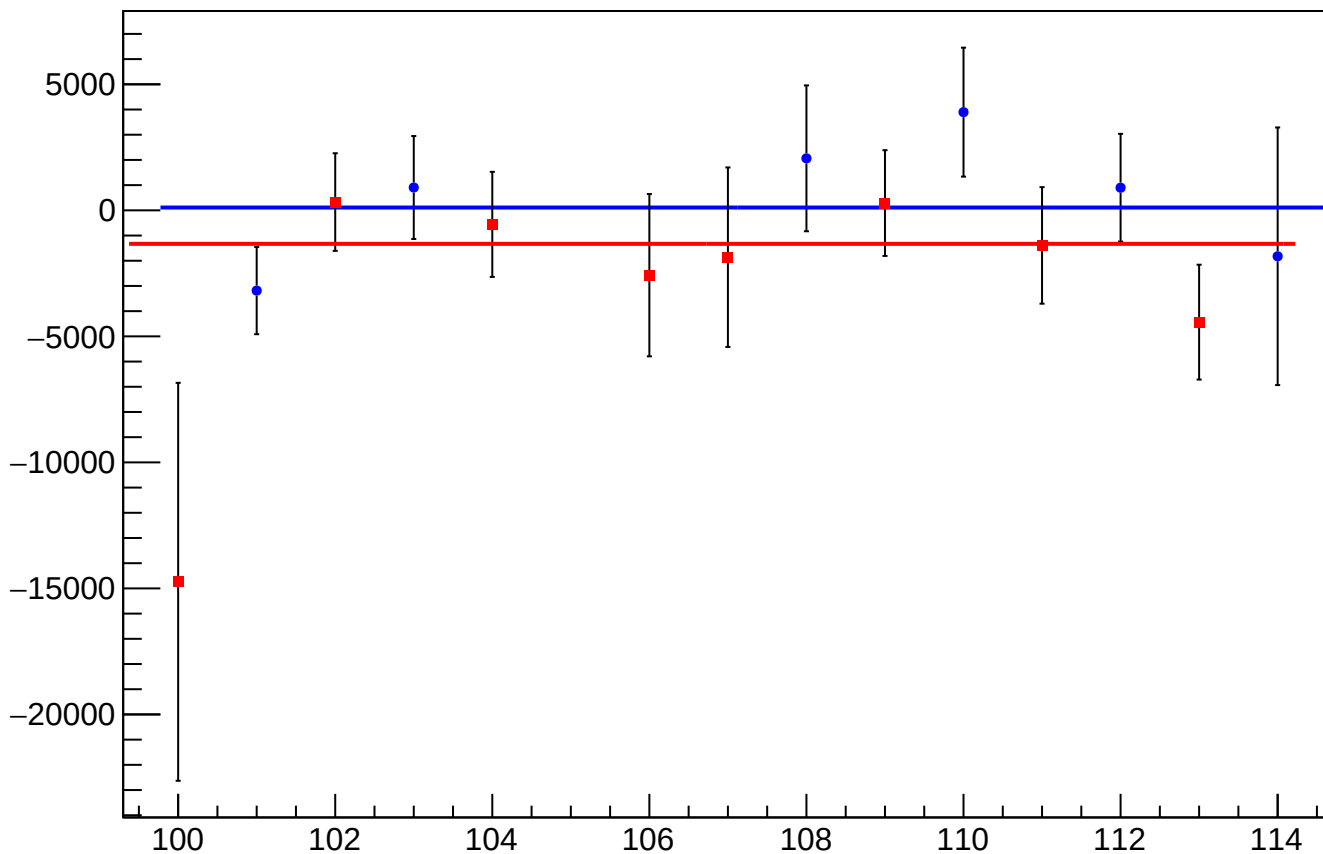
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.381 $\pm$ 0.033 χ^2 /NDF: 79879.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



Right In: 111.406 $\pm$ 952.264 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1328.892 $\pm$ 878.681 χ^2 /NDF: 6.4/7

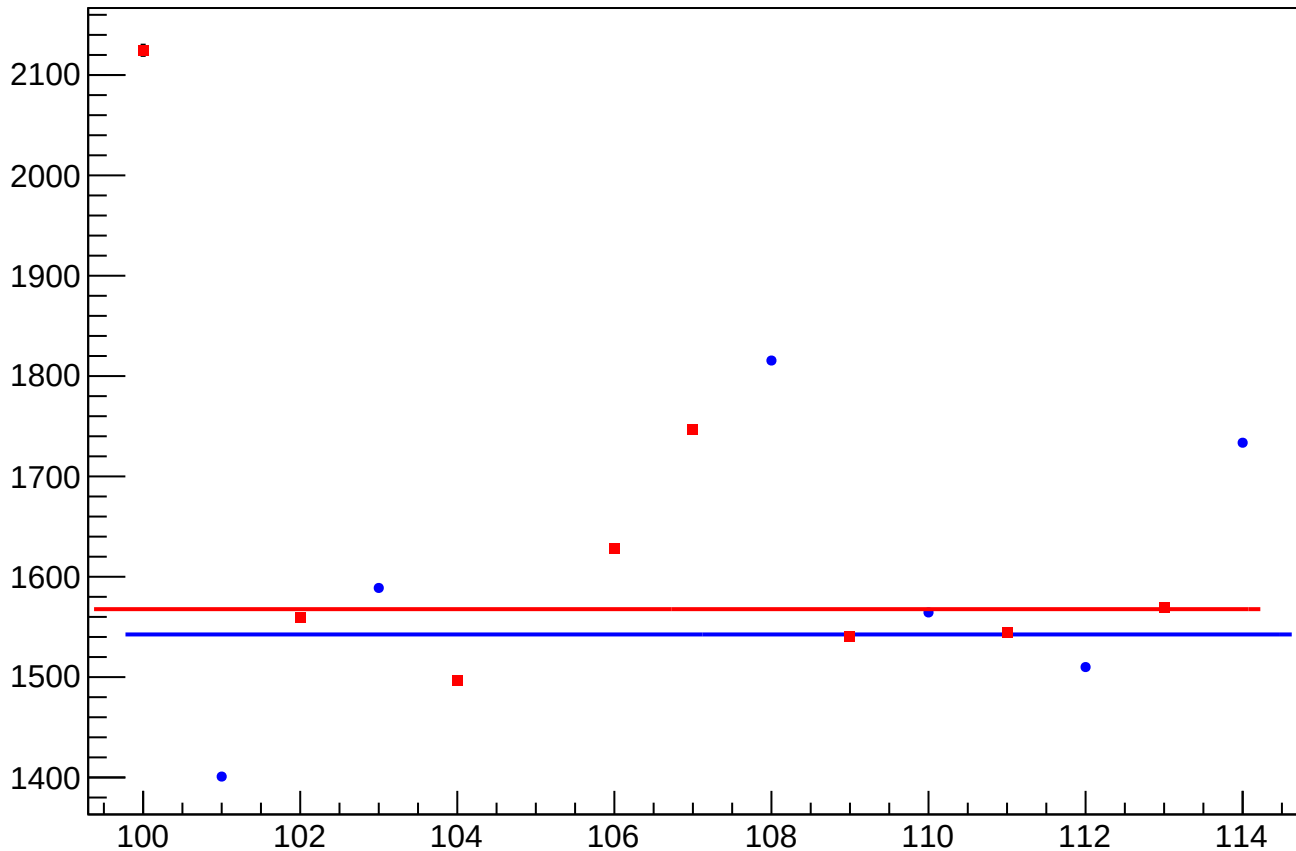
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -666.534 $\pm$ 645.770 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



Right In: 1542.518 $\pm$ 0.673 χ^2 /NDF: 35618.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1567.725 $\pm$ 0.621 χ^2 /NDF: 18651.1/7

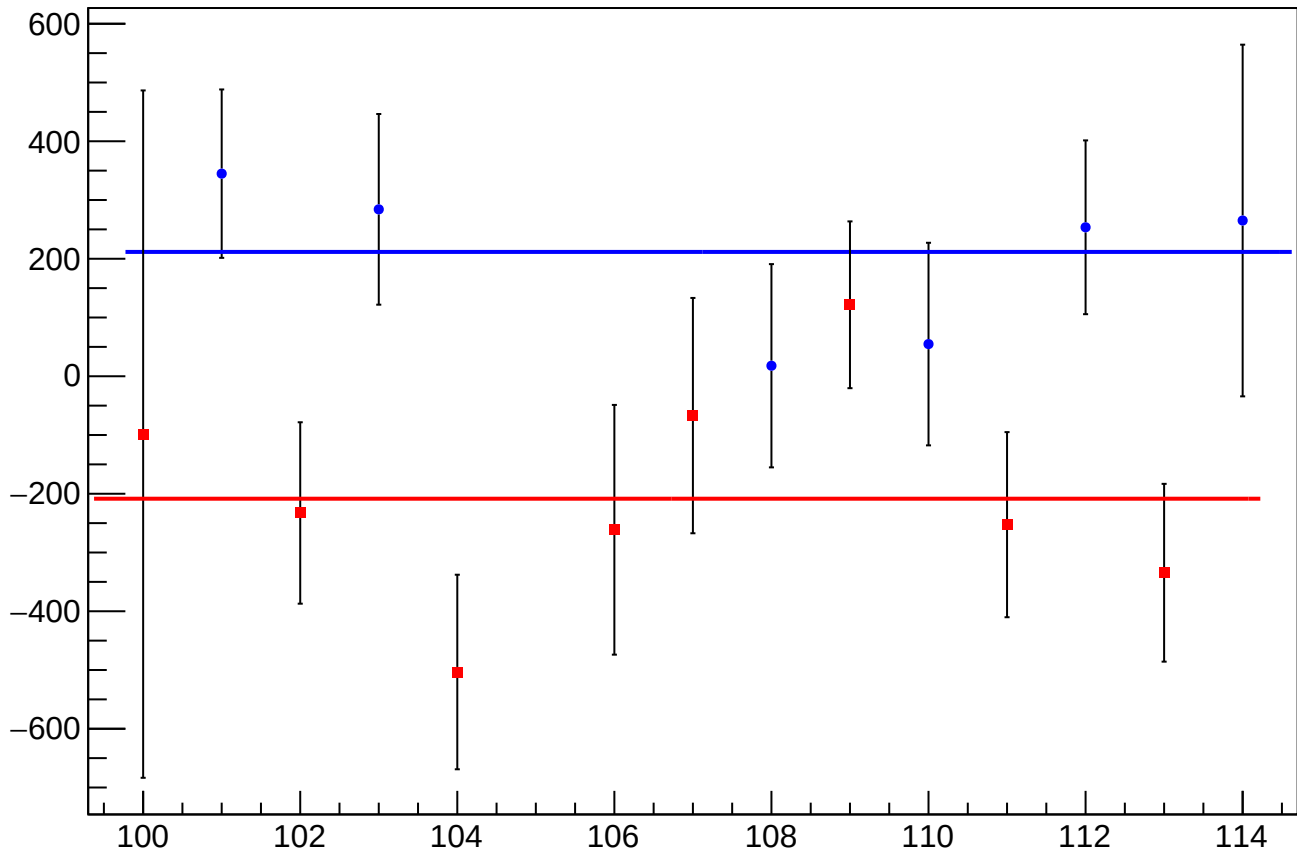
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1556.133 $\pm$ 0.457 χ^2 /NDF: 55026.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 211.634 $\pm$ 68.911 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -208.433 $\pm$ 61.780 χ^2 /NDF: 10.0/7

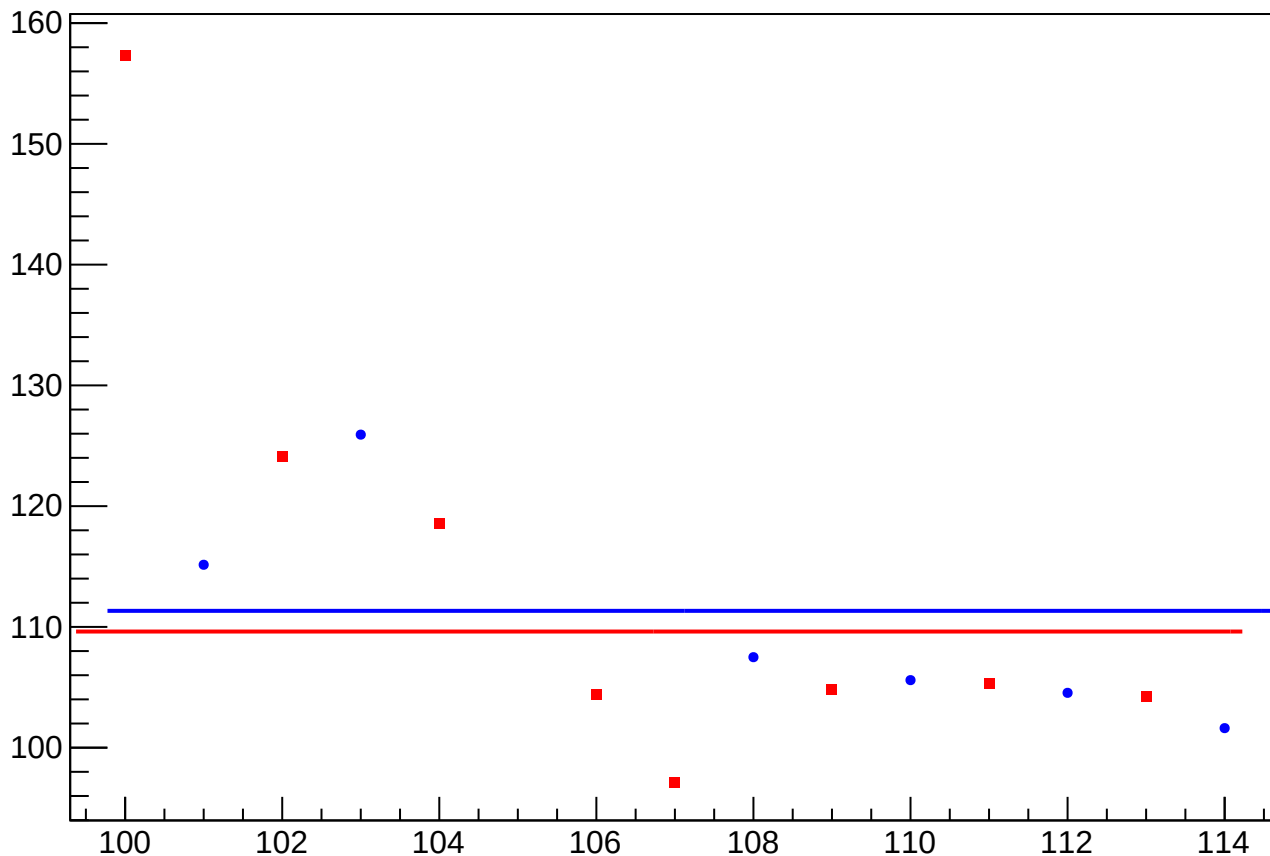
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.250 $\pm$ 46.000 χ^2 /NDF: 33.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 111.330 $\pm$ 0.049 χ^2 /NDF: 27105.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.617 $\pm$ 0.044 χ^2 /NDF: 52088.9/7

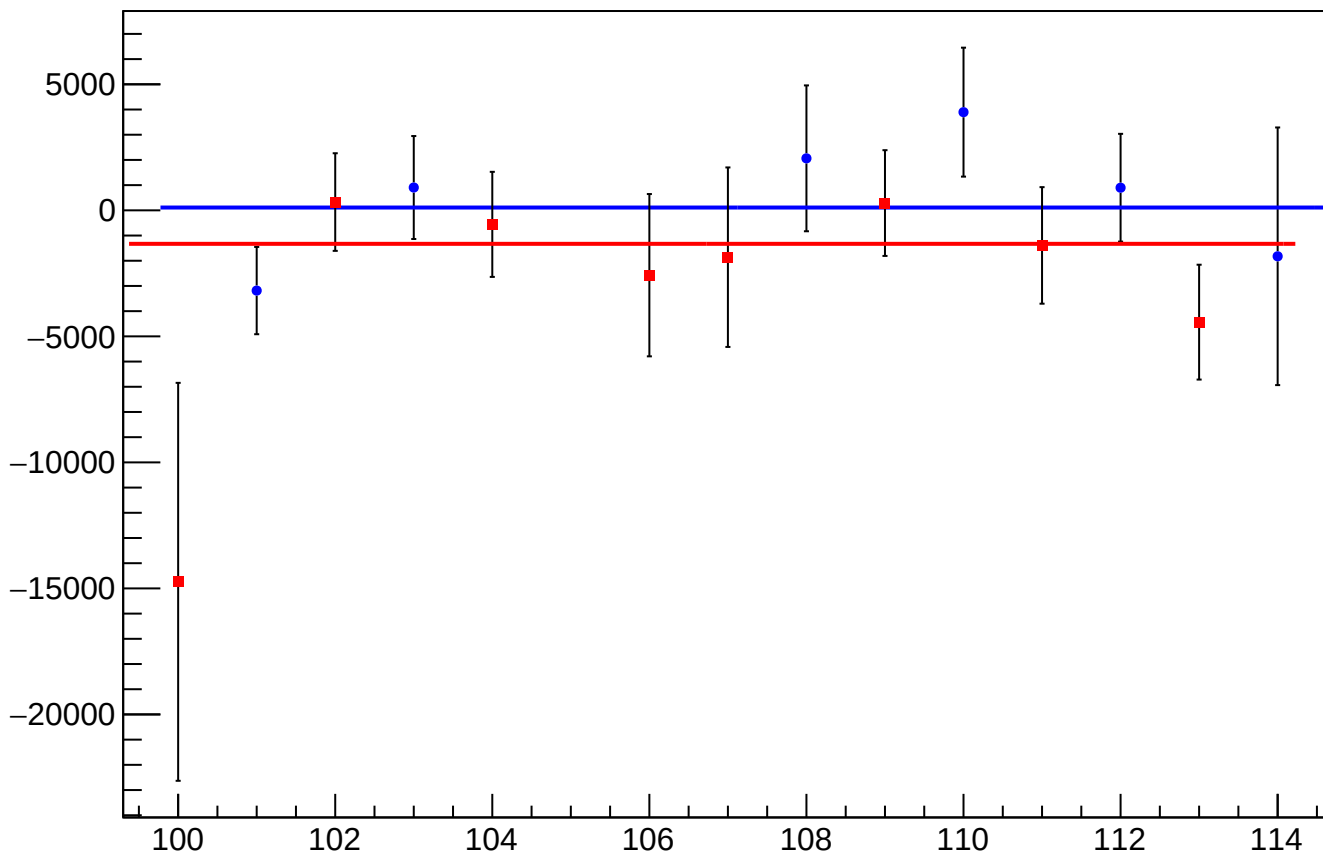
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.381 $\pm$ 0.033 χ^2 /NDF: 79879.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug



Right In: 111.406 $\pm$ 952.264 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1328.892 $\pm$ 878.681 χ^2 /NDF: 6.4/7

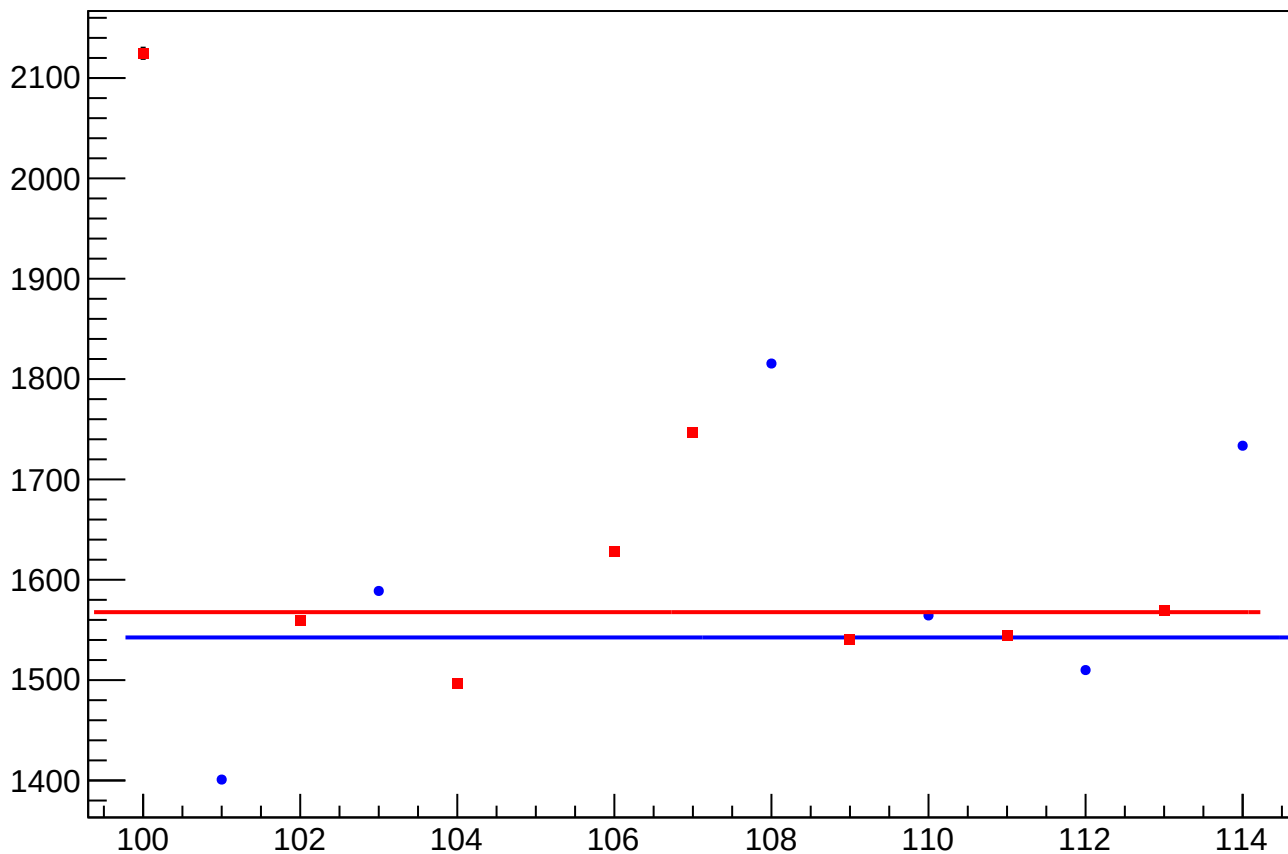
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -666.534 $\pm$ 645.770 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



Right In: 1542.518+/-0.673 χ^2/NDF : 35618.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.725+/-0.621 χ^2/NDF : 18651.1/7

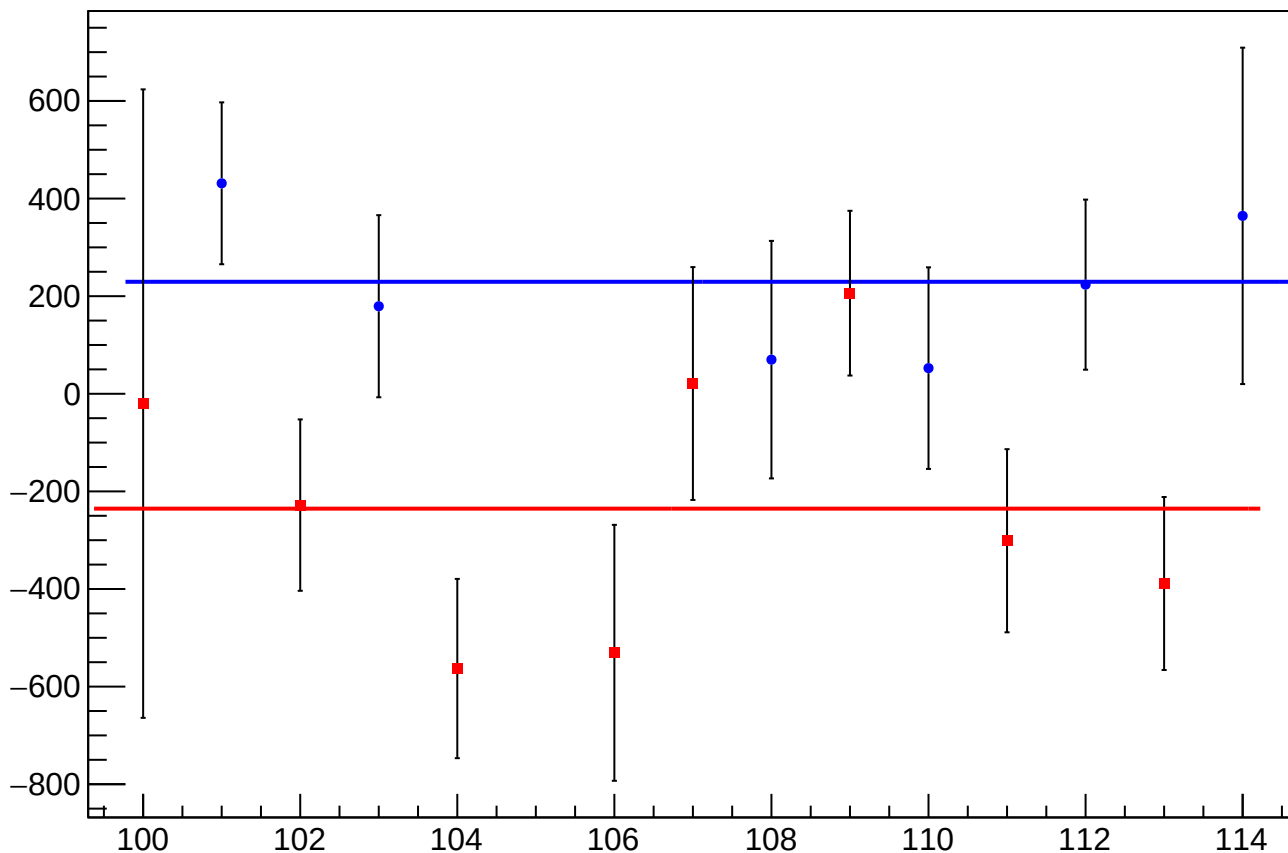
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.133+/-0.457 χ^2/NDF : 55026.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 229.490 $\pm$ 82.541 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -235.347 $\pm$ 72.176 χ^2 /NDF: 13.4/7

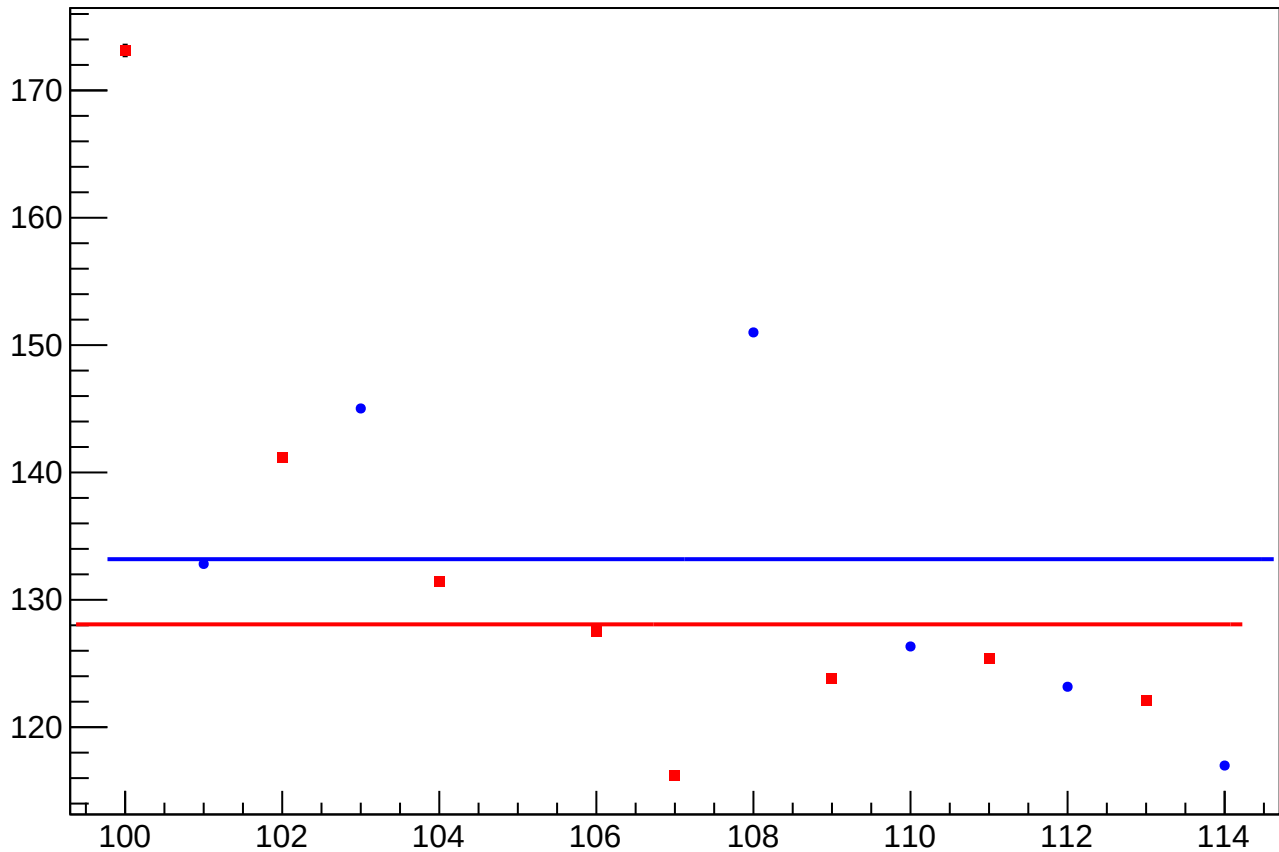
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.930 $\pm$ 54.334 χ^2 /NDF: 34.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 133.191 $\pm$ 0.058 χ^2 /NDF: 31999.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.074 $\pm$ 0.051 χ^2 /NDF: 30477.6/7

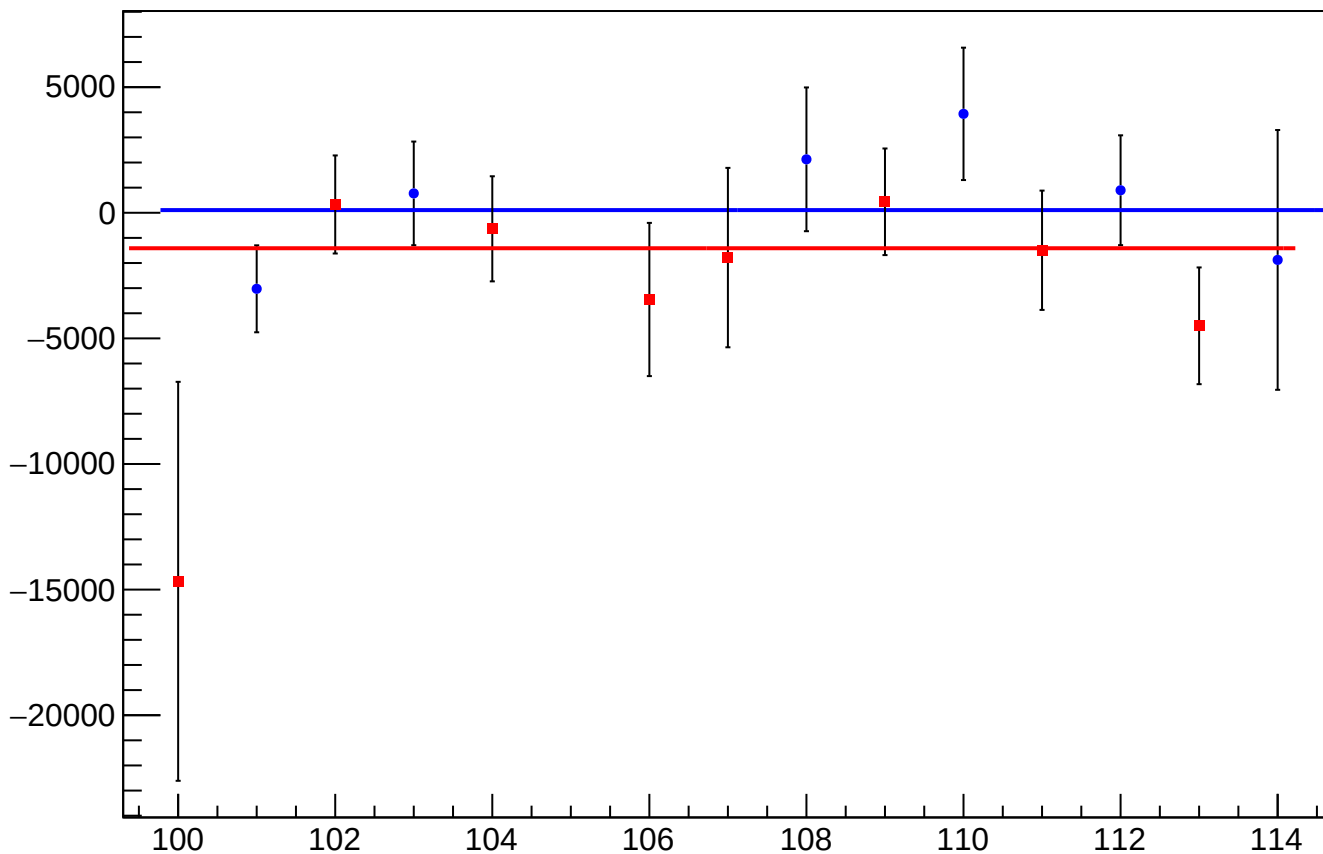
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.291 $\pm$ 0.038 χ^2 /NDF: 66833.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: 106.638 $\pm$ 961.491 χ^2/NDF : 6.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1411.973 $\pm$ 884.682 χ^2/NDF : 6.7/7

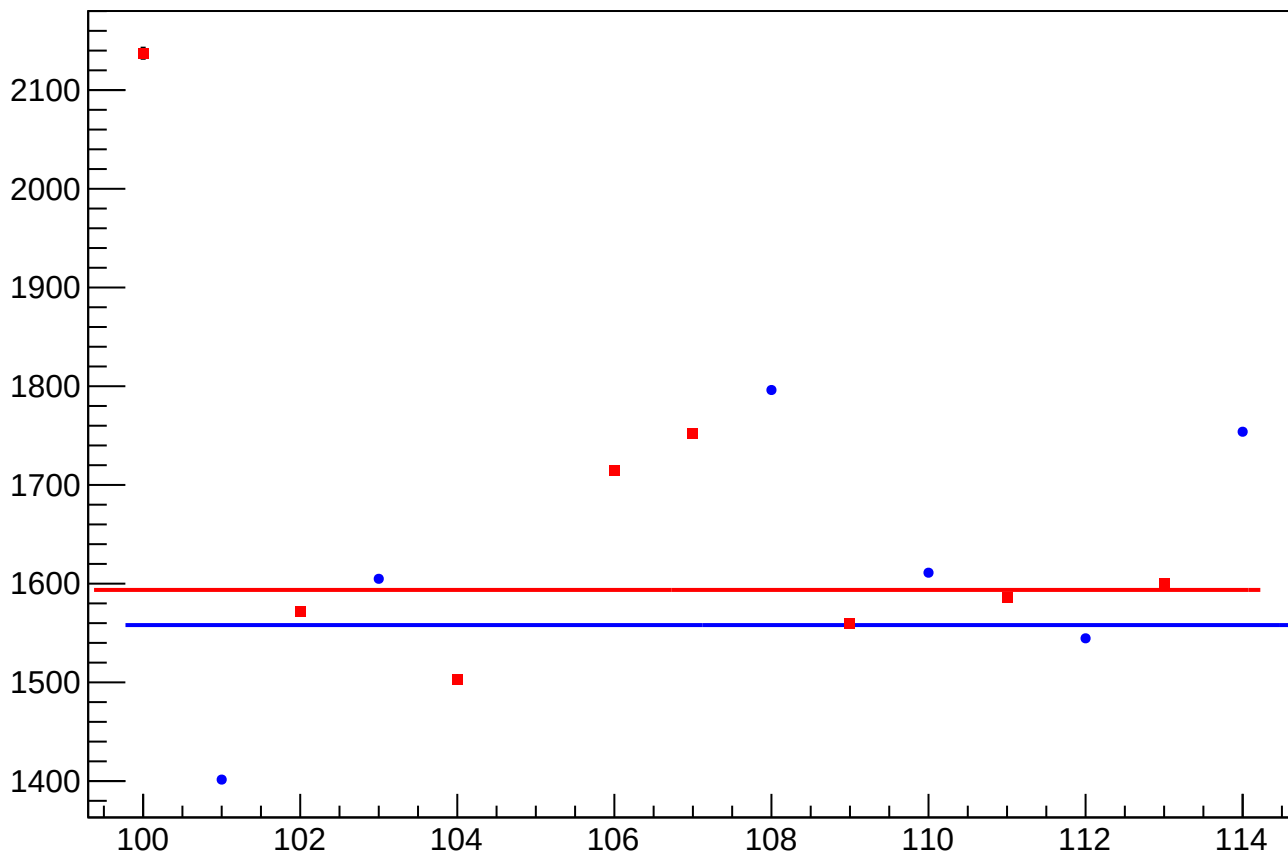
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -715.739 $\pm$ 651.028 χ^2/NDF : 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1558.041+/-0.680 χ^2/NDF : 35001.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.648+/-0.626 χ^2/NDF : 21054.5/7

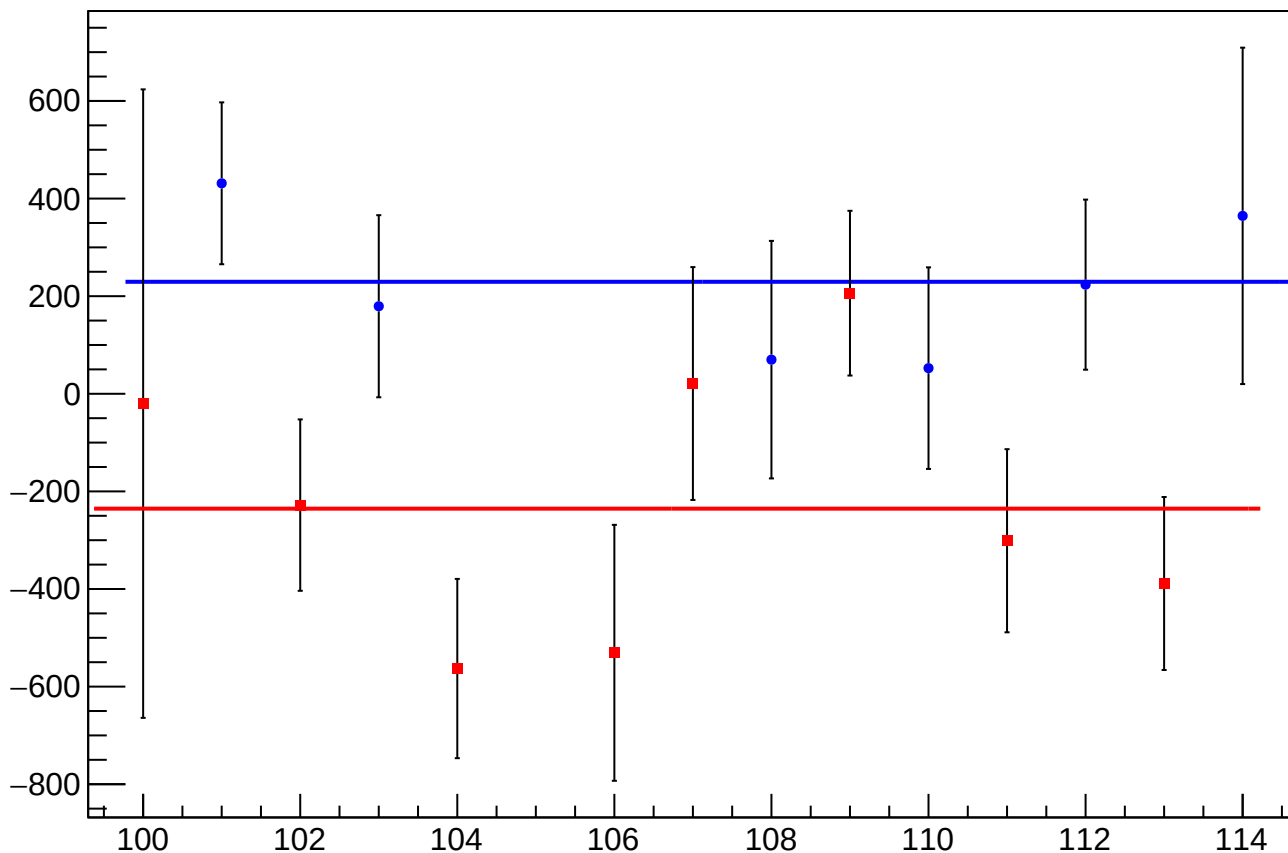
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.323+/-0.460 χ^2/NDF : 57541.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 229.484 $\pm$ 82.540 χ^2 /NDF: 2.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -235.342 $\pm$ 72.176 χ^2 /NDF: 13.4/7

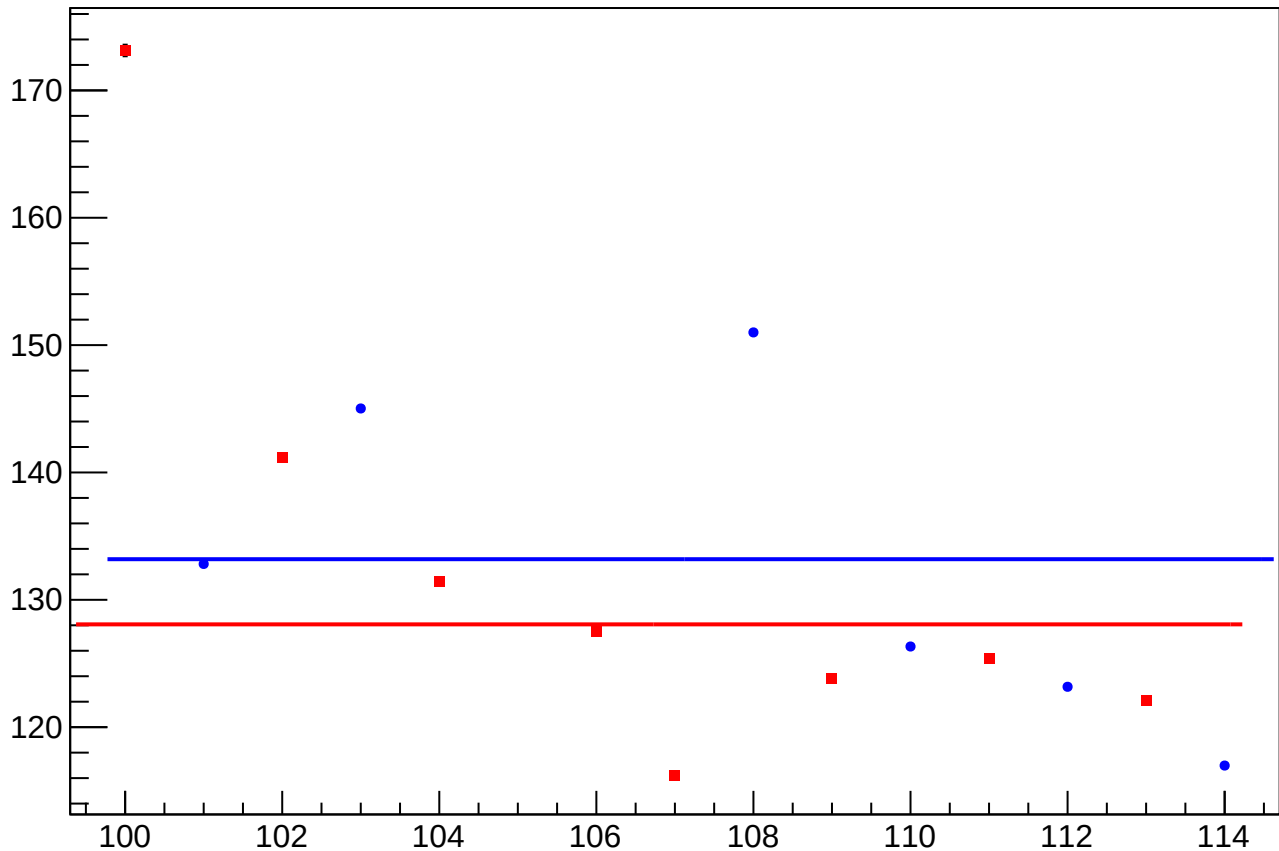
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -33.930 $\pm$ 54.333 χ^2 /NDF: 34.3/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 133.190 $\pm$ 0.058 χ^2 /NDF: 32004.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.073 $\pm$ 0.051 χ^2 /NDF: 30480.0/7

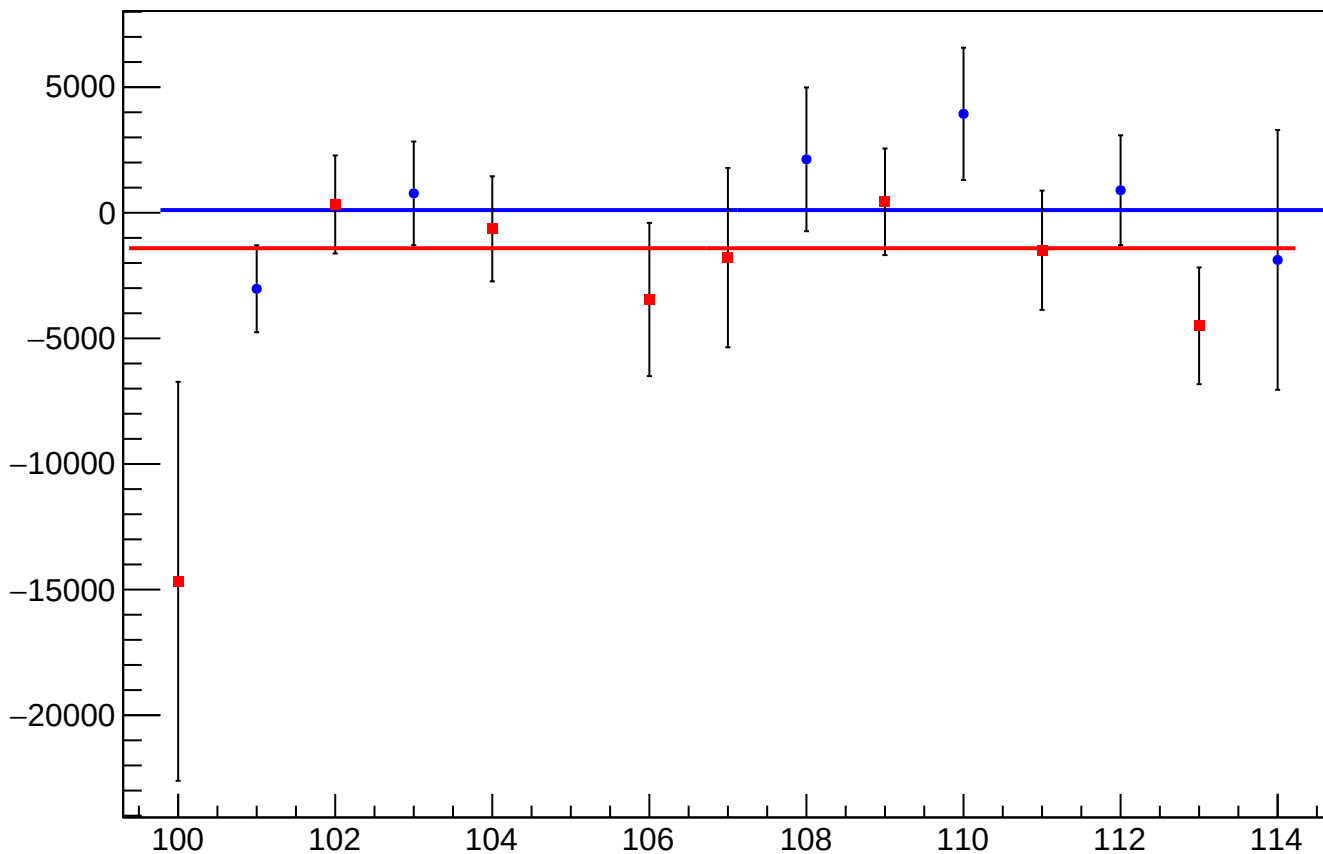
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.290 $\pm$ 0.038 χ^2 /NDF: 66840.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: 106.639 $\pm$ 961.488 χ^2 /NDF: 6.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1411.970 $\pm$ 884.680 χ^2 /NDF: 6.7/7

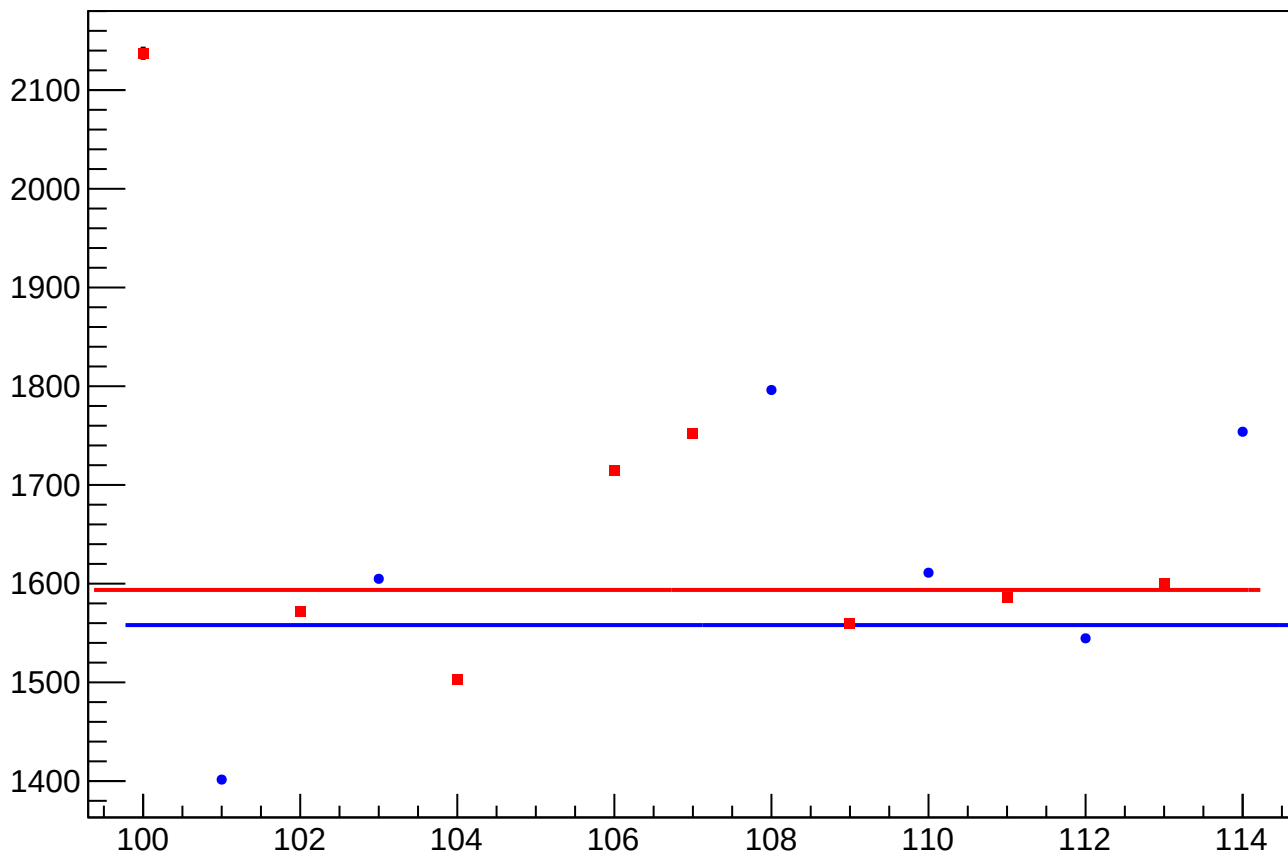
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -715.737 $\pm$ 651.026 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1558.038 $\pm$ 0.680 χ^2 /NDF: 35000.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1593.644 $\pm$ 0.626 χ^2 /NDF: 21054.8/7

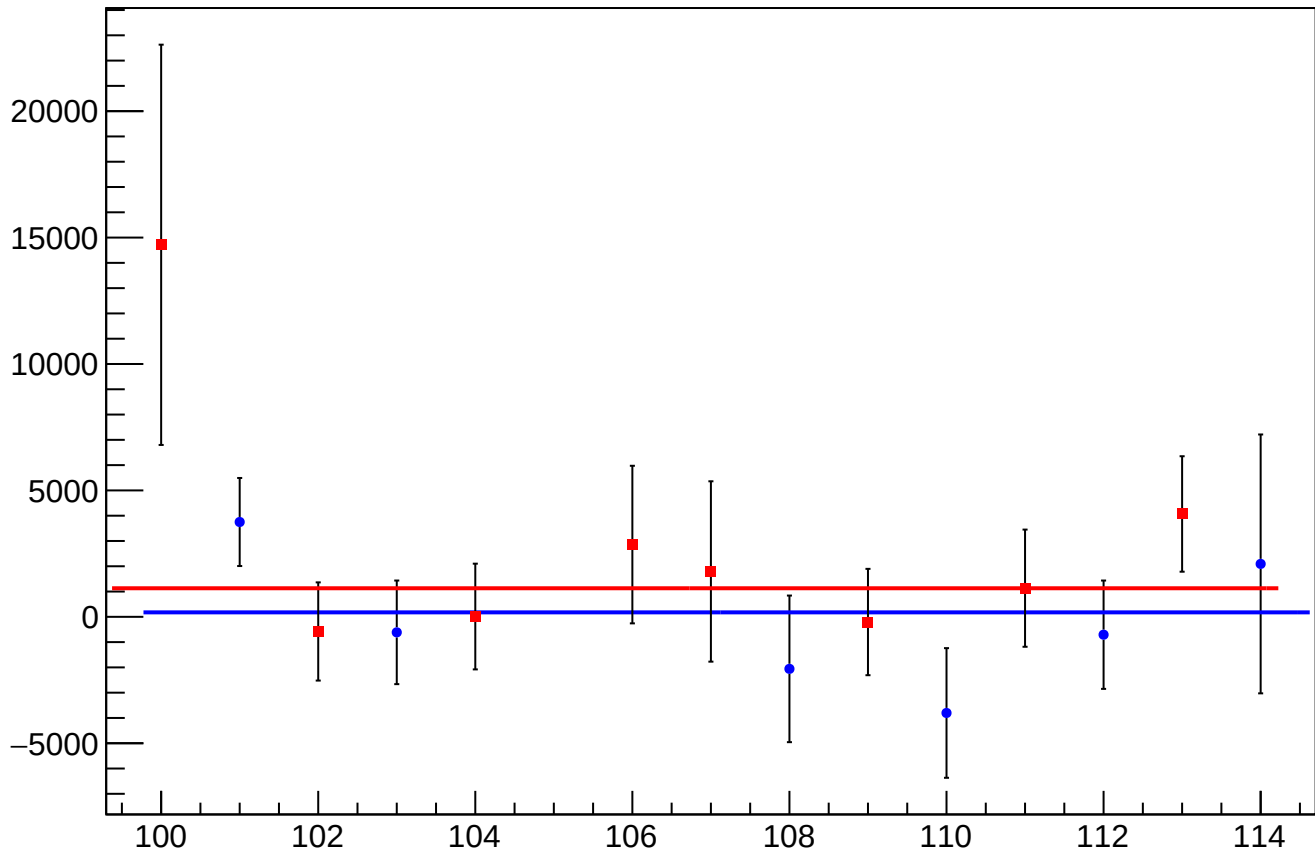
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1577.319 $\pm$ 0.460 χ^2 /NDF: 57540.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 176.556 $\pm$ 955.628 χ^2 /NDF: 7.7/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 1129.773 $\pm$ 878.574 χ^2 /NDF: 6.4/7

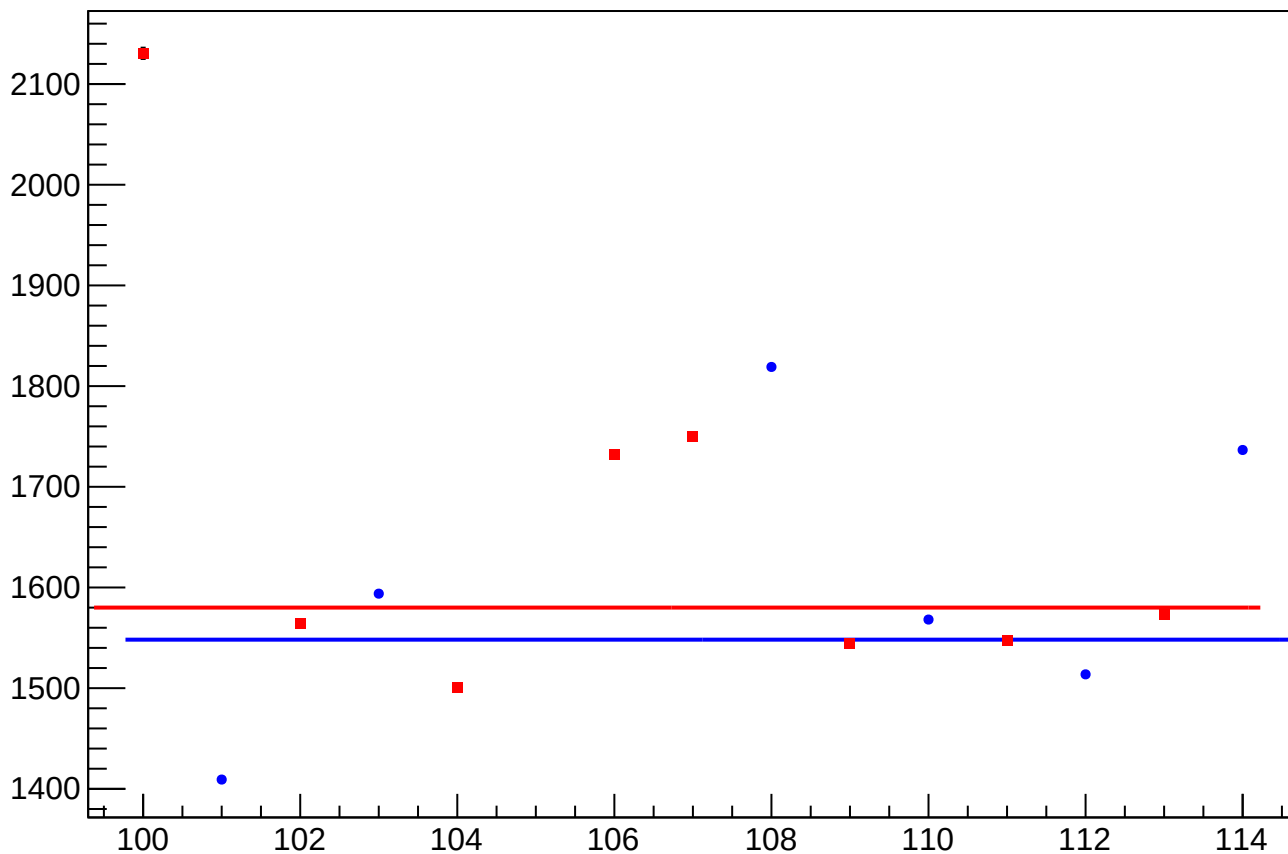
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 693.138 $\pm$ 646.773 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1548.177 $\pm$ 0.676 χ^2 /NDF: 34530.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1580.035 $\pm$ 0.621 χ^2 /NDF: 22916.4/7

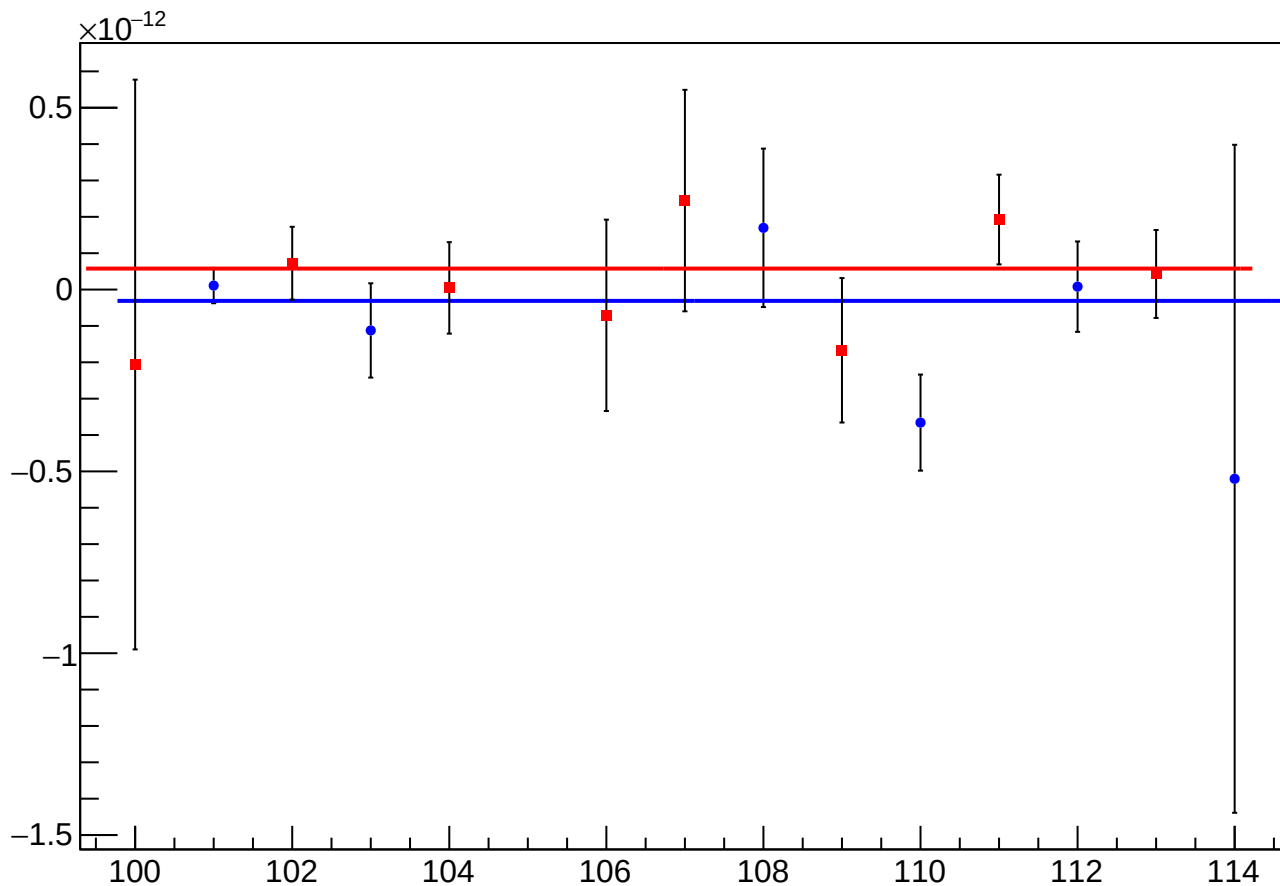
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1565.442 $\pm$ 0.457 χ^2 /NDF: 58651.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 8.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.4/7

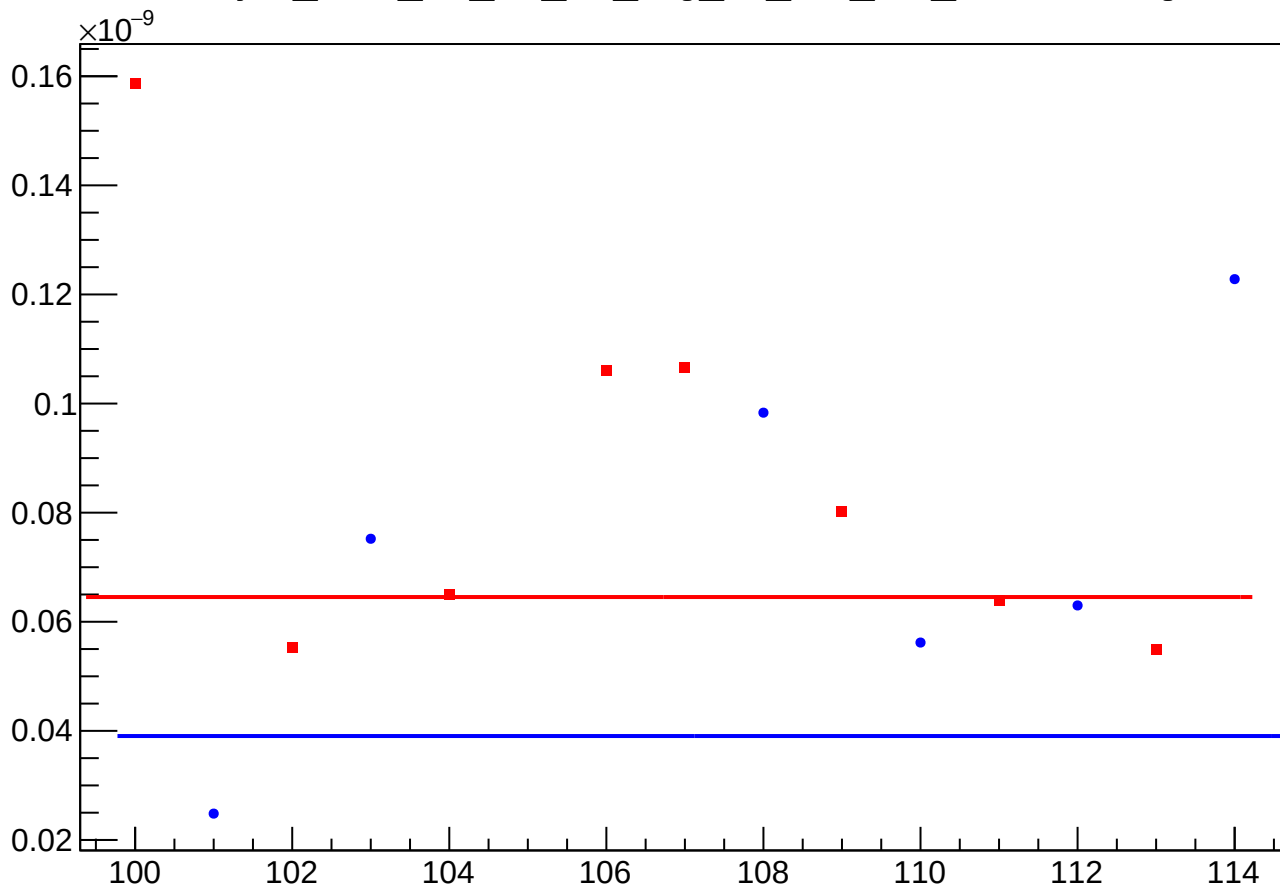
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 14.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 599677.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 159099.6/7

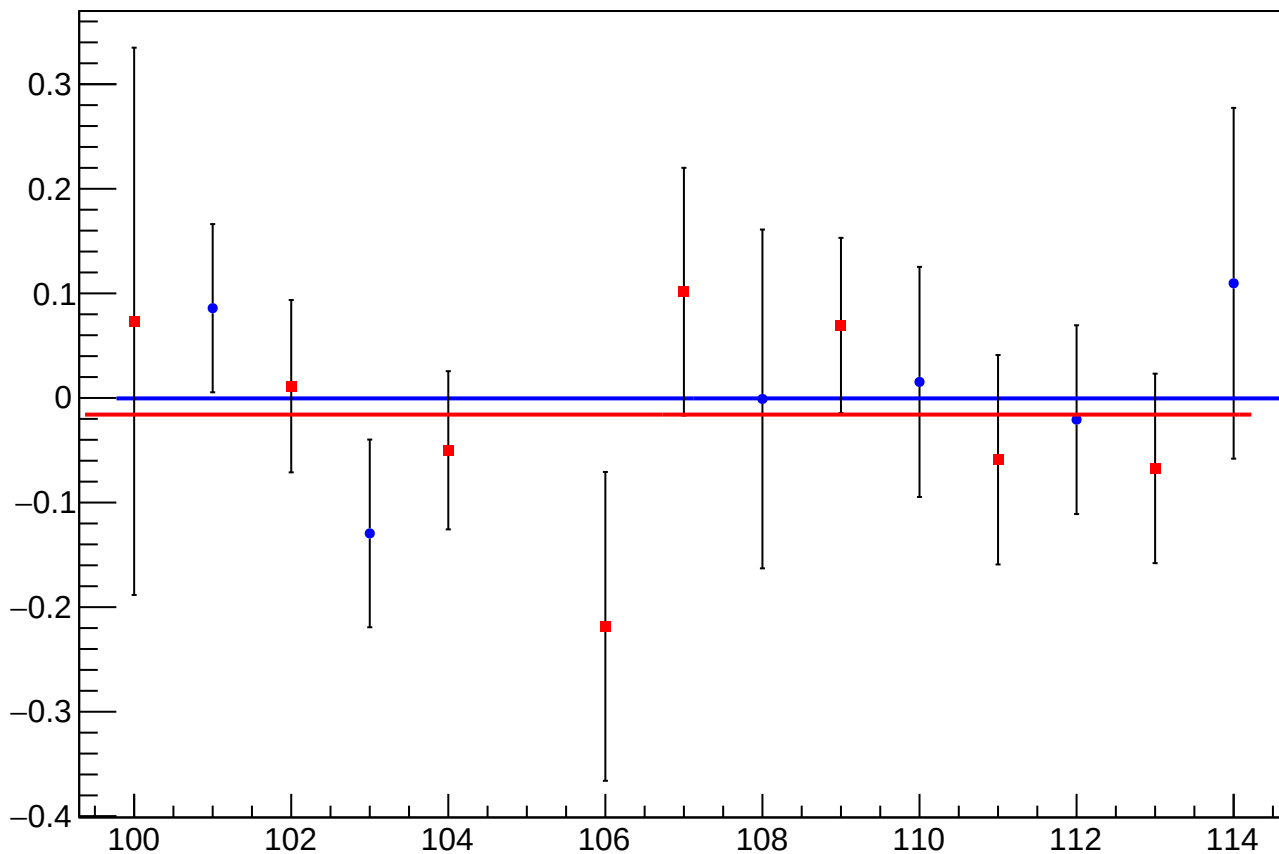
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1050150.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.042 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.035 χ^2 /NDF: 4.8/7

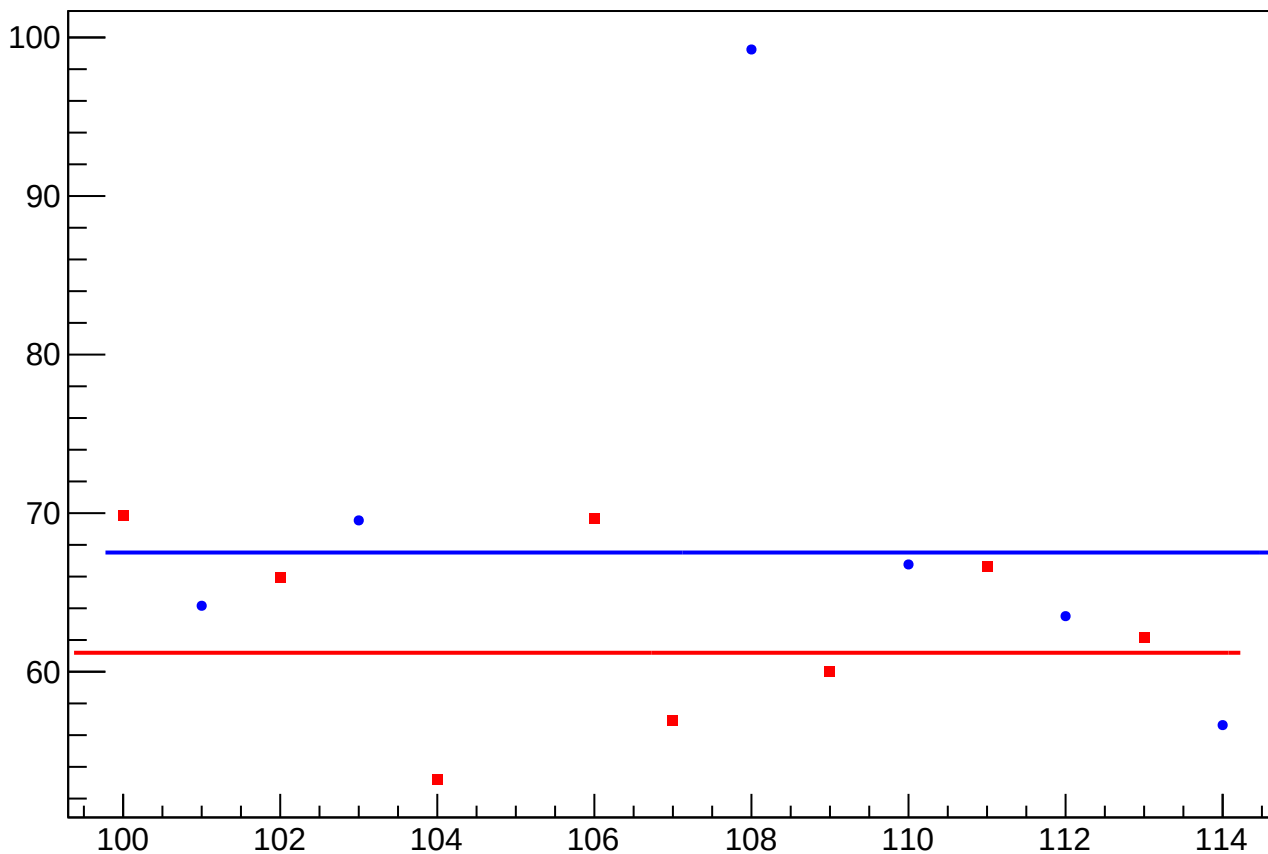
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.027 χ^2 /NDF: 8.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug



Right In: 67.517 $\pm$ 0.030 χ^2 /NDF: 93700.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.195 $\pm$ 0.025 χ^2 /NDF: 46940.6/7

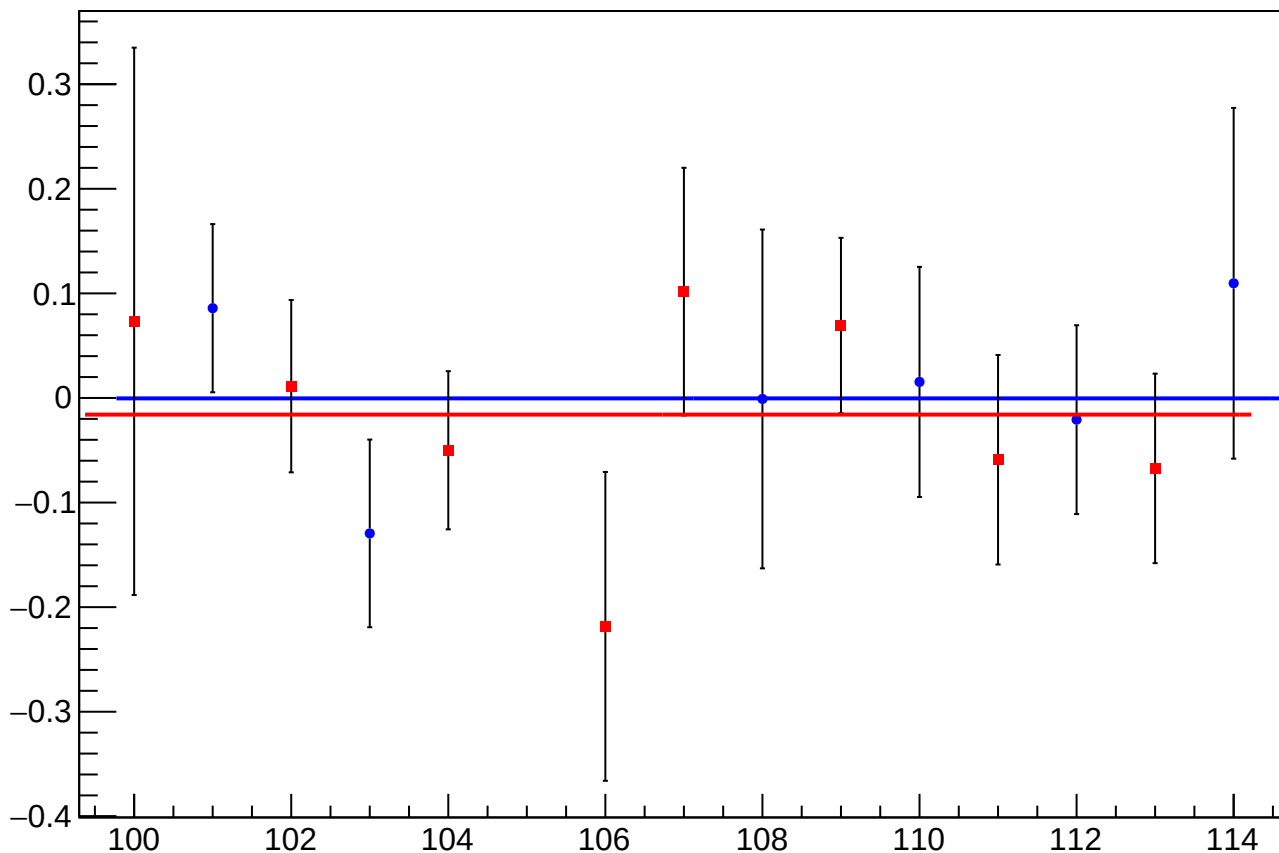
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.759 $\pm$ 0.019 χ^2 /NDF: 167152.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.042 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.035 χ^2 /NDF: 4.8/7

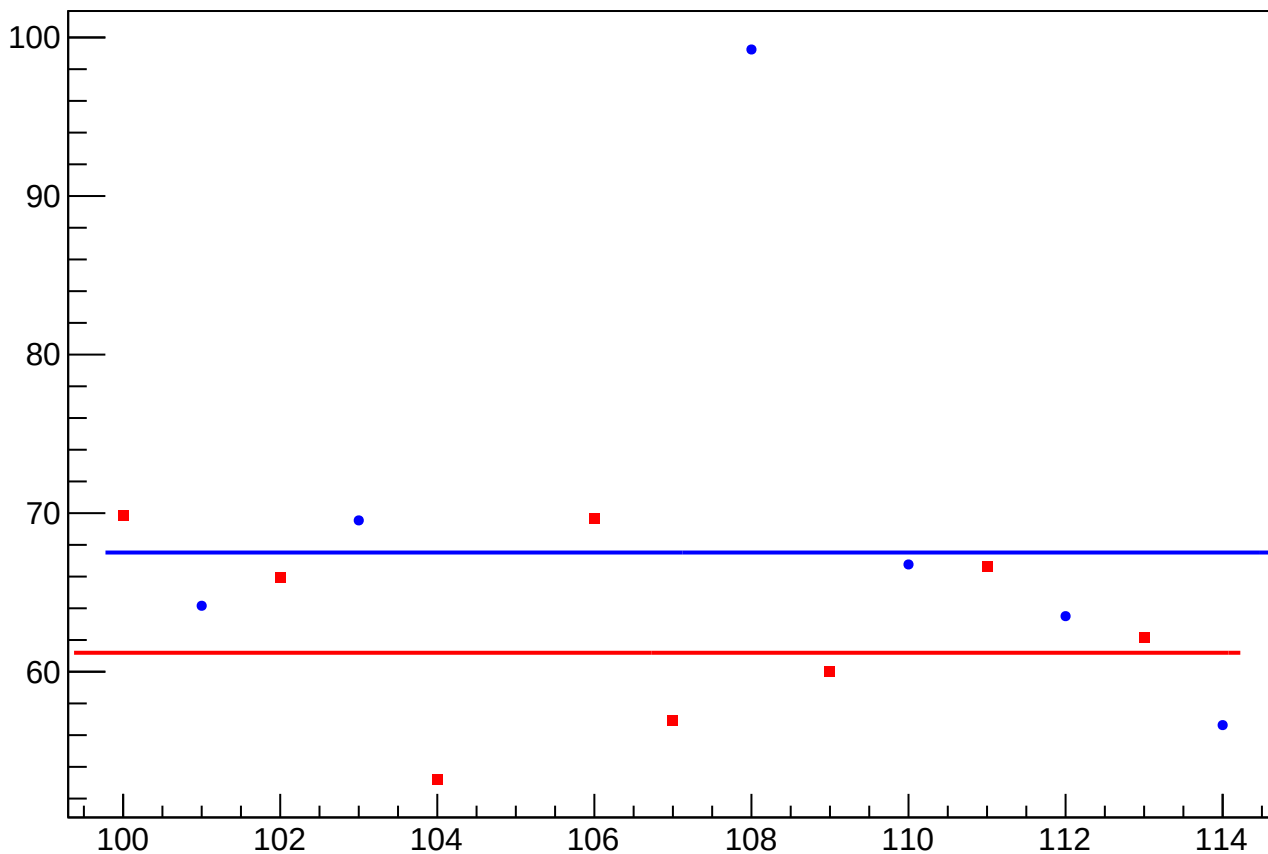
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.027 χ^2 /NDF: 8.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.517 $\pm$ 0.030 χ^2 /NDF: 93700.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.195 $\pm$ 0.025 χ^2 /NDF: 46940.6/7

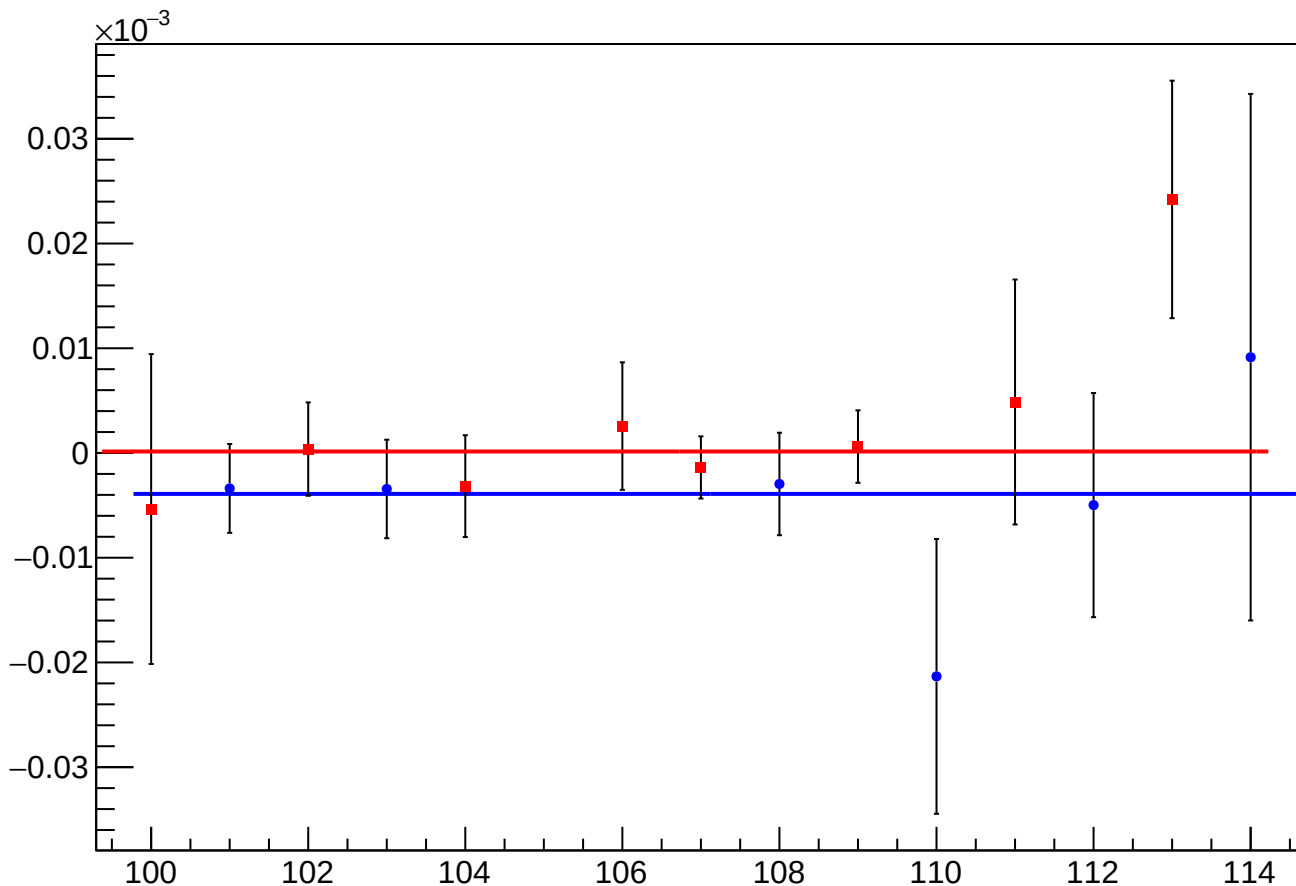
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.759 $\pm$ 0.019 χ^2 /NDF: 167152.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.7/7

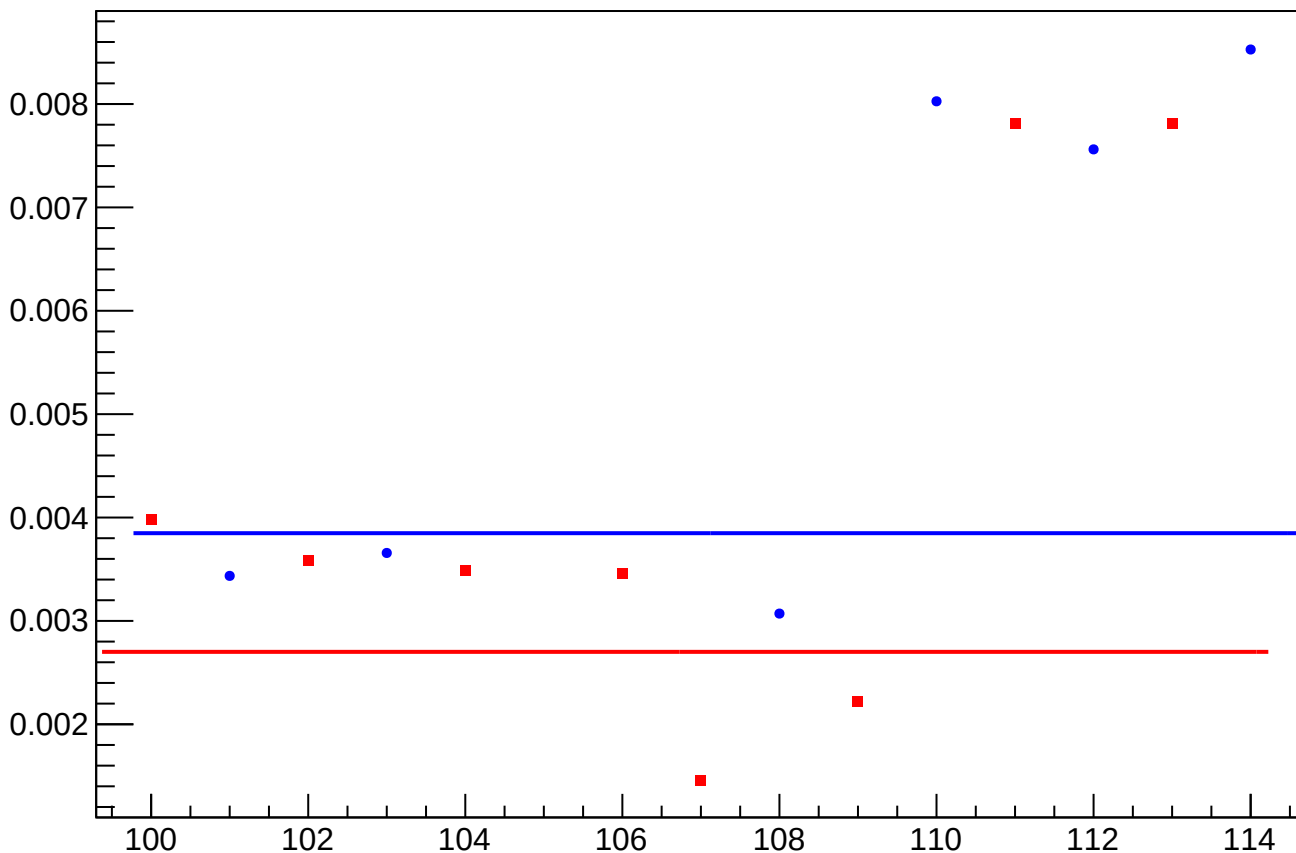
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.6/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 585572.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1356843.8/7

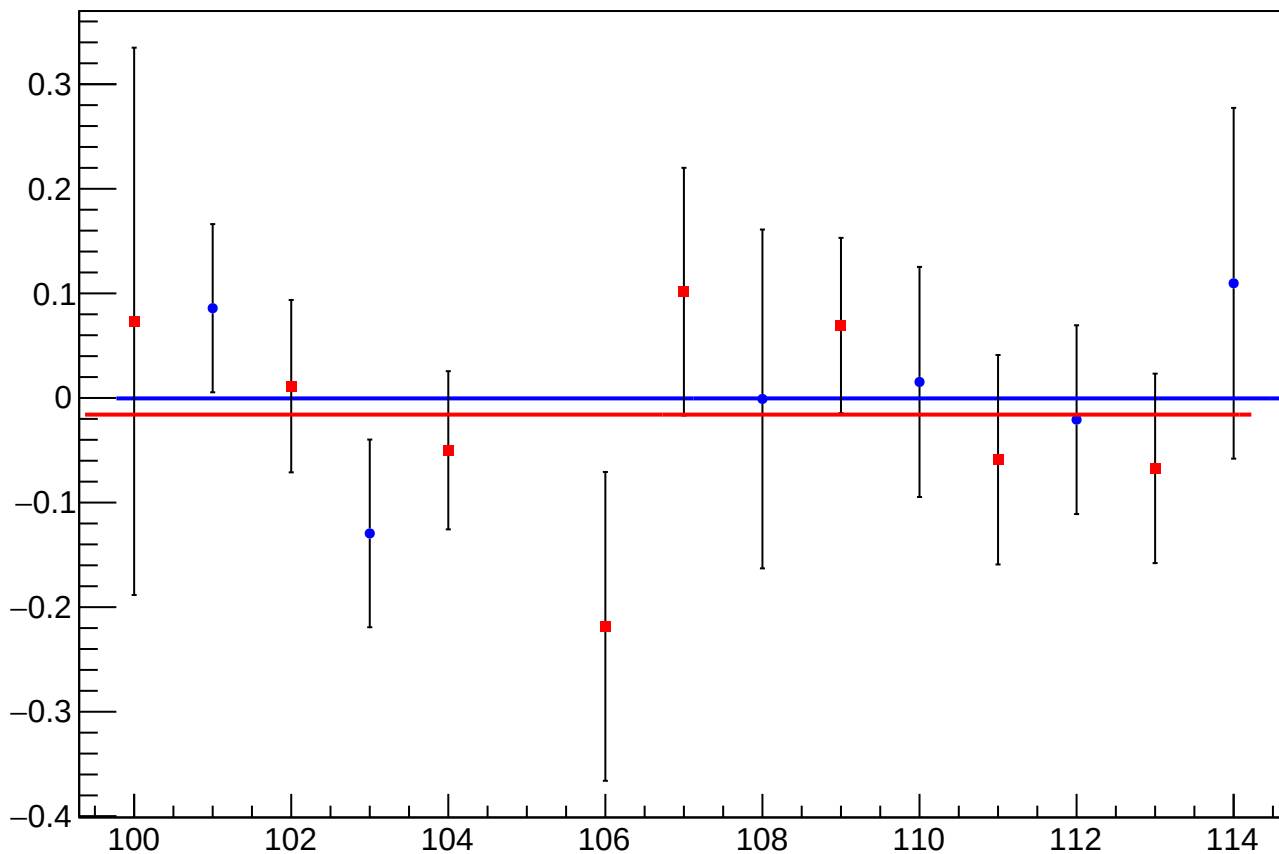
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2226594.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.042 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.035 χ^2 /NDF: 4.8/7

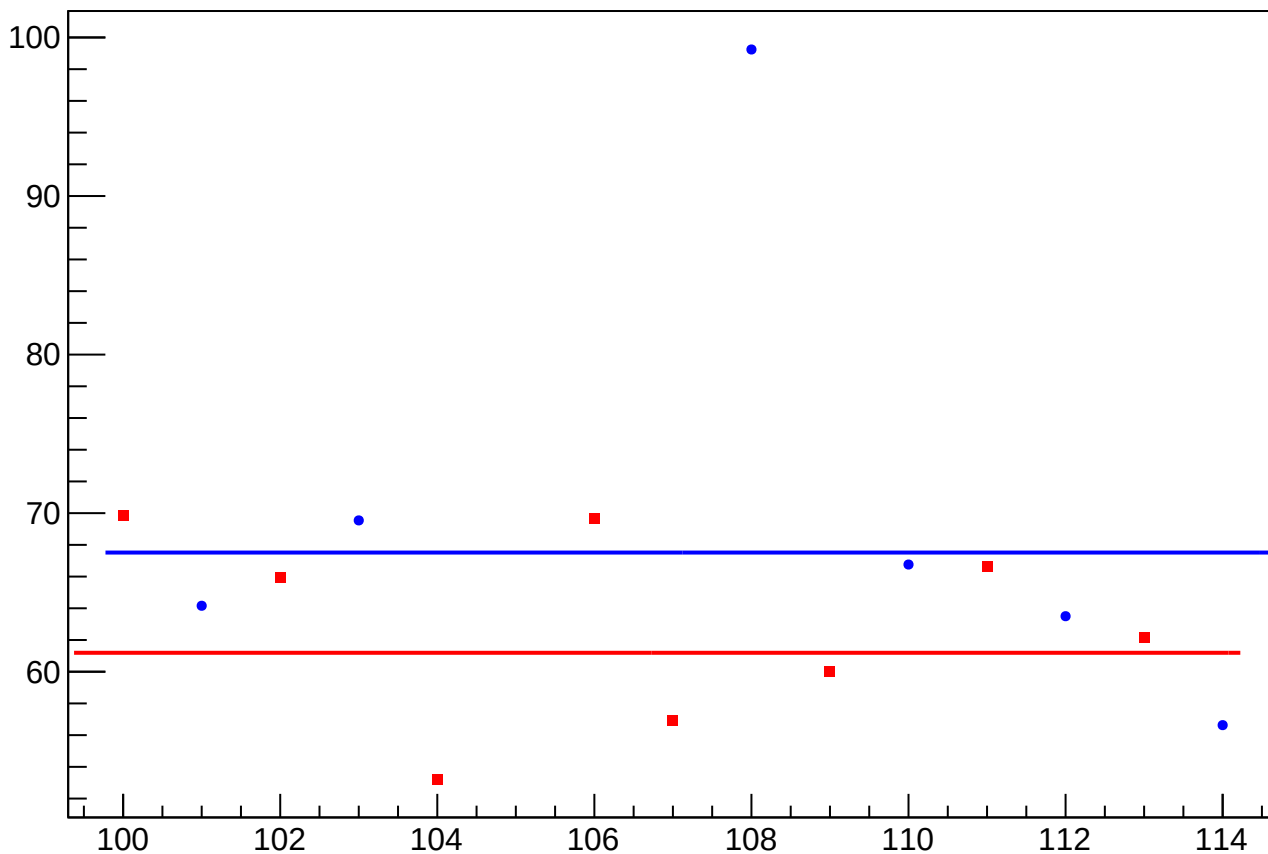
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.027 χ^2 /NDF: 8.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 67.515 $\pm$ 0.030 χ^2 /NDF: 93712.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.194 $\pm$ 0.025 χ^2 /NDF: 46931.4/7

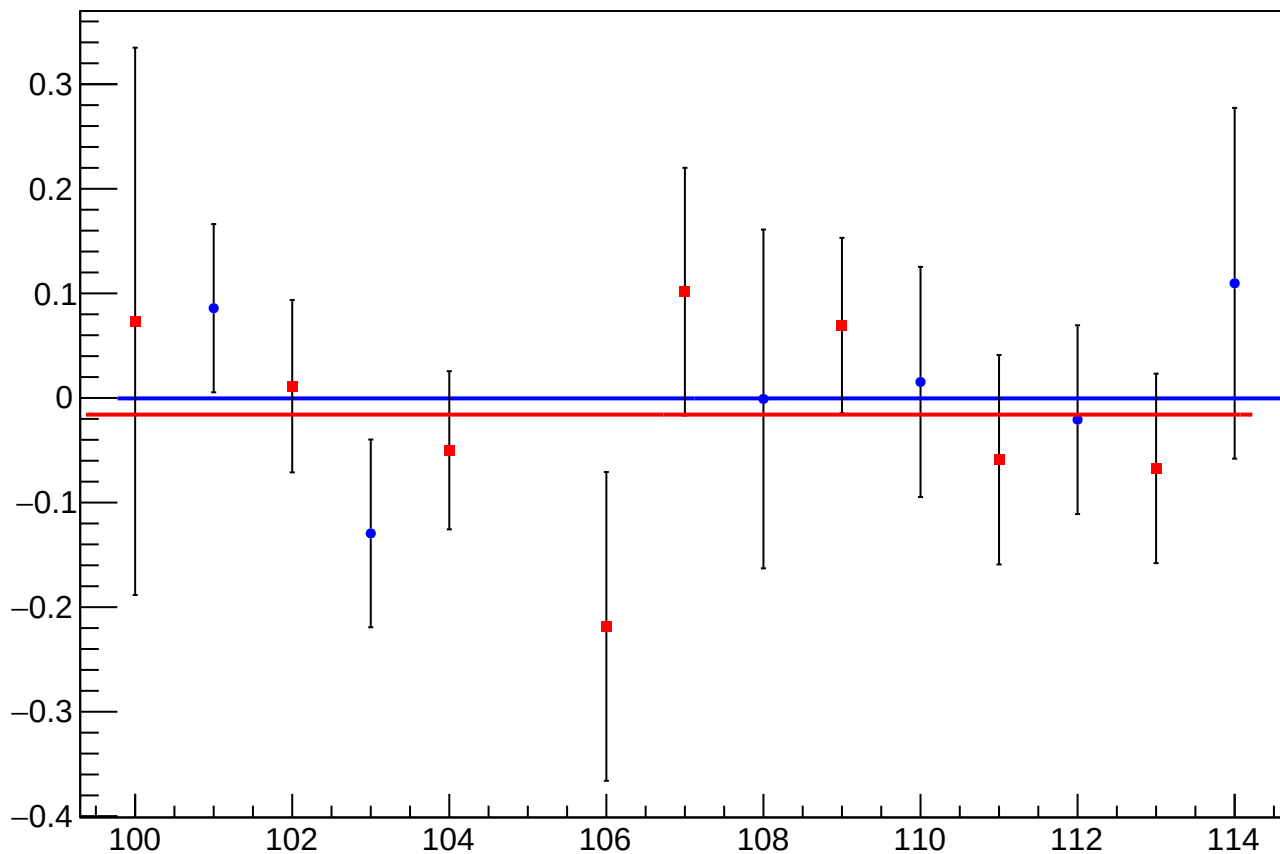
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.757 $\pm$ 0.019 χ^2 /NDF: 167152.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.000+/-0.042 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.035 χ^2/NDF : 4.8/7

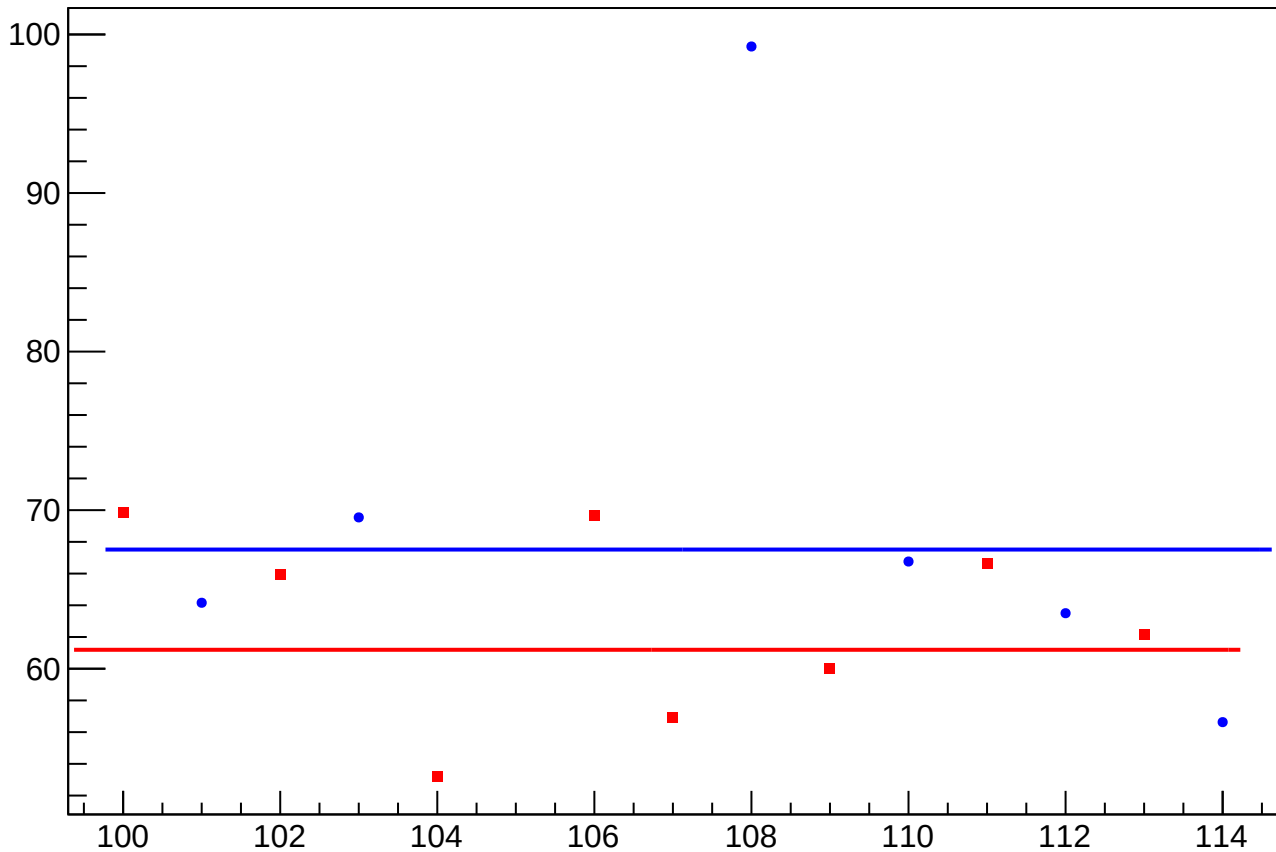
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.027 χ^2/NDF : 8.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.515+/-0.030 χ^2/NDF : 93712.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.194+/-0.025 χ^2/NDF : 46931.4/7

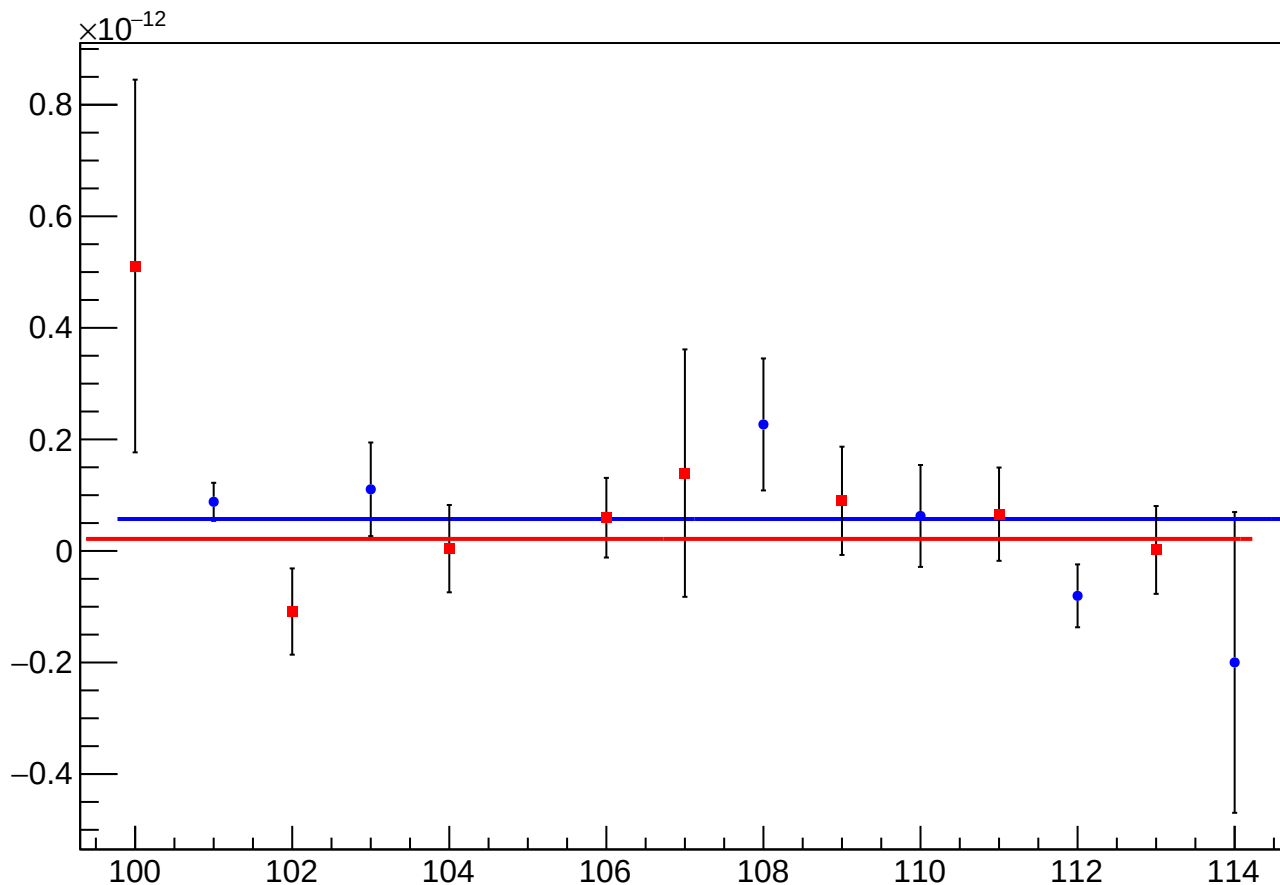
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.757+/-0.019 χ^2/NDF : 167152.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/7

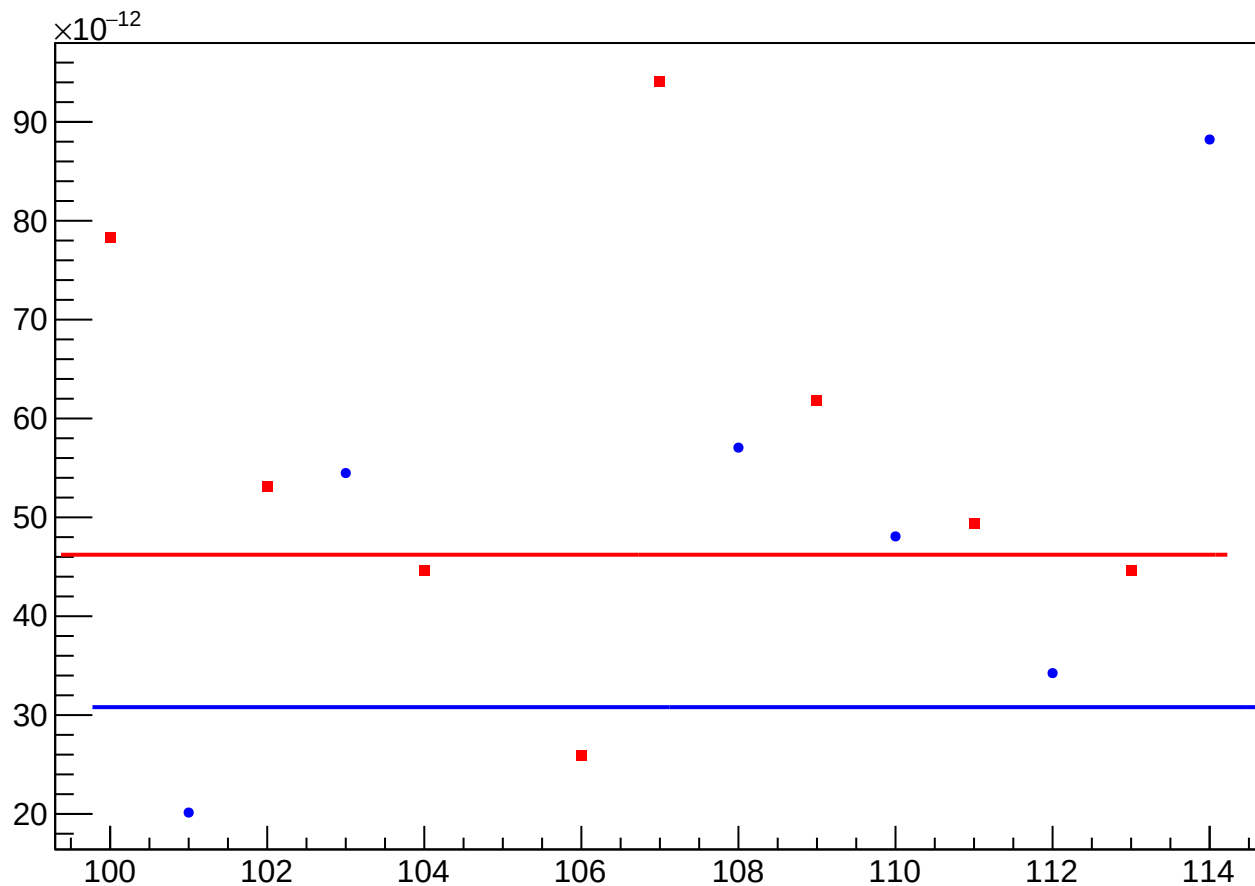
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 623125.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 345998.3/7

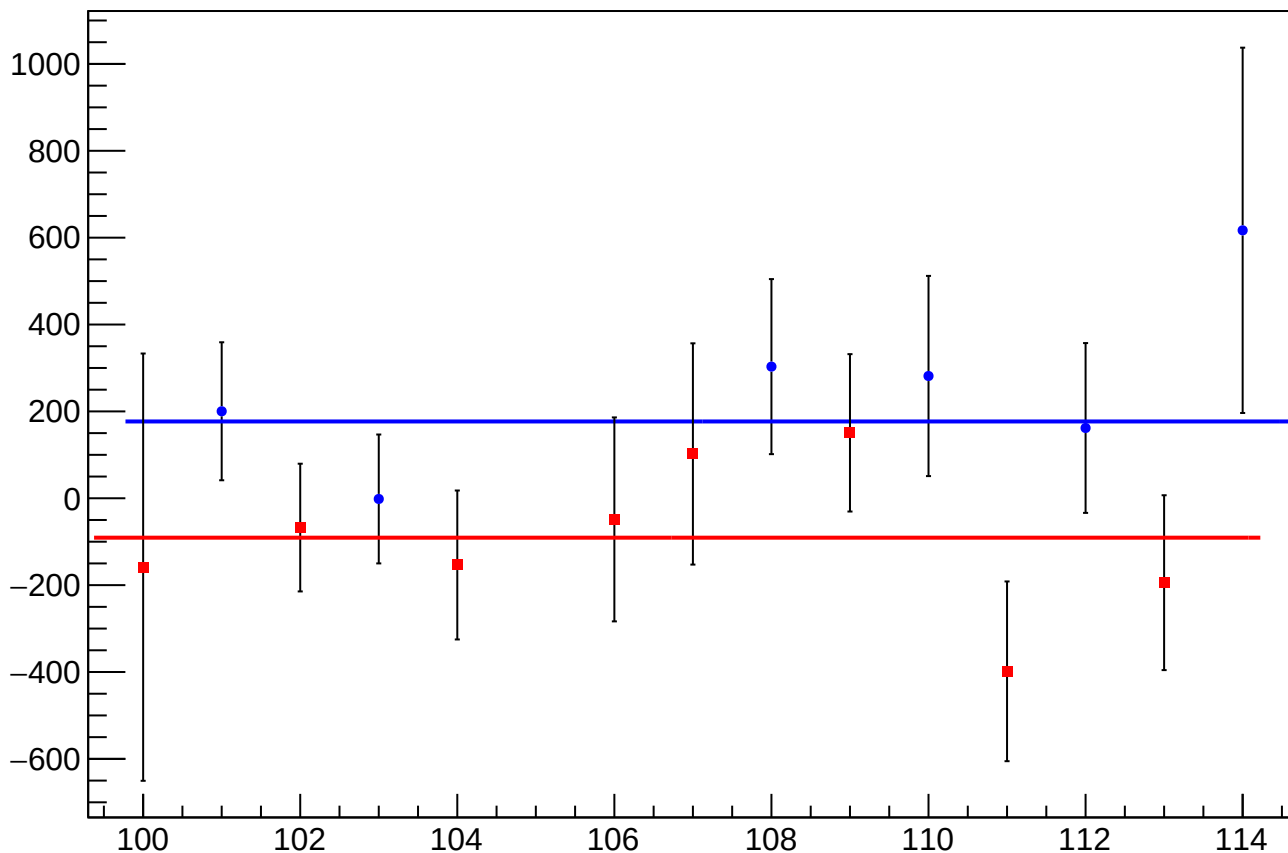
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1250175.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 176.849 $\pm$ 78.980 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.728 $\pm$ 71.345 χ^2 /NDF: 5.0/7

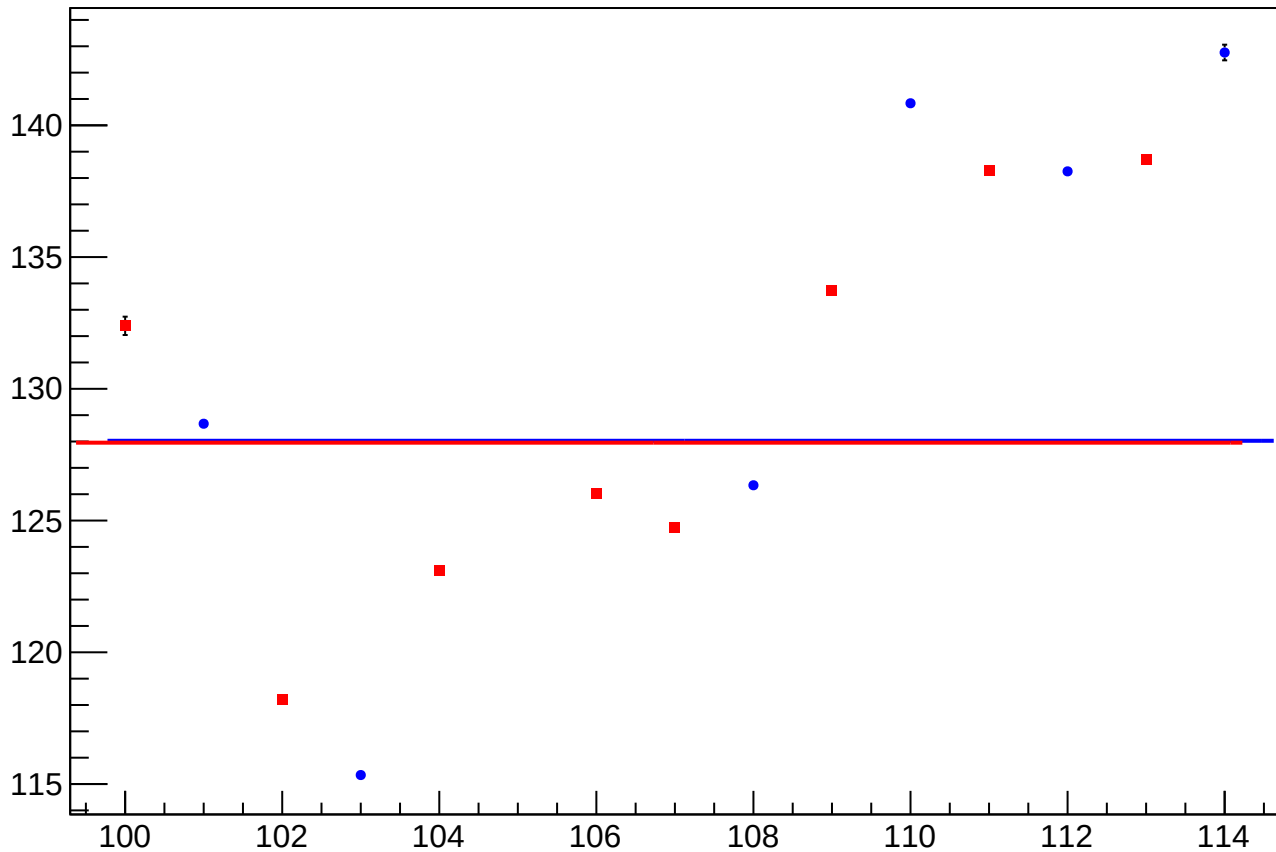
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.504 $\pm$ 52.942 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 128.028 $\pm$ 0.056 χ^2 /NDF: 28897.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.956 $\pm$ 0.050 χ^2 /NDF: 23667.4/7

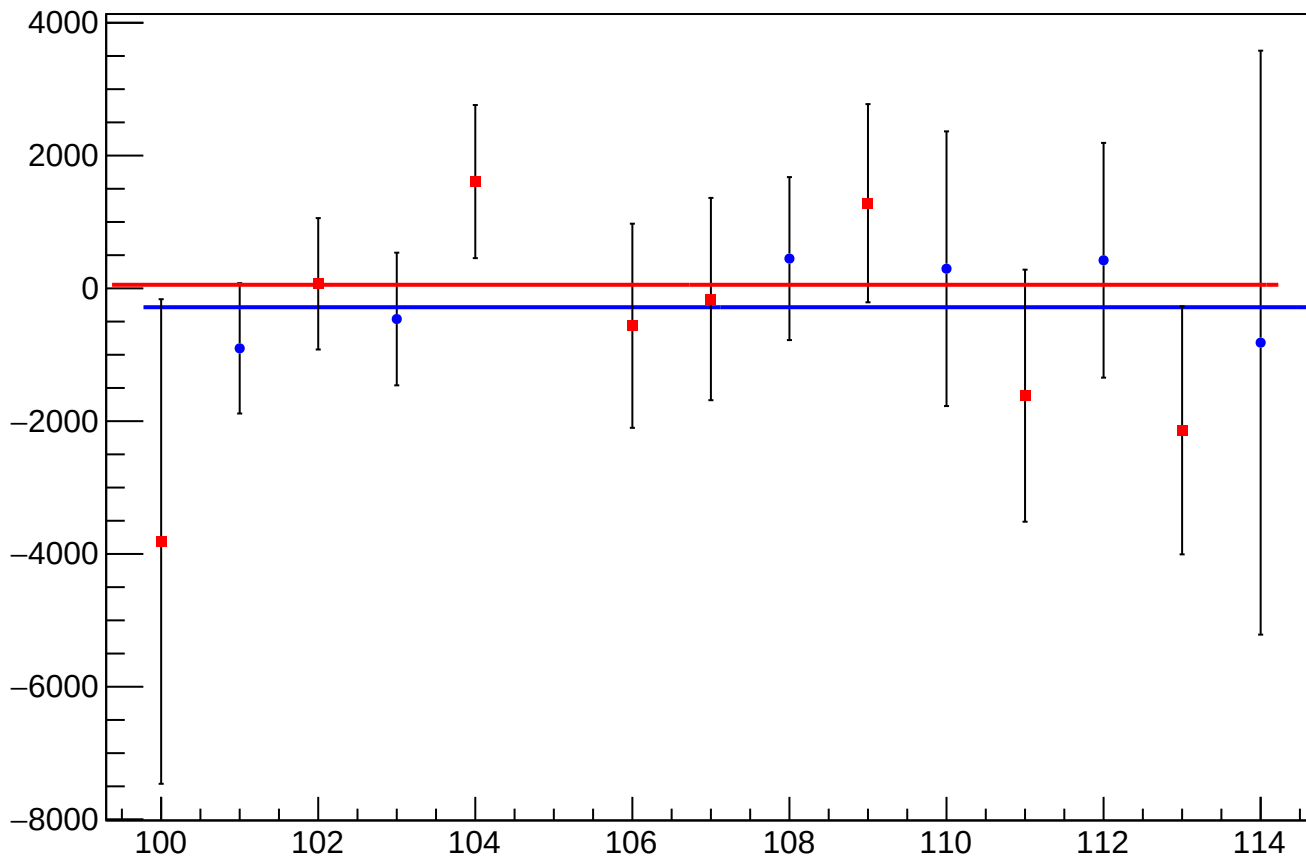
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.988 $\pm$ 0.037 χ^2 /NDF: 52565.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -283.921+/-549.735 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.051+/-518.752 χ^2/NDF : 6.0/7

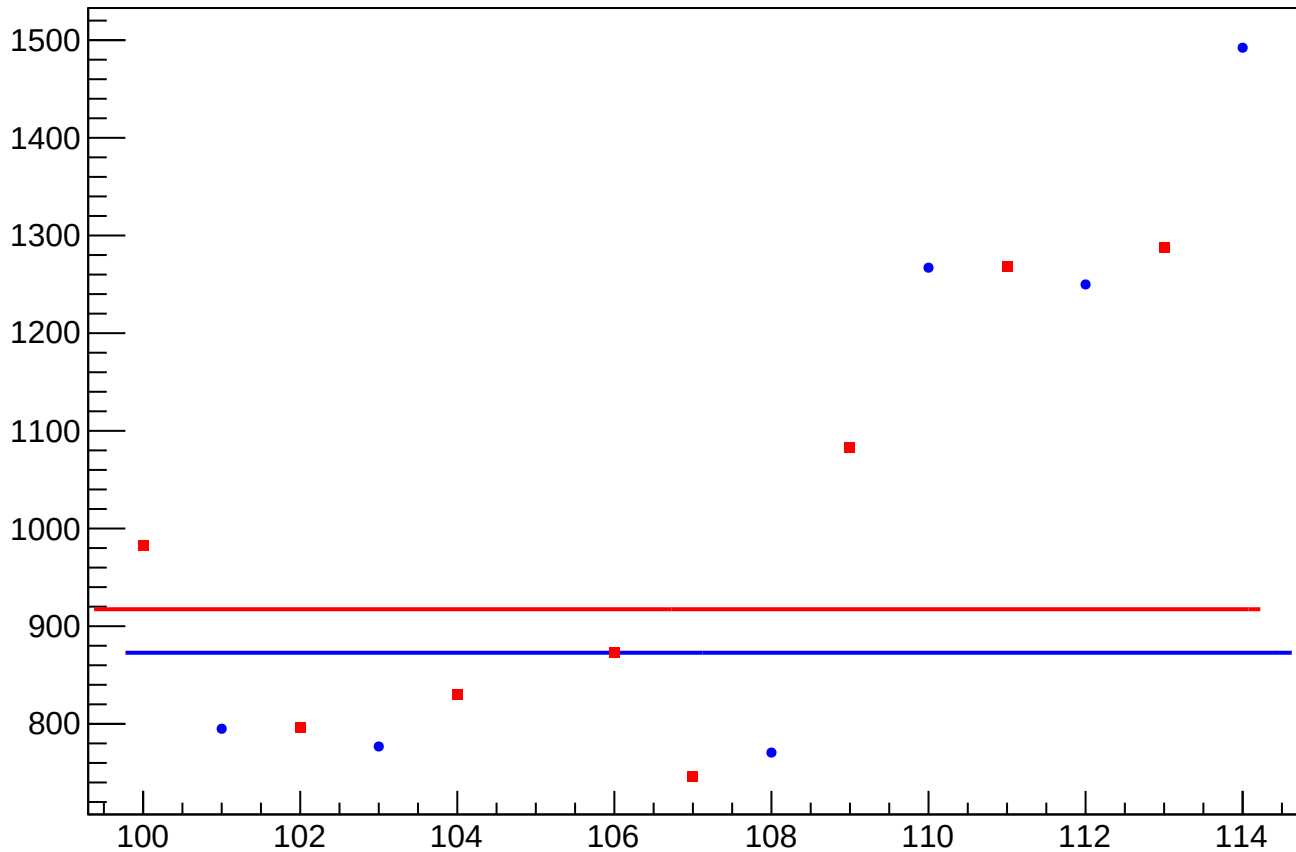
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.143+/-377.291 χ^2/NDF : 7.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 872.839+/-0.389 χ^2/NDF : 248205.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 917.362+/-0.367 χ^2/NDF : 240635.0/7

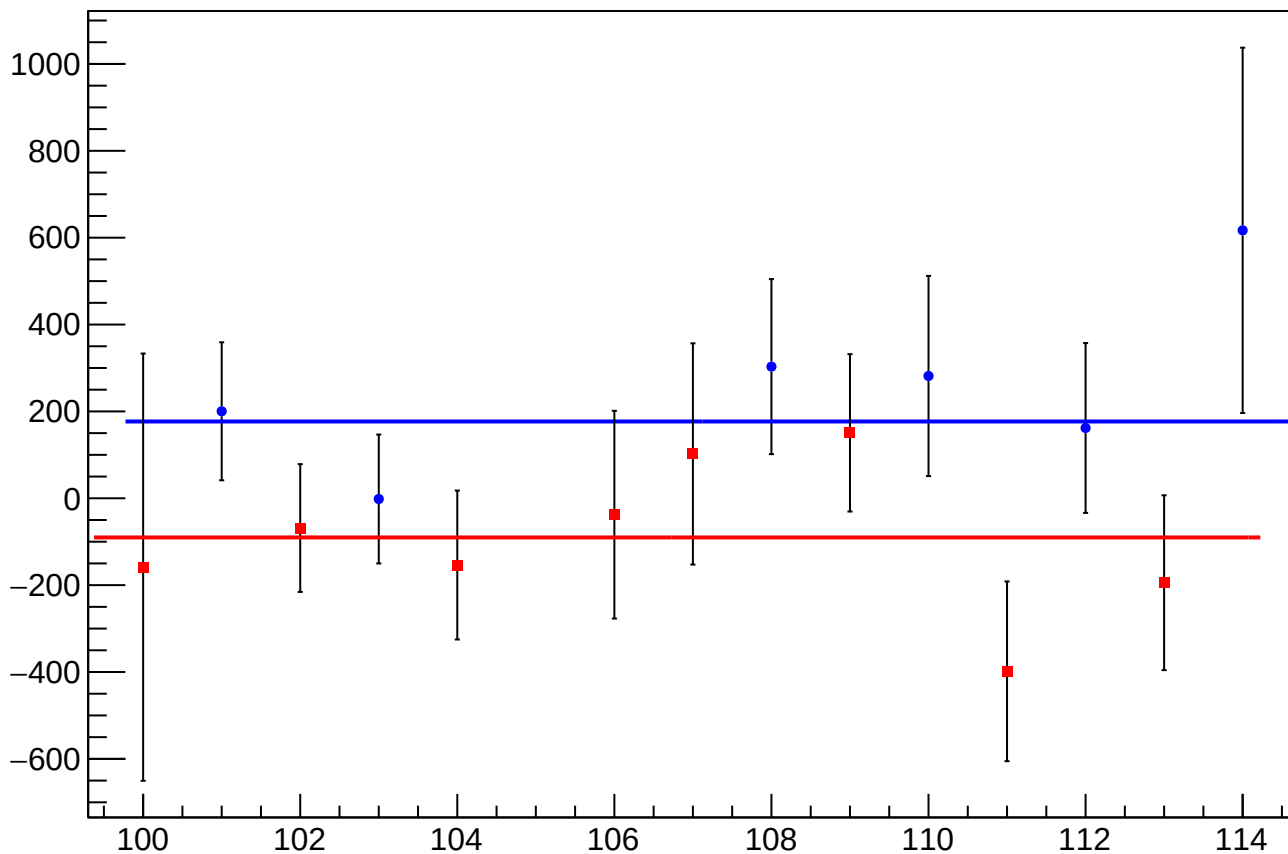
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 896.391+/-0.267 χ^2/NDF : 495779.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 176.829 $\pm$ 78.980 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.164 $\pm$ 71.469 χ^2 /NDF: 5.0/7

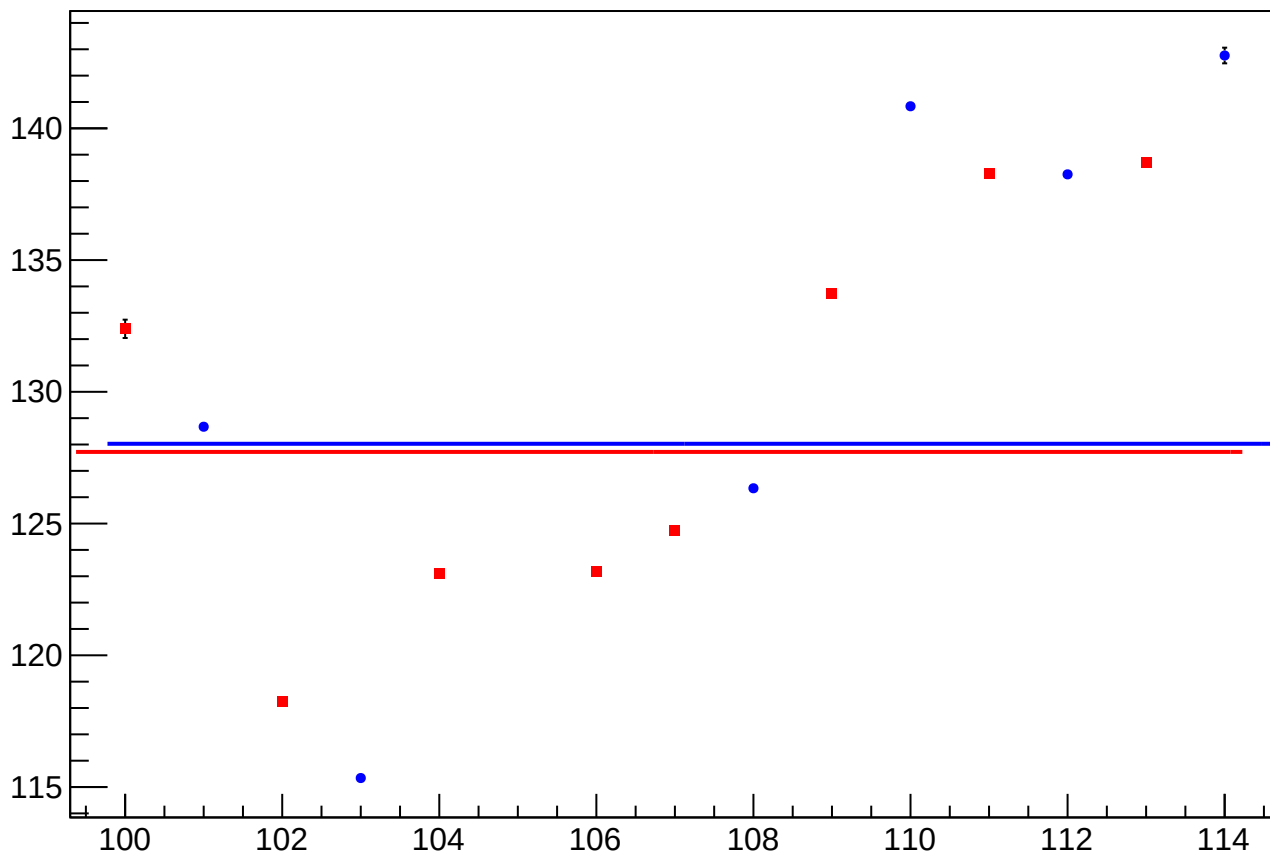
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.037 $\pm$ 52.993 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 128.028 $\pm$ 0.056 χ^2 /NDF: 28896.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.719 $\pm$ 0.051 χ^2 /NDF: 24234.3/7

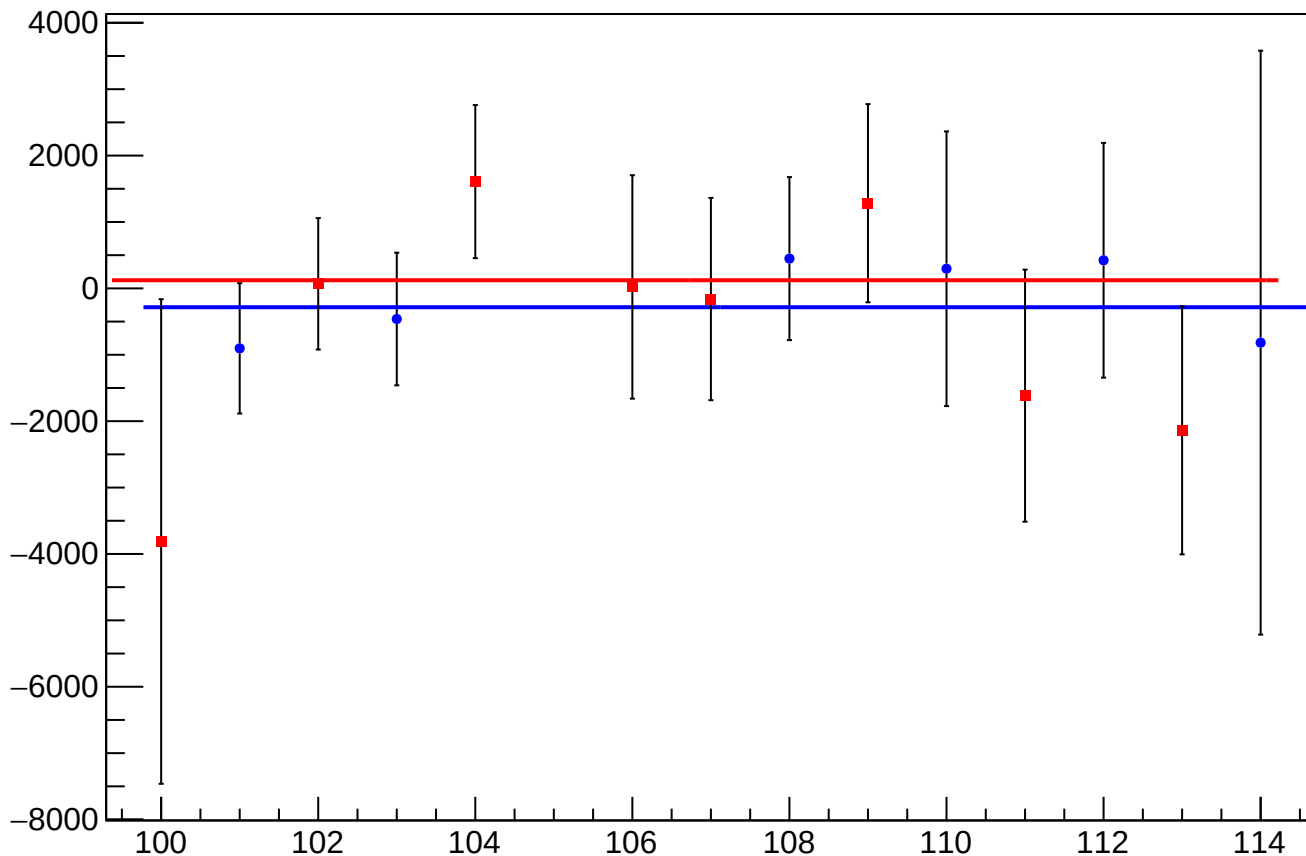
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.858 $\pm$ 0.037 χ^2 /NDF: 53148.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



Right In: -283.853+/-549.740 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.473+/-523.792 χ^2/NDF : 5.8/7

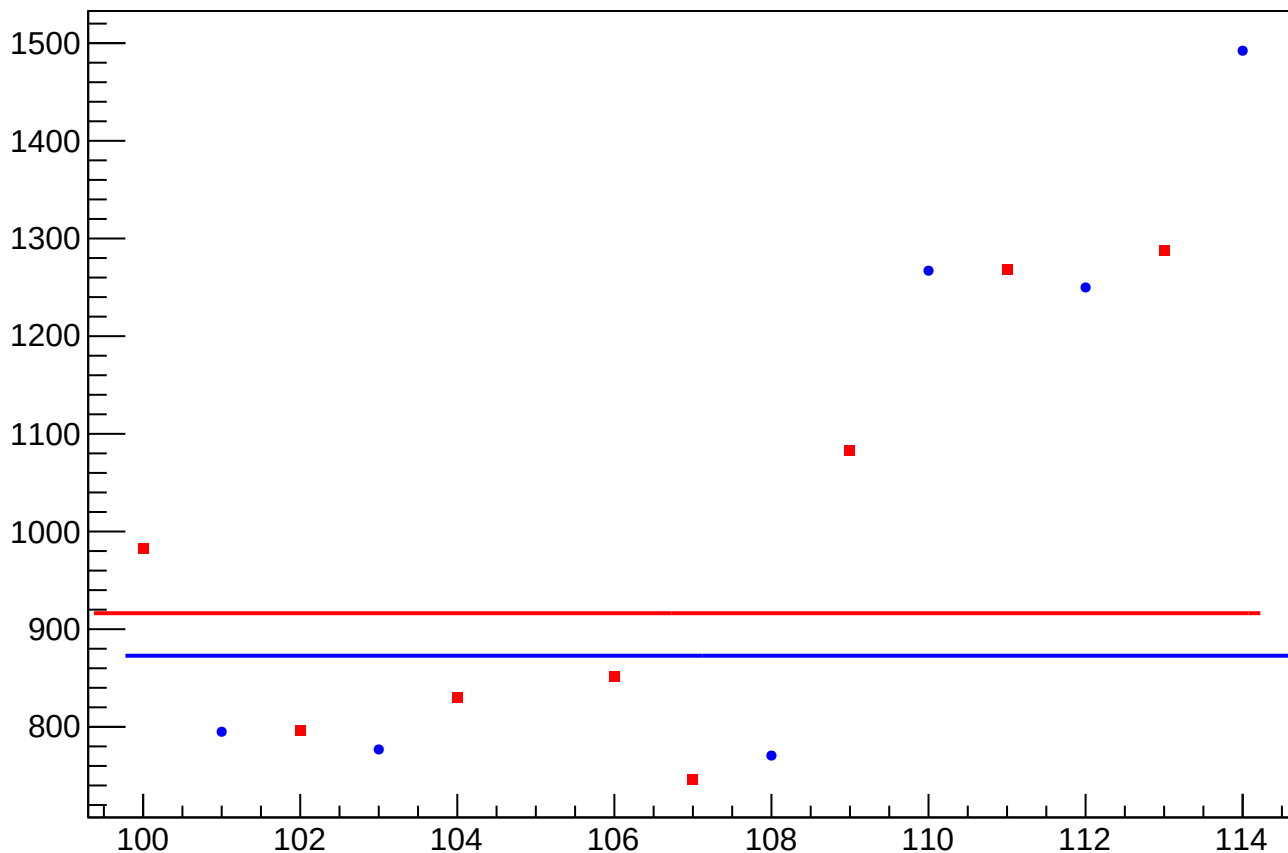
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.874+/-379.219 χ^2/NDF : 7.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 872.847+/-0.389 χ^2/NDF : 248196.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.379+/-0.370 χ^2/NDF : 241688.9/7

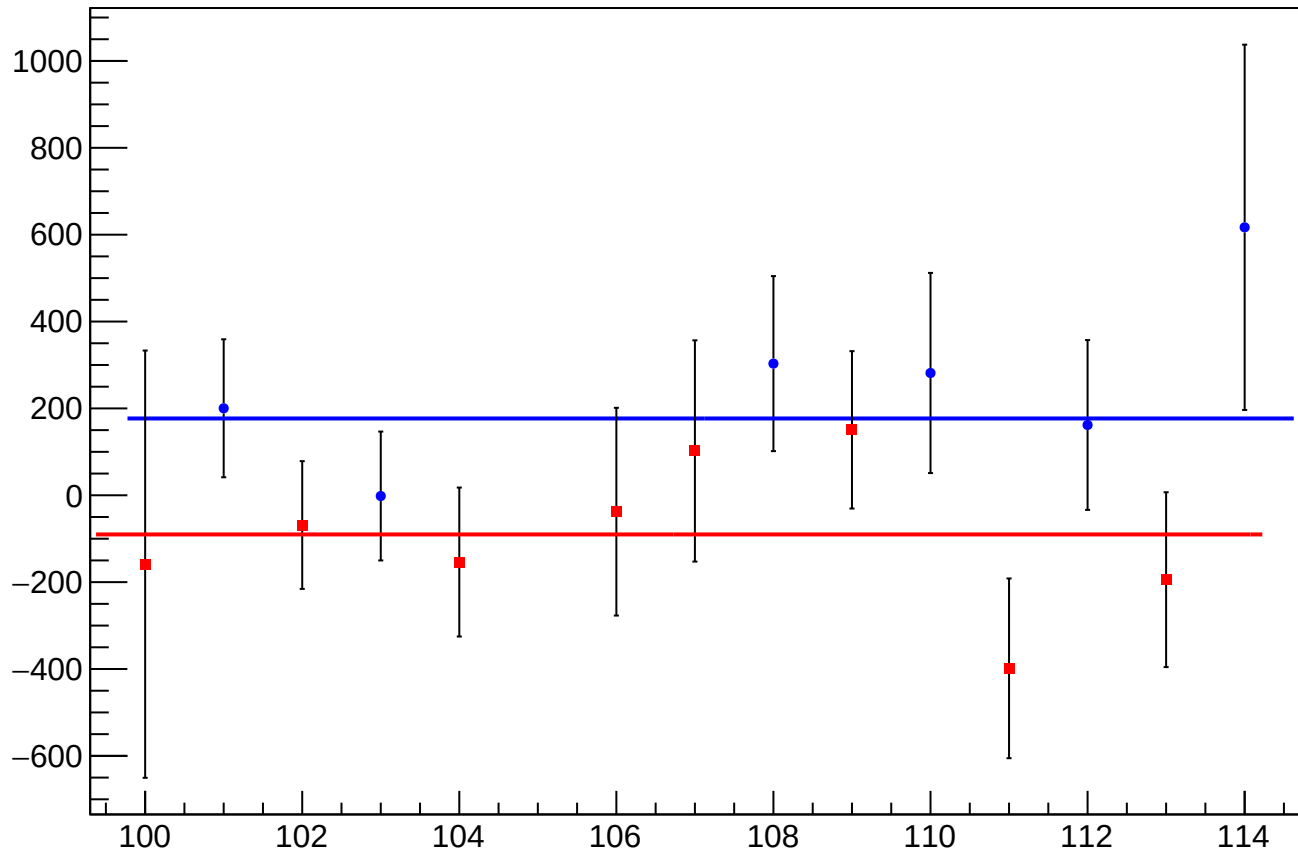
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.665+/-0.268 χ^2/NDF : 496458.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 176.829 $\pm$ 78.980 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.164 $\pm$ 71.469 χ^2 /NDF: 5.0/7

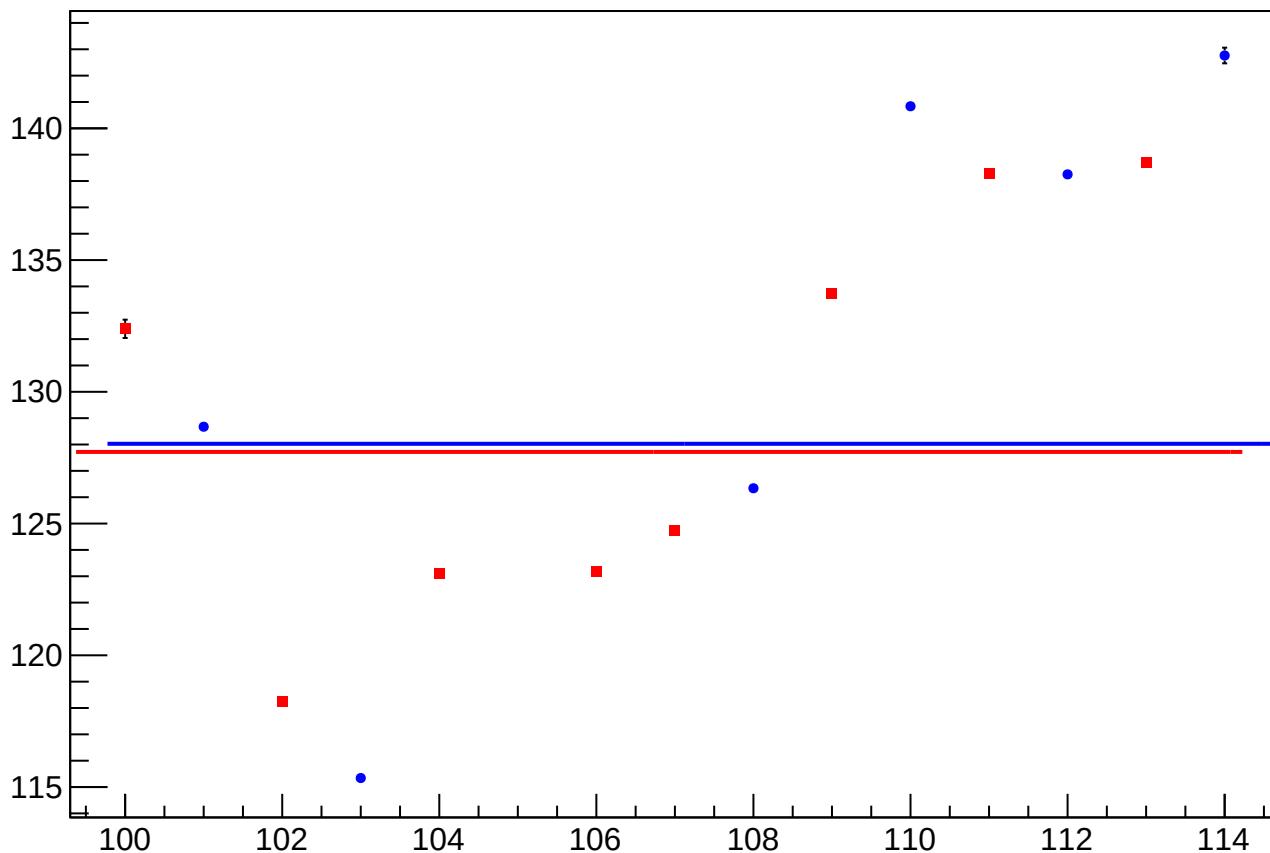
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.037 $\pm$ 52.993 χ^2 /NDF: 14.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 128.028 $\pm$ 0.056 χ^2 /NDF: 28896.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.719 $\pm$ 0.051 χ^2 /NDF: 24234.3/7

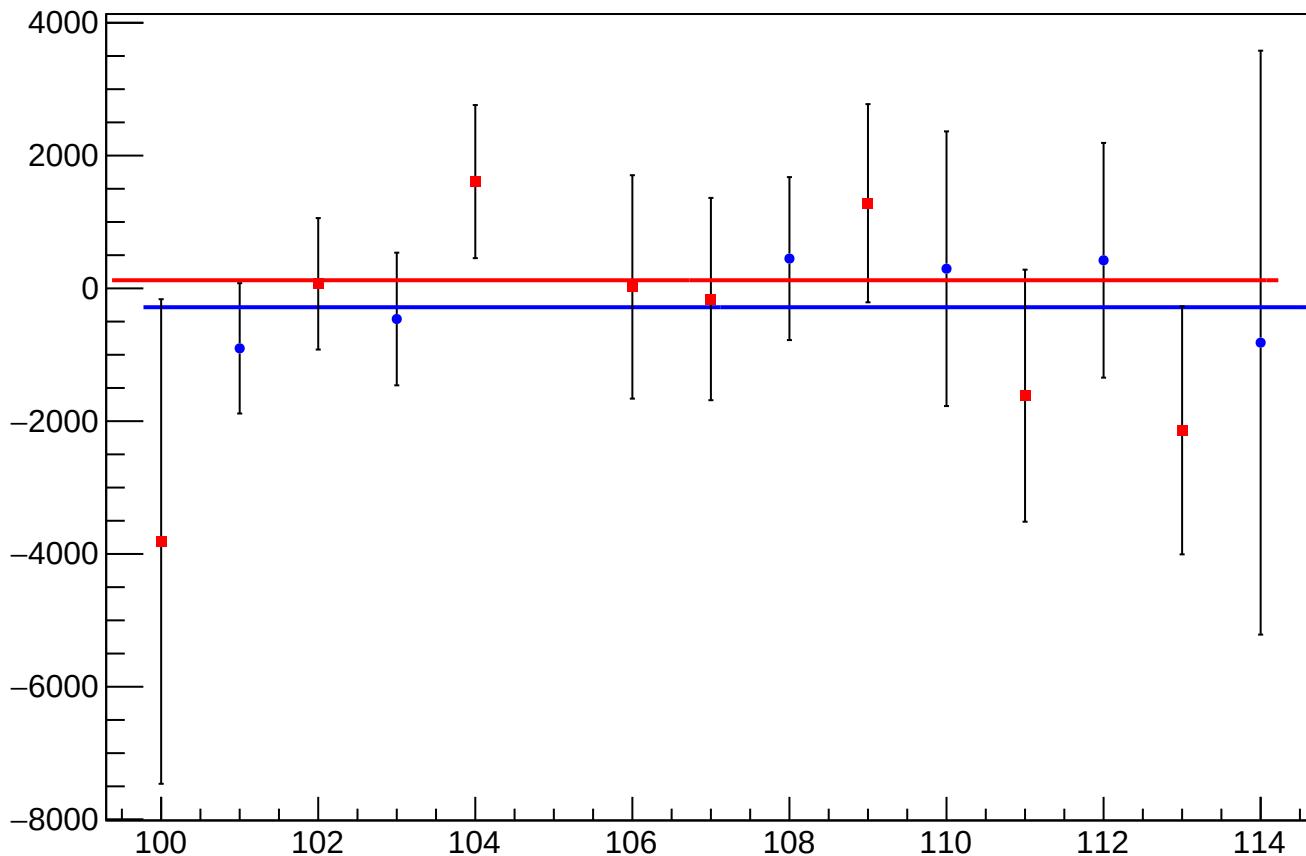
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.858 $\pm$ 0.037 χ^2 /NDF: 53148.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug



Right In: -283.853+/-549.740 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.473+/-523.792 χ^2/NDF : 5.8/7

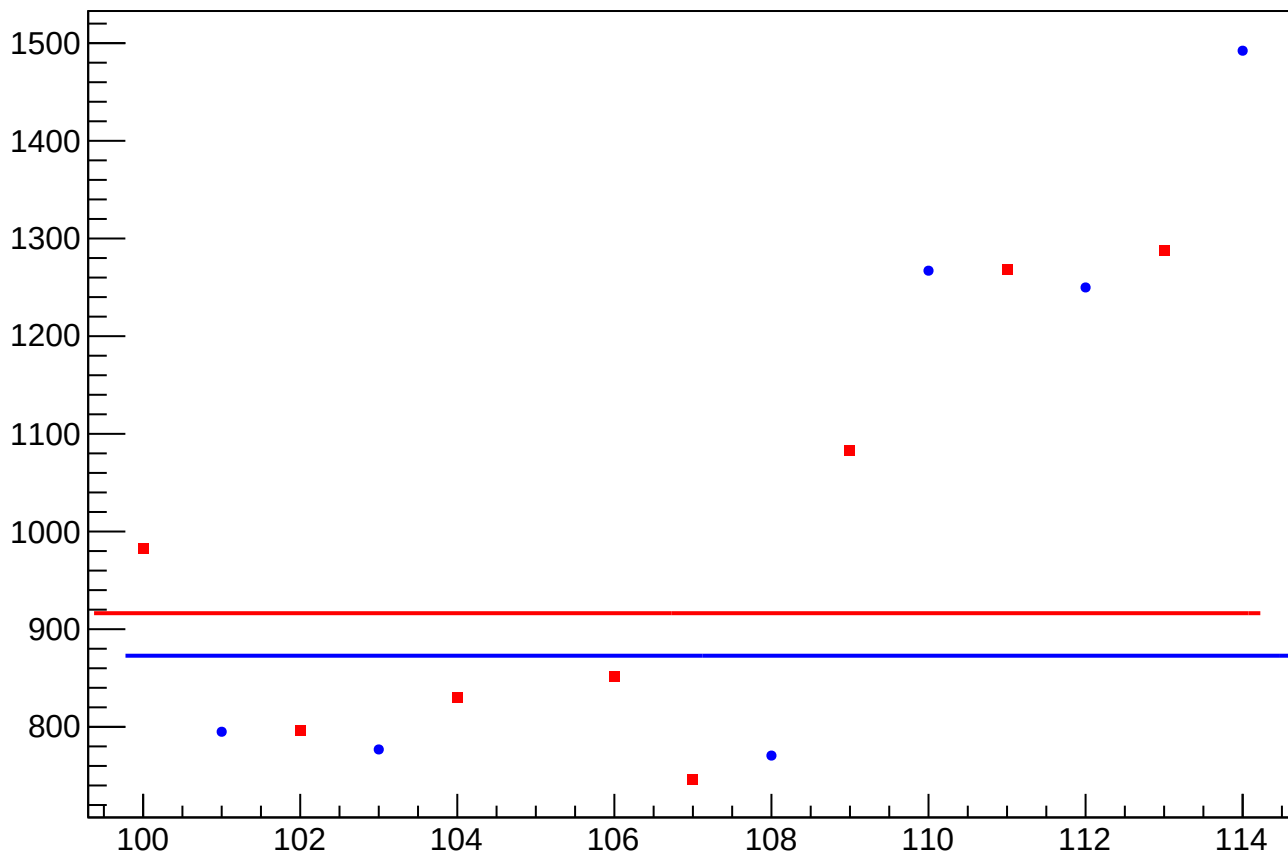
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.874+/-379.219 χ^2/NDF : 7.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



Right In: 872.847+/-0.389 χ^2/NDF : 248196.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.379+/-0.370 χ^2/NDF : 241688.9/7

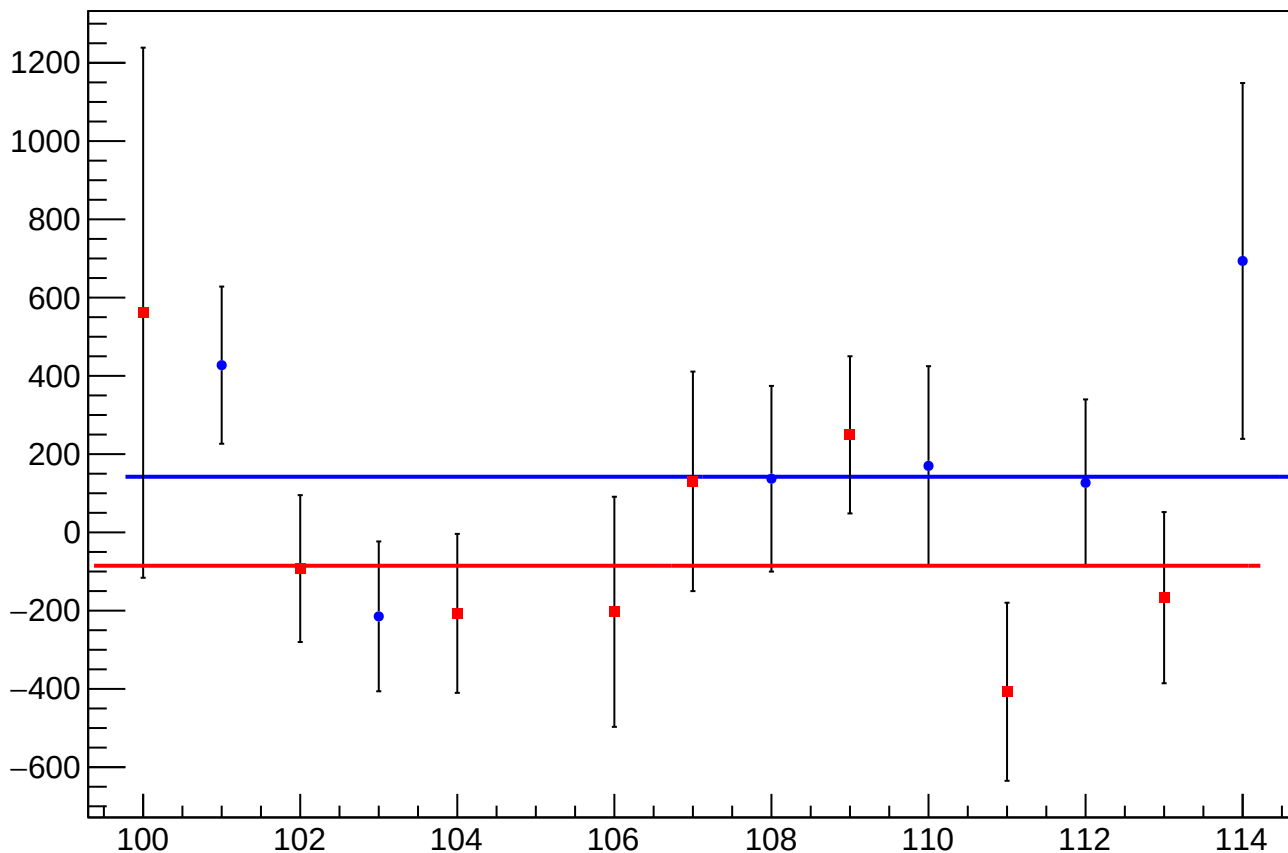
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.665+/-0.268 χ^2/NDF : 496458.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 142.188 $\pm$ 94.456 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.234 $\pm$ 83.309 χ^2 /NDF: 6.9/7

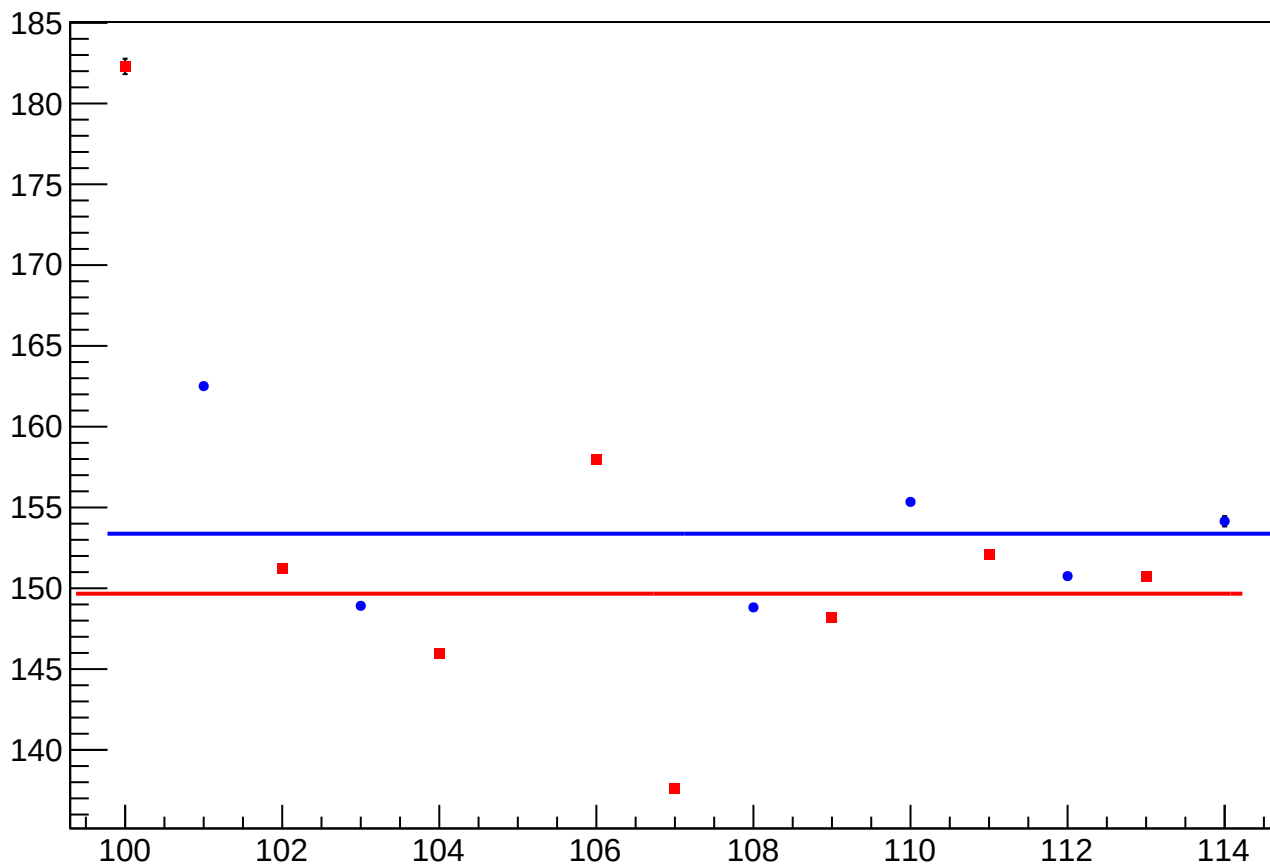
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.272 $\pm$ 62.479 χ^2 /NDF: 17.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 153.378 $\pm$ 0.067 χ^2 /NDF: 6389.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.666 $\pm$ 0.059 χ^2 /NDF: 11133.0/7

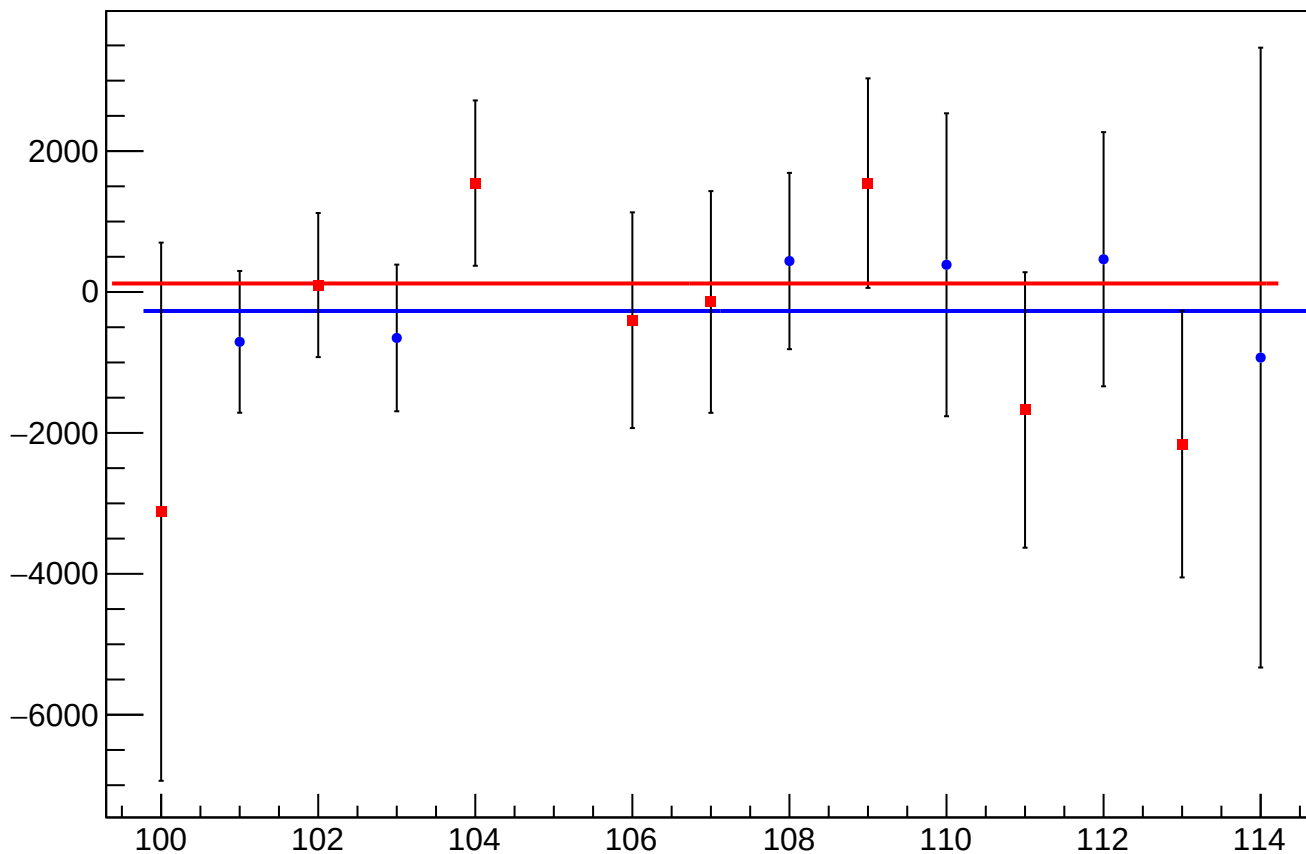
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.290 $\pm$ 0.044 χ^2 /NDF: 19259.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



Right In: -269.328+/-565.676 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.170+/-528.885 χ^2/NDF : 5.6/7

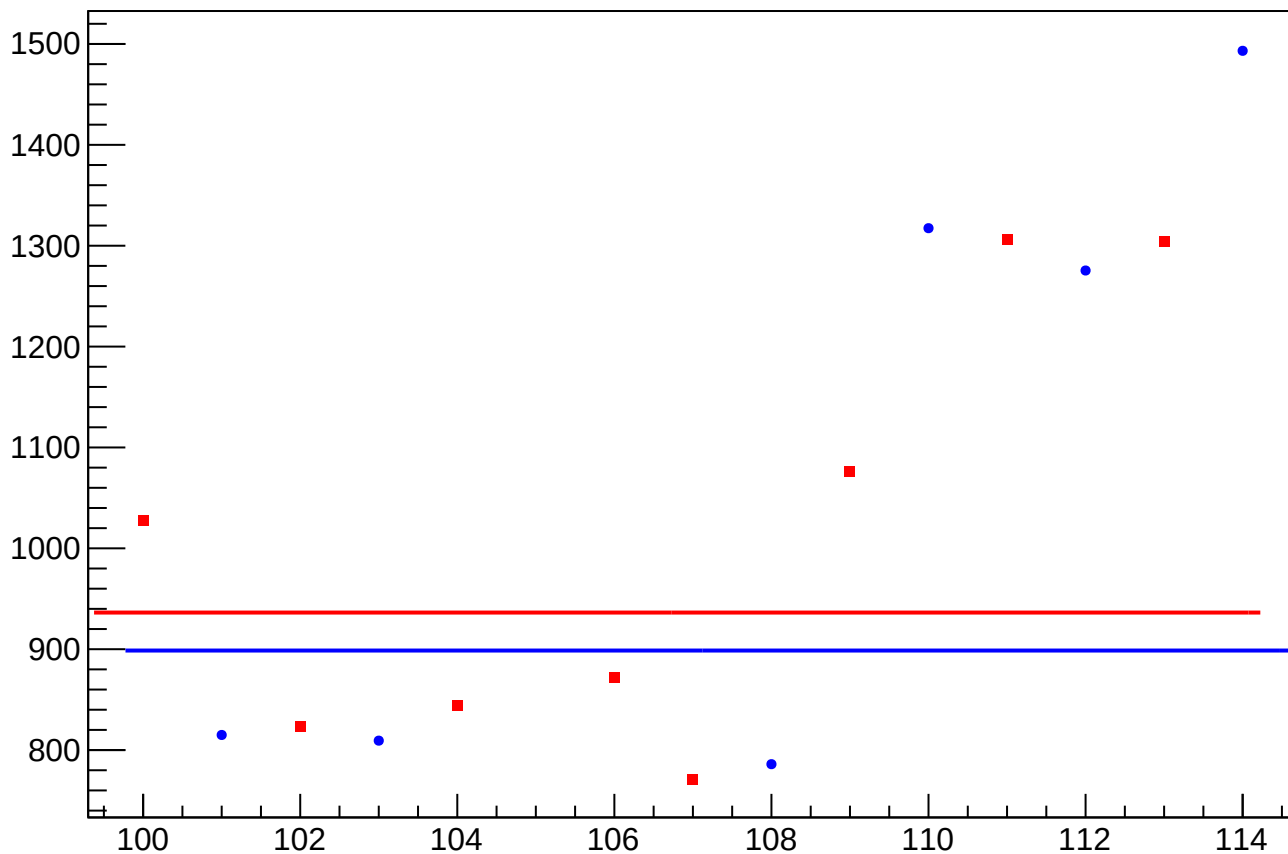
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.968+/-386.330 χ^2/NDF : 6.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 898.681 $\pm$ 0.400 χ^2 /NDF: 244424.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 936.335 $\pm$ 0.374 χ^2 /NDF: 228326.7/7

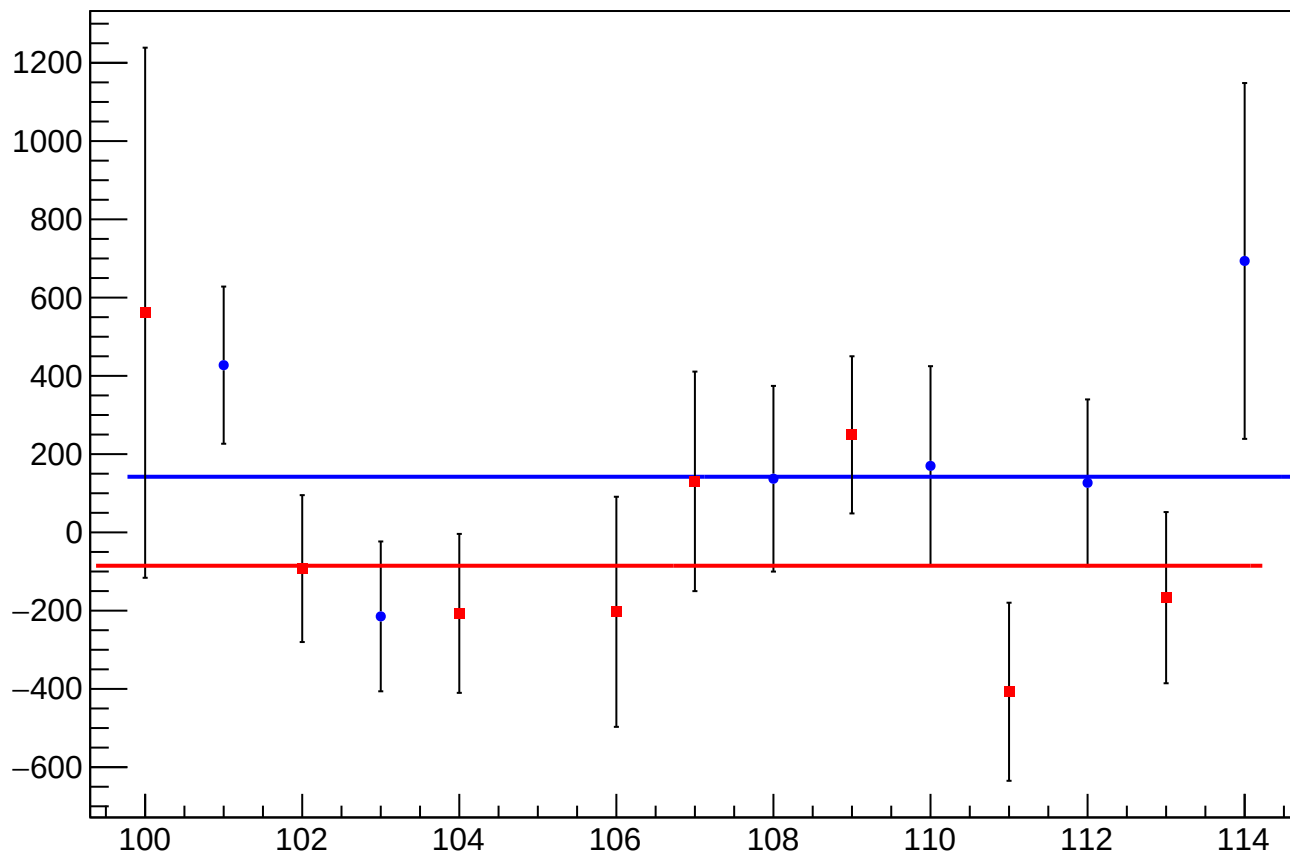
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 918.773 $\pm$ 0.273 χ^2 /NDF: 477479.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 142.183 $\pm$ 94.456 χ^2/NDF : 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -85.233 $\pm$ 83.308 χ^2/NDF : 6.9/7

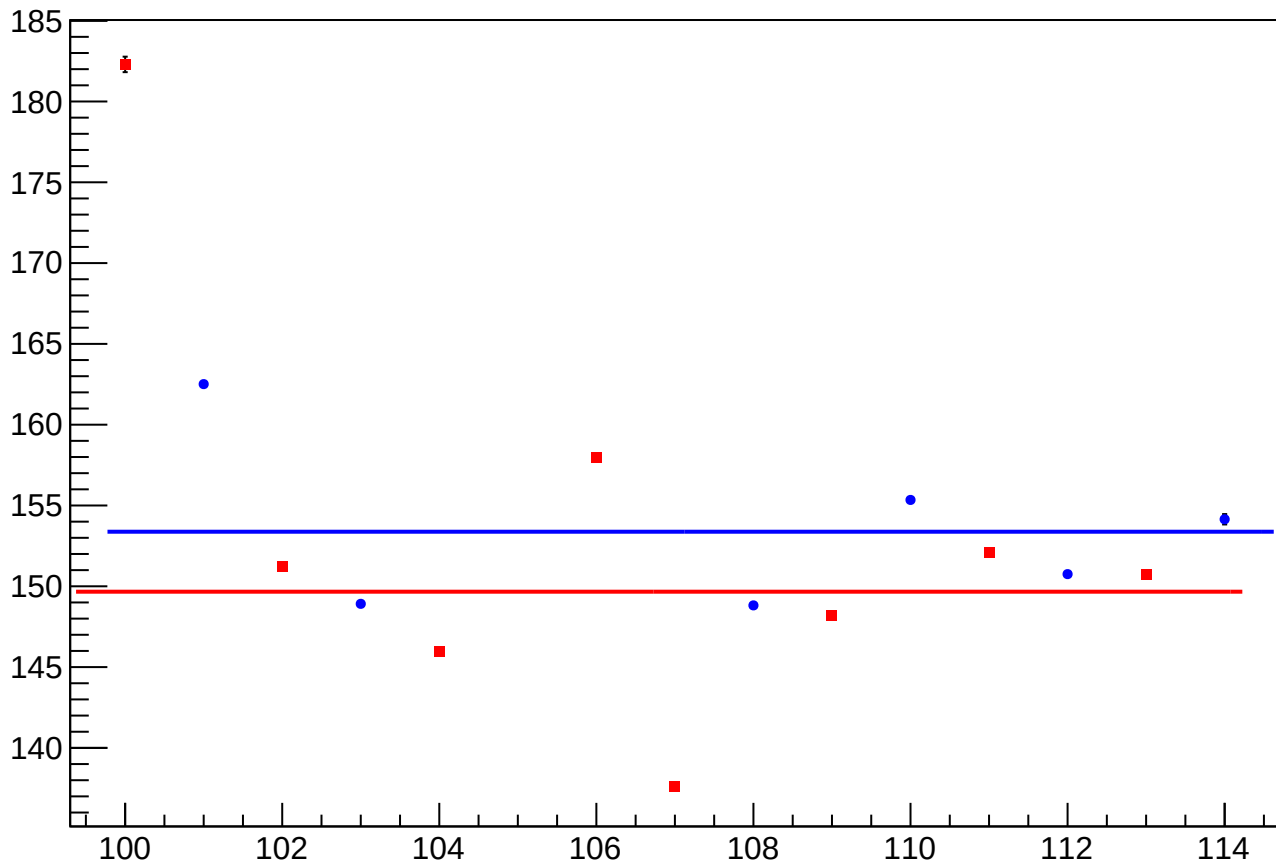
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 14.270 $\pm$ 62.479 χ^2/NDF : 17.2/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 153.377 $\pm$ 0.067 χ^2 /NDF: 6389.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.666 $\pm$ 0.059 χ^2 /NDF: 11132.5/7

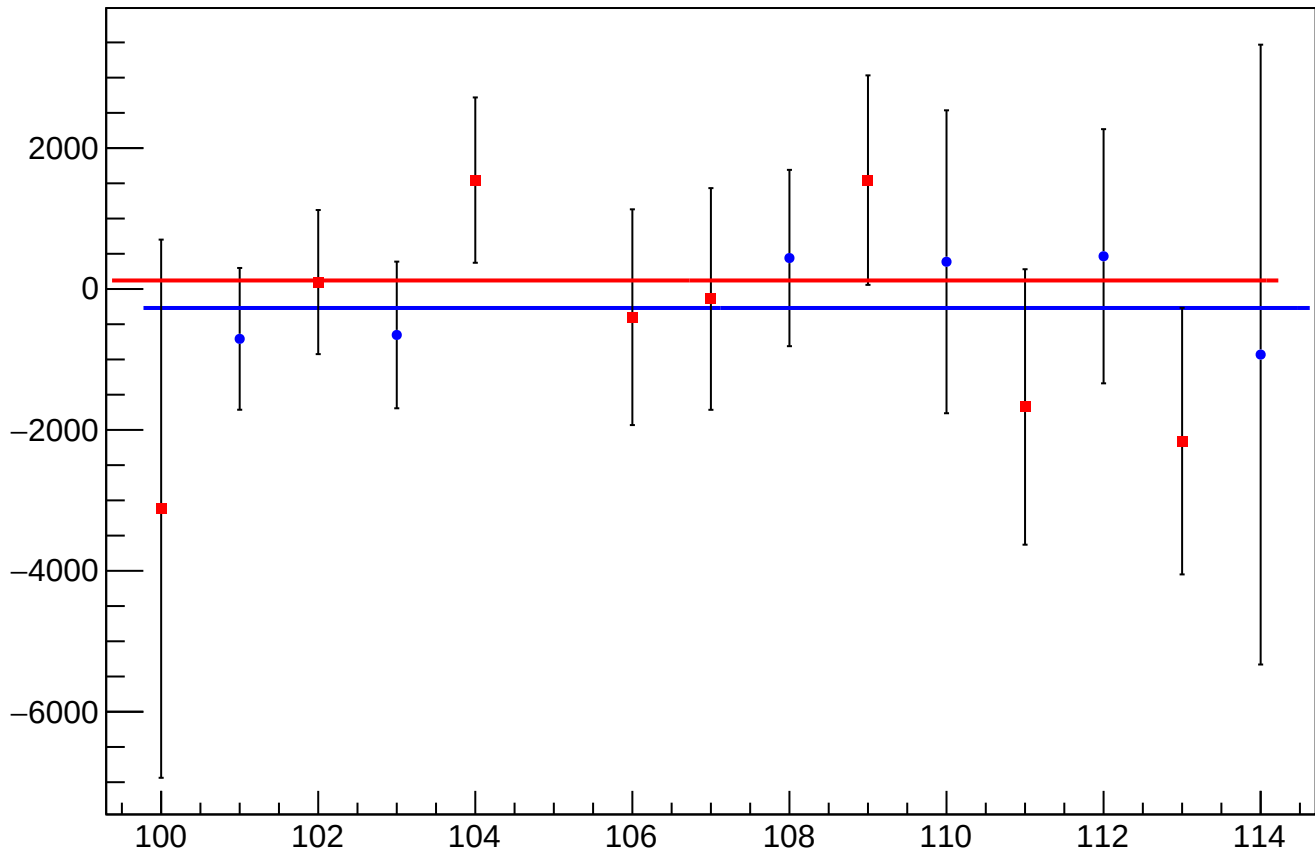
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.290 $\pm$ 0.044 χ^2 /NDF: 19258.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug



Right In: -269.332+/-565.674 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.171+/-528.884 χ^2/NDF : 5.6/7

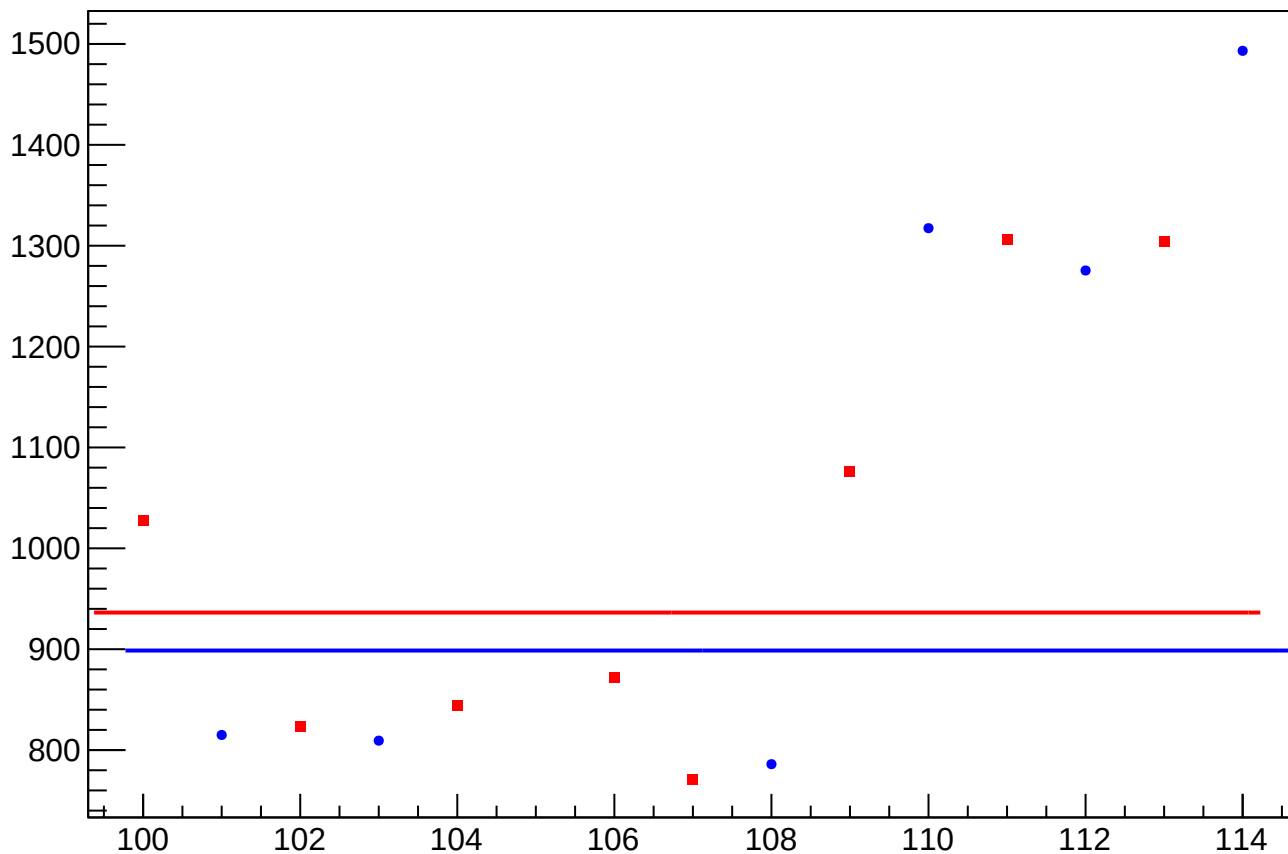
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.970+/-386.329 χ^2/NDF : 6.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



Right In: 898.679+/-0.400 χ^2/NDF : 244421.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.333+/-0.374 χ^2/NDF : 228325.1/7

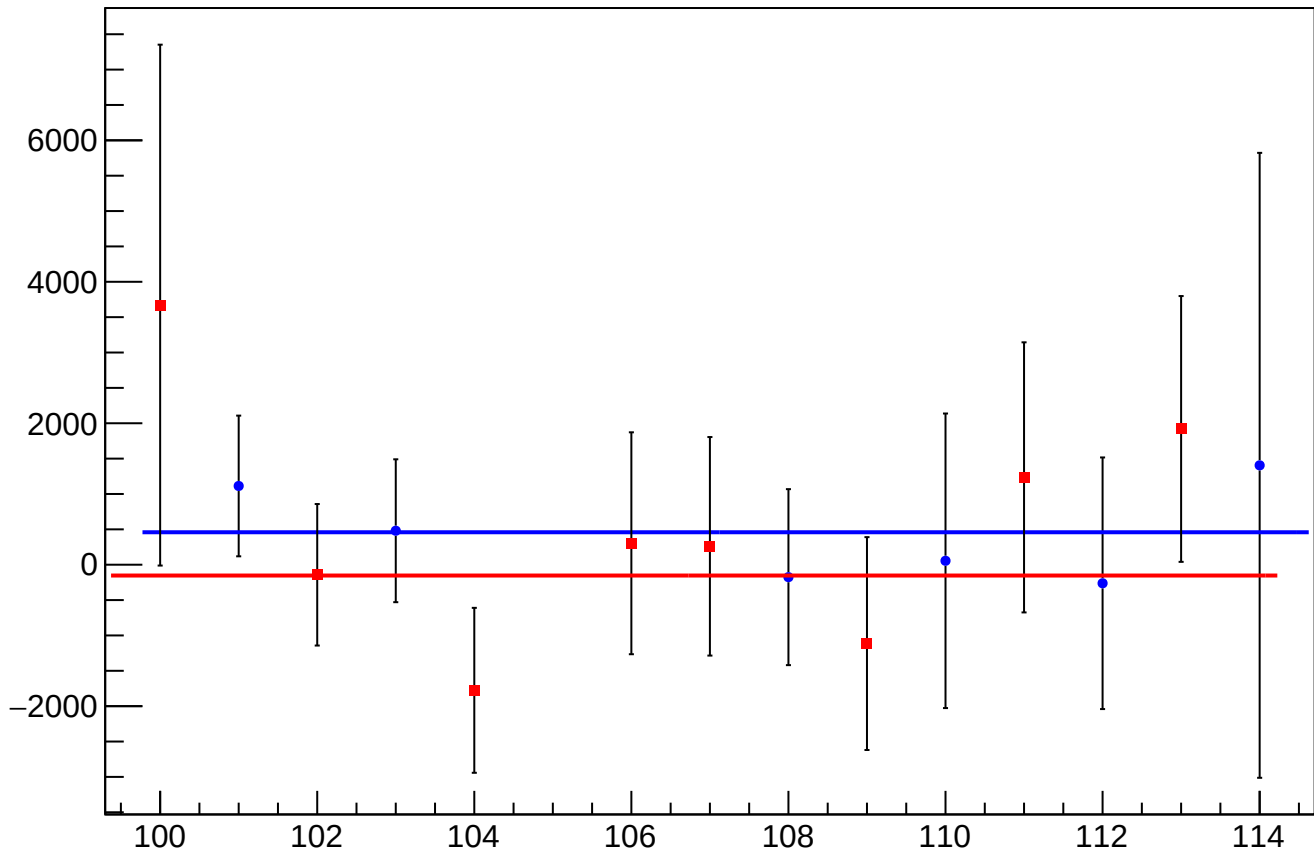
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.770+/-0.273 χ^2/NDF : 477475.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 458.859 $\pm$ 555.976 χ^2 /NDF: 0.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -152.962 $\pm$ 524.644 χ^2 /NDF: 5.3/7

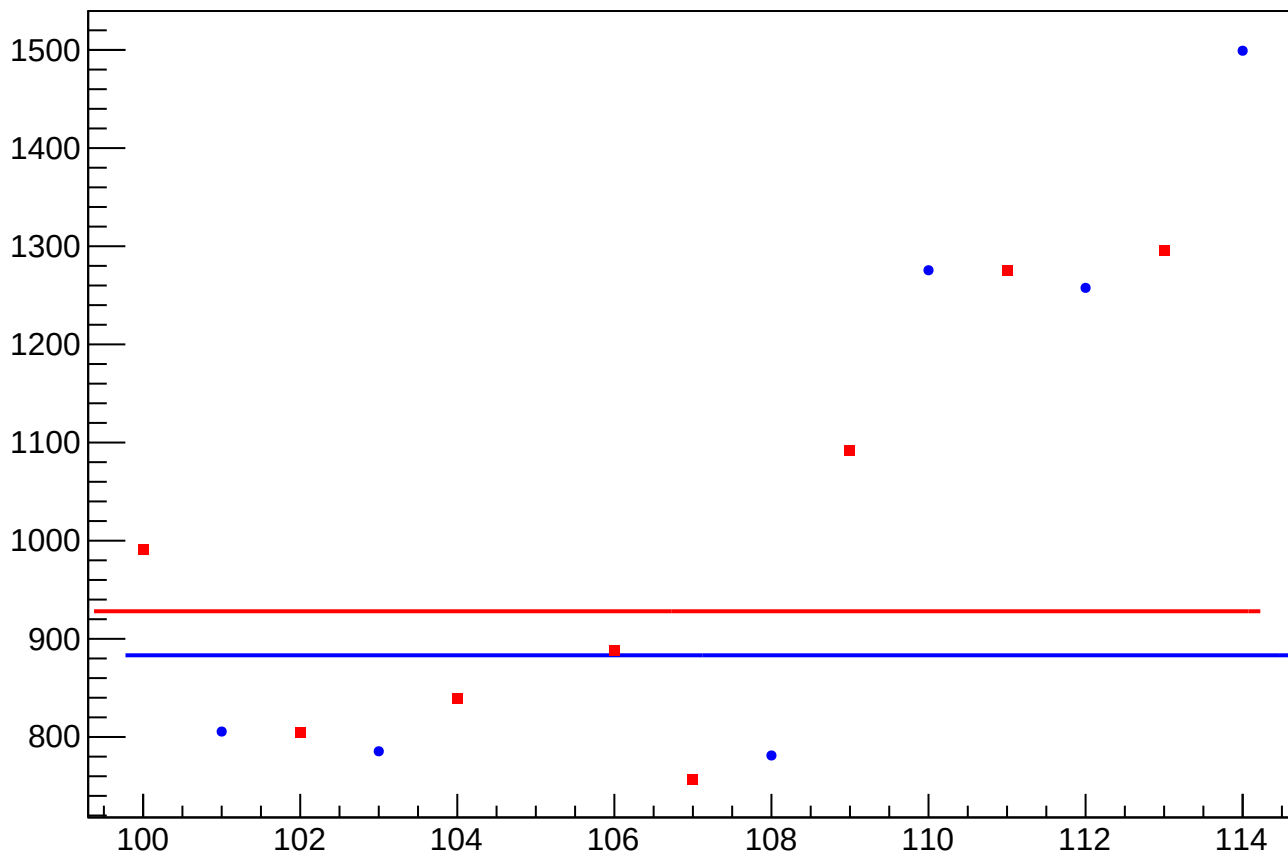
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.224 $\pm$ 381.575 χ^2 /NDF: 6.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 883.240+/-0.393 χ^2/NDF : 242893.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.100+/-0.371 χ^2/NDF : 234912.0/7

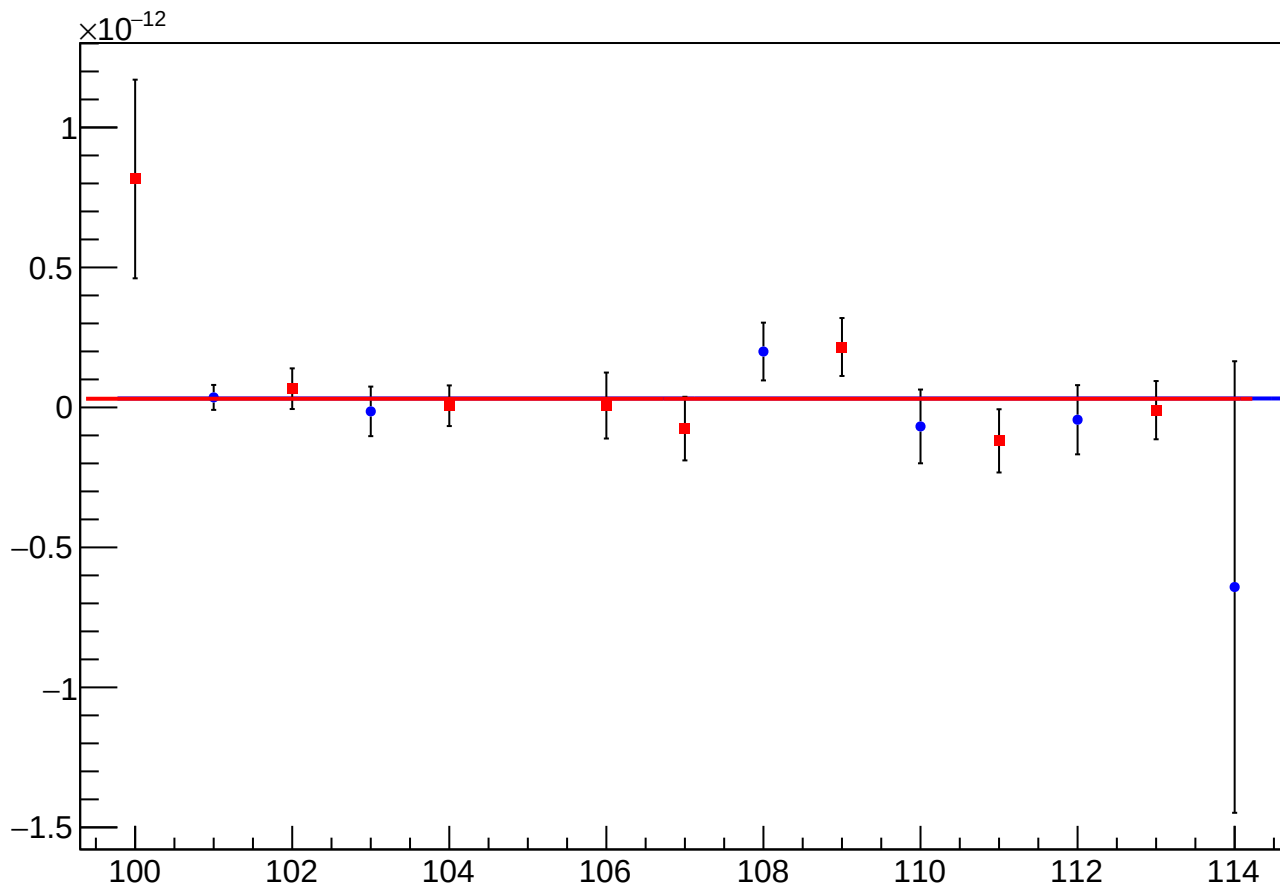
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.969+/-0.270 χ^2/NDF : 484692.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/7

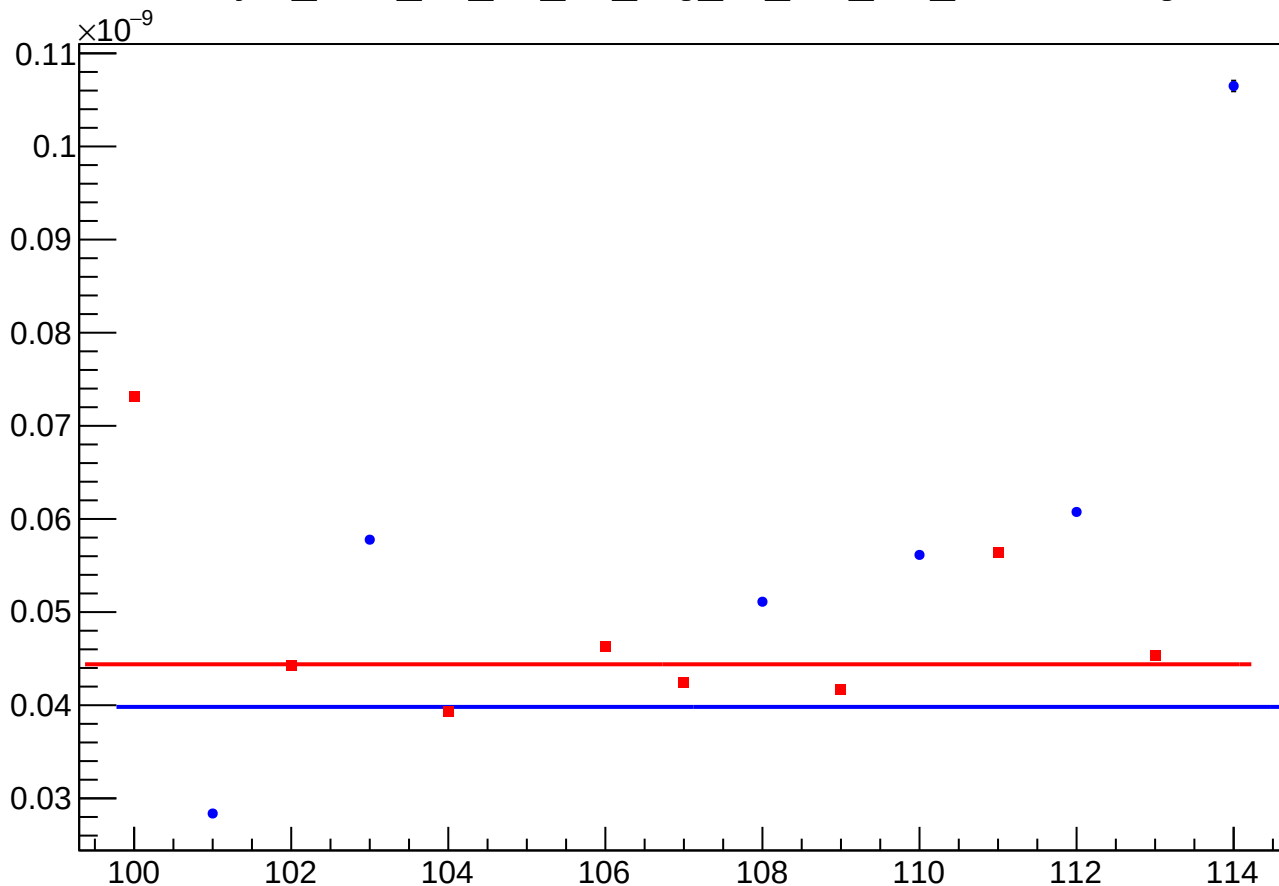
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 340158.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 48010.6/7

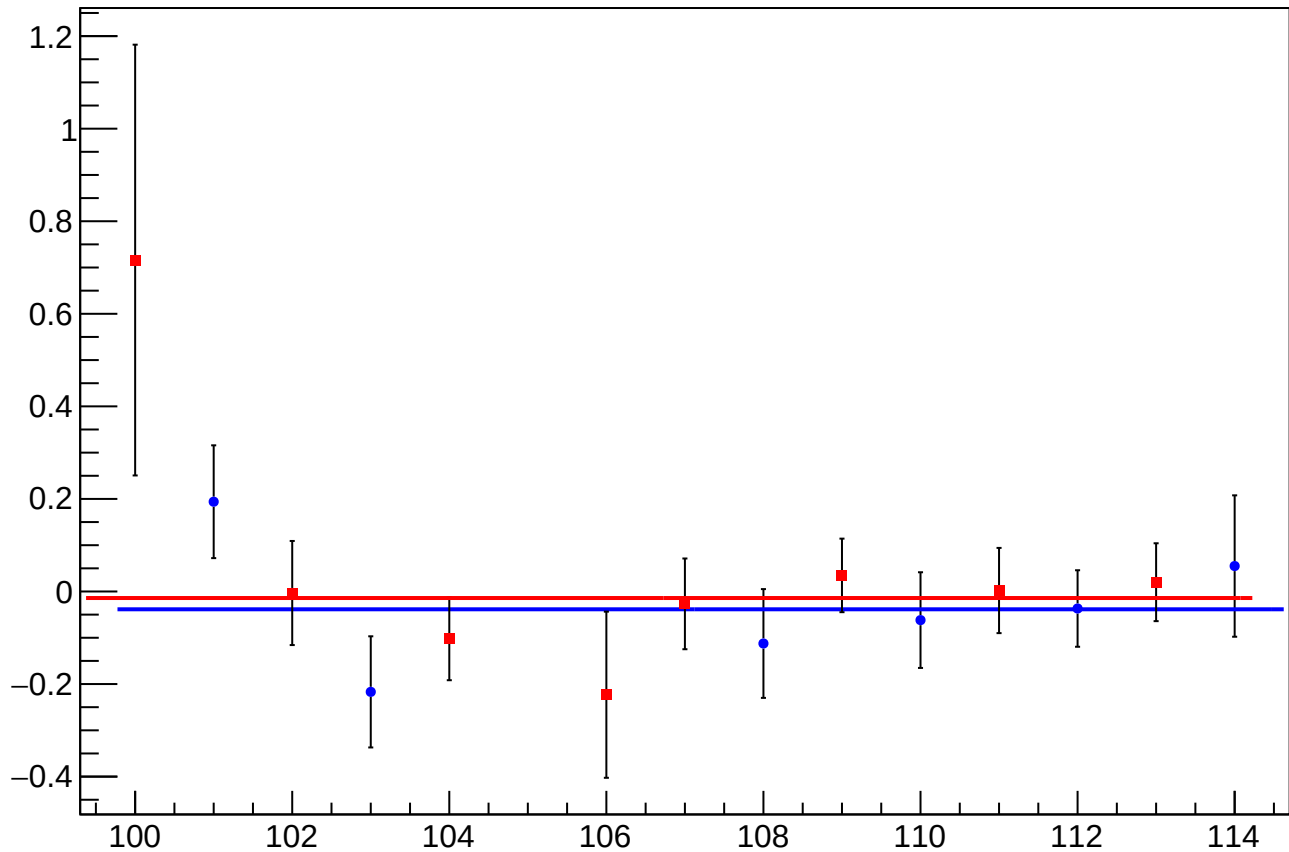
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 405446.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.038±/0.045 χ^2/NDF : 6.7/5

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: -0.014±/0.036 χ^2/NDF : 5.4/7

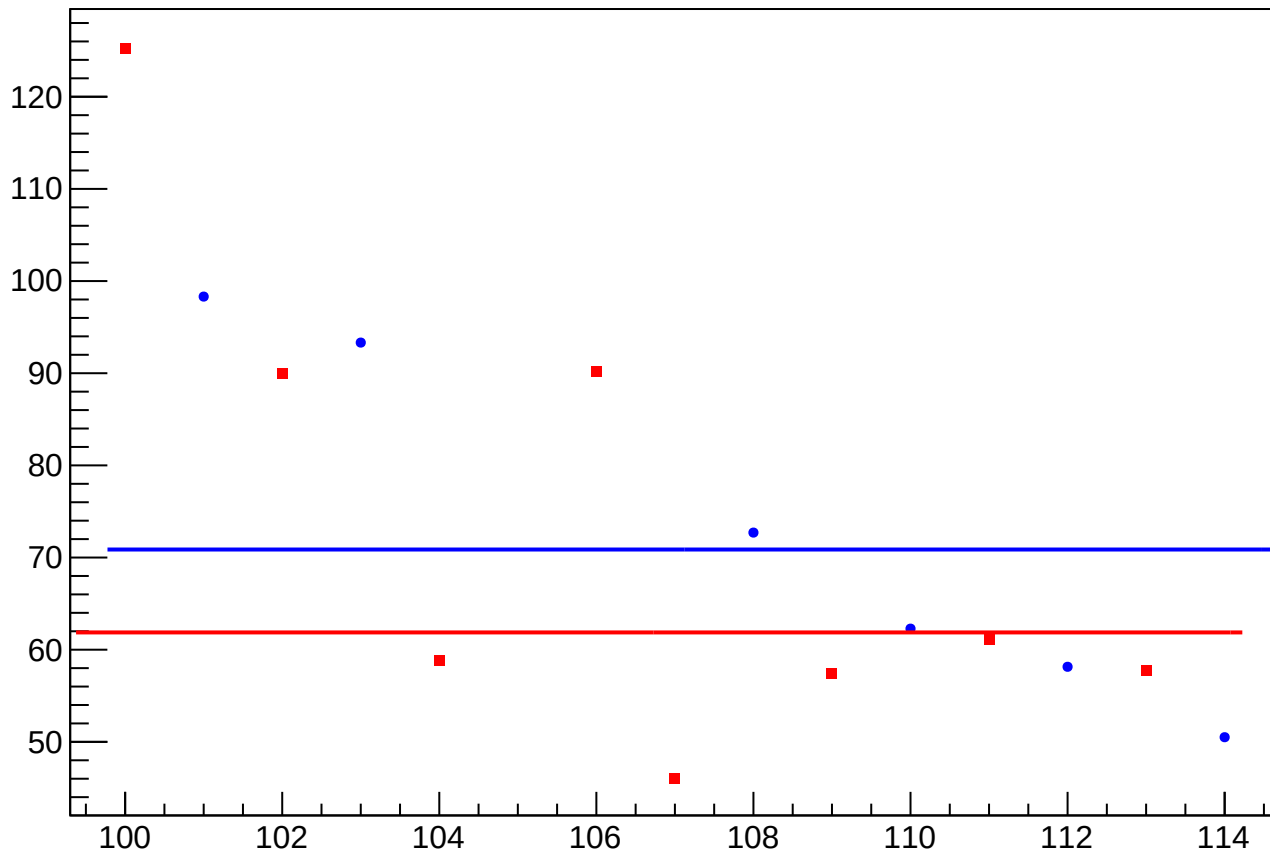
Left In: 0.000±/0.000 χ^2/NDF :0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -0.024±/0.028 χ^2/NDF : 12.2/13

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 70.870 $\pm$ 0.032 χ^2 /NDF: 268600.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.874 $\pm$ 0.026 χ^2 /NDF: 277285.9/7

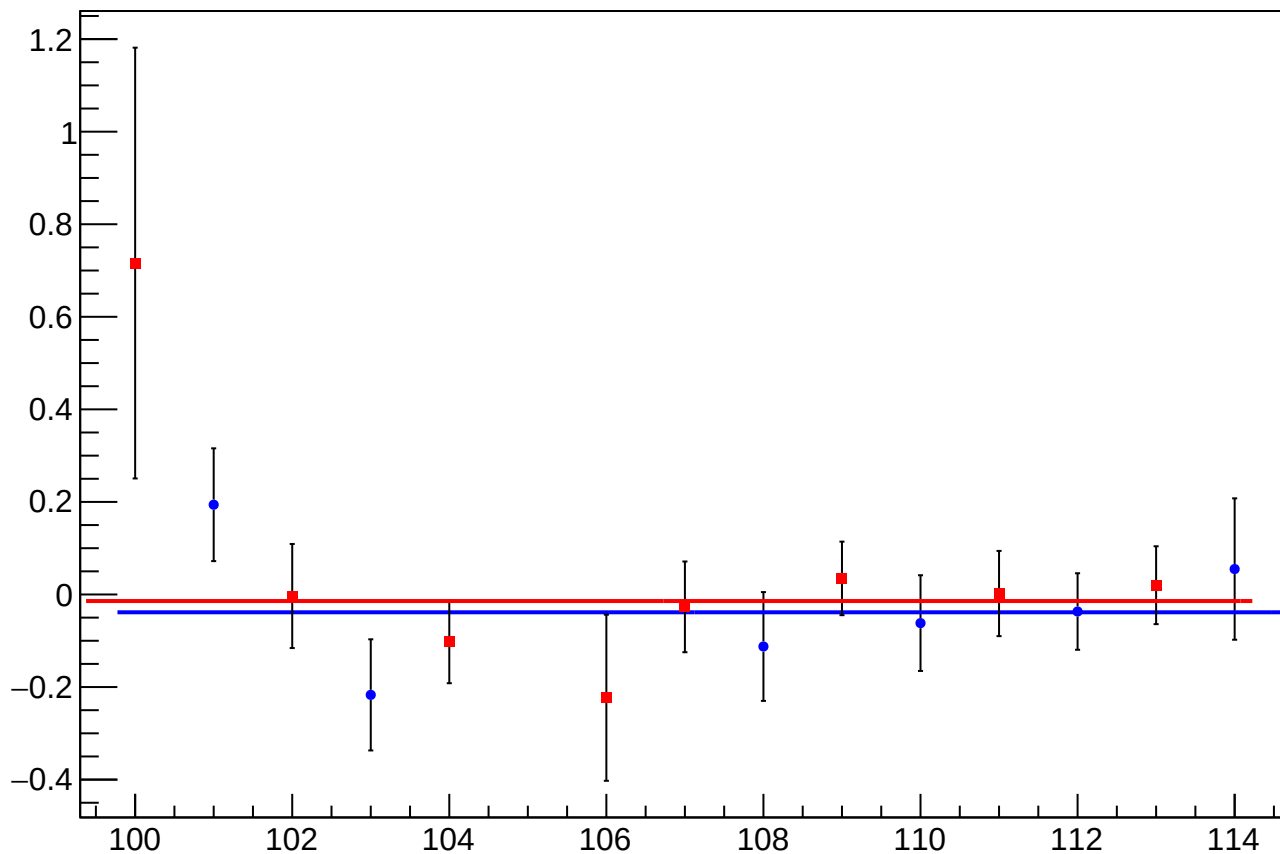
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.407 $\pm$ 0.020 χ^2 /NDF: 594238.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038 $\pm$ 0.045 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

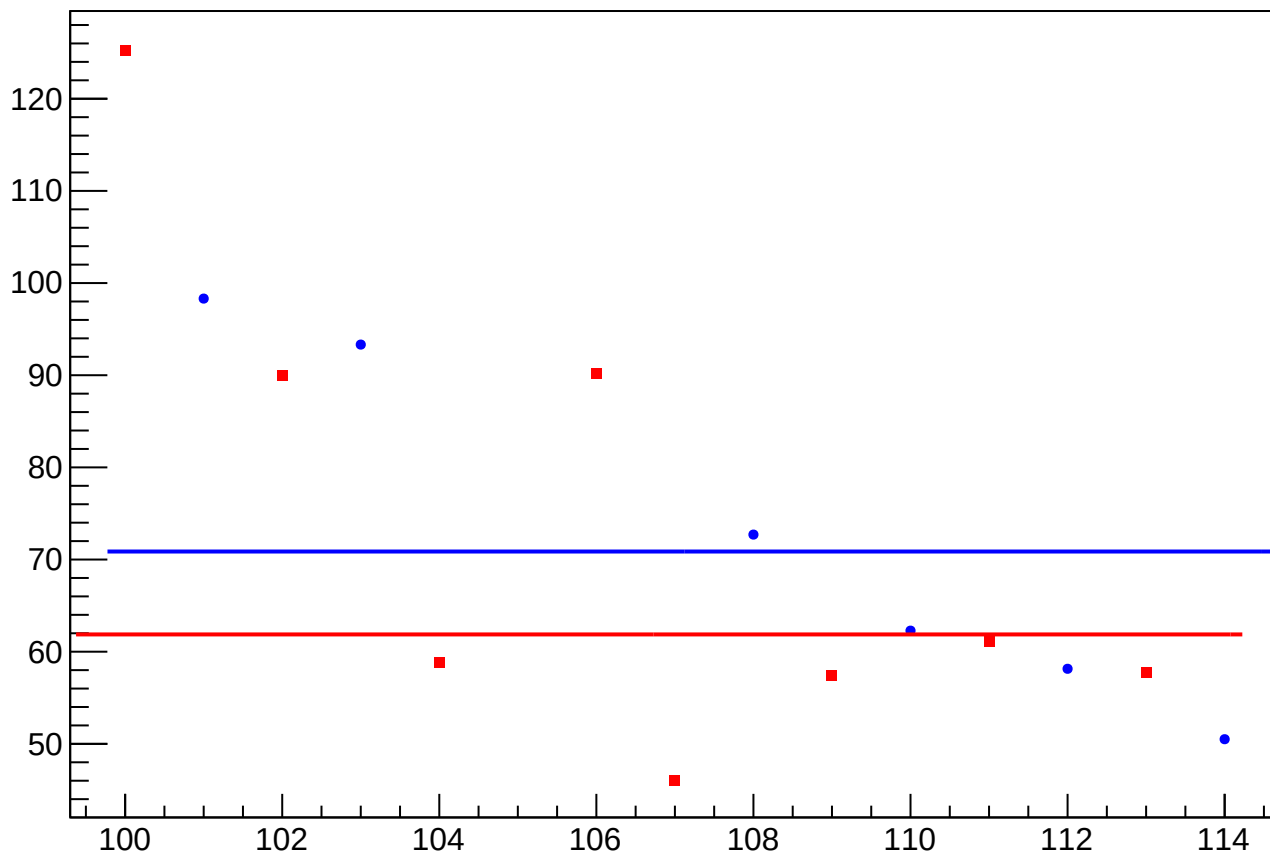
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.028 χ^2 /NDF: 12.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.870+/-0.032 χ^2/NDF : 268600.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.874+/-0.026 χ^2/NDF : 277285.9/7

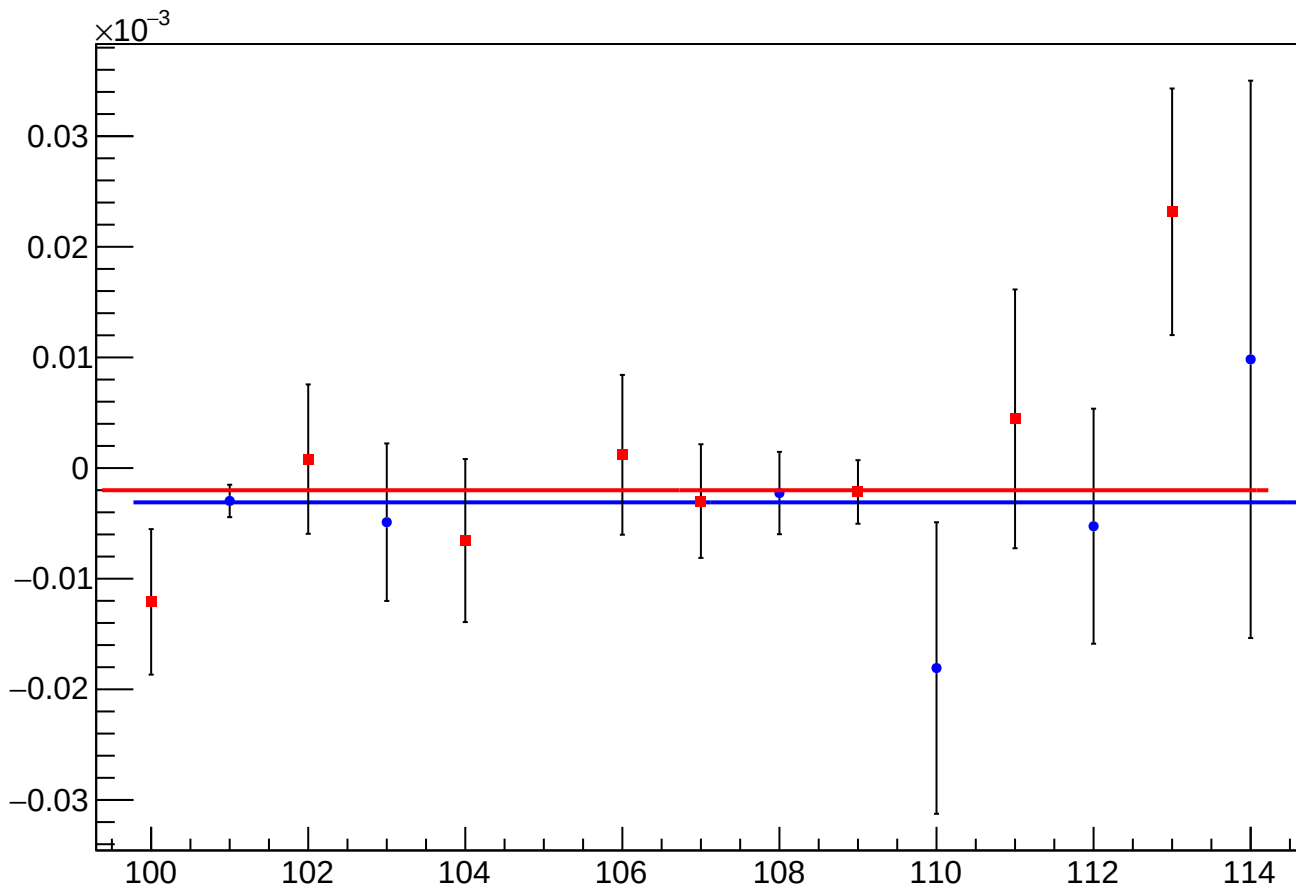
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.407+/-0.020 χ^2/NDF : 594238.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

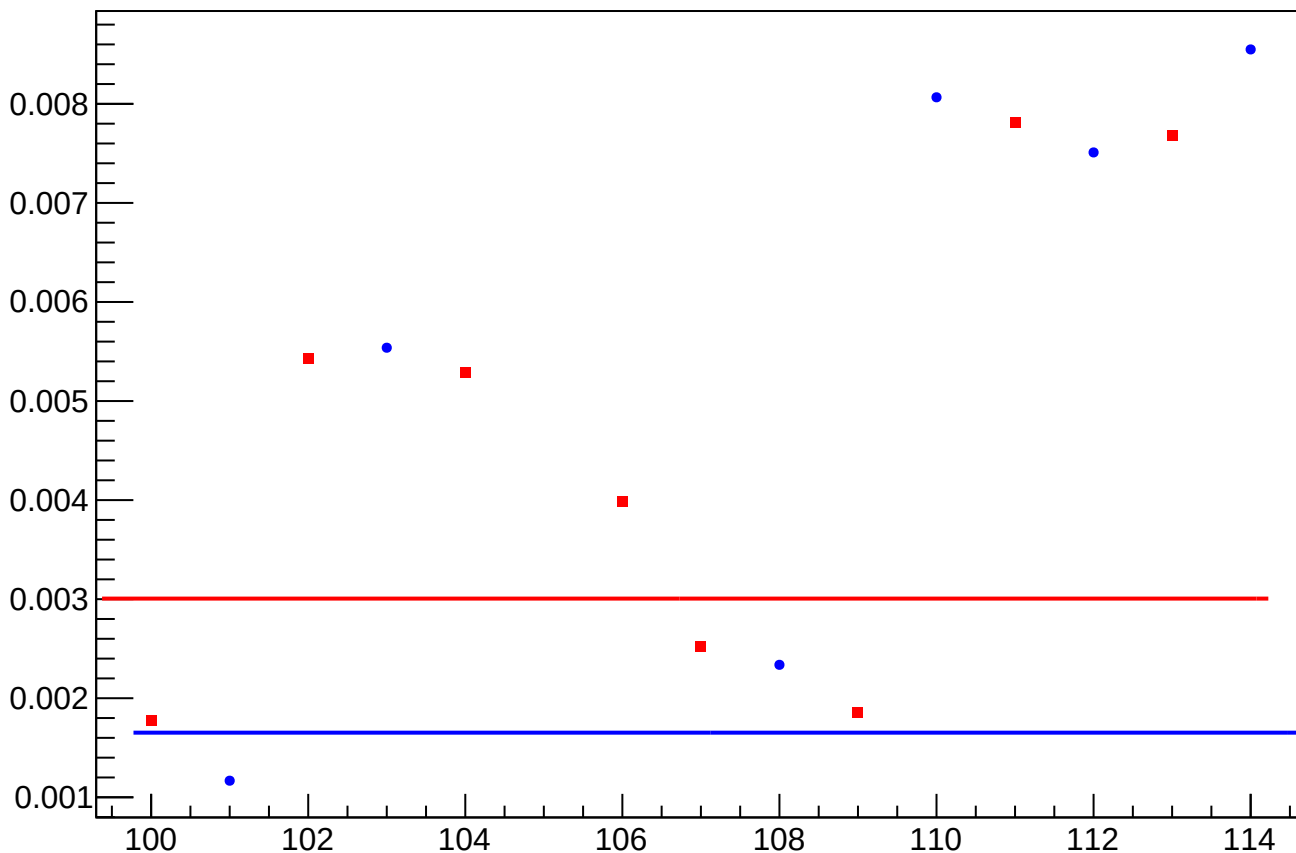
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2114630.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1589819.1/7

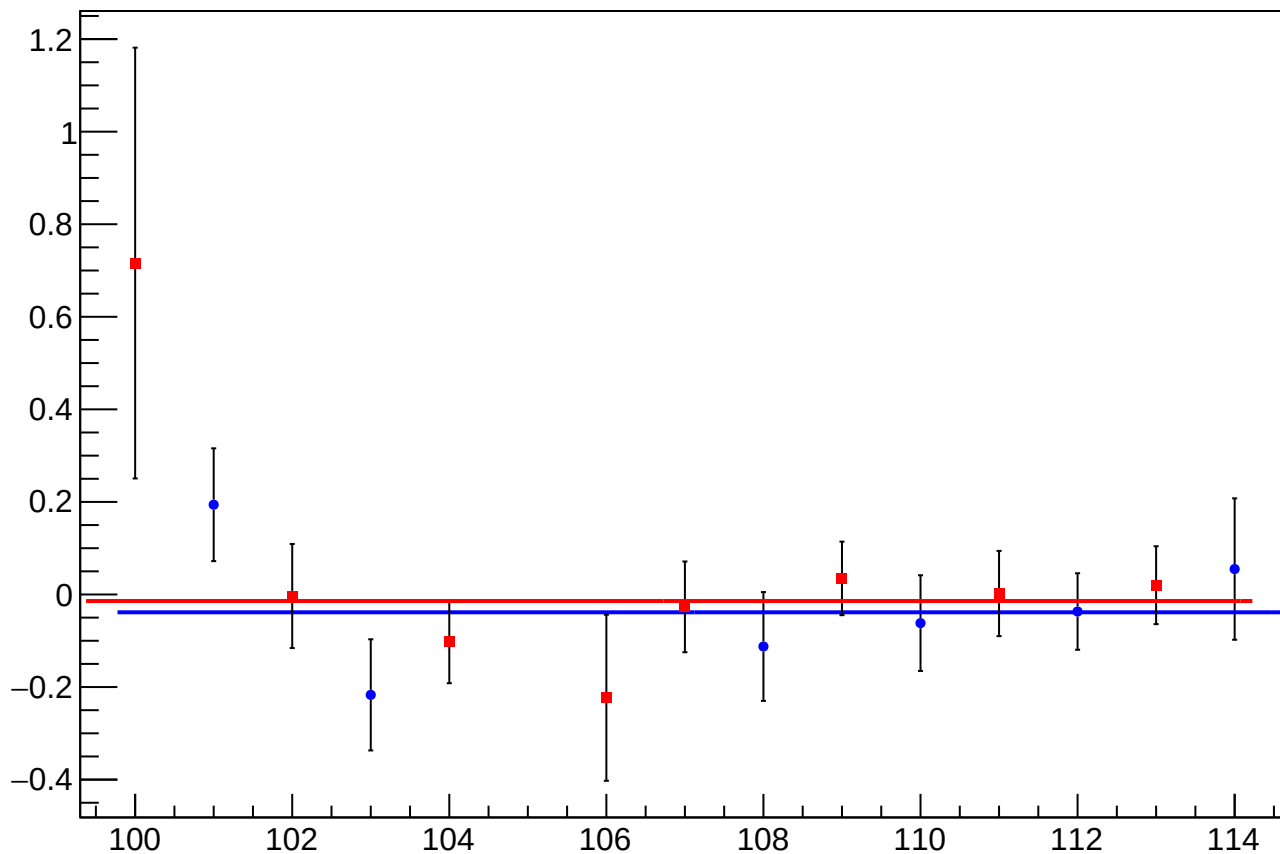
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4354959.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.039 $\pm$ 0.045 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

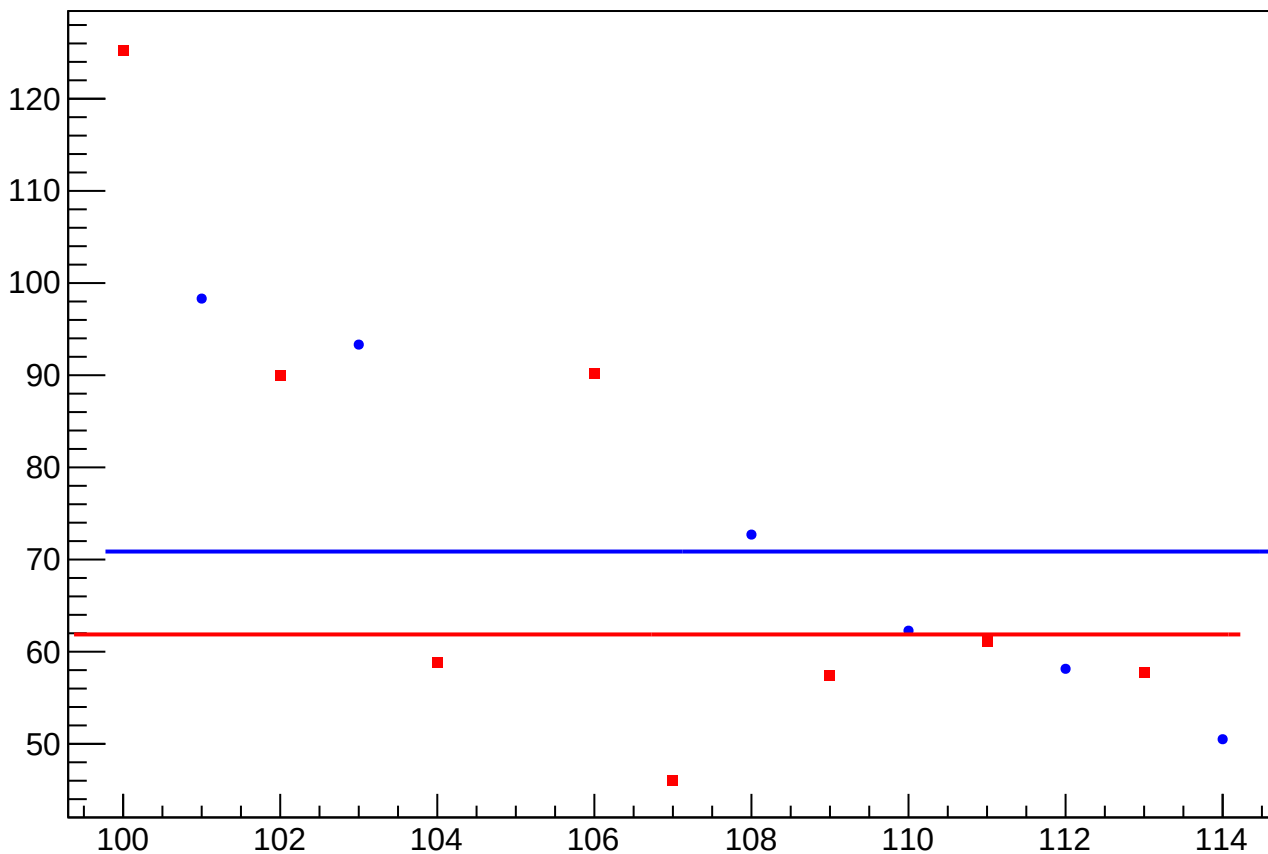
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.028 χ^2 /NDF: 12.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 70.868+/-0.032 χ^2/NDF : 268631.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.873+/-0.026 χ^2/NDF : 277290.8/7

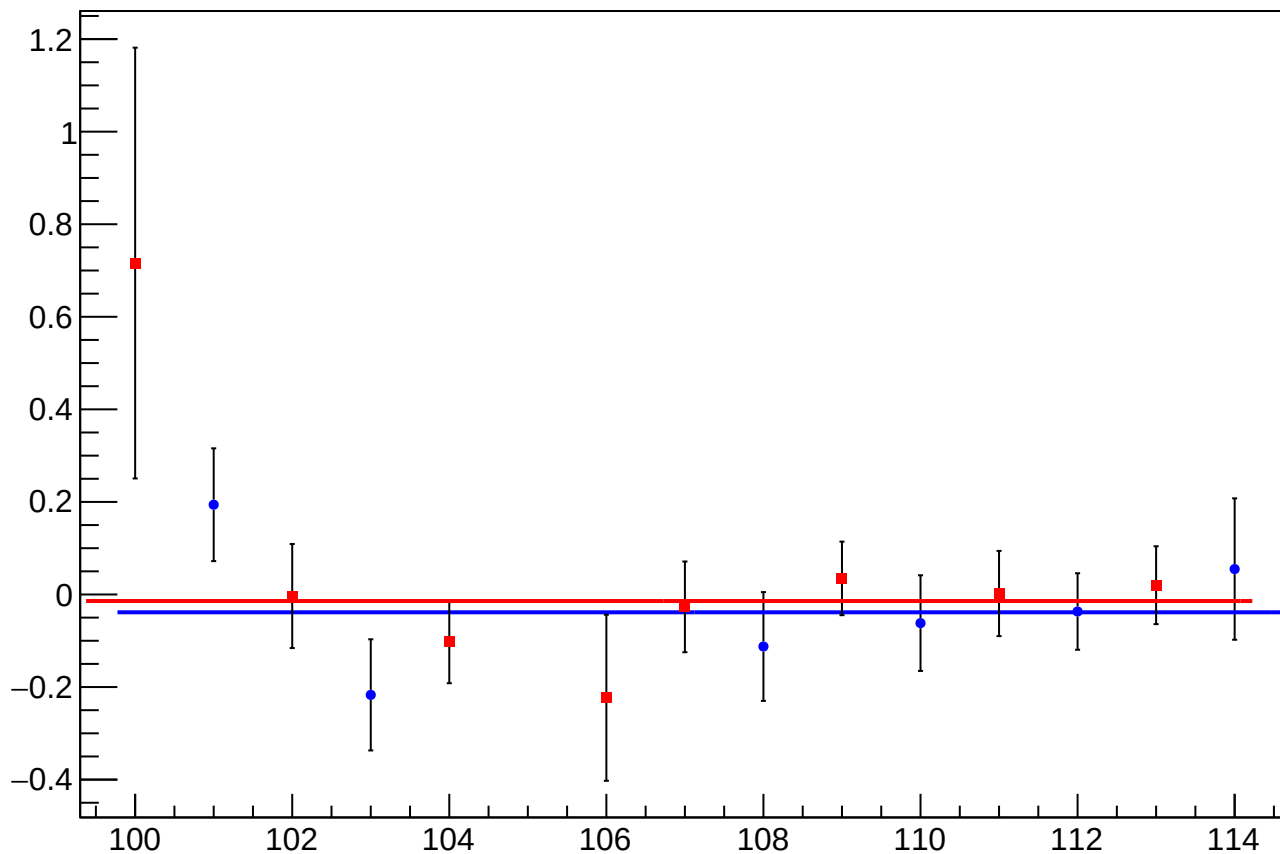
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.405+/-0.020 χ^2/NDF : 594271.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.039 $\pm$ 0.045 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

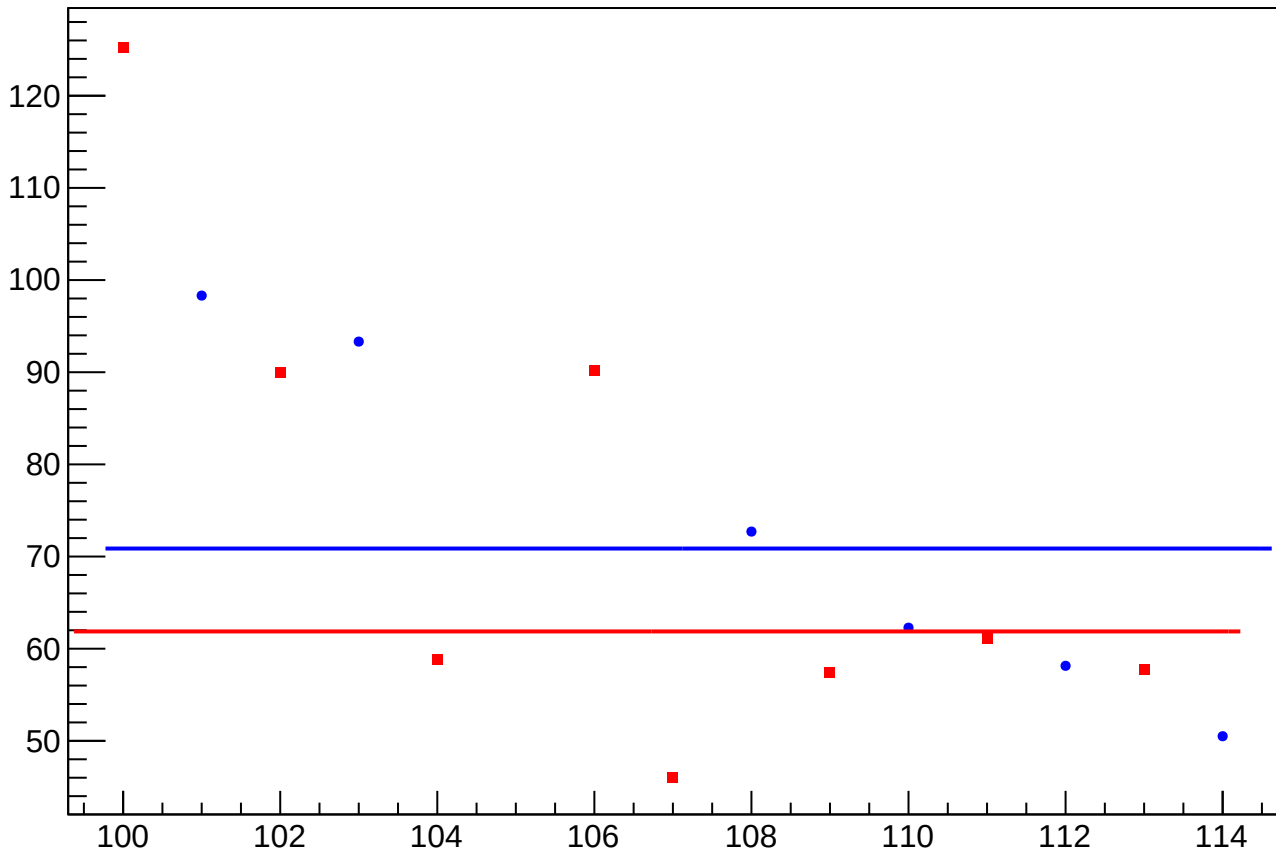
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.028 χ^2 /NDF: 12.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.868+/-0.032 χ^2/NDF : 268631.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.873+/-0.026 χ^2/NDF : 277290.8/7

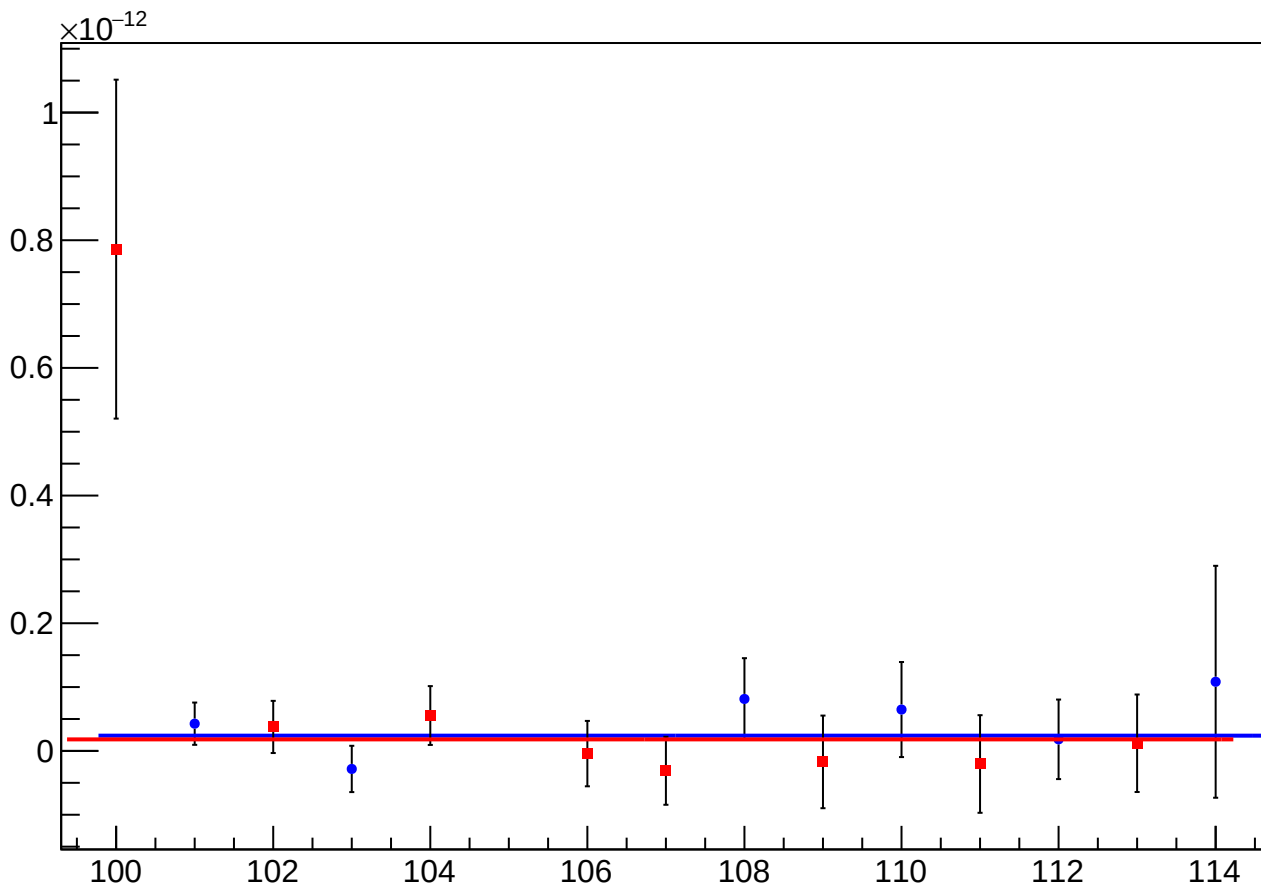
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.405+/-0.020 χ^2/NDF : 594271.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/7

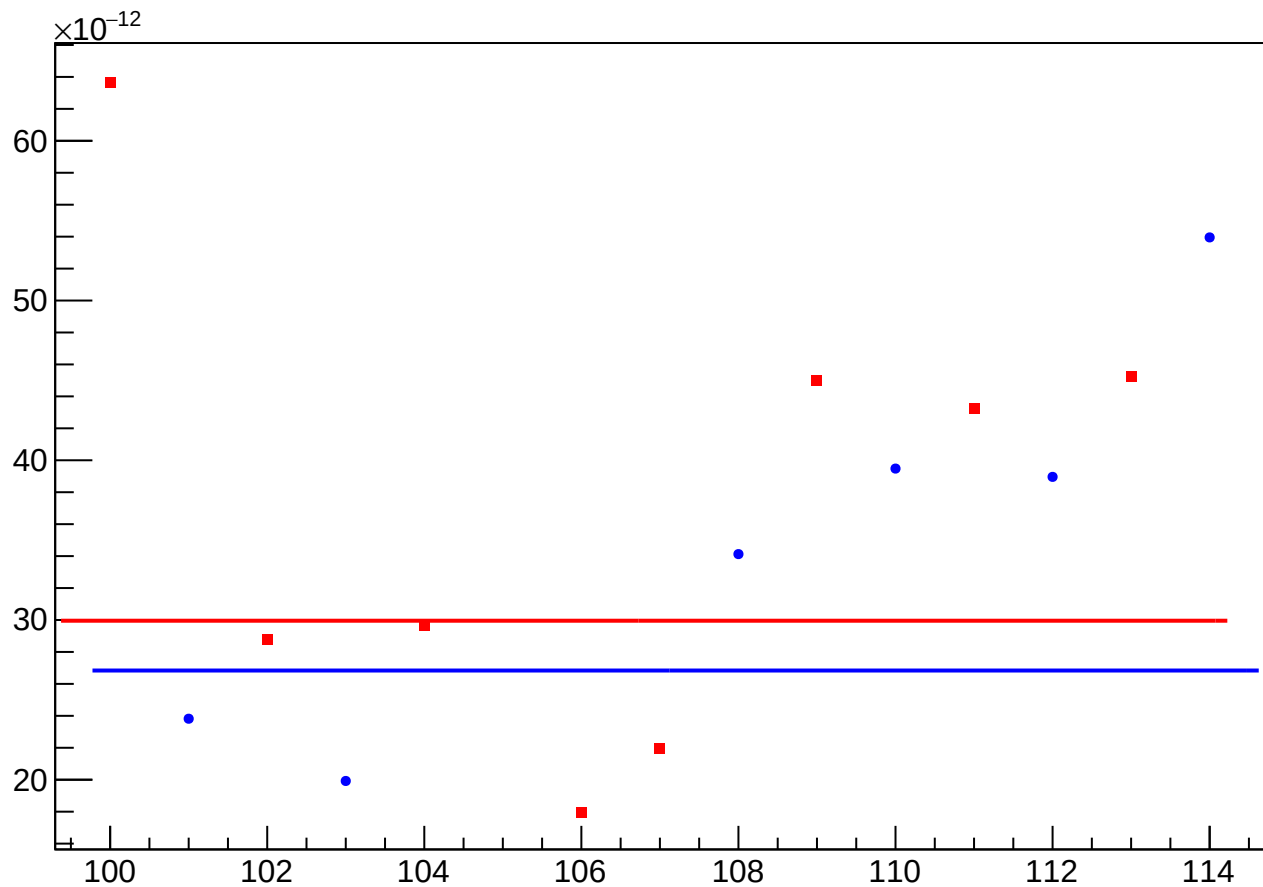
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 293327.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 414618.6/7

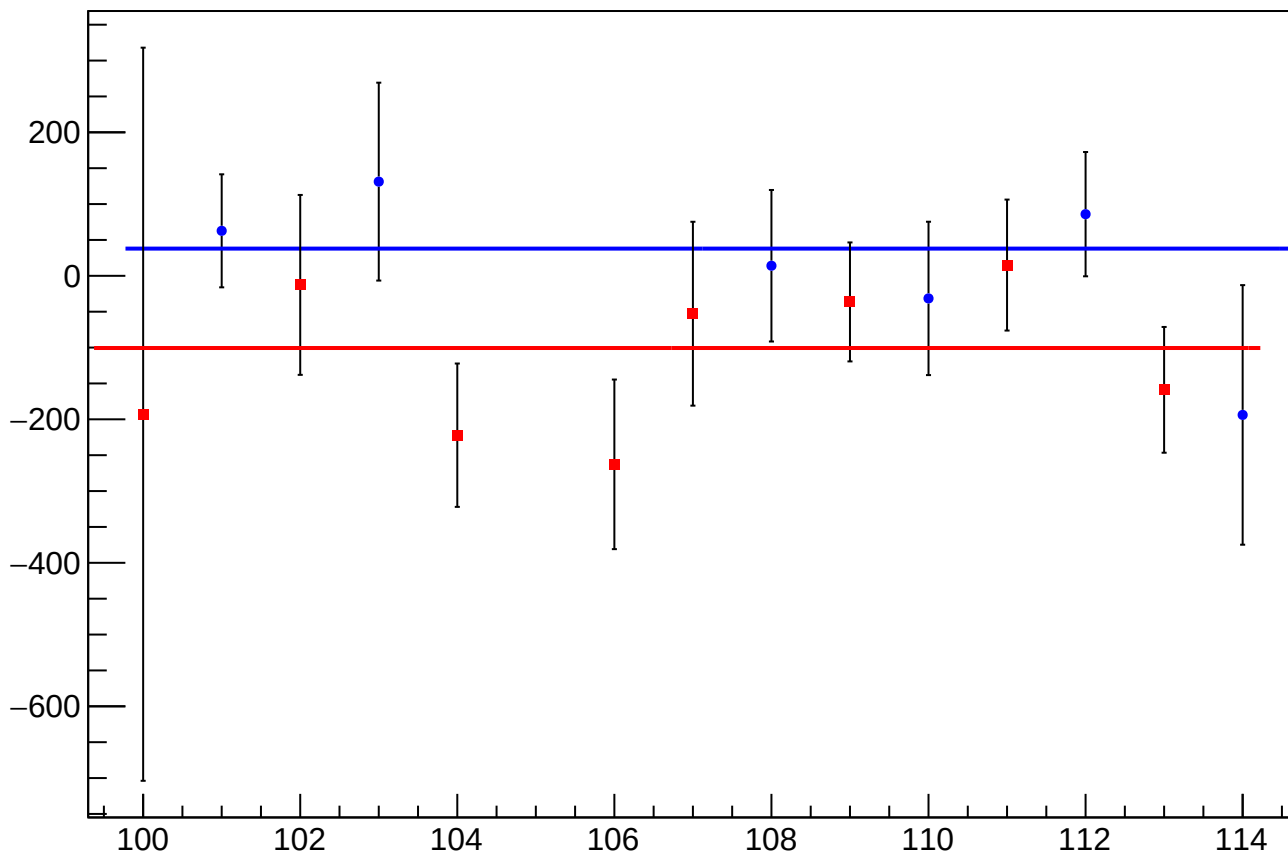
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 730966.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: 37.929 $\pm$ 42.454 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.615 $\pm$ 37.910 χ^2 /NDF: 6.7/7

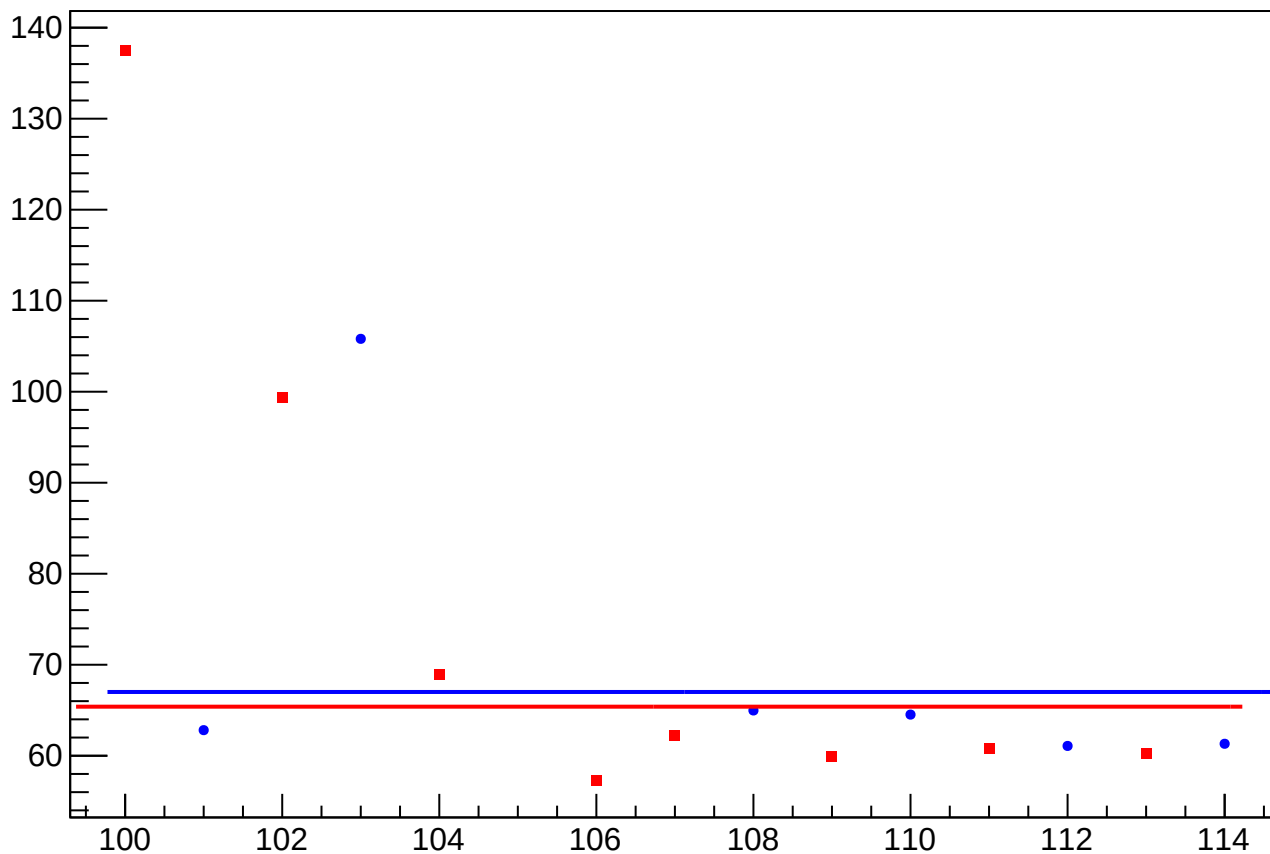
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.152 $\pm$ 28.277 χ^2 /NDF: 15.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 67.008 $\pm$ 0.030 χ^2 /NDF: 177169.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.392 $\pm$ 0.027 χ^2 /NDF: 219914.0/7

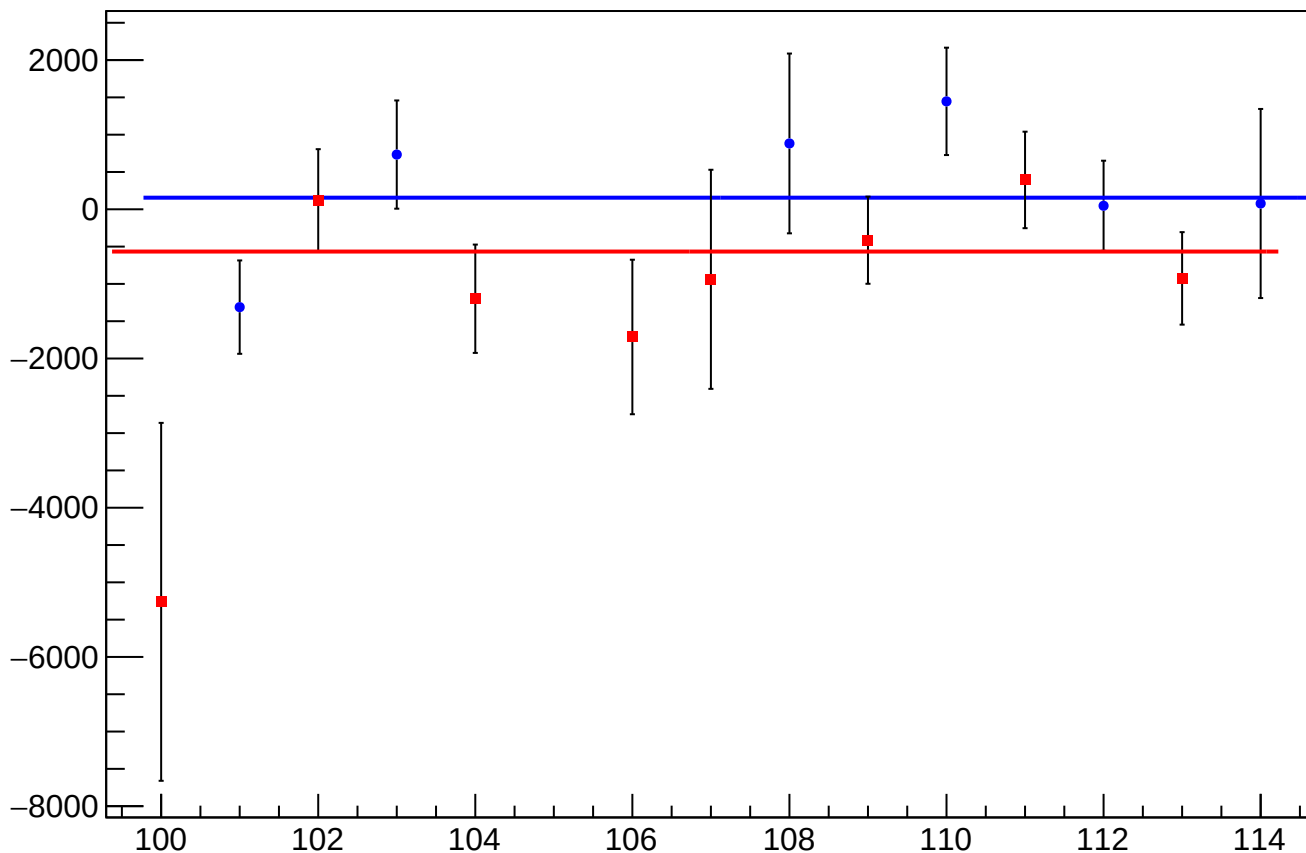
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.109 $\pm$ 0.020 χ^2 /NDF: 398693.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: 155.657+/-309.534 χ^2/NDF : 9.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -566.374+/-272.041 χ^2/NDF : 9.5/7

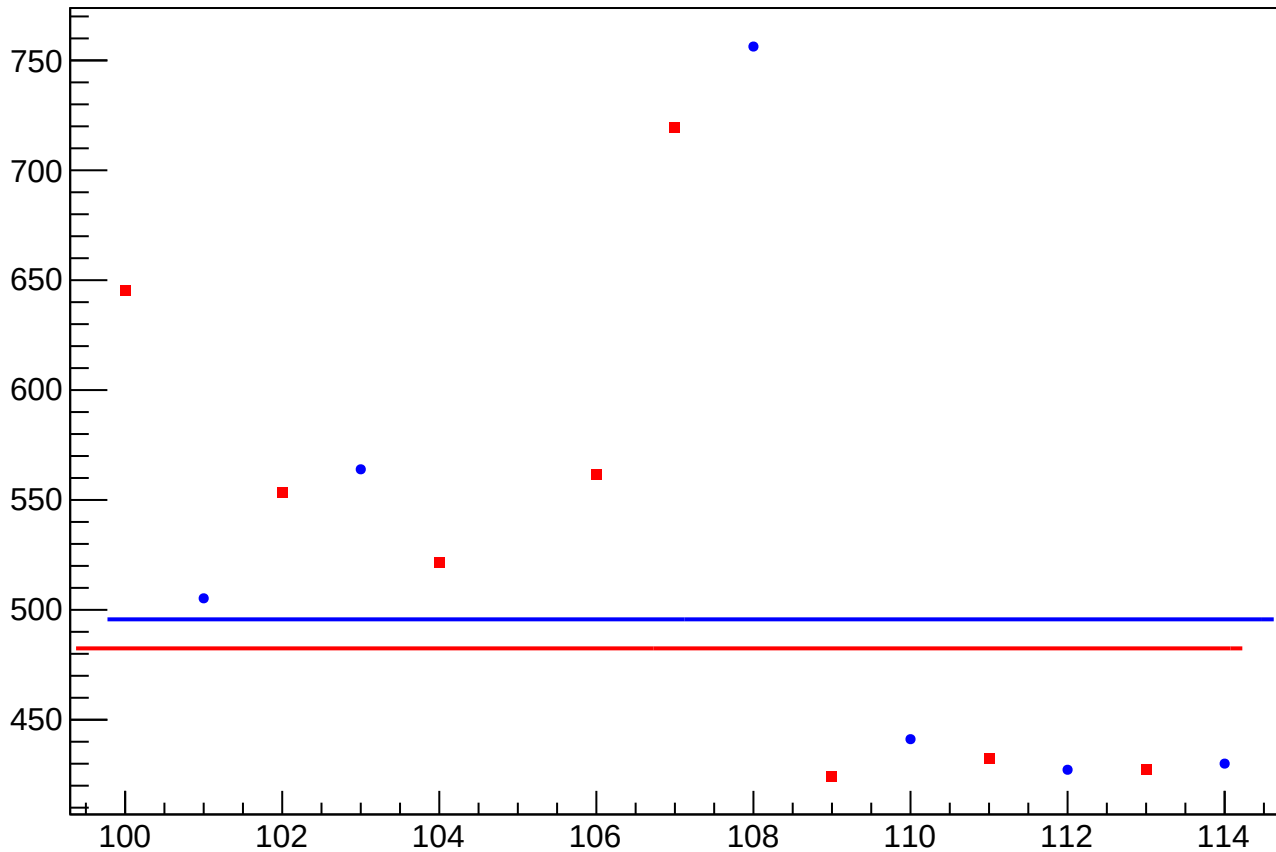
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.712+/-204.339 χ^2/NDF : 22.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 495.682 $\pm$ 0.219 χ^2 /NDF: 154276.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.474 $\pm$ 0.192 χ^2 /NDF: 148088.8/7

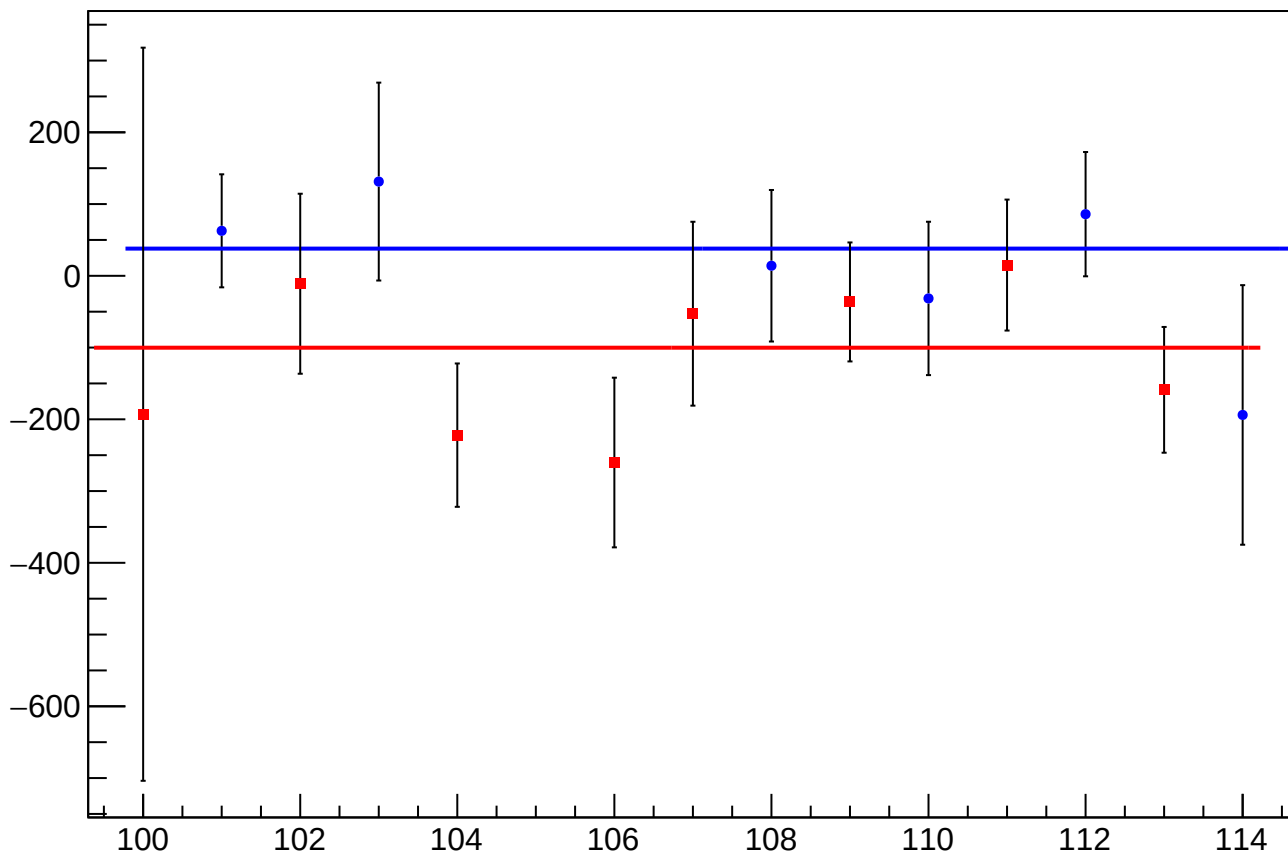
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 488.230 $\pm$ 0.144 χ^2 /NDF: 304419.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: 37.924 $\pm$ 42.454 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.194 $\pm$ 37.914 χ^2 /NDF: 6.6/7

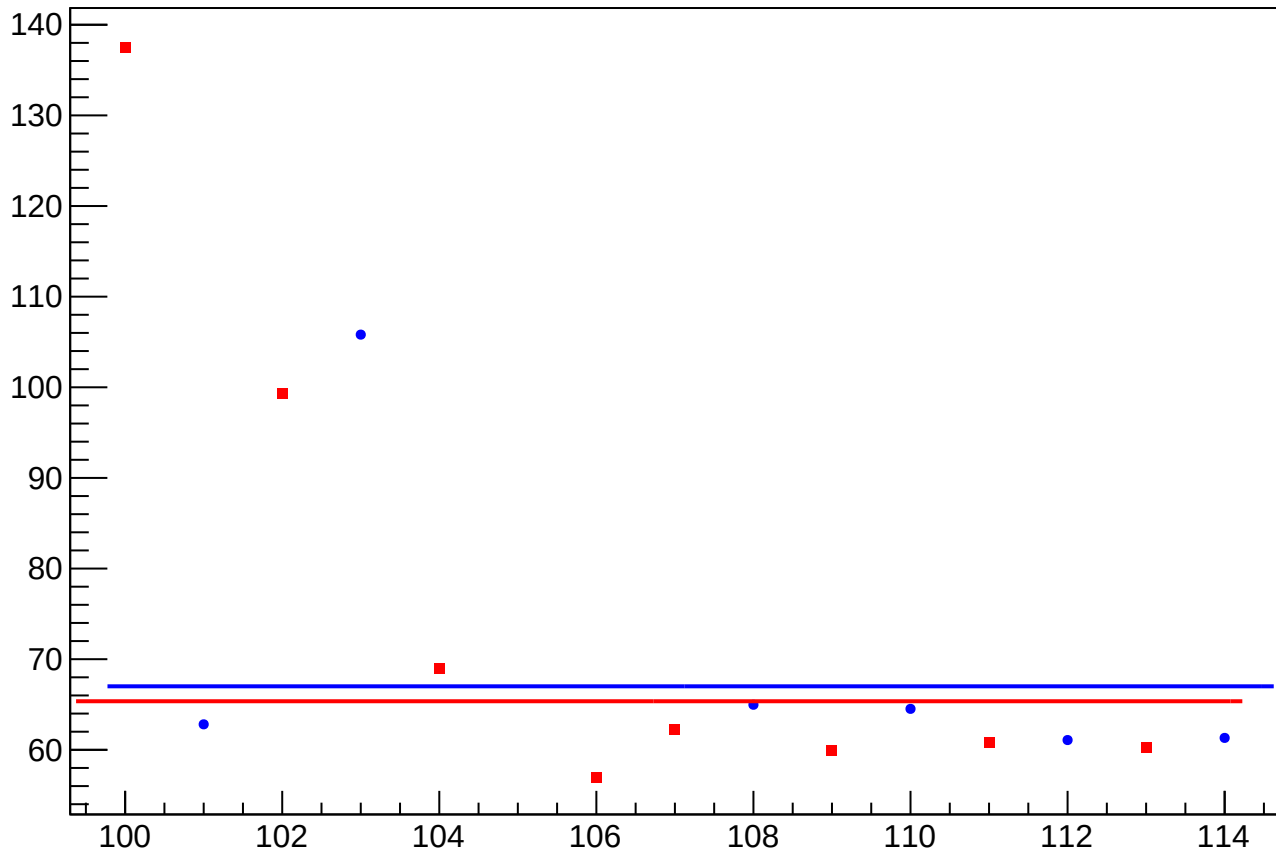
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.913 $\pm$ 28.278 χ^2 /NDF: 15.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 67.008 $\pm$ 0.030 χ^2 /NDF: 177172.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.360 $\pm$ 0.027 χ^2 /NDF: 220931.5/7

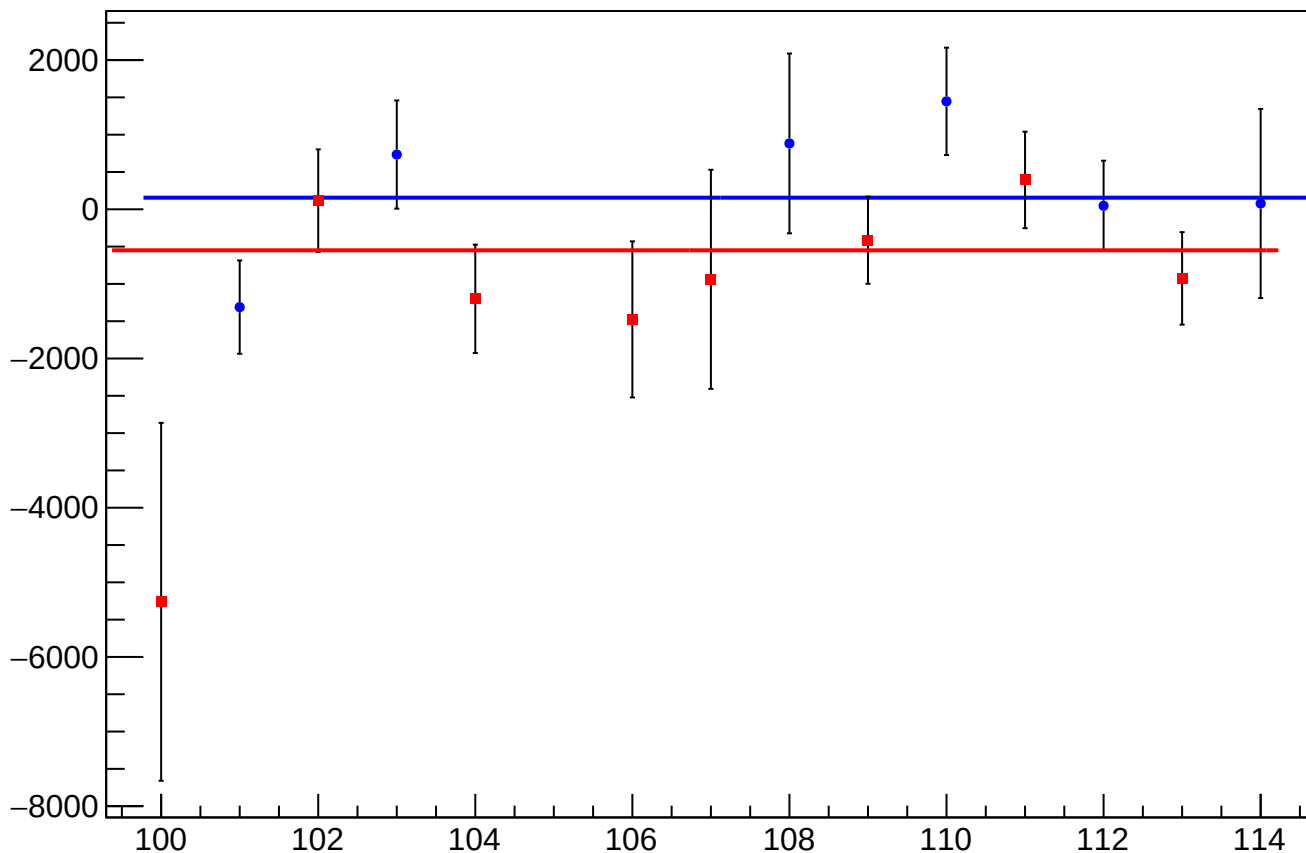
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.091 $\pm$ 0.020 χ^2 /NDF: 399779.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



Right In: 155.620 $\pm$ 309.539 χ^2 /NDF: 9.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -549.532 $\pm$ 272.261 χ^2 /NDF: 9.0/7

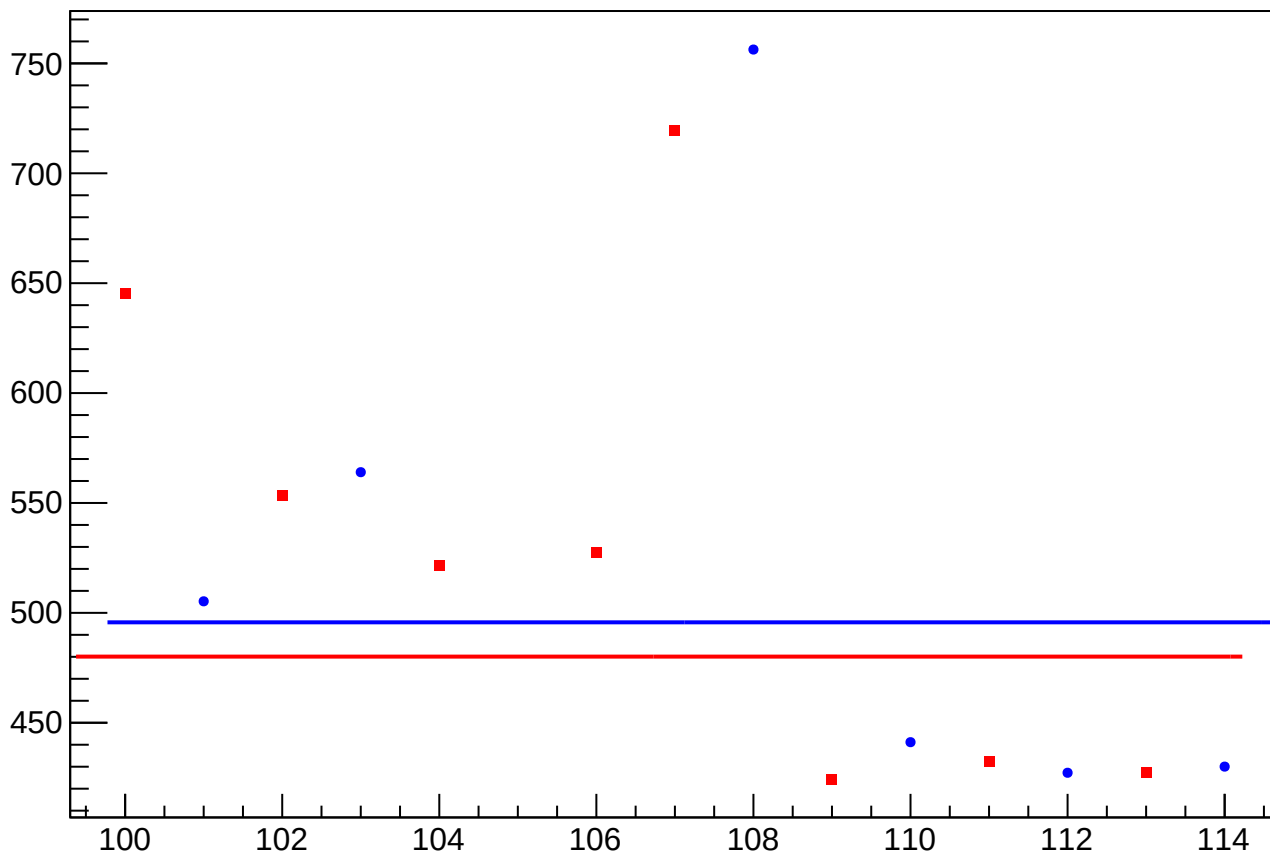
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -241.953 $\pm$ 204.434 χ^2 /NDF: 21.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 495.690 $\pm$ 0.219 χ^2 /NDF: 154301.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.095 $\pm$ 0.193 χ^2 /NDF: 140162.5/7

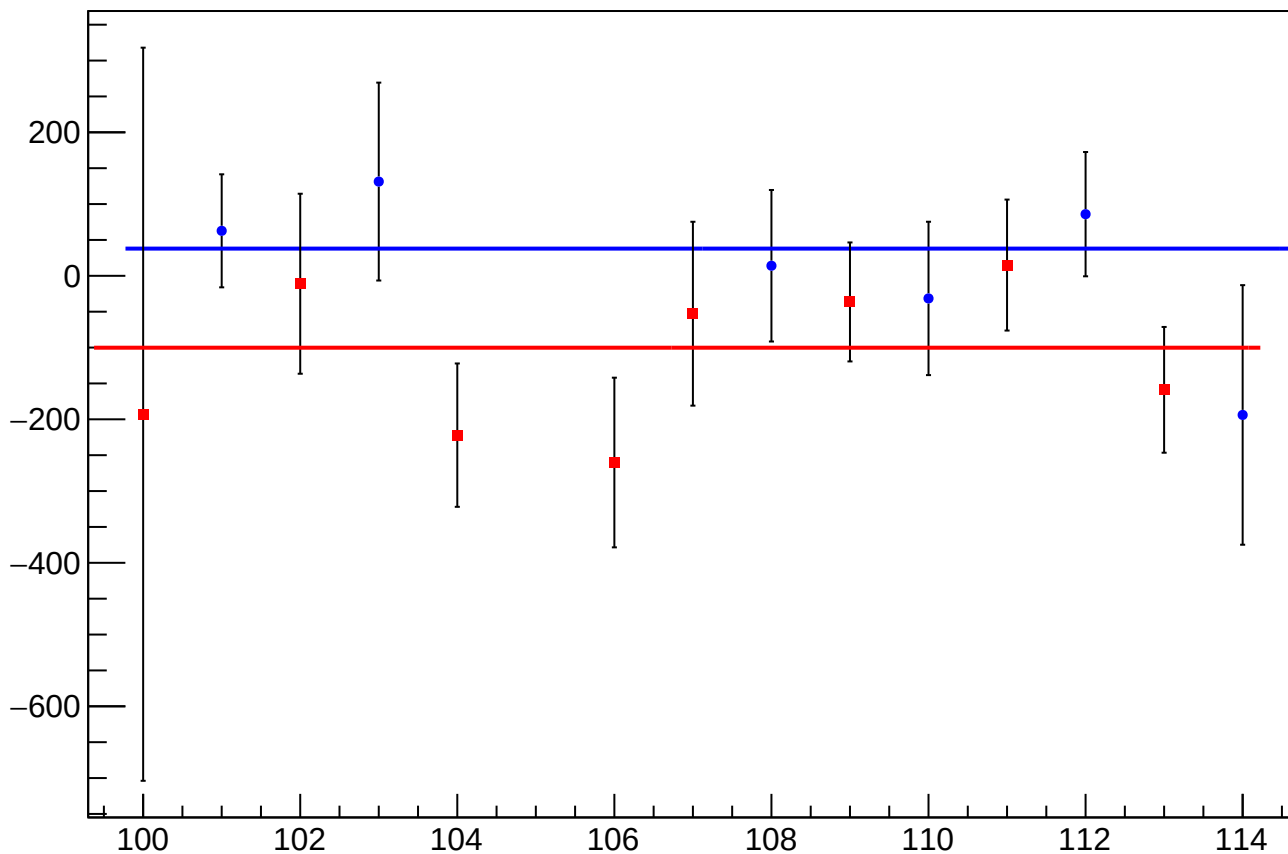
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 486.897 $\pm$ 0.145 χ^2 /NDF: 297325.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1548_avg_mean vs Slug



Right In: 37.924 $\pm$ 42.454 χ^2 /NDF: 3.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.194 $\pm$ 37.914 χ^2 /NDF: 6.6/7

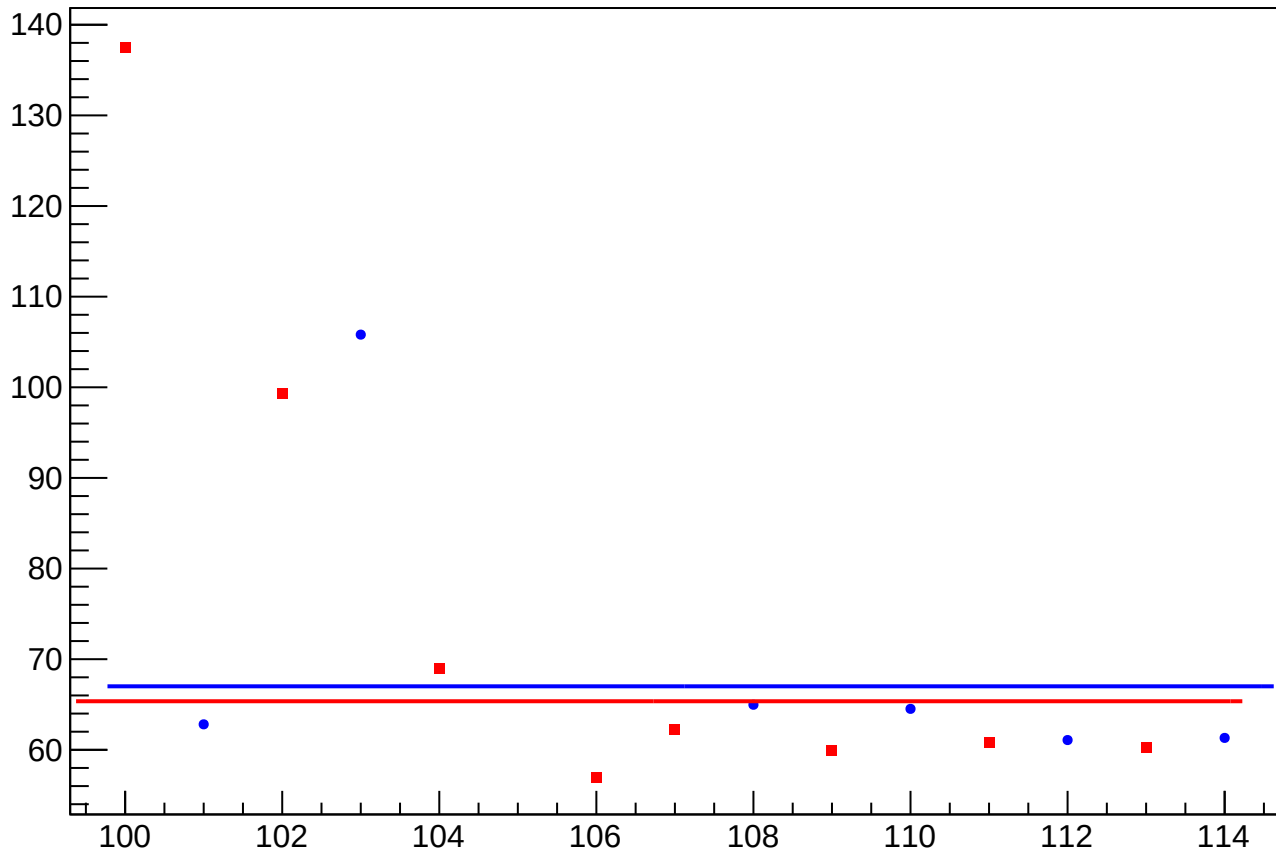
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.913 $\pm$ 28.278 χ^2 /NDF: 15.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 67.008 $\pm$ 0.030 χ^2 /NDF: 177172.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.360 $\pm$ 0.027 χ^2 /NDF: 220931.5/7

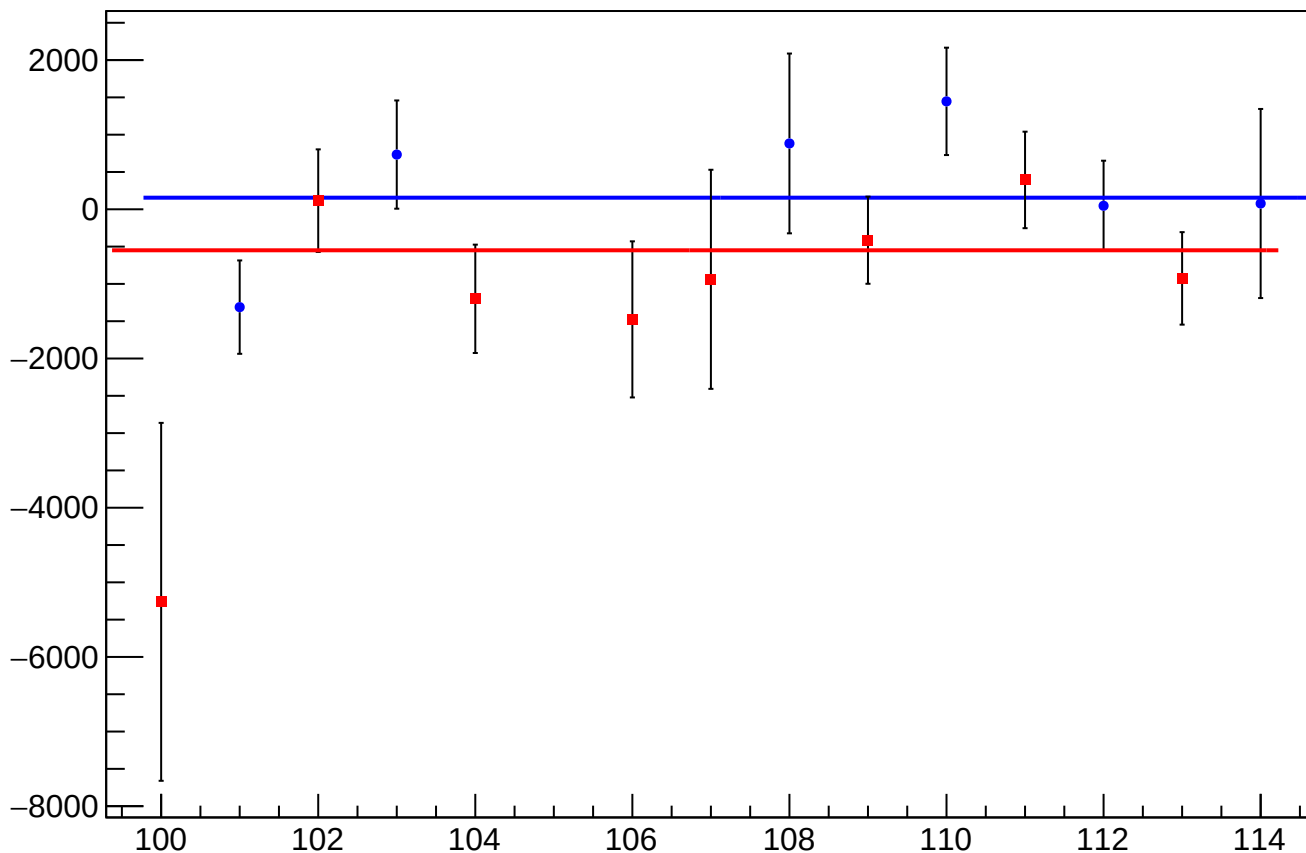
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.091 $\pm$ 0.020 χ^2 /NDF: 399779.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: 155.620 $\pm$ 309.539 χ^2 /NDF: 9.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -549.532 $\pm$ 272.261 χ^2 /NDF: 9.0/7

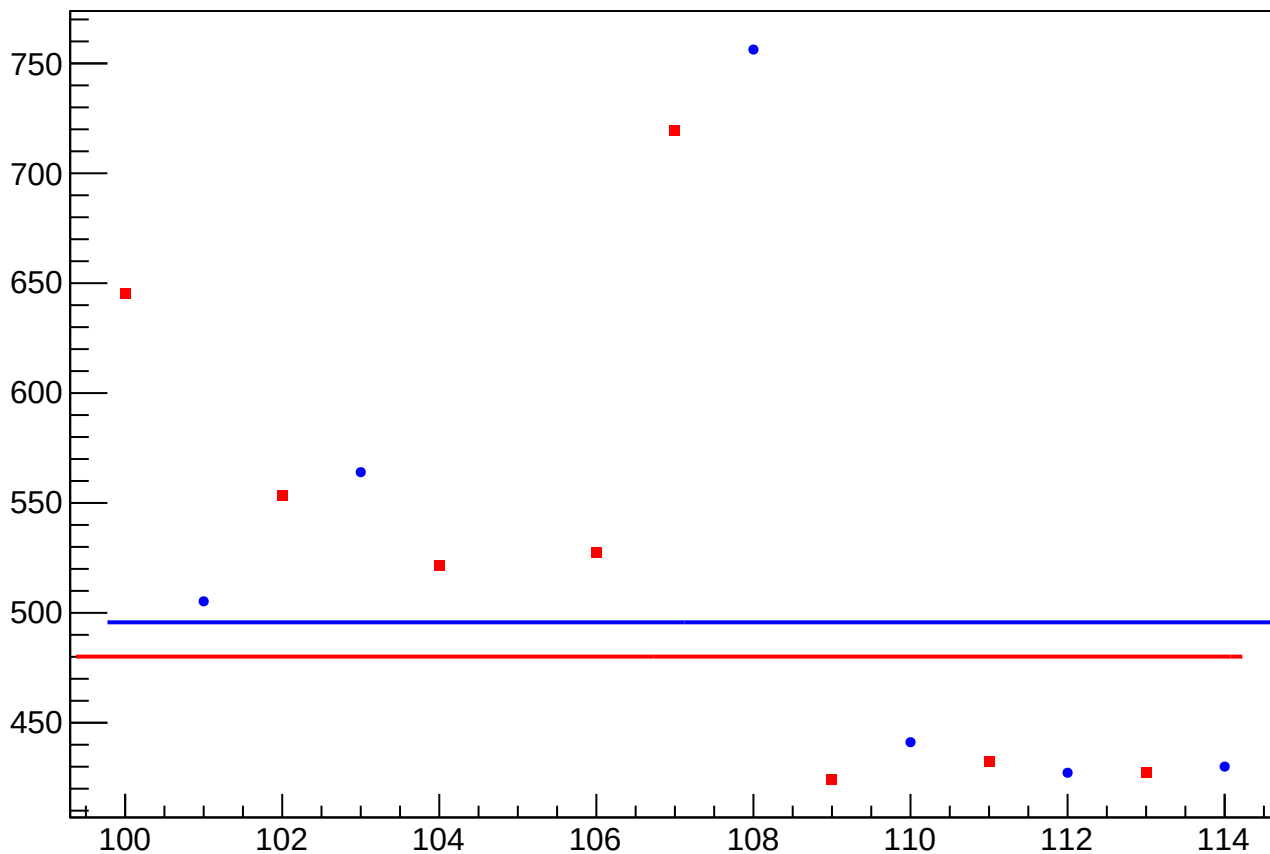
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -241.953 $\pm$ 204.434 χ^2 /NDF: 21.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 495.690 $\pm$ 0.219 χ^2 /NDF: 154301.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.095 $\pm$ 0.193 χ^2 /NDF: 140162.5/7

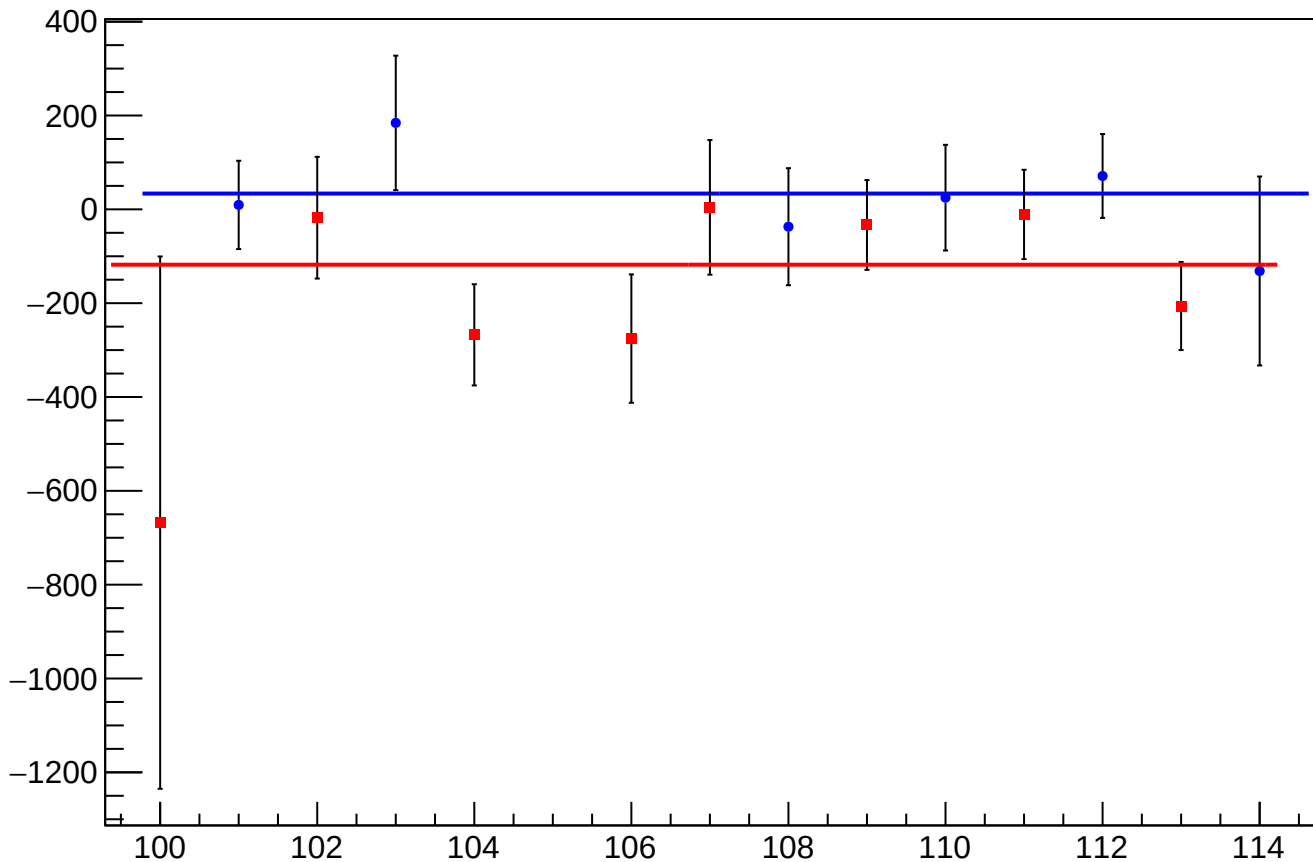
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 486.897 $\pm$ 0.145 χ^2 /NDF: 297325.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: 33.627 $\pm$ 46.896 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -117.973 $\pm$ 41.400 χ^2 /NDF: 8.4/7

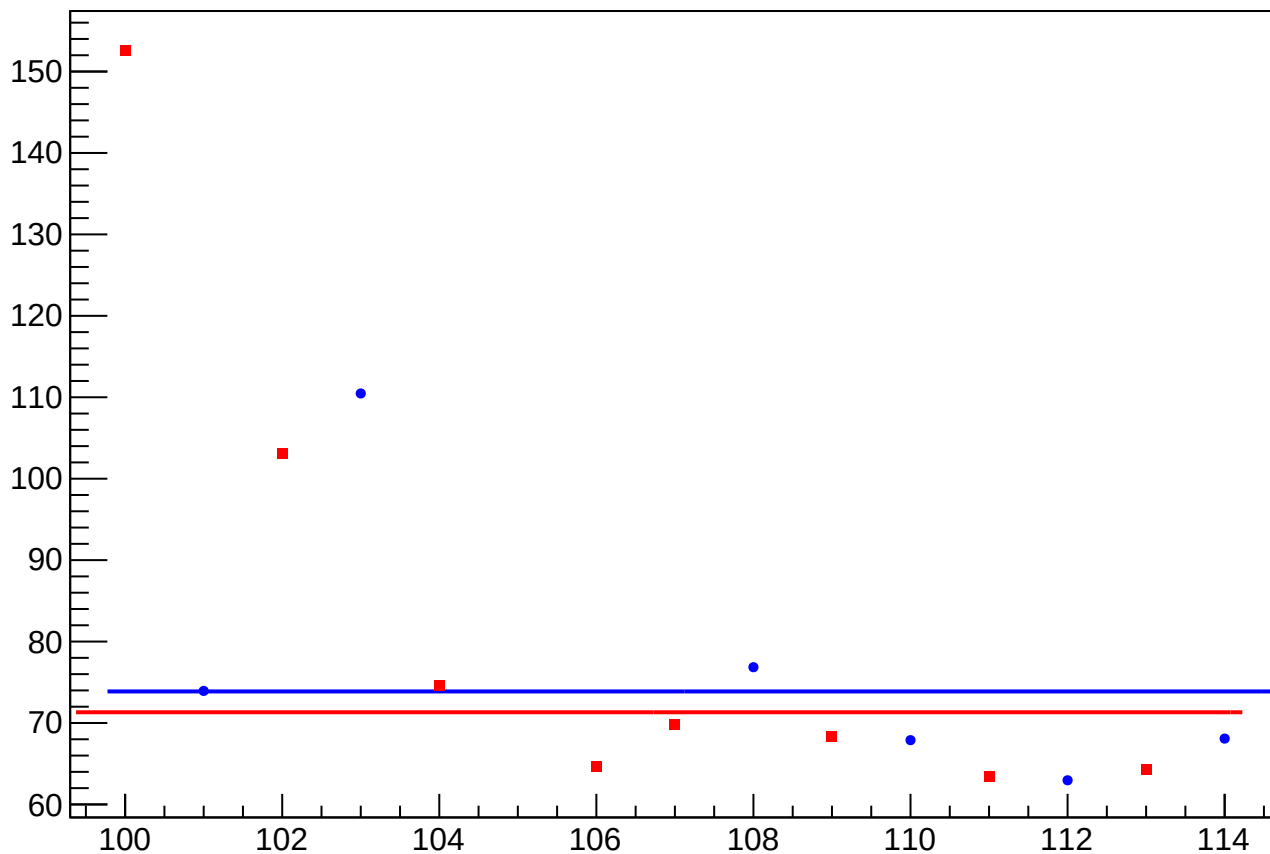
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.574 $\pm$ 31.036 χ^2 /NDF: 16.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 73.875+/-0.033 χ^2 /NDF: 168751.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 71.317+/-0.029 χ^2 /NDF: 194119.6/7

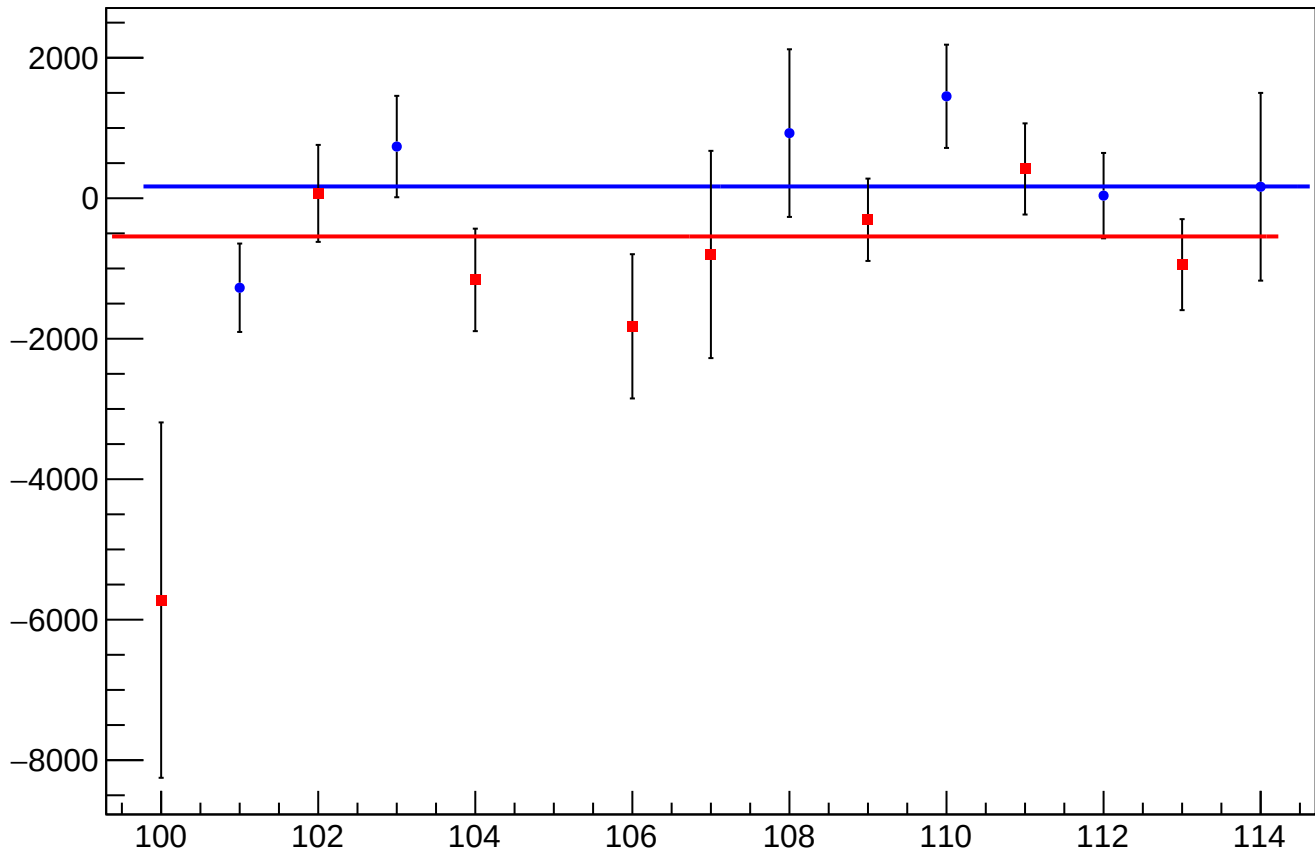
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 72.438+/-0.022 χ^2 /NDF: 366215.7/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: 167.935 $\pm$ 312.119 χ^2 /NDF: 9.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -543.906 $\pm$ 275.139 χ^2 /NDF: 10.0/7

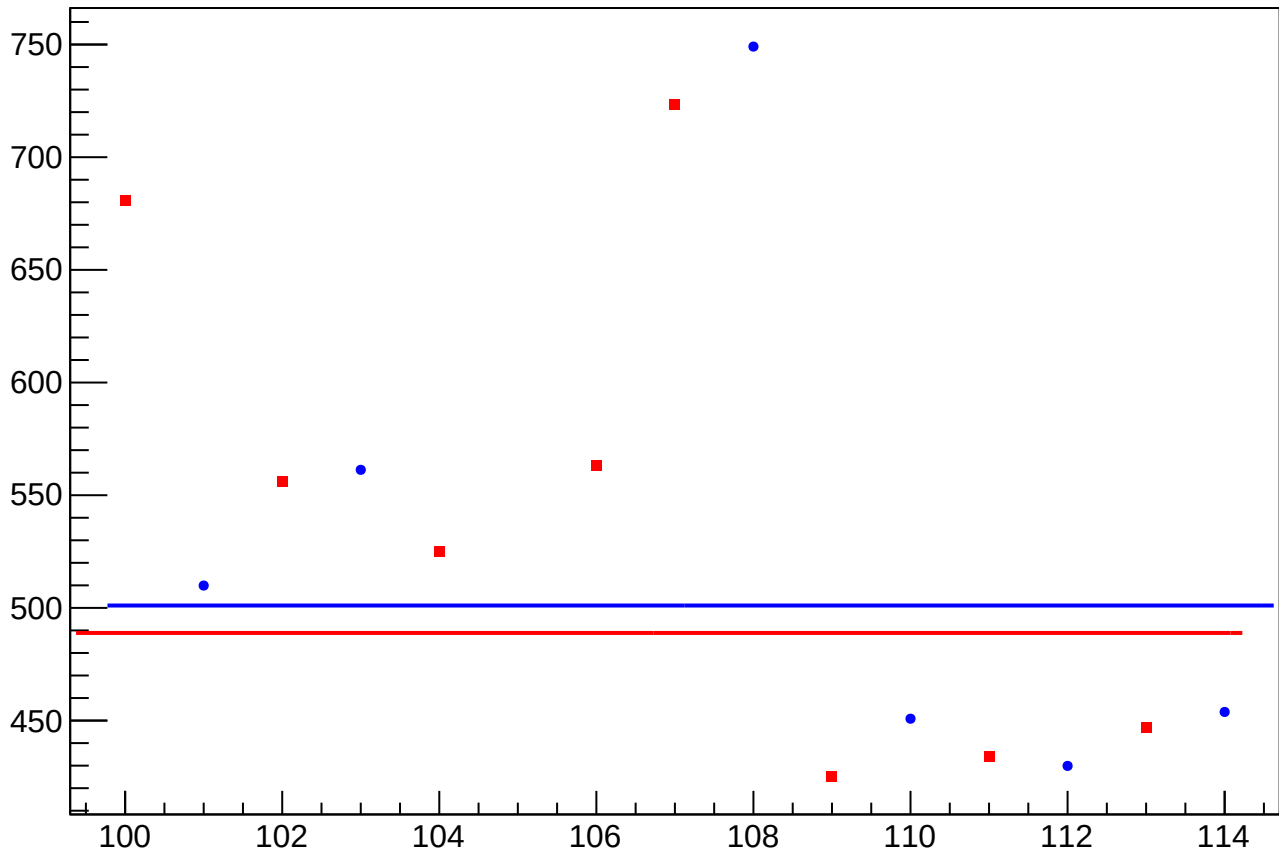
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -232.634 $\pm$ 206.395 χ^2 /NDF: 22.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 501.057+/-0.221 χ^2/NDF : 139970.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.883+/-0.195 χ^2/NDF : 142949.8/7

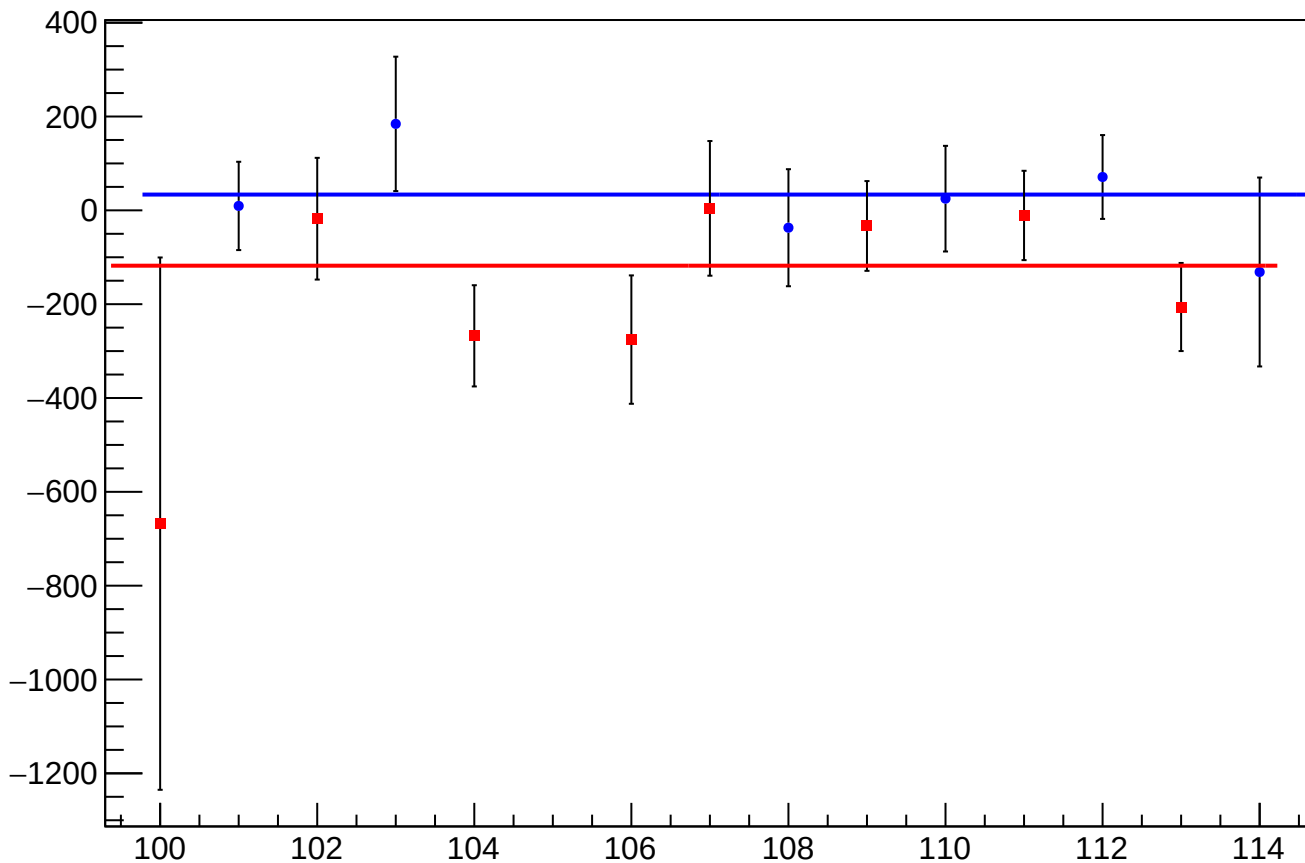
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.207+/-0.146 χ^2/NDF : 284632.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: 33.628+/-46.896 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.972+/-41.400 χ^2/NDF : 8.4/7

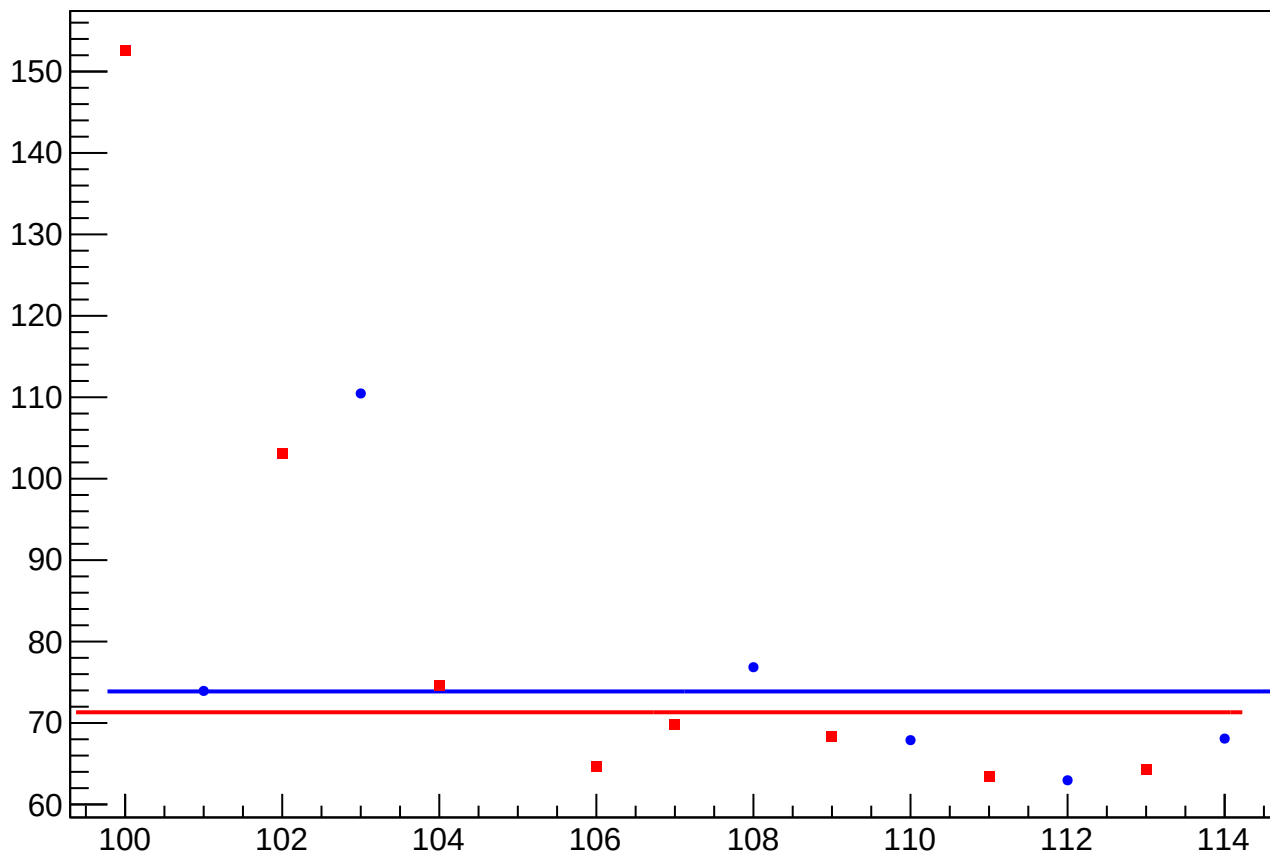
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.574+/-31.036 χ^2/NDF : 16.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 73.875+/-0.033 χ^2/NDF : 168752.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.317+/-0.029 χ^2/NDF : 194120.7/7

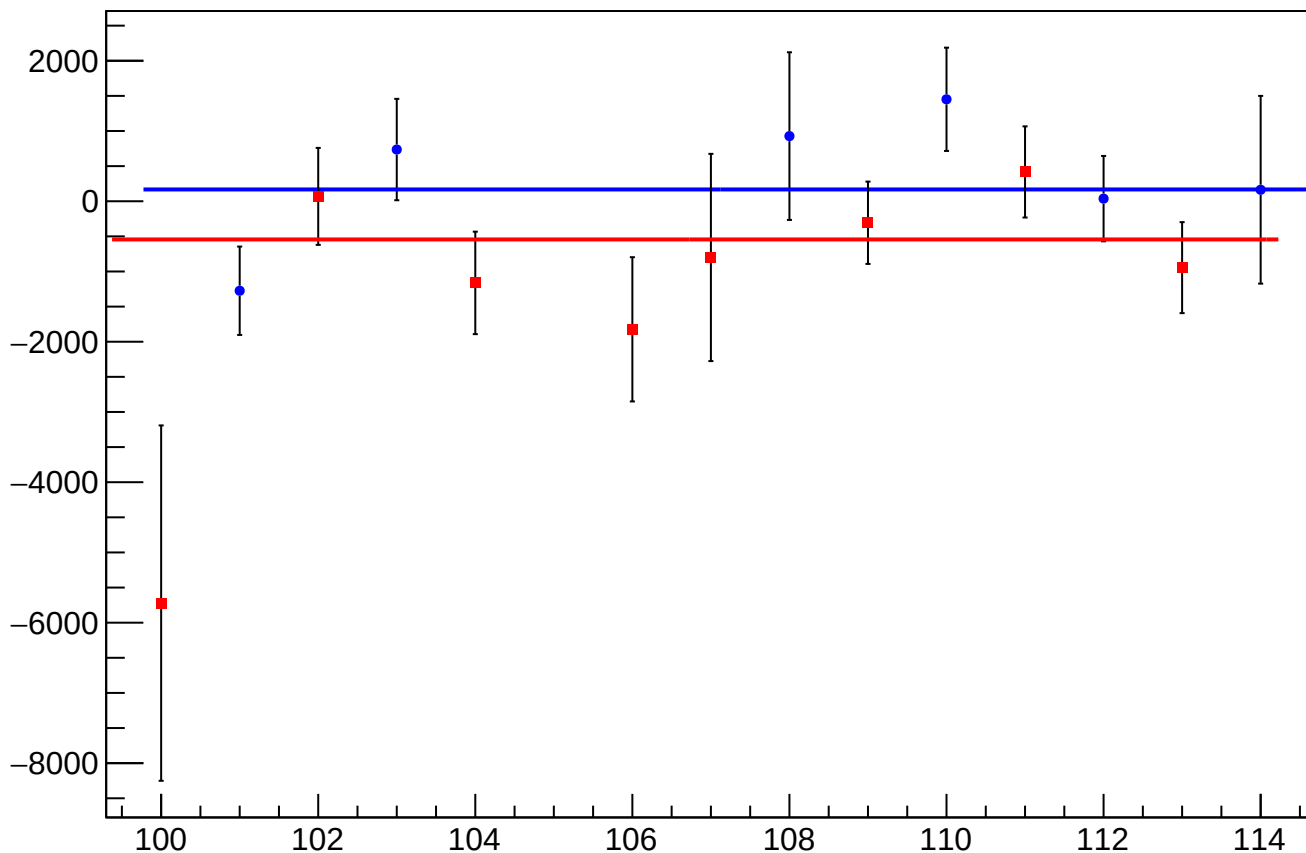
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.438+/-0.022 χ^2/NDF : 366218.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: 167.935 $\pm$ 312.119 χ^2 /NDF: 9.4/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -543.904 $\pm$ -275.138 χ^2 /NDF: 10.0/7

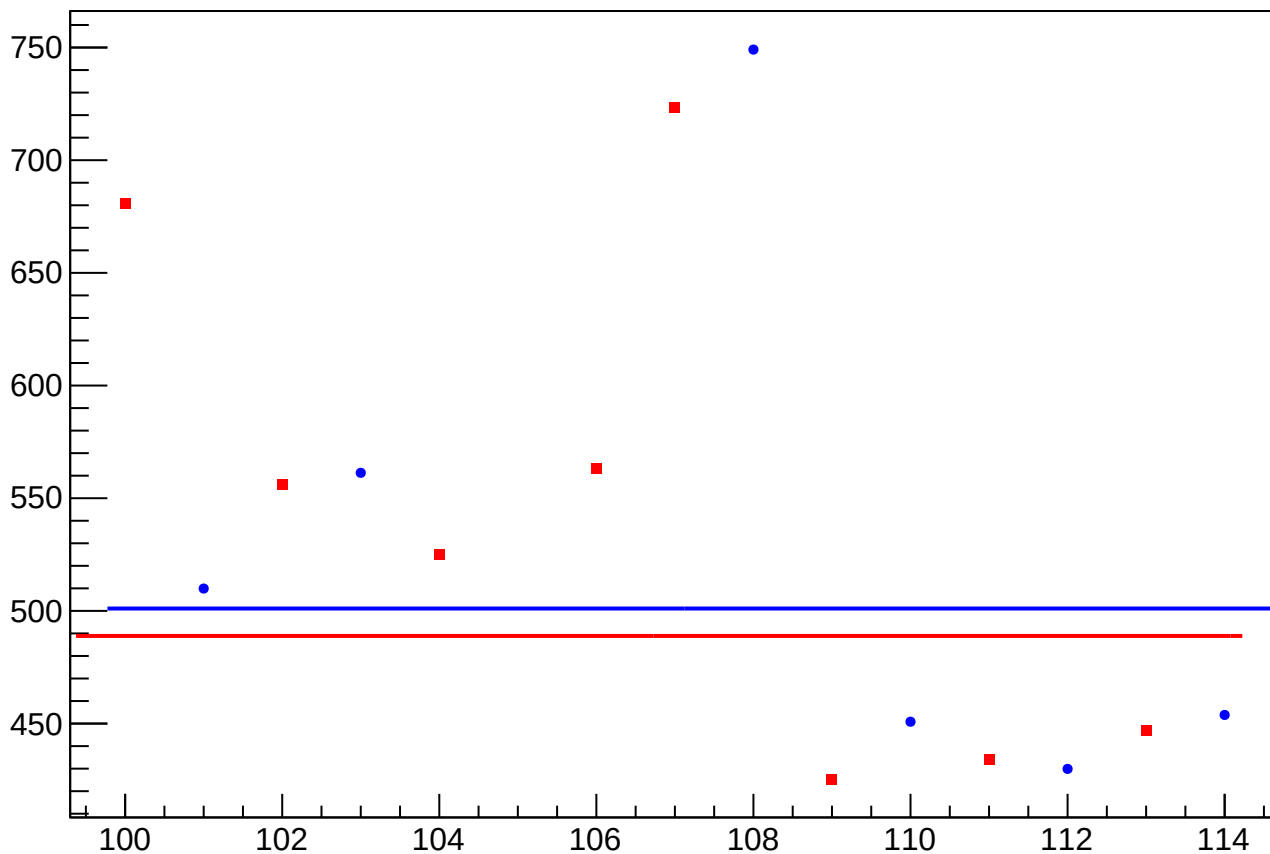
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -232.633 $\pm$ -206.395 χ^2 /NDF: 22.3/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



Right In: 501.057 $\pm$ 0.221 χ^2 /NDF: 139970.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 488.883 $\pm$ 0.195 χ^2 /NDF: 142951.0/7

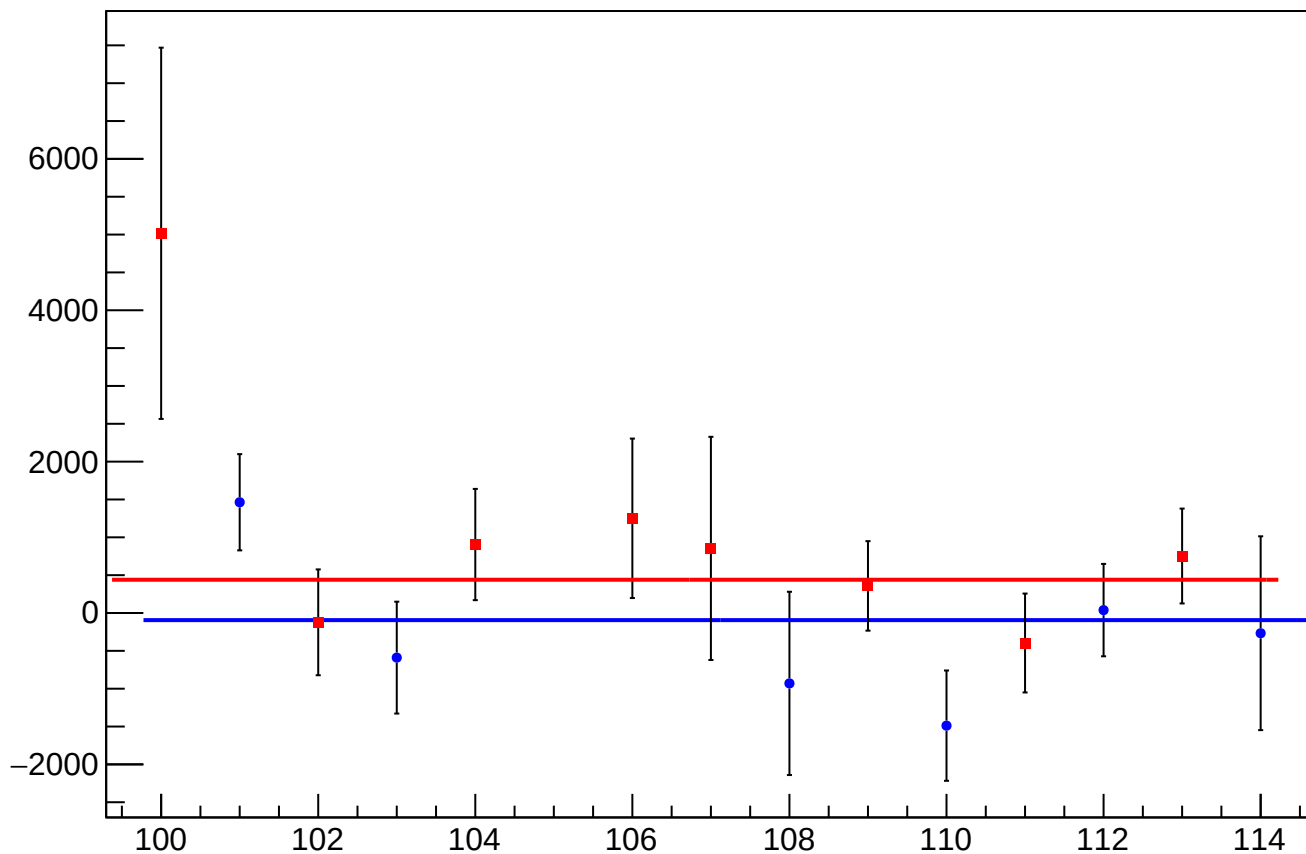
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 494.206 $\pm$ 0.146 χ^2 /NDF: 284634.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: -94.067 ± 313.653 χ^2/NDF : 10.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 439.476 ± 275.515 χ^2/NDF : 7.1/7

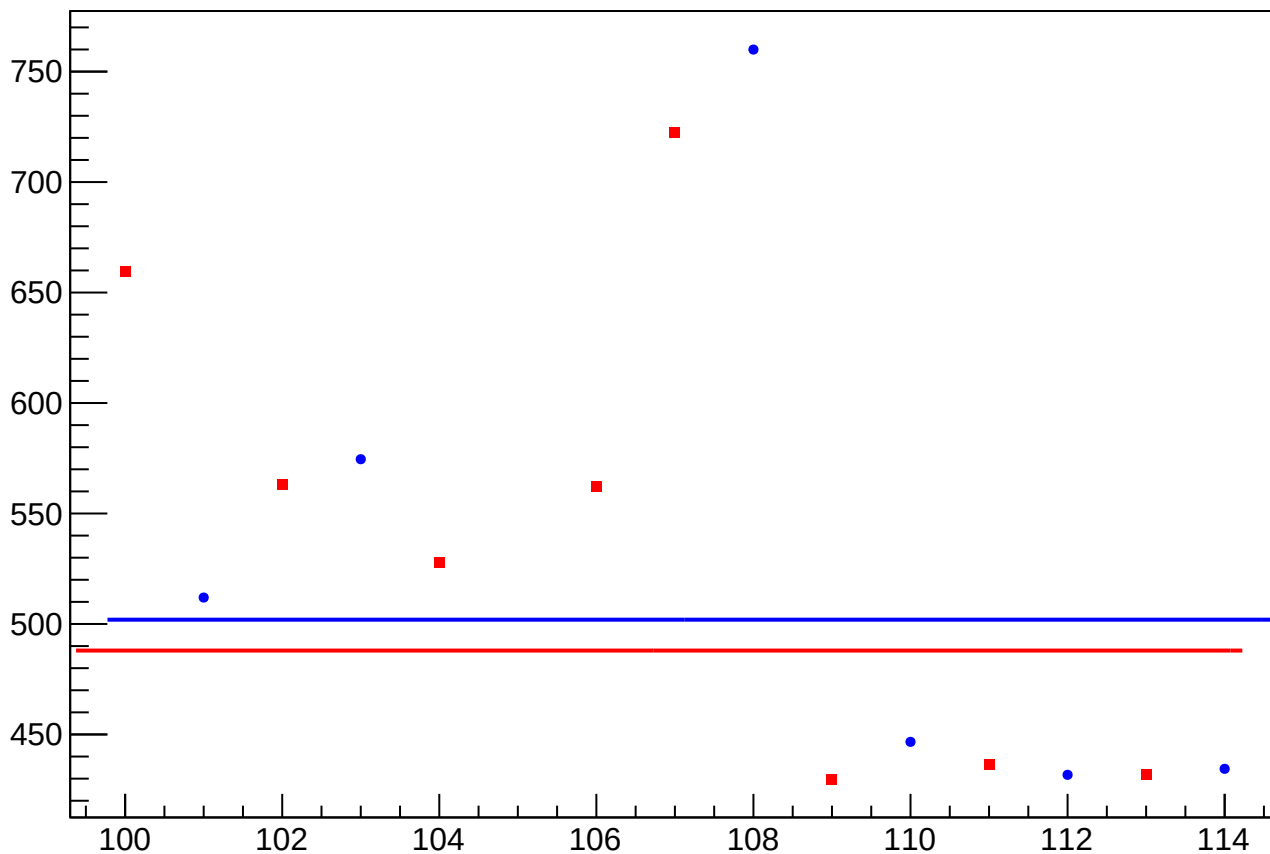
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 207.098 ± 206.996 χ^2/NDF : 19.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 501.942 $\pm$ 0.222 χ^2 /NDF: 154194.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 487.972 $\pm$ 0.195 χ^2 /NDF: 147333.2/7

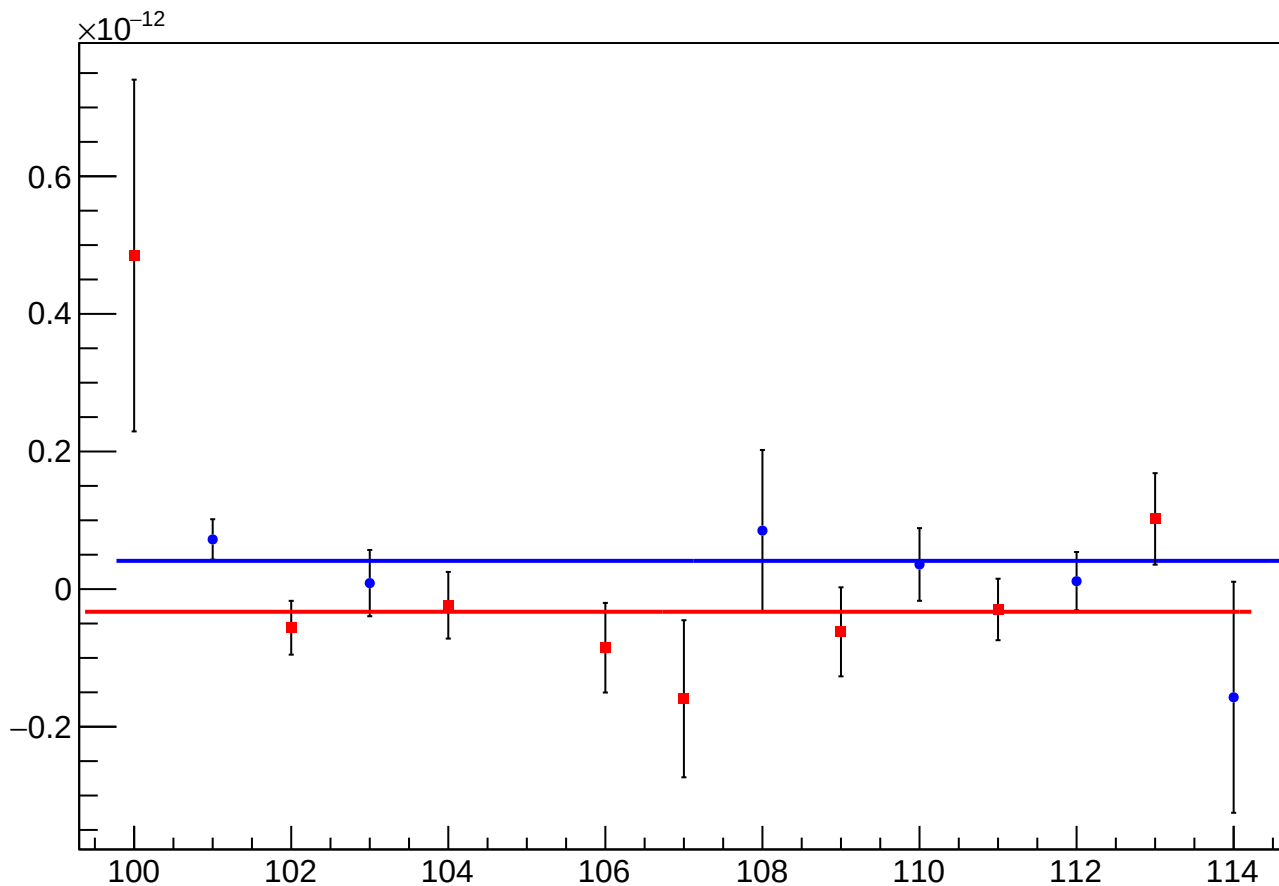
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 494.056 $\pm$ 0.146 χ^2 /NDF: 303767.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/7

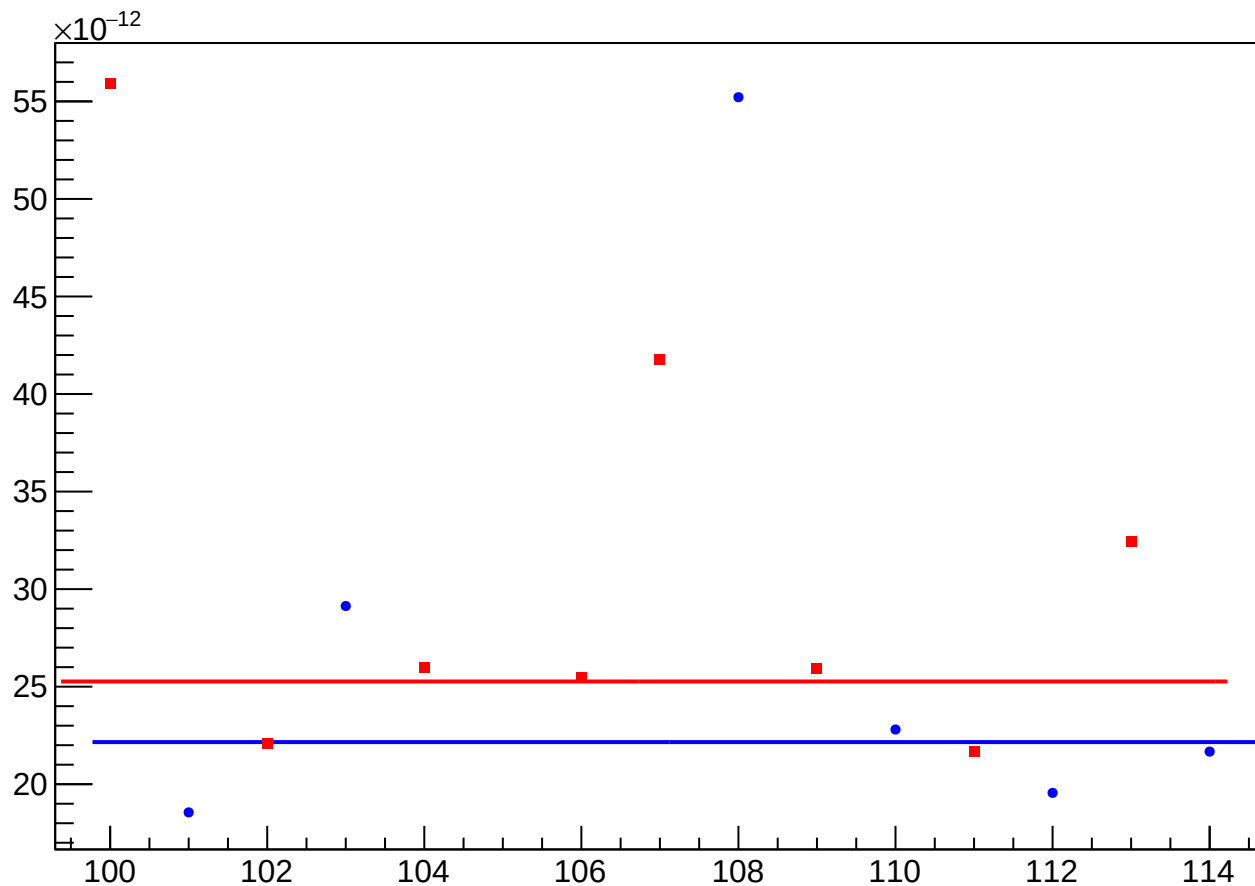
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 238970.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 120658.4/7

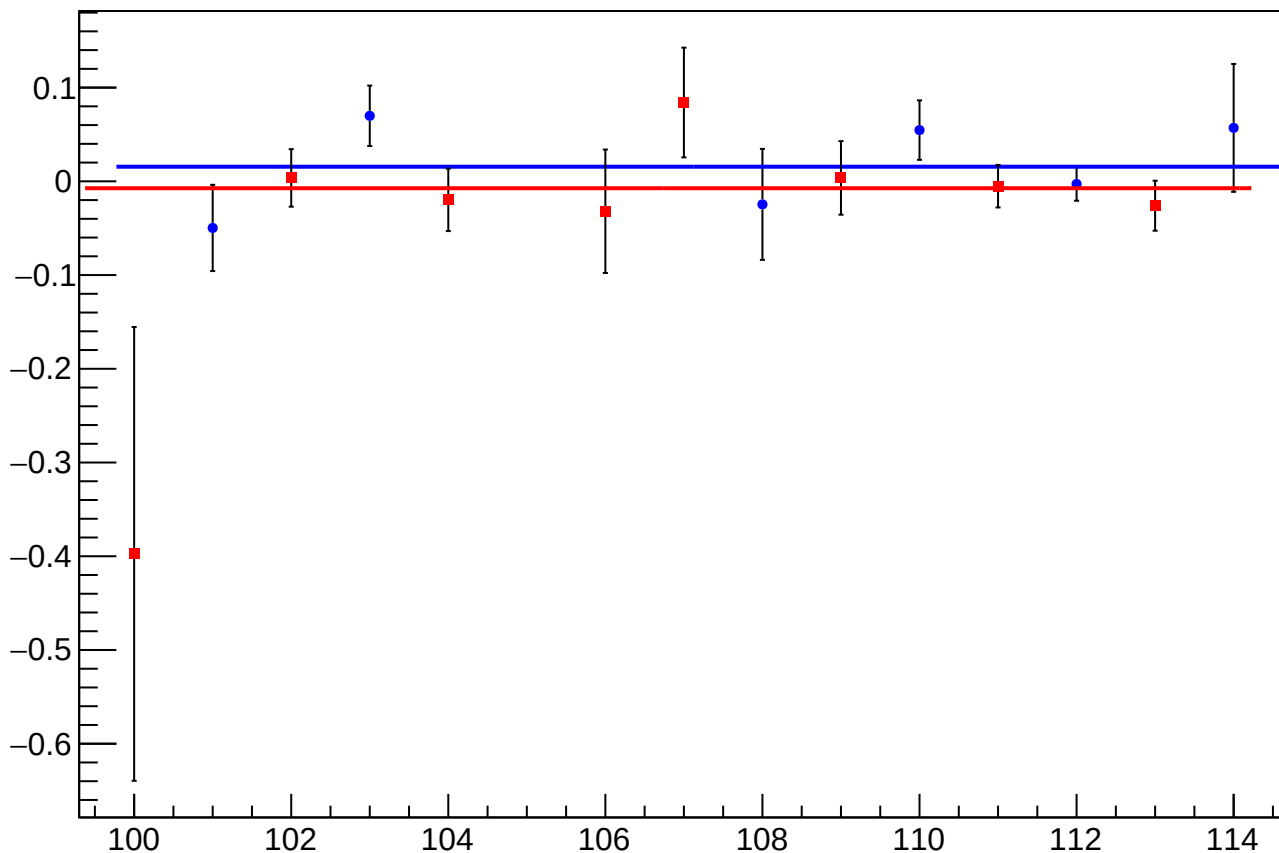
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383619.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 6.0/7

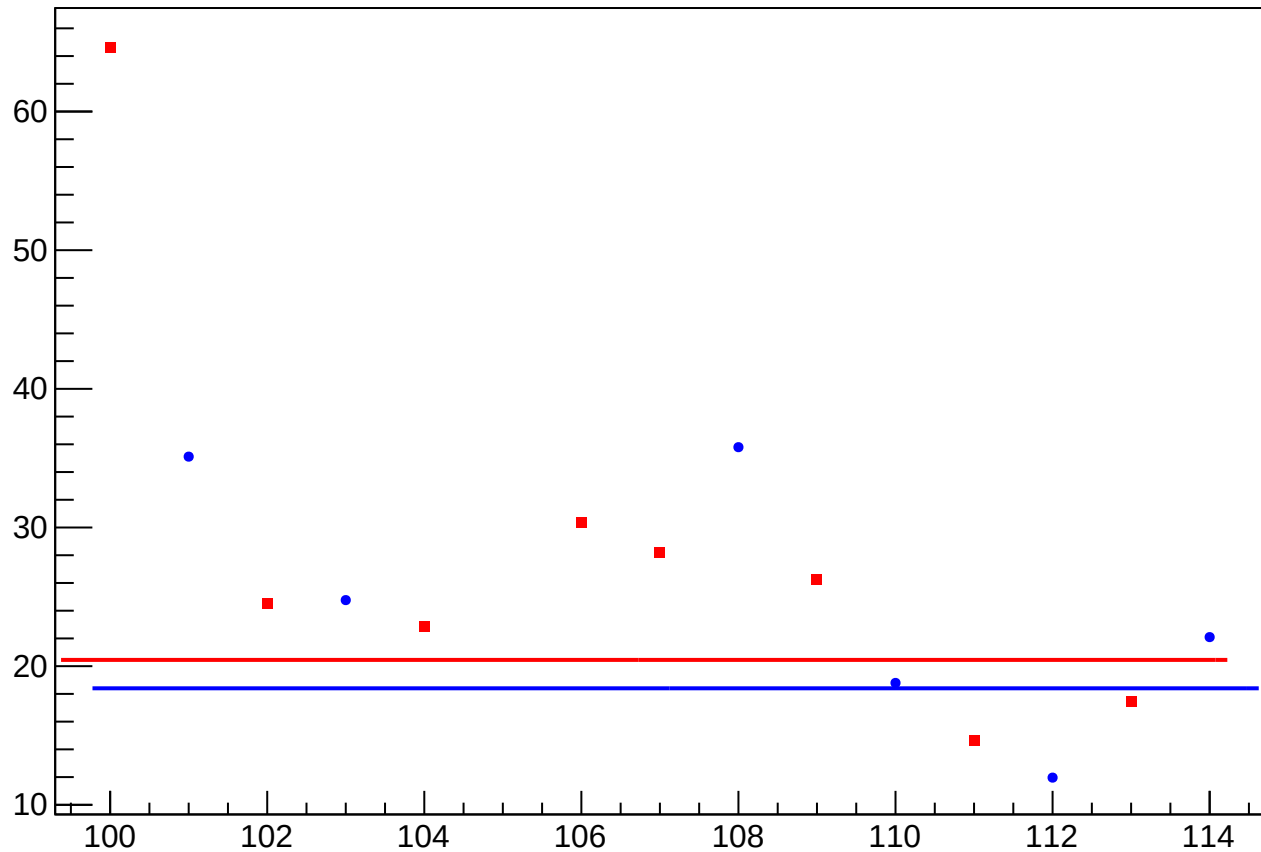
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug



Right In: 18.403+/-0.009 χ^2/NDF : 779947.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.451+/-0.009 χ^2/NDF : 394367.9/7

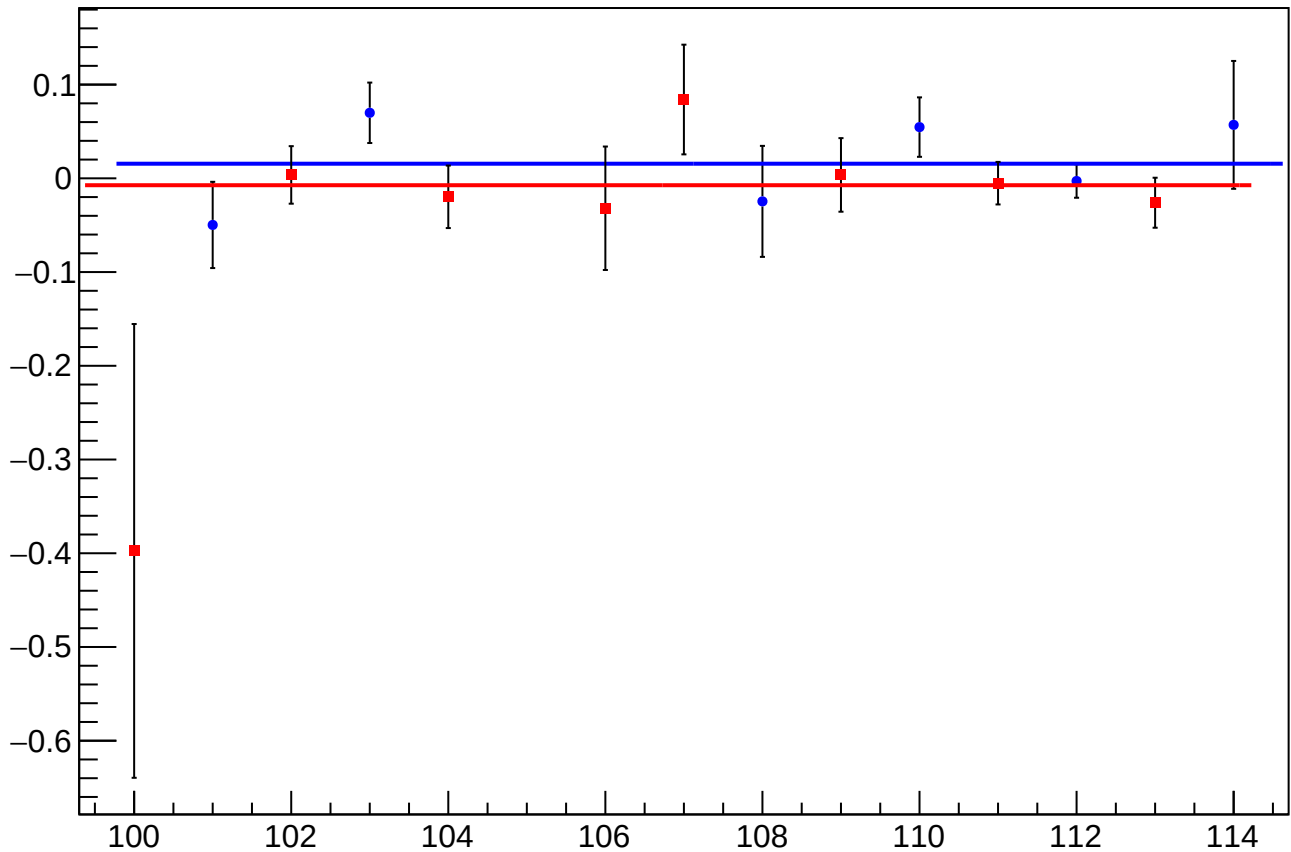
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200621.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 6.0/7

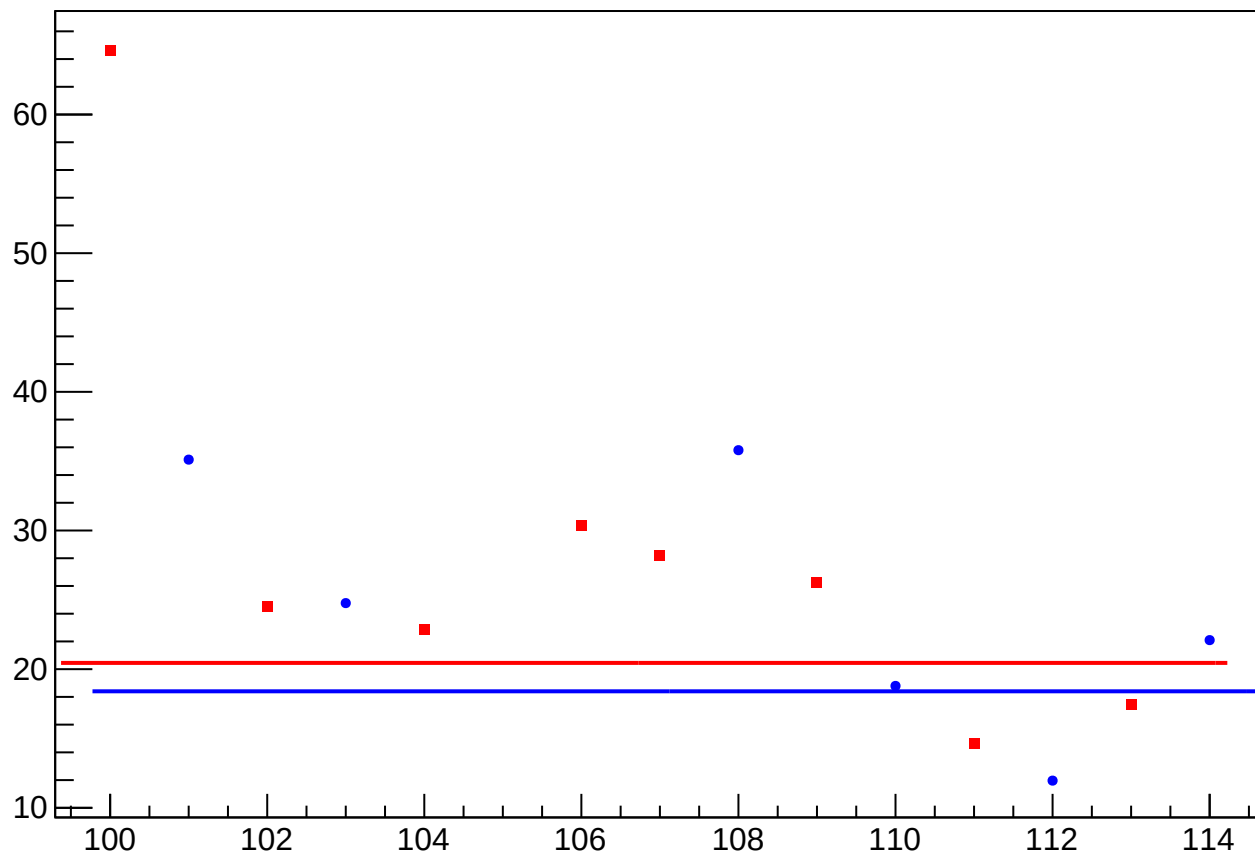
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.403+/-0.009 χ^2/NDF : 779947.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.451+/-0.009 χ^2/NDF : 394367.9/7

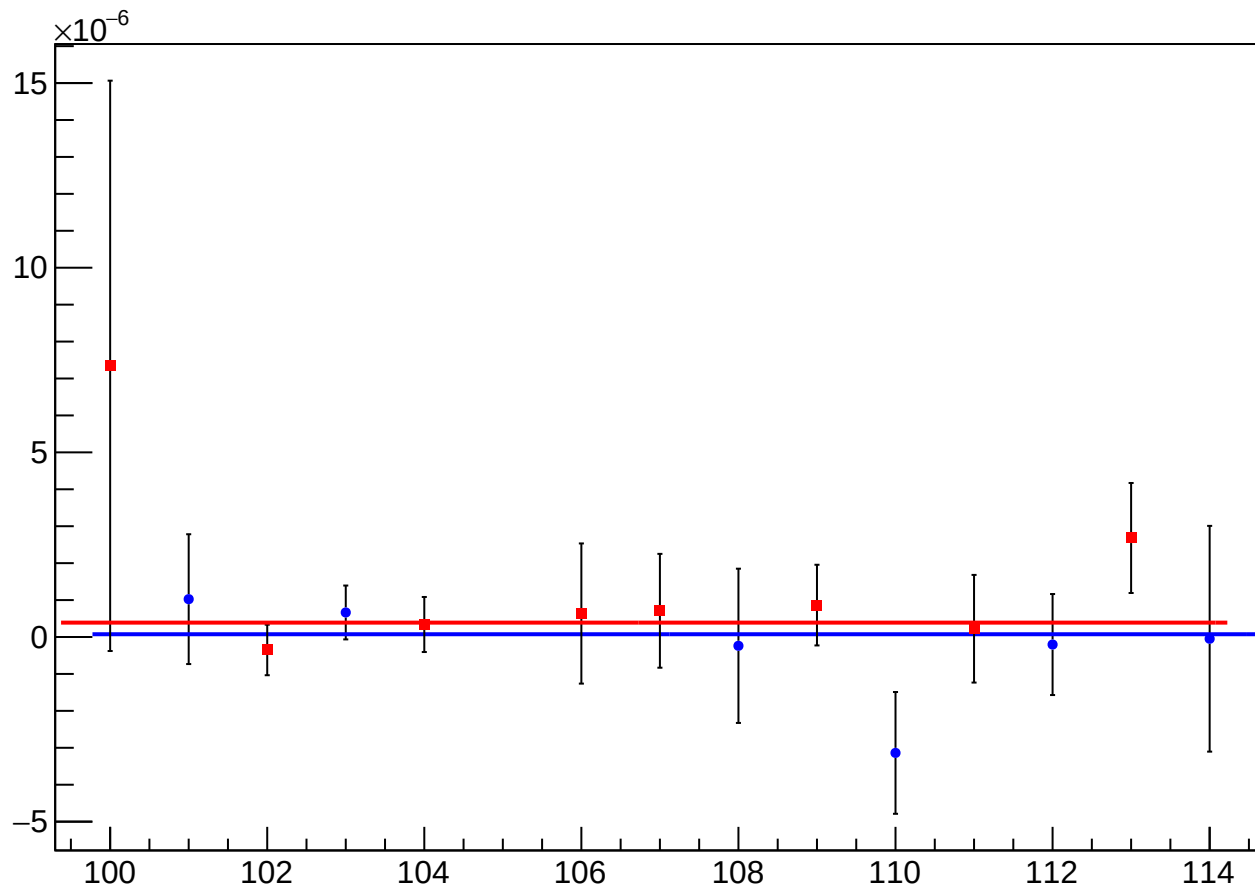
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200621.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/7

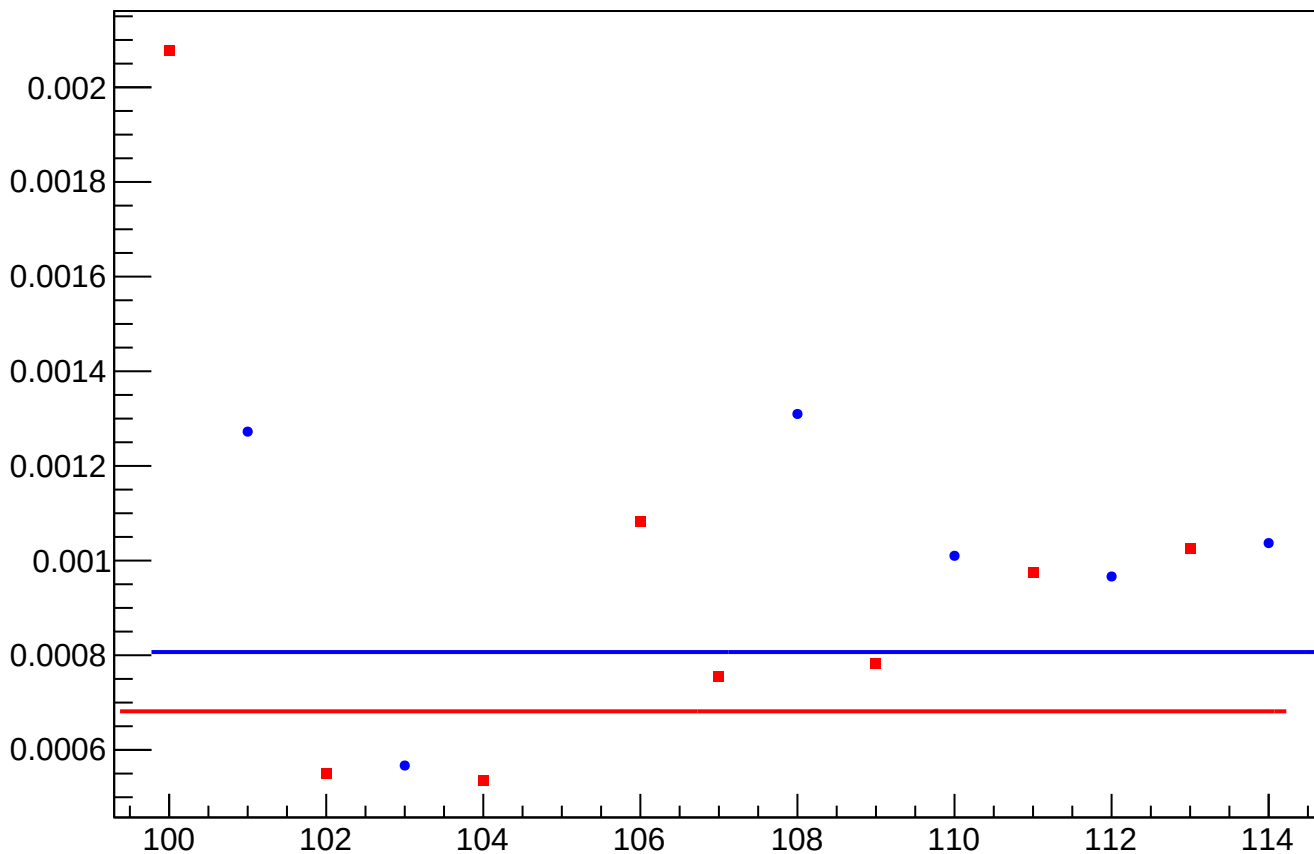
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 541679.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 513777.1/7

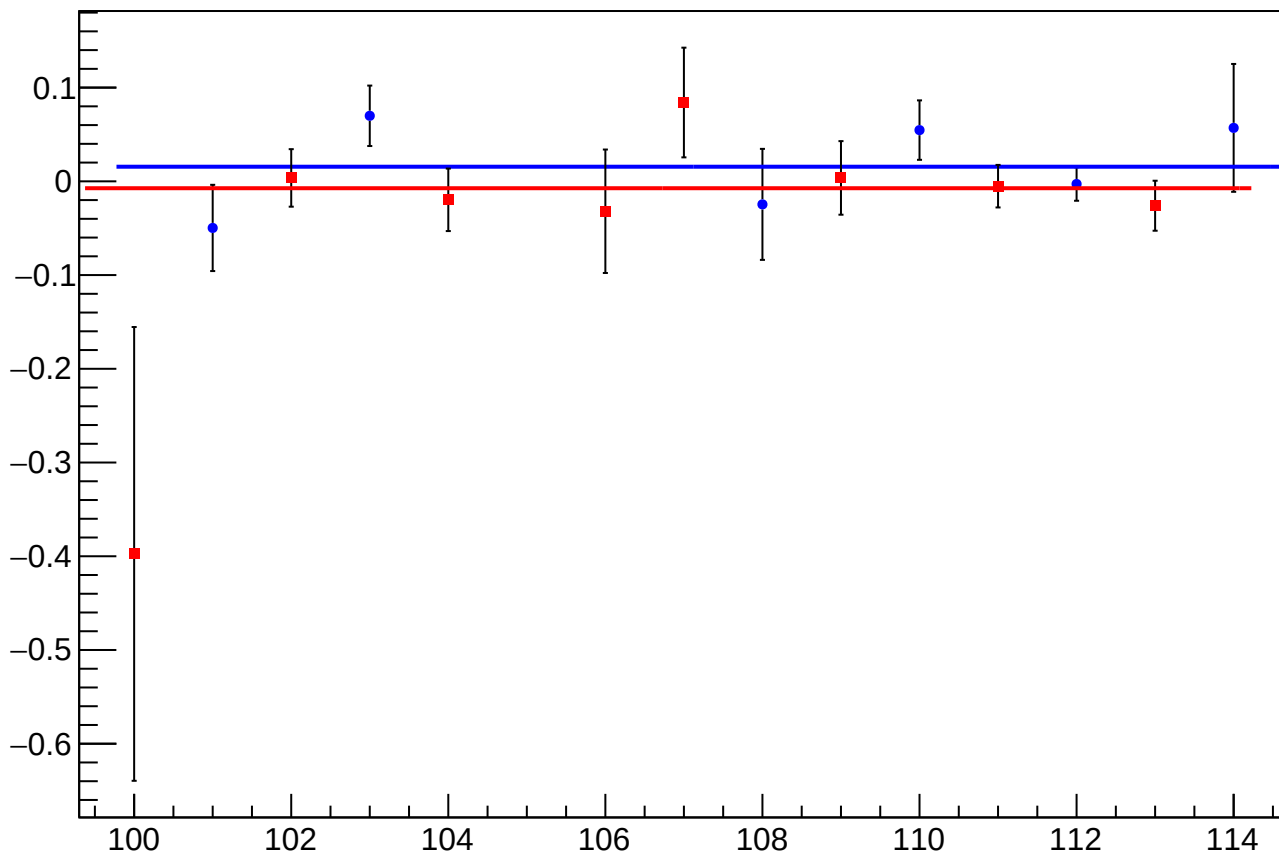
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1125704.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 ± 0.013 χ^2/NDF : 8.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.012 χ^2/NDF : 6.0/7

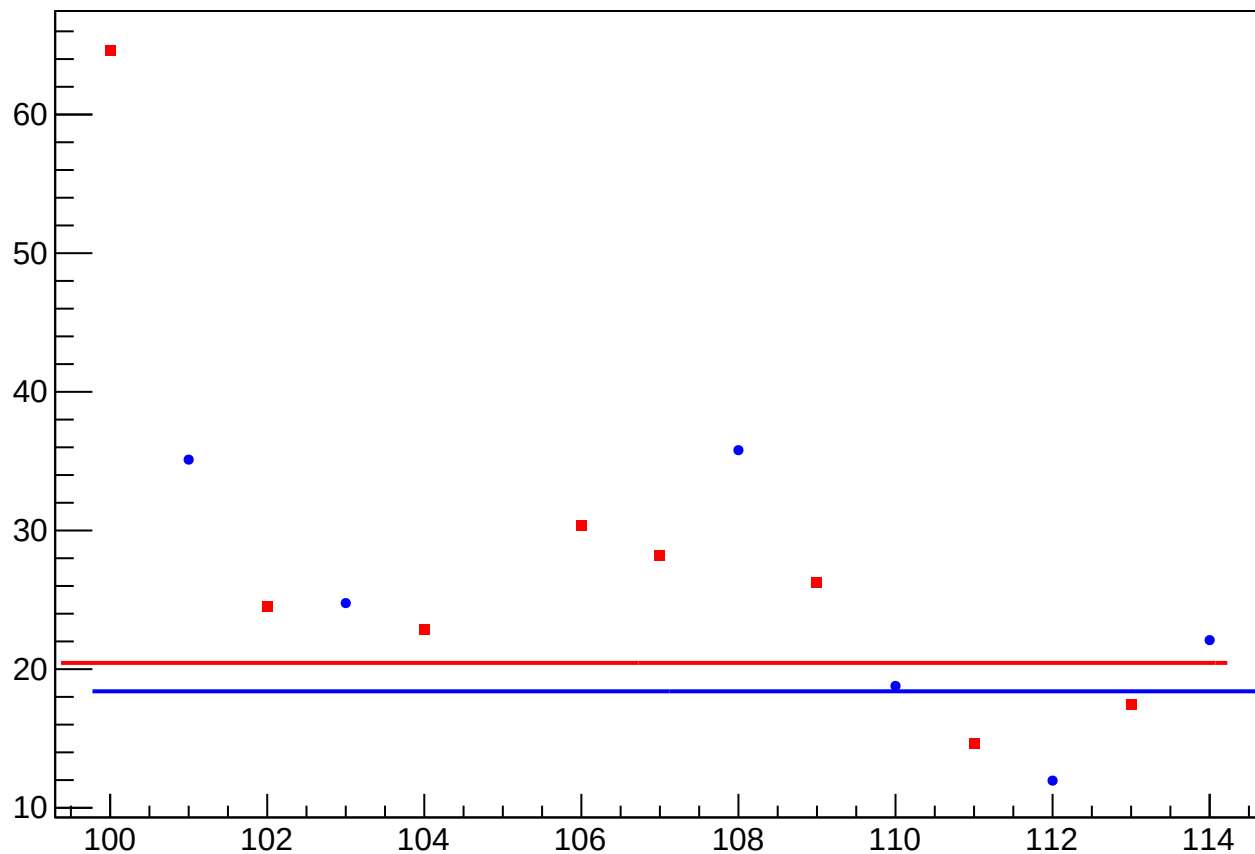
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.009 χ^2/NDF : 15.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 18.403+/-0.009 χ^2/NDF : 780017.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.451+/-0.009 χ^2/NDF : 394425.9/7

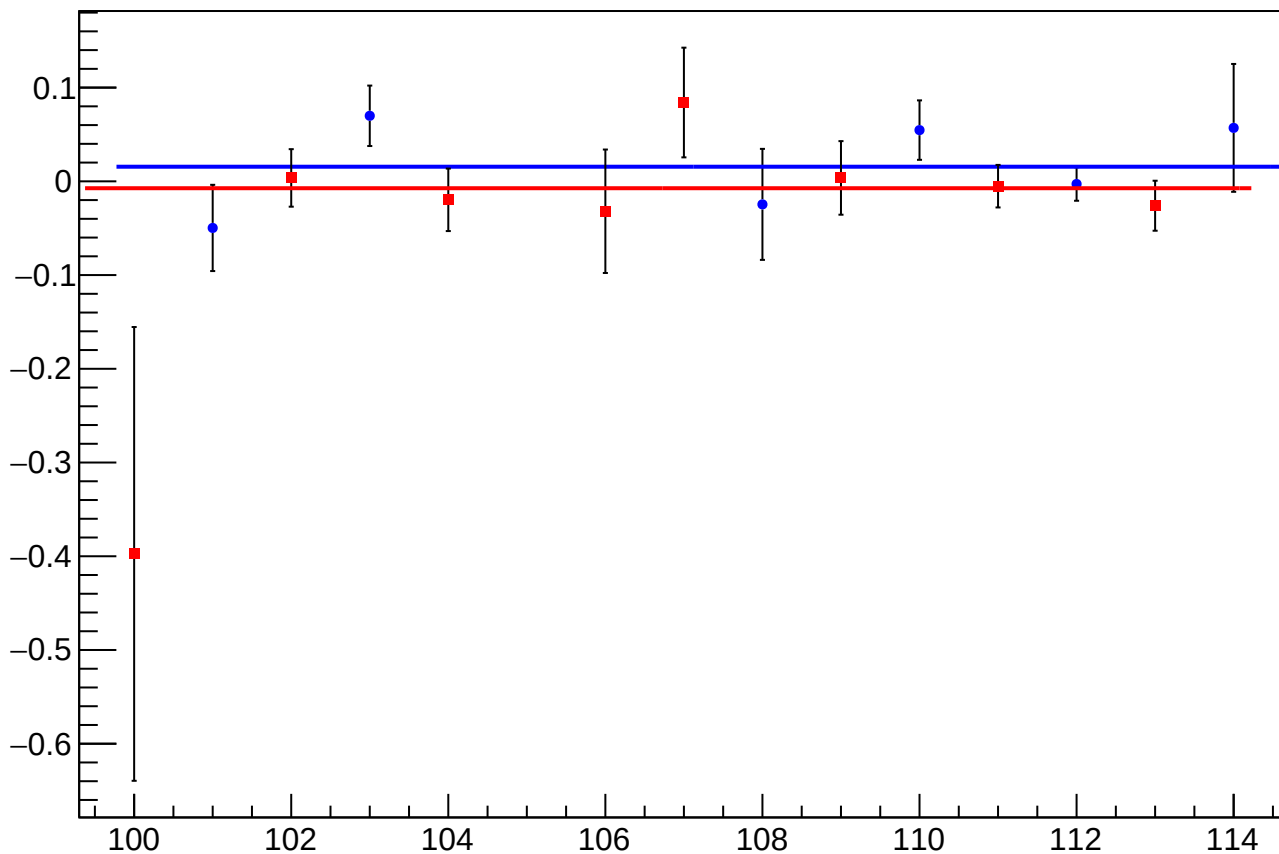
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200753.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 6.0/7

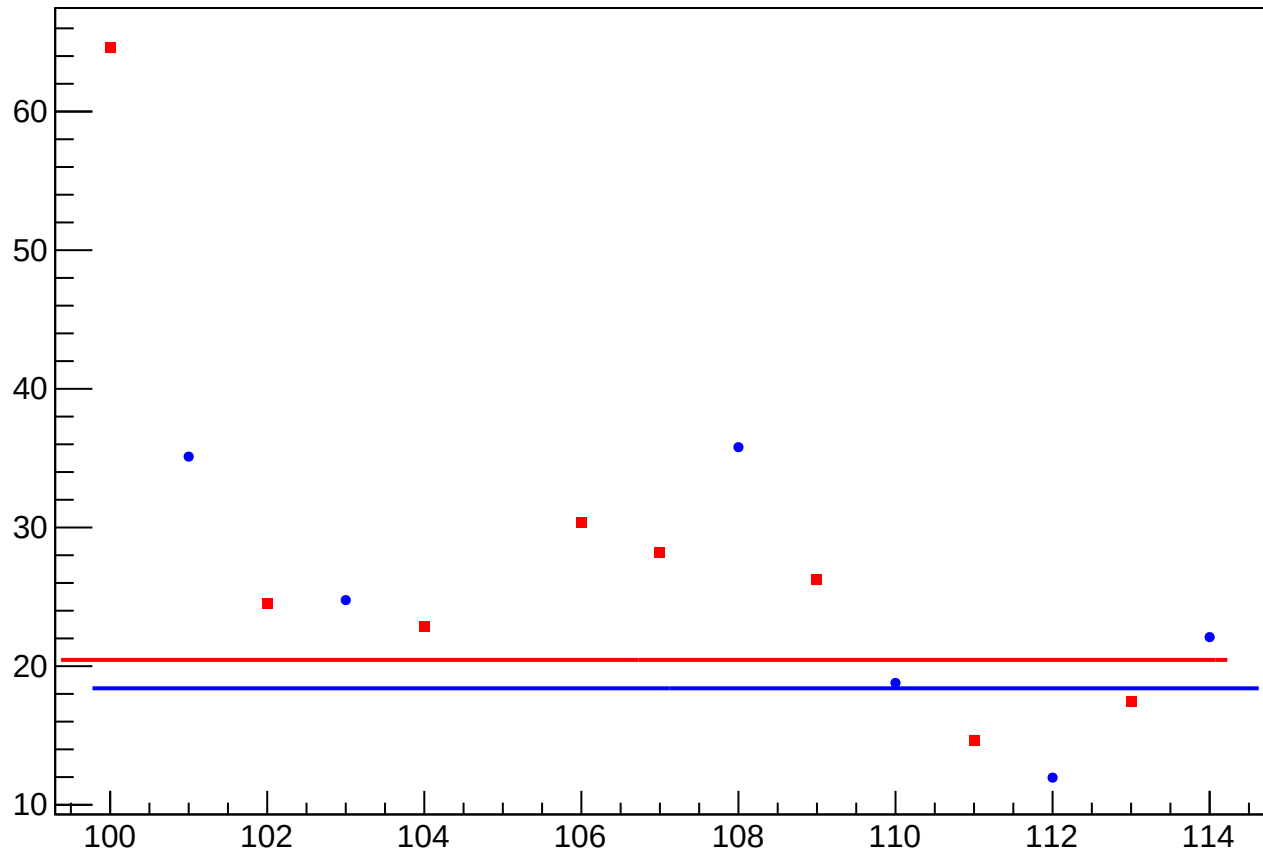
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.403+/-0.009 χ^2/NDF : 780017.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.451+/-0.009 χ^2/NDF : 394425.9/7

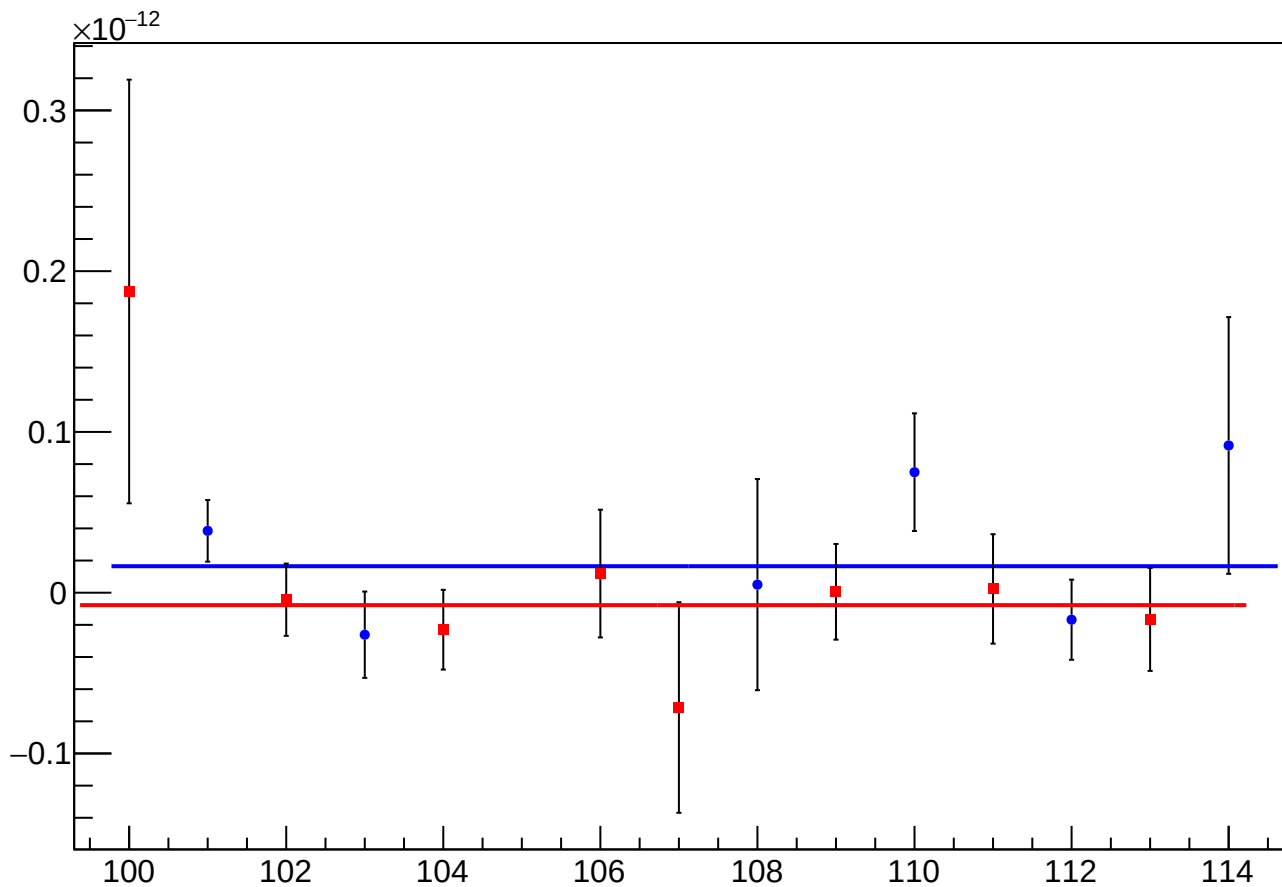
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200753.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/7

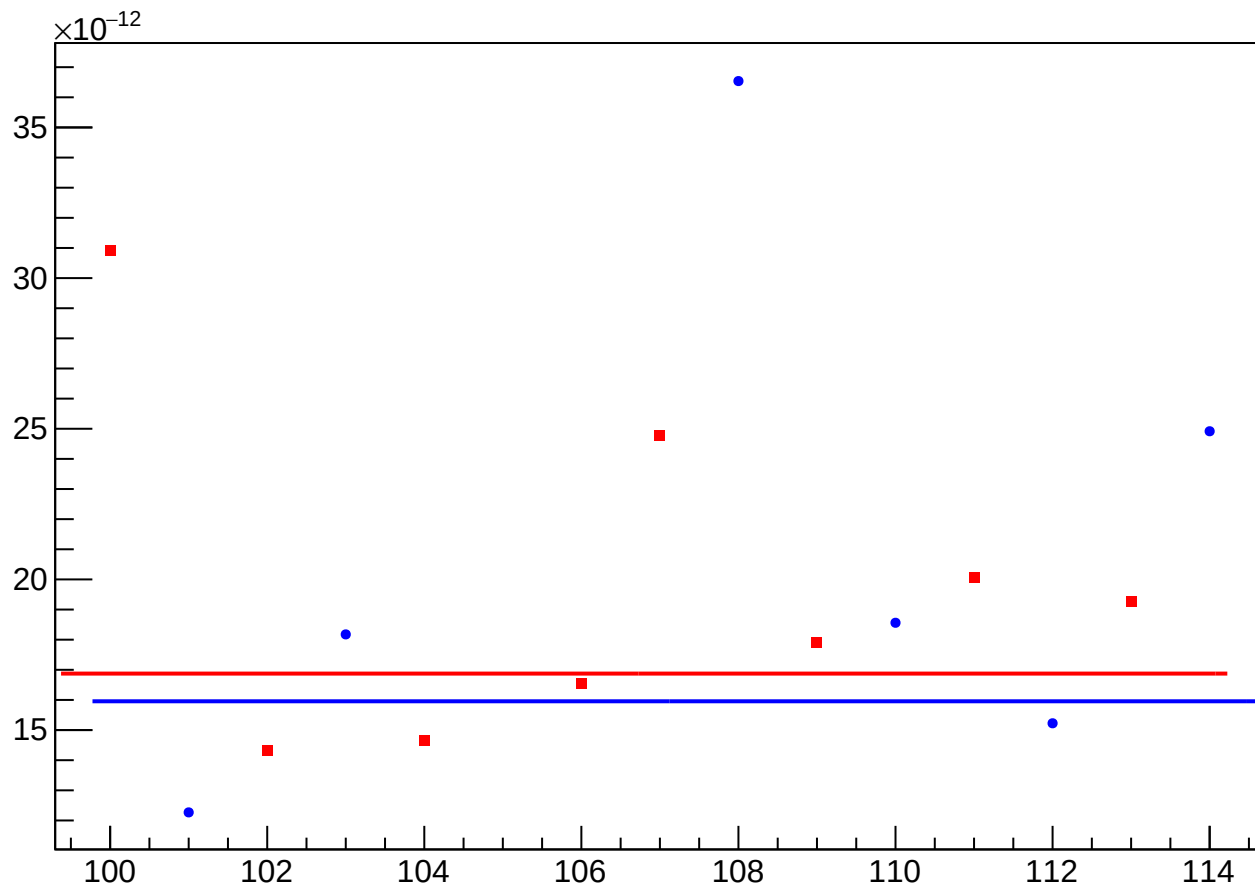
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 321191.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 125244.4/7

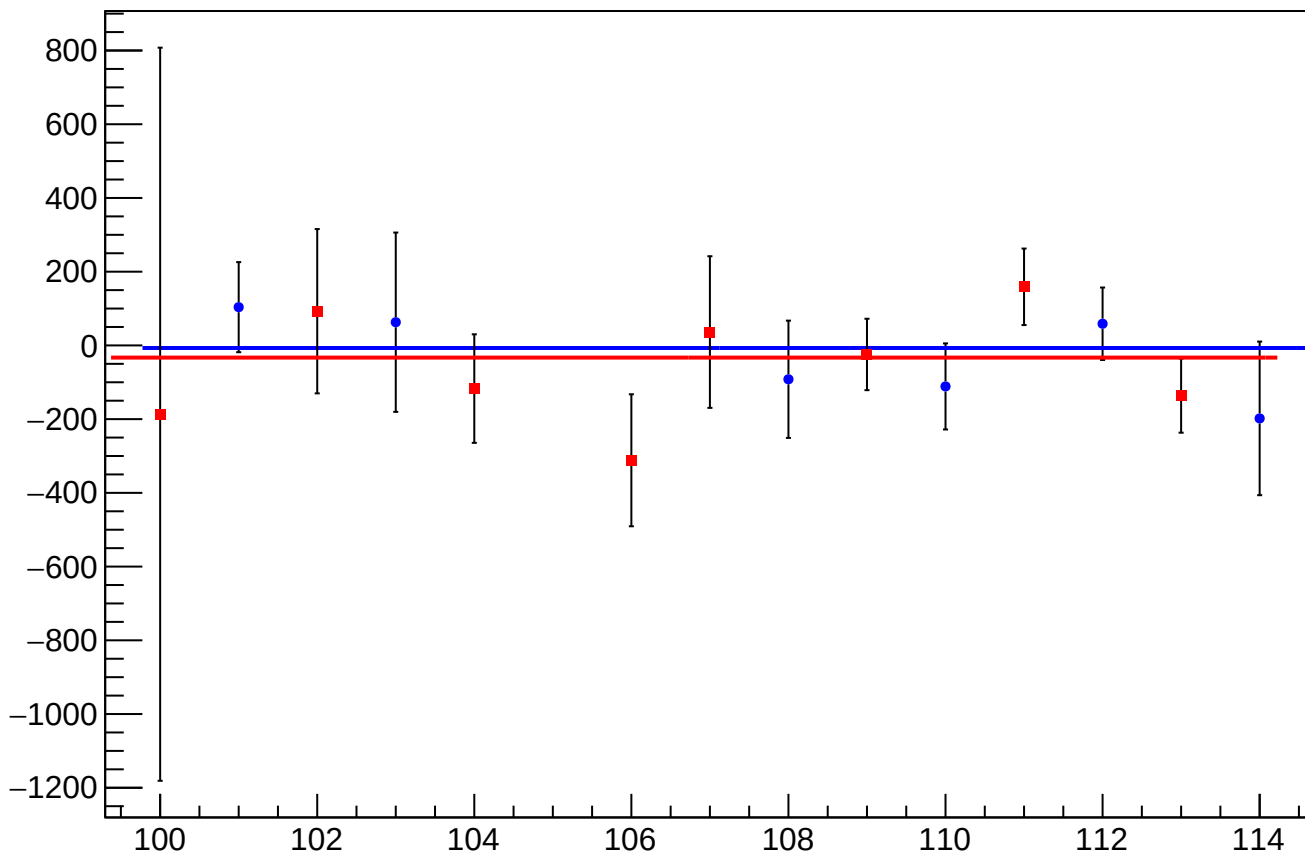
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 452484.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



Right In: -6.980+/-55.612 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.046+/-48.769 χ^2/NDF : 7.7/7

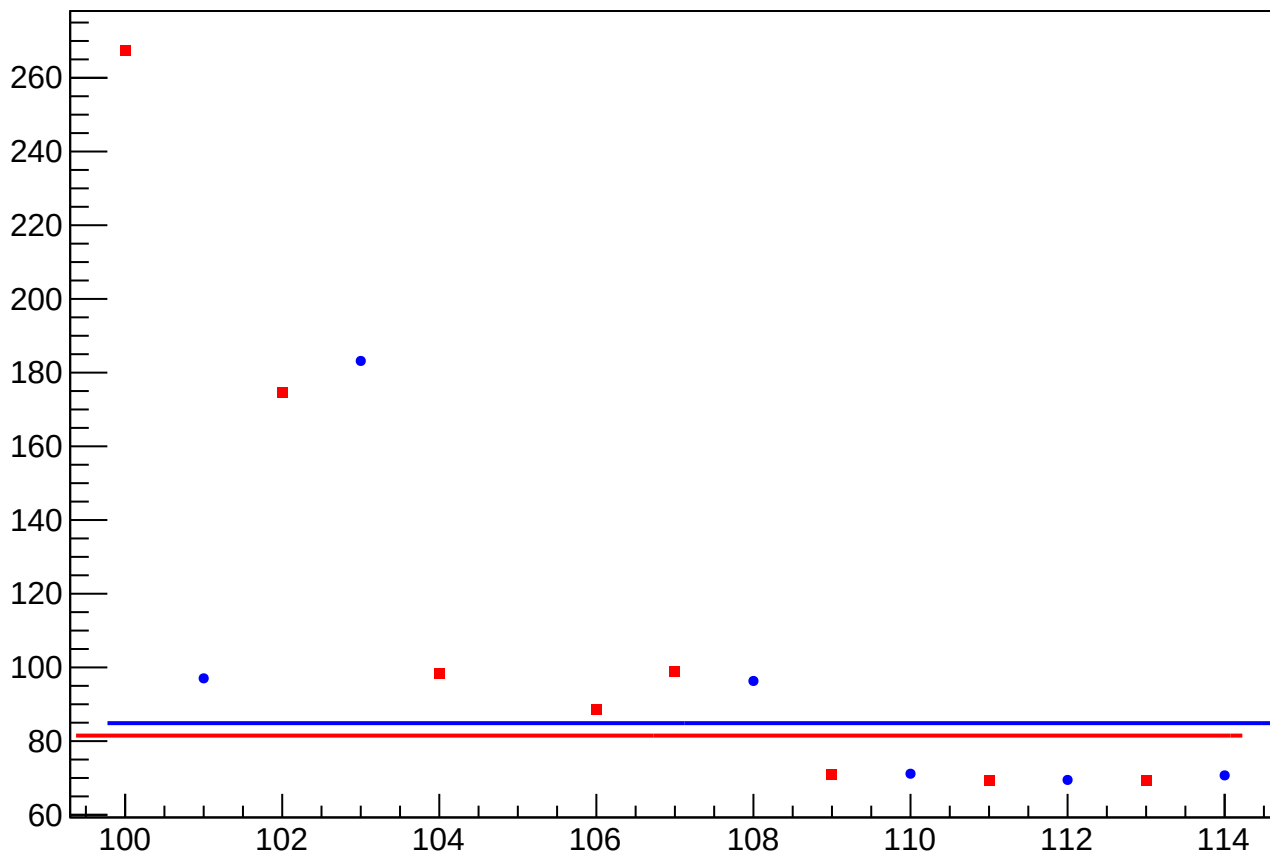
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.715+/-36.667 χ^2/NDF : 11.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 84.876+/-0.039 χ^2/NDF : 442866.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.498+/-0.034 χ^2/NDF : 543783.4/7

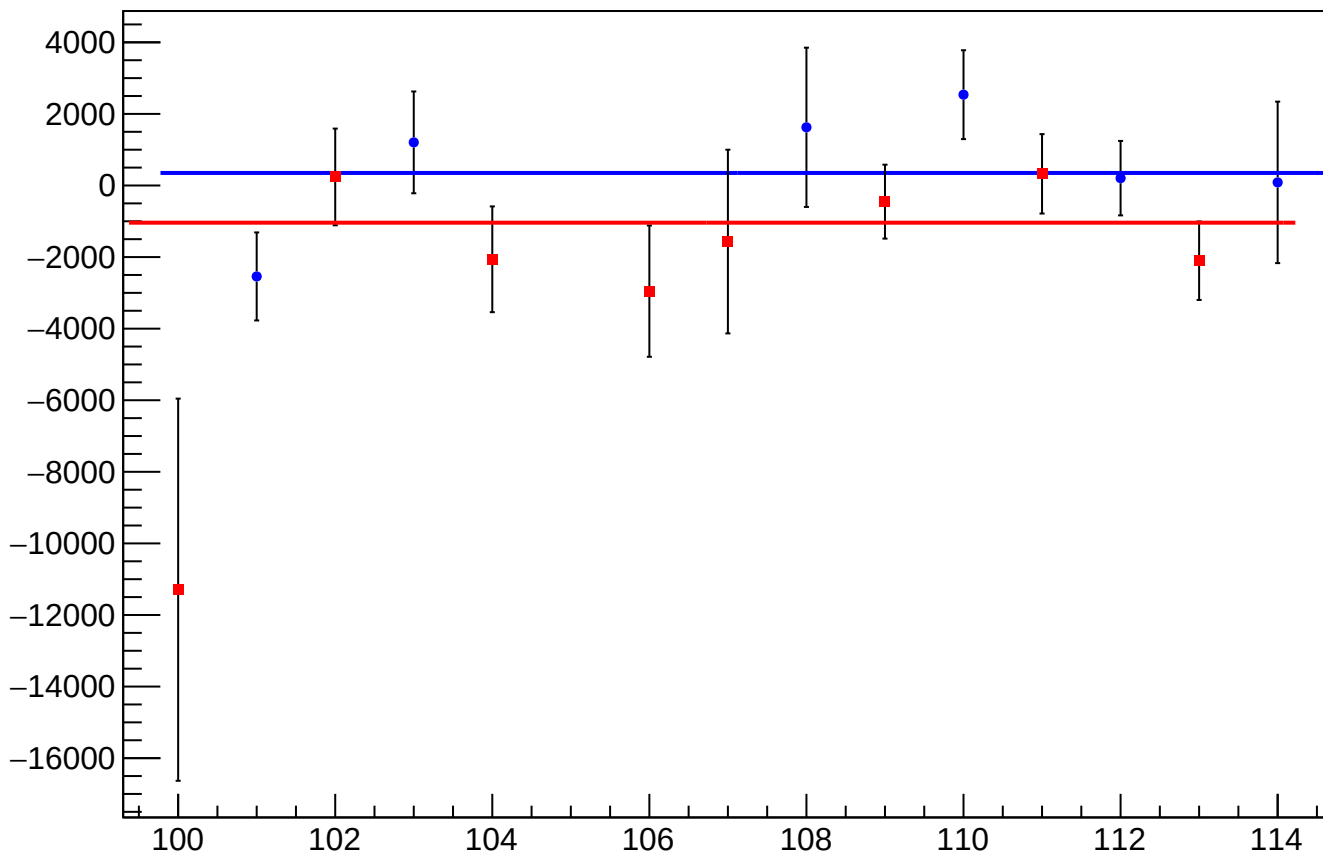
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.966+/-0.026 χ^2/NDF : 990819.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 350.474+/-565.488 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1039.164+/-495.583 χ^2/NDF : 9.0/7

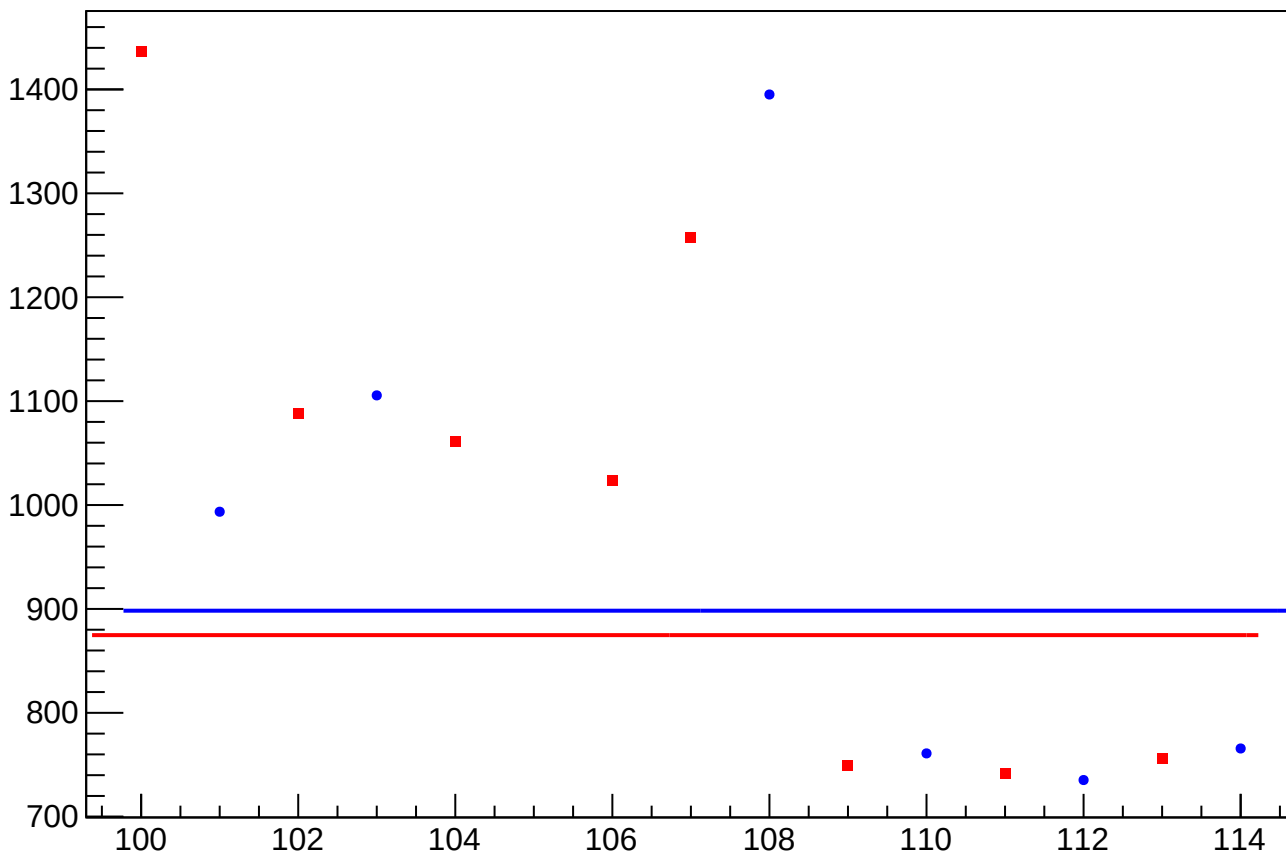
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.501+/-372.709 χ^2/NDF : 21.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 898.301 $\pm$ 0.400 χ^2 /NDF: 234653.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 874.792 $\pm$ 0.350 χ^2 /NDF: 243280.9/7

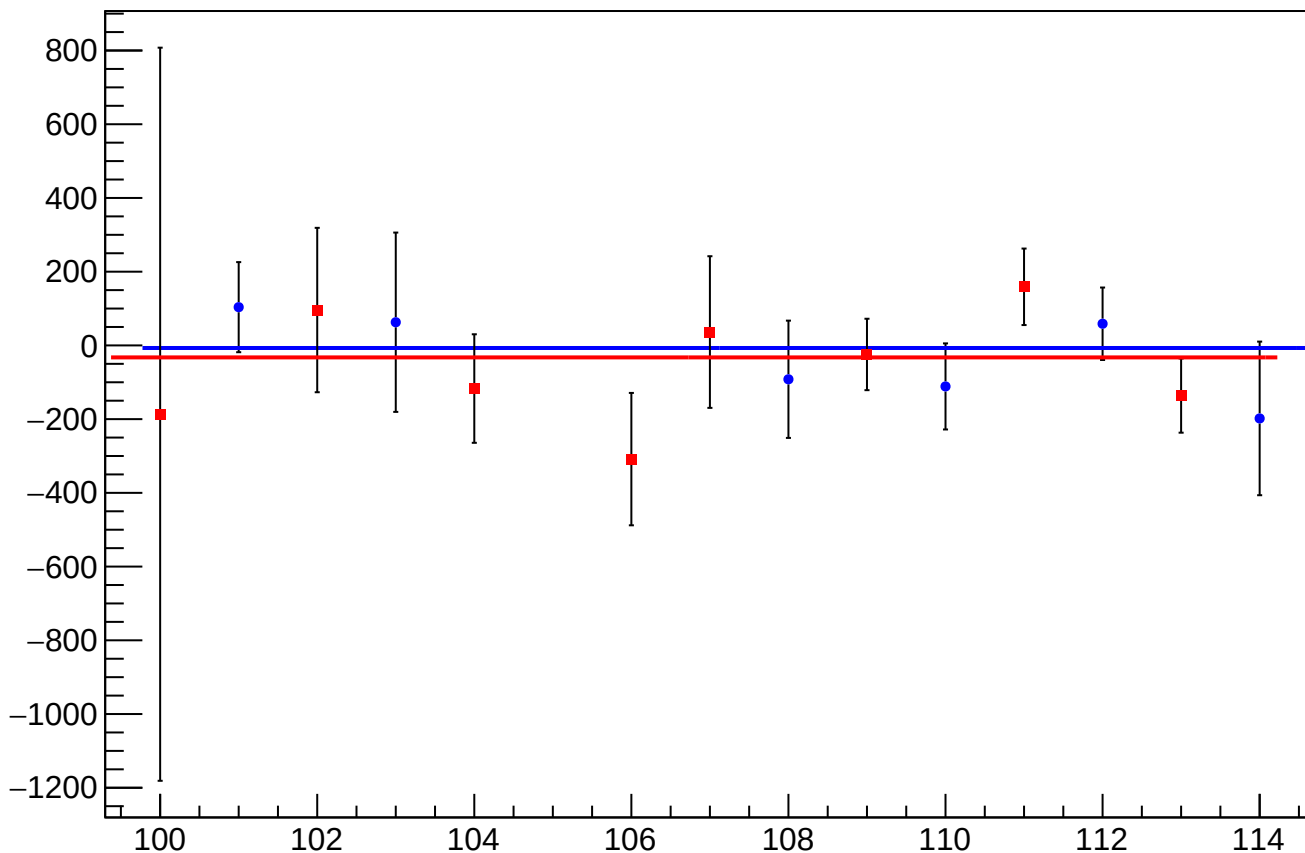
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 885.004 $\pm$ 0.264 χ^2 /NDF: 479889.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



Right In: -7.005+/-55.612 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.538+/-48.781 χ^2/NDF : 7.6/7

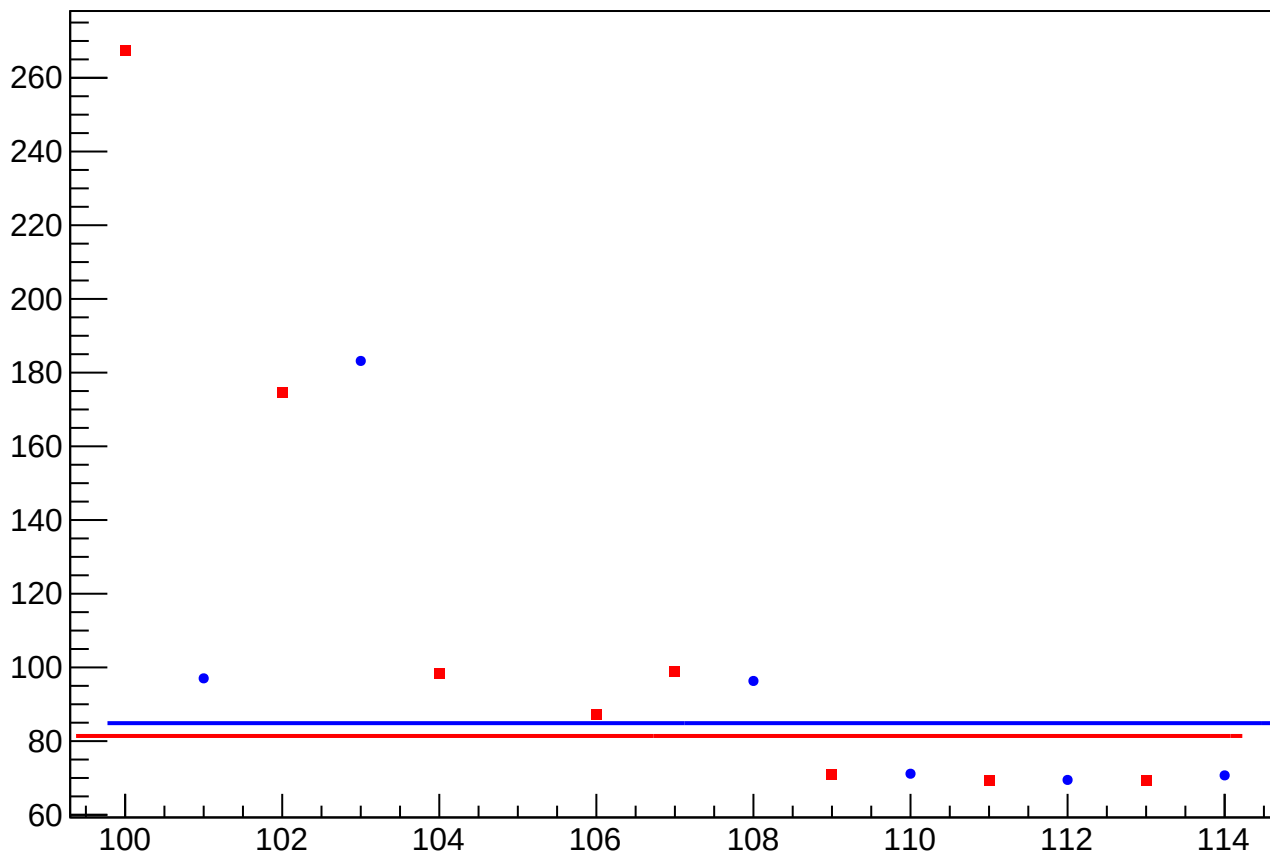
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.435+/-36.672 χ^2/NDF : 11.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 84.876+/-0.039 χ^2/NDF : 442869.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.398+/-0.034 χ^2/NDF : 542942.2/7

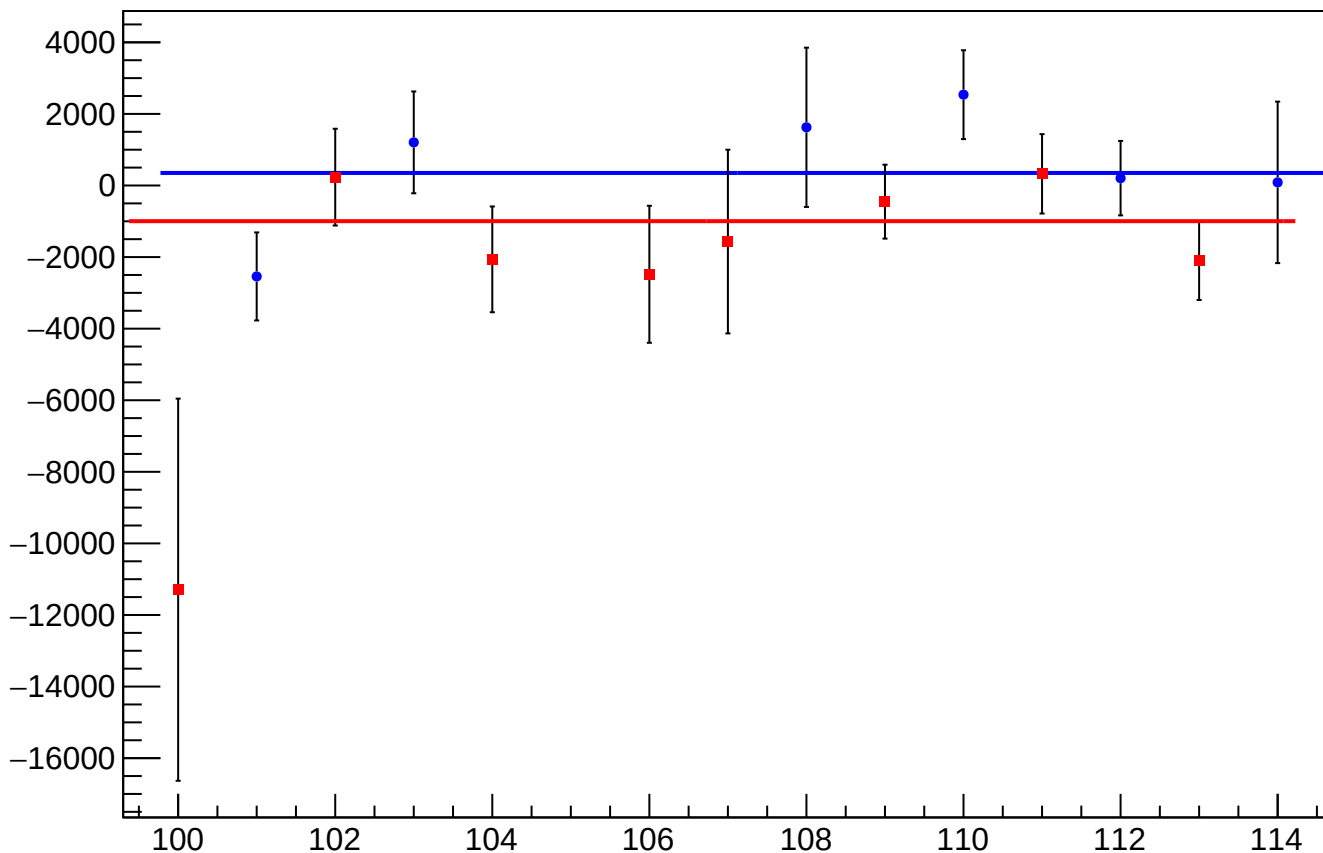
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.910+/-0.026 χ^2/NDF : 990231.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: 350.449+/-565.497 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -997.043+/-497.113 χ^2/NDF : 8.4/7

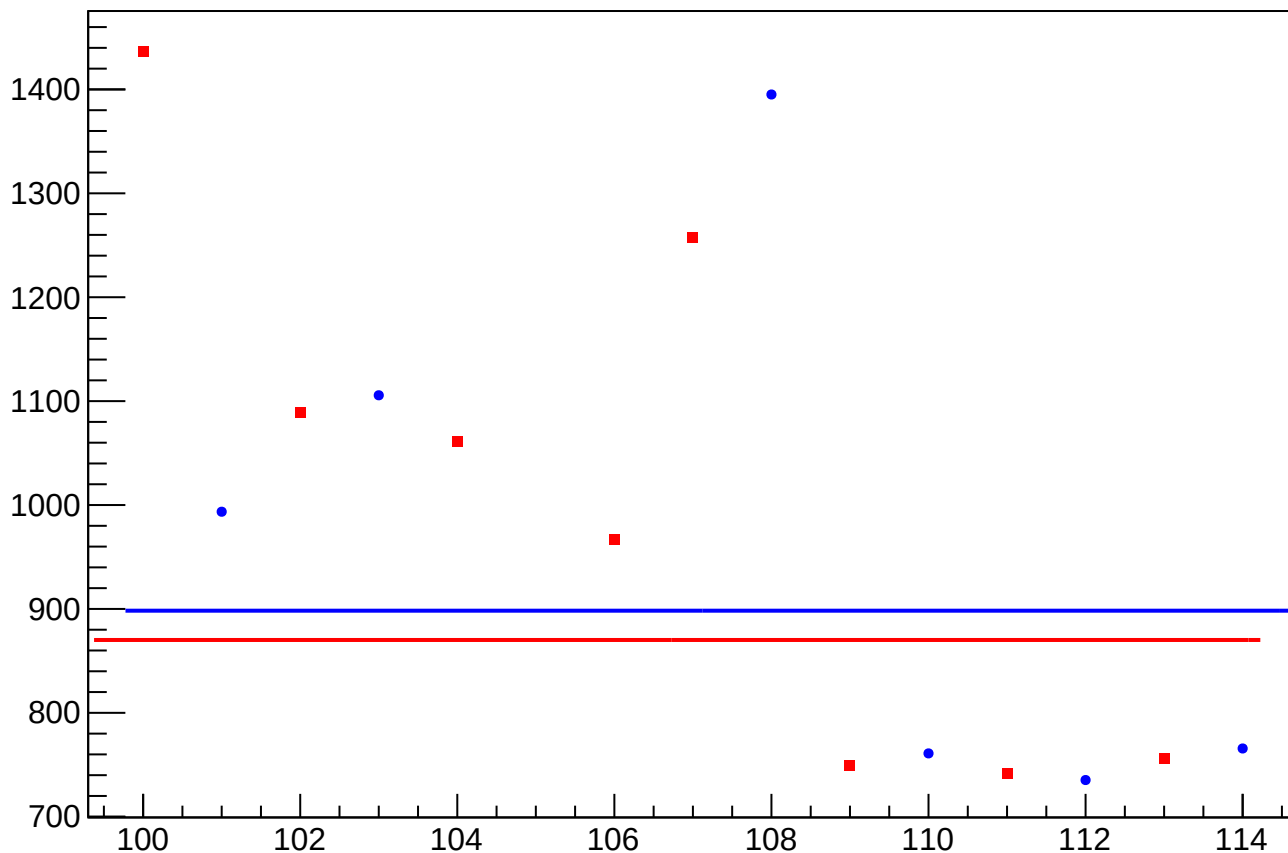
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.656+/-373.361 χ^2/NDF : 21.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 898.311+/-0.400 χ^2/NDF : 234690.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.124+/-0.352 χ^2/NDF : 234823.2/7

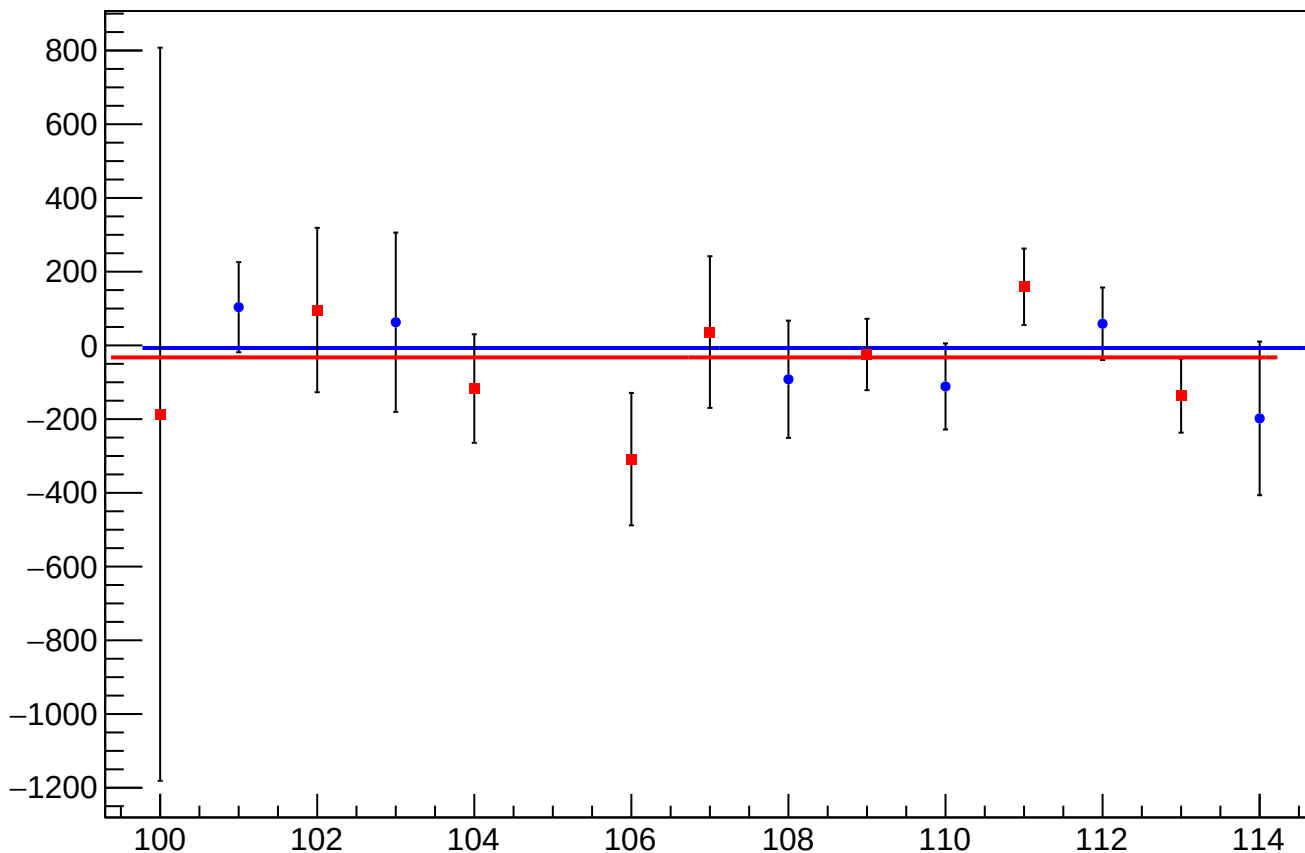
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.411+/-0.264 χ^2/NDF : 472316.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: -7.005 $\pm$ 55.612 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.538 $\pm$ 48.781 χ^2 /NDF: 7.6/7

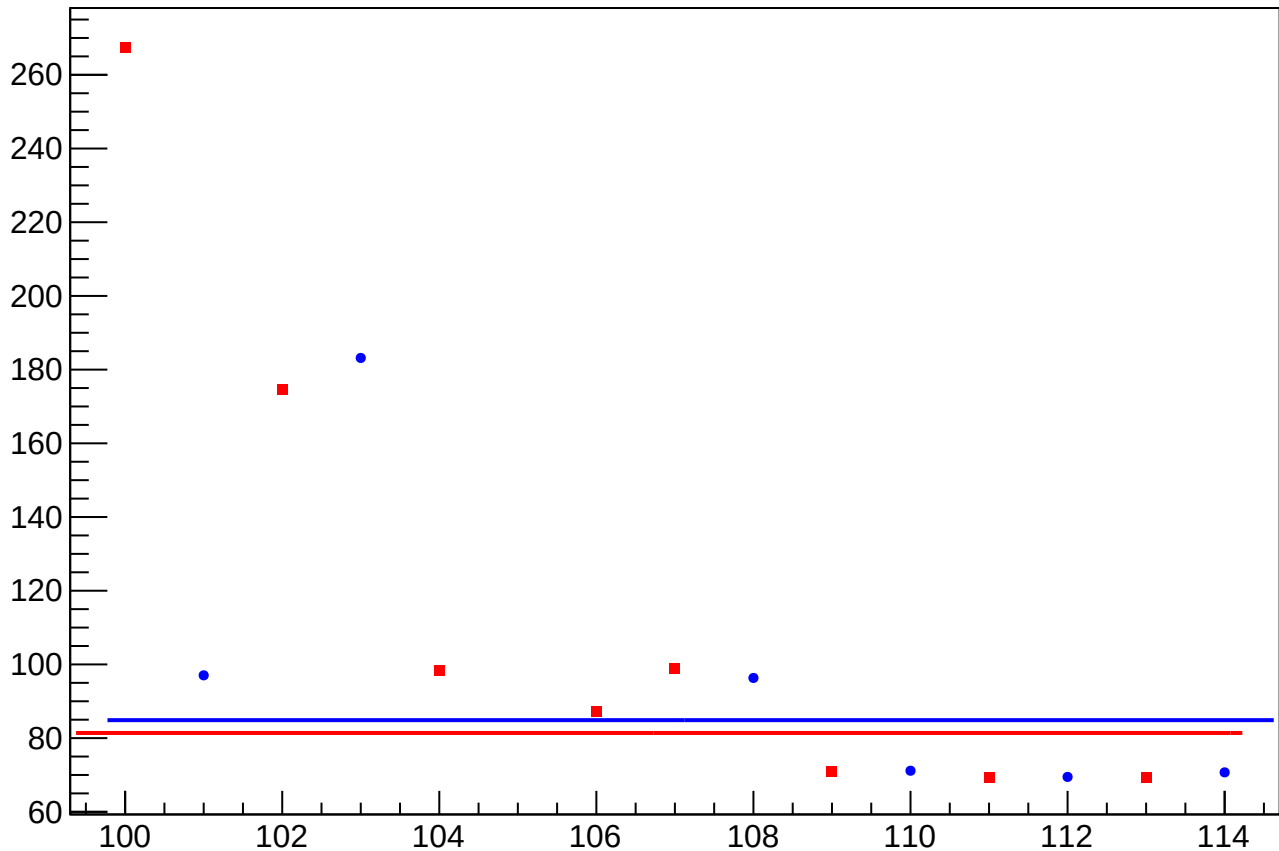
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.435 $\pm$ 36.672 χ^2 /NDF: 11.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 84.876+/-0.039 χ^2/NDF : 442869.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.398+/-0.034 χ^2/NDF : 542942.2/7

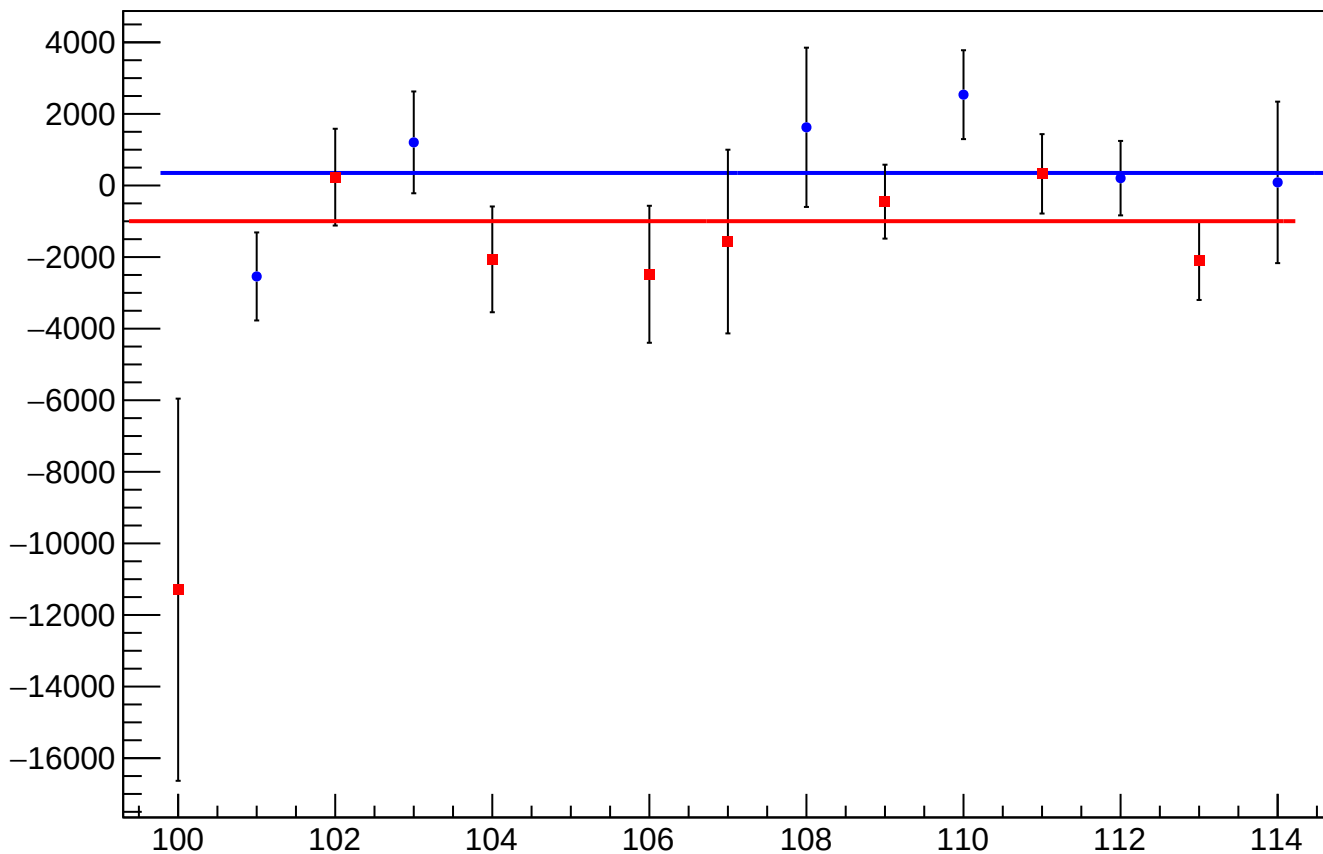
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.910+/-0.026 χ^2/NDF : 990231.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



Right In: 350.449+/-565.497 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -997.043+/-497.113 χ^2/NDF : 8.4/7

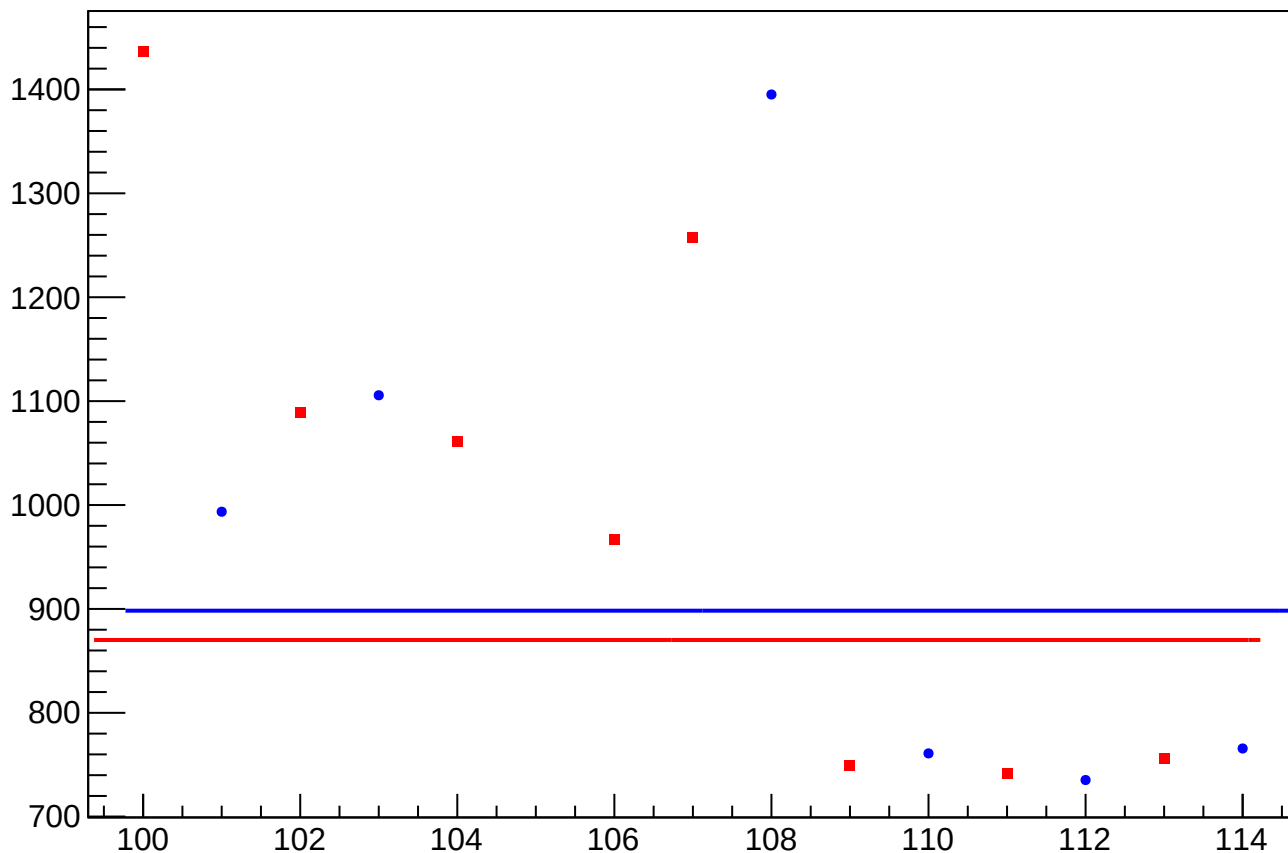
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.656+/-373.361 χ^2/NDF : 21.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



Right In: 898.311+/-0.400 χ^2/NDF : 234690.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.124+/-0.352 χ^2/NDF : 234823.2/7

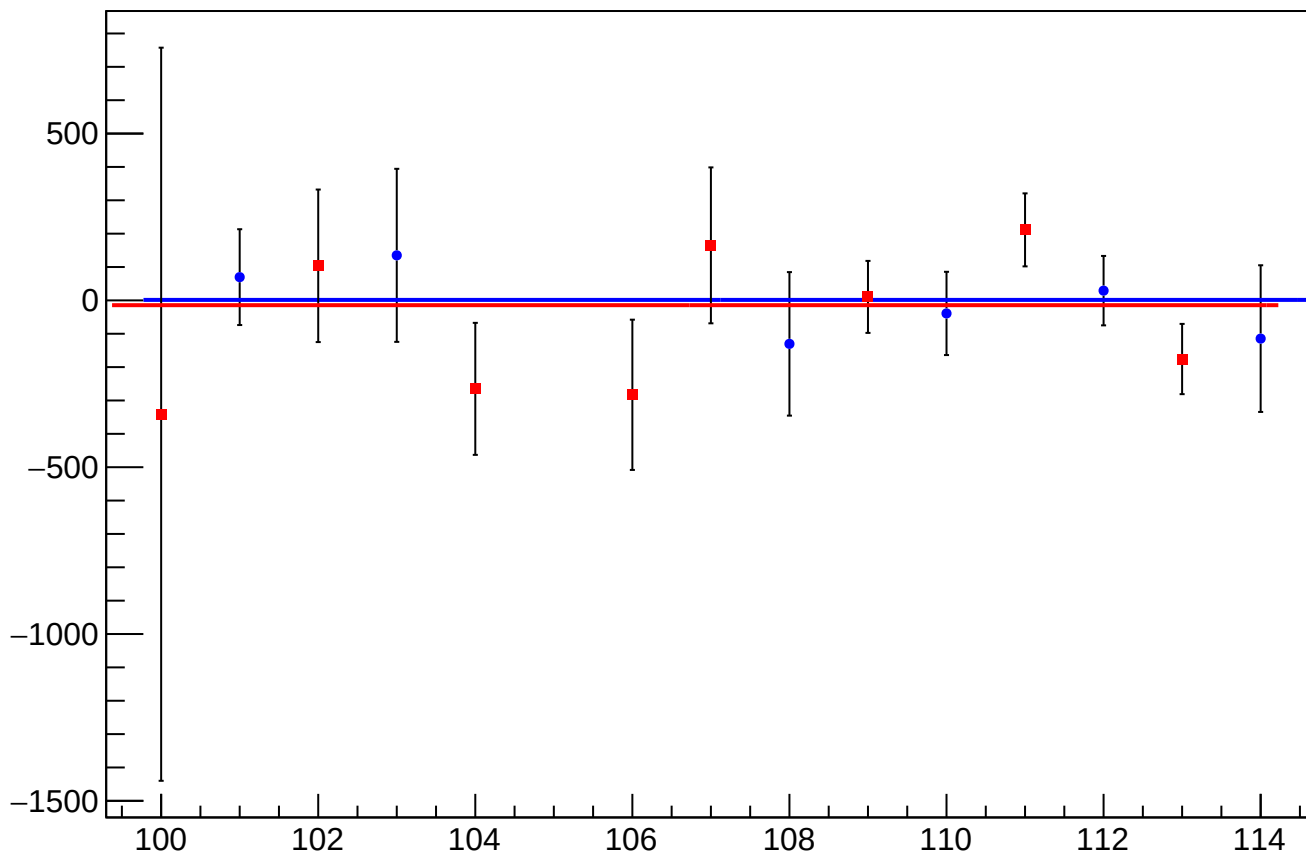
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.411+/-0.264 χ^2/NDF : 472316.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: 1.465 $\pm$ 61.749 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.361 $\pm$ 53.979 χ^2 /NDF: 10.6/7

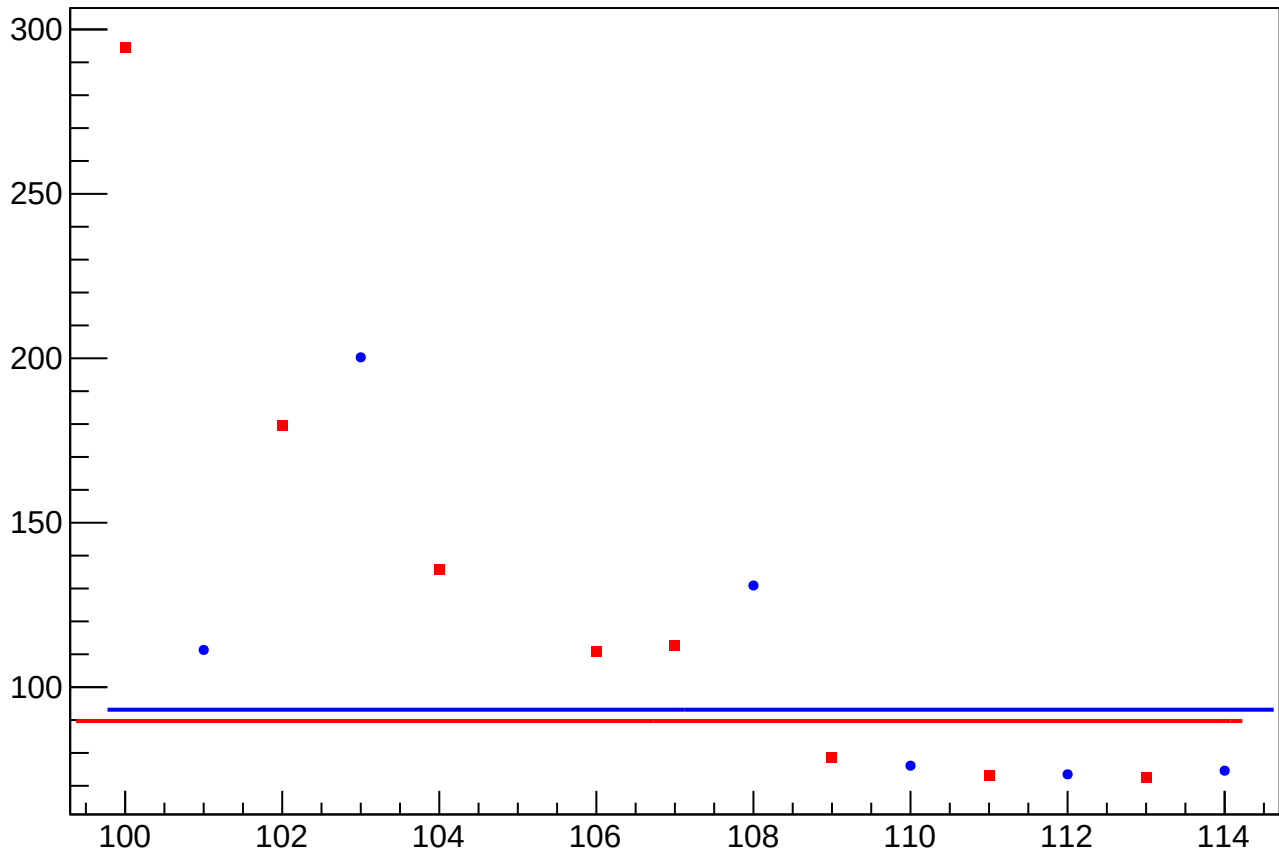
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.506 $\pm$ 40.640 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 93.145 $\pm$ 0.044 χ^2 /NDF: 557900.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.703 $\pm$ 0.038 χ^2 /NDF: 645530.4/7

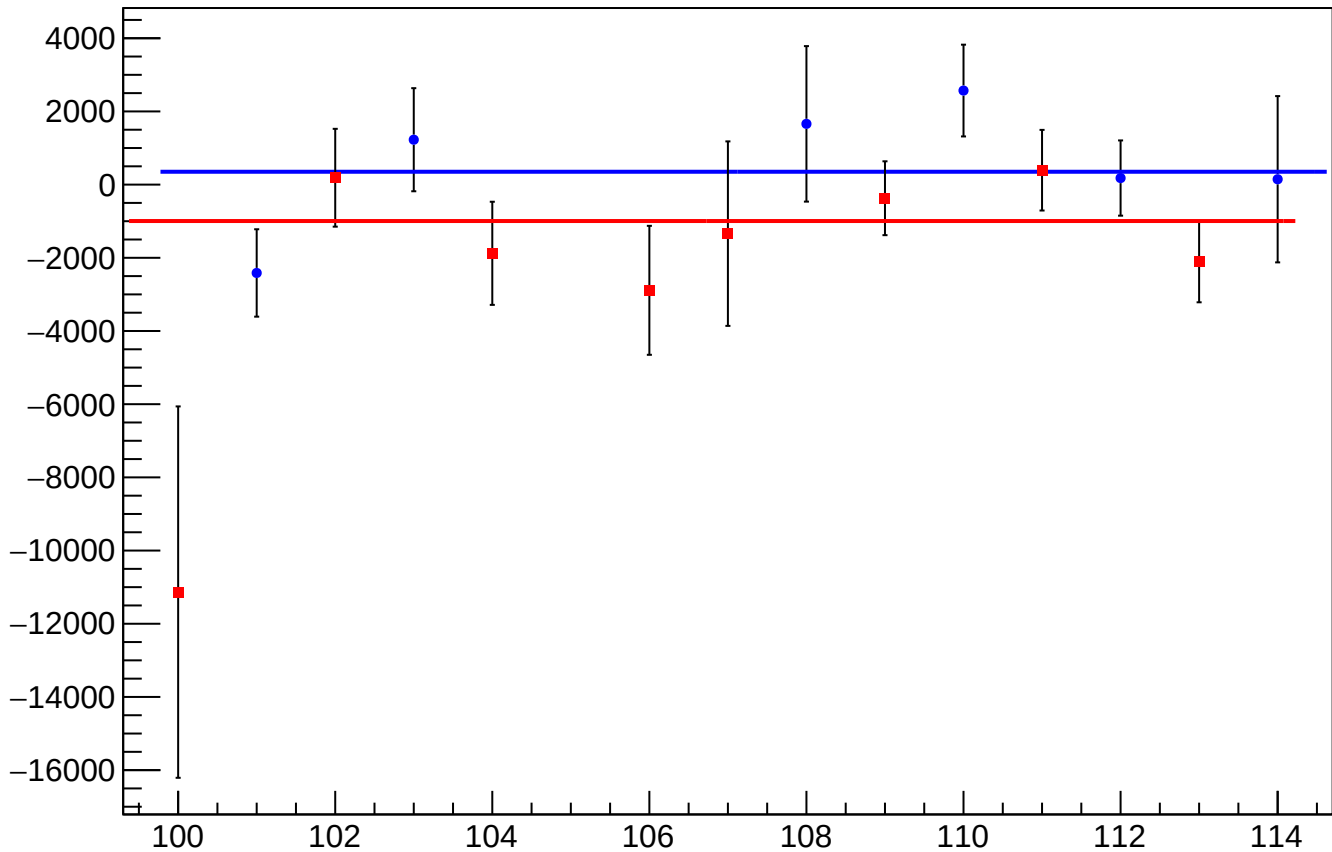
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.194 $\pm$ 0.029 χ^2 /NDF: 1206952.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: 351.563 $\pm$ 558.783 χ^2 /NDF: 9.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -995.042 $\pm$ 487.503 χ^2 /NDF: 9.3/7

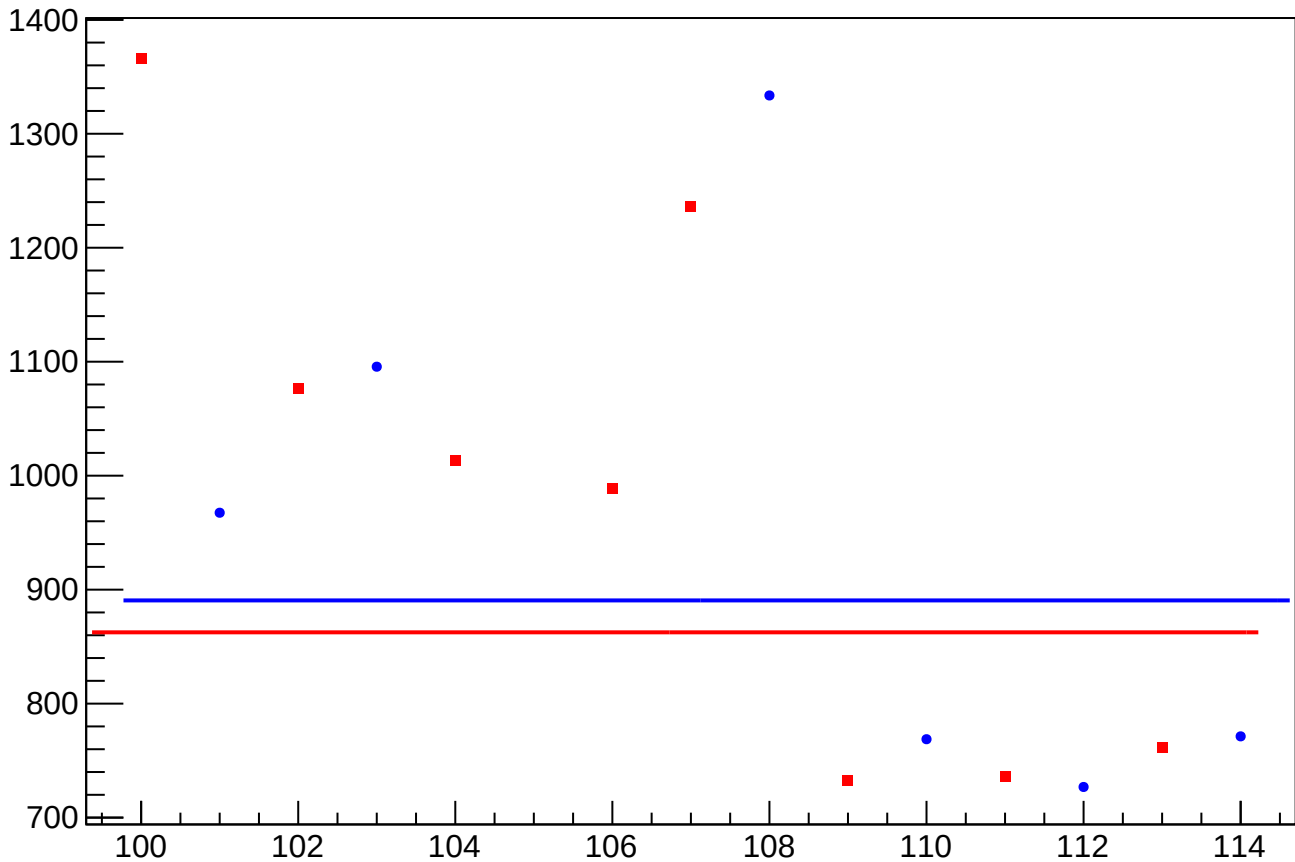
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -413.056 $\pm$ 367.349 χ^2 /NDF: 21.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 890.556+/-0.395 χ^2/NDF : 212716.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.556+/-0.345 χ^2/NDF : 224190.6/7

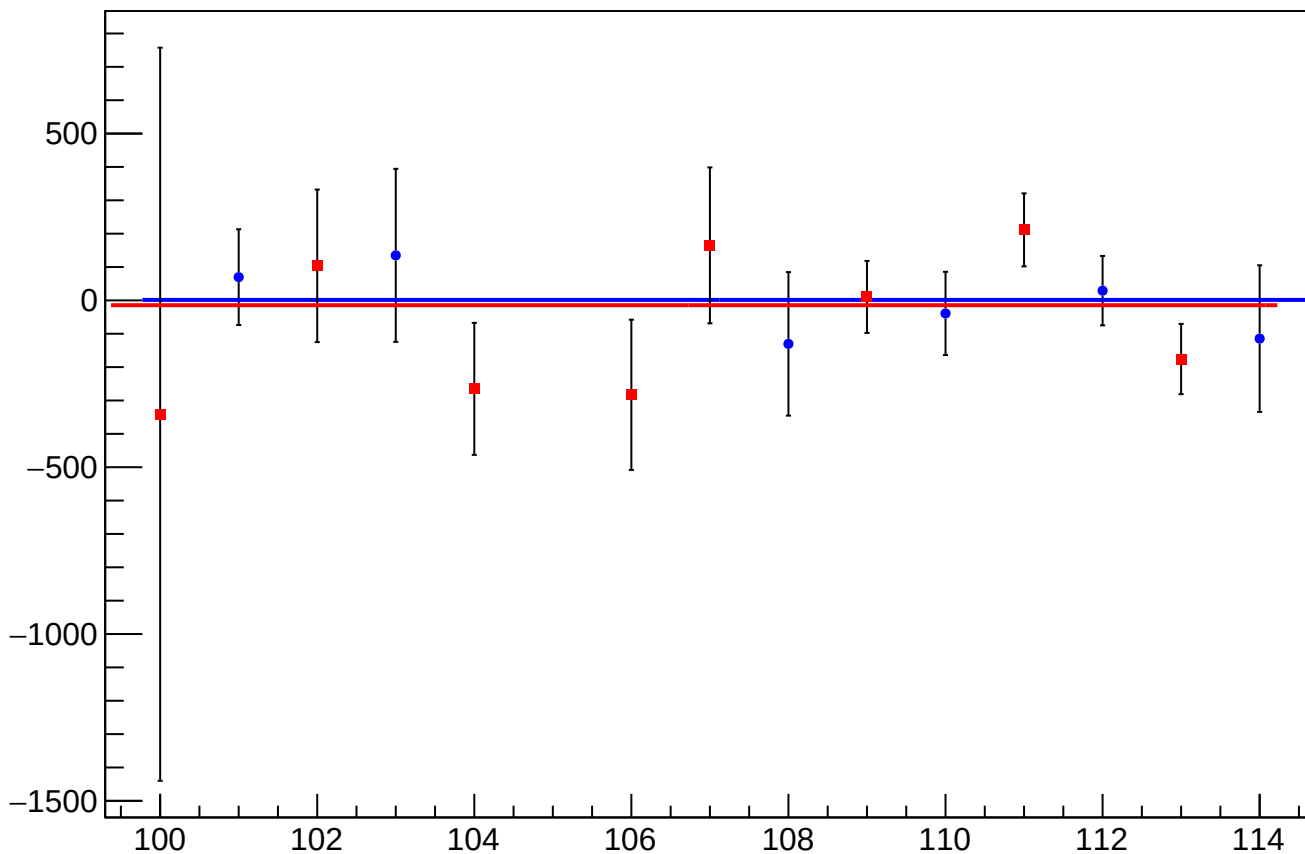
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.658+/-0.260 χ^2/NDF : 439758.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: 1.464 $\pm$ 61.749 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.359 $\pm$ 53.980 χ^2 /NDF: 10.6/7

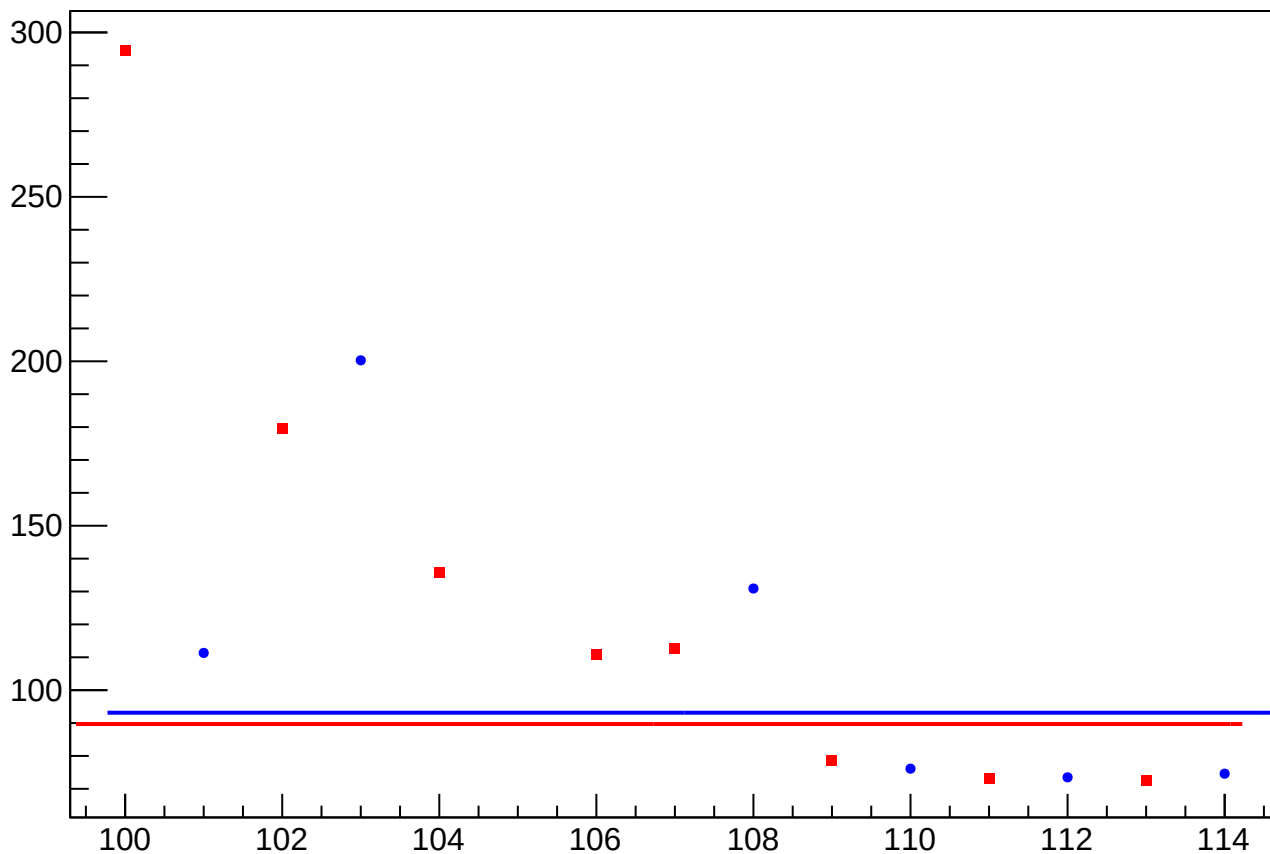
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.505 $\pm$ 40.640 χ^2 /NDF: 12.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 93.145 $\pm$ 0.044 χ^2 /NDF: 557903.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.703 $\pm$ 0.038 χ^2 /NDF: 645532.6/7

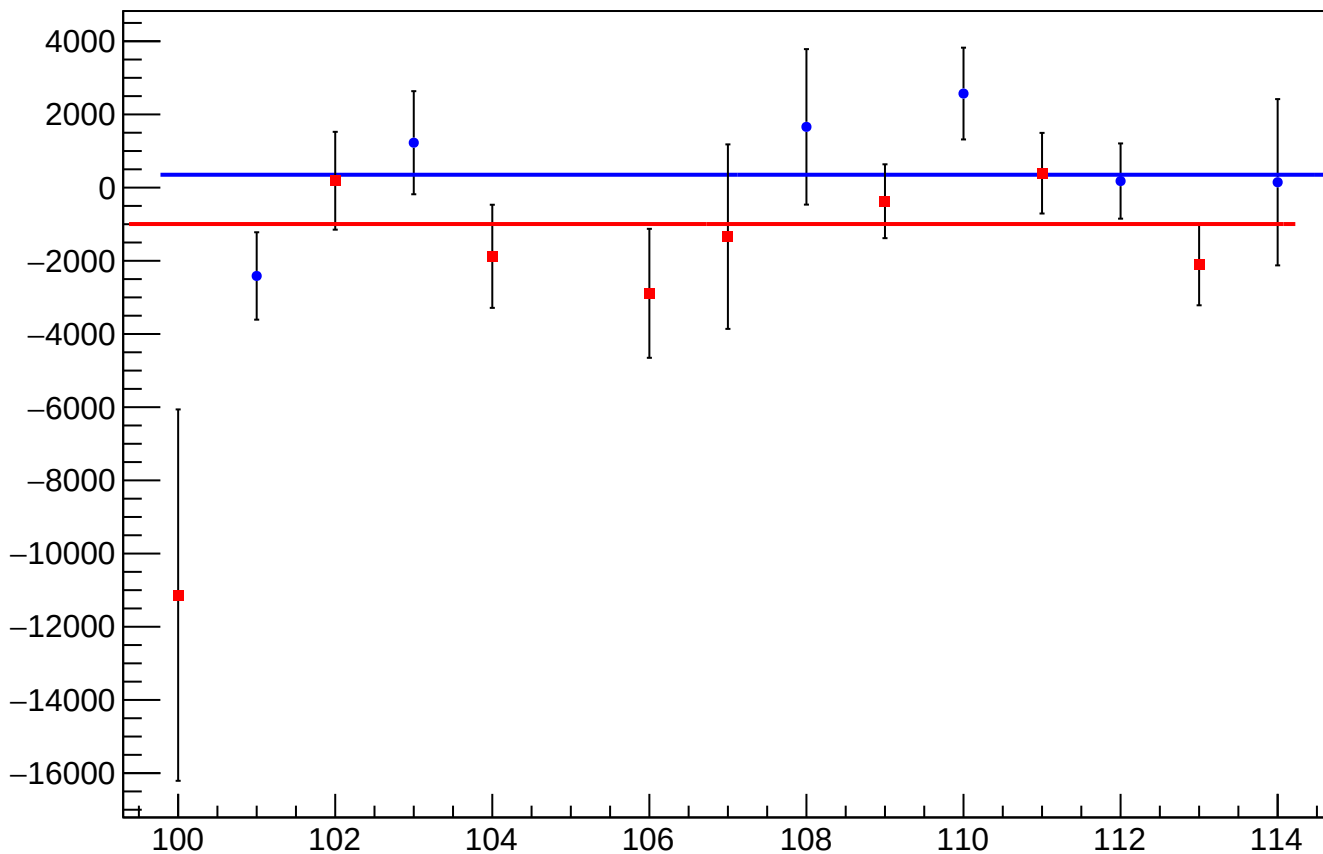
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.194 $\pm$ 0.029 χ^2 /NDF: 1206958.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: 351.561 $\pm$ 558.782 χ^2 /NDF: 9.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -995.040 $\pm$ 487.502 χ^2 /NDF: 9.3/7

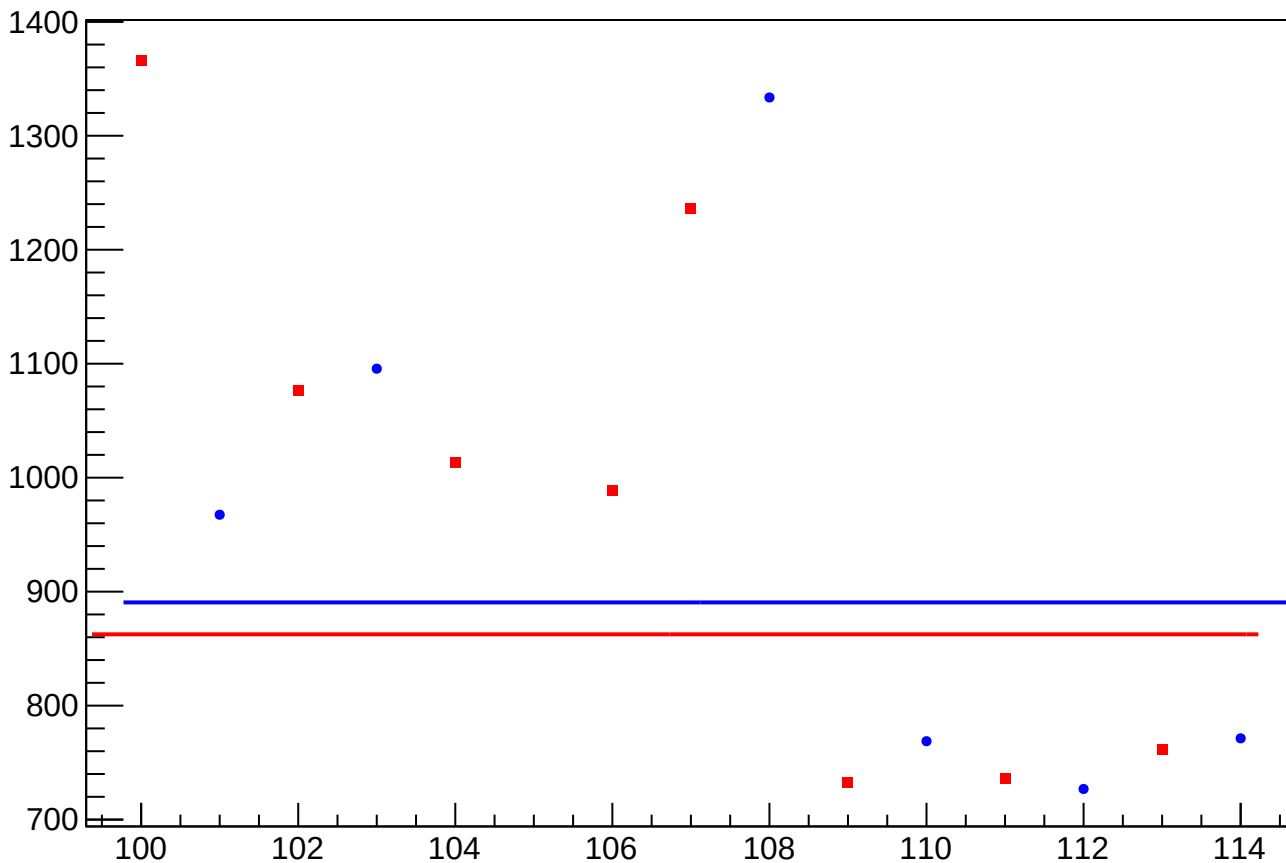
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -413.055 $\pm$ 367.349 χ^2 /NDF: 21.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



Right In: 890.554+/-0.395 χ^2/NDF : 212717.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.555+/-0.345 χ^2/NDF : 224190.9/7

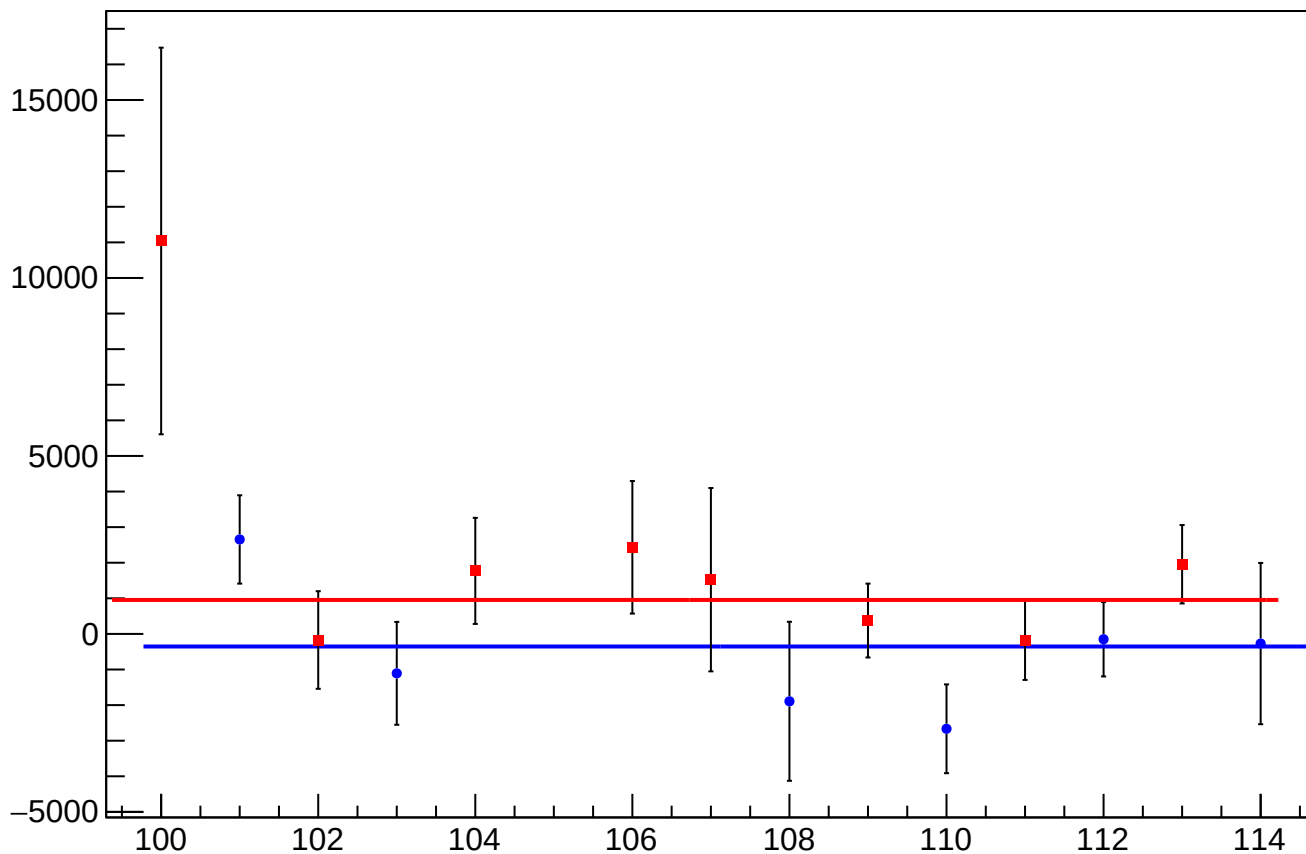
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.656+/-0.260 χ^2/NDF : 439759.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



Right In: -353.433+/-569.595 χ^2/NDF : 10.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 954.348+/-499.174 χ^2/NDF : 7.3/7

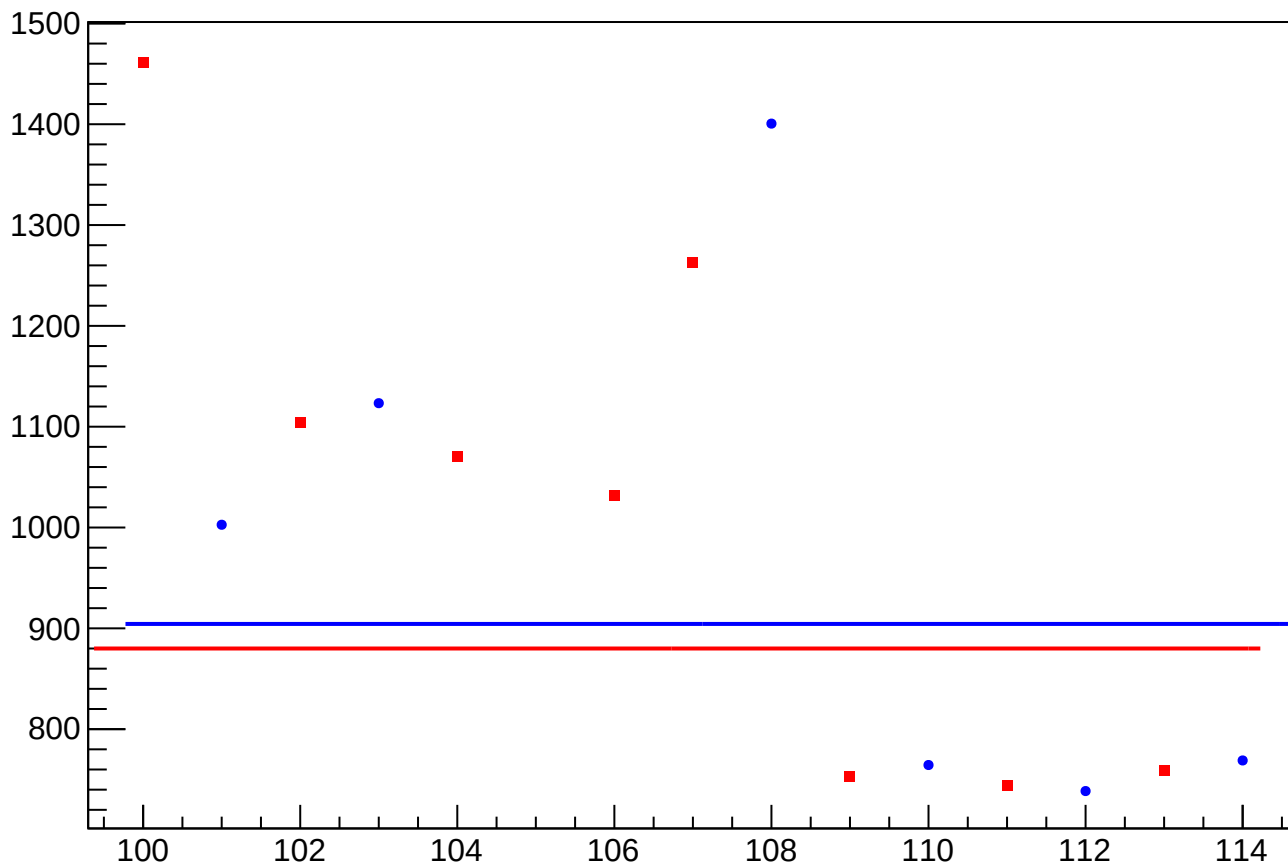
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.254+/-375.412 χ^2/NDF : 20.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 904.371+/-0.403 χ^2/NDF : 239821.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 880.001+/-0.353 χ^2/NDF : 249809.4/7

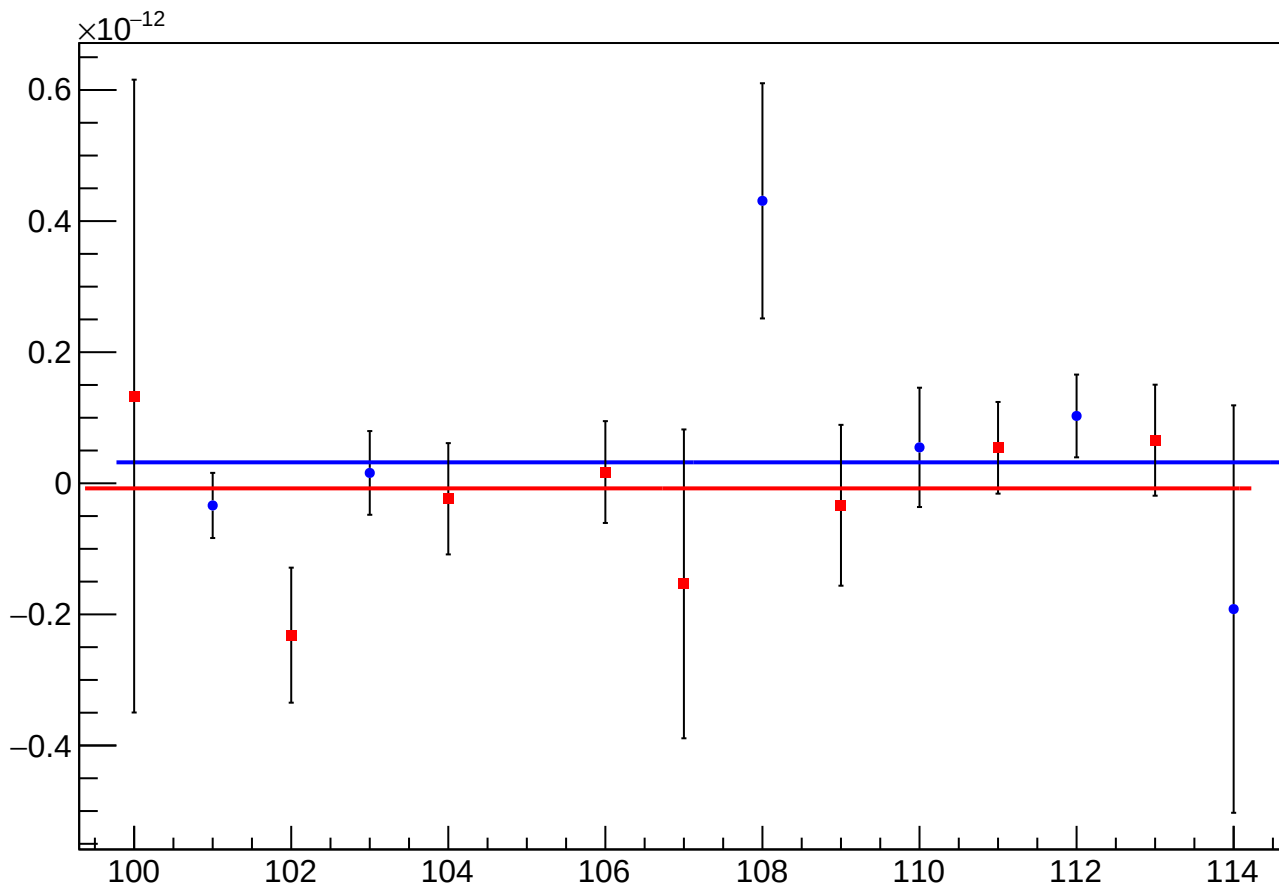
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.587+/-0.265 χ^2/NDF : 491702.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.9/7

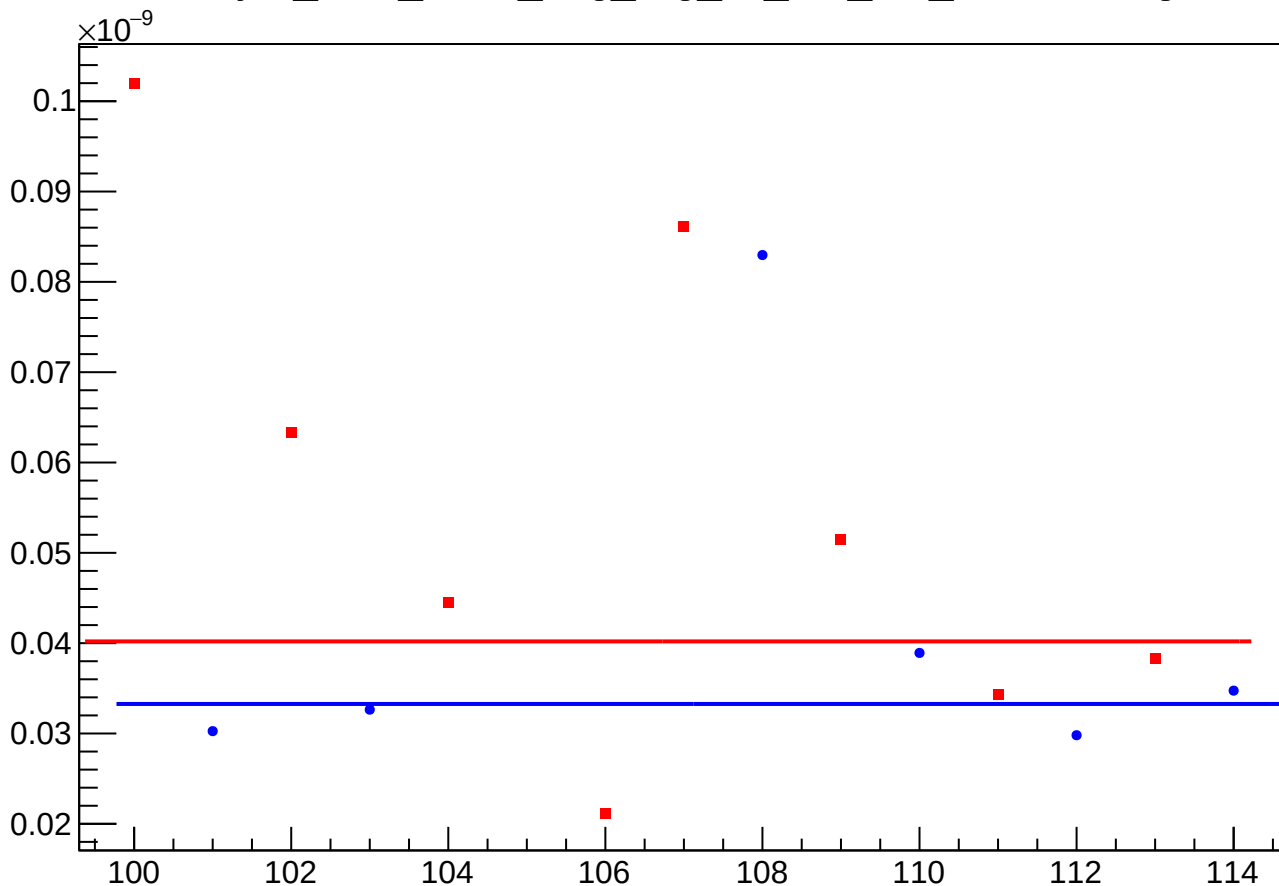
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 174780.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366596.2/7

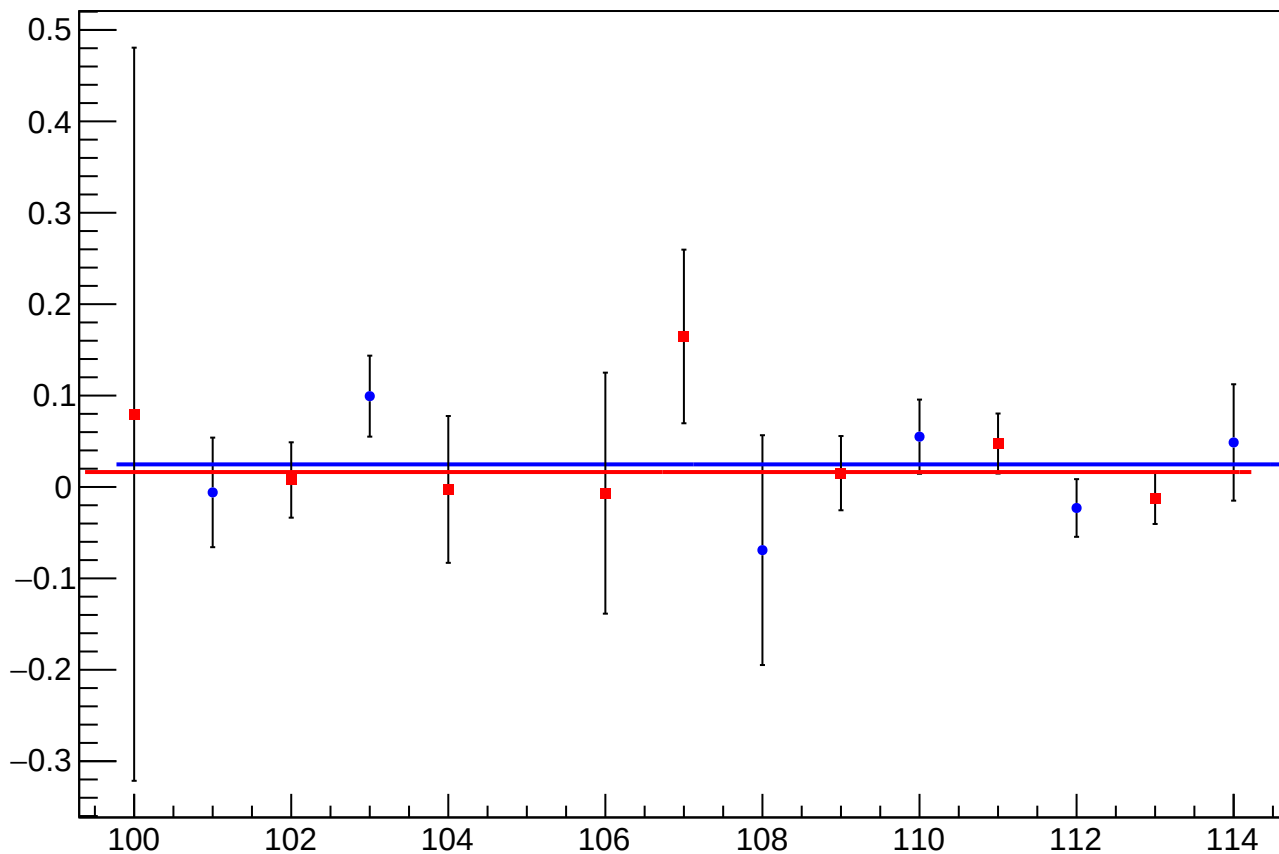
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 586122.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.019 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.016 χ^2 /NDF: 4.5/7

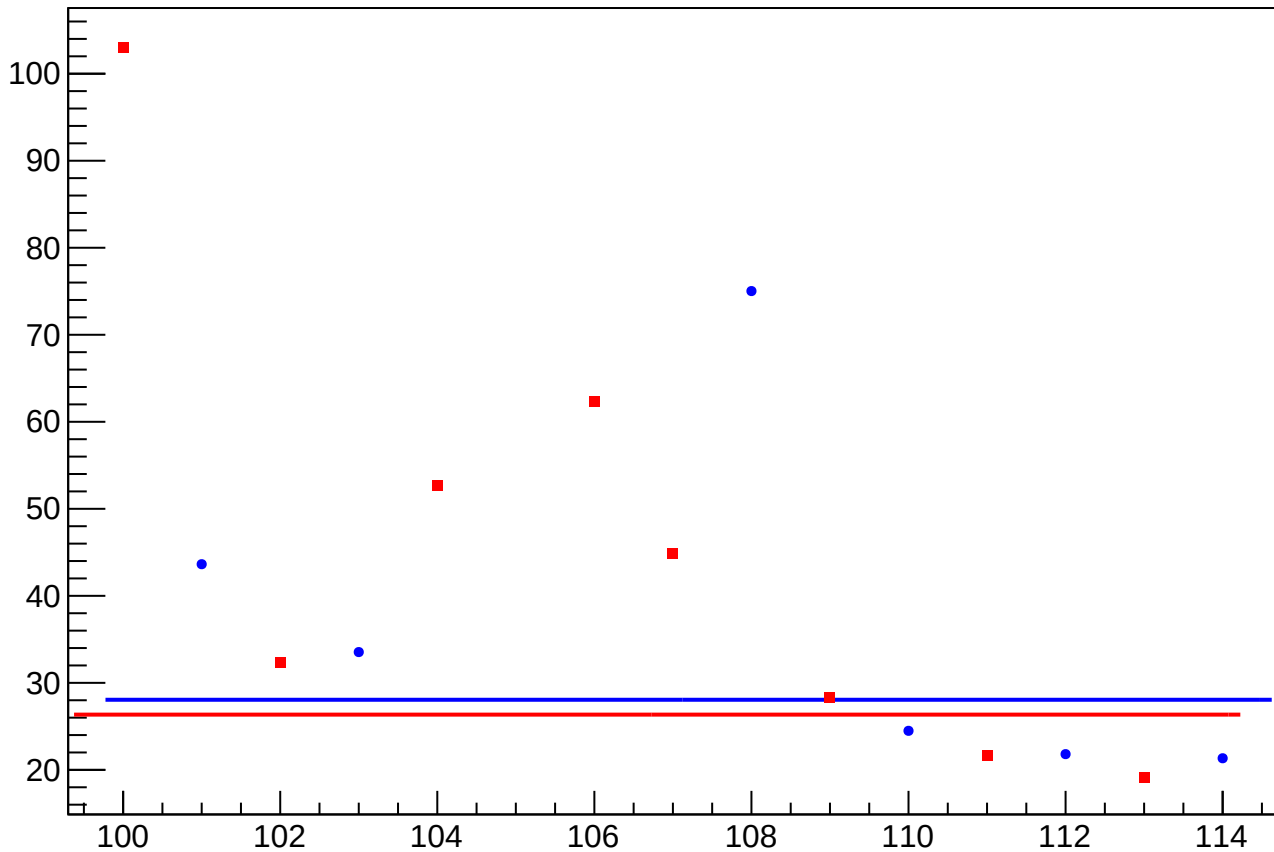
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.012 χ^2 /NDF: 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug



Right In: 28.057 $\pm$ 0.014 χ^2 /NDF: 561031.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.349 $\pm$ 0.012 χ^2 /NDF: 731869.3/7

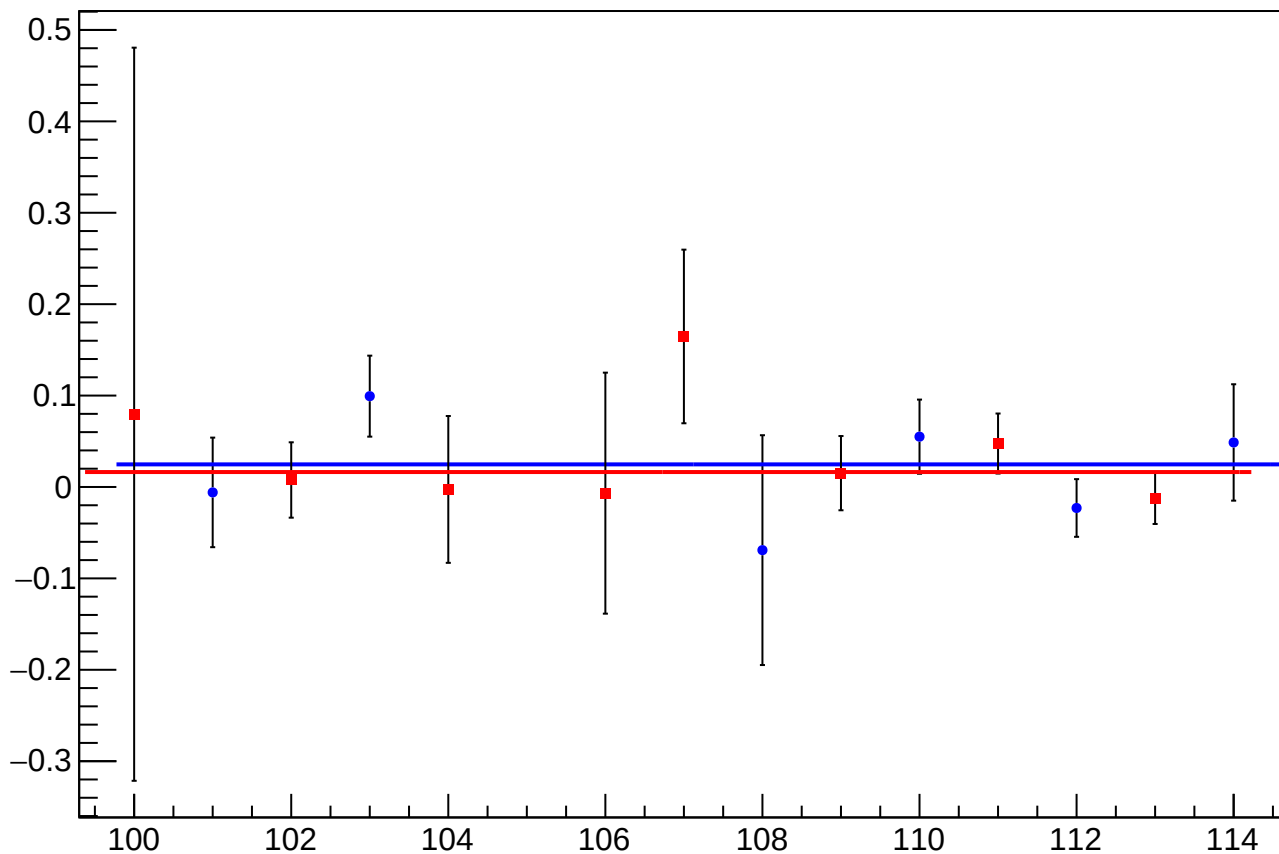
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.071 $\pm$ 0.009 χ^2 /NDF: 1302022.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.019 χ^2/NDF : 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 $\pm$ 0.016 χ^2/NDF : 4.5/7

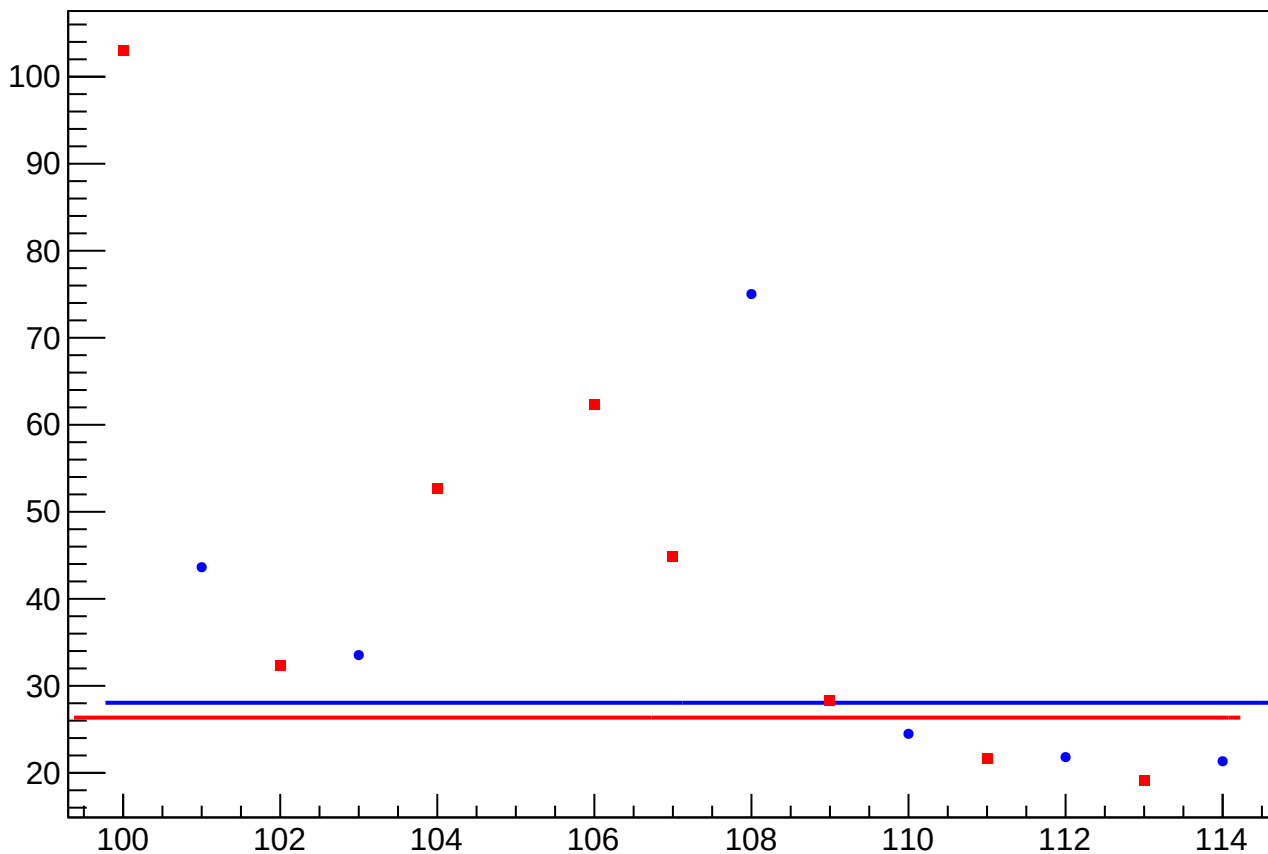
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.020 $\pm$ 0.012 χ^2/NDF : 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.057+/-0.014 χ^2/NDF : 561031.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.349+/-0.012 χ^2/NDF : 731869.3/7

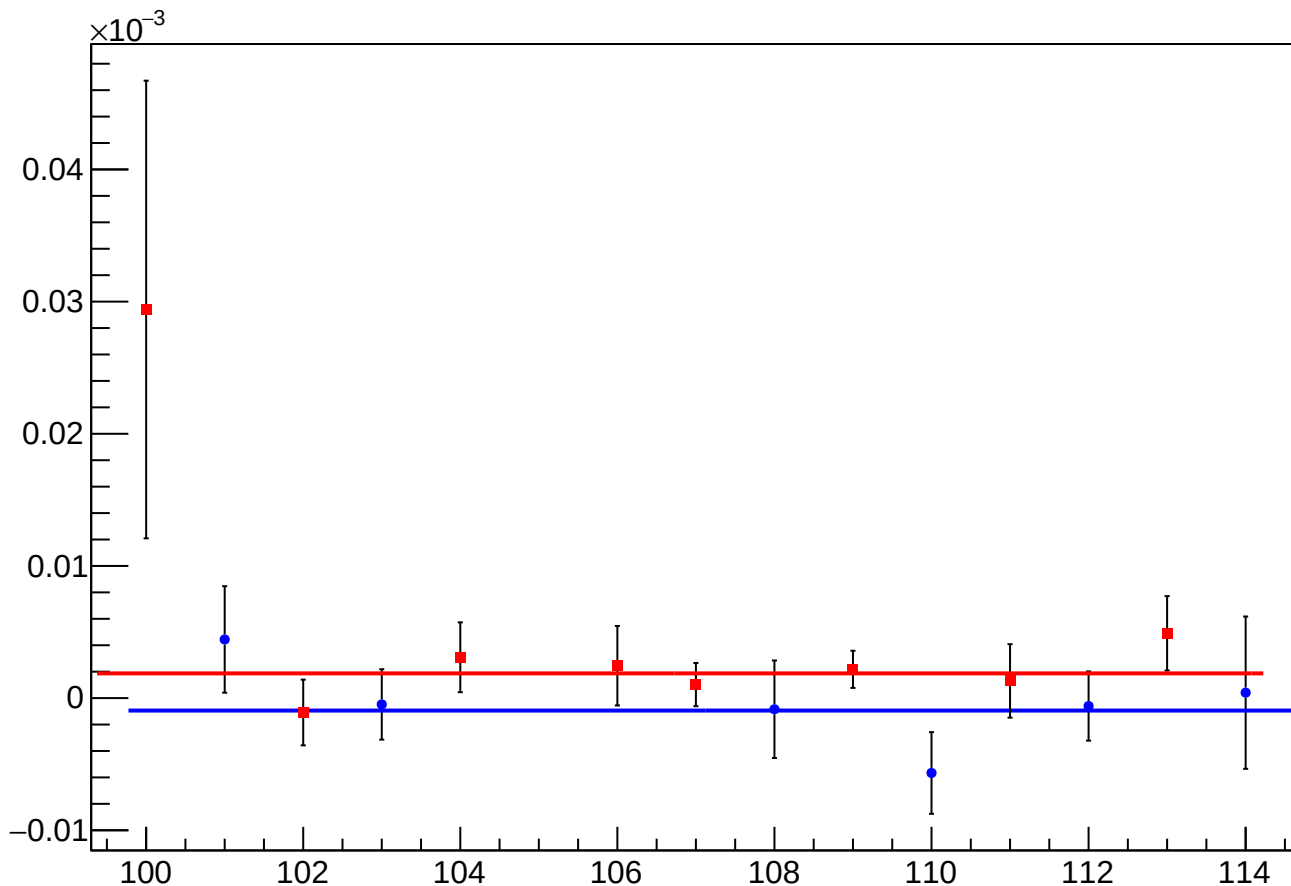
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.071+/-0.009 χ^2/NDF : 1302022.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/7

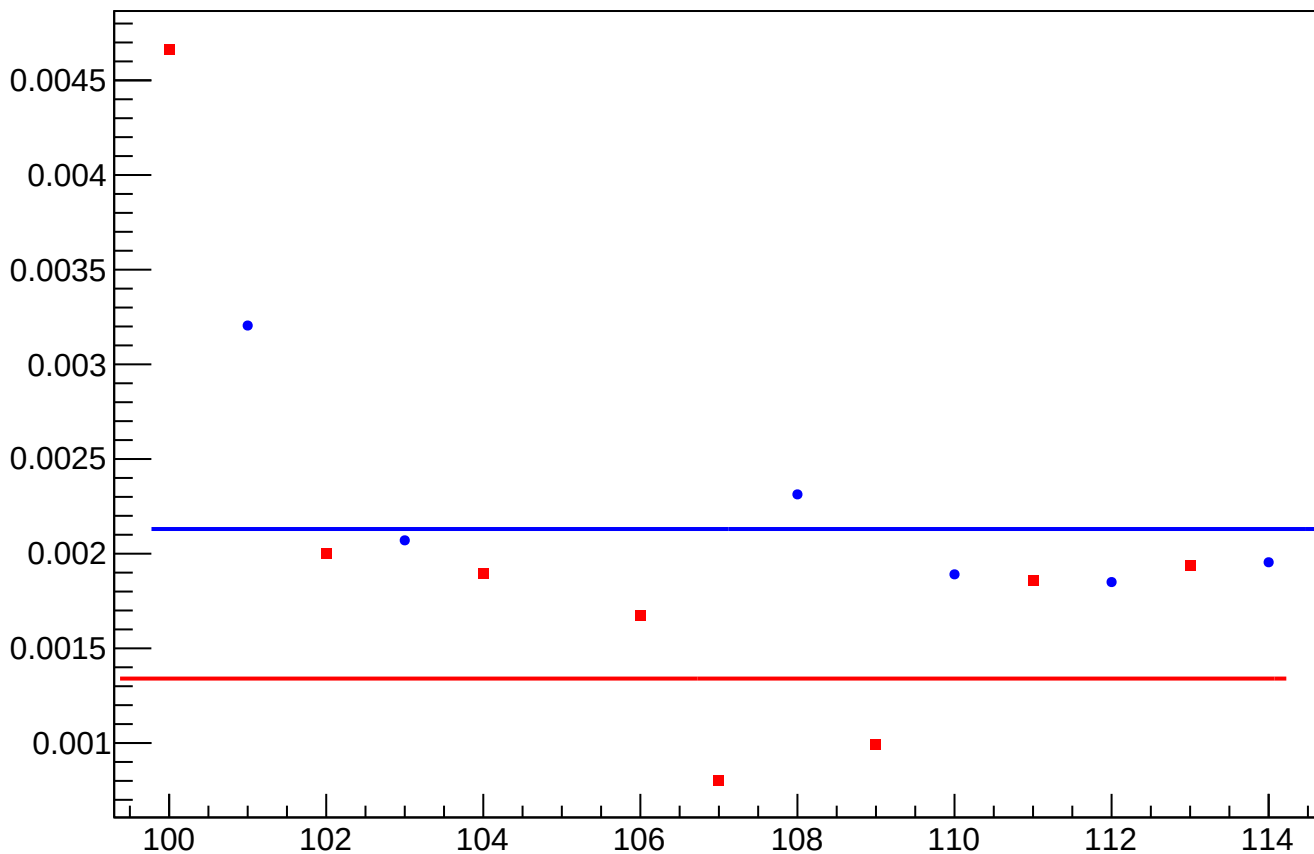
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 185038.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 827383.7/7

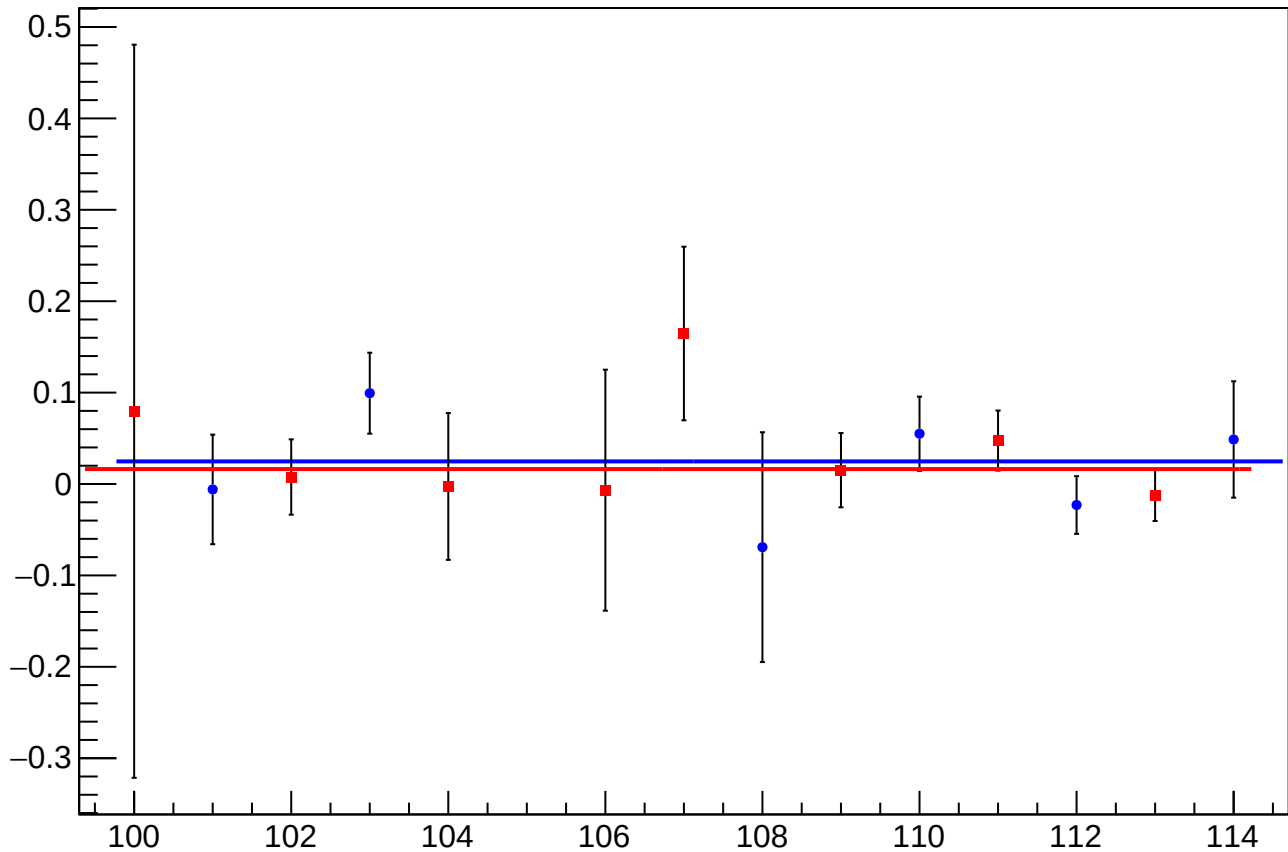
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1524023.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.019 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.016 χ^2 /NDF: 4.5/7

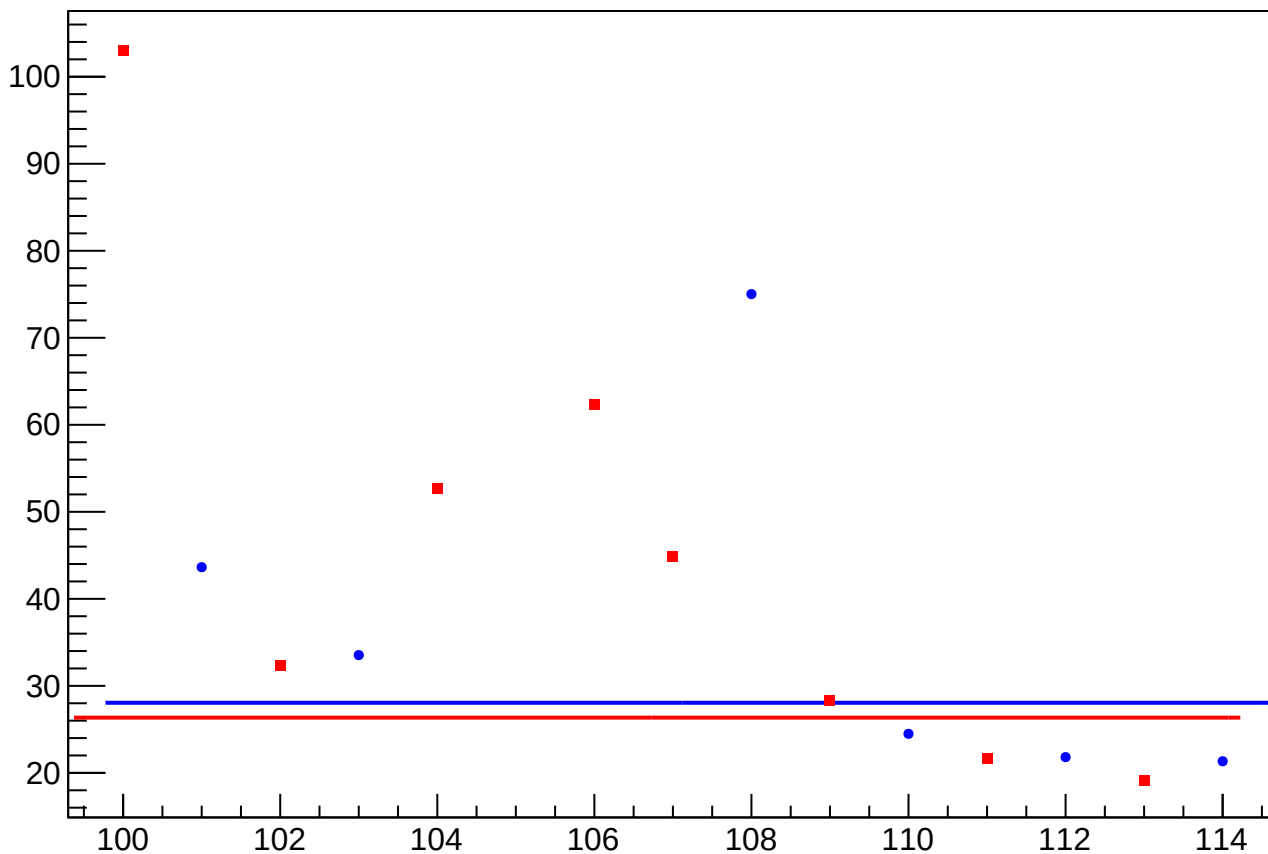
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.012 χ^2 /NDF: 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.057+/-0.014 χ^2/NDF : 561042.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.350+/-0.012 χ^2/NDF : 731873.5/7

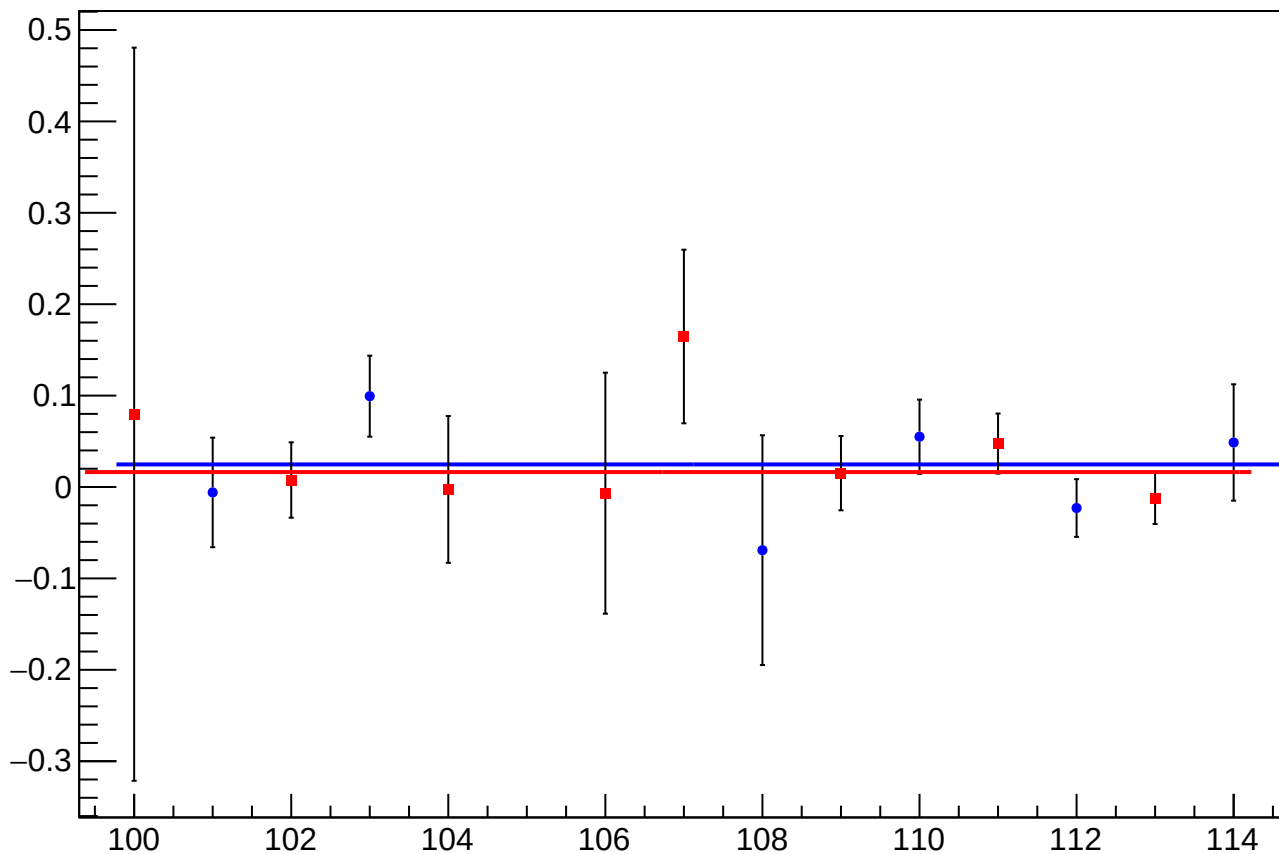
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.072+/-0.009 χ^2/NDF : 1302037.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.019 χ^2 /NDF: 6.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.016 χ^2 /NDF: 4.5/7

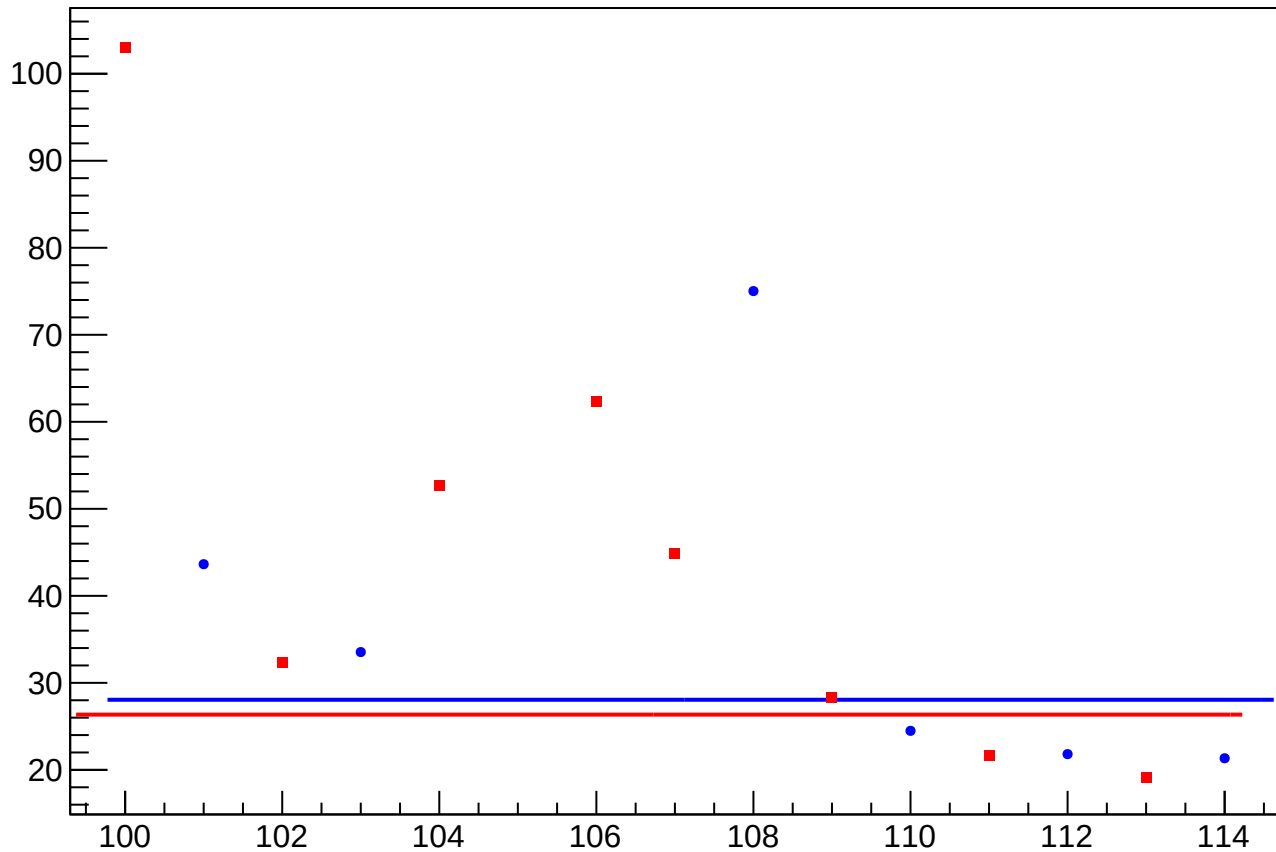
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.012 χ^2 /NDF: 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.057+/-0.014 χ^2/NDF : 561042.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.350+/-0.012 χ^2/NDF : 731873.5/7

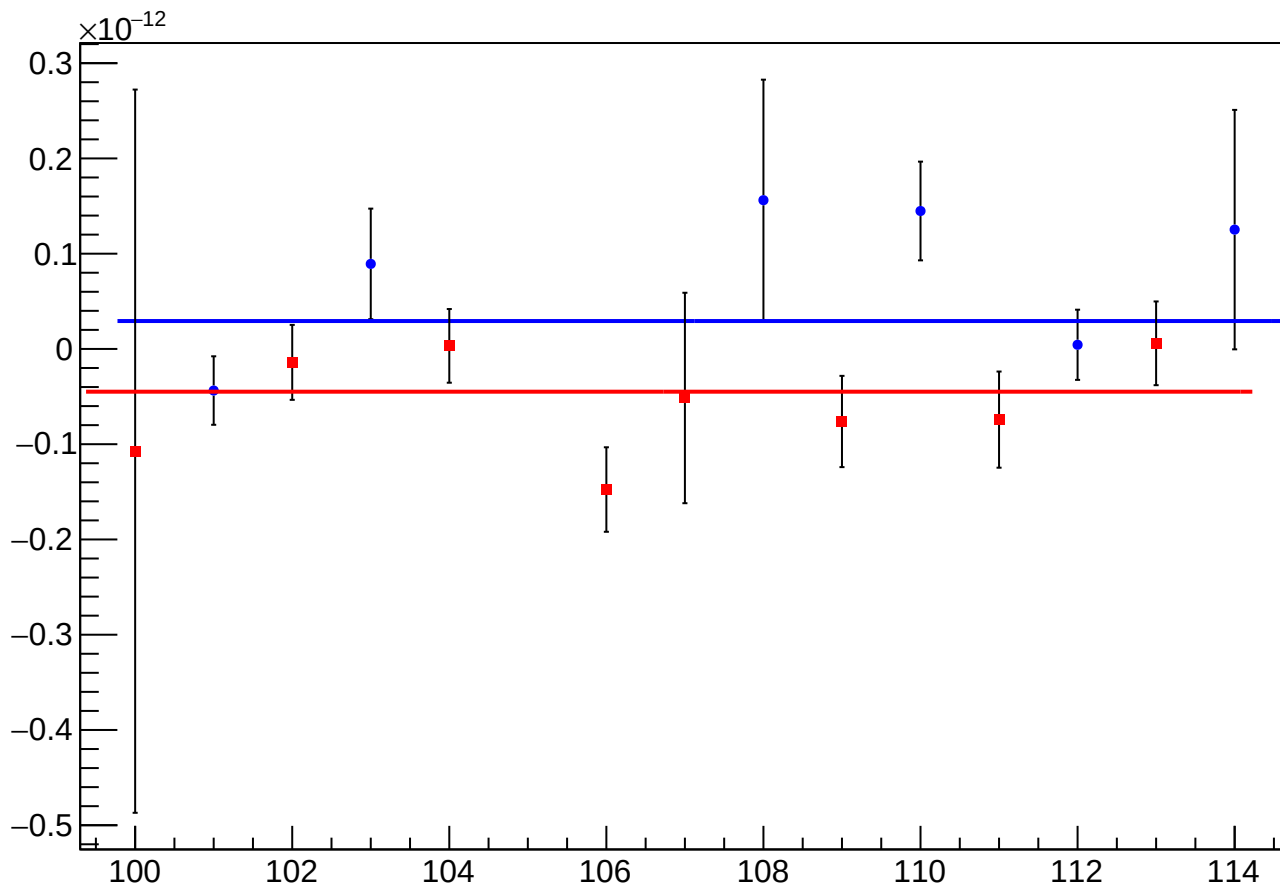
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.072+/-0.009 χ^2/NDF : 1302037.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 12.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 9.7/7

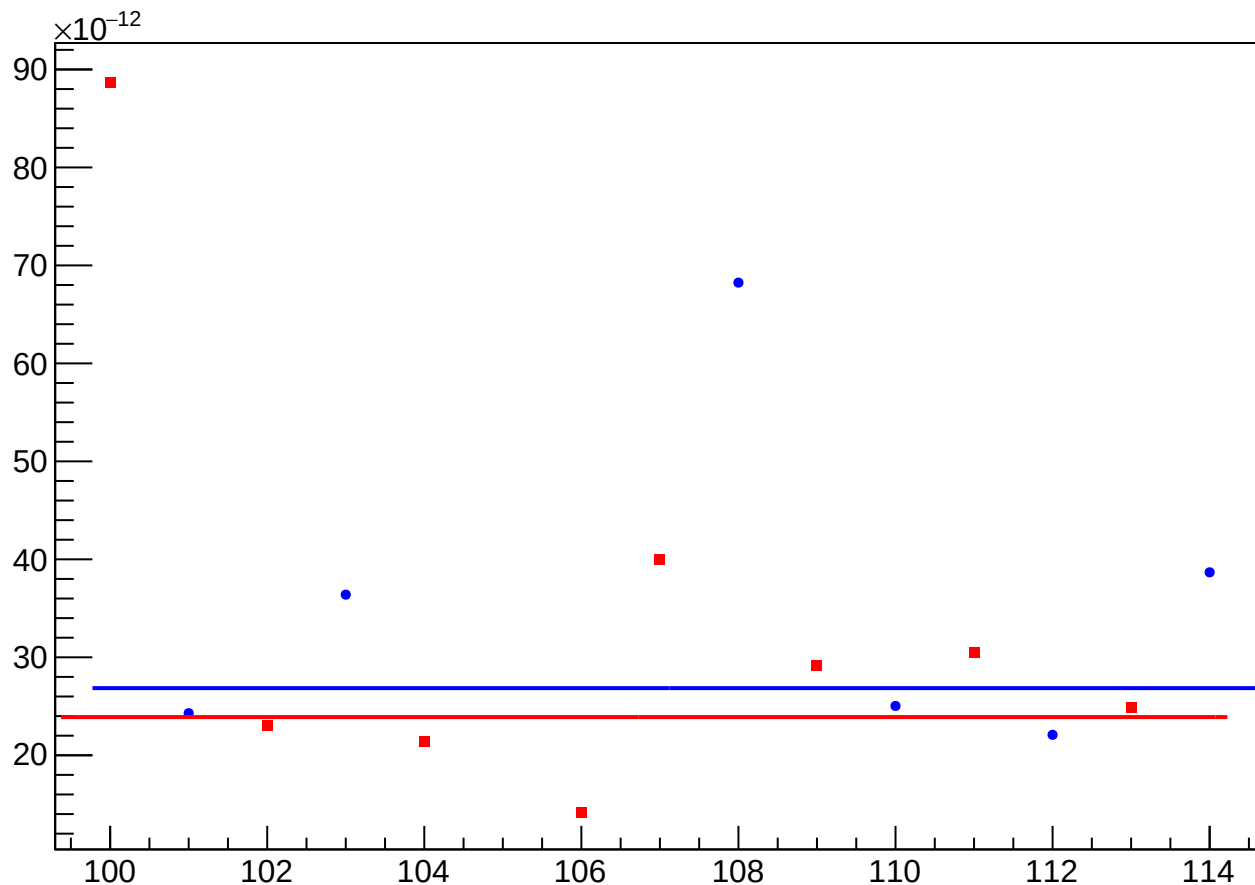
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 29.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 331879.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 266573.2/7

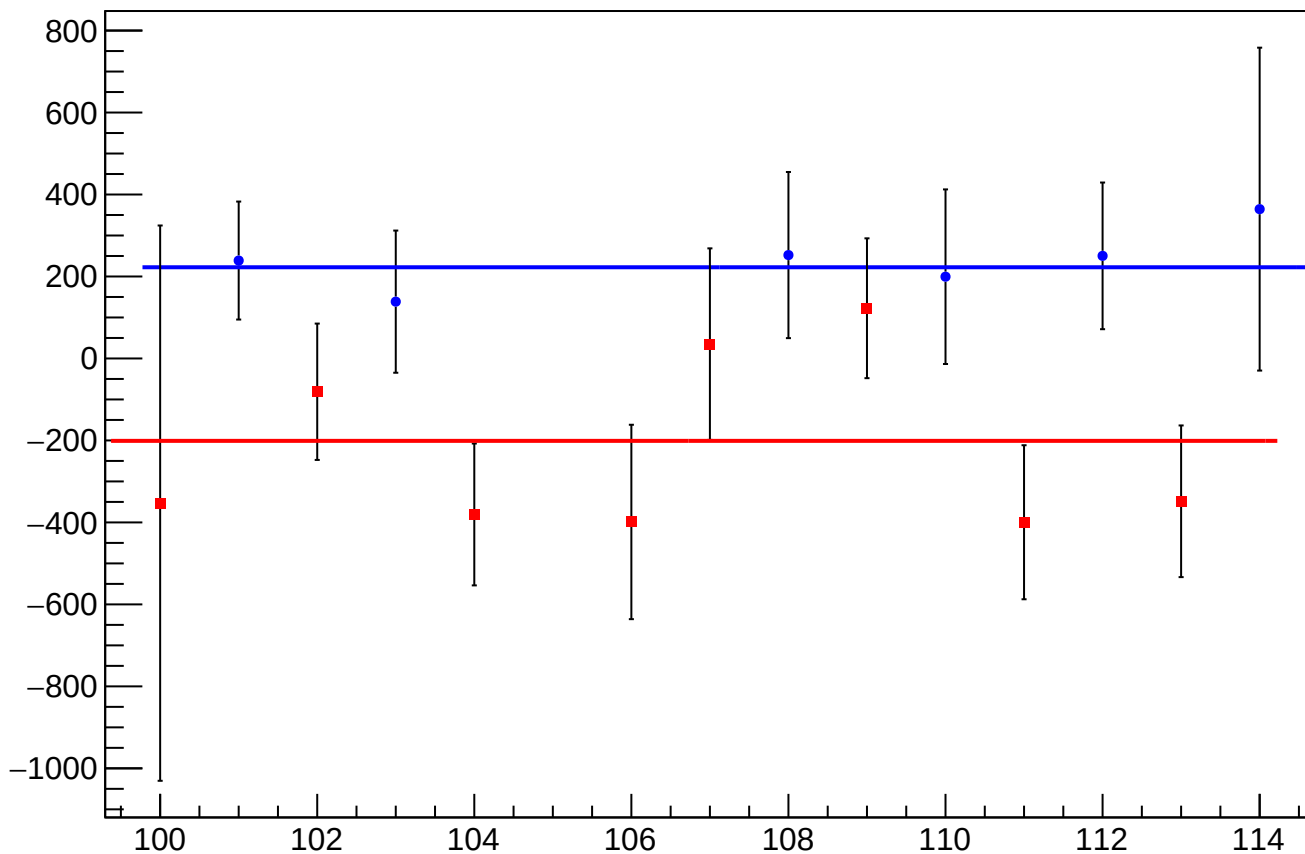
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 622059.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 222.505 $\pm$ 77.710 χ^2 /NDF: 0.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -201.042 $\pm$ 70.760 χ^2 /NDF: 8.7/7

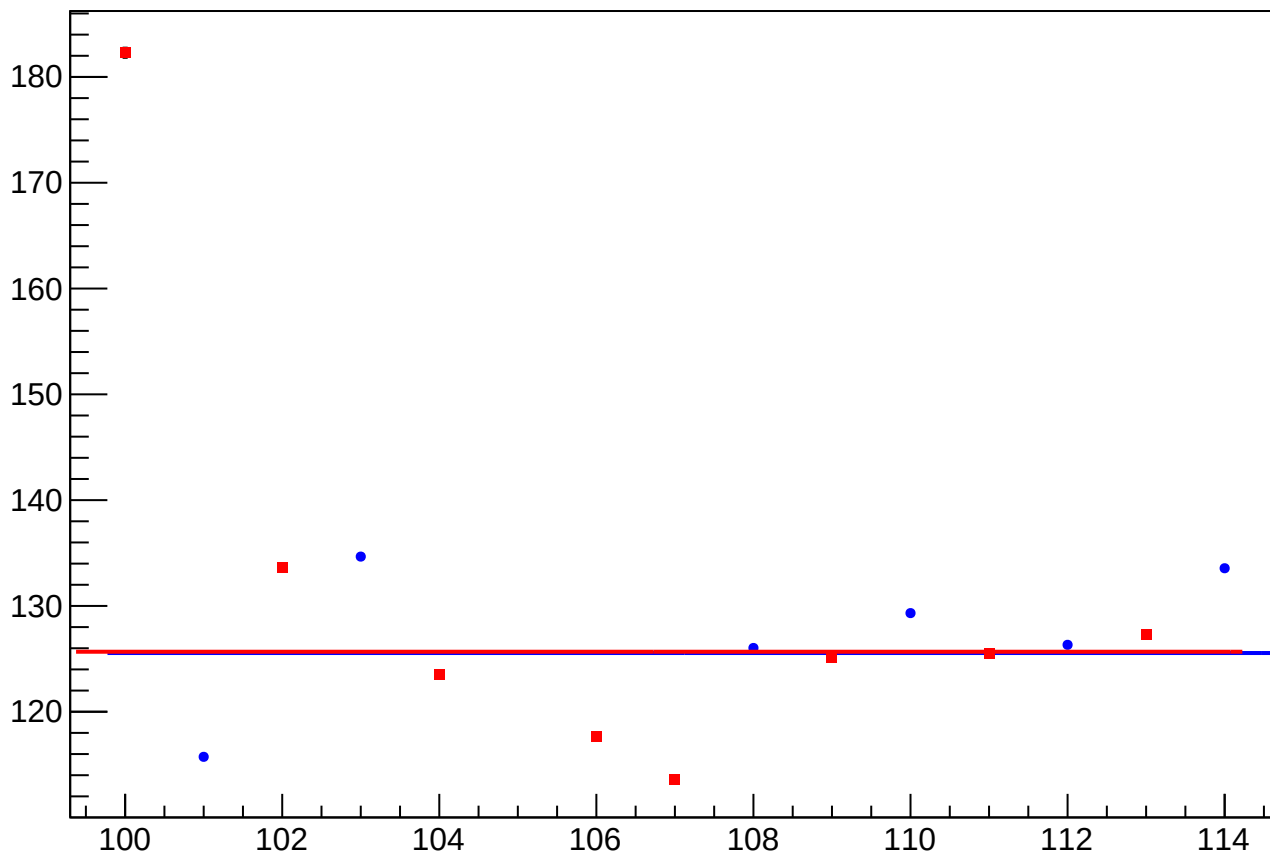
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.054 $\pm$ 52.320 χ^2 /NDF: 25.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 125.550 $\pm$ 0.055 χ^2 /NDF: 16321.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.671 $\pm$ 0.050 χ^2 /NDF: 26623.7/7

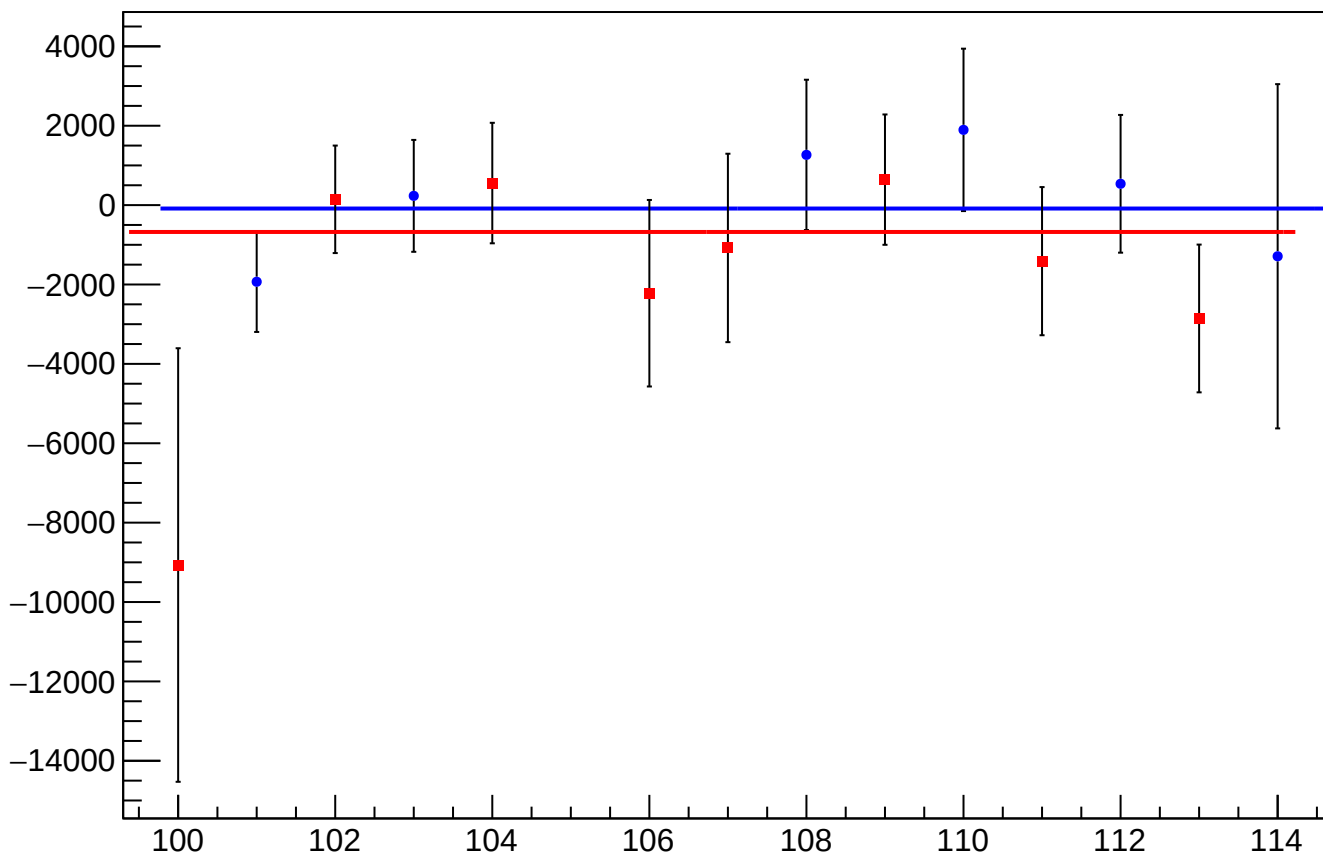
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.616 $\pm$ 0.037 χ^2 /NDF: 42947.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -86.145 ± 701.507 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -676.570 ± 656.779 χ^2/NDF : 6.0/7

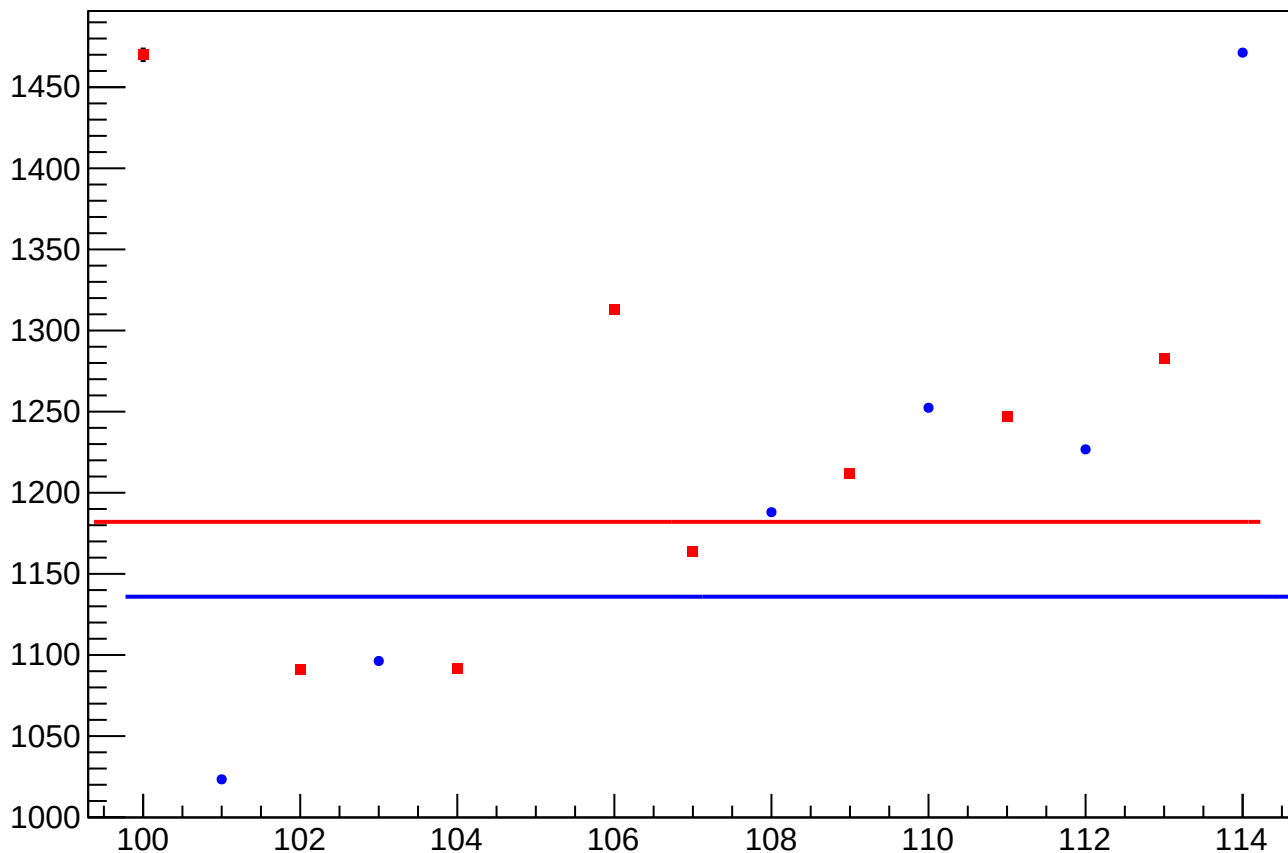
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -400.779 ± 479.446 χ^2/NDF : 10.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 1135.918 $\pm$ 0.496 χ^2 /NDF: 42877.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1182.057 $\pm$ 0.464 χ^2 /NDF: 36970.3/7

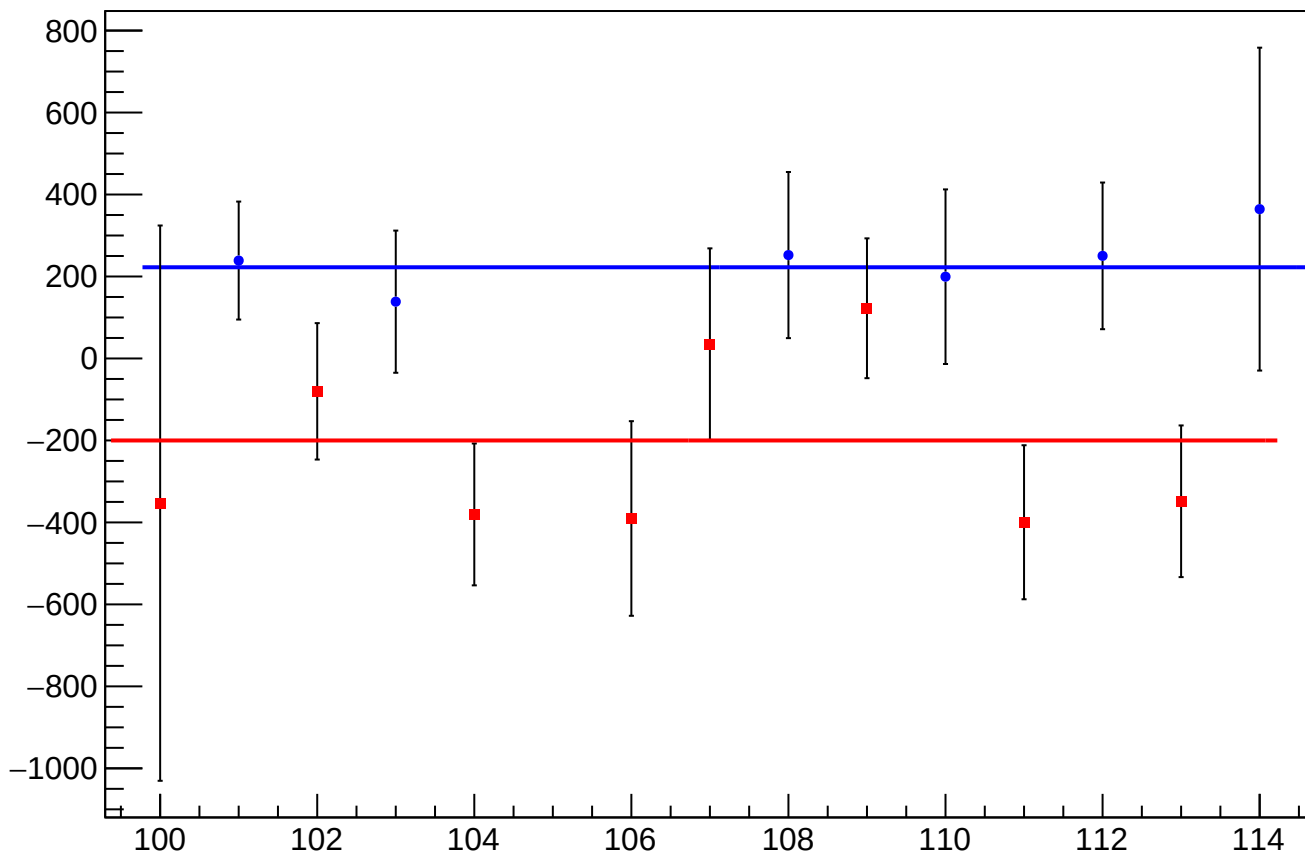
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1160.505 $\pm$ 0.339 χ^2 /NDF: 84458.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 222.498 $\pm$ 77.711 χ^2 /NDF: 0.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -200.072 $\pm$ 70.774 χ^2 /NDF: 8.7/7

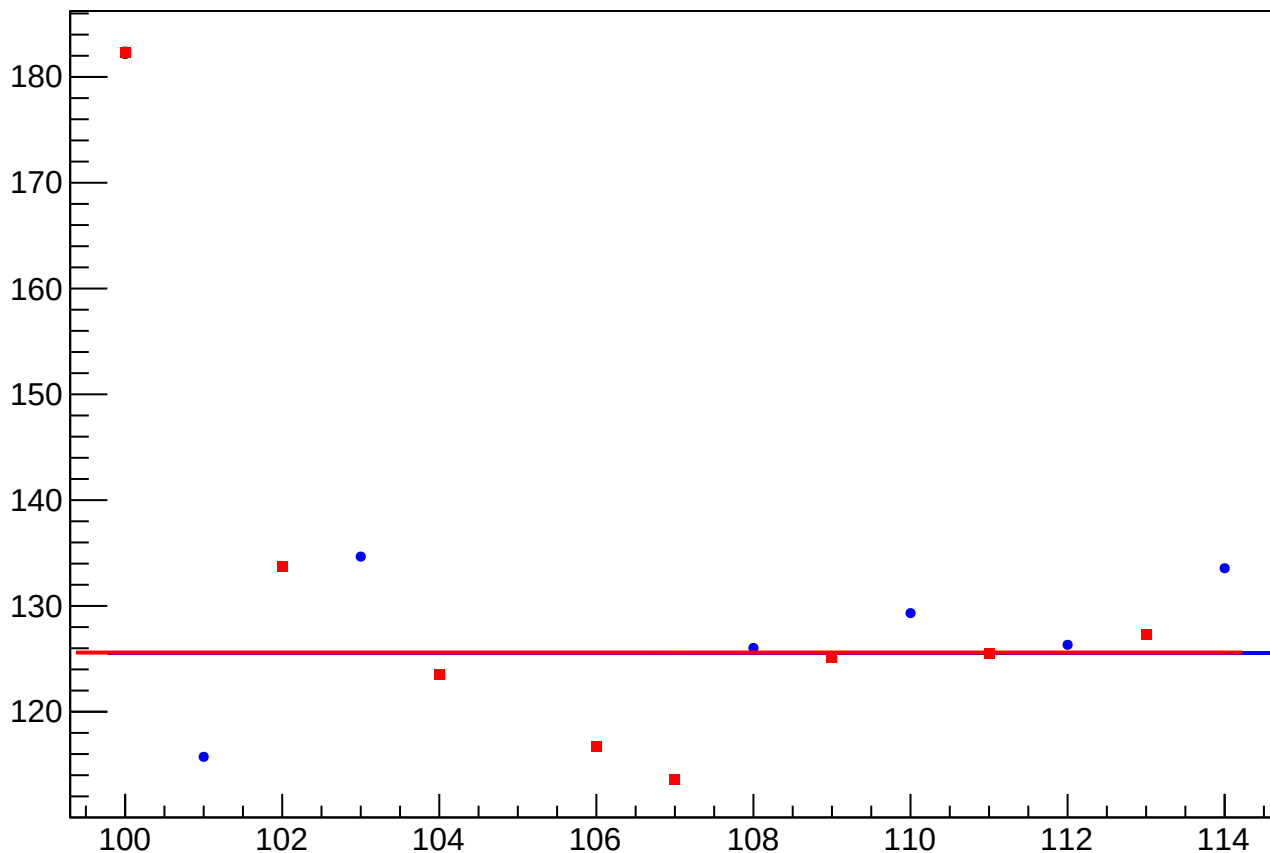
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.485 $\pm$ 52.326 χ^2 /NDF: 25.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 125.550 $\pm$ 0.055 χ^2 /NDF: 16322.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.594 $\pm$ 0.050 χ^2 /NDF: 27303.2/7

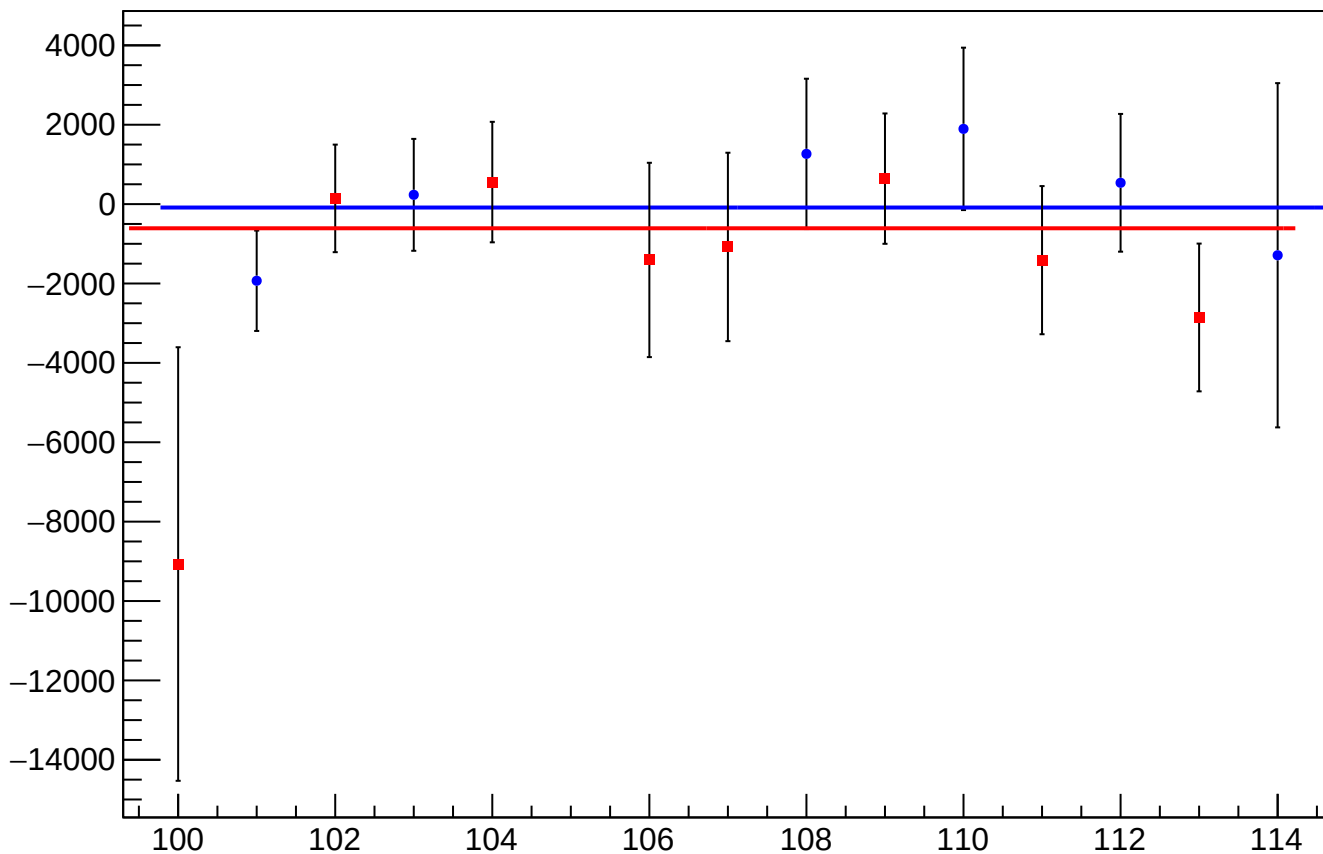
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.574 $\pm$ 0.037 χ^2 /NDF: 43625.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



Right In: -85.983 ± 701.517 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -608.938 ± 658.916 χ^2/NDF : 5.7/7

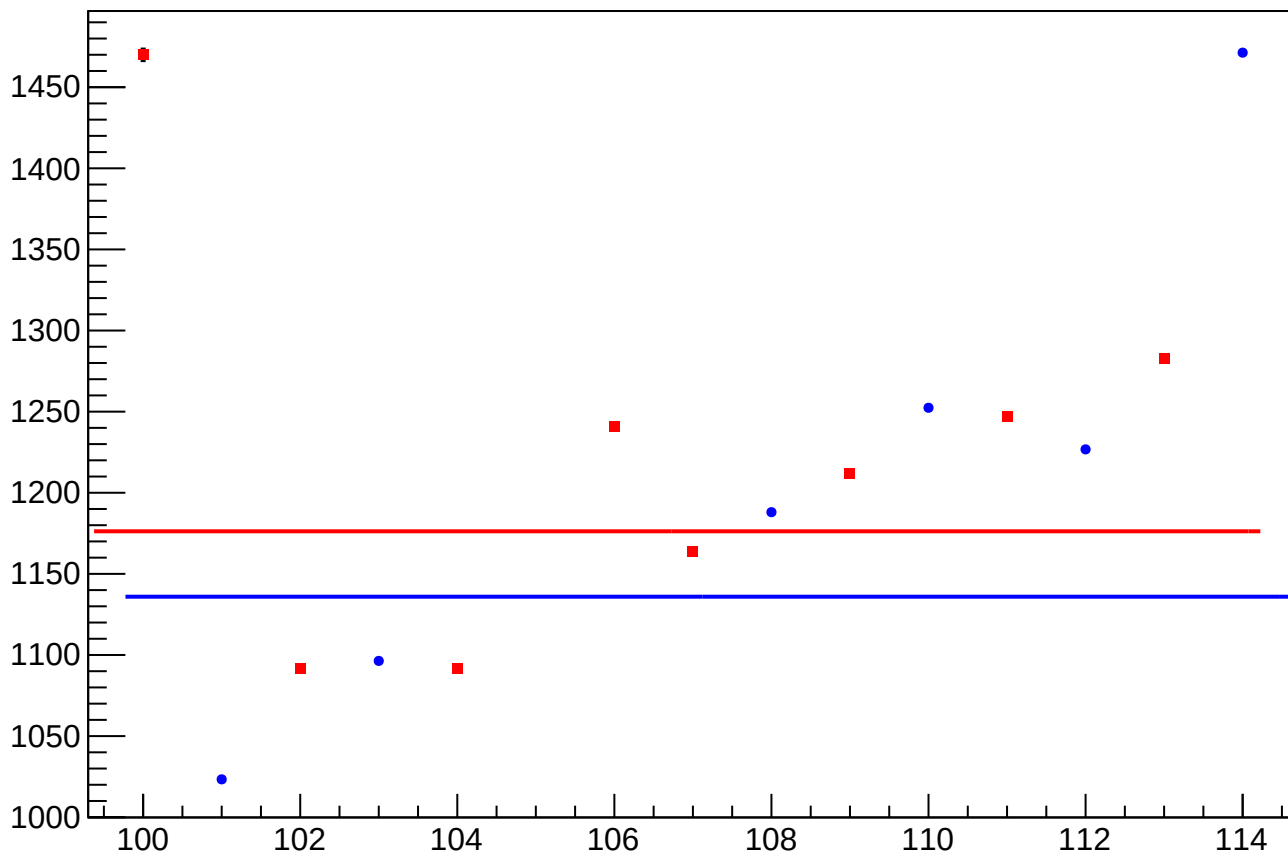
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -363.820 ± 480.279 χ^2/NDF : 9.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 1135.934 $\pm$ 0.496 χ^2 /NDF: 42872.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1176.247 $\pm$ 0.466 χ^2 /NDF: 31600.1/7

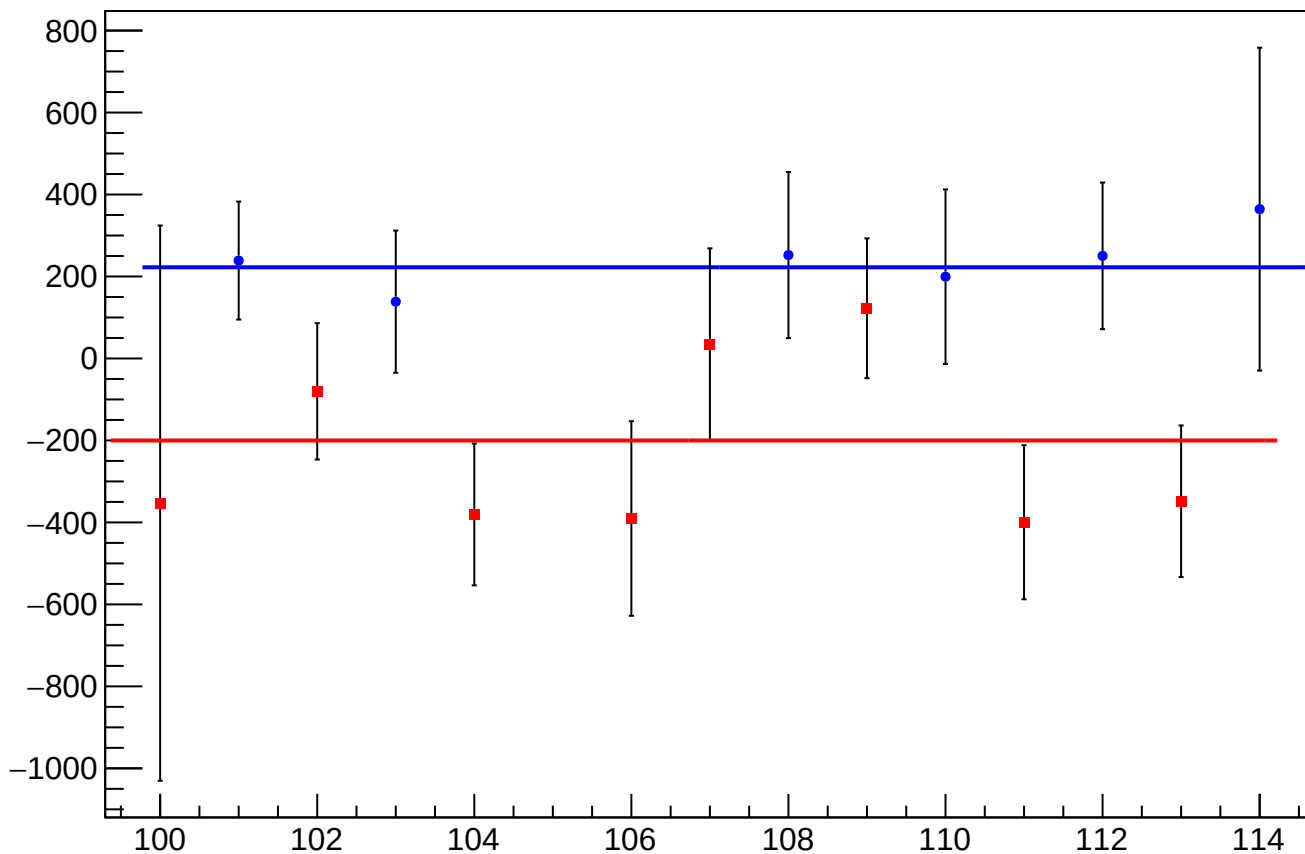
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1157.352 $\pm$ 0.340 χ^2 /NDF: 77981.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 222.498 $\pm$ 77.711 χ^2 /NDF: 0.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -200.072 $\pm$ 70.774 χ^2 /NDF: 8.7/7

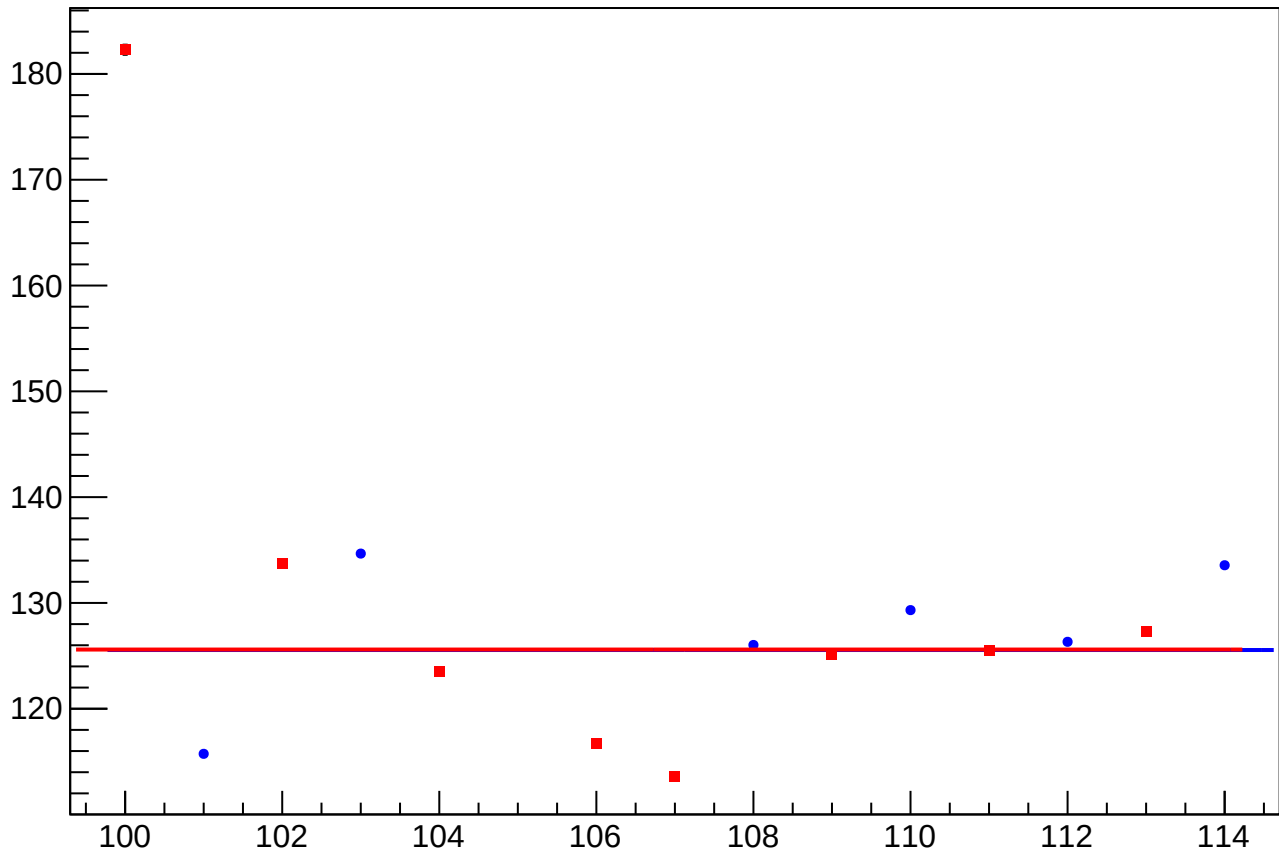
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.485 $\pm$ 52.326 χ^2 /NDF: 25.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 125.550 $\pm$ 0.055 χ^2 /NDF: 16322.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.594 $\pm$ 0.050 χ^2 /NDF: 27303.2/7

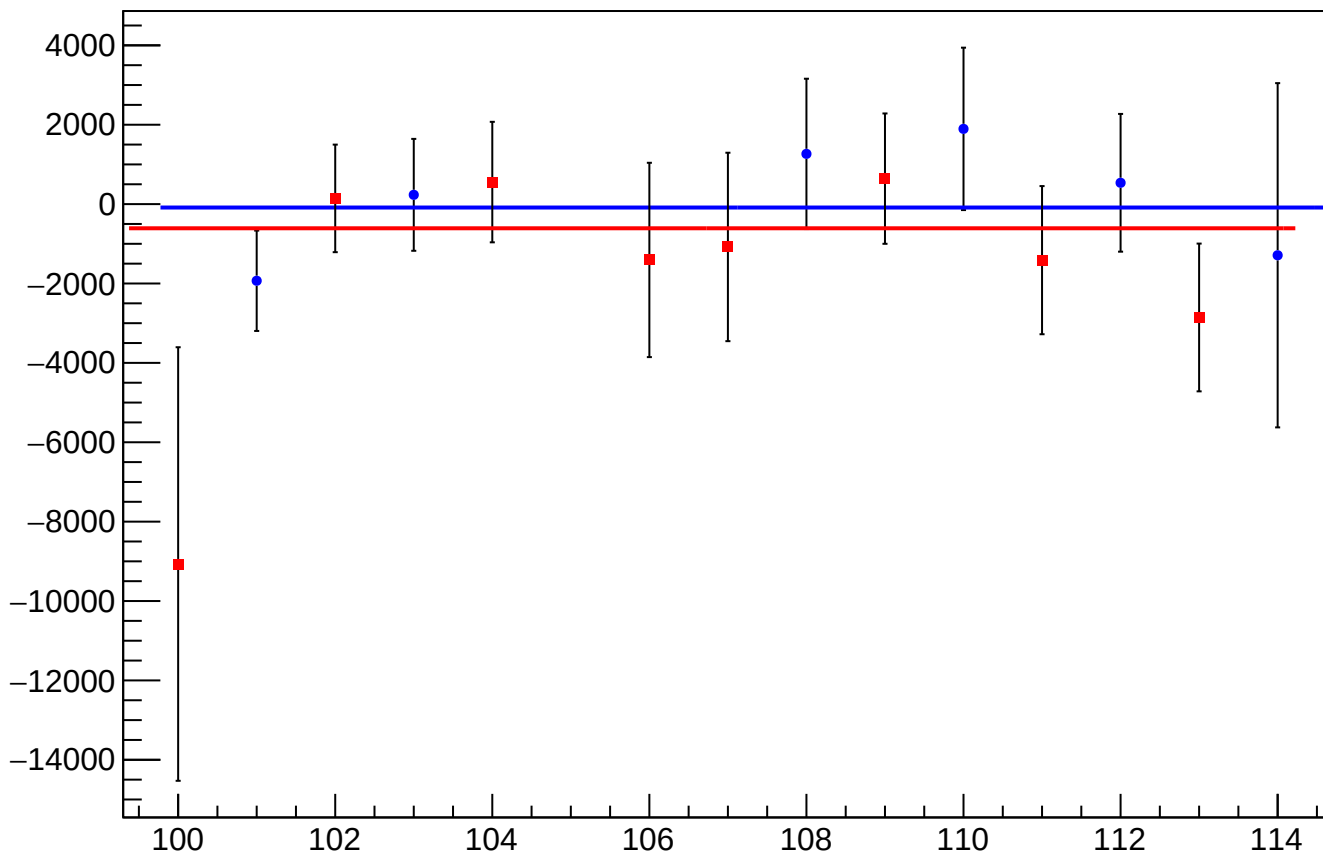
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.574 $\pm$ 0.037 χ^2 /NDF: 43625.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



Right In: -85.983 ± 701.517 χ^2/NDF : 3.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -608.938 ± 658.916 χ^2/NDF : 5.7/7

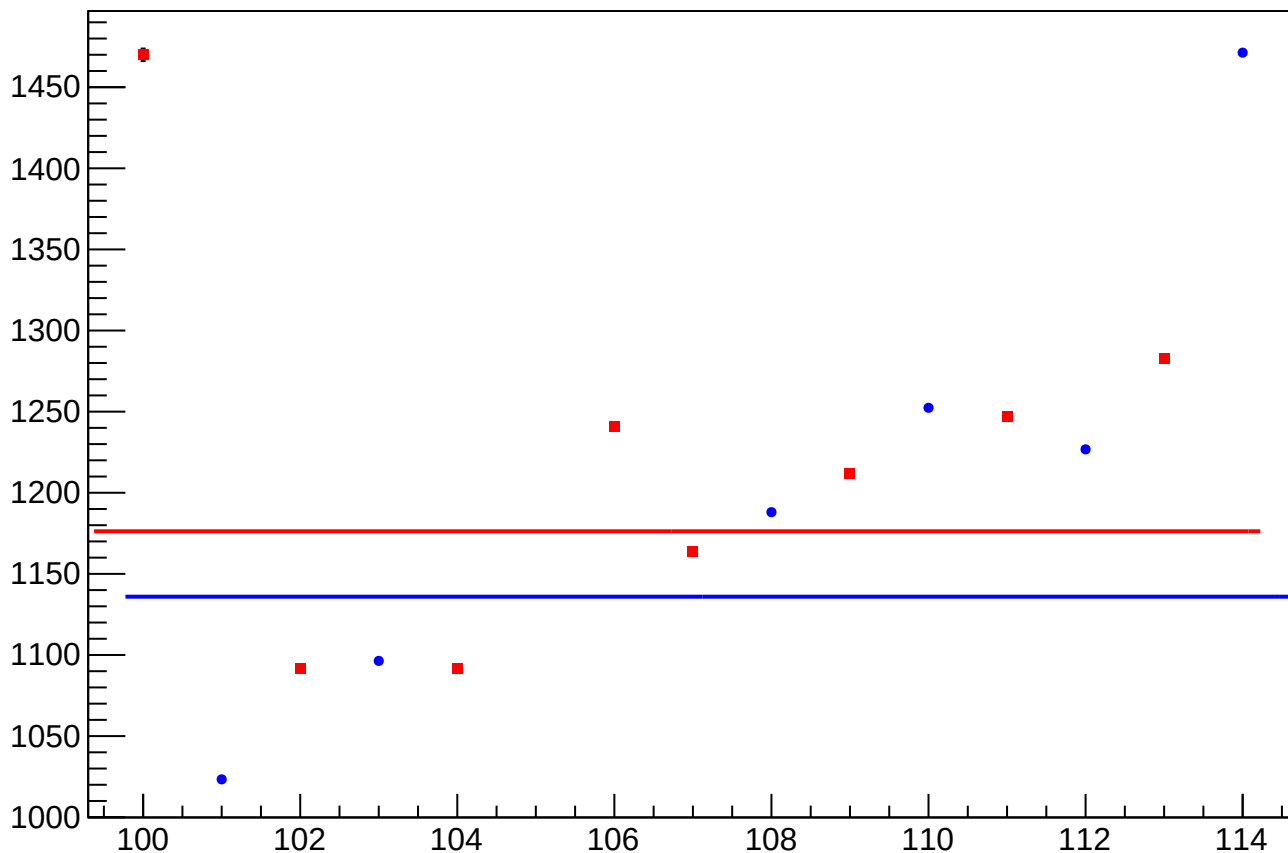
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -363.820 ± 480.279 χ^2/NDF : 9.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



Right In: 1135.934 $\pm$ 0.496 χ^2 /NDF: 42872.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1176.247 $\pm$ 0.466 χ^2 /NDF: 31600.1/7

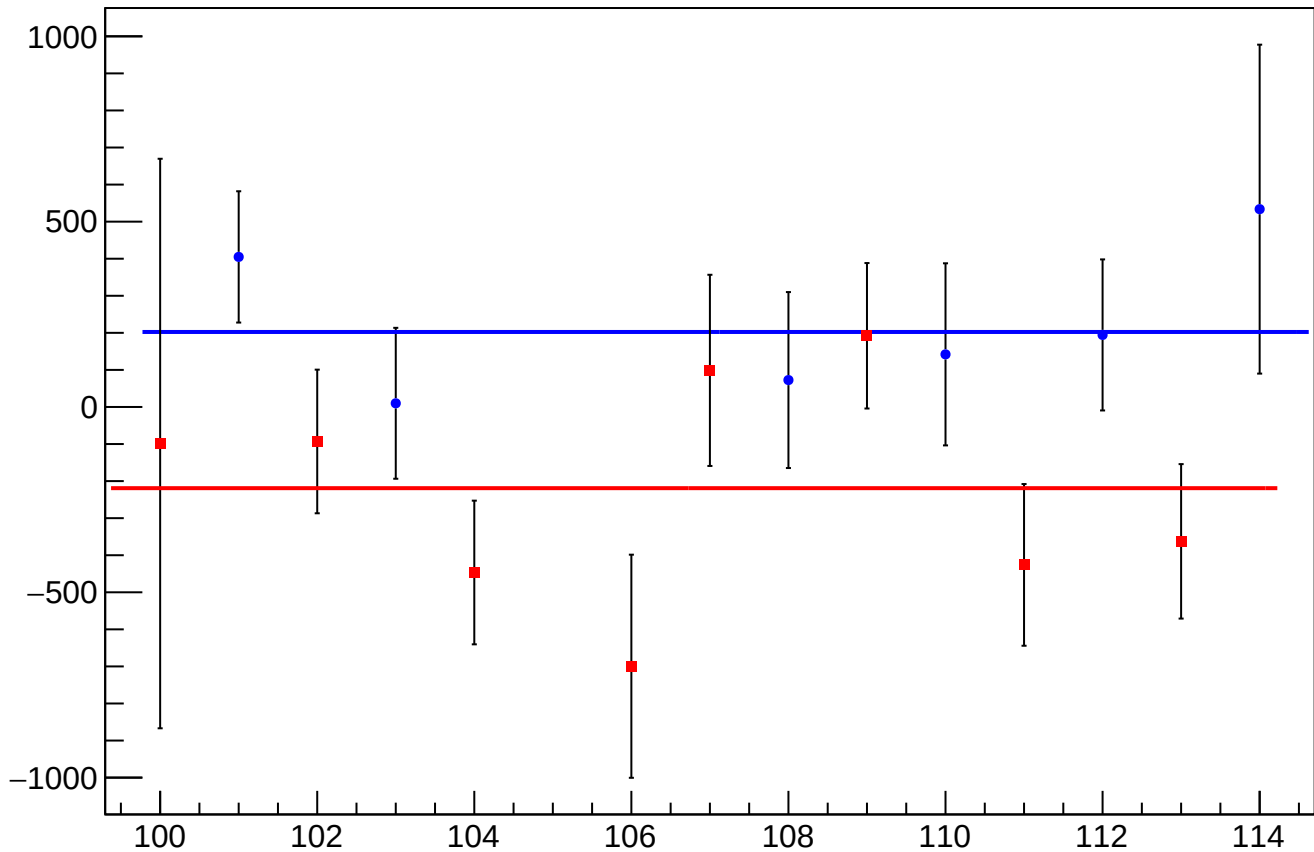
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1157.352 $\pm$ 0.340 χ^2 /NDF: 77981.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 202.355 $\pm$ 91.485 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -219.069 $\pm$ 81.372 χ^2 /NDF: 11.7/7

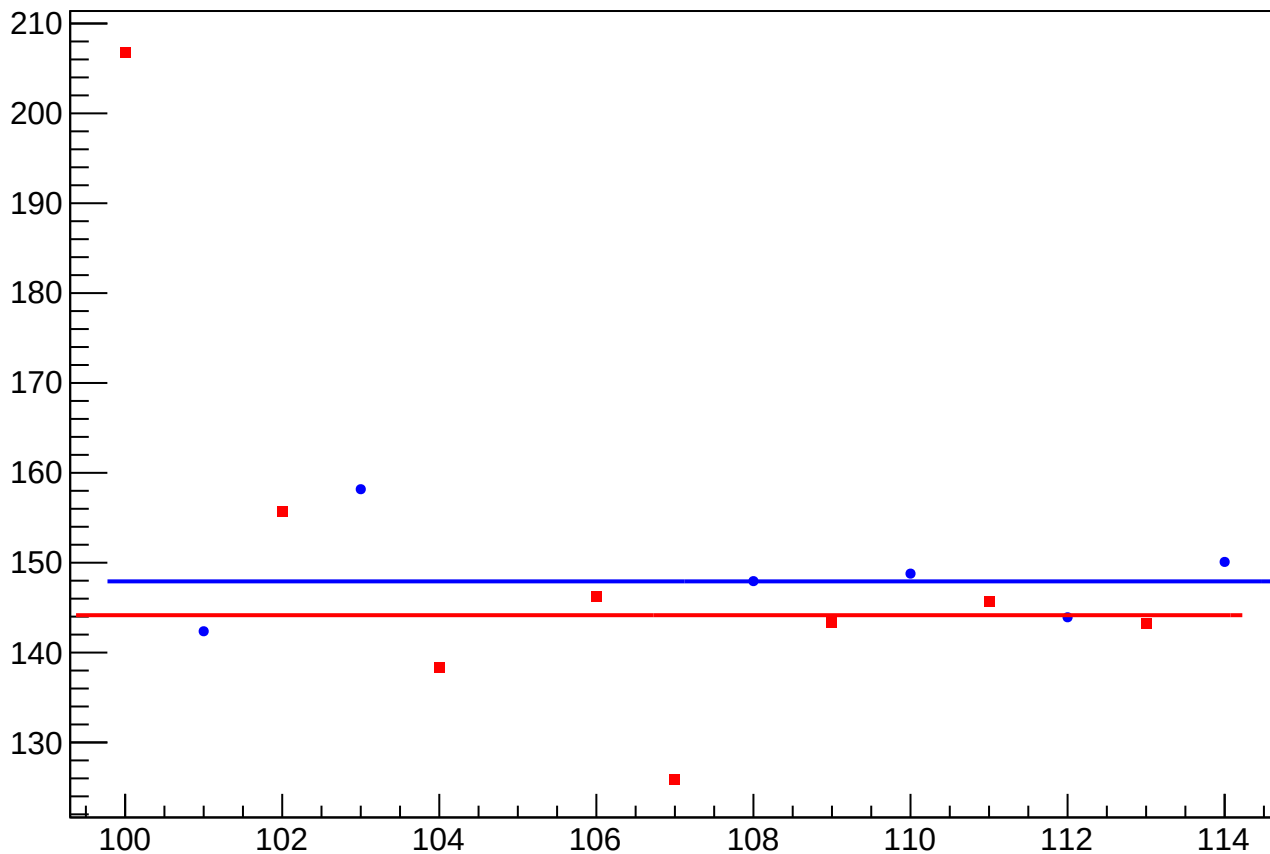
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.927 $\pm$ 60.801 χ^2 /NDF: 26.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 147.923+/-0.065 χ^2/NDF : 7880.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.159+/-0.058 χ^2/NDF : 32446.4/7

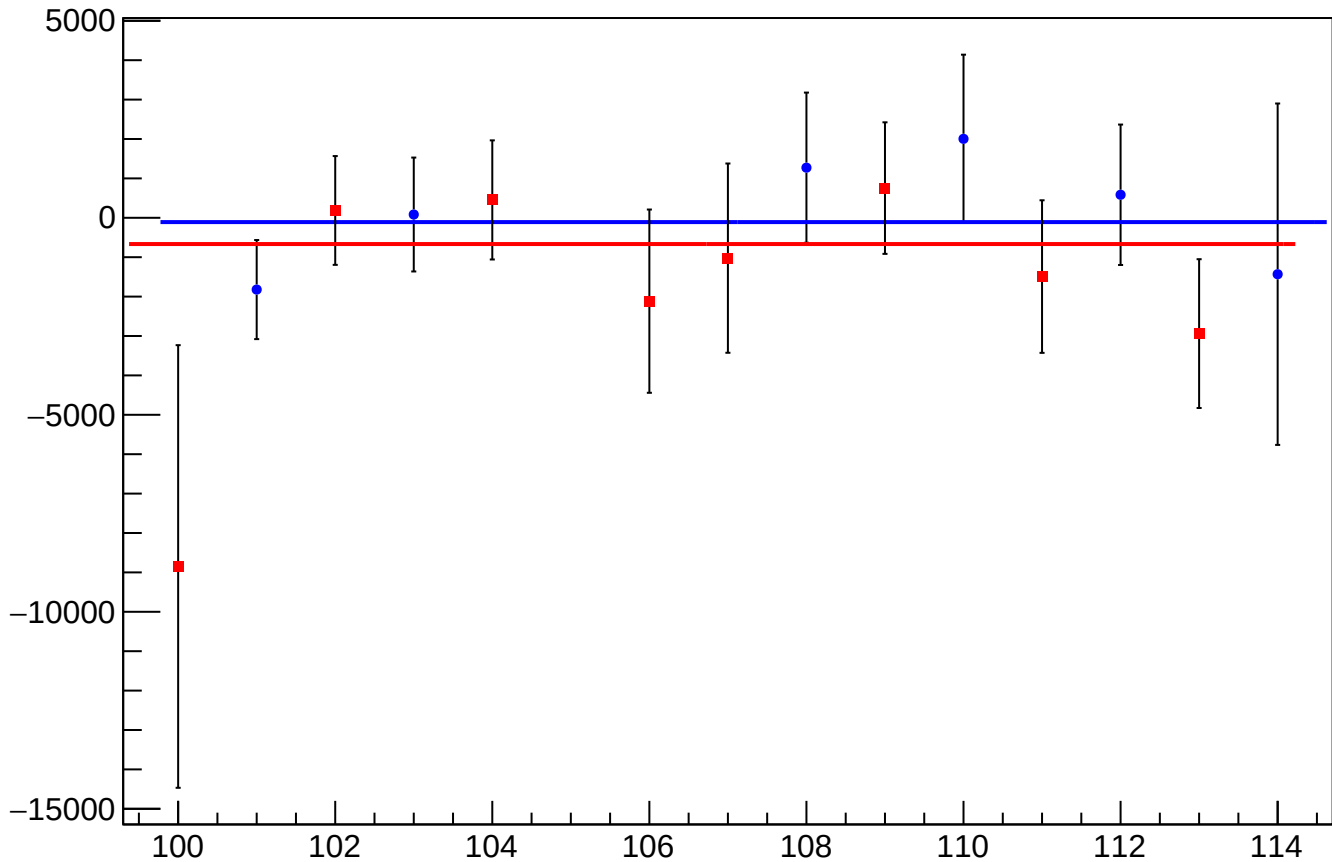
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.822+/-0.043 χ^2/NDF : 42217.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -109.038+/-711.770 χ^2/NDF : 3.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -666.232+/-665.449 χ^2/NDF : 5.8/7

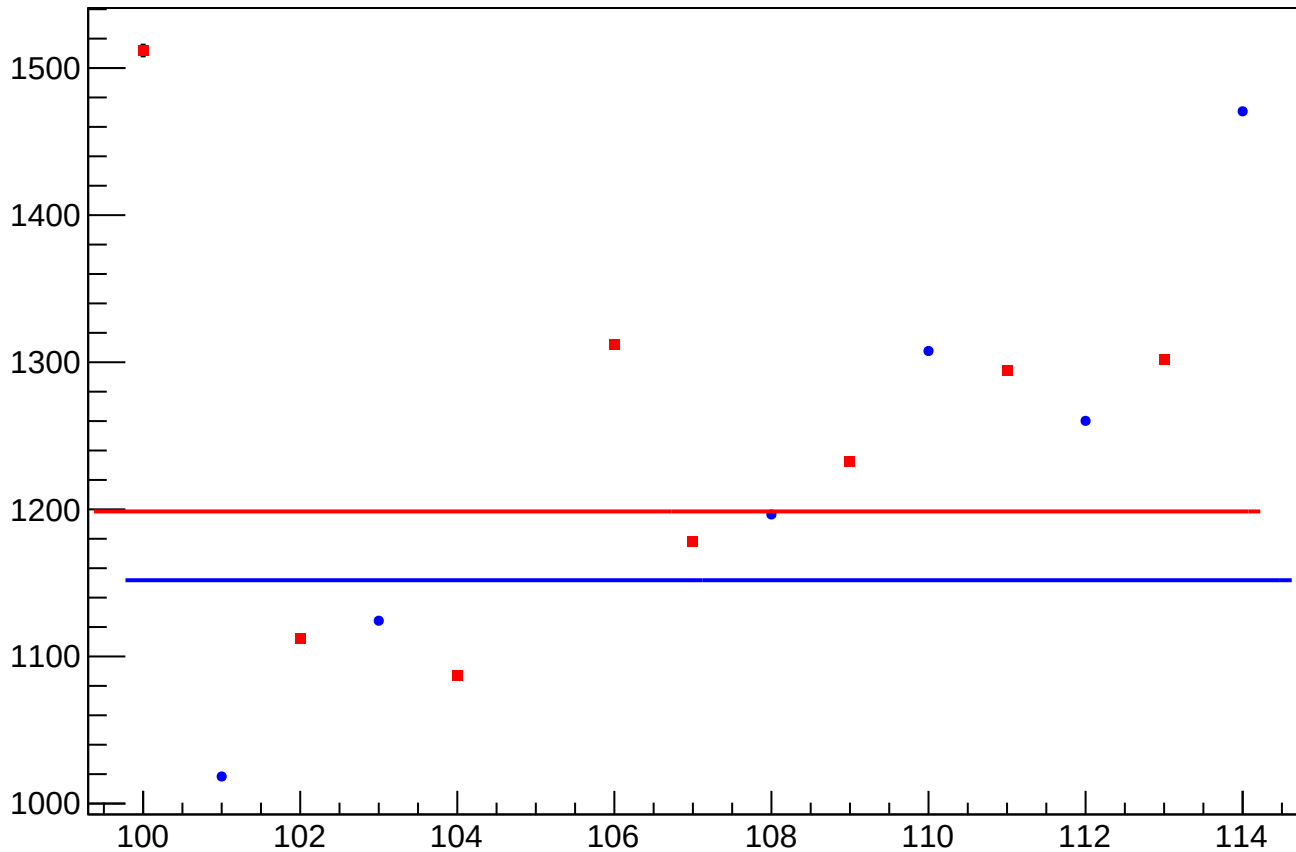
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.354+/-486.095 χ^2/NDF : 9.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 1151.819+/-0.503 χ^2/NDF : 53207.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.575+/-0.471 χ^2/NDF : 41524.2/7

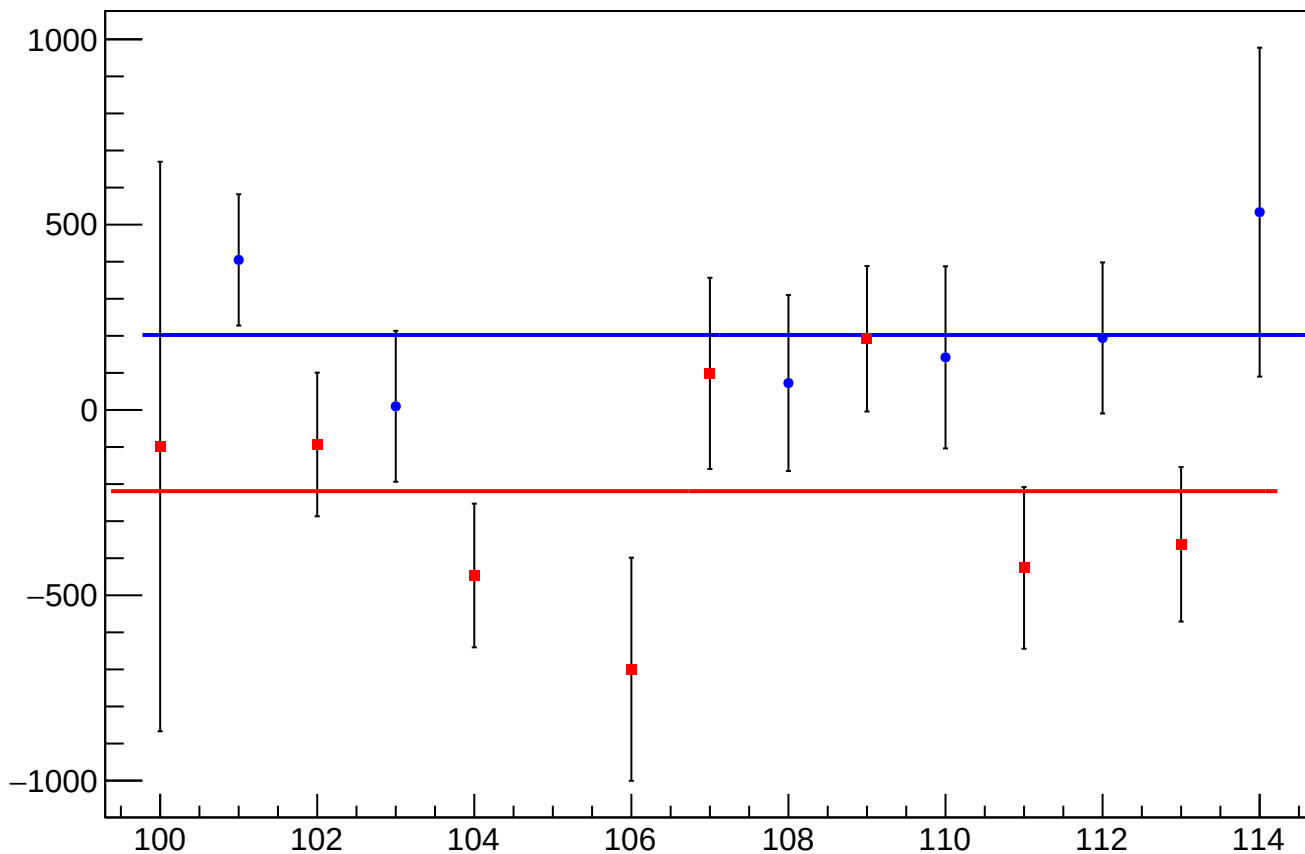
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.768+/-0.344 χ^2/NDF : 99336.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 202.350 $\pm$ 91.484 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -219.067 $\pm$ 81.372 χ^2 /NDF: 11.7/7

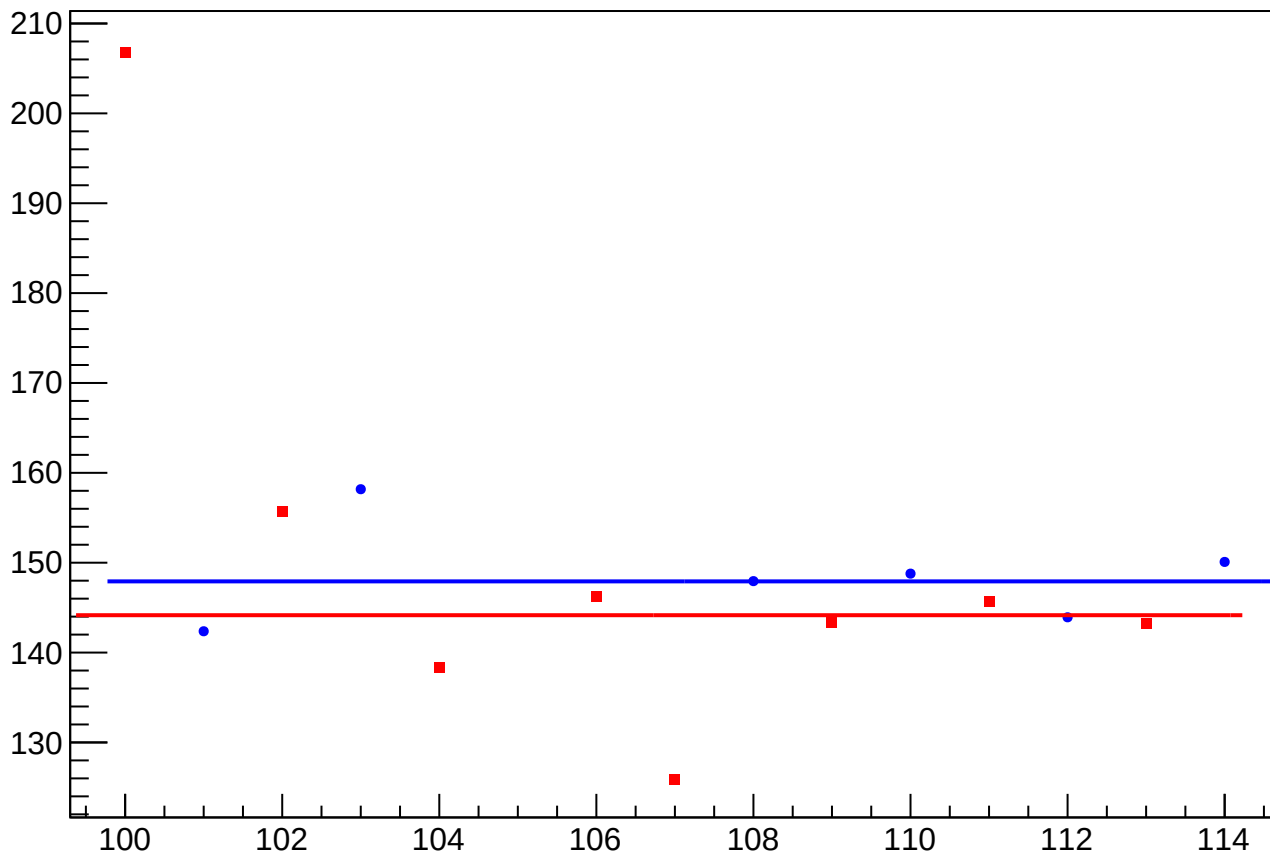
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.928 $\pm$ 60.801 χ^2 /NDF: 26.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 147.923+/-0.065 χ^2/NDF : 7880.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.158+/-0.058 χ^2/NDF : 32445.4/7

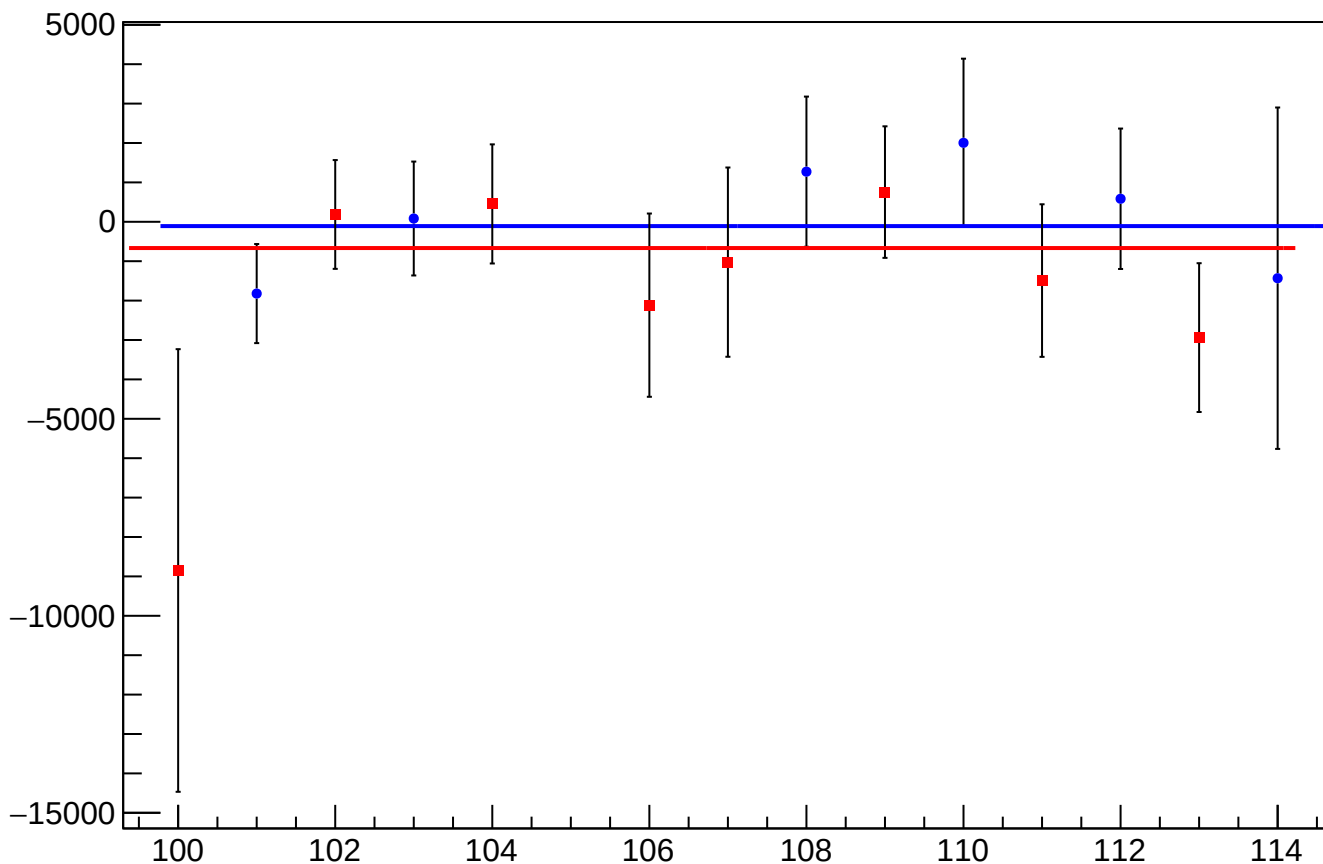
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.821+/-0.043 χ^2/NDF : 42216.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



Right In: -109.038+/-711.768 χ^2/NDF : 3.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -666.230+/-665.447 χ^2/NDF : 5.8/7

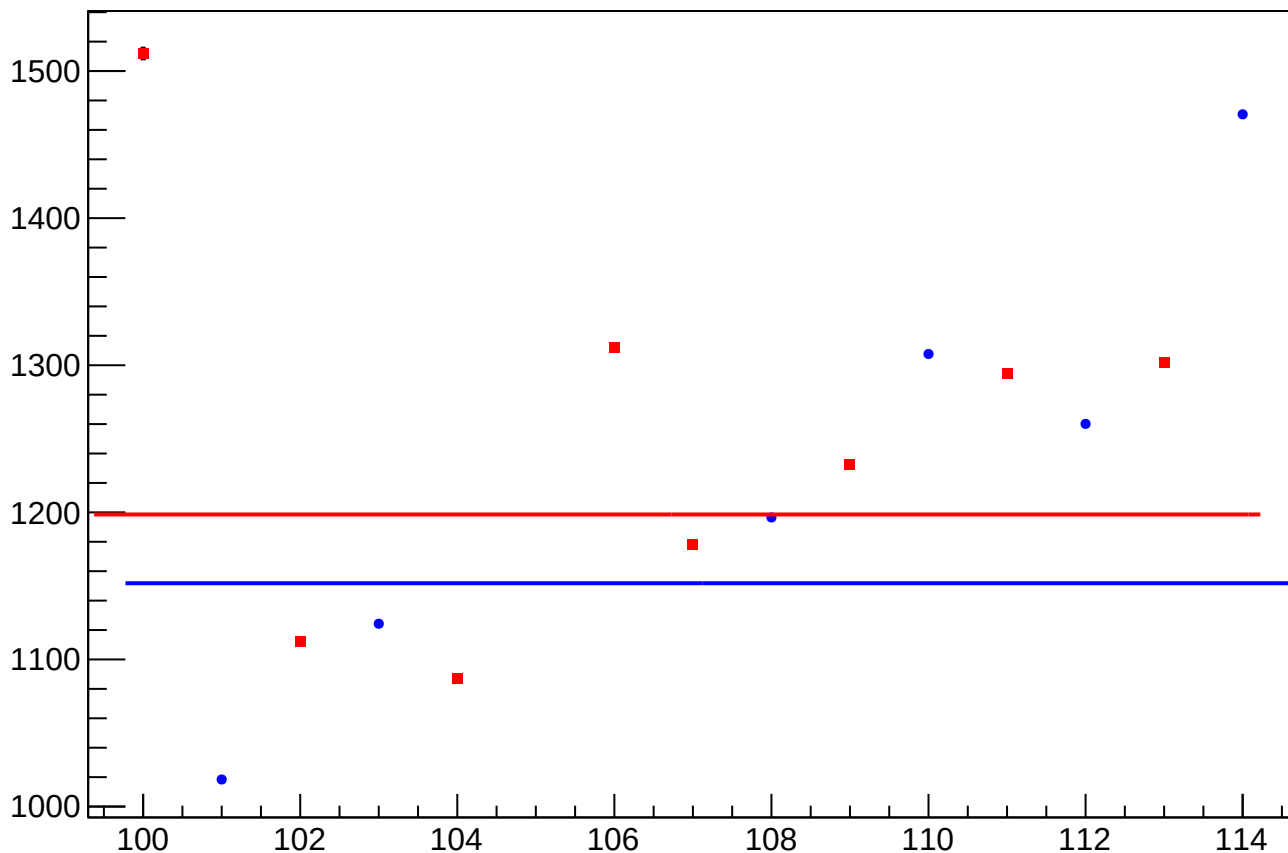
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.353+/-486.093 χ^2/NDF : 9.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



Right In: 1151.816+/-0.503 χ^2/NDF : 53205.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.571+/-0.471 χ^2/NDF : 41524.0/7

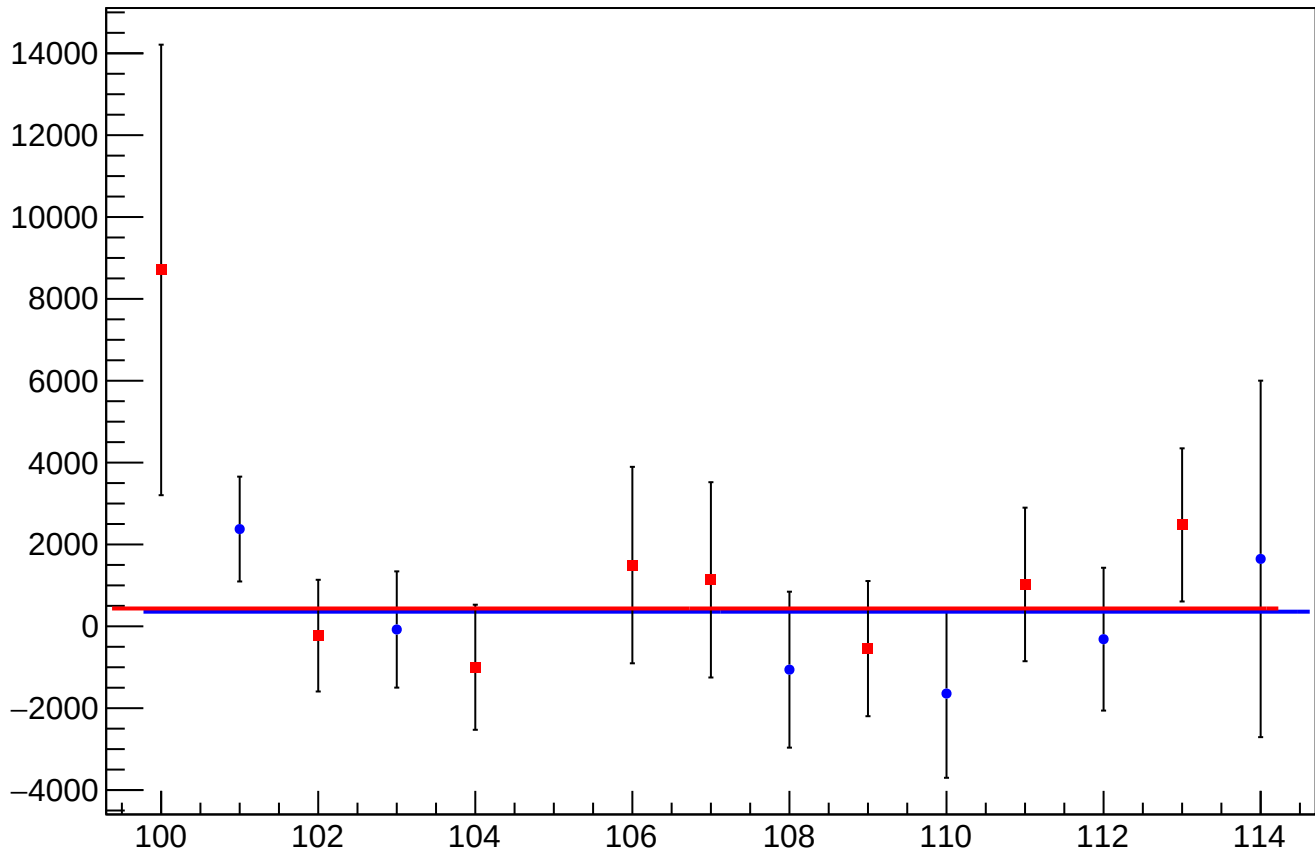
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.764+/-0.344 χ^2/NDF : 99334.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 357.775 $\pm$ 707.399 χ^2 /NDF: 4.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 435.822 $\pm$ 661.654 χ^2 /NDF: 5.3/7

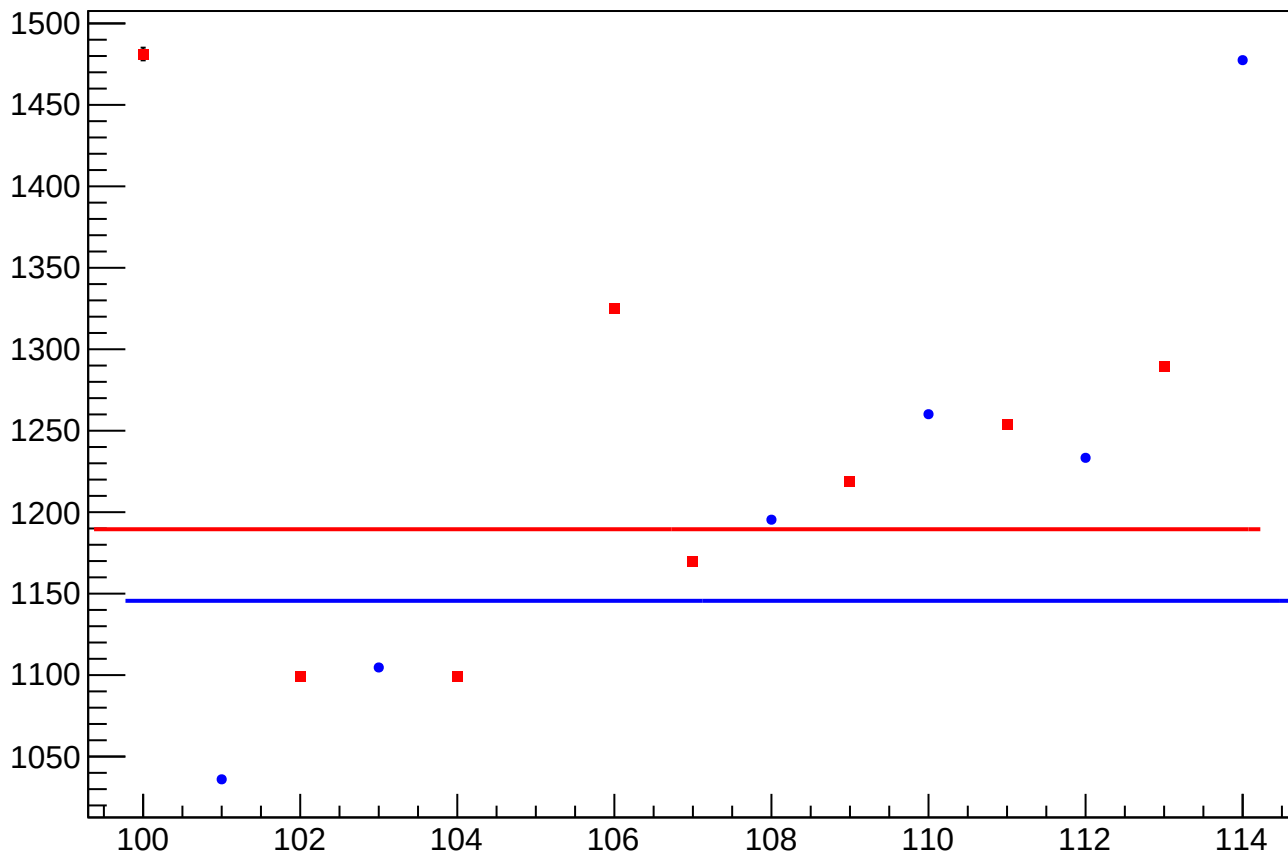
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 399.404 $\pm$ 483.223 χ^2 /NDF: 9.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 1145.594 $\pm$ 0.500 χ^2 /NDF: 40538.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1189.530 $\pm$ 0.468 χ^2 /NDF: 36571.9/7

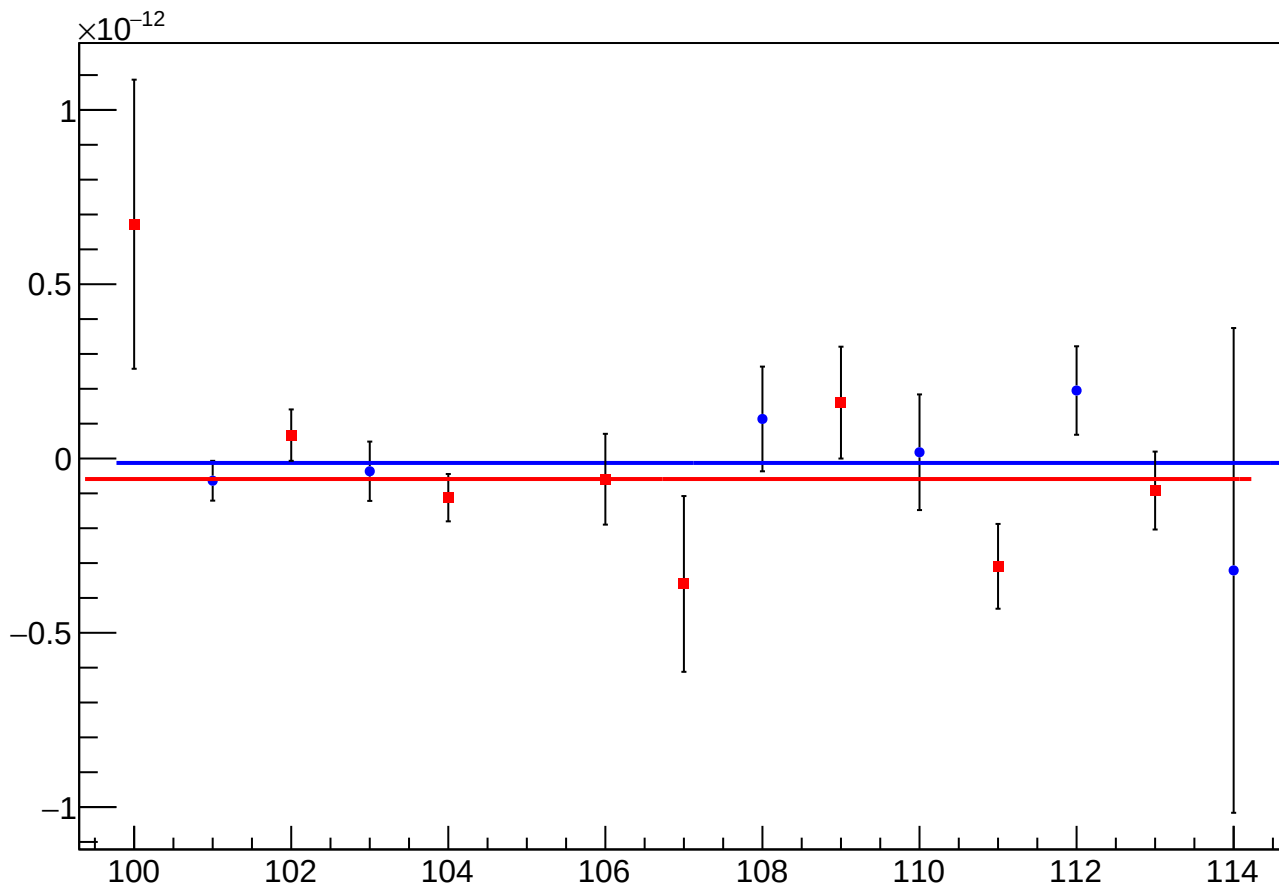
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1169.028 $\pm$ 0.342 χ^2 /NDF: 81225.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/7

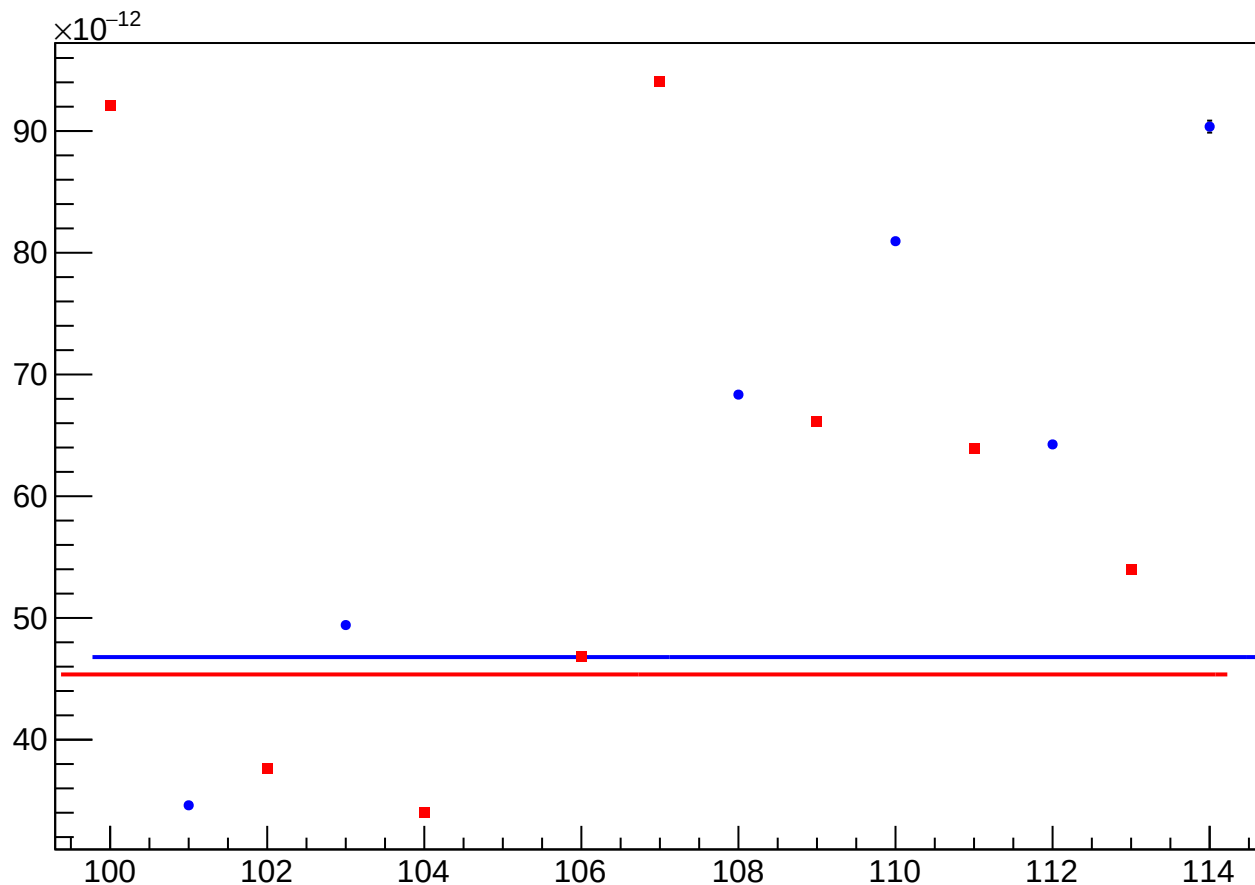
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 264664.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 270163.1/7

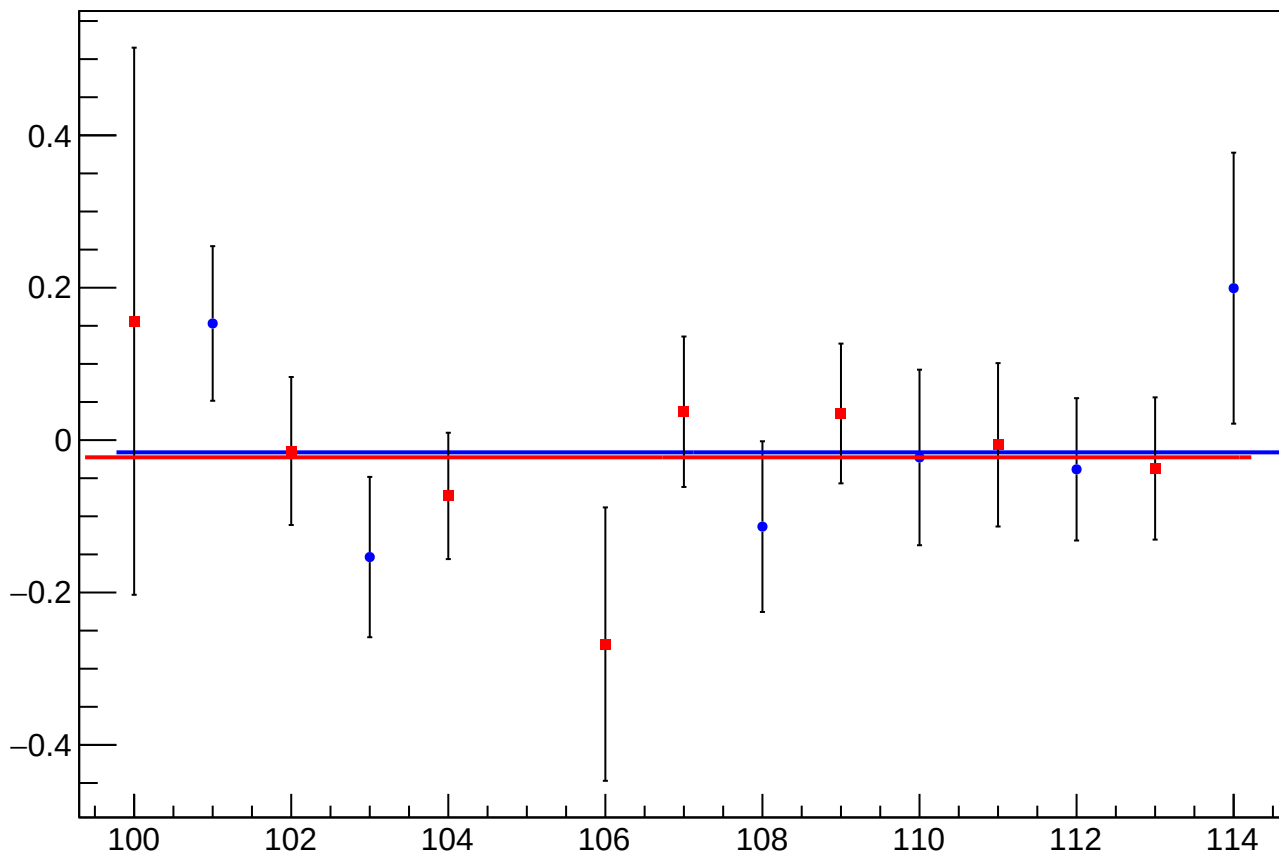
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 536101.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.045 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.023 $\pm$ 0.037 χ^2 /NDF: 3.3/7

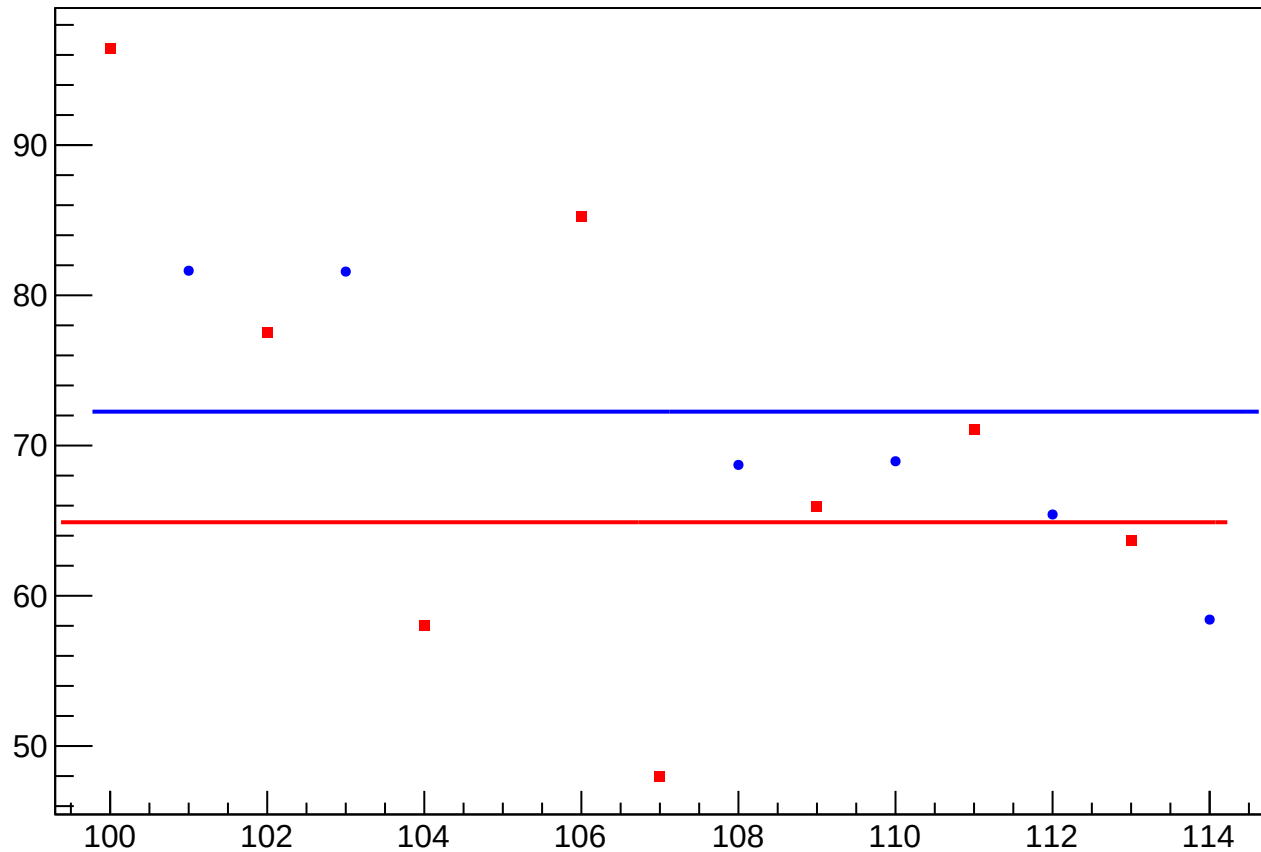
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.029 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 72.256+/-0.032 χ^2/NDF : 59315.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.895+/-0.026 χ^2/NDF : 155035.2/7

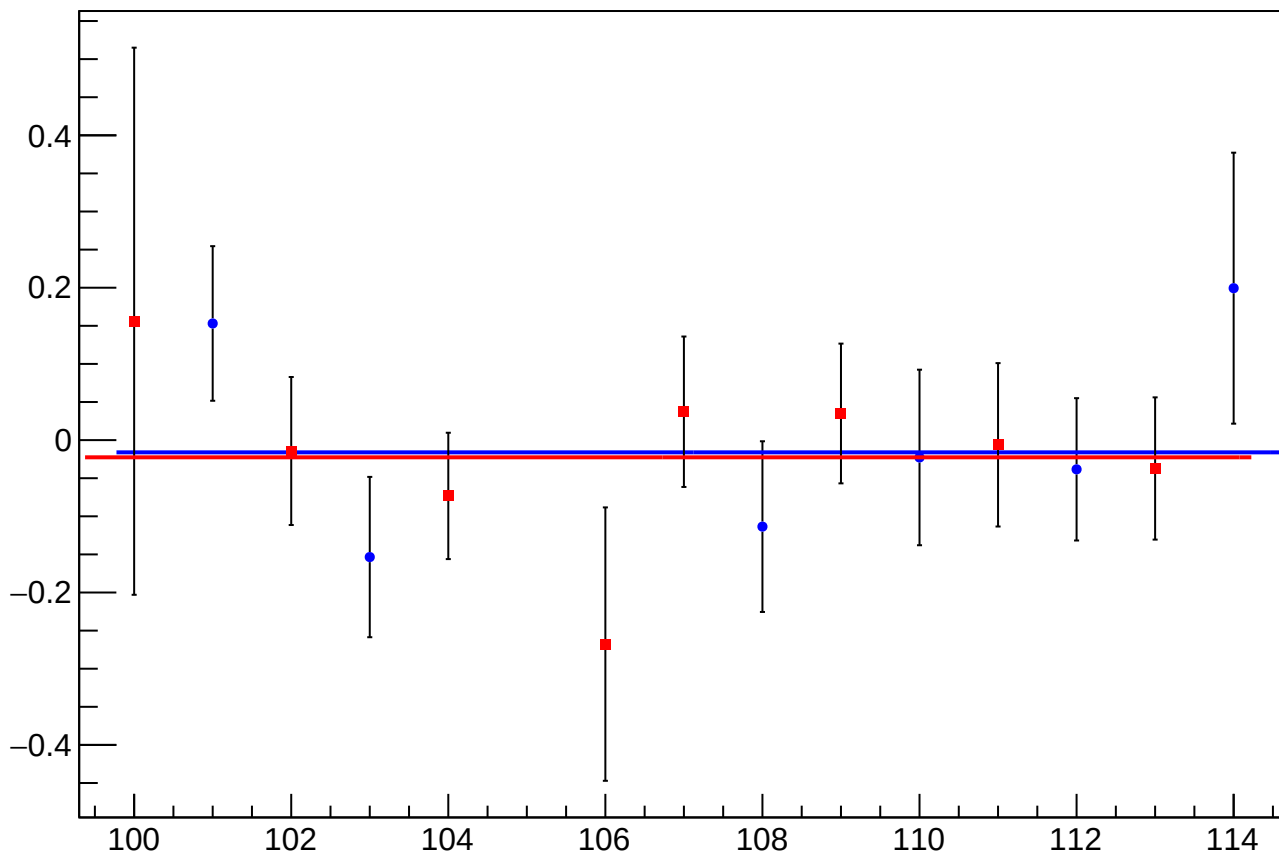
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.888+/-0.020 χ^2/NDF : 245794.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.045 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.023 $\pm$ 0.037 χ^2 /NDF: 3.3/7

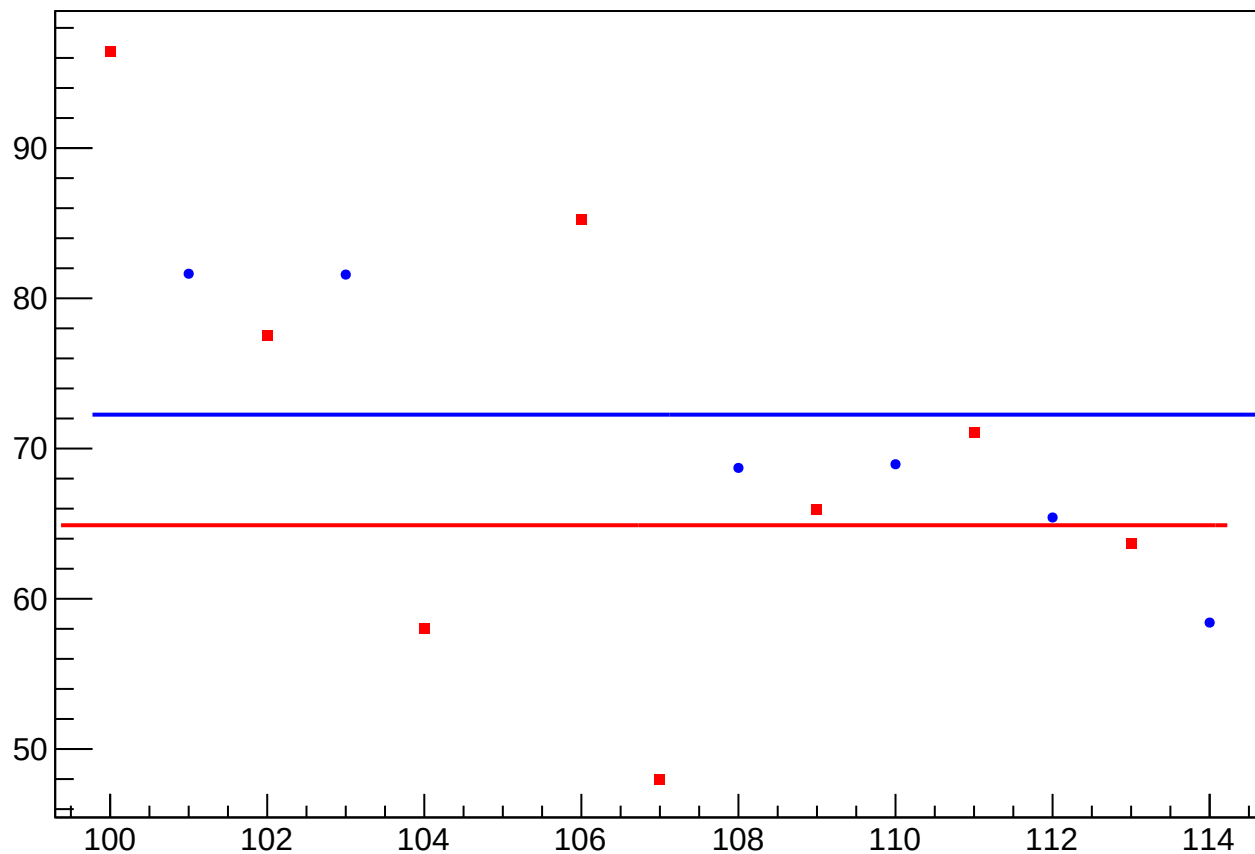
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.029 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 72.256+/-0.032 χ^2/NDF : 59315.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.895+/-0.026 χ^2/NDF : 155035.2/7

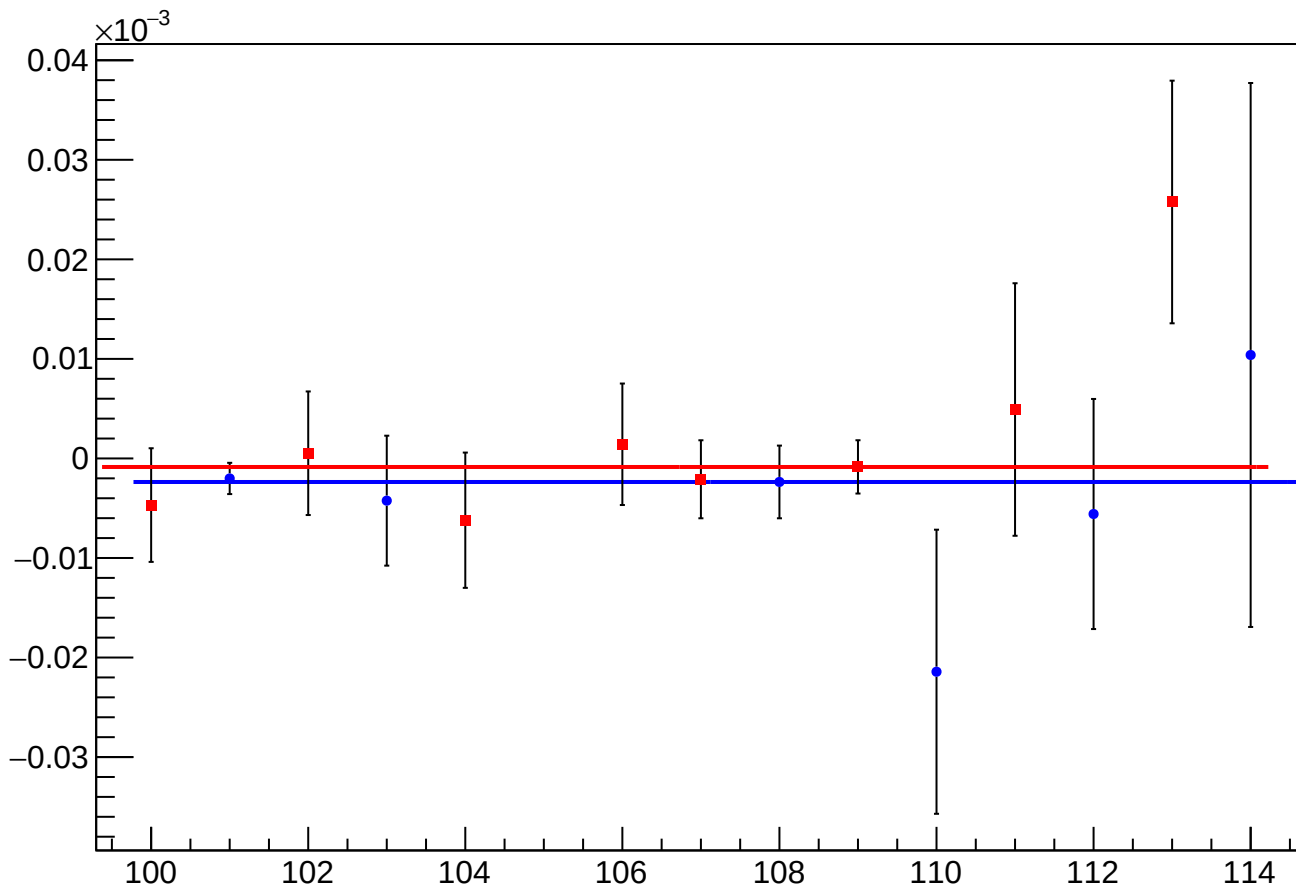
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.888+/-0.020 χ^2/NDF : 245794.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.3/7

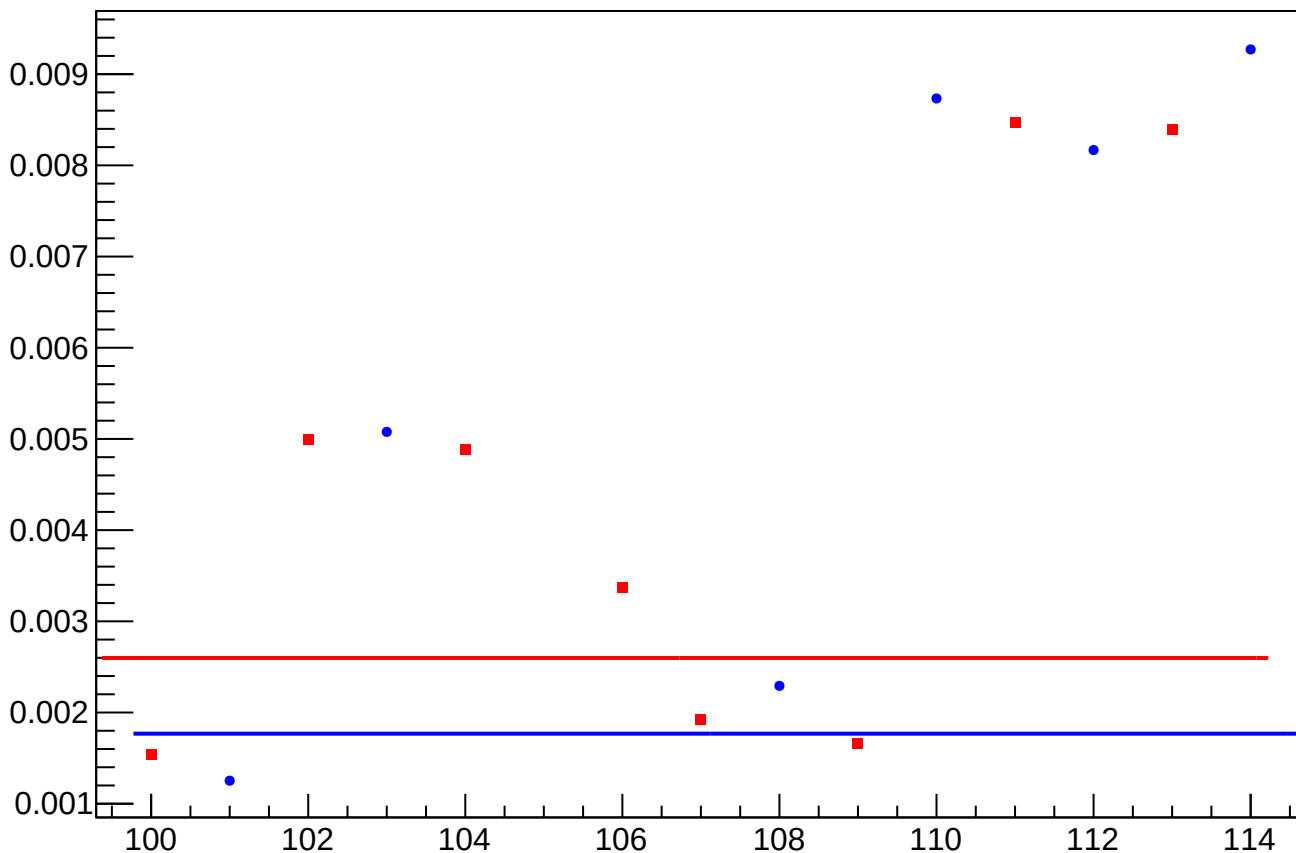
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2011817.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 1814866.1/7

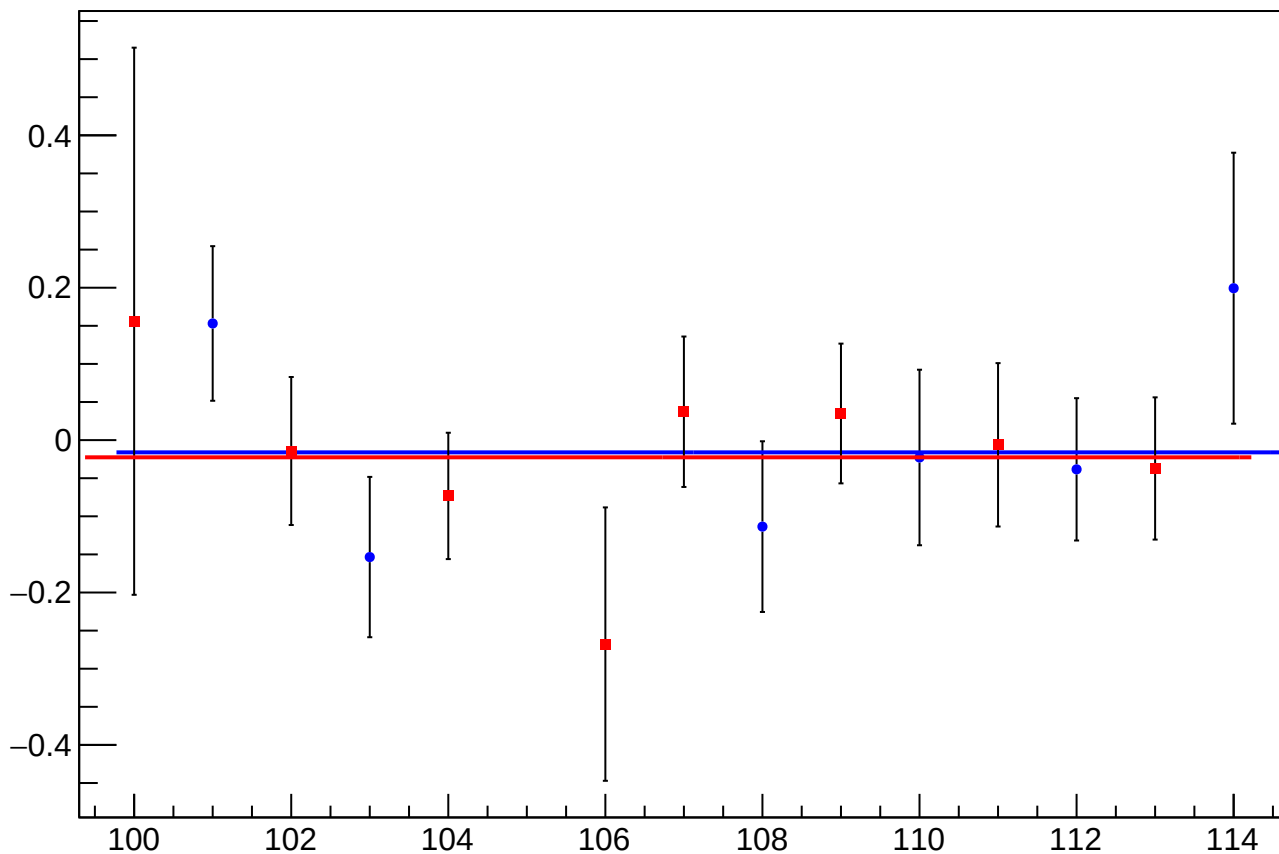
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 4100806.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.045 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.023 $\pm$ 0.037 χ^2 /NDF: 3.3/7

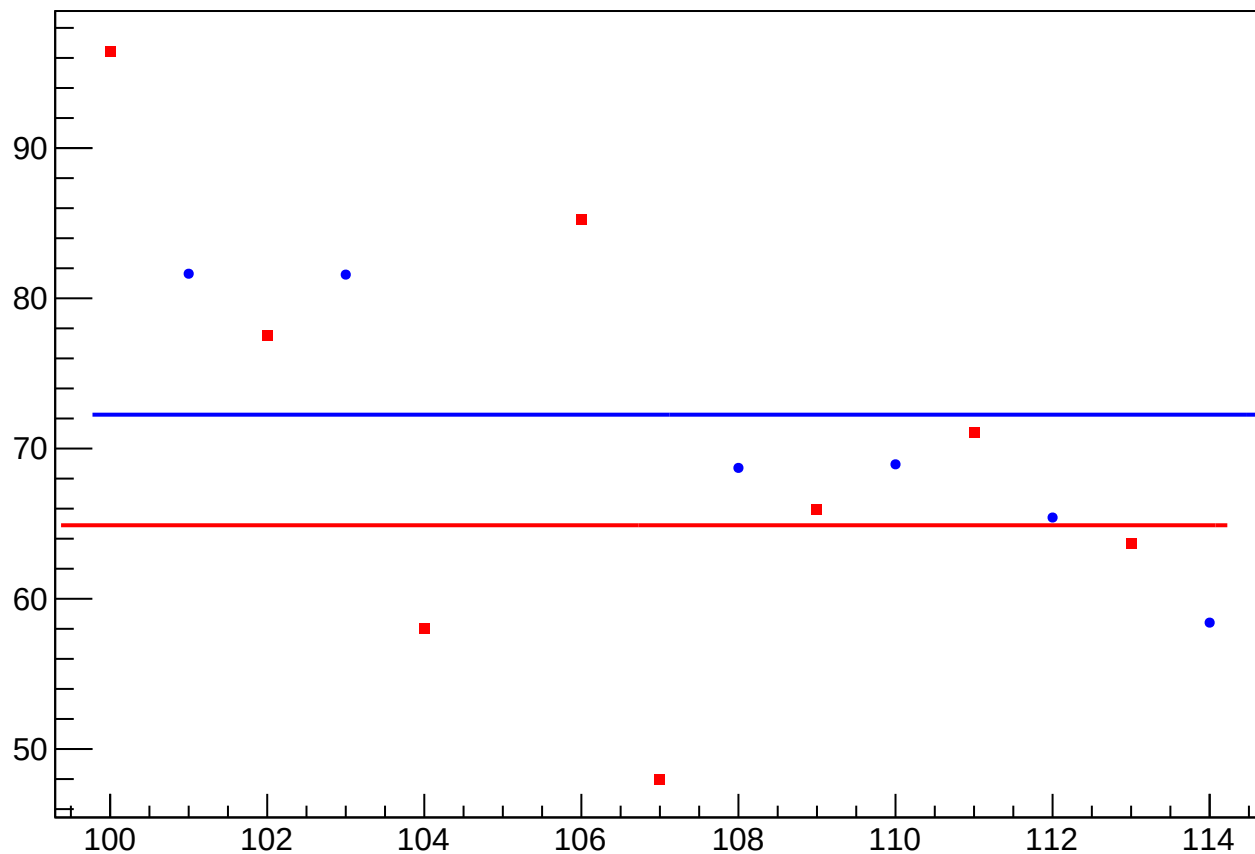
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.029 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 72.255+/-0.032 χ^2/NDF : 59329.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.894+/-0.026 χ^2/NDF : 155024.6/7

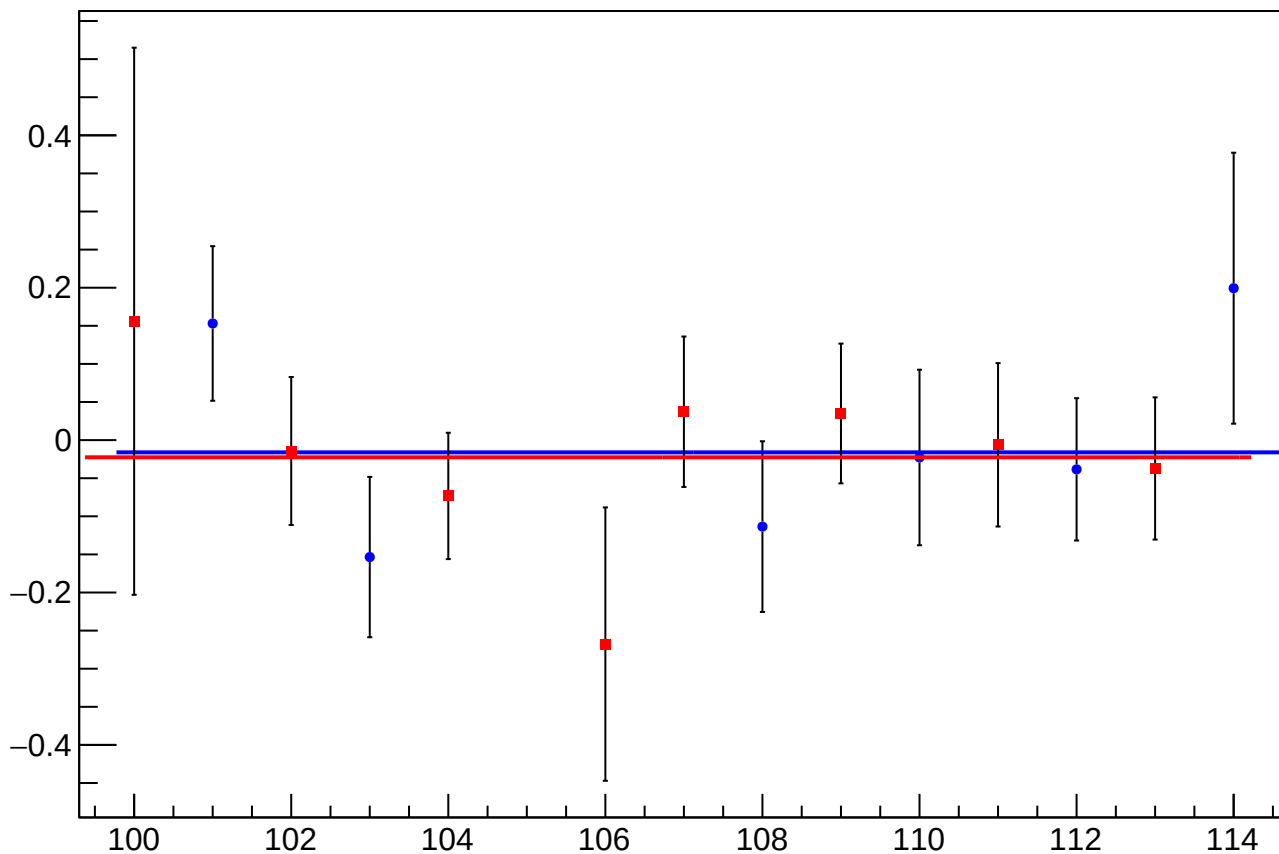
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.886+/-0.020 χ^2/NDF : 245794.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.045 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.023 $\pm$ 0.037 χ^2 /NDF: 3.3/7

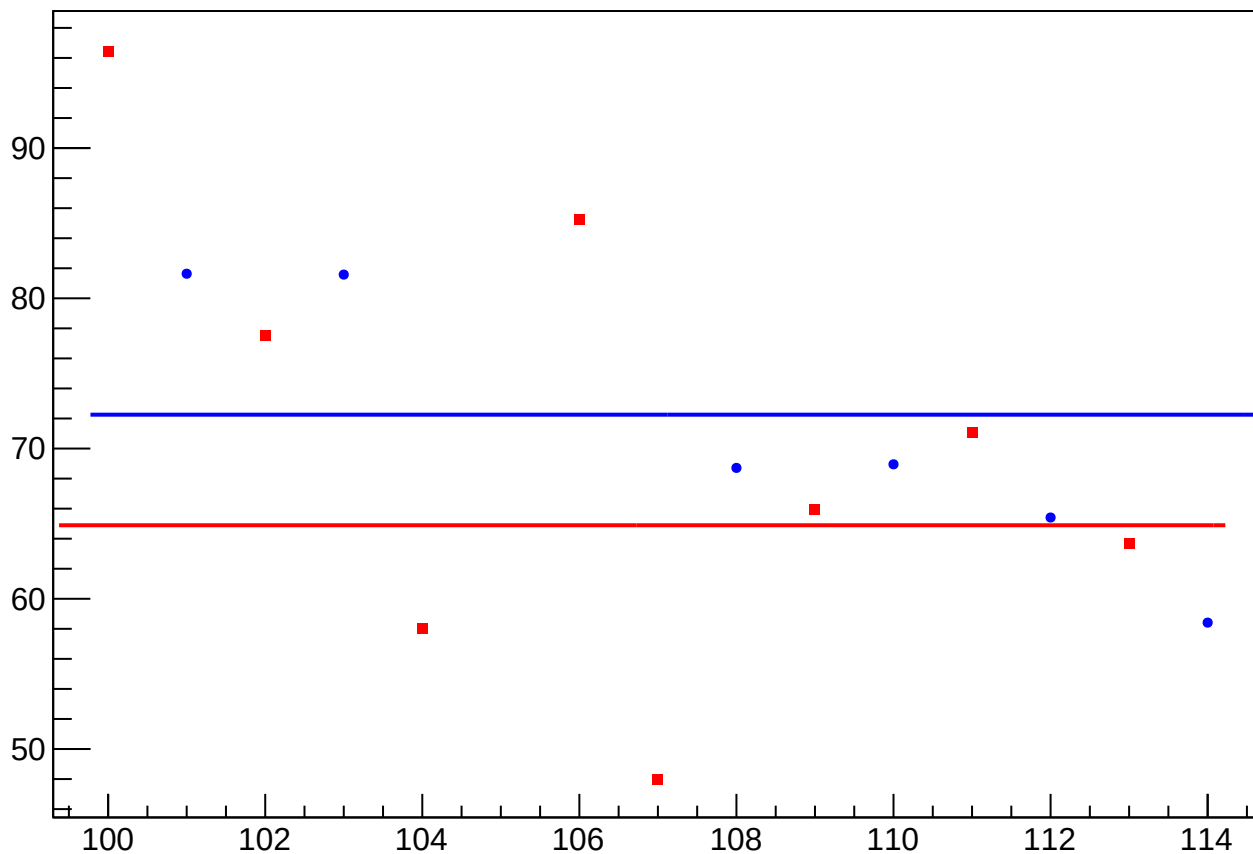
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.029 χ^2 /NDF: 10.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 72.255+/-0.032 χ^2/NDF : 59329.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.894+/-0.026 χ^2/NDF : 155024.6/7

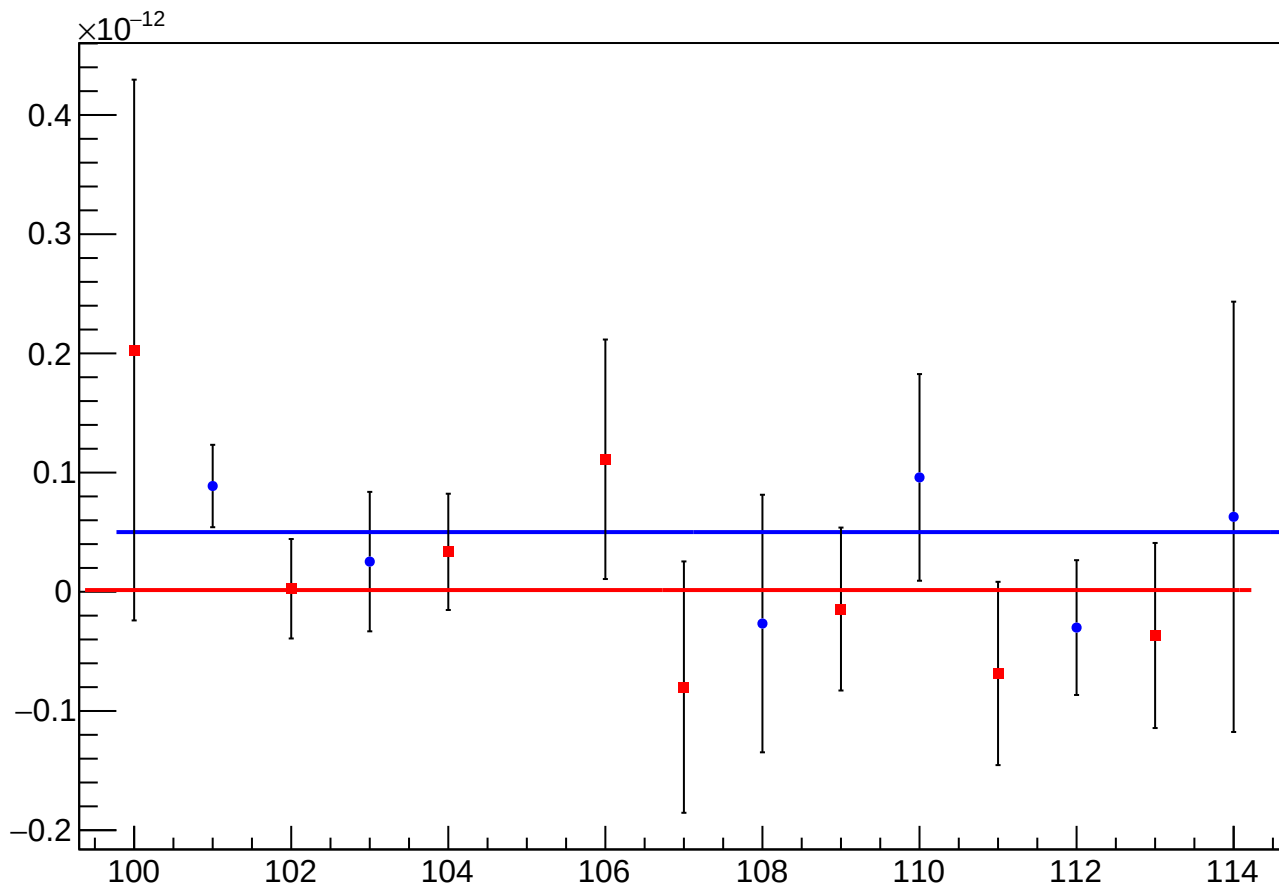
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.886+/-0.020 χ^2/NDF : 245794.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/7

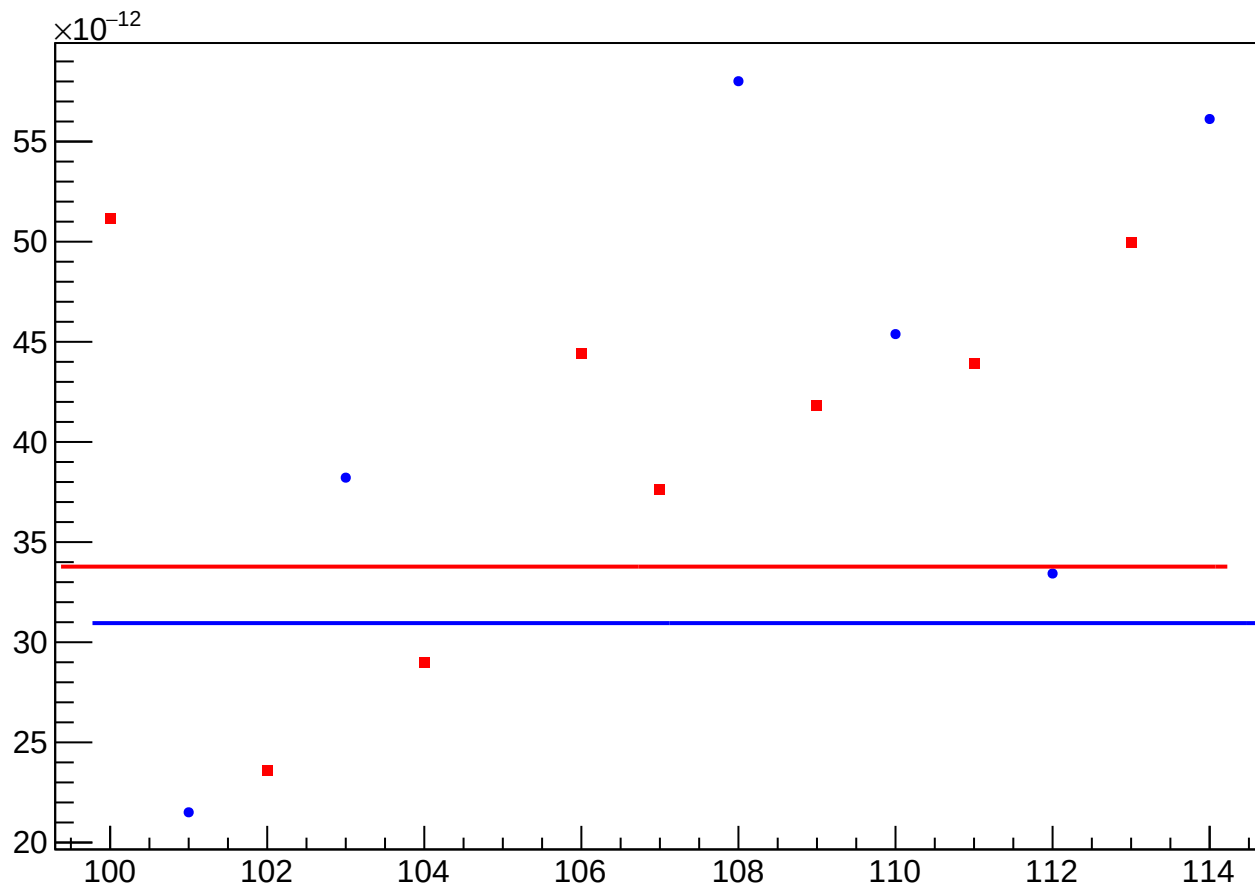
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 403869.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 324783.1/7

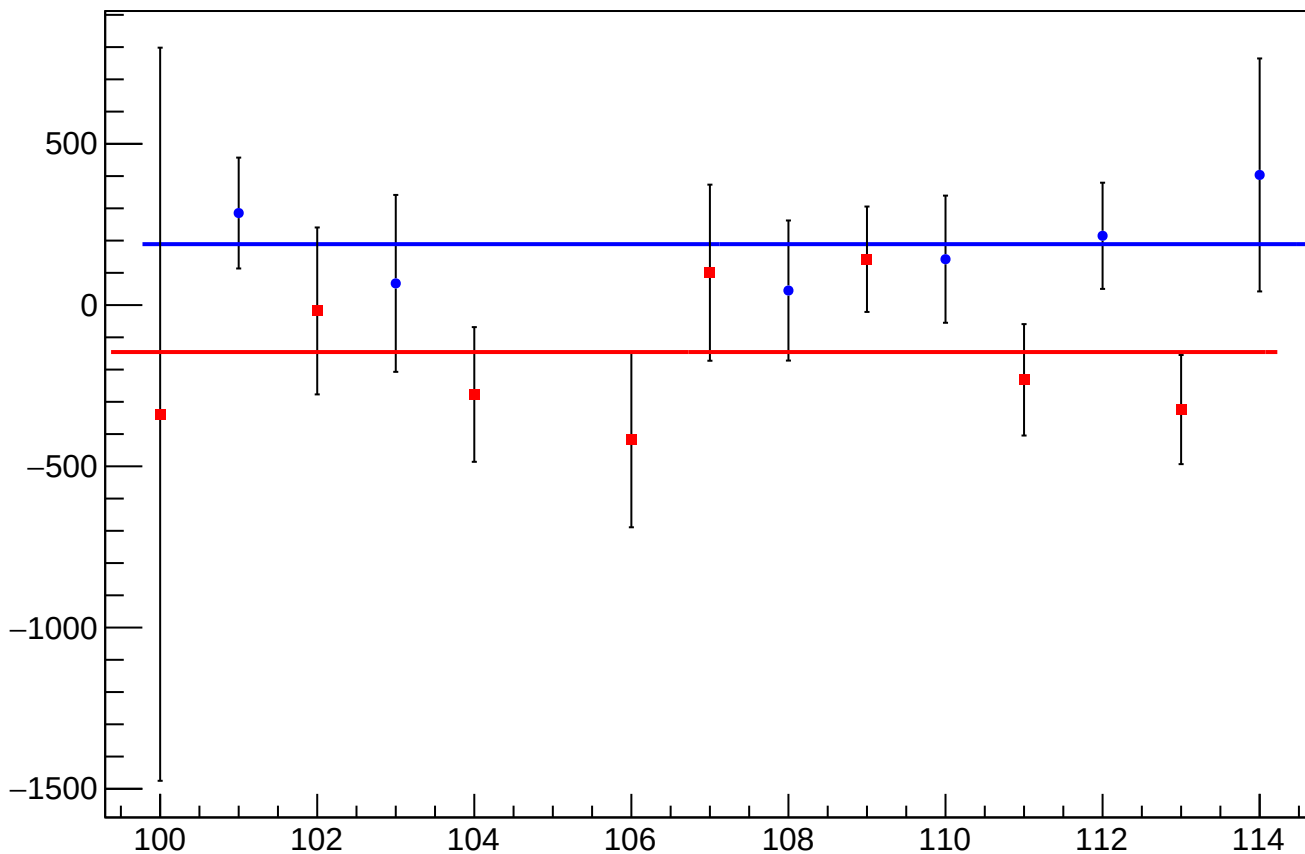
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 742350.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 188.951 ± 84.947 χ^2/NDF : 1.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -145.616 ± 76.360 χ^2/NDF : 6.9/7

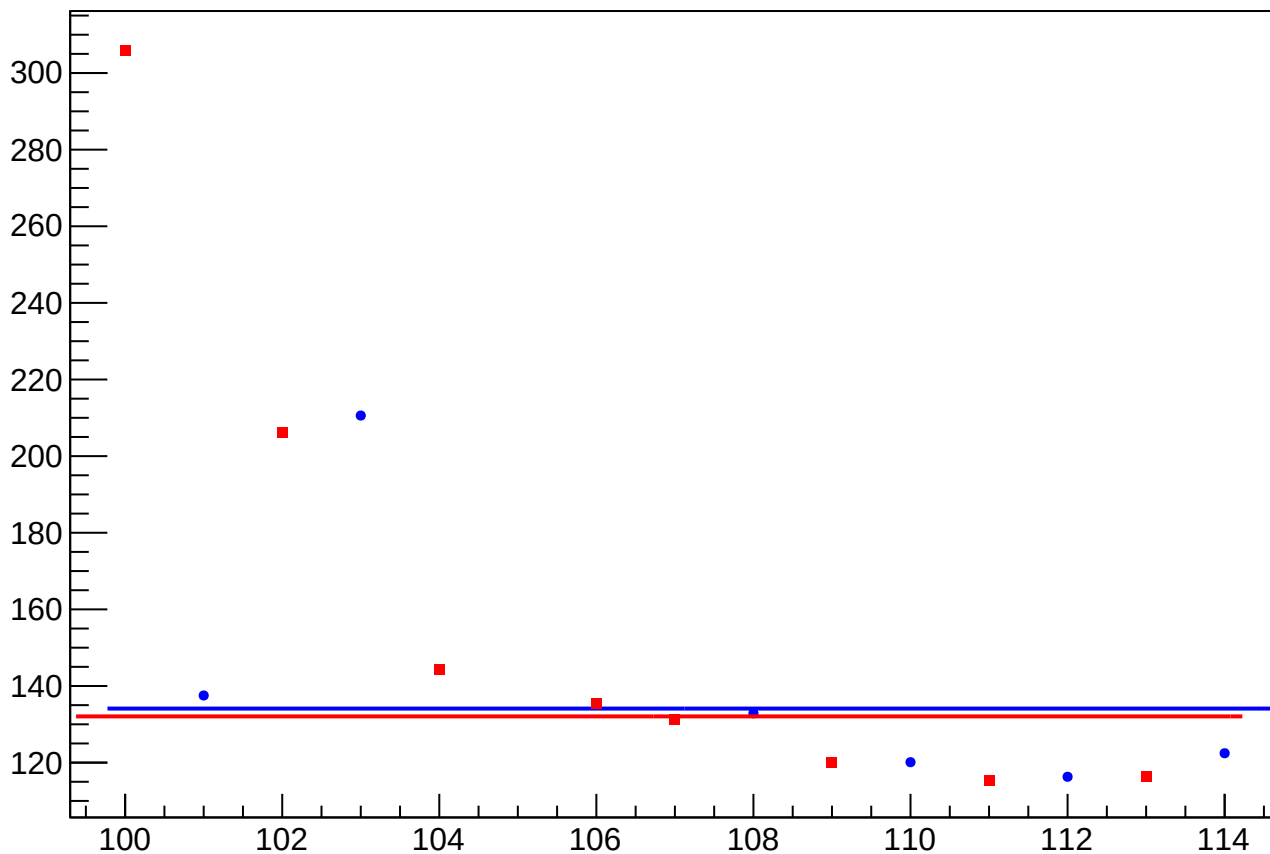
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.906 ± 56.788 χ^2/NDF : 16.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 134.107 $\pm$ 0.060 χ^2 /NDF: 191876.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.063 $\pm$ 0.054 χ^2 /NDF: 264241.8/7

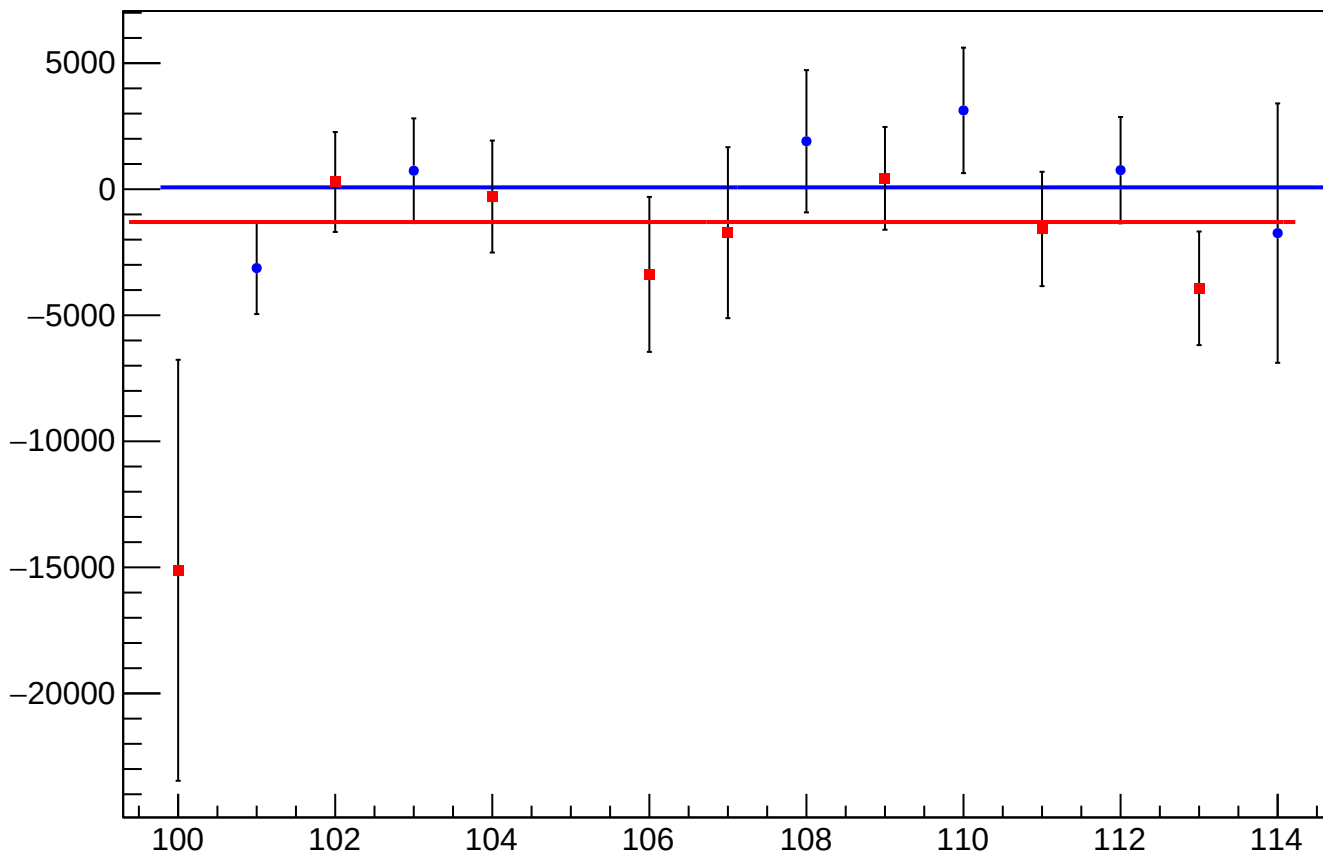
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.977 $\pm$ 0.040 χ^2 /NDF: 456758.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: 73.338 $\pm$ 961.297 χ^2 /NDF: 5.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1301.072 $\pm$ 878.129 χ^2 /NDF: 6.2/7

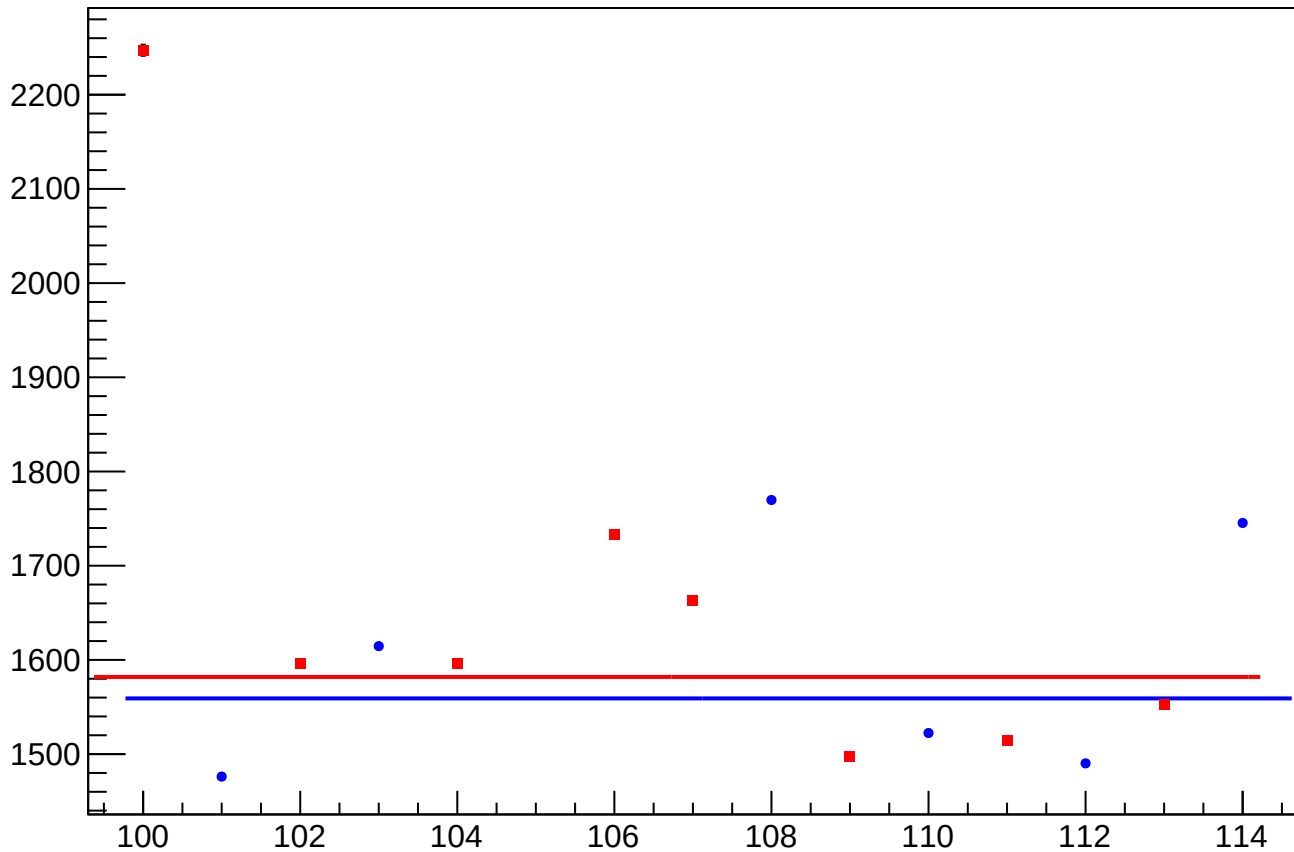
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -675.883 $\pm$ 648.344 χ^2 /NDF: 12.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1559.132 $\pm$ 0.680 χ^2 /NDF: 21902.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1581.906 $\pm$ 0.621 χ^2 /NDF: 24364.2/7

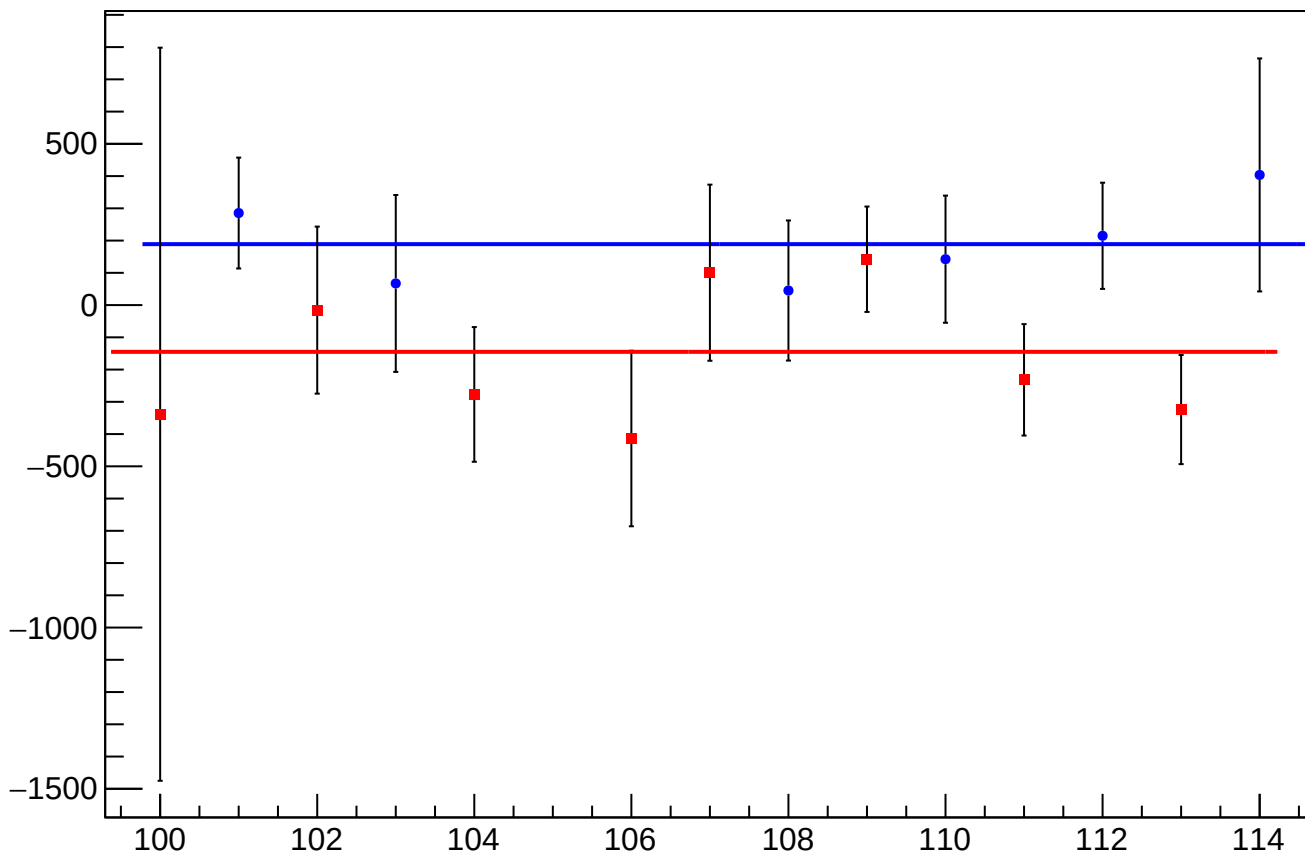
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1571.546 $\pm$ 0.458 χ^2 /NDF: 46879.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 188.933 $\pm$ 84.947 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -144.959 $\pm$ 76.382 χ^2 /NDF: 6.9/7

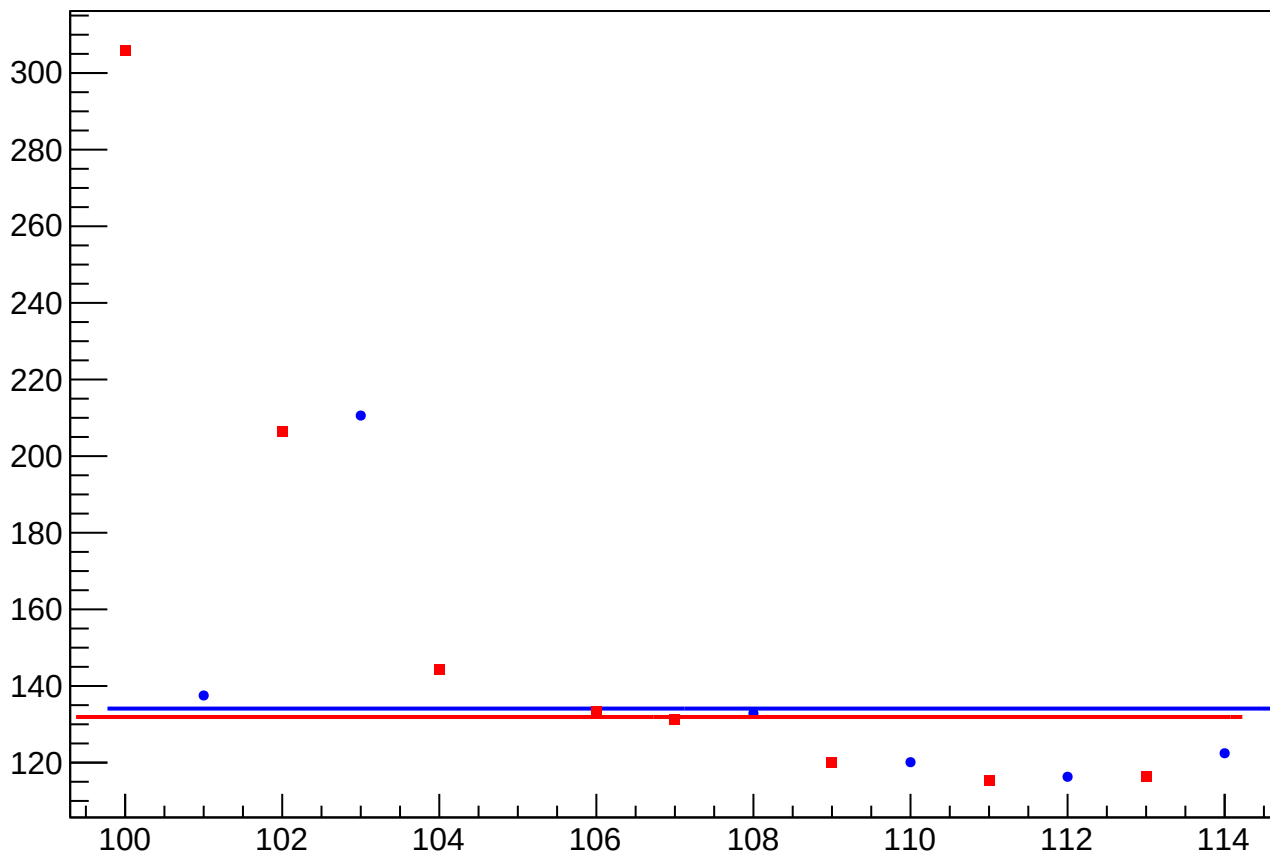
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.310 $\pm$ 56.798 χ^2 /NDF: 16.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 134.107 $\pm$ 0.060 χ^2 /NDF: 191879.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.910 $\pm$ 0.054 χ^2 /NDF: 264304.5/7

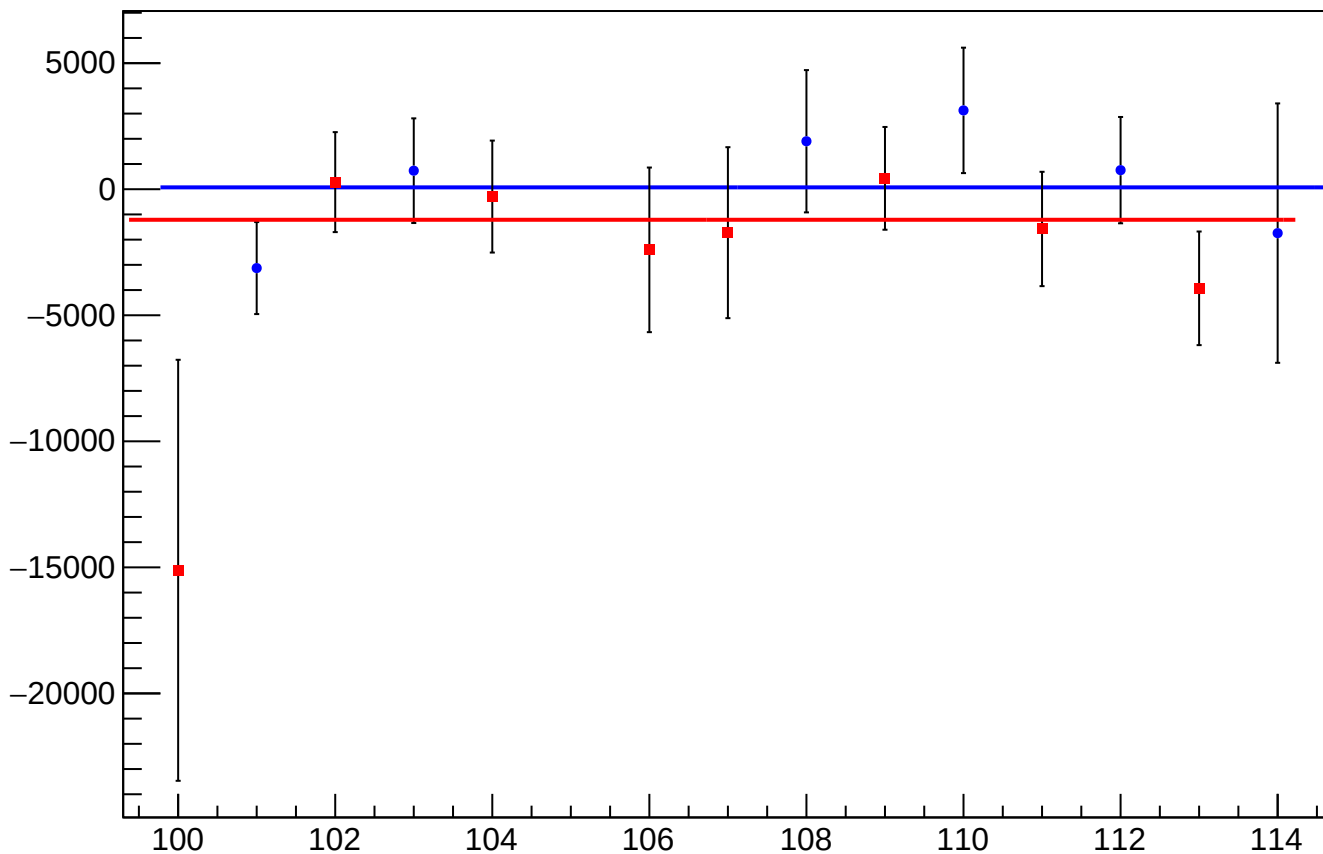
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.892 $\pm$ 0.040 χ^2 /NDF: 456923.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



Right In: 73.525+/-961.312 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1212.132+/-882.364 χ^2/NDF : 5.8/7

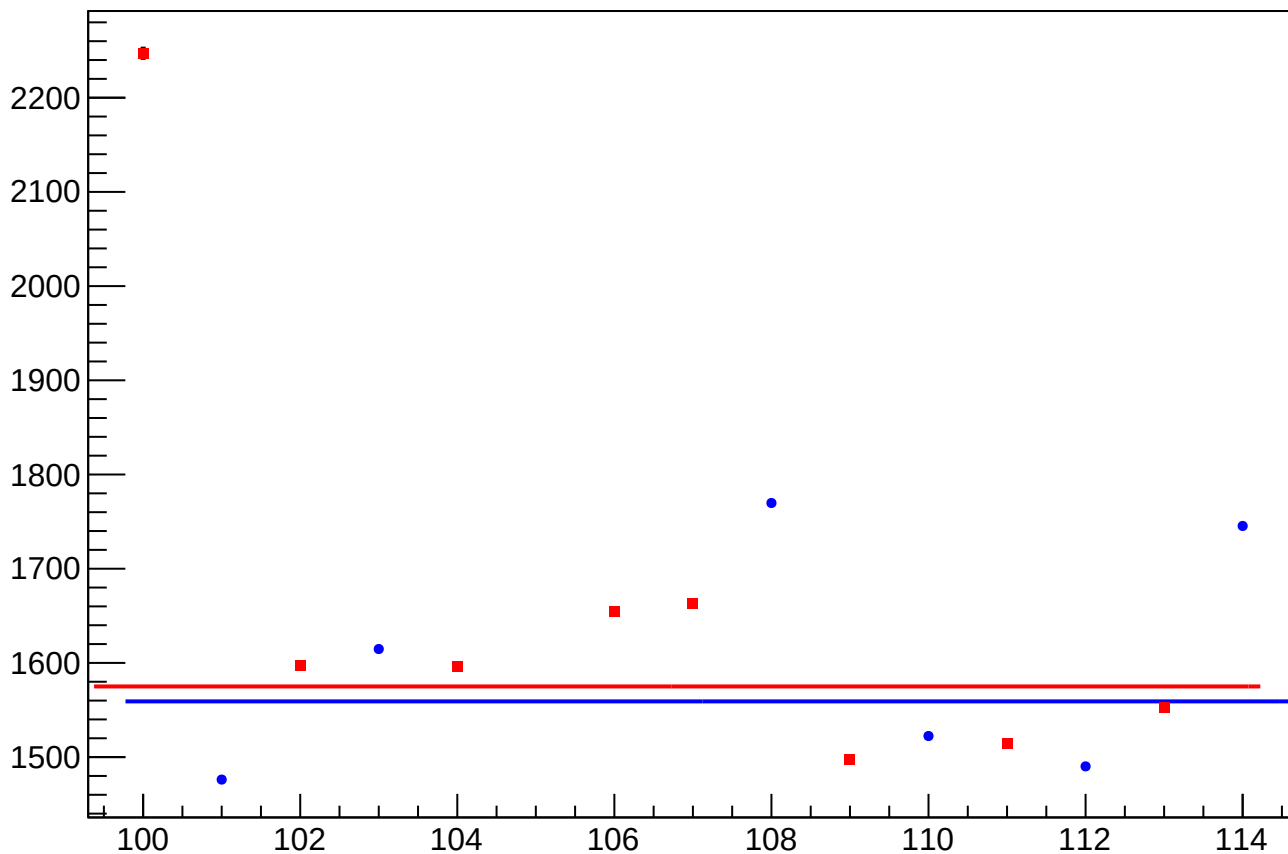
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -624.256+/-650.047 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1559.154+/-0.680 χ^2/NDF : 21908.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.011+/-0.624 χ^2/NDF : 20418.2/7

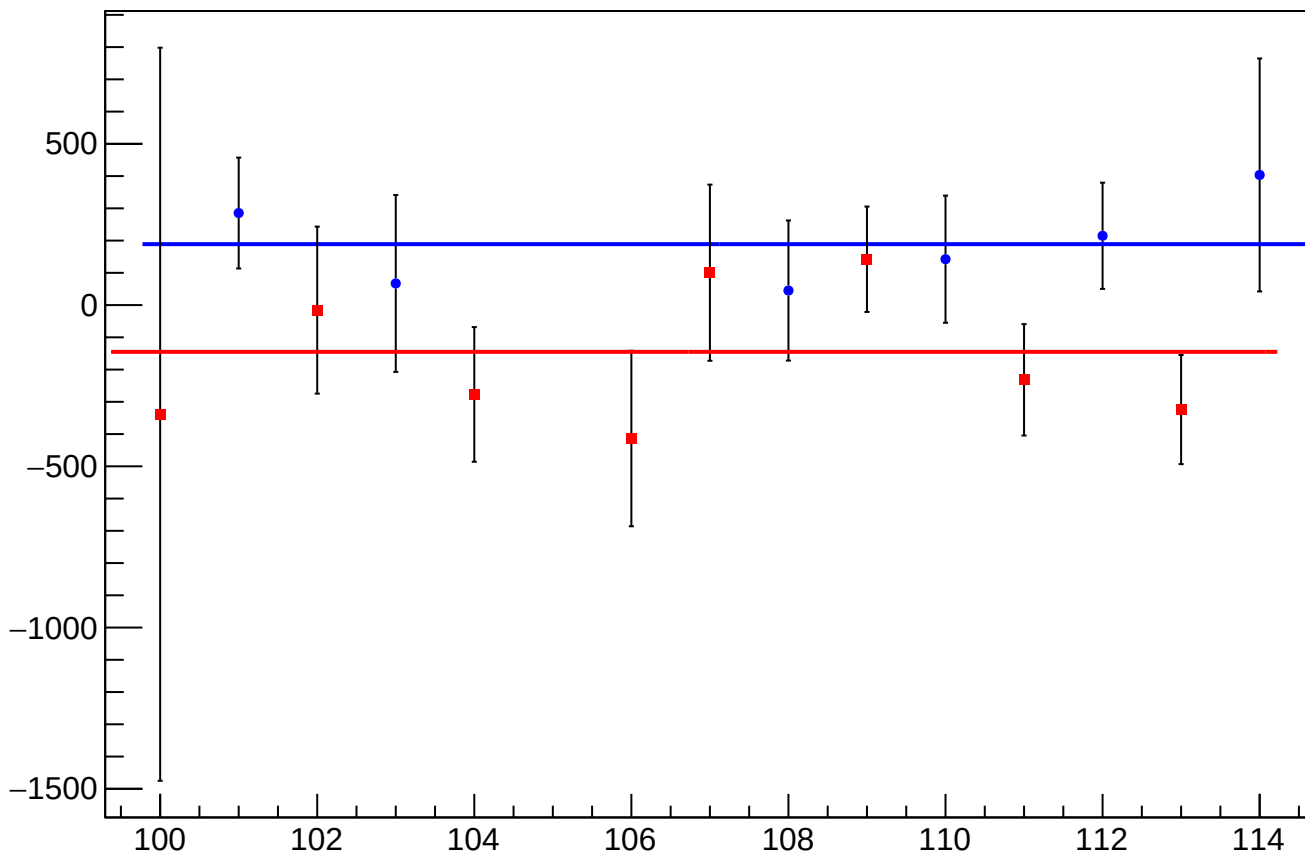
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.760+/-0.460 χ^2/NDF : 42621.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 188.933 $\pm$ 84.947 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -144.959 $\pm$ 76.382 χ^2 /NDF: 6.9/7

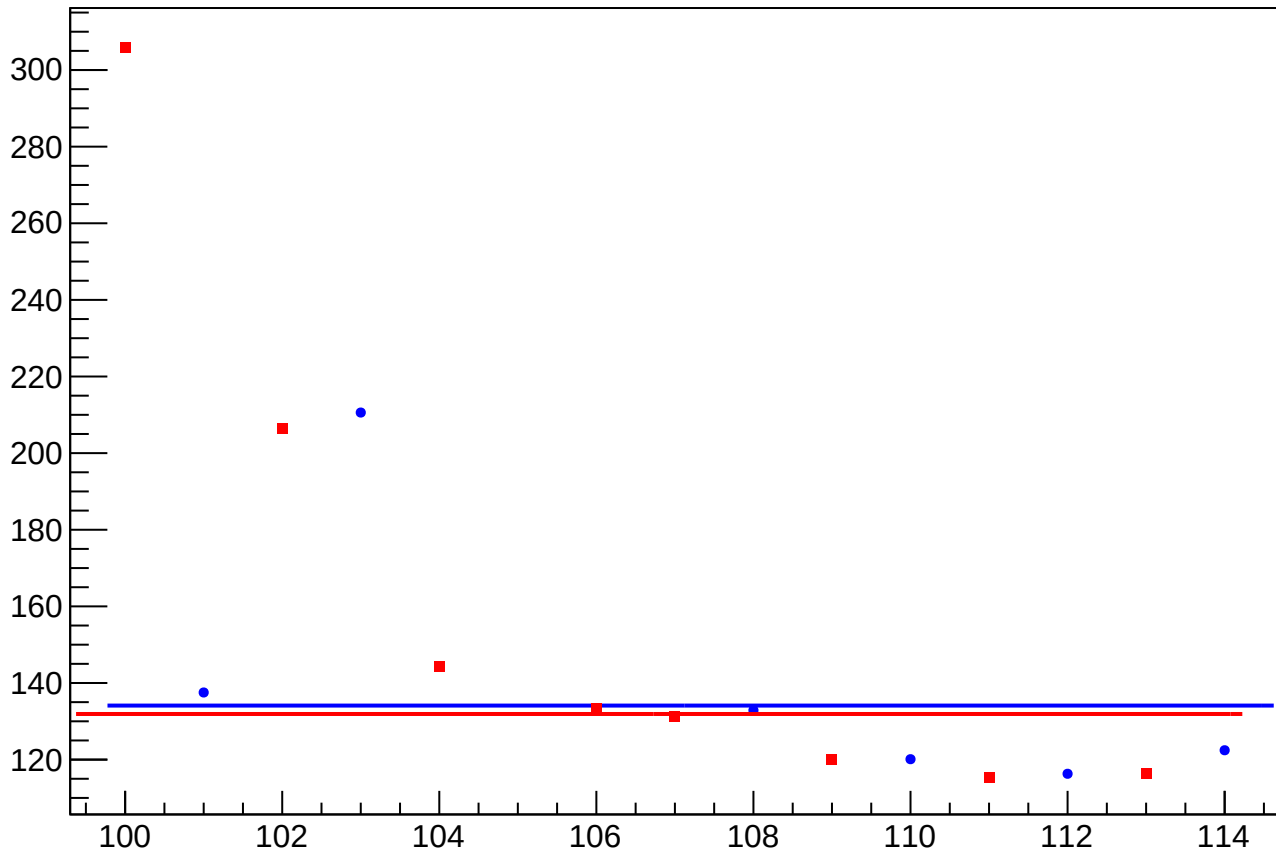
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.310 $\pm$ 56.798 χ^2 /NDF: 16.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 134.107 $\pm$ 0.060 χ^2 /NDF: 191879.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.910 $\pm$ 0.054 χ^2 /NDF: 264304.5/7

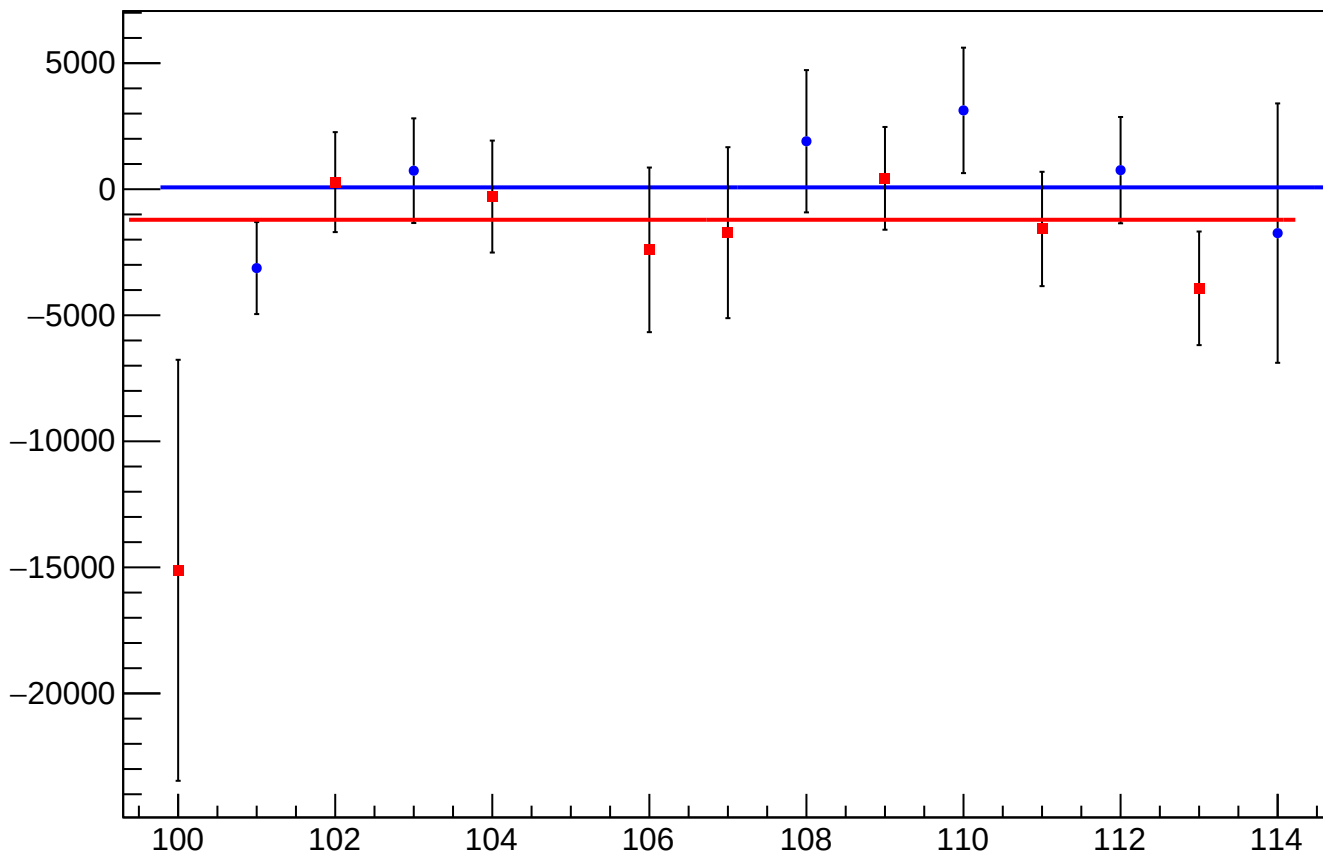
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.892 $\pm$ 0.040 χ^2 /NDF: 456923.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



Right In: 73.525+/-961.312 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1212.132+/-882.364 χ^2/NDF : 5.8/7

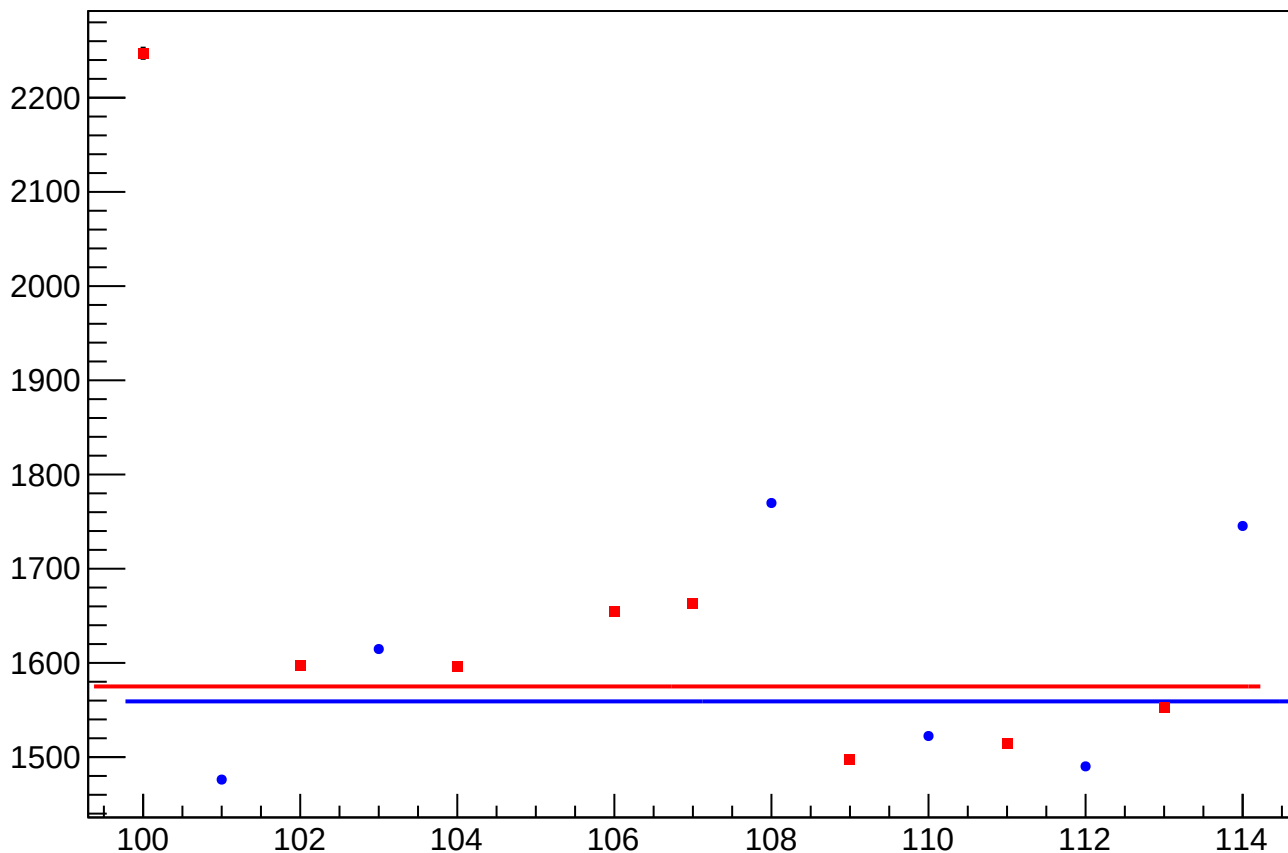
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -624.256+/-650.047 χ^2/NDF : 12.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1559.154+/-0.680 χ^2/NDF : 21908.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.011+/-0.624 χ^2/NDF : 20418.2/7

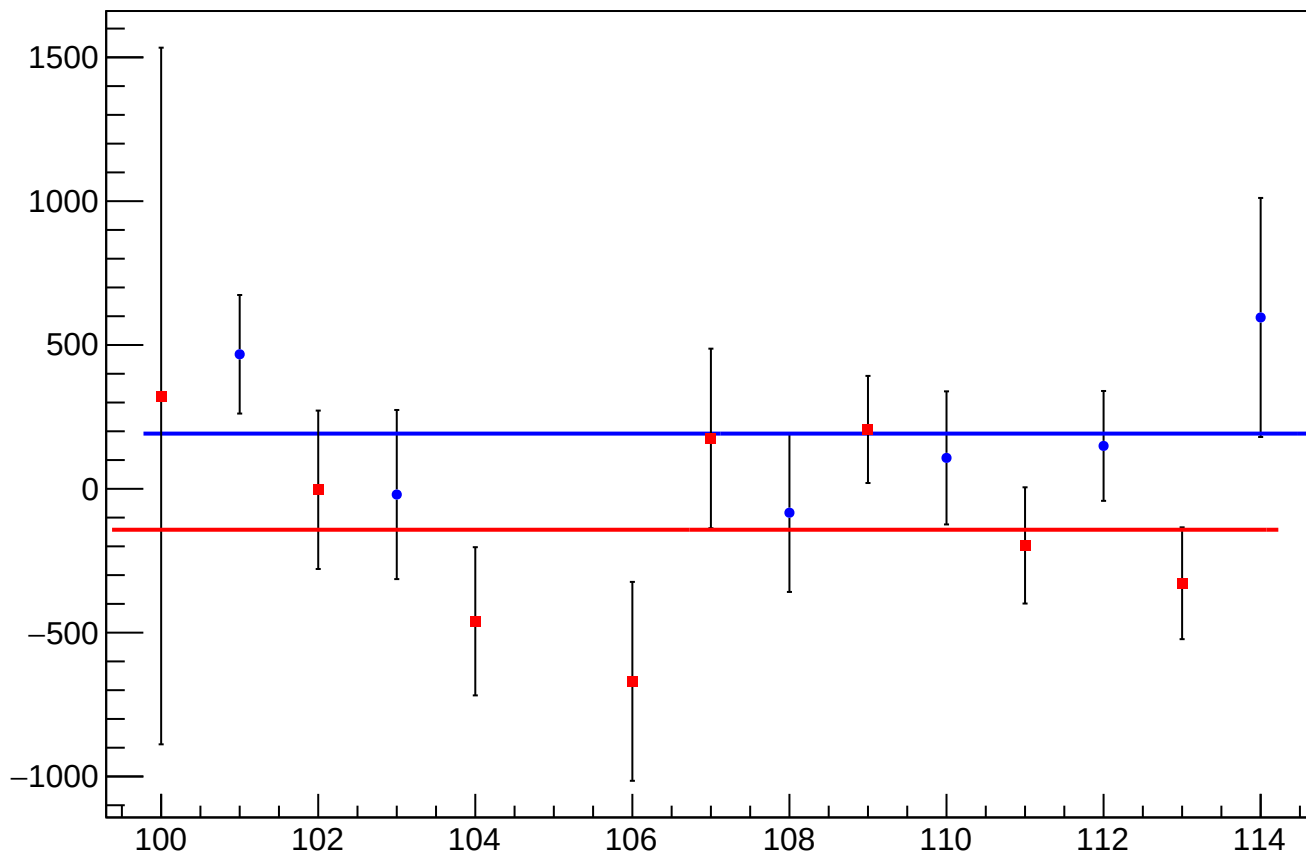
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.760+/-0.460 χ^2/NDF : 42621.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 191.967 ± 99.898 χ^2/NDF : 4.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -142.260 ± 88.597 χ^2/NDF : 9.8/7

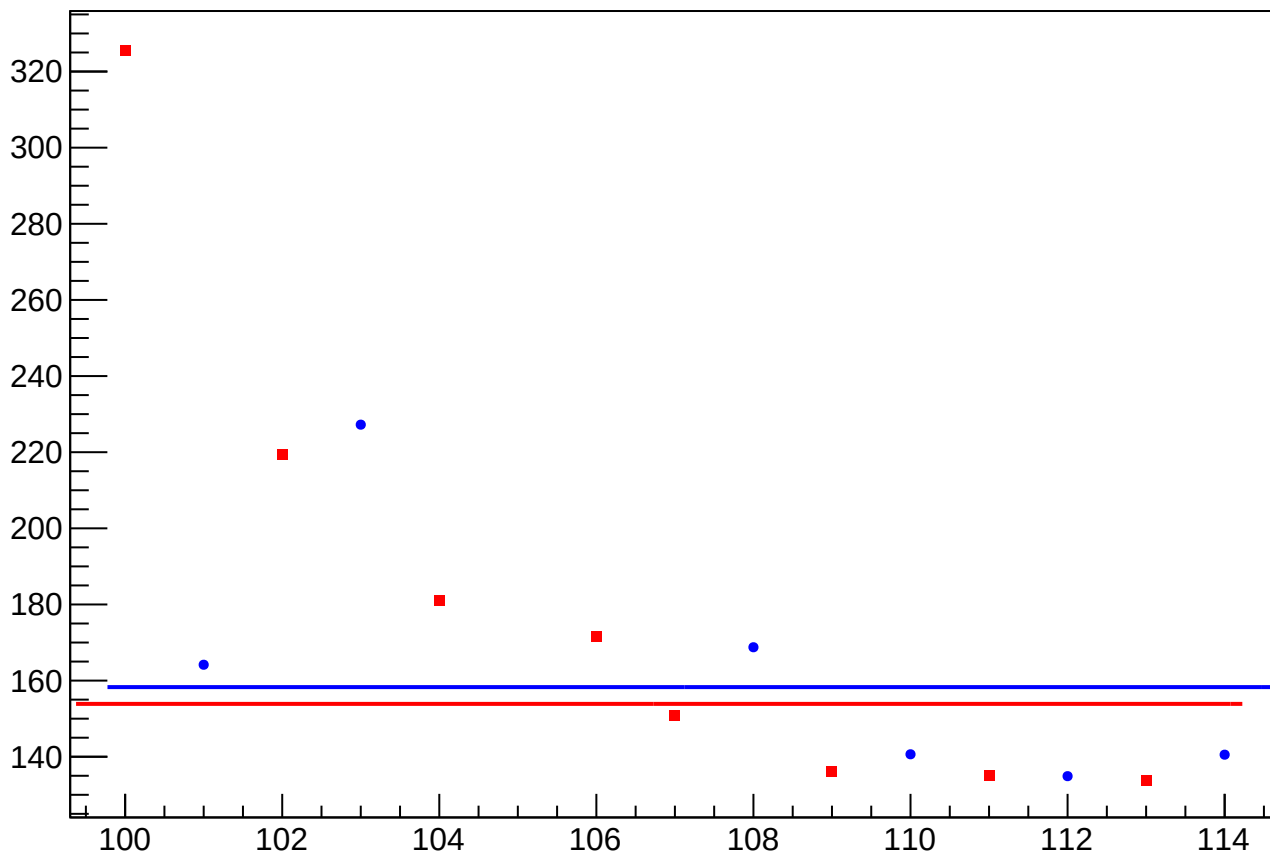
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.887 ± 66.284 χ^2/NDF : 20.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 158.292 $\pm$ 0.071 χ^2 /NDF: 159836.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.884 $\pm$ 0.063 χ^2 /NDF: 238108.9/7

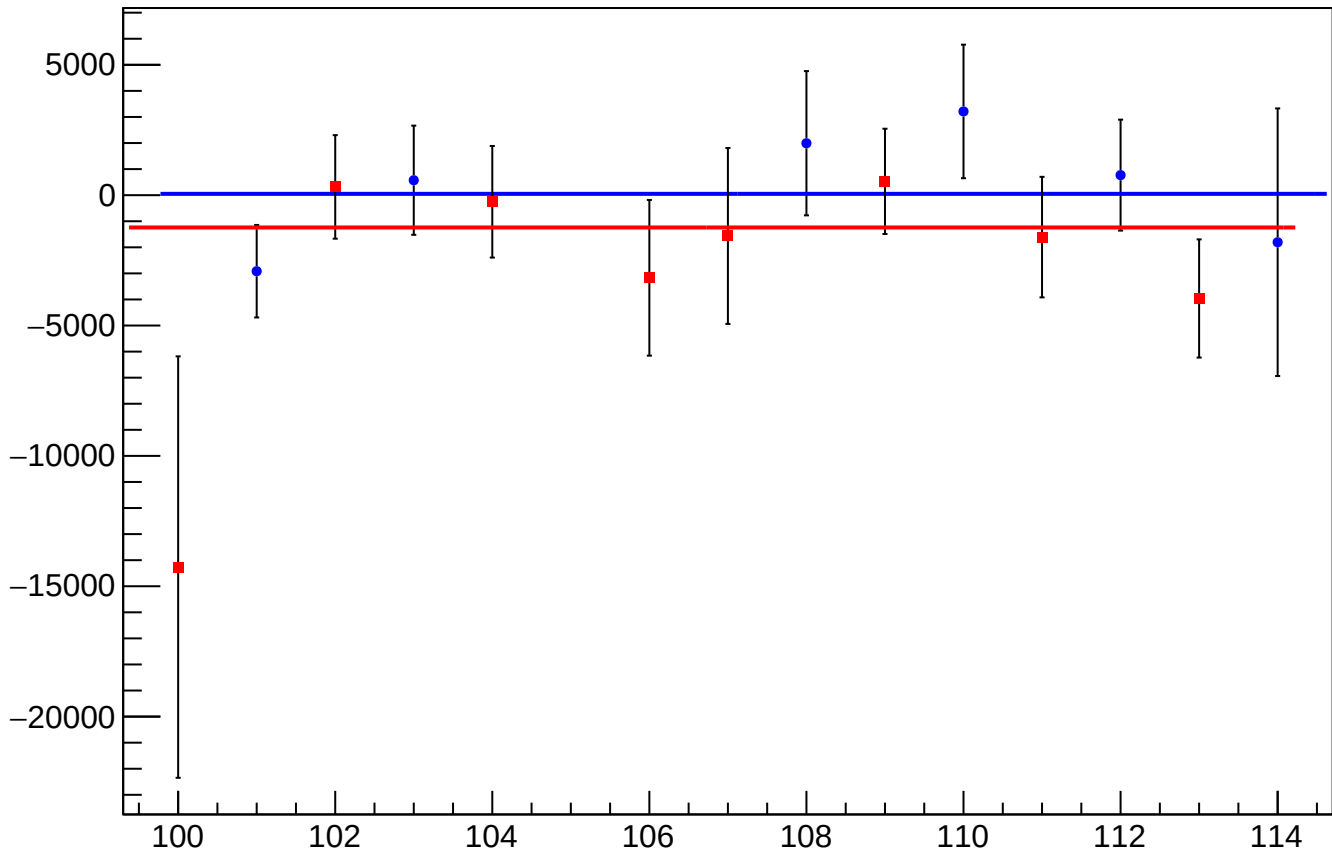
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.825 $\pm$ 0.047 χ^2 /NDF: 400125.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: 50.969+/-958.767 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.981+/-872.295 χ^2/NDF : 6.1/7

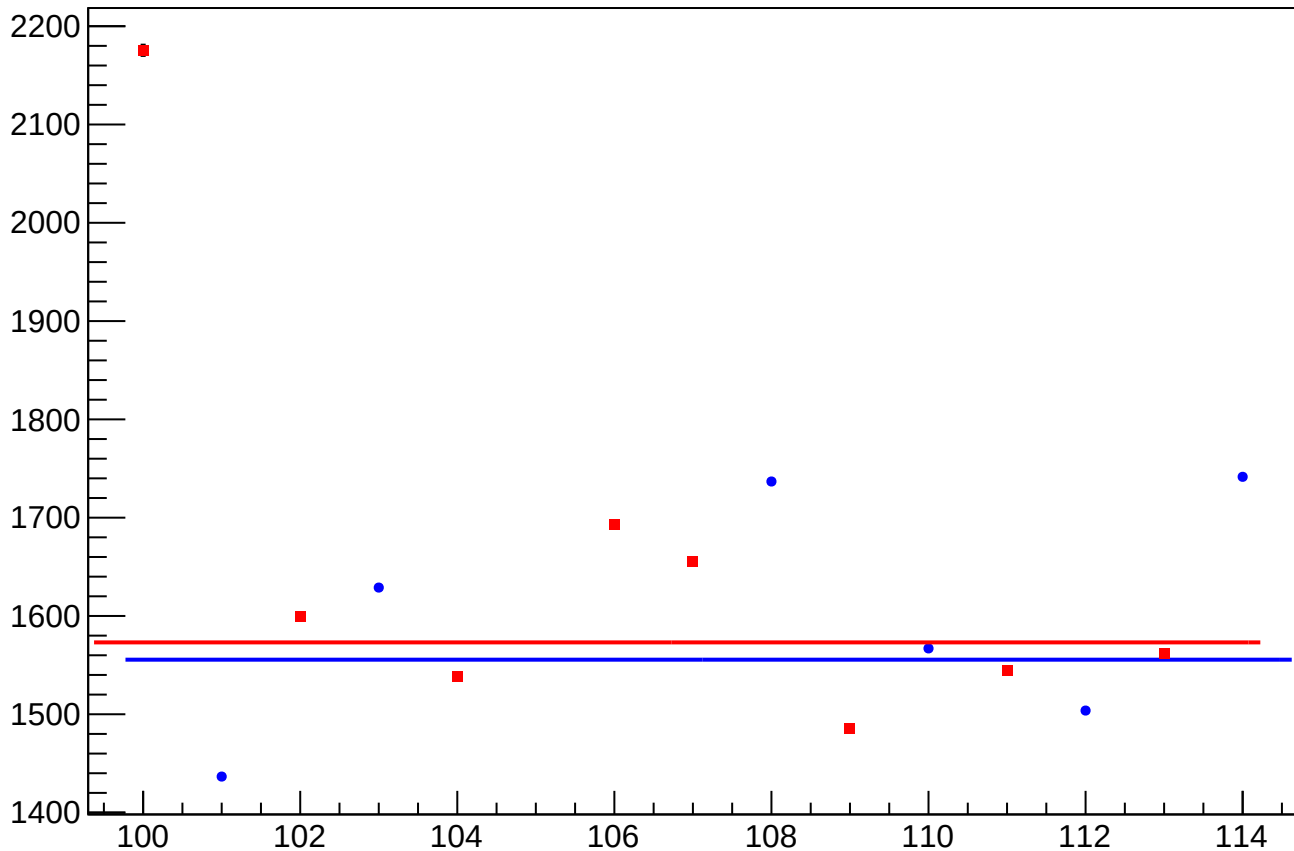
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -654.789+/-645.215 χ^2/NDF : 12.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1555.524+/-0.678 χ^2/NDF : 23879.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.110+/-0.617 χ^2/NDF : 20527.5/7

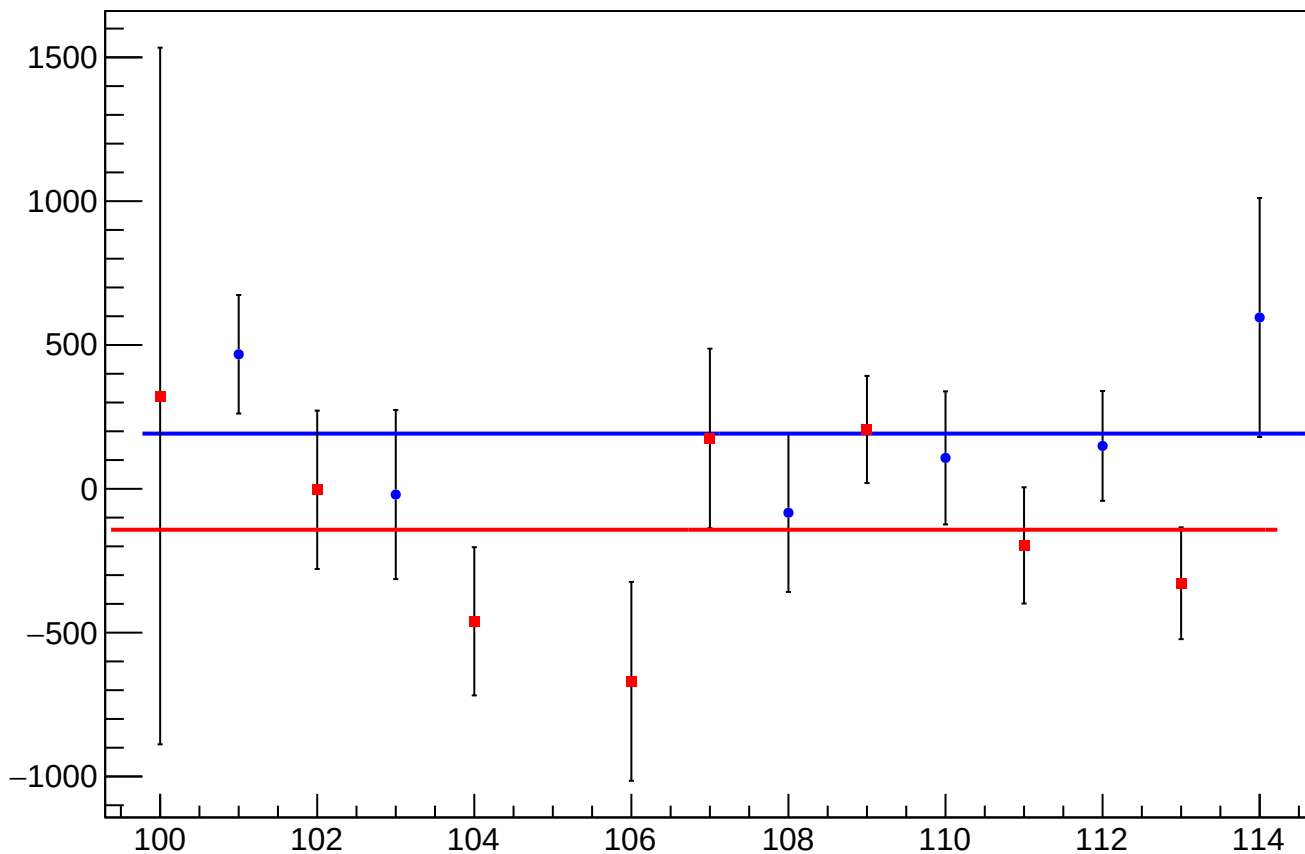
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.146+/-0.456 χ^2/NDF : 44775.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_mean vs Slug



Right In: 191.962 $\pm$ 99.898 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -142.255 $\pm$ 88.597 χ^2 /NDF: 9.8/7

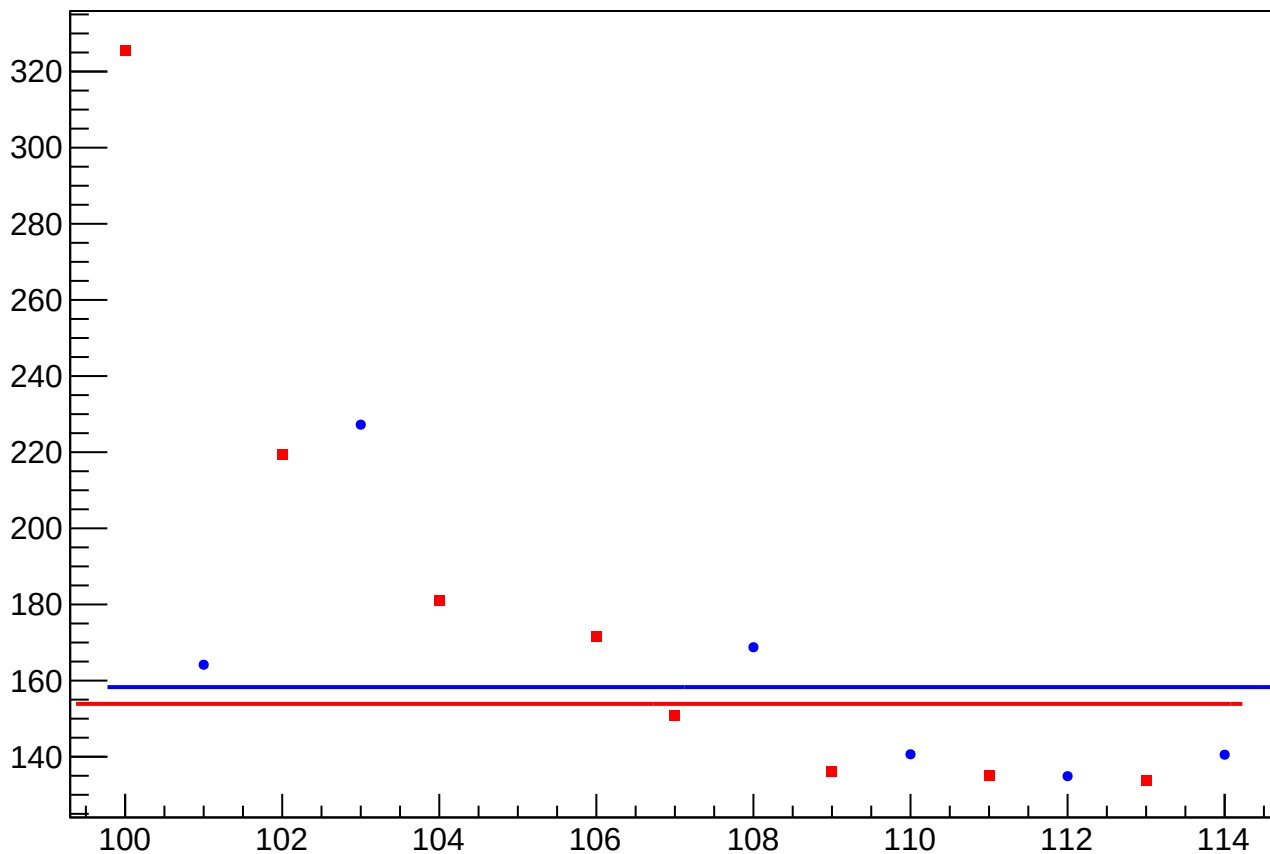
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.888 $\pm$ 66.284 χ^2 /NDF: 20.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 158.292 $\pm$ 0.071 χ^2 /NDF: 159842.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.884 $\pm$ 0.063 χ^2 /NDF: 238116.6/7

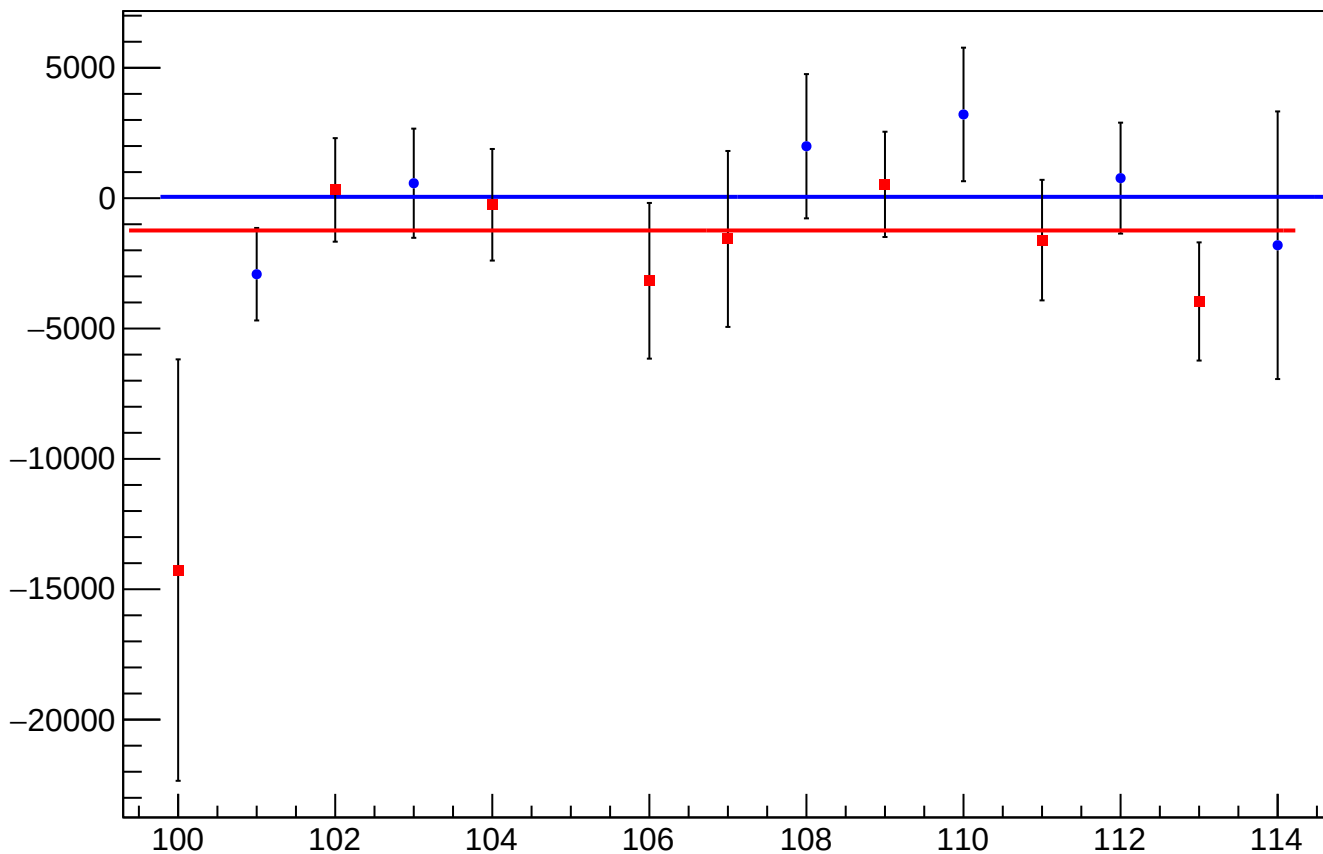
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.824 $\pm$ 0.047 χ^2 /NDF: 400138.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



Right In: 50.969+/-958.763 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.978+/-872.292 χ^2/NDF : 6.1/7

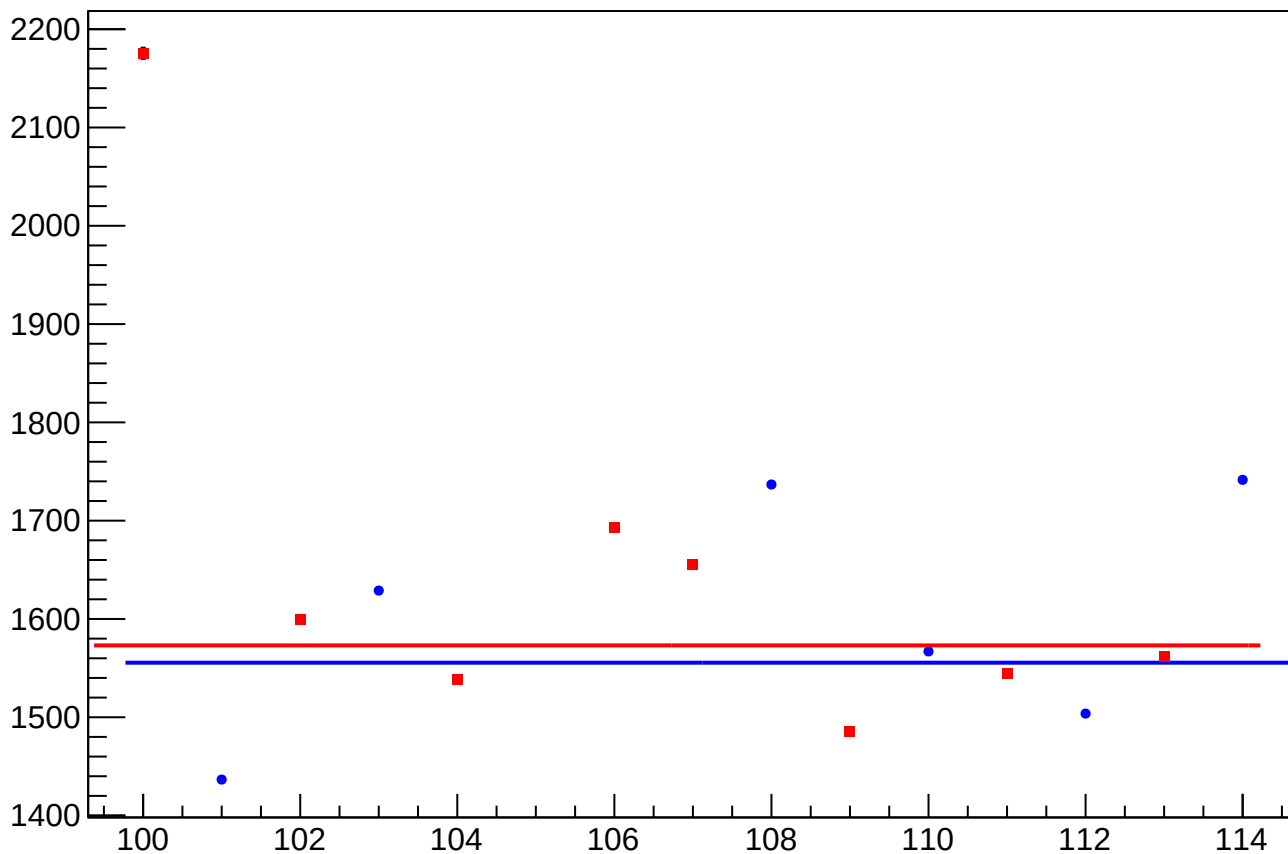
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -654.786+/-645.213 χ^2/NDF : 12.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1555.518 $\pm$ 0.678 χ^2 /NDF: 23879.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1573.105 $\pm$ 0.617 χ^2 /NDF: 20528.0/7

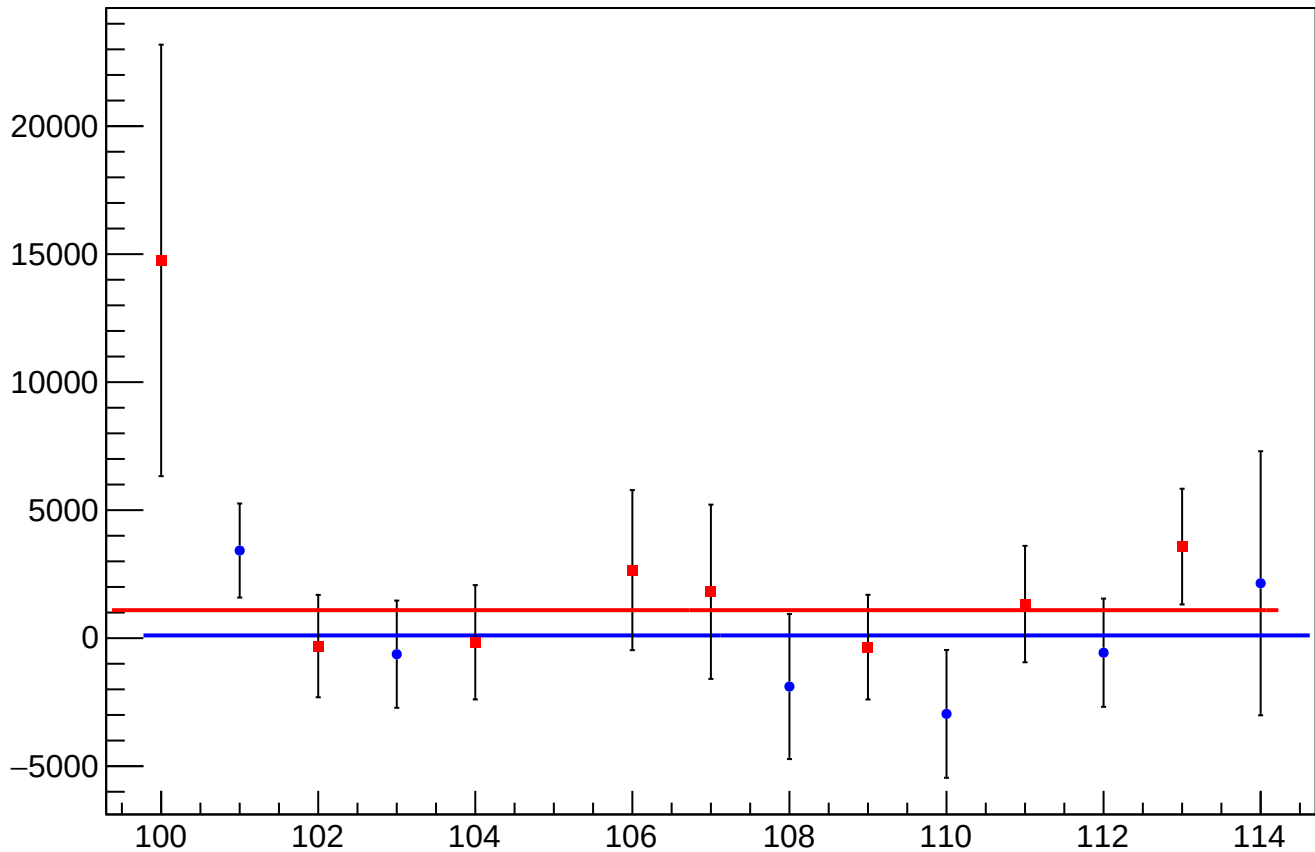
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1565.140 $\pm$ 0.456 χ^2 /NDF: 44775.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 106.884 $\pm$ 966.613 χ^2 /NDF: 5.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1092.865 $\pm$ 883.319 χ^2 /NDF: 5.4/7

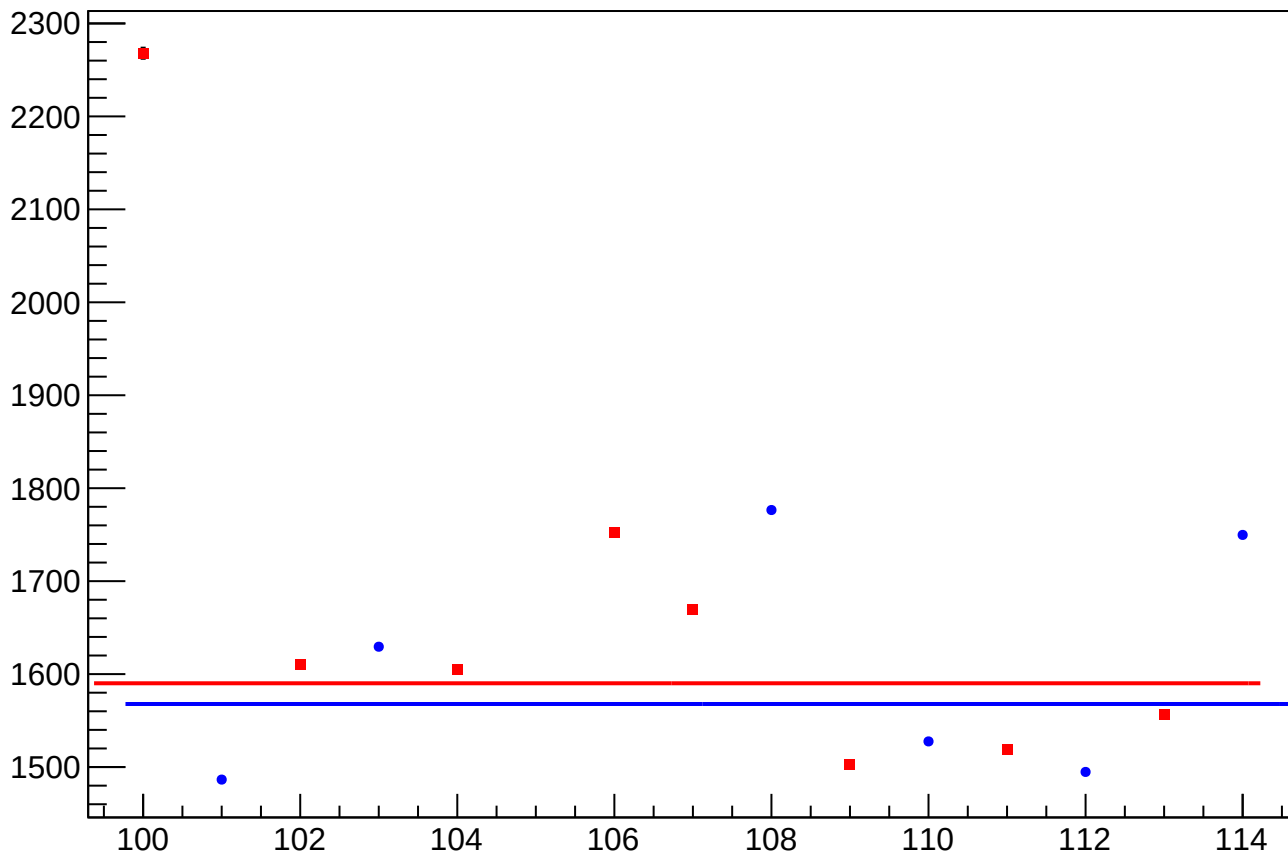
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.179 $\pm$ 652.063 χ^2 /NDF: 11.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1567.839 $\pm$ 0.683 χ^2 /NDF: 21897.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1590.132 $\pm$ 0.625 χ^2 /NDF: 25698.1/7

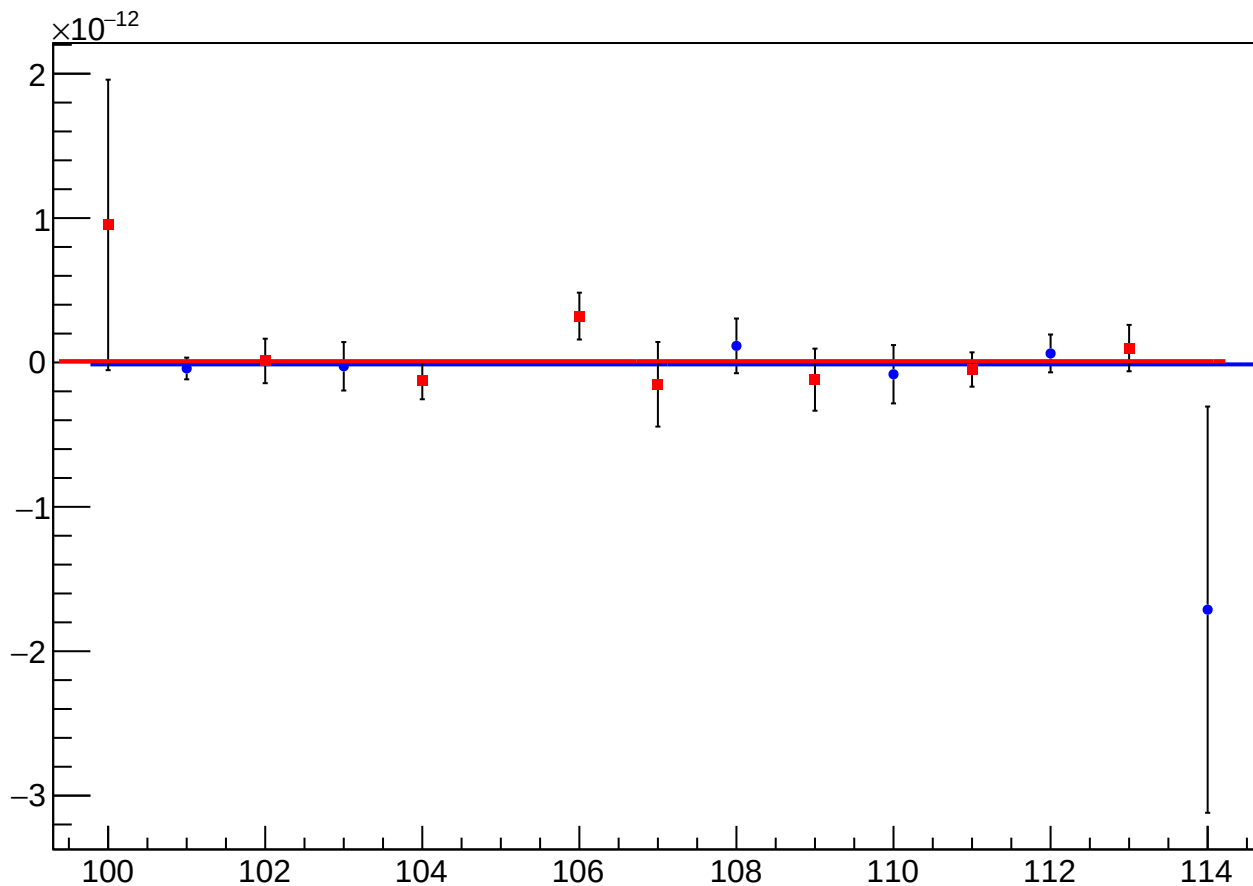
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1579.987 $\pm$ 0.461 χ^2 /NDF: 48175.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.8/7

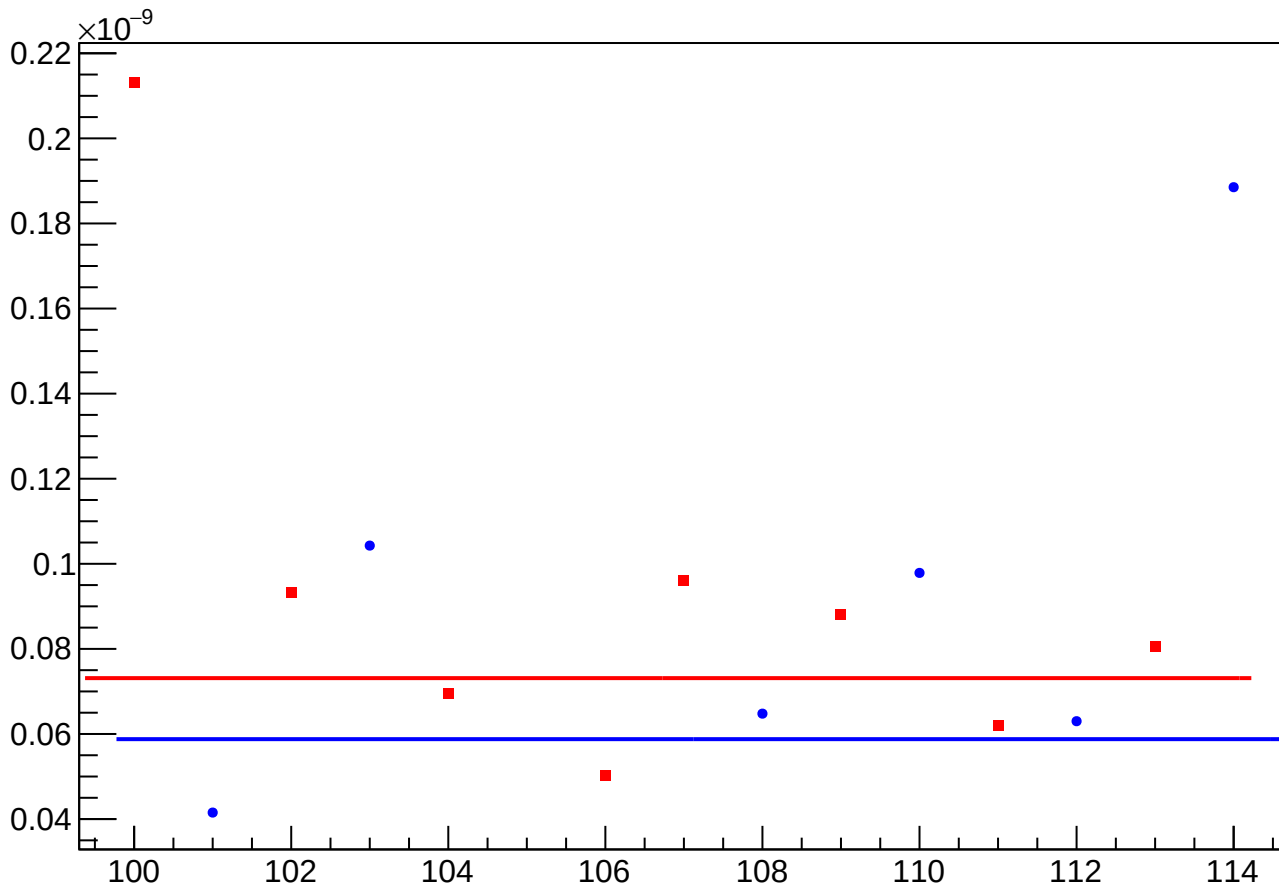
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.4/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 348213.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 157421.8/7

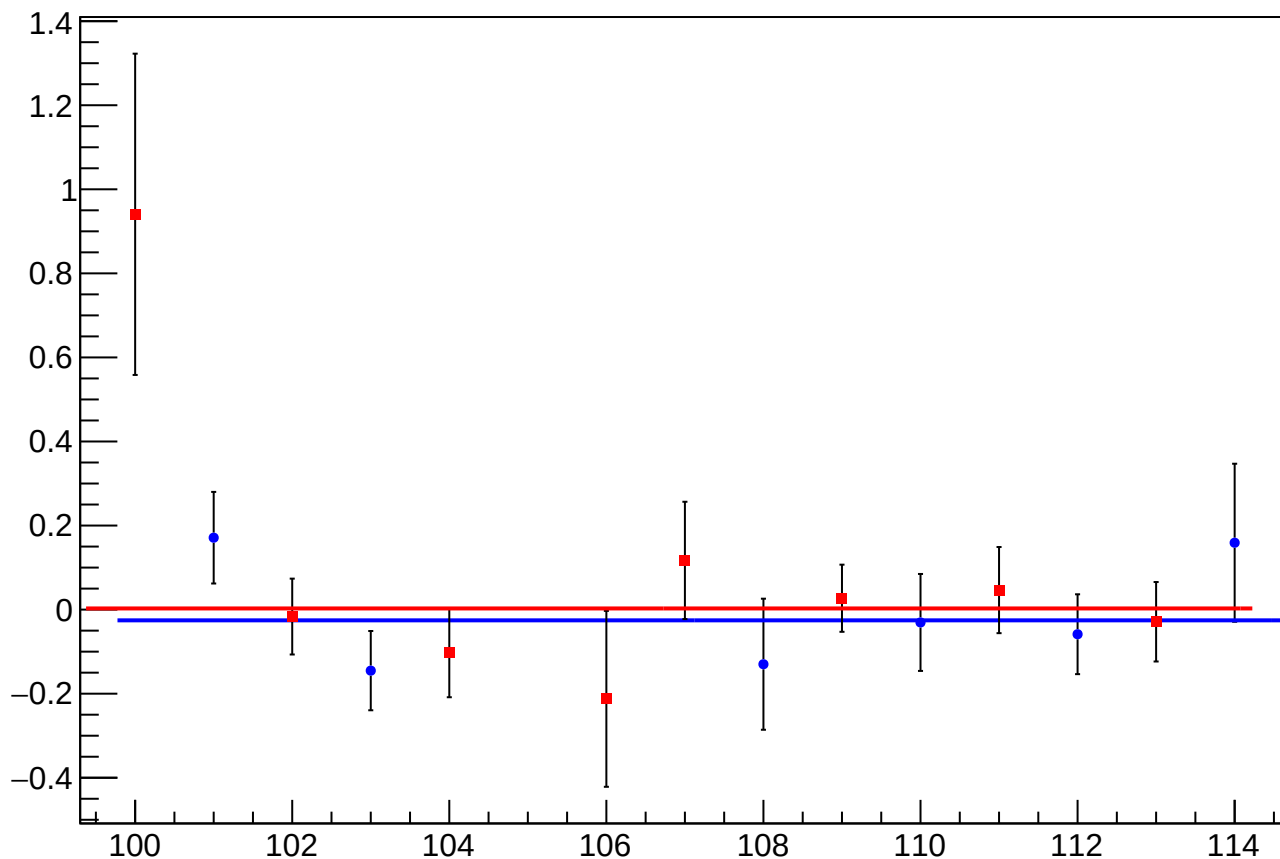
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 567558.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 $\pm$ 0.047 χ^2 /NDF: 6.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.039 χ^2 /NDF: 9.2/7

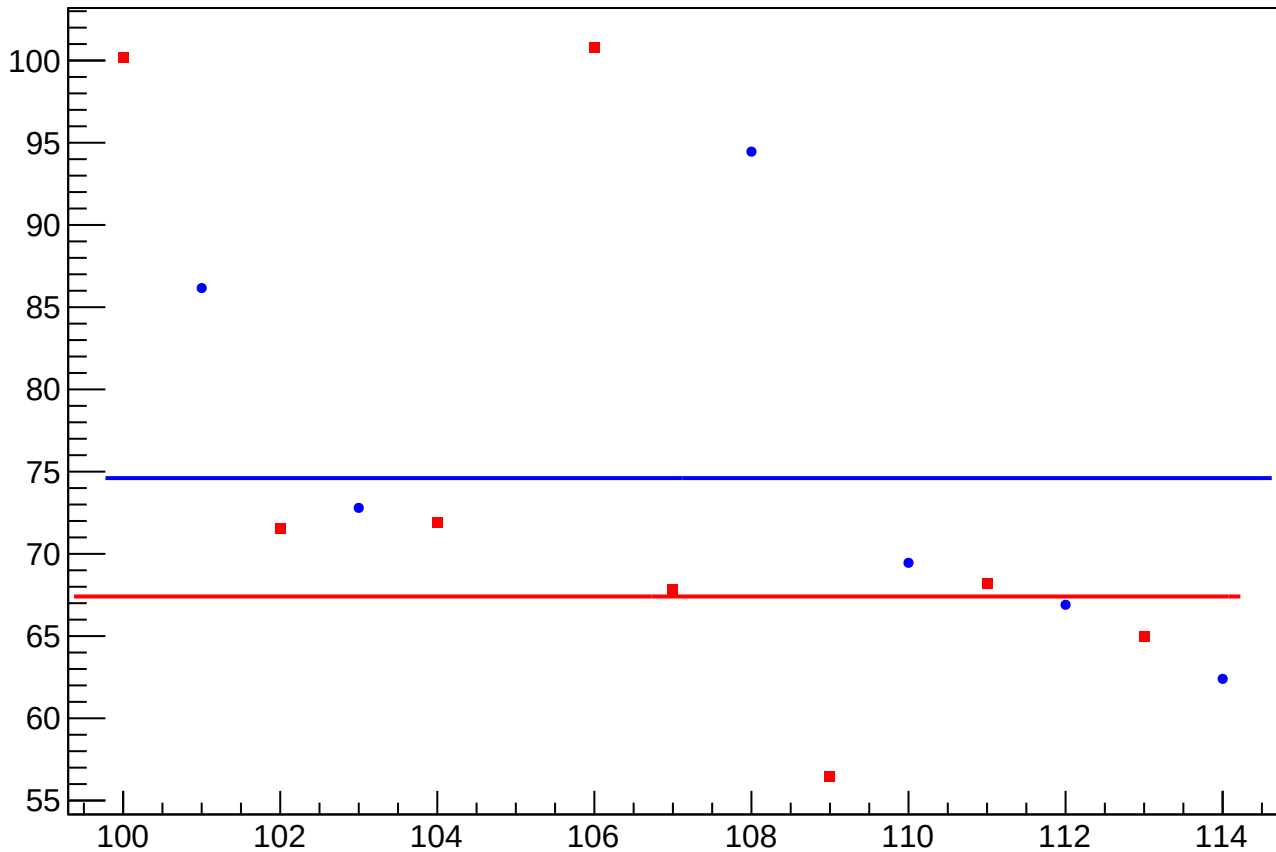
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.030 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug



Right In: 74.607 $\pm$ 0.033 χ^2 /NDF: 81226.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.407 $\pm$ 0.028 χ^2 /NDF: 112686.0/7

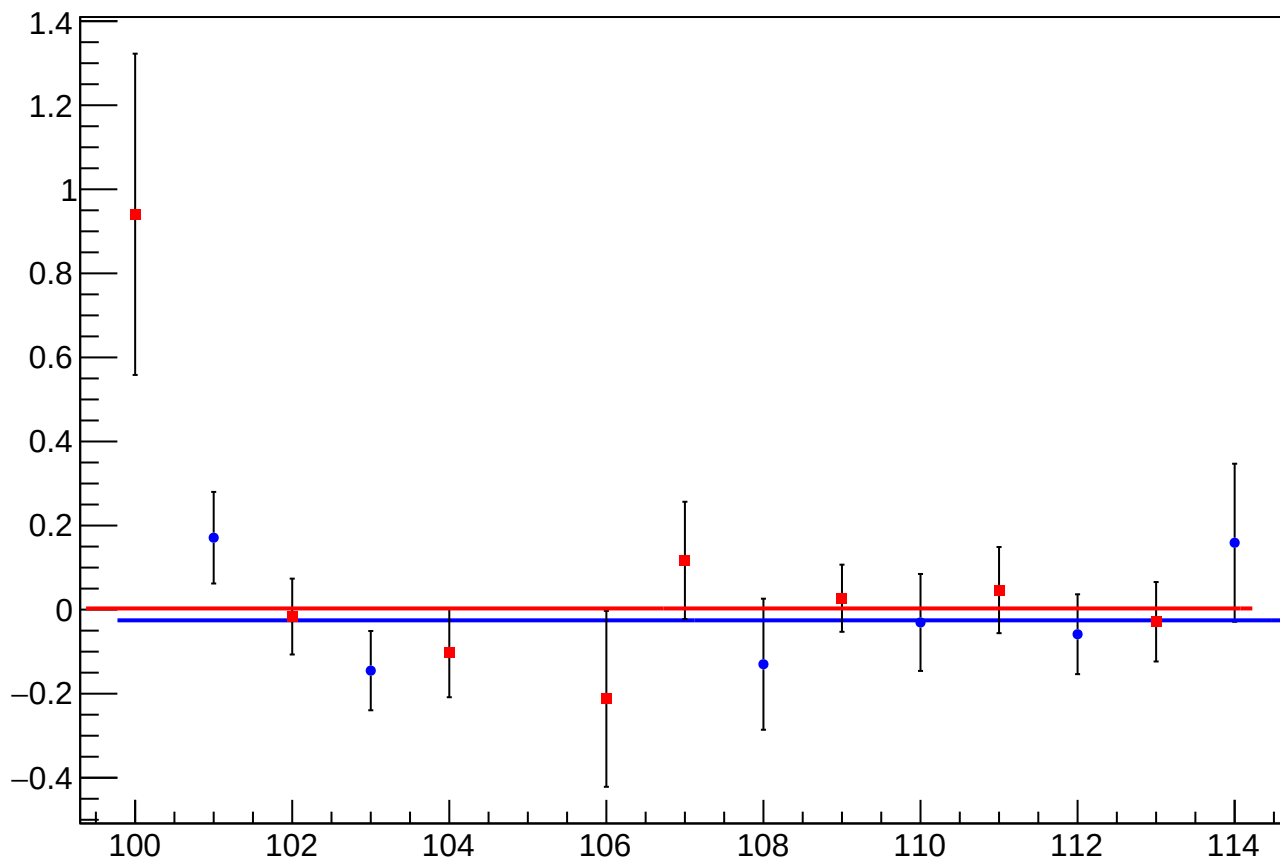
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.342 $\pm$ 0.021 χ^2 /NDF: 221682.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 $\pm$ 0.047 χ^2 /NDF: 6.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.039 χ^2 /NDF: 9.2/7

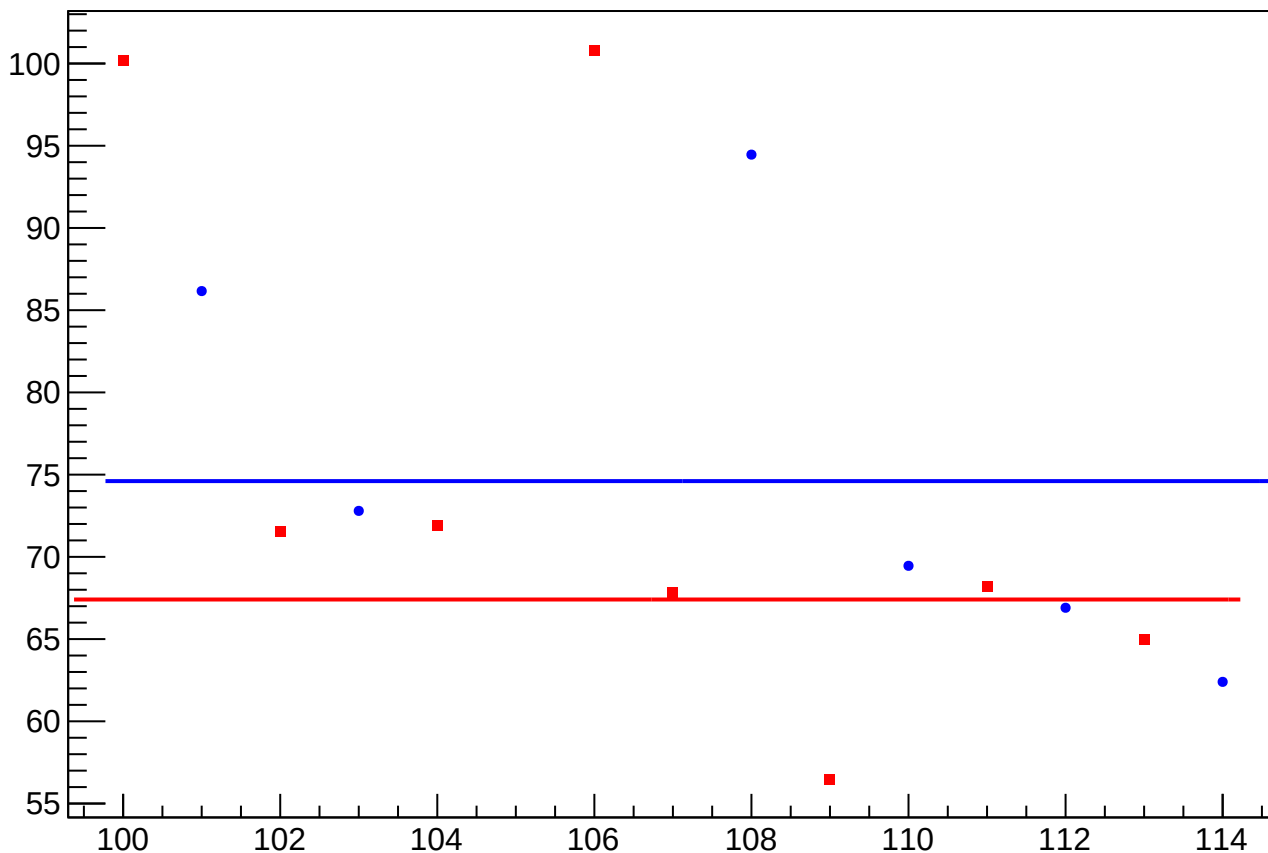
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.030 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.607 $\pm$ 0.033 χ^2 /NDF: 81226.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.407 $\pm$ 0.028 χ^2 /NDF: 112686.0/7

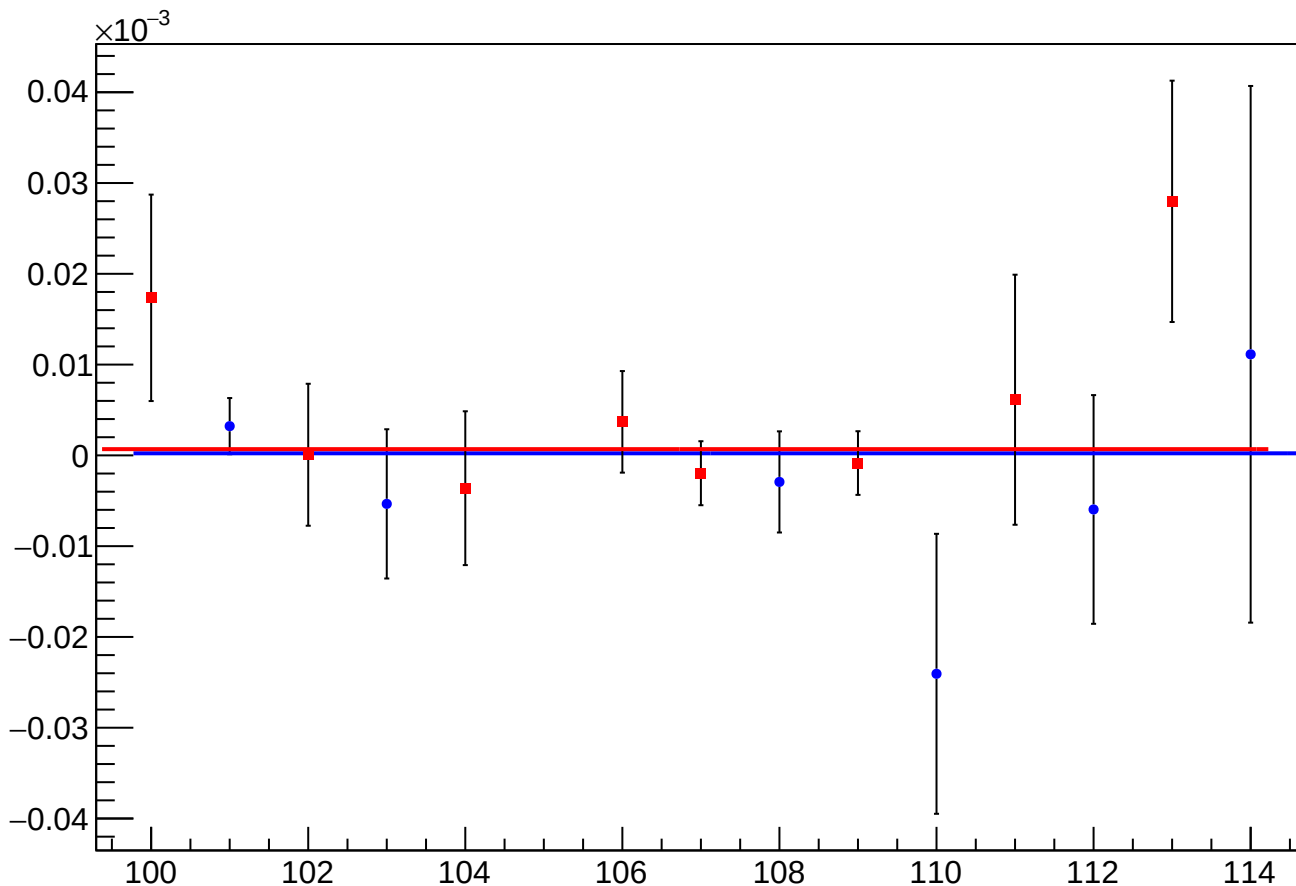
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.342 $\pm$ 0.021 χ^2 /NDF: 221682.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/7

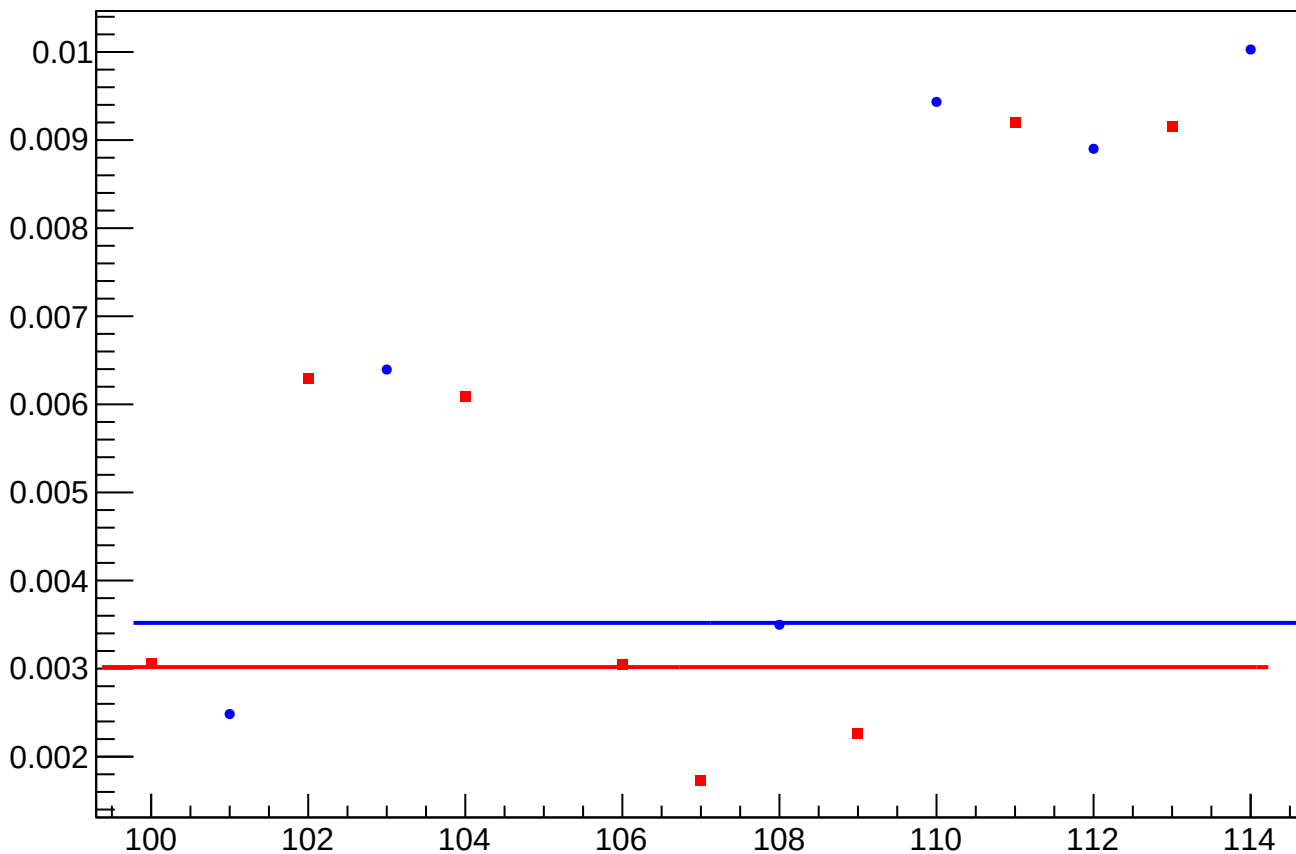
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 1225239.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1803580.6/7

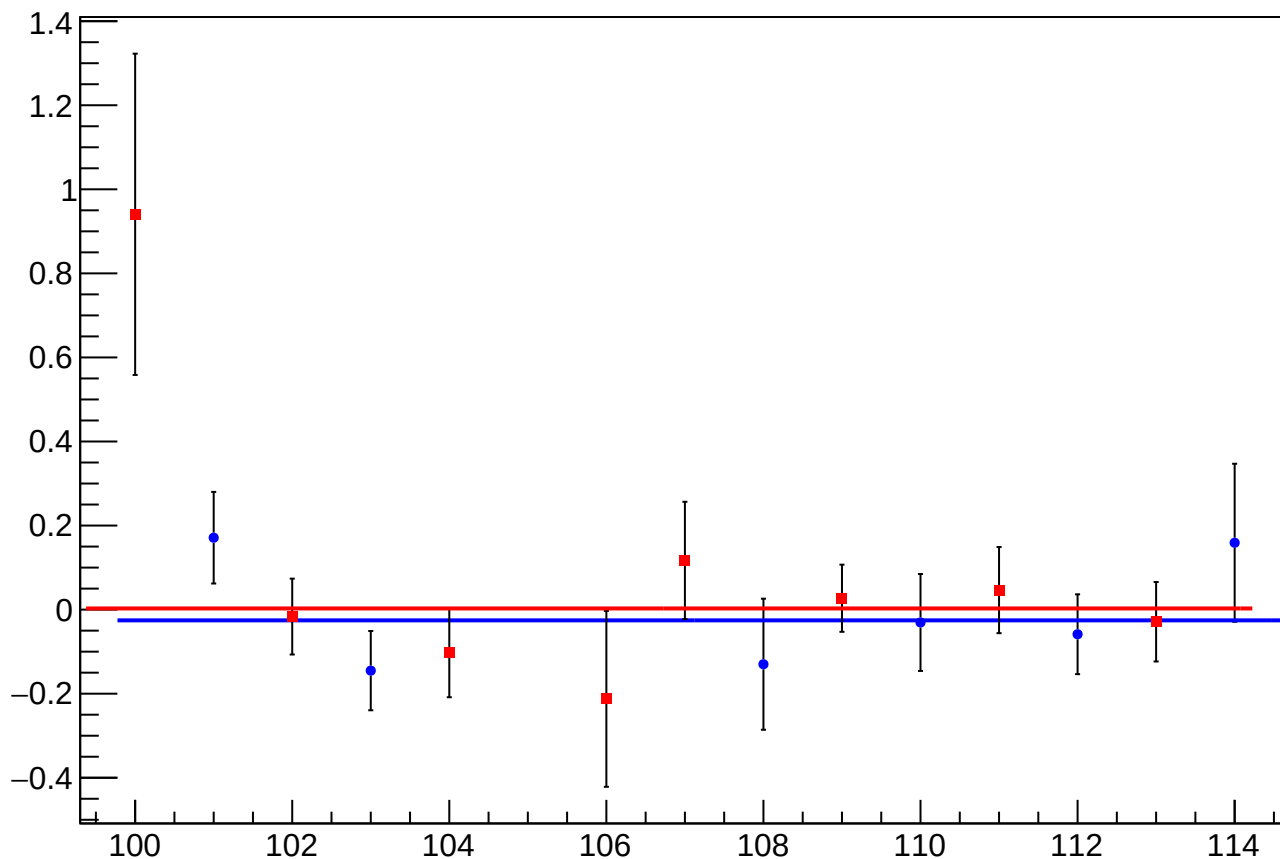
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3077946.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 ± 0.047 χ^2/NDF : 6.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.039 χ^2/NDF : 9.2/7

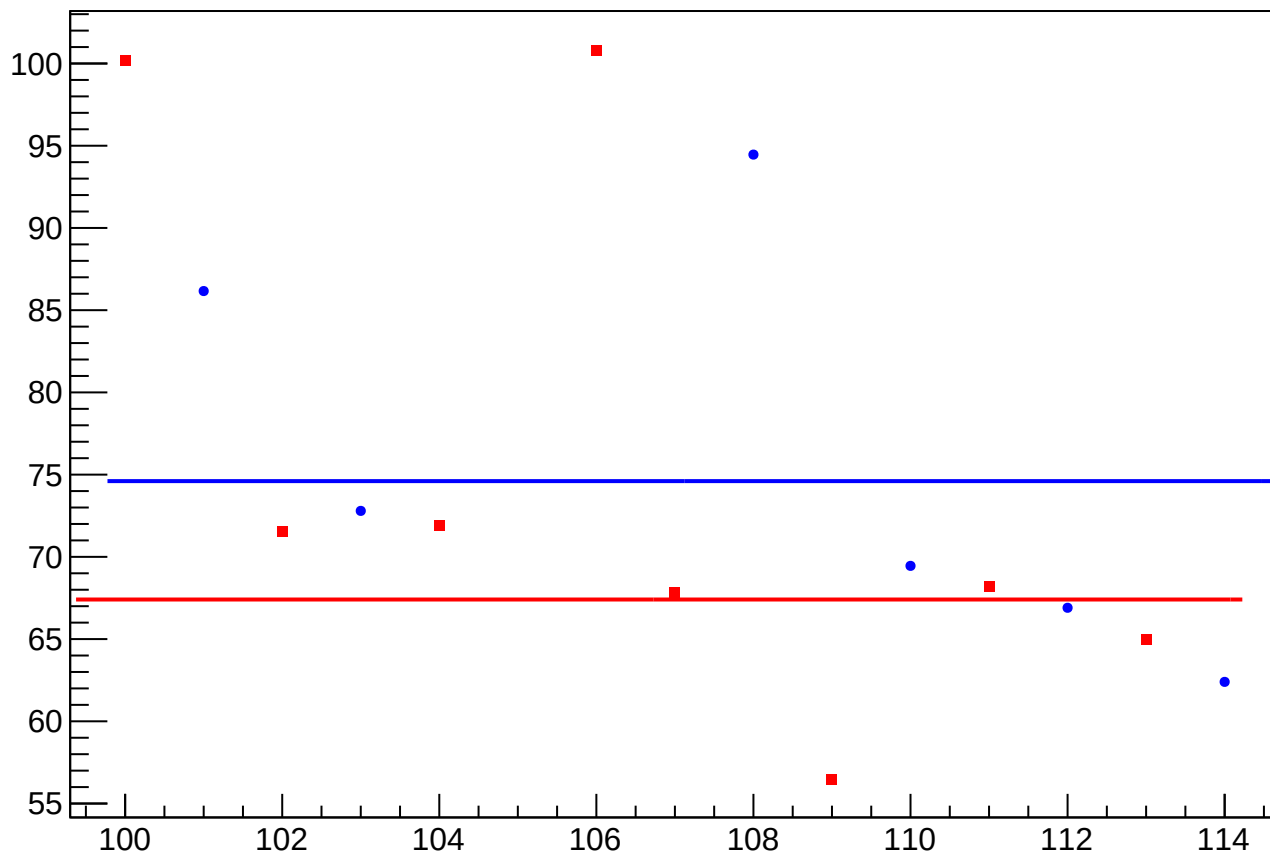
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.030 χ^2/NDF : 15.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 74.606 $\pm$ 0.033 χ^2 /NDF: 81247.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.406 $\pm$ 0.028 χ^2 /NDF: 112689.3/7

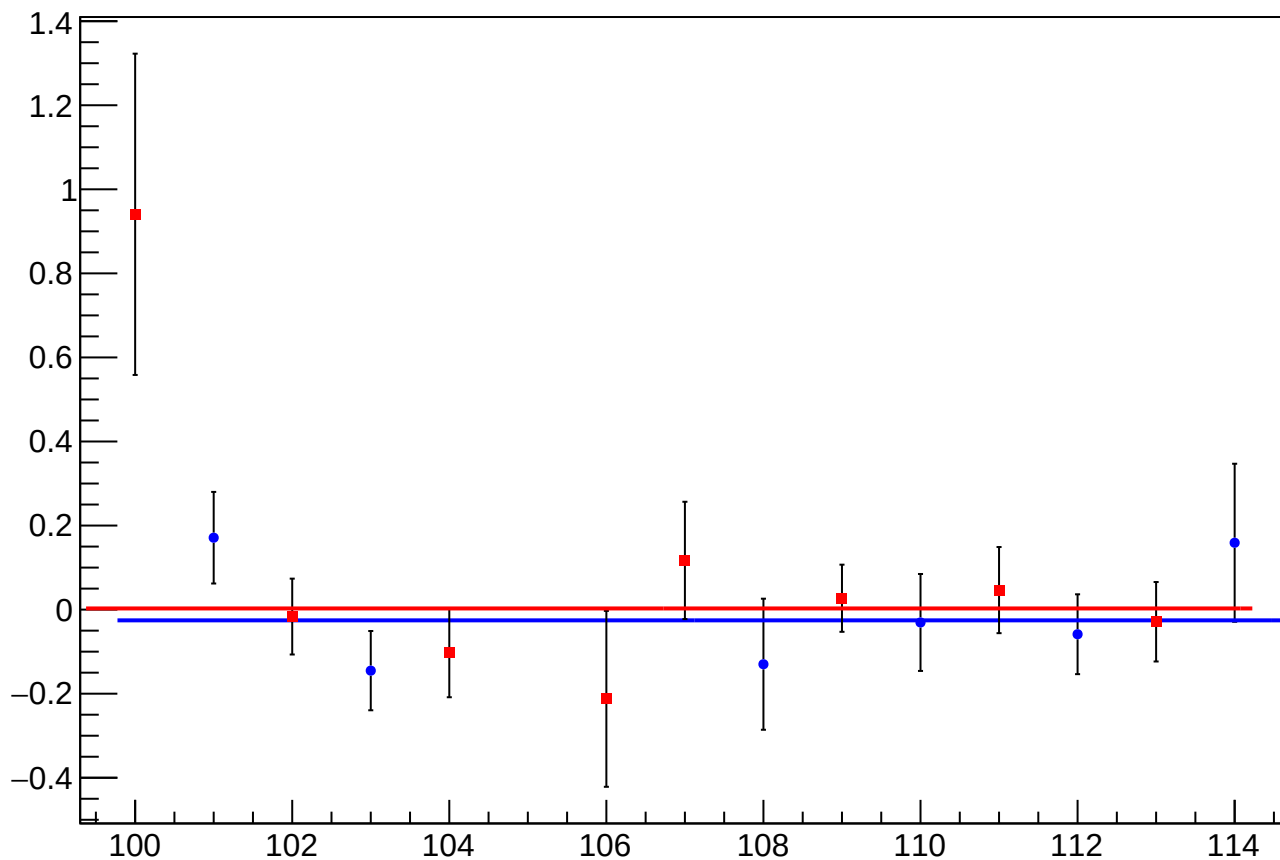
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.341 $\pm$ 0.021 χ^2 /NDF: 221701.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 ± 0.047 χ^2/NDF : 6.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.039 χ^2/NDF : 9.2/7

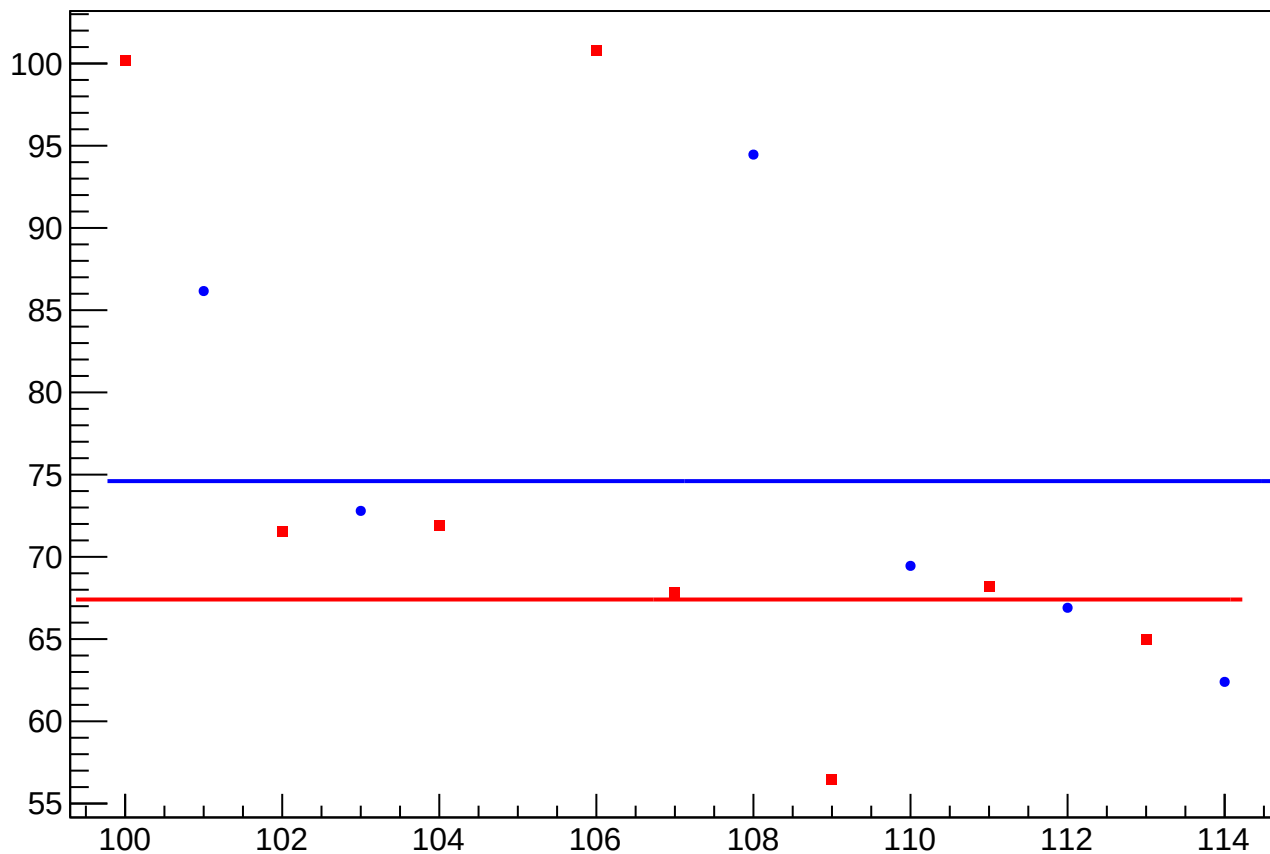
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.030 χ^2/NDF : 15.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.606 $\pm$ 0.033 χ^2 /NDF: 81247.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.406 $\pm$ 0.028 χ^2 /NDF: 112689.3/7

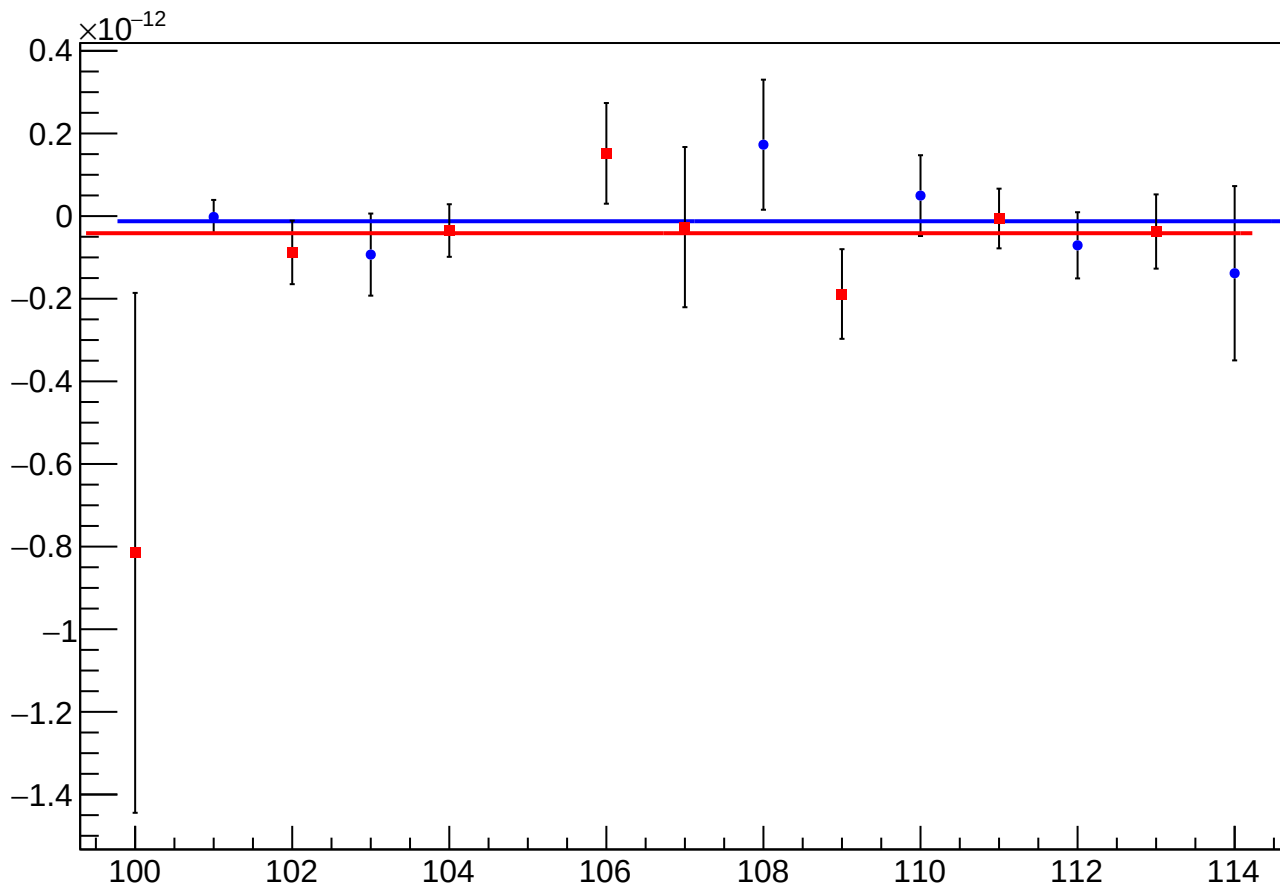
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.341 $\pm$ 0.021 χ^2 /NDF: 221701.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/7

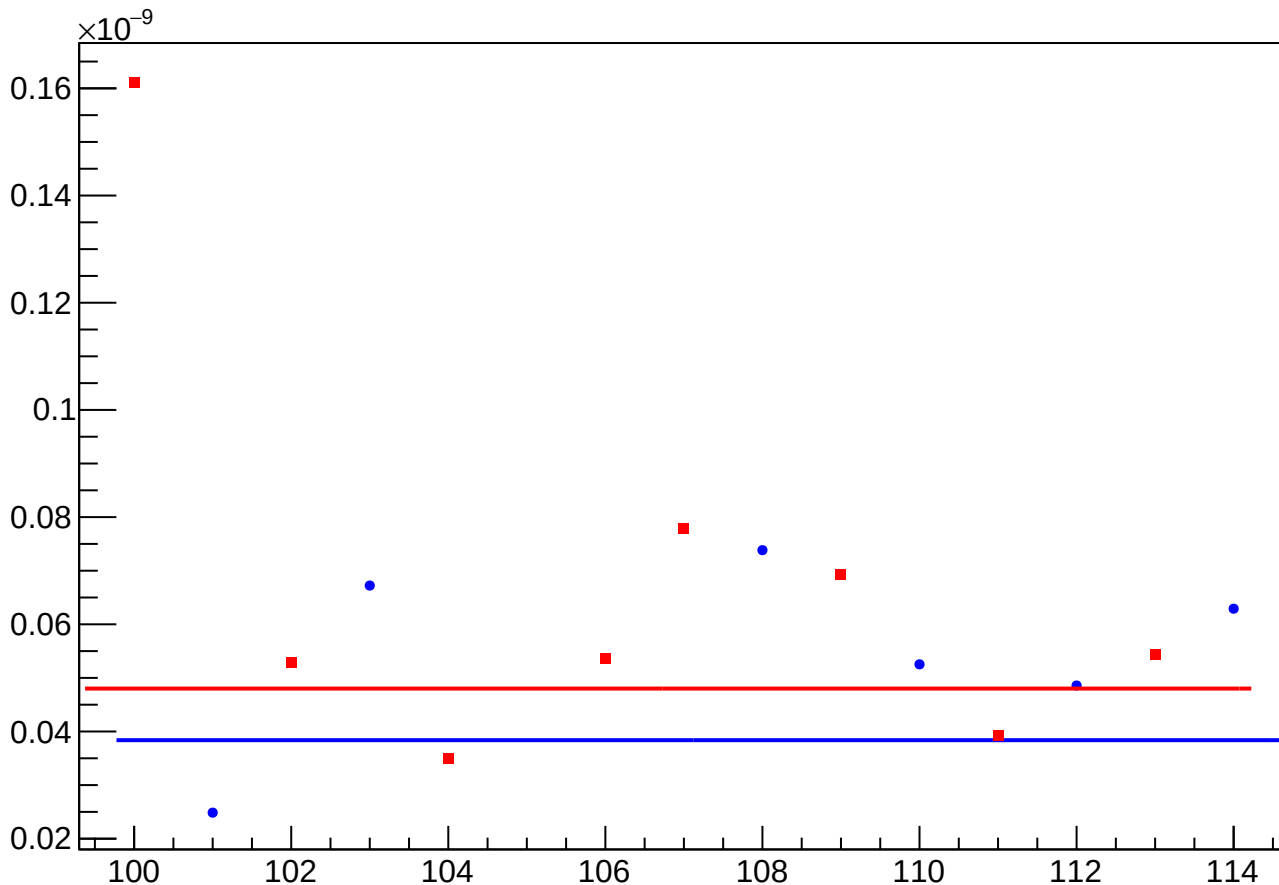
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 587083.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 324710.1/7

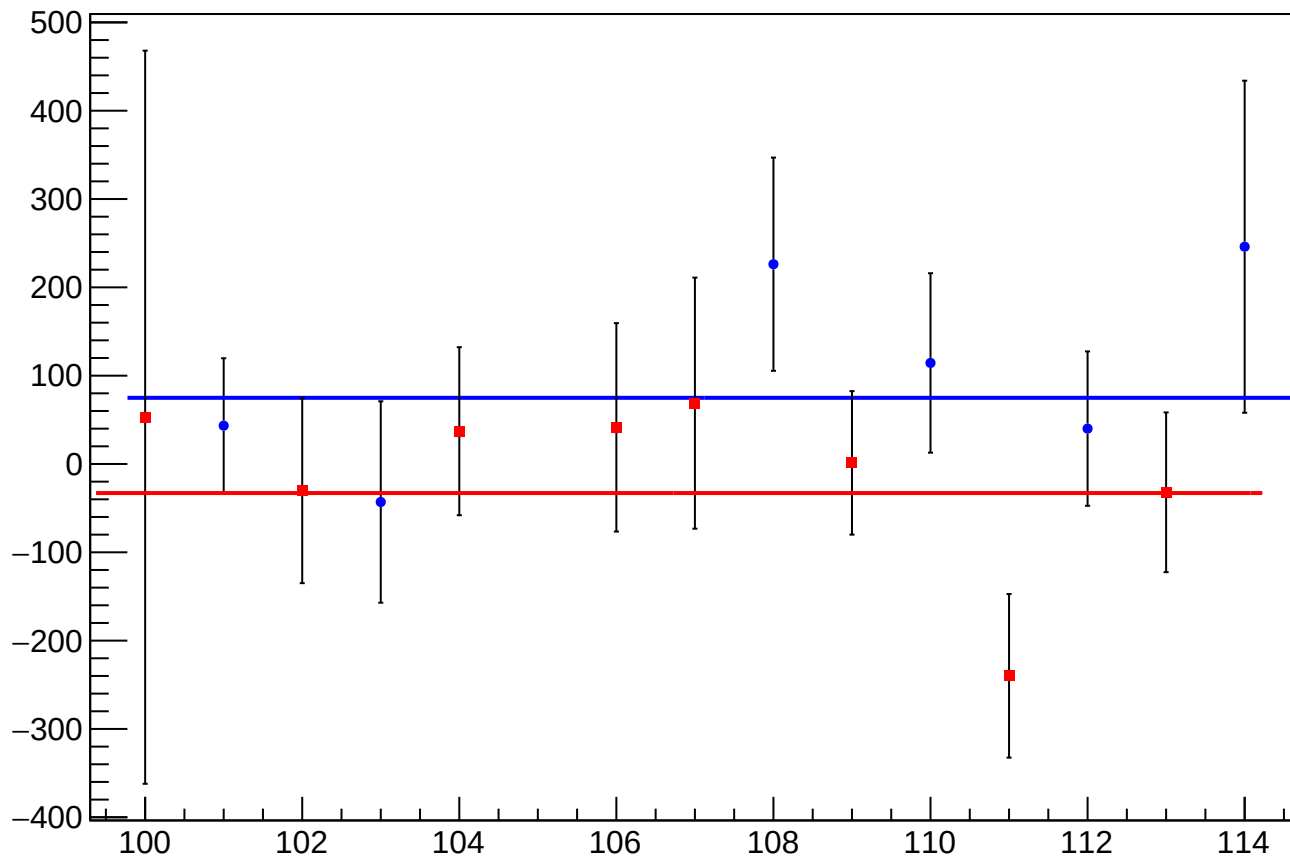
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1000972.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 74.931+/-41.767 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.887+/-37.291 χ^2/NDF : 6.7/7

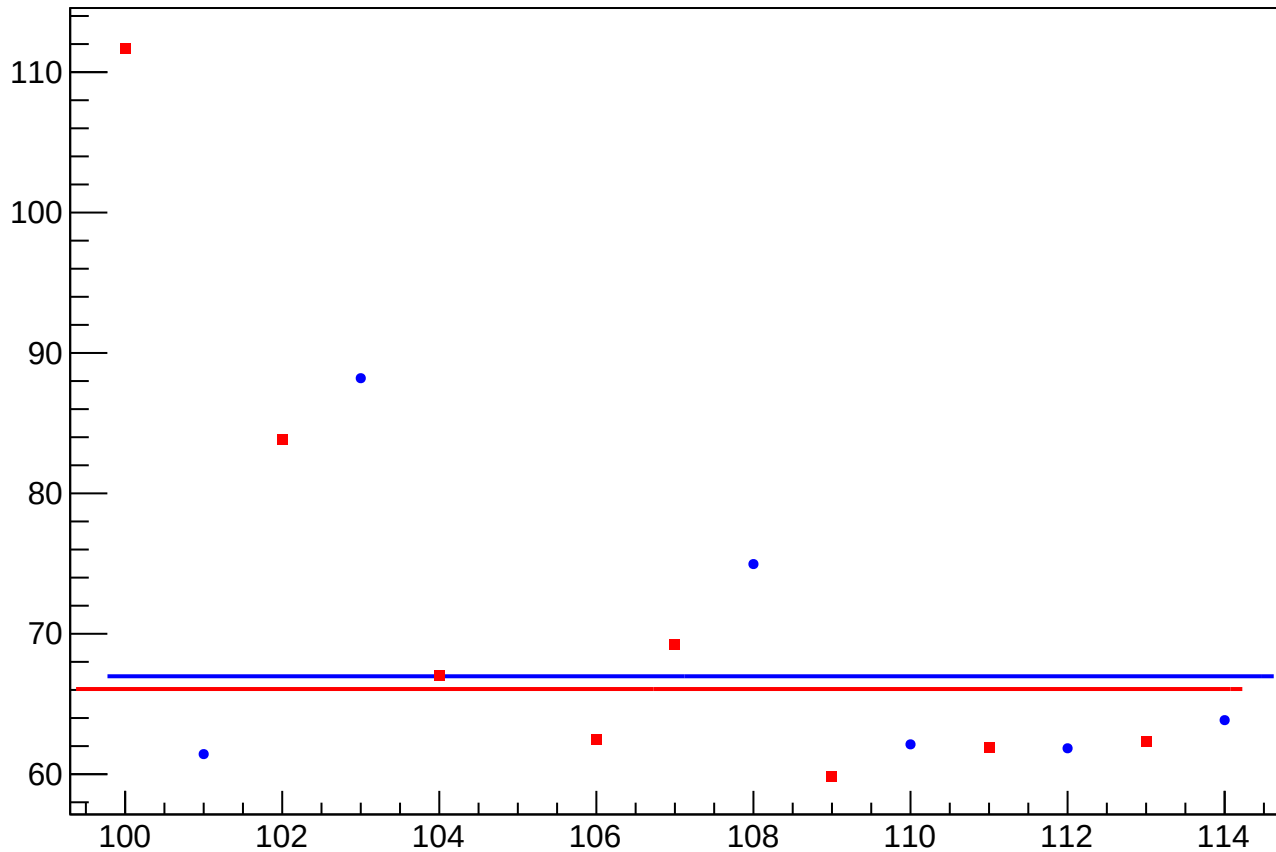
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.937+/-27.817 χ^2/NDF : 14.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 66.974+/-0.030 χ^2/NDF : 100620.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.066+/-0.026 χ^2/NDF : 104119.9/7

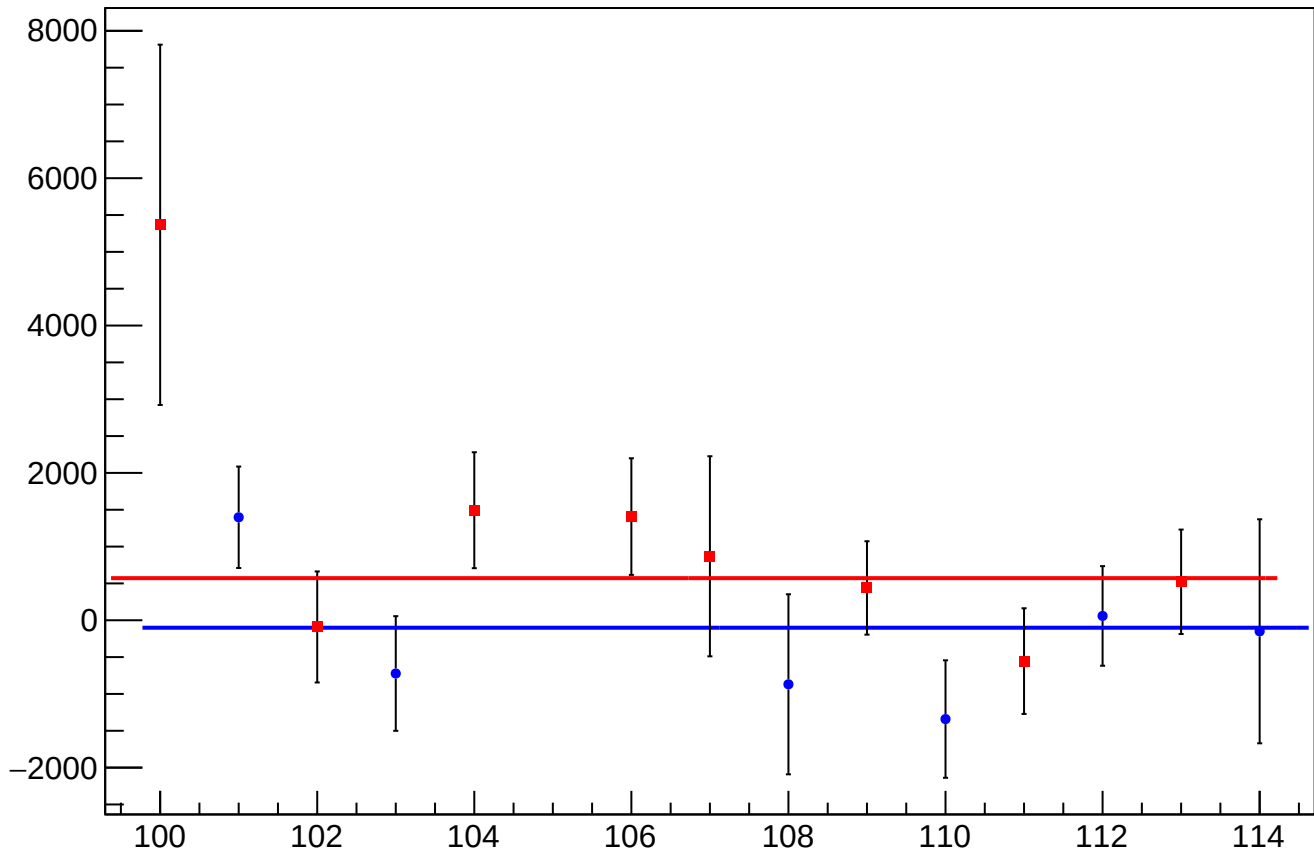
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.469+/-0.020 χ^2/NDF : 205266.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: -101.251 $\pm$ 340.475 χ^2 /NDF: 8.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 571.637 $\pm$ 287.404 χ^2 /NDF: 9.7/7

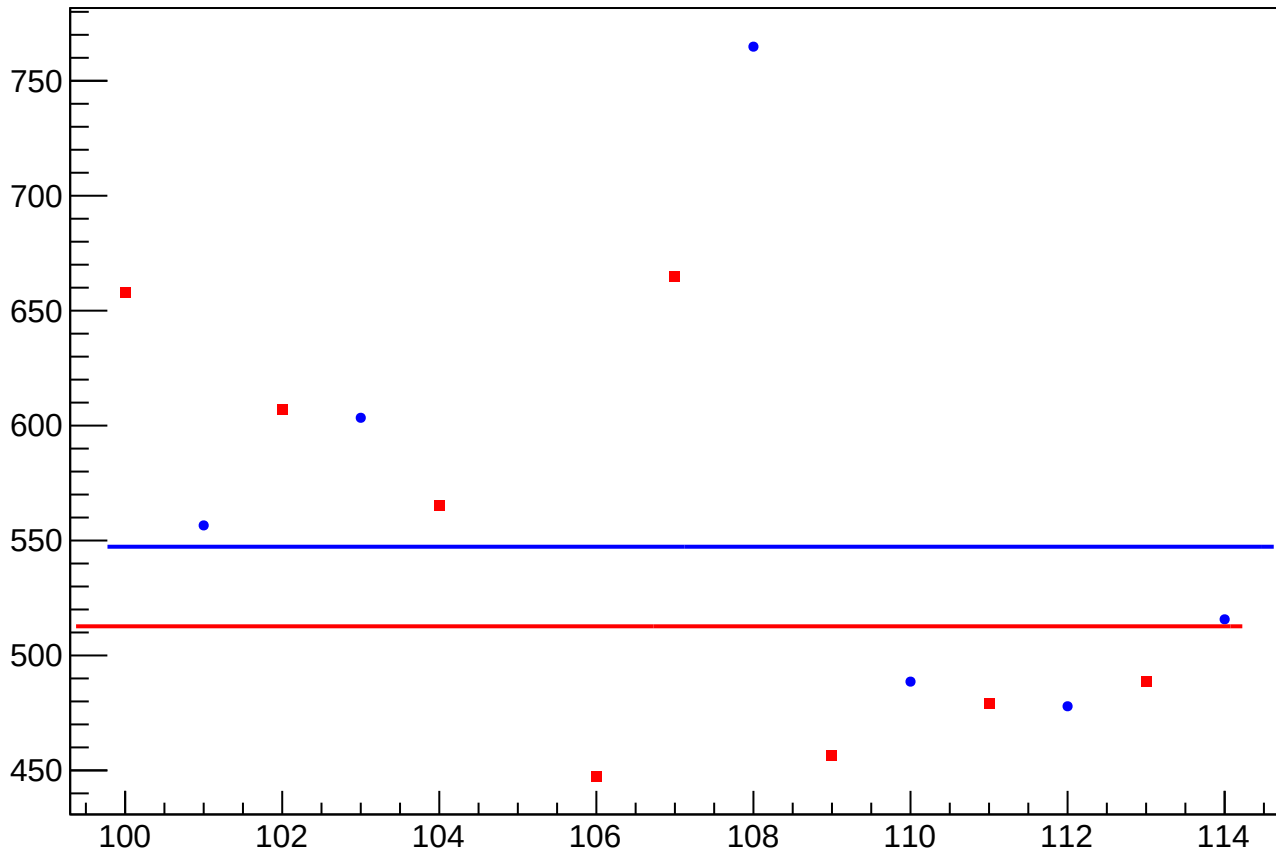
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 291.665 $\pm$ 219.620 χ^2 /NDF: 20.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 547.306+/-0.241 χ^2/NDF : 106940.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.684+/-0.203 χ^2/NDF : 108624.3/7

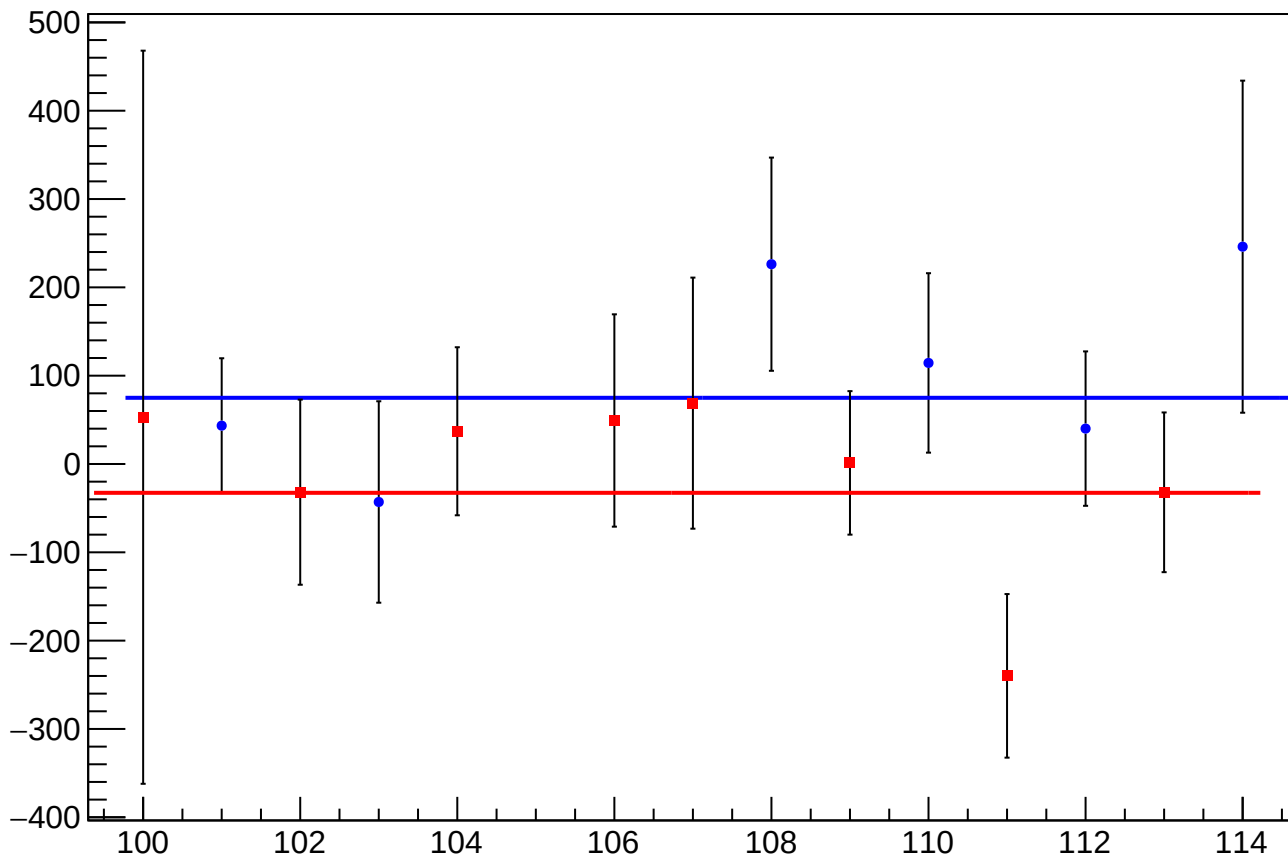
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.089+/-0.155 χ^2/NDF : 227640.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 74.948 $\pm$ 41.767 χ^2 /NDF: 4.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.641 $\pm$ 37.361 χ^2 /NDF: 6.7/7

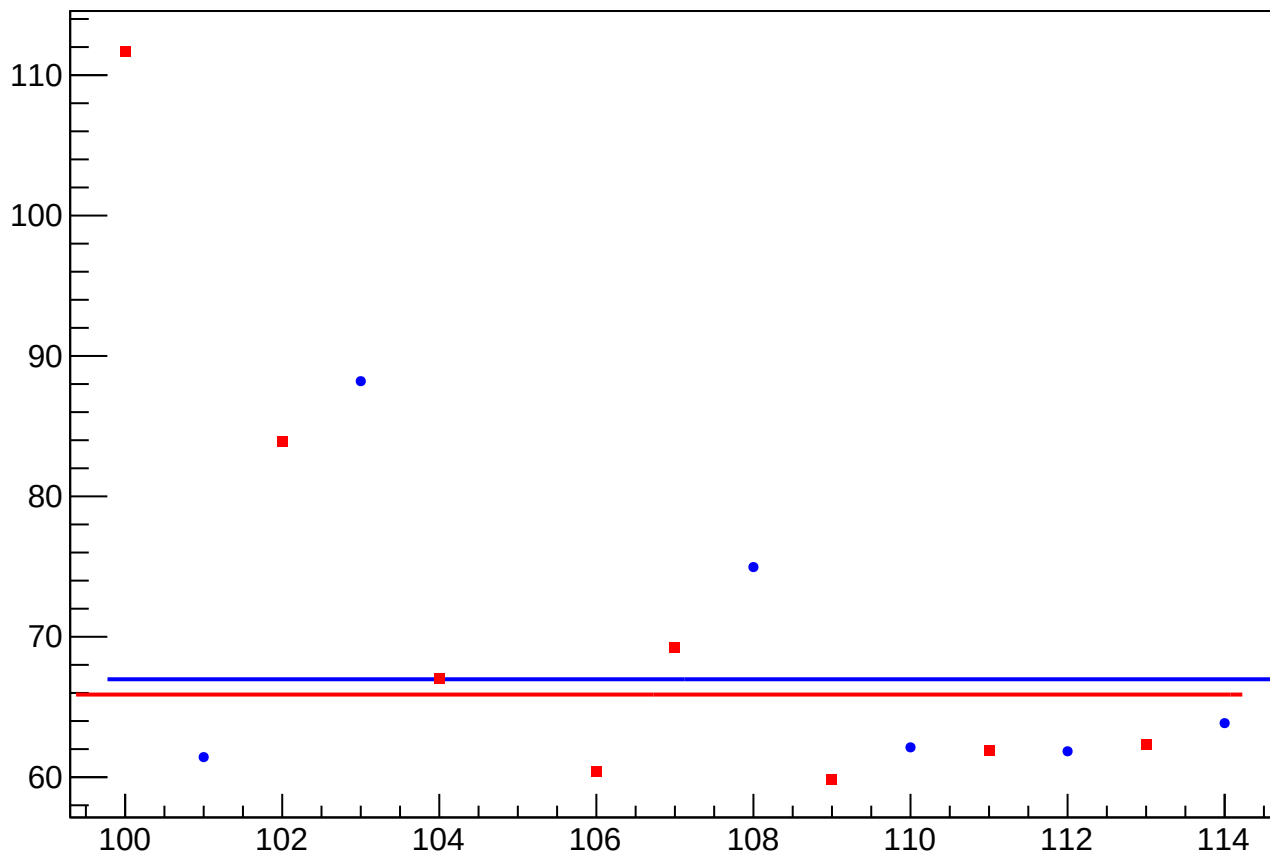
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.182 $\pm$ 27.846 χ^2 /NDF: 14.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 66.974 $\pm$ 0.030 χ^2 /NDF: 100623.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.884 $\pm$ 0.026 χ^2 /NDF: 106804.2/7

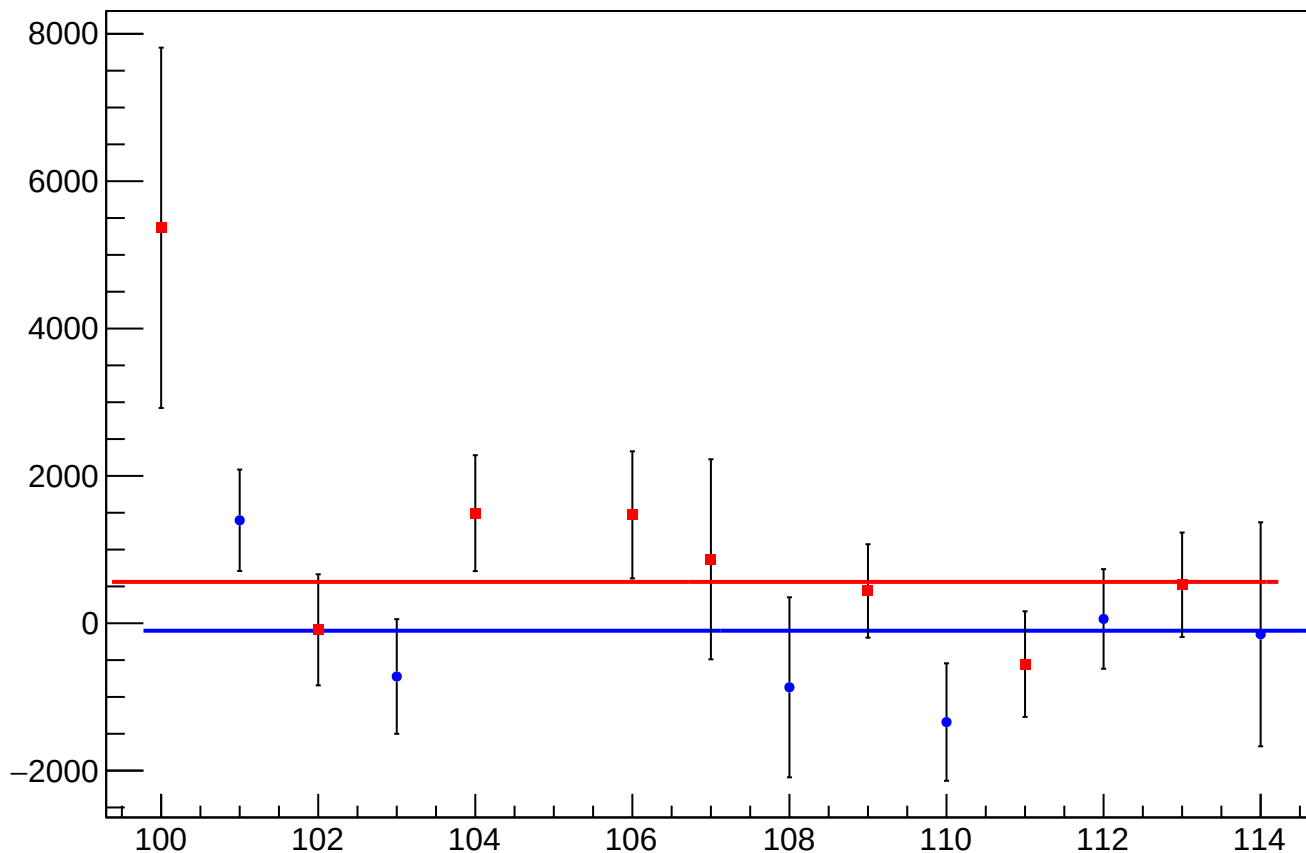
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.369 $\pm$ 0.020 χ^2 /NDF: 208183.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: -101.180 $\pm$ 340.480 χ^2 /NDF: 8.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 561.490 $\pm$ 290.480 χ^2 /NDF: 9.6/7

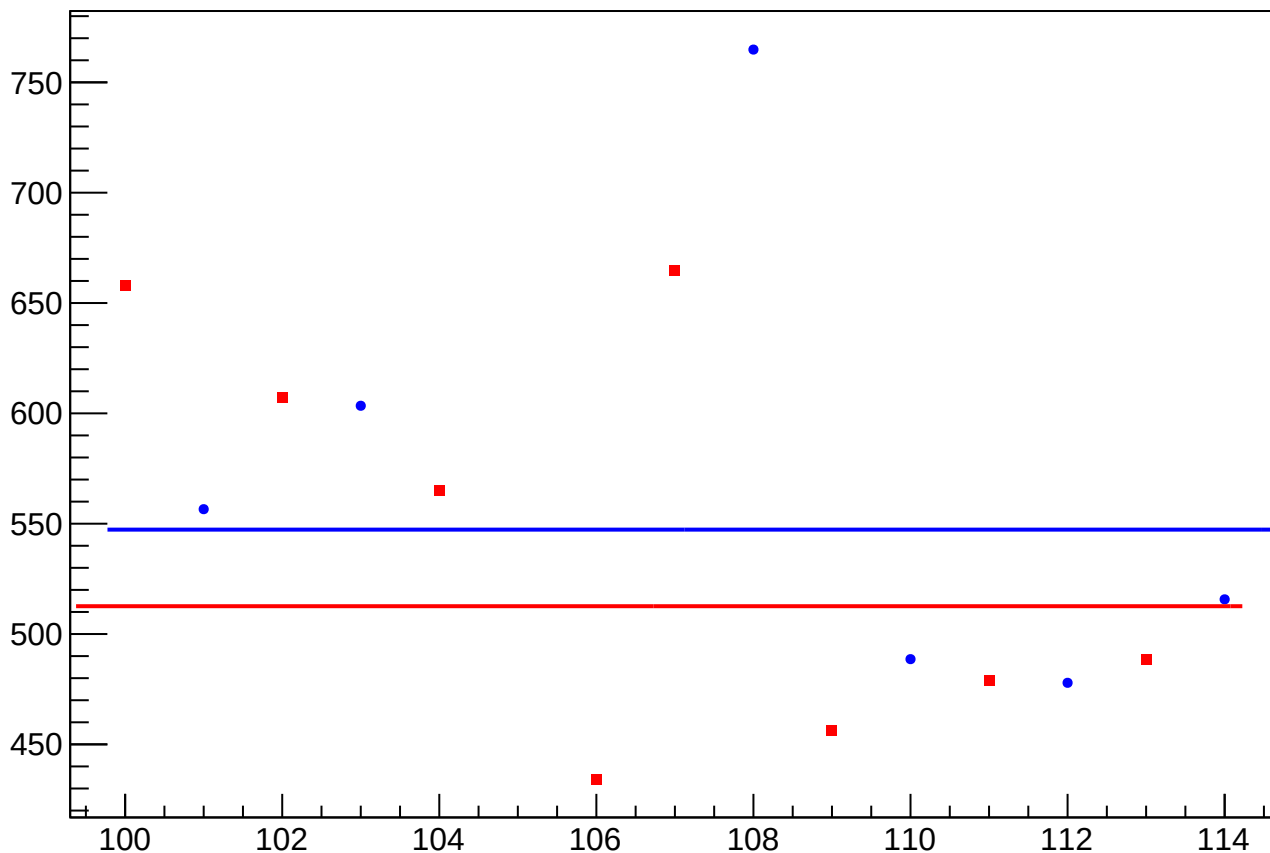
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 282.340 $\pm$ 220.985 χ^2 /NDF: 20.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 547.313 $\pm$ 0.241 χ^2 /NDF: 106956.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 512.610 $\pm$ 0.205 χ^2 /NDF: 111734.4/7

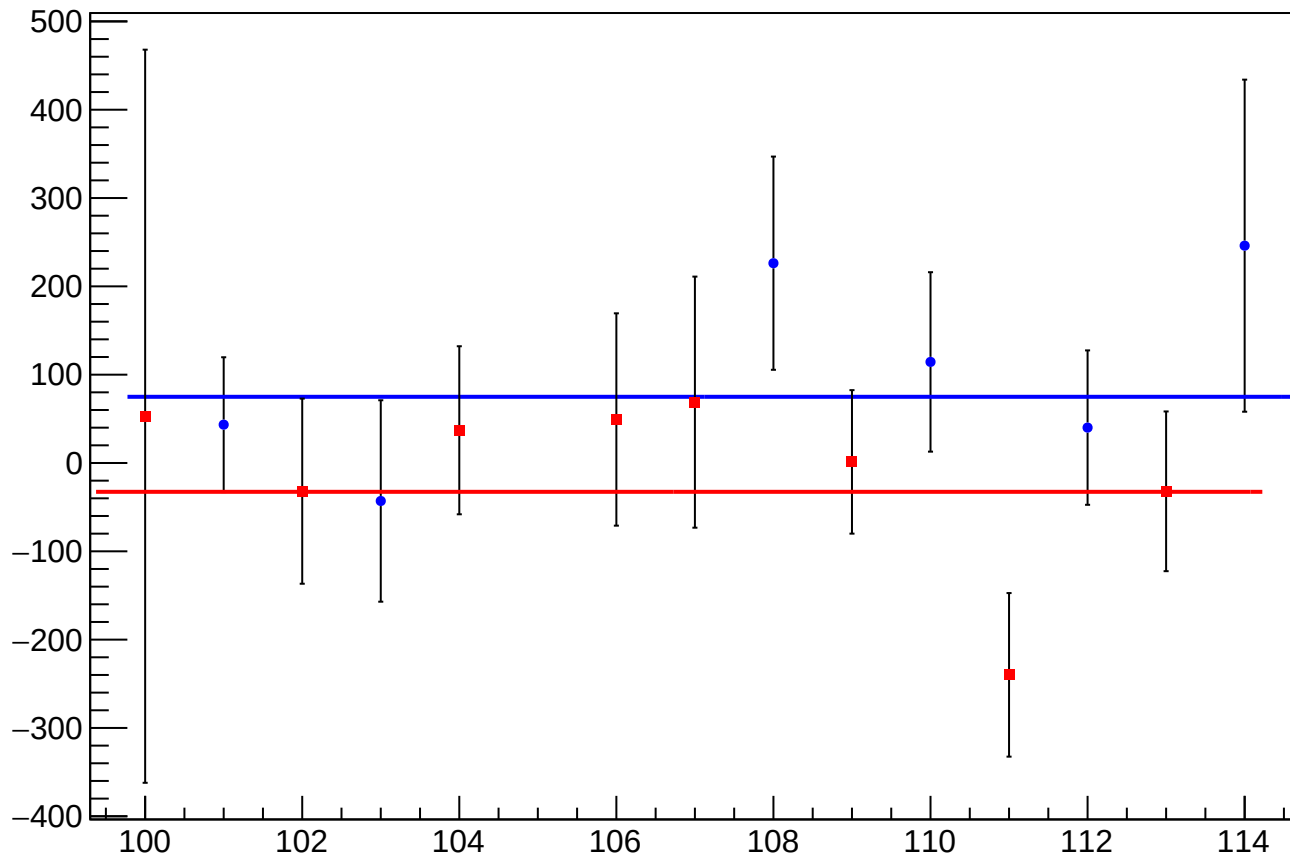
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 527.229 $\pm$ 0.156 χ^2 /NDF: 230715.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 74.948+/-41.767 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.641+/-37.361 χ^2/NDF : 6.7/7

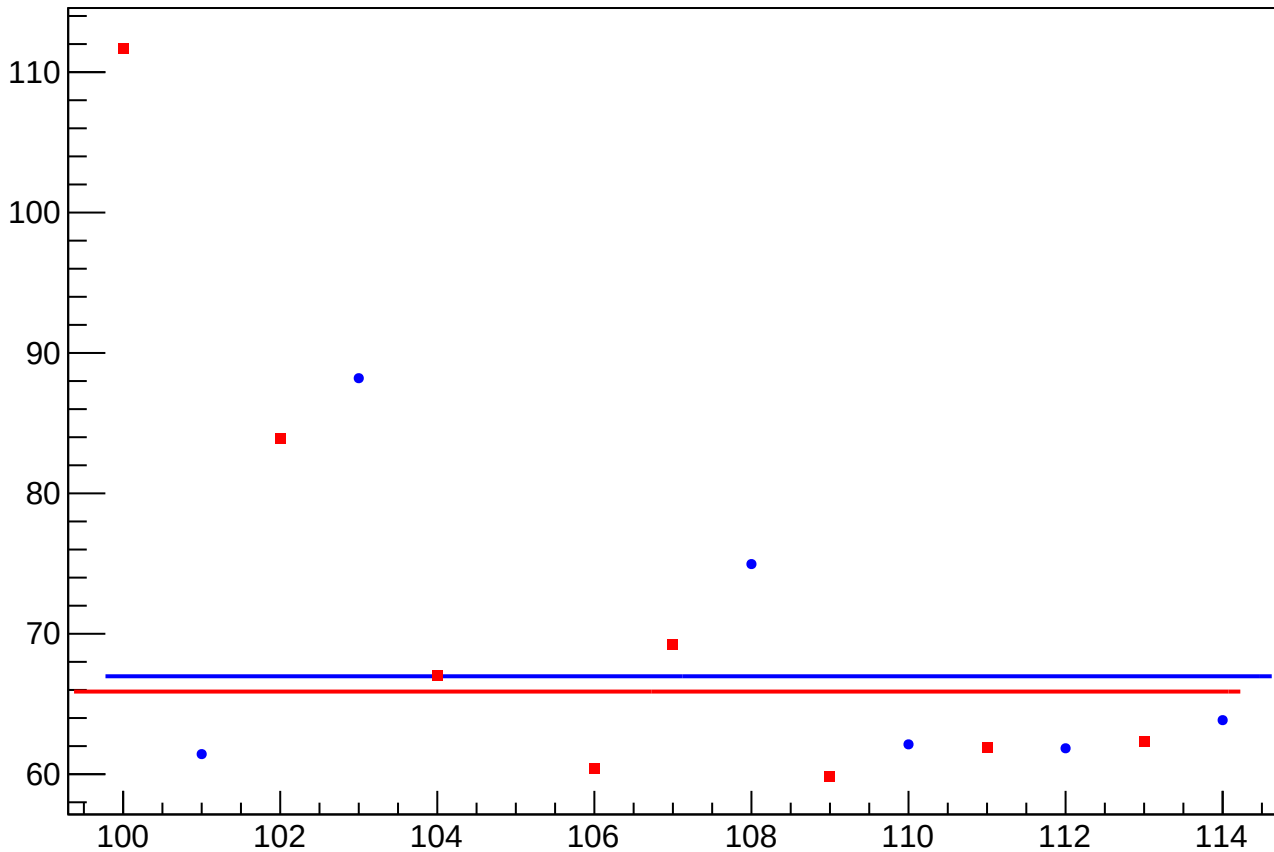
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.182+/-27.846 χ^2/NDF : 14.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 66.974 $\pm$ 0.030 χ^2 /NDF: 100623.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.884 $\pm$ 0.026 χ^2 /NDF: 106804.2/7

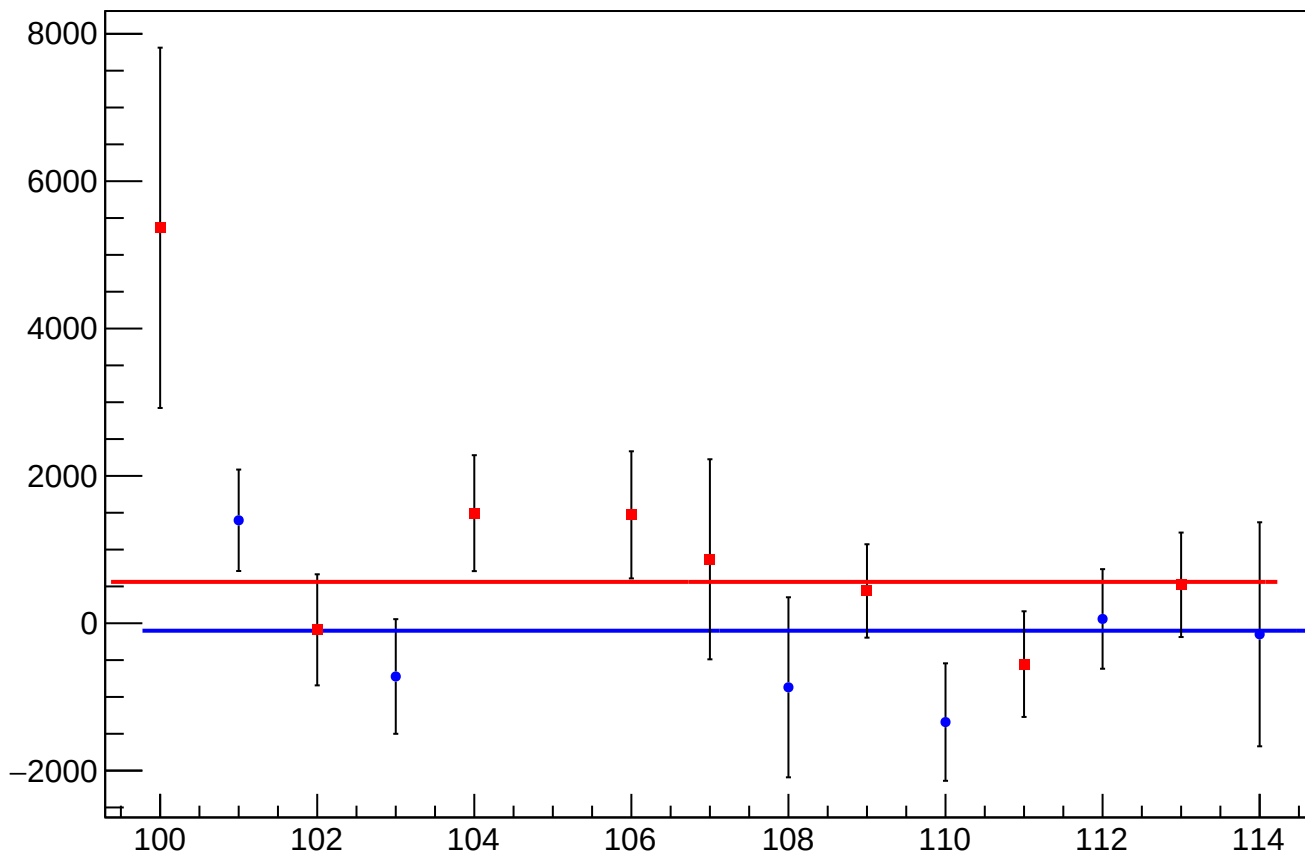
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.369 $\pm$ 0.020 χ^2 /NDF: 208183.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: -101.180 $\pm$ 340.480 χ^2 /NDF: 8.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 561.490 $\pm$ 290.480 χ^2 /NDF: 9.6/7

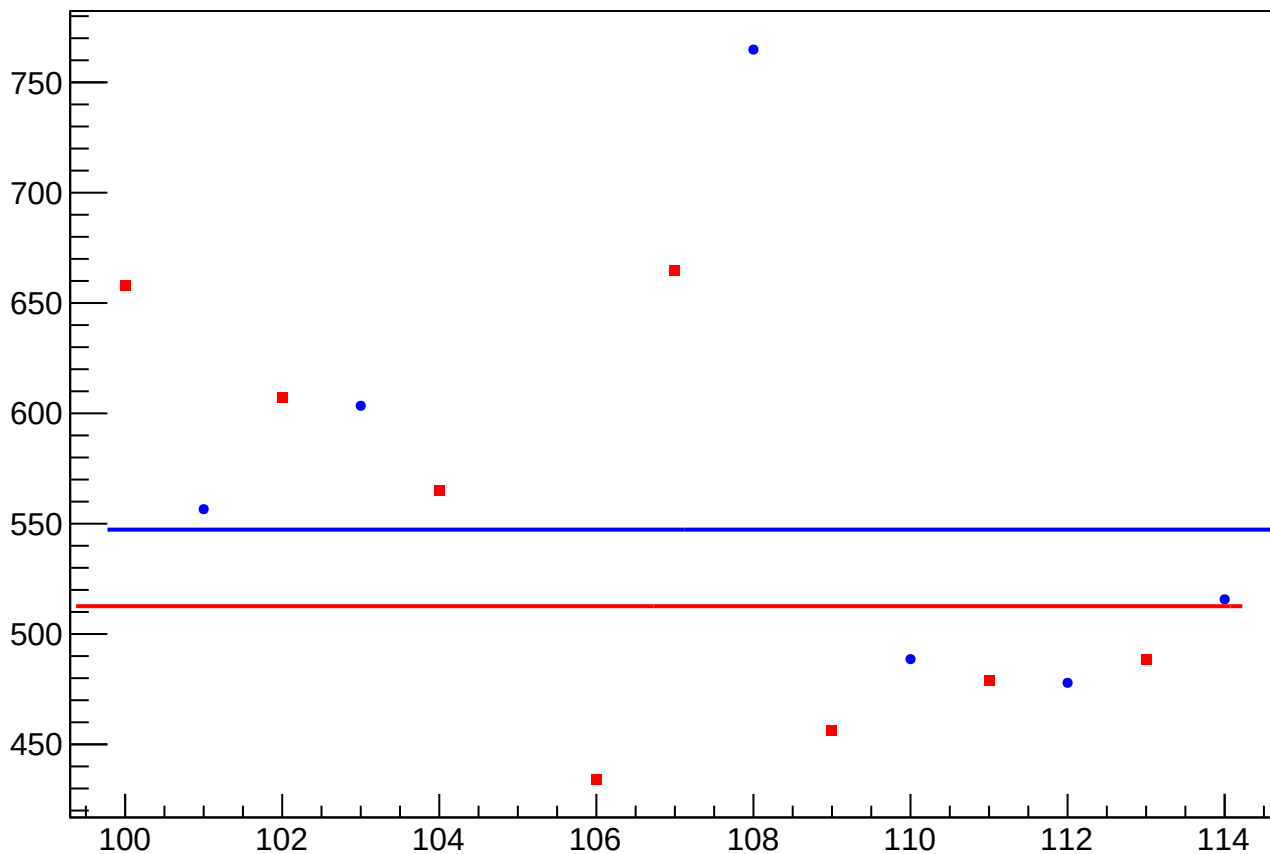
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 282.340 $\pm$ 220.985 χ^2 /NDF: 20.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 547.313 $\pm$ 0.241 χ^2 /NDF: 106956.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 512.610 $\pm$ 0.205 χ^2 /NDF: 111734.4/7

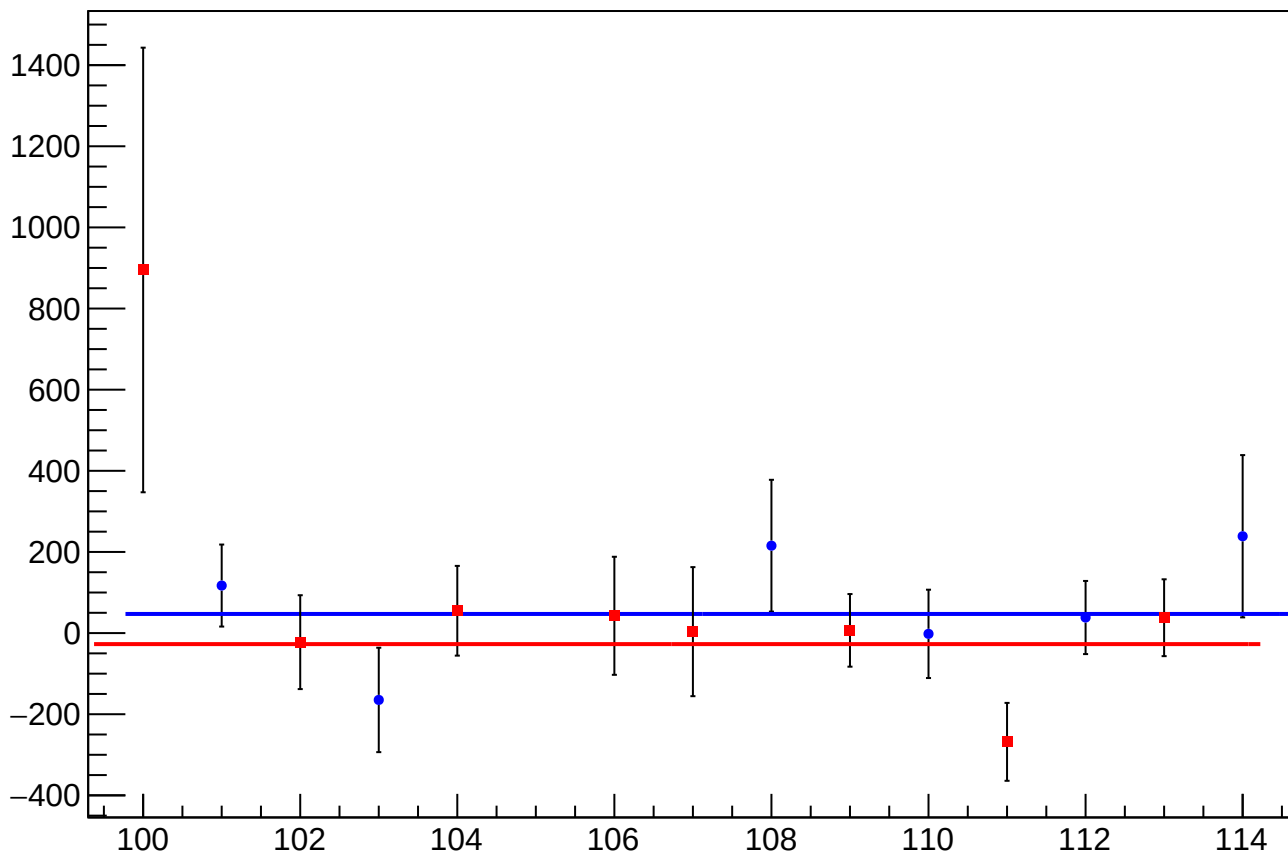
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 527.229 $\pm$ 0.156 χ^2 /NDF: 230715.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 47.161+/-48.307 χ^2/NDF : 5.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.168+/-41.125 χ^2/NDF : 10.6/7

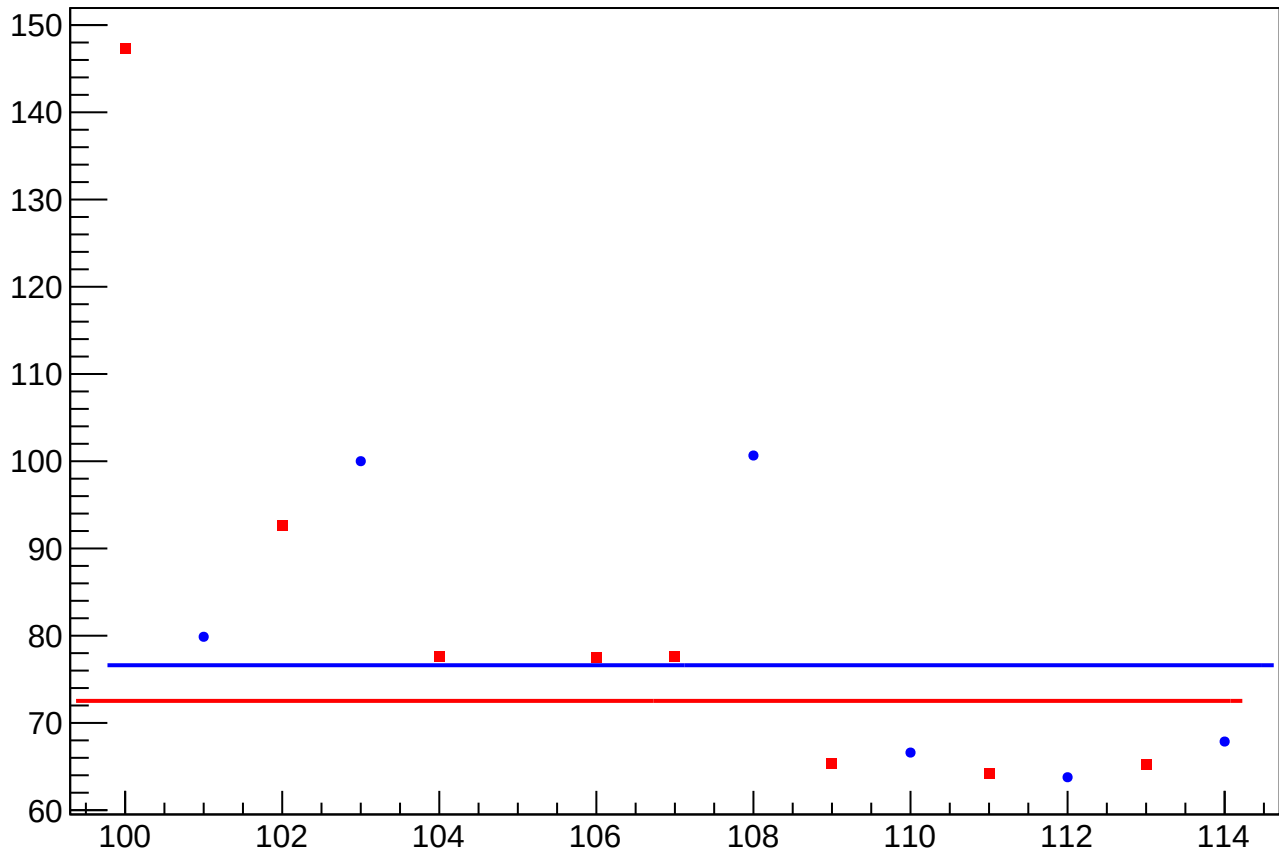
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.066+/-31.314 χ^2/NDF : 17.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 76.614 $\pm$ 0.034 χ^2 /NDF: 173286.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.527 $\pm$ 0.029 χ^2 /NDF: 146231.2/7

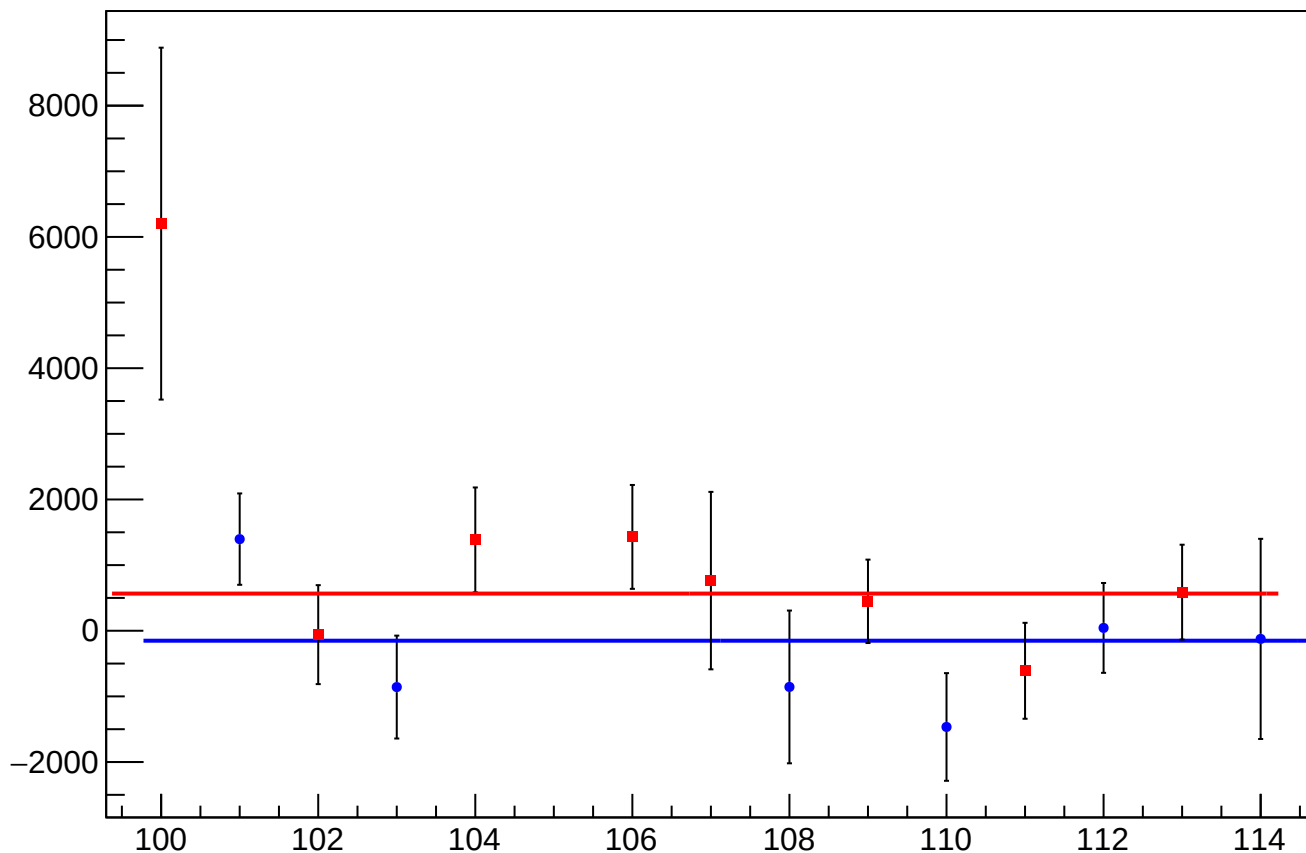
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.245 $\pm$ 0.022 χ^2 /NDF: 327816.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: -151.807 $\pm$ 343.386 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 566.284 $\pm$ 290.180 χ^2 /NDF: 10.0/7

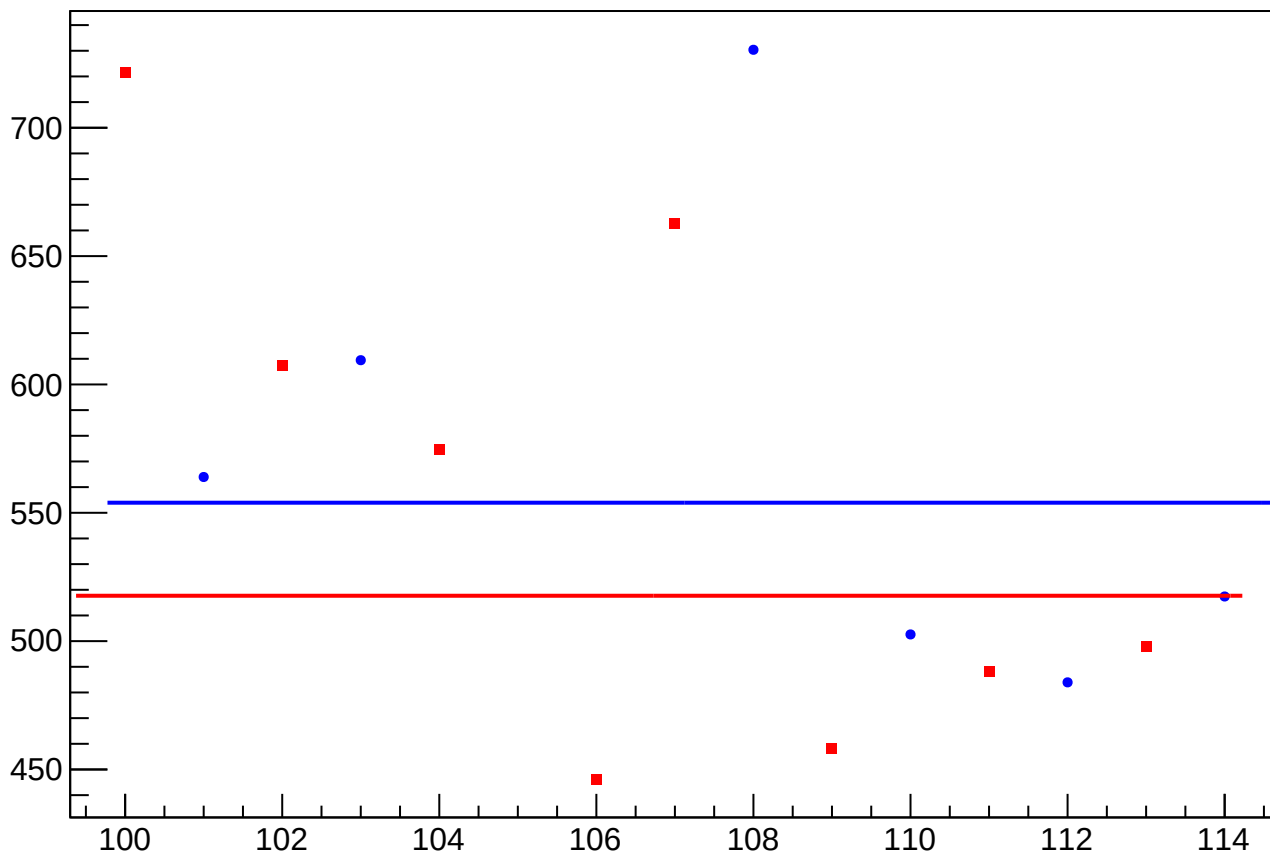
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 267.120 $\pm$ 221.639 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 553.932 $\pm$ 0.243 χ^2 /NDF: 86316.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 517.683 $\pm$ 0.205 χ^2 /NDF: 111855.9/7

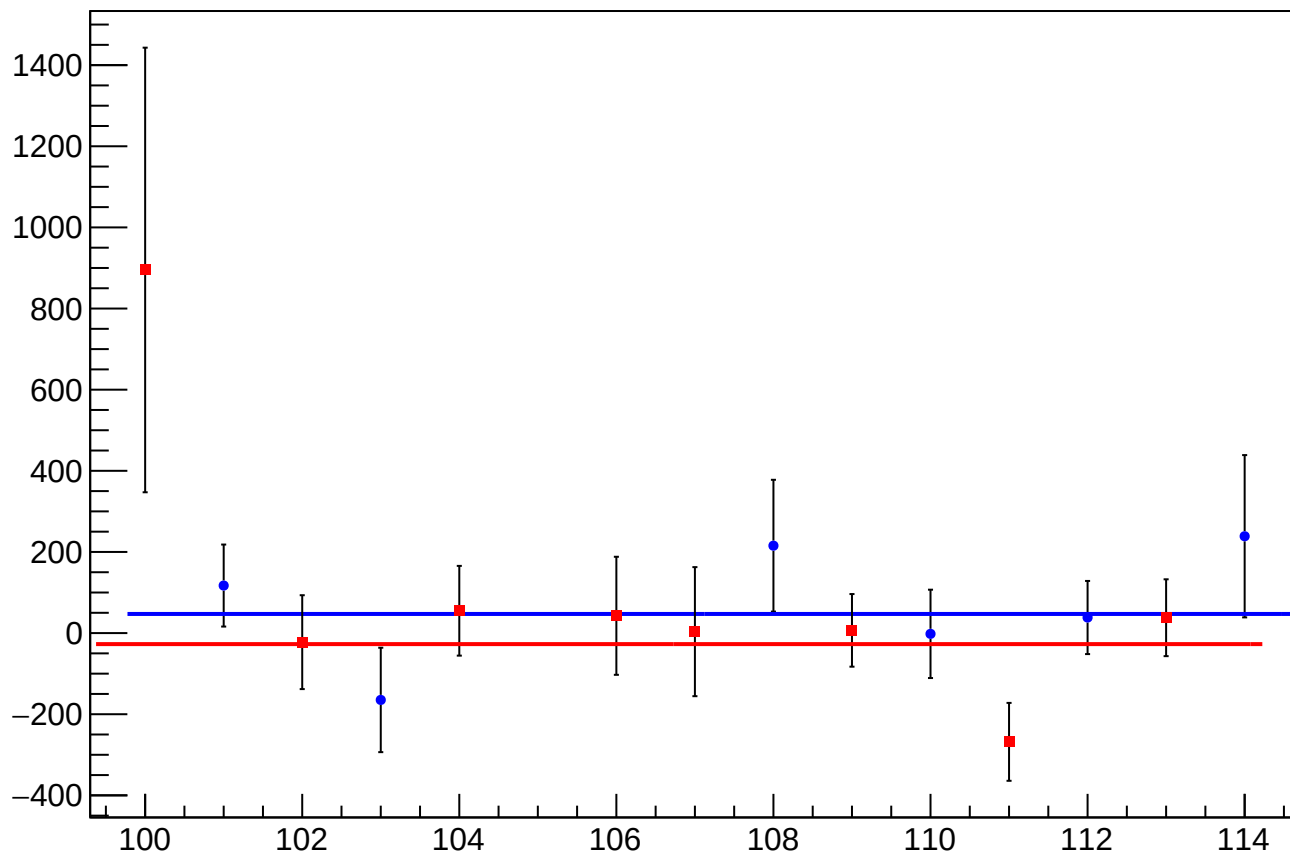
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 532.784 $\pm$ 0.157 χ^2 /NDF: 211174.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 47.161 $\pm$ 48.307 χ^2 /NDF: 5.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.169 $\pm$ 41.125 χ^2 /NDF: 10.6/7

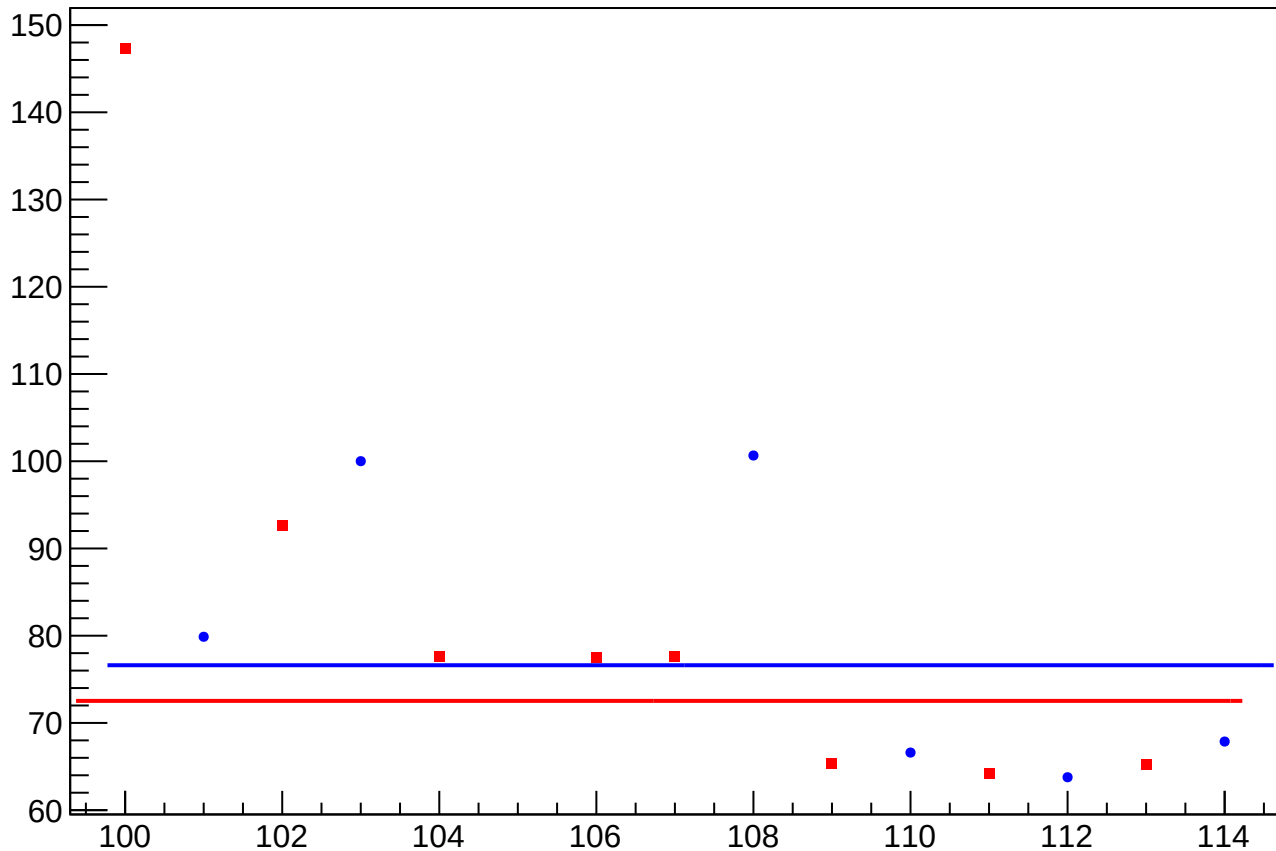
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.065 $\pm$ 31.314 χ^2 /NDF: 17.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 76.614 $\pm$ 0.034 χ^2 /NDF: 173289.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.527 $\pm$ 0.029 χ^2 /NDF: 146232.7/7

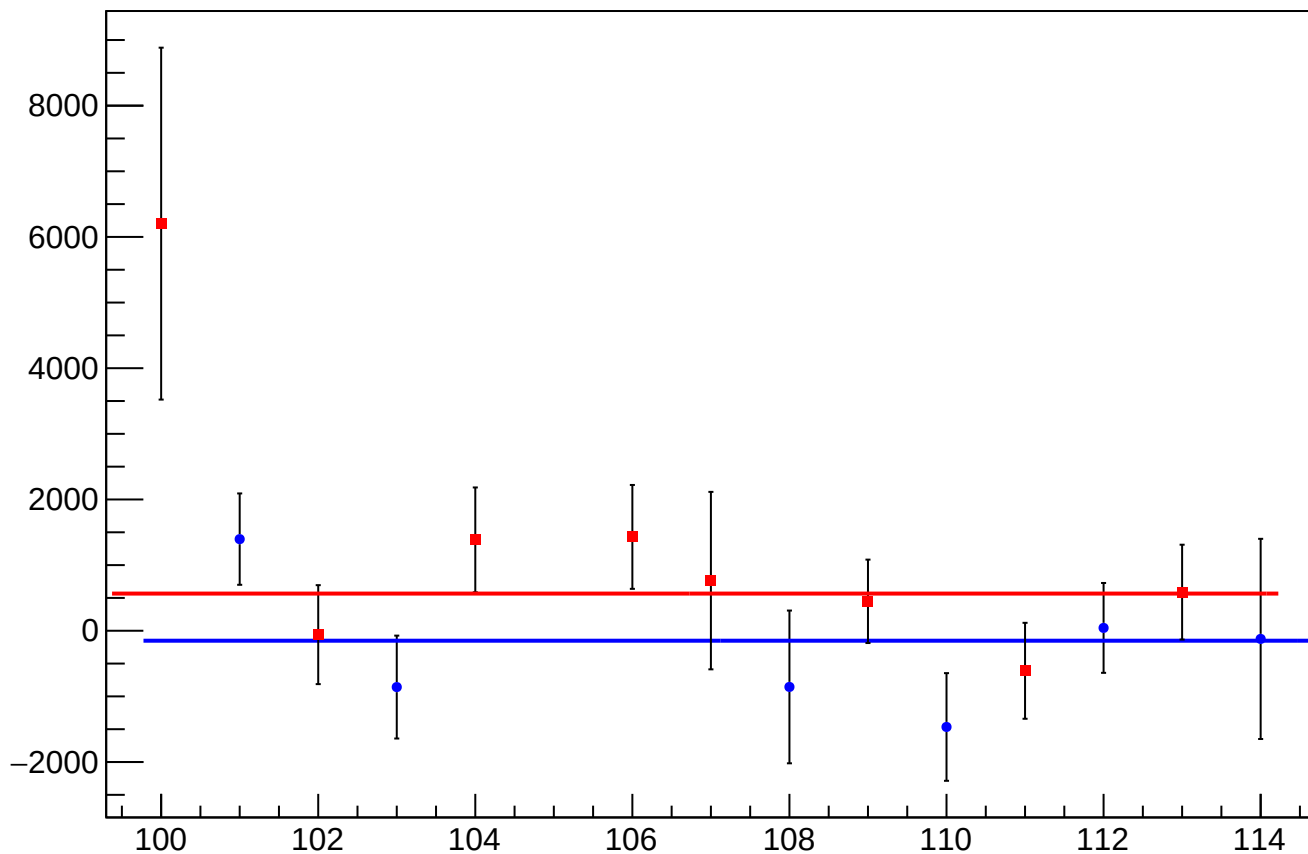
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.245 $\pm$ 0.022 χ^2 /NDF: 327821.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: -151.807 $\pm$ 343.385 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 566.283 $\pm$ 290.179 χ^2 /NDF: 10.0/7

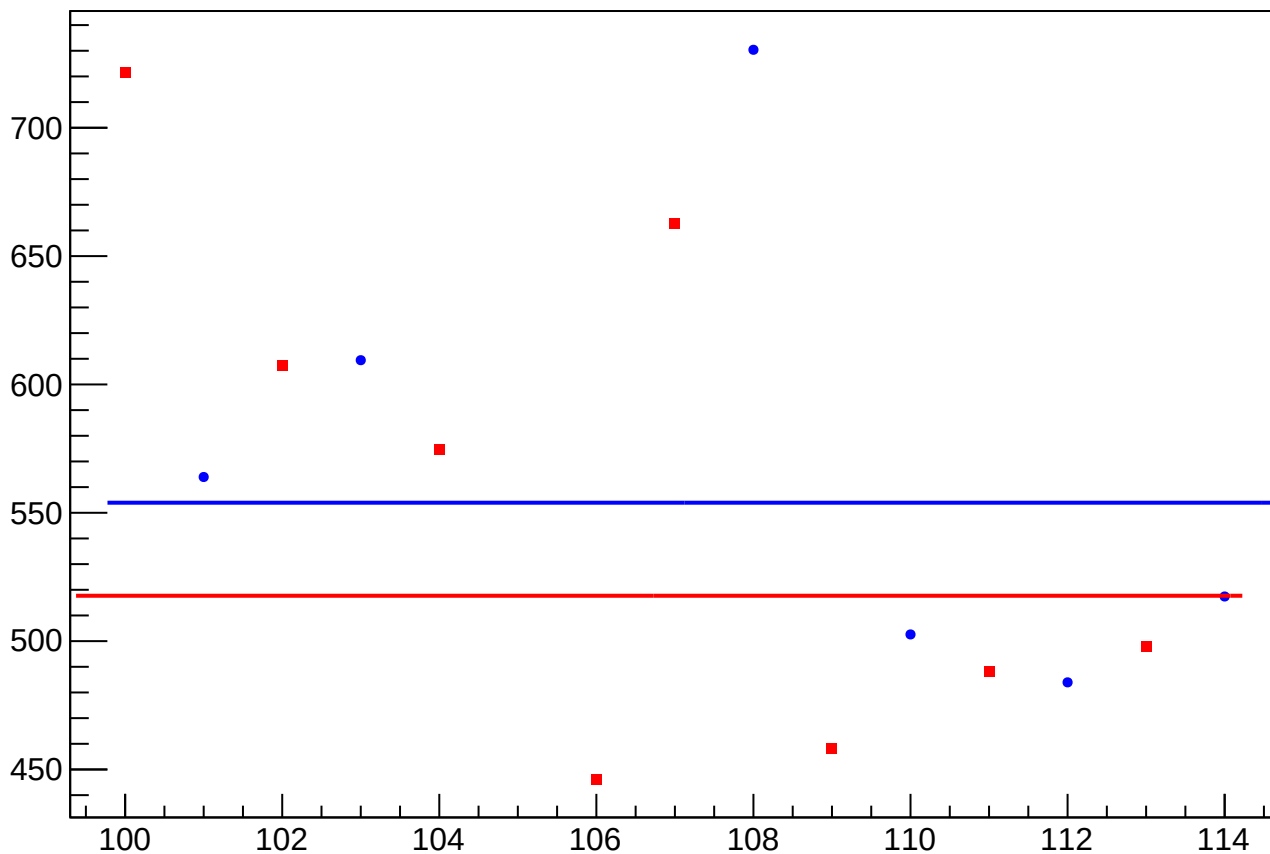
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 267.120 $\pm$ 221.639 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



Right In: 553.931 $\pm$ 0.243 χ^2 /NDF: 86317.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 517.682 $\pm$ 0.205 χ^2 /NDF: 111856.9/7

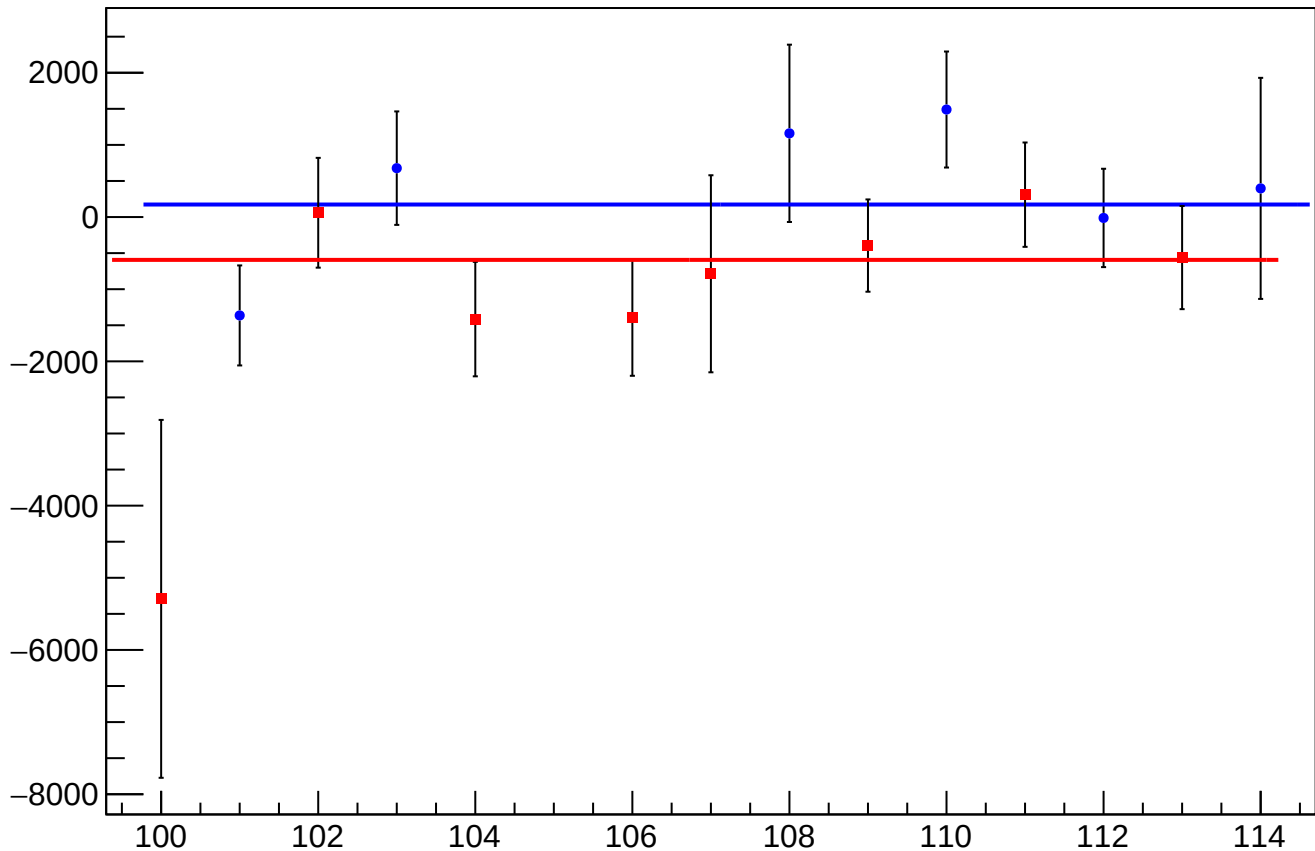
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 532.784 $\pm$ 0.157 χ^2 /NDF: 211176.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug



Right In: 173.637 ± 343.276 χ^2/NDF : 8.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -593.707 ± 290.260 χ^2/NDF : 8.1/7

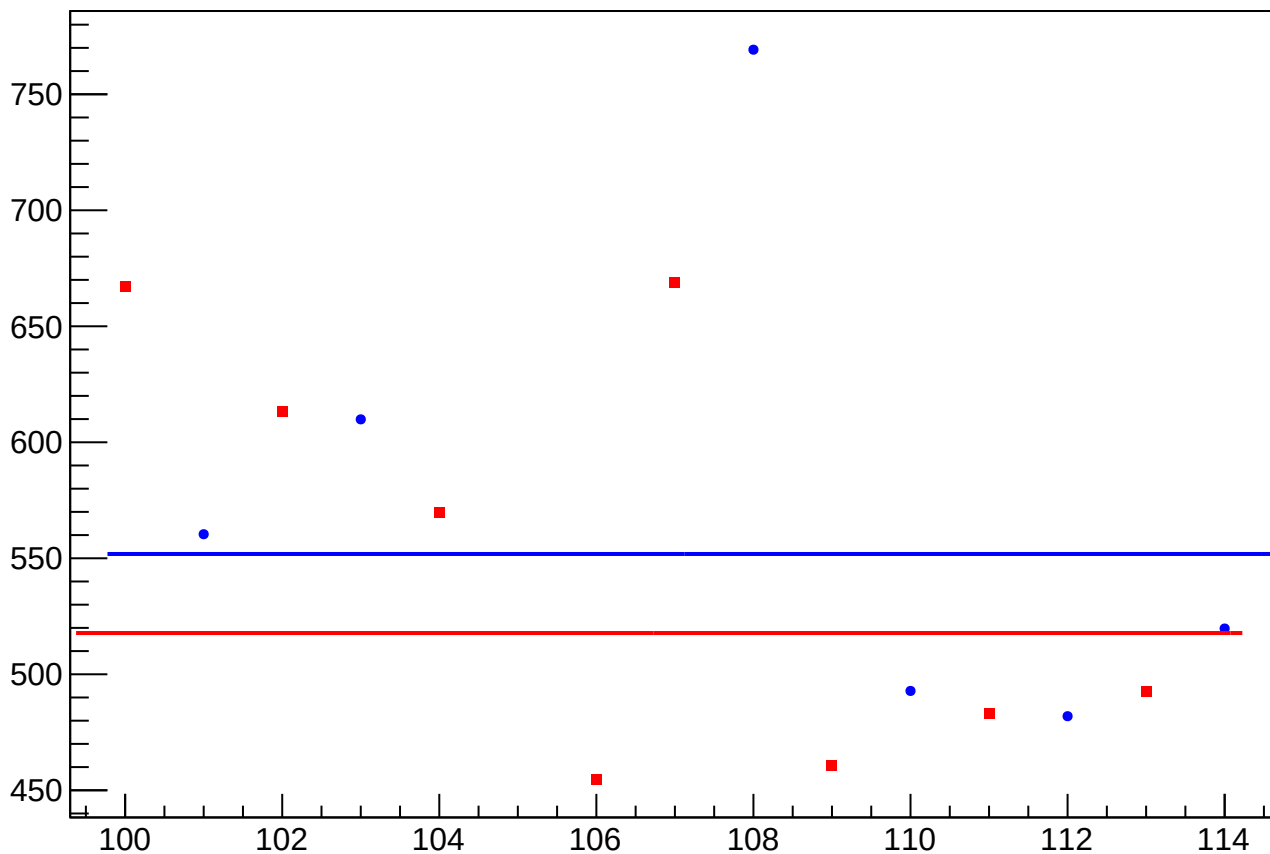
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -273.802 ± 221.645 χ^2/NDF : 19.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 551.856 $\pm$ 0.243 χ^2 /NDF: 106477.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 517.788 $\pm$ 0.205 χ^2 /NDF: 107000.9/7

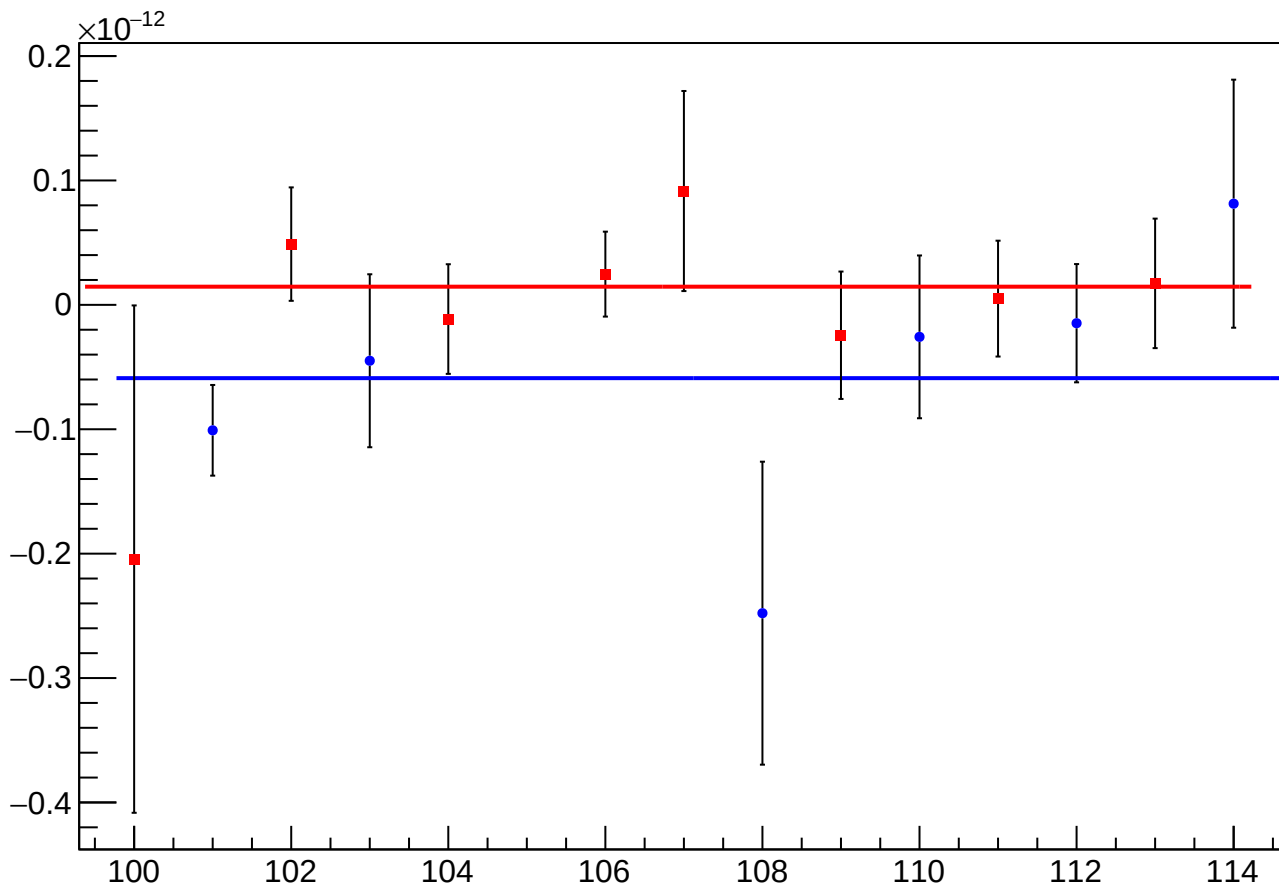
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 531.991 $\pm$ 0.157 χ^2 /NDF: 224964.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 6.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 3.7/7

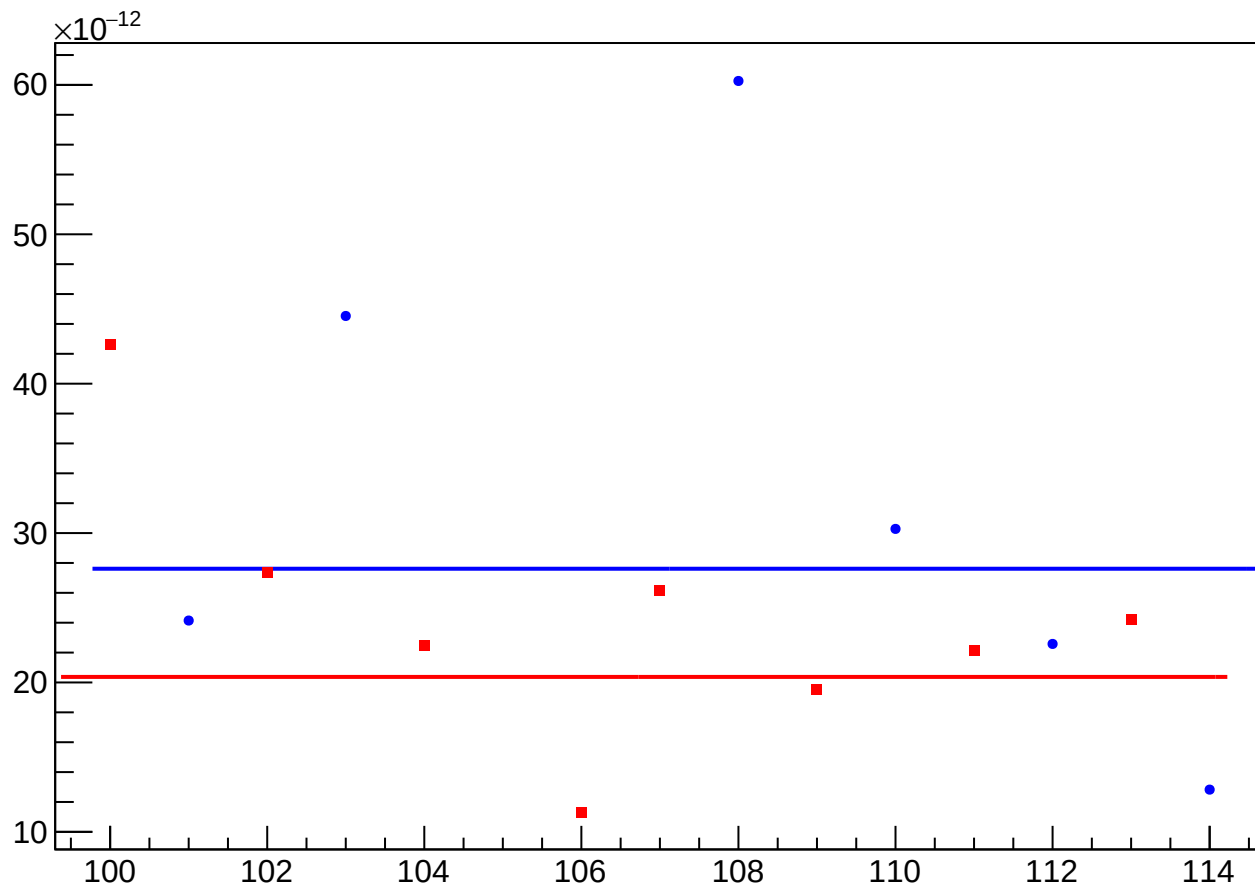
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 16.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 350081.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 241289.5/7

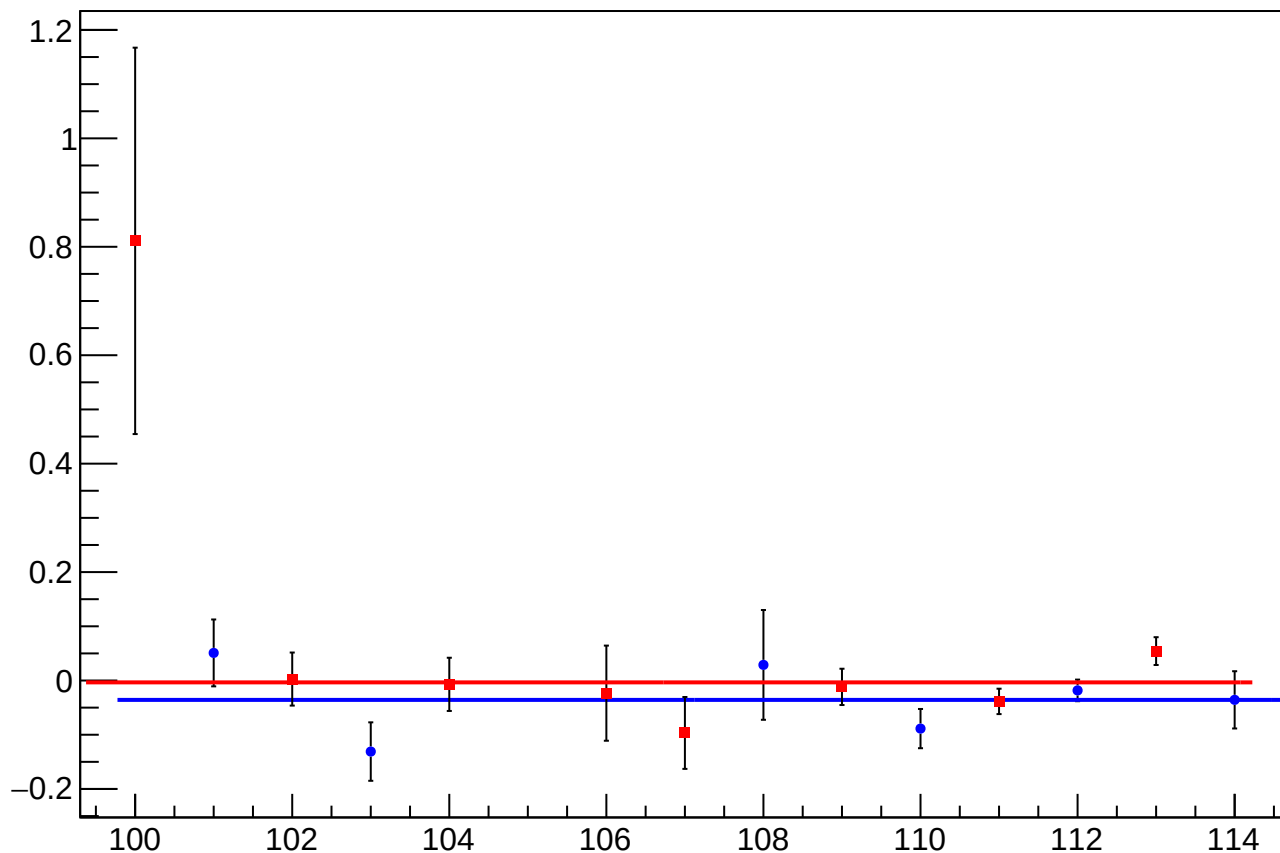
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 712961.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.015 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.014 χ^2 /NDF: 14.7/7

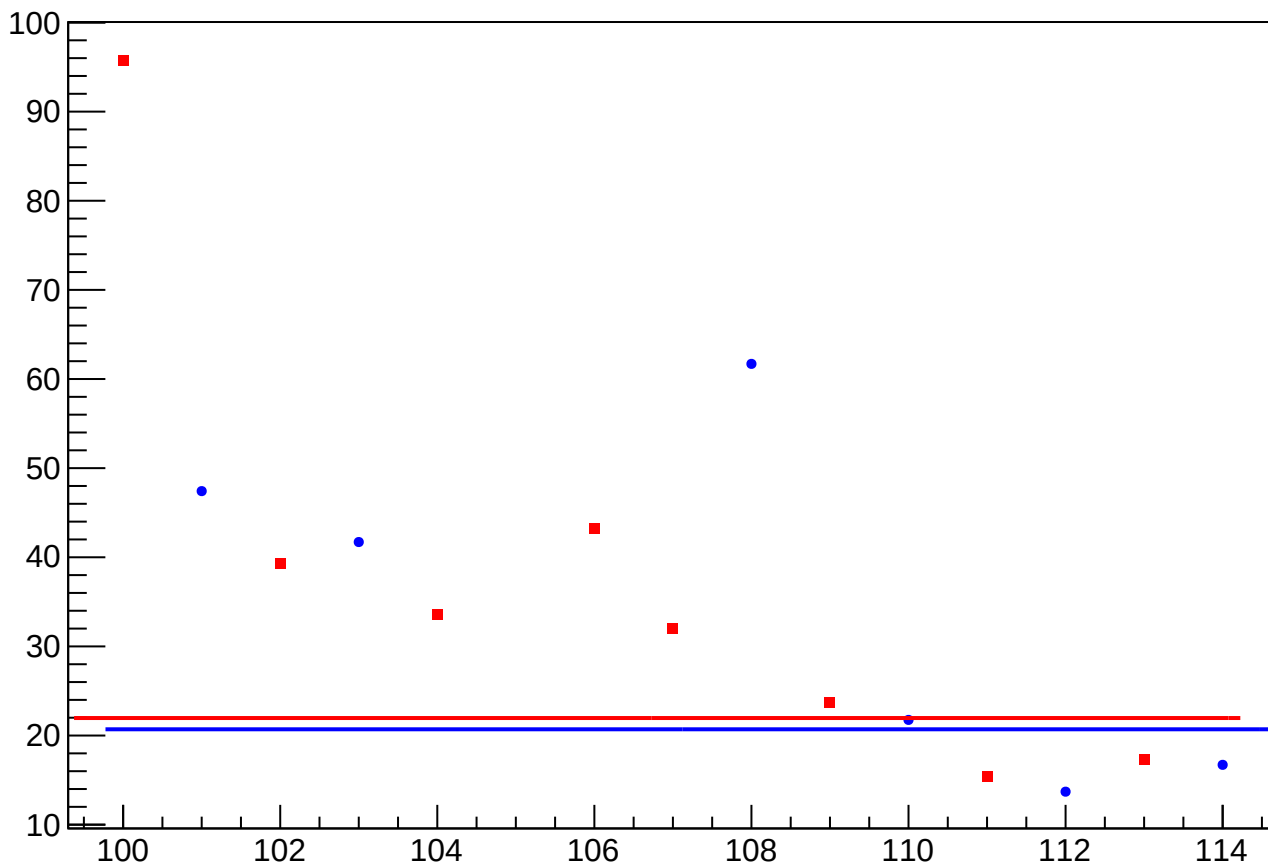
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.010 χ^2 /NDF: 25.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 20.701 $\pm$ 0.011 χ^2 /NDF: 1267063.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.964 $\pm$ 0.010 χ^2 /NDF: 841394.3/7

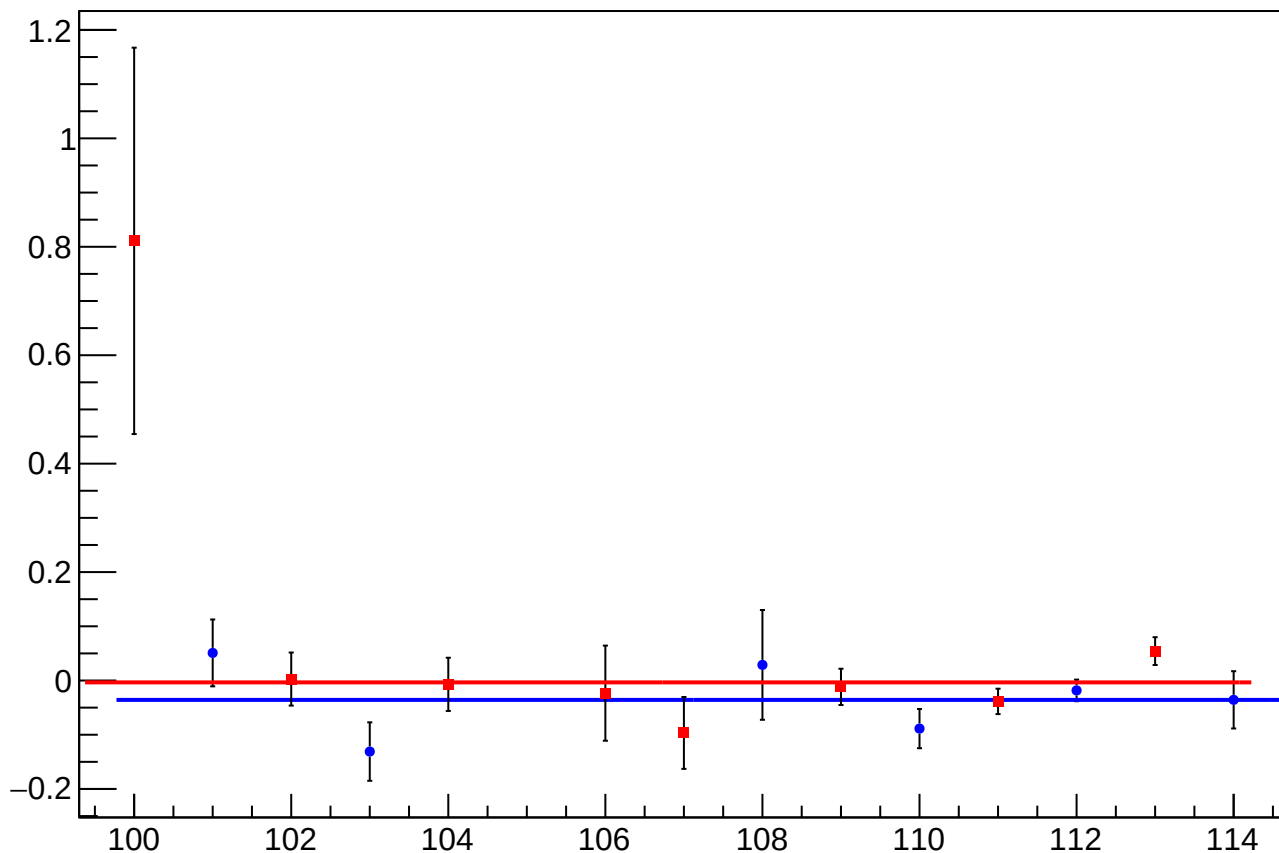
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.403 $\pm$ 0.007 χ^2 /NDF: 2116169.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.015 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.014 χ^2 /NDF: 14.7/7

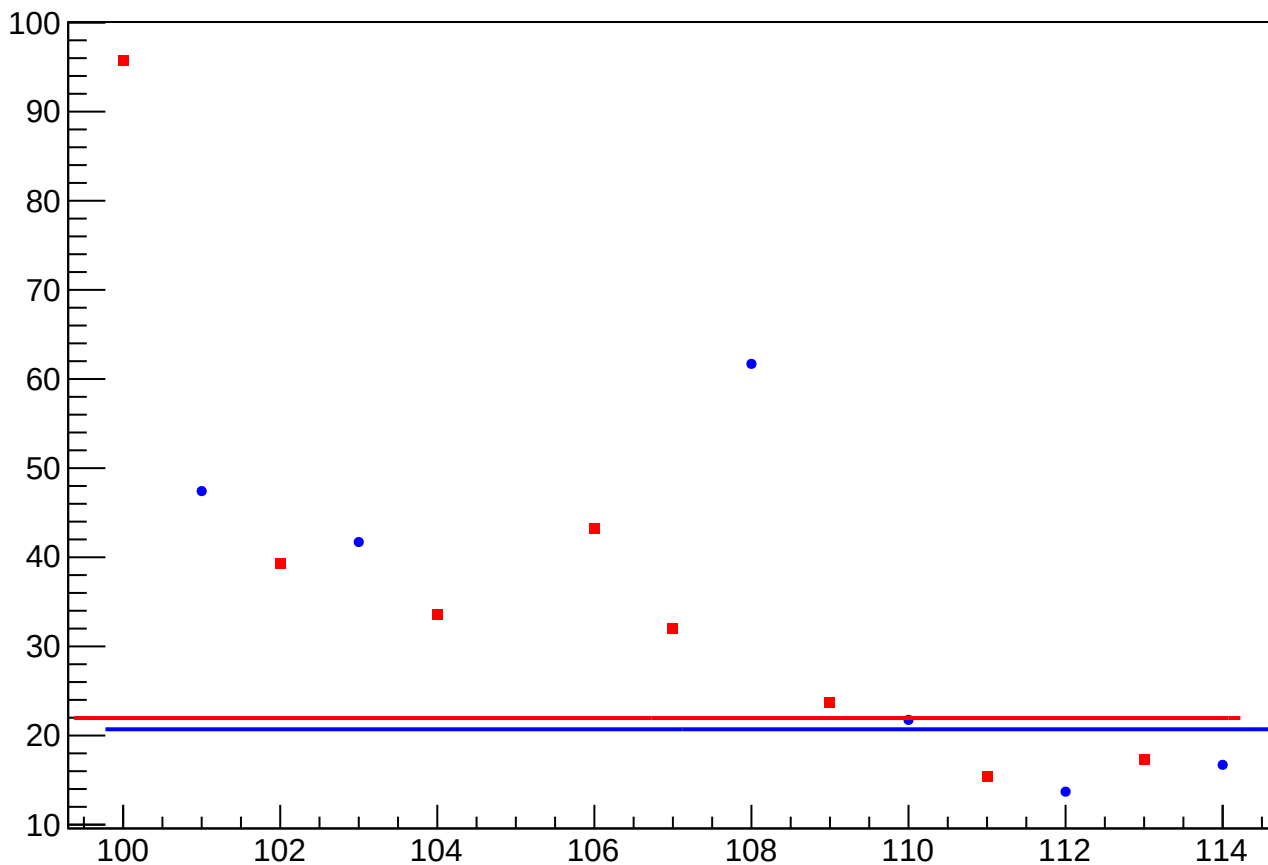
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.010 χ^2 /NDF: 25.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.701 $\pm$ 0.011 χ^2 /NDF: 1267063.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.964 $\pm$ 0.010 χ^2 /NDF: 841394.3/7

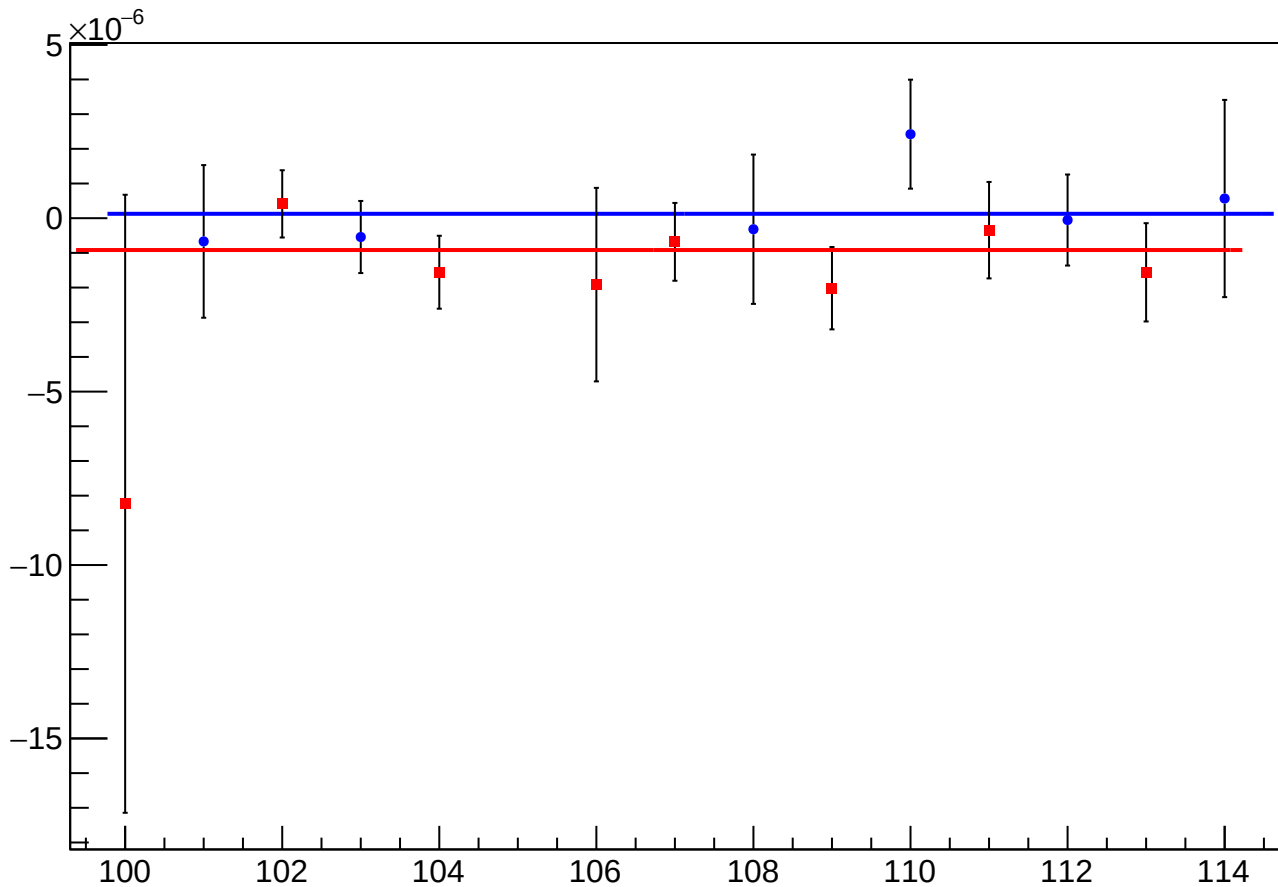
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.403 $\pm$ 0.007 χ^2 /NDF: 2116169.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/7

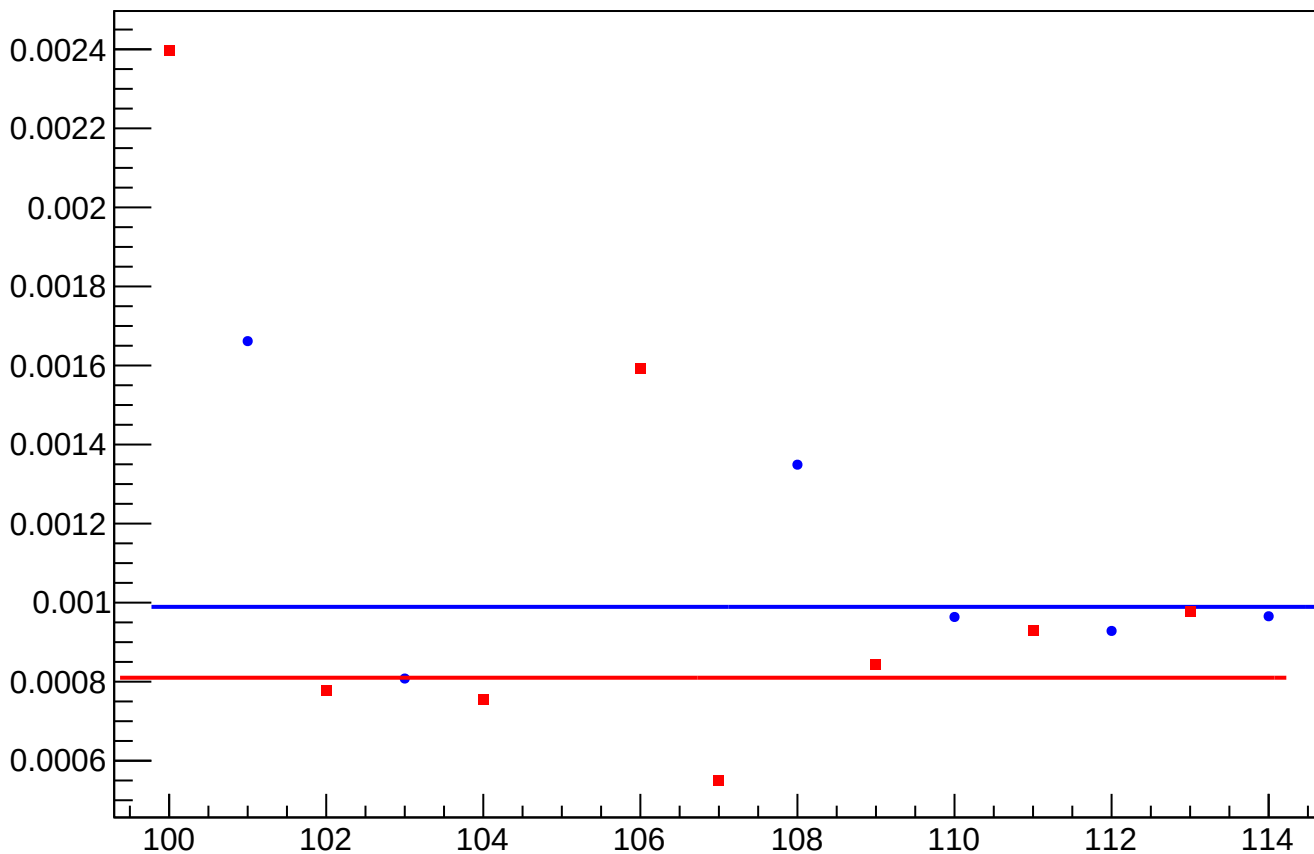
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 308397.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 379832.9/7

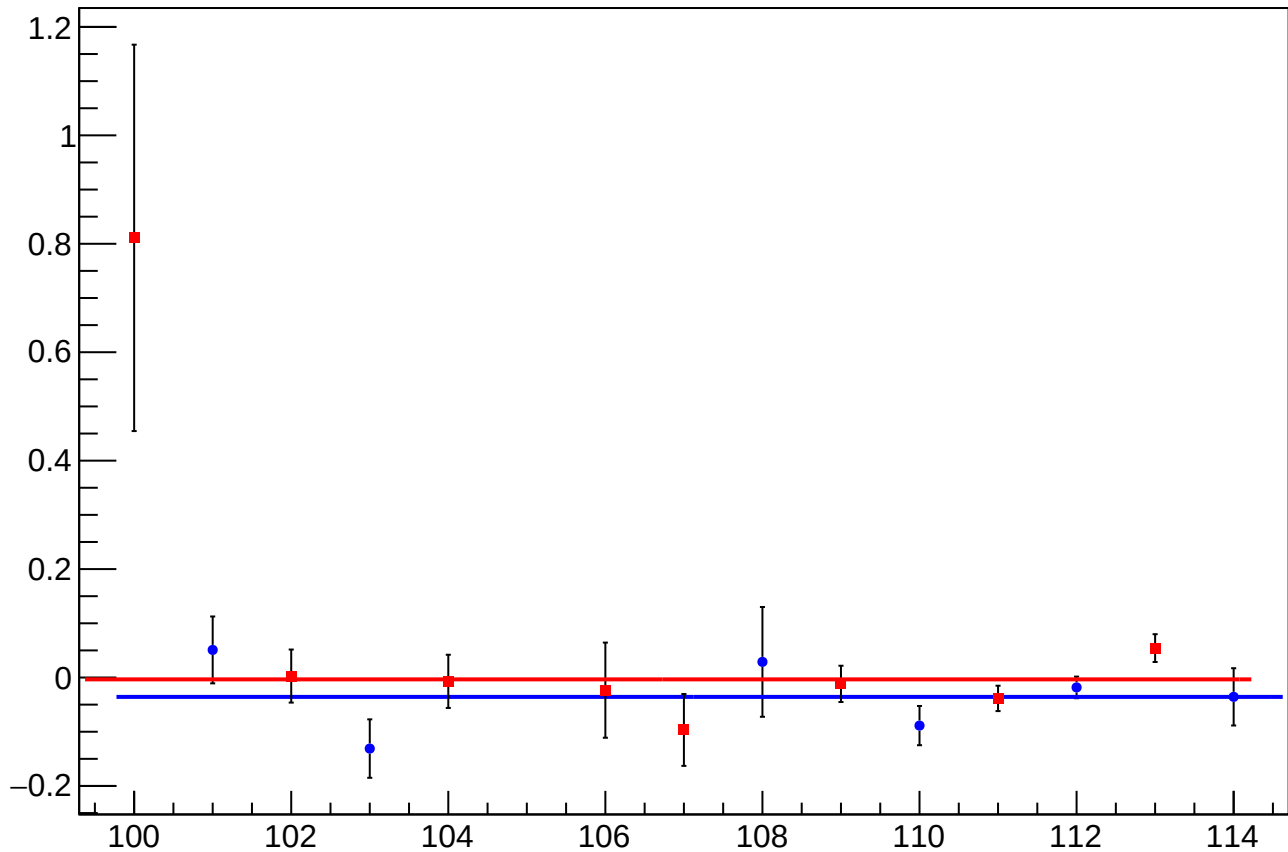
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 791427.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.036 ± 0.015 χ^2/NDF : 8.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.014 χ^2/NDF : 14.7/7

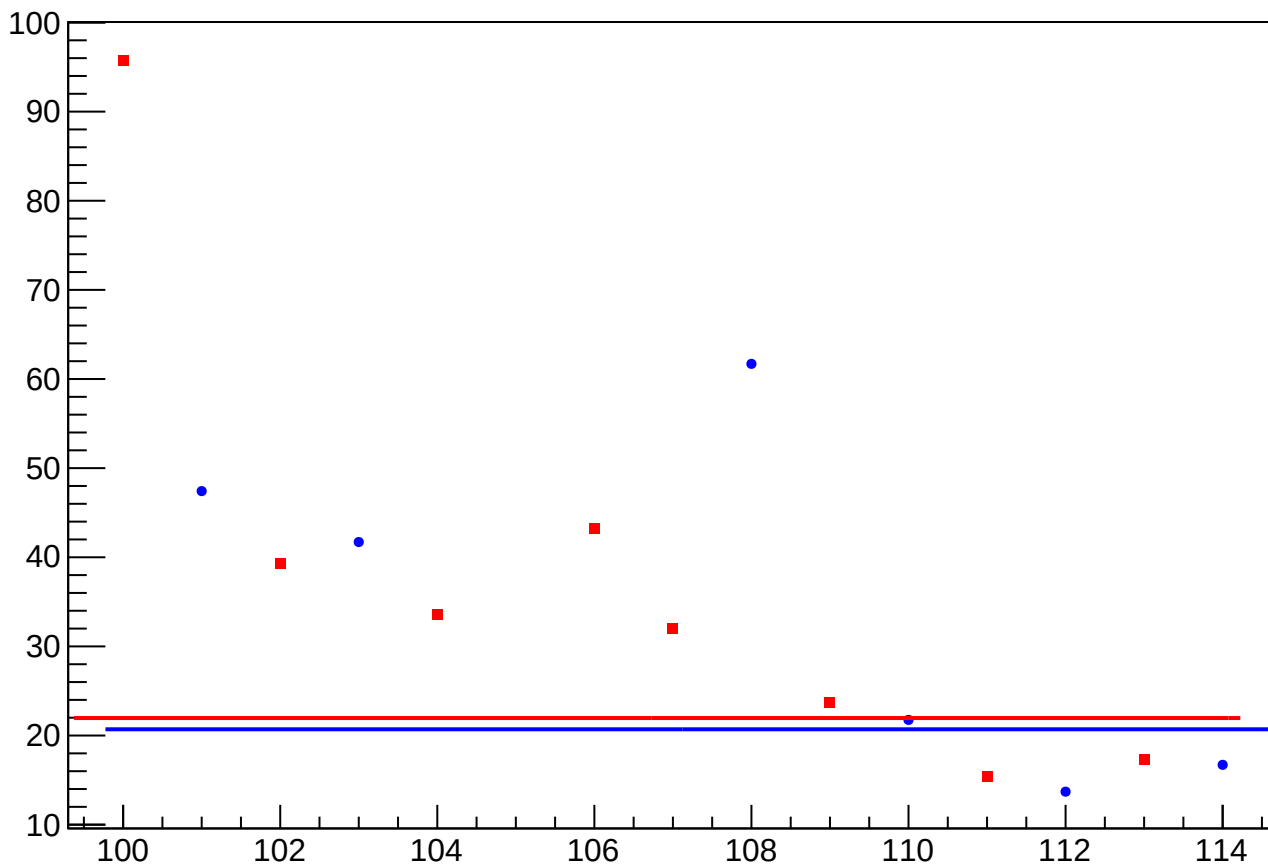
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.010 χ^2/NDF : 25.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 20.700+/-0.011 χ^2/NDF : 1267098.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.964+/-0.010 χ^2/NDF : 841442.5/7

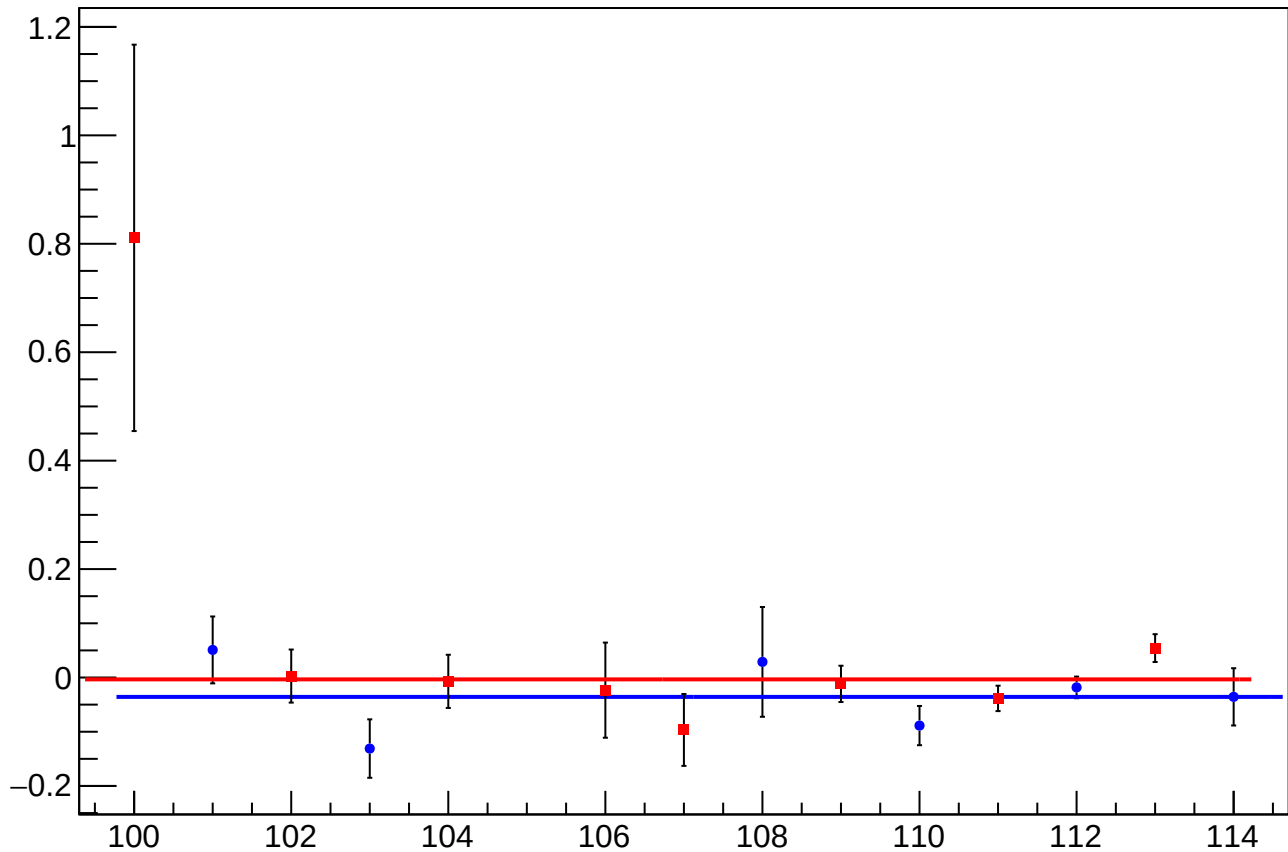
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.403+/-0.007 χ^2/NDF : 2116252.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.036 $\pm$ 0.015 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.014 χ^2 /NDF: 14.7/7

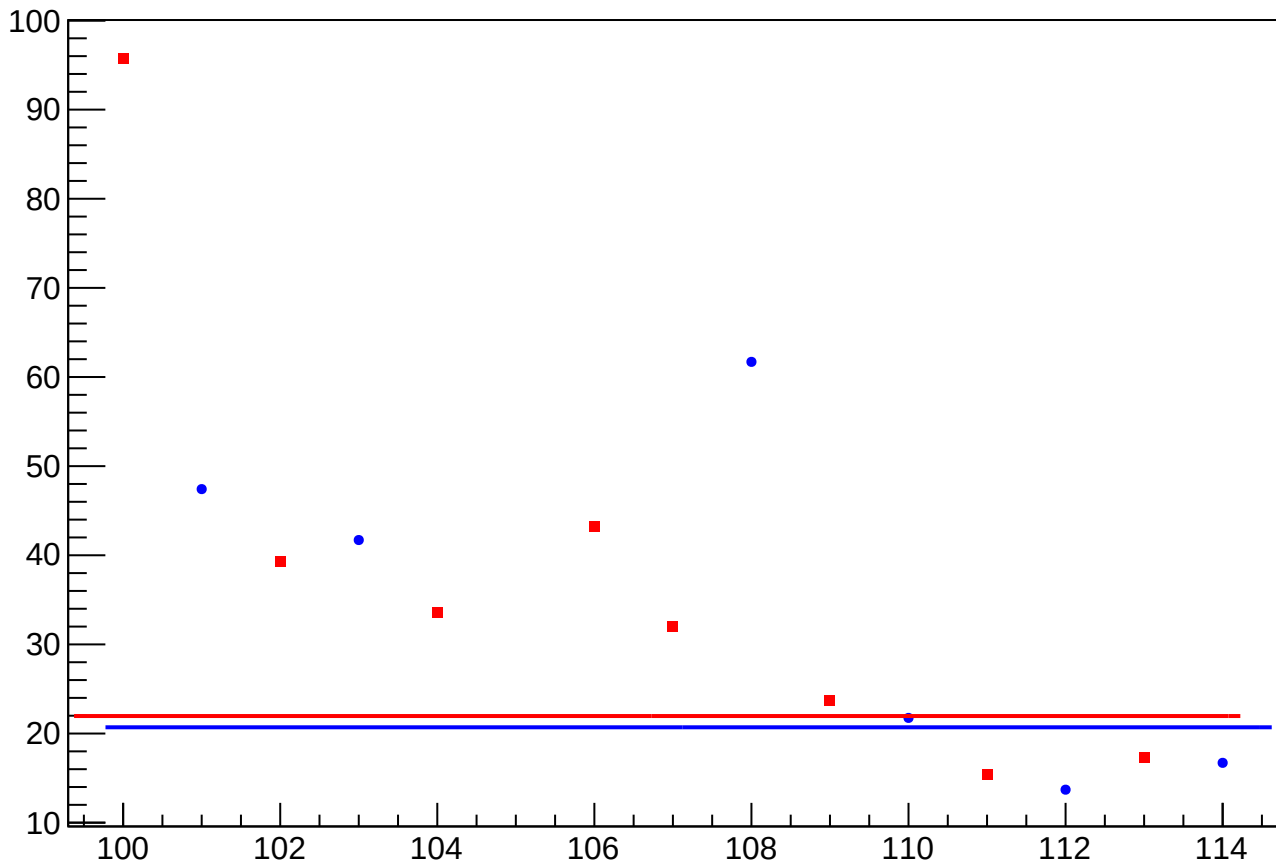
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.010 χ^2 /NDF: 25.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.700+/-0.011 χ^2/NDF : 1267098.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.964+/-0.010 χ^2/NDF : 841442.5/7

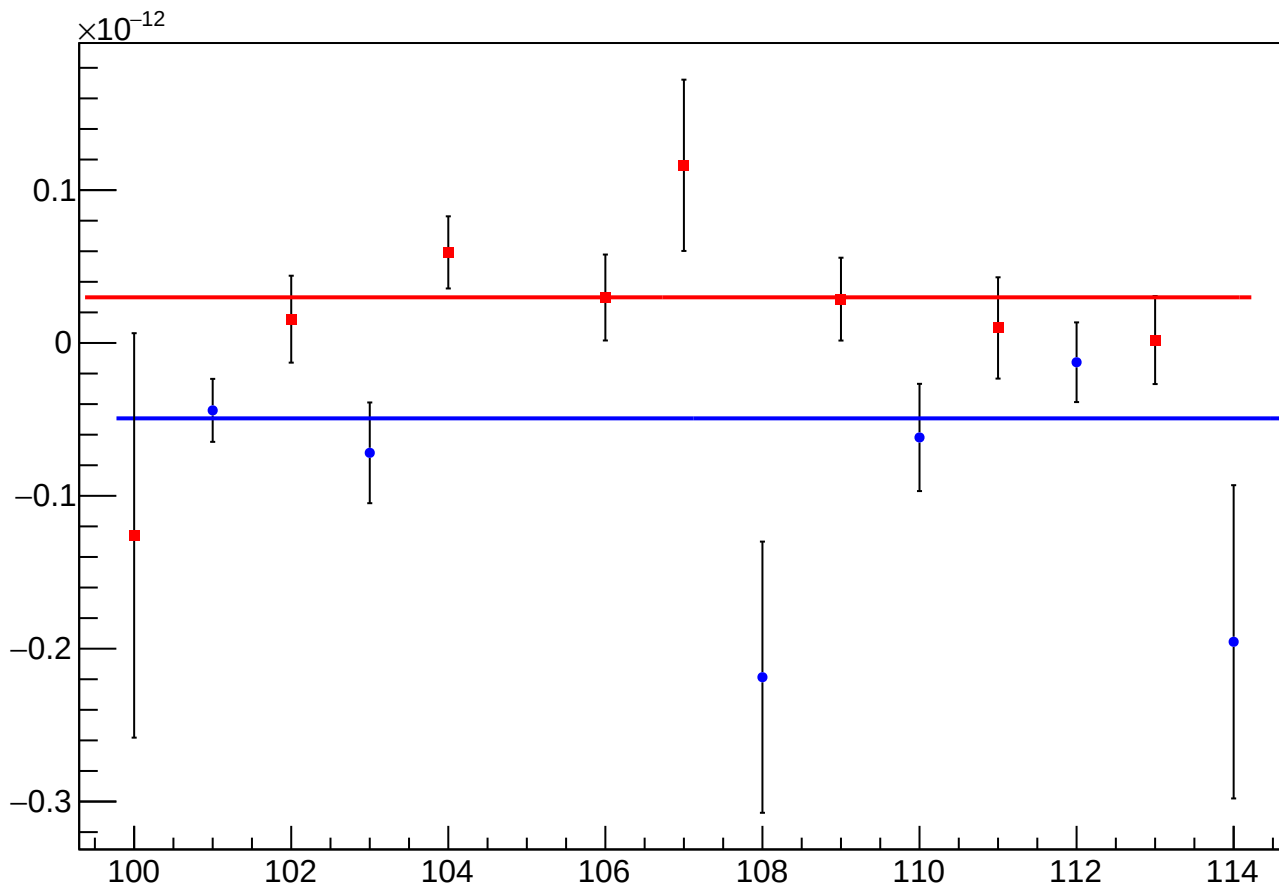
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.403+/-0.007 χ^2/NDF : 2116252.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/7

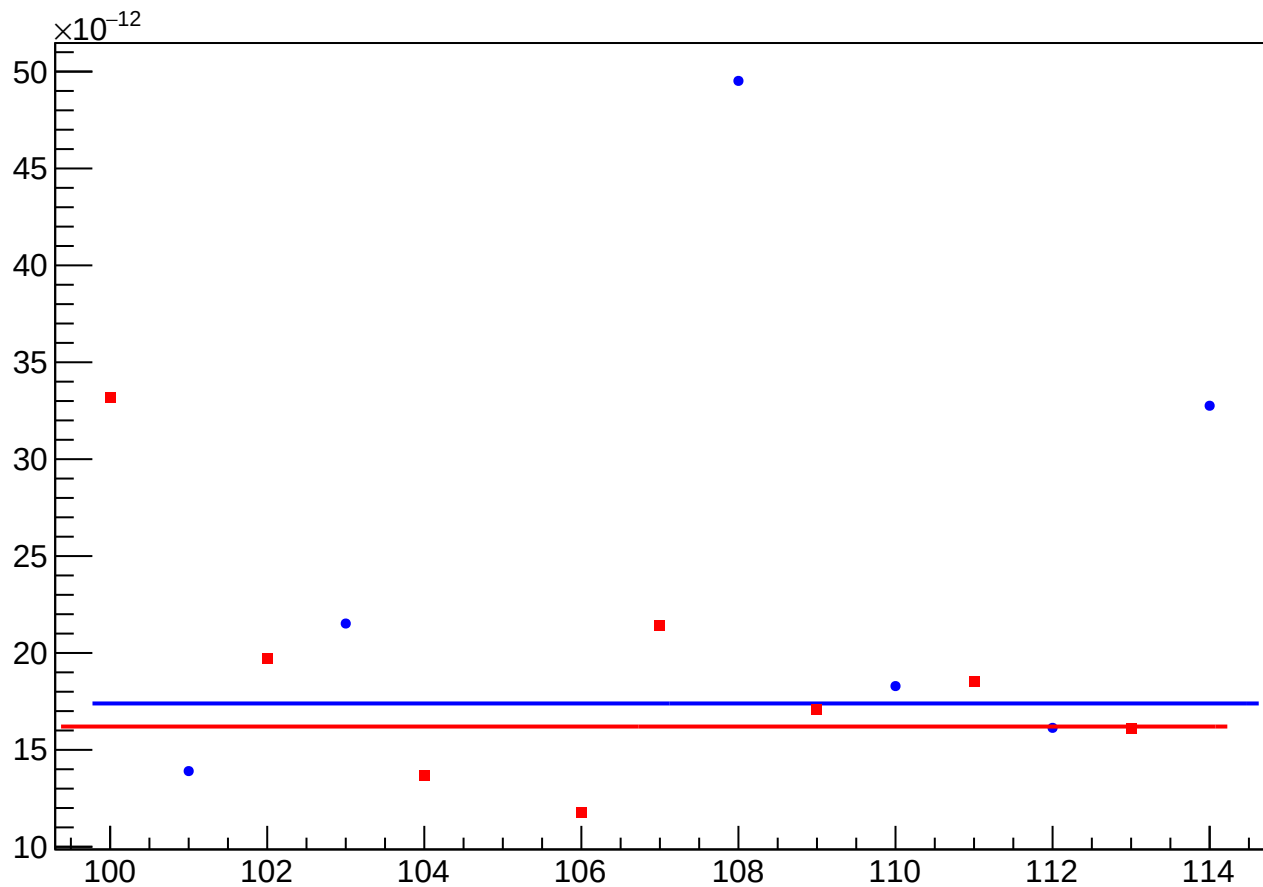
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 401930.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 164791.9/7

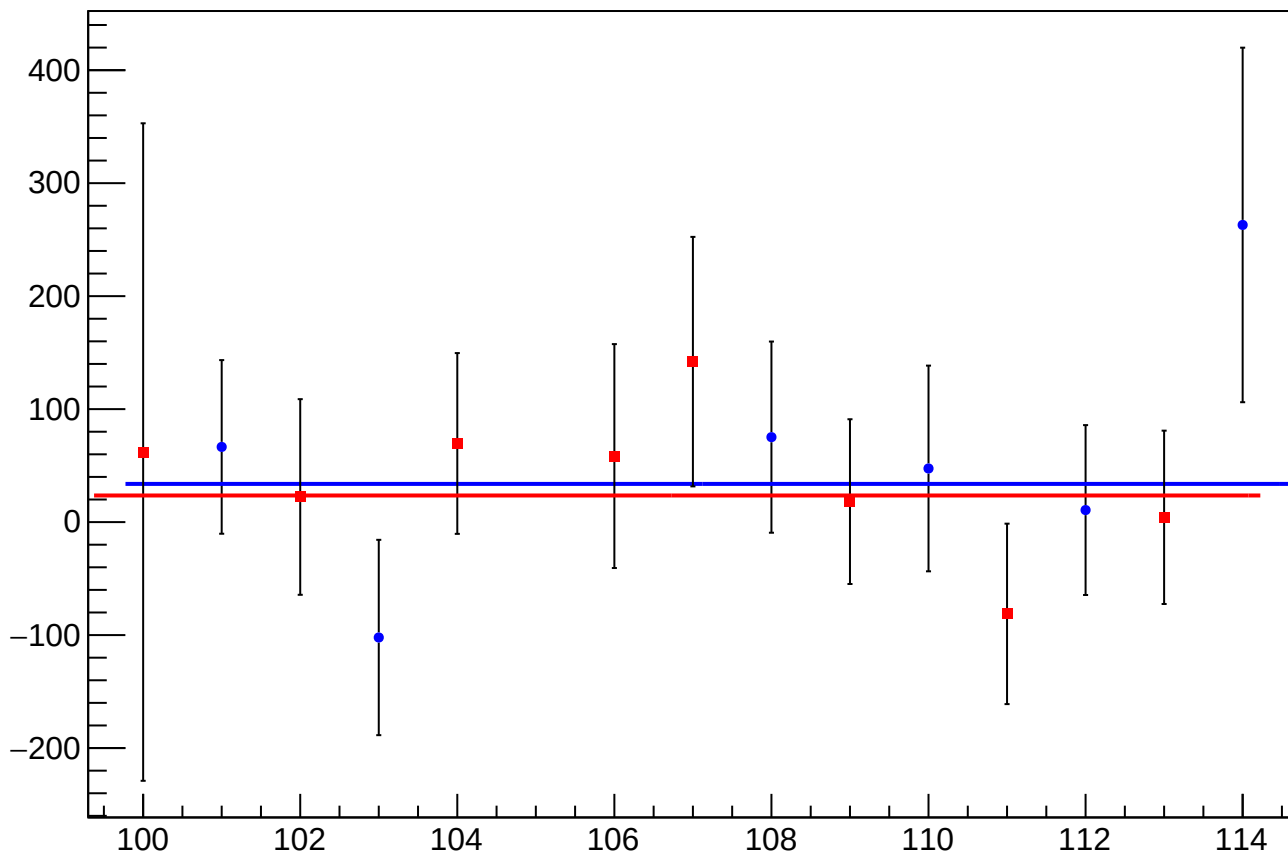
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 576321.5/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 33.809+/-35.782 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.562+/-31.621 χ^2/NDF : 3.4/7

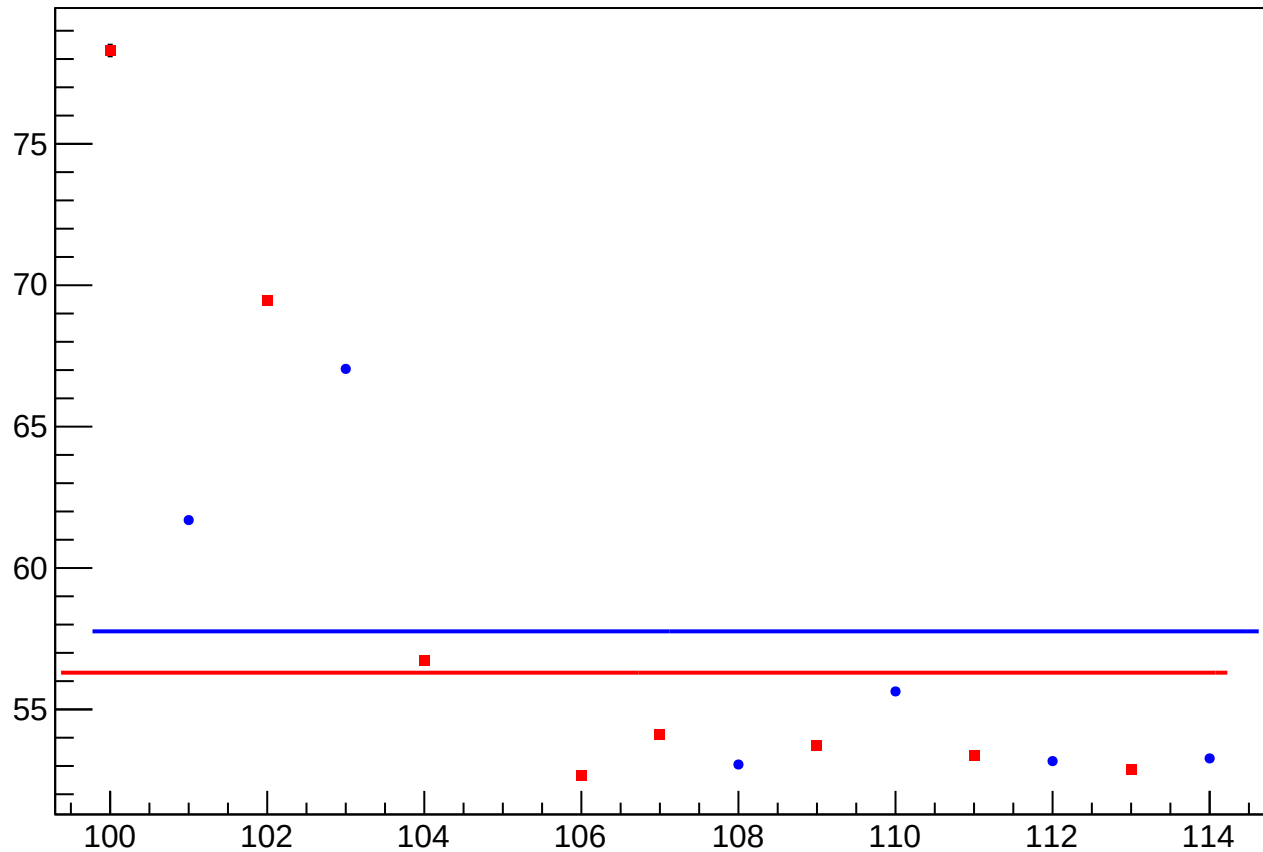
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.055+/-23.695 χ^2/NDF : 8.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 57.761+/-0.025 χ^2/NDF : 44671.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.299+/-0.022 χ^2/NDF : 70271.5/7

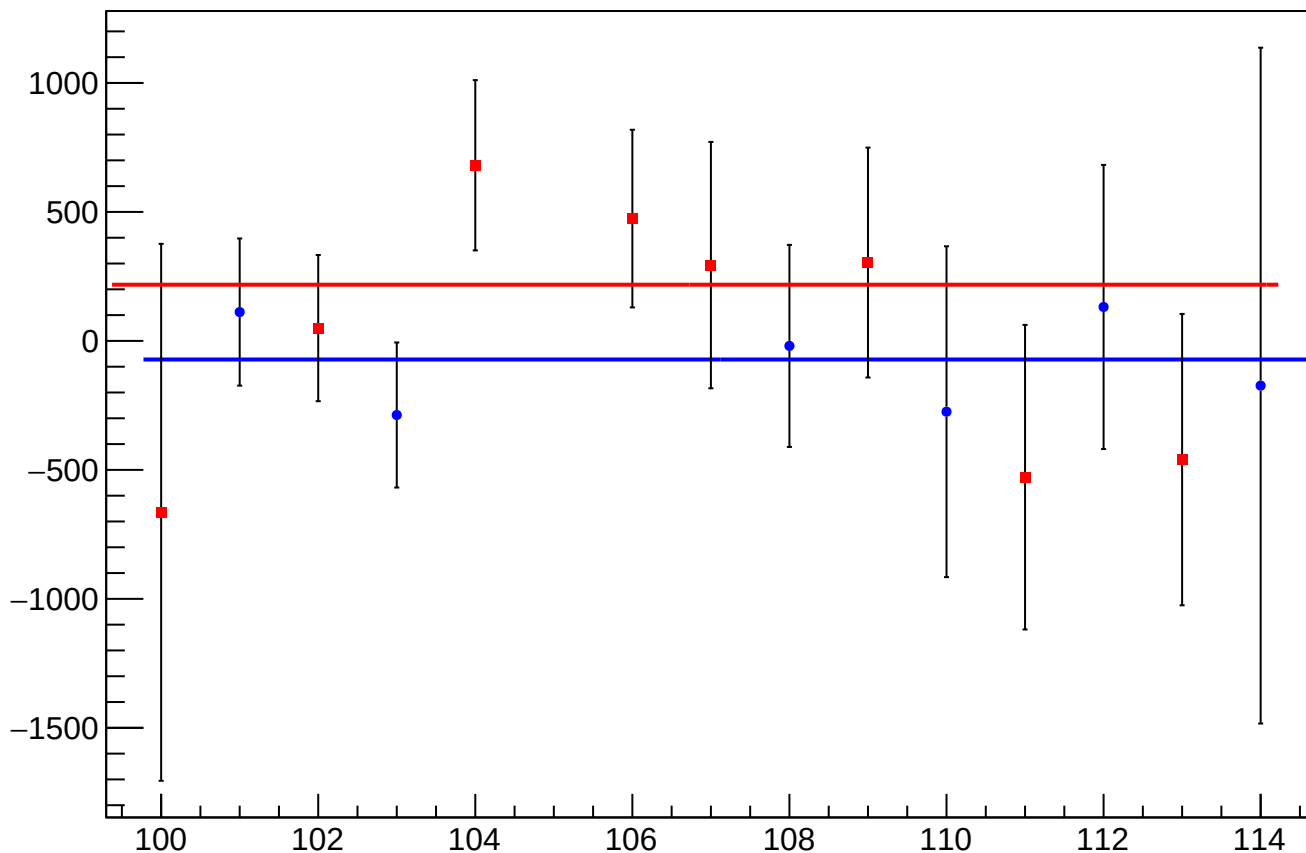
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.940+/-0.017 χ^2/NDF : 116816.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -72.048 $\pm$ 162.729 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.912 $\pm$ 146.790 χ^2 /NDF: 6.7/7

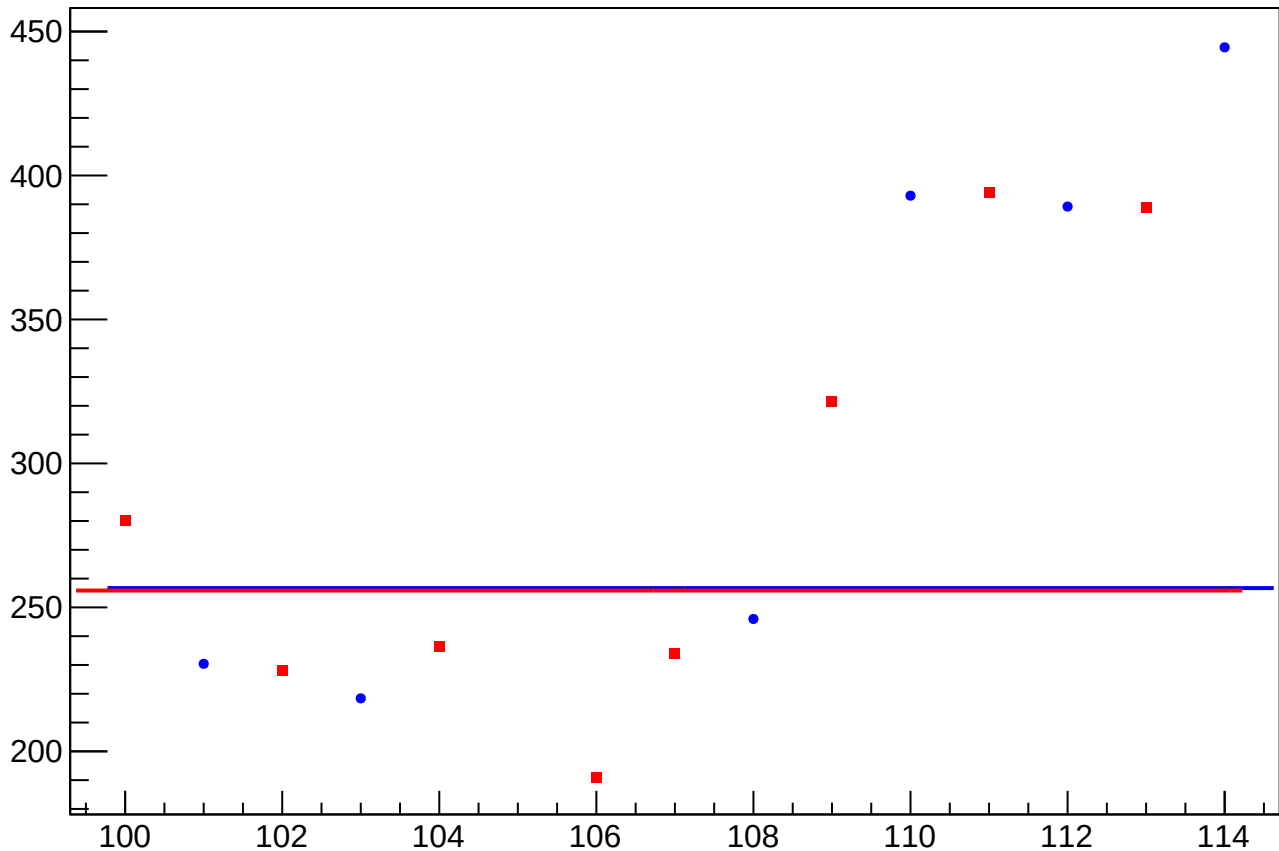
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.824 $\pm$ 108.997 χ^2 /NDF: 9.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 256.706 $\pm$ 0.115 χ^2 /NDF: 302783.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 255.856 $\pm$ 0.104 χ^2 /NDF: 366143.2/7

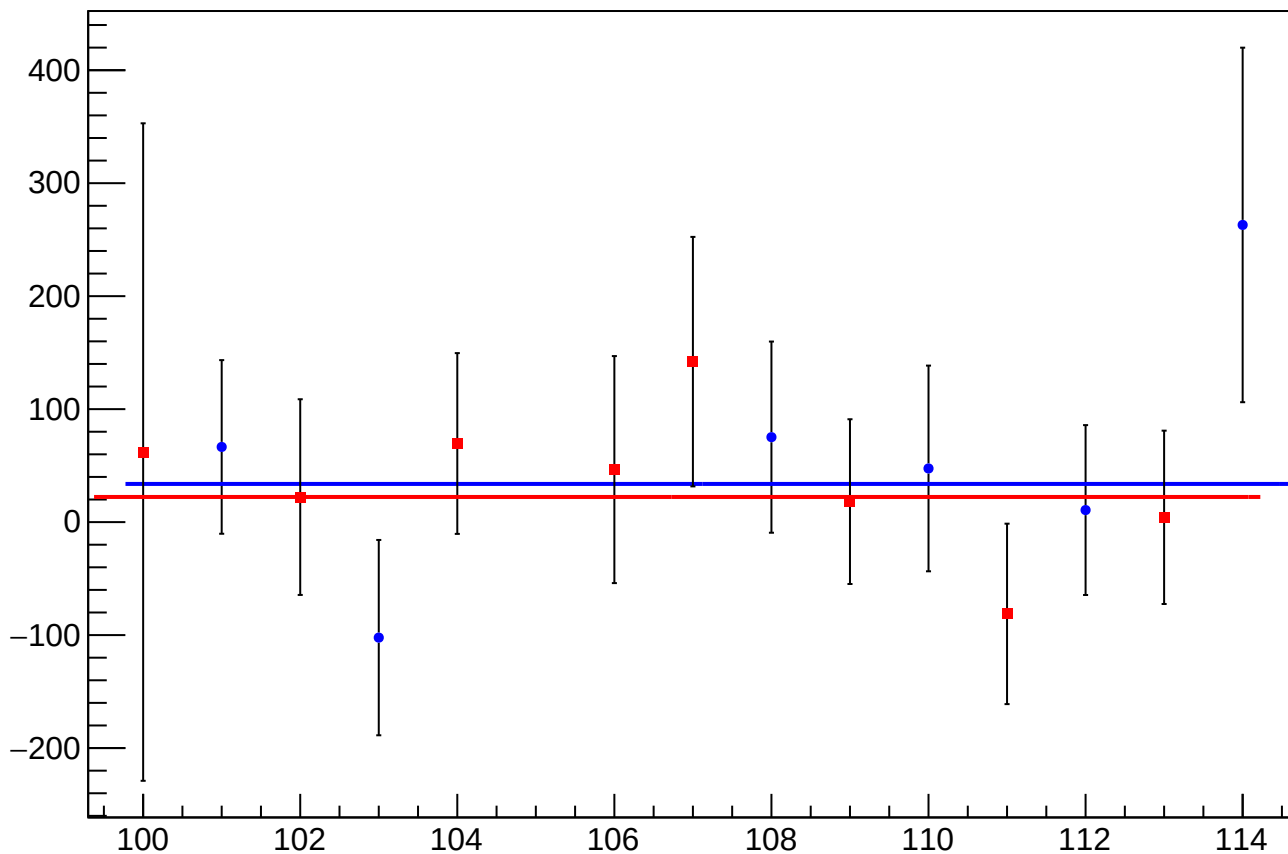
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.238 $\pm$ 0.077 χ^2 /NDF: 668957.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_mean vs Slug



Right In: 33.797 $\pm$ 35.782 χ^2 /NDF: 5.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.263 $\pm$ 31.666 χ^2 /NDF: 3.3/7

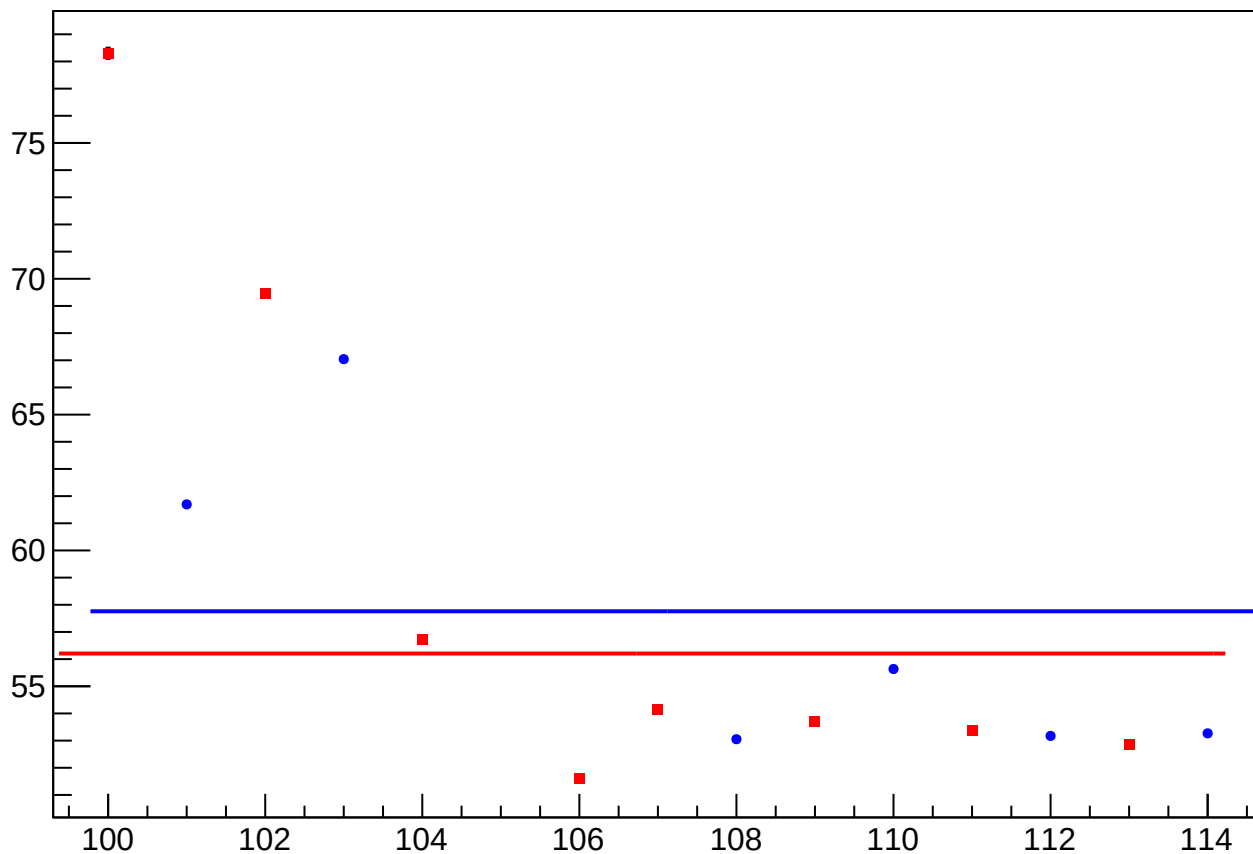
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.329 $\pm$ 23.714 χ^2 /NDF: 8.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 57.761+/-0.025 χ^2/NDF : 44672.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.206+/-0.022 χ^2/NDF : 72039.1/7

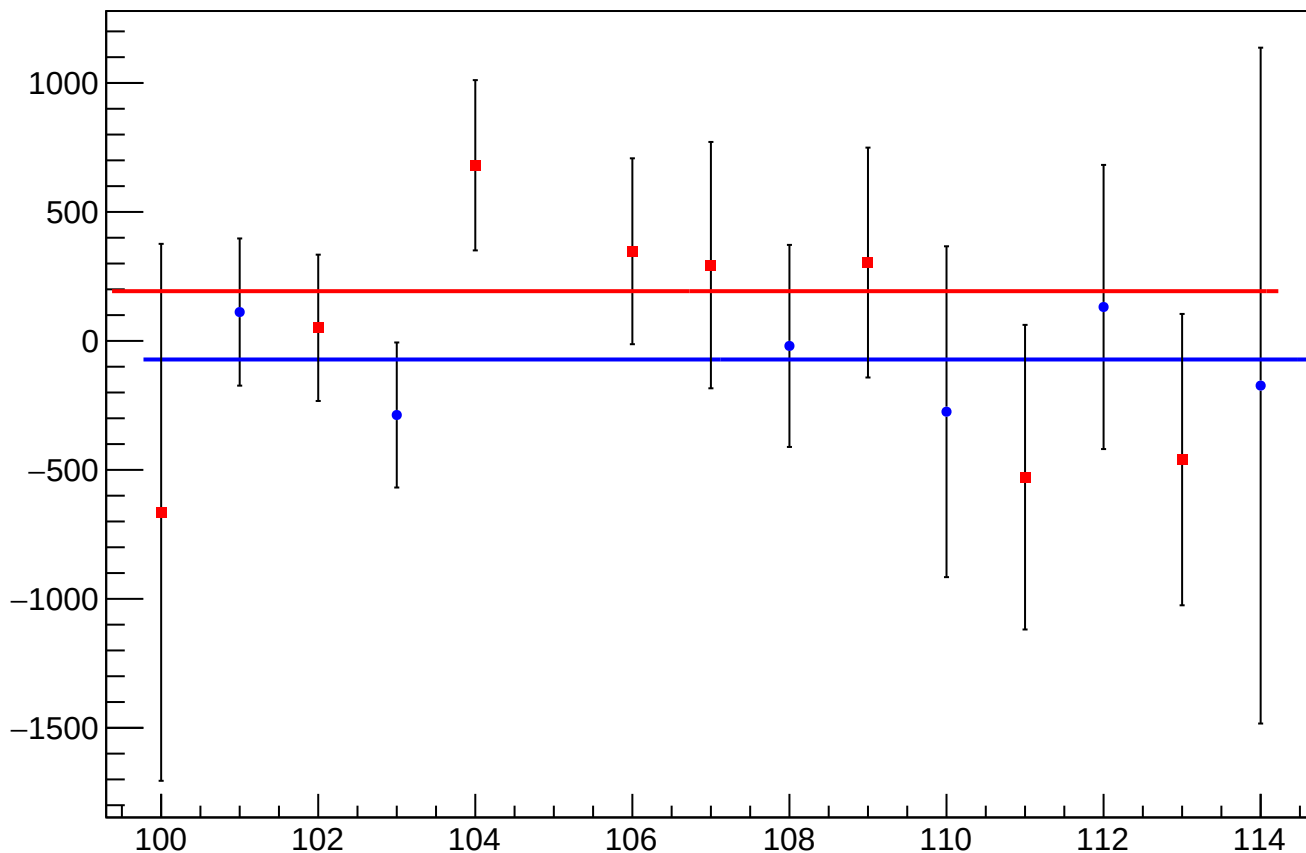
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.889+/-0.017 χ^2/NDF : 118829.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -72.021 $\pm$ 162.731 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.826 $\pm$ 147.991 χ^2 /NDF: 6.2/7

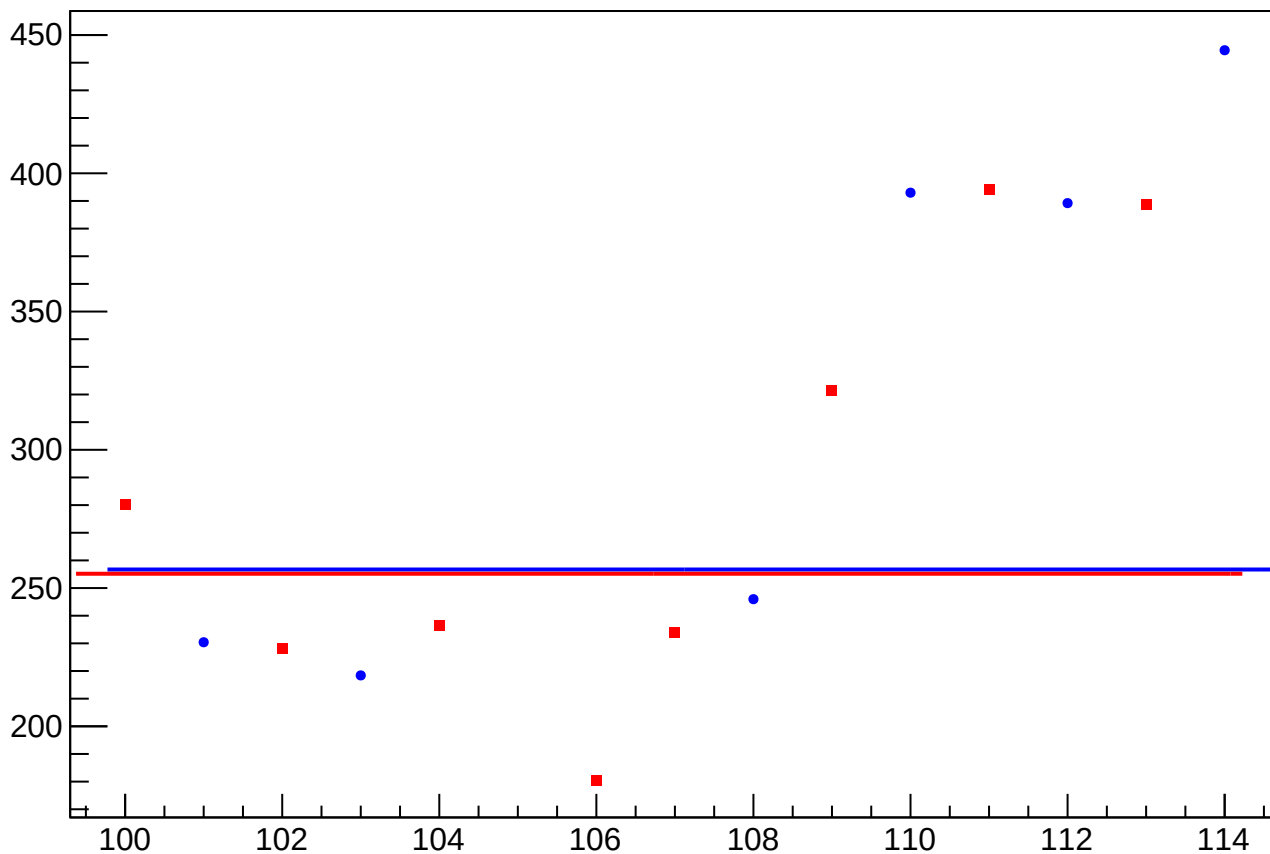
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.938 $\pm$ 109.486 χ^2 /NDF: 8.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 256.710 $\pm$ 0.115 χ^2 /NDF: 302768.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 255.178 $\pm$ 0.105 χ^2 /NDF: 382384.7/7

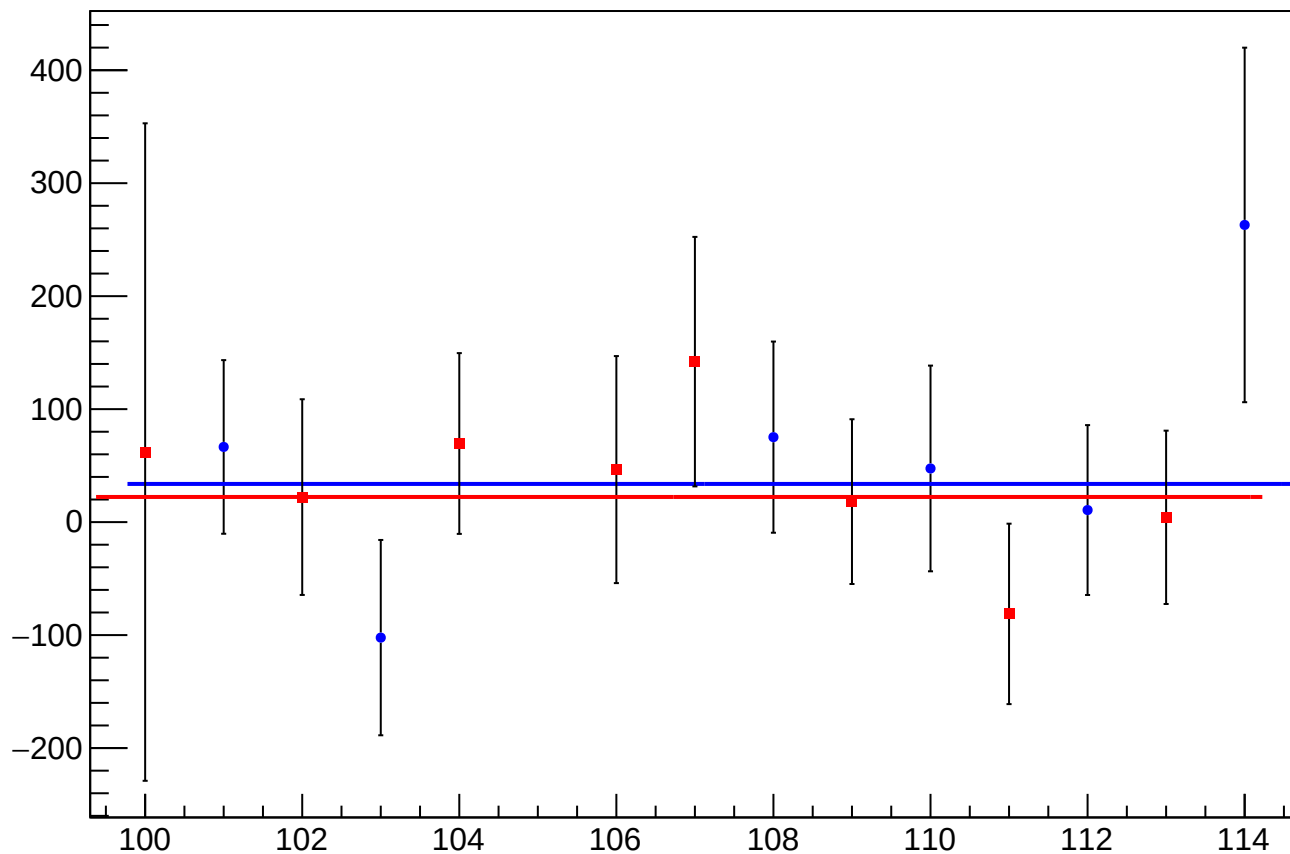
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.871 $\pm$ 0.077 χ^2 /NDF: 685250.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 33.797 $\pm$ 35.782 χ^2 /NDF: 5.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.263 $\pm$ 31.666 χ^2 /NDF: 3.3/7

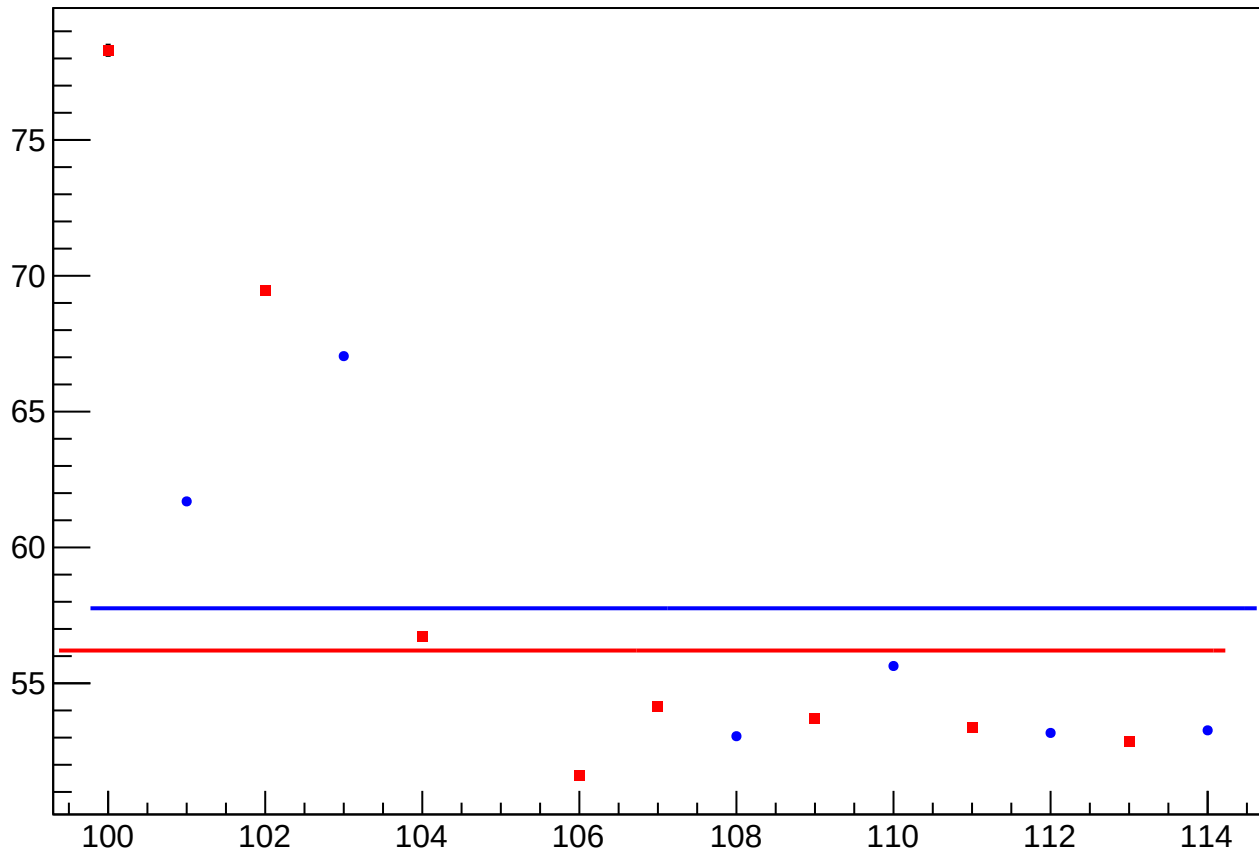
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.329 $\pm$ 23.714 χ^2 /NDF: 8.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 57.761 $\pm$ 0.025 χ^2 /NDF: 44672.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.206 $\pm$ 0.022 χ^2 /NDF: 72039.1/7

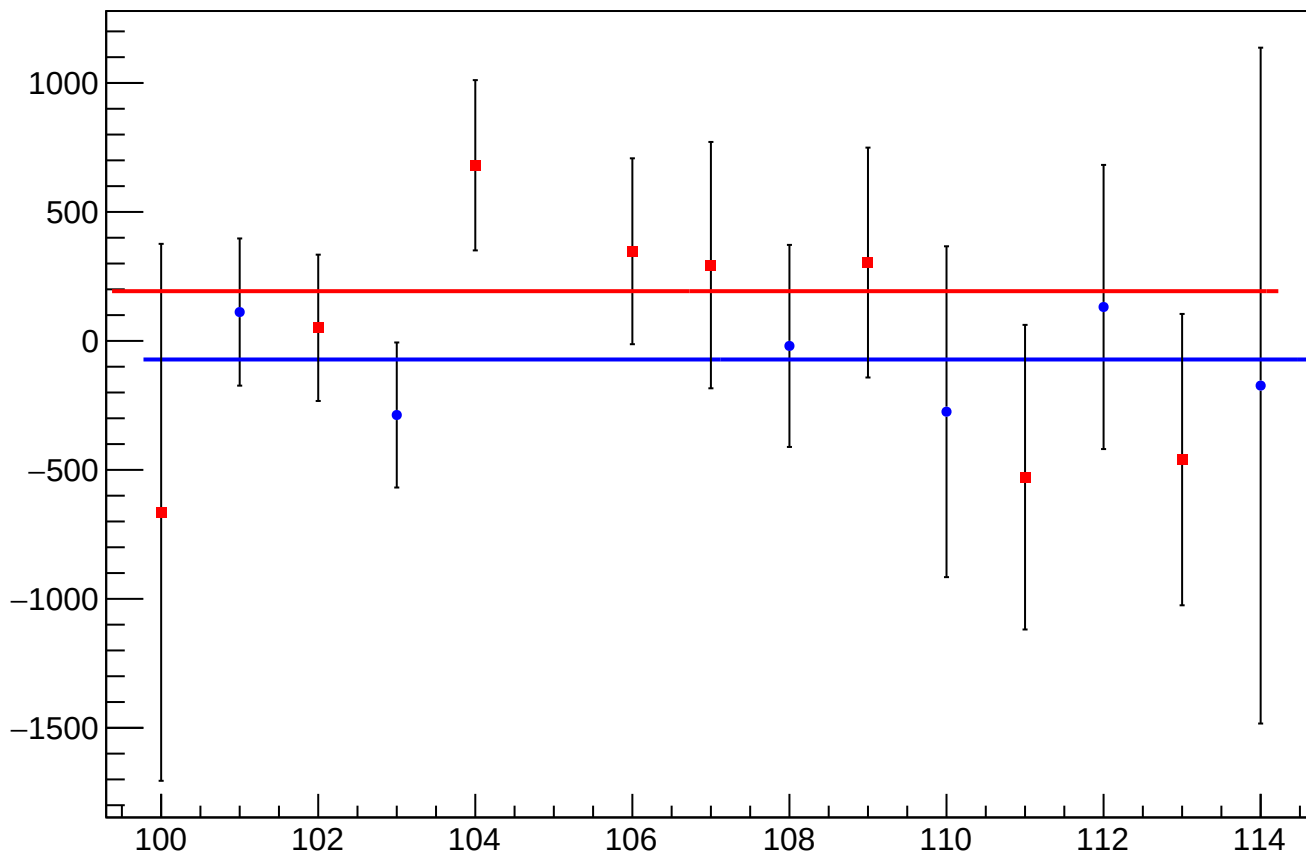
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.889 $\pm$ 0.017 χ^2 /NDF: 118829.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -72.021 $\pm$ 162.731 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.826 $\pm$ 147.991 χ^2 /NDF: 6.2/7

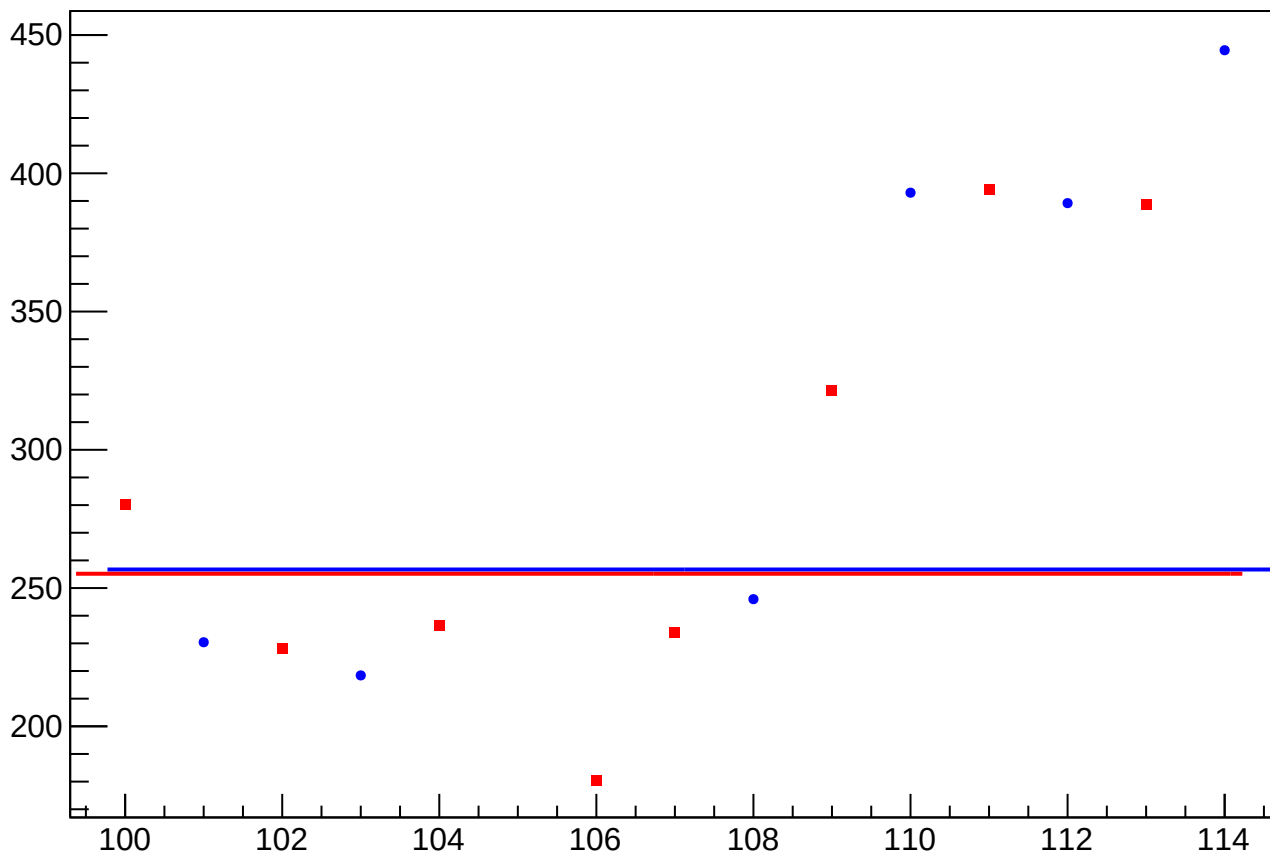
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.938 $\pm$ 109.486 χ^2 /NDF: 8.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



Right In: 256.710 $\pm$ 0.115 χ^2 /NDF: 302768.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 255.178 $\pm$ 0.105 χ^2 /NDF: 382384.7/7

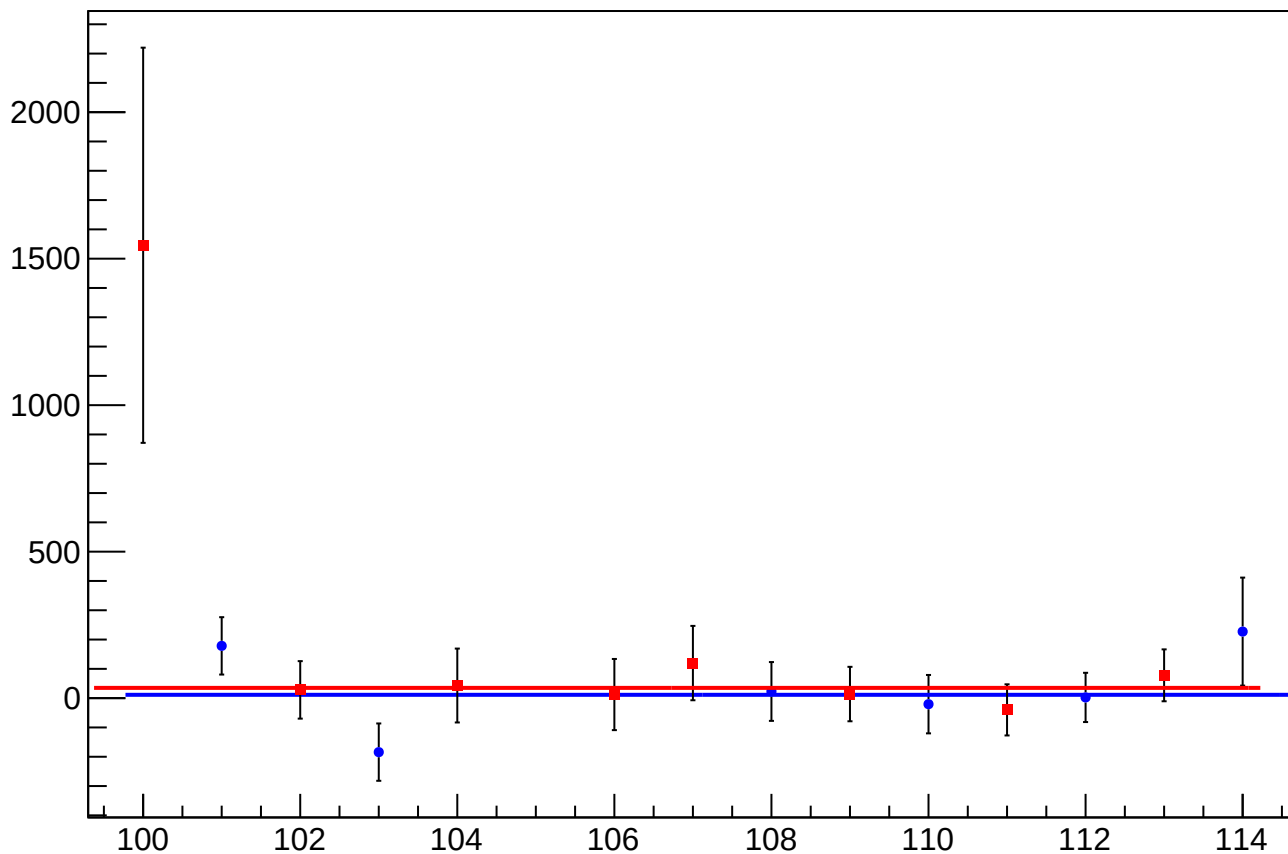
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.871 $\pm$ 0.077 χ^2 /NDF: 685250.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 11.403 $\pm$ 41.533 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.057 $\pm$ 38.533 χ^2 /NDF: 6.5/7

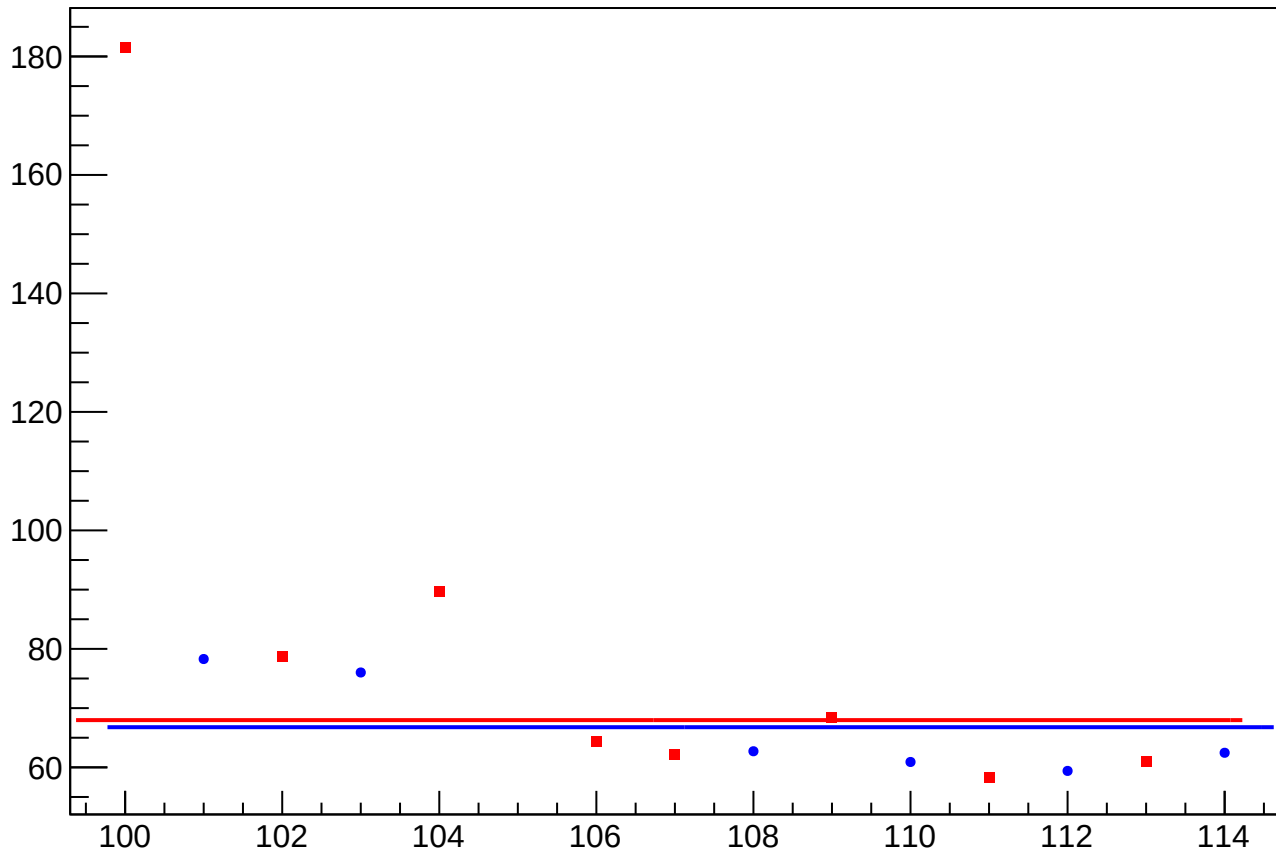
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.115 $\pm$ 28.248 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 66.779+/-0.029 χ^2/NDF : 72168.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.975+/-0.027 χ^2/NDF : 182783.9/7

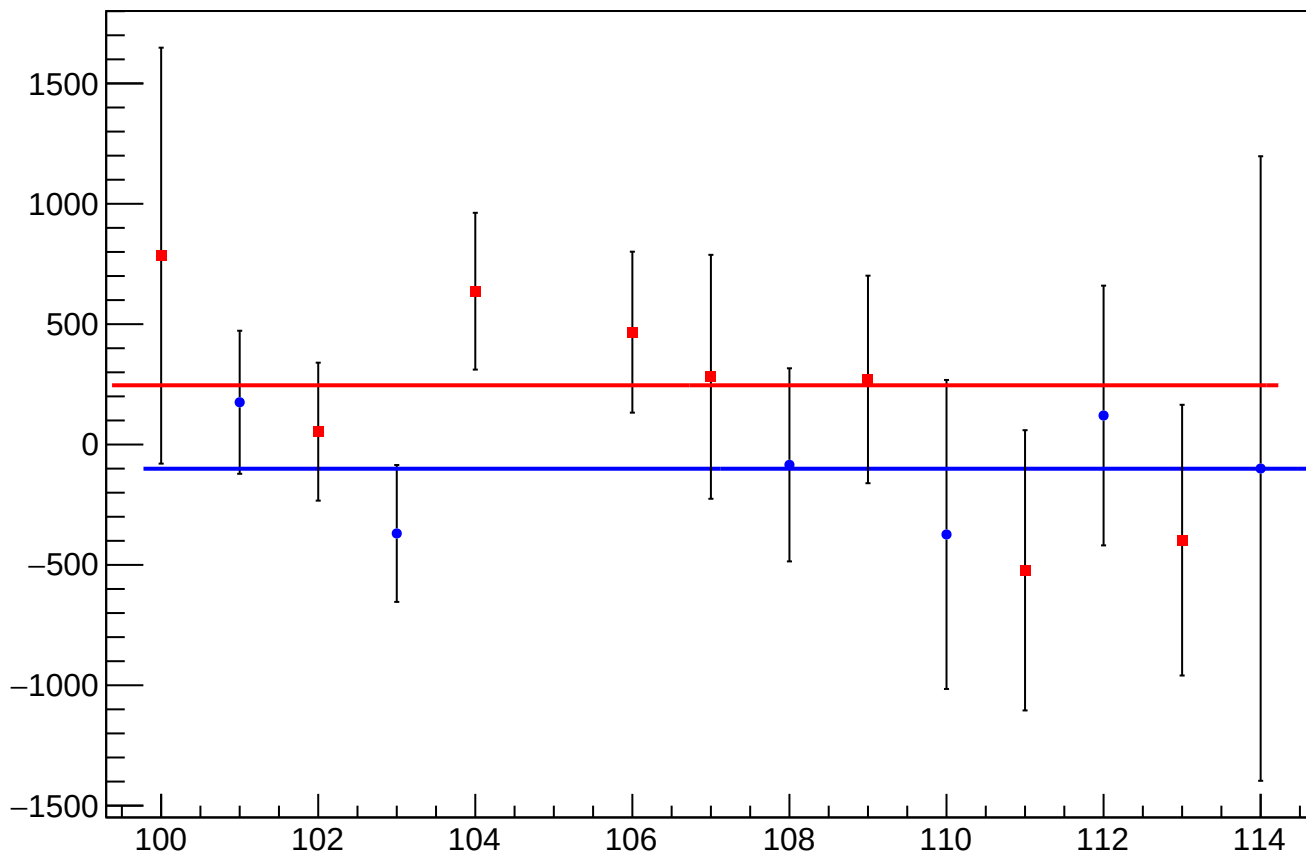
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.422+/-0.020 χ^2/NDF : 255843.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -100.485 $\pm$ 165.818 χ^2 /NDF: 2.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 246.116 $\pm$ 145.417 χ^2 /NDF: 5.8/7

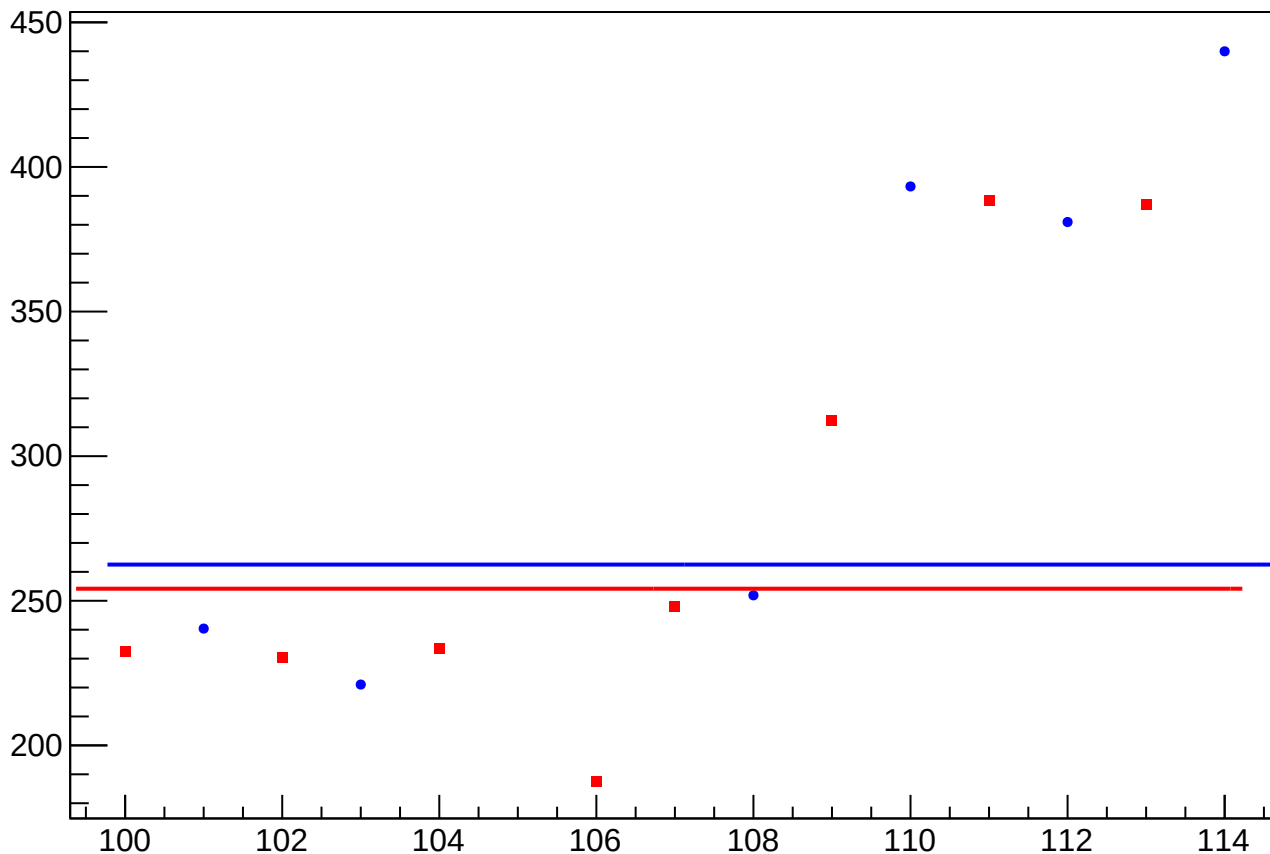
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.438 $\pm$ 109.331 χ^2 /NDF: 10.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 262.520 $\pm$ 0.117 χ^2 /NDF: 271901.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 254.171 $\pm$ 0.103 χ^2 /NDF: 356879.9/7

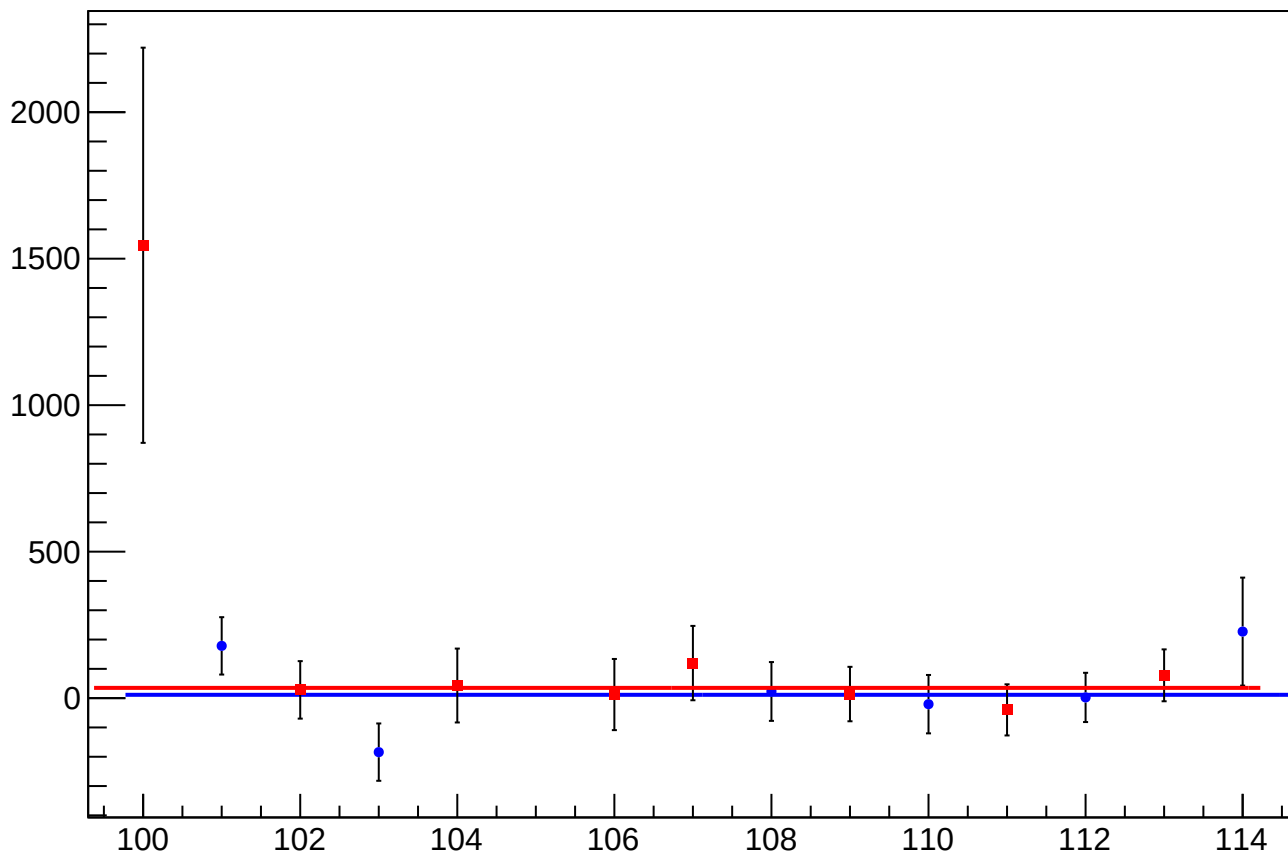
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.801 $\pm$ 0.077 χ^2 /NDF: 631647.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 11.404 $\pm$ 41.533 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.057 $\pm$ 38.533 χ^2 /NDF: 6.5/7

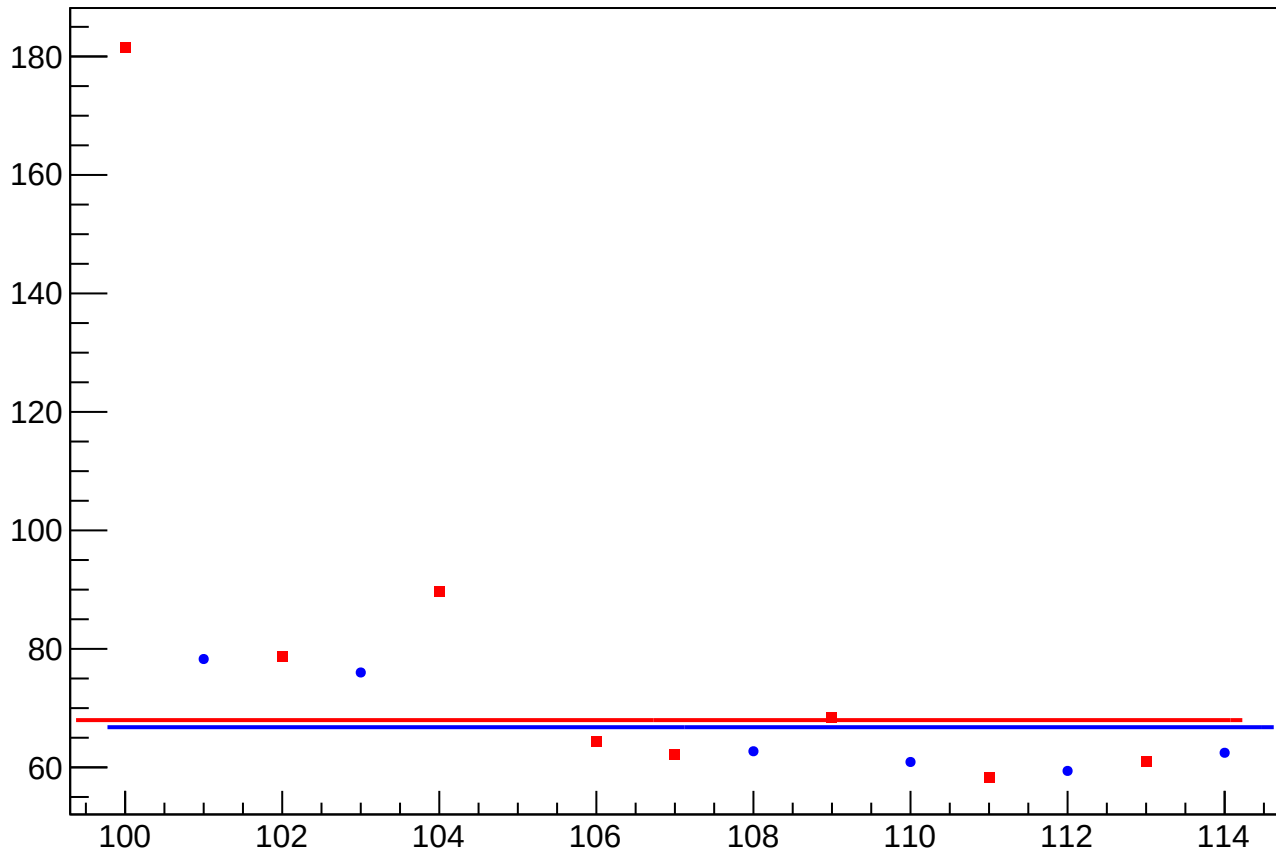
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.116 $\pm$ 28.248 χ^2 /NDF: 15.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 66.779+/-0.029 χ^2/NDF : 72170.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.975+/-0.027 χ^2/NDF : 182788.7/7

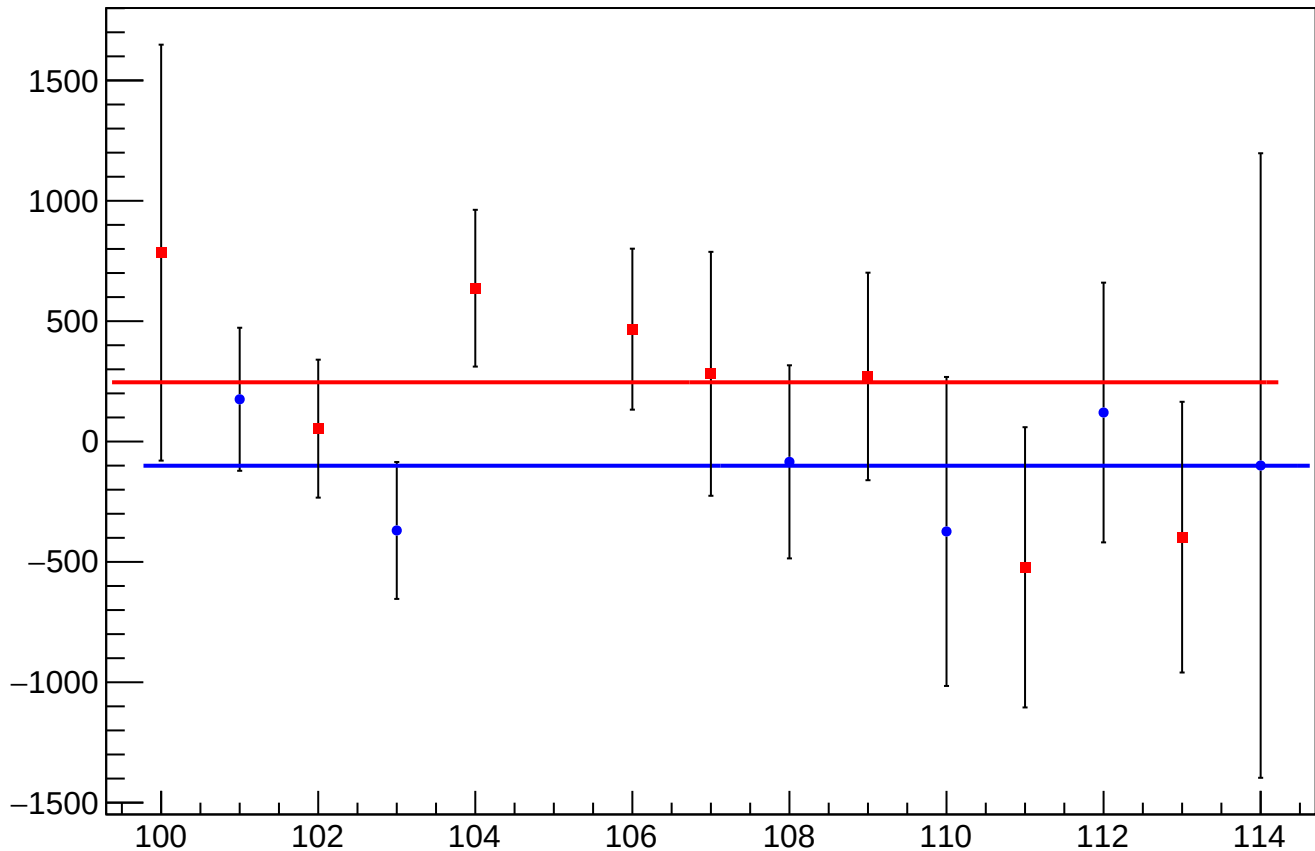
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.422+/-0.020 χ^2/NDF : 255850.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



Right In: -100.486+/-165.818 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.116+/-145.417 χ^2/NDF : 5.8/7

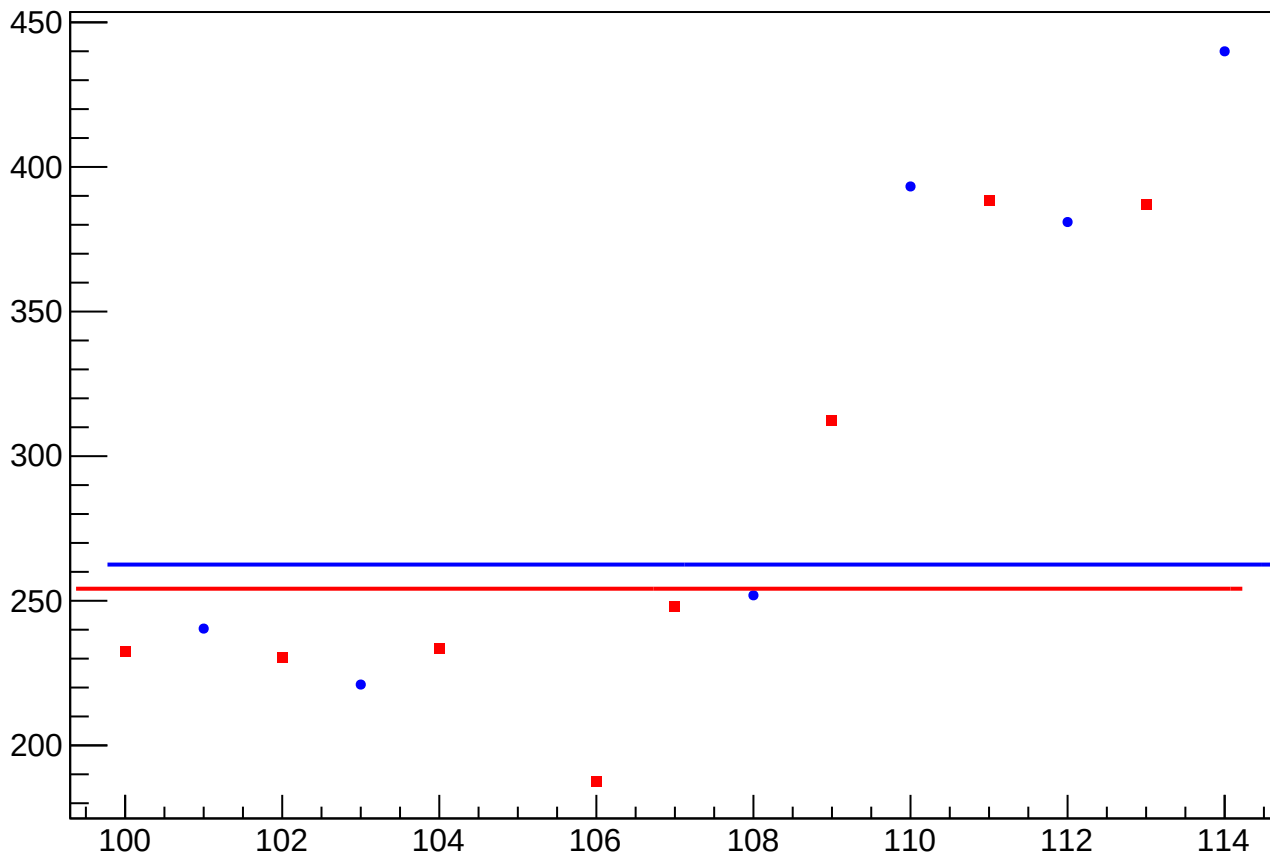
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.438+/-109.331 χ^2/NDF : 10.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



Right In: 262.520 $\pm$ 0.117 χ^2 /NDF: 271900.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 254.171 $\pm$ 0.103 χ^2 /NDF: 356876.9/7

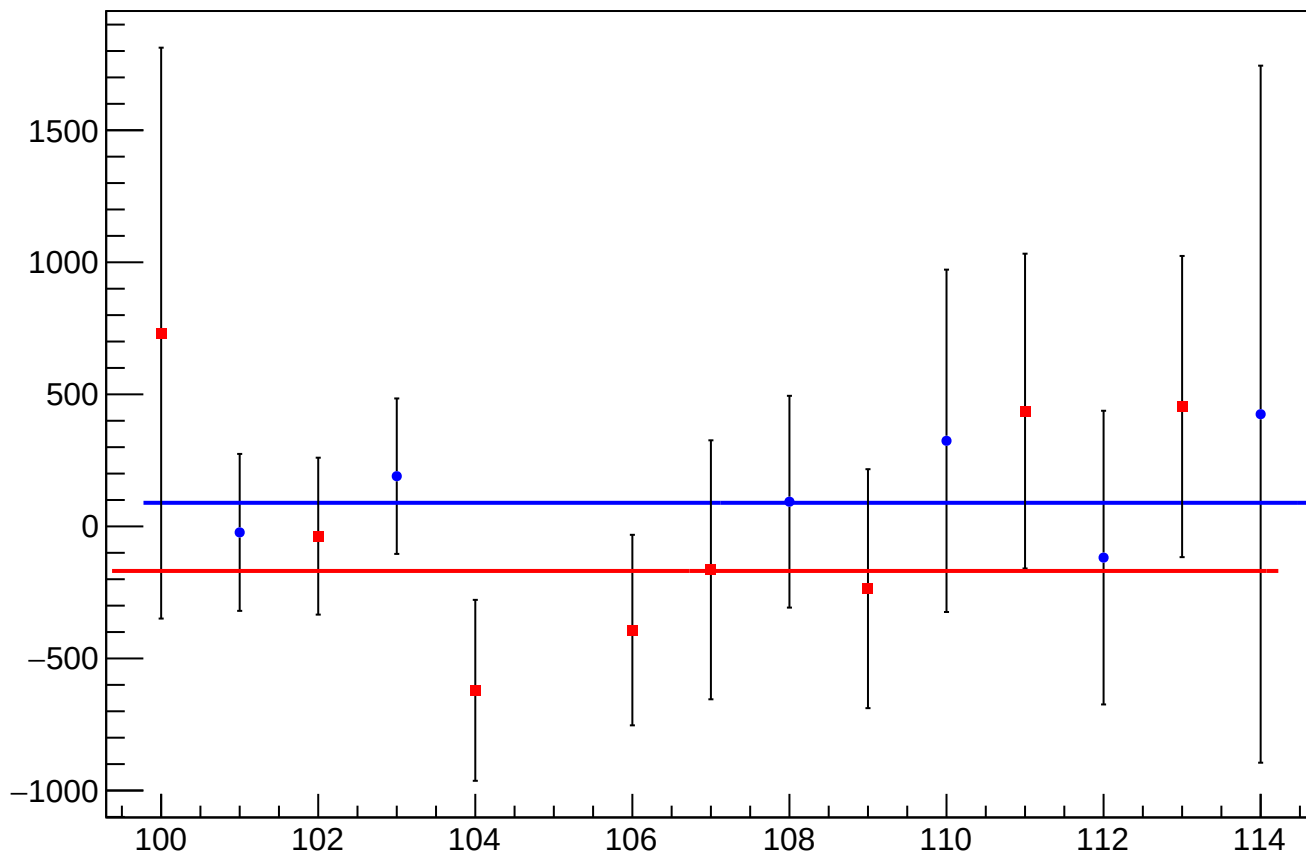
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.801 $\pm$ 0.077 χ^2 /NDF: 631643.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug



Right In: 89.363 $\pm$ 168.352 χ^2 /NDF: 0.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -168.674 $\pm$ 151.907 χ^2 /NDF: 5.3/7

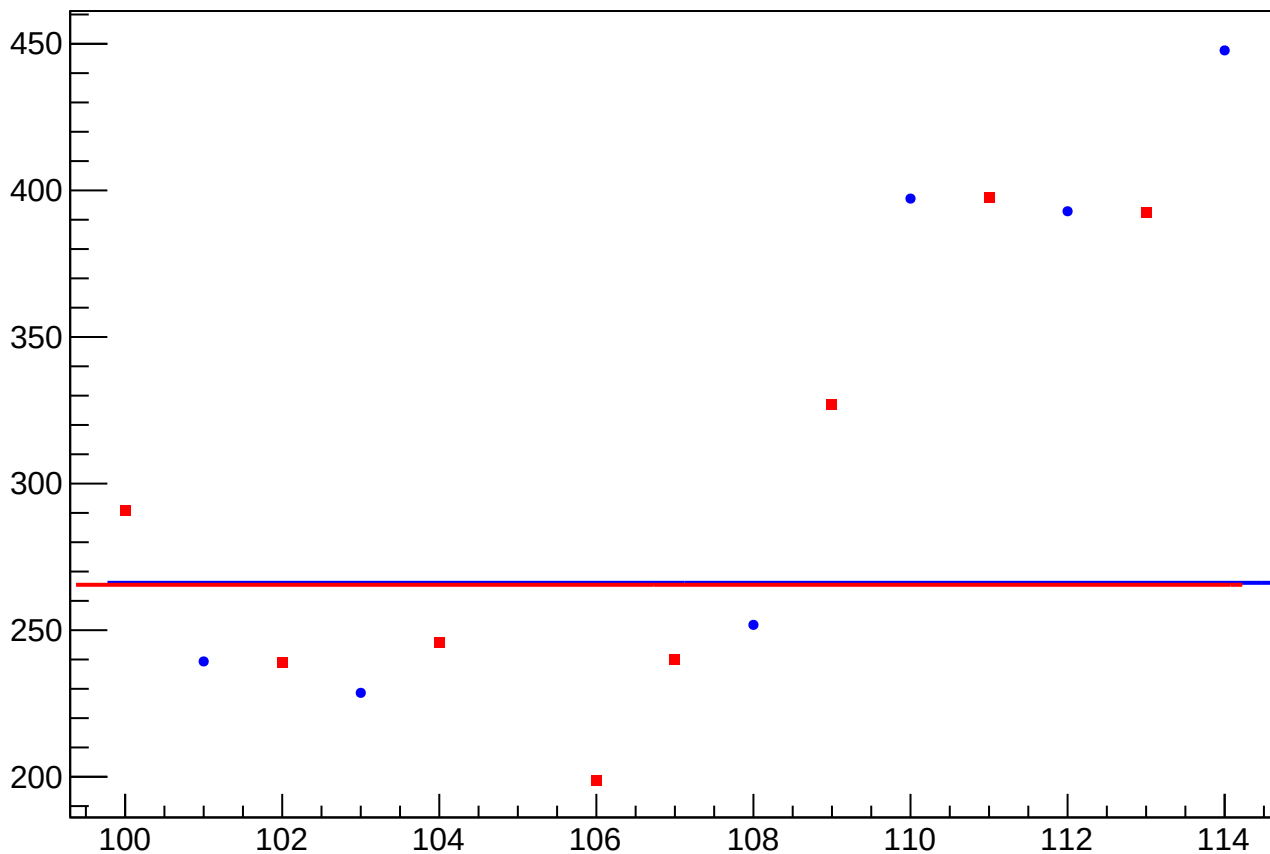
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.871 $\pm$ 112.782 χ^2 /NDF: 7.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 266.158+/-0.119 χ^2/NDF : 274932.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.483+/-0.107 χ^2/NDF : 331738.4/7

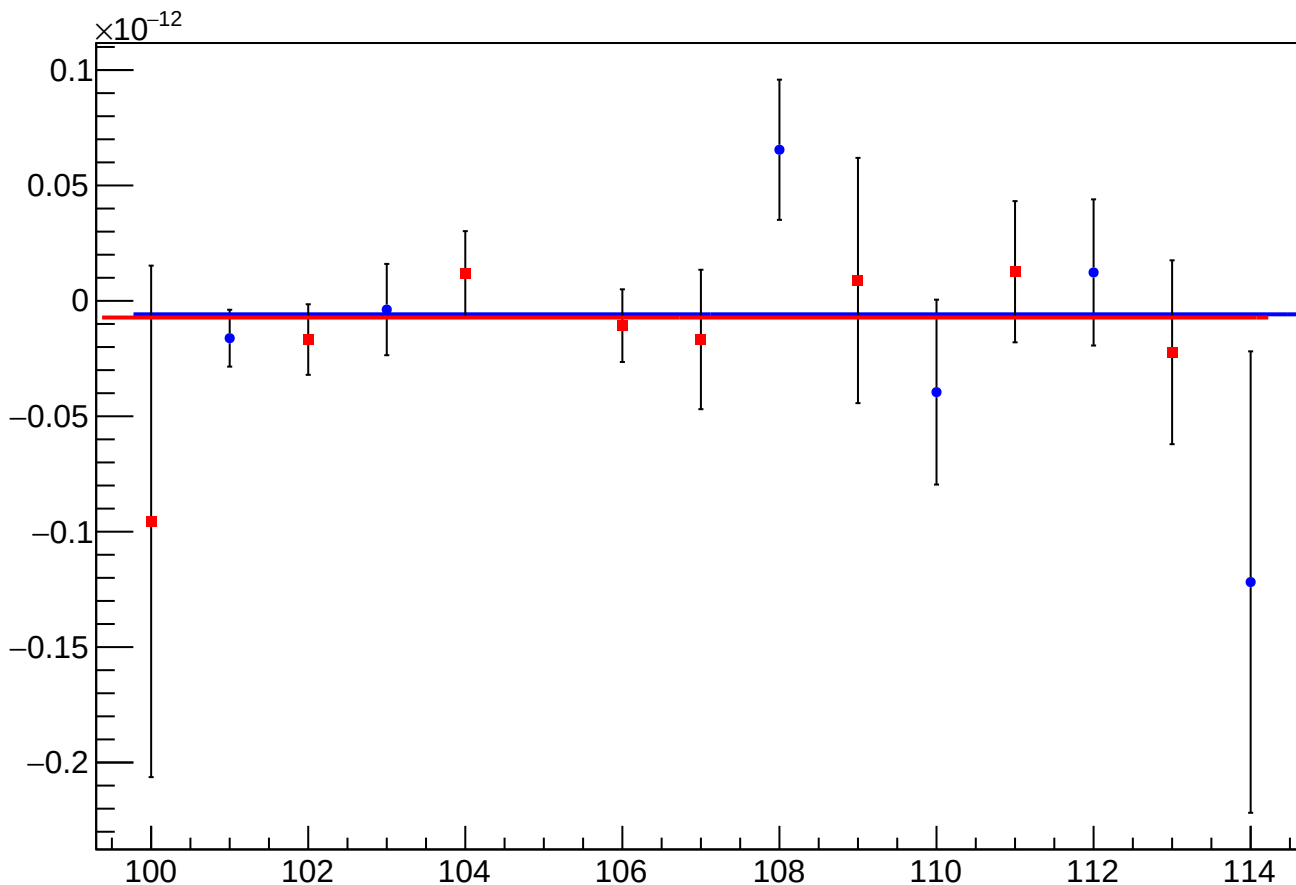
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.786+/-0.080 χ^2/NDF : 606688.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 8.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.9/7

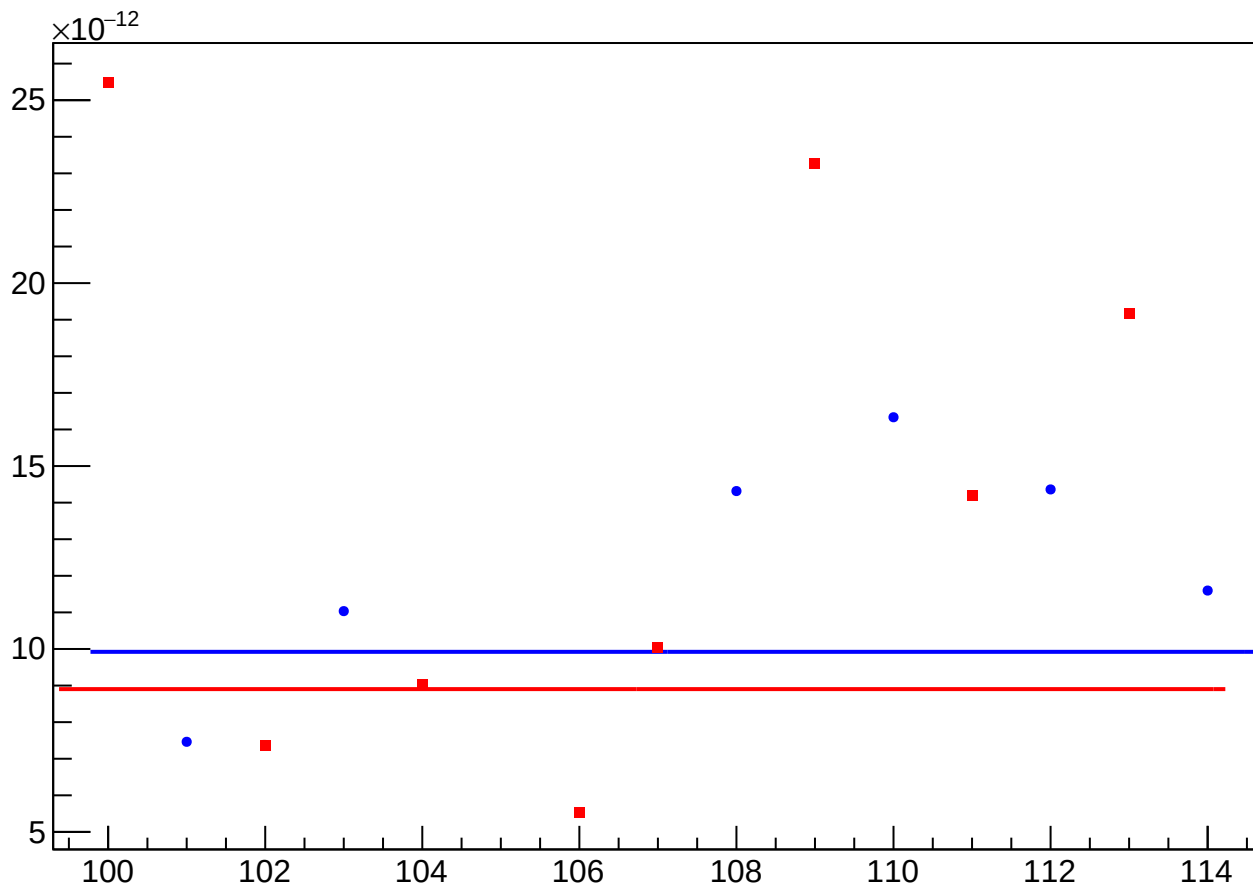
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.5/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 218986.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 498416.2/7

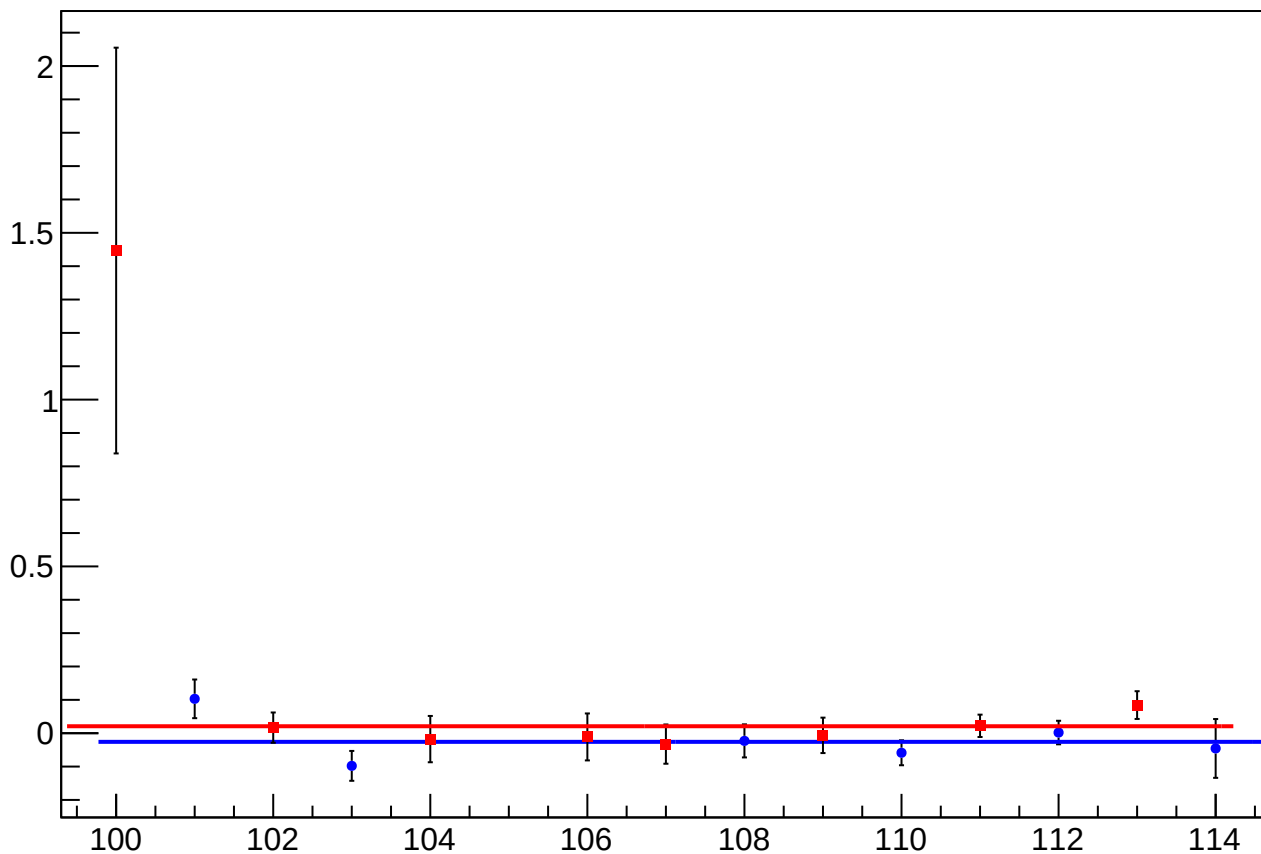
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 730986.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 ± 0.019 χ^2/NDF : 9.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.018 χ^2/NDF : 9.4/7

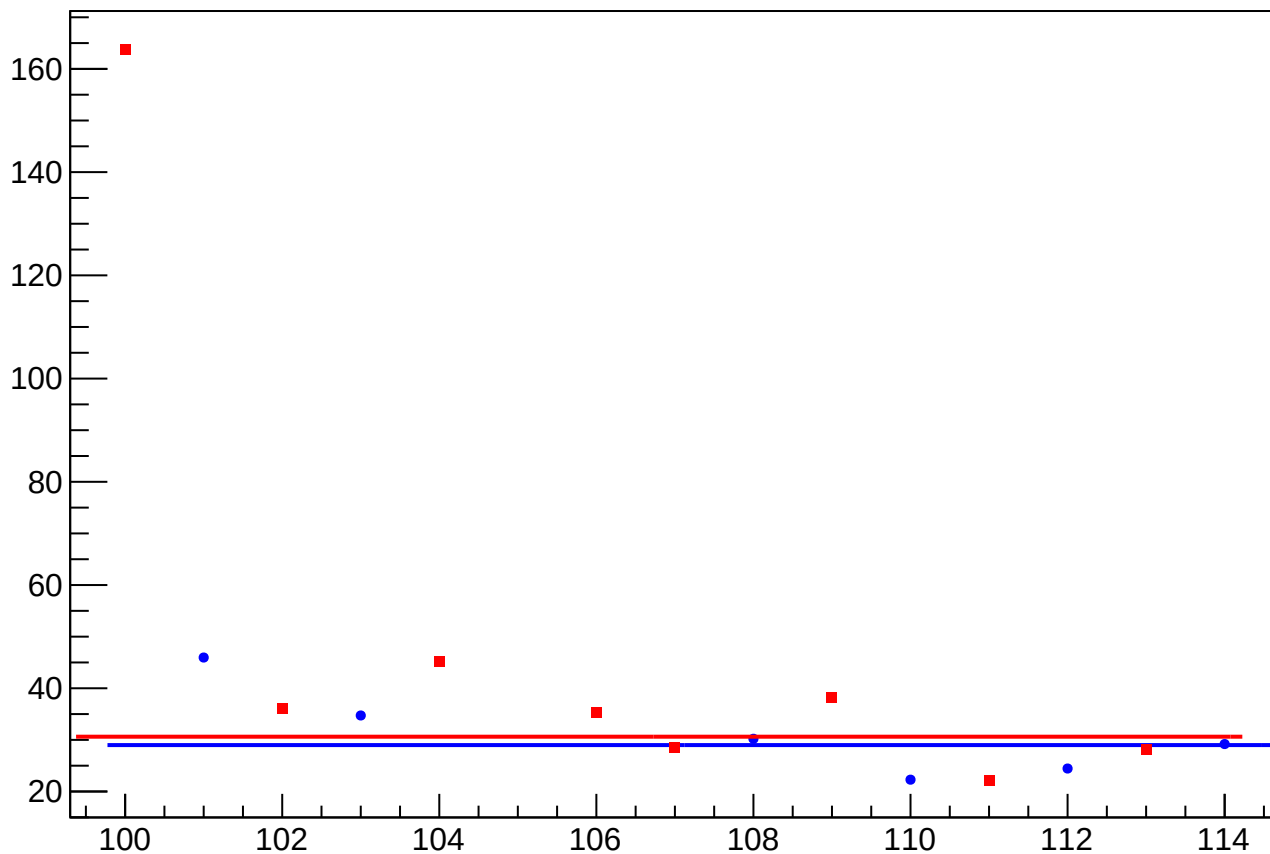
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.013 χ^2/NDF : 21.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 28.992 $\pm$ 0.013 χ^2 /NDF: 302747.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.618 $\pm$ 0.013 χ^2 /NDF: 401518.2/7

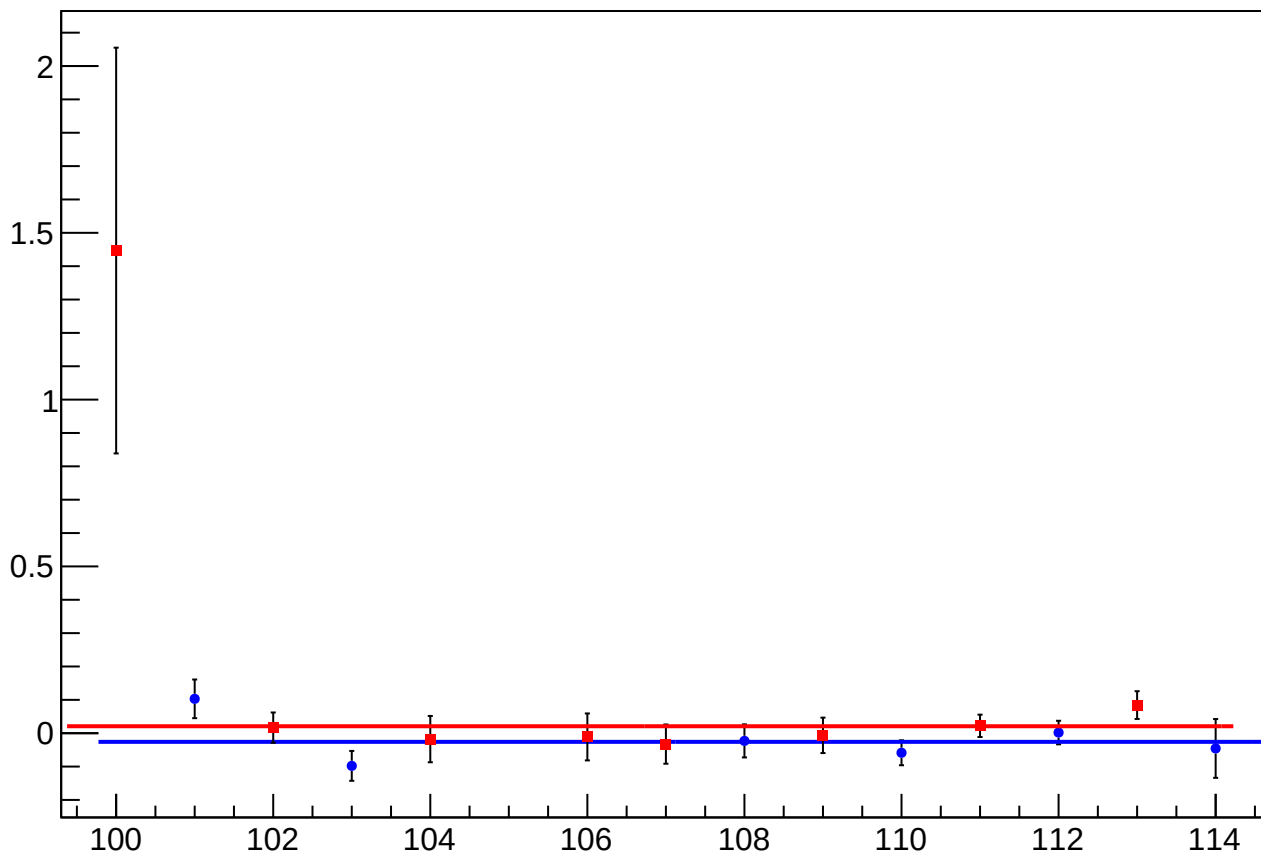
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.827 $\pm$ 0.009 χ^2 /NDF: 712006.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 ± 0.019 χ^2/NDF : 9.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.018 χ^2/NDF : 9.4/7

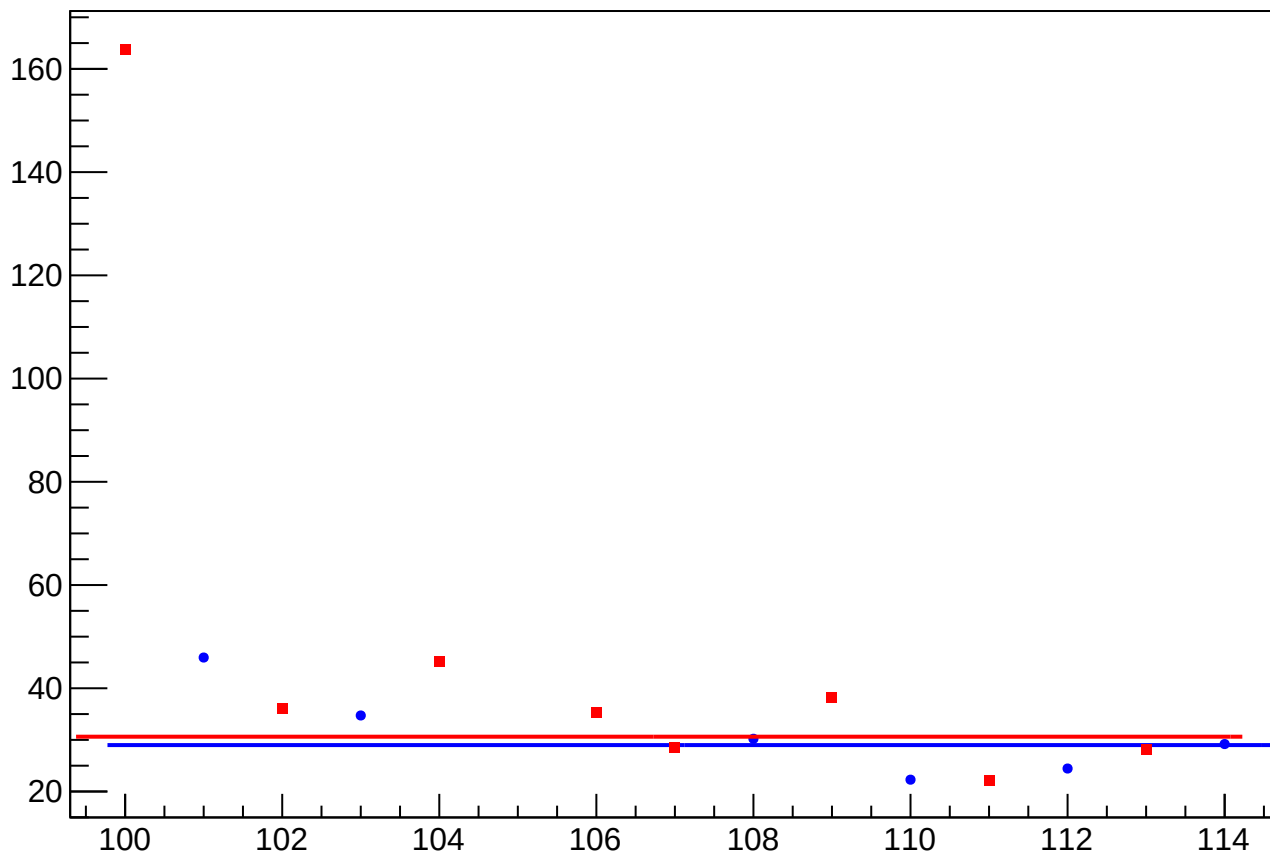
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.013 χ^2/NDF : 21.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.992 $\pm$ 0.013 χ^2 /NDF: 302747.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.618 $\pm$ 0.013 χ^2 /NDF: 401518.2/7

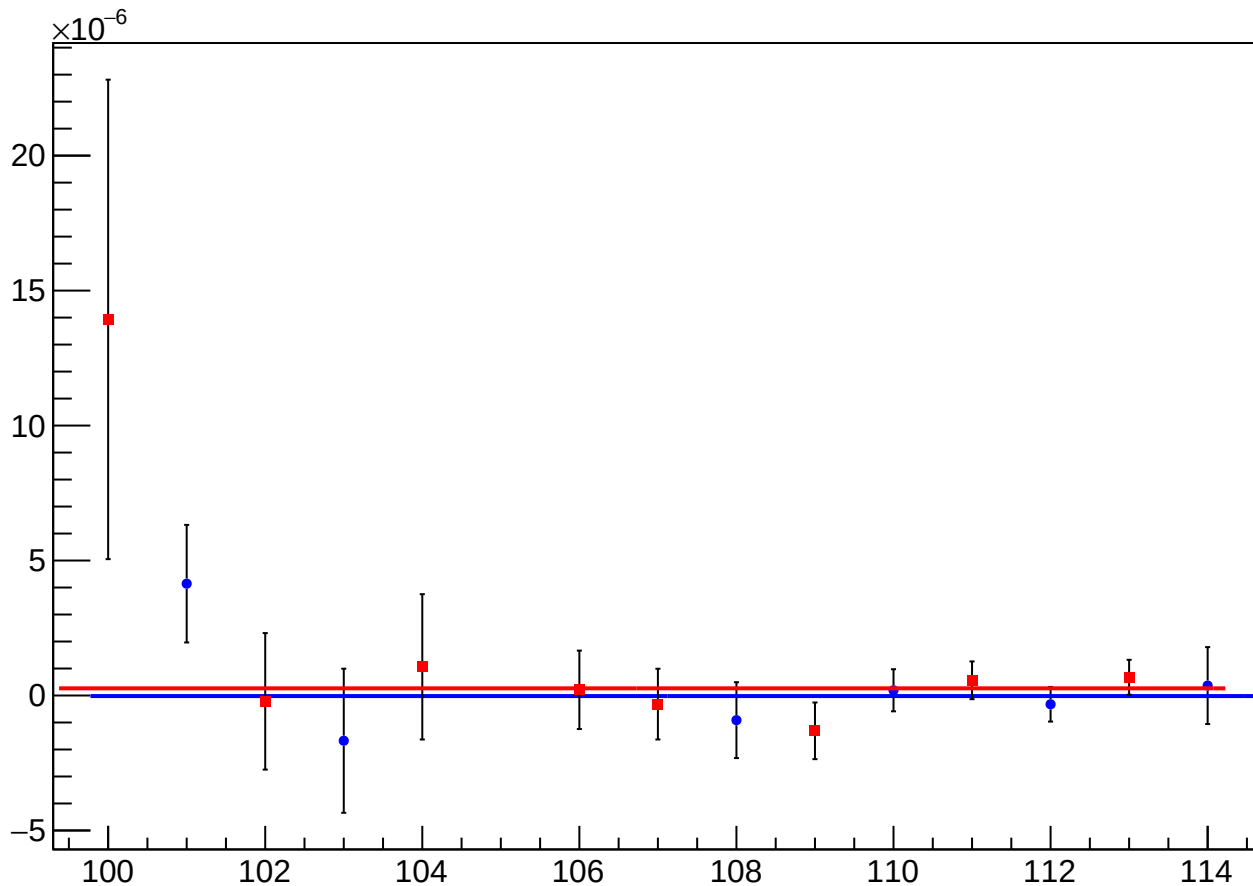
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.827 $\pm$ 0.009 χ^2 /NDF: 712006.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.5/7

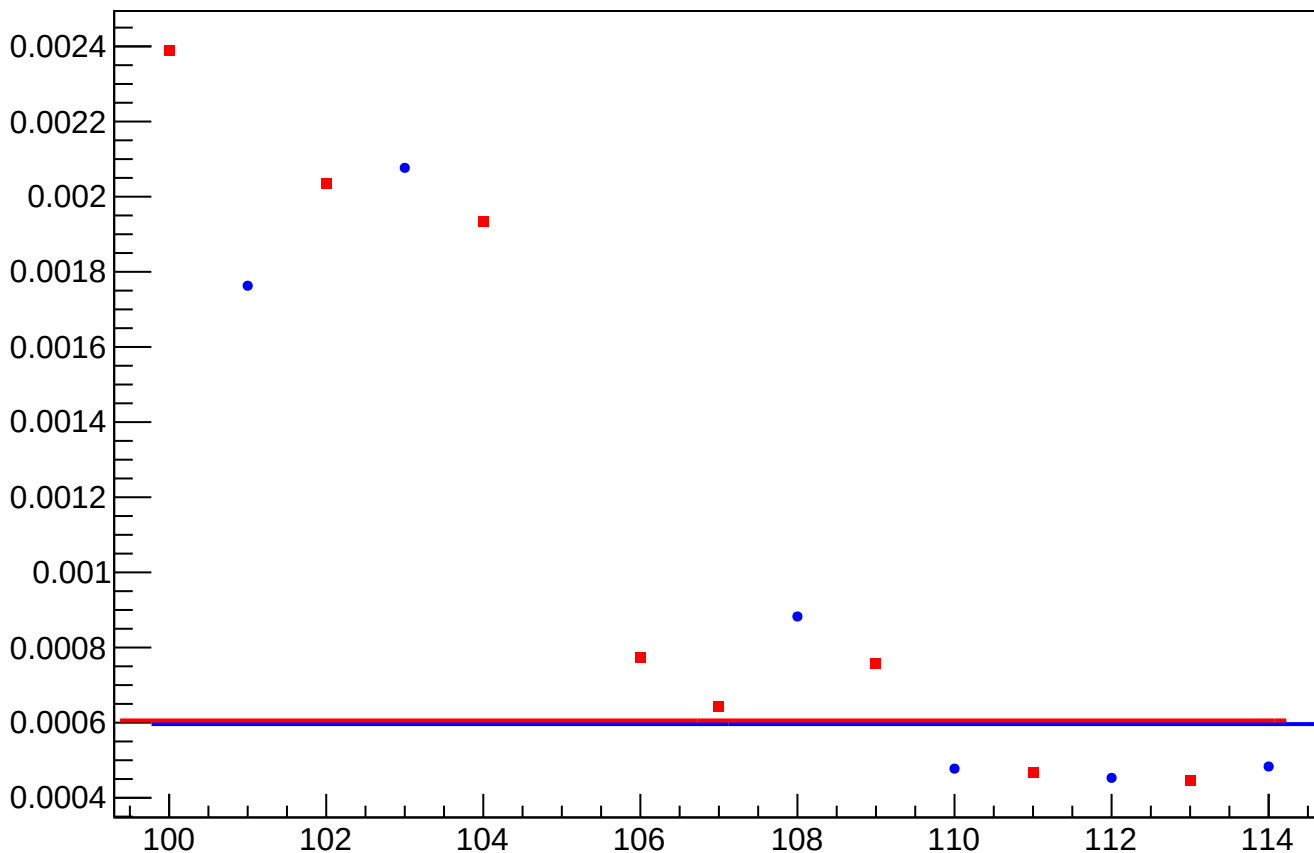
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1430807.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1478304.6/7

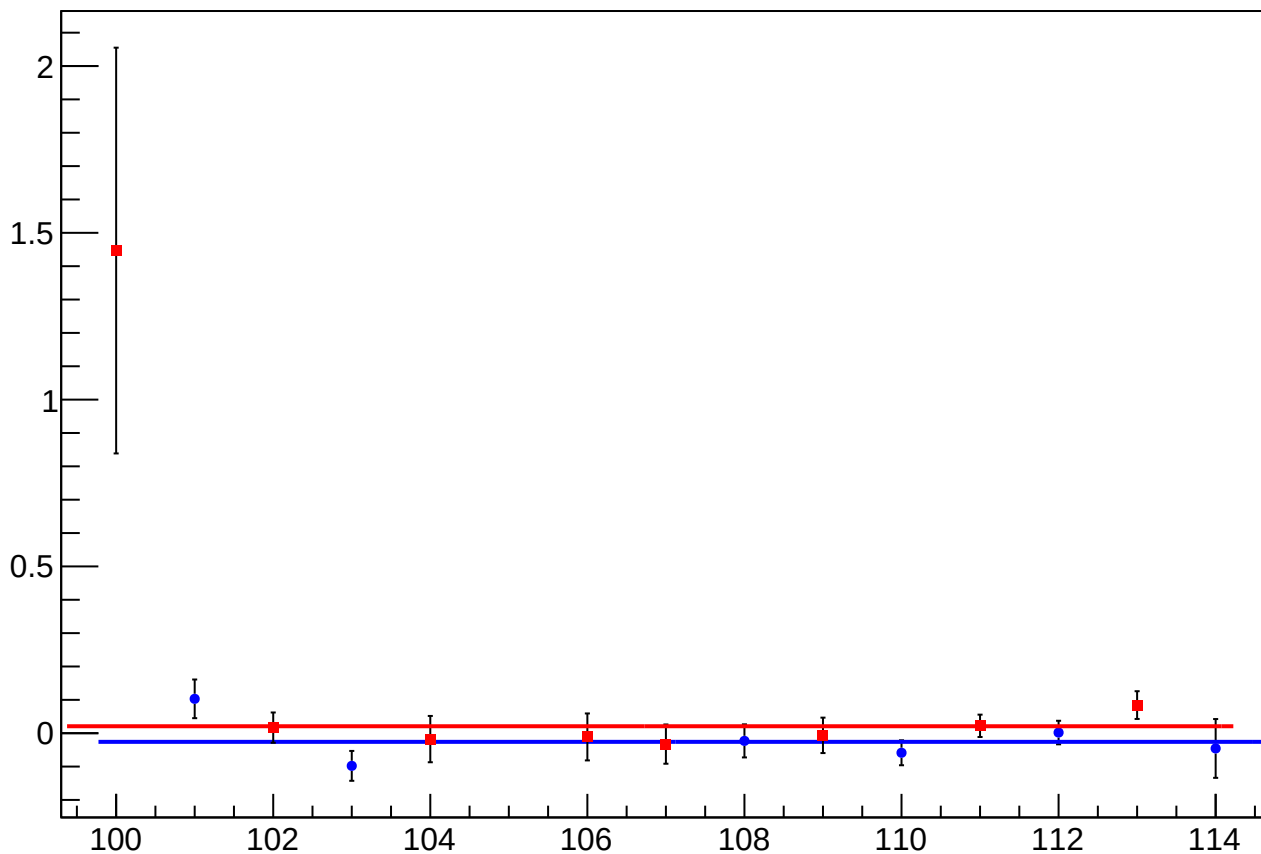
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2909677.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 ± 0.019 χ^2/NDF : 9.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.018 χ^2/NDF : 9.4/7

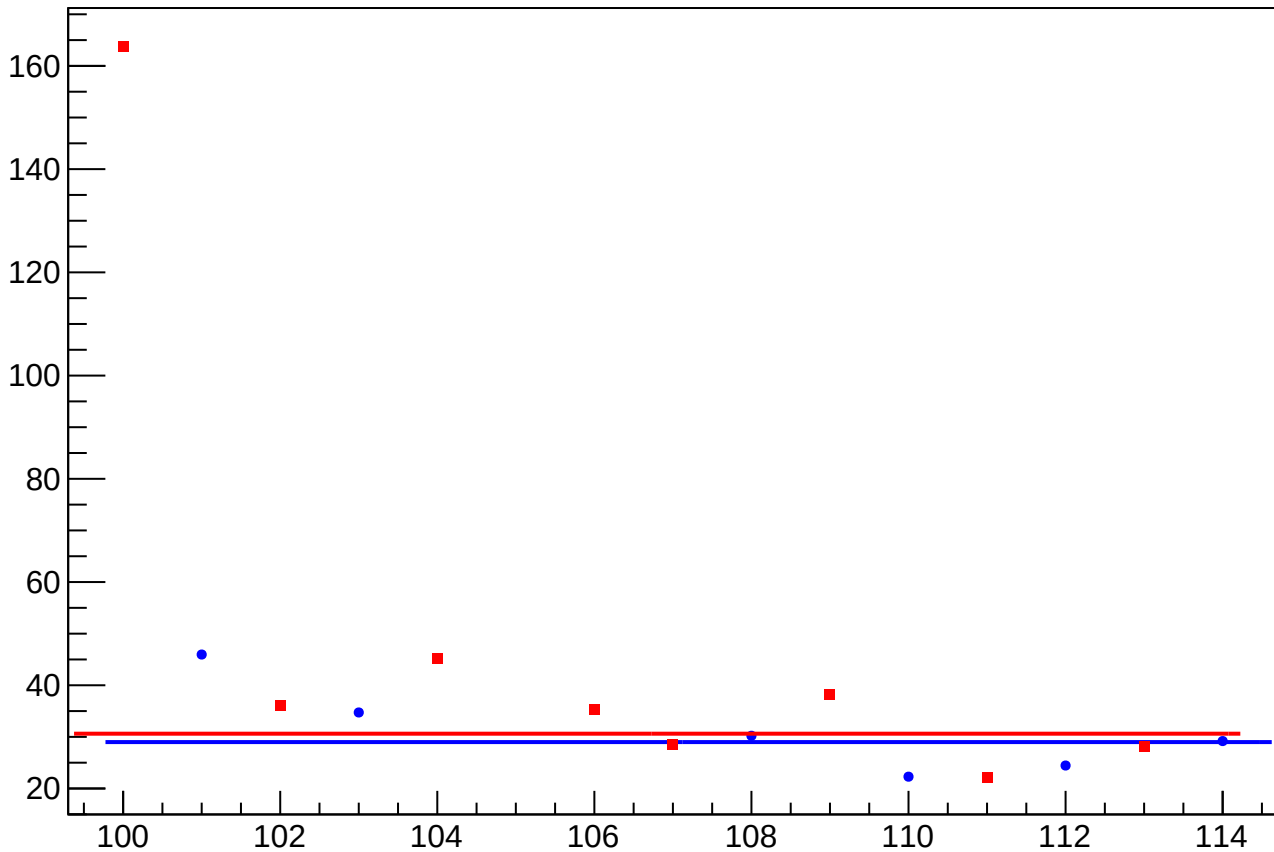
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.013 χ^2/NDF : 21.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.992 $\pm$ 0.013 χ^2 /NDF: 302762.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.618 $\pm$ 0.013 χ^2 /NDF: 401530.6/7

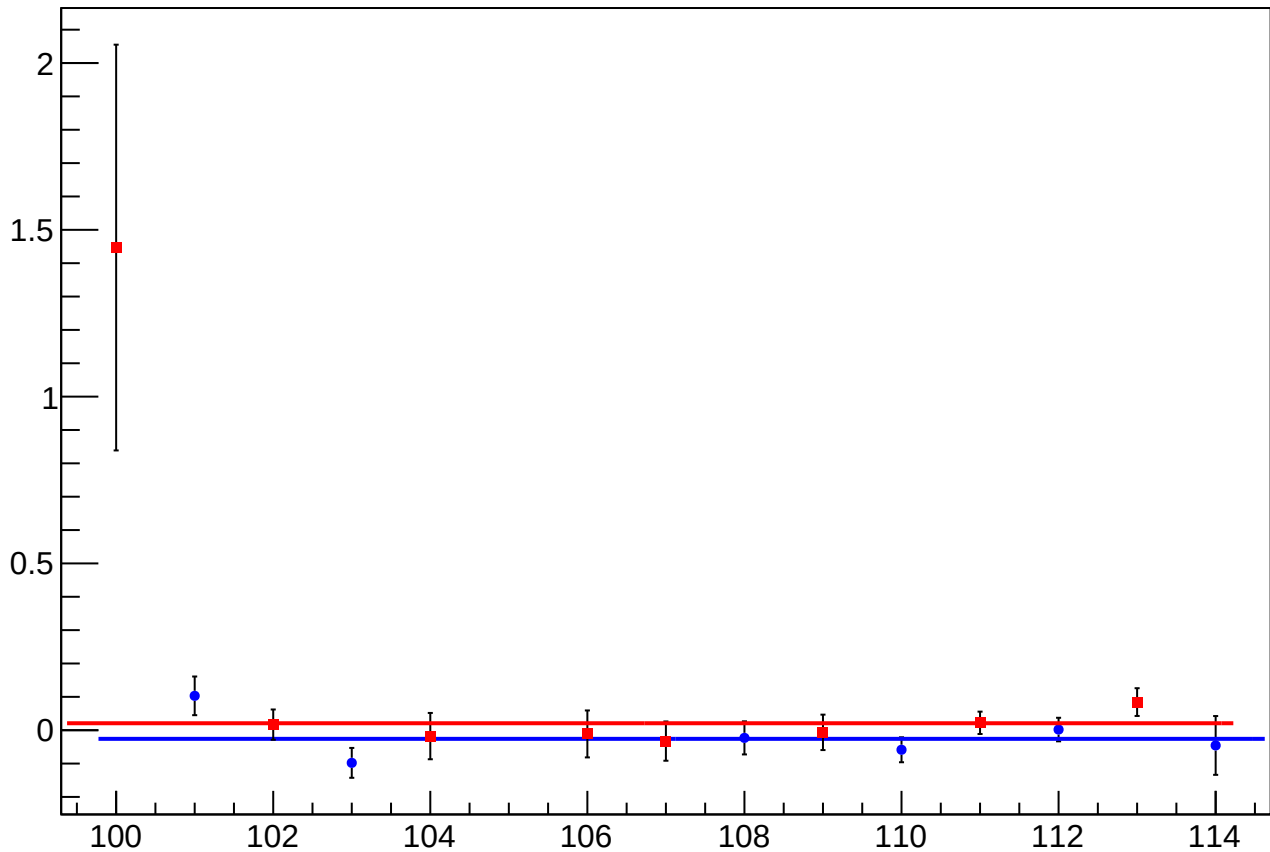
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.828 $\pm$ 0.009 χ^2 /NDF: 712034.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 ± 0.019 χ^2/NDF : 9.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.018 χ^2/NDF : 9.4/7

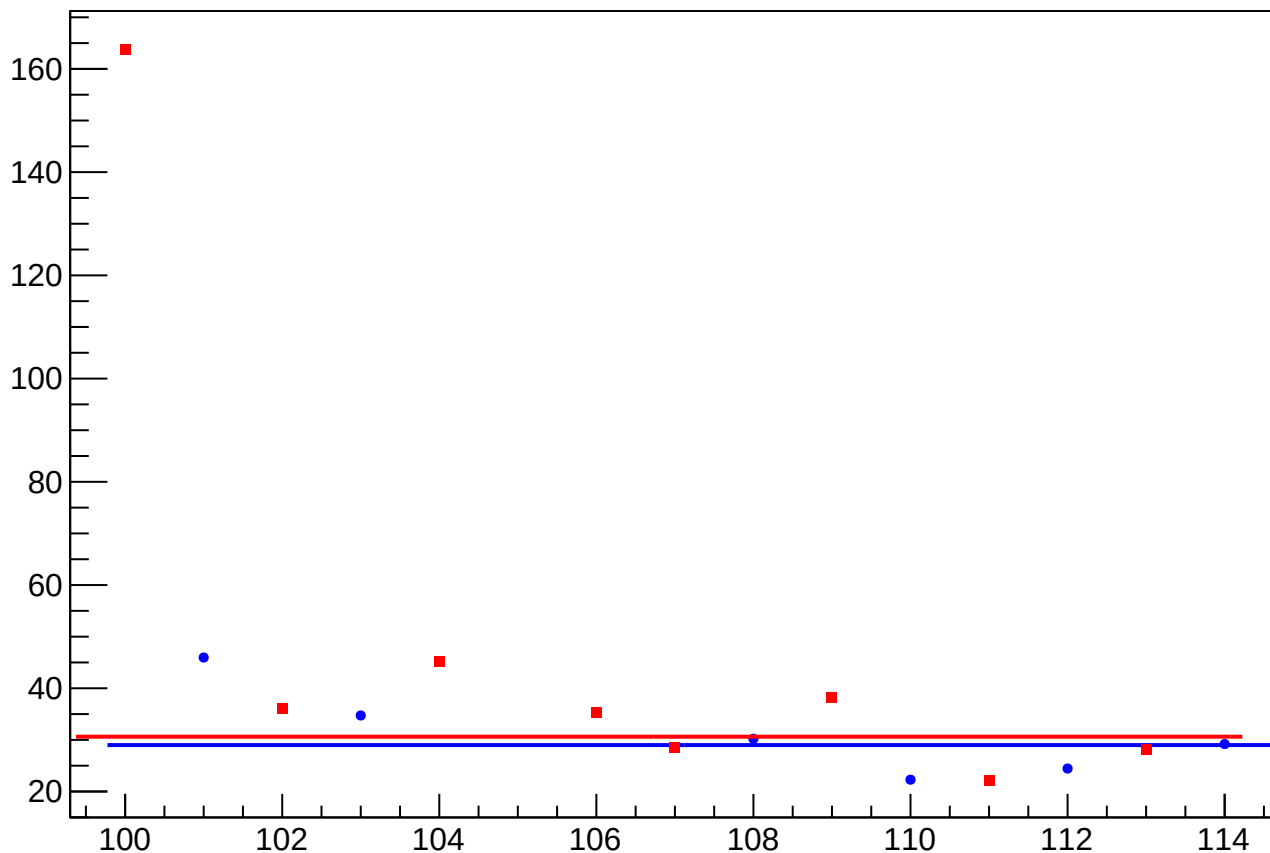
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.013 χ^2/NDF : 21.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.992 $\pm$ 0.013 χ^2 /NDF: 302762.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.618 $\pm$ 0.013 χ^2 /NDF: 401530.6/7

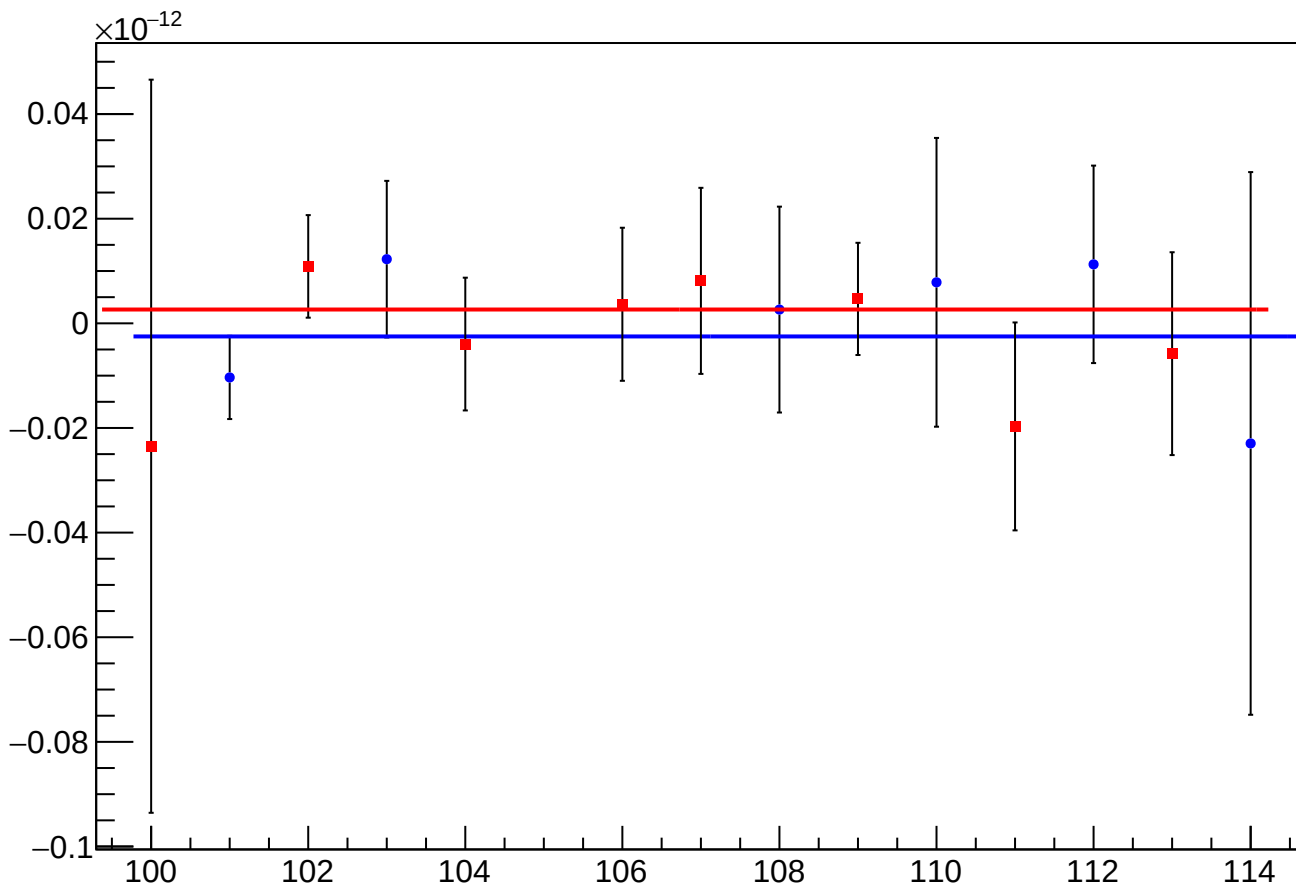
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.828 $\pm$ 0.009 χ^2 /NDF: 712034.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2.7/7

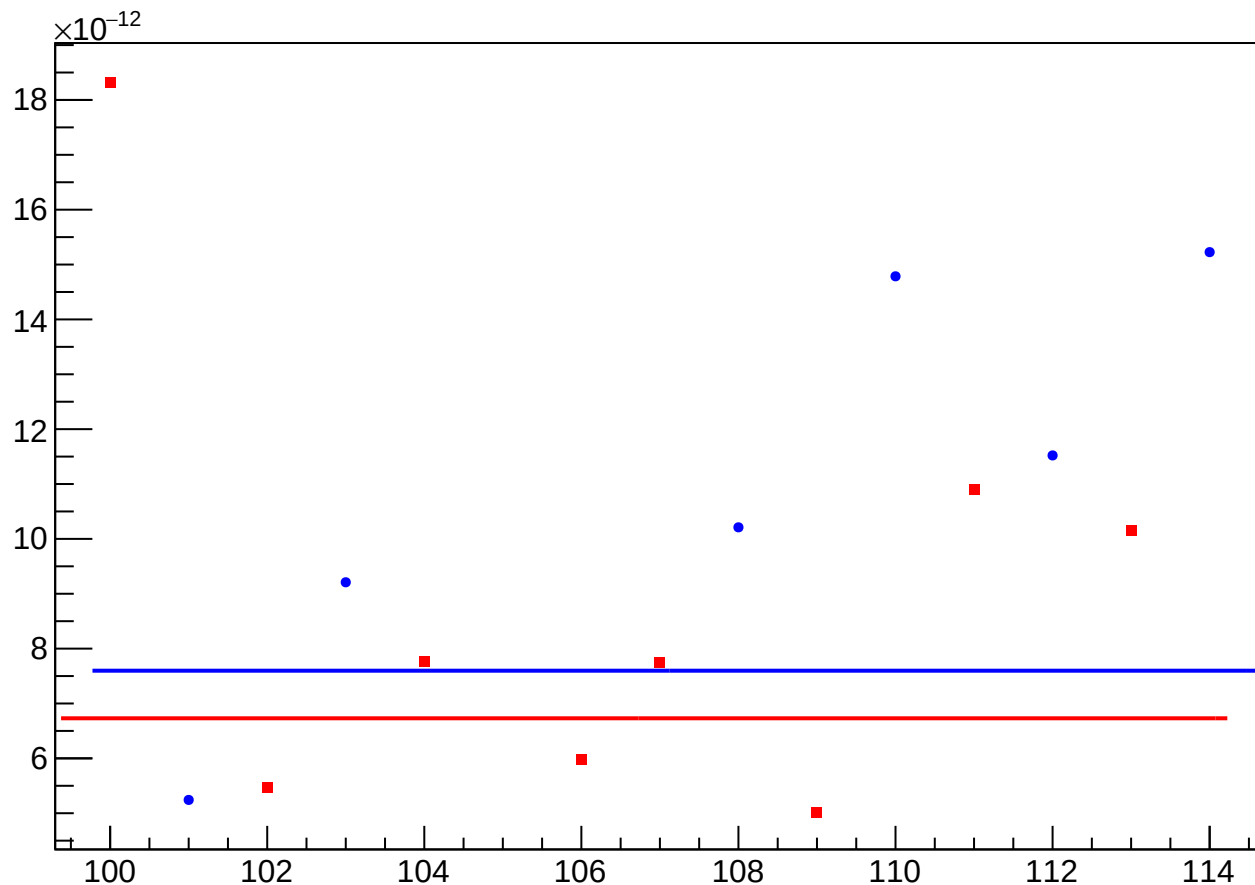
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 6.0/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 499197.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315560.7/7

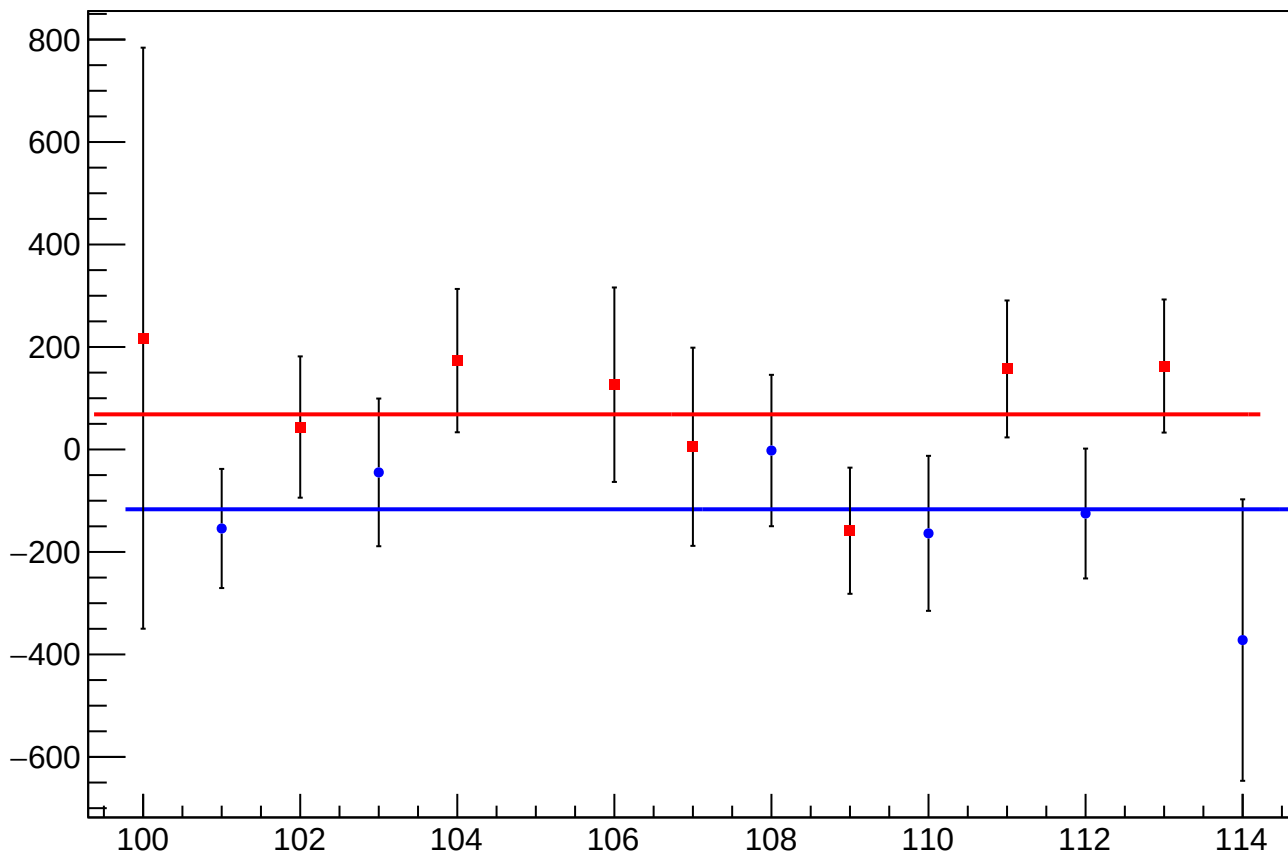
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 838829.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -116.728+/-59.006 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.556+/-54.024 χ^2/NDF : 5.2/7

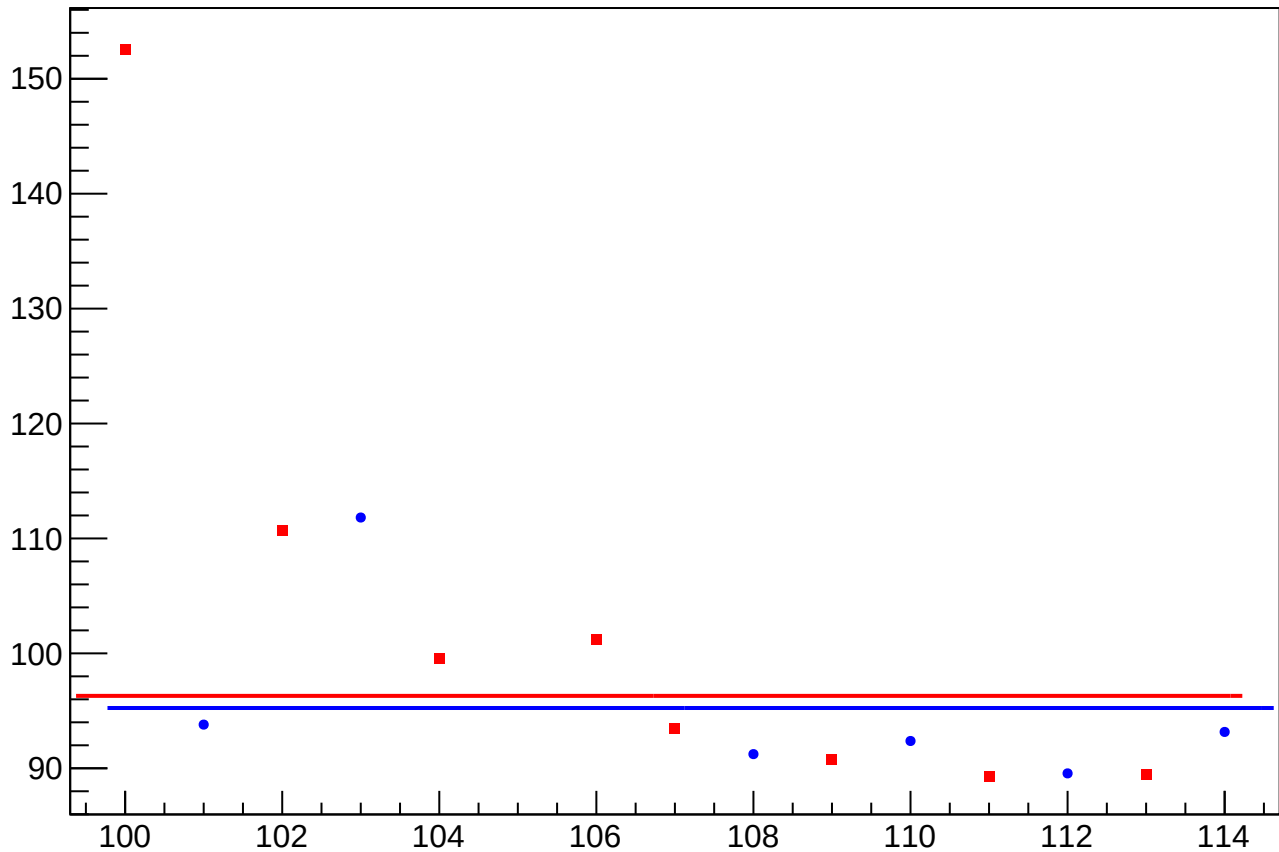
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.935+/-39.846 χ^2/NDF : 12.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 95.245+/-0.042 χ^2/NDF : 33111.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.301+/-0.038 χ^2/NDF : 59610.0/7

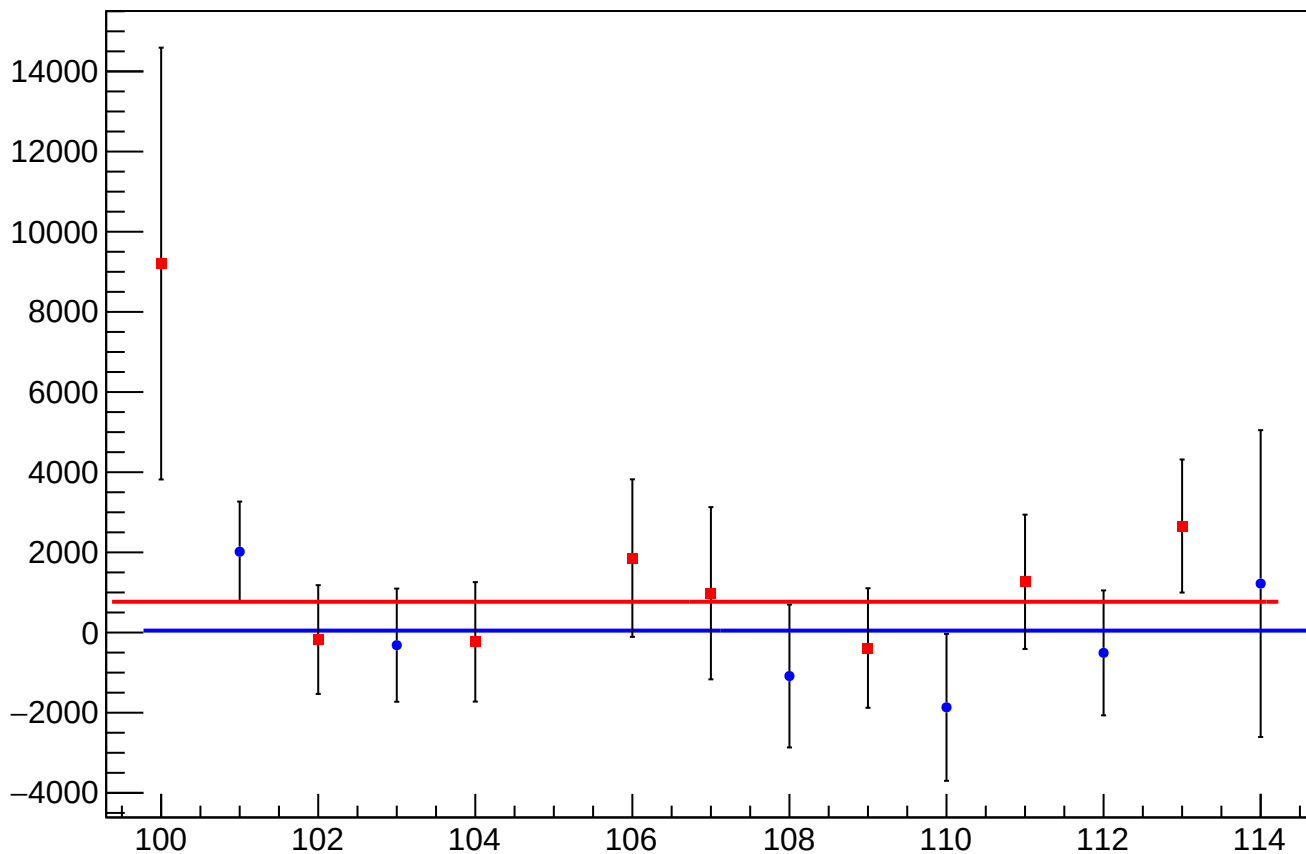
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.819+/-0.028 χ^2/NDF : 93069.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 48.228+/-669.230 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 768.078+/-611.661 χ^2/NDF : 5.7/7

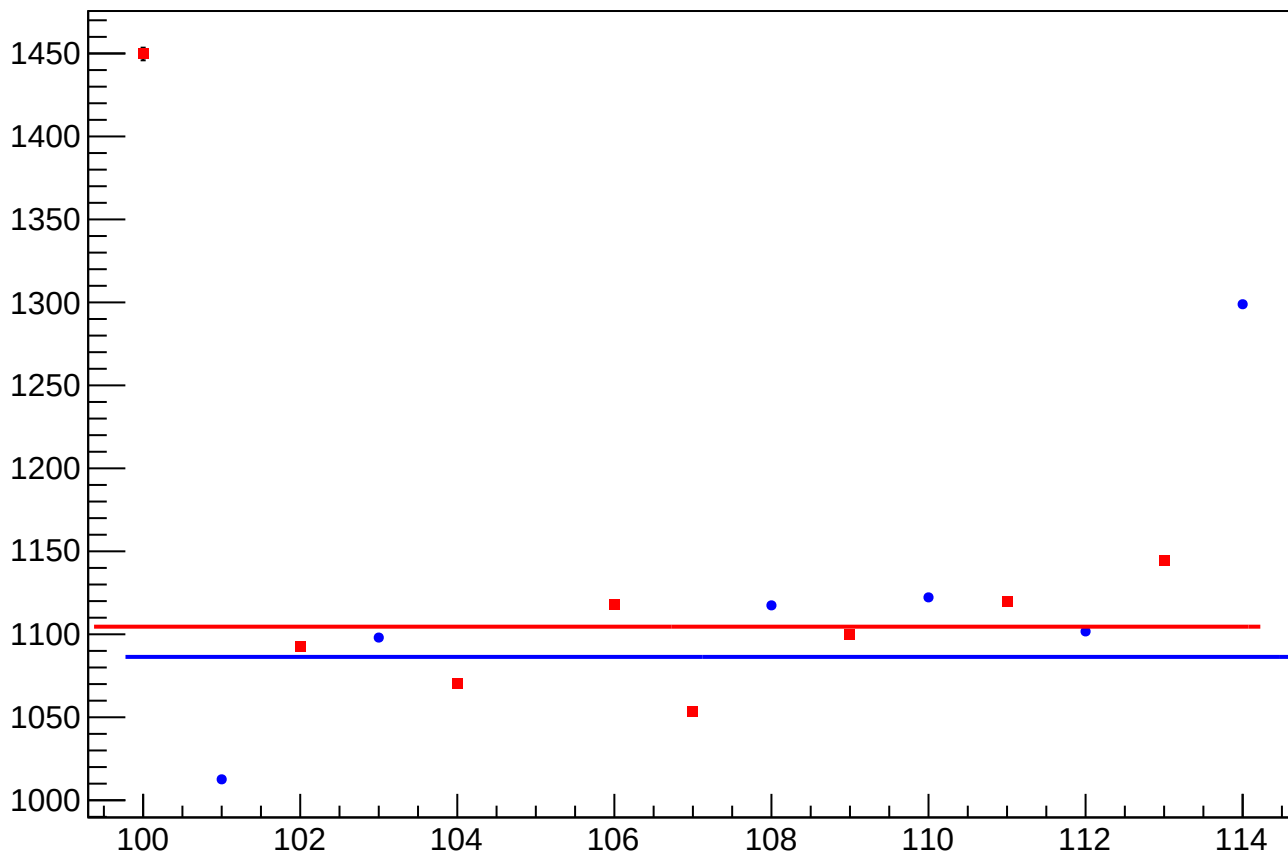
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.441+/-451.493 χ^2/NDF : 10.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 1086.383+/-0.473 χ^2/NDF : 14820.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.593+/-0.433 χ^2/NDF : 11954.4/7

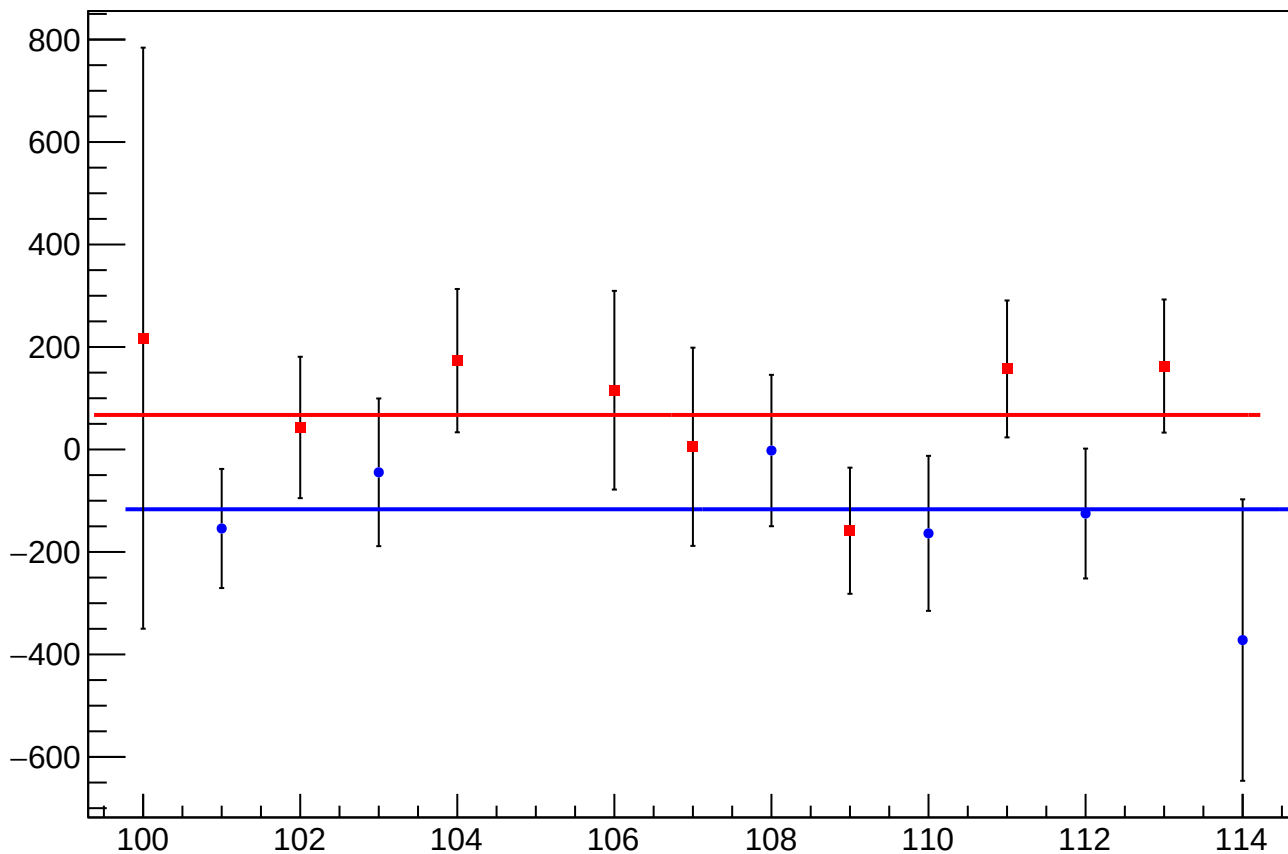
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.305+/-0.319 χ^2/NDF : 27582.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -116.706 $\pm$ 59.007 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.396 $\pm$ 54.122 χ^2 /NDF: 5.2/7

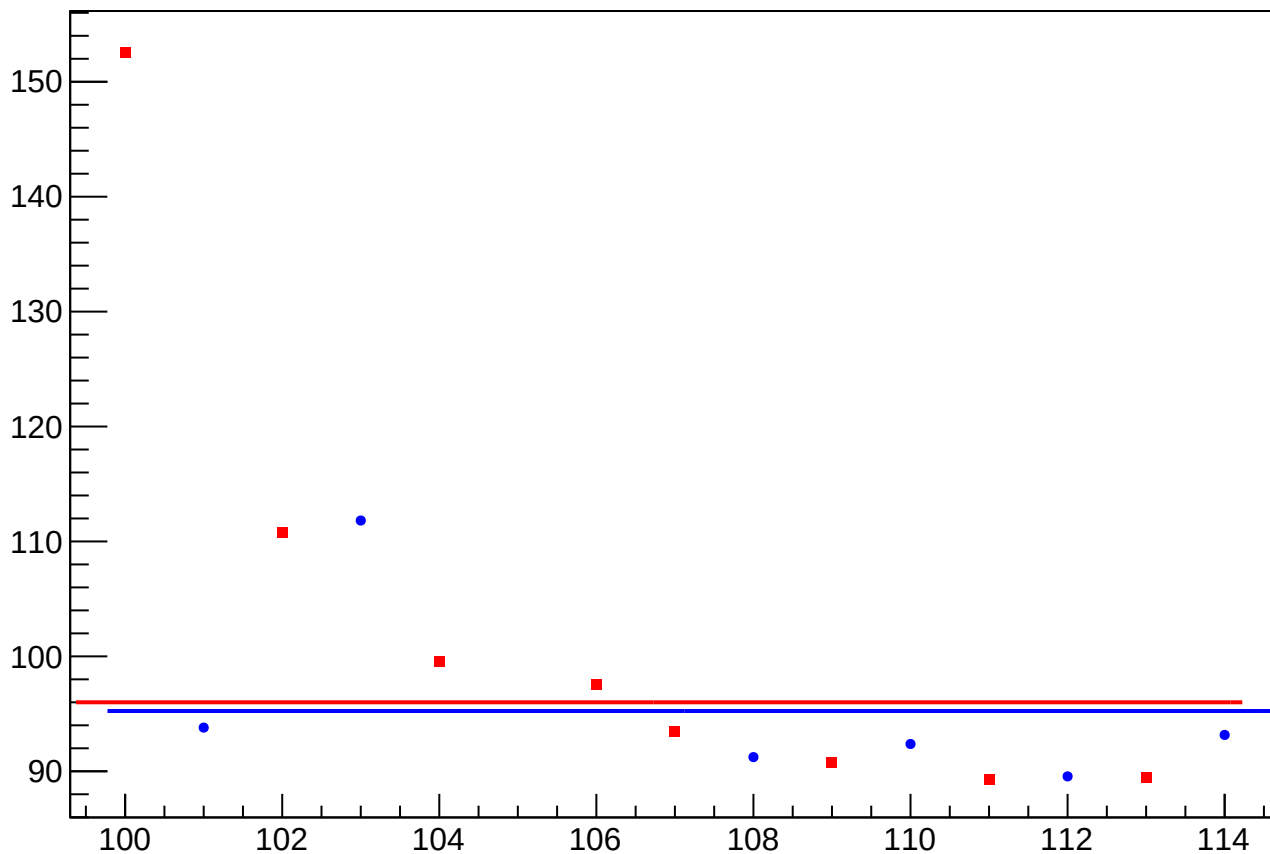
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.721 $\pm$ 39.885 χ^2 /NDF: 12.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 95.245 $\pm$ 0.042 χ^2 /NDF: 33112.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.003 $\pm$ 0.038 χ^2 /NDF: 58445.1/7

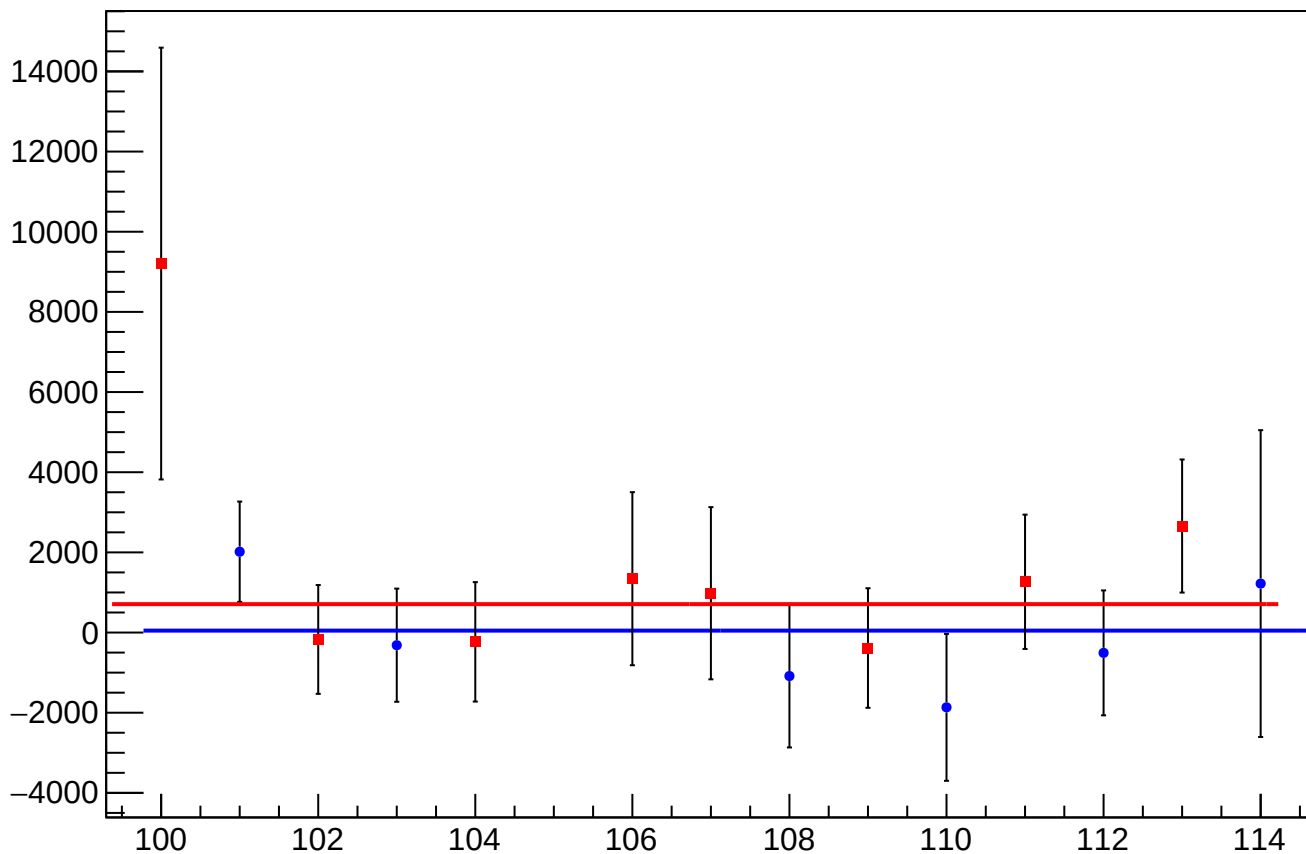
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.657 $\pm$ 0.028 χ^2 /NDF: 91737.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 48.122+/-669.238 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.592+/-616.881 χ^2/NDF : 5.4/7

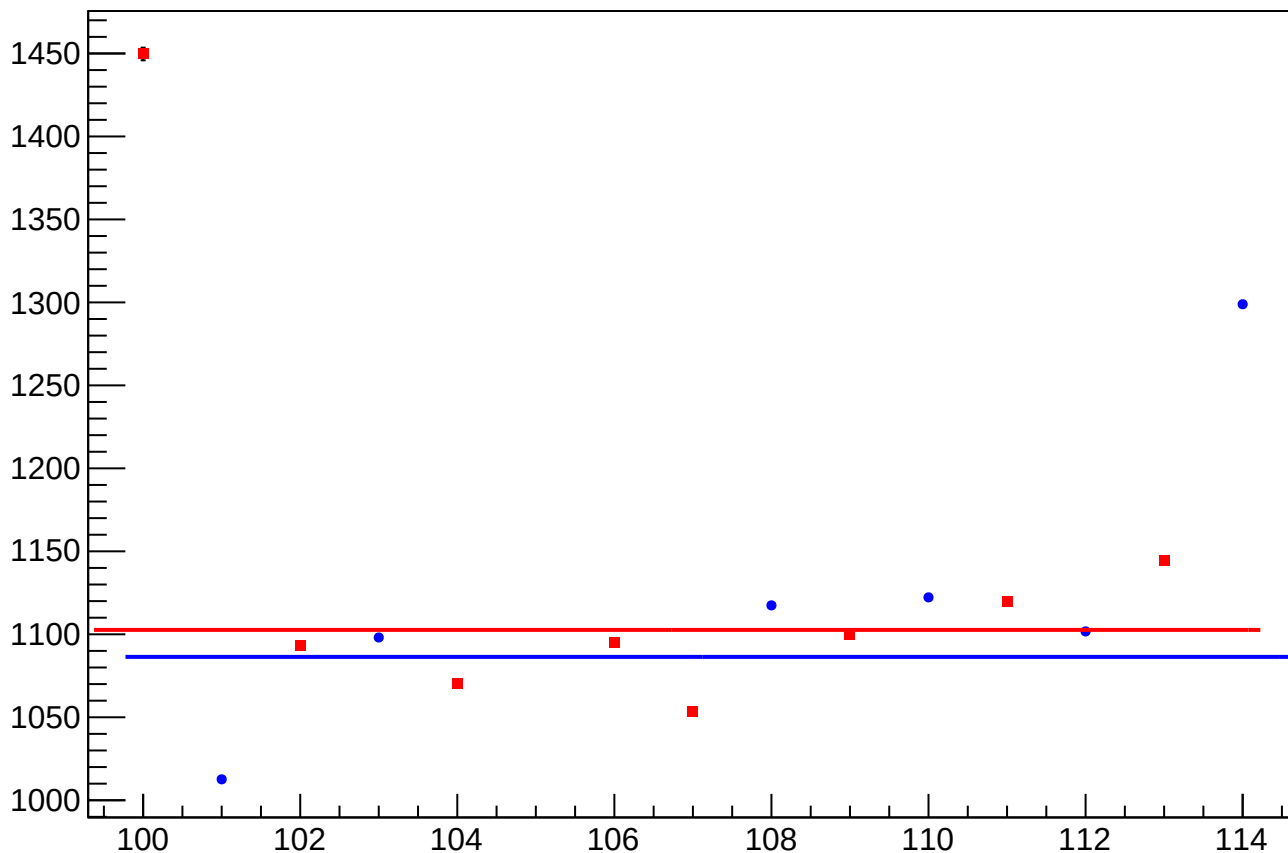
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.199+/-453.583 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 1086.395 $\pm$ 0.473 χ^2 /NDF: 14822.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1102.648 $\pm$ 0.436 χ^2 /NDF: 11868.4/7

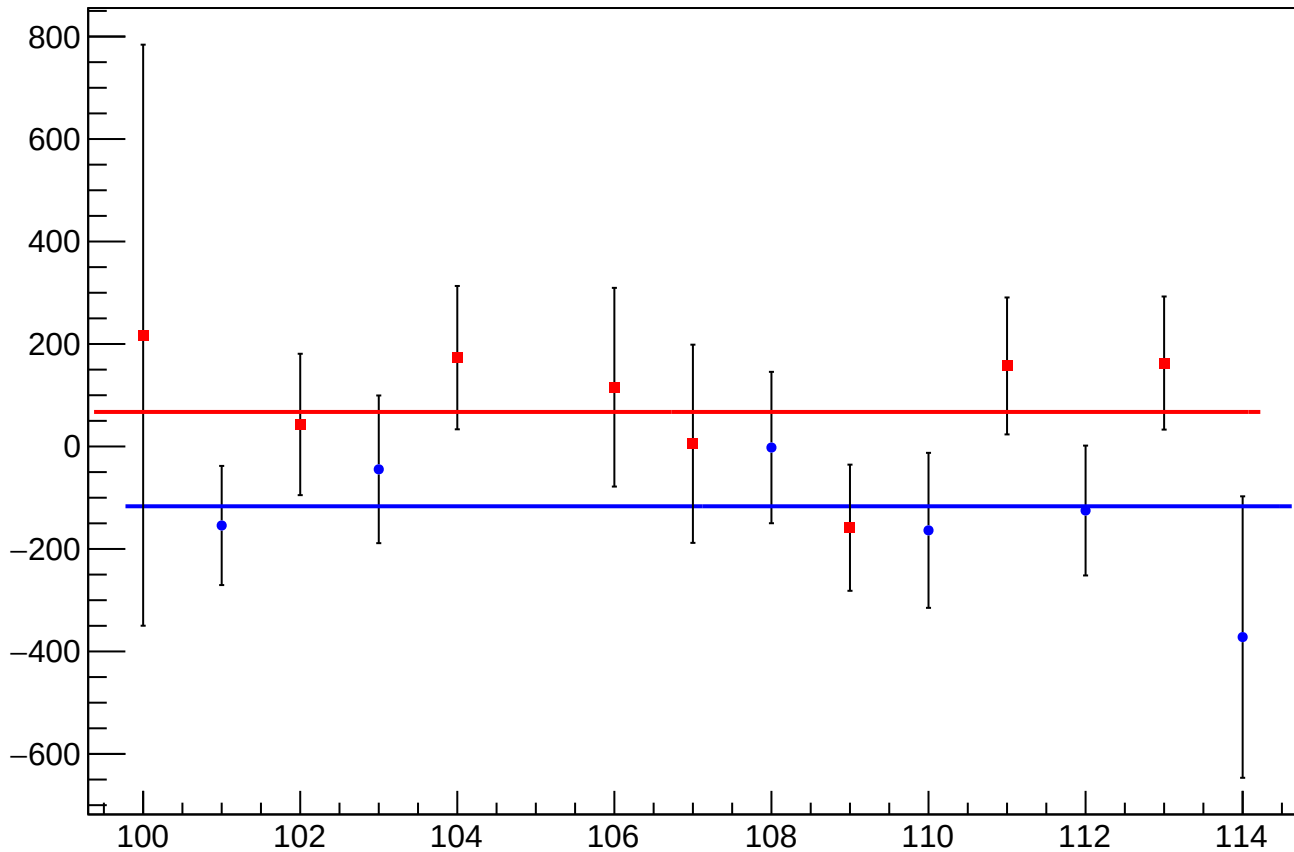
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1095.182 $\pm$ 0.321 χ^2 /NDF: 27328.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -116.706 ± 59.007 χ^2/NDF : 1.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 67.396 ± 54.122 χ^2/NDF : 5.2/7

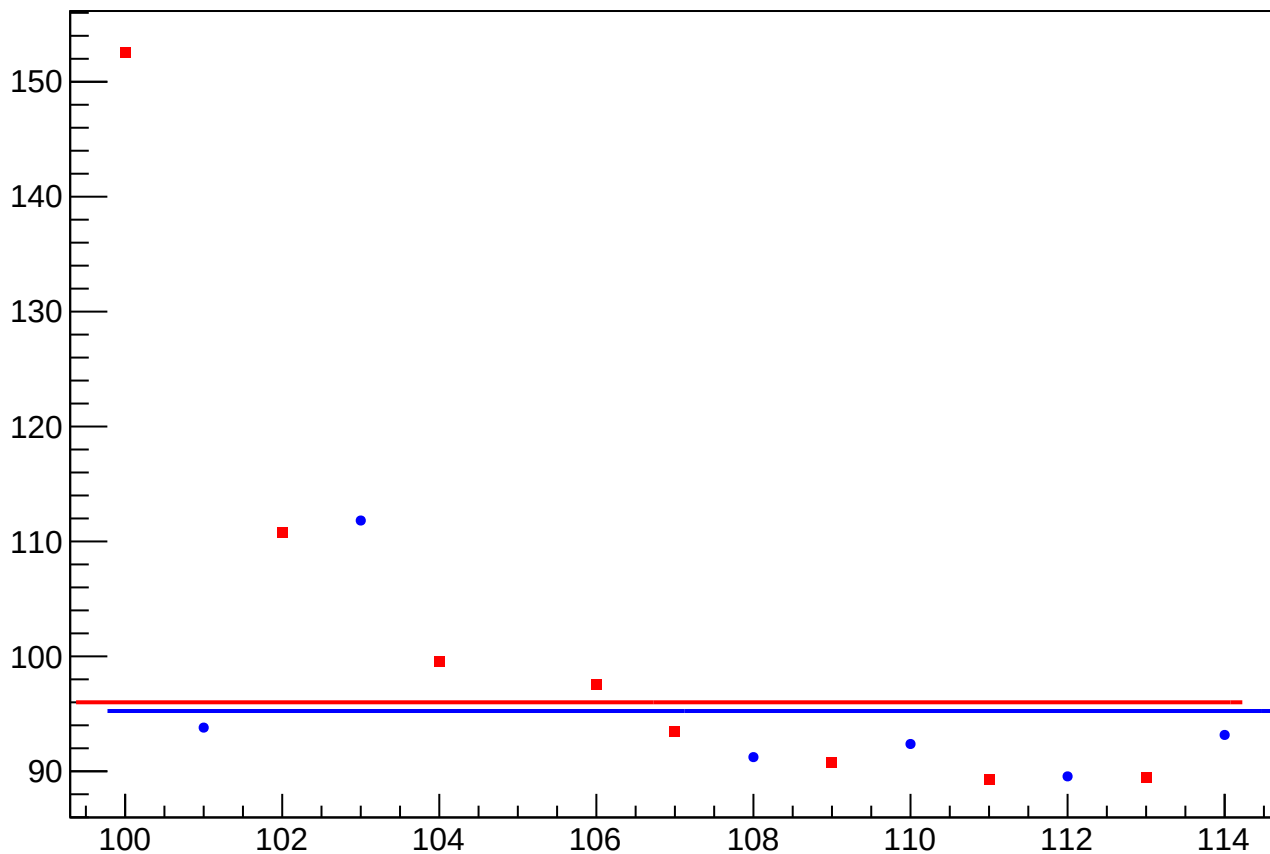
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.721 ± 39.885 χ^2/NDF : 12.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 95.245 $\pm$ 0.042 χ^2 /NDF: 33112.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.003 $\pm$ 0.038 χ^2 /NDF: 58445.1/7

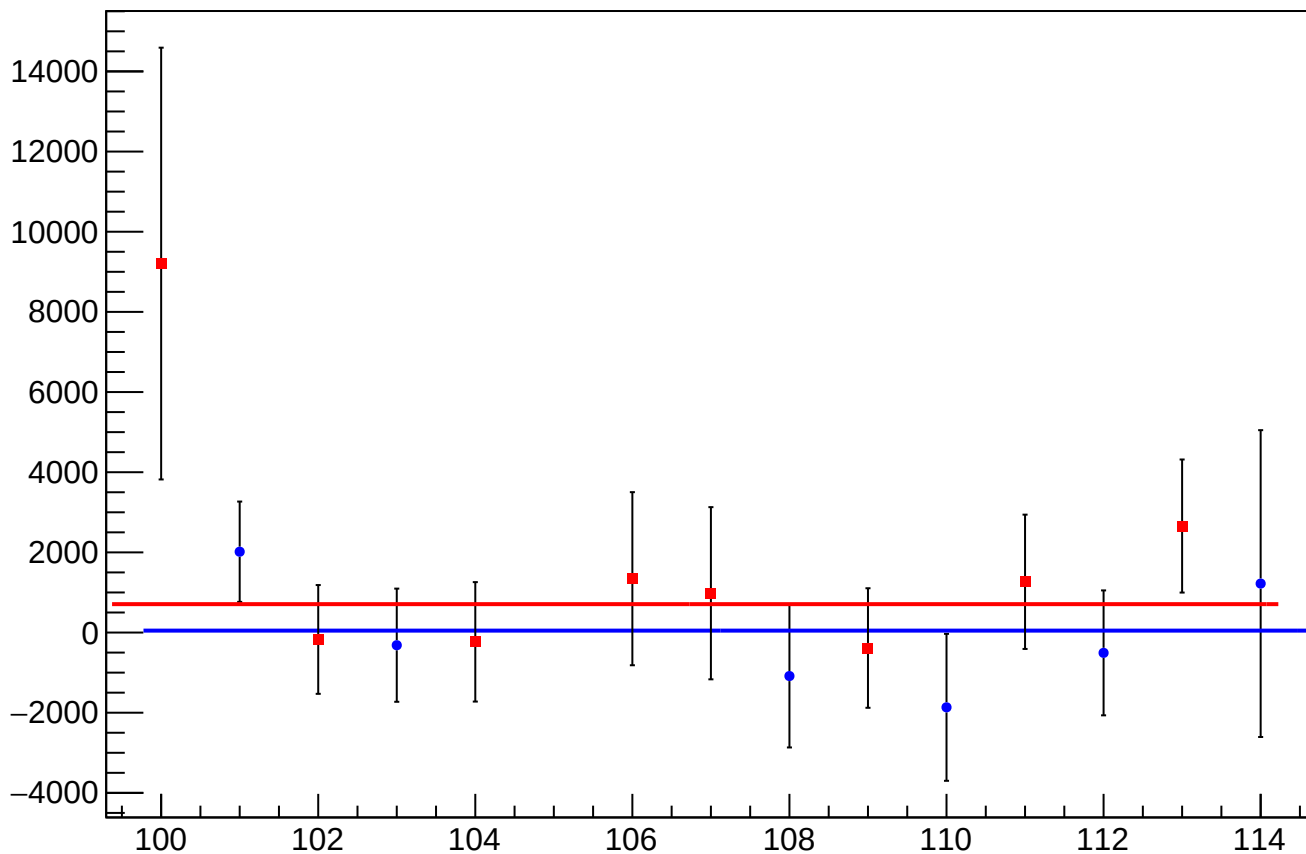
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.657 $\pm$ 0.028 χ^2 /NDF: 91737.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug



Right In: 48.122+/-669.238 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.592+/-616.881 χ^2/NDF : 5.4/7

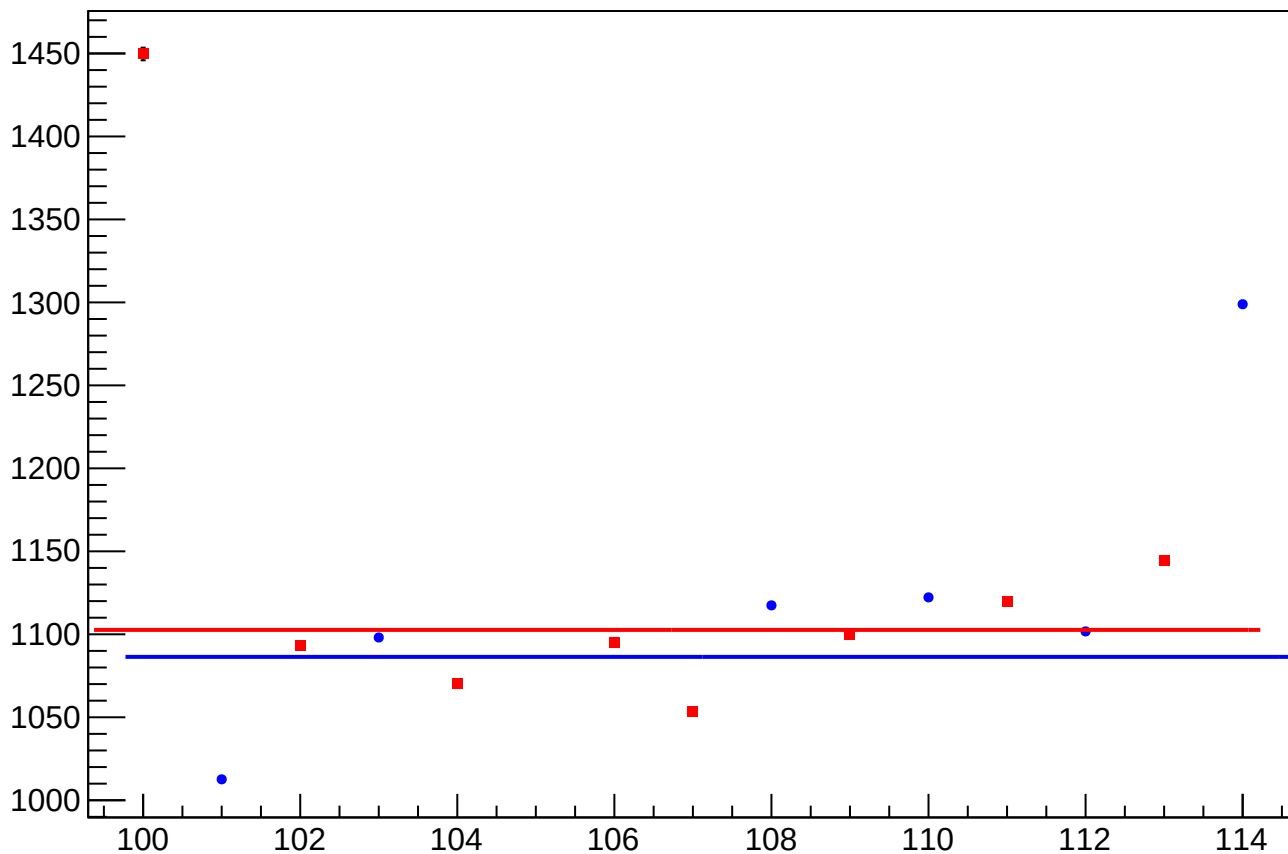
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.199+/-453.583 χ^2/NDF : 10.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 1086.395+/-0.473 χ^2/NDF : 14822.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1102.648+/-0.436 χ^2/NDF : 11868.4/7

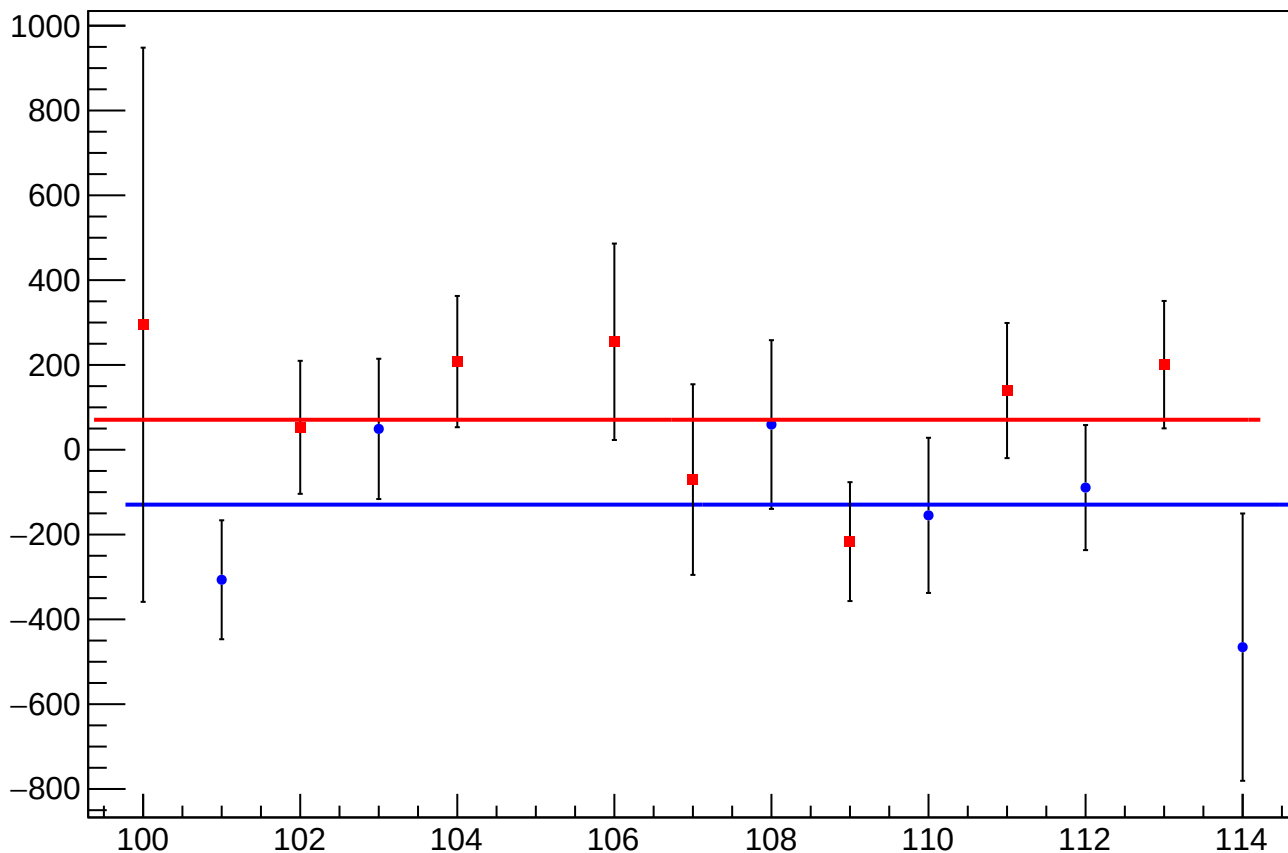
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.182+/-0.321 χ^2/NDF : 27328.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -129.417 ± 70.963 χ^2/NDF : 4.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 70.754 ± 62.287 χ^2/NDF : 7.1/7

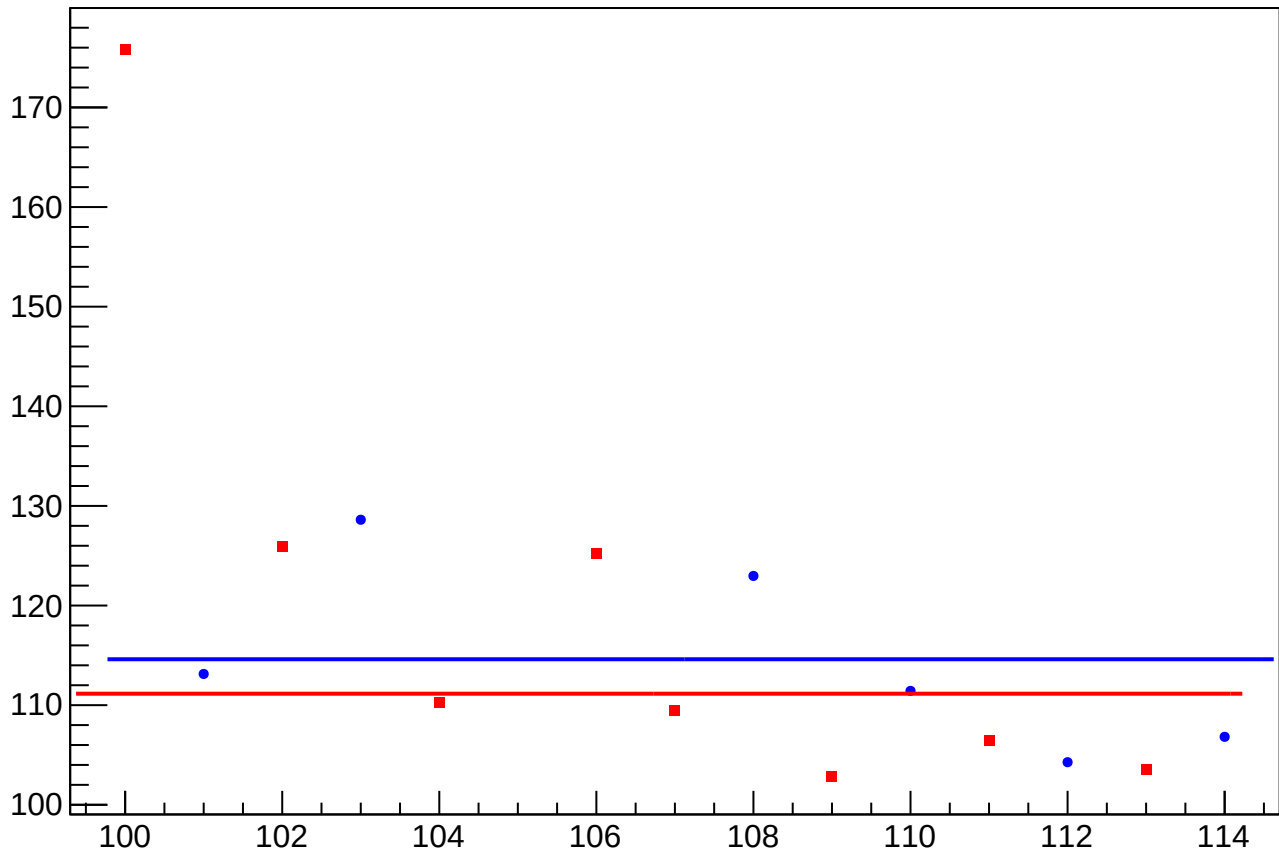
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.352 ± 46.812 χ^2/NDF : 16.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 114.607 $\pm$ 0.050 χ^2 /NDF: 29740.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.150 $\pm$ 0.044 χ^2 /NDF: 58951.9/7

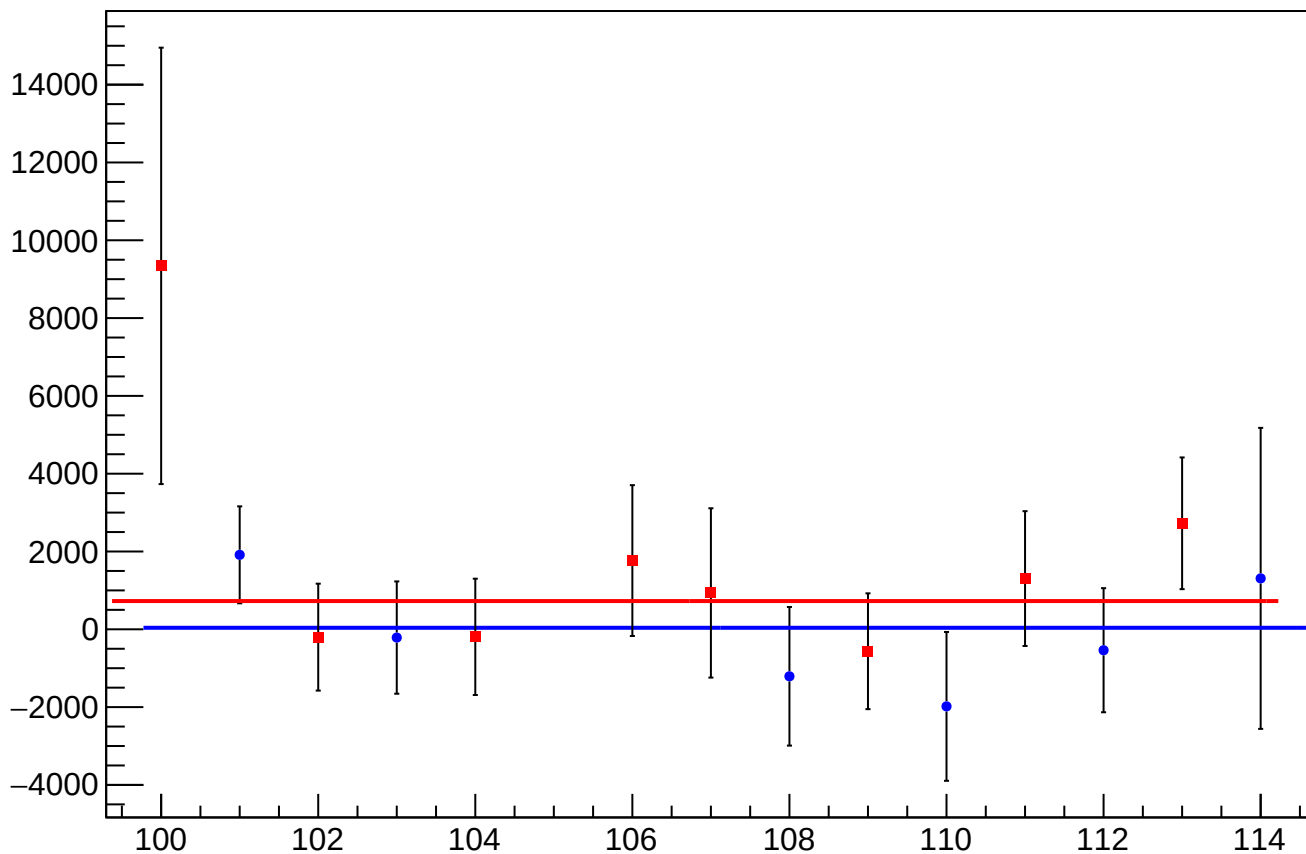
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.655 $\pm$ 0.033 χ^2 /NDF: 91372.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 39.125+/-678.473 χ^2/NDF : 4.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 725.930+/-617.875 χ^2/NDF : 5.7/7

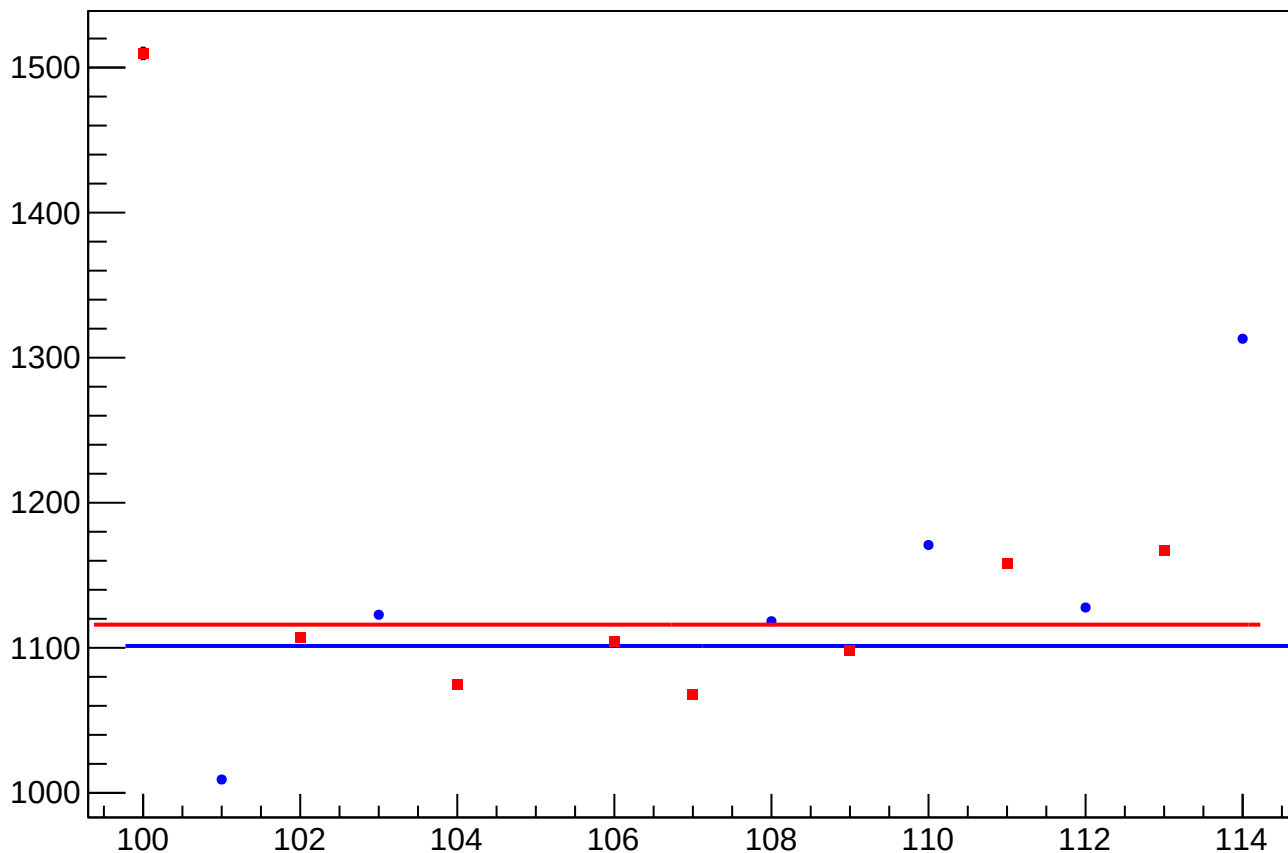
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.562+/-456.828 χ^2/NDF : 10.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 1101.275+/-0.480 χ^2/NDF : 20739.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1115.959+/-0.437 χ^2/NDF : 15806.4/7

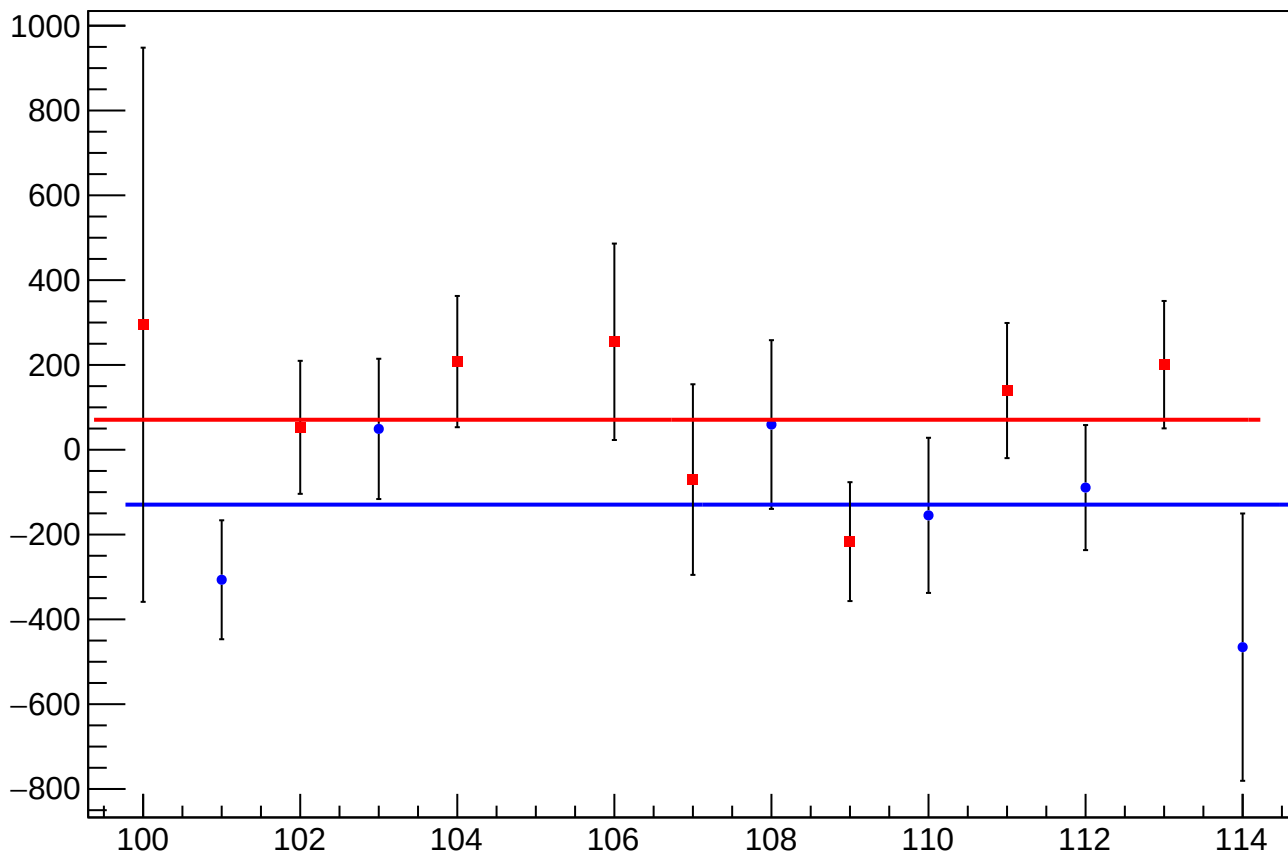
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.302+/-0.323 χ^2/NDF : 37058.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -129.414 $\pm$ 70.963 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.751 $\pm$ 62.286 χ^2 /NDF: 7.1/7

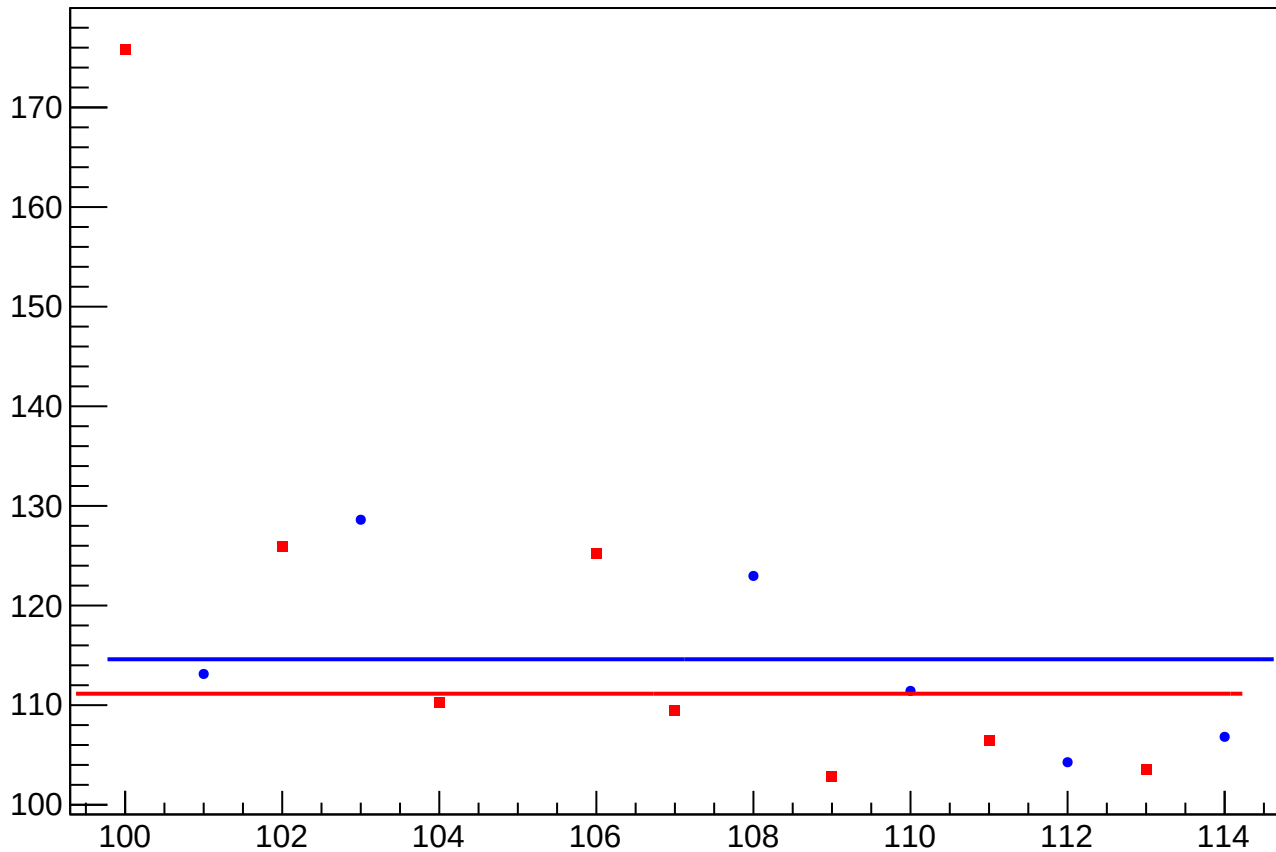
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.352 $\pm$ 46.812 χ^2 /NDF: 16.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 114.606 $\pm$ 0.050 χ^2 /NDF: 29744.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.150 $\pm$ 0.044 χ^2 /NDF: 58955.2/7

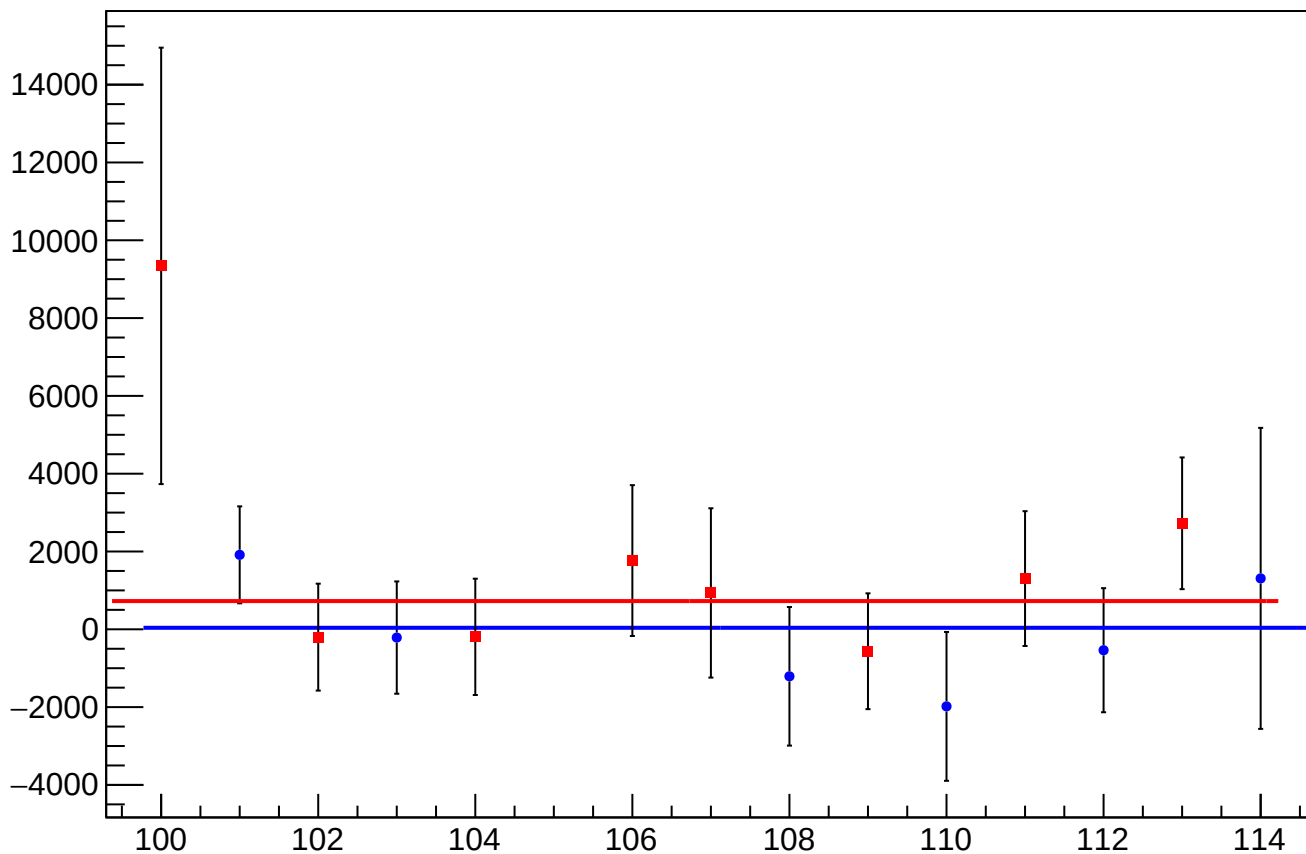
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.654 $\pm$ 0.033 χ^2 /NDF: 91379.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 39.125+/-678.470 χ^2/NDF : 4.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 725.928+/-617.873 χ^2/NDF : 5.7/7

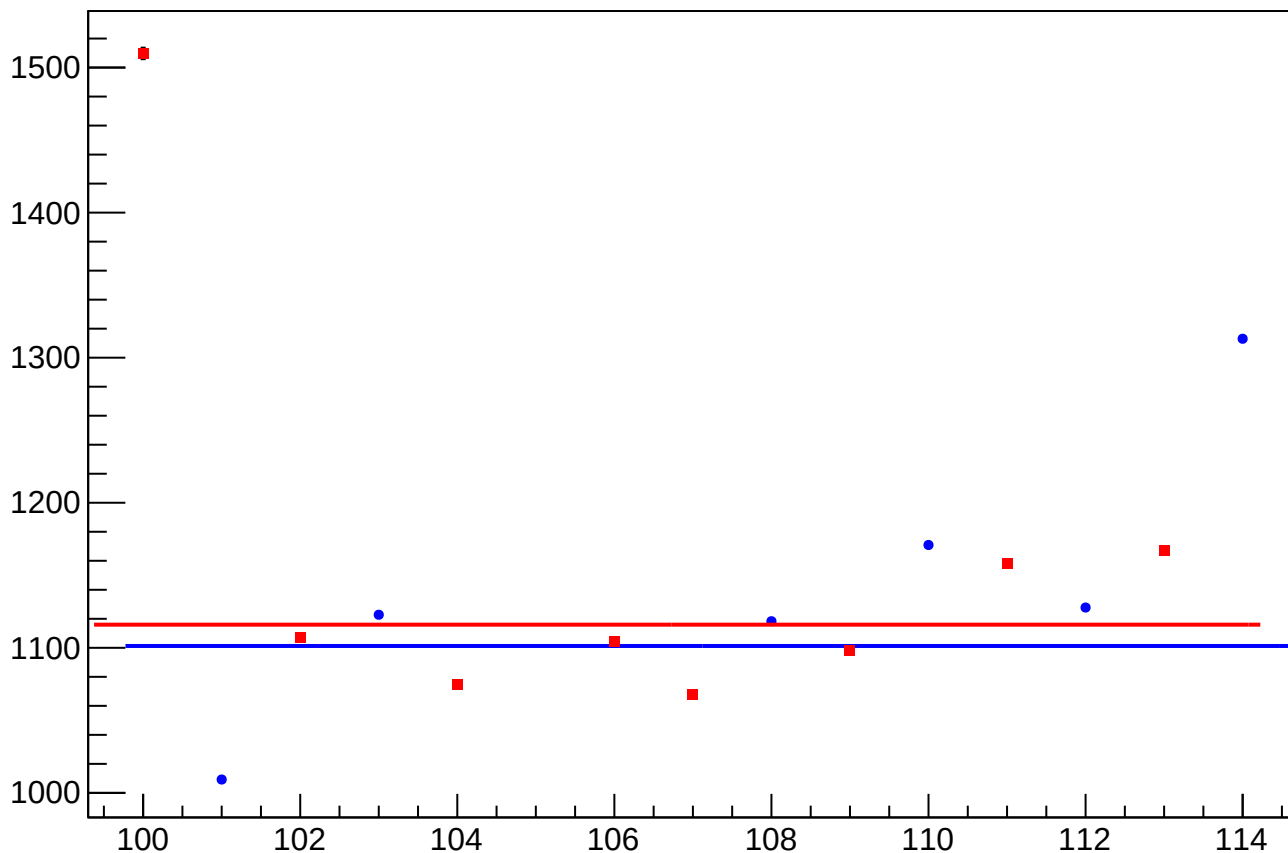
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.561+/-456.826 χ^2/NDF : 10.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 1101.272 $\pm$ 0.480 χ^2 /NDF: 20738.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1115.955 $\pm$ 0.437 χ^2 /NDF: 15805.9/7

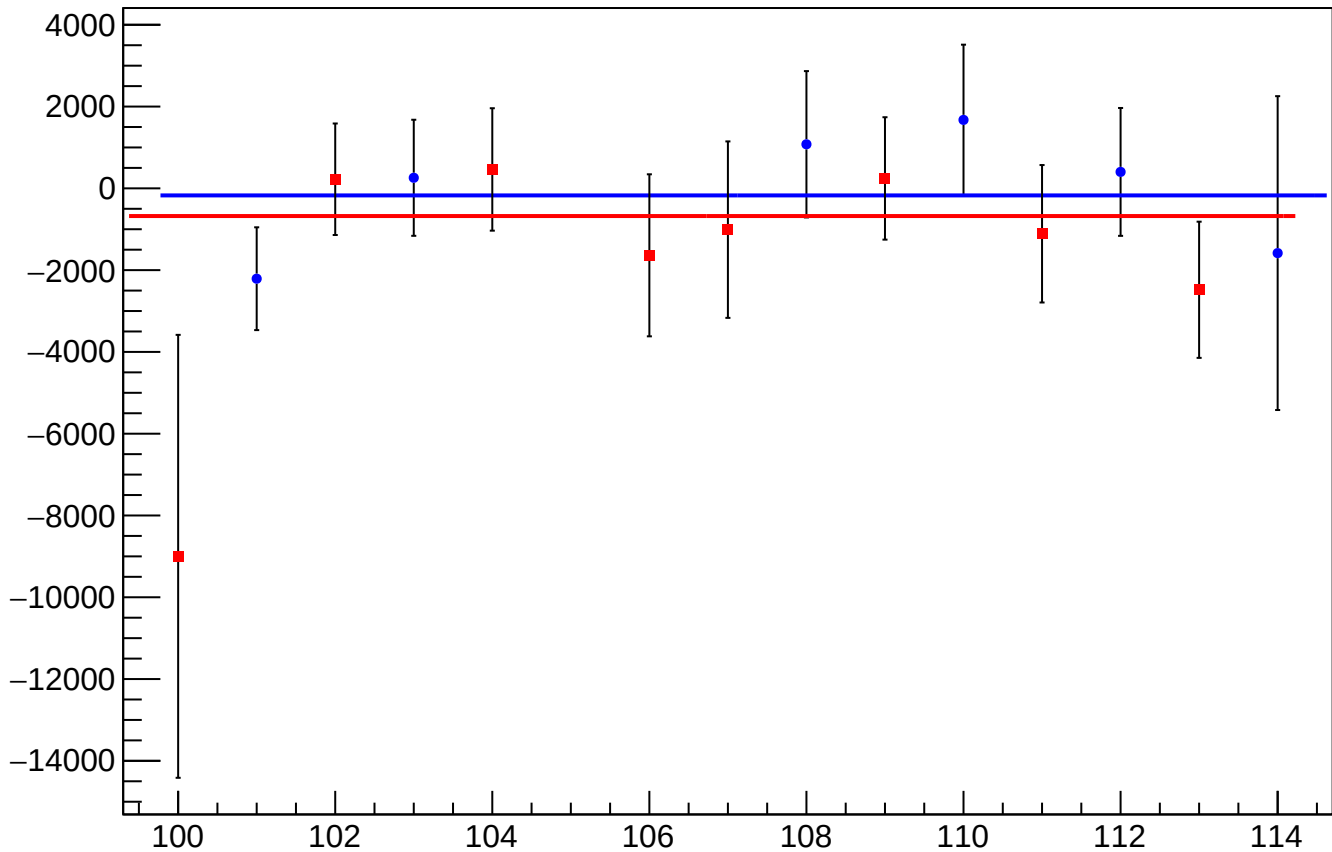
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1109.298 $\pm$ 0.323 χ^2 /NDF: 37056.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -172.642 $\pm$ 672.058 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -677.340 $\pm$ 614.426 χ^2 /NDF: 5.3/7

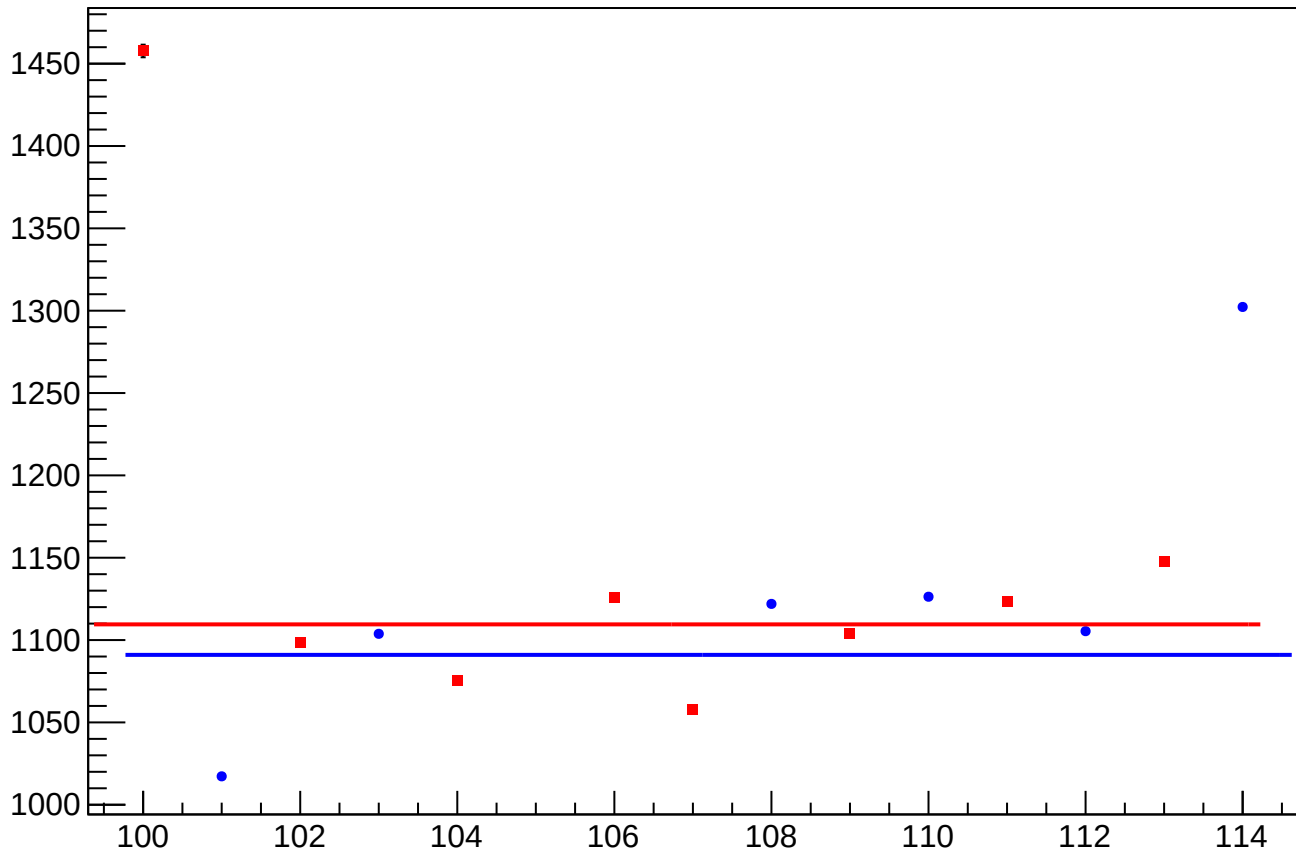
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -447.555 $\pm$ 453.473 χ^2 /NDF: 10.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 1091.007 $\pm$ 0.475 χ^2 /NDF: 14614.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1109.525 $\pm$ 0.434 χ^2 /NDF: 11922.8/7

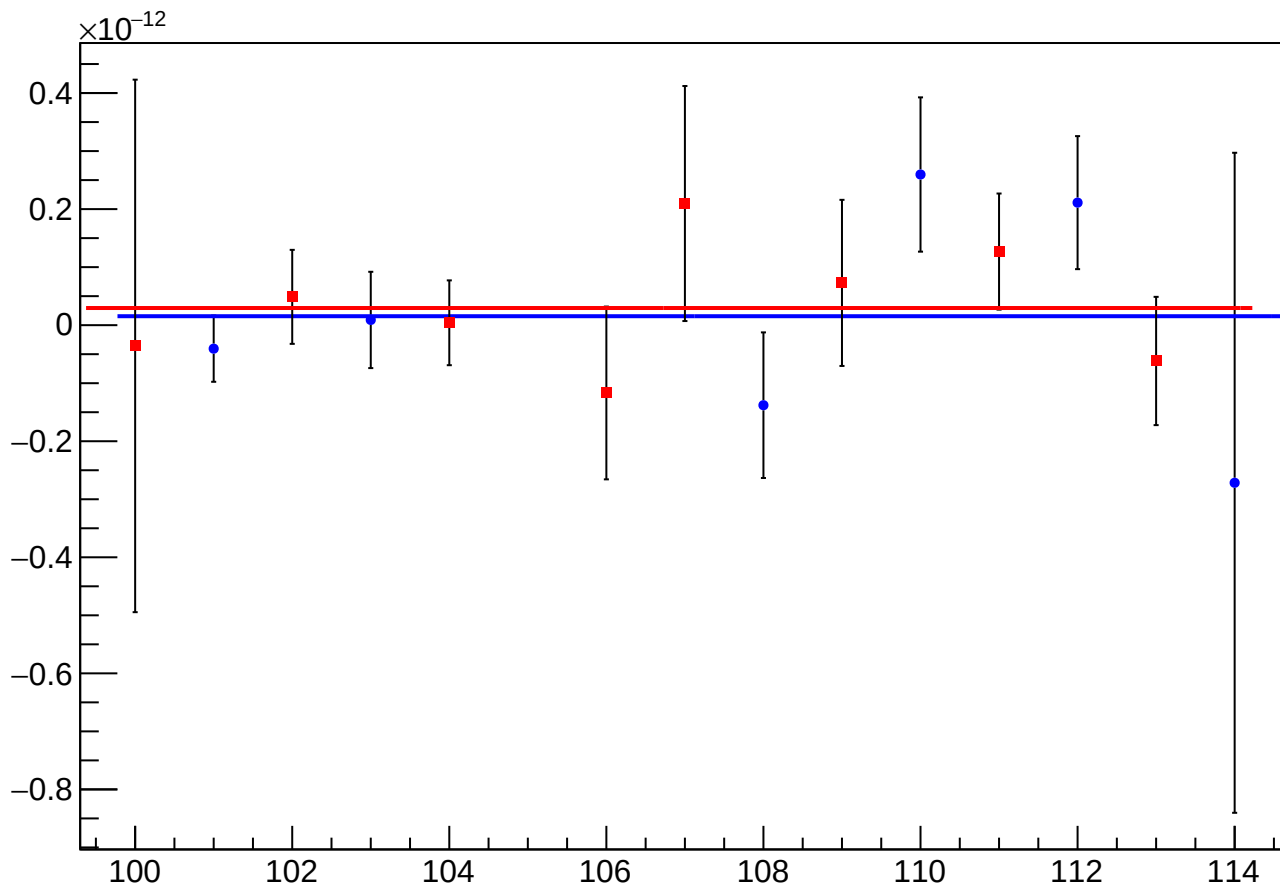
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1101.094 $\pm$ 0.321 χ^2 /NDF: 27363.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/7

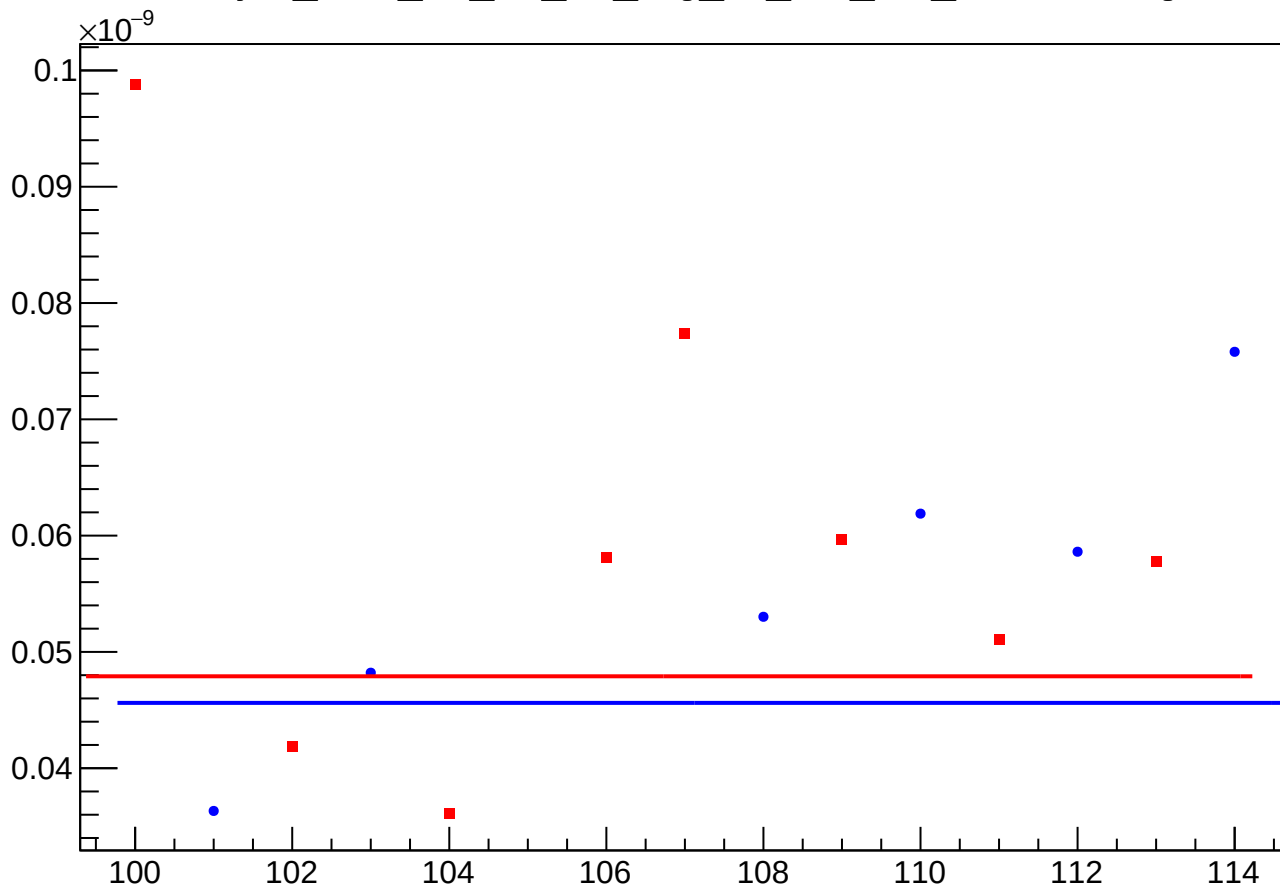
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 123214.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 171071.5/7

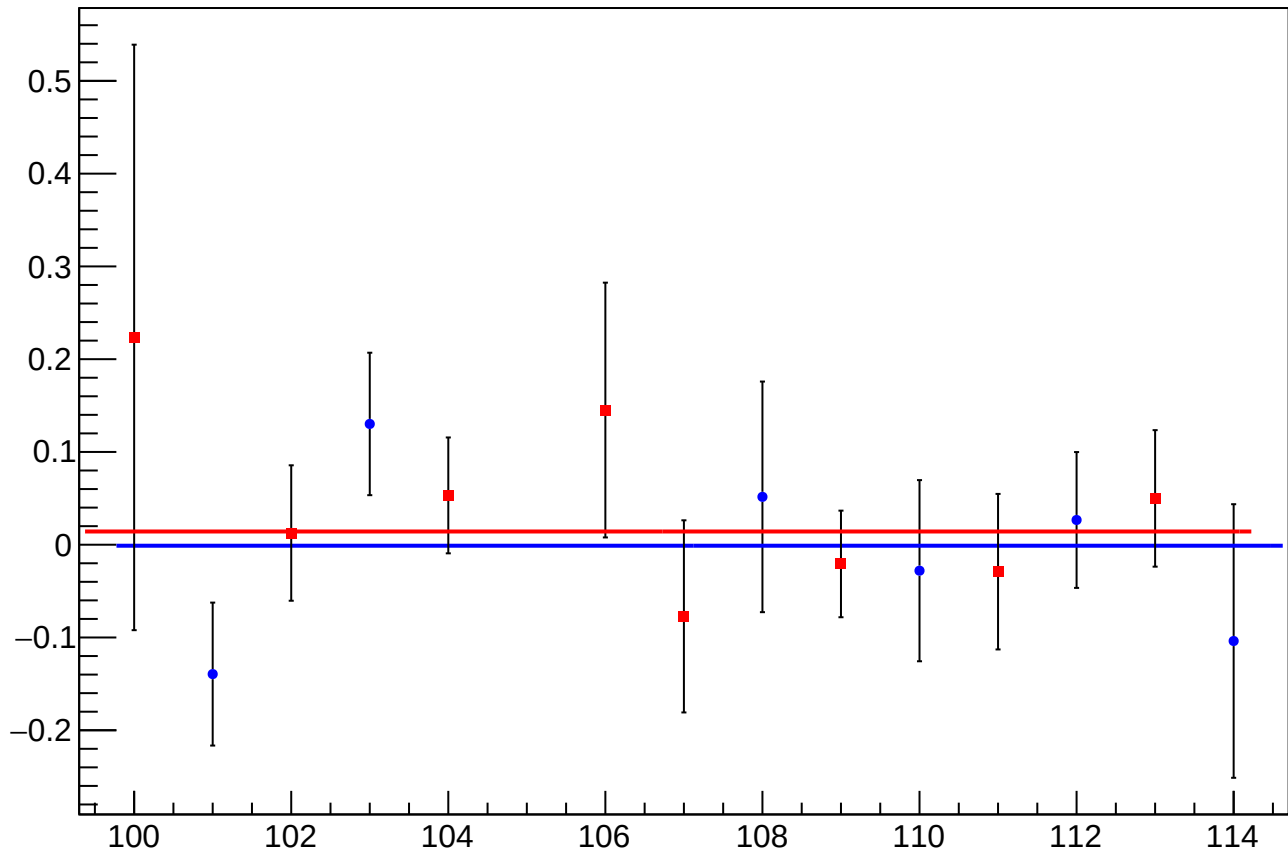
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 297672.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 ± 0.037 χ^2/NDF : 7.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.029 χ^2/NDF : 3.4/7

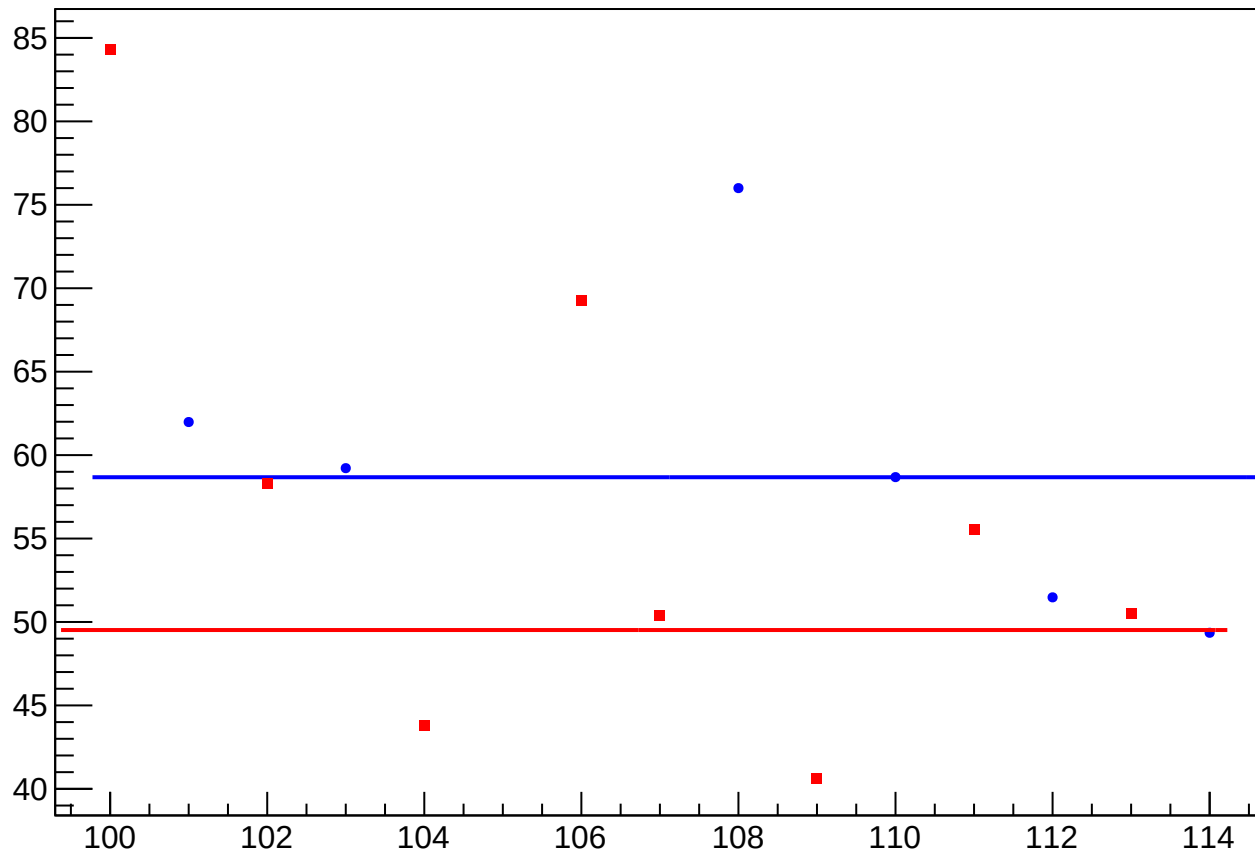
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.023 χ^2/NDF : 10.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 58.675 $\pm$ 0.026 χ^2 /NDF: 69968.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.517 $\pm$ 0.020 χ^2 /NDF: 170059.2/7

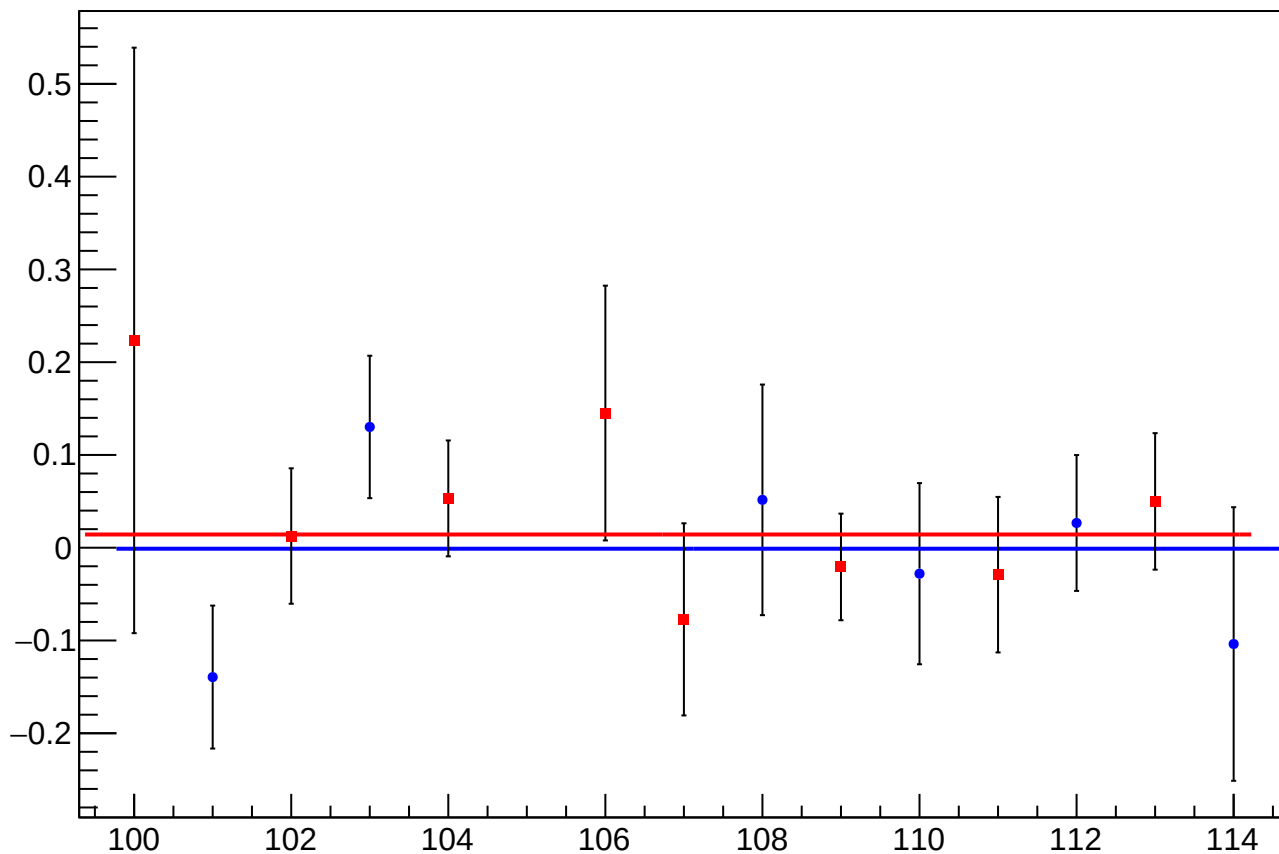
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.957 $\pm$ 0.016 χ^2 /NDF: 317535.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.037 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.029 χ^2 /NDF: 3.4/7

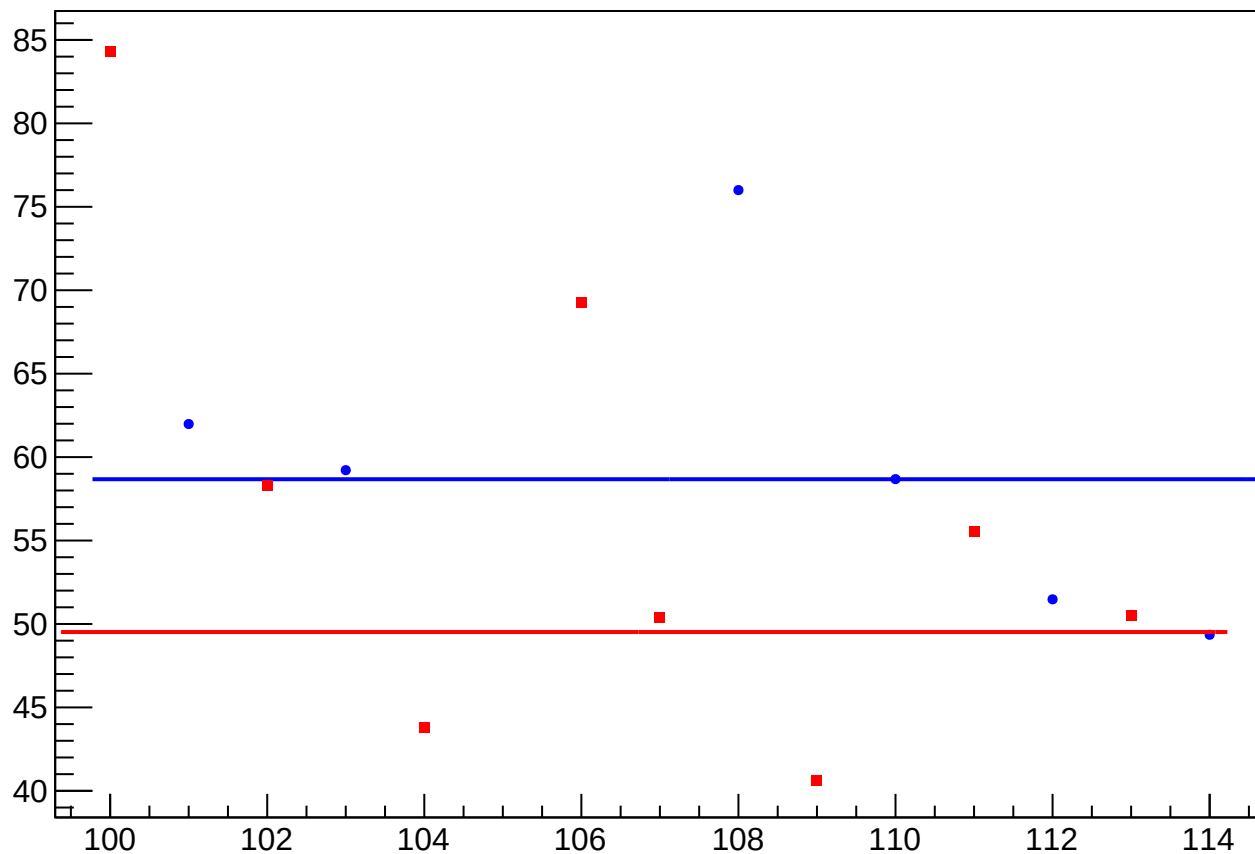
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.023 χ^2 /NDF: 10.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.675 $\pm$ 0.026 χ^2 /NDF: 69968.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.517 $\pm$ 0.020 χ^2 /NDF: 170059.2/7

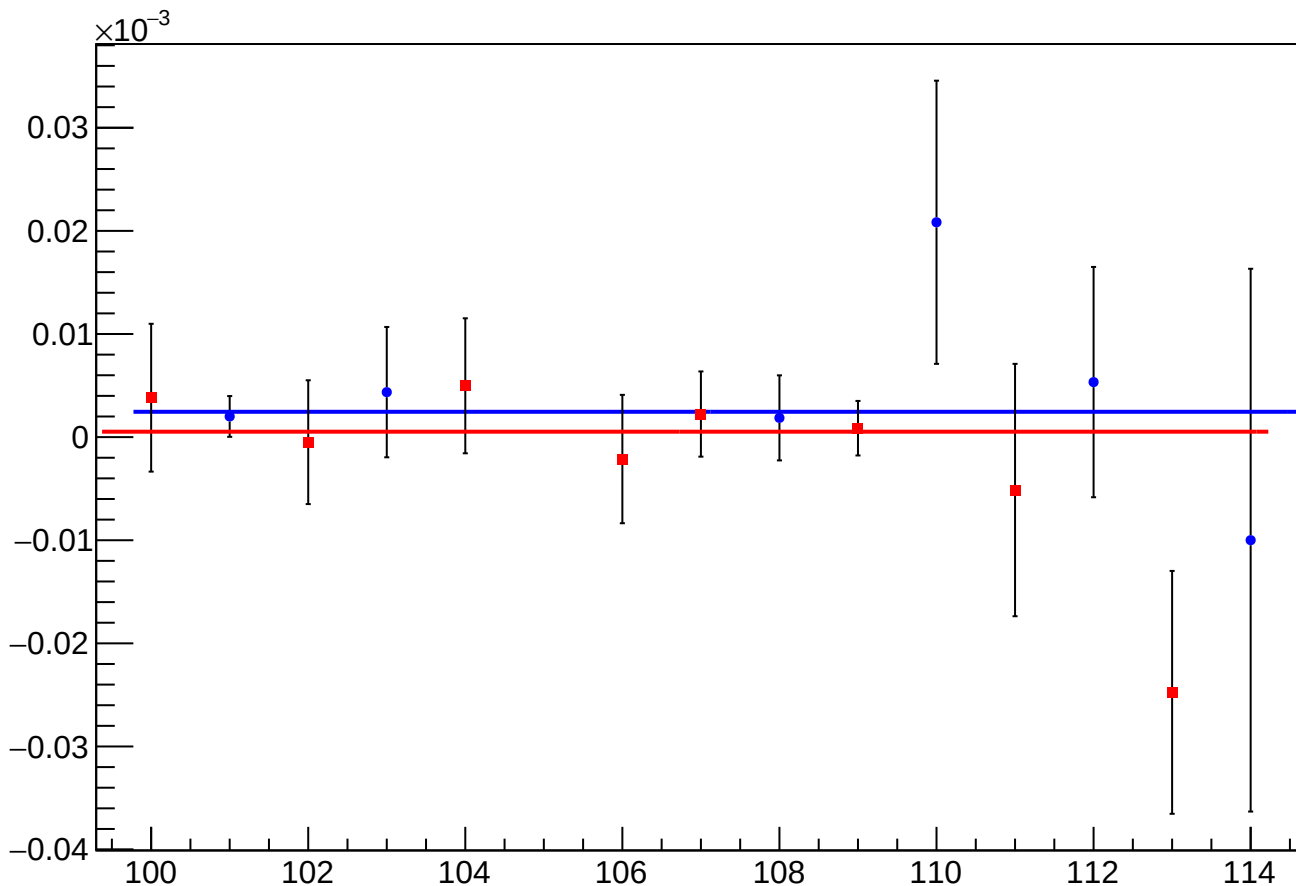
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.957 $\pm$ 0.016 χ^2 /NDF: 317535.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/7

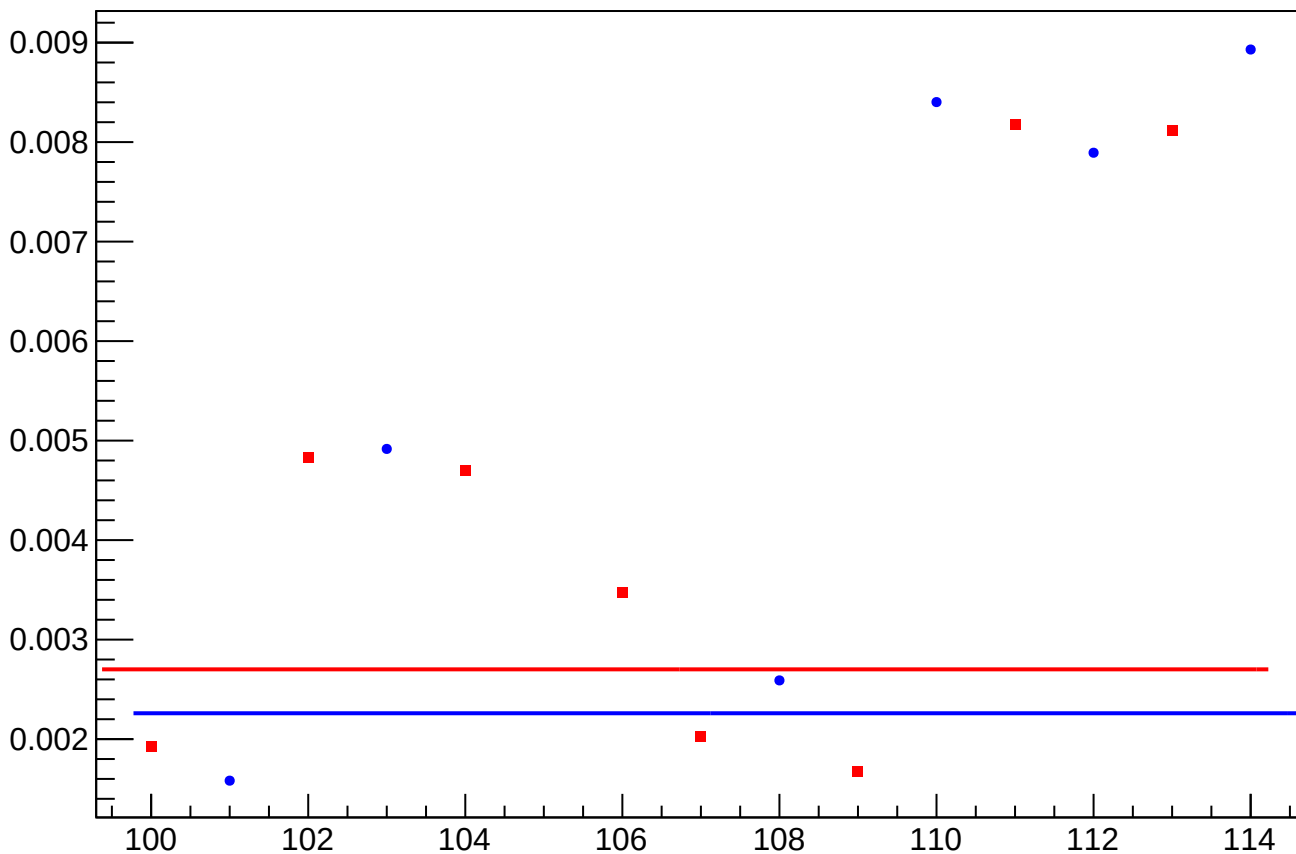
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1638531.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1670857.5/7

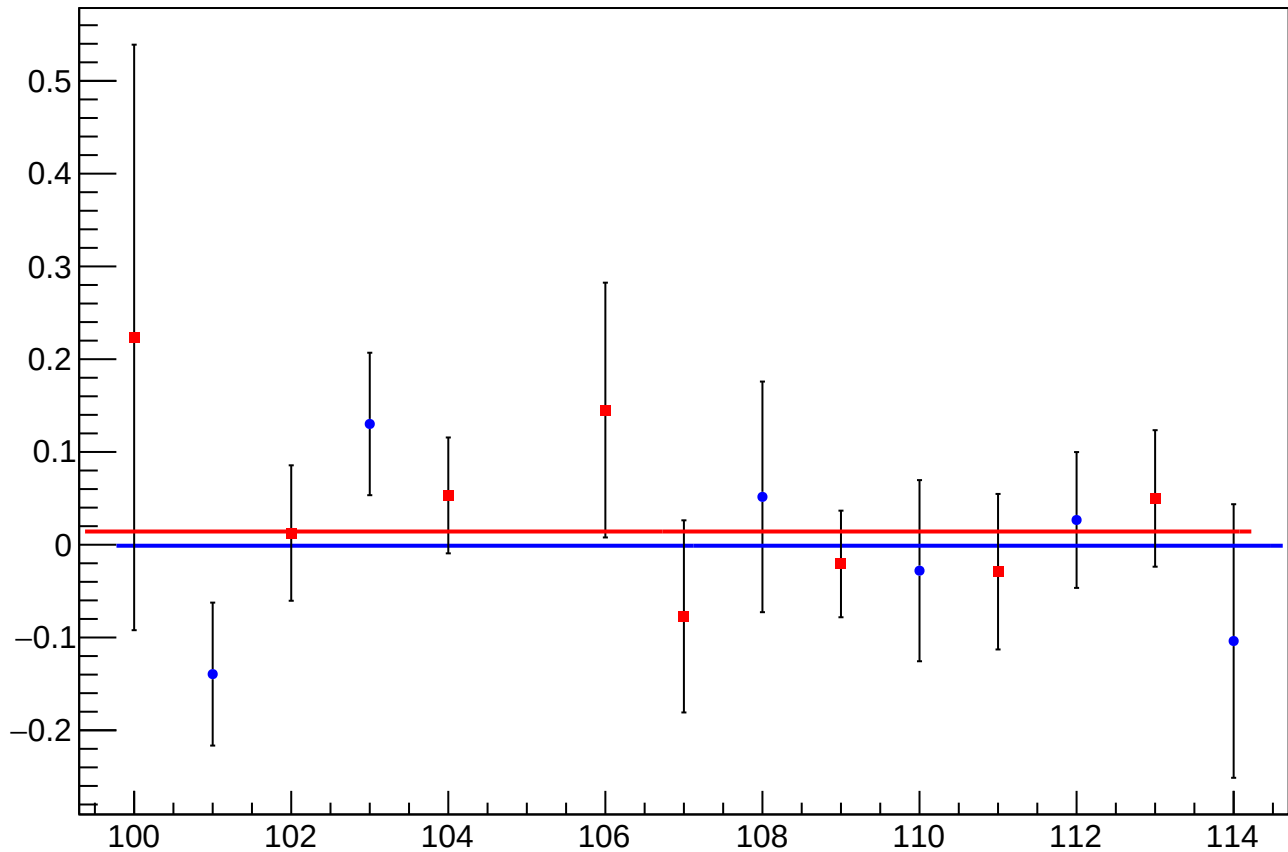
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3373979.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.037 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.029 χ^2 /NDF: 3.4/7

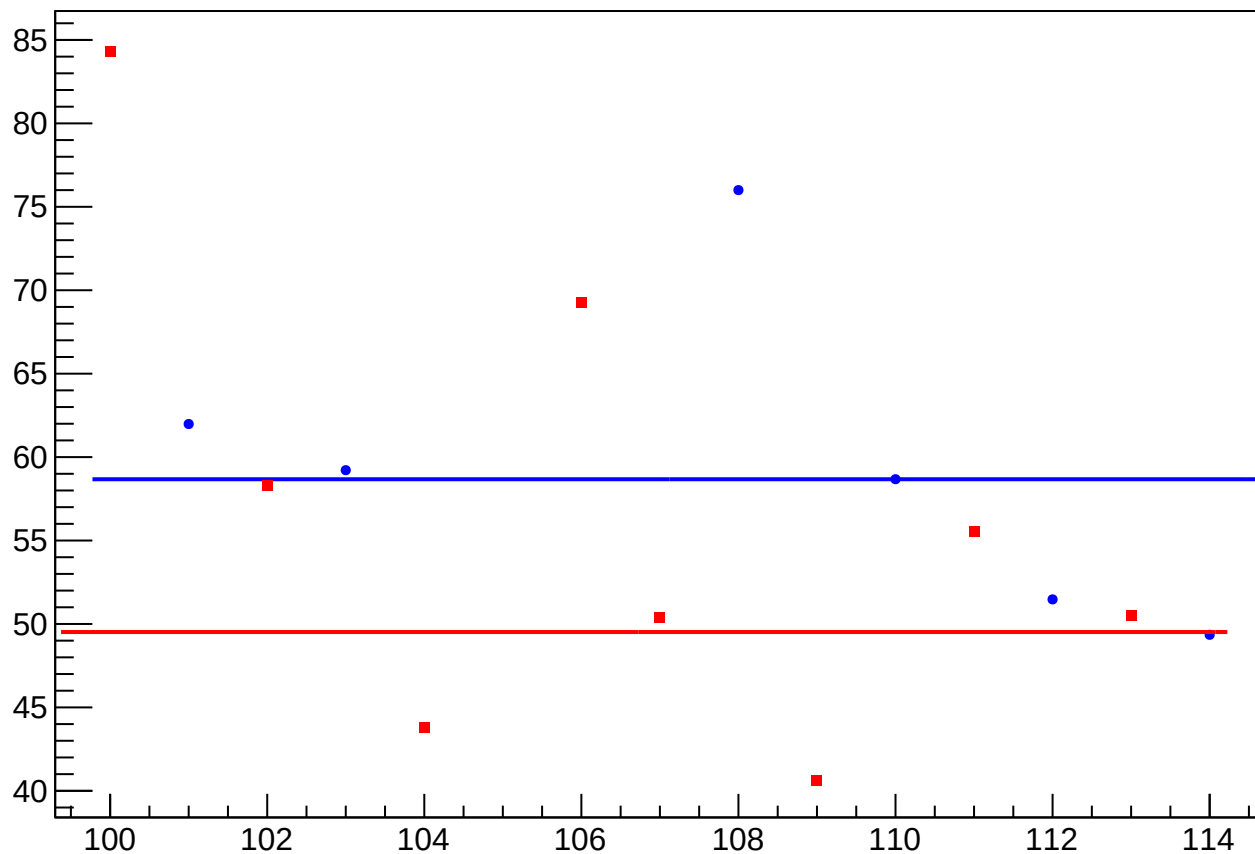
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.023 χ^2 /NDF: 10.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.672 $\pm$ 0.026 χ^2 /NDF: 69992.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.516 $\pm$ 0.020 χ^2 /NDF: 170049.6/7

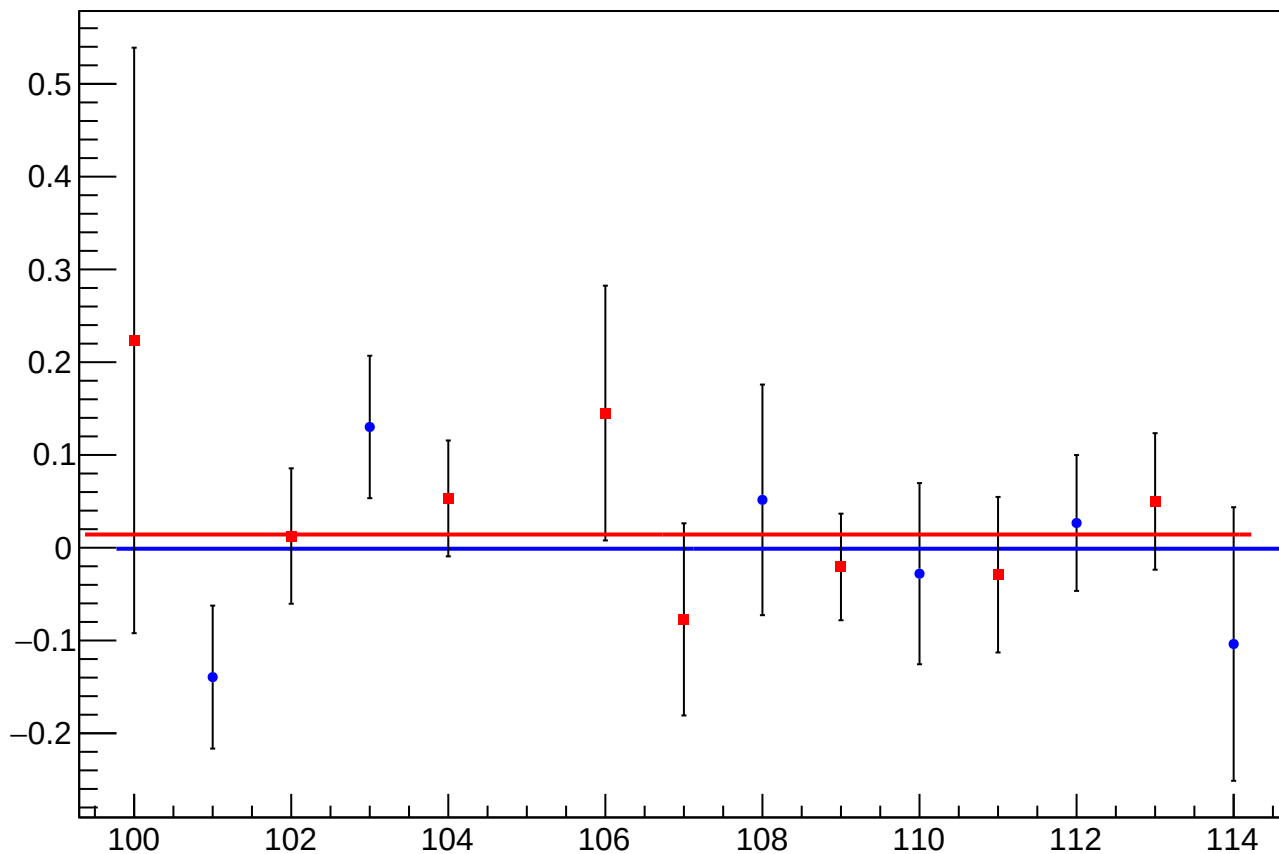
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.956 $\pm$ 0.016 χ^2 /NDF: 317538.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.037 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.029 χ^2 /NDF: 3.4/7

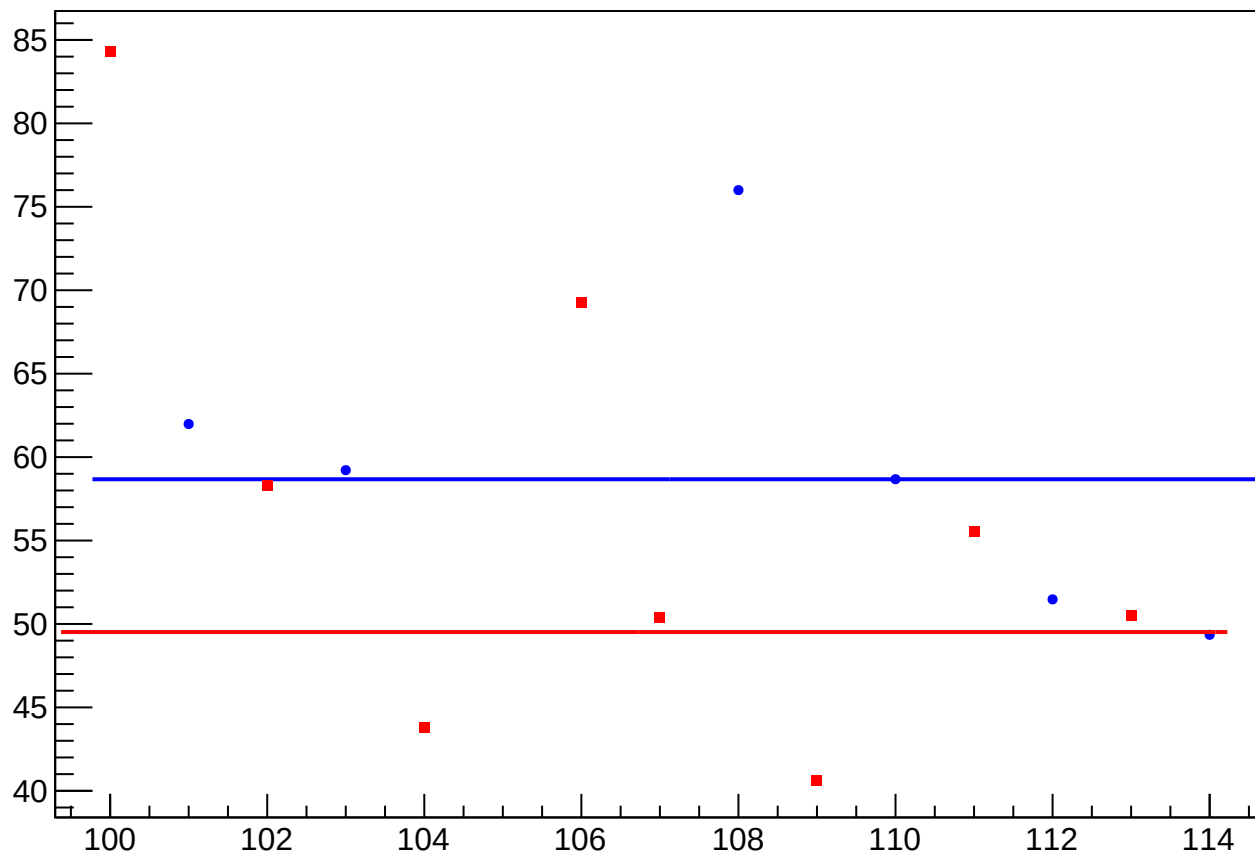
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.023 χ^2 /NDF: 10.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.672 $\pm$ 0.026 χ^2 /NDF: 69992.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.516 $\pm$ 0.020 χ^2 /NDF: 170049.6/7

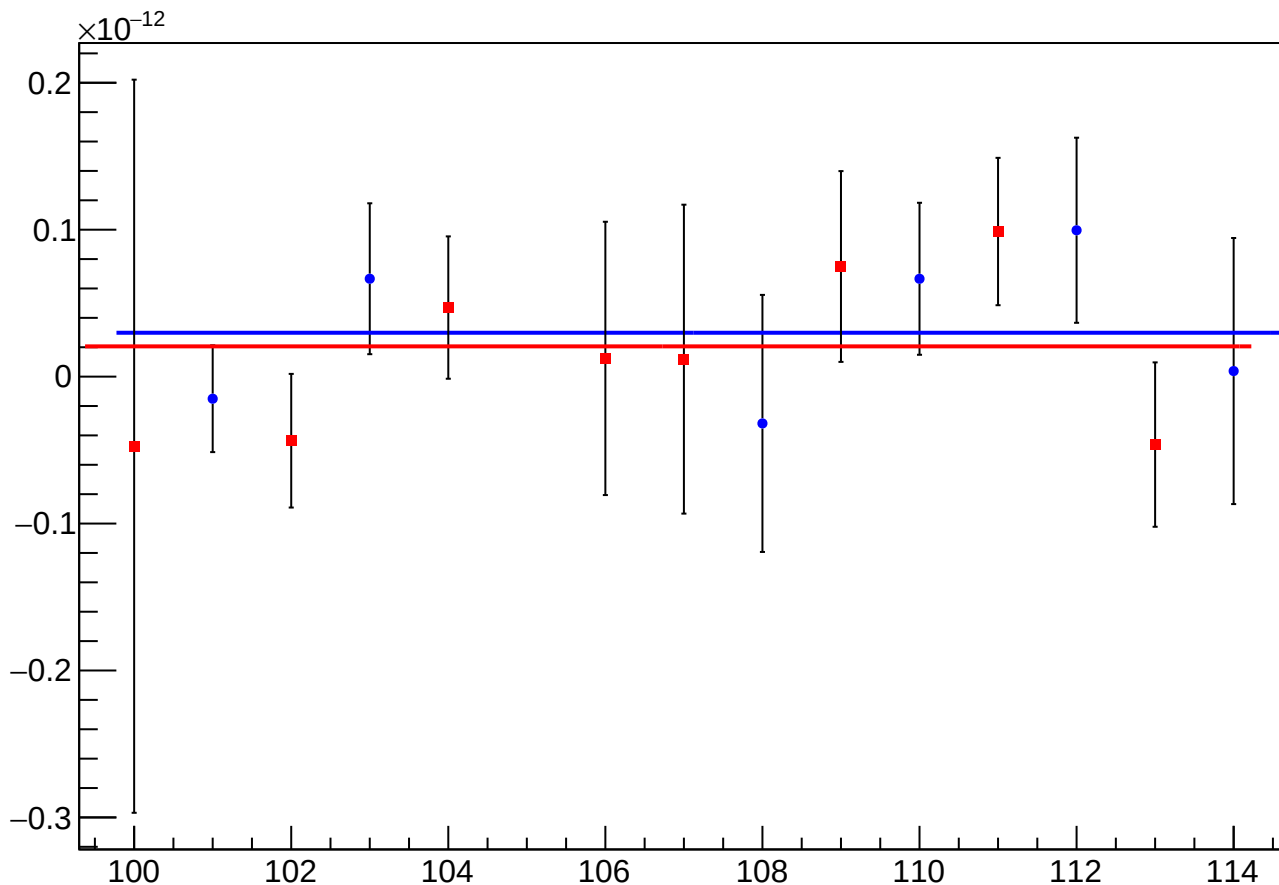
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.956 $\pm$ 0.016 χ^2 /NDF: 317538.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/7

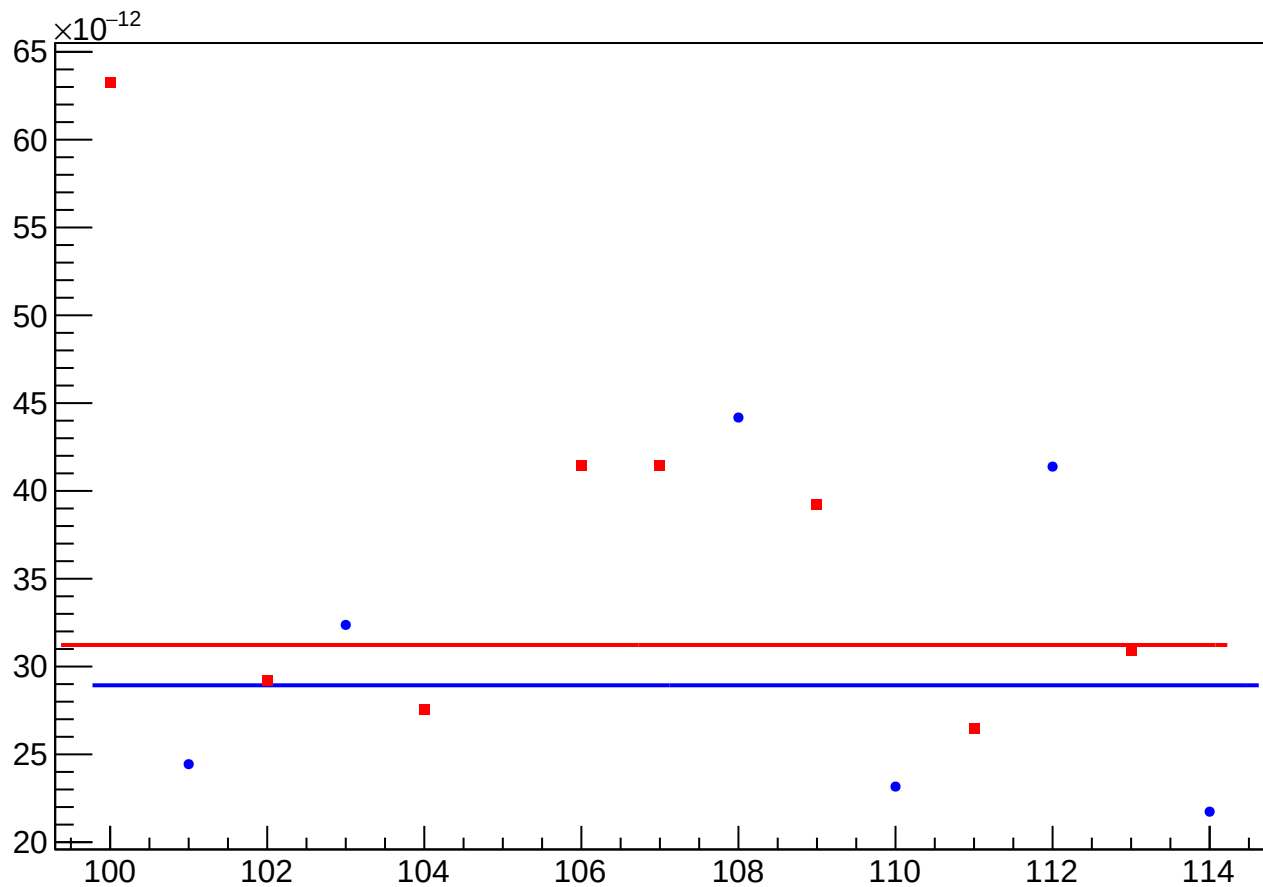
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 215948.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 139227.6/7

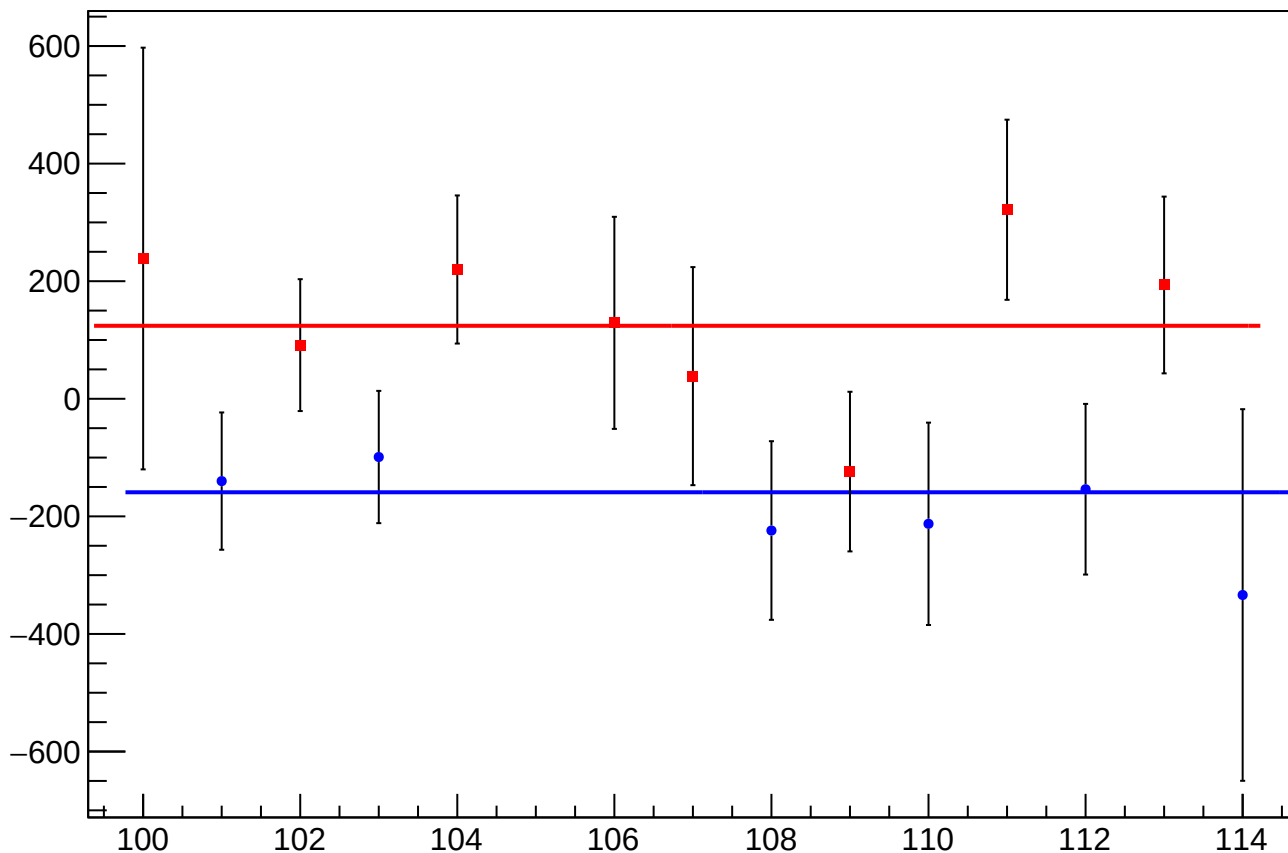
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 365973.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -159.019+/-59.036 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.153+/-53.356 χ^2/NDF : 6.2/7

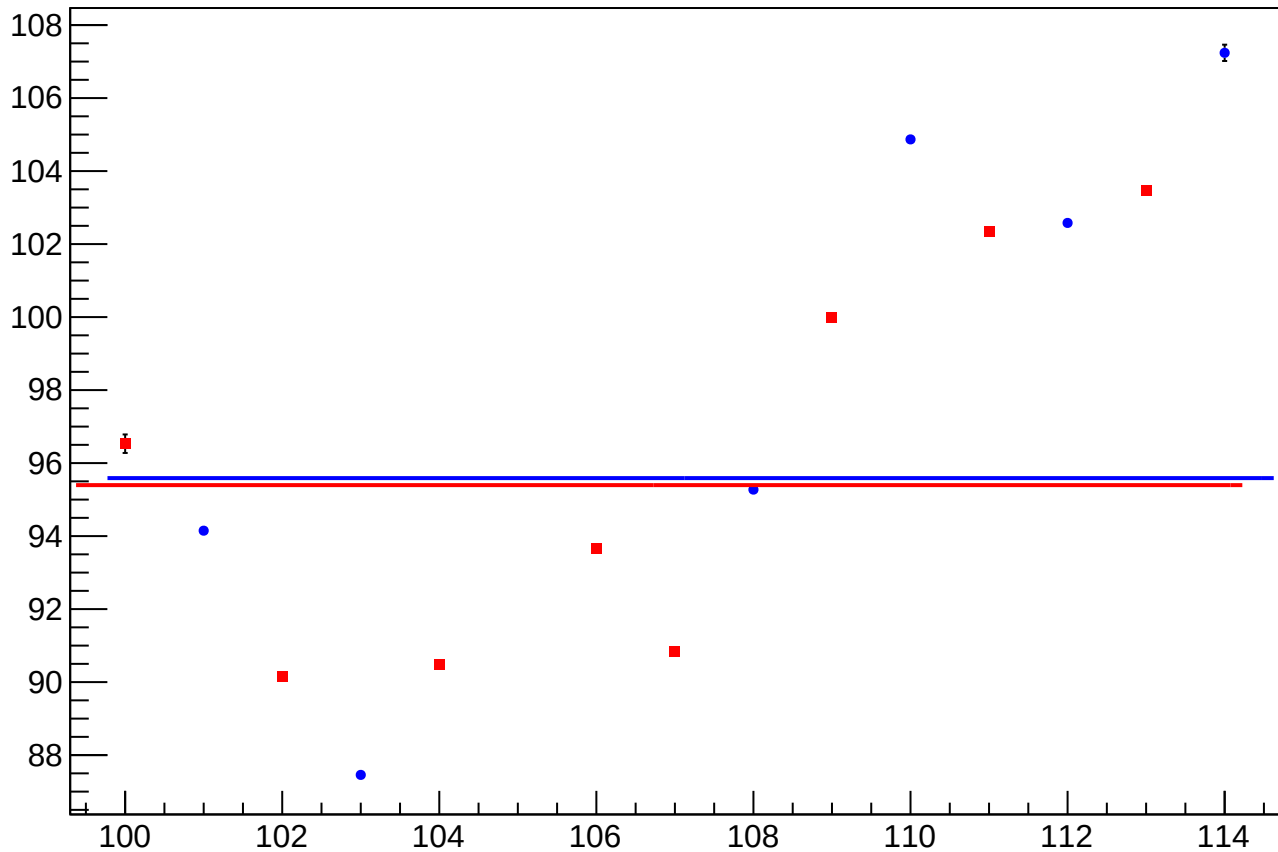
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.159+/-39.585 χ^2/NDF : 19.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 95.589+/-0.042 χ^2/NDF : 23932.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.397+/-0.038 χ^2/NDF : 21012.6/7

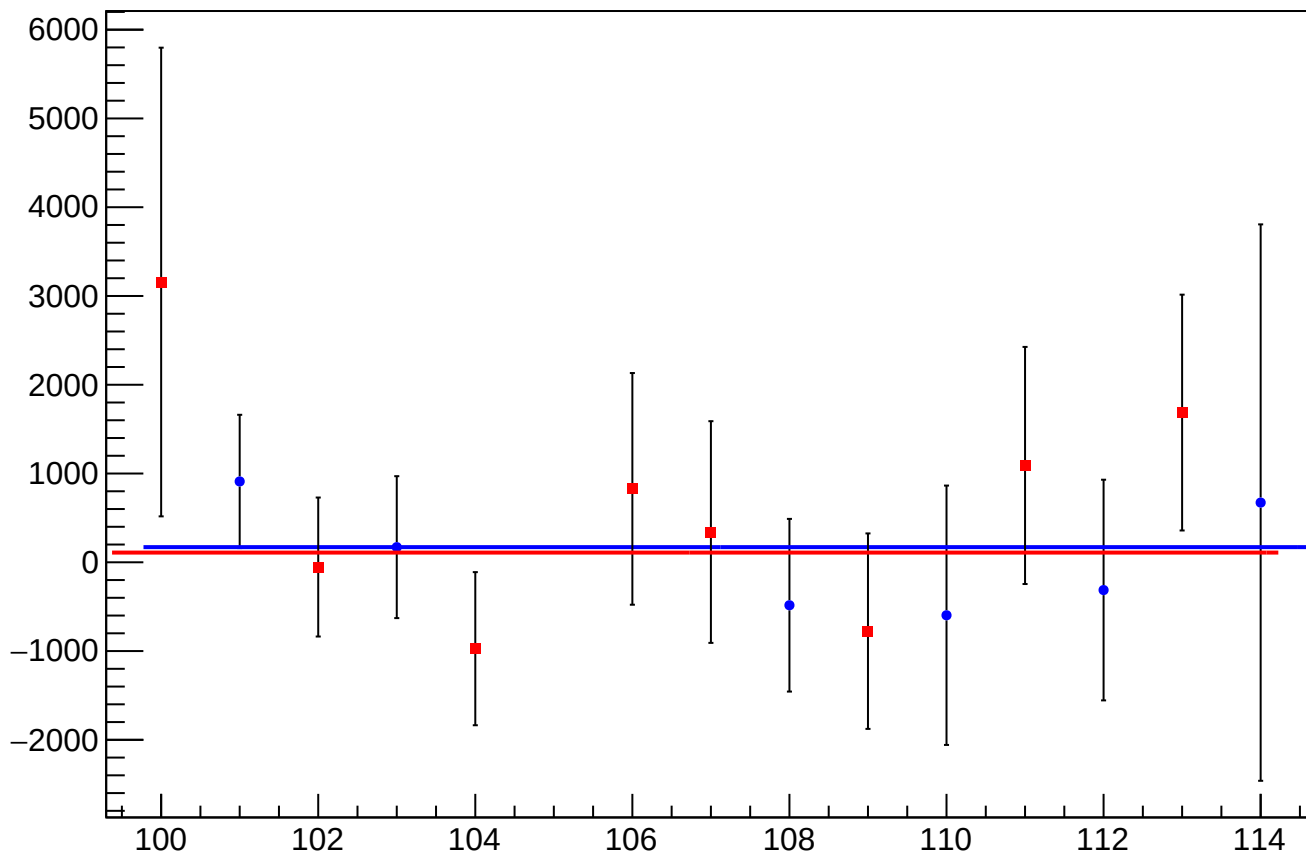
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.483+/-0.028 χ^2/NDF : 44956.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 170.717 $\pm$ 422.057 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 109.374 $\pm$ 398.409 χ^2 /NDF: 5.9/7

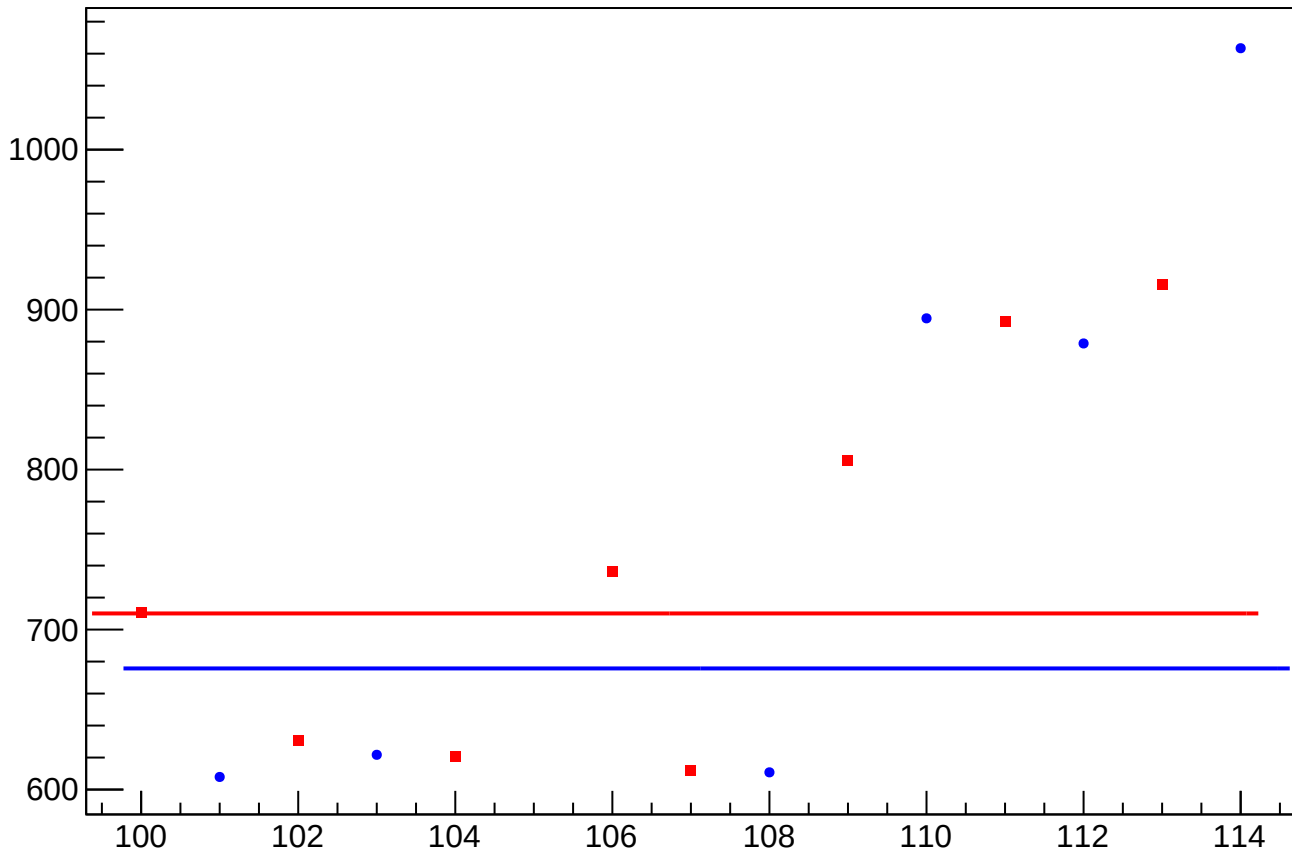
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 138.278 $\pm$ 289.717 χ^2 /NDF: 7.8/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 675.712 $\pm$ 0.298 χ^2 /NDF: 163270.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 710.084 $\pm$ 0.282 χ^2 /NDF: 155933.4/7

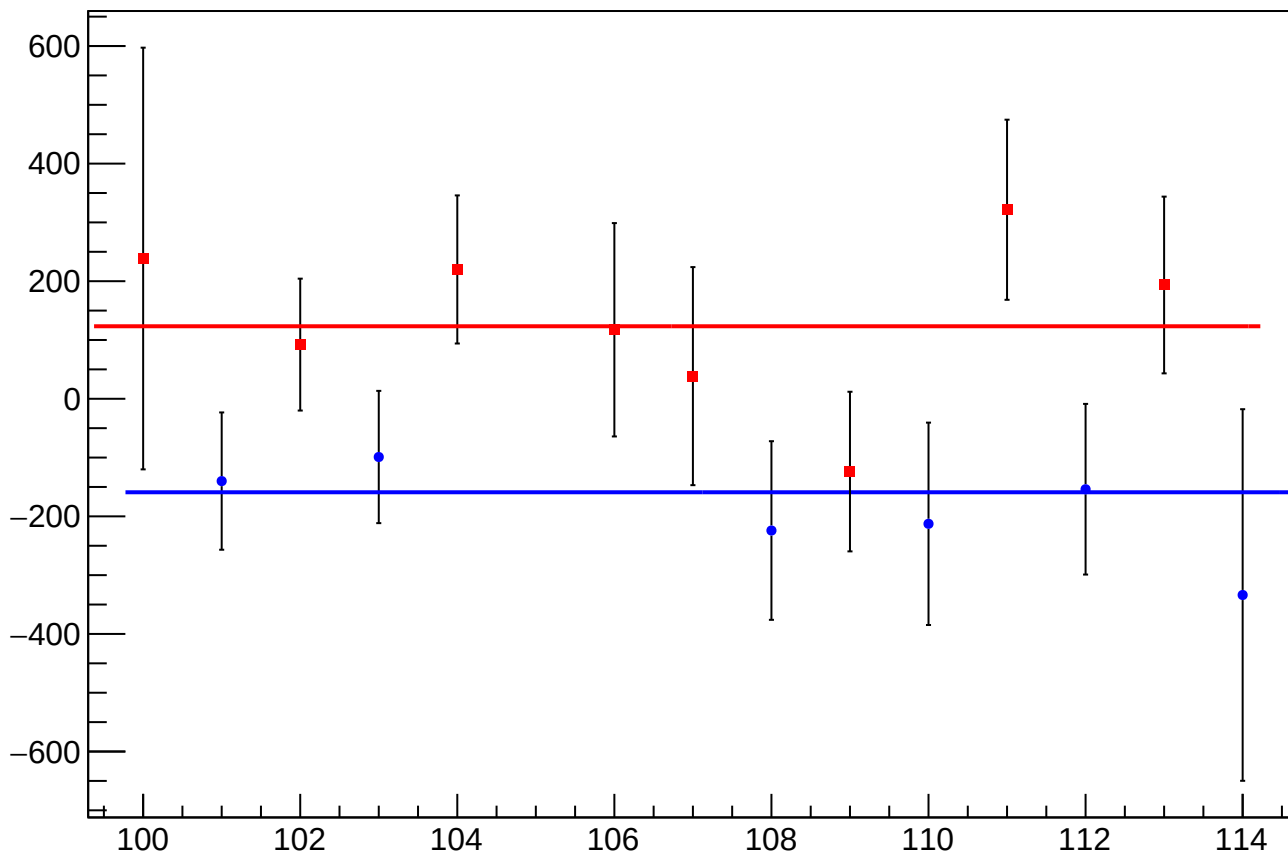
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 693.888 $\pm$ 0.205 χ^2 /NDF: 326217.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -159.025 $\pm$ 59.036 χ^2 /NDF: 0.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.344 $\pm$ 53.386 χ^2 /NDF: 6.2/7

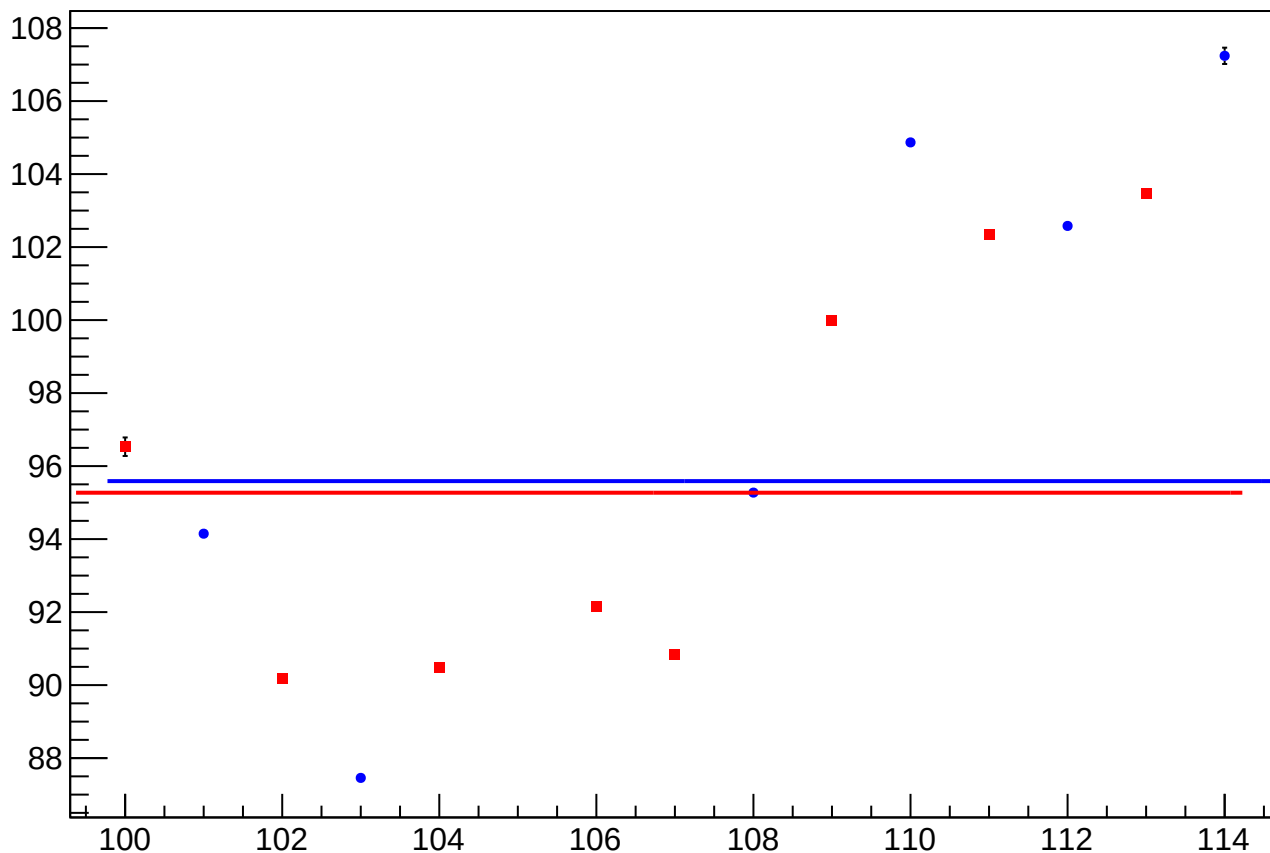
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.687 $\pm$ 39.597 χ^2 /NDF: 19.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 95.589 $\pm$ 0.042 χ^2 /NDF: 23932.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.271 $\pm$ 0.038 χ^2 /NDF: 21433.1/7

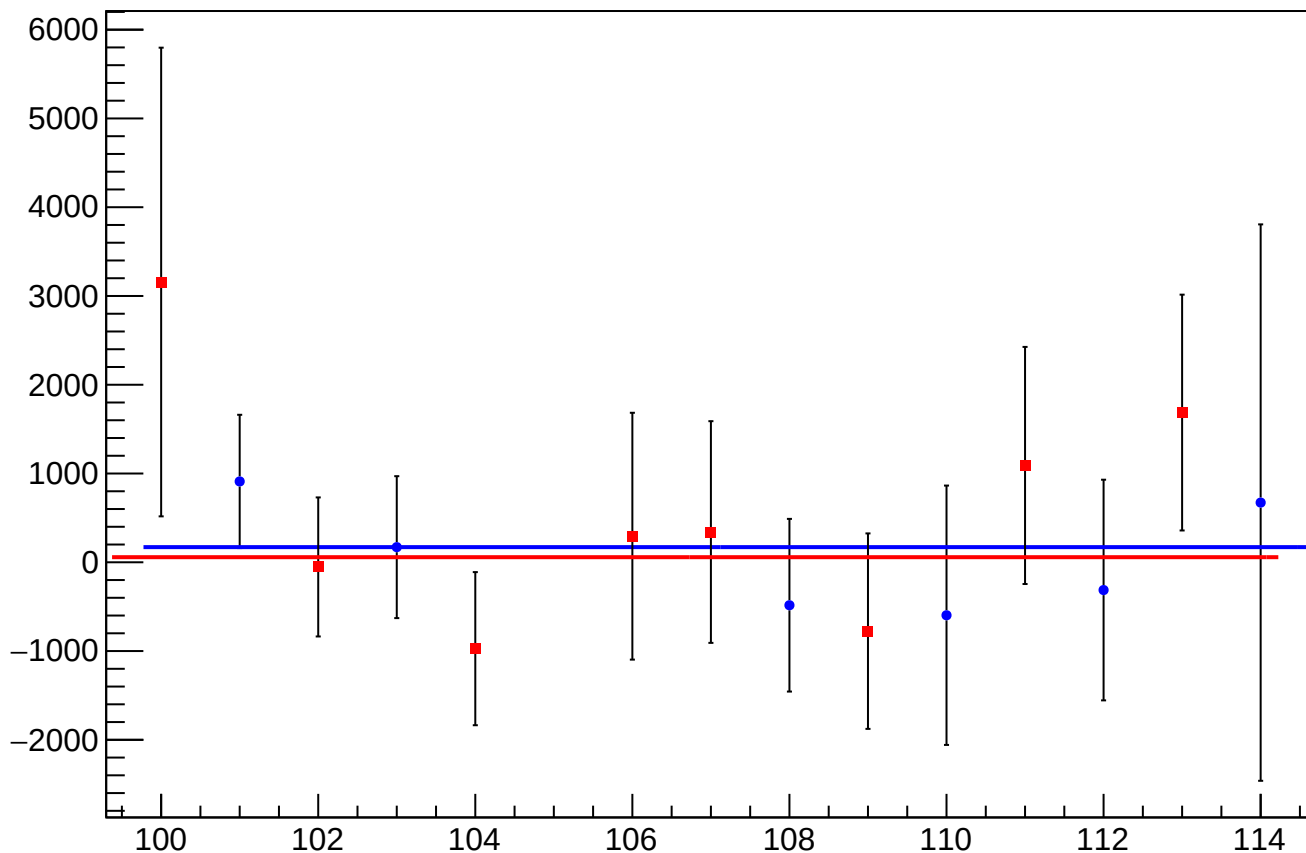
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.414 $\pm$ 0.028 χ^2 /NDF: 45397.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



Right In: 170.679+/-422.060 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.336+/-400.679 χ^2/NDF : 5.6/7

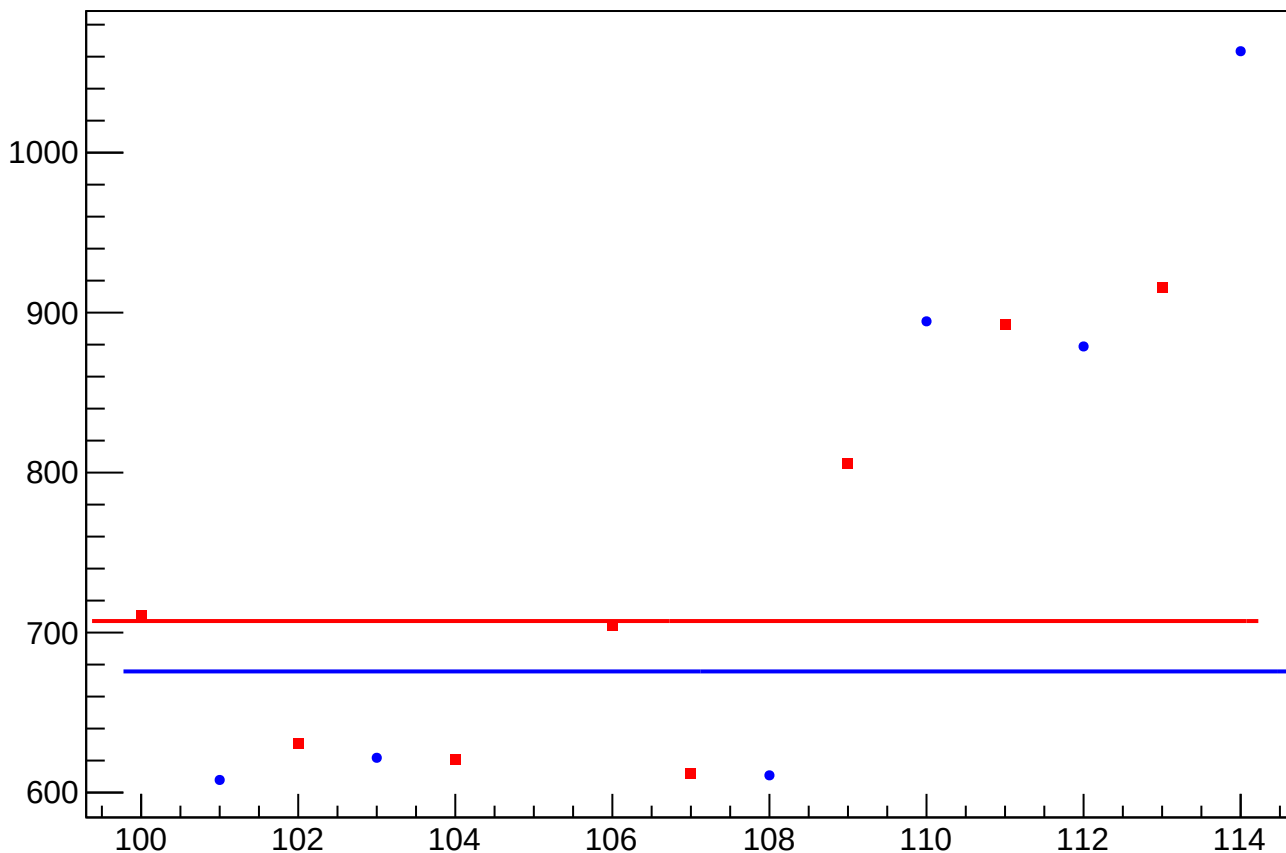
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.064+/-290.588 χ^2/NDF : 7.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 675.716 $\pm$ 0.298 χ^2 /NDF: 163265.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 707.213 $\pm$ 0.283 χ^2 /NDF: 154897.6/7

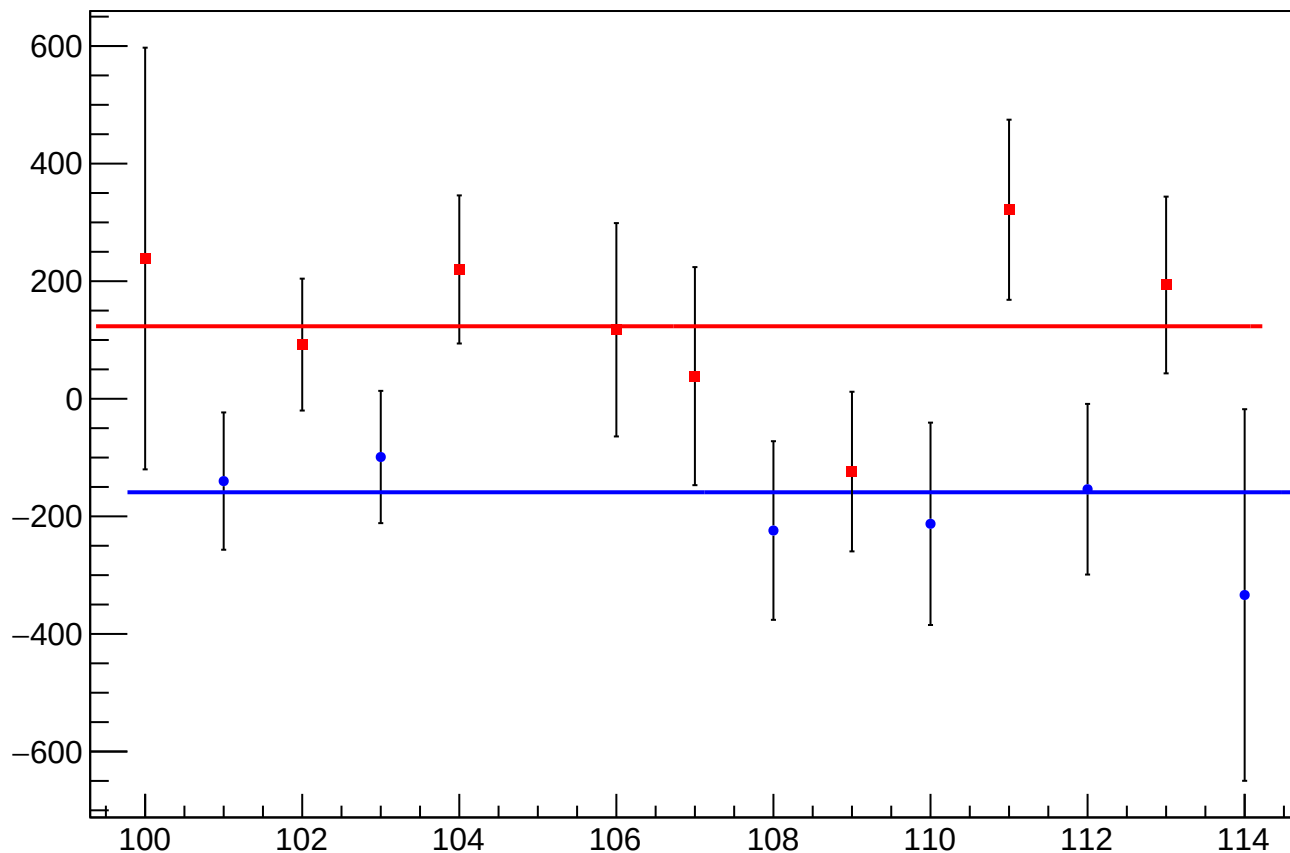
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 692.282 $\pm$ 0.205 χ^2 /NDF: 324021.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -159.025+/-59.036 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.344+/-53.386 χ^2/NDF : 6.2/7

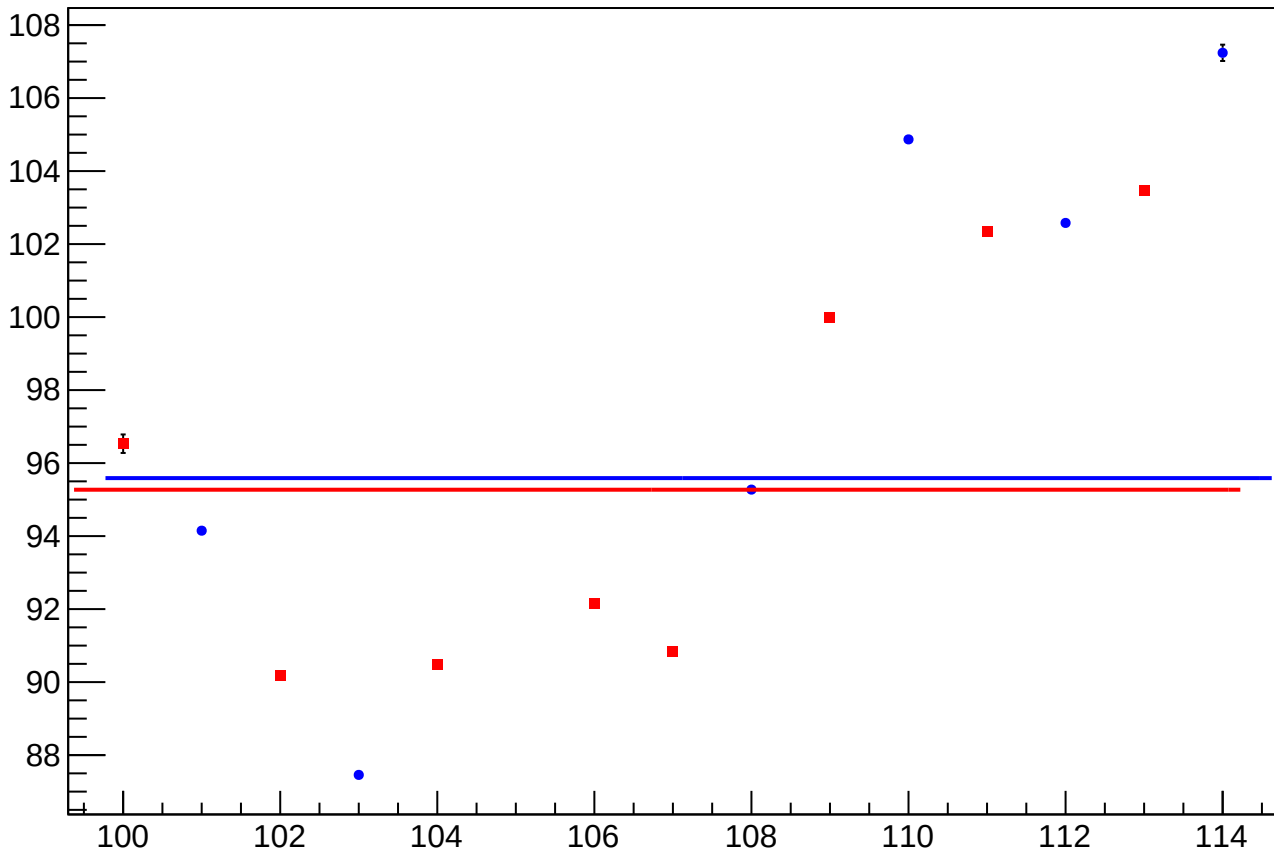
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.687+/-39.597 χ^2/NDF : 19.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 95.589+/-0.042 χ^2/NDF : 23932.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.271+/-0.038 χ^2/NDF : 21433.1/7

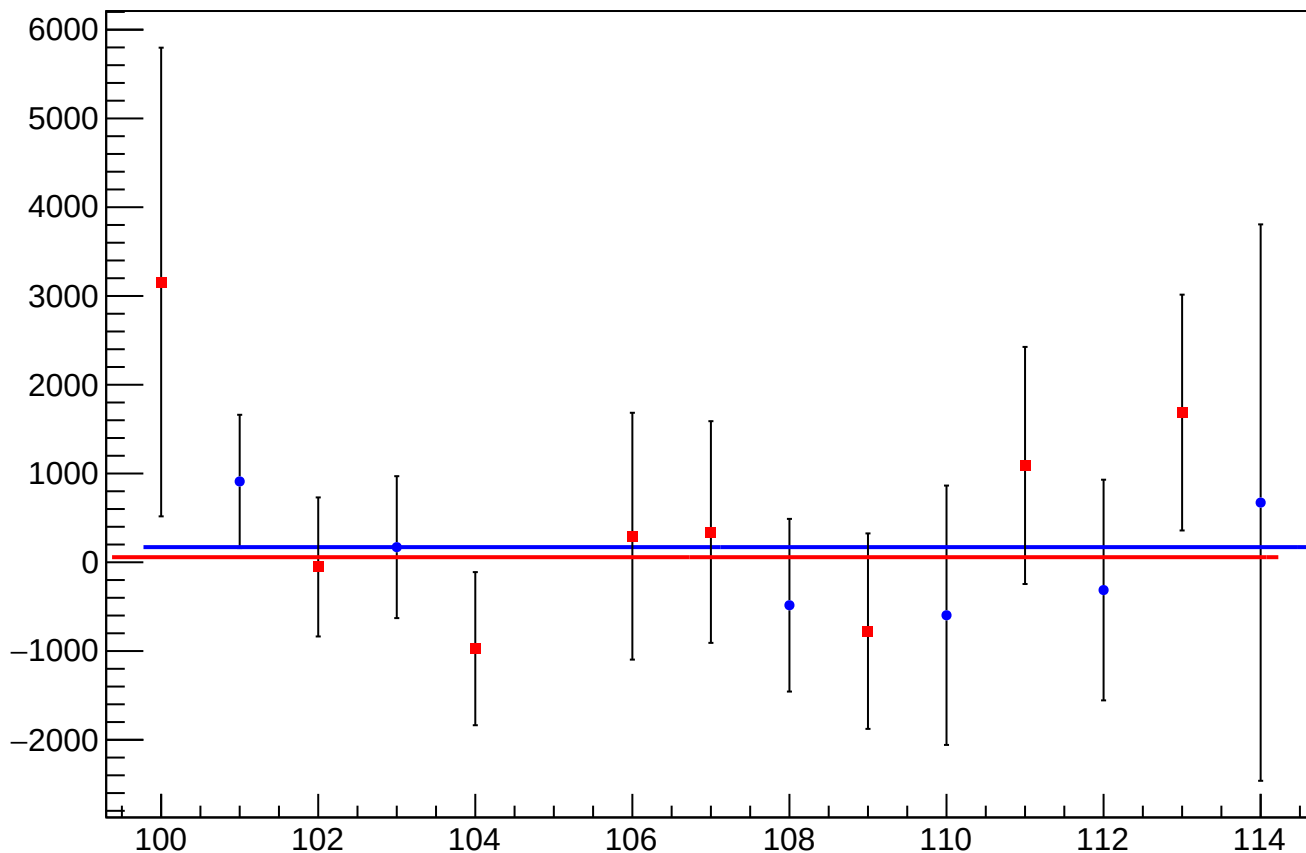
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.414+/-0.028 χ^2/NDF : 45397.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug



Right In: 170.679 $\pm$ 422.060 χ^2 /NDF: 1.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: 57.336 $\pm$ -400.679 χ^2 /NDF: 5.6/7

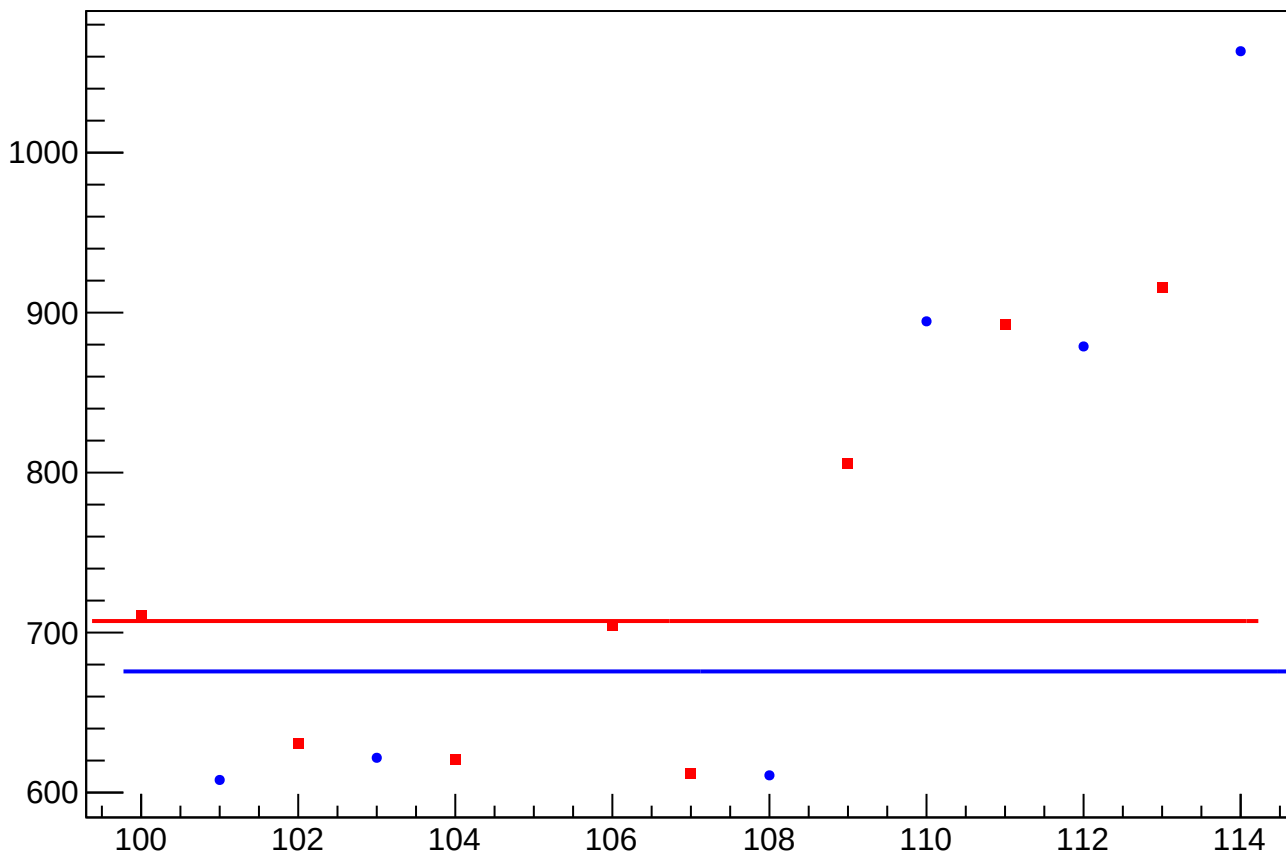
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 111.064 $\pm$ -290.588 χ^2 /NDF: 7.5/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



Right In: 675.716 $\pm$ 0.298 χ^2 /NDF: 163265.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 707.213 $\pm$ 0.283 χ^2 /NDF: 154897.6/7

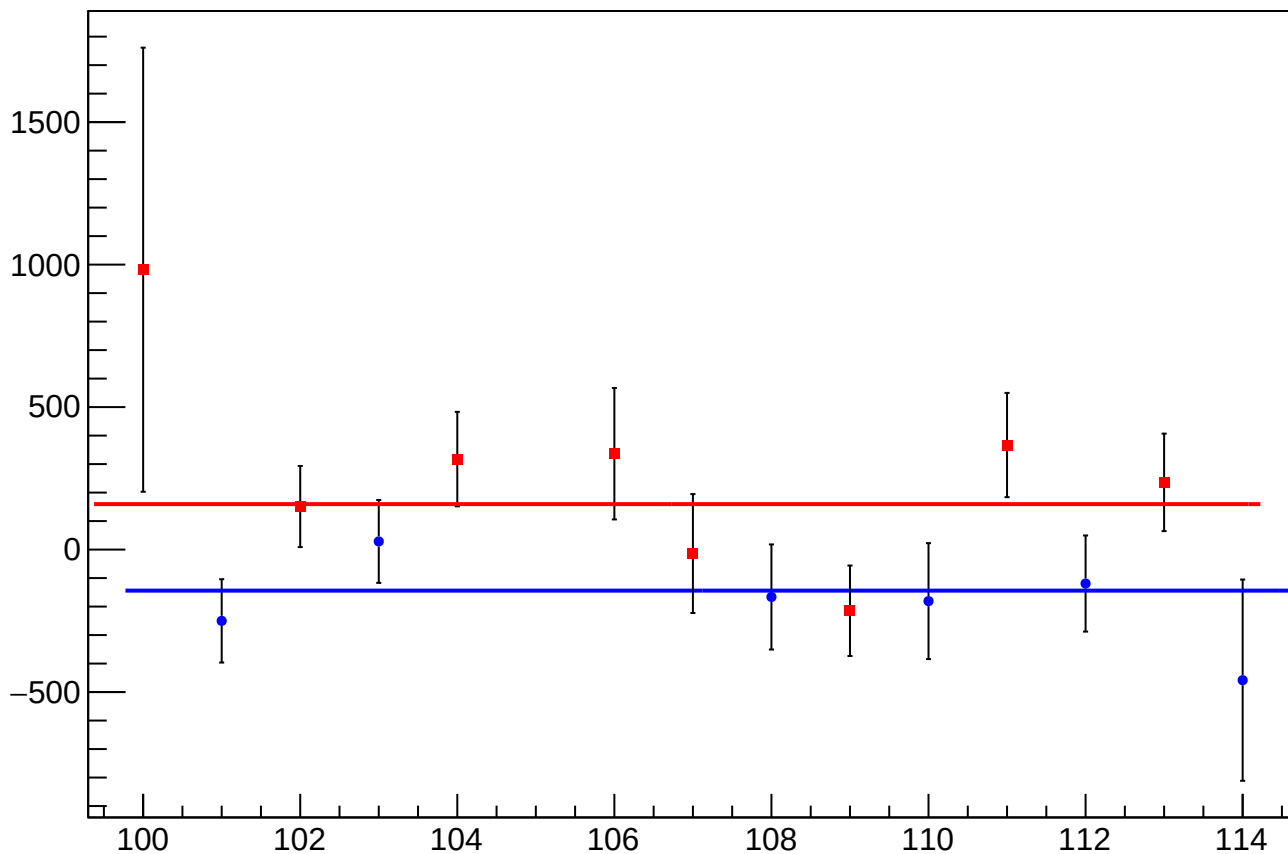
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 692.282 $\pm$ 0.205 χ^2 /NDF: 324021.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -144.018 ± 72.402 χ^2/NDF : 2.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 159.468 ± 65.529 χ^2/NDF : 10.3/7

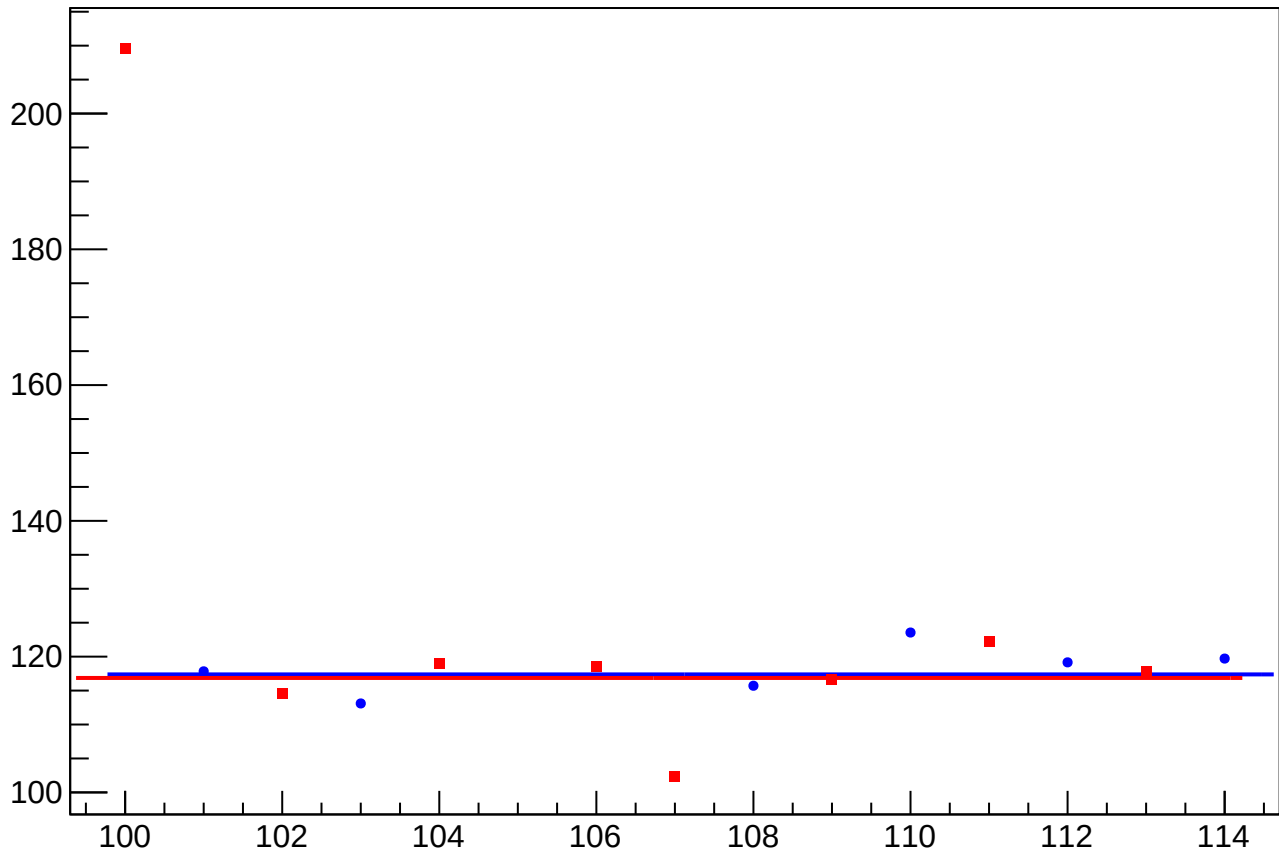
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 22.810 ± 48.585 χ^2/NDF : 22.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 117.382 $\pm$ 0.051 χ^2 /NDF: 4061.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.860 $\pm$ 0.046 χ^2 /NDF: 40805.5/7

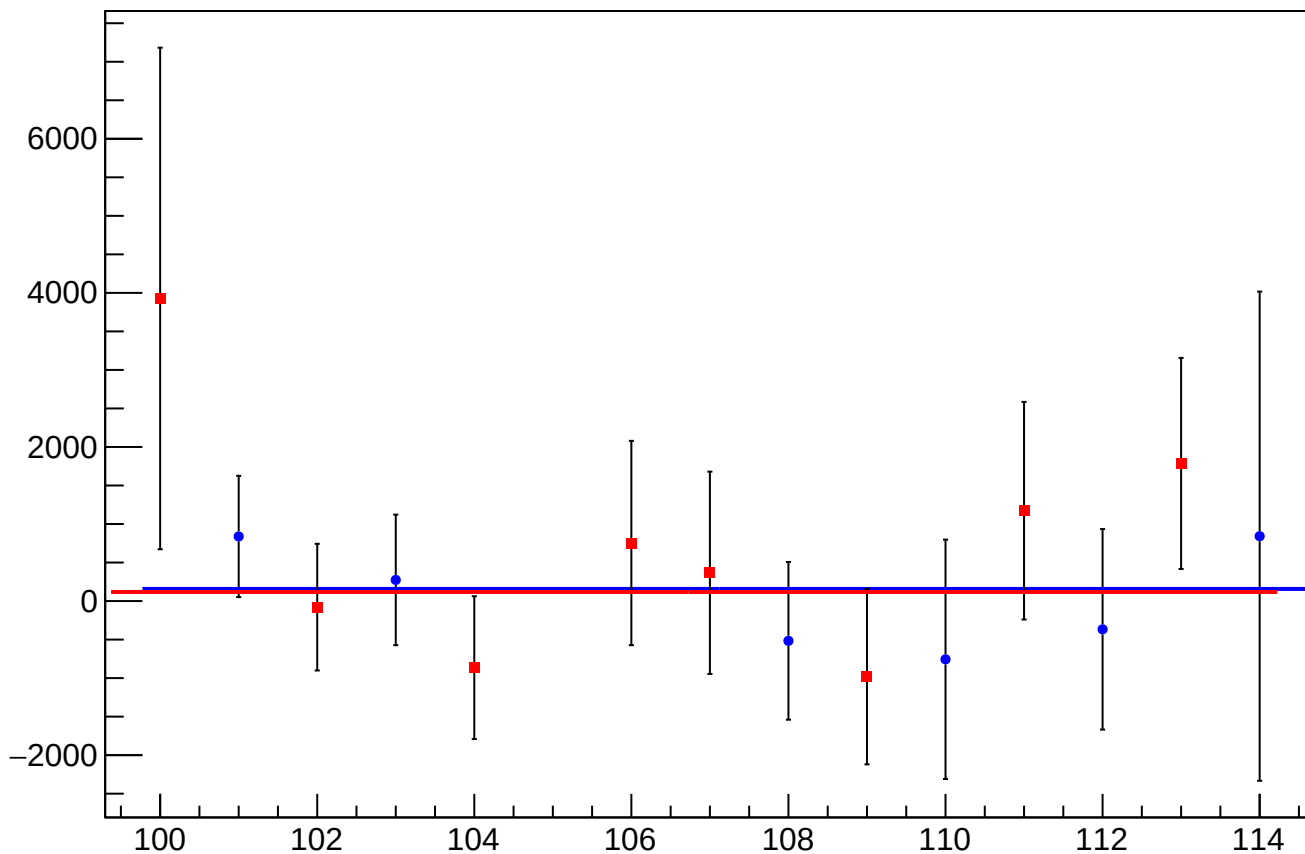
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.095 $\pm$ 0.034 χ^2 /NDF: 44924.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: 157.207 $\pm$ 444.296 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.217 $\pm$ 419.142 χ^2 /NDF: 5.8/7

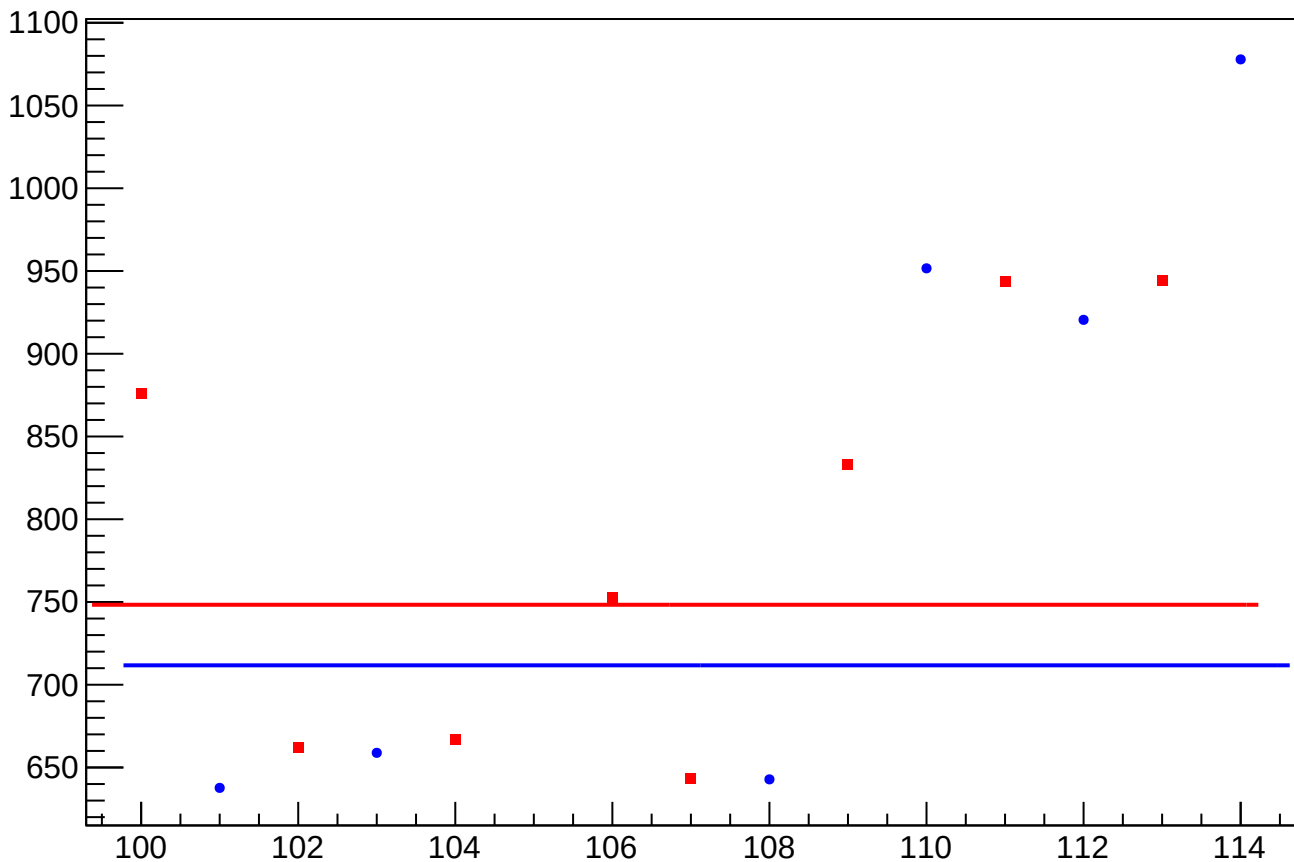
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.577 $\pm$ 304.883 χ^2 /NDF: 7.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 711.730+/-0.314 χ^2/NDF : 160309.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 748.319+/-0.296 χ^2/NDF : 143539.4/7

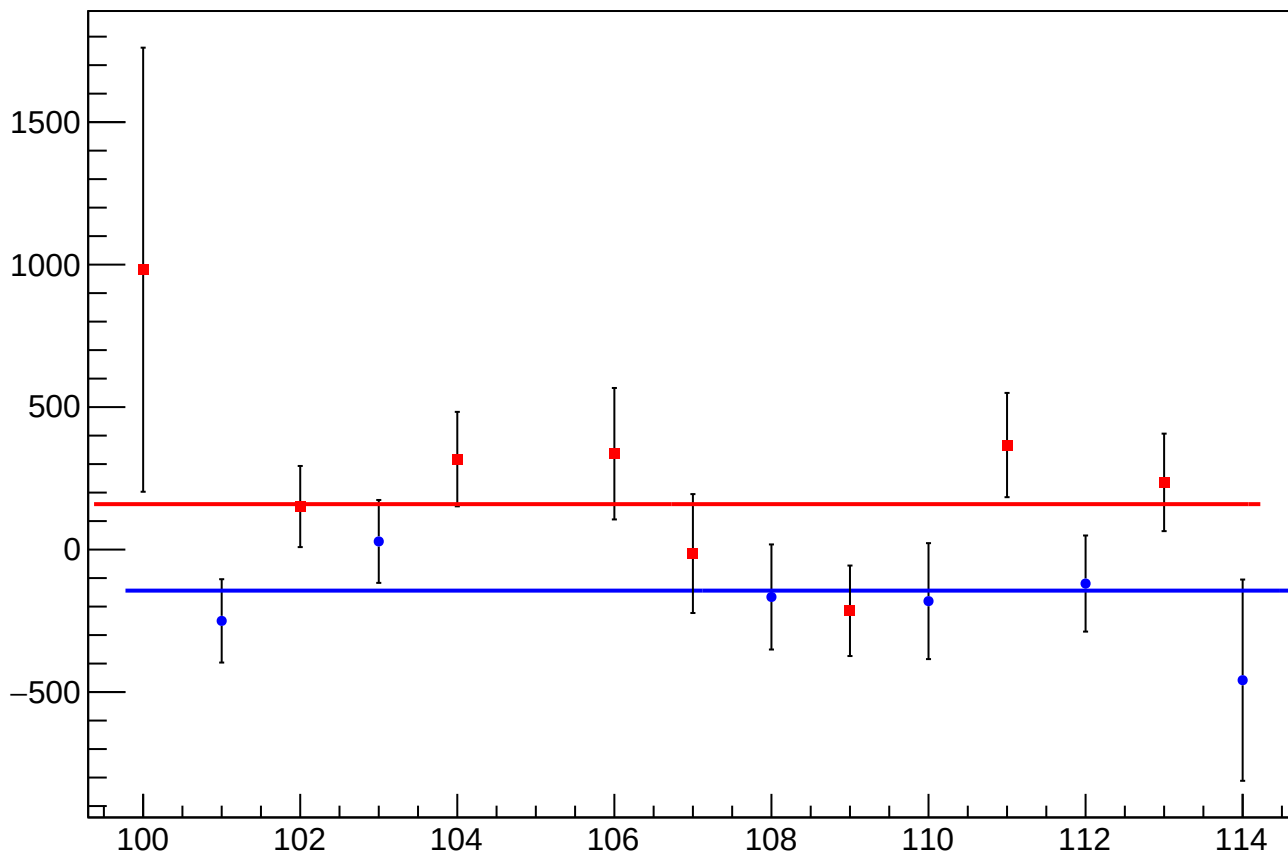
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.089+/-0.216 χ^2/NDF : 311025.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_26_dd_mean vs Slug



Right In: -144.012 $\pm$ 72.401 χ^2 /NDF: 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 159.467 $\pm$ 65.528 χ^2 /NDF: 10.3/7

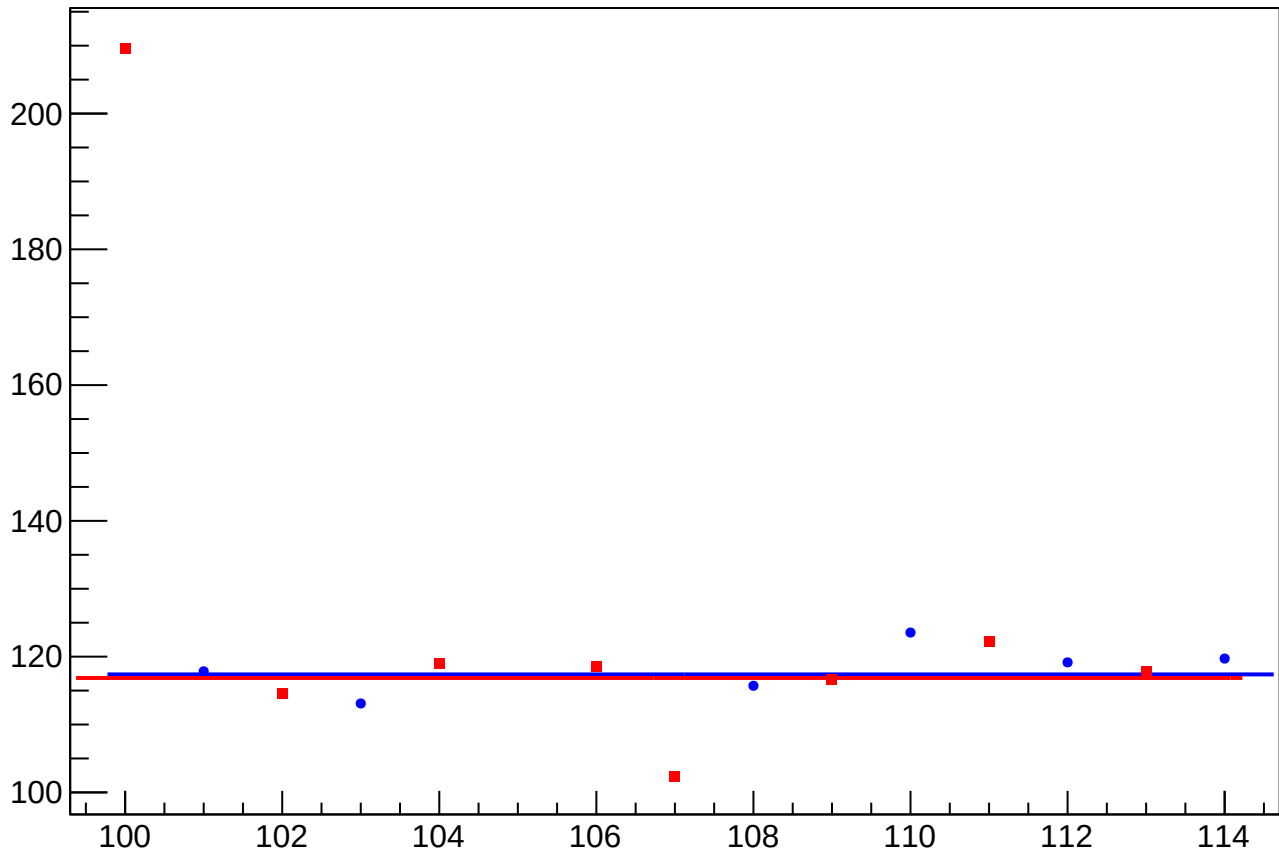
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.812 $\pm$ 48.584 χ^2 /NDF: 22.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 117.381 $\pm$ 0.051 χ^2 /NDF: 4060.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.859 $\pm$ 0.046 χ^2 /NDF: 40804.0/7

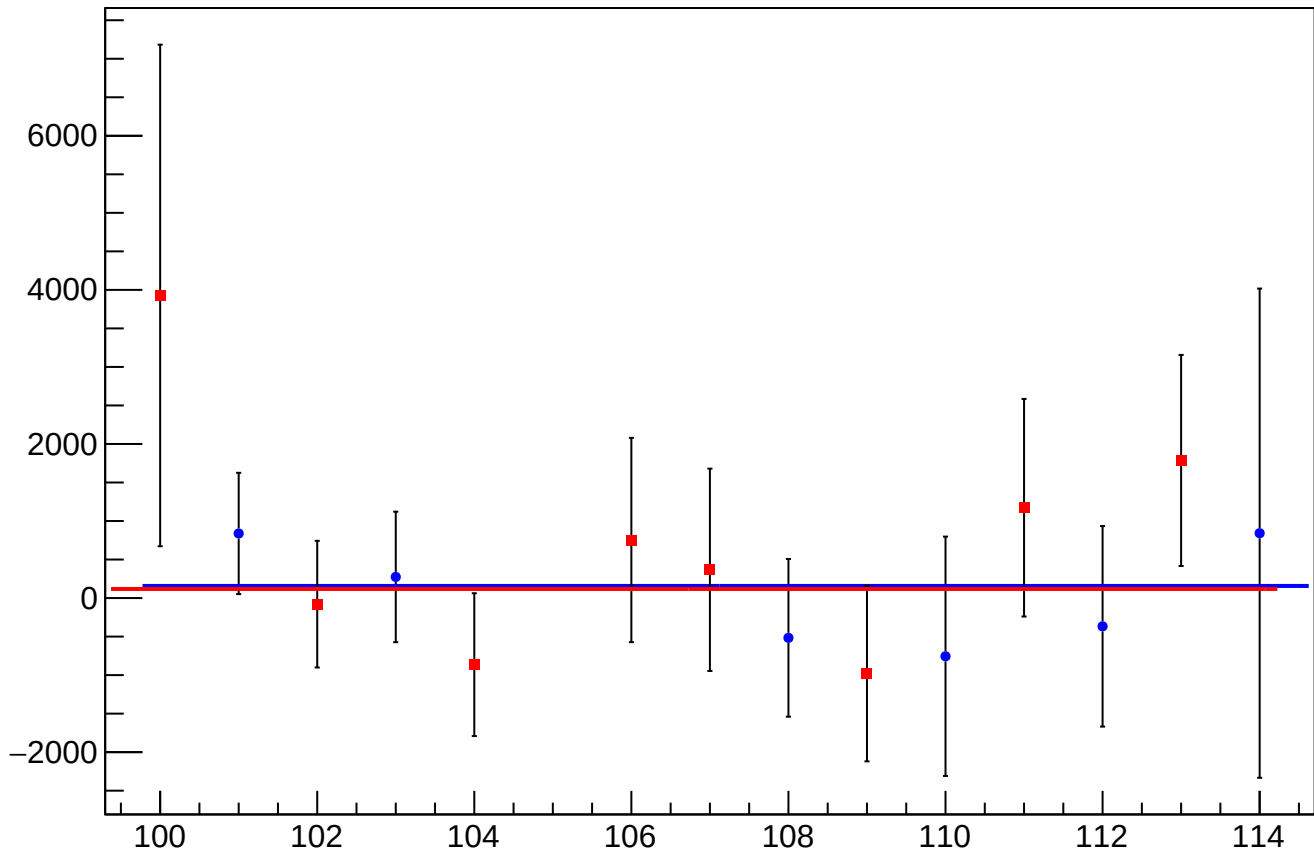
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.094 $\pm$ 0.034 χ^2 /NDF: 44921.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



Right In: 157.209 $\pm$ 444.294 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.218 $\pm$ 419.141 χ^2 /NDF: 5.8/7

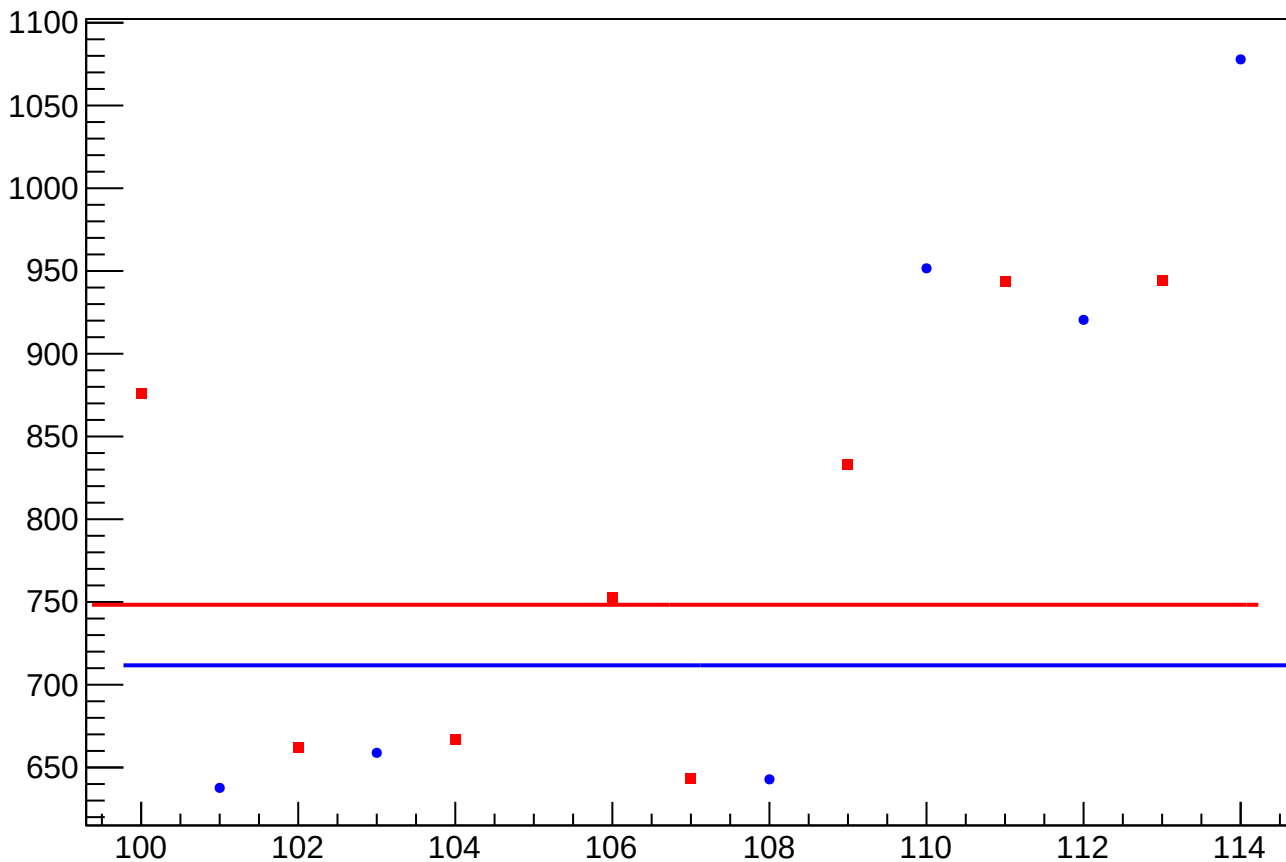
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.578 $\pm$ 304.882 χ^2 /NDF: 7.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug



Right In: 711.729 $\pm$ 0.314 χ^2 /NDF: 160304.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 748.317 $\pm$ 0.296 χ^2 /NDF: 143536.8/7

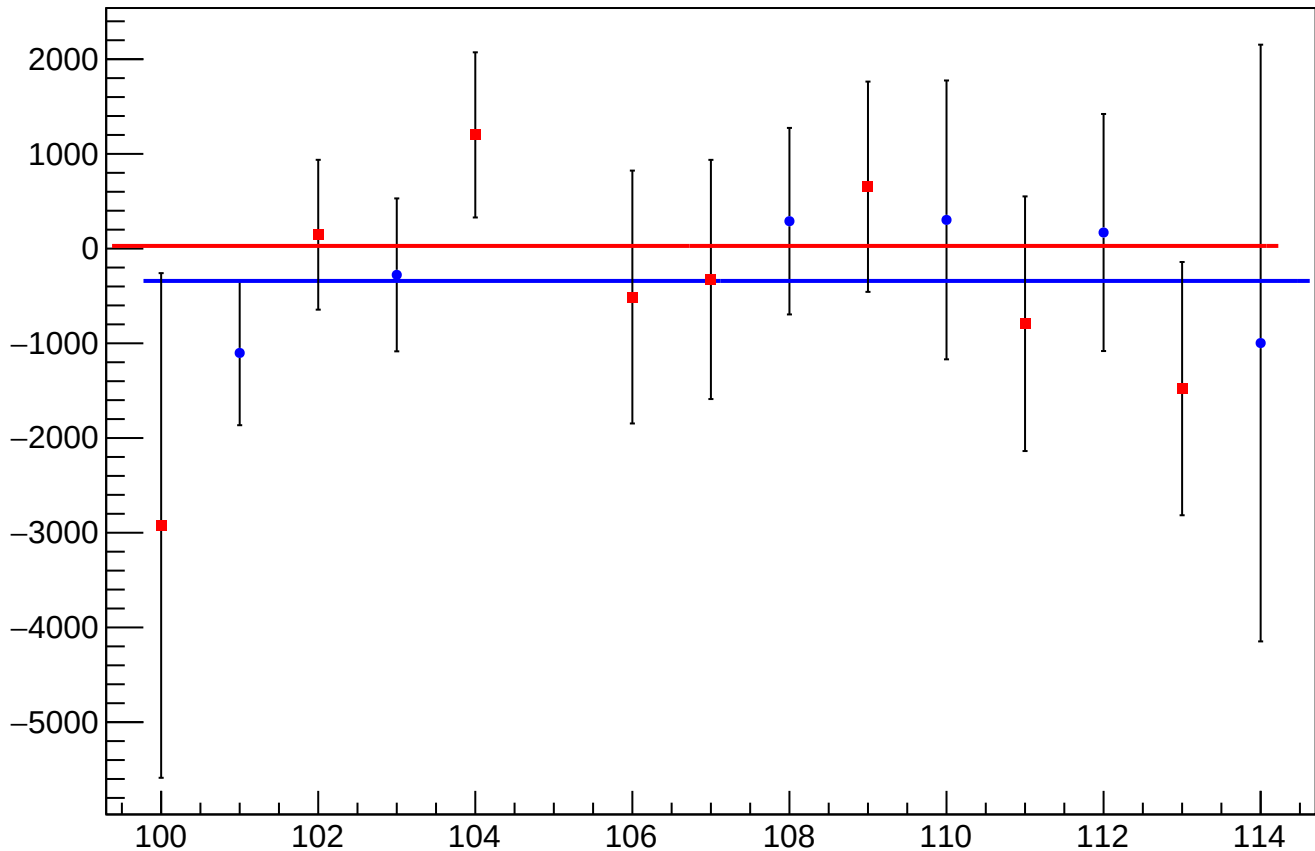
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 731.088 $\pm$ 0.216 χ^2 /NDF: 311017.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug



Right In: -341.326+/-427.023 χ^2 /NDF: 1.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 28.243+/-402.679 χ^2 /NDF: 5.3/7

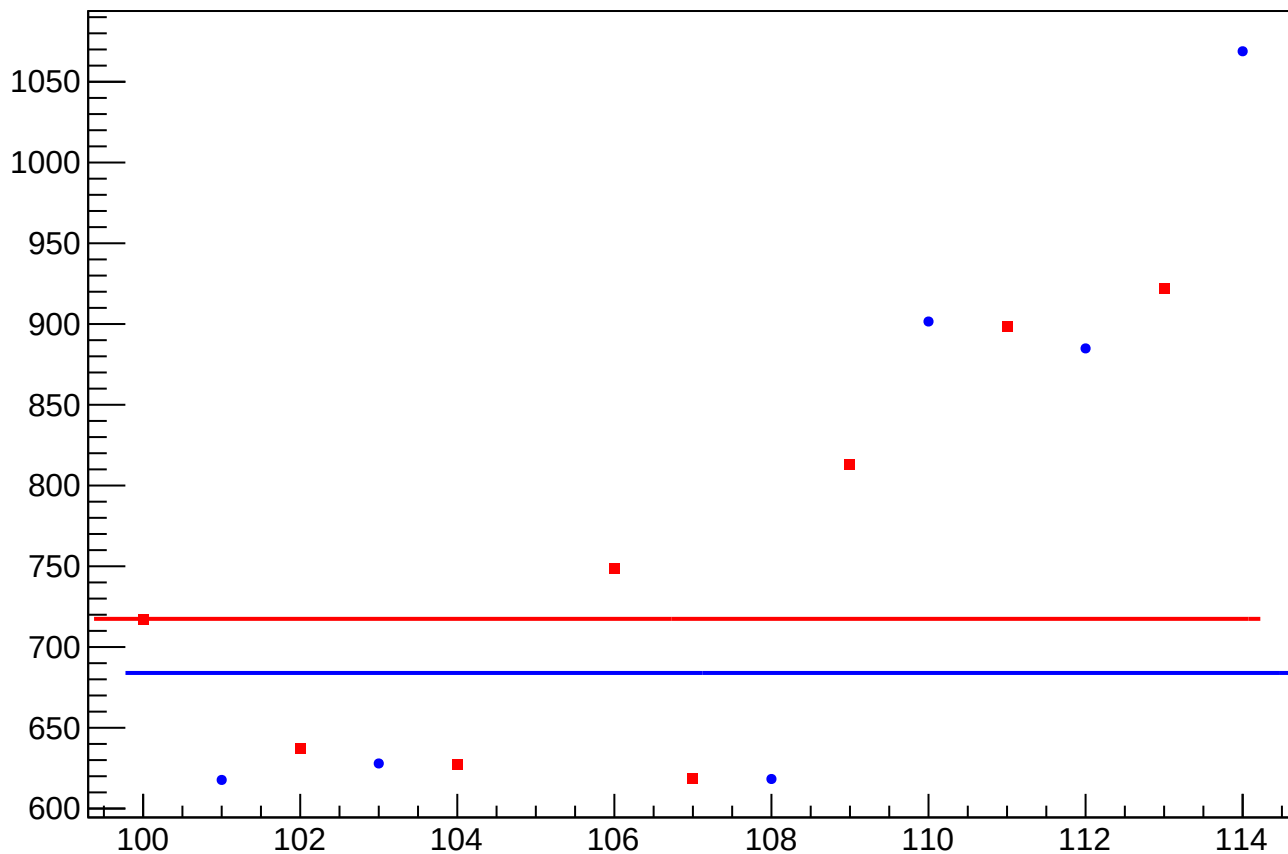
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -145.708+/-292.965 χ^2 /NDF: 7.5/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 683.954+/-0.302 χ^2/NDF : 158726.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.449+/-0.285 χ^2/NDF : 153130.9/7

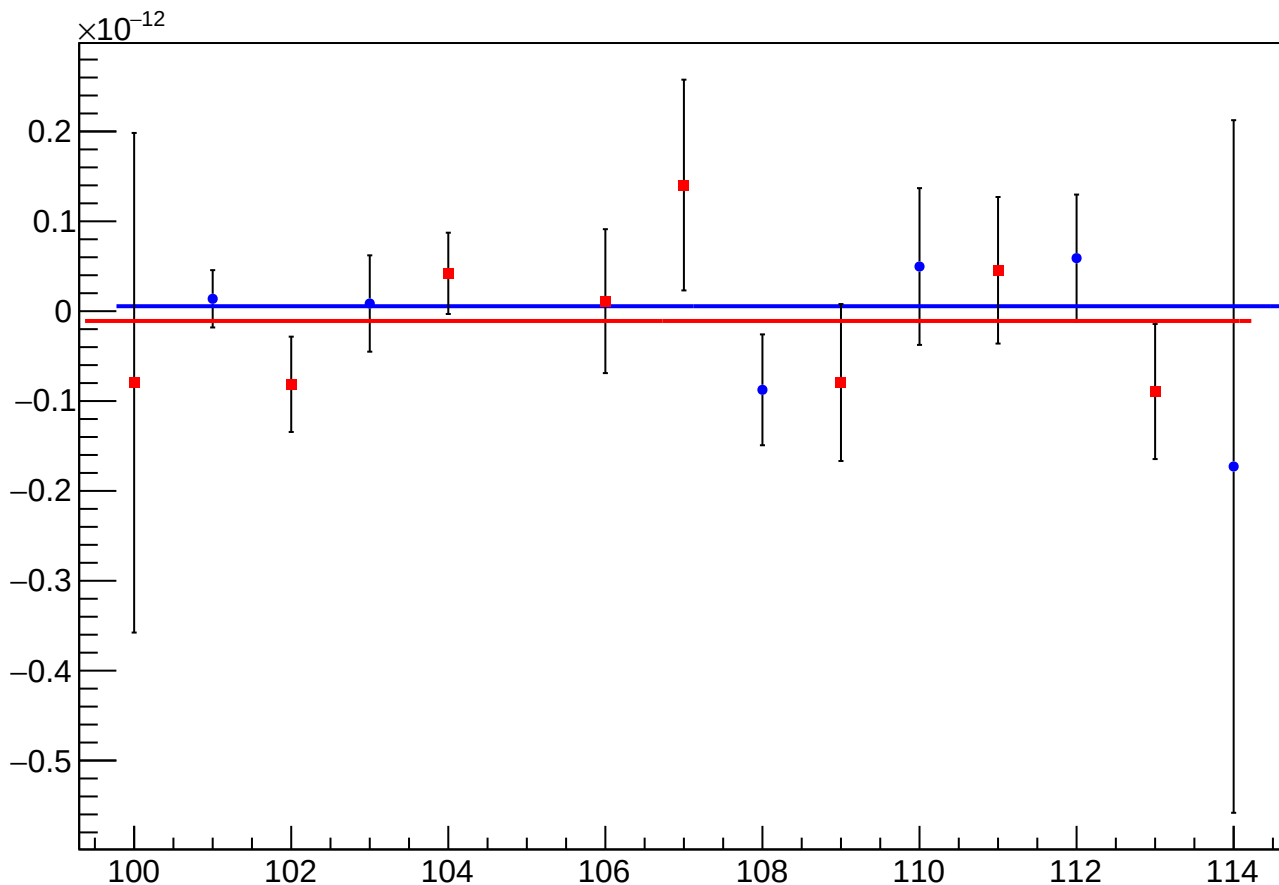
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.683+/-0.207 χ^2/NDF : 318371.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/7

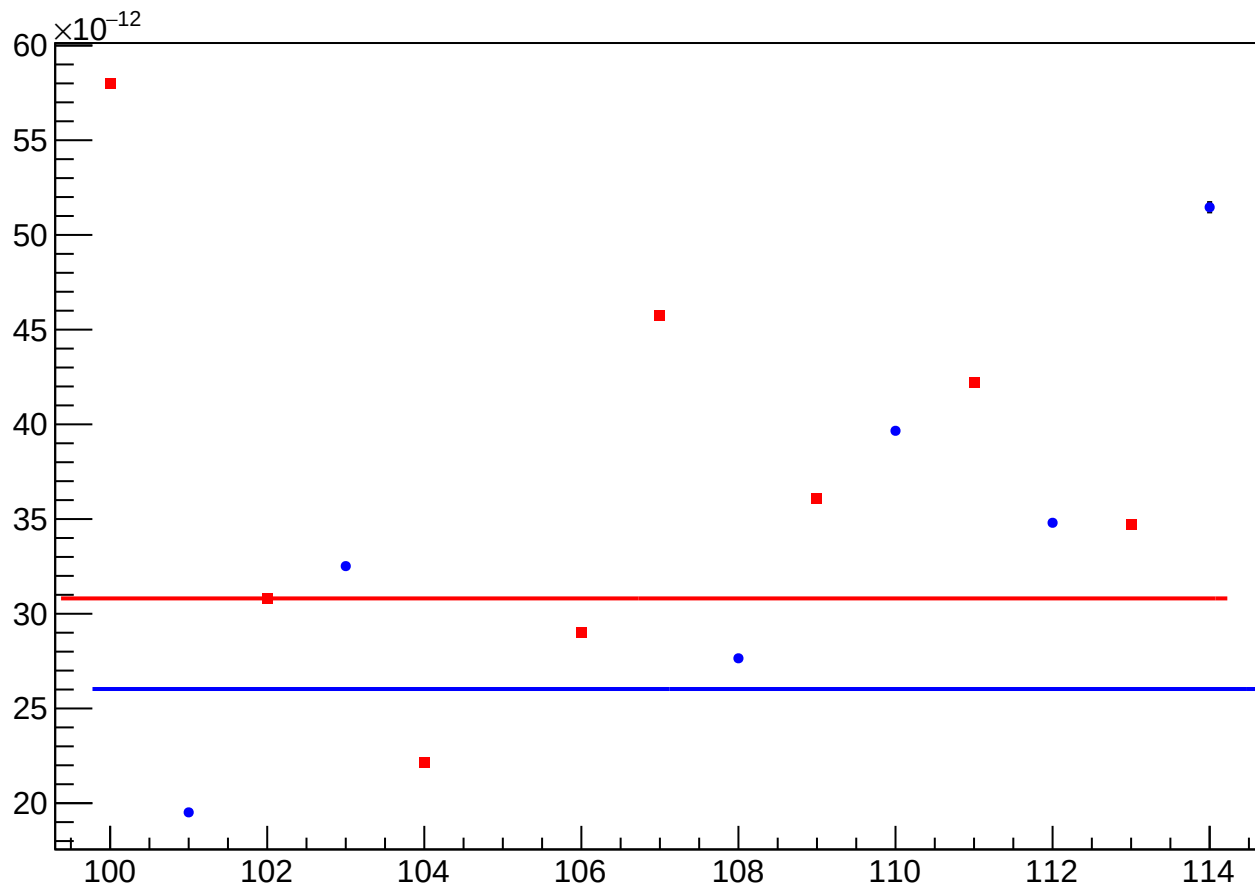
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 202426.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 177703.4/7

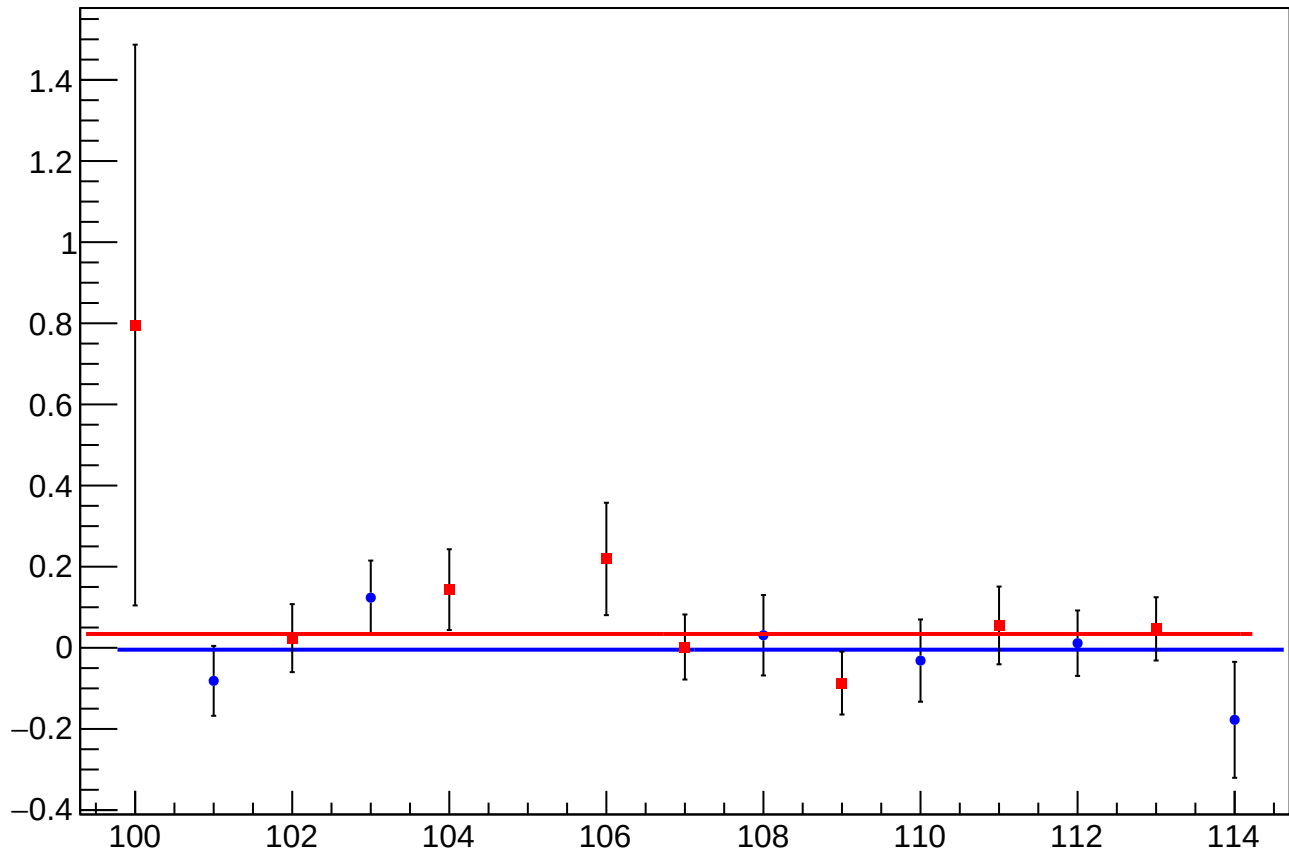
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 419403.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.039 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.034 $\pm$ 0.033 χ^2 /NDF: 6.9/7

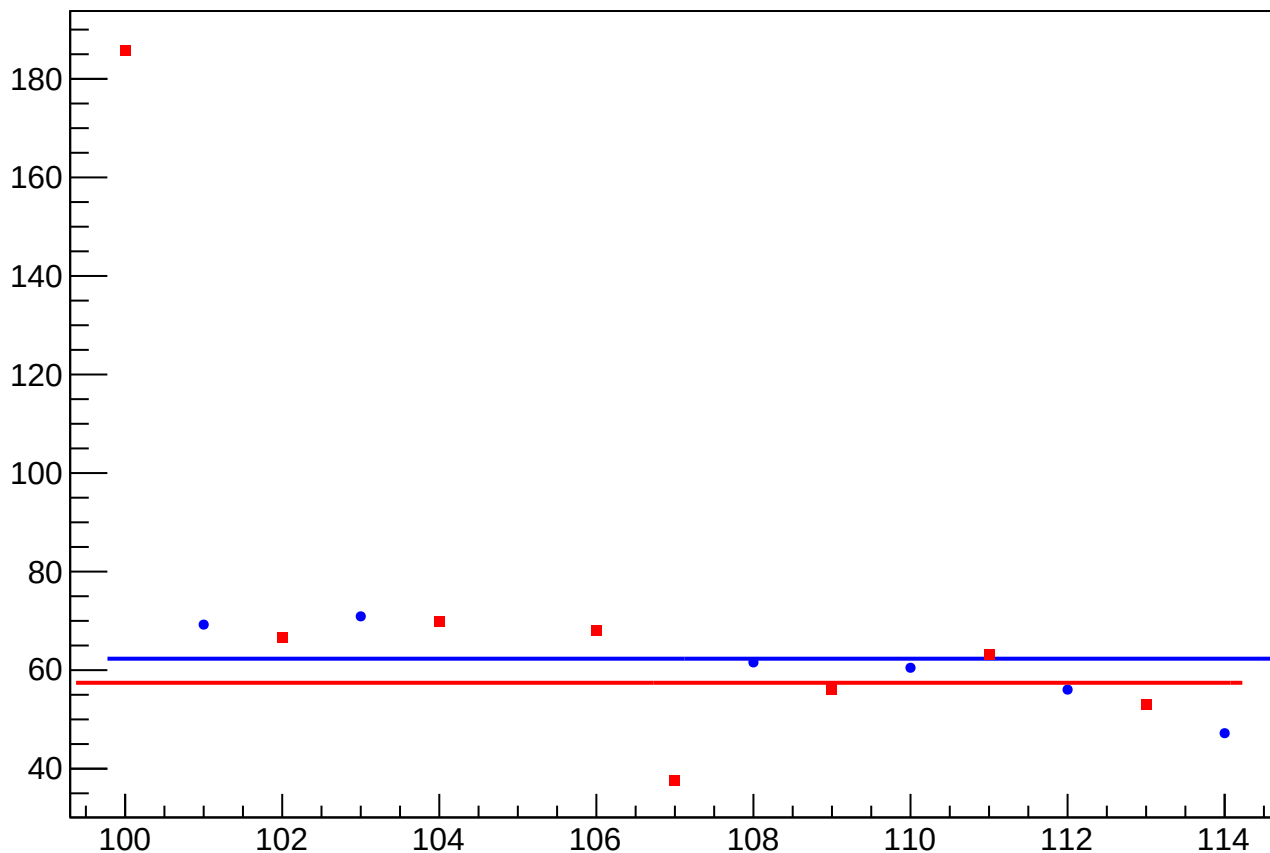
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.025 χ^2 /NDF: 11.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 62.324+/-0.028 χ^2/NDF : 65850.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.436+/-0.024 χ^2/NDF : 273249.8/7

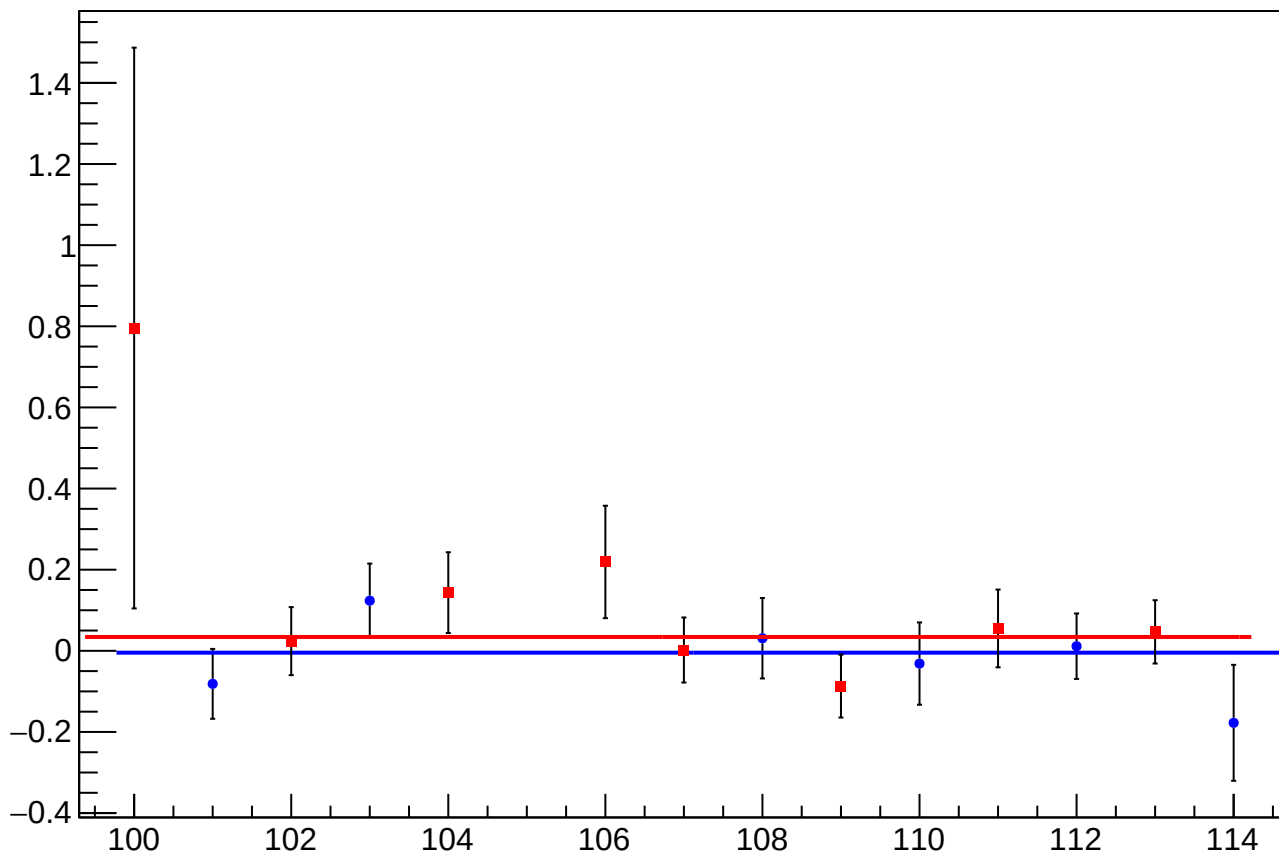
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.507+/-0.018 χ^2/NDF : 357173.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.039 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.034 $\pm$ 0.033 χ^2 /NDF: 6.9/7

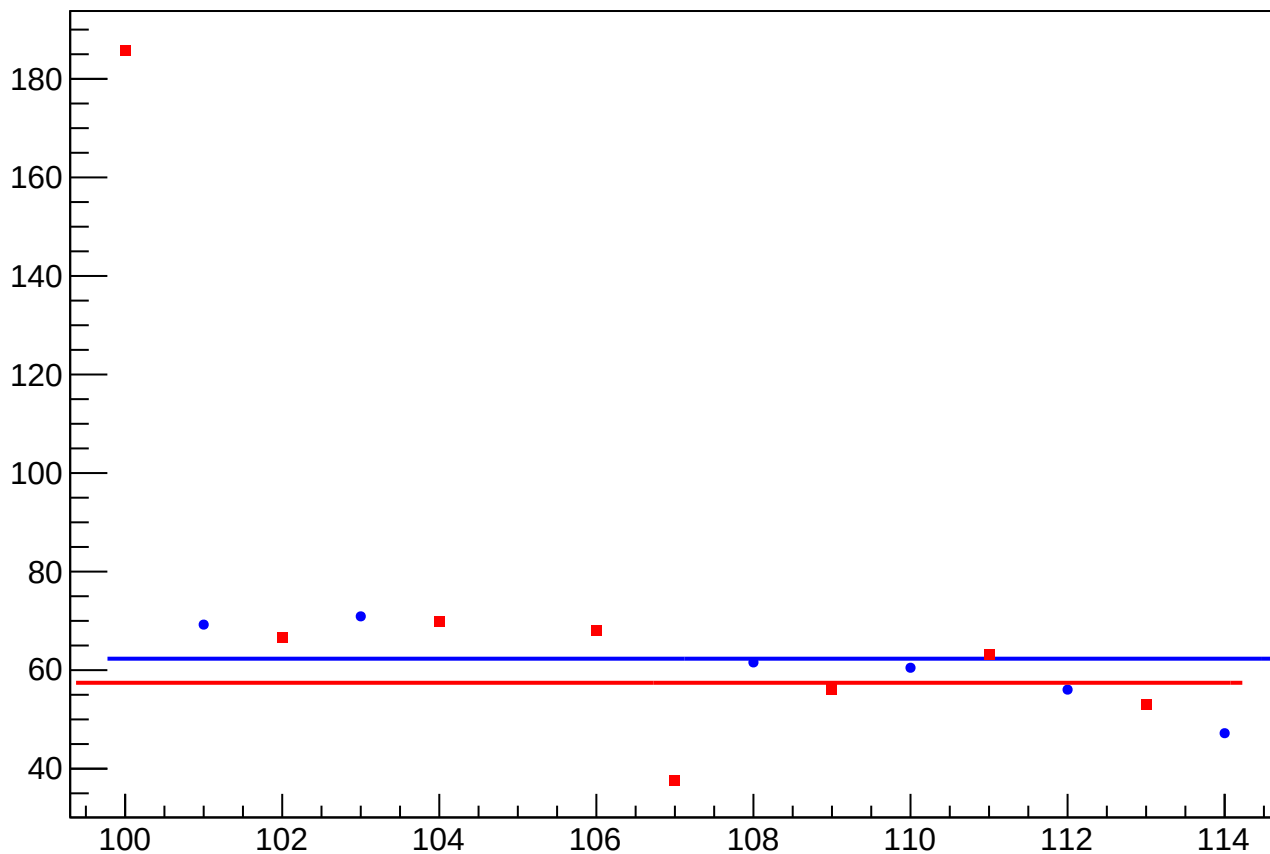
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.025 χ^2 /NDF: 11.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.324+/-0.028 χ^2/NDF : 65850.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.436+/-0.024 χ^2/NDF : 273249.8/7

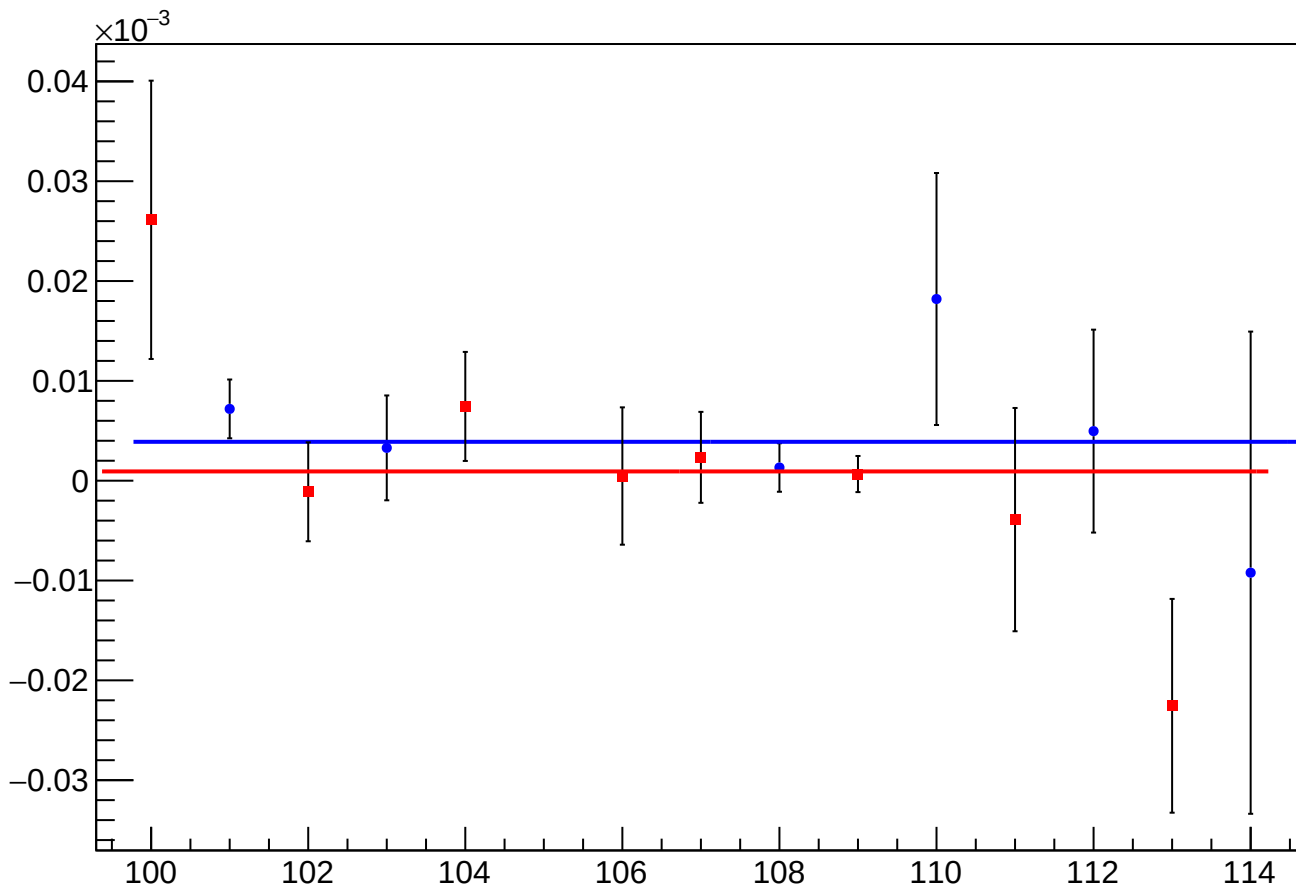
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.507+/-0.018 χ^2/NDF : 357173.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/7

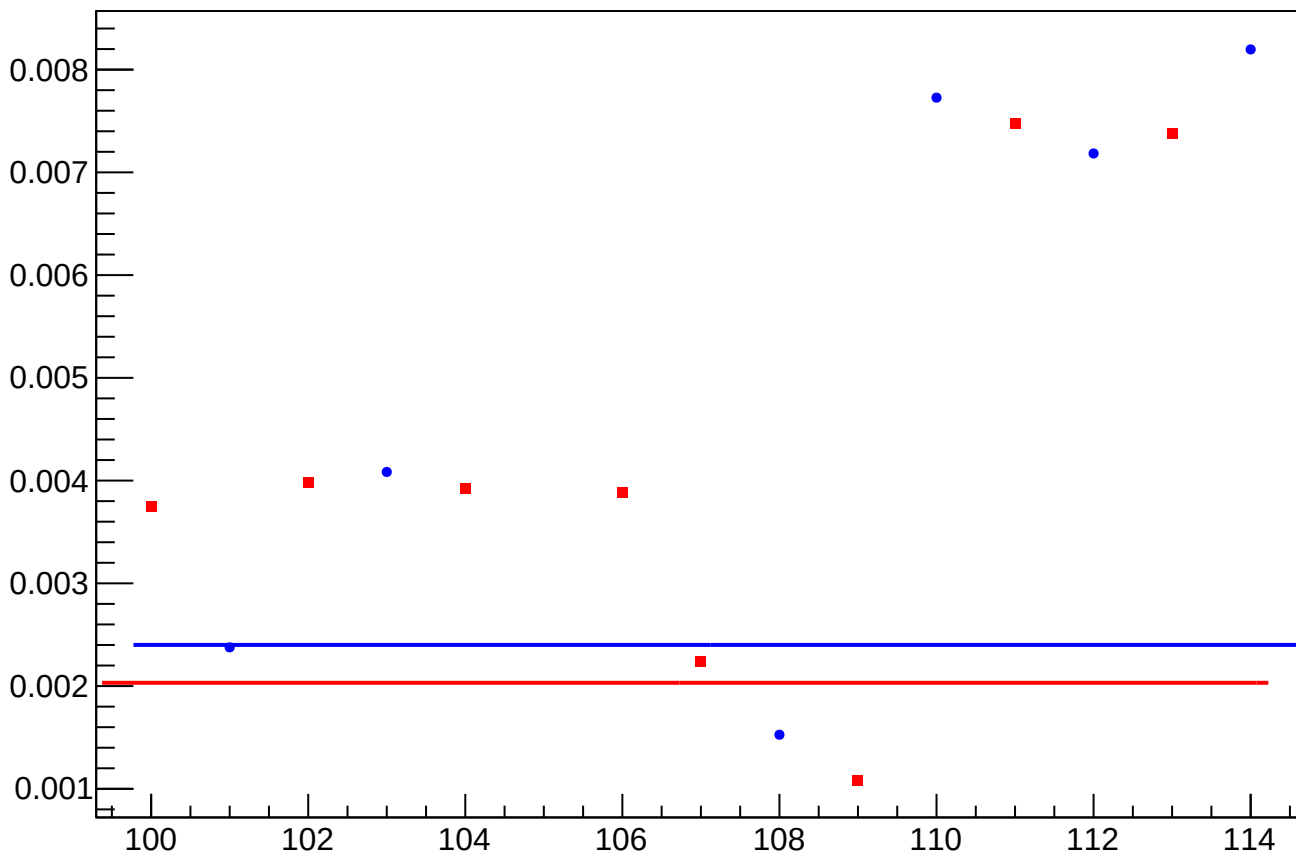
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1378767.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2256689.8/7

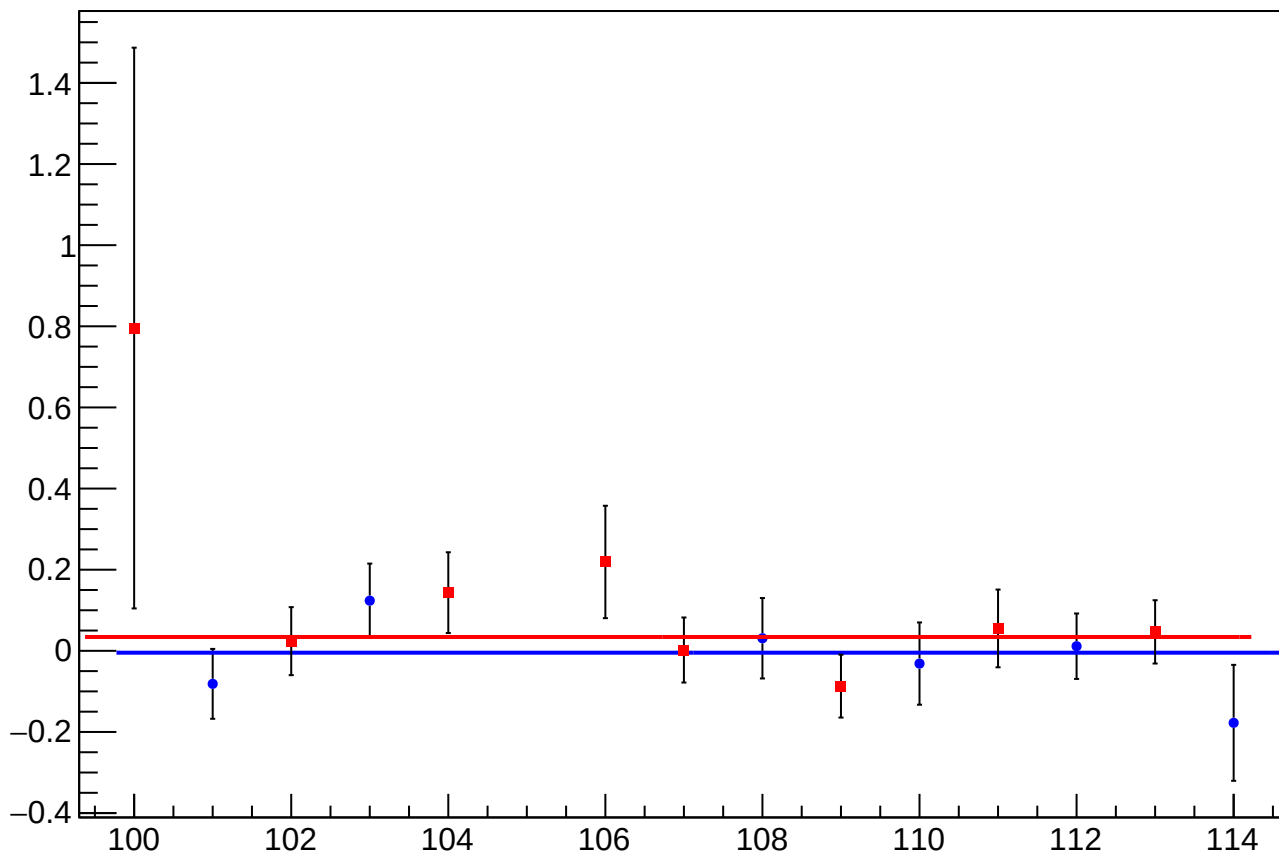
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3688918.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.039 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.034 $\pm$ 0.033 χ^2 /NDF: 6.9/7

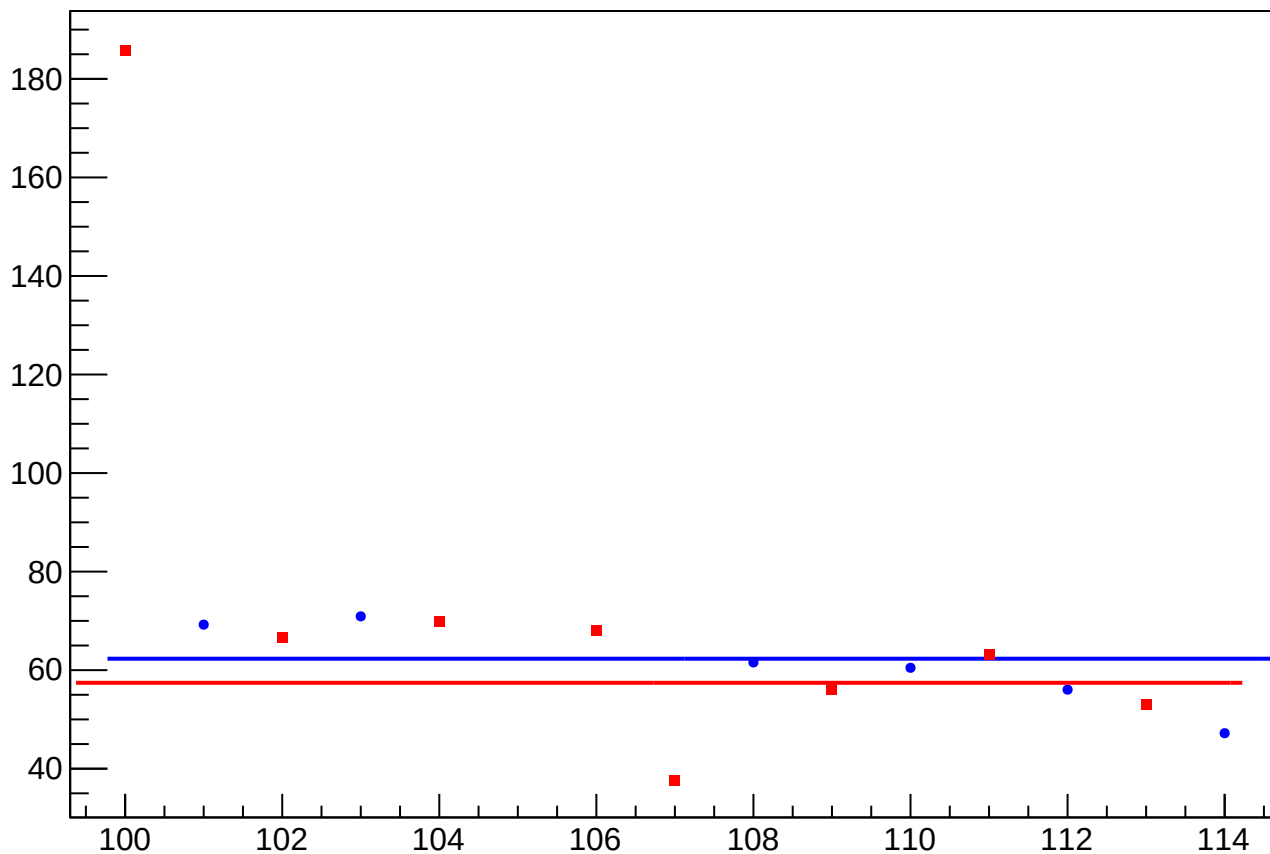
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.025 χ^2 /NDF: 11.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.322+/-0.028 χ^2/NDF : 65883.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.434+/-0.024 χ^2/NDF : 273233.6/7

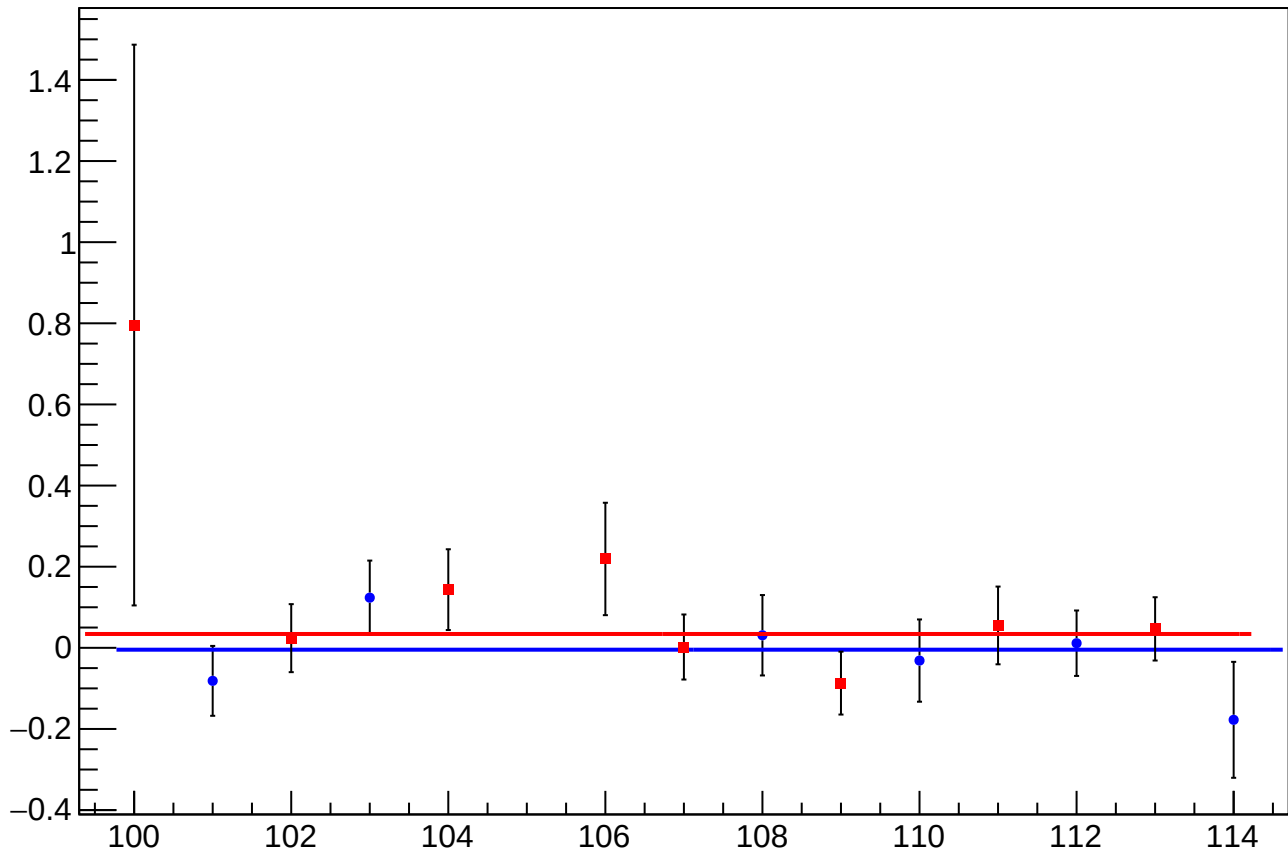
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.505+/-0.018 χ^2/NDF : 357183.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.039 χ^2 /NDF: 4.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.034 $\pm$ 0.033 χ^2 /NDF: 6.9/7

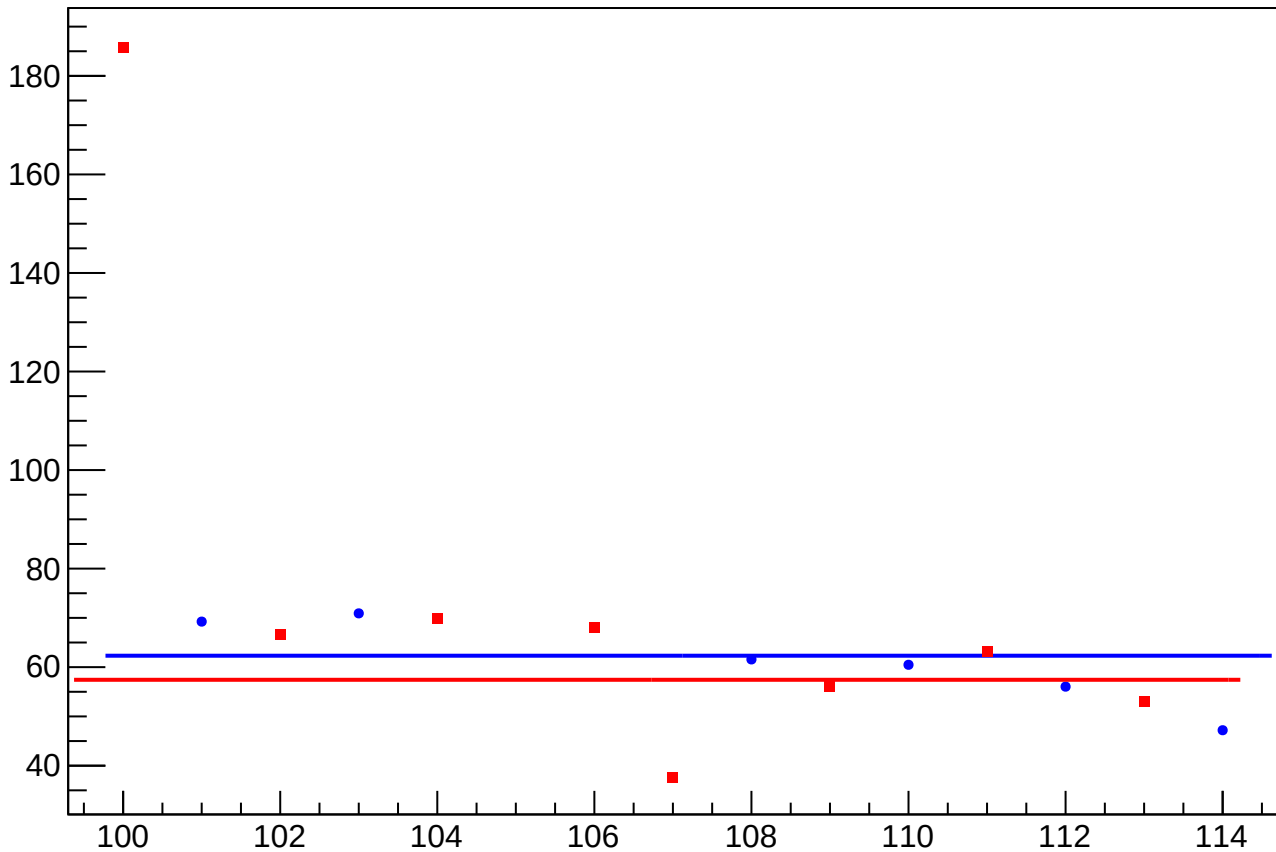
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.025 χ^2 /NDF: 11.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.322 $\pm$ 0.028 χ^2 /NDF: 65883.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.434 $\pm$ 0.024 χ^2 /NDF: 273233.6/7

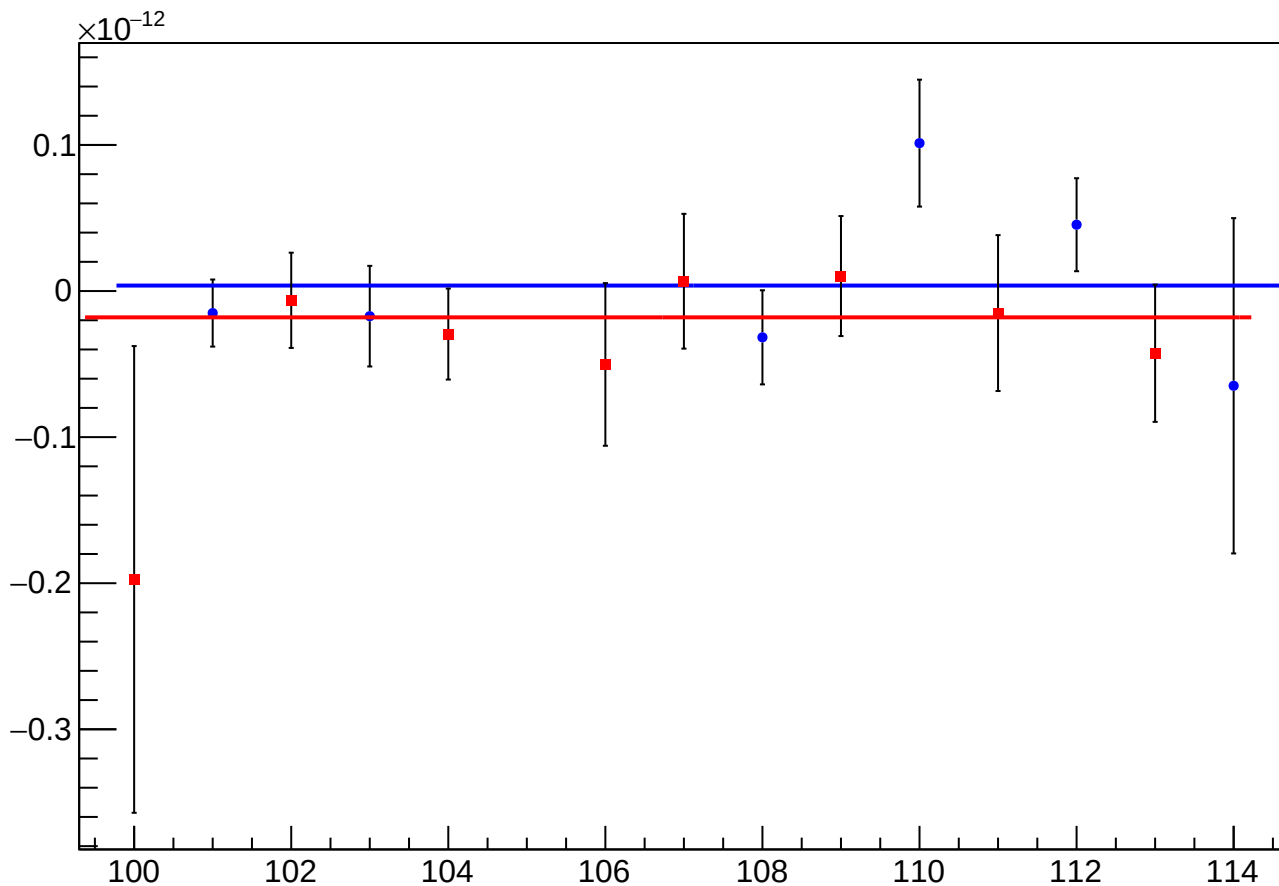
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.505 $\pm$ 0.018 χ^2 /NDF: 357183.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 9.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 2.9/7

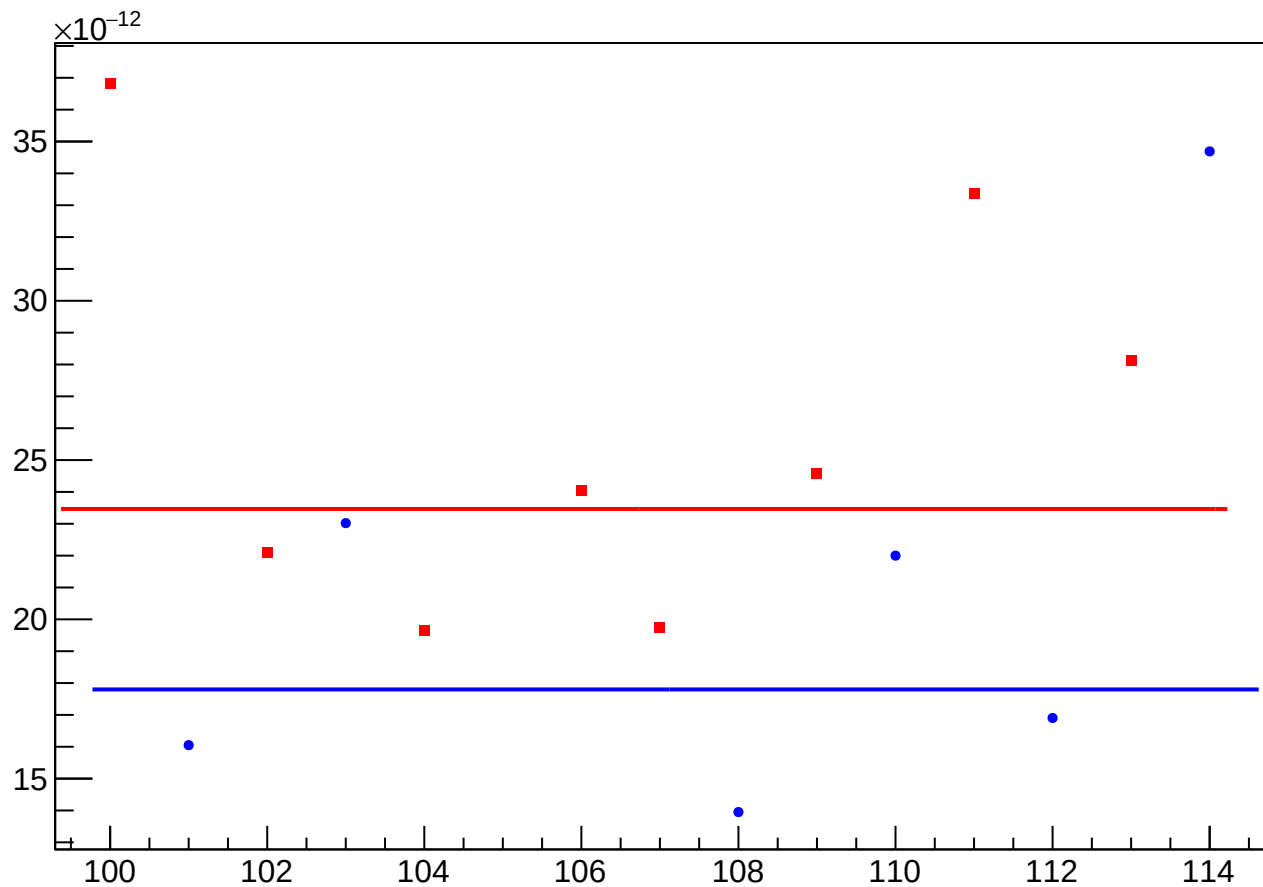
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 13.4/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 149717.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 150499.1/7

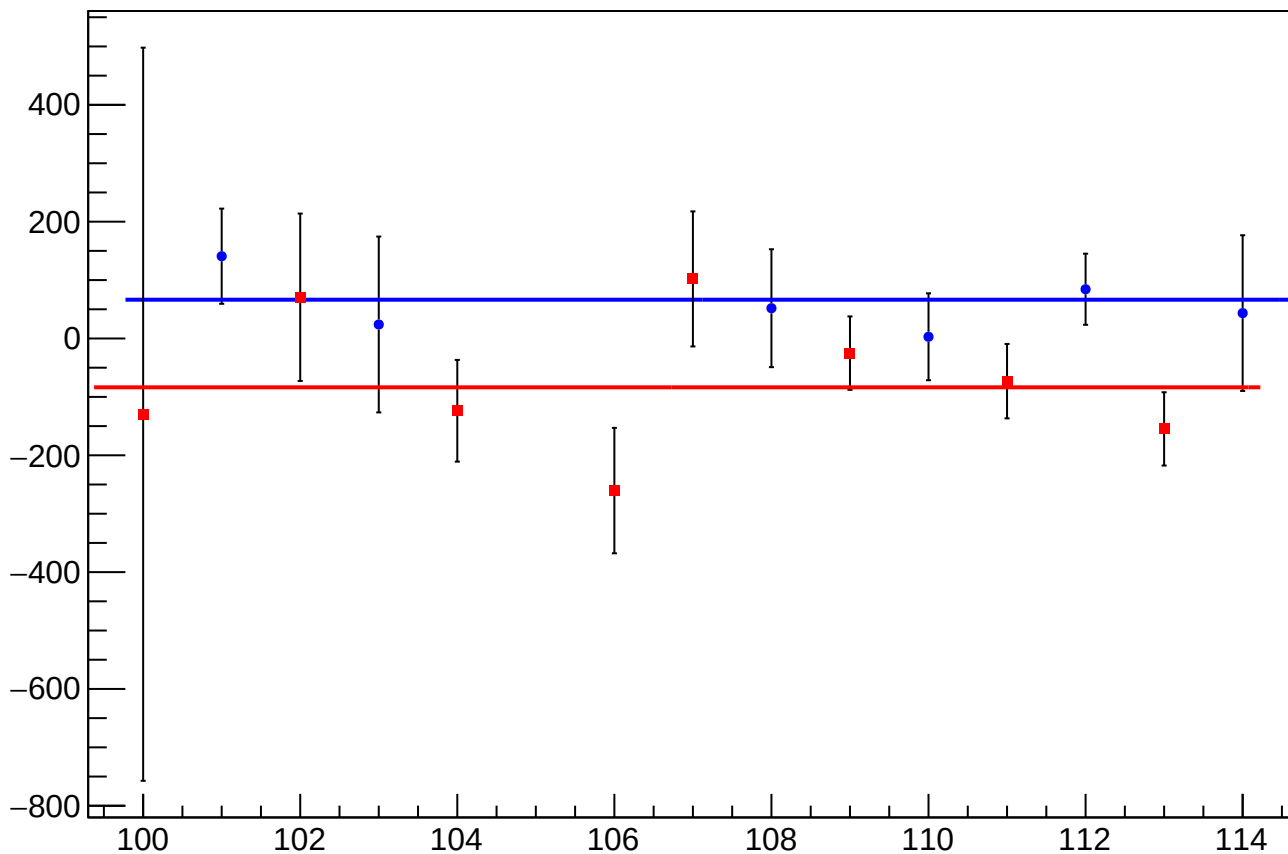
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 450602.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 66.401 $\pm$ 35.367 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.600 $\pm$ 30.177 χ^2 /NDF: 8.8/7

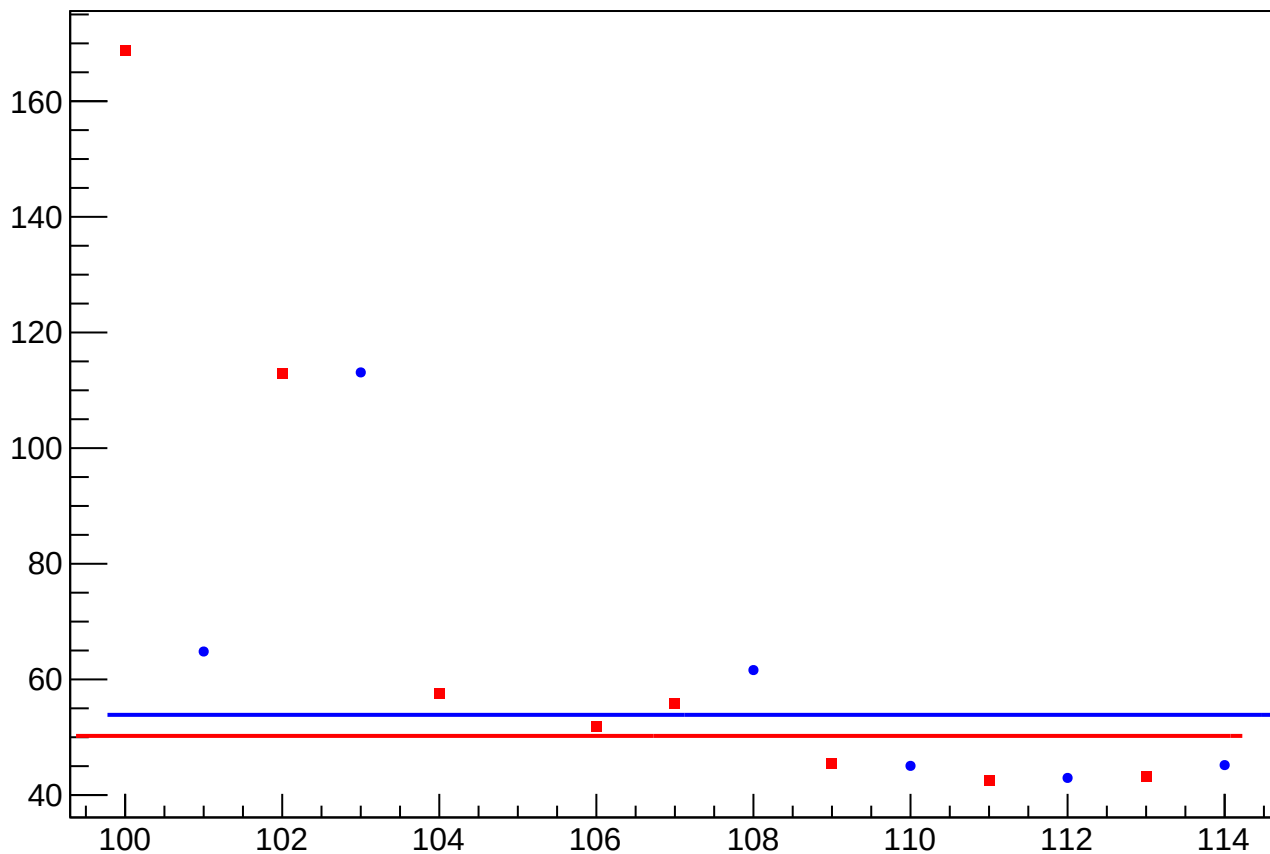
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.403 $\pm$ 22.956 χ^2 /NDF: 21.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 53.872 $\pm$ 0.025 χ^2 /NDF: 458189.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.231 $\pm$ 0.021 χ^2 /NDF: 540160.3/7

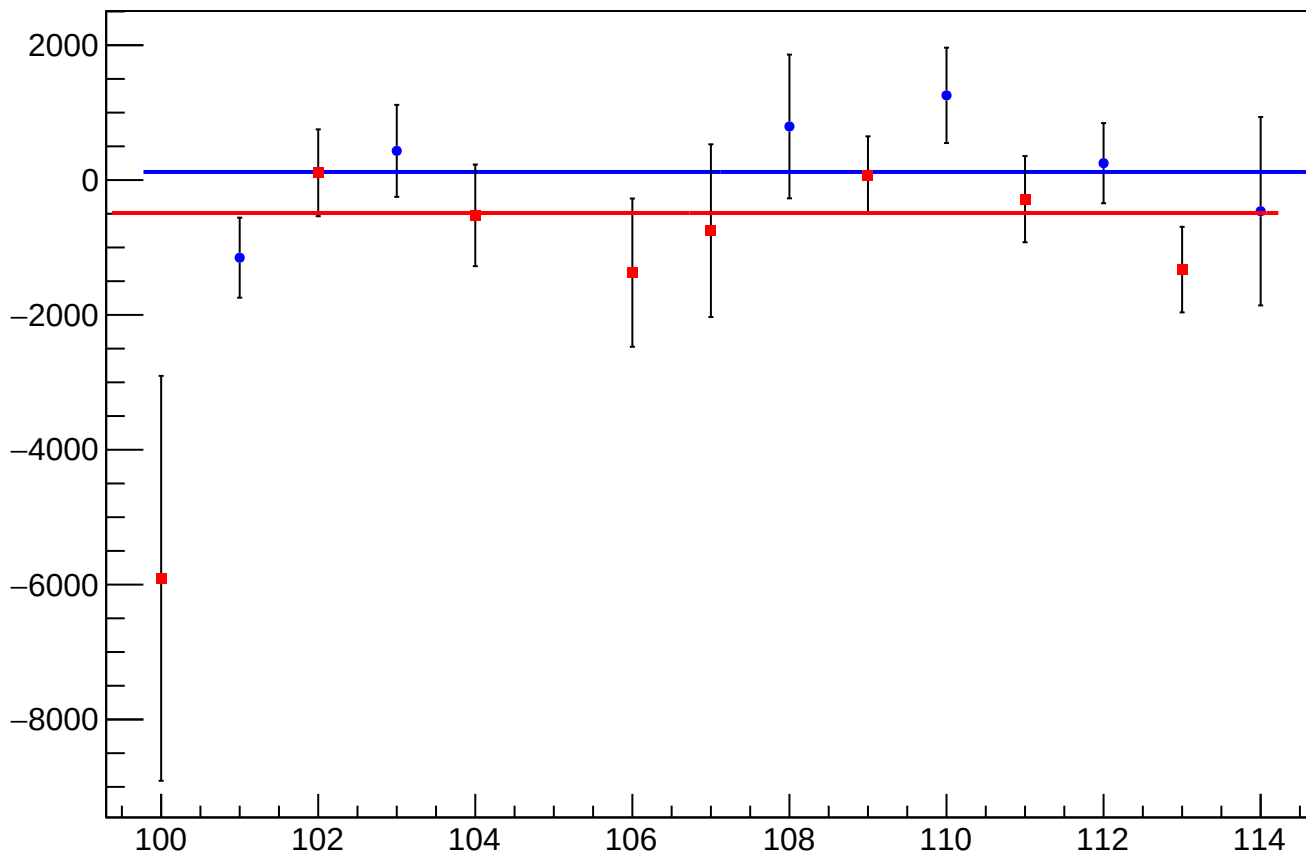
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.765 $\pm$ 0.016 χ^2 /NDF: 1010621.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 119.957 $\pm$ 298.635 χ^2 /NDF: 8.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -488.671 $\pm$ 270.481 χ^2 /NDF: 7.6/7

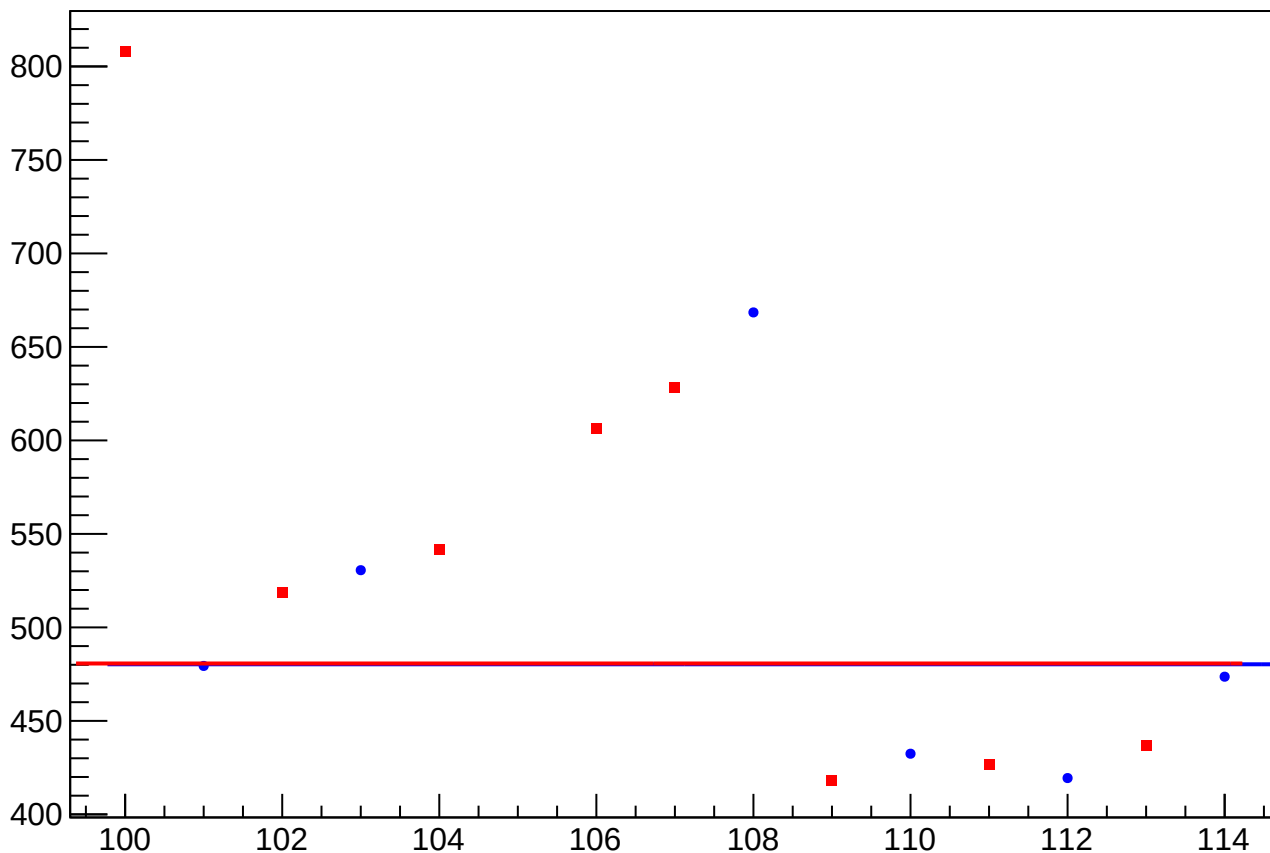
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.392 $\pm$ 200.475 χ^2 /NDF: 17.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 480.270 $\pm$ 0.211 χ^2 /NDF: 103428.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.698 $\pm$ 0.191 χ^2 /NDF: 143632.4/7

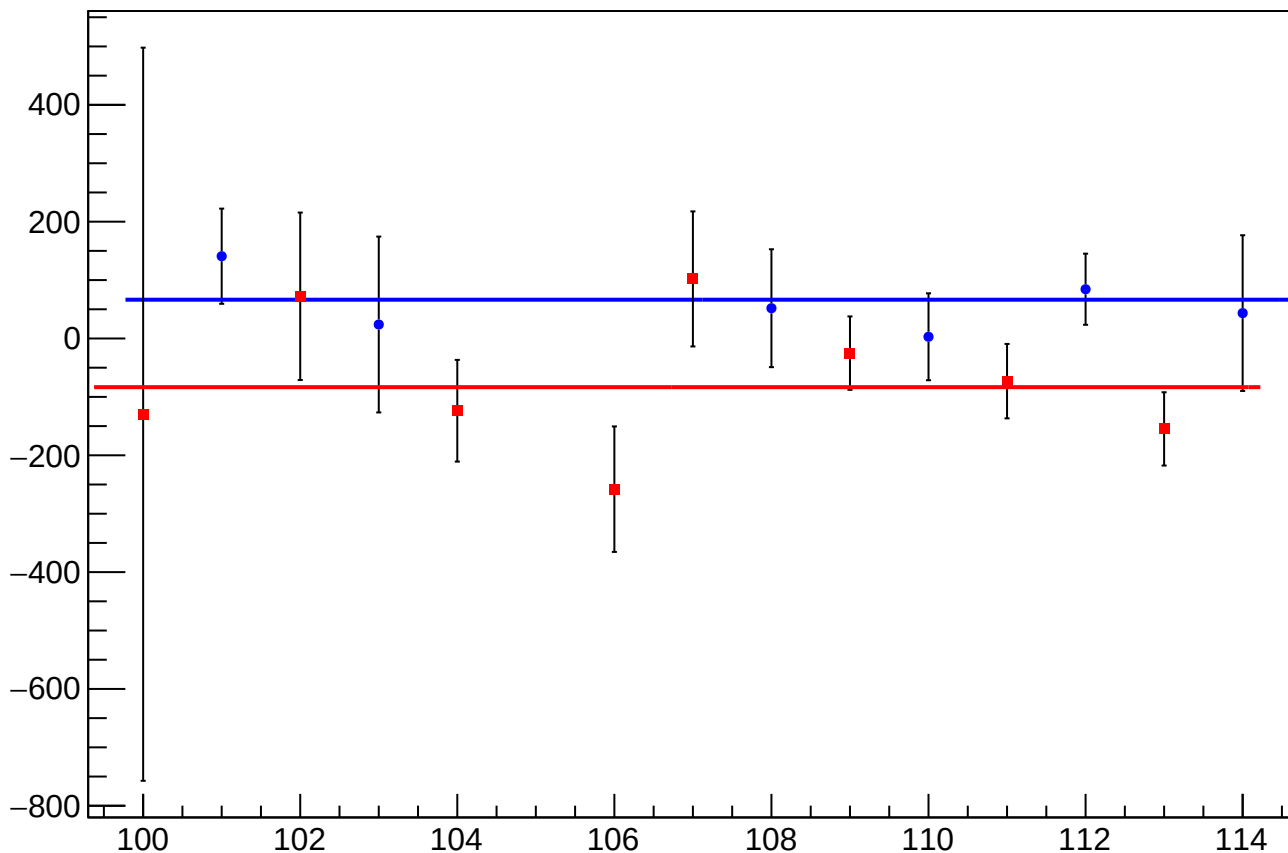
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 480.505 $\pm$ 0.142 χ^2 /NDF: 247062.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: 66.395+/-35.367 χ^2/NDF : 1.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.326+/-30.179 χ^2/NDF : 8.8/7

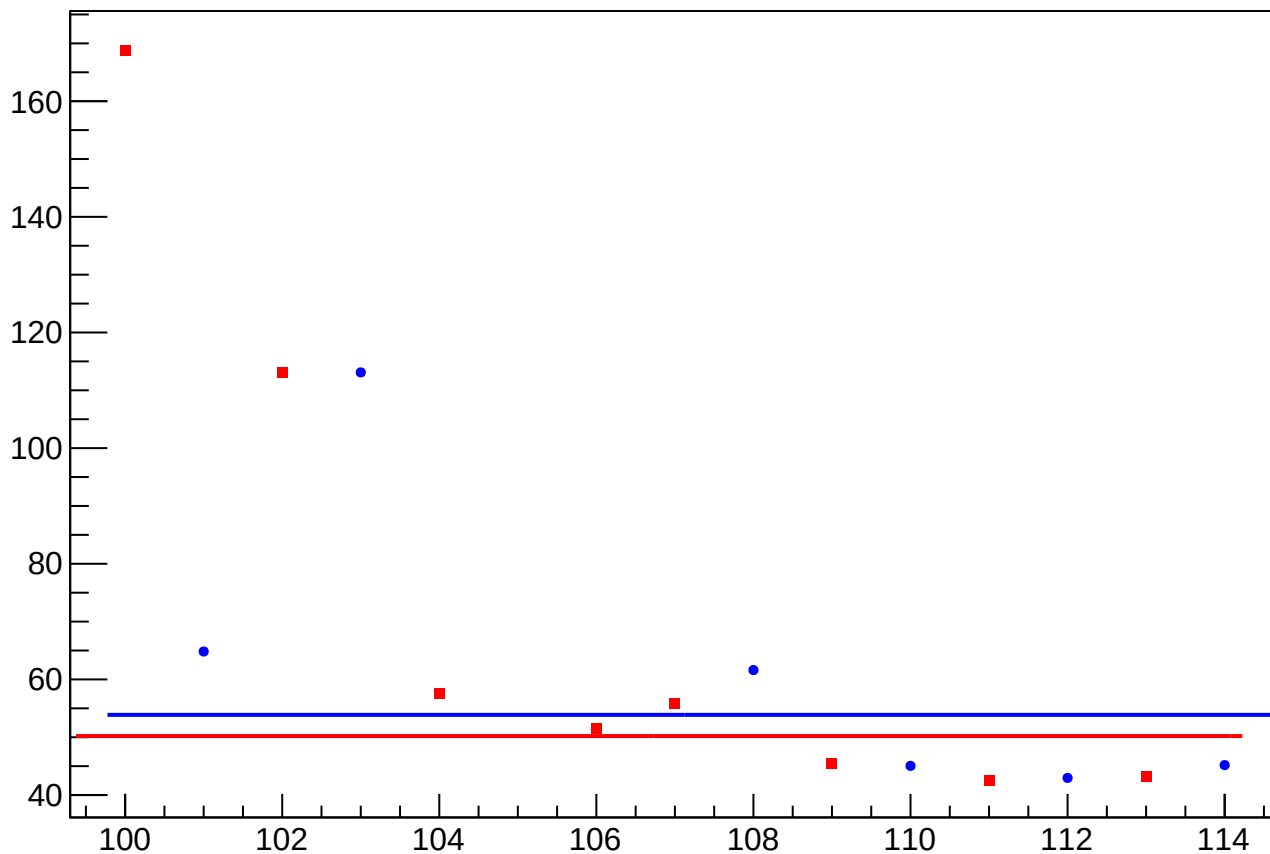
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.242+/-22.957 χ^2/NDF : 20.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.872 $\pm$ 0.025 χ^2 /NDF: 458192.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.206 $\pm$ 0.021 χ^2 /NDF: 540237.6/7

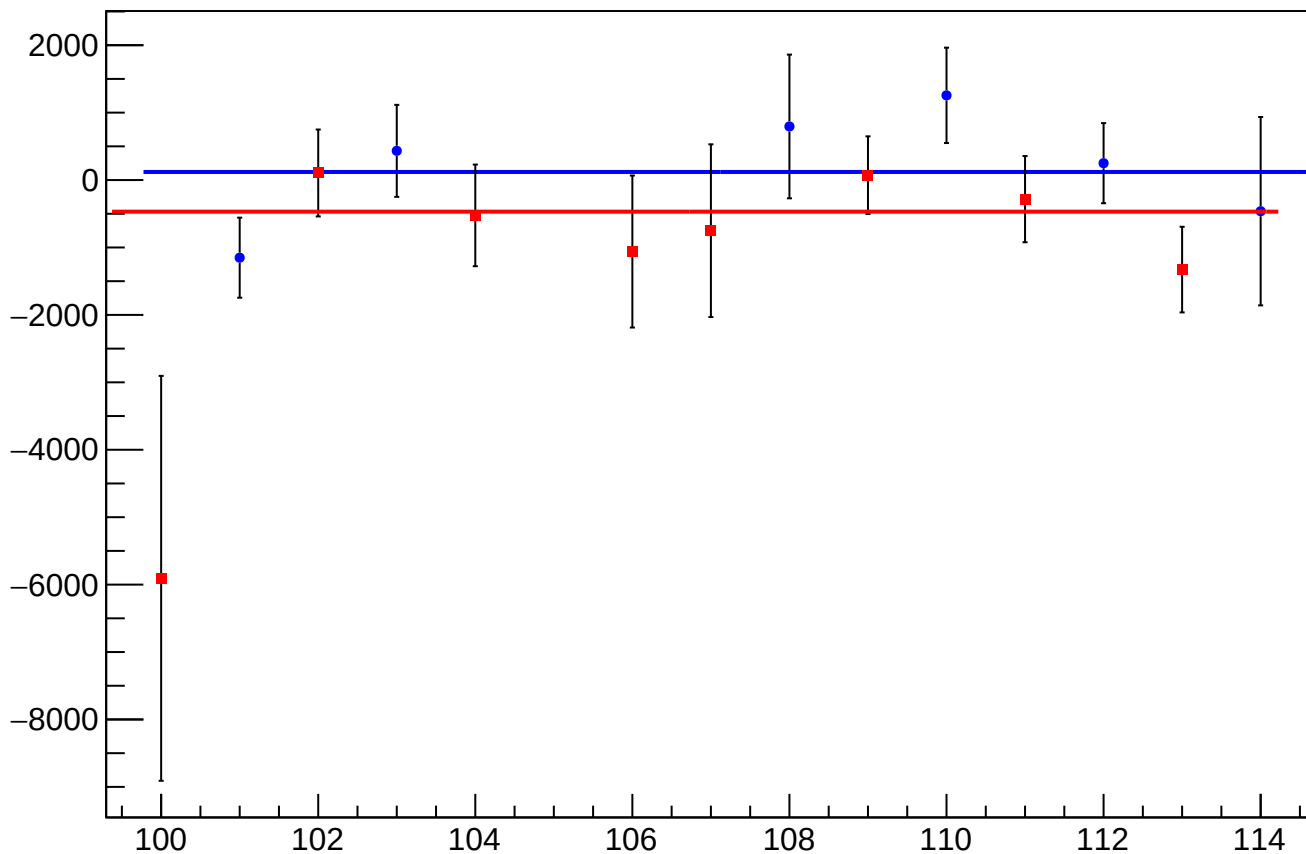
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.751 $\pm$ 0.016 χ^2 /NDF: 1010866.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: 120.013 $\pm$ 298.641 χ^2 /NDF: 8.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -468.762 $\pm$ 270.932 χ^2 /NDF: 7.2/7

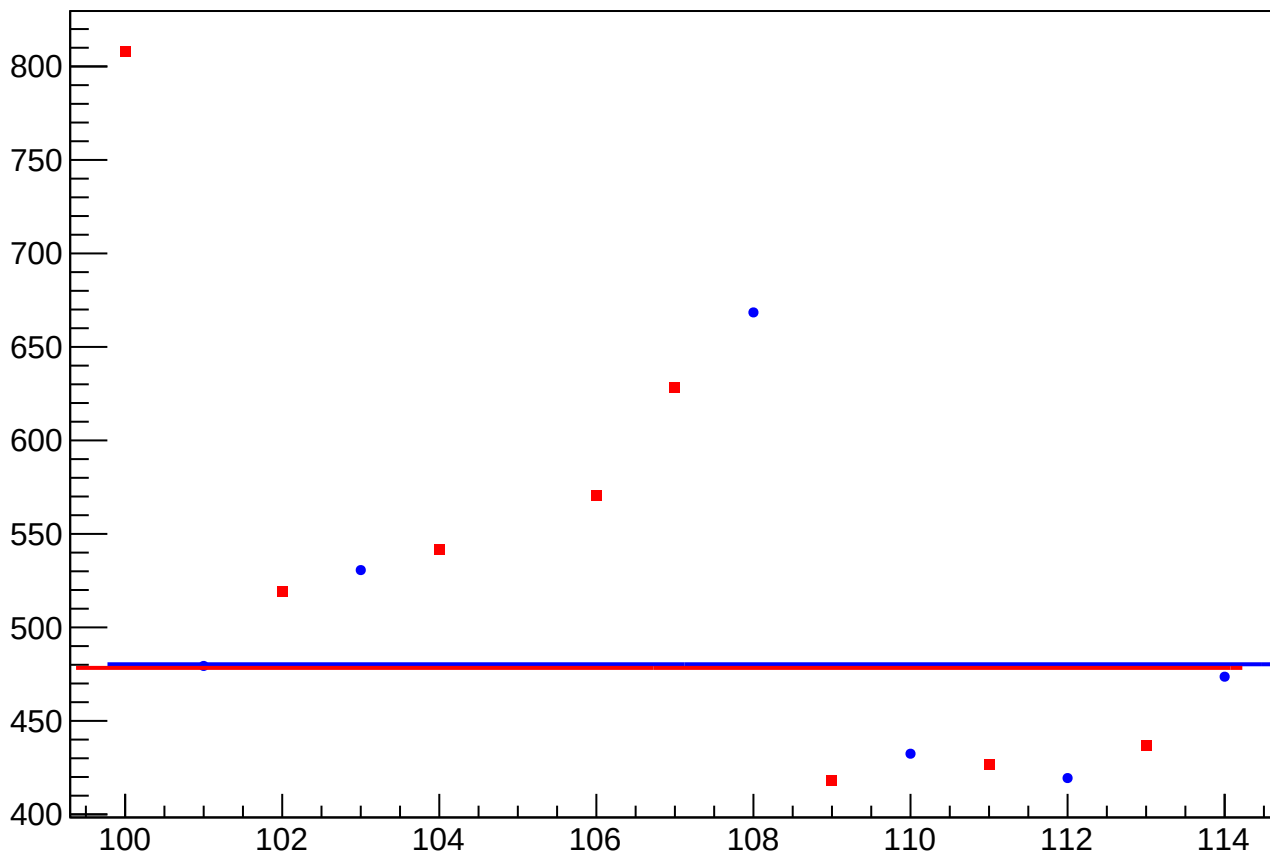
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -202.950 $\pm$ 200.661 χ^2 /NDF: 17.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 480.279+/-0.211 χ^2/NDF : 103450.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 478.346+/-0.192 χ^2/NDF : 130337.5/7

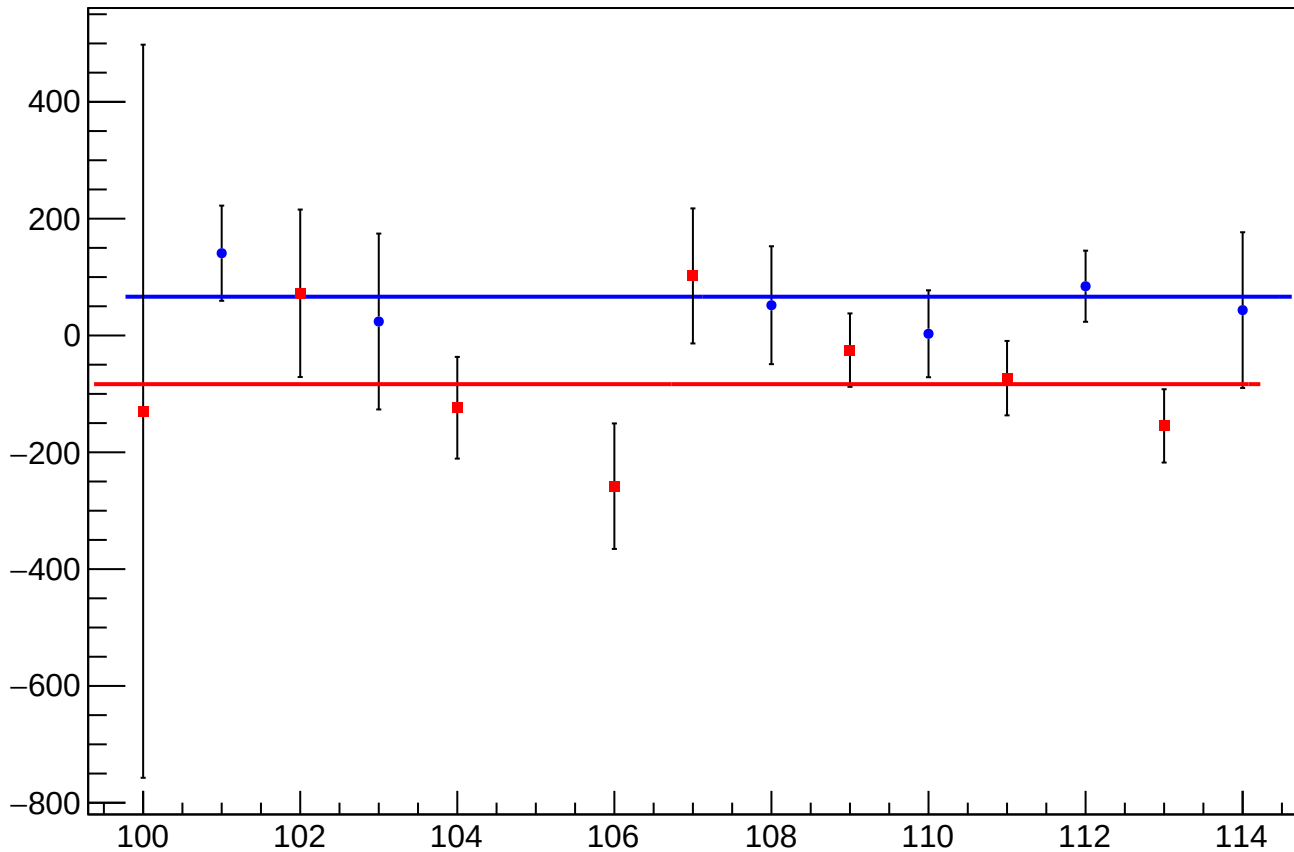
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.219+/-0.142 χ^2/NDF : 233833.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_avg_mean vs Slug



Right In: 66.395 $\pm$ 35.367 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.326 $\pm$ 30.179 χ^2 /NDF: 8.8/7

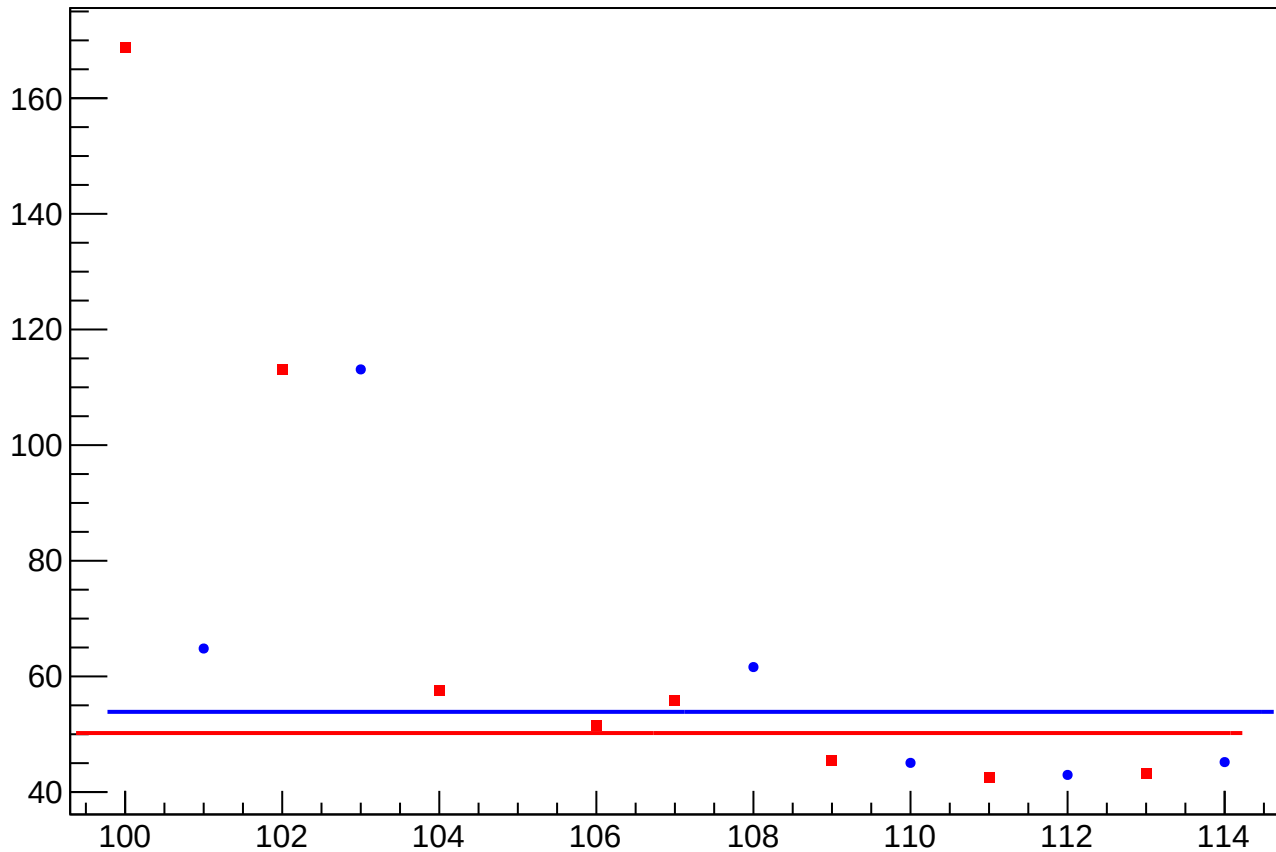
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.242 $\pm$ 22.957 χ^2 /NDF: 20.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.872 $\pm$ 0.025 χ^2 /NDF: 458192.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.206 $\pm$ 0.021 χ^2 /NDF: 540237.6/7

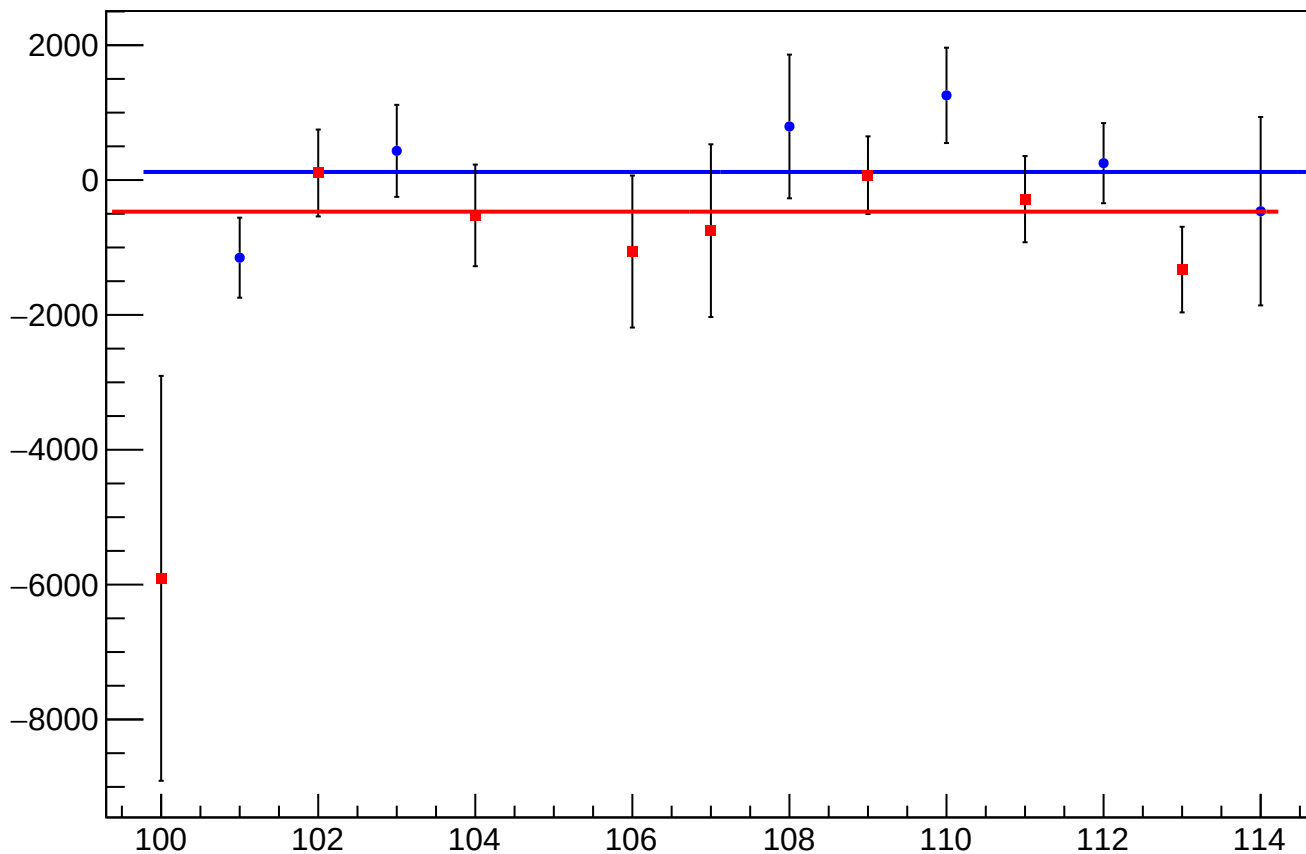
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.751 $\pm$ 0.016 χ^2 /NDF: 1010866.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



Right In: 120.013 $\pm$ 298.641 χ^2 /NDF: 8.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -468.762 $\pm$ 270.932 χ^2 /NDF: 7.2/7

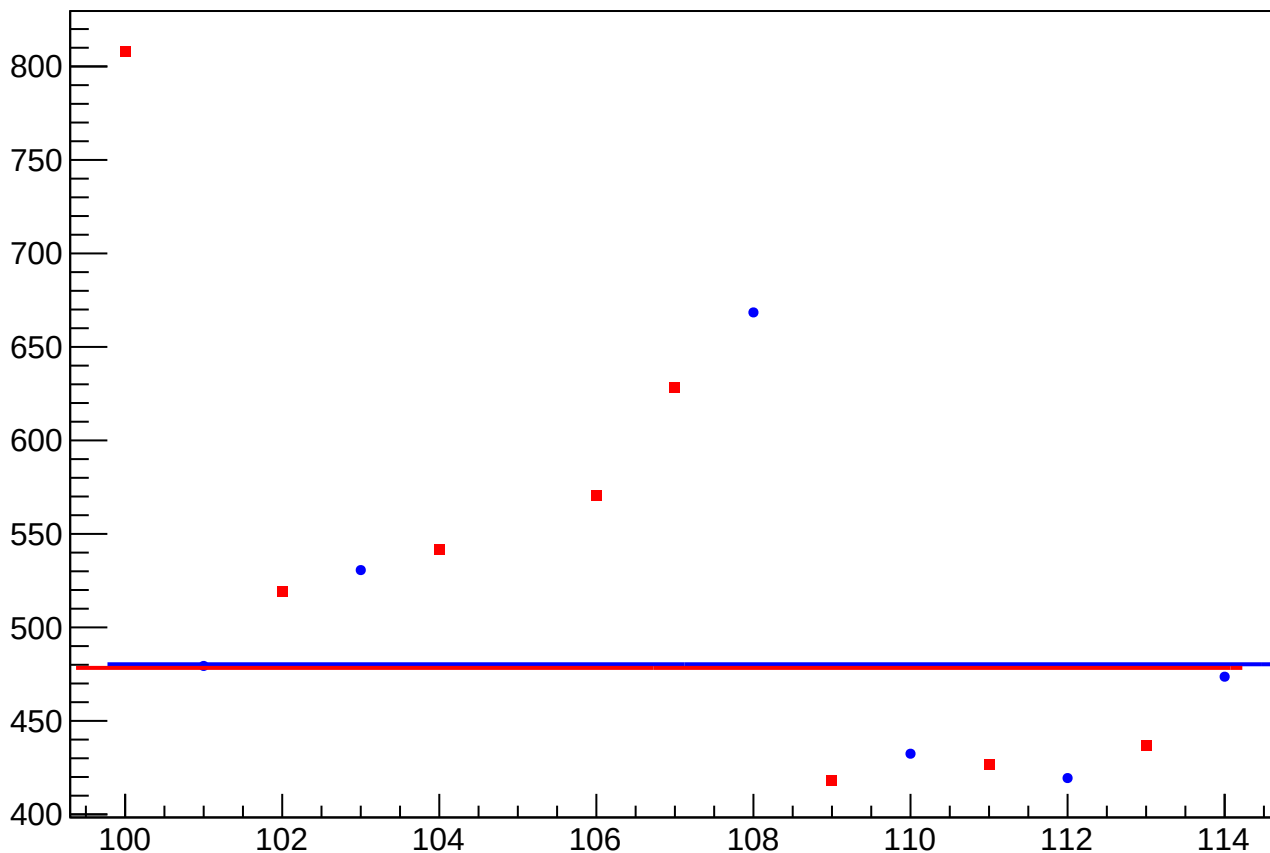
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -202.950 $\pm$ 200.661 χ^2 /NDF: 17.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 480.279 $\pm$ 0.211 χ^2 /NDF: 103450.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 478.346 $\pm$ 0.192 χ^2 /NDF: 130337.5/7

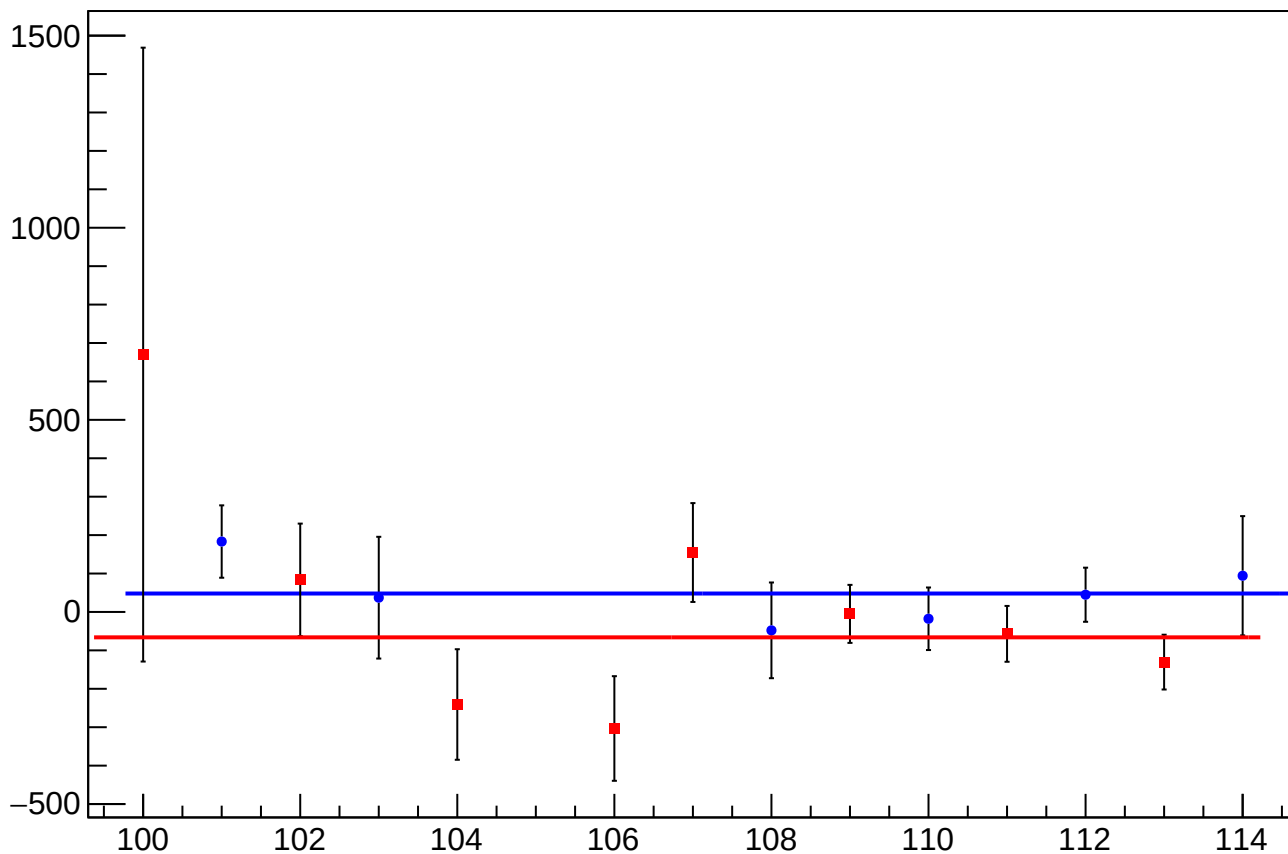
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 479.219 $\pm$ 0.142 χ^2 /NDF: 233833.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 47.977+/-40.454 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.109+/-35.980 χ^2/NDF : 10.8/7

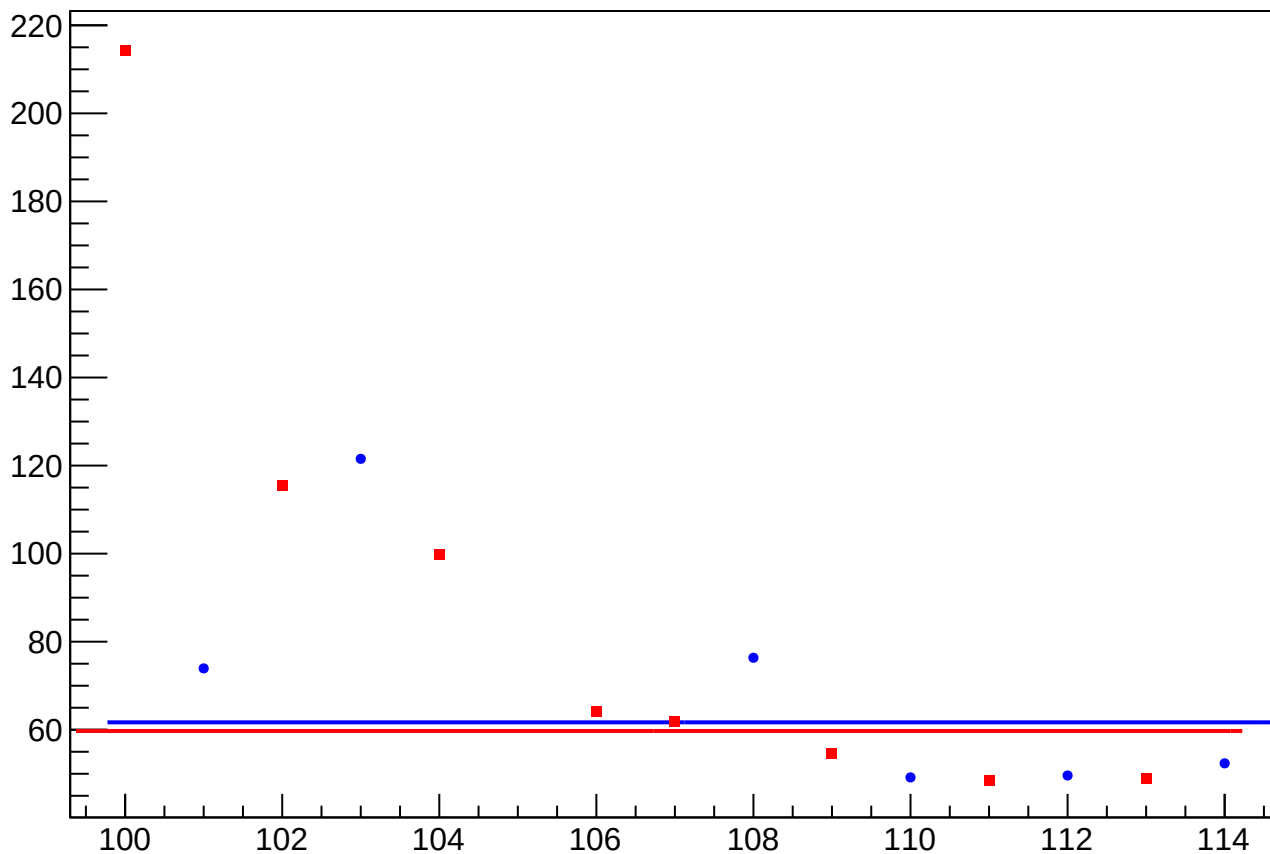
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.721+/-26.885 χ^2/NDF : 18.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 61.687 $\pm$ 0.029 χ^2 /NDF: 460080.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.721 $\pm$ 0.025 χ^2 /NDF: 627061.6/7

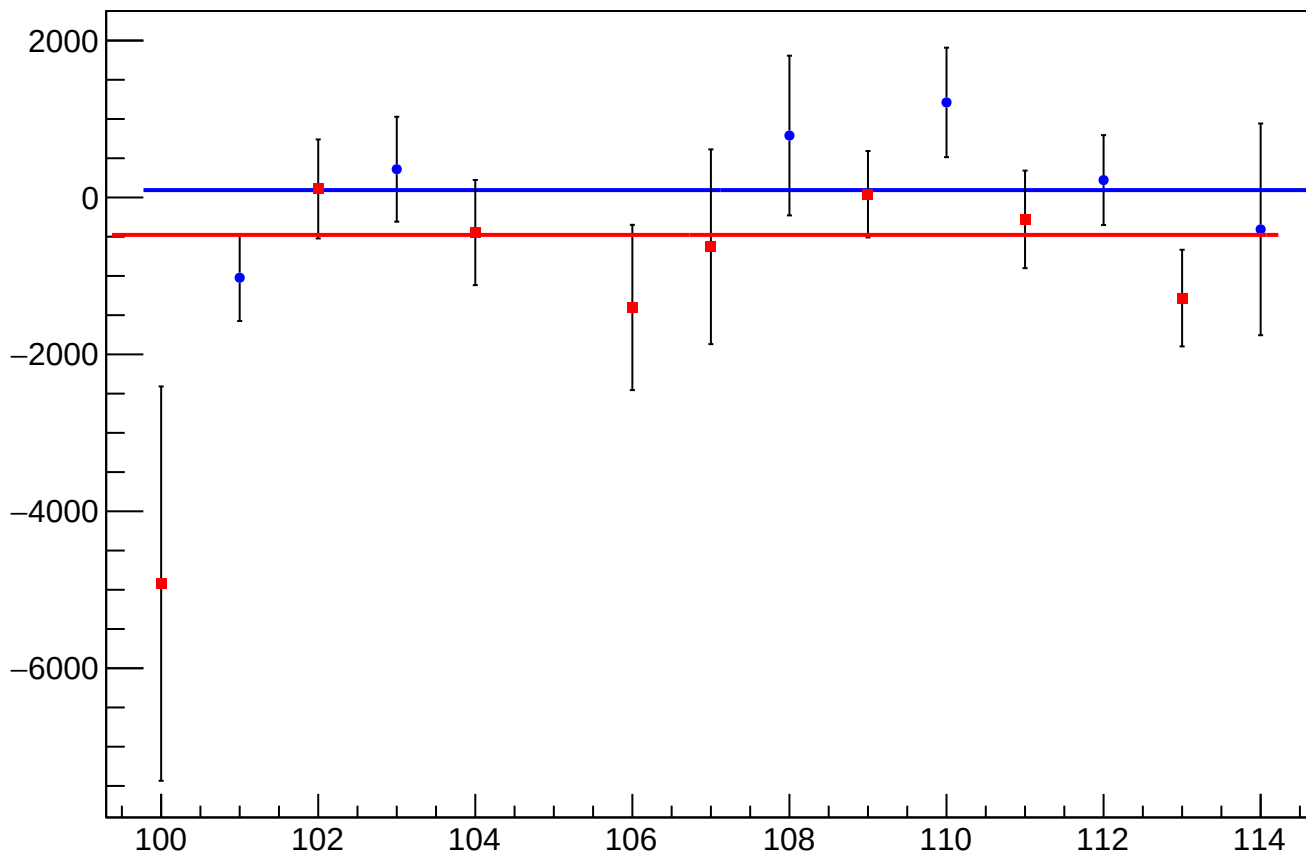
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.589 $\pm$ 0.019 χ^2 /NDF: 1089781.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: 93.903+/-286.974 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -477.003+/-258.451 χ^2/NDF : 7.5/7

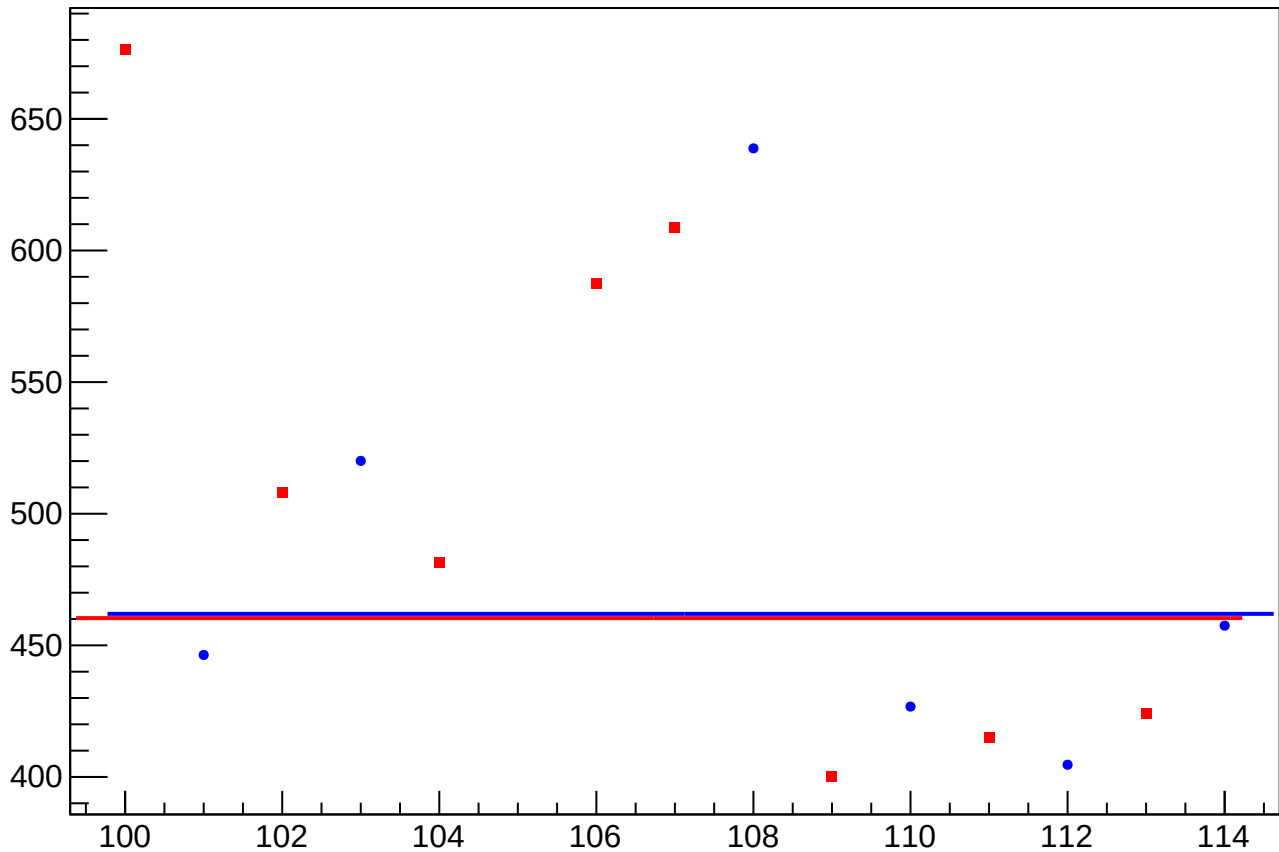
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.324+/-192.047 χ^2/NDF : 17.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 461.970+/-0.203 χ^2/NDF : 102229.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.346+/-0.183 χ^2/NDF : 127490.7/7

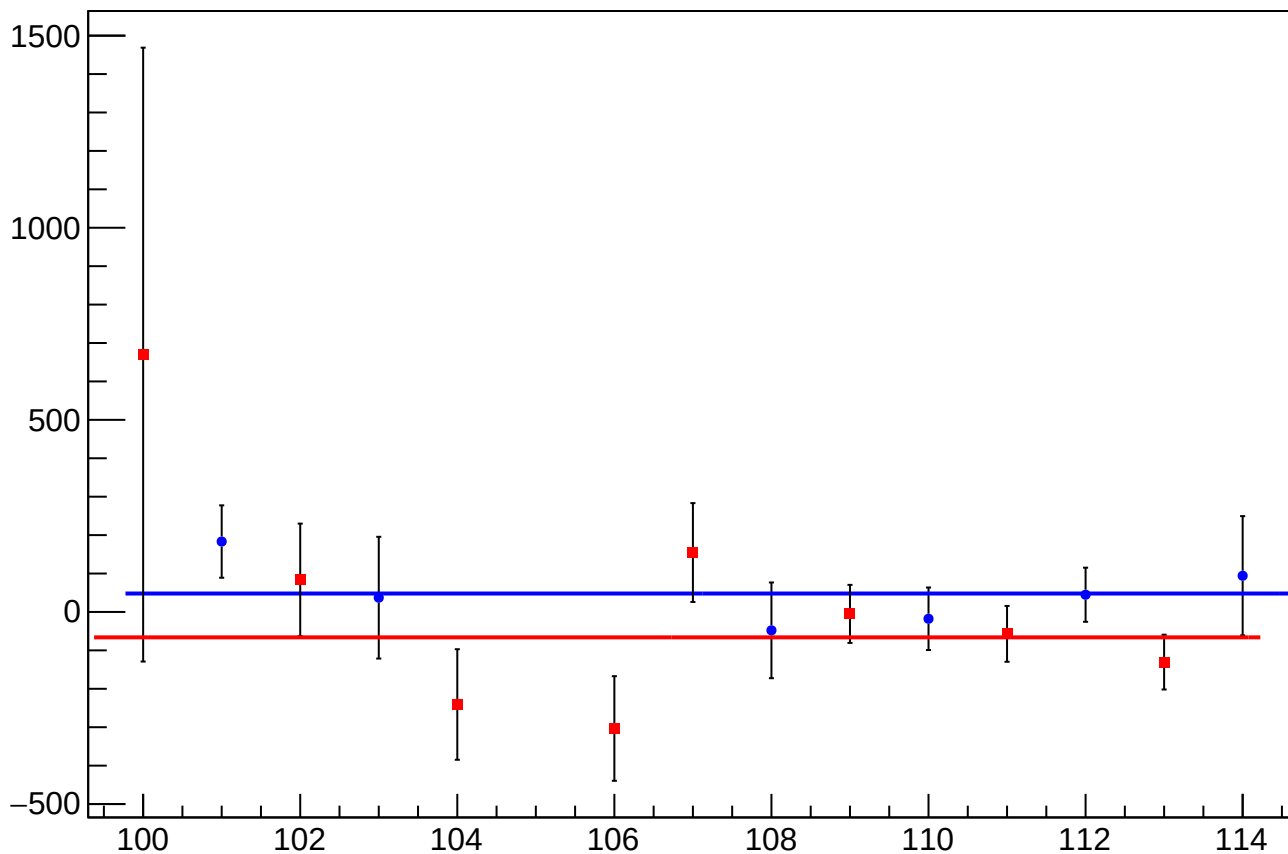
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.073+/-0.136 χ^2/NDF : 229755.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: 47.977 $\pm$ 40.454 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.108 $\pm$ 35.980 χ^2 /NDF: 10.8/7

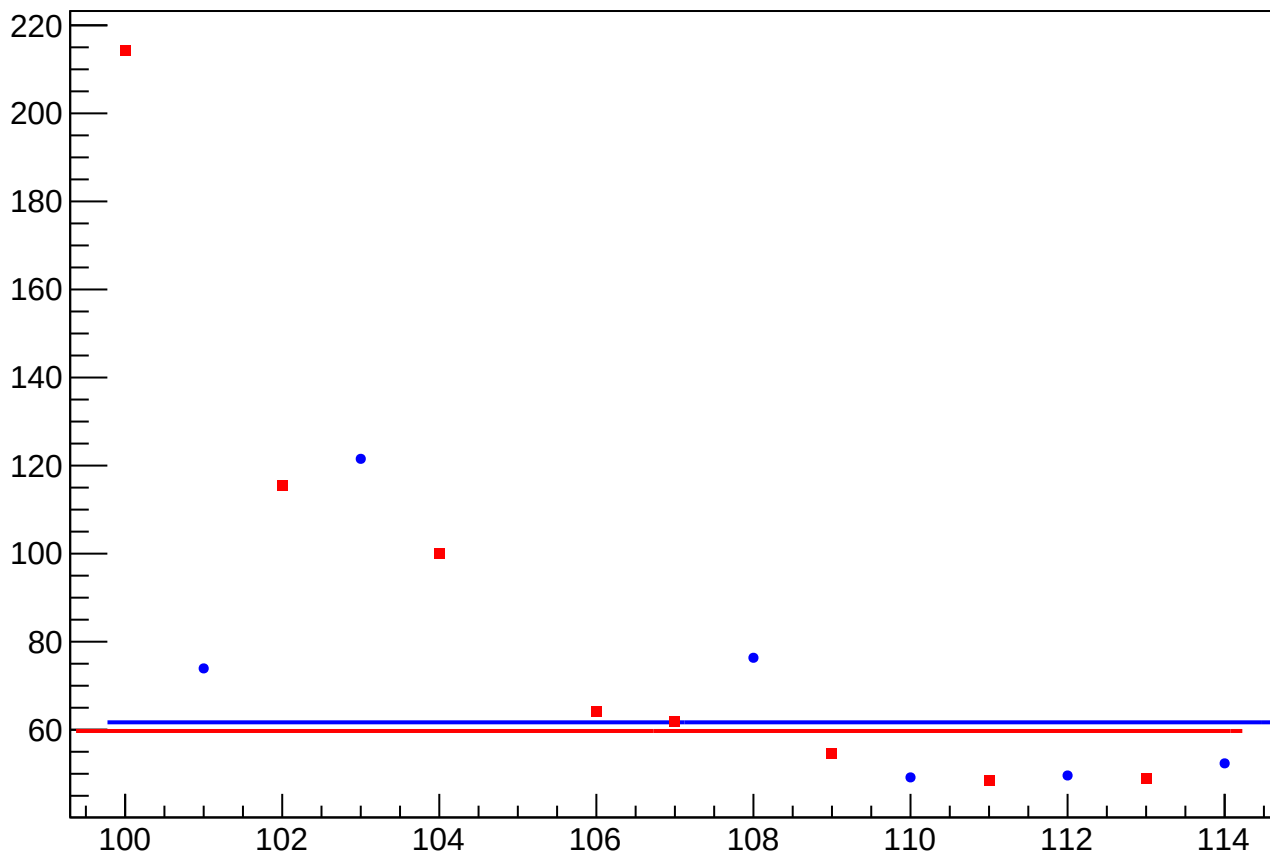
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.721 $\pm$ 26.885 χ^2 /NDF: 18.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 61.688 $\pm$ 0.029 χ^2 /NDF: 460080.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.721 $\pm$ 0.025 χ^2 /NDF: 627062.9/7

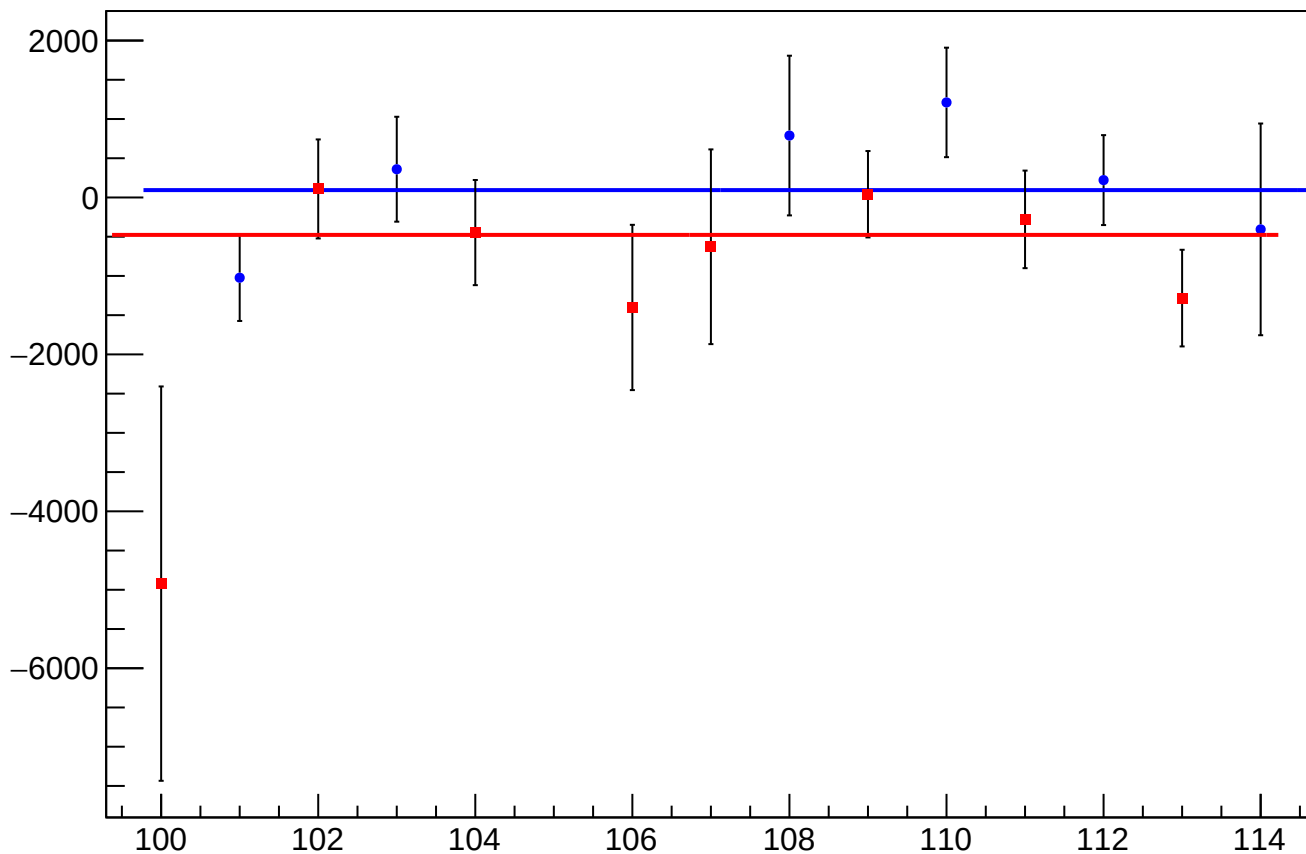
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.590 $\pm$ 0.019 χ^2 /NDF: 1089782.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: 93.903+/-286.973 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -477.002+/-258.450 χ^2/NDF : 7.5/7

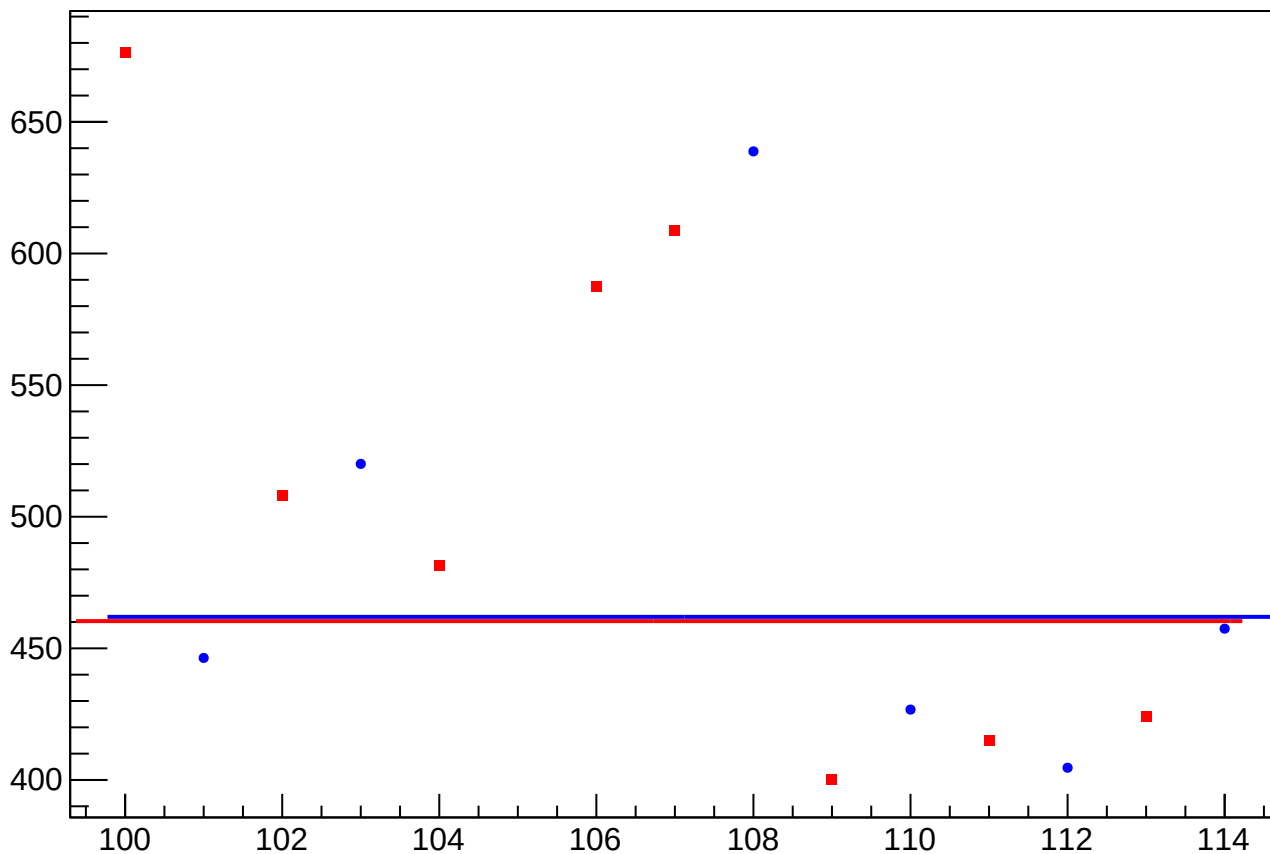
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.323+/-192.046 χ^2/NDF : 17.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



Right In: 461.968 $\pm$ 0.203 χ^2 /NDF: 102230.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 460.345 $\pm$ 0.183 χ^2 /NDF: 127490.6/7

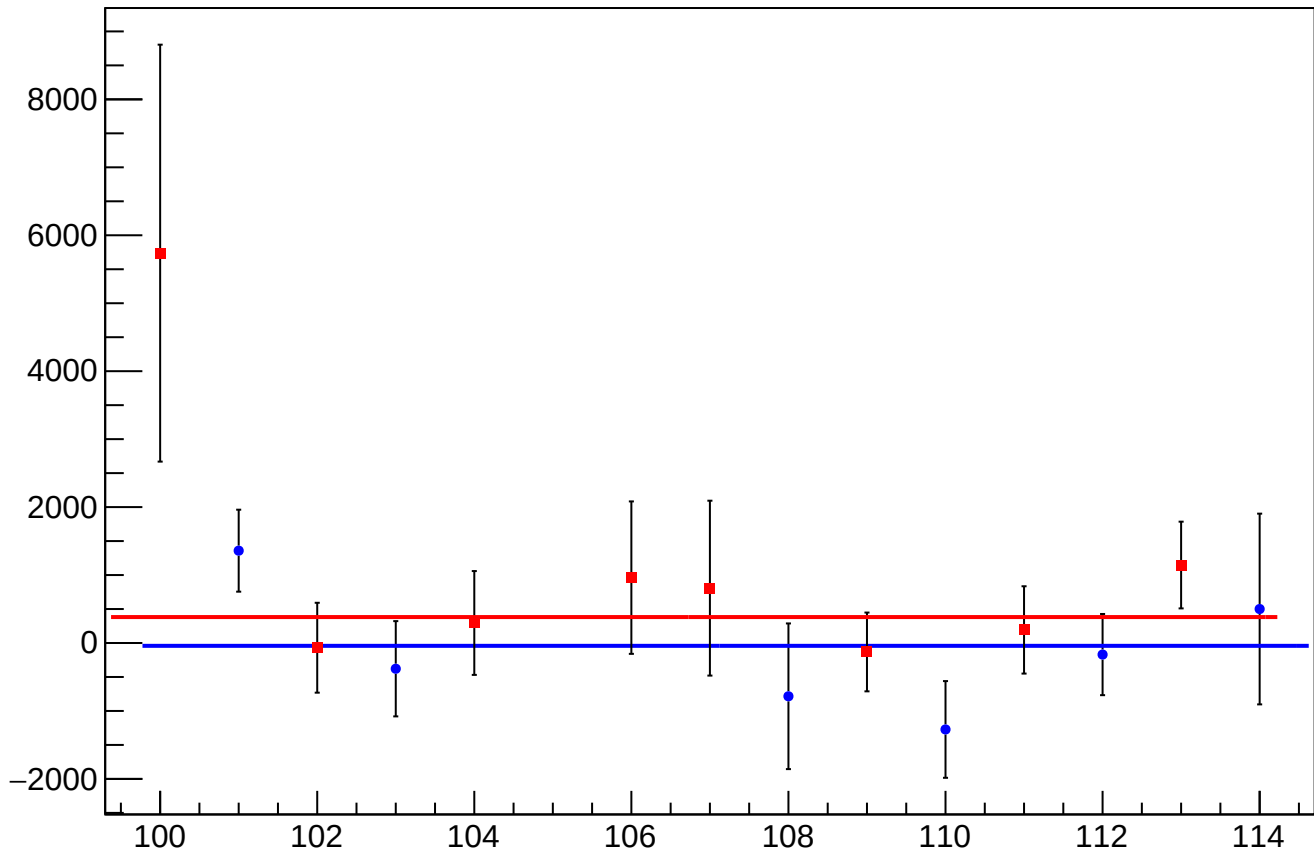
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 461.072 $\pm$ 0.136 χ^2 /NDF: 229756.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug



Right In: -41.603 ± 302.348 χ^2/NDF : 9.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 381.715 ± 273.599 χ^2/NDF : 6.2/7

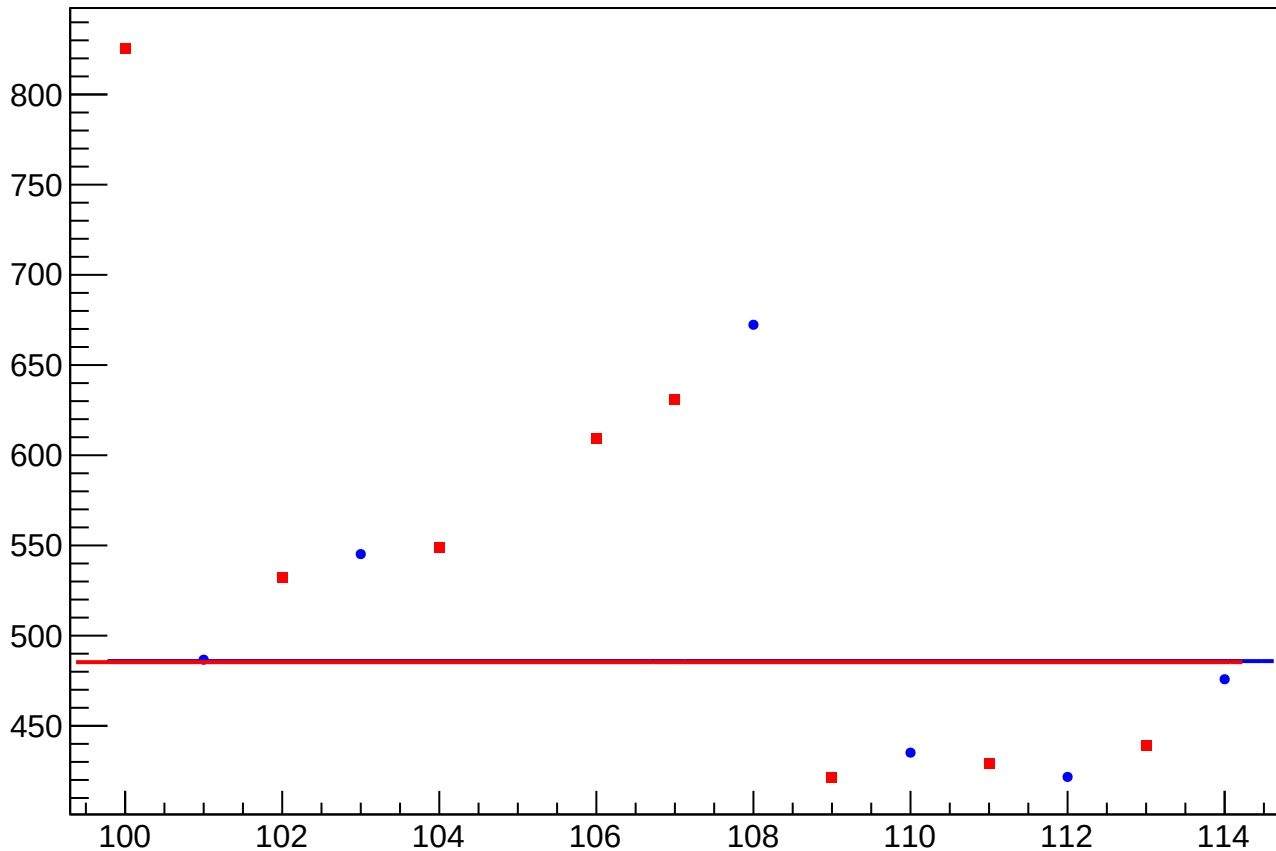
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 191.134 ± 202.868 χ^2/NDF : 16.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 485.885 $\pm$ 0.214 χ^2 /NDF: 108220.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 485.319 $\pm$ 0.193 χ^2 /NDF: 148754.1/7

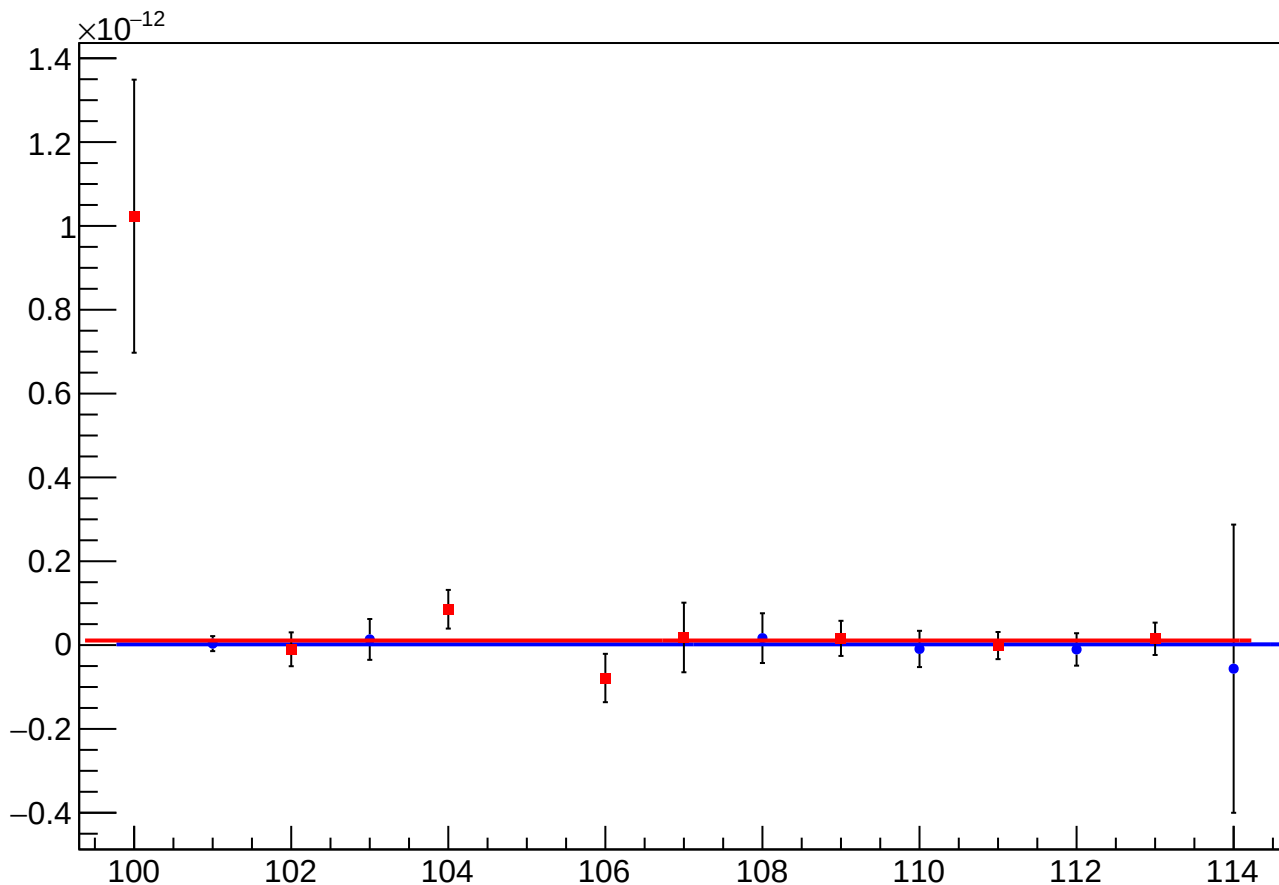
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 485.574 $\pm$ 0.143 χ^2 /NDF: 256978.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/7

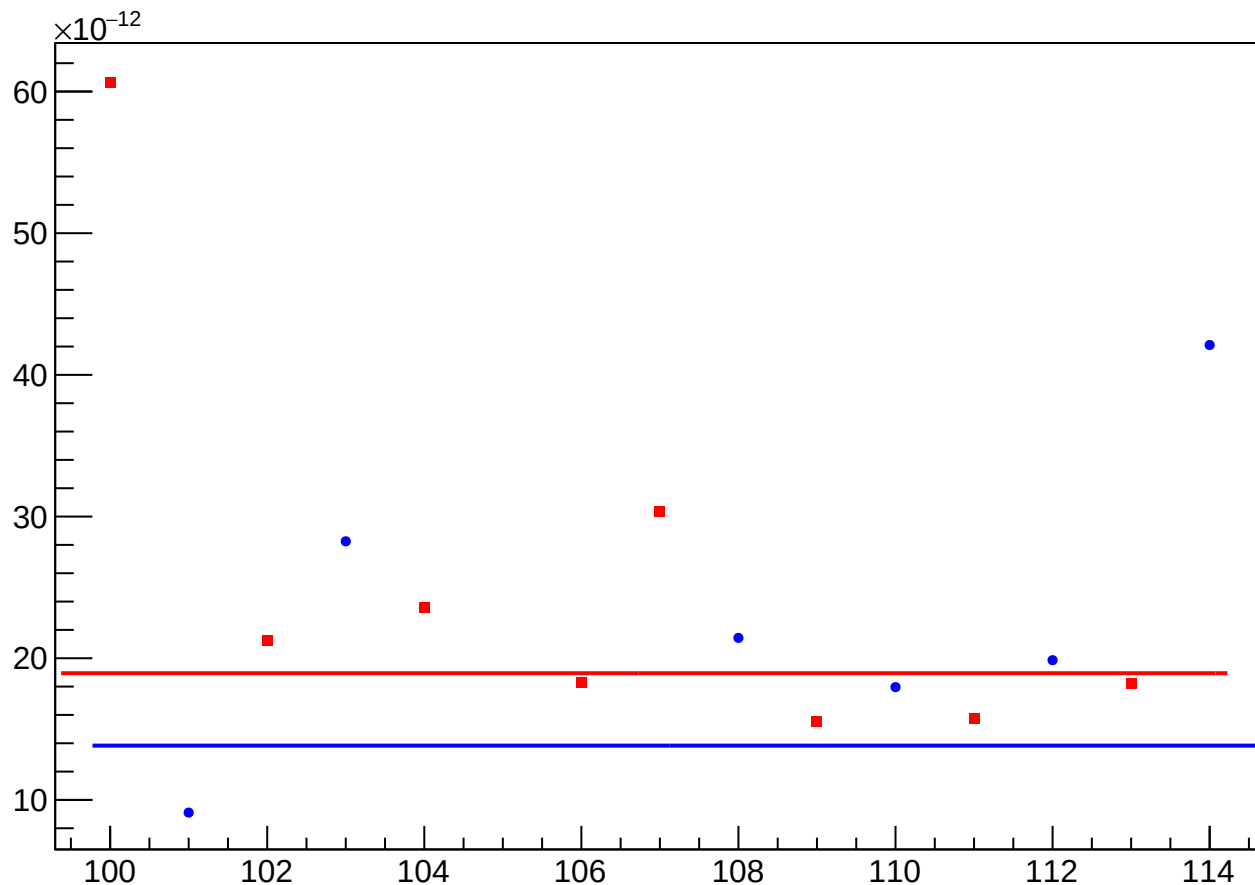
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 427511.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 131185.2/7

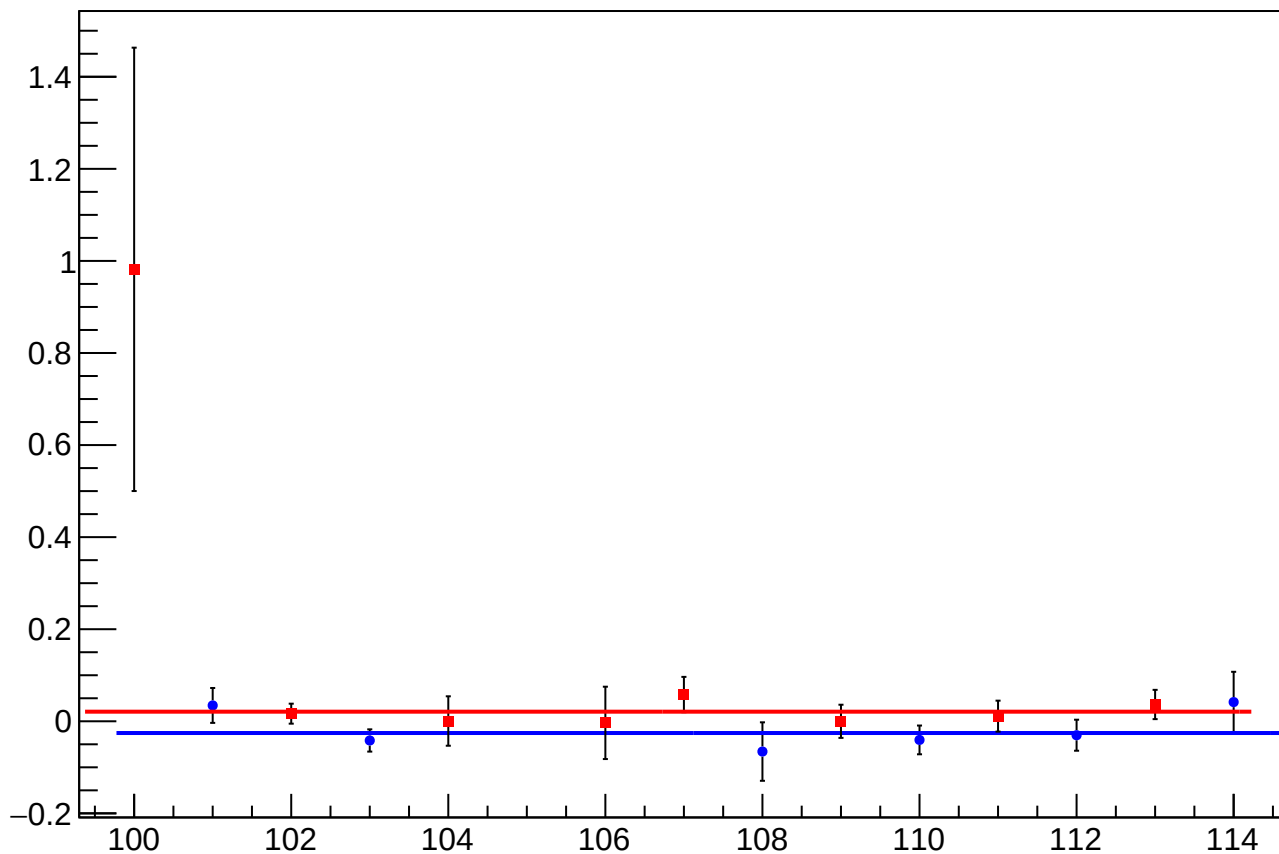
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 670628.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.014 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.013 χ^2 /NDF: 5.9/7

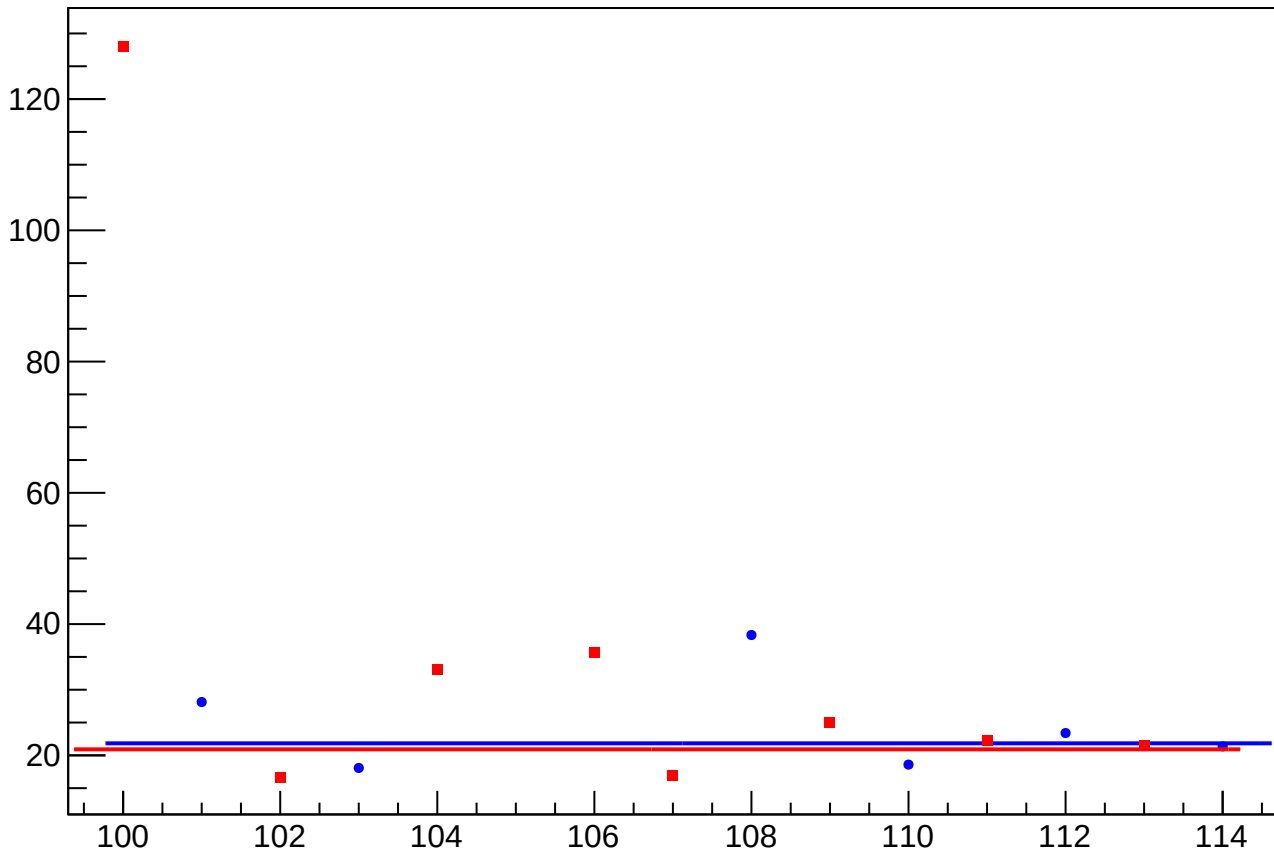
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 16.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 21.831+/-0.010 χ^2/NDF : 264396.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.916+/-0.009 χ^2/NDF : 403420.7/7

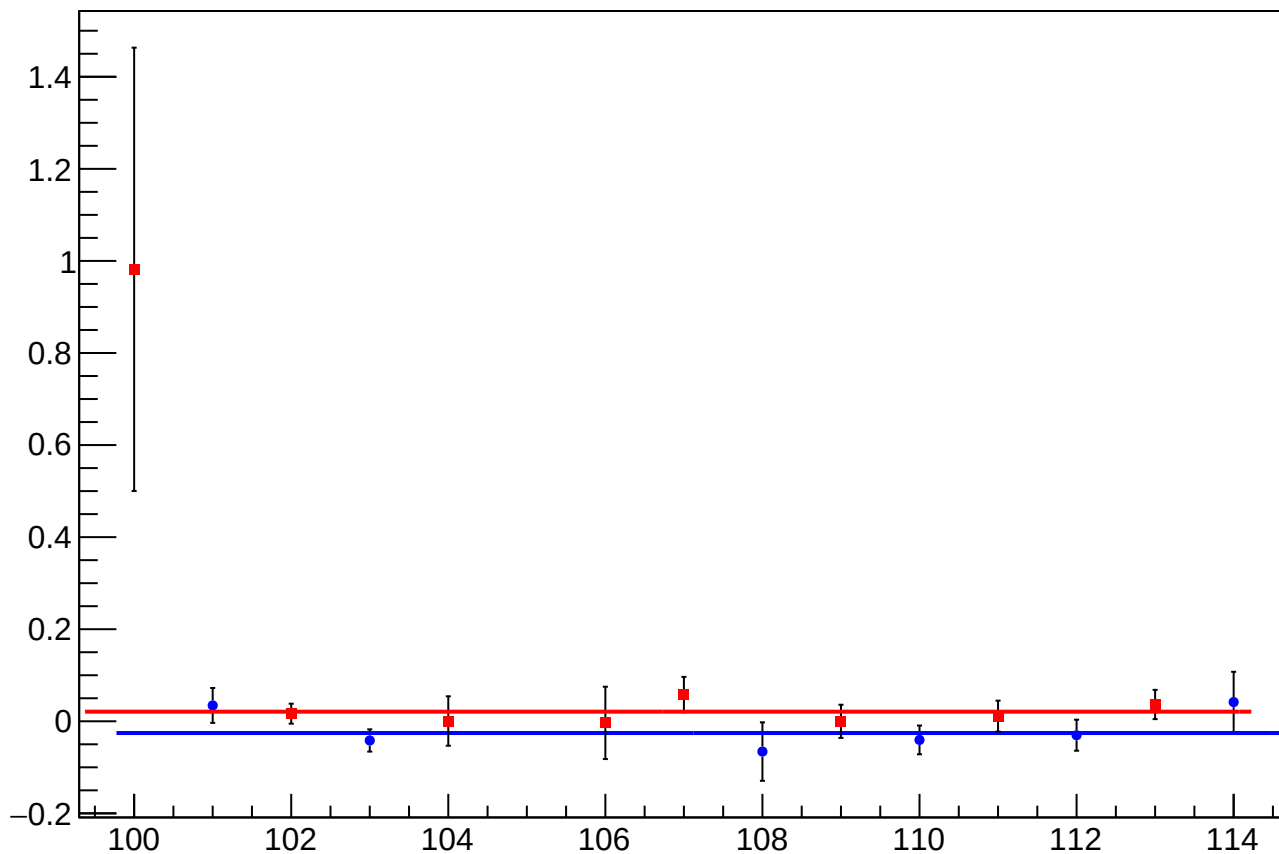
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.324+/-0.007 χ^2/NDF : 672273.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.014 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.013 χ^2 /NDF: 5.9/7

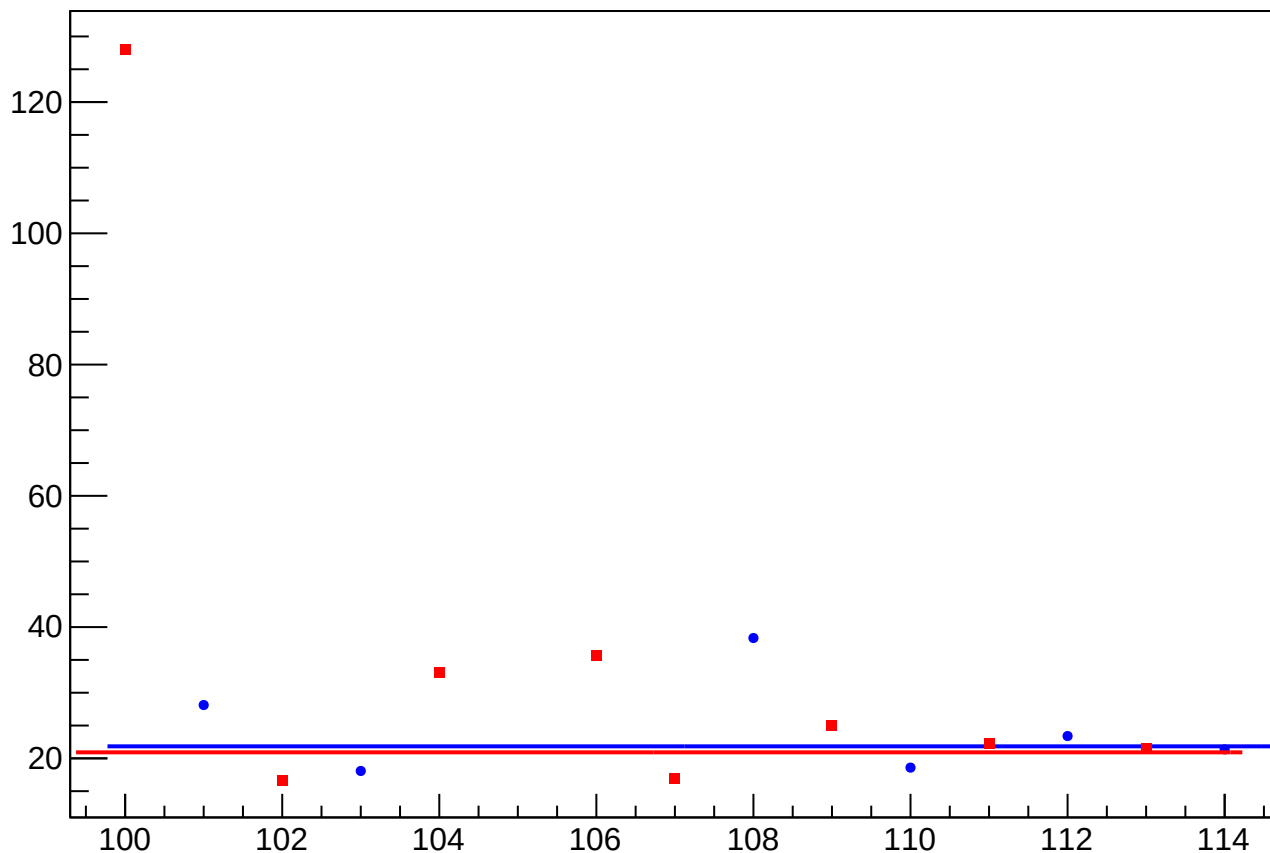
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 16.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.831 $\pm$ 0.010 χ^2 /NDF: 264396.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.916 $\pm$ 0.009 χ^2 /NDF: 403420.7/7

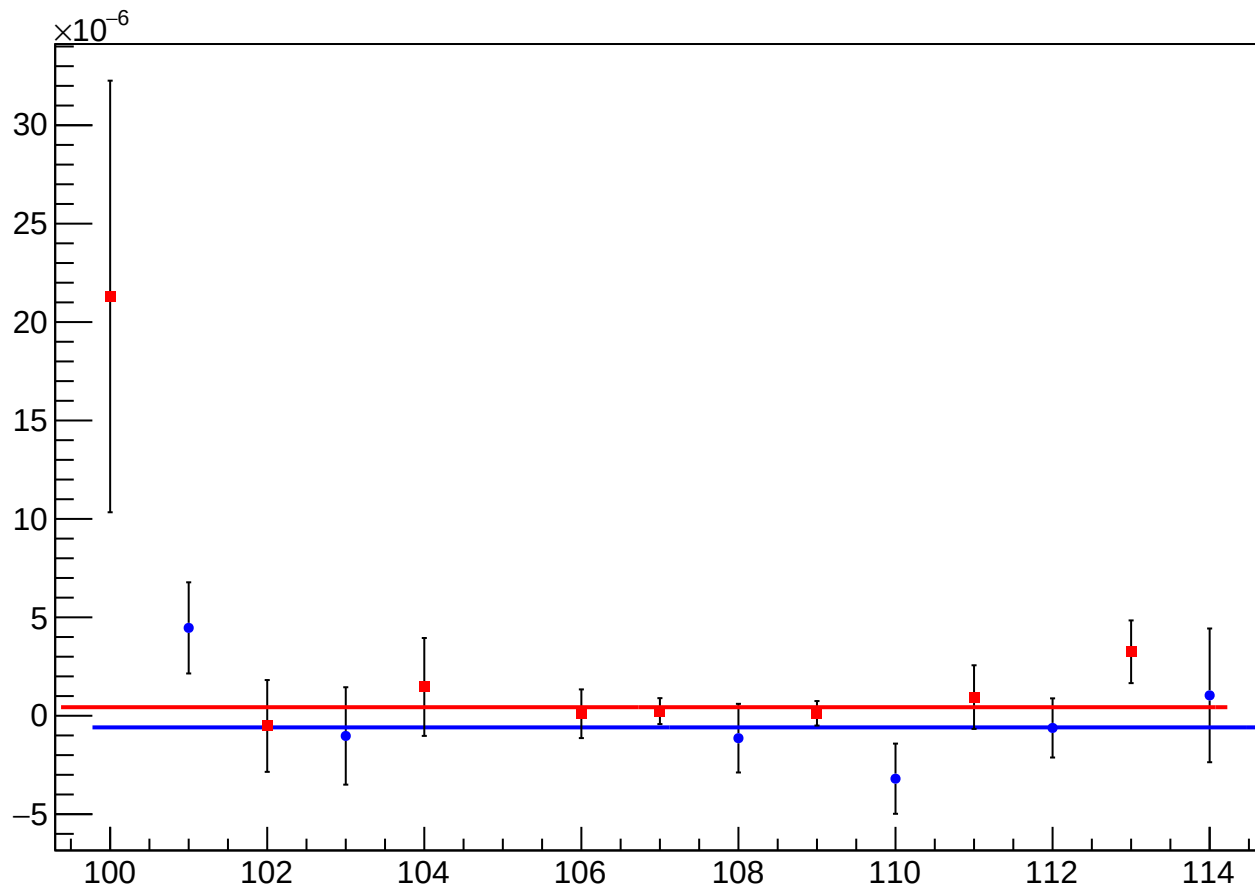
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.324 $\pm$ 0.007 χ^2 /NDF: 672273.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/7

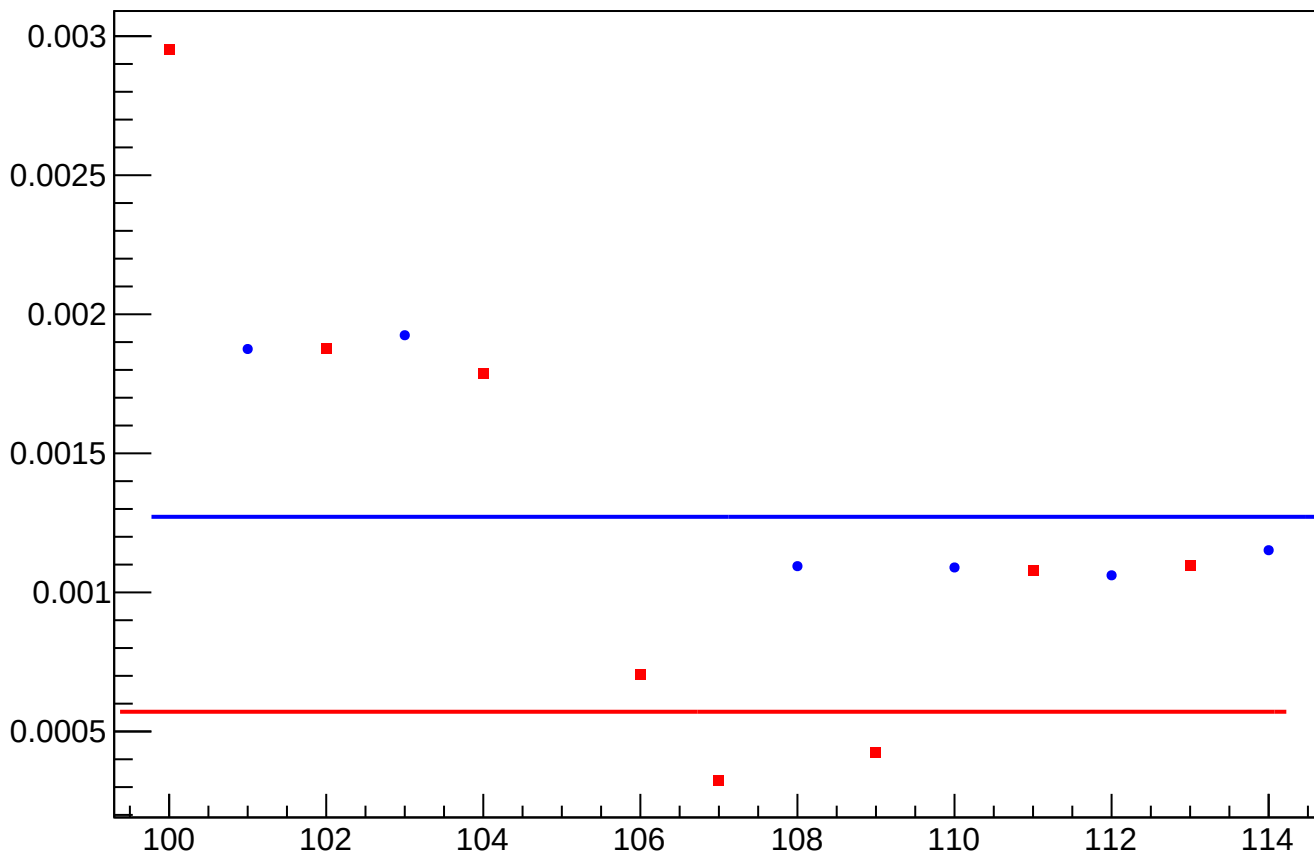
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 358301.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2031800.2/7

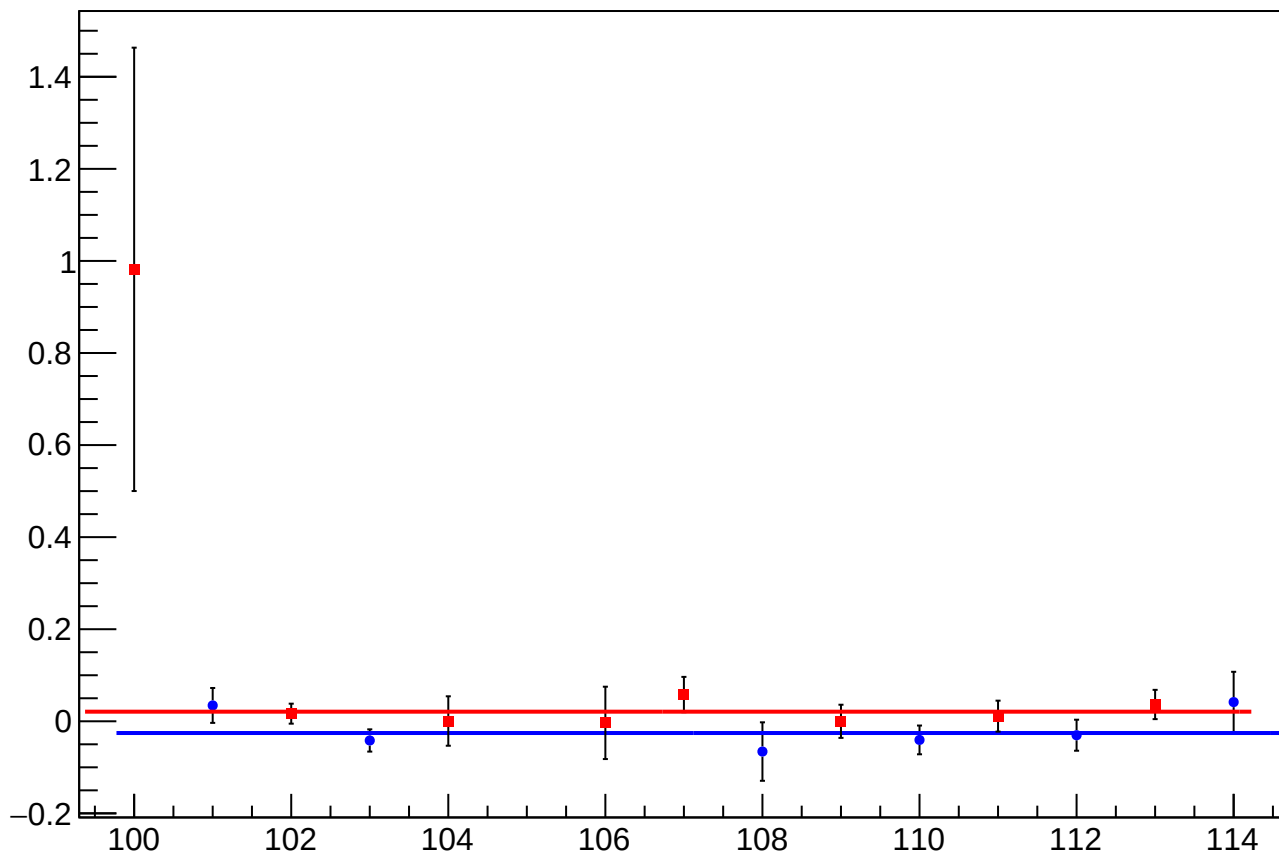
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3608214.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.014 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.013 χ^2 /NDF: 5.9/7

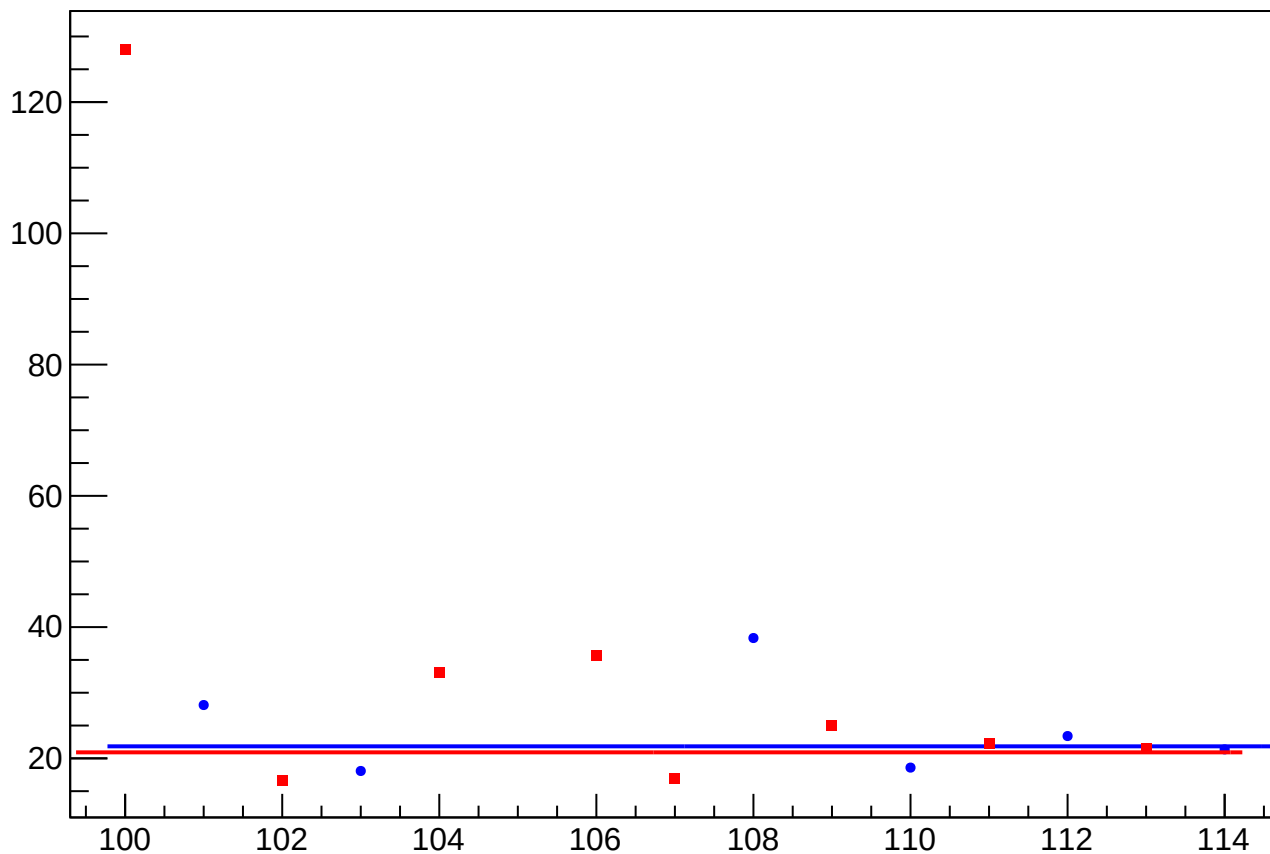
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 16.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.832 $\pm$ 0.010 χ^2 /NDF: 264400.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.916 $\pm$ 0.009 χ^2 /NDF: 403424.4/7

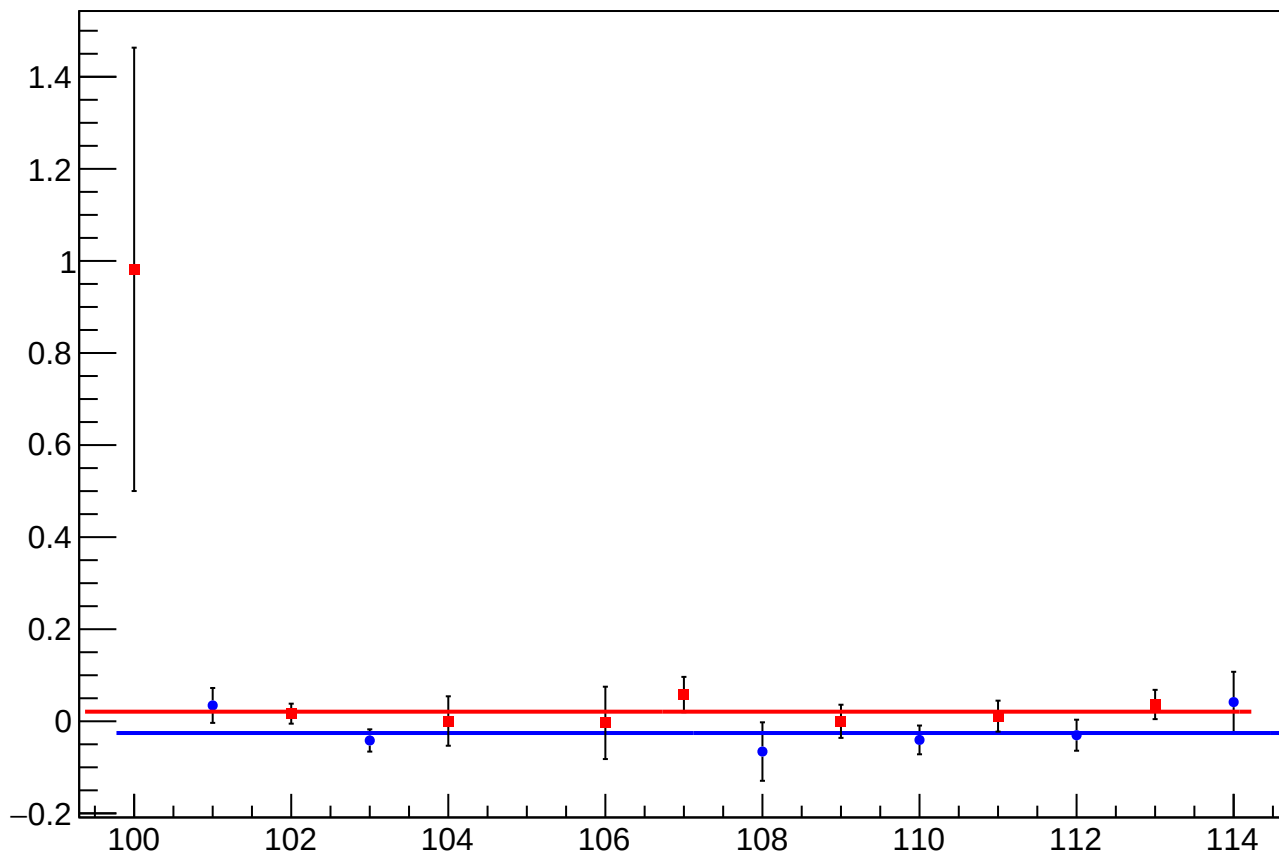
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.324 $\pm$ 0.007 χ^2 /NDF: 672281.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 ± 0.014 χ^2/NDF : 4.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.013 χ^2/NDF : 5.9/7

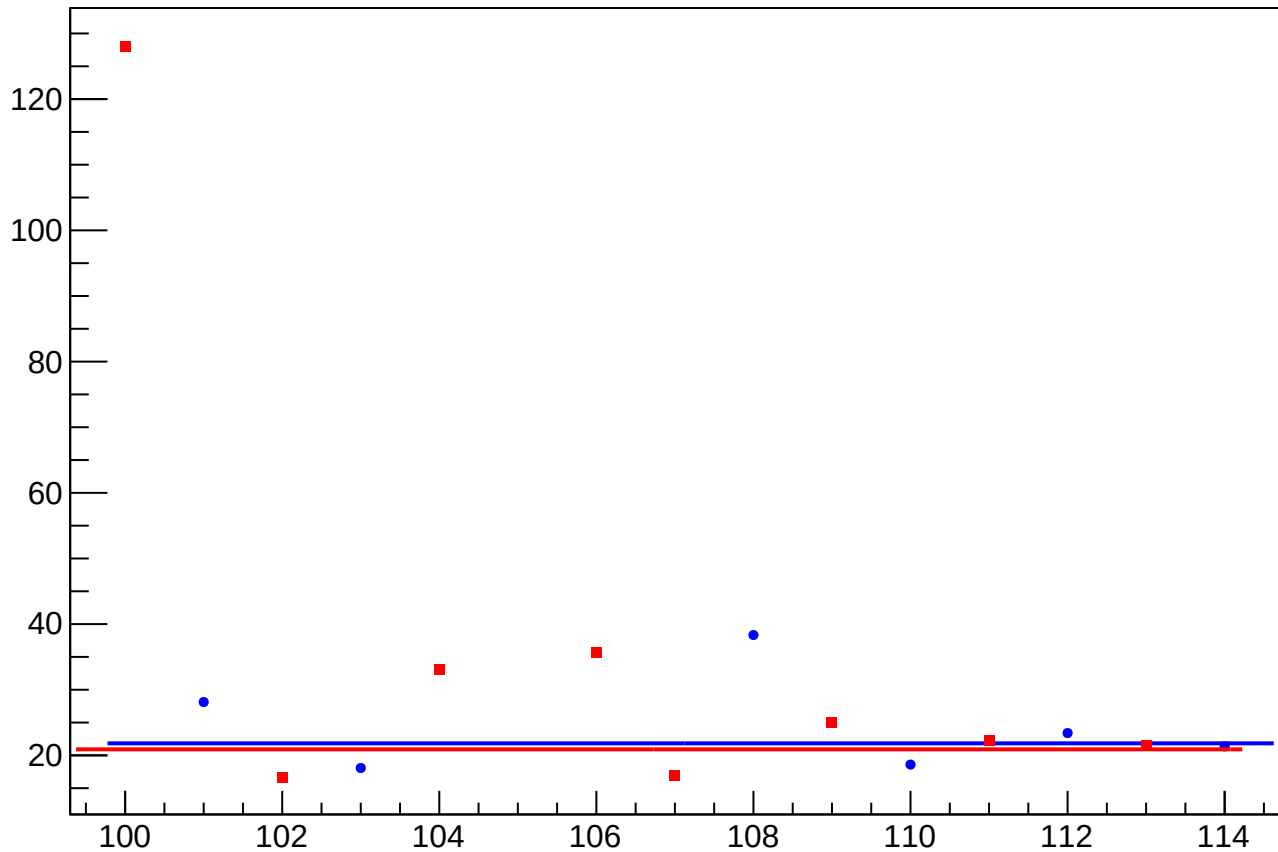
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.010 χ^2/NDF : 16.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.832+/-0.010 χ^2 /NDF: 264400.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 20.916+/-0.009 χ^2 /NDF: 403424.4/7

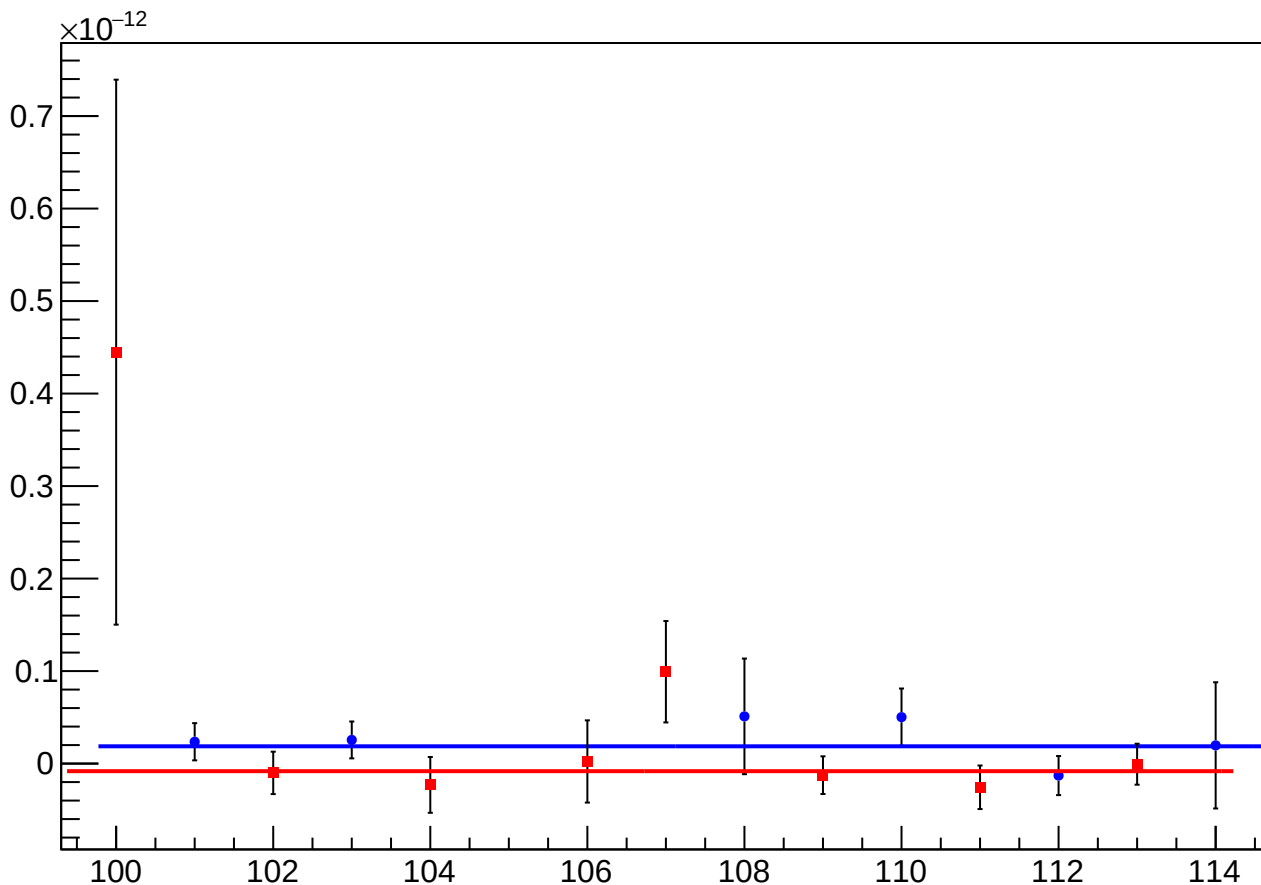
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 21.324+/-0.007 χ^2 /NDF: 672281.0/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.2/7

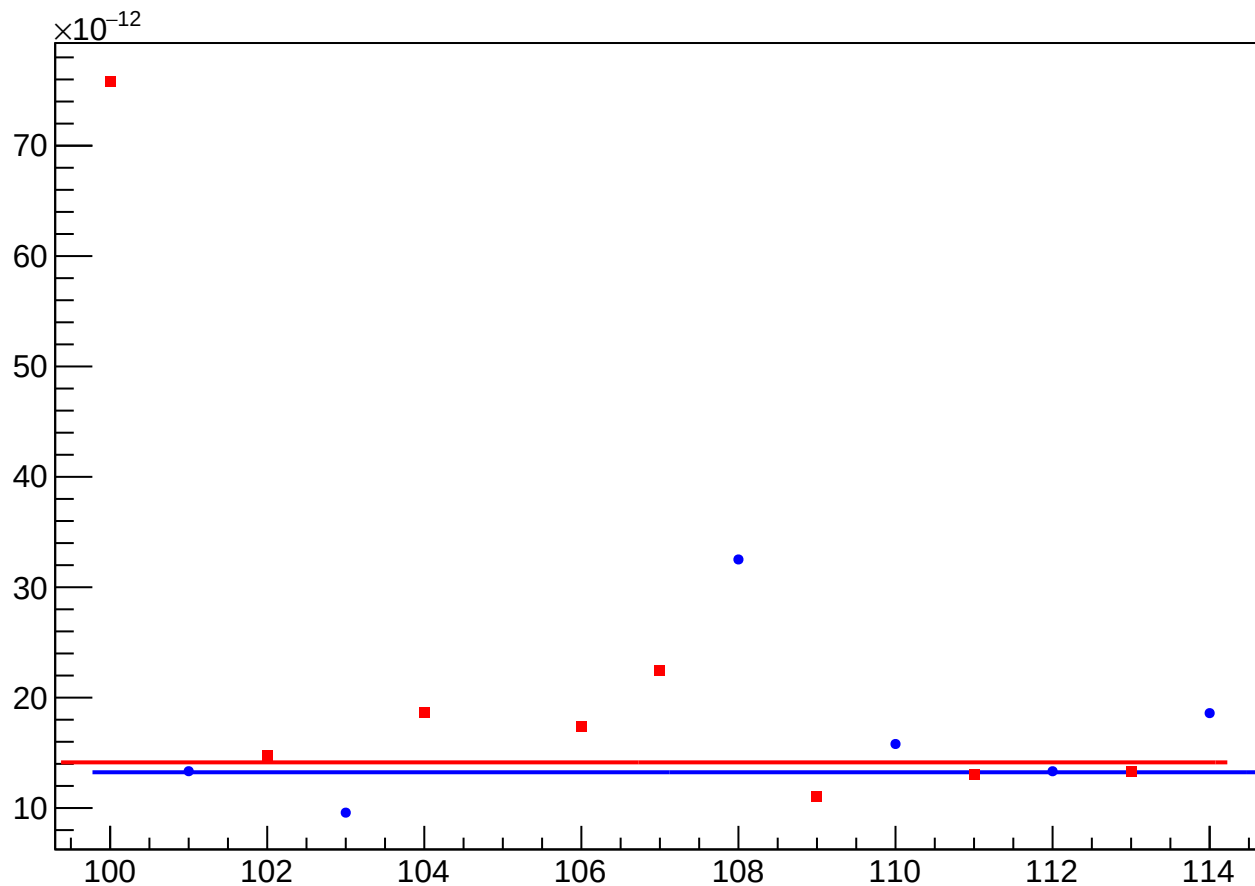
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 283869.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 242748.5/7

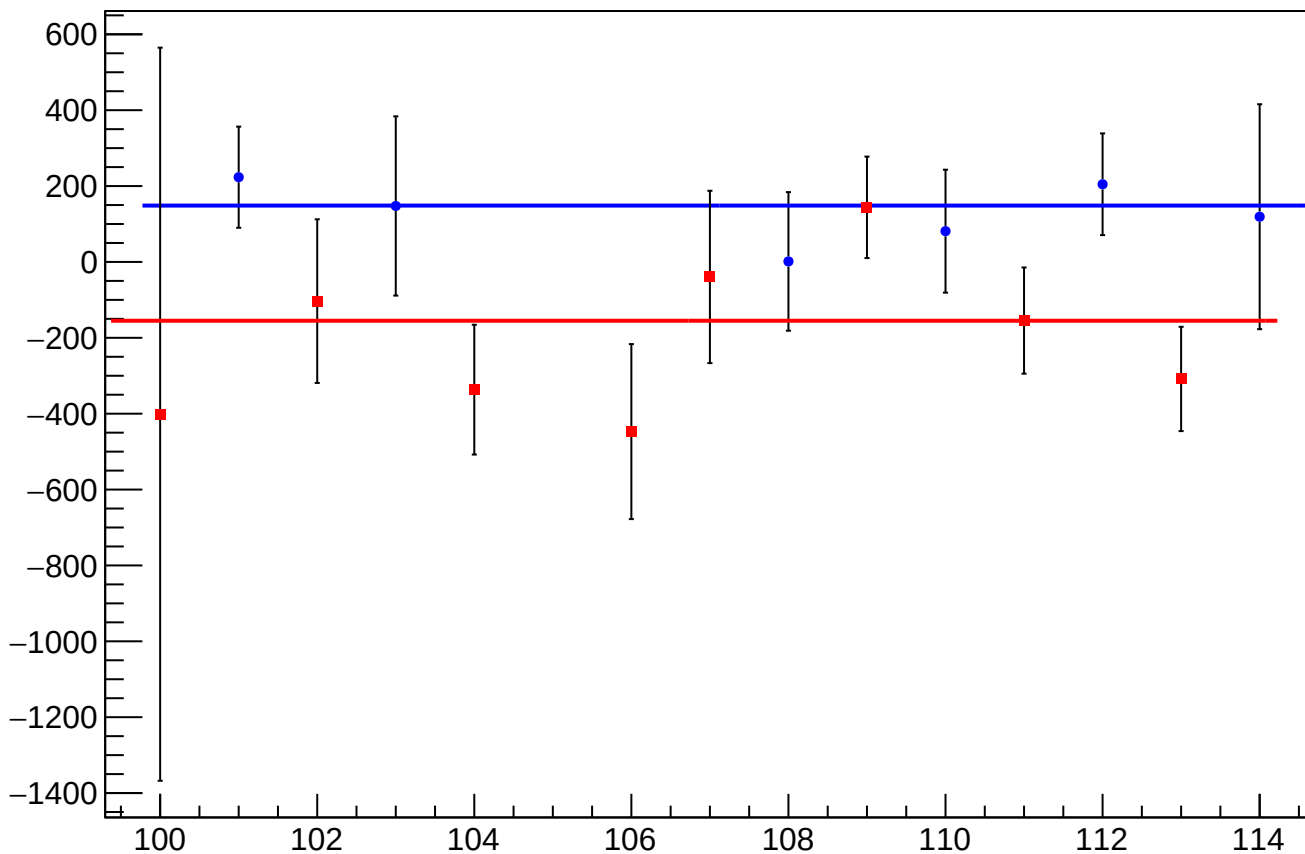
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 534152.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: 148.565 $\pm$ 69.129 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -154.991 $\pm$ 62.651 χ^2 /NDF: 9.4/7

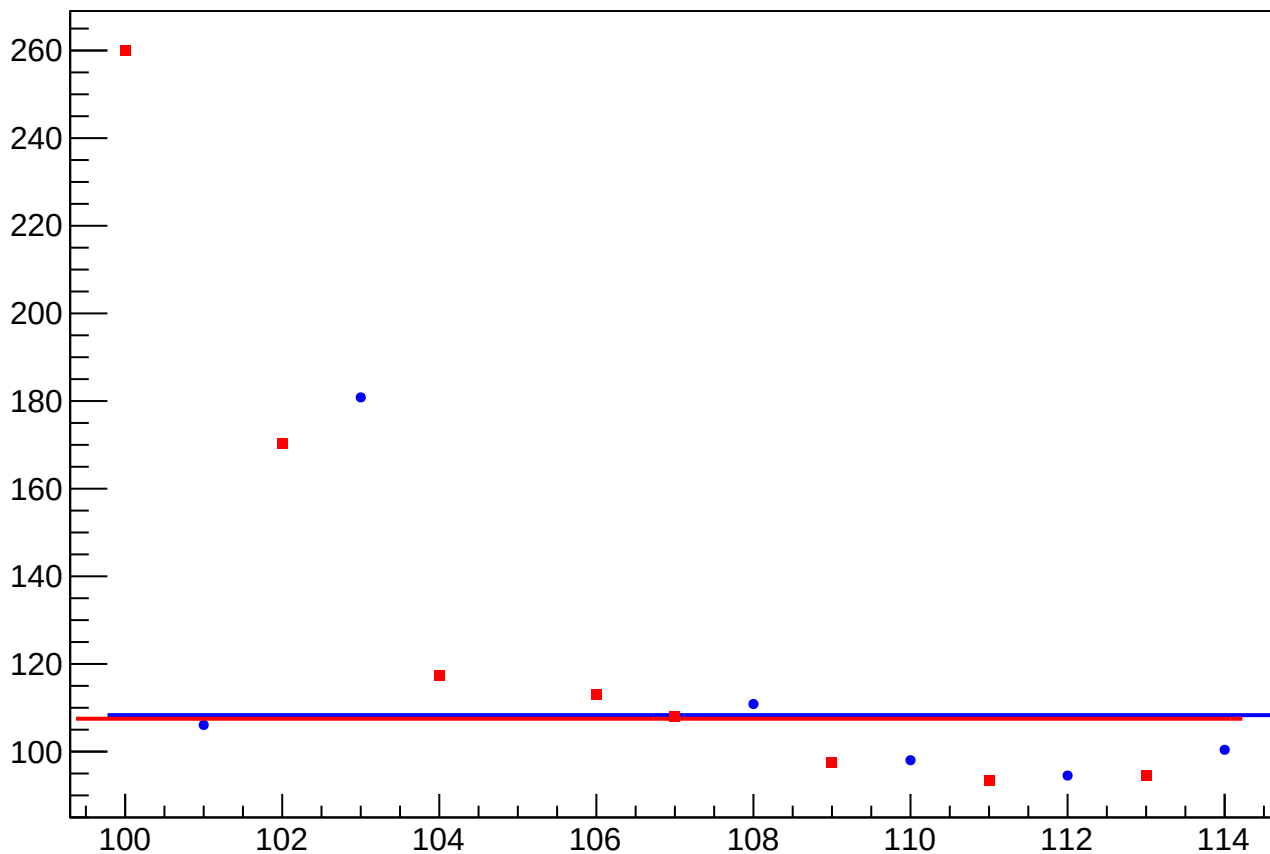
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.097 $\pm$ 46.423 χ^2 /NDF: 21.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 108.318+/-0.049 χ^2/NDF : 220061.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.499+/-0.044 χ^2/NDF : 276599.1/7

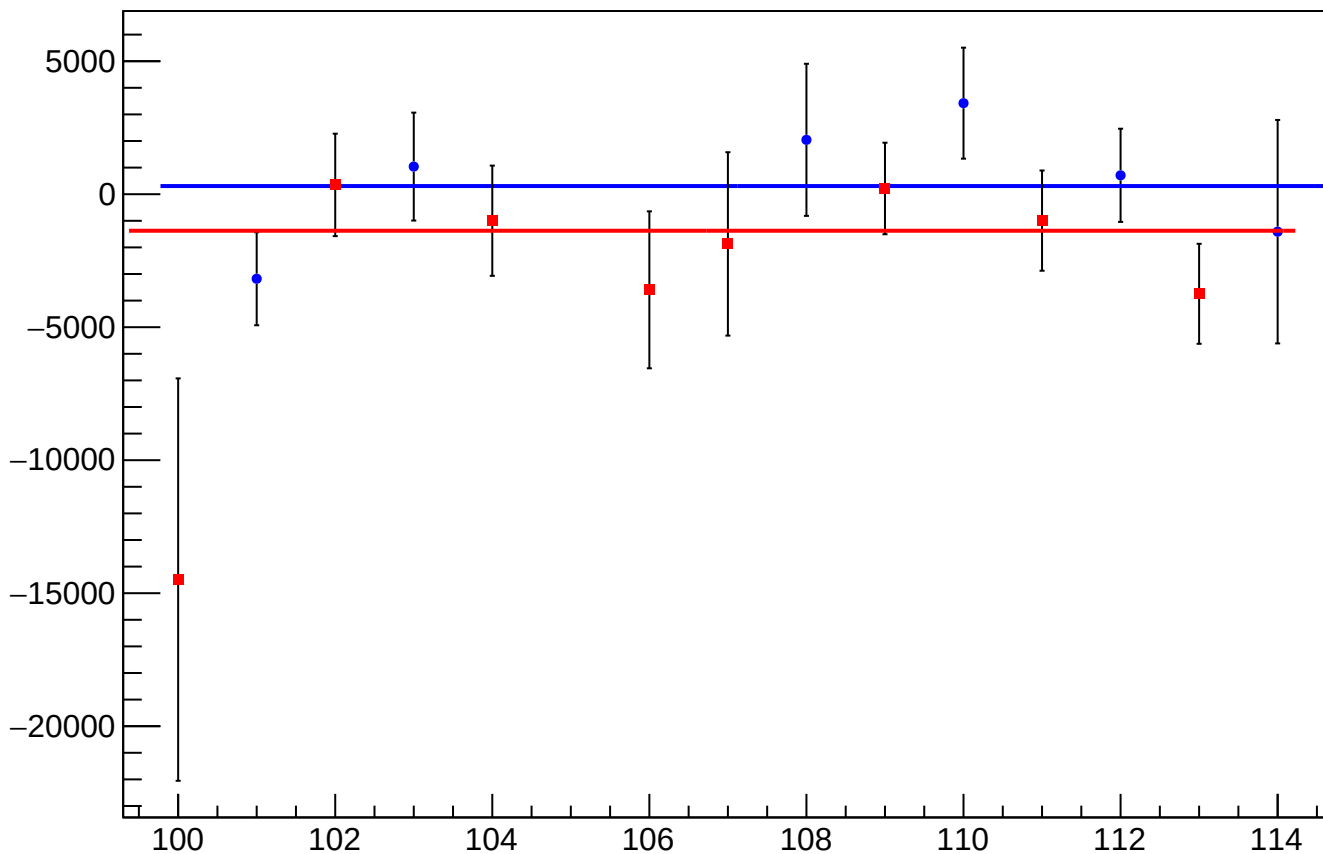
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.868+/-0.033 χ^2/NDF : 496814.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



Right In: 306.307 $\pm$ 875.453 χ^2 /NDF: 6.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1373.849 $\pm$ 785.288 χ^2 /NDF: 6.9/7

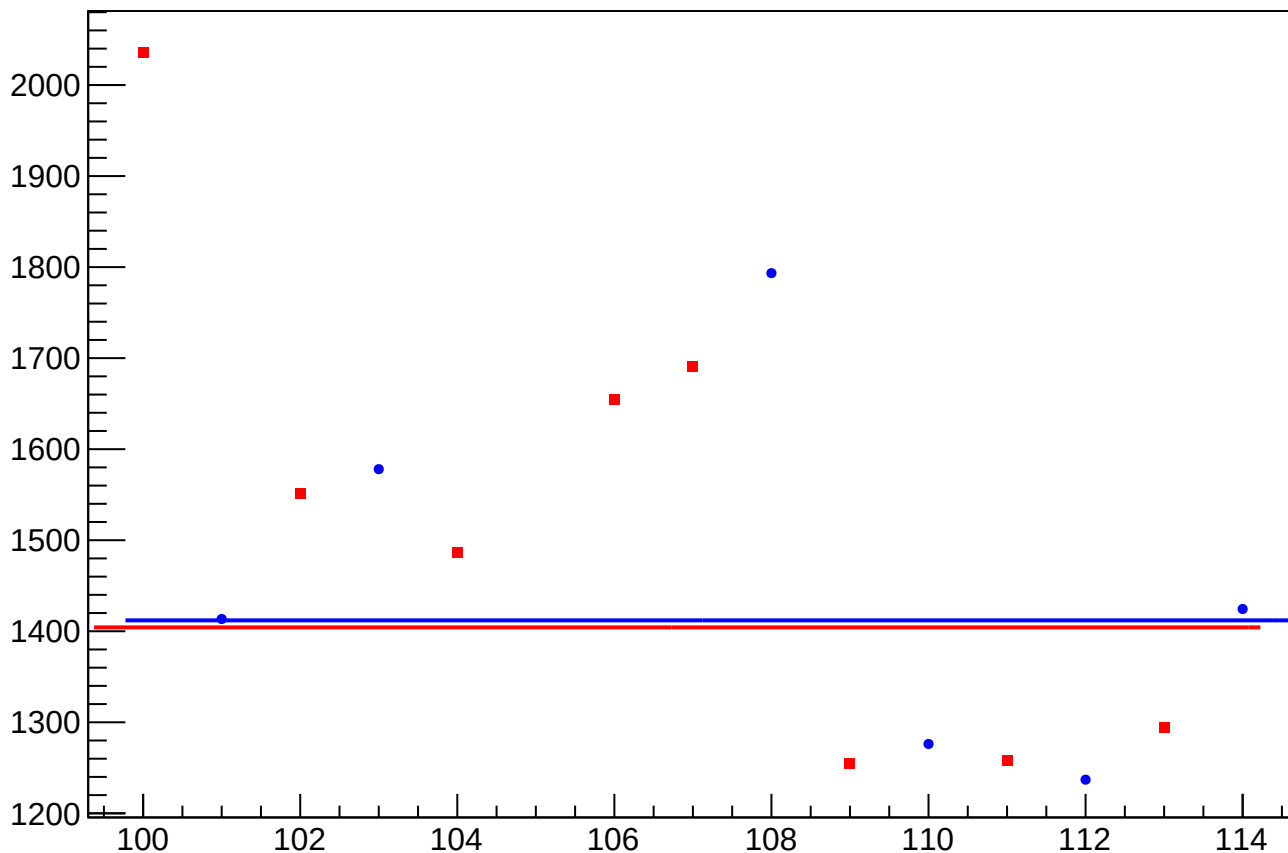
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -624.721 $\pm$ 584.569 χ^2 /NDF: 15.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1411.962+/-0.619 χ^2/NDF : 77432.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1404.254+/-0.555 χ^2/NDF : 90936.6/7

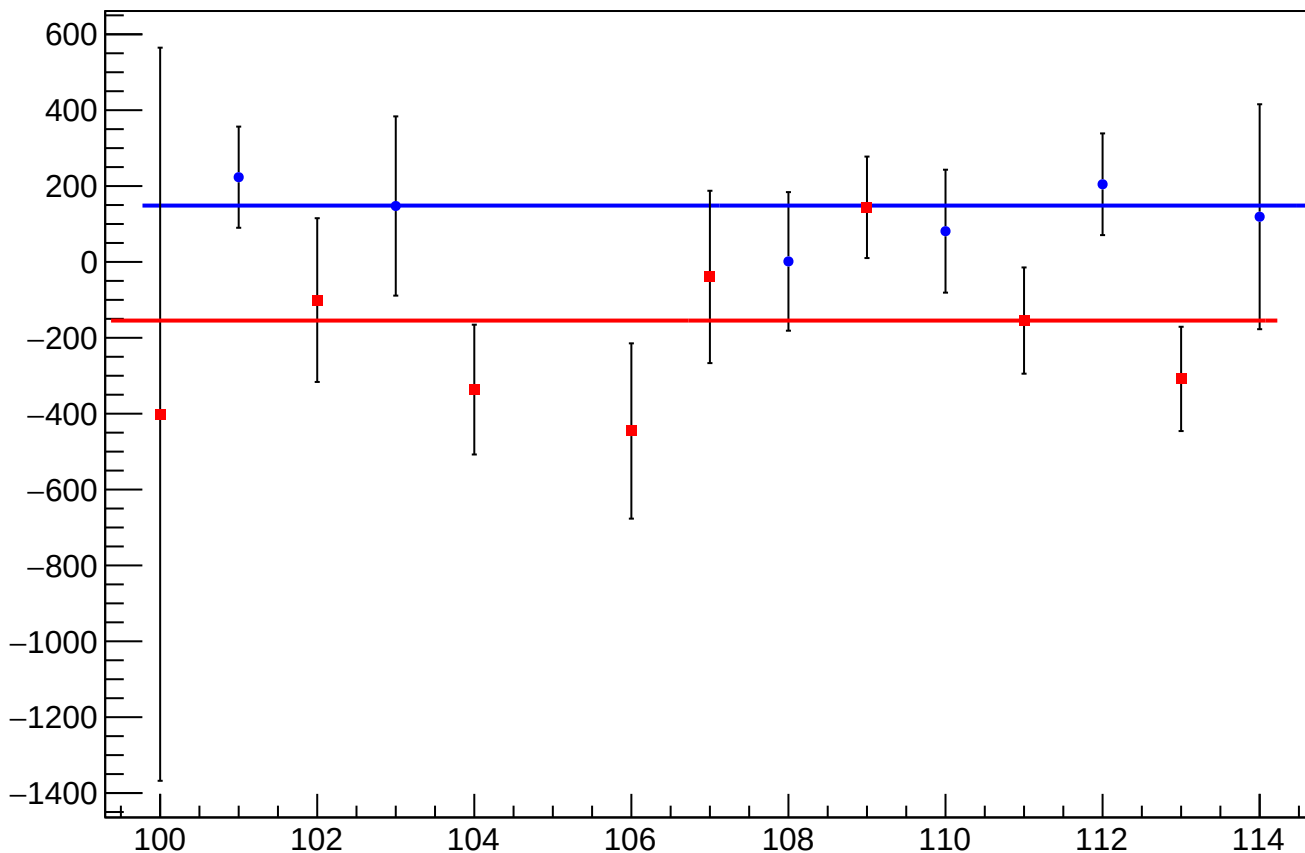
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.691+/-0.413 χ^2/NDF : 168454.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: 148.548 $\pm$ 69.129 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -154.567 $\pm$ 62.663 χ^2 /NDF: 9.3/7

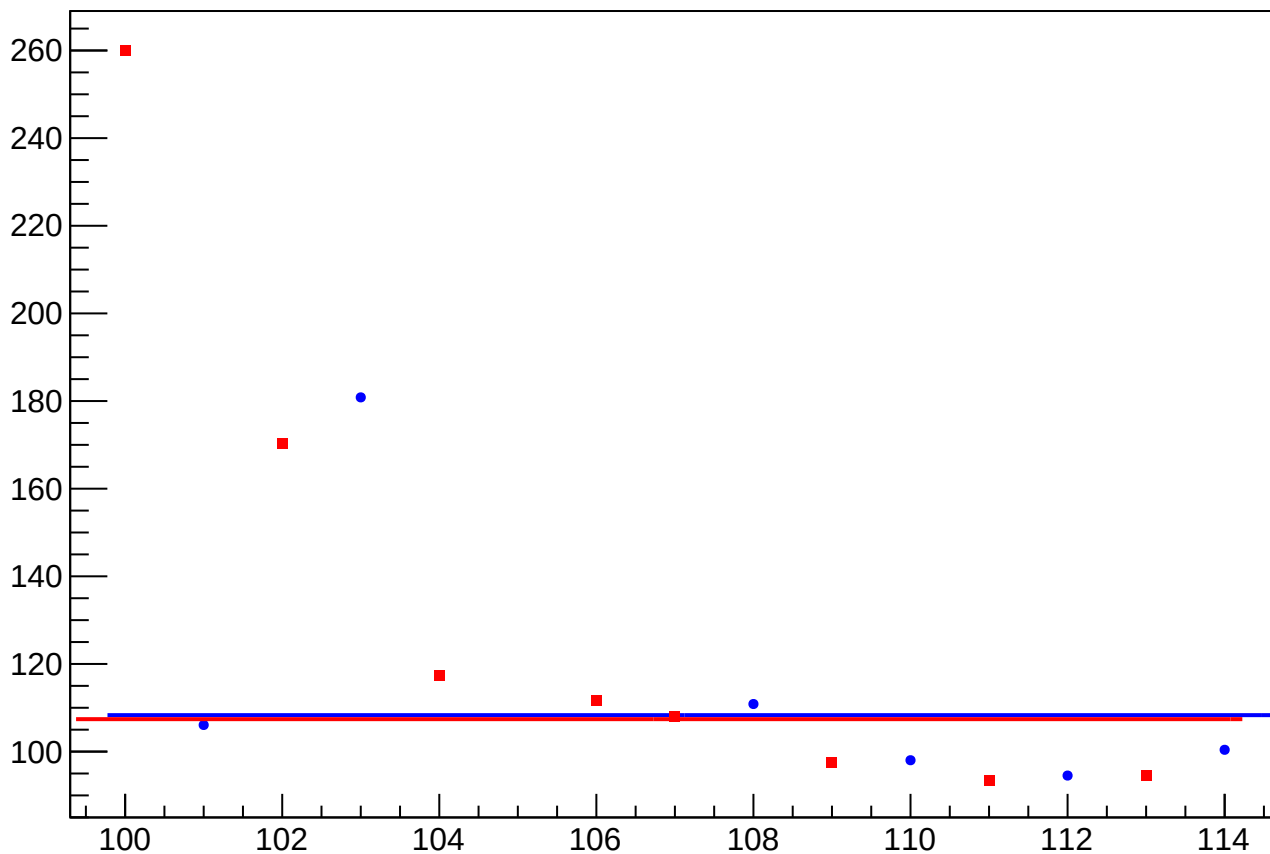
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.846 $\pm$ 46.427 χ^2 /NDF: 21.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 108.318 $\pm$ 0.049 χ^2 /NDF: 220064.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.402 $\pm$ 0.044 χ^2 /NDF: 276390.5/7

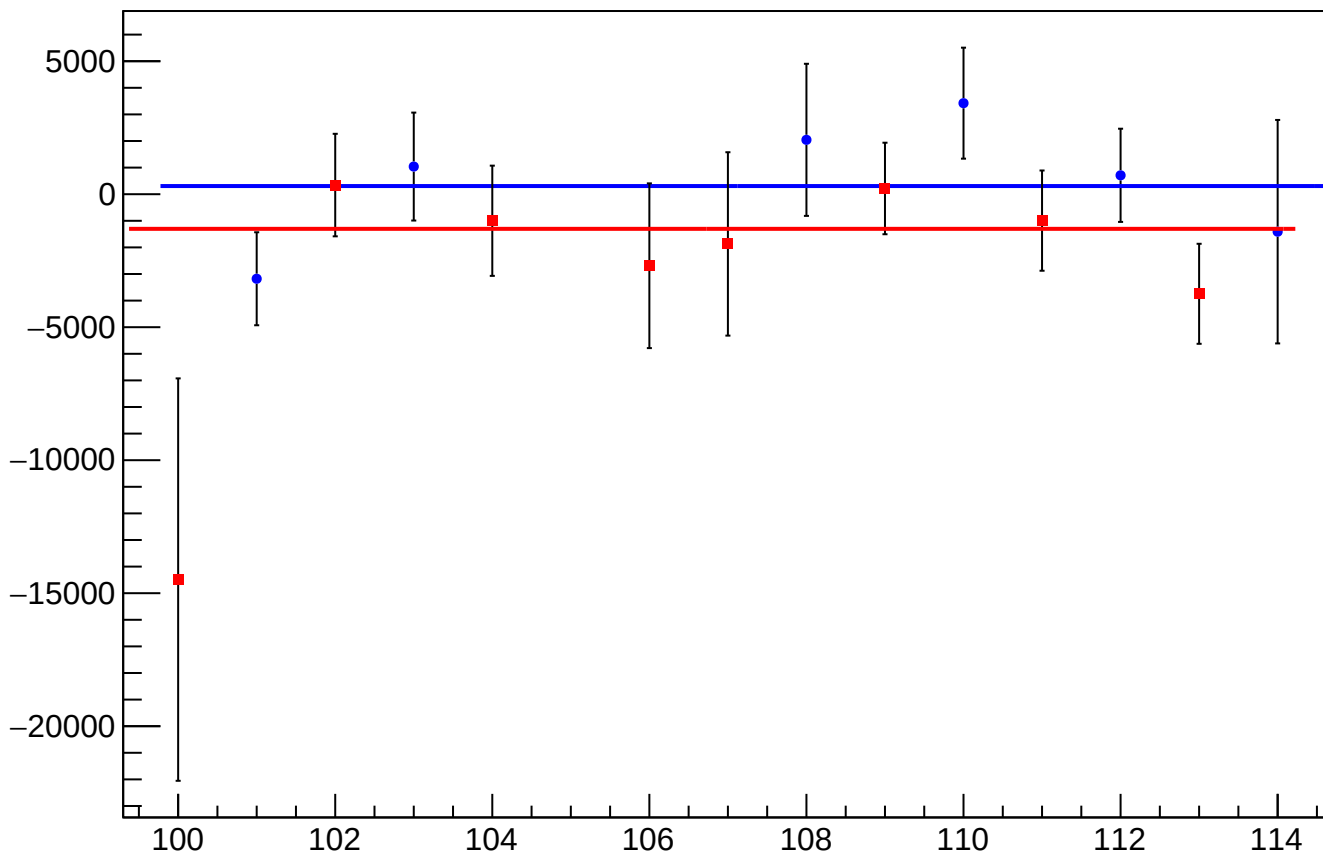
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.815 $\pm$ 0.033 χ^2 /NDF: 496647.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



Right In: 306.437+/-875.465 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1302.189+/-787.939 χ^2/NDF : 6.5/7

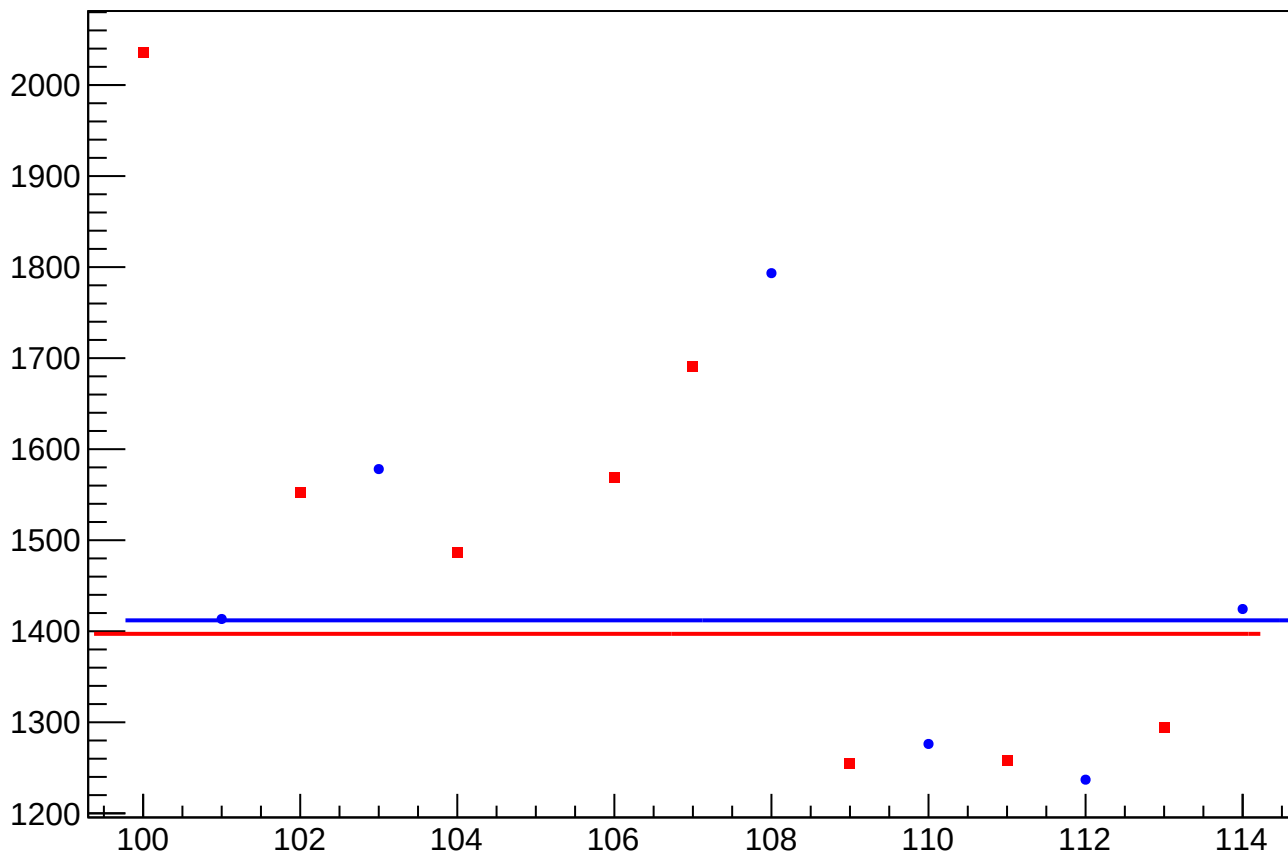
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -582.285+/-585.664 χ^2/NDF : 15.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1411.978+/-0.619 χ^2/NDF : 77447.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.154+/-0.557 χ^2/NDF : 82110.2/7

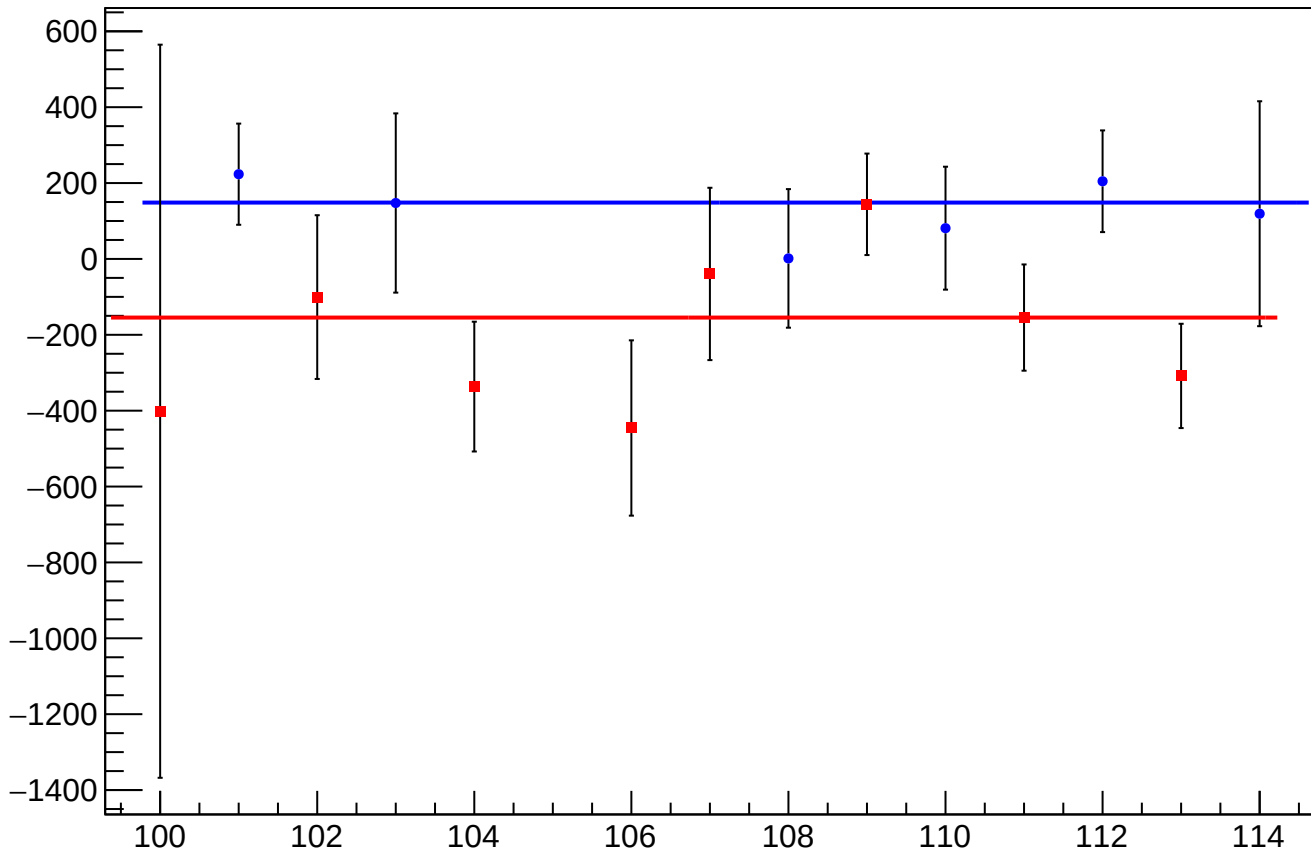
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.788+/-0.414 χ^2/NDF : 159874.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: 148.548 $\pm$ 69.129 χ^2 /NDF: 1.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -154.567 $\pm$ 62.663 χ^2 /NDF: 9.3/7

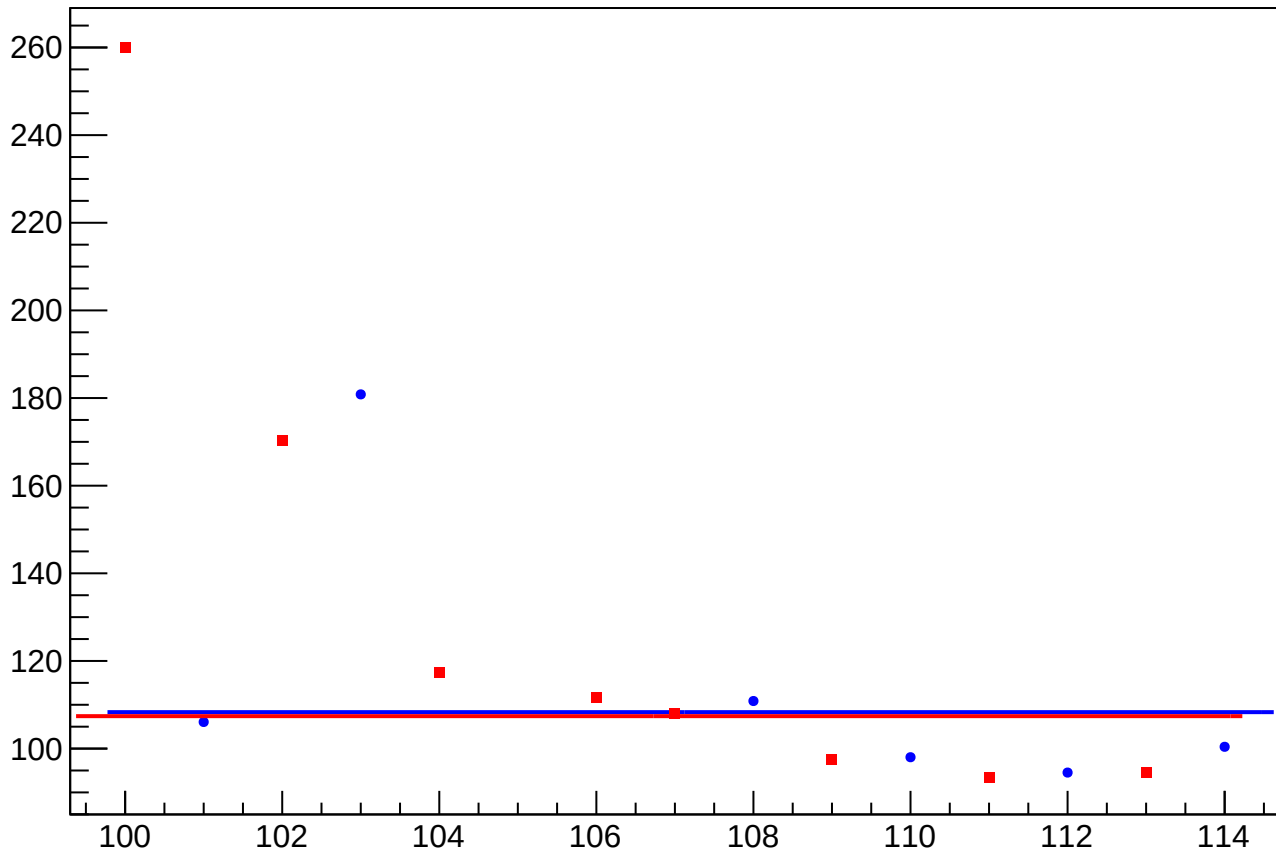
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.846 $\pm$ 46.427 χ^2 /NDF: 21.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 108.318 $\pm$ 0.049 χ^2 /NDF: 220064.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.402 $\pm$ 0.044 χ^2 /NDF: 276390.5/7

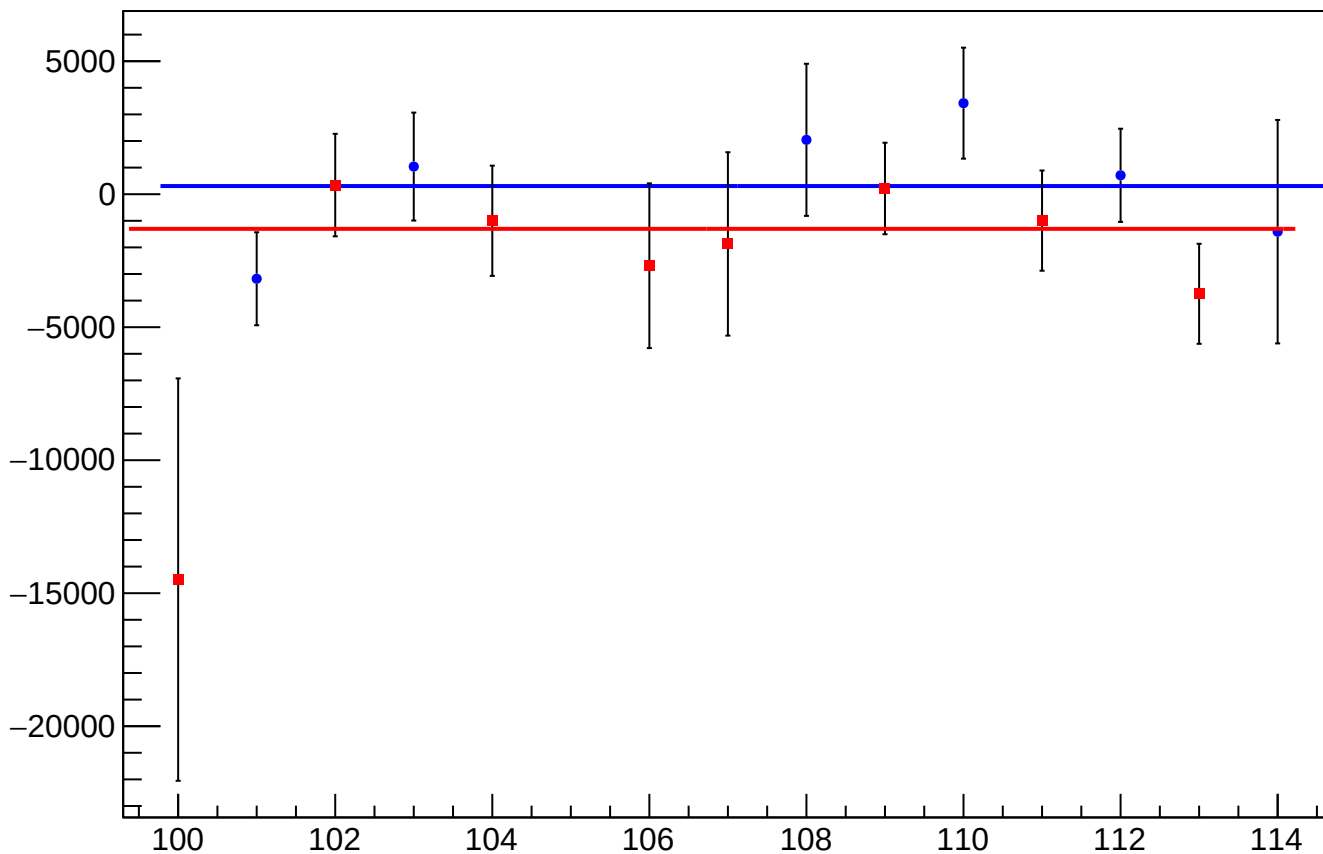
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.815 $\pm$ 0.033 χ^2 /NDF: 496647.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



Right In: 306.437+/-875.465 χ^2 /NDF: 6.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1302.189+/-787.939 χ^2 /NDF: 6.5/7

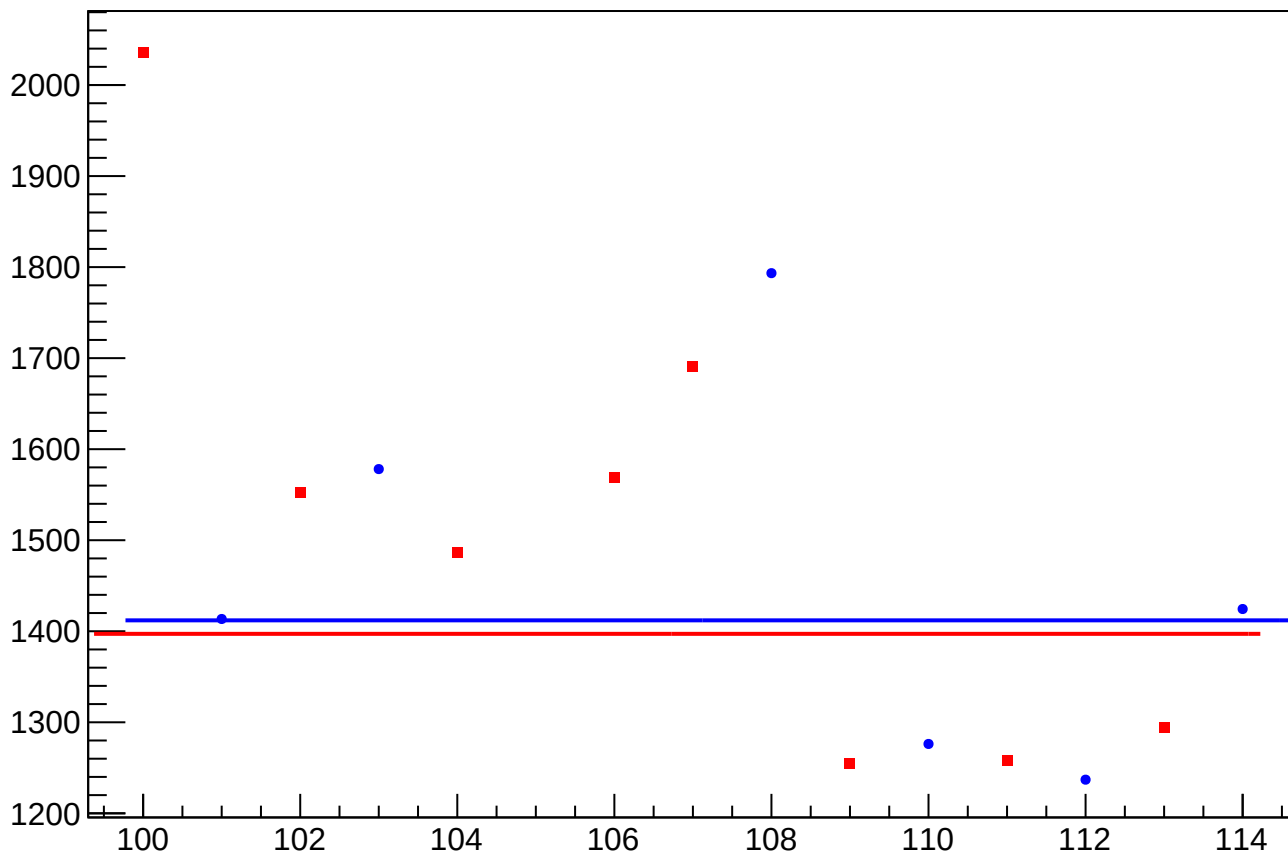
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -582.285+/-585.664 χ^2 /NDF: 15.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1411.978+/-0.619 χ^2/NDF : 77447.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.154+/-0.557 χ^2/NDF : 82110.2/7

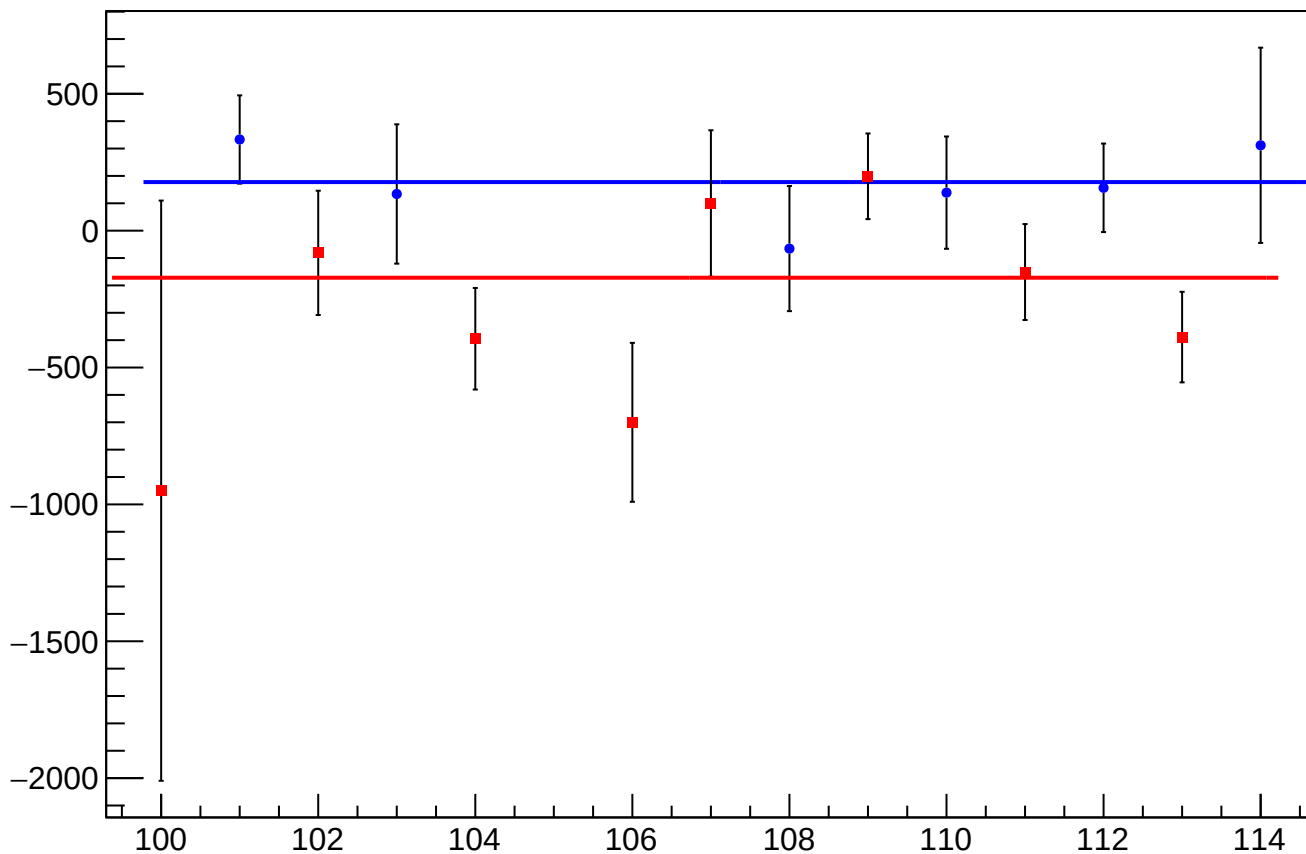
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.788+/-0.414 χ^2/NDF : 159874.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 177.473 $\pm$ 83.632 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.897 $\pm$ 73.495 χ^2 /NDF: 13.8/7

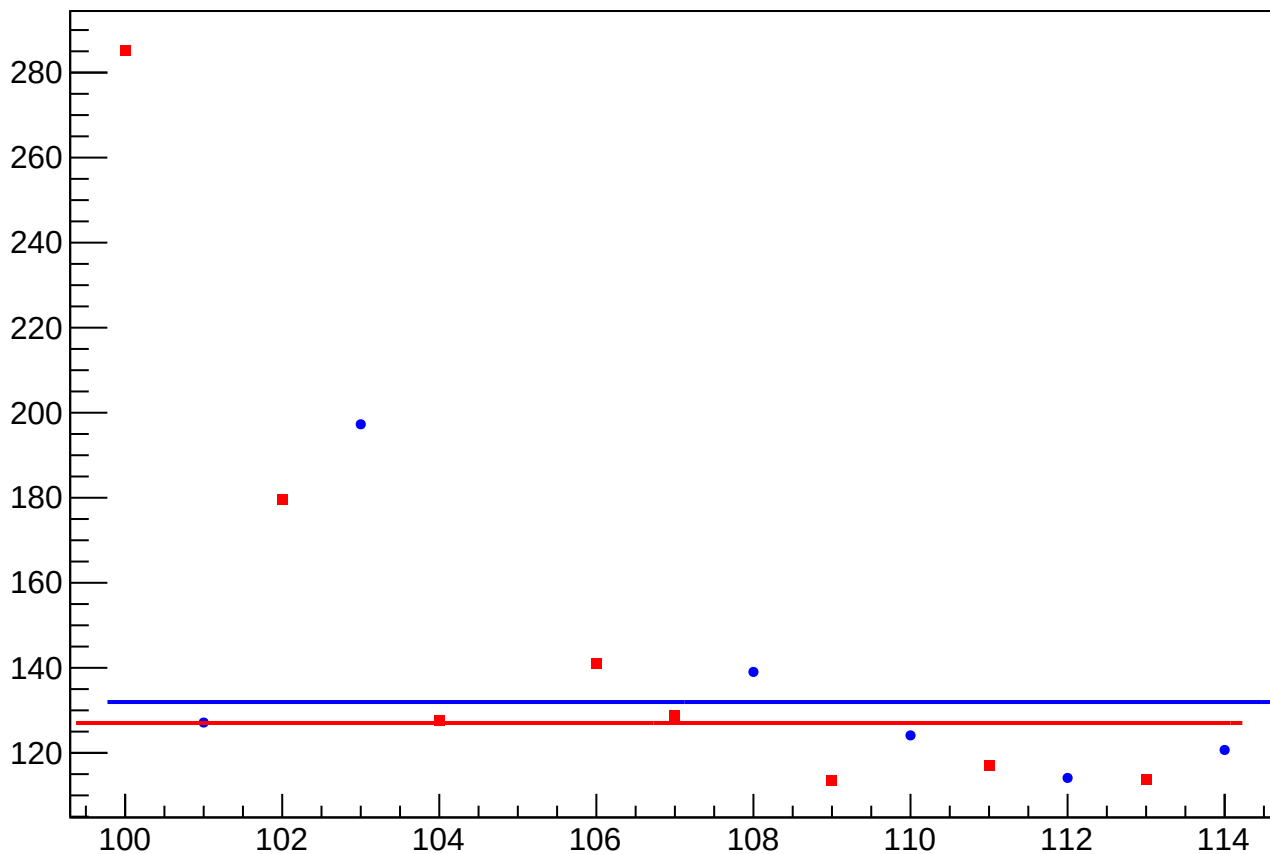
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.659 $\pm$ 55.207 χ^2 /NDF: 26.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 131.959 $\pm$ 0.059 χ^2 /NDF: 164803.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.030 $\pm$ 0.052 χ^2 /NDF: 190920.7/7

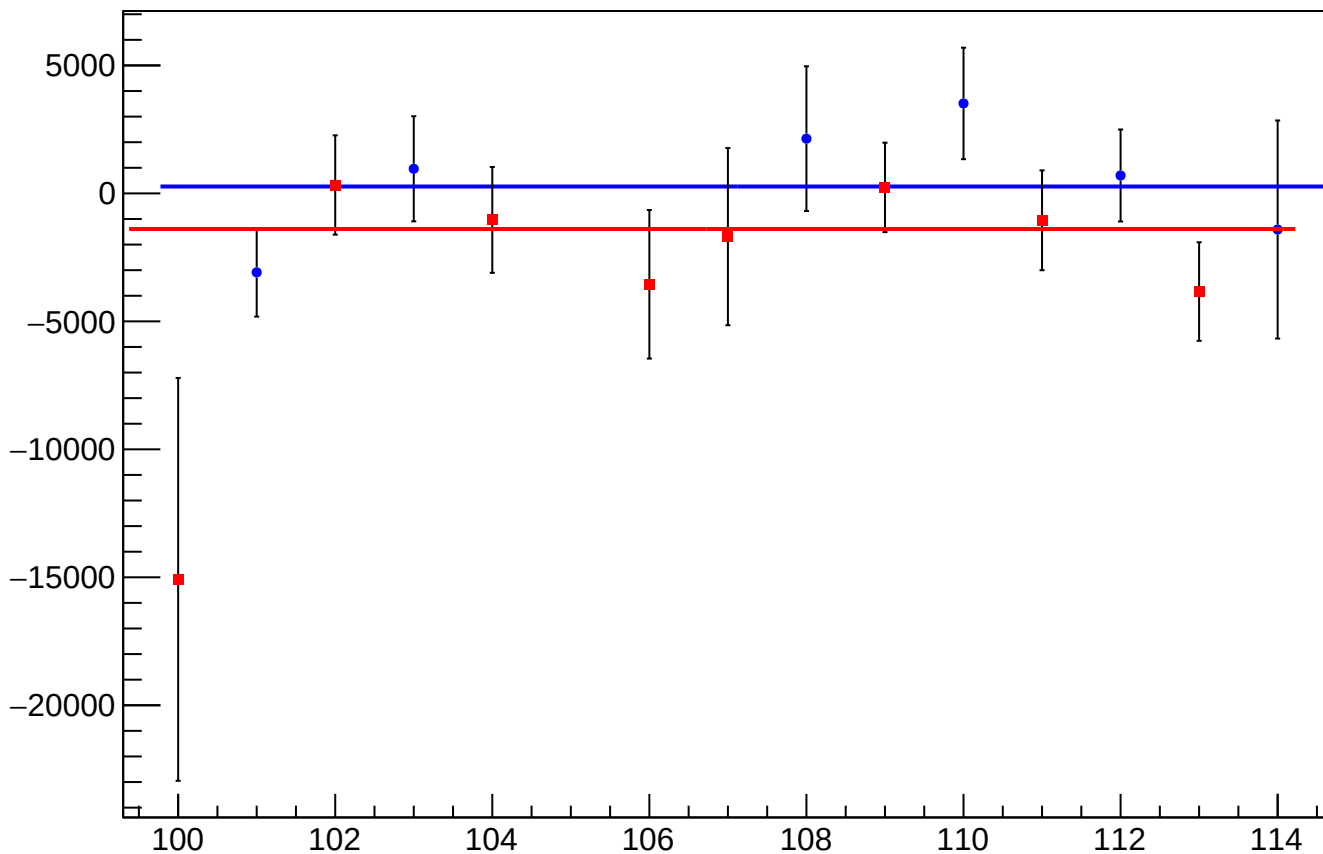
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.178 $\pm$ 0.039 χ^2 /NDF: 359643.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: 269.271 $\pm$ 886.546 χ^2 /NDF: 6.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1390.989 $\pm$ 796.071 χ^2 /NDF: 6.9/7

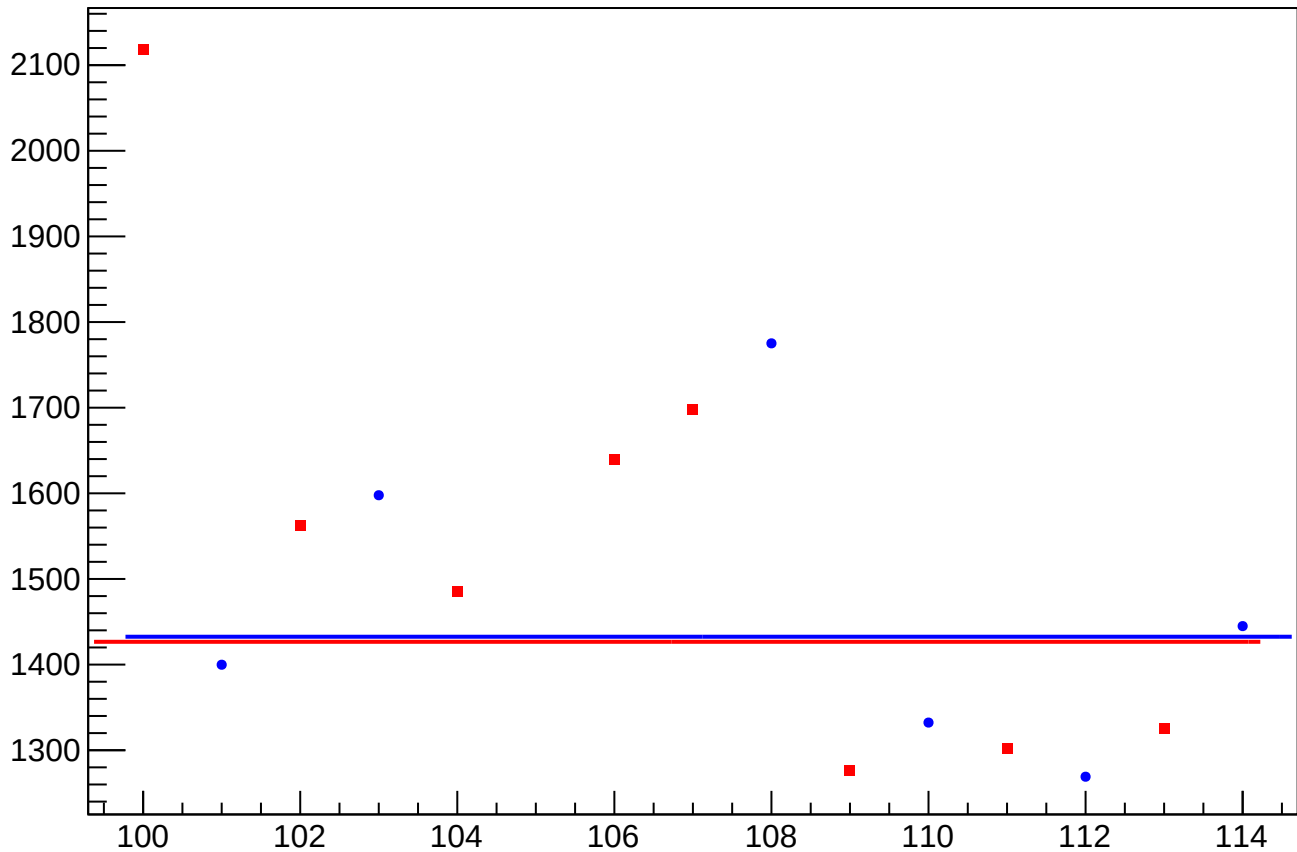
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -649.874 $\pm$ 592.319 χ^2 /NDF: 15.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1432.537 $\pm$ 0.627 χ^2 /NDF: 63822.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1426.621 $\pm$ 0.563 χ^2 /NDF: 78331.5/7

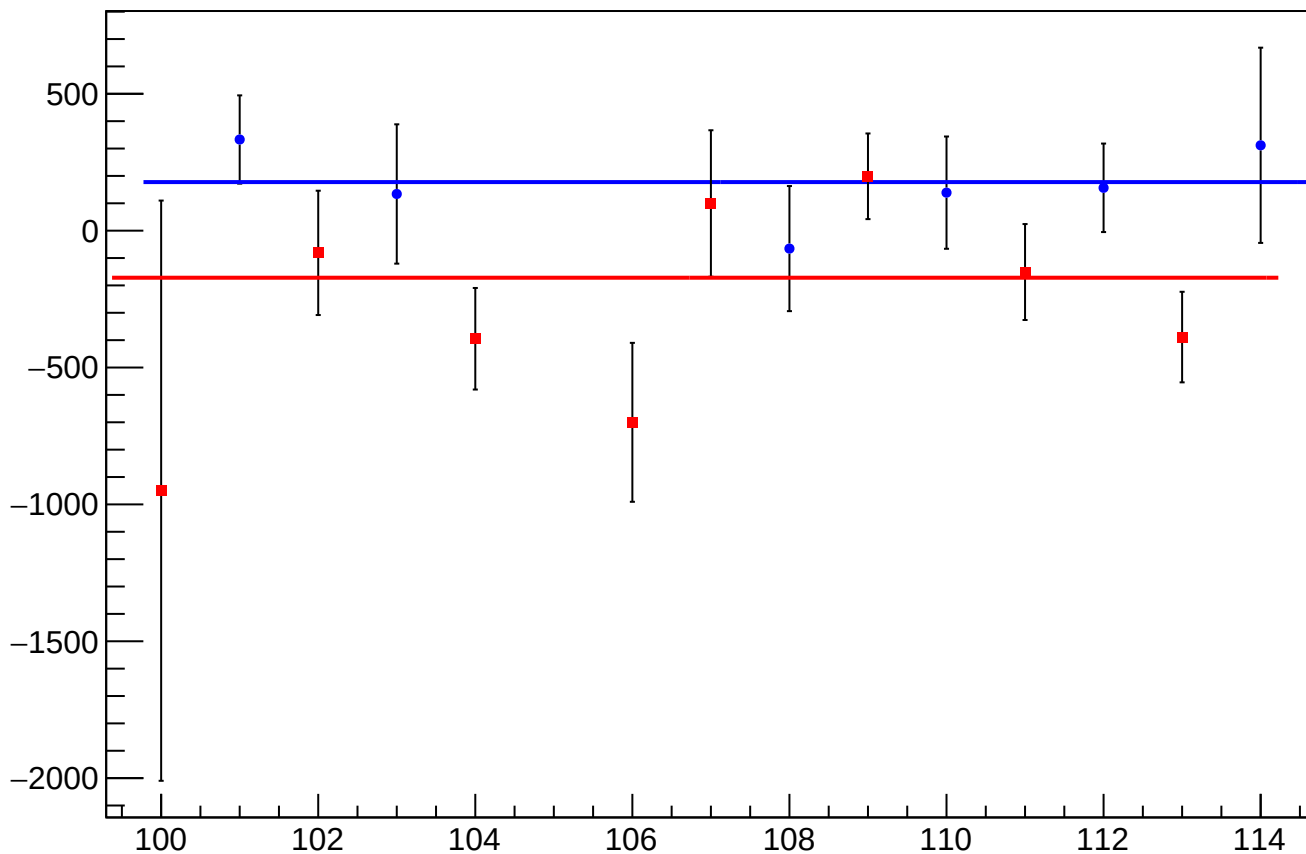
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1429.262 $\pm$ 0.419 χ^2 /NDF: 142203.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 177.467 $\pm$ 83.631 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.893 $\pm$ 73.494 χ^2 /NDF: 13.8/7

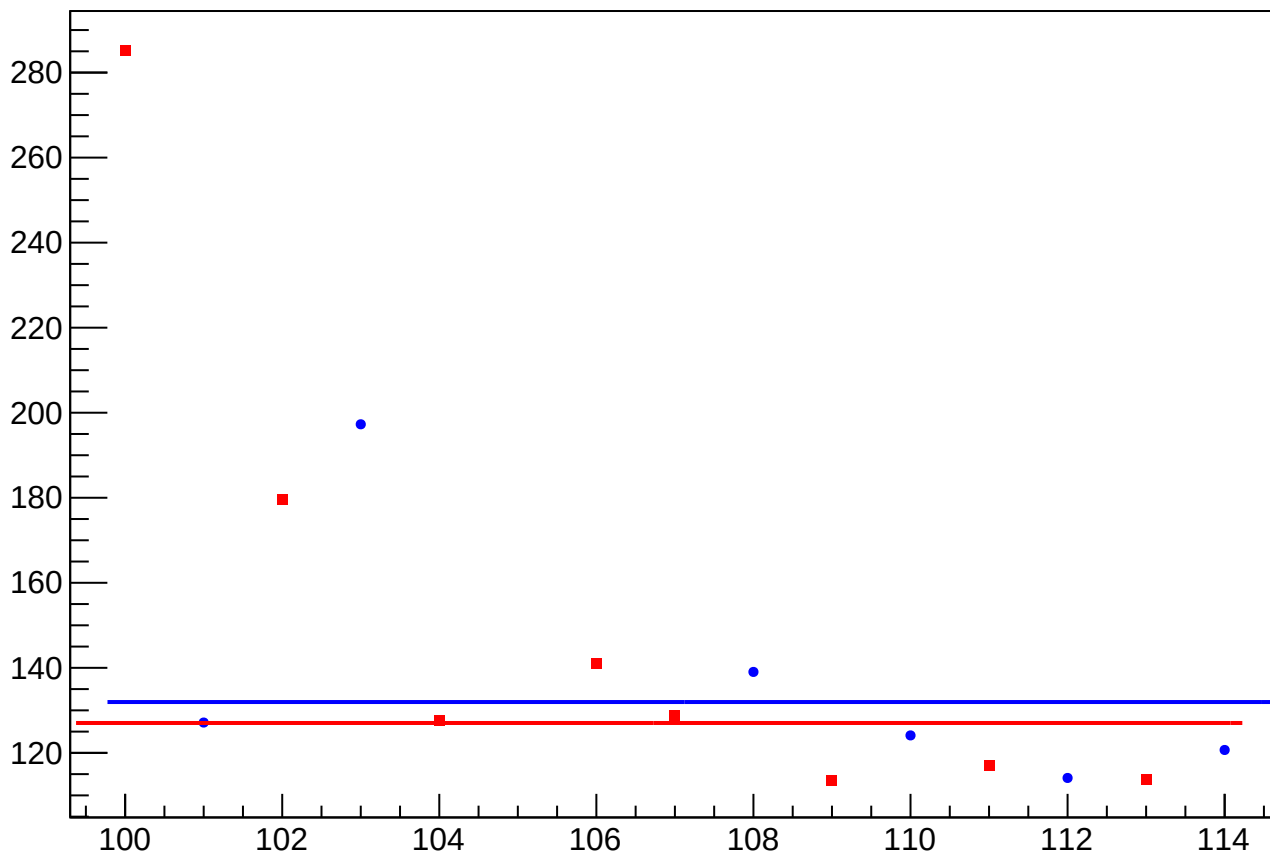
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.659 $\pm$ 55.206 χ^2 /NDF: 26.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 131.957+/-0.059 χ^2/NDF : 164812.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.028+/-0.052 χ^2/NDF : 190930.2/7

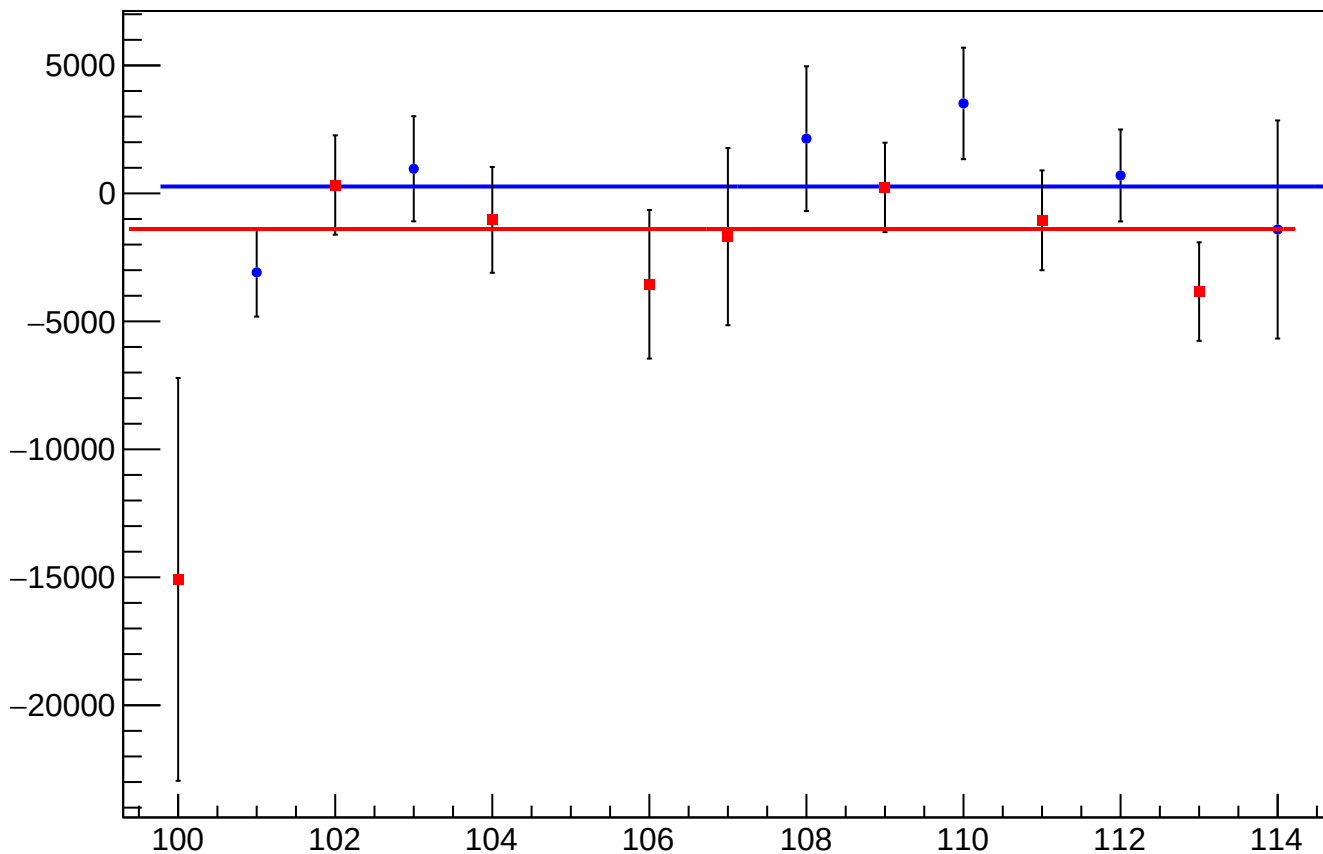
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.176+/-0.039 χ^2/NDF : 359661.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: 269.273+/-886.543 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1390.985+/-796.068 χ^2/NDF : 6.9/7

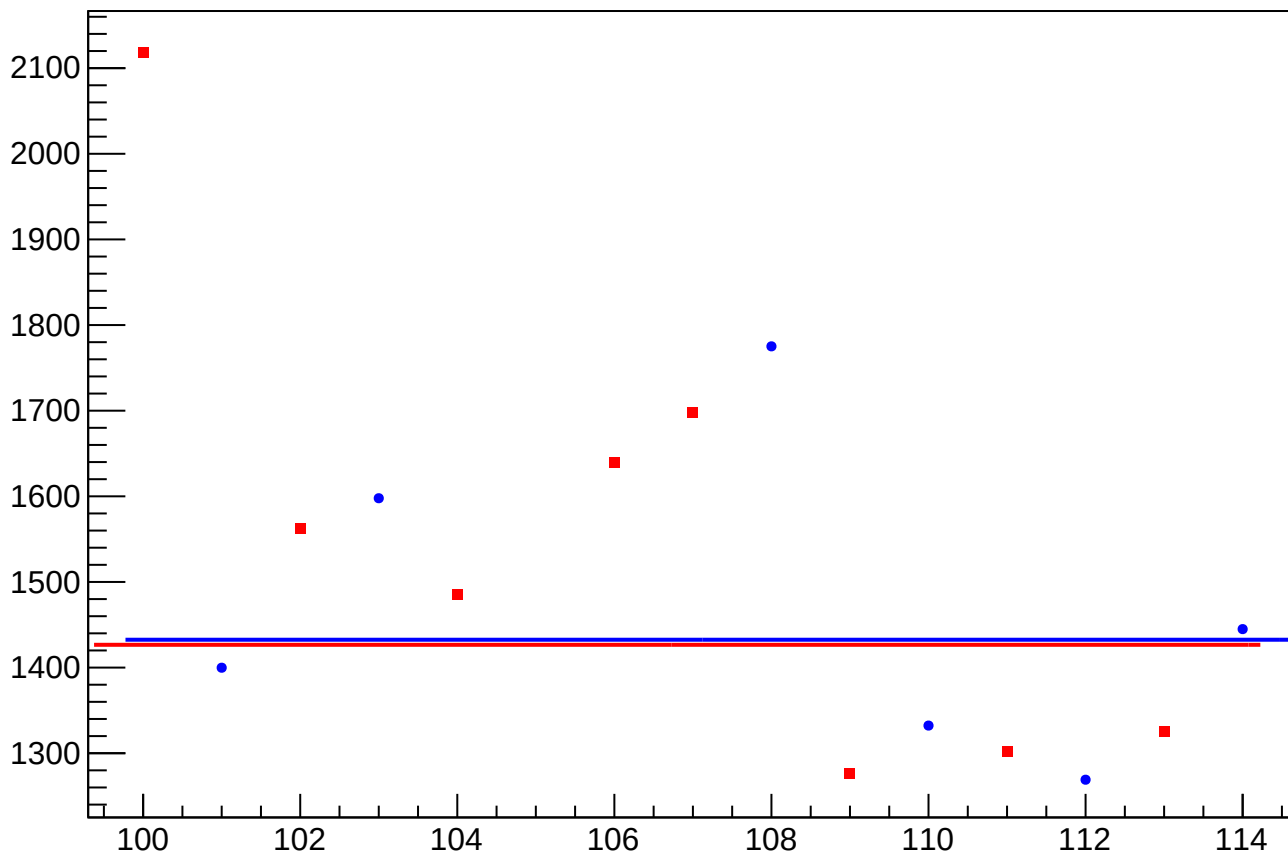
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -649.872+/-592.317 χ^2/NDF : 15.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1432.532 $\pm$ 0.627 χ^2 /NDF: 63824.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1426.615 $\pm$ 0.563 χ^2 /NDF: 78333.9/7

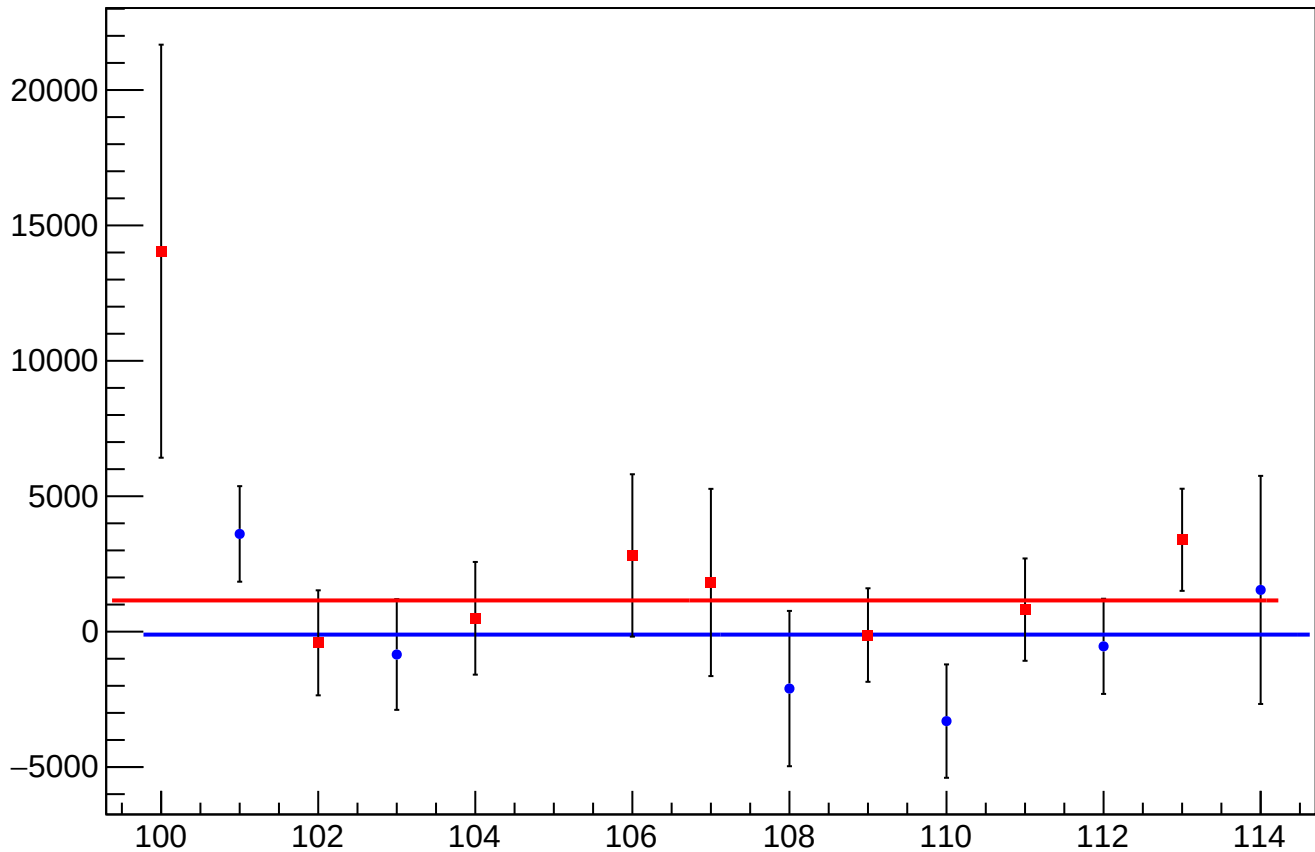
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1429.256 $\pm$ 0.419 χ^2 /NDF: 142207.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: -109.044+/-880.159 χ^2/NDF : 7.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1152.458+/-789.111 χ^2/NDF : 5.9/7

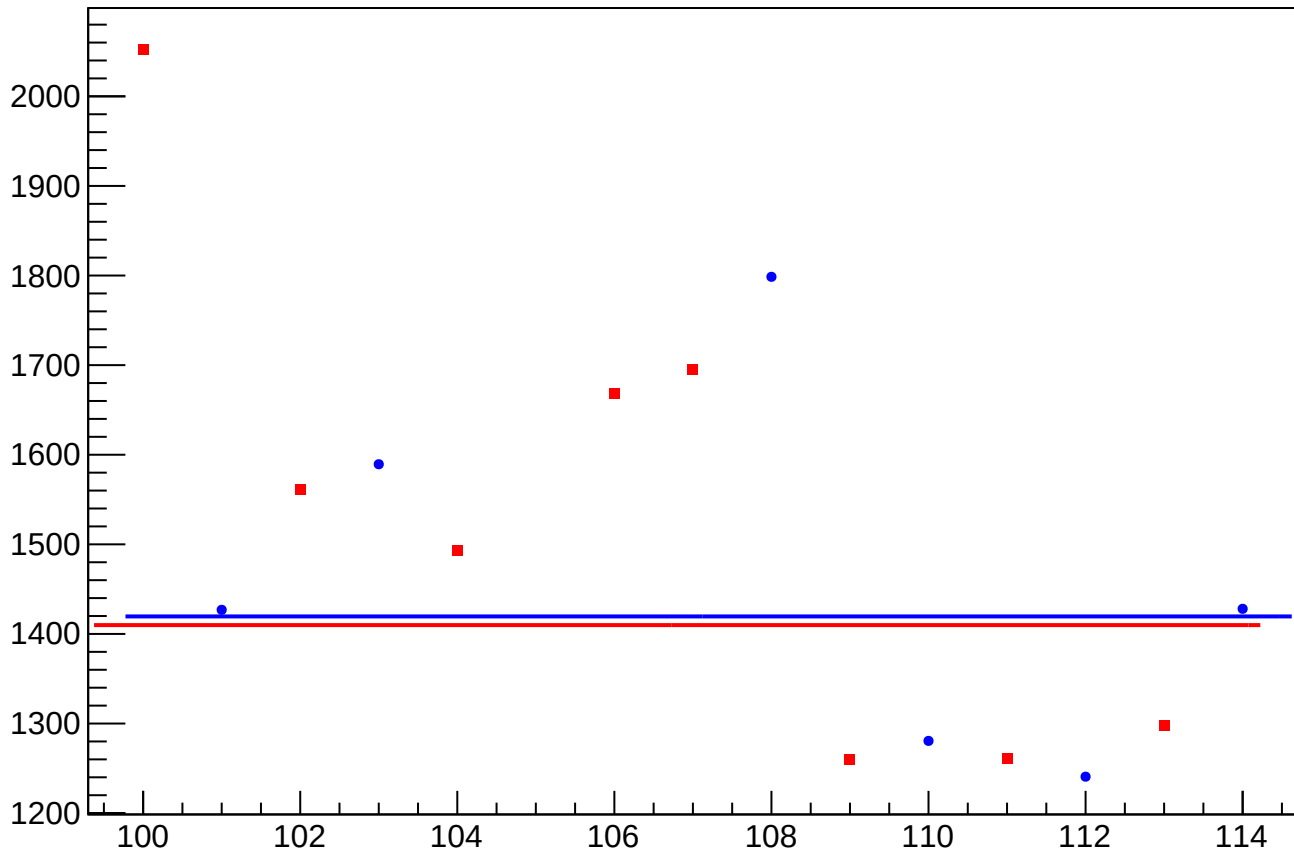
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.310+/-587.547 χ^2/NDF : 14.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1419.543 $\pm$ 0.622 χ^2 /NDF: 78330.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1409.864 $\pm$ 0.558 χ^2 /NDF: 92659.9/7

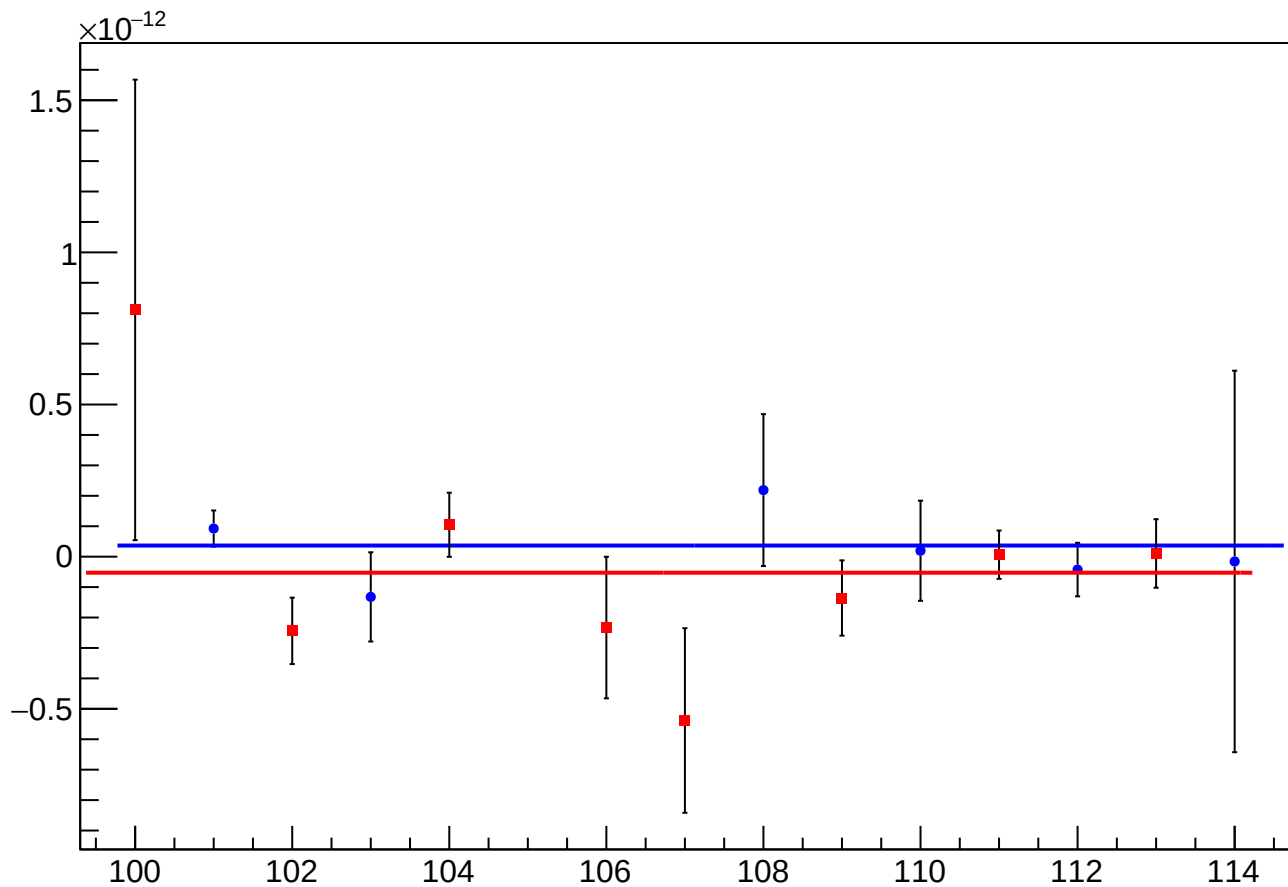
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1414.177 $\pm$ 0.415 χ^2 /NDF: 171124.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/7

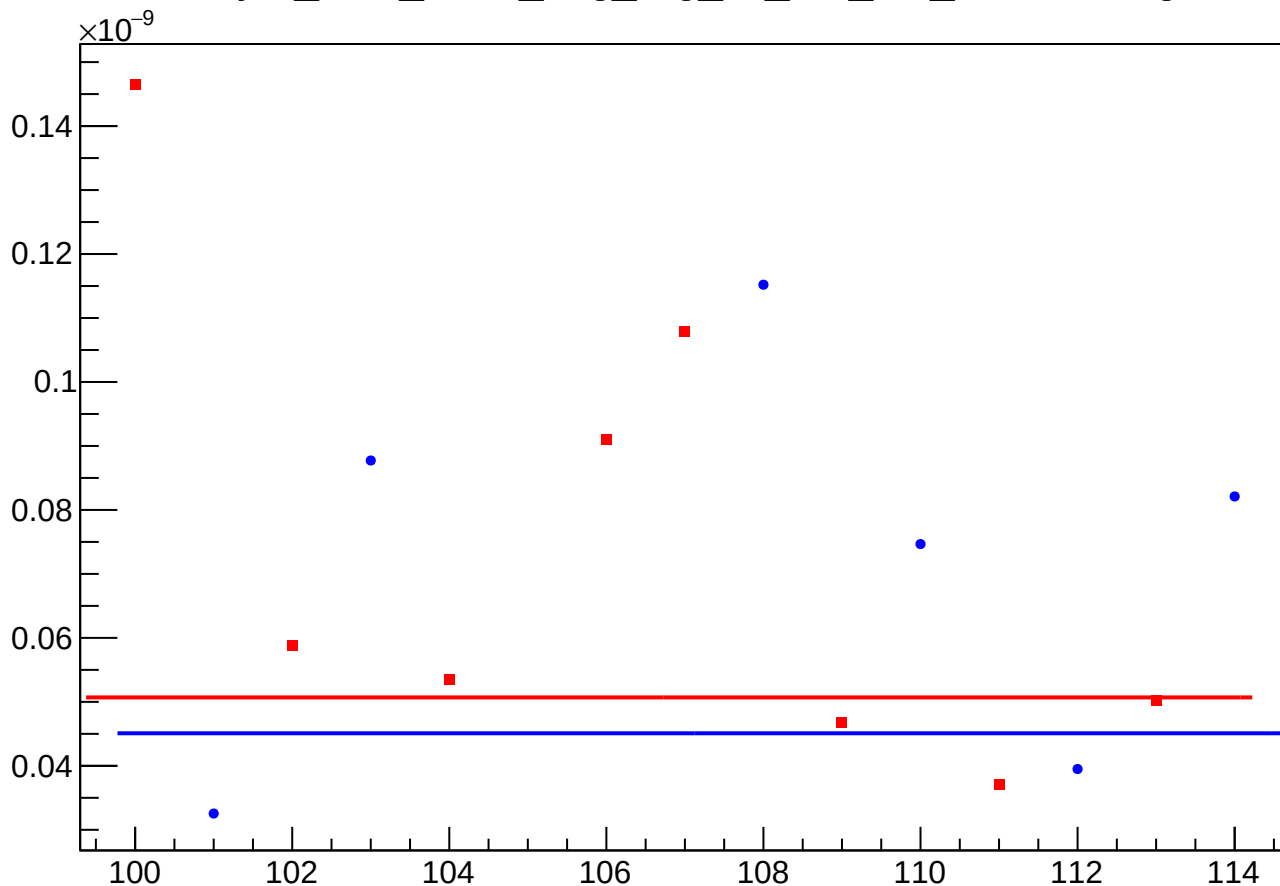
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 496188.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 236186.6/7

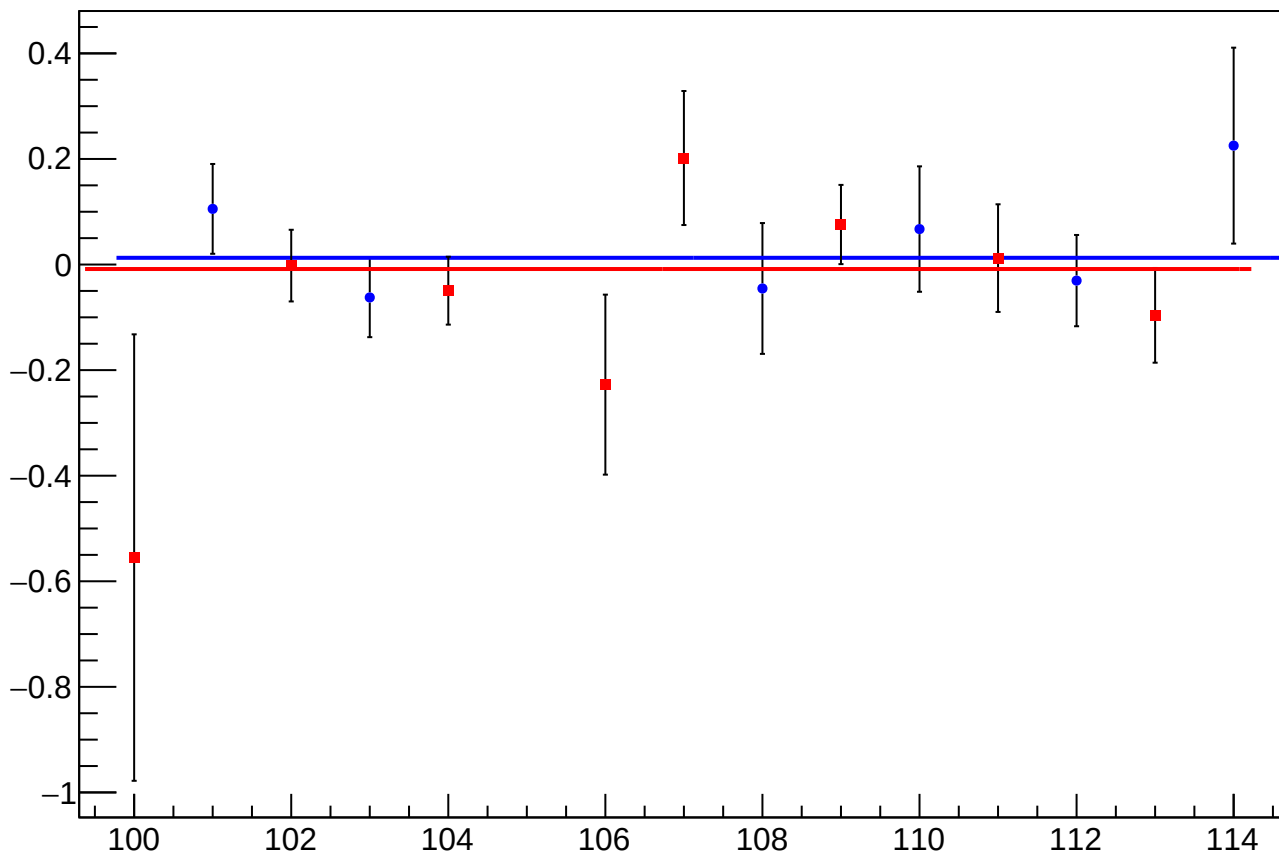
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 748469.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.040 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

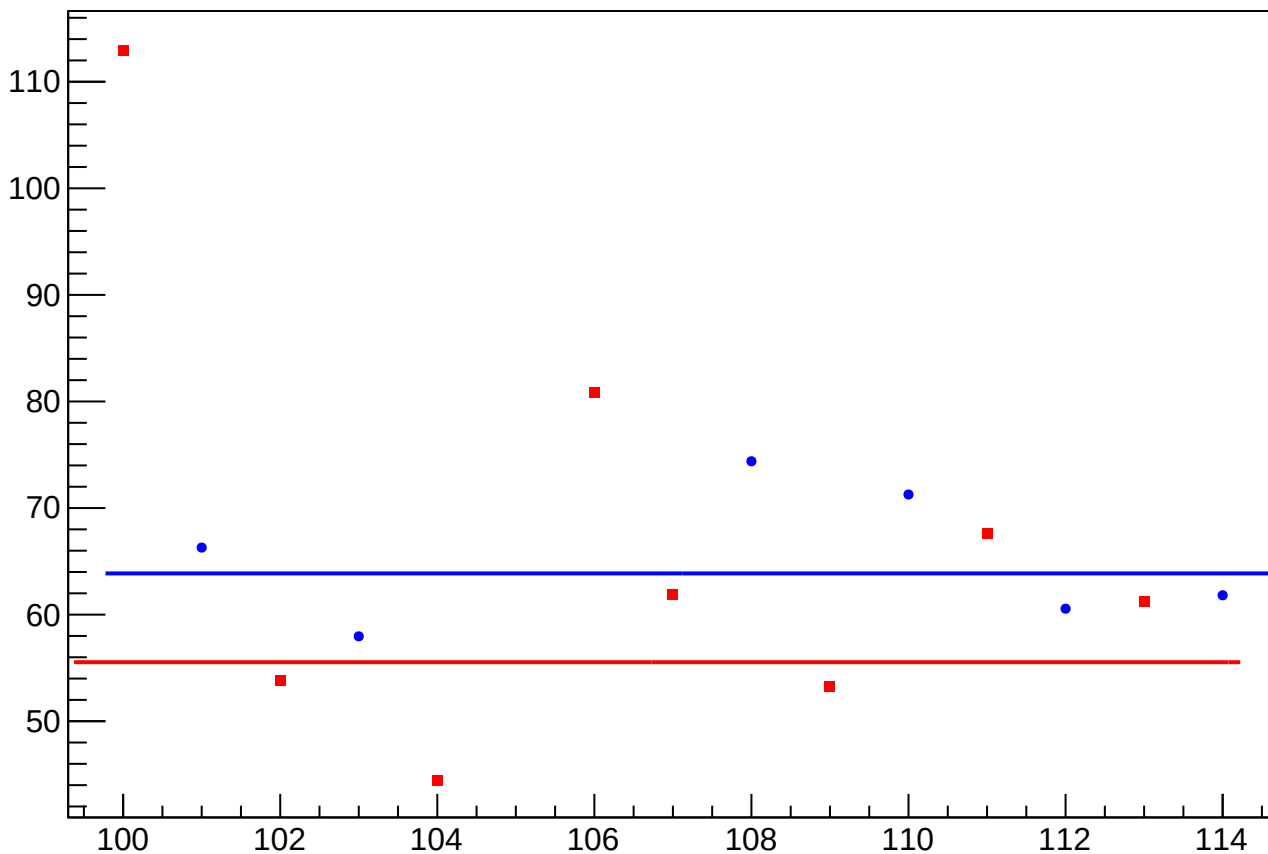
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.025 χ^2 /NDF: 13.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 63.866+/-0.029 χ^2/NDF : 39311.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.538+/-0.023 χ^2/NDF : 184283.2/7

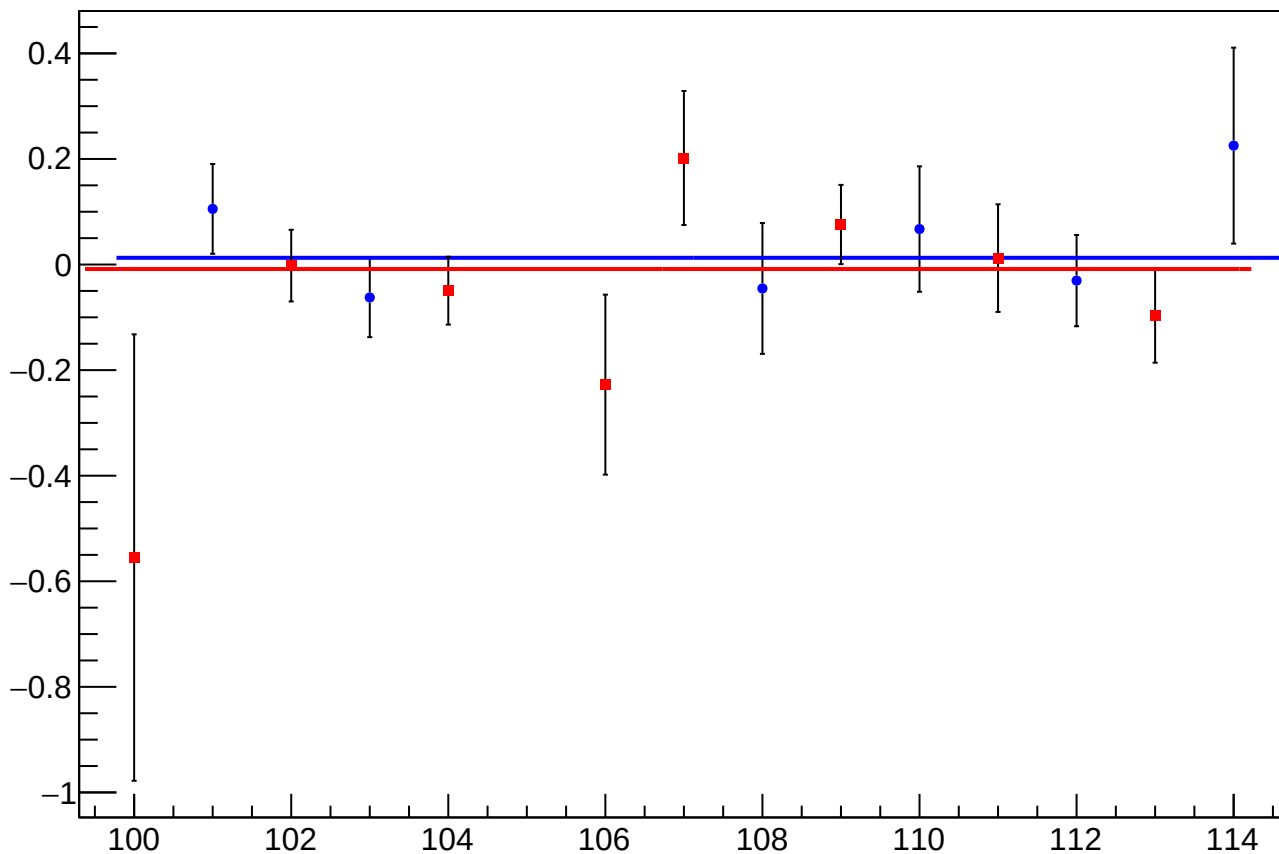
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.788+/-0.018 χ^2/NDF : 275510.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.040 χ^2/NDF : 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 $\pm$ 0.032 χ^2/NDF : 8.7/7

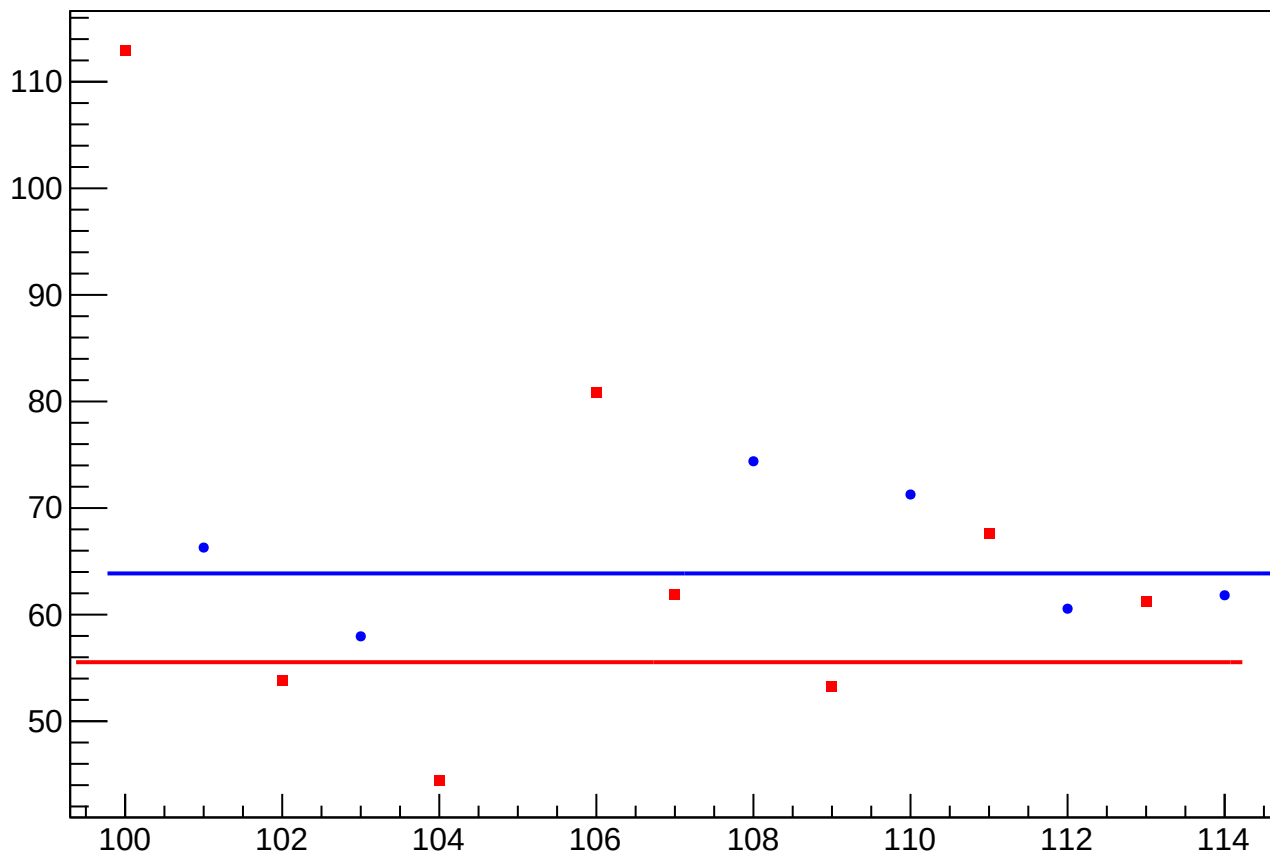
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.025 χ^2/NDF : 13.1/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.866+/-0.029 χ^2/NDF : 39311.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.538+/-0.023 χ^2/NDF : 184283.2/7

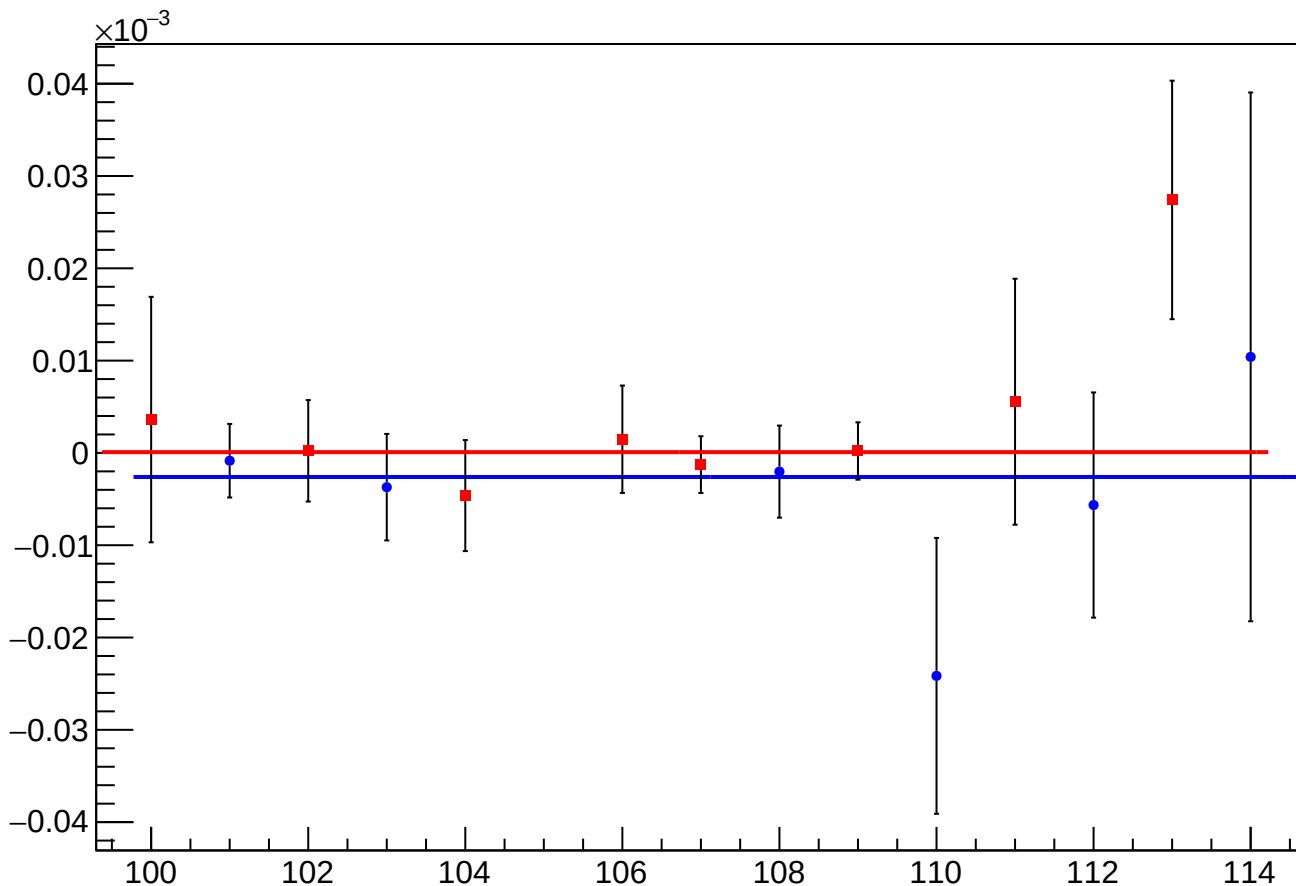
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.788+/-0.018 χ^2/NDF : 275510.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.6/7

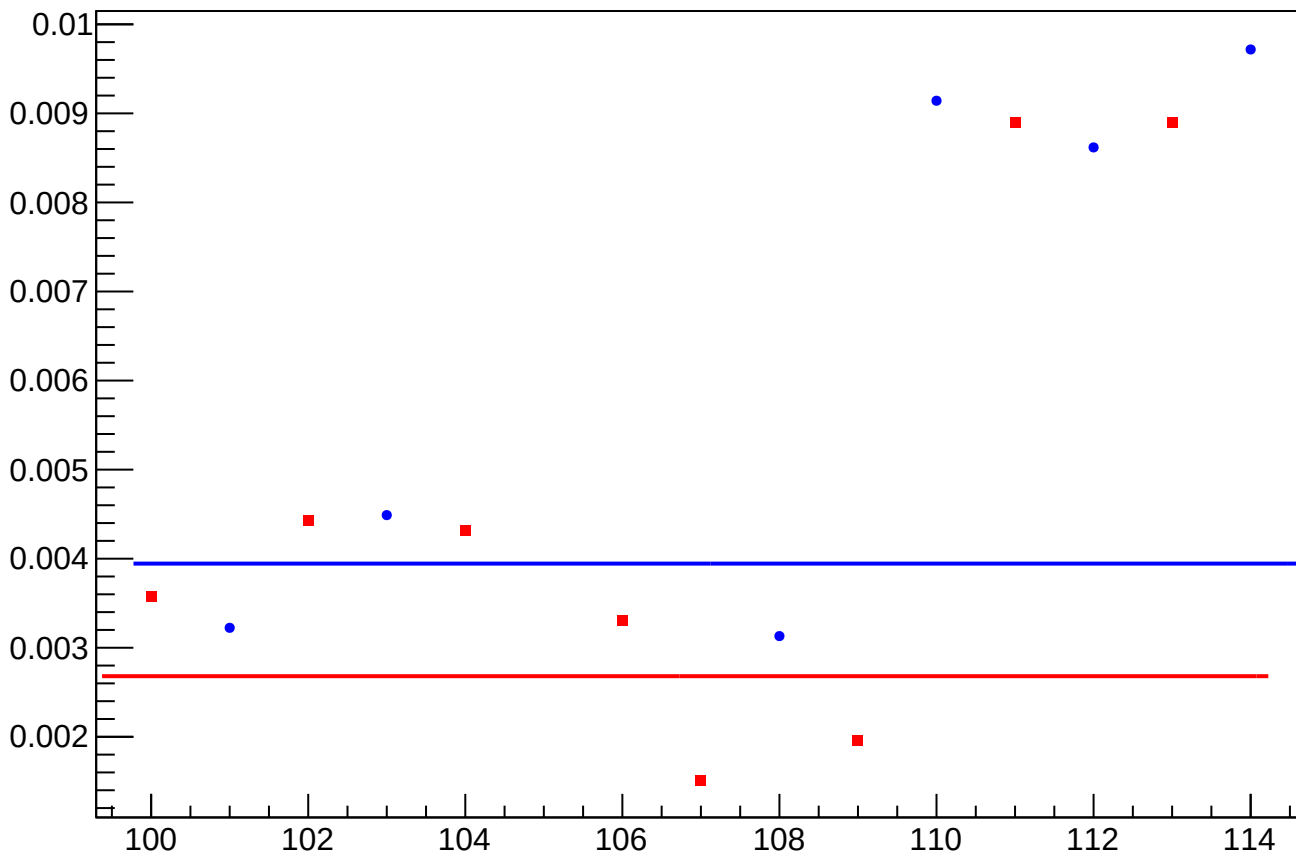
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.9/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 753171.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 1679696.5/7

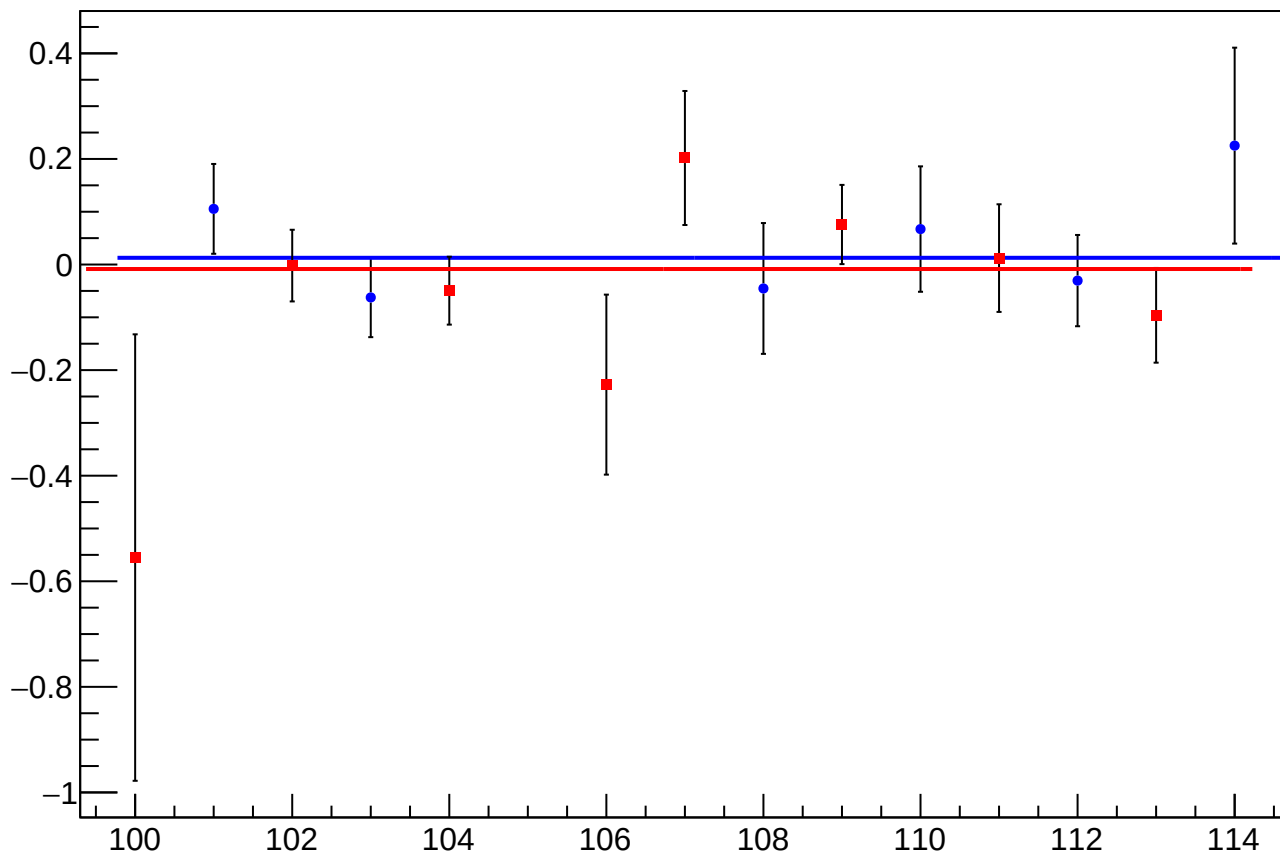
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 2751666.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.040 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

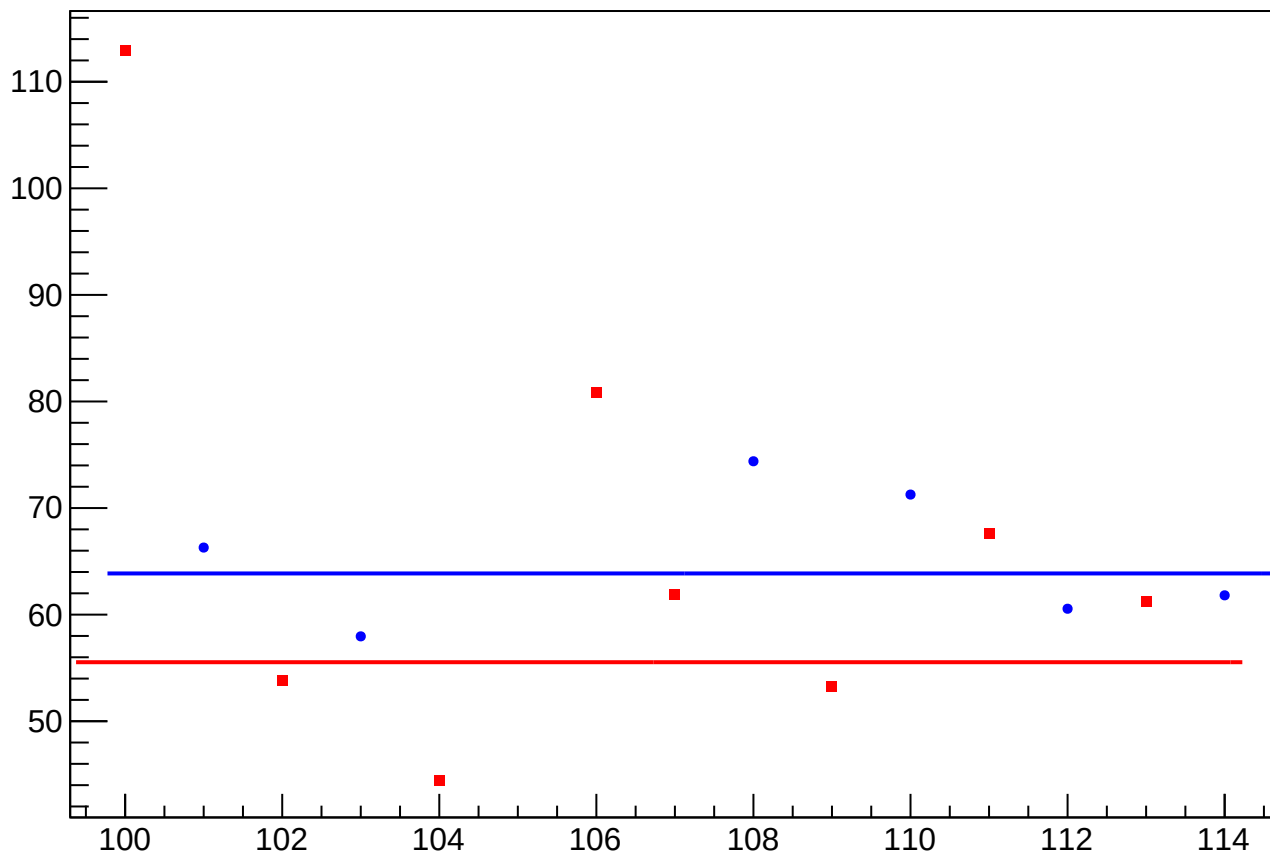
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.025 χ^2 /NDF: 13.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 63.864+/-0.029 χ^2/NDF : 39318.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.536+/-0.023 χ^2/NDF : 184252.0/7

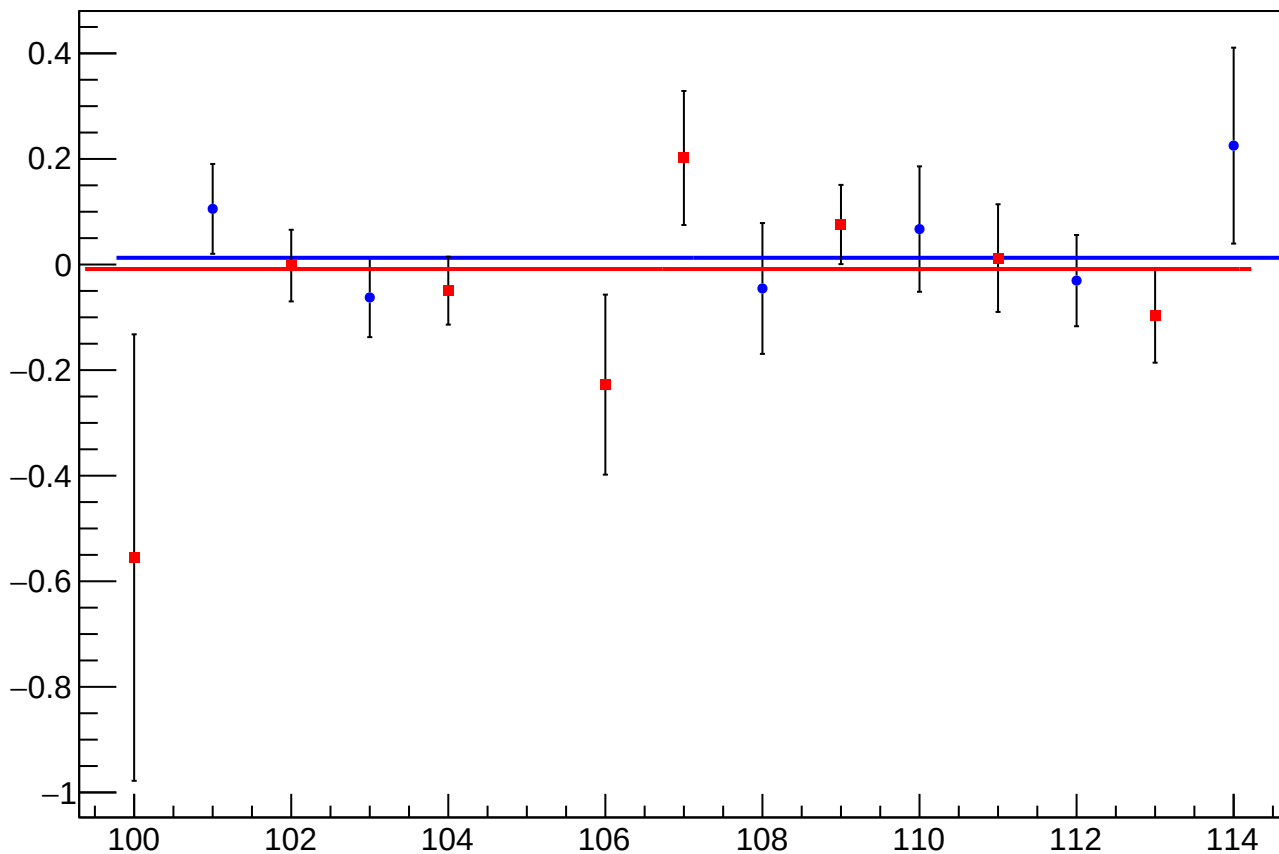
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.786+/-0.018 χ^2/NDF : 275481.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.040 χ^2 /NDF: 4.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

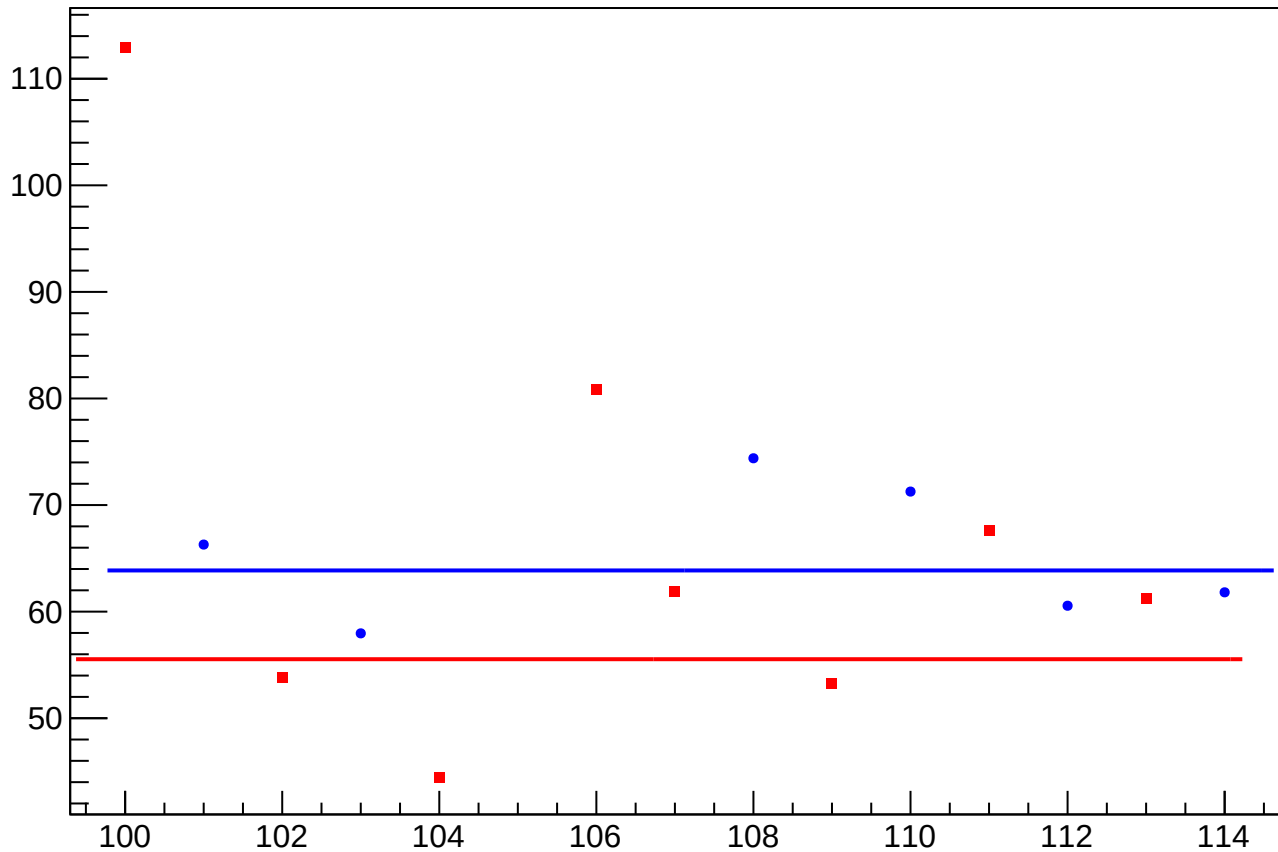
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.025 χ^2 /NDF: 13.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.864 $\pm$ 0.029 χ^2 /NDF: 39318.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.536 $\pm$ 0.023 χ^2 /NDF: 184252.0/7

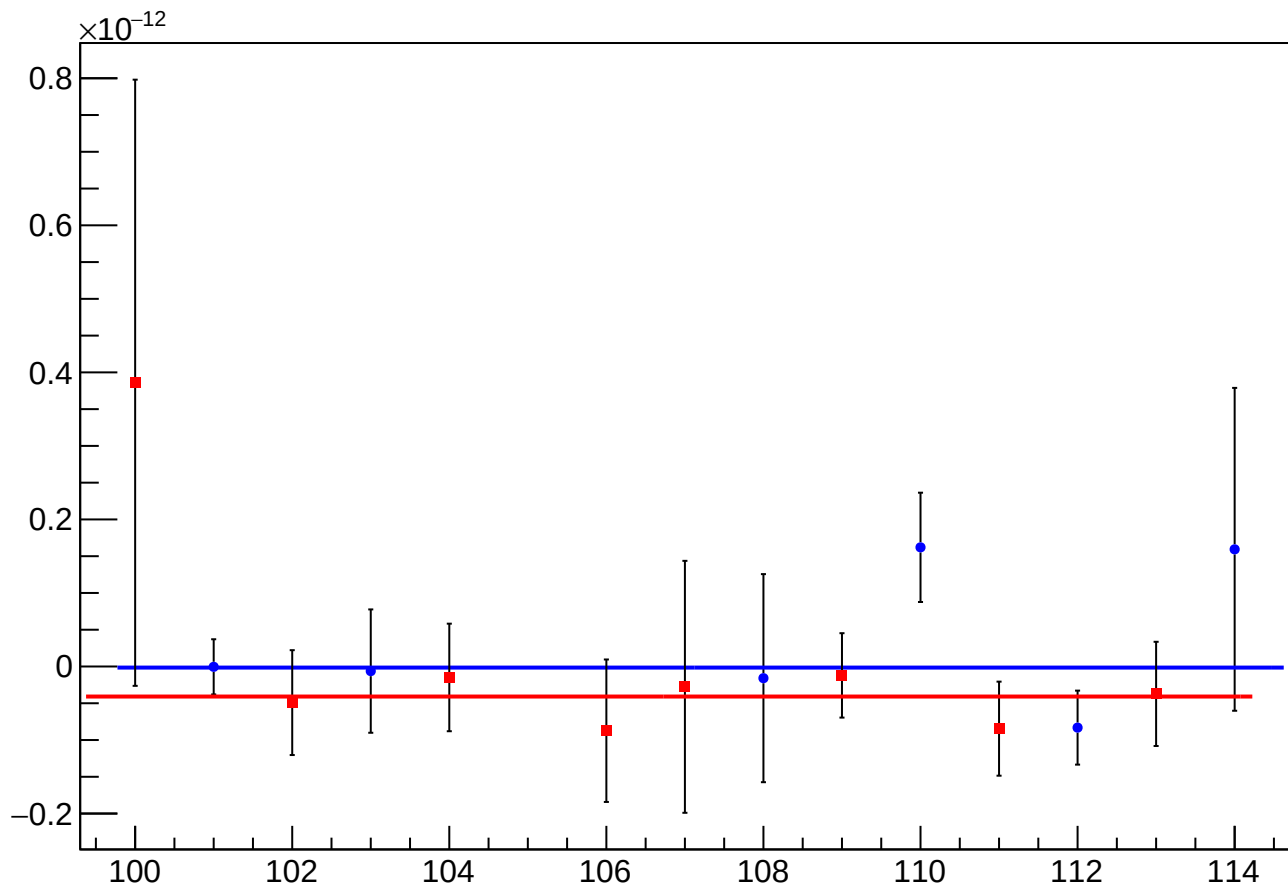
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.786 $\pm$ 0.018 χ^2 /NDF: 275481.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/7

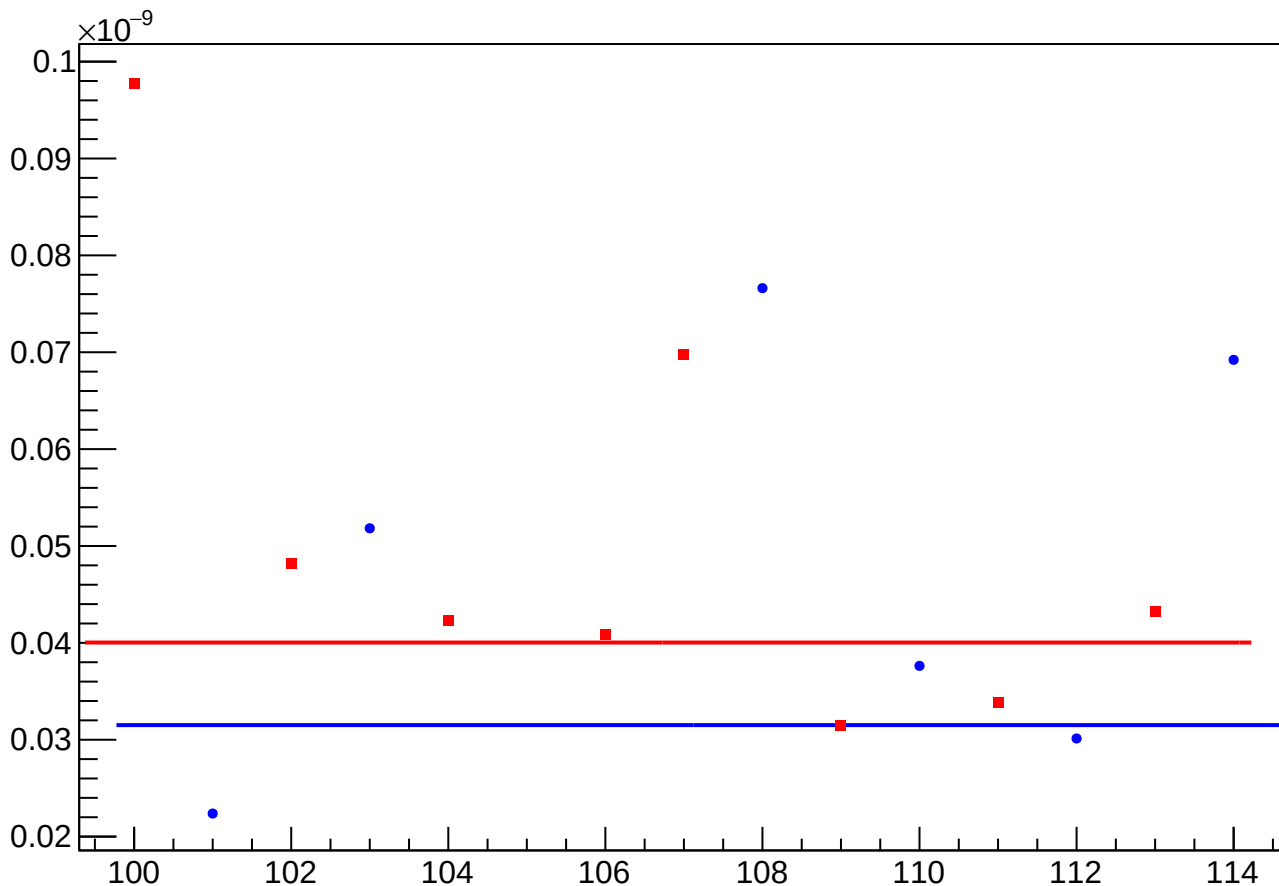
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 513004.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 194955.8/7

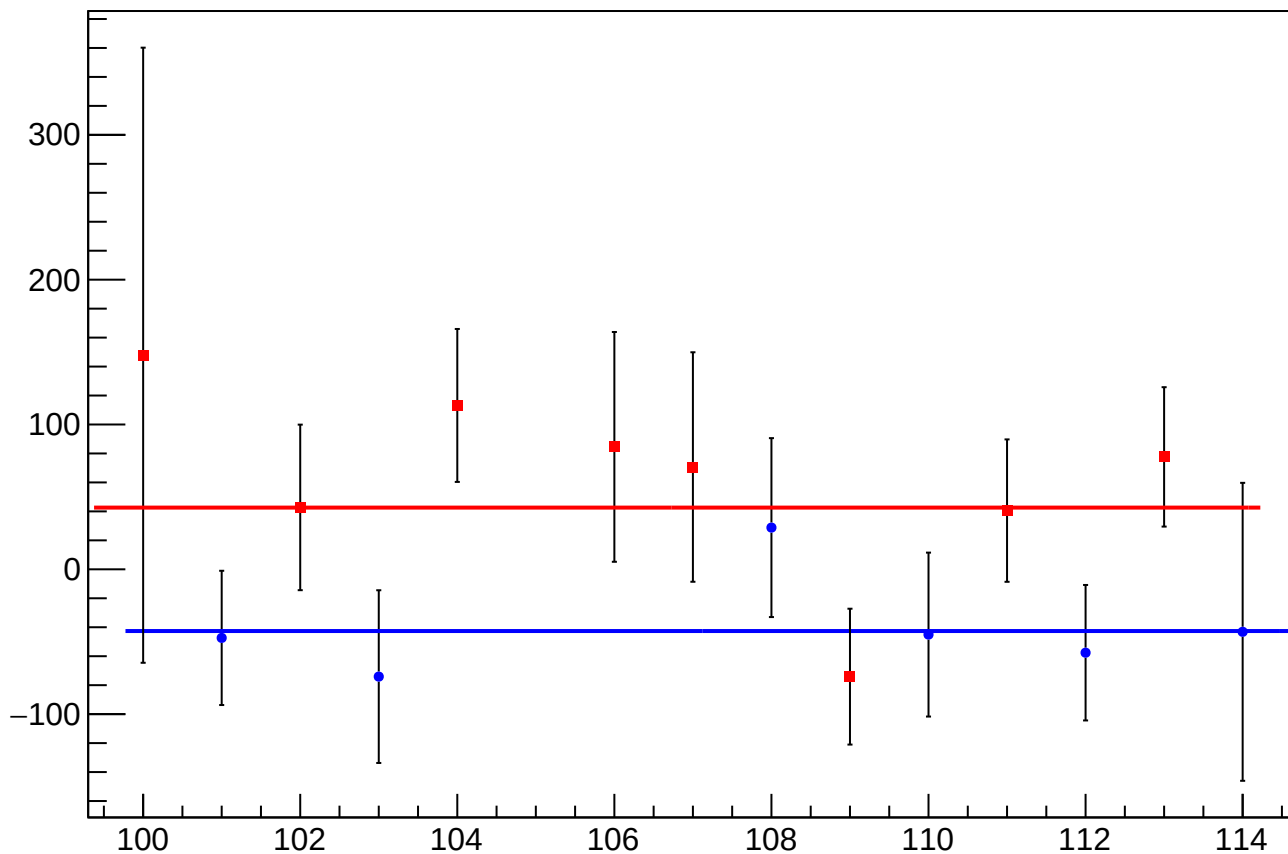
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 808198.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -42.619 ± 23.110 χ^2/NDF : 1.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 42.616 ± 20.829 χ^2/NDF : 9.2/7

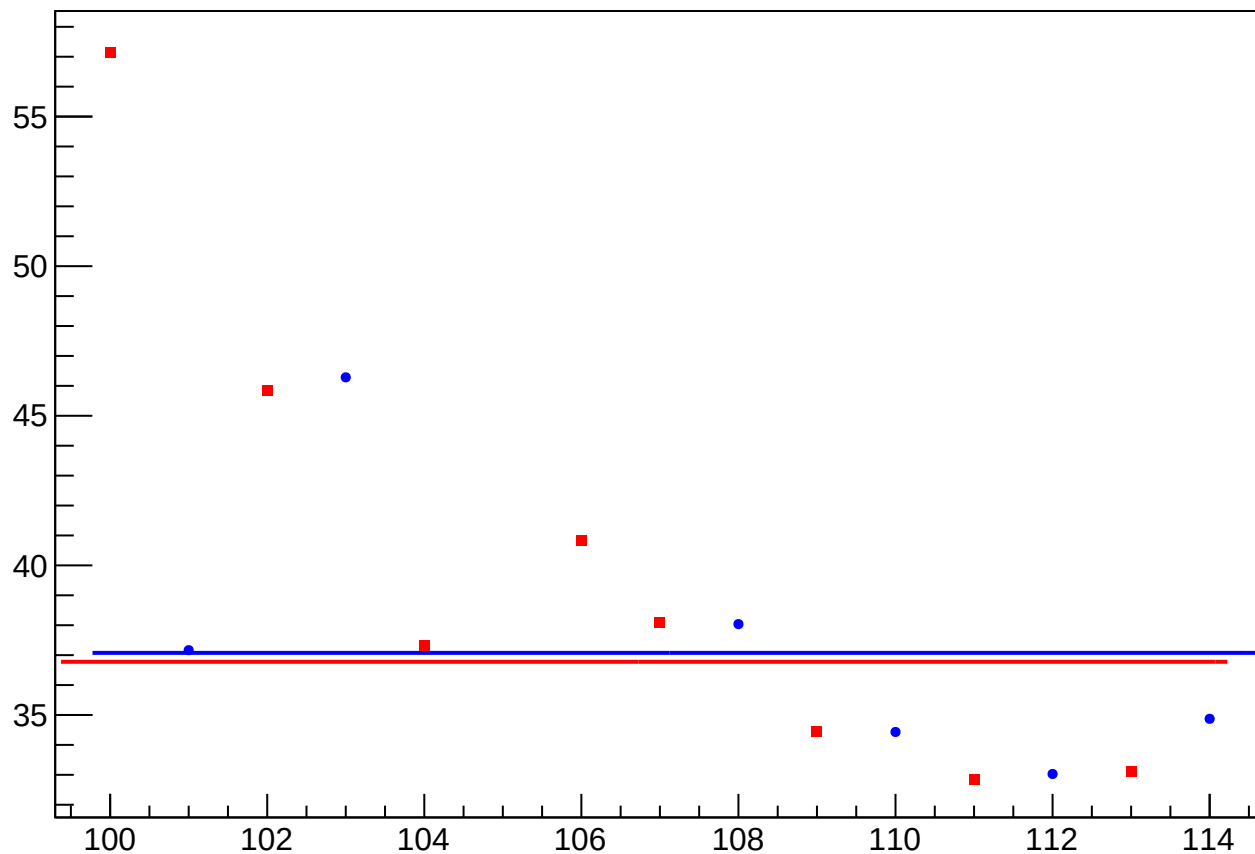
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.412 ± 15.472 χ^2/NDF : 18.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.076+/-0.016 χ^2/NDF : 68449.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.778+/-0.015 χ^2/NDF : 104100.2/7

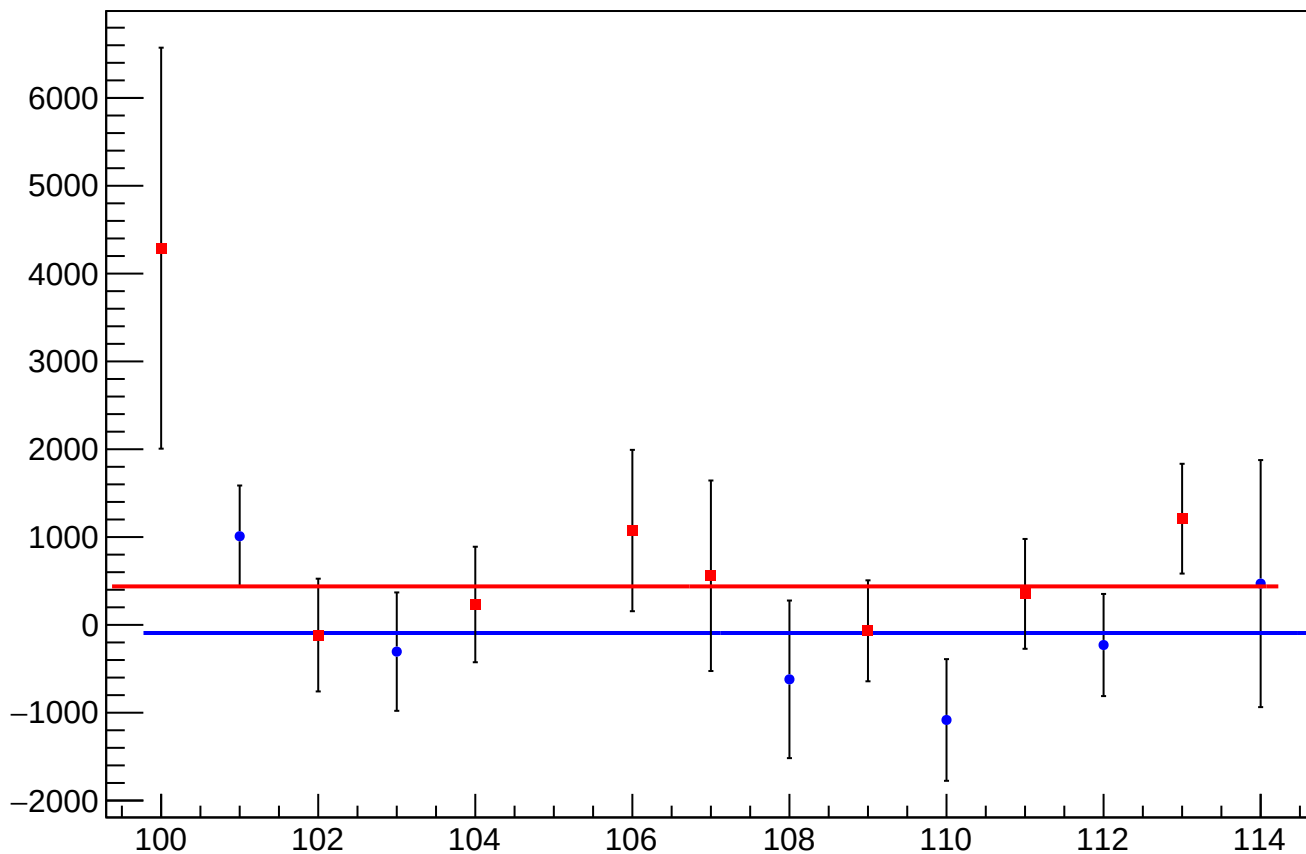
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.912+/-0.011 χ^2/NDF : 172732.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



Right In: -92.325+/-288.793 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.205+/-257.268 χ^2/NDF : 6.5/7

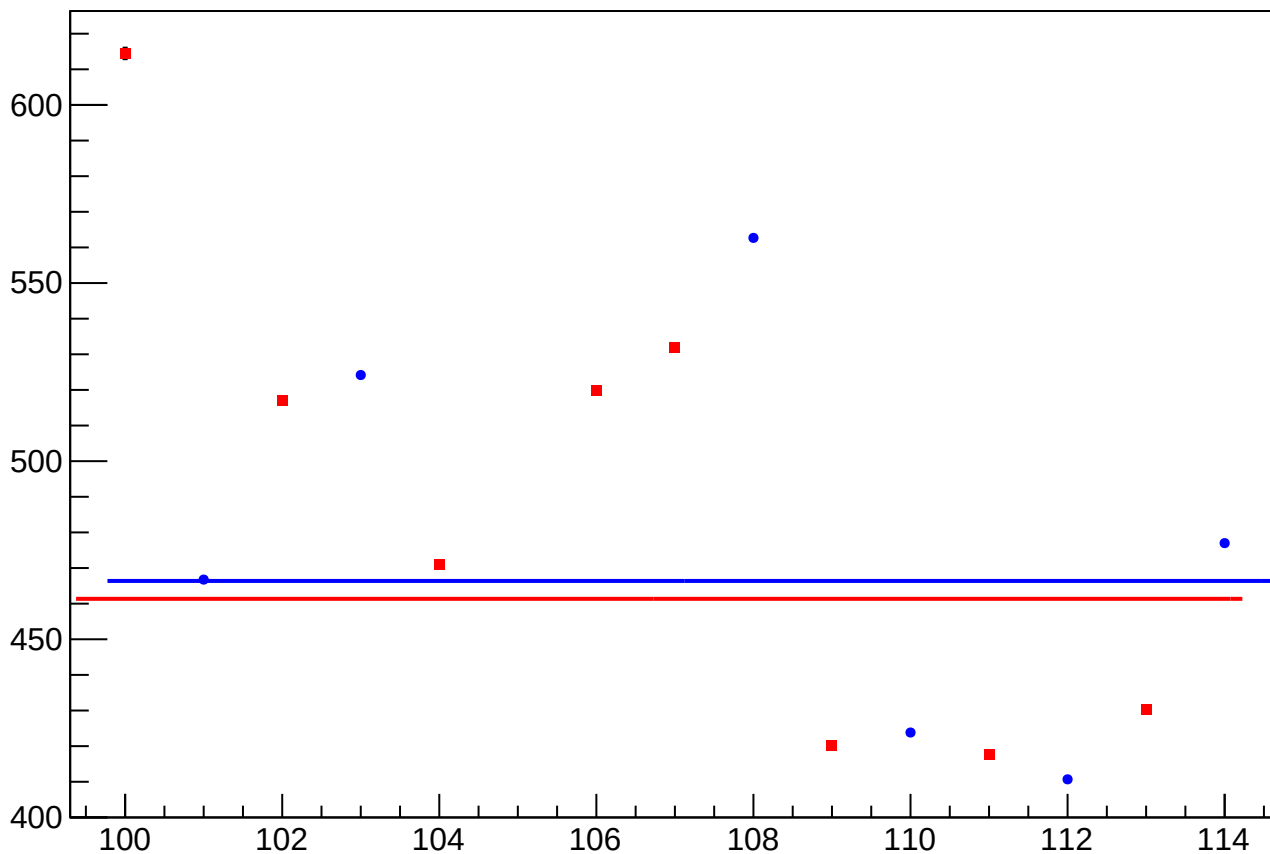
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.466+/-192.098 χ^2/NDF : 14.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



Right In: 466.377 $\pm$ 0.204 χ^2 /NDF: 63753.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 461.355 $\pm$ 0.182 χ^2 /NDF: 66056.2/7

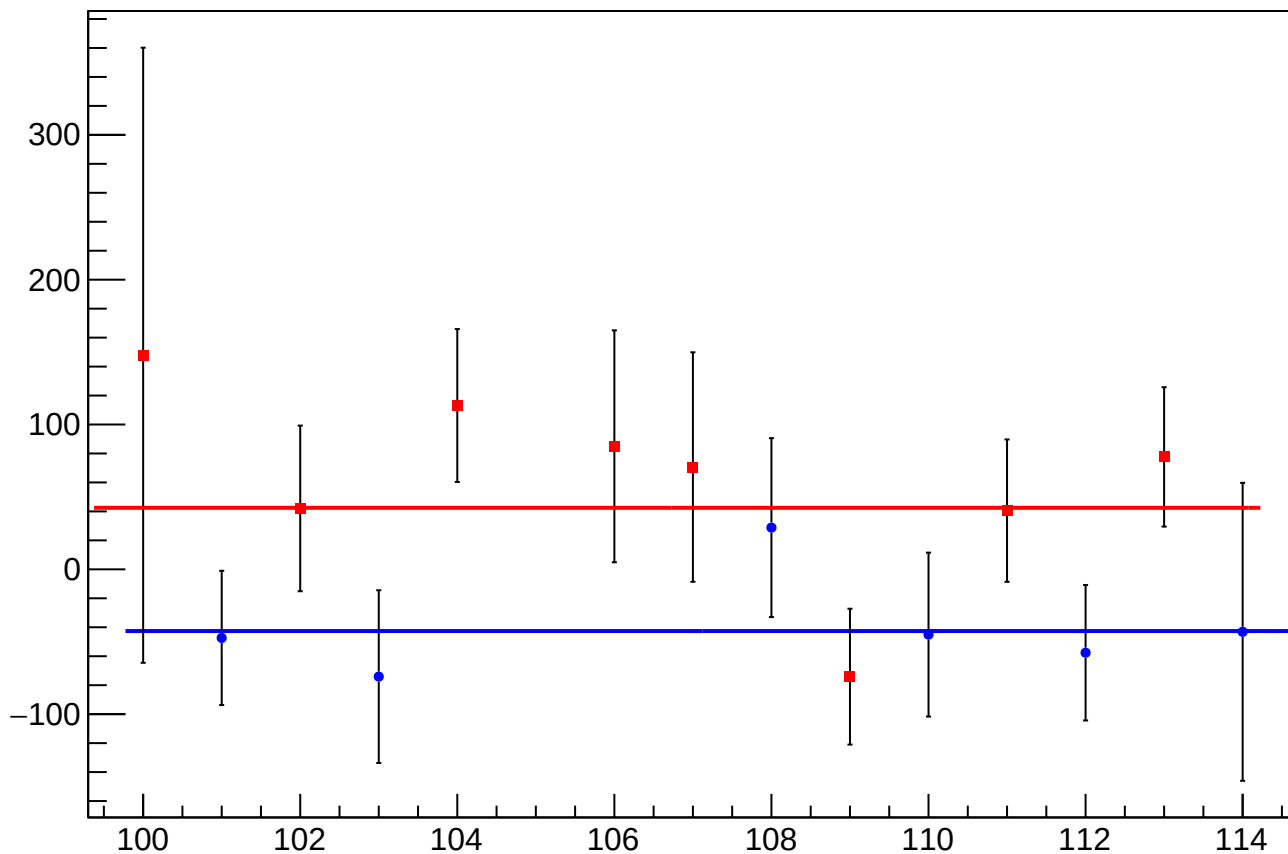
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 463.577 $\pm$ 0.136 χ^2 /NDF: 130146.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -42.614 $\pm$ 23.110 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.496 $\pm$ 20.843 χ^2 /NDF: 9.2/7

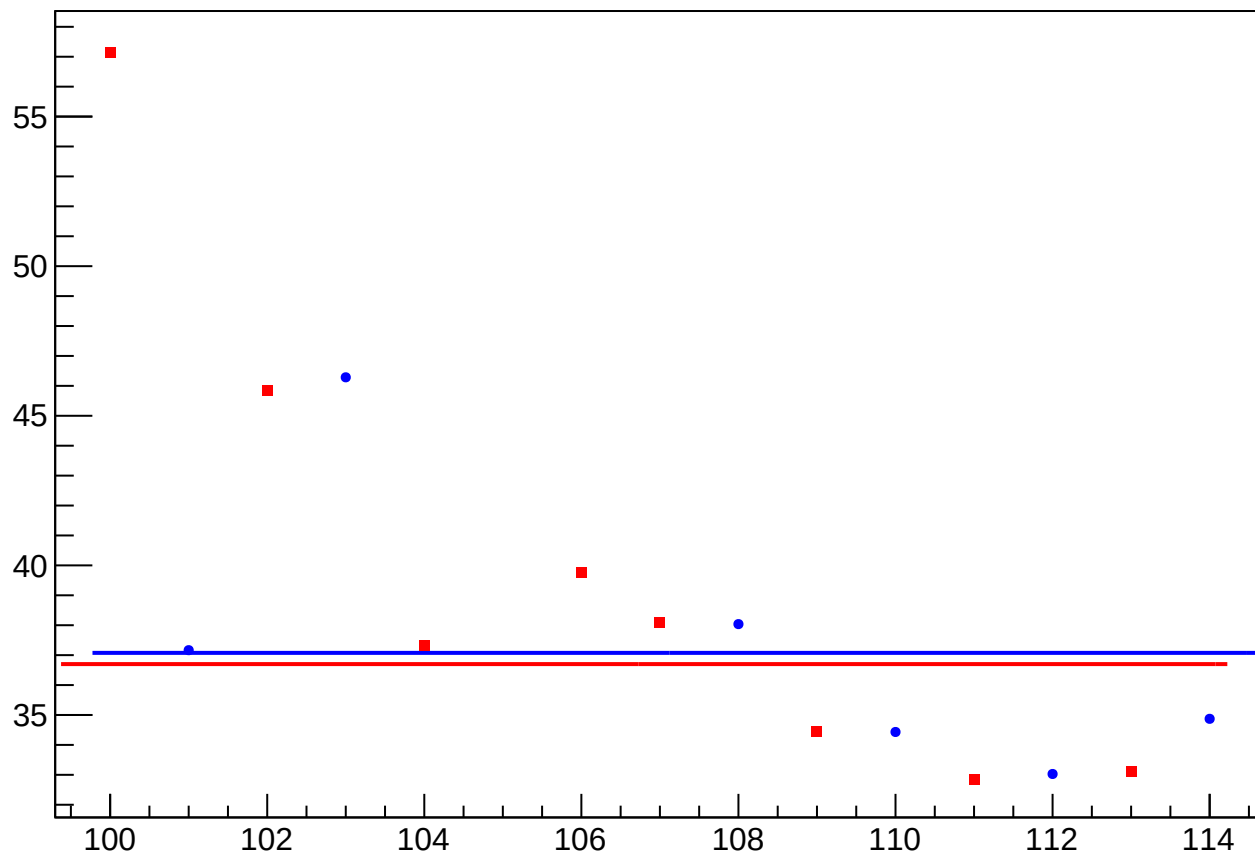
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.319 $\pm$ 15.478 χ^2 /NDF: 18.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.076 $\pm$ 0.016 χ^2 /NDF: 68451.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.701 $\pm$ 0.015 χ^2 /NDF: 101757.8/7

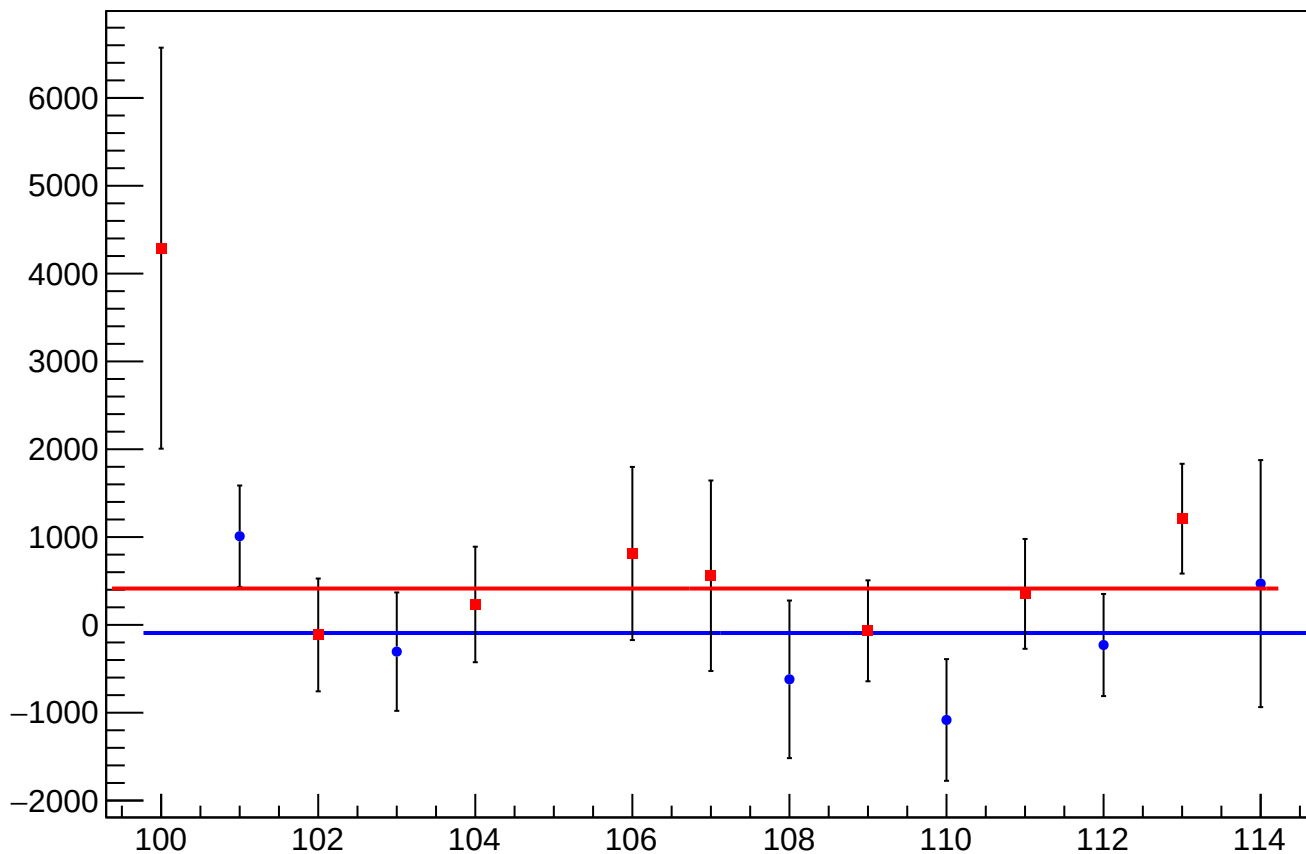
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.869 $\pm$ 0.011 χ^2 /NDF: 170499.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: -92.359 $\pm$ 288.795 χ^2 /NDF: 6.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 413.931 $\pm$ 258.626 χ^2 /NDF: 6.1/7

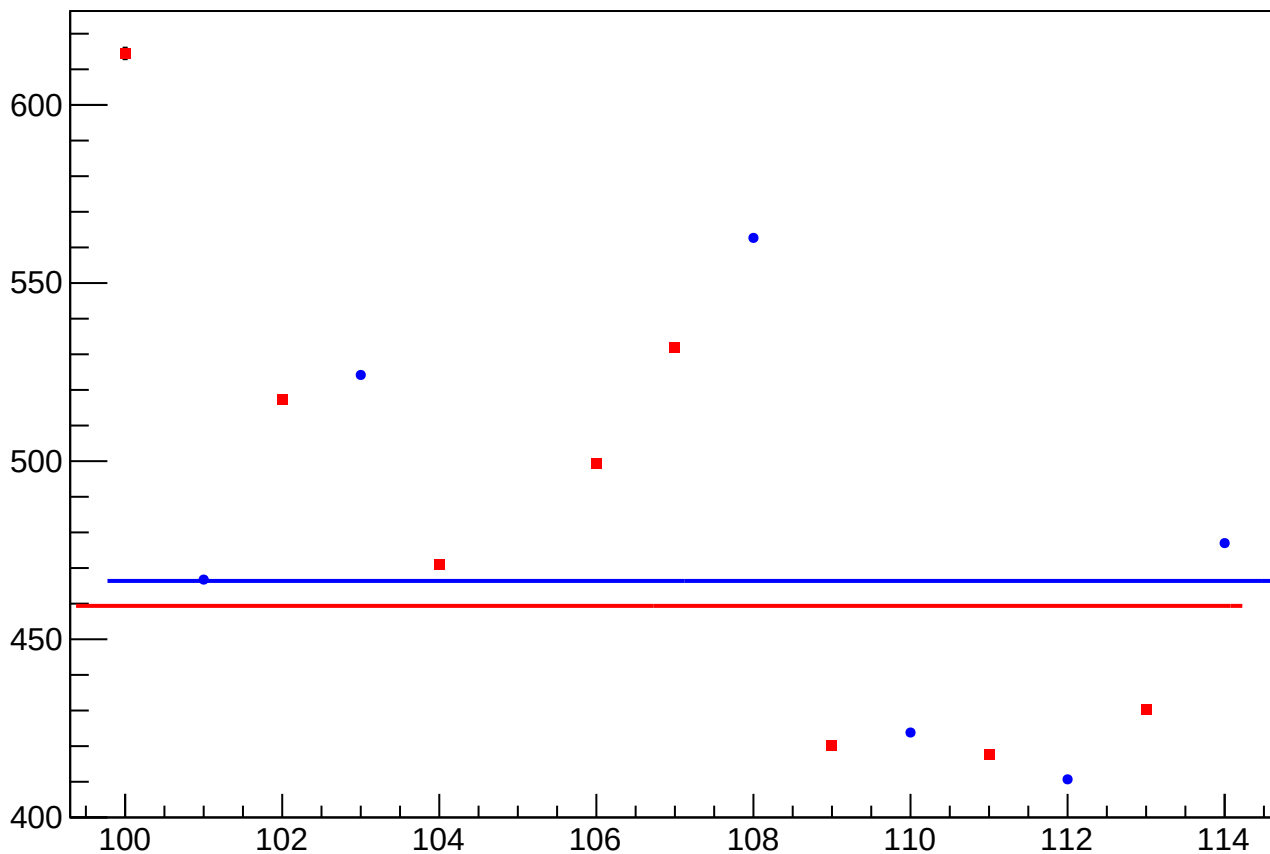
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.604 $\pm$ 192.662 χ^2 /NDF: 14.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



Right In: 466.380 $\pm$ 0.204 χ^2 /NDF: 63764.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 459.376 $\pm$ 0.183 χ^2 /NDF: 60941.1/7

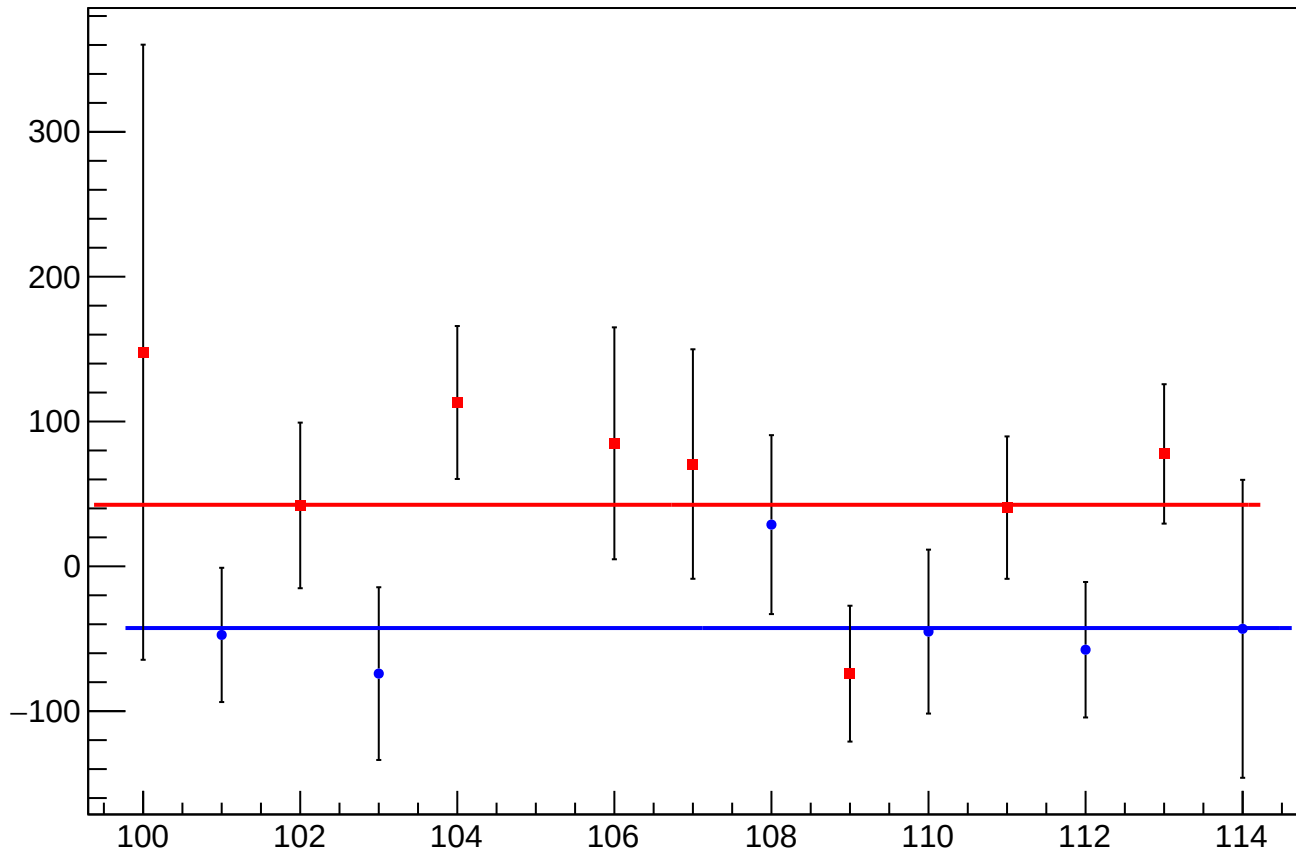
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 462.493 $\pm$ 0.136 χ^2 /NDF: 125358.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -42.614 $\pm$ 23.110 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.496 $\pm$ 20.843 χ^2 /NDF: 9.2/7

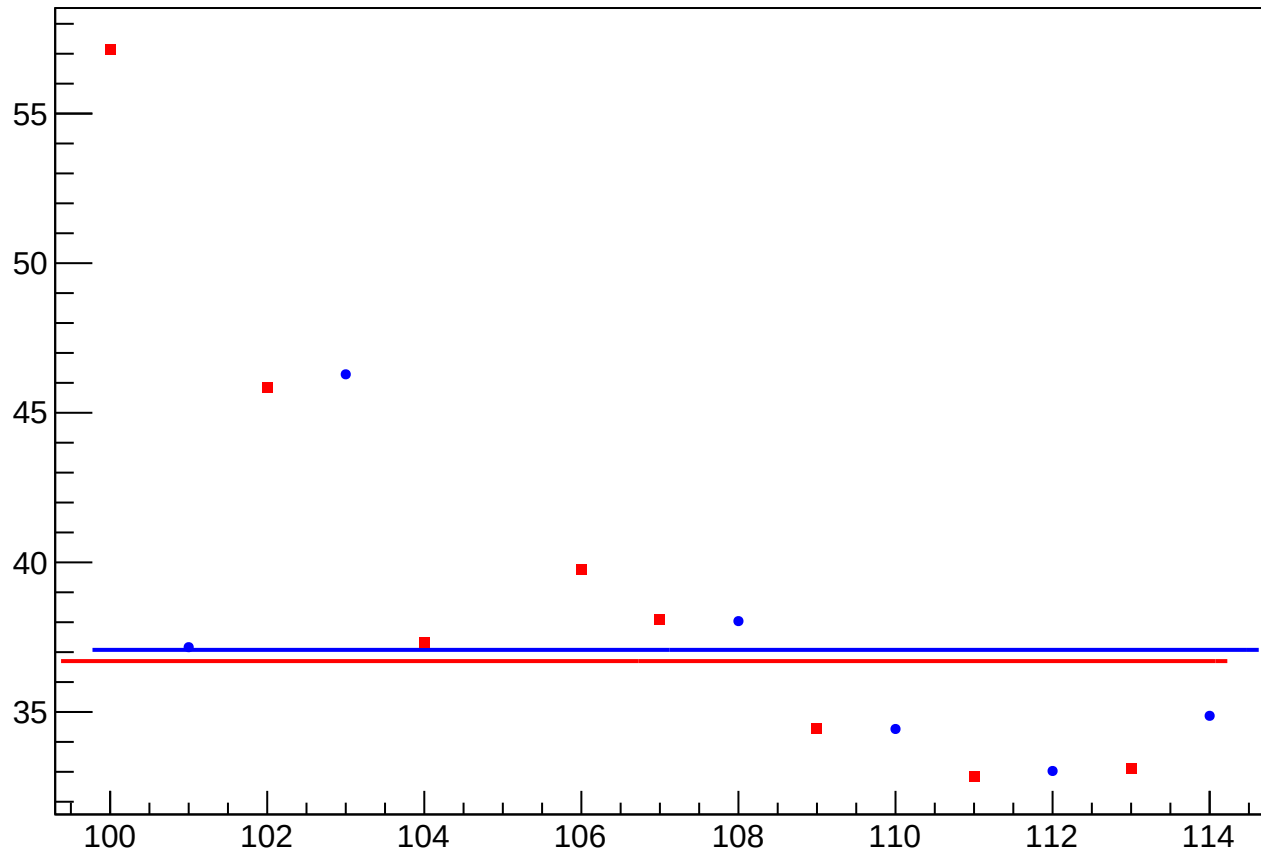
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.319 $\pm$ 15.478 χ^2 /NDF: 18.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.076 $\pm$ 0.016 χ^2 /NDF: 68451.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.701 $\pm$ 0.015 χ^2 /NDF: 101757.8/7

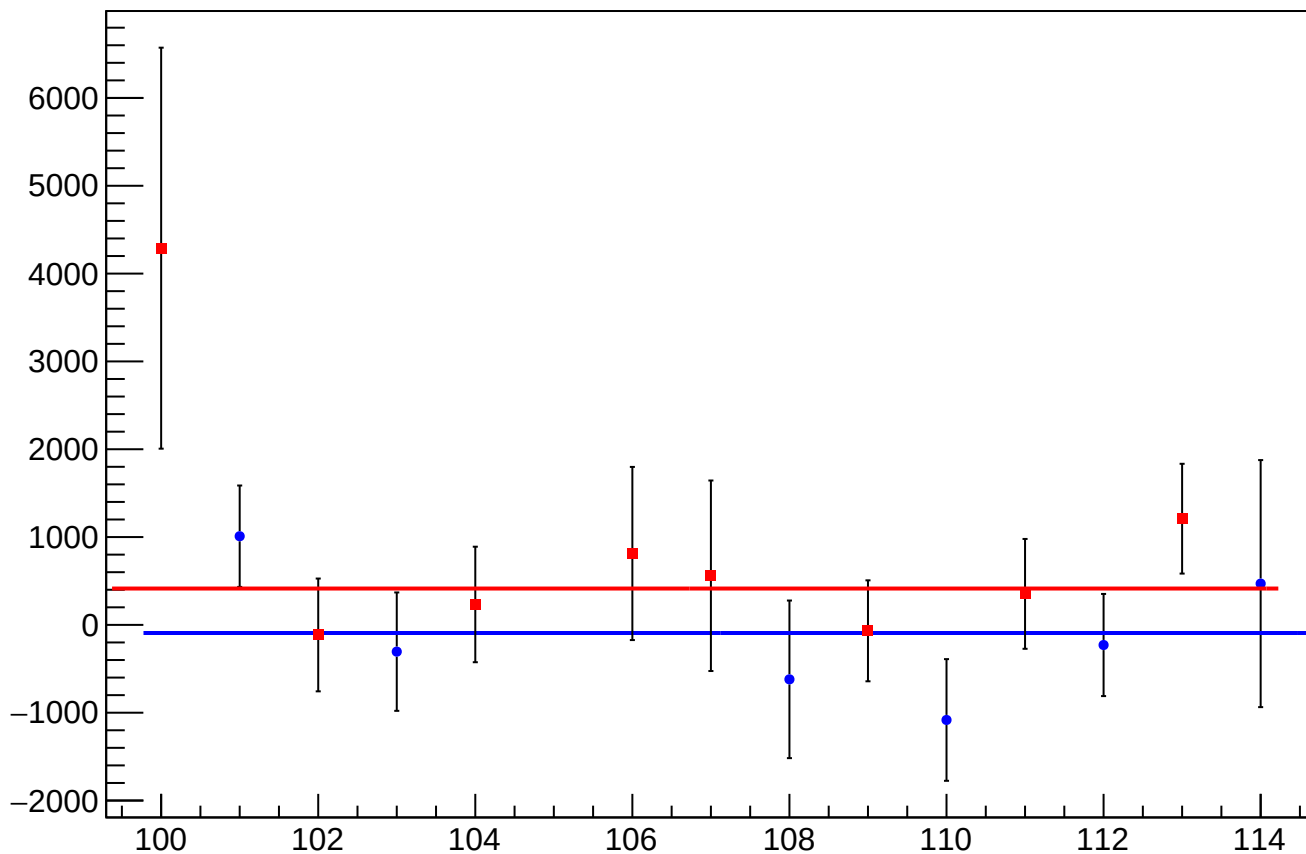
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.869 $\pm$ 0.011 χ^2 /NDF: 170499.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



Right In: -92.359+/-288.795 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.931+/-258.626 χ^2/NDF : 6.1/7

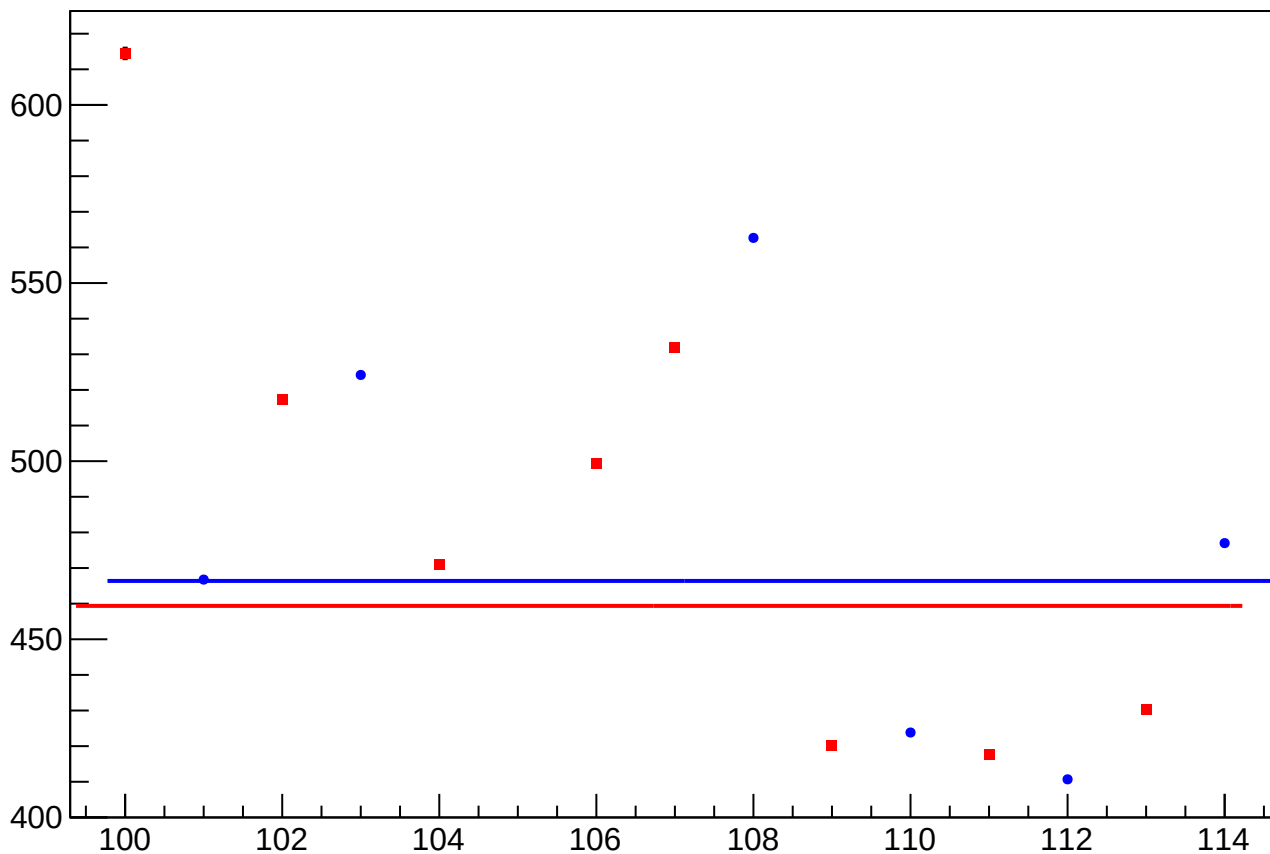
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.604+/-192.662 χ^2/NDF : 14.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug



Right In: 466.380 $\pm$ 0.204 χ^2 /NDF: 63764.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 459.376 $\pm$ 0.183 χ^2 /NDF: 60941.1/7

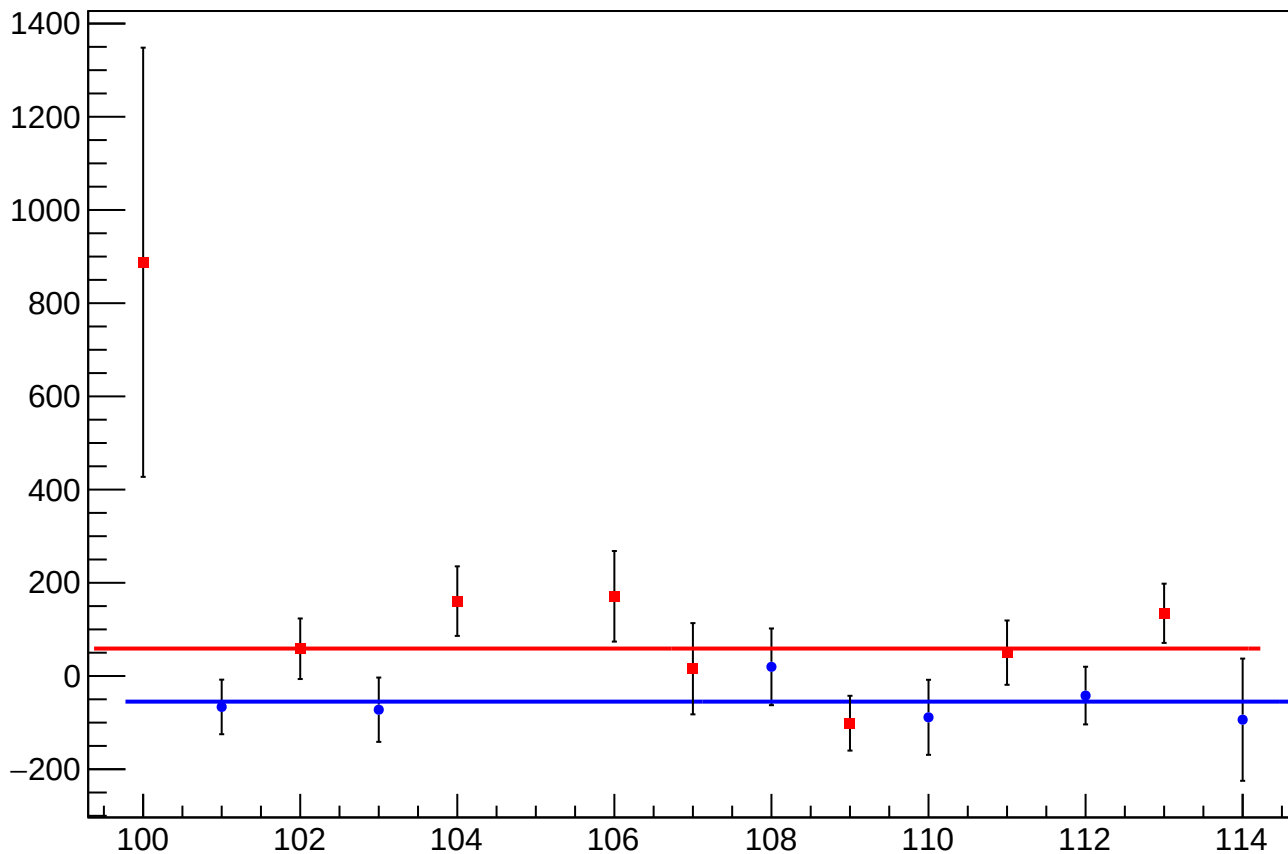
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 462.493 $\pm$ 0.136 χ^2 /NDF: 125358.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -54.960 $\pm$ 29.839 χ^2 /NDF: 1.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.928 $\pm$ 26.935 χ^2 /NDF: 15.5/7

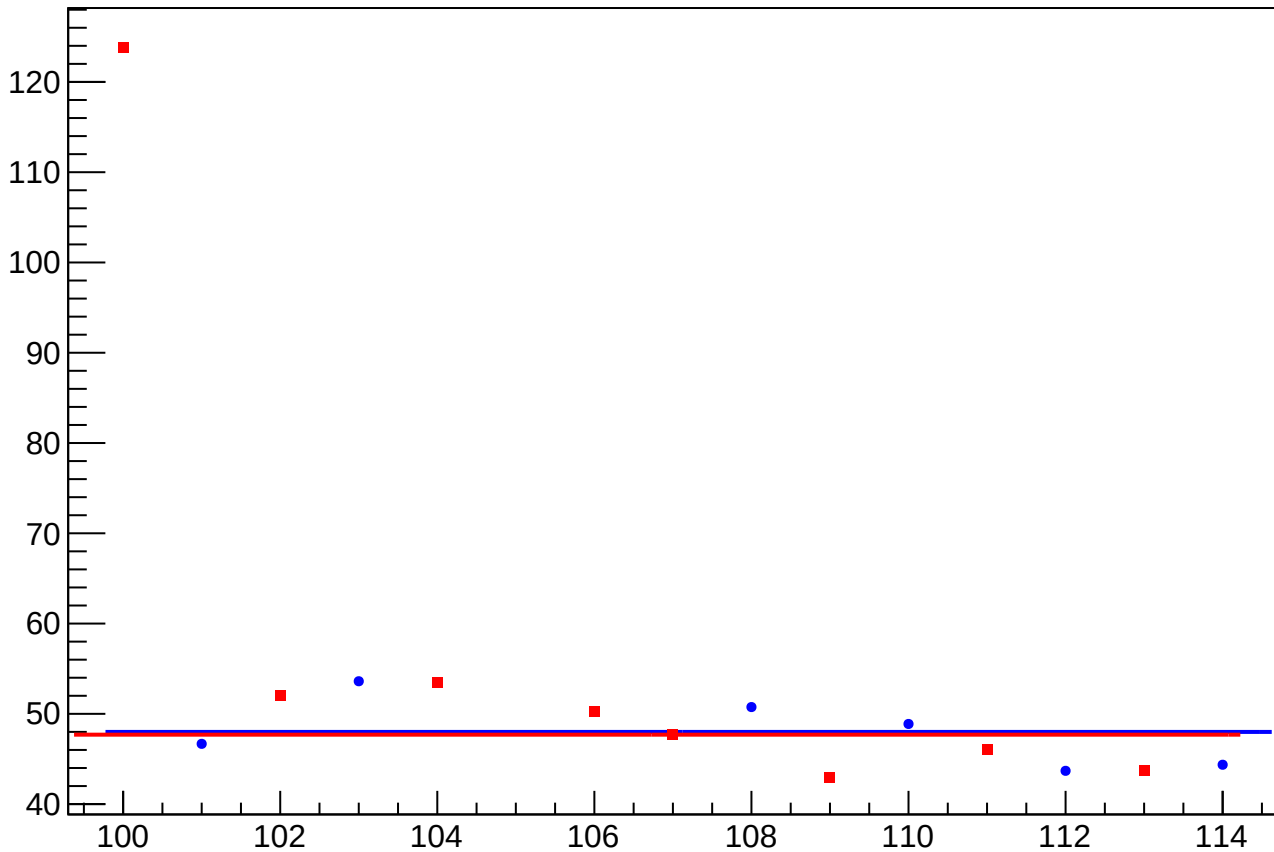
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.794 $\pm$ 19.994 χ^2 /NDF: 24.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 47.997 $\pm$ 0.021 χ^2 /NDF: 27970.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.692 $\pm$ 0.019 χ^2 /NDF: 99076.3/7

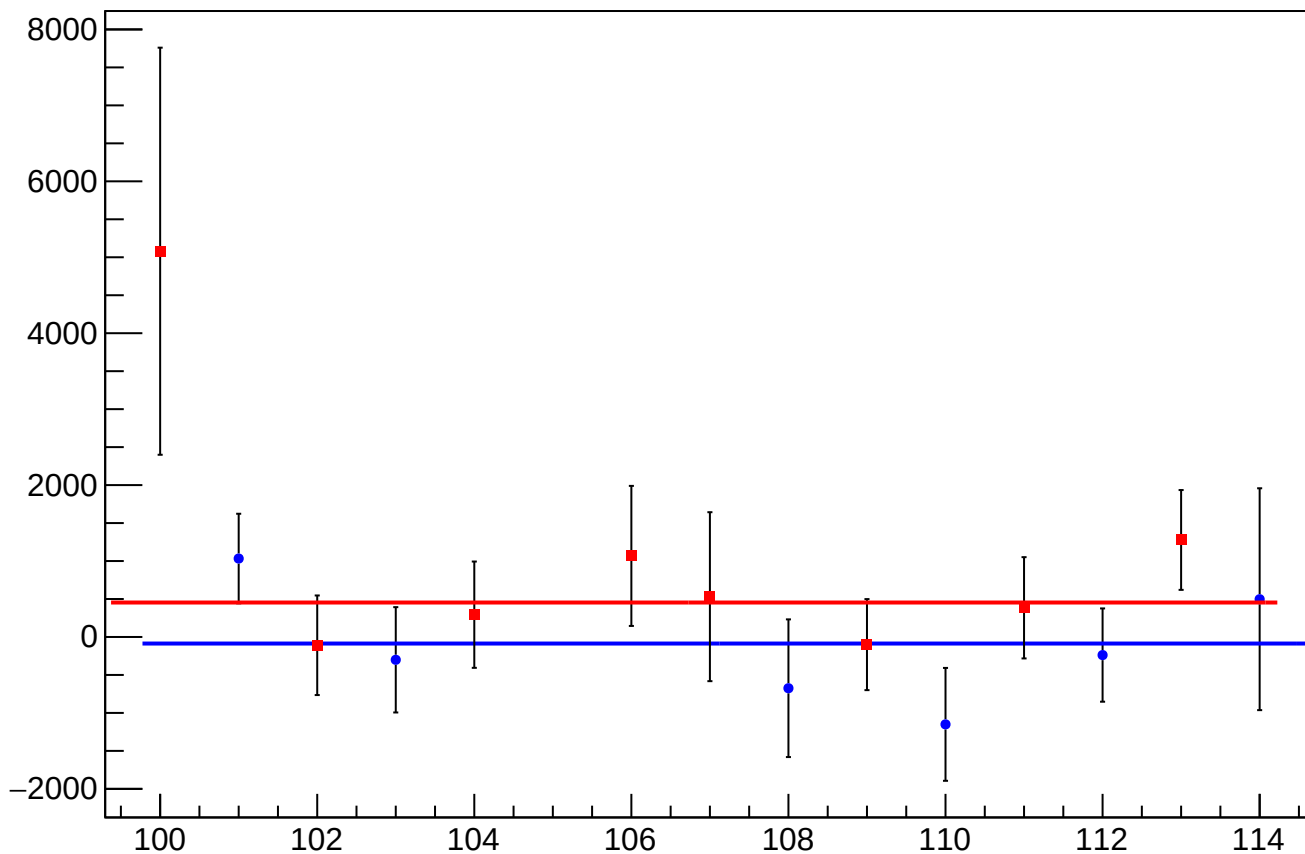
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.829 $\pm$ 0.014 χ^2 /NDF: 127161.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: -86.404 $\pm$ 300.137 χ^2/NDF : 6.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 453.729 $\pm$ 268.818 χ^2/NDF : 6.7/7

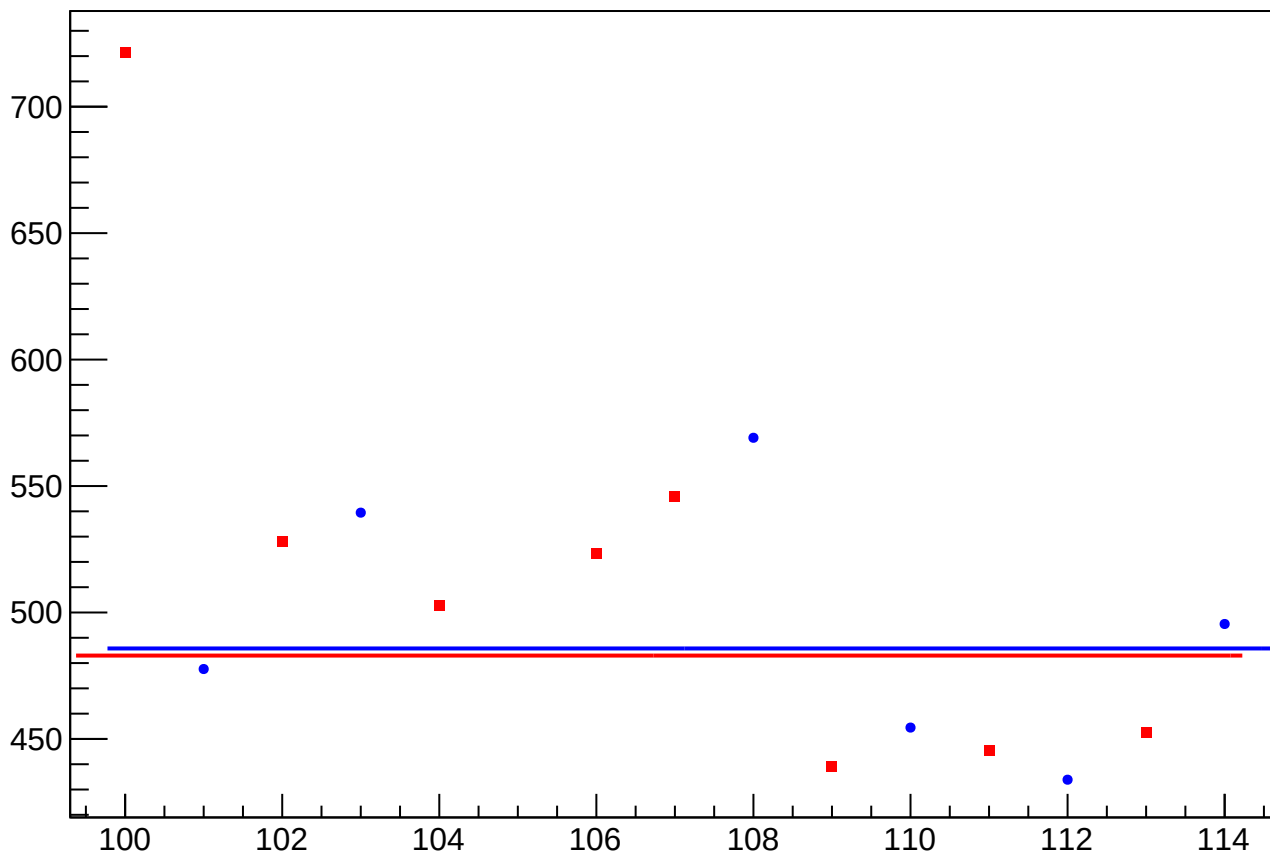
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 213.305 $\pm$ 200.243 χ^2/NDF : 14.8/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



Right In: 485.777 $\pm$ 0.212 χ^2 /NDF: 47170.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.967 $\pm$ 0.190 χ^2 /NDF: 58461.1/7

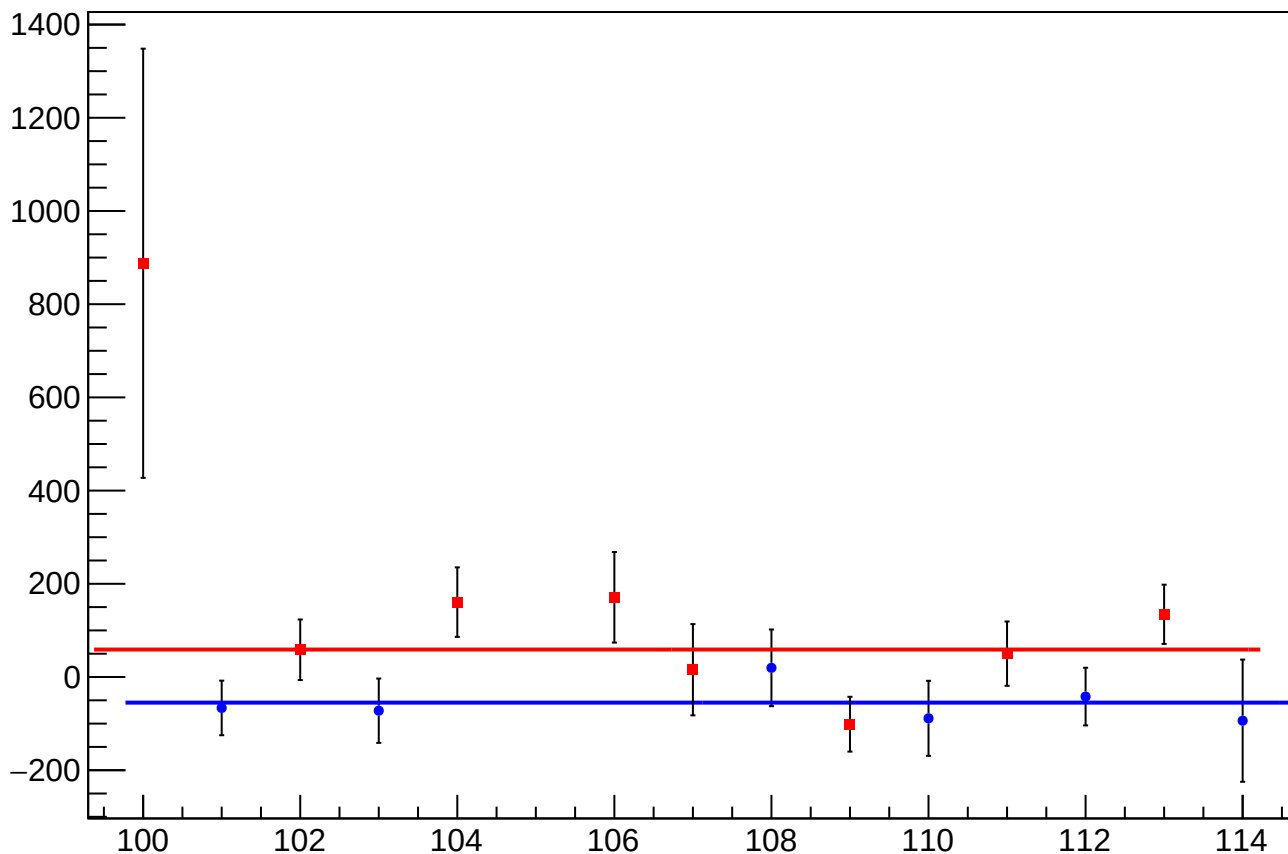
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 484.218 $\pm$ 0.142 χ^2 /NDF: 105728.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -54.958 ± 29.839 χ^2/NDF : 1.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 58.926 ± 26.935 χ^2/NDF : 15.5/7

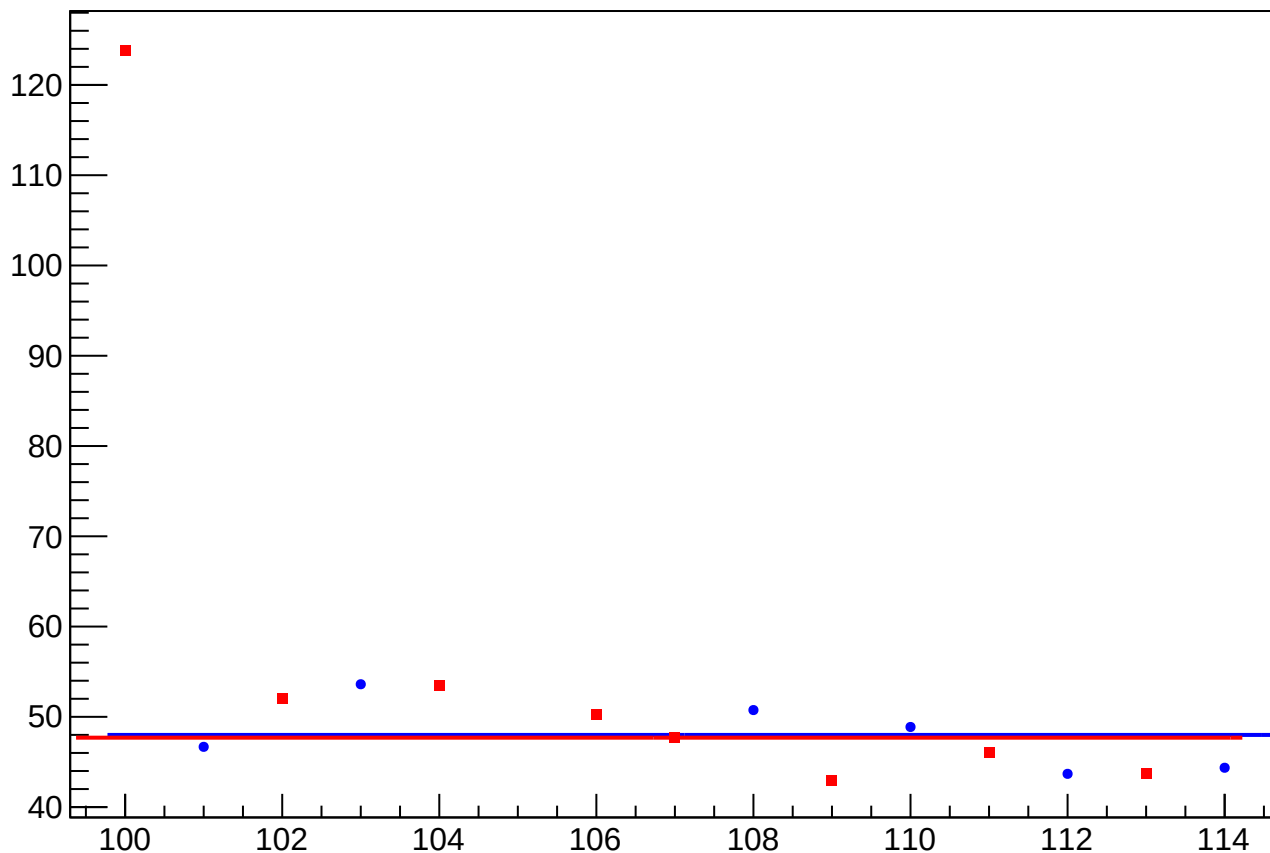
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.794 ± 19.994 χ^2/NDF : 24.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 47.996 $\pm$ 0.021 χ^2 /NDF: 27978.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.691 $\pm$ 0.019 χ^2 /NDF: 99087.2/7

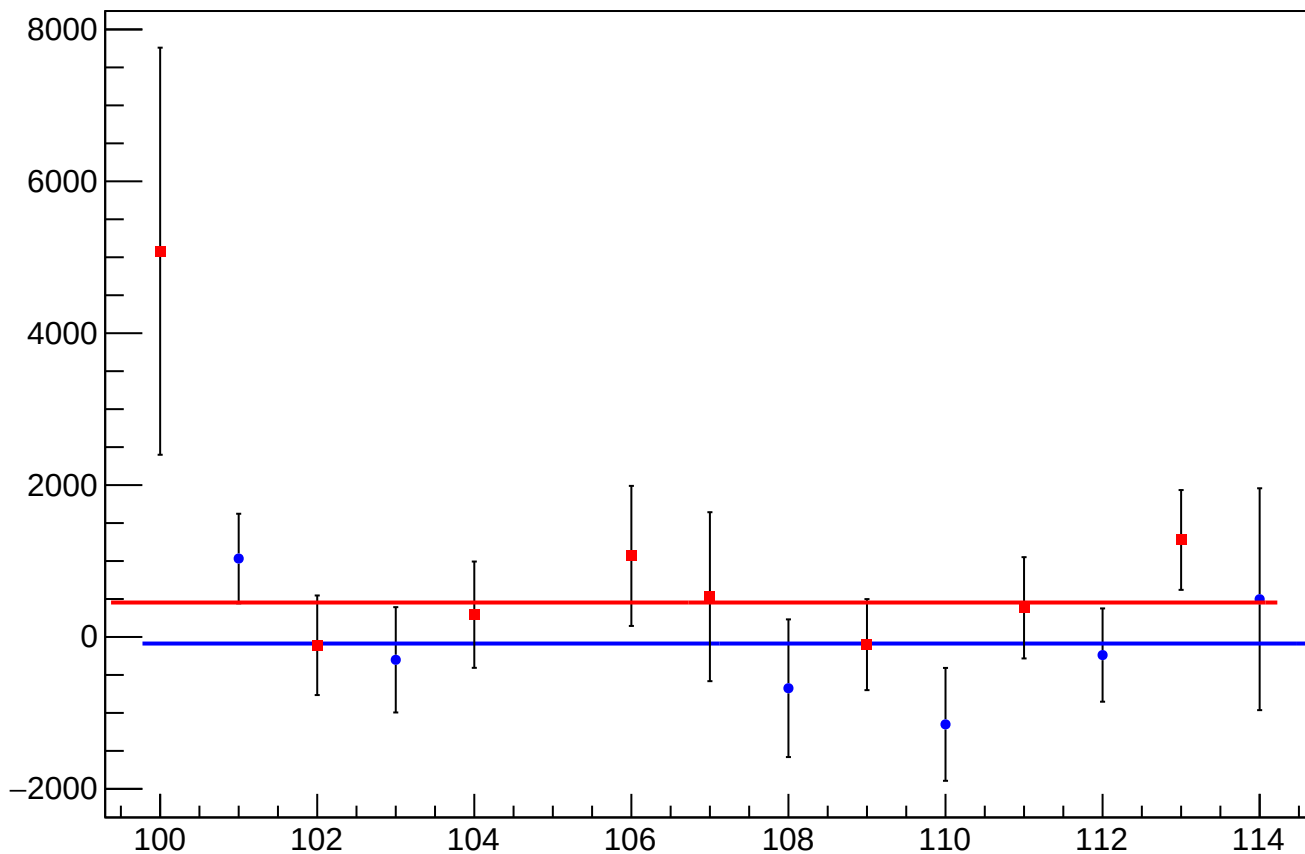
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.828 $\pm$ 0.014 χ^2 /NDF: 127180.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: -86.405+/-300.136 χ^2/NDF : 6.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.728+/-268.817 χ^2/NDF : 6.7/7

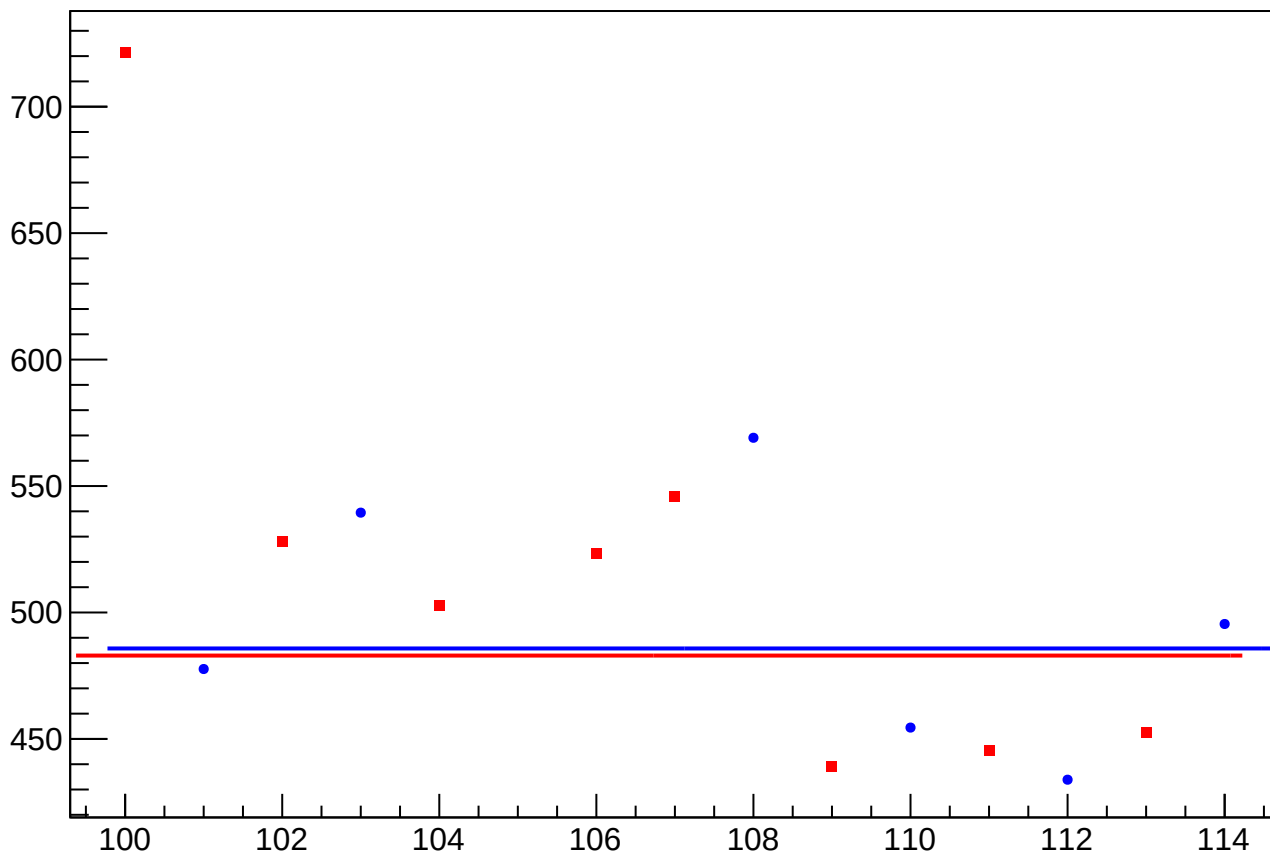
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.304+/-200.243 χ^2/NDF : 14.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug



Right In: 485.775 $\pm$ 0.212 χ^2 /NDF: 47173.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.965 $\pm$ 0.190 χ^2 /NDF: 58464.1/7

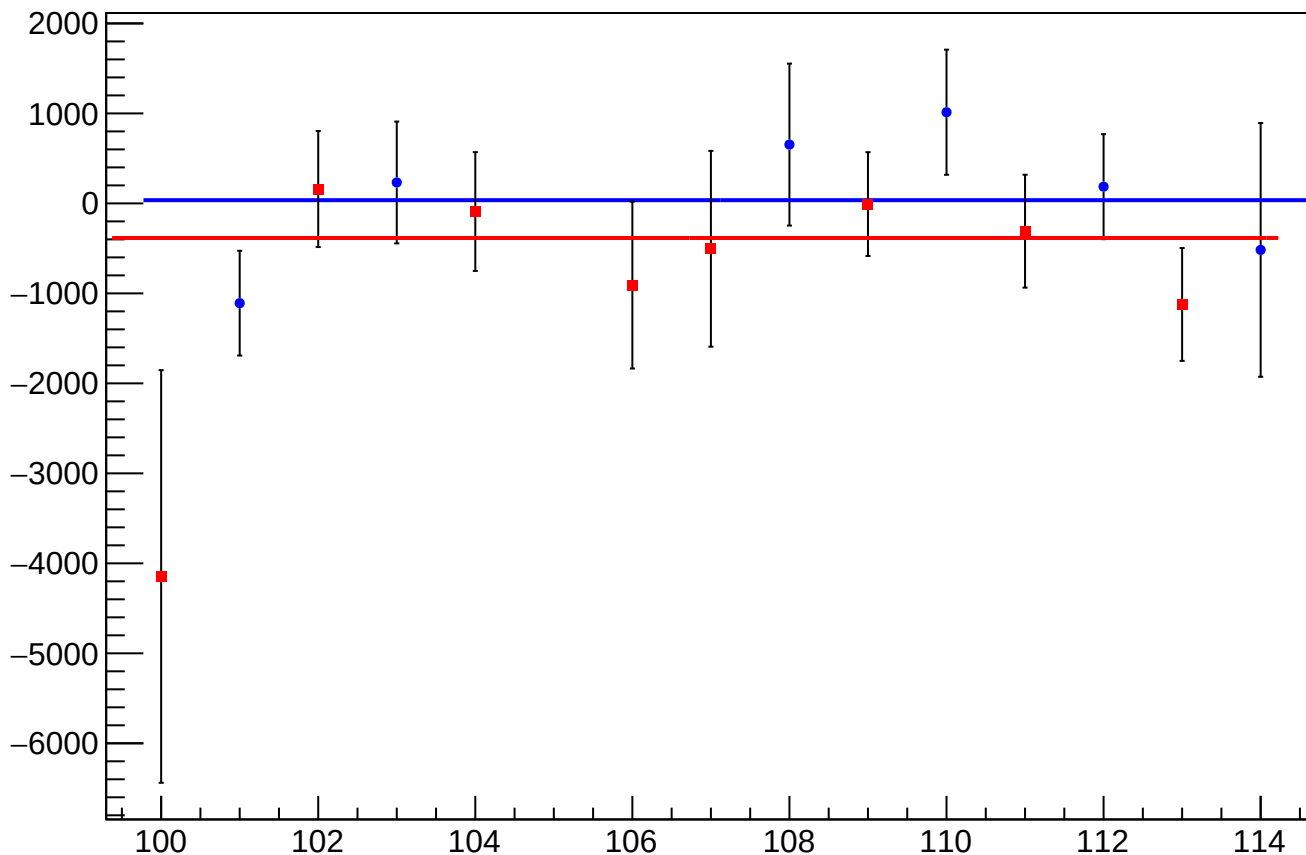
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 484.216 $\pm$ 0.142 χ^2 /NDF: 105734.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: 35.723+/-290.134 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -384.201+/-258.288 χ^2/NDF : 5.8/7

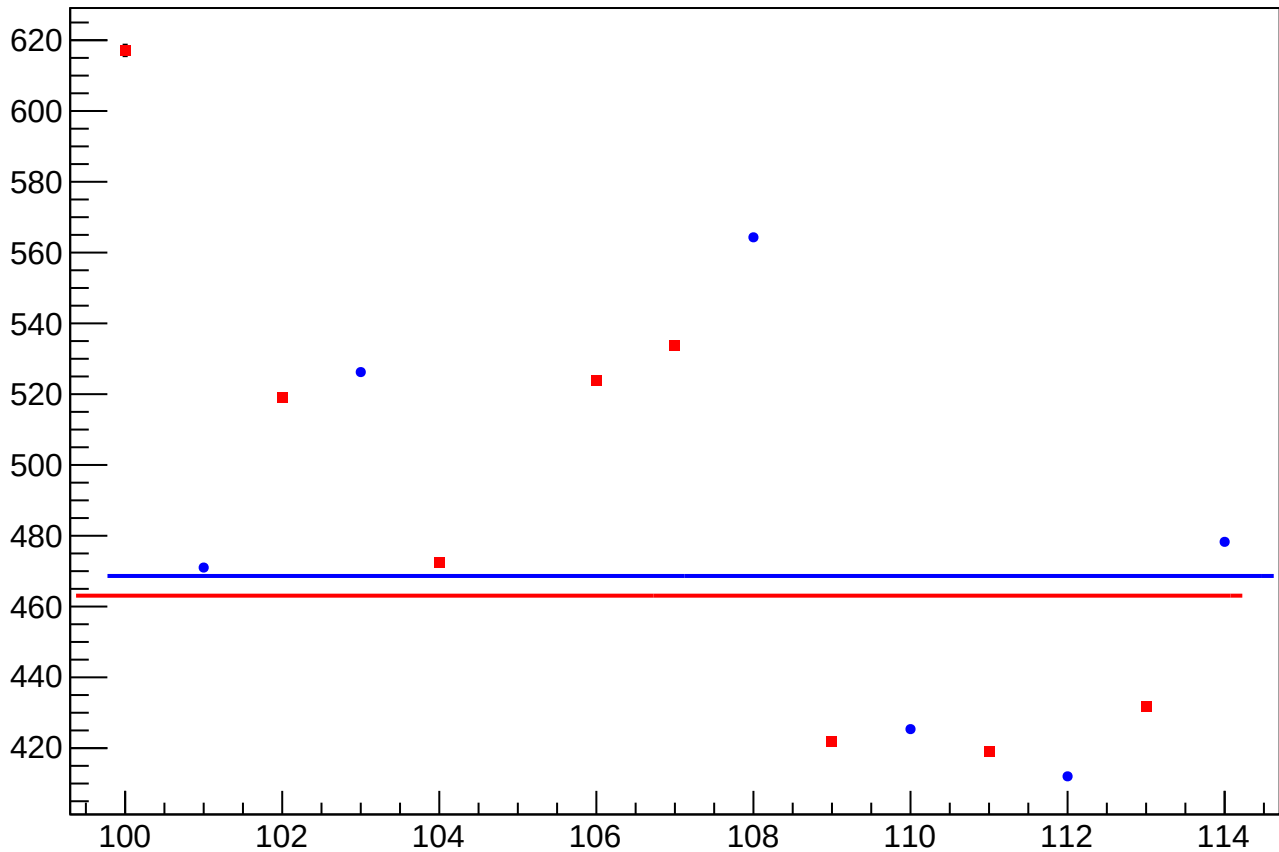
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.541+/-192.918 χ^2/NDF : 13.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 468.641 $\pm$ 0.205 χ^2 /NDF: 63799.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.076 $\pm$ 0.183 χ^2 /NDF: 66754.4/7

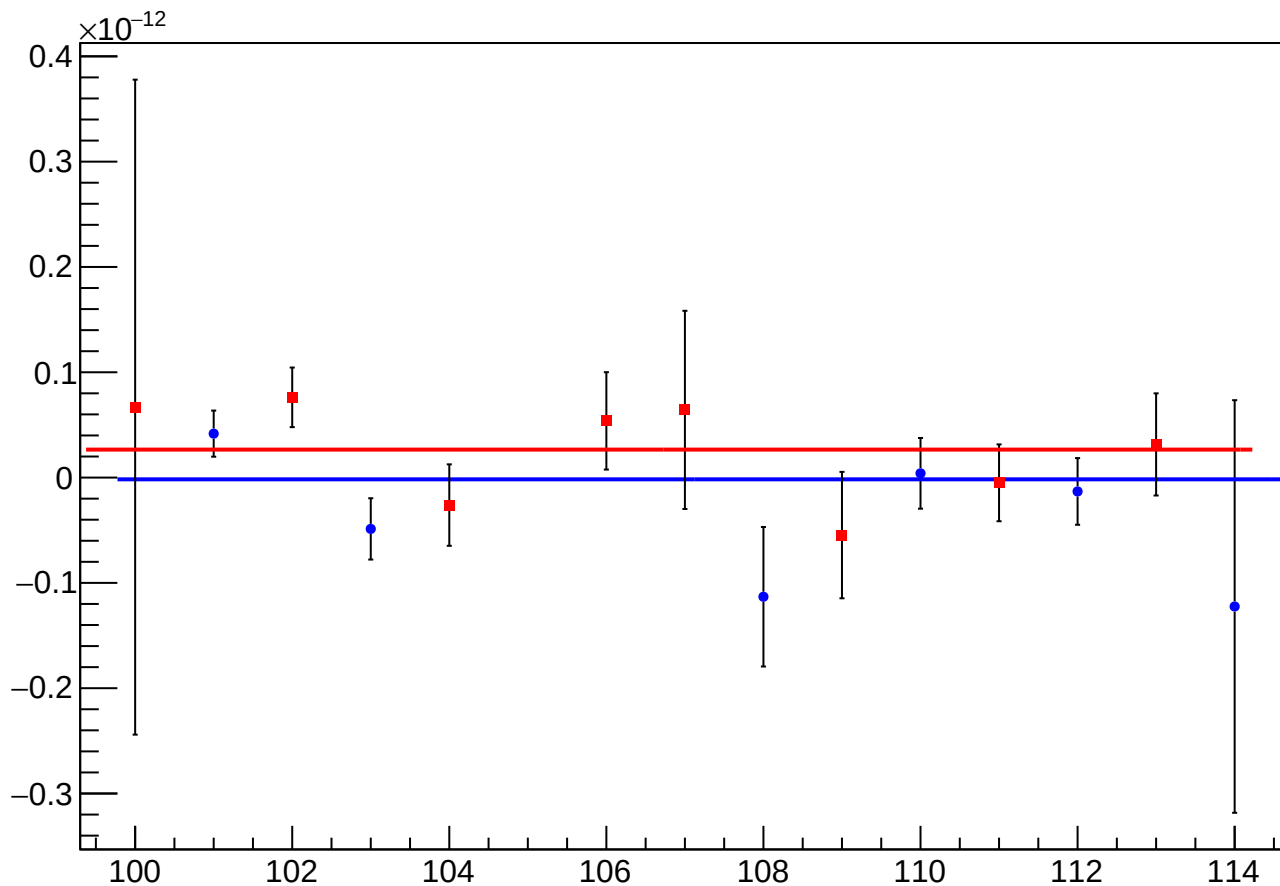
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 465.536 $\pm$ 0.136 χ^2 /NDF: 130964.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 9.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.0/7

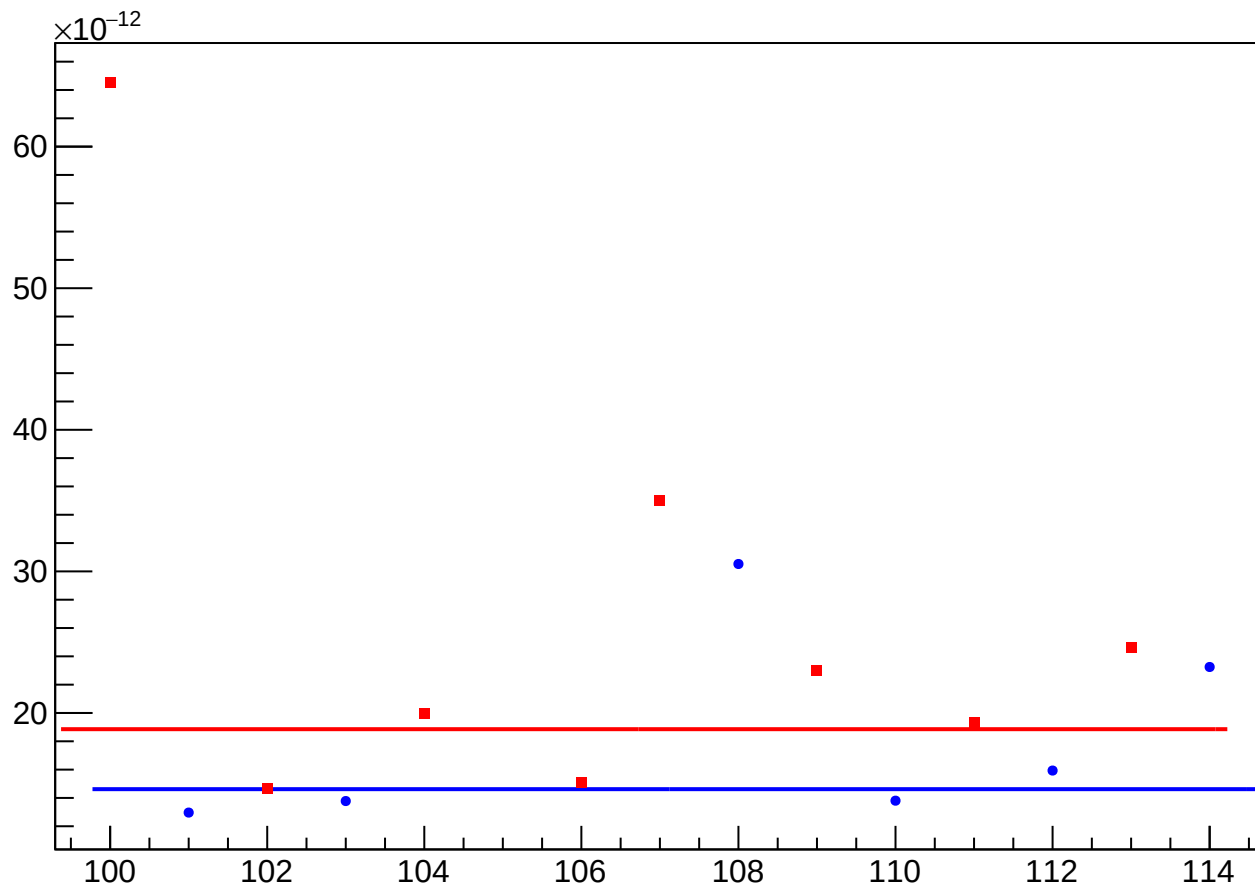
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.8/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 136828.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 199062.3/7

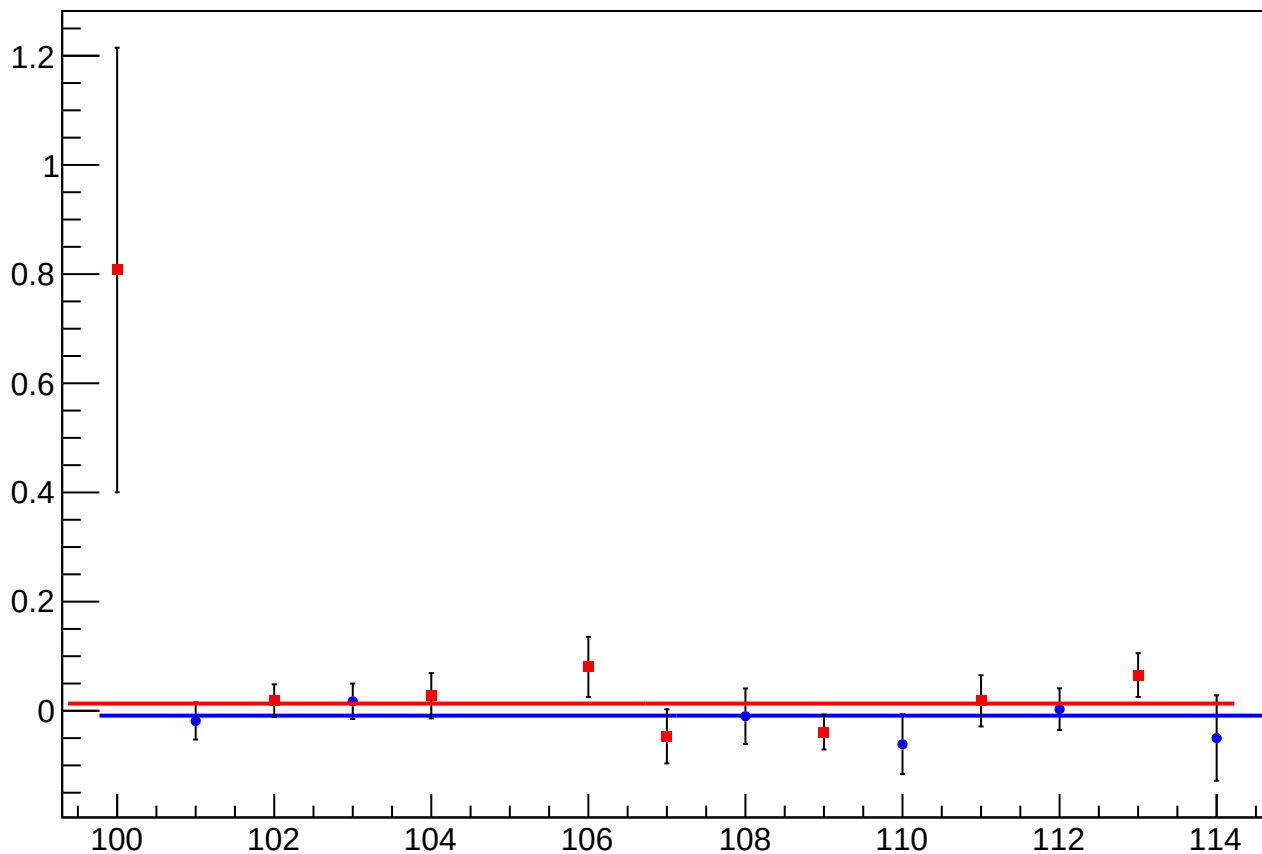
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 417957.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.017 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

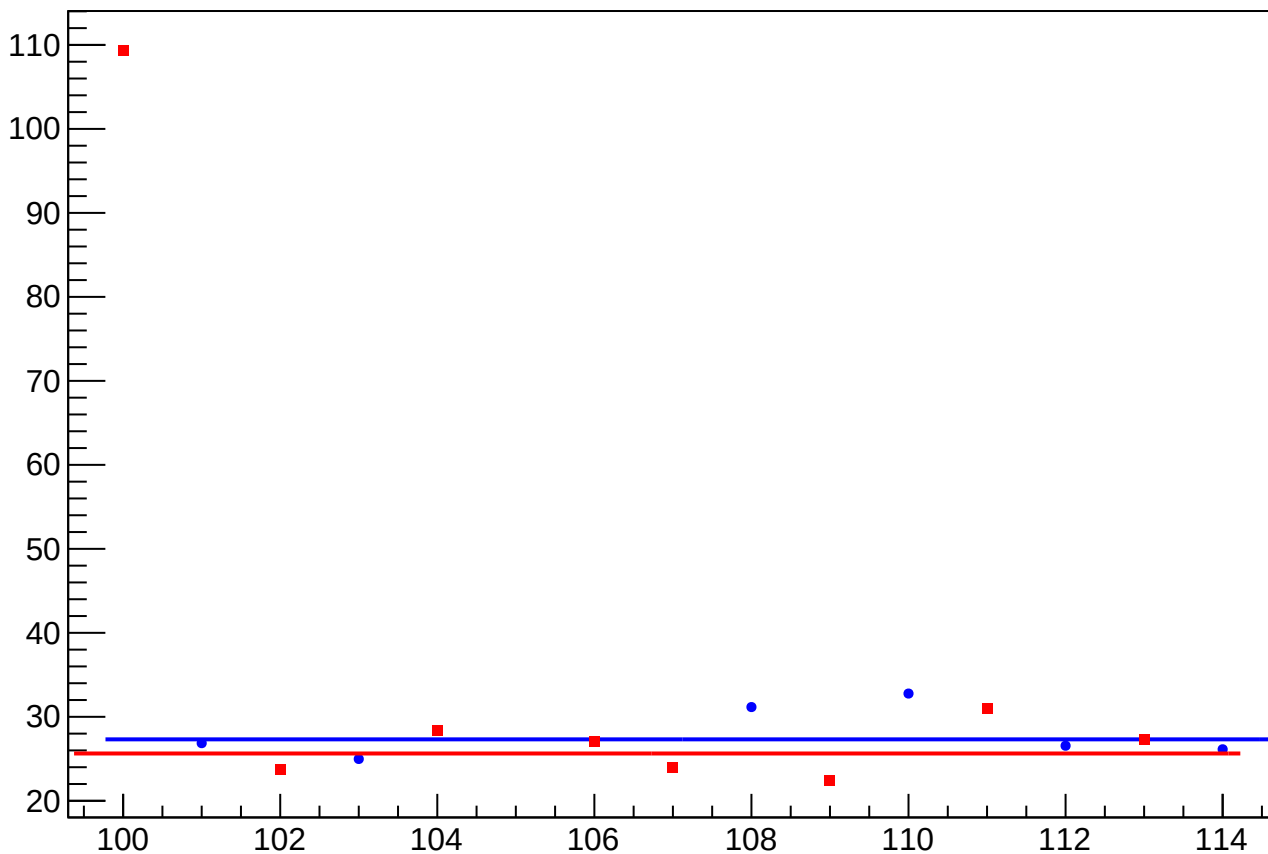
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.011 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.317 $\pm$ 0.012 χ^2 /NDF: 43342.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.634 $\pm$ 0.011 χ^2 /NDF: 155420.6/7

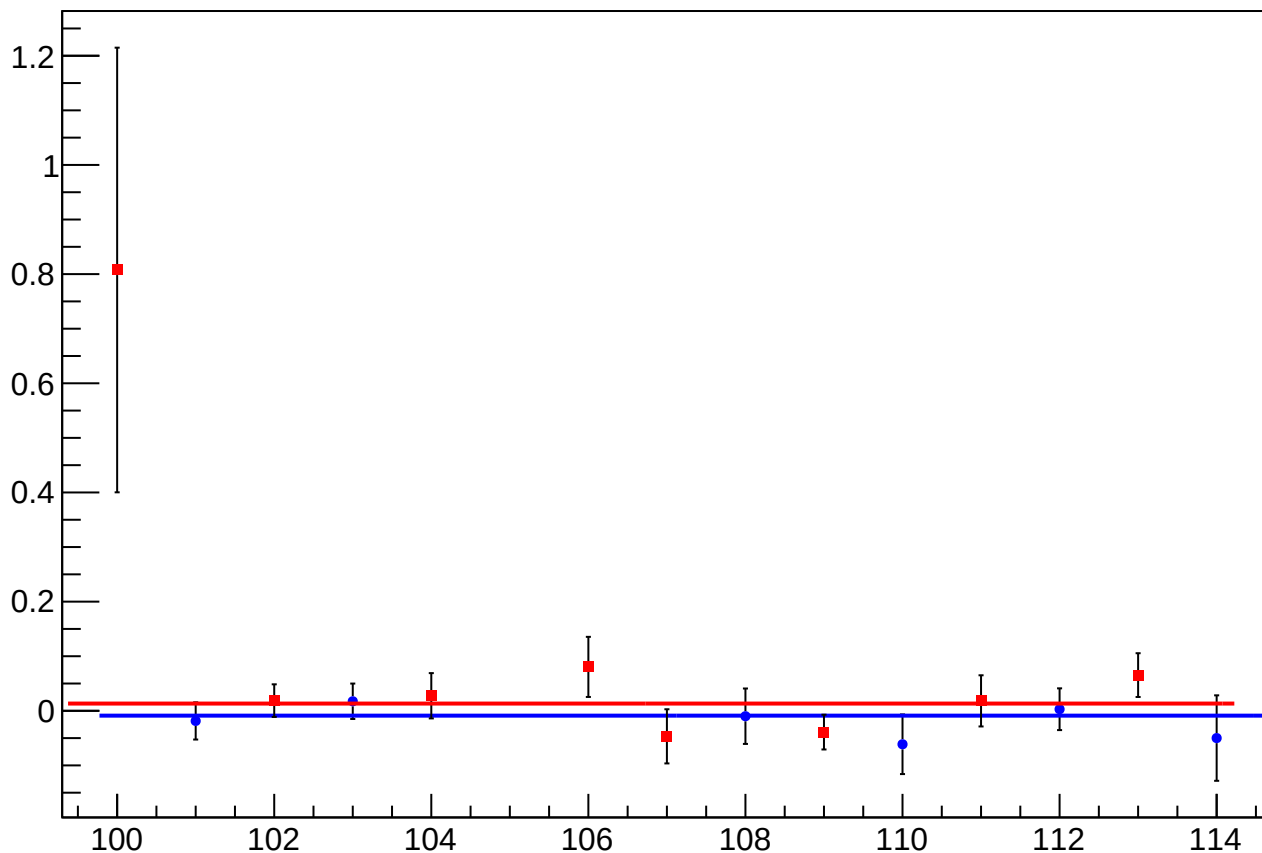
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.356 $\pm$ 0.008 χ^2 /NDF: 209704.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.017 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

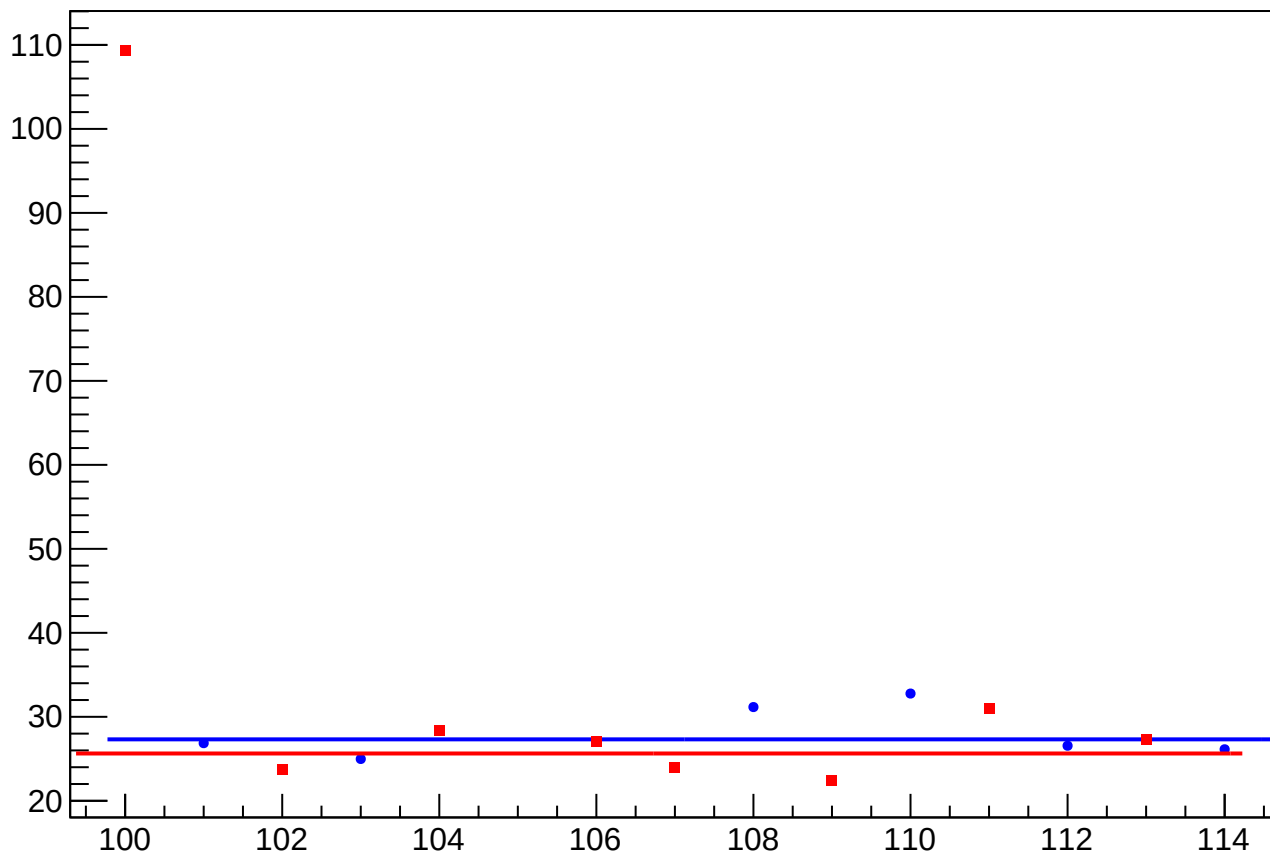
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.011 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.317 $\pm$ 0.012 χ^2 /NDF: 43342.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.634 $\pm$ 0.011 χ^2 /NDF: 155420.6/7

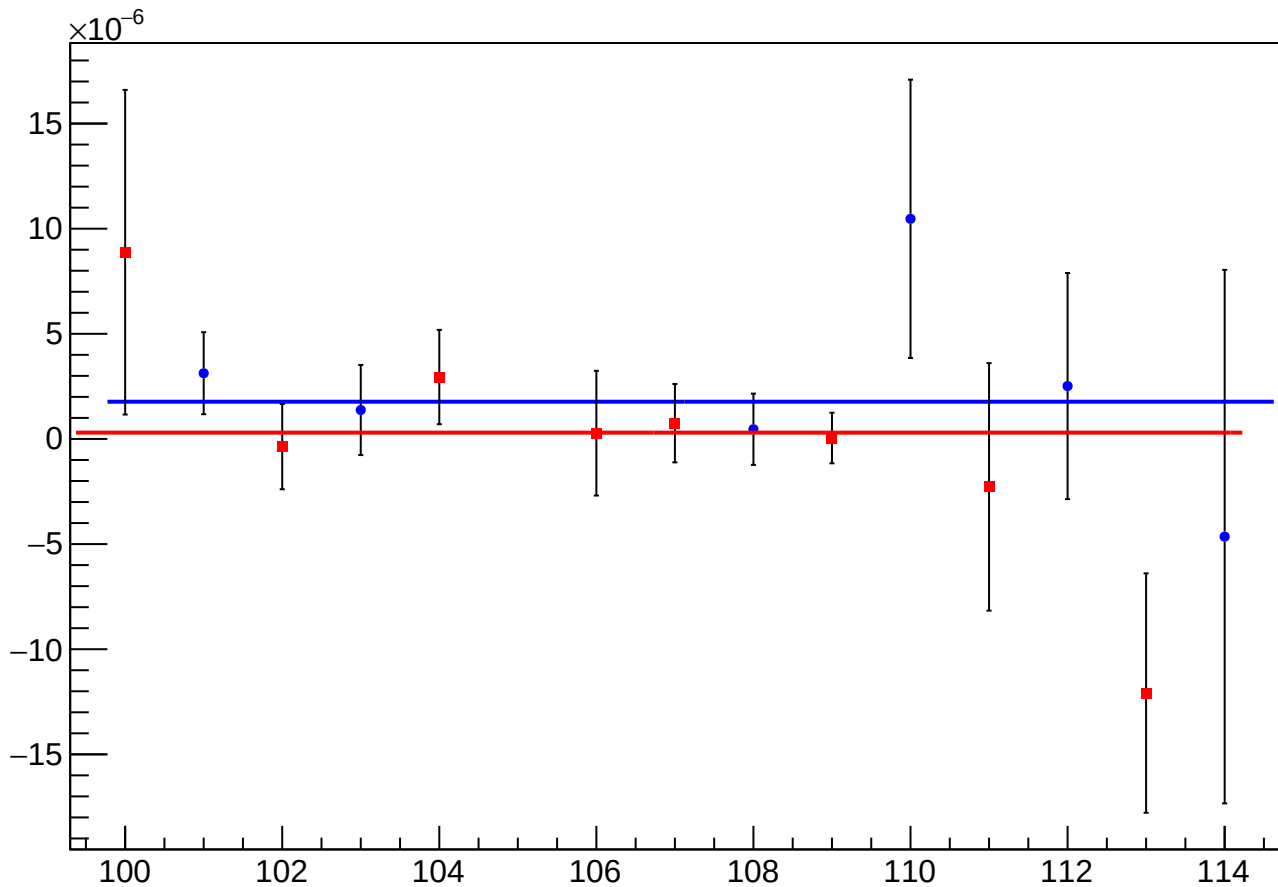
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.356 $\pm$ 0.008 χ^2 /NDF: 209704.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/7

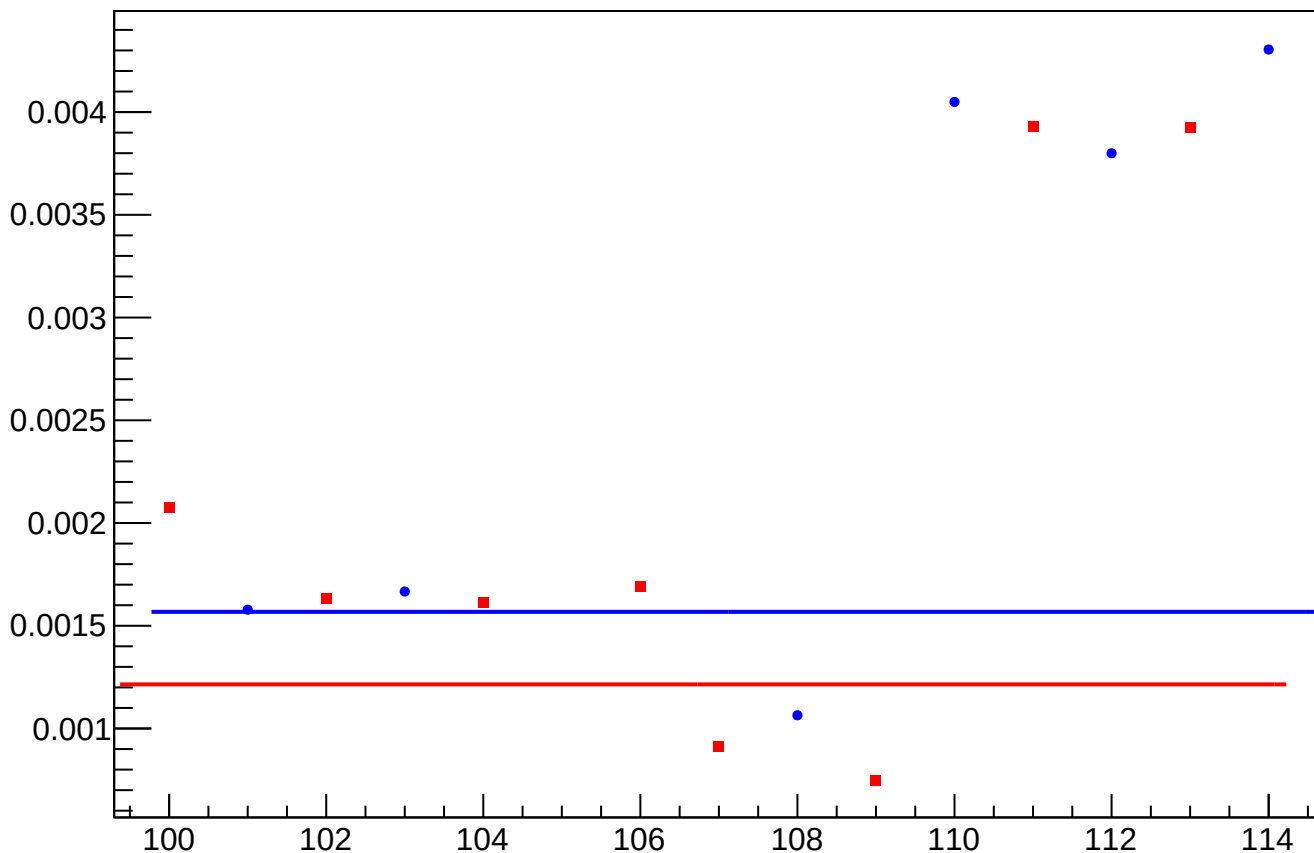
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 899537.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1458206.4/7

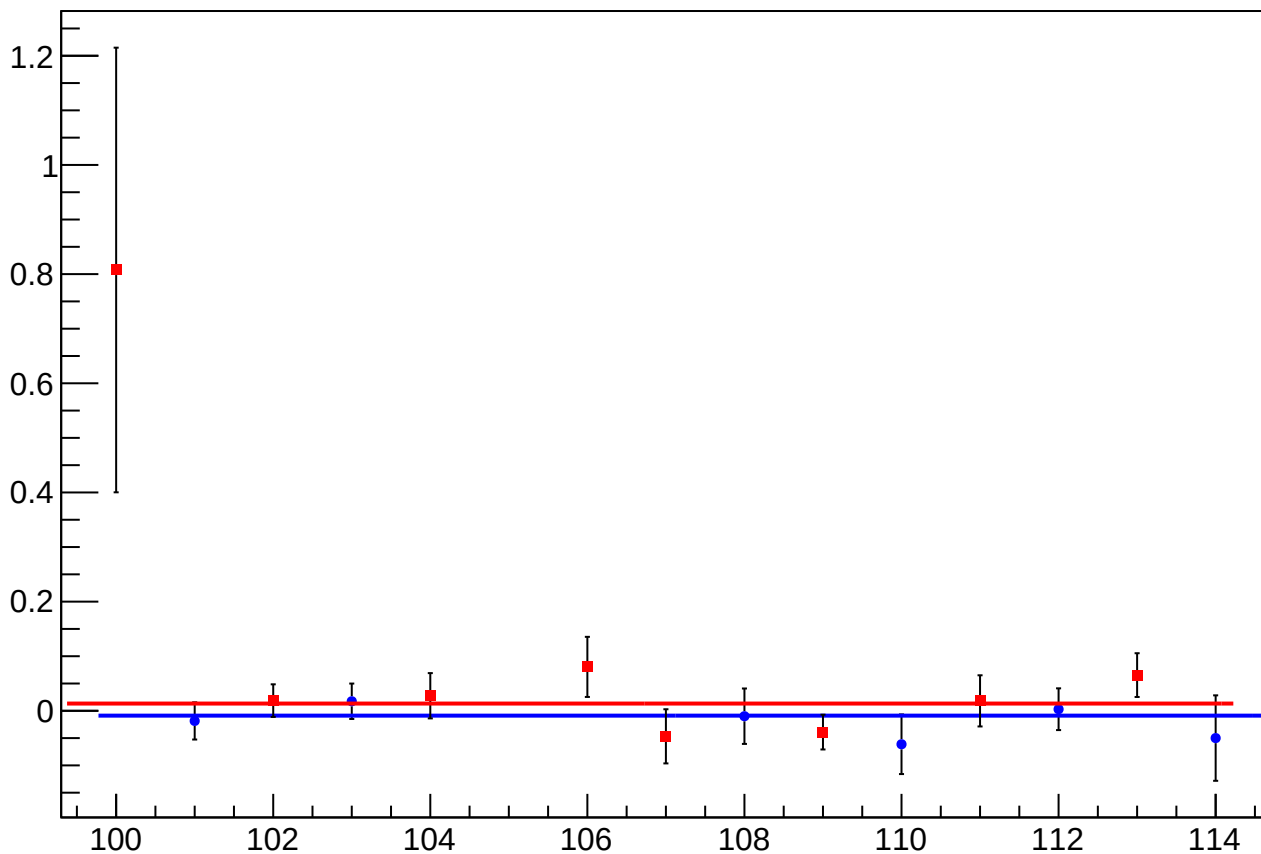
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2500973.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.017 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

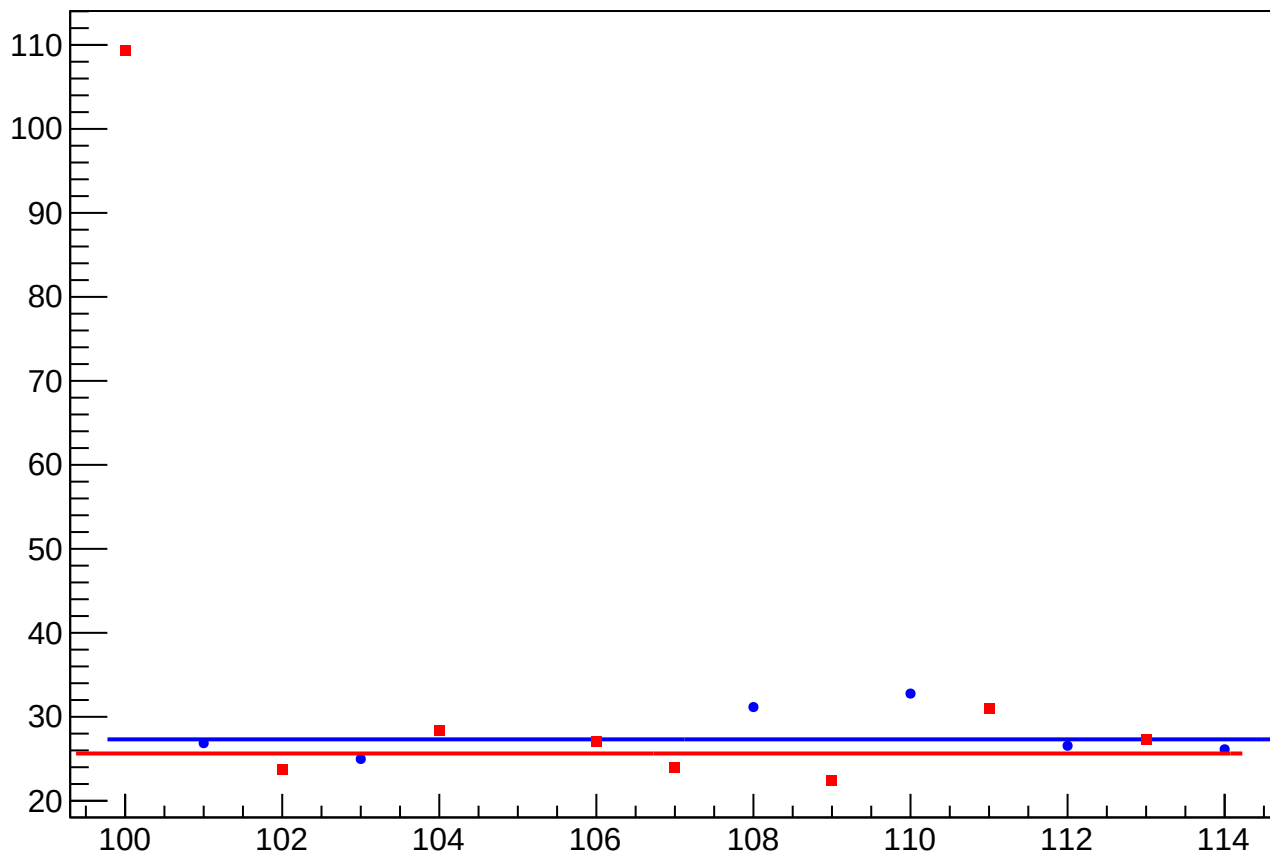
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.011 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 27.316 $\pm$ 0.012 χ^2/NDF : 43336.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 25.633 $\pm$ 0.011 χ^2/NDF : 155388.2/7

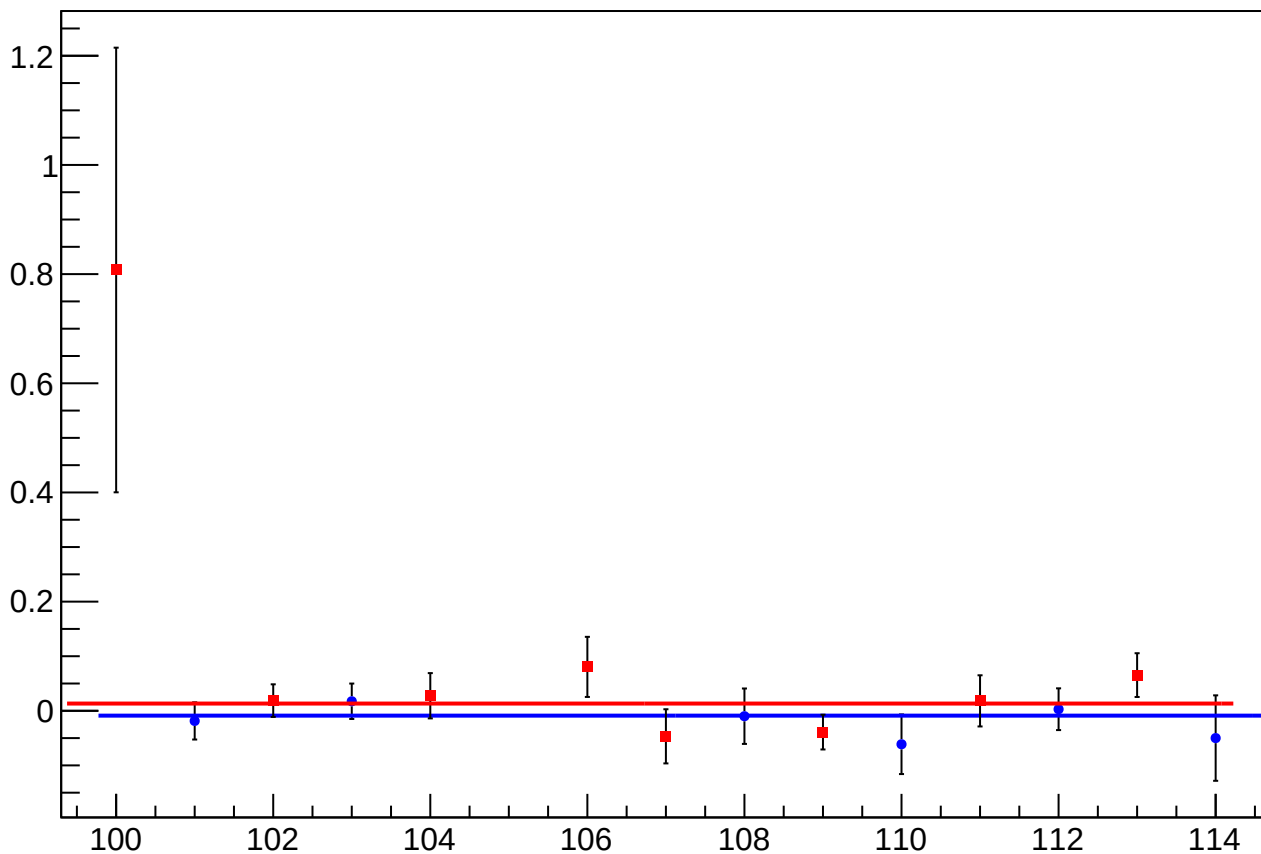
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 26.354 $\pm$ 0.008 χ^2/NDF : 209666.3/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.017 χ^2 /NDF: 2.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

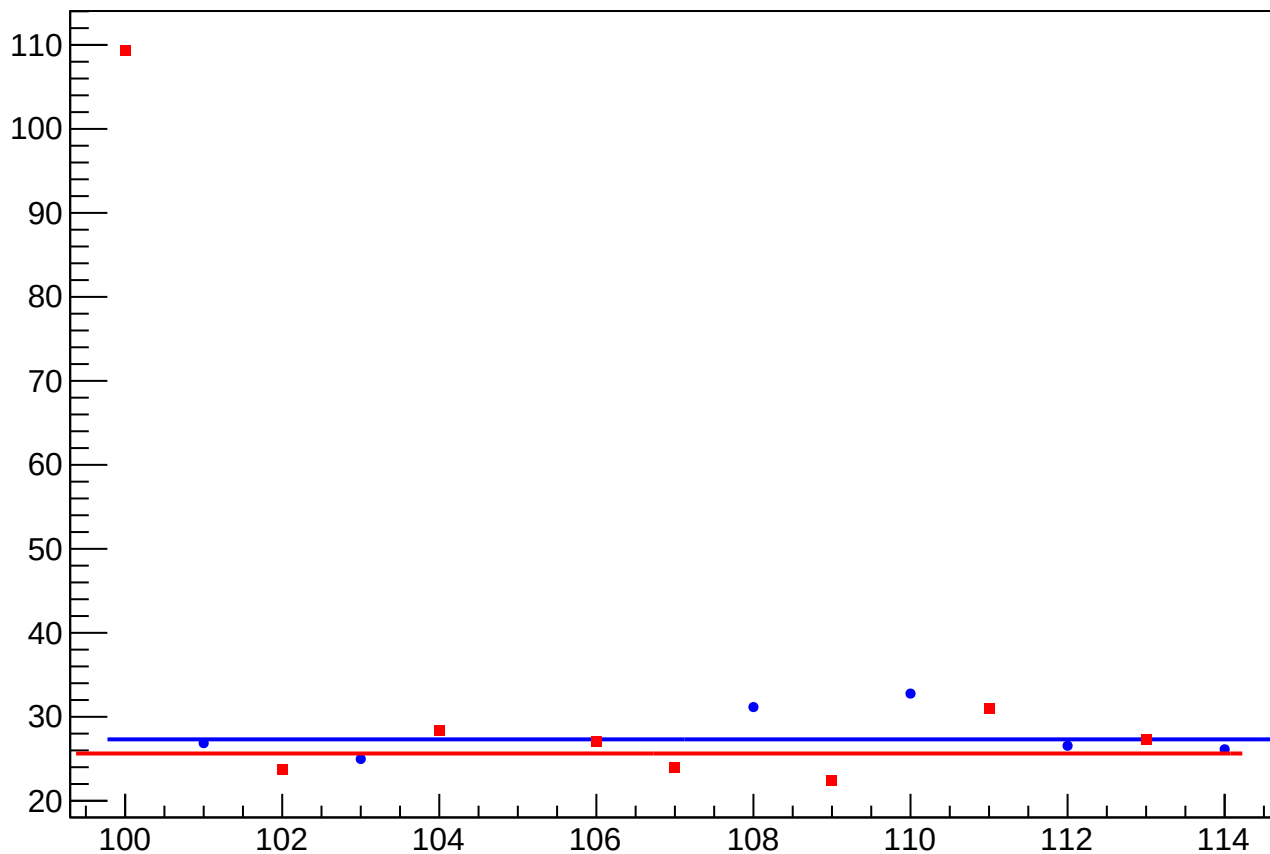
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.011 χ^2 /NDF: 14.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.316+/-0.012 χ^2/NDF : 43336.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.633+/-0.011 χ^2/NDF : 155388.2/7

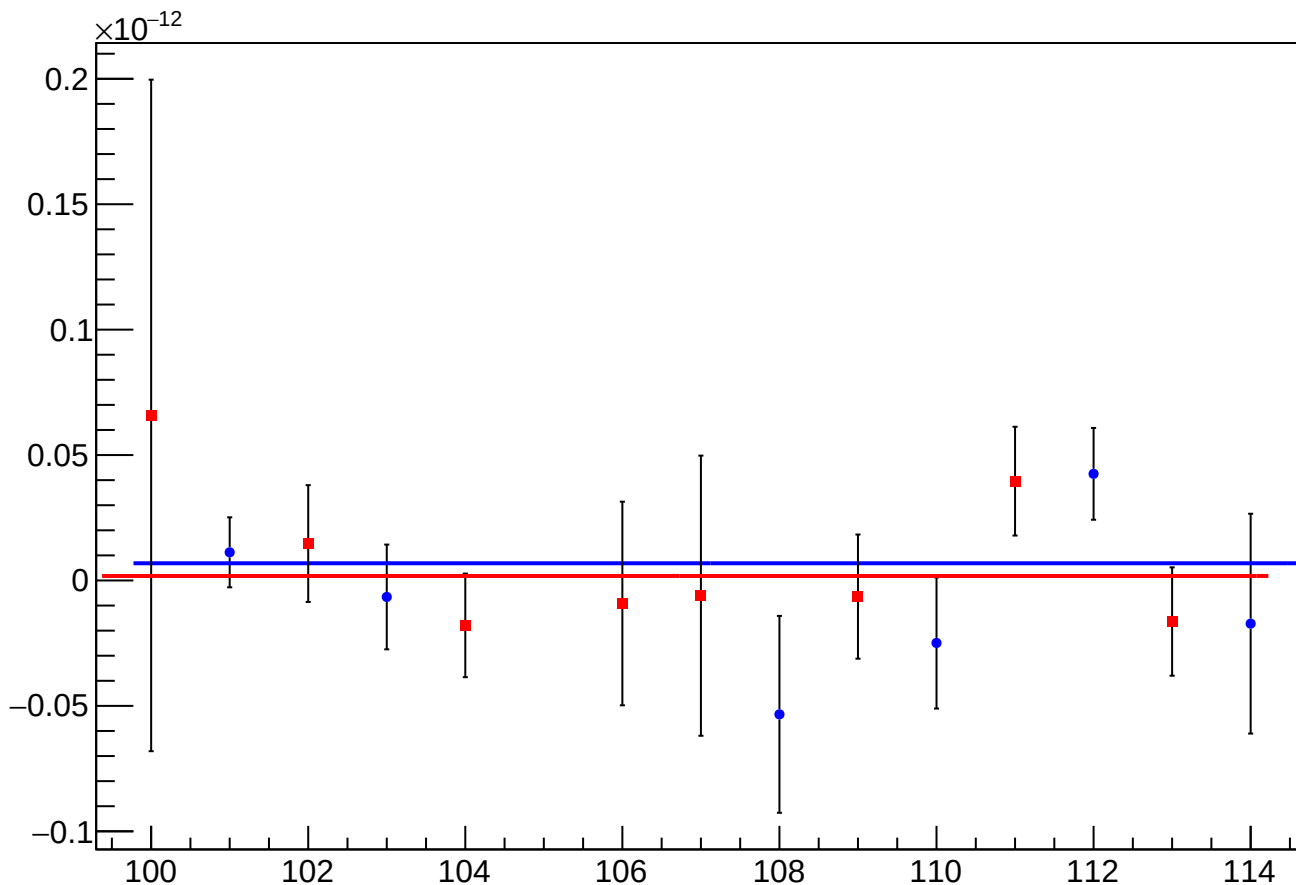
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.354+/-0.008 χ^2/NDF : 209666.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/7

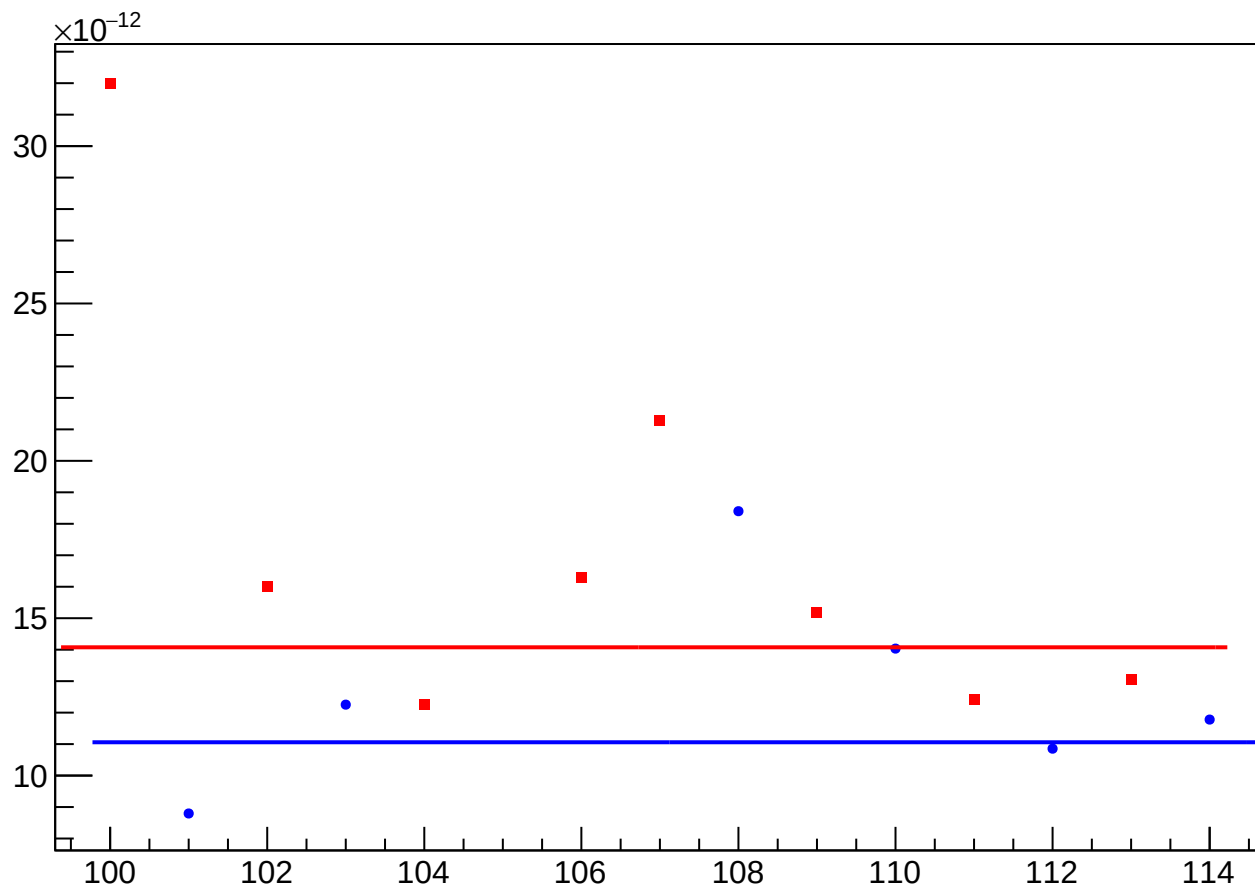
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 155874.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 124721.4/7

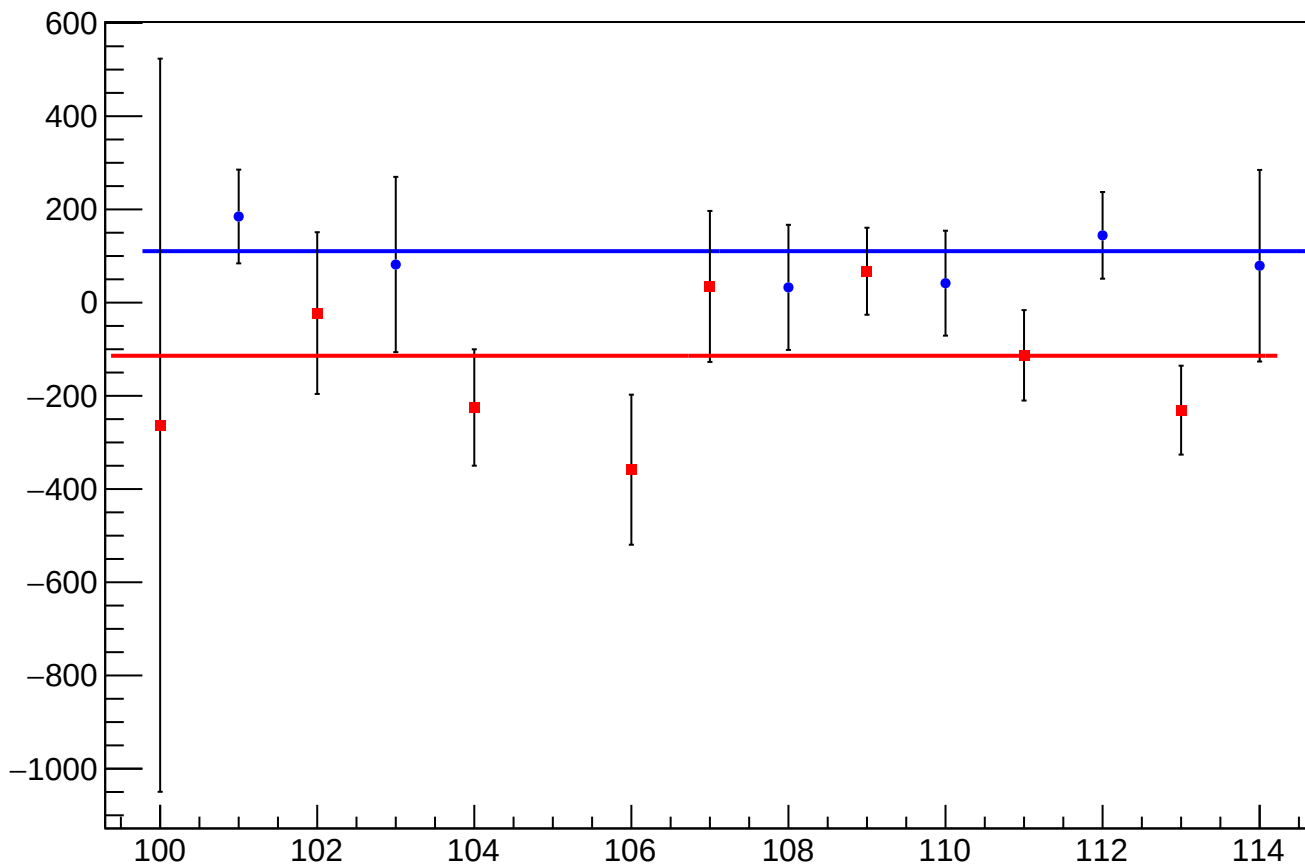
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 389693.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 110.407 $\pm$ 49.947 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.002 $\pm$ 44.429 χ^2 /NDF: 9.5/7

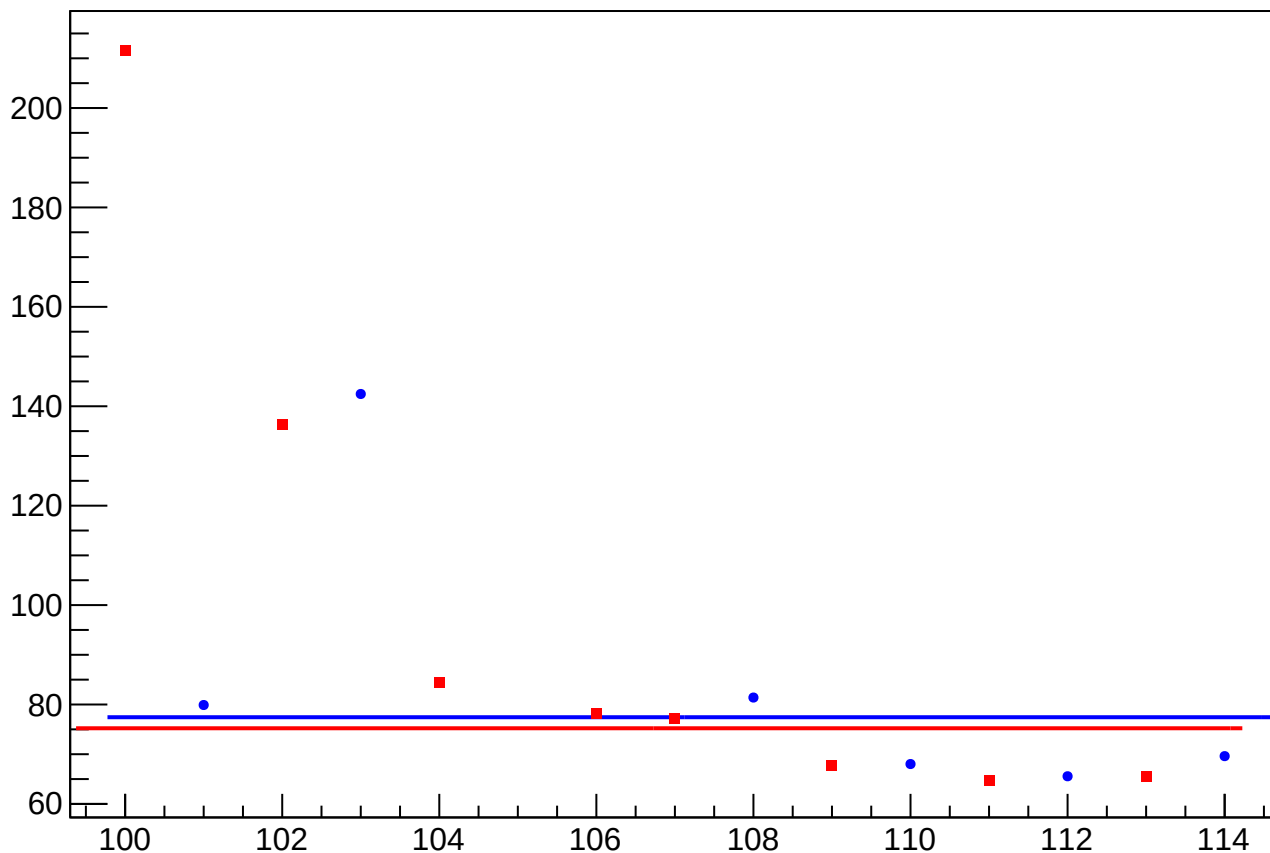
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.874 $\pm$ 33.196 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 77.441+/-0.035 χ^2/NDF : 291659.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.220+/-0.031 χ^2/NDF : 377351.0/7

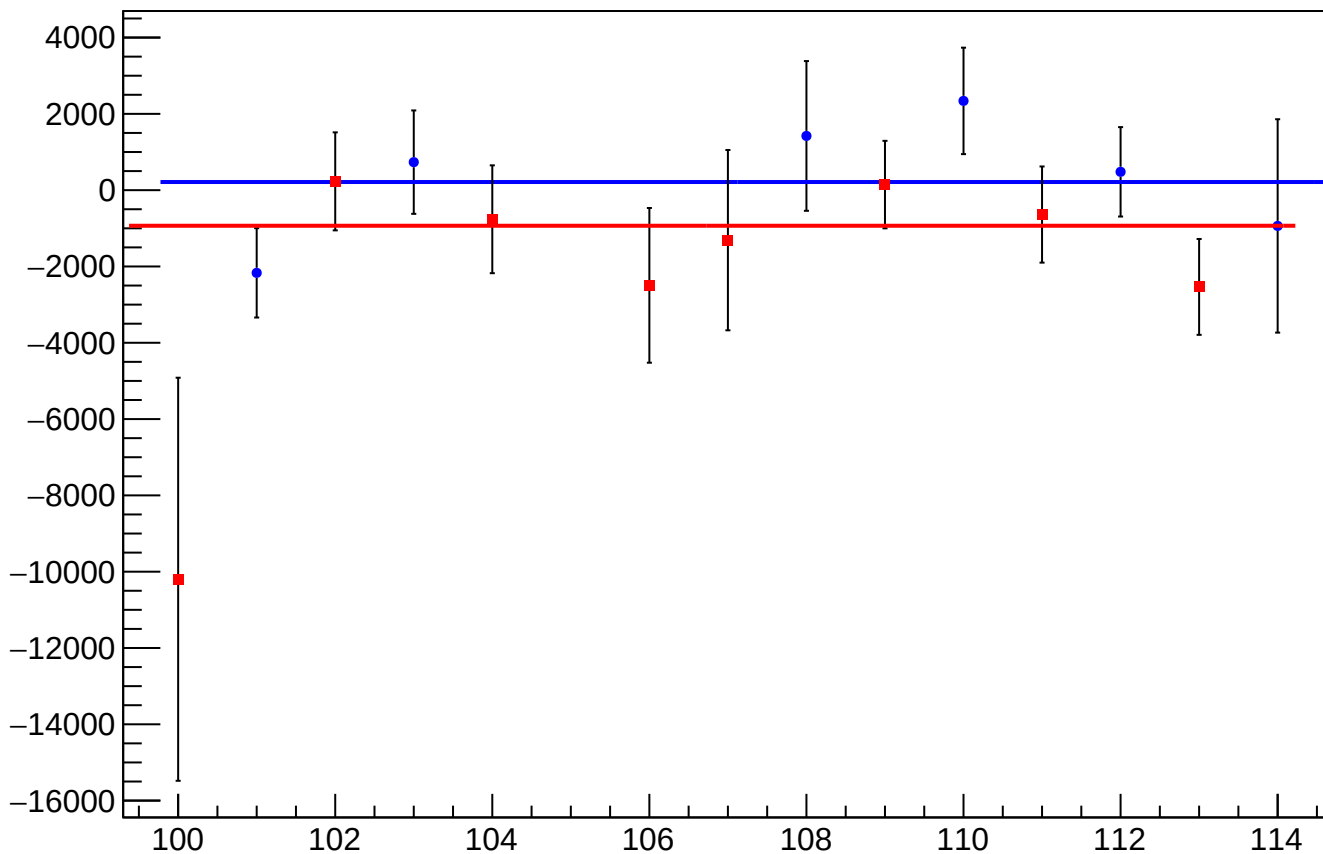
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.201+/-0.023 χ^2/NDF : 671217.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: 213.542 $\pm$ 586.832 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -932.582 $\pm$ 527.871 χ^2 /NDF: 7.1/7

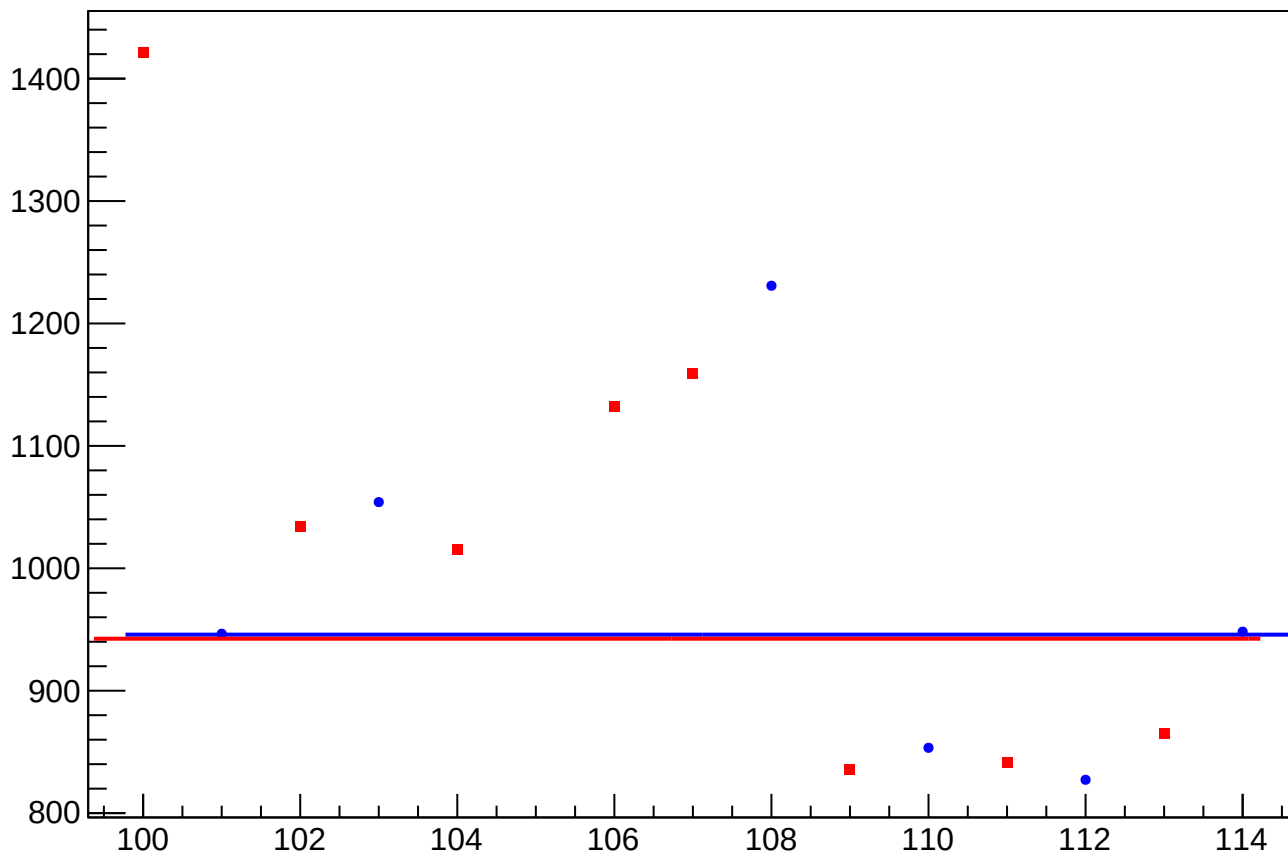
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -419.974 $\pm$ 392.456 χ^2 /NDF: 16.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 945.803 $\pm$ 0.415 χ^2 /NDF: 84224.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 942.486 $\pm$ 0.373 χ^2 /NDF: 104130.4/7

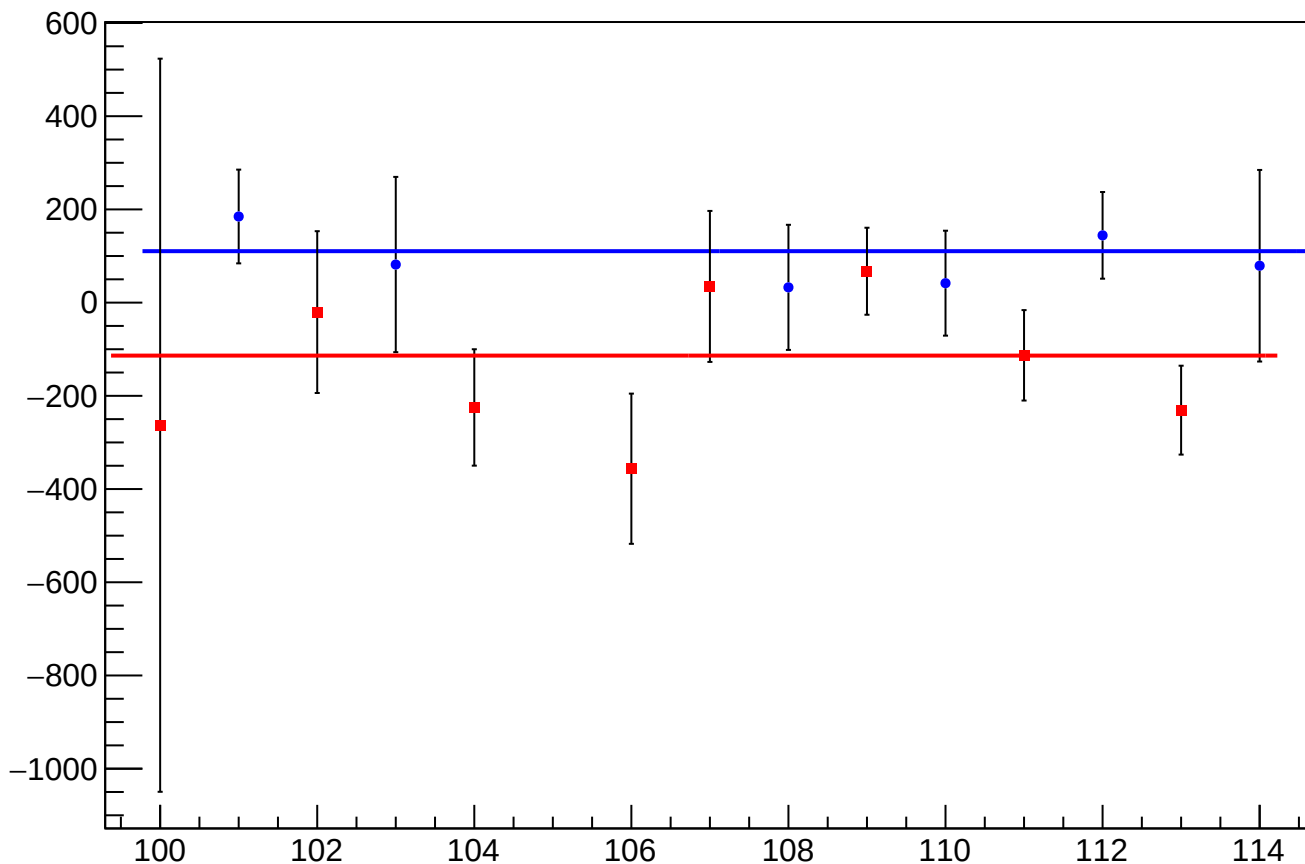
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 943.970 $\pm$ 0.278 χ^2 /NDF: 188389.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



Right In: 110.396 $\pm$ 49.947 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -113.668 $\pm$ 44.434 χ^2 /NDF: 9.5/7

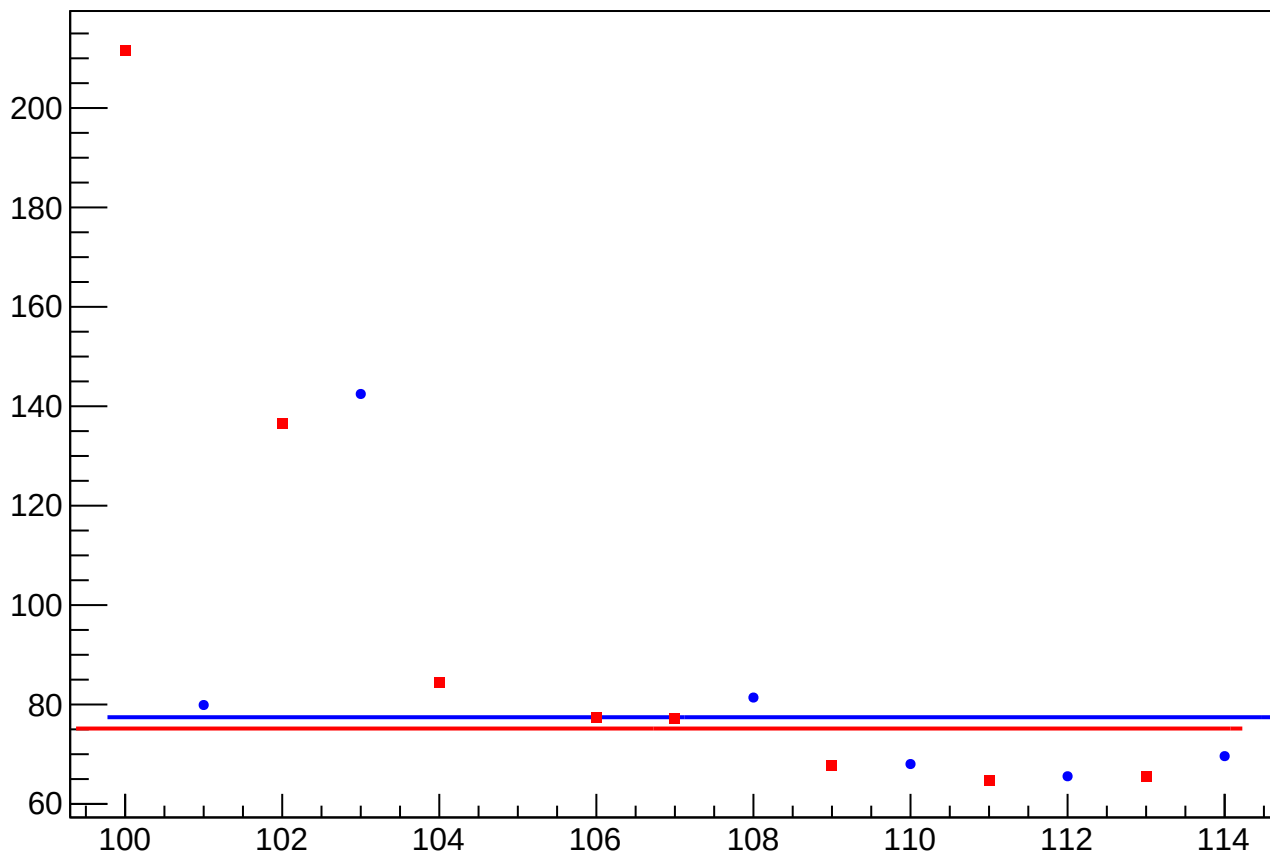
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.679 $\pm$ 33.198 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 77.441 $\pm$ 0.035 χ^2 /NDF: 291662.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.167 $\pm$ 0.031 χ^2 /NDF: 377346.6/7

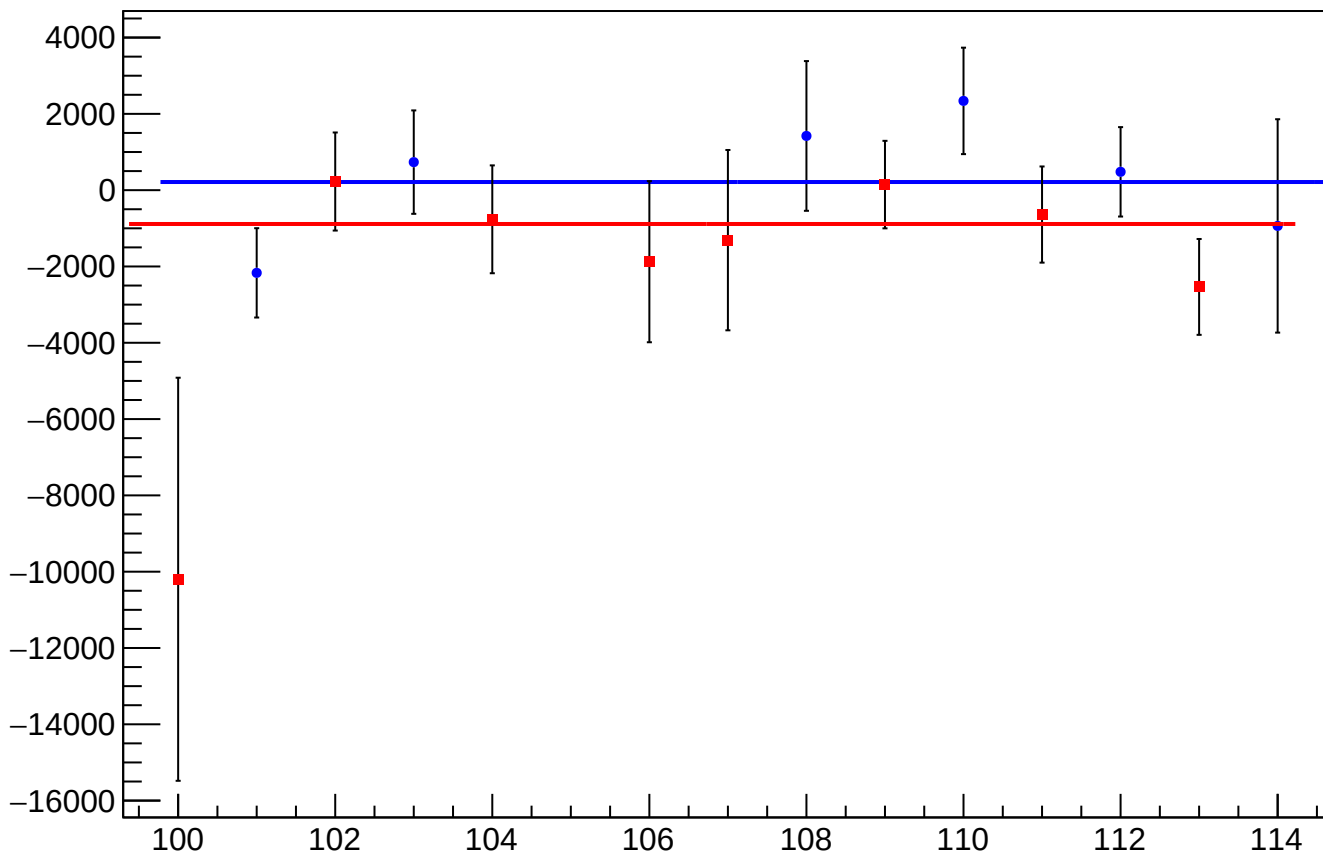
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.171 $\pm$ 0.023 χ^2 /NDF: 671323.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



Right In: 213.637 $\pm$ 586.841 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -886.532 $\pm$ 529.331 χ^2 /NDF: 6.7/7

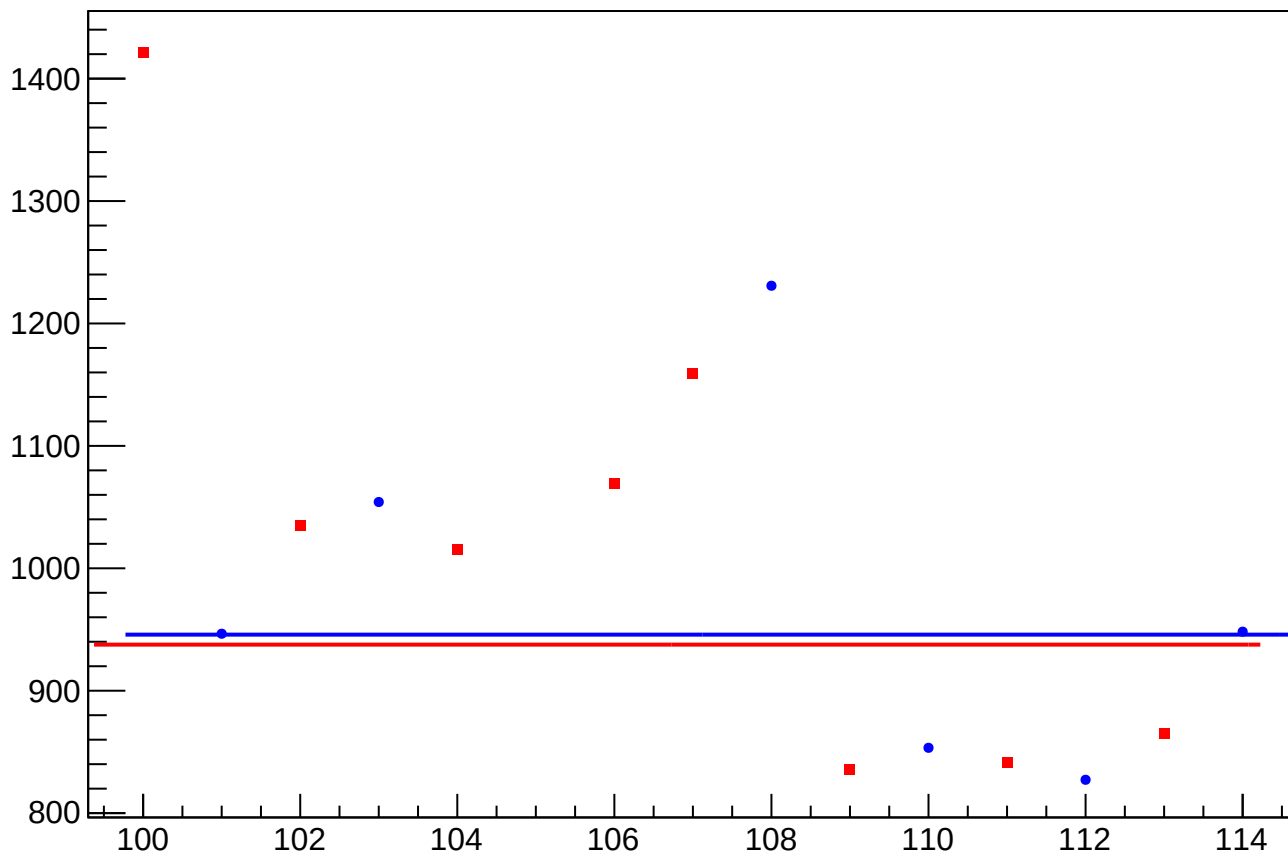
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -392.983 $\pm$ 393.057 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



Right In: 945.816+/-0.415 χ^2/NDF : 84241.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.649+/-0.374 χ^2/NDF : 93861.3/7

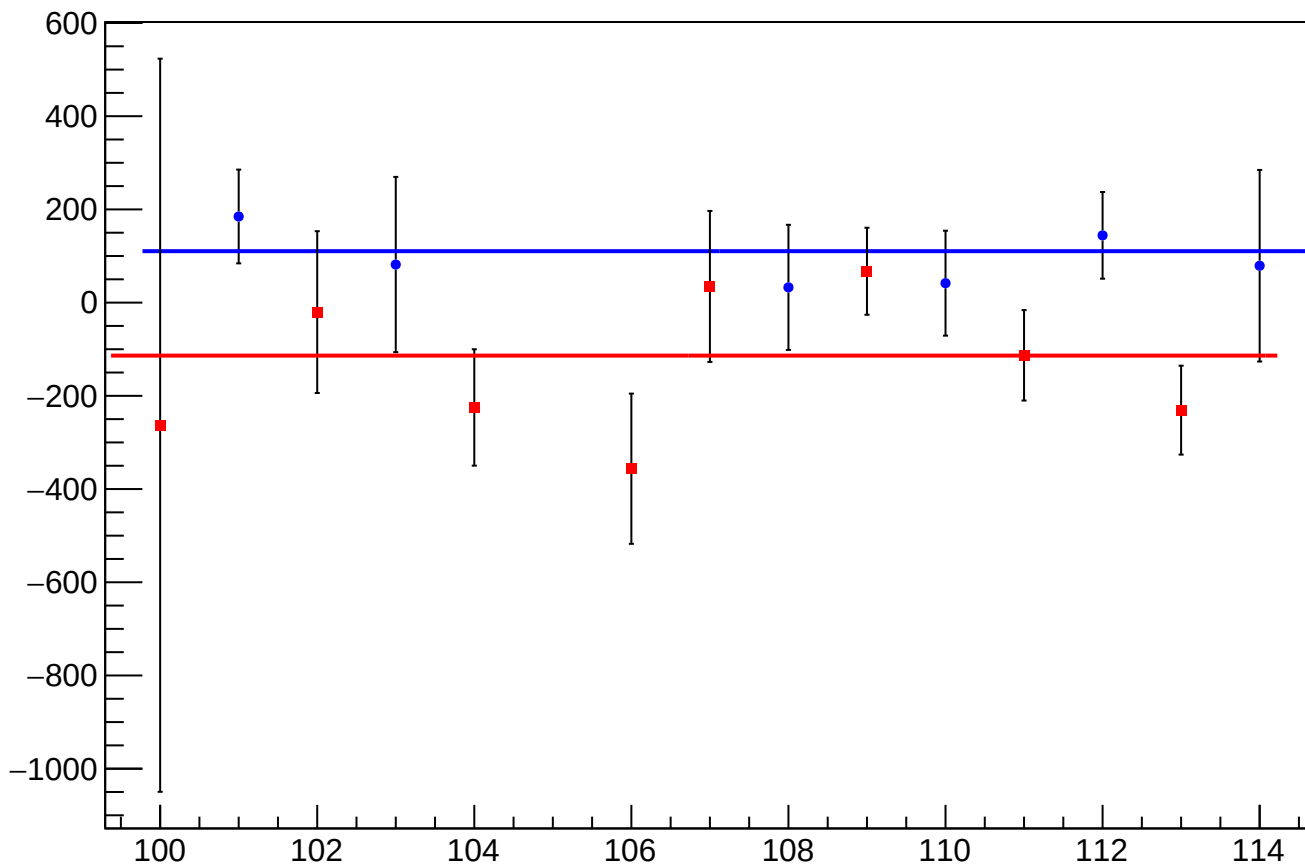
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.313+/-0.278 χ^2/NDF : 178316.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: 110.396 $\pm$ 49.947 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -113.668 $\pm$ 44.434 χ^2 /NDF: 9.5/7

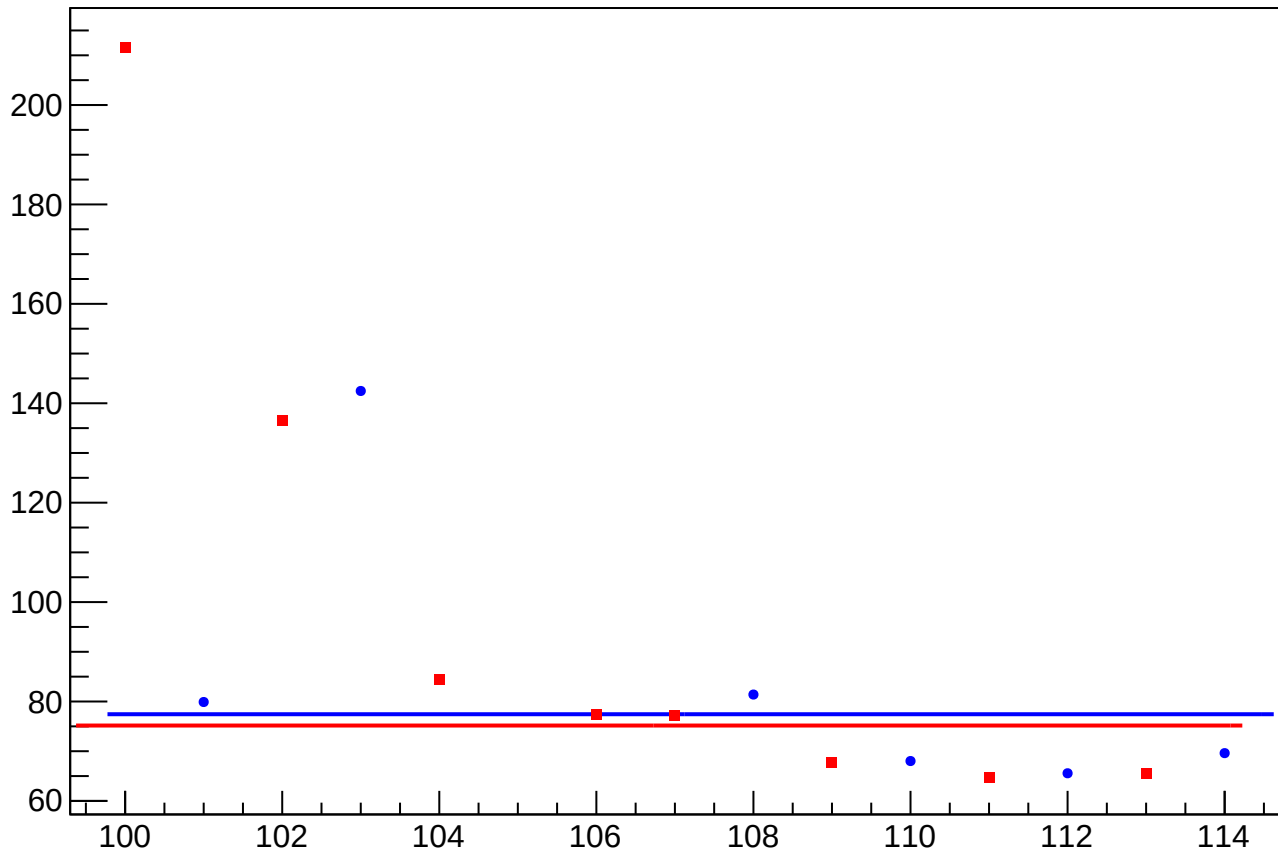
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.679 $\pm$ 33.198 χ^2 /NDF: 22.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 77.441 $\pm$ 0.035 χ^2 /NDF: 291662.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.167 $\pm$ 0.031 χ^2 /NDF: 377346.6/7

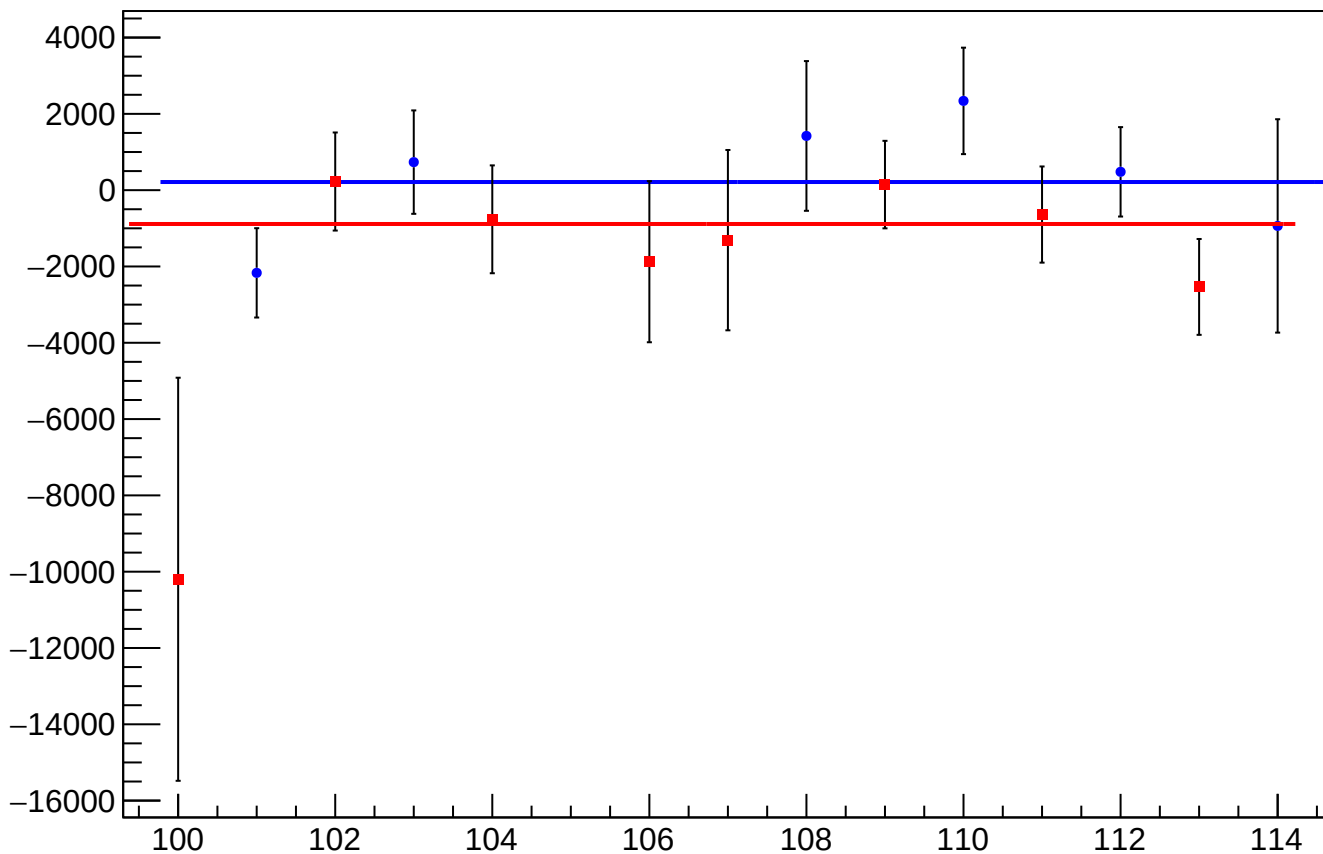
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.171 $\pm$ 0.023 χ^2 /NDF: 671323.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



Right In: 213.637 $\pm$ 586.841 χ^2 /NDF: 7.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -886.532 $\pm$ 529.331 χ^2 /NDF: 6.7/7

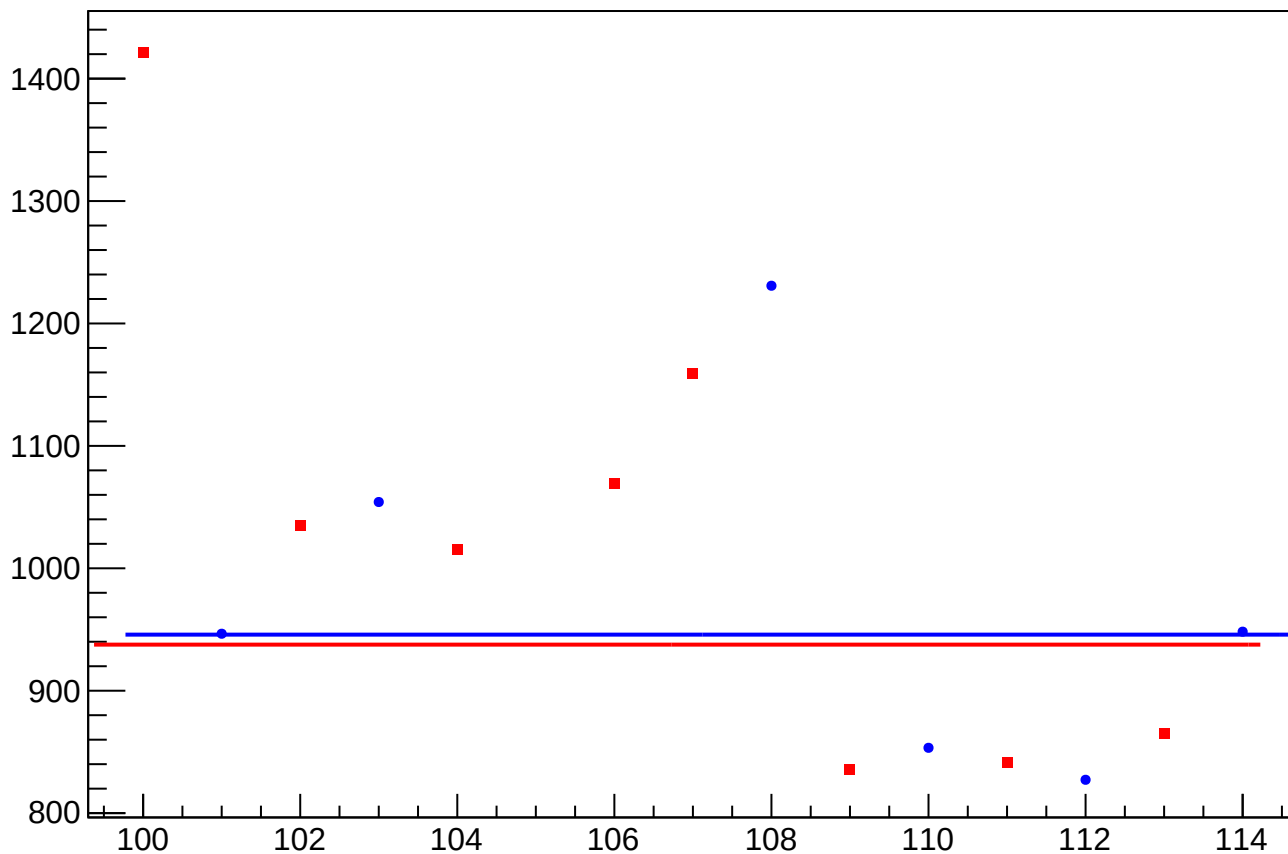
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -392.983 $\pm$ 393.057 χ^2 /NDF: 15.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



Right In: 945.816+/-0.415 χ^2/NDF : 84241.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.649+/-0.374 χ^2/NDF : 93861.3/7

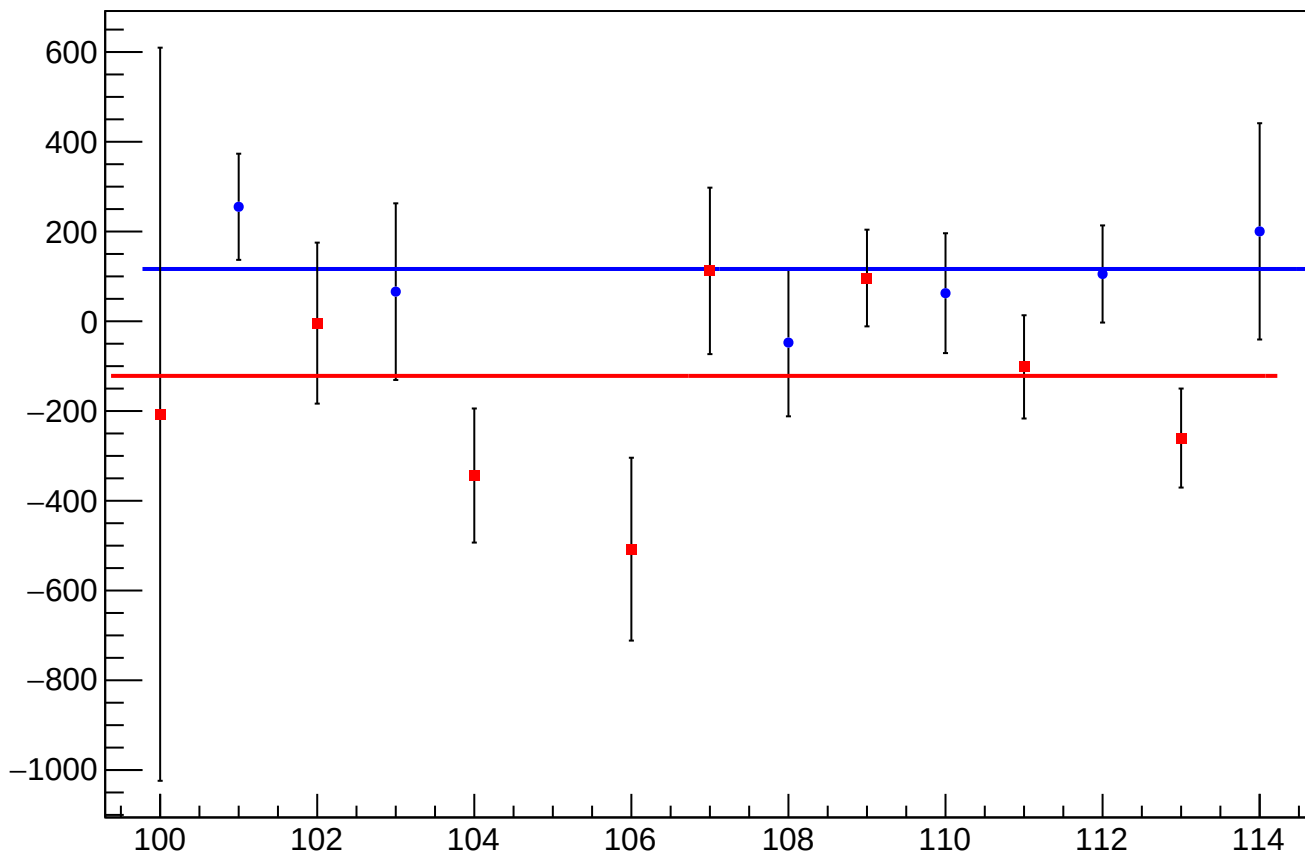
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.313+/-0.278 χ^2/NDF : 178316.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 116.529 $\pm$ 58.423 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -121.698 $\pm$ 51.680 χ^2 /NDF: 13.5/7

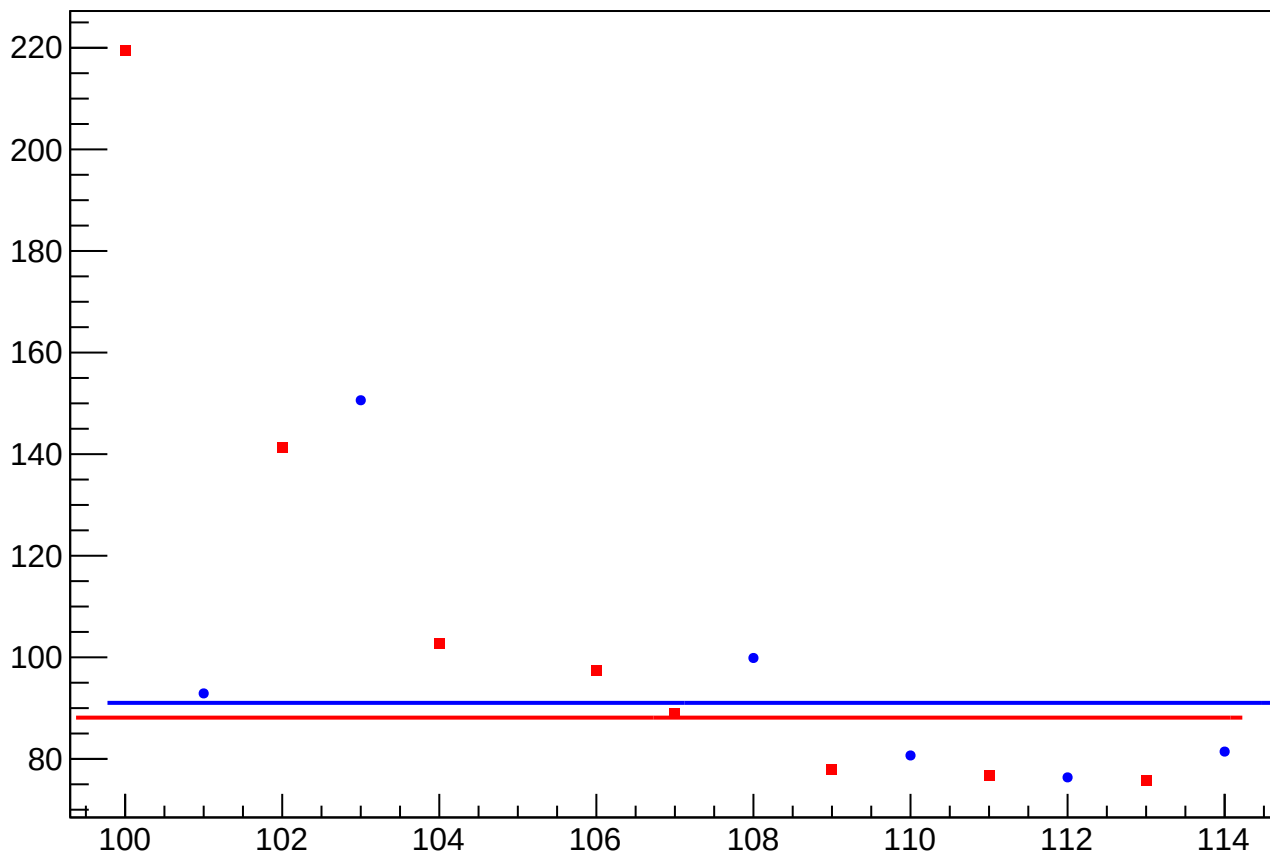
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.120 $\pm$ 38.709 χ^2 /NDF: 25.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 91.035 $\pm$ 0.041 χ^2/NDF : 241493.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 88.129 $\pm$ 0.037 χ^2/NDF : 313212.0/7

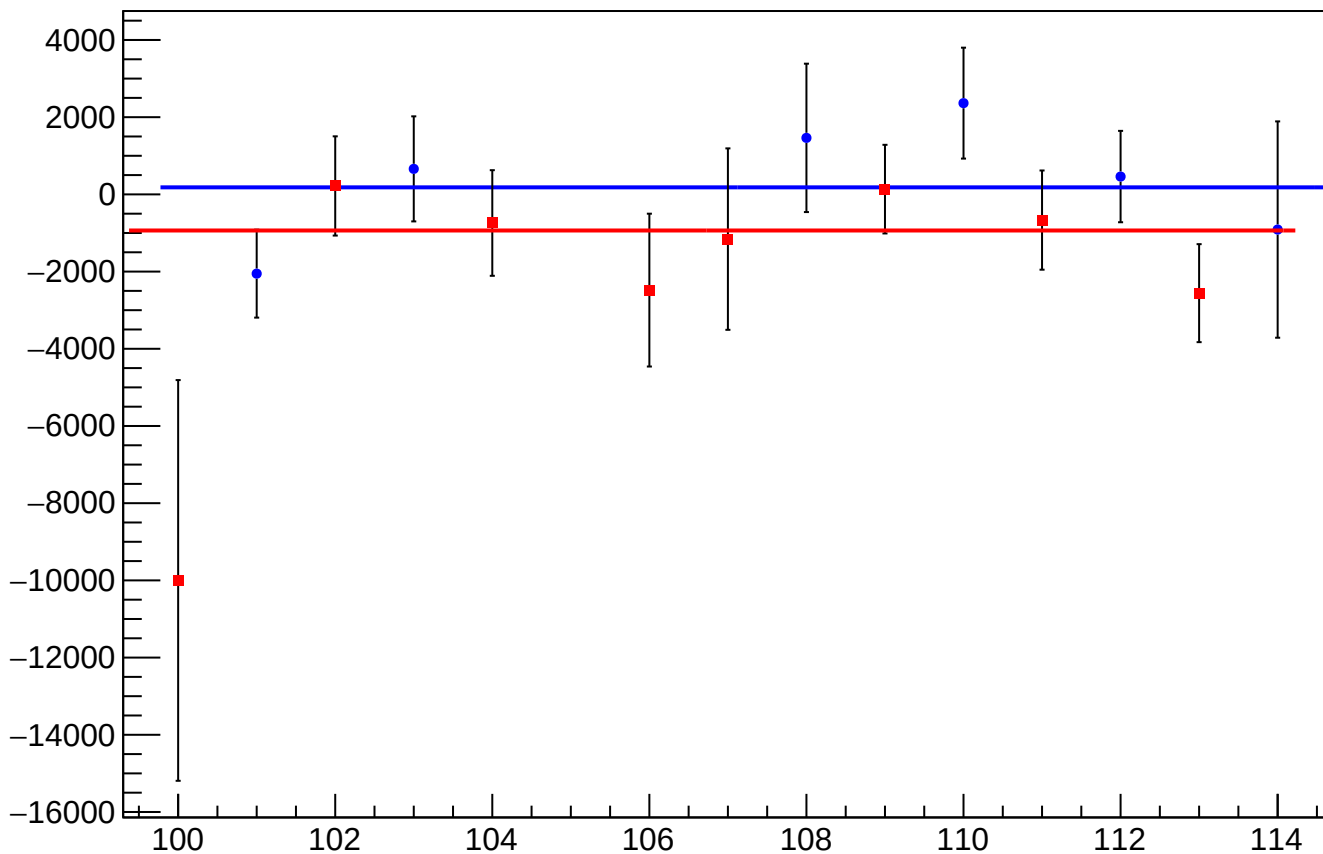
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 89.405 $\pm$ 0.027 χ^2/NDF : 557483.1/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: 182.268 $\pm$ 586.553 χ^2 /NDF: 6.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -935.433 $\pm$ 527.207 χ^2 /NDF: 7.0/7

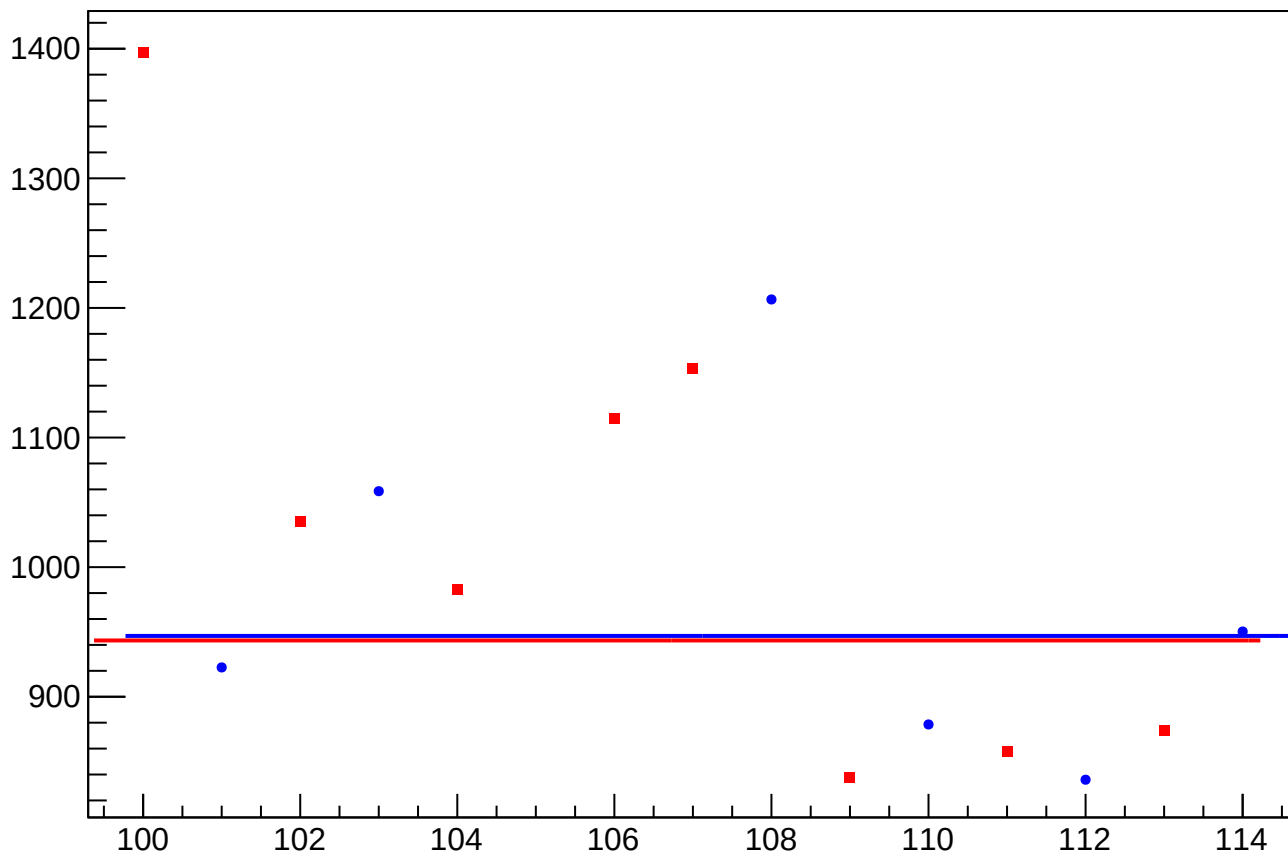
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -435.970 $\pm$ 392.099 χ^2 /NDF: 16.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 946.939 $\pm$ 0.415 χ^2 /NDF: 72957.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 943.437 $\pm$ 0.373 χ^2 /NDF: 89789.2/7

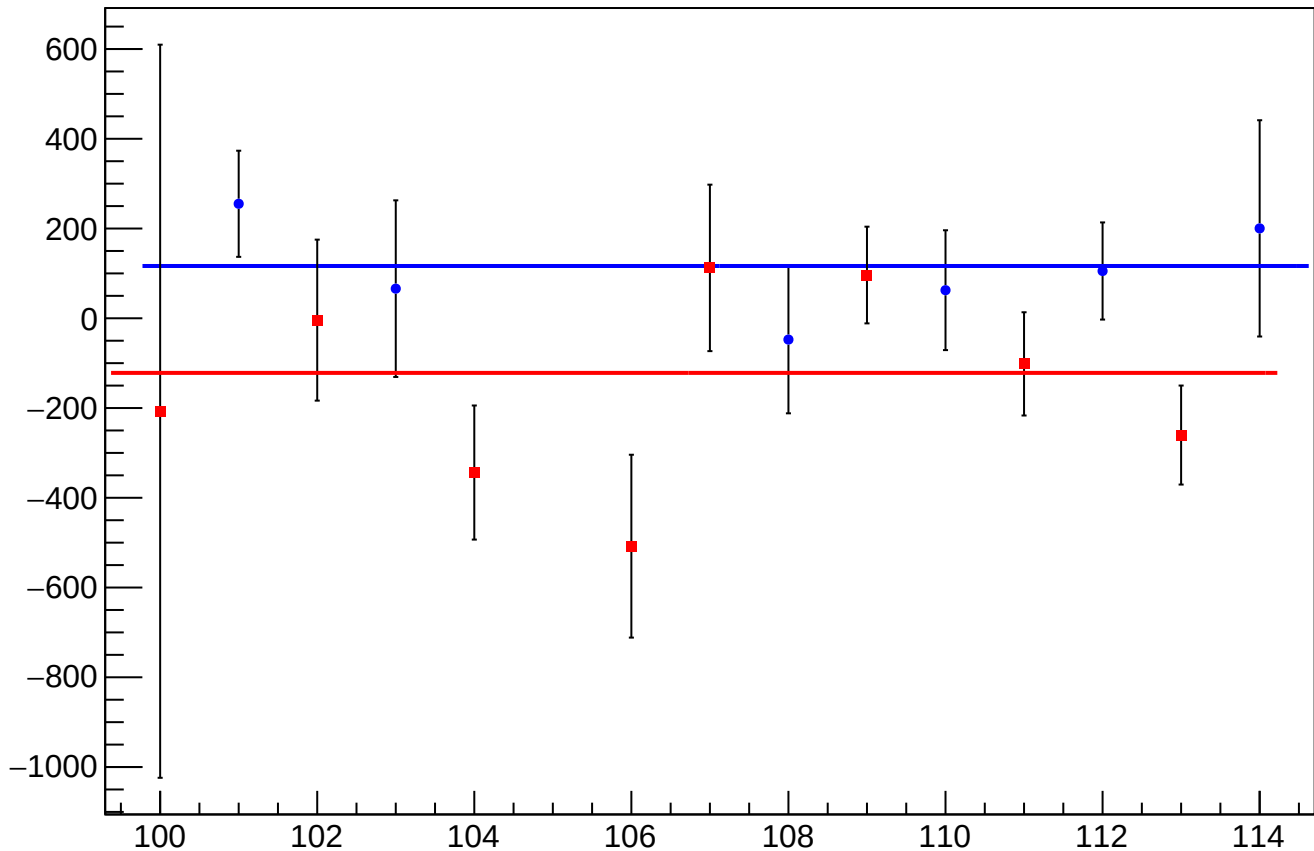
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 945.002 $\pm$ 0.277 χ^2 /NDF: 162786.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 116.524 $\pm$ 58.423 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -121.695 $\pm$ 51.679 χ^2 /NDF: 13.5/7

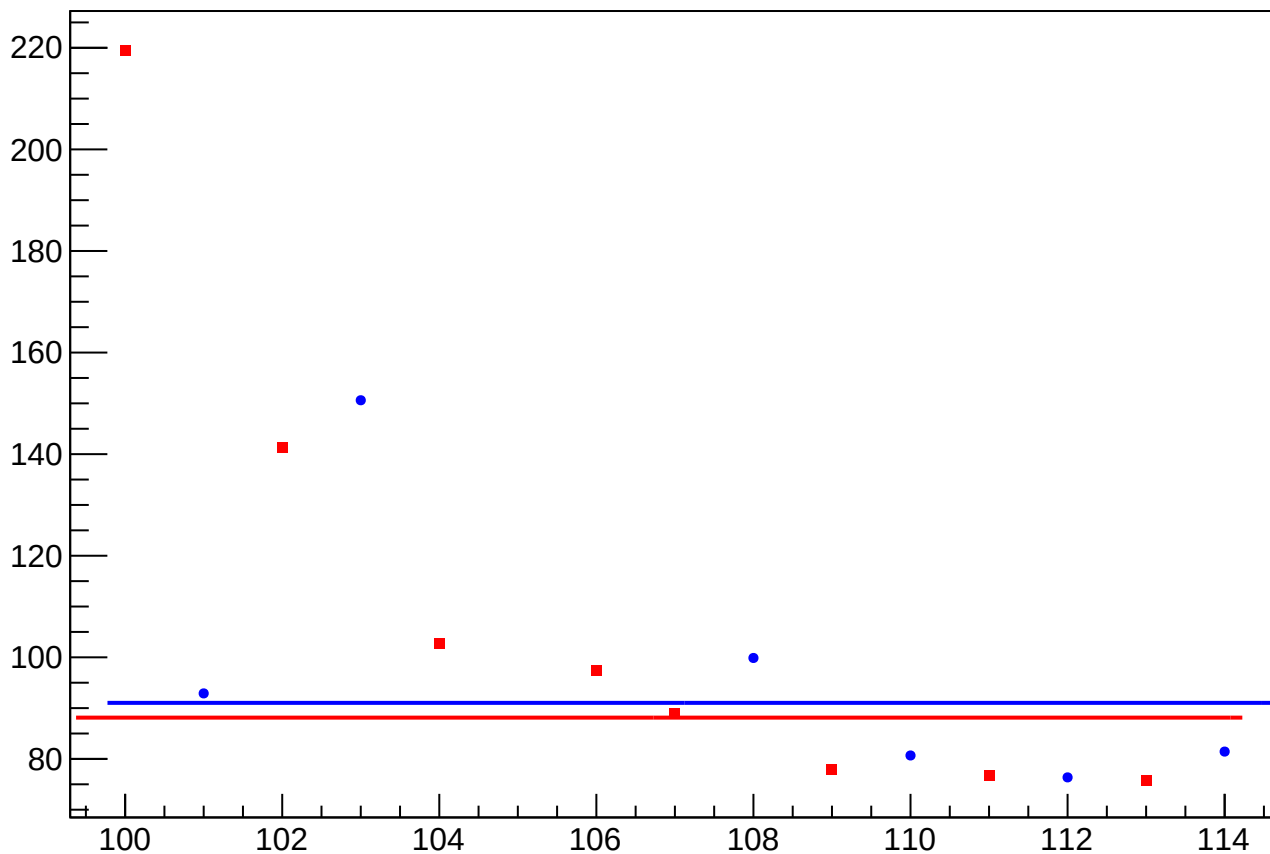
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.120 $\pm$ 38.708 χ^2 /NDF: 25.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 91.035 $\pm$ 0.041 χ^2 /NDF: 241500.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.128 $\pm$ 0.037 χ^2 /NDF: 313222.2/7

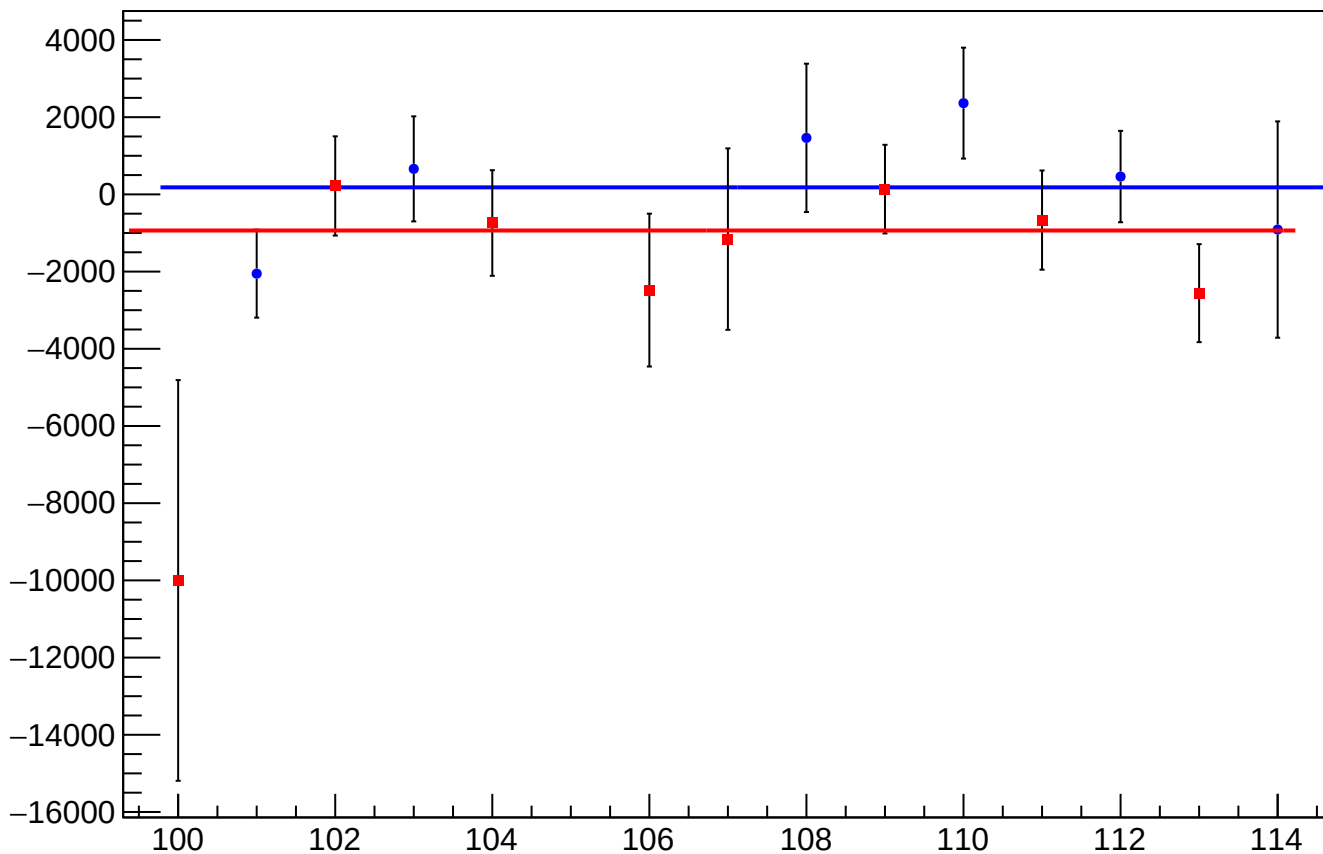
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.404 $\pm$ 0.027 χ^2 /NDF: 557499.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: 182.268 $\pm$ 586.550 χ^2 /NDF: 6.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -935.431 $\pm$ 527.205 χ^2 /NDF: 7.0/7

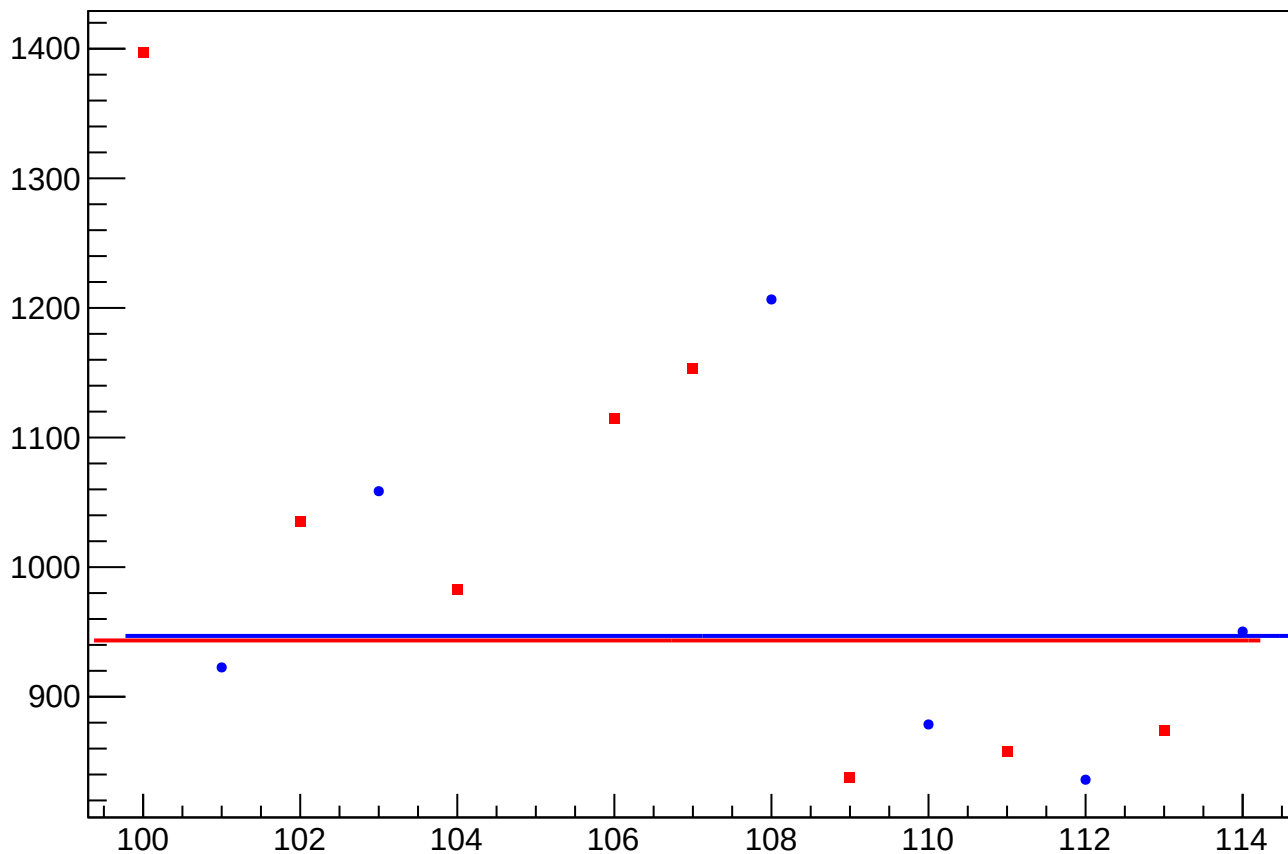
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -435.968 $\pm$ 392.098 χ^2 /NDF: 16.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 946.935 $\pm$ 0.415 χ^2 /NDF: 72959.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 943.434 $\pm$ 0.373 χ^2 /NDF: 89791.1/7

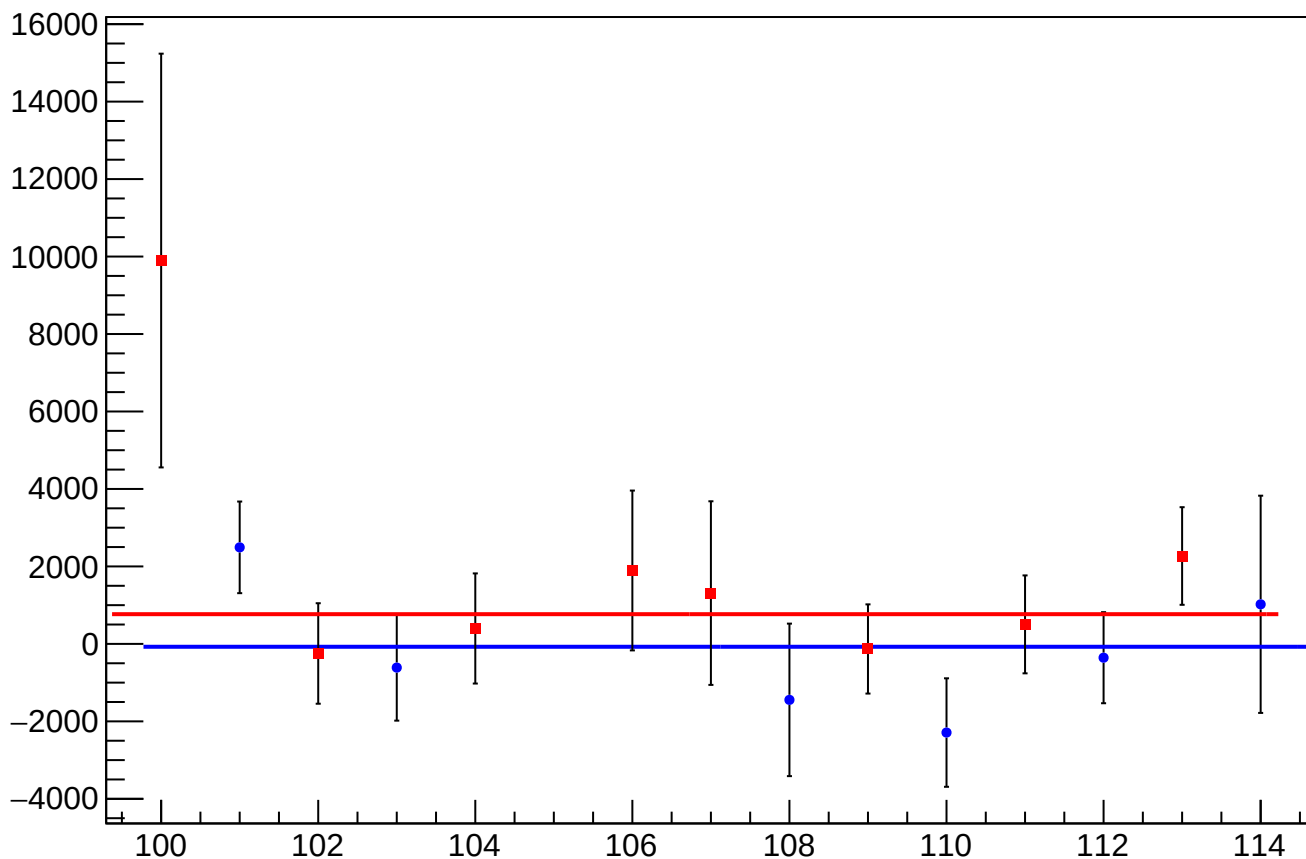
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 944.998 $\pm$ 0.277 χ^2 /NDF: 162789.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: -74.157+/-590.614 χ^2/NDF : 8.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.264+/-530.983 χ^2/NDF : 6.0/7

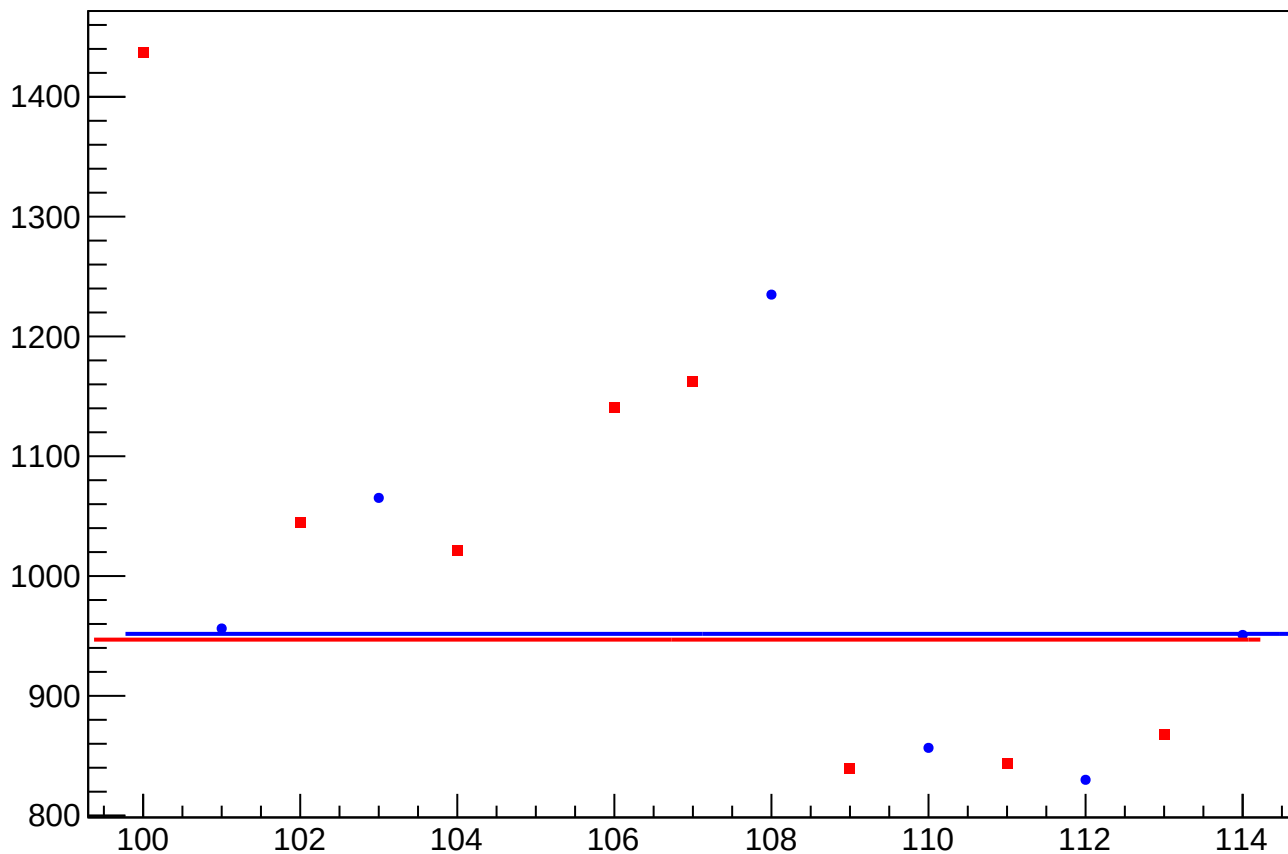
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.162+/-394.866 χ^2/NDF : 15.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 951.739 $\pm$ 0.418 χ^2 /NDF: 85852.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 946.935 $\pm$ 0.375 χ^2 /NDF: 106450.8/7

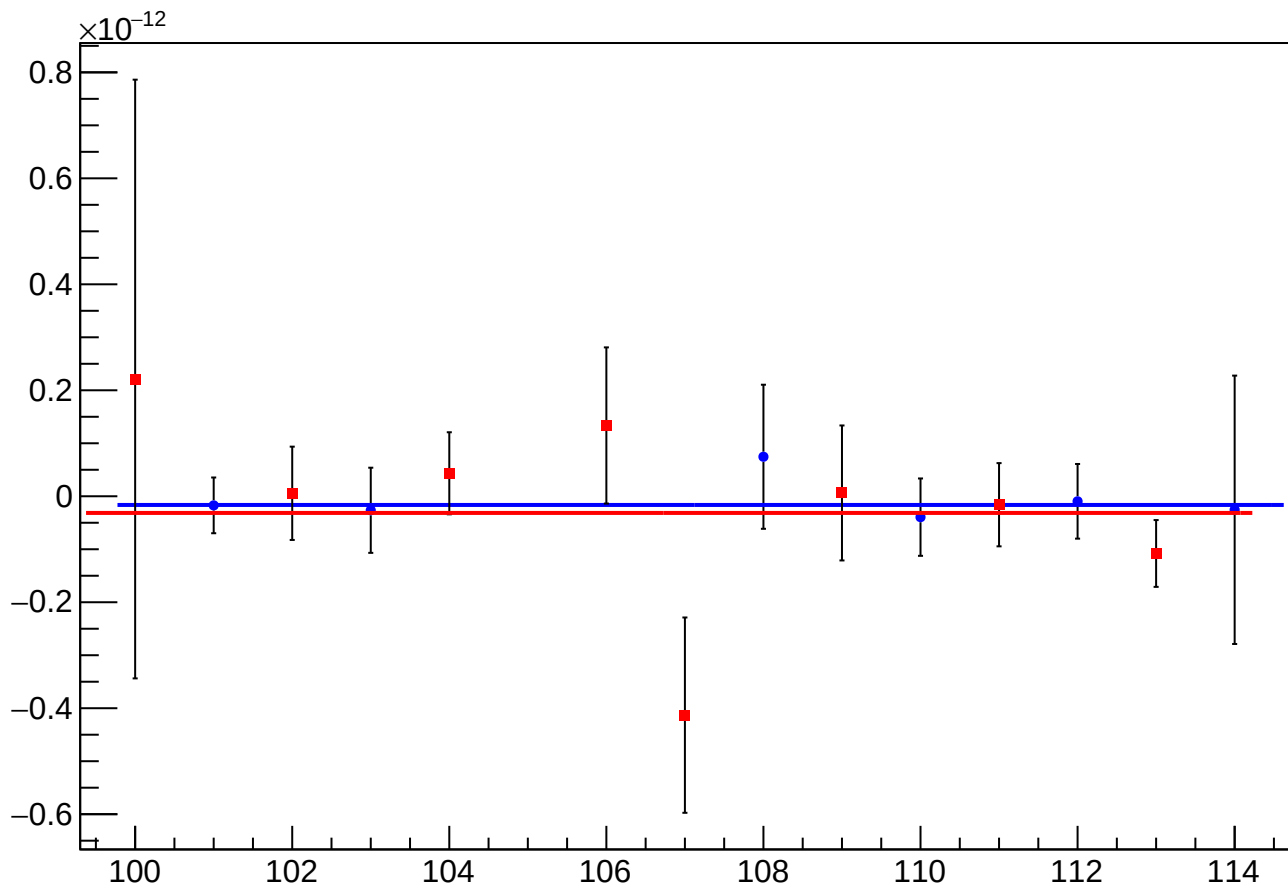
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 949.082 $\pm$ 0.279 χ^2 /NDF: 192376.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/7

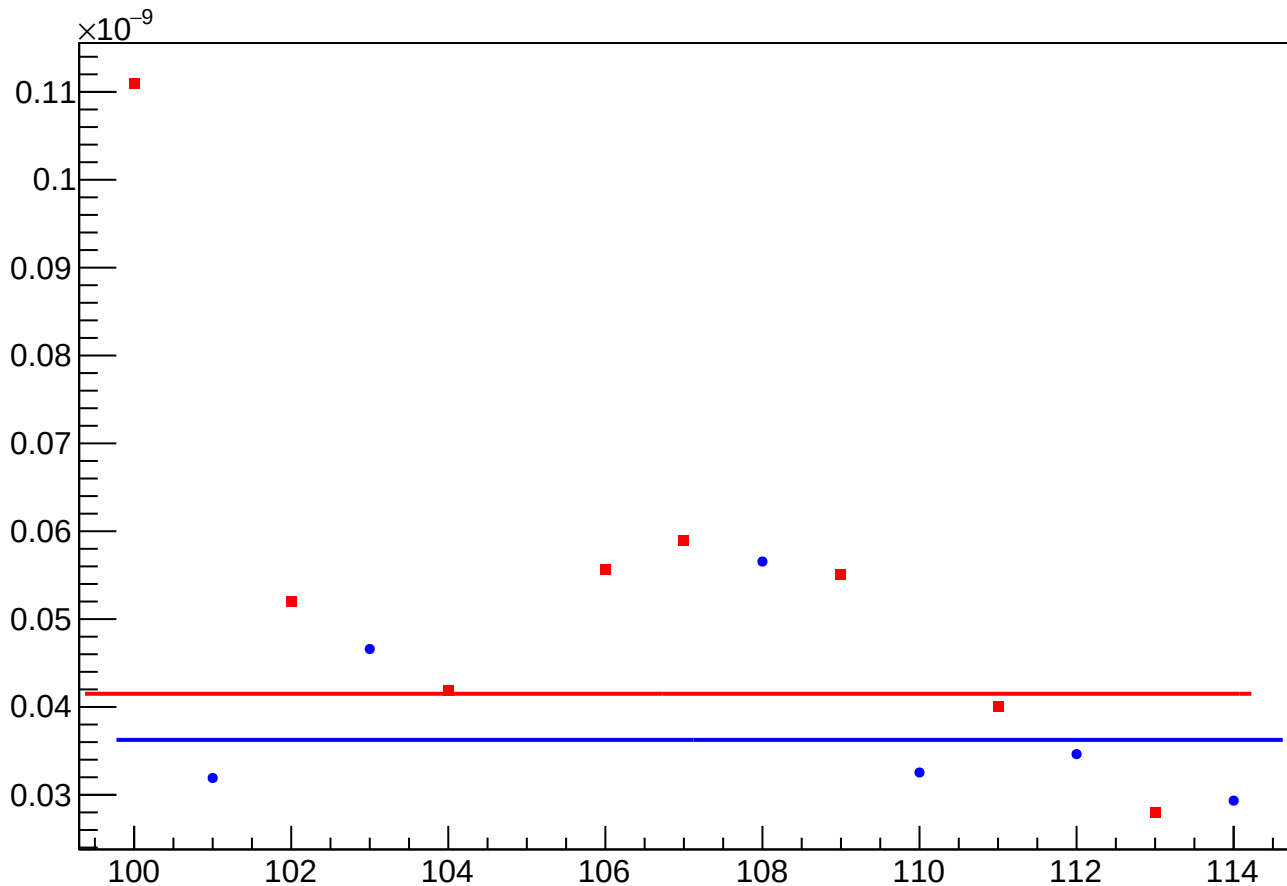
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 99014.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 210308.5/7

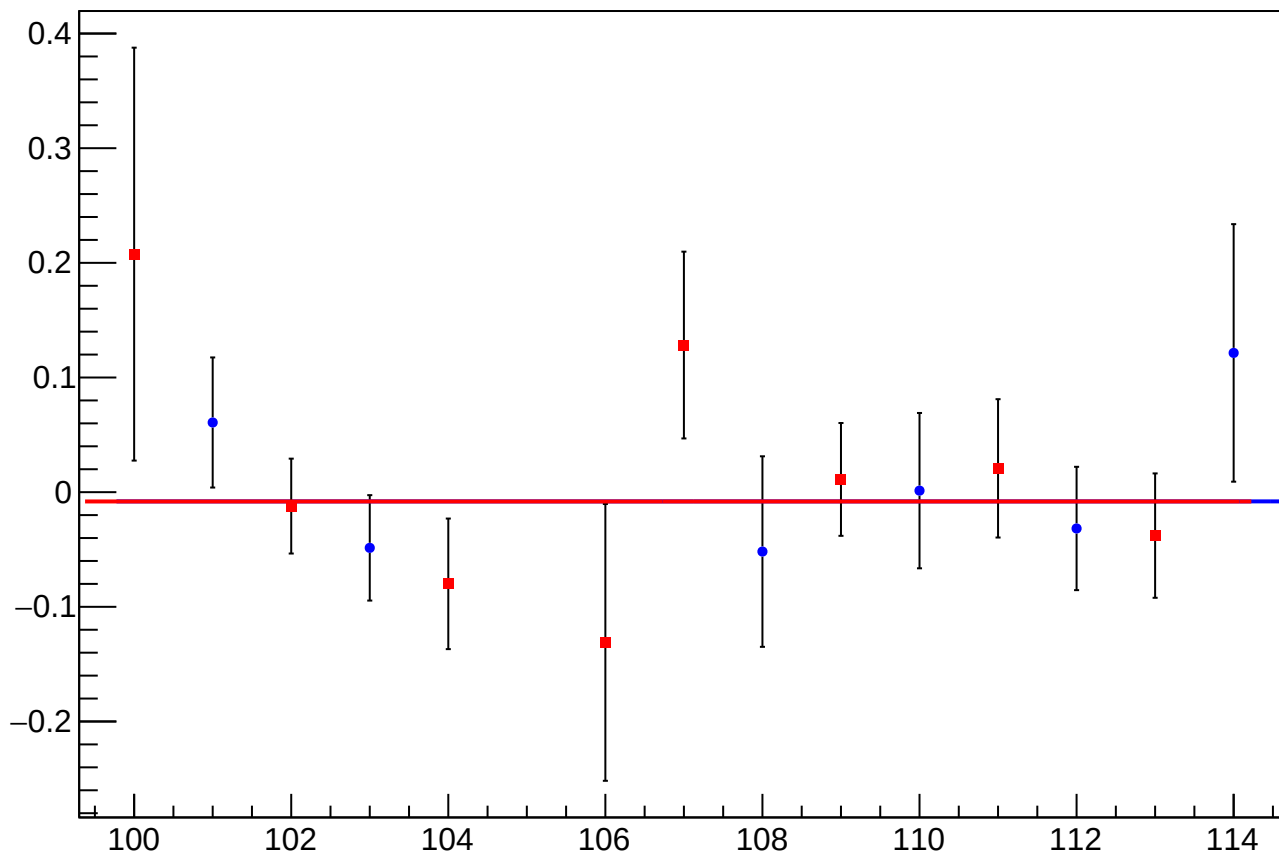
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 334319.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.025 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.021 χ^2 /NDF: 7.6/7

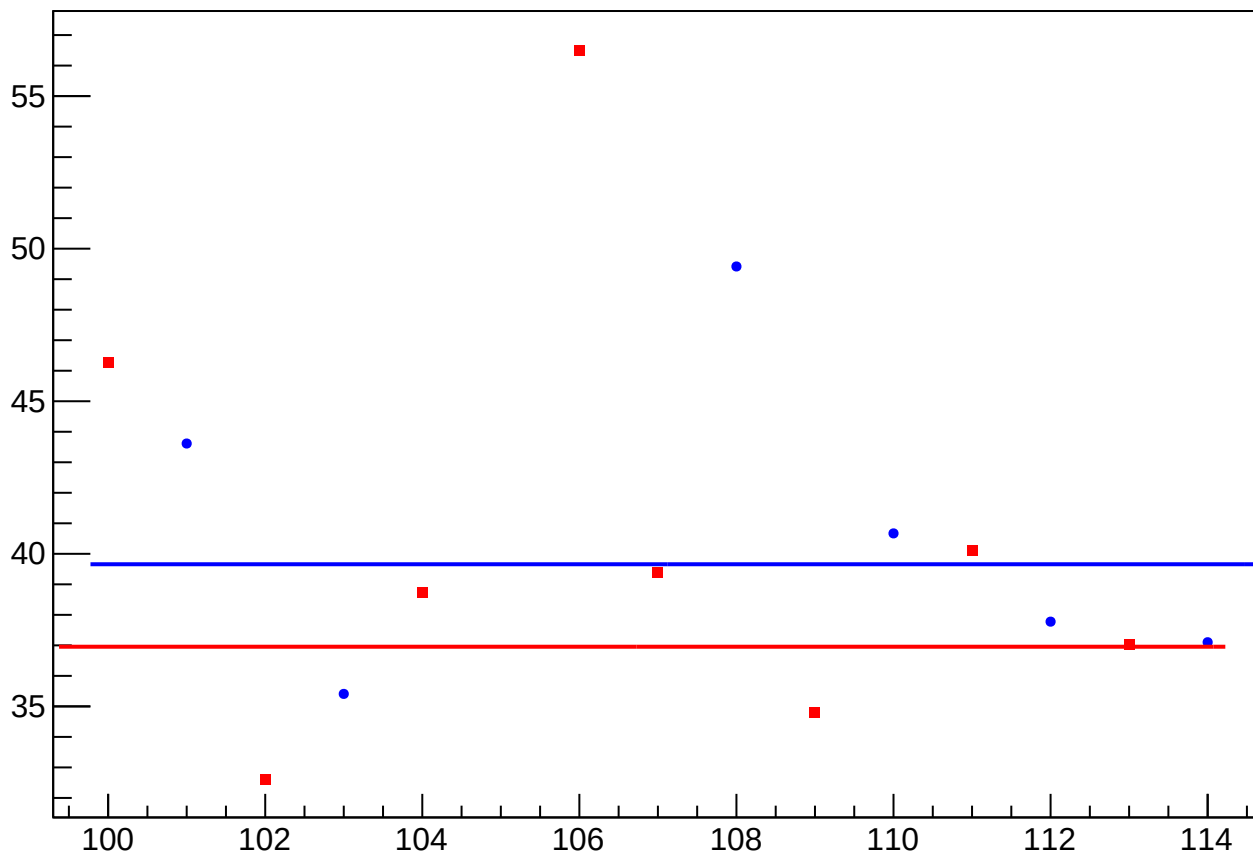
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.016 χ^2 /NDF: 11.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug



Right In: 39.658 $\pm$ 0.018 χ^2 /NDF: 58315.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.955 $\pm$ 0.015 χ^2 /NDF: 93091.7/7

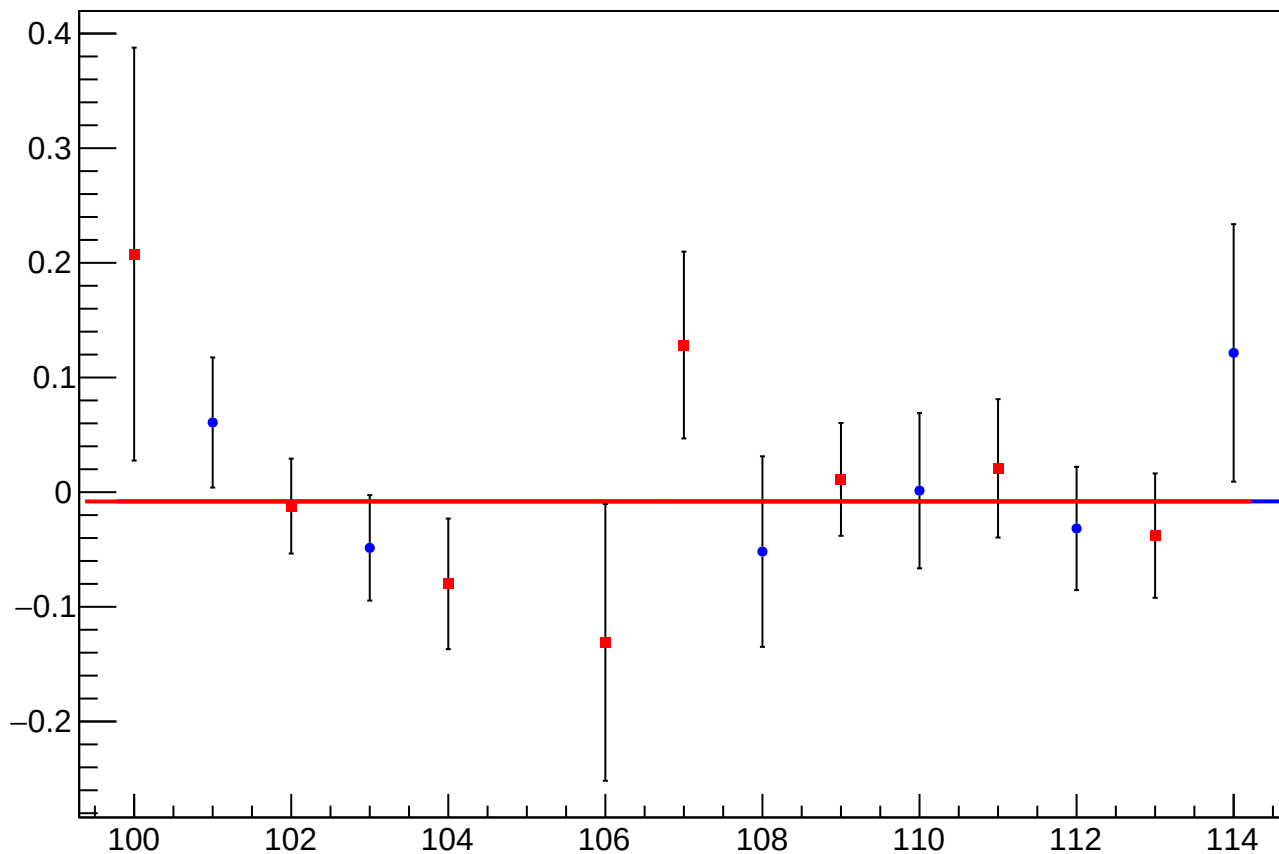
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.090 $\pm$ 0.012 χ^2 /NDF: 164723.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.025 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.021 χ^2 /NDF: 7.6/7

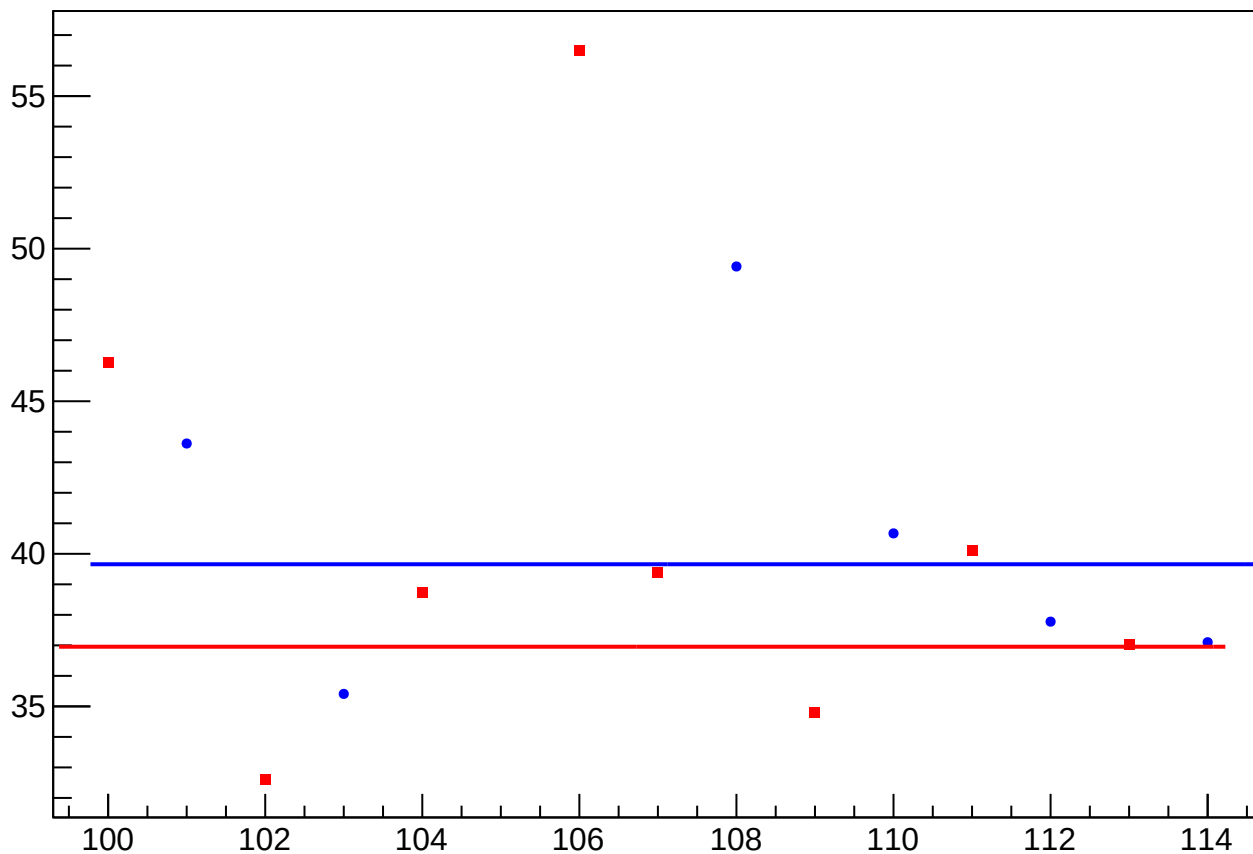
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.016 χ^2 /NDF: 11.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.658+/-0.018 χ^2 /NDF: 58315.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 36.955+/-0.015 χ^2 /NDF: 93091.7/7

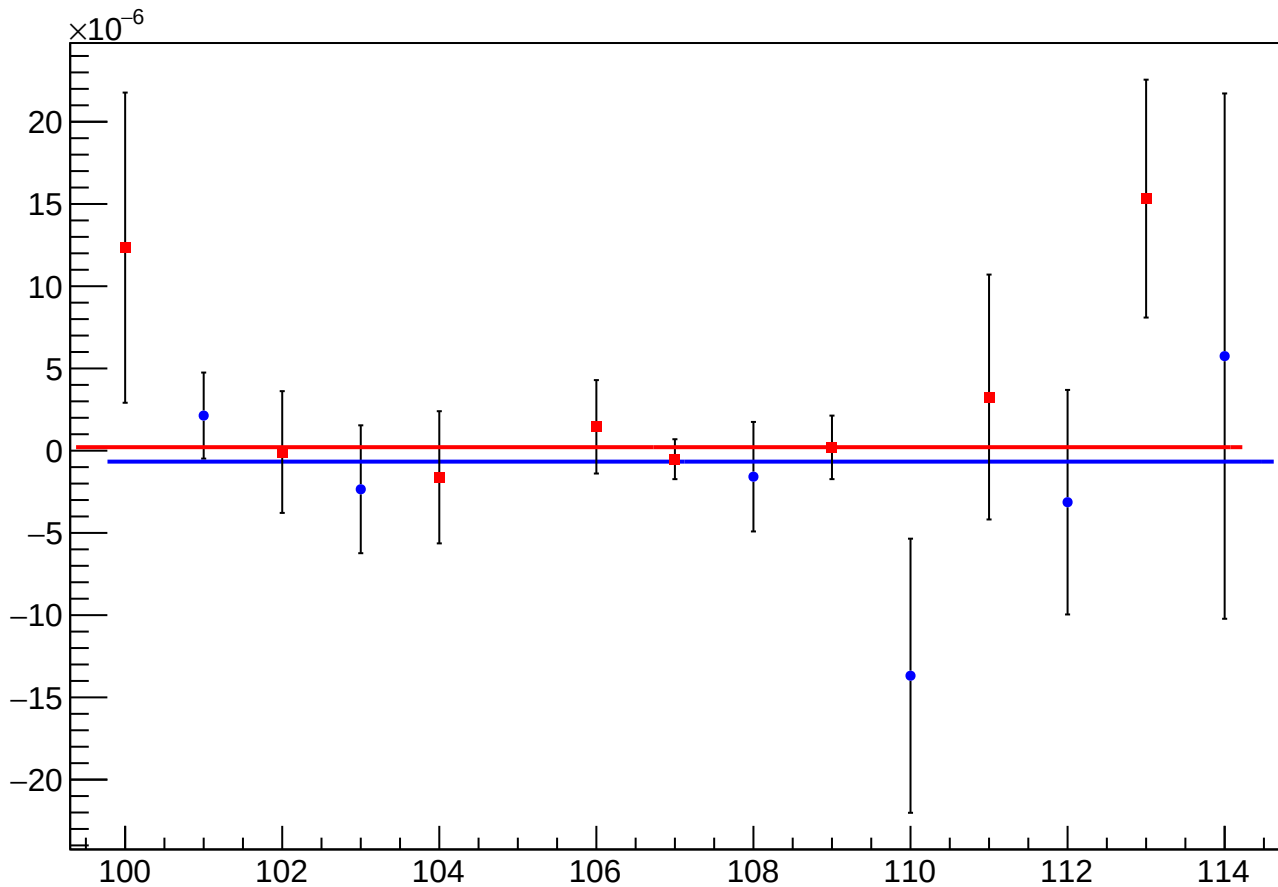
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 38.090+/-0.012 χ^2 /NDF: 164723.7/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.0/7

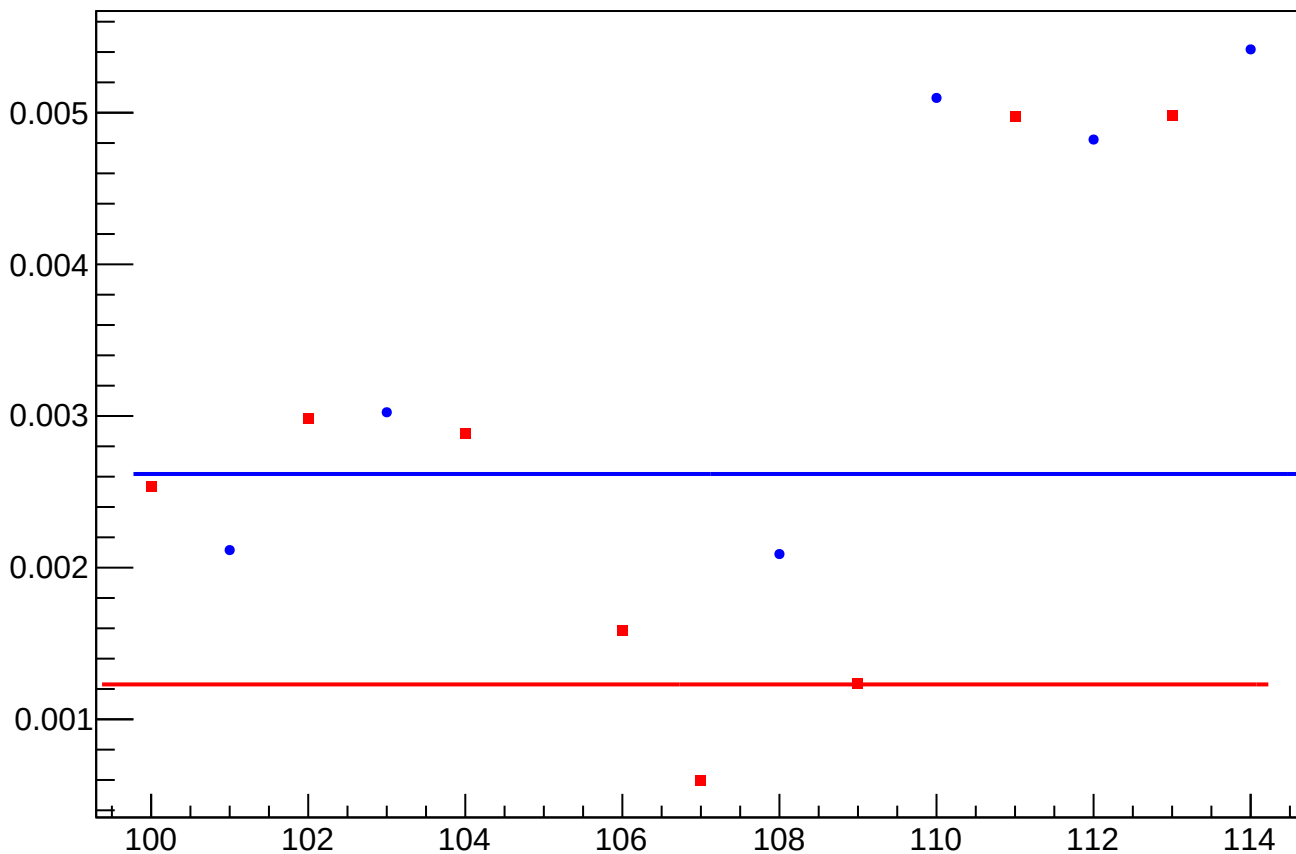
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.3/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 593051.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2448207.8/7

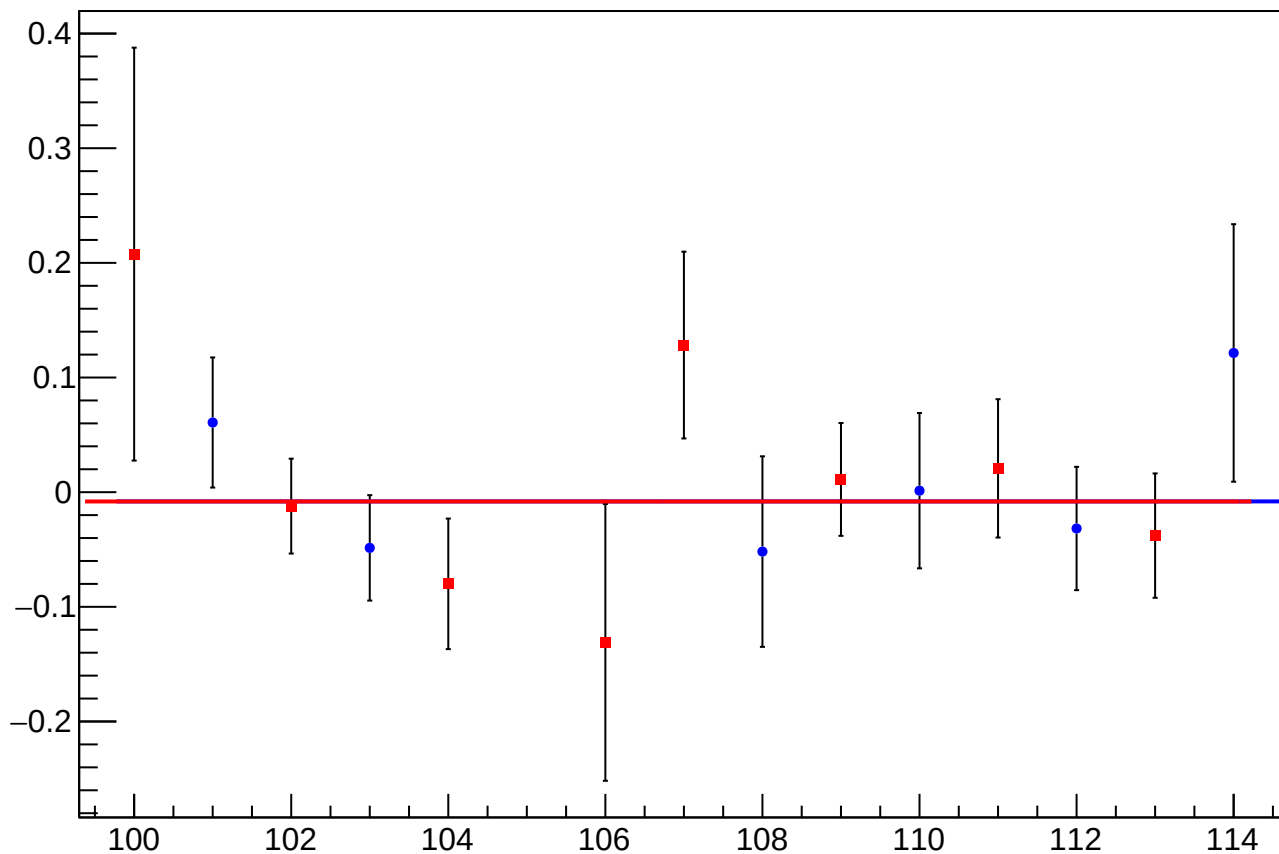
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4076753.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 ± 0.025 χ^2/NDF : 4.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.021 χ^2/NDF : 7.6/7

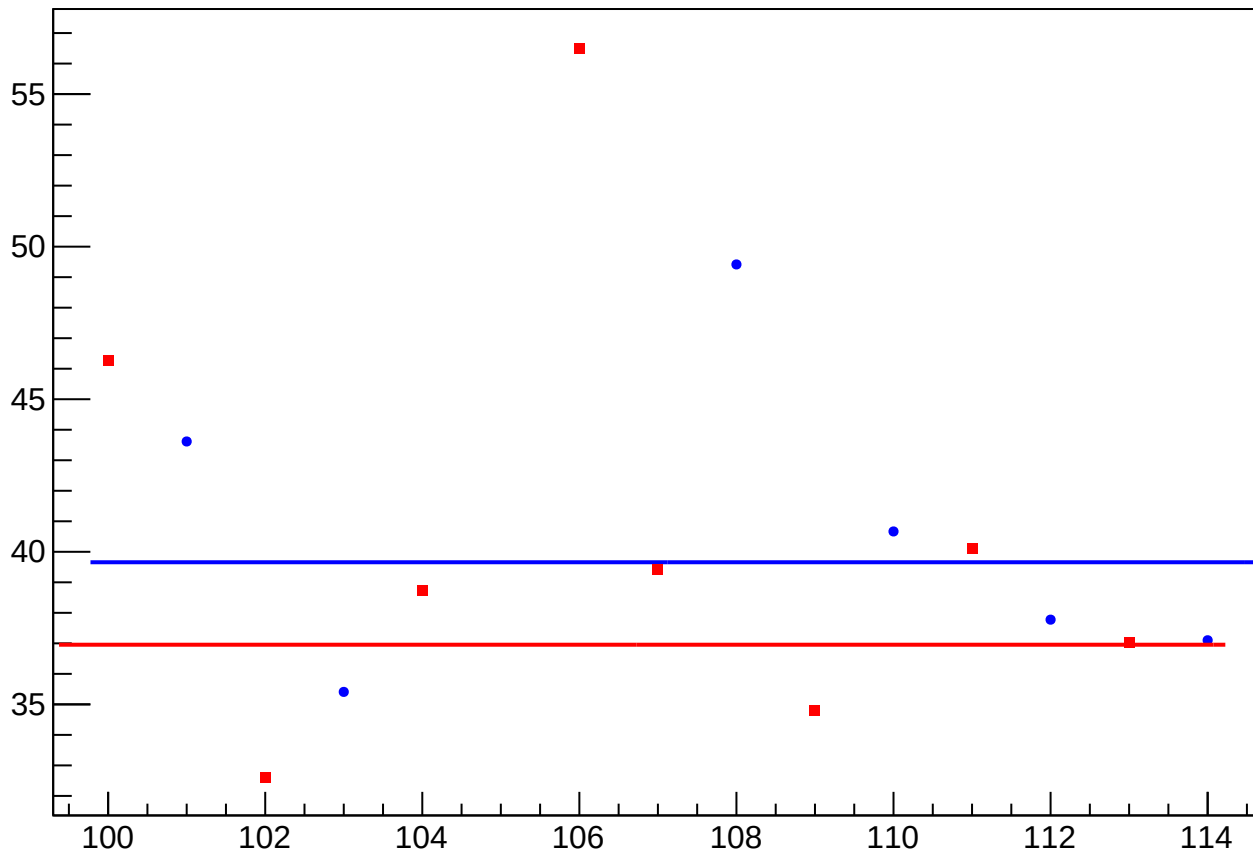
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.016 χ^2/NDF : 11.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.658+/-0.018 χ^2/NDF : 58329.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.955+/-0.015 χ^2/NDF : 93094.8/7

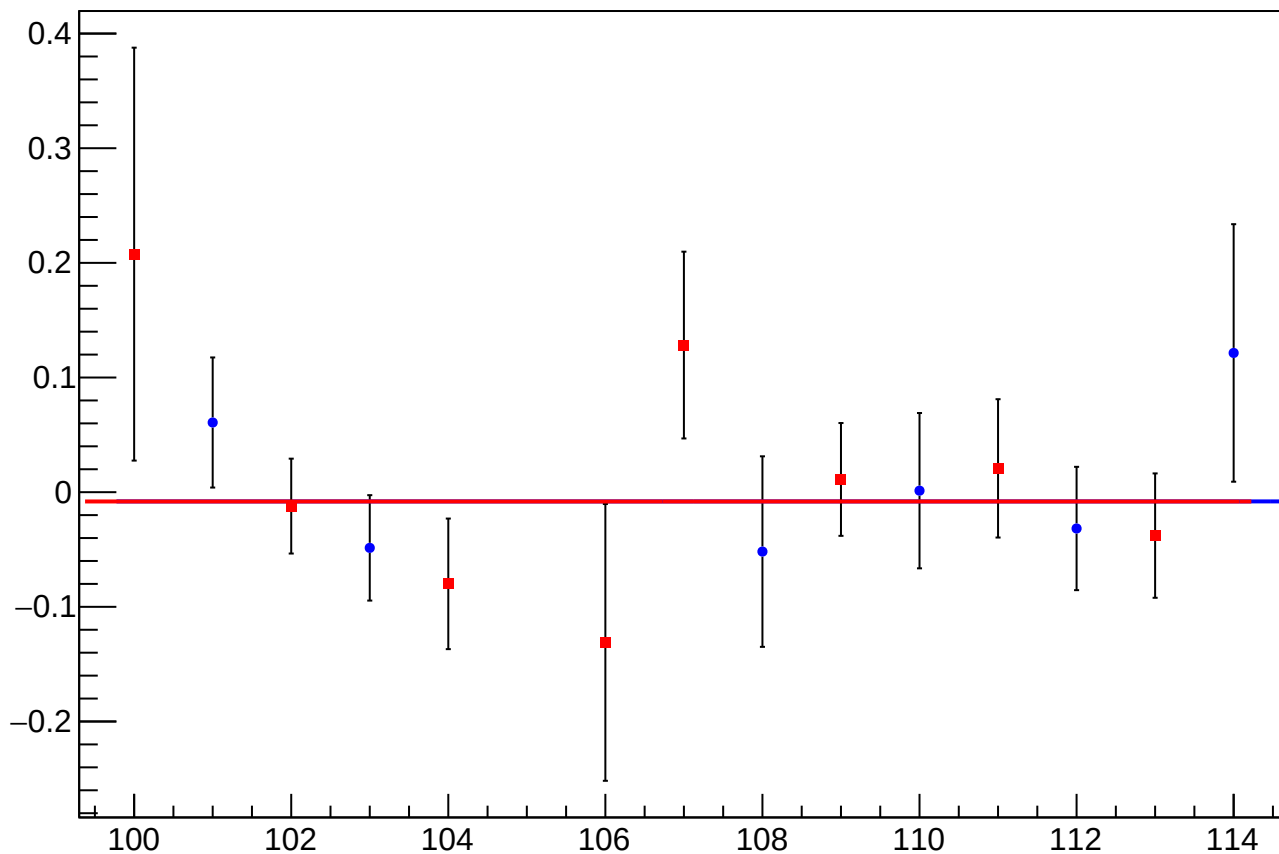
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.090+/-0.012 χ^2/NDF : 164740.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.025 χ^2 /NDF: 4.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.021 χ^2 /NDF: 7.6/7

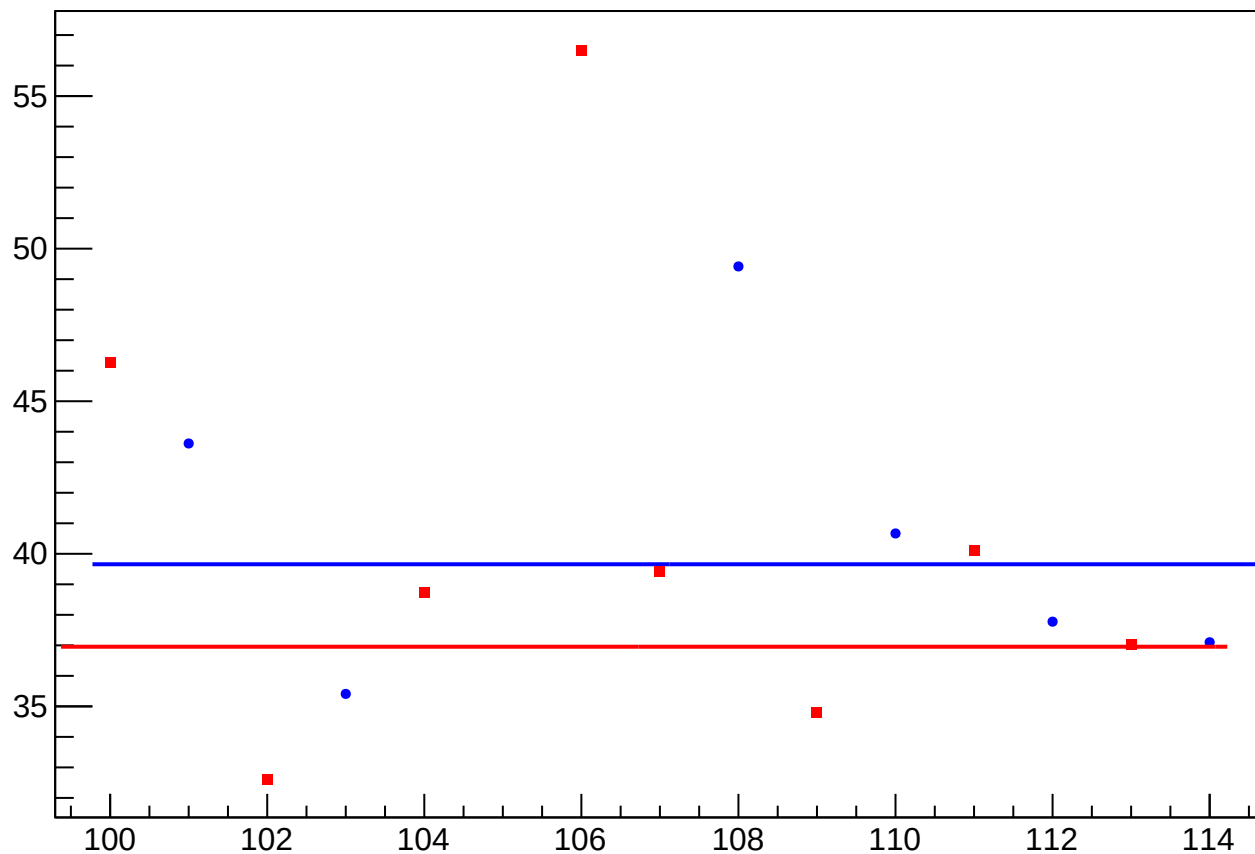
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.016 χ^2 /NDF: 11.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.658+/-0.018 χ^2/NDF : 58329.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.955+/-0.015 χ^2/NDF : 93094.8/7

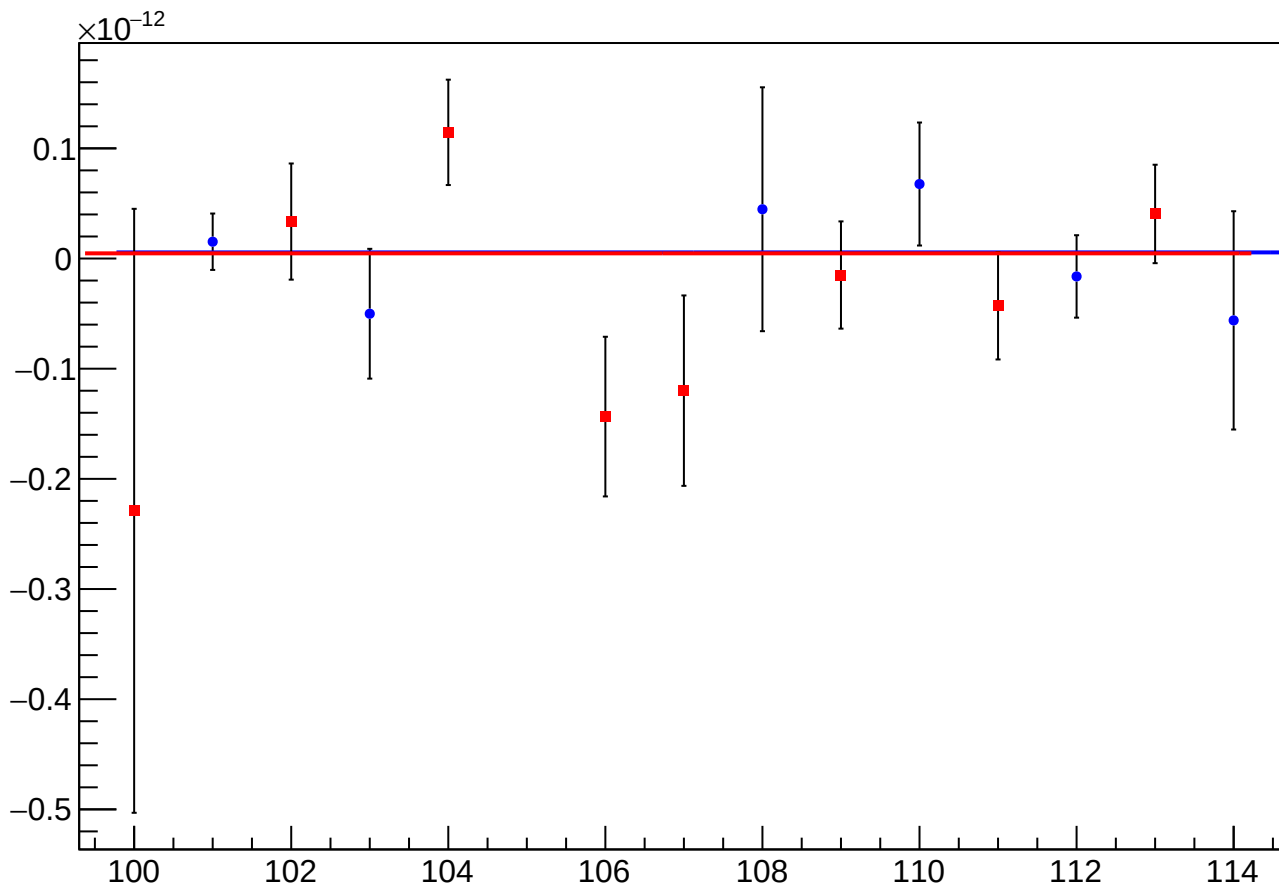
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.090+/-0.012 χ^2/NDF : 164740.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/7

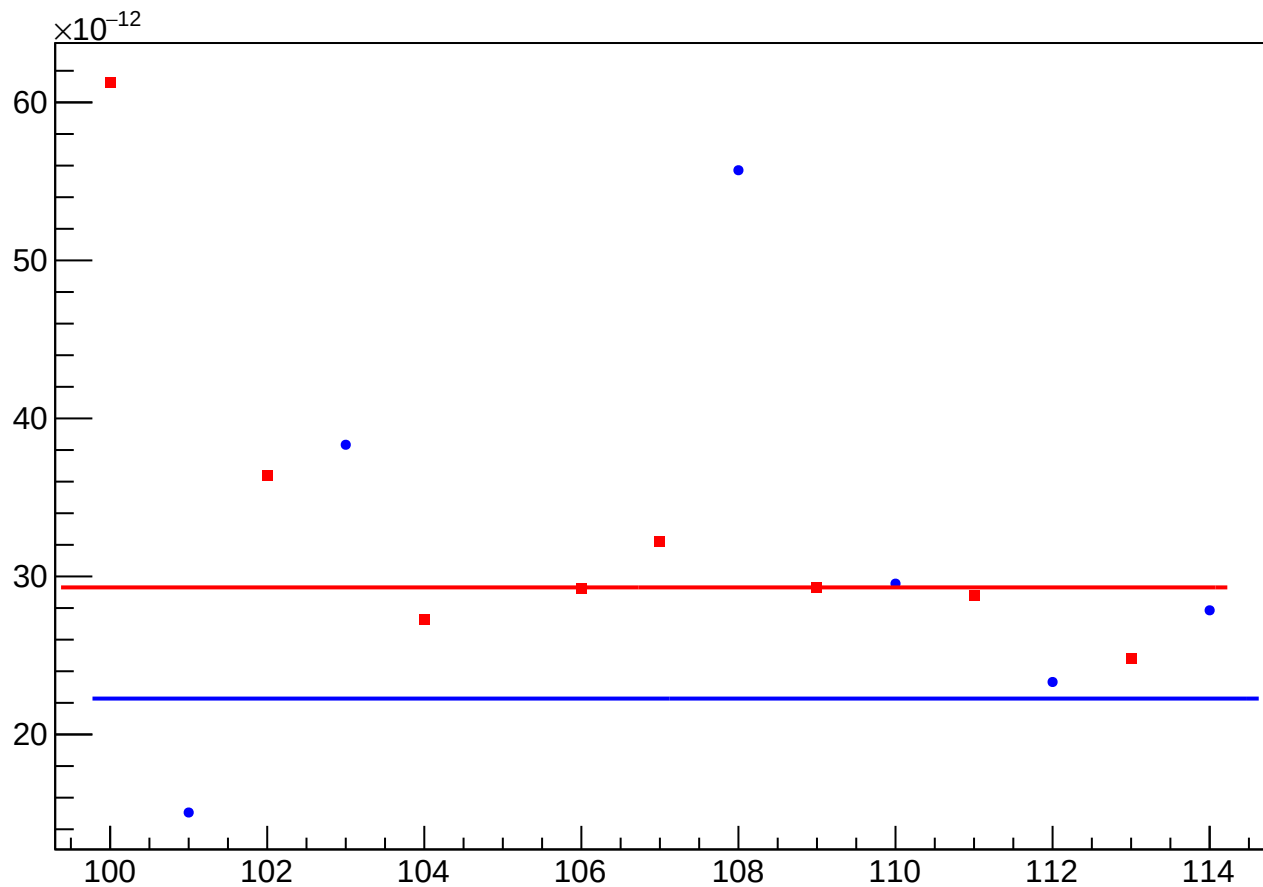
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 531861.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 89207.5/7

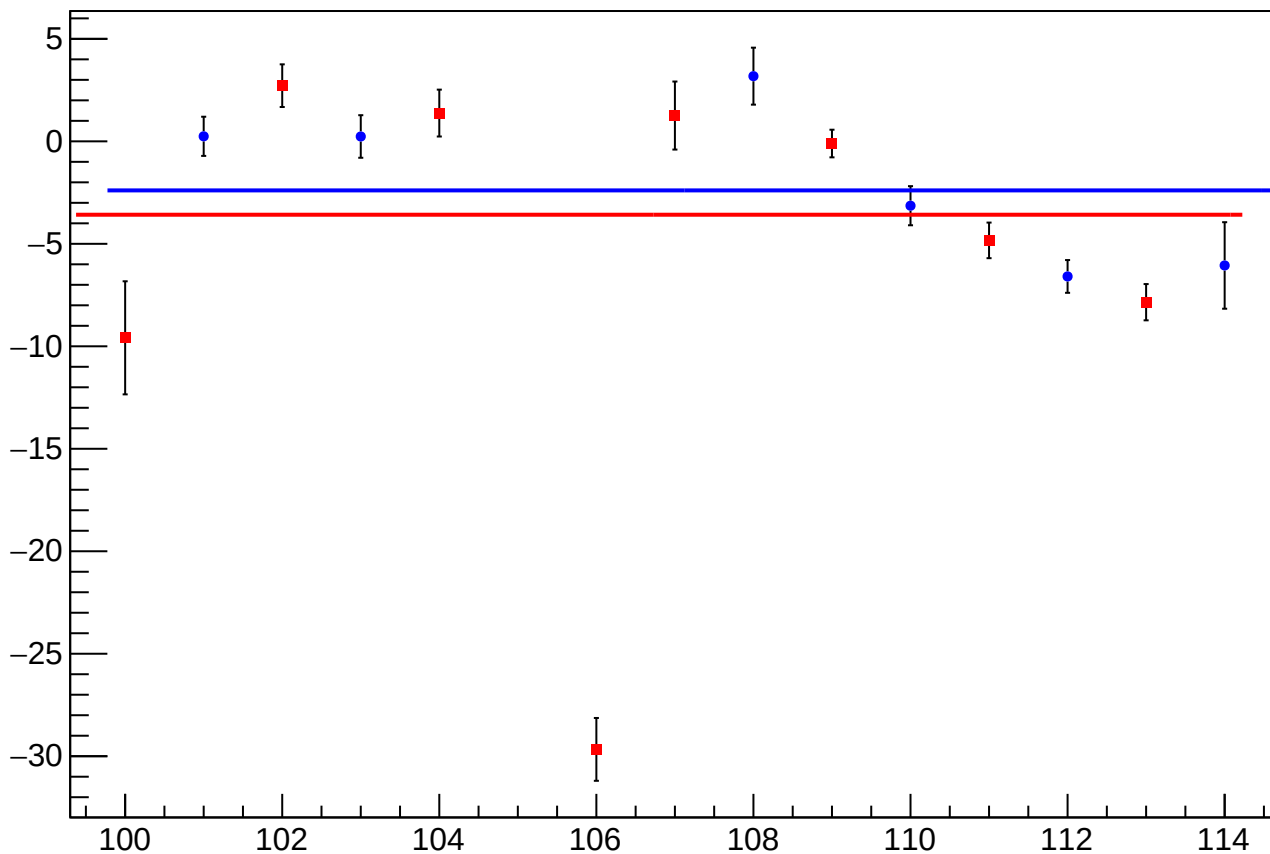
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 756090.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.394+/-0.429 χ^2/NDF : 61.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.581+/-0.367 χ^2/NDF : 410.3/7

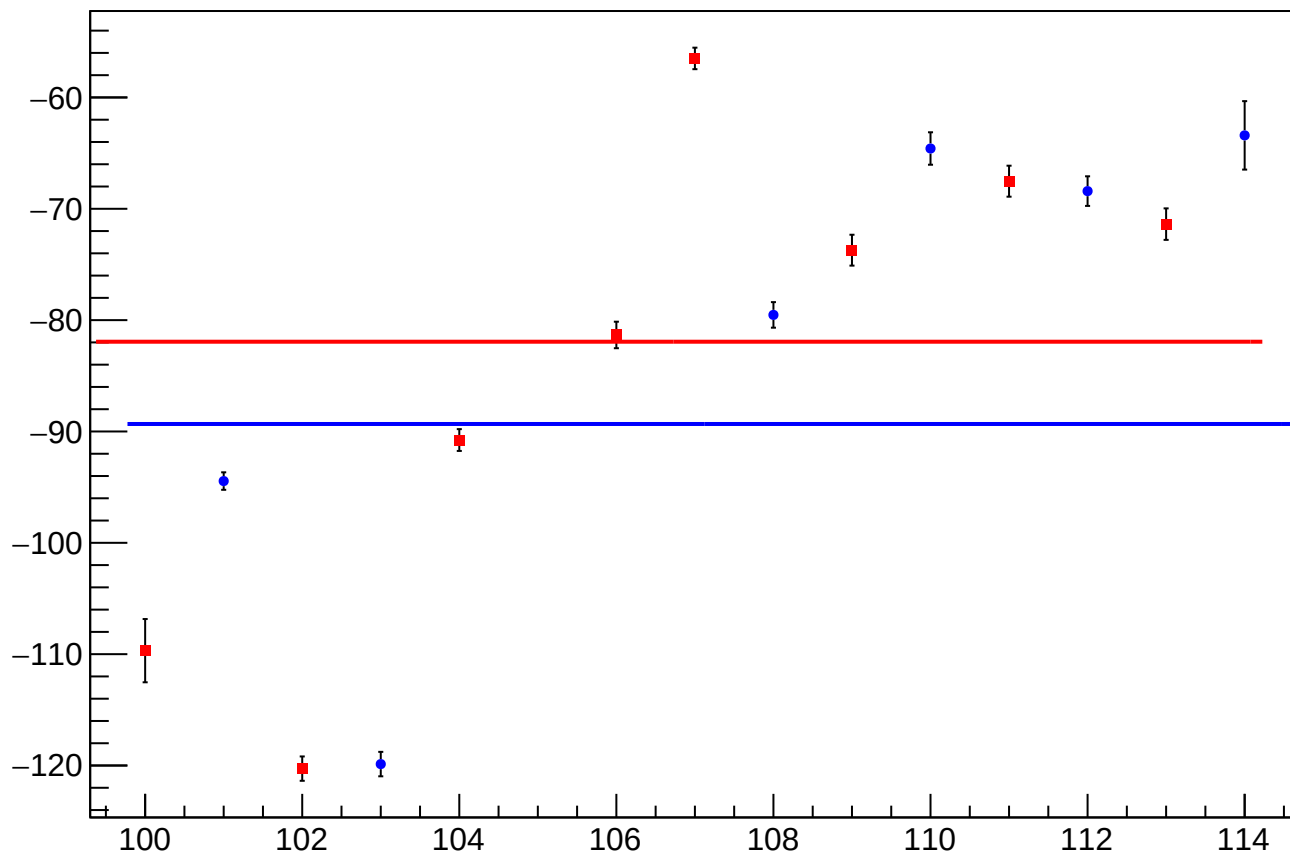
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.079+/-0.279 χ^2/NDF : 476.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -89.327 ± 0.479 χ^2/NDF : 1496.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.938 ± 0.434 χ^2/NDF : 2299.1/7

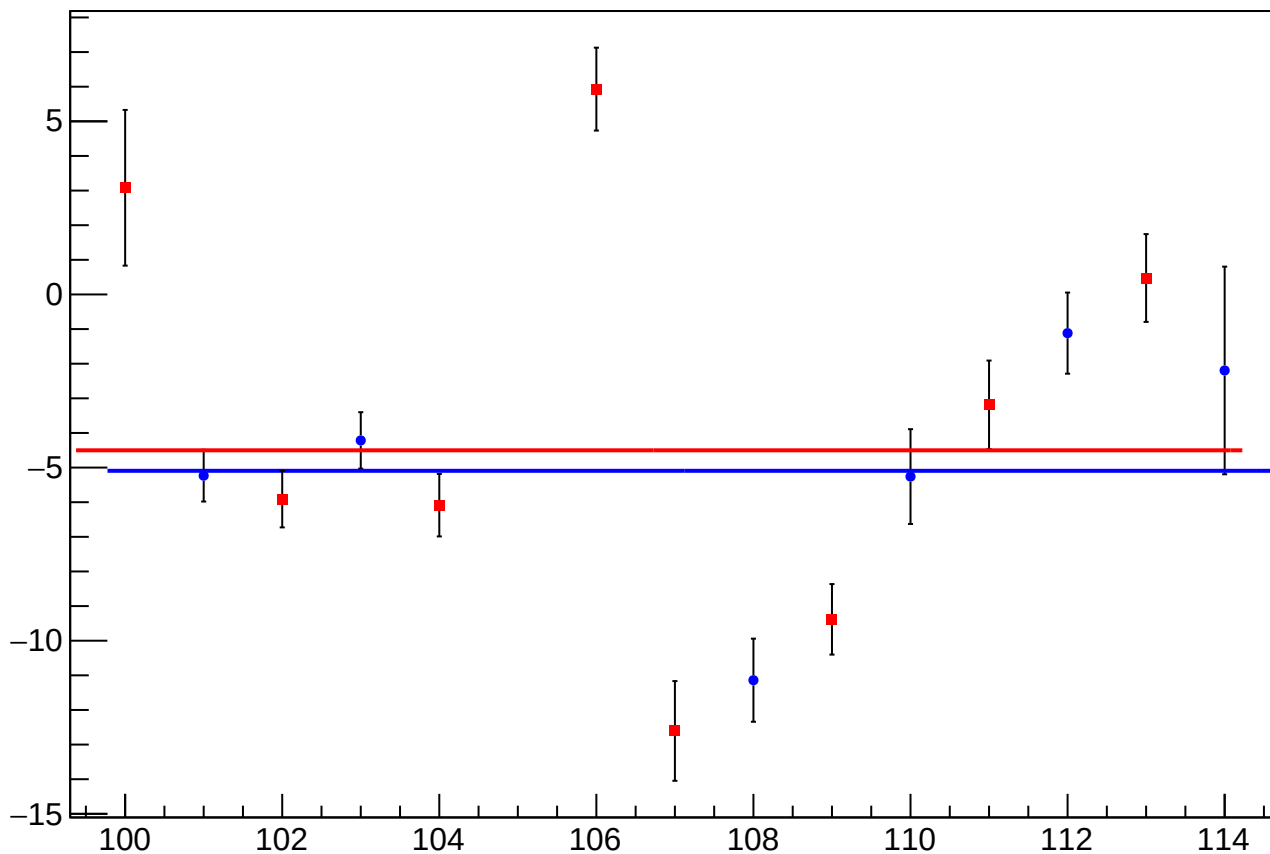
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.264 ± 0.322 χ^2/NDF : 3925.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -5.093+/-0.432 χ^2/NDF : 39.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.501+/-0.398 χ^2/NDF : 164.5/7

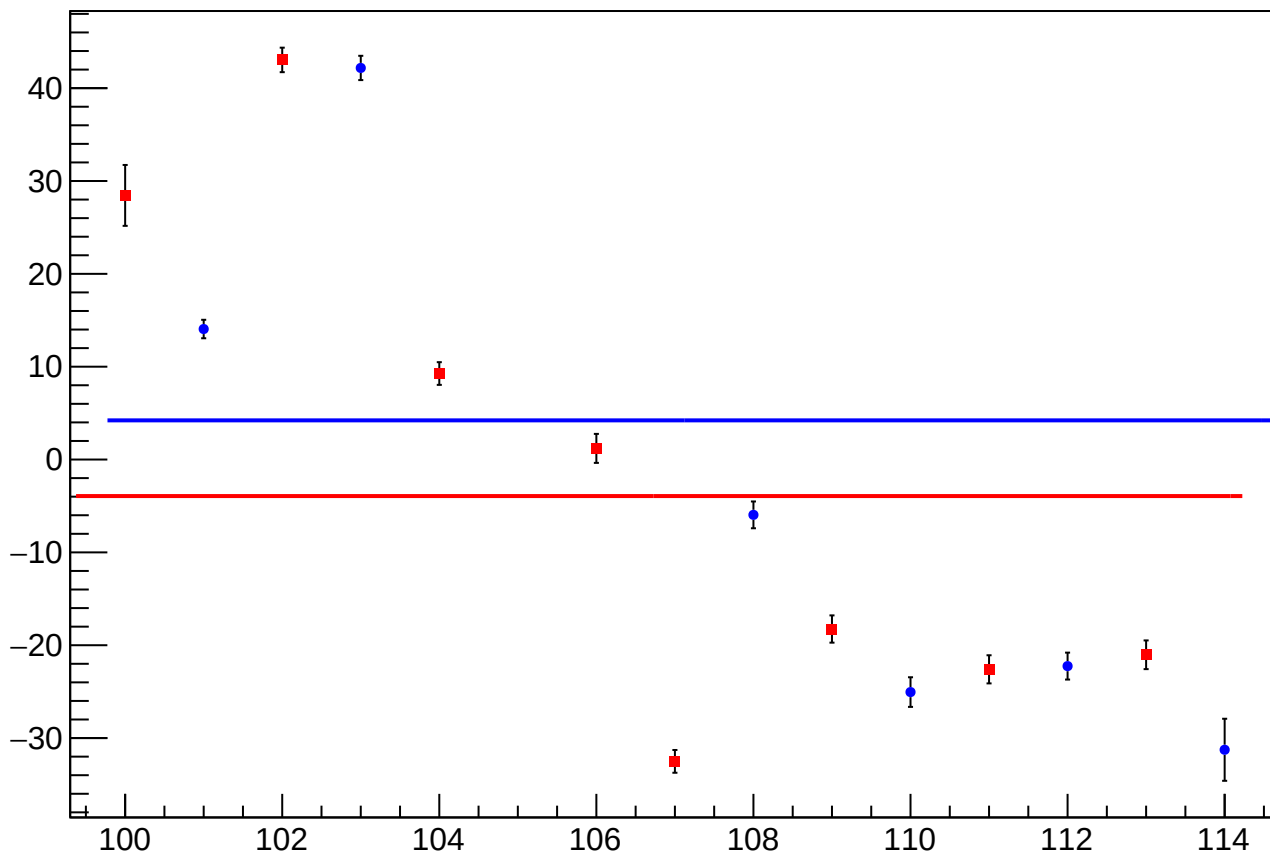
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.773+/-0.293 χ^2/NDF : 204.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 4.219+/-0.574 χ^2/NDF : 1772.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.934+/-0.518 χ^2/NDF : 2405.0/7

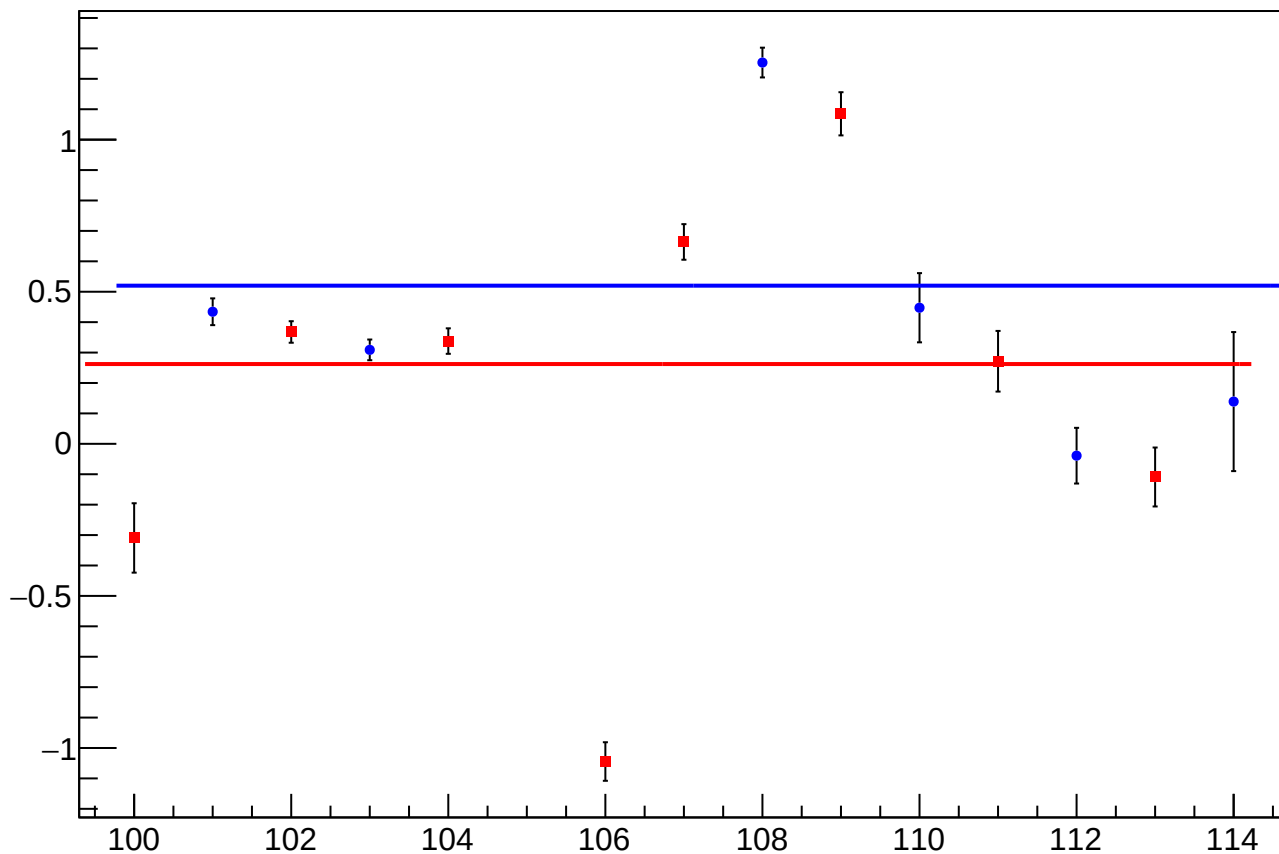
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.278+/-0.385 χ^2/NDF : 4288.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.520 $\pm$ 0.022 χ^2 /NDF: 307.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.262 $\pm$ 0.020 χ^2 /NDF: 658.3/7

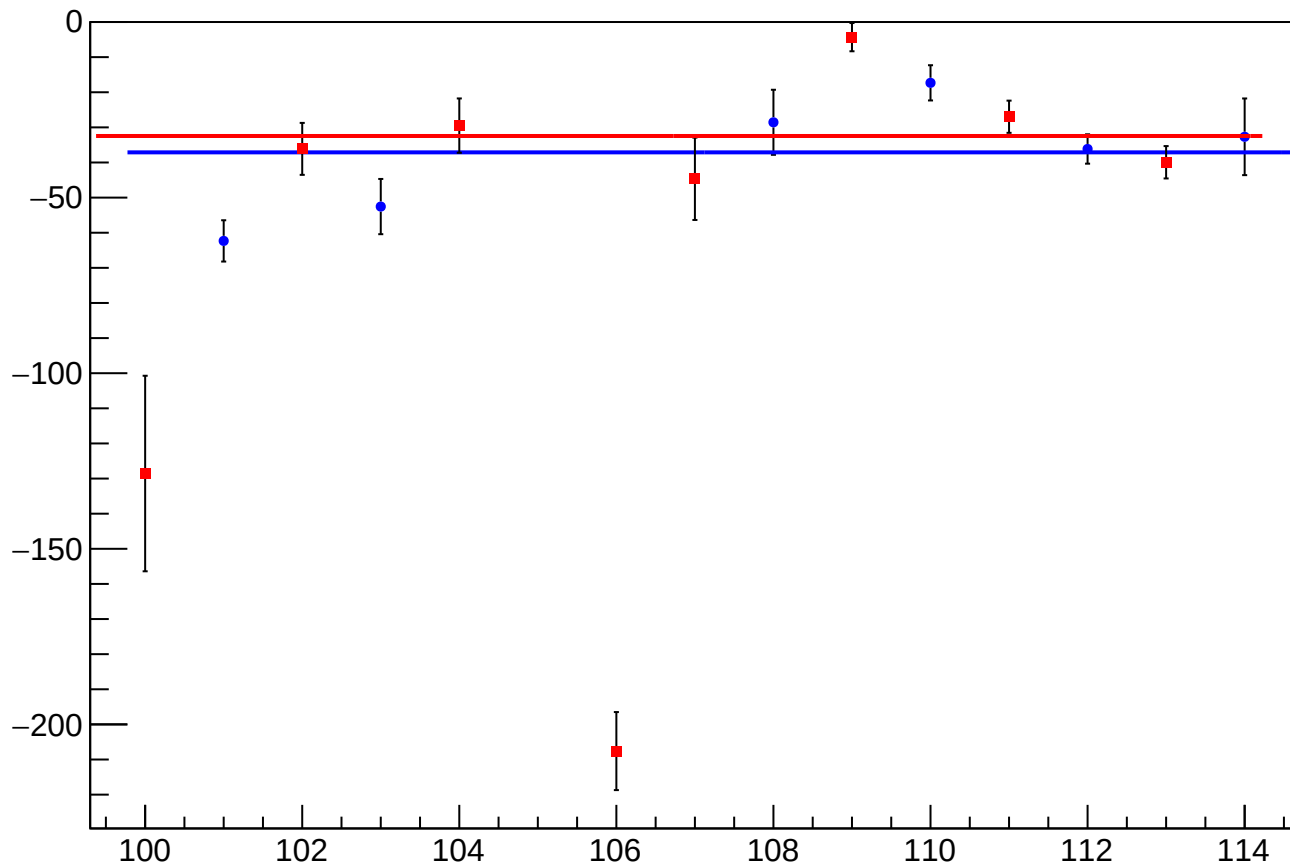
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.380 $\pm$ 0.015 χ^2 /NDF: 1038.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -37.115 ± 2.484 $\chi^2/\text{NDF}: 38.9/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -32.453 ± 2.192 $\chi^2/\text{NDF}: 314.9/7$

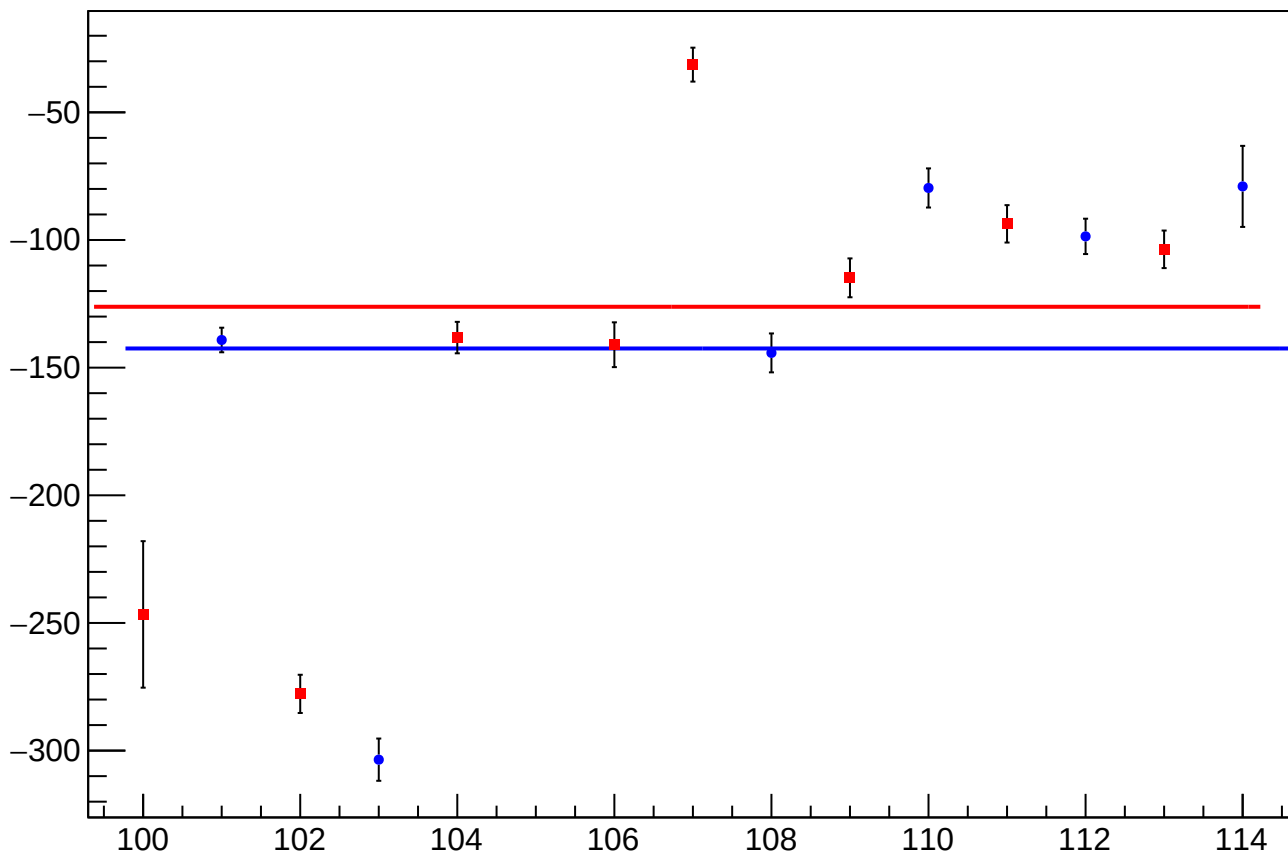
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.494 ± 1.643 $\chi^2/\text{NDF}: 355.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -142.491 $\pm$ 2.926 χ^2/NDF : 502.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -126.156 $\pm$ 2.717 χ^2/NDF : 669.6/7

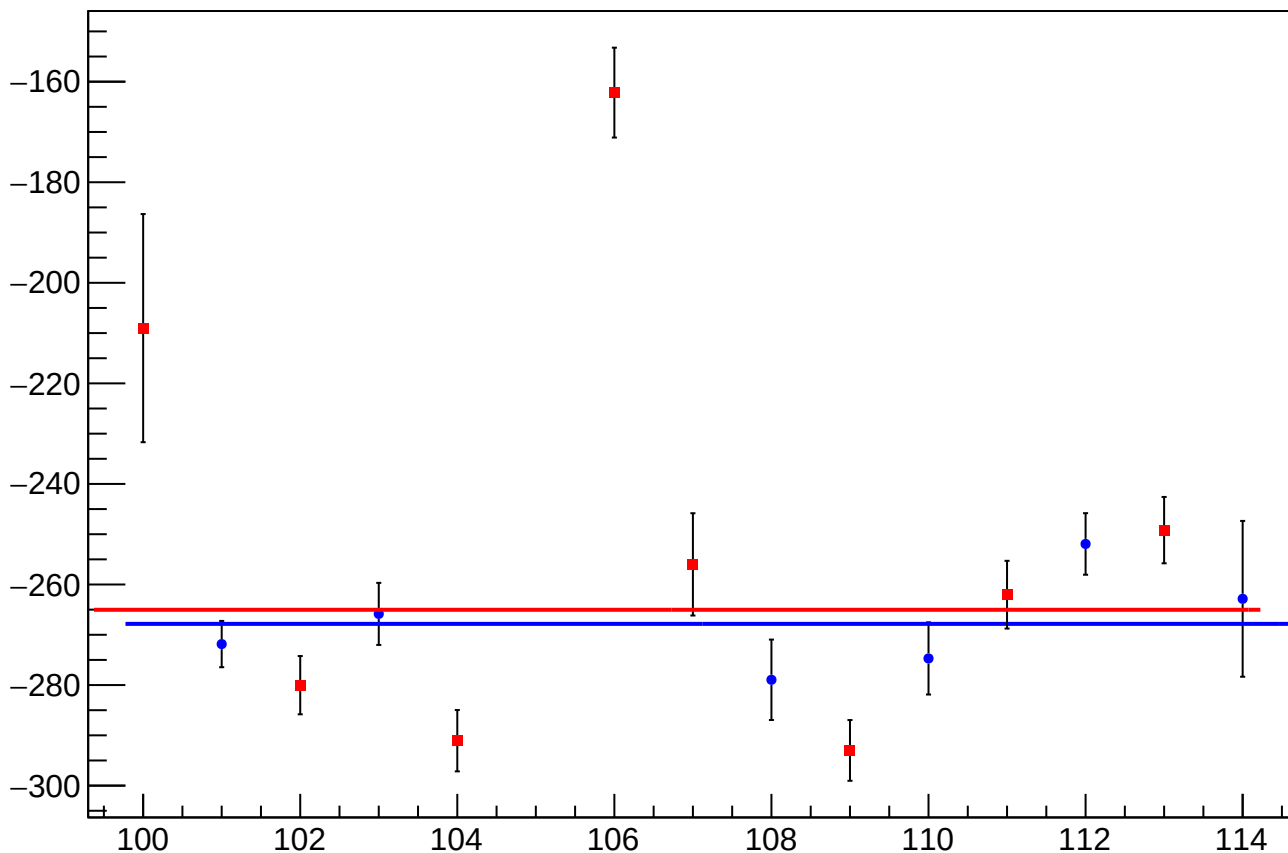
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -133.721 $\pm$ 1.991 χ^2/NDF : 1189.2/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -267.830 ± 2.679 χ^2/NDF : 10.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -265.027 ± 2.555 χ^2/NDF : 191.6/7

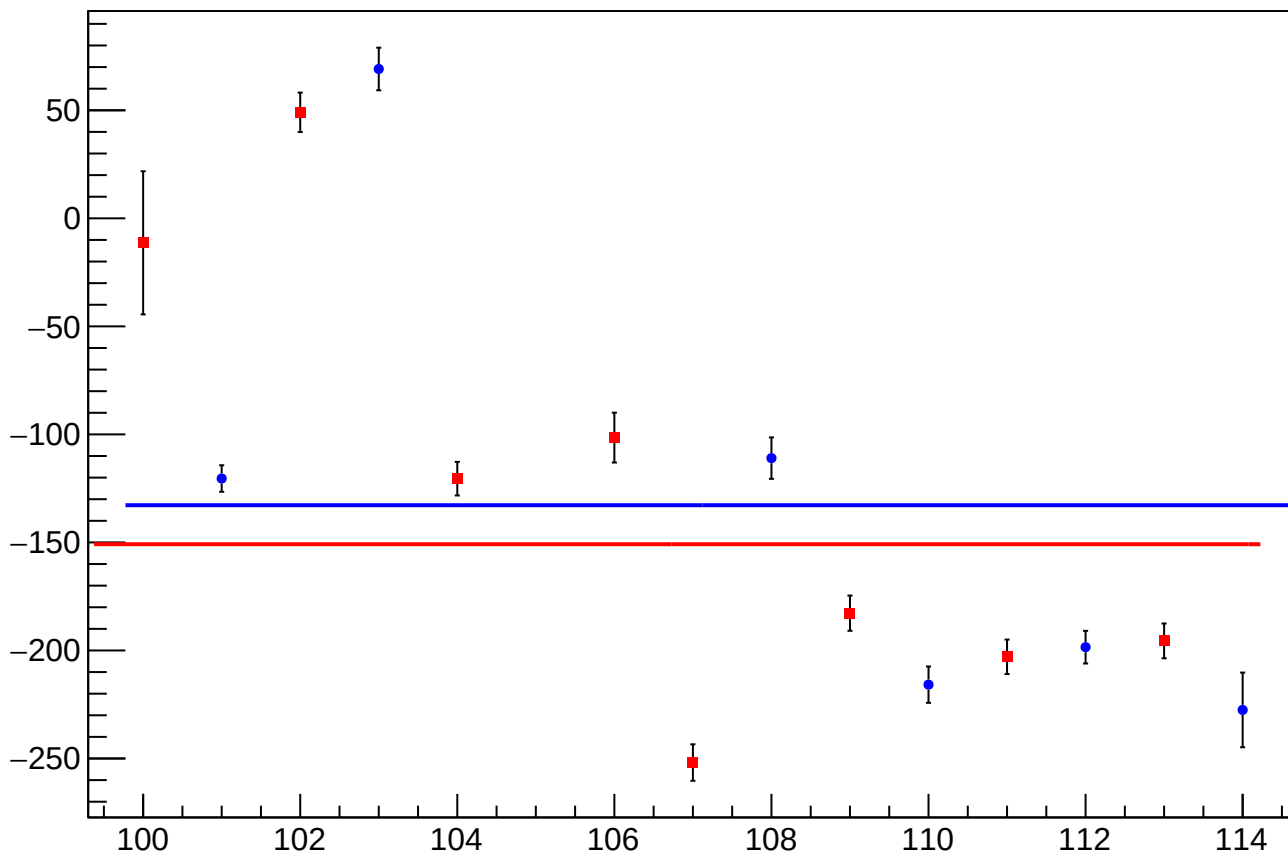
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -266.362 ± 1.849 χ^2/NDF : 202.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -132.776+/-3.477 χ^2/NDF : 632.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.829+/-3.208 χ^2/NDF : 763.4/7

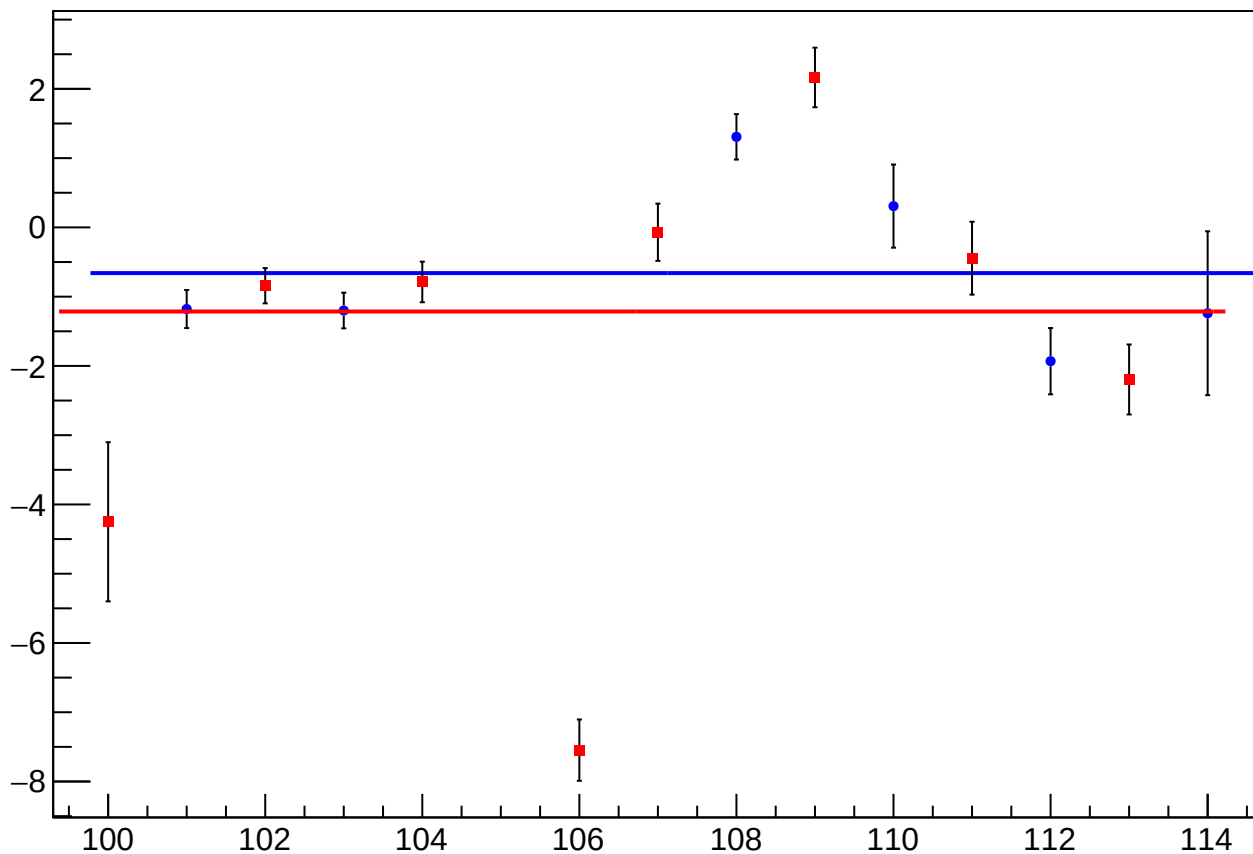
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.526+/-2.358 χ^2/NDF : 1410.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: -0.660 ± 0.148 χ^2/NDF : 53.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.214 ± 0.139 χ^2/NDF : 291.2/7

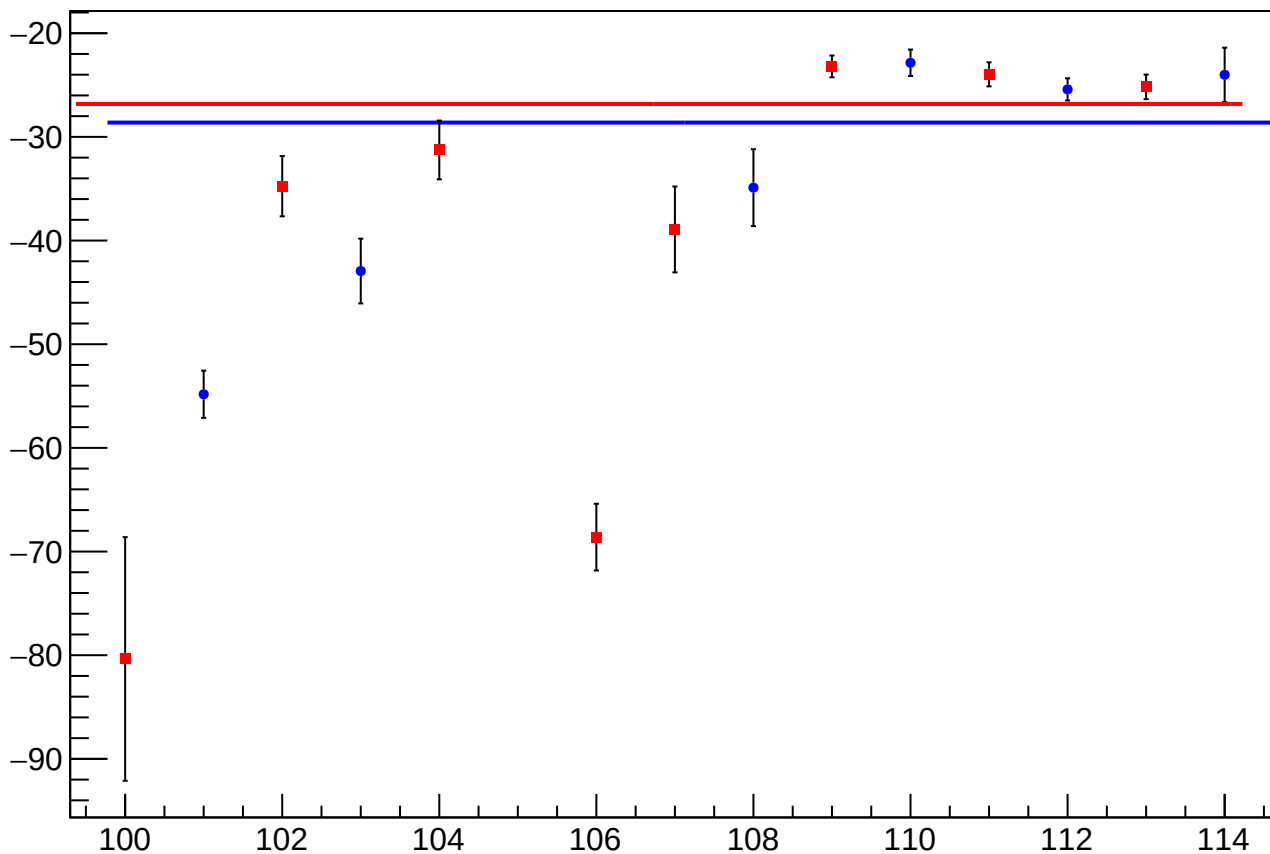
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.955 ± 0.101 χ^2/NDF : 352.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -28.619 ± 0.708 χ^2/NDF : 188.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.823 ± 0.600 χ^2/NDF : 227.7/7

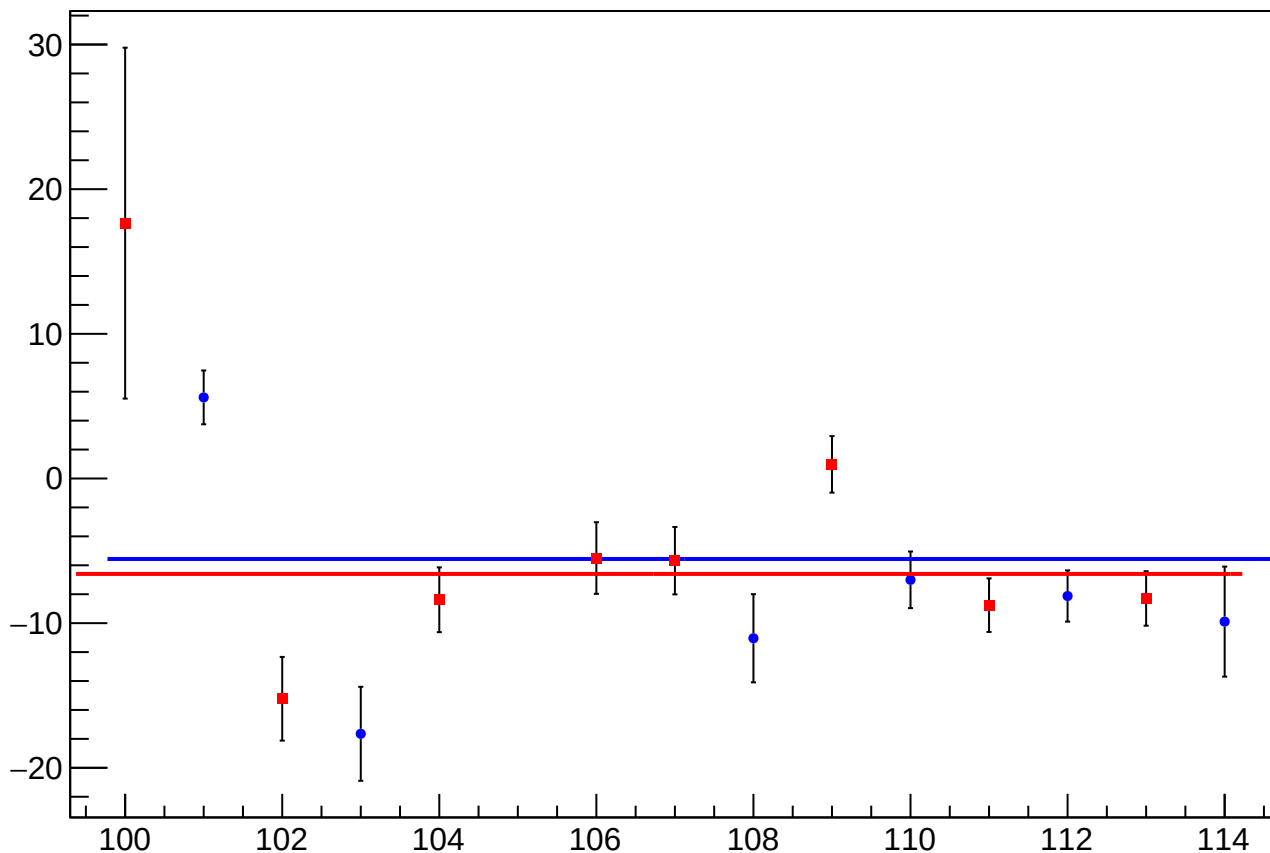
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.573 ± 0.458 χ^2/NDF : 420.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -5.563+/-0.936 χ^2/NDF : 57.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.597+/-0.814 χ^2/NDF : 31.1/7

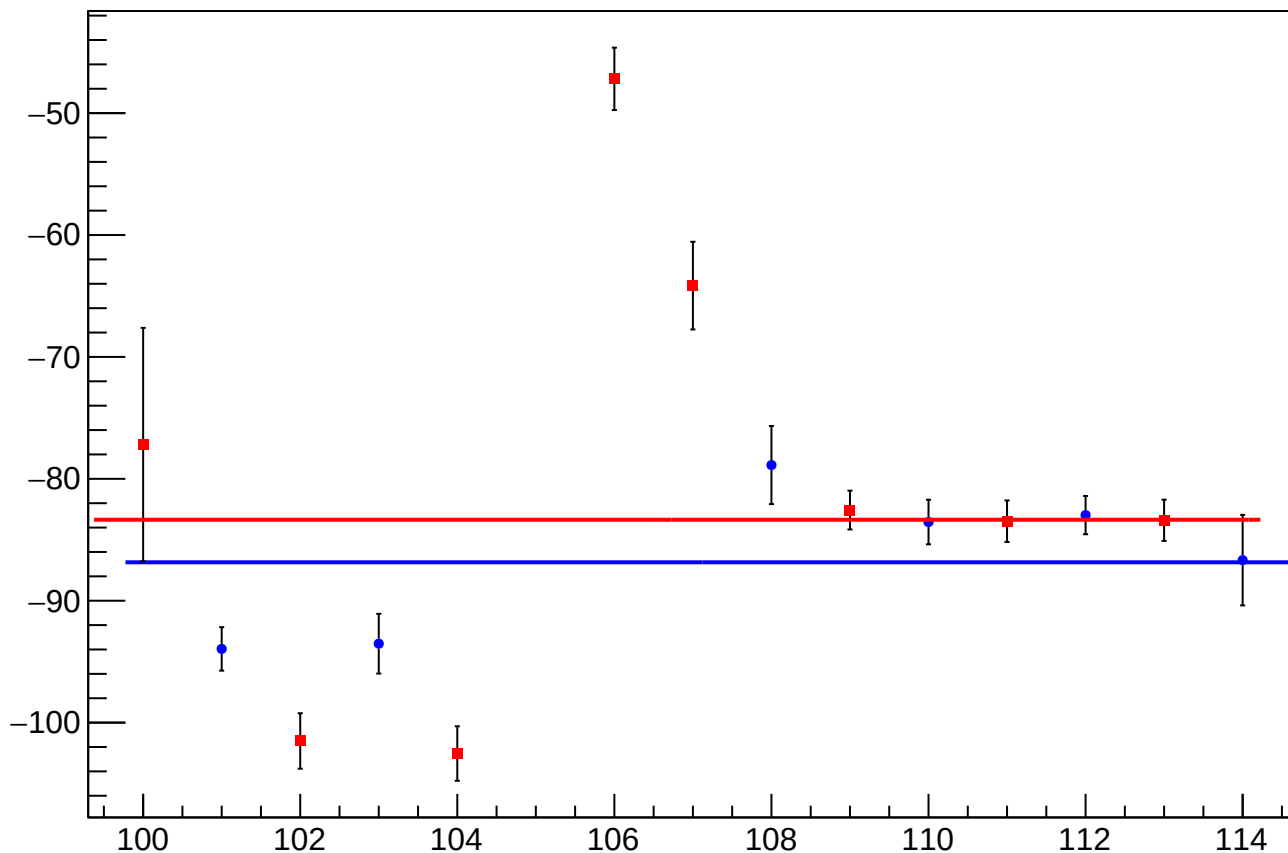
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.152+/-0.614 χ^2/NDF : 88.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -86.847 ± 0.859 χ^2/NDF : 38.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -83.358 ± 0.762 χ^2/NDF : 366.2/7

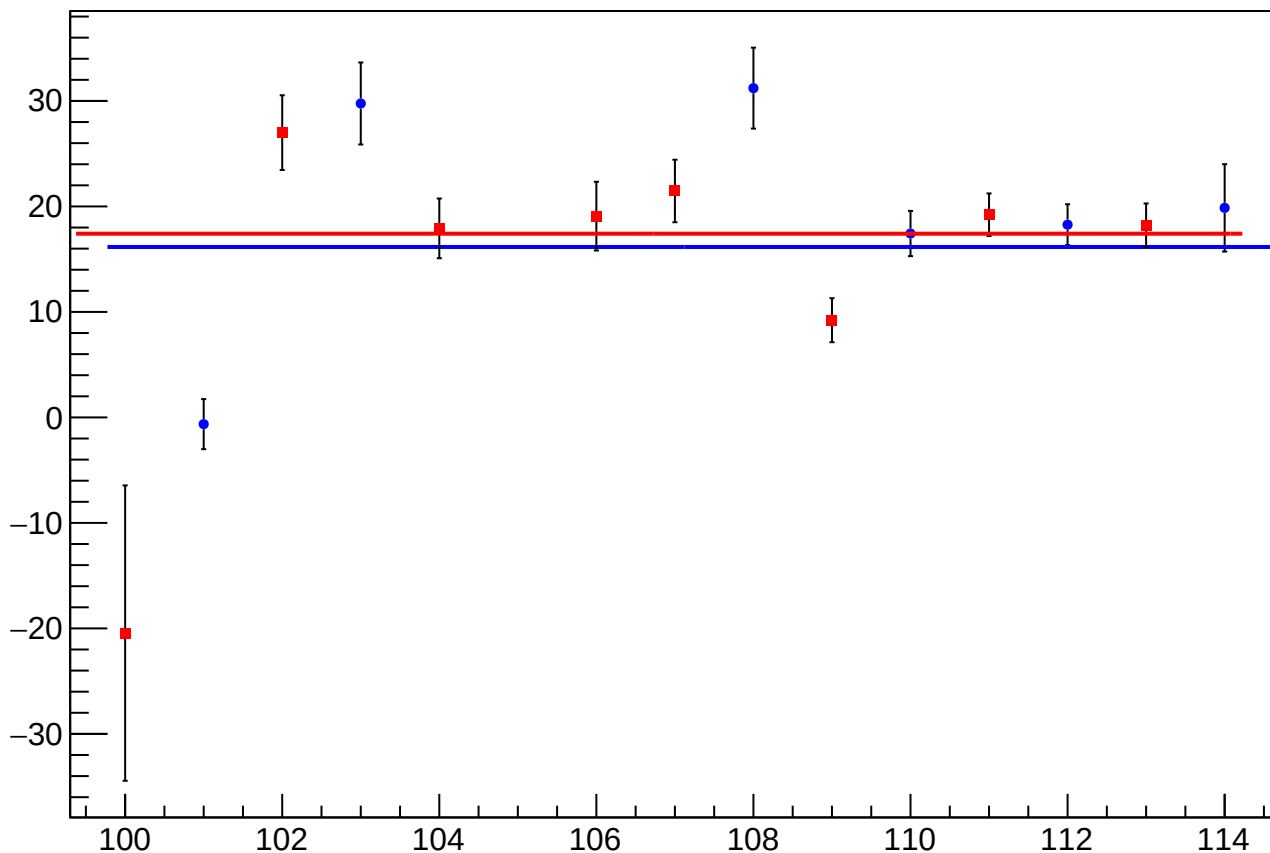
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.895 ± 0.570 χ^2/NDF : 414.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 16.157 $\pm$ 1.082 χ^2 /NDF: 80.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.415 $\pm$ 0.942 χ^2 /NDF: 33.2/7

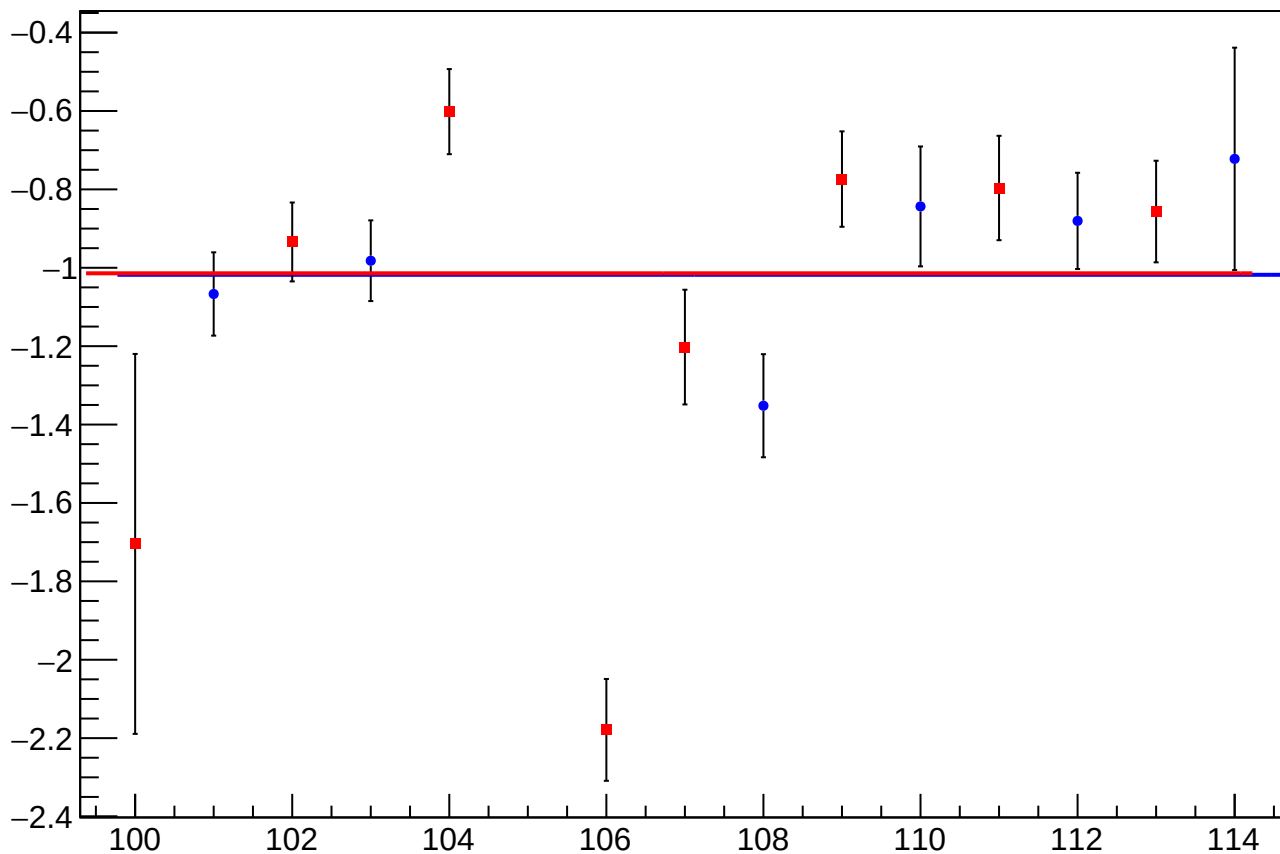
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.873 $\pm$ 0.710 χ^2 /NDF: 114.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -1.018+/-0.053 χ^2/NDF : 10.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.014+/-0.046 χ^2/NDF : 107.2/7

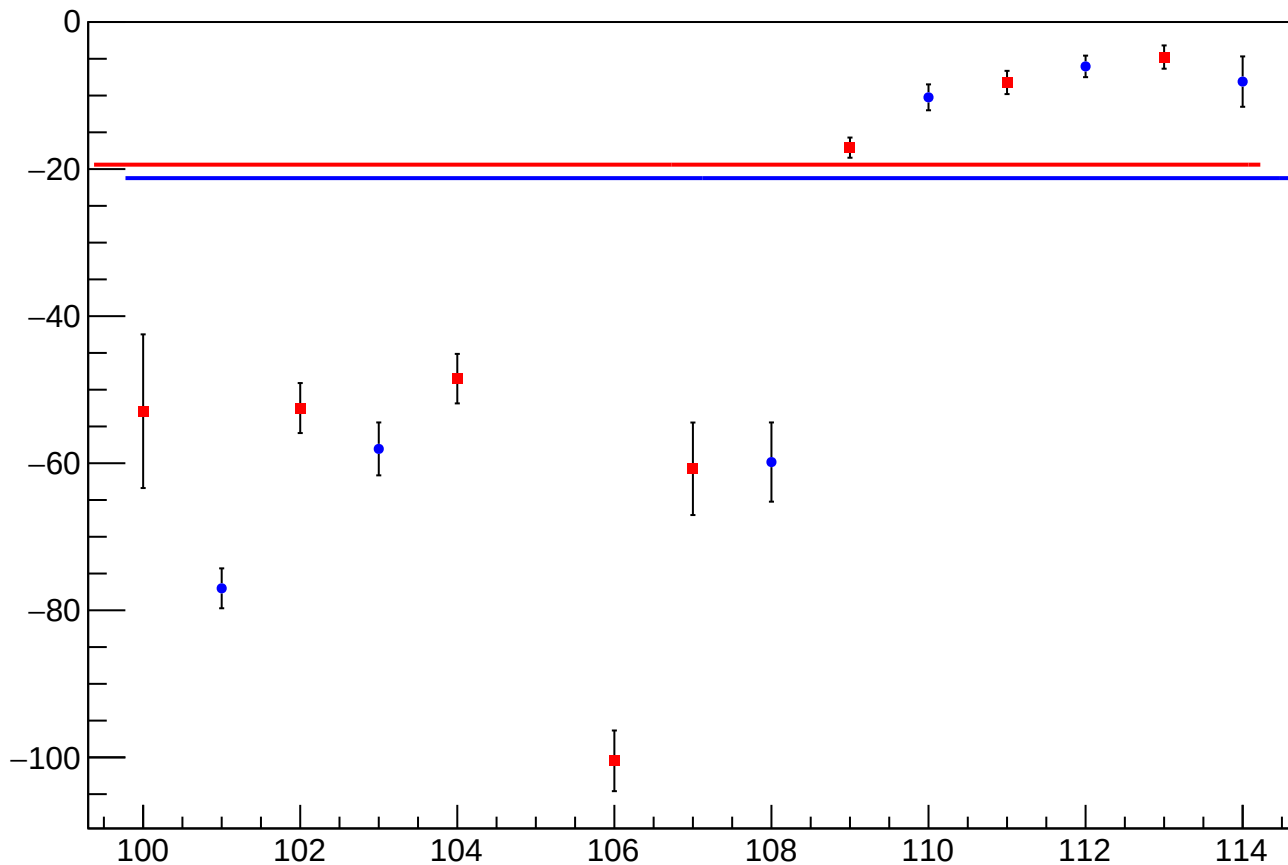
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.016+/-0.035 χ^2/NDF : 117.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -21.230+/-0.944 χ^2/NDF : 740.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.398+/-0.791 χ^2/NDF : 747.5/7

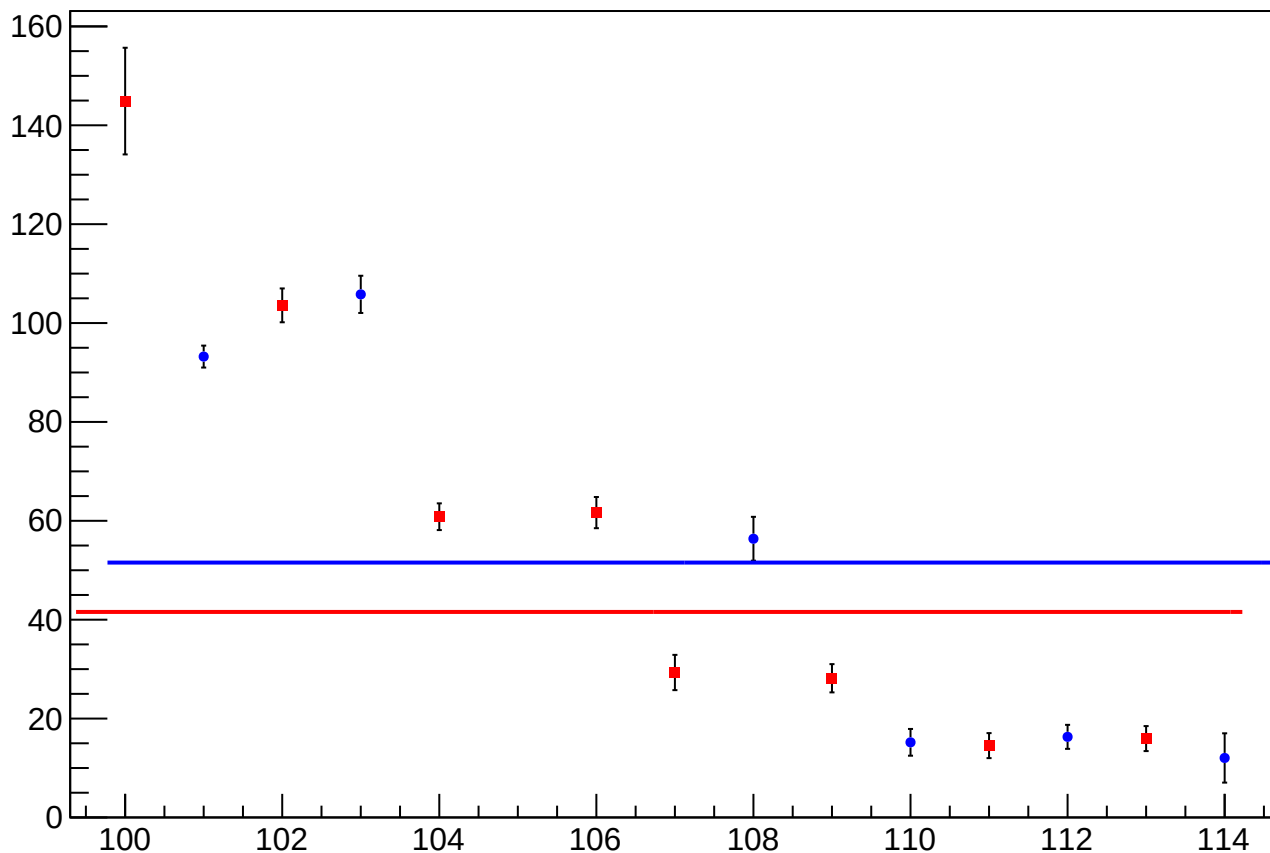
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.154+/-0.606 χ^2/NDF : 1489.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 51.553 $\pm$ 1.221 χ^2 /NDF: 1015.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.568 $\pm$ 1.088 χ^2 /NDF: 762.3/7

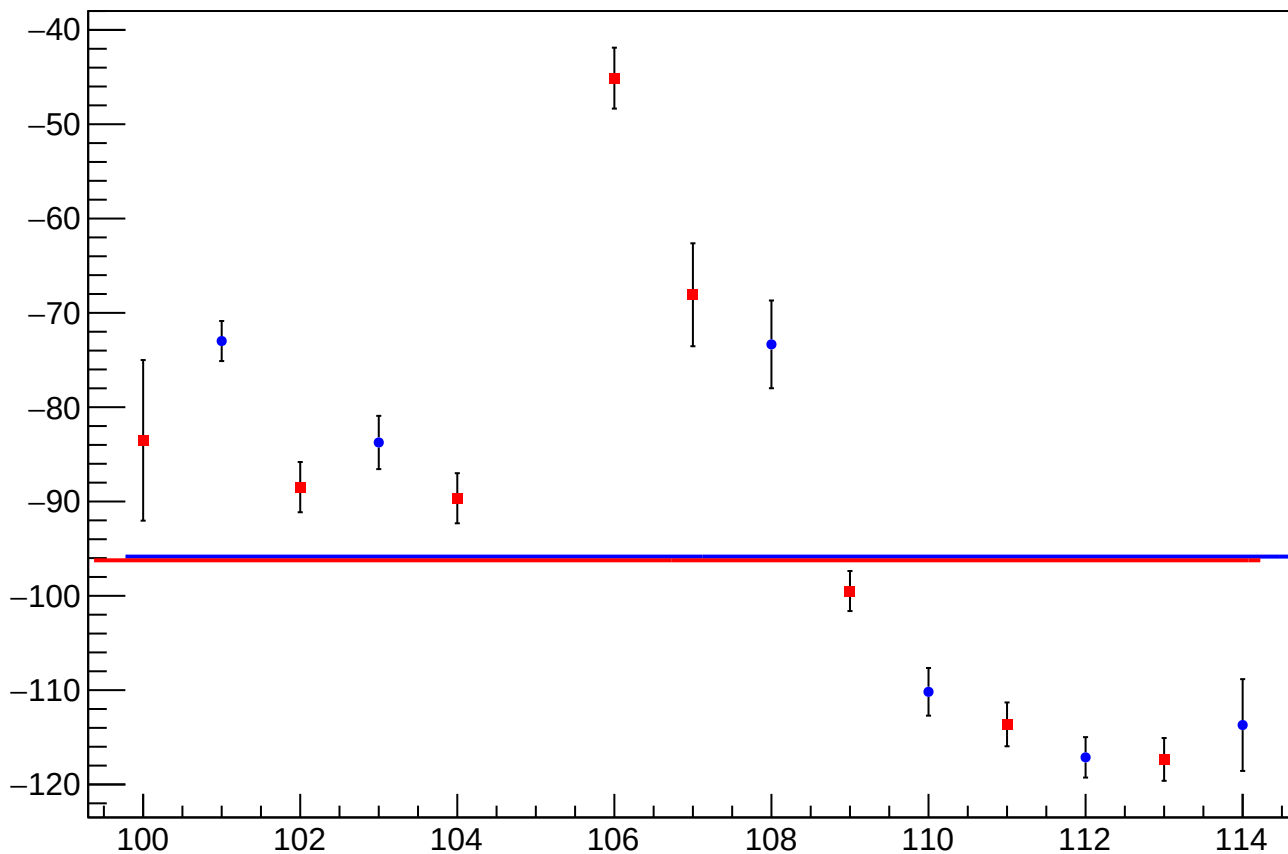
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.986 $\pm$ 0.812 χ^2 /NDF: 1814.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -95.841 $\pm$ 1.111 χ^2 /NDF: 301.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.234 $\pm$ 0.986 χ^2 /NDF: 439.1/7

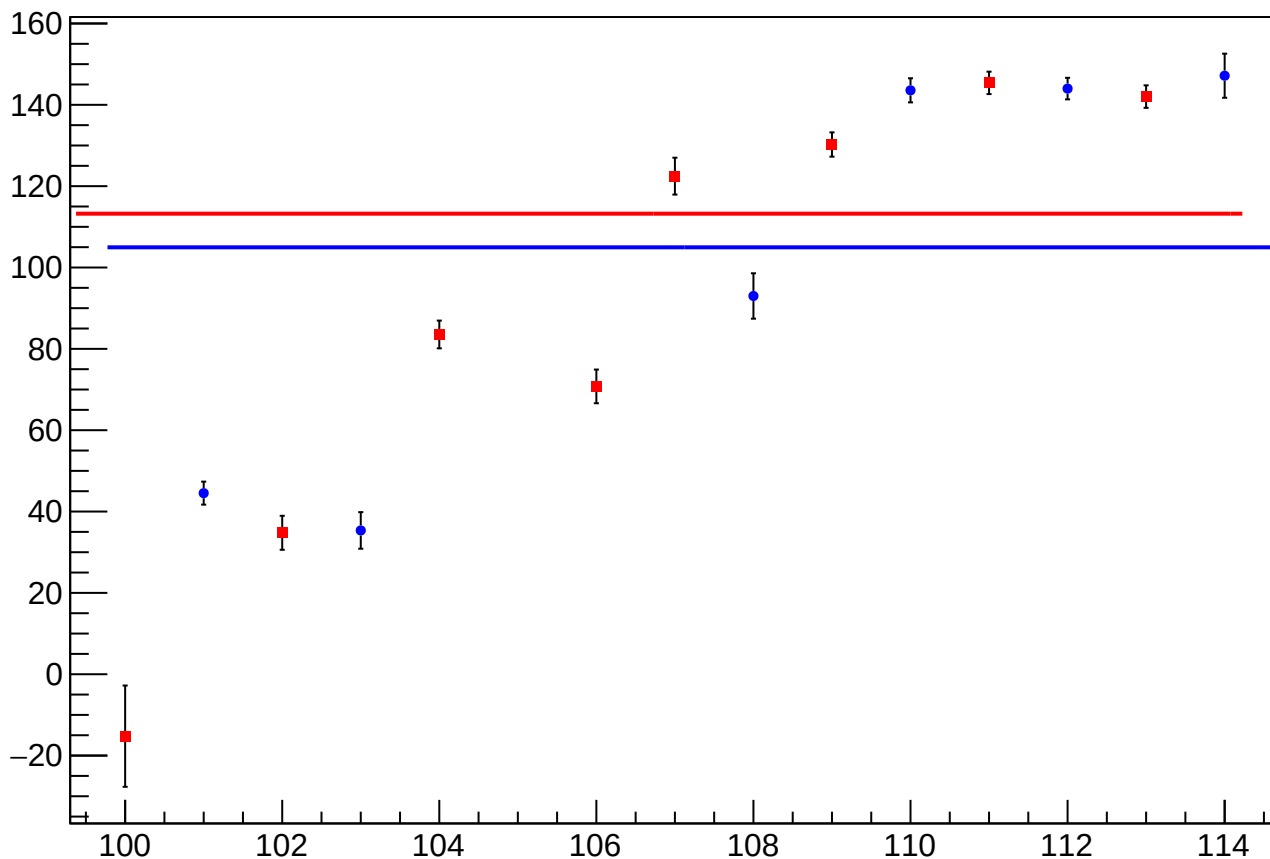
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.061 $\pm$ 0.738 χ^2 /NDF: 741.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 104.966 $\pm$ 1.419 χ^2 /NDF: 1147.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.236 $\pm$ 1.259 χ^2 /NDF: 921.5/7

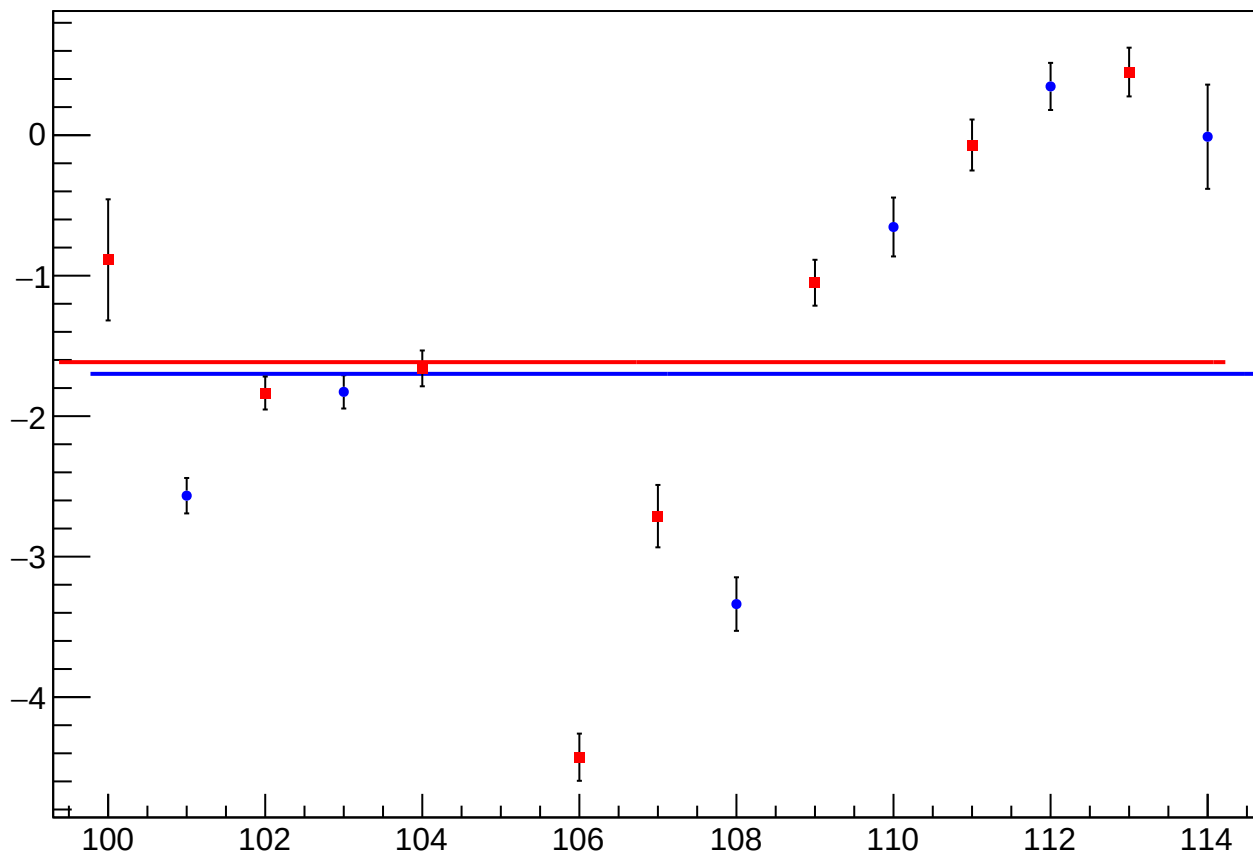
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.594 $\pm$ 0.942 χ^2 /NDF: 2088.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.699+/-0.066 χ^2/NDF : 316.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.615+/-0.058 χ^2/NDF : 537.6/7

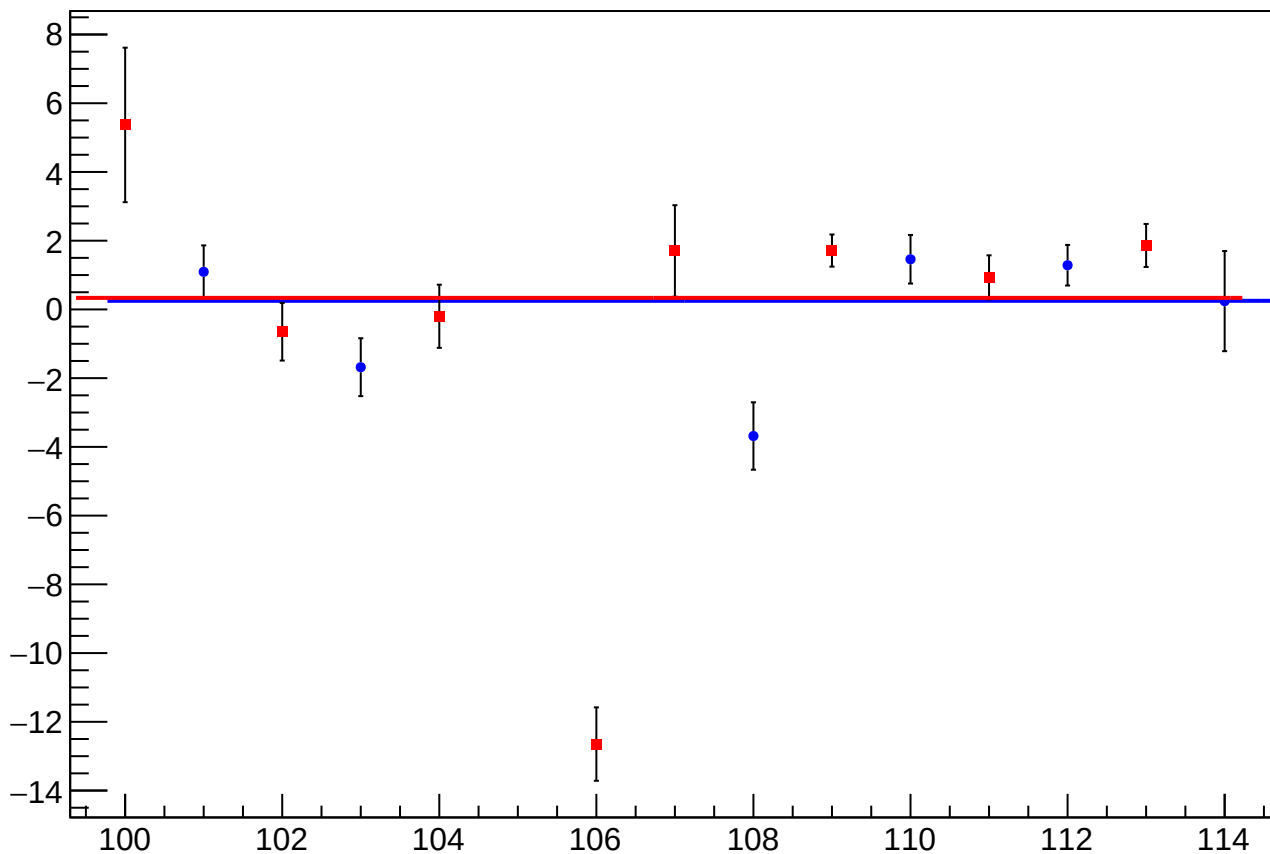
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.652+/-0.044 χ^2/NDF : 855.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.251 $\pm$ 0.325 χ^2 /NDF: 28.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.336 $\pm$ 0.269 χ^2 /NDF: 170.9/7

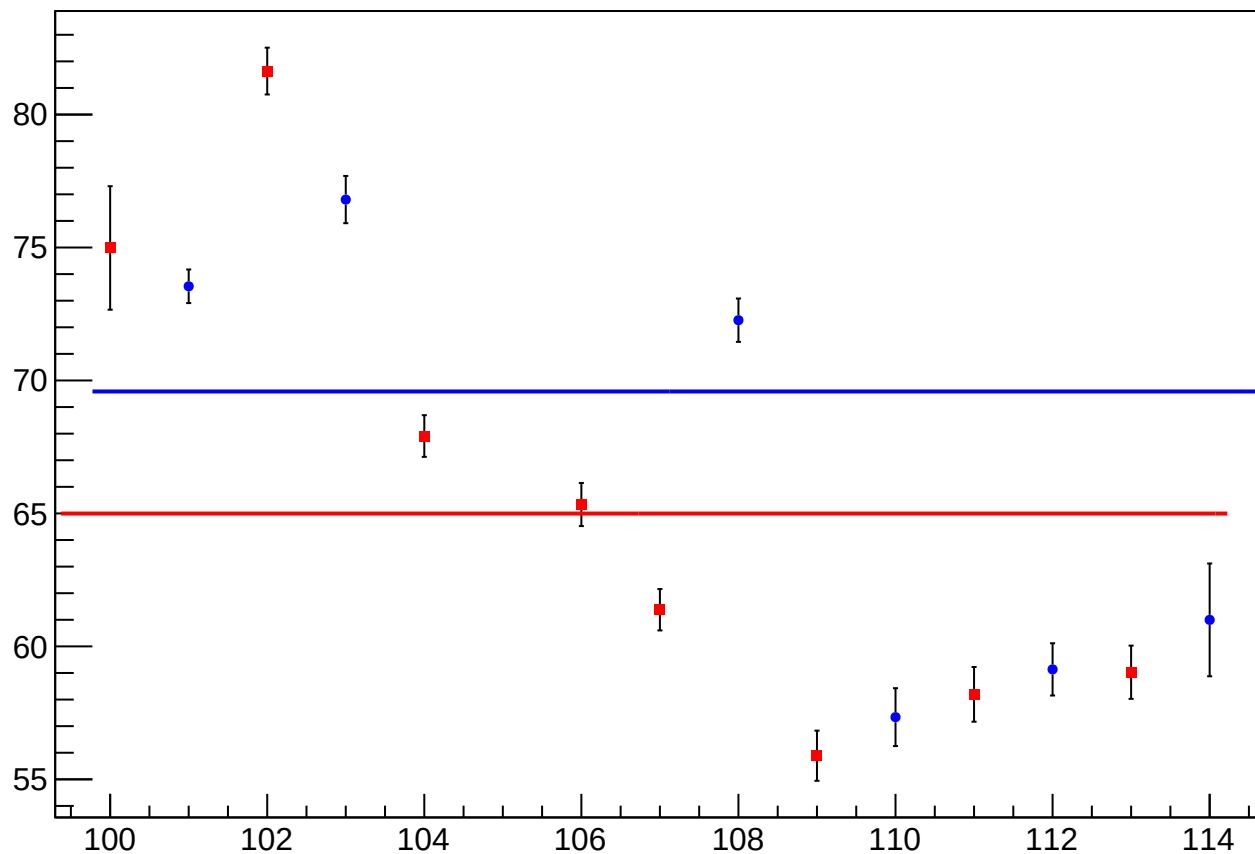
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.301 $\pm$ 0.207 χ^2 /NDF: 199.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 69.587 $\pm$ 0.368 χ^2 /NDF: 372.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.995 $\pm$ 0.327 χ^2 /NDF: 584.0/7

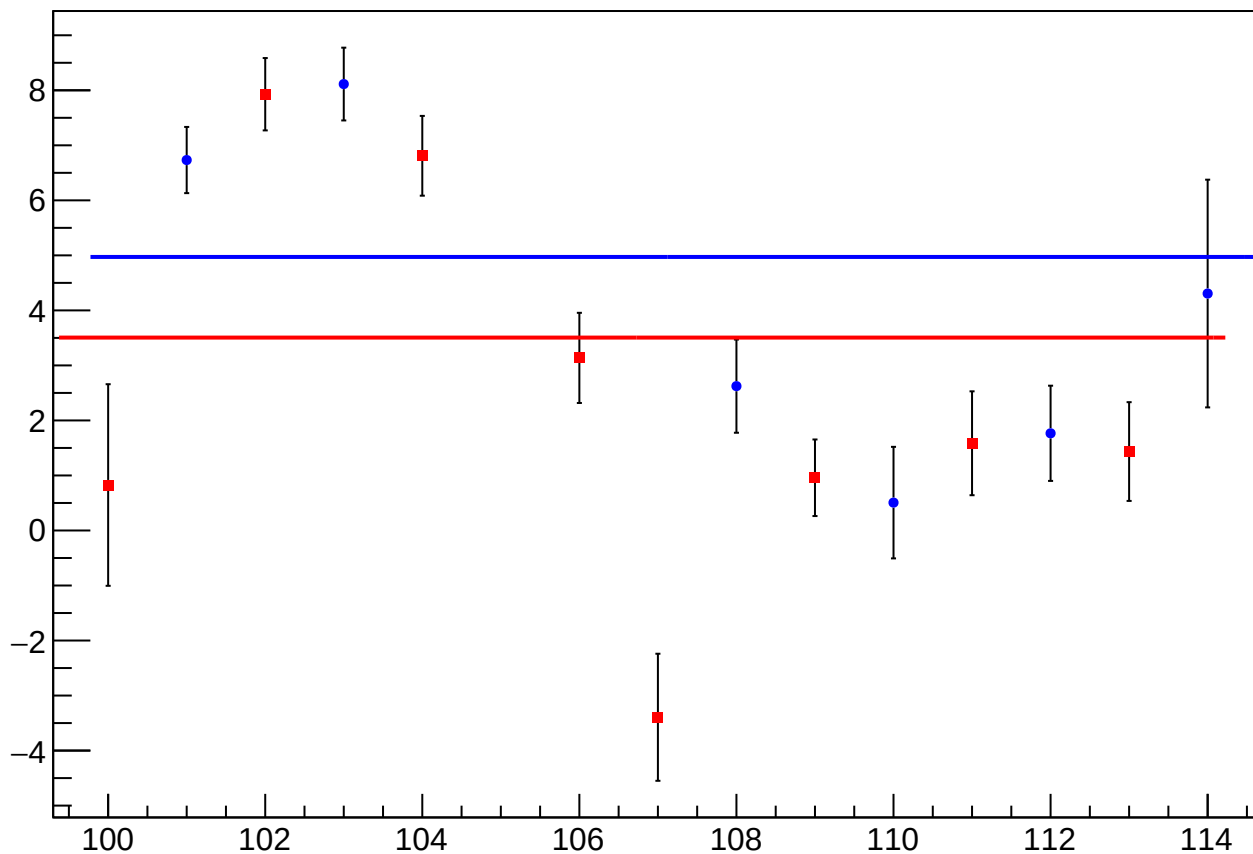
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.020 $\pm$ 0.245 χ^2 /NDF: 1043.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 4.971 $\pm$ 0.334 χ^2 /NDF: 72.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.506 $\pm$ 0.299 χ^2 /NDF: 127.0/7

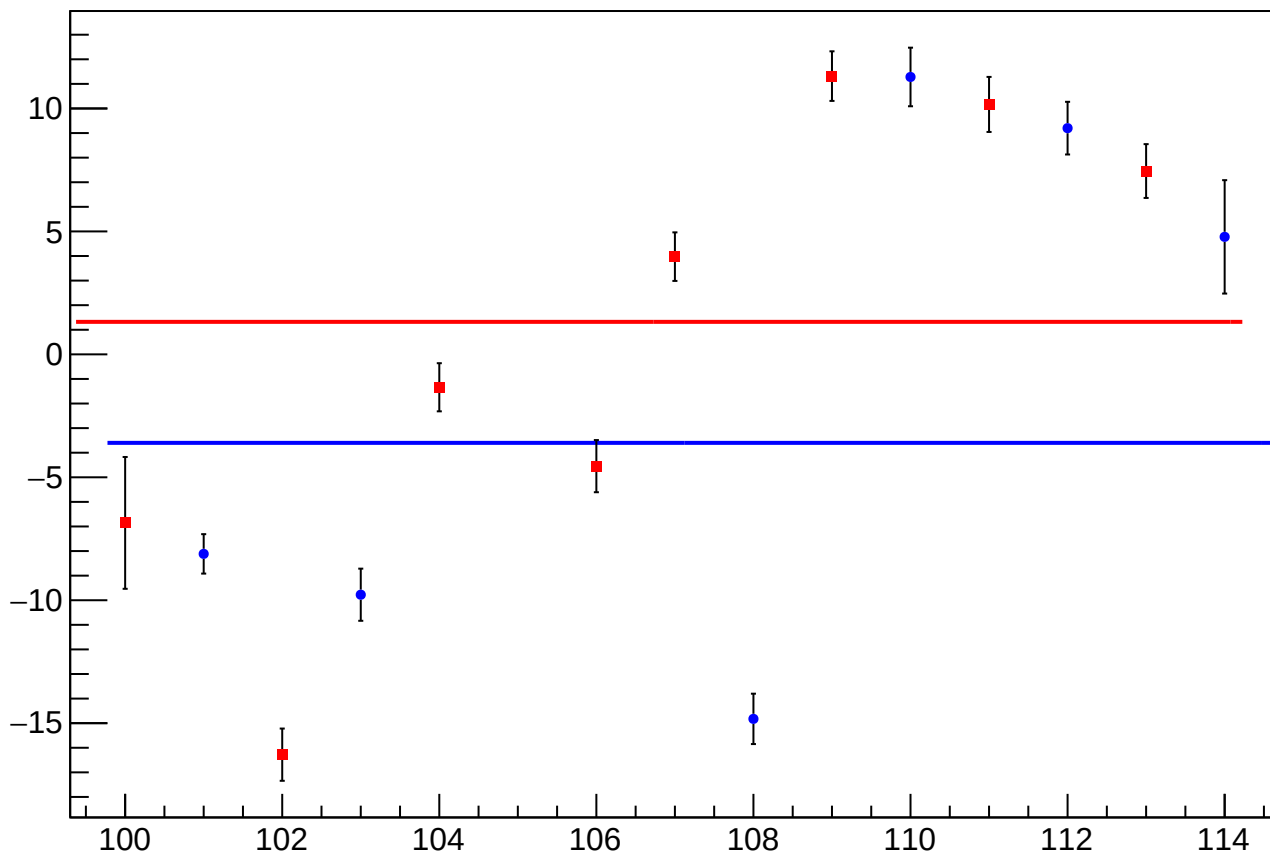
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.159 $\pm$ 0.223 χ^2 /NDF: 209.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: -3.599+/-0.440 χ^2/NDF : 497.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.322+/-0.389 χ^2/NDF : 521.0/7

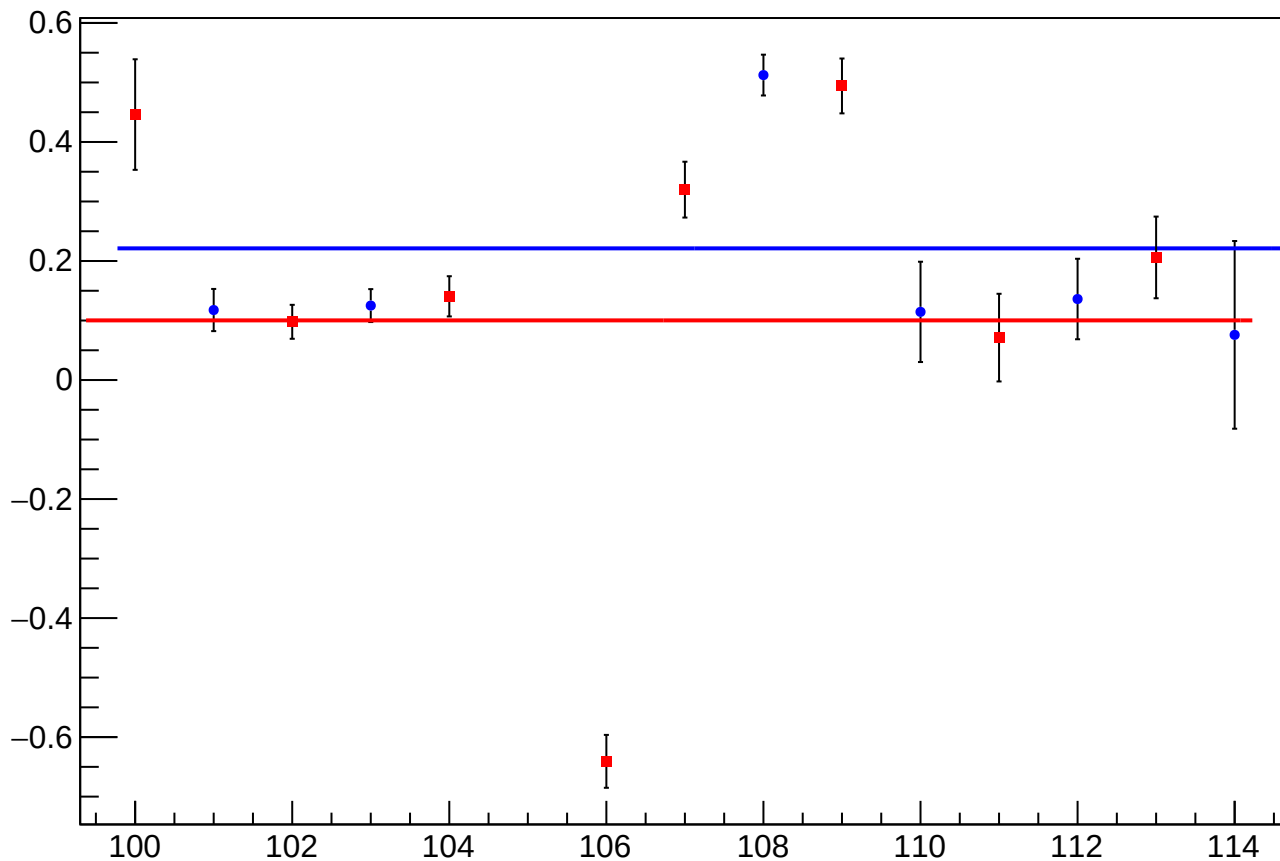
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.838+/-0.292 χ^2/NDF : 1088.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.221 $\pm$ 0.017 χ^2 /NDF: 96.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.100 $\pm$ 0.016 χ^2 /NDF: 390.7/7

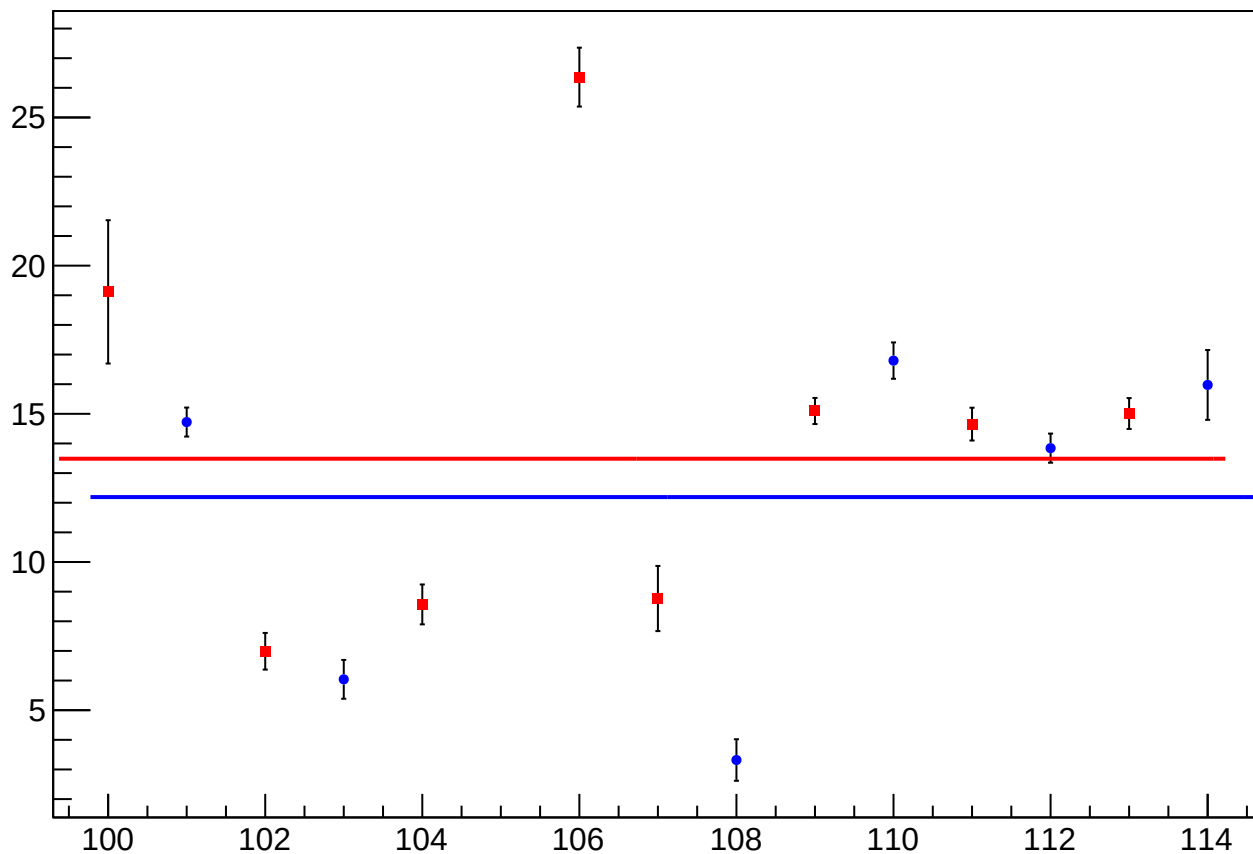
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.155 $\pm$ 0.012 χ^2 /NDF: 514.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.191 $\pm$ 0.250 χ^2 /NDF: 352.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.485 $\pm$ 0.230 χ^2 /NDF: 381.7/7

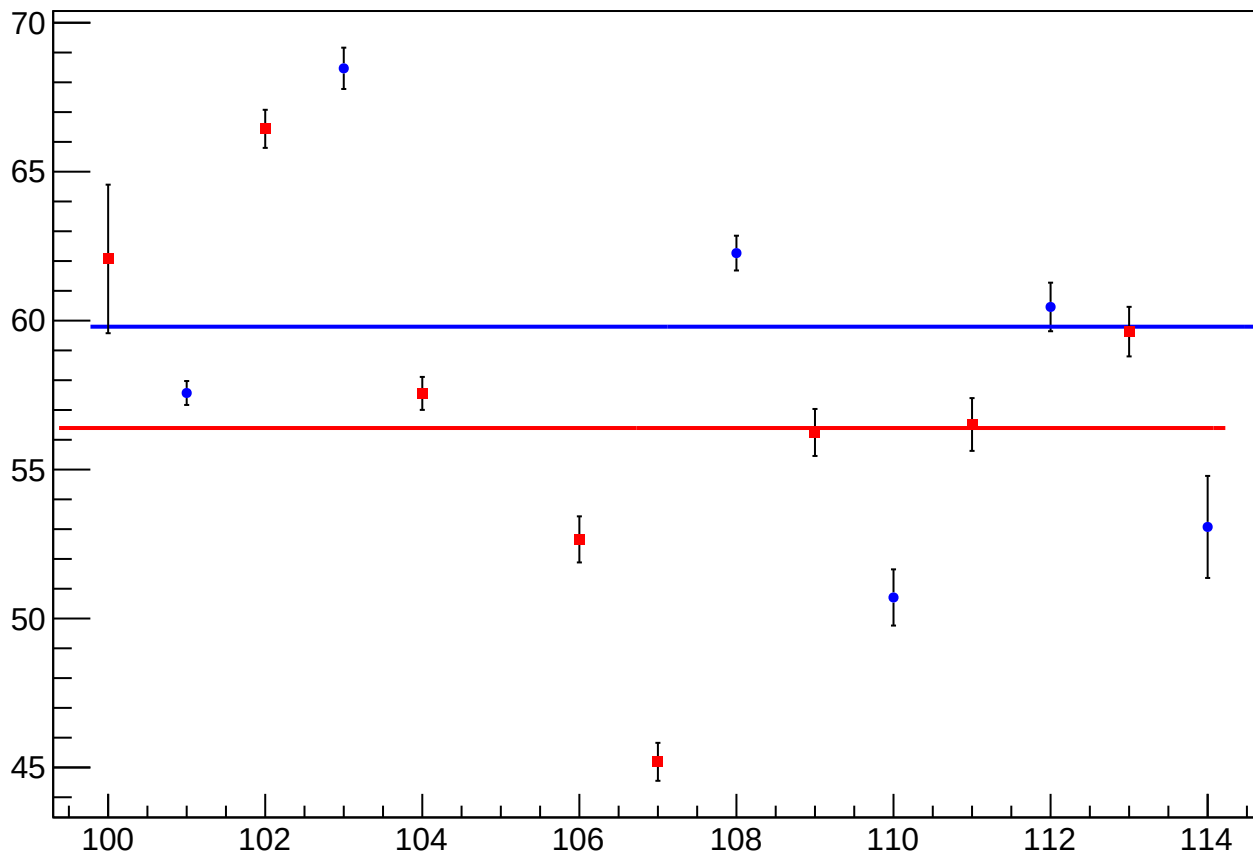
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.891 $\pm$ 0.169 χ^2 /NDF: 749.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 59.797 $\pm$ 0.266 χ^2 /NDF: 314.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.395 $\pm$ 0.264 χ^2 /NDF: 604.6/7

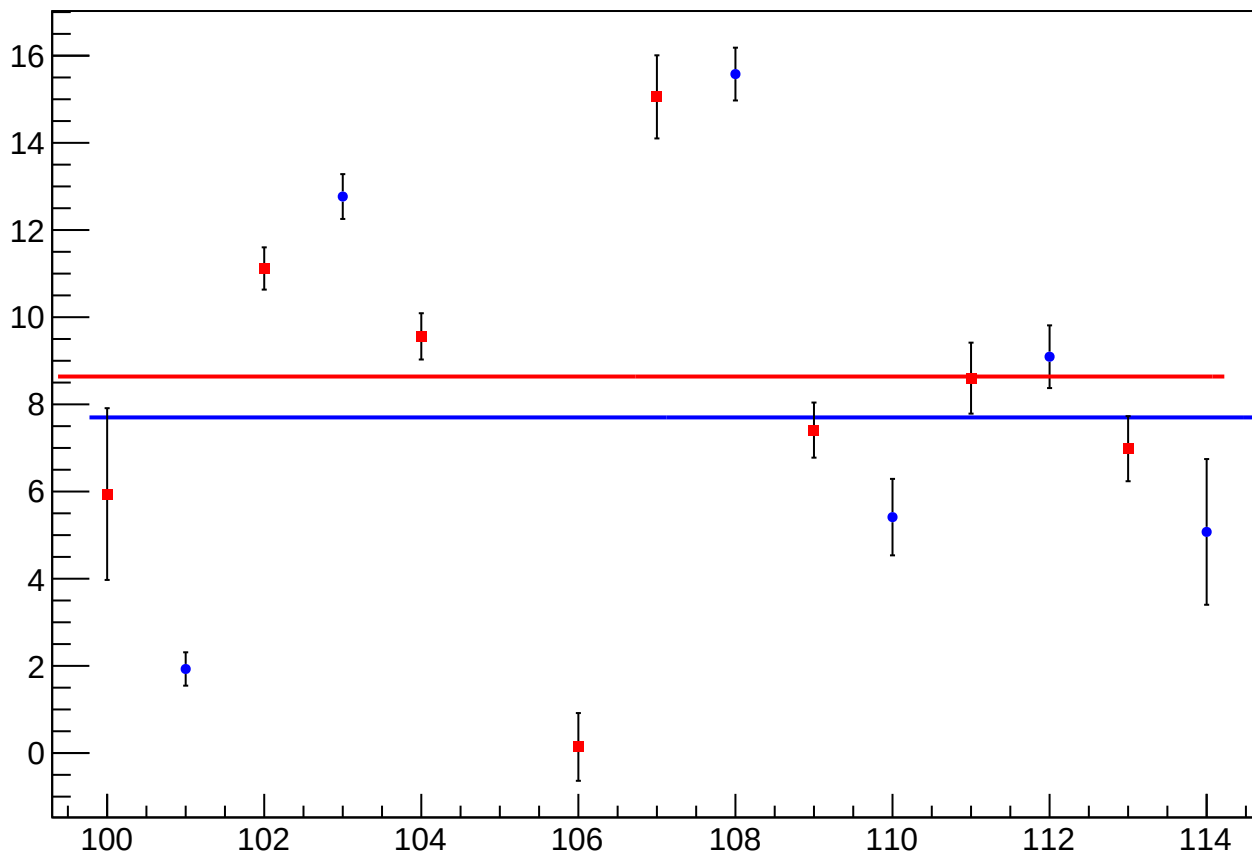
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.086 $\pm$ 0.187 χ^2 /NDF: 1001.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 7.701 $\pm$ 0.243 χ^2 /NDF: 506.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.639 $\pm$ 0.245 χ^2 /NDF: 204.6/7

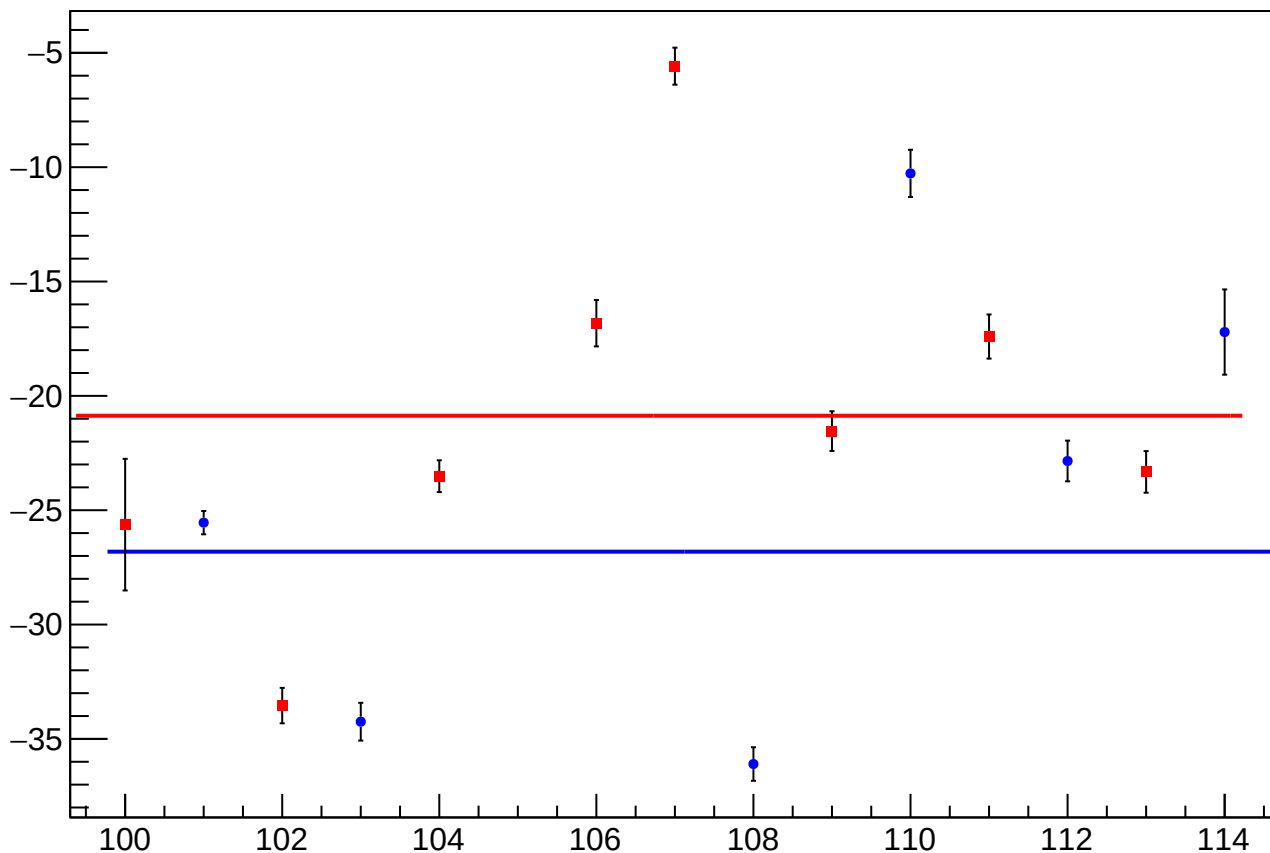
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.165 $\pm$ 0.173 χ^2 /NDF: 718.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -26.813 $\pm$ 0.322 χ^2 /NDF: 550.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.869 $\pm$ 0.317 χ^2 /NDF: 678.7/7

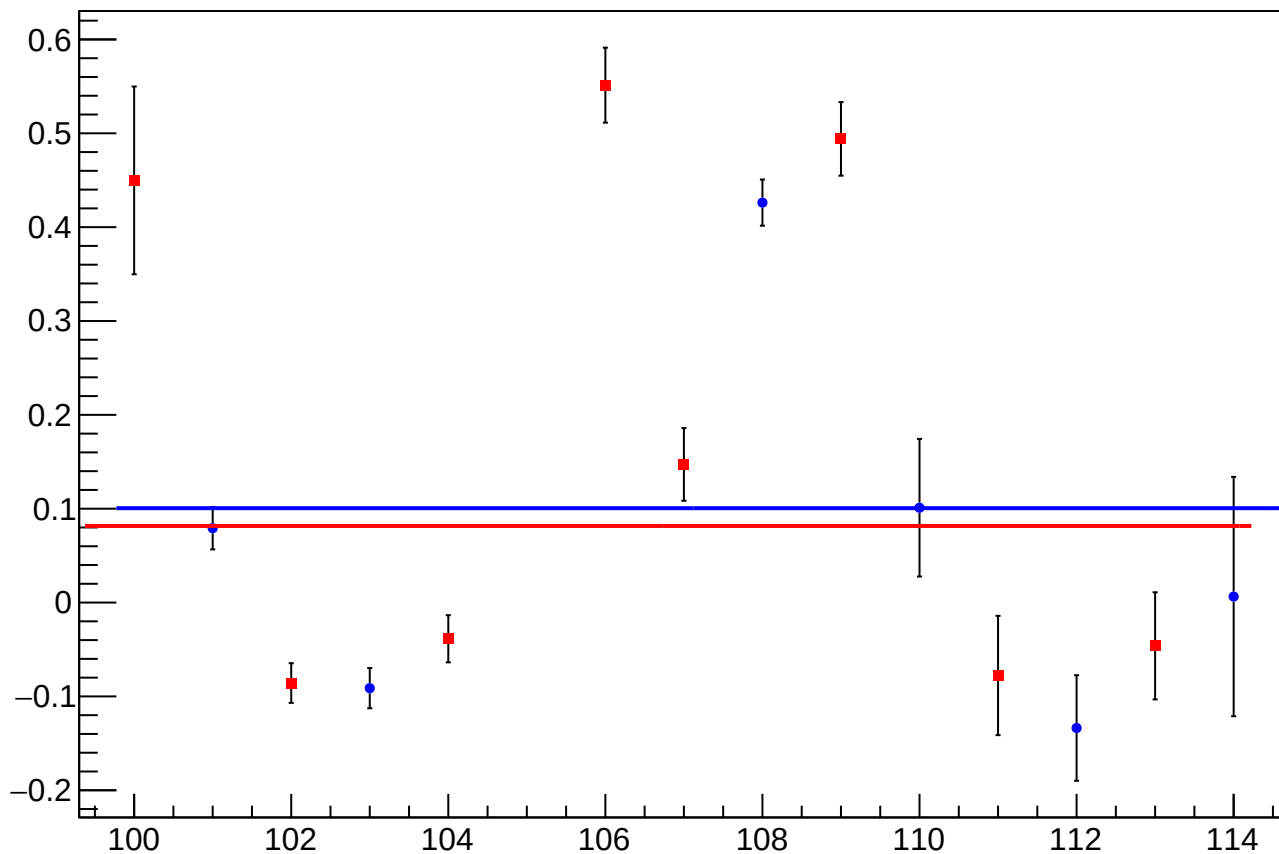
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.795 $\pm$ 0.226 χ^2 /NDF: 1402.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.101 $\pm$ 0.013 χ^2 /NDF: 273.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.082 $\pm$ 0.012 χ^2 /NDF: 362.2/7

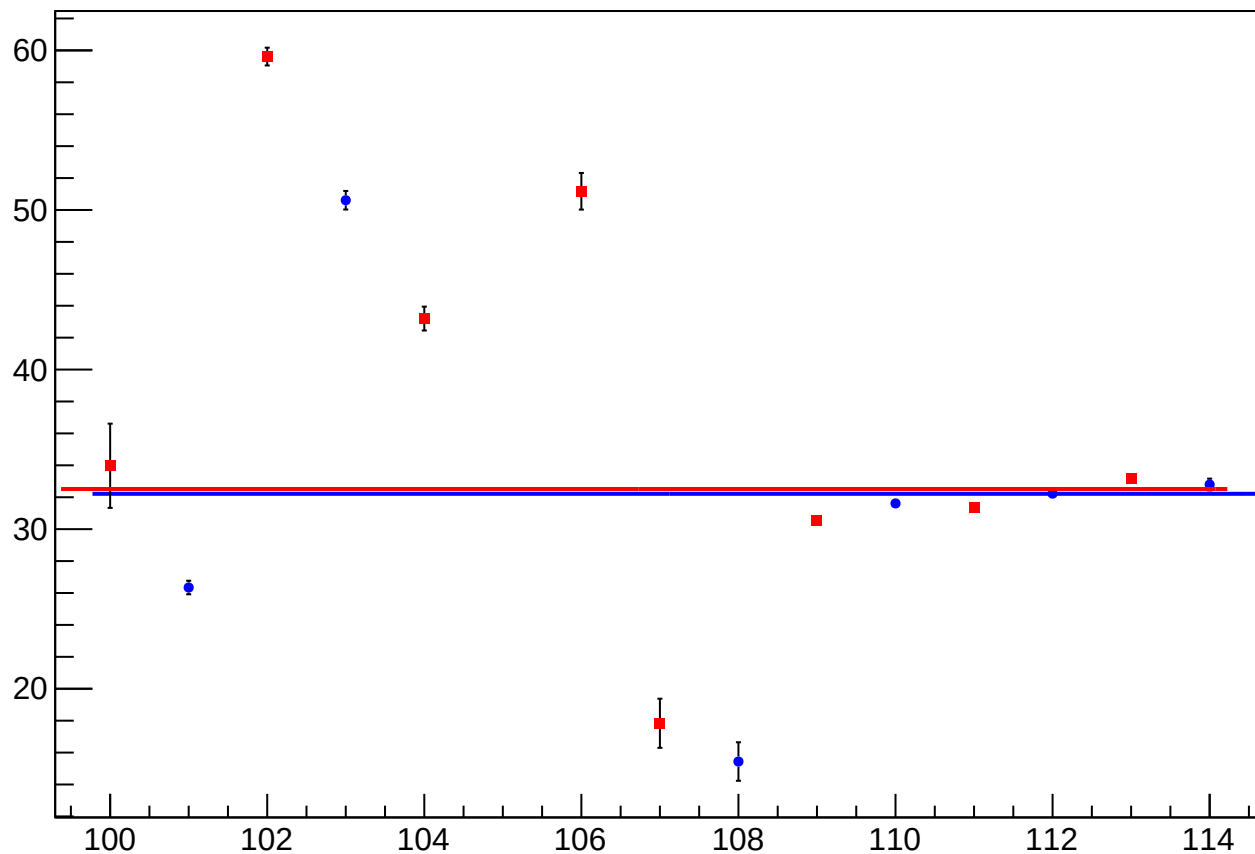
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.091 $\pm$ 0.009 χ^2 /NDF: 637.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 32.216+/-0.112 χ^2/NDF : 1393.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.517+/-0.091 χ^2/NDF : 3169.4/7

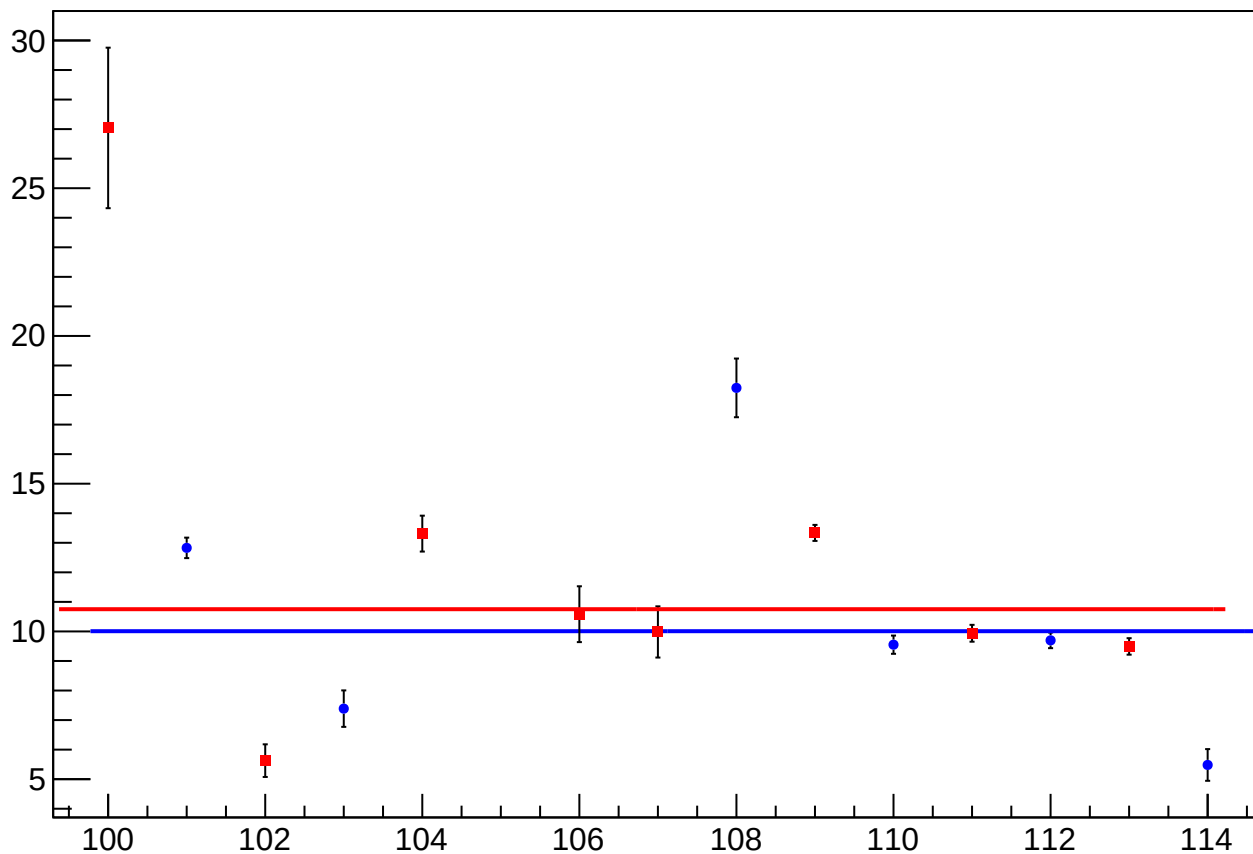
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.397+/-0.070 χ^2/NDF : 4567.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.008 $\pm$ 0.158 χ^2 /NDF: 227.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.753 $\pm$ 0.145 χ^2 /NDF: 259.7/7

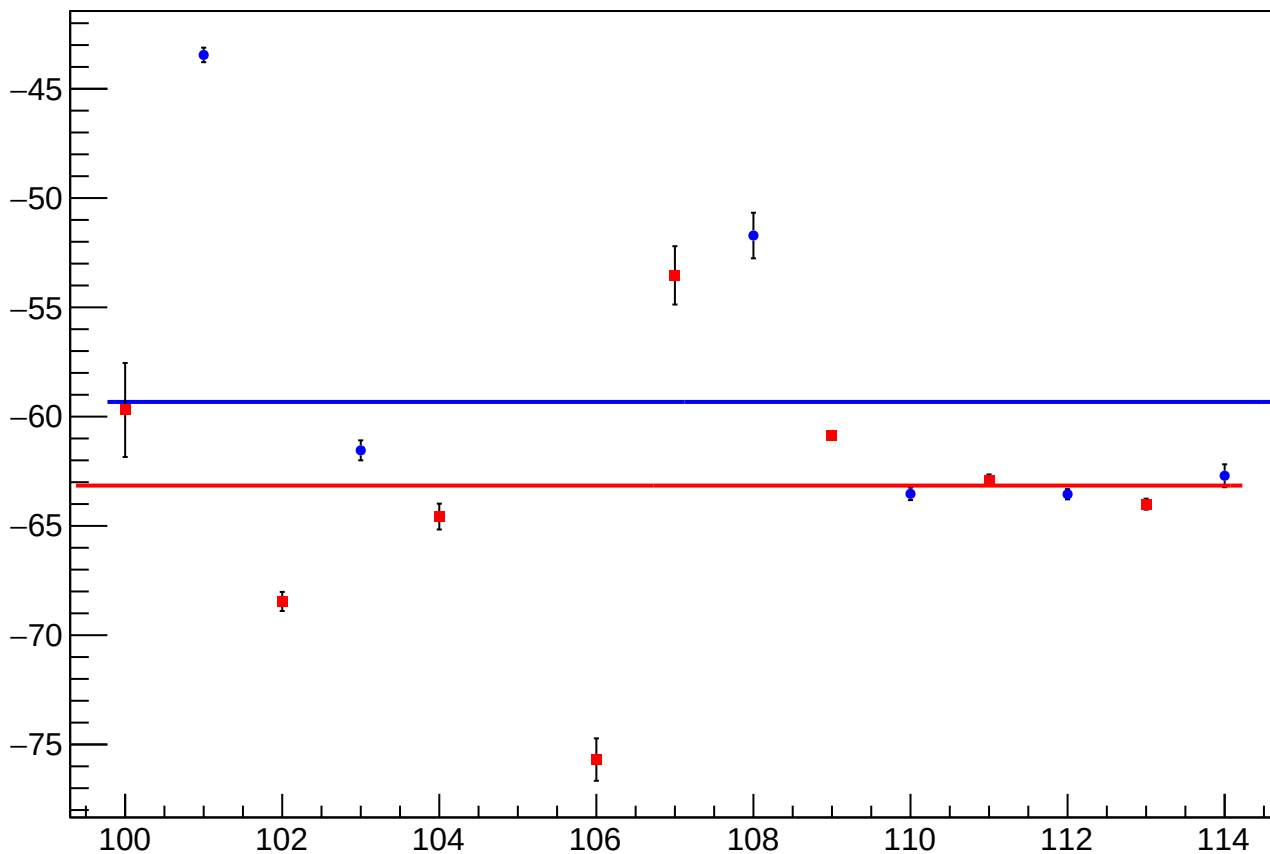
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.410 $\pm$ 0.107 χ^2 /NDF: 499.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -59.328 $\pm$ 0.143 χ^2 /NDF: 2935.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.155 $\pm$ 0.127 χ^2 /NDF: 499.8/7

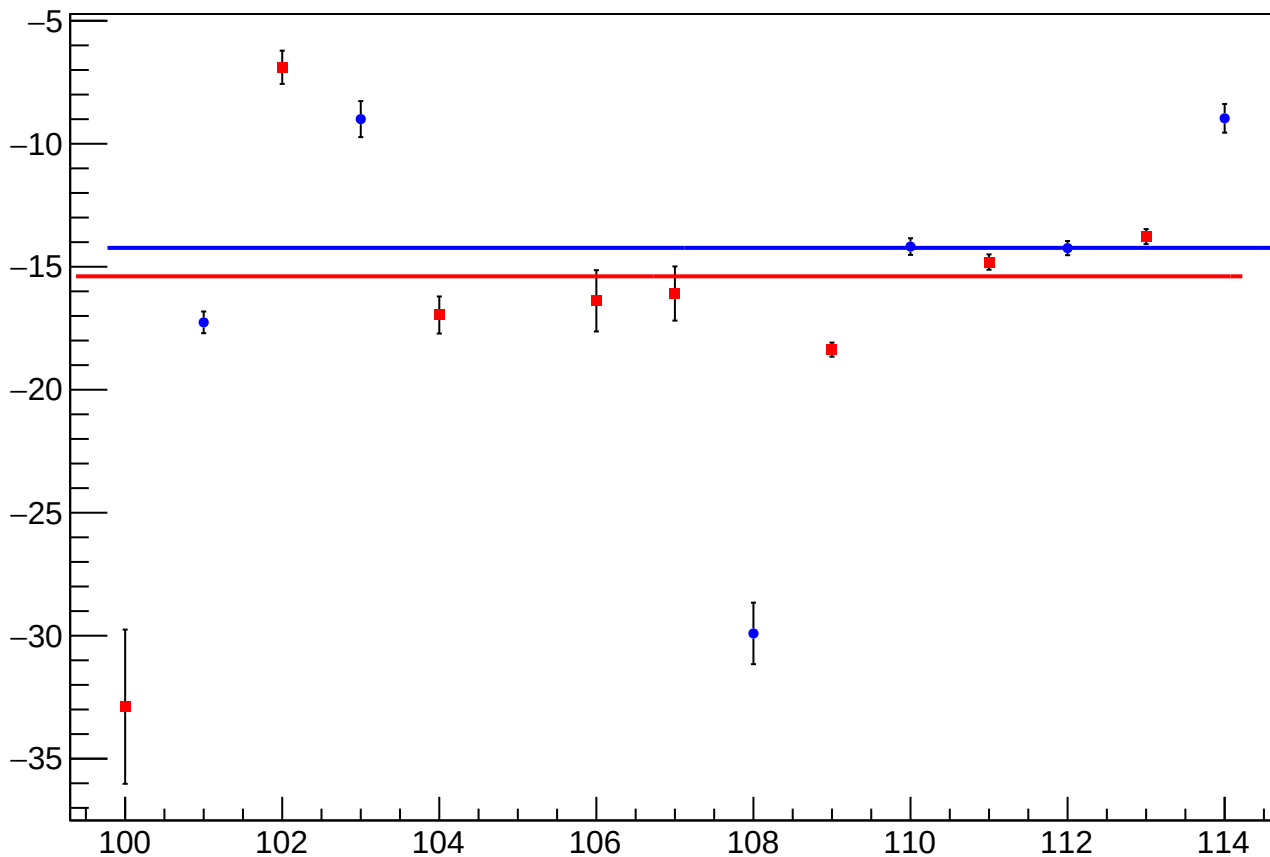
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.467 $\pm$ 0.095 χ^2 /NDF: 3834.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -14.233 ± 0.179 χ^2/NDF : 336.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.390 ± 0.161 χ^2/NDF : 333.7/7

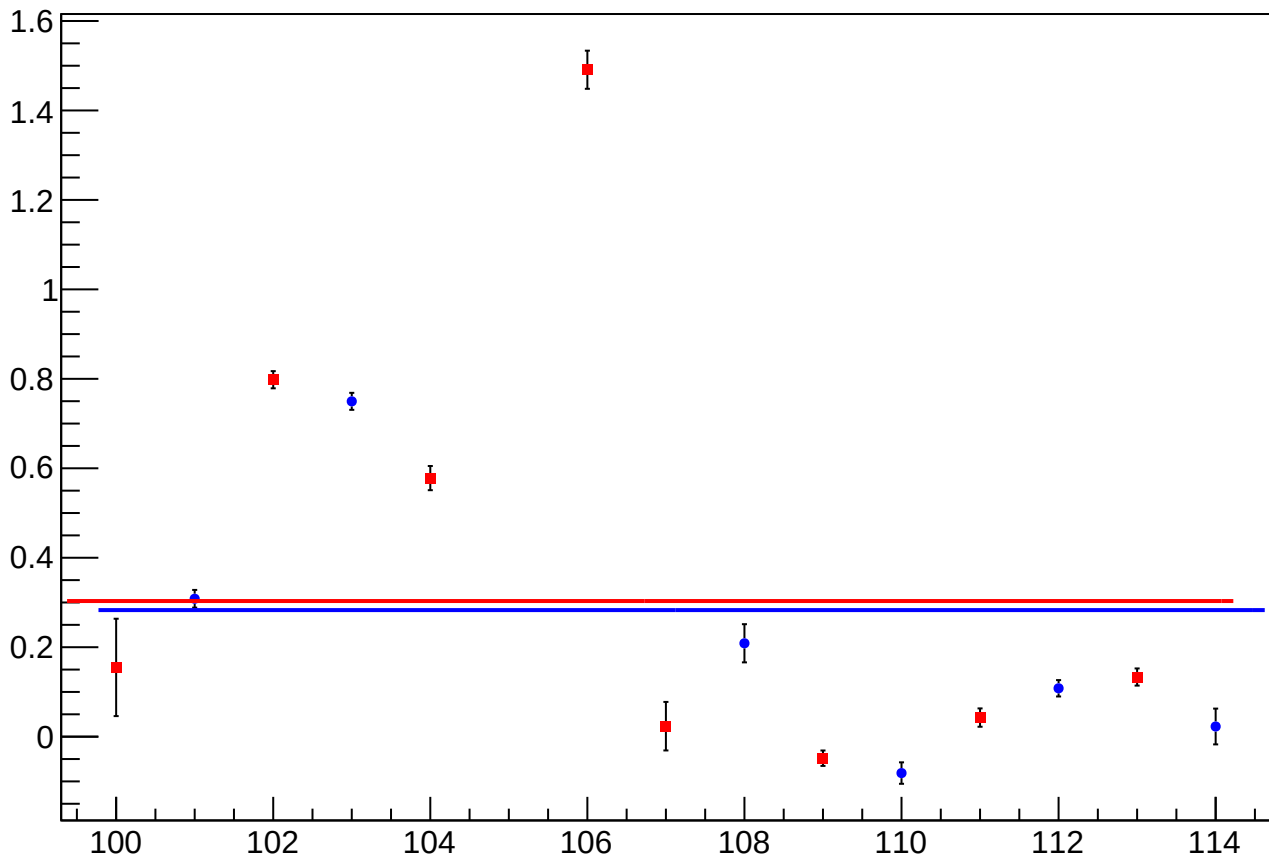
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.873 ± 0.120 χ^2/NDF : 693.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.283+/-0.009 χ^2/NDF : 972.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.303+/-0.009 χ^2/NDF : 2228.9/7

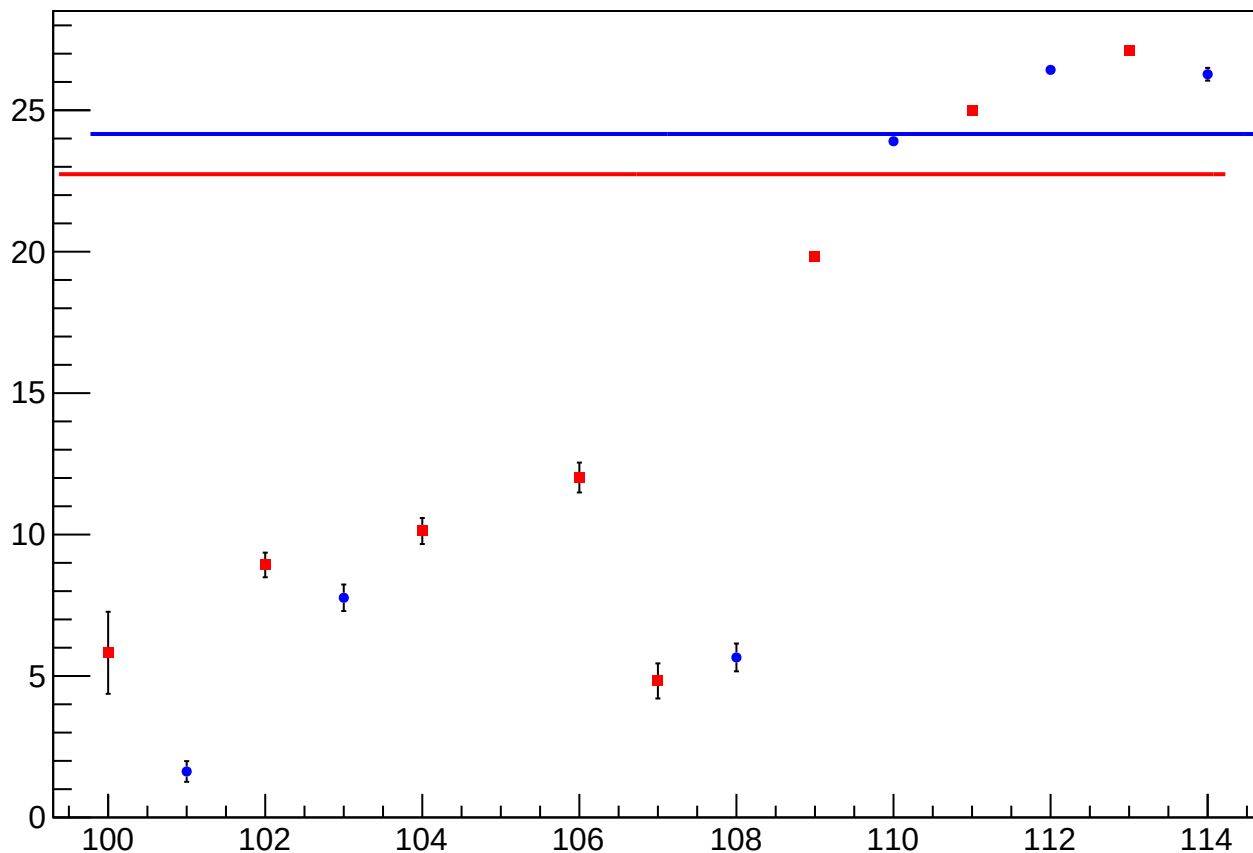
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.294+/-0.006 χ^2/NDF : 3203.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 24.160 $\pm$ 0.062 χ^2 /NDF: 7214.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.739 $\pm$ 0.049 χ^2 /NDF: 7147.4/7

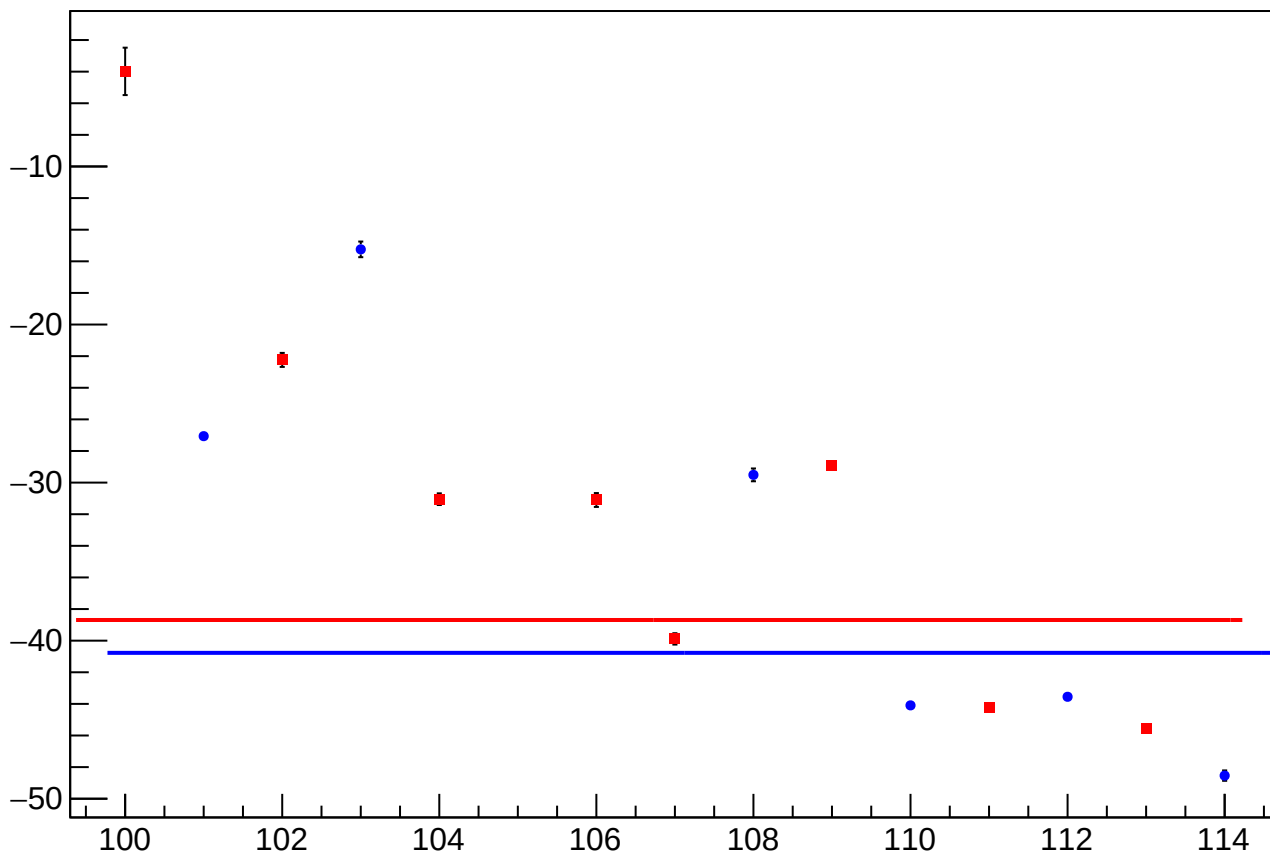
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.284 $\pm$ 0.039 χ^2 /NDF: 14681.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -40.771 ± 0.093 χ^2/NDF : 6895.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.692 ± 0.082 χ^2/NDF : 9398.6/7

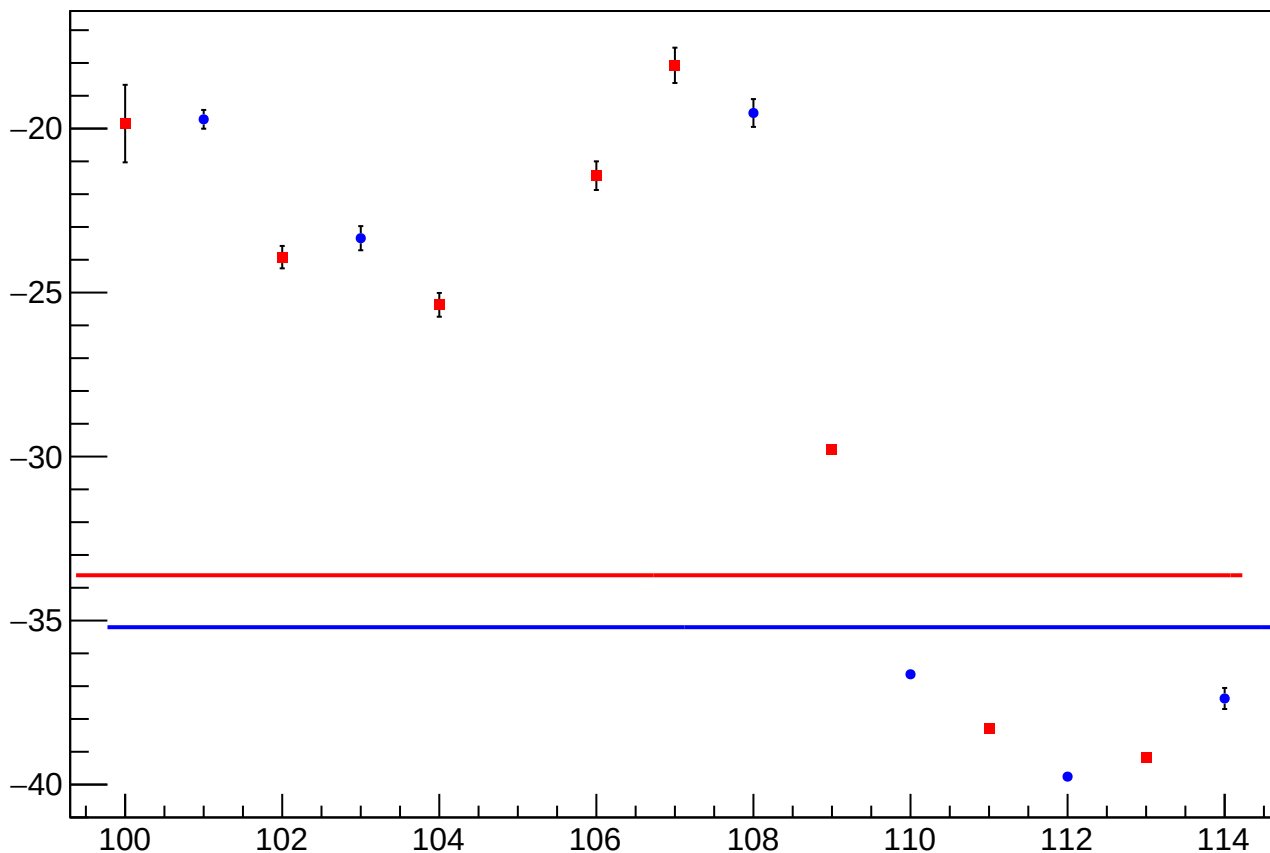
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.599 ± 0.061 χ^2/NDF : 16576.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -35.202 $\pm$ 0.085 χ^2 /NDF: 6752.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.619 $\pm$ 0.070 χ^2 /NDF: 6885.1/7

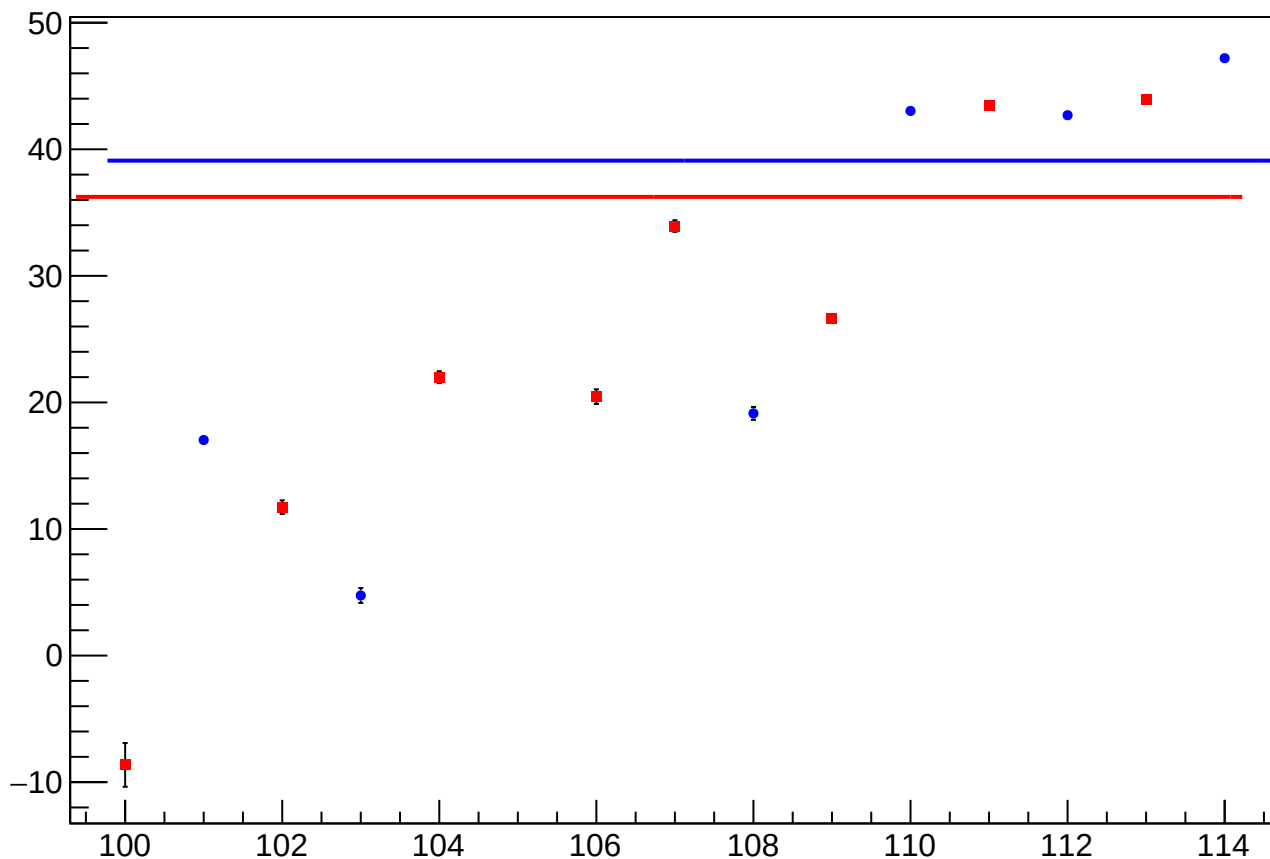
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.265 $\pm$ 0.054 χ^2 /NDF: 13844.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 39.105 $\pm$ 0.104 χ^2 /NDF: 9829.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.241 $\pm$ 0.090 χ^2 /NDF: 11619.7/7

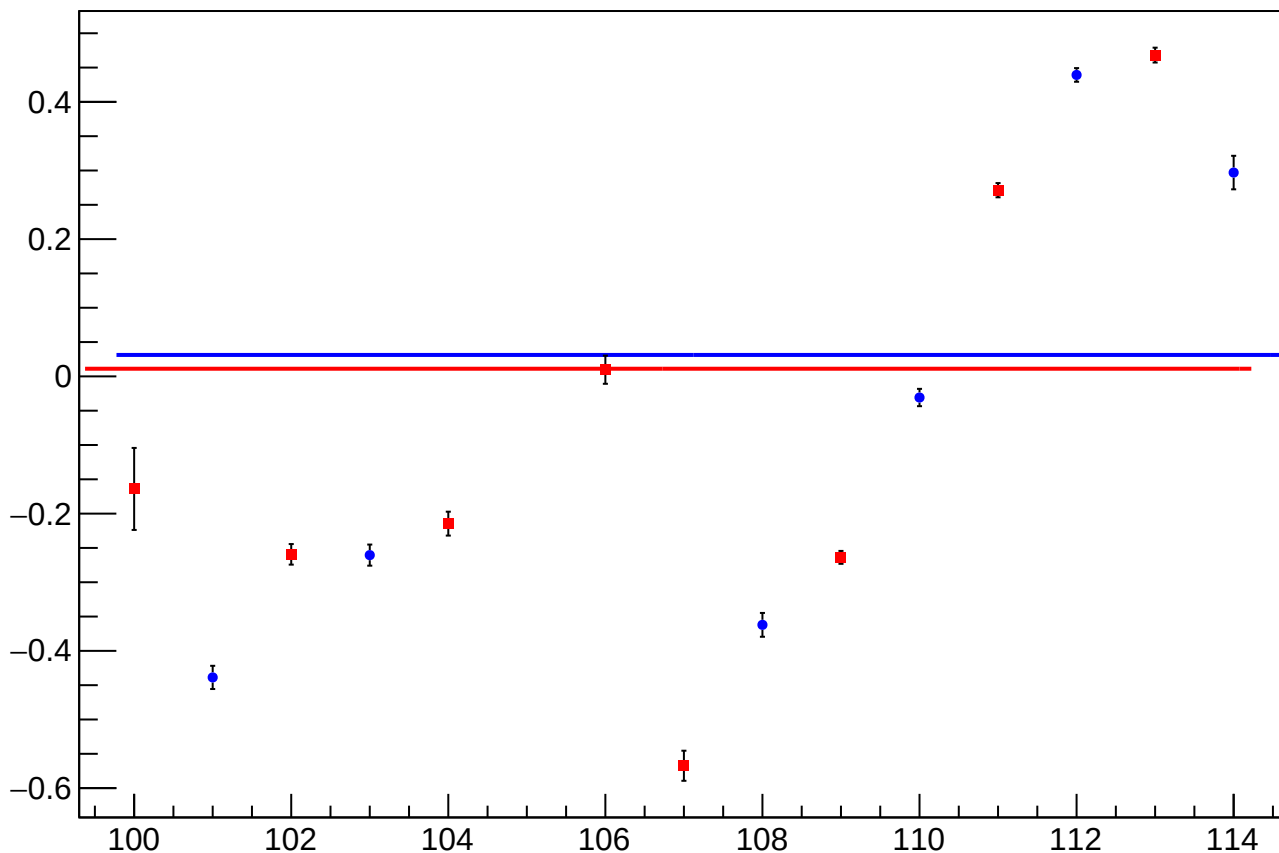
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.468 $\pm$ 0.068 χ^2 /NDF: 21883.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: 0.031+/-0.006 χ^2/NDF : 3469.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.005 χ^2/NDF : 4466.8/7

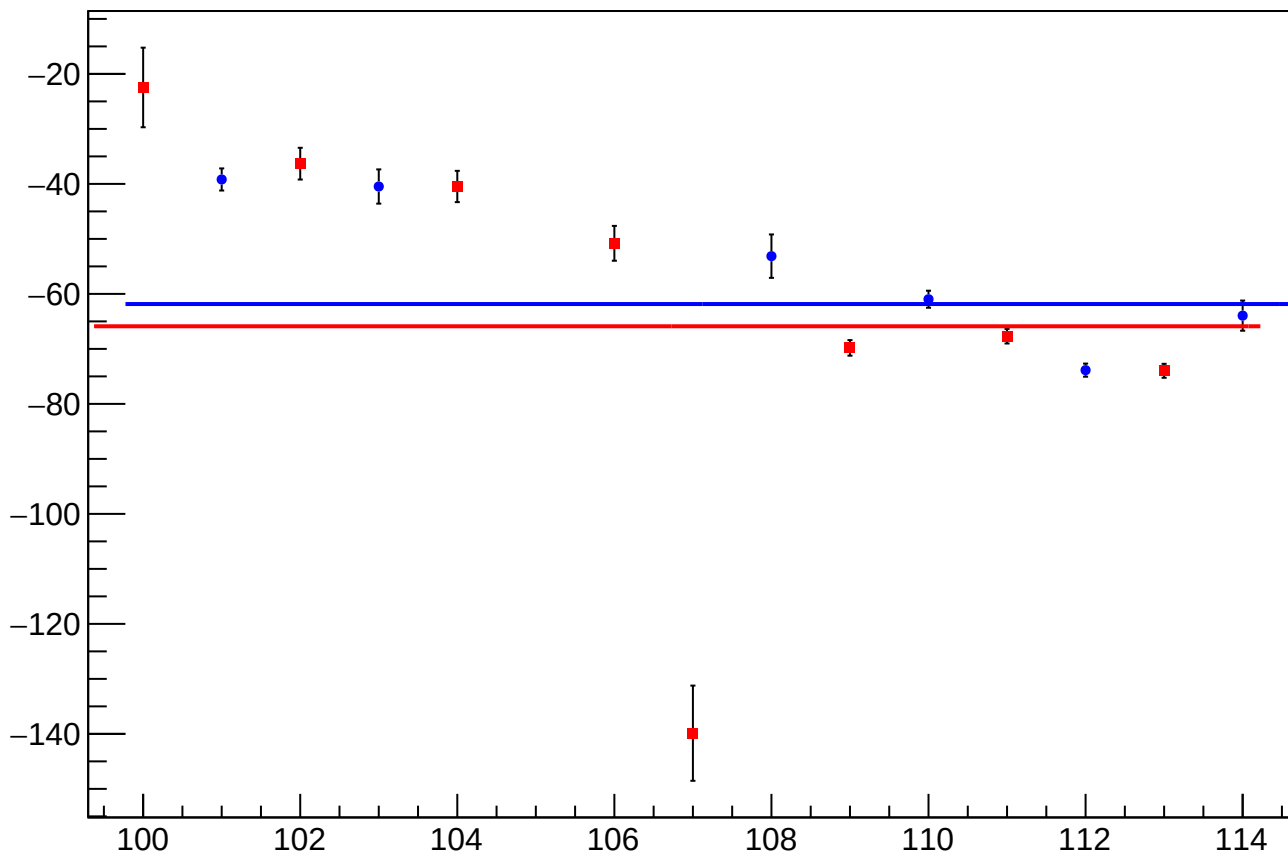
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.004 χ^2/NDF : 7943.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -61.844 ± 0.774 χ^2/NDF : 281.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -65.888 ± 0.695 χ^2/NDF : 366.7/7

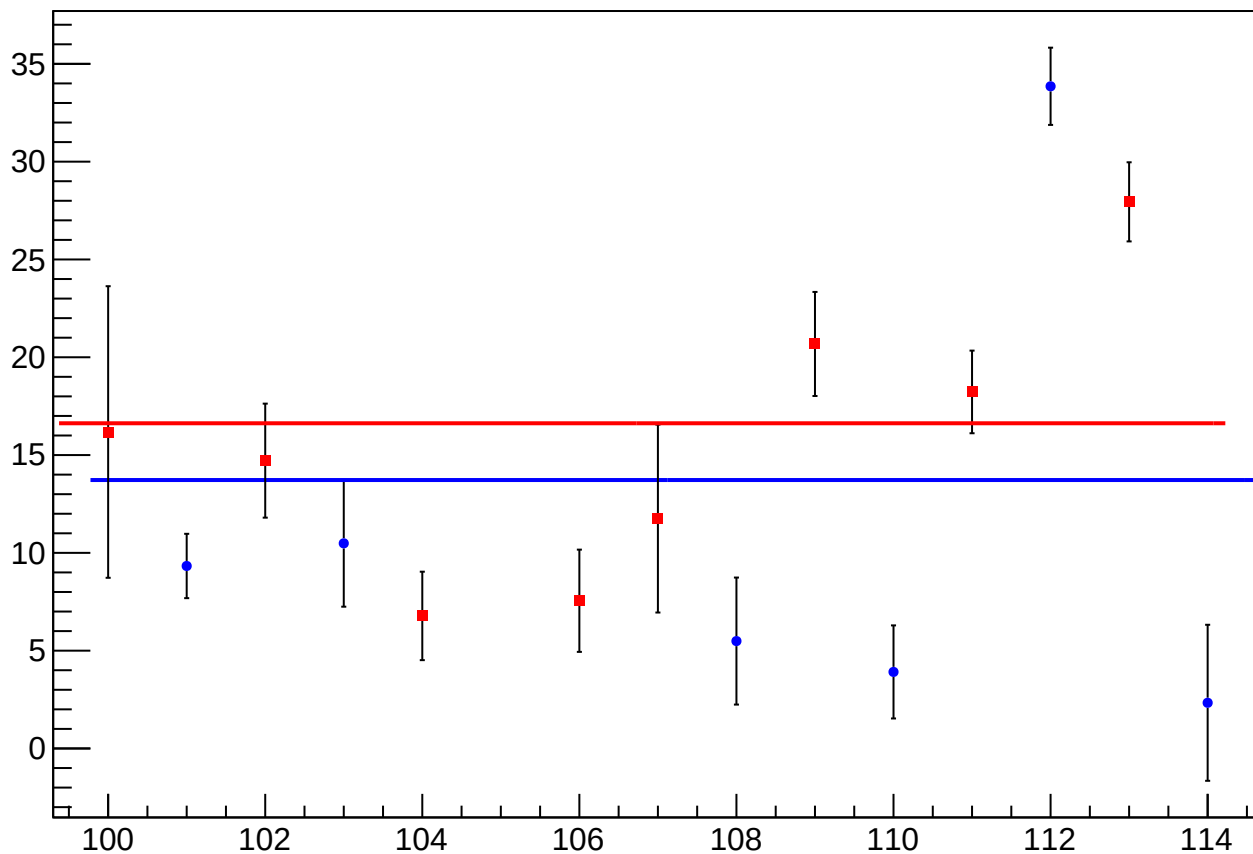
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.084 ± 0.517 χ^2/NDF : 663.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 13.723 $\pm$ 0.973 χ^2 /NDF: 143.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.625 $\pm$ 0.940 χ^2 /NDF: 66.7/7

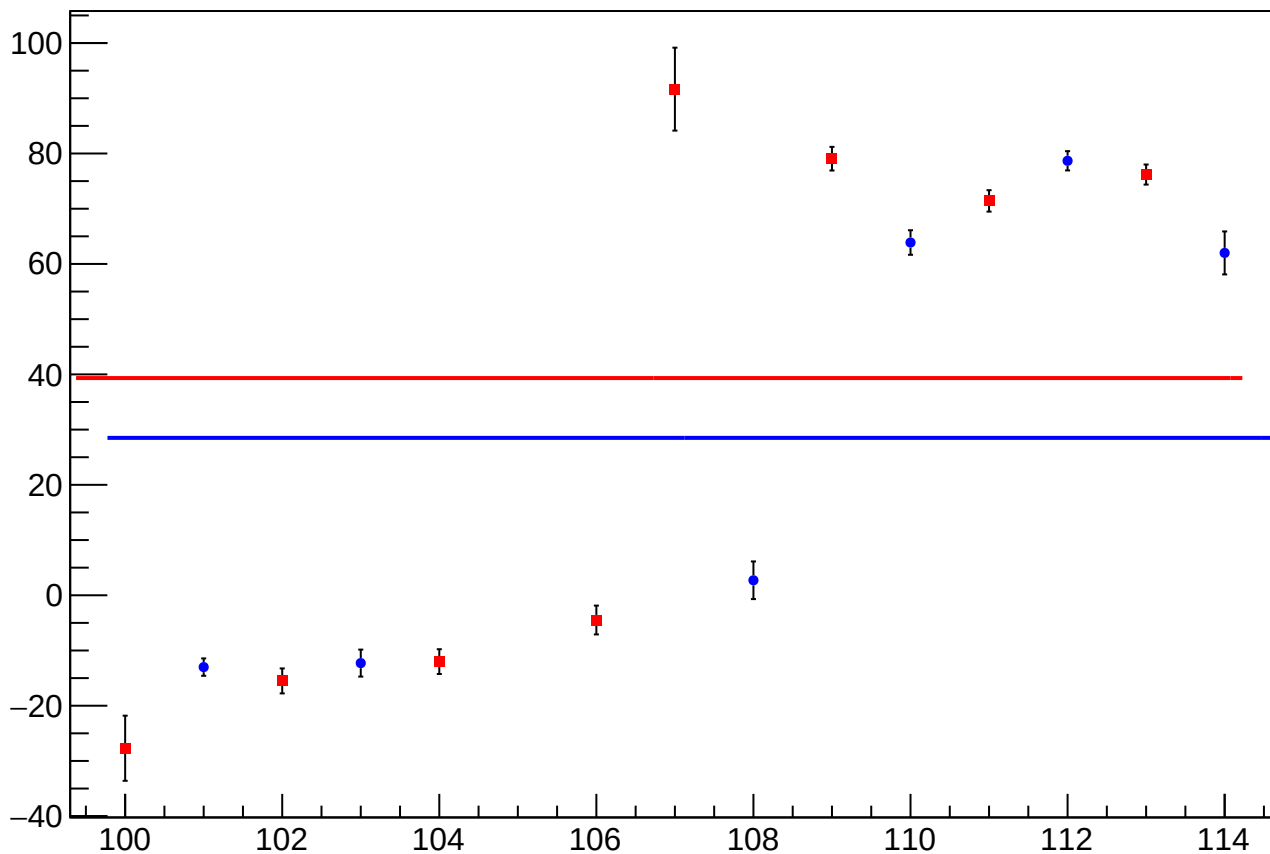
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.224 $\pm$ 0.676 χ^2 /NDF: 215.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 28.504 $\pm$ 0.893 χ^2 /NDF: 2185.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.335 $\pm$ 0.853 χ^2 /NDF: 2600.0/7

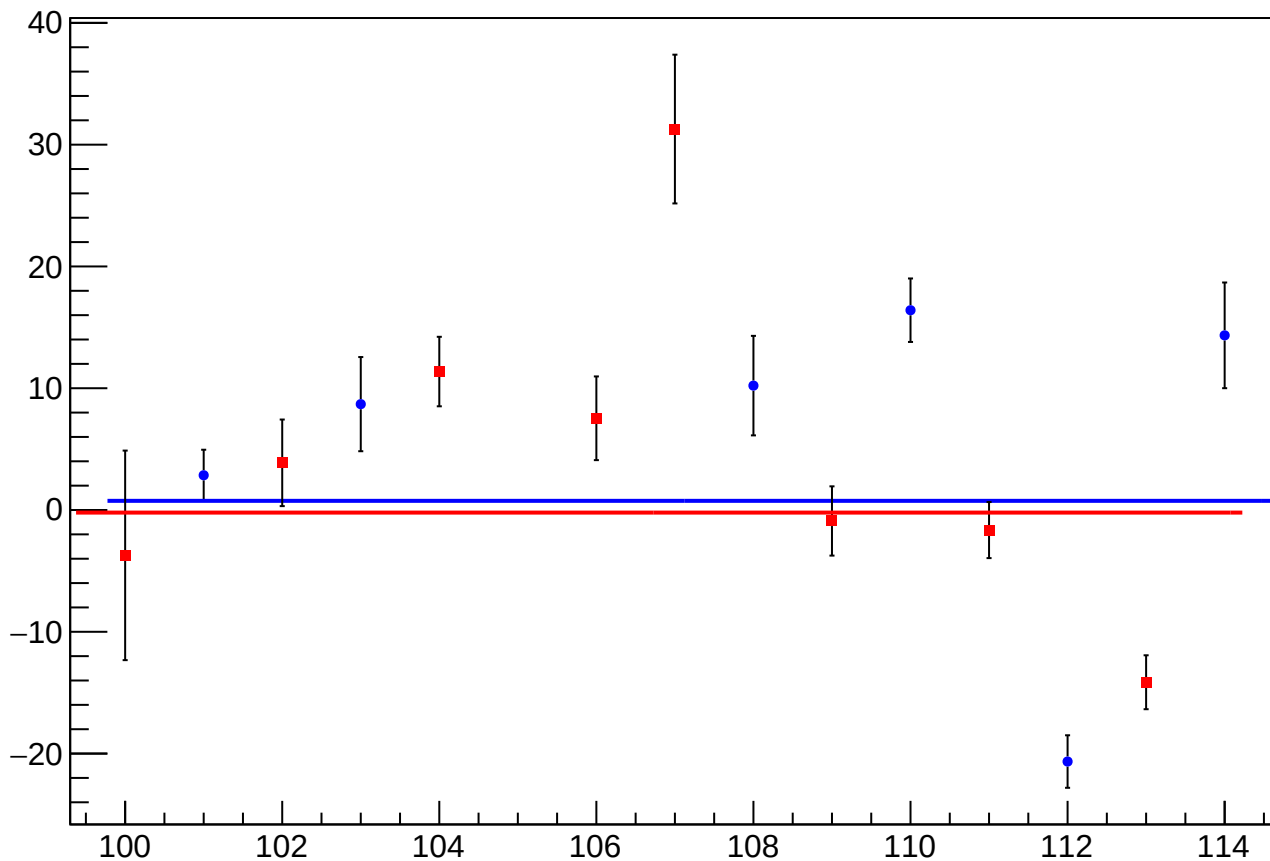
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.166 $\pm$ 0.617 χ^2 /NDF: 4862.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 0.753 ± 1.140 χ^2/NDF : 155.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.212 ± 1.089 χ^2/NDF : 89.7/7

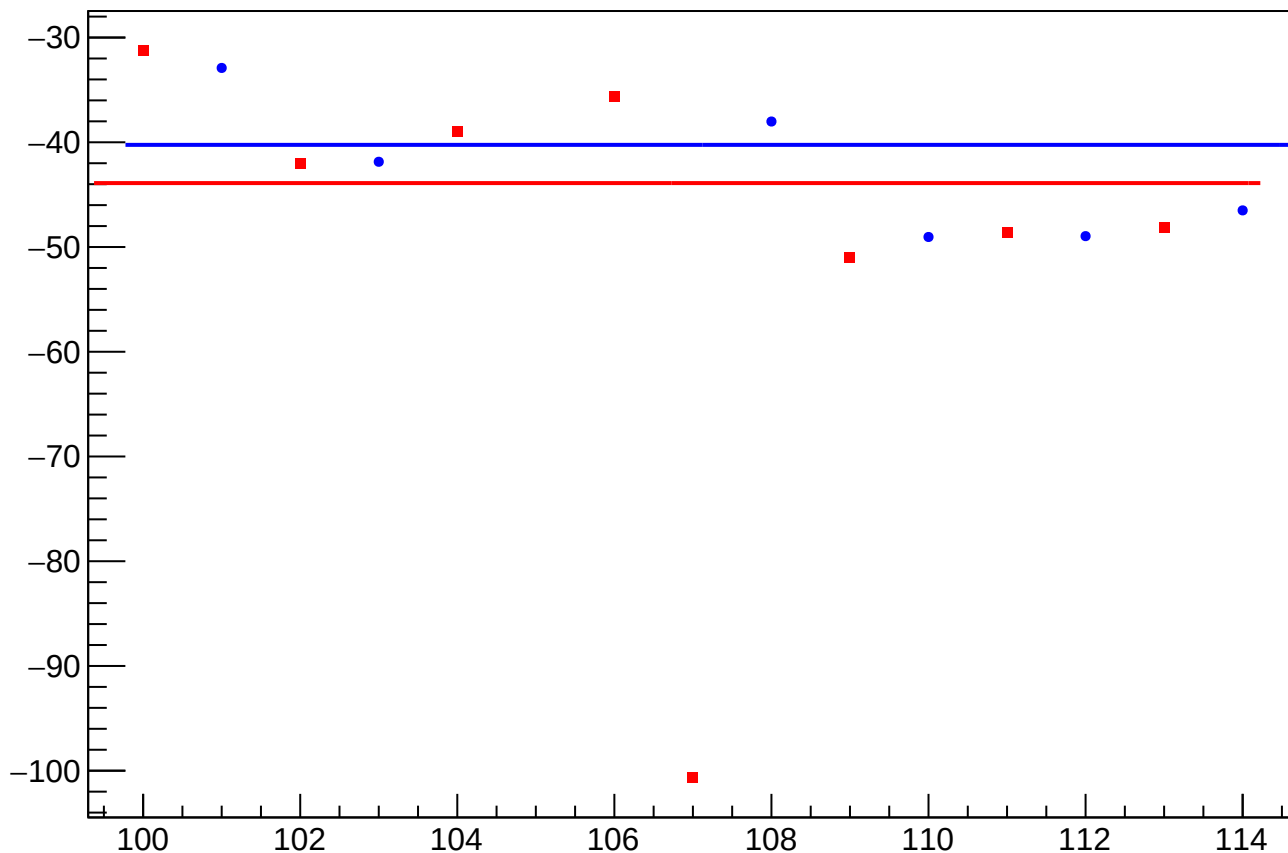
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.249 ± 0.787 χ^2/NDF : 245.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.246 ± 0.053 χ^2/NDF : 13431.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.896 ± 0.049 χ^2/NDF : 47354.1/7

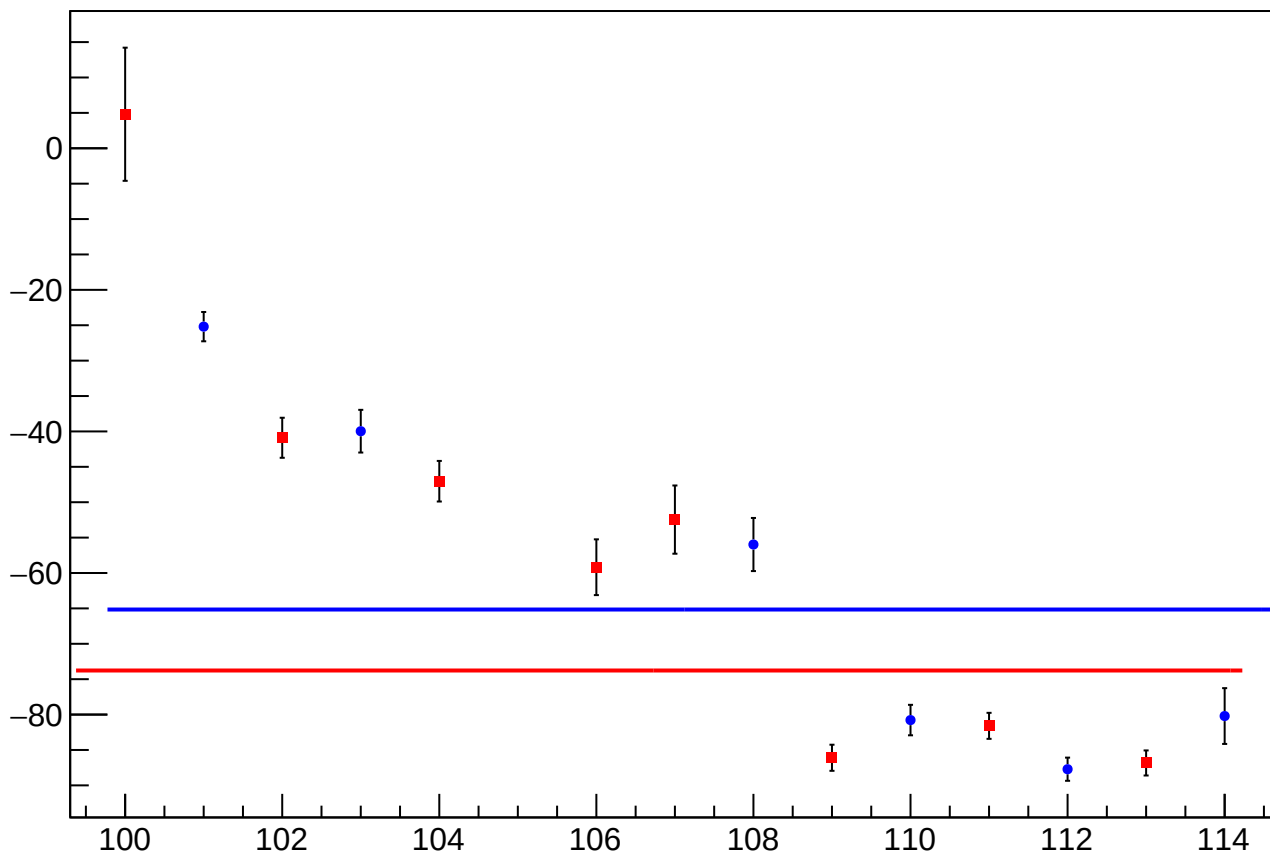
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.208 ± 0.036 χ^2/NDF : 63326.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -65.159 ± 0.968 χ^2/NDF : 705.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -73.773 ± 0.886 χ^2/NDF : 442.5/7

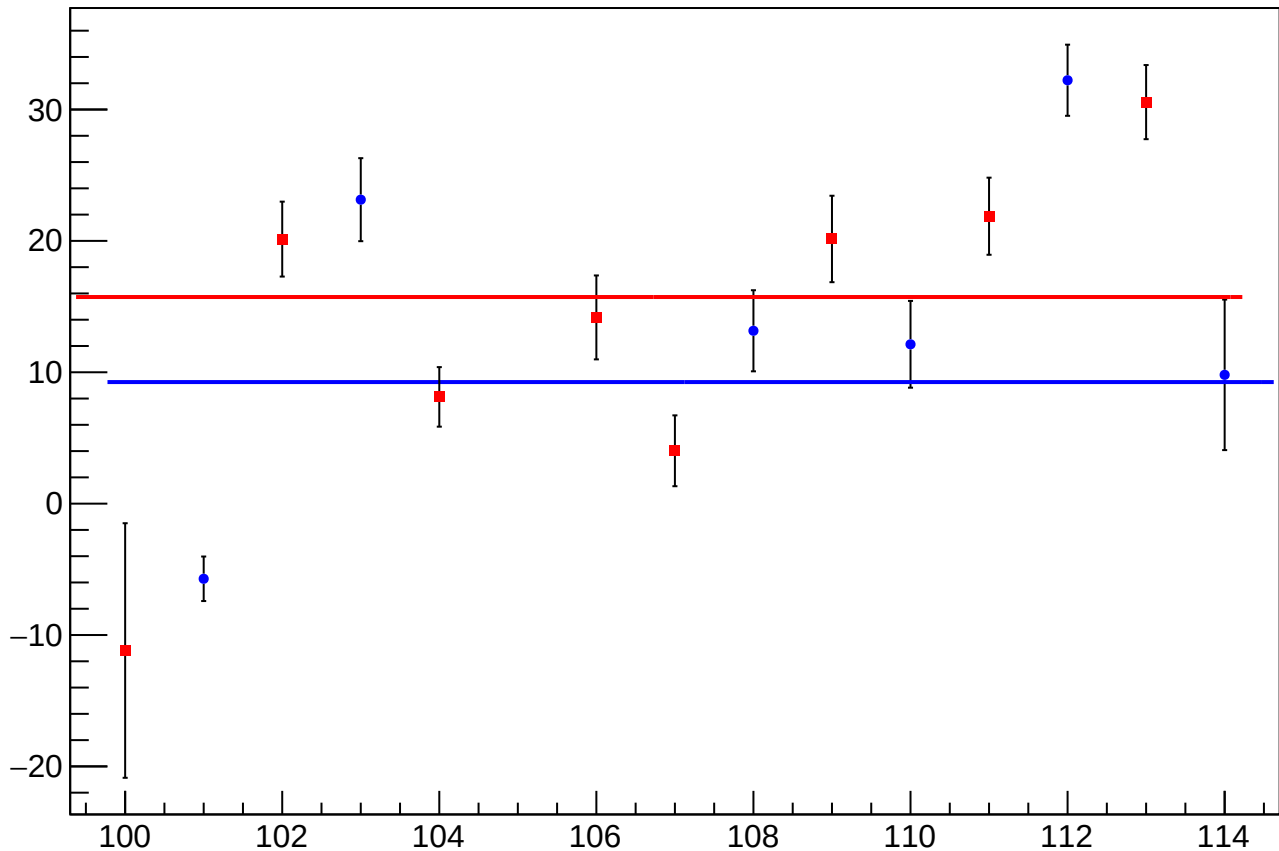
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.847 ± 0.653 χ^2/NDF : 1191.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 9.254+/-1.110 χ^2/NDF : 171.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.728+/-1.055 χ^2/NDF : 74.3/7

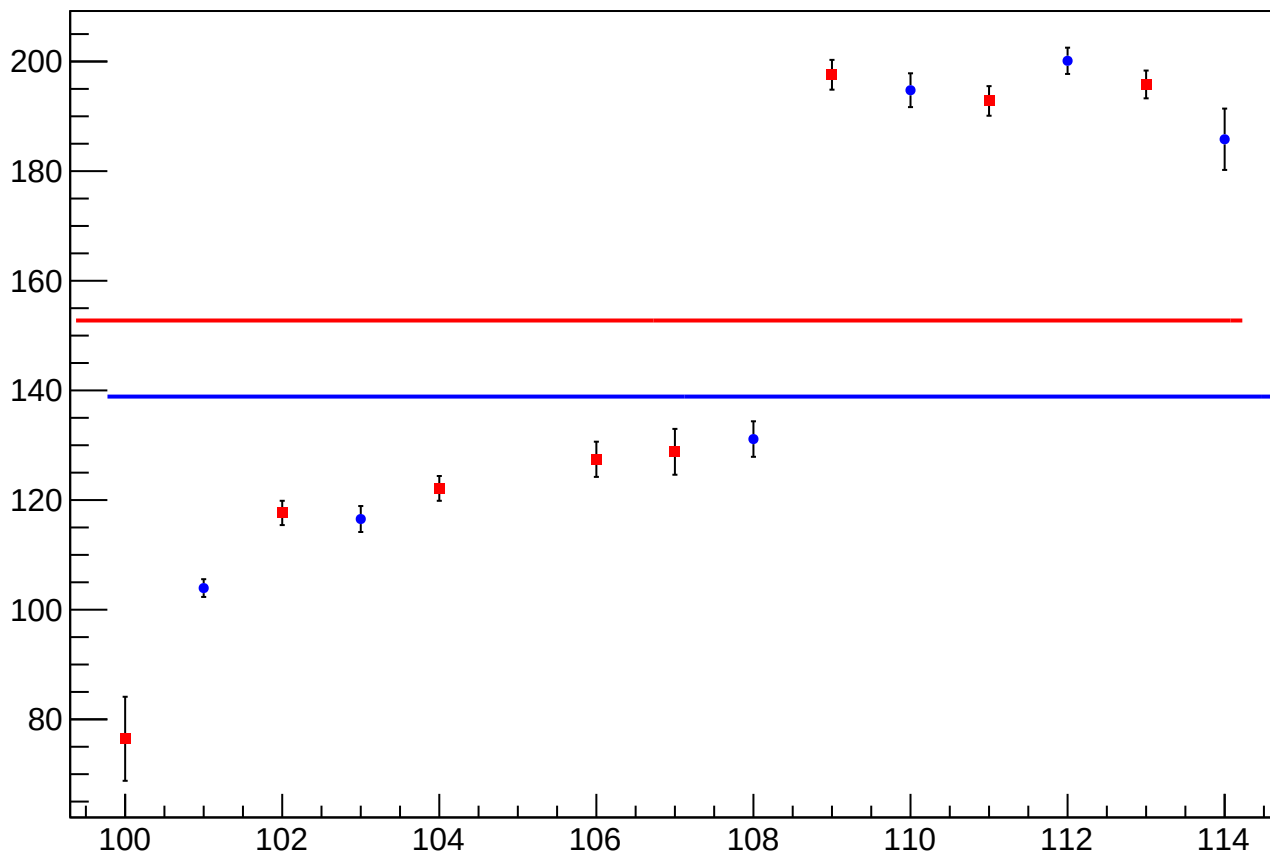
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.654+/-0.765 χ^2/NDF : 263.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 138.876 $\pm$ 1.017 χ^2 /NDF: 1611.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.754 $\pm$ 1.001 χ^2 /NDF: 1409.3/7

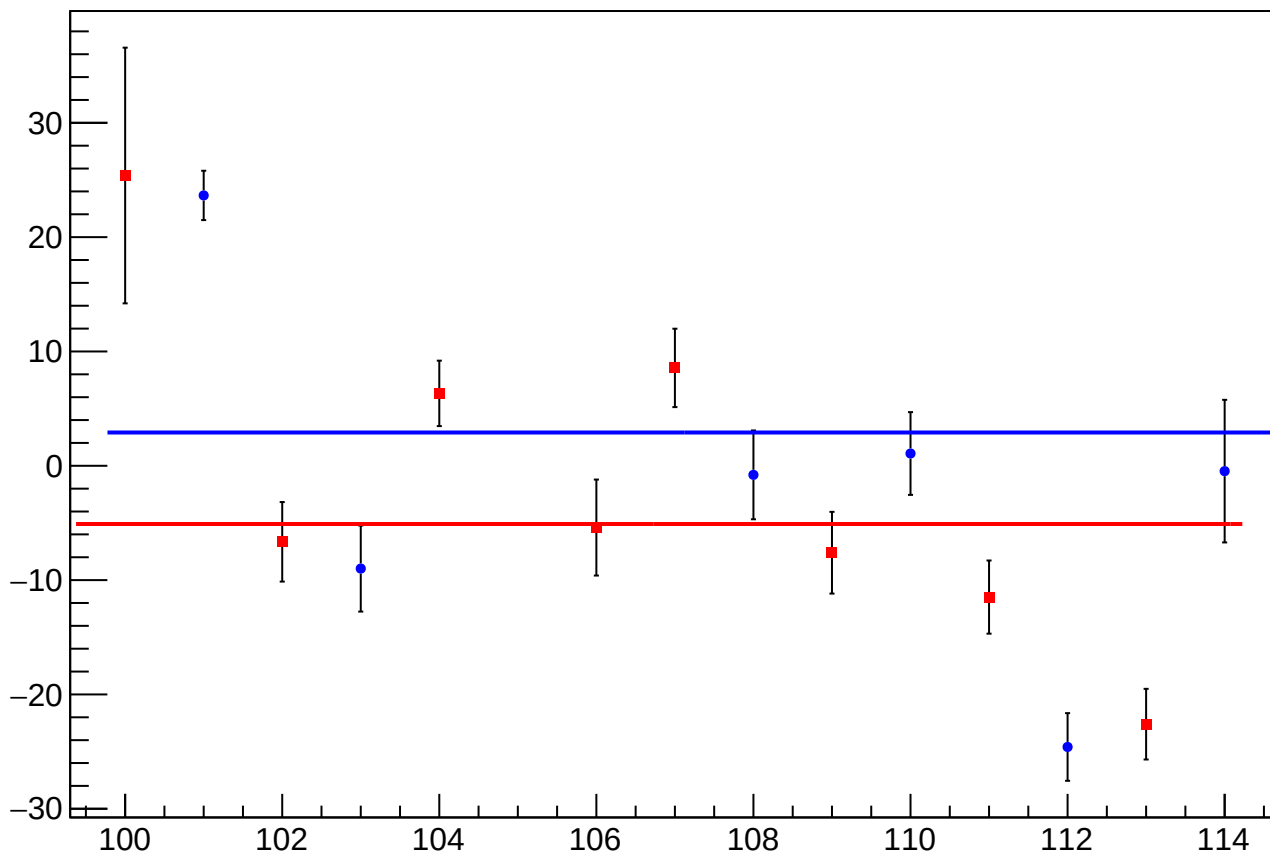
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.931 $\pm$ 0.713 χ^2 /NDF: 3115.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 2.912 ± 1.327 $\chi^2/\text{NDF}: 190.2/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.093 ± 1.255 $\chi^2/\text{NDF}: 76.0/7$

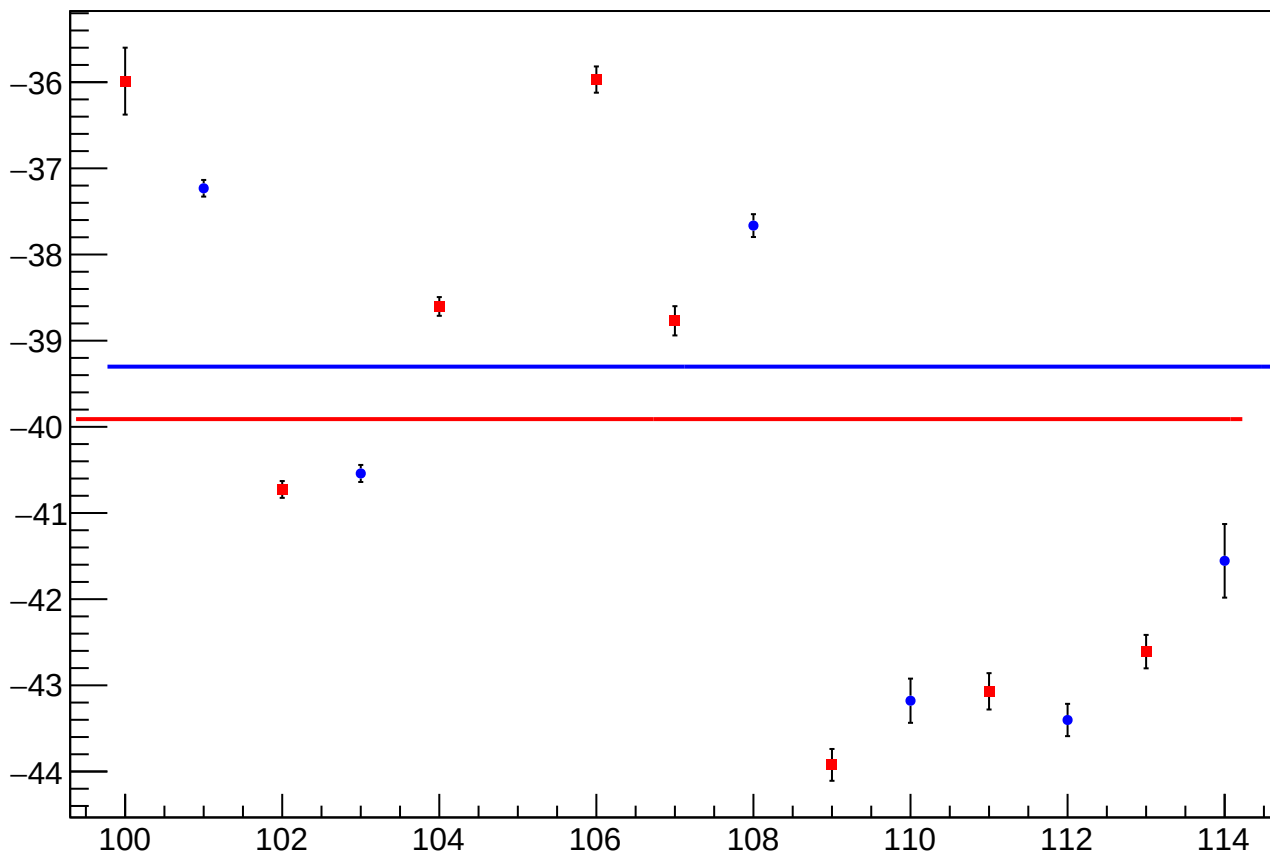
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.314 ± 0.912 $\chi^2/\text{NDF}: 285.5/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -39.301 ± 0.056 χ^2/NDF : 1503.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.910 ± 0.053 χ^2/NDF : 1921.0/7

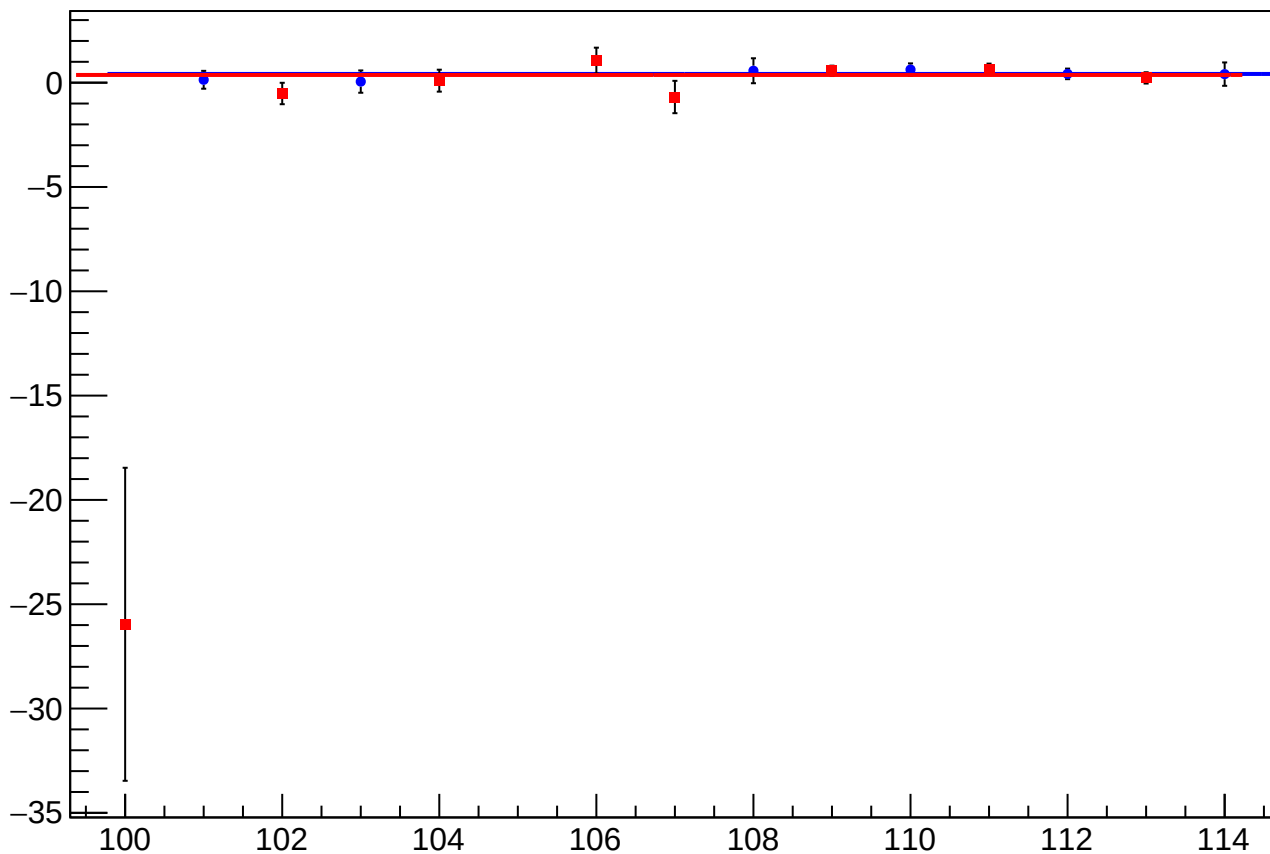
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.623 ± 0.039 χ^2/NDF : 3486.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.418 $\pm$ 0.155 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.370 $\pm$ 0.135 χ^2 /NDF: 20.5/7

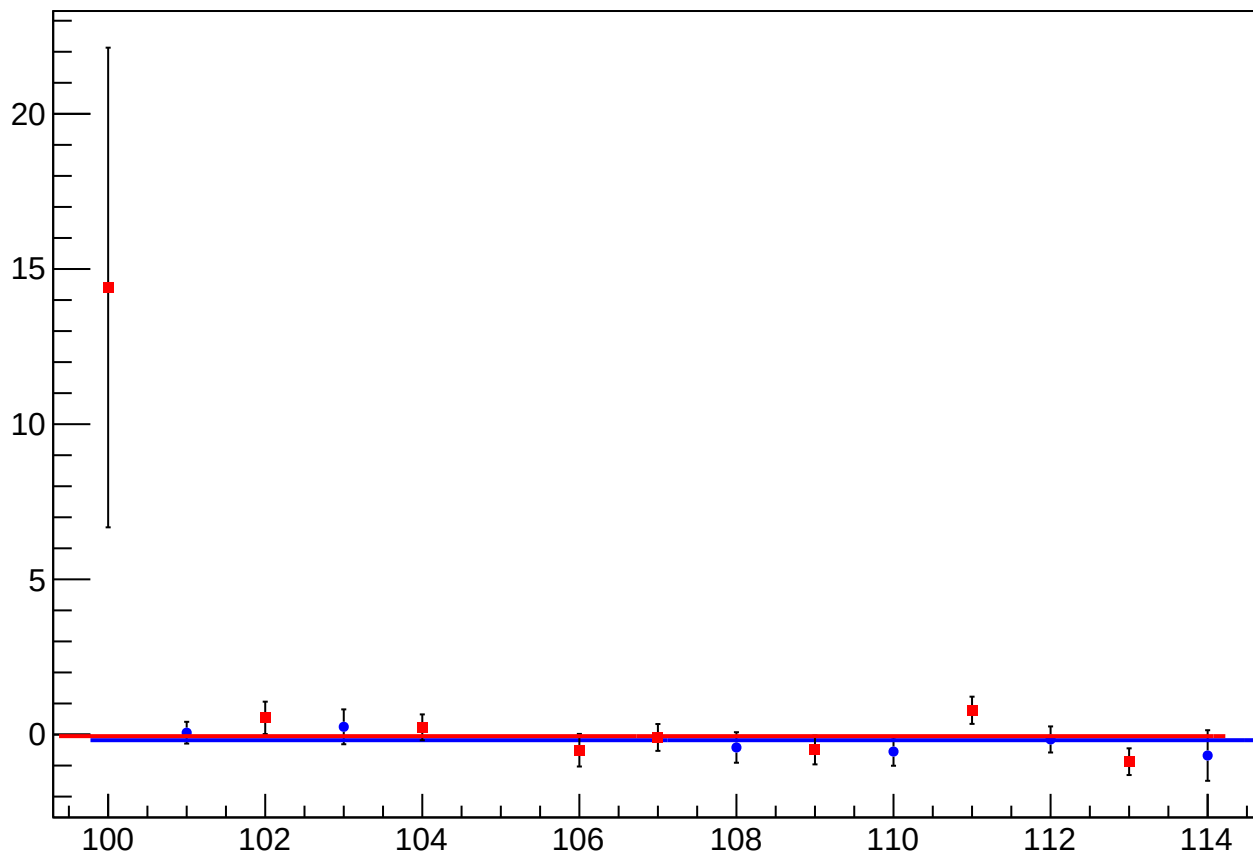
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.391 $\pm$ 0.102 χ^2 /NDF: 22.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.183 ± 0.191 χ^2/NDF : 2.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.052 ± 0.172 χ^2/NDF : 14.2/7

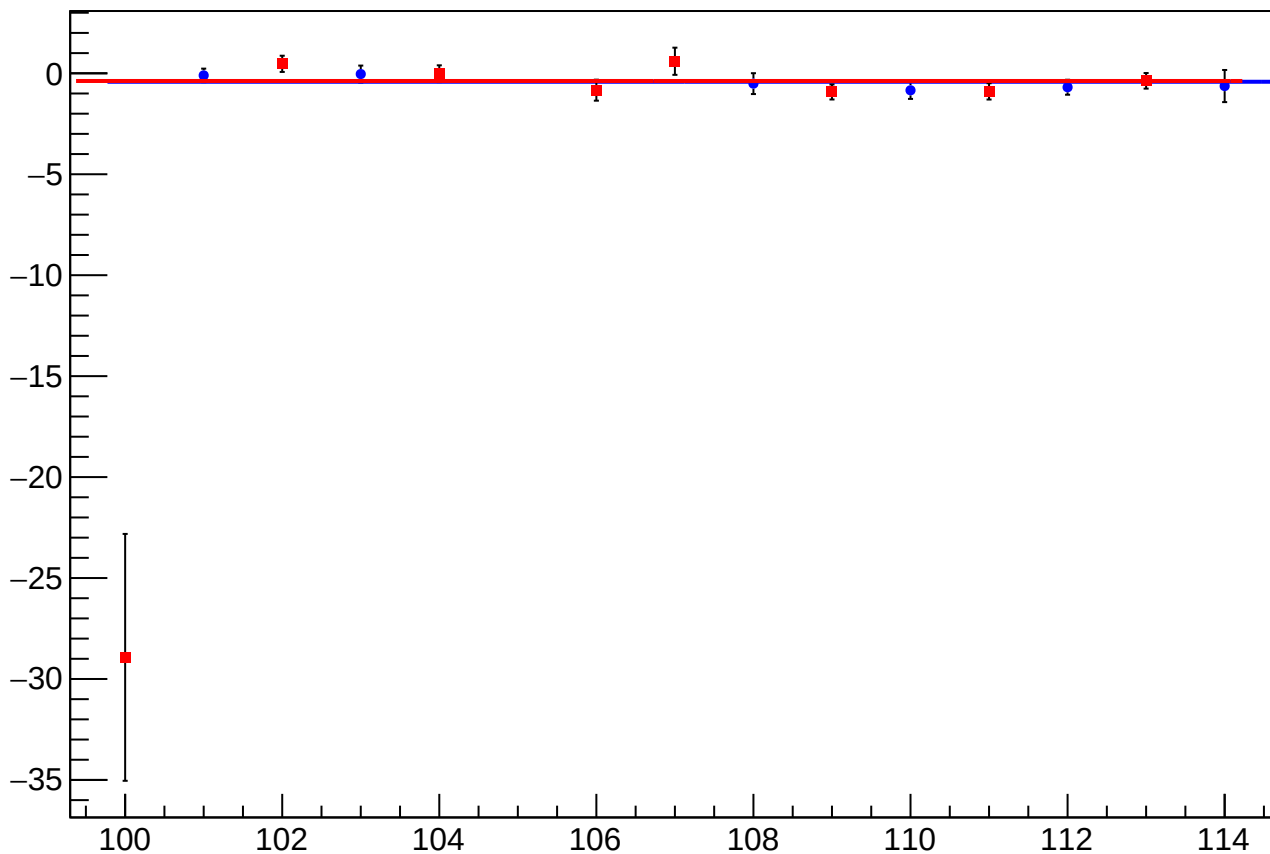
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.111 ± 0.128 χ^2/NDF : 16.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.419 ± 0.175 χ^2/NDF : 3.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.380 ± 0.162 χ^2/NDF : 33.7/7

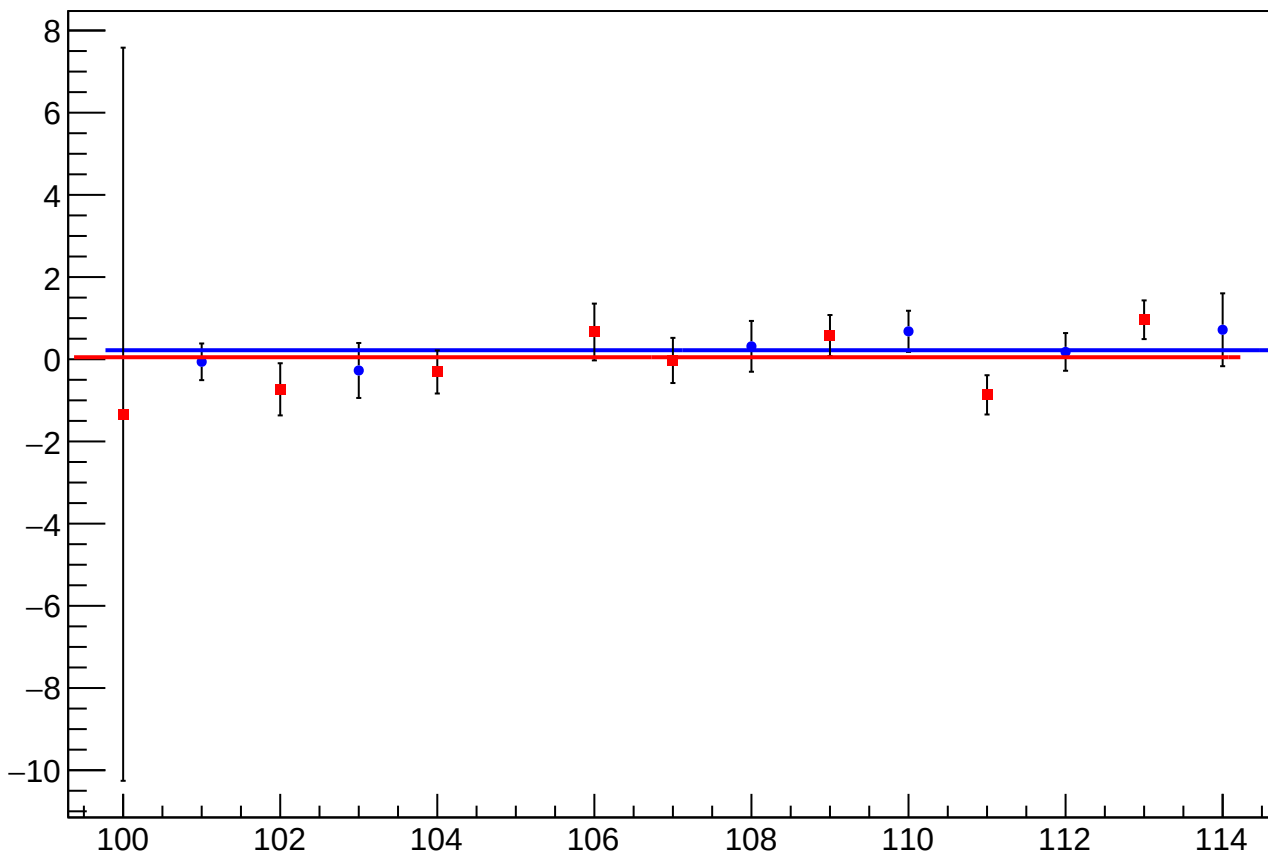
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.398 ± 0.119 χ^2/NDF : 37.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.220+/-0.224 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.202 χ^2/NDF : 11.4/7

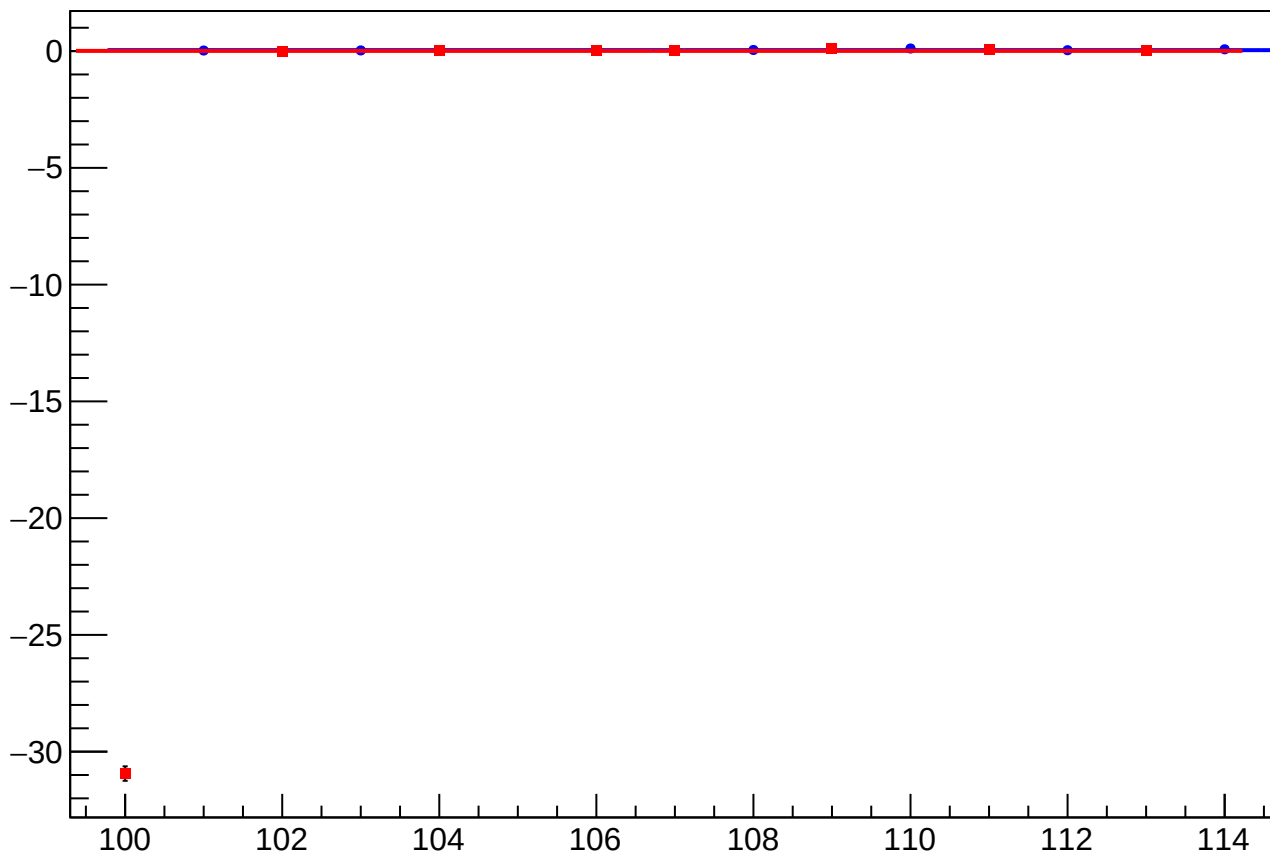
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.126+/-0.150 χ^2/NDF : 13.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.041+/-0.010 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.009 χ^2/NDF : 10001.8/7

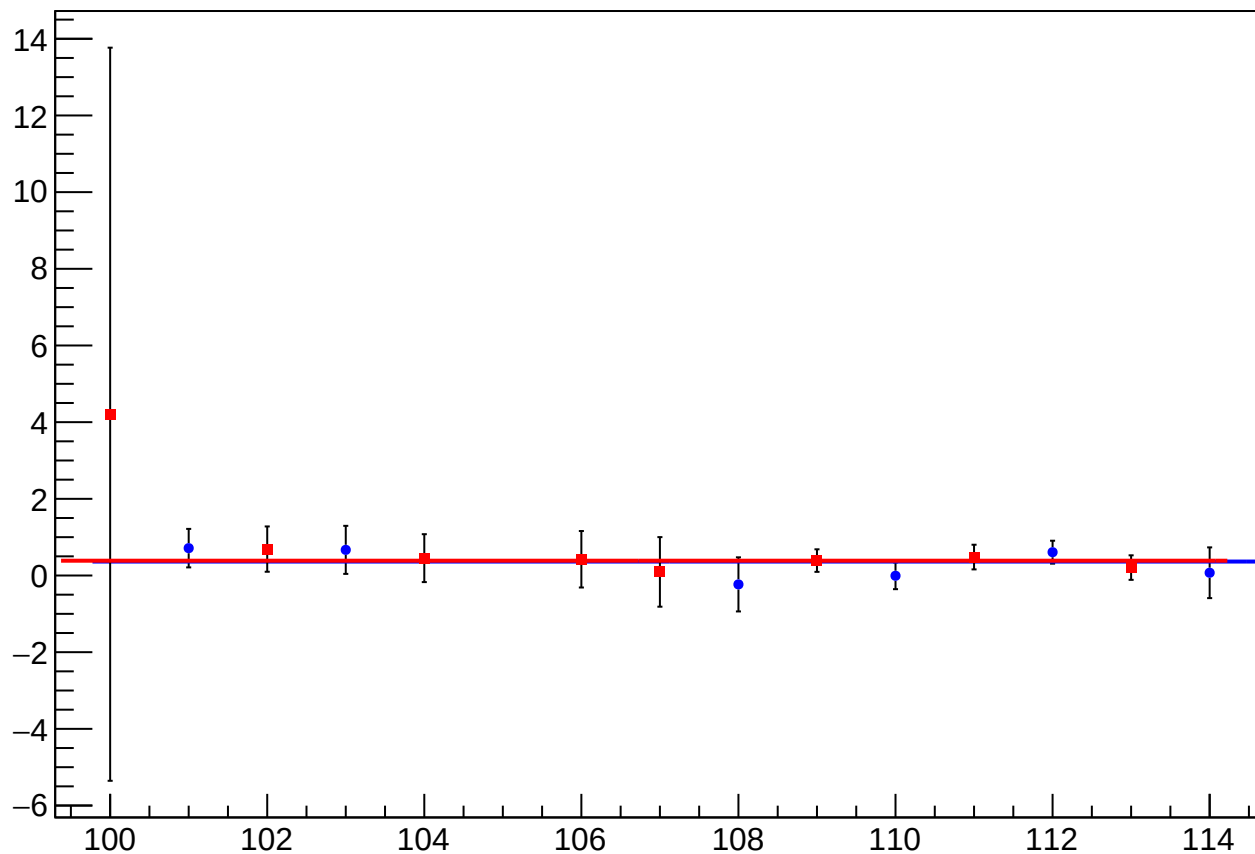
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.007 χ^2/NDF : 10013.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.364 $\pm$ 0.182 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.386 $\pm$ 0.159 χ^2 /NDF: 0.9/7

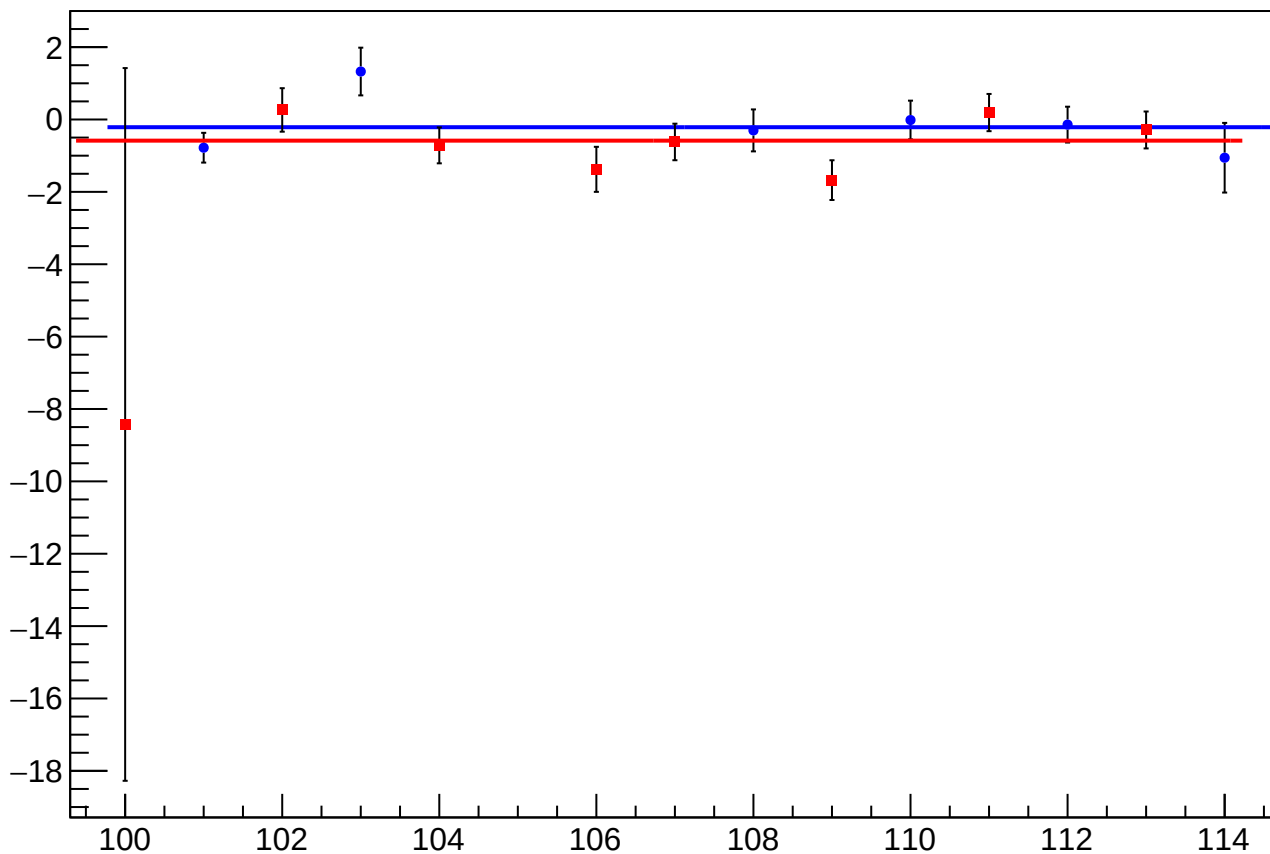
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.377 $\pm$ 0.120 χ^2 /NDF: 4.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.213 ± 0.225 χ^2/NDF : 8.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.585 ± 0.203 χ^2/NDF : 10.9/7

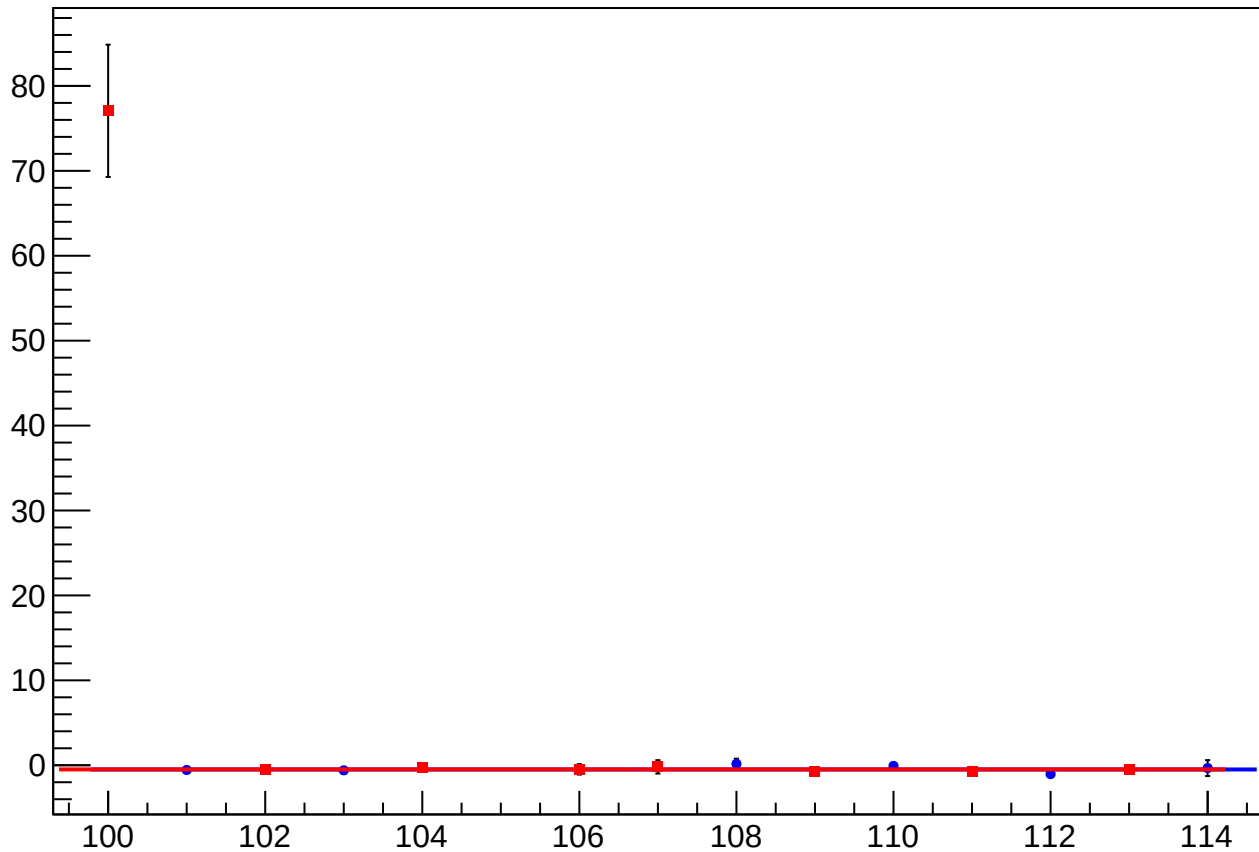
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.418 ± 0.151 χ^2/NDF : 20.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.497 ± 0.206 χ^2/NDF : 3.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.489 ± 0.191 χ^2/NDF : 100.0/7

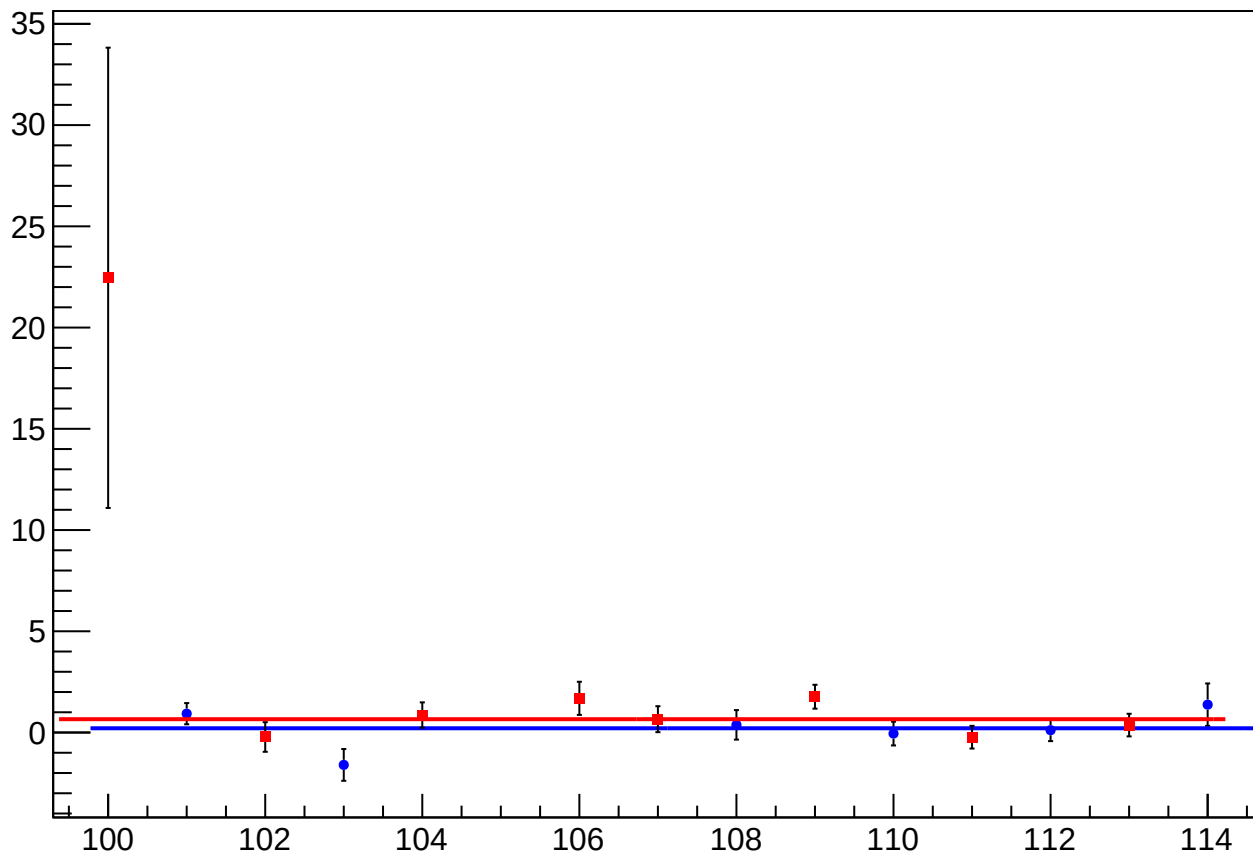
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.493 ± 0.140 χ^2/NDF : 103.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.209 $\pm$ 0.264 χ^2 /NDF: 8.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.659 $\pm$ 0.238 χ^2 /NDF: 13.1/7

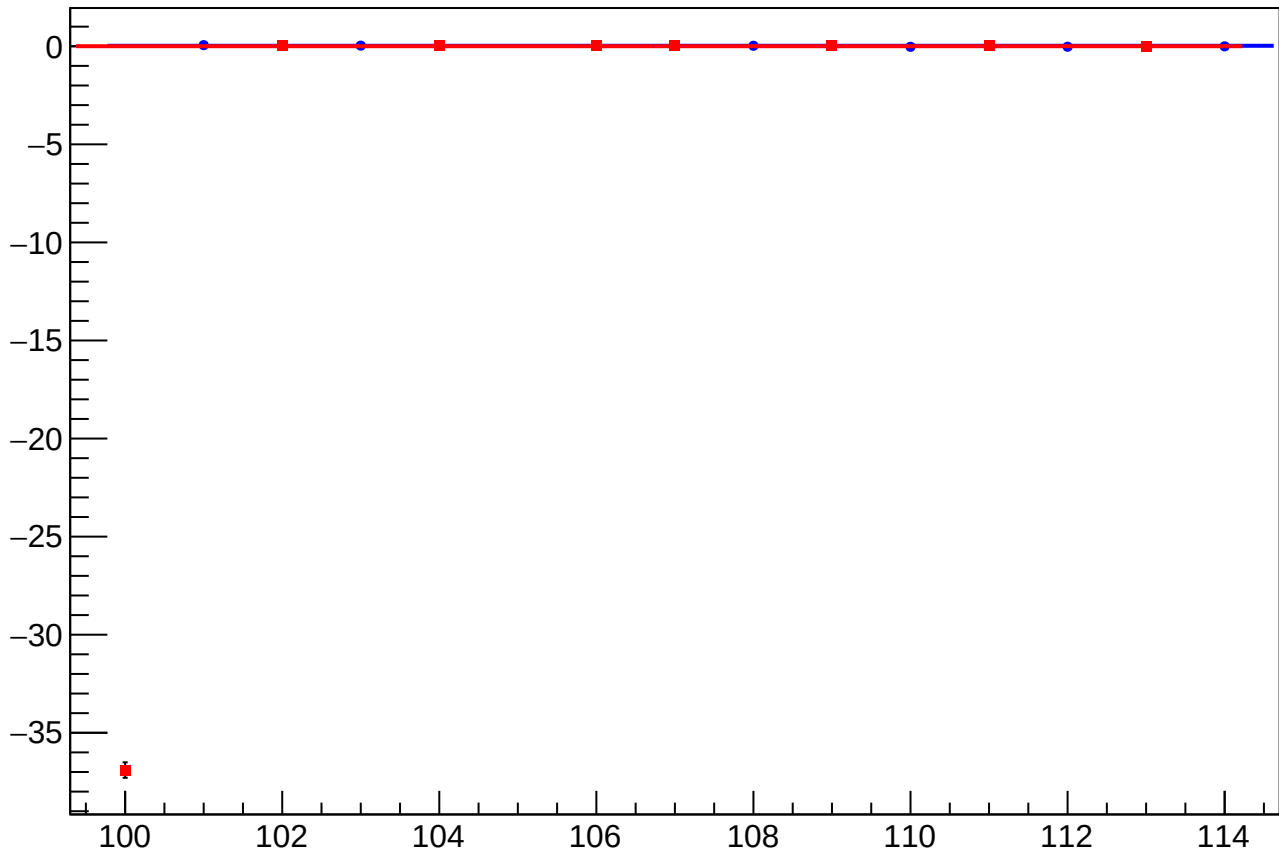
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.457 $\pm$ 0.177 χ^2 /NDF: 23.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.025+/-0.012 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.010 χ^2/NDF : 8743.1/7

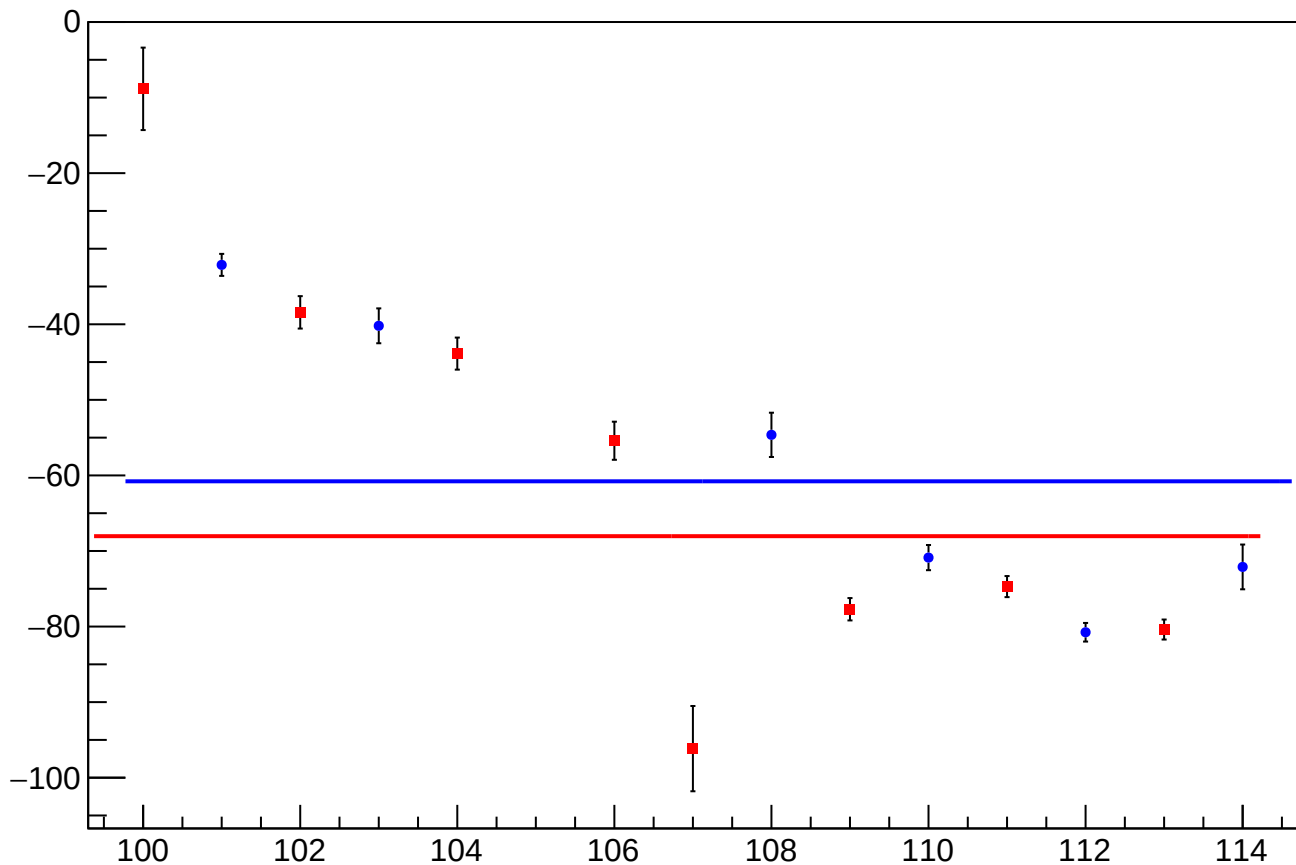
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 8751.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -60.779 ± 0.724 $\chi^2/\text{NDF}: 784.5/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -68.040 ± 0.674 $\chi^2/\text{NDF}: 640.7/7$

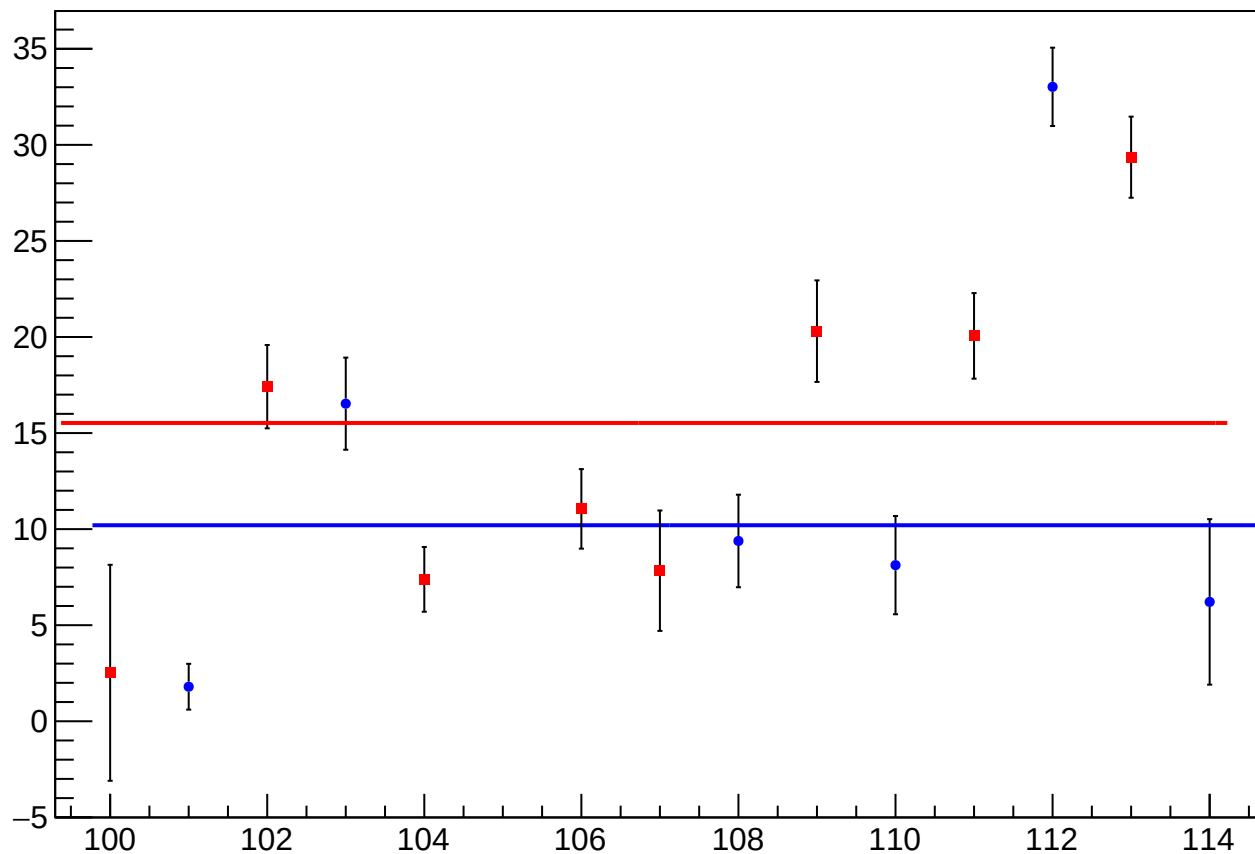
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -64.670 ± 0.493 $\chi^2/\text{NDF}: 1479.2/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 10.202 $\pm$ 0.817 χ^2 /NDF: 183.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.526 $\pm$ 0.816 χ^2 /NDF: 90.5/7

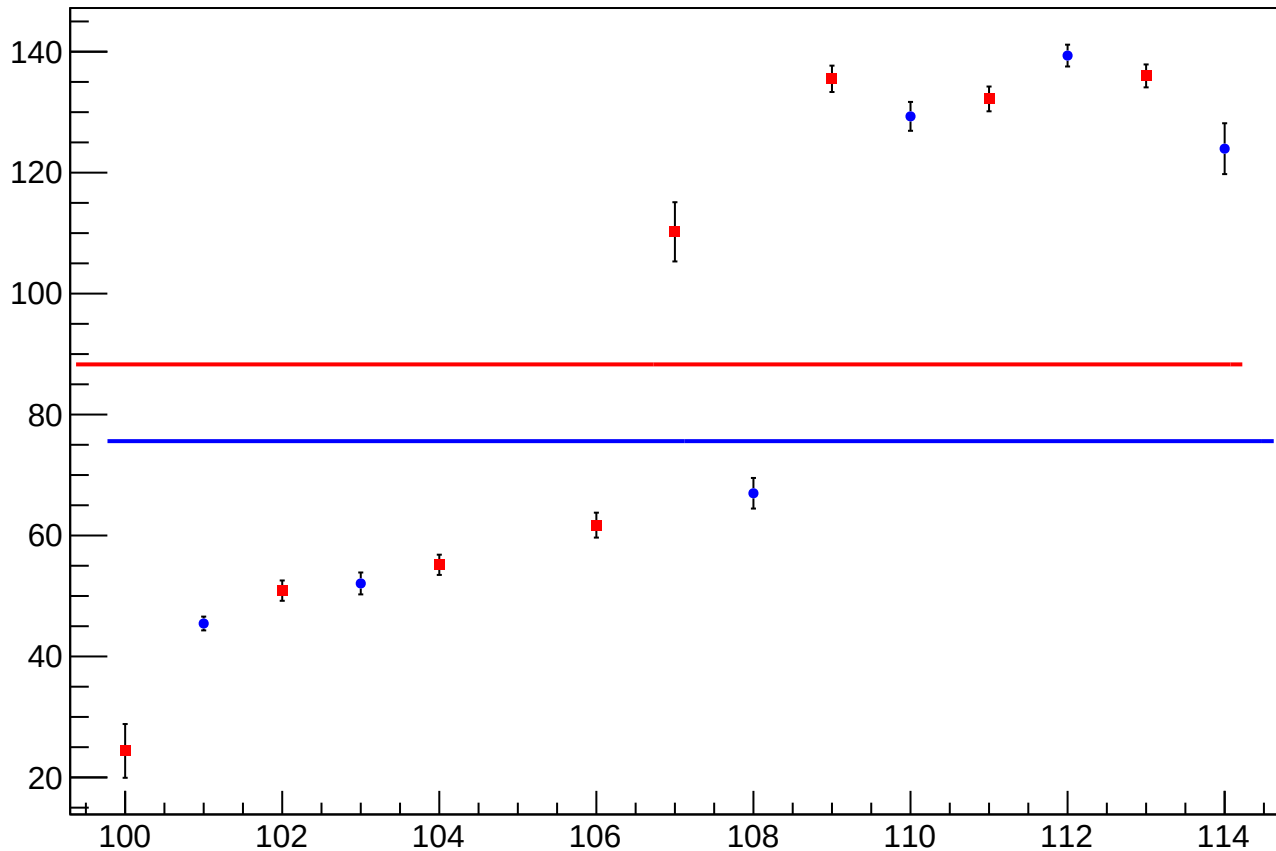
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.867 $\pm$ 0.578 χ^2 /NDF: 295.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 75.604 $\pm$ 0.752 χ^2 /NDF: 2766.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.293 $\pm$ 0.752 χ^2 /NDF: 2842.6/7

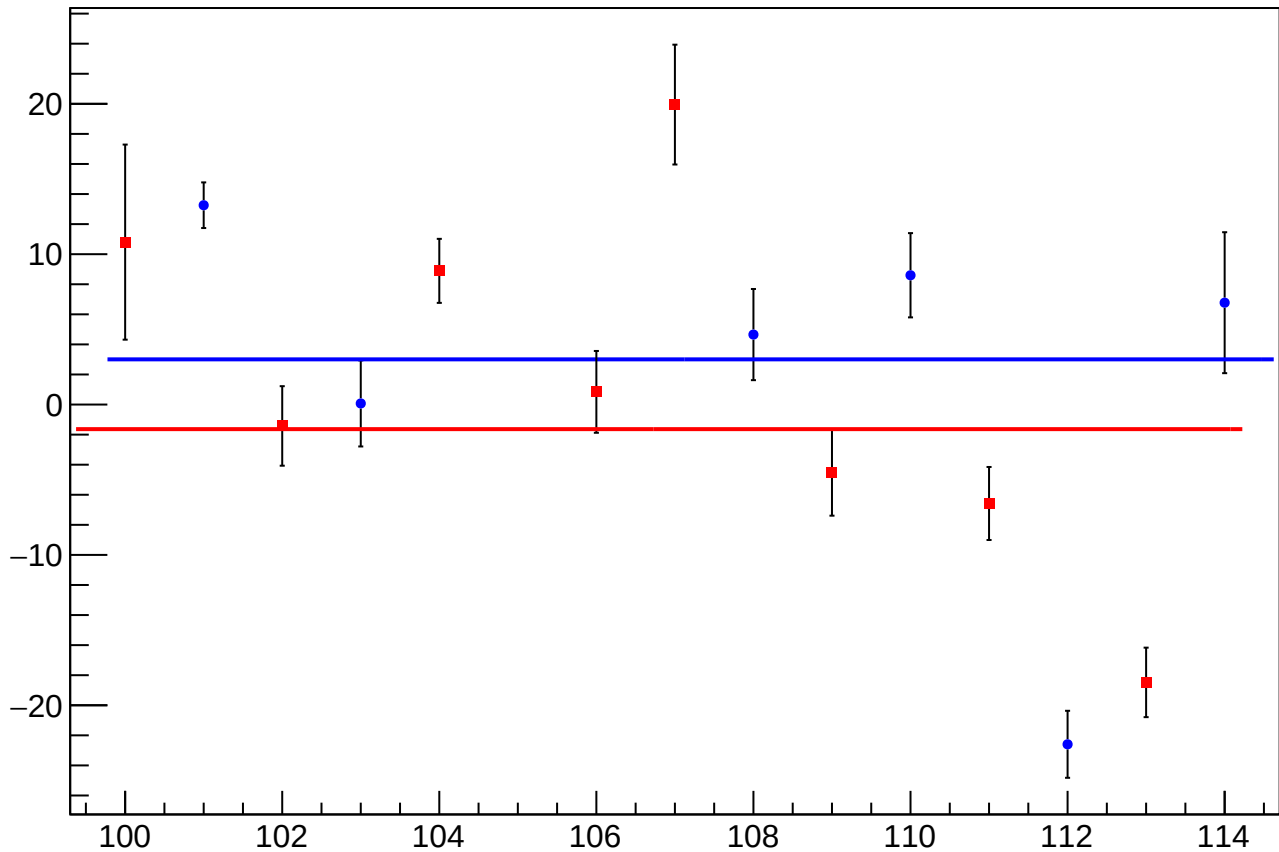
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.942 $\pm$ 0.532 χ^2 /NDF: 5751.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 3.005 $\pm$ 0.981 χ^2 /NDF: 183.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.635 $\pm$ 0.970 χ^2 /NDF: 116.6/7

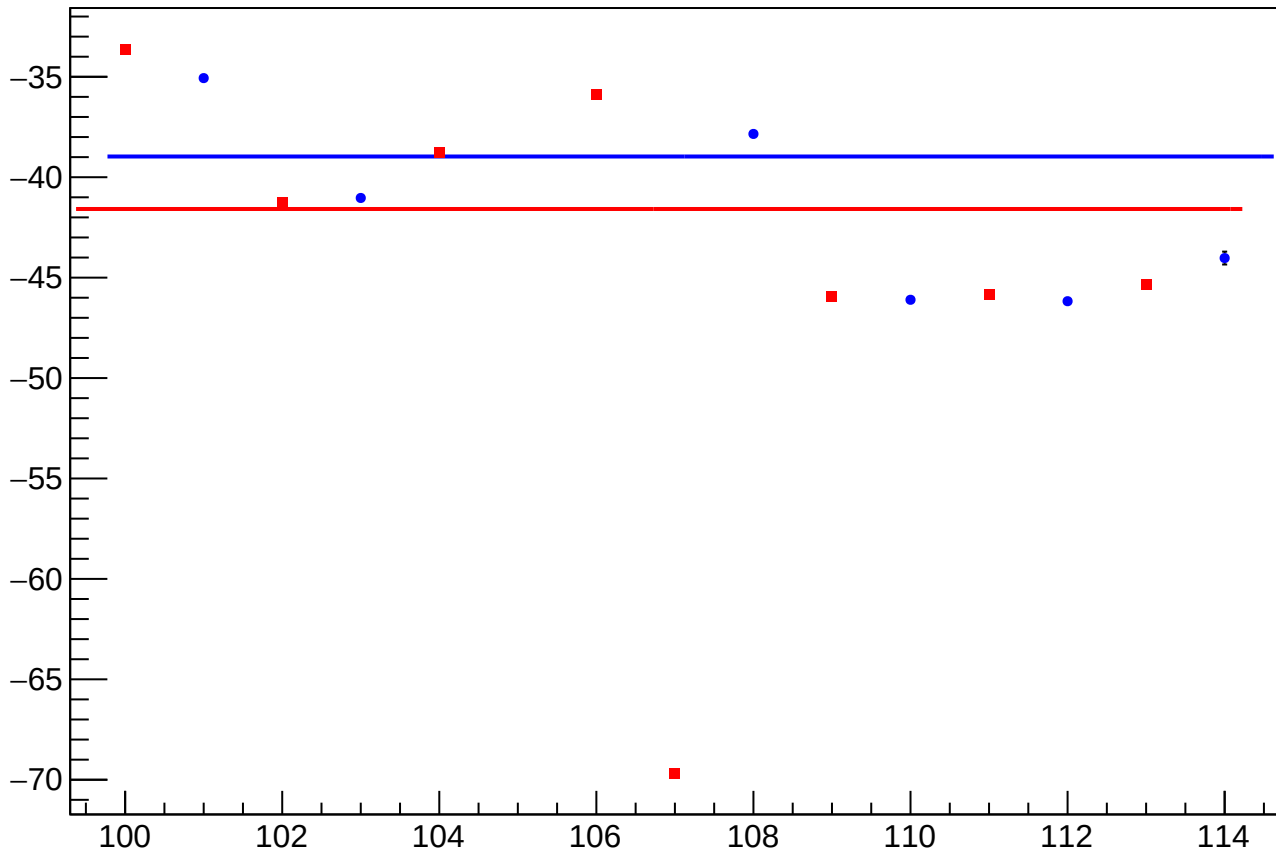
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.659 $\pm$ 0.690 χ^2 /NDF: 311.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -38.968+/-0.042 χ^2/NDF : 8306.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.582+/-0.040 χ^2/NDF : 28143.0/7

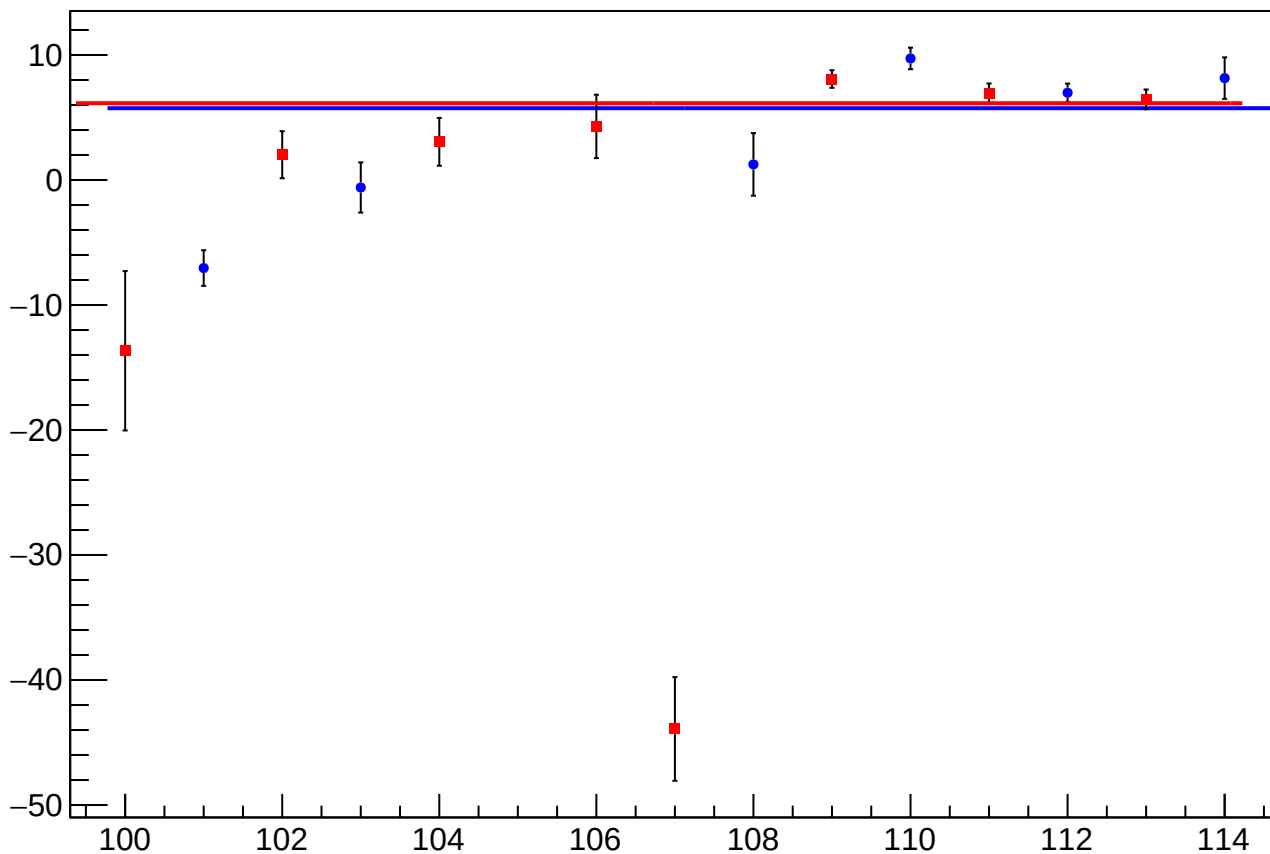
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.331+/-0.029 χ^2/NDF : 38474.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 5.743+/-0.472 χ^2/NDF : 119.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.141+/-0.407 χ^2/NDF : 172.1/7

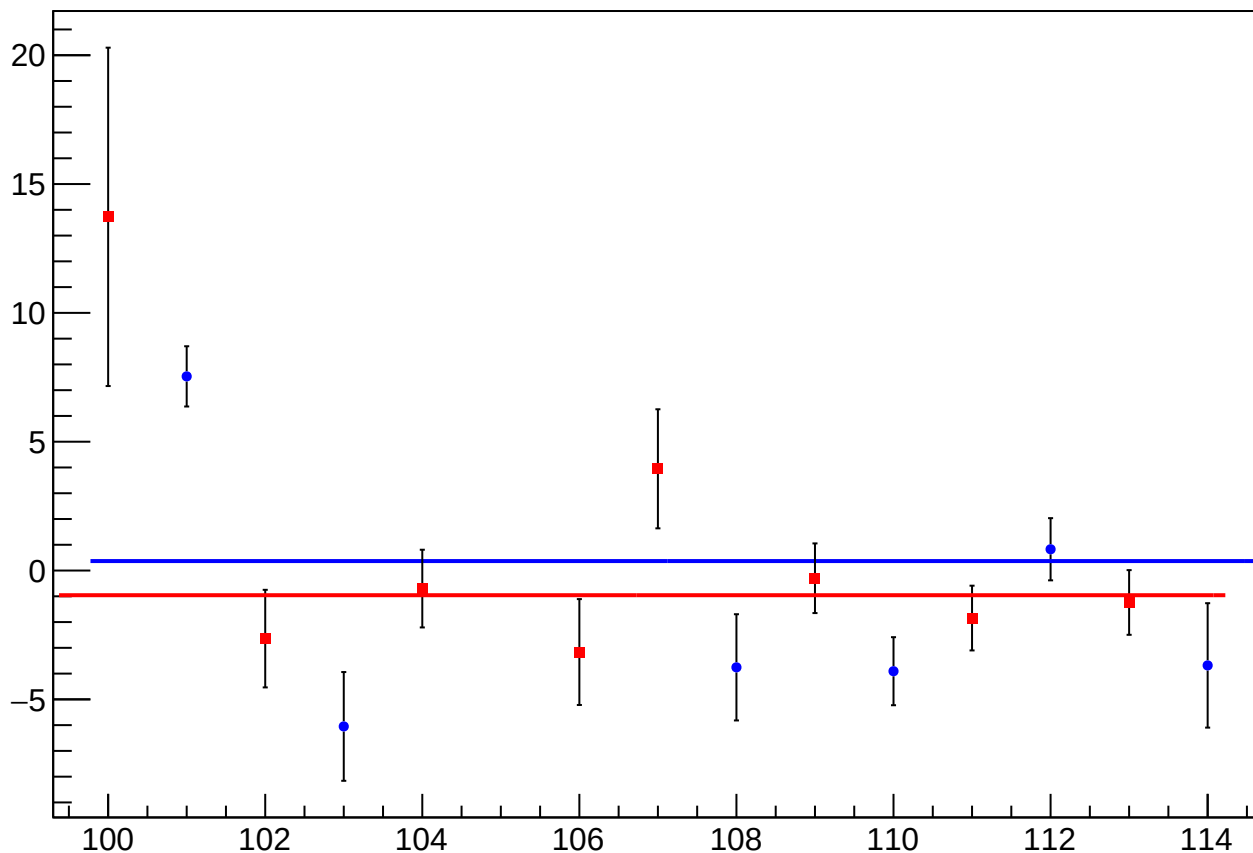
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.971+/-0.308 χ^2/NDF : 292.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.368 $\pm$ 0.617 χ^2 /NDF: 64.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.957 $\pm$ 0.579 χ^2 /NDF: 12.3/7

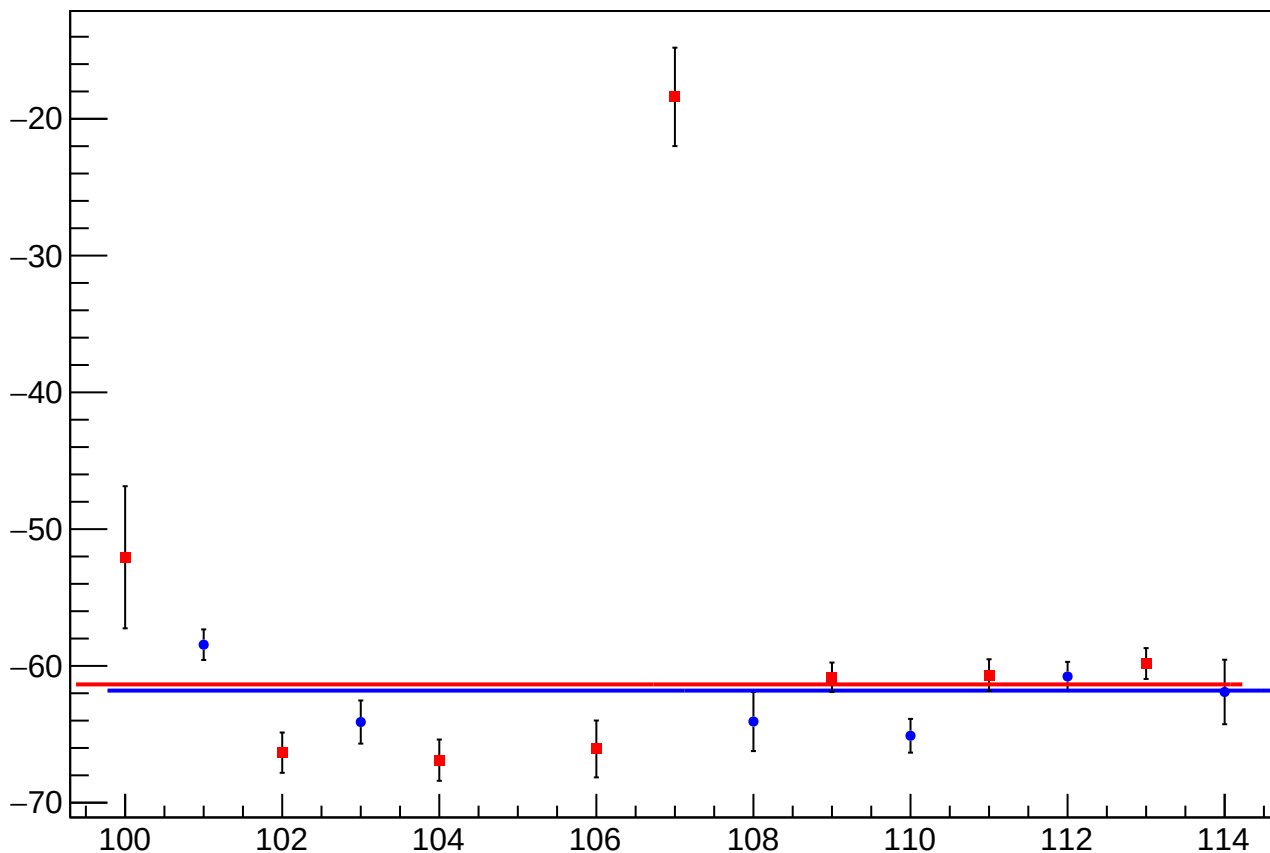
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.337 $\pm$ 0.422 χ^2 /NDF: 79.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -61.805 ± 0.565 χ^2/NDF : 20.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.353 ± 0.524 χ^2/NDF : 178.3/7

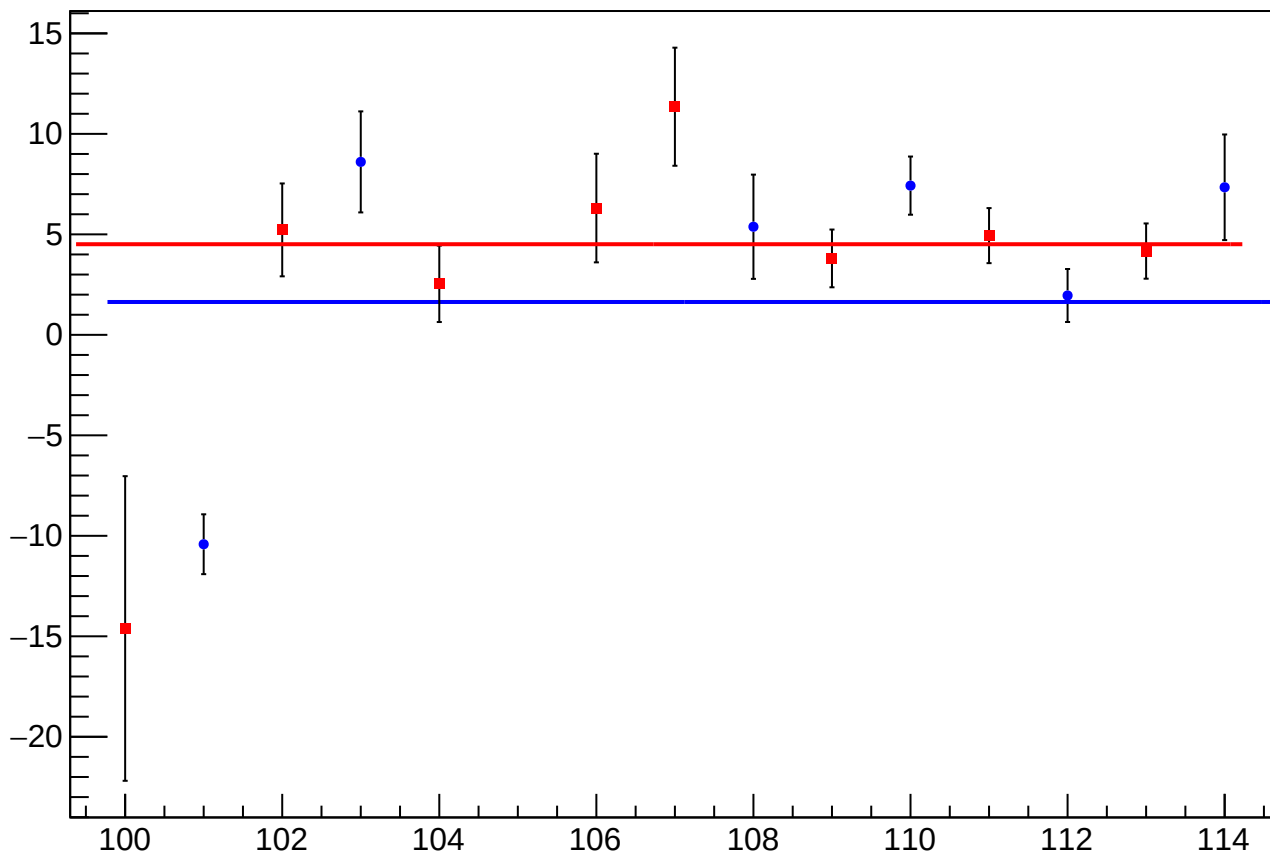
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.562 ± 0.384 χ^2/NDF : 198.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.635 $\pm$ 0.715 χ^2 /NDF: 96.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.509 $\pm$ 0.662 χ^2 /NDF: 13.8/7

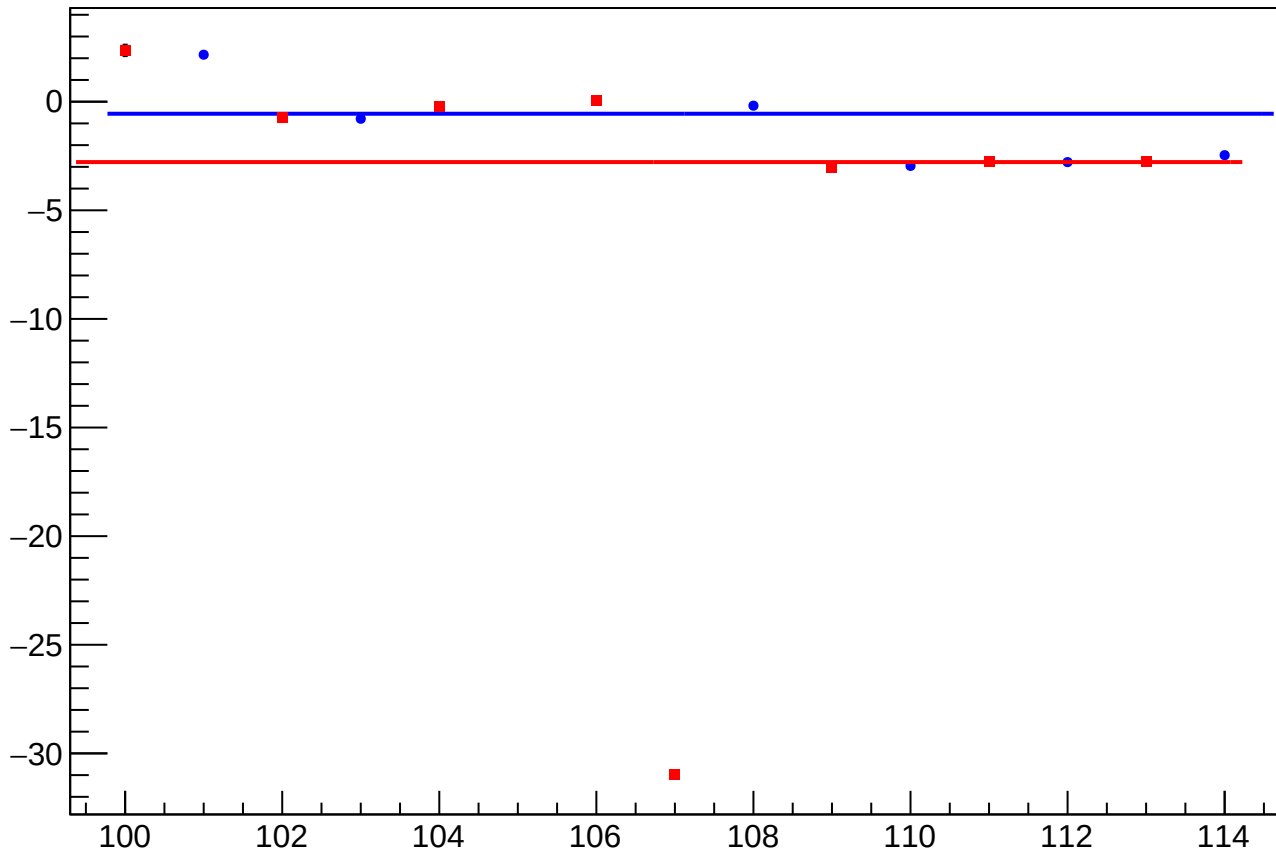
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.183 $\pm$ 0.486 χ^2 /NDF: 118.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: -0.555 ± 0.034 χ^2/NDF : 3060.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.780 ± 0.032 χ^2/NDF : 40694.0/7

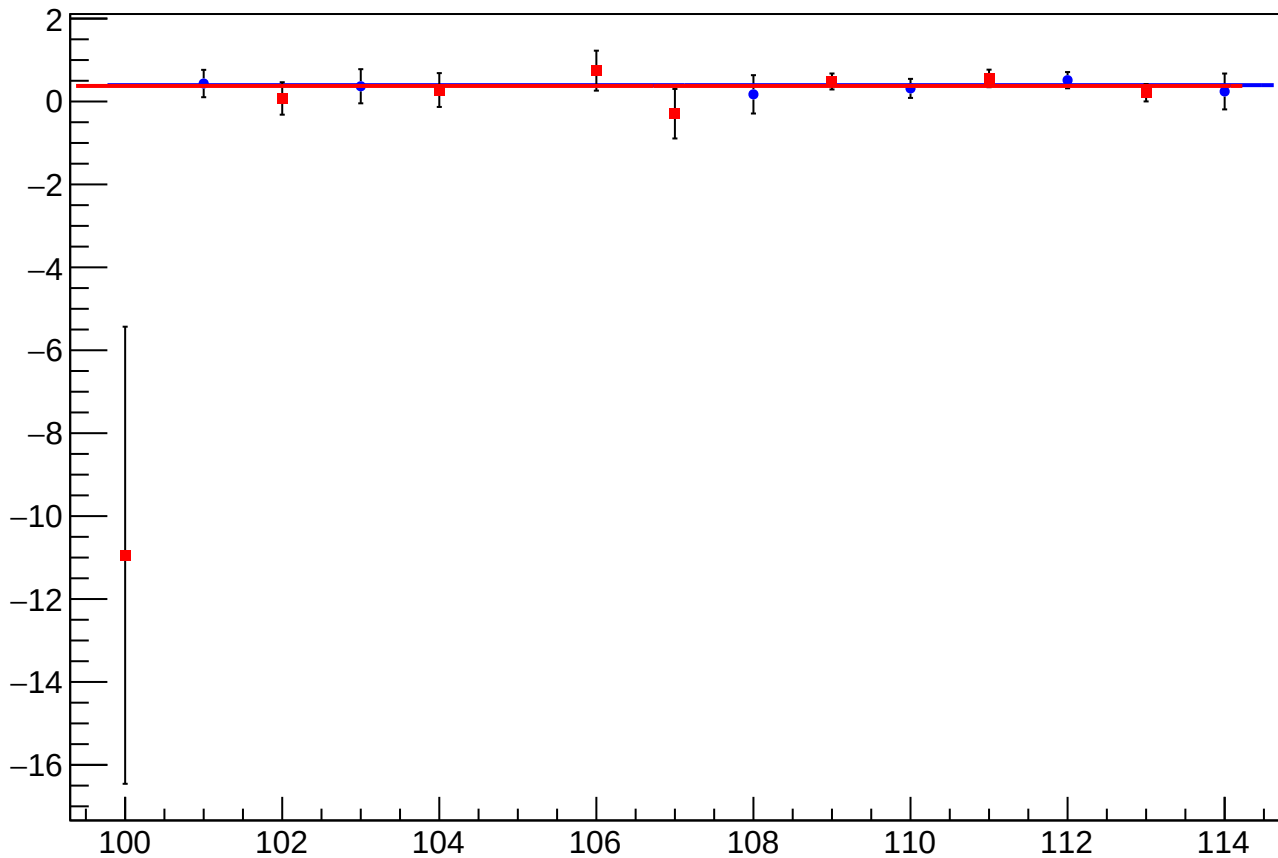
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.758 ± 0.023 χ^2/NDF : 46037.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.394+/-0.119 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.375+/-0.104 χ^2/NDF : 8.4/7

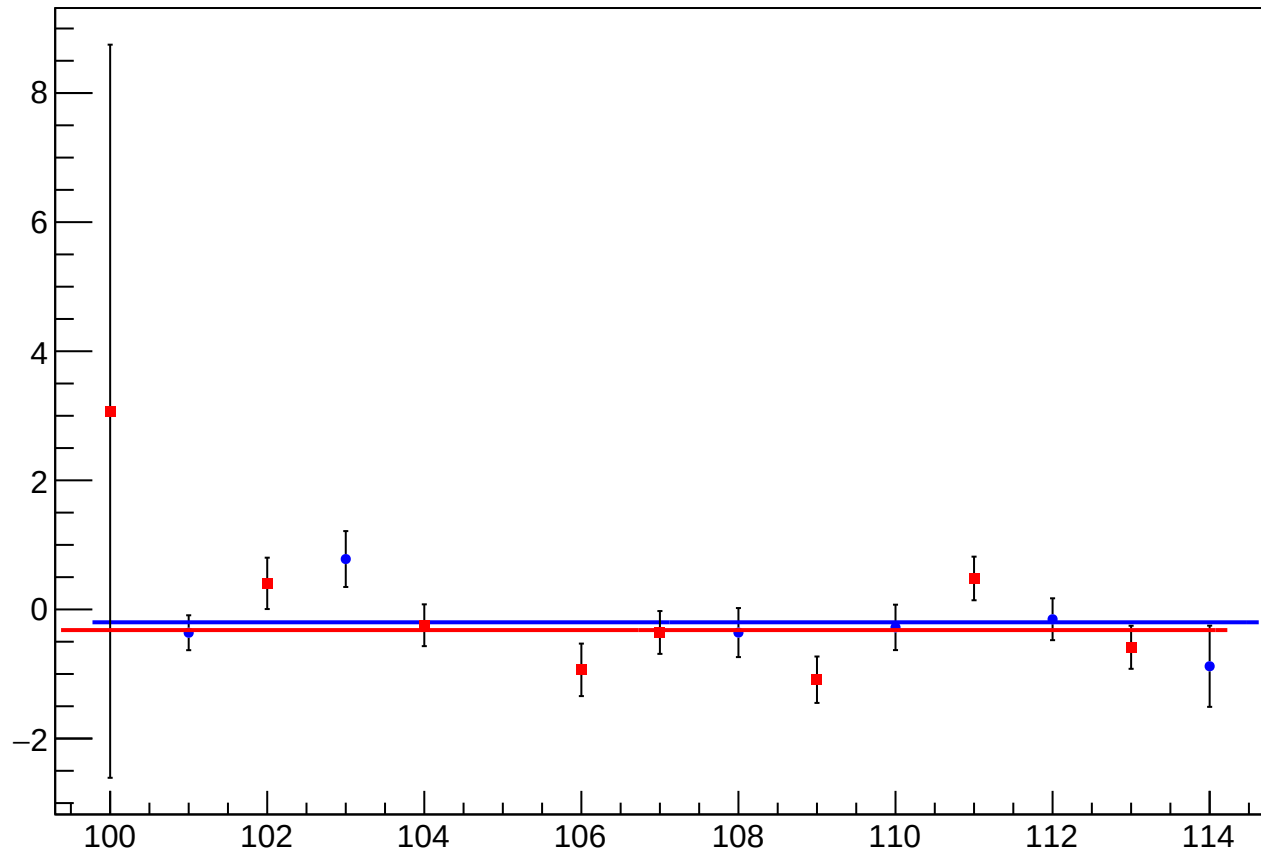
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.384+/-0.079 χ^2/NDF : 9.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.199 ± 0.147 χ^2/NDF : 6.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.320 ± 0.133 χ^2/NDF : 16.8/7

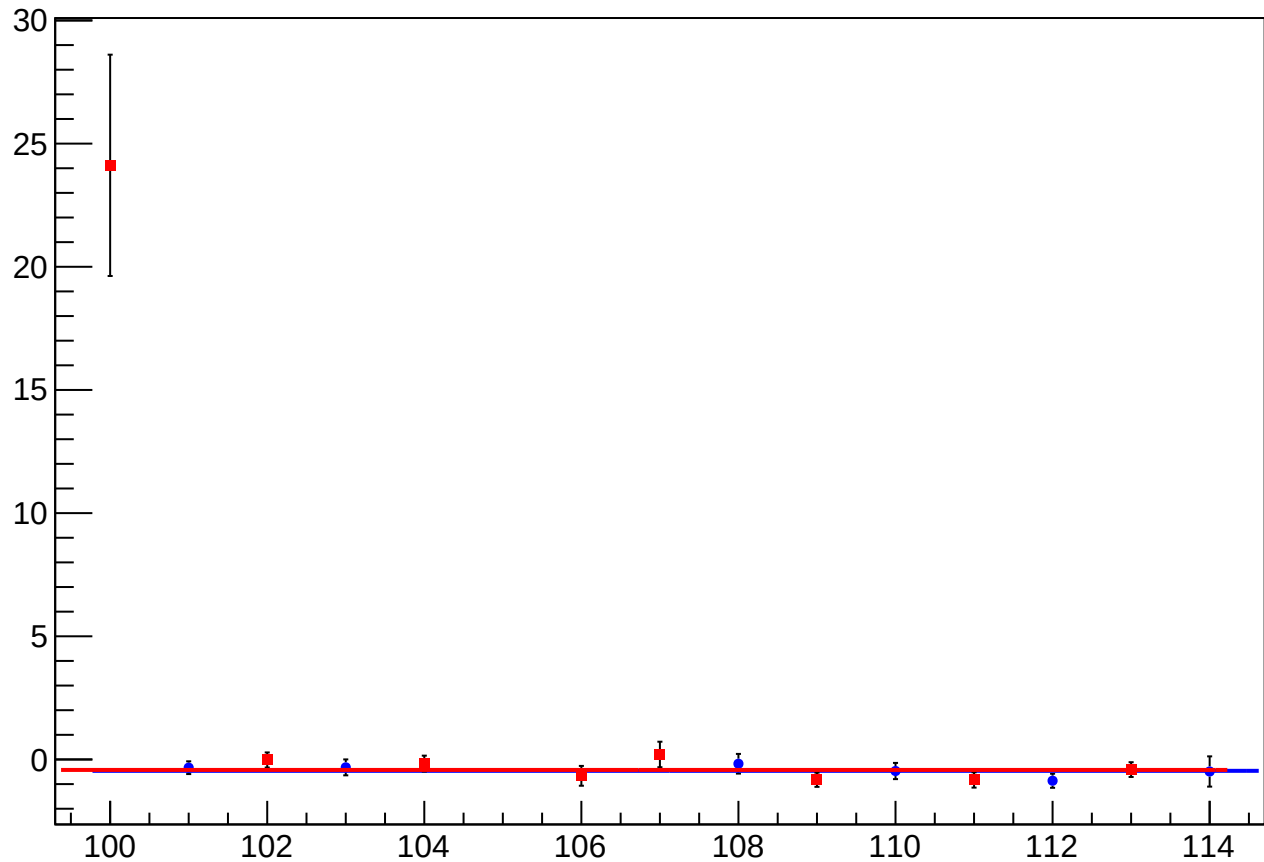
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.266 ± 0.099 χ^2/NDF : 24.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.461 ± 0.135 χ^2/NDF : 2.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.425 ± 0.125 χ^2/NDF : 37.7/7

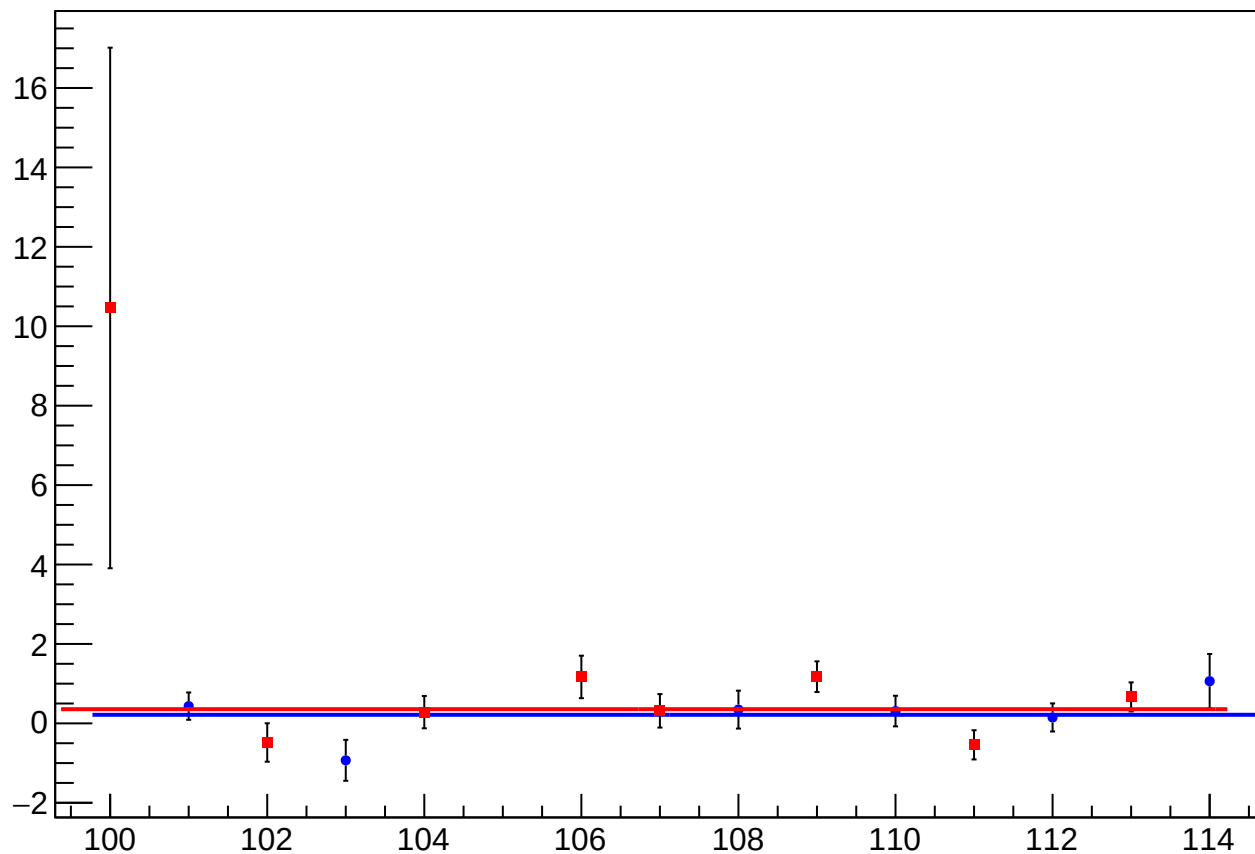
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.442 ± 0.092 χ^2/NDF : 40.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.216 $\pm$ 0.173 χ^2 /NDF: 7.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.357 $\pm$ 0.156 χ^2 /NDF: 18.9/7

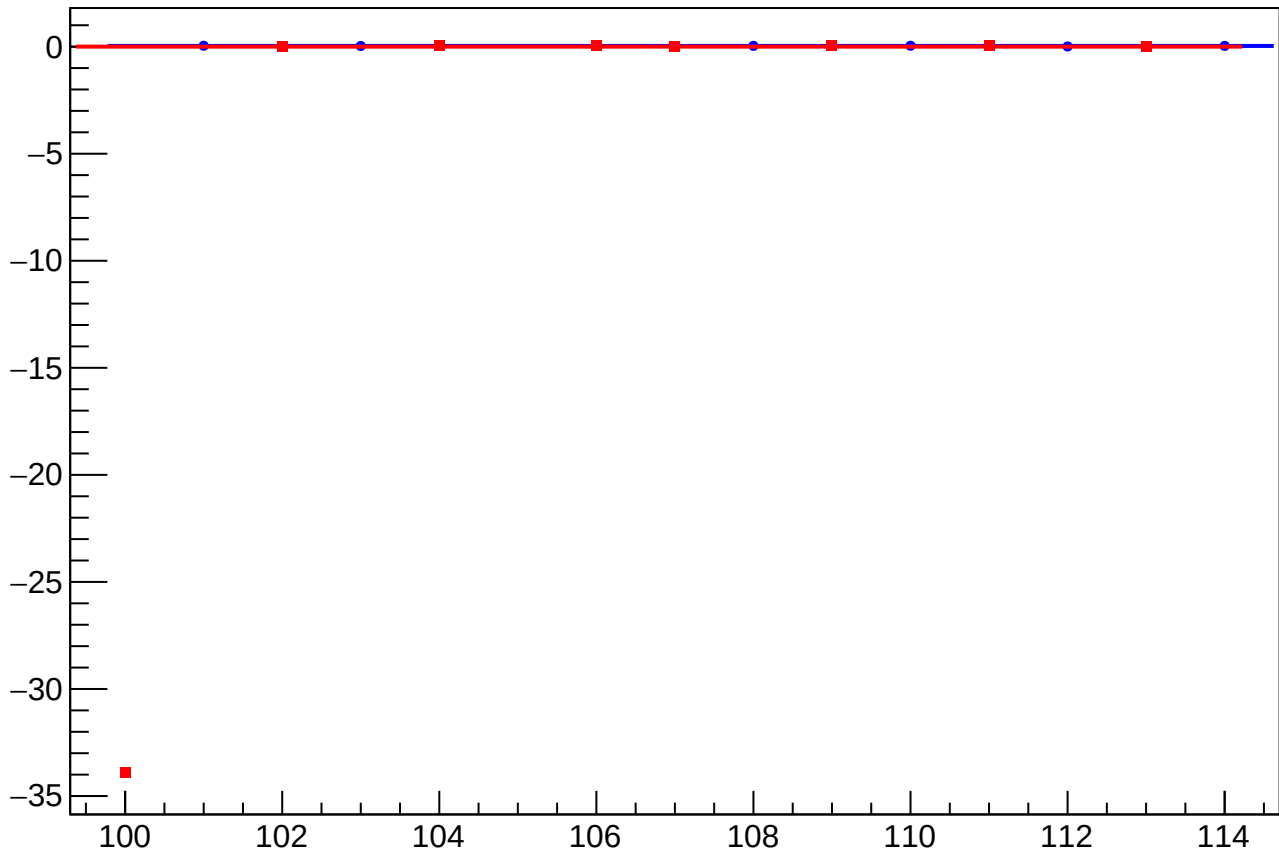
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.294 $\pm$ 0.116 χ^2 /NDF: 26.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.033 $\pm$ 0.008 χ^2 /NDF: 1.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.007 χ^2 /NDF: 22251.2/7

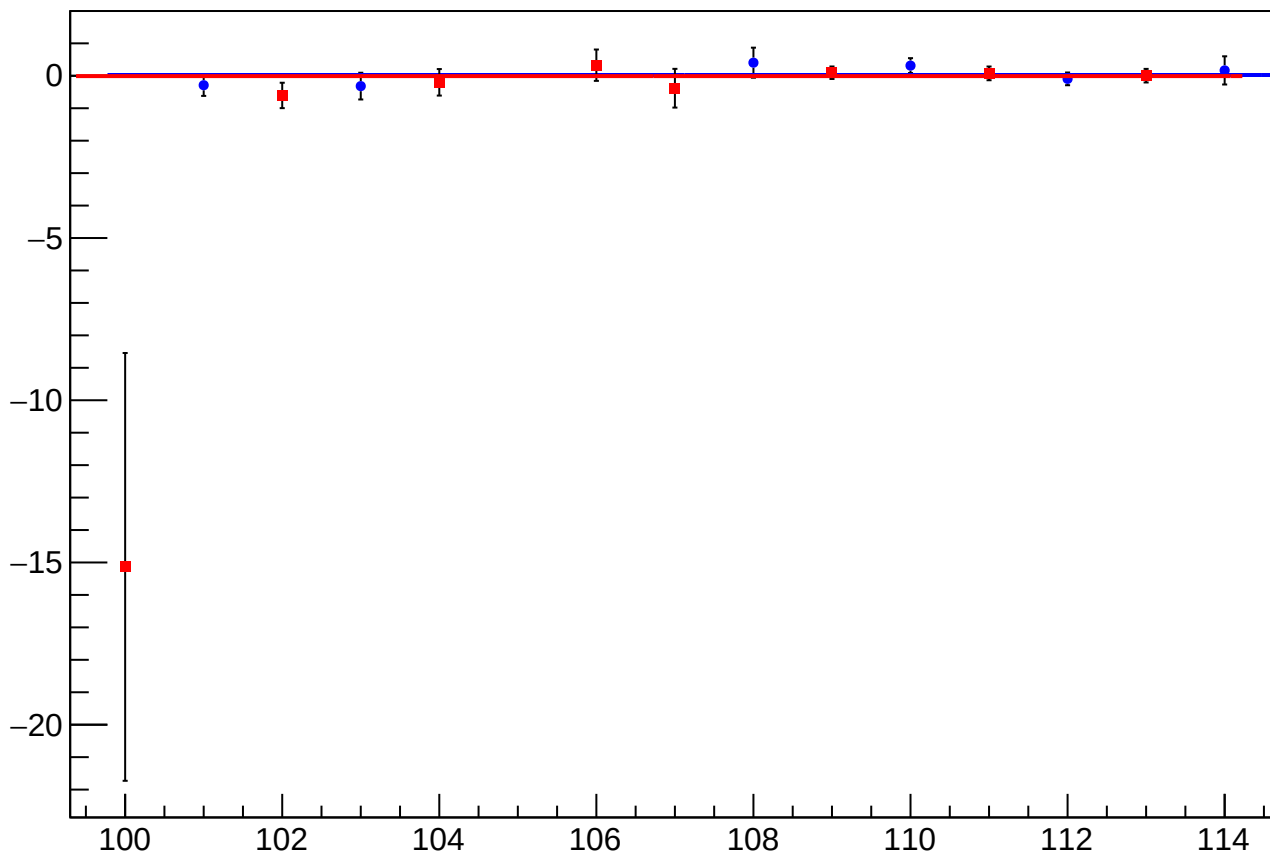
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.005 χ^2 /NDF: 22262.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: 0.025 $\pm$ 0.120 χ^2 /NDF: 4.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.010 $\pm$ 0.104 χ^2 /NDF: 9.1/7

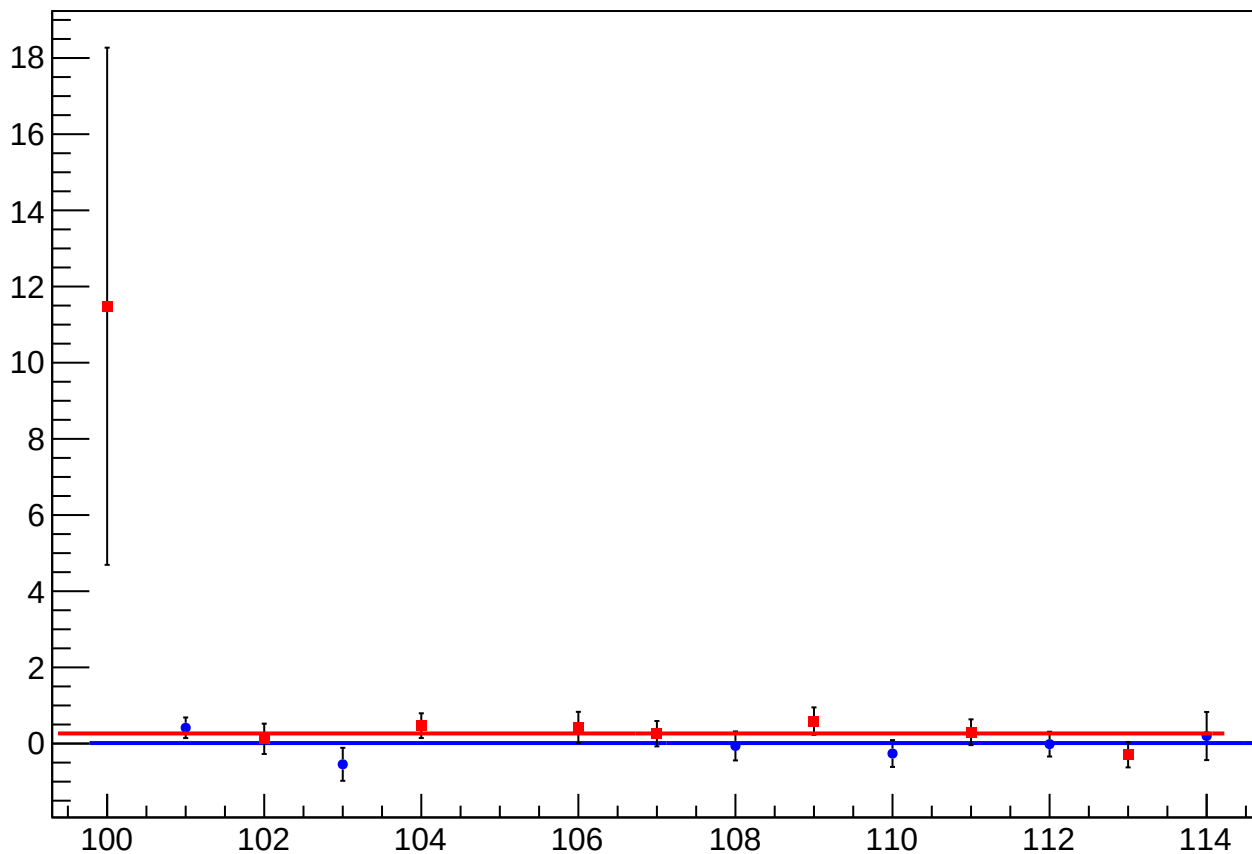
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.079 χ^2 /NDF: 13.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.013 $\pm$ 0.147 χ^2 /NDF: 4.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.265 $\pm$ 0.133 χ^2 /NDF: 7.0/7

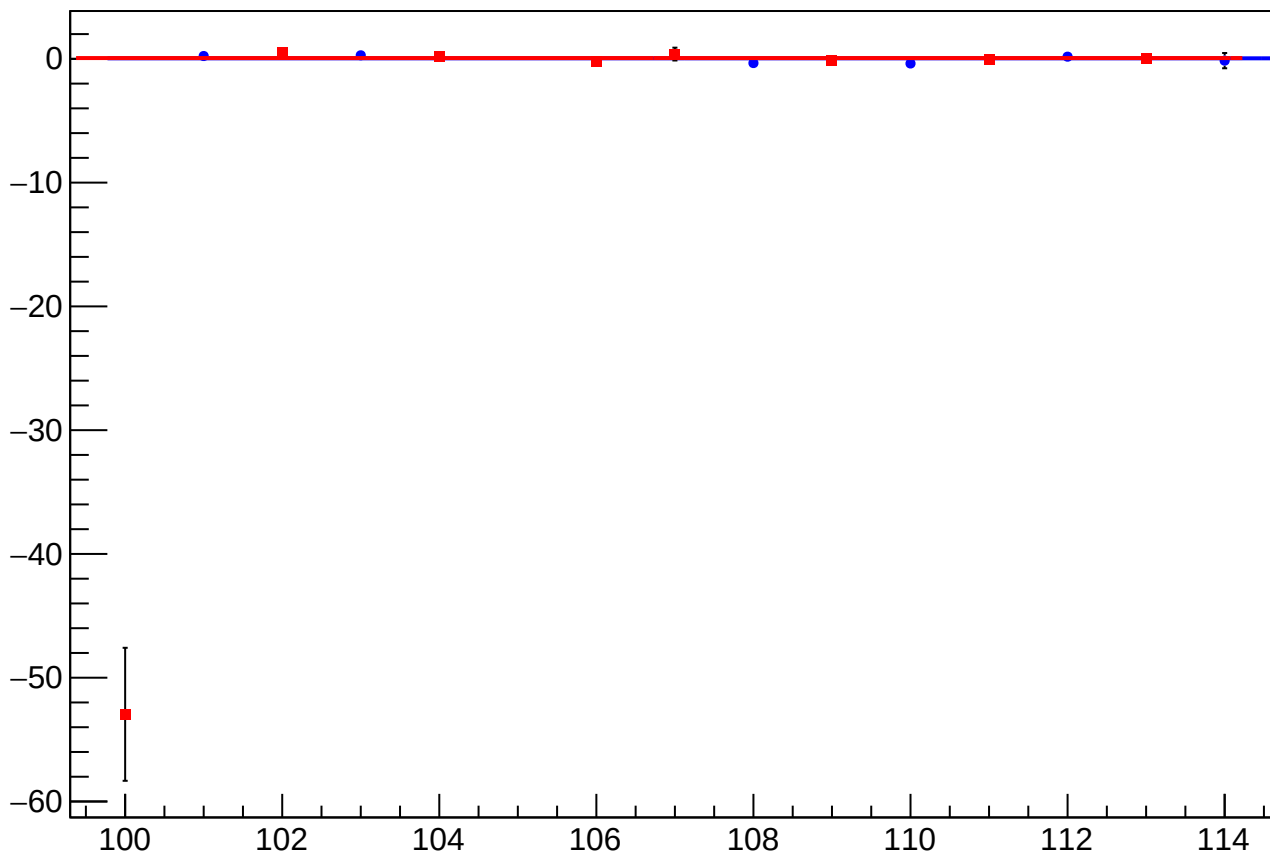
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.152 $\pm$ 0.099 χ^2 /NDF: 13.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.043 $\pm$ 0.135 χ^2 /NDF: 3.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.125 χ^2 /NDF: 100.8/7

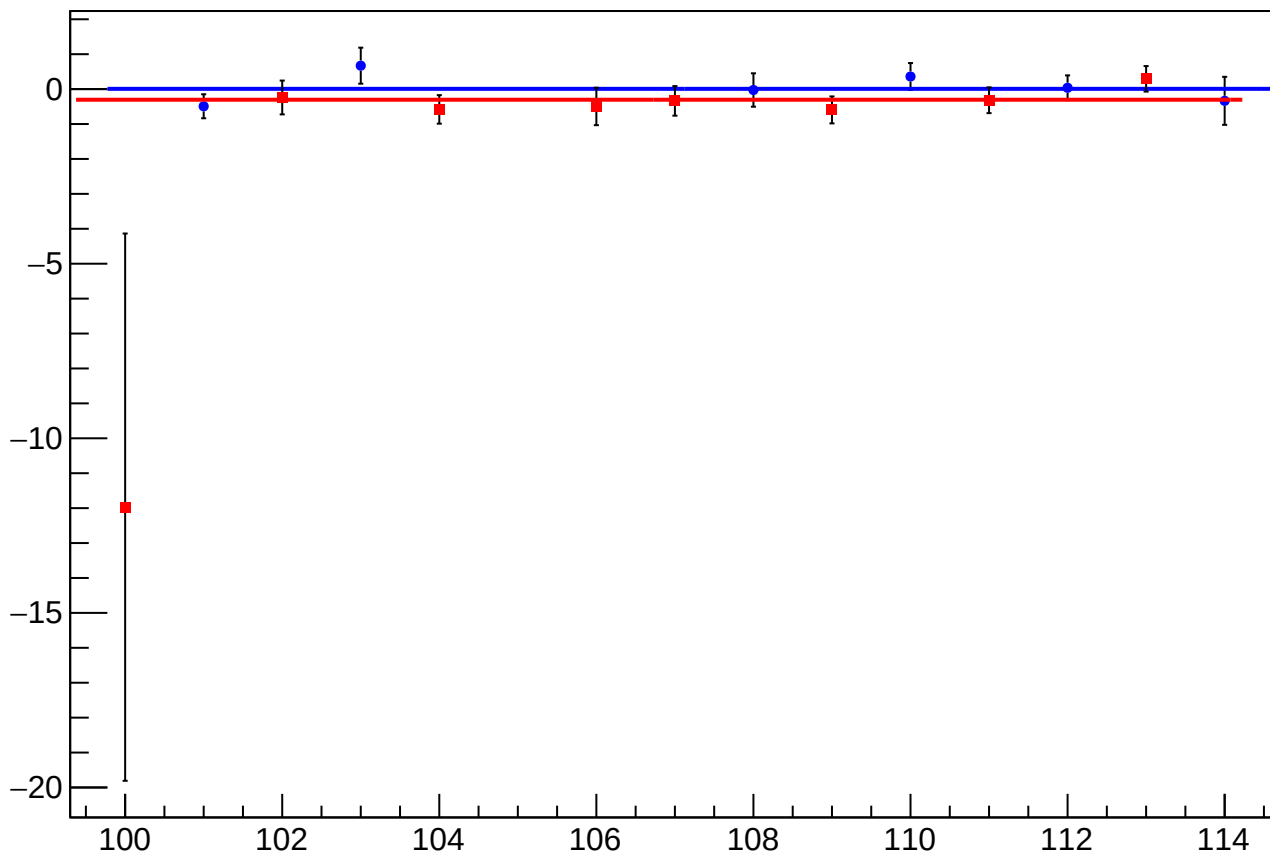
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.054 $\pm$ 0.092 χ^2 /NDF: 104.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.008 ± 0.173 χ^2/NDF : 4.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.304 ± 0.156 χ^2/NDF : 6.1/7

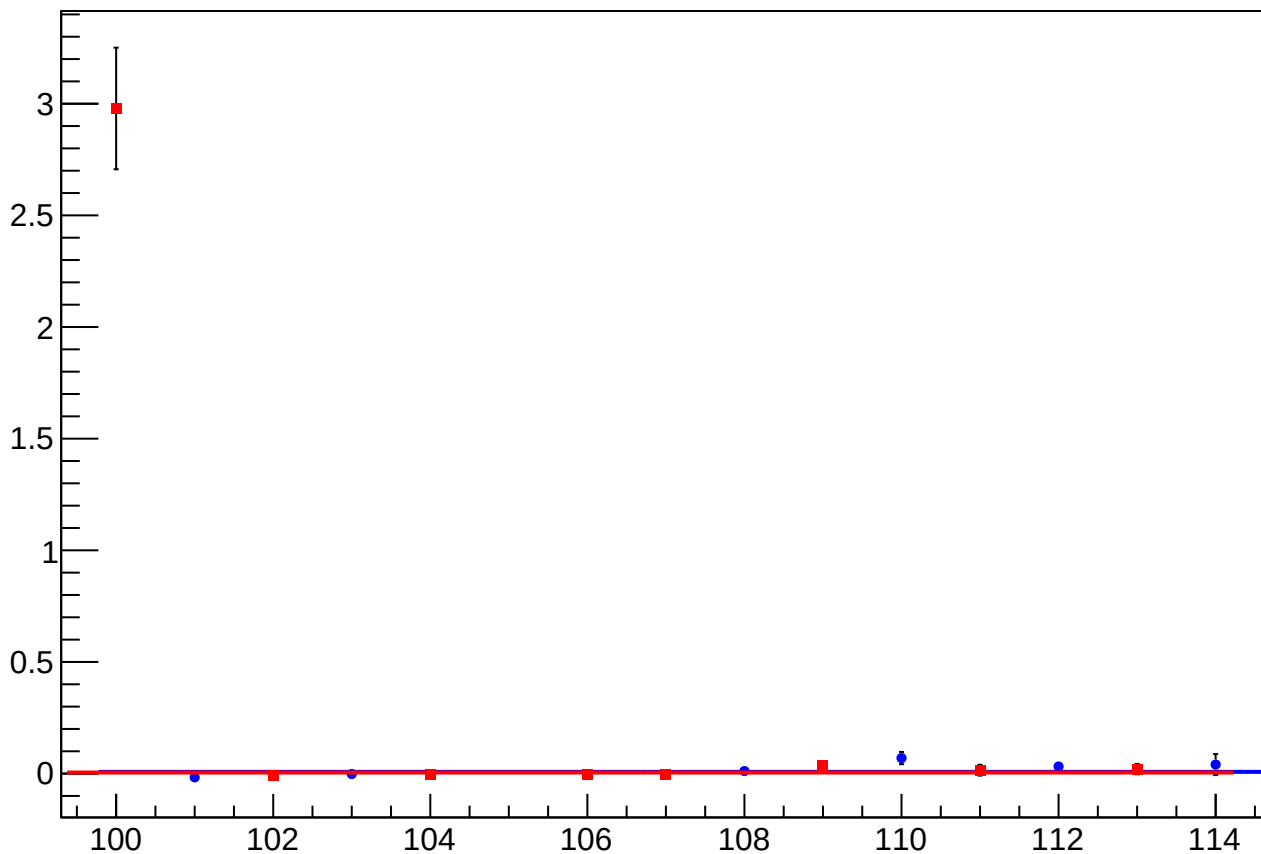
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.164 ± 0.116 χ^2/NDF : 12.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.008 ± 0.008 χ^2/NDF : 9.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.007 χ^2/NDF : 123.8/7

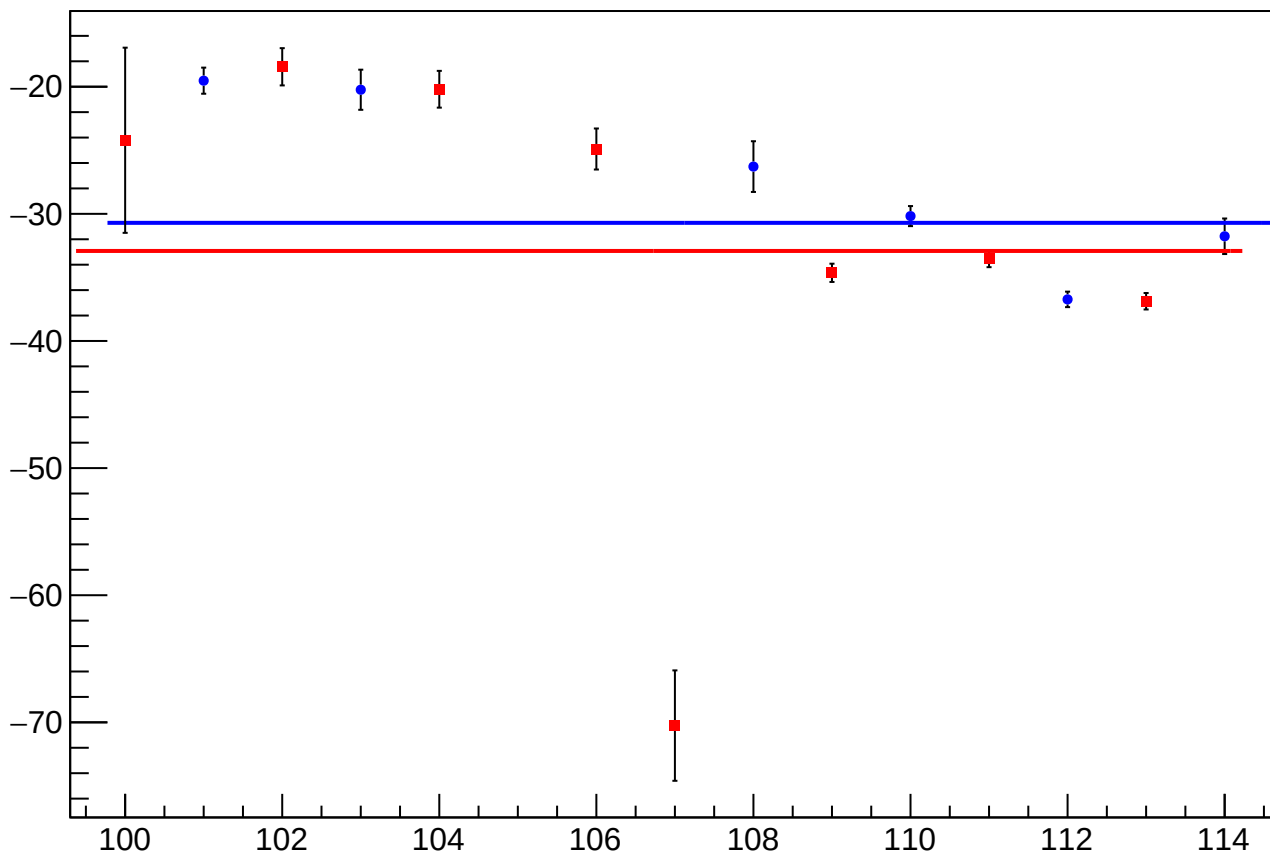
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.005 χ^2/NDF : 133.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -30.708 ± 0.395 χ^2/NDF : 266.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.920 ± 0.355 χ^2/NDF : 319.0/7

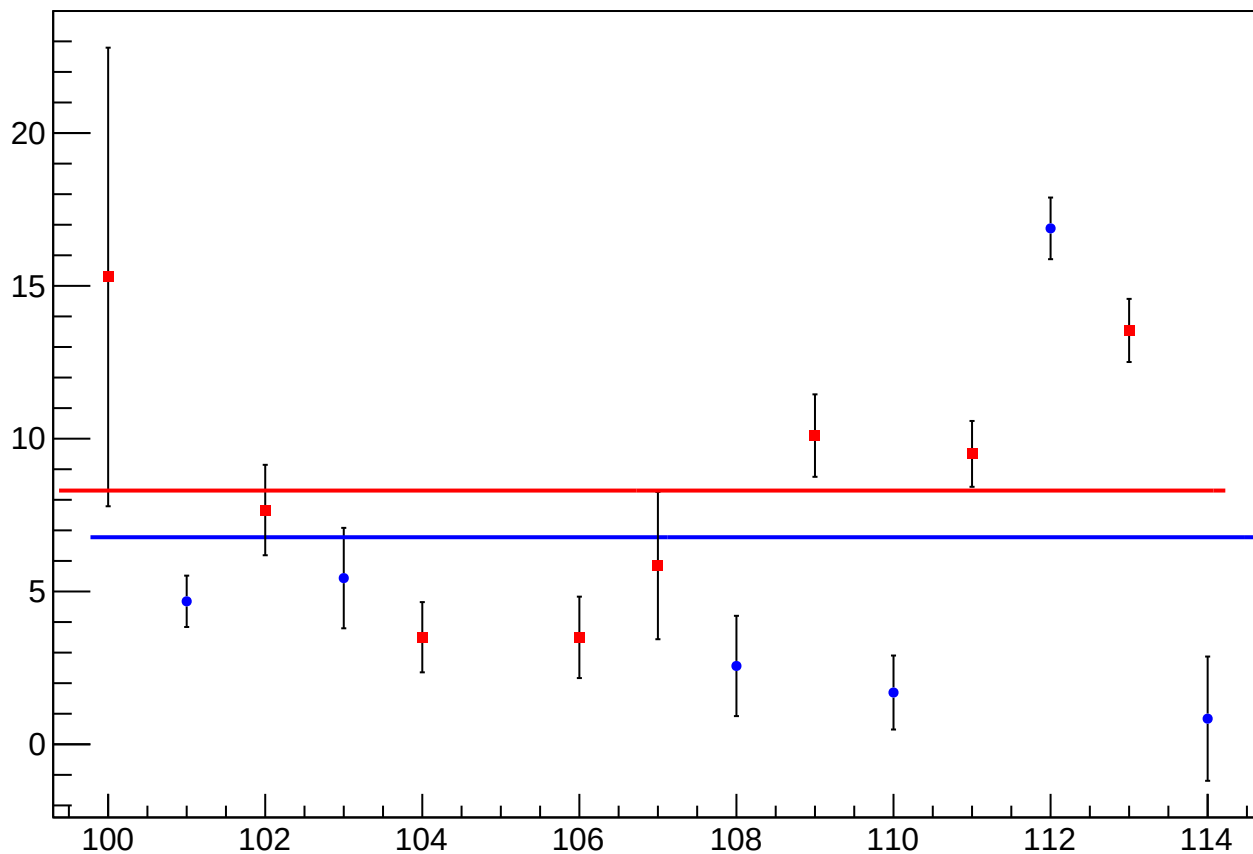
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.930 ± 0.264 χ^2/NDF : 602.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 6.775 $\pm$ 0.496 χ^2 /NDF: 140.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.302 $\pm$ 0.481 χ^2 /NDF: 61.3/7

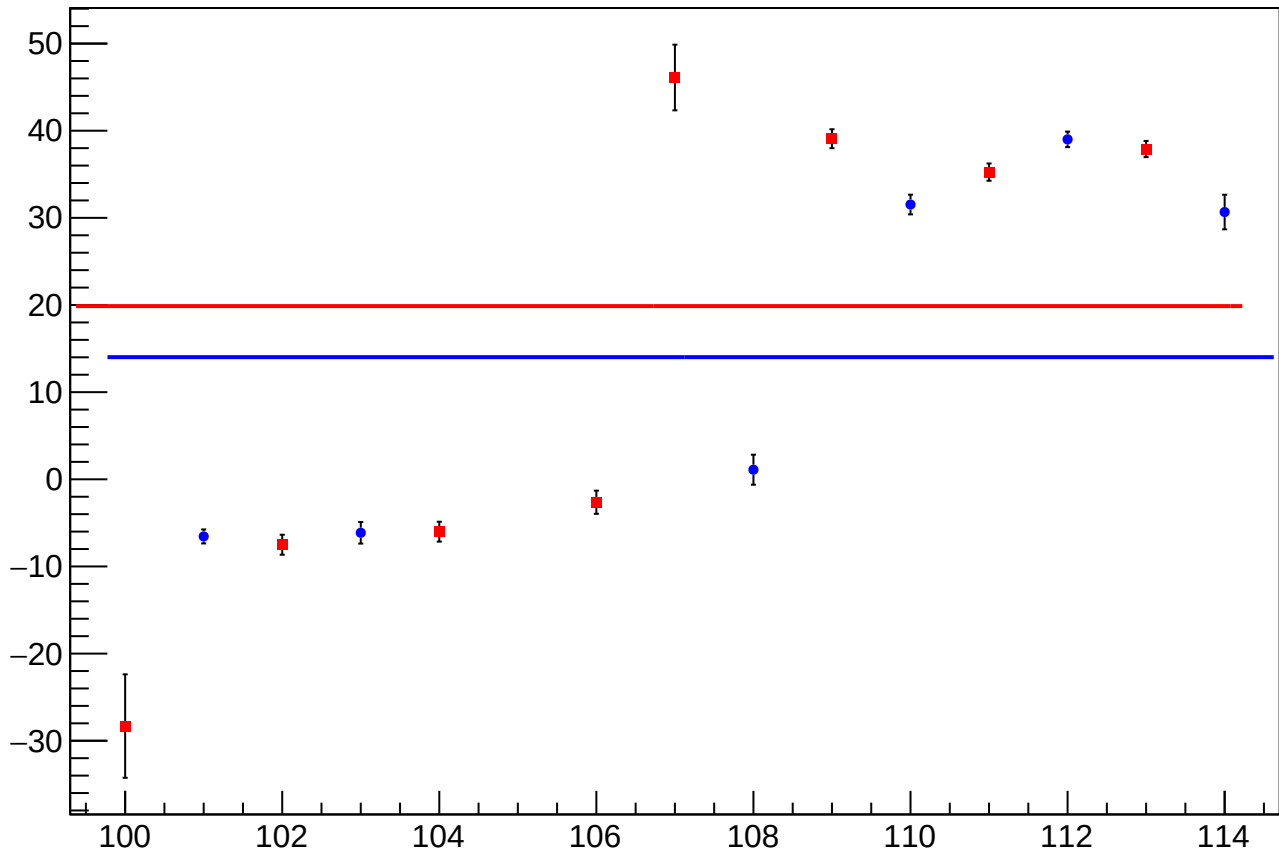
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.562 $\pm$ 0.345 χ^2 /NDF: 206.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 14.017+/-0.455 χ^2/NDF : 2072.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.874+/-0.438 χ^2/NDF : 2416.4/7

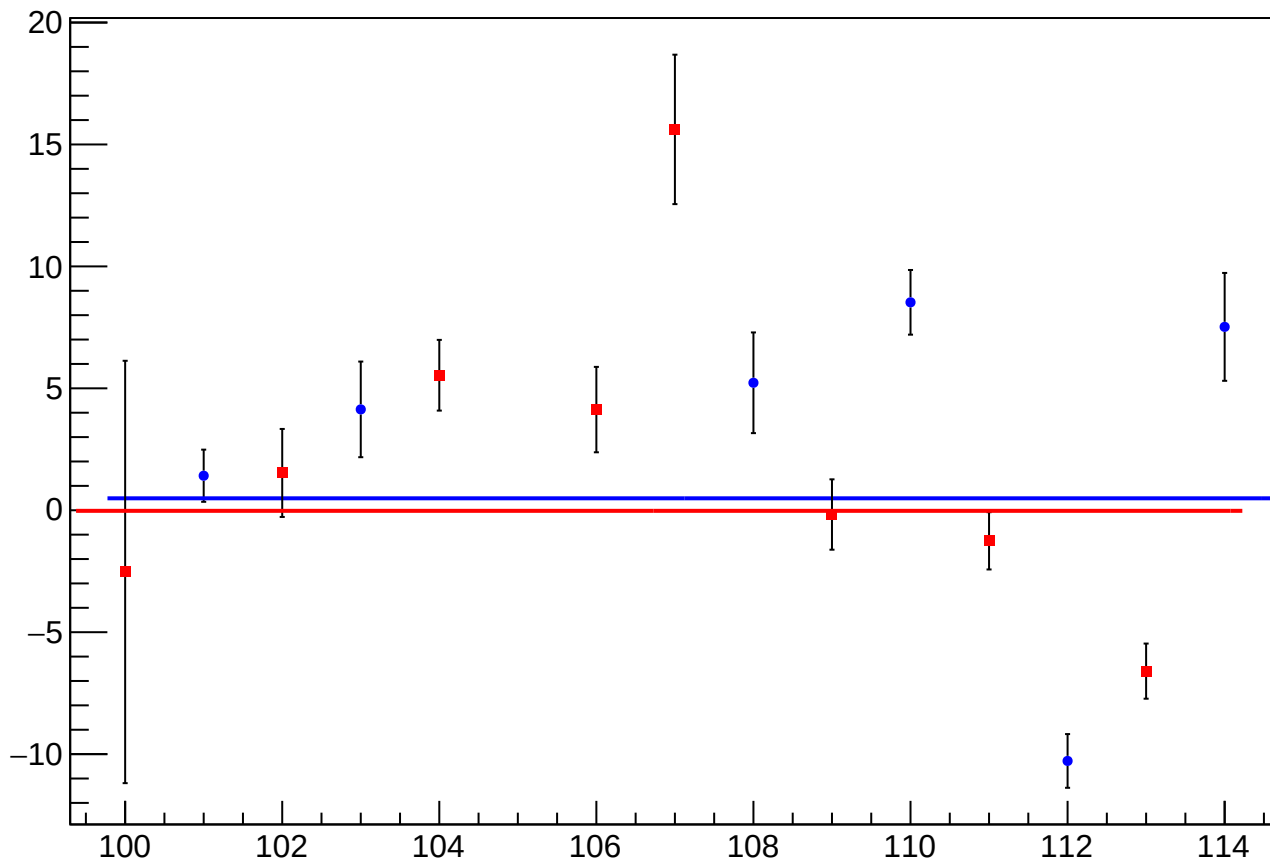
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.059+/-0.315 χ^2/NDF : 4574.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 0.490 $\pm$ 0.581 χ^2 /NDF: 151.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.023 $\pm$ 0.558 χ^2 /NDF: 82.1/7

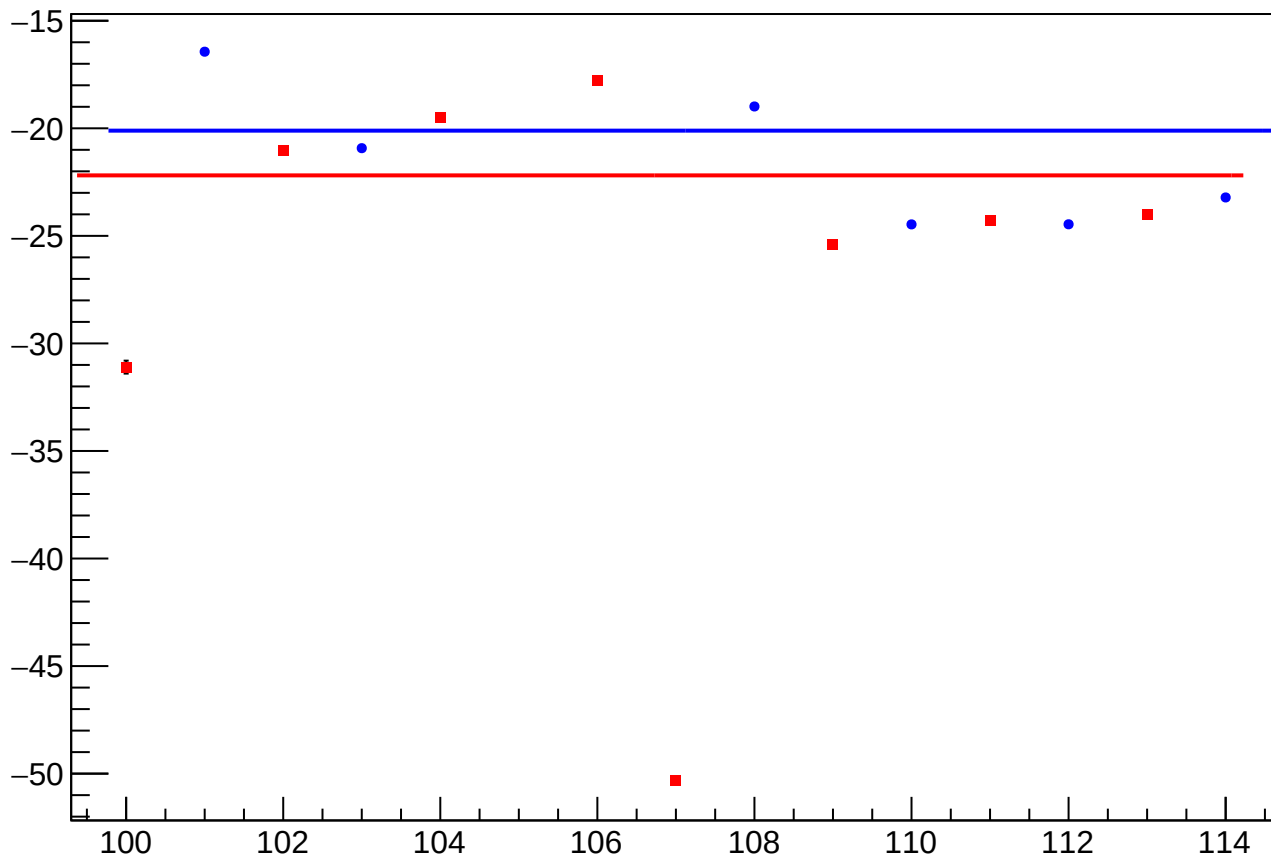
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.223 $\pm$ 0.402 χ^2 /NDF: 234.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -20.108 ± 0.027 $\chi^2/\text{NDF}: 12850.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.188 ± 0.025 $\chi^2/\text{NDF}: 45735.7/7$

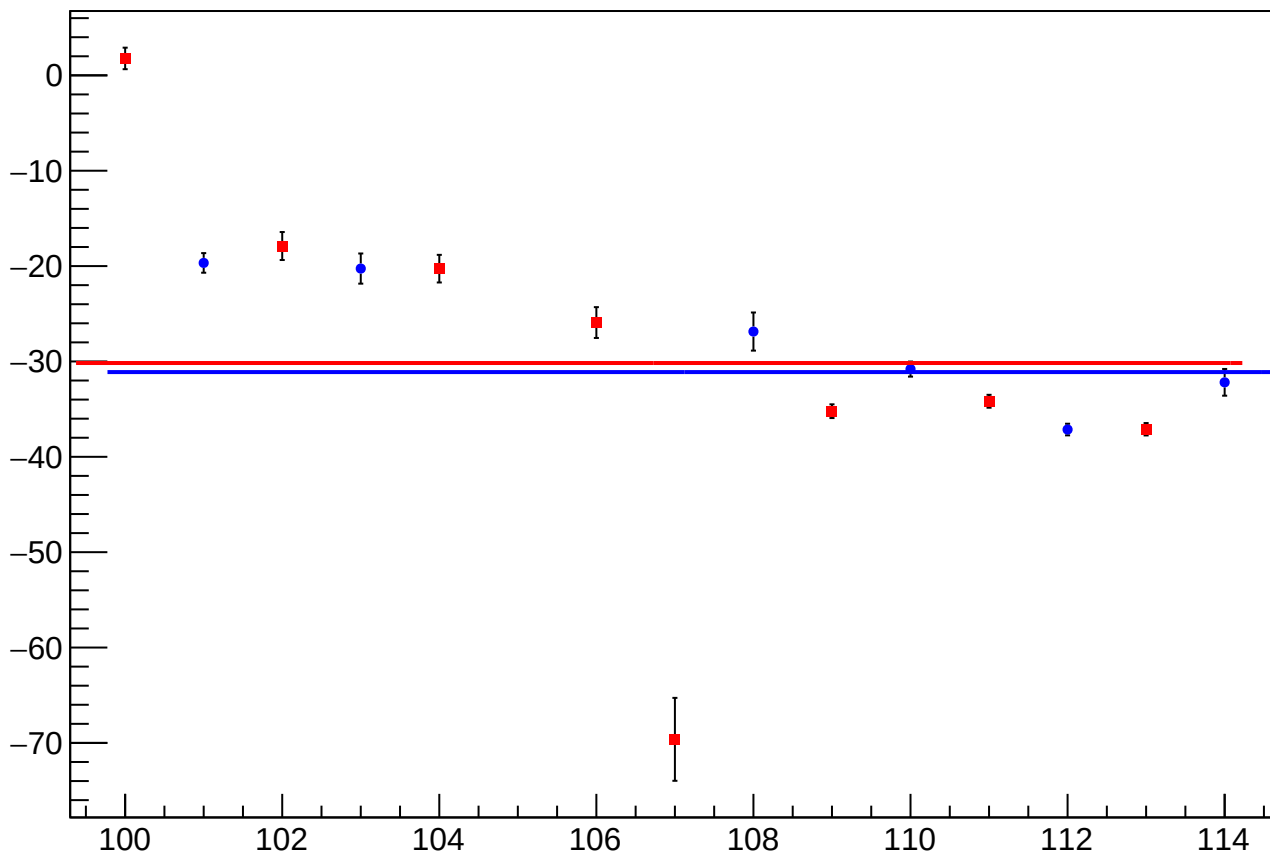
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.216 ± 0.018 $\chi^2/\text{NDF}: 61746.7/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -31.115 ± 0.395 χ^2/NDF : 273.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.164 ± 0.340 χ^2/NDF : 1206.1/7

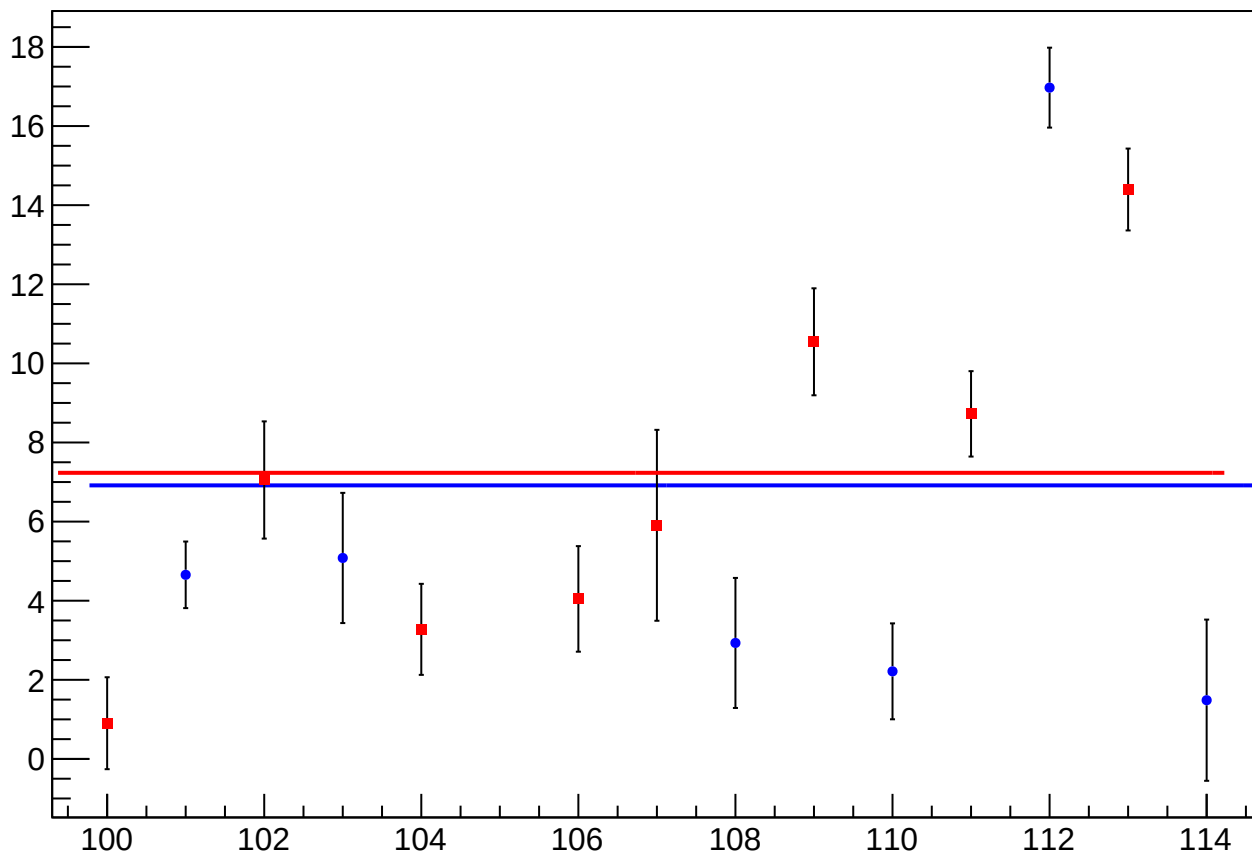
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.568 ± 0.258 χ^2/NDF : 1483.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 6.916+/-0.497 χ^2/NDF : 135.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.233+/-0.446 χ^2/NDF : 103.3/7

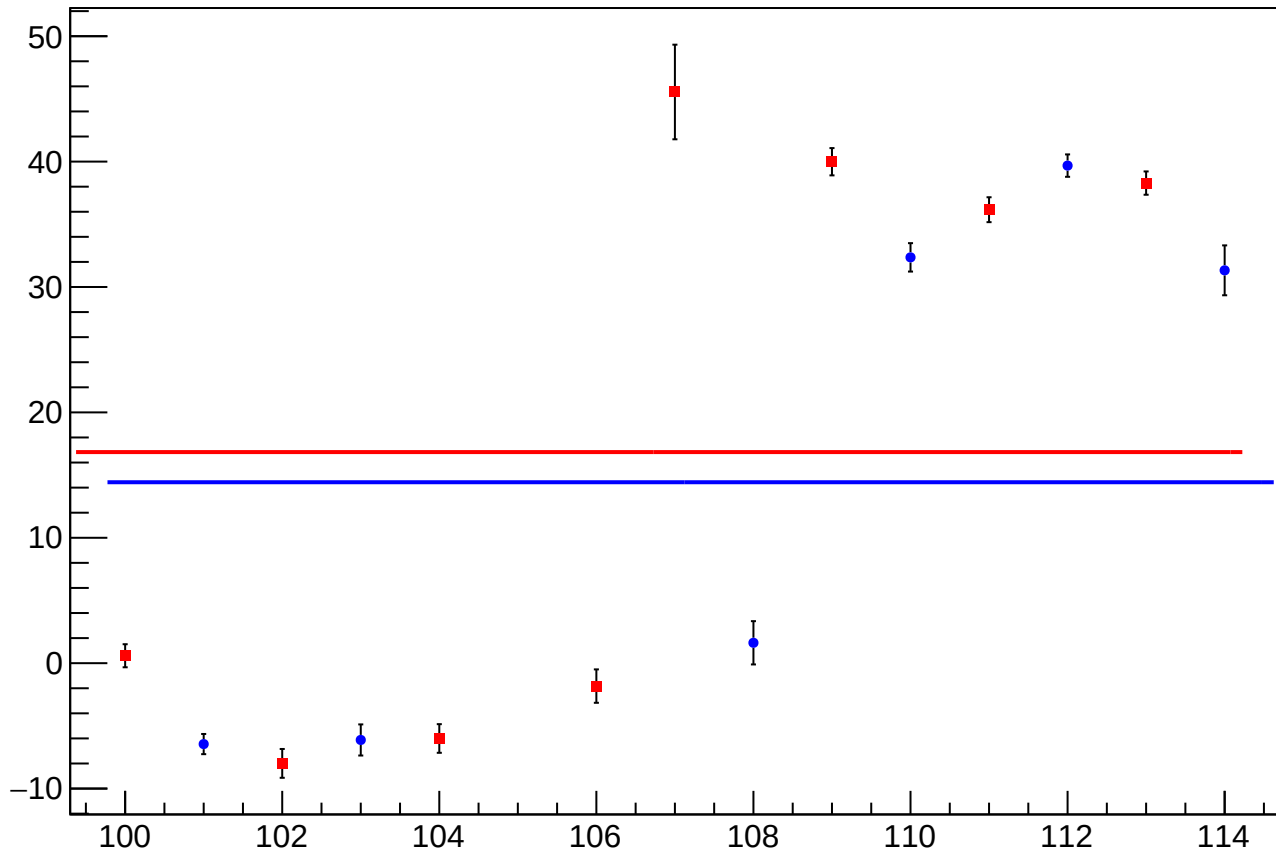
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.091+/-0.332 χ^2/NDF : 239.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 14.429 $\pm$ 0.456 χ^2 /NDF: 2123.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.834 $\pm$ 0.397 χ^2 /NDF: 2797.1/7

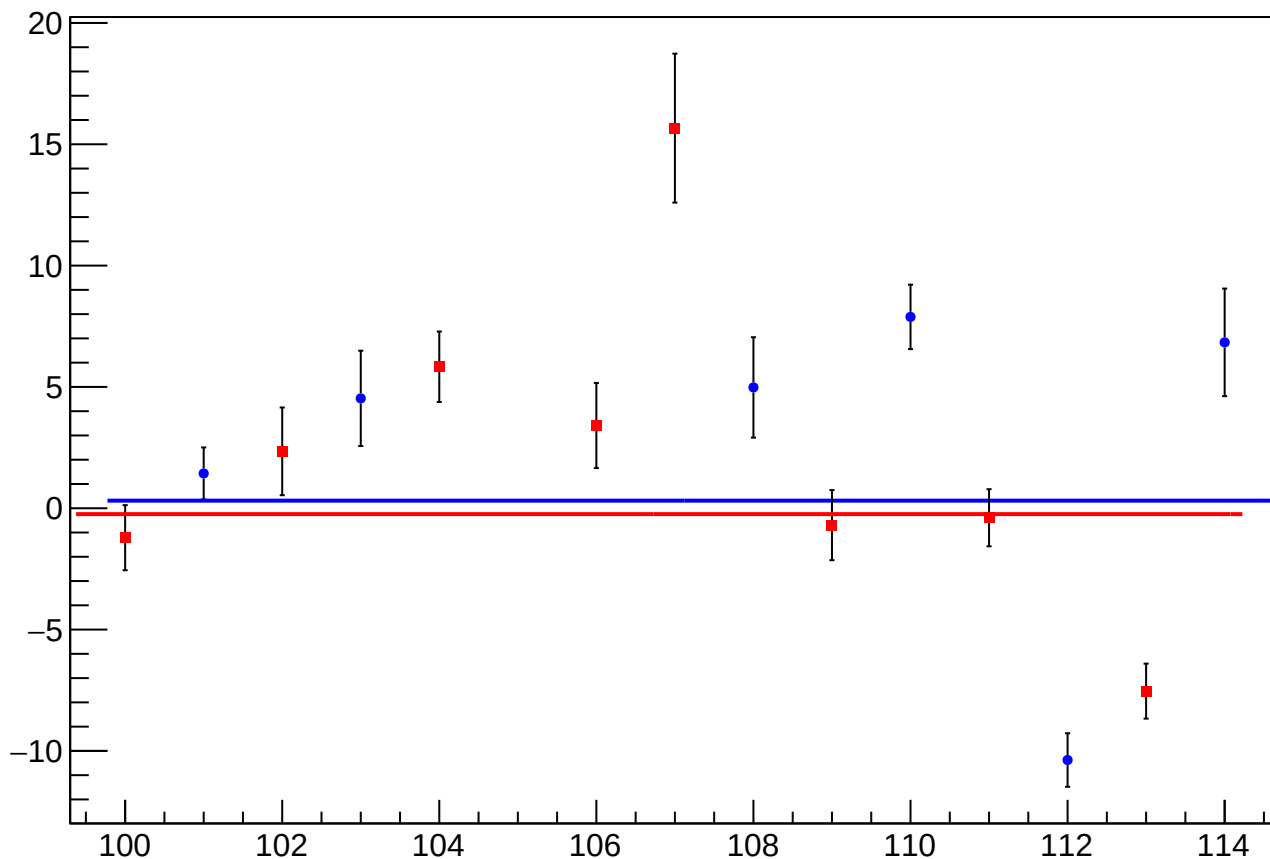
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.798 $\pm$ 0.299 χ^2 /NDF: 4936.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 0.314 $\pm$ 0.582 χ^2 /NDF: 145.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.242 $\pm$ 0.517 χ^2 /NDF: 92.8/7

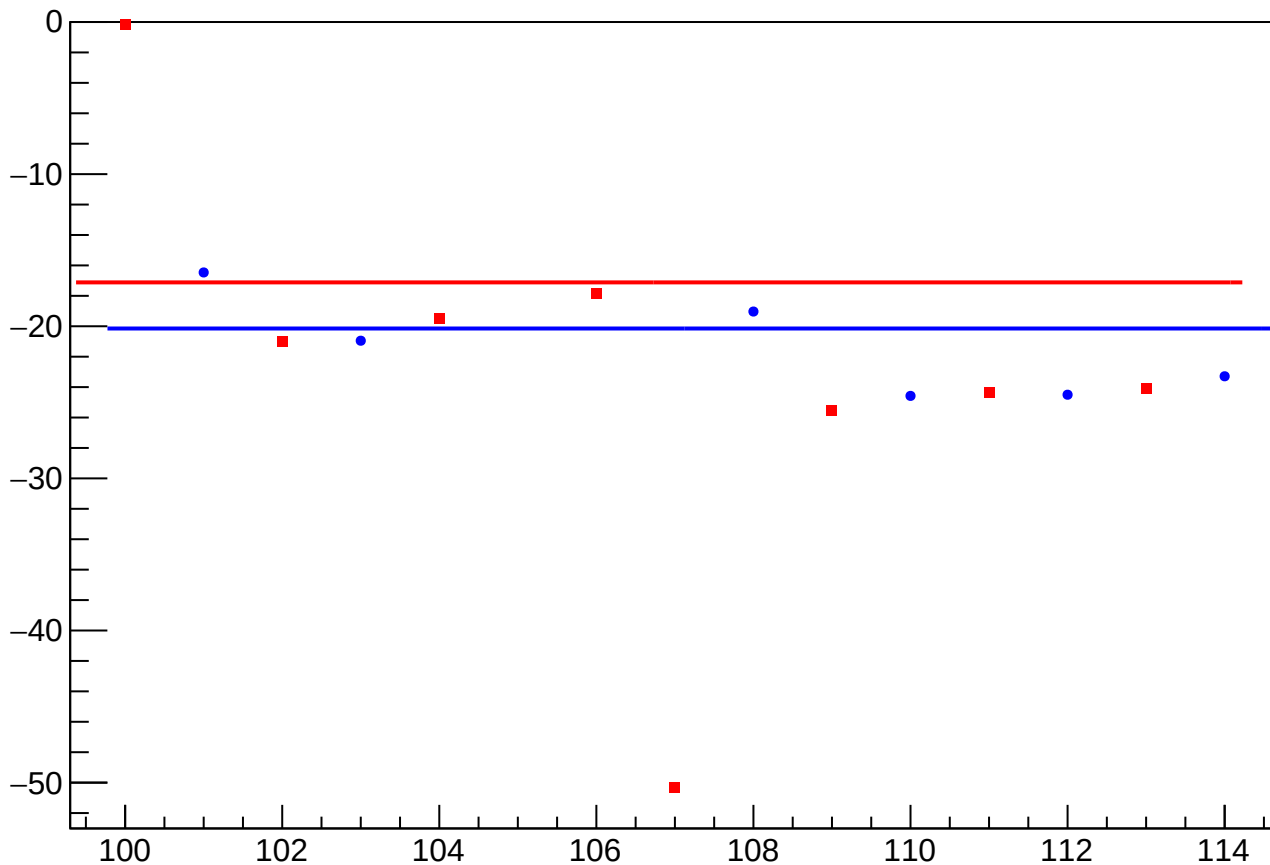
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.386 χ^2 /NDF: 239.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -20.148 $\pm$ 0.027 χ^2 /NDF: 12915.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.116 $\pm$ 0.022 χ^2 /NDF: 216609.0/7

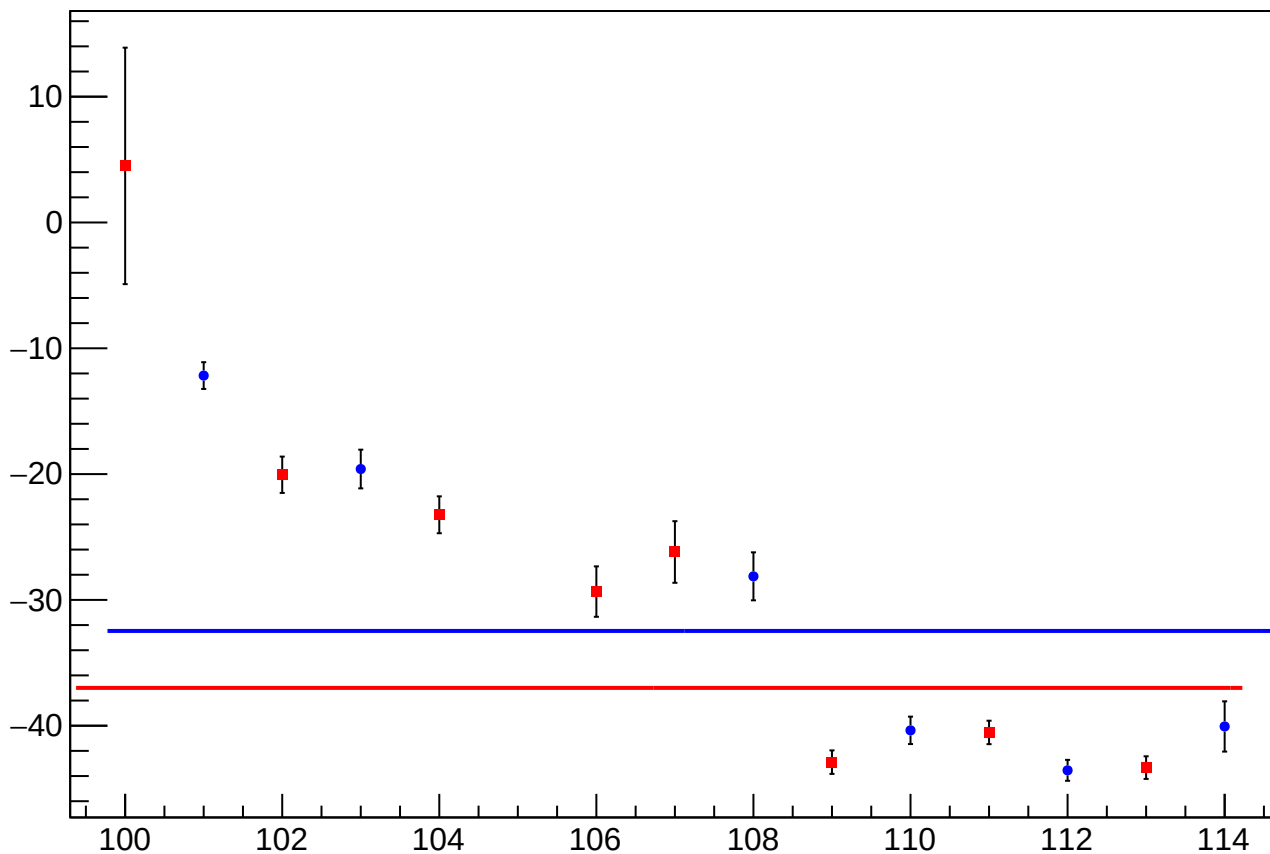
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.344 $\pm$ 0.017 χ^2 /NDF: 236997.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -32.466 $\pm$ 0.493 χ^2 /NDF: 683.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.993 $\pm$ 0.451 χ^2 /NDF: 383.3/7

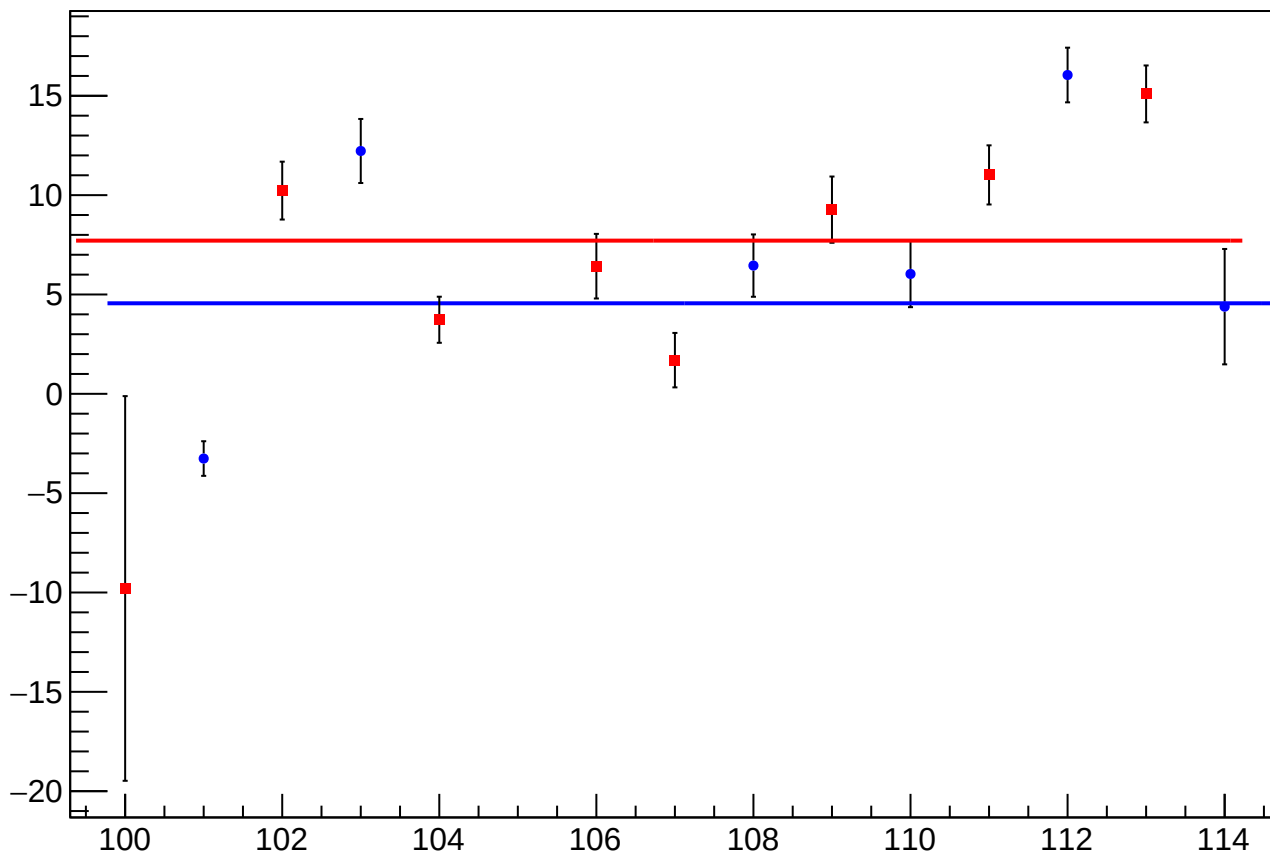
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.928 $\pm$ 0.333 χ^2 /NDF: 1112.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 4.557+/-0.567 χ^2/NDF : 175.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.711+/-0.540 χ^2/NDF : 70.3/7

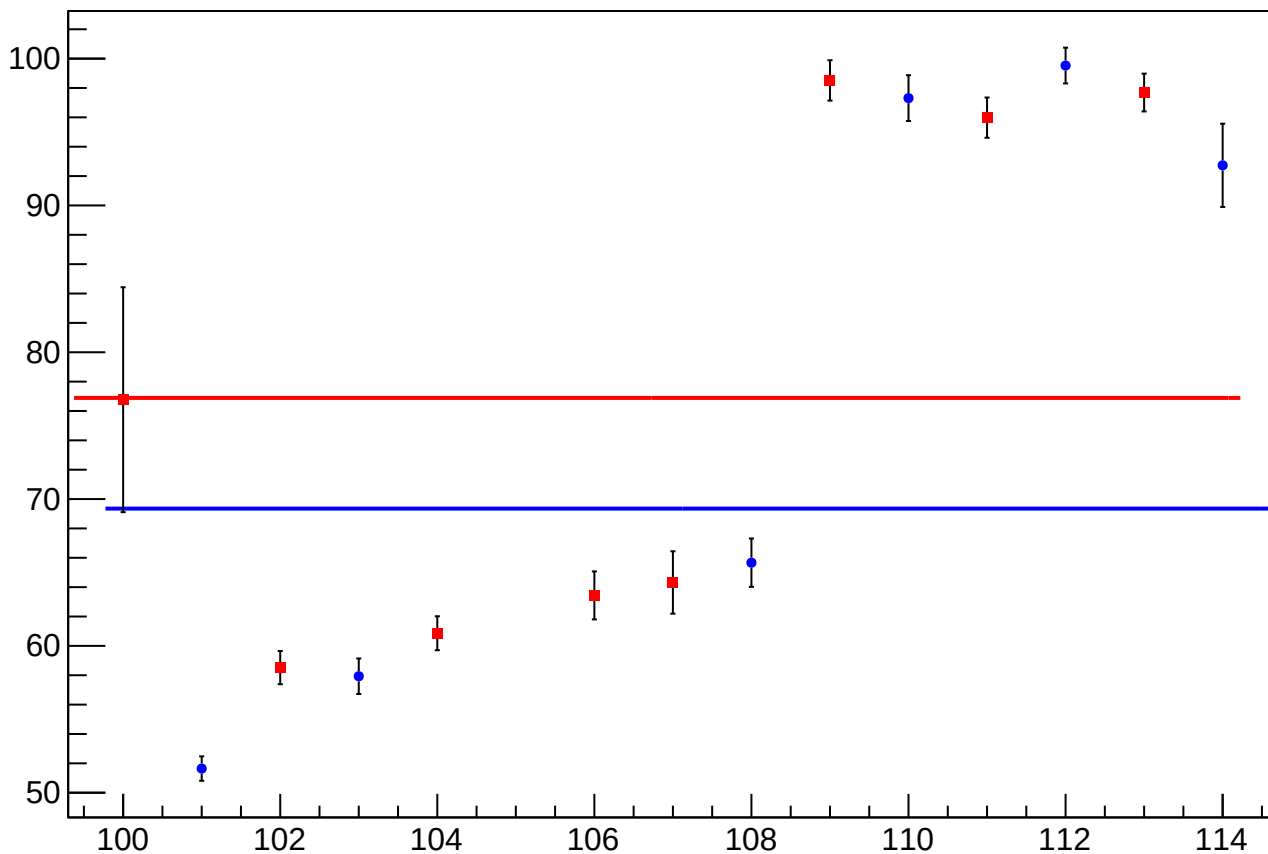
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.211+/-0.391 χ^2/NDF : 261.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 69.351+/-0.520 χ^2/NDF : 1549.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.890+/-0.513 χ^2/NDF : 1261.1/7

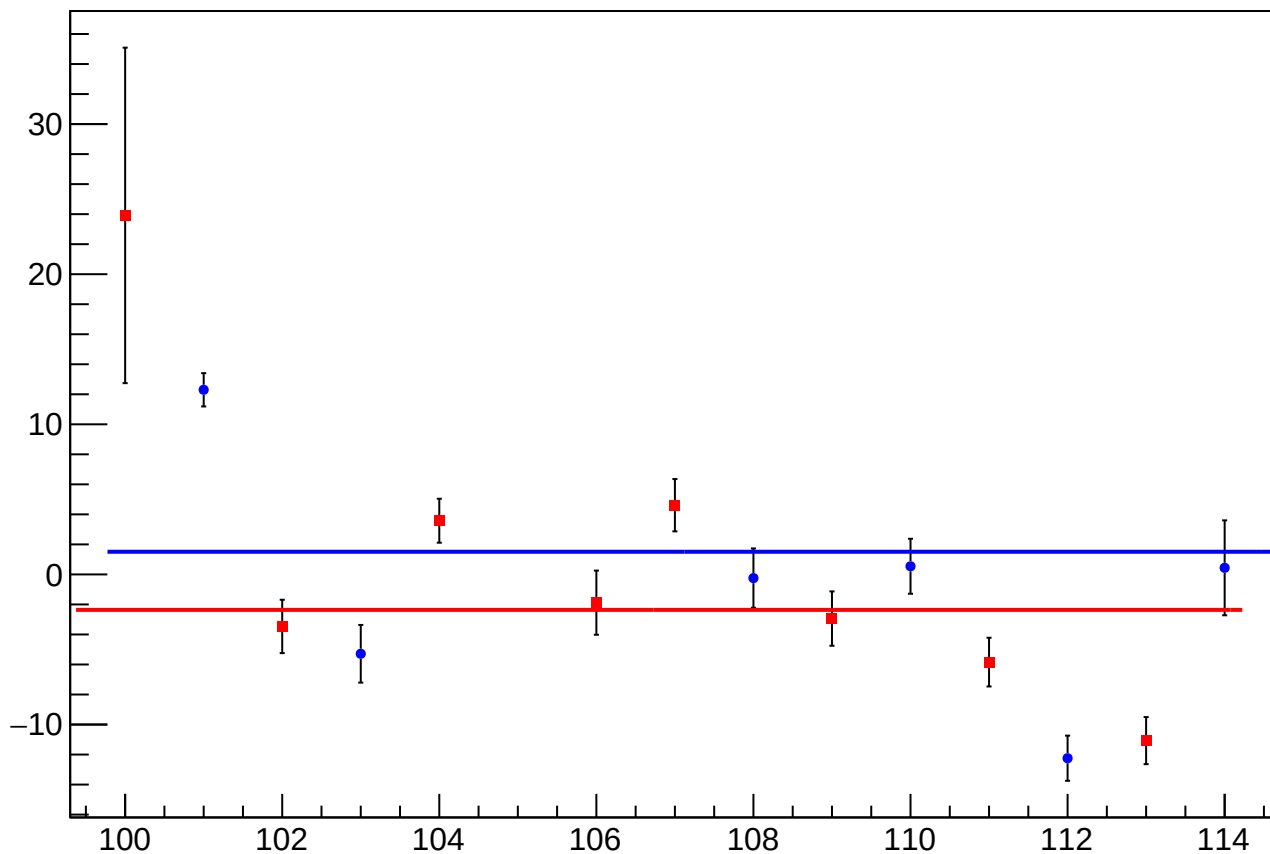
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.172+/-0.365 χ^2/NDF : 2917.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 1.510 $\pm$ 0.677 χ^2 /NDF: 192.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.362 $\pm$ 0.641 χ^2 /NDF: 74.0/7

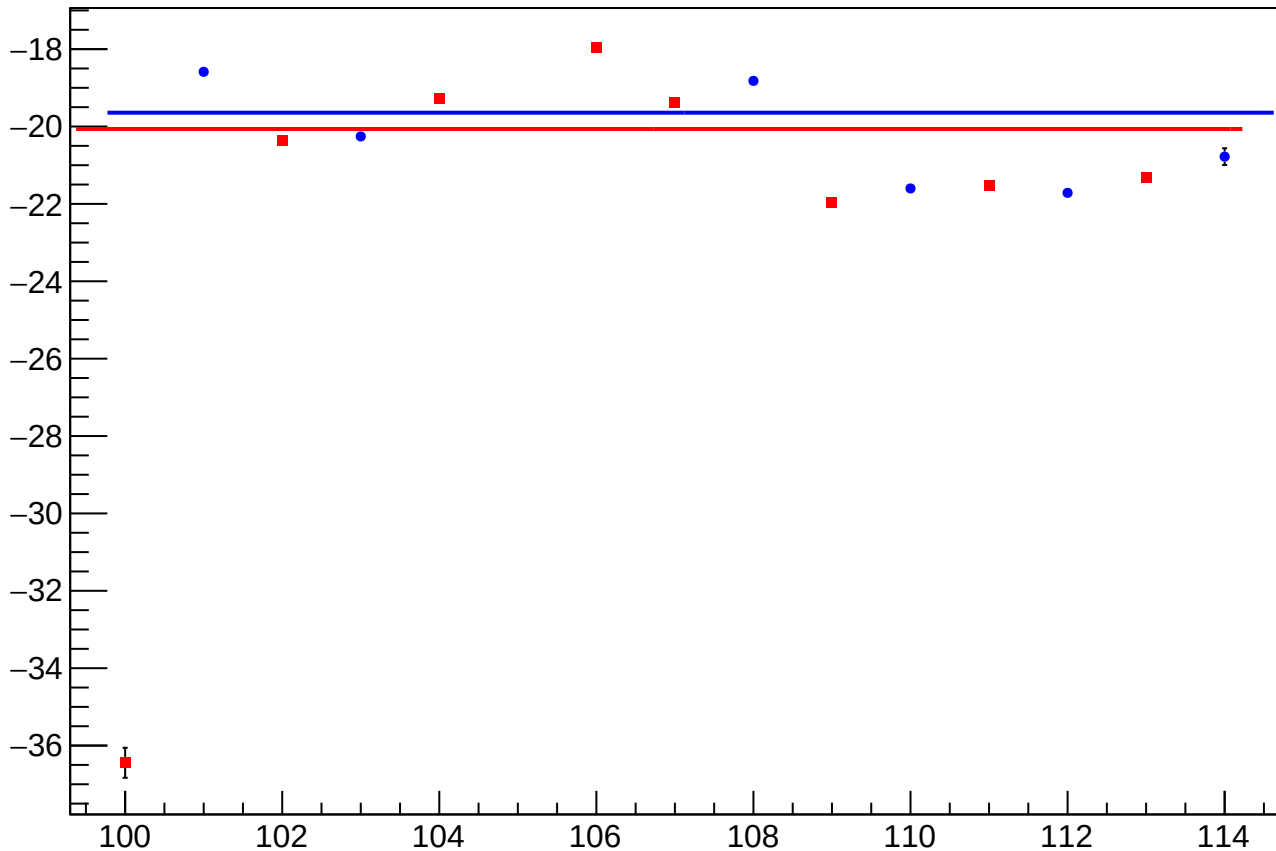
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.531 $\pm$ 0.466 χ^2 /NDF: 283.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.643 ± 0.029 χ^2/NDF : 1477.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.064 ± 0.027 χ^2/NDF : 3569.9/7

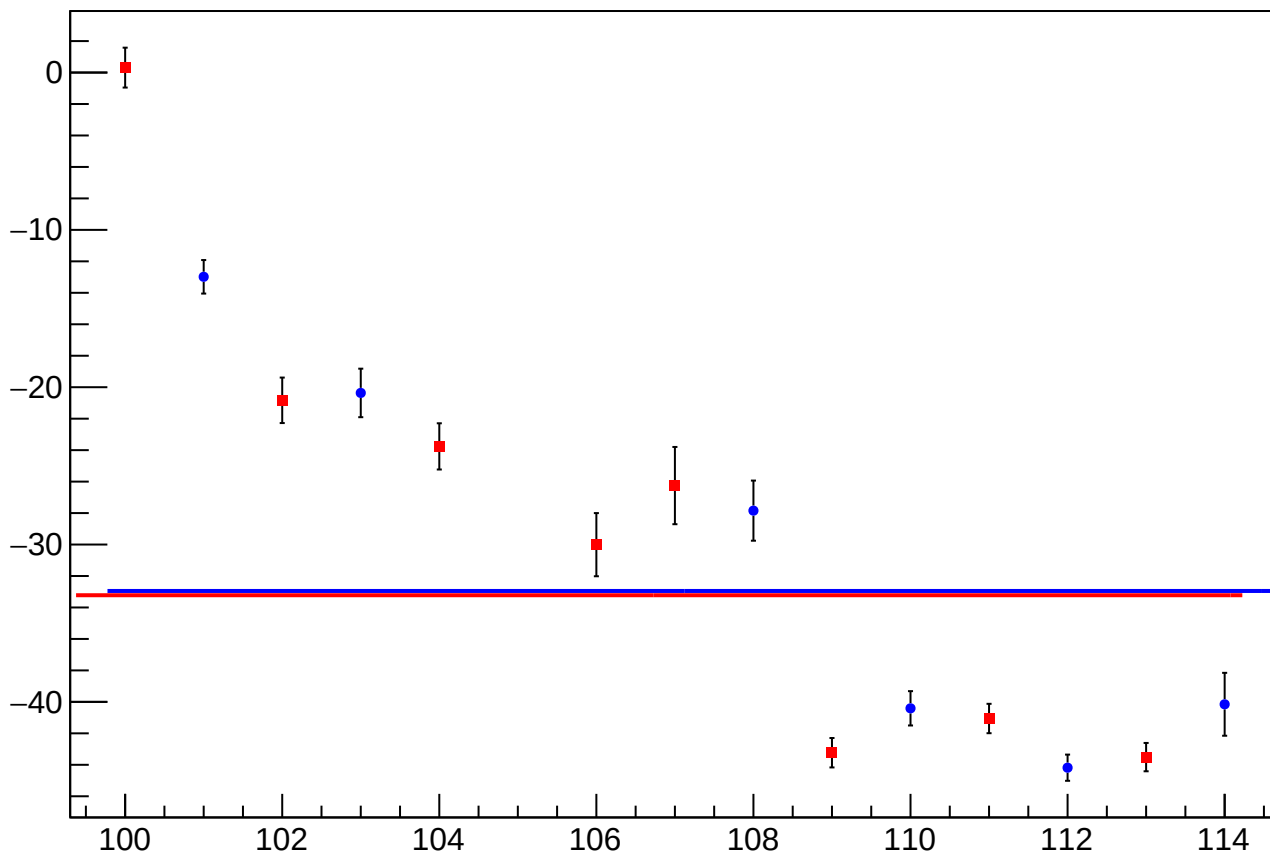
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.864 ± 0.020 χ^2/NDF : 5160.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -32.951 $\pm$ 0.493 χ^2 /NDF: 666.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.222 $\pm$ 0.426 χ^2 /NDF: 1141.0/7

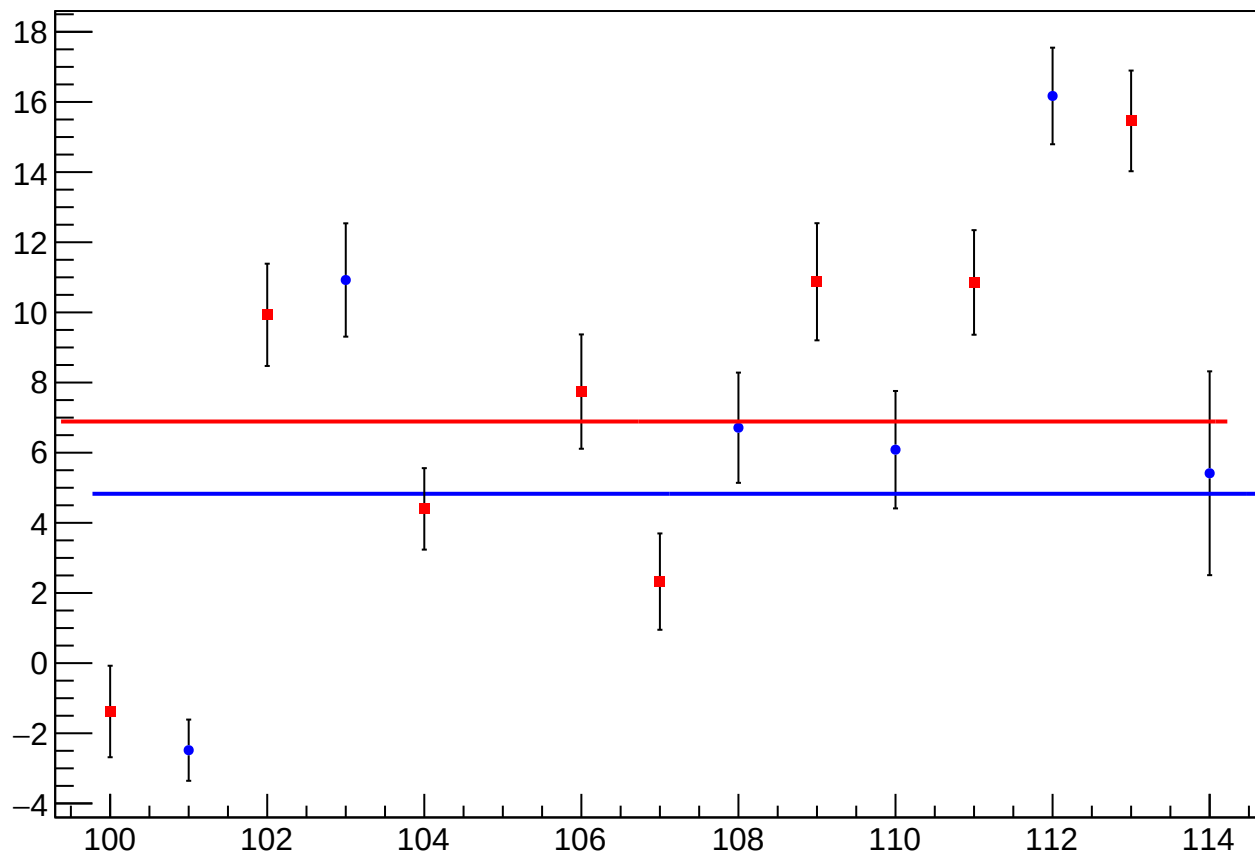
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.106 $\pm$ 0.323 χ^2 /NDF: 1807.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.828 $\pm$ 0.568 χ^2 /NDF: 154.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.889 $\pm$ 0.500 χ^2 /NDF: 108.9/7

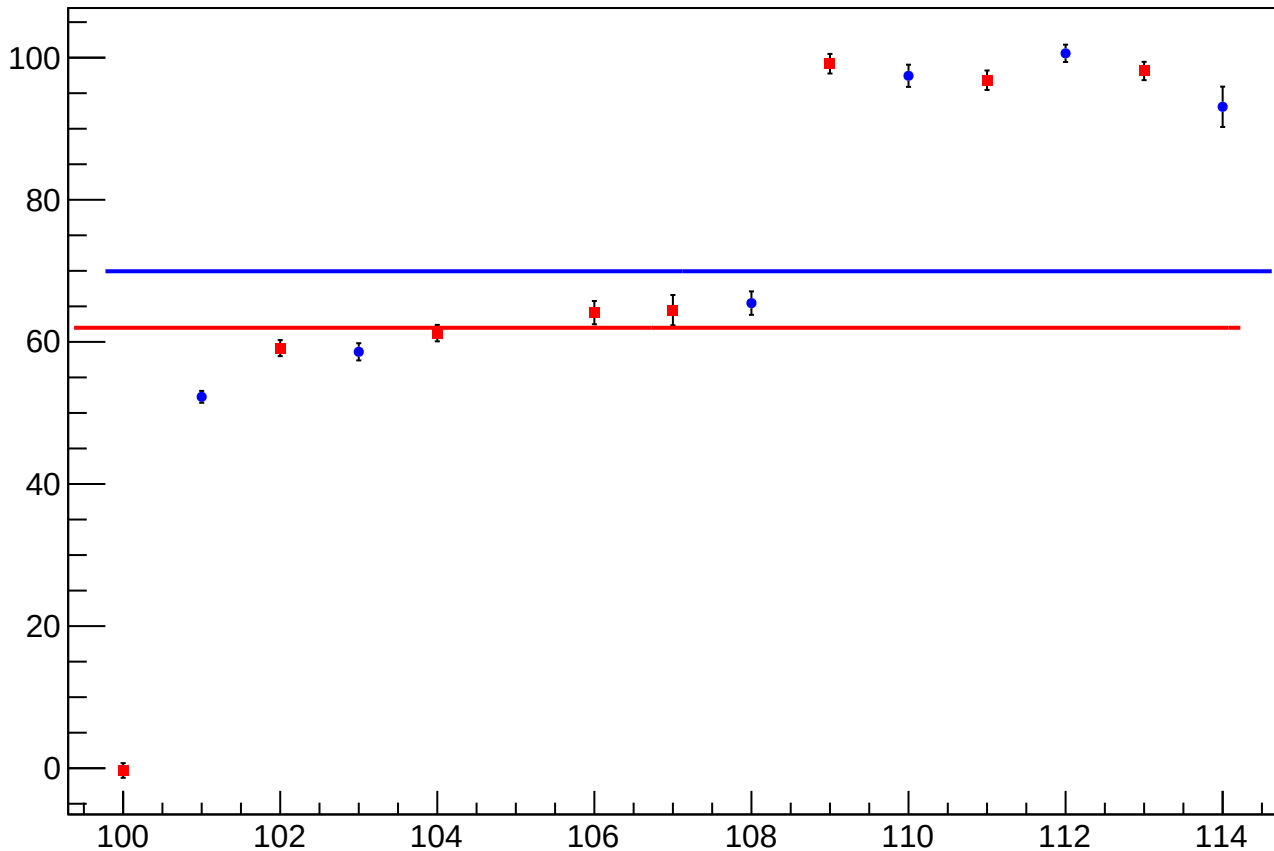
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.989 $\pm$ 0.375 χ^2 /NDF: 270.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 69.941 $\pm$ 0.520 χ^2 /NDF: 1553.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.987 $\pm$ 0.461 χ^2 /NDF: 5803.9/7

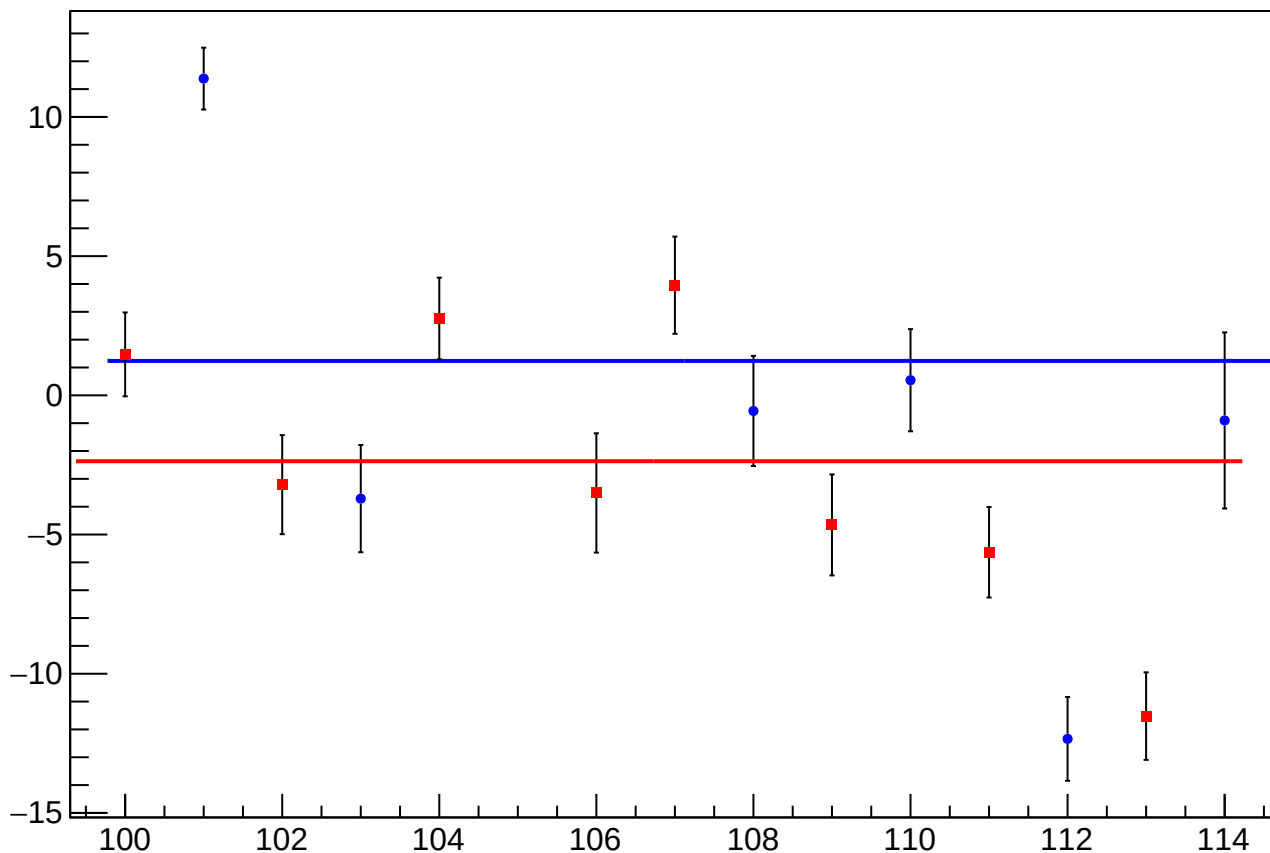
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.481 $\pm$ 0.345 χ^2 /NDF: 7488.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 1.237 $\pm$ 0.678 χ^2 /NDF: 172.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.367 $\pm$ 0.592 χ^2 /NDF: 71.9/7

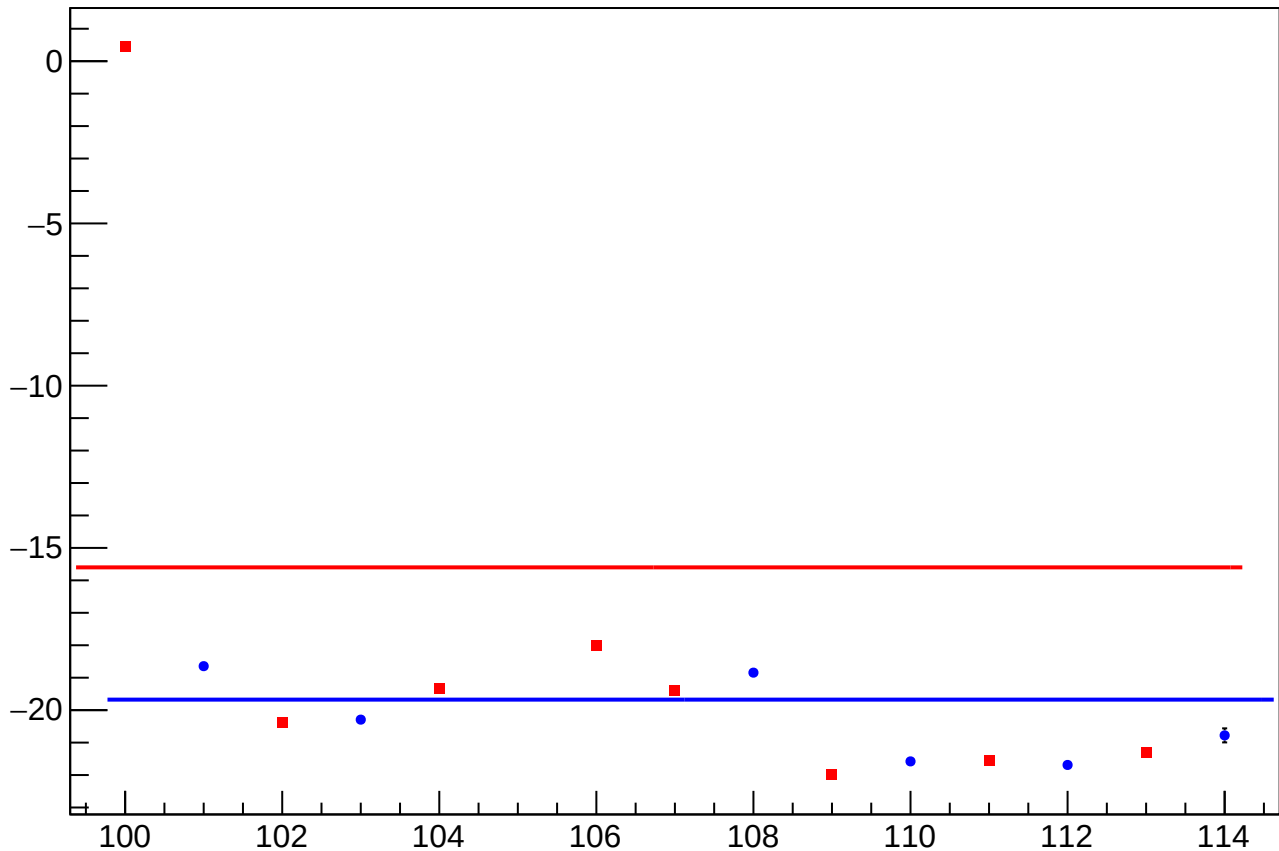
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.809 $\pm$ 0.446 χ^2 /NDF: 260.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.676 $\pm$ 0.029 χ^2 /NDF: 1416.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.600 $\pm$ 0.024 χ^2 /NDF: 121789.9/7

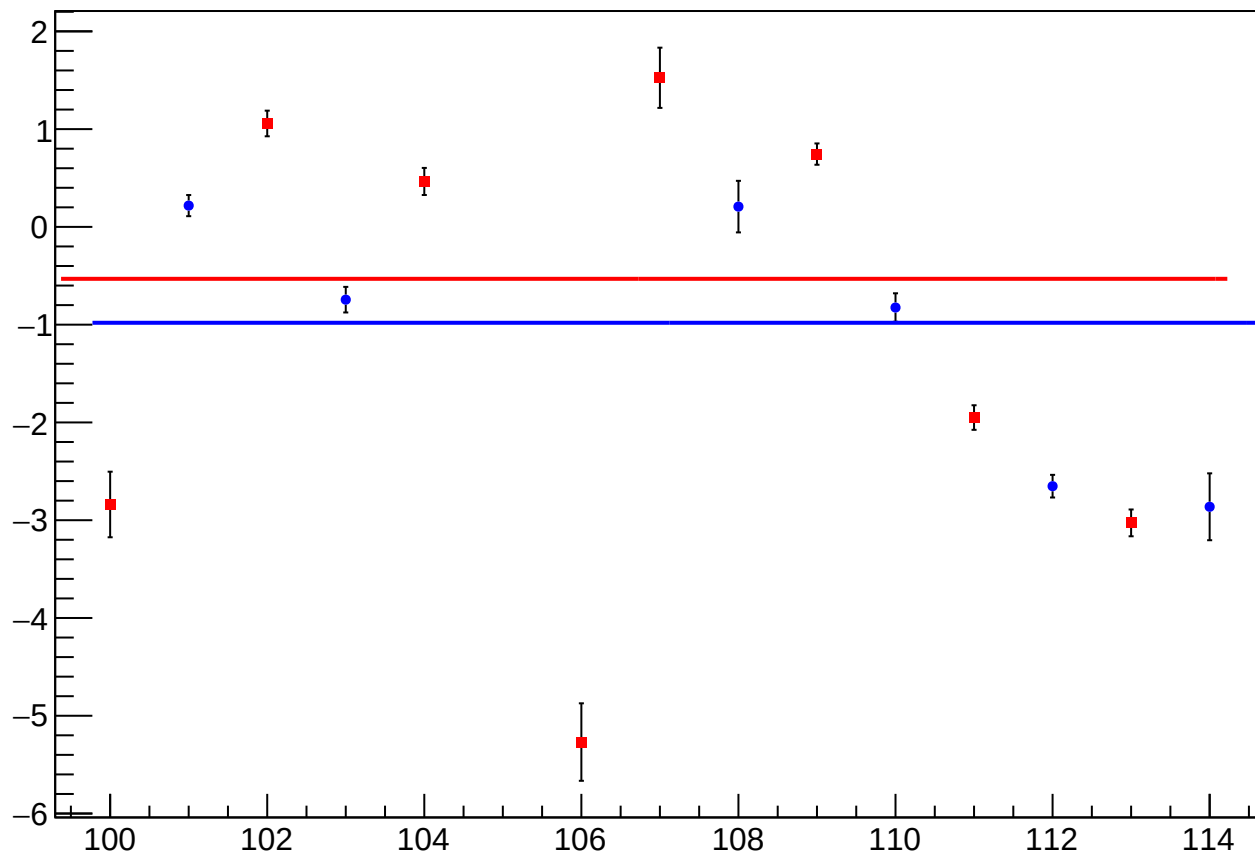
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.294 $\pm$ 0.019 χ^2 /NDF: 134905.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -0.981 ± 0.059 χ^2/NDF : 386.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.531 ± 0.054 χ^2/NDF : 1029.7/7

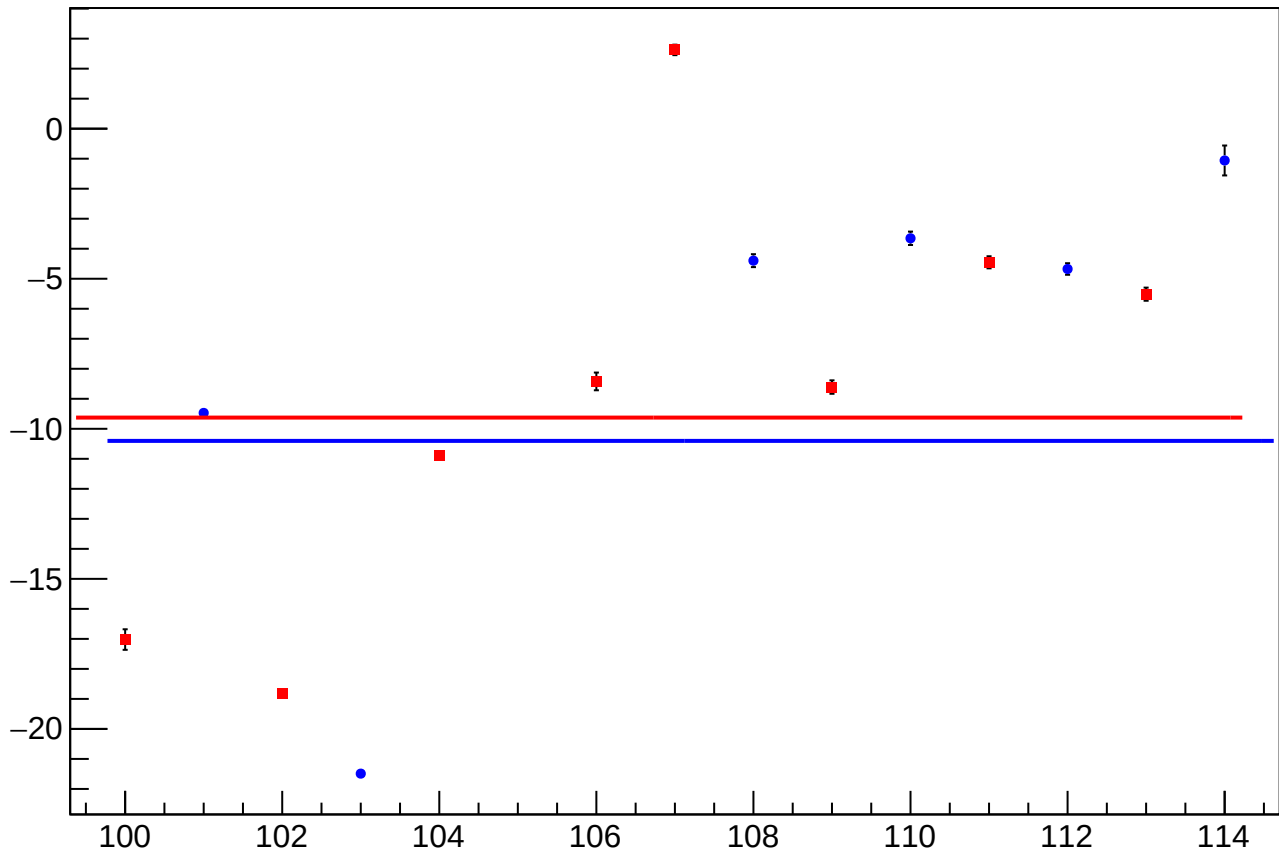
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.738 ± 0.040 χ^2/NDF : 1447.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

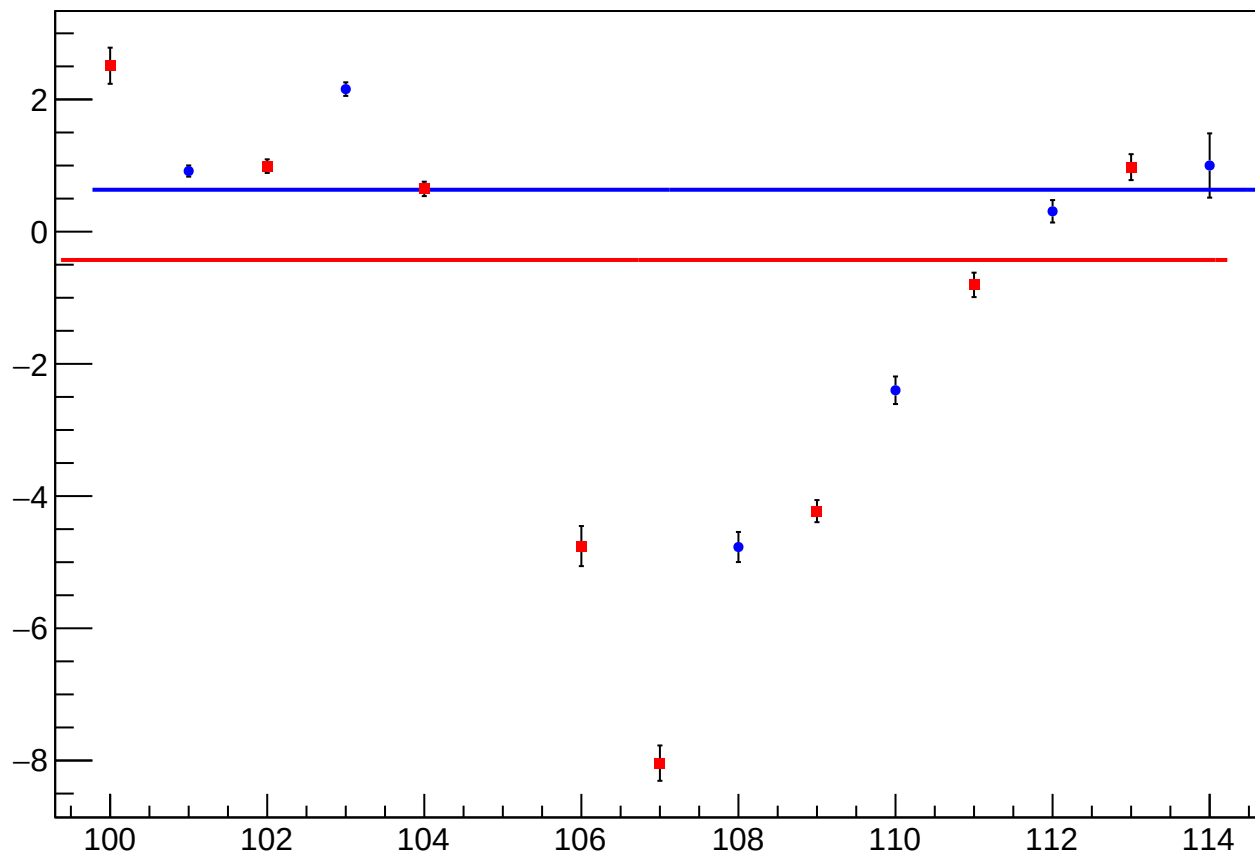
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -10.403 ± 0.063 $\chi^2/\text{NDF}: 9427.2/5$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -9.626 ± 0.064 $\chi^2/\text{NDF}: 11103.4/7$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -10.020 ± 0.045 $\chi^2/\text{NDF}: 20605.5/13$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.634+/-0.056 χ^2/NDF : 1009.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.428+/-0.057 χ^2/NDF : 1988.7/7

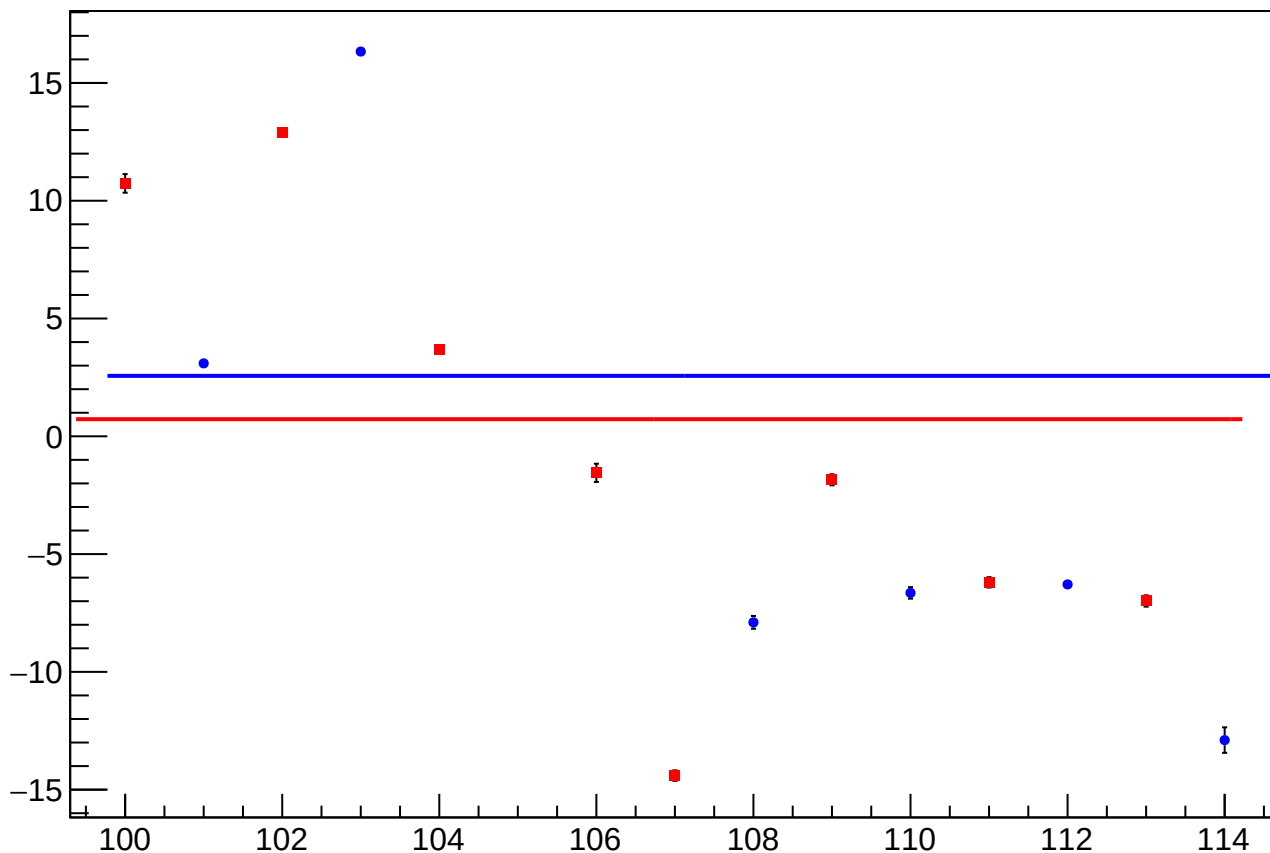
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.040 χ^2/NDF : 3174.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 2.566 $\pm$ 0.076 χ^2 /NDF: 12507.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.727 $\pm$ 0.076 χ^2 /NDF: 13323.3/7

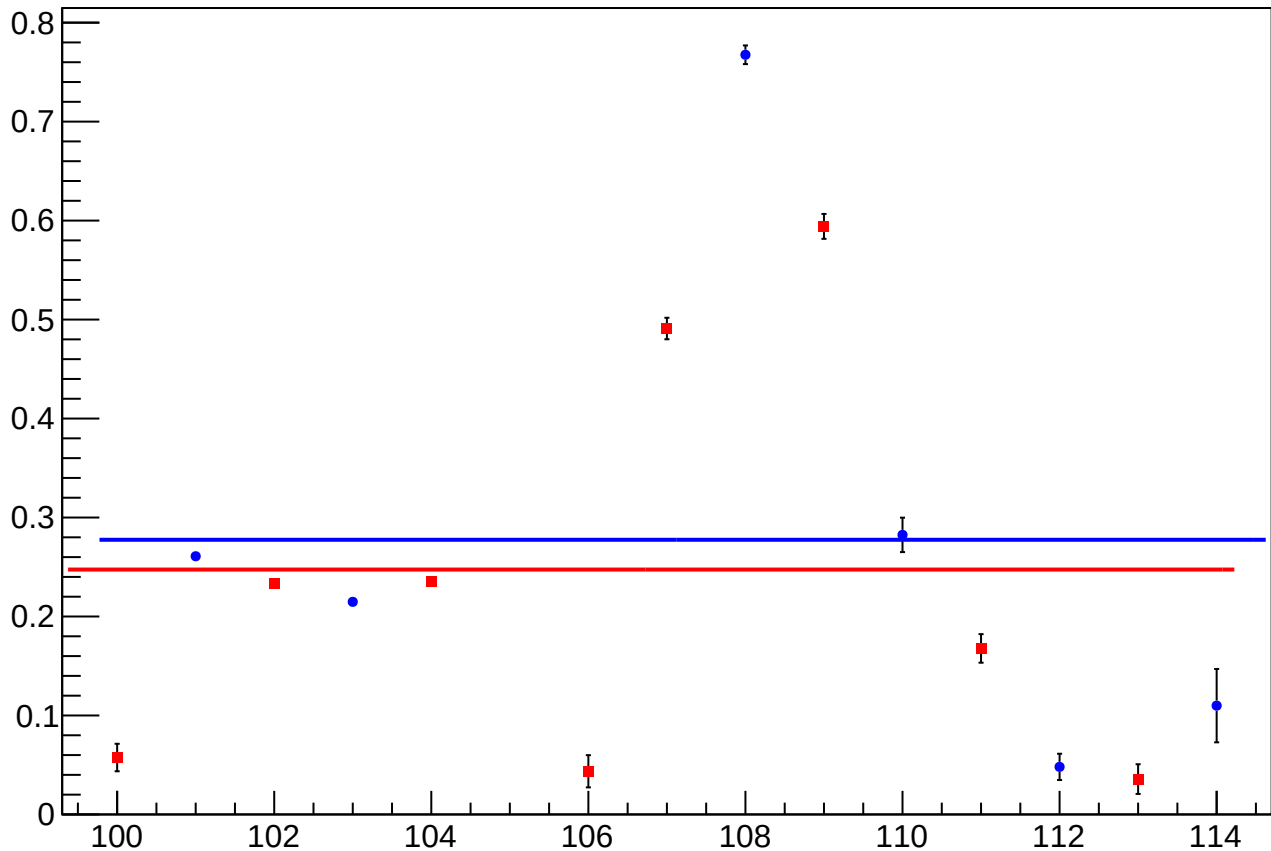
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.647 $\pm$ 0.054 χ^2 /NDF: 26123.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.278 $\pm$ 0.003 χ^2 /NDF: 3246.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.247 $\pm$ 0.003 χ^2 /NDF: 1851.9/7

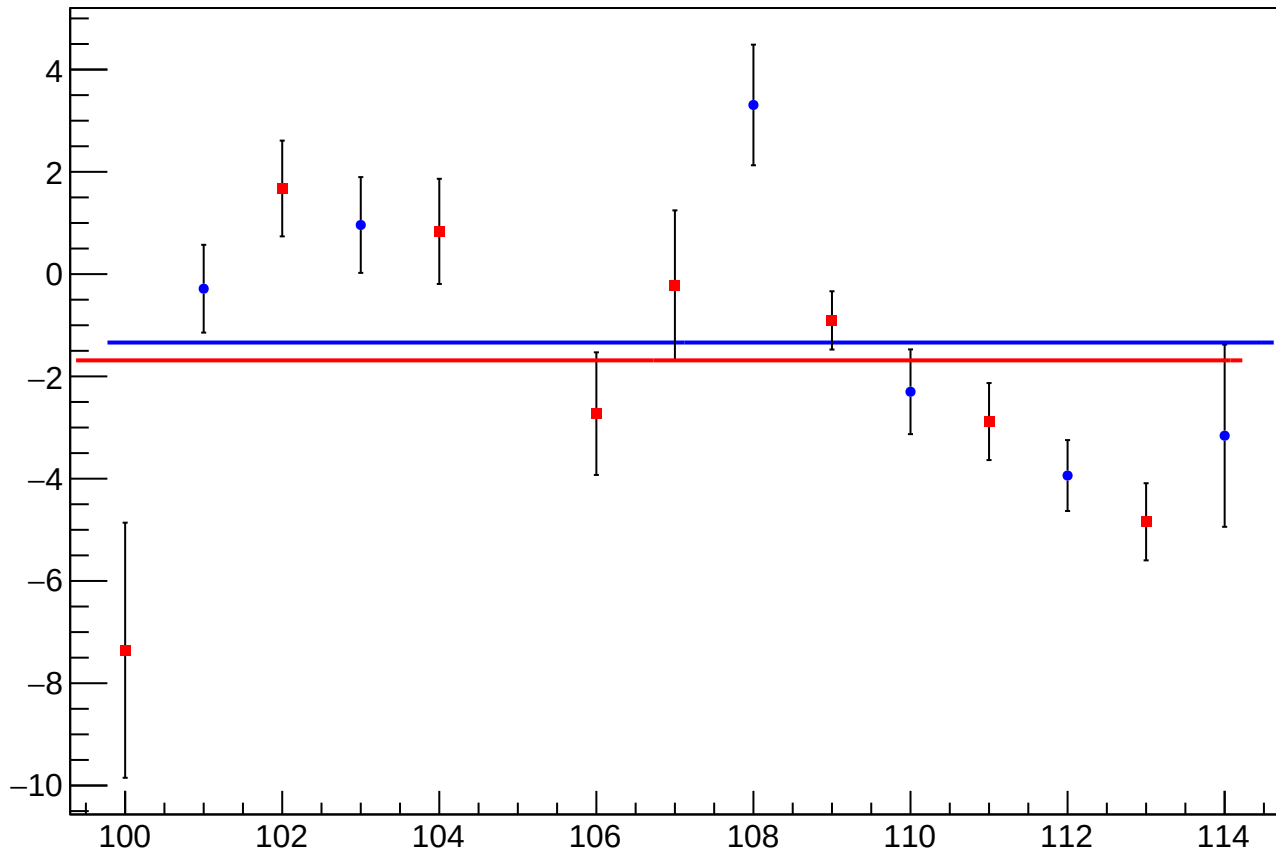
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.262 $\pm$ 0.002 χ^2 /NDF: 5152.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -1.338 ± 0.376 χ^2/NDF : 39.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.687 ± 0.316 χ^2/NDF : 47.7/7

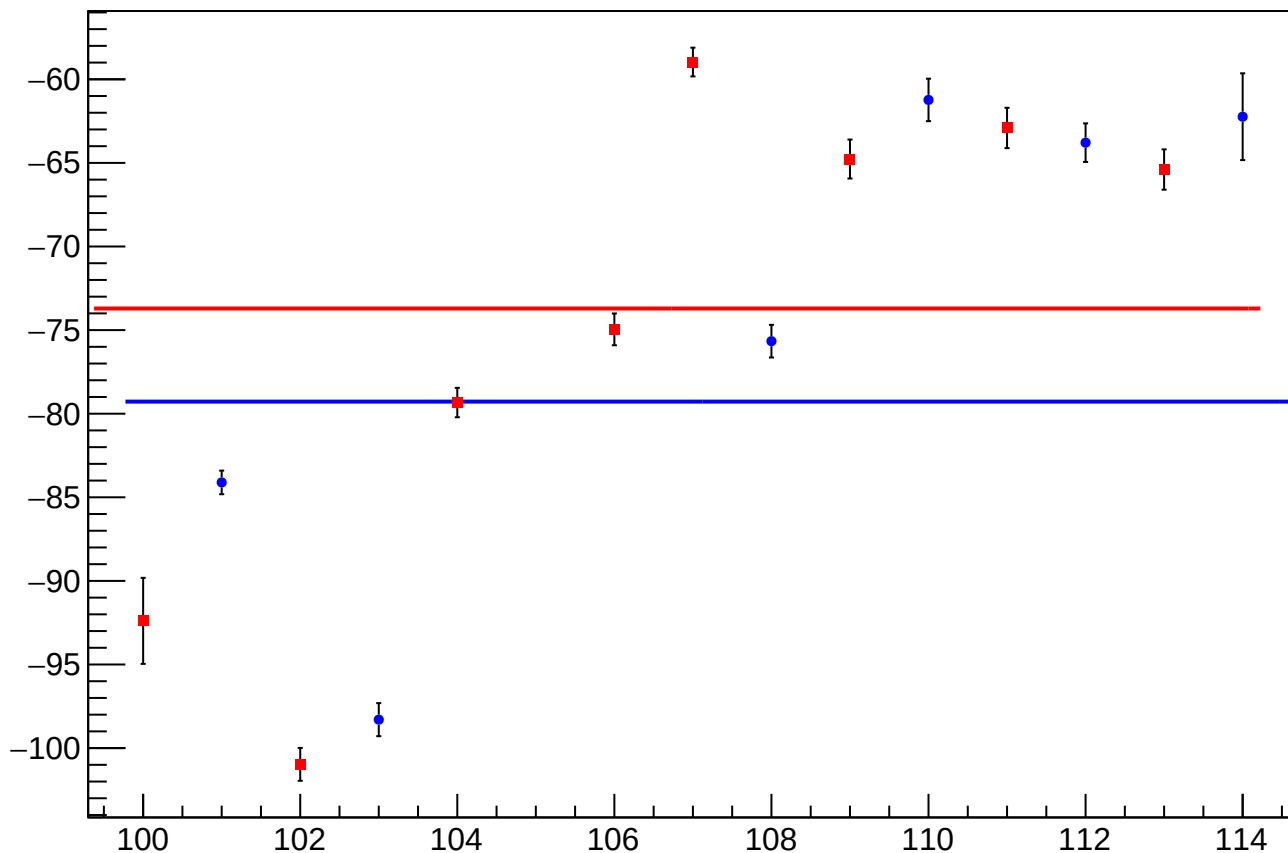
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.542 ± 0.242 χ^2/NDF : 87.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -79.277 ± 0.423 χ^2/NDF : 856.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -73.708 ± 0.377 χ^2/NDF : 1345.3/7

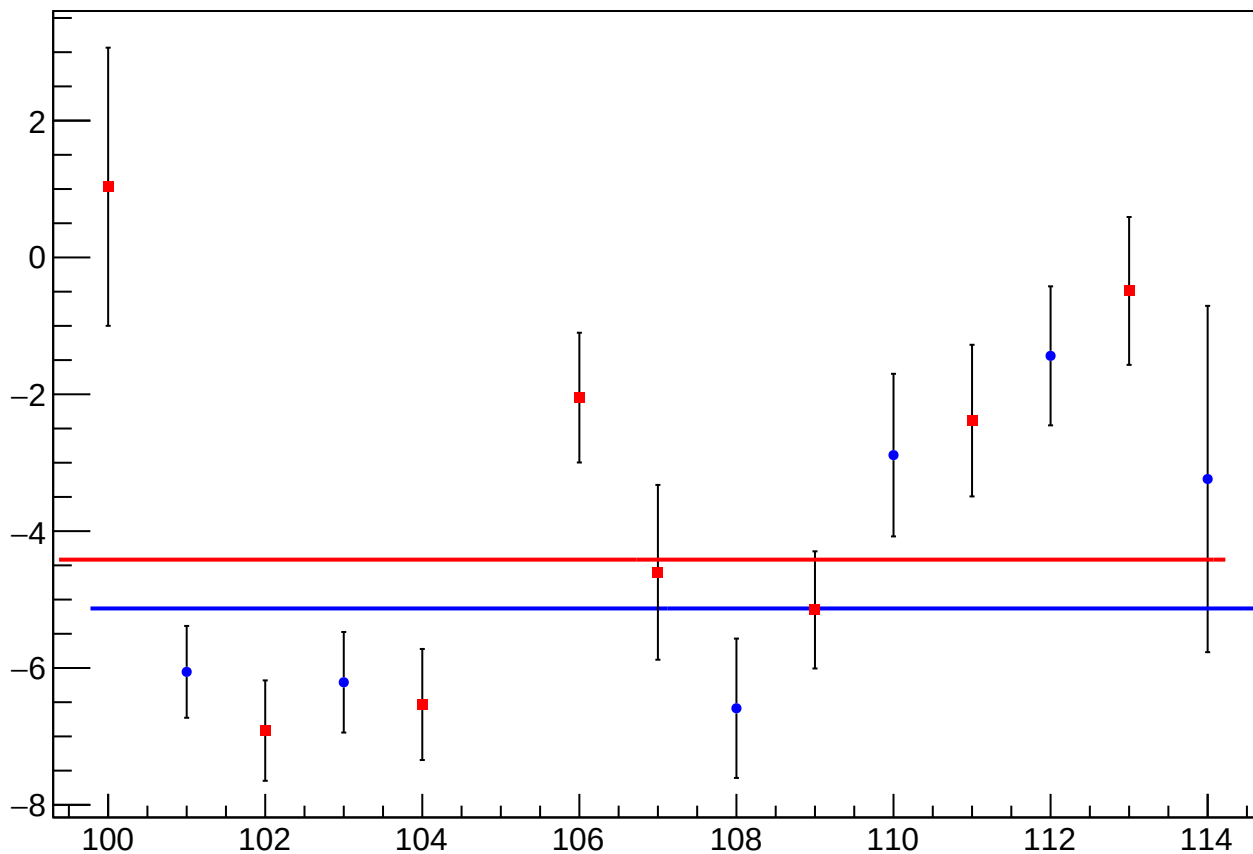
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.173 ± 0.281 χ^2/NDF : 2298.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -5.130 ± 0.382 χ^2/NDF : 23.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.416 ± 0.345 χ^2/NDF : 49.2/7

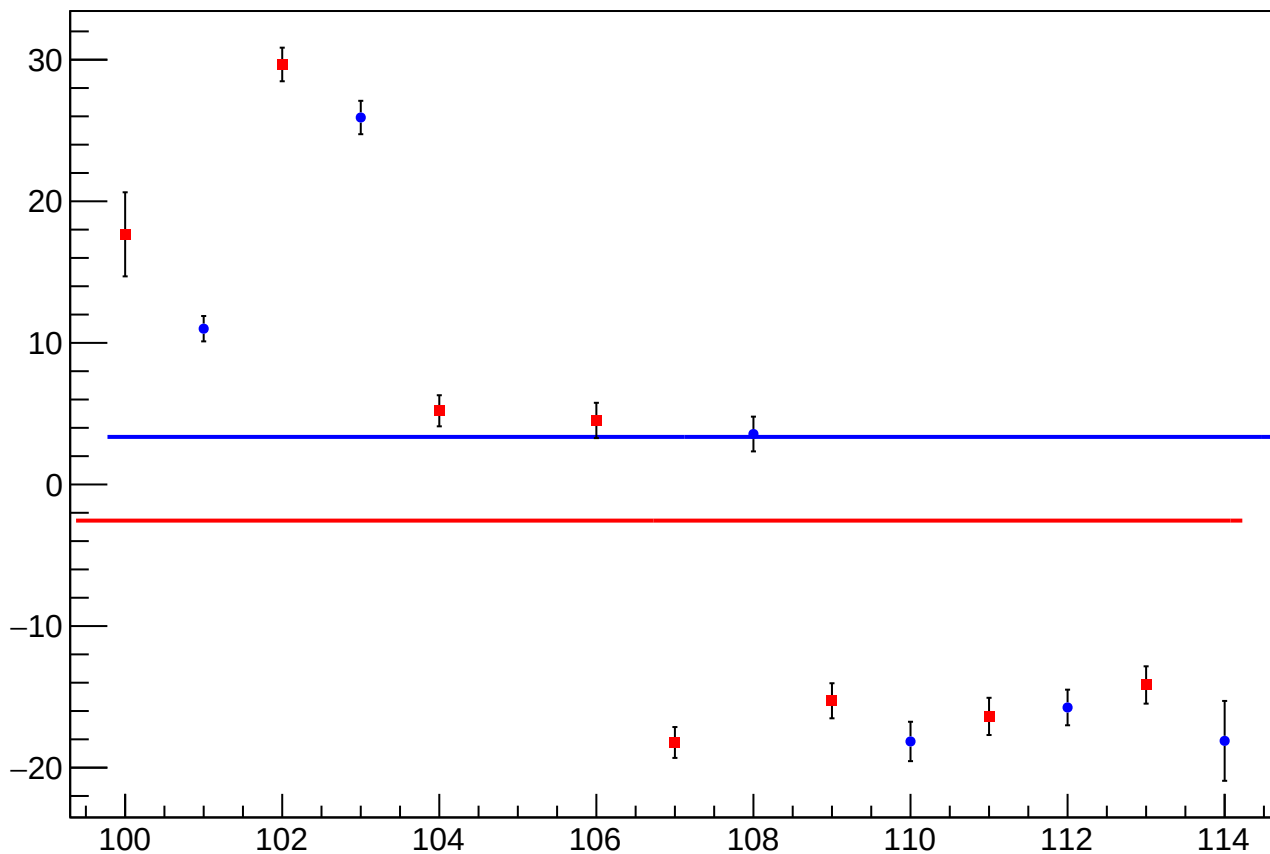
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.738 ± 0.256 χ^2/NDF : 74.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: 3.359 $\pm$ 0.506 χ^2 /NDF: 967.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.551 $\pm$ 0.450 χ^2 /NDF: 1366.2/7

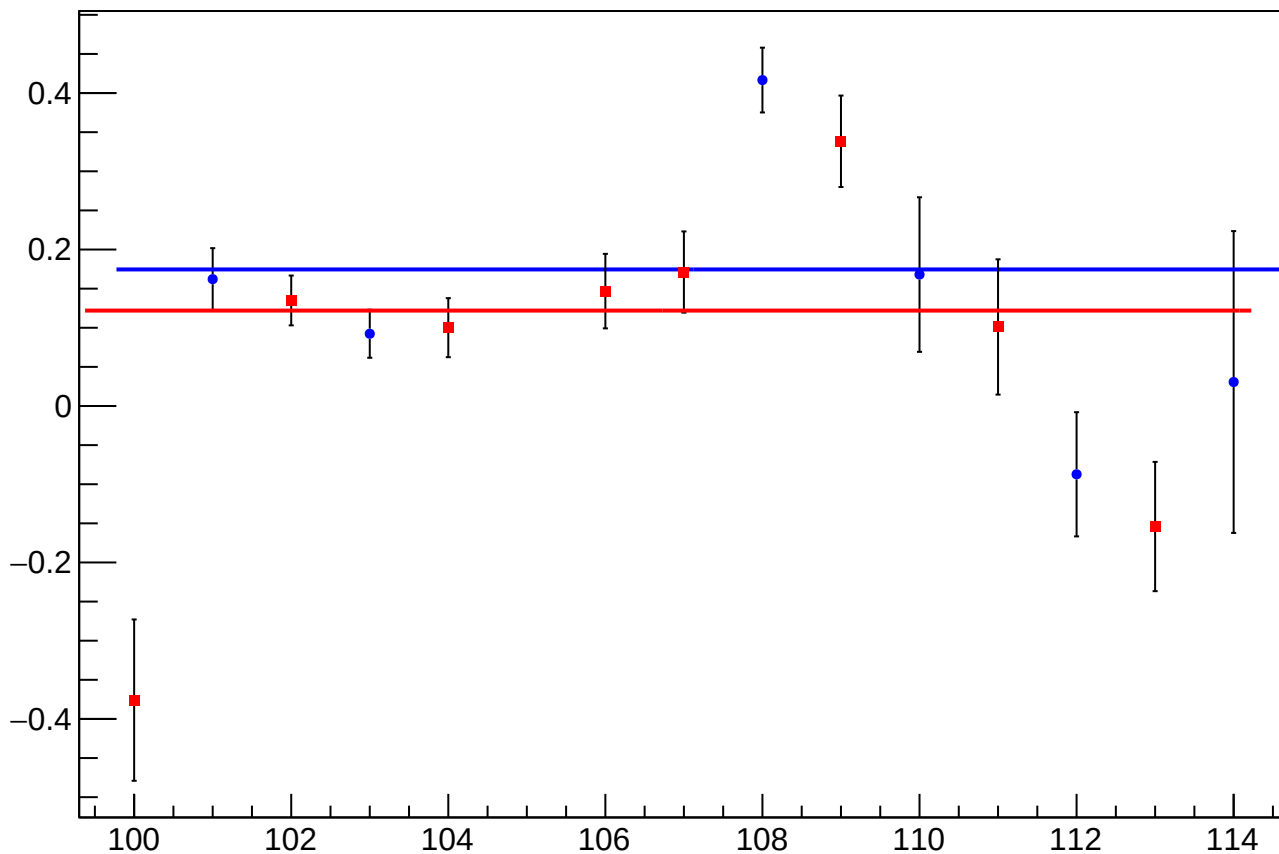
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.336 χ^2 /NDF: 2409.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.175 $\pm$ 0.020 χ^2 /NDF: 52.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.122 $\pm$ 0.018 χ^2 /NDF: 49.9/7

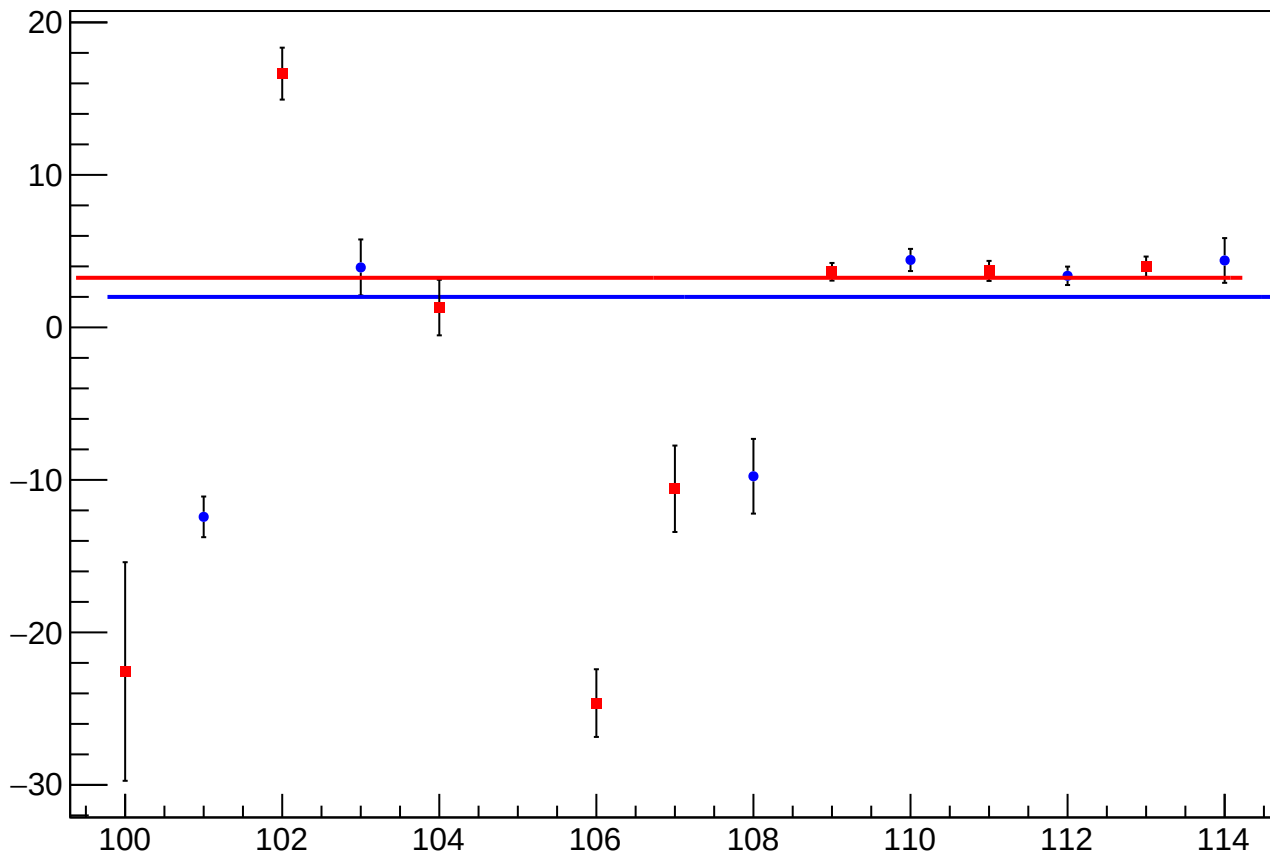
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.146 $\pm$ 0.013 χ^2 /NDF: 106.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 1.999 $\pm$ 0.404 χ^2 /NDF: 160.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.252 $\pm$ 0.342 χ^2 /NDF: 259.8/7

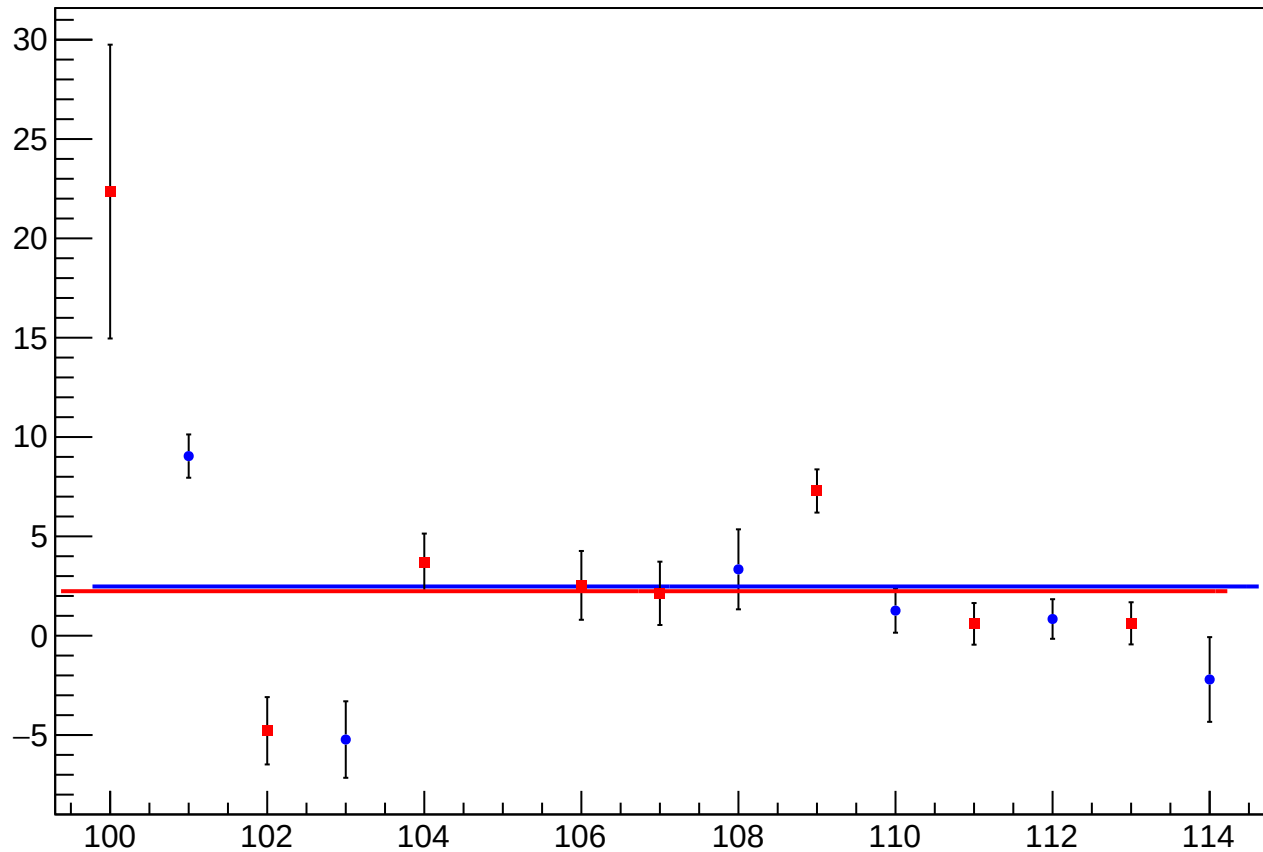
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.729 $\pm$ 0.261 χ^2 /NDF: 425.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 2.477 $\pm$ 0.543 χ^2 /NDF: 61.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.240 $\pm$ 0.487 χ^2 /NDF: 51.9/7

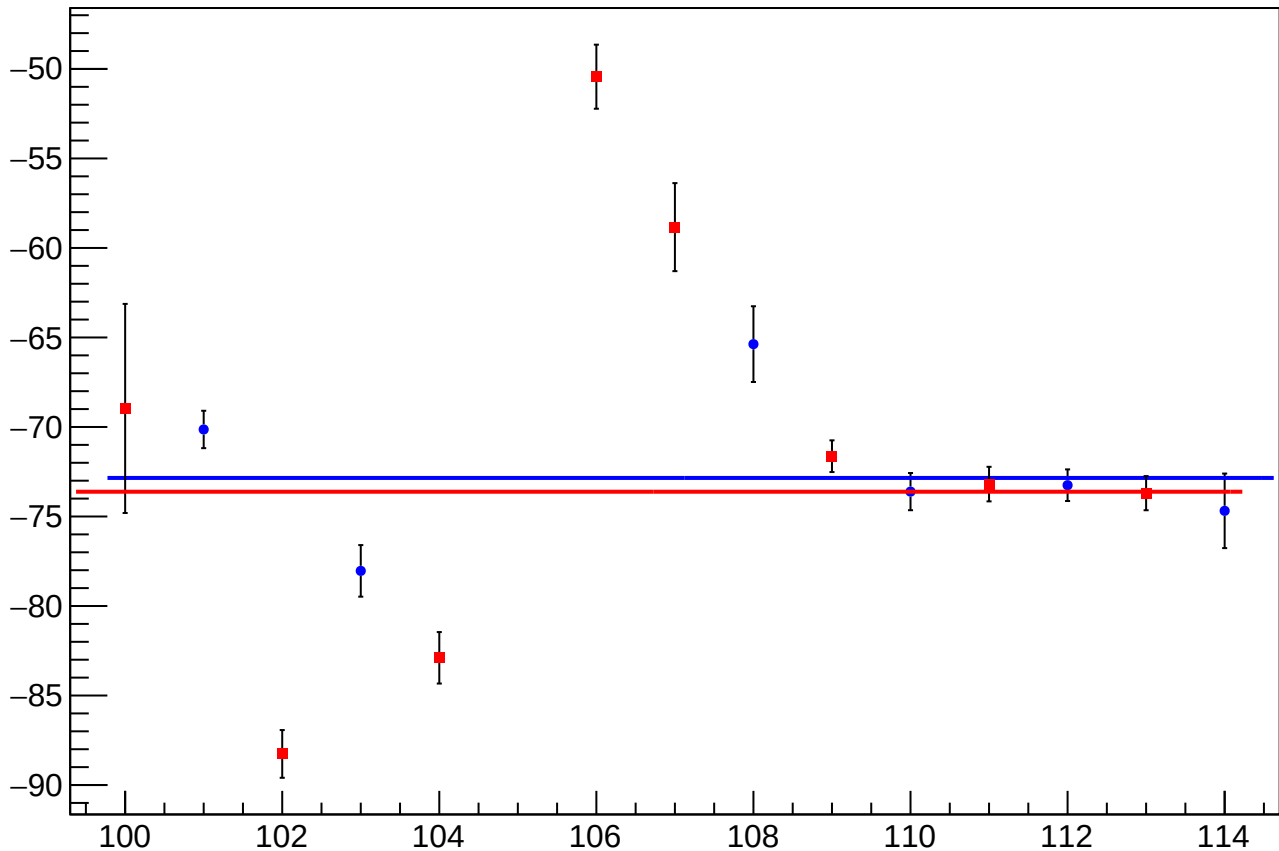
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.346 $\pm$ 0.363 χ^2 /NDF: 113.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -72.846 ± 0.496 χ^2/NDF : 33.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -73.616 ± 0.447 χ^2/NDF : 372.1/7

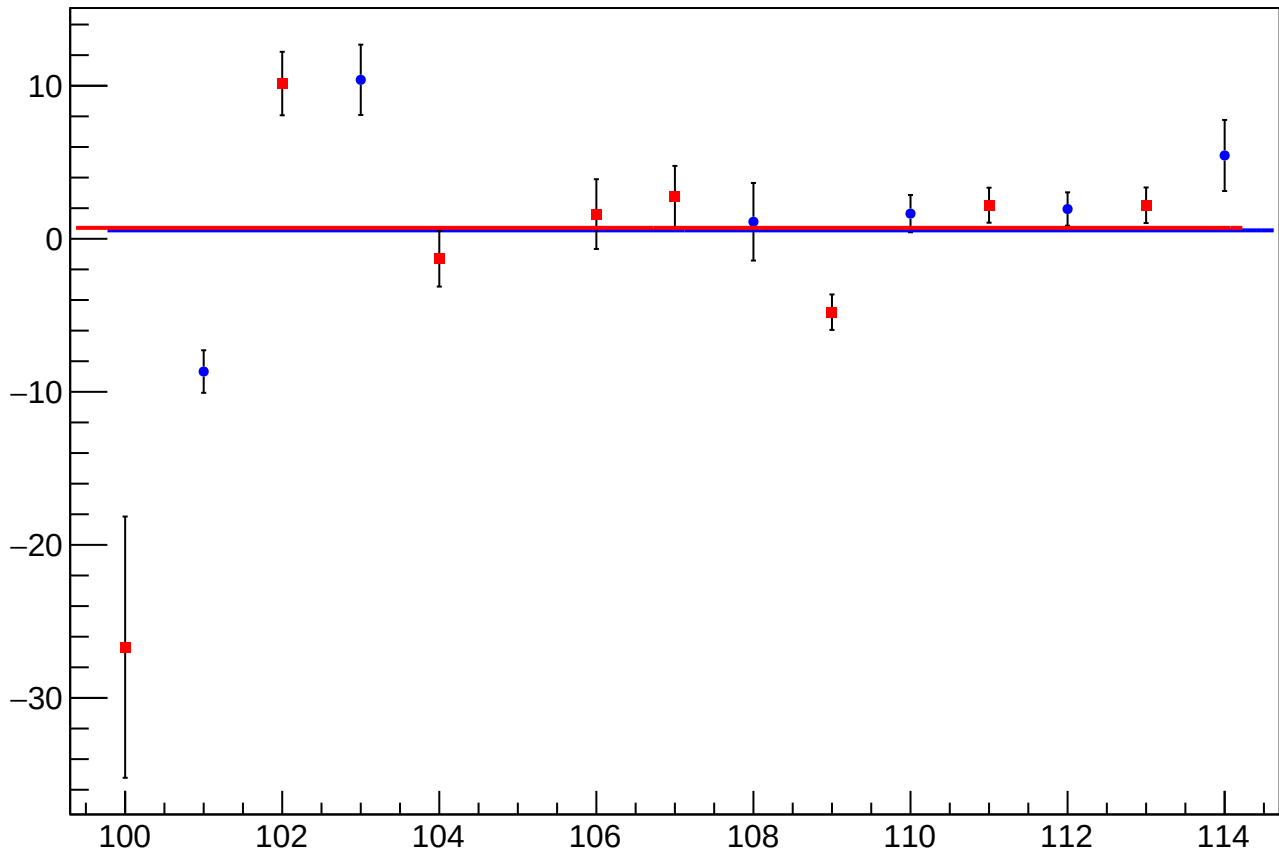
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.271 ± 0.332 χ^2/NDF : 407.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 0.551+/-0.625 χ^2/NDF : 69.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.716+/-0.556 χ^2/NDF : 59.2/7

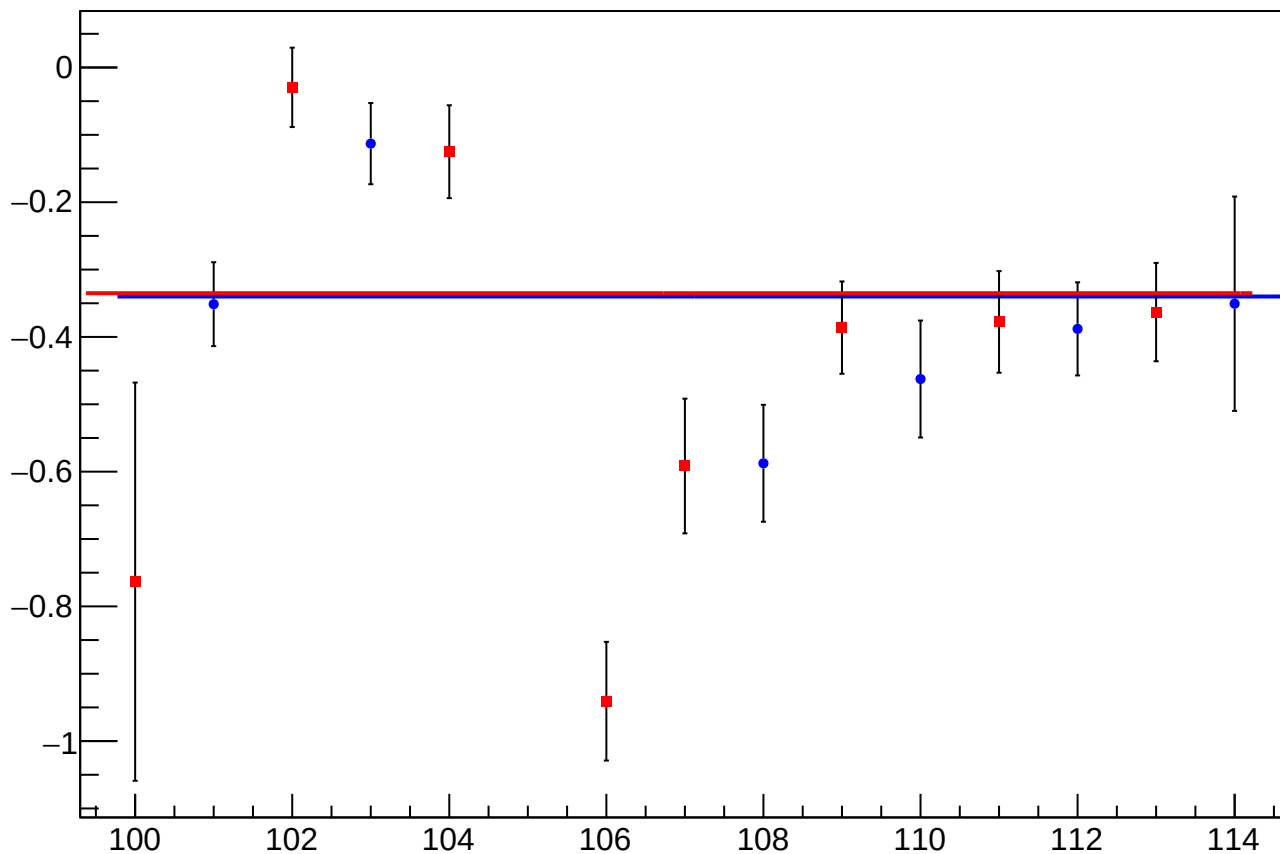
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.643+/-0.415 χ^2/NDF : 128.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.340 ± 0.031 χ^2/NDF : 24.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.335 ± 0.028 χ^2/NDF : 93.1/7

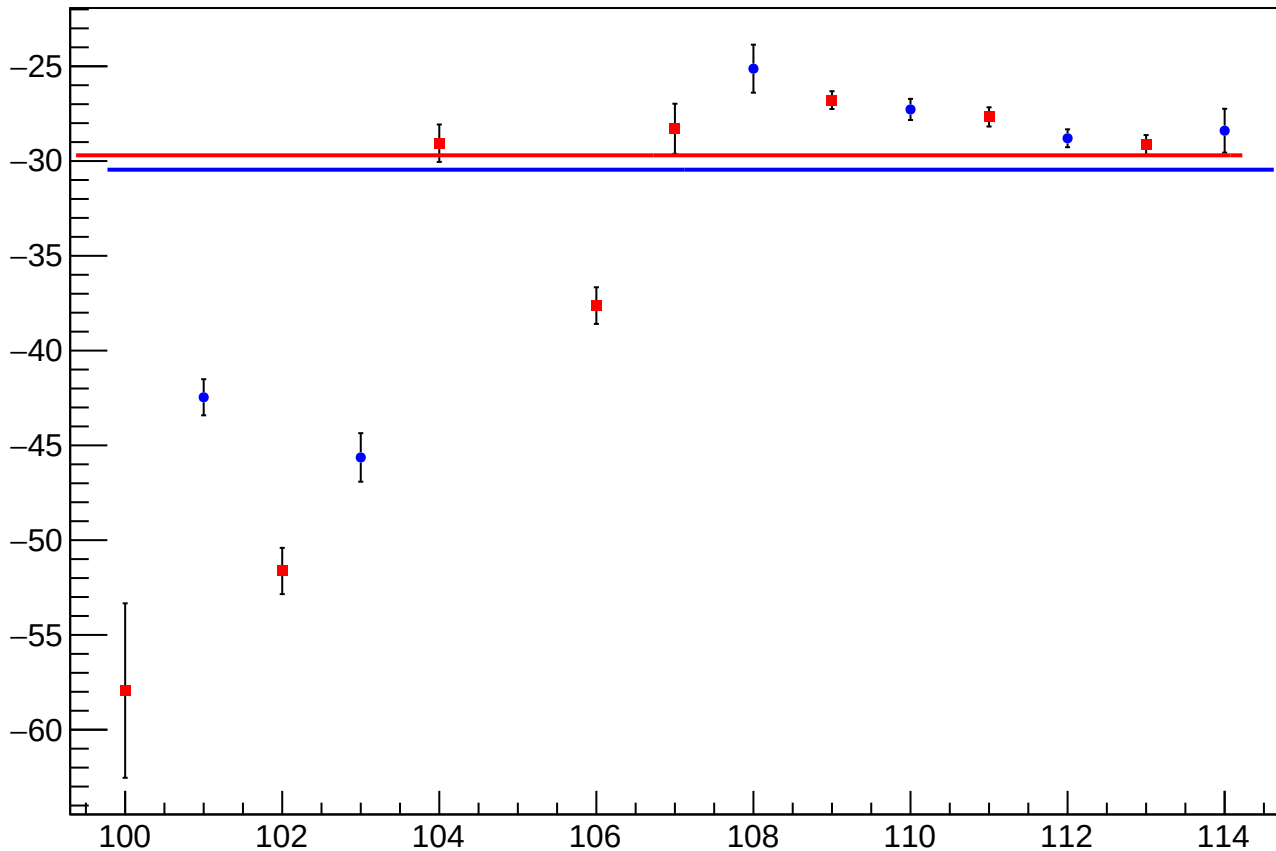
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.337 ± 0.021 χ^2/NDF : 118.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -30.456 ± 0.305 χ^2/NDF : 365.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.697 ± 0.254 χ^2/NDF : 485.1/7

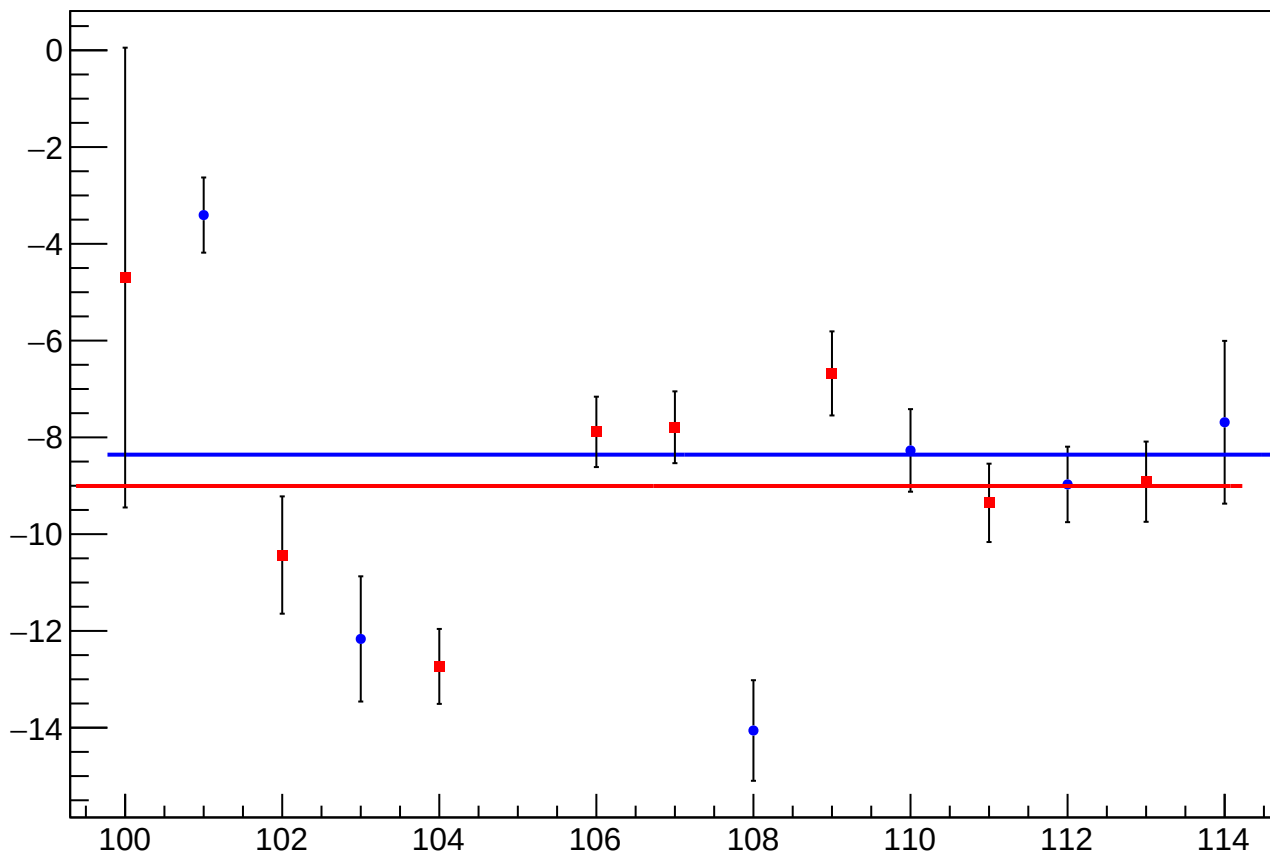
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.008 ± 0.195 χ^2/NDF : 853.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -8.357 $\pm$ 0.391 χ^2 /NDF: 80.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.005 $\pm$ 0.310 χ^2 /NDF: 37.8/7

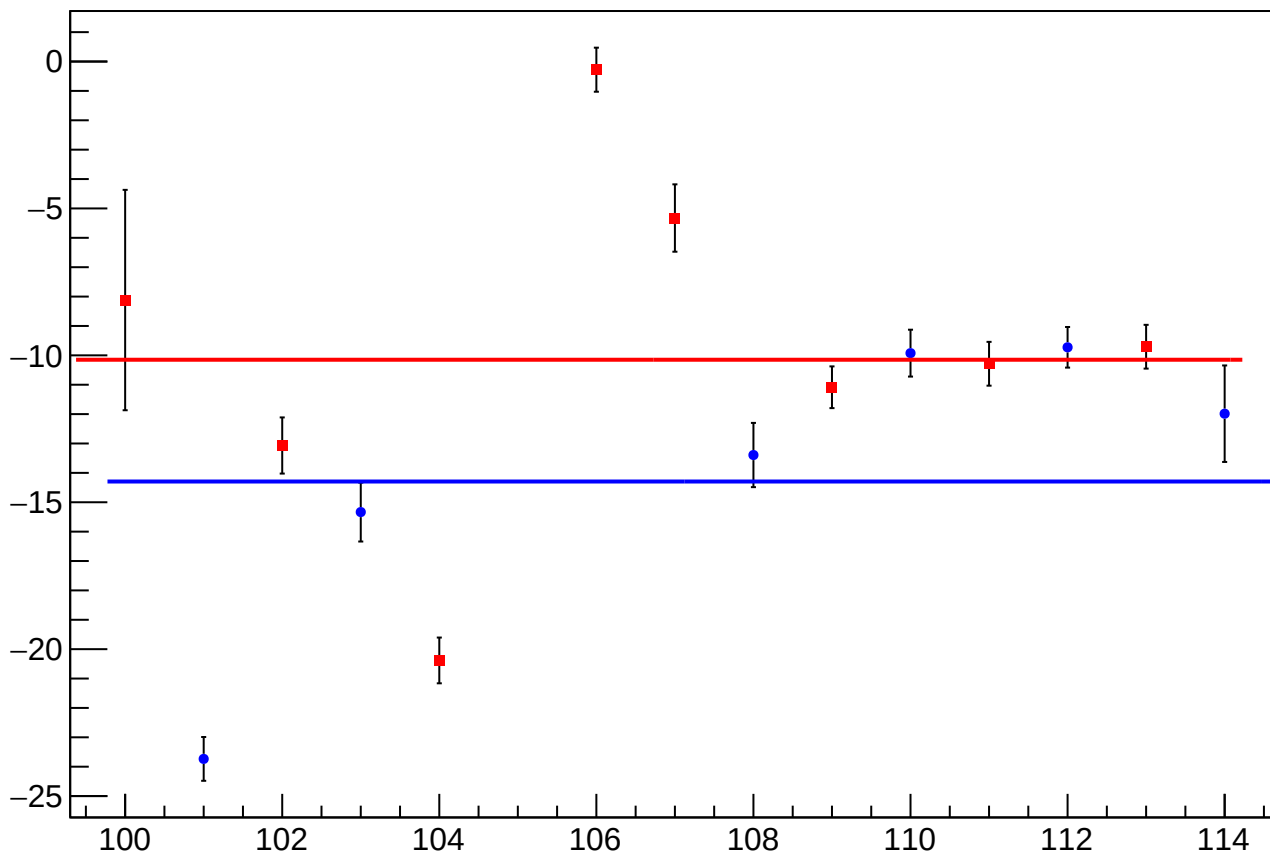
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.754 $\pm$ 0.243 χ^2 /NDF: 119.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -14.294 ± 0.361 χ^2/NDF : 237.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.150 ± 0.302 χ^2/NDF : 375.5/7

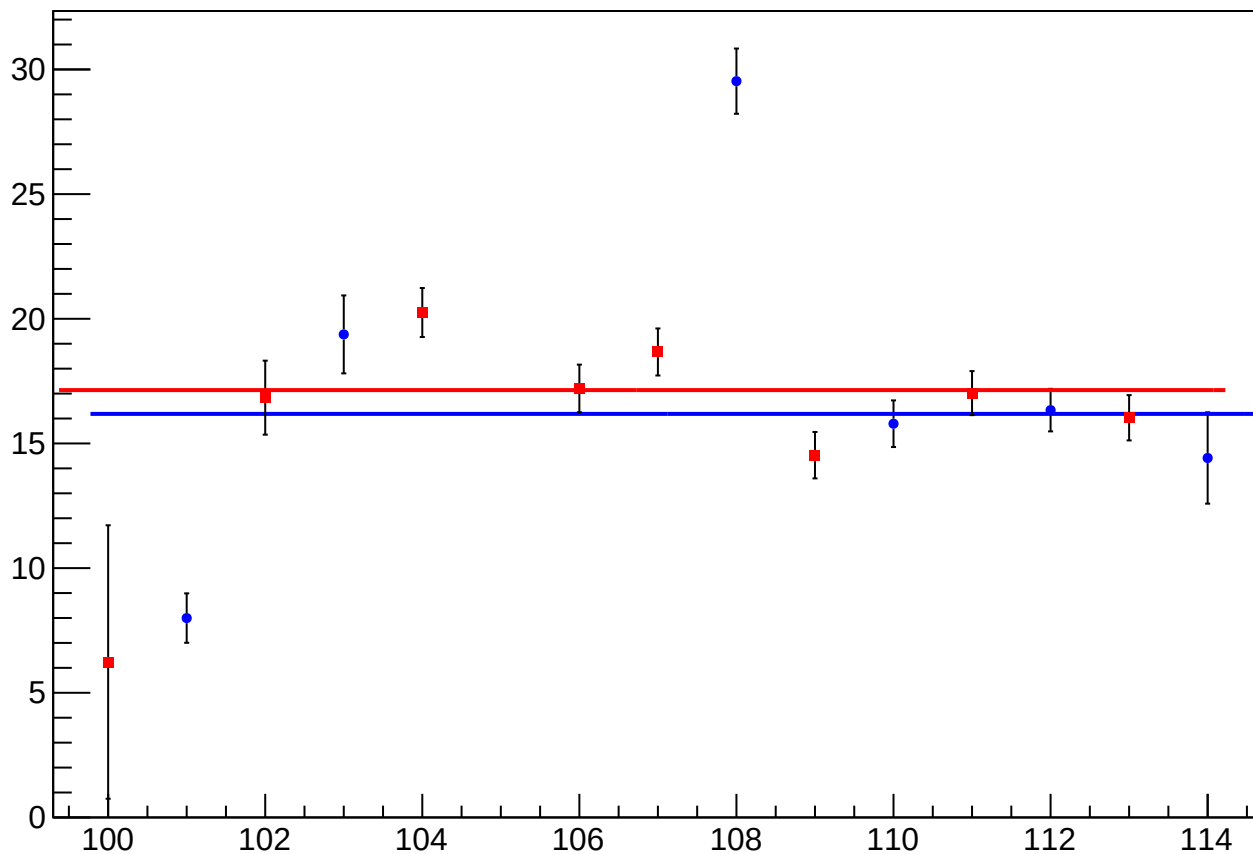
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.857 ± 0.232 χ^2/NDF : 690.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 16.186 $\pm$ 0.455 χ^2 /NDF: 177.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.140 $\pm$ 0.368 χ^2 /NDF: 26.0/7

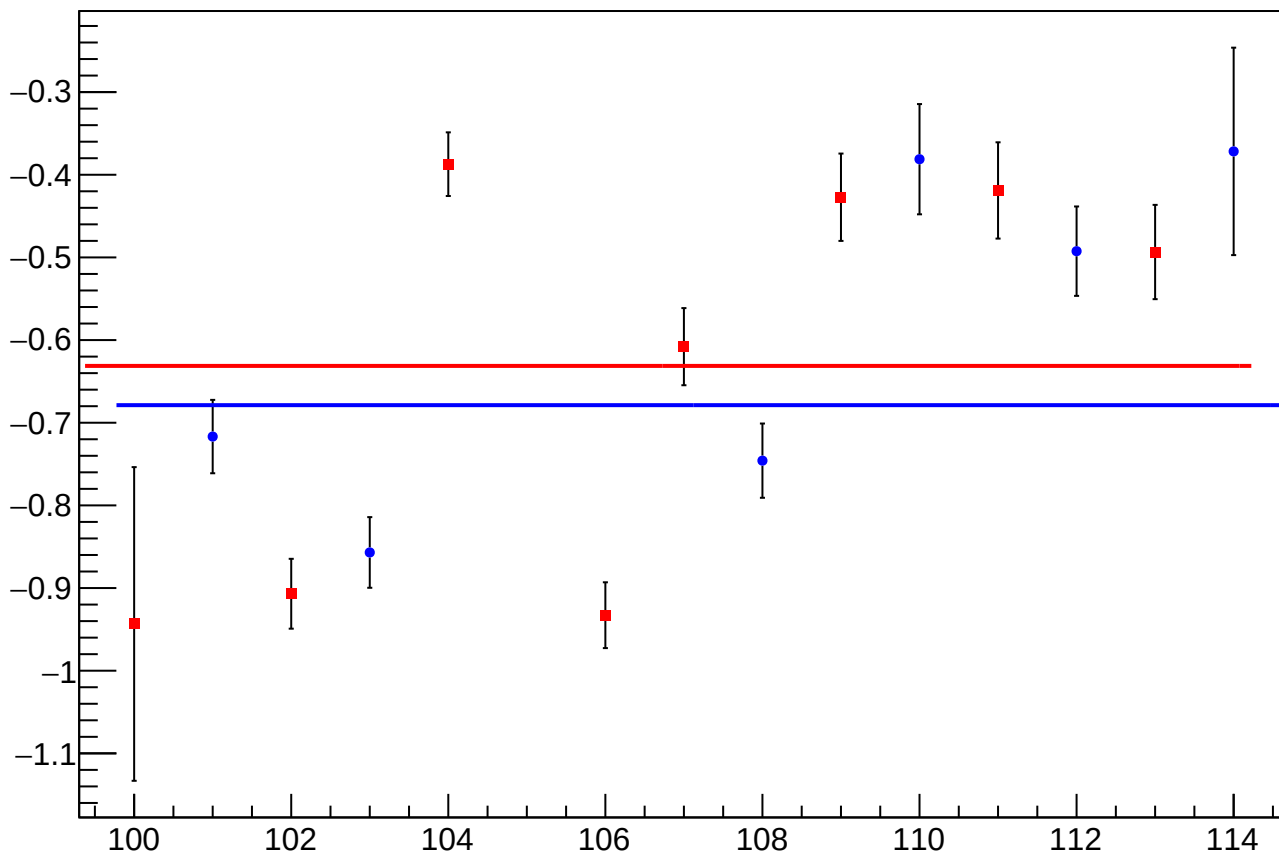
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.763 $\pm$ 0.286 χ^2 /NDF: 206.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.679+/-0.021 χ^2/NDF : 58.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.631+/-0.017 χ^2/NDF : 177.1/7

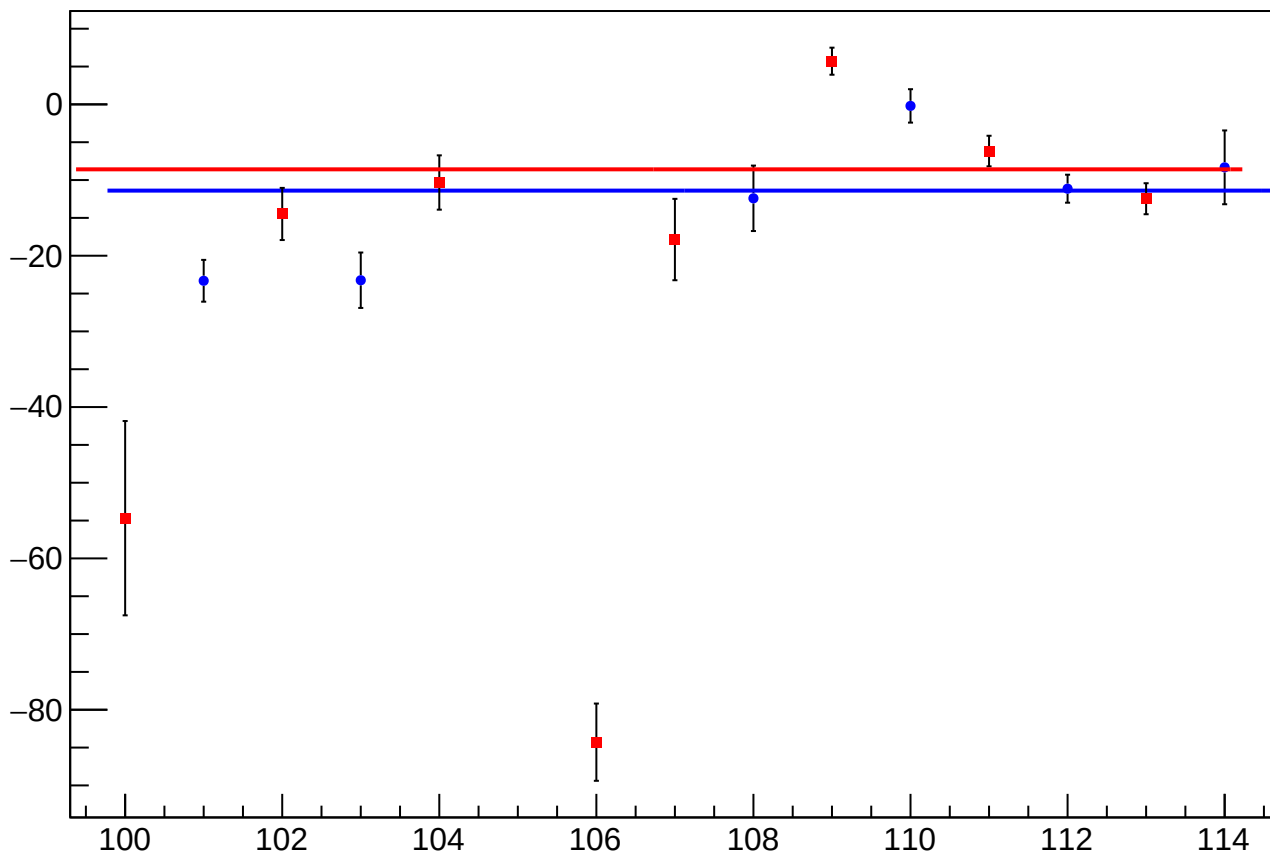
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.650+/-0.013 χ^2/NDF : 238.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -11.396 ± 1.119 $\chi^2/\text{NDF}: 55.3/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.584 ± 0.982 $\chi^2/\text{NDF}: 307.9/7$

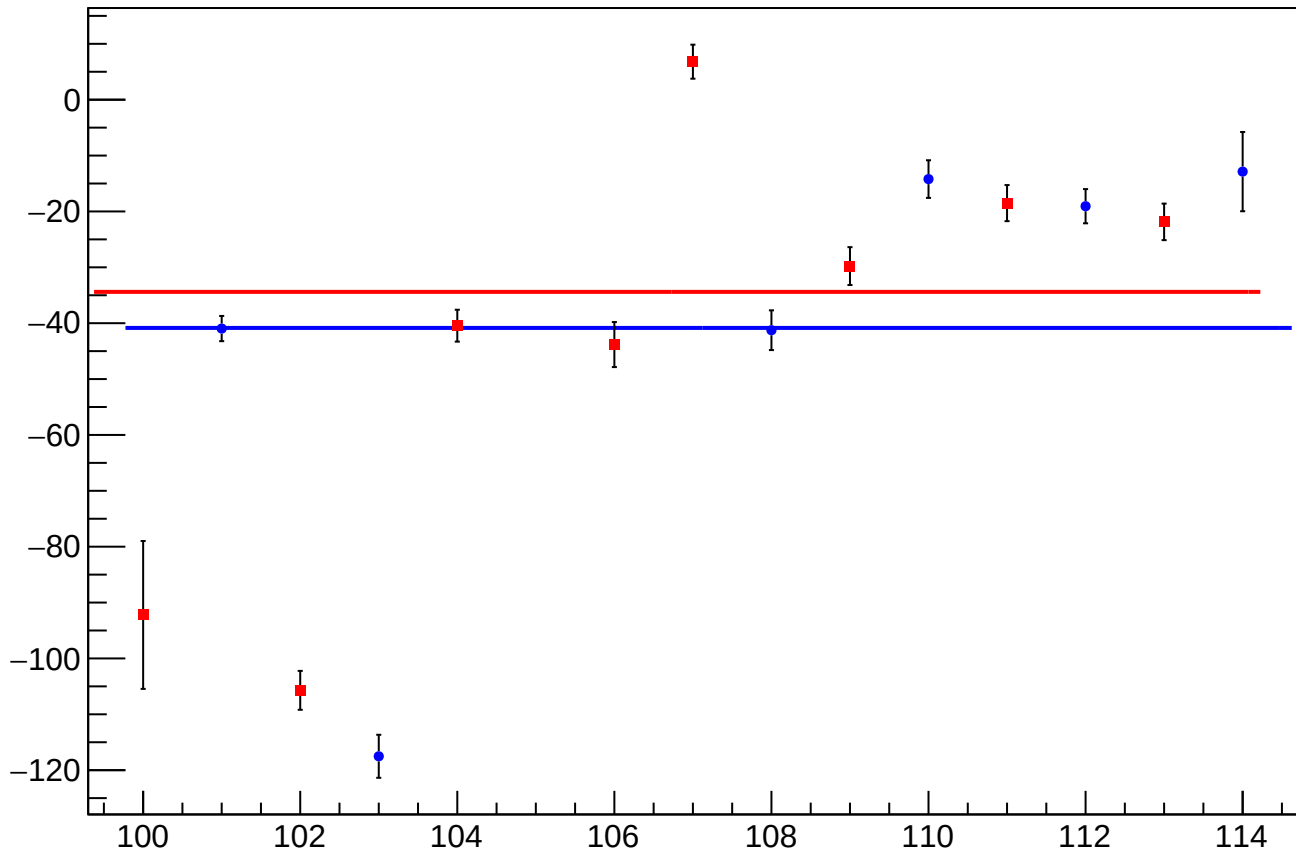
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.807 ± 0.738 $\chi^2/\text{NDF}: 366.7/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: -40.846 ± 1.339 χ^2/NDF : 524.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.395 ± 1.234 χ^2/NDF : 672.5/7

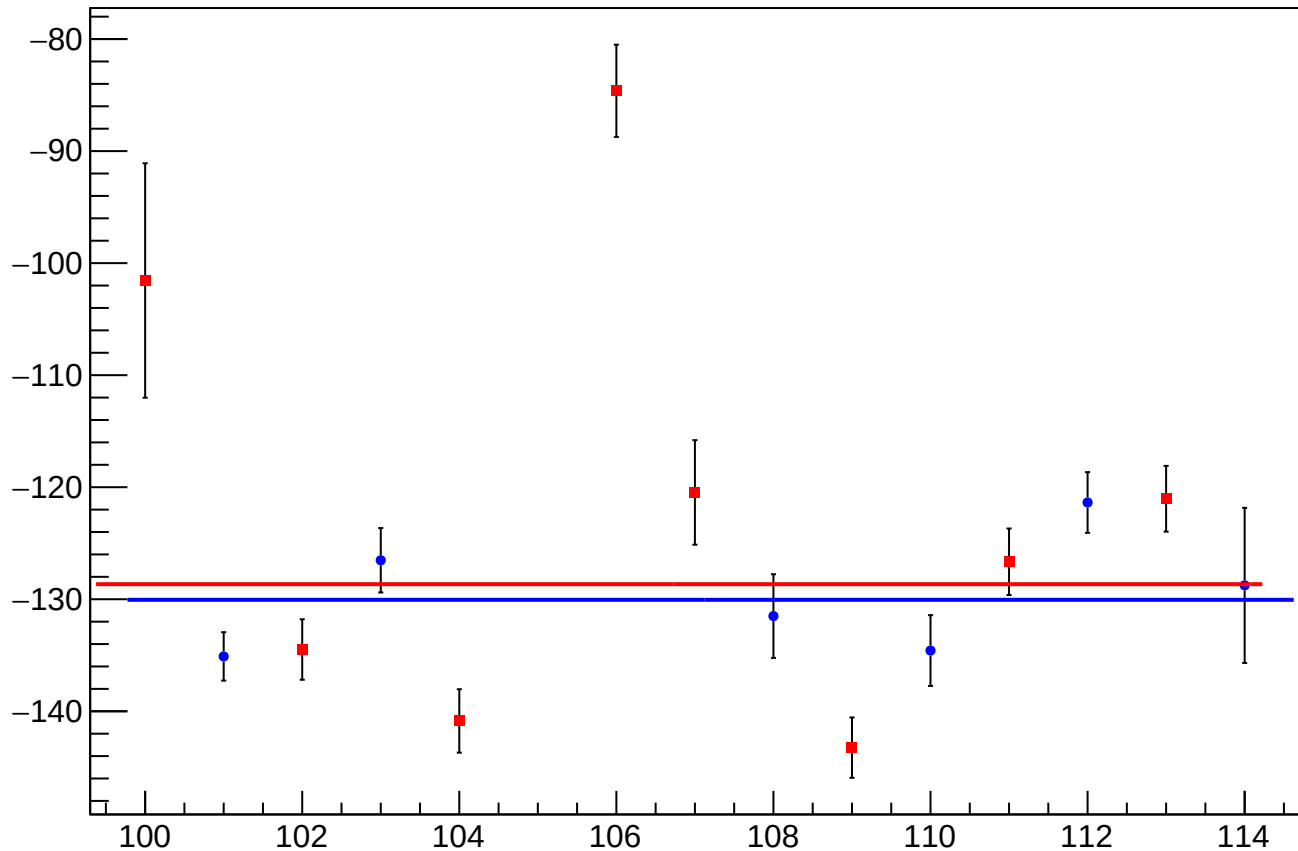
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.356 ± 0.907 χ^2/NDF : 1210.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -130.050 ± 1.227 χ^2/NDF : 19.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.656 ± 1.160 χ^2/NDF : 184.0/7

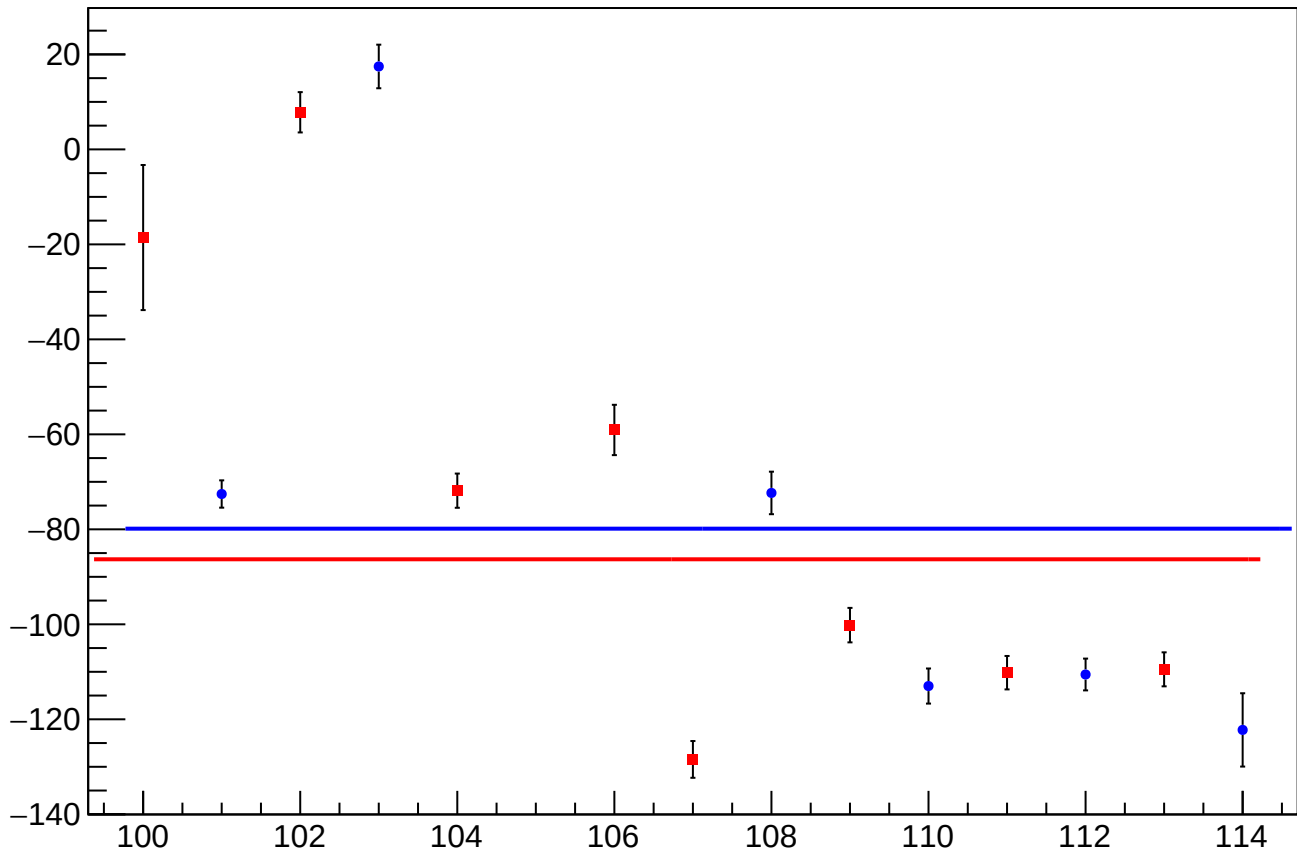
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -129.314 ± 0.843 χ^2/NDF : 204.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -79.861 $\pm$ 1.586 χ^2 /NDF: 654.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.309 $\pm$ 1.453 χ^2 /NDF: 775.0/7

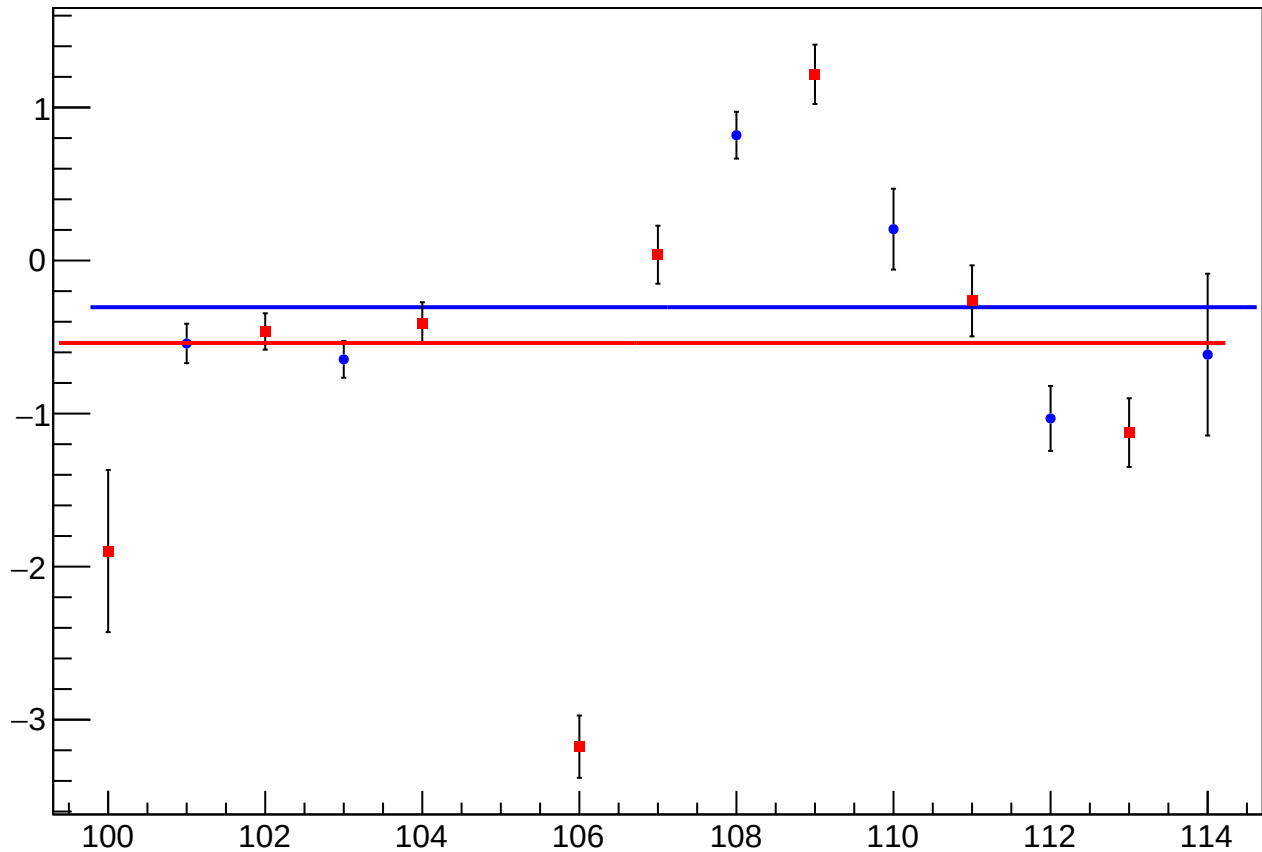
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -83.367 $\pm$ 1.071 χ^2 /NDF: 1438.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: -0.305 ± 0.069 χ^2/NDF : 81.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.539 ± 0.064 χ^2/NDF : 275.4/7

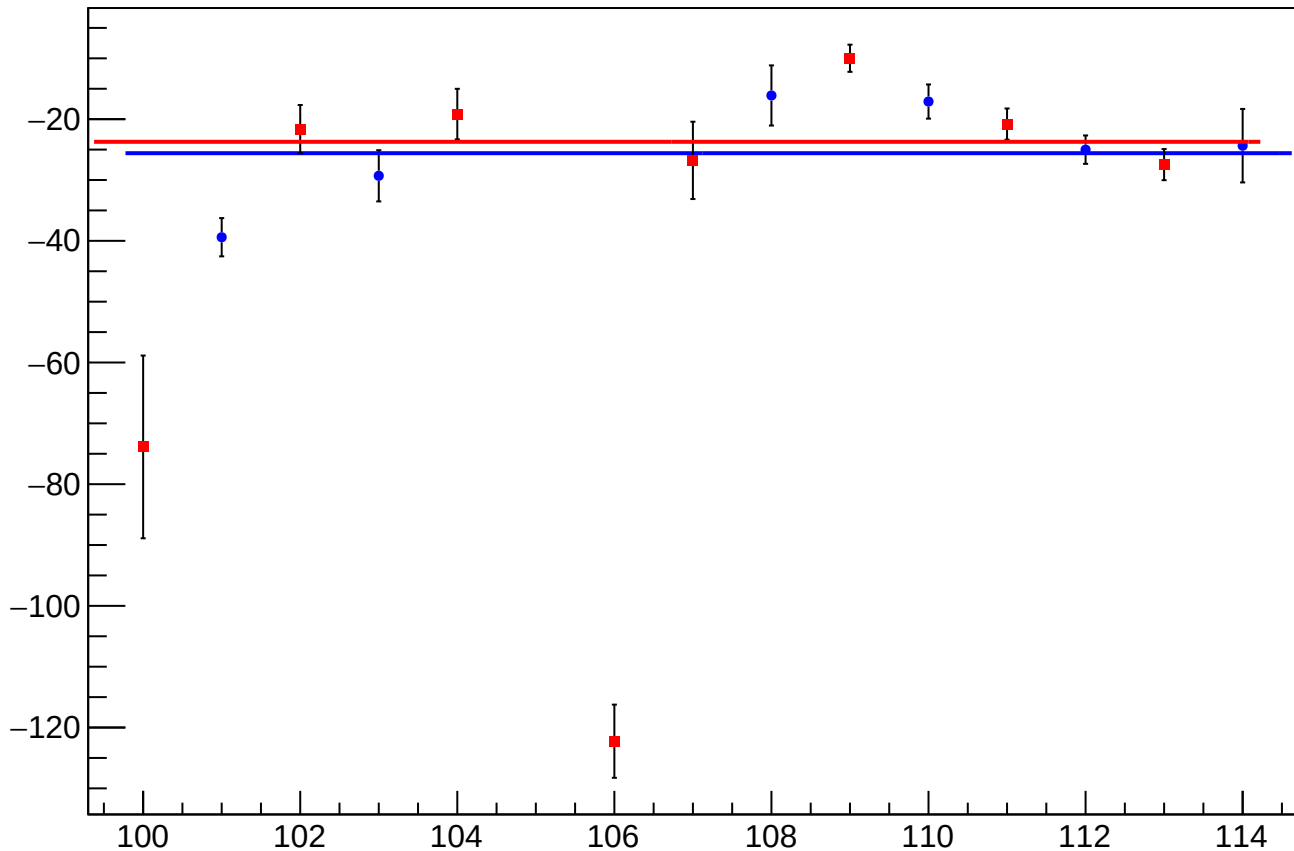
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.430 ± 0.047 χ^2/NDF : 362.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -25.593 ± 1.365 χ^2/NDF : 33.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.719 ± 1.209 χ^2/NDF : 322.5/7

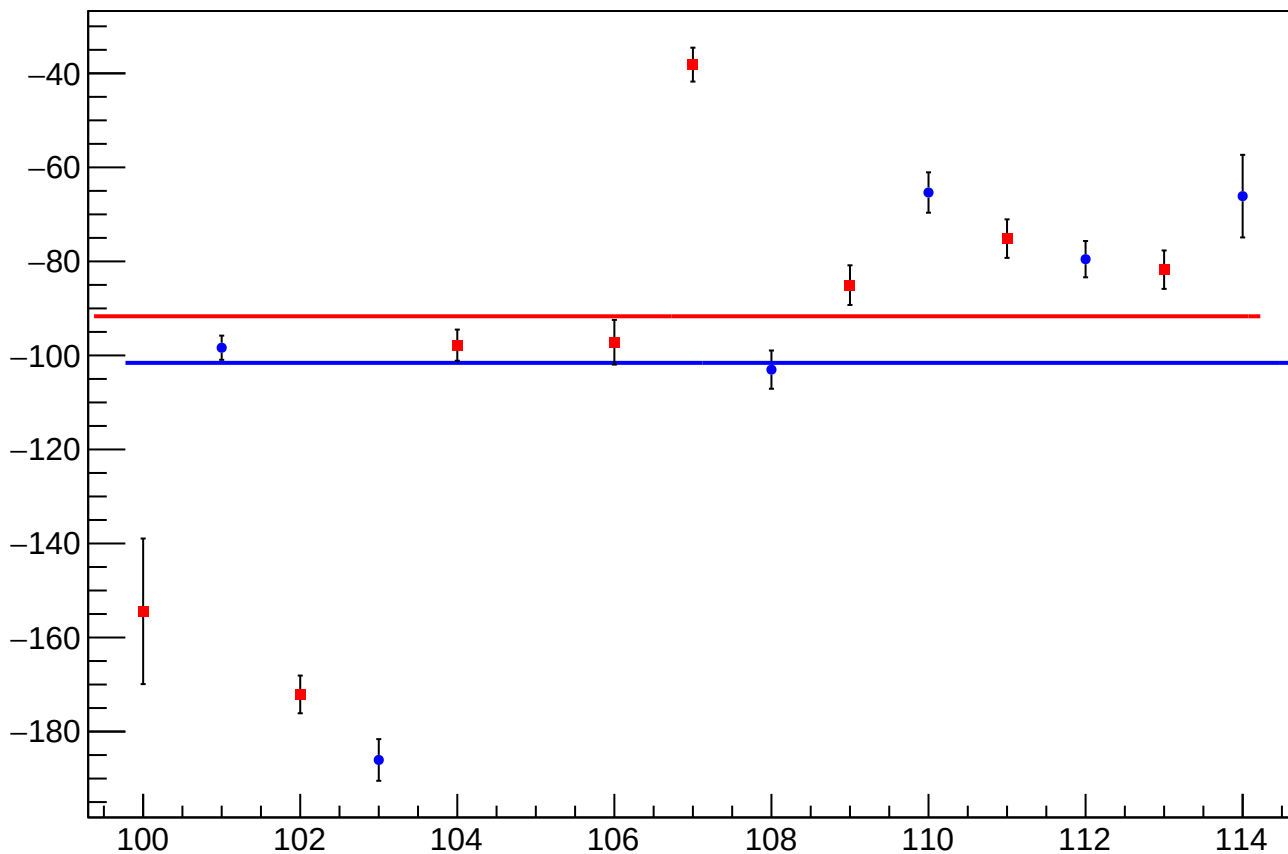
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.543 ± 0.905 χ^2/NDF : 356.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -101.579+/-1.588 χ^2/NDF : 484.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.674+/-1.484 χ^2/NDF : 667.9/7

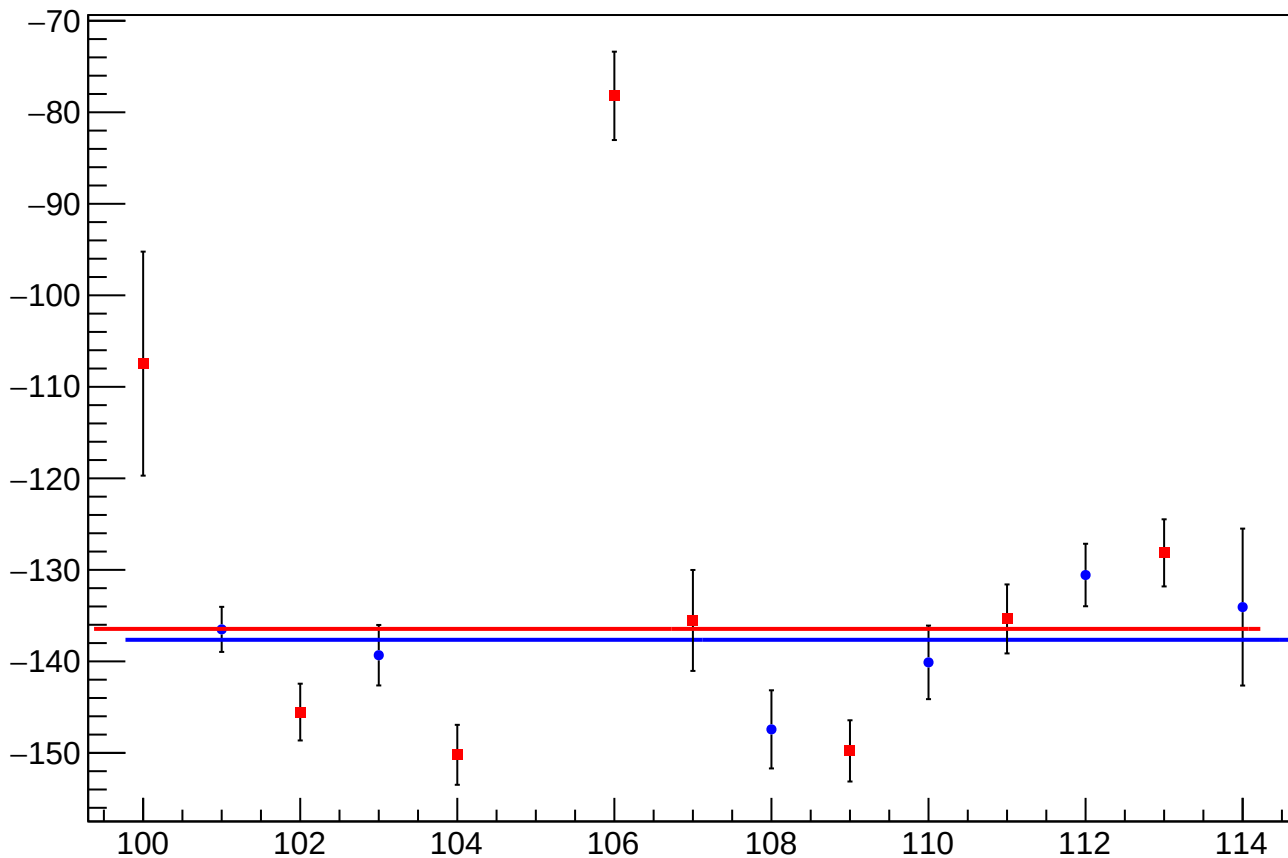
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.290+/-1.084 χ^2/NDF : 1173.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -137.642 ± 1.454 χ^2/NDF : 10.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -136.451 ± 1.395 χ^2/NDF : 198.5/7

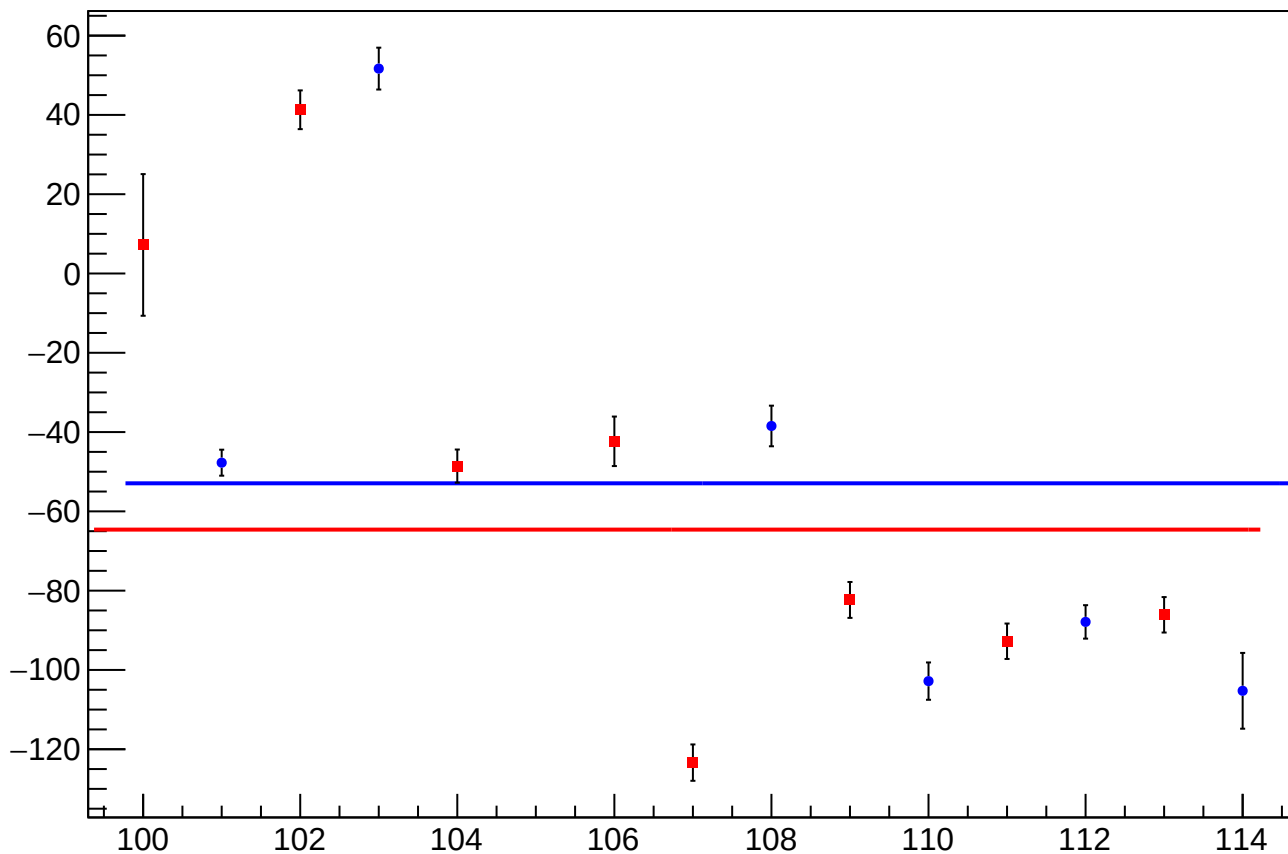
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -137.022 ± 1.007 χ^2/NDF : 209.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -52.925 $\pm$ 1.892 χ^2 /NDF: 614.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.602 $\pm$ 1.756 χ^2 /NDF: 755.5/7

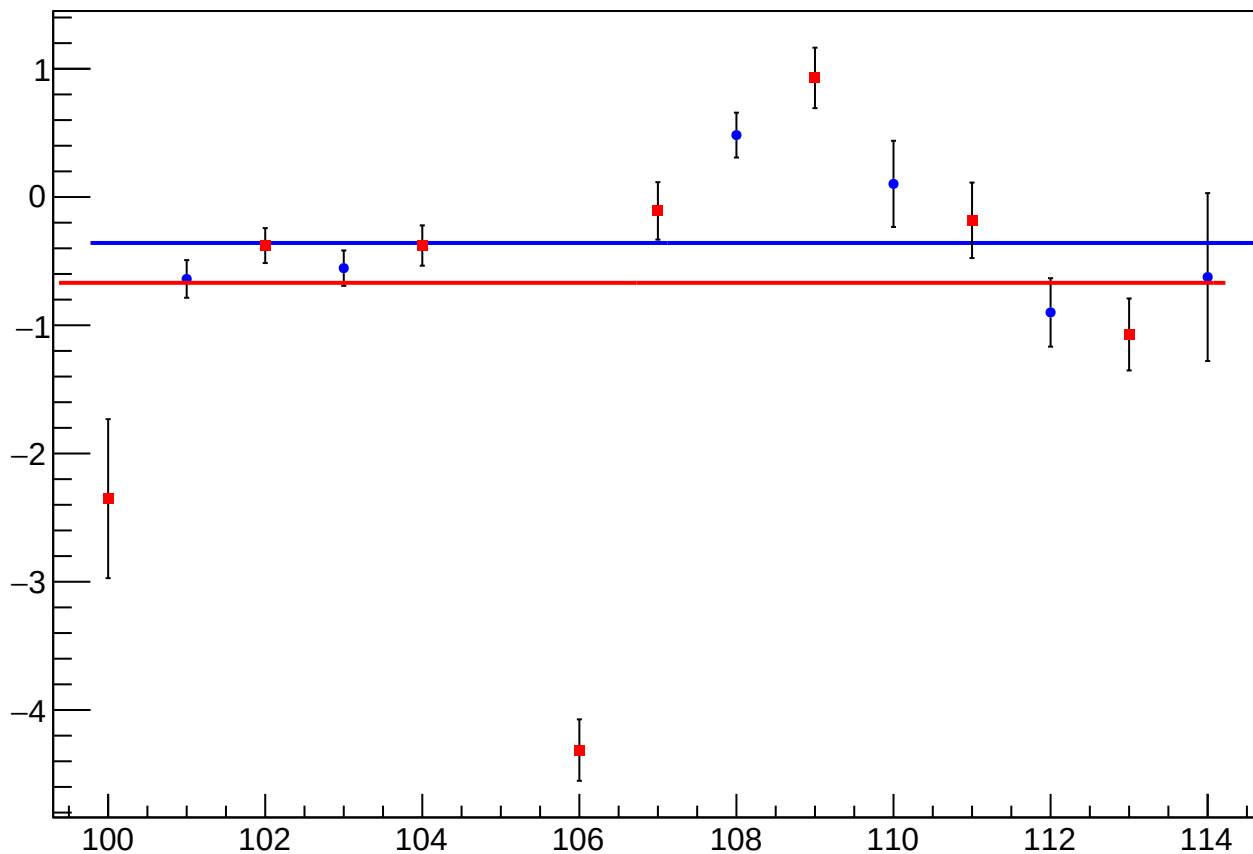
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -59.200 $\pm$ 1.287 χ^2 /NDF: 1390.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.358 ± 0.080 χ^2/NDF : 34.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.669 ± 0.075 χ^2/NDF : 303.6/7

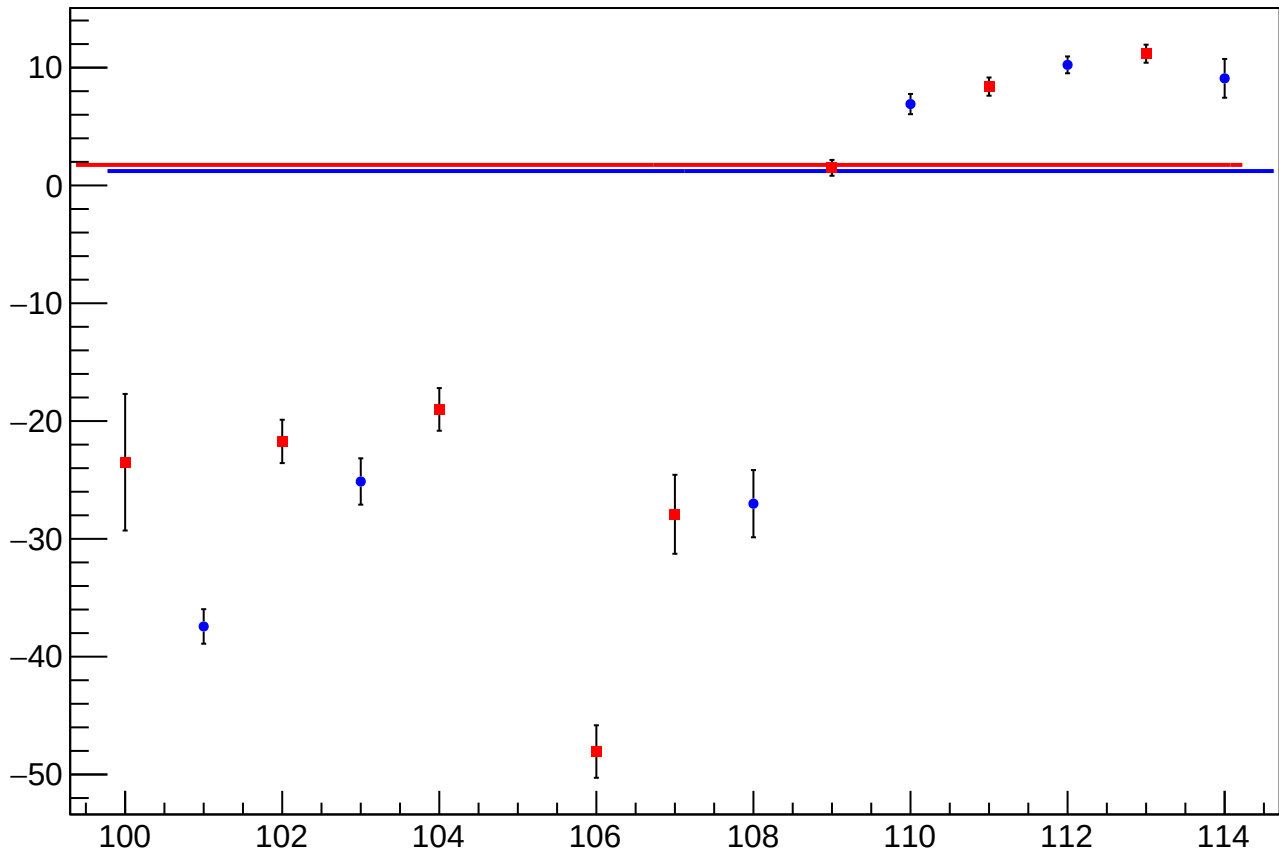
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.523 ± 0.055 χ^2/NDF : 346.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 1.222 $\pm$ 0.470 χ^2 /NDF: 1200.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.744 $\pm$ 0.392 χ^2 /NDF: 1116.6/7

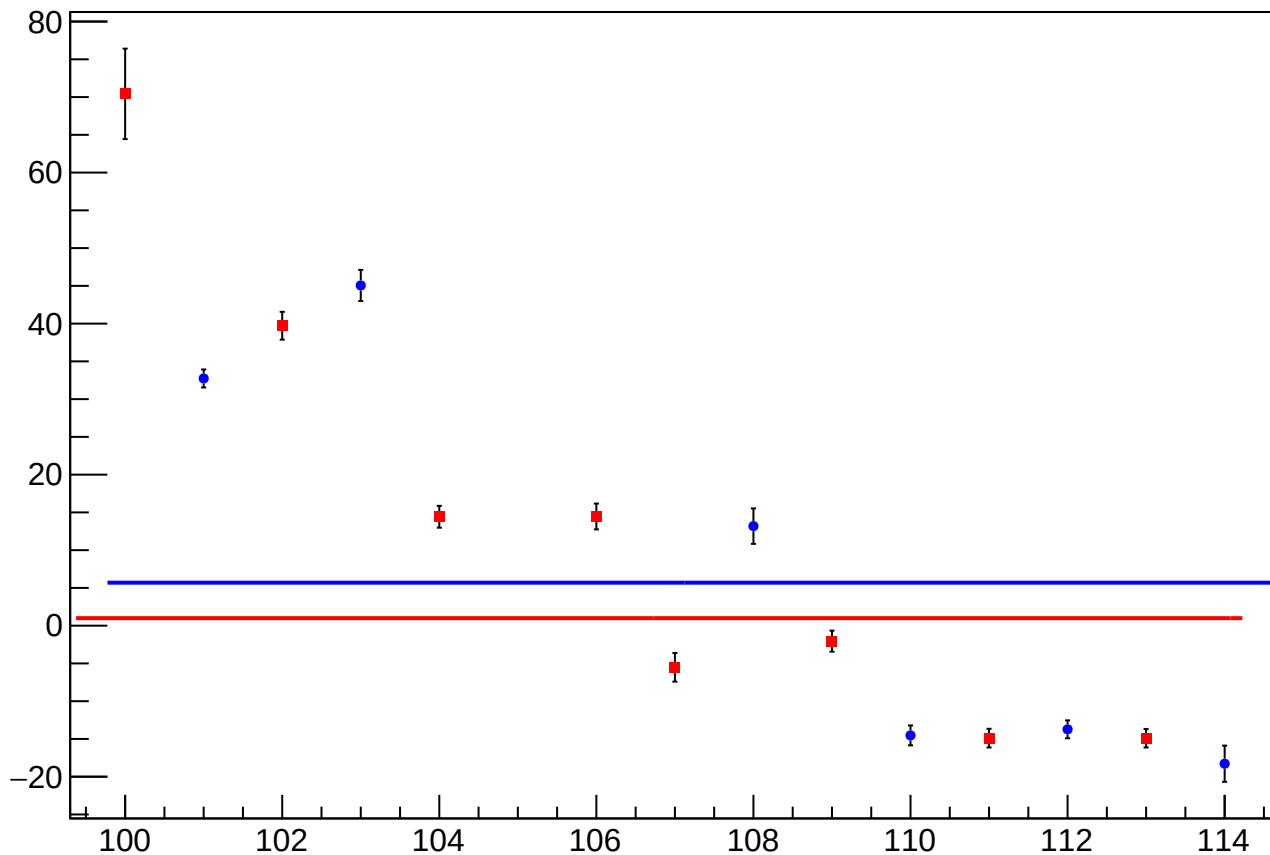
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.530 $\pm$ 0.301 χ^2 /NDF: 2317.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: 5.696 $\pm$ 0.622 χ^2 /NDF: 1493.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.995 $\pm$ 0.554 χ^2 /NDF: 1076.0/7

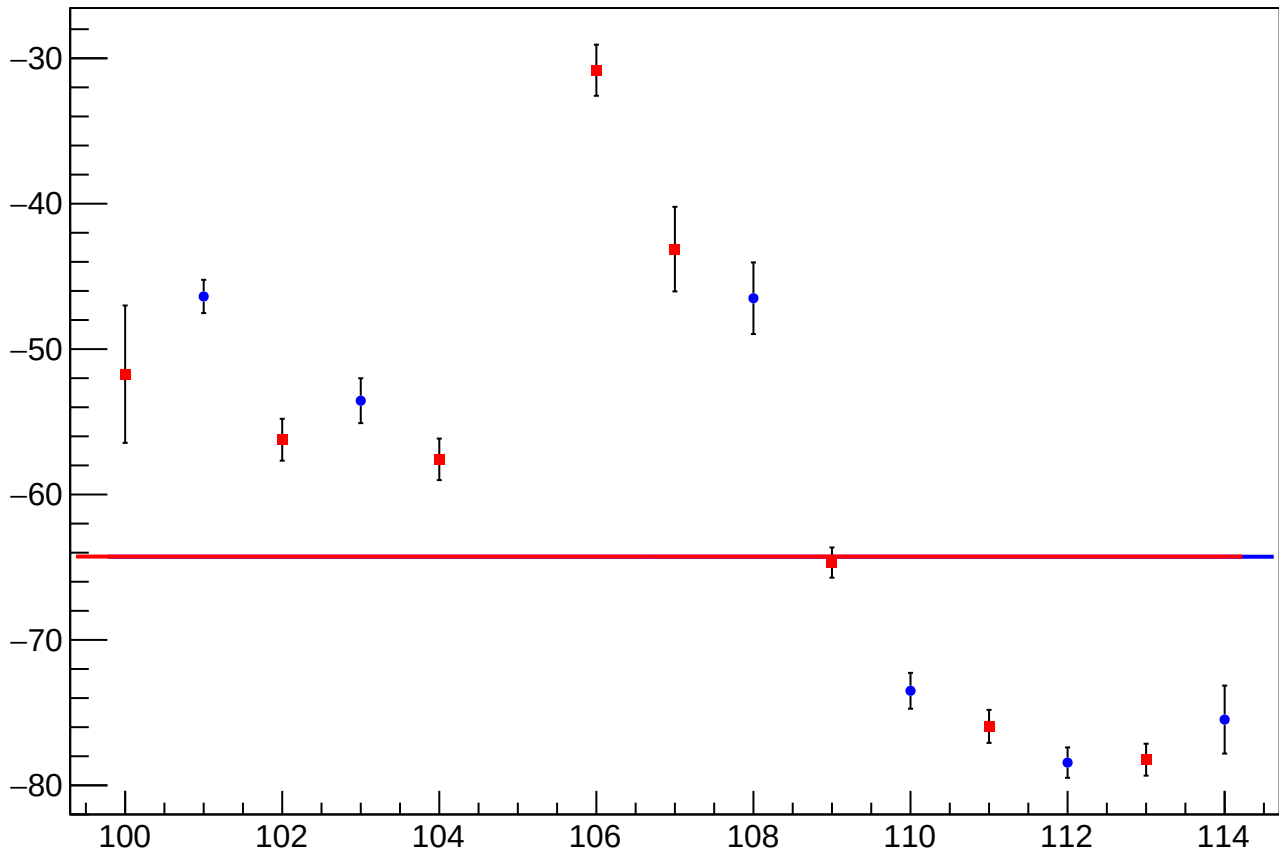
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.072 $\pm$ 0.414 χ^2 /NDF: 2601.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -64.279+/-0.568 χ^2/NDF : 606.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.266+/-0.501 χ^2/NDF : 743.0/7

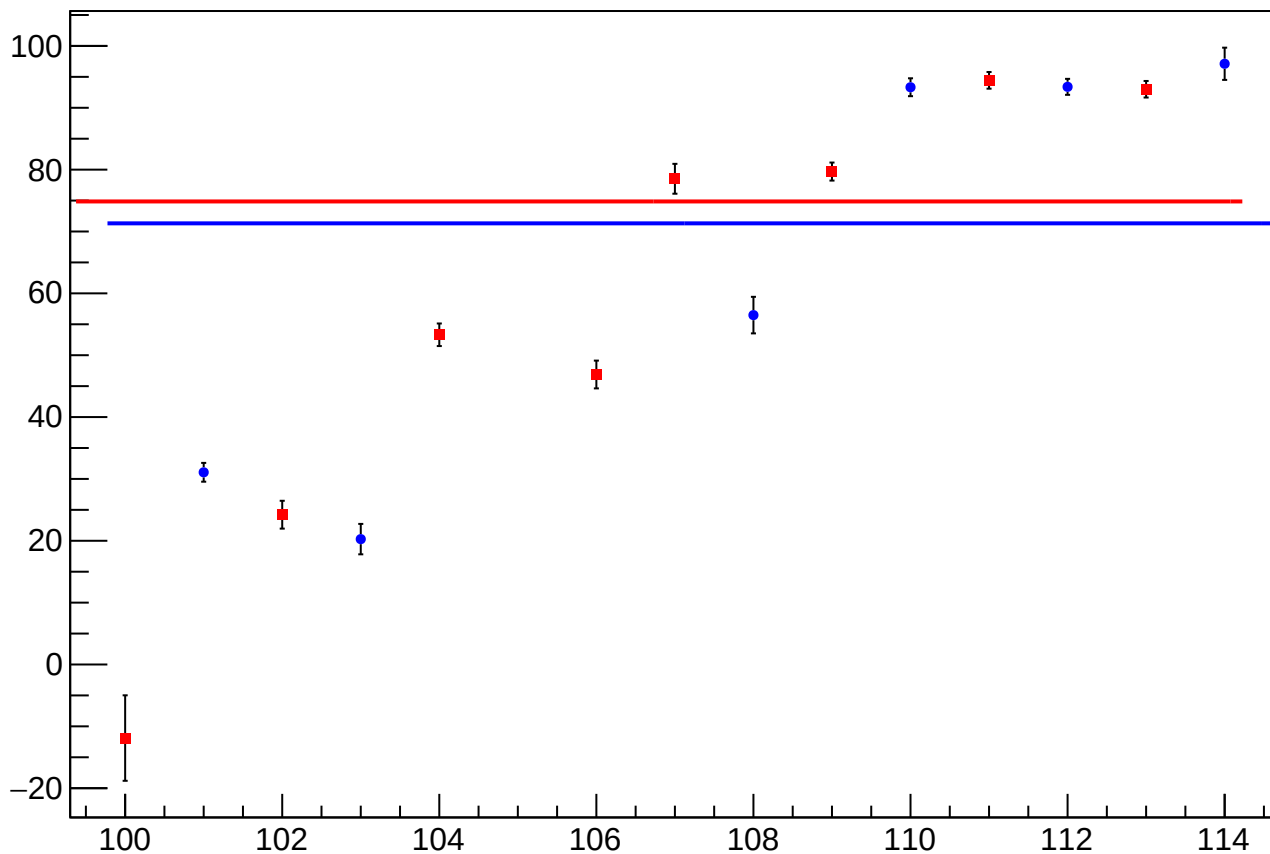
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.272+/-0.375 χ^2/NDF : 1349.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 71.317 $\pm$ 0.719 χ^2 /NDF: 1778.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.858 $\pm$ 0.636 χ^2 /NDF: 1367.2/7

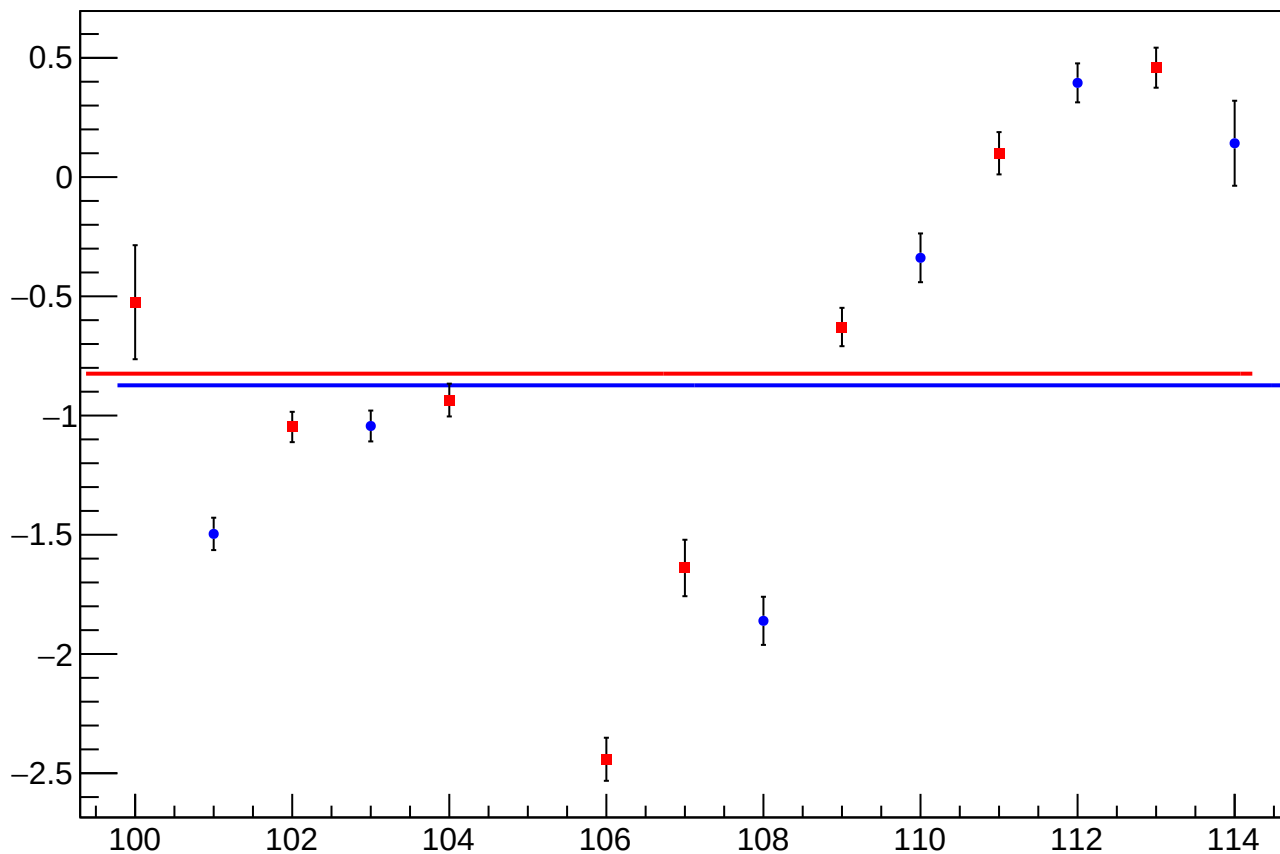
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.302 $\pm$ 0.476 χ^2 /NDF: 3159.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.873 ± 0.035 χ^2/NDF : 487.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.824 ± 0.030 χ^2/NDF : 732.8/7

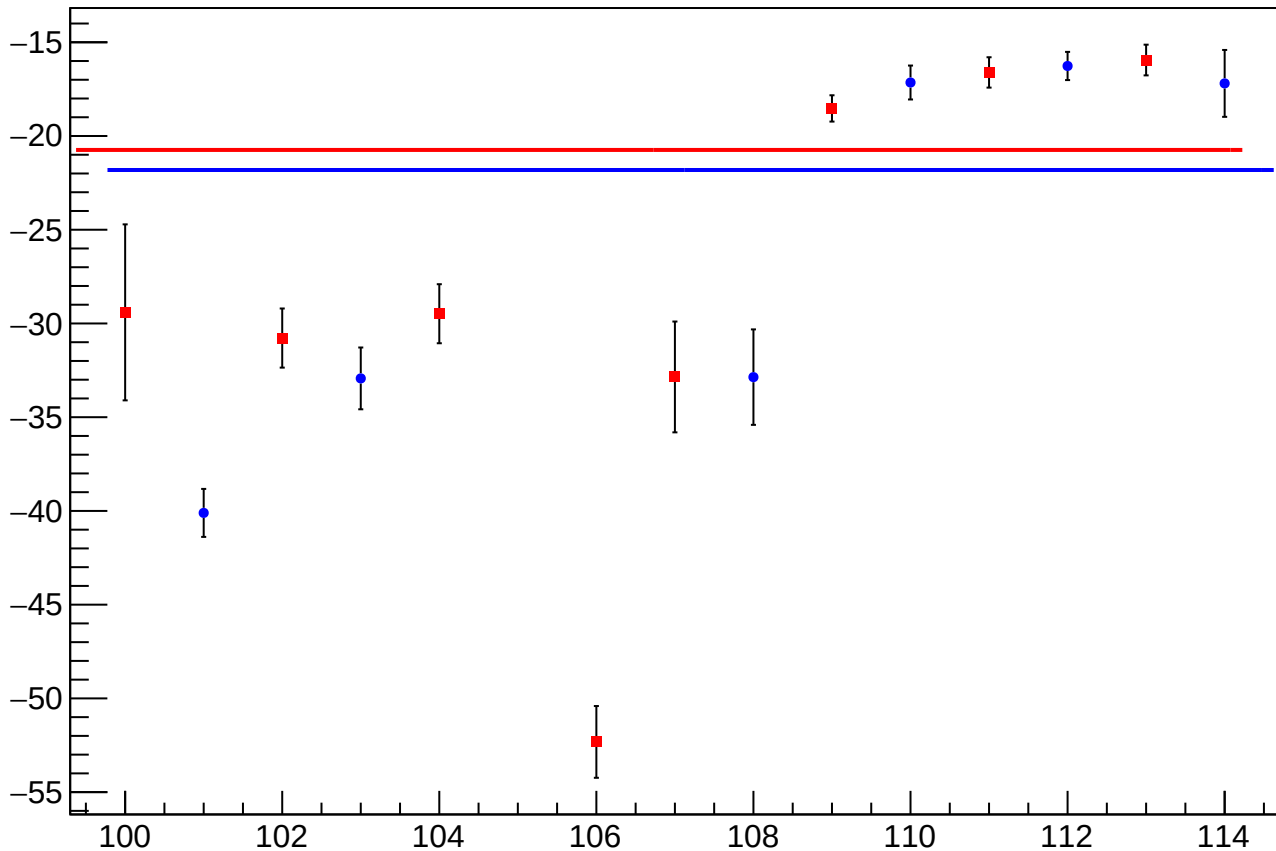
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.846 ± 0.023 χ^2/NDF : 1221.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -21.814 $\pm$ 0.475 χ^2 /NDF: 356.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.744 $\pm$ 0.399 χ^2 /NDF: 433.9/7

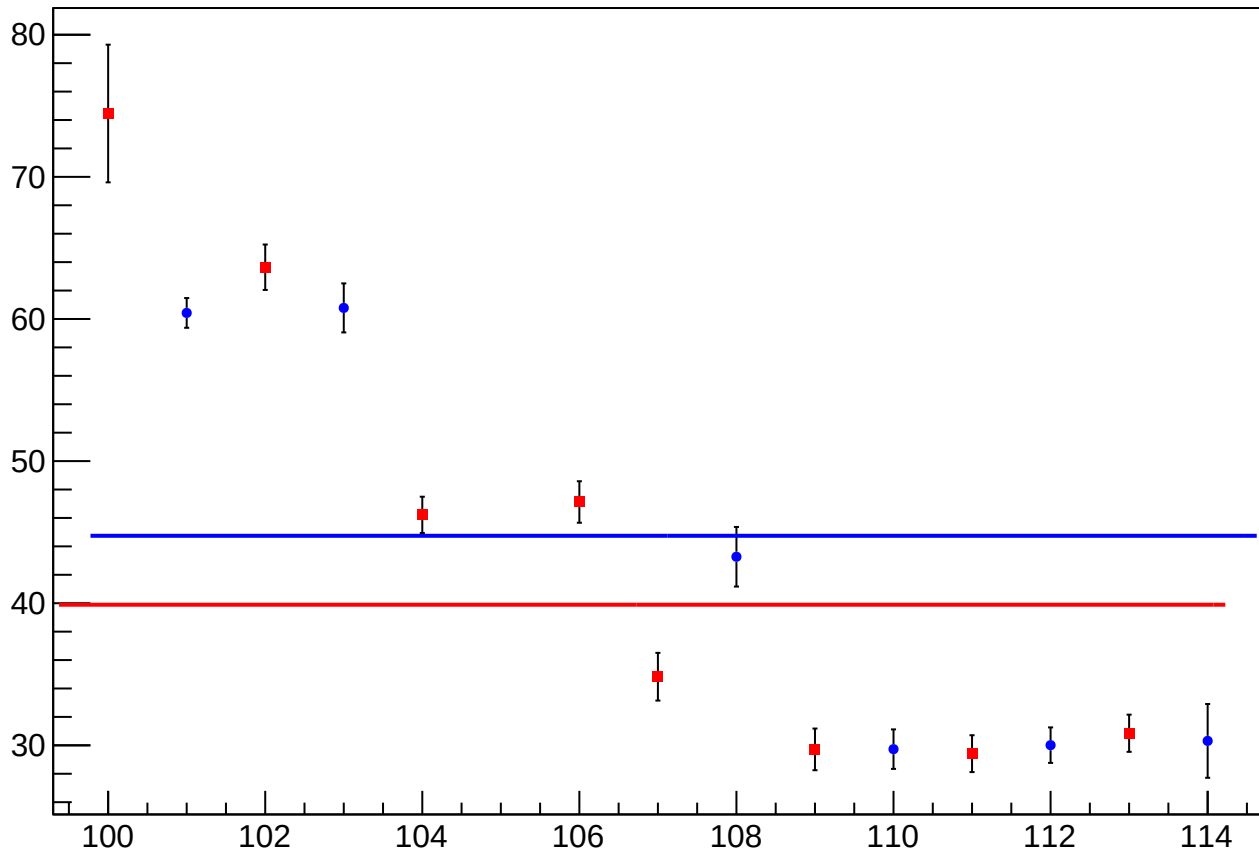
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.186 $\pm$ 0.305 χ^2 /NDF: 793.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 44.745 $\pm$ 0.599 χ^2 /NDF: 598.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.894 $\pm$ 0.533 χ^2 /NDF: 491.2/7

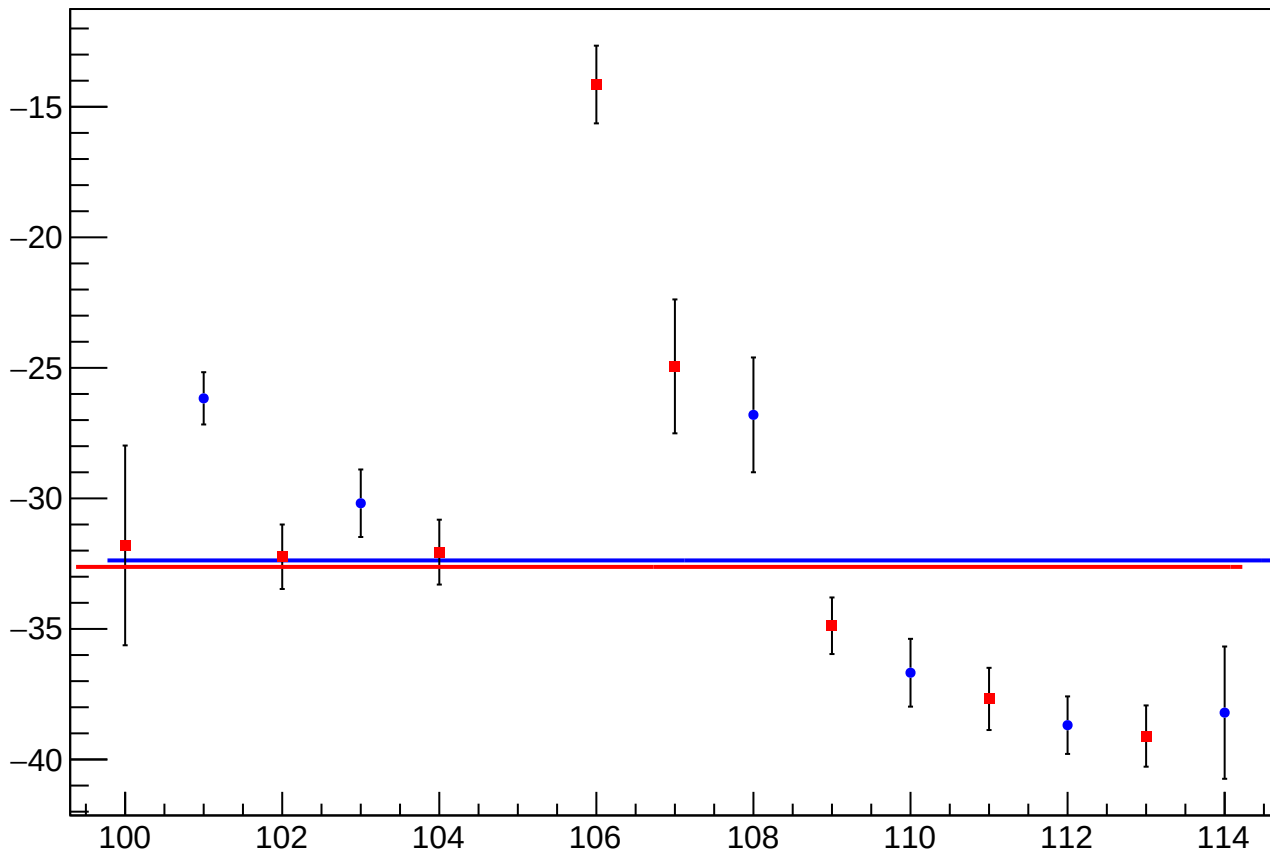
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.037 $\pm$ 0.398 χ^2 /NDF: 1126.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -32.376 ± 0.544 $\chi^2/\text{NDF}: 96.8/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -32.624 ± 0.485 $\chi^2/\text{NDF}: 216.3/7$

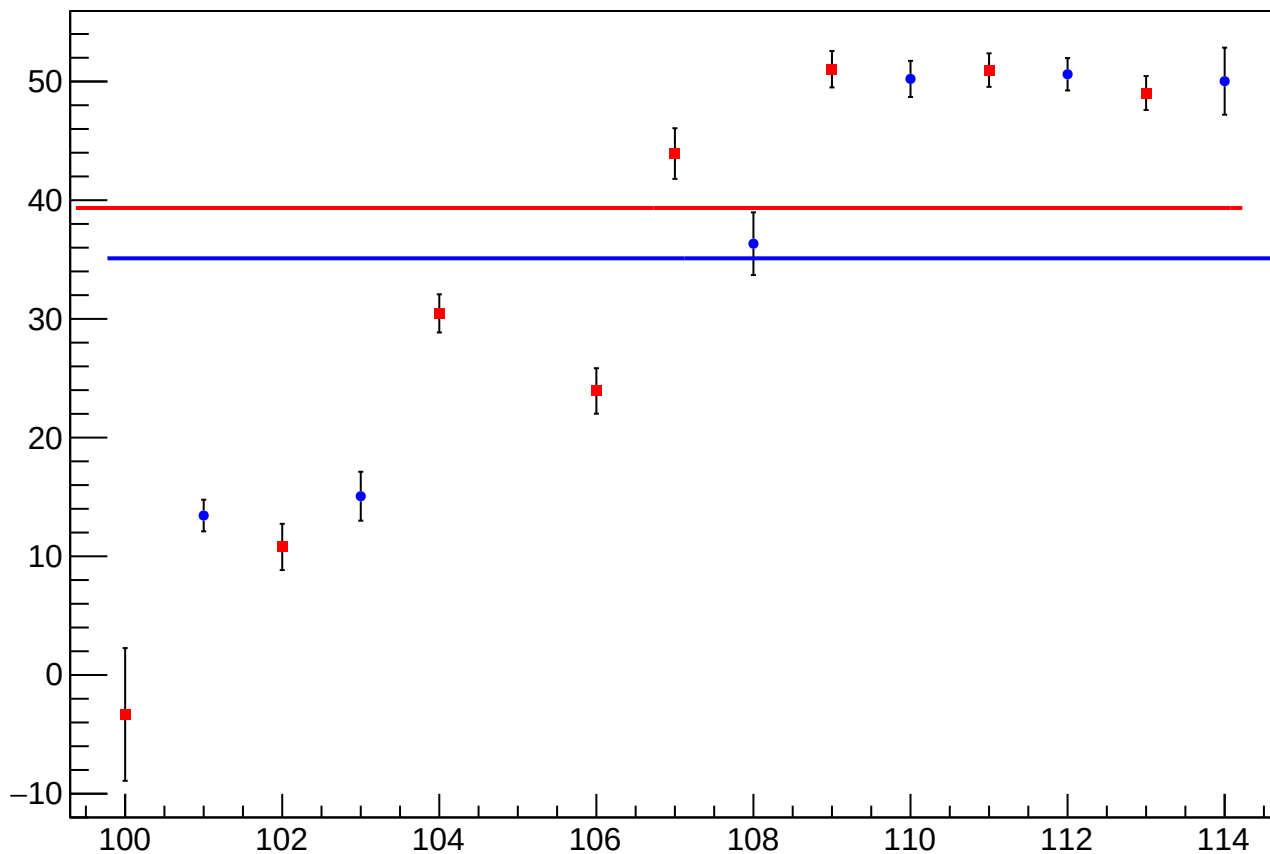
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -32.514 ± 0.362 $\chi^2/\text{NDF}: 313.3/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 35.103 $\pm$ 0.700 χ^2 /NDF: 615.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.345 $\pm$ 0.621 χ^2 /NDF: 544.9/7

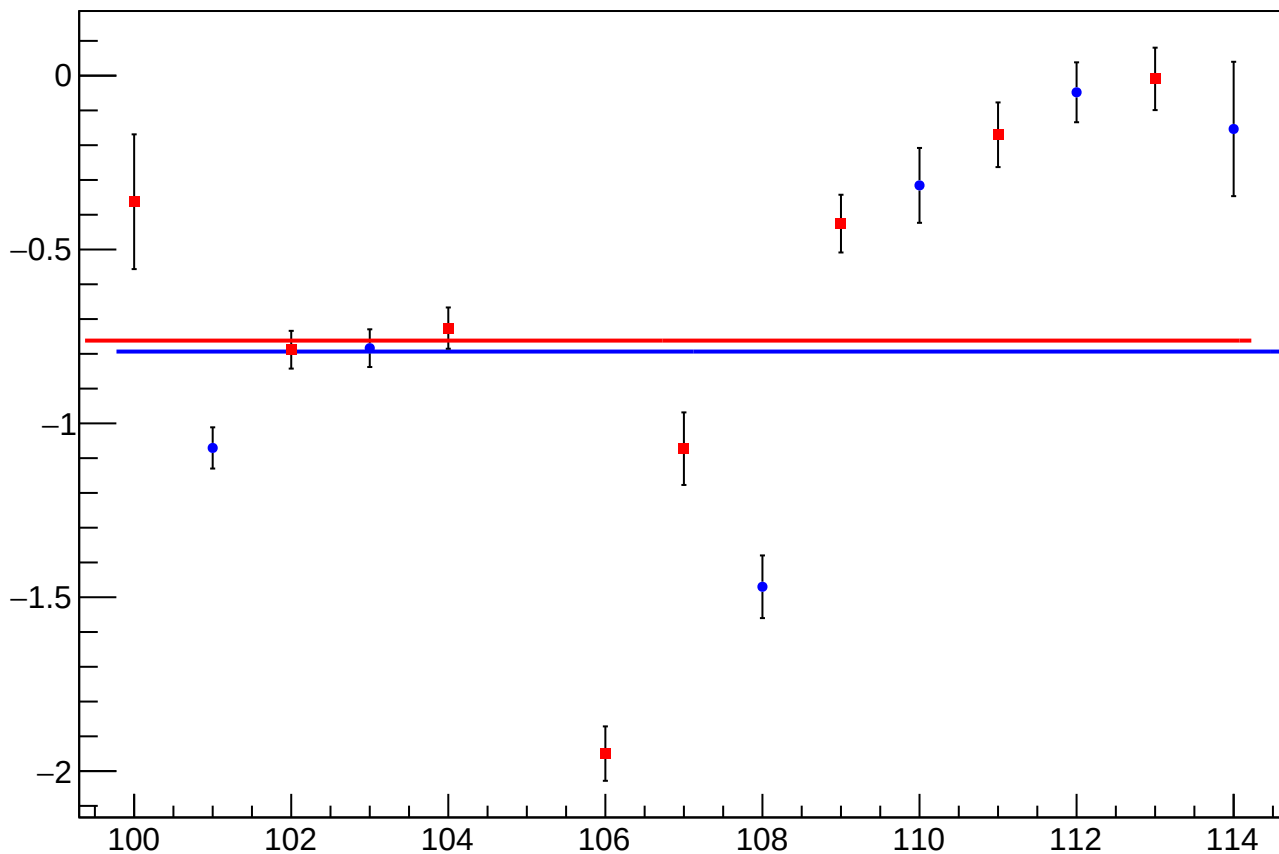
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.477 $\pm$ 0.465 χ^2 /NDF: 1180.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.793 ± 0.032 χ^2/NDF : 183.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.762 ± 0.028 χ^2/NDF : 371.5/7

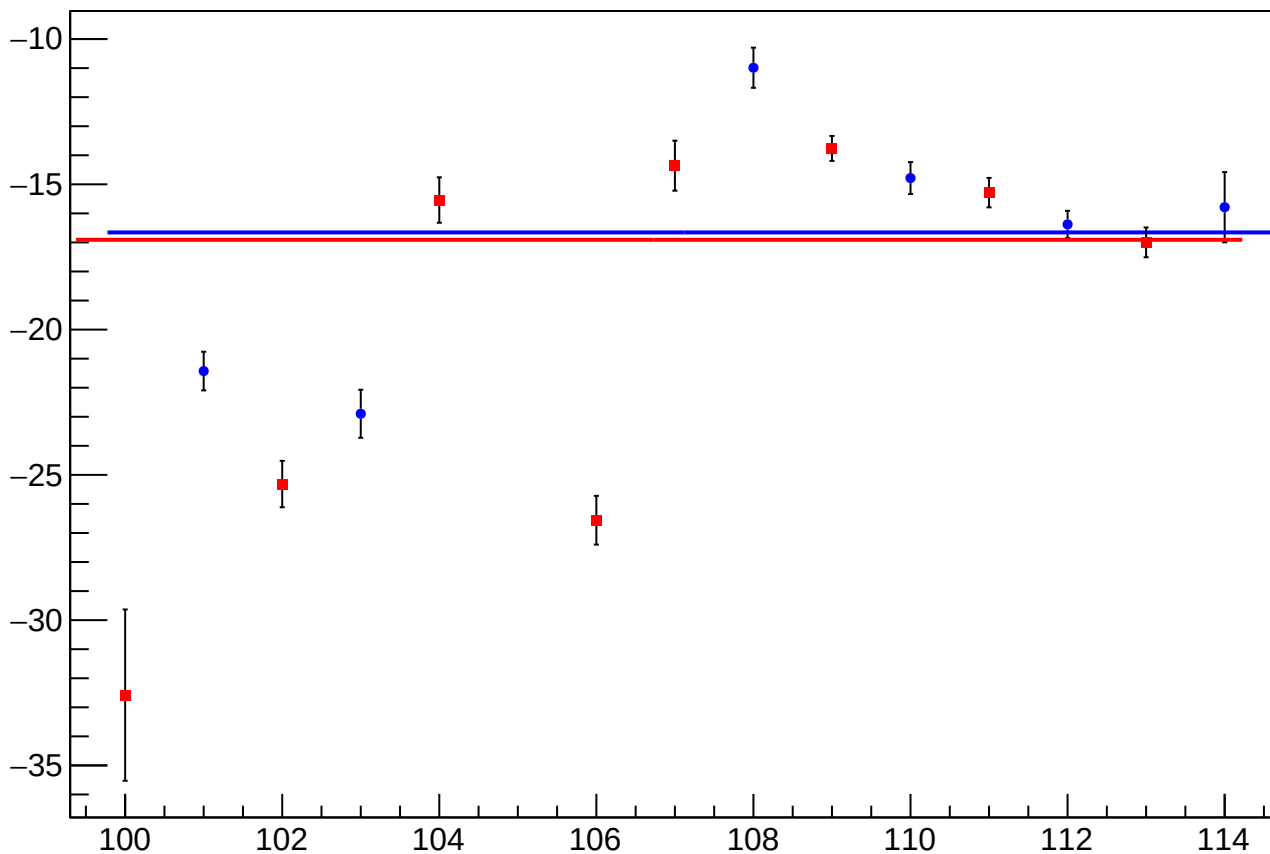
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.776 ± 0.021 χ^2/NDF : 555.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -16.655+/-0.264 χ^2/NDF : 188.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.909+/-0.228 χ^2/NDF : 347.3/7

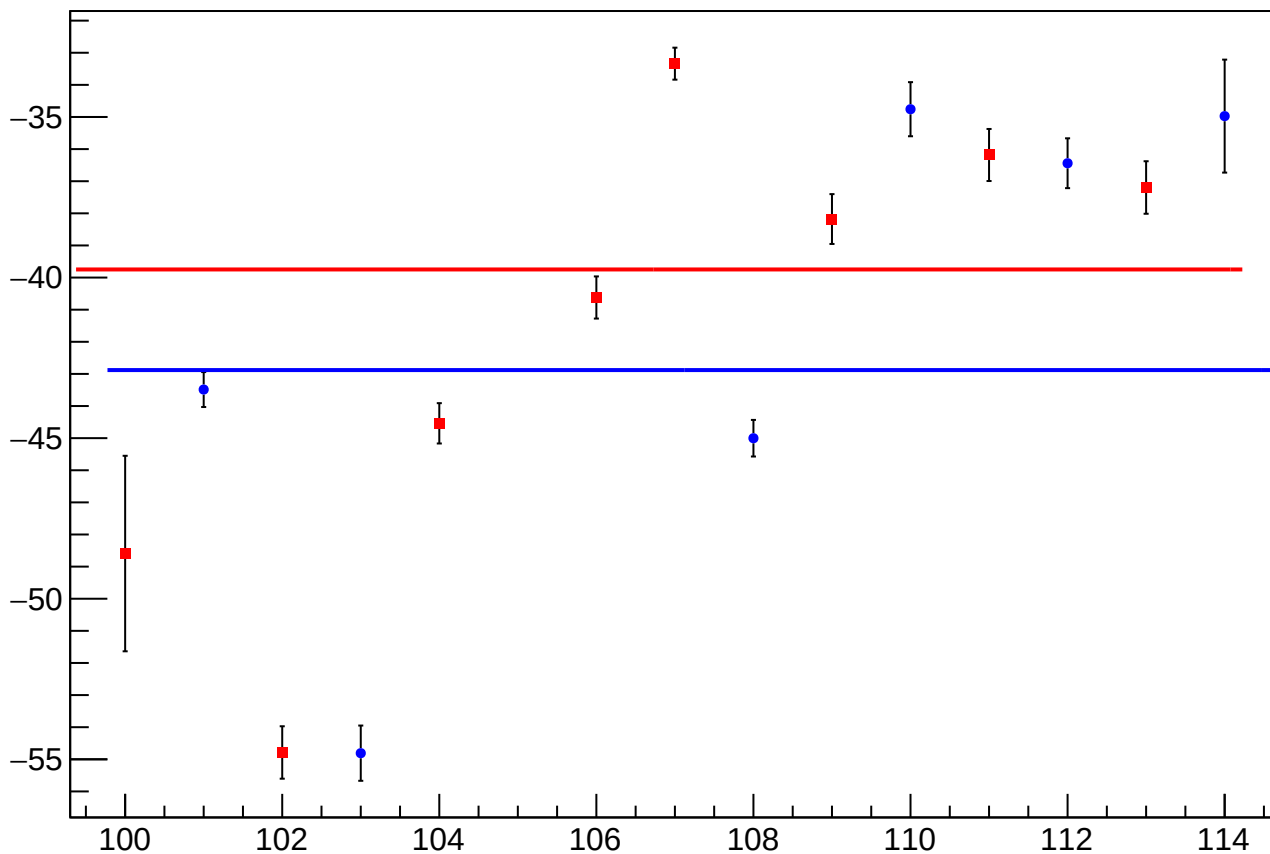
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.800+/-0.173 χ^2/NDF : 535.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -42.880 ± 0.299 χ^2/NDF : 389.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.748 ± 0.257 χ^2/NDF : 606.6/7

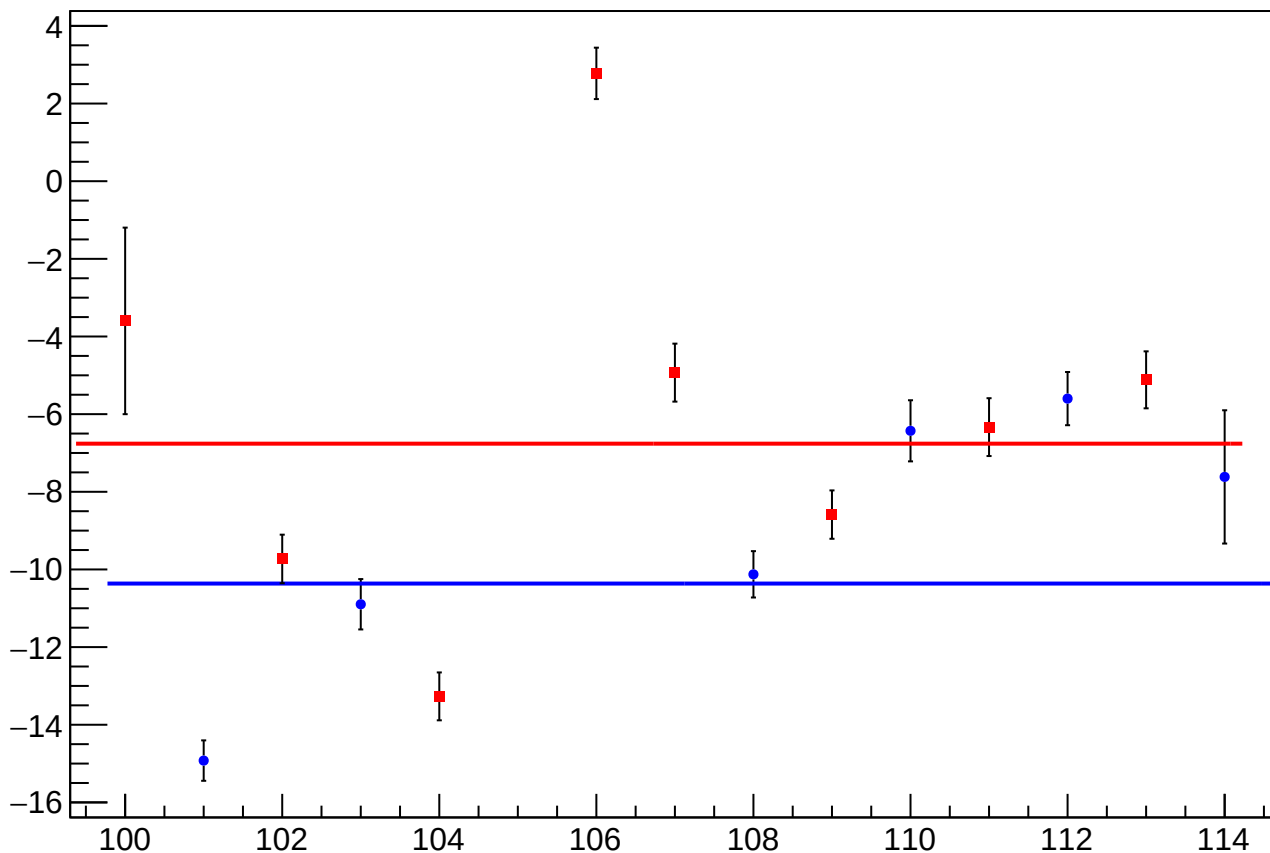
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.078 ± 0.195 χ^2/NDF : 1059.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.363 ± 0.278 χ^2/NDF : 153.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.760 ± 0.253 χ^2/NDF : 363.2/7

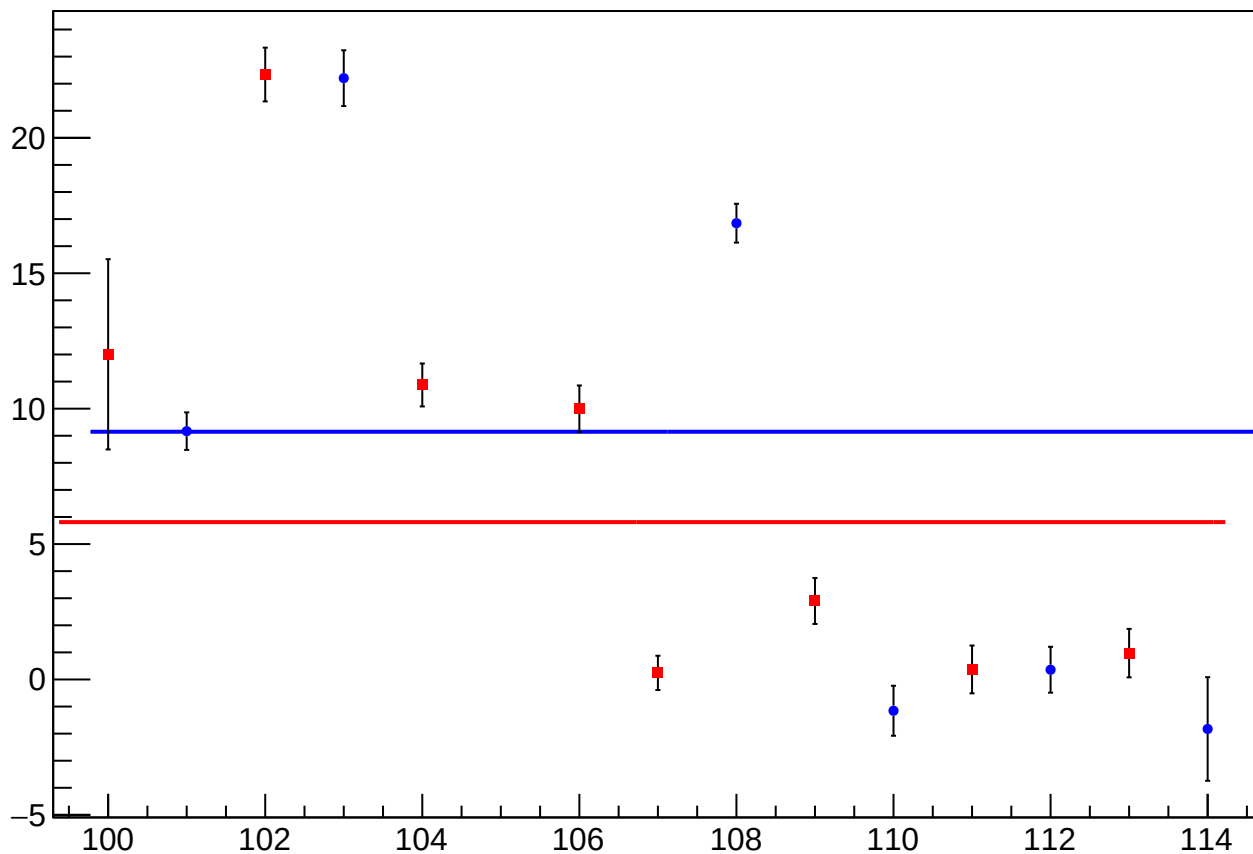
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.391 ± 0.187 χ^2/NDF : 608.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: 9.148 $\pm$ 0.358 χ^2 /NDF: 541.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.811 $\pm$ 0.309 χ^2 /NDF: 501.6/7

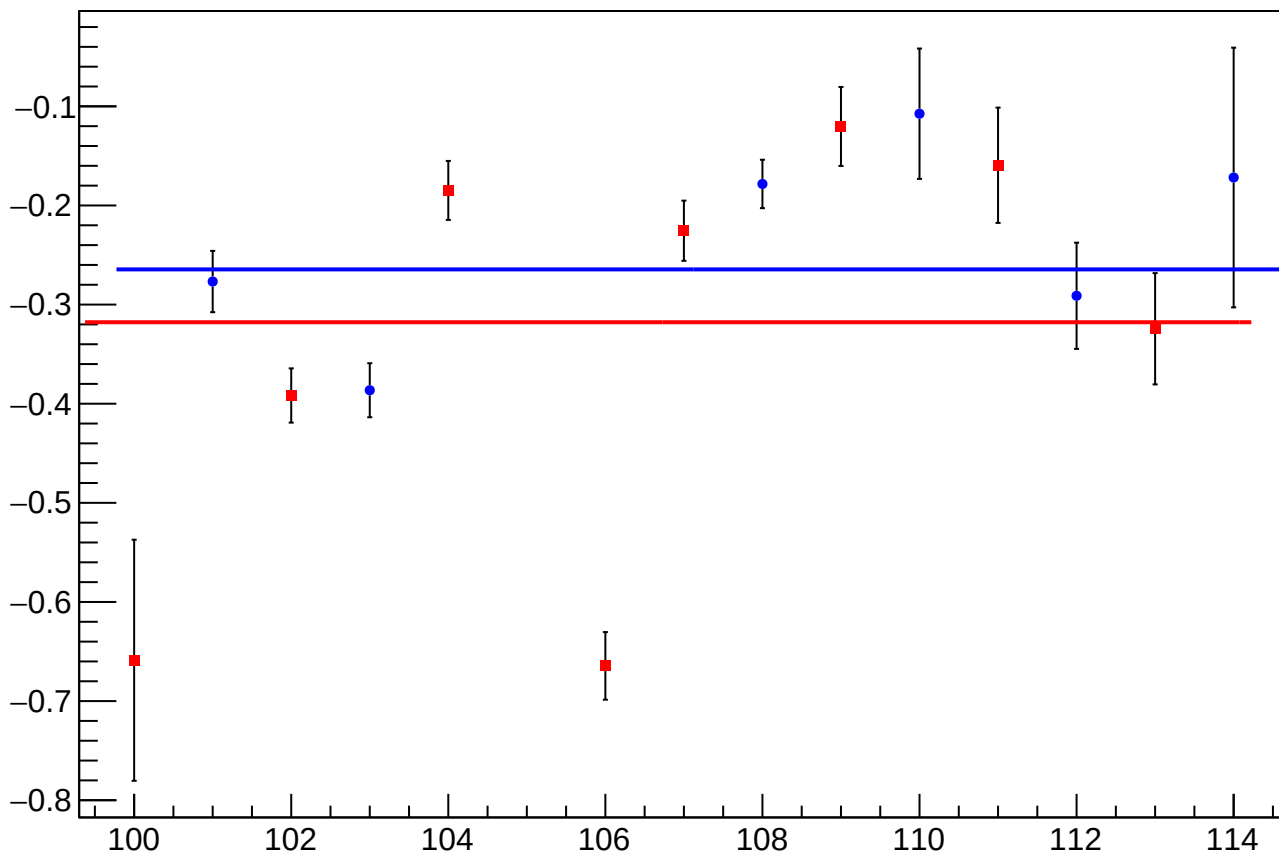
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.237 $\pm$ 0.234 χ^2 /NDF: 1092.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.265 ± 0.015 χ^2/NDF : 39.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.318 ± 0.013 χ^2/NDF : 179.6/7

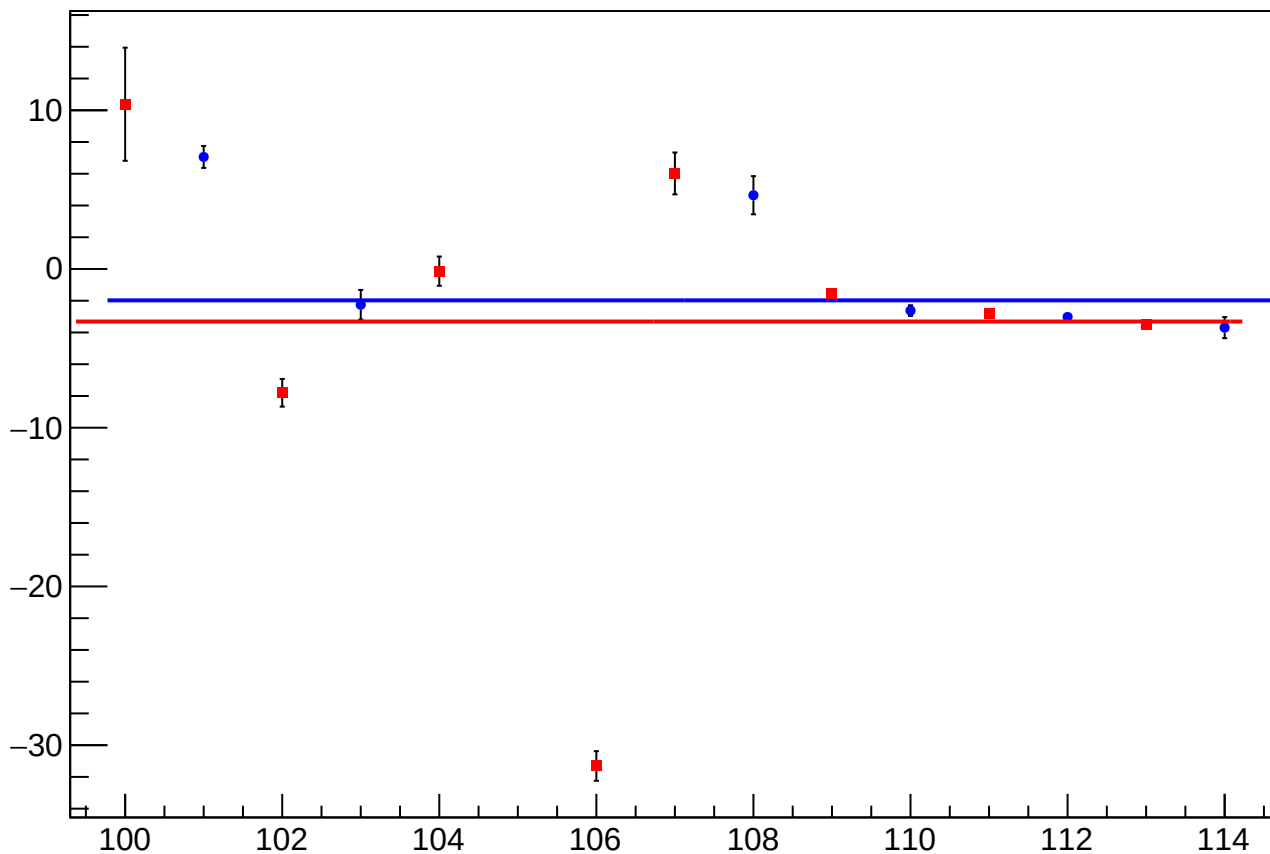
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.294 ± 0.010 χ^2/NDF : 226.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -1.976+/-0.189 χ^2/NDF : 226.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.310+/-0.159 χ^2/NDF : 1051.4/7

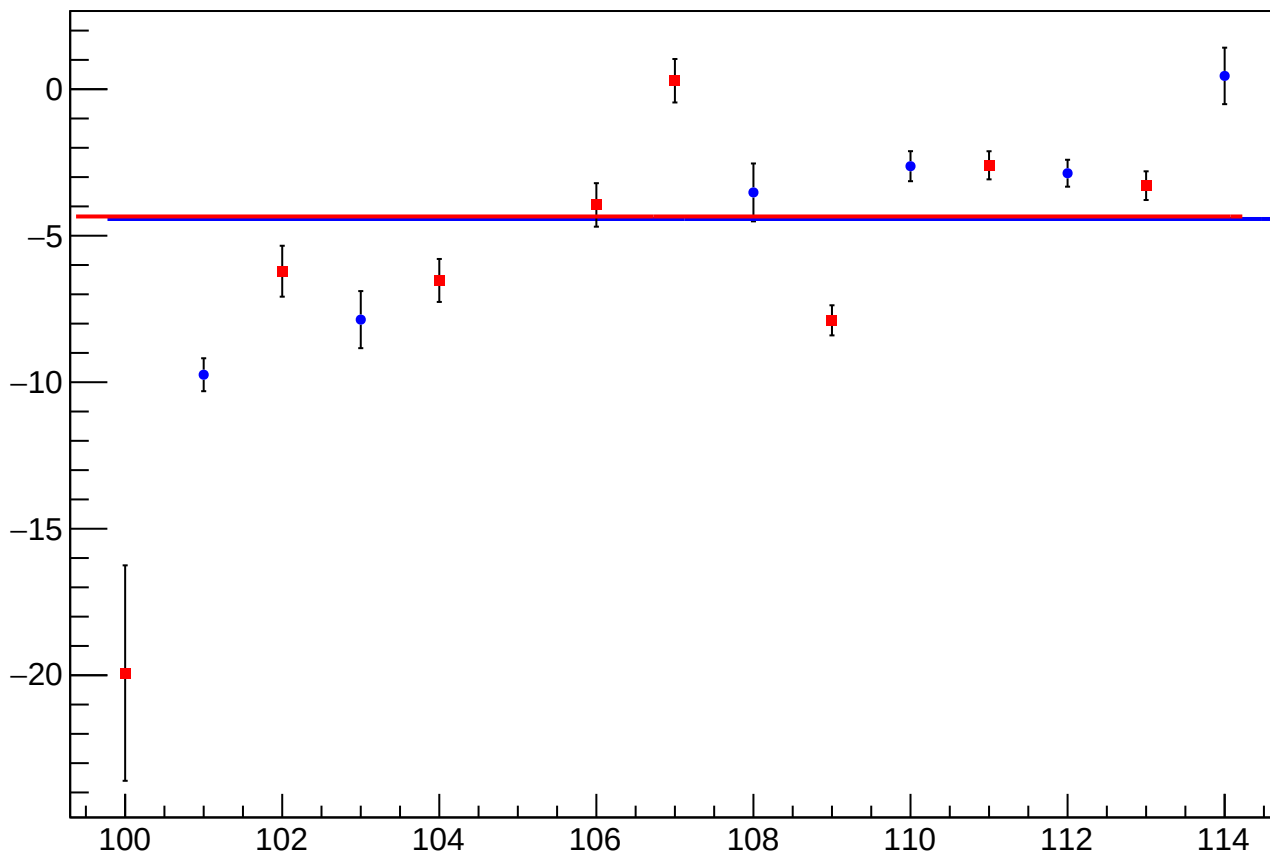
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.757+/-0.122 χ^2/NDF : 1306.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -4.429 ± 0.259 χ^2/NDF : 152.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.344 ± 0.228 χ^2/NDF : 136.2/7

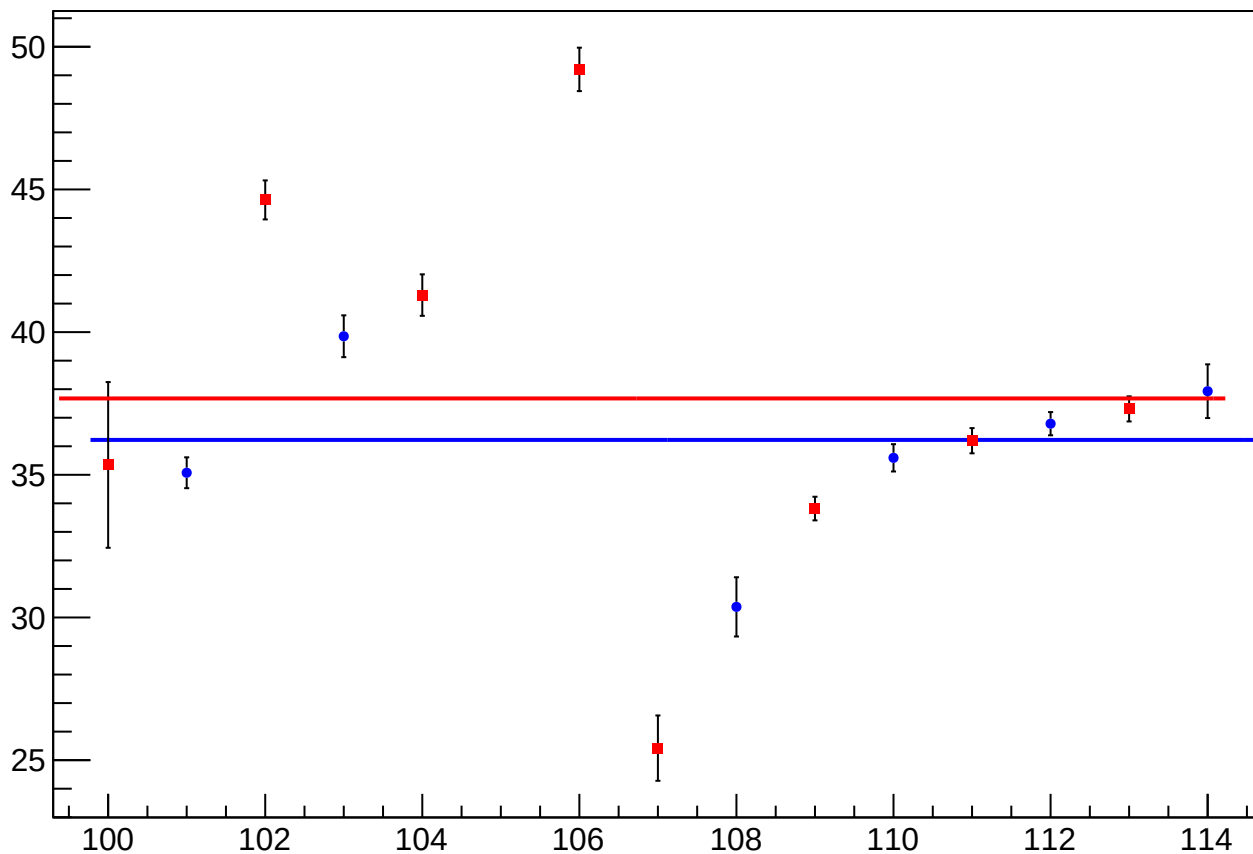
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.381 ± 0.171 χ^2/NDF : 288.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 36.223+/-0.237 χ^2/NDF : 67.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.676+/-0.210 χ^2/NDF : 572.0/7

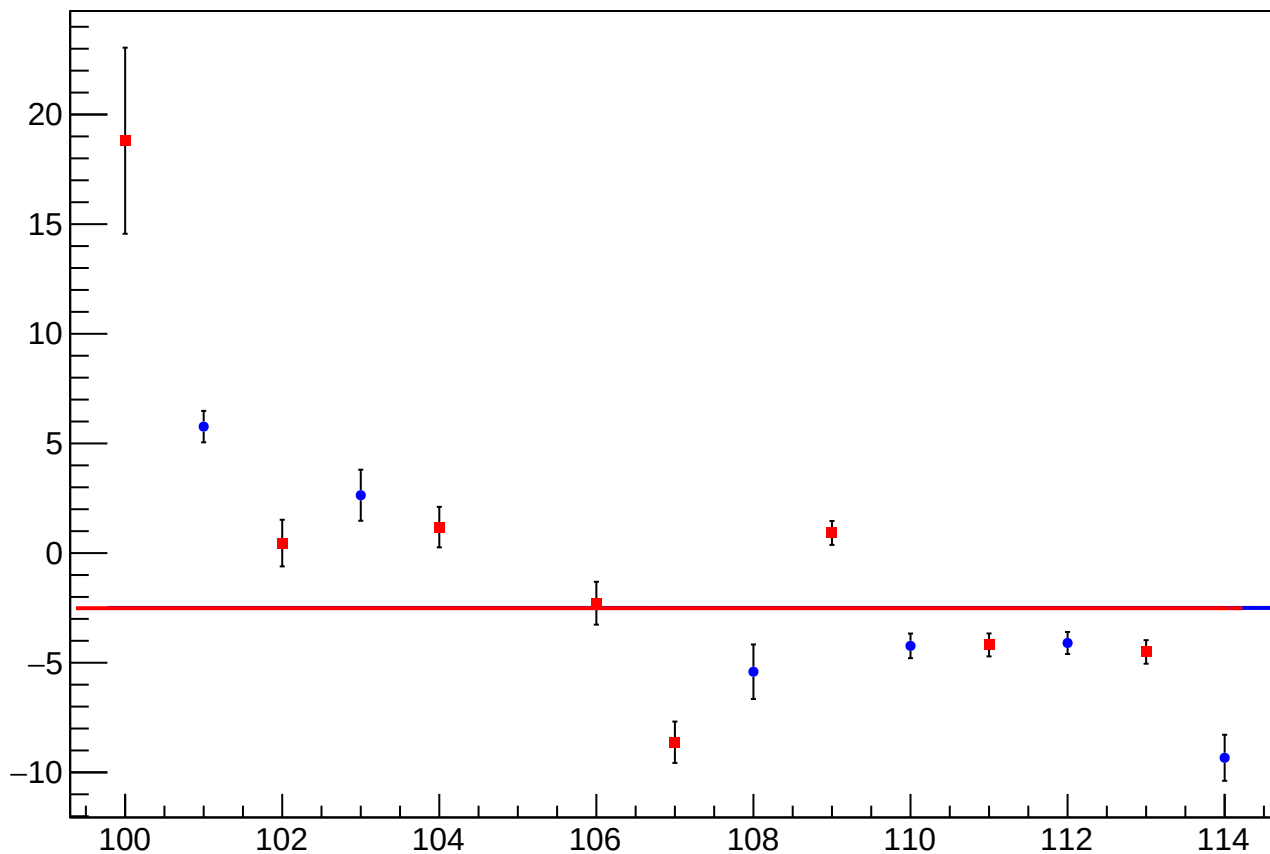
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.040+/-0.157 χ^2/NDF : 660.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: -2.501 ± 0.297 $\chi^2/\text{NDF}: 220.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.514 ± 0.260 $\chi^2/\text{NDF}: 154.7/7$

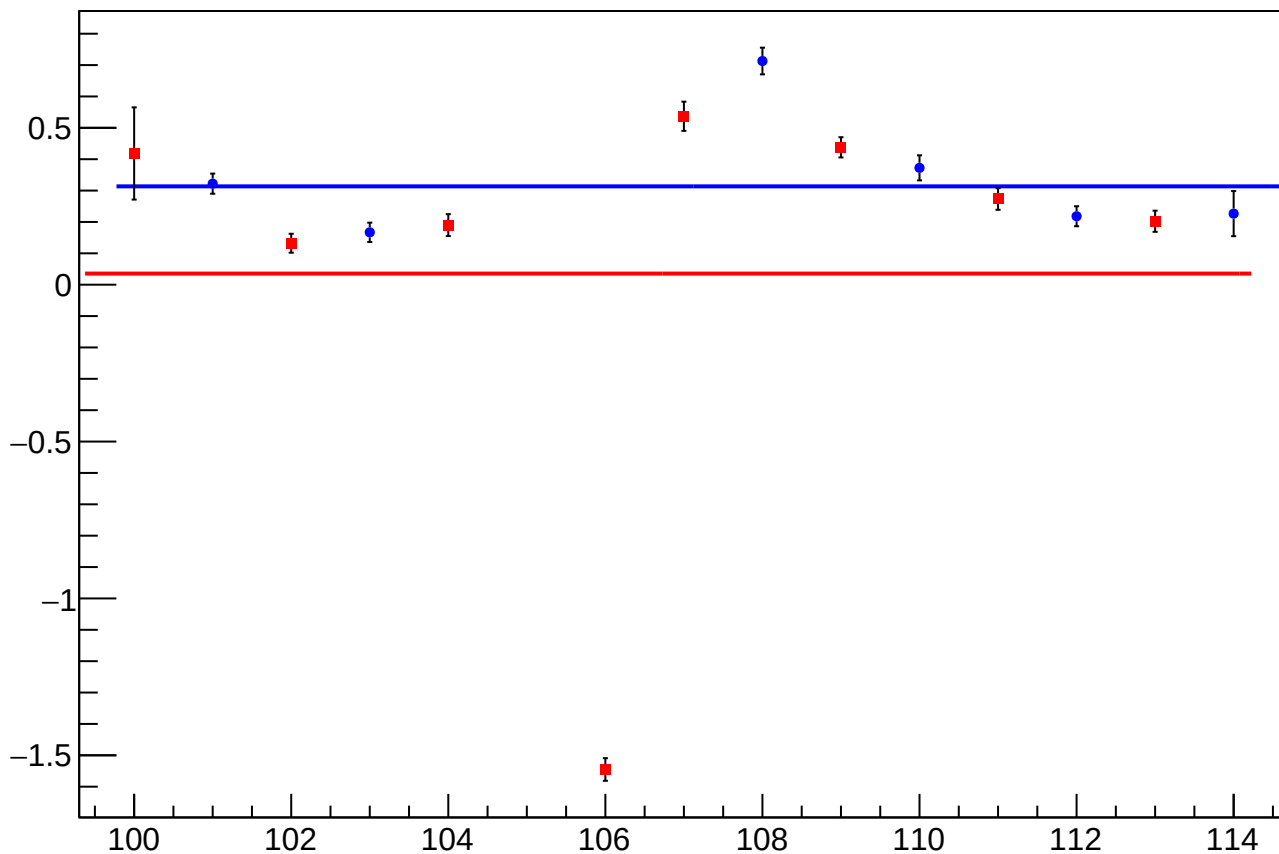
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.509 ± 0.196 $\chi^2/\text{NDF}: 374.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.313 ± 0.015 χ^2/NDF : 123.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.013 χ^2/NDF : 2300.4/7

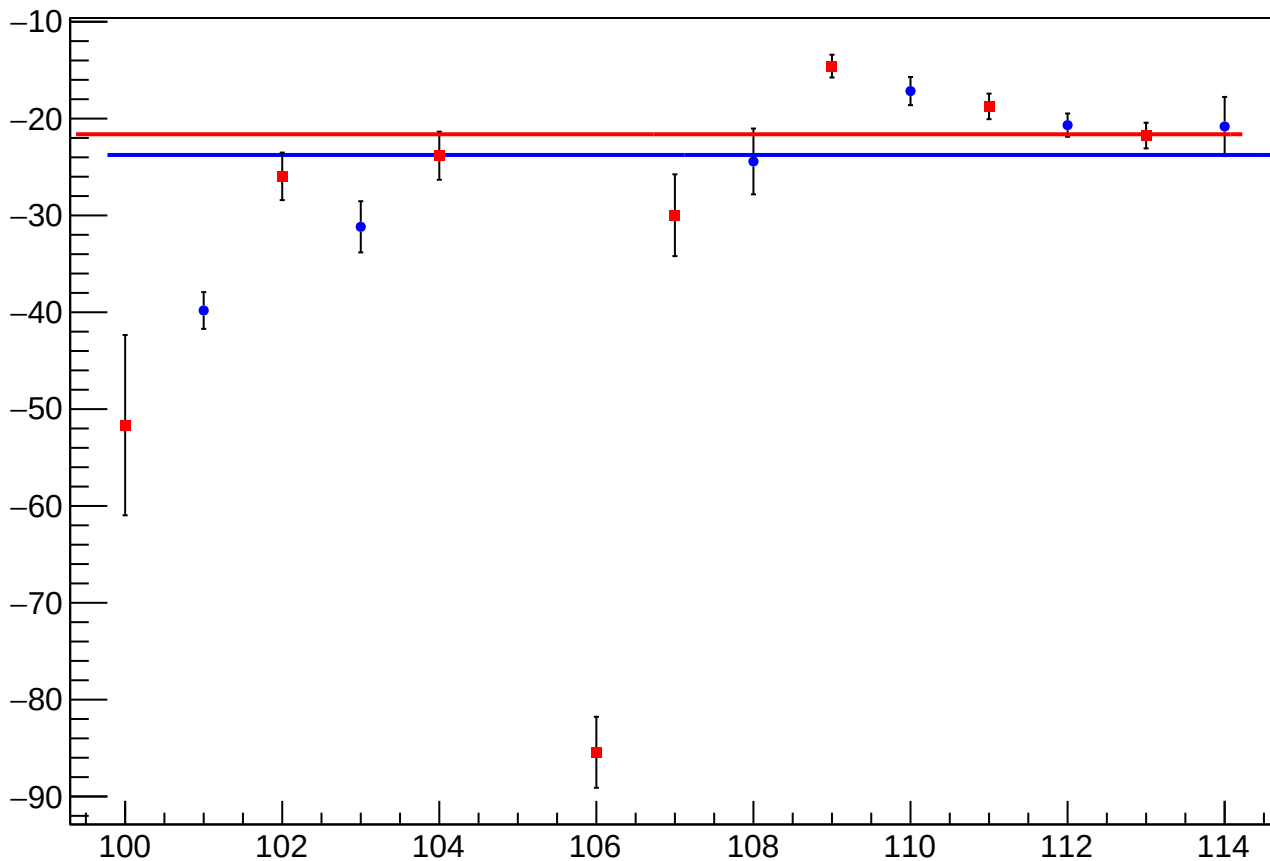
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.154 ± 0.010 χ^2/NDF : 2618.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -23.756 ± 0.749 χ^2/NDF : 107.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.618 ± 0.654 χ^2/NDF : 361.7/7

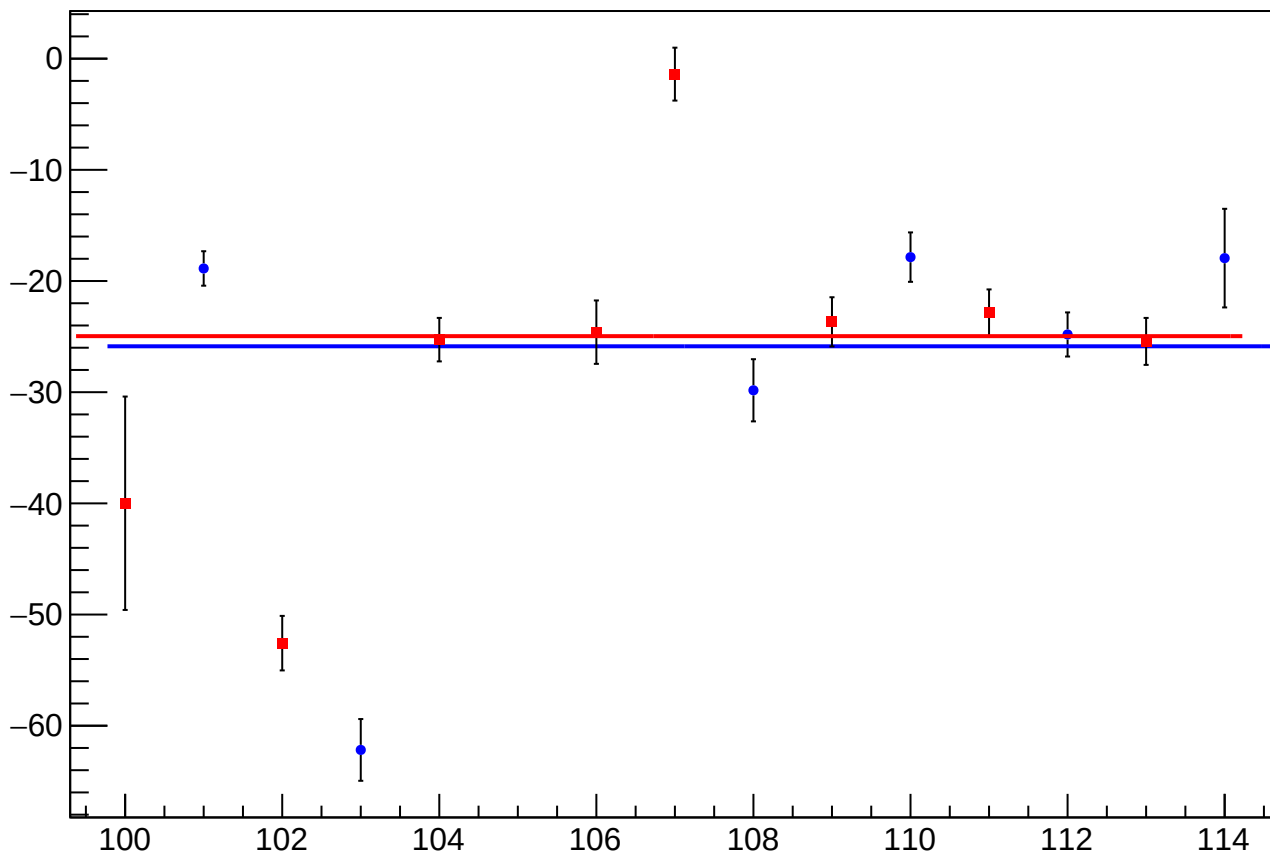
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.543 ± 0.493 χ^2/NDF : 473.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -25.872 ± 0.920 χ^2/NDF : 209.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.959 ± 0.848 χ^2/NDF : 228.7/7

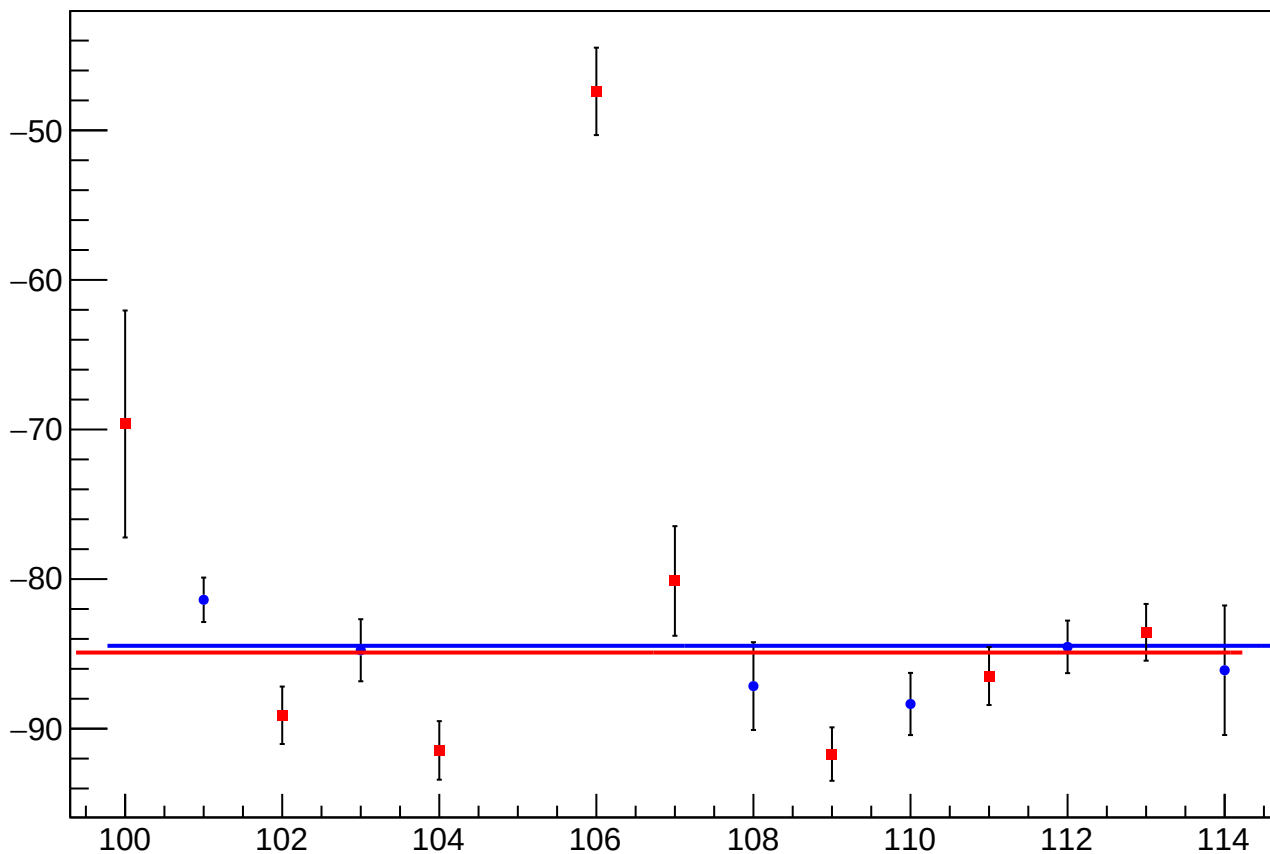
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.378 ± 0.623 χ^2/NDF : 439.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -84.460 ± 0.842 χ^2/NDF : 8.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -84.911 ± 0.791 χ^2/NDF : 202.1/7

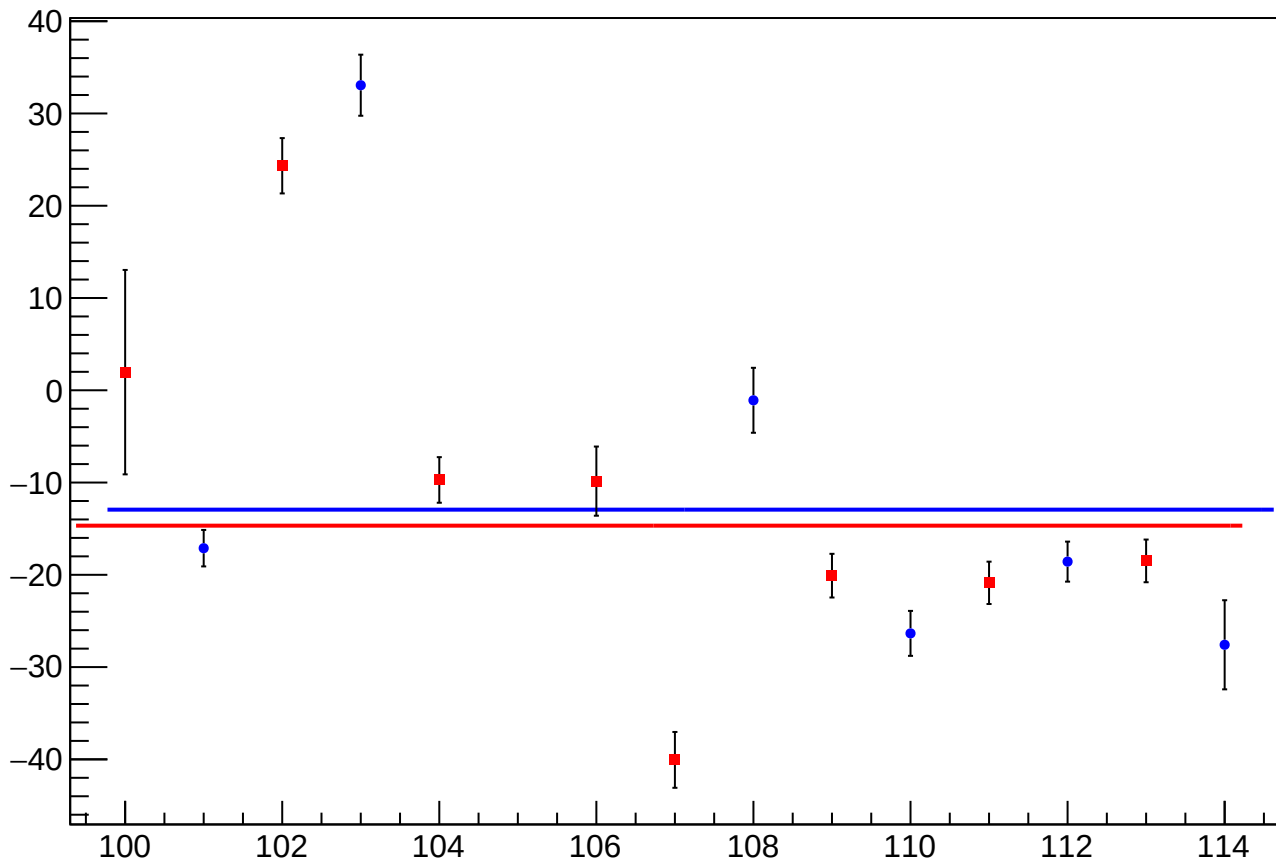
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.699 ± 0.576 χ^2/NDF : 211.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.937 ± 1.083 χ^2/NDF : 255.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.673 ± 0.991 χ^2/NDF : 262.9/7

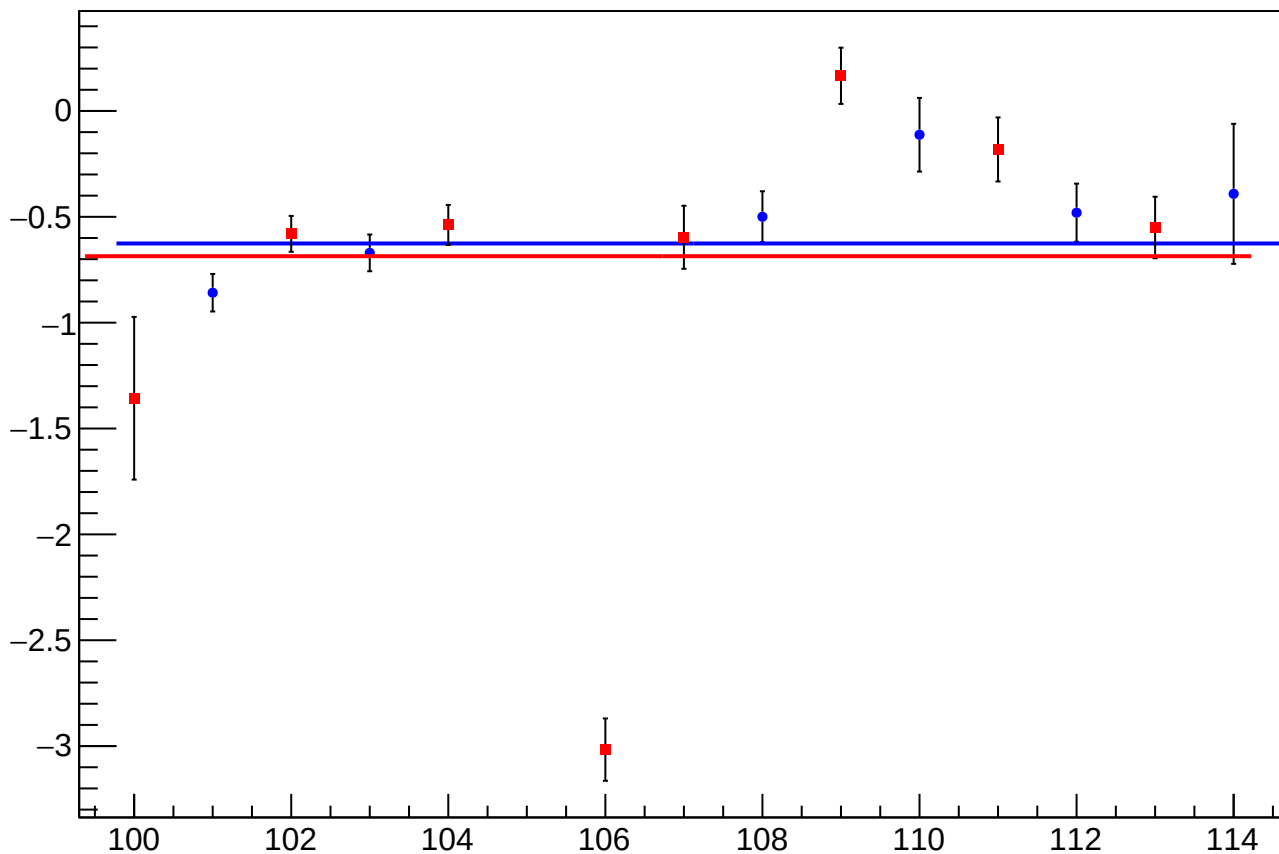
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.882 ± 0.731 χ^2/NDF : 519.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.626+/-0.049 χ^2 /NDF: 18.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.686+/-0.045 χ^2 /NDF: 311.1/7

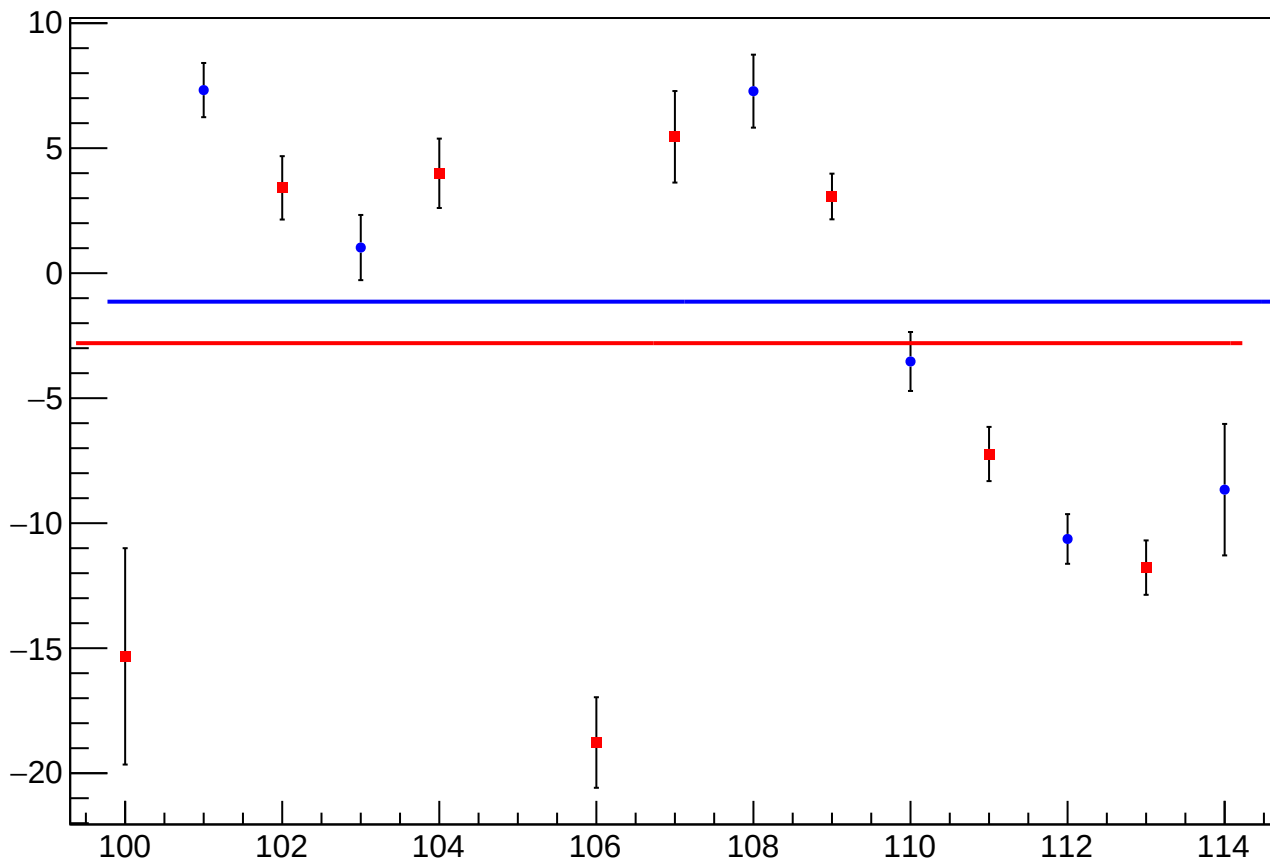
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.658+/-0.033 χ^2 /NDF: 330.5/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -1.140 $\pm$ 0.514 χ^2 /NDF: 200.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.799 $\pm$ 0.462 χ^2 /NDF: 280.6/7

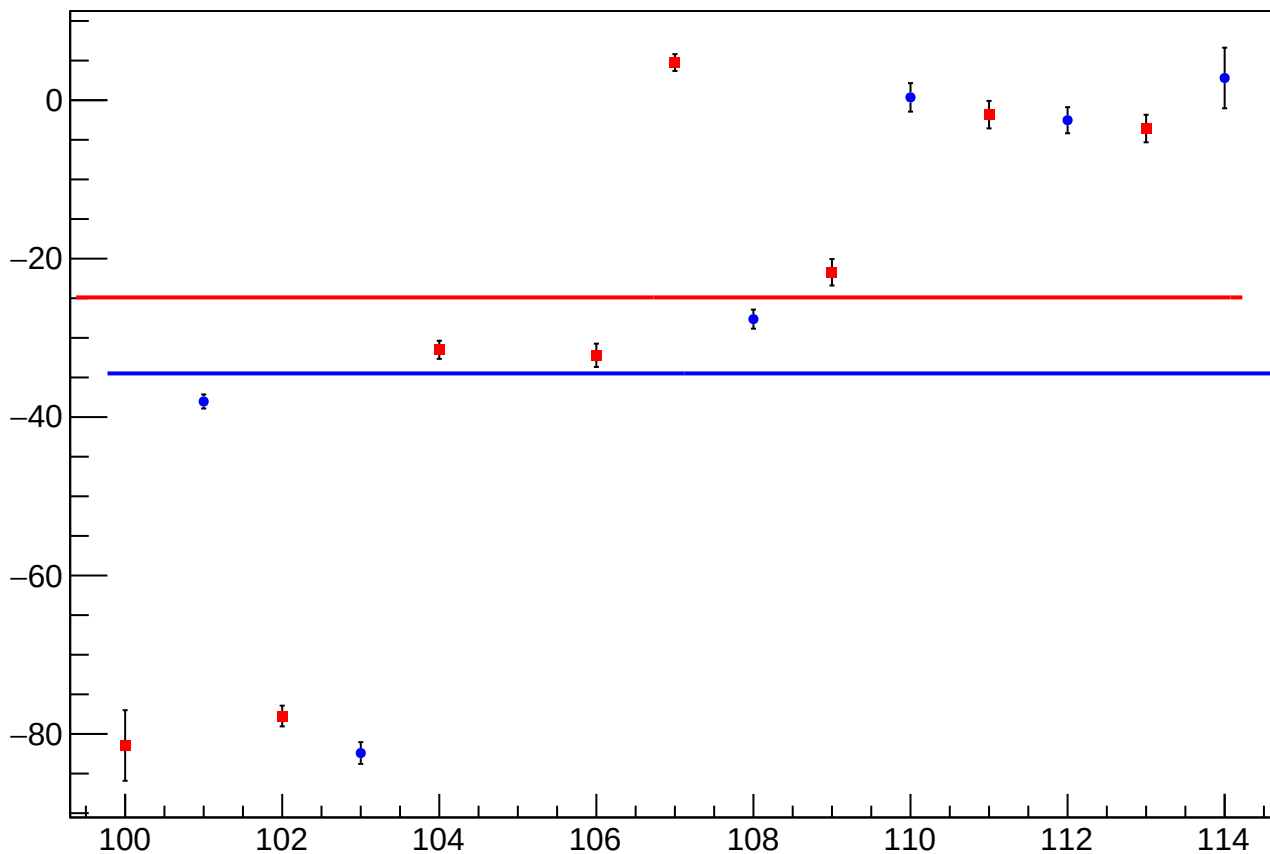
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.058 $\pm$ 0.343 χ^2 /NDF: 486.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -34.489 ± 0.557 χ^2/NDF : 2106.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.893 ± 0.515 χ^2/NDF : 2959.3/7

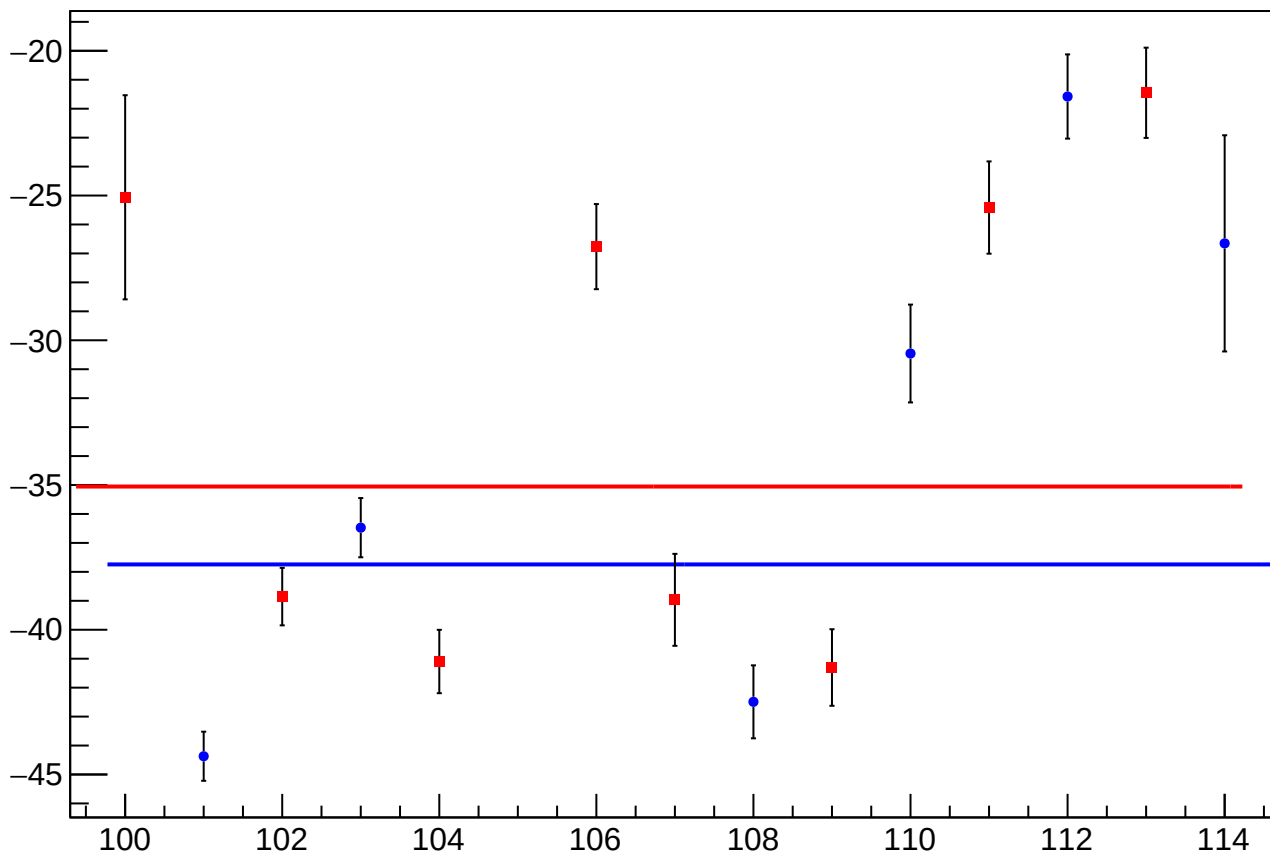
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.318 ± 0.378 χ^2/NDF : 5226.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -37.743 ± 0.508 χ^2/NDF : 227.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.052 ± 0.490 χ^2/NDF : 226.1/7

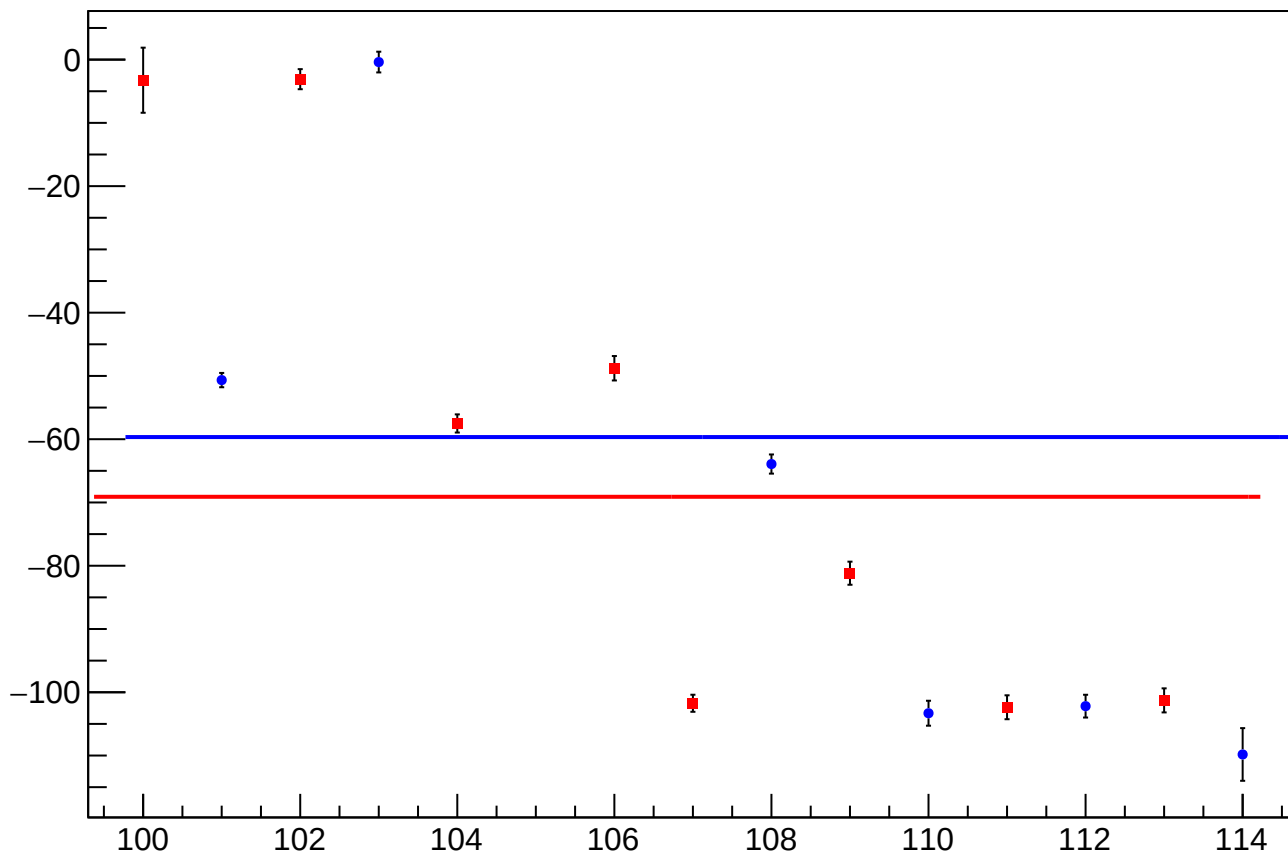
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.348 ± 0.353 χ^2/NDF : 468.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -59.661 $\pm$ 0.672 χ^2 /NDF: 2573.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -69.102 $\pm$ 0.621 χ^2 /NDF: 3296.3/7

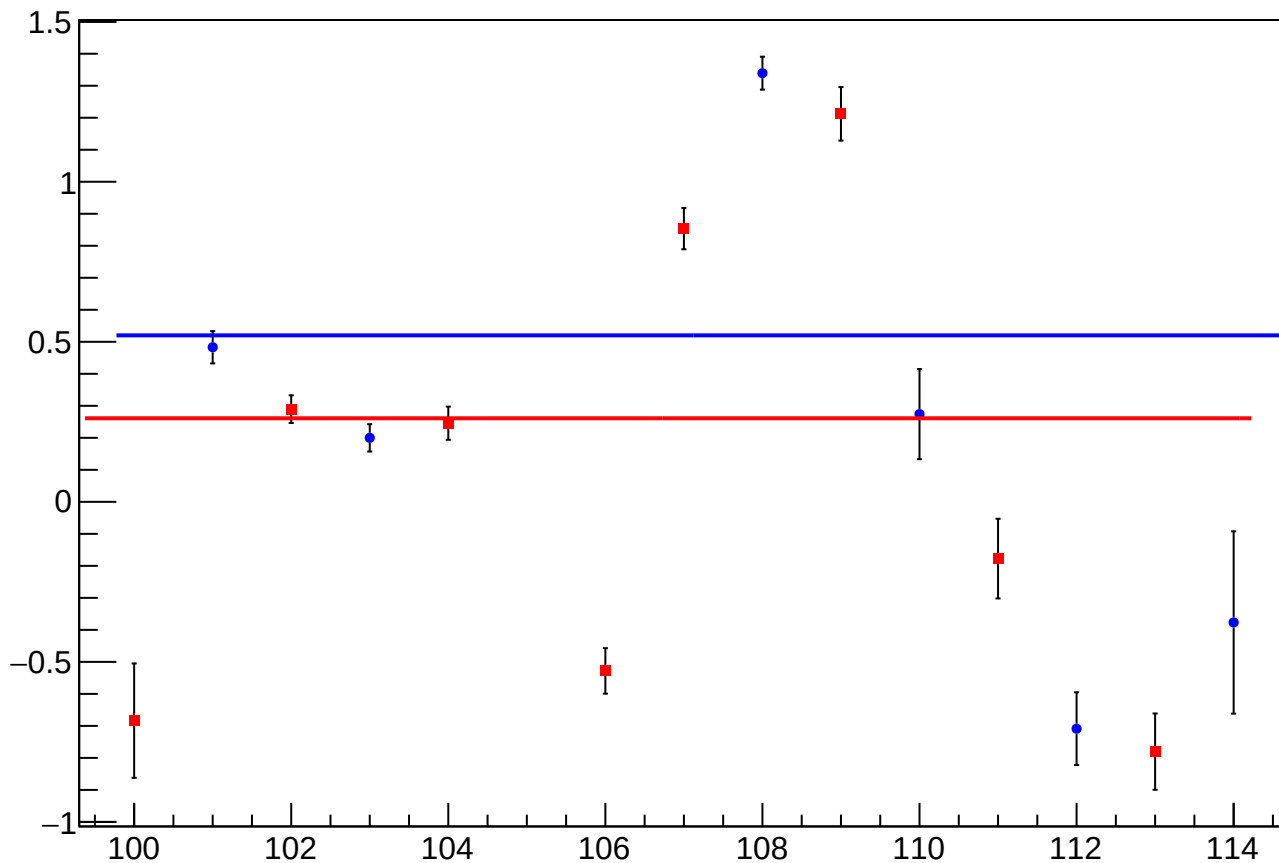
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.756 $\pm$ 0.456 χ^2 /NDF: 5976.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.520 $\pm$ 0.026 χ^2 /NDF: 439.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.261 $\pm$ 0.025 χ^2 /NDF: 454.0/7

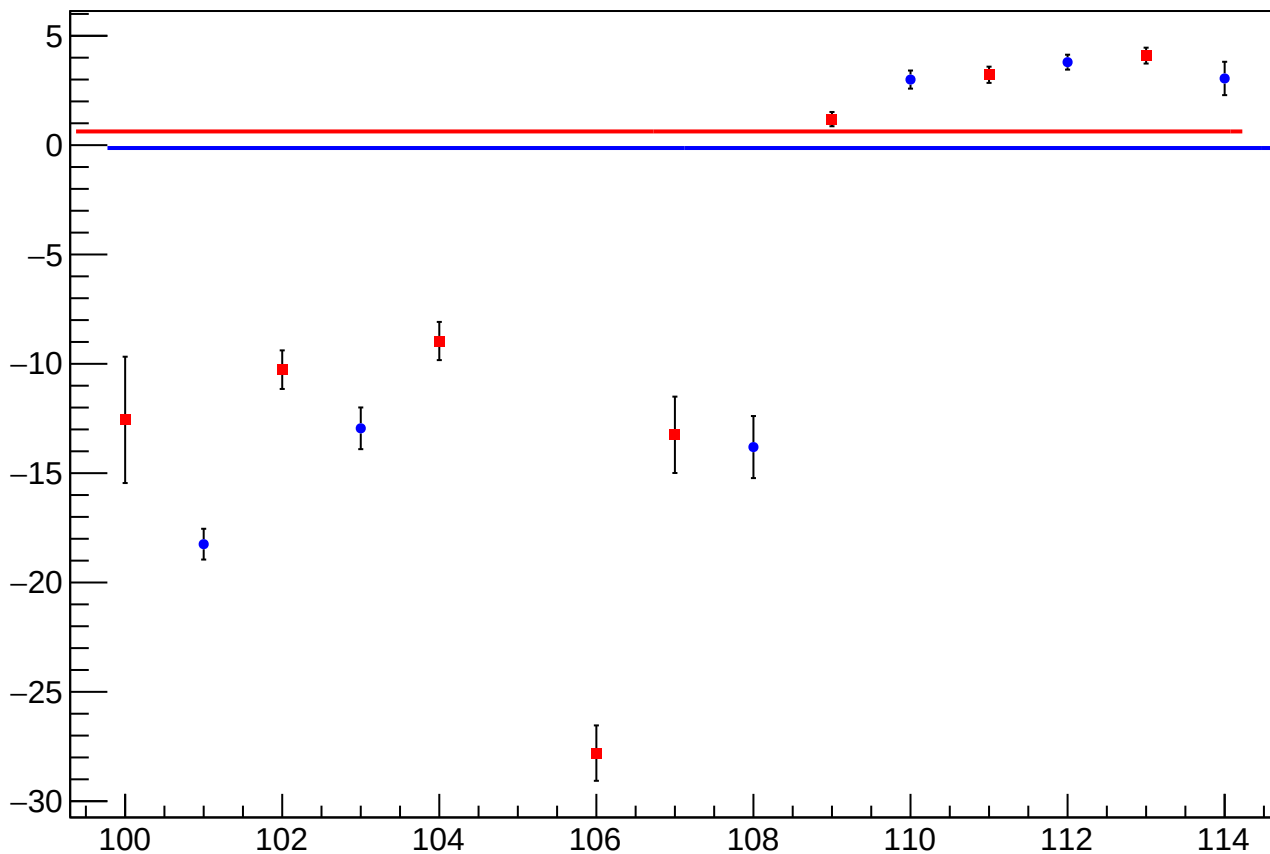
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.383 $\pm$ 0.018 χ^2 /NDF: 945.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -0.131 ± 0.225 χ^2/NDF : 1143.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.627 ± 0.189 χ^2/NDF : 1003.9/7

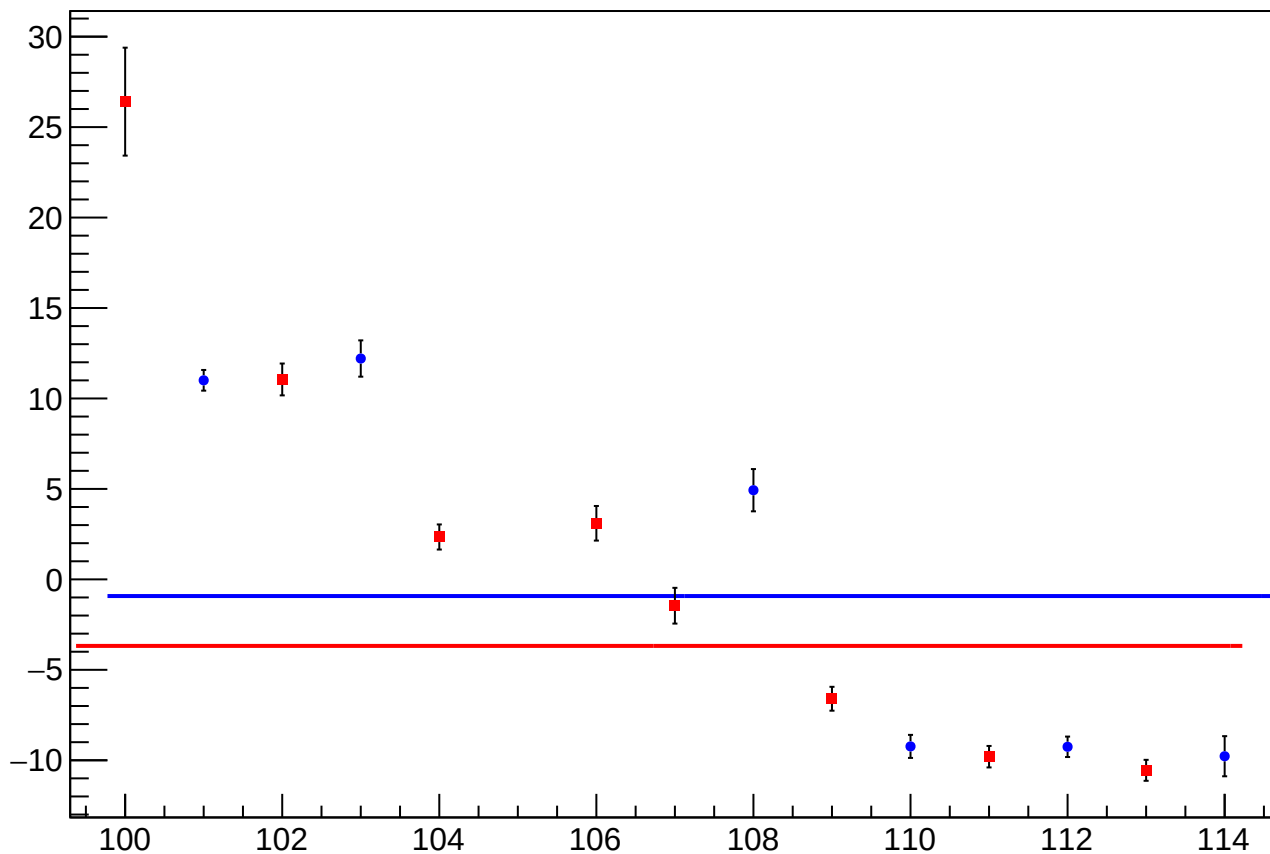
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.312 ± 0.145 χ^2/NDF : 2154.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -0.922 ± 0.299 χ^2/NDF : 1083.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.678 ± 0.270 χ^2/NDF : 779.1/7

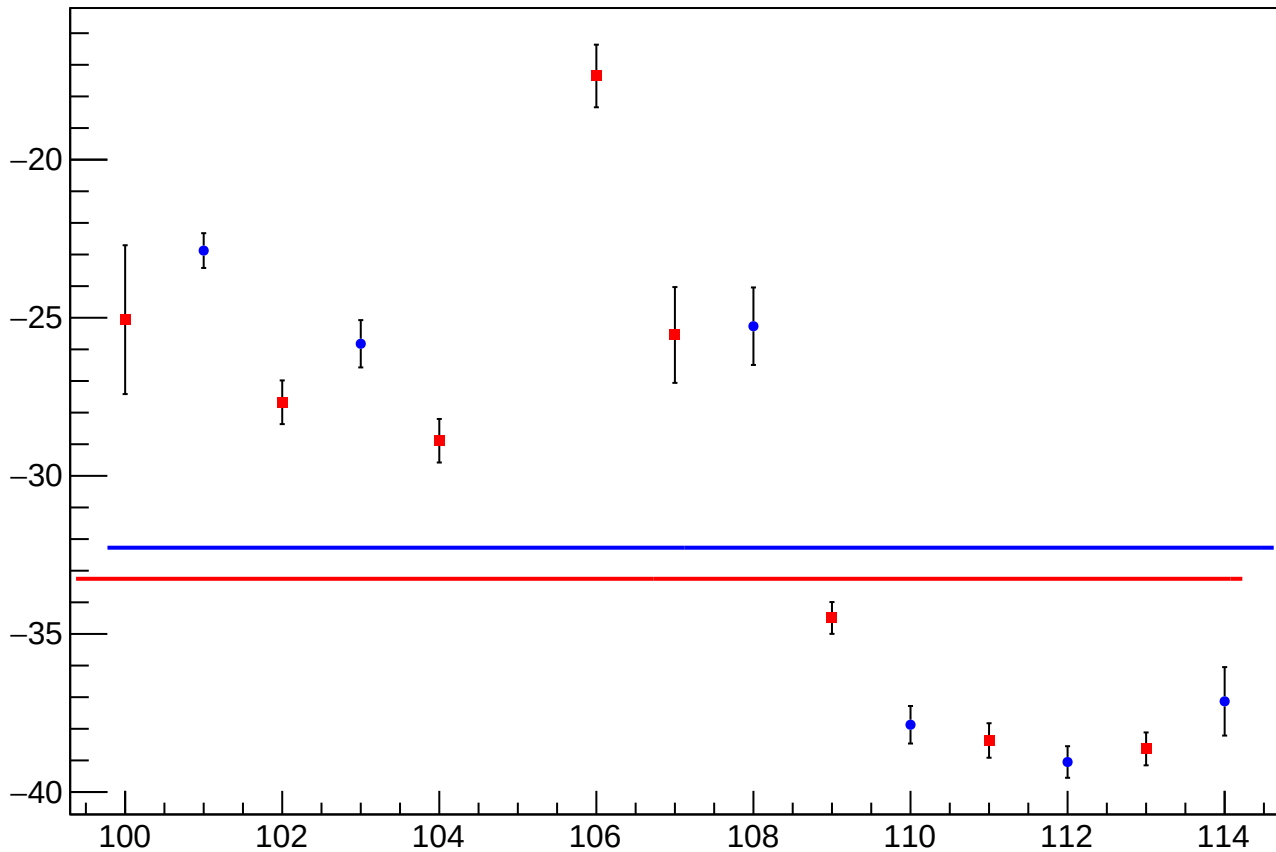
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.439 ± 0.200 χ^2/NDF : 1909.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -32.272 $\pm$ 0.273 χ^2 /NDF: 692.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.256 $\pm$ 0.244 χ^2 /NDF: 602.4/7

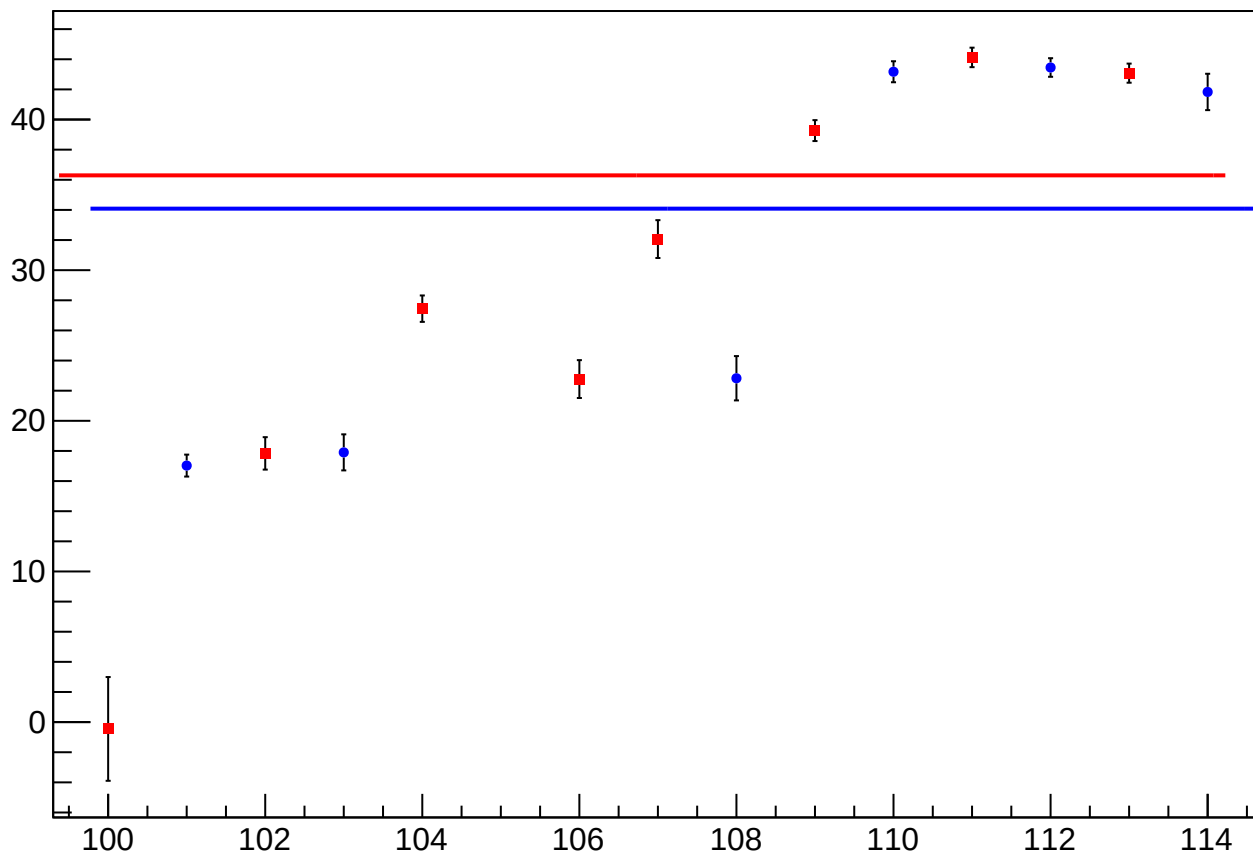
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.819 $\pm$ 0.182 χ^2 /NDF: 1301.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 34.084+/-0.345 χ^2/NDF : 1230.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.294+/-0.309 χ^2/NDF : 916.0/7

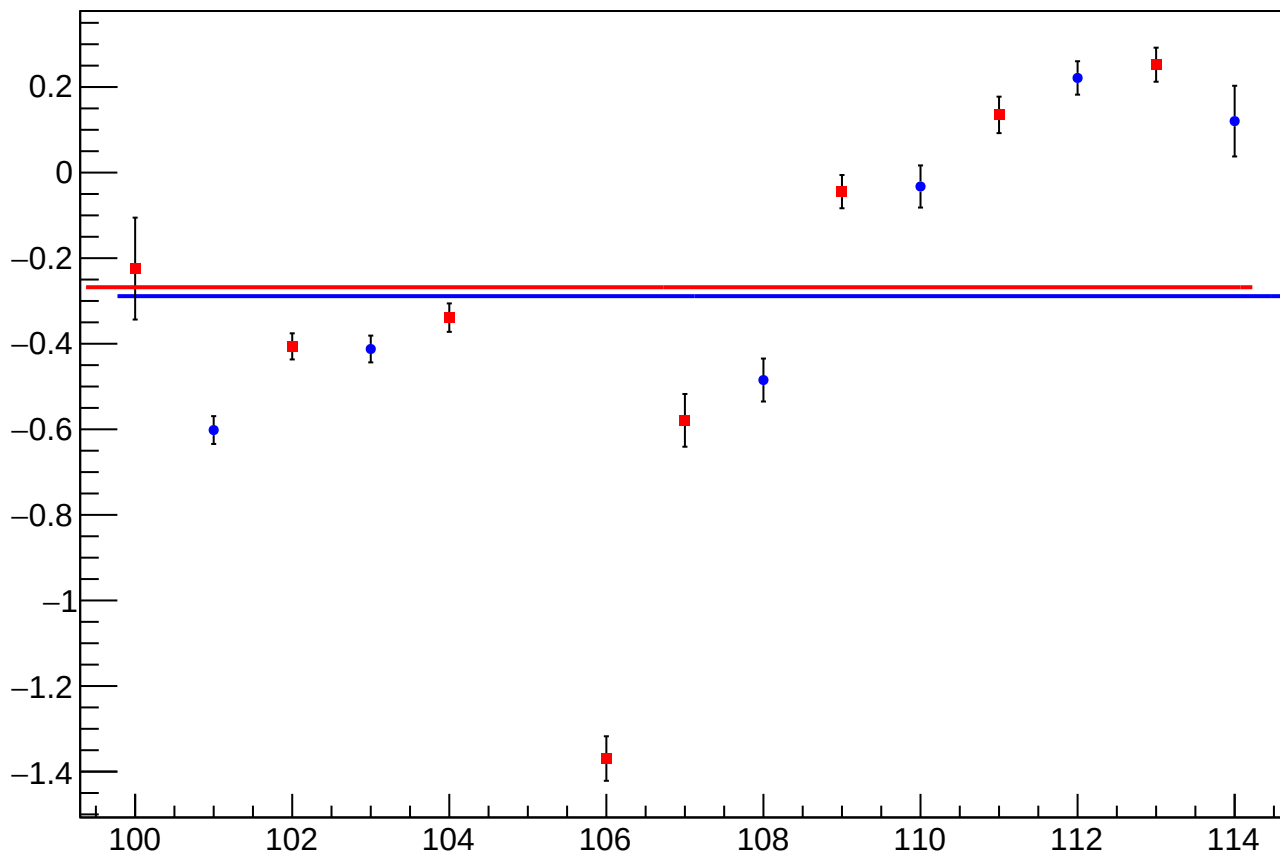
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.309+/-0.230 χ^2/NDF : 2169.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.289 $\pm$ 0.017 χ^2 /NDF: 345.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.268 $\pm$ 0.015 χ^2 /NDF: 792.2/7

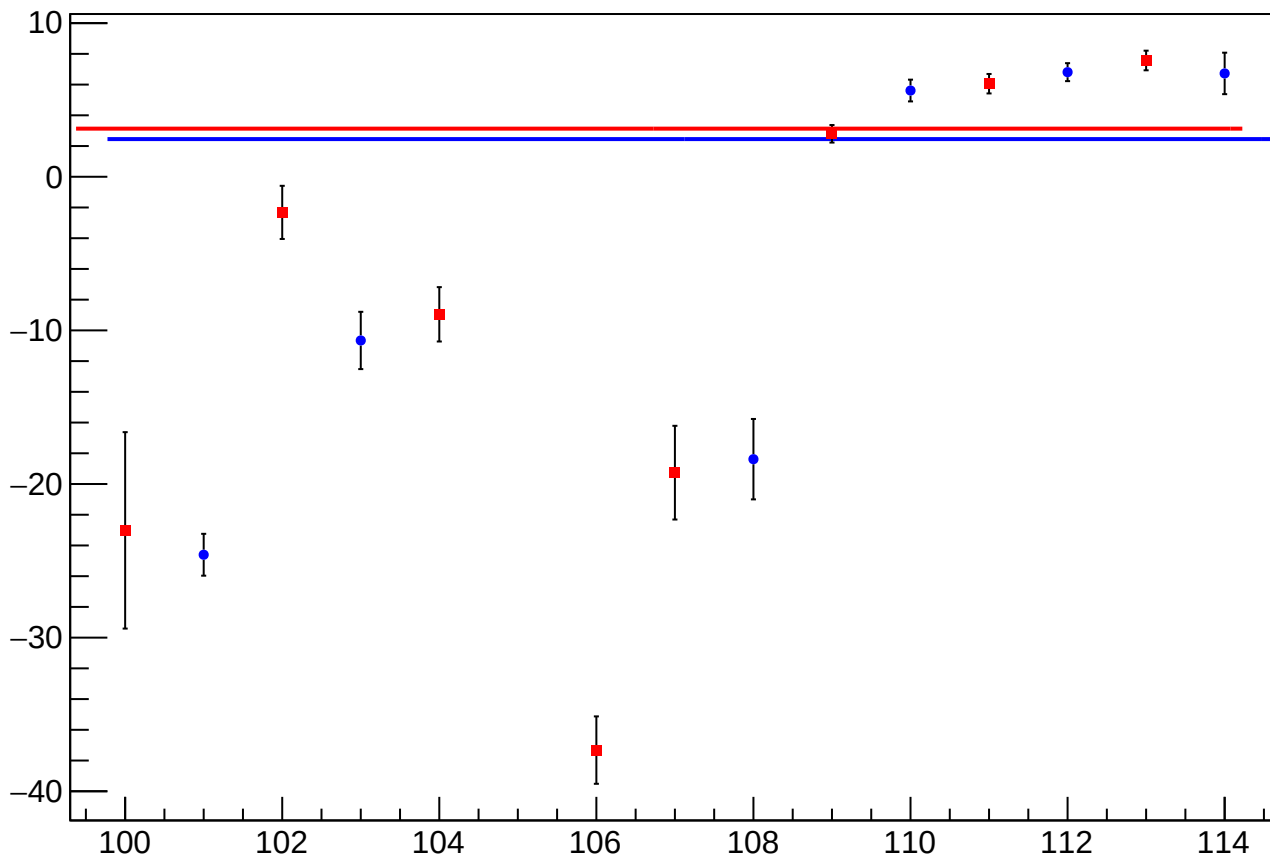
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.277 $\pm$ 0.011 χ^2 /NDF: 1138.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 2.452 $\pm$ 0.394 χ^2 /NDF: 592.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.132 $\pm$ 0.333 χ^2 /NDF: 537.1/7

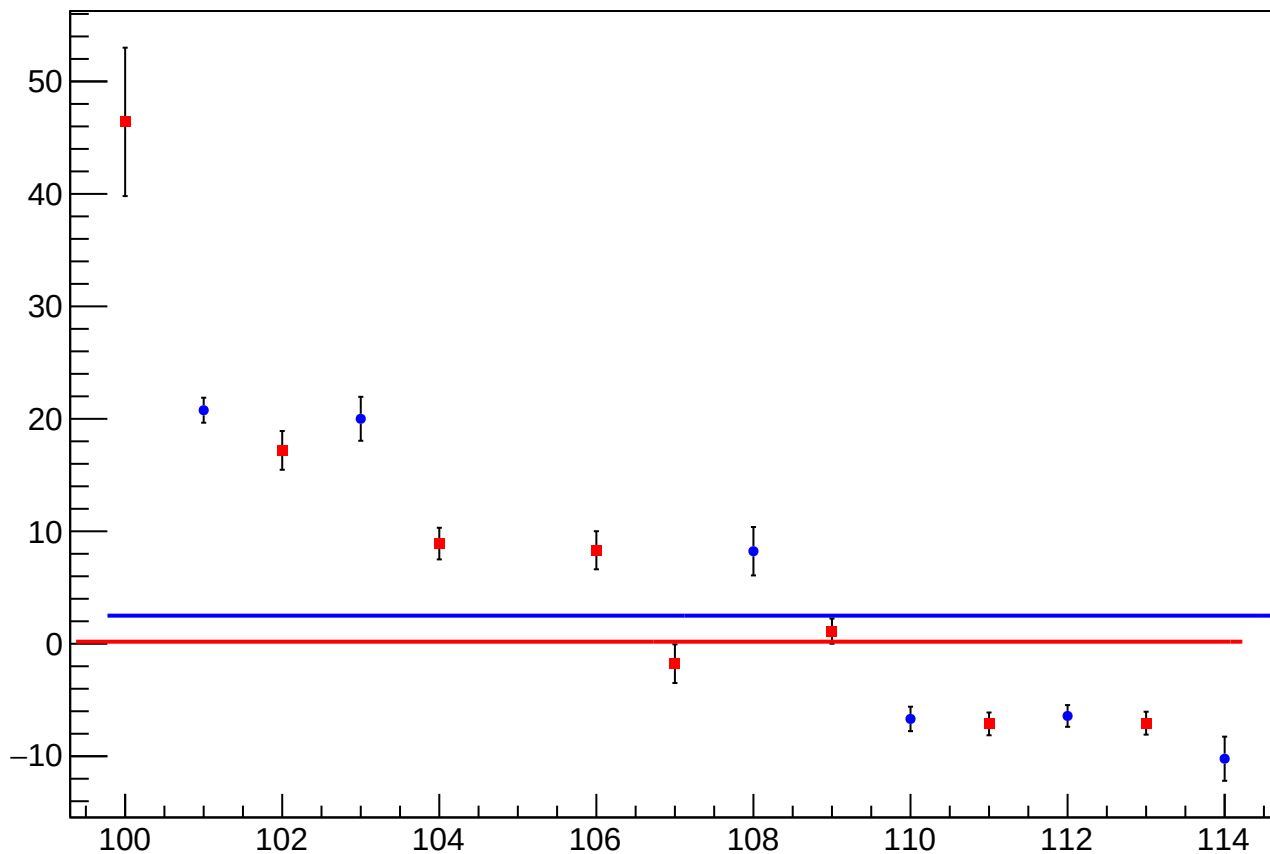
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.849 $\pm$ 0.254 χ^2 /NDF: 1131.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 2.500 $\pm$ 0.537 χ^2 /NDF: 556.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.186 $\pm$ 0.483 χ^2 /NDF: 312.8/7

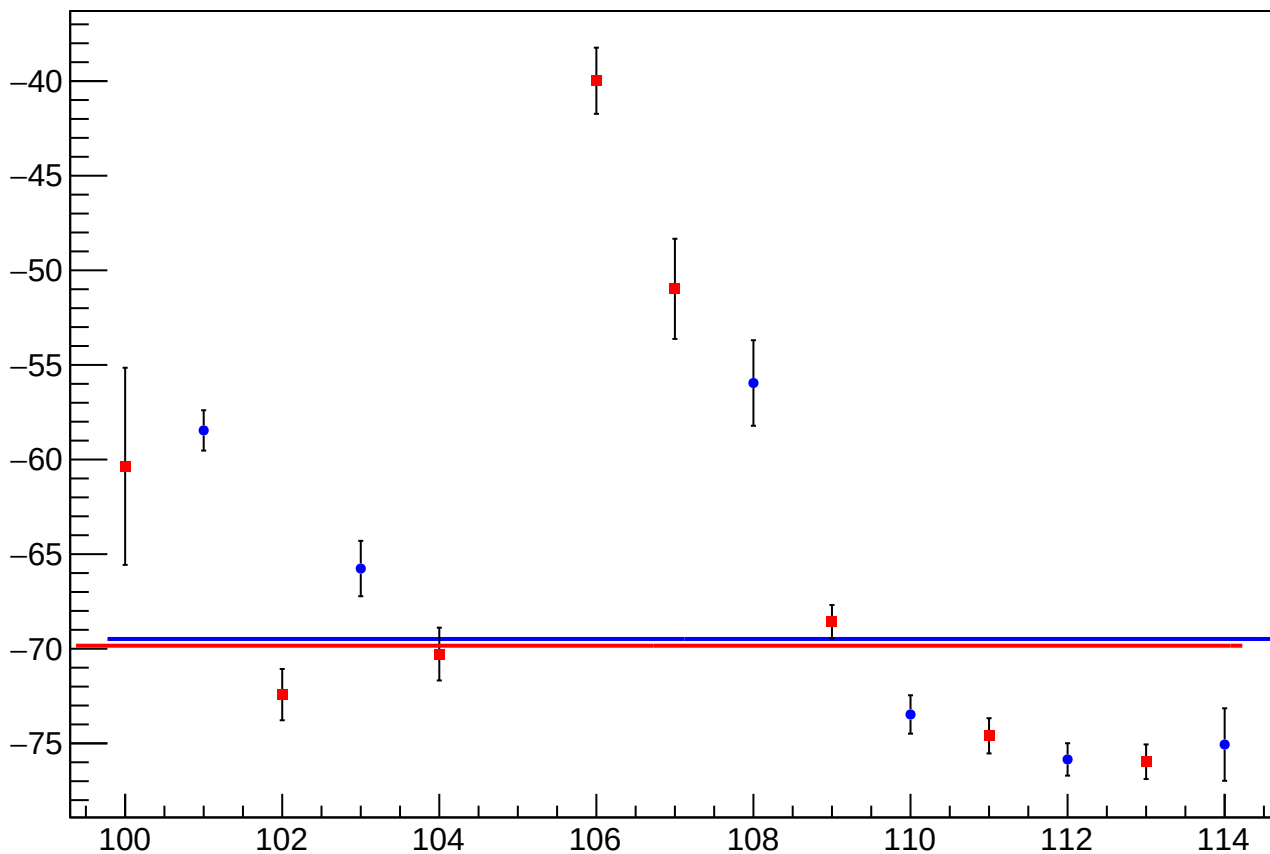
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.219 $\pm$ 0.359 χ^2 /NDF: 879.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -69.483 ± 0.491 χ^2/NDF : 228.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -69.839 ± 0.438 χ^2/NDF : 422.7/7

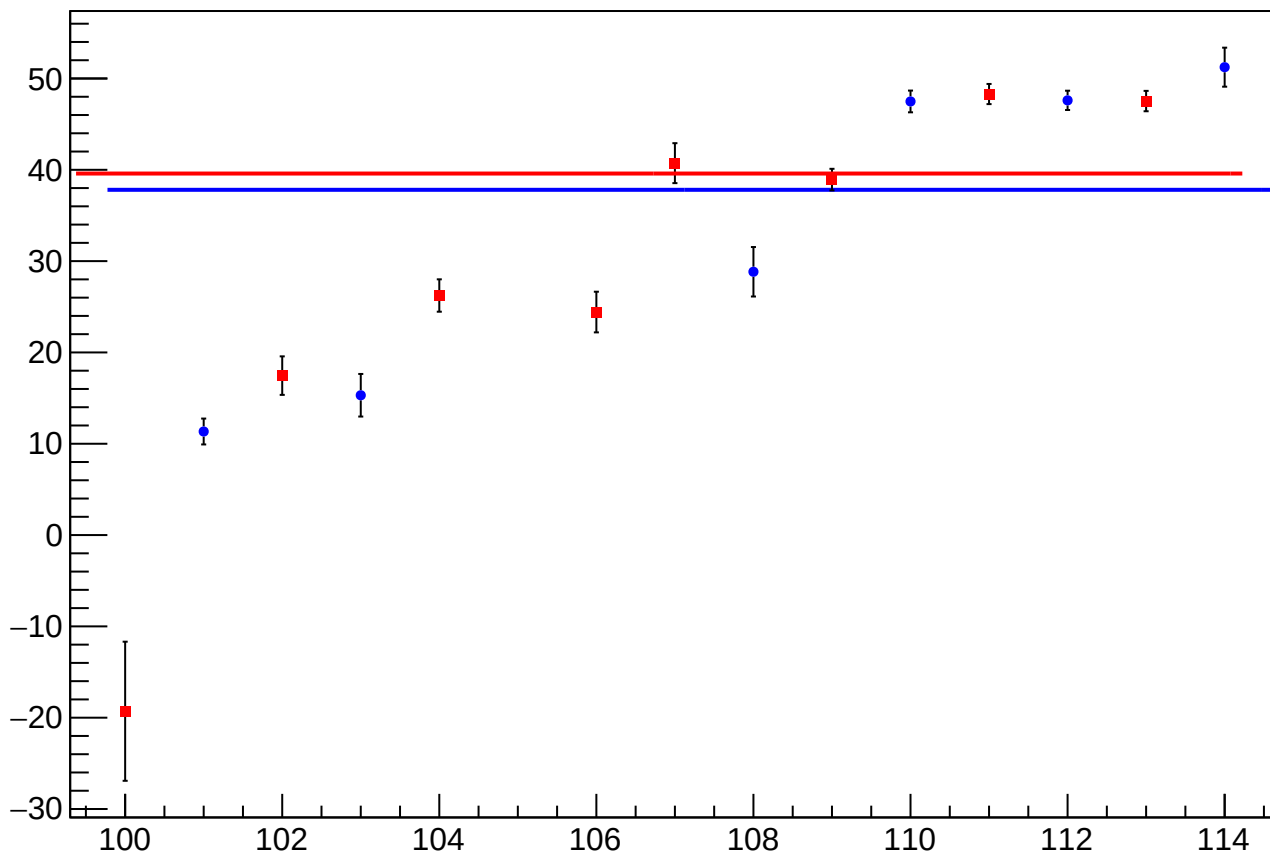
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.681 ± 0.327 χ^2/NDF : 651.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 37.810 $\pm$ 0.616 χ^2 /NDF: 644.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.591 $\pm$ 0.549 χ^2 /NDF: 386.5/7

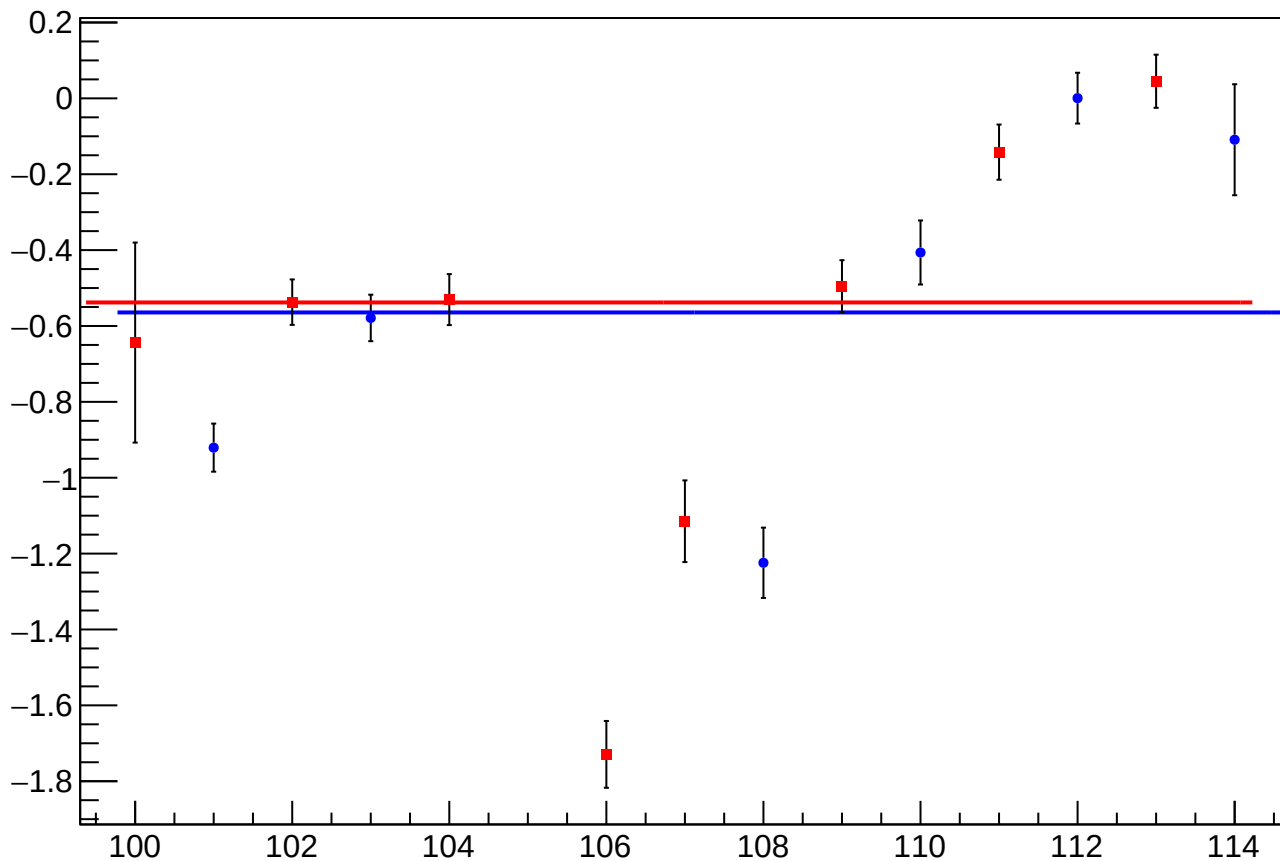
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.801 $\pm$ 0.410 χ^2 /NDF: 1035.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.564 ± 0.031 χ^2/NDF : 166.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.538 ± 0.027 χ^2/NDF : 311.2/7

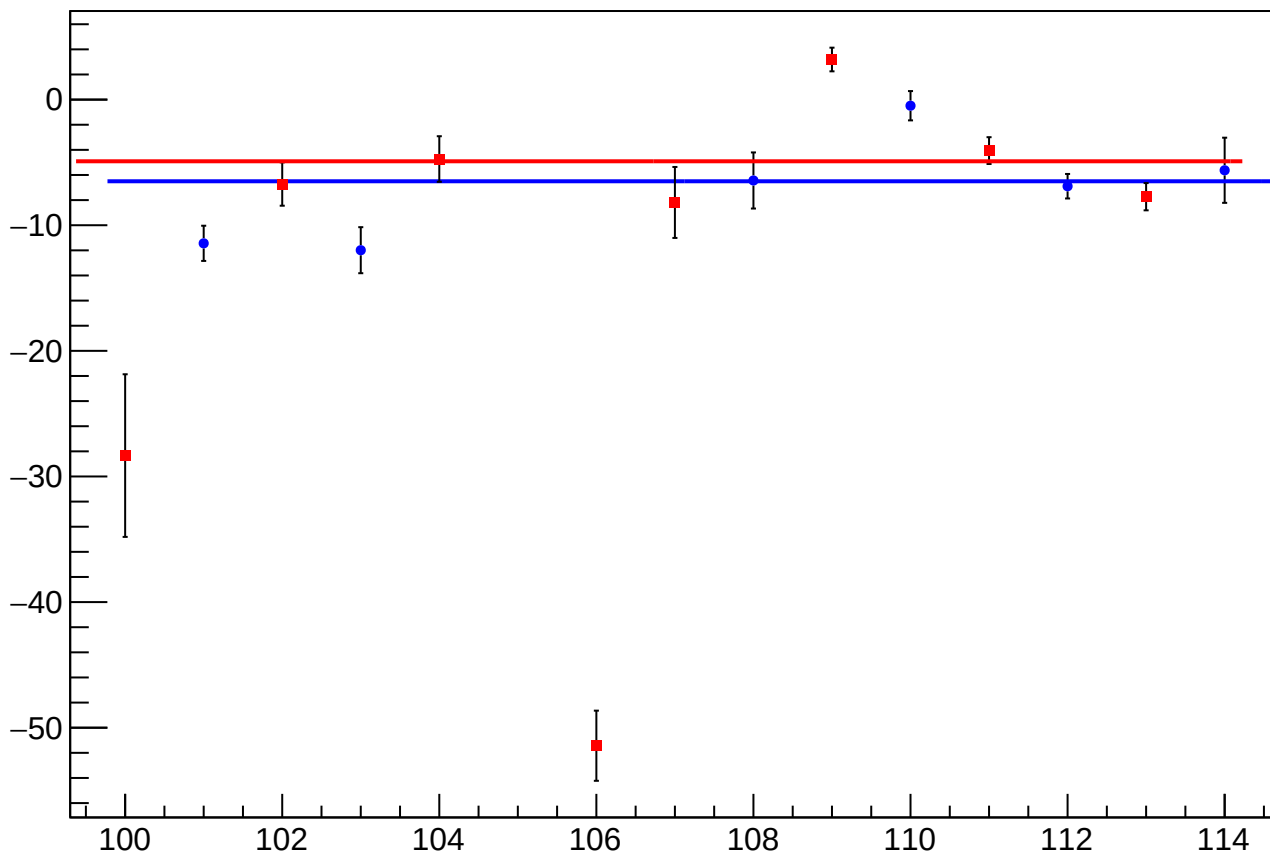
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.550 ± 0.021 χ^2/NDF : 478.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -6.501 ± 0.583 χ^2/NDF : 48.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.909 ± 0.515 χ^2/NDF : 374.6/7

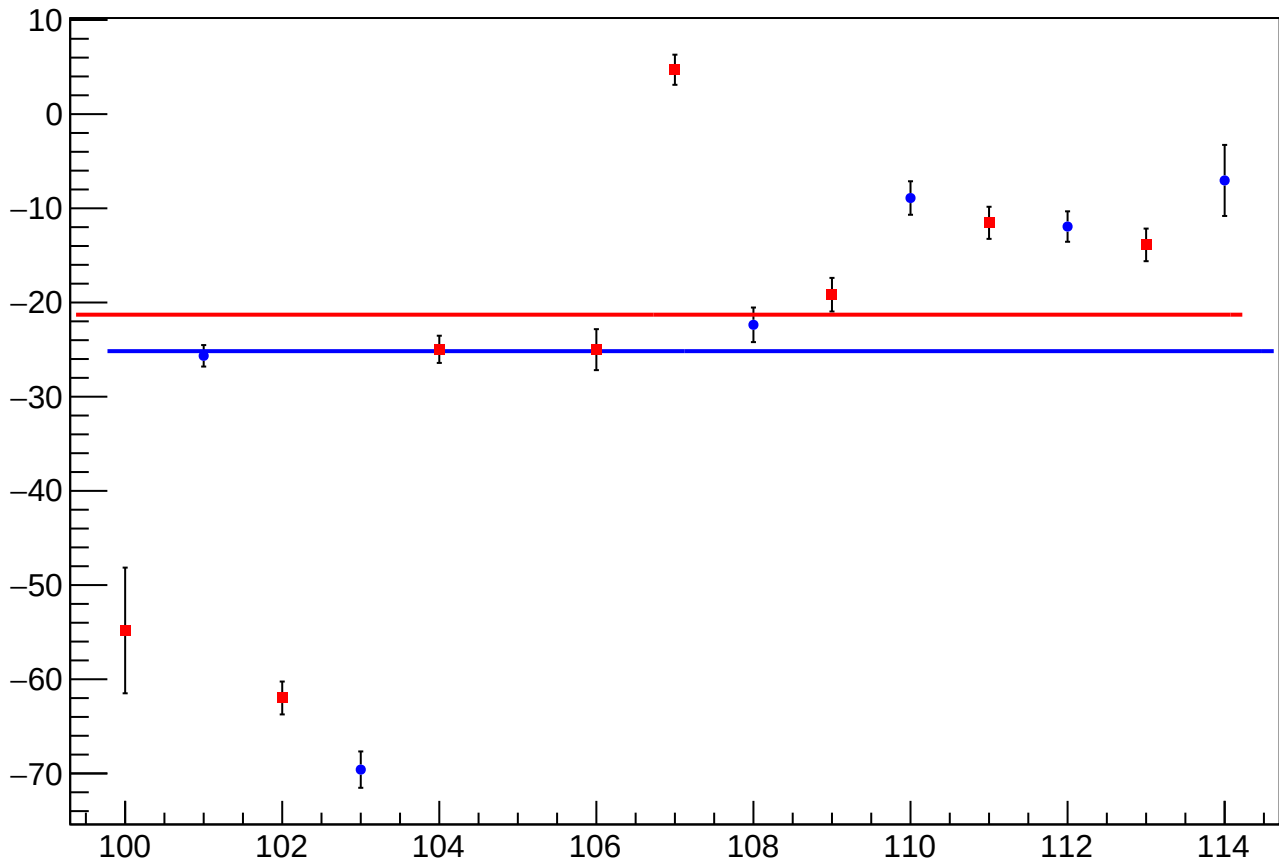
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.606 ± 0.386 χ^2/NDF : 427.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: -25.164+/-0.690 χ^2/NDF : 705.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.293+/-0.642 χ^2/NDF : 894.6/7

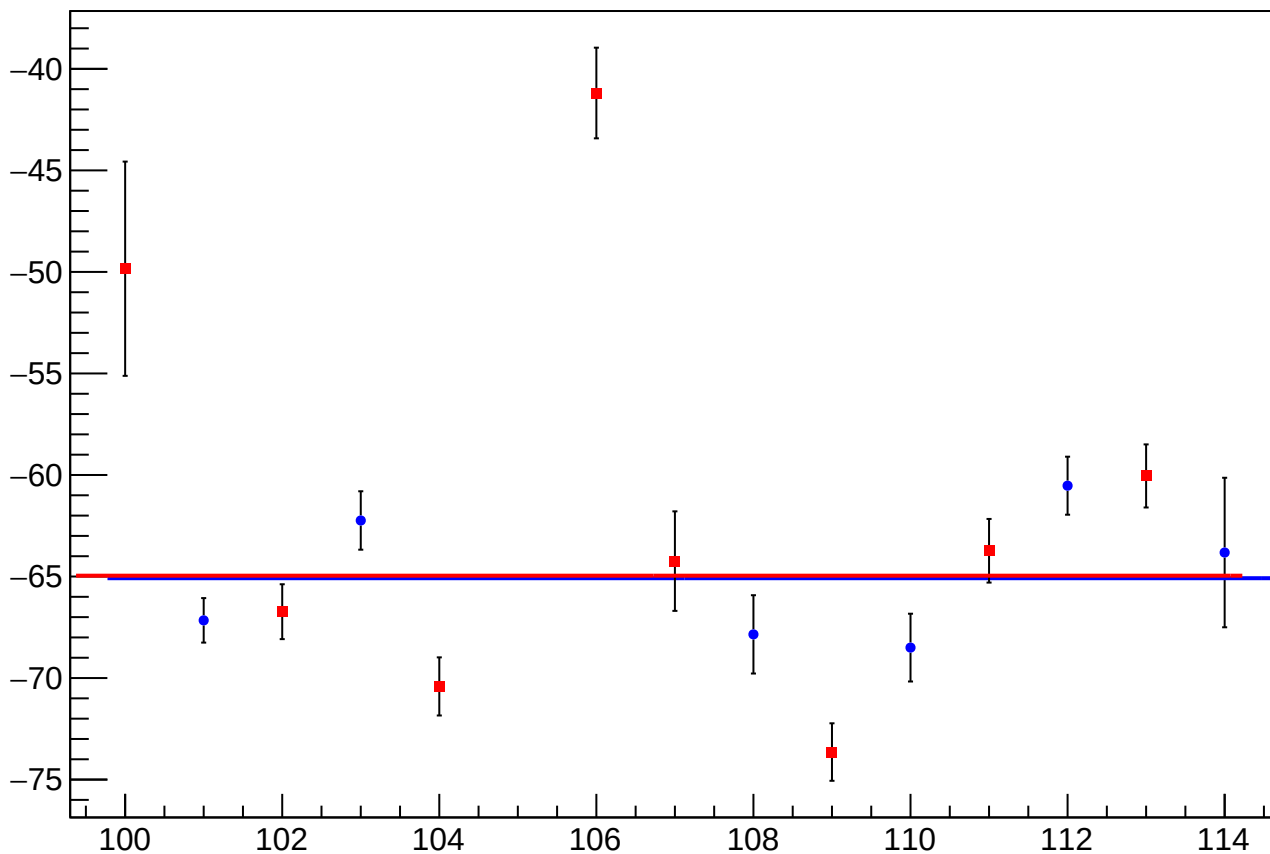
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.091+/-0.470 χ^2/NDF : 1617.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -65.083 ± 0.632 χ^2/NDF : 24.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.959 ± 0.602 χ^2/NDF : 186.1/7

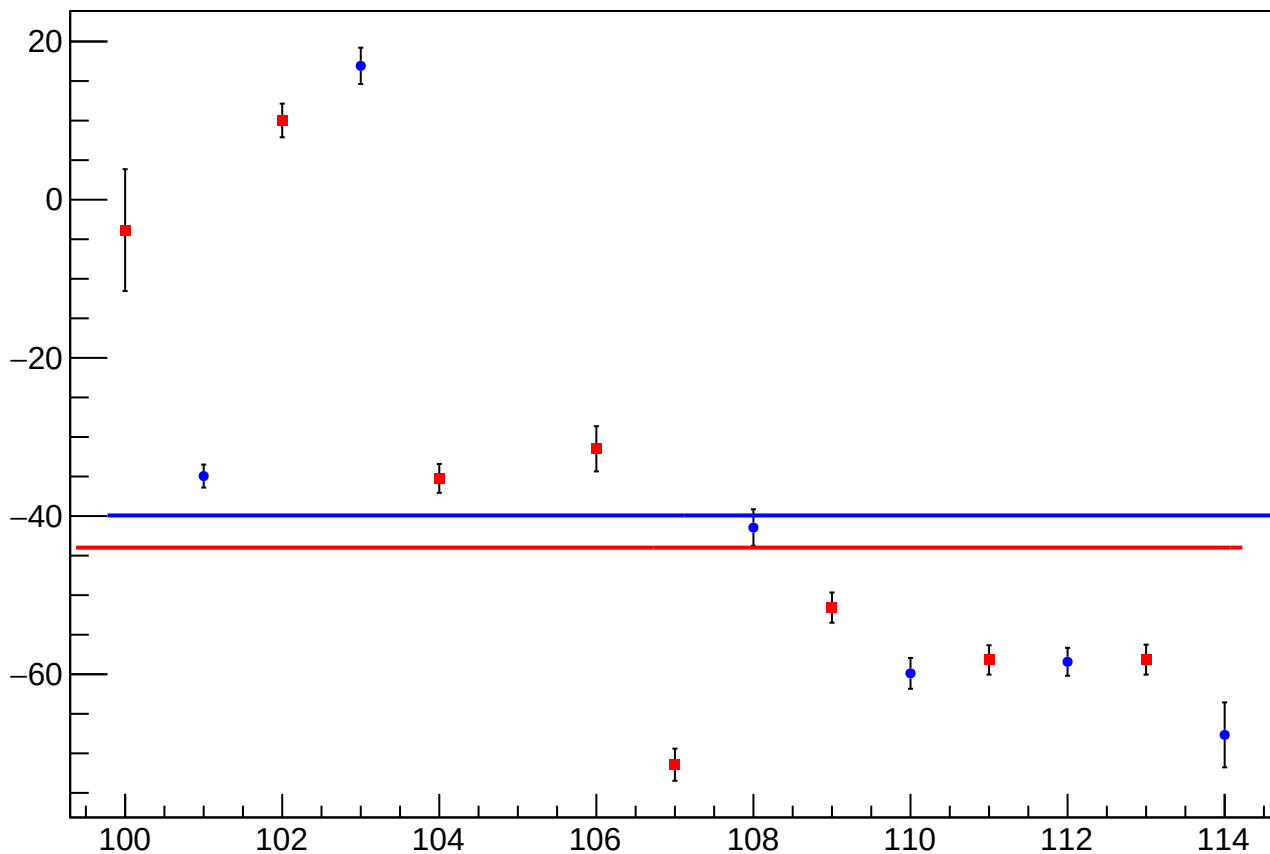
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.018 ± 0.436 χ^2/NDF : 210.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -39.921 ± 0.818 χ^2/NDF : 884.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.988 ± 0.757 χ^2/NDF : 1026.0/7

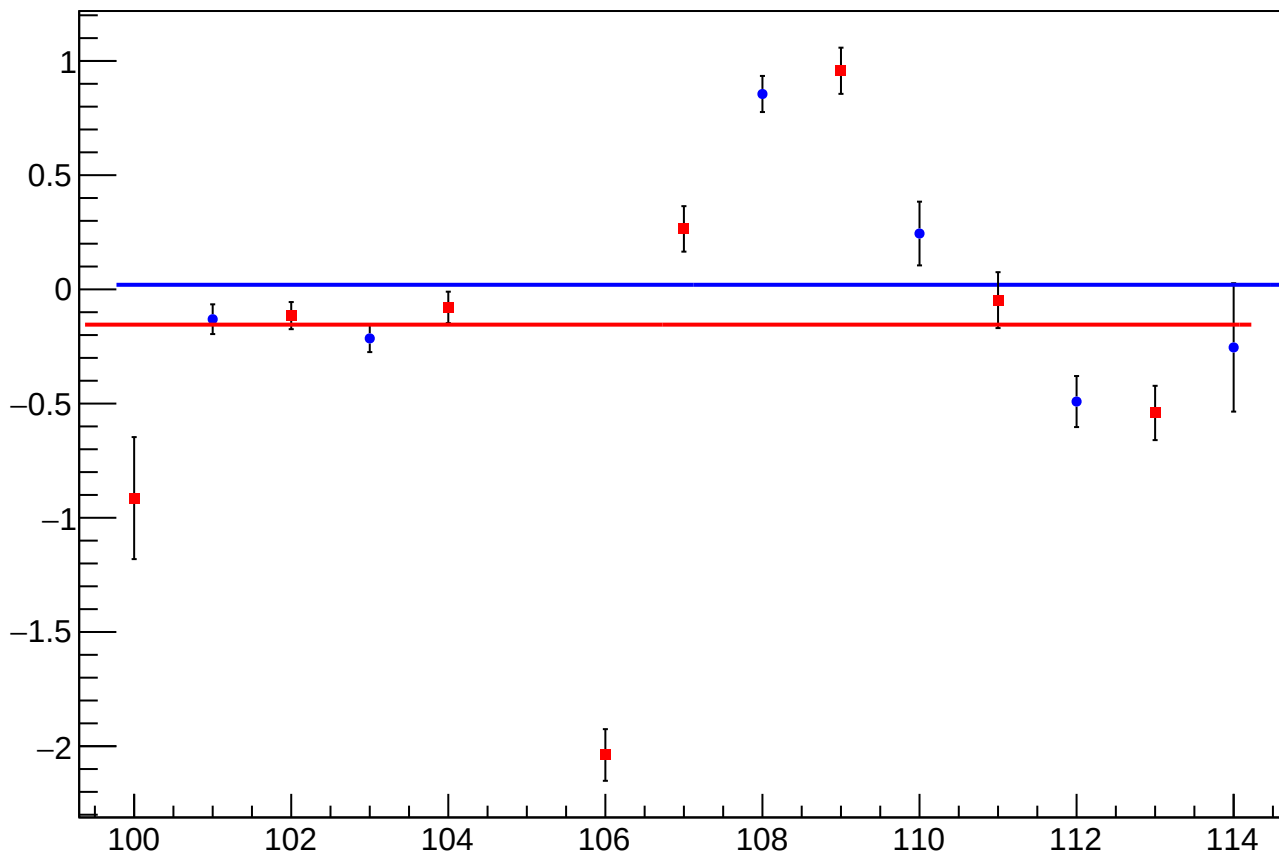
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.113 ± 0.556 χ^2/NDF : 1923.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.020 $\pm$ 0.035 χ^2 /NDF: 156.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.154 $\pm$ 0.033 χ^2 /NDF: 437.2/7

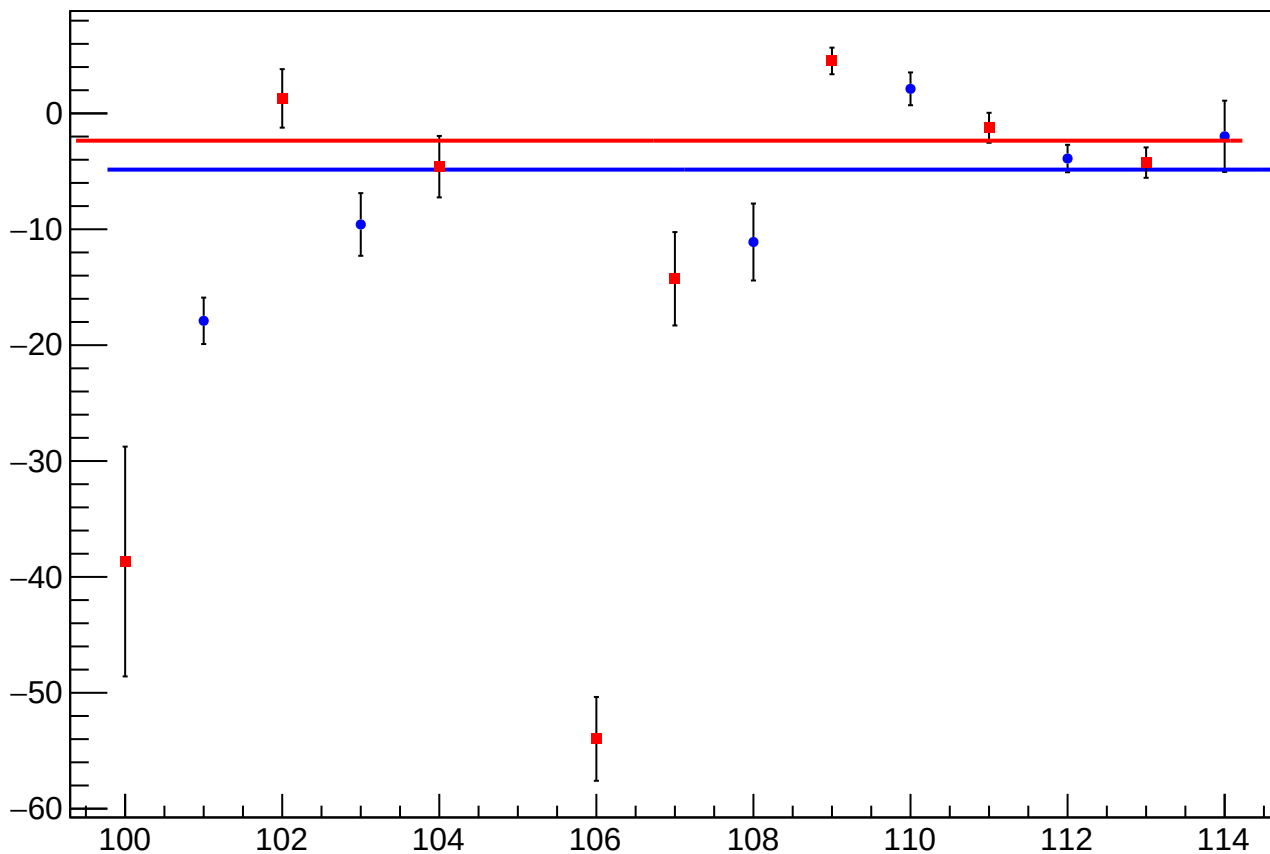
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.072 $\pm$ 0.024 χ^2 /NDF: 607.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -4.852 ± 0.746 χ^2/NDF : 74.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.353 ± 0.647 χ^2/NDF : 267.5/7

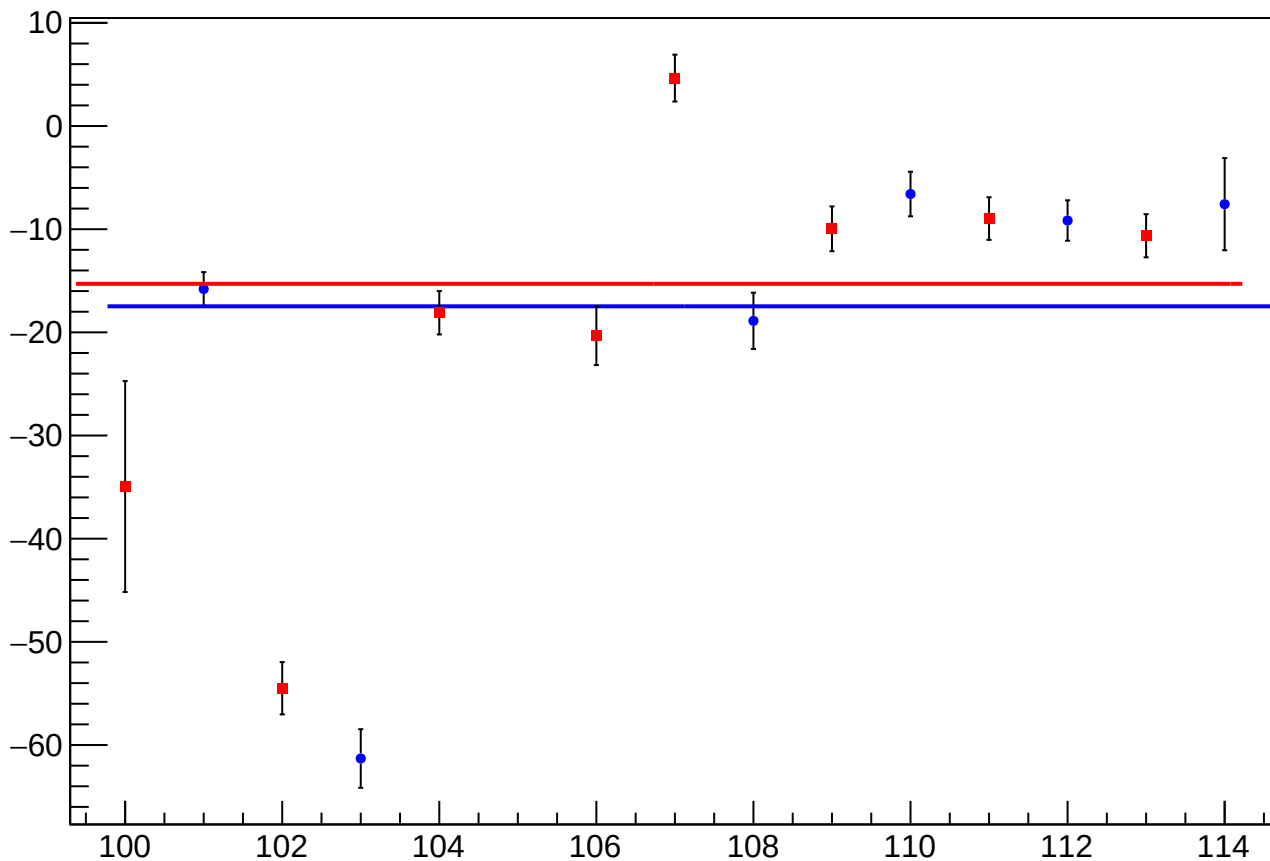
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.426 ± 0.489 χ^2/NDF : 348.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -17.475 ± 0.930 χ^2/NDF : 287.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.295 ± 0.850 χ^2/NDF : 344.9/7

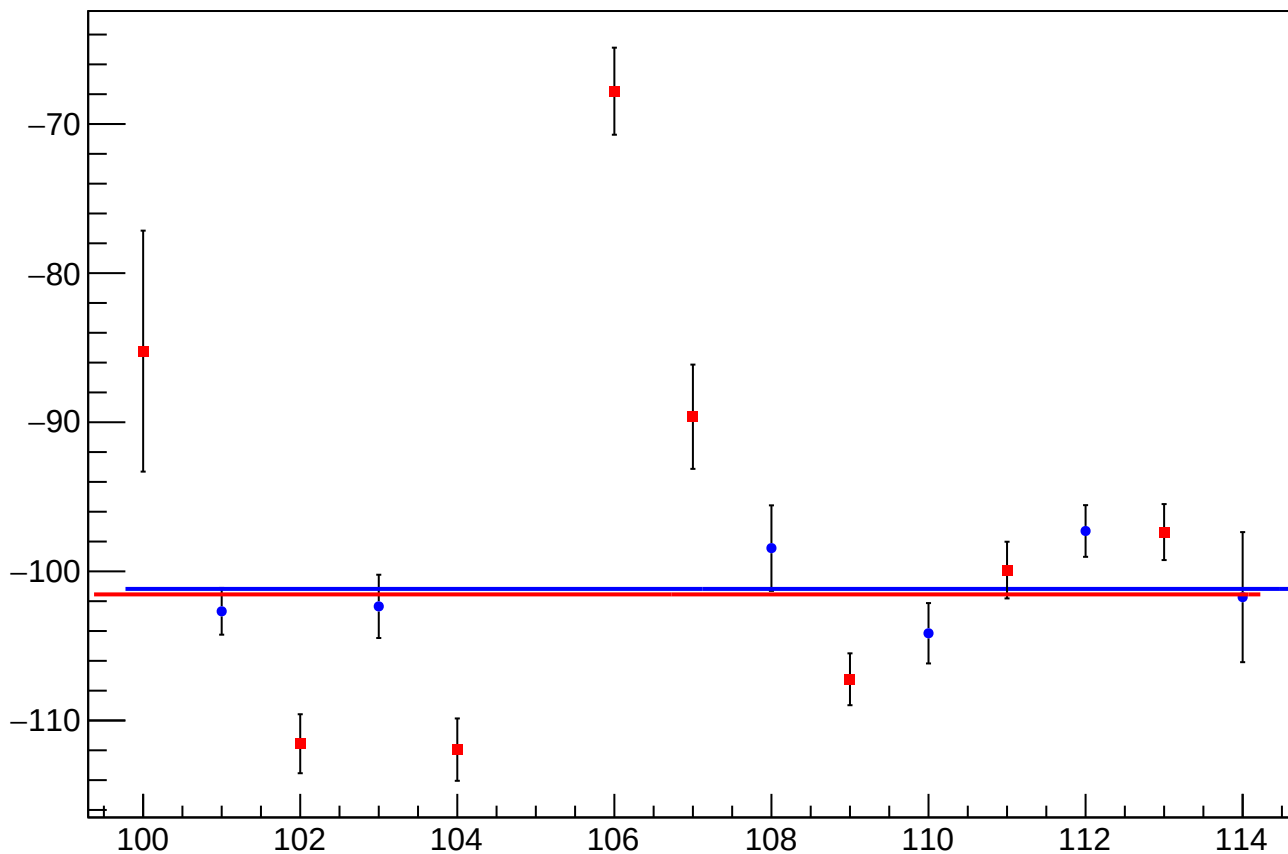
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.287 ± 0.627 χ^2/NDF : 635.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -101.177+/-0.851 χ^2/NDF : 9.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.545+/-0.793 χ^2/NDF : 216.2/7

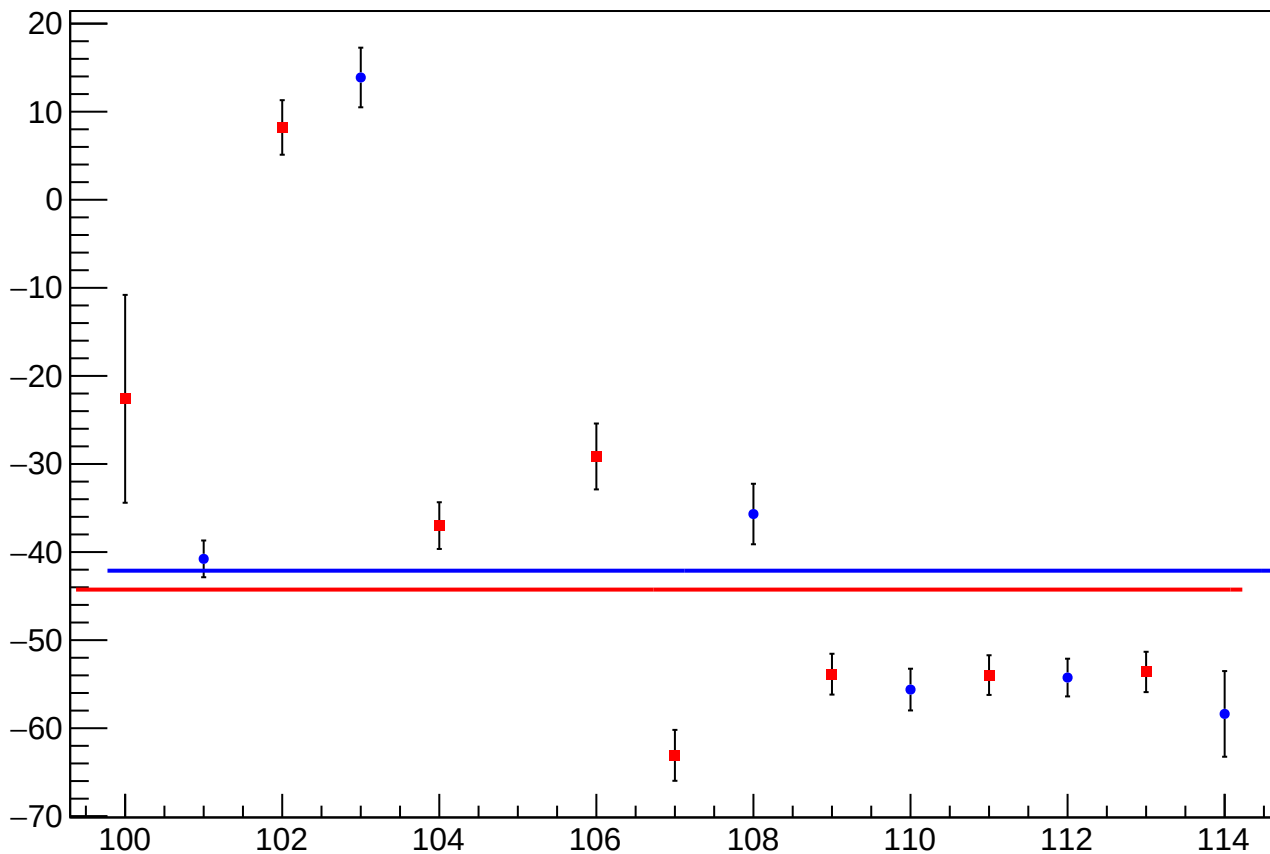
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.374+/-0.580 χ^2/NDF : 225.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -42.115 $\pm$ 1.091 χ^2 /NDF: 353.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.261 $\pm$ 0.991 χ^2 /NDF: 409.1/7

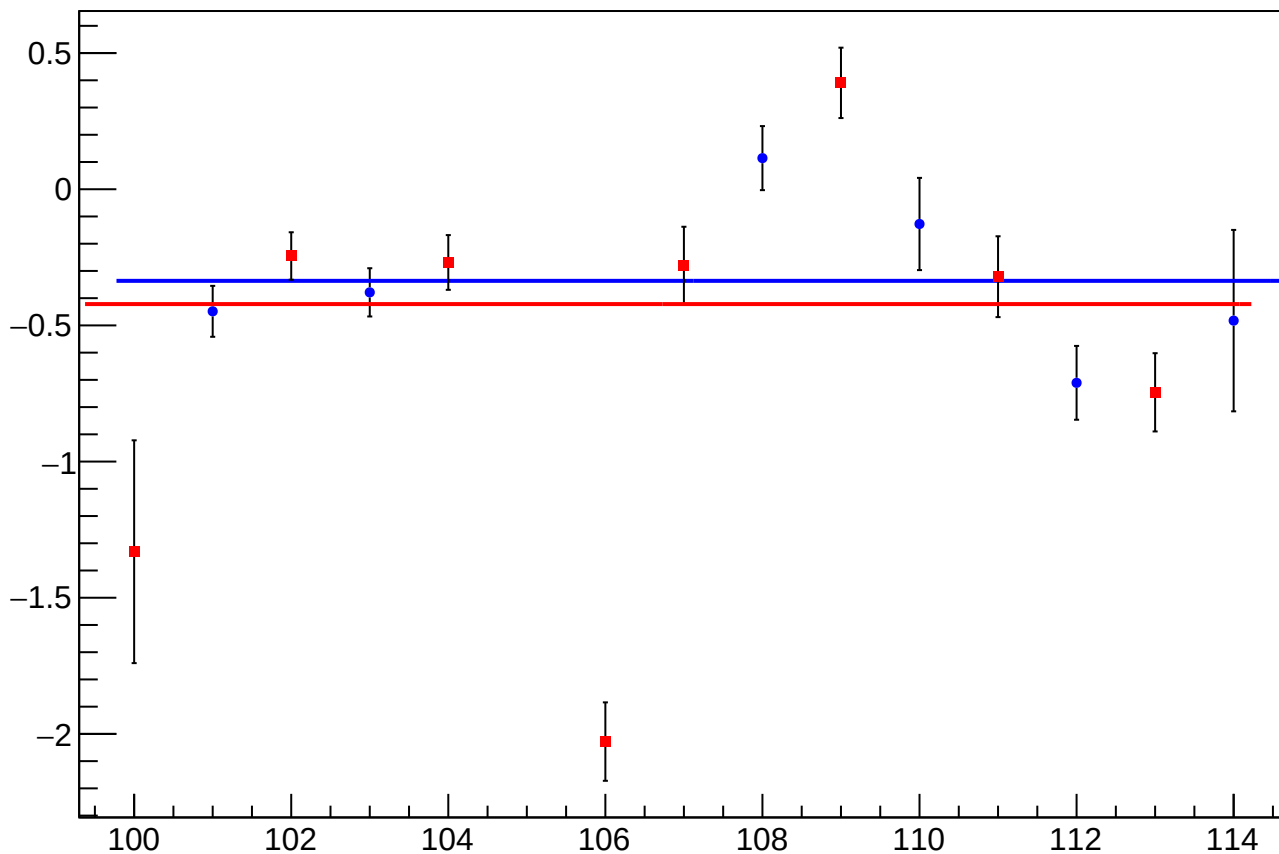
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.291 $\pm$ 0.733 χ^2 /NDF: 764.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.336 $\pm$ 0.049 χ^2 /NDF: 25.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.422 $\pm$ 0.045 χ^2 /NDF: 181.9/7

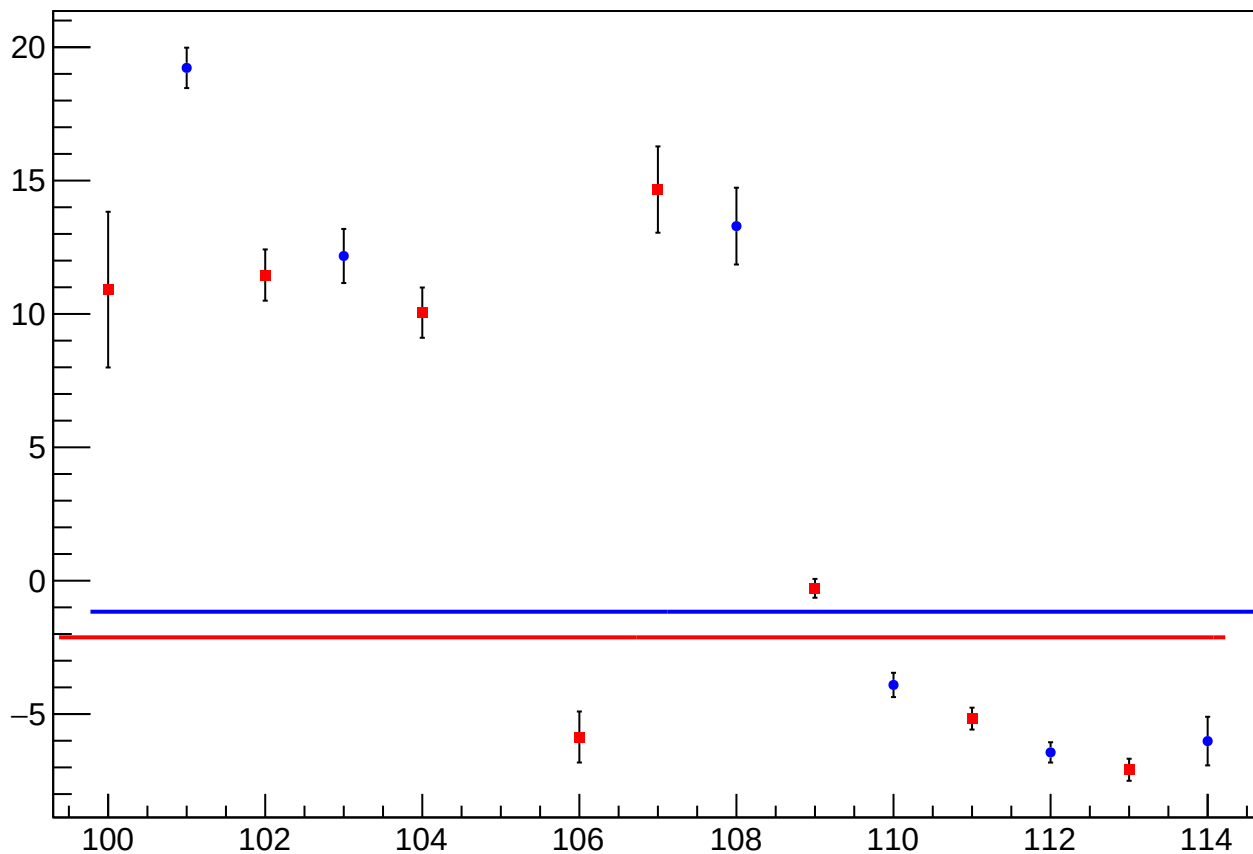
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.383 $\pm$ 0.033 χ^2 /NDF: 209.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -1.163 $\pm$ 0.249 χ^2 /NDF: 1255.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.124 $\pm$ 0.206 χ^2 /NDF: 735.9/7

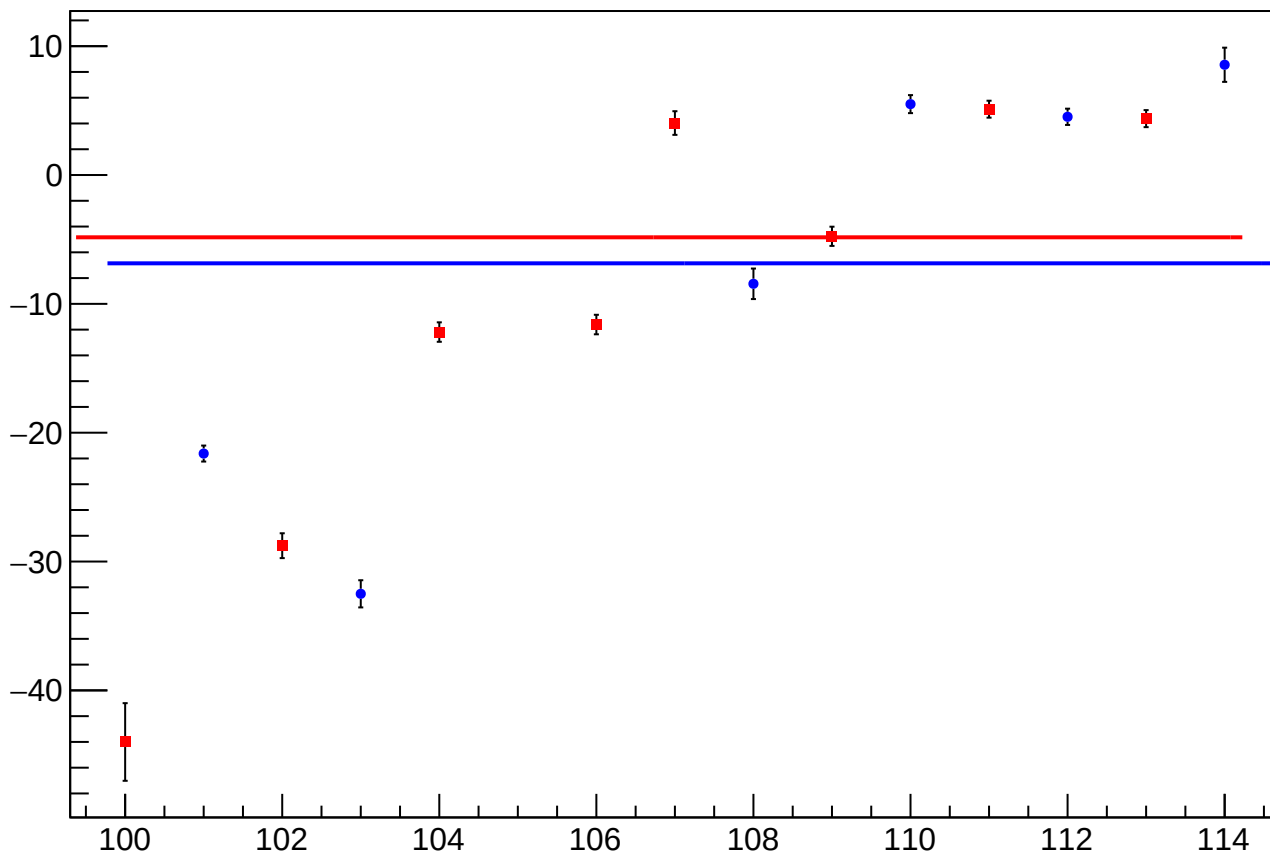
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.734 $\pm$ 0.159 χ^2 /NDF: 1999.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.854+/-0.327 χ^2/NDF : 1930.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.835+/-0.285 χ^2/NDF : 1476.6/7

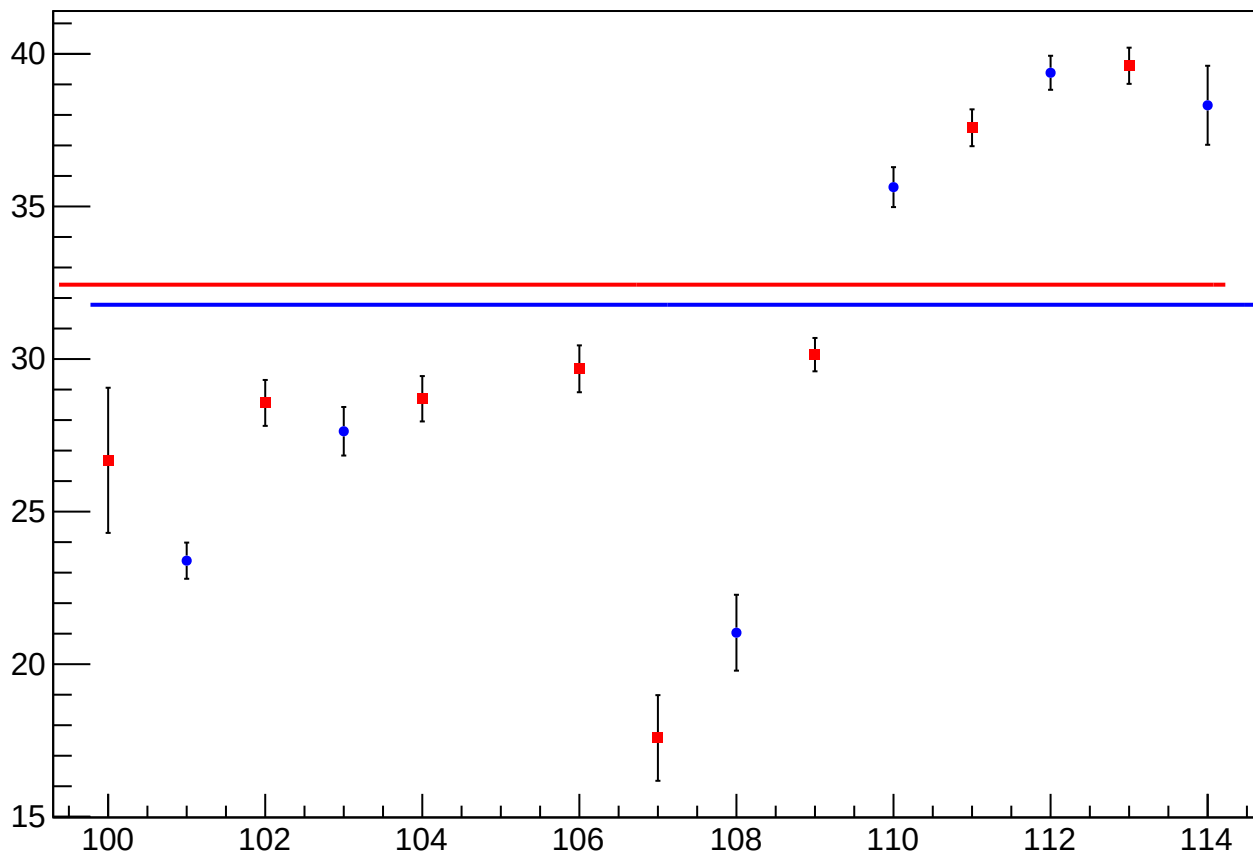
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.707+/-0.215 χ^2/NDF : 3428.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 31.779 $\pm$ 0.299 χ^2 /NDF: 548.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.437 $\pm$ 0.259 χ^2 /NDF: 419.1/7

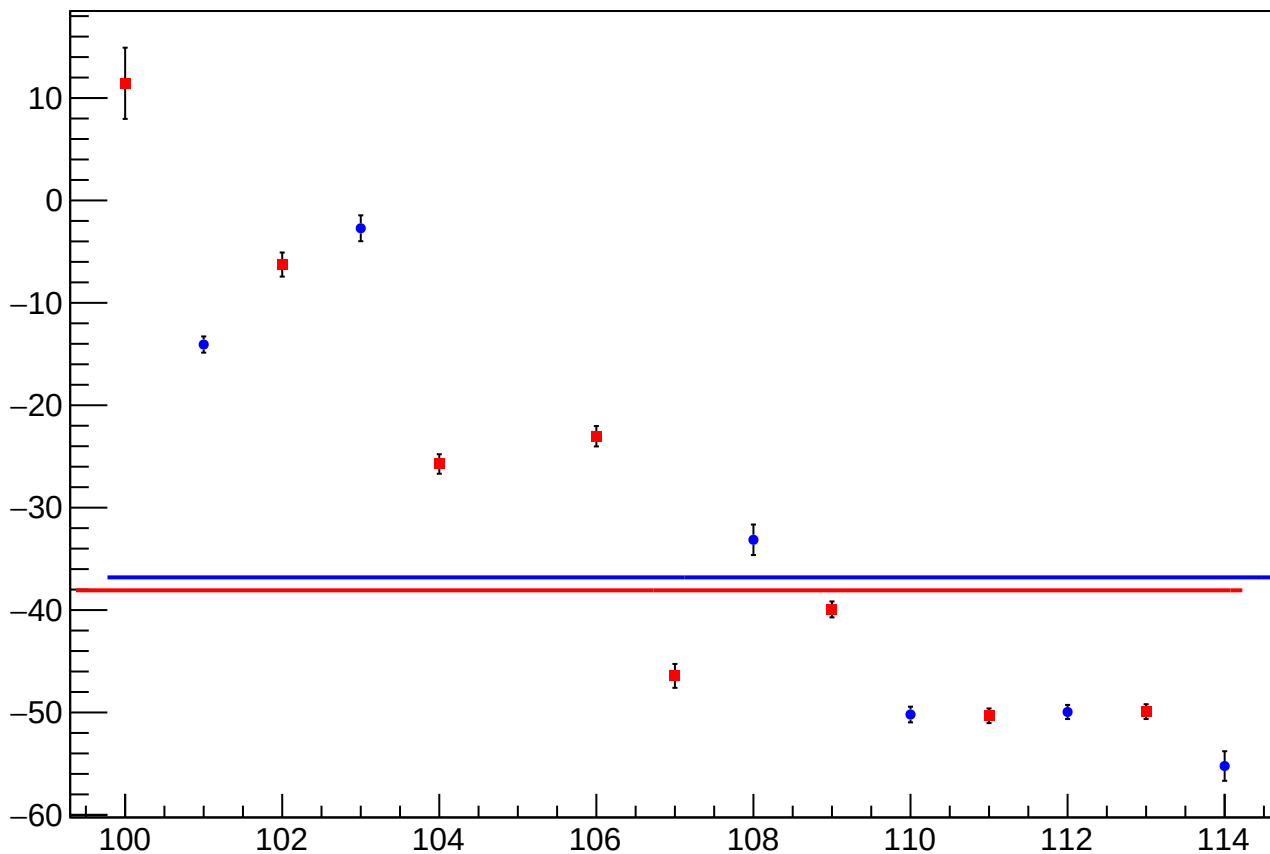
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.154 $\pm$ 0.196 χ^2 /NDF: 970.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -36.808 ± 0.379 χ^2/NDF : 2393.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.071 ± 0.330 χ^2/NDF : 1947.2/7

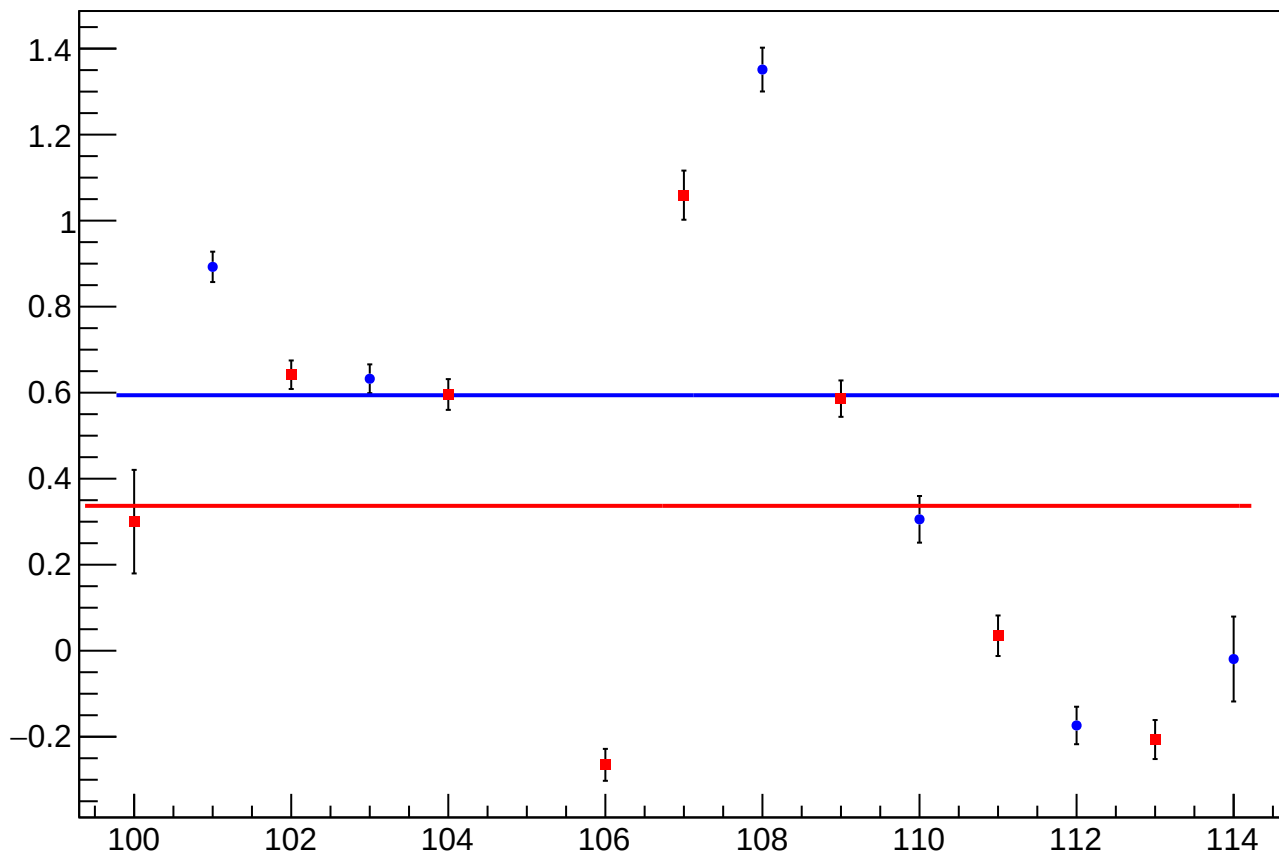
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.526 ± 0.249 χ^2/NDF : 4346.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.594 $\pm$ 0.018 χ^2 /NDF: 671.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.337 $\pm$ 0.015 χ^2 /NDF: 779.5/7

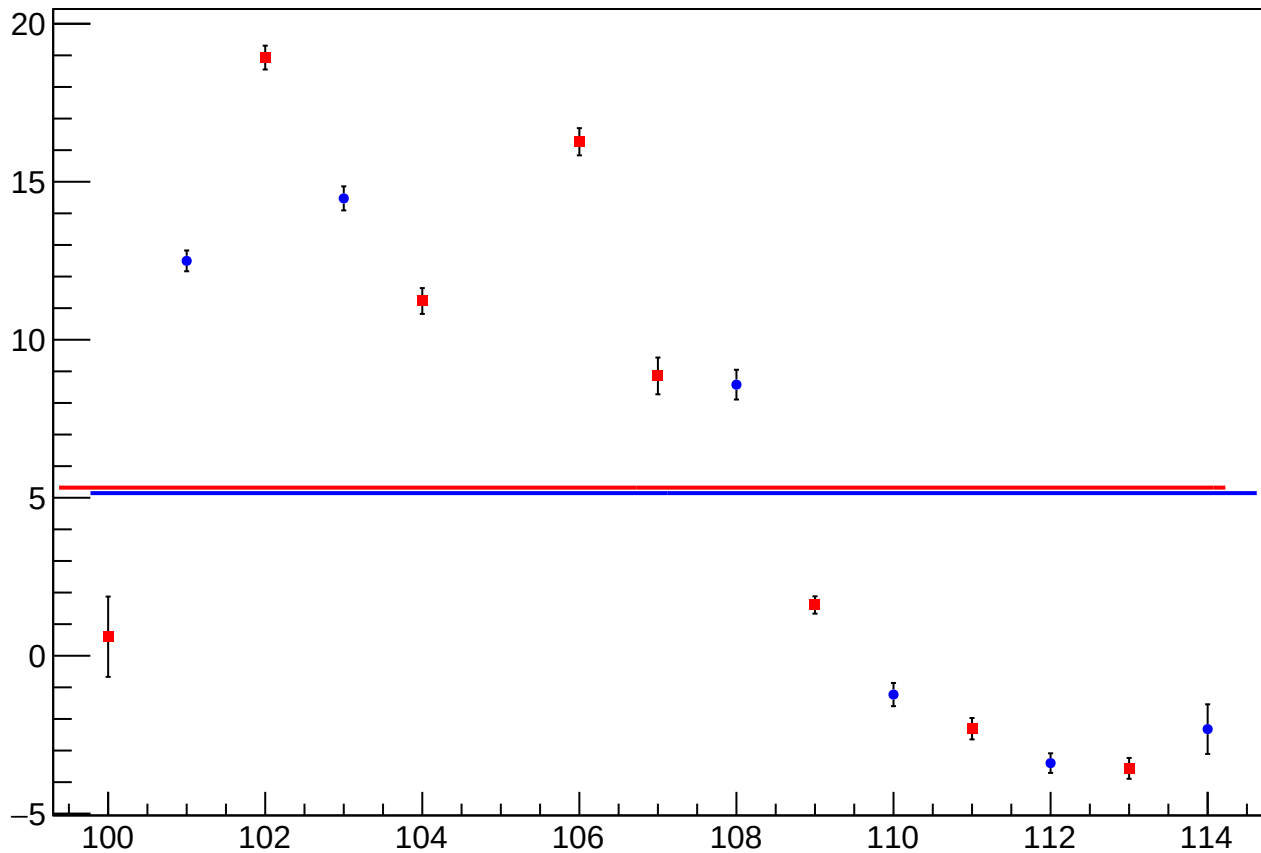
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.444 $\pm$ 0.012 χ^2 /NDF: 1568.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 5.147+/-0.158 χ^2/NDF : 2306.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.321+/-0.137 χ^2/NDF : 3630.0/7

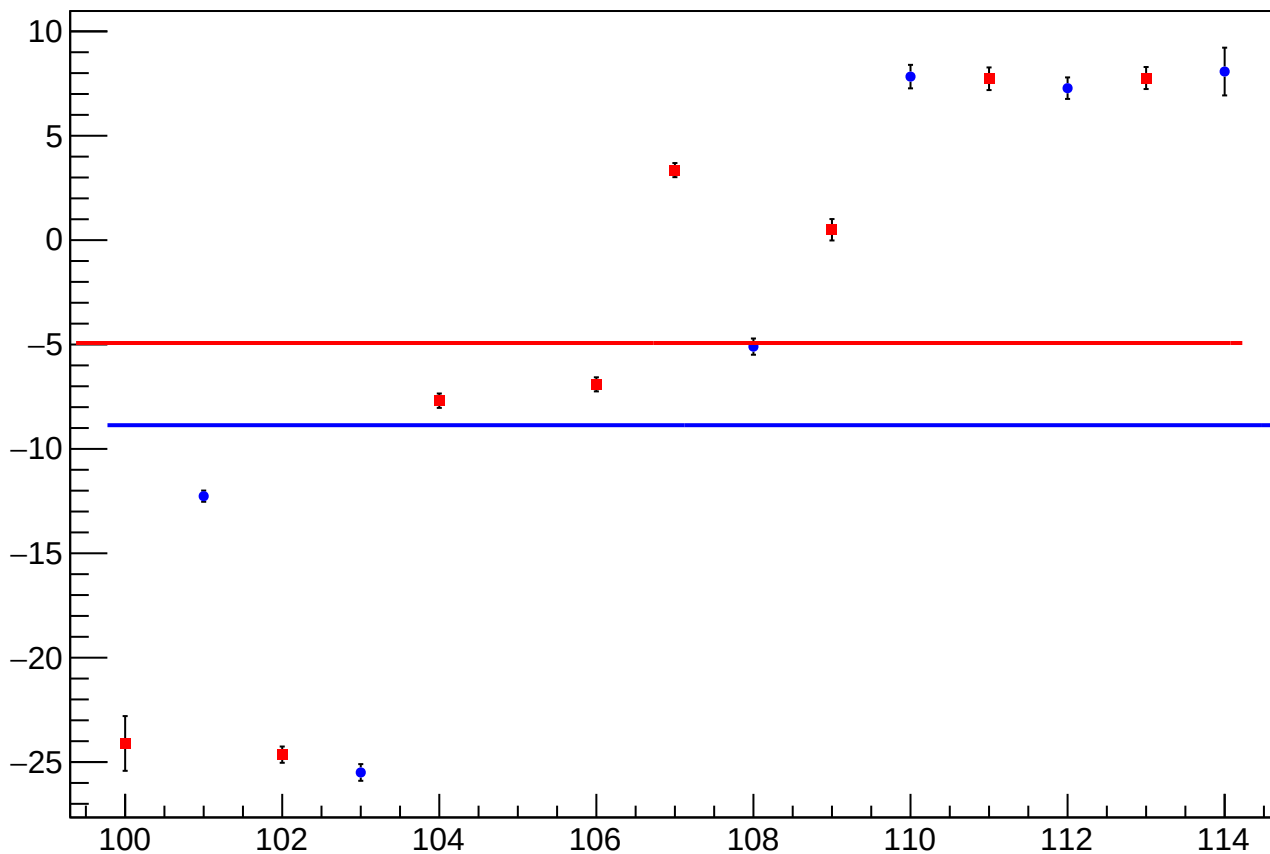
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.246+/-0.103 χ^2/NDF : 5936.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -8.864+/-0.170 χ^2/NDF : 4068.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.927+/-0.151 χ^2/NDF : 4710.2/7

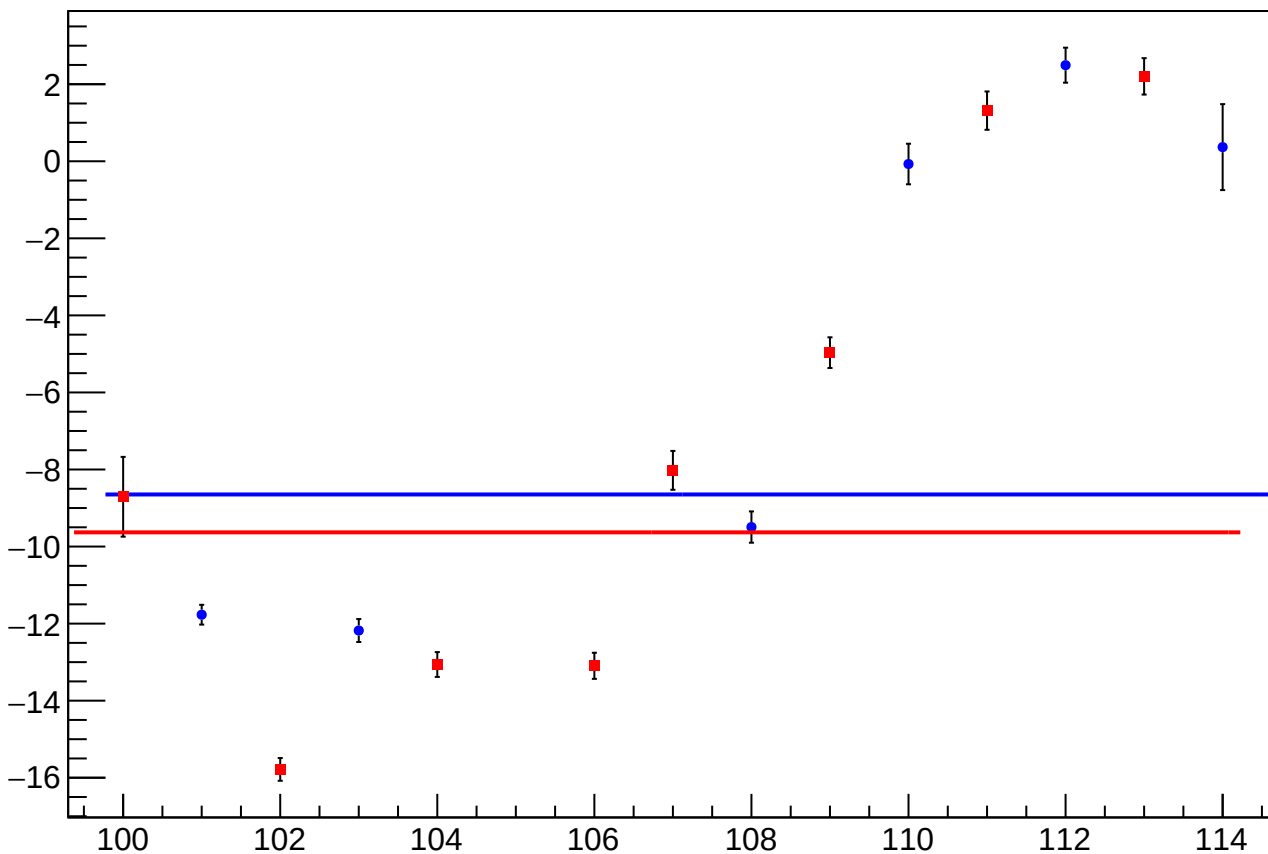
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.657+/-0.113 χ^2/NDF : 9077.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -8.648 $\pm$ 0.155 χ^2 /NDF: 1223.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.631 $\pm$ 0.142 χ^2 /NDF: 1910.8/7

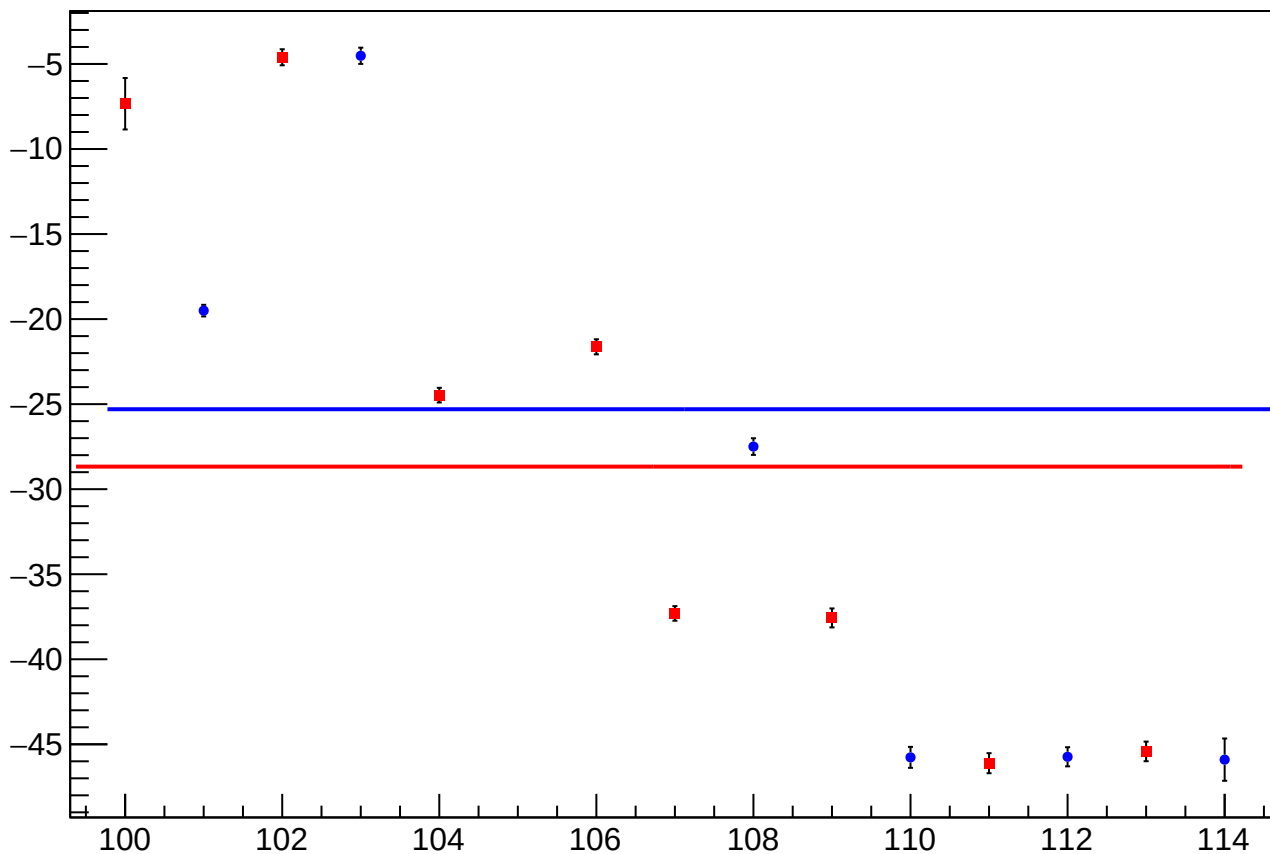
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.182 $\pm$ 0.105 χ^2 /NDF: 3156.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -25.300+/-0.206 χ^2/NDF : 4903.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.674+/-0.183 χ^2/NDF : 5522.4/7

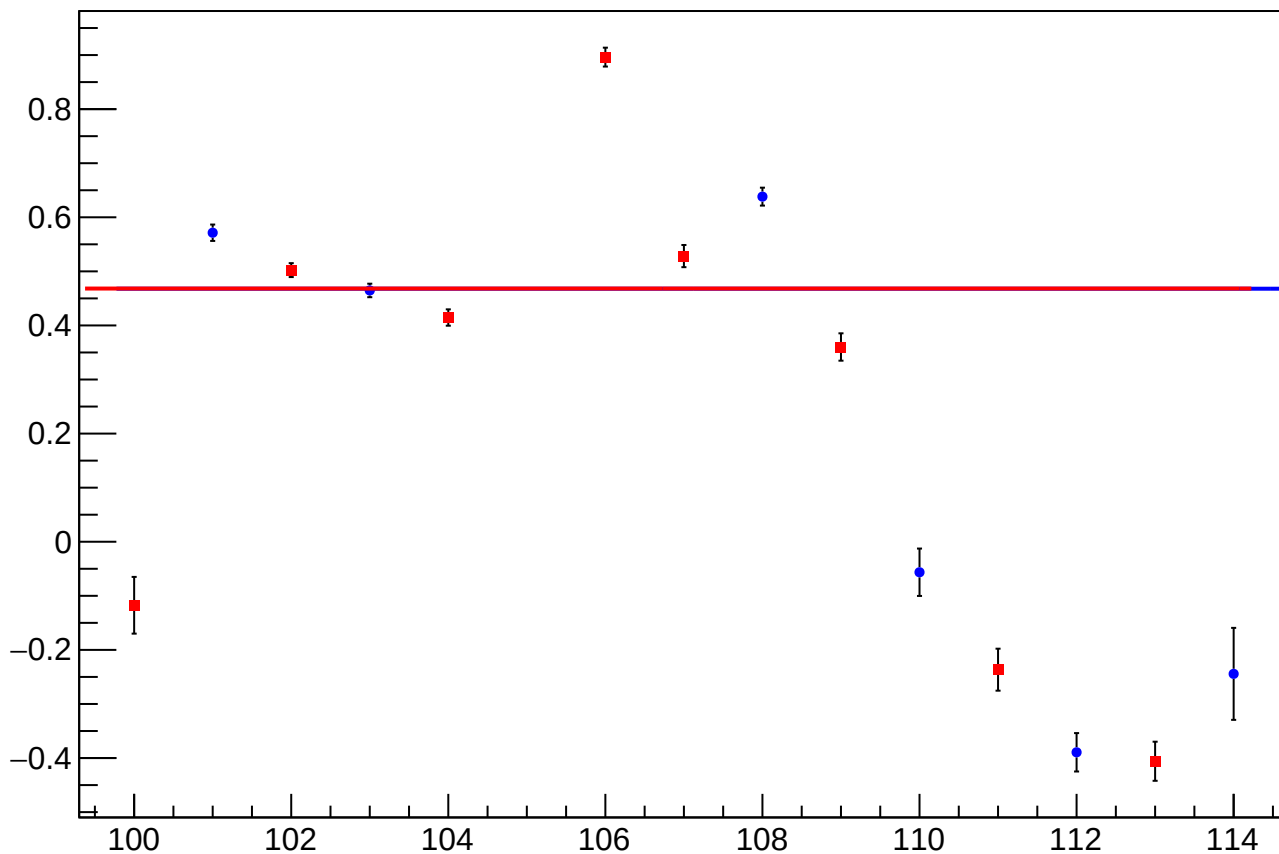
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.186+/-0.137 χ^2/NDF : 10576.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.468 $\pm$ 0.008 χ^2 /NDF: 948.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.468 $\pm$ 0.007 χ^2 /NDF: 1686.0/7

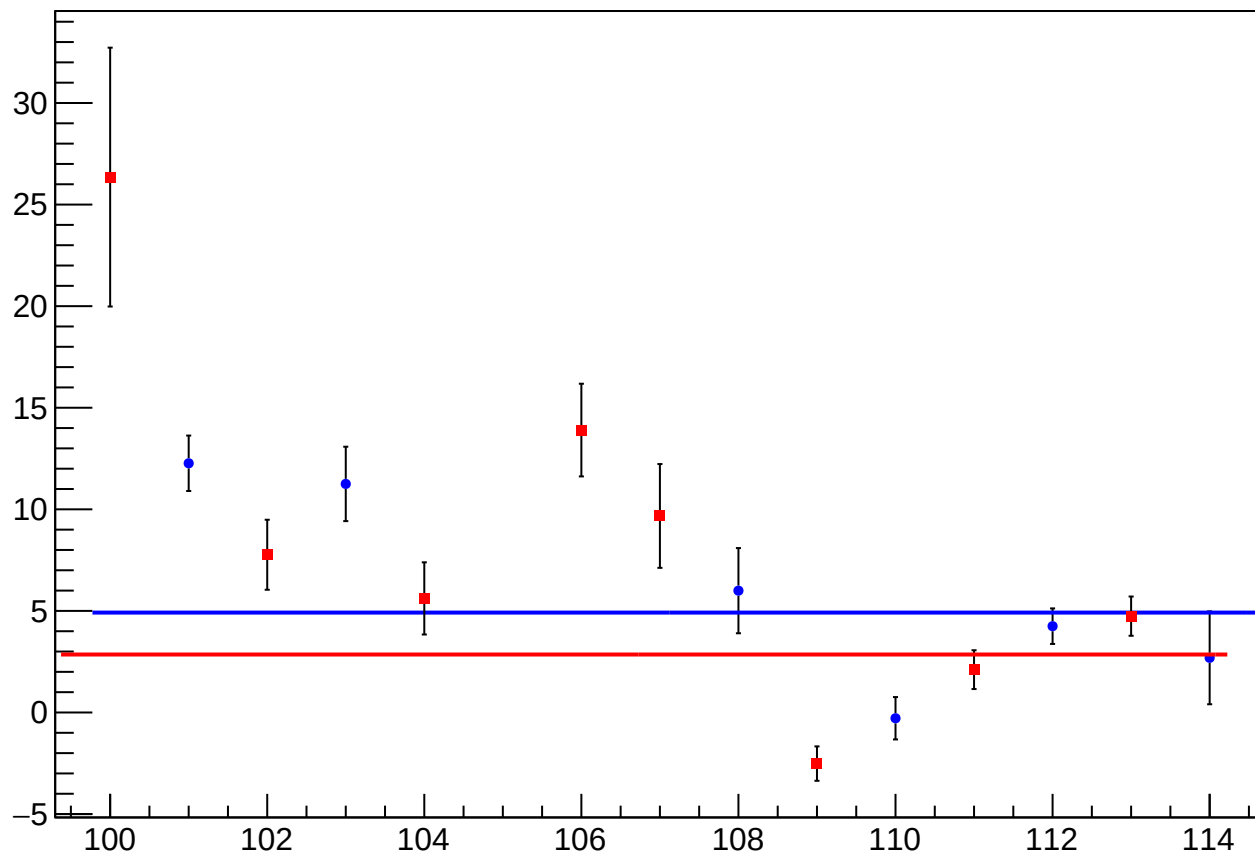
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2634.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 4.918 $\pm$ 0.536 χ^2 /NDF: 67.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.853 $\pm$ 0.467 χ^2 /NDF: 99.4/7

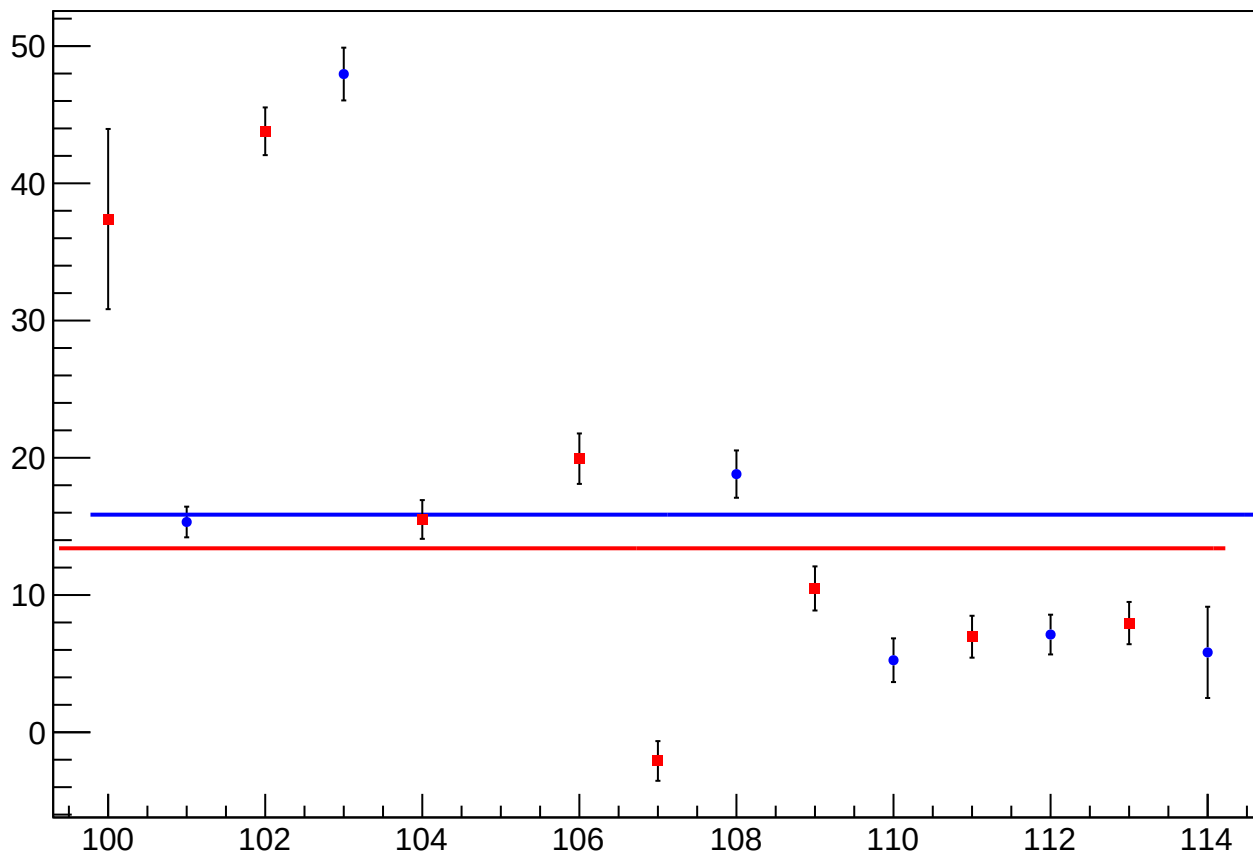
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.744 $\pm$ 0.352 χ^2 /NDF: 175.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 15.856+/-0.650 χ^2/NDF : 372.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.405+/-0.590 χ^2/NDF : 482.3/7

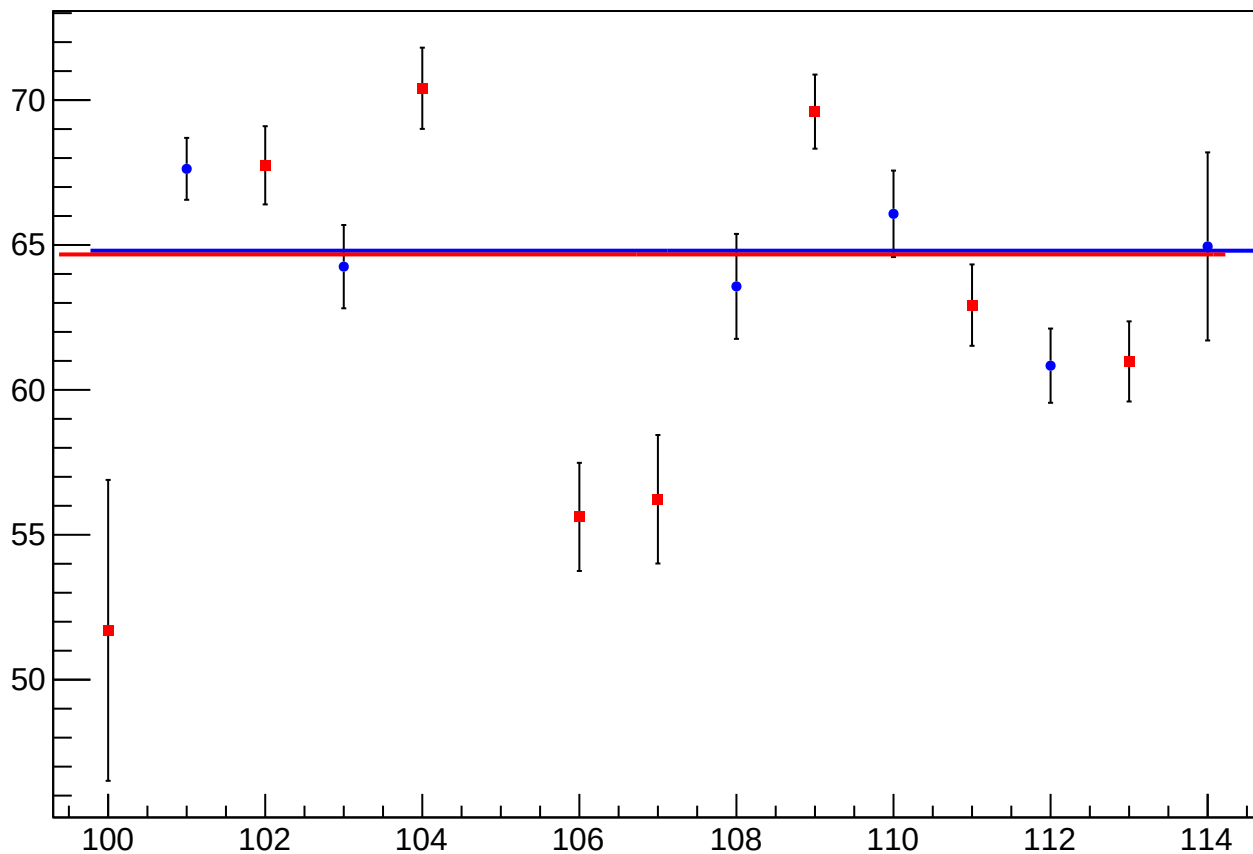
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.514+/-0.437 χ^2/NDF : 862.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 64.803 $\pm$ 0.596 χ^2/NDF : 17.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 64.674 $\pm$ 0.557 χ^2/NDF : 89.8/7

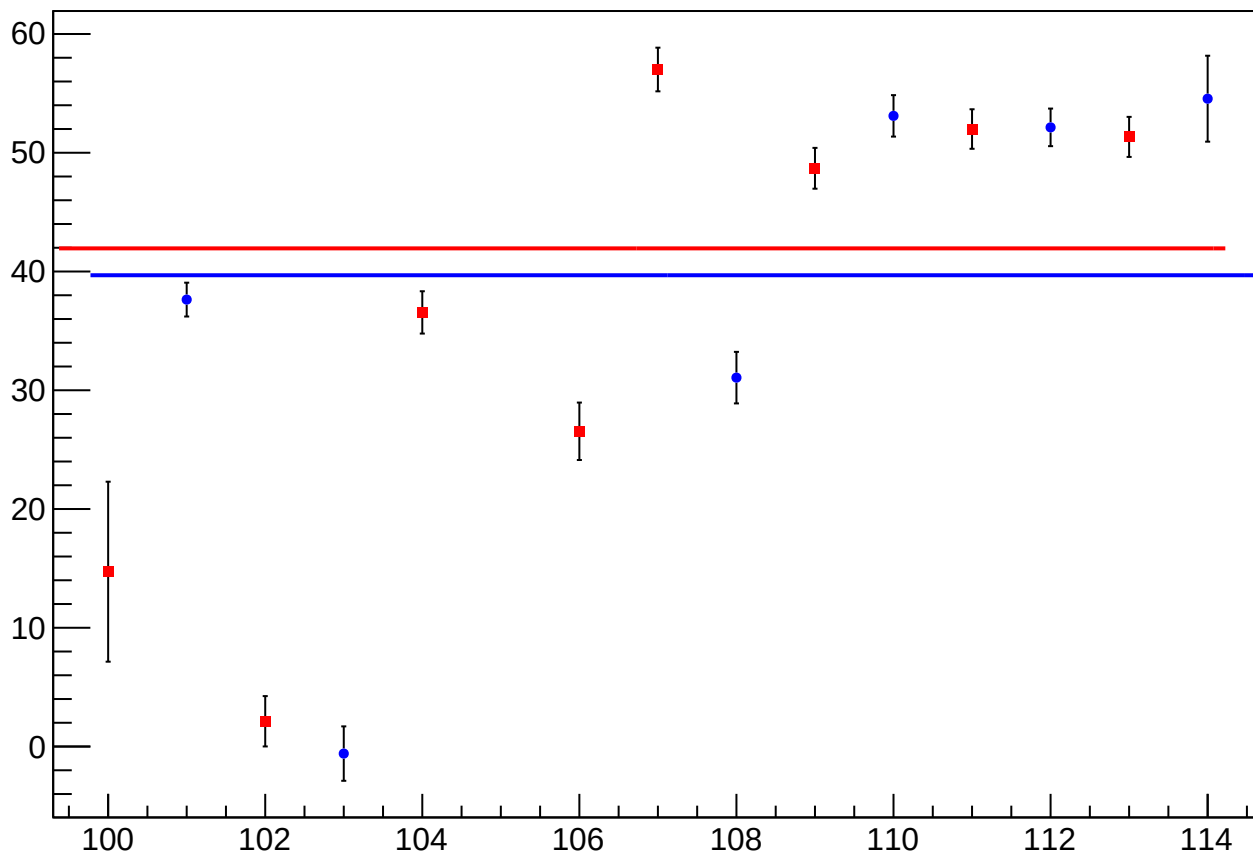
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 64.734 $\pm$ 0.407 χ^2/NDF : 107.7/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 39.686 $\pm$ 0.767 χ^2 /NDF: 464.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.948 $\pm$ 0.695 χ^2 /NDF: 565.5/7

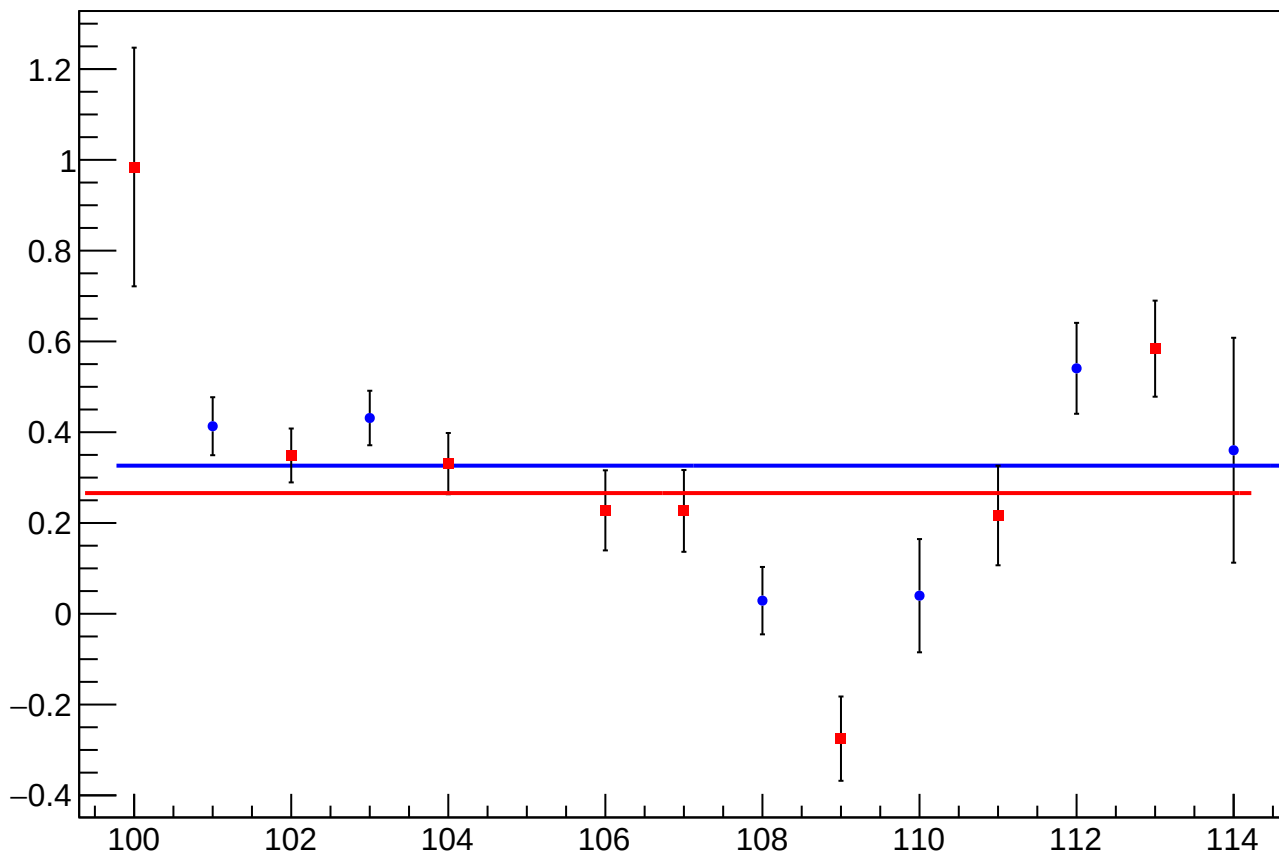
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.929 $\pm$ 0.515 χ^2 /NDF: 1035.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.326 $\pm$ 0.034 χ^2 /NDF: 30.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.266 $\pm$ 0.031 χ^2 /NDF: 53.9/7

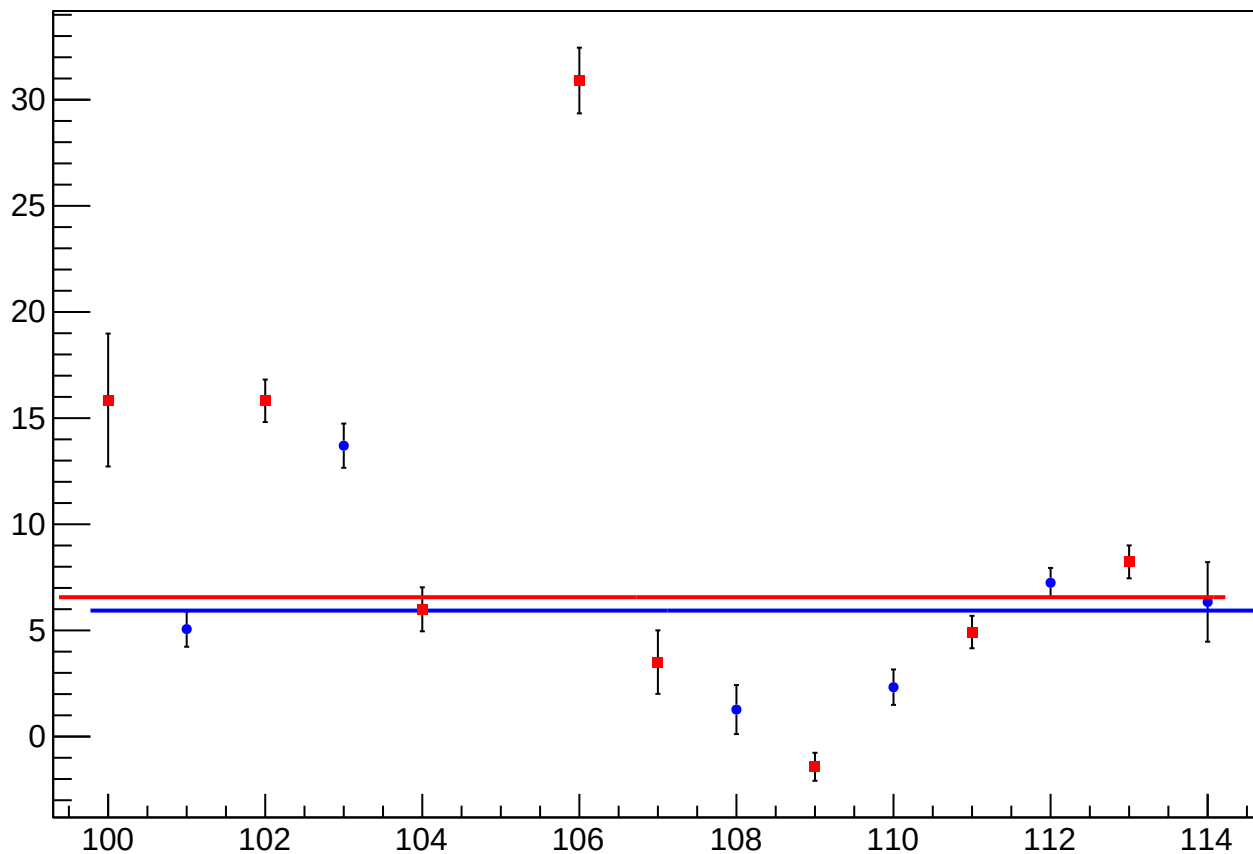
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.293 $\pm$ 0.023 χ^2 /NDF: 86.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 5.935 $\pm$ 0.381 χ^2 /NDF: 95.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.565 $\pm$ 0.341 χ^2 /NDF: 501.8/7

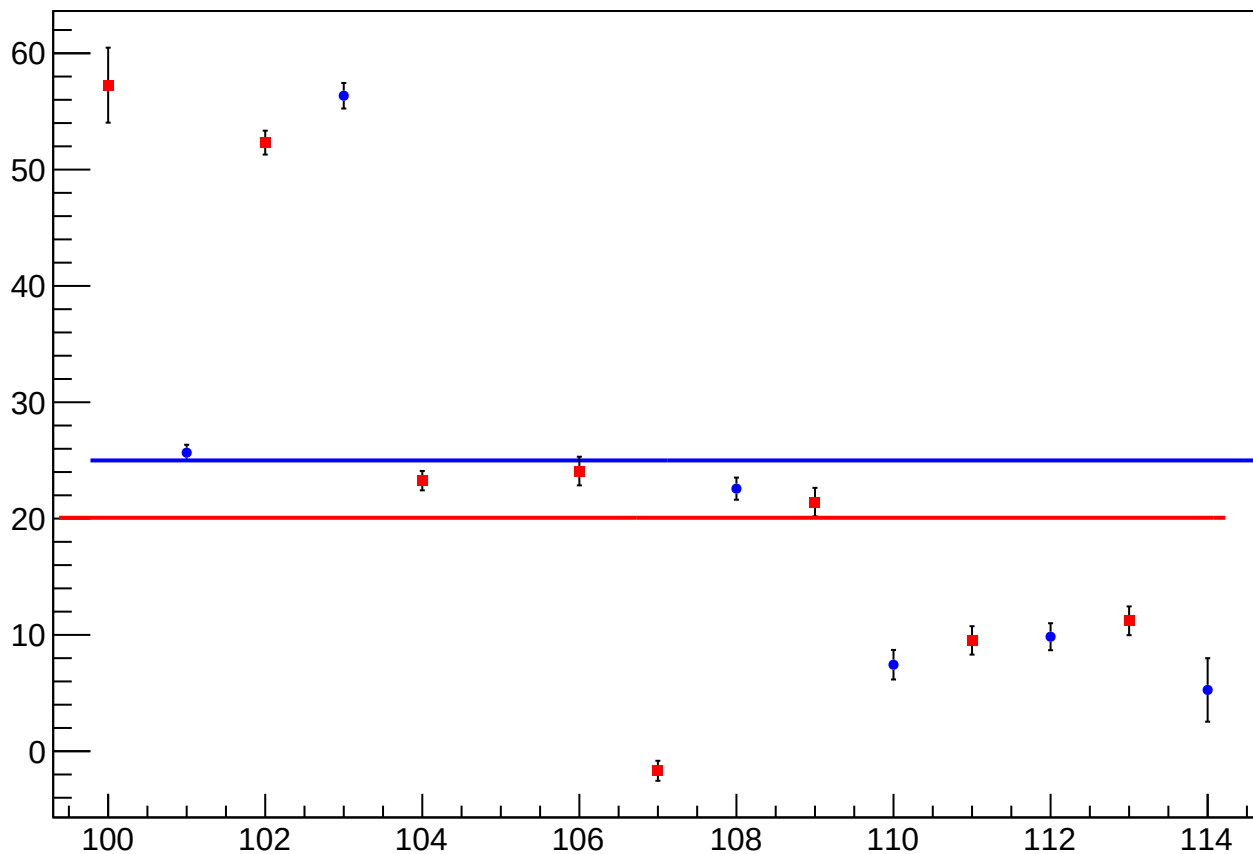
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.284 $\pm$ 0.254 χ^2 /NDF: 598.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 24.999 $\pm$ 0.423 χ^2 /NDF: 1237.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.070 $\pm$ 0.393 χ^2 /NDF: 1911.1/7

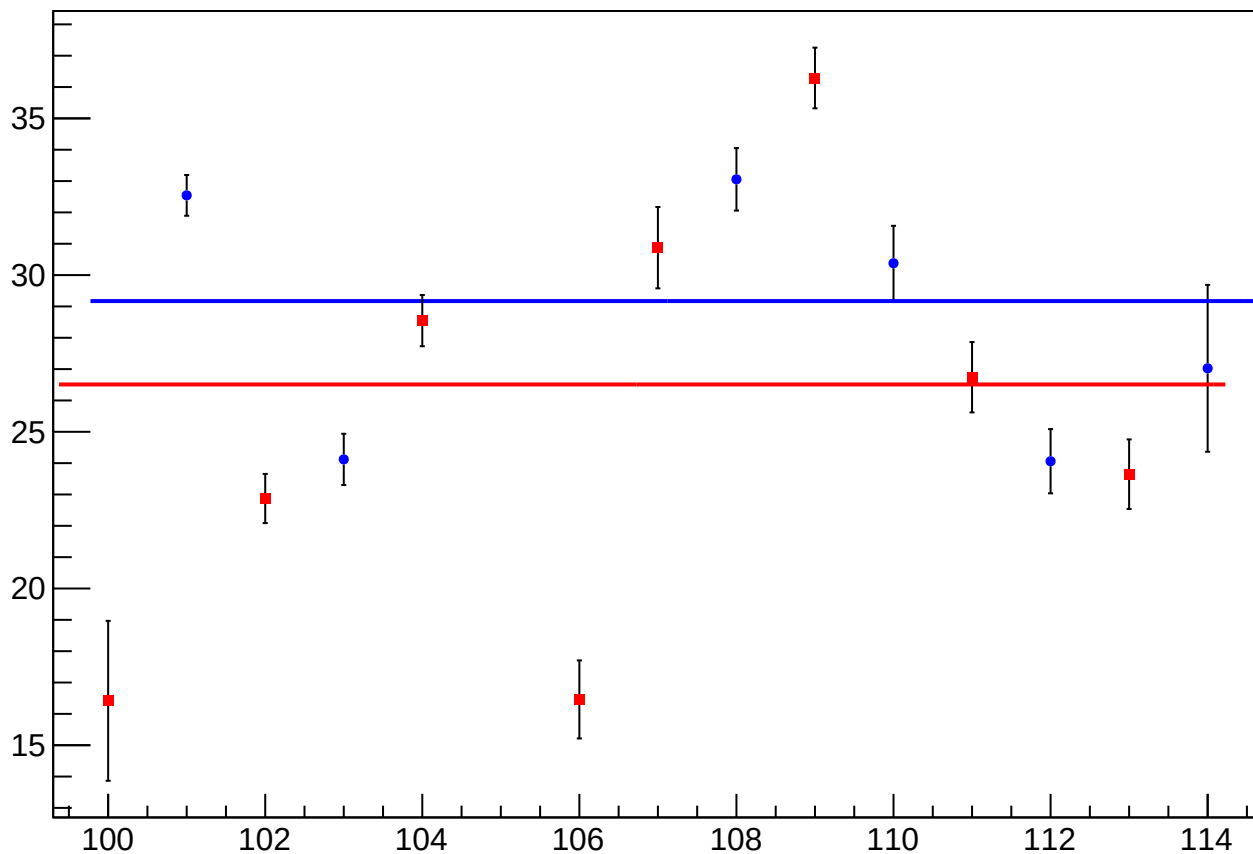
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.354 $\pm$ 0.288 χ^2 /NDF: 3221.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 29.171 $\pm$ 0.388 χ^2 /NDF: 106.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.510 $\pm$ 0.373 χ^2 /NDF: 228.6/7

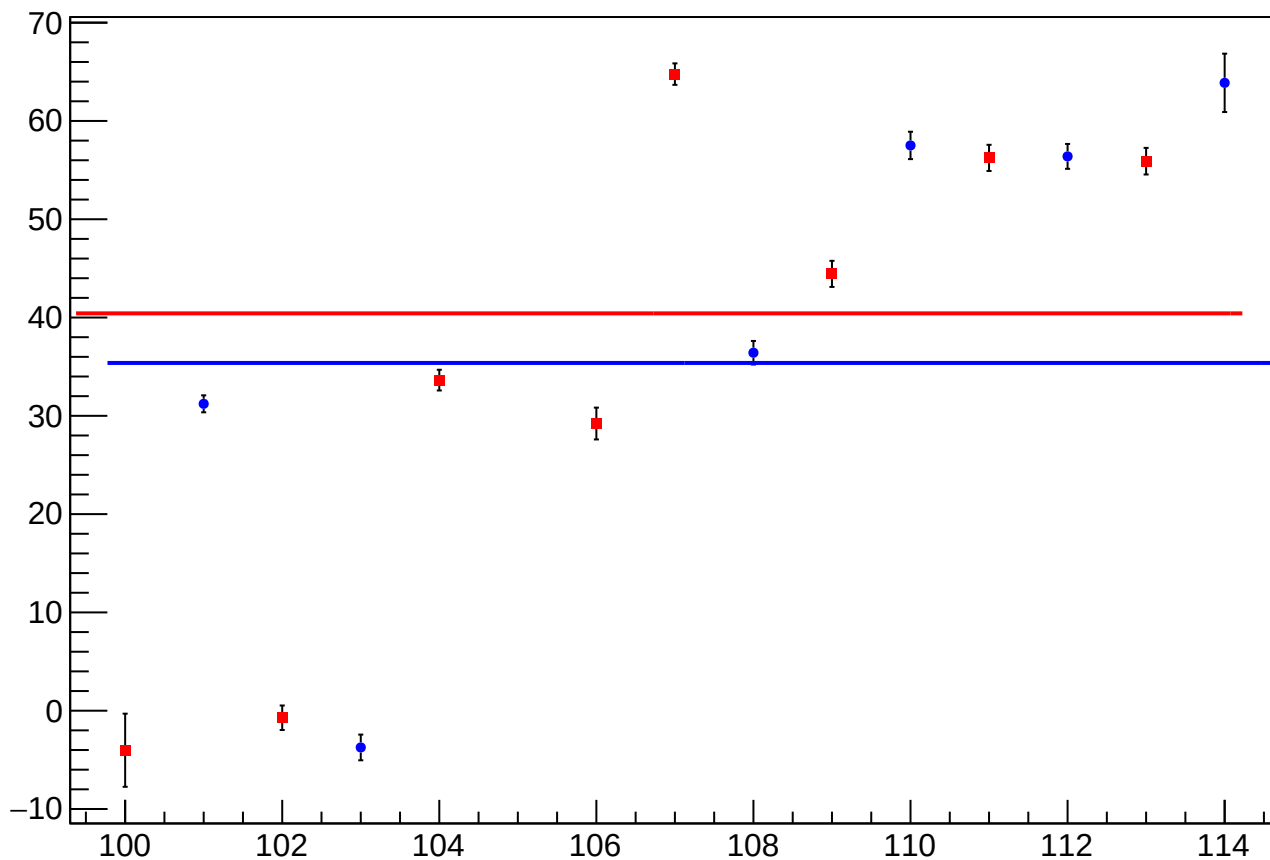
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.790 $\pm$ 0.269 χ^2 /NDF: 359.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 35.380 $\pm$ 0.508 χ^2 /NDF: 1539.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.424 $\pm$ 0.471 χ^2 /NDF: 2098.0/7

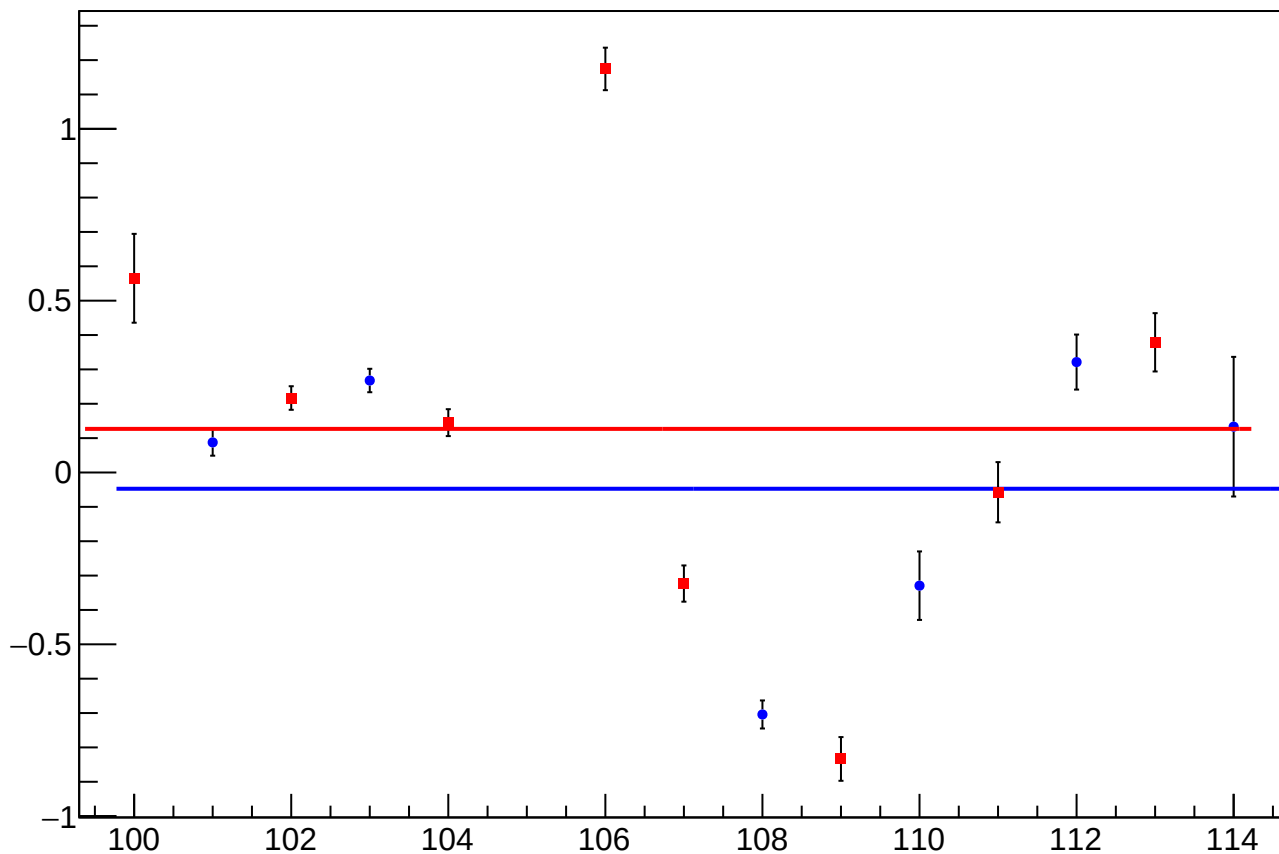
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.094 $\pm$ 0.345 χ^2 /NDF: 3690.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.047 $\pm$ 0.020 χ^2 /NDF: 386.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.127 $\pm$ 0.019 χ^2 /NDF: 619.4/7

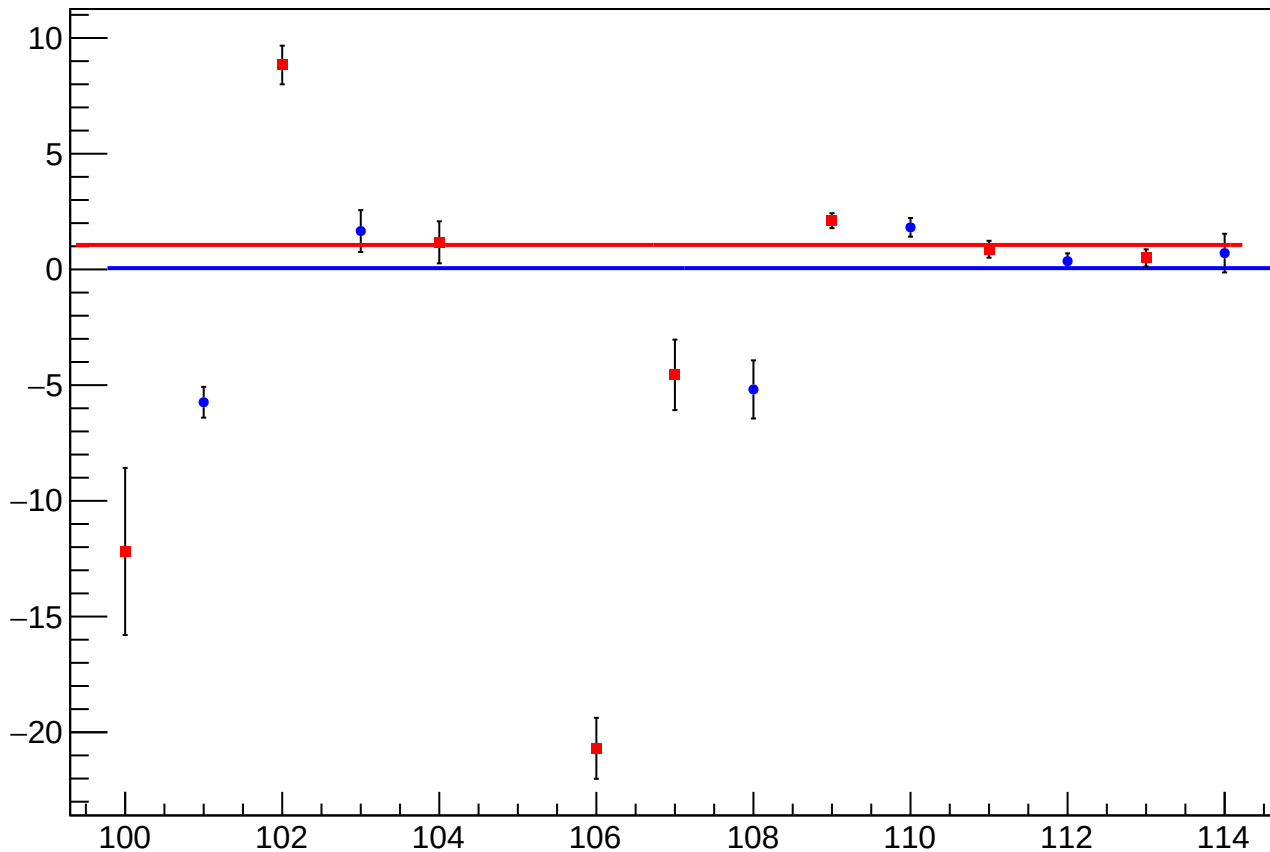
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.045 $\pm$ 0.014 χ^2 /NDF: 1044.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.055+/-0.220 χ^2/NDF : 117.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.059+/-0.188 χ^2/NDF : 399.6/7

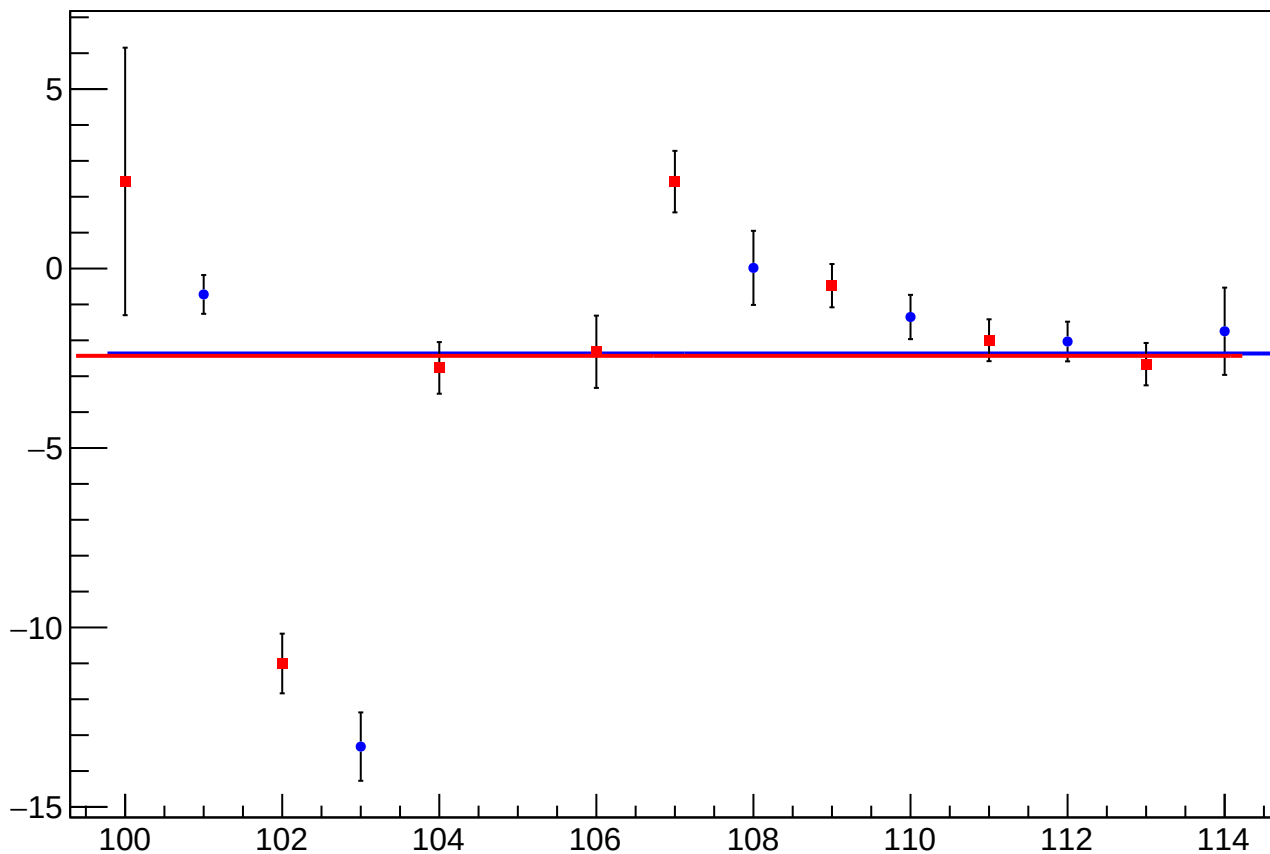
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.635+/-0.143 χ^2/NDF : 528.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -2.367 $\pm$ 0.288 χ^2 /NDF: 150.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.432 $\pm$ 0.264 χ^2 /NDF: 151.5/7

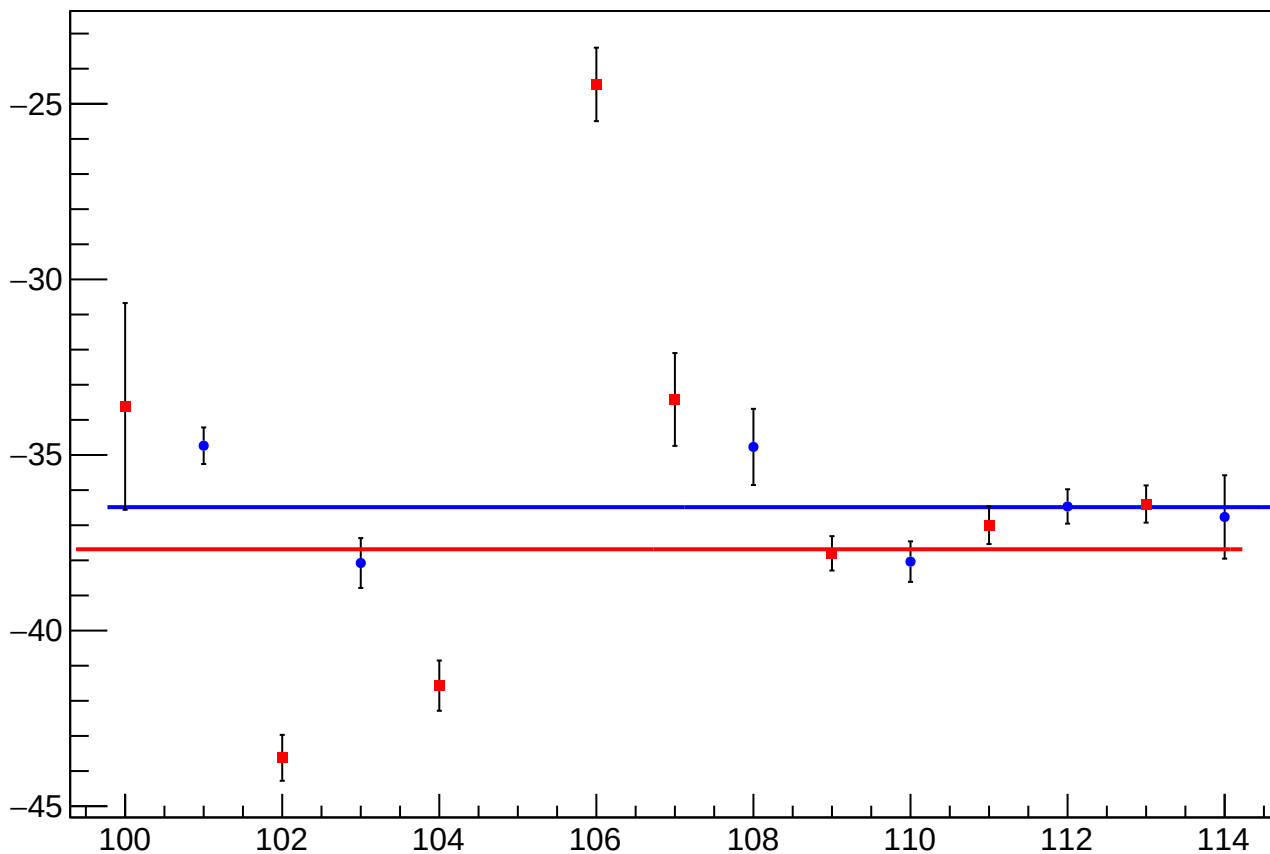
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.402 $\pm$ 0.195 χ^2 /NDF: 301.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -36.485+/-0.263 χ^2/NDF : 26.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.684+/-0.242 χ^2/NDF : 291.8/7

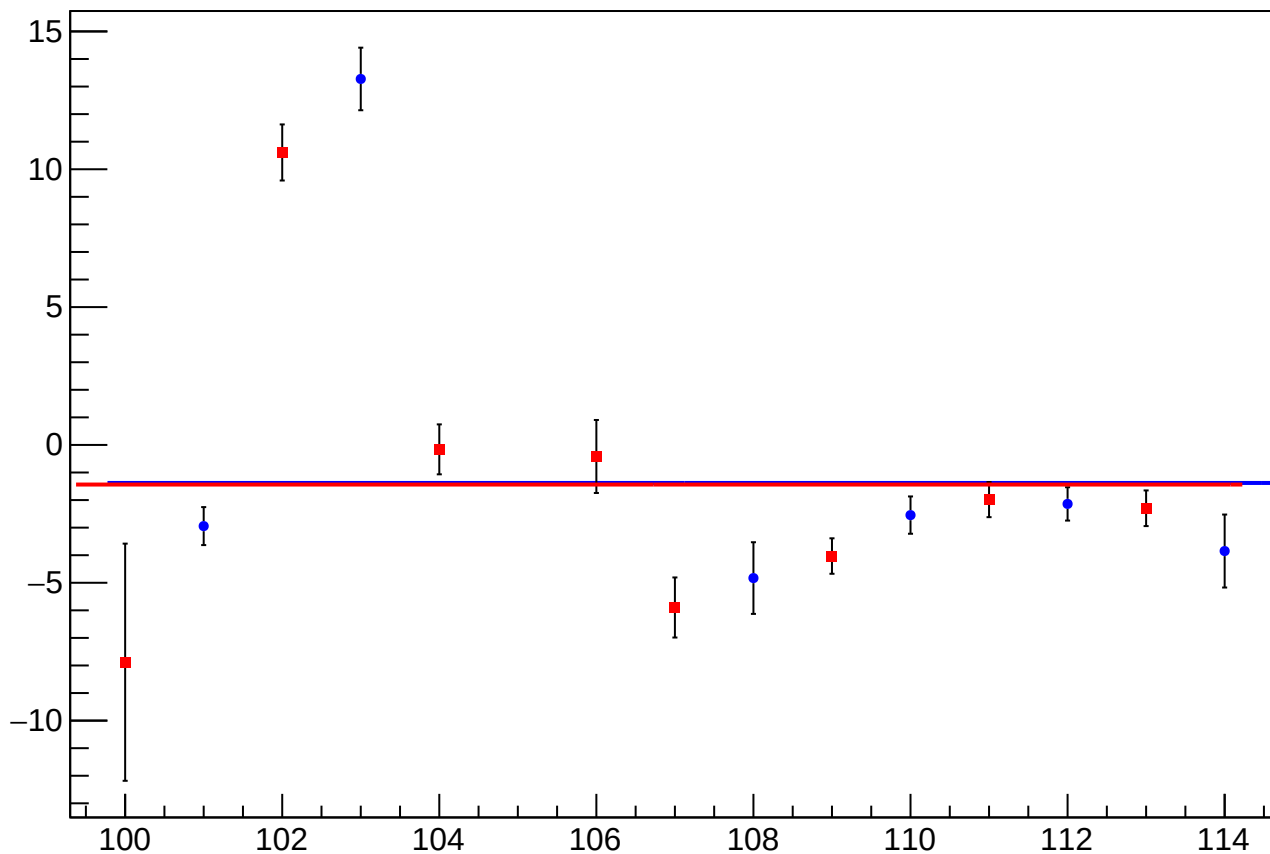
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.136+/-0.178 χ^2/NDF : 329.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: -1.379 ± 0.334 χ^2/NDF : 187.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.437 ± 0.302 χ^2/NDF : 180.6/7

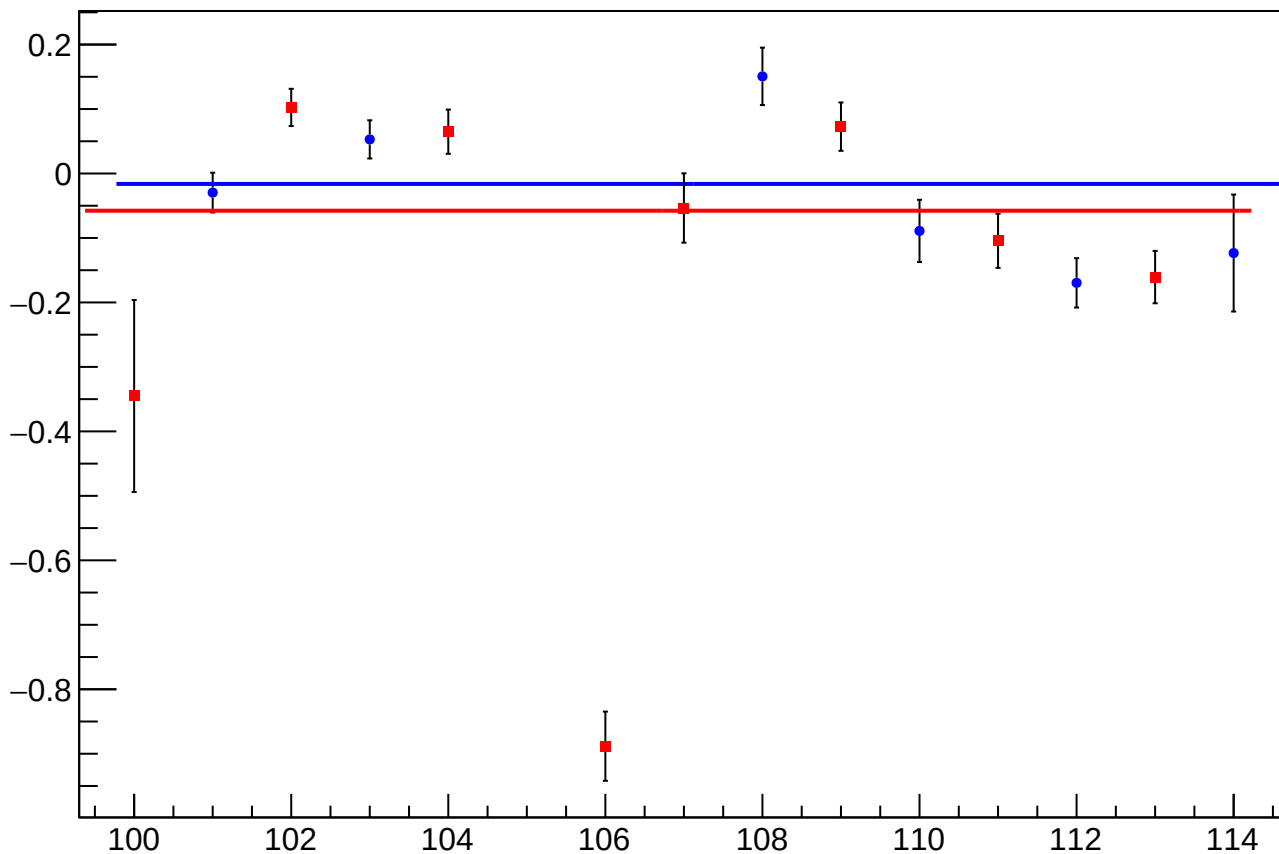
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.411 ± 0.224 χ^2/NDF : 367.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.016 ± 0.016 χ^2/NDF : 39.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.015 χ^2/NDF : 306.5/7

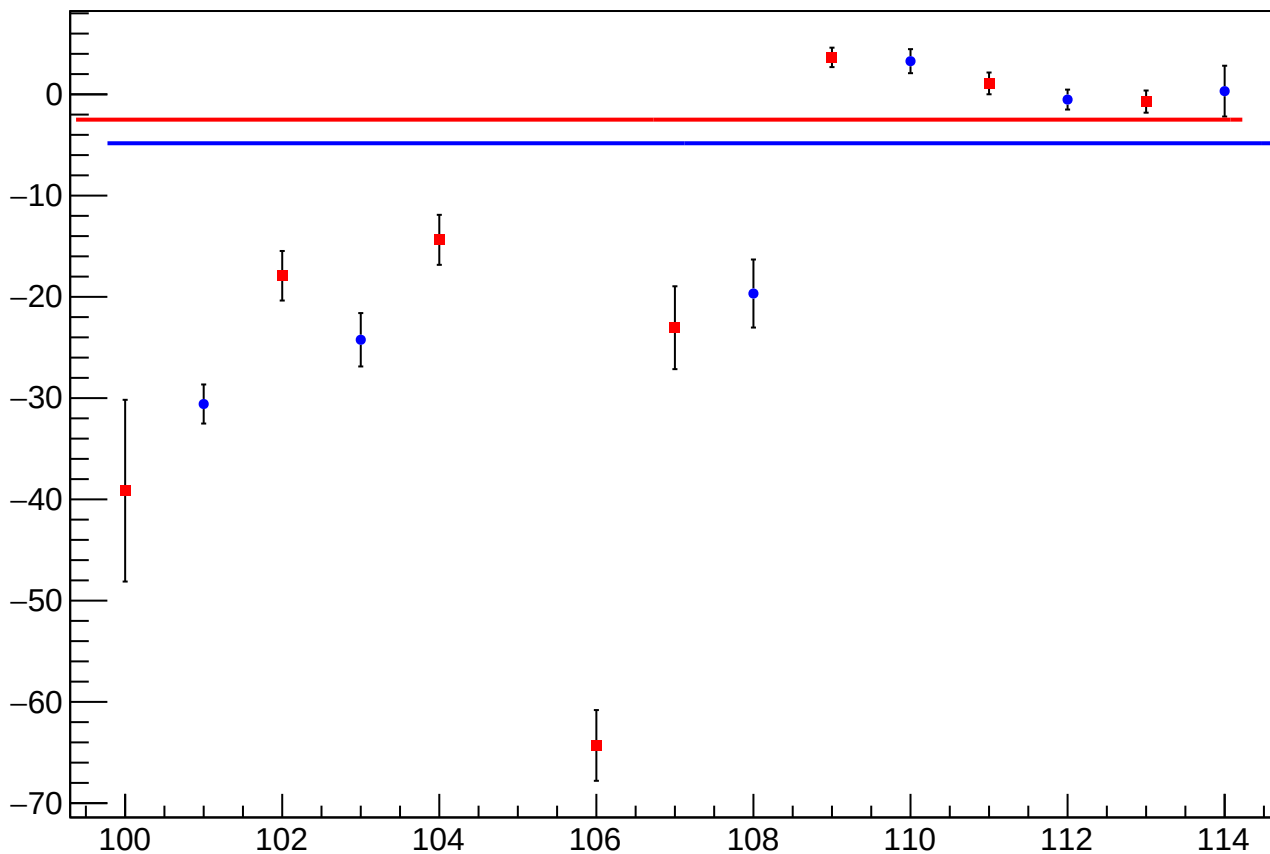
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.011 χ^2/NDF : 349.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -4.831+/-0.645 χ^2/NDF : 321.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.499+/-0.553 χ^2/NDF : 472.6/7

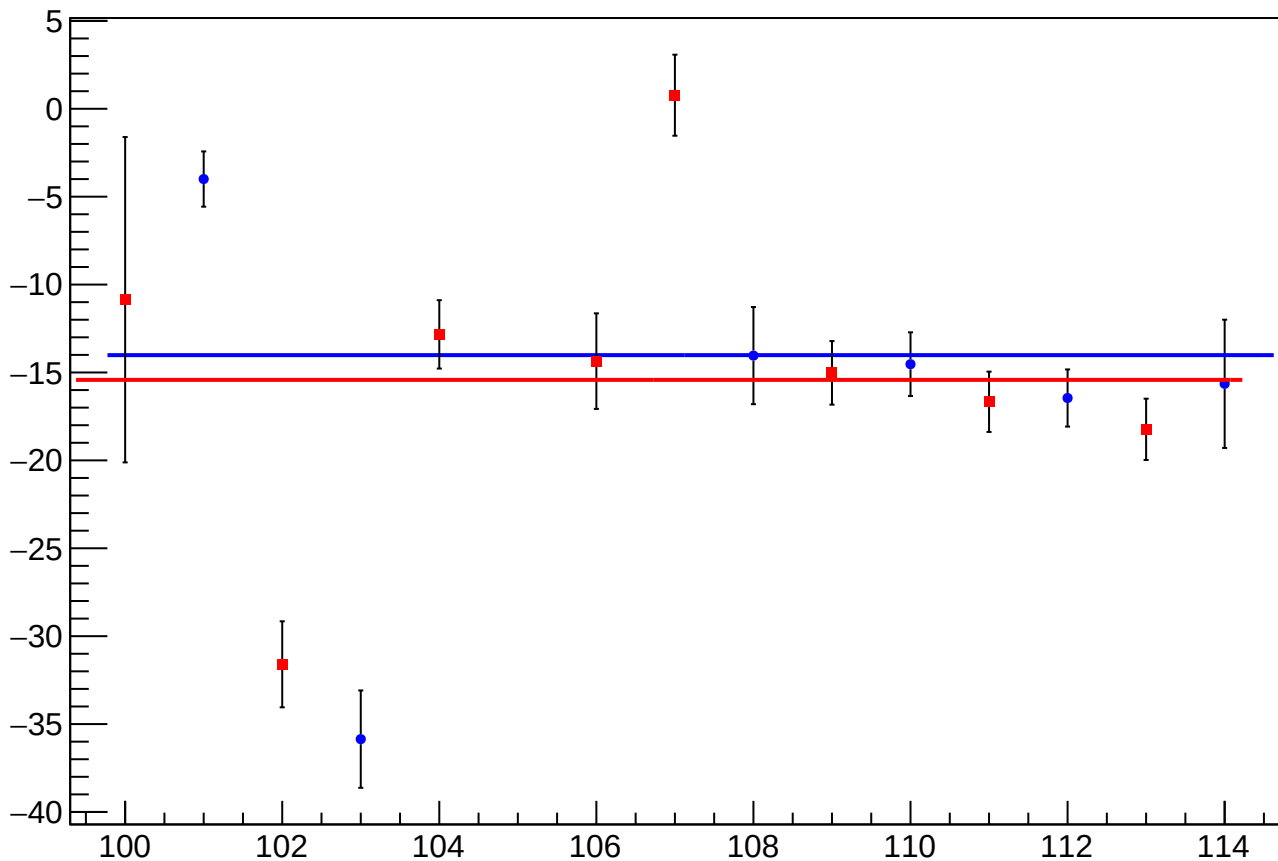
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.486+/-0.420 χ^2/NDF : 802.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -14.013 ± 0.838 χ^2/NDF : 105.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.421 ± 0.758 χ^2/NDF : 98.4/7

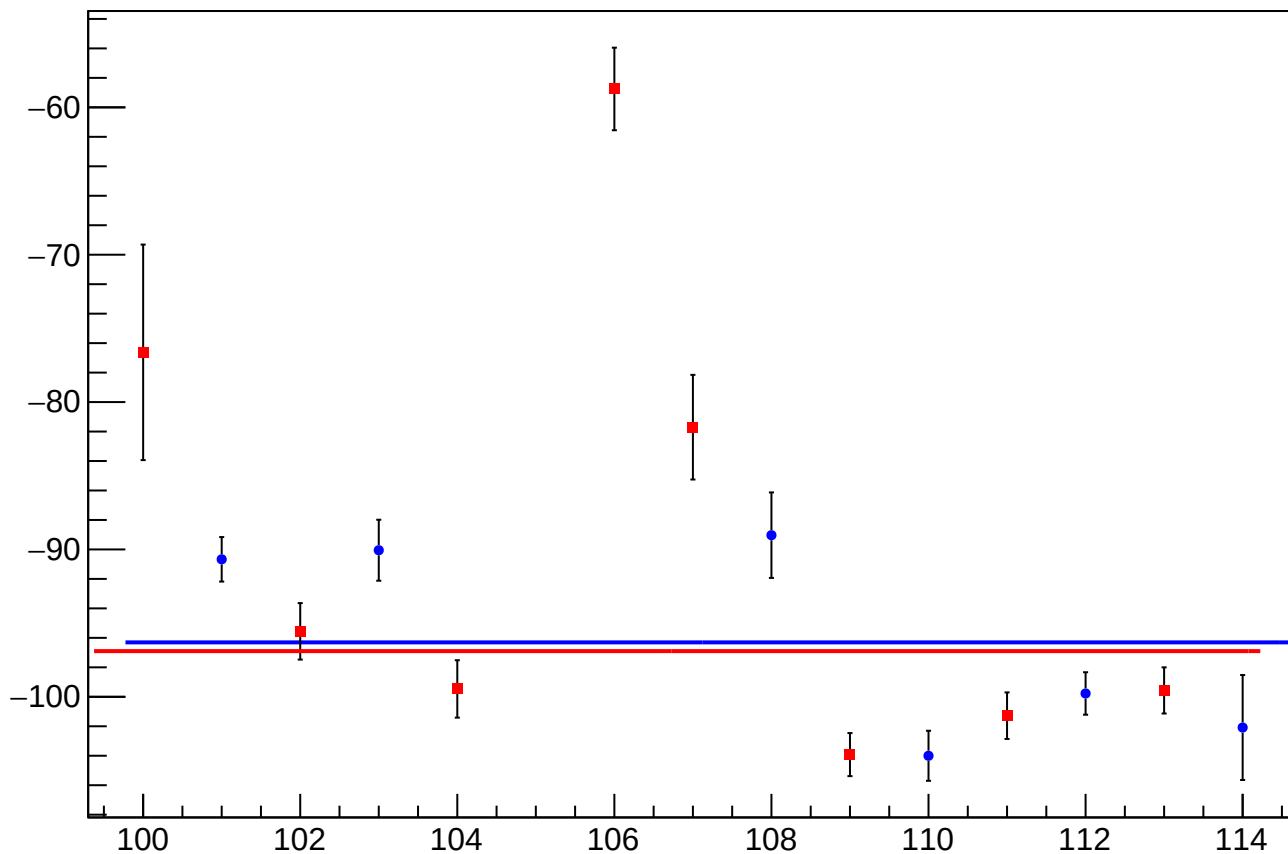
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.788 ± 0.562 χ^2/NDF : 205.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -96.307 $\pm$ 0.767 χ^2 /NDF: 58.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.899 $\pm$ 0.701 χ^2 /NDF: 247.3/7

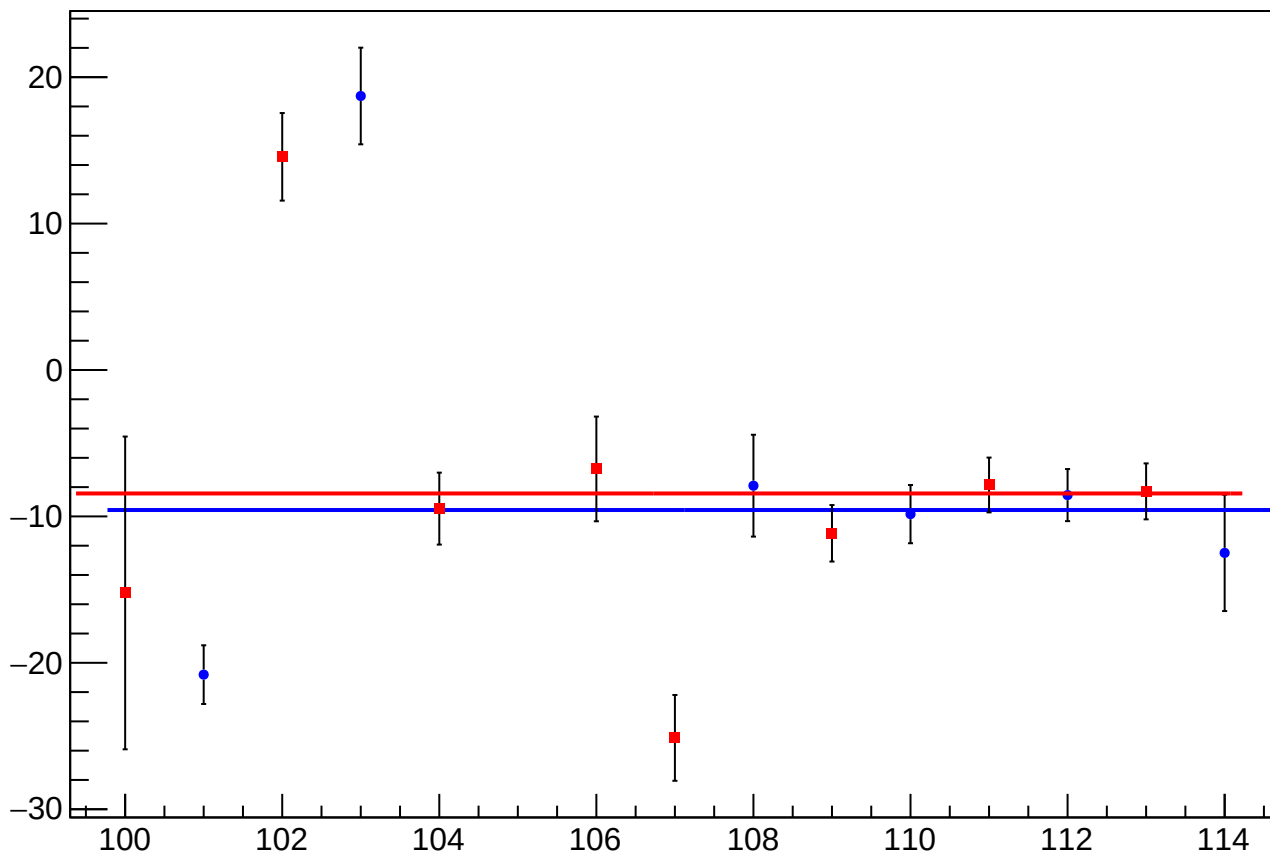
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.630 $\pm$ 0.517 χ^2 /NDF: 306.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: -9.564 $\pm$ 0.973 χ^2 /NDF: 106.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.433 $\pm$ 0.874 χ^2 /NDF: 94.4/7

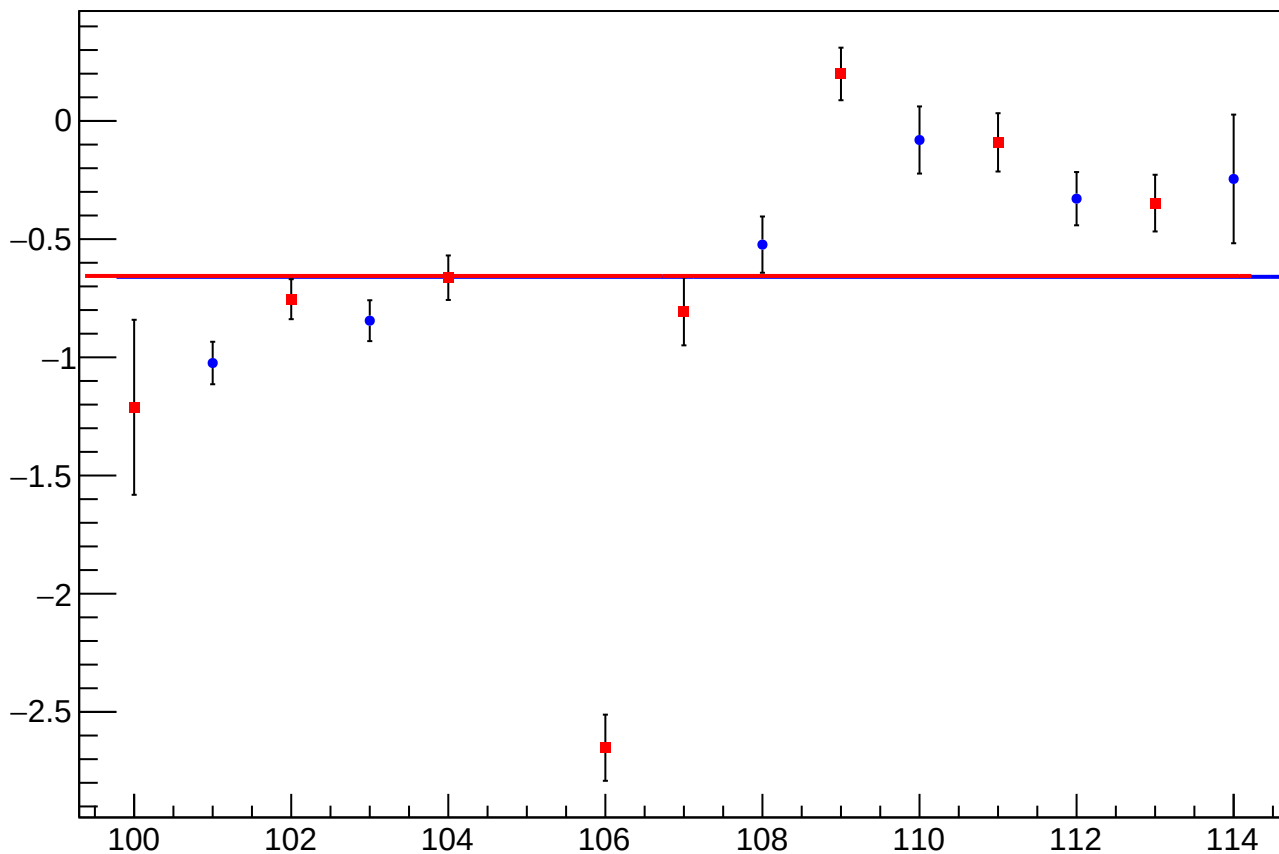
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.938 $\pm$ 0.650 χ^2 /NDF: 201.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.659+/-0.046 χ^2/NDF : 49.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.656+/-0.042 χ^2/NDF : 294.8/7

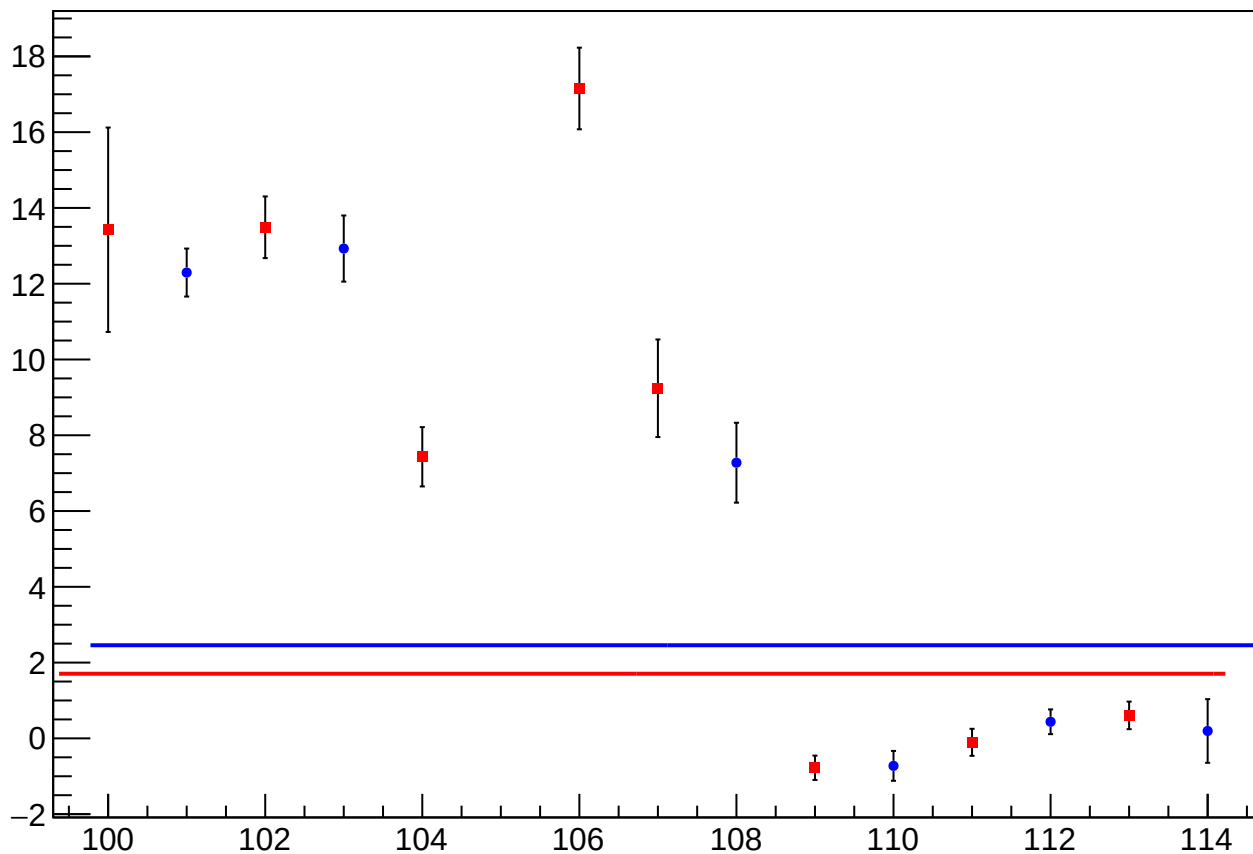
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.657+/-0.031 χ^2/NDF : 344.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 2.458 $\pm$ 0.214 χ^2 /NDF: 516.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.706 $\pm$ 0.183 χ^2 /NDF: 616.6/7

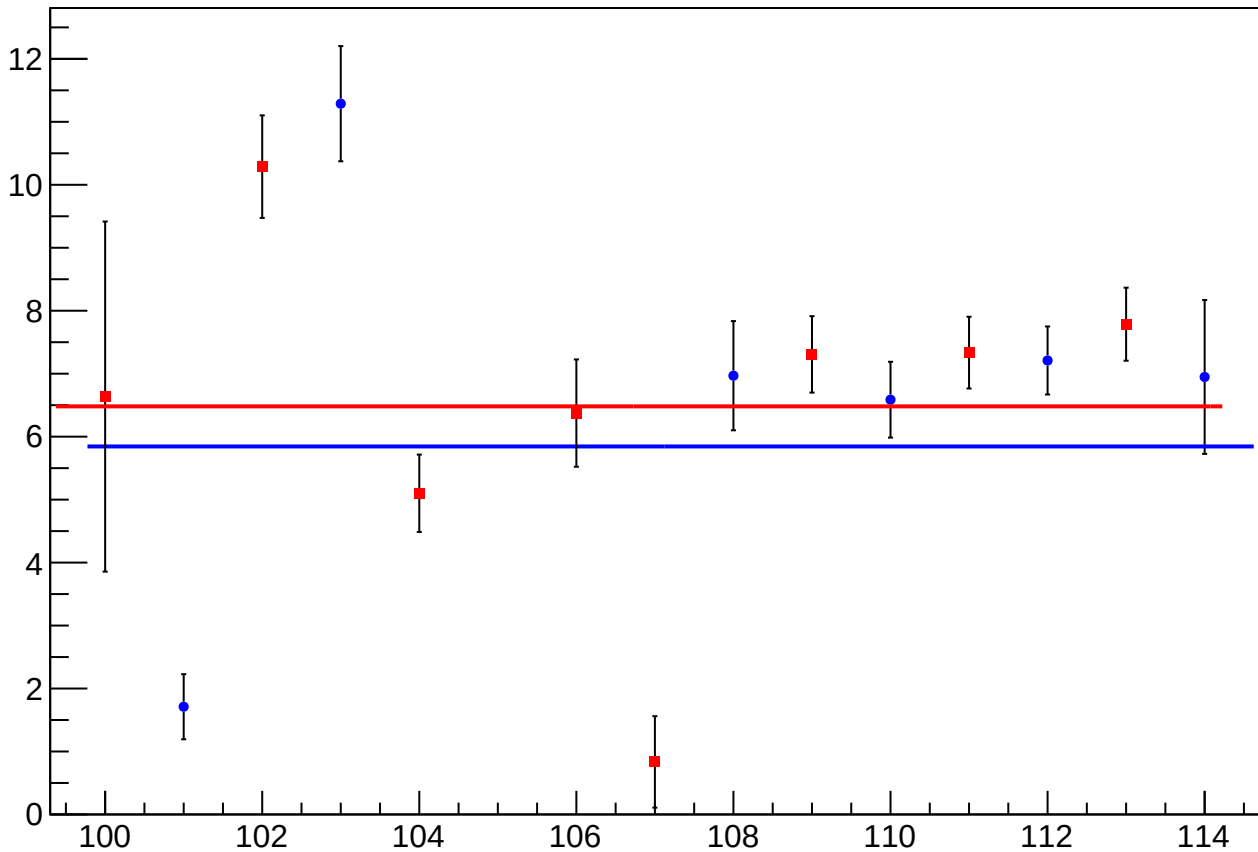
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.024 $\pm$ 0.139 χ^2 /NDF: 1140.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 5.845 $\pm$ 0.276 χ^2 /NDF: 109.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.481 $\pm$ 0.247 χ^2 /NDF: 96.5/7

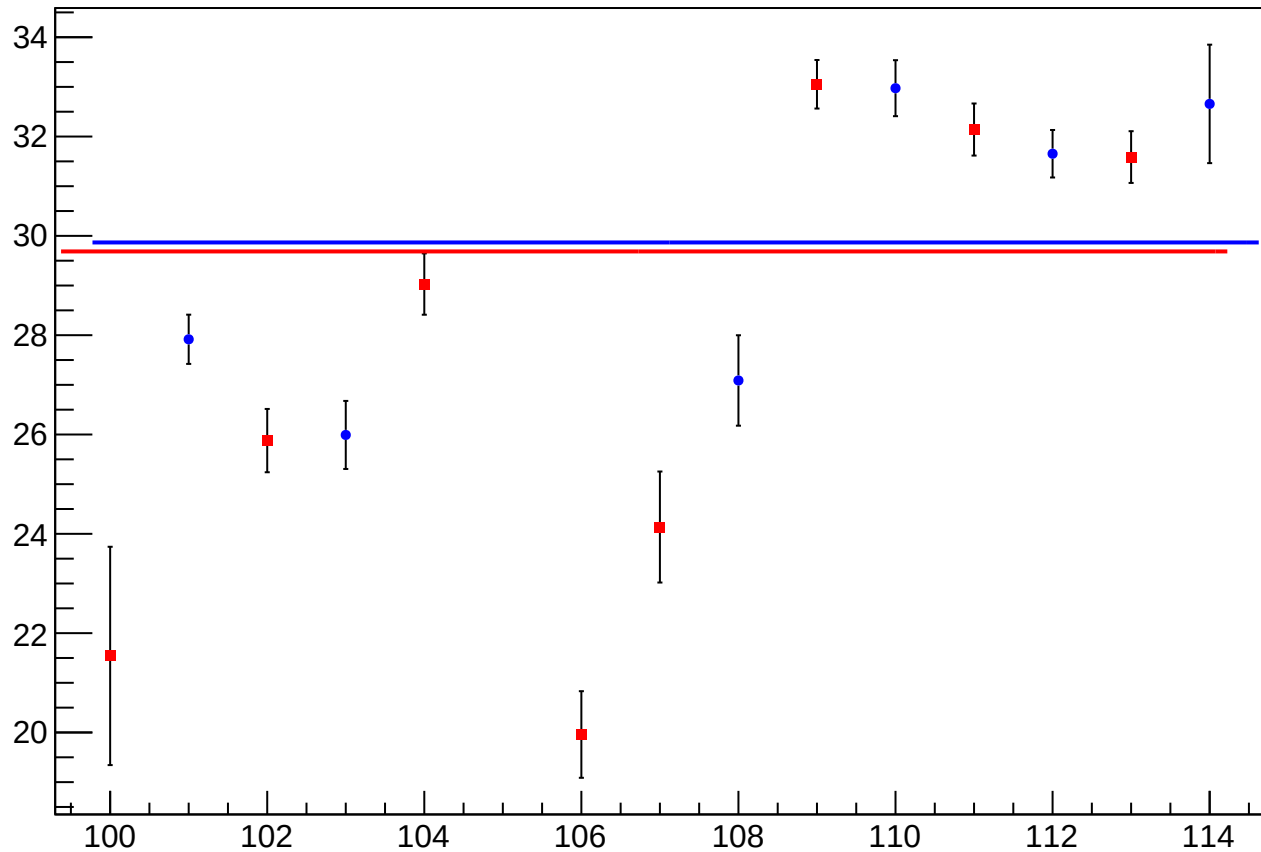
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.197 $\pm$ 0.184 χ^2 /NDF: 209.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 29.867 $\pm$ 0.253 χ^2 /NDF: 106.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.686 $\pm$ 0.230 χ^2 /NDF: 282.3/7

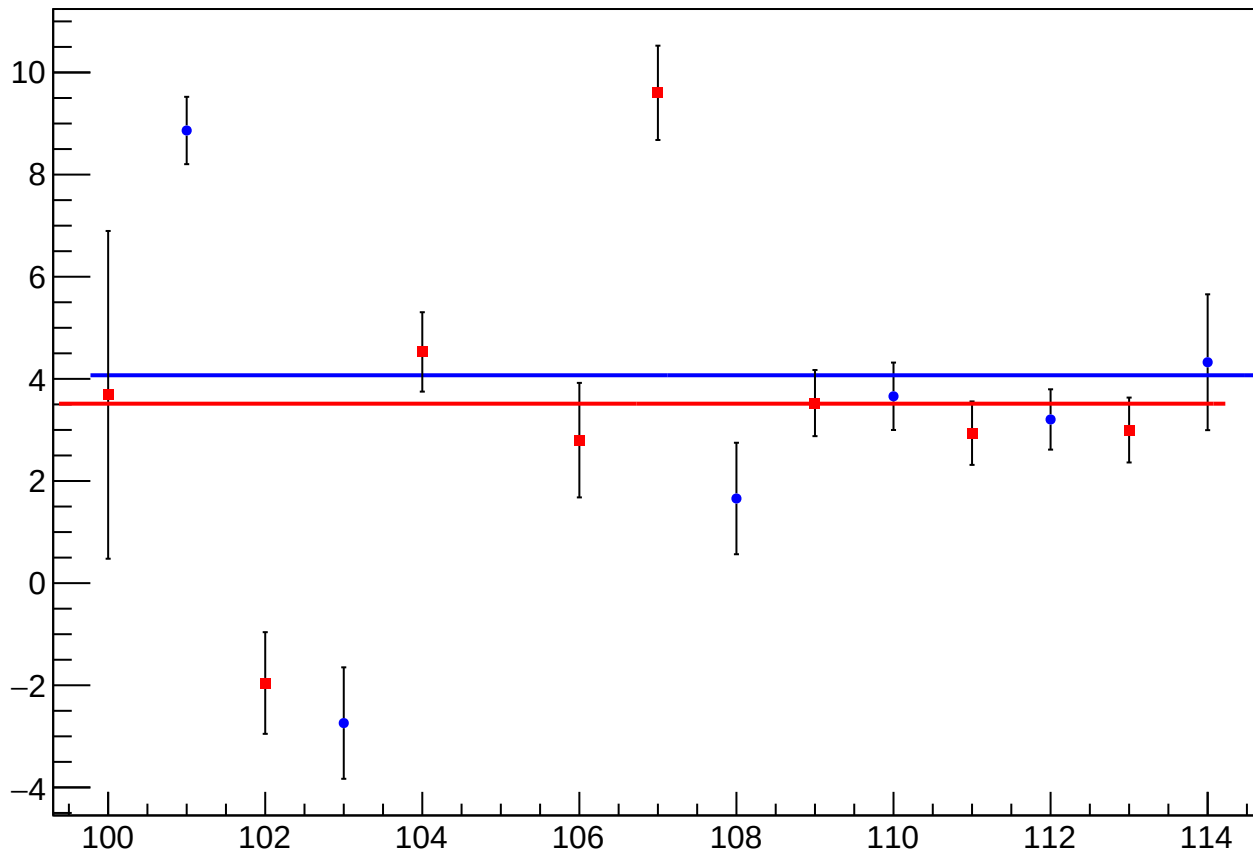
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.768 $\pm$ 0.170 χ^2 /NDF: 389.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: 4.071 $\pm$ 0.321 χ^2 /NDF: 99.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.514 $\pm$ 0.286 χ^2 /NDF: 77.3/7

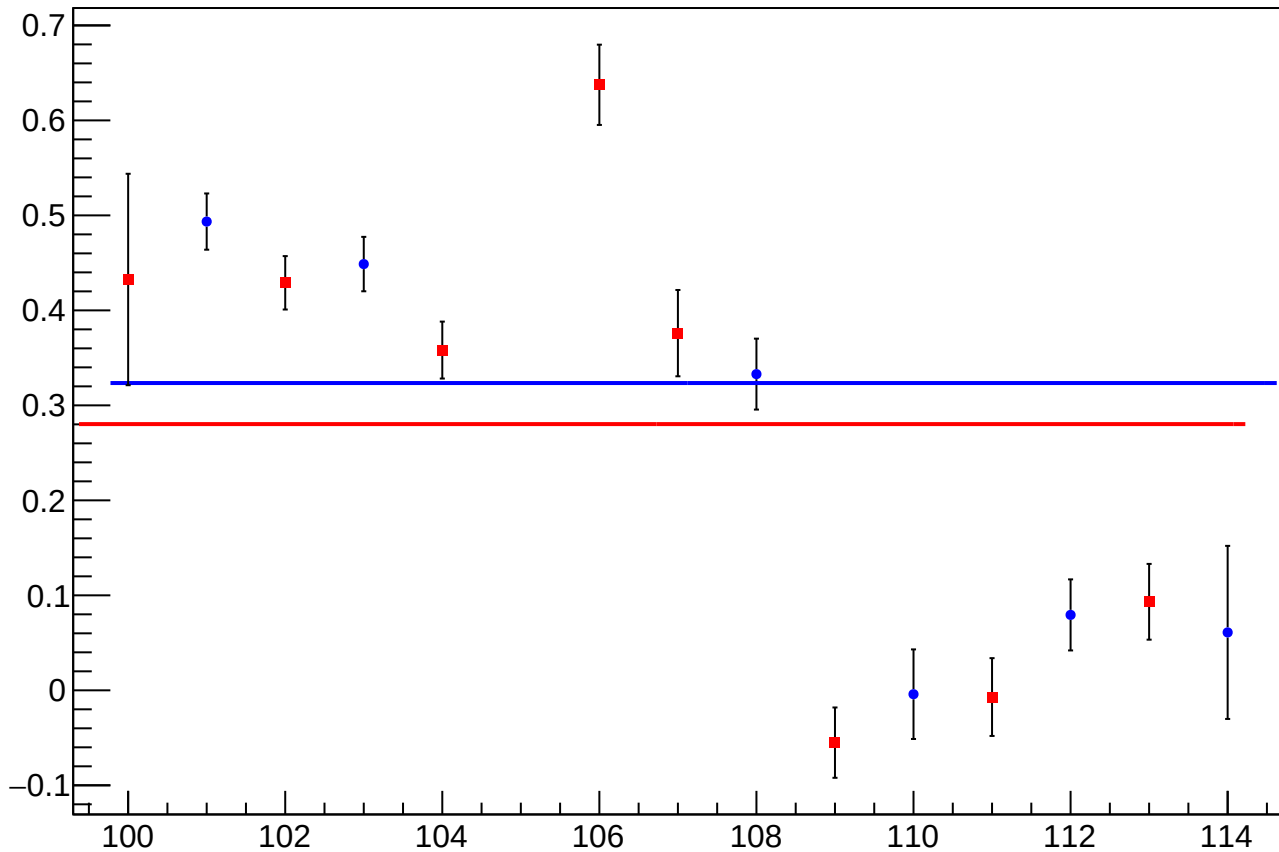
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.761 $\pm$ 0.214 χ^2 /NDF: 178.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.324 $\pm$ 0.015 χ^2 /NDF: 151.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.280 $\pm$ 0.014 χ^2 /NDF: 265.8/7

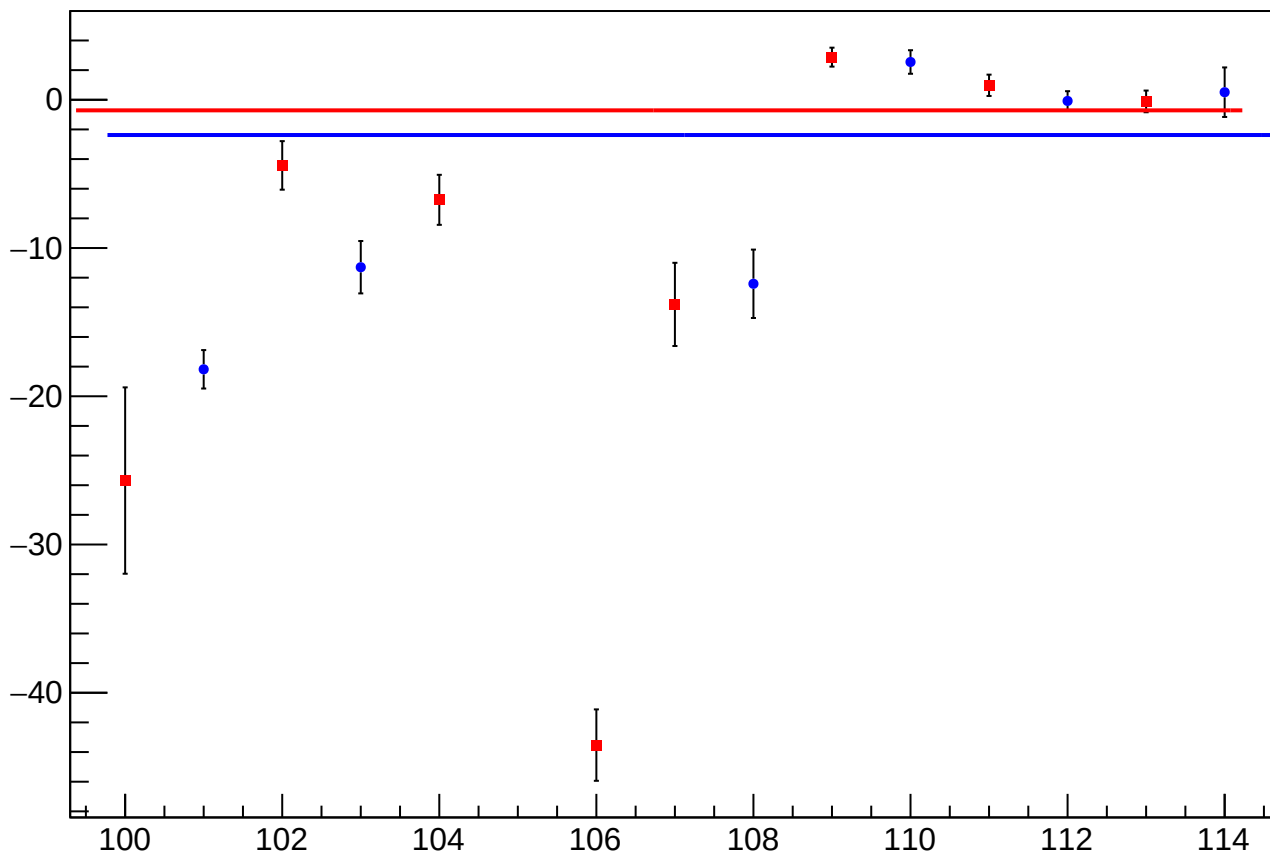
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.299 $\pm$ 0.010 χ^2 /NDF: 421.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -2.377+/-0.432 χ^2/NDF : 246.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.713+/-0.370 χ^2/NDF : 409.3/7

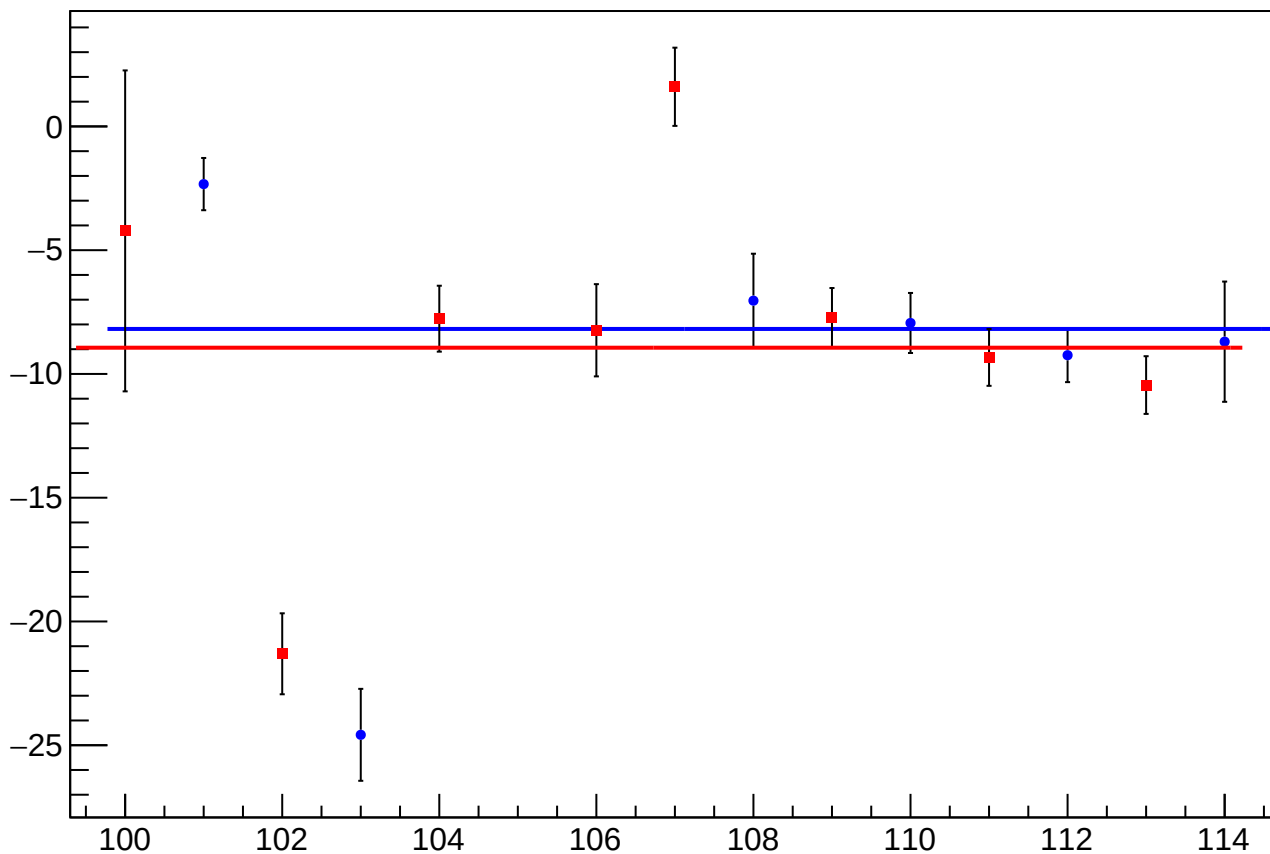
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.417+/-0.281 χ^2/NDF : 664.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -8.182 $\pm$ 0.563 χ^2 /NDF: 110.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.940 $\pm$ 0.511 χ^2 /NDF: 105.9/7

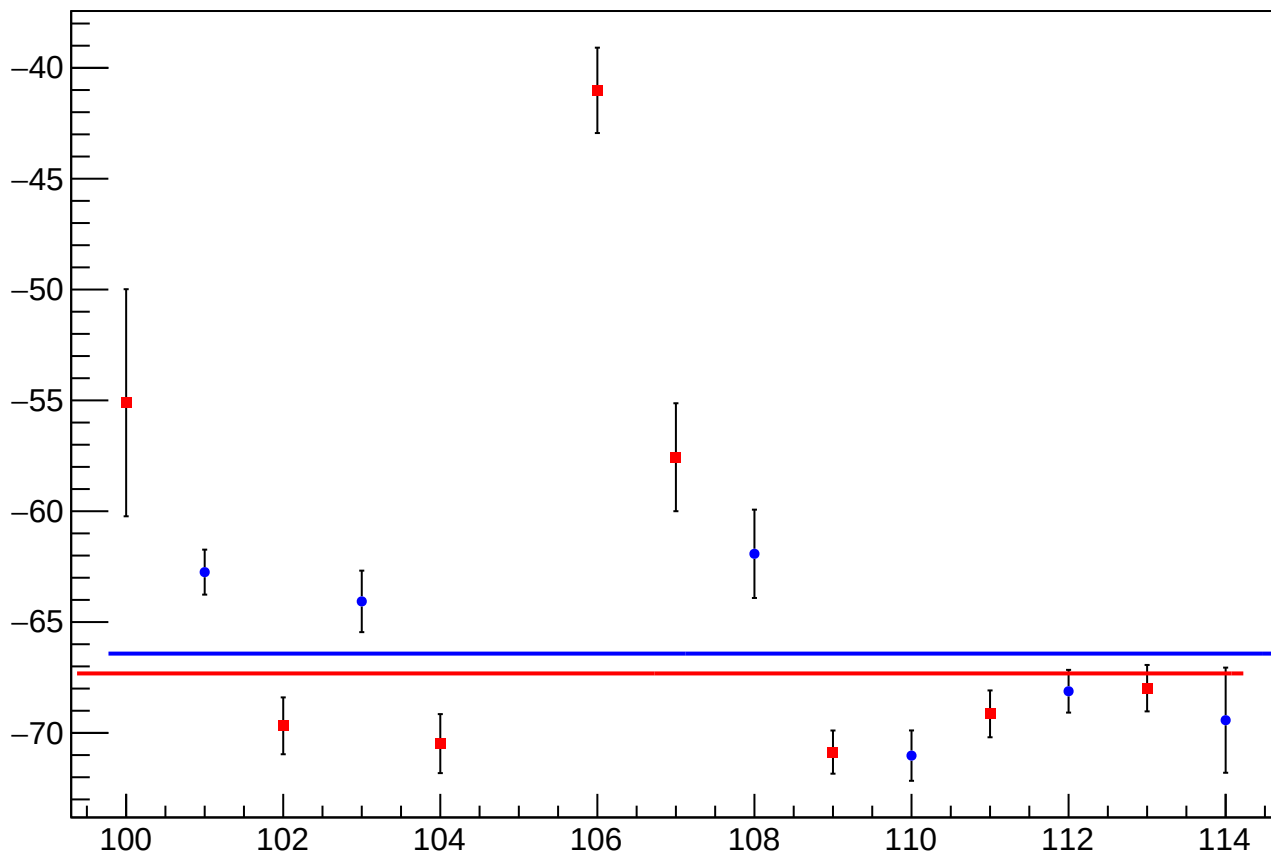
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.598 $\pm$ 0.378 χ^2 /NDF: 217.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -66.422 $\pm$ 0.515 χ^2 /NDF: 42.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.317 $\pm$ 0.471 χ^2 /NDF: 234.0/7

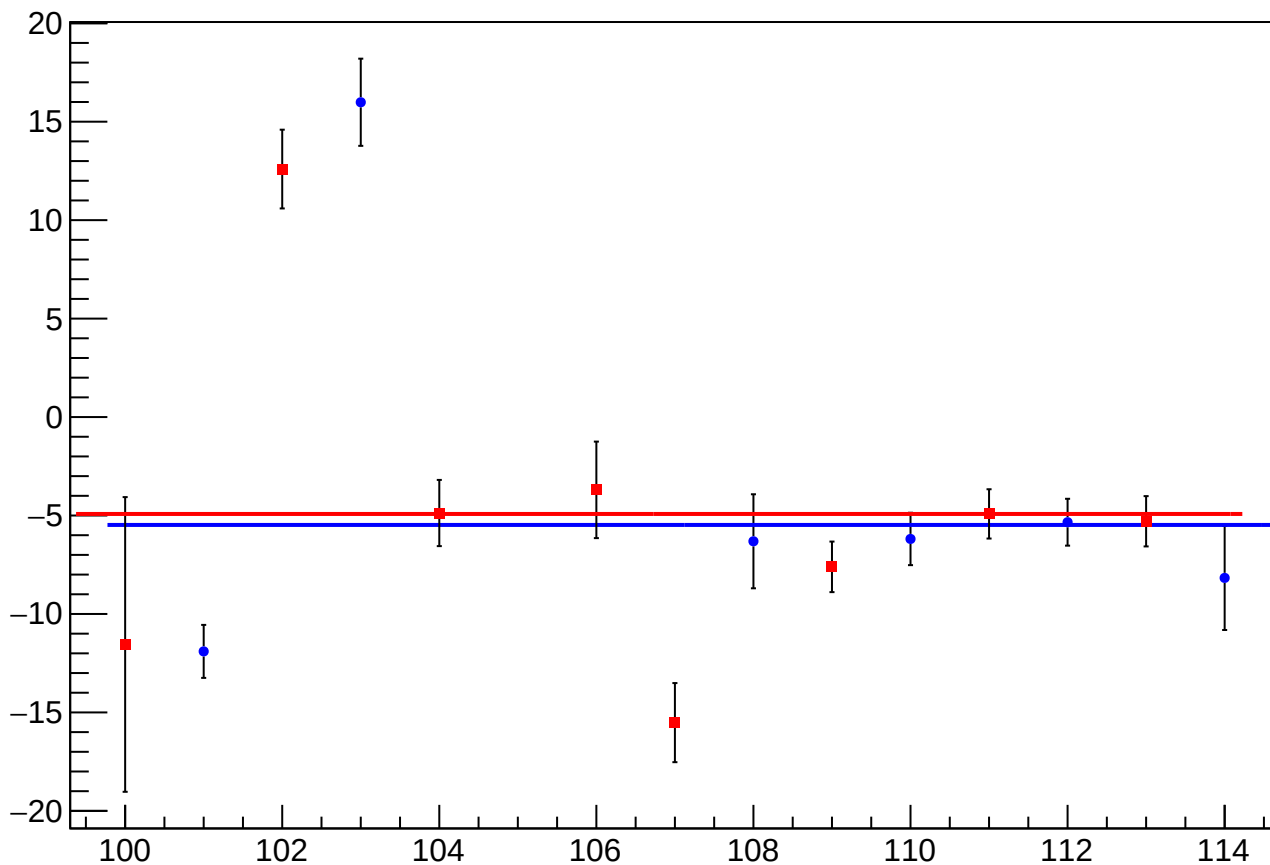
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -66.910 $\pm$ 0.347 χ^2 /NDF: 277.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: -5.479+/-0.653 χ^2/NDF : 118.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.921+/-0.588 χ^2/NDF : 110.0/7

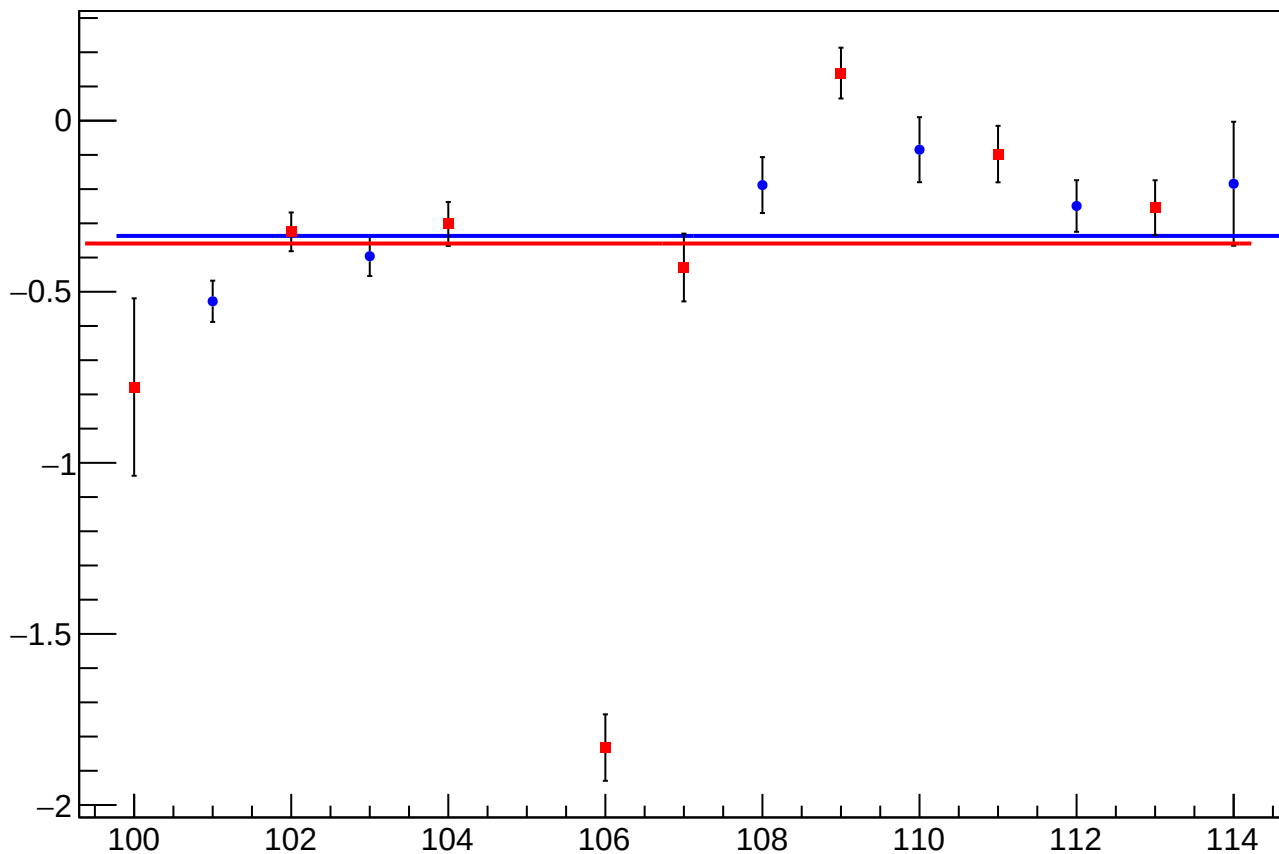
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.171+/-0.437 χ^2/NDF : 228.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.337 ± 0.031 χ^2/NDF : 23.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.359 ± 0.028 χ^2/NDF : 291.1/7

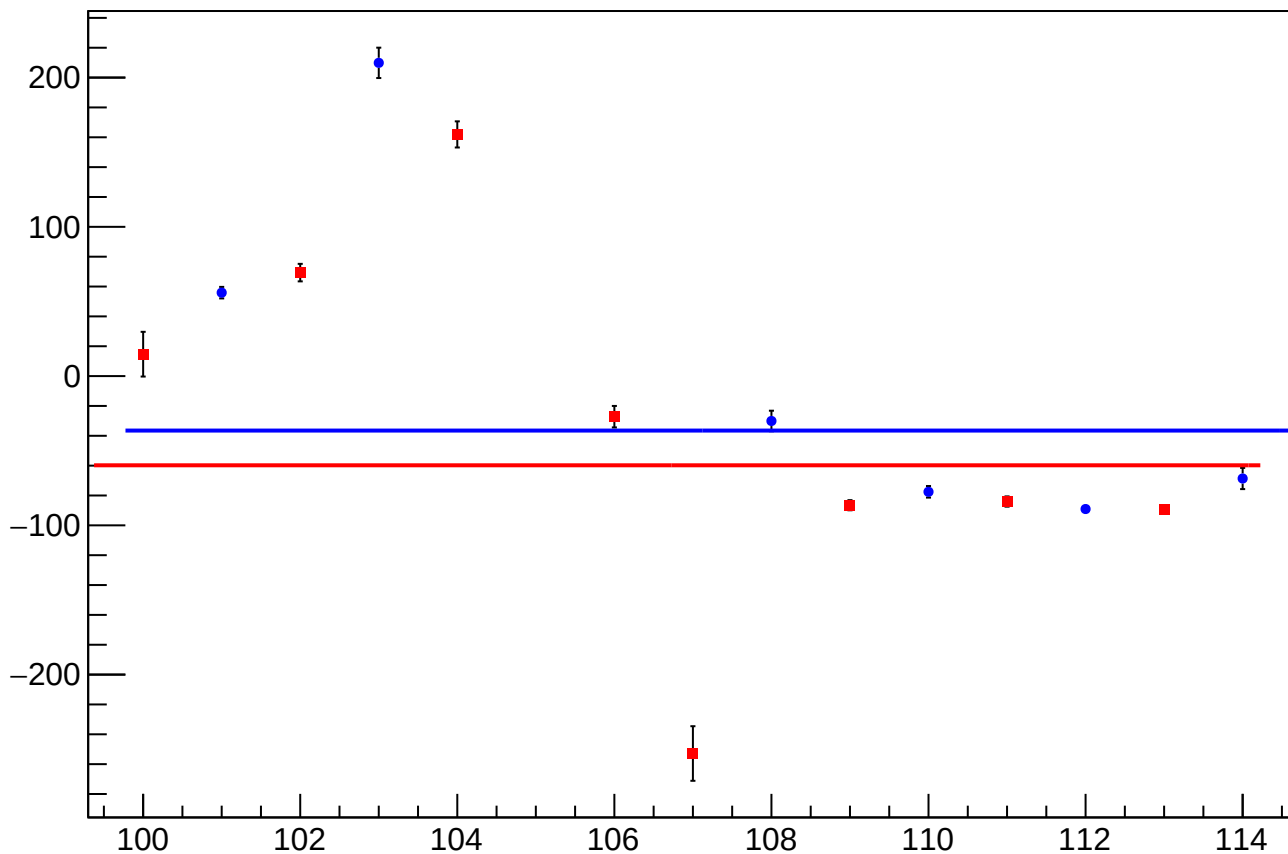
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.349 ± 0.021 χ^2/NDF : 314.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -36.498 ± 1.871 χ^2/NDF : 1572.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -59.767 ± 1.742 χ^2/NDF : 1472.0/7

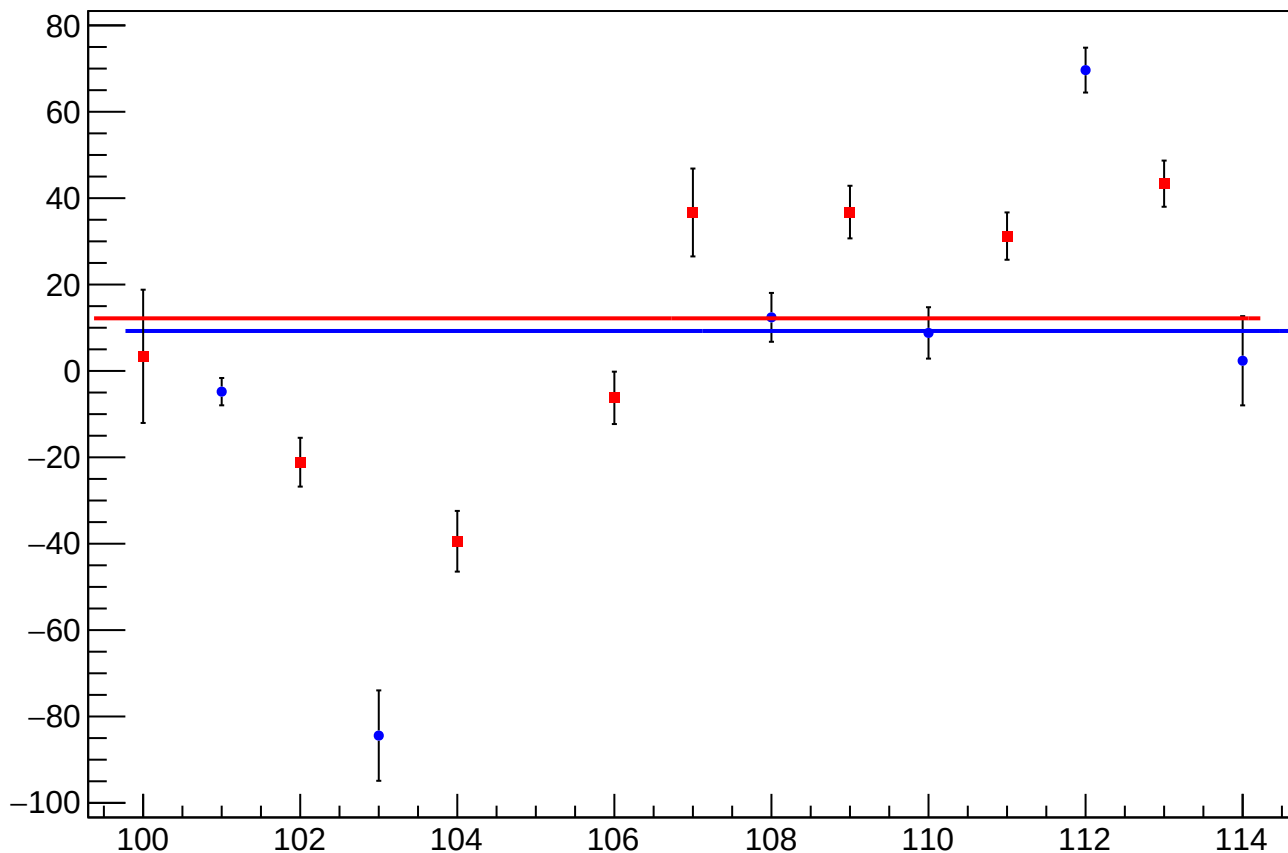
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.964 ± 1.275 χ^2/NDF : 3127.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 9.251+/-2.157 χ^2/NDF : 235.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.179+/-2.307 χ^2/NDF : 166.4/7

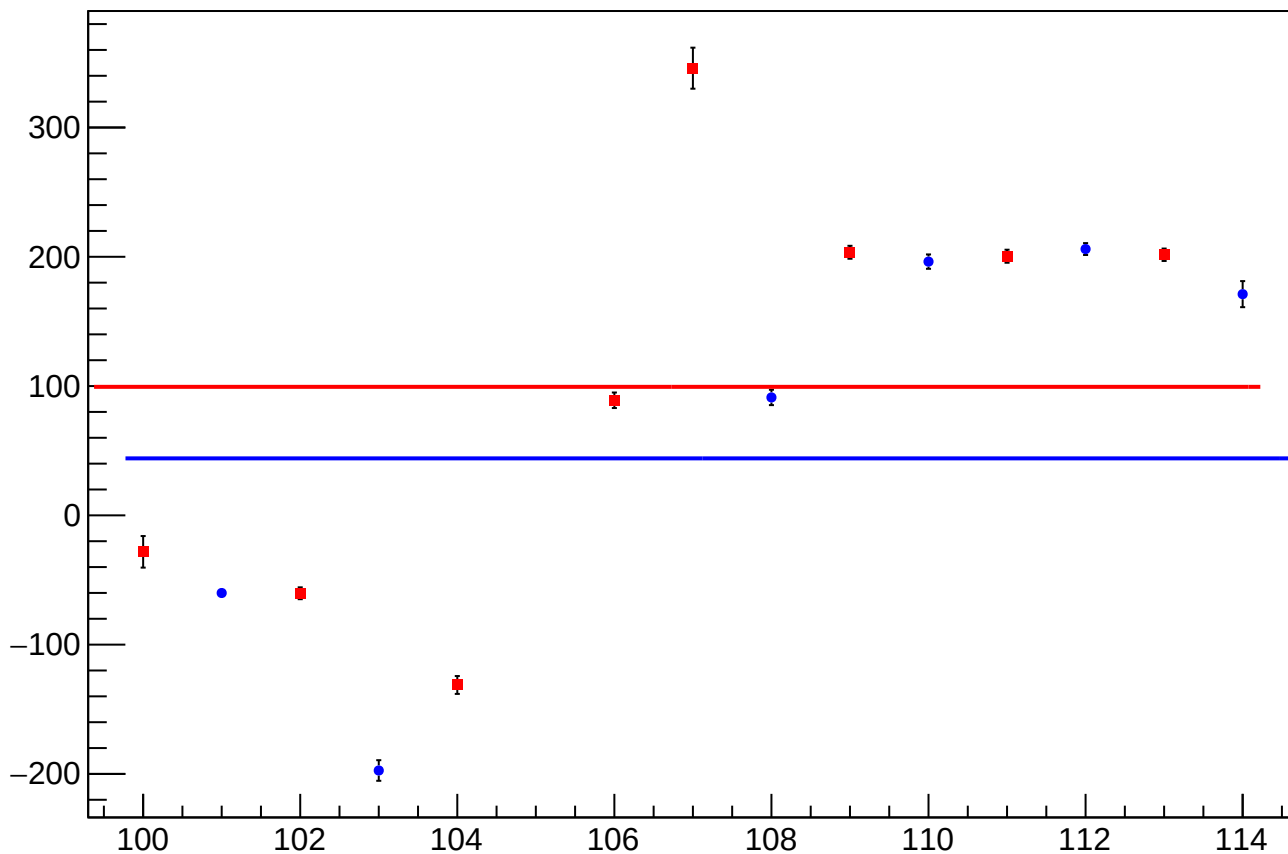
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.616+/-1.575 χ^2/NDF : 403.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 44.073+/-2.028 χ^2 /NDF: 4317.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 99.403+/-2.087 χ^2 /NDF: 3965.9/7

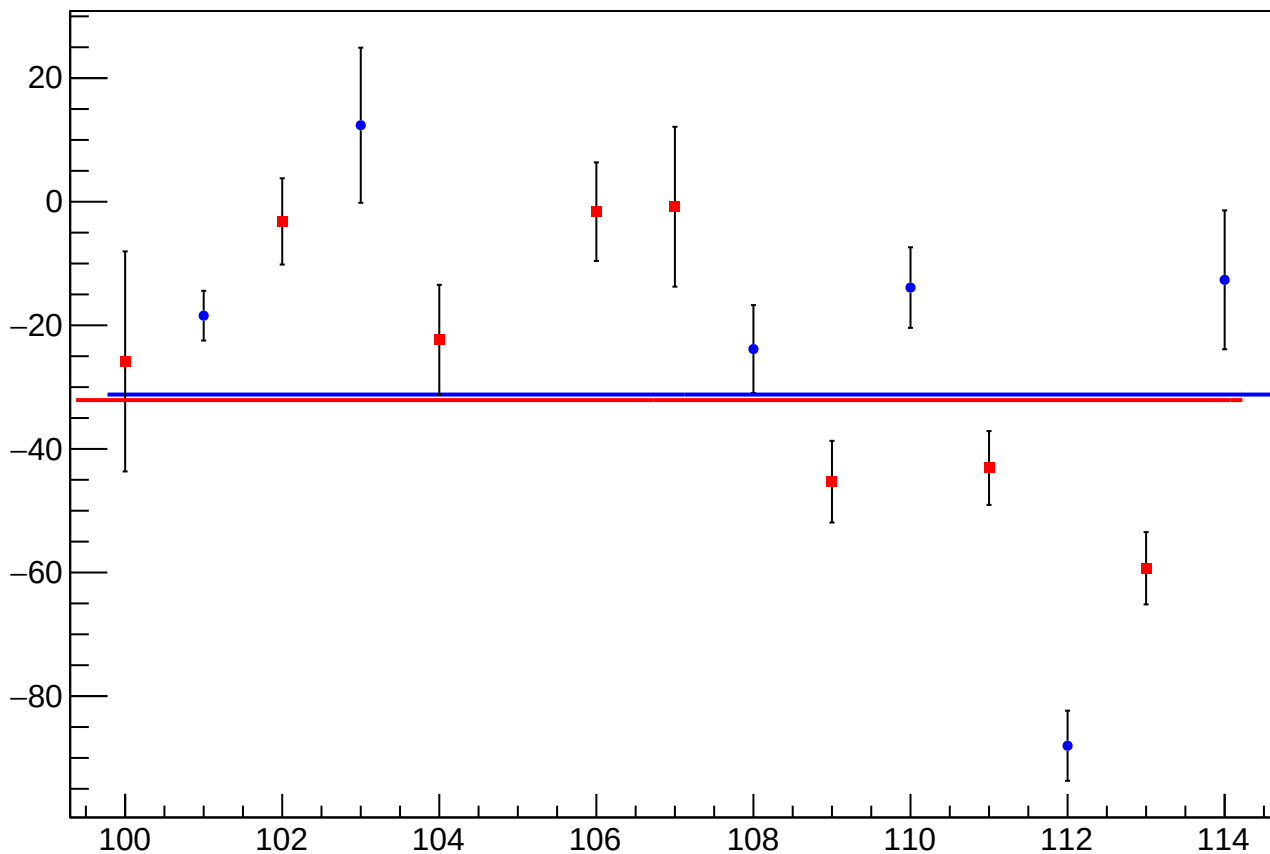
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 70.955+/-1.454 χ^2 /NDF: 8645.1/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -31.203 ± 2.579 χ^2/NDF : 133.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.100 ± 2.689 χ^2/NDF : 68.0/7

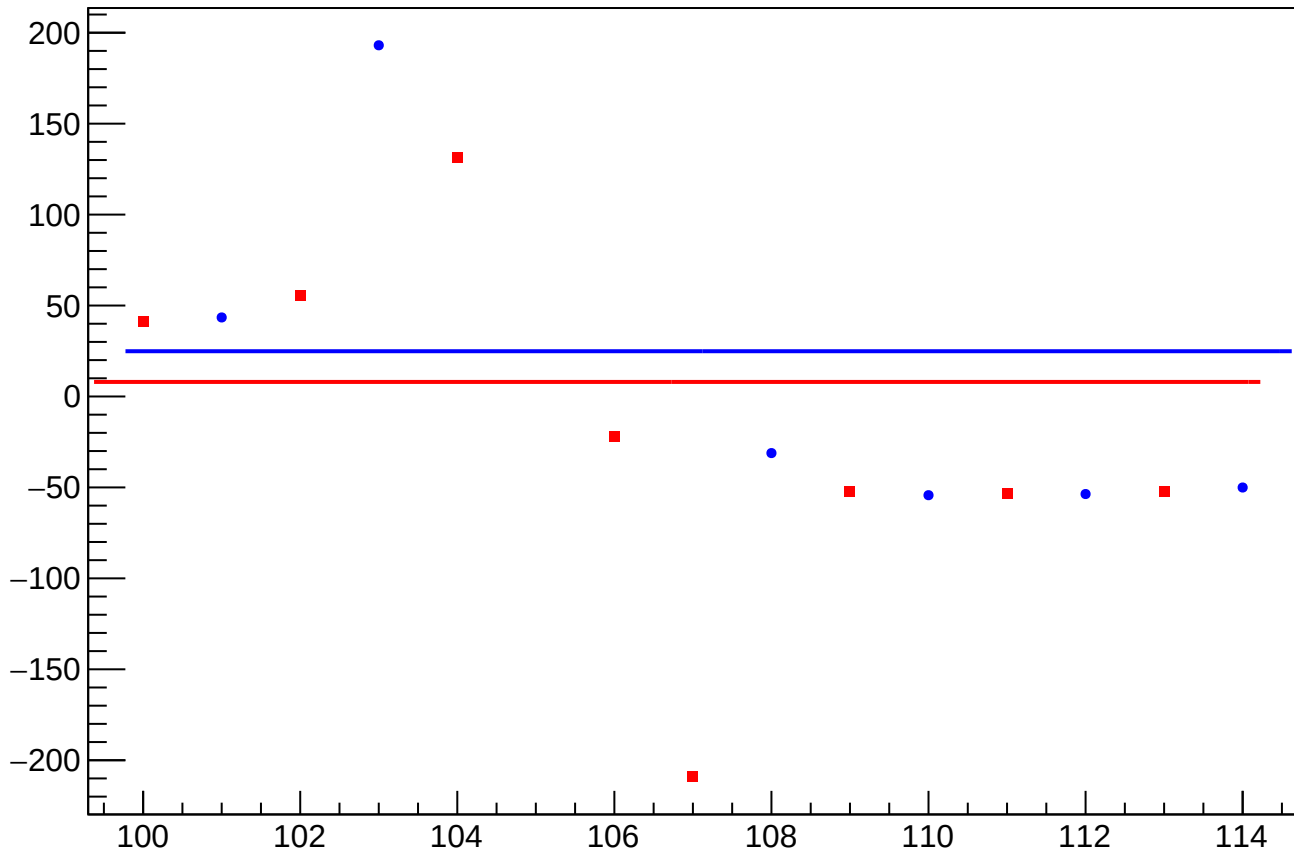
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.632 ± 1.862 χ^2/NDF : 201.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: 24.881+/-0.119 χ^2/NDF : 401419.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.999+/-0.117 χ^2/NDF : 397747.9/7

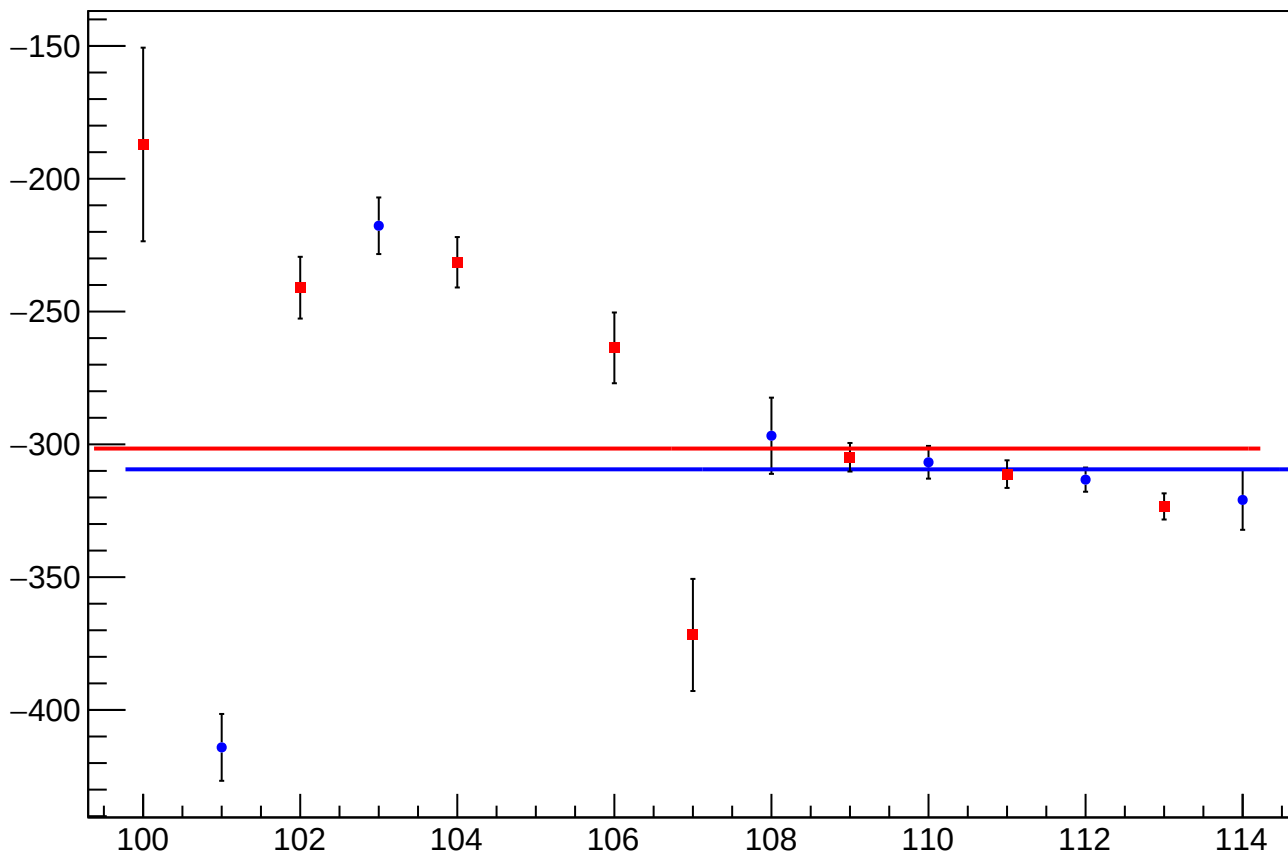
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.316+/-0.083 χ^2/NDF : 809432.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -309.407 ± 3.123 χ^2/NDF : 146.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -301.584 ± 2.672 χ^2/NDF : 134.1/7

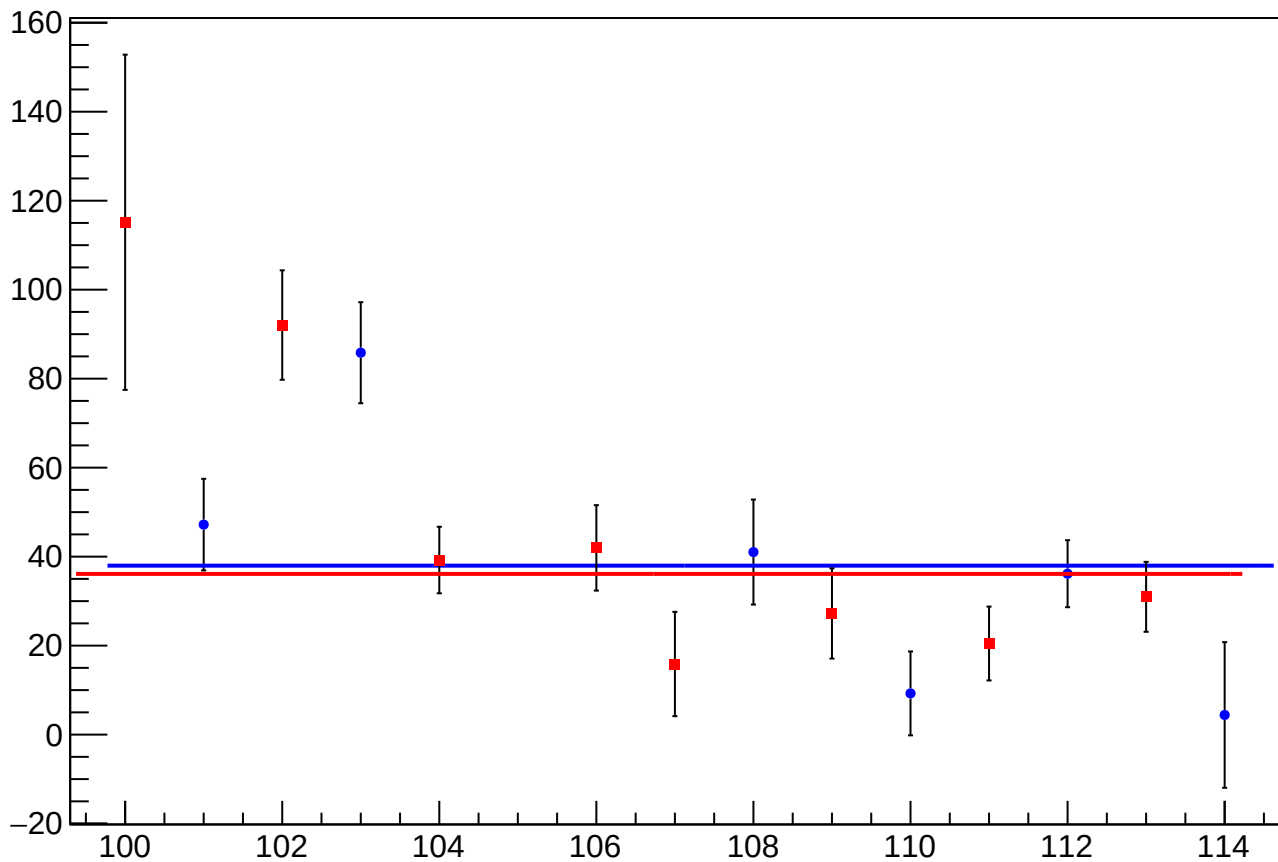
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -304.891 ± 2.031 χ^2/NDF : 283.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 37.973+/-4.189 χ^2/NDF : 32.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.121+/-3.456 χ^2/NDF : 33.4/7

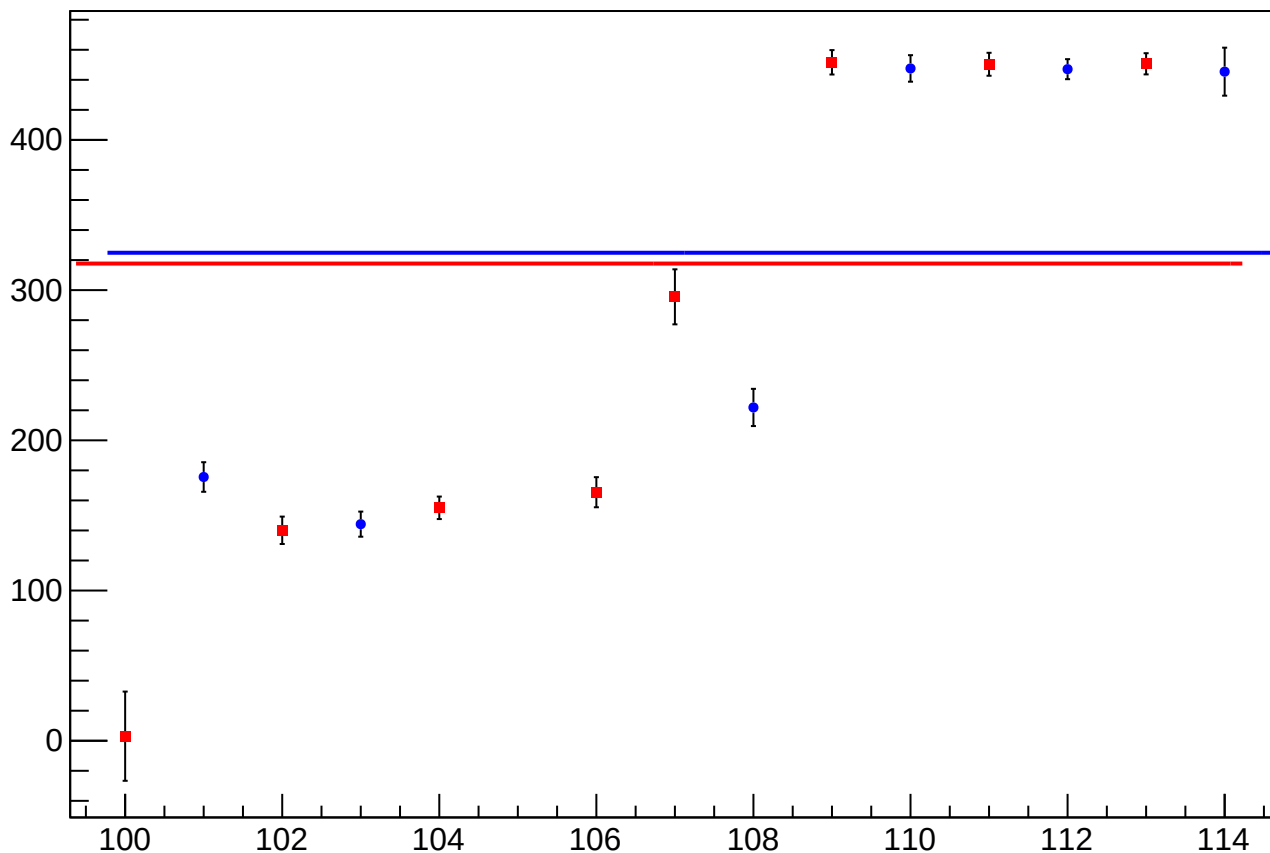
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.871+/-2.666 χ^2/NDF : 65.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 324.881+/-3.769 χ^2/NDF : 1352.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.684+/-3.222 χ^2/NDF : 2124.5/7

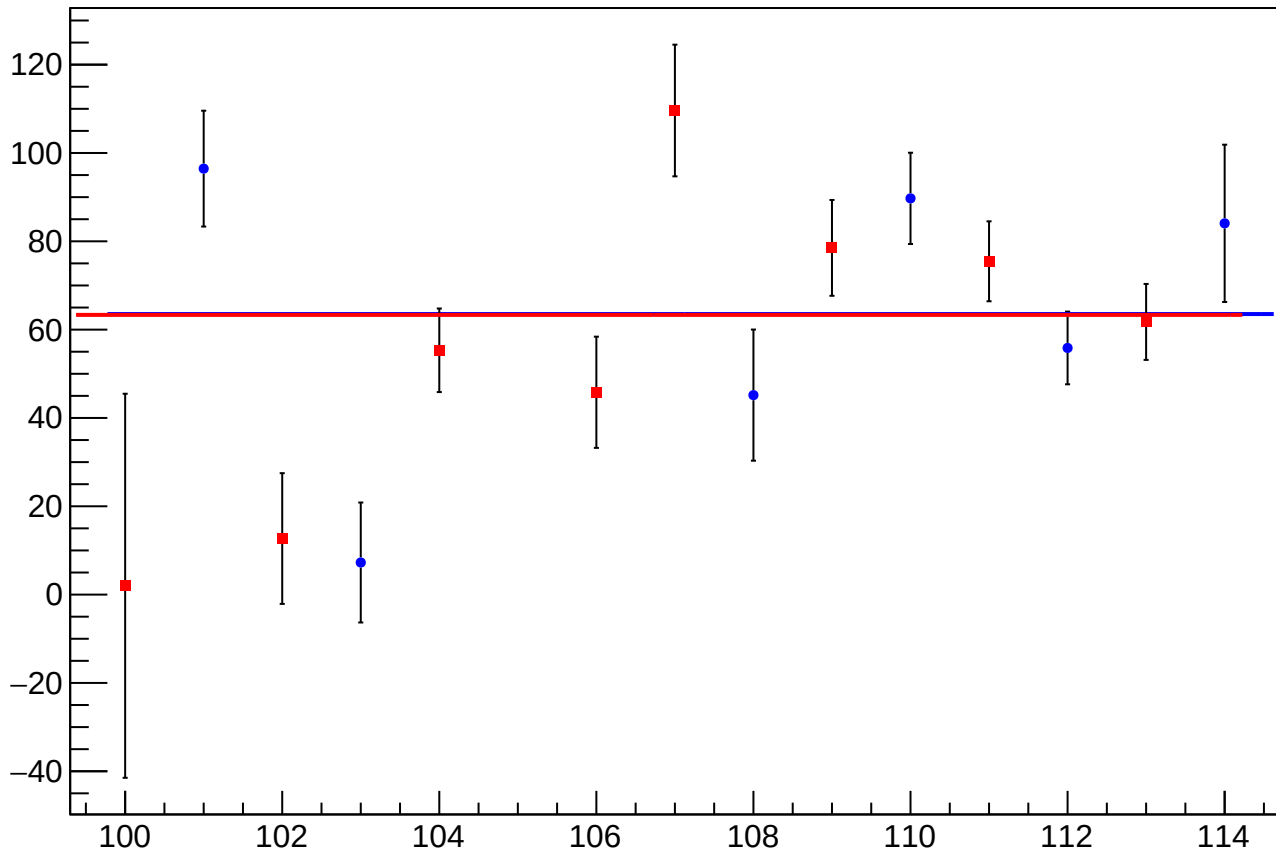
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.722+/-2.449 χ^2/NDF : 3478.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 63.528 $\pm$ 4.820 χ^2 /NDF: 33.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.340 $\pm$ 4.039 χ^2 /NDF: 29.8/7

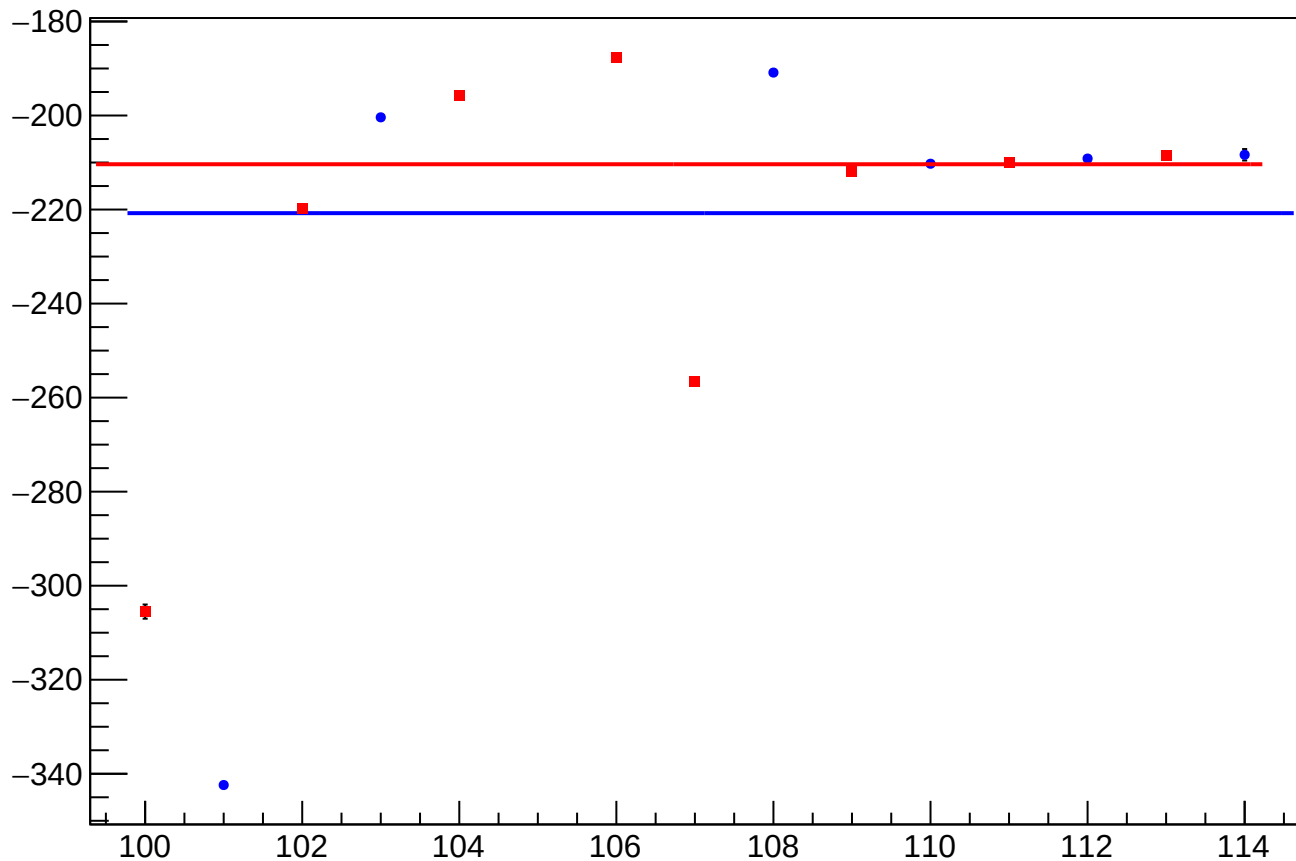
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.418 $\pm$ 3.096 χ^2 /NDF: 63.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -220.767 $\pm$ 0.218 χ^2 /NDF: 50364.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -210.364 $\pm$ 0.187 χ^2 /NDF: 11714.9/7

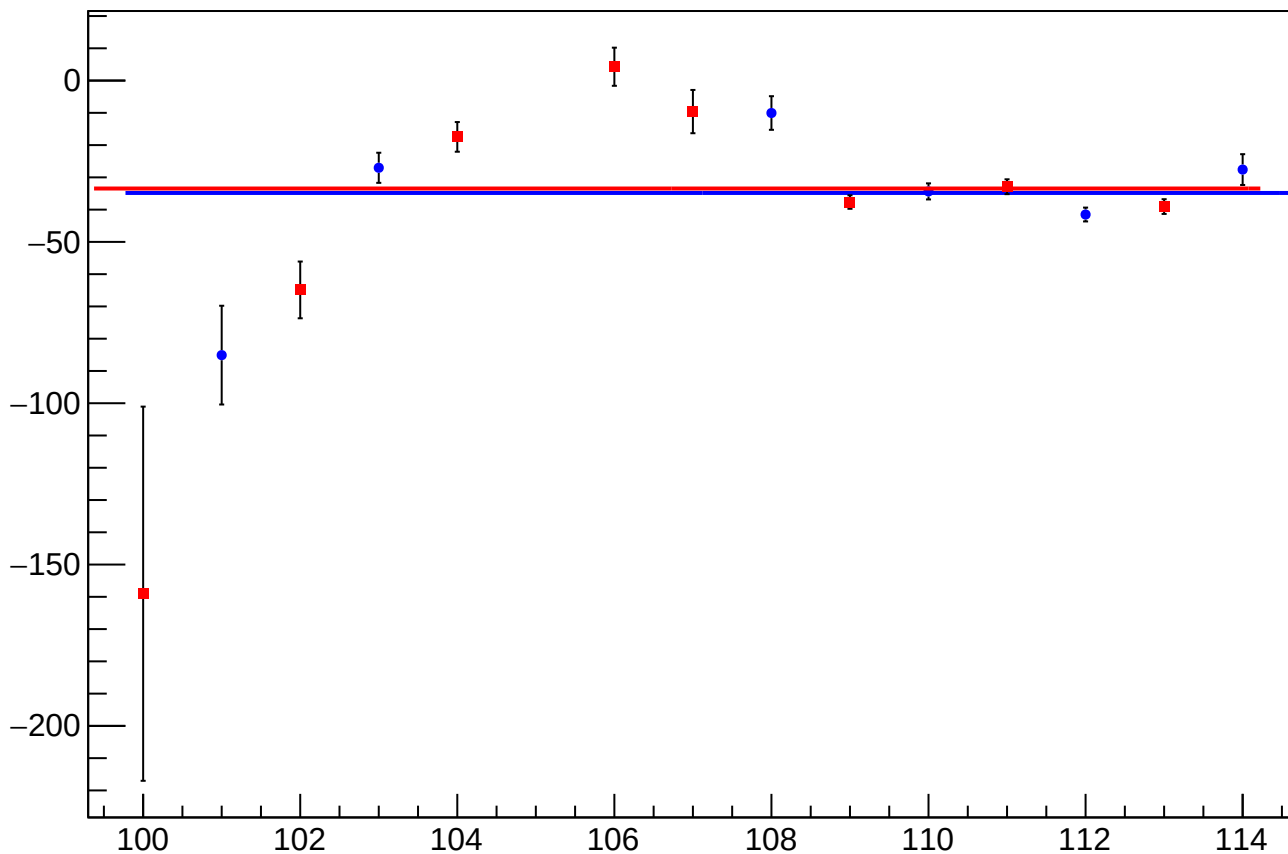
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.776 $\pm$ 0.142 χ^2 /NDF: 63392.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -34.830 ± 1.401 χ^2/NDF : 48.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.455 ± 1.178 χ^2/NDF : 93.1/7

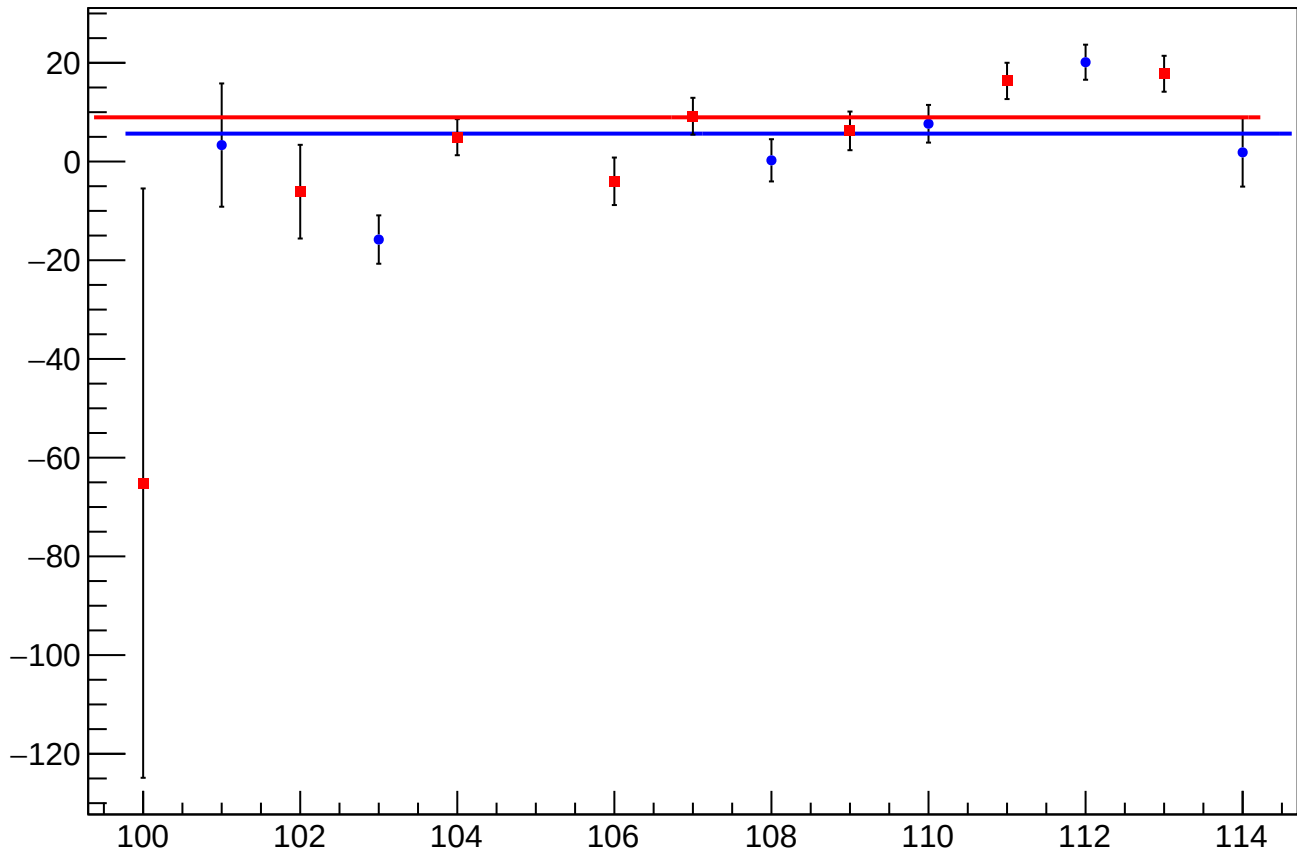
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.024 ± 0.902 χ^2/NDF : 141.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 5.655 $\pm$ 1.920 χ^2 /NDF: 38.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.958 $\pm$ 1.550 χ^2 /NDF: 22.9/7

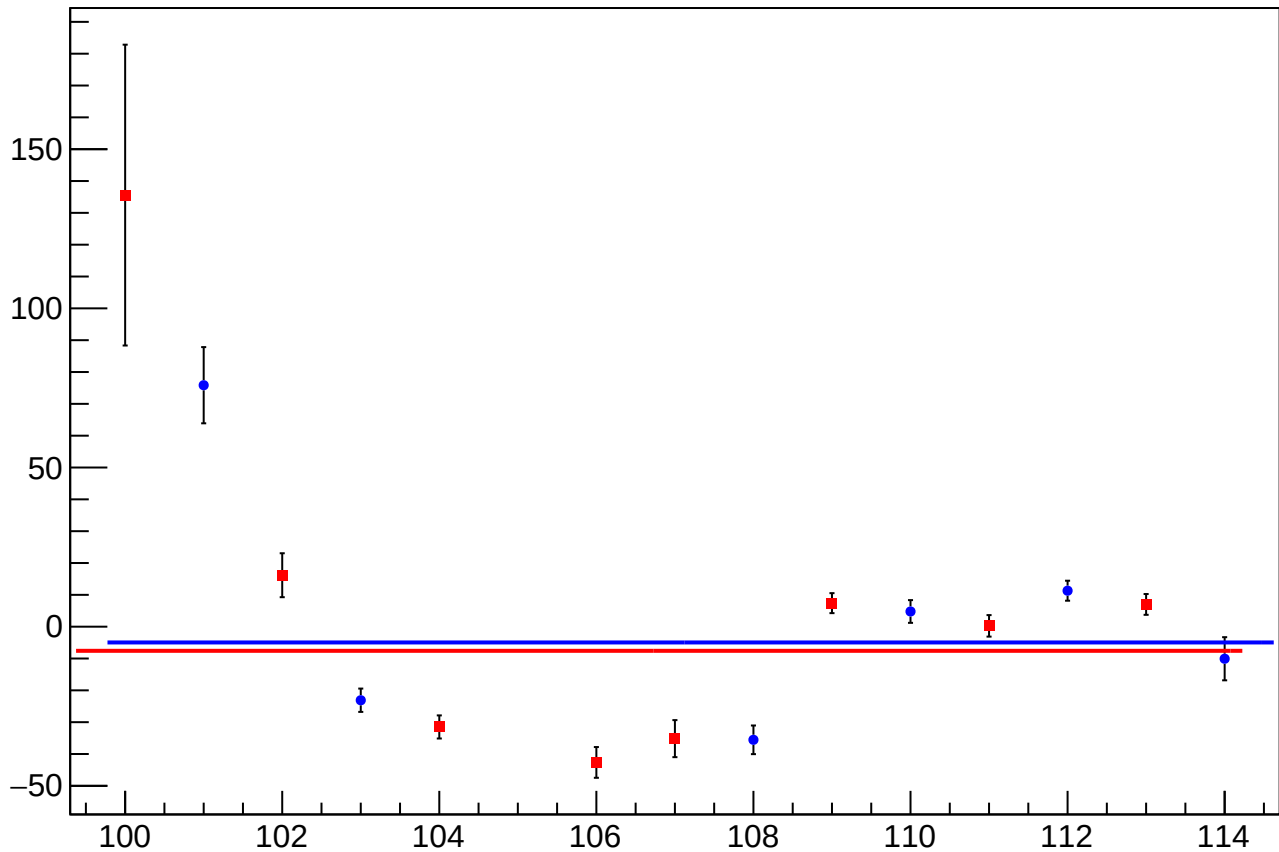
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.654 $\pm$ 1.206 χ^2 /NDF: 62.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: -4.955±1.734 χ^2/NDF : 151.1/5

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -7.583±1.487 χ^2/NDF : 187.6/7

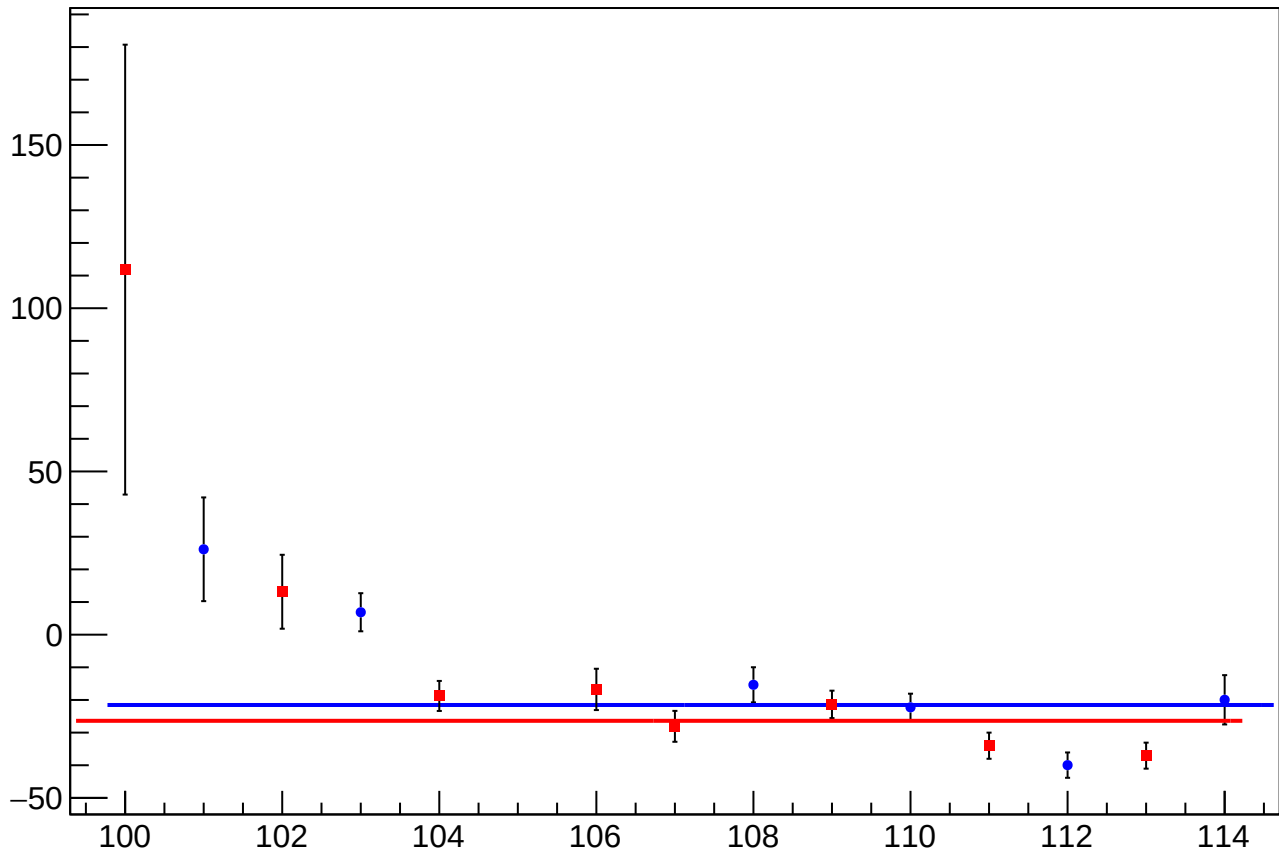
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -6.470±1.129 χ^2/NDF : 340.1/13

- sign 0.000±0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -21.539 ± 2.188 χ^2/NDF : 56.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.387 ± 1.805 χ^2/NDF : 33.6/7

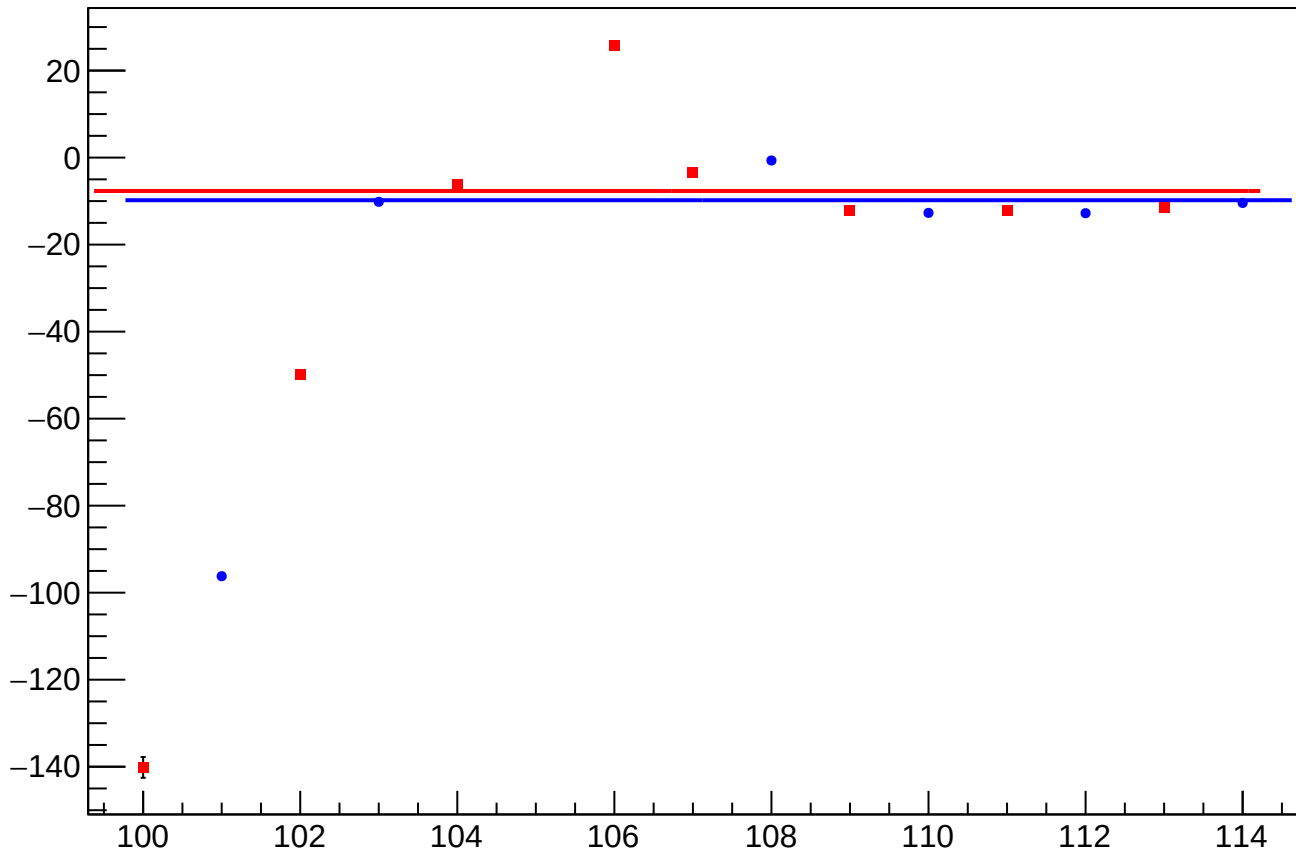
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.423 ± 1.392 χ^2/NDF : 93.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -9.799 ± 0.097 χ^2/NDF : 17618.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.674 ± 0.087 χ^2/NDF : 45668.6/7

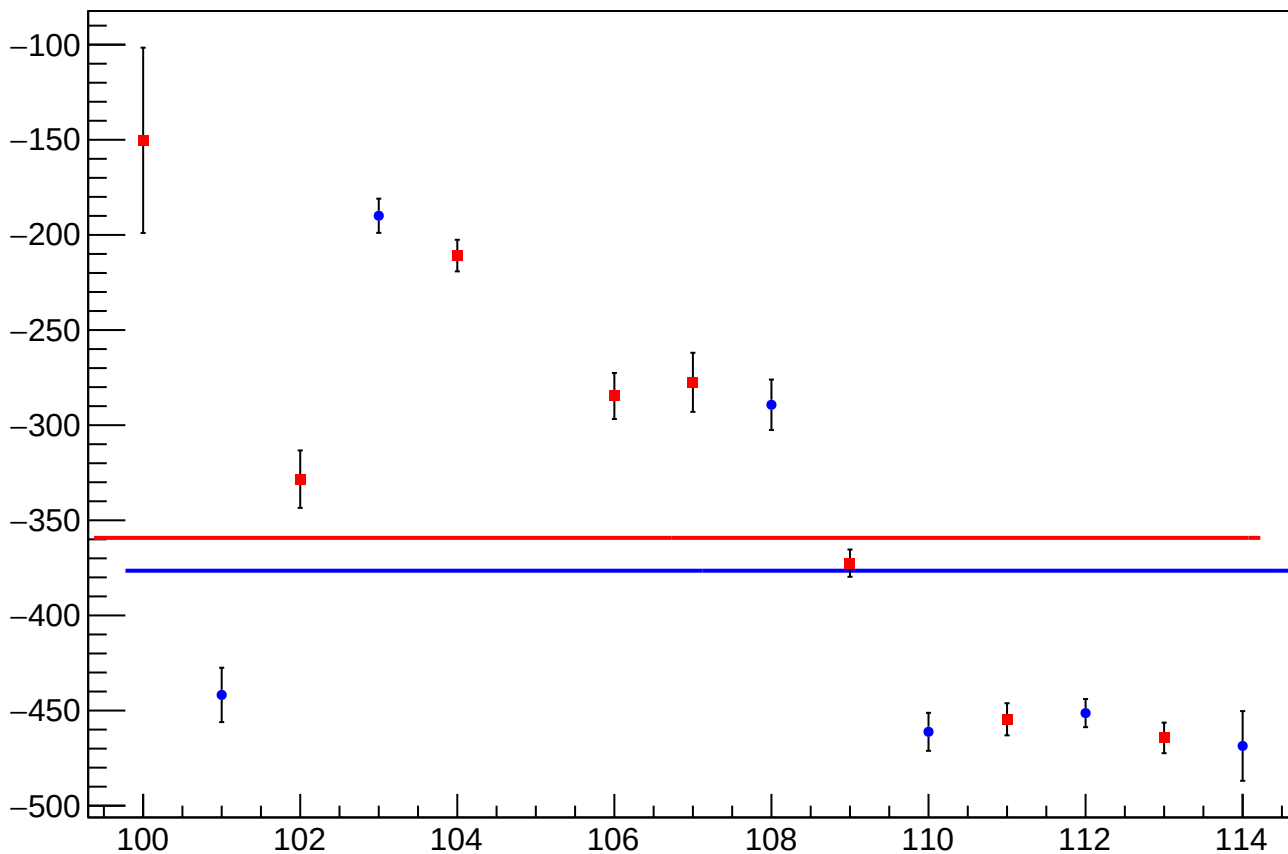
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.622 ± 0.065 χ^2/NDF : 63552.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -376.492 ± 4.293 χ^2/NDF : 695.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -359.230 ± 3.549 χ^2/NDF : 710.7/7

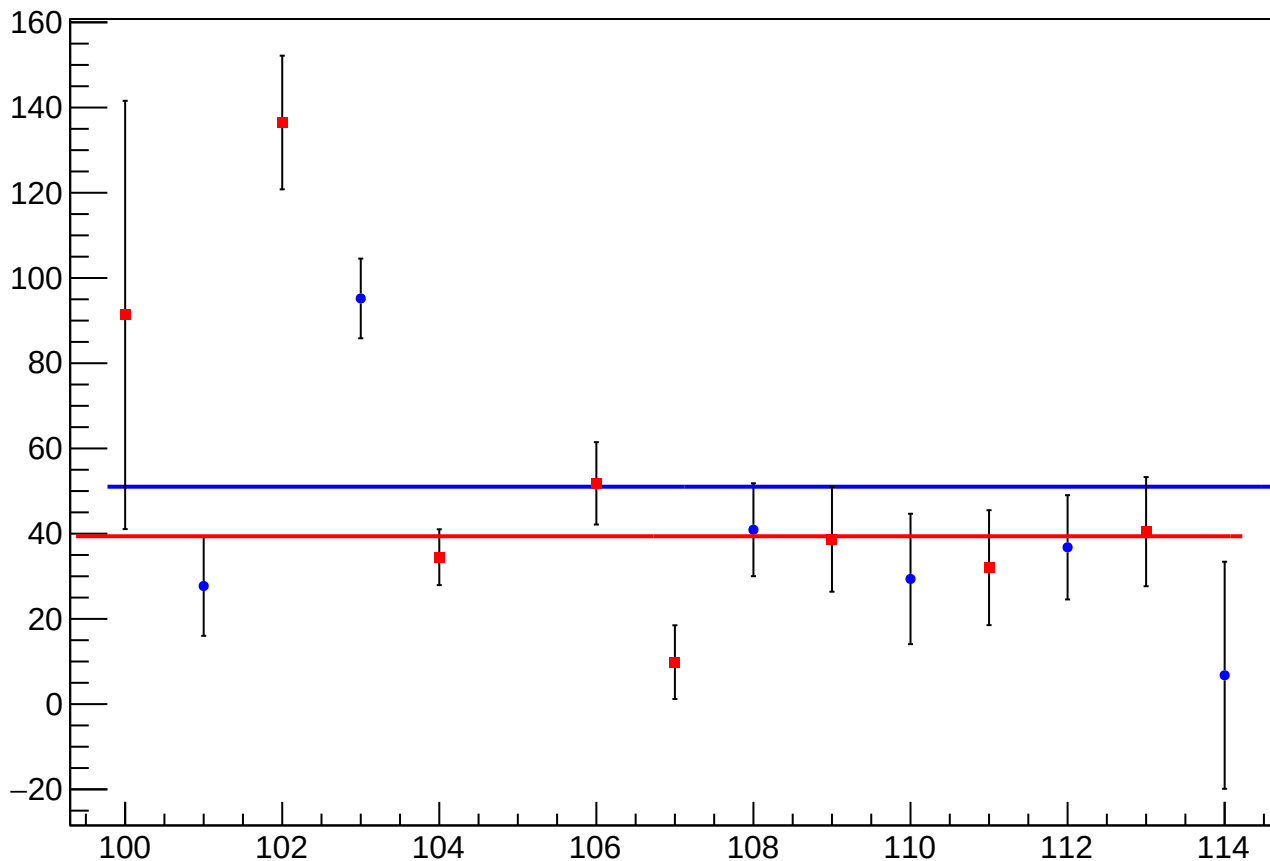
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -366.240 ± 2.735 χ^2/NDF : 1415.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 51.021 $\pm$ 5.030 χ^2 /NDF: 33.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.393 $\pm$ 3.778 χ^2 /NDF: 53.6/7

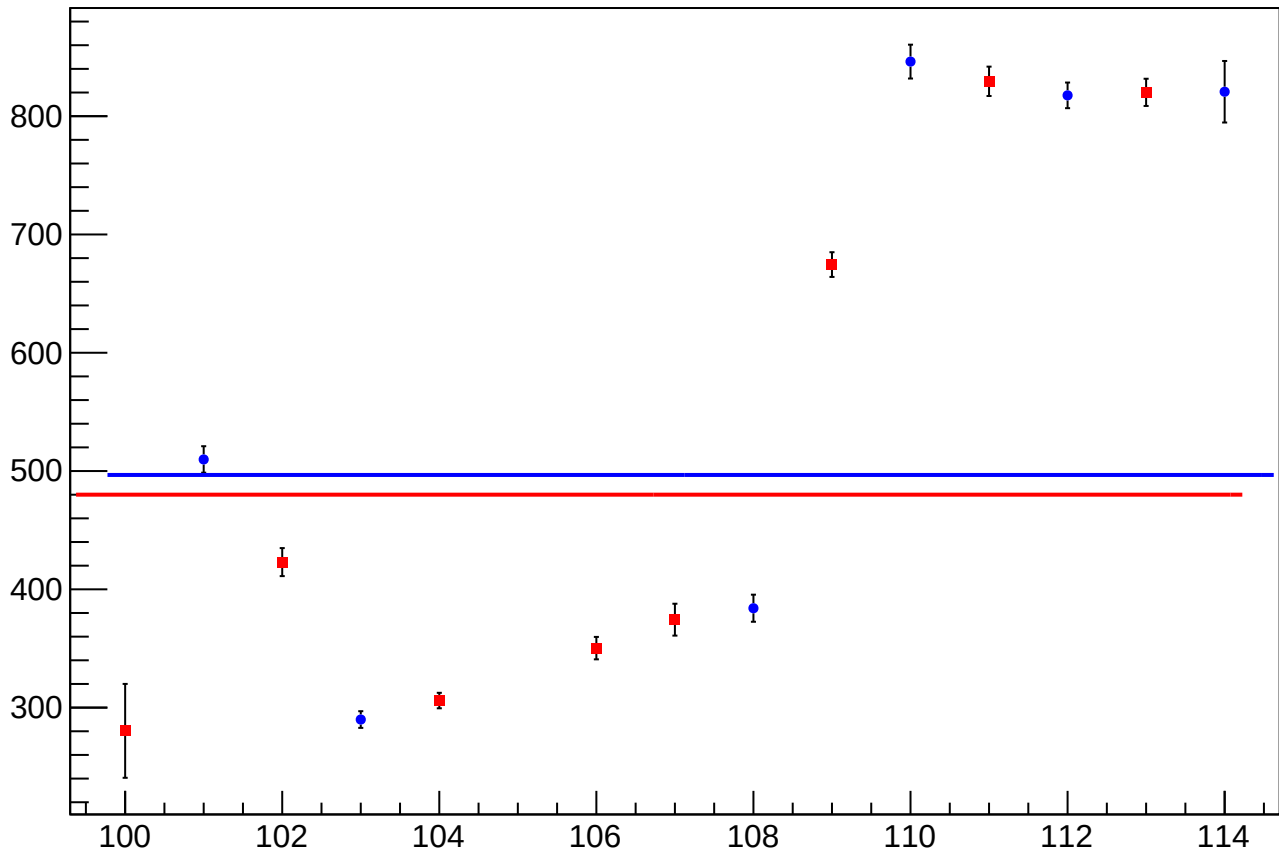
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.586 $\pm$ 3.021 χ^2 /NDF: 90.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 496.694 $\pm$ 4.444 χ^2 /NDF: 2588.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.024 $\pm$ 3.754 χ^2 /NDF: 3019.2/7

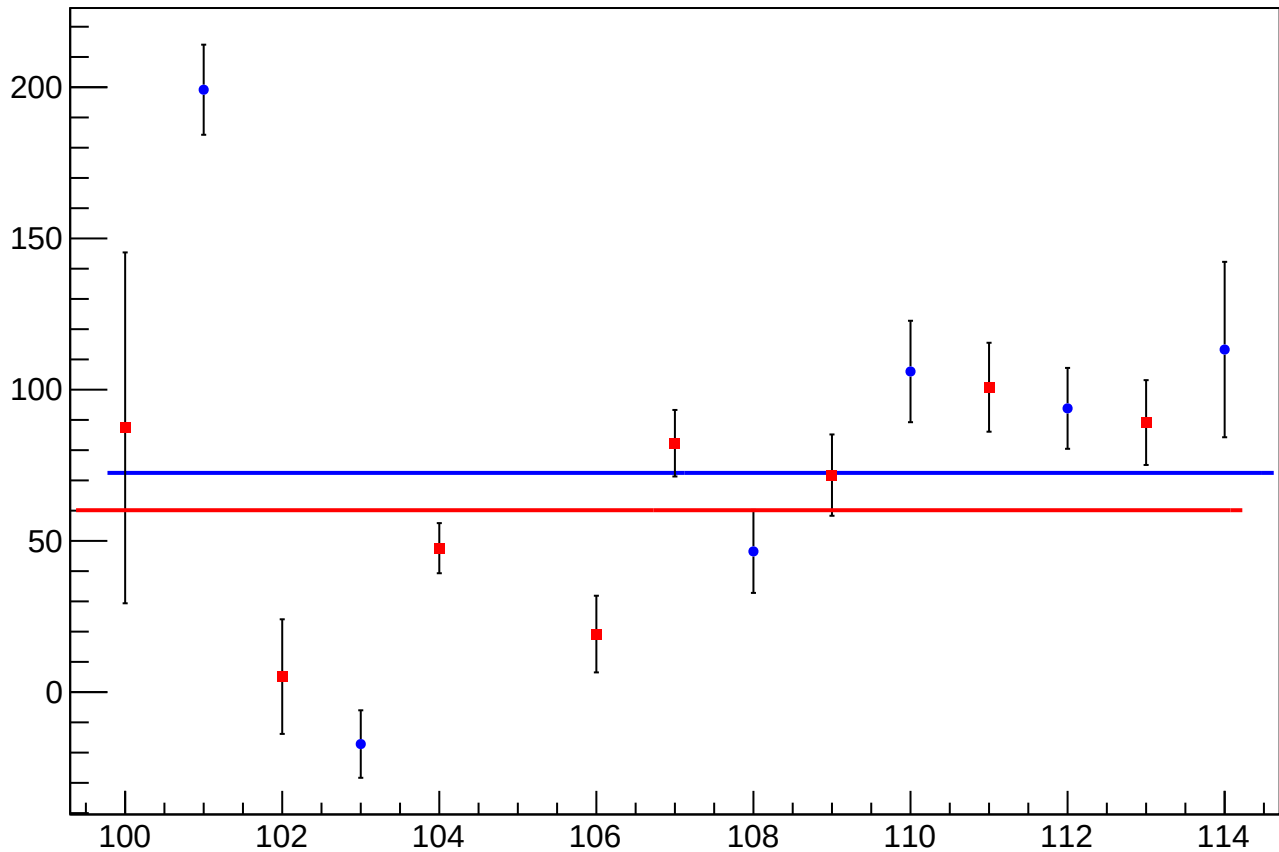
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 486.967 $\pm$ 2.868 χ^2 /NDF: 5615.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 72.485 $\pm$ 5.957 χ^2 /NDF: 149.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.145 $\pm$ 4.594 χ^2 /NDF: 38.1/7

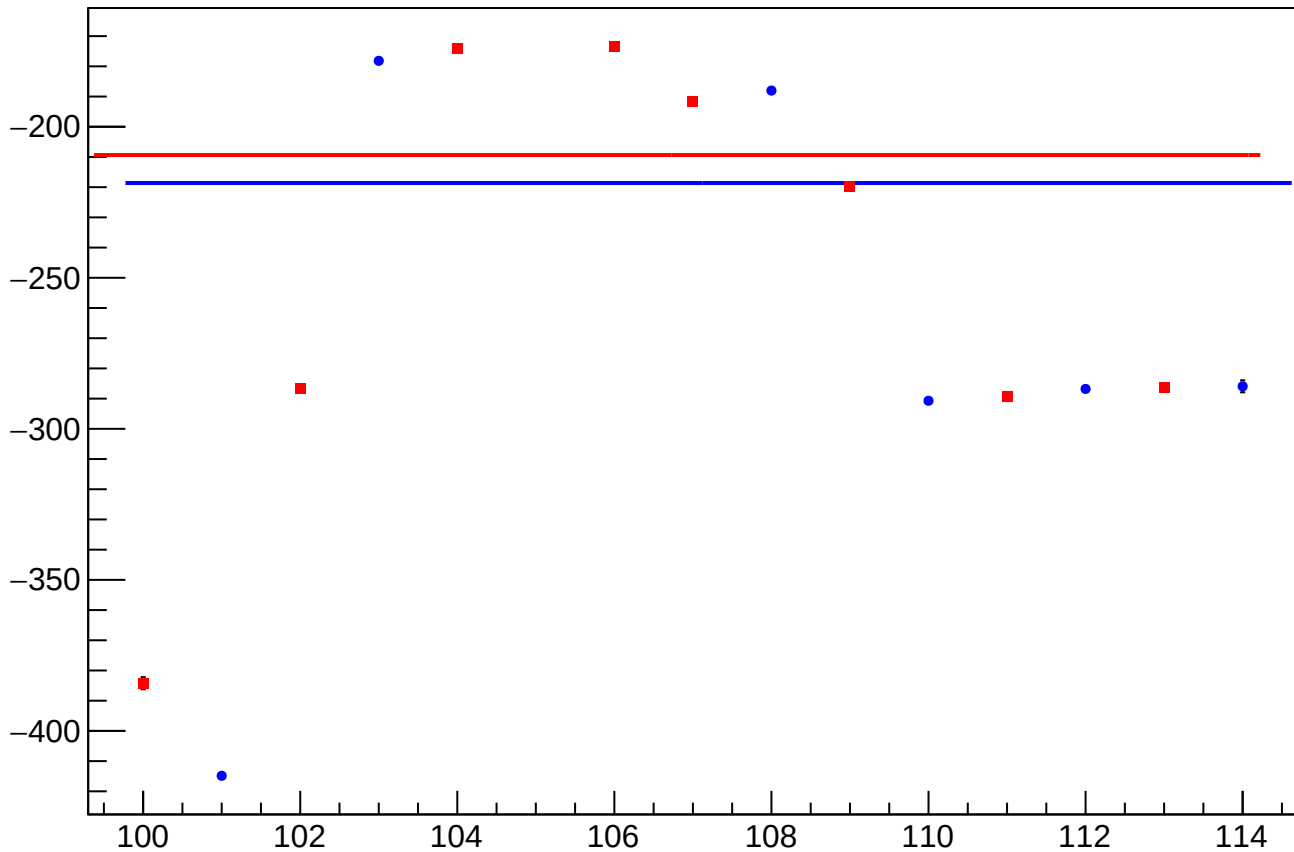
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.747 $\pm$ 3.638 χ^2 /NDF: 189.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -218.624+/-0.220 χ^2/NDF : 120808.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.362+/-0.198 χ^2/NDF : 63279.3/7

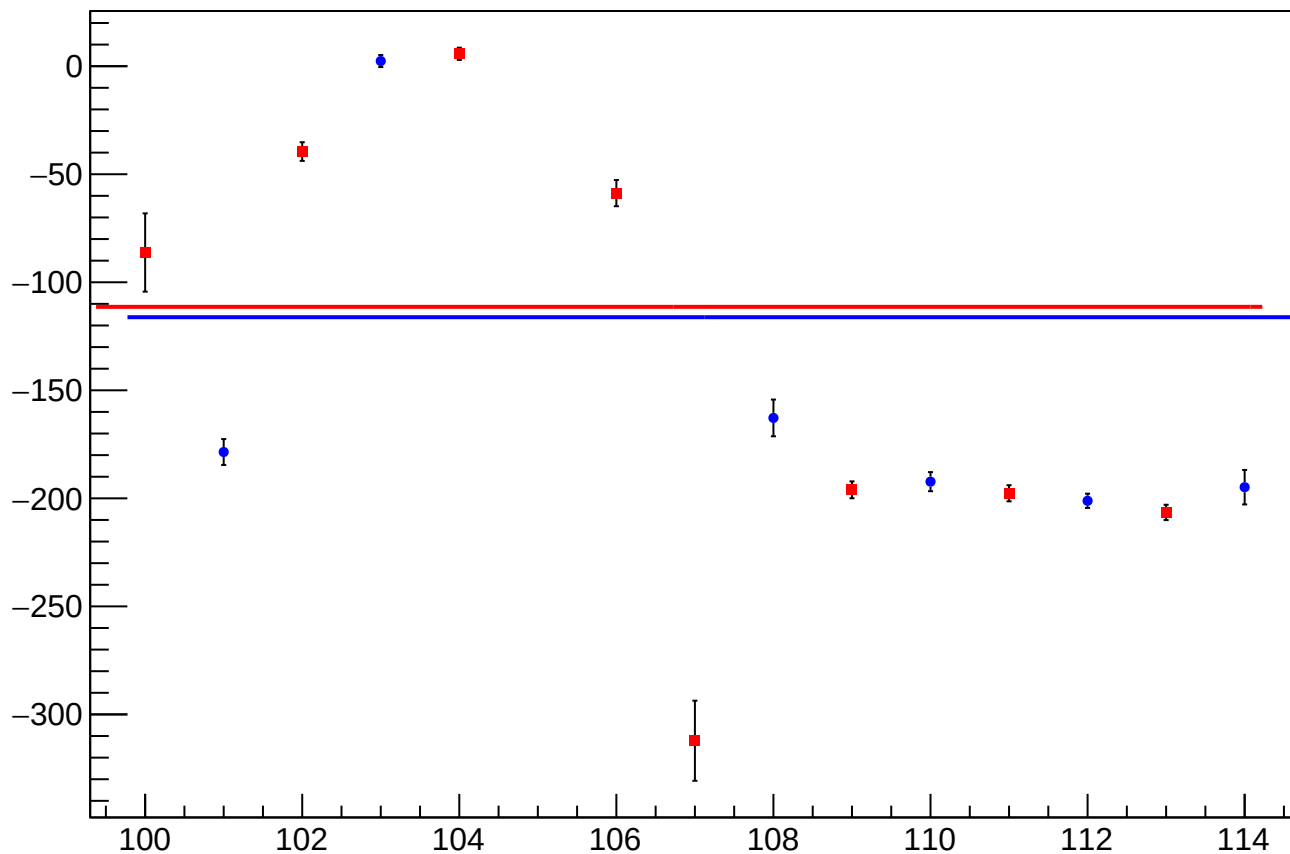
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.505+/-0.147 χ^2/NDF : 185065.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -116.170+/-1.740 χ^2/NDF : 3017.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.367+/-1.529 χ^2/NDF : 3895.3/7

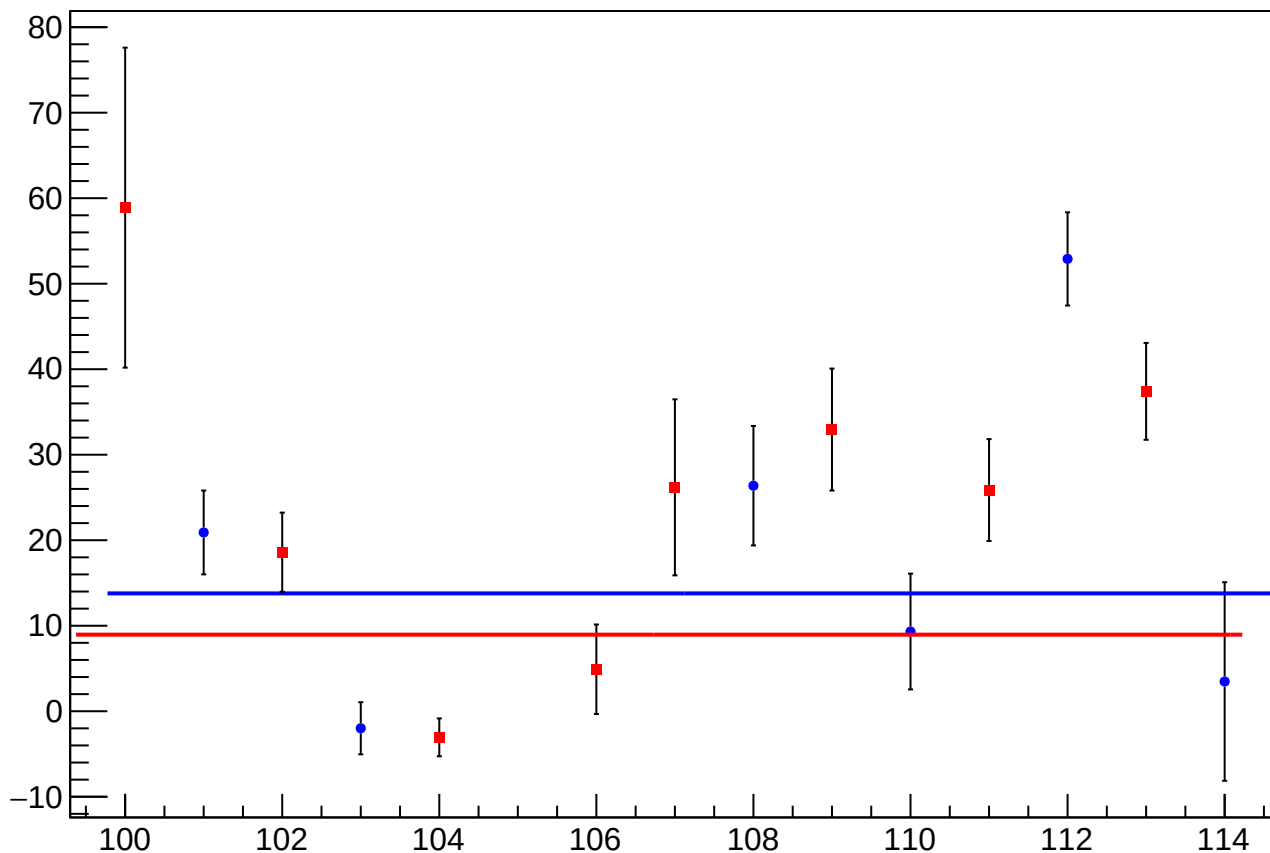
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.460+/-1.149 χ^2/NDF : 6916.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 13.781 $\pm$ 2.073 χ^2 /NDF: 84.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.957 $\pm$ 1.627 χ^2 /NDF: 88.8/7

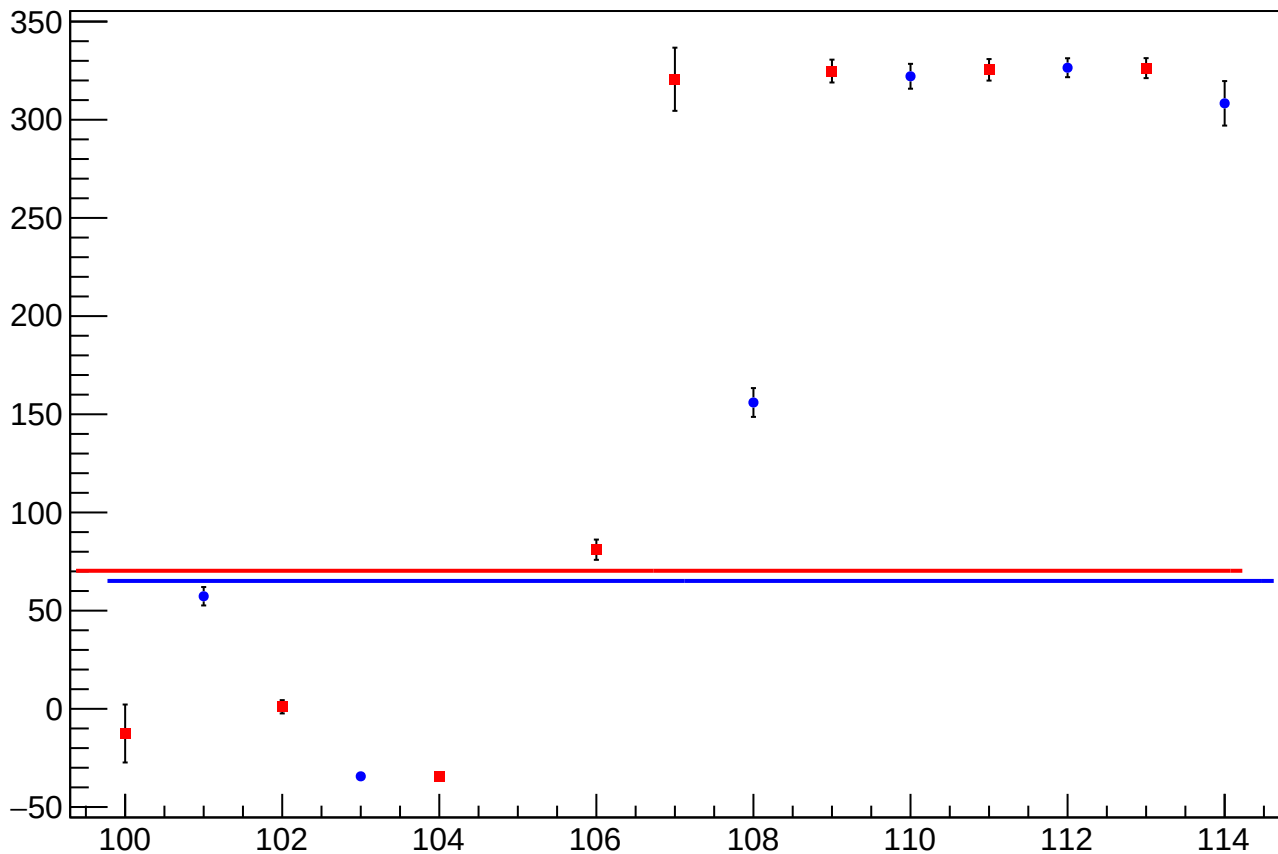
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.795 $\pm$ 1.280 χ^2 /NDF: 177.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 65.135+/-1.692 χ^2/NDF : 7275.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.305+/-1.518 χ^2/NDF : 9495.2/7

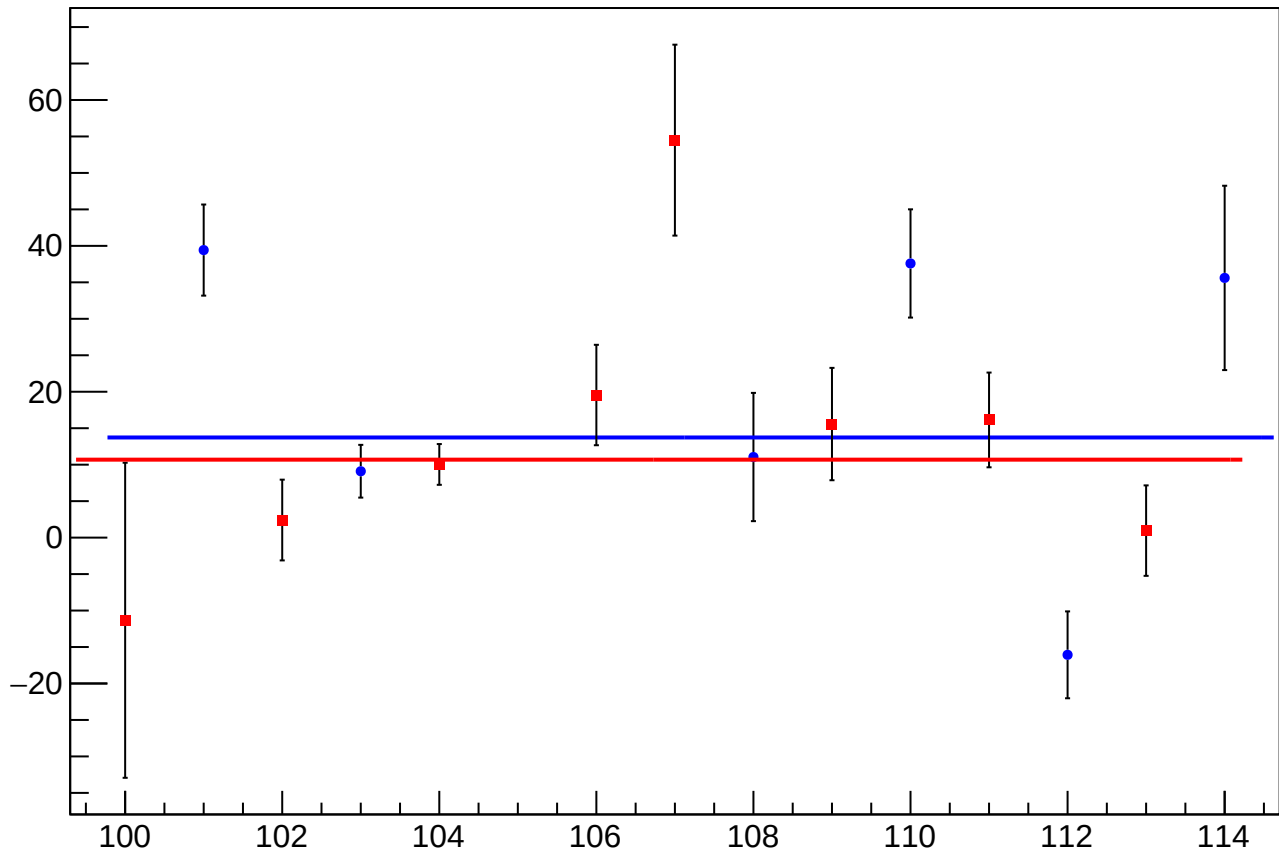
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.999+/-1.130 χ^2/NDF : 16775.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 13.729 $\pm$ 2.442 χ^2 /NDF: 57.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.688 $\pm$ 1.975 χ^2 /NDF: 19.8/7

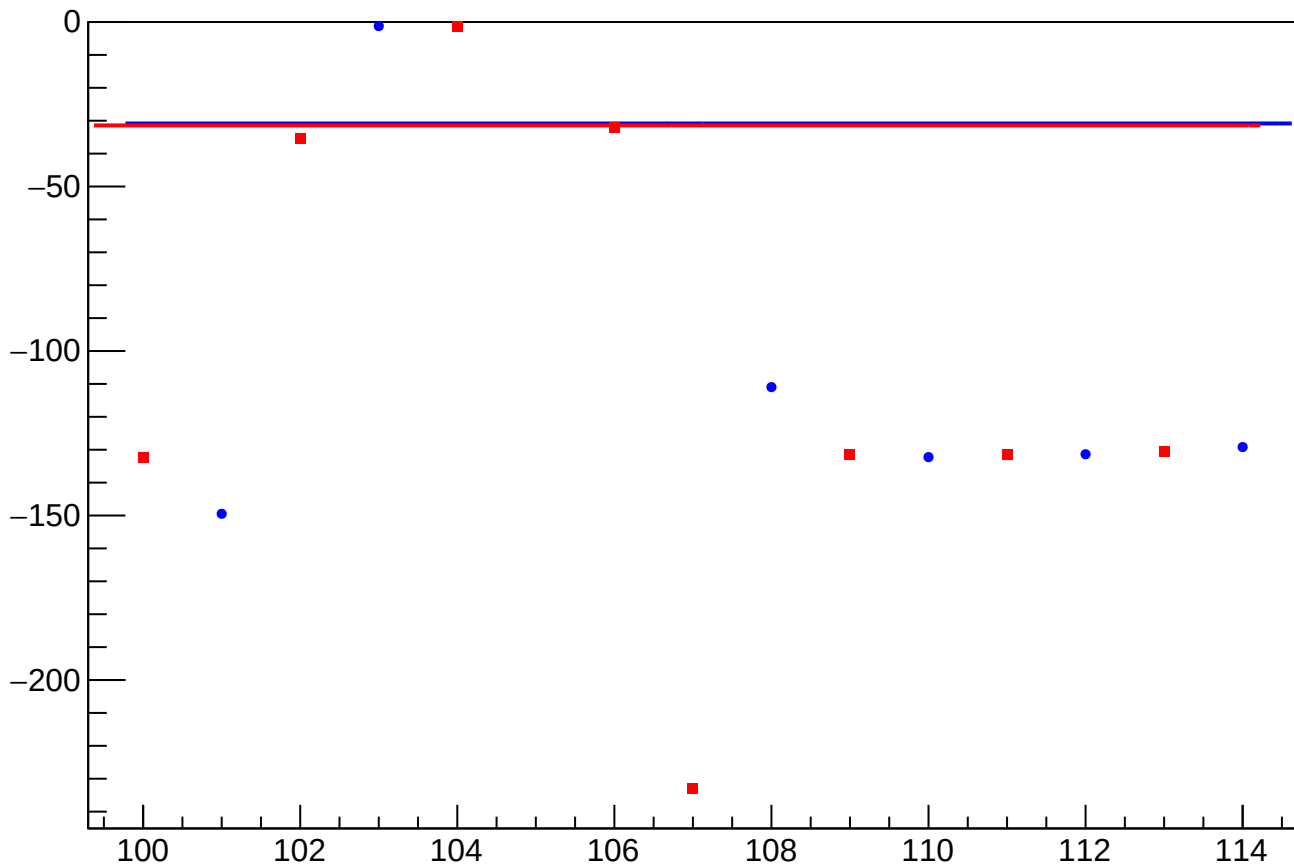
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.891 $\pm$ 1.536 χ^2 /NDF: 77.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -30.842 ± 0.080 $\chi^2/\text{NDF}: 478114.9/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.434 ± 0.074 $\chi^2/\text{NDF}: 374045.0/7$

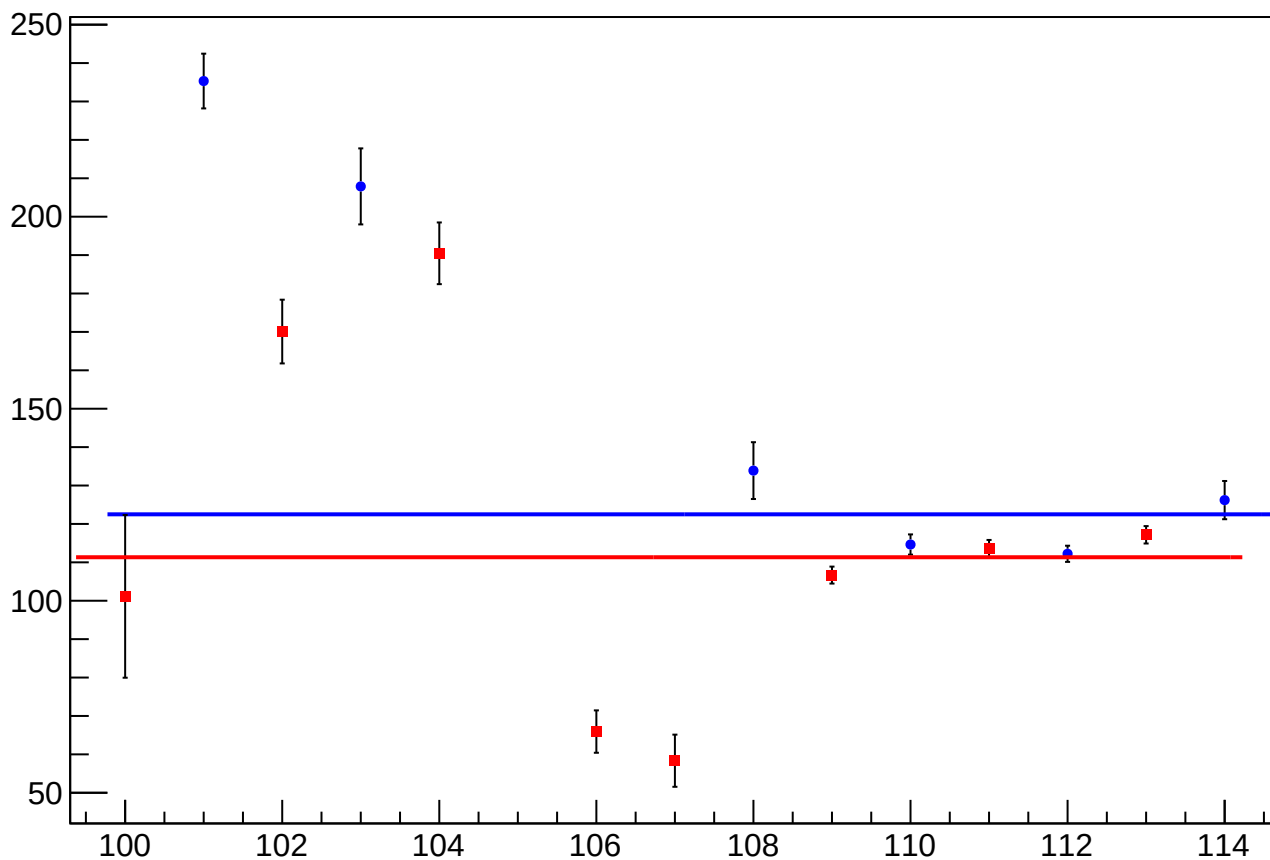
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.161 ± 0.054 $\chi^2/\text{NDF}: 852189.7/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 122.502 $\pm$ 1.478 χ^2 /NDF: 360.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.326 $\pm$ 1.222 χ^2 /NDF: 287.9/7

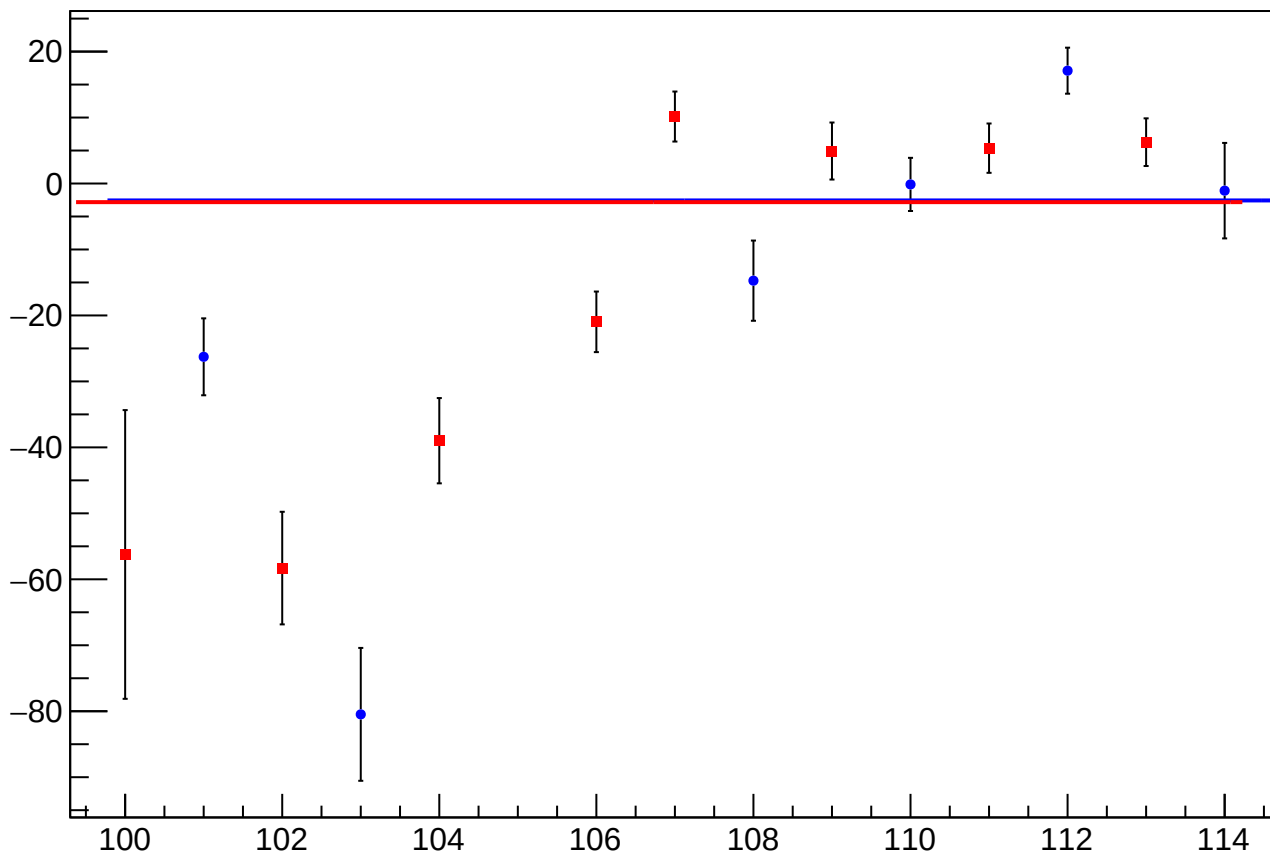
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.864 $\pm$ 0.942 χ^2 /NDF: 682.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: -2.565+/-2.089 χ^2 /NDF: 112.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.823+/-1.670 χ^2 /NDF: 121.2/7

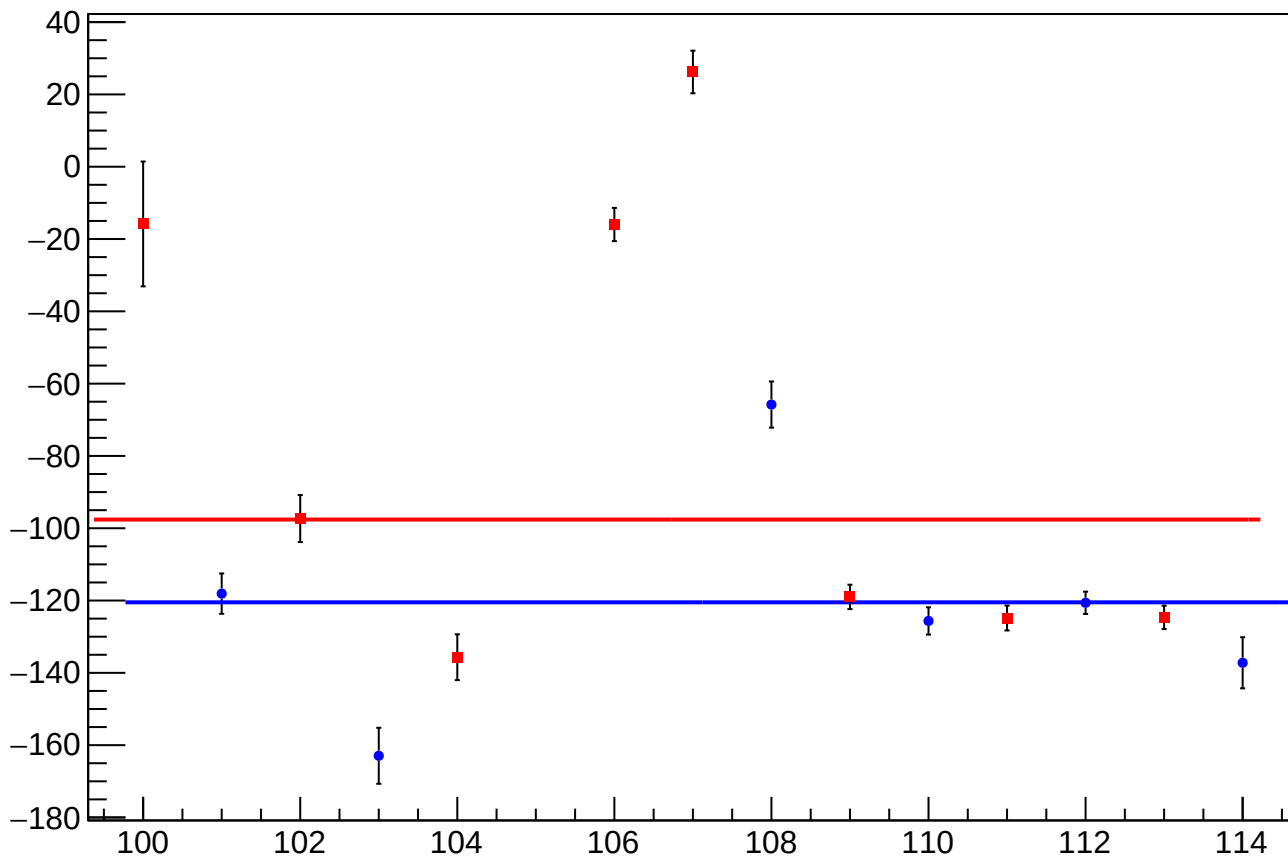
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.723+/-1.305 χ^2 /NDF: 233.7/13

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -120.492 ± 1.930 χ^2/NDF : 111.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.595 ± 1.590 χ^2/NDF : 987.2/7

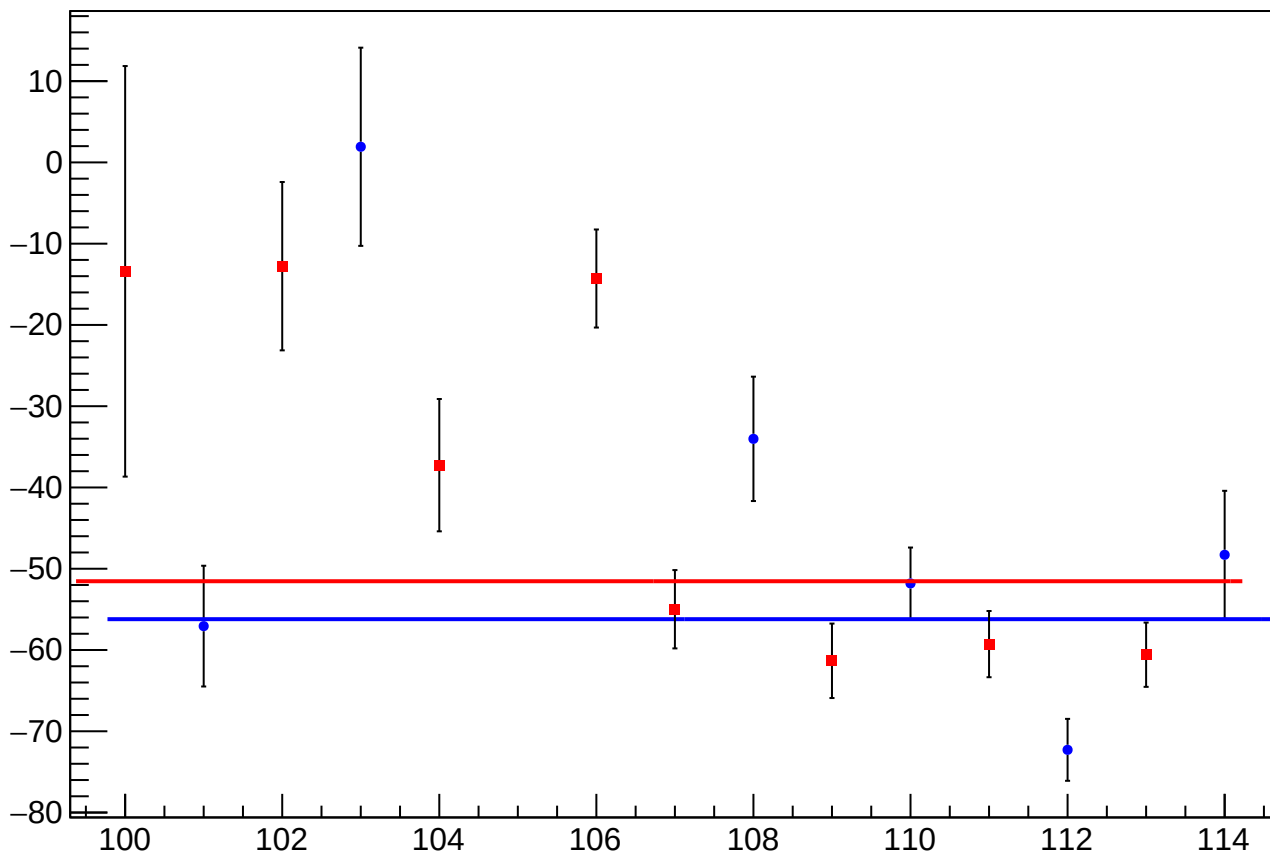
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -106.856 ± 1.227 χ^2/NDF : 1182.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -56.207 ± 2.369 $\chi^2/\text{NDF}: 51.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -51.537 ± 1.930 $\chi^2/\text{NDF}: 71.4/7$

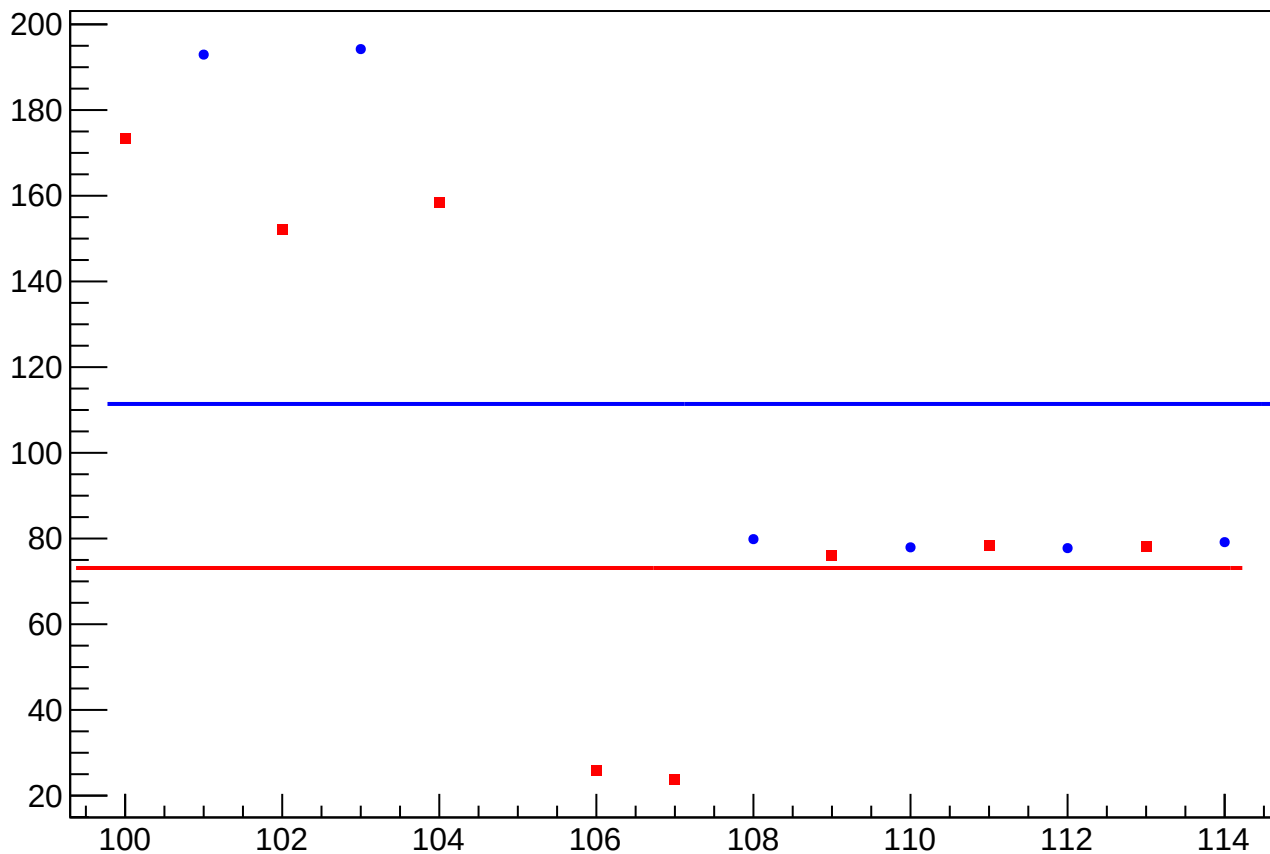
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -53.401 ± 1.496 $\chi^2/\text{NDF}: 124.7/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 111.406 $\pm$ 0.126 χ^2 /NDF: 171284.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.123 $\pm$ 0.093 χ^2 /NDF: 272866.9/7

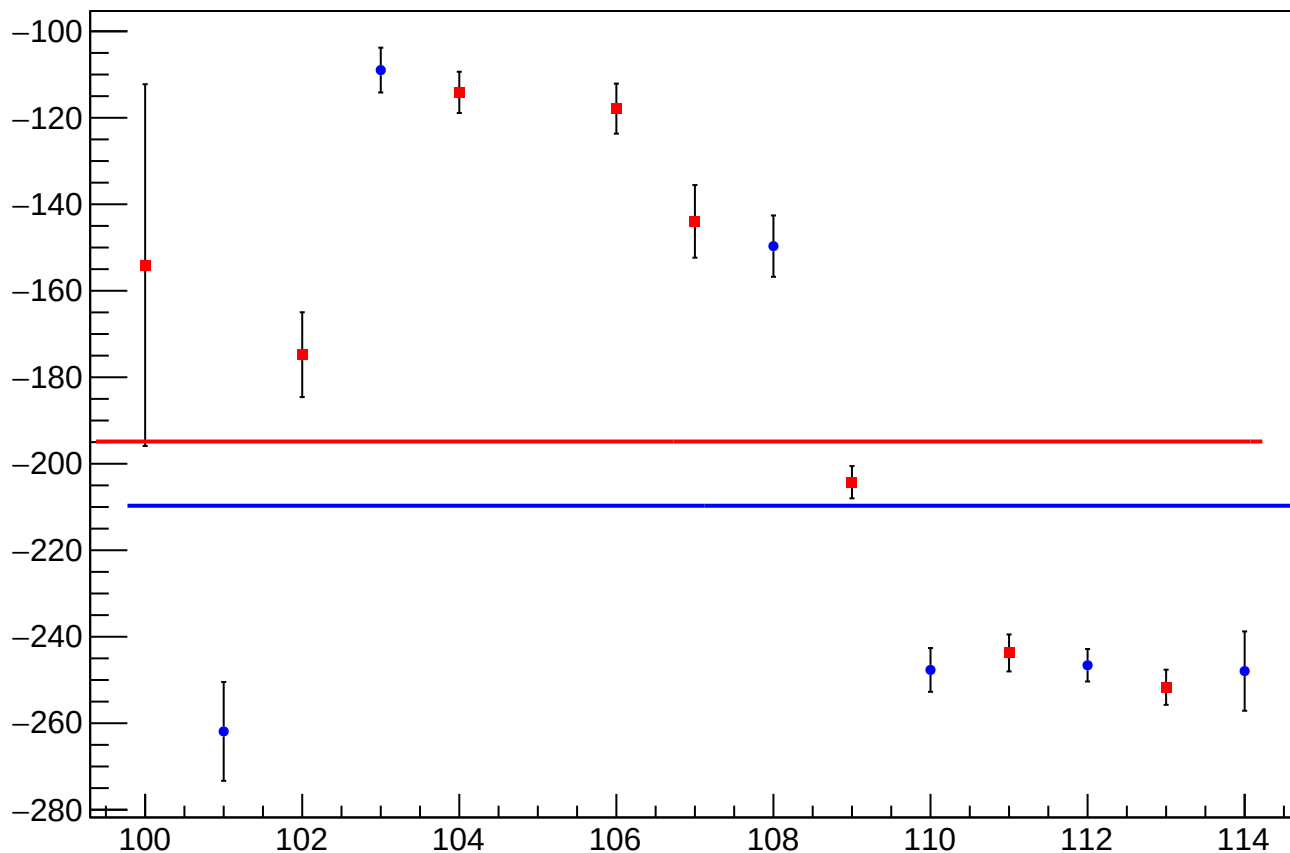
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.720 $\pm$ 0.075 χ^2 /NDF: 504145.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -209.709 $\pm$ 2.316 χ^2 /NDF: 640.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -194.857 $\pm$ 1.869 χ^2 /NDF: 838.1/7

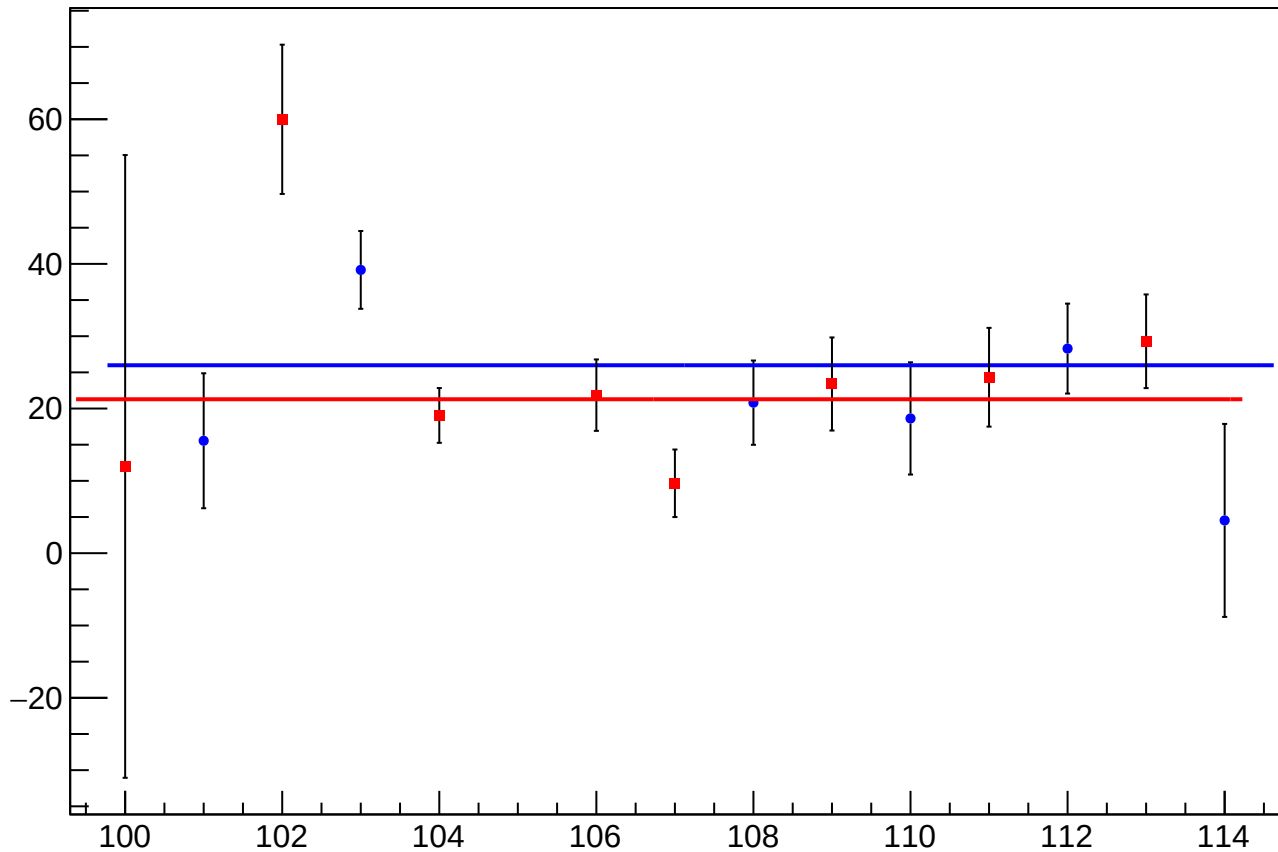
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -200.715 $\pm$ 1.454 χ^2 /NDF: 1503.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 25.984 $\pm$ 2.845 χ^2 /NDF: 11.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.283 $\pm$ 2.059 χ^2 /NDF: 22.5/7

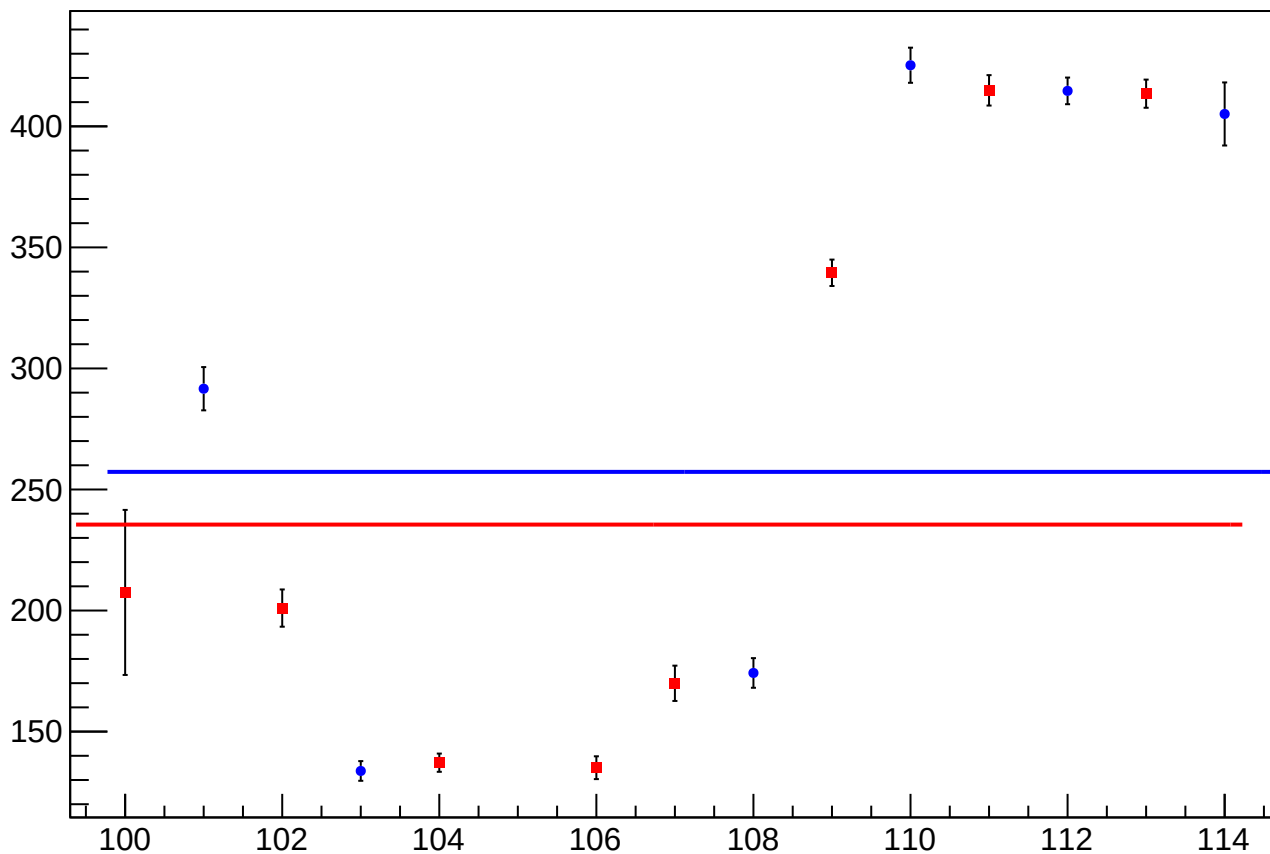
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.899 $\pm$ 1.668 χ^2 /NDF: 36.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 257.276+/-2.519 χ^2/NDF : 2604.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.504+/-2.038 χ^2/NDF : 3353.9/7

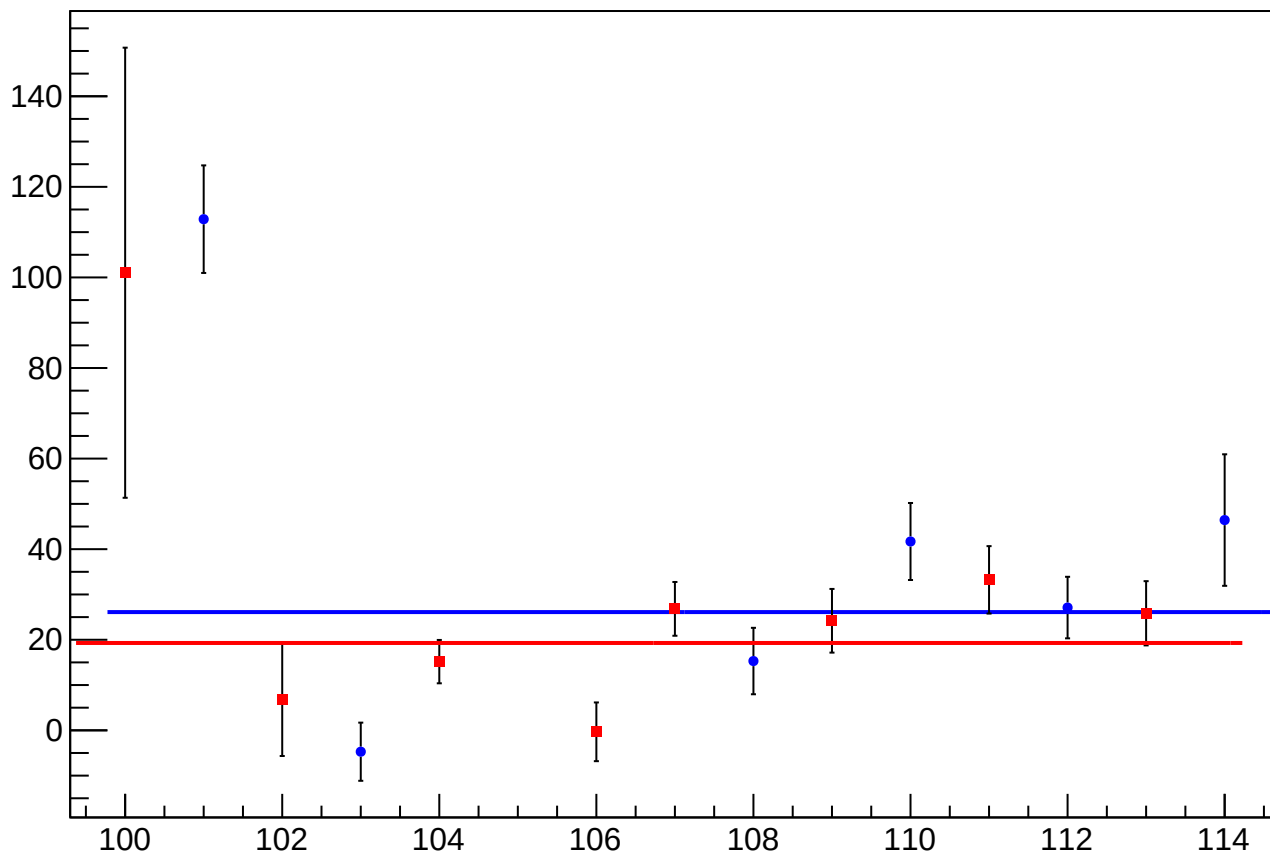
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.118+/-1.584 χ^2/NDF : 6003.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 26.110 $\pm$ 3.330 χ^2 /NDF: 83.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.288 $\pm$ 2.493 χ^2 /NDF: 20.1/7

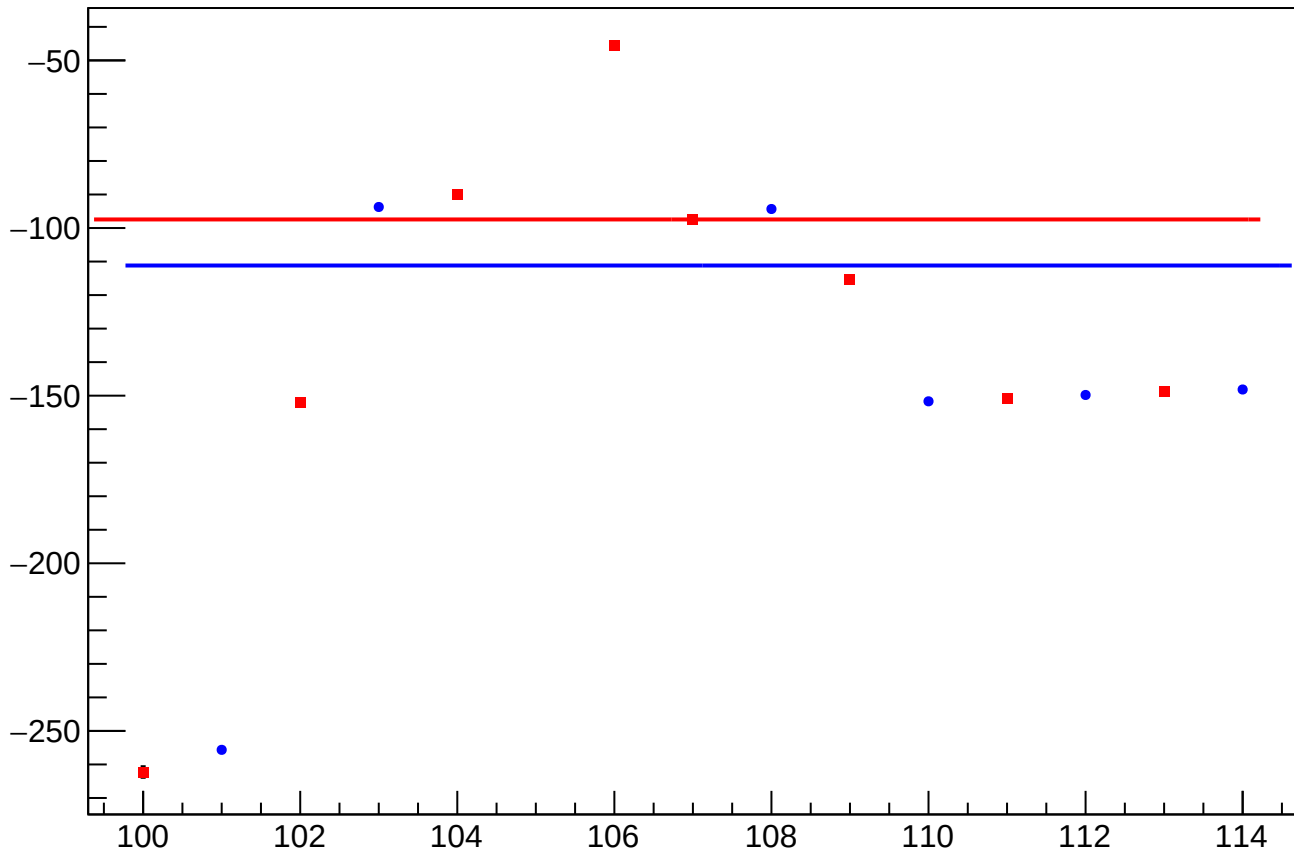
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.738 $\pm$ 1.996 χ^2 /NDF: 106.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -111.181 $\pm$ 0.126 χ^2 /NDF: 102975.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -97.440 $\pm$ 0.108 χ^2 /NDF: 115210.6/7

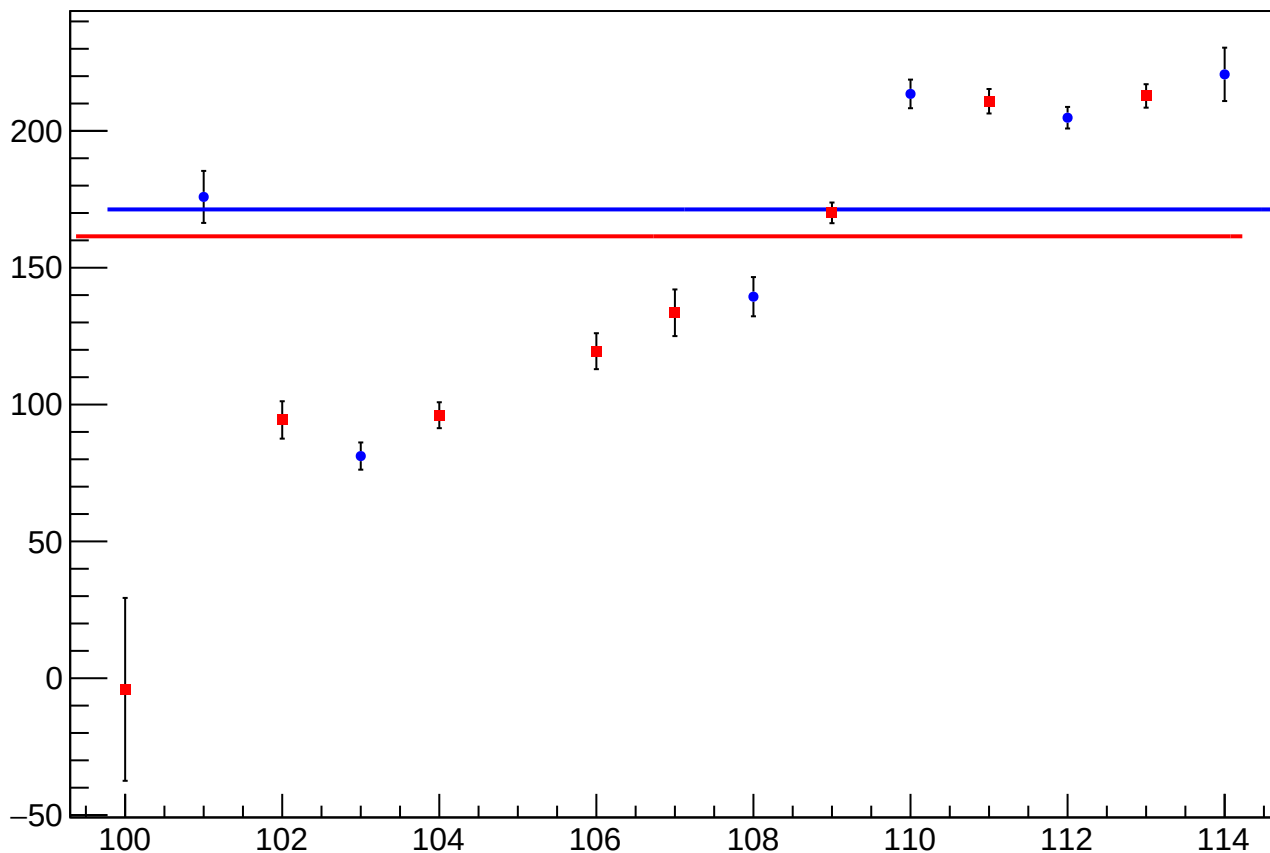
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.236 $\pm$ 0.082 χ^2 /NDF: 225068.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 171.304 $\pm$ 2.342 χ^2 /NDF: 511.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.480 $\pm$ 1.895 χ^2 /NDF: 633.3/7

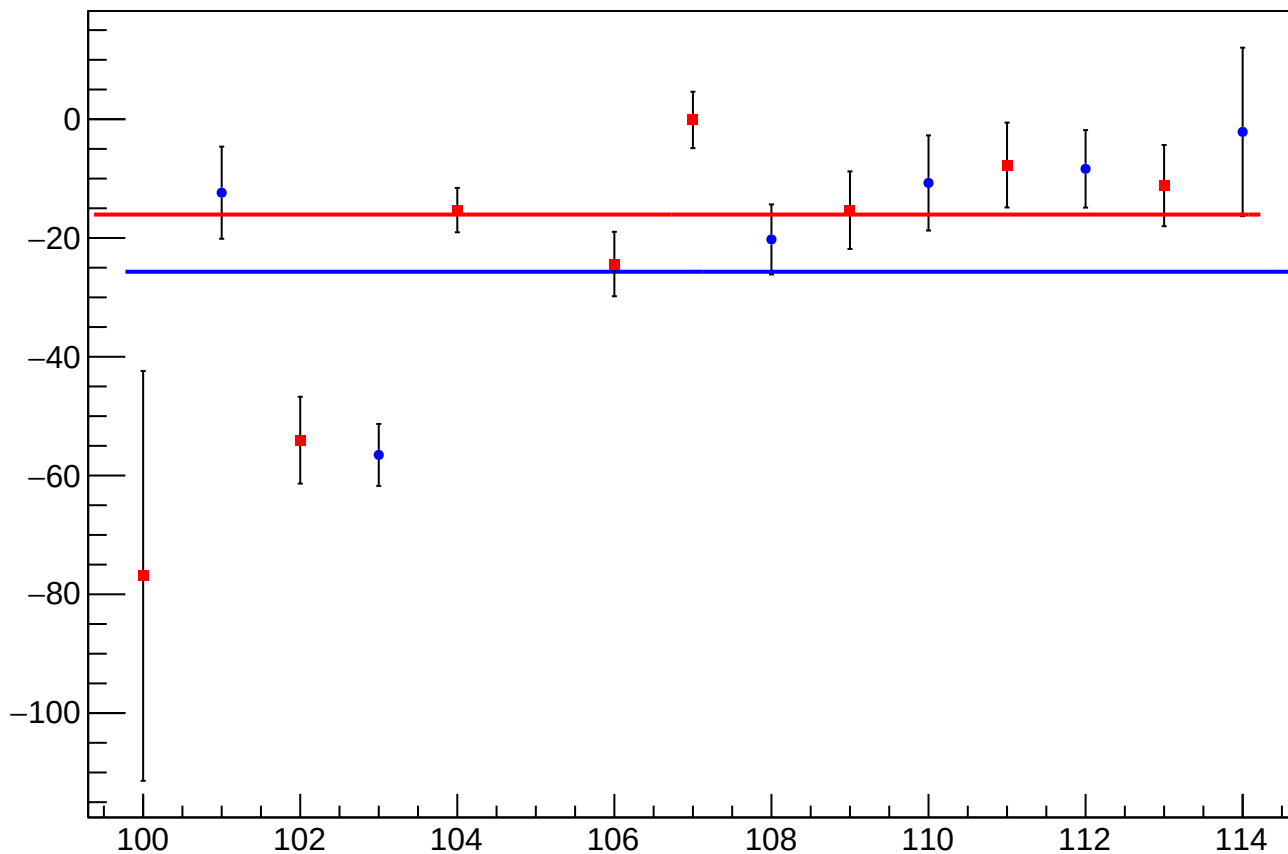
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.367 $\pm$ 1.473 χ^2 /NDF: 1155.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -25.684 ± 2.814 χ^2/NDF : 52.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.056 ± 2.067 χ^2/NDF : 45.6/7

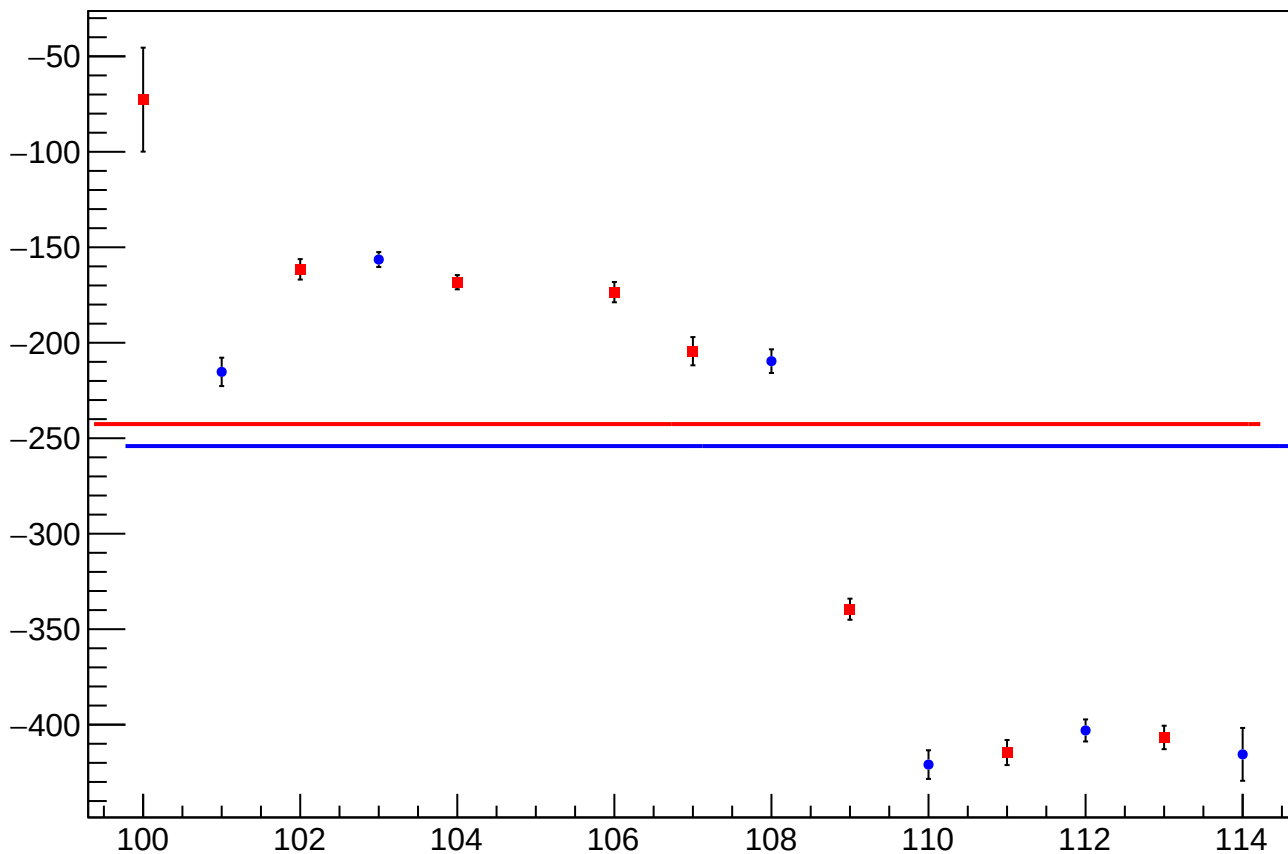
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.430 ± 1.666 χ^2/NDF : 105.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -254.103 ± 2.478 χ^2/NDF : 2001.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -242.588 ± 2.025 χ^2/NDF : 2565.7/7

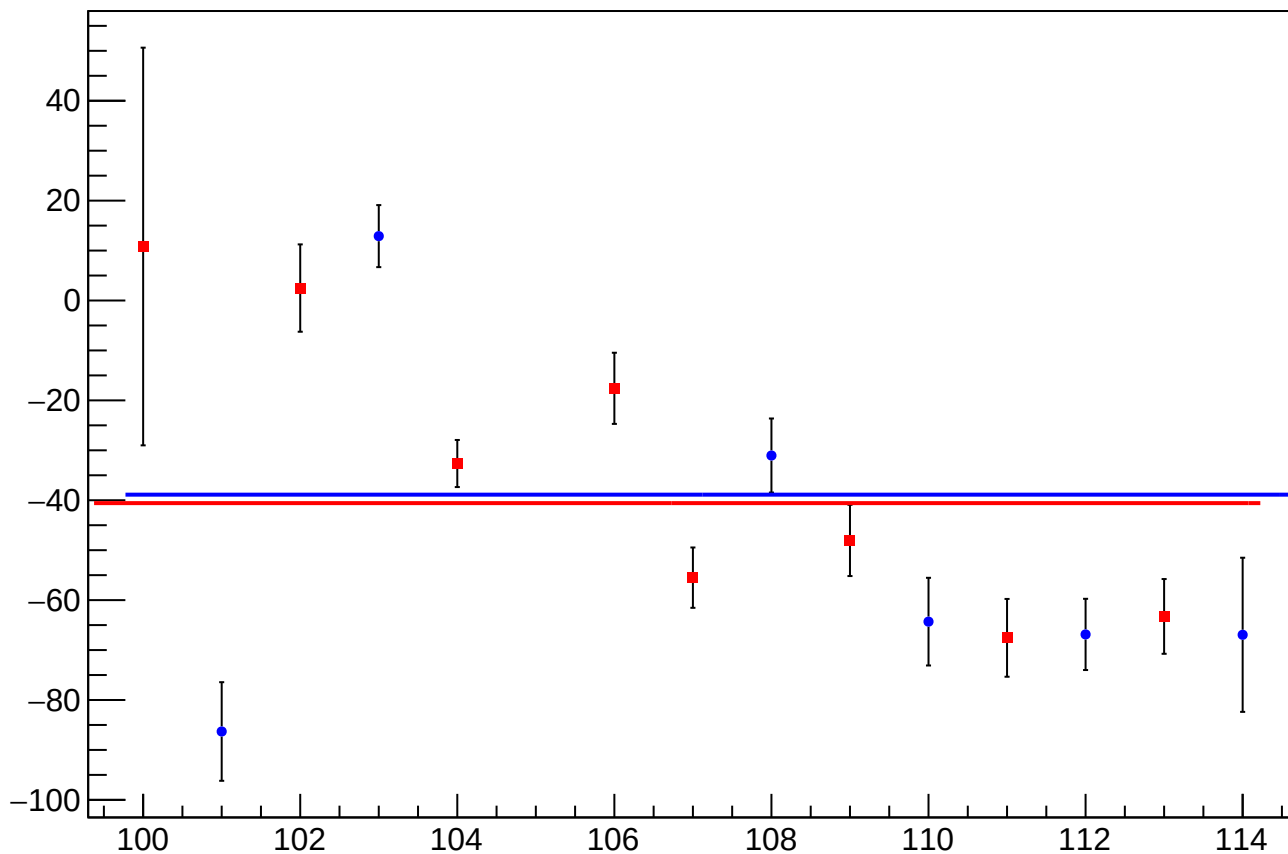
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -247.198 ± 1.568 χ^2/NDF : 4580.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -38.881 ± 3.311 χ^2/NDF : 120.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.575 ± 2.502 χ^2/NDF : 67.5/7

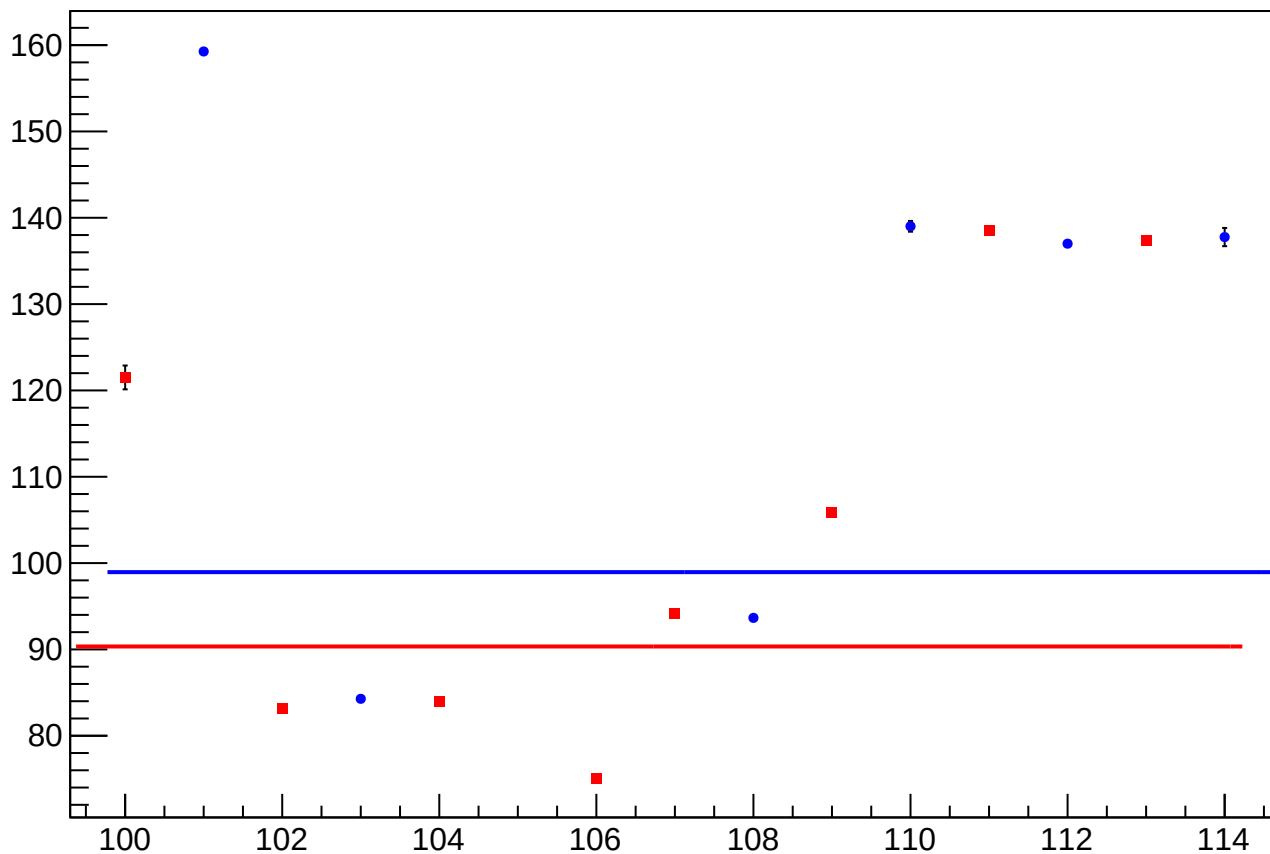
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.959 ± 1.996 χ^2/NDF : 188.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 98.952 $\pm$ 0.122 χ^2 /NDF: 39819.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.340 $\pm$ 0.104 χ^2 /NDF: 27080.9/7

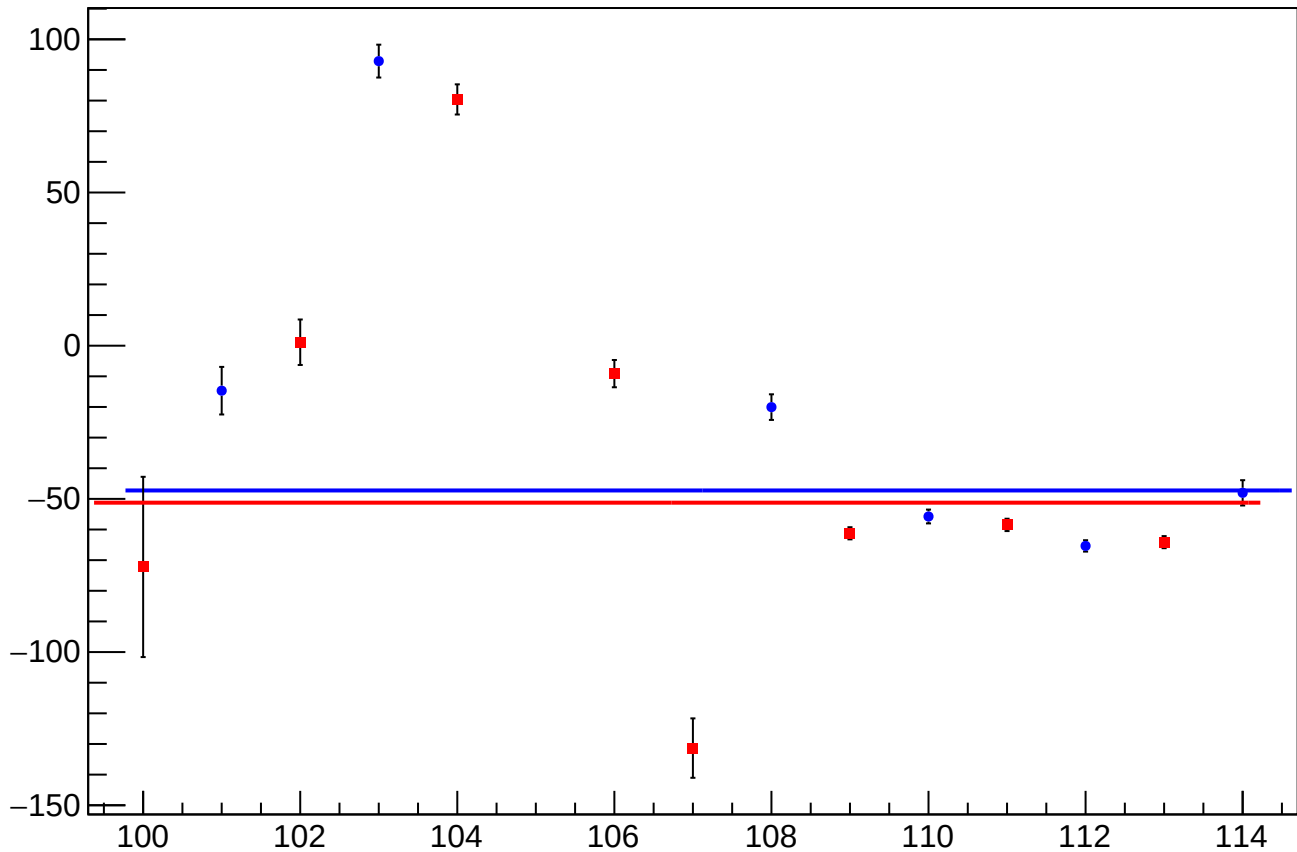
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.939 $\pm$ 0.079 χ^2 /NDF: 69778.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -47.252 ± 1.237 χ^2/NDF : 851.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -51.240 ± 1.067 χ^2/NDF : 1003.6/7

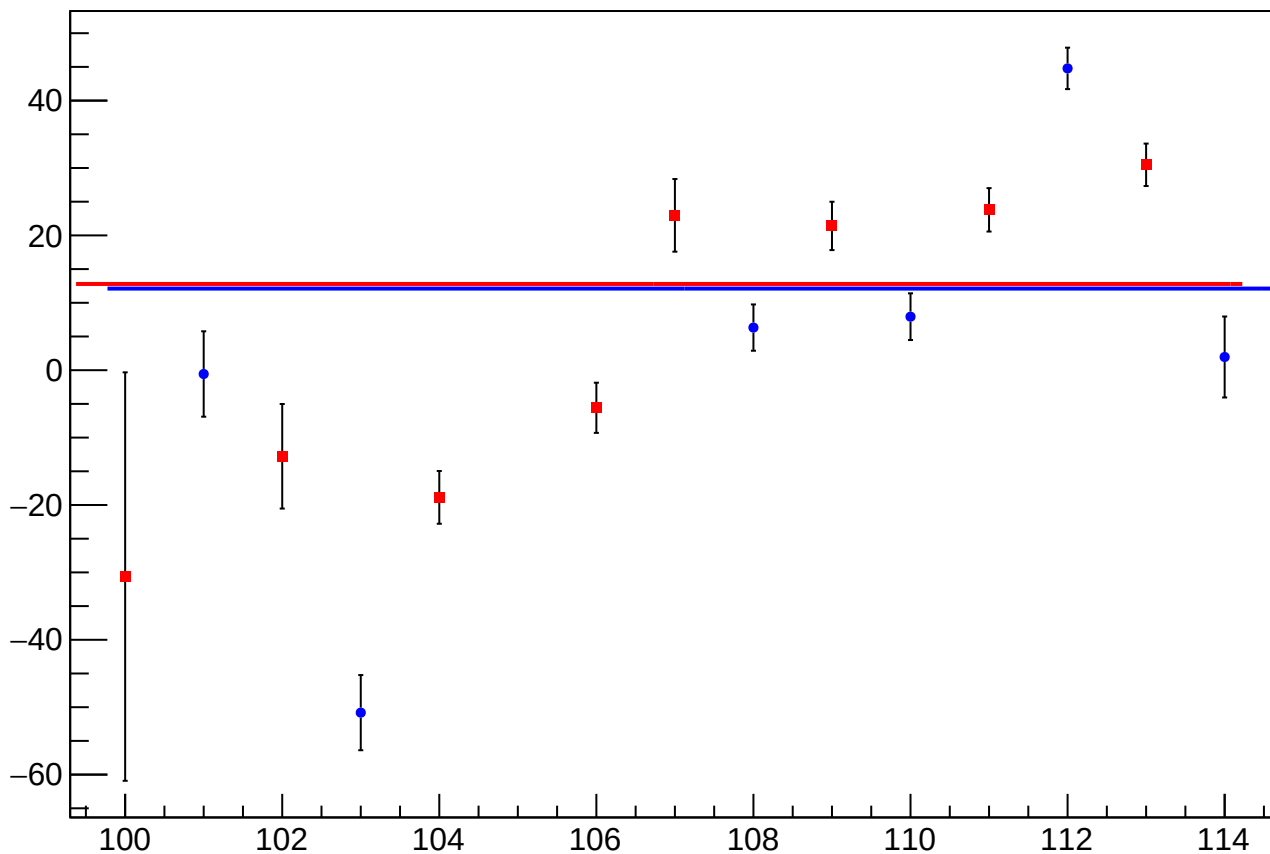
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.539 ± 0.808 χ^2/NDF : 1861.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 12.108 $\pm$ 1.670 χ^2 /NDF: 251.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.794 $\pm$ 1.467 χ^2 /NDF: 155.3/7

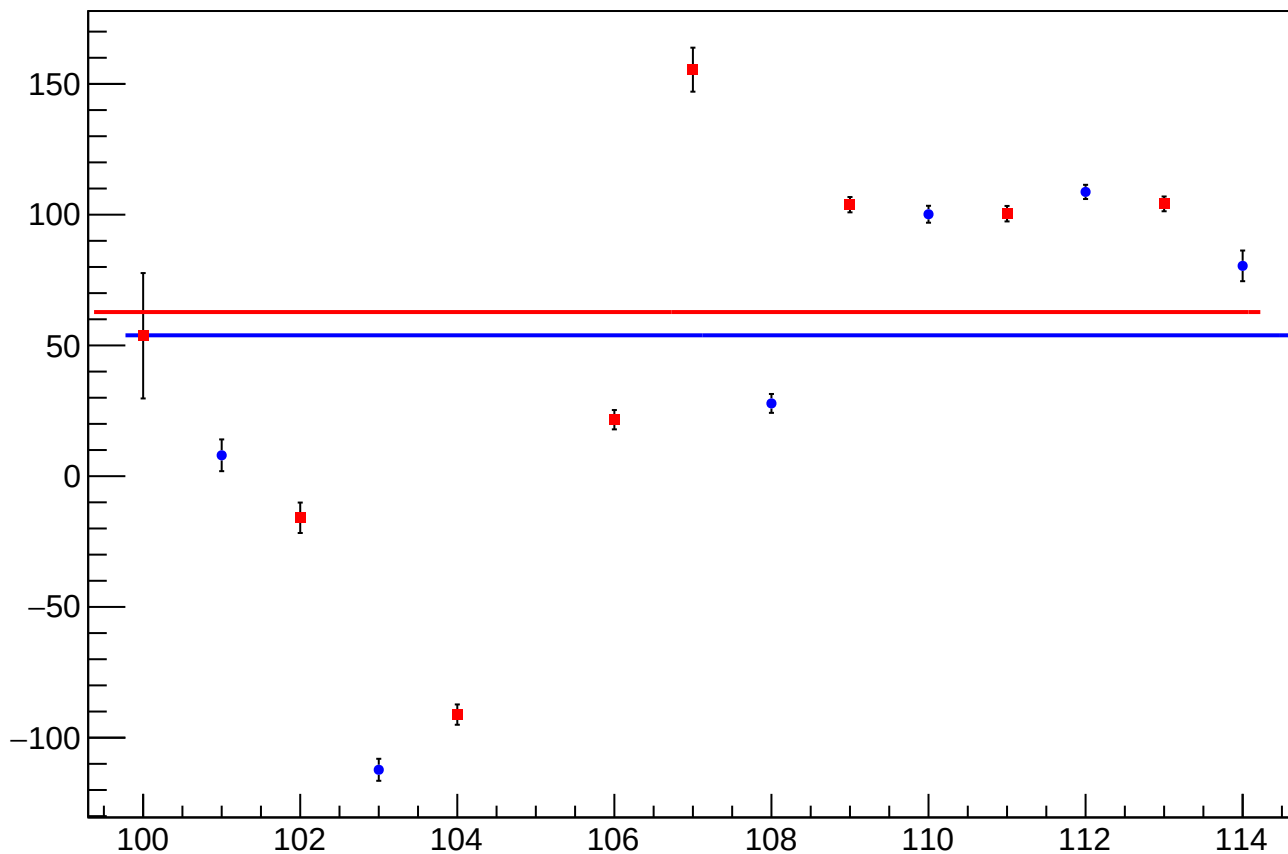
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.495 $\pm$ 1.102 χ^2 /NDF: 406.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 53.869+/-1.542 χ^2/NDF : 2300.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.761+/-1.360 χ^2/NDF : 2570.4/7

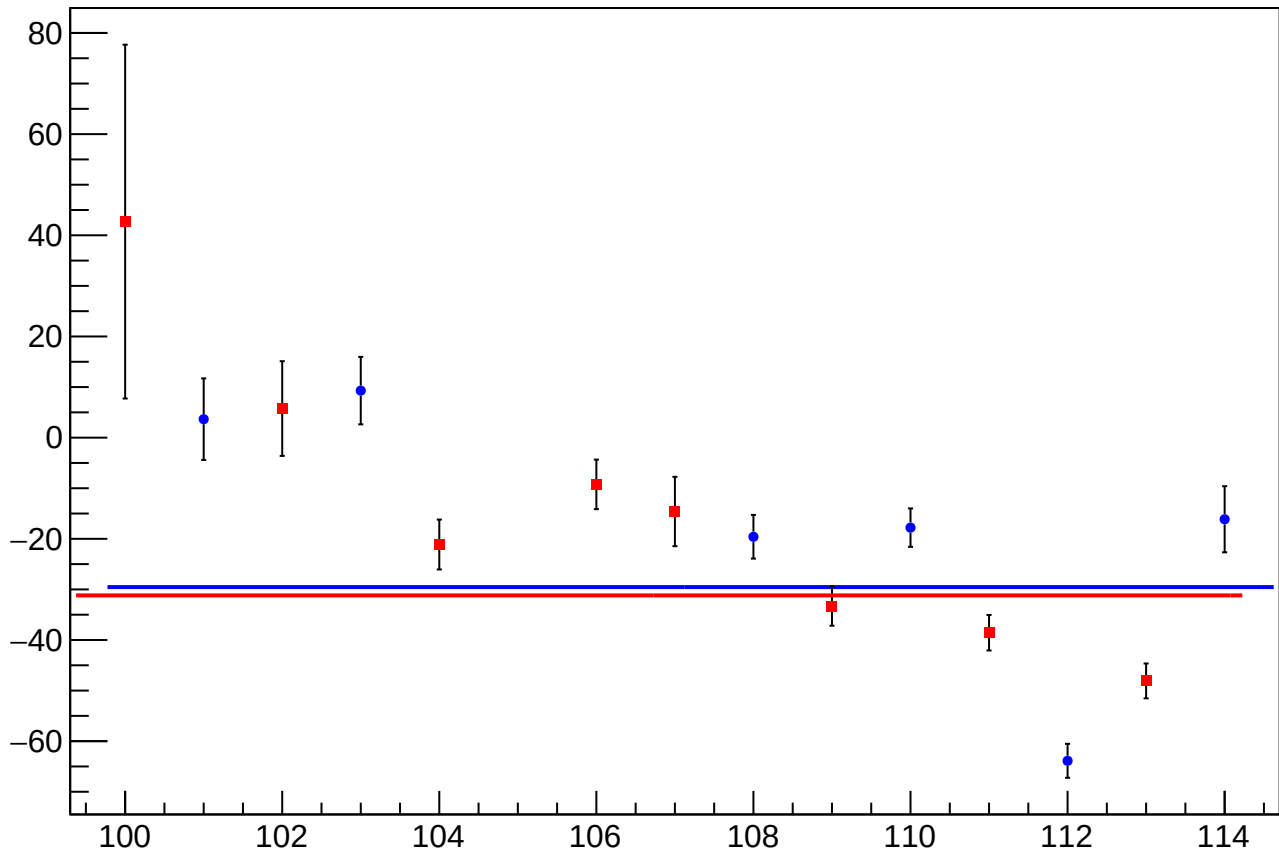
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.871+/-1.020 χ^2/NDF : 4889.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -29.540 ± 1.914 χ^2/NDF : 174.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.183 ± 1.695 χ^2/NDF : 78.9/7

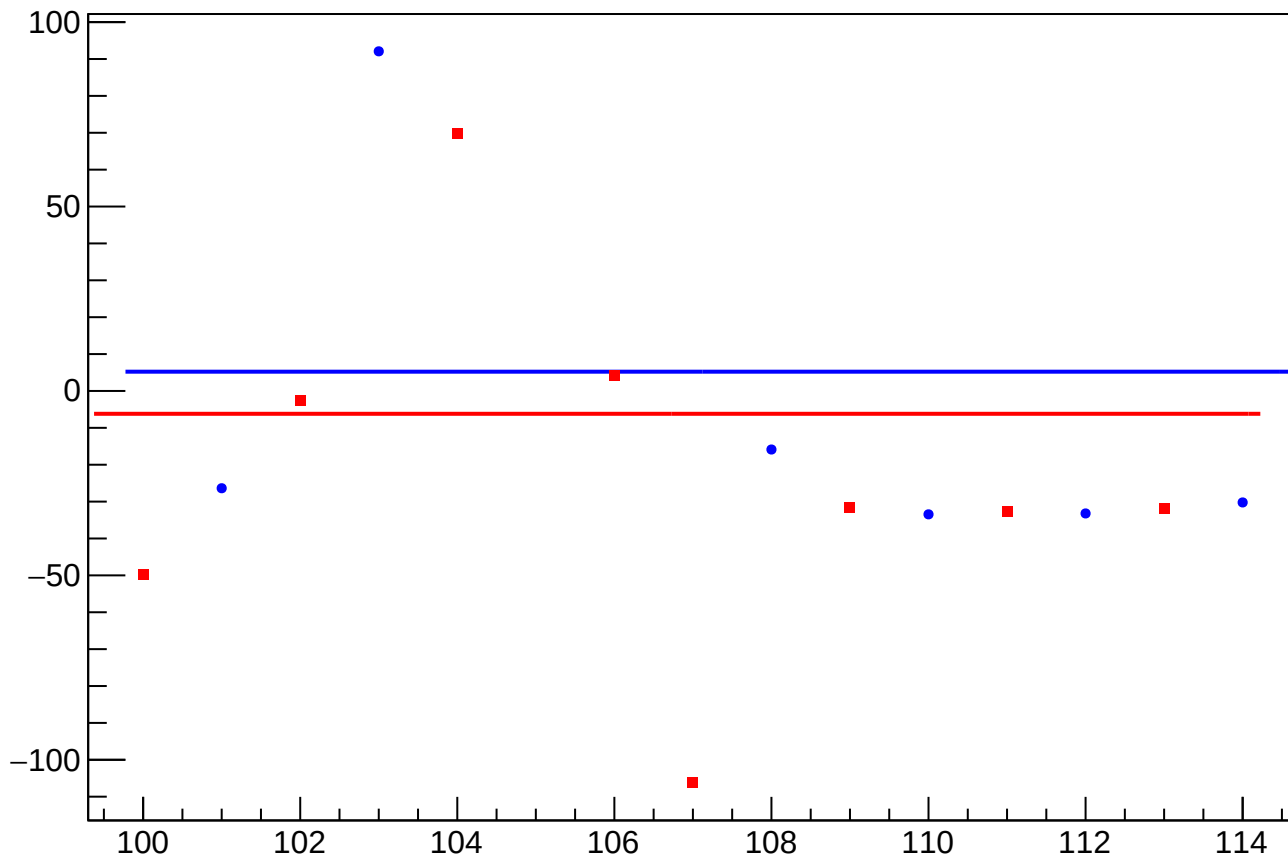
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.460 ± 1.269 χ^2/NDF : 253.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: 5.226+/-0.089 χ^2/NDF : 330149.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.192+/-0.081 χ^2/NDF : 298113.9/7

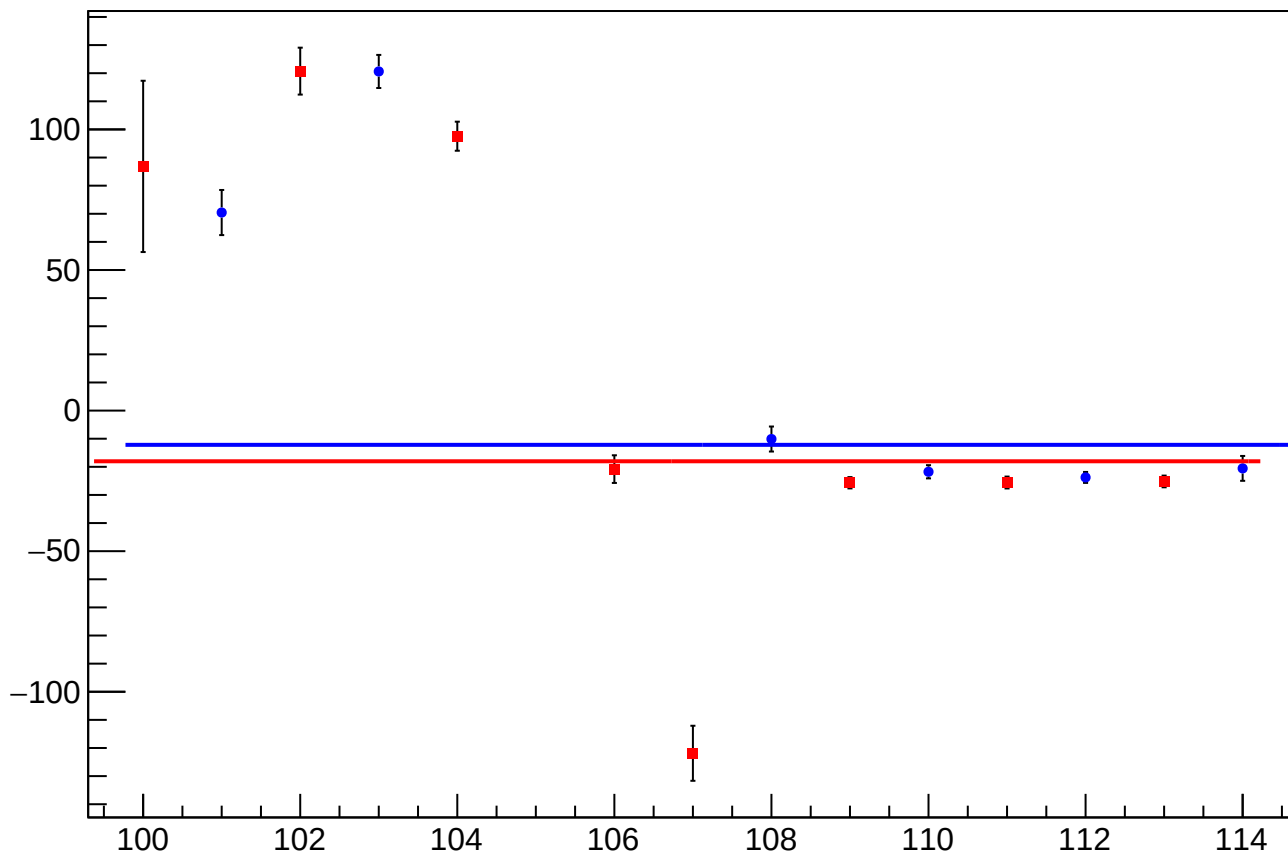
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.983+/-0.060 χ^2/NDF : 637280.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: -12.181 $\pm$ 1.300 χ^2 /NDF: 671.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.027 $\pm$ 1.113 χ^2 /NDF: 941.1/7

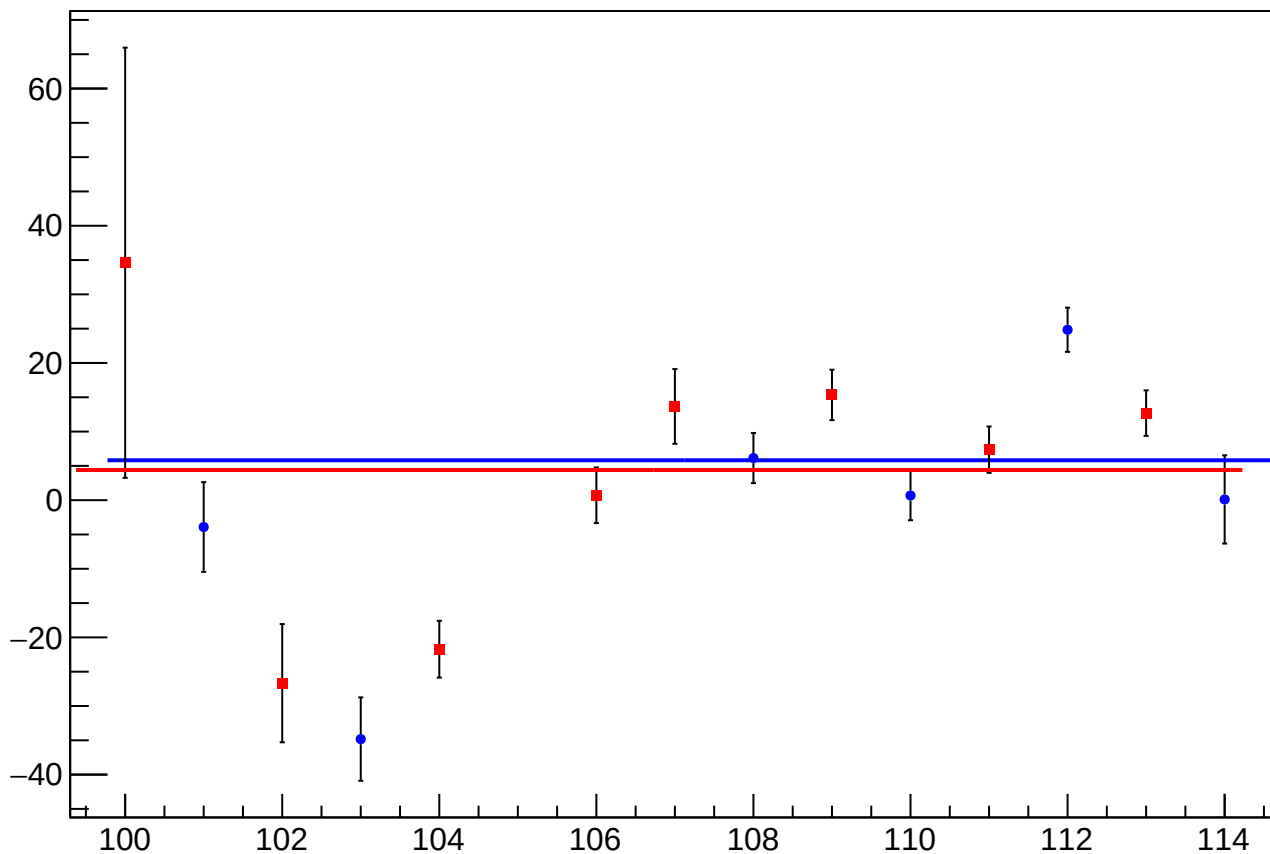
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.554 $\pm$ 0.846 χ^2 /NDF: 1624.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: 5.816 $\pm$ 1.760 χ^2 /NDF: 84.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.397 $\pm$ 1.543 χ^2 /NDF: 73.4/7

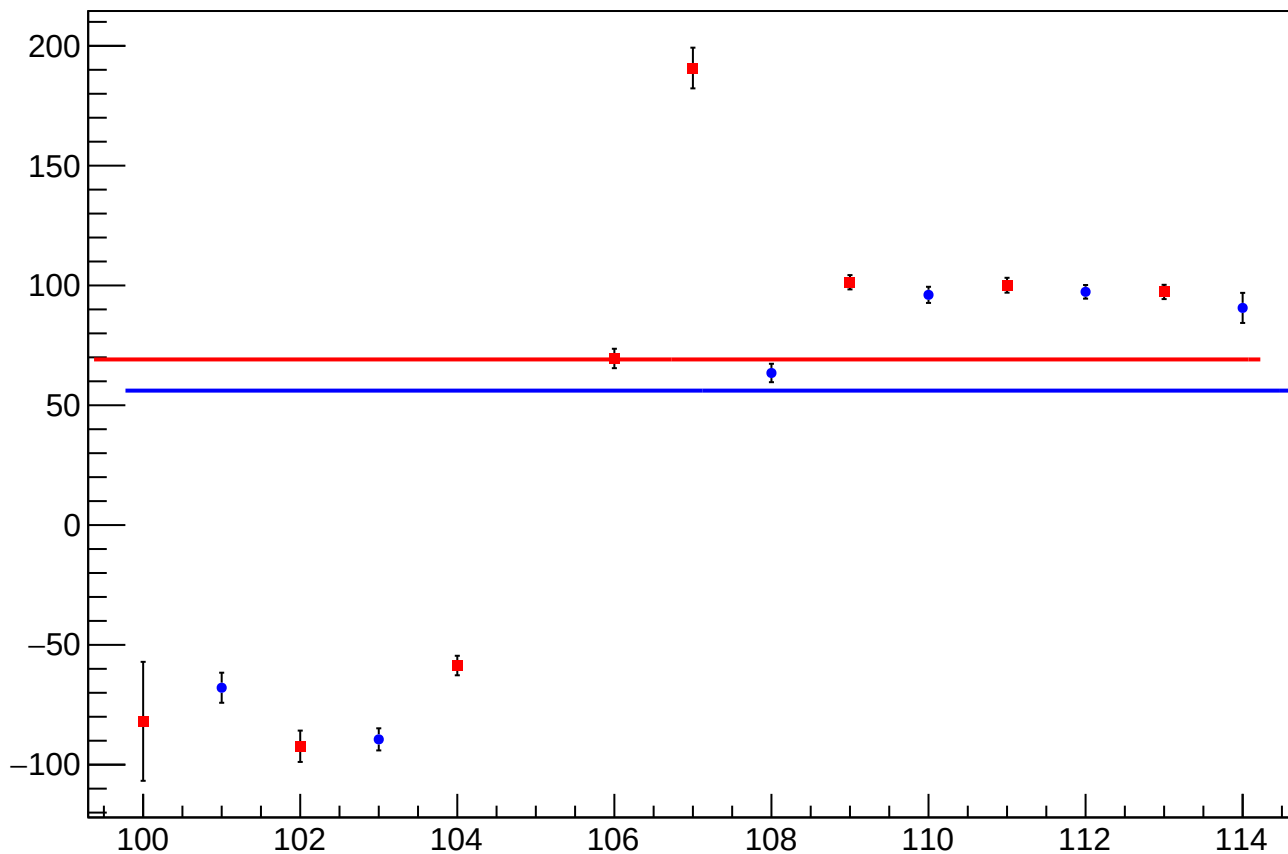
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.013 $\pm$ 1.160 χ^2 /NDF: 158.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 56.113+/-1.628 χ^2/NDF : 1769.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.122+/-1.431 χ^2/NDF : 2138.8/7

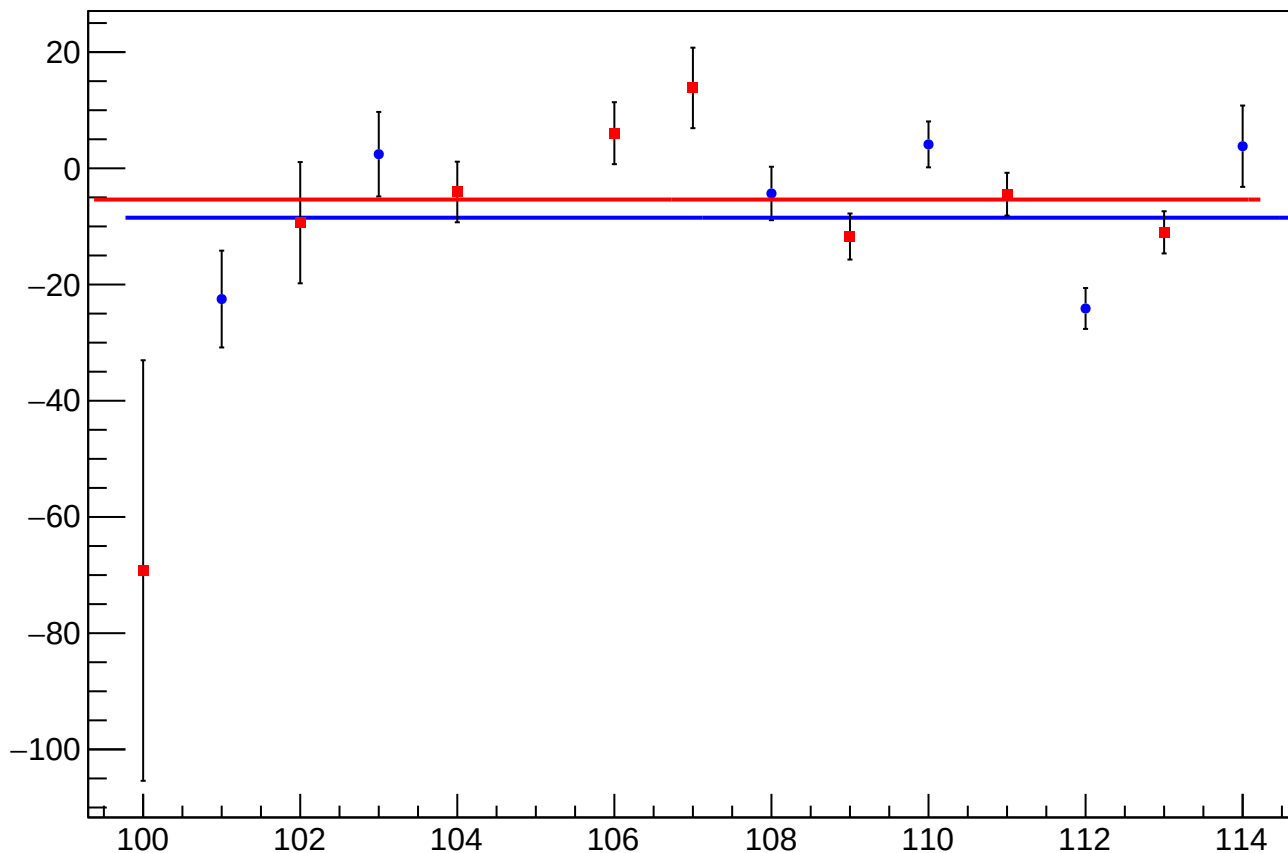
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.455+/-1.075 χ^2/NDF : 3944.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -8.499+/-2.016 χ^2/NDF : 38.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.372+/-1.779 χ^2/NDF : 20.7/7

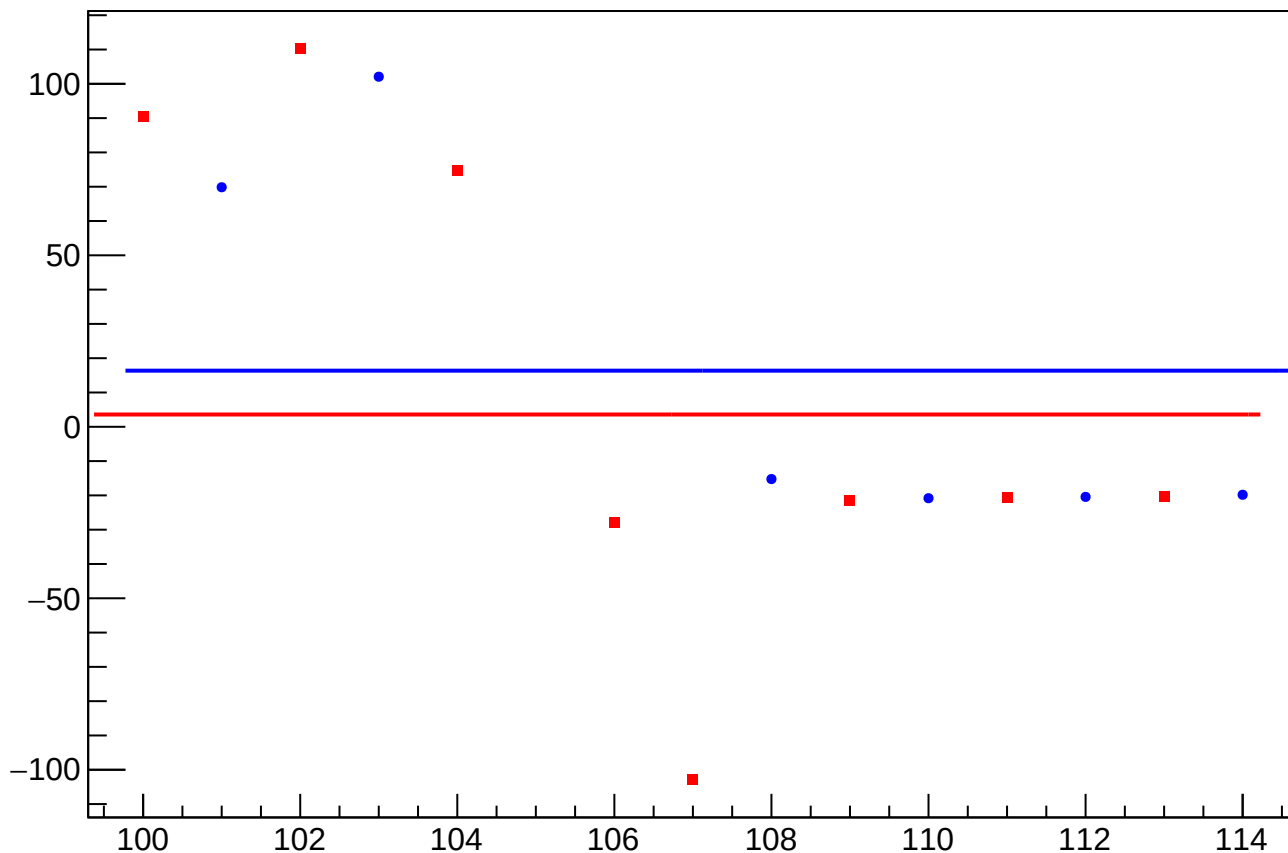
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.741+/-1.334 χ^2/NDF : 60.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 16.367 $\pm$ 0.094 χ^2 /NDF: 307540.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.585 $\pm$ 0.086 χ^2 /NDF: 434074.4/7

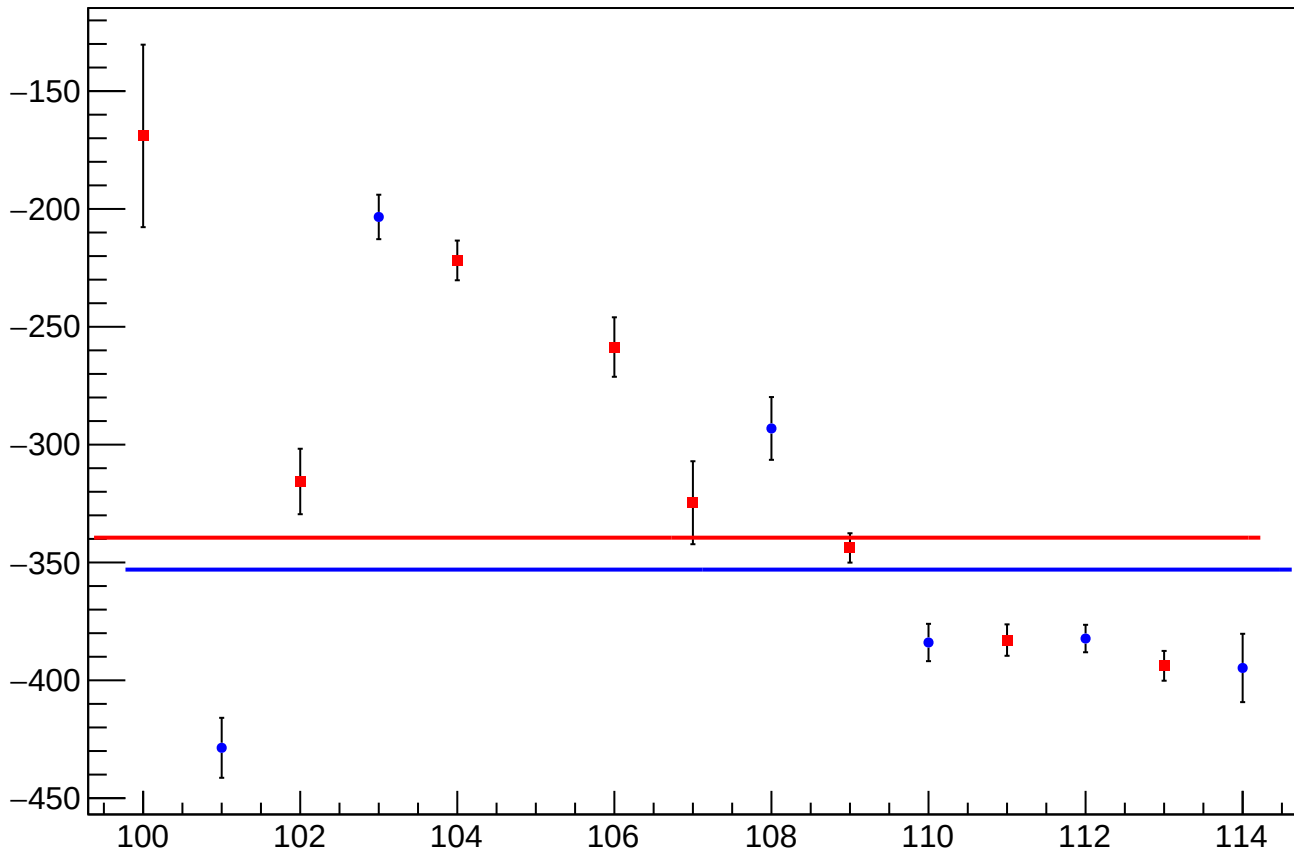
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.403 $\pm$ 0.064 χ^2 /NDF: 751583.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -353.023+/-3.695 χ^2/NDF : 356.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.472+/-3.120 χ^2/NDF : 376.0/7

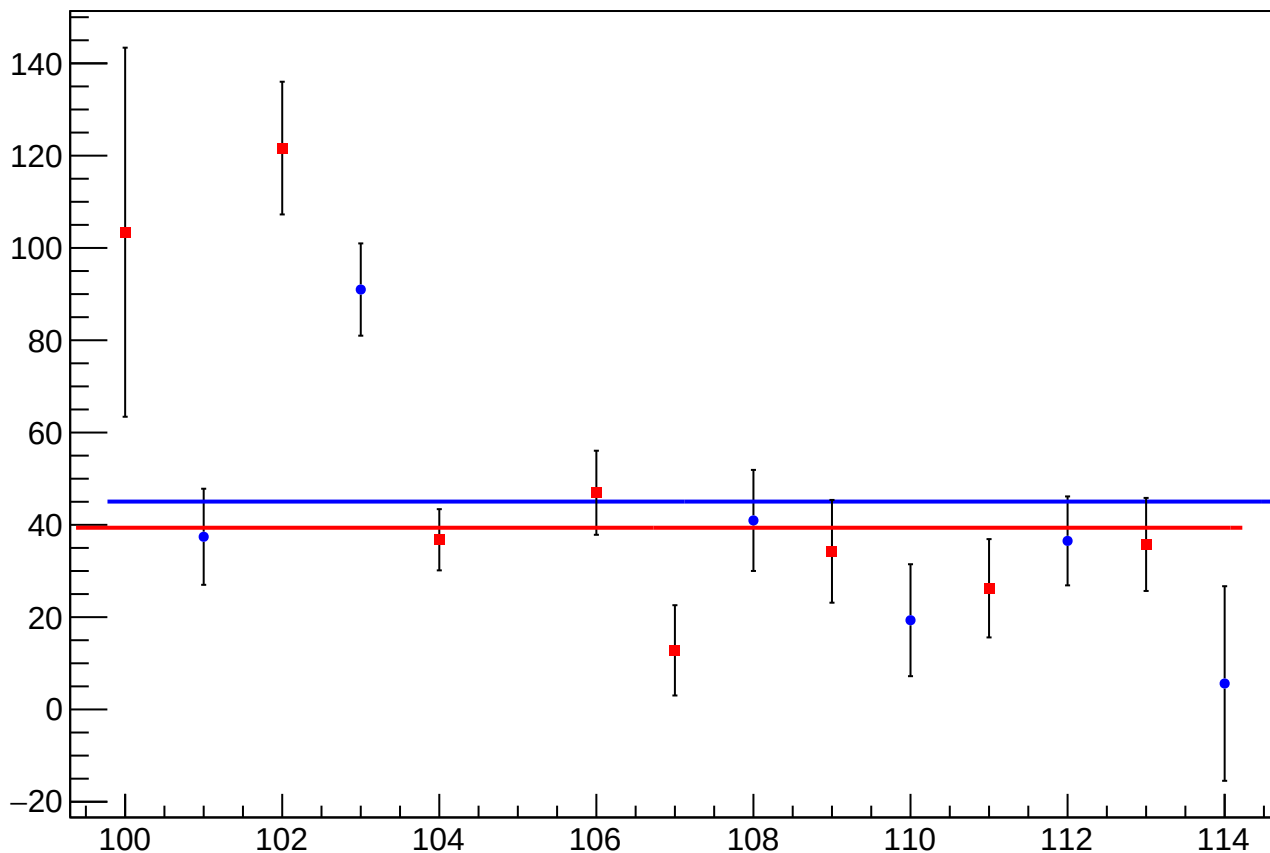
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.111+/-2.384 χ^2/NDF : 740.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 45.044 $\pm$ 4.594 χ^2 /NDF: 30.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.374 $\pm$ 3.594 χ^2 /NDF: 45.4/7

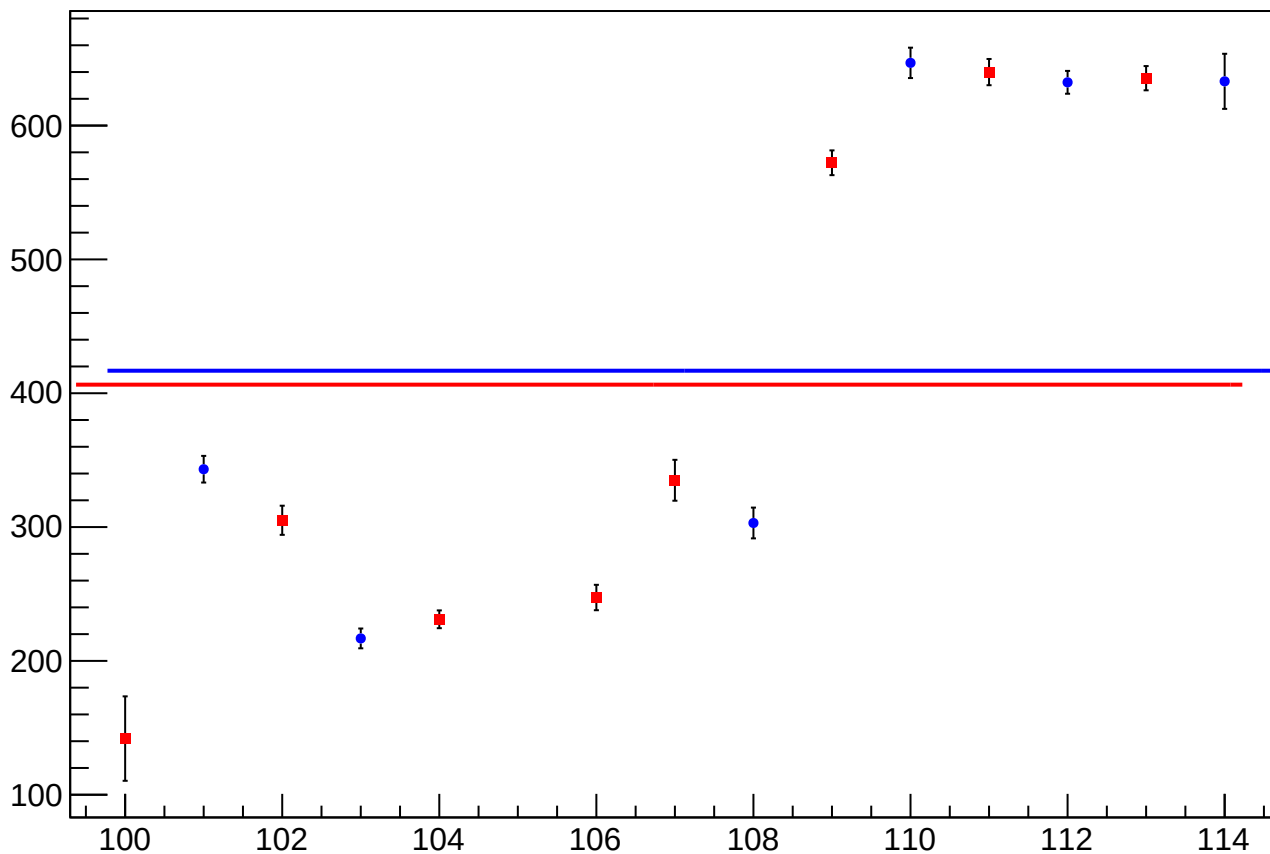
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.527 $\pm$ 2.831 χ^2 /NDF: 76.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 416.829 $\pm$ 4.090 χ^2 /NDF: 2042.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 406.411 $\pm$ 3.497 χ^2 /NDF: 2684.6/7

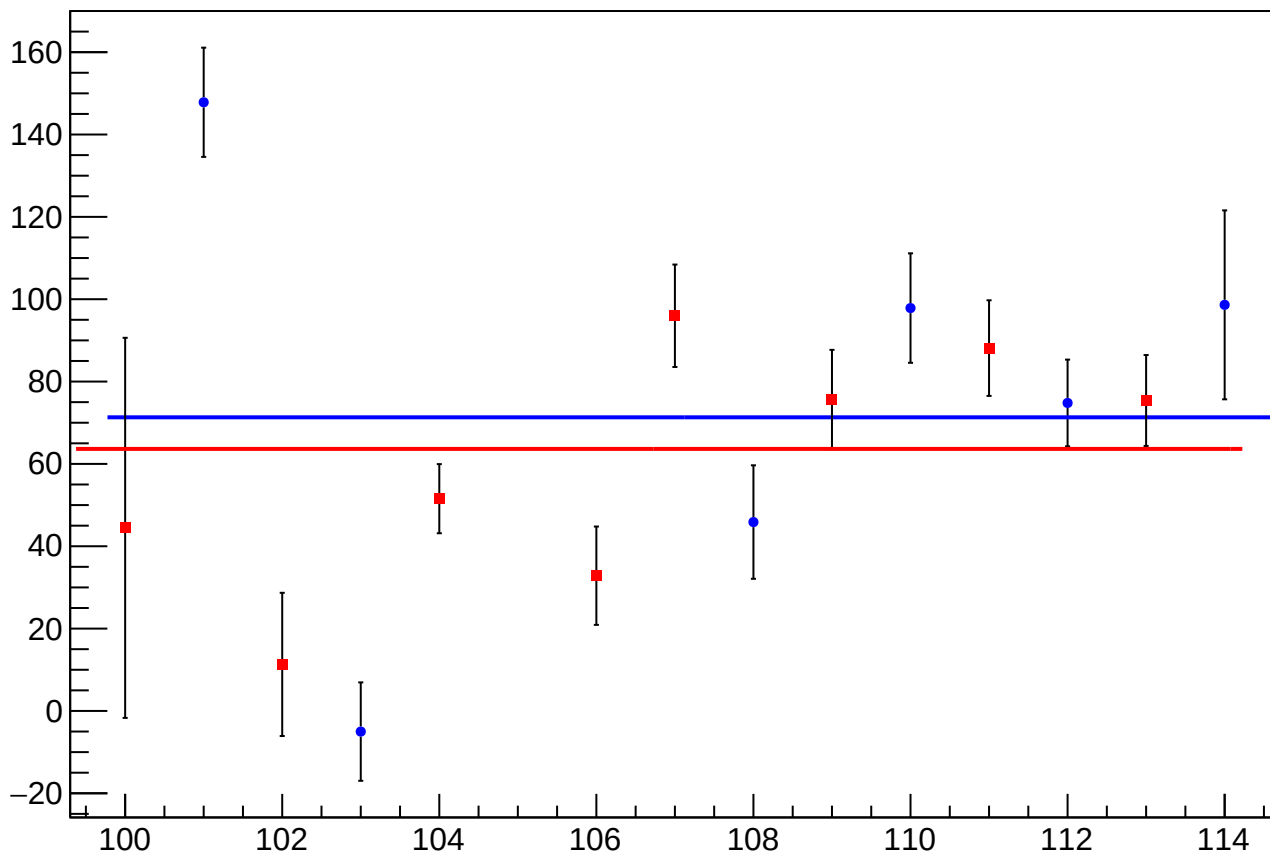
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 410.810 $\pm$ 2.658 χ^2 /NDF: 4730.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 71.317 $\pm$ 5.382 χ^2 /NDF: 83.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.643 $\pm$ 4.306 χ^2 /NDF: 31.3/7

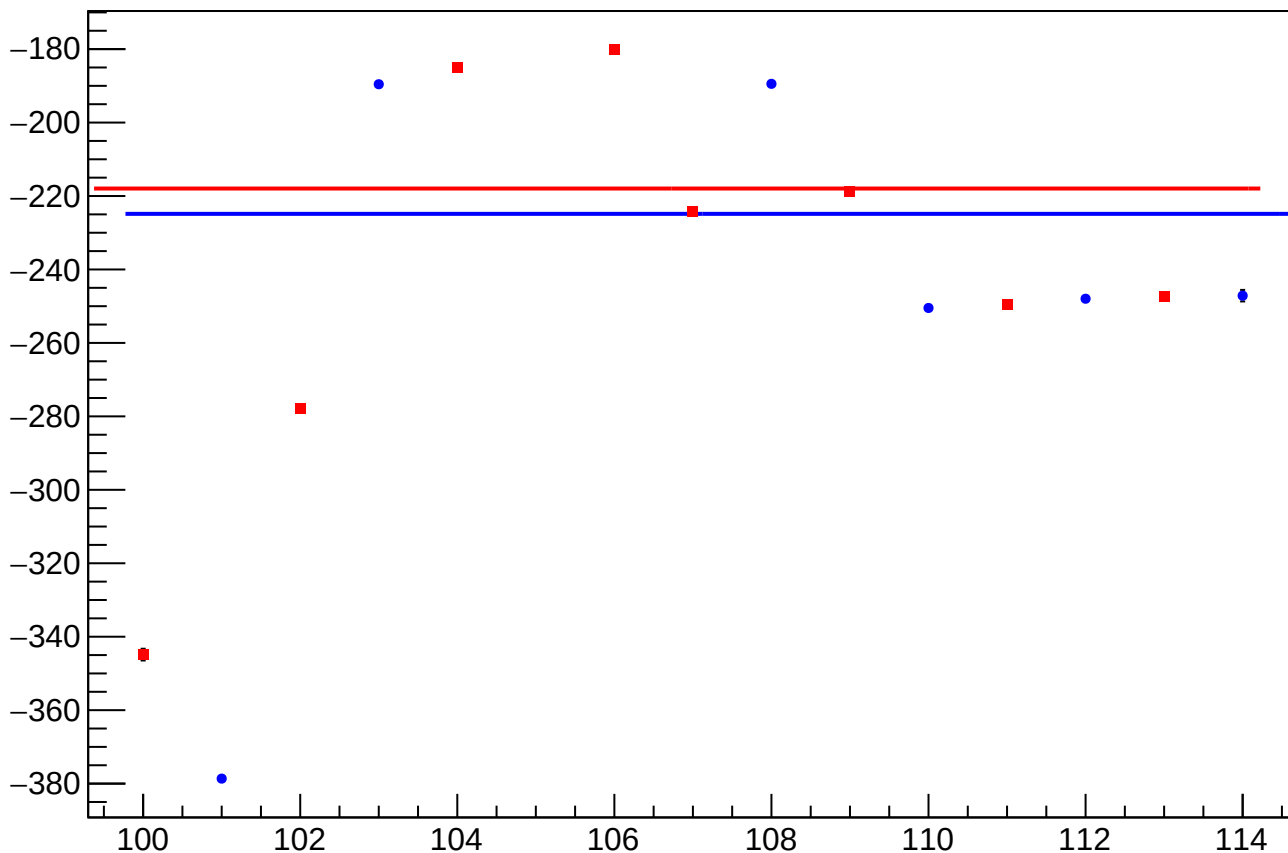
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.638 $\pm$ 3.362 χ^2 /NDF: 115.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -224.856+/-0.216 χ^2/NDF : 87566.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.962+/-0.193 χ^2/NDF : 41675.0/7

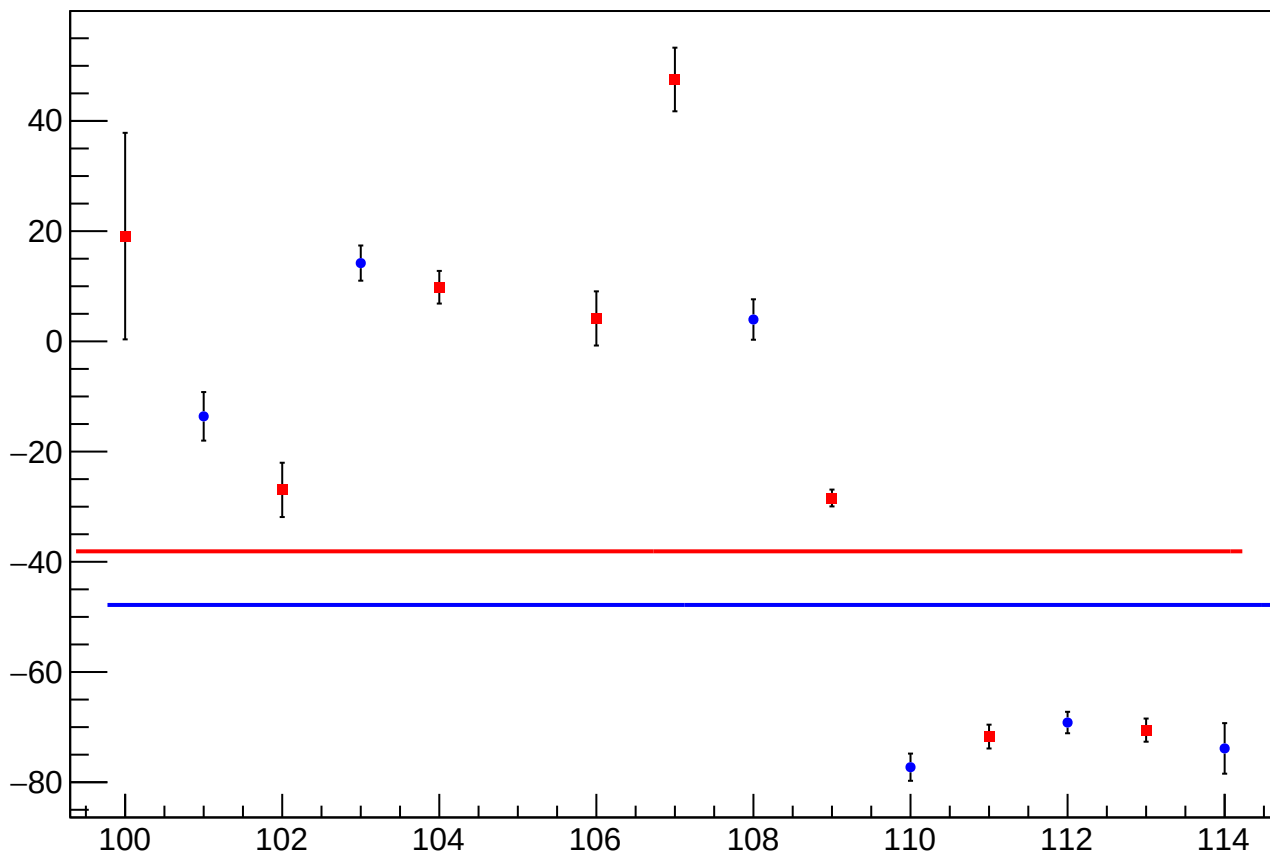
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.019+/-0.144 χ^2/NDF : 129808.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -47.829 $\pm$ 1.196 χ^2 /NDF: 931.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.101 $\pm$ 0.954 χ^2 /NDF: 1090.7/7

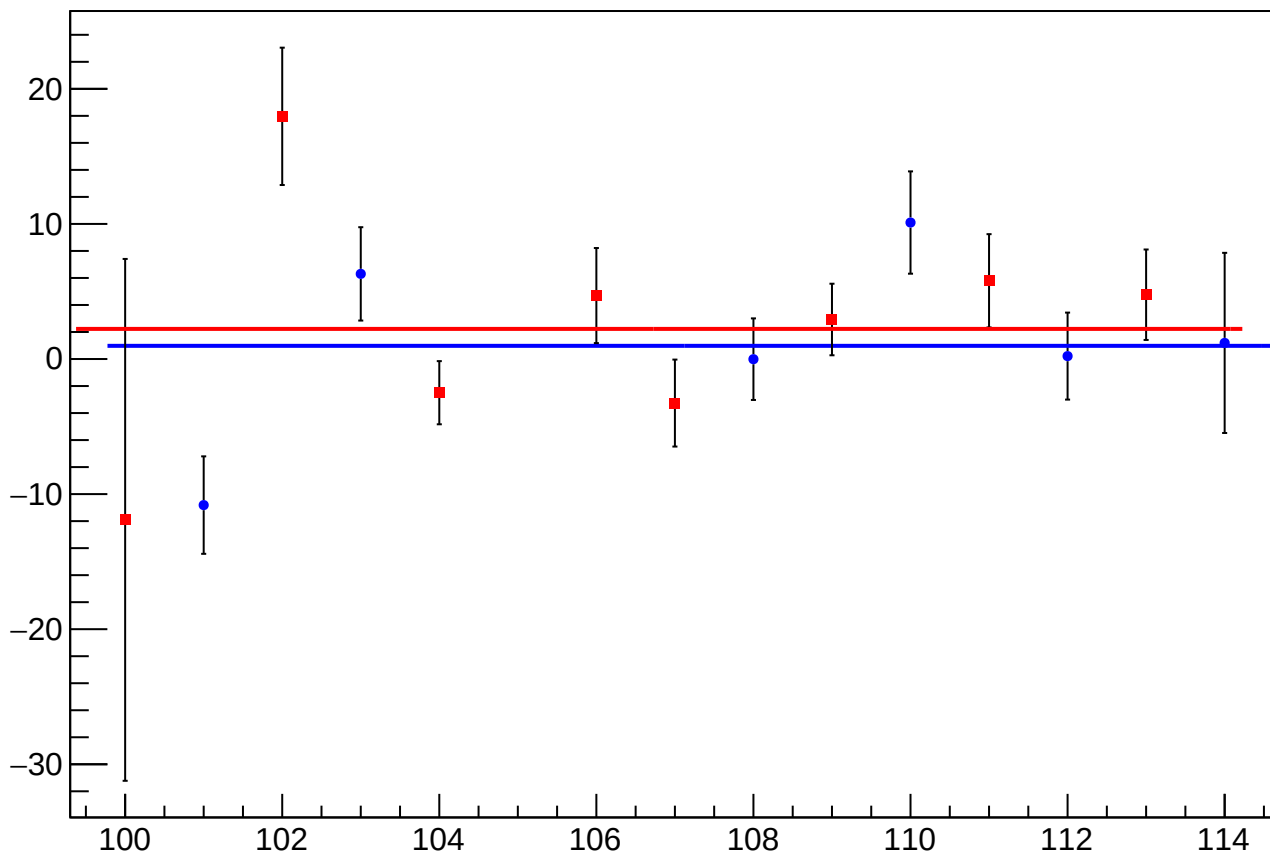
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.884 $\pm$ 0.746 χ^2 /NDF: 2063.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: 0.976 $\pm$ 1.476 χ^2 /NDF: 19.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.229 $\pm$ 1.181 χ^2 /NDF: 19.3/7

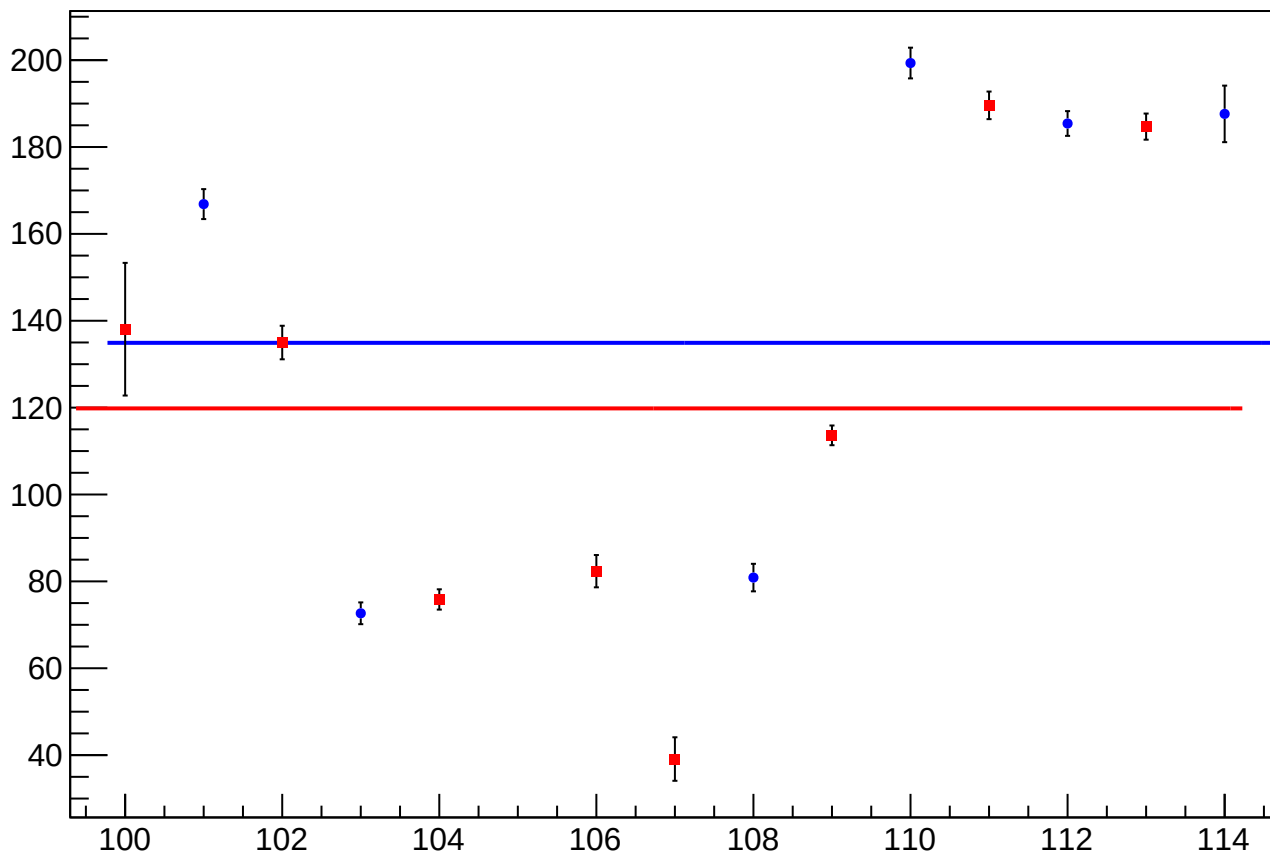
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.740 $\pm$ 0.922 χ^2 /NDF: 38.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 134.918 $\pm$ 1.325 χ^2 /NDF: 1705.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.822 $\pm$ 1.139 χ^2 /NDF: 1687.7/7

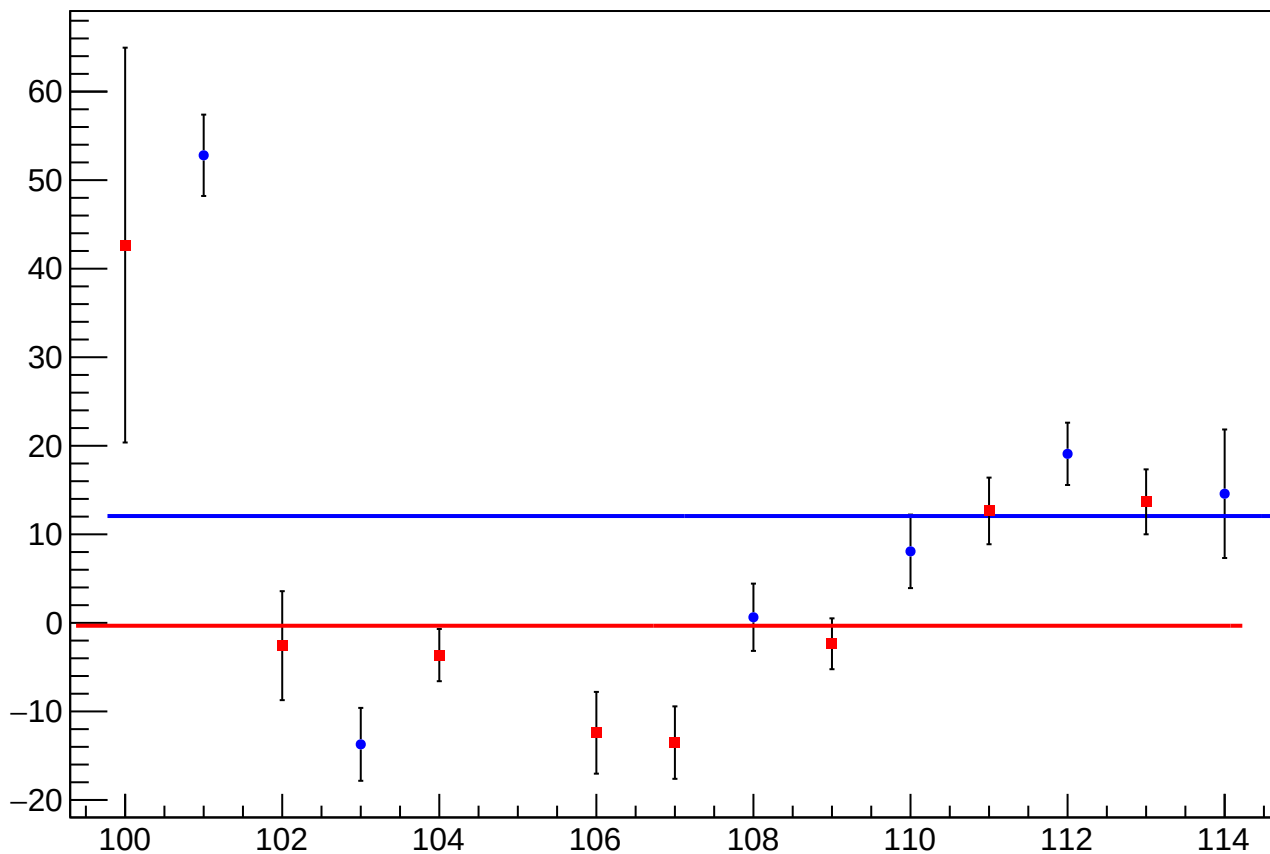
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.238 $\pm$ 0.864 χ^2 /NDF: 3467.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 12.066 $\pm$ 1.732 χ^2 /NDF: 132.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.324 $\pm$ 1.392 χ^2 /NDF: 49.3/7

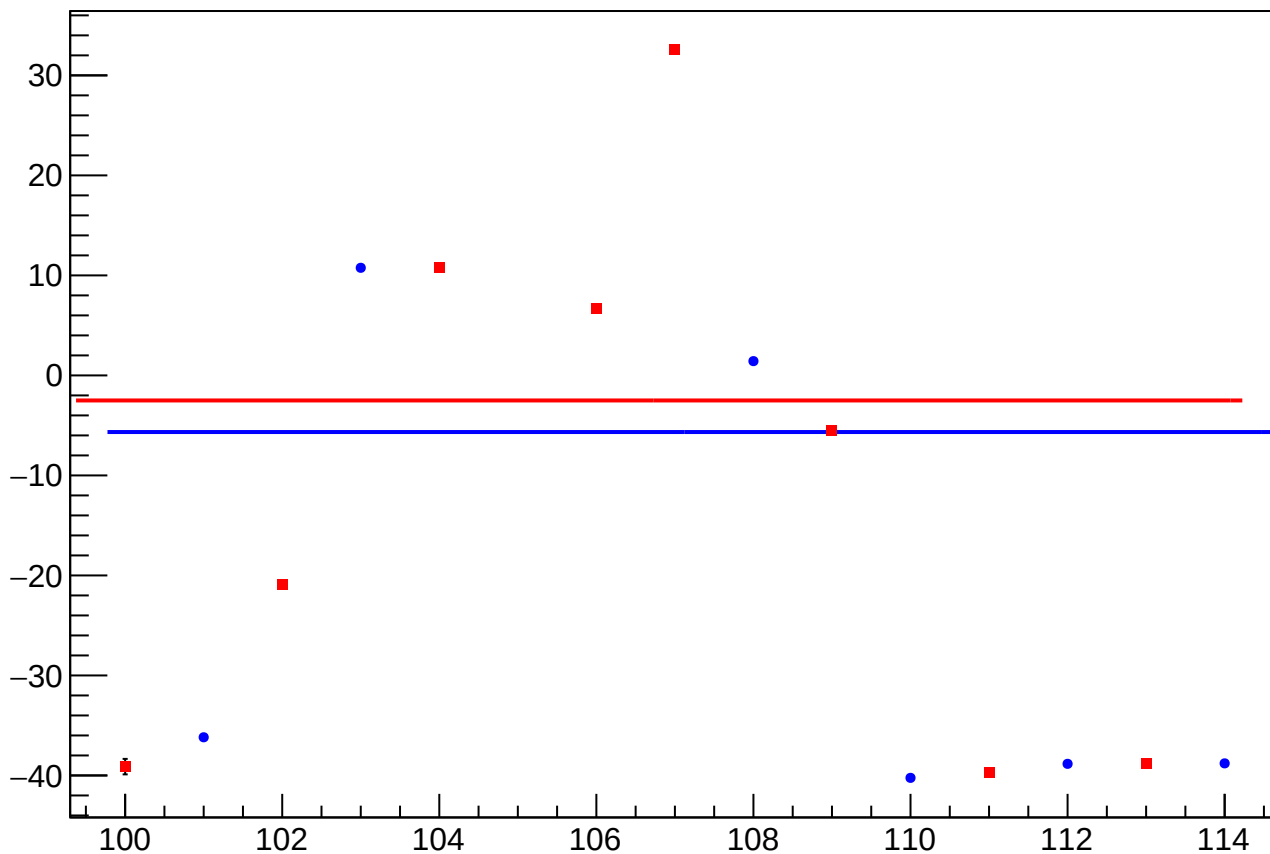
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.538 $\pm$ 1.085 χ^2 /NDF: 212.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -5.662 ± 0.069 χ^2/NDF : 90063.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.504 ± 0.065 χ^2/NDF : 107933.0/7

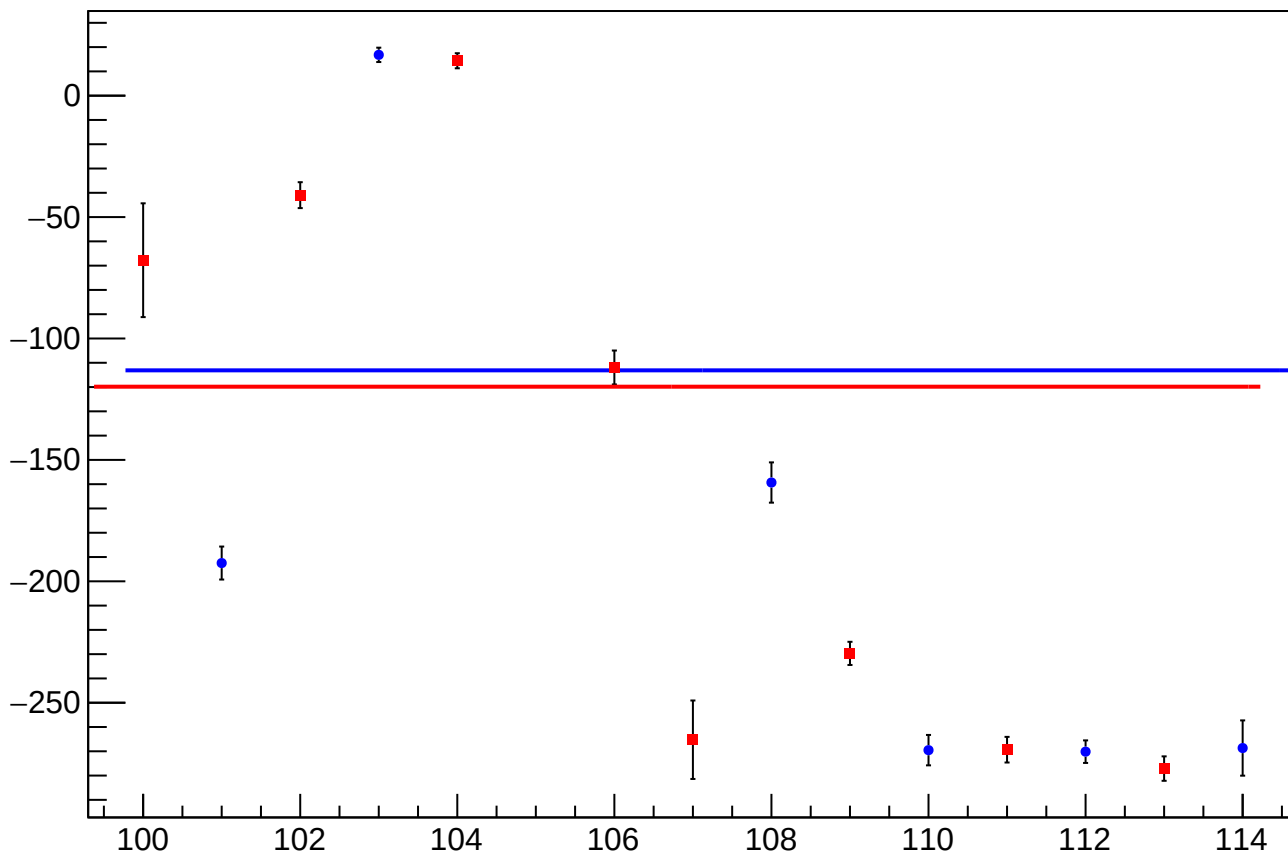
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.982 ± 0.047 χ^2/NDF : 199112.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -113.117 $\pm$ 2.084 χ^2 /NDF: 4052.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -119.850 $\pm$ 1.875 χ^2 /NDF: 4486.1/7

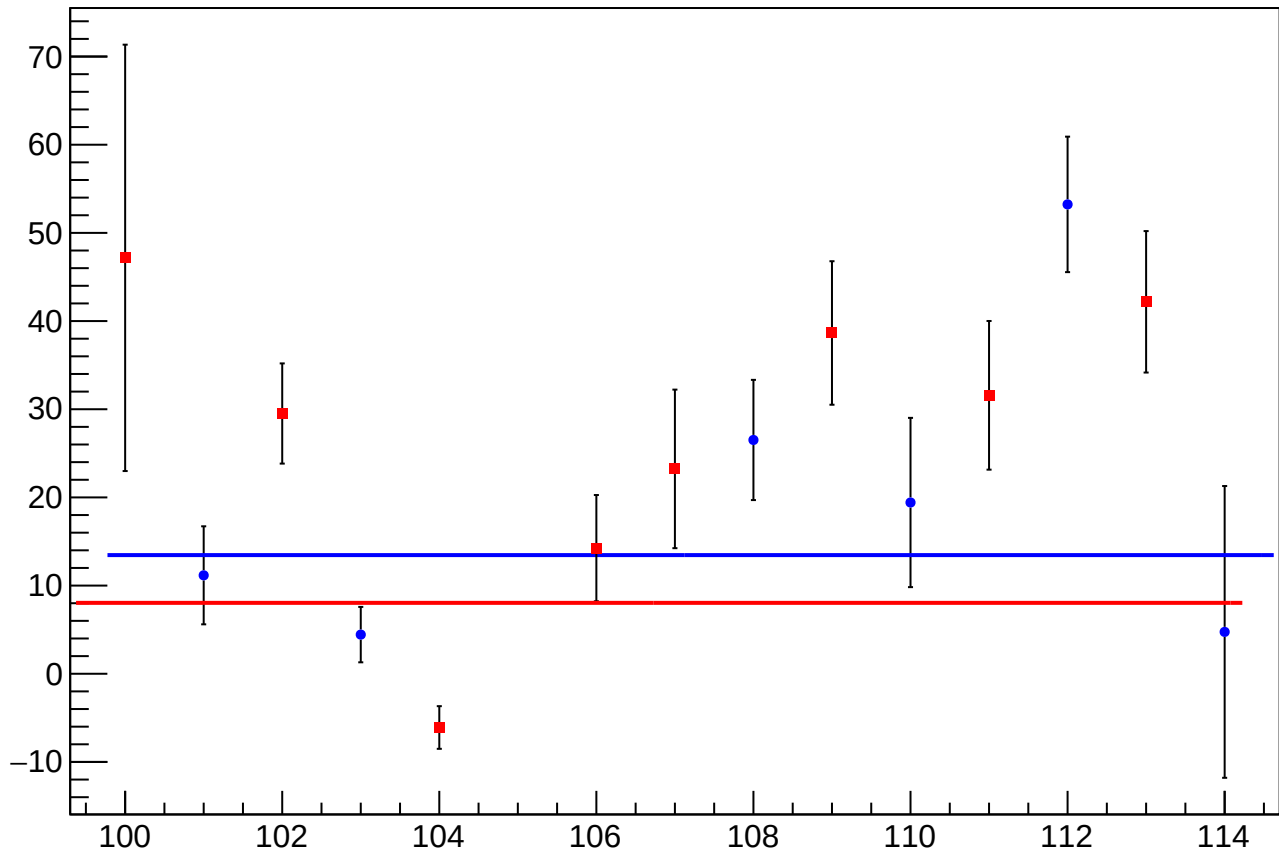
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -116.839 $\pm$ 1.394 χ^2 /NDF: 8544.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 13.458 $\pm$ 2.315 χ^2 /NDF: 39.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.041 $\pm$ 1.863 χ^2 /NDF: 95.0/7

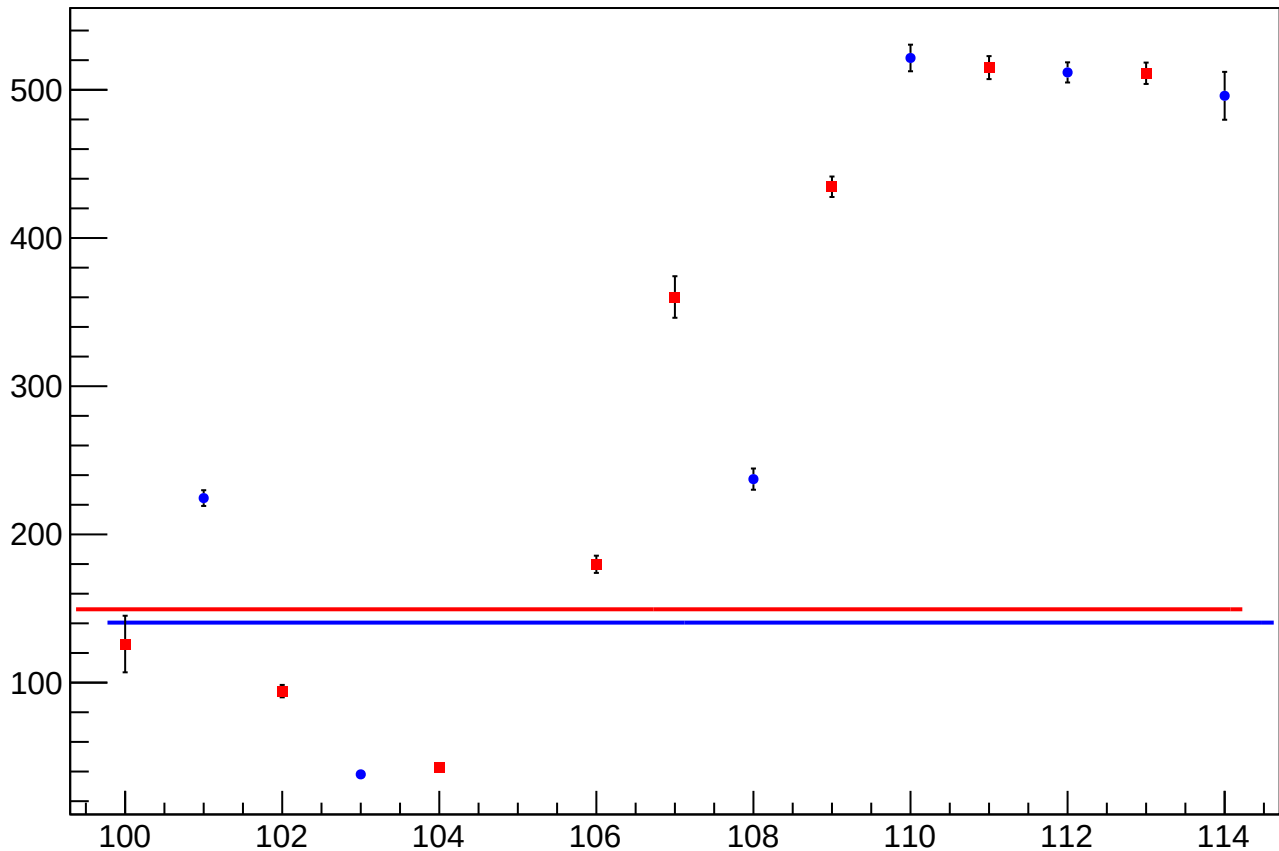
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.170 $\pm$ 1.451 χ^2 /NDF: 137.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 140.492 $\pm$ 1.896 χ^2 /NDF: 7643.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.477 $\pm$ 1.773 χ^2 /NDF: 8766.6/7

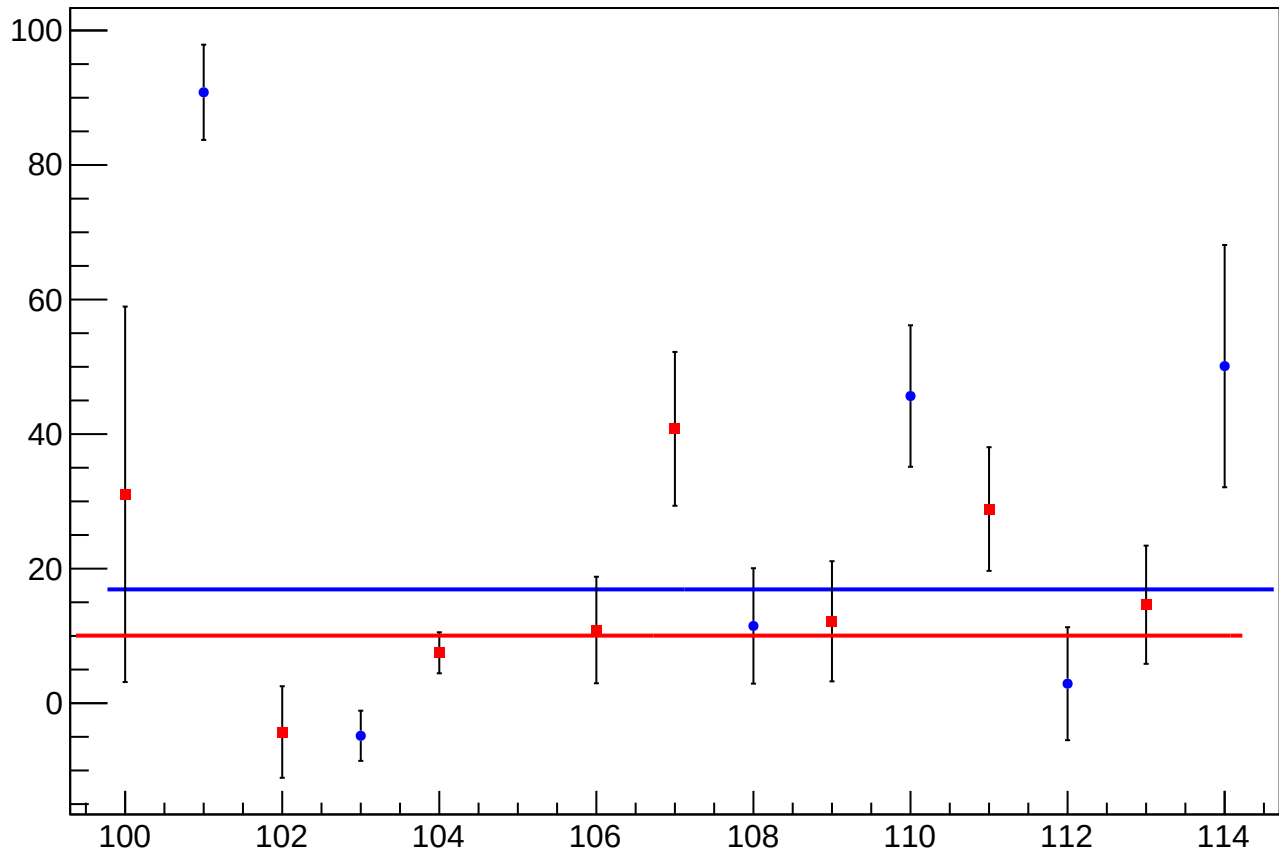
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.286 $\pm$ 1.295 χ^2 /NDF: 16421.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 16.915 $\pm$ 2.755 χ^2 /NDF: 157.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.047 $\pm$ 2.286 χ^2 /NDF: 17.5/7

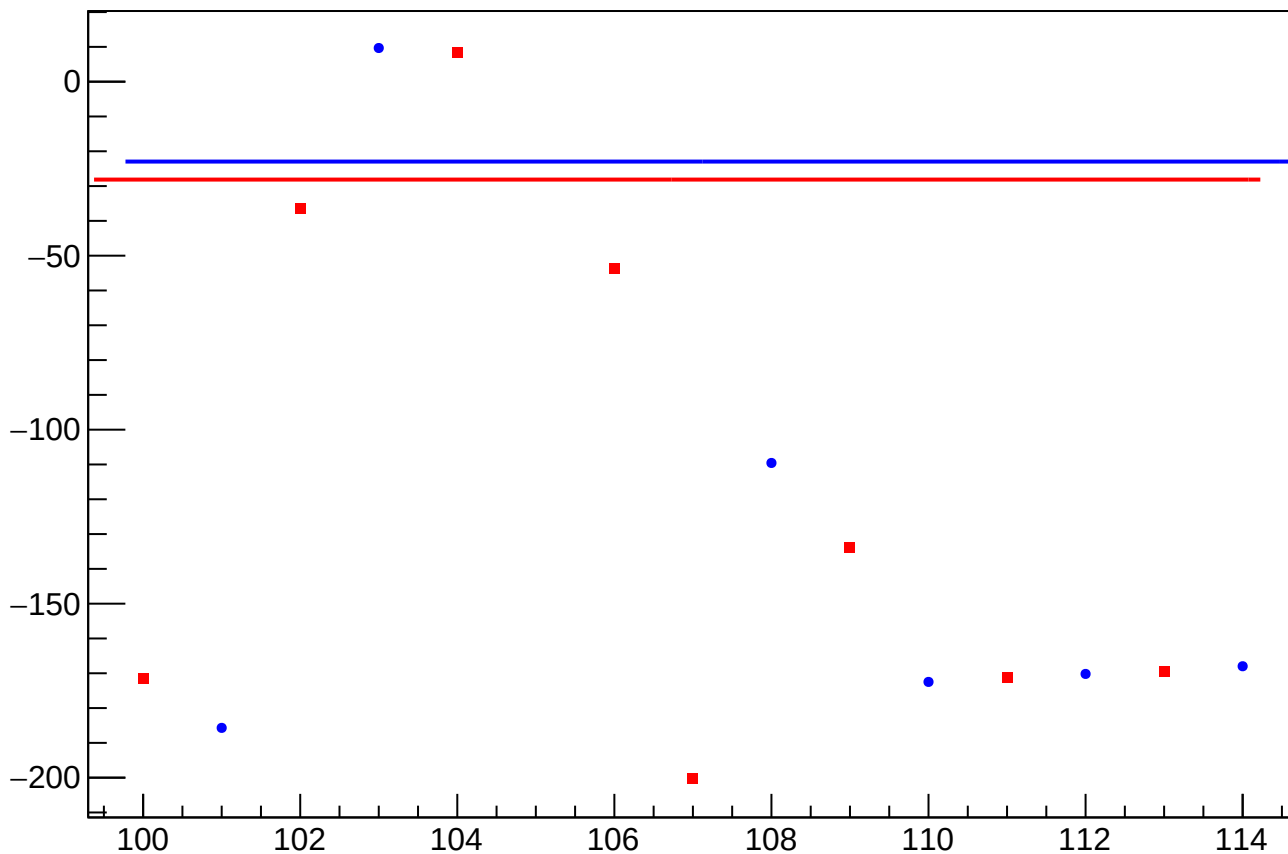
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.847 $\pm$ 1.759 χ^2 /NDF: 178.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -22.958 ± 0.086 $\chi^2/\text{NDF}: 595799.5/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.134 ± 0.086 $\chi^2/\text{NDF}: 400524.5/7$

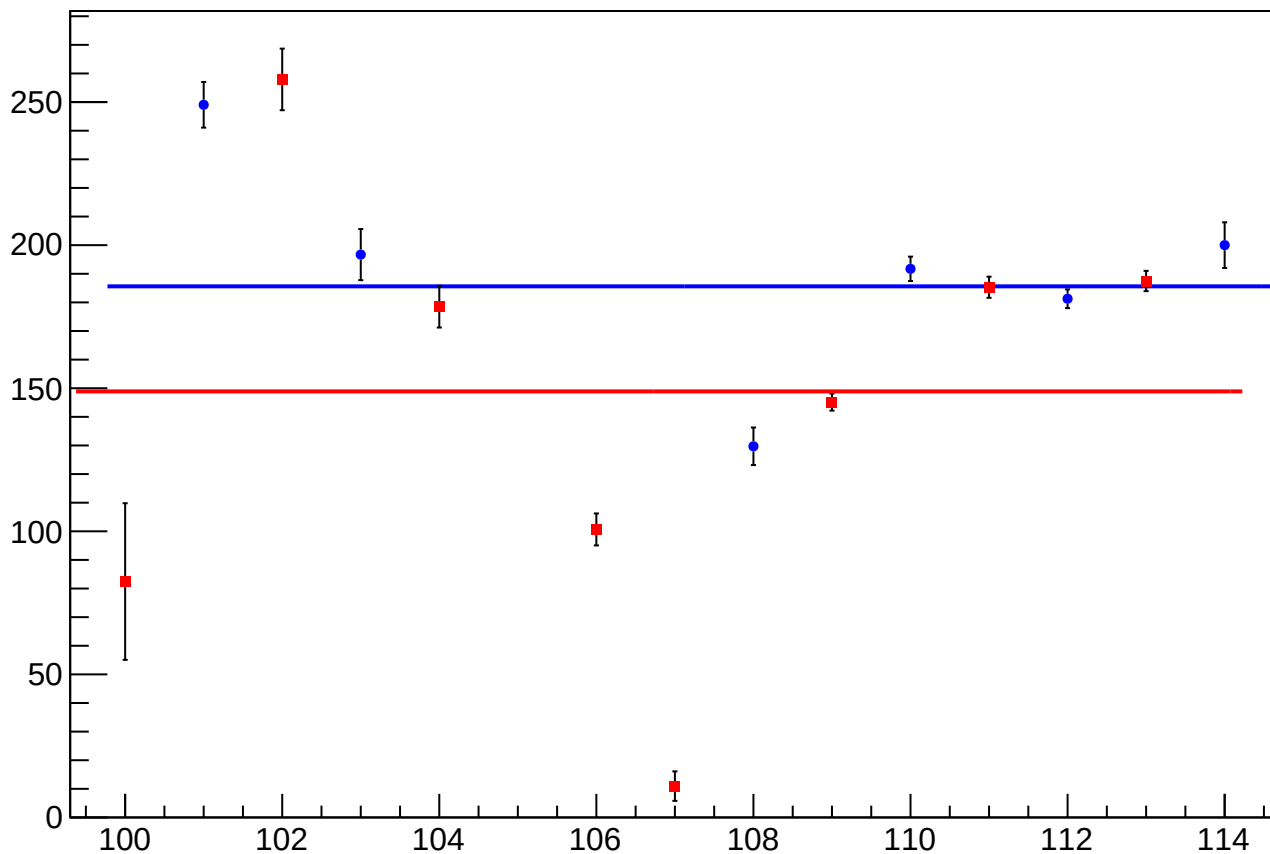
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -25.549 ± 0.061 $\chi^2/\text{NDF}: 998136.3/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 185.605 $\pm$ 2.154 χ^2 /NDF: 144.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.895 $\pm$ 1.659 χ^2 /NDF: 1131.2/7

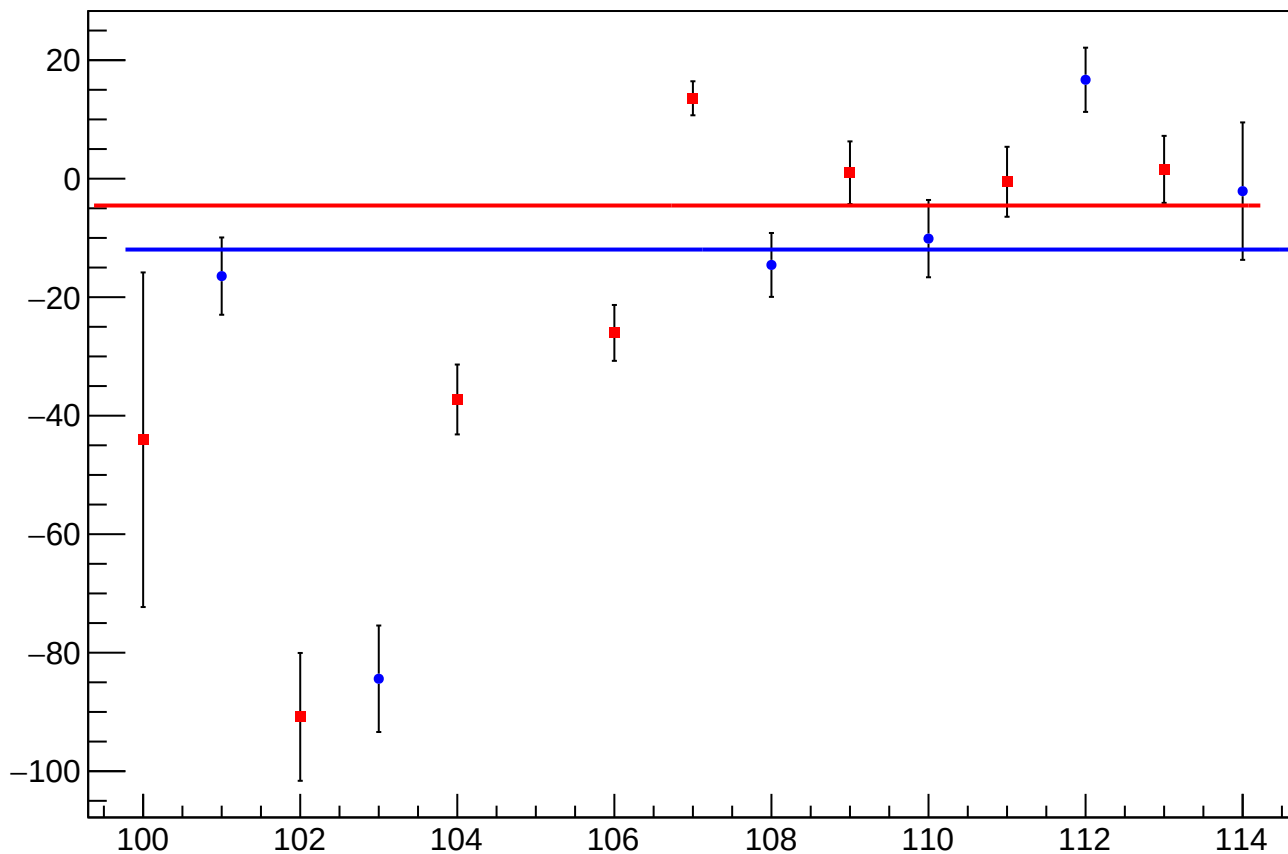
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.564 $\pm$ 1.314 χ^2 /NDF: 1458.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: -11.961 ± 2.719 $\chi^2/\text{NDF}: 94.4/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.529 ± 1.824 $\chi^2/\text{NDF}: 160.0/7$

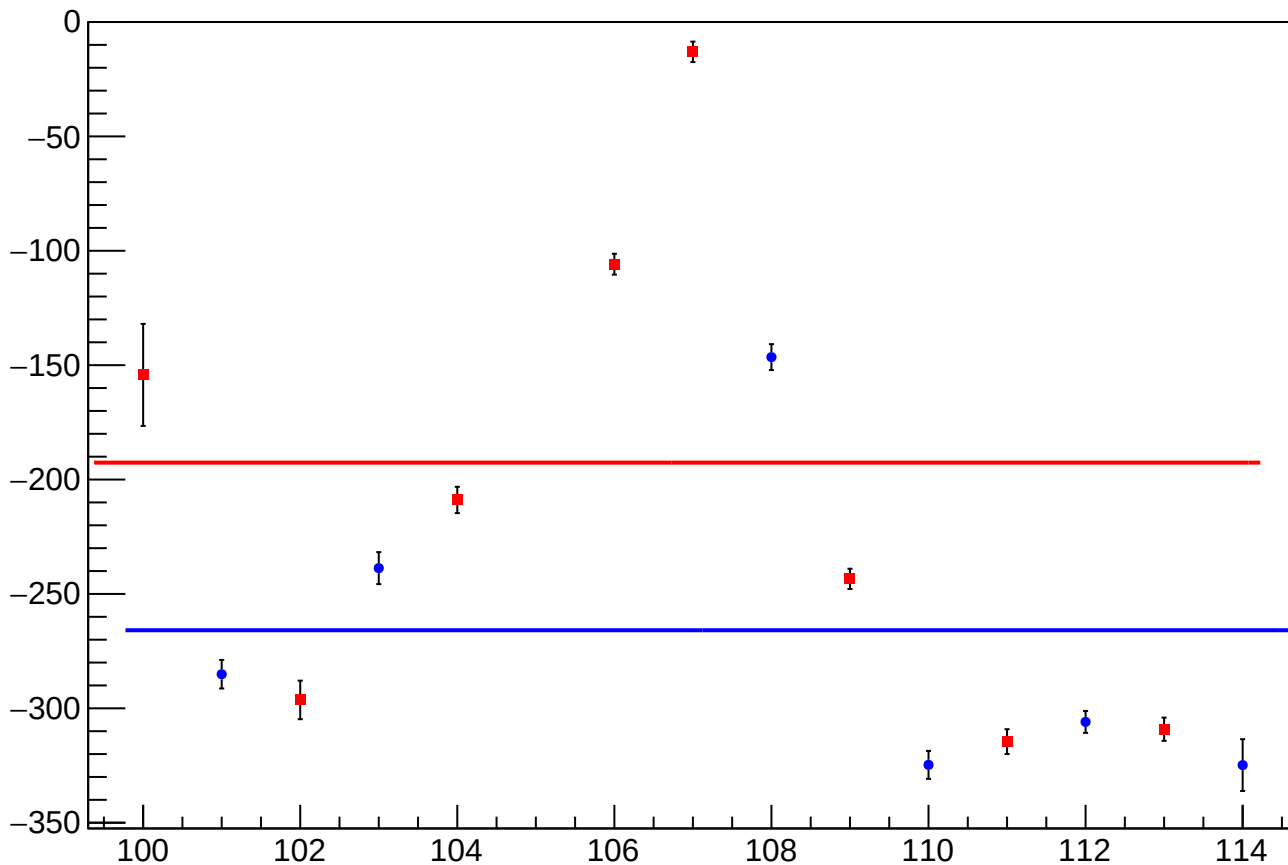
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.835 ± 1.515 $\chi^2/\text{NDF}: 259.6/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -265.874+/-2.537 χ^2/NDF : 658.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.597+/-1.932 χ^2/NDF : 3294.8/7

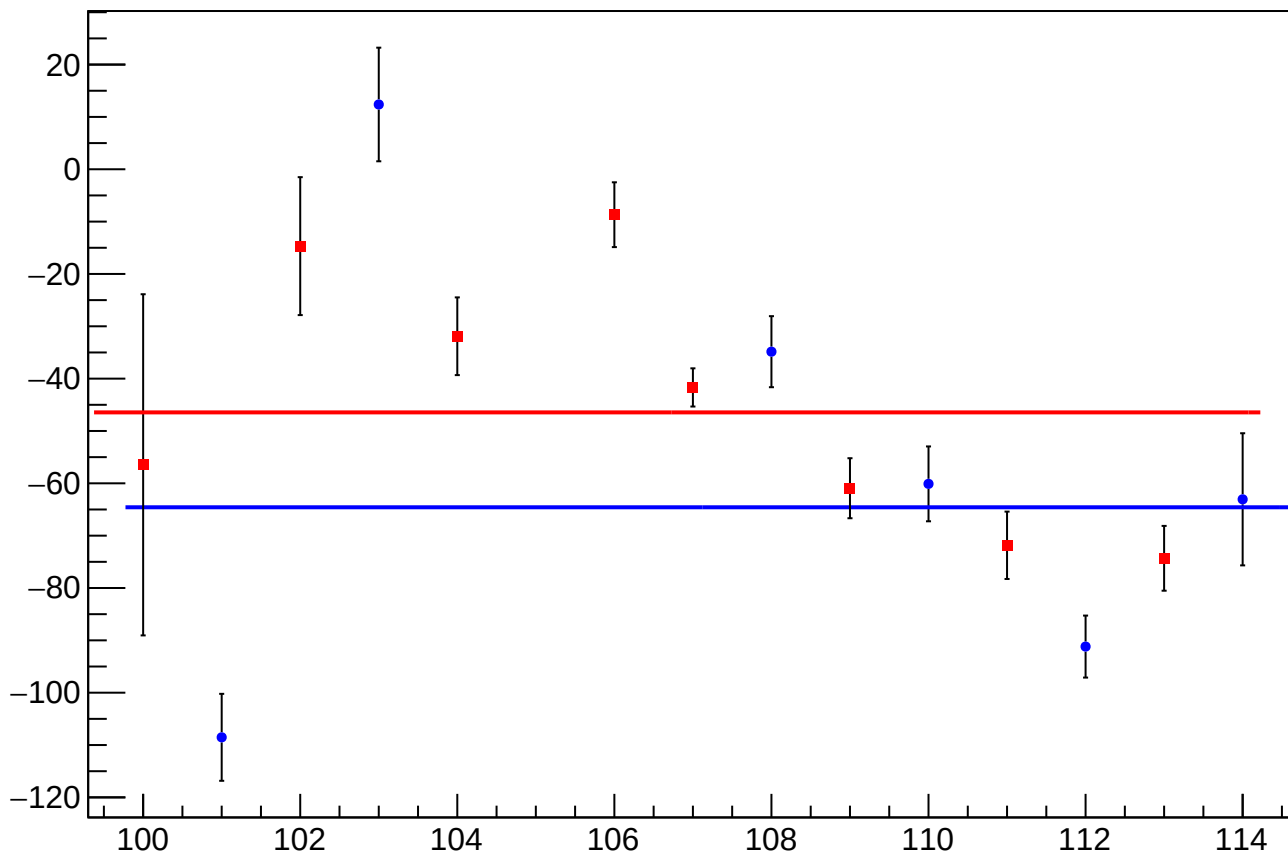
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.501+/-1.537 χ^2/NDF : 4480.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -64.578 ± 3.178 χ^2/NDF : 118.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.449 ± 2.199 χ^2/NDF : 90.9/7

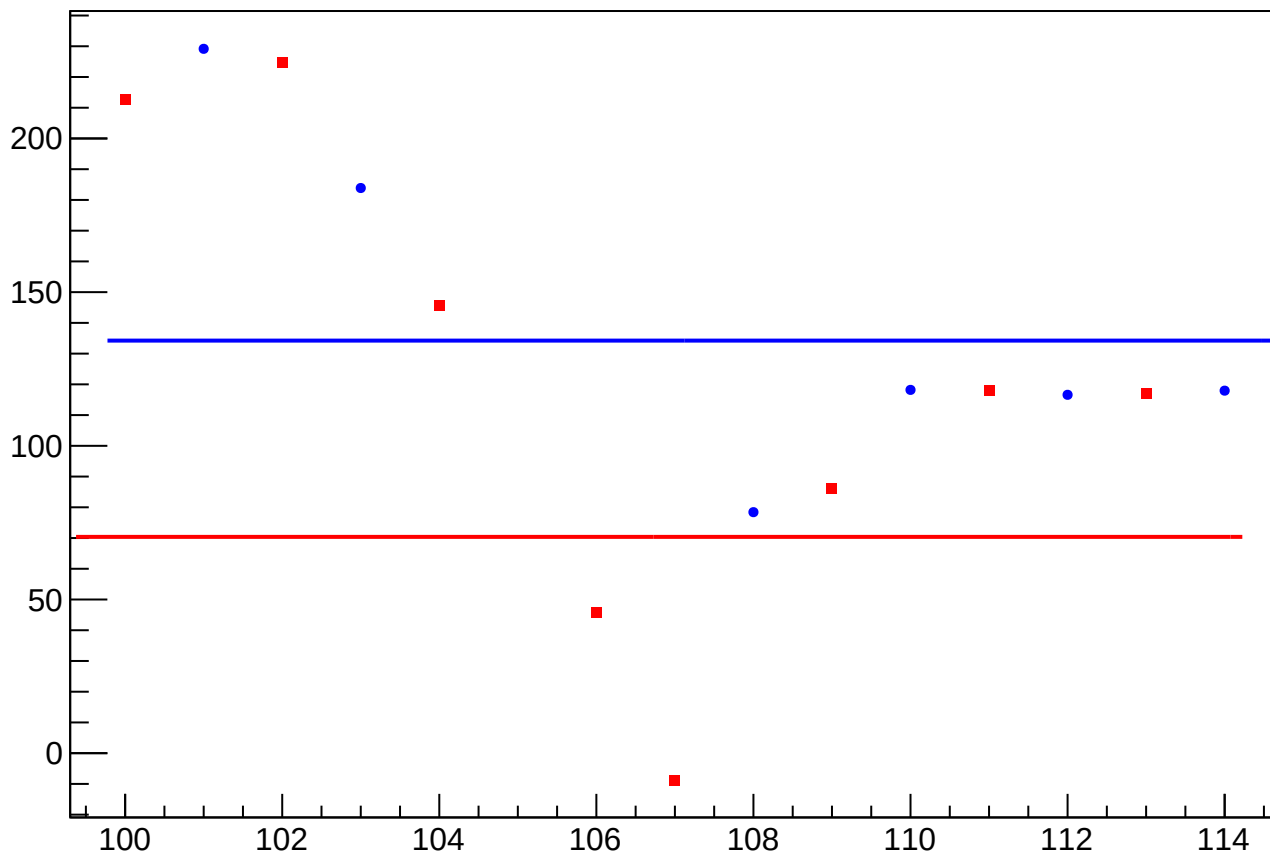
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.321 ± 1.808 χ^2/NDF : 231.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 134.235 $\pm$ 0.142 χ^2 /NDF: 154143.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.375 $\pm$ 0.103 χ^2 /NDF: 492691.2/7

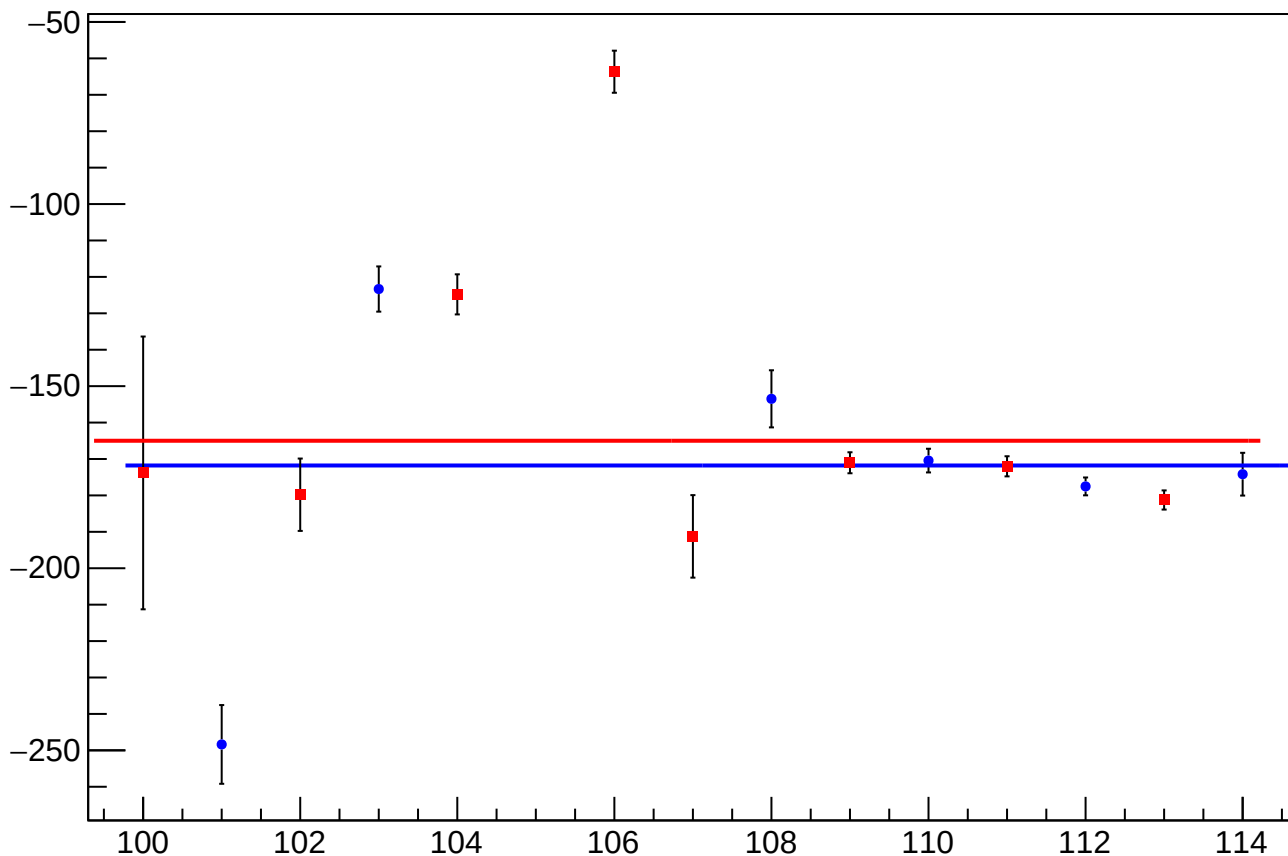
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.262 $\pm$ 0.083 χ^2 /NDF: 779073.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -171.784 $\pm$ 1.713 χ^2 /NDF: 122.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -164.993 $\pm$ 1.447 χ^2 /NDF: 417.4/7

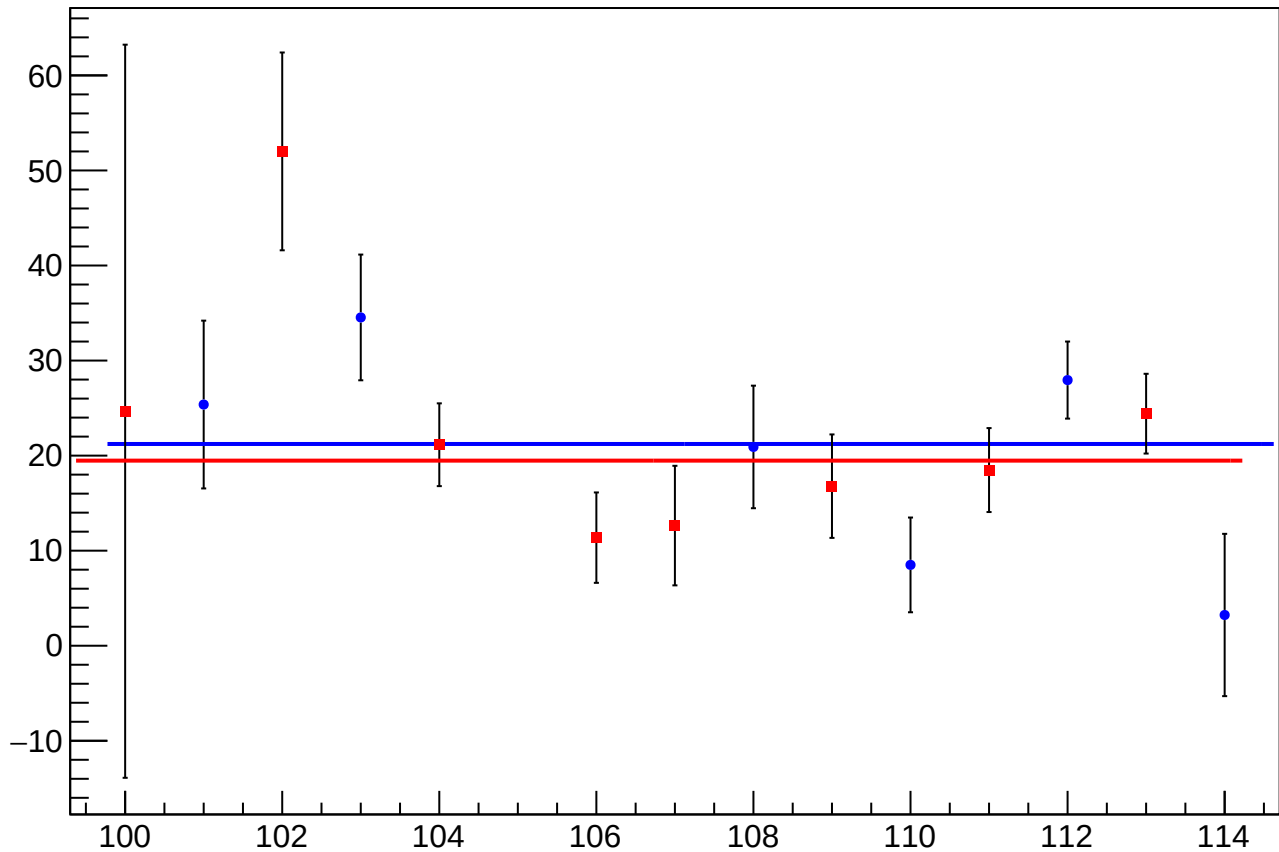
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -167.822 $\pm$ 1.105 χ^2 /NDF: 549.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 21.225 $\pm$ 2.393 χ^2 /NDF: 18.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.473 $\pm$ 1.910 χ^2 /NDF: 15.7/7

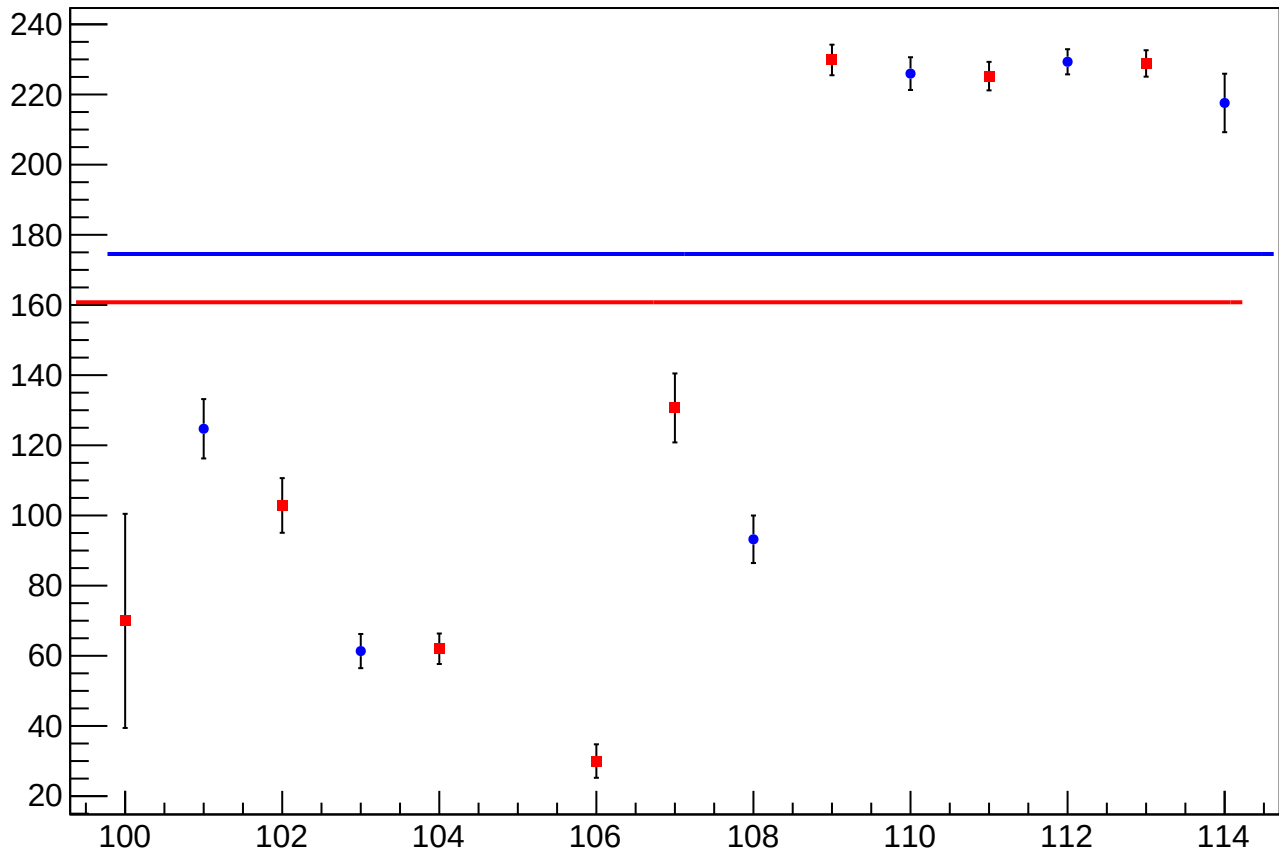
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.155 $\pm$ 1.493 χ^2 /NDF: 34.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 174.536 $\pm$ 2.152 χ^2 /NDF: 1100.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.773 $\pm$ 1.800 χ^2 /NDF: 2170.7/7

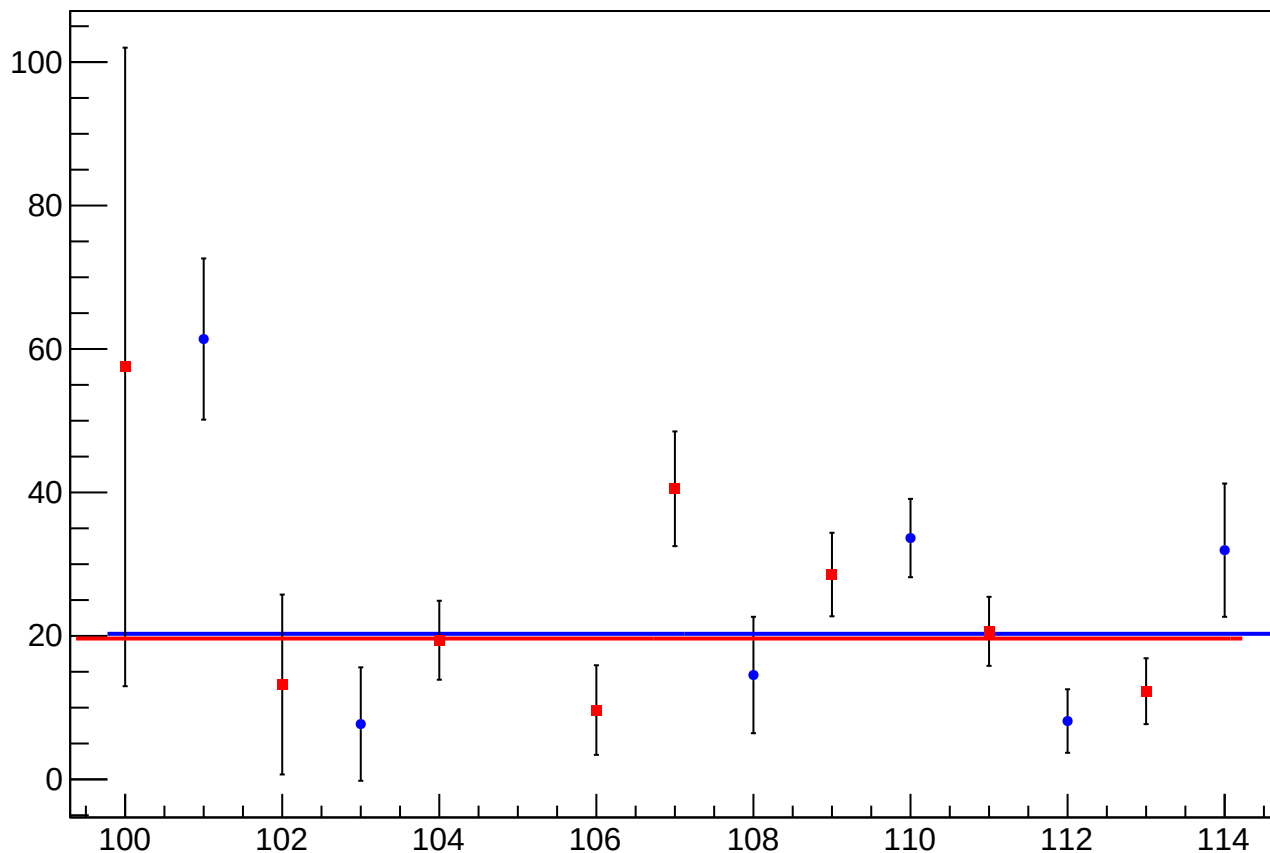
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 166.441 $\pm$ 1.381 χ^2 /NDF: 3295.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 20.293+/-2.720 χ^2/NDF : 31.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.636+/-2.229 χ^2/NDF : 15.3/7

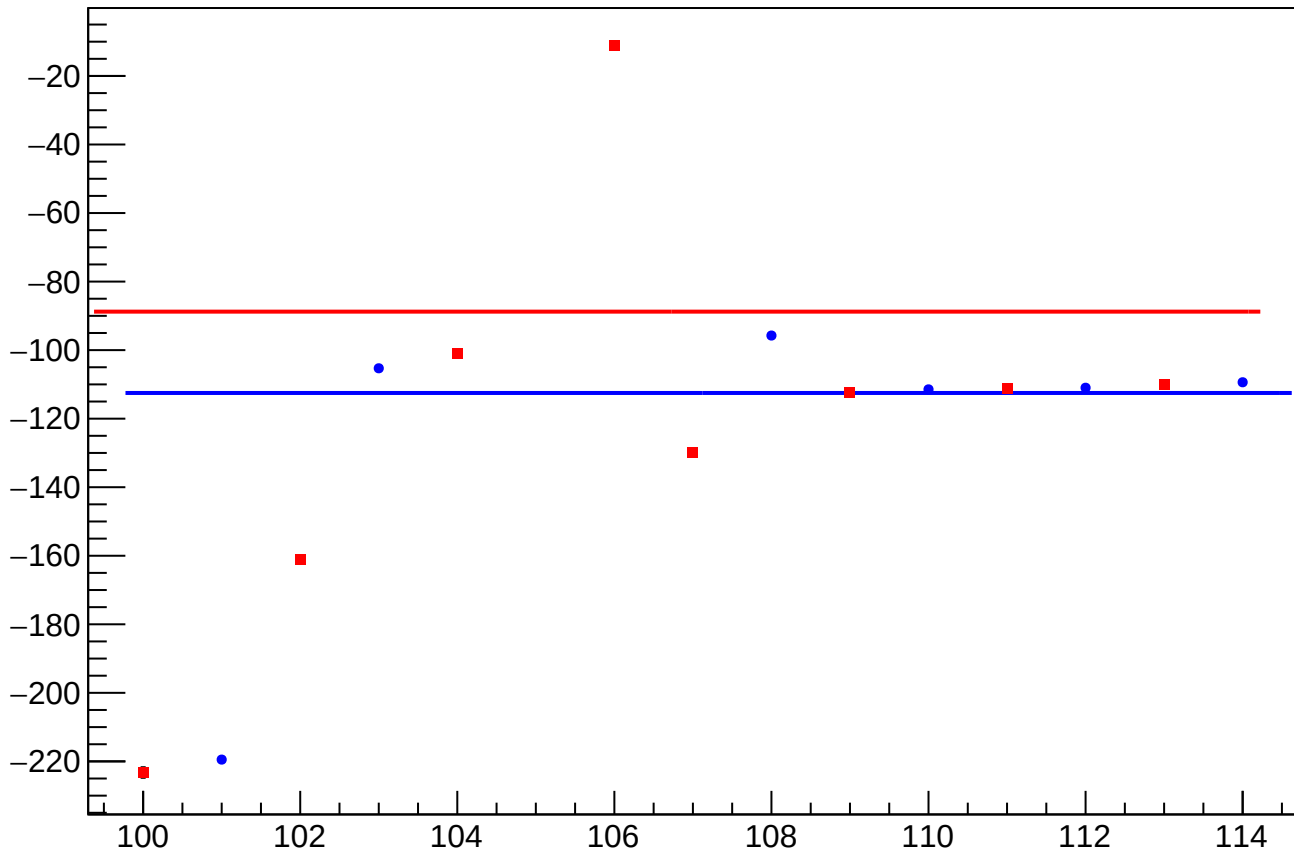
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.900+/-1.724 χ^2/NDF : 46.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -112.501 ± 0.126 χ^2/NDF : 50267.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -88.769 ± 0.103 χ^2/NDF : 235440.0/7

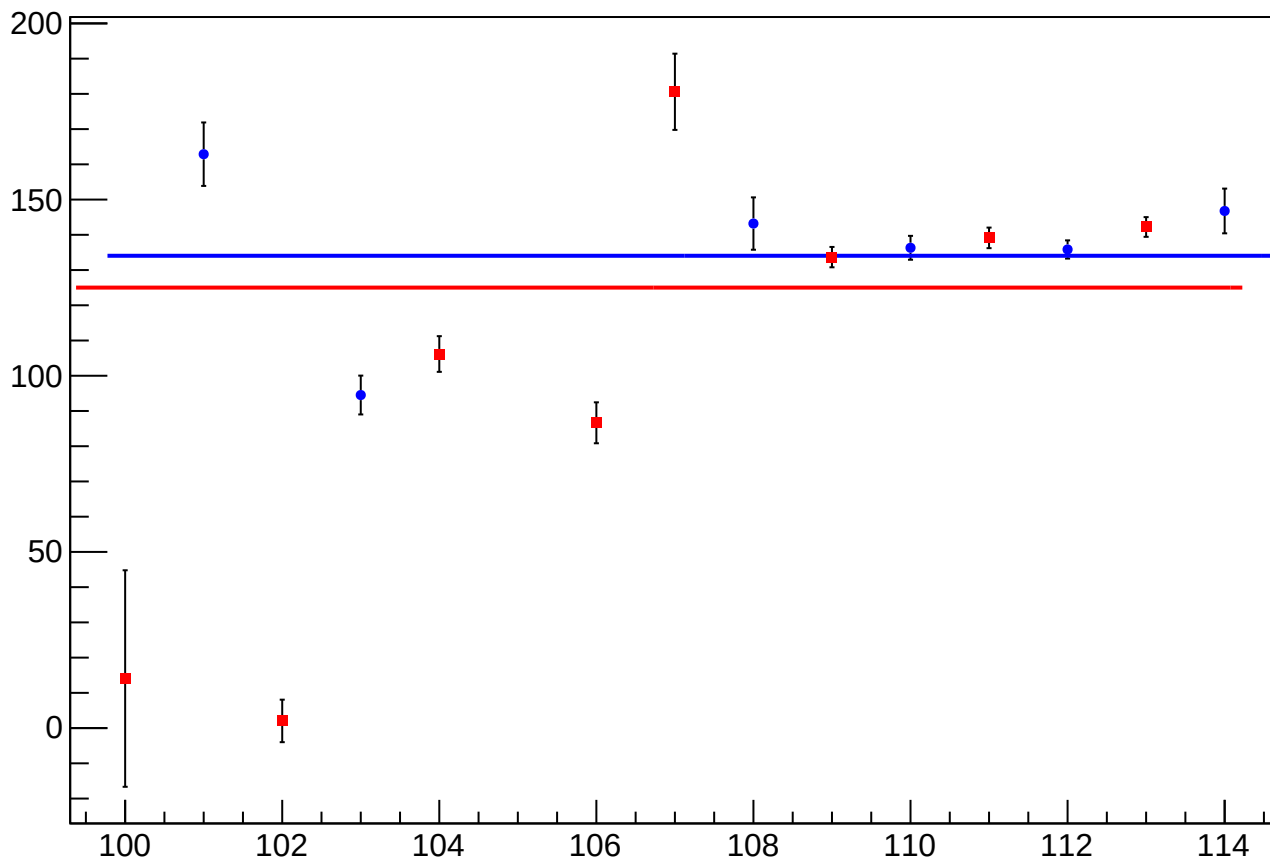
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -98.191 ± 0.080 χ^2/NDF : 306987.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 134.052 $\pm$ 1.754 χ^2 /NDF: 68.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.020 $\pm$ 1.457 χ^2 /NDF: 582.8/7

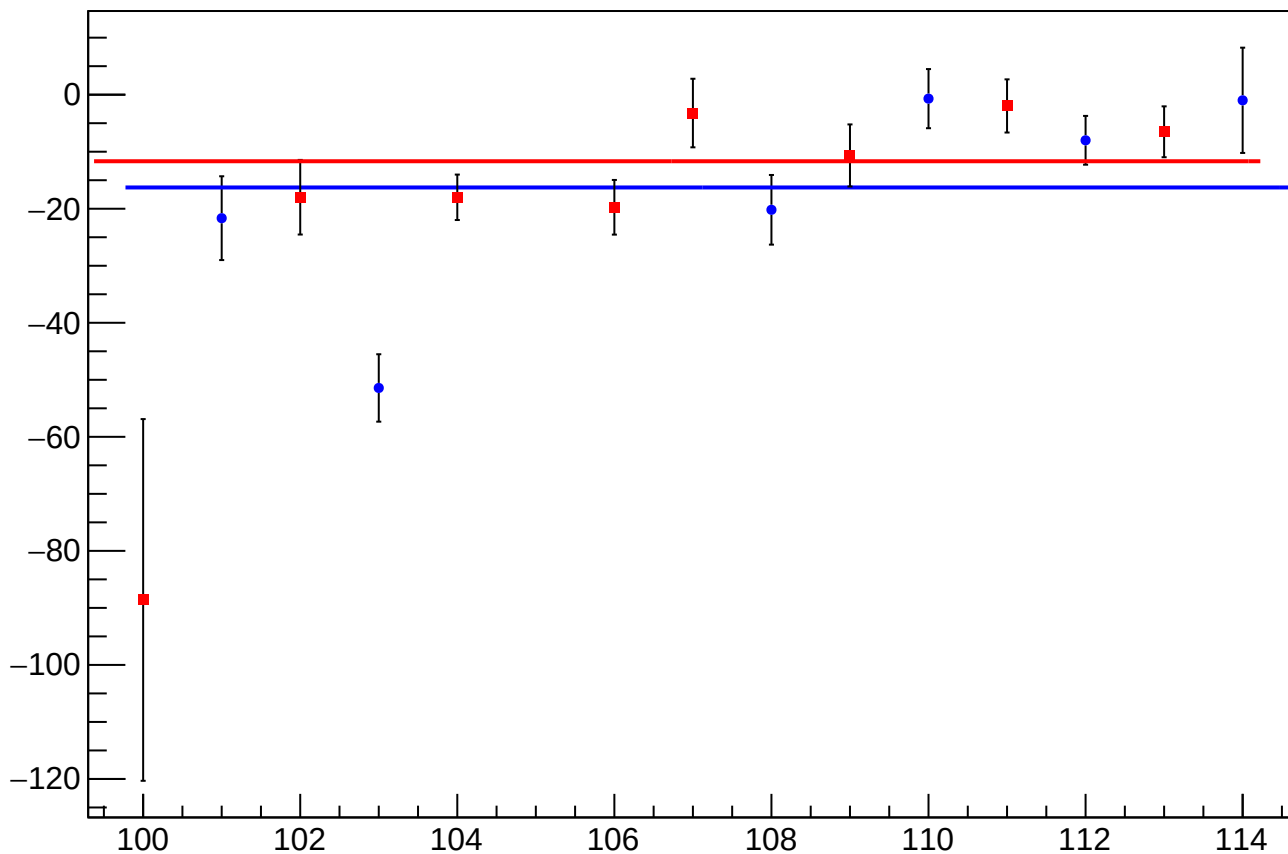
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.707 $\pm$ 1.121 χ^2 /NDF: 666.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: -16.270 ± 2.373 $\chi^2/\text{NDF}: 51.8/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -11.672 ± 1.862 $\chi^2/\text{NDF}: 19.8/7$

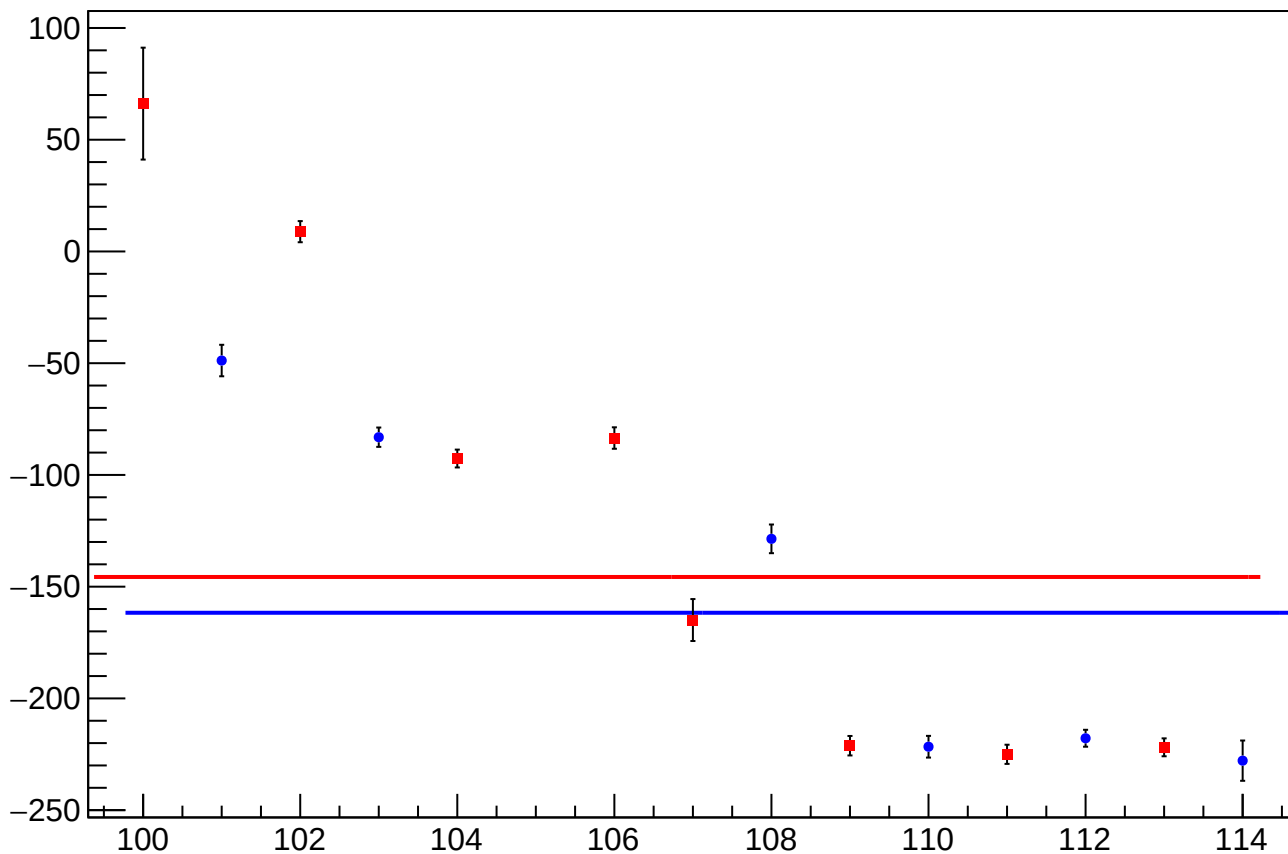
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -13.423 ± 1.465 $\chi^2/\text{NDF}: 74.0/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -161.674 ± 2.121 χ^2/NDF : 1039.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -145.659 ± 1.733 χ^2/NDF : 2491.0/7

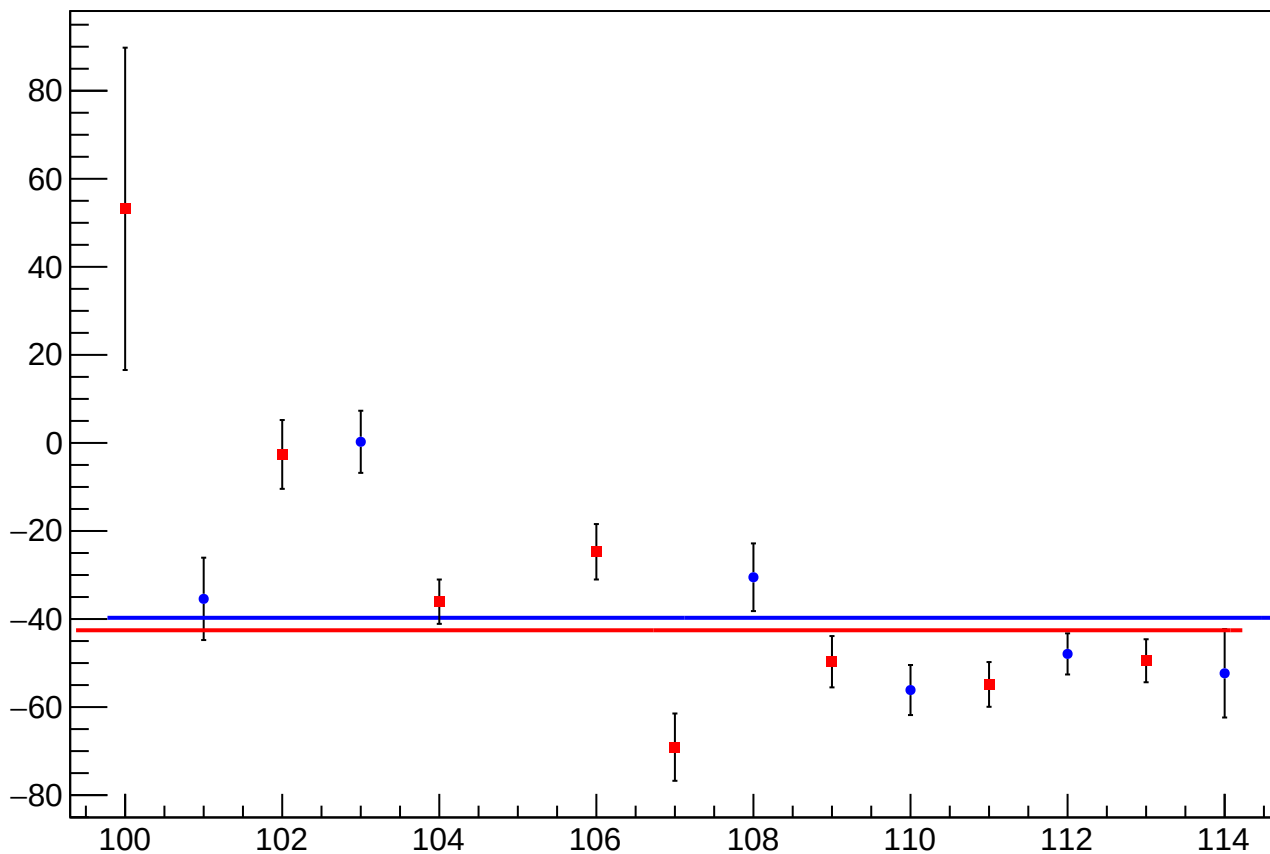
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -152.072 ± 1.342 χ^2/NDF : 3564.6/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -39.722 ± 2.721 χ^2/NDF : 46.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.554 ± 2.188 χ^2/NDF : 64.0/7

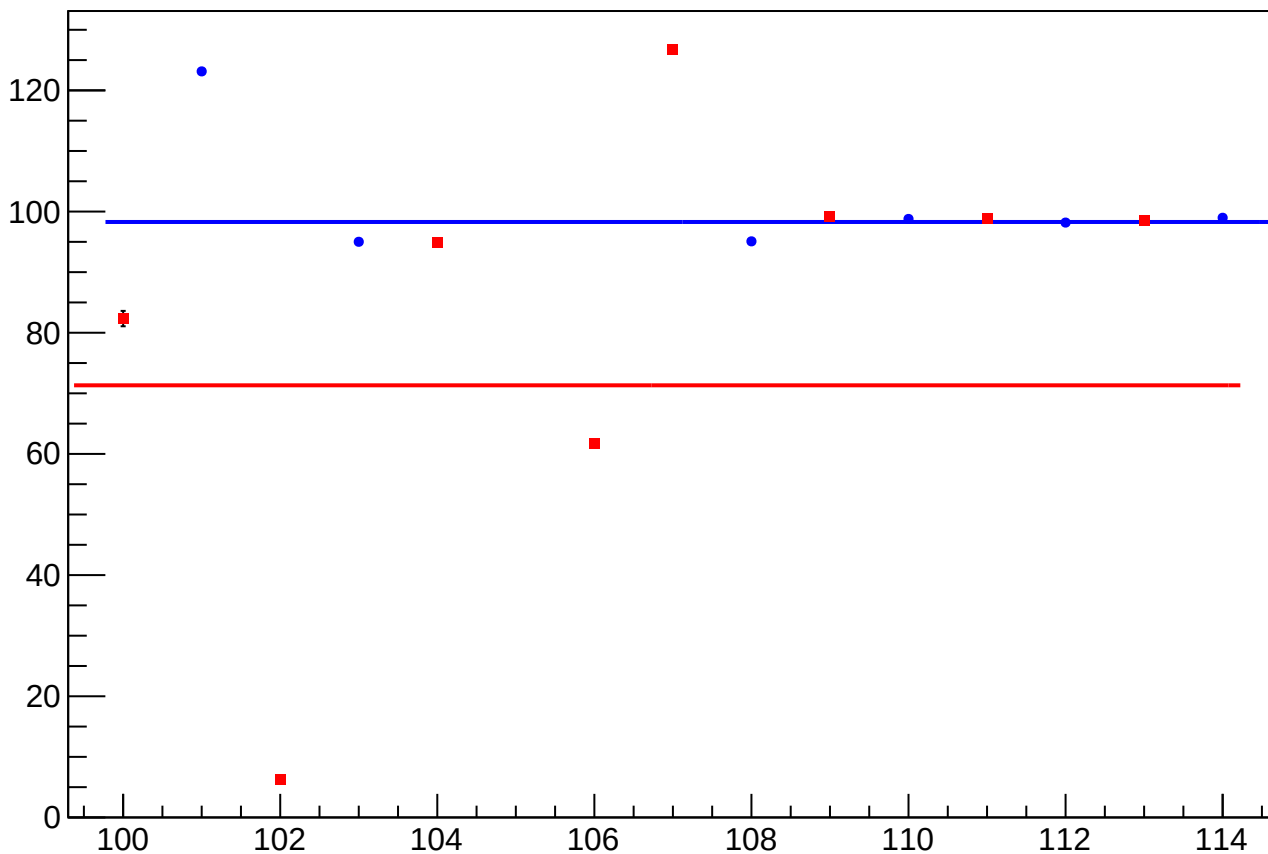
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.442 ± 1.705 χ^2/NDF : 111.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 98.281+/-0.119 χ^2/NDF : 4014.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.323+/-0.094 χ^2/NDF : 164464.6/7

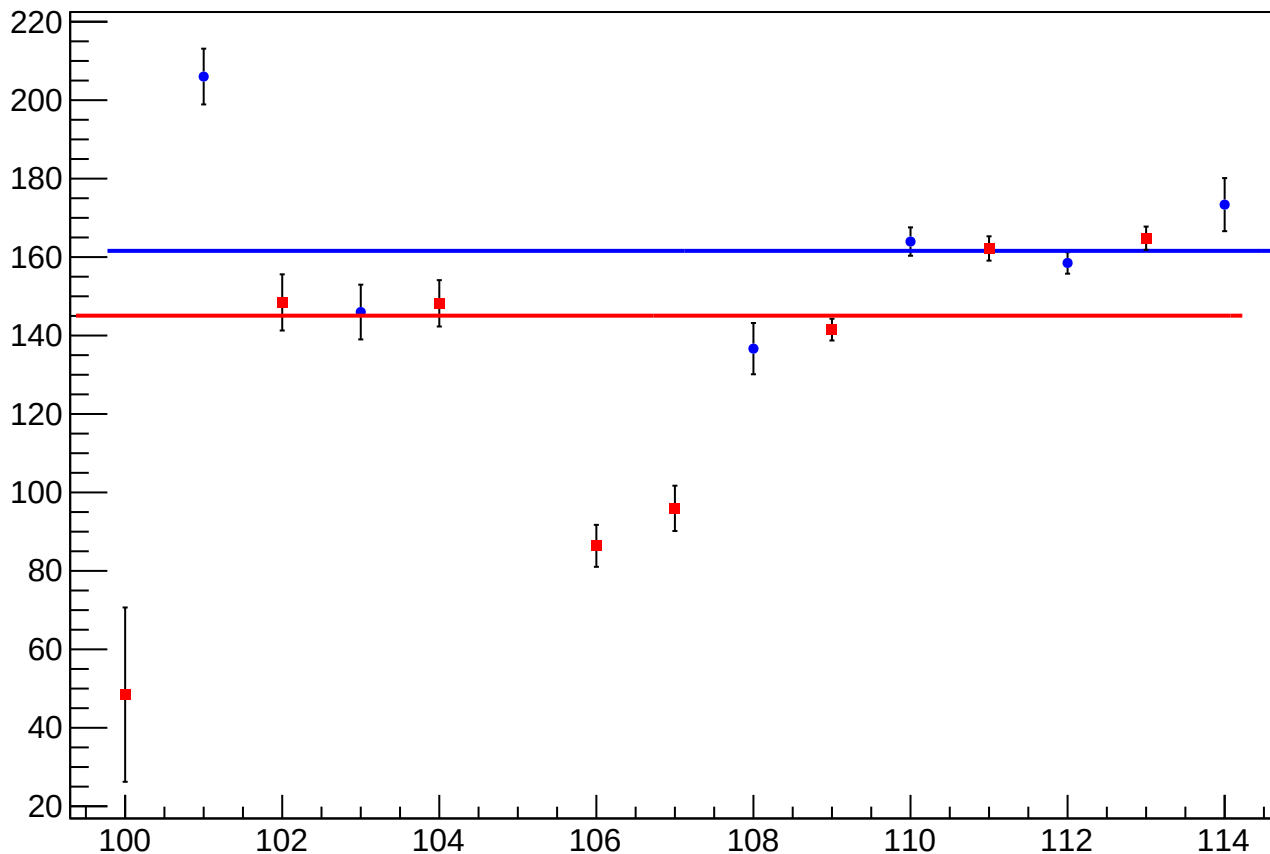
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.644+/-0.074 χ^2/NDF : 200007.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 161.589 $\pm$ 1.838 χ^2 /NDF: 63.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.068 $\pm$ 1.470 χ^2 /NDF: 288.5/7

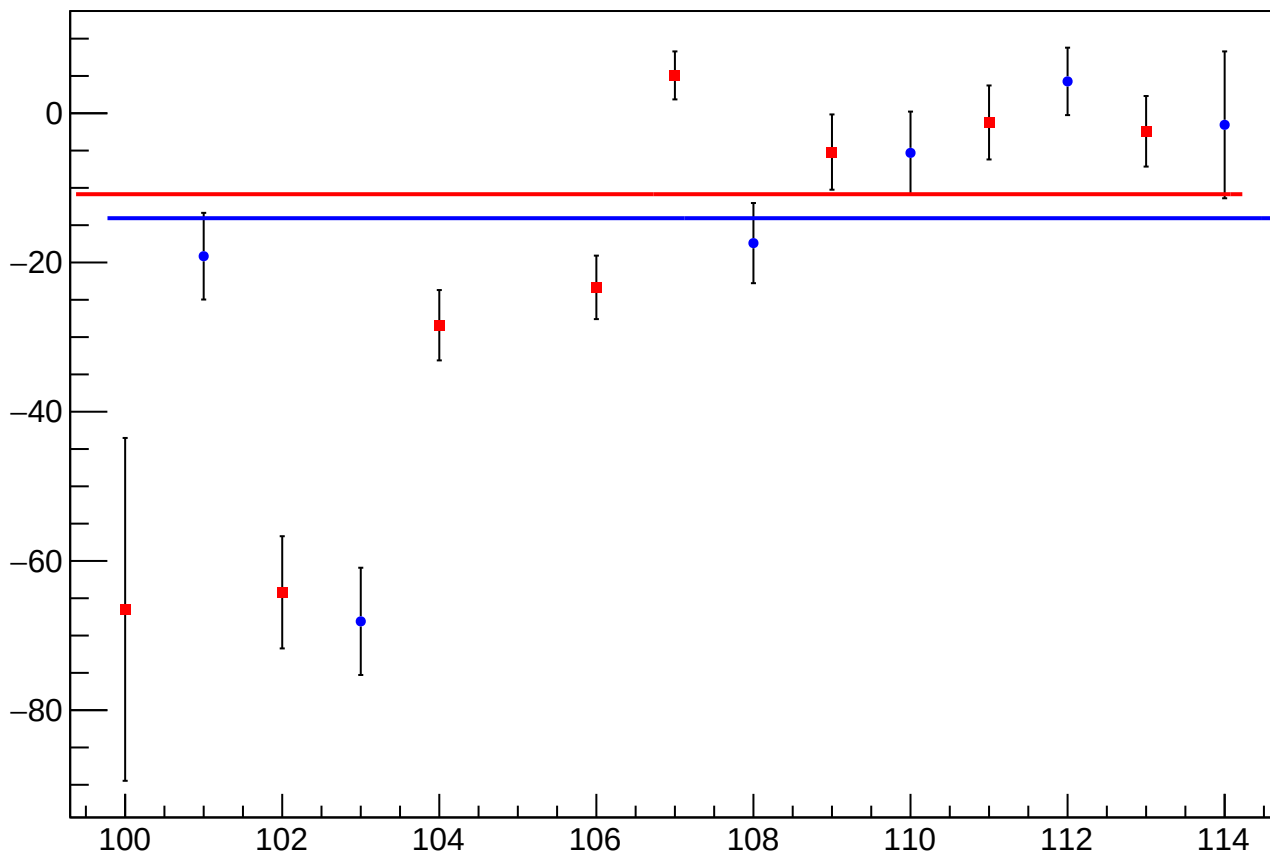
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.514 $\pm$ 1.148 χ^2 /NDF: 401.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -14.064+/-2.386 χ^2/NDF : 78.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.848+/-1.712 χ^2/NDF : 111.4/7

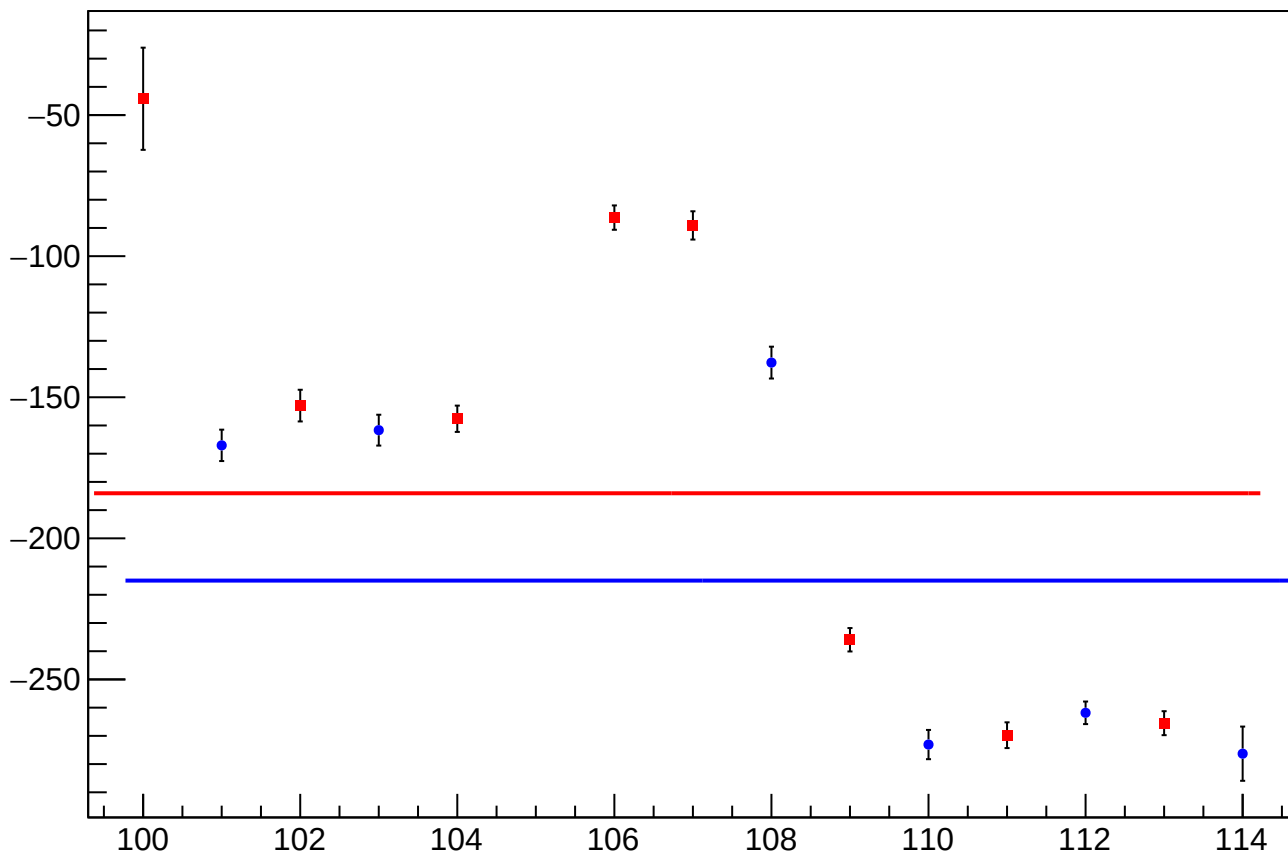
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.941+/-1.391 χ^2/NDF : 190.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -214.972 $\pm$ 2.194 χ^2 /NDF: 660.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -184.024 $\pm$ 1.725 χ^2 /NDF: 1871.8/7

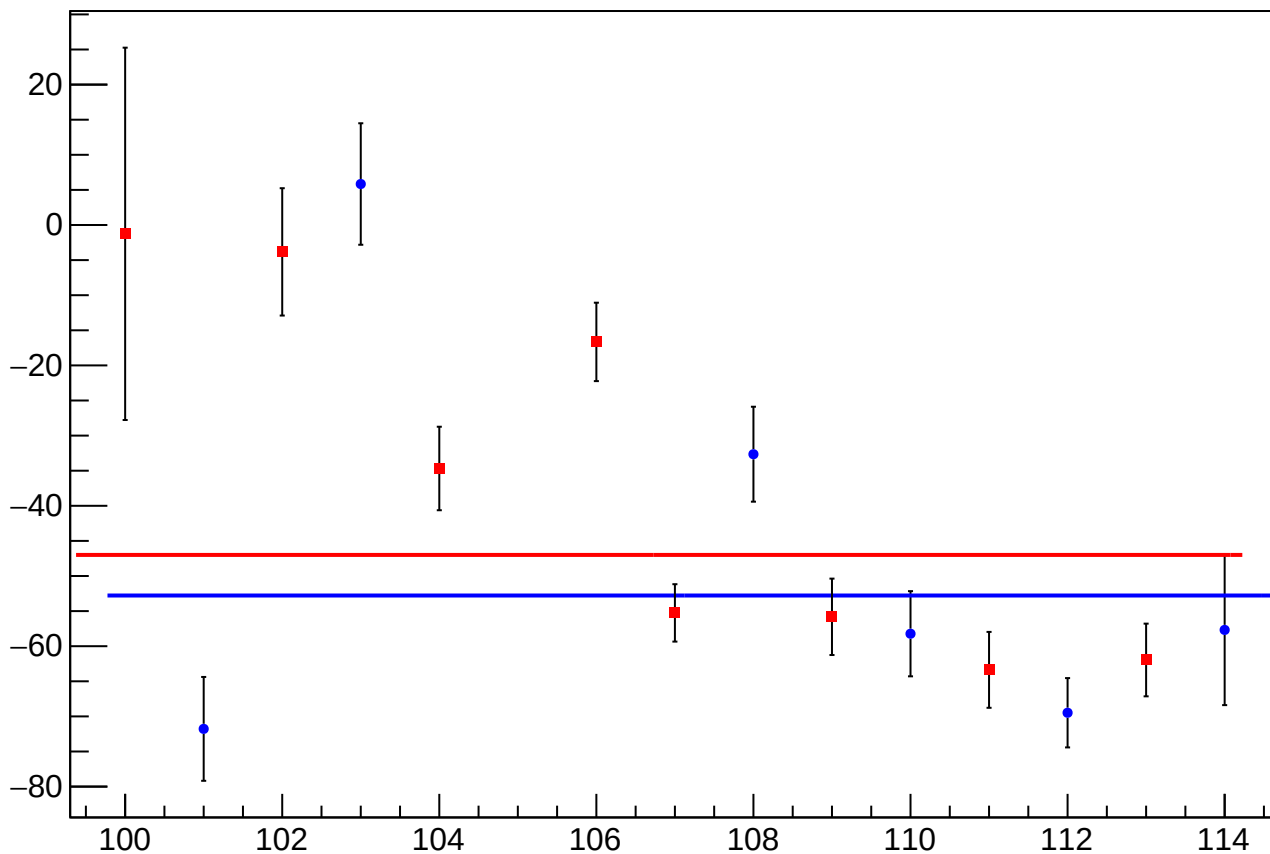
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -52.779 $\pm$ 2.769 χ^2 /NDF: 73.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.997 $\pm$ 2.045 χ^2 /NDF: 83.7/7

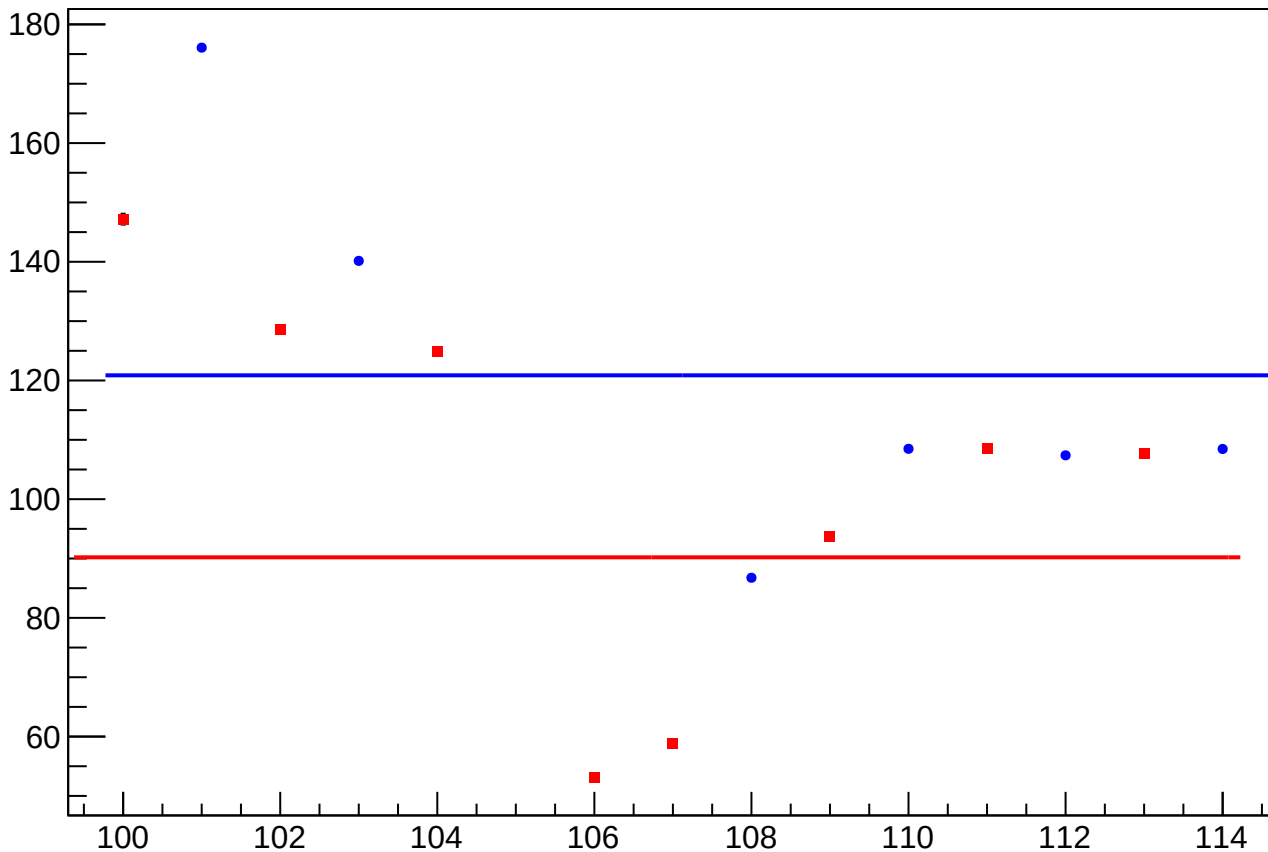
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 120.869 $\pm$ 0.125 χ^2 /NDF: 59366.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.203 $\pm$ 0.092 χ^2 /NDF: 118241.8/7

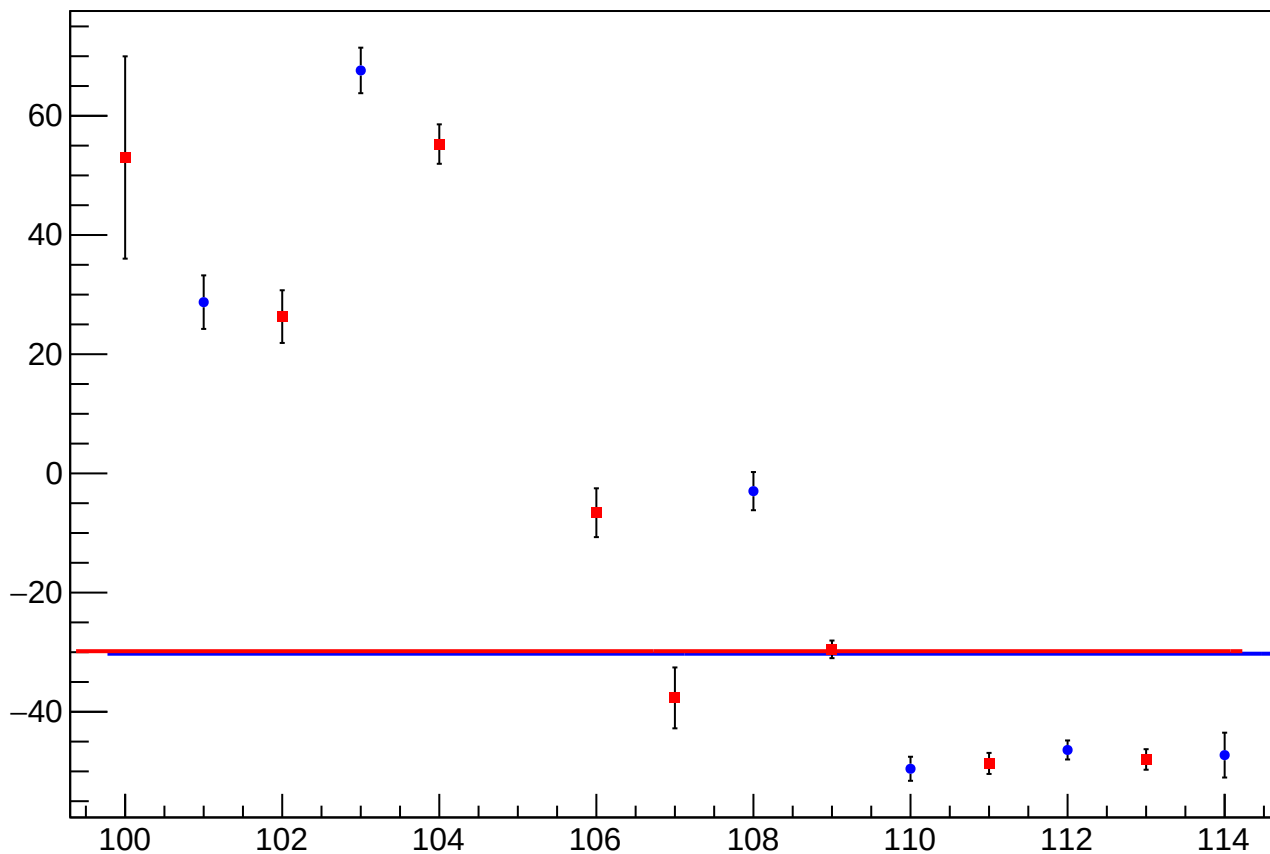
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.020 $\pm$ 0.074 χ^2 /NDF: 216446.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -30.253+/-1.040 χ^2/NDF : 1115.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.832+/-0.857 χ^2/NDF : 1106.2/7

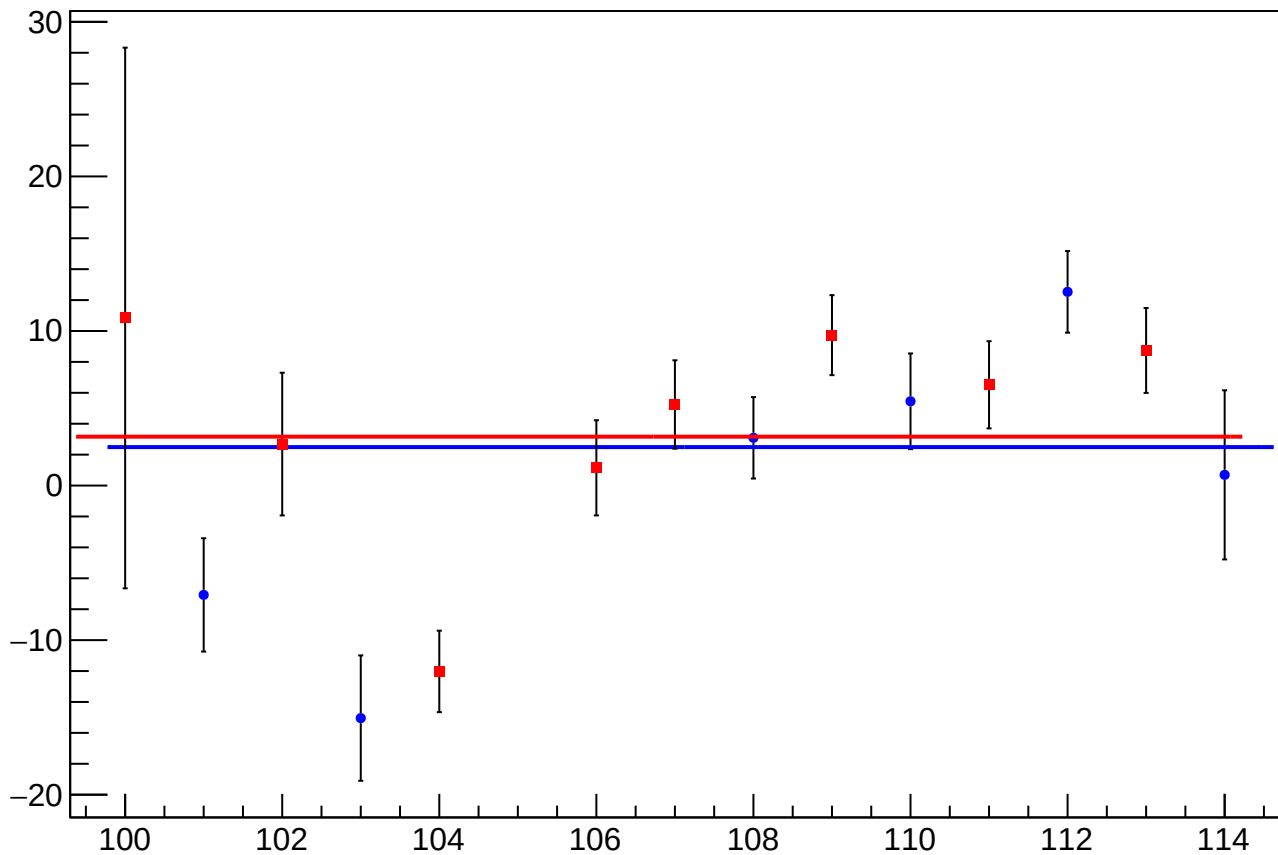
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.002+/-0.661 χ^2/NDF : 2222.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 2.488 $\pm$ 1.336 χ^2 /NDF: 41.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.163 $\pm$ 1.098 χ^2 /NDF: 46.4/7

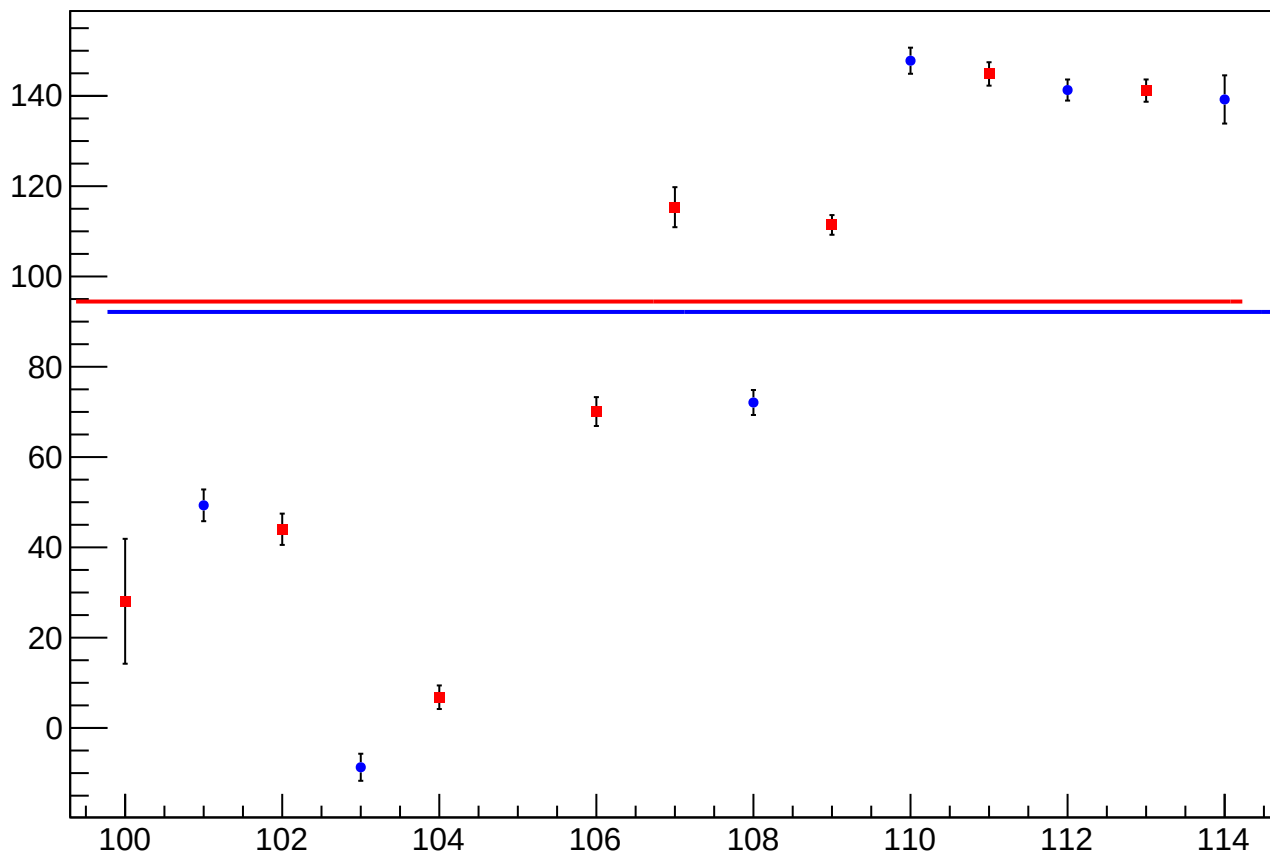
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.891 $\pm$ 0.848 χ^2 /NDF: 87.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 92.147 $\pm$ 1.230 χ^2 /NDF: 2224.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.449 $\pm$ 1.050 χ^2 /NDF: 2239.5/7

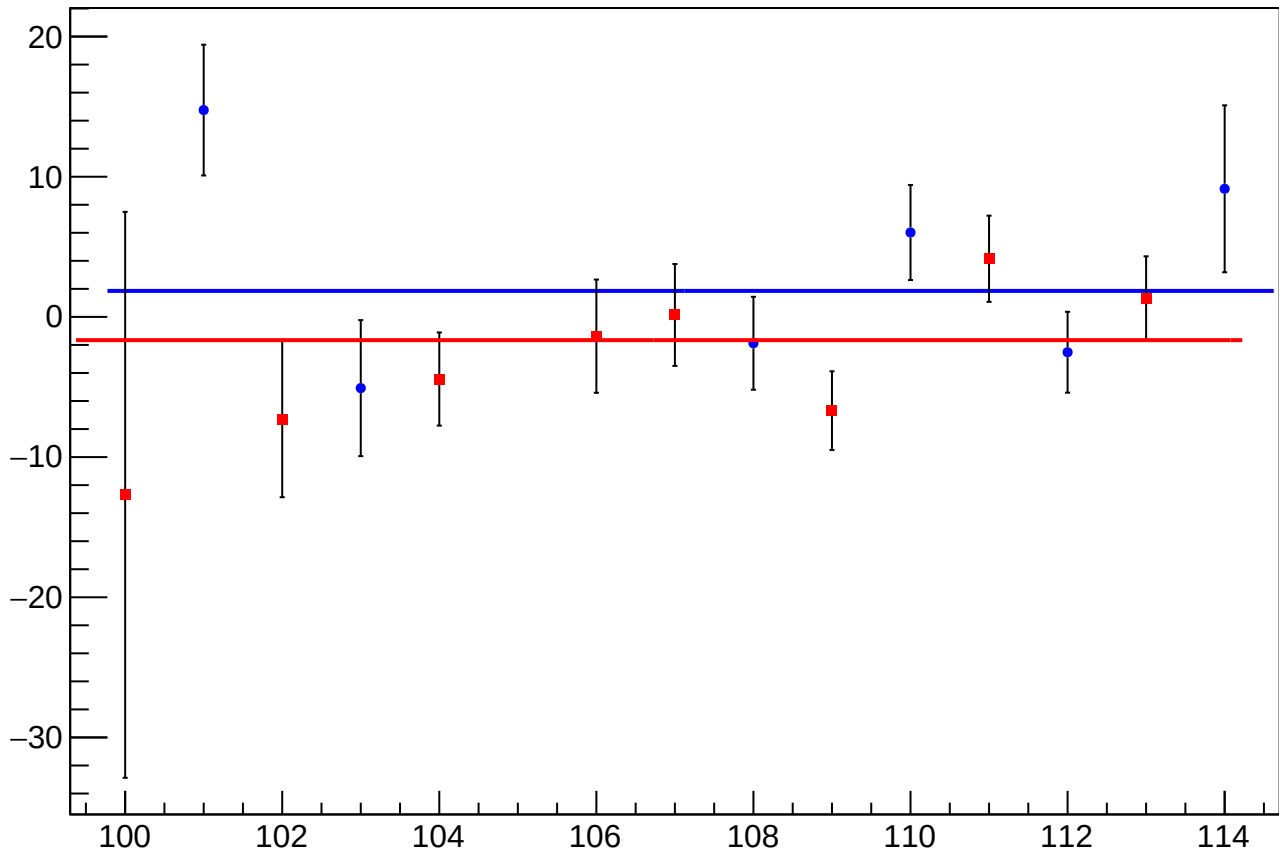
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.479 $\pm$ 0.799 χ^2 /NDF: 4466.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 1.855 $\pm$ 1.553 χ^2 /NDF: 16.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.658 $\pm$ 1.285 χ^2 /NDF: 10.0/7

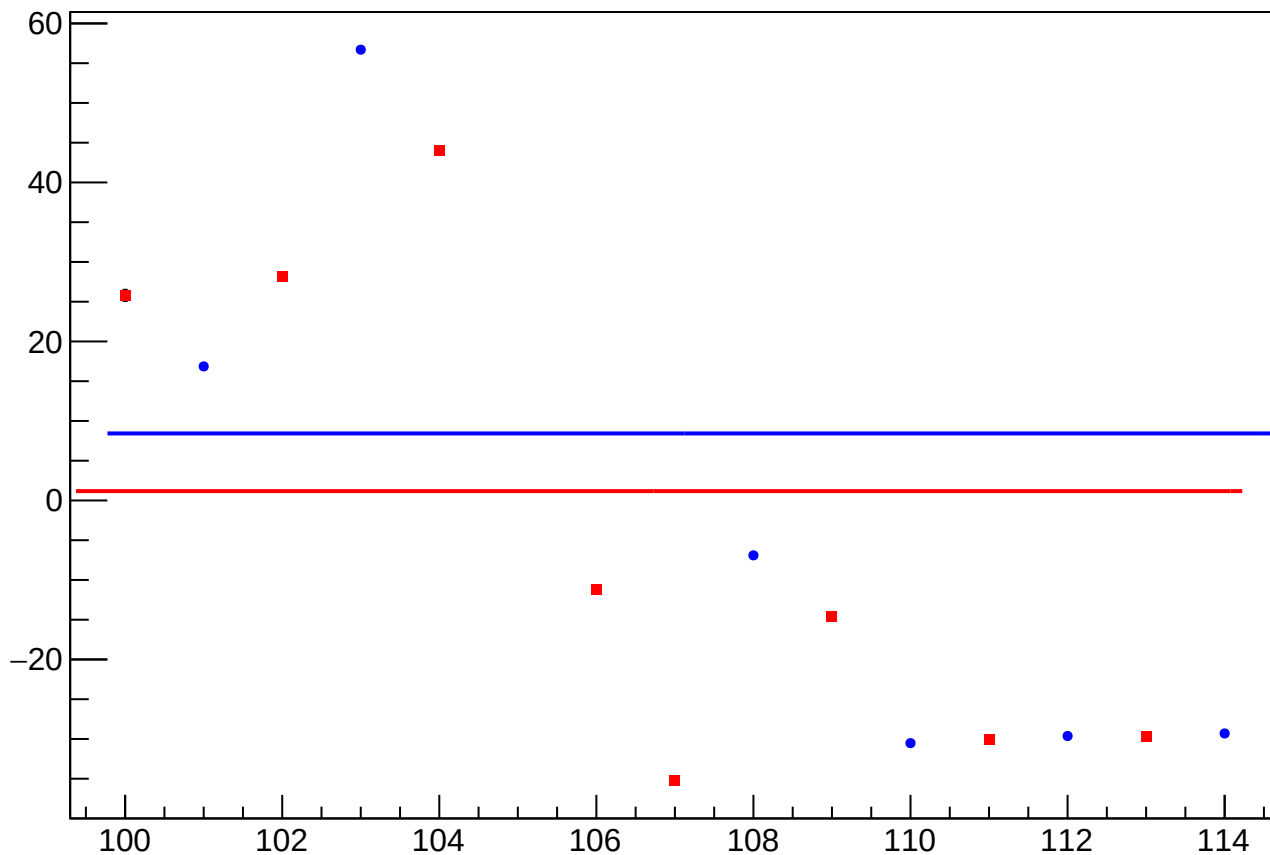
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.230 $\pm$ 0.990 χ^2 /NDF: 29.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 8.429+/-0.068 χ^2/NDF : 245449.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.178+/-0.060 χ^2/NDF : 256998.9/7

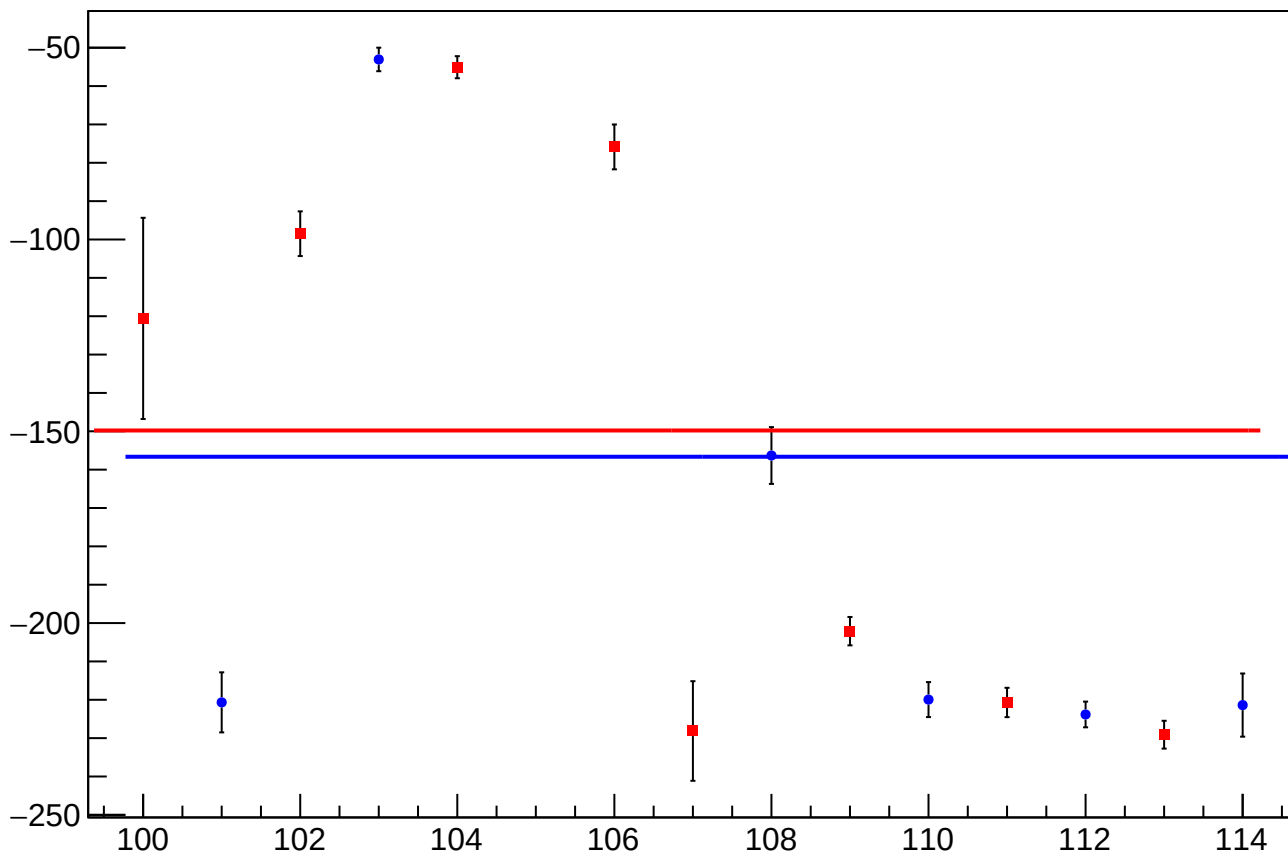
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.375+/-0.045 χ^2/NDF : 508856.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -156.637 $\pm$ 1.849 χ^2 /NDF: 1863.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.788 $\pm$ 1.572 χ^2 /NDF: 2381.8/7

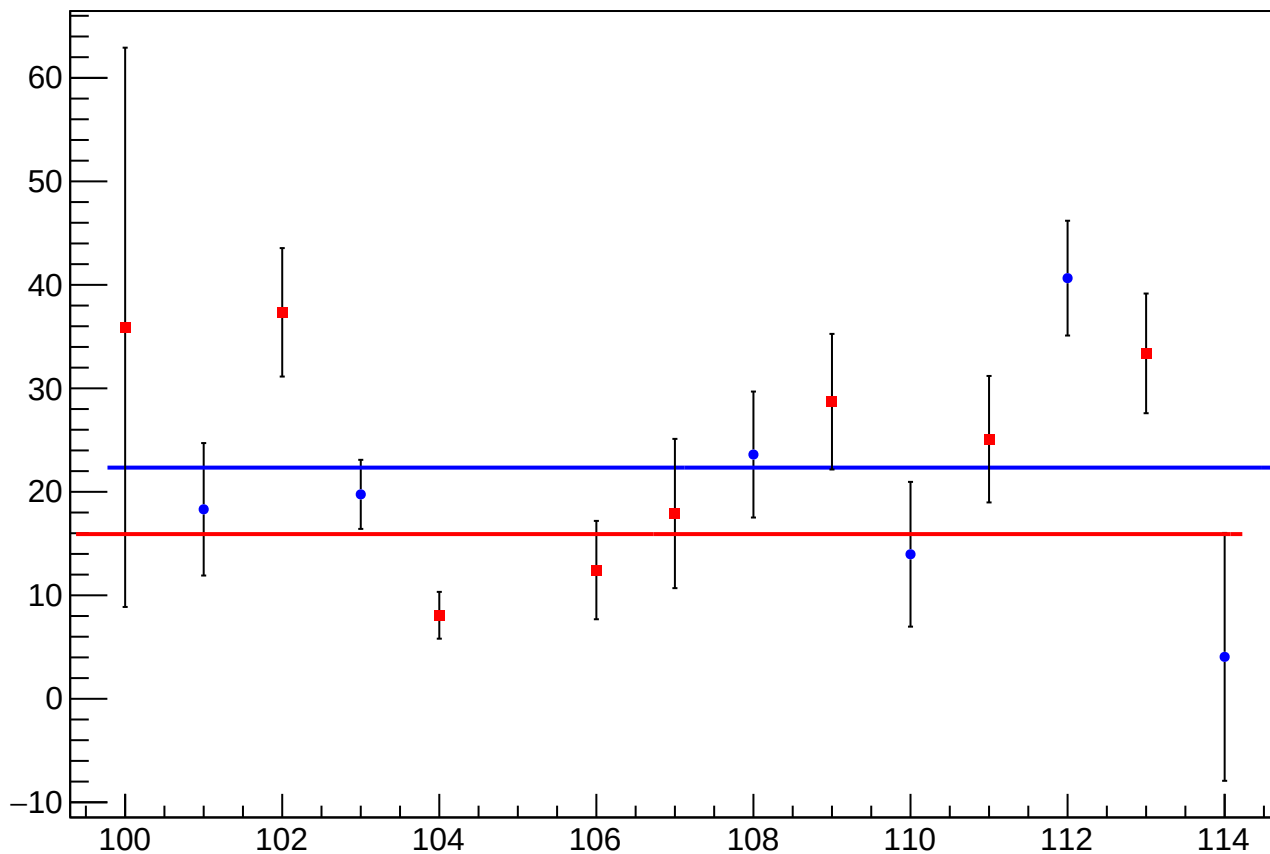
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -152.662 $\pm$ 1.198 χ^2 /NDF: 4253.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 22.341 $\pm$ 2.230 χ^2 /NDF: 15.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.916 $\pm$ 1.652 χ^2 /NDF: 40.3/7

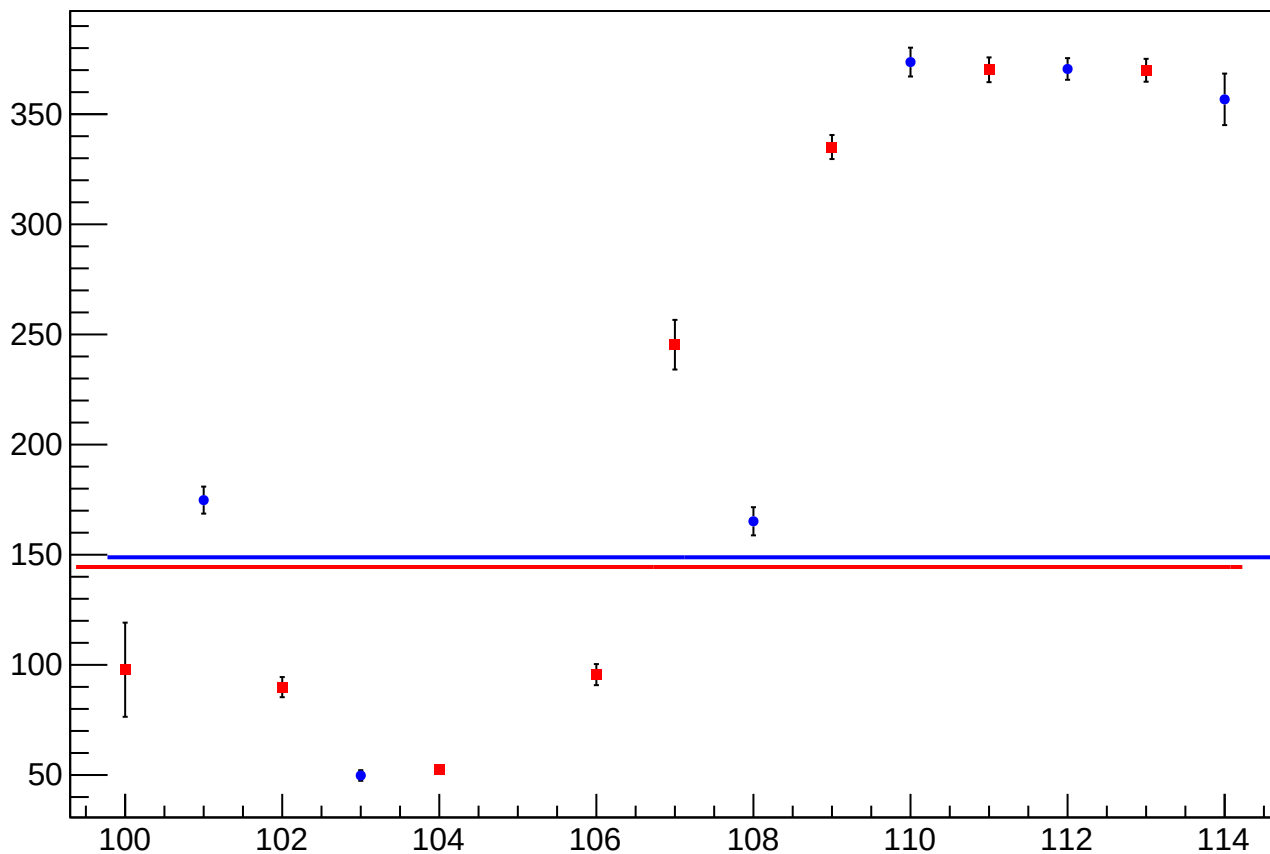
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.193 $\pm$ 1.328 χ^2 /NDF: 61.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 148.840 $\pm$ 1.840 χ^2 /NDF: 5250.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.429 $\pm$ 1.584 χ^2 /NDF: 6688.6/7

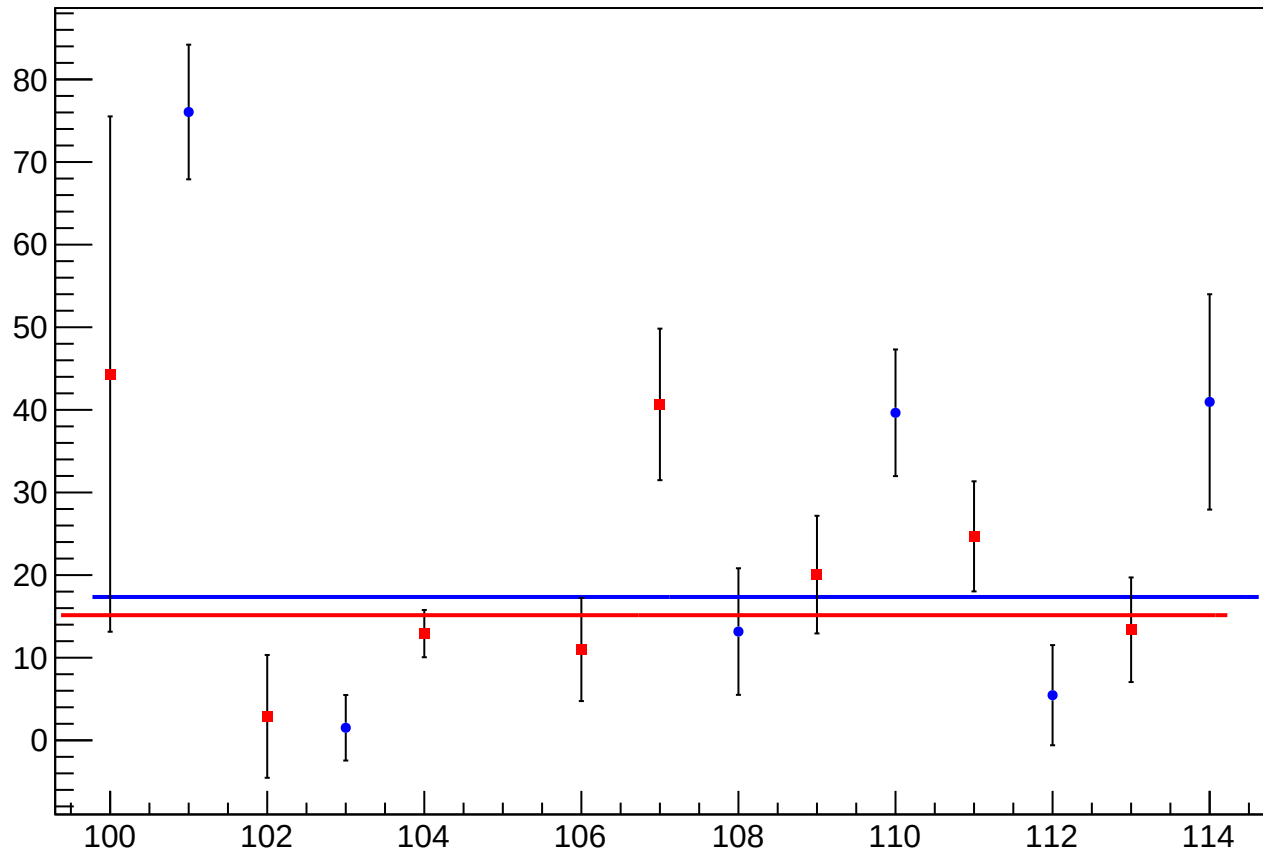
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.308 $\pm$ 1.201 χ^2 /NDF: 11942.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 17.350 $\pm$ 2.618 χ^2 /NDF: 83.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.149 $\pm$ 2.016 χ^2 /NDF: 15.0/7

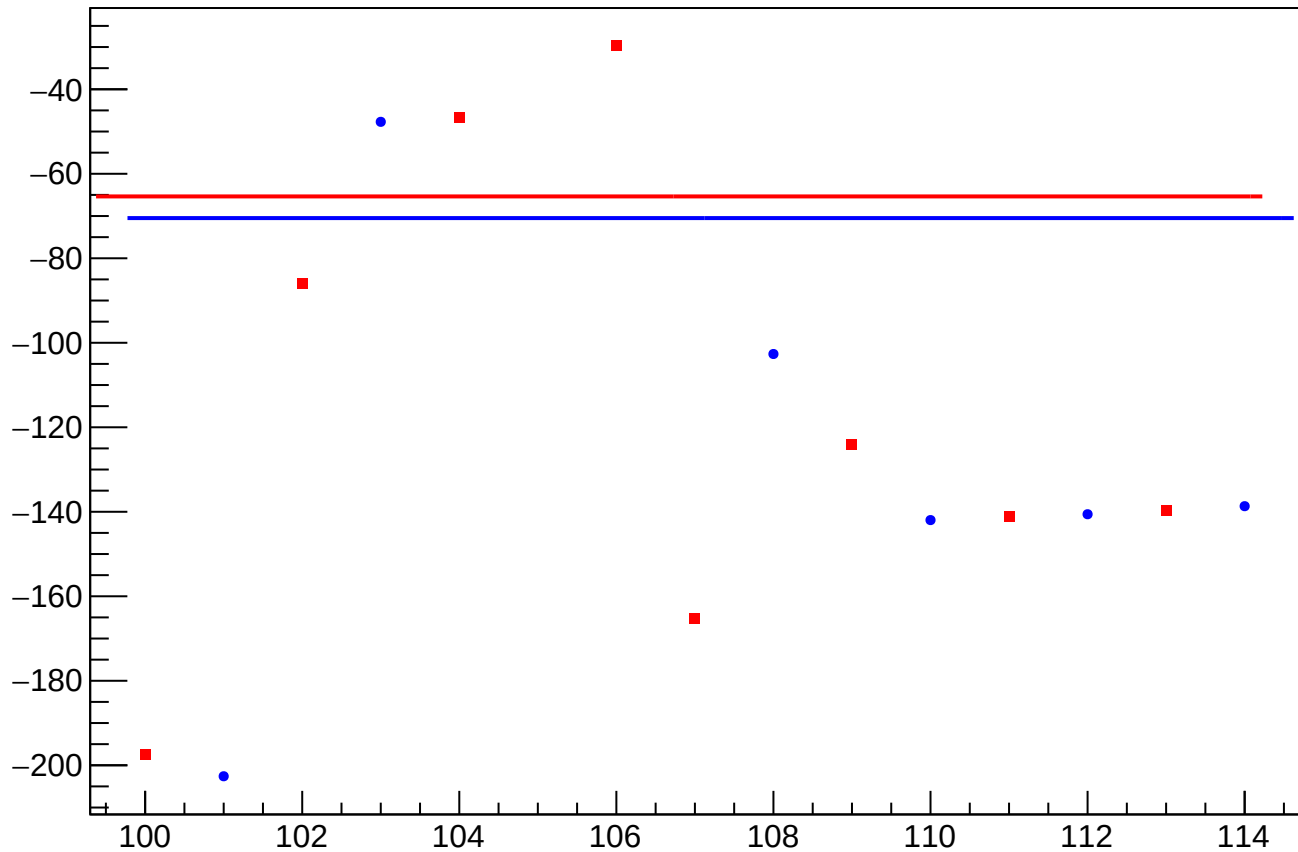
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.968 $\pm$ 1.597 χ^2 /NDF: 99.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -70.487 ± 0.087 χ^2/NDF : 254160.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -65.359 ± 0.079 χ^2/NDF : 222654.2/7

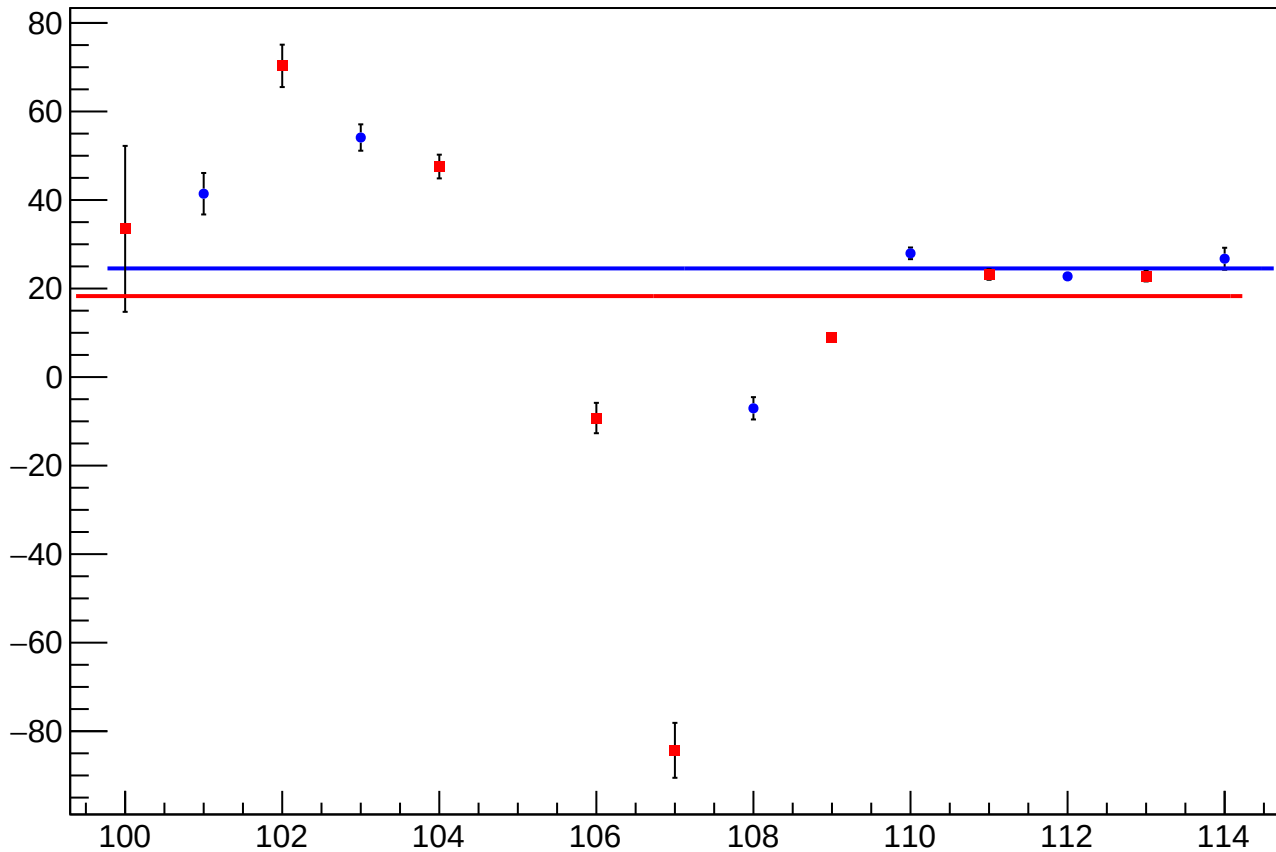
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.690 ± 0.059 χ^2/NDF : 478719.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 24.545 $\pm$ 0.733 χ^2 /NDF: 278.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.294 $\pm$ 0.626 χ^2 /NDF: 680.9/7

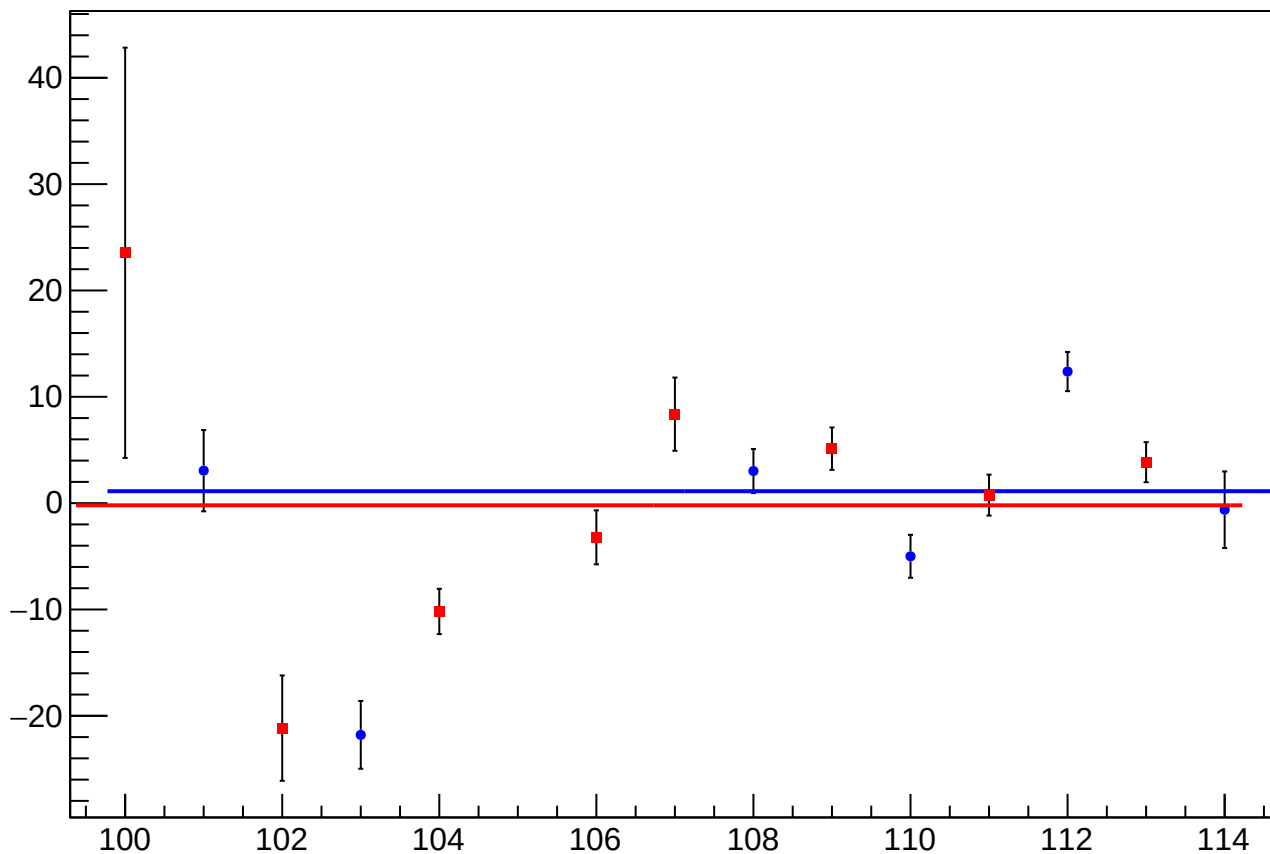
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.929 $\pm$ 0.476 χ^2 /NDF: 1001.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 1.123+/-0.992 χ^2/NDF : 99.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.202+/-0.875 χ^2/NDF : 61.0/7

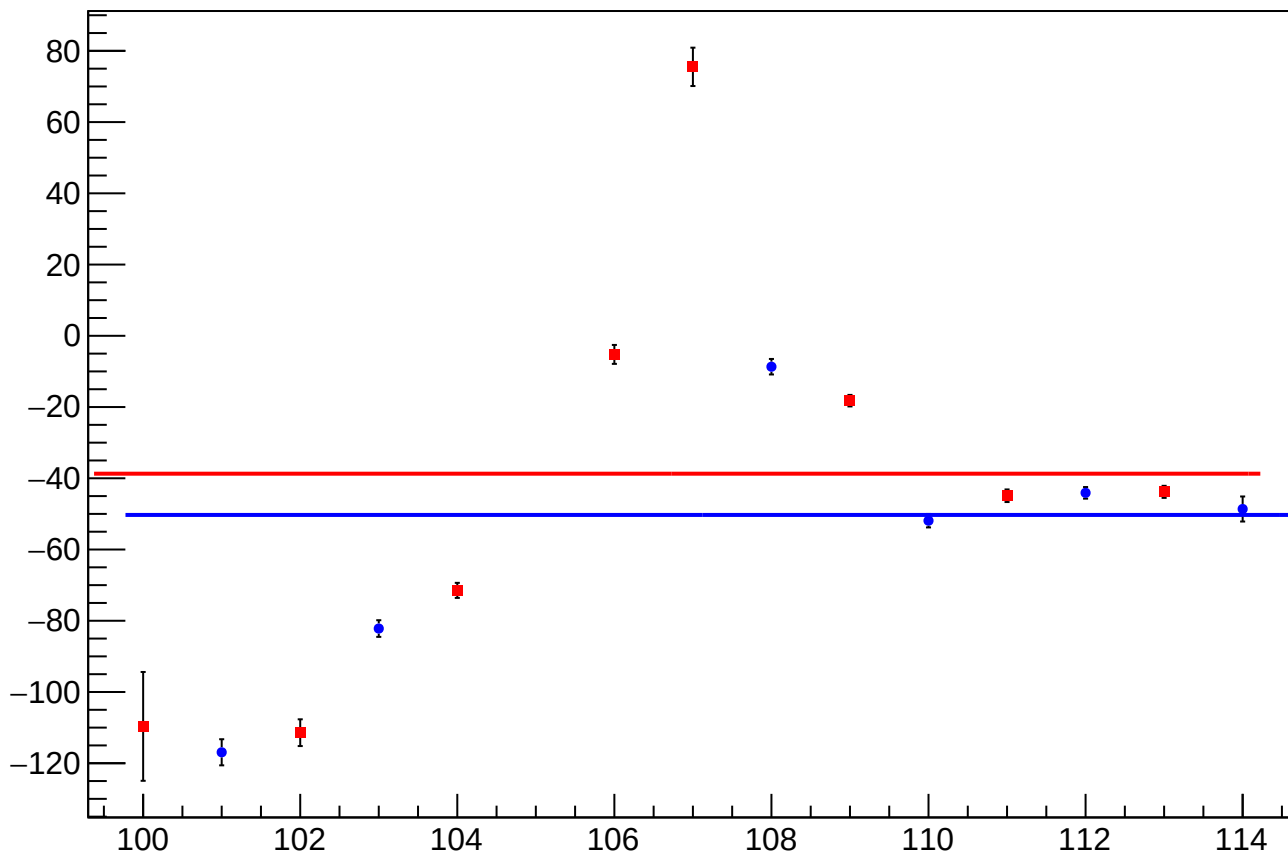
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.656 χ^2/NDF : 161.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -50.290 ± 0.910 χ^2/NDF : 897.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.712 ± 0.809 χ^2/NDF : 1427.8/7

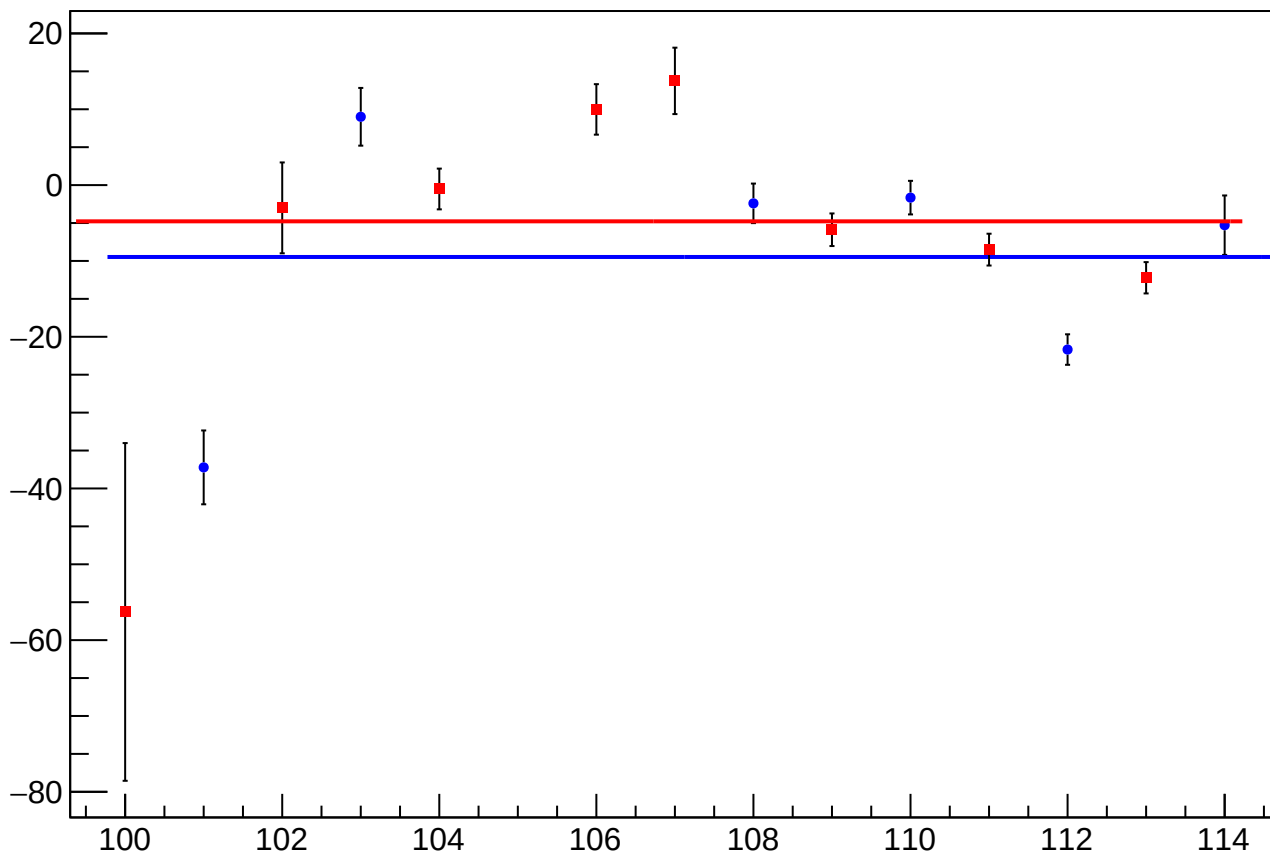
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.823 ± 0.605 χ^2/NDF : 2415.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -9.477+/-1.136 χ^2/NDF : 113.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.778+/-1.005 χ^2/NDF : 61.9/7

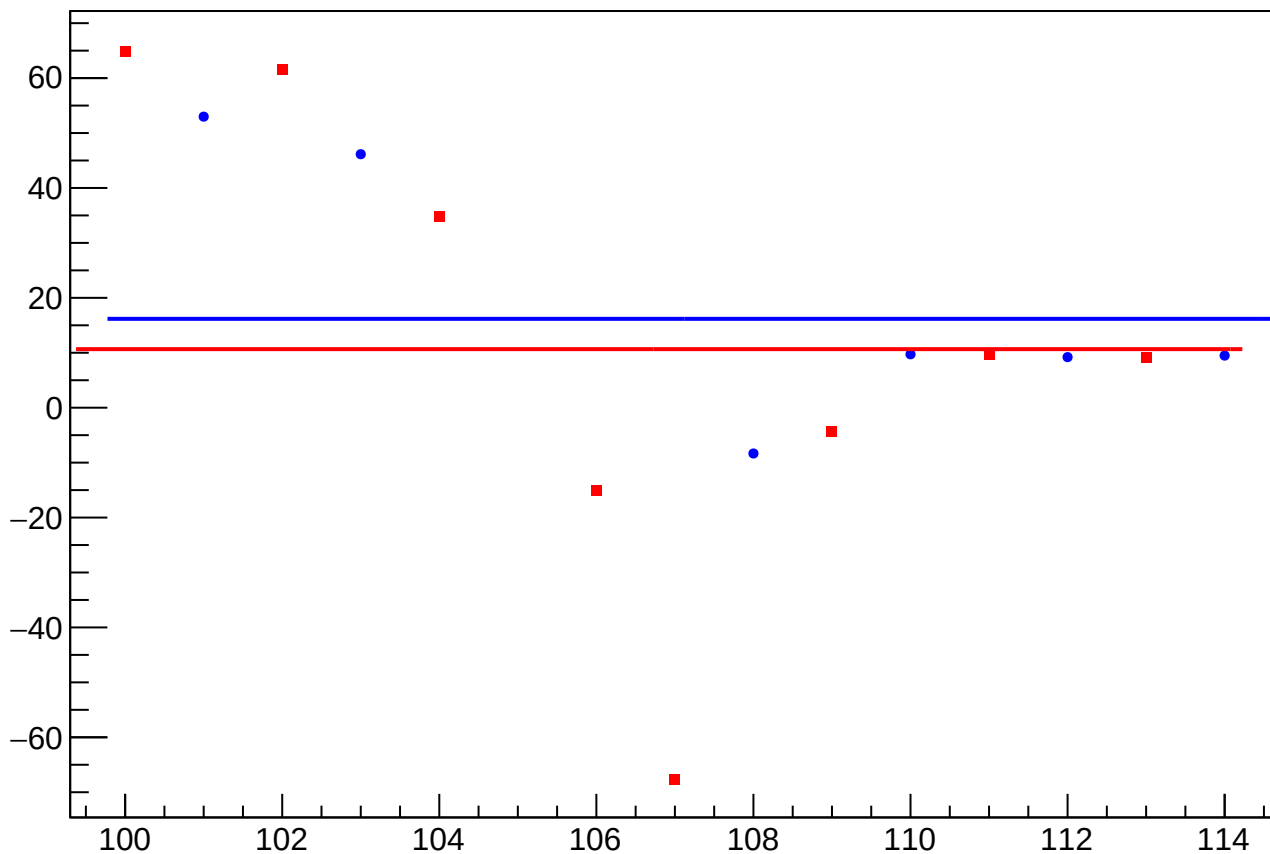
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.841+/-0.753 χ^2/NDF : 185.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 16.178 $\pm$ 0.052 χ^2 /NDF: 203942.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.659 $\pm$ 0.050 χ^2 /NDF: 342033.6/7

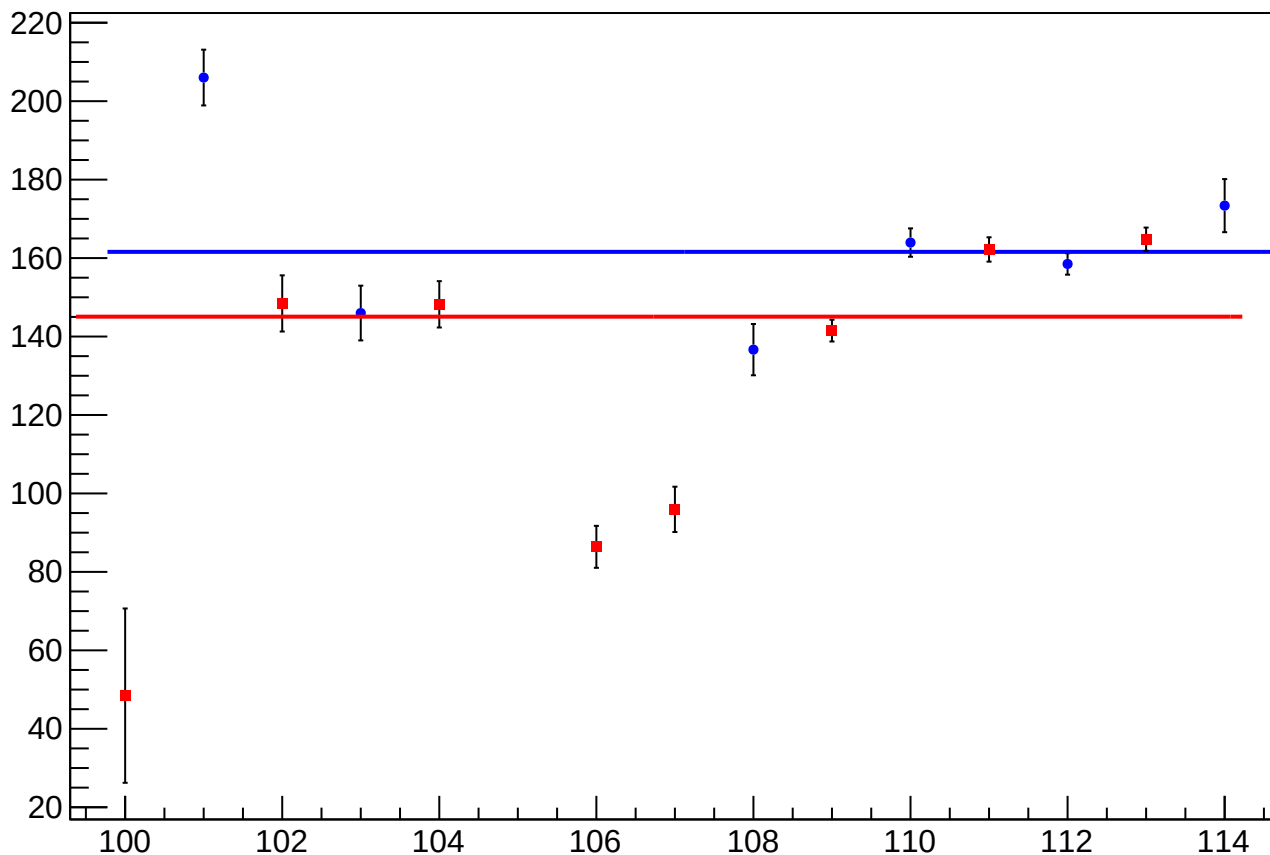
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.302 $\pm$ 0.036 χ^2 /NDF: 551826.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug



Right In: 161.589 $\pm$ 1.838 χ^2 /NDF: 63.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.068 $\pm$ 1.470 χ^2 /NDF: 288.5/7

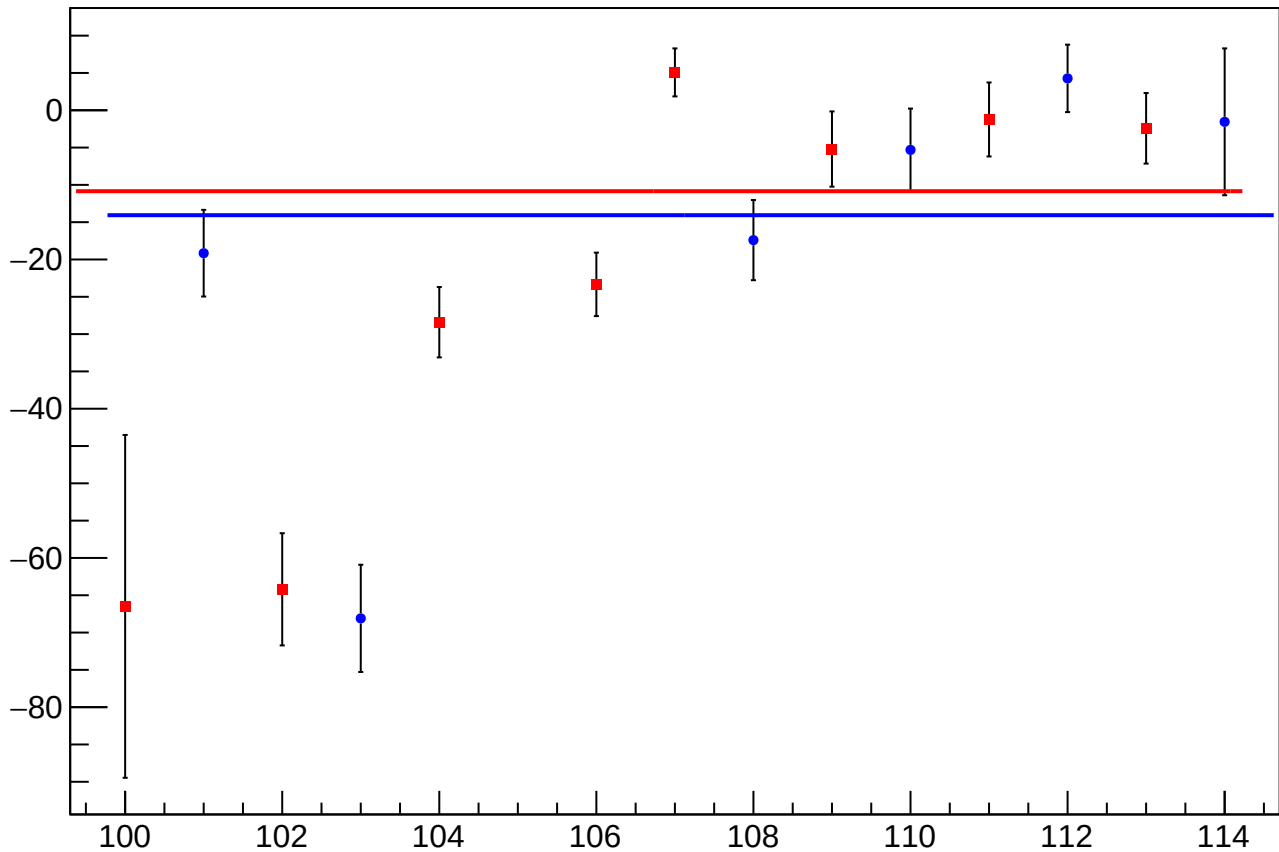
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.514 $\pm$ 1.148 χ^2 /NDF: 401.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -14.064 $\pm$ 2.386 χ^2 /NDF: 78.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.848 $\pm$ 1.712 χ^2 /NDF: 111.4/7

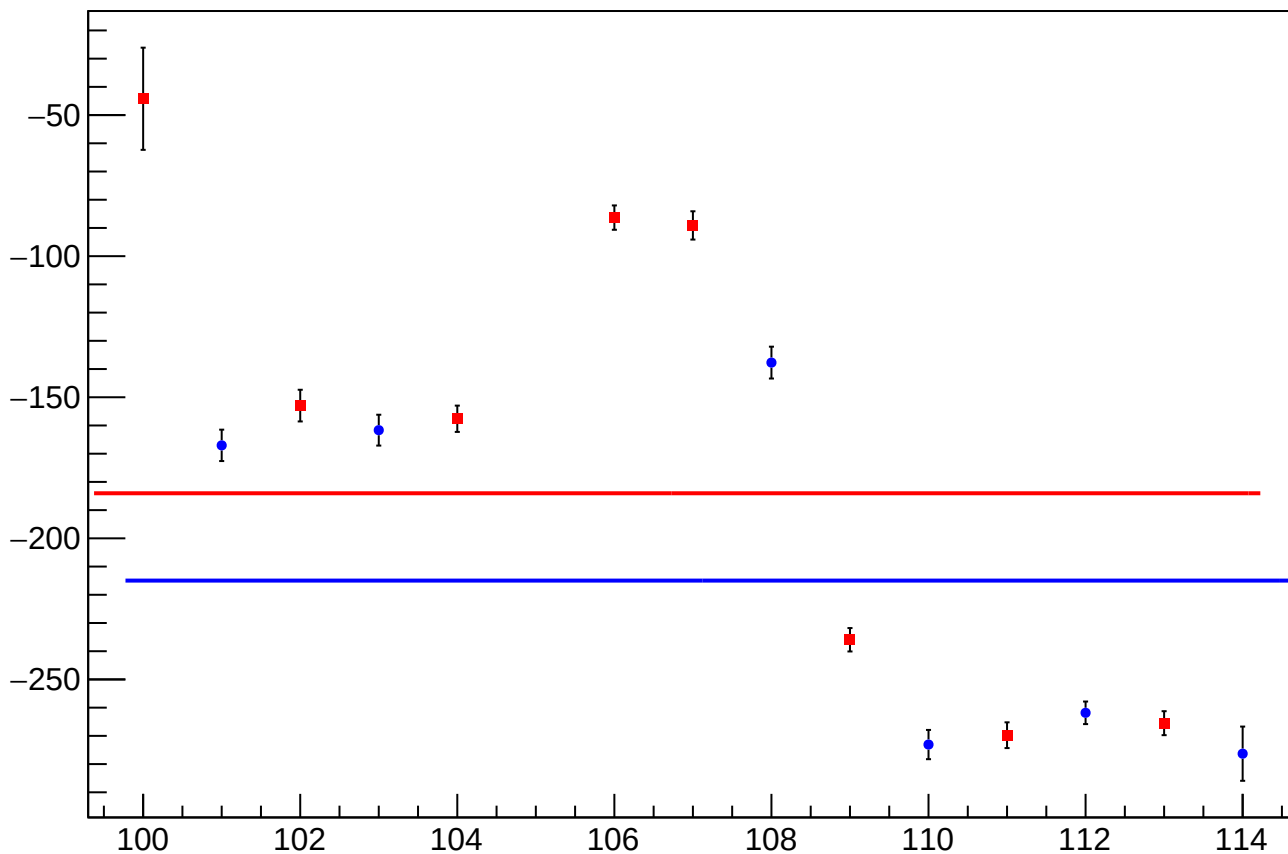
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.941 $\pm$ 1.391 χ^2 /NDF: 190.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -214.972 $\pm$ 2.194 χ^2 /NDF: 660.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -184.024 $\pm$ 1.725 χ^2 /NDF: 1871.8/7

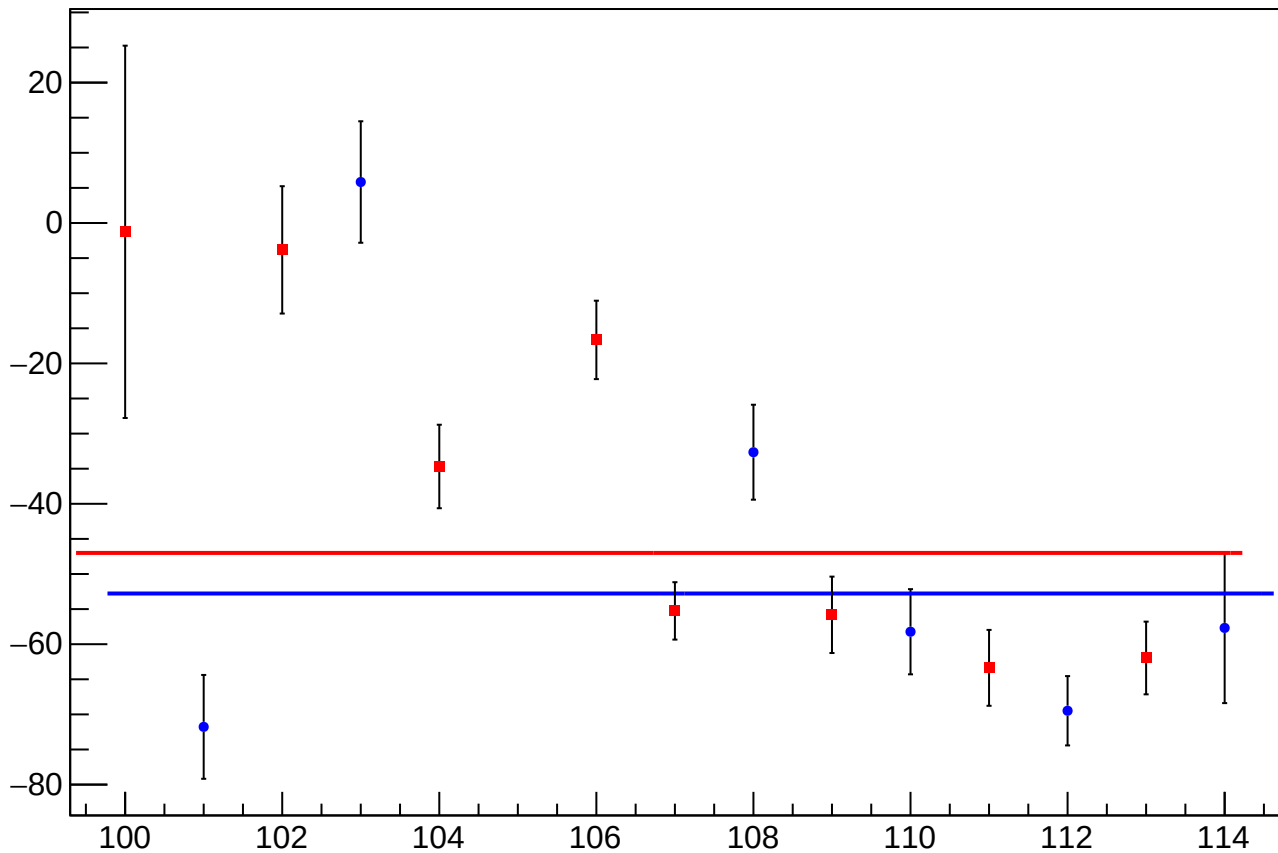
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -52.779 ± 2.769 χ^2/NDF : 73.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.997 ± 2.045 χ^2/NDF : 83.7/7

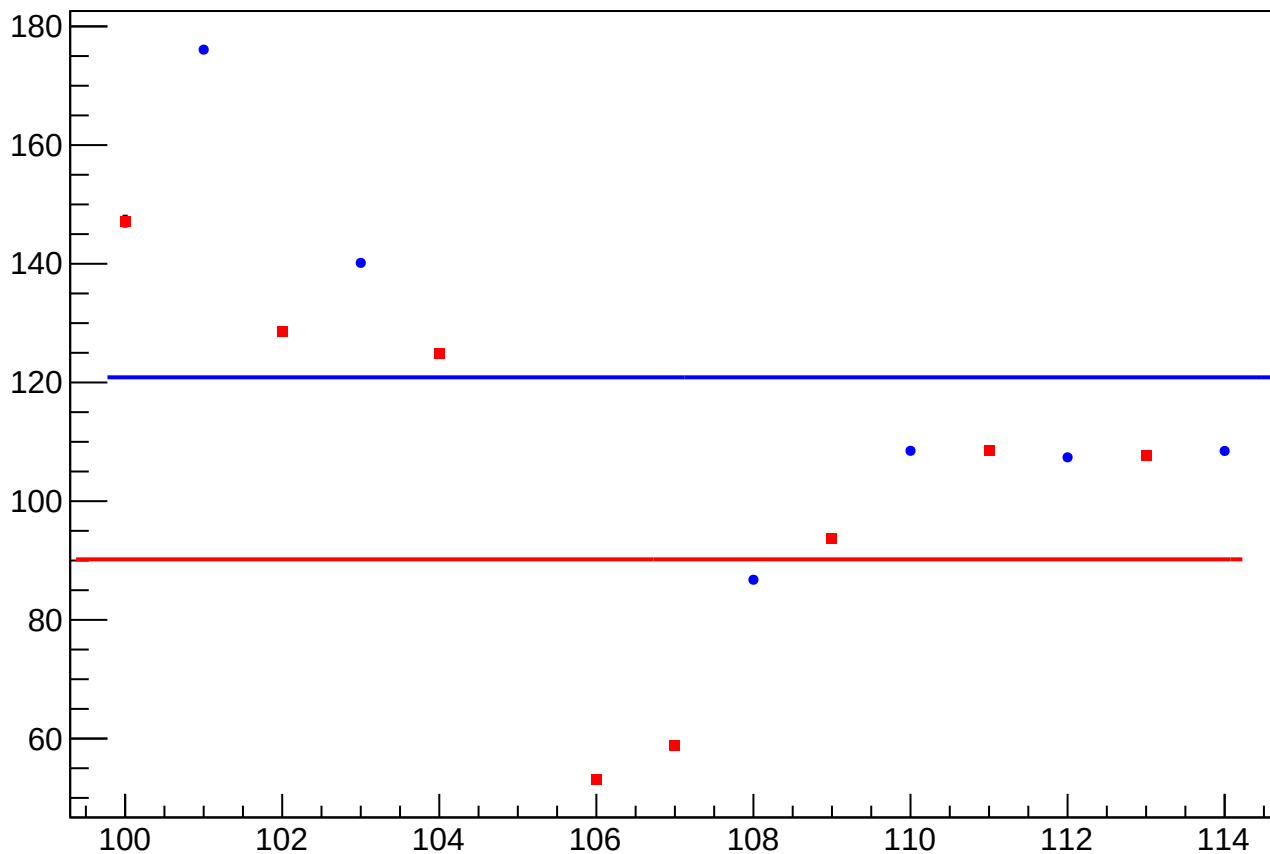
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.038 ± 1.645 χ^2/NDF : 160.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug



Right In: 120.869 $\pm$ 0.125 χ^2 /NDF: 59366.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.203 $\pm$ 0.092 χ^2 /NDF: 118241.8/7

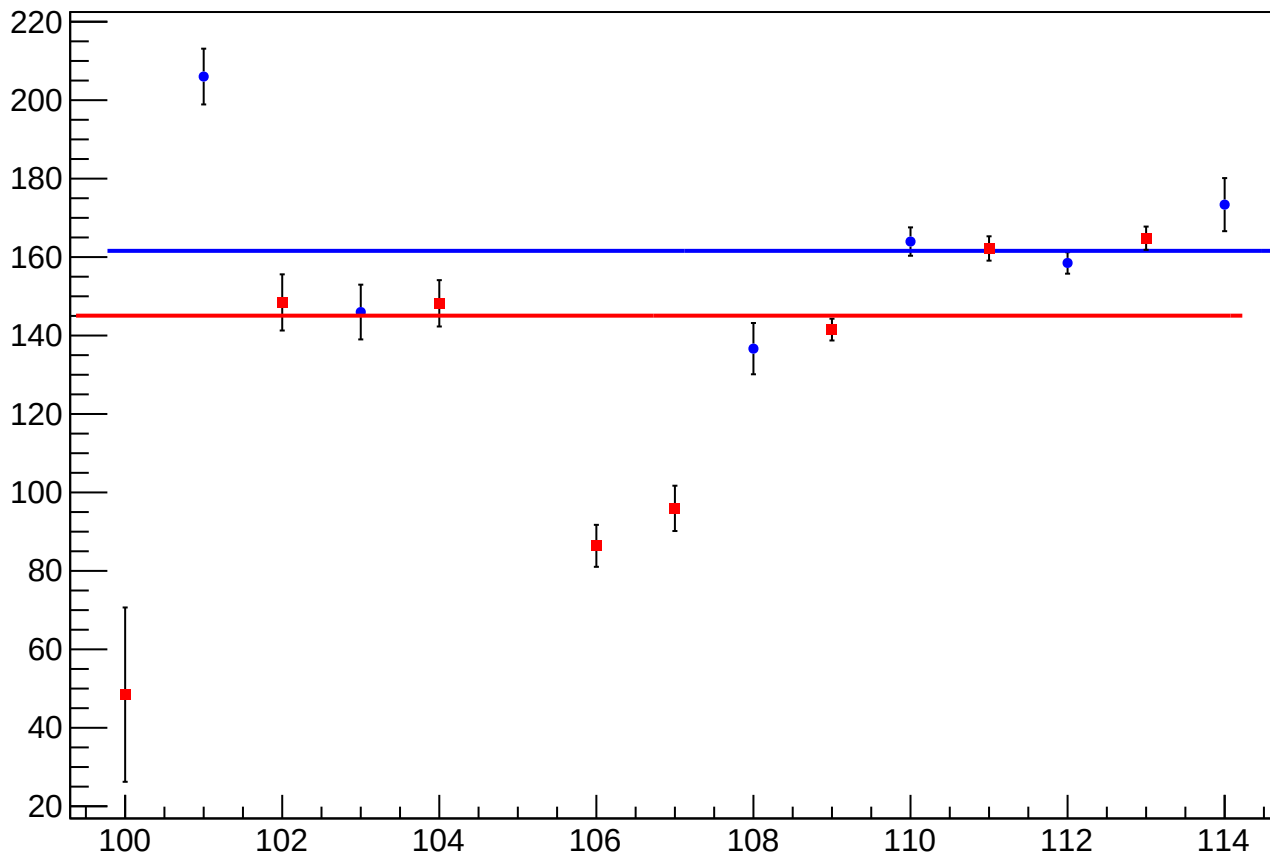
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.020 $\pm$ 0.074 χ^2 /NDF: 216446.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug



Right In: 161.589 $\pm$ 1.838 χ^2 /NDF: 63.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.068 $\pm$ 1.470 χ^2 /NDF: 288.5/7

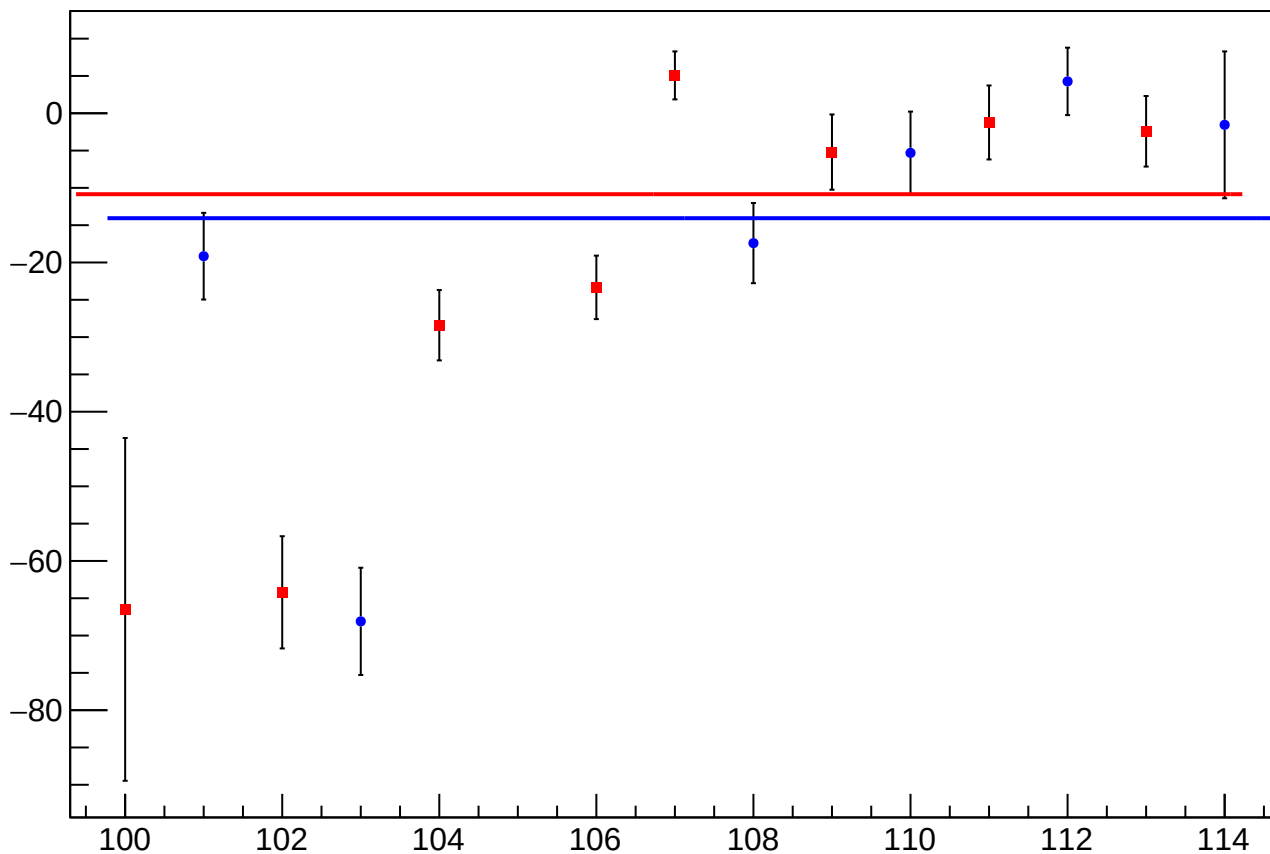
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.514 $\pm$ 1.148 χ^2 /NDF: 401.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -14.064 ± 2.386 $\chi^2/\text{NDF}: 78.3/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.848 ± 1.712 $\chi^2/\text{NDF}: 111.4/7$

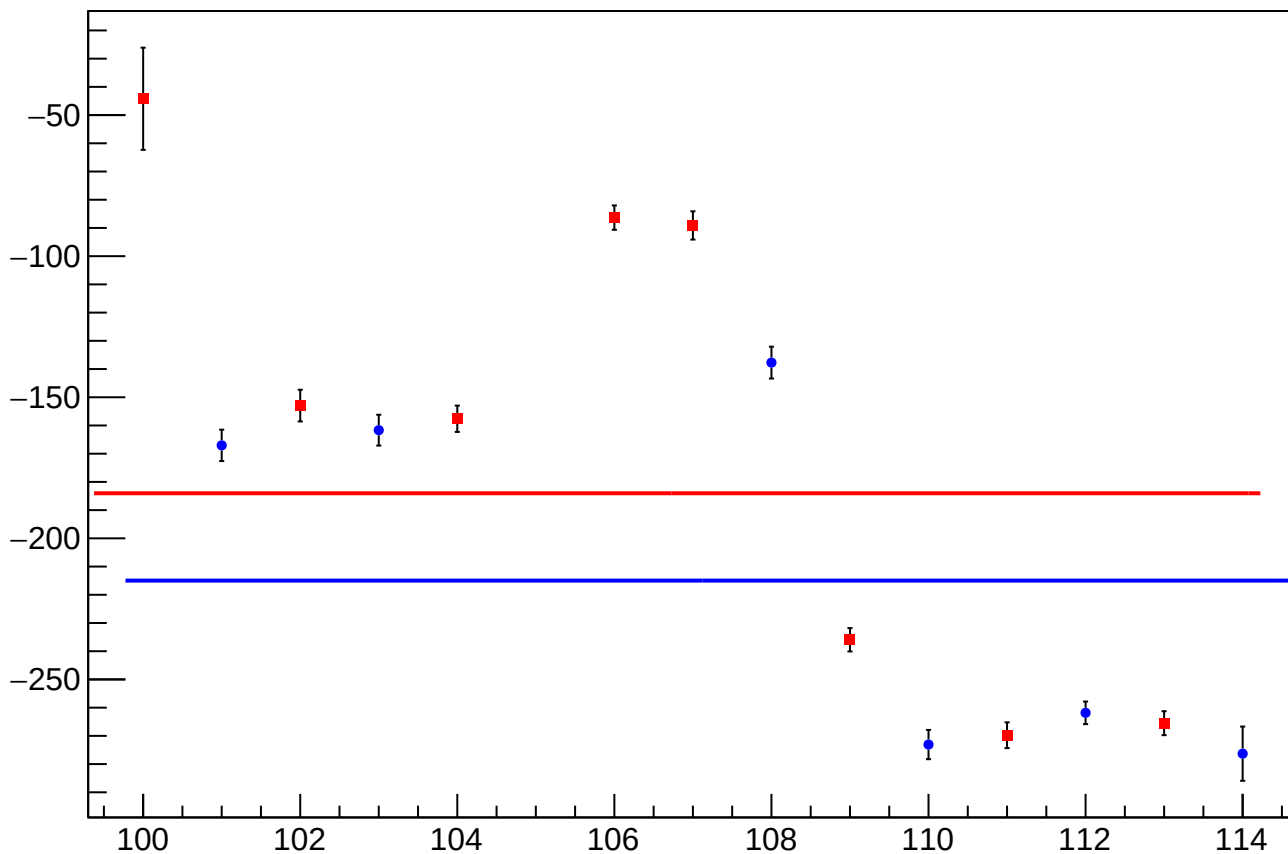
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.941 ± 1.391 $\chi^2/\text{NDF}: 190.9/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -214.972 ± 2.194 χ^2/NDF : 660.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -184.024 ± 1.725 χ^2/NDF : 1871.8/7

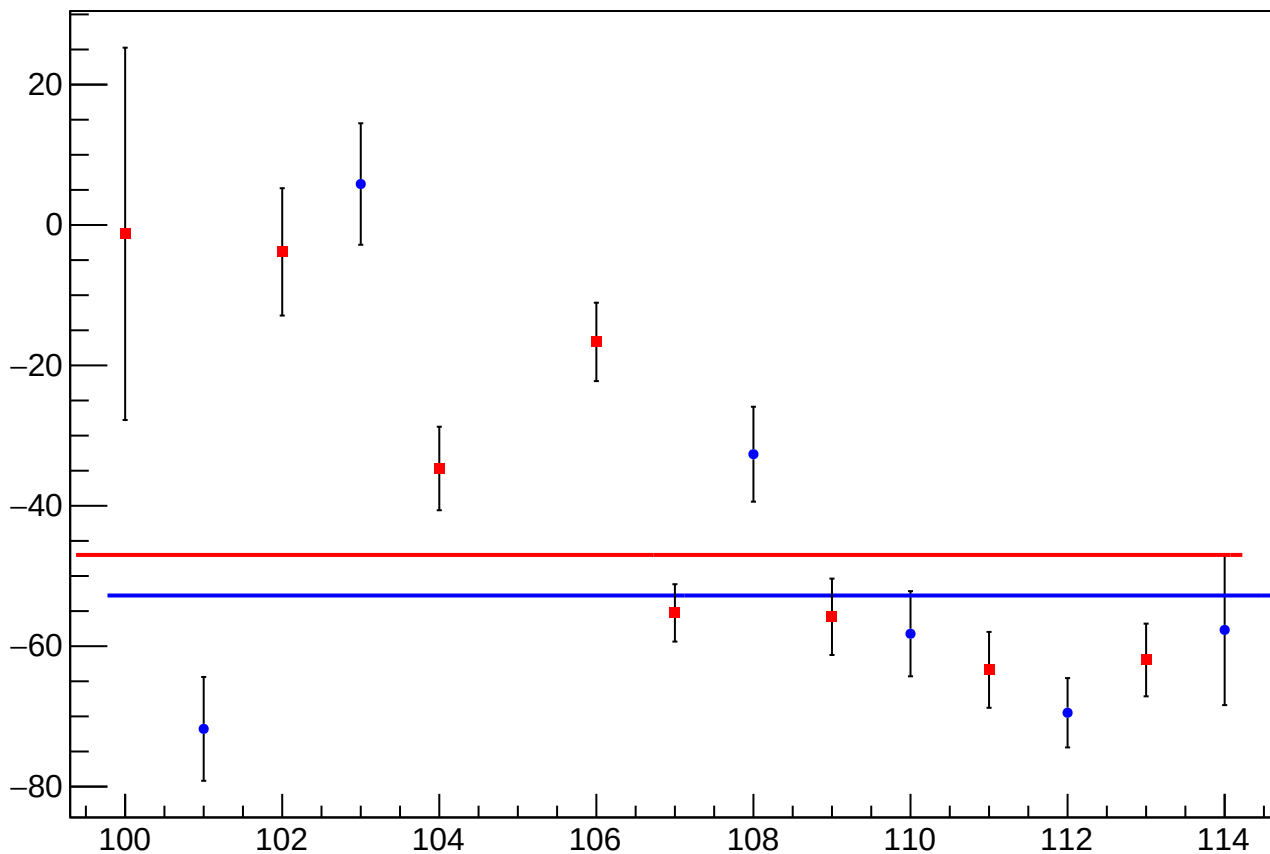
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -195.848 ± 1.356 χ^2/NDF : 2655.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug



Right In: -52.779 ± 2.769 χ^2/NDF : 73.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.997 ± 2.045 χ^2/NDF : 83.7/7

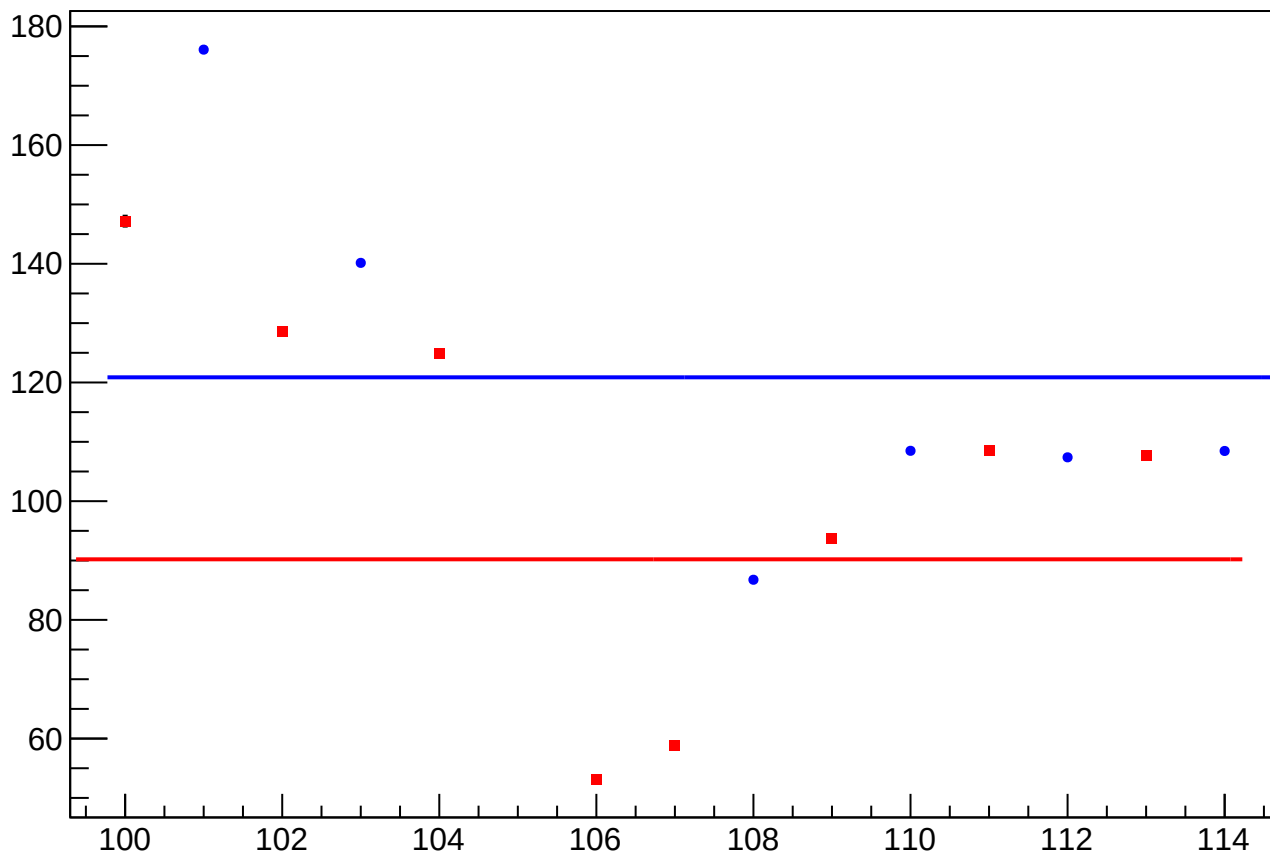
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.038 ± 1.645 χ^2/NDF : 160.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug



Right In: 120.869 $\pm$ 0.125 χ^2 /NDF: 59366.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.203 $\pm$ 0.092 χ^2 /NDF: 118241.8/7

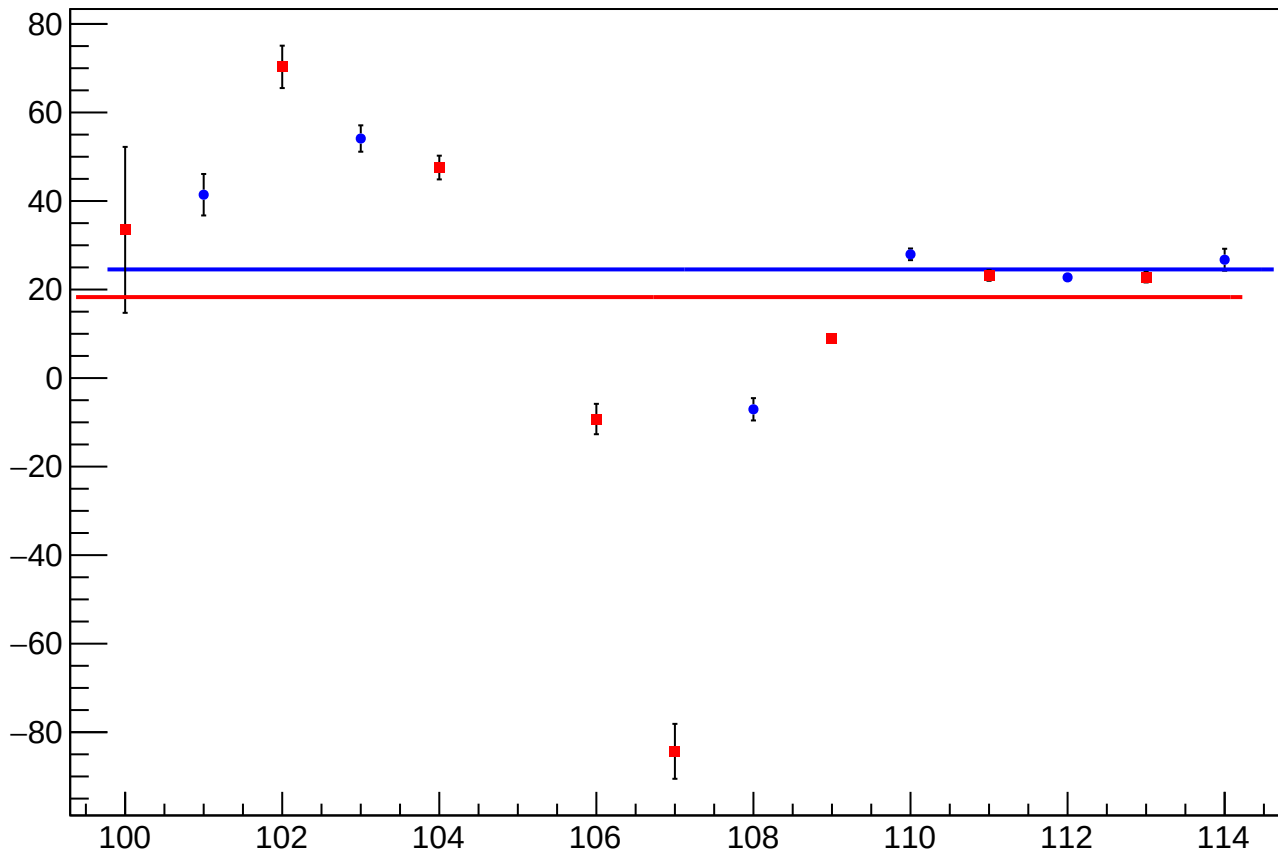
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.020 $\pm$ 0.074 χ^2 /NDF: 216446.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug



Right In: 24.545 $\pm$ 0.733 χ^2 /NDF: 278.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.294 $\pm$ 0.626 χ^2 /NDF: 680.9/7

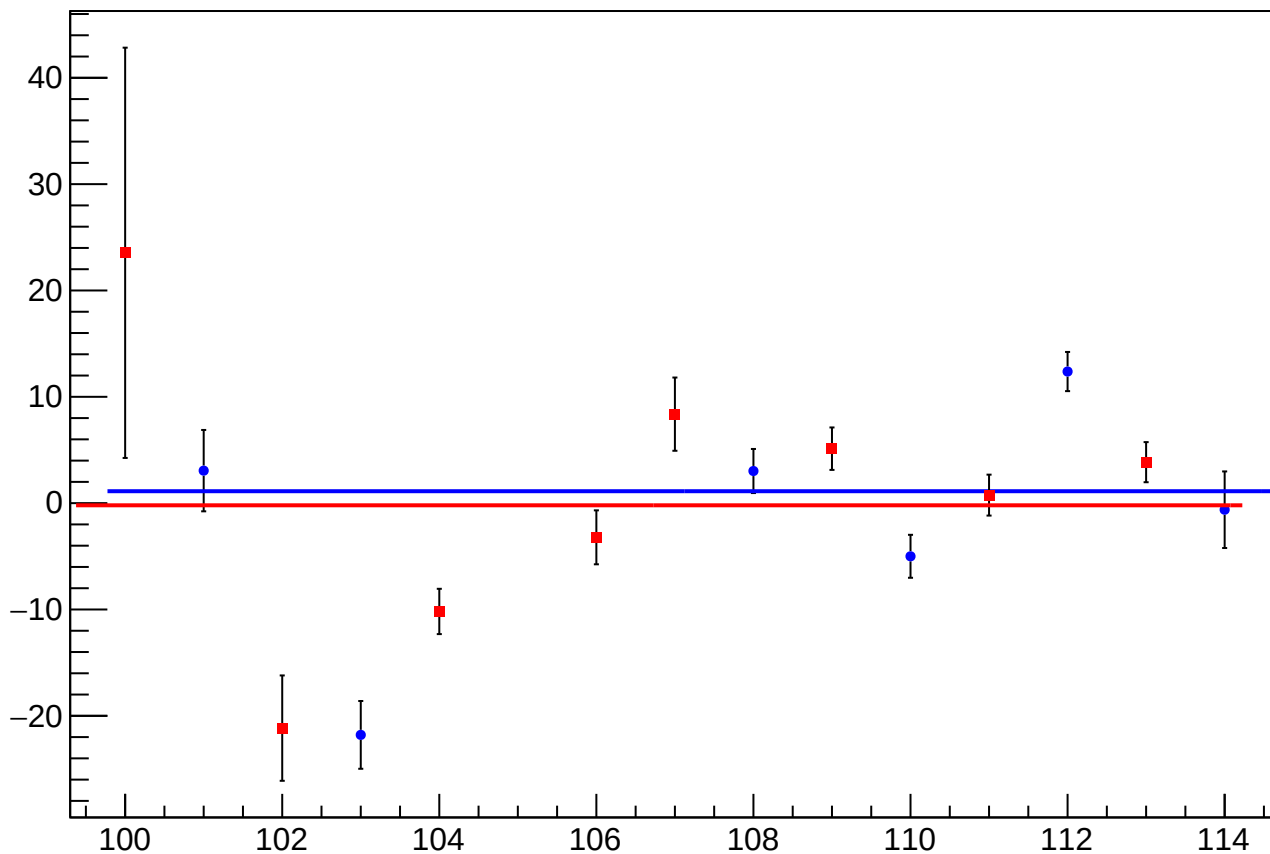
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.929 $\pm$ 0.476 χ^2 /NDF: 1001.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 1.123 $\pm$ 0.992 χ^2 /NDF: 99.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.202 $\pm$ 0.875 χ^2 /NDF: 61.0/7

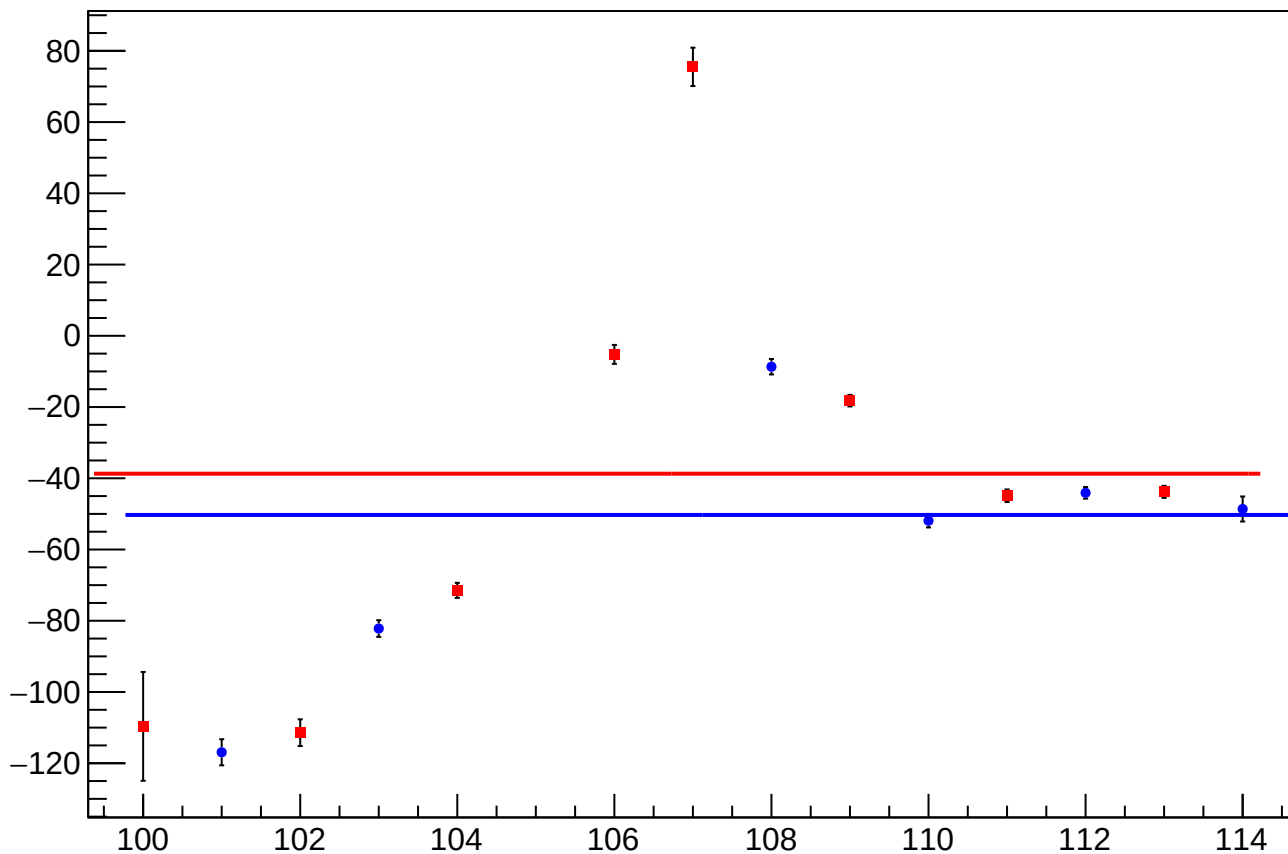
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.378 $\pm$ 0.656 χ^2 /NDF: 161.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -50.290 $\pm$ 0.910 χ^2 /NDF: 897.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.712 $\pm$ 0.809 χ^2 /NDF: 1427.8/7

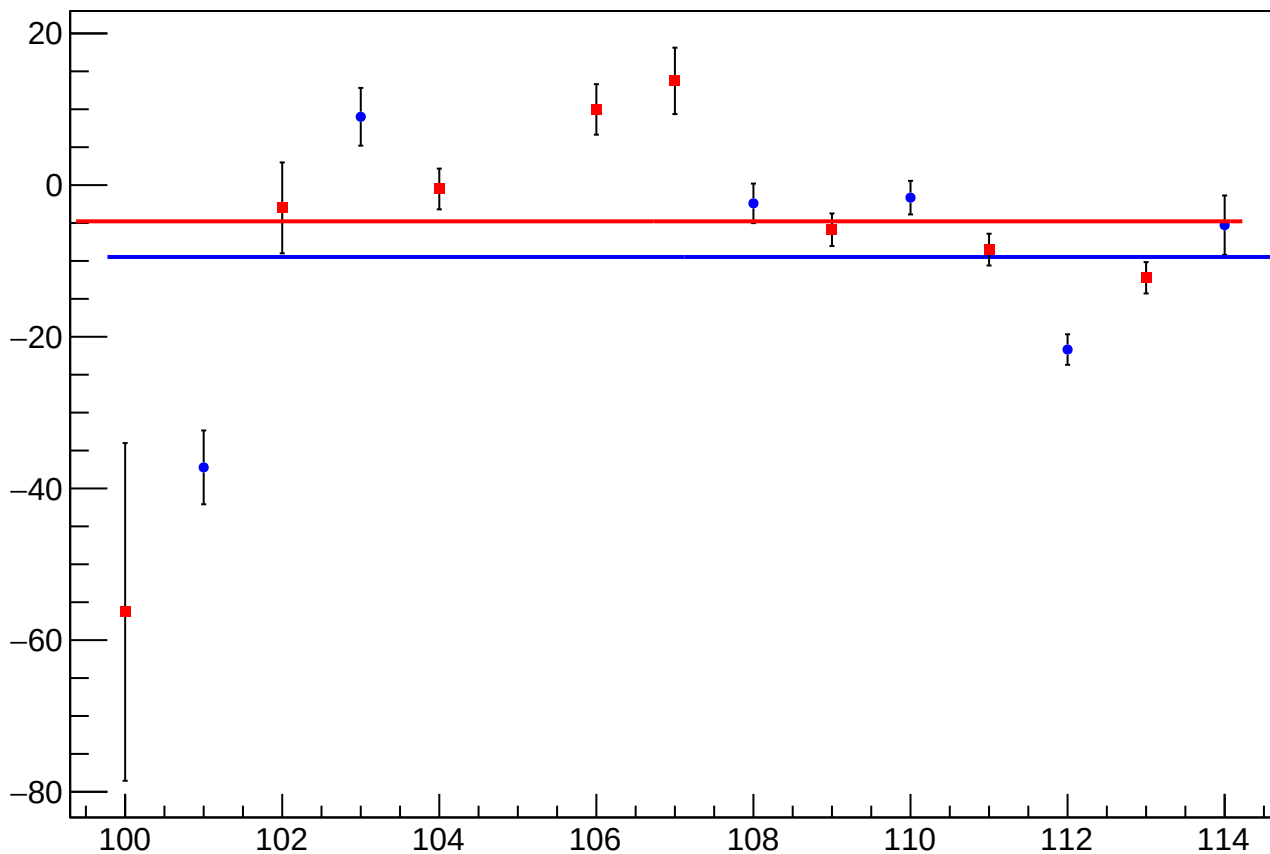
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.823 $\pm$ 0.605 χ^2 /NDF: 2415.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -9.477+/-1.136 χ^2/NDF : 113.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.778+/-1.005 χ^2/NDF : 61.9/7

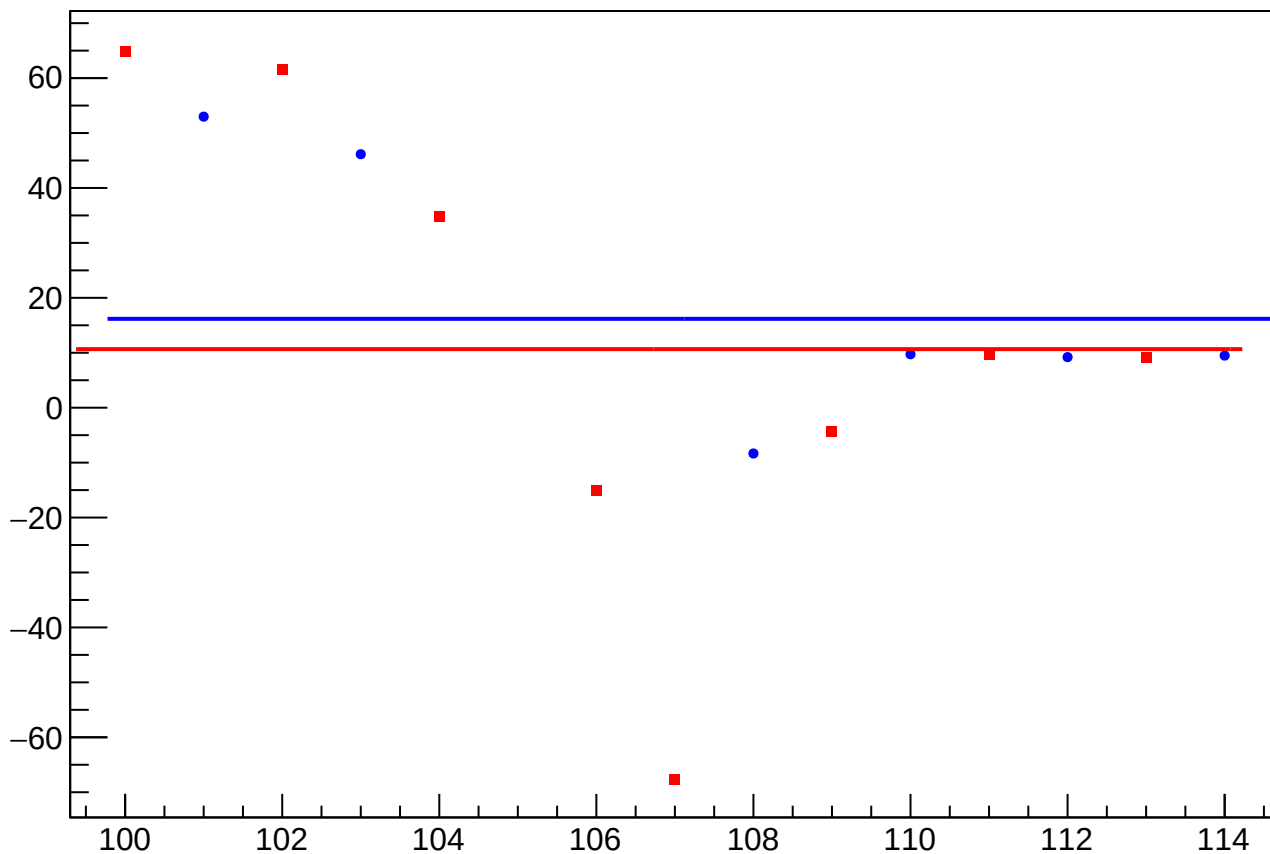
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.841+/-0.753 χ^2/NDF : 185.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 16.178 $\pm$ 0.052 χ^2 /NDF: 203942.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.659 $\pm$ 0.050 χ^2 /NDF: 342033.6/7

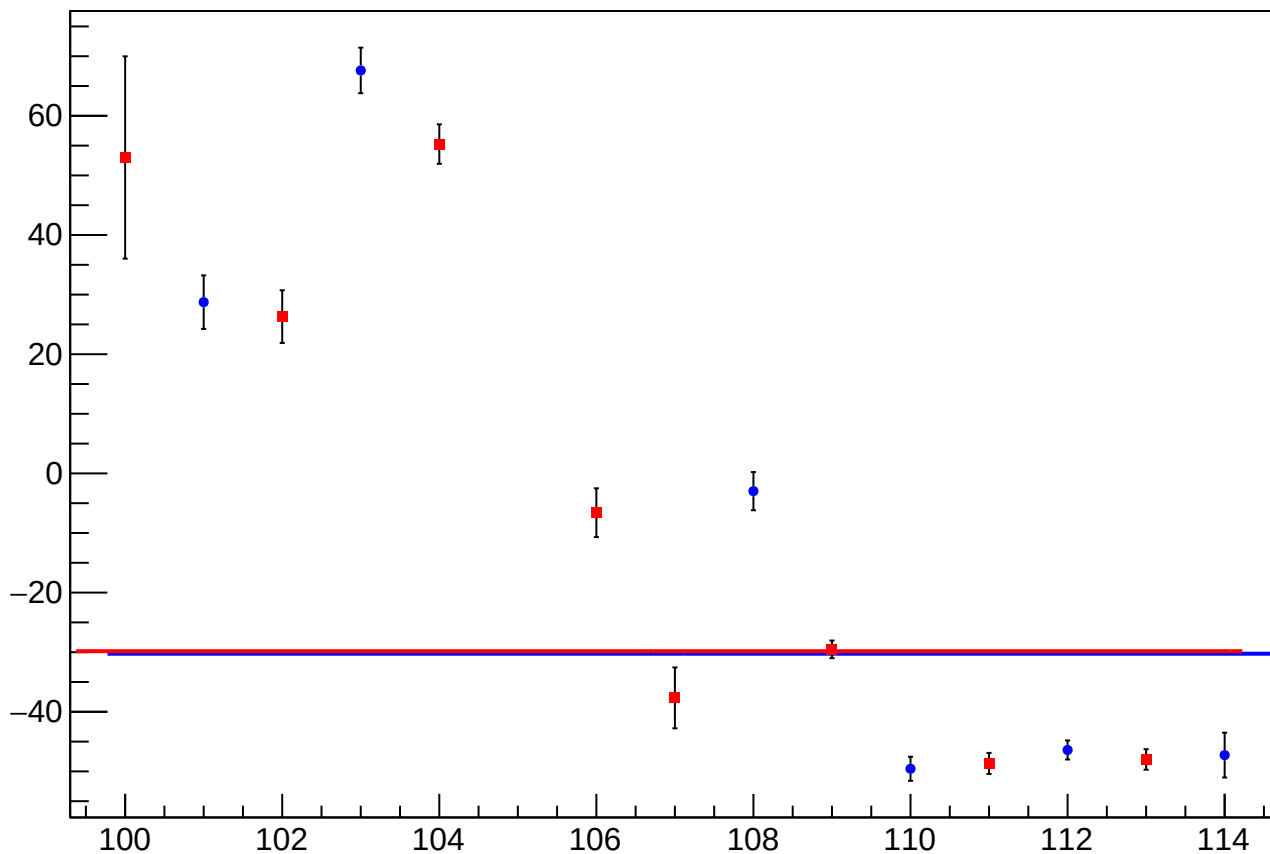
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.302 $\pm$ 0.036 χ^2 /NDF: 551826.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug



Right In: -30.253+/-1.040 χ^2/NDF : 1115.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.832+/-0.857 χ^2/NDF : 1106.2/7

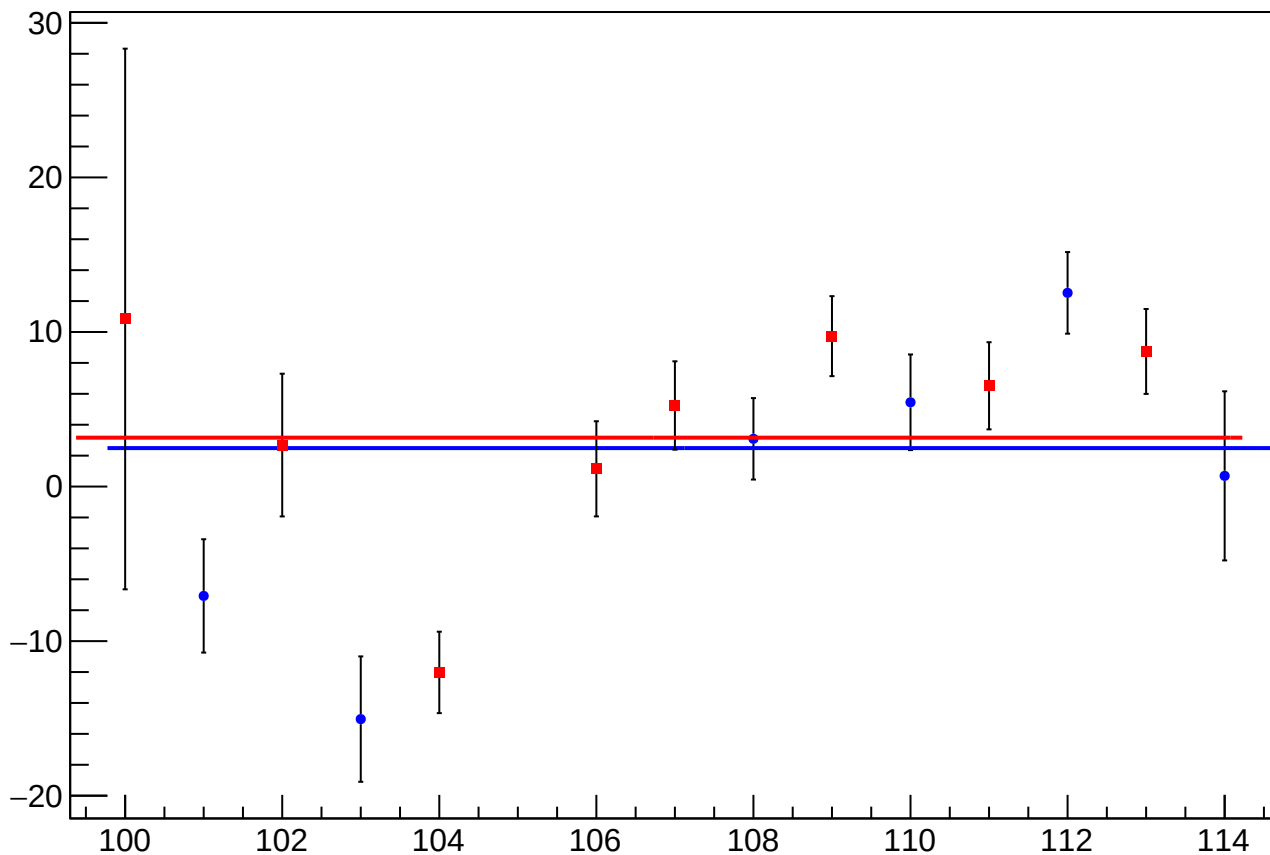
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.002+/-0.661 χ^2/NDF : 2222.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 2.488 $\pm$ 1.336 χ^2 /NDF: 41.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.163 $\pm$ 1.098 χ^2 /NDF: 46.4/7

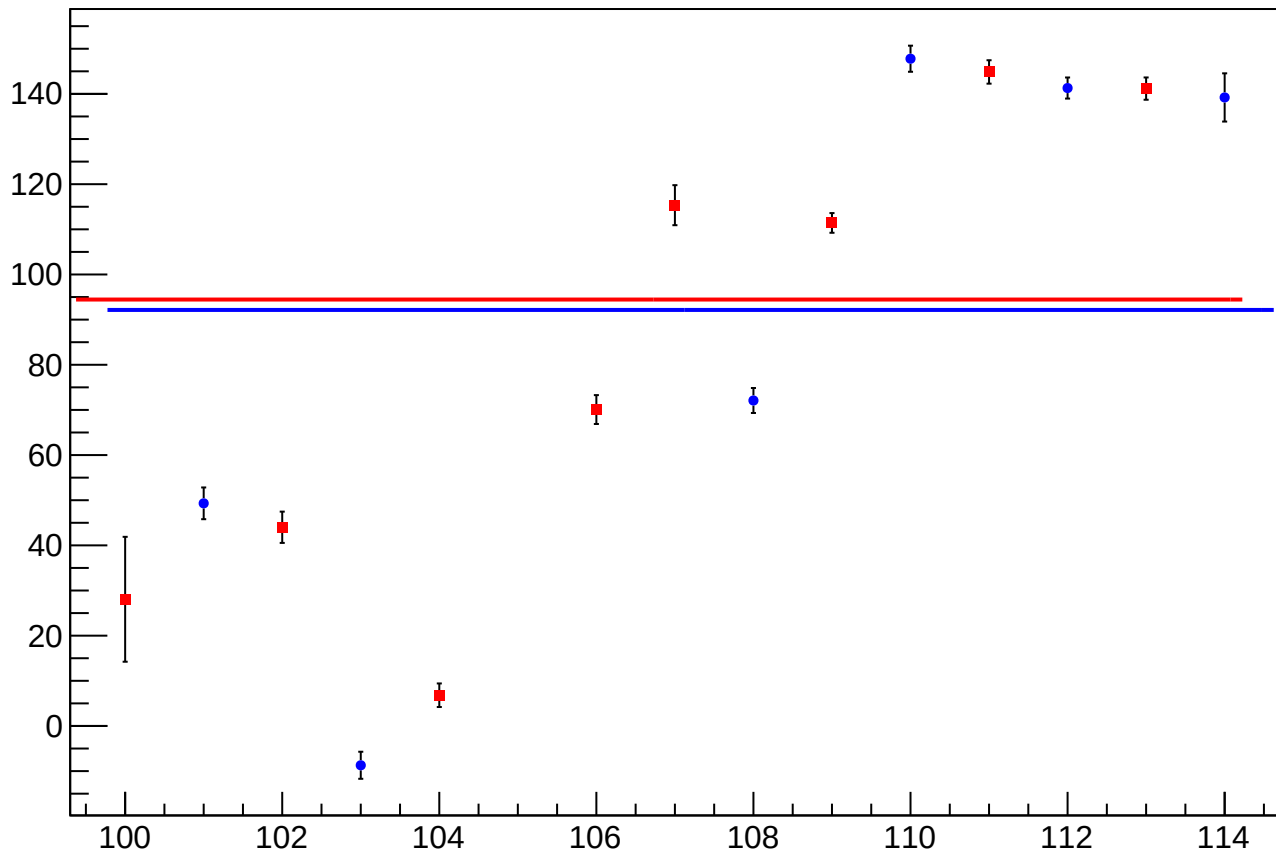
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.891 $\pm$ 0.848 χ^2 /NDF: 87.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 92.147 $\pm$ 1.230 χ^2 /NDF: 2224.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.449 $\pm$ 1.050 χ^2 /NDF: 2239.5/7

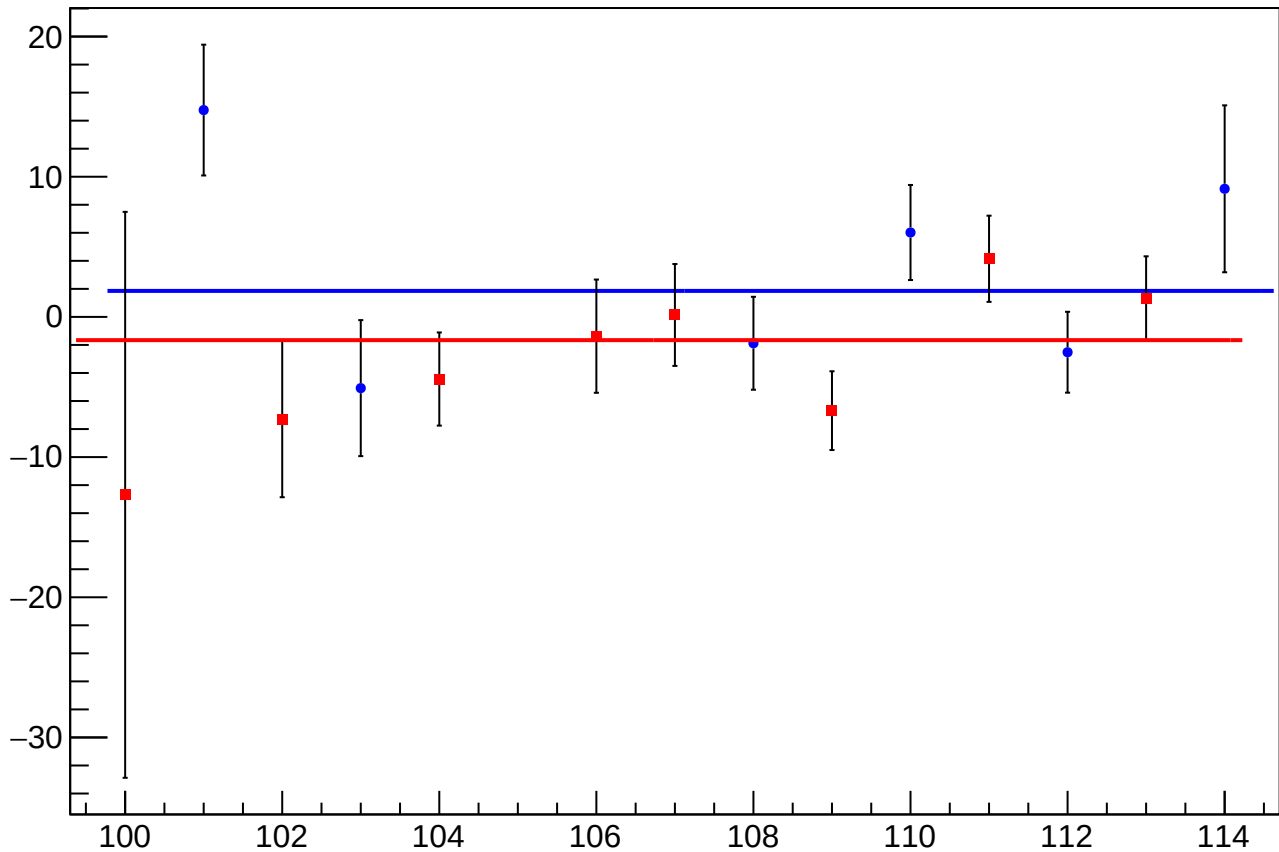
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.479 $\pm$ 0.799 χ^2 /NDF: 4466.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 1.855+/-1.553 χ^2/NDF : 16.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.658+/-1.285 χ^2/NDF : 10.0/7

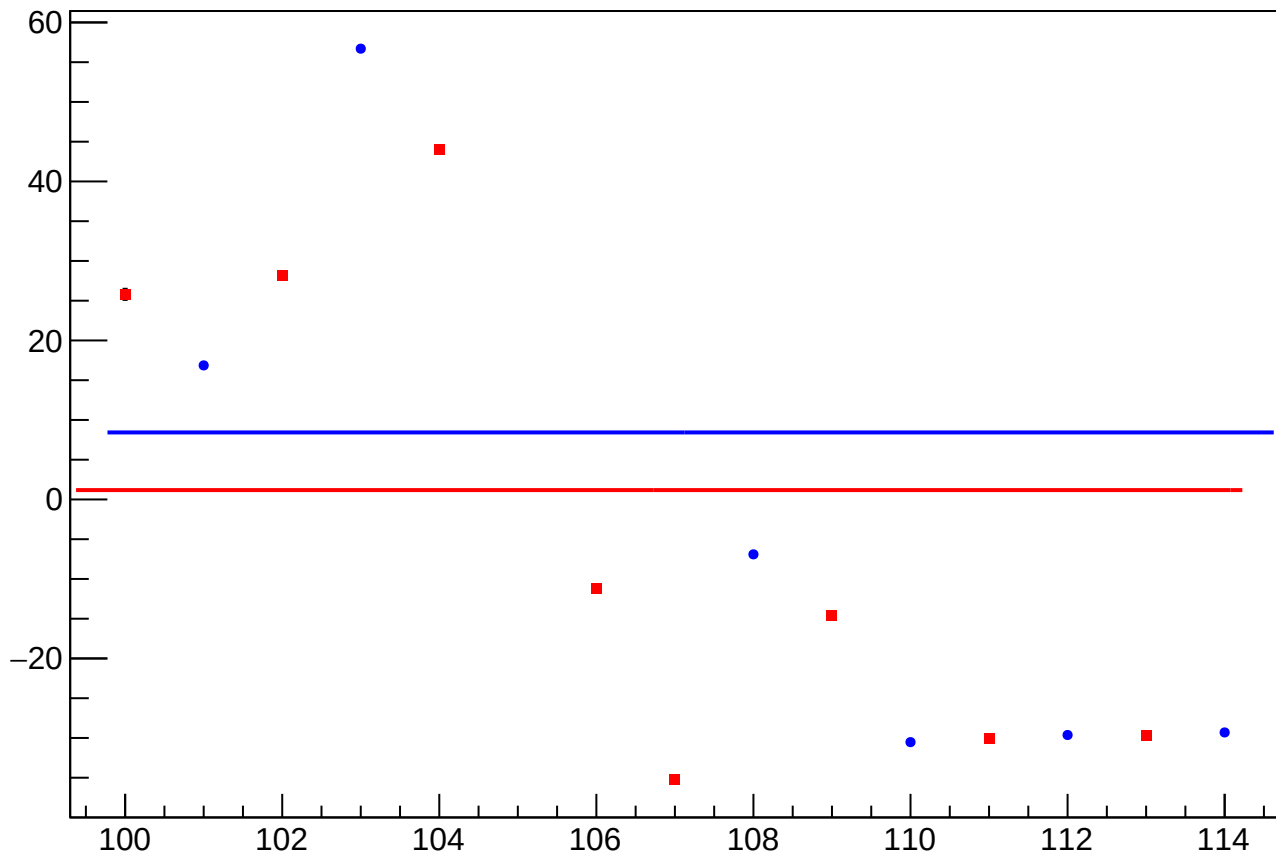
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.230+/-0.990 χ^2/NDF : 29.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug



Right In: 8.429+/-0.068 χ^2/NDF : 245449.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.178+/-0.060 χ^2/NDF : 256998.9/7

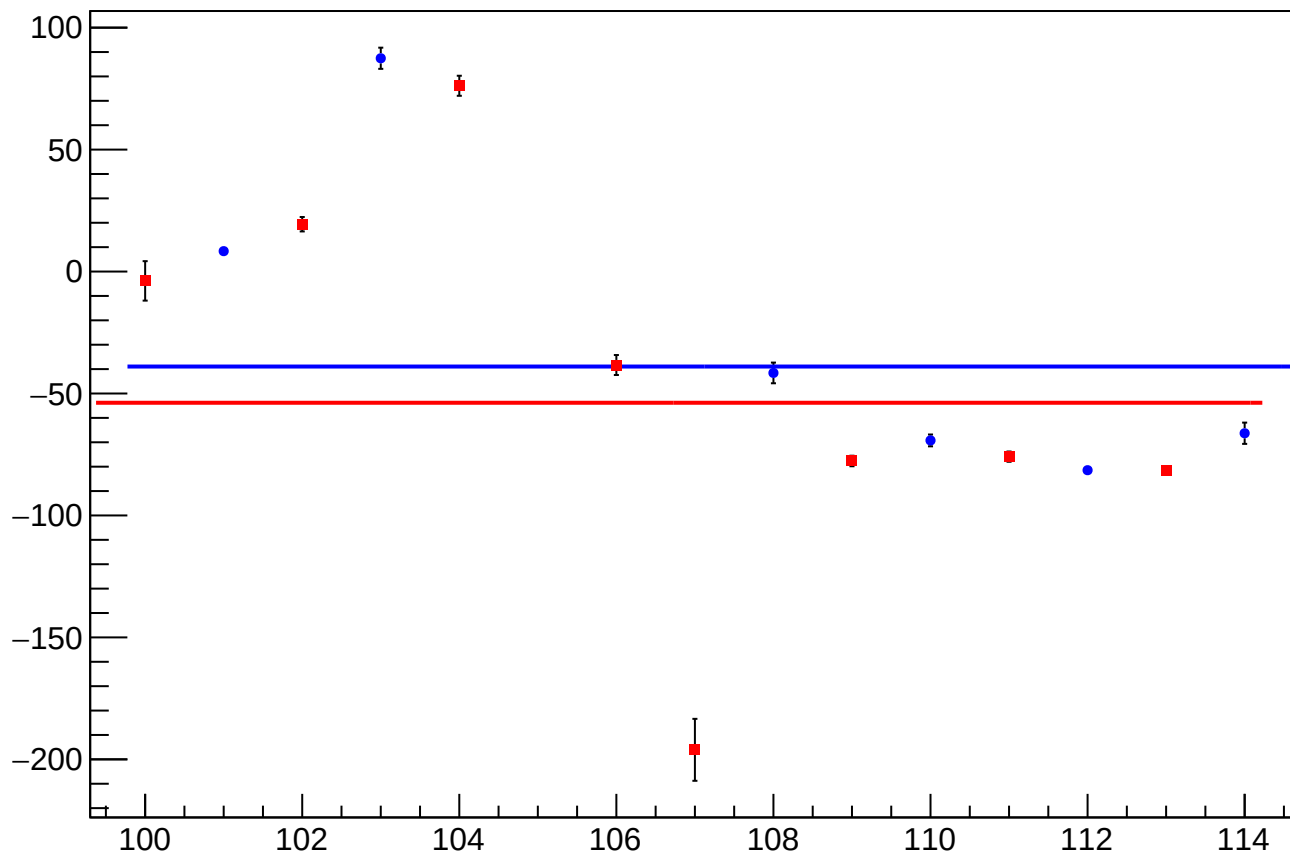
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.375+/-0.045 χ^2/NDF : 508856.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -38.943 $\pm$ 1.082 χ^2 /NDF: 2095.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -53.796 $\pm$ 1.033 χ^2 /NDF: 2210.7/7

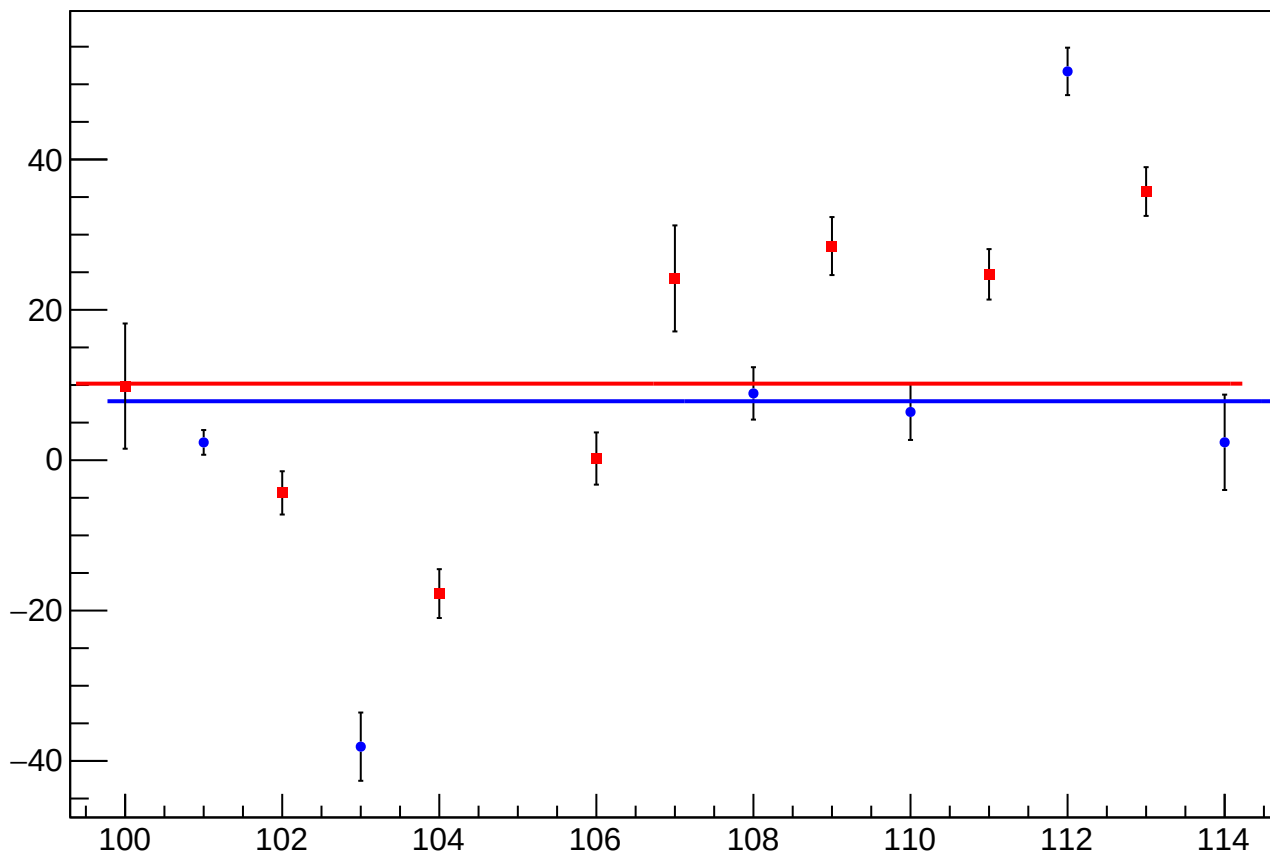
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.711 $\pm$ 0.747 χ^2 /NDF: 4404.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 7.844 $\pm$ 1.197 χ^2 /NDF: 307.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.182 $\pm$ 1.309 χ^2 /NDF: 214.9/7

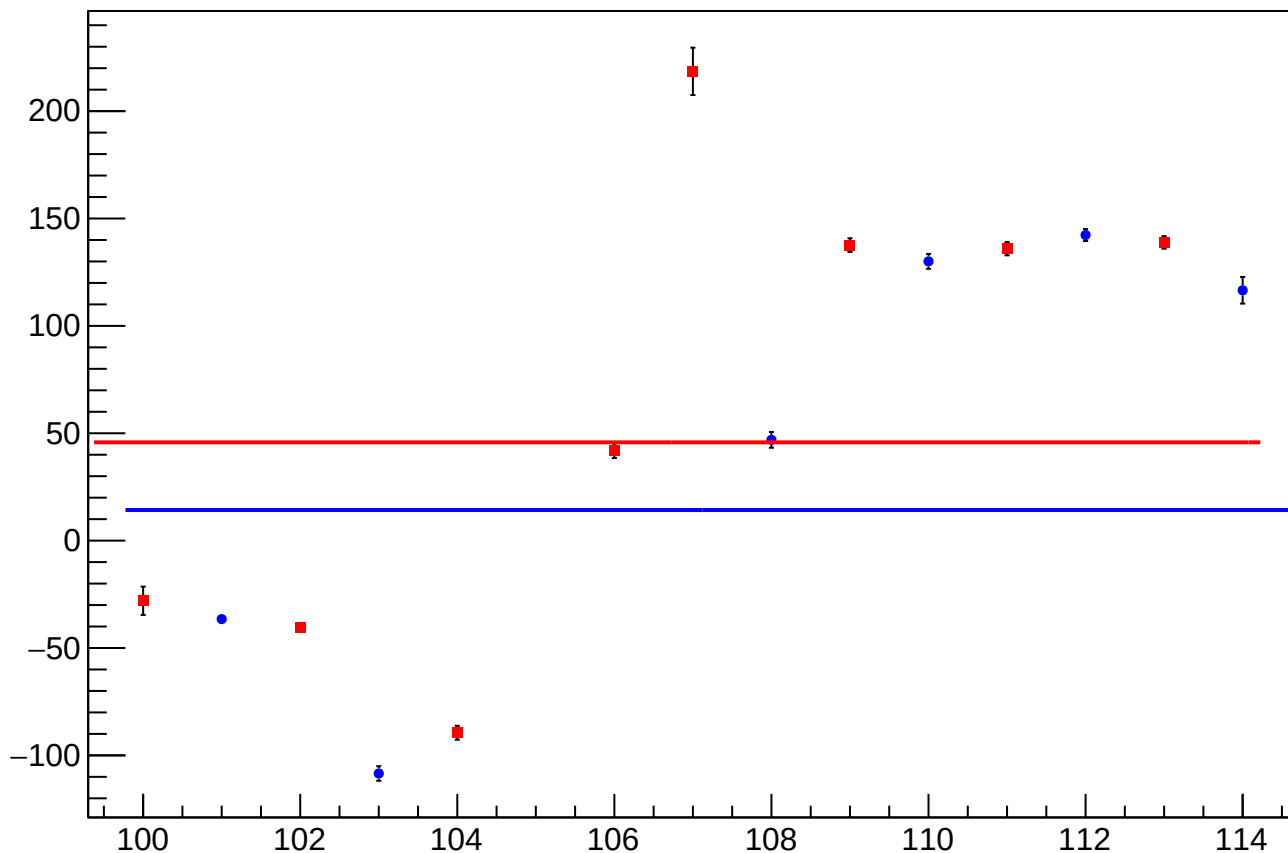
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.909 $\pm$ 0.883 χ^2 /NDF: 524.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 14.251+/-1.116 χ^2/NDF : 5908.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.764+/-1.178 χ^2/NDF : 6207.2/7

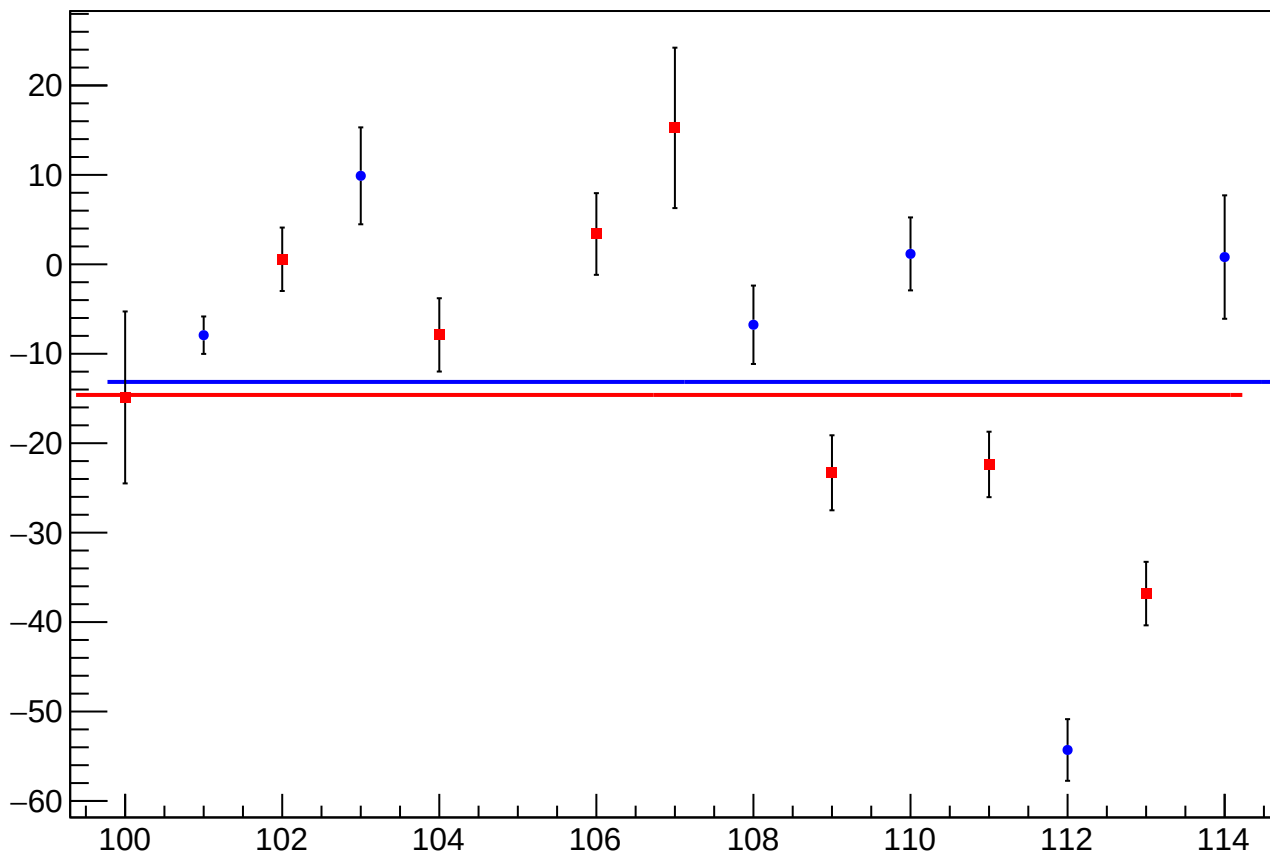
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.151+/-0.810 χ^2/NDF : 12492.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -13.148 $\pm$ 1.444 χ^2 /NDF: 185.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.604 $\pm$ 1.541 χ^2 /NDF: 95.6/7

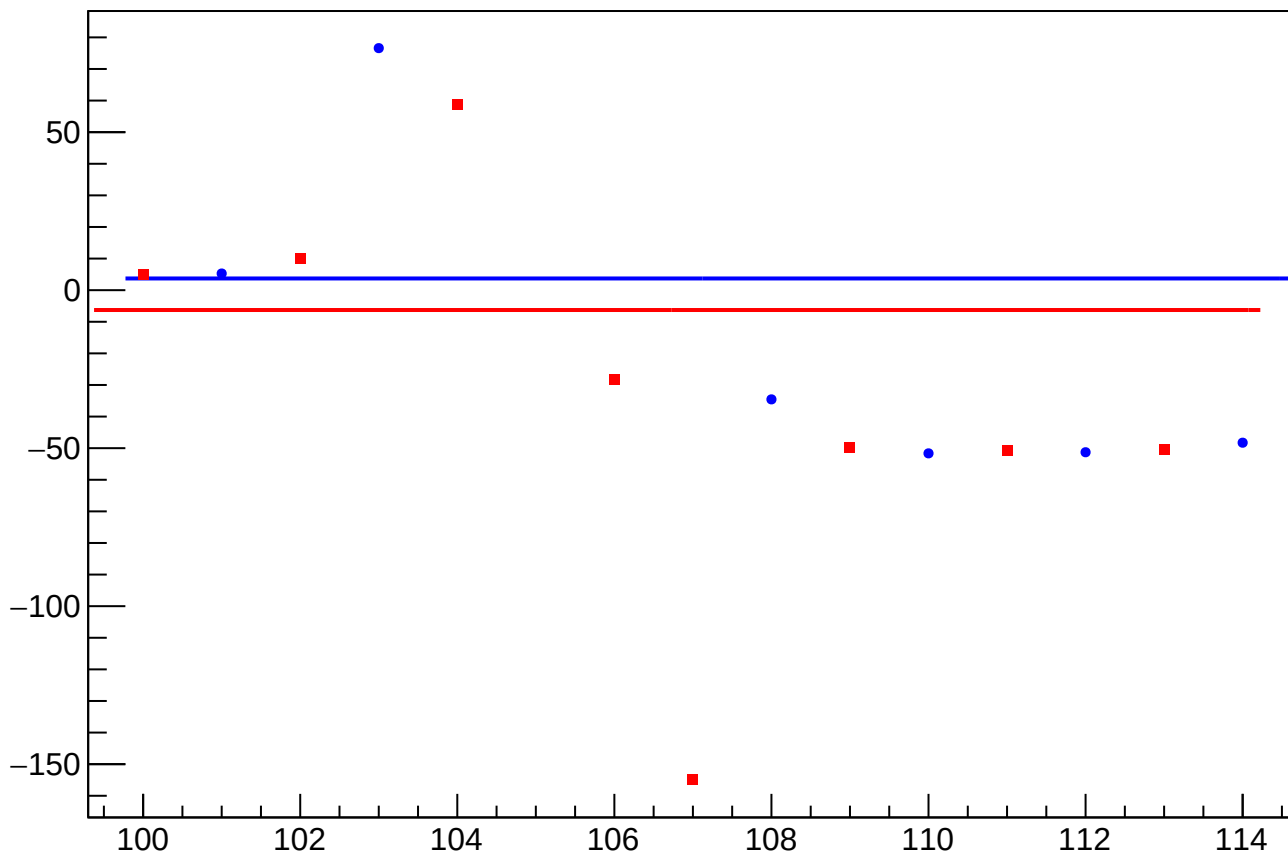
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.829 $\pm$ 1.054 χ^2 /NDF: 281.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: 3.704+/-0.064 χ^2/NDF : 439893.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.278+/-0.064 χ^2/NDF : 441823.8/7

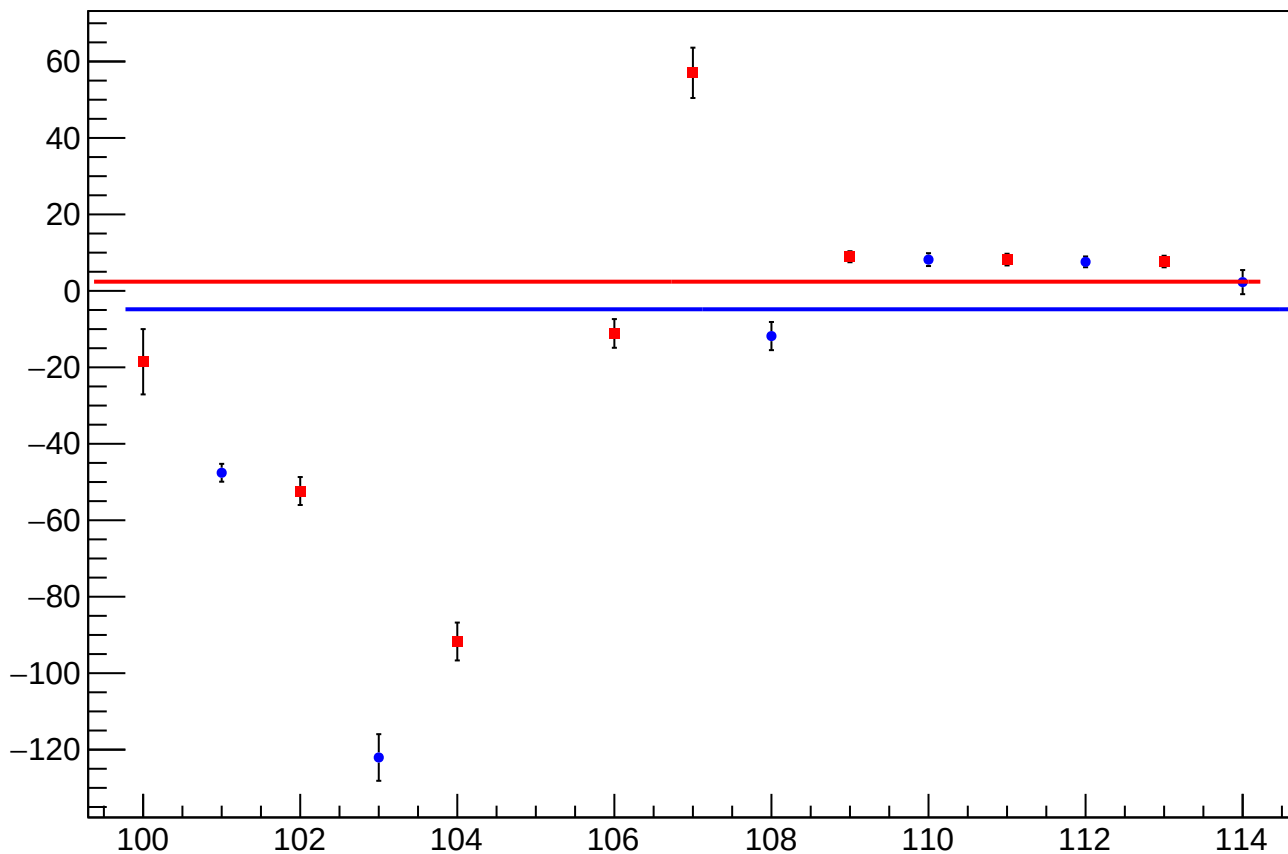
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.306+/-0.045 χ^2/NDF : 894024.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -4.815+/-0.899 χ^2/NDF : 850.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.405+/-0.798 χ^2/NDF : 720.1/7

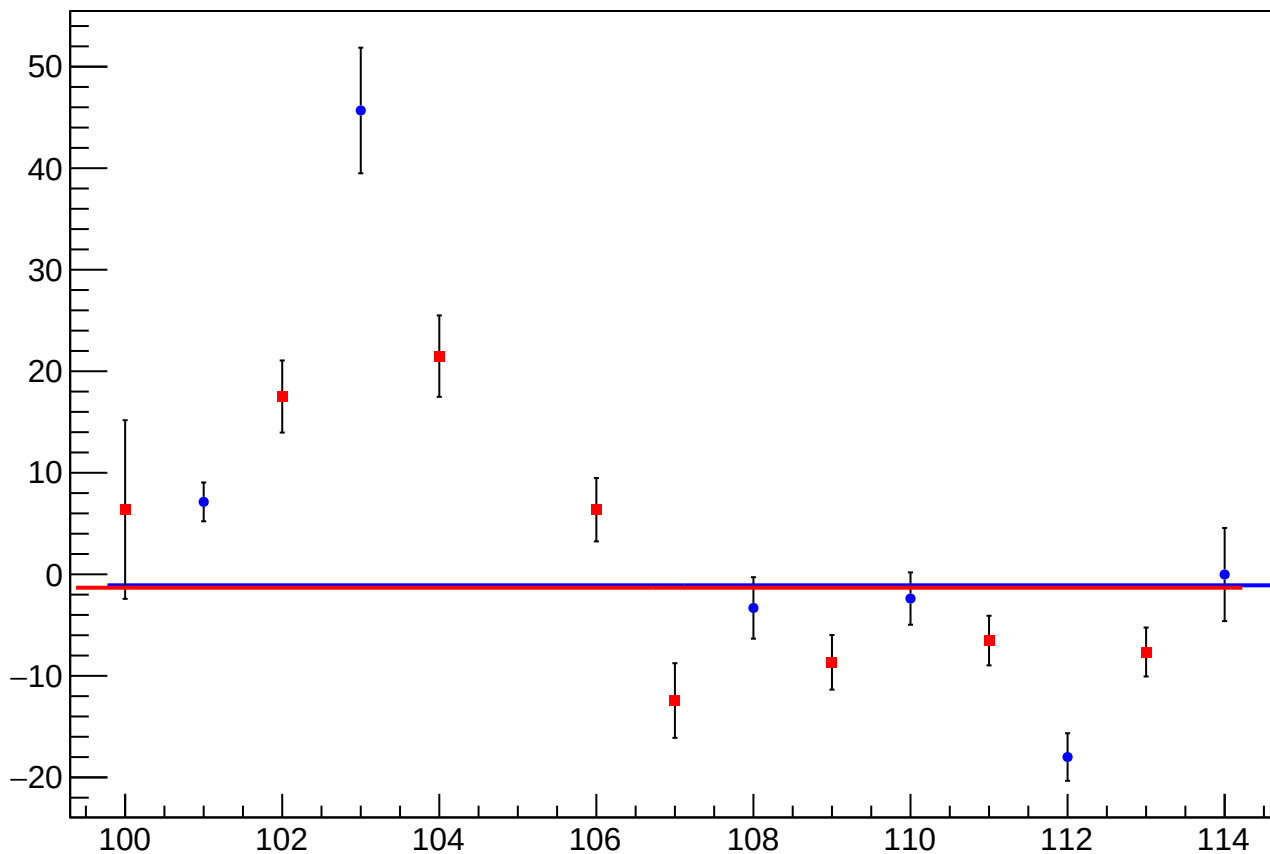
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.779+/-0.597 χ^2/NDF : 1606.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.083 ± 1.126 χ^2/NDF : 128.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.318 ± 1.112 χ^2/NDF : 95.4/7

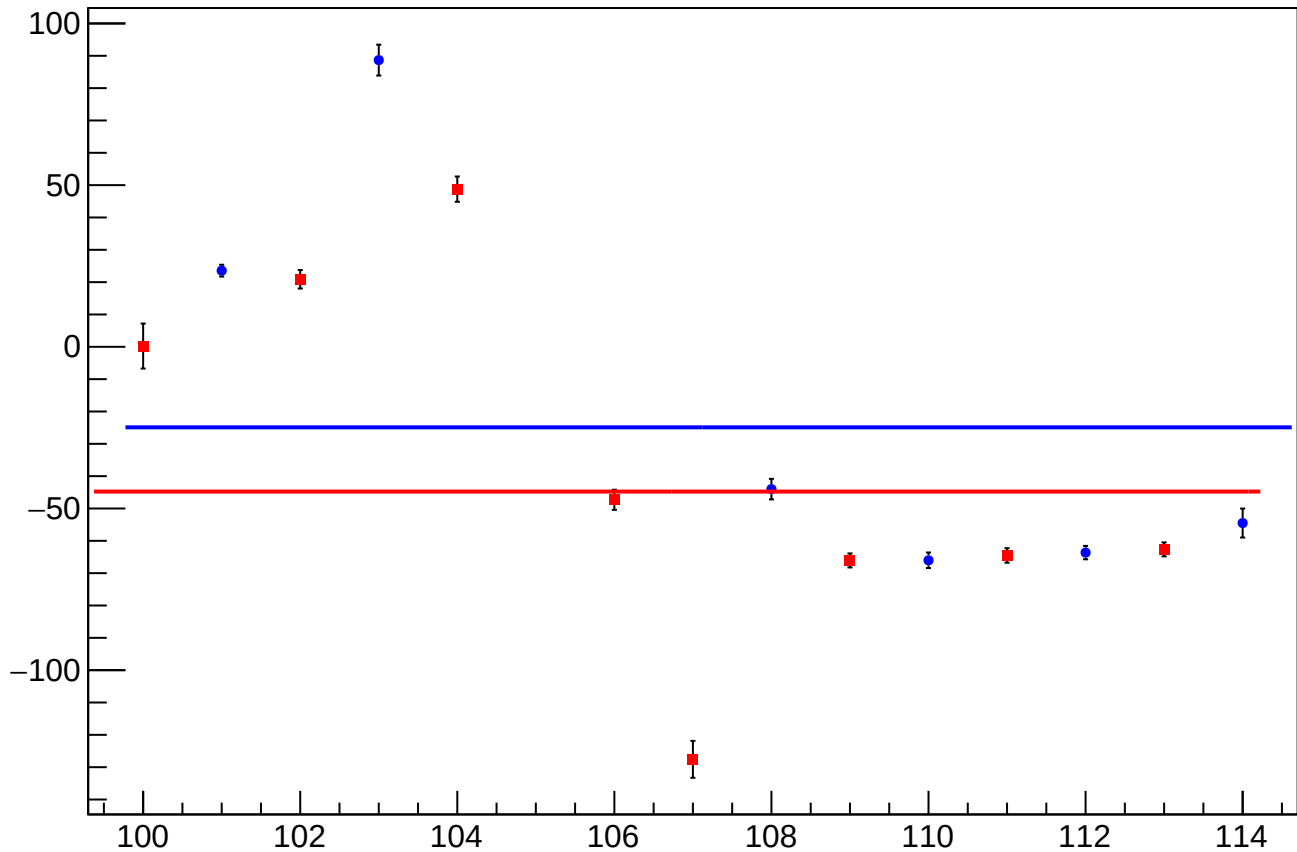
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.202 ± 0.791 χ^2/NDF : 224.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -24.899 $\pm$ 1.055 χ^2 /NDF: 1990.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.764 $\pm$ 1.017 χ^2 /NDF: 1593.8/7

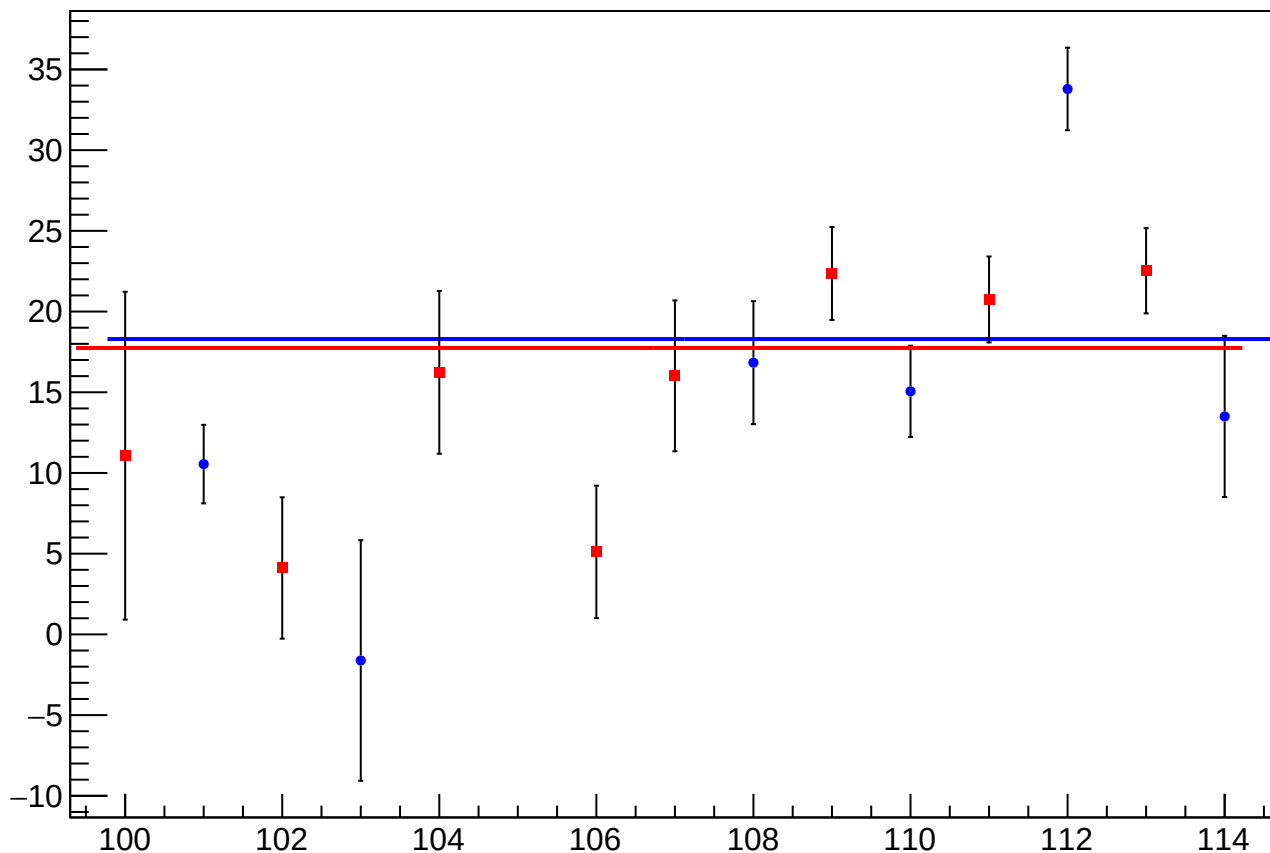
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.198 $\pm$ 0.732 χ^2 /NDF: 3767.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 18.298 $\pm$ 1.320 χ^2 /NDF: 56.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.744 $\pm$ 1.279 χ^2 /NDF: 27.0/7

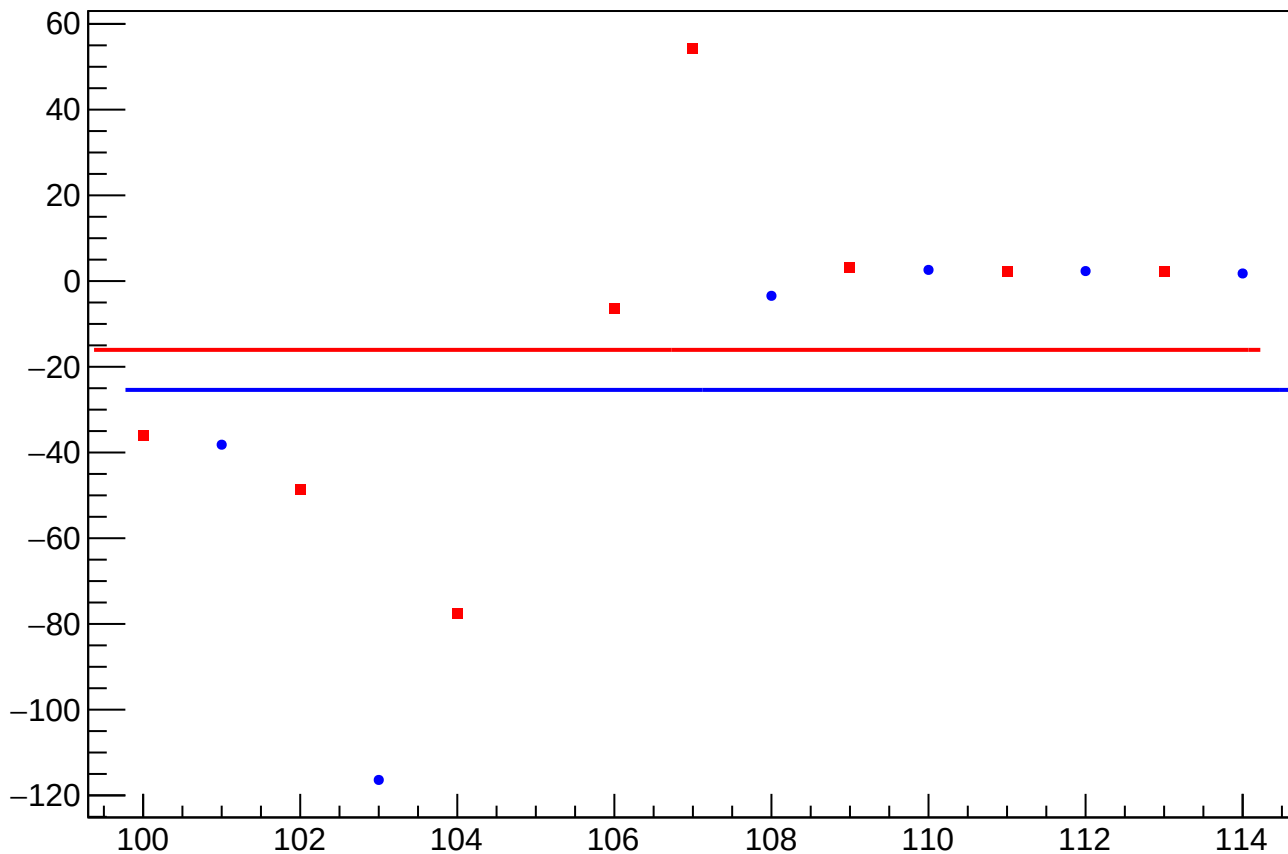
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.013 $\pm$ 0.919 χ^2 /NDF: 83.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -25.392 $\pm$ 0.065 χ^2 /NDF: 299158.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.051 $\pm$ 0.061 χ^2 /NDF: 306335.0/7

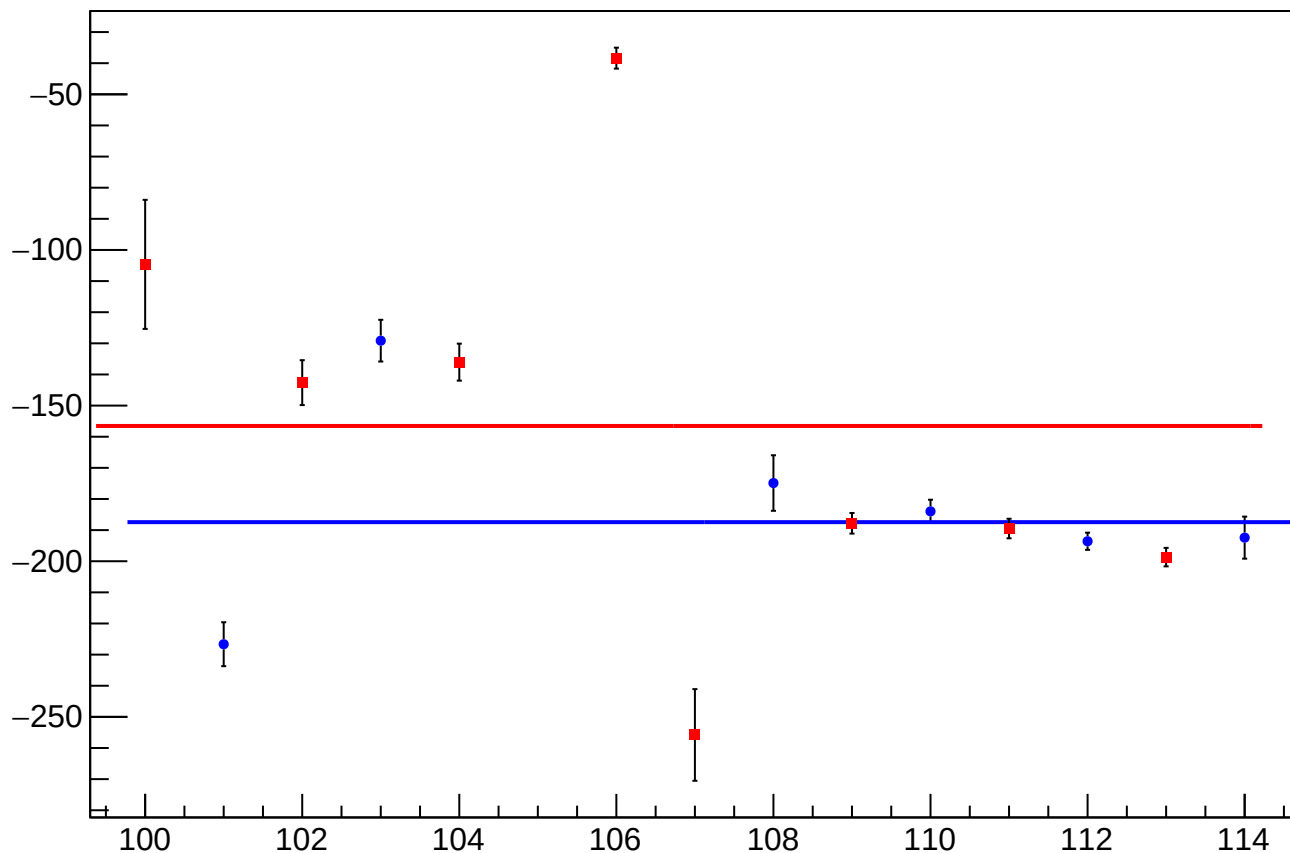
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.421 $\pm$ 0.044 χ^2 /NDF: 616634.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -187.442 $\pm$ 1.890 χ^2 /NDF: 114.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -156.547 $\pm$ 1.493 χ^2 /NDF: 1701.2/7

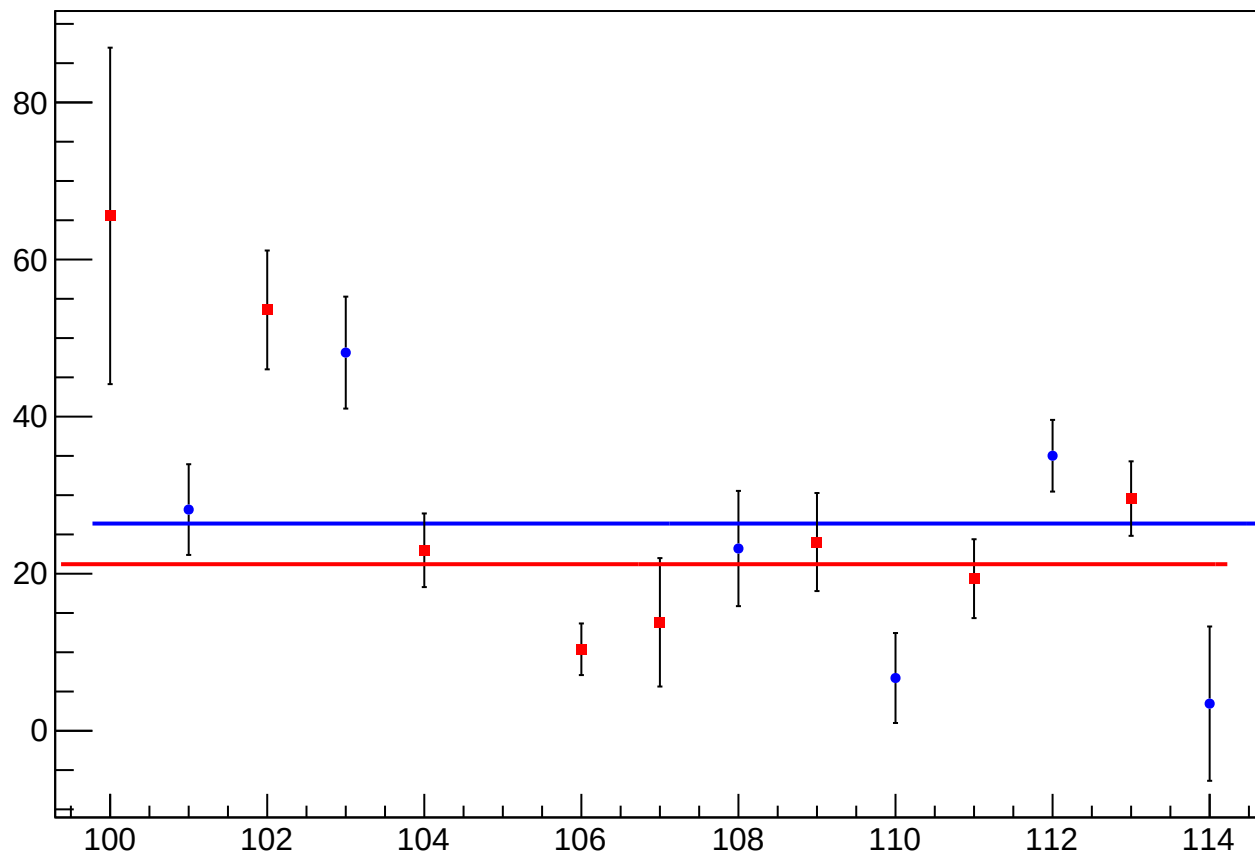
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -168.418 $\pm$ 1.172 χ^2 /NDF: 1980.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 26.387 $\pm$ 2.523 χ^2 /NDF: 30.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.212 $\pm$ 1.881 χ^2 /NDF: 37.9/7

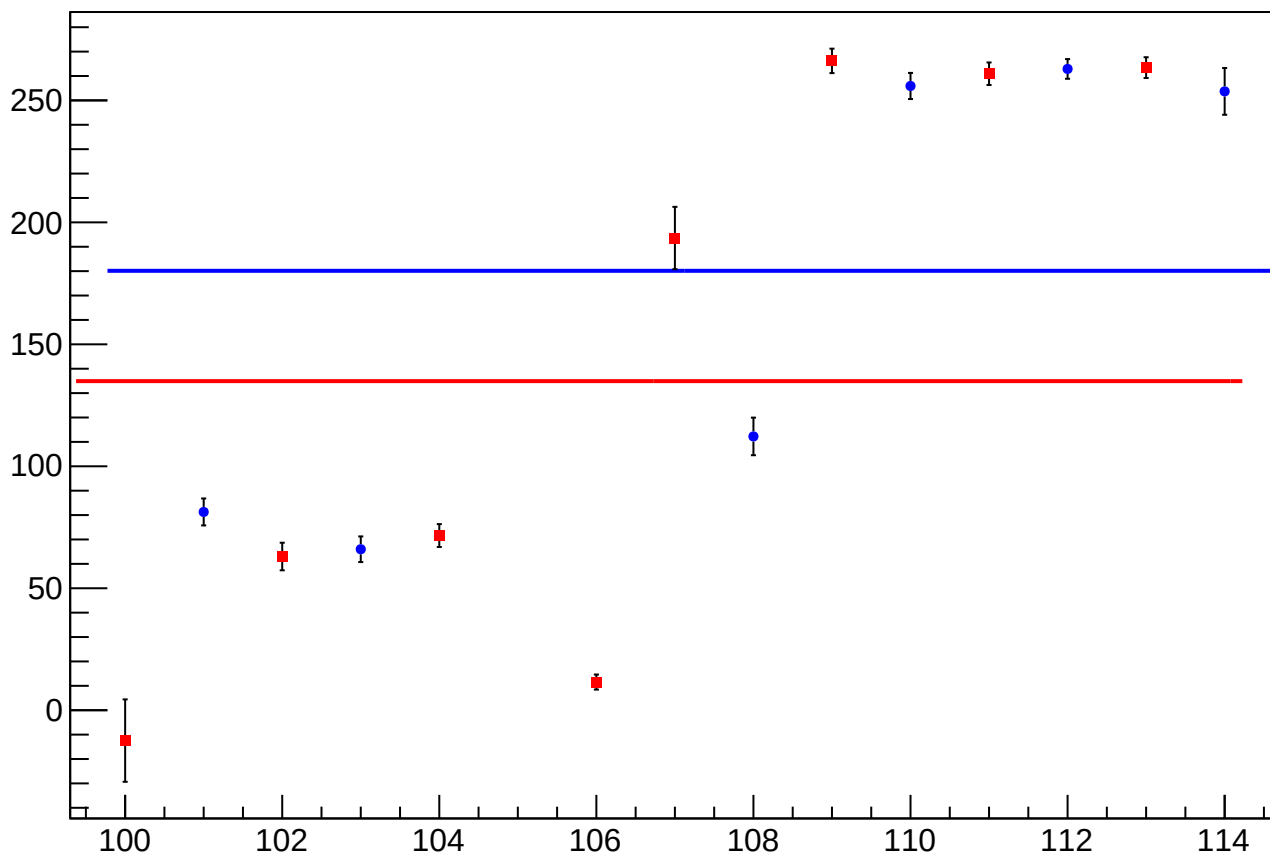
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.061 $\pm$ 1.508 χ^2 /NDF: 71.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 180.136 $\pm$ 2.278 χ^2 /NDF: 1547.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.916 $\pm$ 1.732 χ^2 /NDF: 4379.8/7

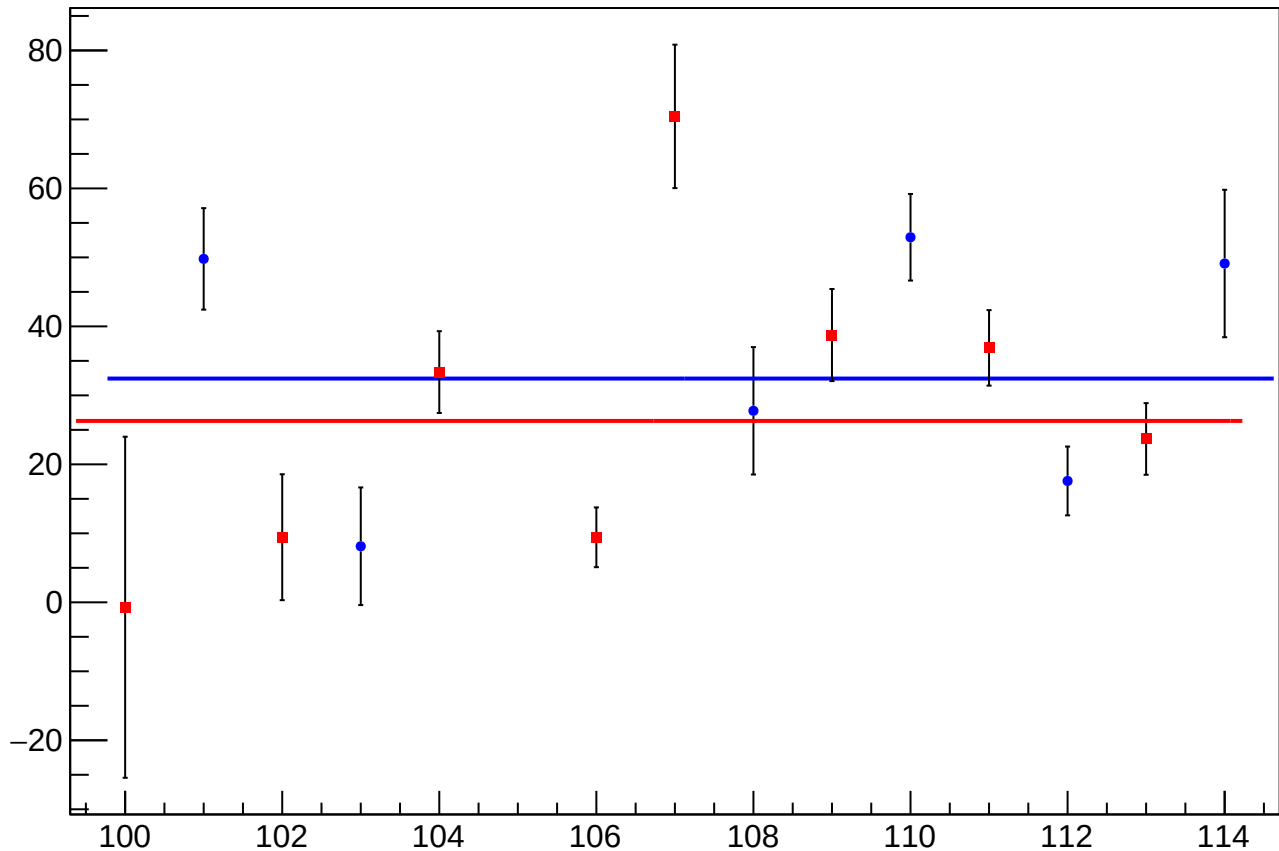
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.489 $\pm$ 1.379 χ^2 /NDF: 6177.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 32.437 $\pm$ 2.907 χ^2 /NDF: 35.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.295 $\pm$ 2.250 χ^2 /NDF: 46.7/7

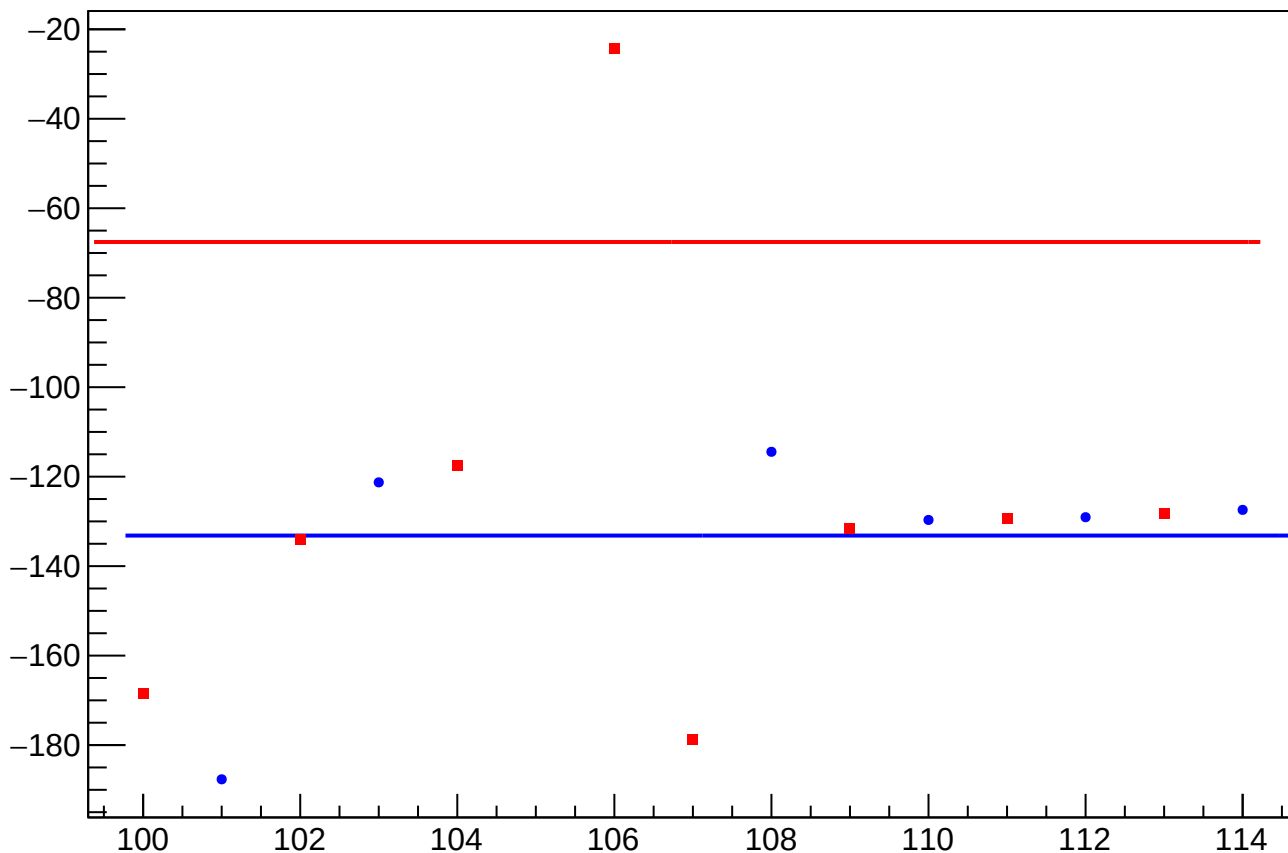
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.596 $\pm$ 1.779 χ^2 /NDF: 85.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -133.167+/-0.133 χ^2/NDF : 33964.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.543+/-0.079 χ^2/NDF : 456937.9/7

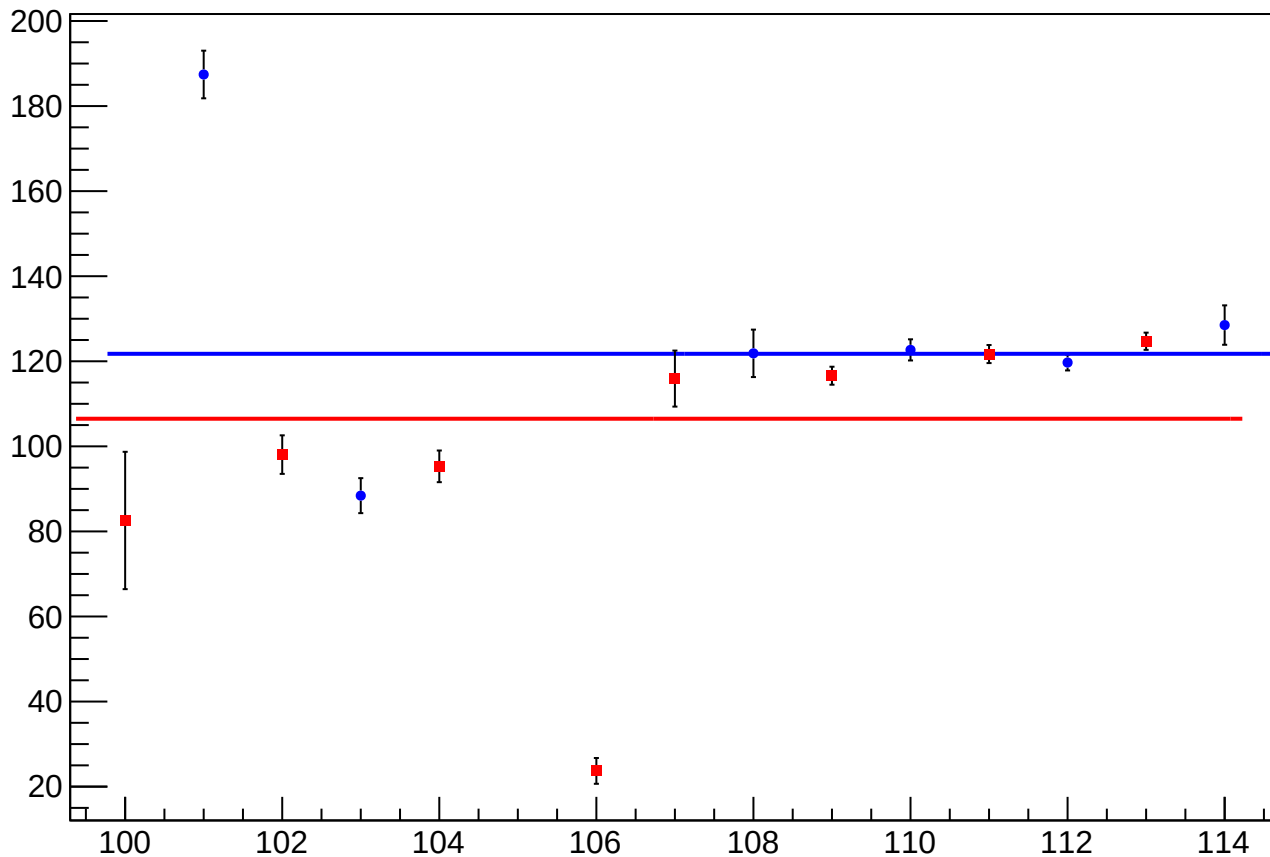
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.559+/-0.068 χ^2/NDF : 671460.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 121.756 $\pm$ 1.270 χ^2 /NDF: 206.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.492 $\pm$ 1.028 χ^2 /NDF: 917.6/7

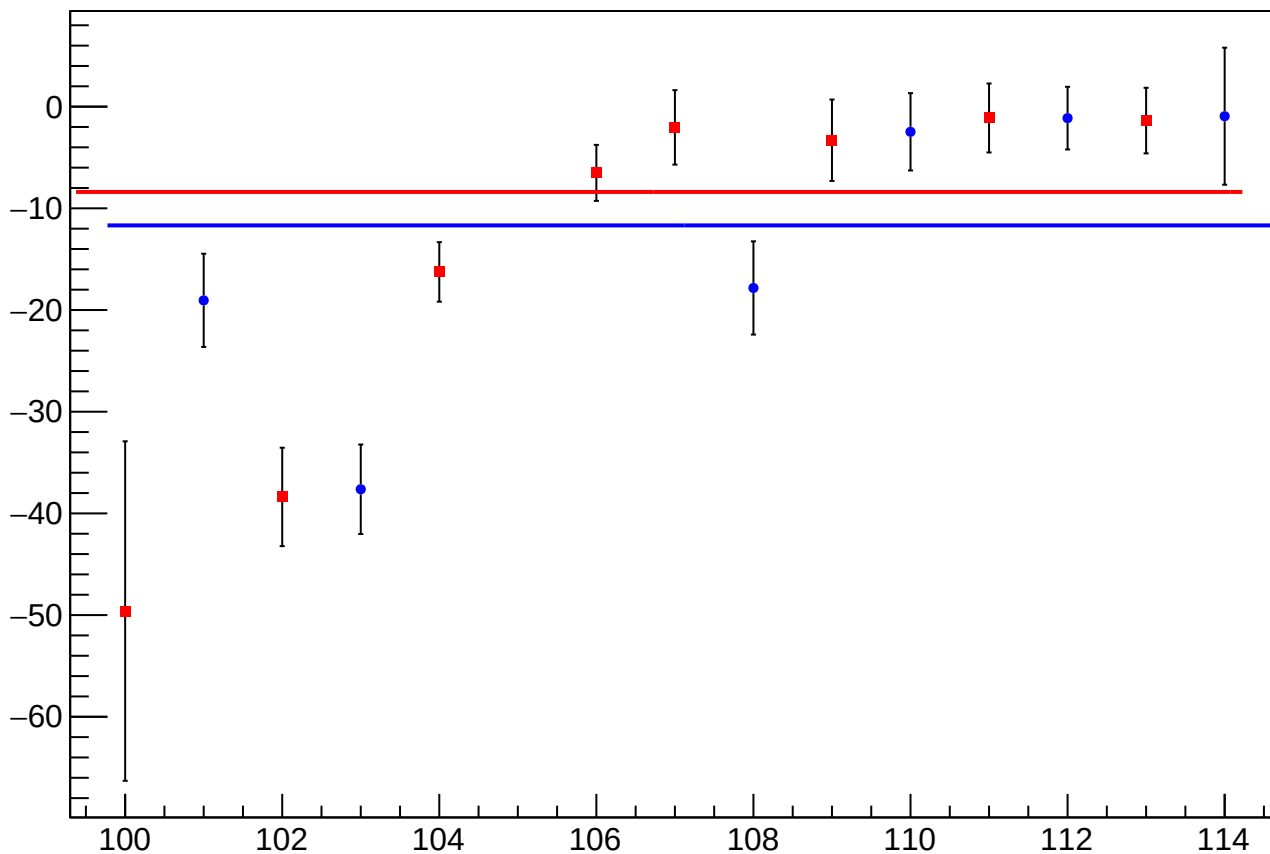
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.530 $\pm$ 0.799 χ^2 /NDF: 1211.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -11.679+/-1.707 χ^2/NDF : 59.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.390+/-1.275 χ^2/NDF : 66.1/7

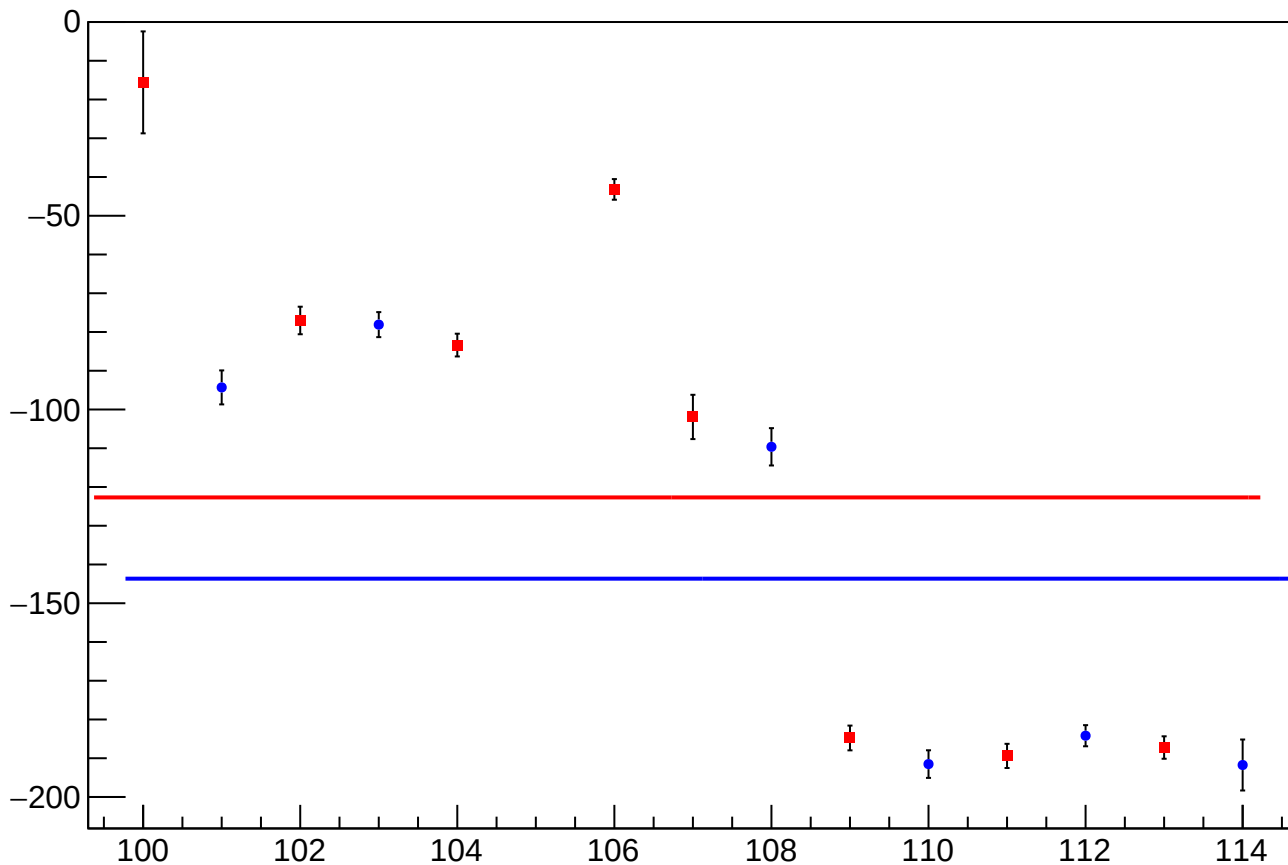
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.568+/-1.022 χ^2/NDF : 127.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -143.659+/-1.530 χ^2/NDF : 1043.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.691+/-1.202 χ^2/NDF : 2645.5/7

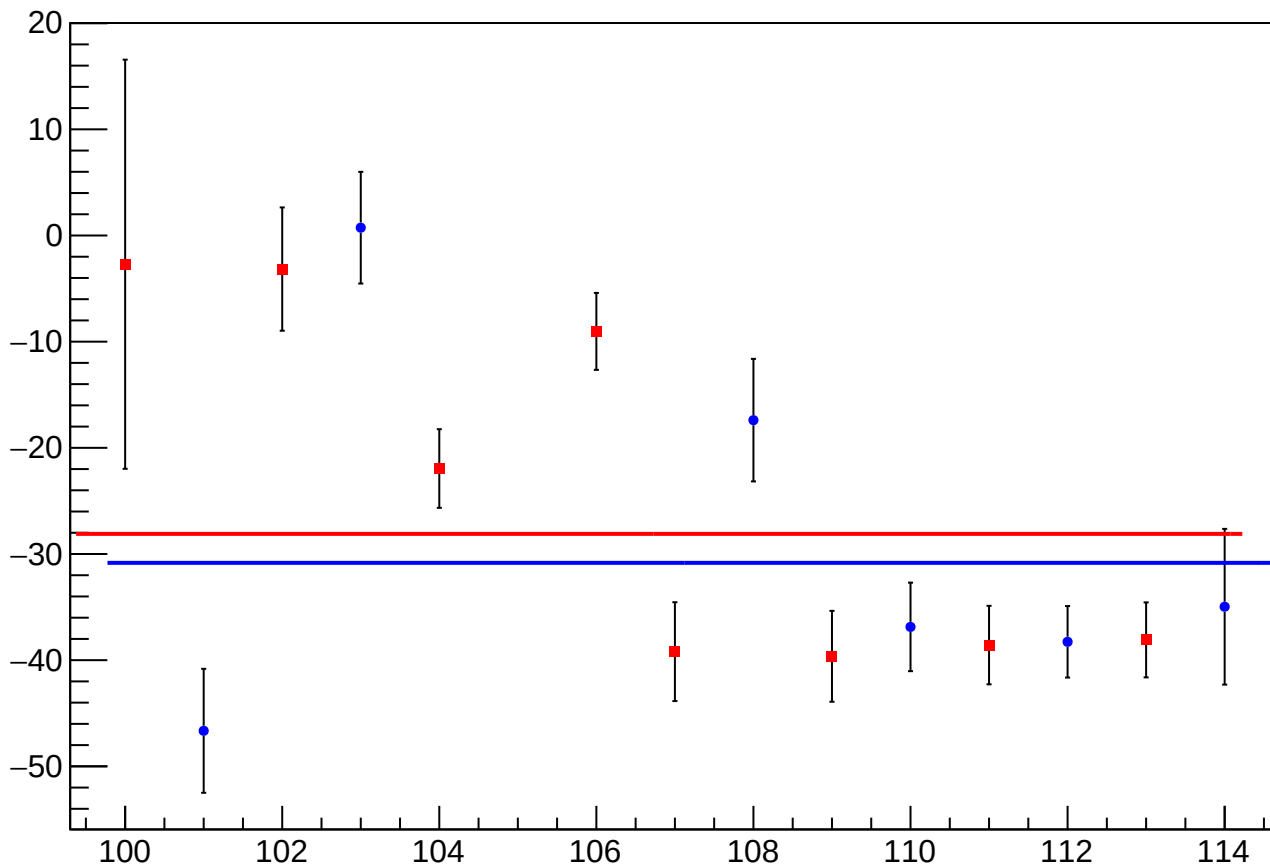
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.693+/-0.945 χ^2/NDF : 3805.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -30.833 ± 1.962 $\chi^2/\text{NDF}: 56.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.104 ± 1.515 $\chi^2/\text{NDF}: 79.6/7$

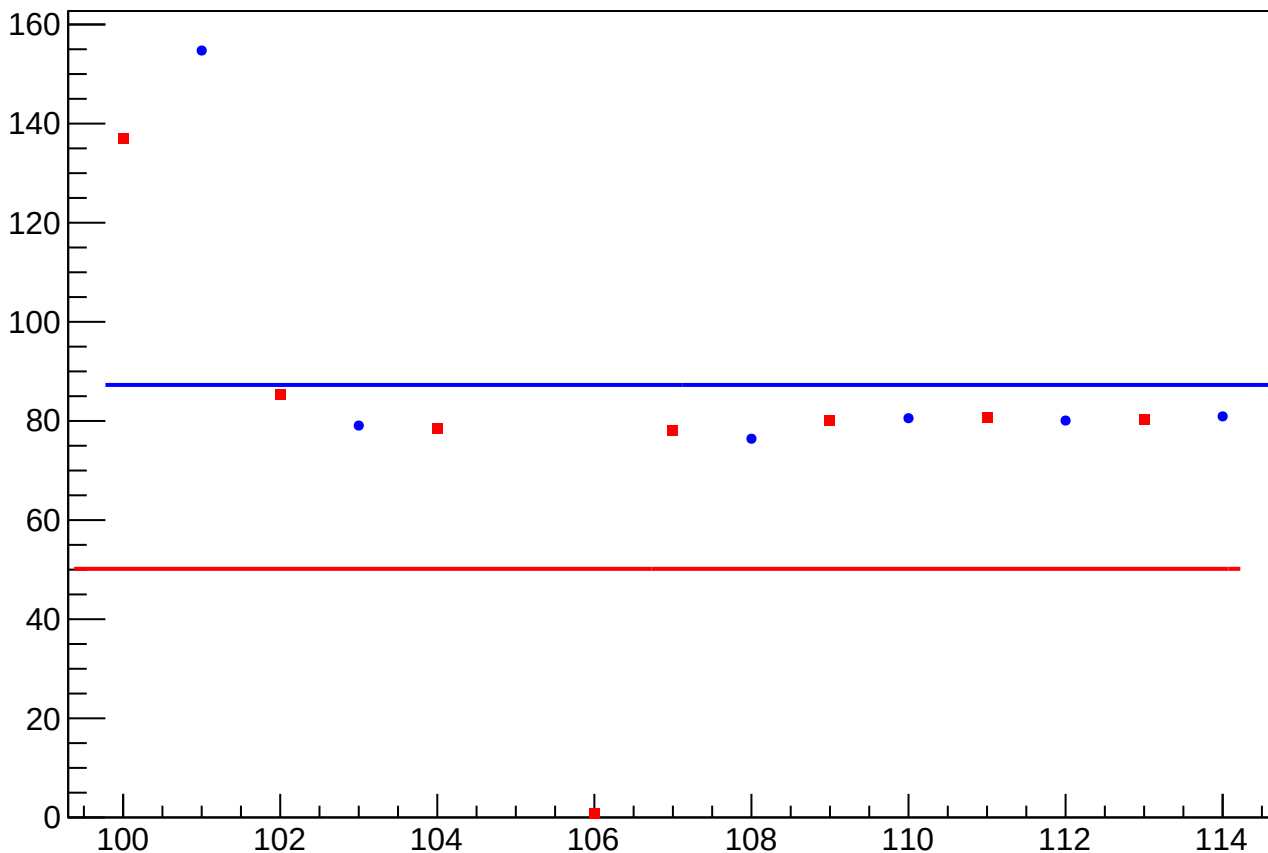
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.124 ± 1.199 $\chi^2/\text{NDF}: 136.9/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 87.272 $\pm$ 0.087 χ^2 /NDF: 74843.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.164 $\pm$ 0.060 χ^2 /NDF: 436256.5/7

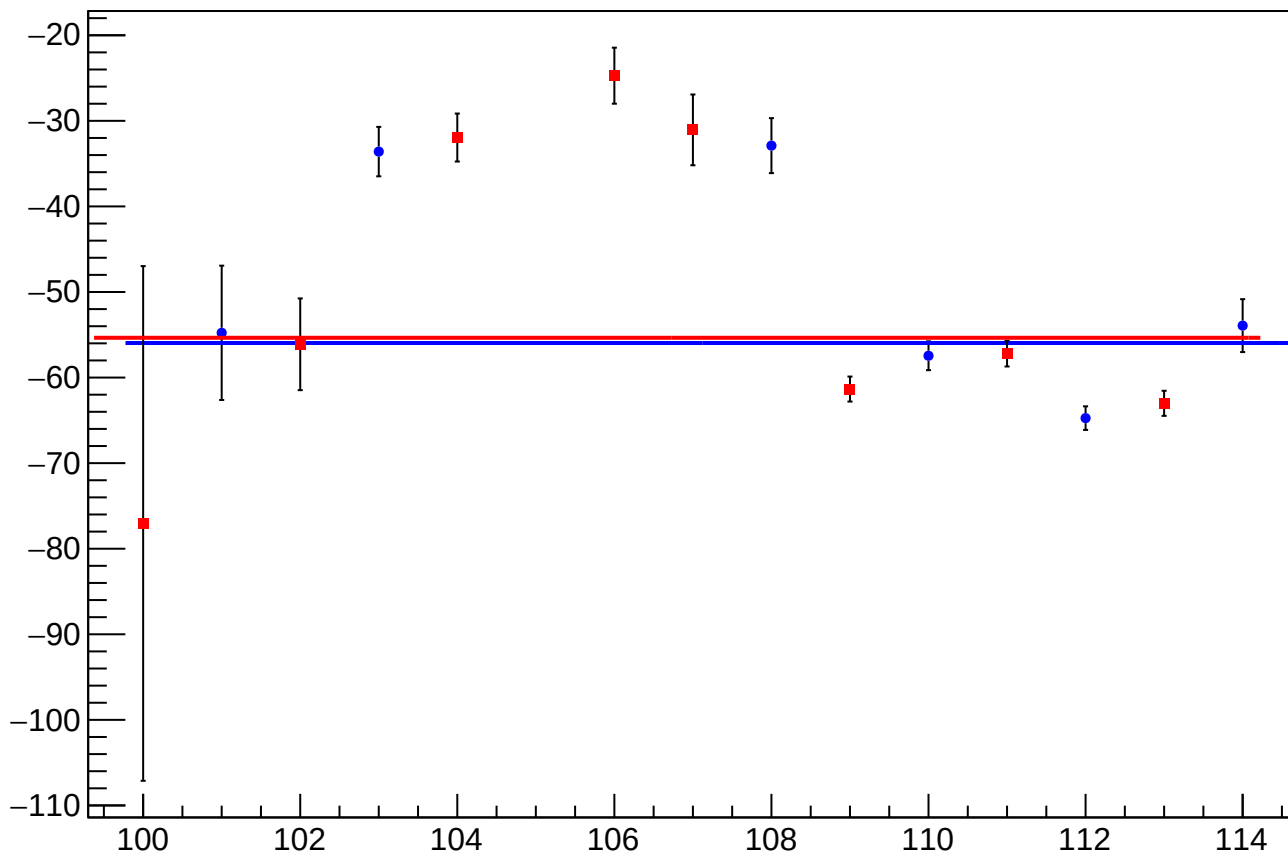
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.152 $\pm$ 0.049 χ^2 /NDF: 634089.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -55.960 $\pm$ 0.907 χ^2 /NDF: 153.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -55.350 $\pm$ 0.768 χ^2 /NDF: 237.9/7

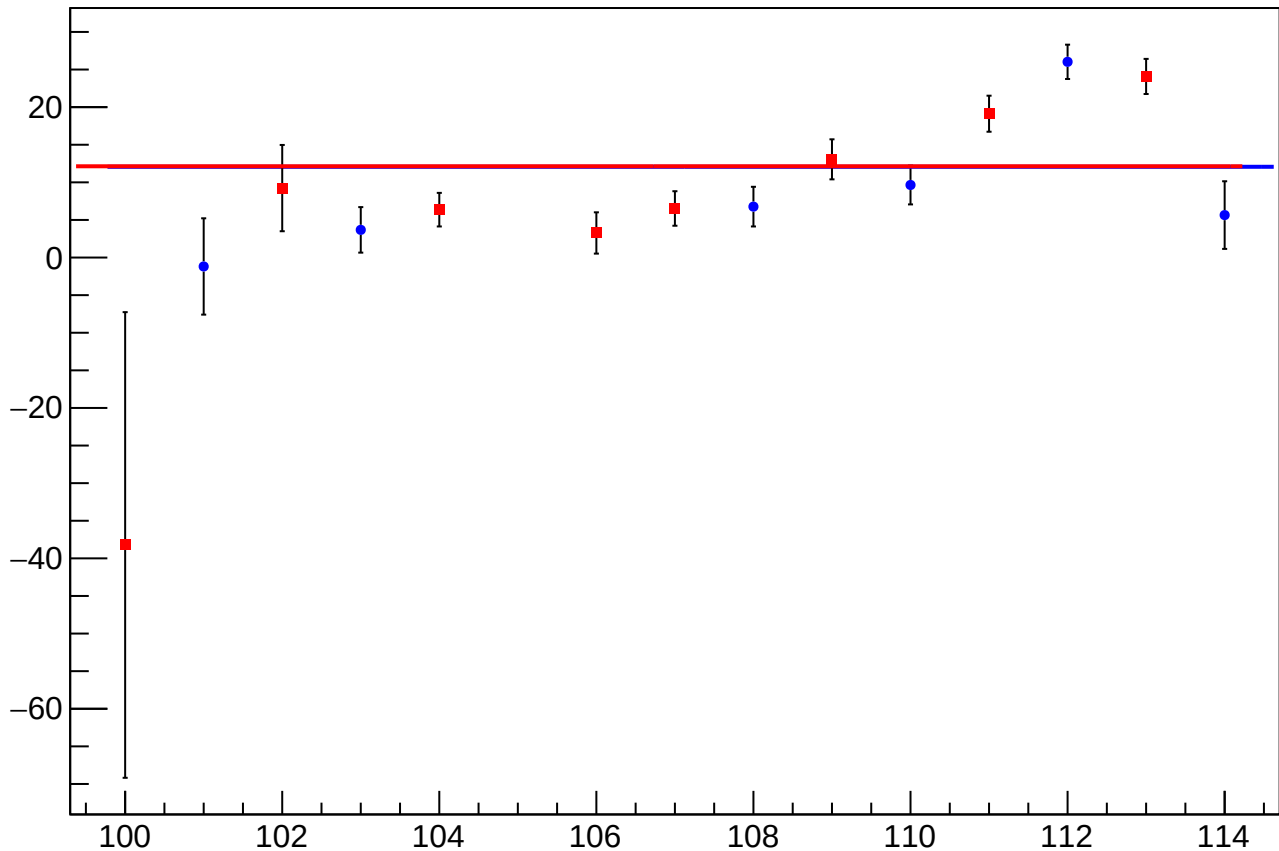
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.605 $\pm$ 0.586 χ^2 /NDF: 391.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 12.069 $\pm$ 1.223 χ^2 /NDF: 56.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.136 $\pm$ 0.974 χ^2 /NDF: 60.8/7

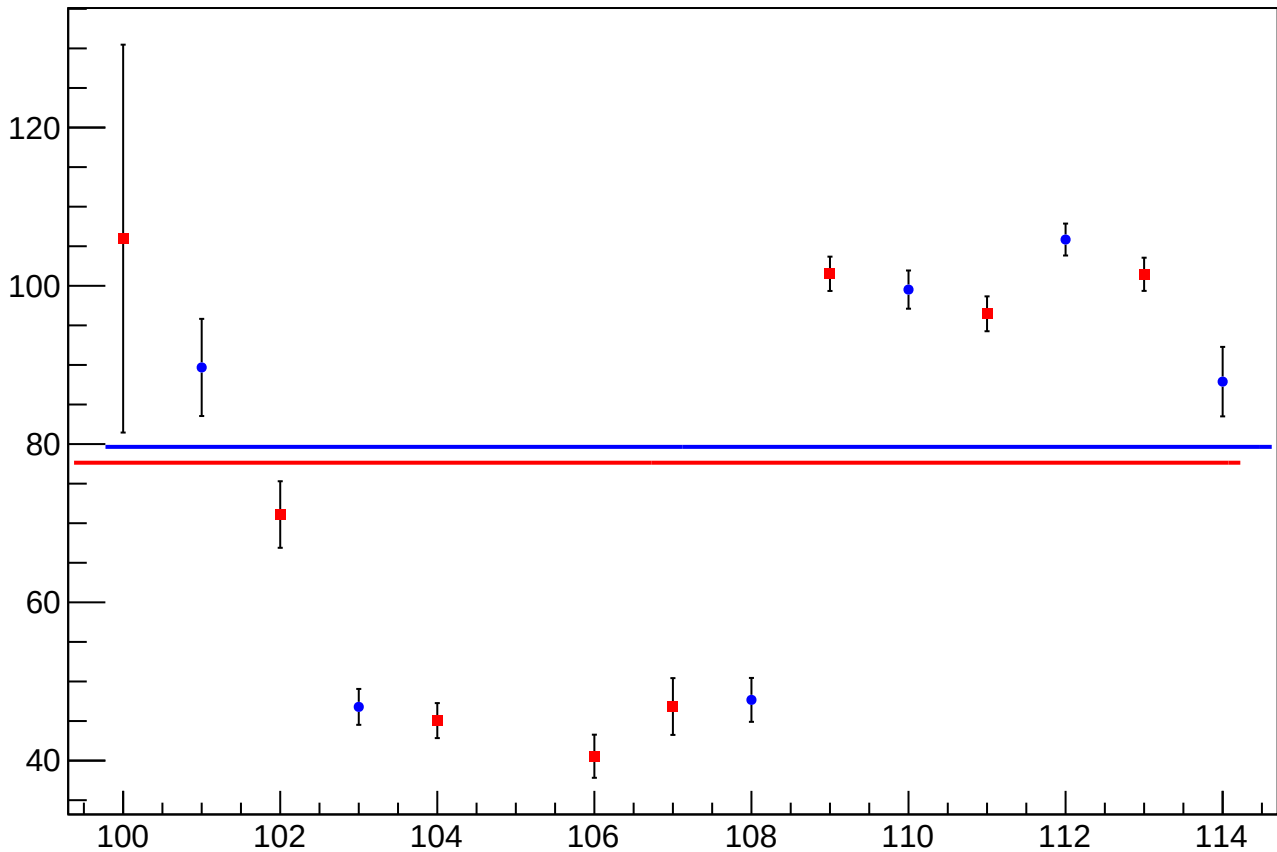
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.110 $\pm$ 0.762 χ^2 /NDF: 117.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 79.648 $\pm$ 1.104 χ^2 /NDF: 585.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.645 $\pm$ 0.944 χ^2 /NDF: 803.0/7

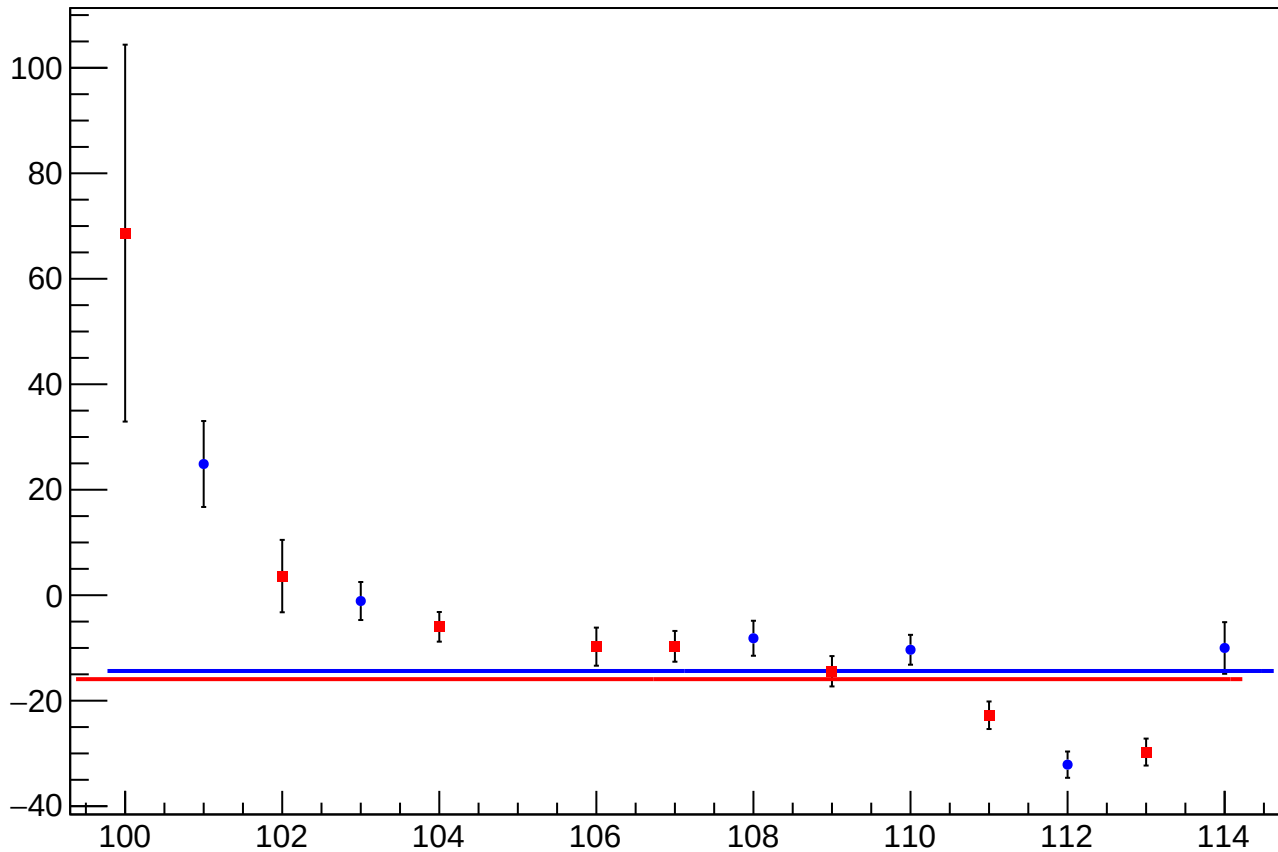
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.491 $\pm$ 0.718 χ^2 /NDF: 1390.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -14.366 $\pm$ 1.400 χ^2 /NDF: 93.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.915 $\pm$ 1.145 χ^2 /NDF: 70.0/7

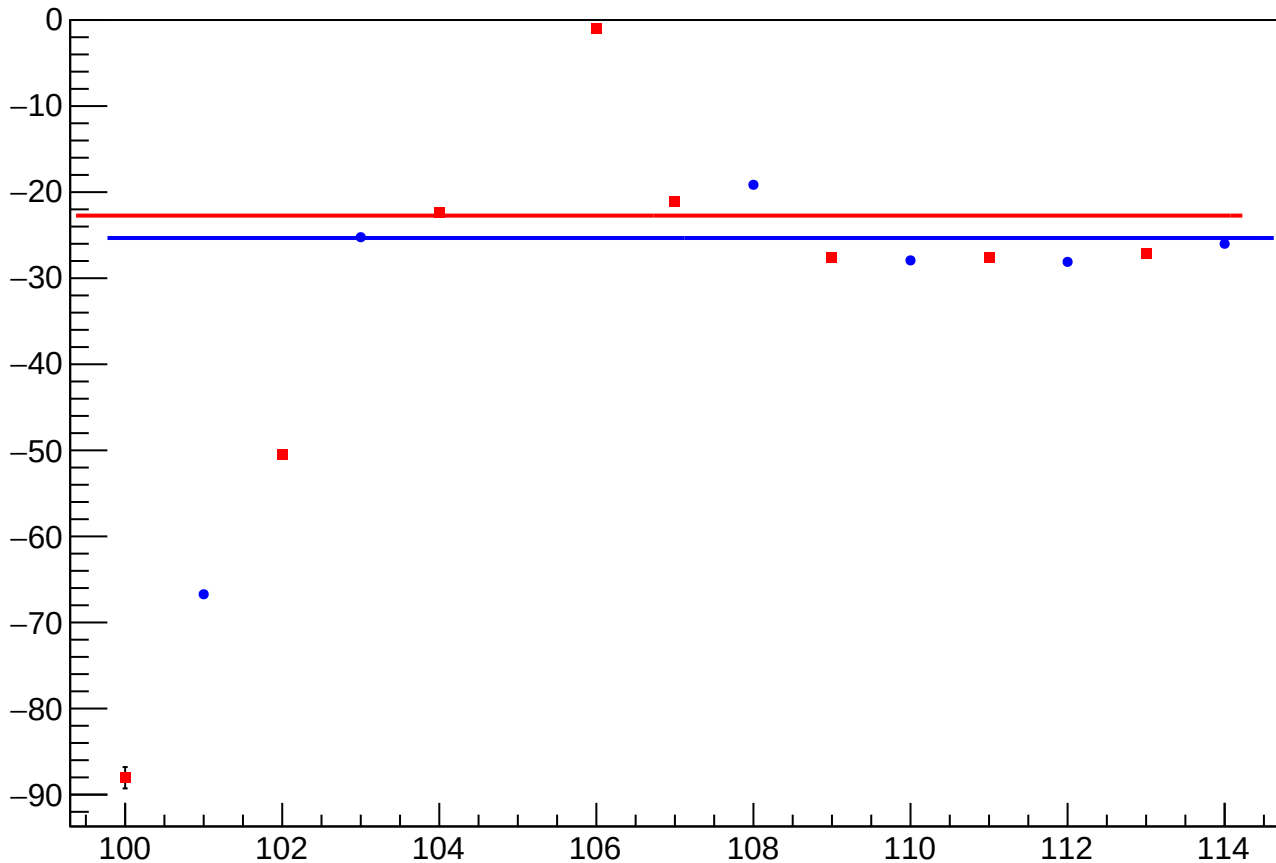
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.294 $\pm$ 0.886 χ^2 /NDF: 164.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -25.329 $\pm$ 0.061 χ^2 /NDF: 16451.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.726 $\pm$ 0.054 χ^2 /NDF: 59079.7/7

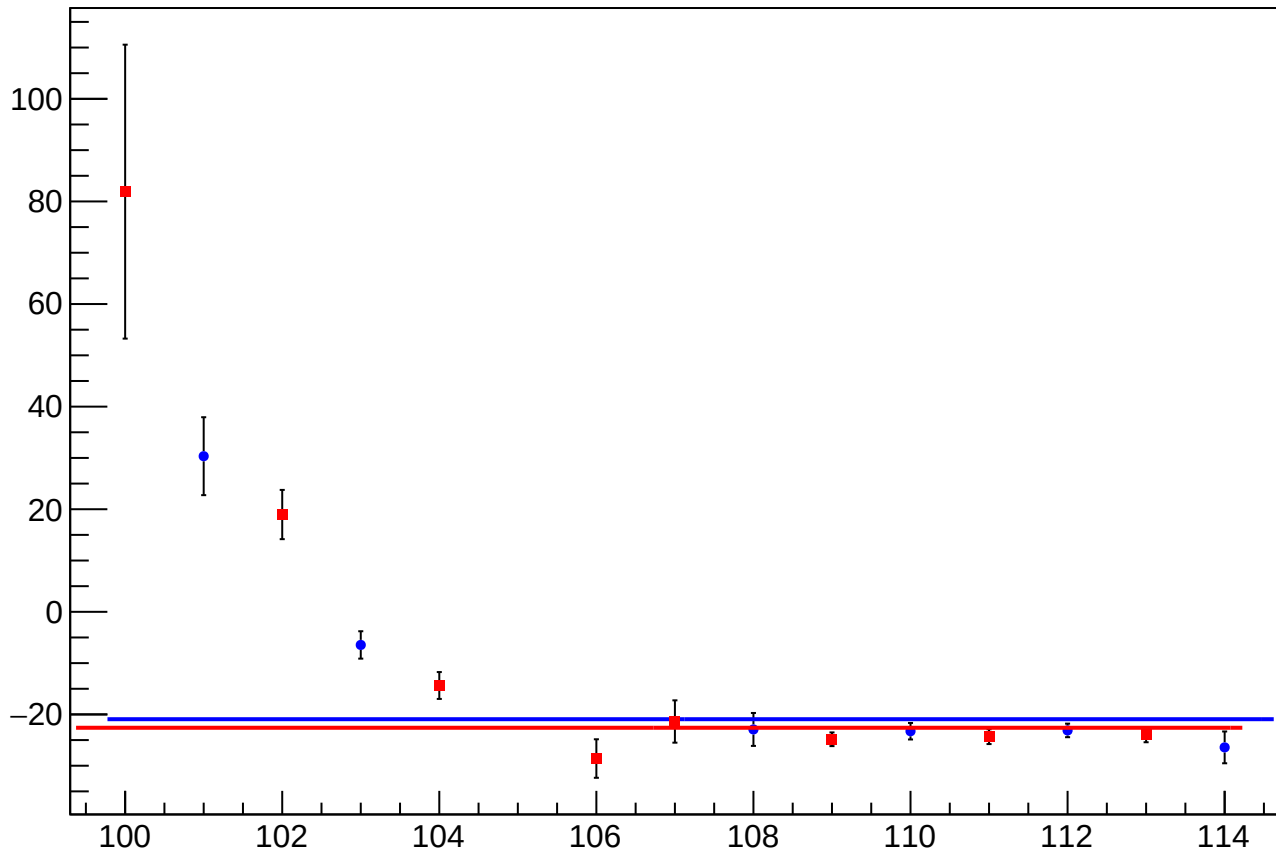
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.864 $\pm$ 0.040 χ^2 /NDF: 76565.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -20.932 ± 0.872 χ^2/NDF : 83.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.600 ± 0.735 χ^2/NDF : 106.1/7

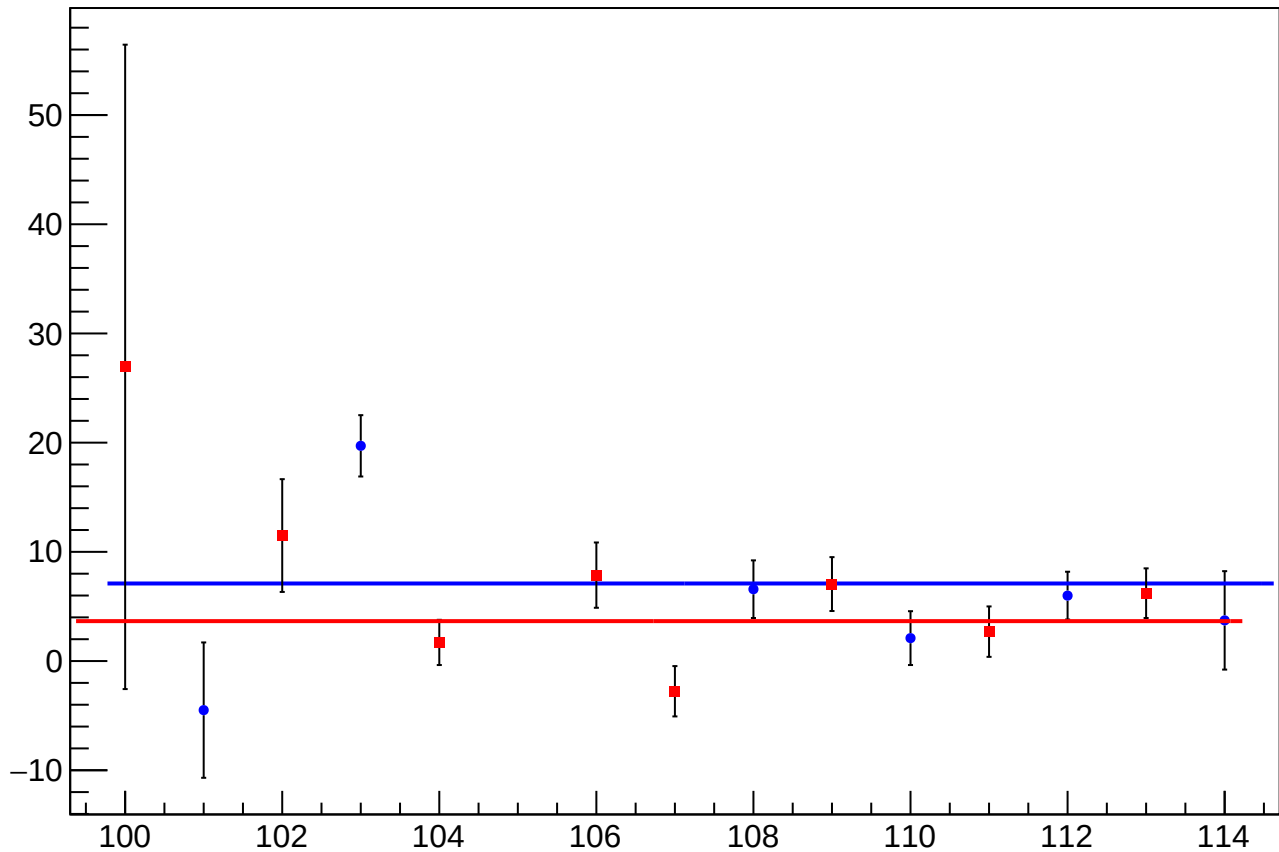
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.907 ± 0.562 χ^2/NDF : 191.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: 7.103 $\pm$ 1.179 χ^2 /NDF: 28.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.656 $\pm$ 0.946 χ^2 /NDF: 16.9/7

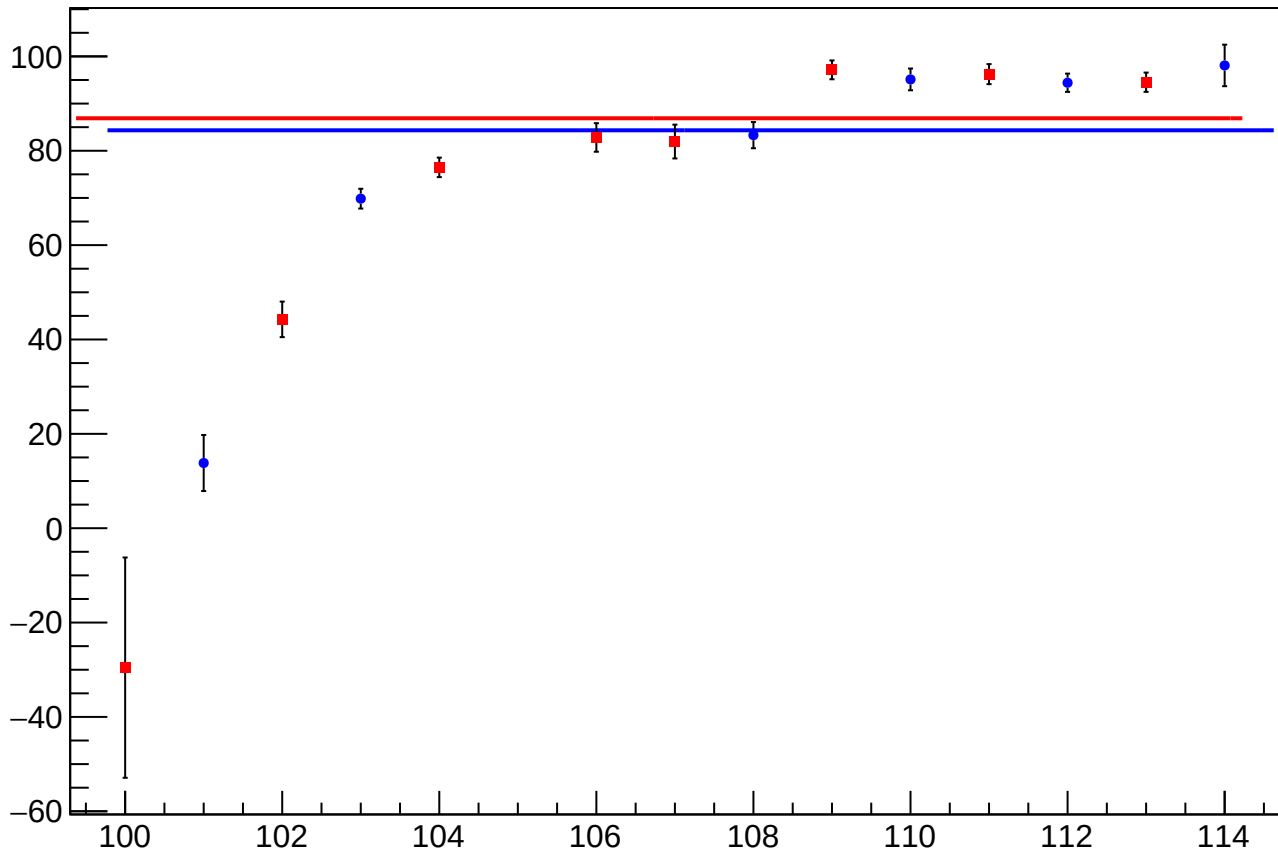
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.005 $\pm$ 0.738 χ^2 /NDF: 50.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 84.336+/-1.059 χ^2/NDF : 247.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.884+/-0.910 χ^2/NDF : 241.8/7

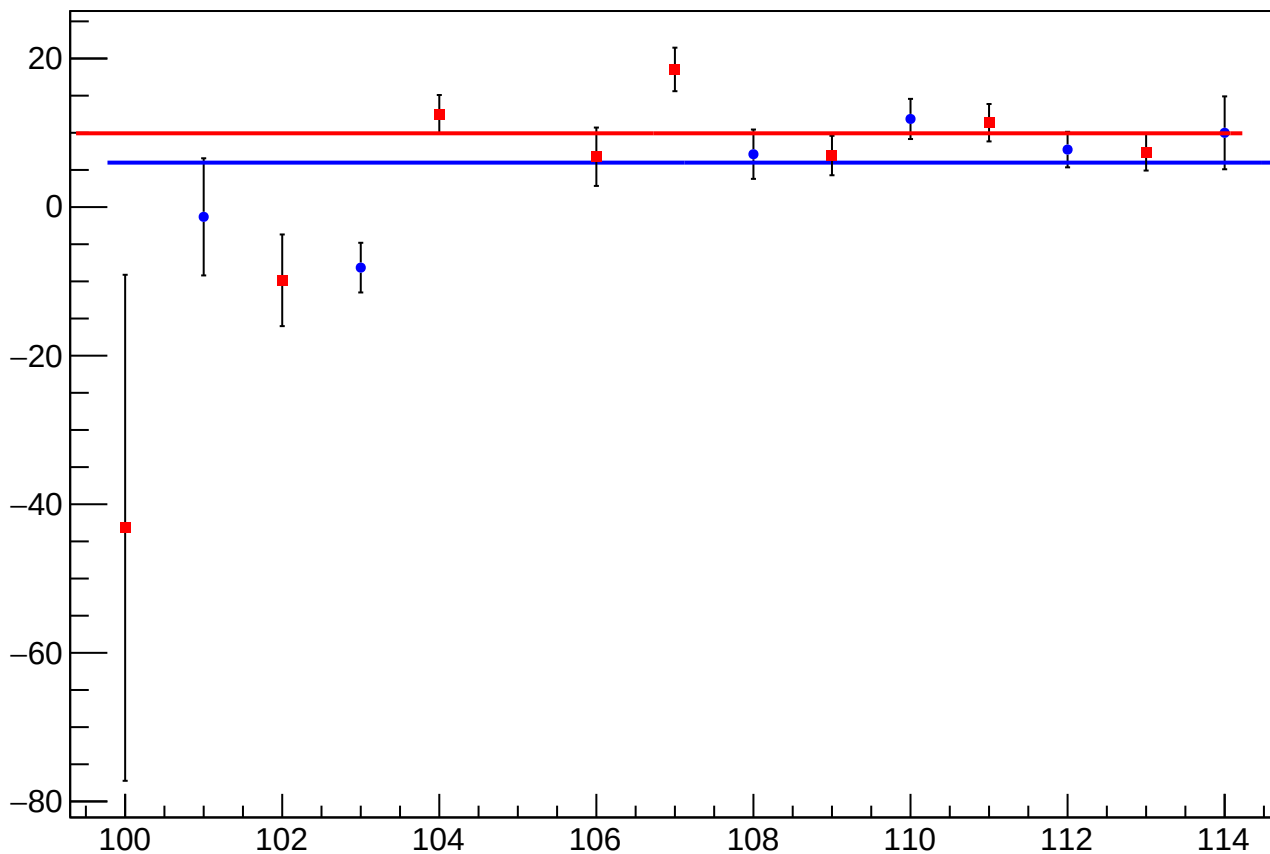
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.801+/-0.690 χ^2/NDF : 492.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 5.985 $\pm$ 1.349 χ^2 /NDF: 24.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.931 $\pm$ 1.107 χ^2 /NDF: 25.5/7

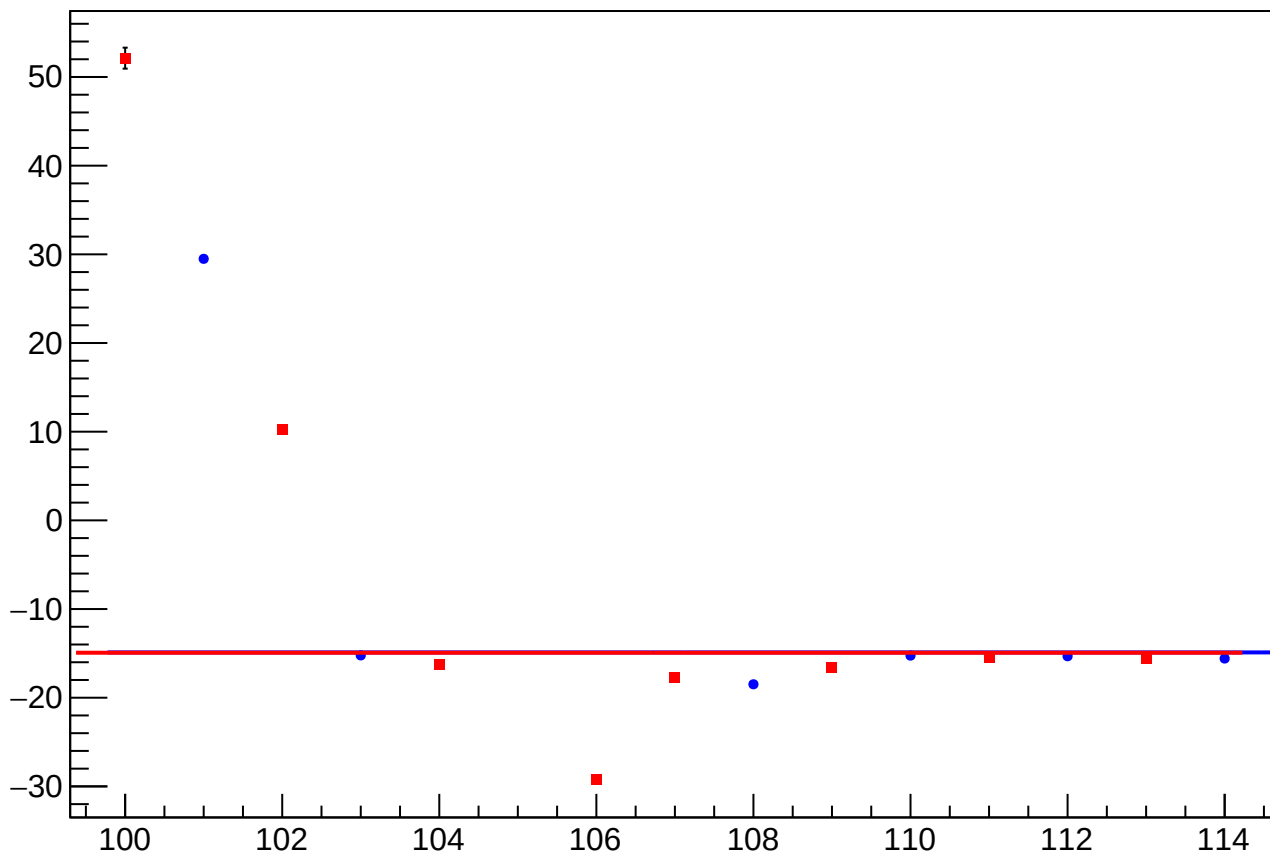
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.344 $\pm$ 0.856 χ^2 /NDF: 55.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -14.891 $\pm$ 0.058 χ^2 /NDF: 16978.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.928 $\pm$ 0.053 χ^2 /NDF: 37824.8/7

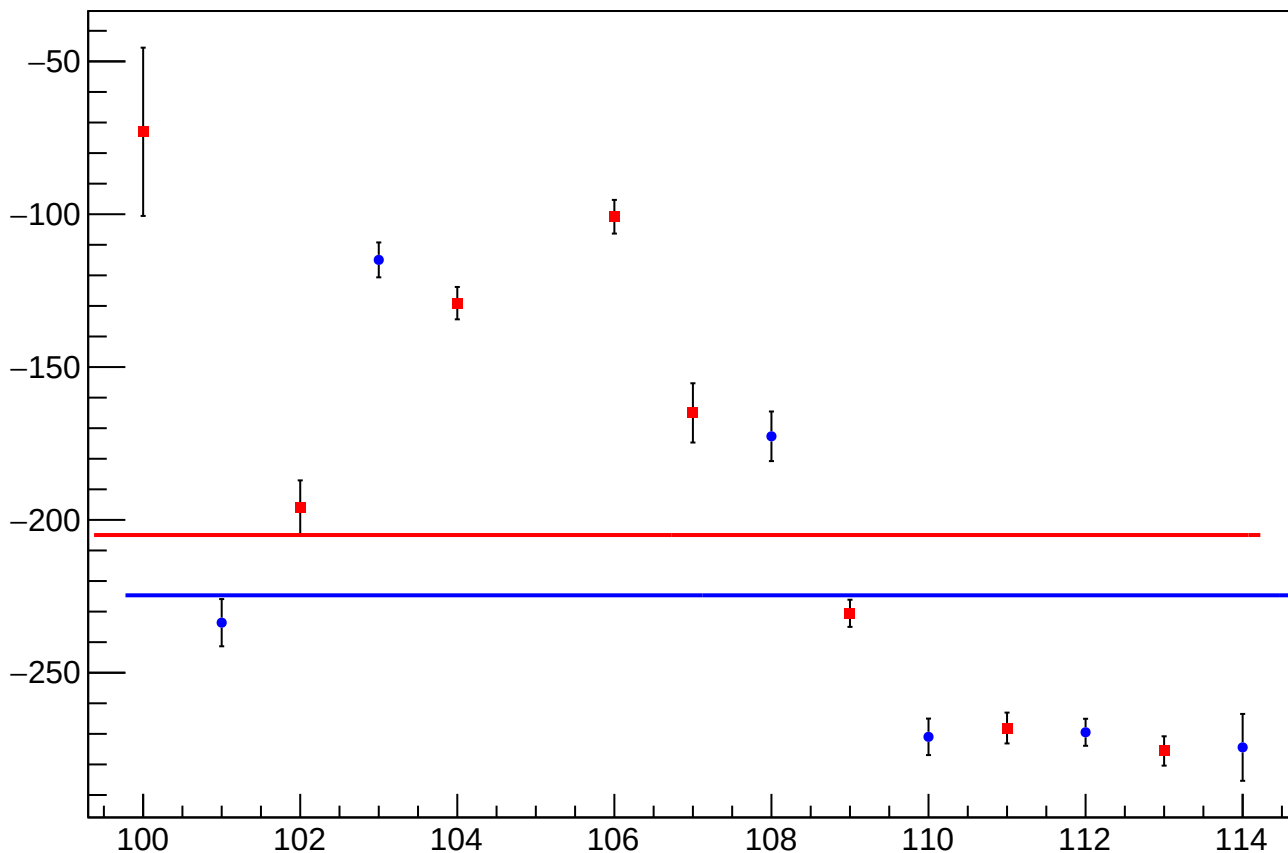
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.911 $\pm$ 0.039 χ^2 /NDF: 54803.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -224.671+/-2.580 χ^2/NDF : 595.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.948+/-2.101 χ^2/NDF : 1010.3/7

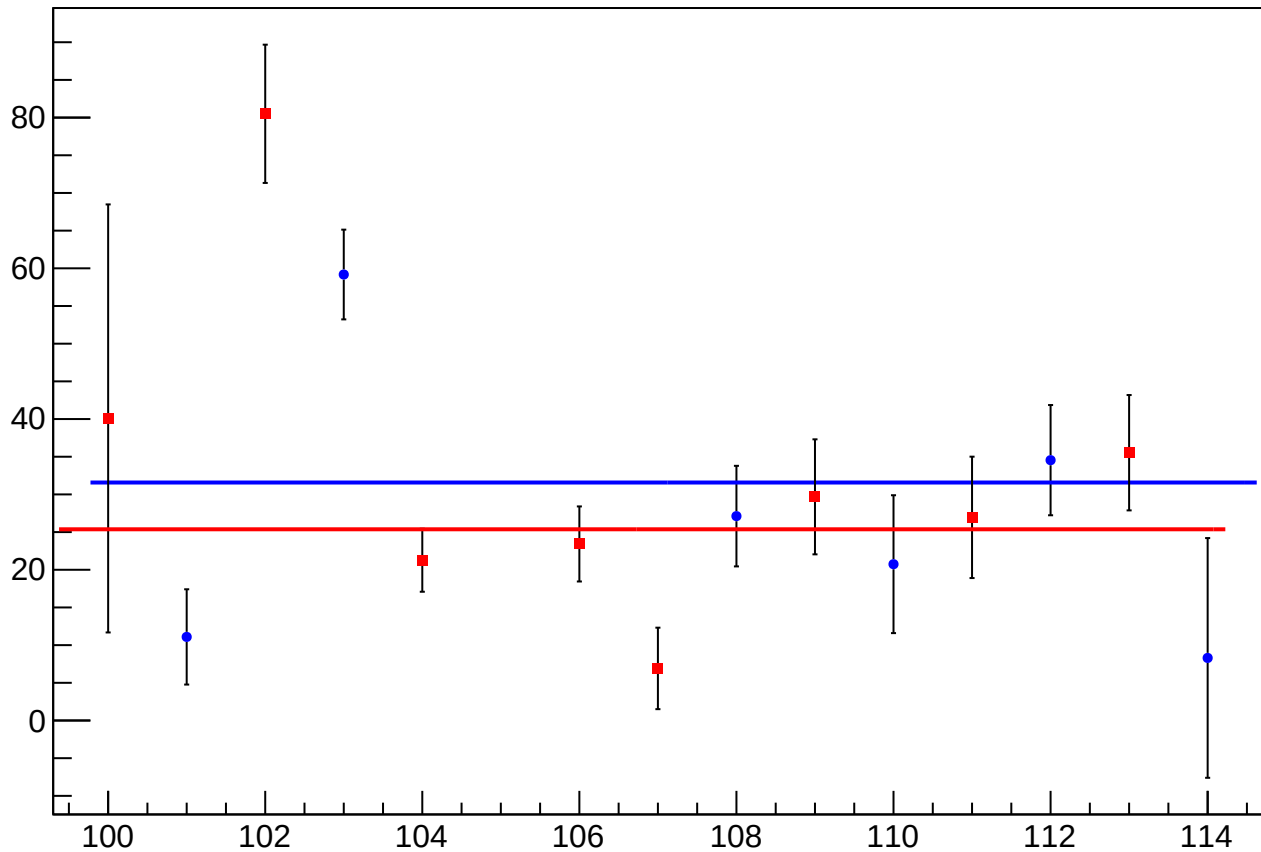
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.809+/-1.629 χ^2/NDF : 1640.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 31.578 $\pm$ 3.011 χ^2 /NDF: 36.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.372 $\pm$ 2.267 χ^2 /NDF: 51.3/7

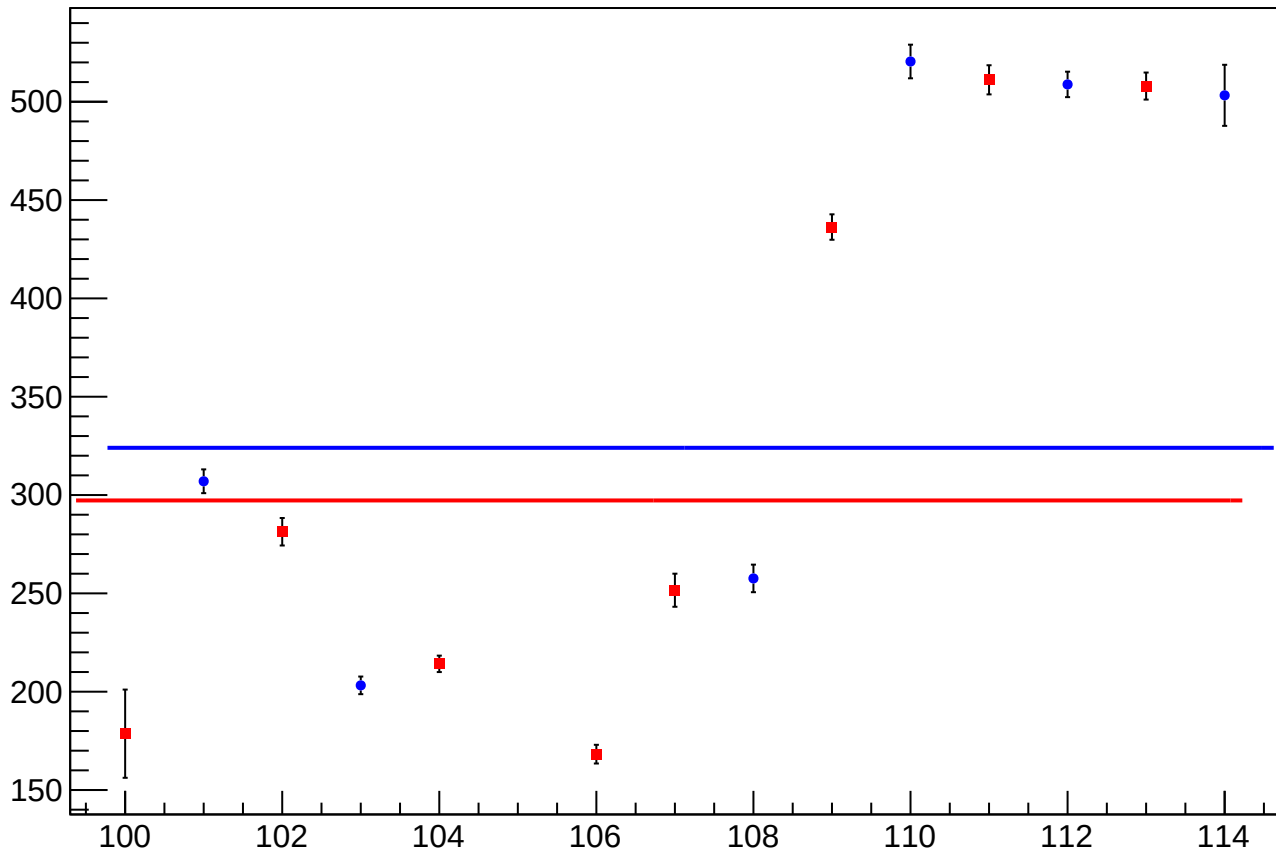
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.617 $\pm$ 1.811 χ^2 /NDF: 90.1/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 324.021+/-2.680 χ^2/NDF : 2299.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.252+/-2.228 χ^2/NDF : 3430.1/7

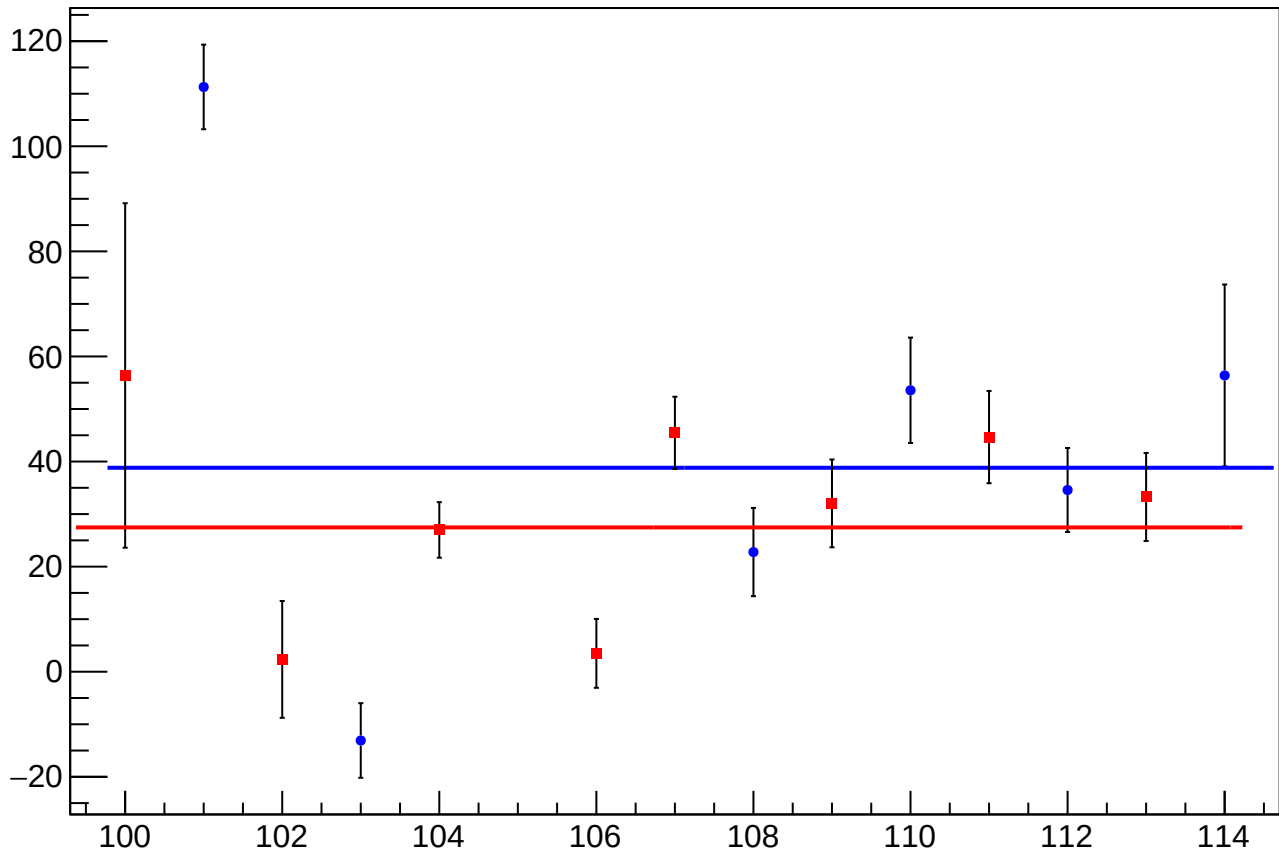
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.190+/-1.713 χ^2/NDF : 5788.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 38.816 $\pm$ 3.572 χ^2 /NDF: 141.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.463 $\pm$ 2.765 χ^2 /NDF: 30.7/7

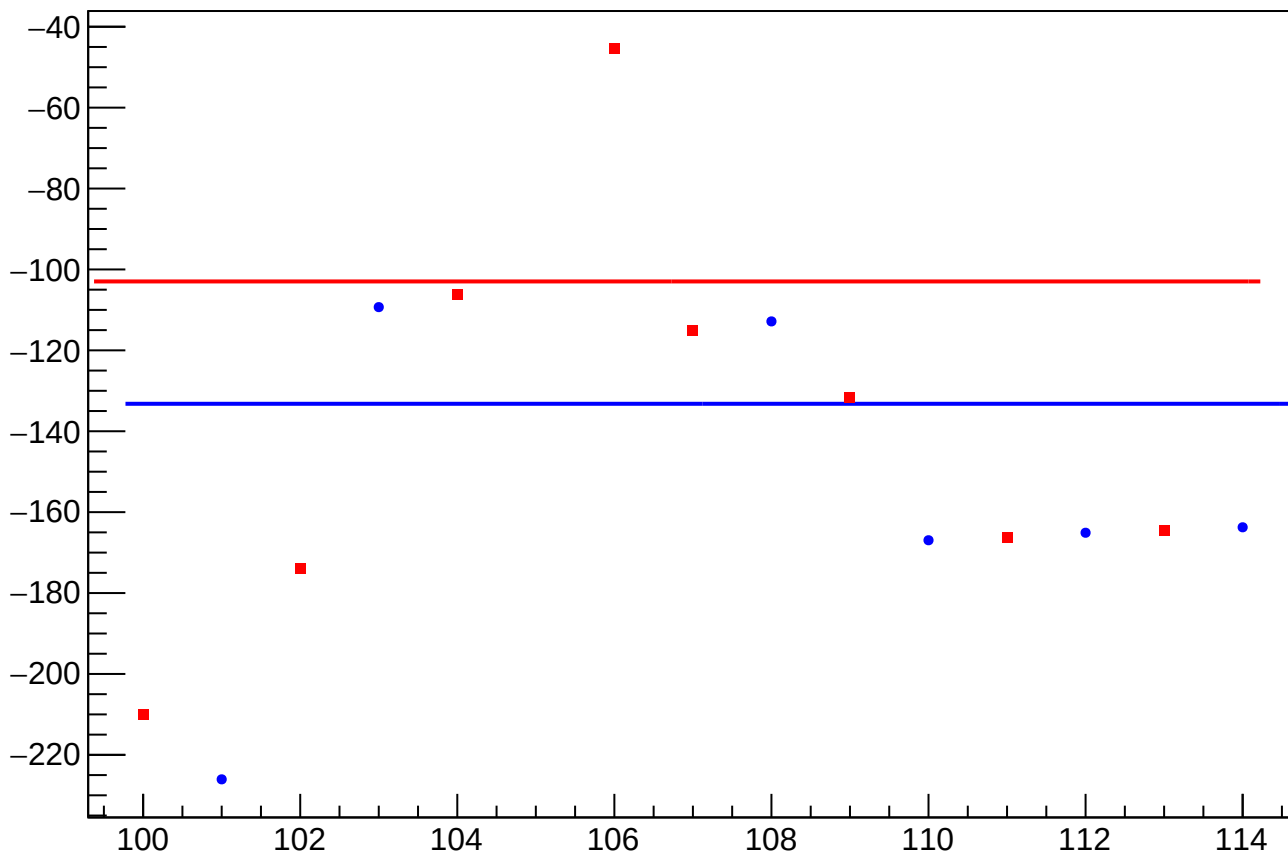
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.717 $\pm$ 2.187 χ^2 /NDF: 178.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -133.211 $\pm$ 0.135 χ^2 /NDF: 94385.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -102.965 $\pm$ 0.109 χ^2 /NDF: 188103.2/7

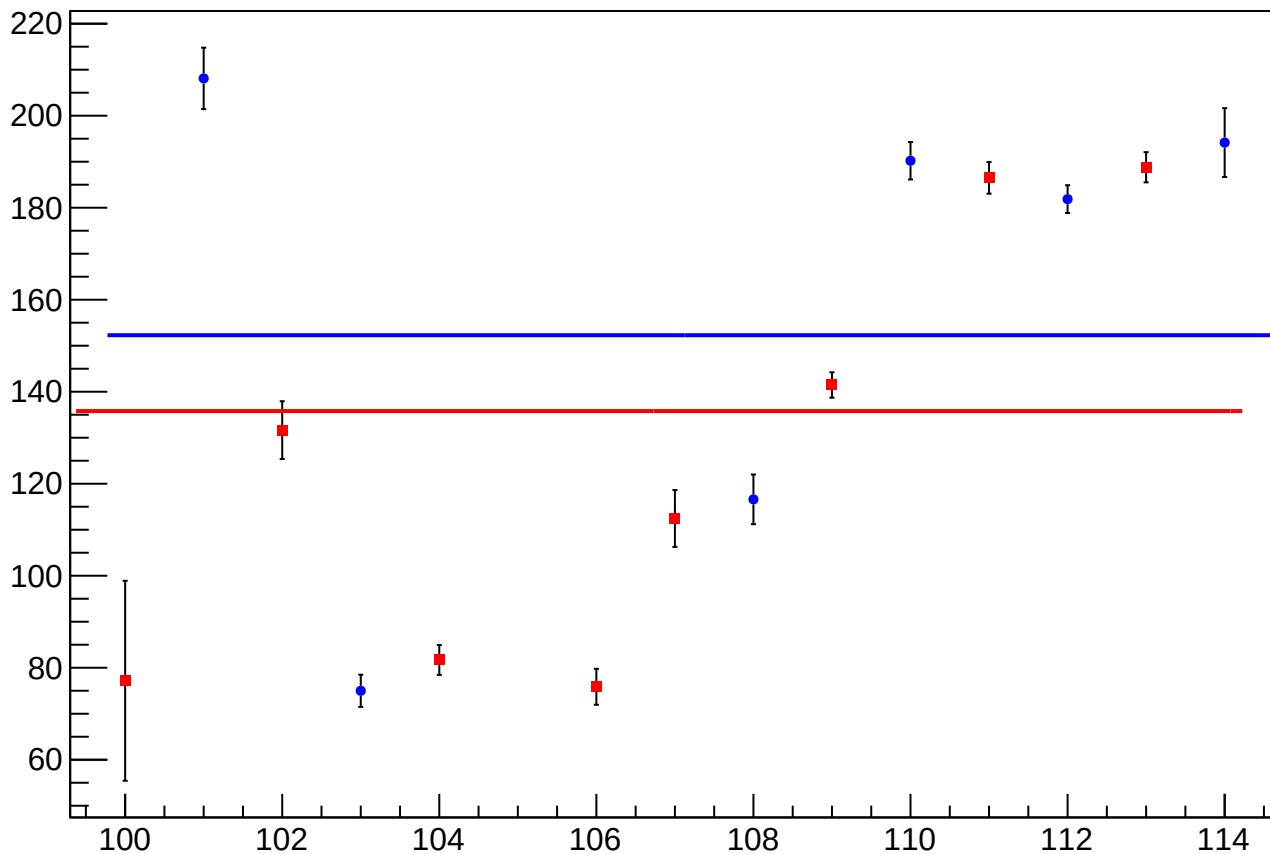
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -114.837 $\pm$ 0.085 χ^2 /NDF: 312951.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 152.281 $\pm$ 1.752 χ^2 /NDF: 814.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.797 $\pm$ 1.384 χ^2 /NDF: 1017.5/7

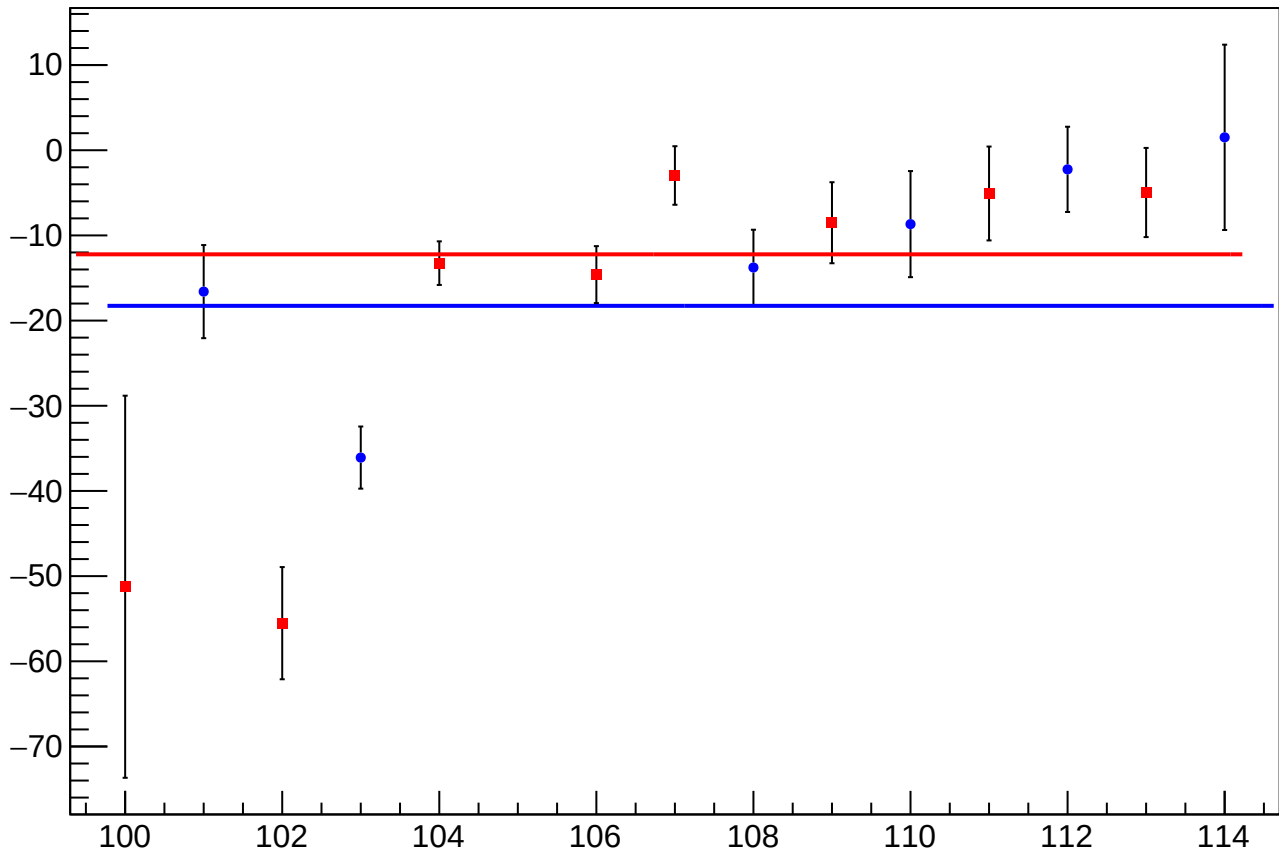
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.130 $\pm$ 1.086 χ^2 /NDF: 1886.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: -18.268 $\pm$ 2.069 χ^2 /NDF: 40.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.220 $\pm$ 1.466 χ^2 /NDF: 58.4/7

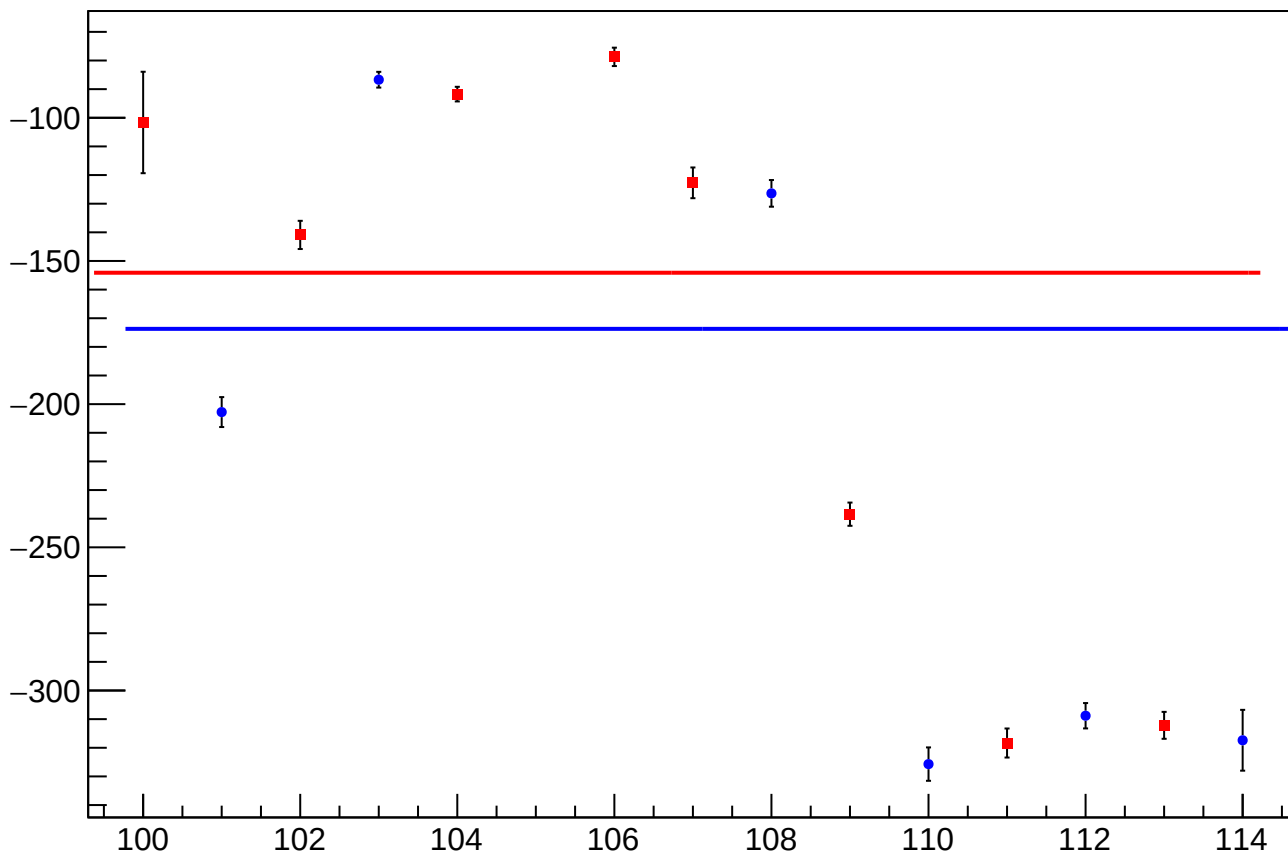
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.242 $\pm$ 1.196 χ^2 /NDF: 105.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -173.708+/-1.813 χ^2/NDF : 2929.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.110+/-1.452 χ^2/NDF : 3808.9/7

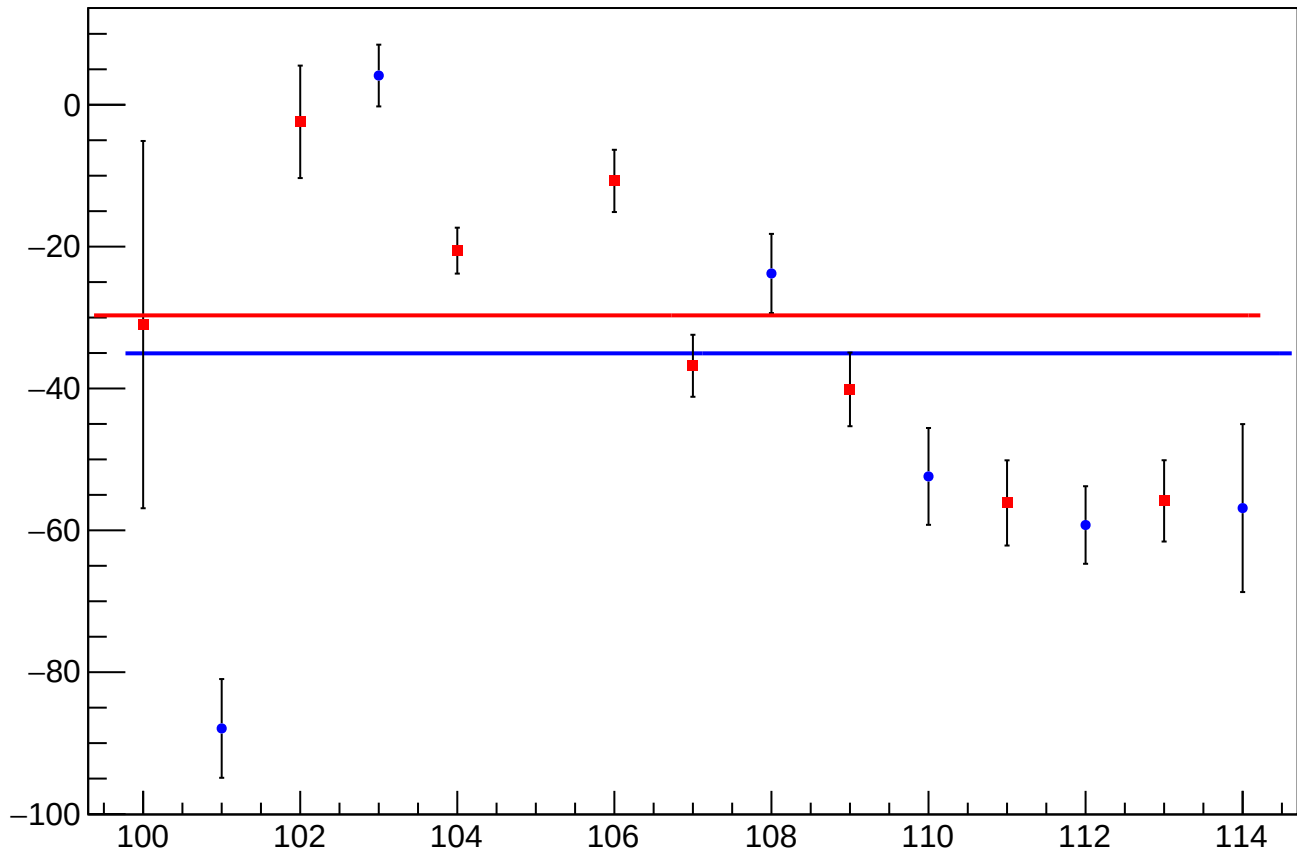
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.771+/-1.133 χ^2/NDF : 6809.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -35.046 $\pm$ 2.443 χ^2 /NDF: 172.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.693 $\pm$ 1.789 χ^2 /NDF: 85.4/7

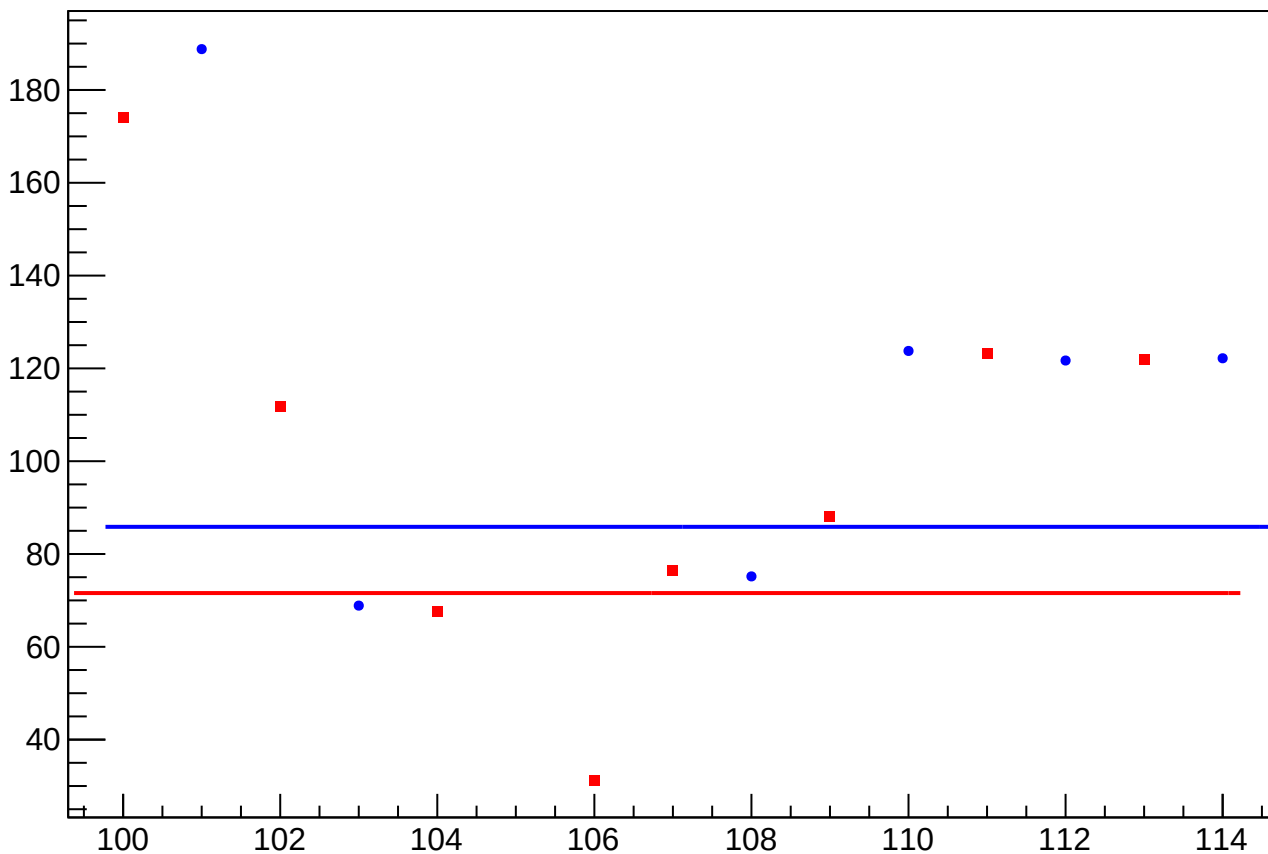
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.562 $\pm$ 1.443 χ^2 /NDF: 260.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 85.856+/-0.089 χ^2/NDF : 152726.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.583+/-0.074 χ^2/NDF : 163706.3/7

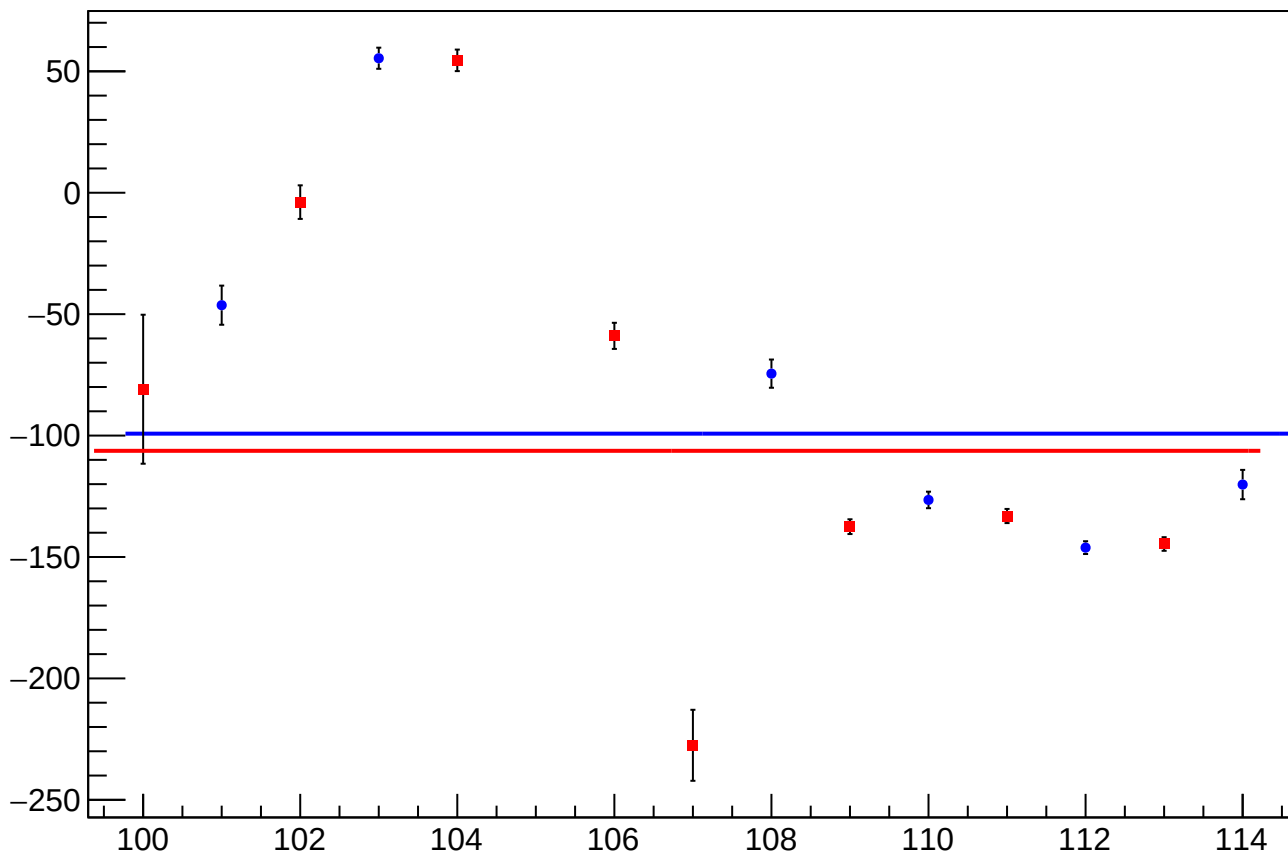
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.443+/-0.057 χ^2/NDF : 331713.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -99.208 $\pm$ 1.676 χ^2 /NDF: 1718.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -106.277 $\pm$ 1.466 χ^2 /NDF: 2058.6/7

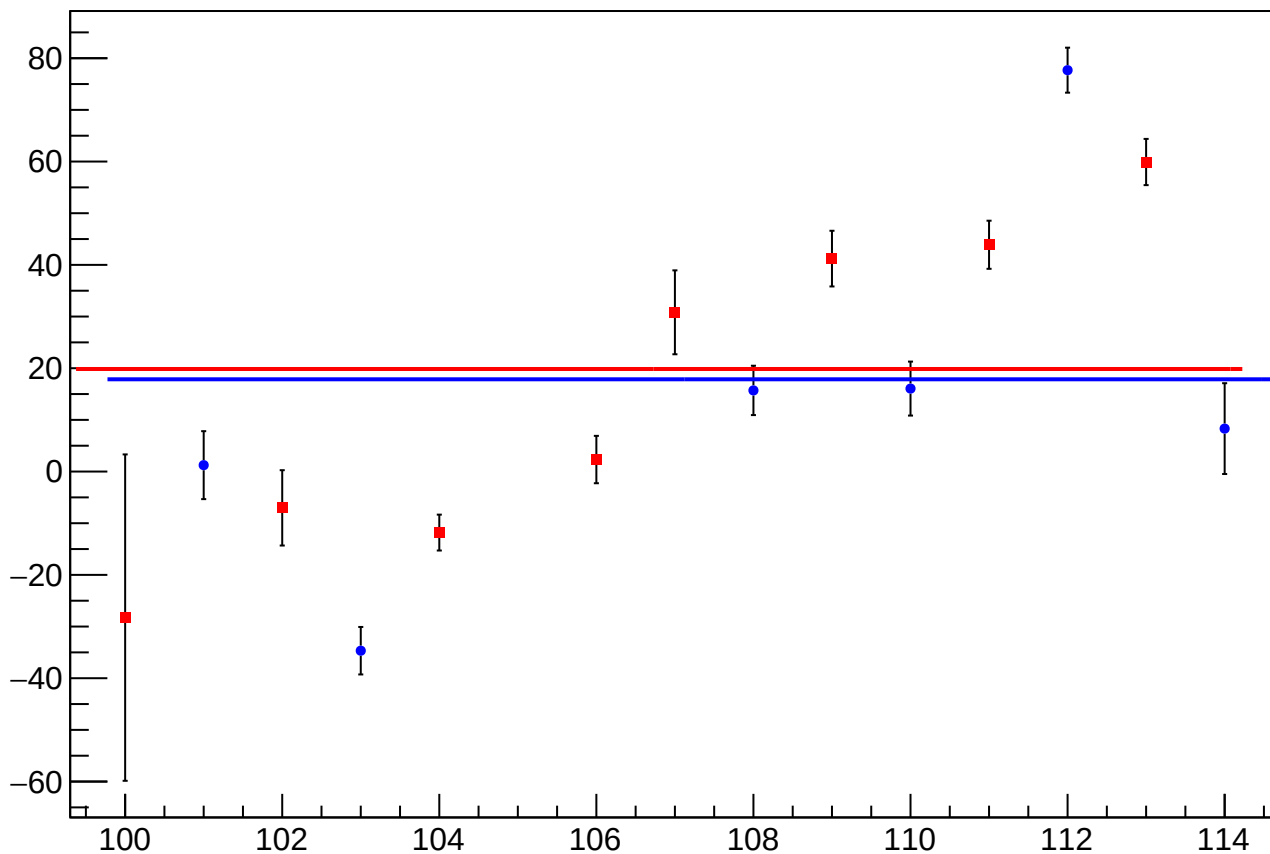
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.212 $\pm$ 1.103 χ^2 /NDF: 3786.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 17.855 $\pm$ 2.148 χ^2 /NDF: 327.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.850 $\pm$ 1.838 χ^2 /NDF: 238.1/7

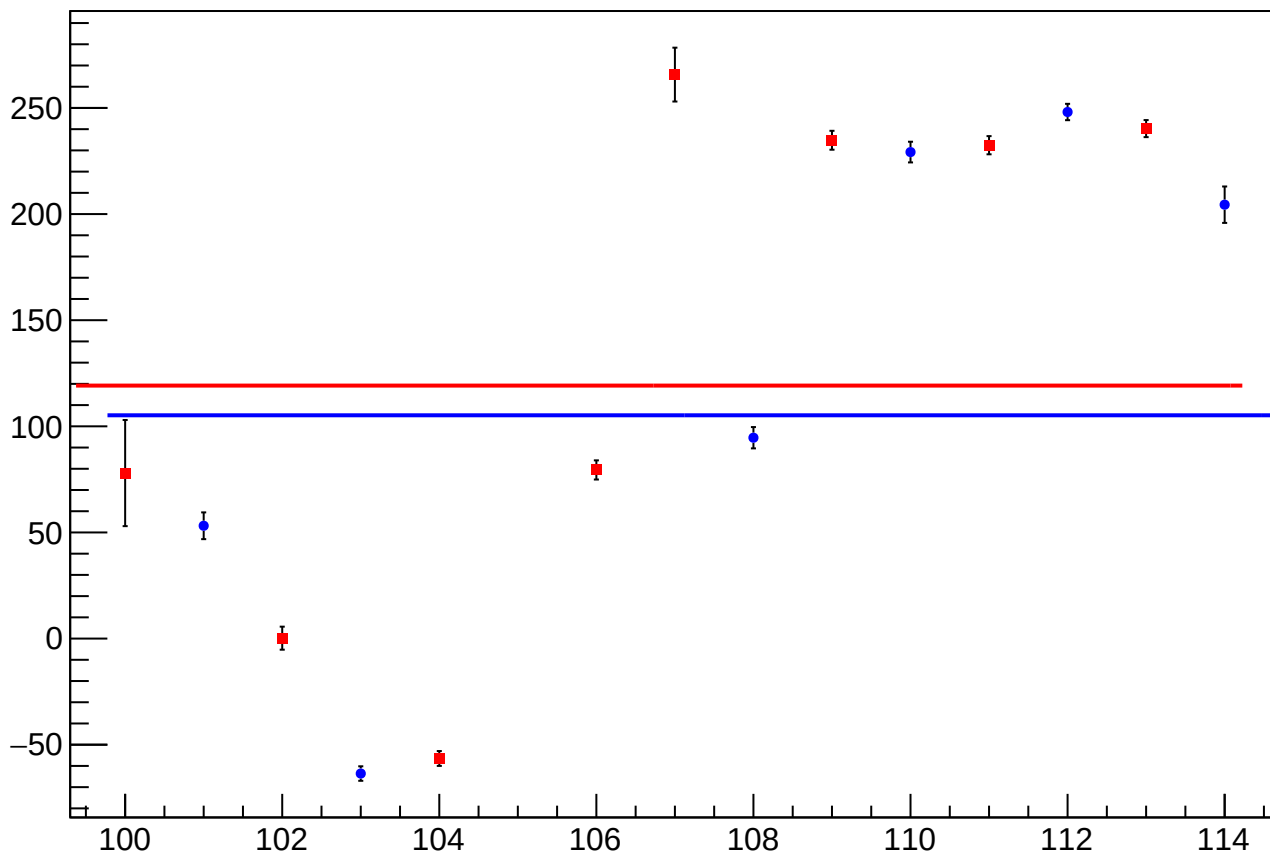
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.007 $\pm$ 1.397 χ^2 /NDF: 565.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 105.199 $\pm$ 1.912 χ^2 /NDF: 4670.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.192 $\pm$ 1.716 χ^2 /NDF: 5499.0/7

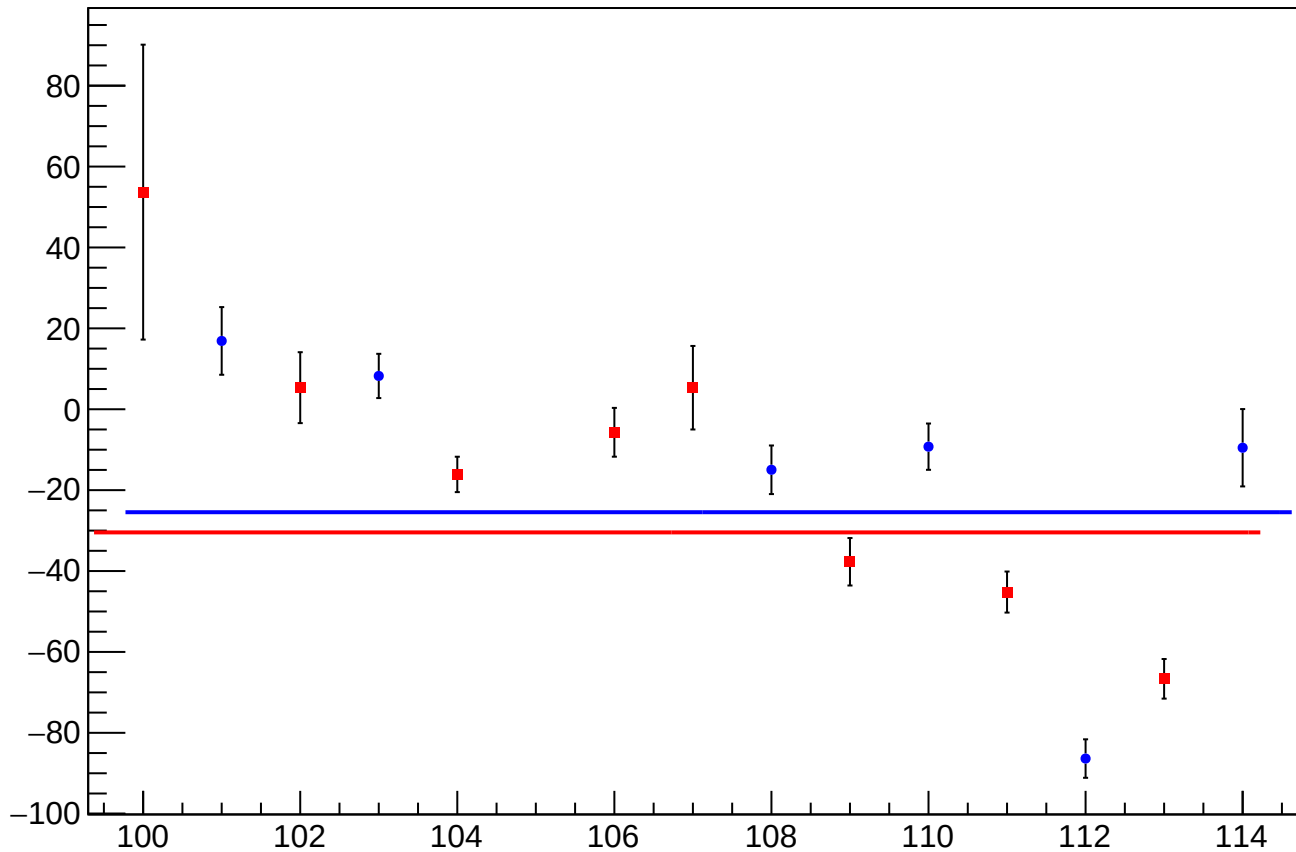
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.949 $\pm$ 1.277 χ^2 /NDF: 10198.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: -25.456 $\pm$ 2.492 χ^2 /NDF: 241.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.446 $\pm$ 2.170 χ^2 /NDF: 126.2/7

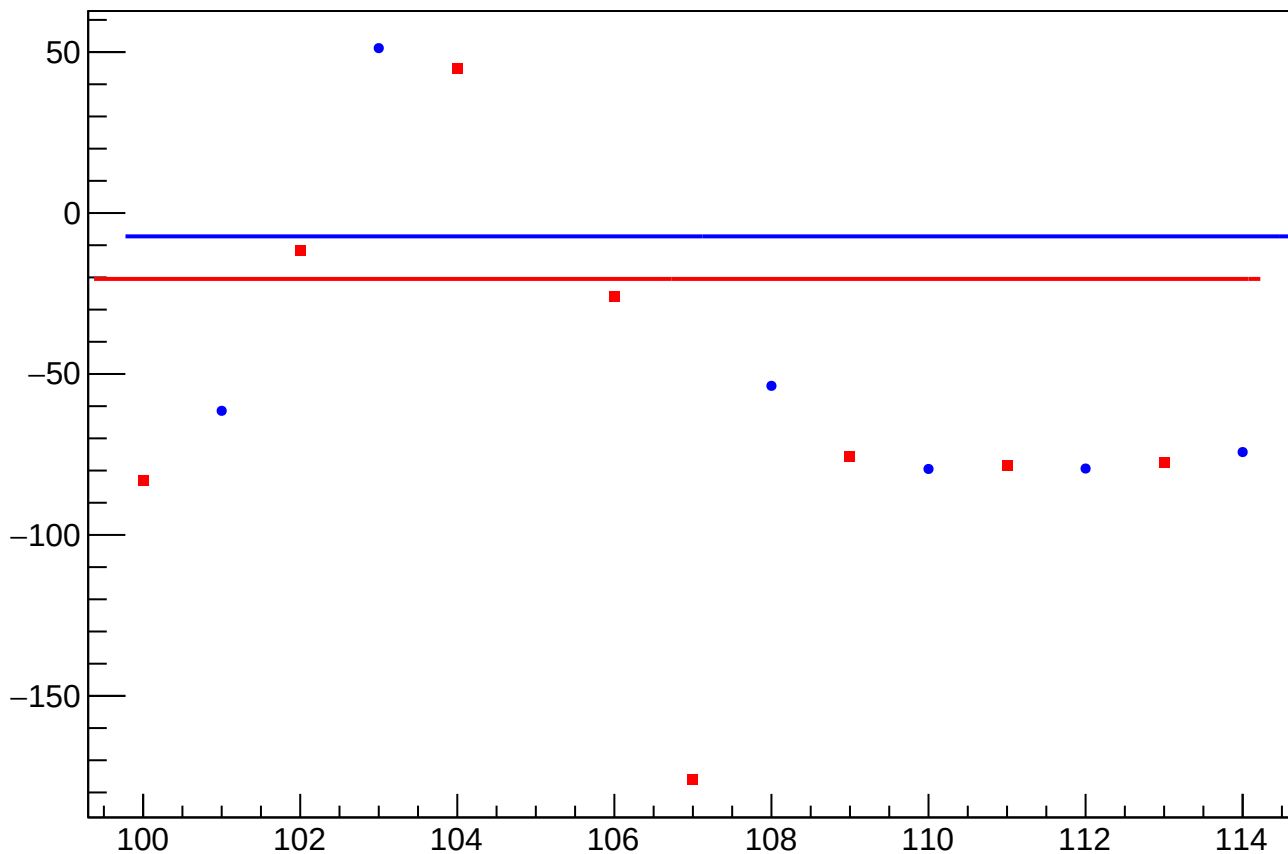
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.294 $\pm$ 1.636 χ^2 /NDF: 369.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -7.248 ± 0.100 χ^2/NDF : 341125.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.466 ± 0.094 χ^2/NDF : 346433.0/7

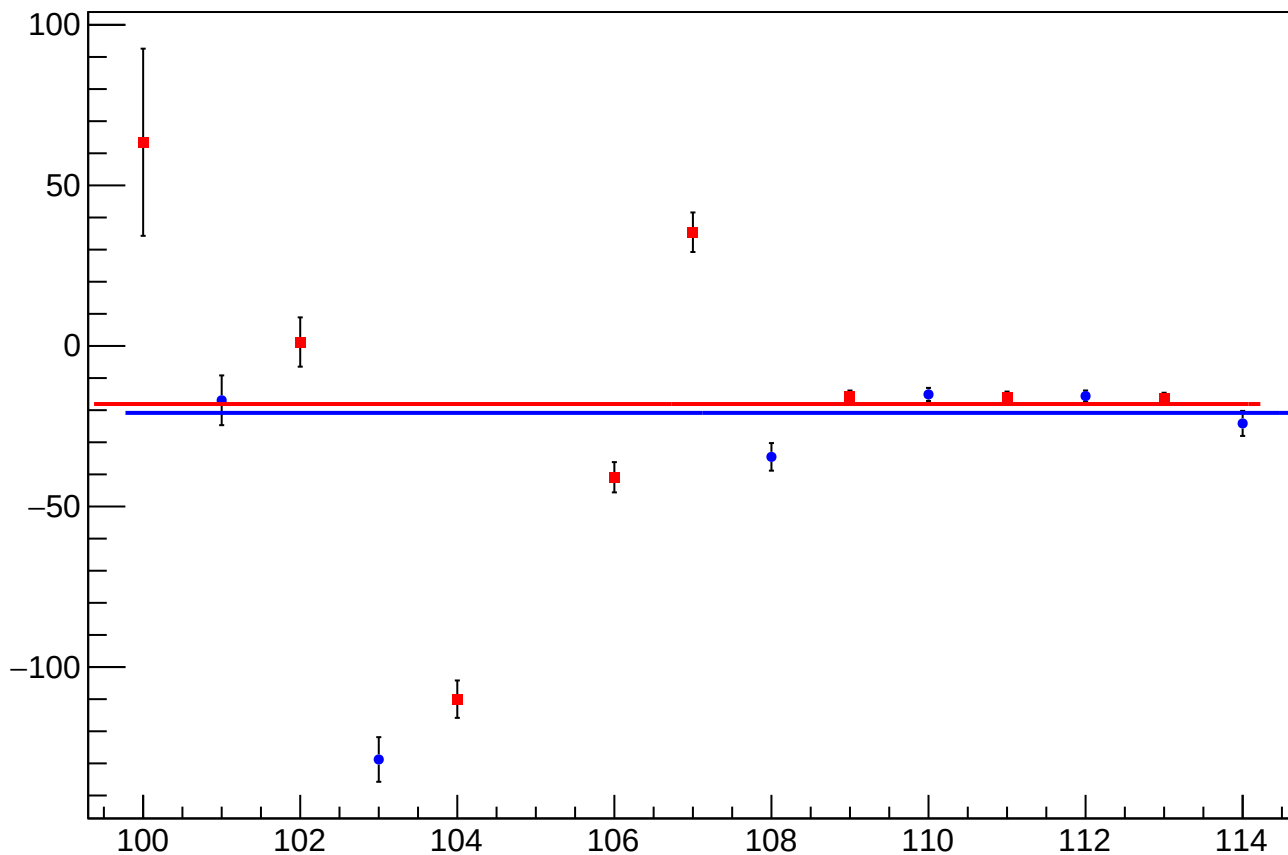
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.283 ± 0.068 χ^2/NDF : 696848.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -20.846 ± 1.170 χ^2/NDF : 269.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.084 ± 0.982 χ^2/NDF : 366.4/7

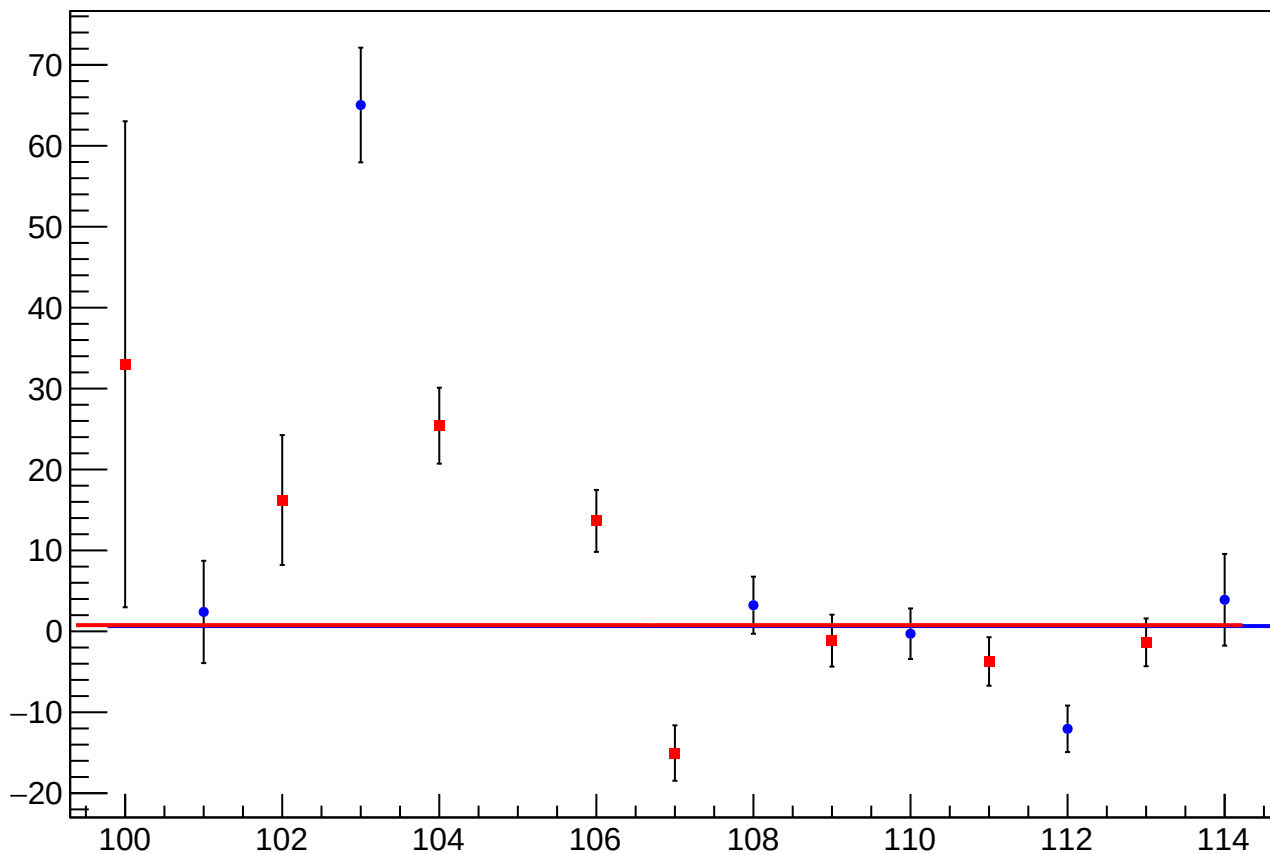
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.225 ± 0.752 χ^2/NDF : 639.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 0.651+/-1.622 χ^2/NDF : 103.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.765+/-1.363 χ^2/NDF : 68.2/7

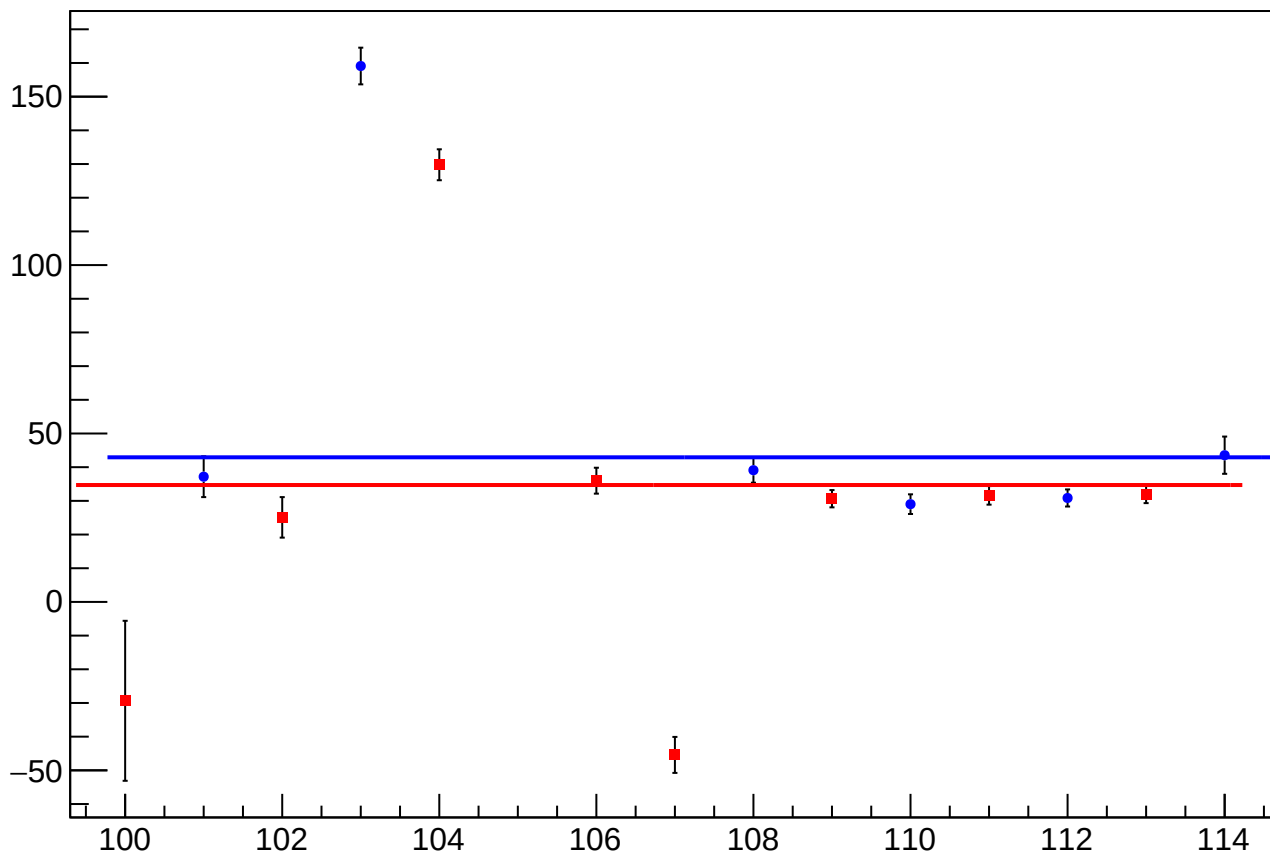
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.718+/-1.043 χ^2/NDF : 171.3/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: 42.931 $\pm$ 1.510 χ^2 /NDF: 502.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.705 $\pm$ 1.286 χ^2 /NDF: 668.1/7

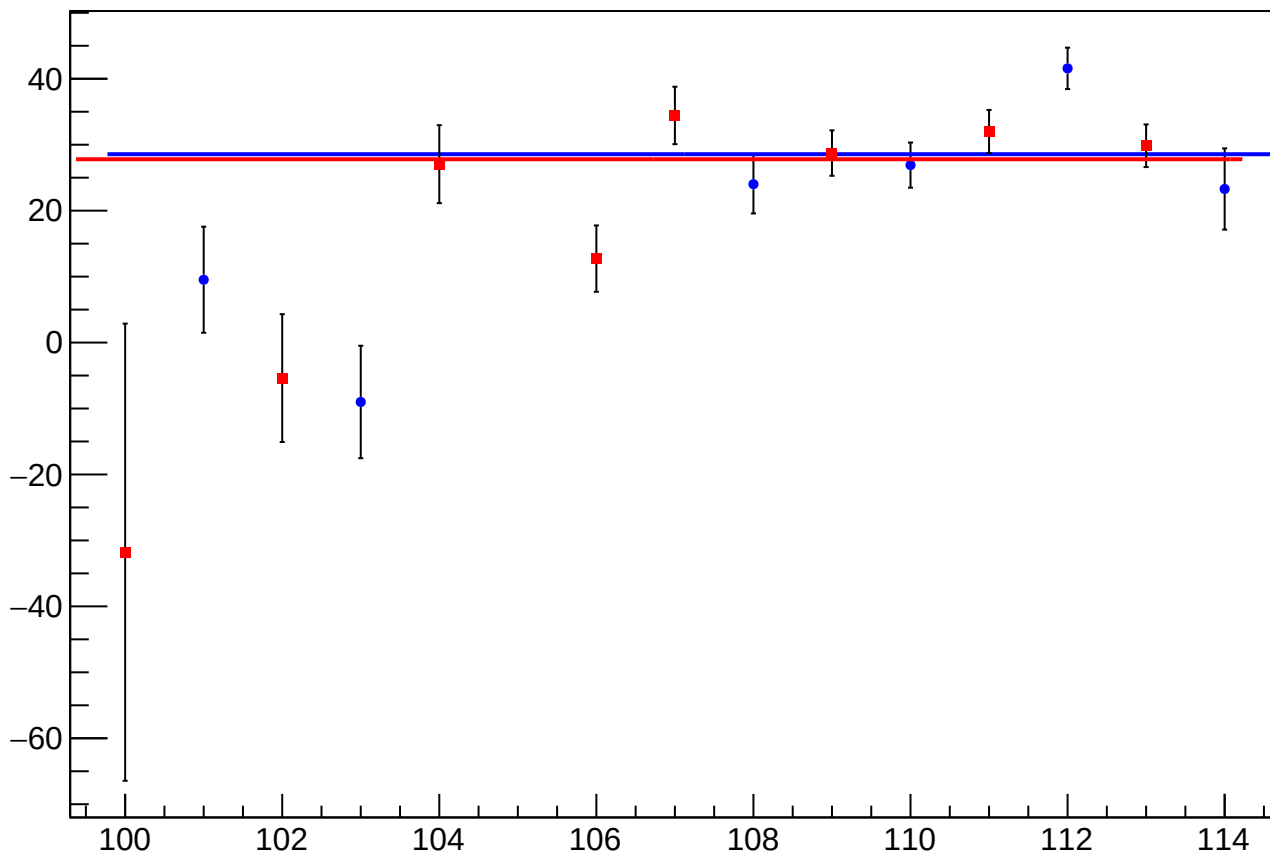
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.162 $\pm$ 0.979 χ^2 /NDF: 1187.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 28.559+/-1.847 χ^2/NDF : 44.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.795+/-1.569 χ^2/NDF : 28.1/7

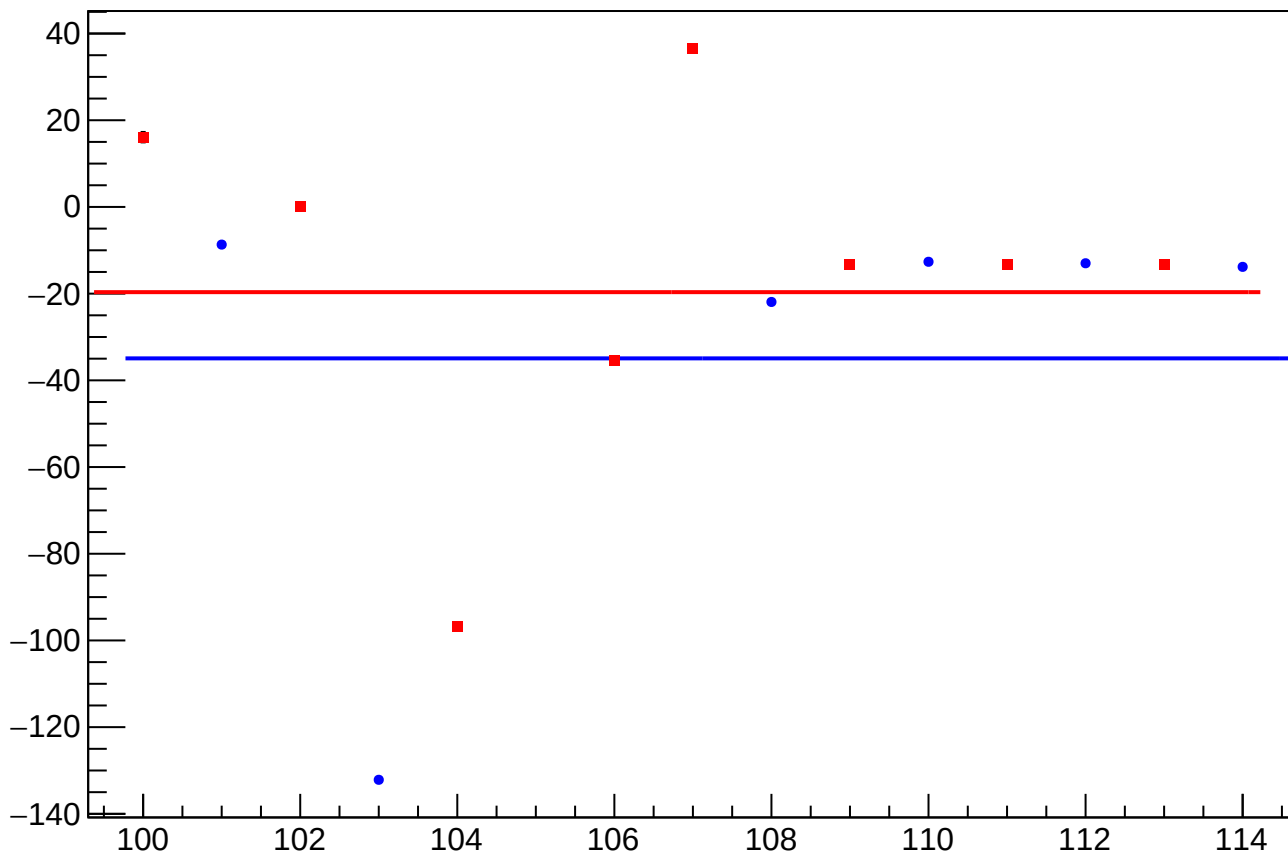
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.115+/-1.196 χ^2/NDF : 72.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: -34.933 ± 0.092 χ^2/NDF : 213429.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.656 ± 0.079 χ^2/NDF : 202826.6/7

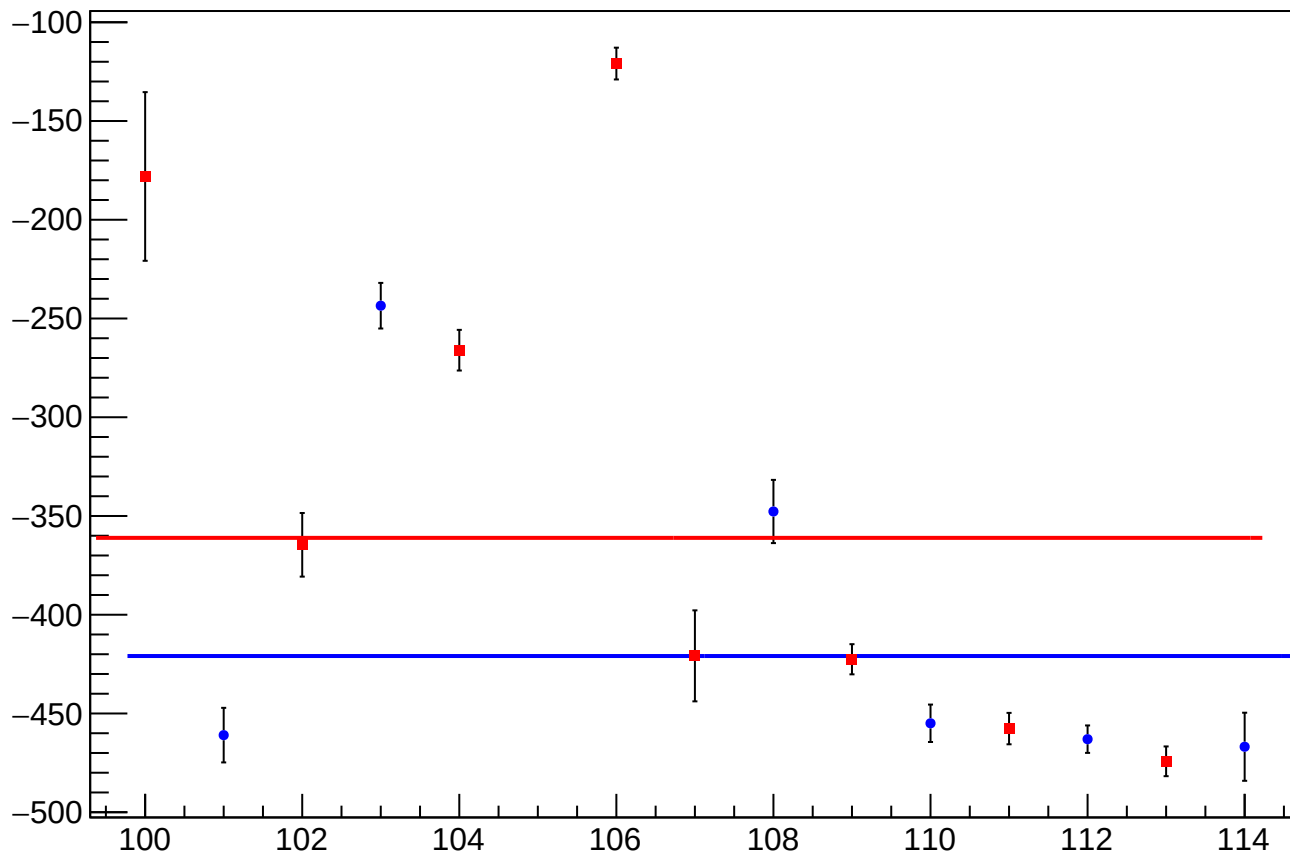
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.124 ± 0.060 χ^2/NDF : 432166.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -420.908+/-4.392 χ^2/NDF : 322.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -361.076+/-3.497 χ^2/NDF : 1438.7/7

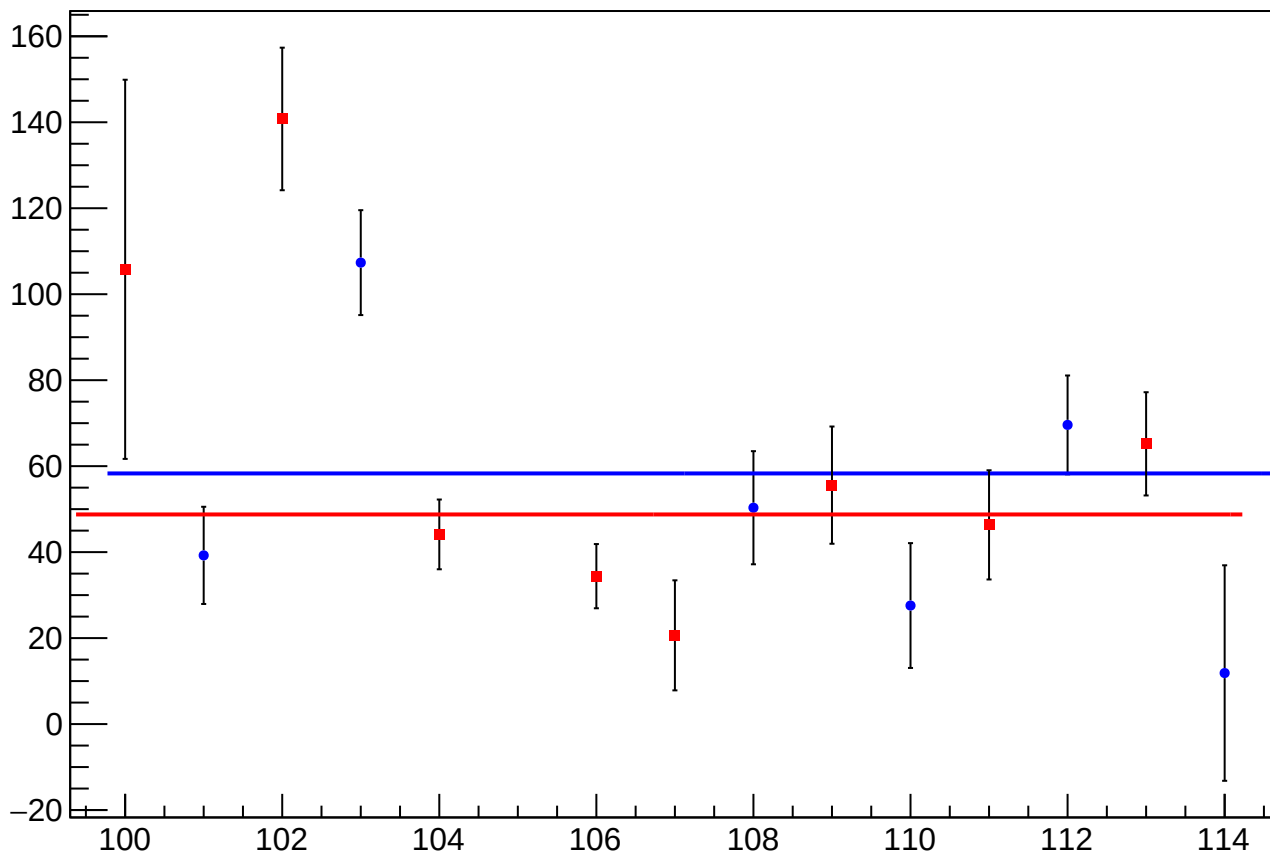
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.295+/-2.736 χ^2/NDF : 1874.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 58.306 $\pm$ 5.406 χ^2 /NDF: 28.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.764 $\pm$ 4.020 χ^2 /NDF: 43.5/7

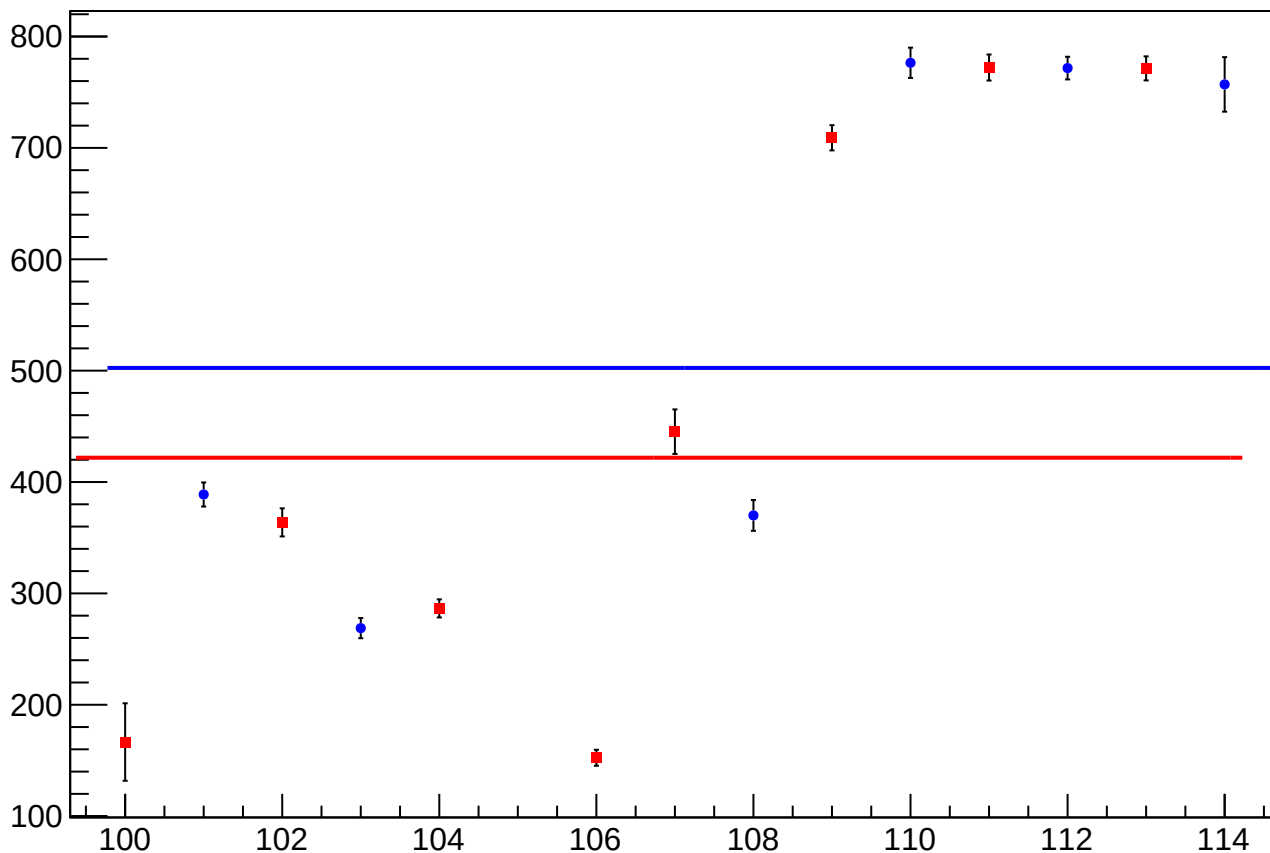
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.162 $\pm$ 3.226 χ^2 /NDF: 73.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 502.450 $\pm$ 4.839 χ^2 /NDF: 2081.9/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 421.812 $\pm$ -3.836 χ^2 /NDF: 4360.5/7

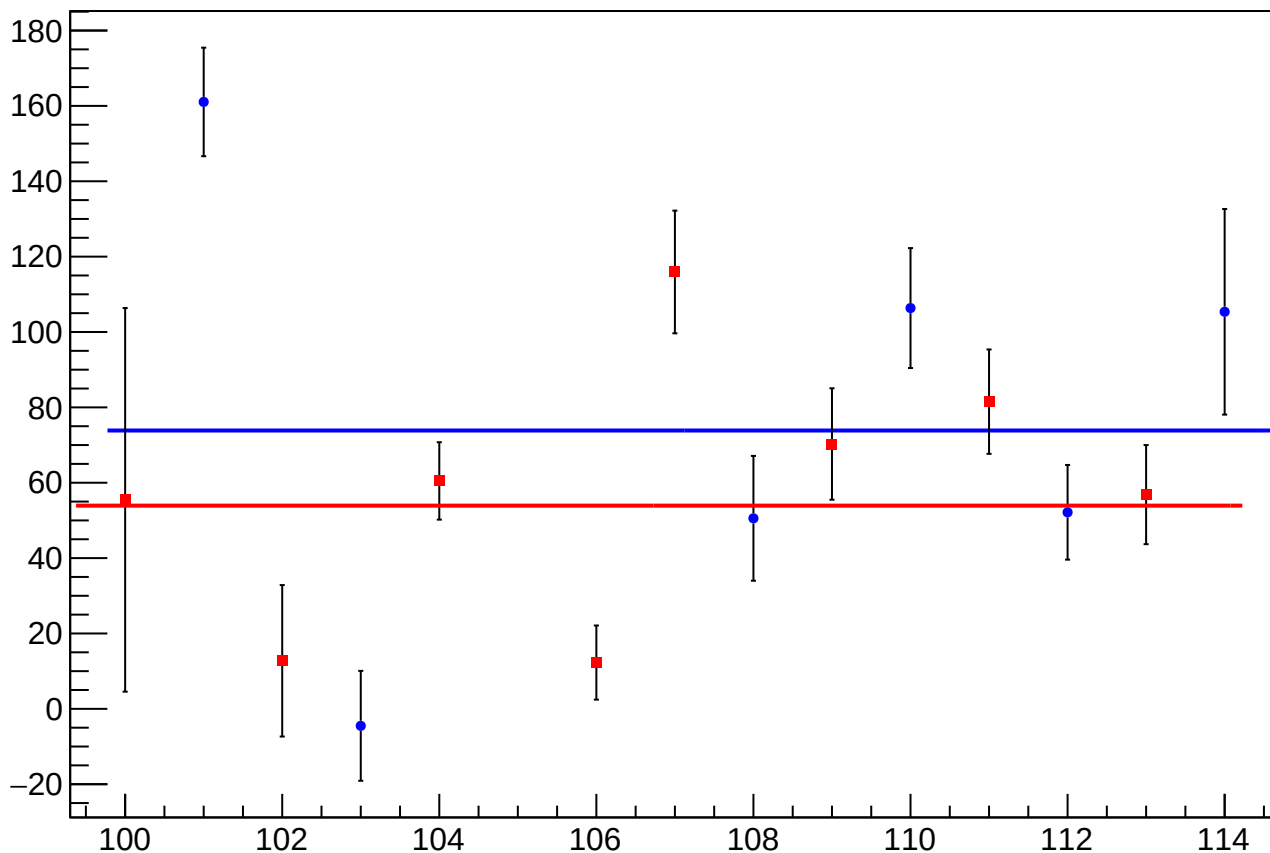
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 452.932 $\pm$ -3.006 χ^2 /NDF: 6613.0/13

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 73.861 $\pm$ 6.350 χ^2 /NDF: 76.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.926 $\pm$ 4.878 χ^2 /NDF: 42.3/7

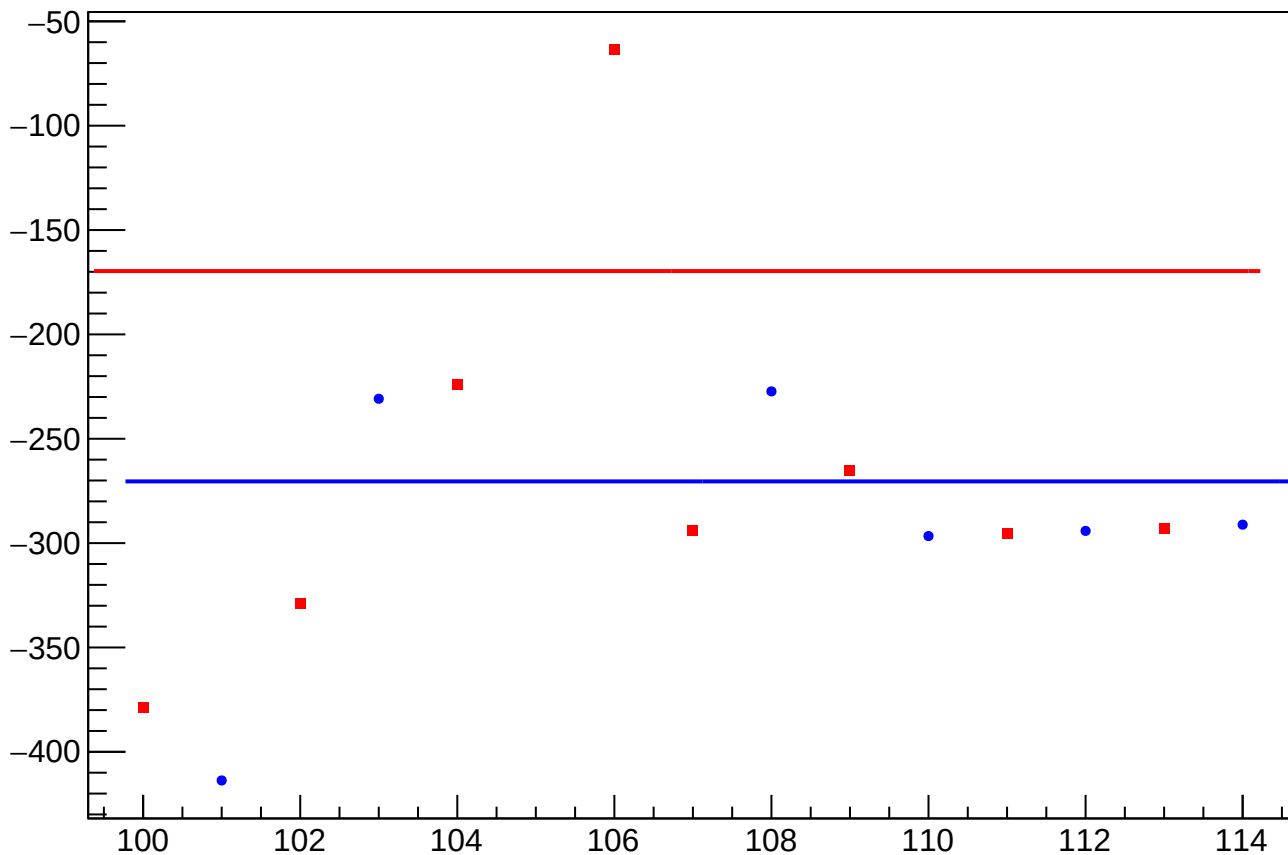
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.323 $\pm$ 3.868 χ^2 /NDF: 124.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -270.433 ± 0.258 χ^2/NDF : 67407.9/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -169.648 ± 0.179 χ^2/NDF : 369206.4/7

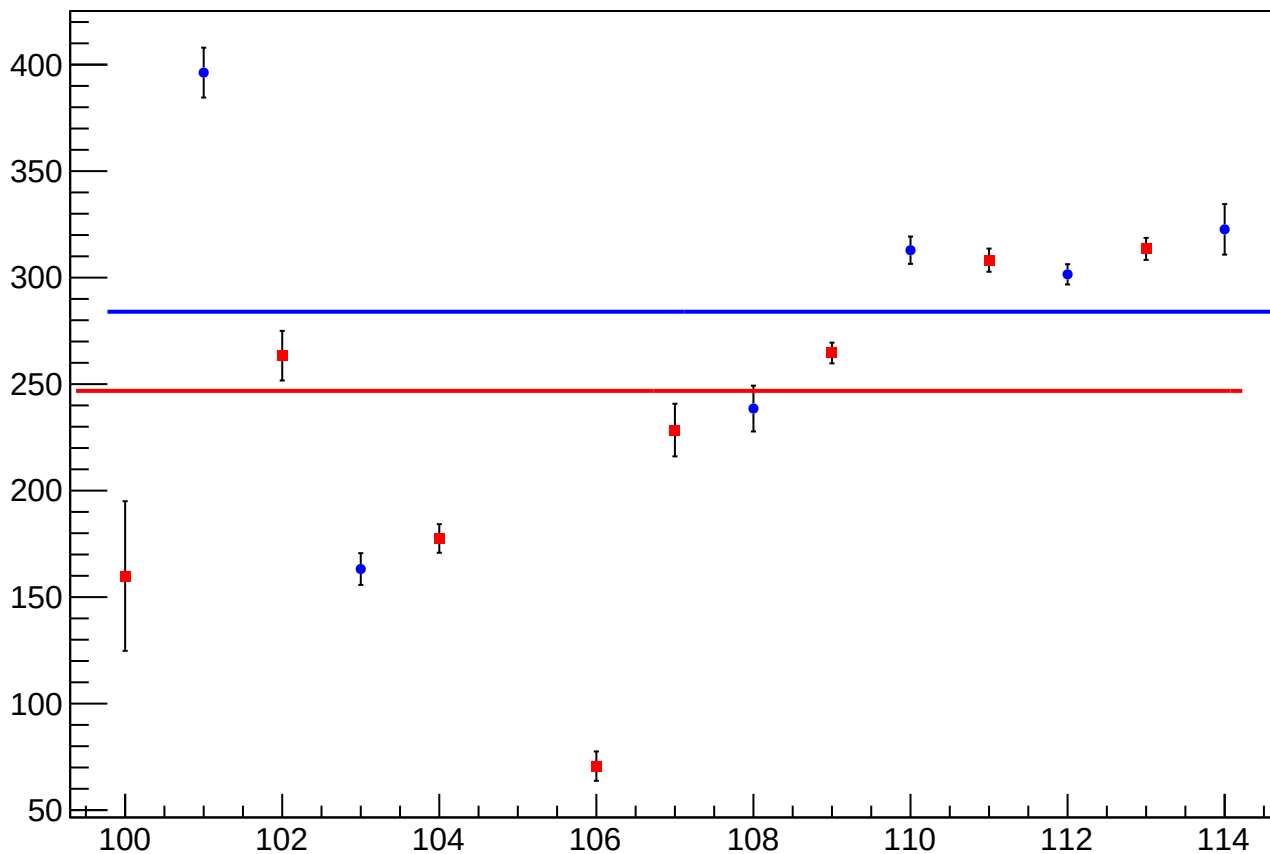
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -202.479 ± 0.147 χ^2/NDF : 539793.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 283.996 $\pm$ 3.022 χ^2 /NDF: 417.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 246.825 $\pm$ 2.415 χ^2 /NDF: 1078.2/7

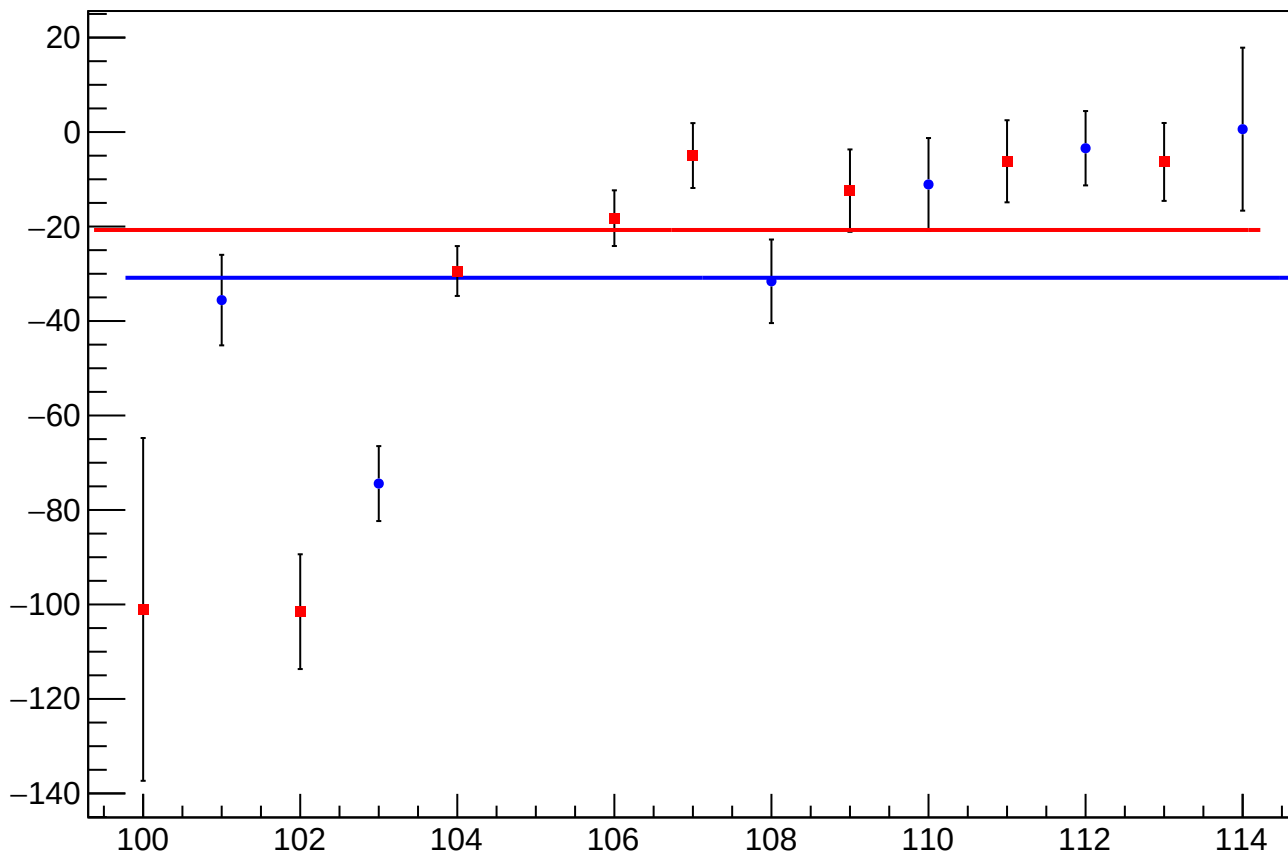
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 261.314 $\pm$ 1.887 χ^2 /NDF: 1587.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -30.846 ± 3.795 $\chi^2/\text{NDF}: 49.9/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.729 ± 2.727 $\chi^2/\text{NDF}: 64.0/7$

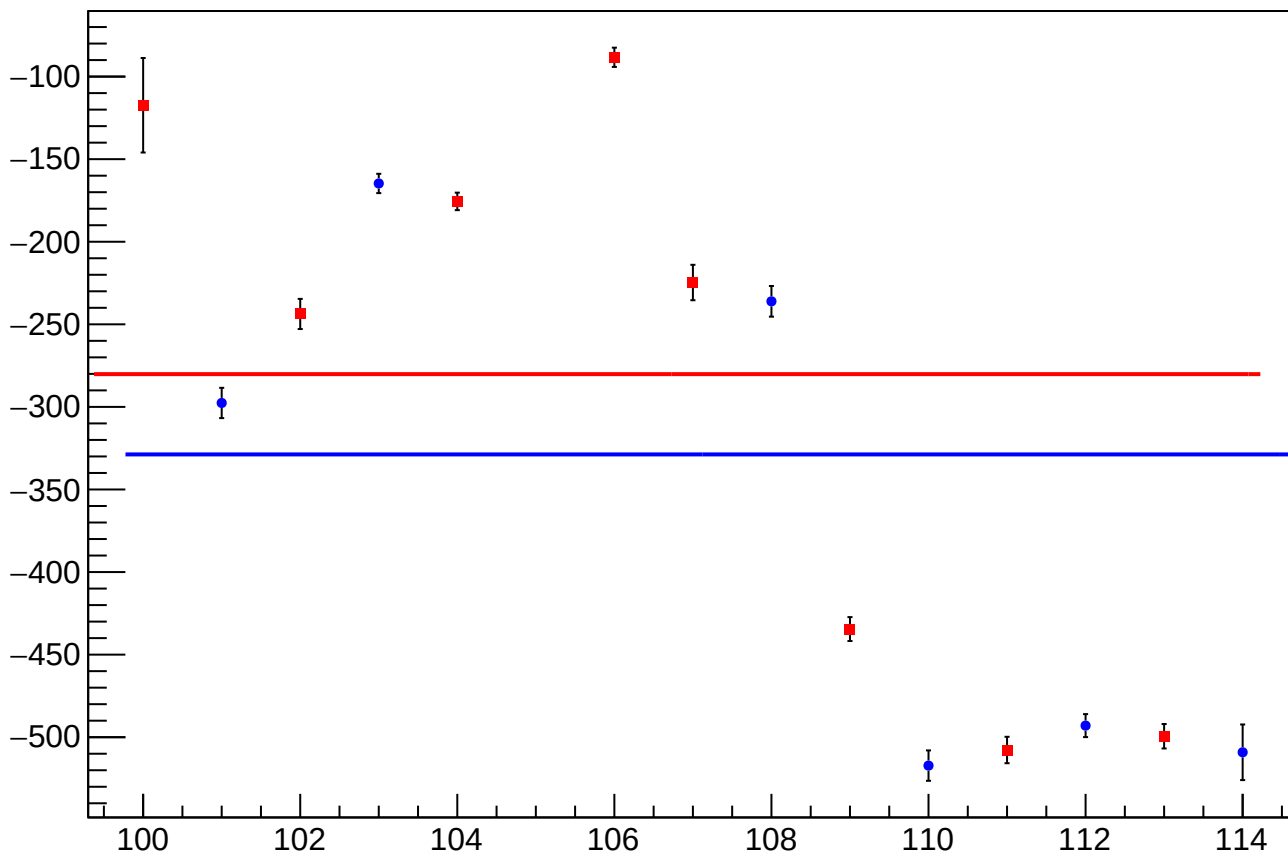
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.173 ± 2.214 $\chi^2/\text{NDF}: 118.7/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -328.768 ± 3.358 χ^2/NDF : 1988.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -280.164 ± 2.673 χ^2/NDF : 3690.1/7

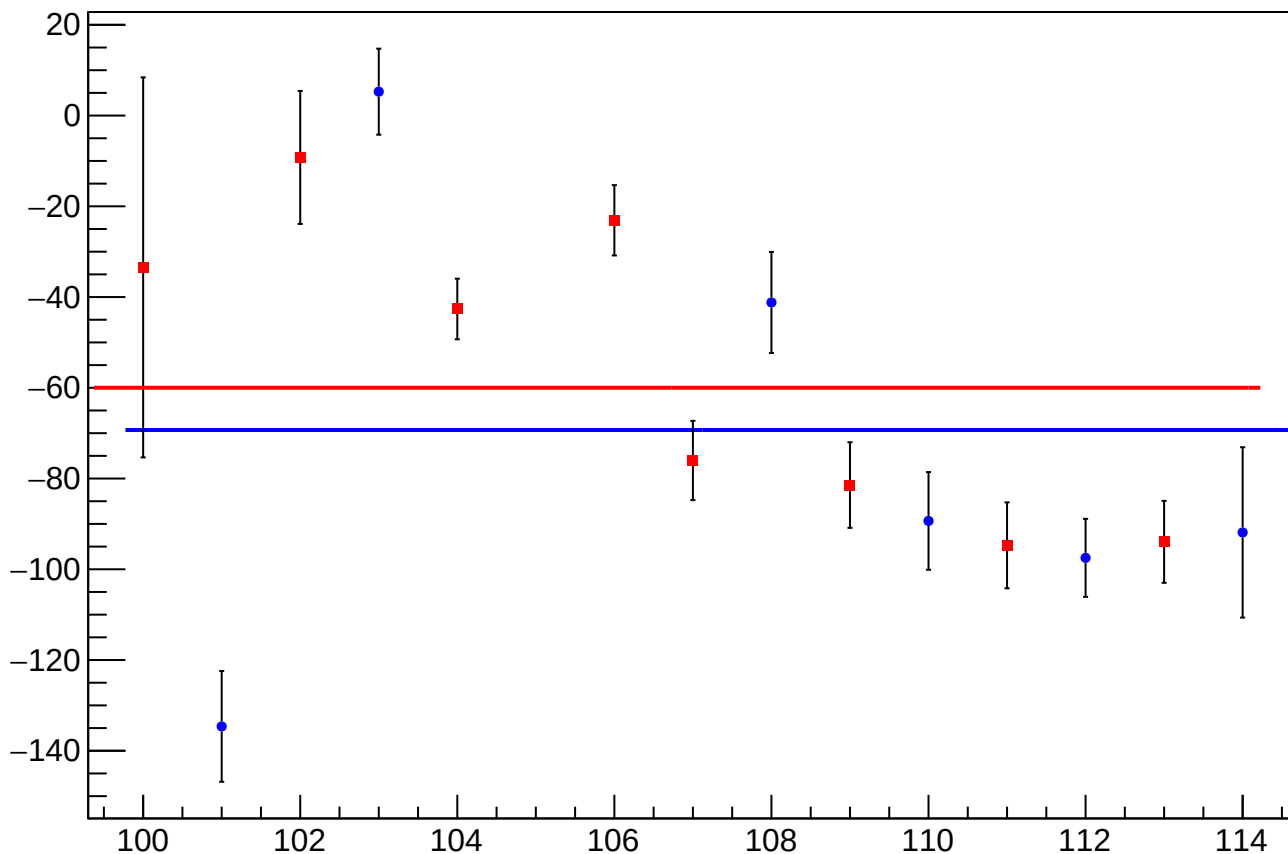
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -299.017 ± 2.091 χ^2/NDF : 5807.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -69.298 $\pm$ 4.433 χ^2 /NDF: 112.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.987 $\pm$ 3.296 χ^2 /NDF: 78.0/7

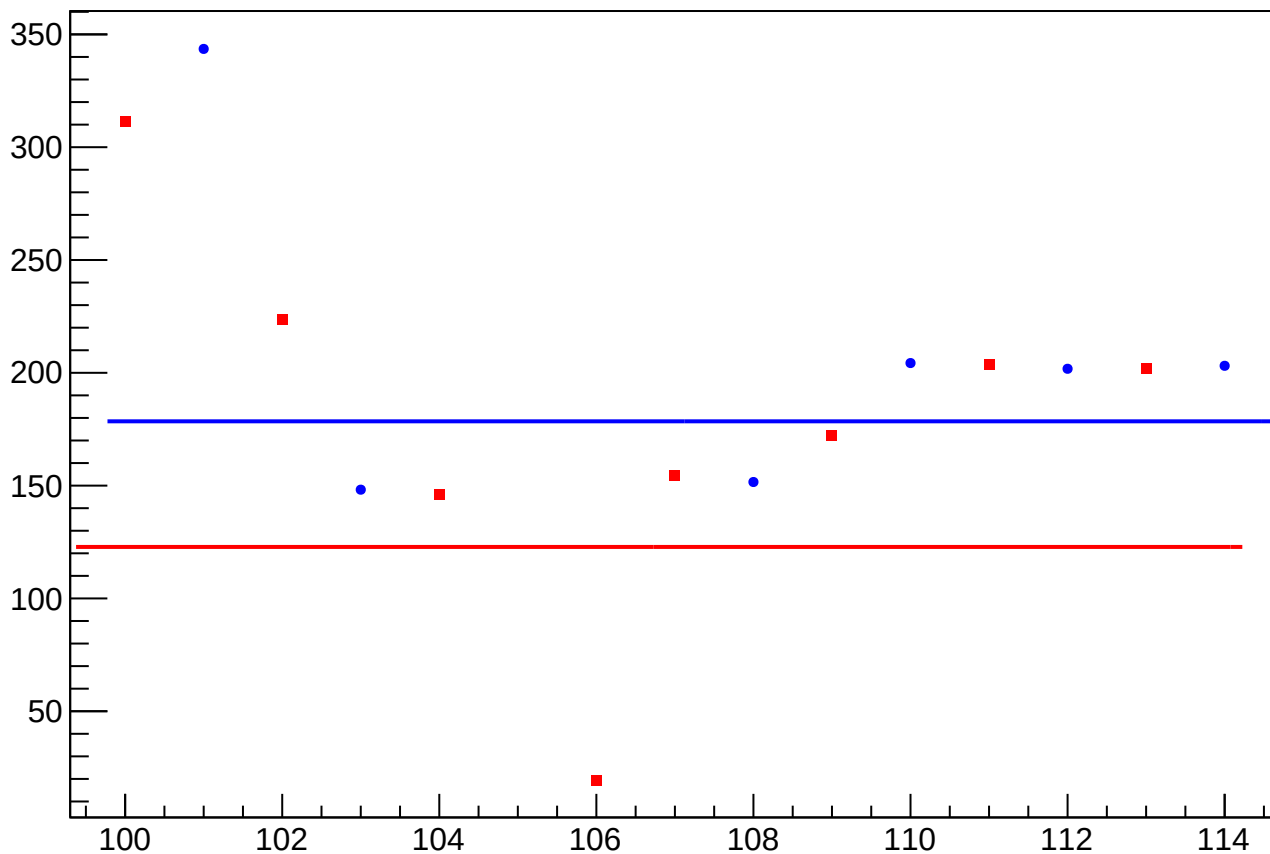
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -63.302 $\pm$ 2.645 χ^2 /NDF: 193.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 178.501 $\pm$ 0.175 χ^2 /NDF: 114560.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.824 $\pm$ 0.134 χ^2 /NDF: 339870.4/7

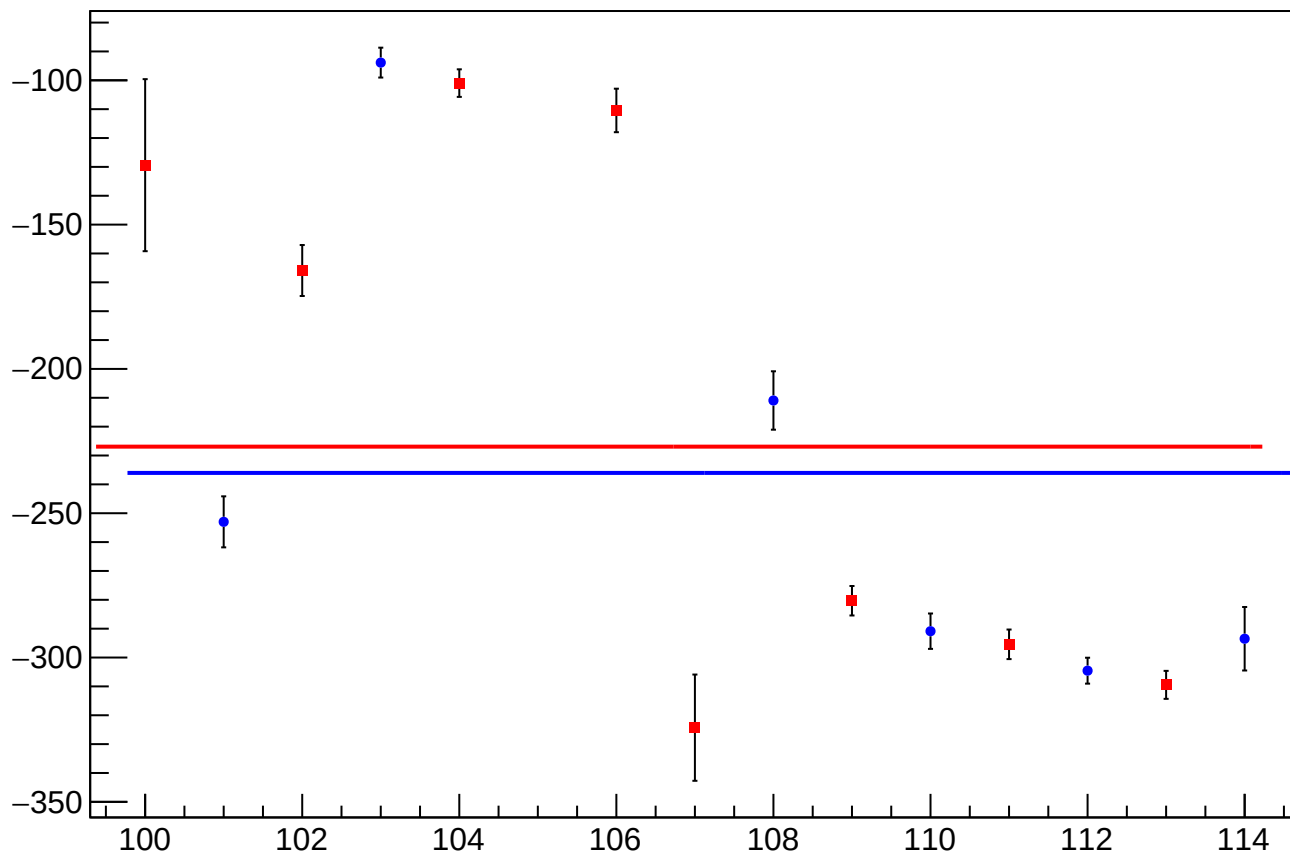
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.409 $\pm$ 0.107 χ^2 /NDF: 517976.5/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -236.031+/-2.632 χ^2/NDF : 1104.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.928+/-2.251 χ^2/NDF : 1598.3/7

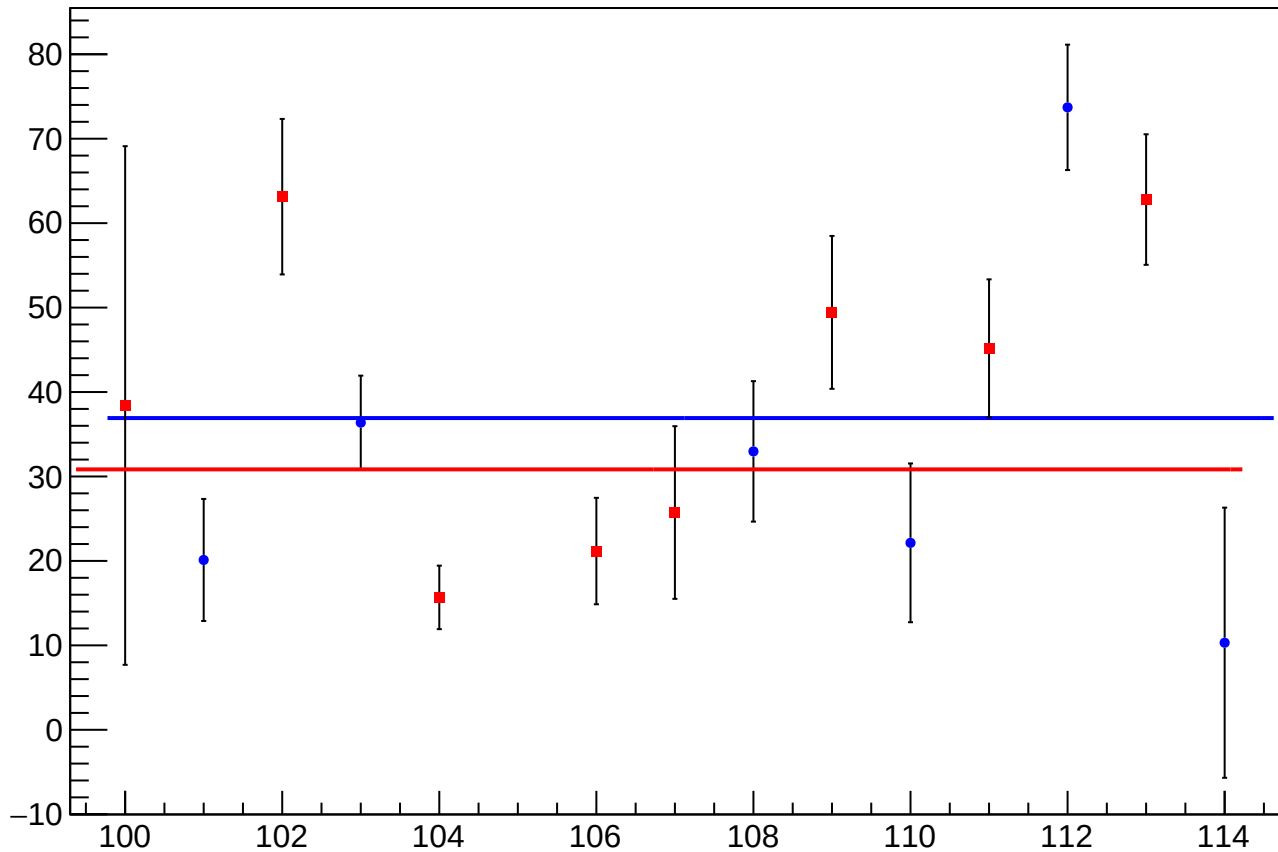
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.774+/-1.711 χ^2/NDF : 2709.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 36.917 $\pm$ 3.173 χ^2 /NDF: 35.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.840 $\pm$ 2.483 χ^2 /NDF: 55.6/7

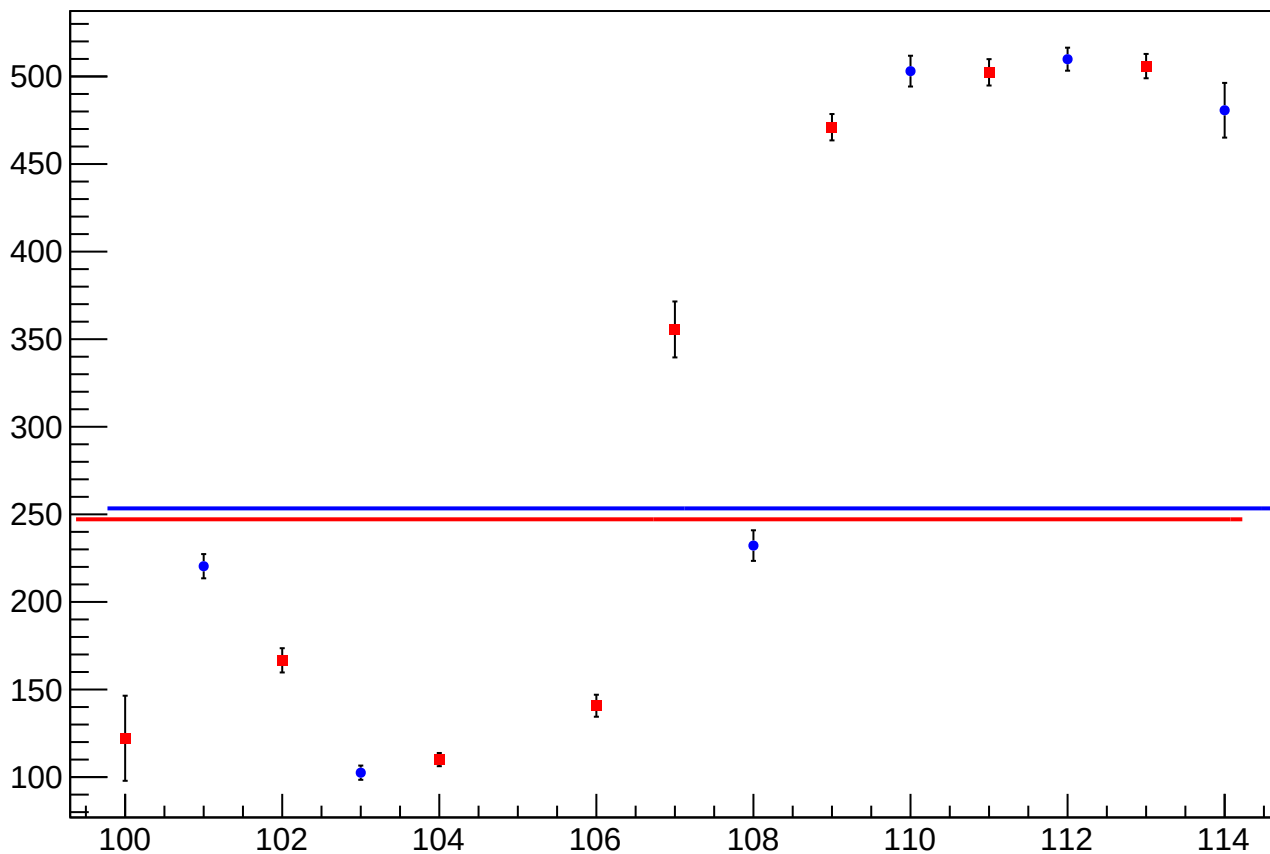
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.148 $\pm$ 1.956 χ^2 /NDF: 93.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 253.404 $\pm$ 2.725 χ^2 /NDF: 3947.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 247.173 $\pm$ 2.368 χ^2 /NDF: 5242.6/7

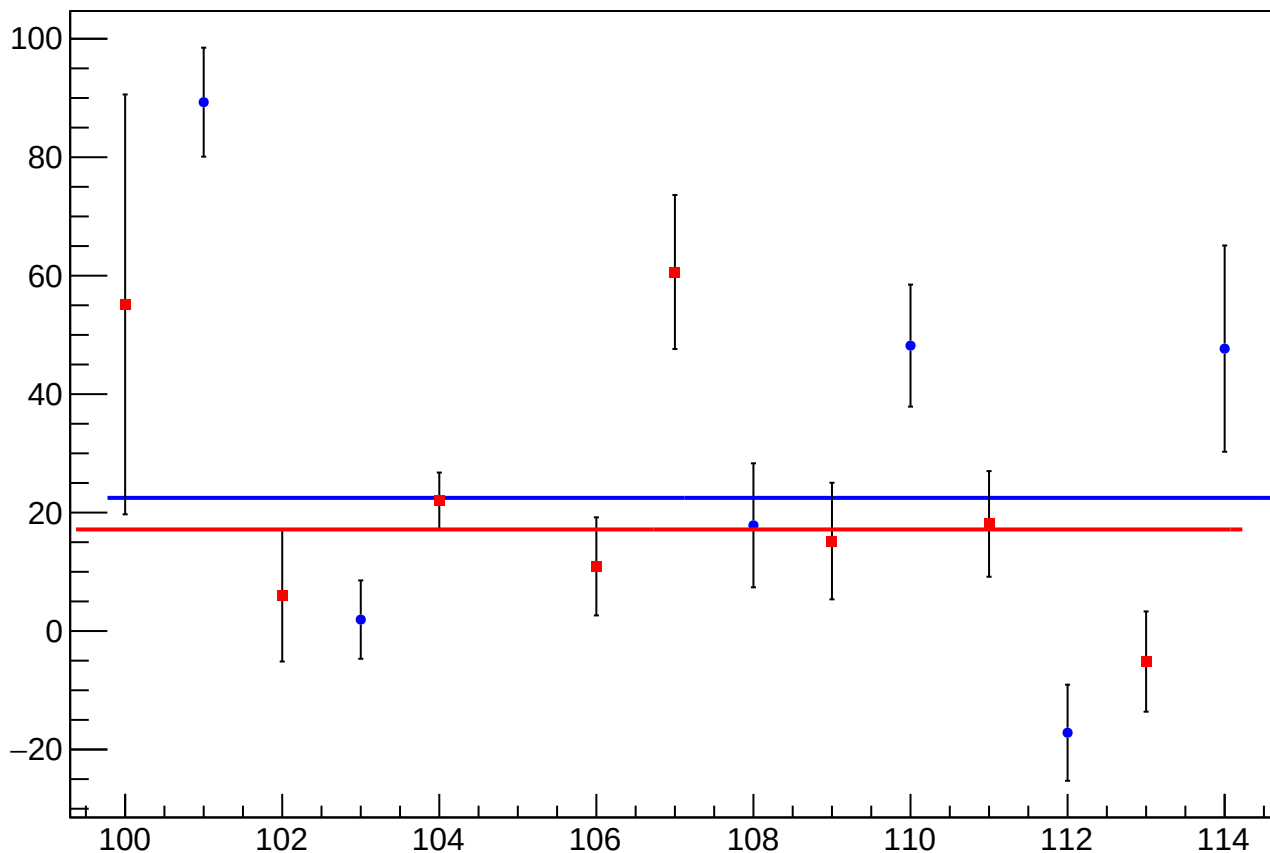
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.855 $\pm$ 1.787 χ^2 /NDF: 9192.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 22.486 $\pm$ 3.735 χ^2 /NDF: 94.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.153 $\pm$ 3.010 χ^2 /NDF: 21.9/7

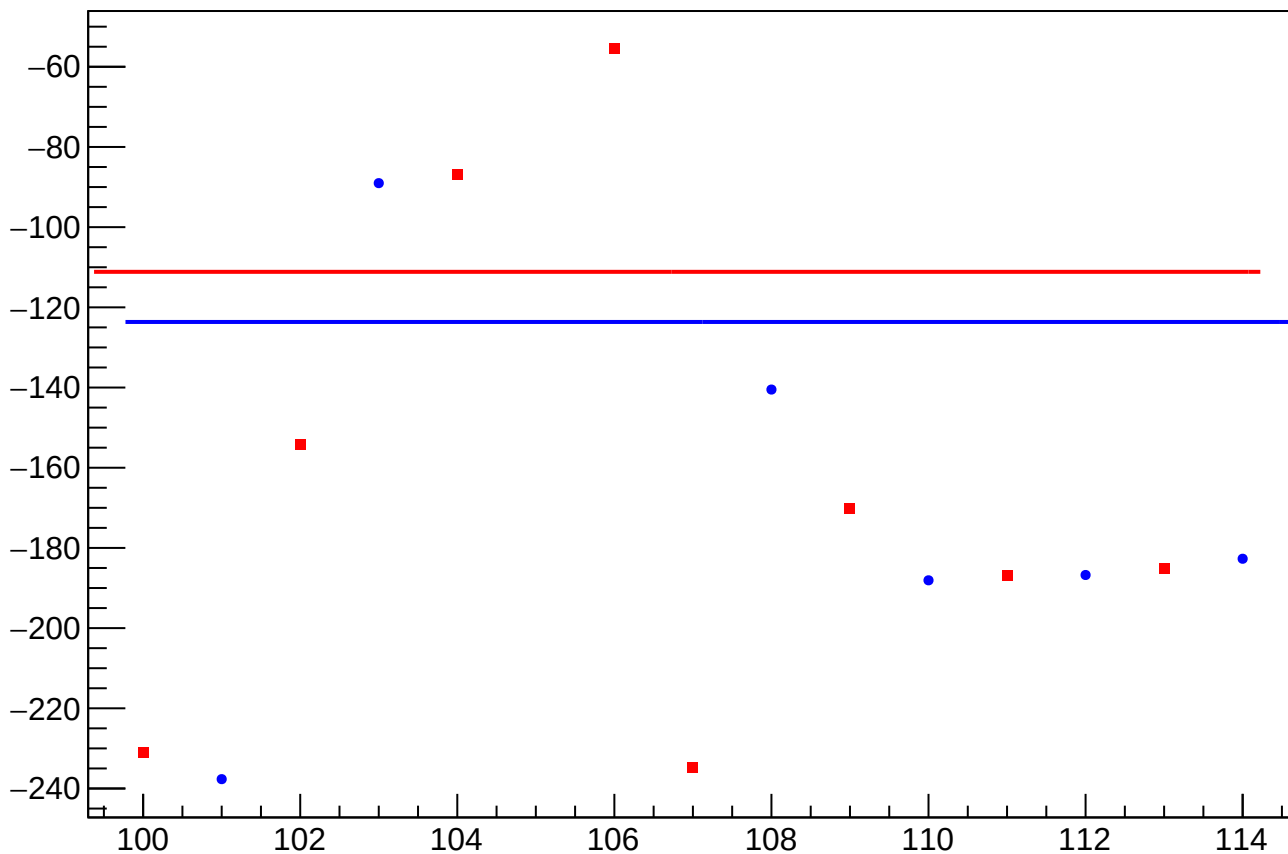
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.253 $\pm$ 2.344 χ^2 /NDF: 117.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -123.644+/-0.135 χ^2/NDF : 145770.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.141+/-0.120 χ^2/NDF : 179703.4/7

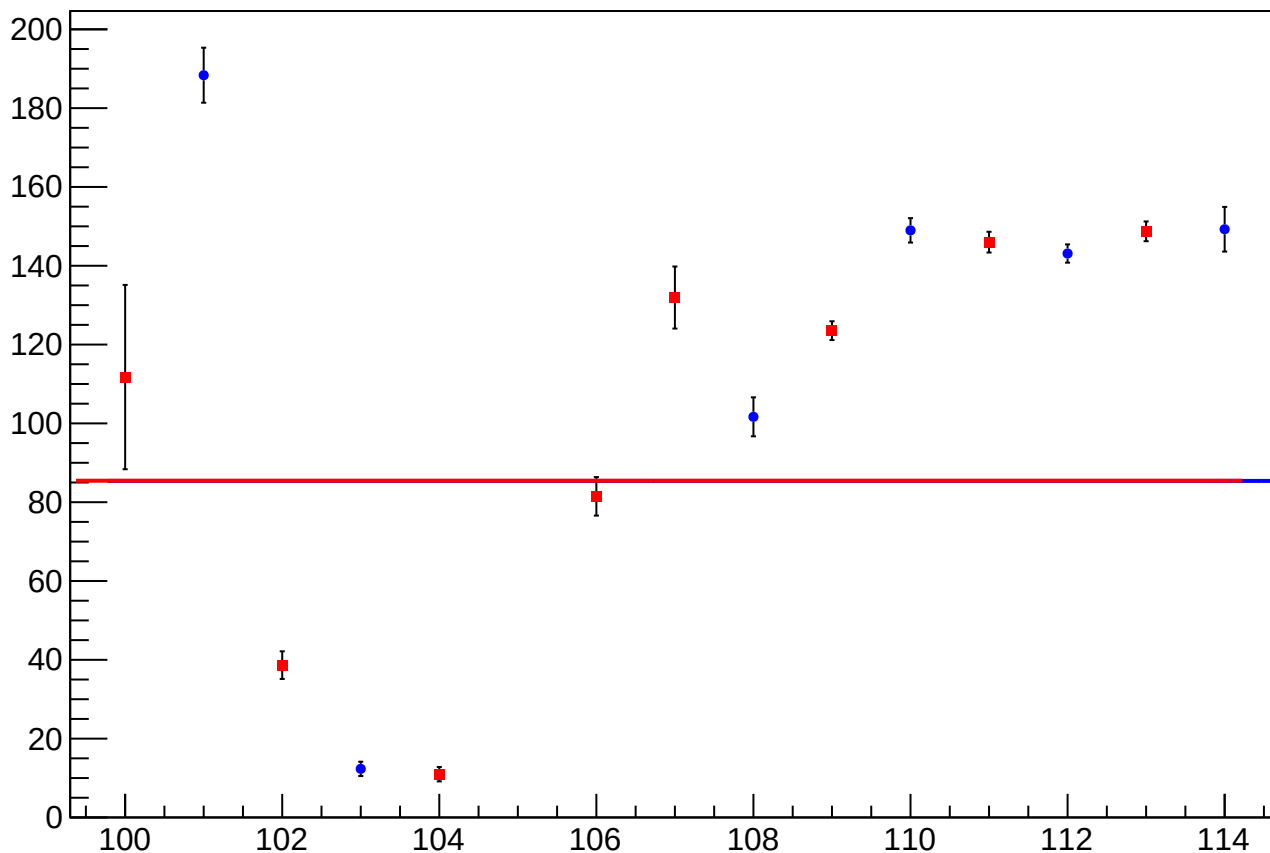
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.634+/-0.090 χ^2/NDF : 330277.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 85.401 $\pm$ 1.208 χ^2 /NDF: 3012.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.451 $\pm$ 1.043 χ^2 /NDF: 3296.7/7

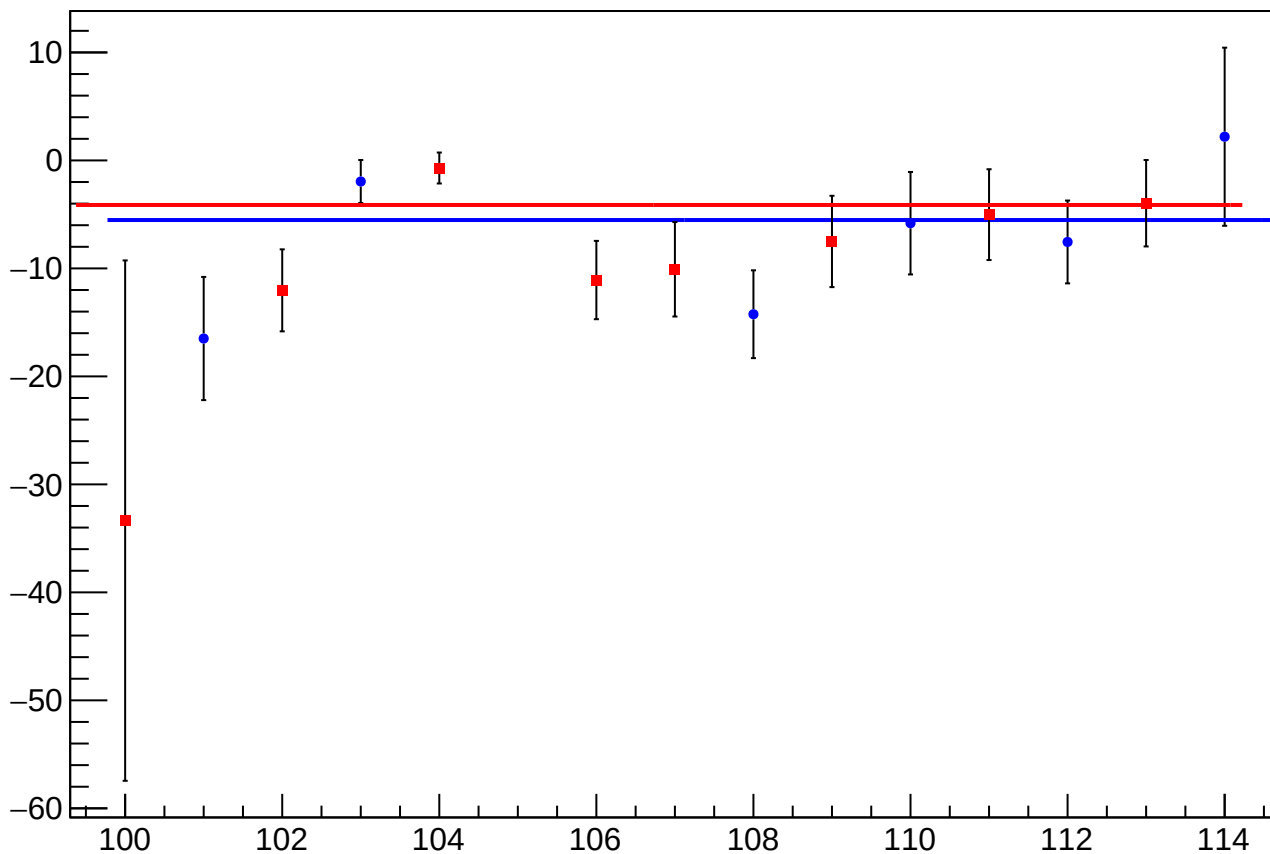
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.430 $\pm$ 0.789 χ^2 /NDF: 6309.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -5.520+/-1.457 χ^2/NDF : 12.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.126+/-1.077 χ^2/NDF : 17.7/7

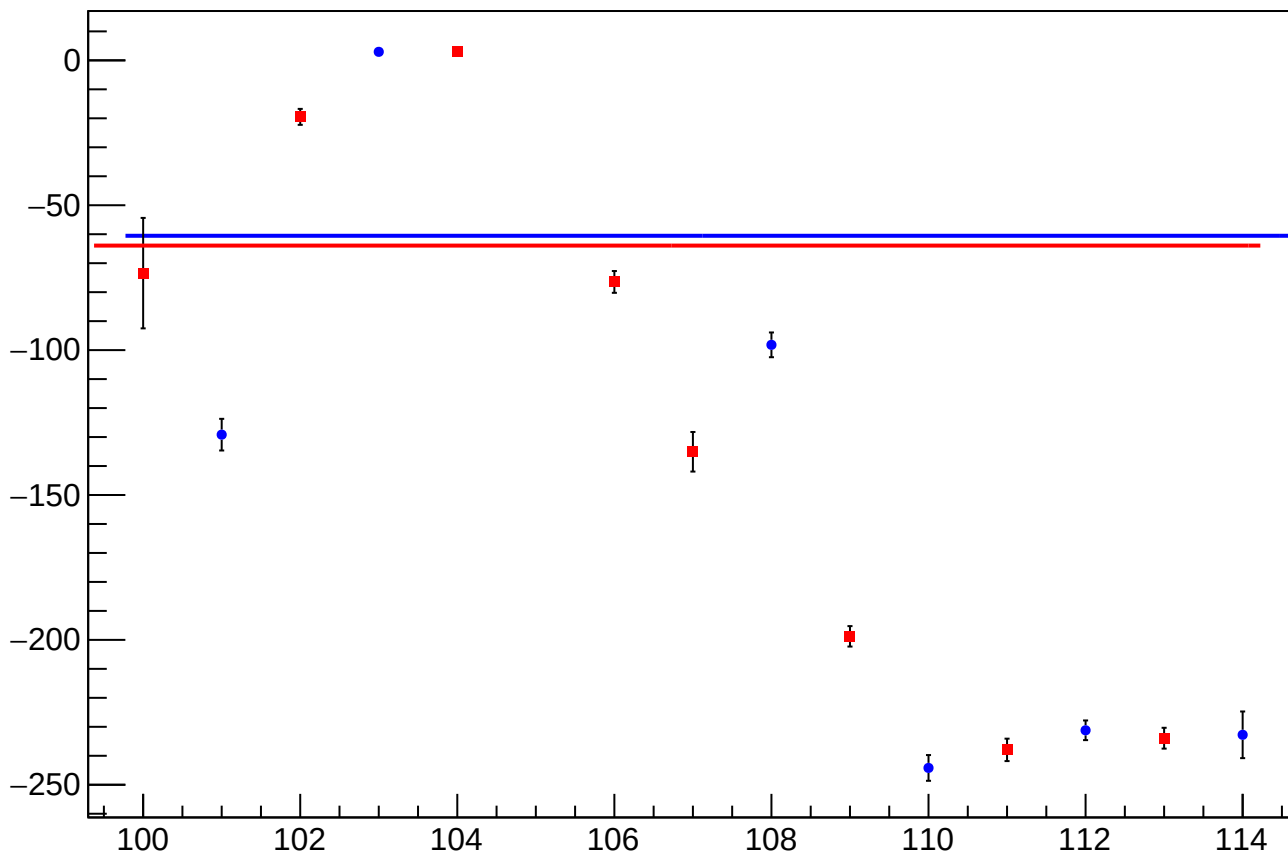
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.619+/-0.866 χ^2/NDF : 31.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -60.539+/-1.169 χ^2/NDF : 6907.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.926+/-1.035 χ^2/NDF : 8255.2/7

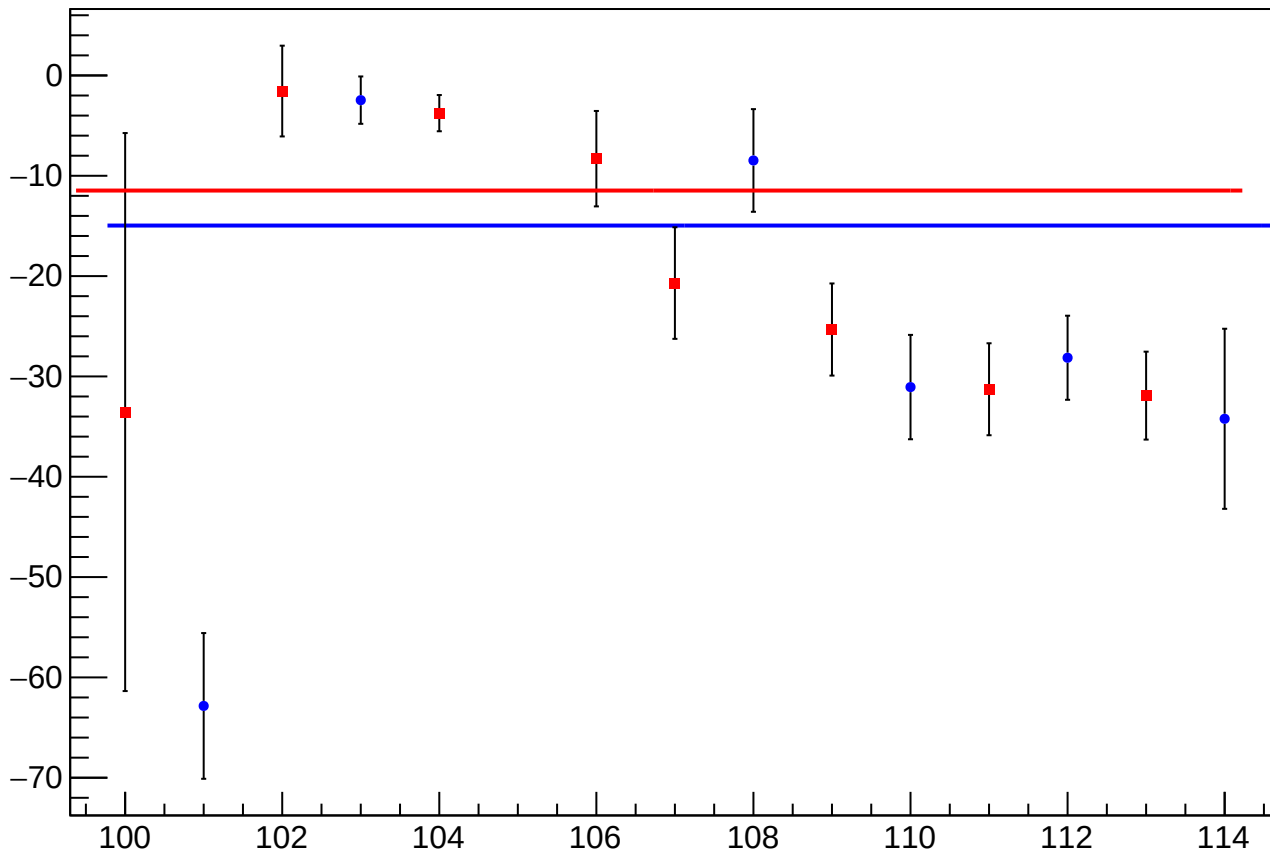
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.437+/-0.775 χ^2/NDF : 15167.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -14.961 $\pm$ 1.707 χ^2 /NDF: 97.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.472 $\pm$ 1.312 χ^2 /NDF: 76.4/7

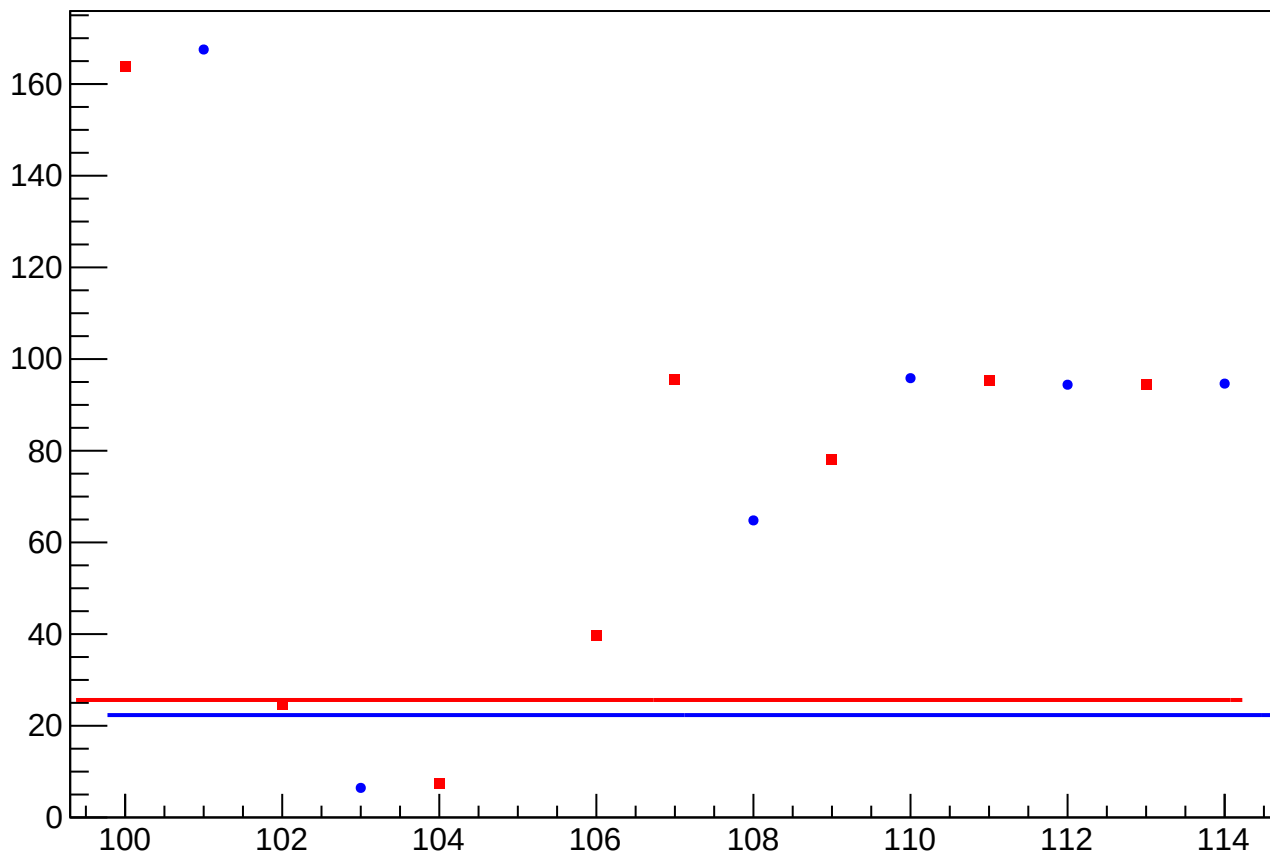
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.768 $\pm$ 1.041 χ^2 /NDF: 176.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 22.334+/-0.053 χ^2/NDF : 457292.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.627+/-0.052 χ^2/NDF : 323198.6/7

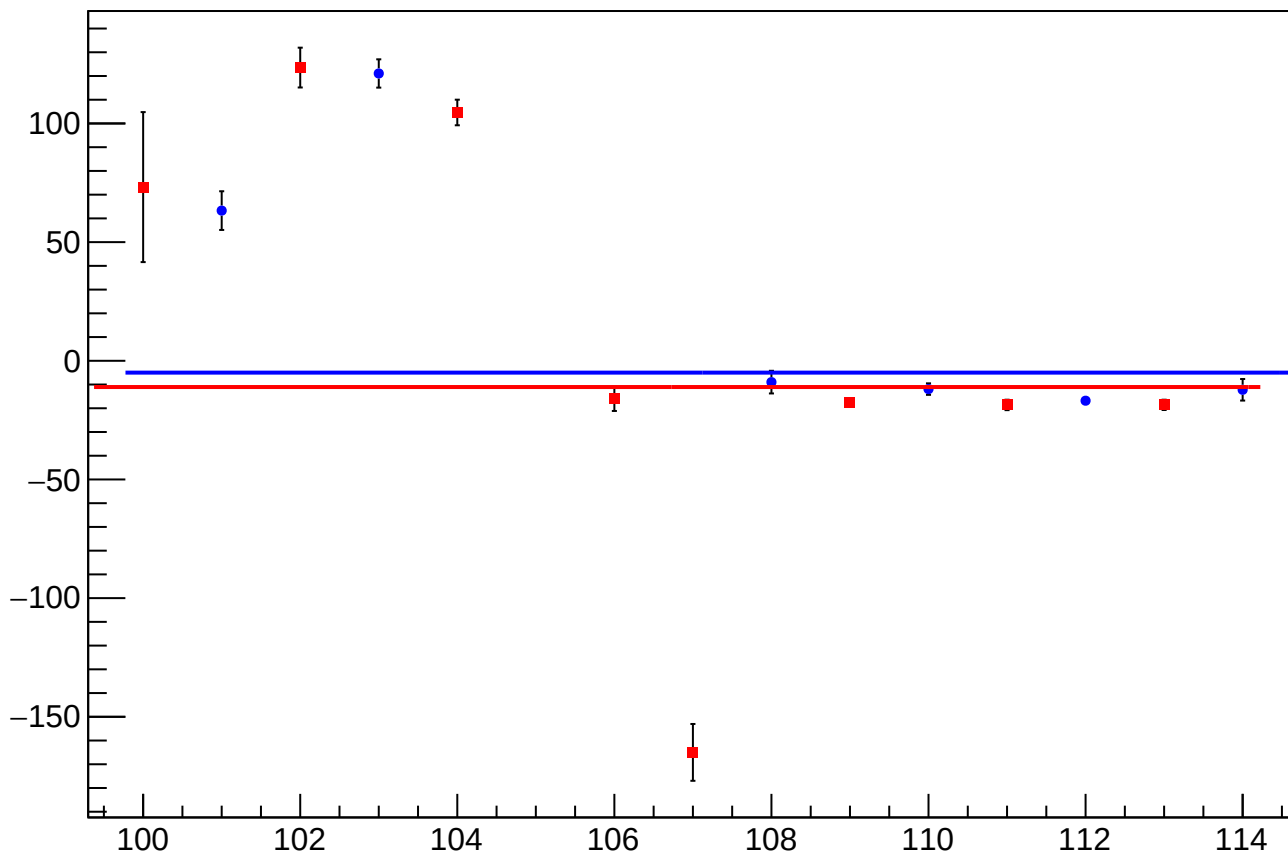
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.026+/-0.037 χ^2/NDF : 782444.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: -4.982+/-1.351 χ^2/NDF : 562.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.054+/-1.157 χ^2/NDF : 924.9/7

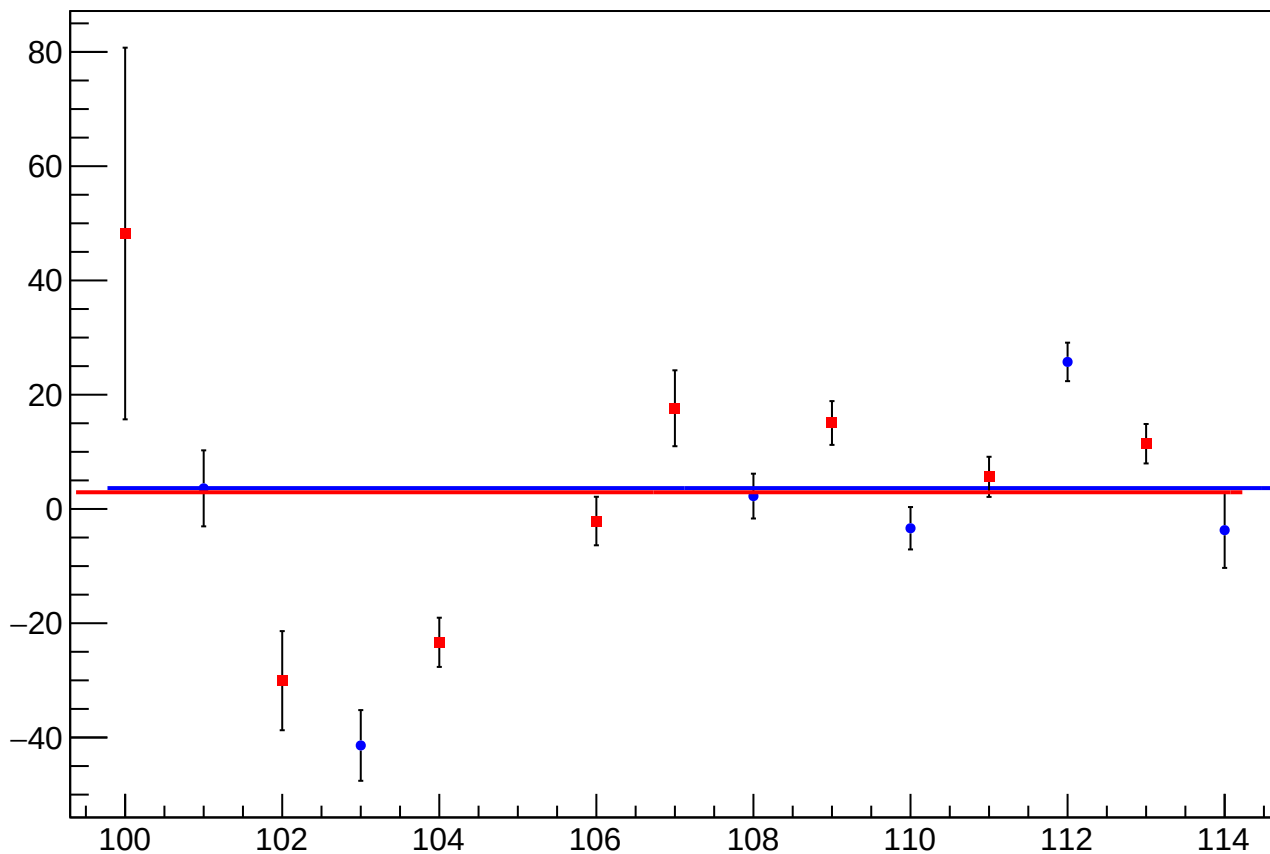
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.485+/-0.879 χ^2/NDF : 1498.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.652 $\pm$ 1.834 χ^2 /NDF: 101.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.924 $\pm$ 1.624 χ^2 /NDF: 76.5/7

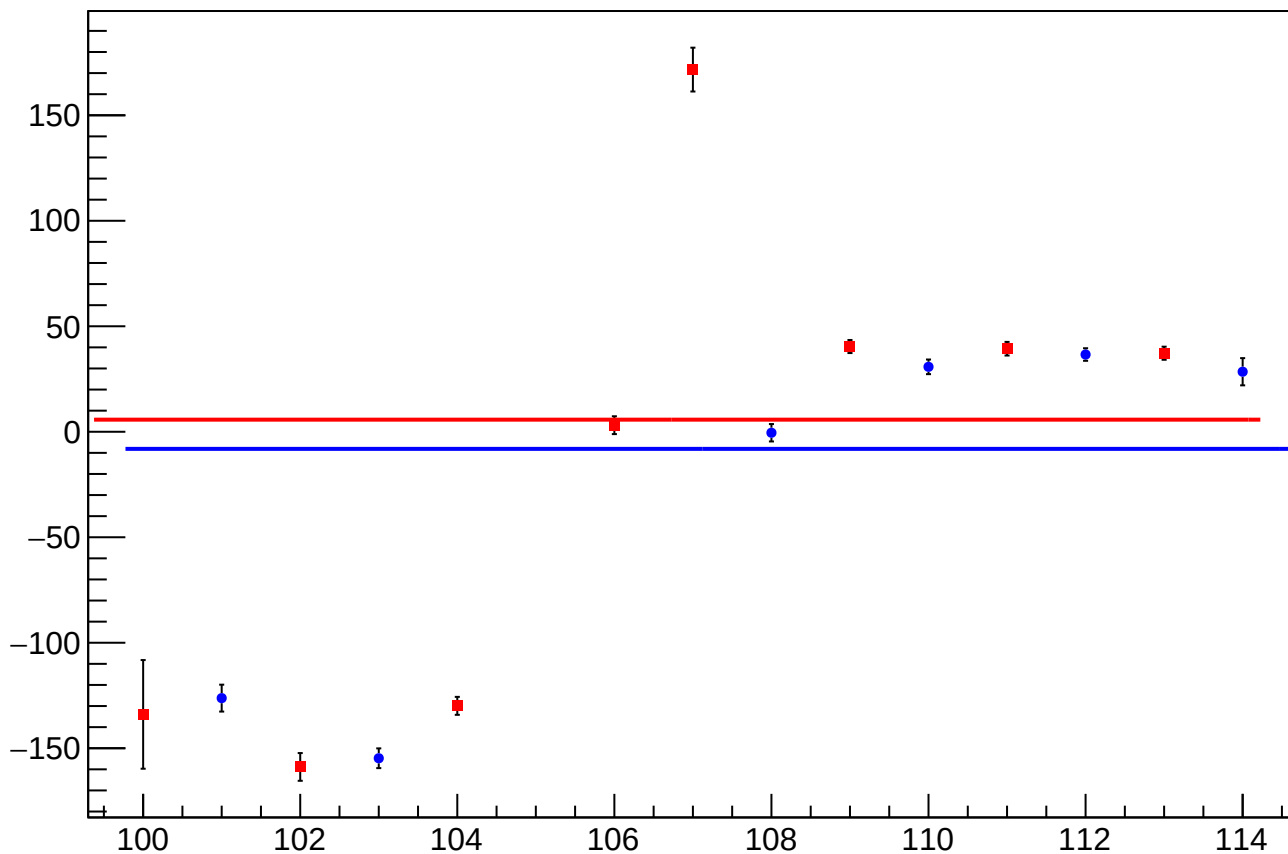
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.244 $\pm$ 1.216 χ^2 /NDF: 177.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -8.106 ± 1.692 χ^2/NDF : 1712.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.737 ± 1.492 χ^2/NDF : 2264.5/7

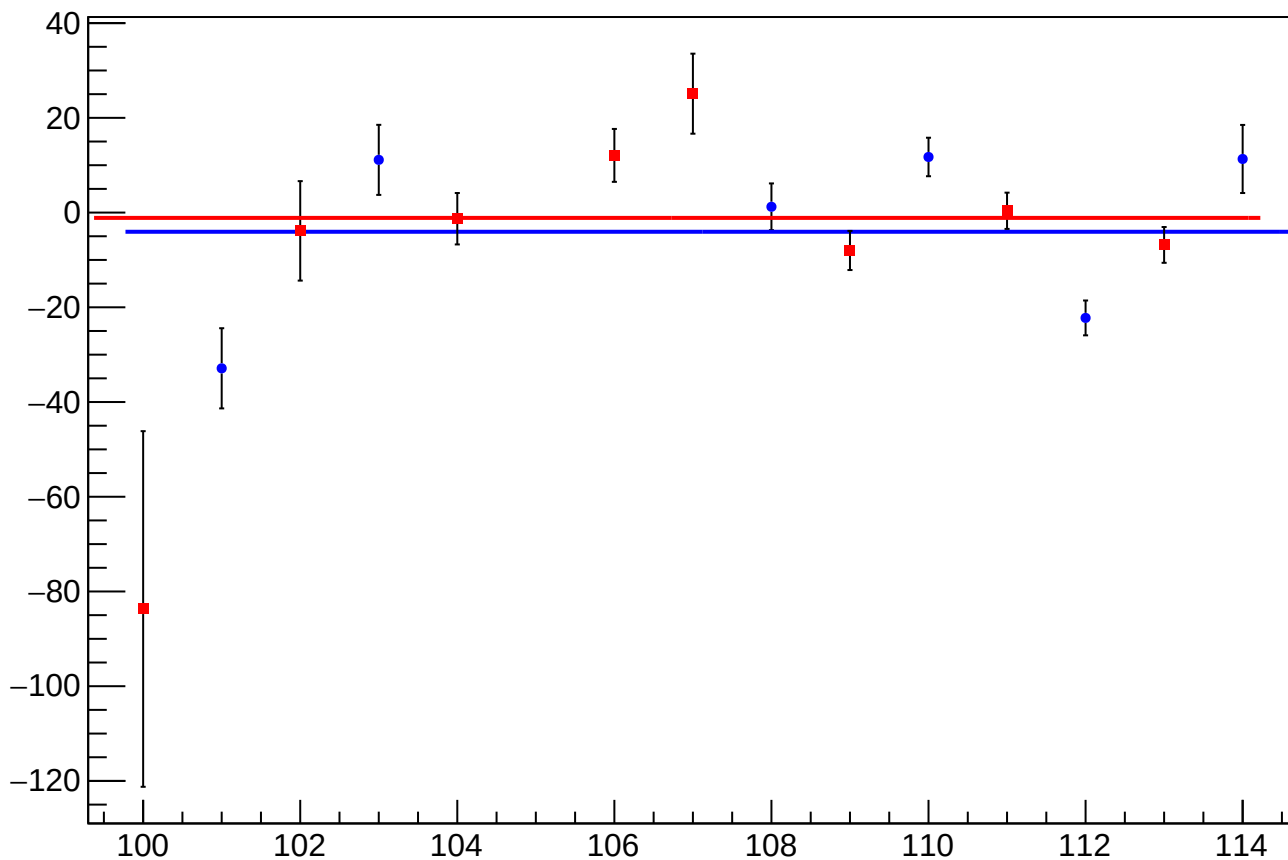
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.315 ± 1.119 χ^2/NDF : 4014.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -4.052+/-2.098 χ^2/NDF : 61.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.123+/-1.868 χ^2/NDF : 25.3/7

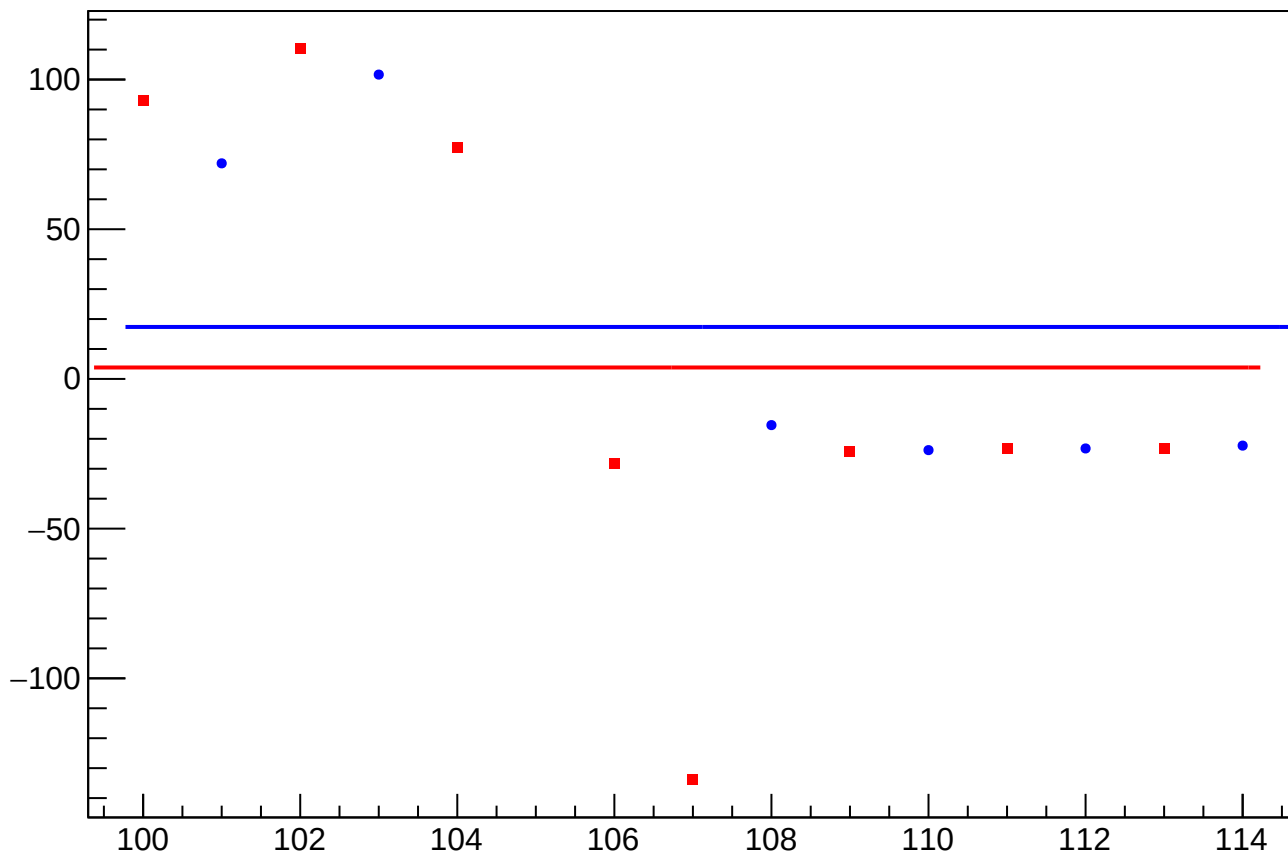
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.418+/-1.395 χ^2/NDF : 87.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 17.360 $\pm$ 0.098 χ^2 /NDF: 300767.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.824 $\pm$ 0.090 χ^2 /NDF: 446094.0/7

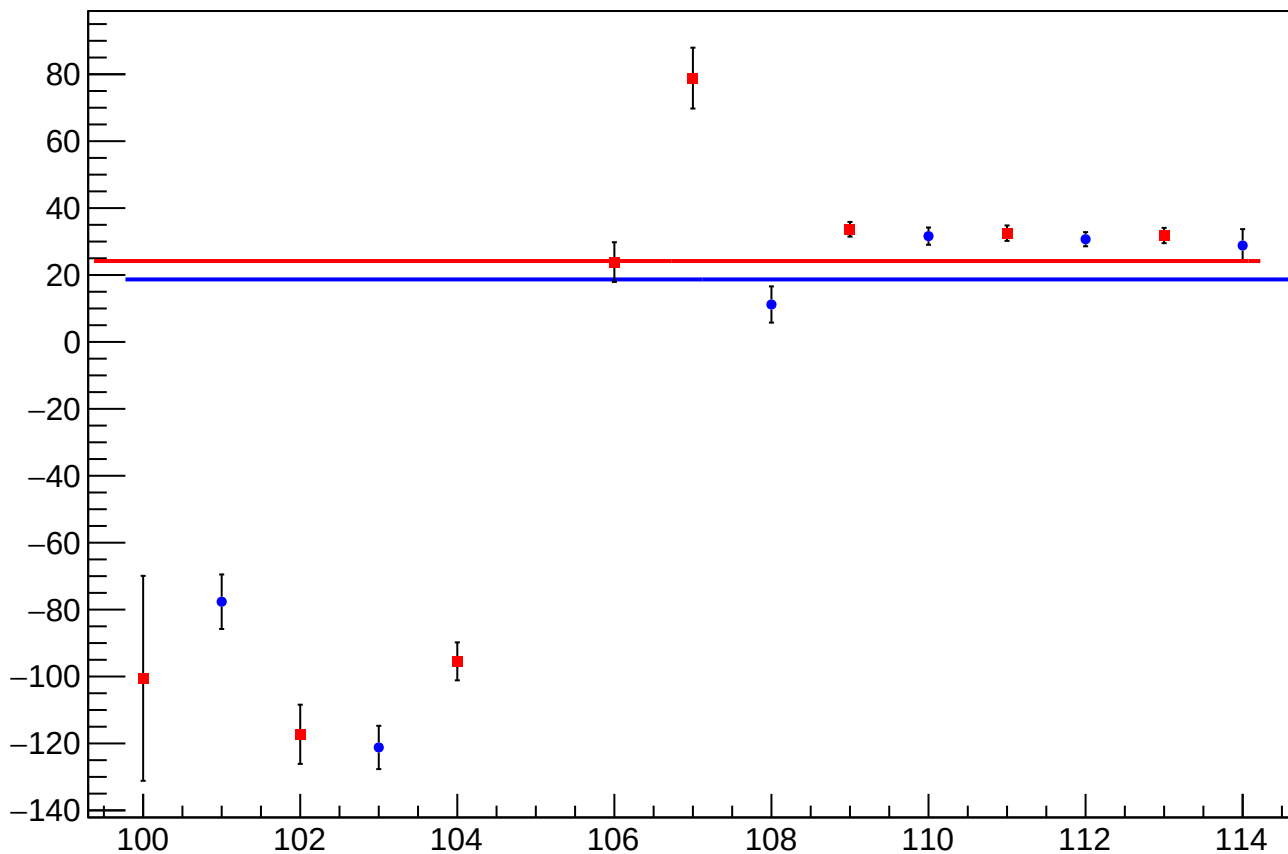
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.002 $\pm$ 0.067 χ^2 /NDF: 757131.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 18.679 $\pm$ 1.432 χ^2 /NDF: 669.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.183 $\pm$ 1.218 χ^2 /NDF: 796.2/7

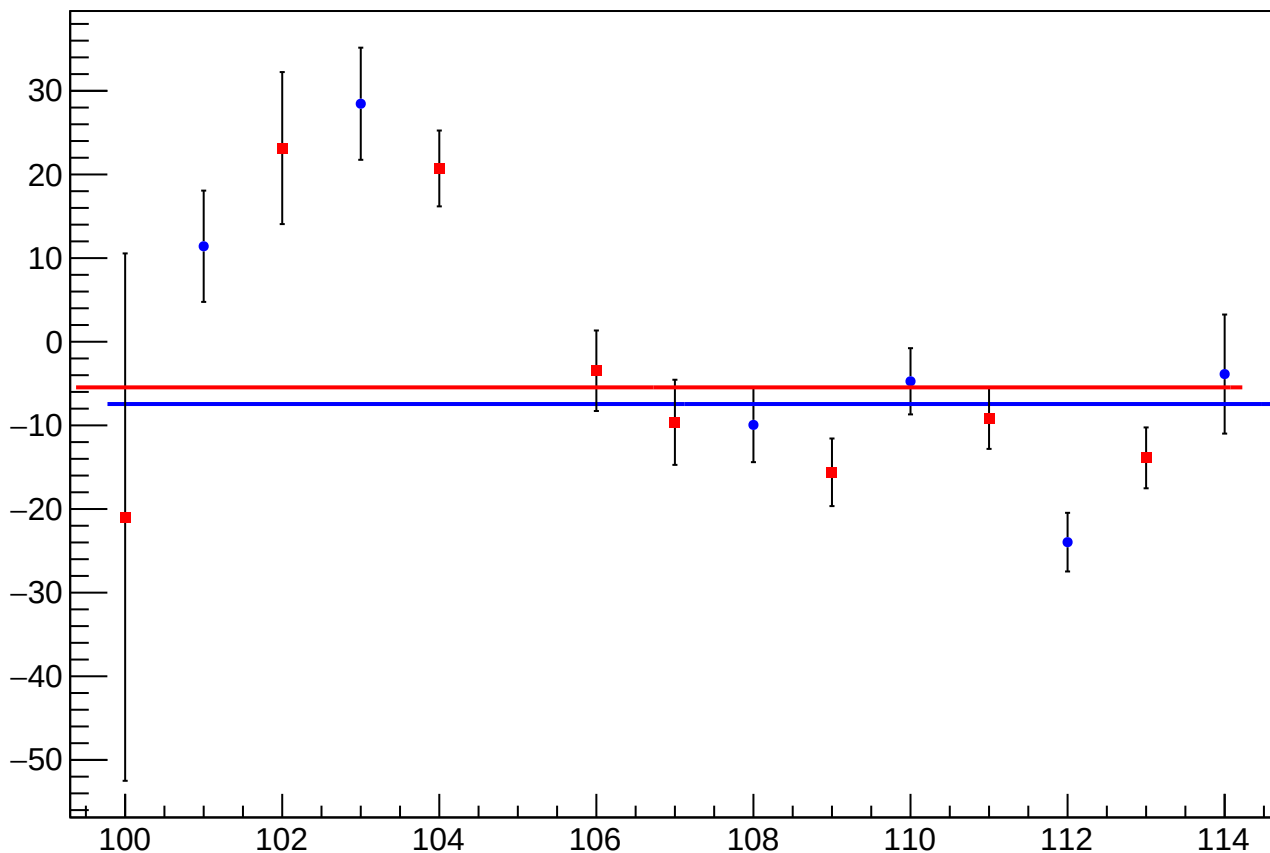
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.872 $\pm$ 0.928 χ^2 /NDF: 1474.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -7.447+/-1.961 χ^2/NDF : 59.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.455+/-1.681 χ^2/NDF : 57.0/7

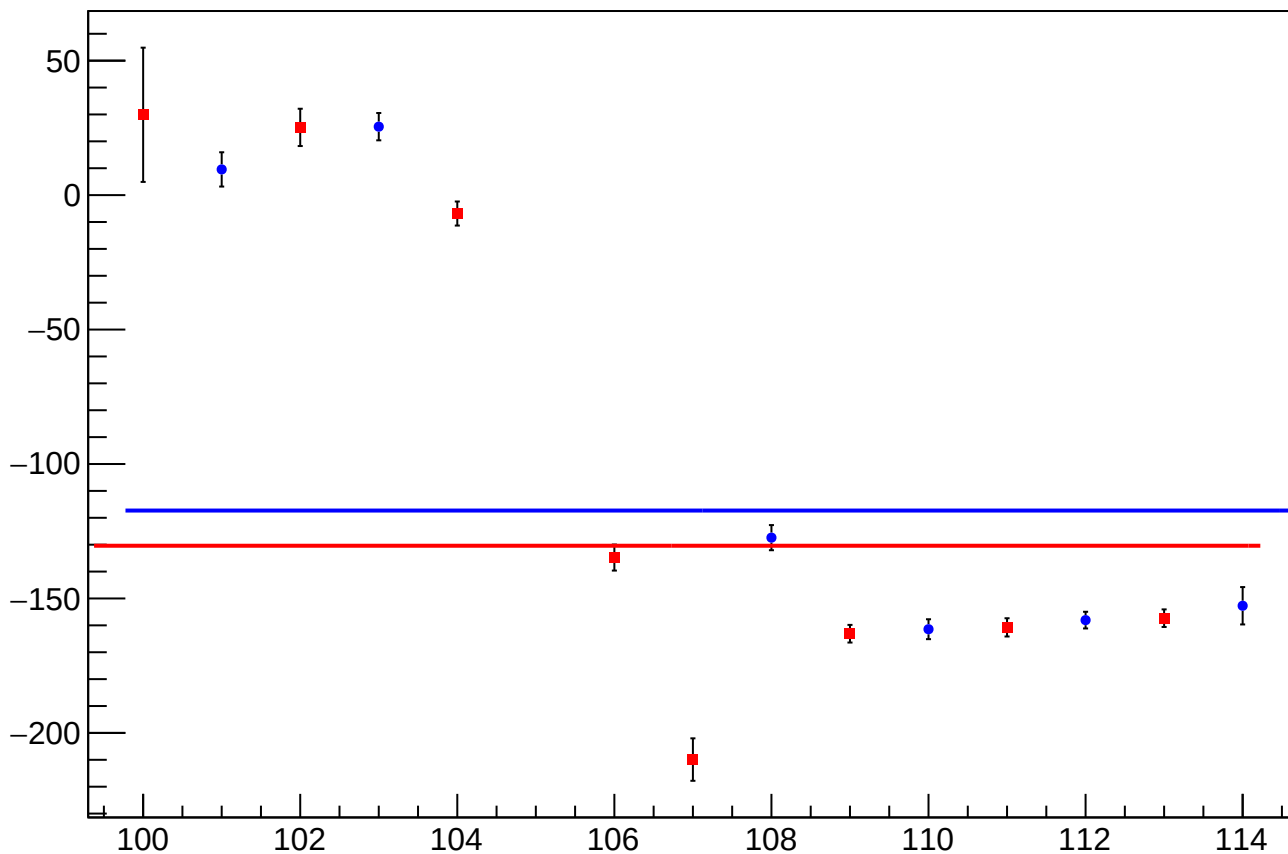
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.299+/-1.276 χ^2/NDF : 117.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -117.305+/-1.805 χ^2/NDF : 1531.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.393+/-1.572 χ^2/NDF : 1656.6/7

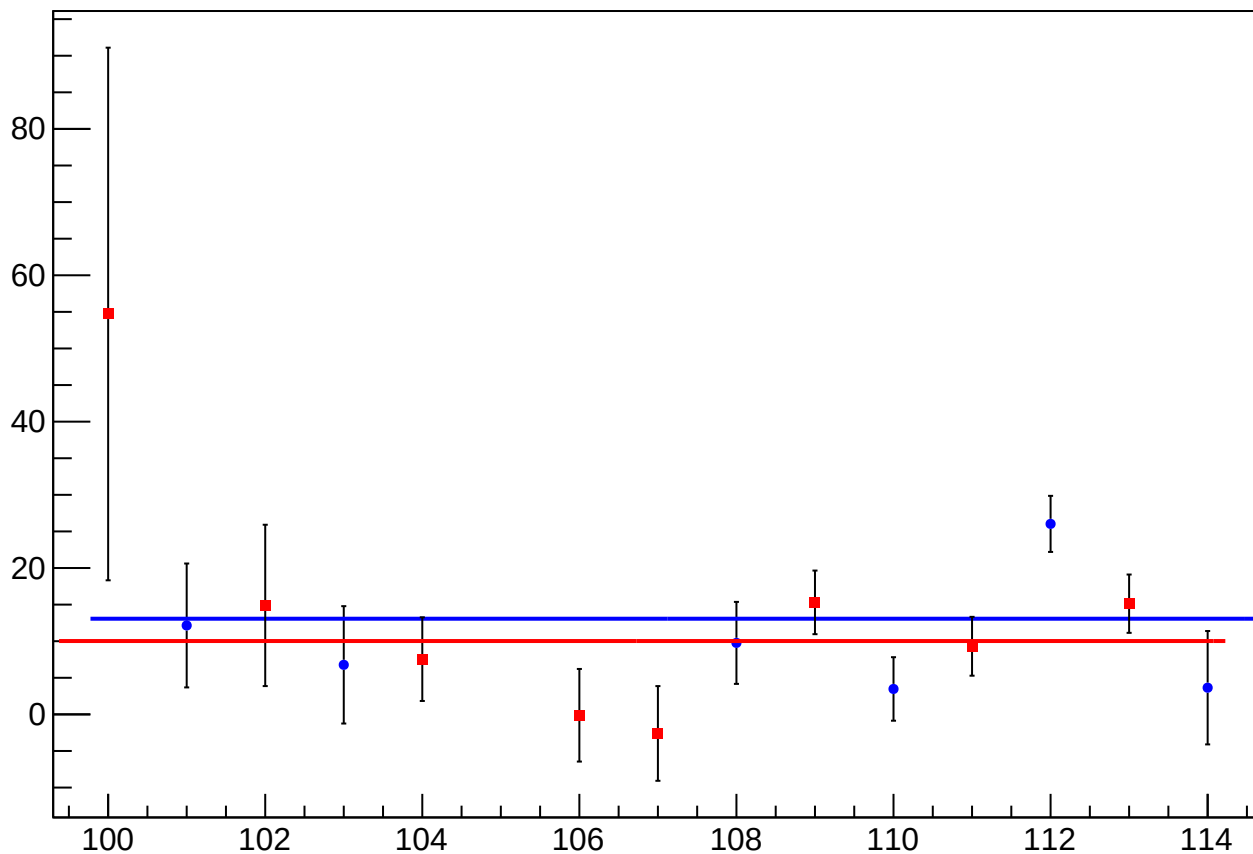
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.747+/-1.186 χ^2/NDF : 3217.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 13.072 $\pm$ 2.240 χ^2 /NDF: 18.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.023 $\pm$ 1.938 χ^2 /NDF: 11.4/7

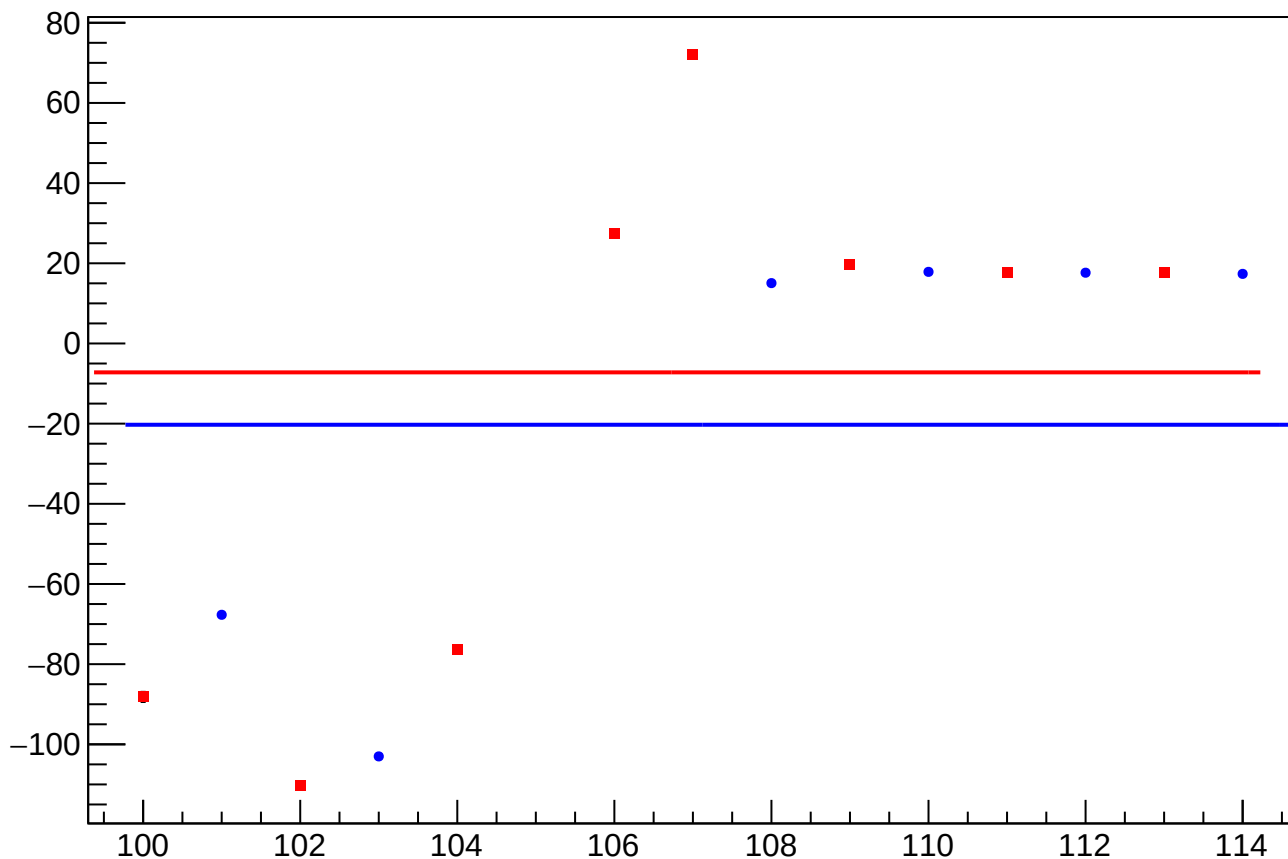
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.328 $\pm$ 1.466 χ^2 /NDF: 31.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -20.278 ± 0.107 χ^2/NDF : 245326.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.210 ± 0.095 χ^2/NDF : 338353.4/7

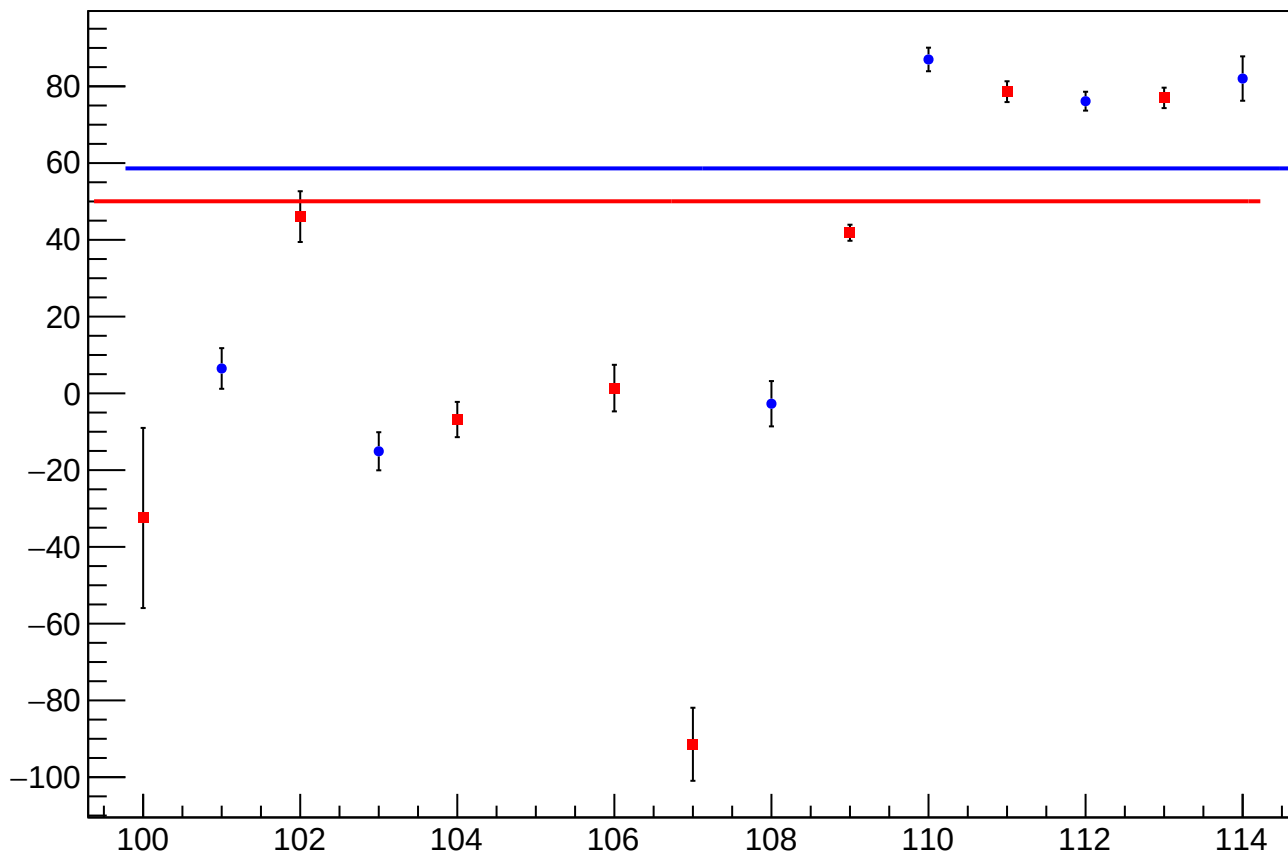
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.003 ± 0.071 χ^2/NDF : 592003.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 58.614+/-1.569 χ^2/NDF : 577.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.047+/-1.274 χ^2/NDF : 680.1/7

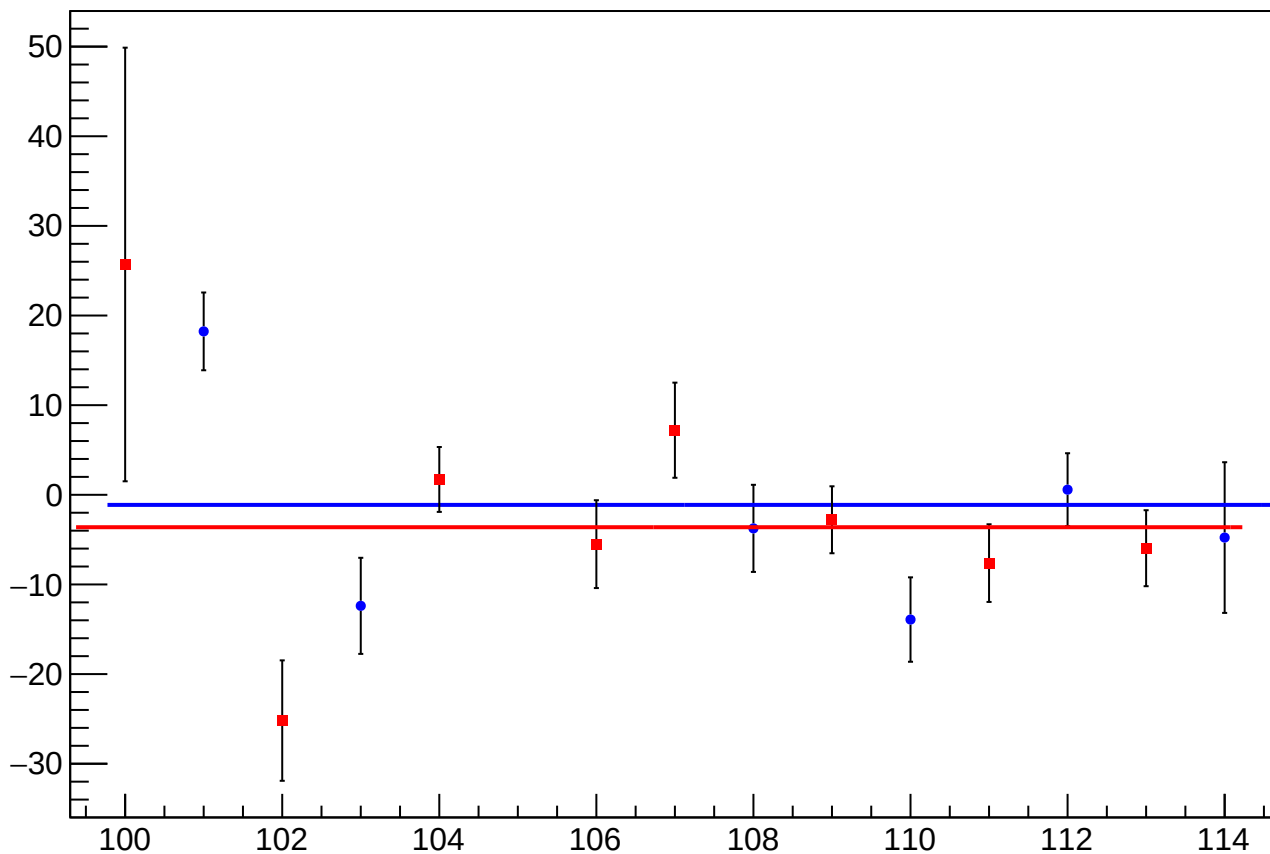
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.452+/-0.989 χ^2/NDF : 1275.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -1.125 $\pm$ 2.000 χ^2 /NDF: 32.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.615 $\pm$ 1.671 χ^2 /NDF: 19.5/7

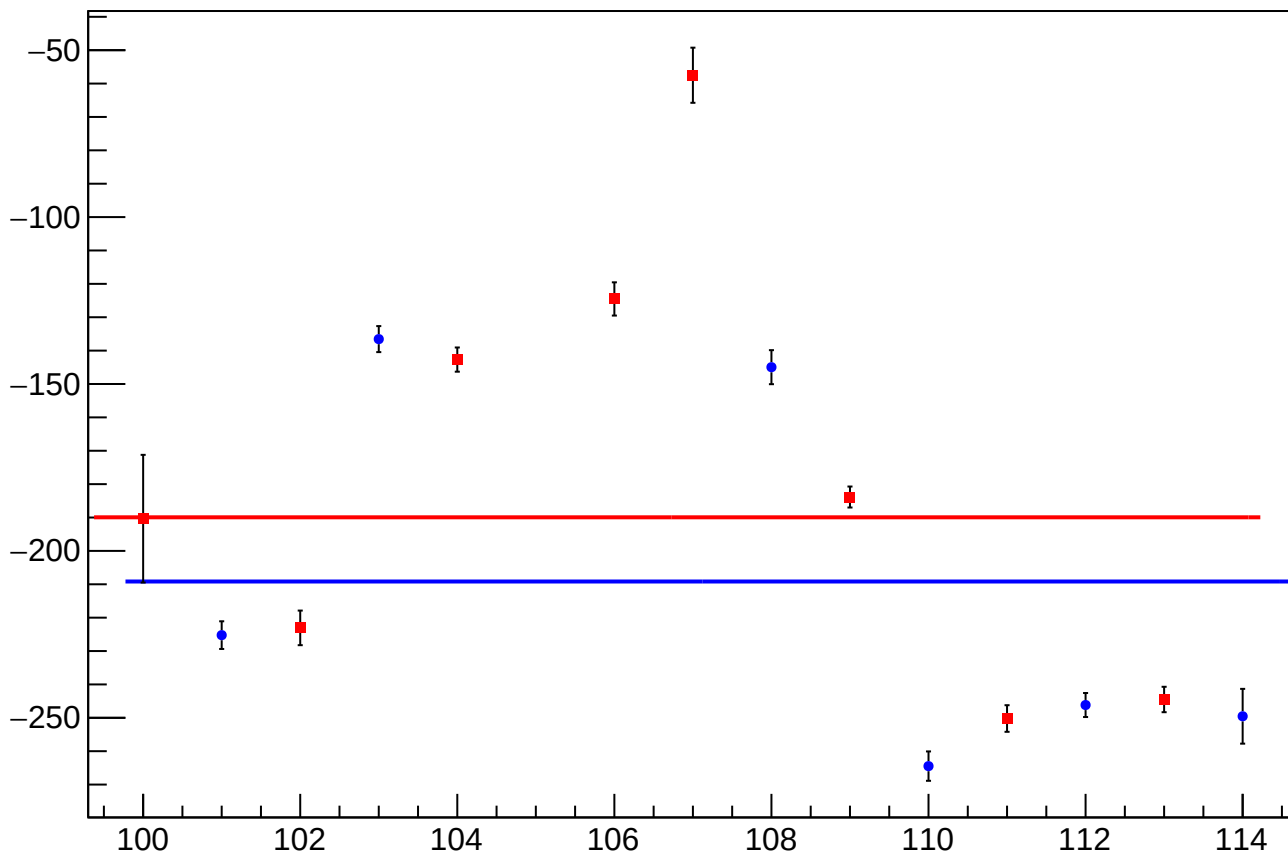
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.591 $\pm$ 1.282 χ^2 /NDF: 52.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -209.166+/-1.807 χ^2/NDF : 808.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -189.937+/-1.573 χ^2/NDF : 1078.5/7

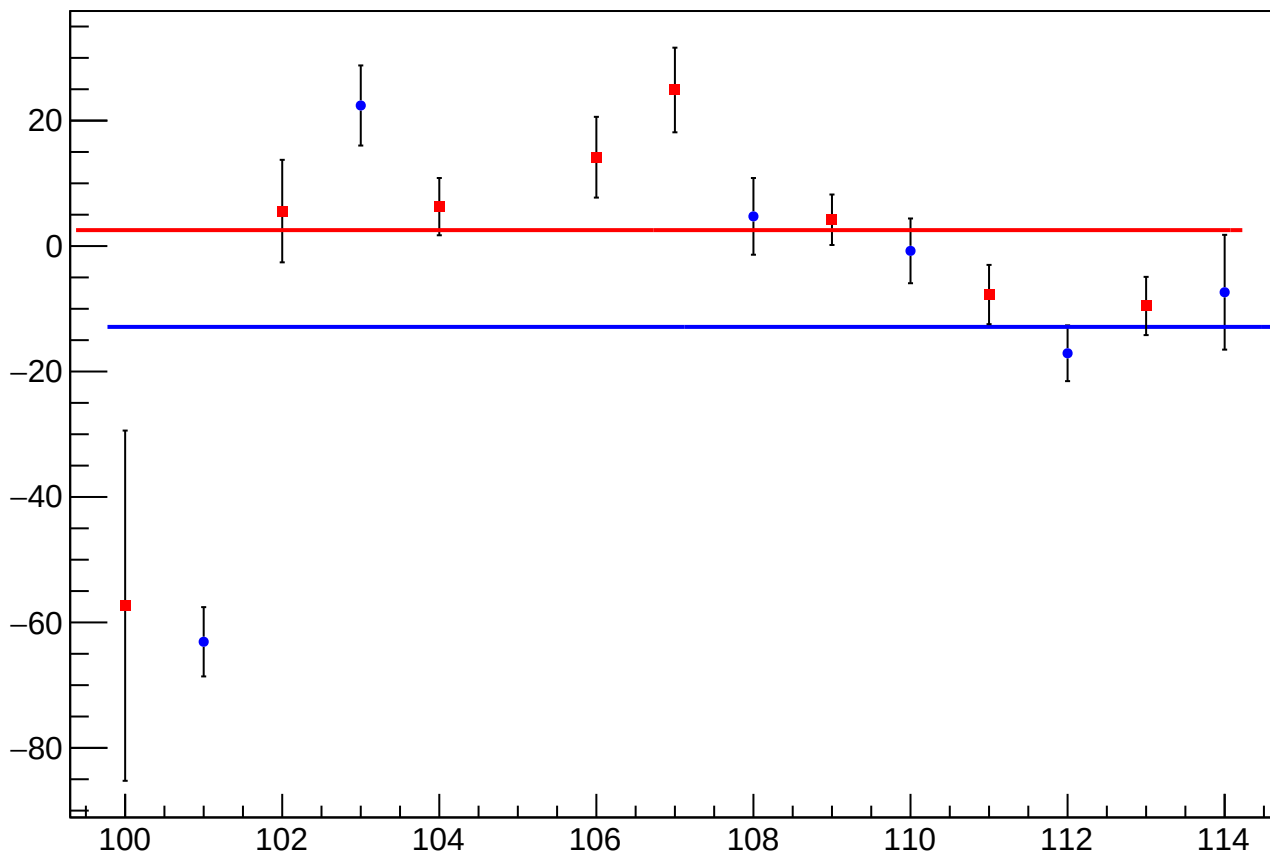
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.226+/-1.186 χ^2/NDF : 1951.7/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -12.886 $\pm$ 2.330 χ^2 /NDF: 128.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.541 $\pm$ 1.949 χ^2 /NDF: 31.3/7

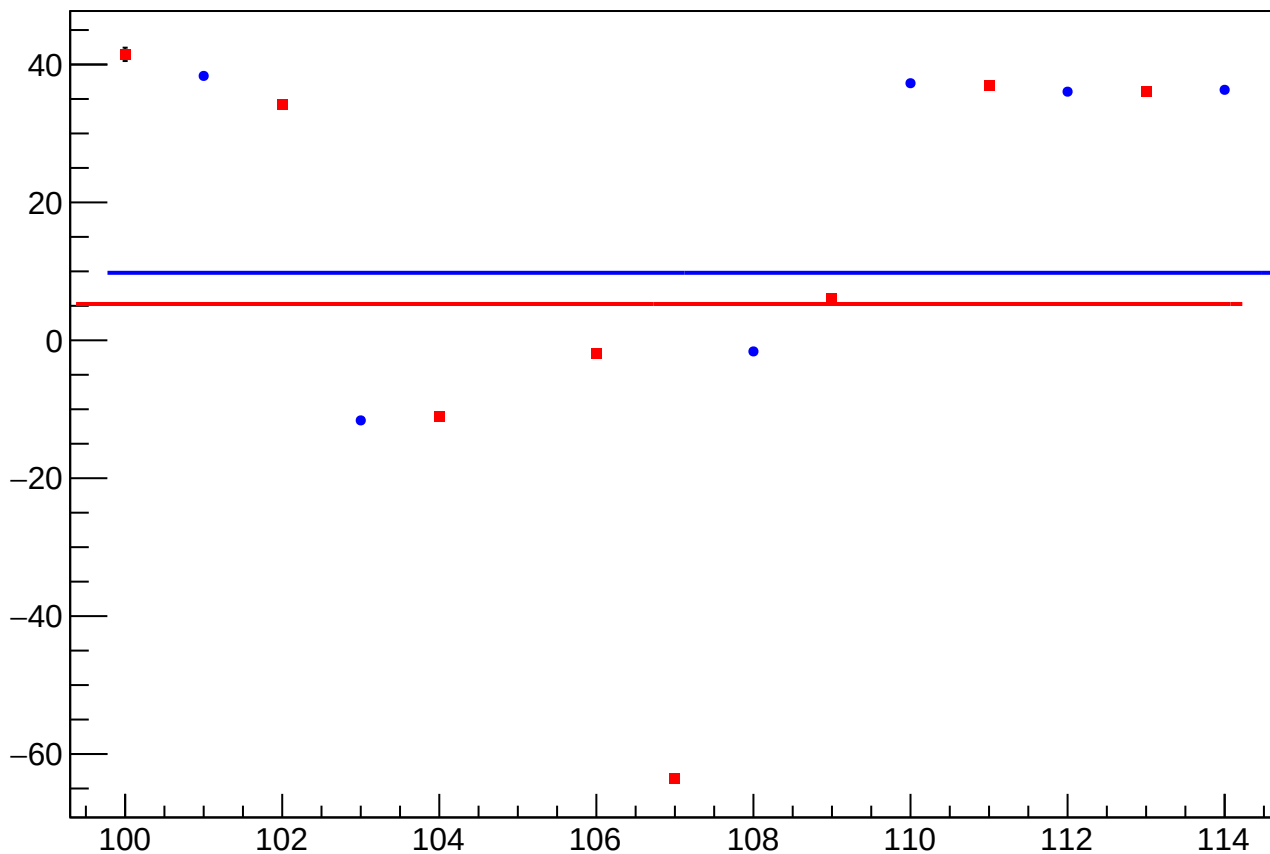
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.808 $\pm$ 1.495 χ^2 /NDF: 185.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 9.791+/-0.100 χ^2/NDF : 49772.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.268+/-0.089 χ^2/NDF : 91175.4/7

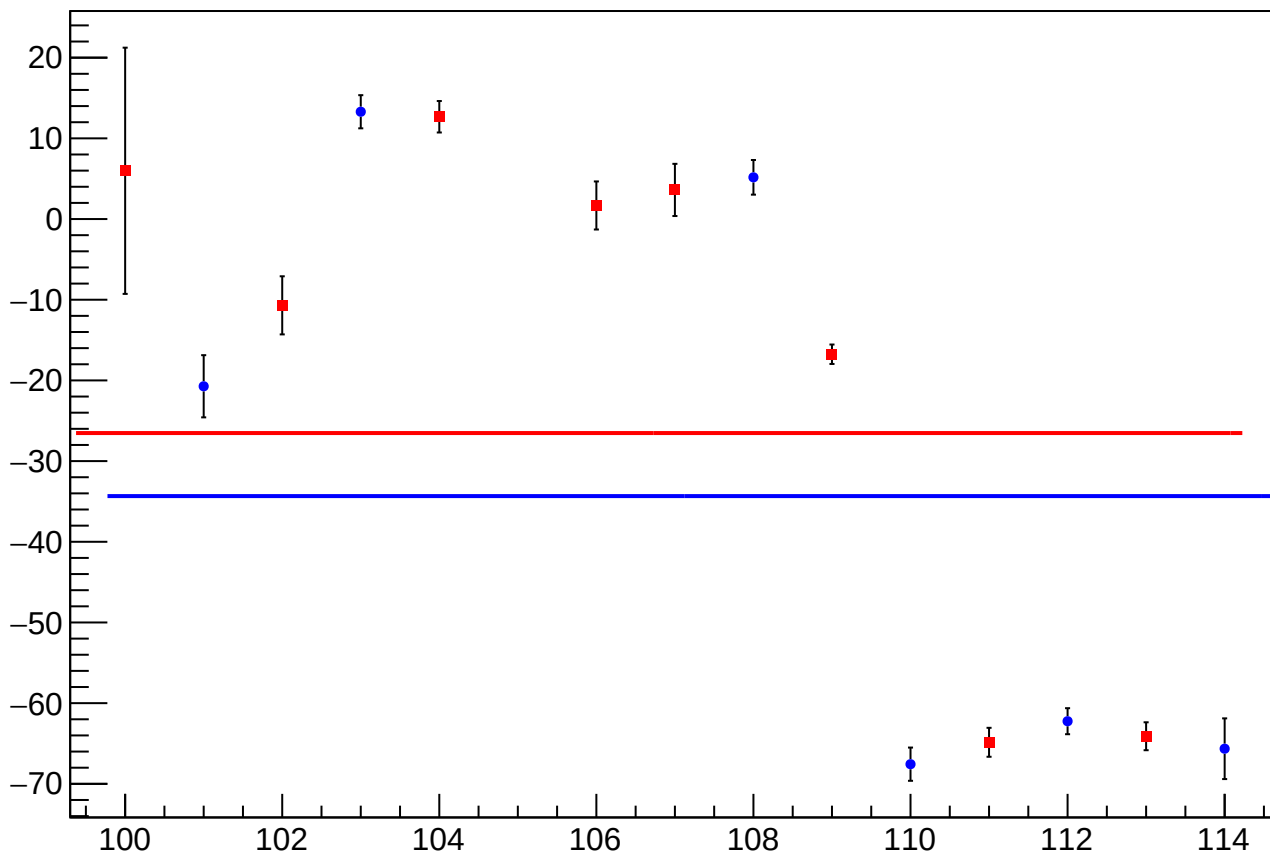
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.273+/-0.067 χ^2/NDF : 142083.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -34.337 $\pm$ 0.908 χ^2 /NDF: 1517.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.524 $\pm$ 0.728 χ^2 /NDF: 1598.2/7

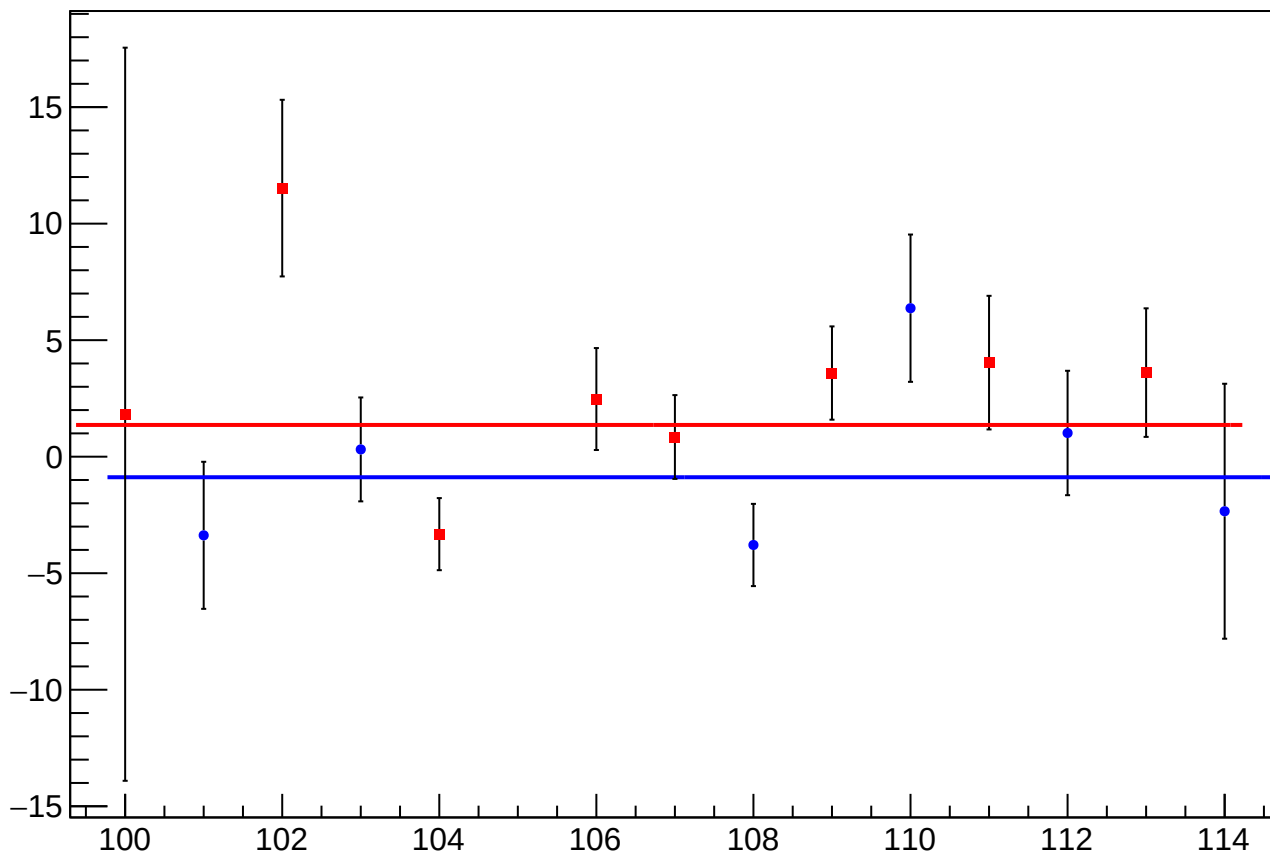
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.579 $\pm$ 0.568 χ^2 /NDF: 3160.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -0.882 ± 1.056 χ^2/NDF : 9.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.362 ± 0.813 χ^2/NDF : 19.5/7

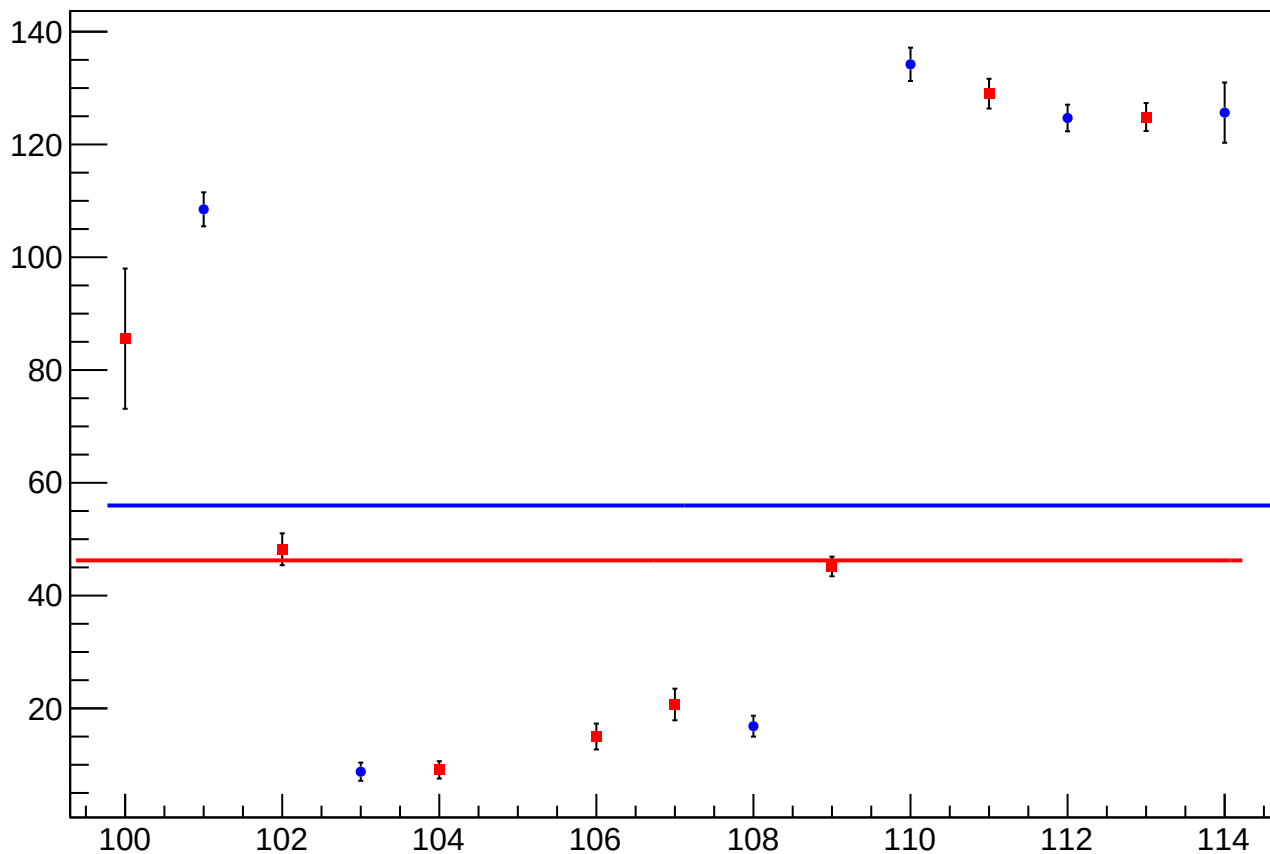
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.527 ± 0.644 χ^2/NDF : 31.8/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 55.979+/-0.947 χ^2/NDF : 3323.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.243+/-0.814 χ^2/NDF : 2853.7/7

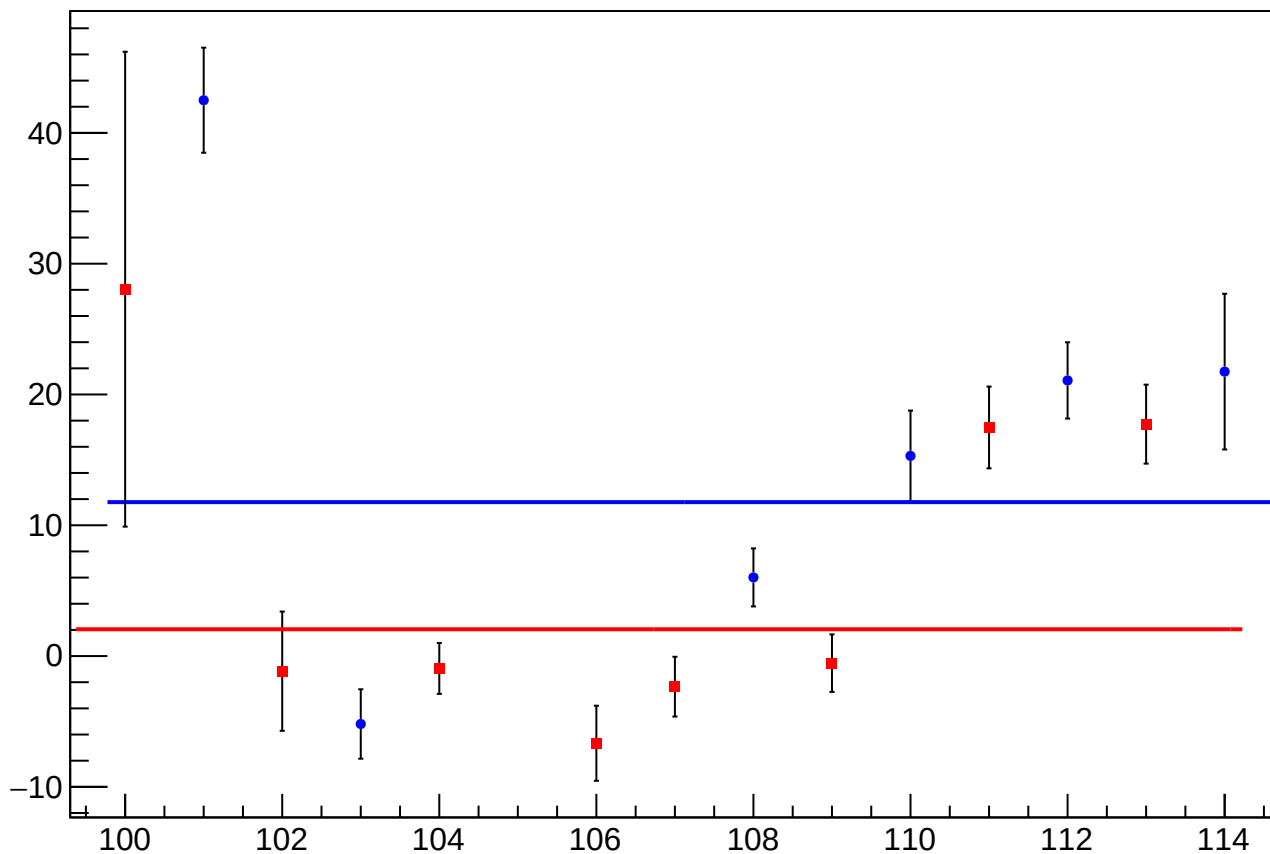
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.379+/-0.618 χ^2/NDF : 6238.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.769 $\pm$ 1.254 χ^2 /NDF: 120.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.050 $\pm$ 0.978 χ^2 /NDF: 70.6/7

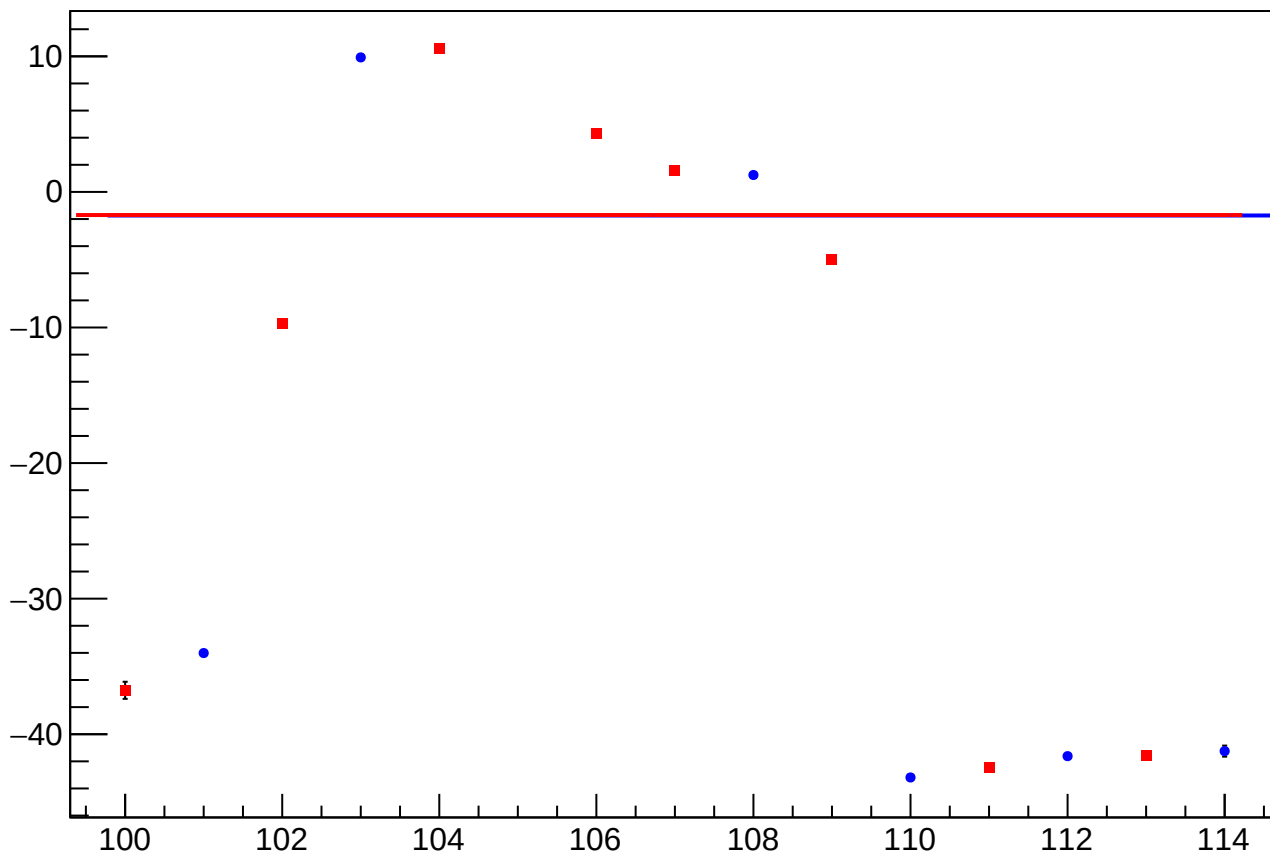
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.724 $\pm$ 0.771 χ^2 /NDF: 228.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -1.738 $\pm$ 0.046 χ^2 /NDF: 148343.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.705 $\pm$ 0.043 χ^2 /NDF: 123050.7/7

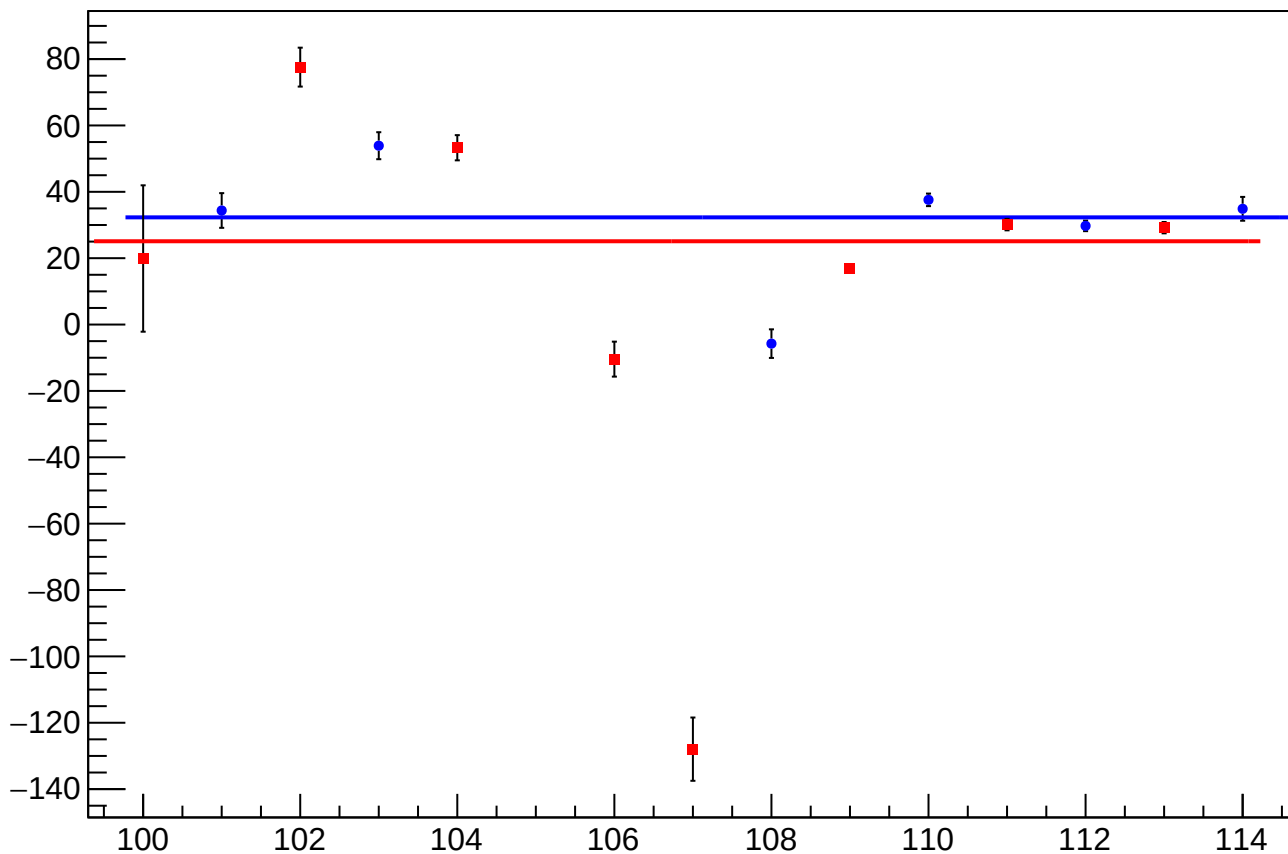
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.721 $\pm$ 0.031 χ^2 /NDF: 271394.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 32.303 $\pm$ 1.053 χ^2 /NDF: 117.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.101 $\pm$ 0.887 χ^2 /NDF: 481.7/7

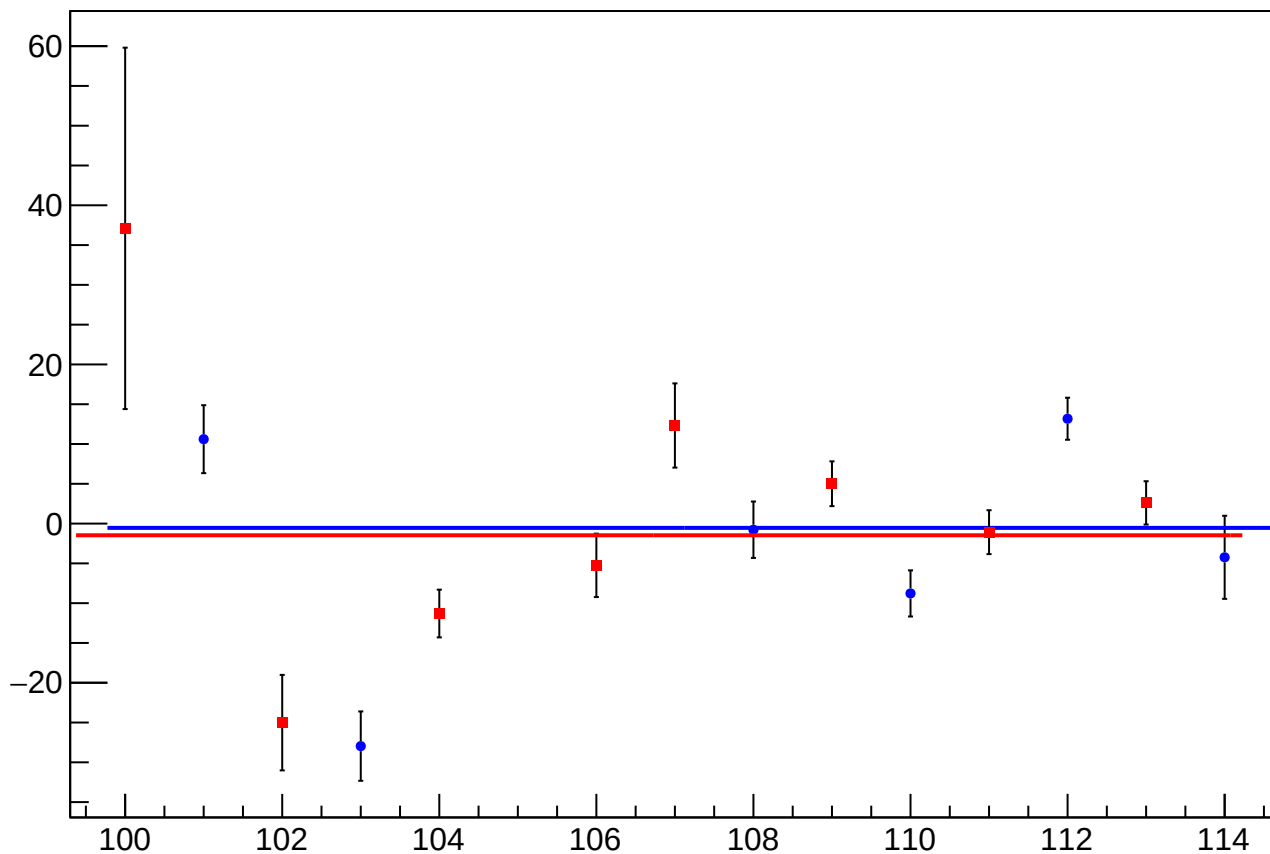
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.090 $\pm$ 0.679 χ^2 /NDF: 626.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -0.538+/-1.434 χ^2/NDF : 82.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.468+/-1.257 χ^2/NDF : 44.3/7

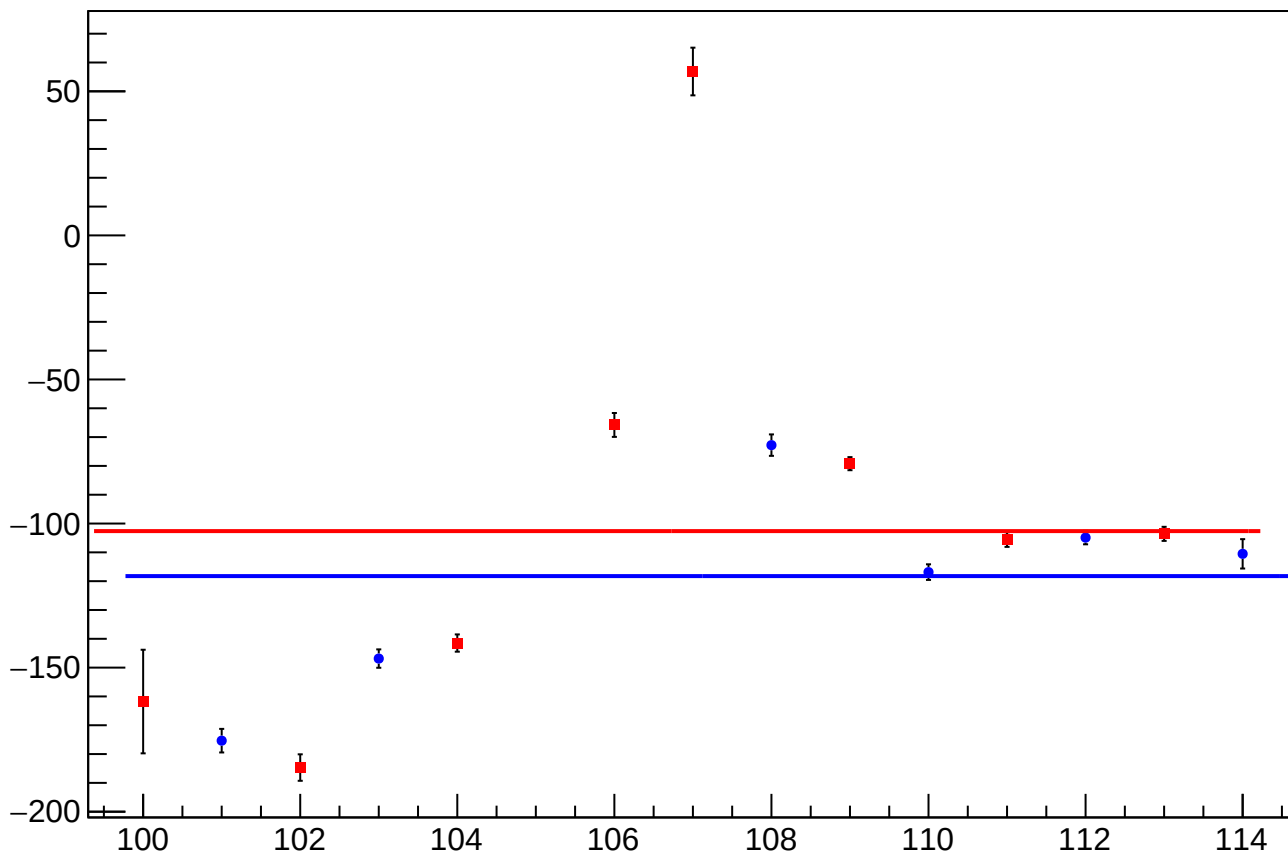
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.064+/-0.945 χ^2/NDF : 126.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -118.239+/-1.304 χ^2/NDF : 459.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.624+/-1.153 χ^2/NDF : 1056.2/7

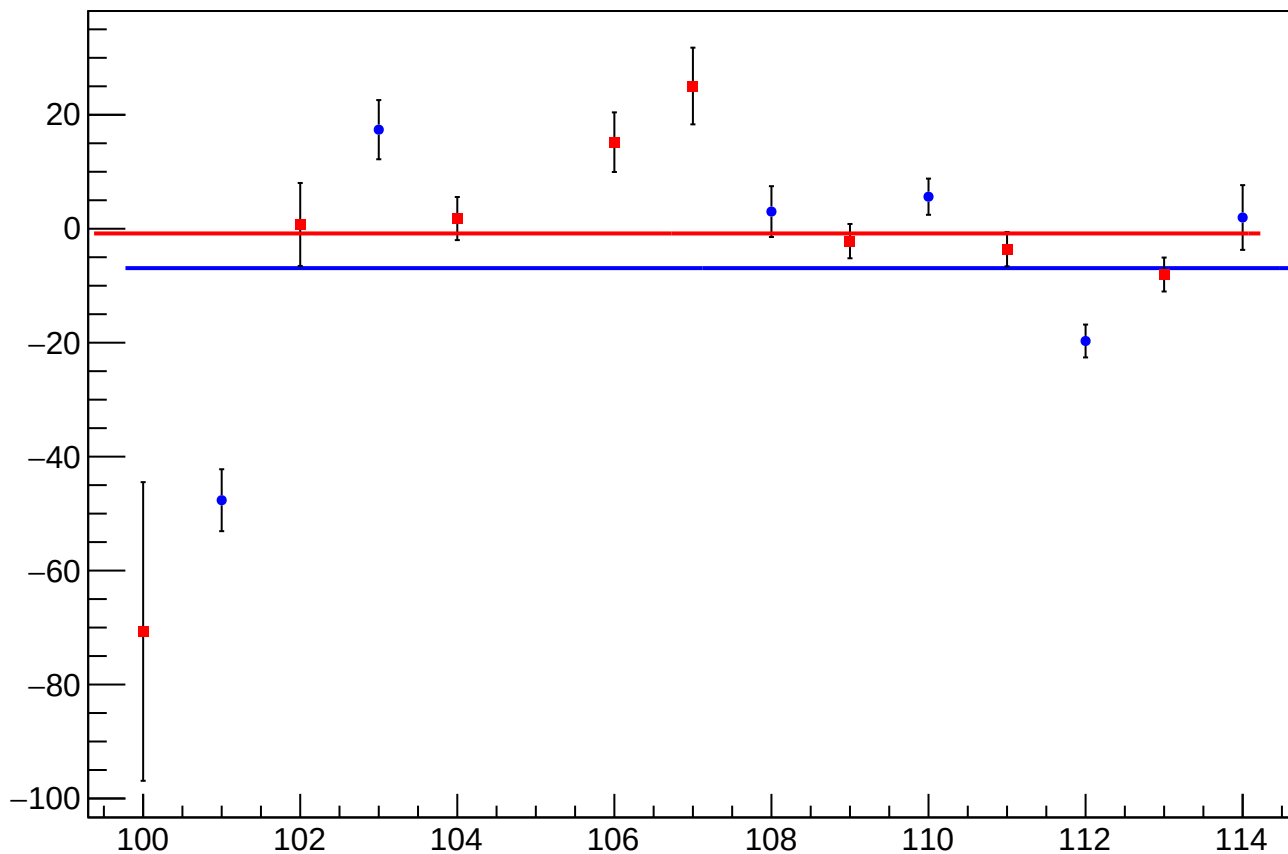
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.479+/-0.864 χ^2/NDF : 1596.4/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -6.912 $\pm$ 1.641 χ^2/NDF : 120.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.826 $\pm$ 1.439 χ^2/NDF : 38.7/7

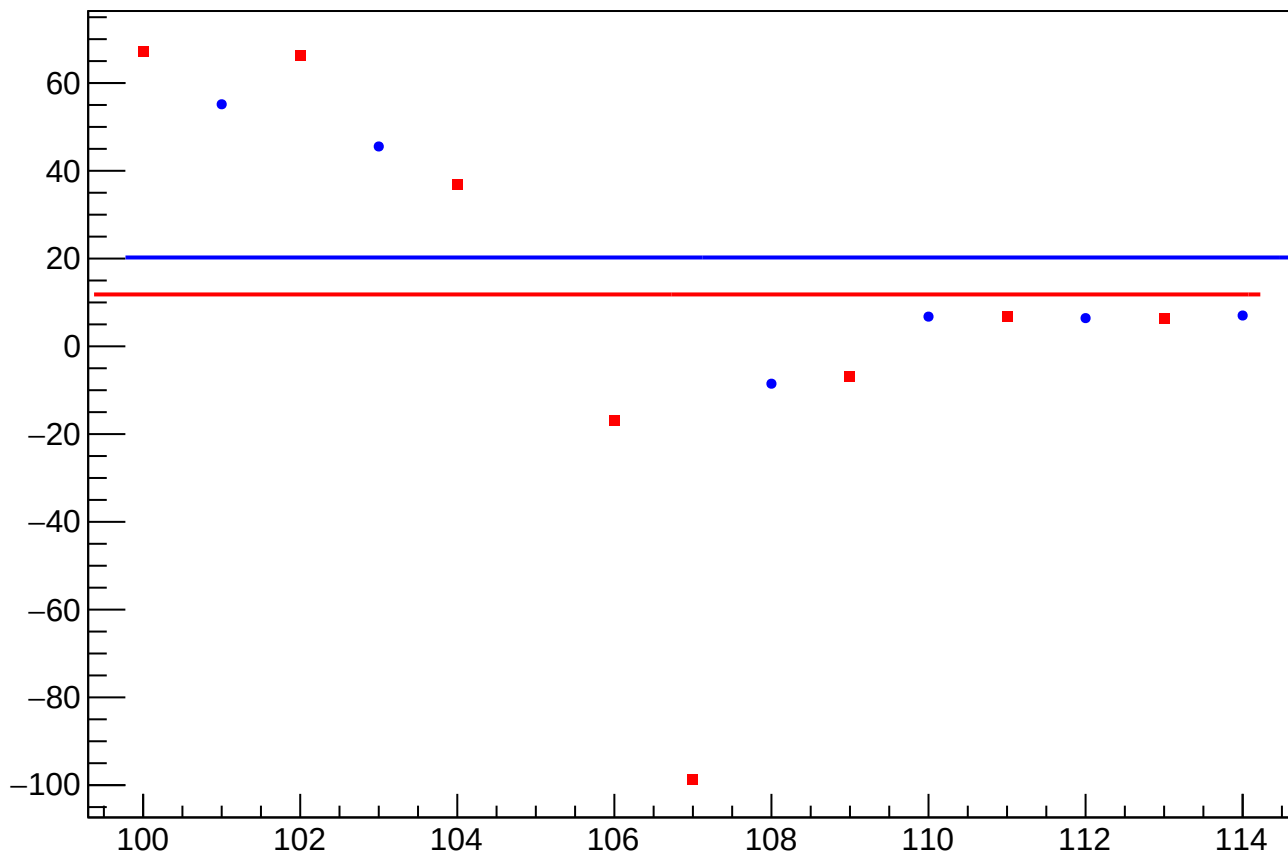
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -3.473 $\pm$ 1.082 χ^2/NDF : 167.2/13

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 20.246 $\pm$ 0.076 χ^2 /NDF: 102937.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.823 $\pm$ 0.071 χ^2 /NDF: 250610.9/7

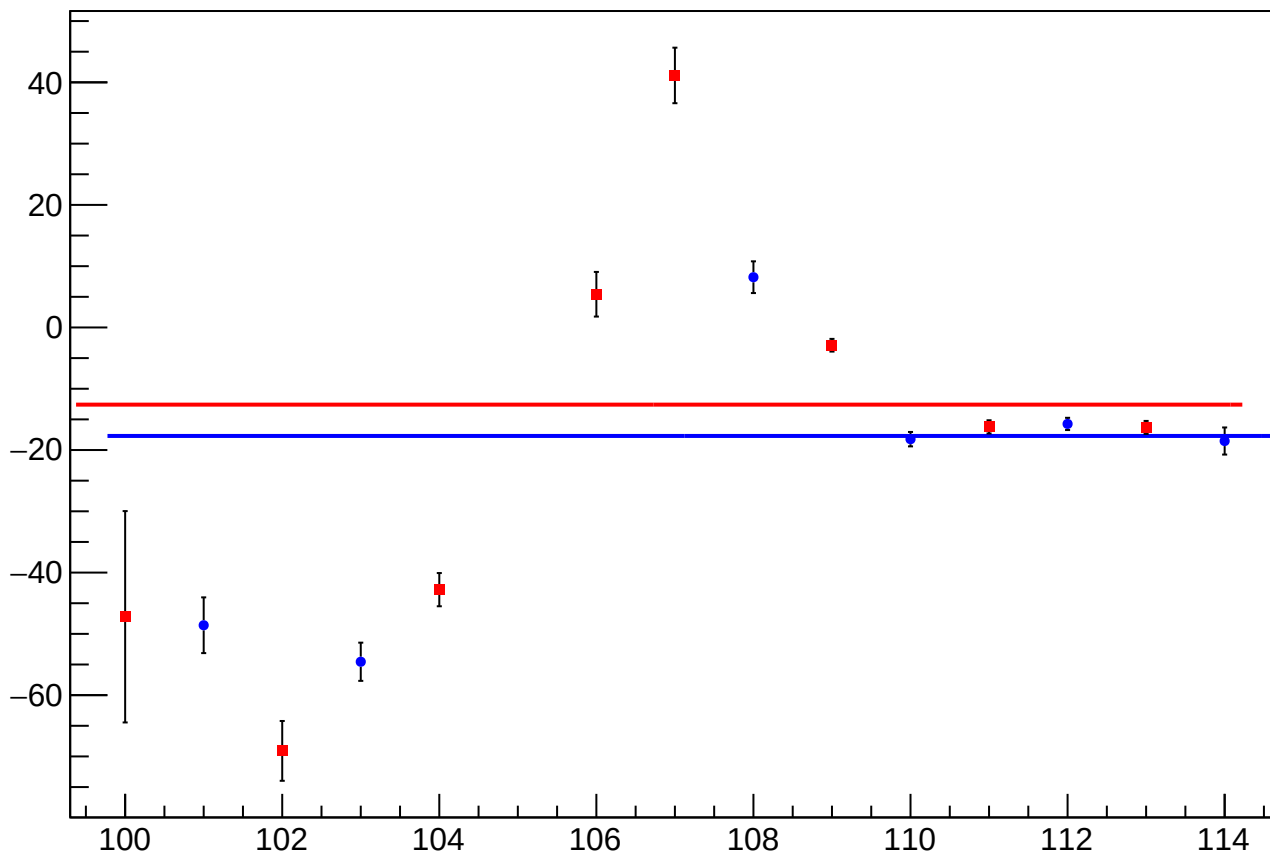
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.747 $\pm$ 0.052 χ^2 /NDF: 360096.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -17.702 ± 0.669 $\chi^2/\text{NDF}: 290.2/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.593 ± 0.578 $\chi^2/\text{NDF}: 538.5/7$

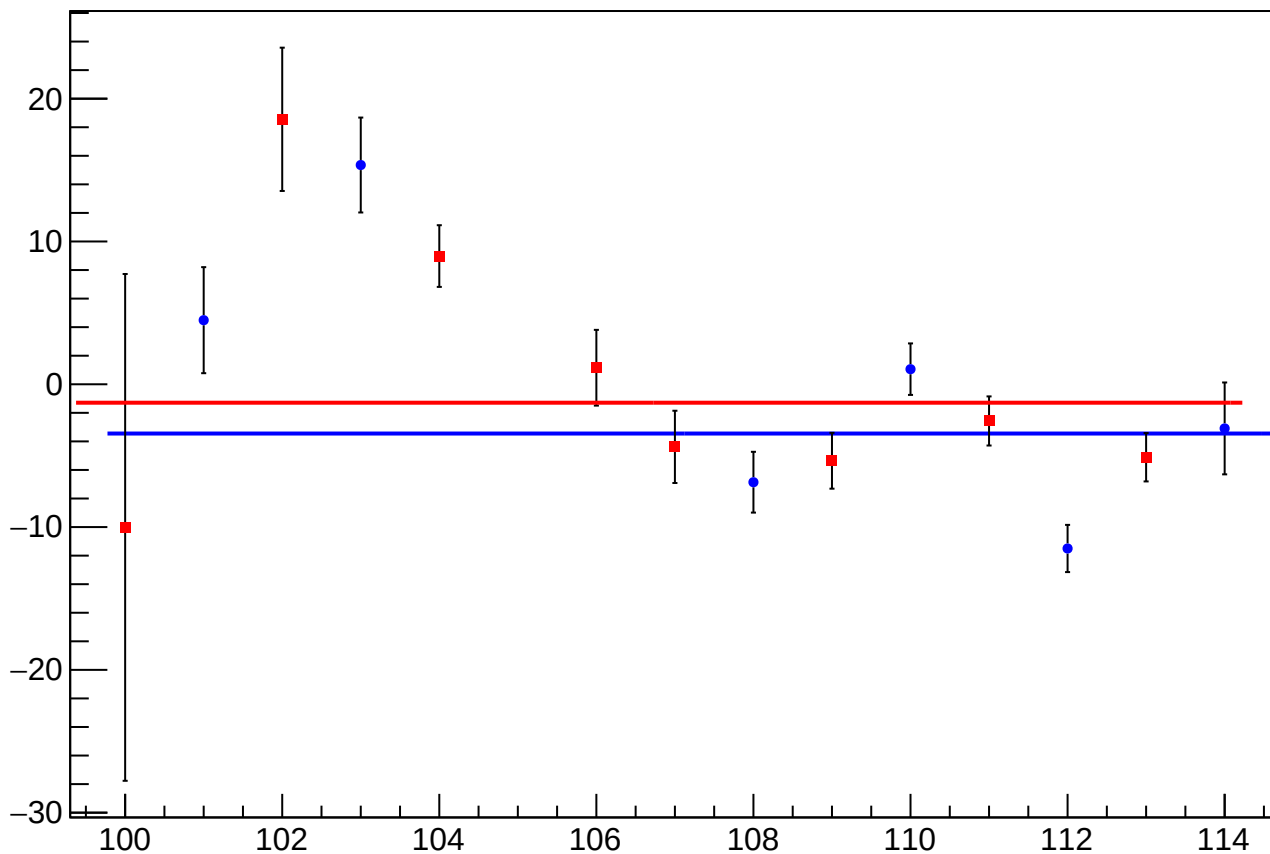
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.777 ± 0.438 $\chi^2/\text{NDF}: 862.0/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -3.449+/-0.931 χ^2/NDF : 69.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.291+/-0.815 χ^2/NDF : 50.8/7

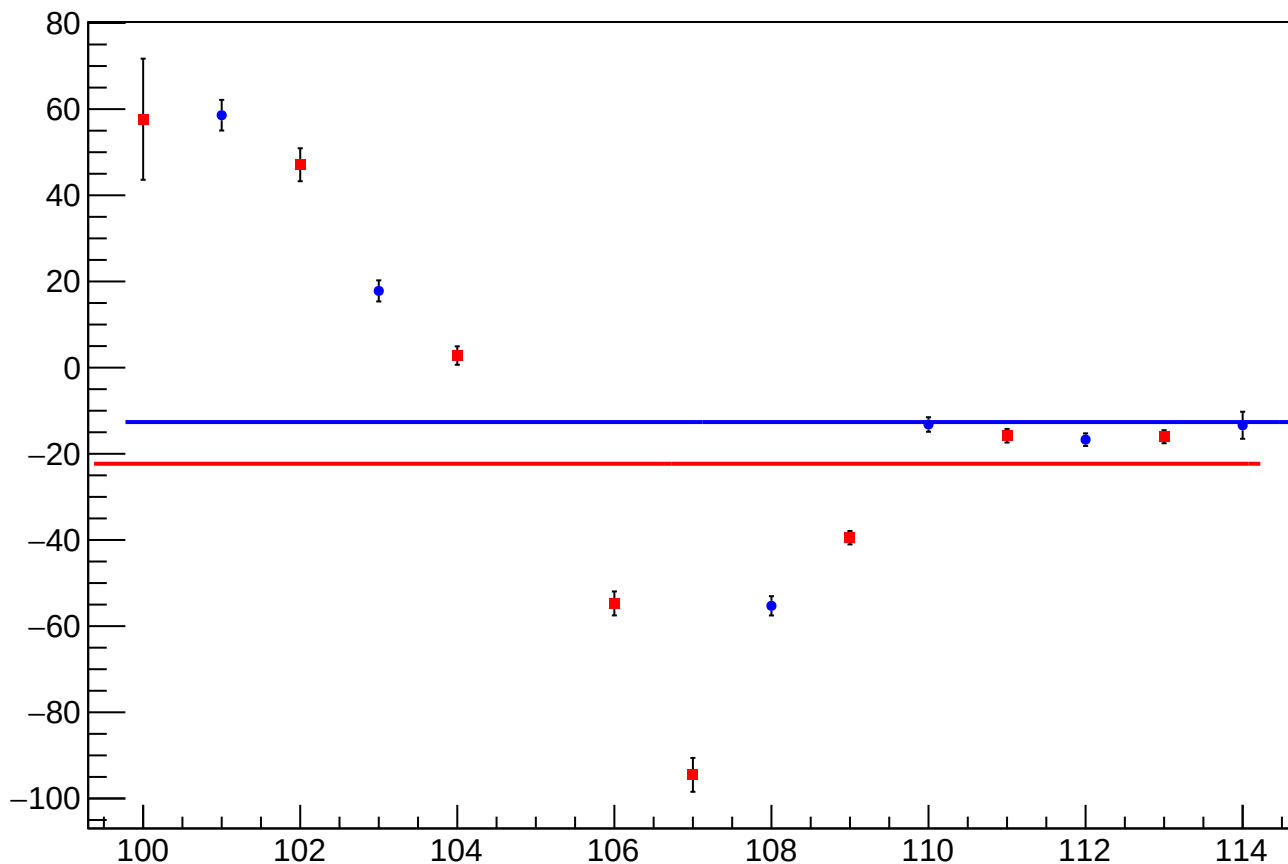
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.228+/-0.613 χ^2/NDF : 123.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -12.635 $\pm$ 0.855 χ^2 /NDF: 927.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.307 $\pm$ 0.760 χ^2 /NDF: 1127.9/7

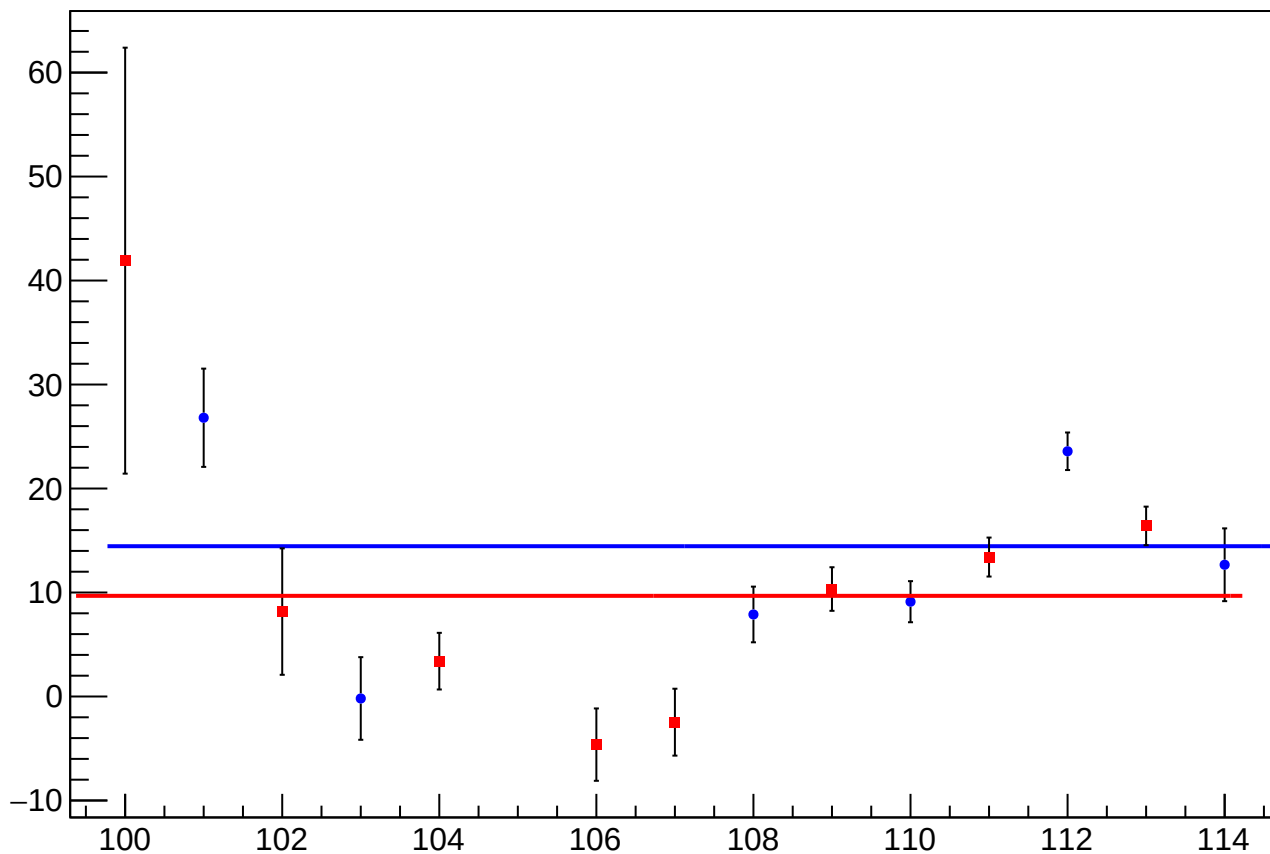
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.038 $\pm$ 0.568 χ^2 /NDF: 2127.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 14.452 $\pm$ 1.059 χ^2 /NDF: 59.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.680 $\pm$ 0.934 χ^2 /NDF: 56.2/7

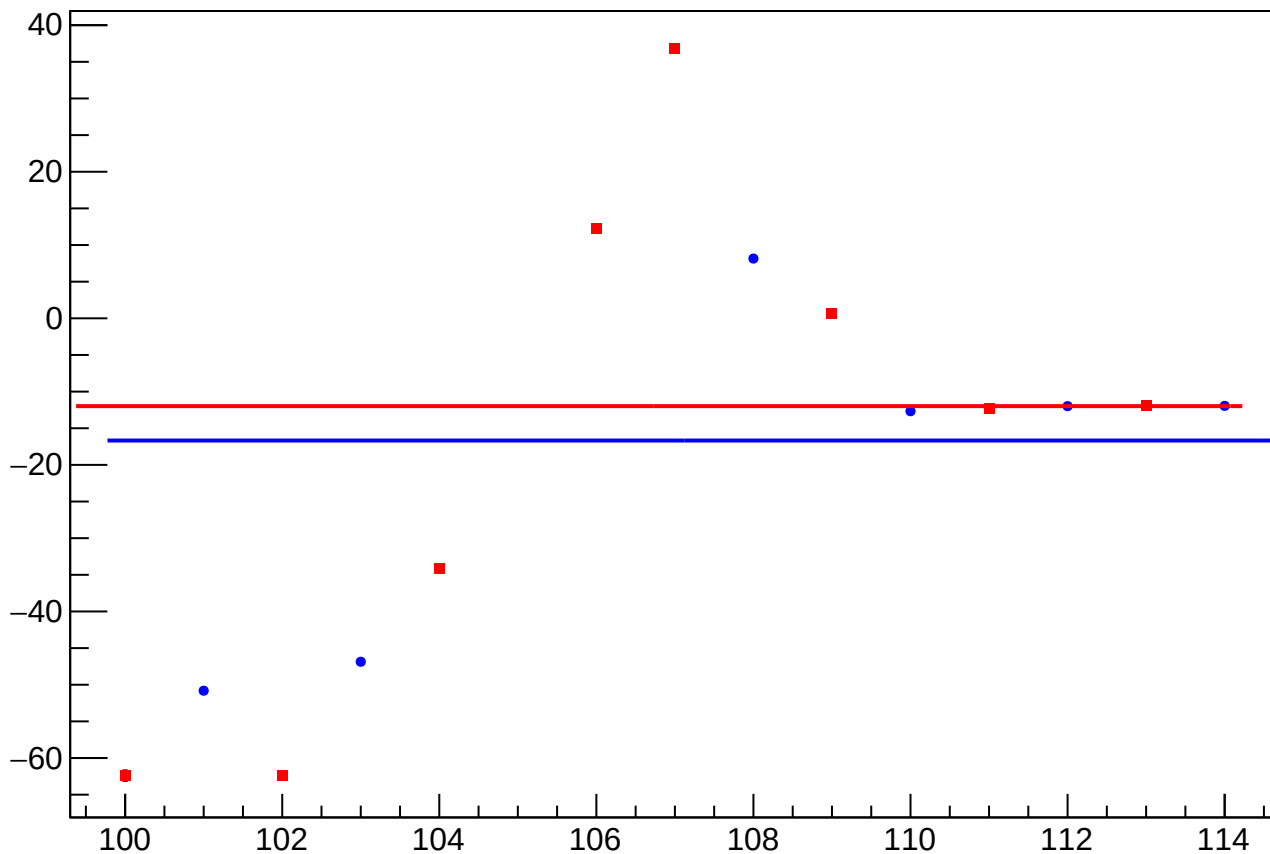
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.768 $\pm$ 0.700 χ^2 /NDF: 127.2/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -16.676 ± 0.051 χ^2/NDF : 189810.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.982 ± 0.048 χ^2/NDF : 276452.4/7

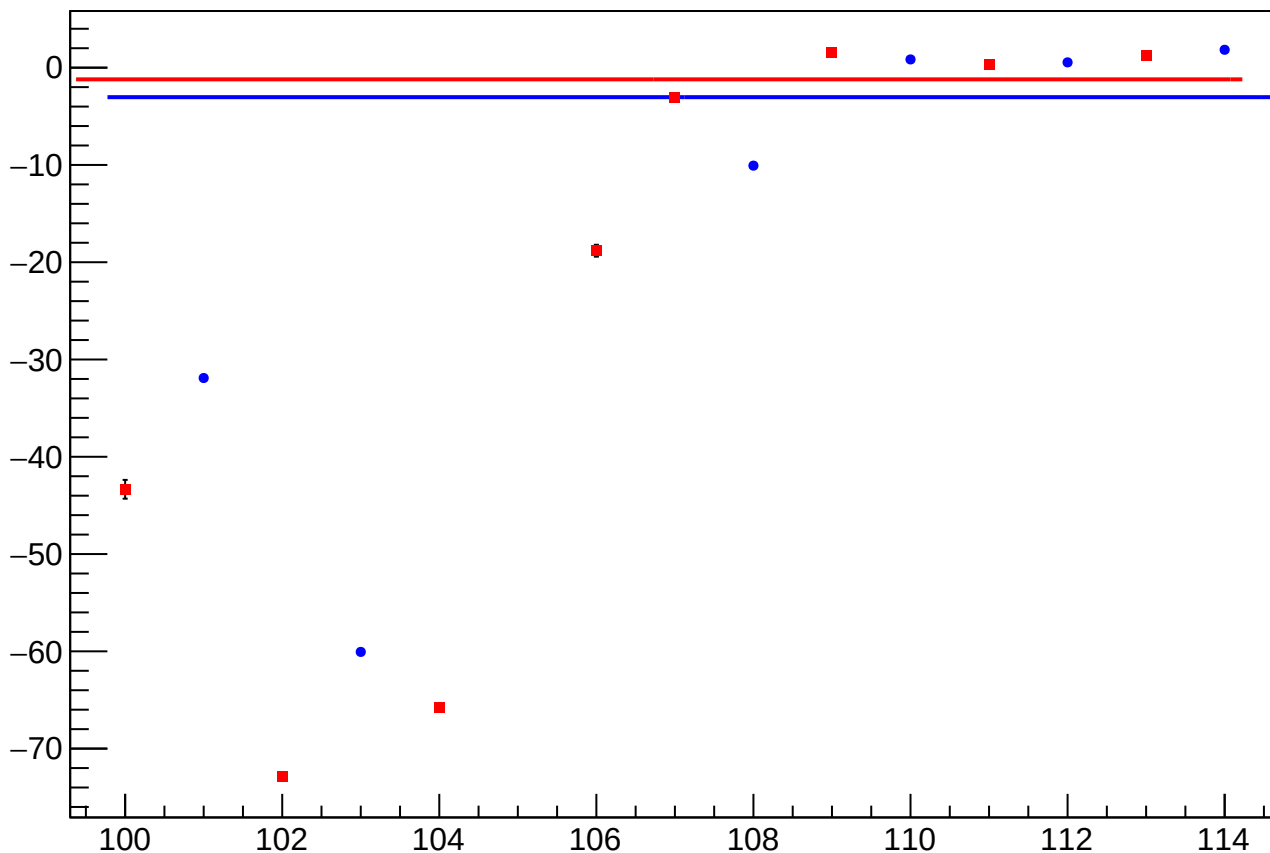
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.174 ± 0.035 χ^2/NDF : 470759.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -3.032 ± 0.072 χ^2/NDF : 29805.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.201 ± 0.056 χ^2/NDF : 47466.5/7

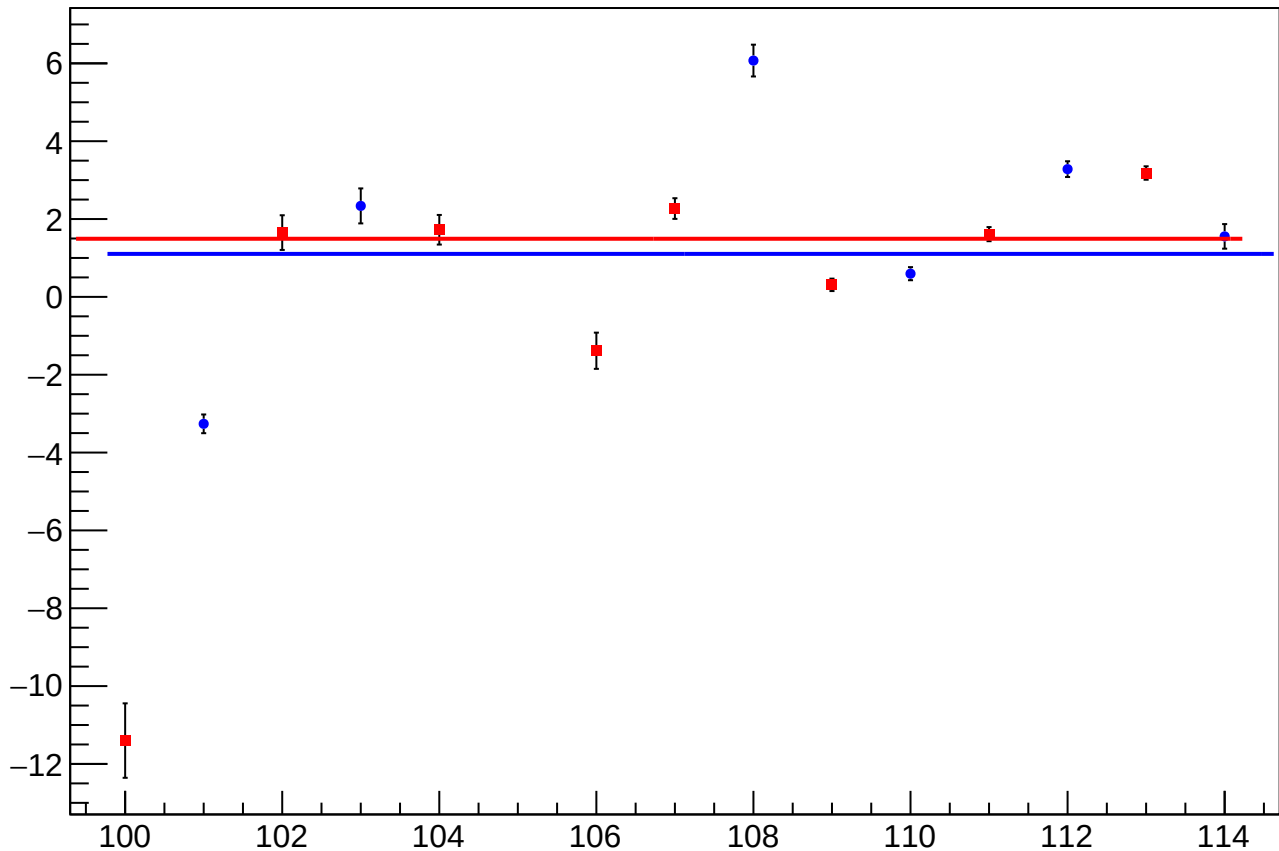
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.885 ± 0.044 χ^2/NDF : 77676.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.104 $\pm$ 0.101 χ^2 /NDF: 611.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.493 $\pm$ 0.086 χ^2 /NDF: 380.2/7

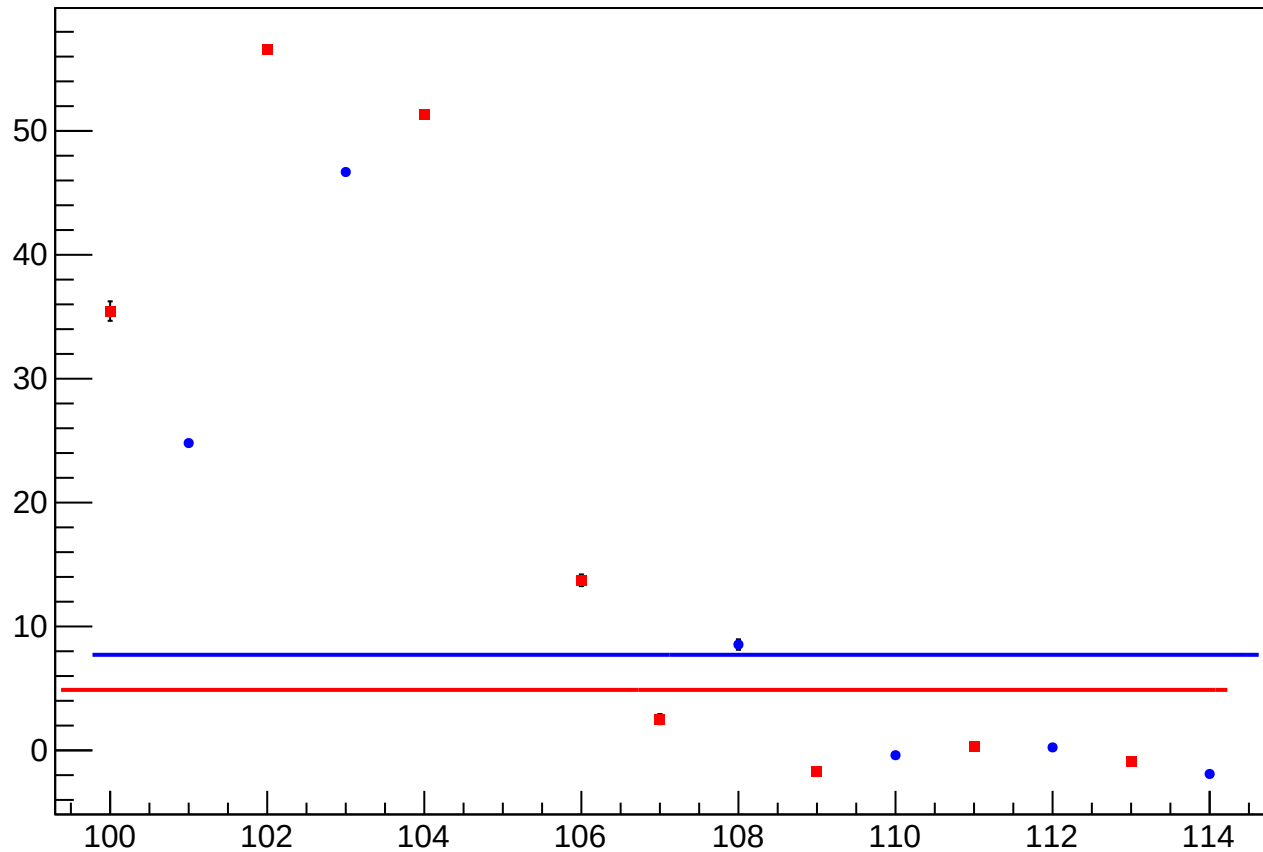
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.330 $\pm$ 0.066 χ^2 /NDF: 1000.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 7.714 $\pm$ 0.093 χ^2 /NDF: 24079.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.882 $\pm$ 0.078 χ^2 /NDF: 42788.2/7

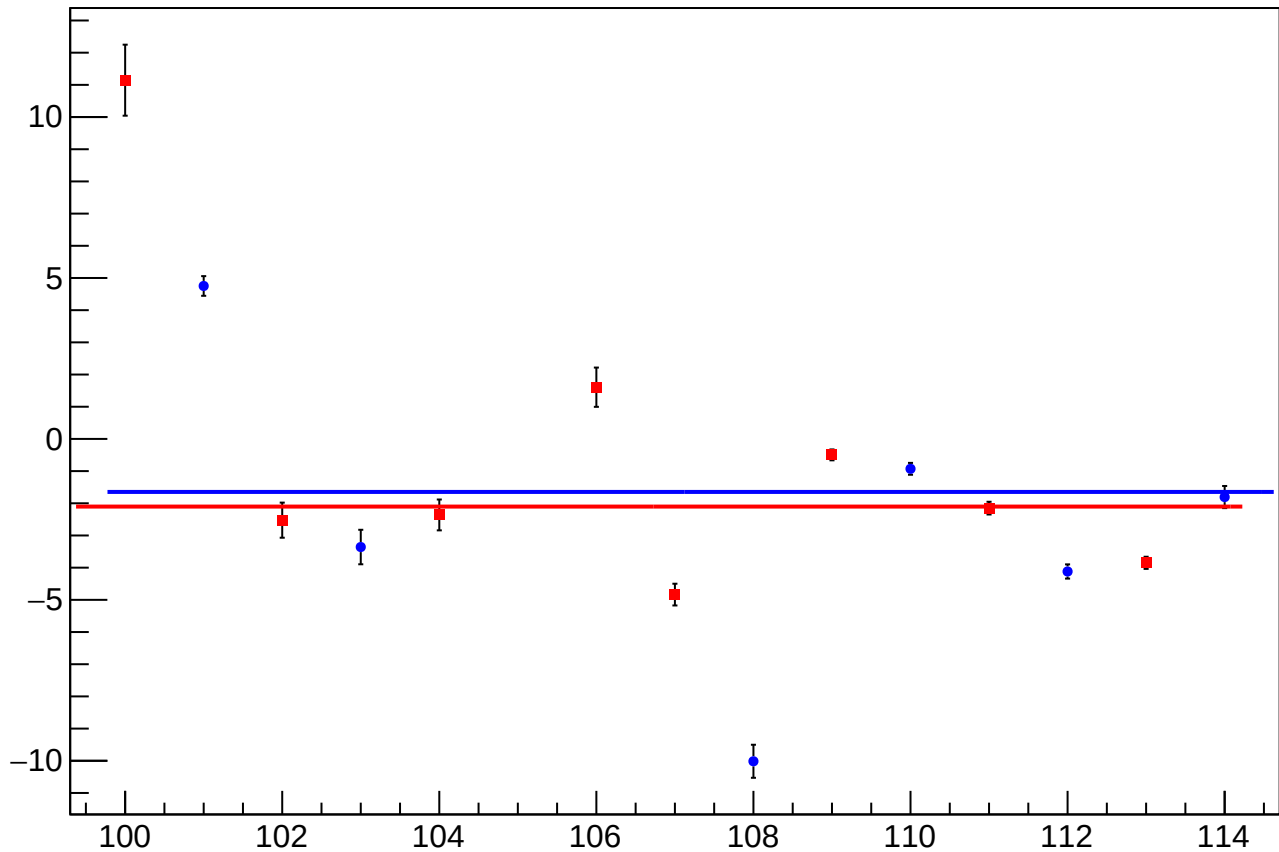
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.047 $\pm$ 0.060 χ^2 /NDF: 67412.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.647 ± 0.114 χ^2/NDF : 854.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.102 ± 0.096 χ^2/NDF : 423.2/7

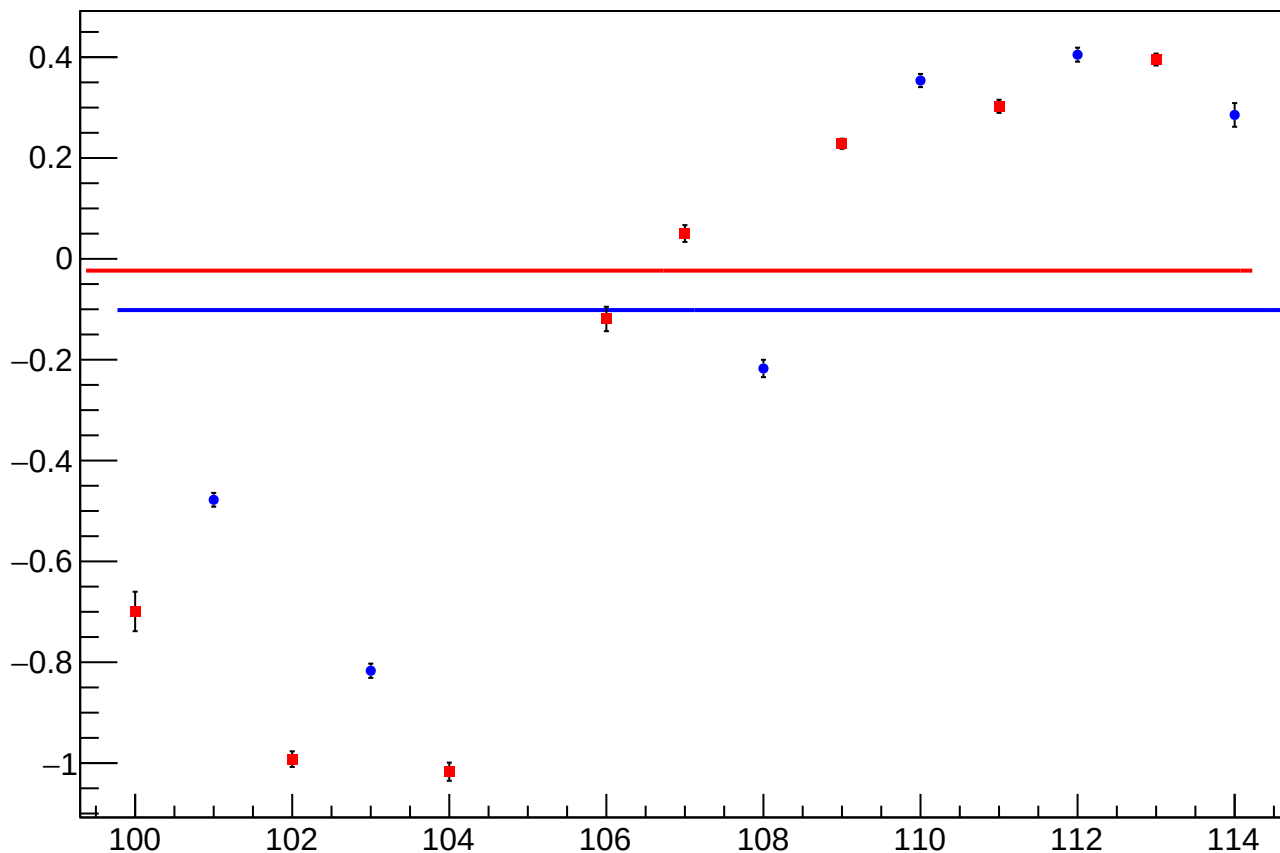
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.914 ± 0.074 χ^2/NDF : 1287.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: -0.102 ± 0.006 χ^2/NDF : 6167.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.005 χ^2/NDF : 9764.0/7

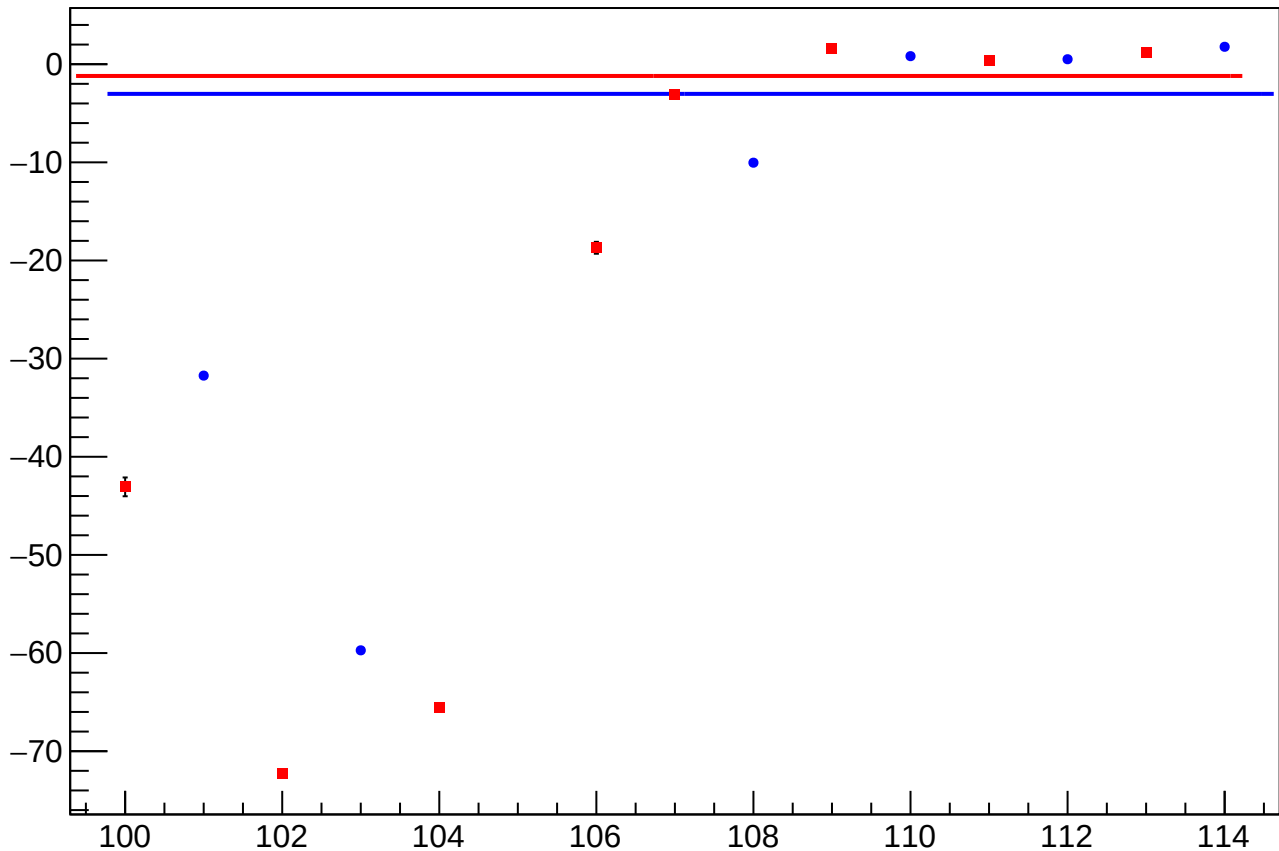
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.004 χ^2/NDF : 16025.3/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -3.024+/-0.072 χ^2/NDF : 29757.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.199+/-0.055 χ^2/NDF : 47428.0/7

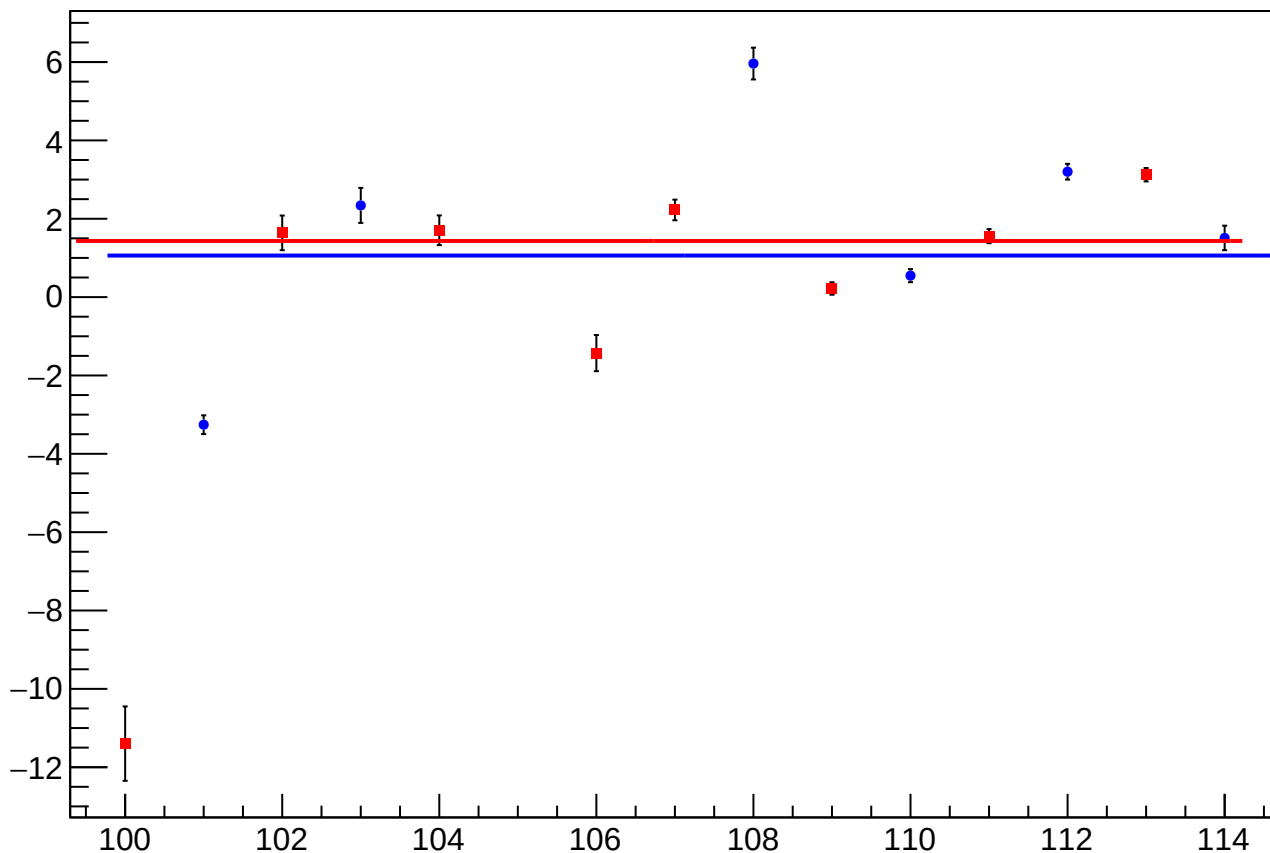
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.880+/-0.044 χ^2/NDF : 77593.2/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.061 $\pm$ 0.100 χ^2 /NDF: 605.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.433 $\pm$ 0.085 χ^2 /NDF: 387.7/7

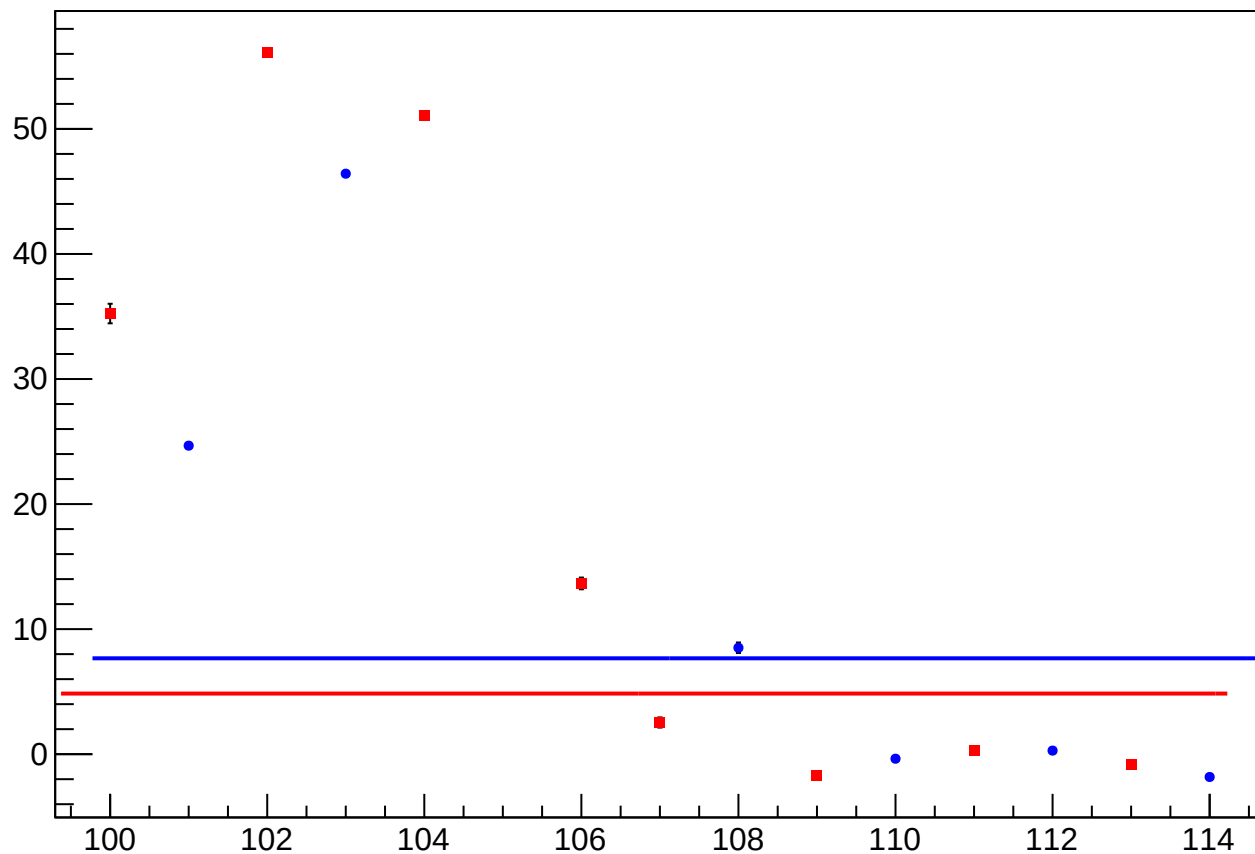
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.277 $\pm$ 0.065 χ^2 /NDF: 1000.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 7.666 $\pm$ 0.092 χ^2 /NDF: 24037.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.847 $\pm$ 0.077 χ^2 /NDF: 42755.9/7

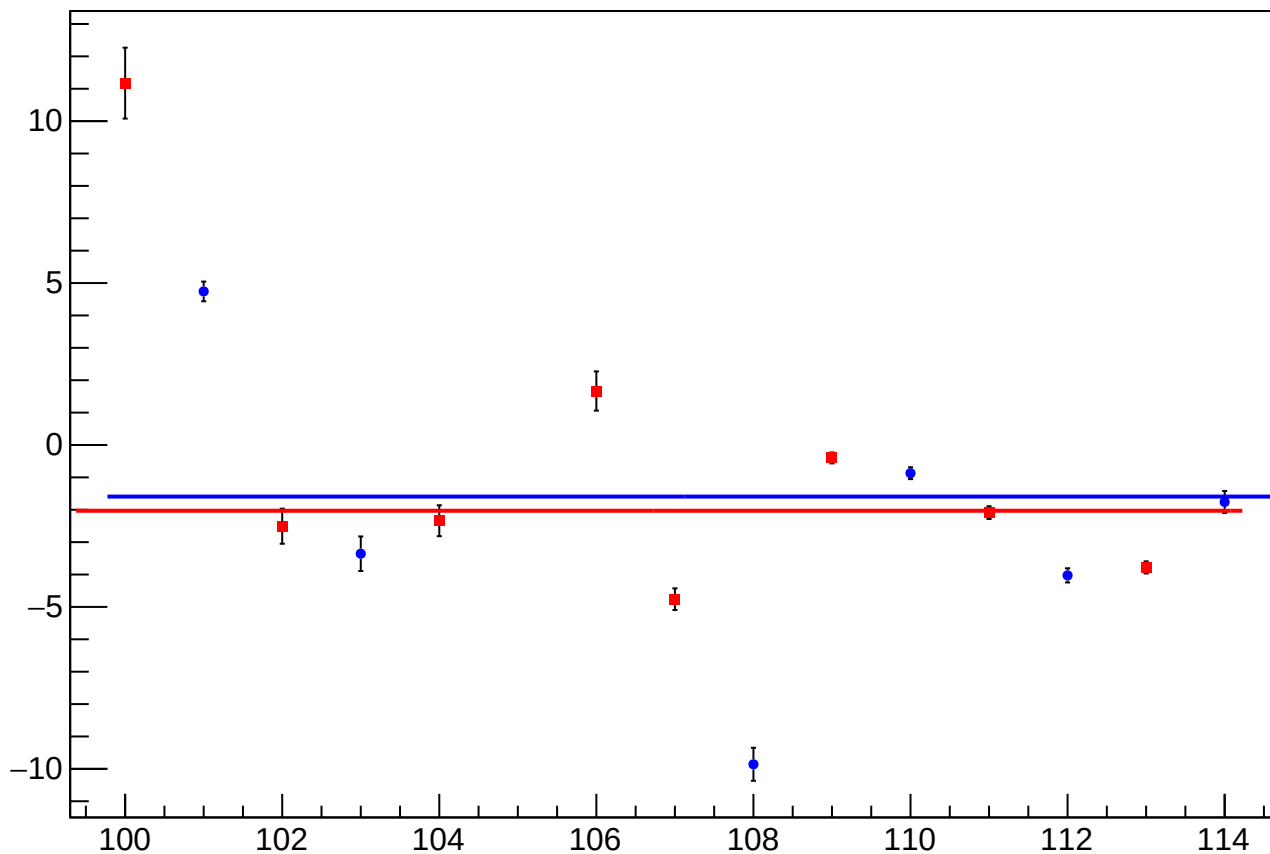
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.006 $\pm$ 0.059 χ^2 /NDF: 67342.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.593 ± 0.114 χ^2/NDF : 847.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.030 ± 0.095 χ^2/NDF : 432.1/7

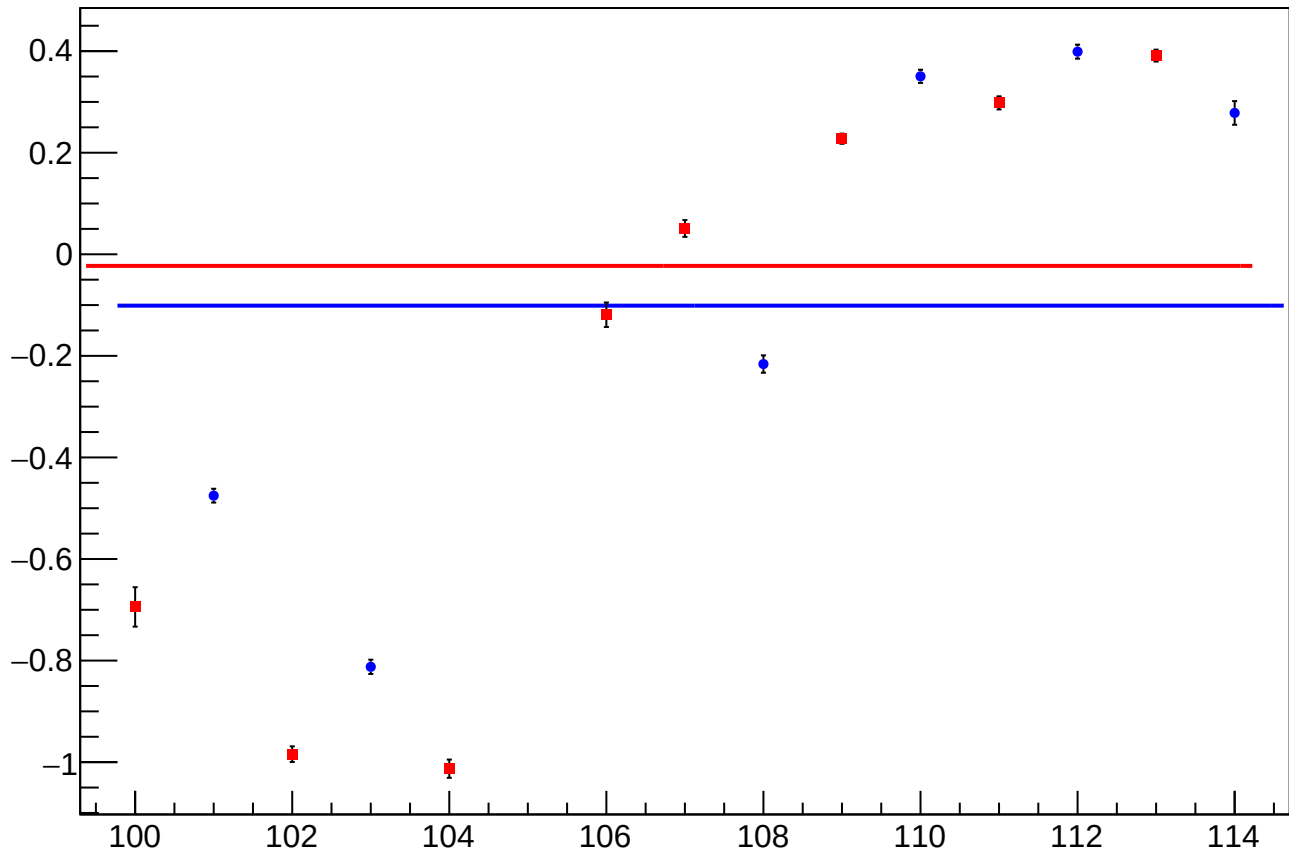
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.850 ± 0.073 χ^2/NDF : 1288.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.101 ± 0.006 χ^2/NDF : 6145.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.005 χ^2/NDF : 9756.1/7

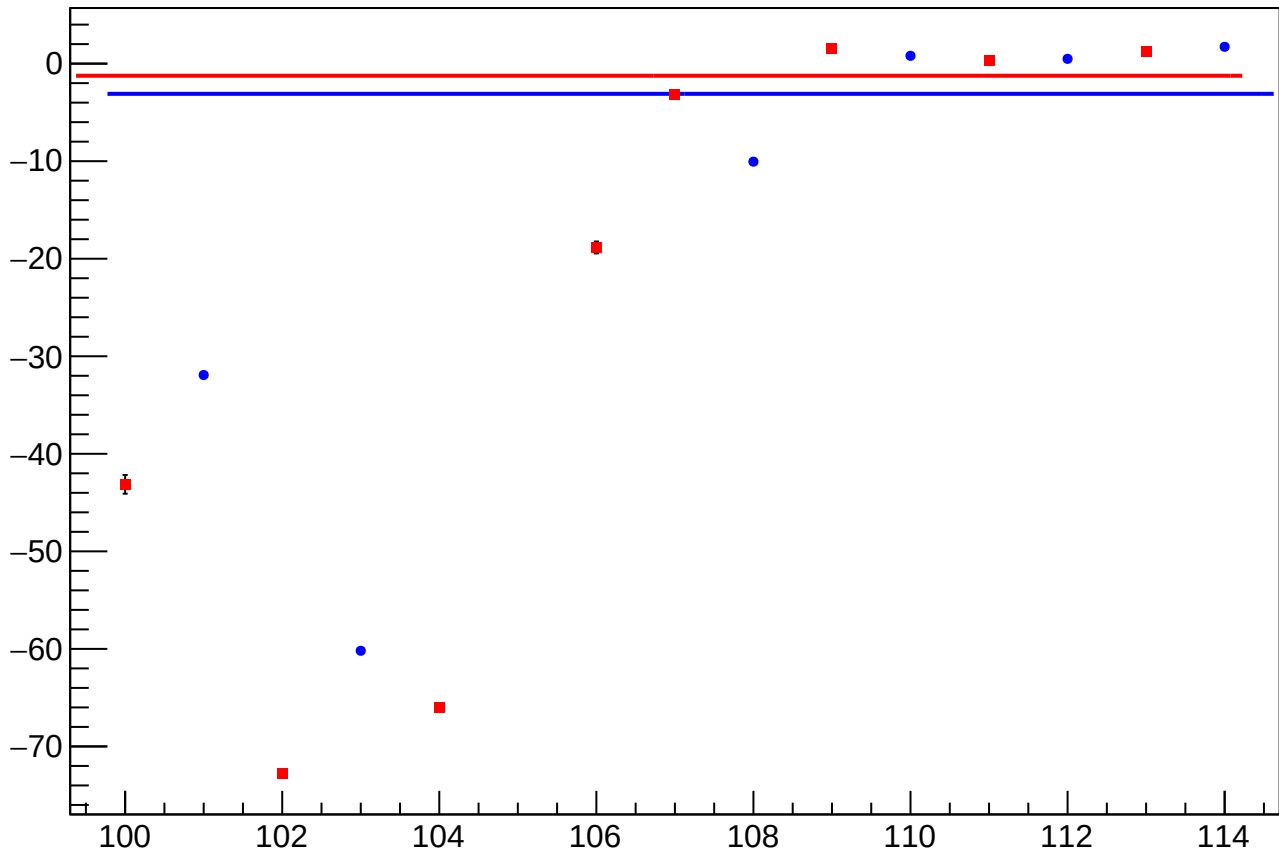
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.004 χ^2/NDF : 15996.2/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -3.096 ± 0.072 $\chi^2/\text{NDF}: 29755.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.242 ± 0.056 $\chi^2/\text{NDF}: 47402.1/7$

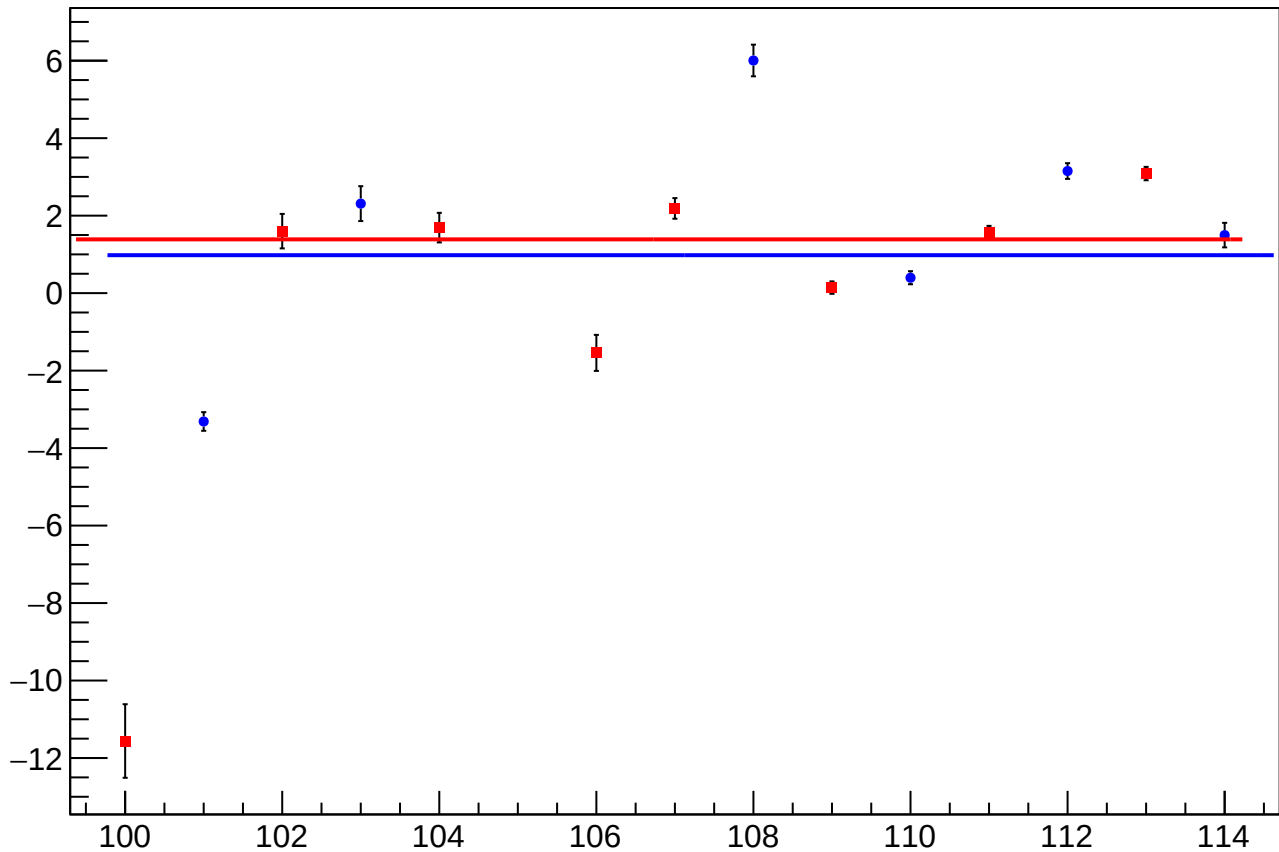
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.934 ± 0.044 $\chi^2/\text{NDF}: 77570.2/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.979 $\pm$ 0.101 χ^2 /NDF: 607.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.388 $\pm$ 0.086 χ^2 /NDF: 393.4/7

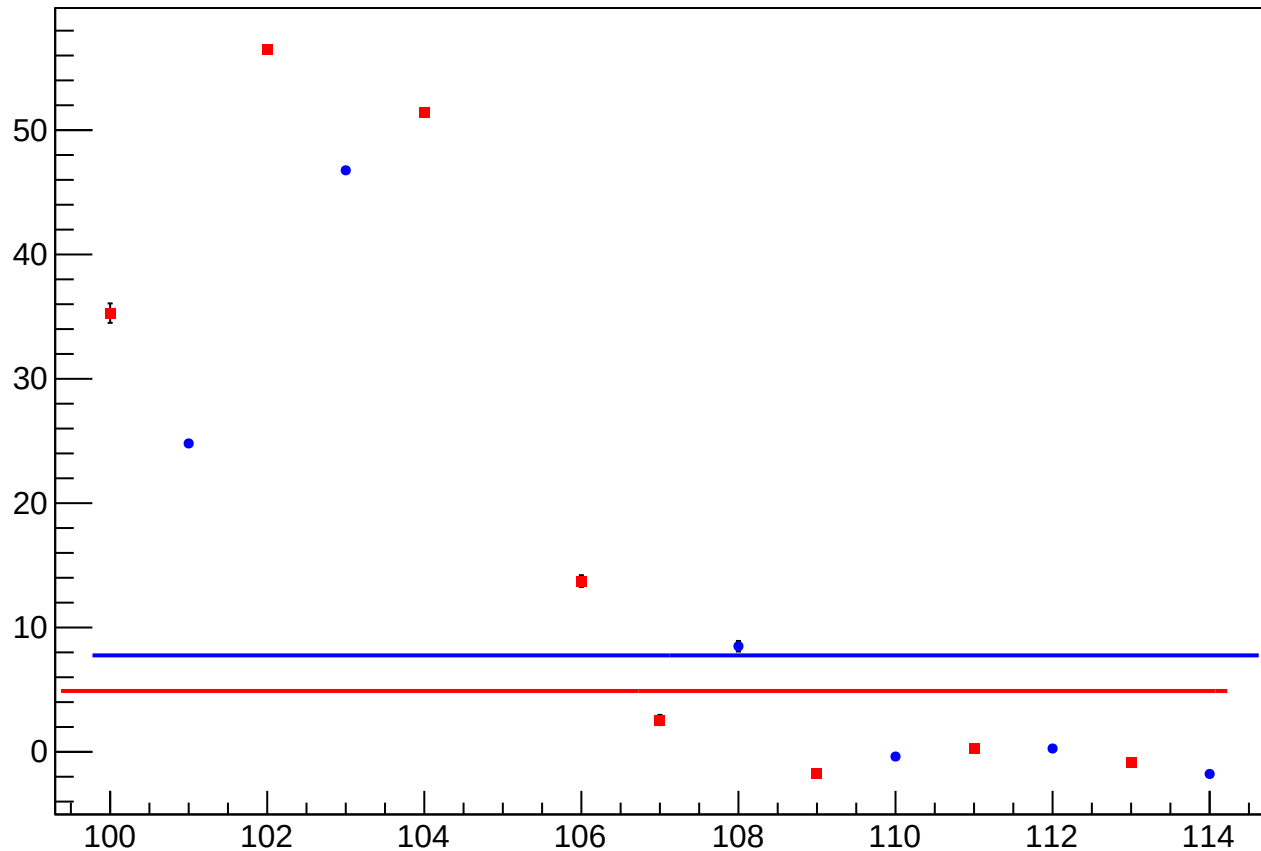
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.216 $\pm$ 0.066 χ^2 /NDF: 1010.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 7.758 $\pm$ 0.093 χ^2 /NDF: 24023.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.898 $\pm$ 0.078 χ^2 /NDF: 42735.8/7

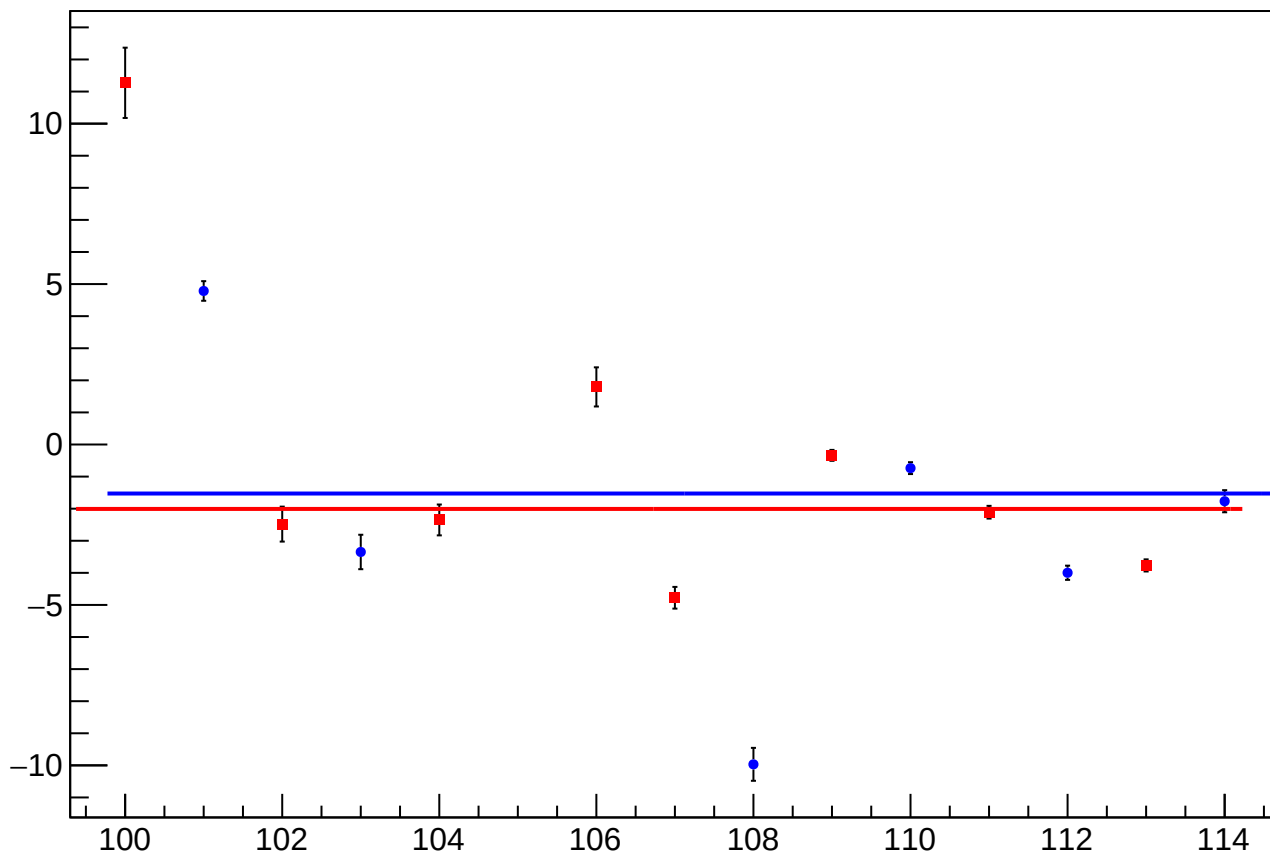
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.075 $\pm$ 0.060 χ^2 /NDF: 67312.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.528 ± 0.115 χ^2/NDF : 851.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.008 ± 0.096 χ^2/NDF : 437.8/7

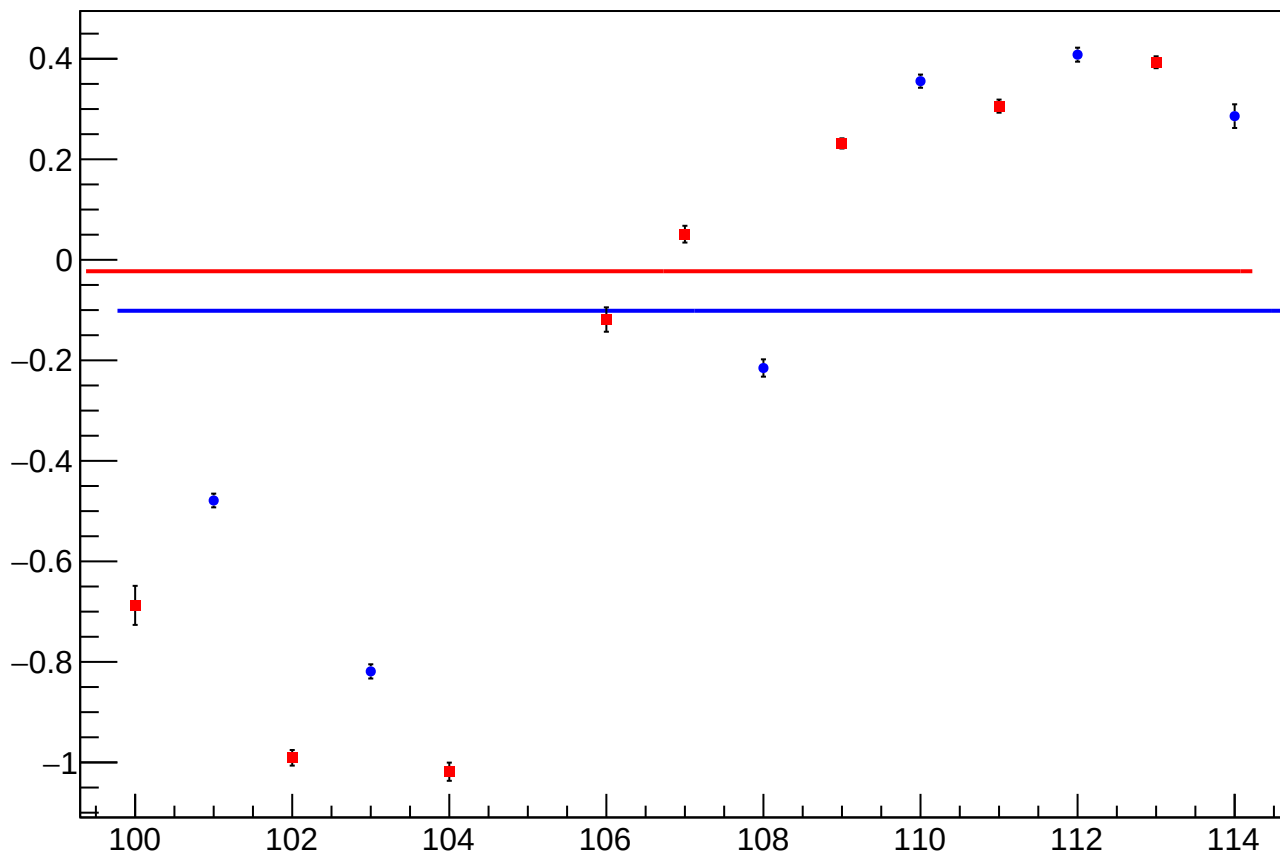
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.810 ± 0.074 χ^2/NDF : 1299.9/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.101 ± 0.006 χ^2/NDF : 6192.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.005 χ^2/NDF : 9754.8/7

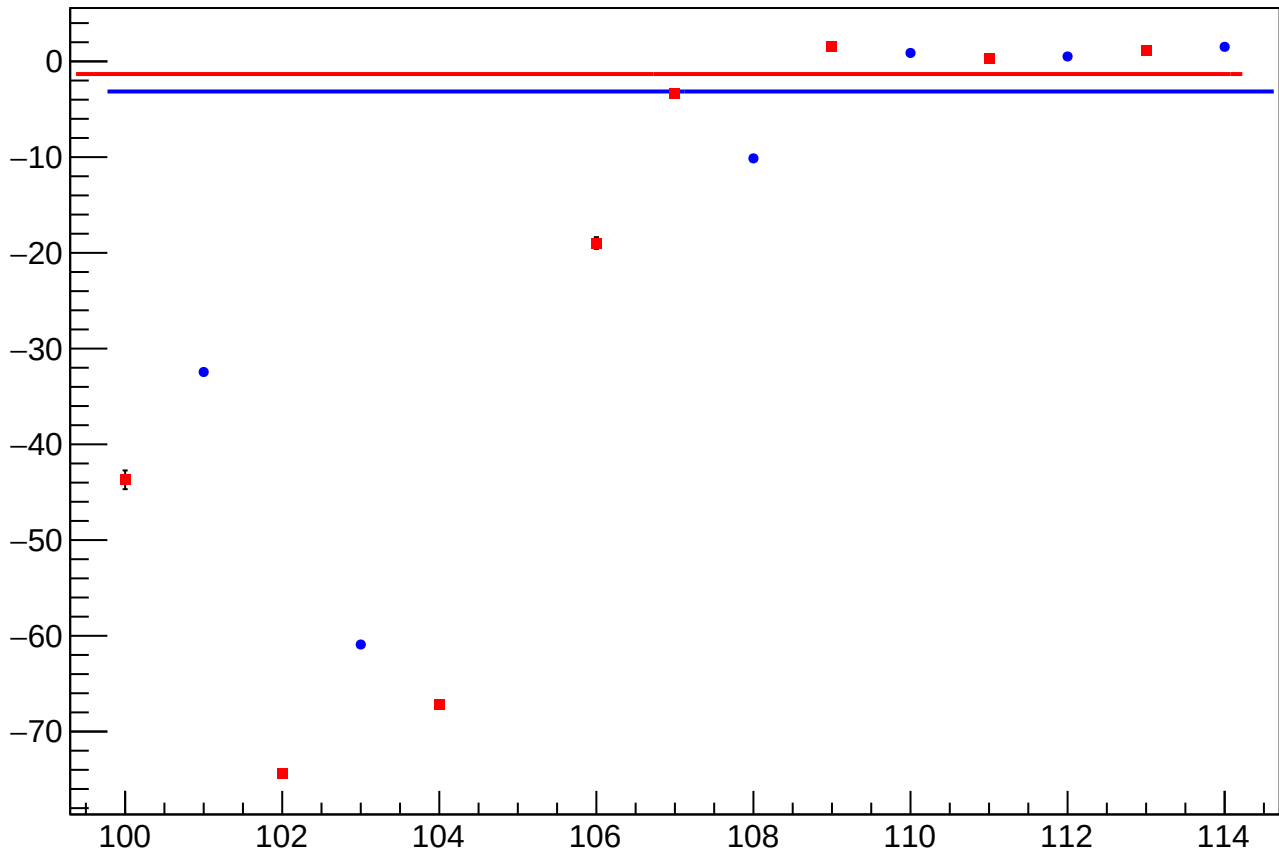
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.004 χ^2/NDF : 16041.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -3.143 ± 0.074 $\chi^2/\text{NDF}: 29327.9/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.322 ± 0.057 $\chi^2/\text{NDF}: 47088.1/7$

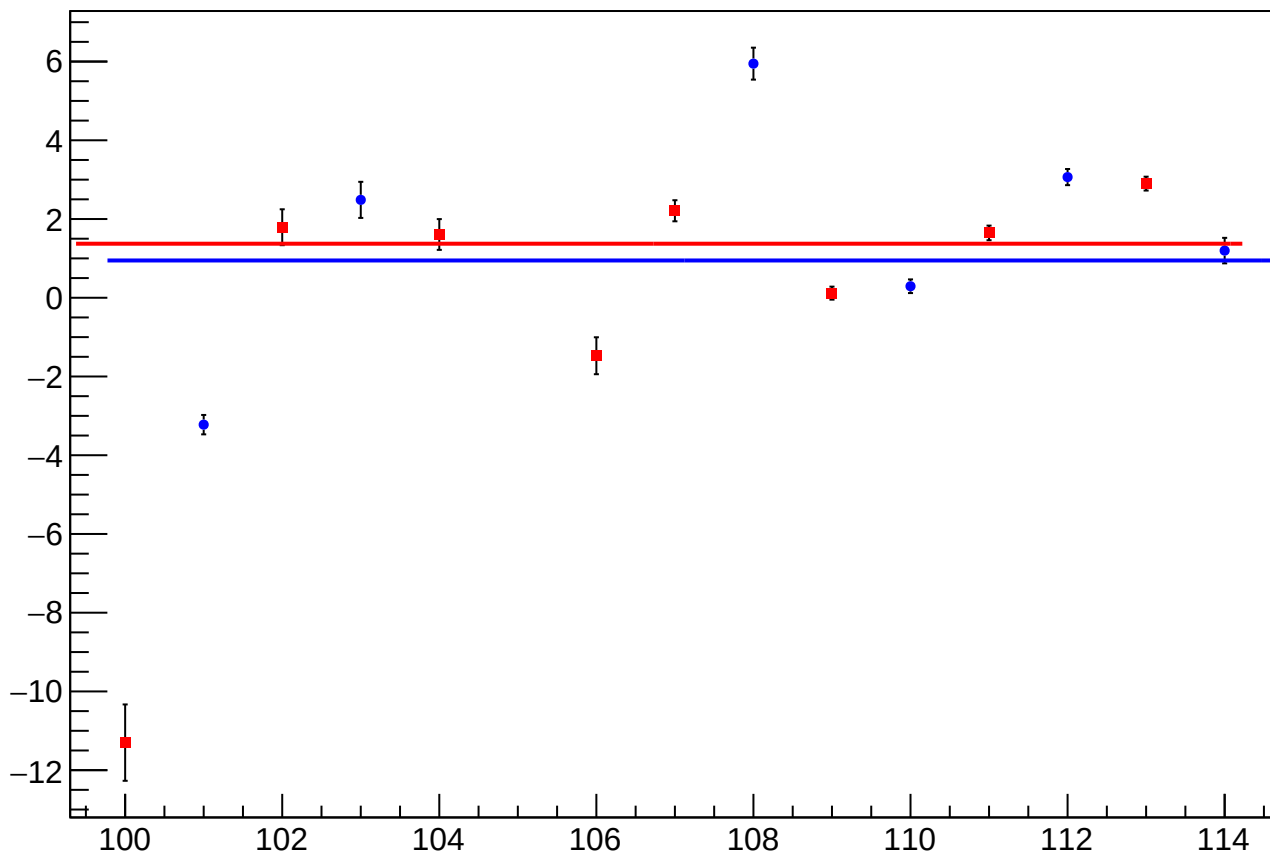
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.005 ± 0.045 $\chi^2/\text{NDF}: 76796.8/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.947 ± 0.103 χ^2/NDF : 571.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.373 ± 0.088 χ^2/NDF : 353.7/7

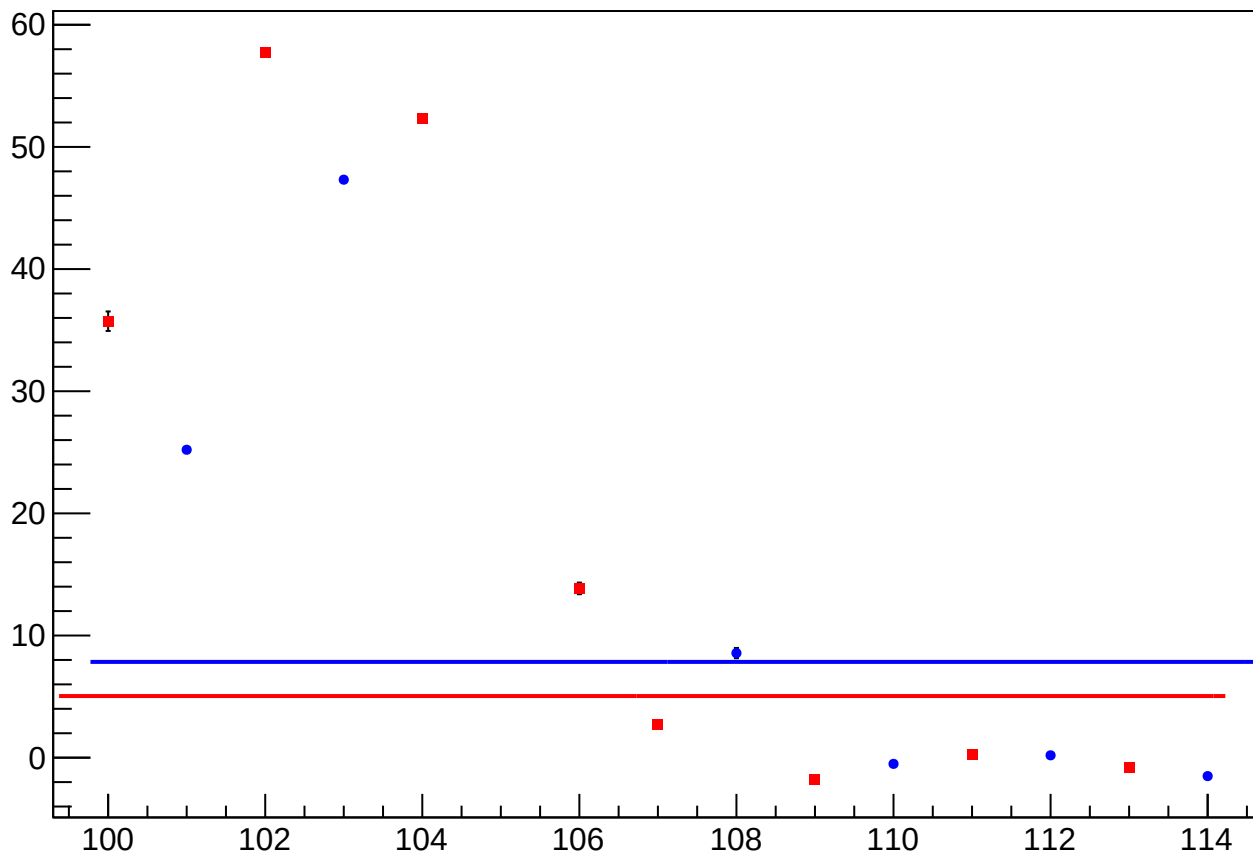
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.193 ± 0.067 χ^2/NDF : 934.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 7.841 $\pm$ 0.095 χ^2 /NDF: 23714.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.045 $\pm$ 0.080 χ^2 /NDF: 42437.0/7

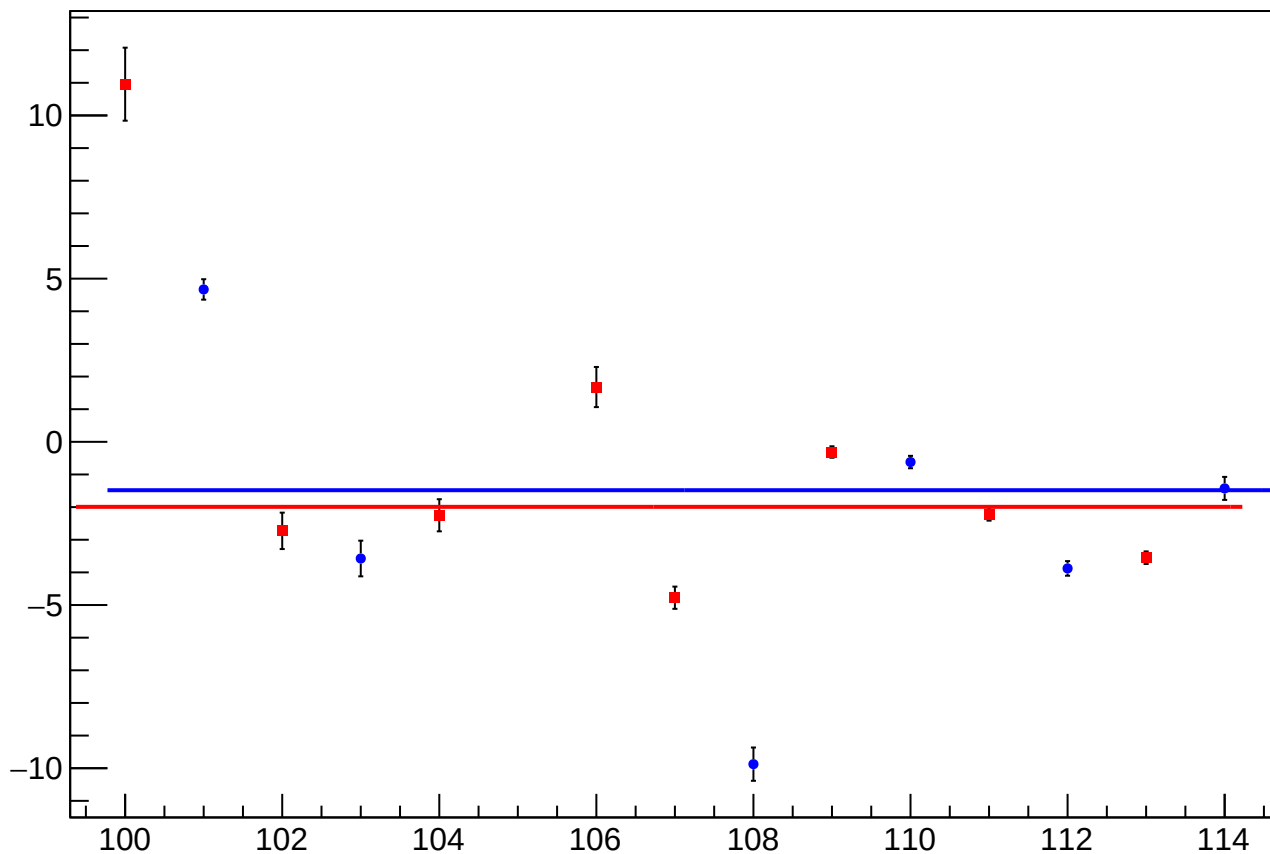
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.199 $\pm$ 0.061 χ^2 /NDF: 66657.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.482 ± 0.117 χ^2/NDF : 806.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.992 ± 0.098 χ^2/NDF : 397.2/7

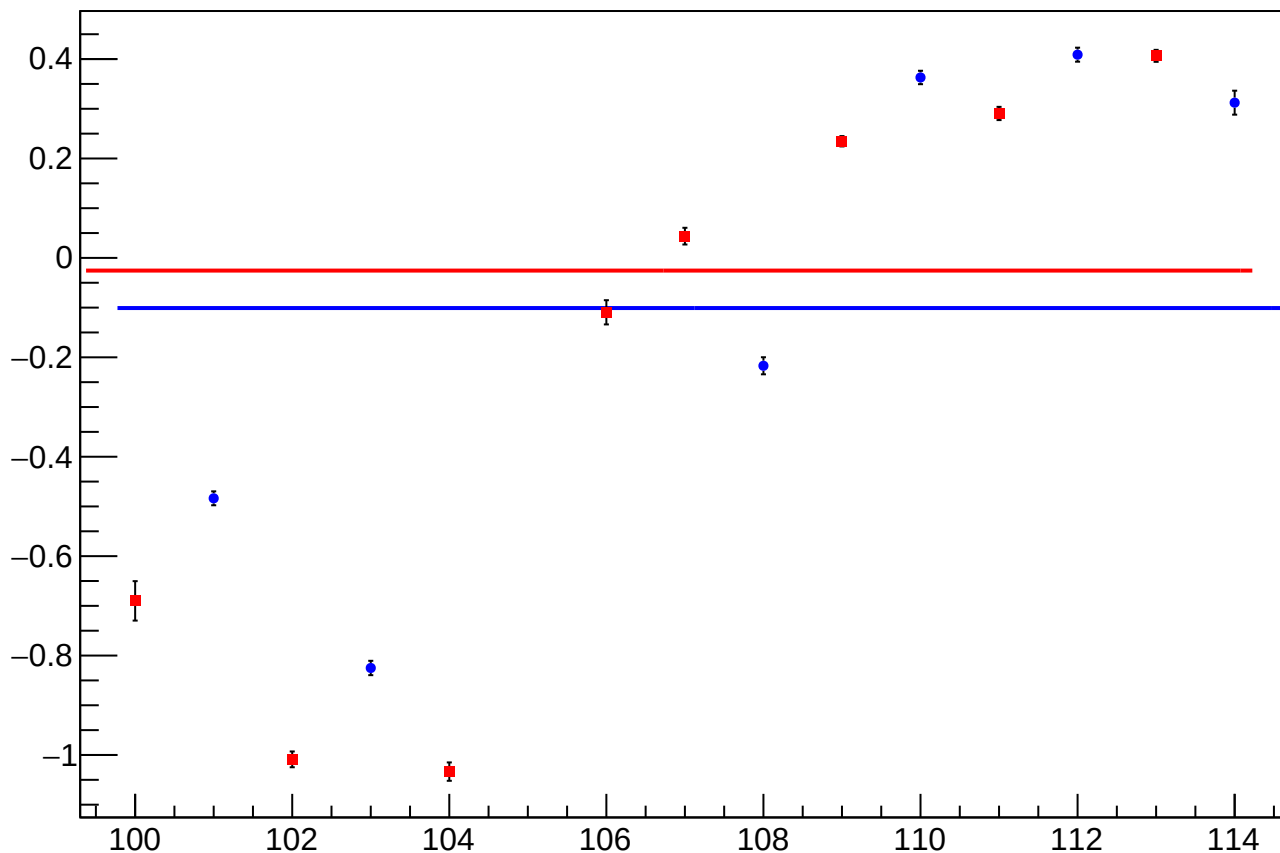
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.781 ± 0.075 χ^2/NDF : 1215.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.101 ± 0.006 χ^2/NDF : 6085.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.005 χ^2/NDF : 9587.0/7

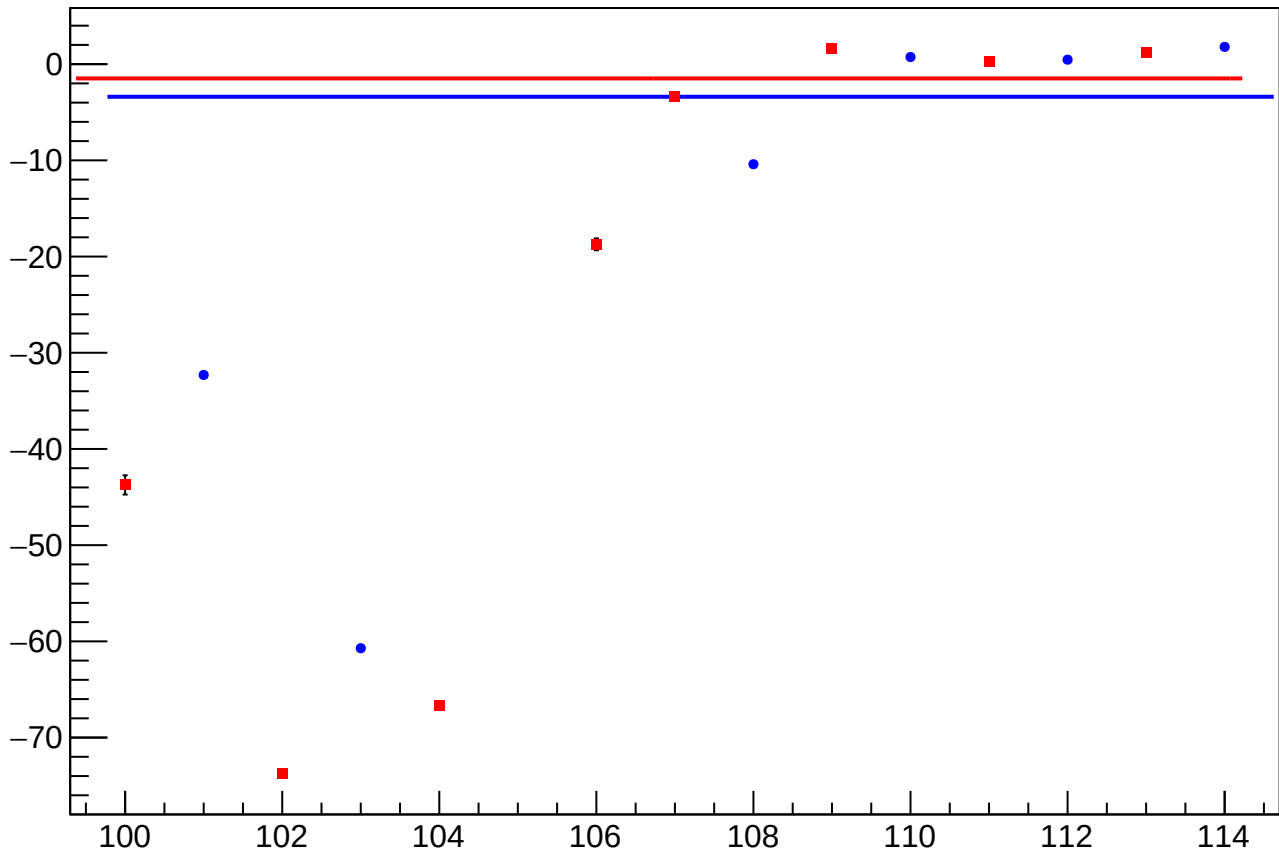
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.004 χ^2/NDF : 15755.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -3.390 ± 0.076 $\chi^2/\text{NDF}: 28702.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.484 ± 0.059 $\chi^2/\text{NDF}: 46203.7/7$

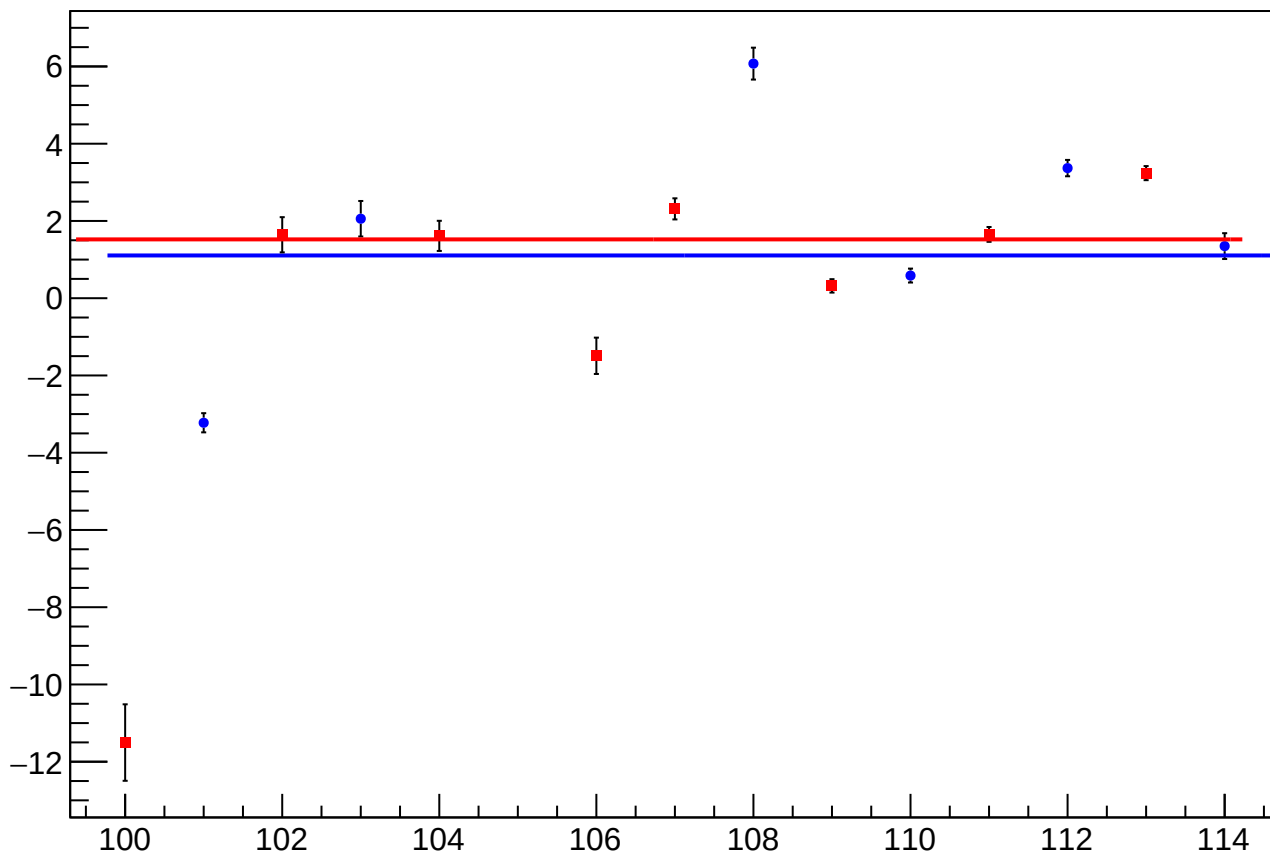
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.205 ± 0.047 $\chi^2/\text{NDF}: 75296.1/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.107 $\pm$ 0.106 χ^2 /NDF: 576.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.523 $\pm$ 0.091 χ^2 /NDF: 359.6/7

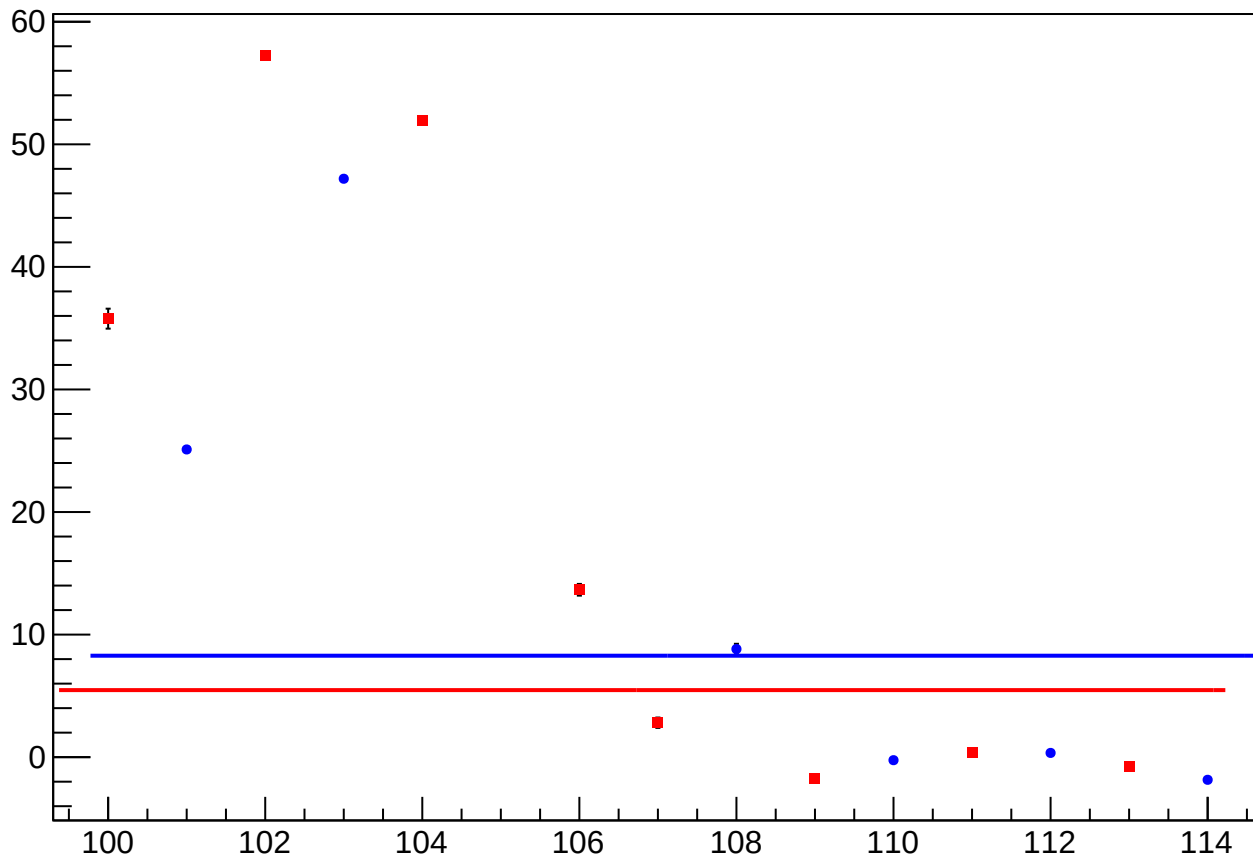
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.346 $\pm$ 0.069 χ^2 /NDF: 944.7/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 8.278 $\pm$ 0.098 χ^2 /NDF: 22915.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.471 $\pm$ 0.083 χ^2 /NDF: 41280.0/7

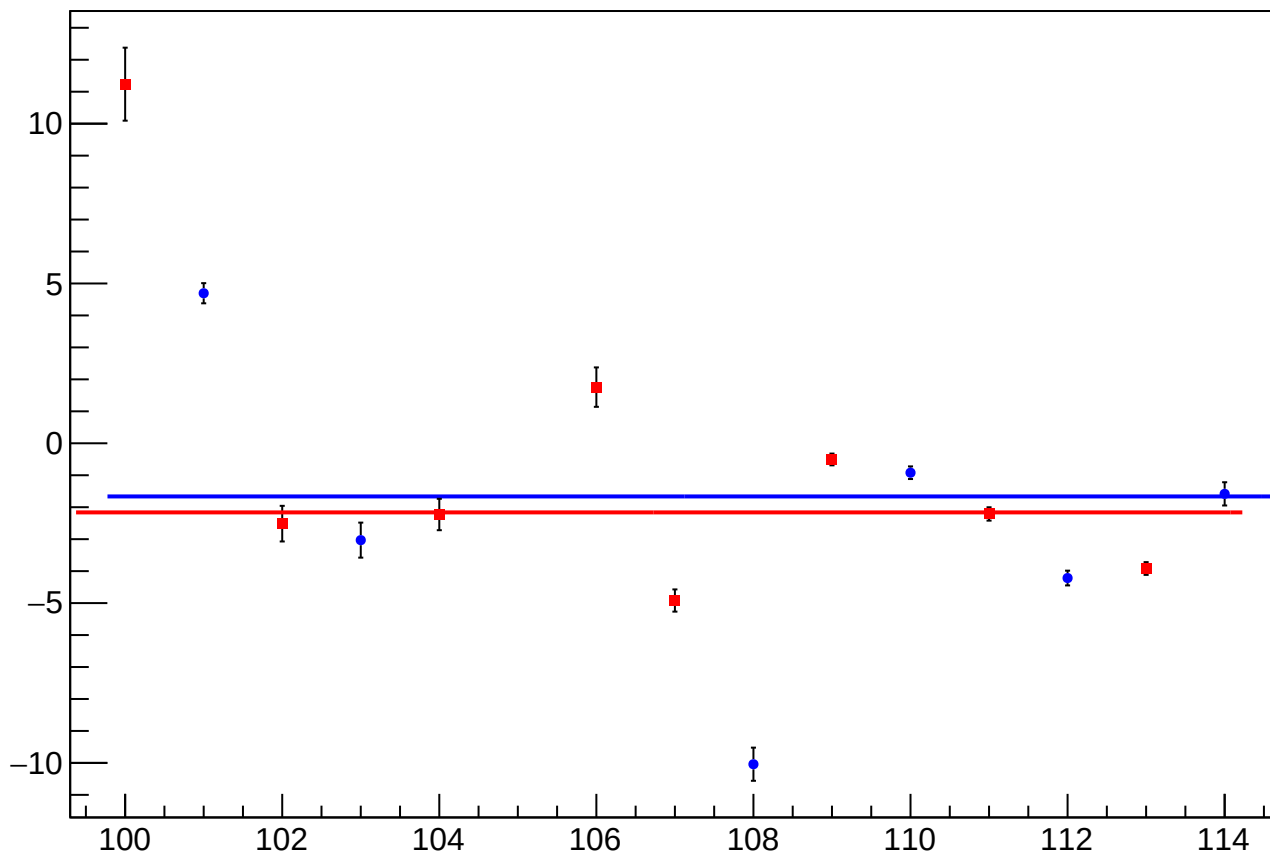
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.641 $\pm$ 0.063 χ^2 /NDF: 64676.9/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.663 ± 0.120 $\chi^2/\text{NDF}: 809.4/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.162 ± 0.102 $\chi^2/\text{NDF}: 399.7/7$

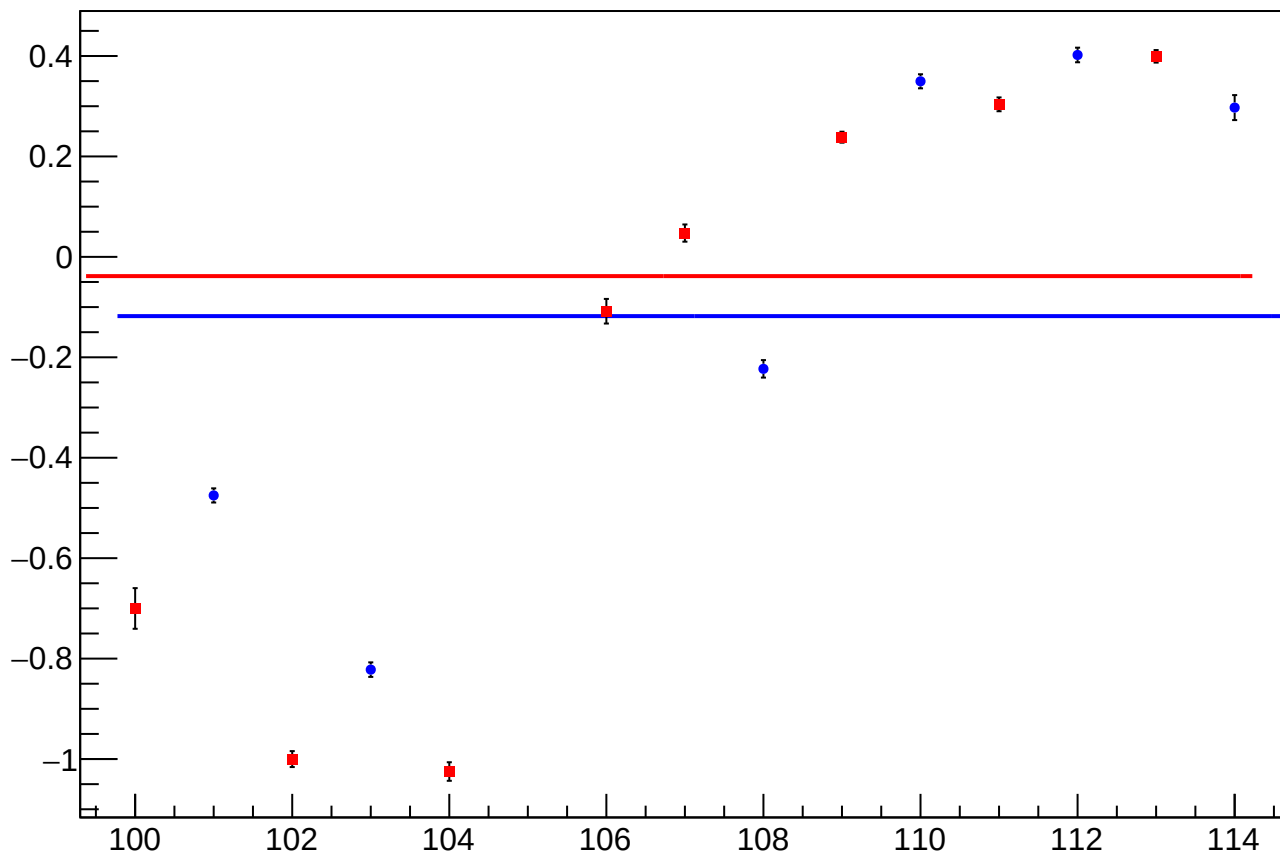
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.954 ± 0.078 $\chi^2/\text{NDF}: 1219.2/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.118 ± 0.006 χ^2/NDF : 5714.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.006 χ^2/NDF : 9313.4/7

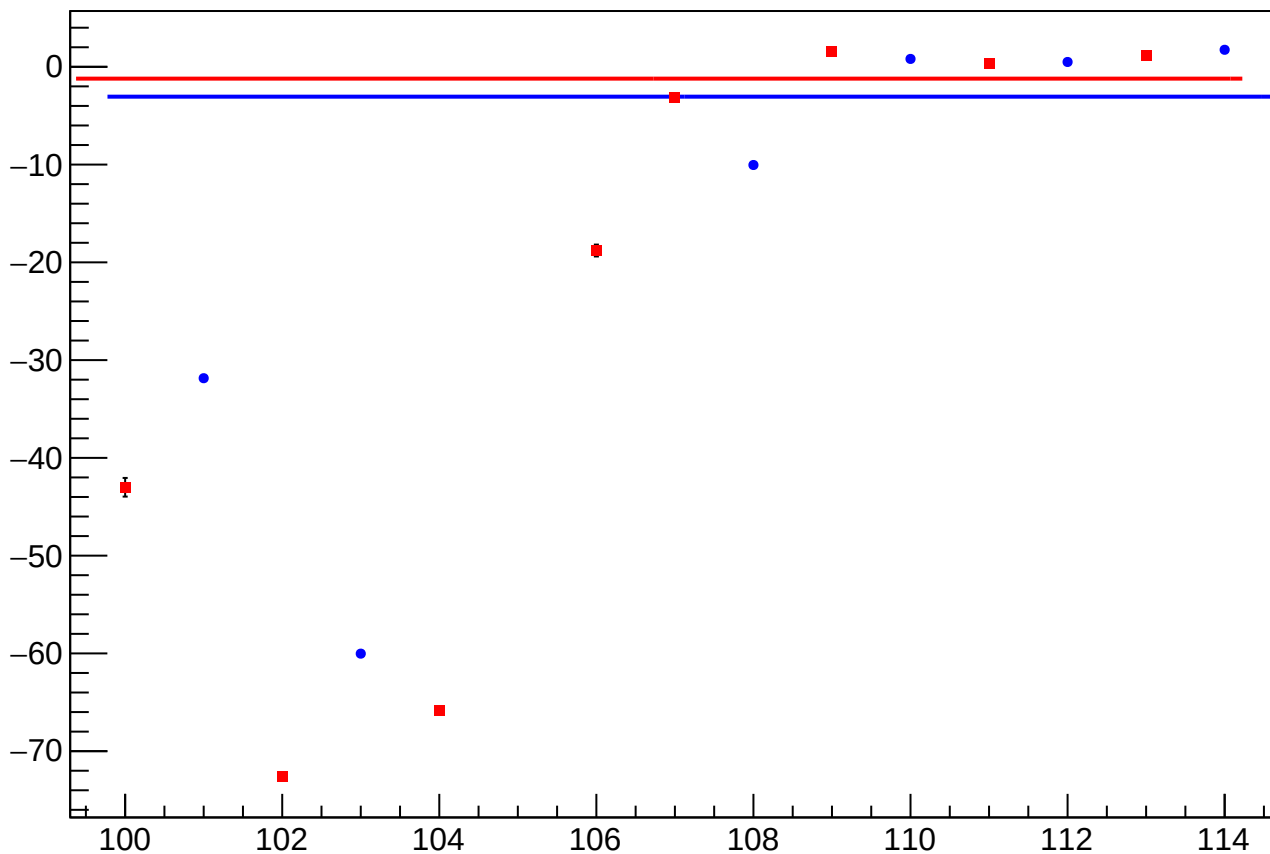
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.072 ± 0.004 χ^2/NDF : 15116.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -3.053 ± 0.072 χ^2/NDF : 29809.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.208 ± 0.055 χ^2/NDF : 47472.4/7

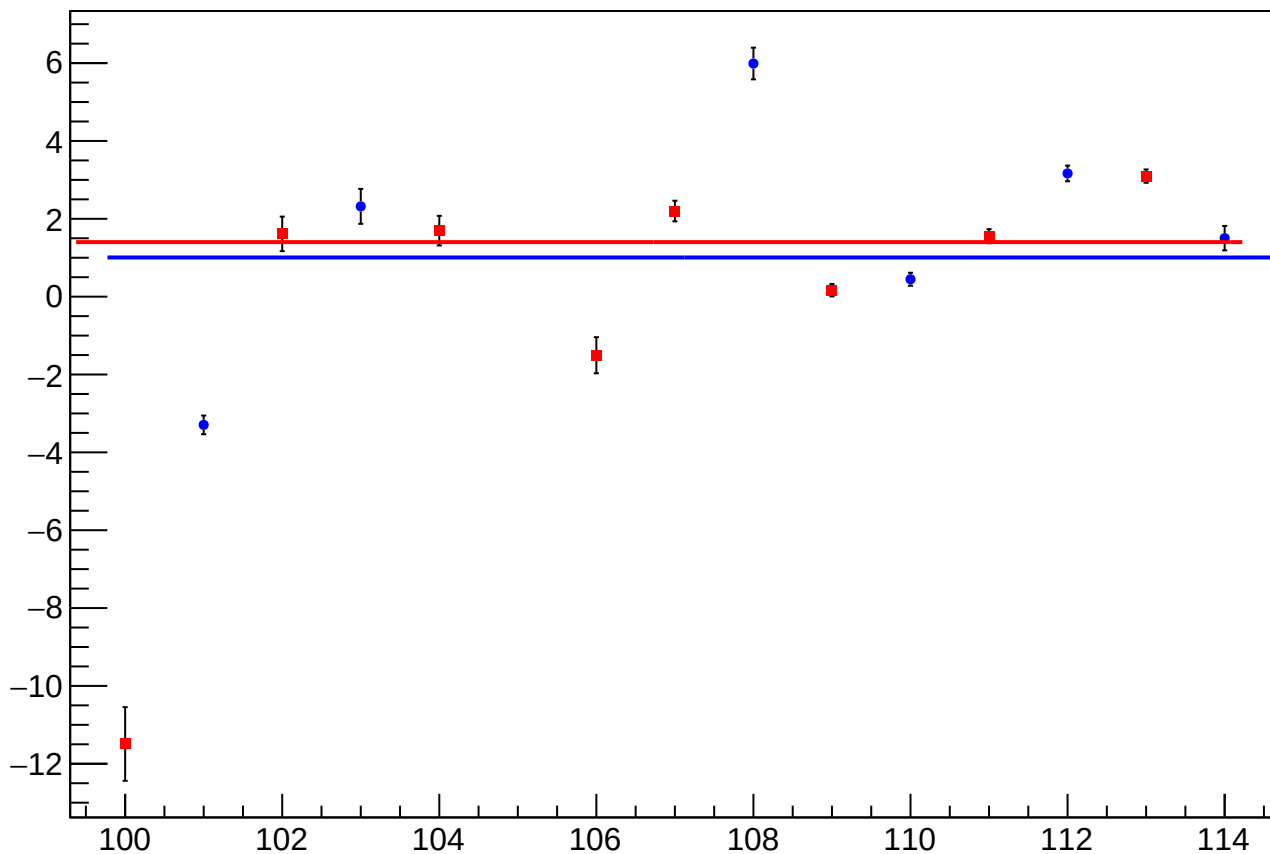
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.896 ± 0.044 χ^2/NDF : 77696.5/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 1.006 $\pm$ 0.101 χ^2 /NDF: 608.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.401 $\pm$ 0.086 χ^2 /NDF: 393.8/7

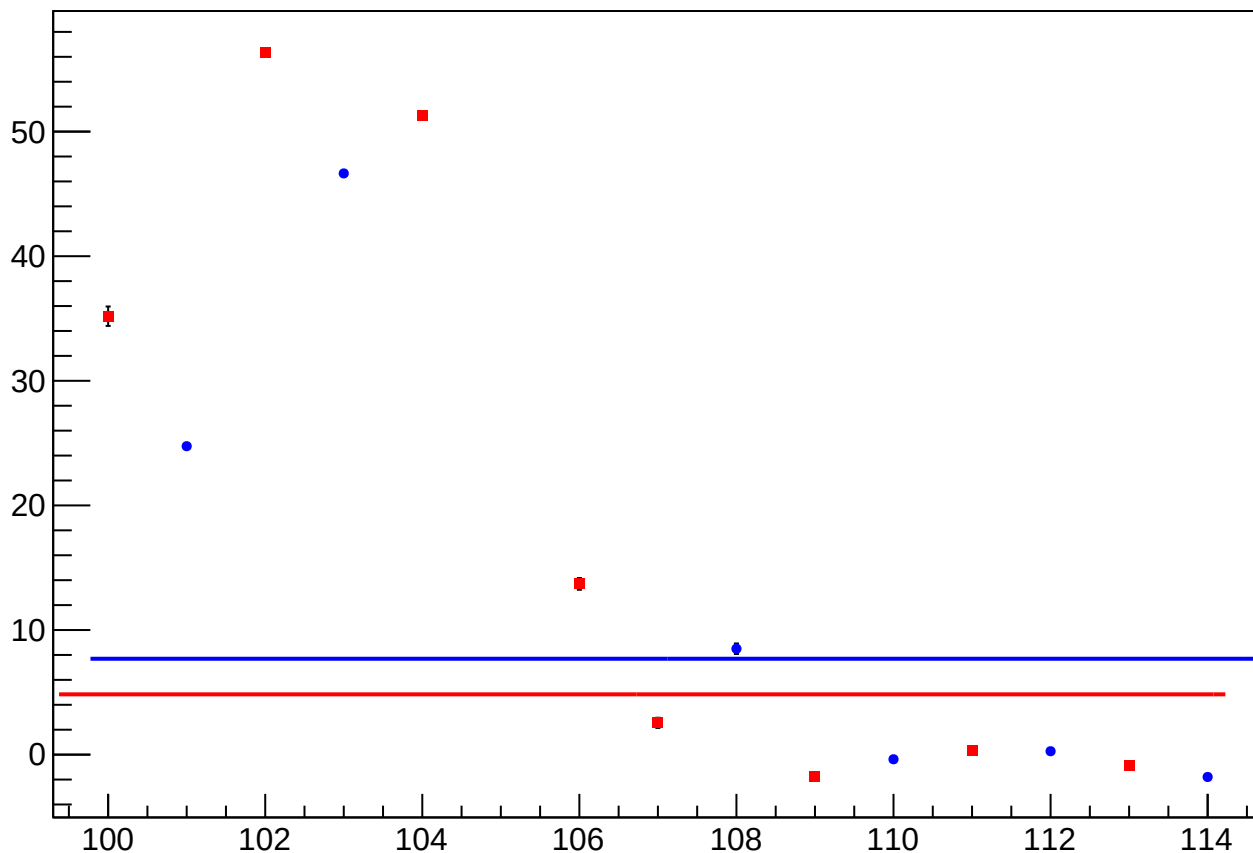
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.235 $\pm$ 0.065 χ^2 /NDF: 1010.8/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 7.695+/-0.093 χ^2/NDF : 24089.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.839+/-0.077 χ^2/NDF : 42825.3/7

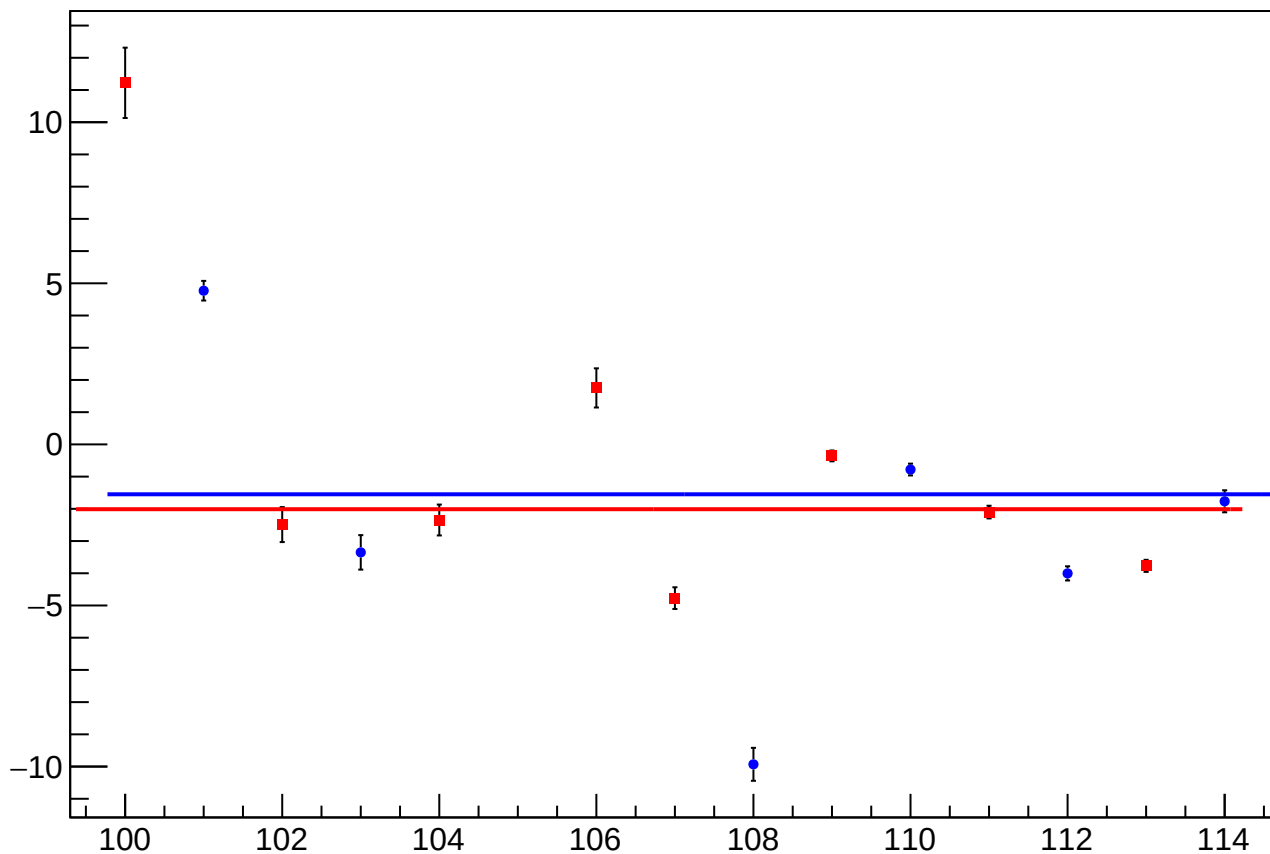
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.012+/-0.059 χ^2/NDF : 67473.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -1.549 ± 0.114 χ^2/NDF : 852.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.012 ± 0.095 χ^2/NDF : 438.6/7

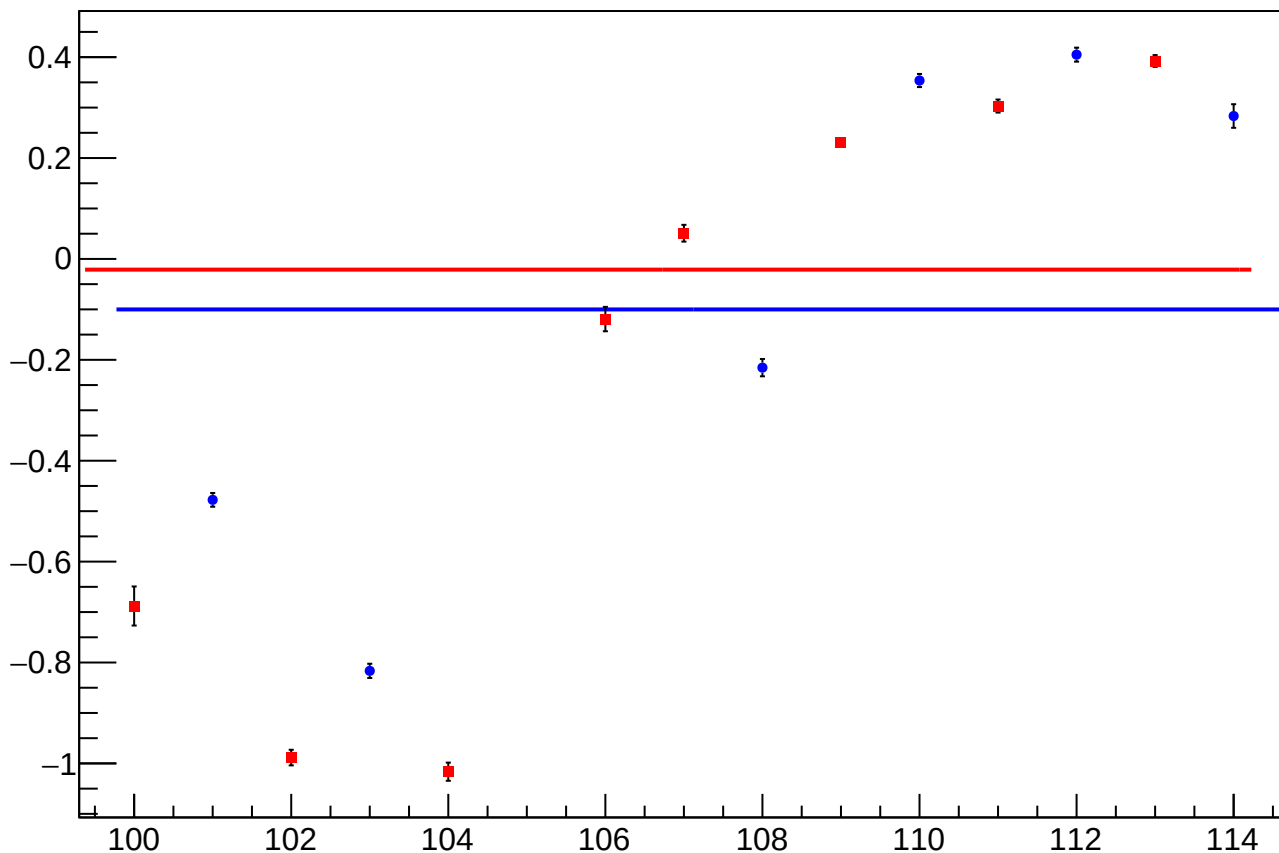
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.821 ± 0.073 χ^2/NDF : 1300.4/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.100 ± 0.006 χ^2/NDF : 6198.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.005 χ^2/NDF : 9783.4/7

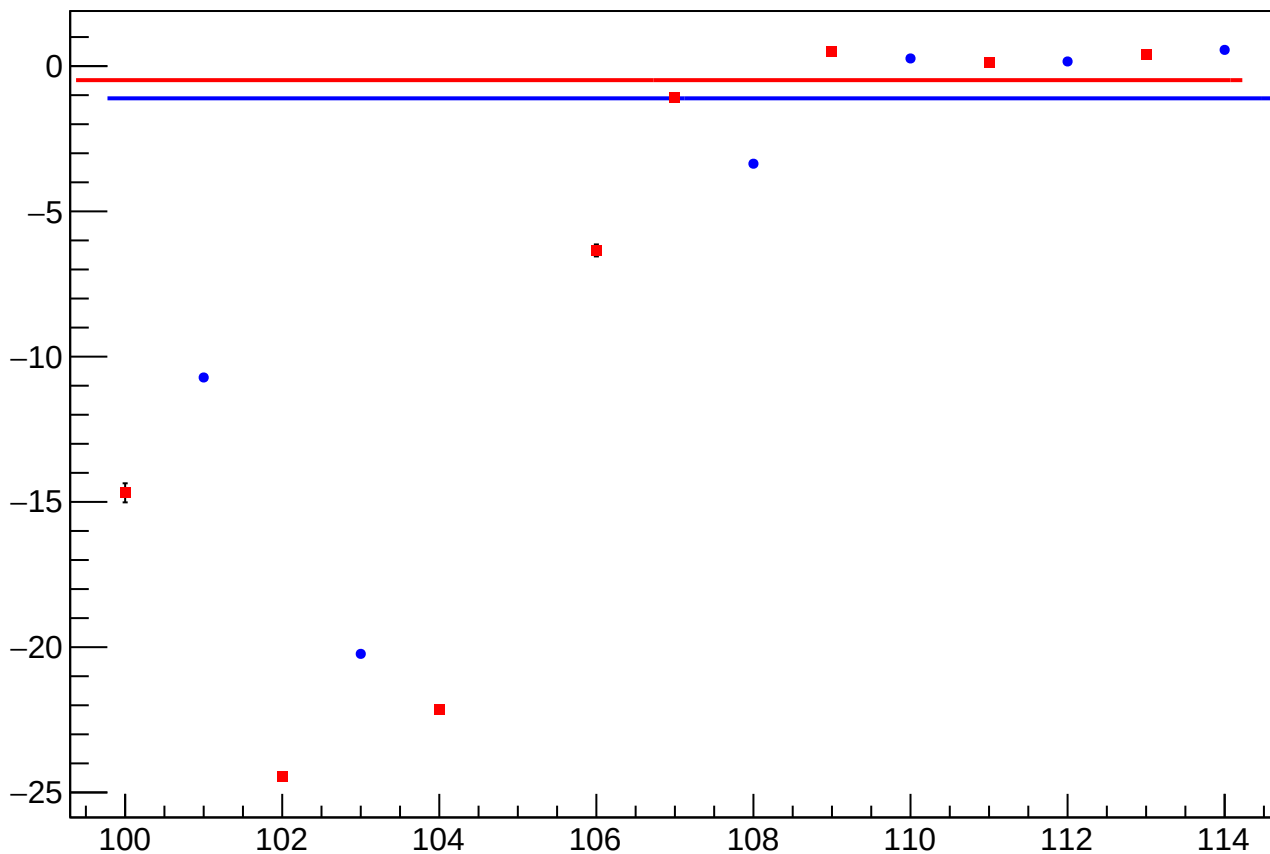
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.055 ± 0.004 χ^2/NDF : 16077.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -1.109 ± 0.025 χ^2/NDF : 29290.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.483 ± 0.019 χ^2/NDF : 46844.6/7

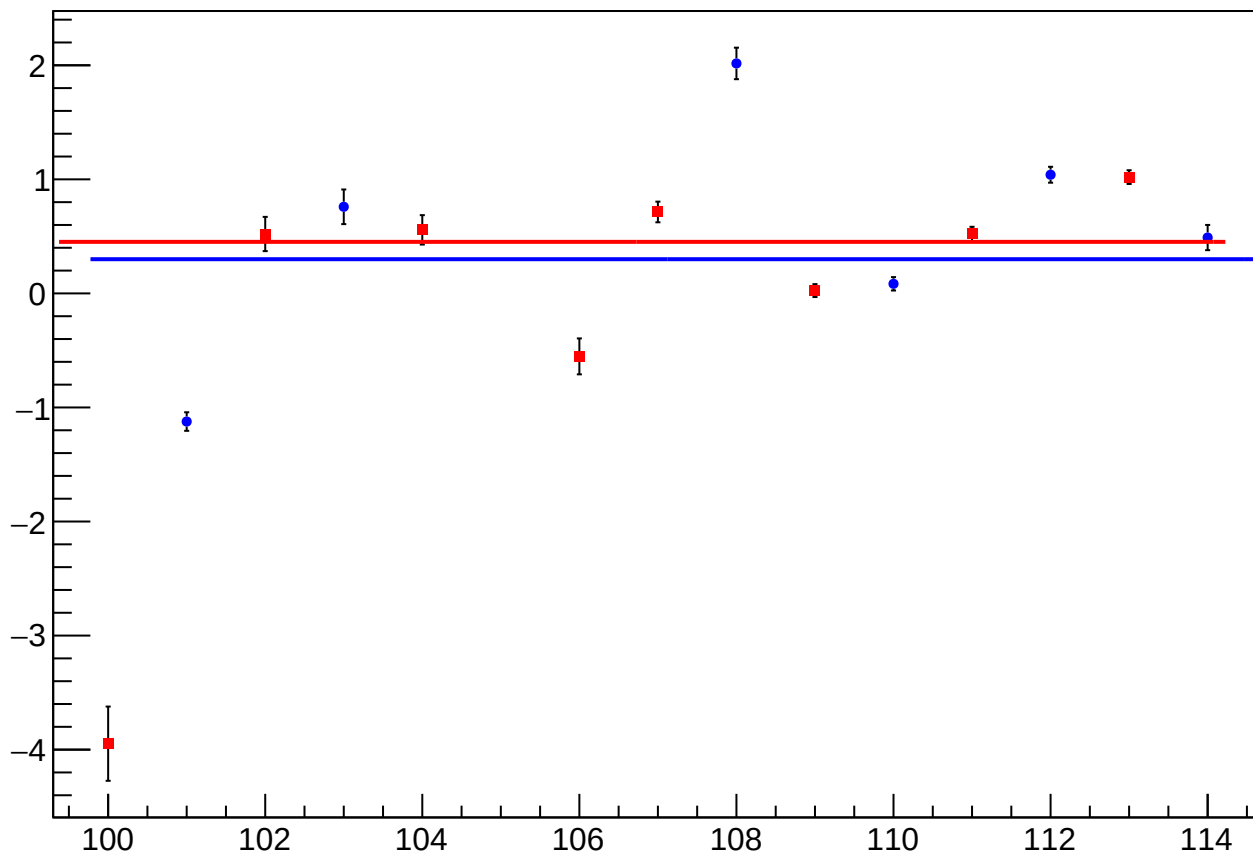
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.720 ± 0.015 χ^2/NDF : 76526.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.300 $\pm$ 0.035 χ^2 /NDF: 599.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.452 $\pm$ 0.030 χ^2 /NDF: 379.8/7

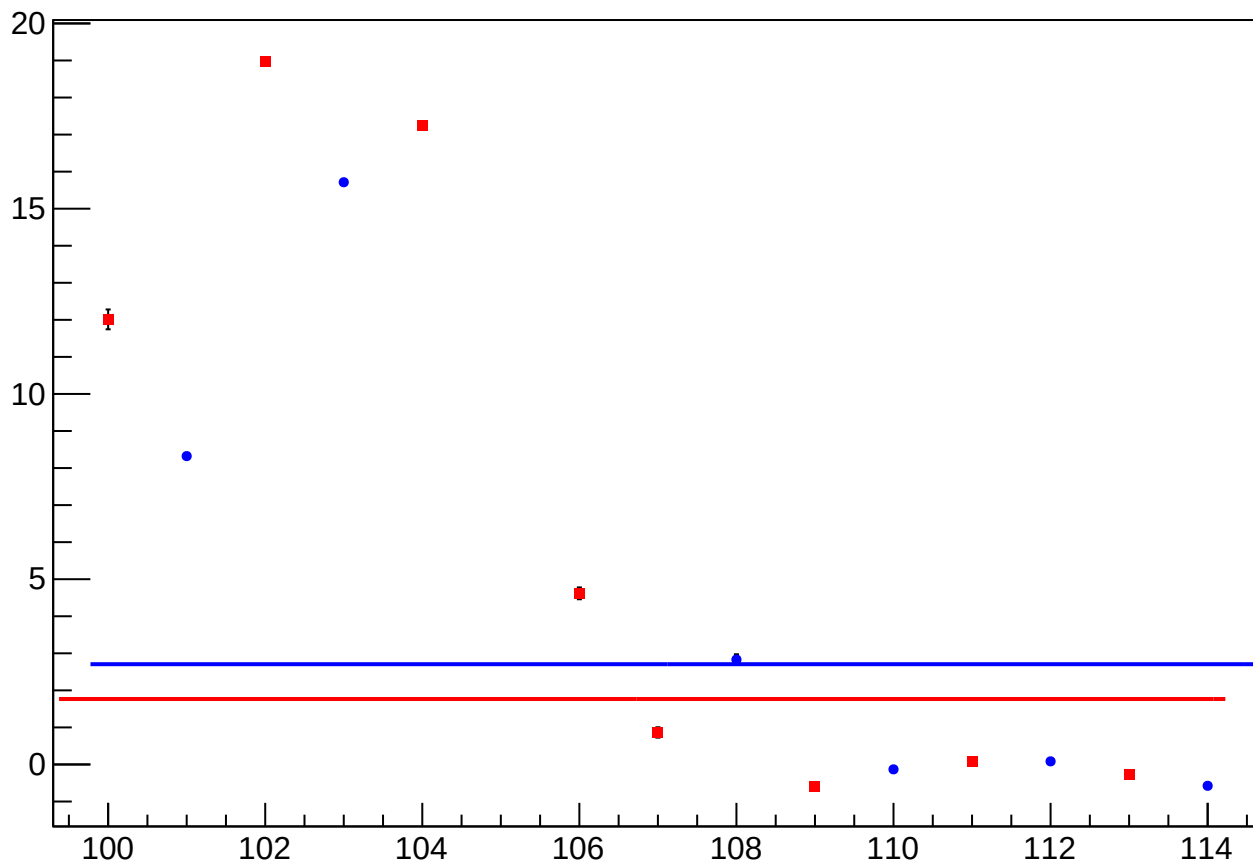
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.387 $\pm$ 0.023 χ^2 /NDF: 990.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 2.706 $\pm$ 0.032 χ^2 /NDF: 23491.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.767 $\pm$ 0.027 χ^2 /NDF: 42010.6/7

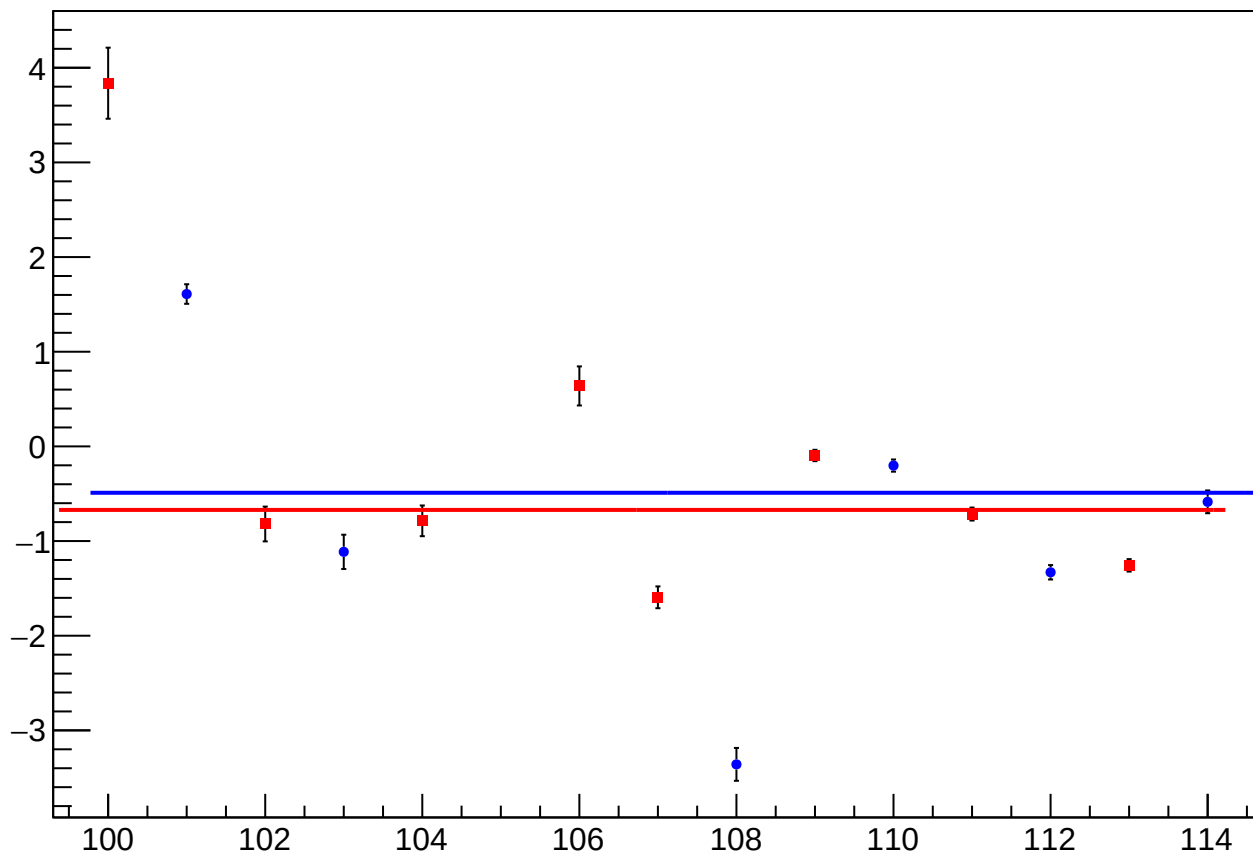
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.158 $\pm$ 0.021 χ^2 /NDF: 66002.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.490 ± 0.040 χ^2/NDF : 840.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.671 ± 0.033 χ^2/NDF : 421.2/7

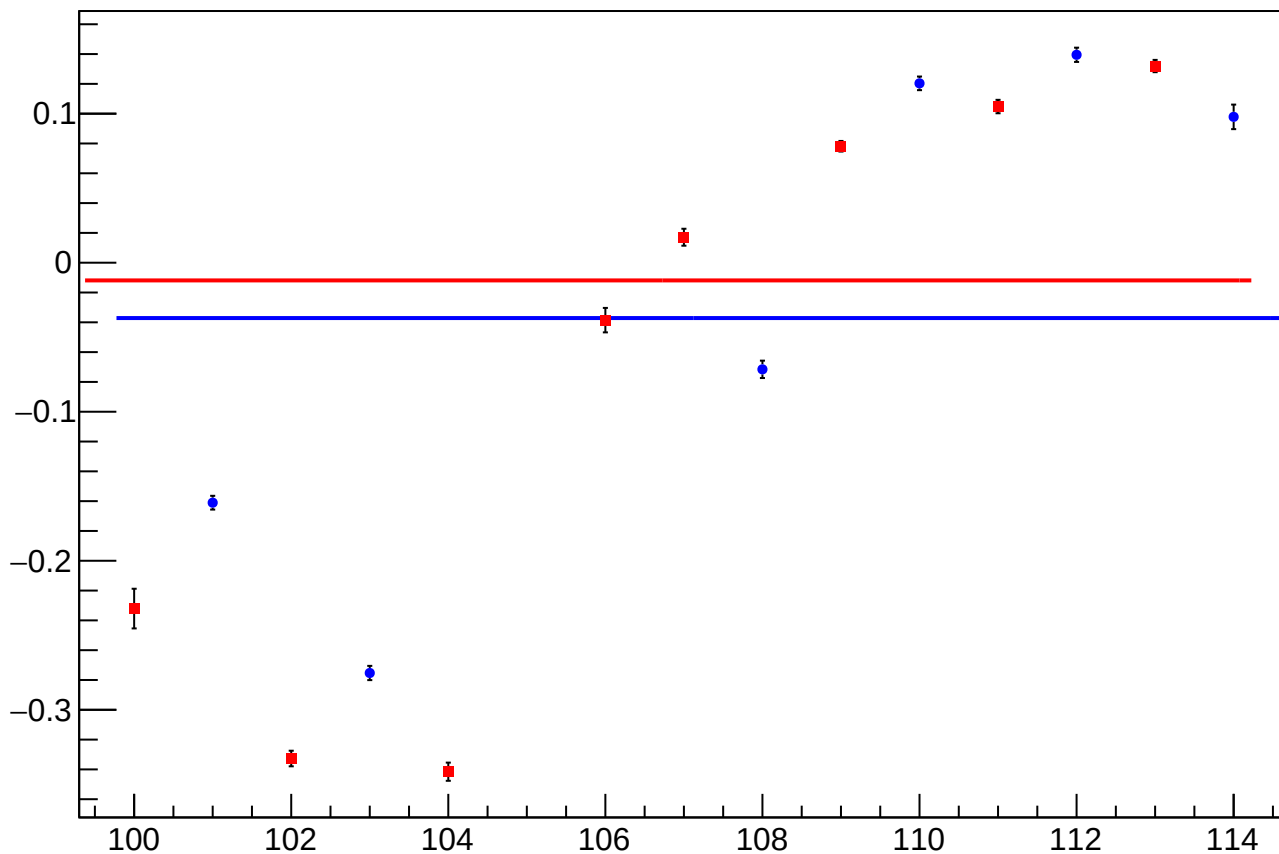
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.596 ± 0.026 χ^2/NDF : 1274.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.037 $\pm$ 0.002 χ^2 /NDF: 6054.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 9515.8/7

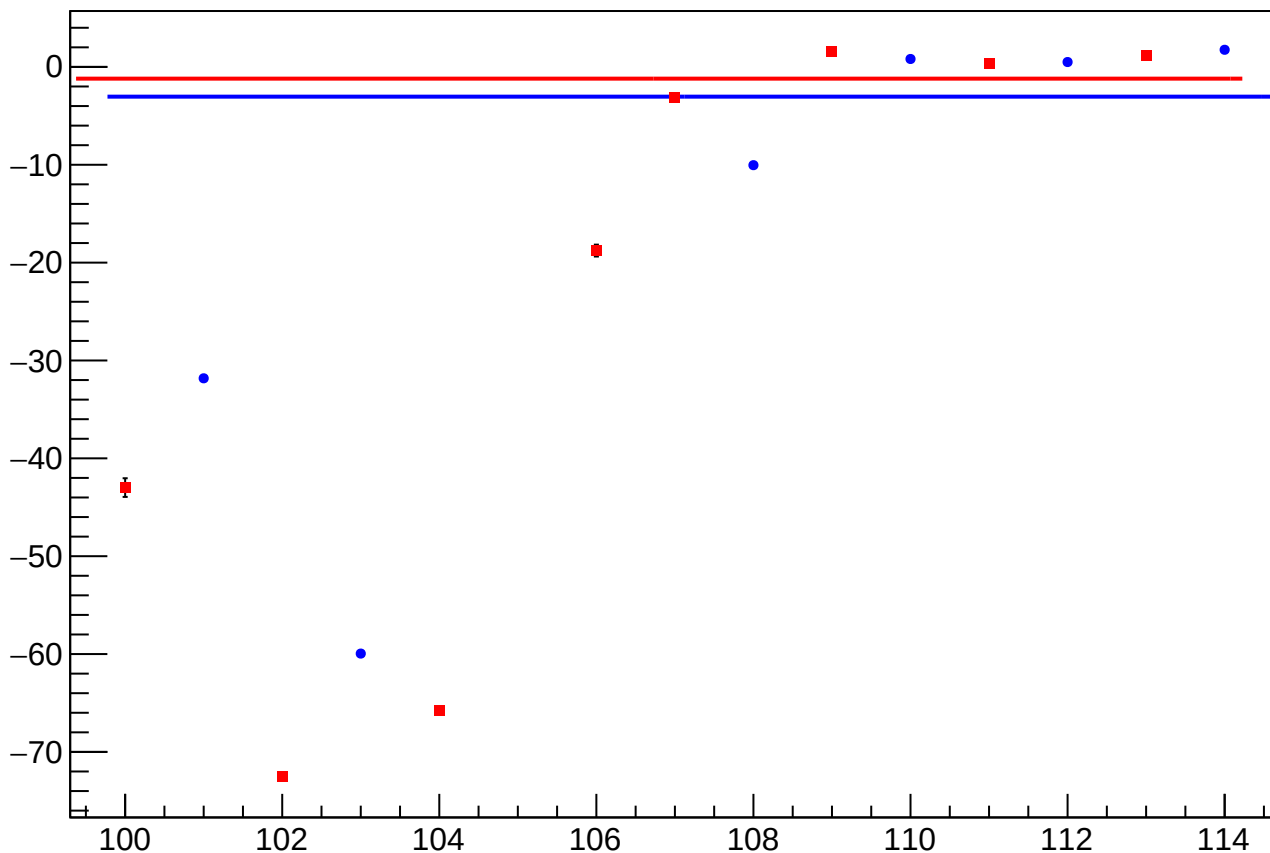
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.001 χ^2 /NDF: 15652.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -3.039 ± 0.072 $\chi^2/\text{NDF}: 29816.8/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.199 ± 0.055 $\chi^2/\text{NDF}: 47484.5/7$

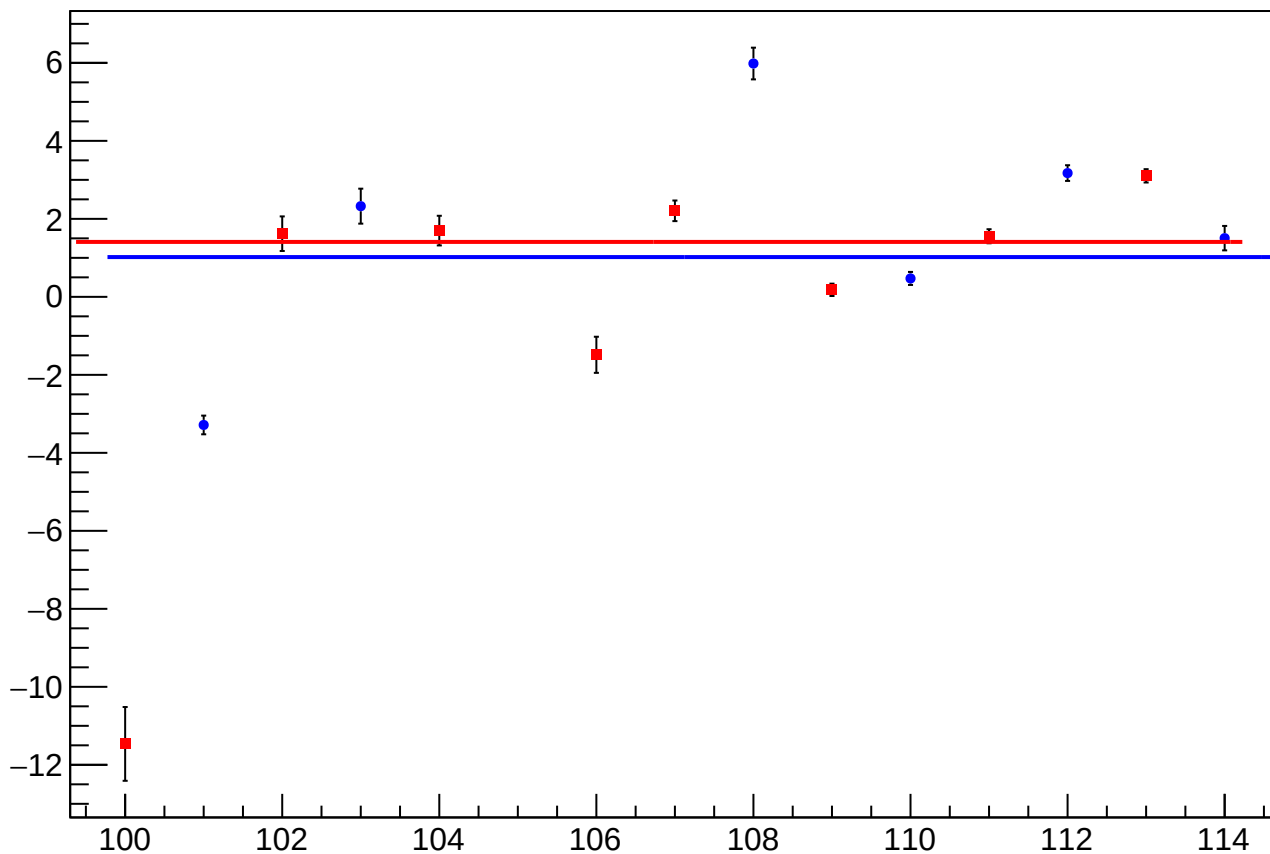
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.885 ± 0.044 $\chi^2/\text{NDF}: 77715.5/13$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 1.020 $\pm$ 0.100 χ^2 /NDF: 607.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.409 $\pm$ 0.085 χ^2 /NDF: 393.1/7

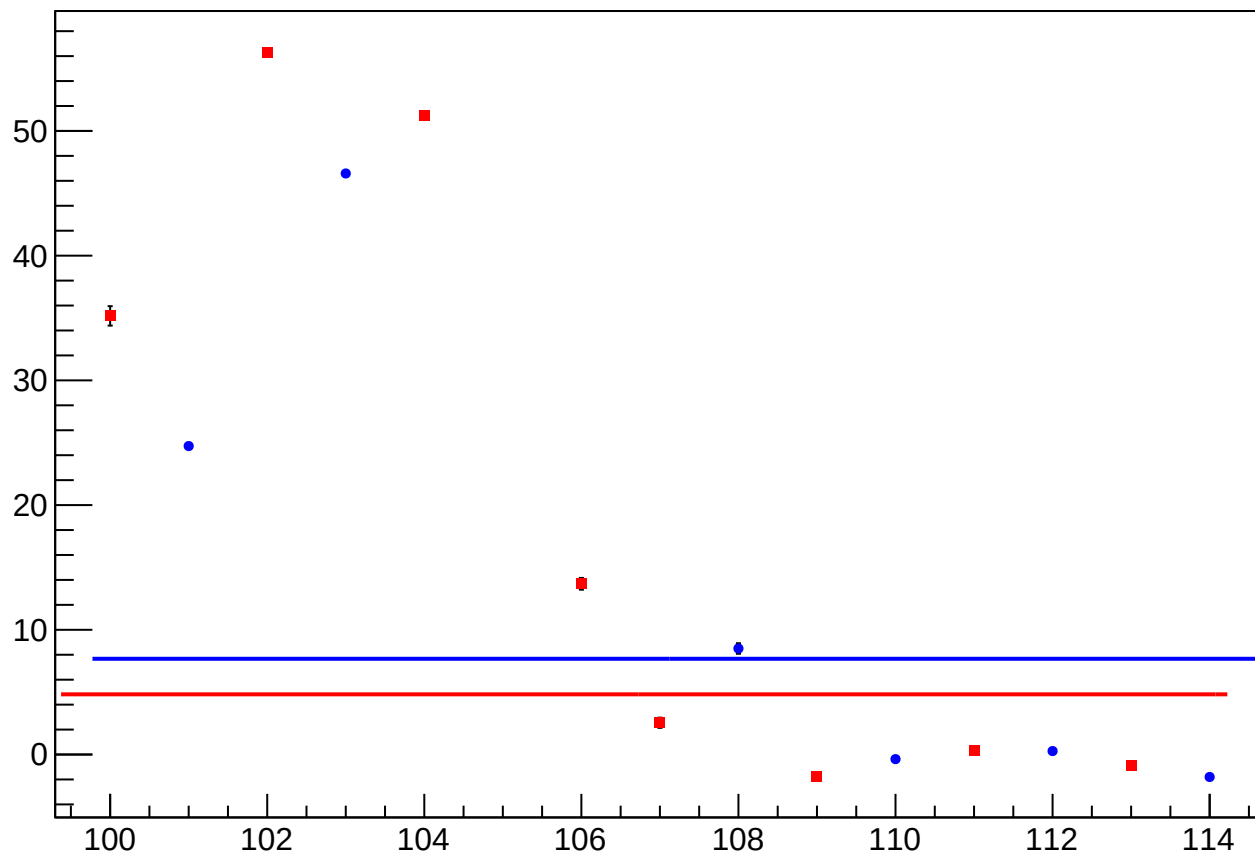
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.245 $\pm$ 0.065 χ^2 /NDF: 1009.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 7.676 $\pm$ 0.093 χ^2 /NDF: 24099.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.826 $\pm$ 0.077 χ^2 /NDF: 42839.1/7

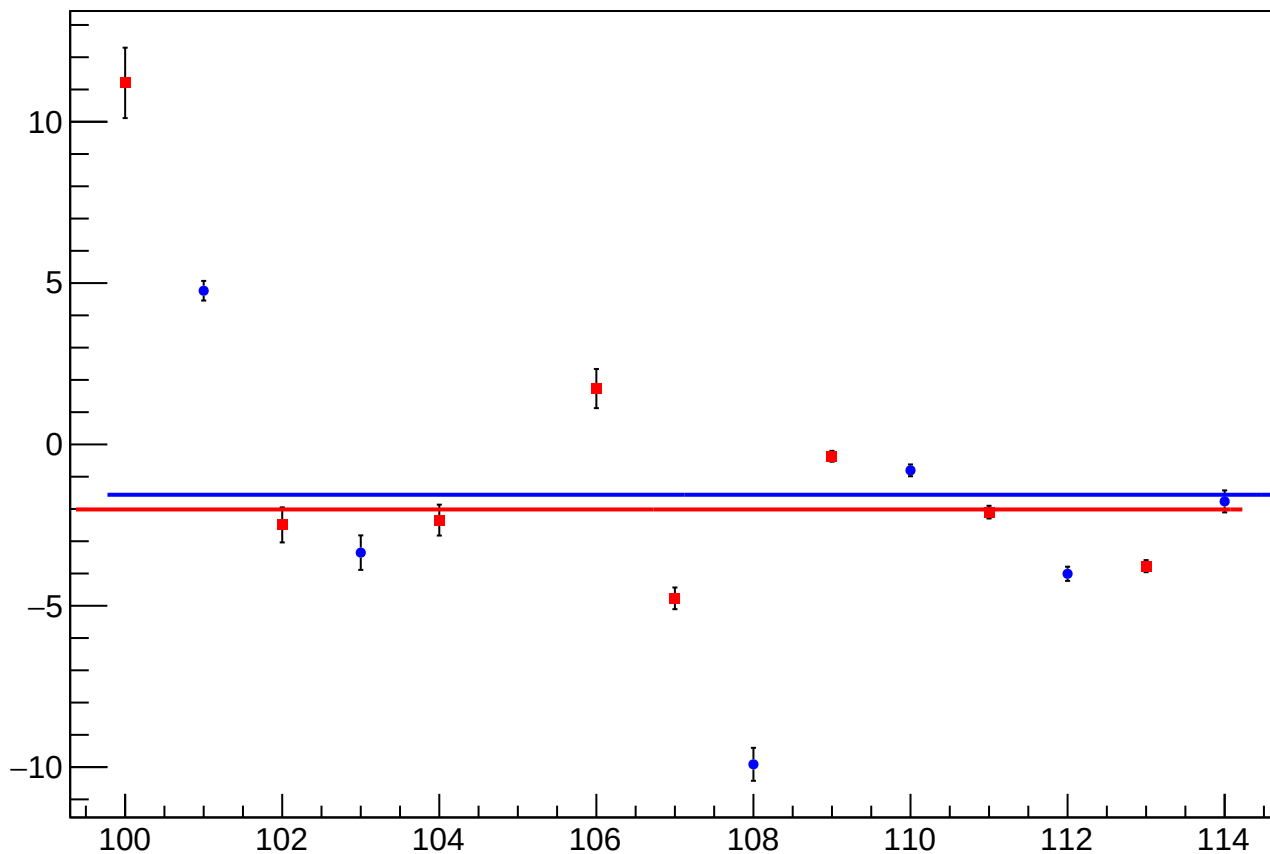
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.996 $\pm$ 0.059 χ^2 /NDF: 67498.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -1.560 ± 0.114 χ^2/NDF : 851.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.015 ± 0.095 χ^2/NDF : 437.9/7

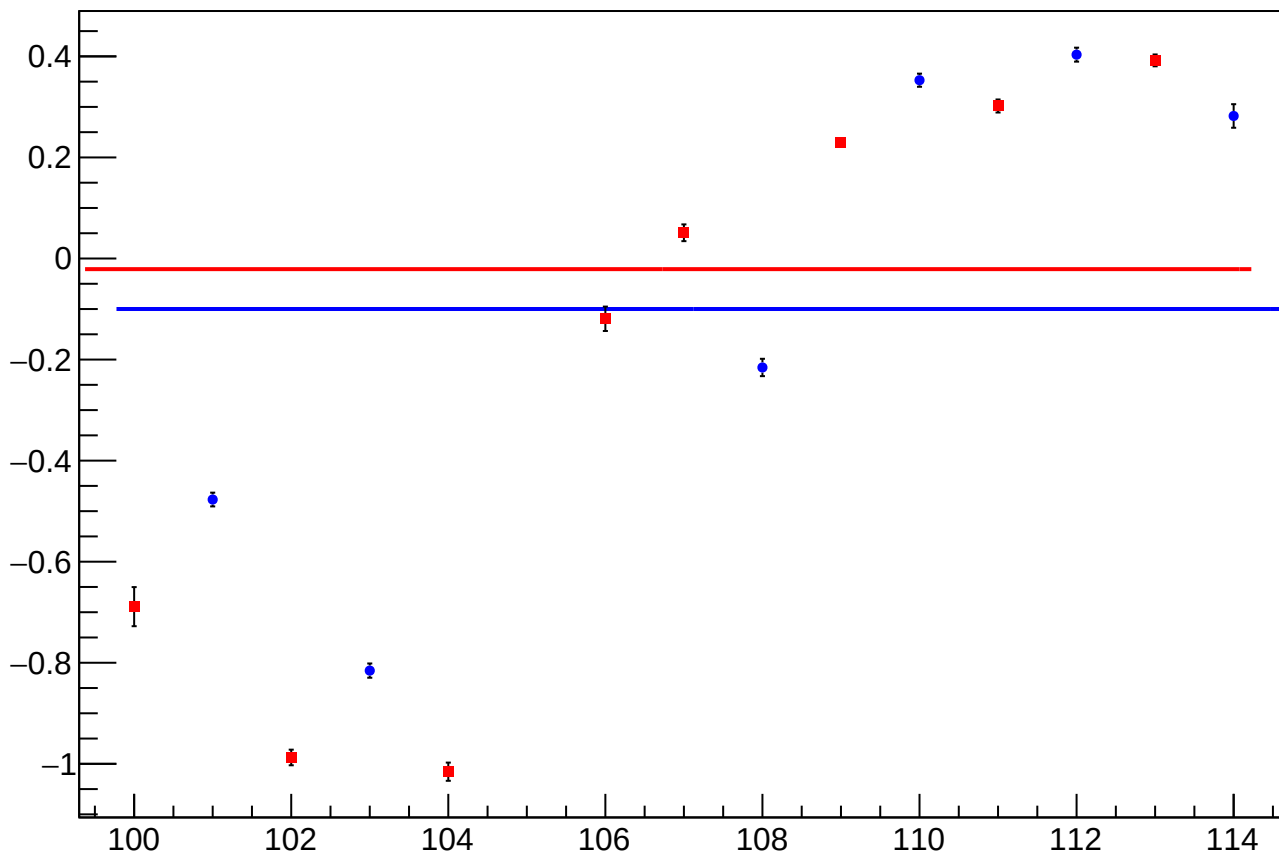
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.827 ± 0.073 χ^2/NDF : 1299.0/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.100 ± 0.006 χ^2/NDF : 6193.1/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.005 χ^2/NDF : 9787.3/7

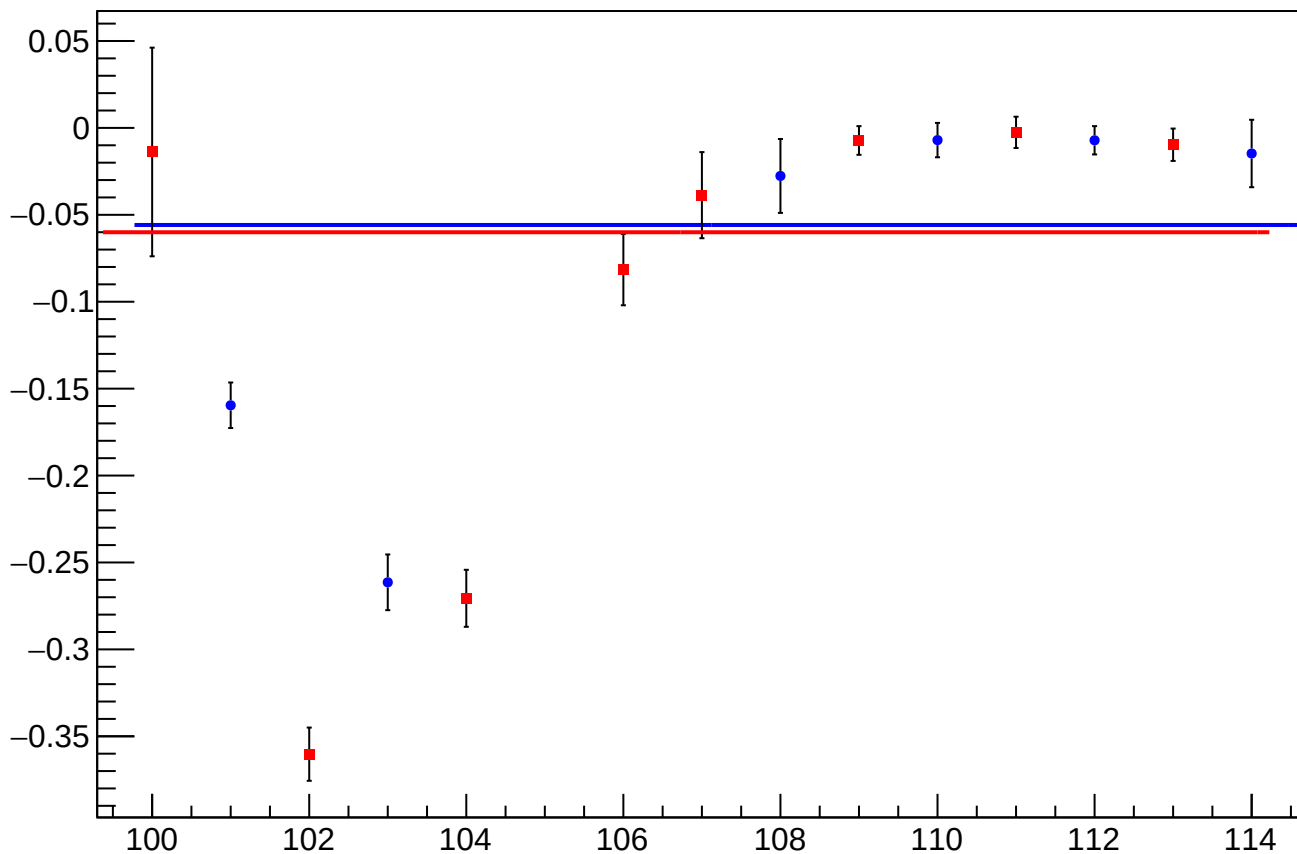
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.004 χ^2/NDF : 16076.7/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.056 ± 0.005 χ^2/NDF : 293.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.004 χ^2/NDF : 662.8/7

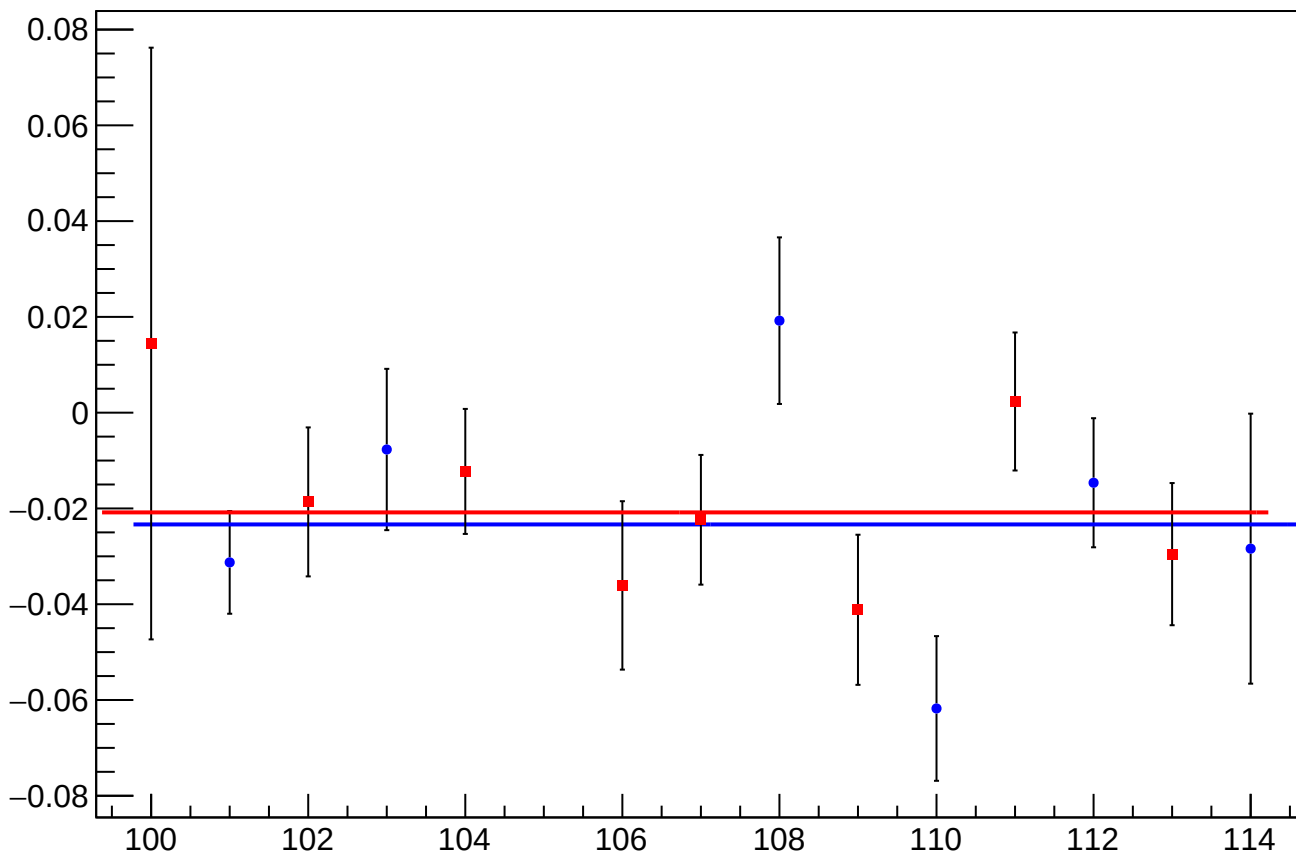
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.003 χ^2/NDF : 957.1/13

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.023 $\pm$ 0.006 χ^2 /NDF: 14.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.006 χ^2 /NDF: 6.2/7

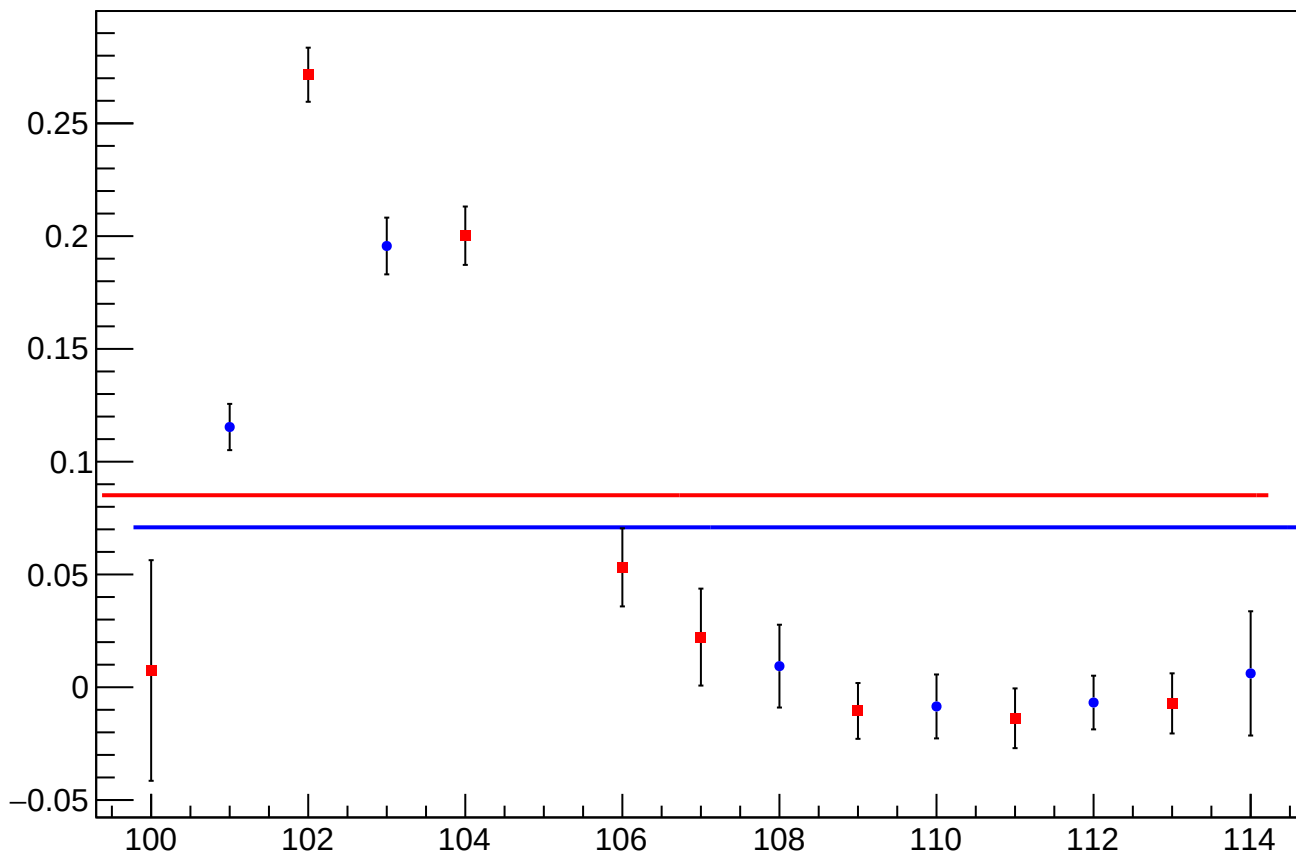
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.004 χ^2 /NDF: 20.6/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.071 $\pm$ 0.006 χ^2 /NDF: 208.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.085 $\pm$ 0.005 χ^2 /NDF: 498.6/7

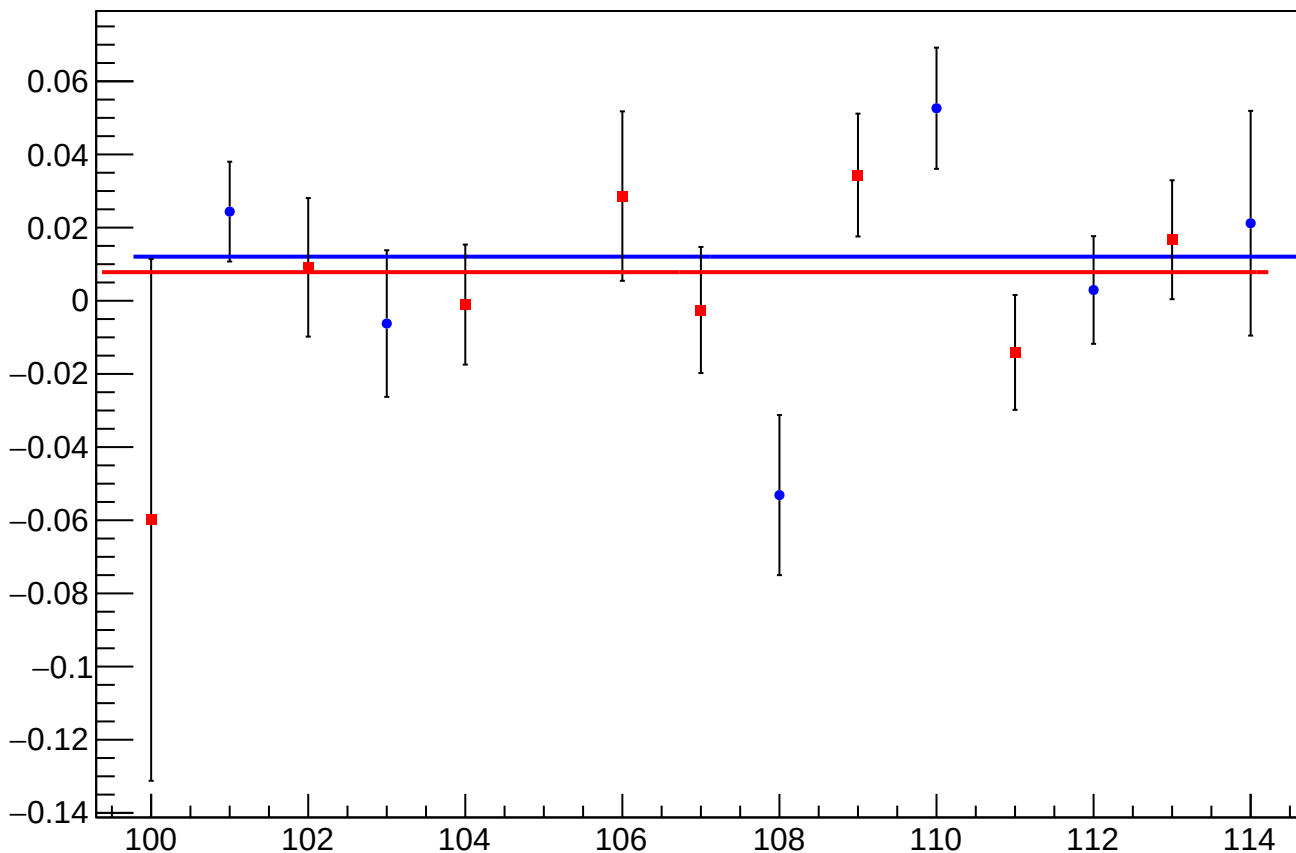
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.078 $\pm$ 0.004 χ^2 /NDF: 710.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.012 $\pm$ 0.007 χ^2 /NDF: 17.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.007 χ^2 /NDF: 7.1/7

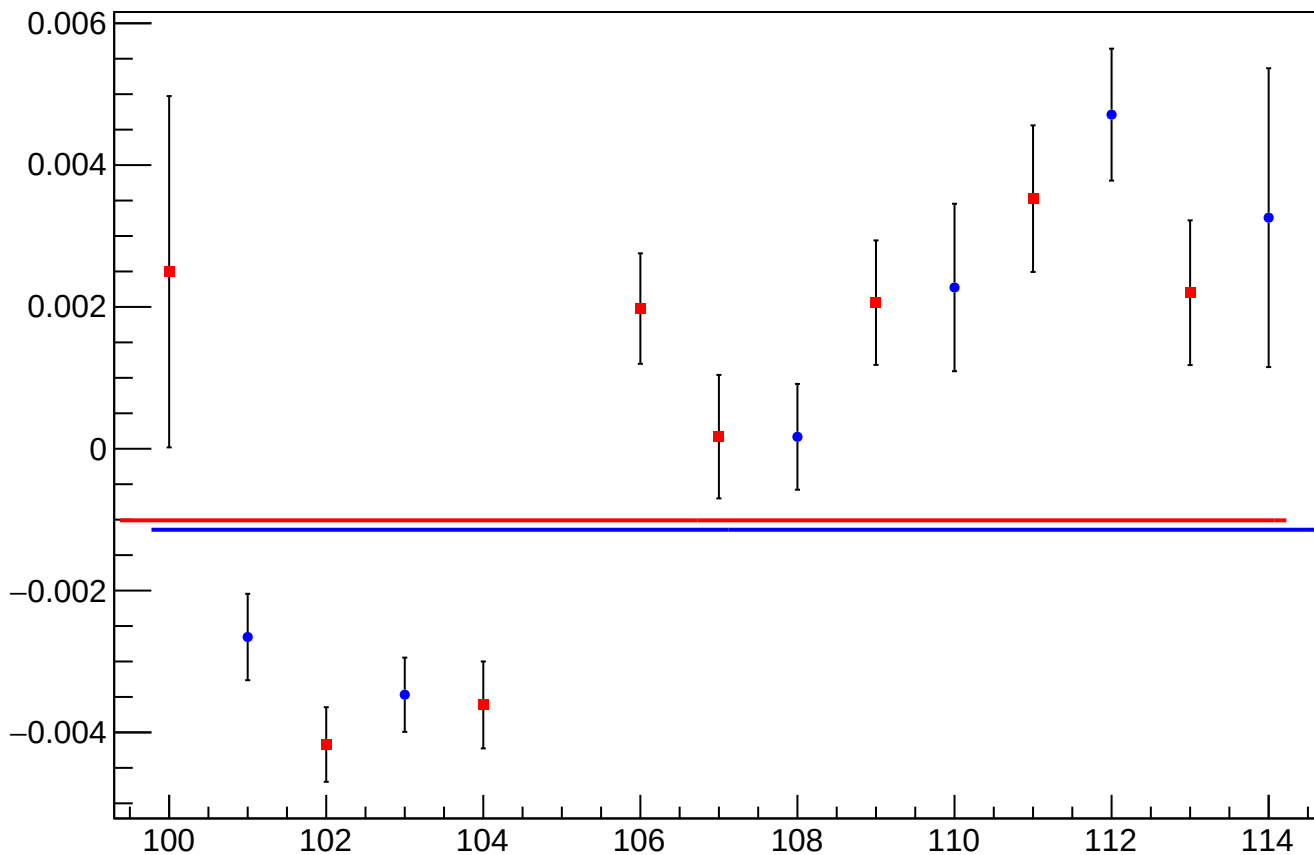
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.005 χ^2 /NDF: 24.3/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.001+/-0.000 χ^2/NDF : 81.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 114.1/7

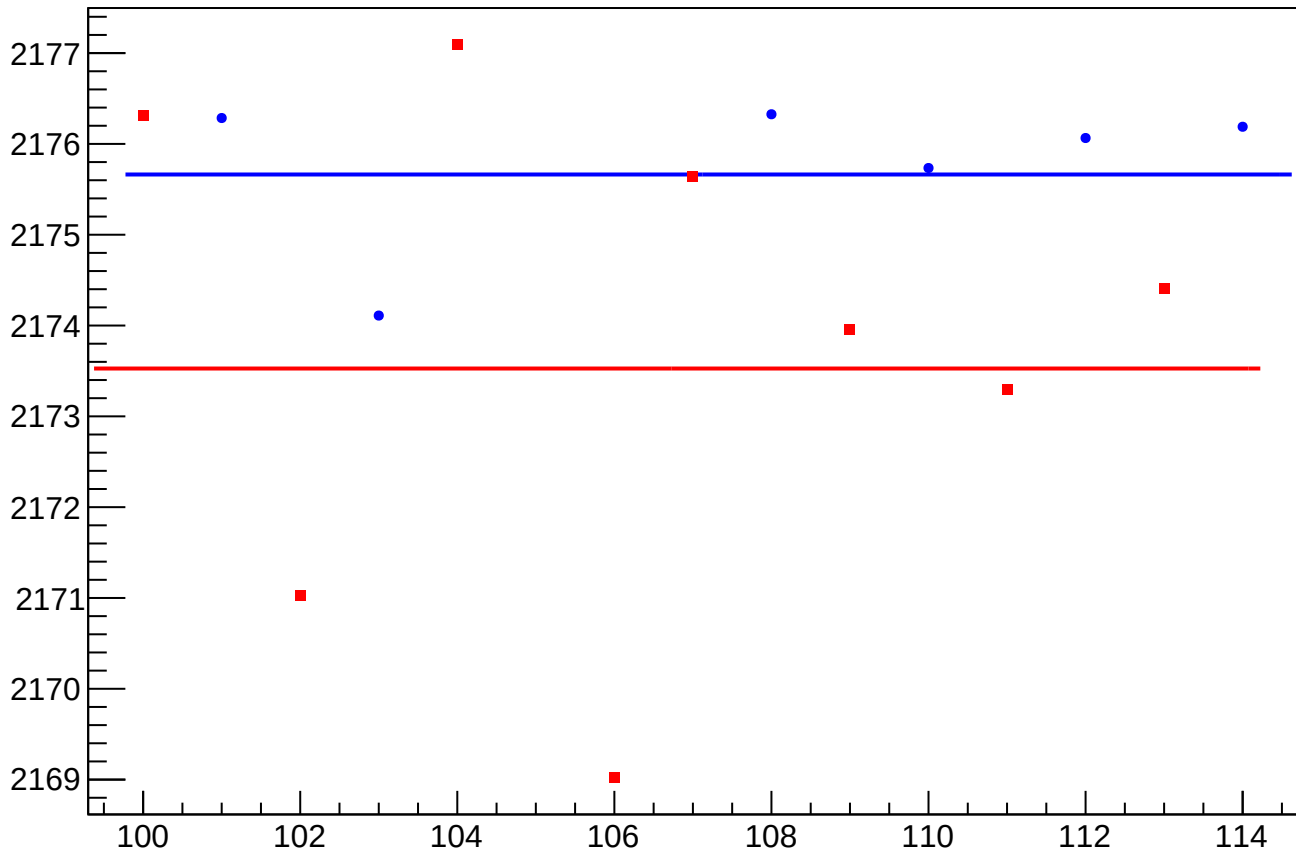
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 195.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.663 $\pm$ 0.000 χ^2 /NDF: 207263275030190914168299724996608.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

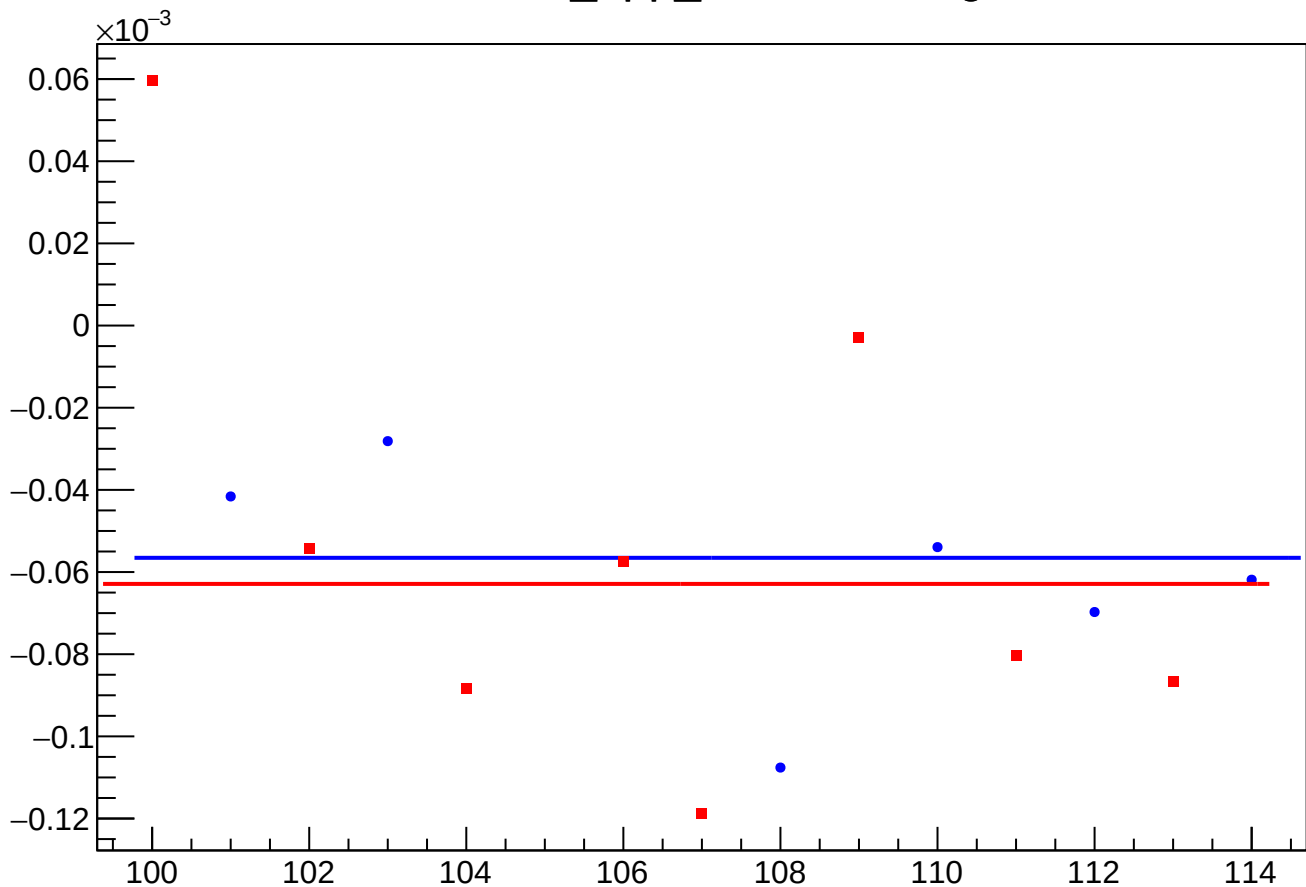
All: 2174.482 $\pm$ 0.000 χ^2 /NDF: 28869279025

Right Out: 2173.527 $\pm$ 0.000 χ^2 /NDF: 1995784978898265081523394771419136.0/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 182030410716881591730176.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

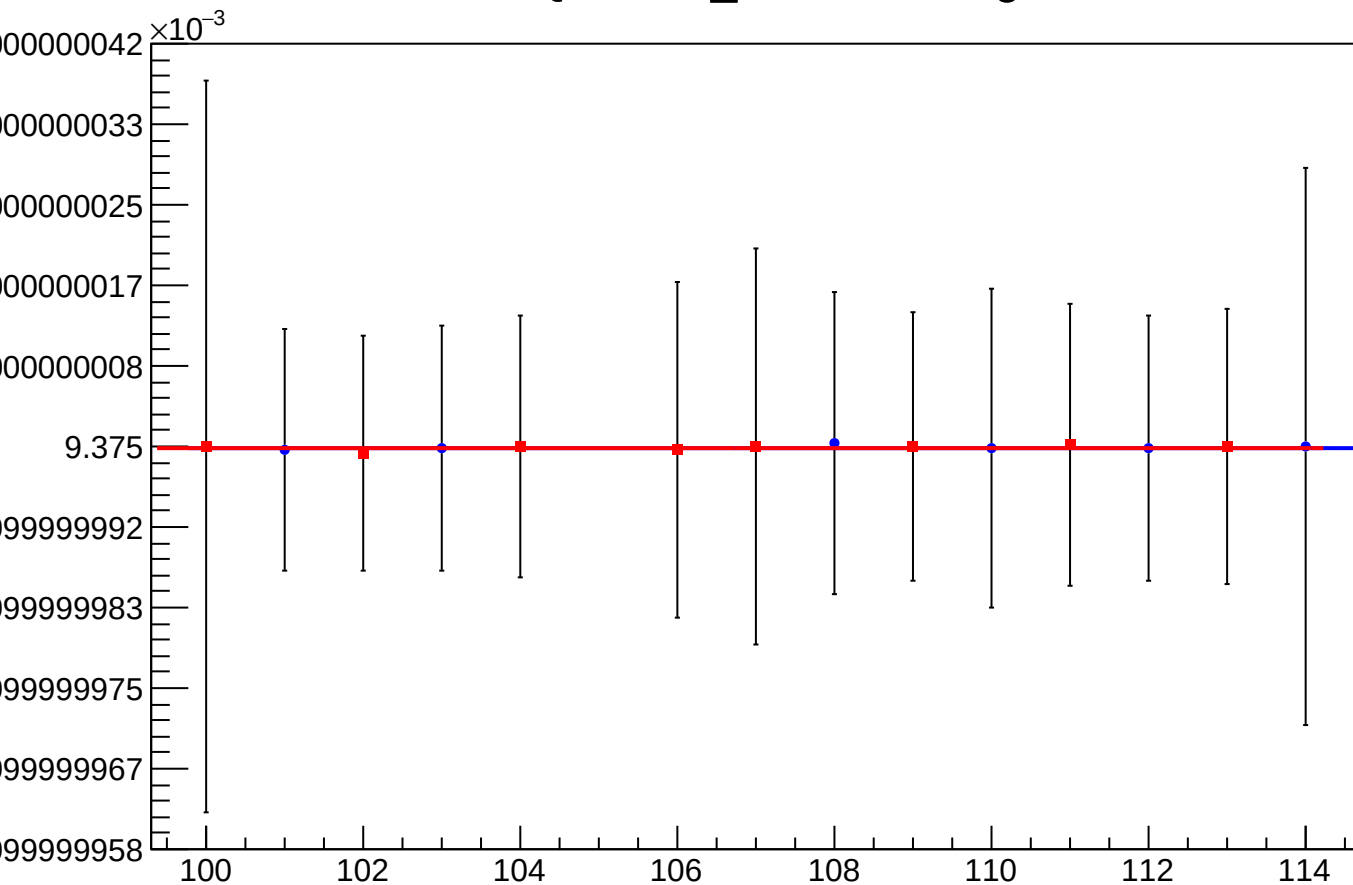
All: -0.000+/-0.000 χ^2/NDF : 6381030080027

Right Out: -0.000+/-0.000 χ^2/NDF : 450027678495972178001920.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ171LM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

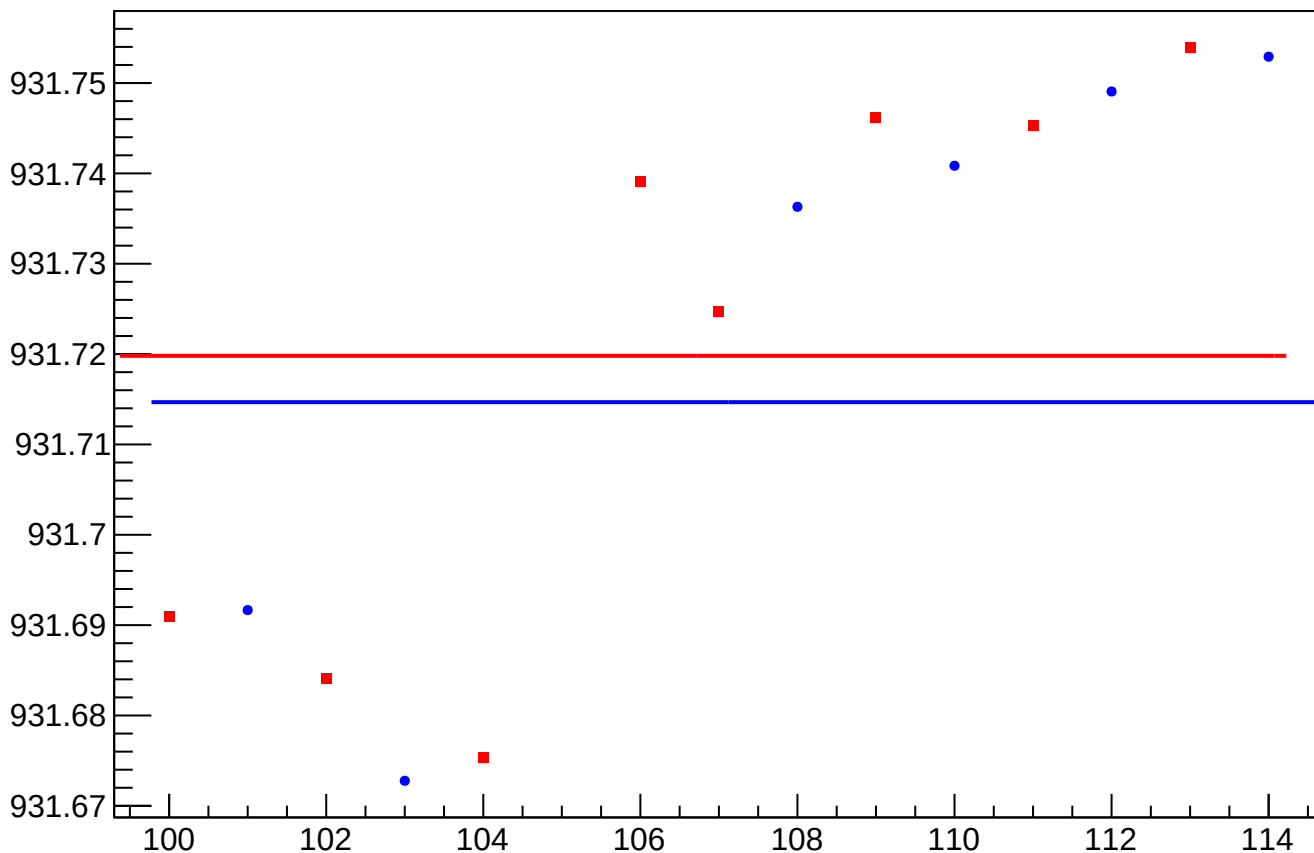
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.715+/-0.000 χ^2/NDF : 269788110630048883638618030080.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

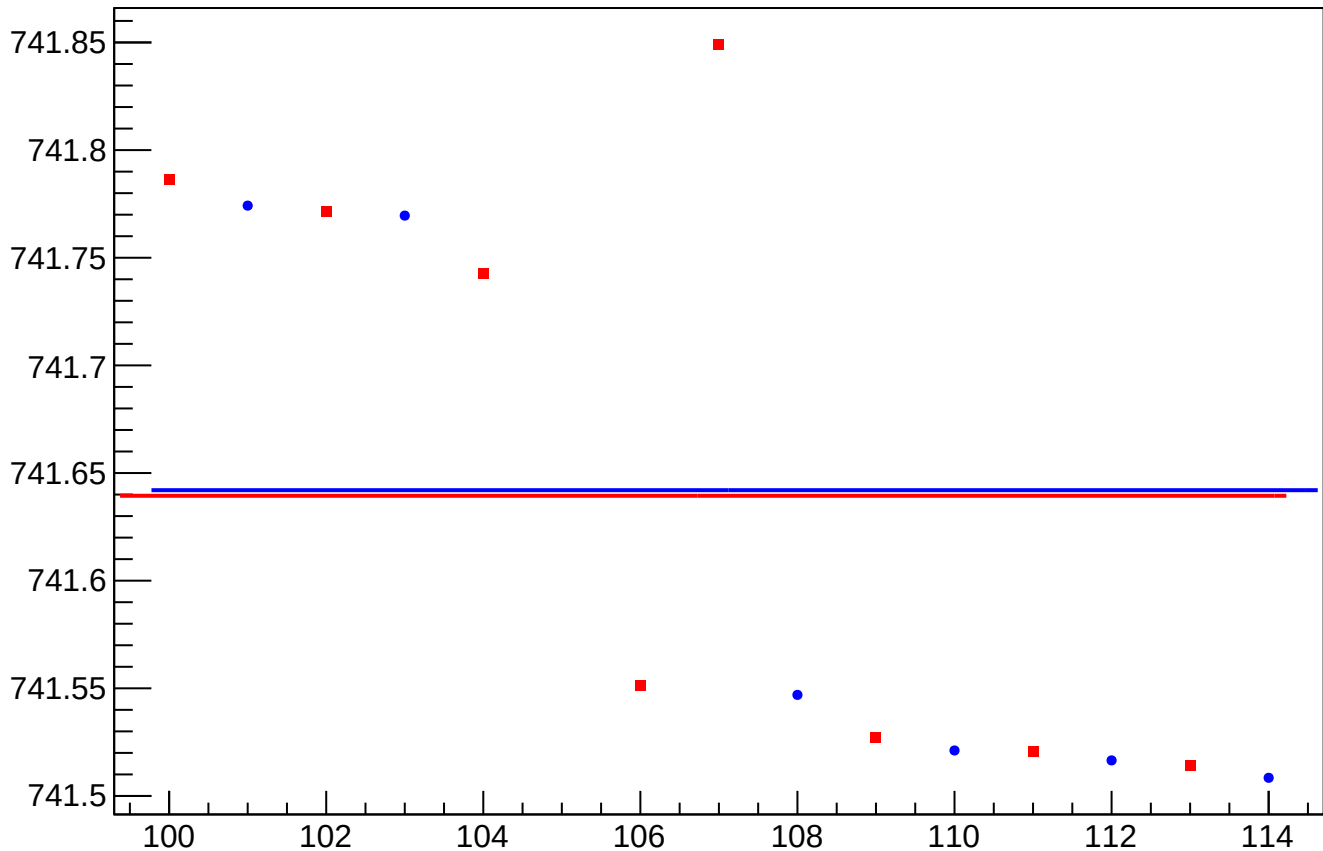
All: 931.718+/-0.000 χ^2/NDF : 6104725508240.0/7

Right Out: 931.720+/-0.000 χ^2/NDF : 336744129077892443579602698240.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.642+/-0.000 χ^2/NDF : 4120894206622483231203555016704.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

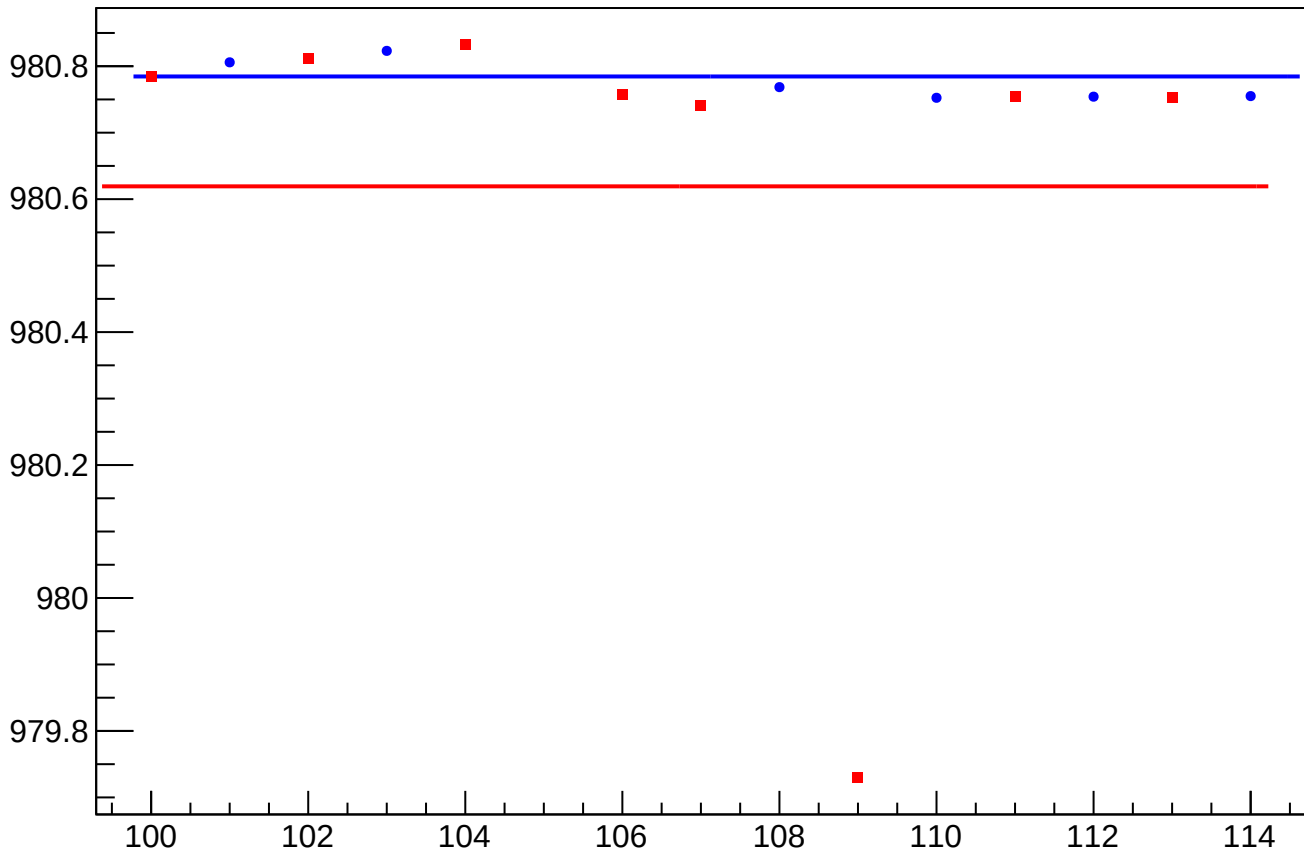
All: 741.641+/-0.000 χ^2/NDF : 944948836347

Right Out: 741.639+/-0.000 χ^2/NDF : 5327589903749929867222628433920.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.785+/-0.000 χ^2/NDF : 230878390918380605424546086912.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

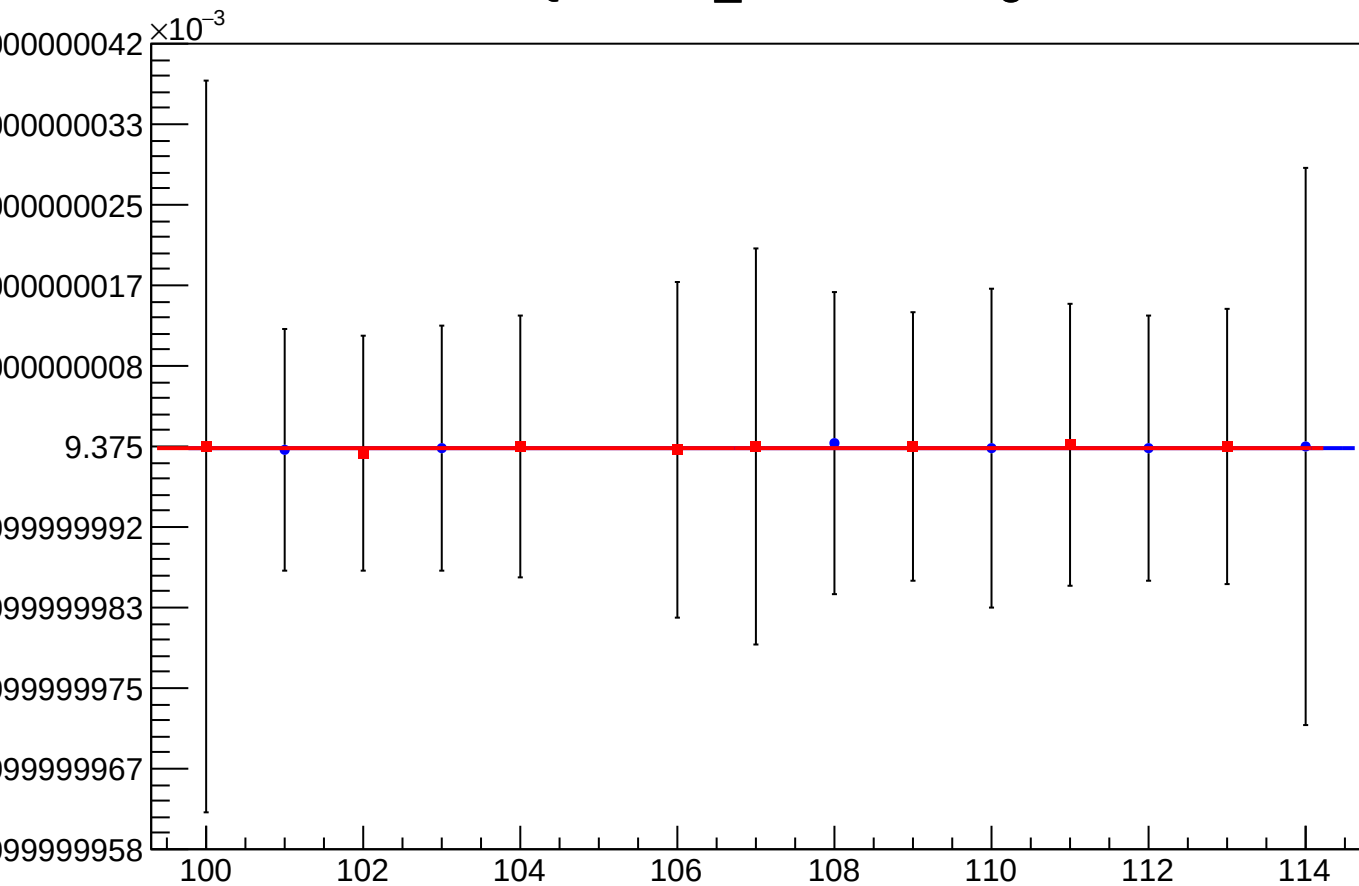
All: 980.693+/-0.000 χ^2/NDF : 53386904632

Right Out: 980.619+/-0.000 χ^2/NDF : 49062651953095220840055516954624.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ172RM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

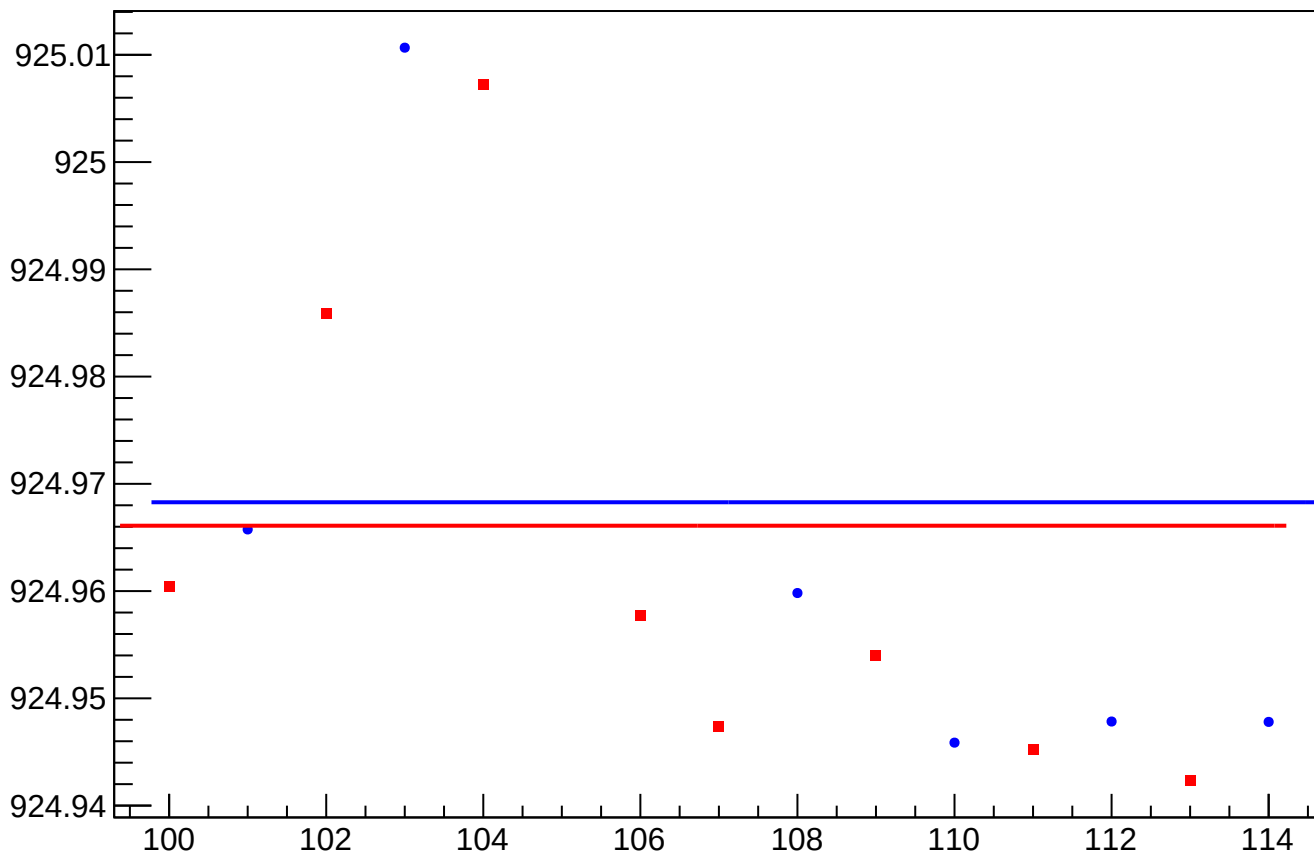
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.968+/-0.000 χ^2/NDF : 162304005365635460833967341568.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

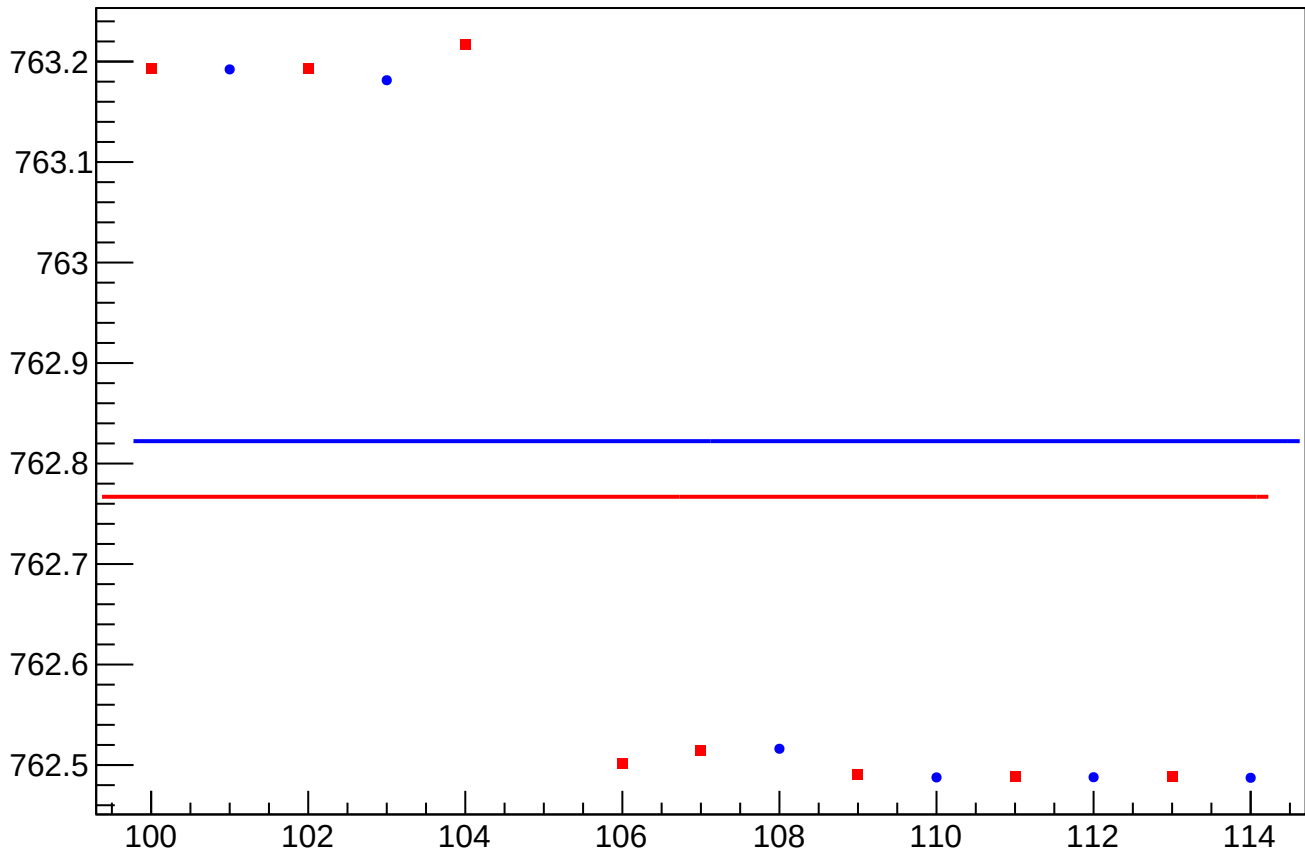
All: 924.967+/-0.000 χ^2/NDF : 34837707282

Right Out: 924.966+/-0.000 χ^2/NDF : 185356726336454545354260480000.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.822 $\pm$ 0.000 χ^2 /NDF: 32277833373007558304934012125184.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

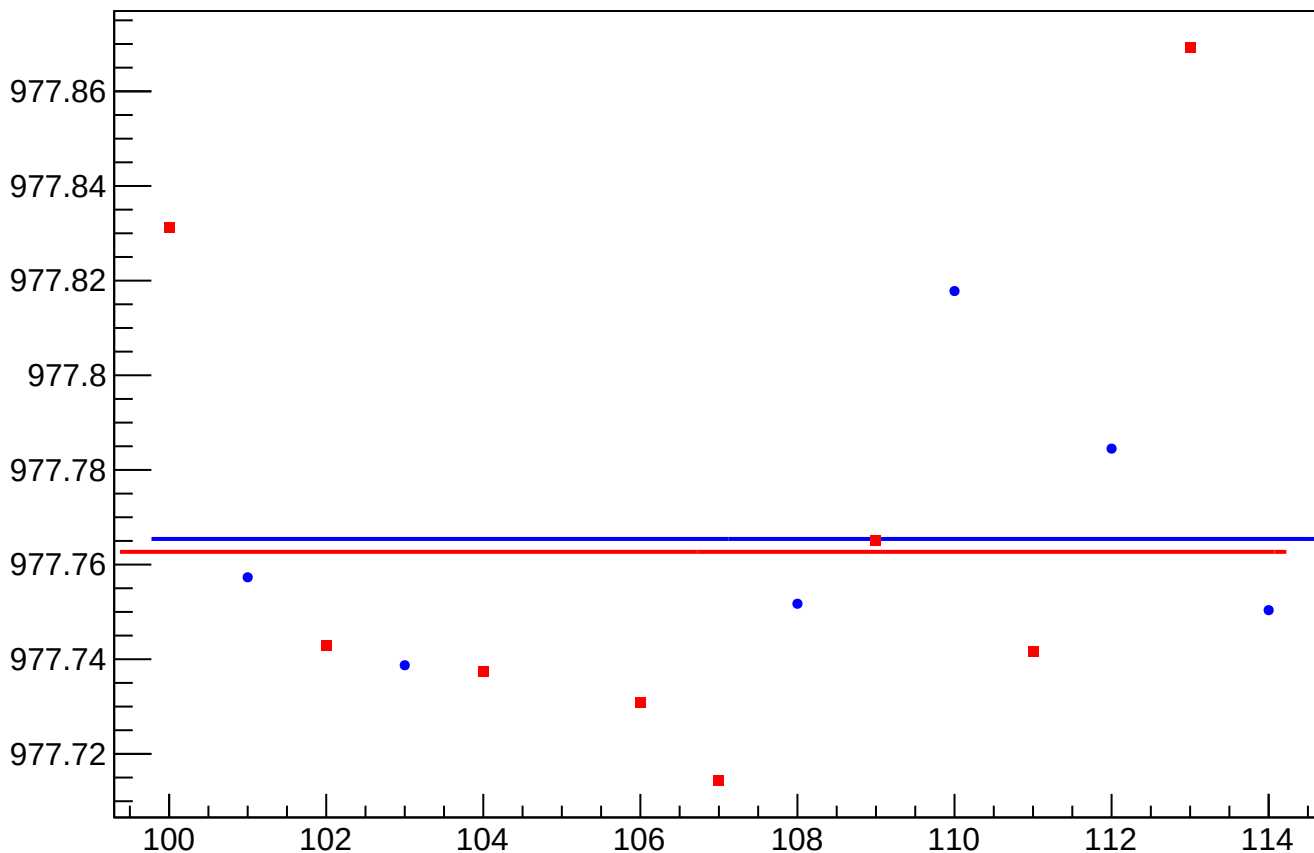
All: 762.792 $\pm$ 0.000 χ^2 /NDF: 726292141250

Right Out: 762.767 $\pm$ 0.000 χ^2 /NDF: 39892589428291339240384051019776.0/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.765+/-0.000 χ^2/NDF : 180351332729895681038665908224.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

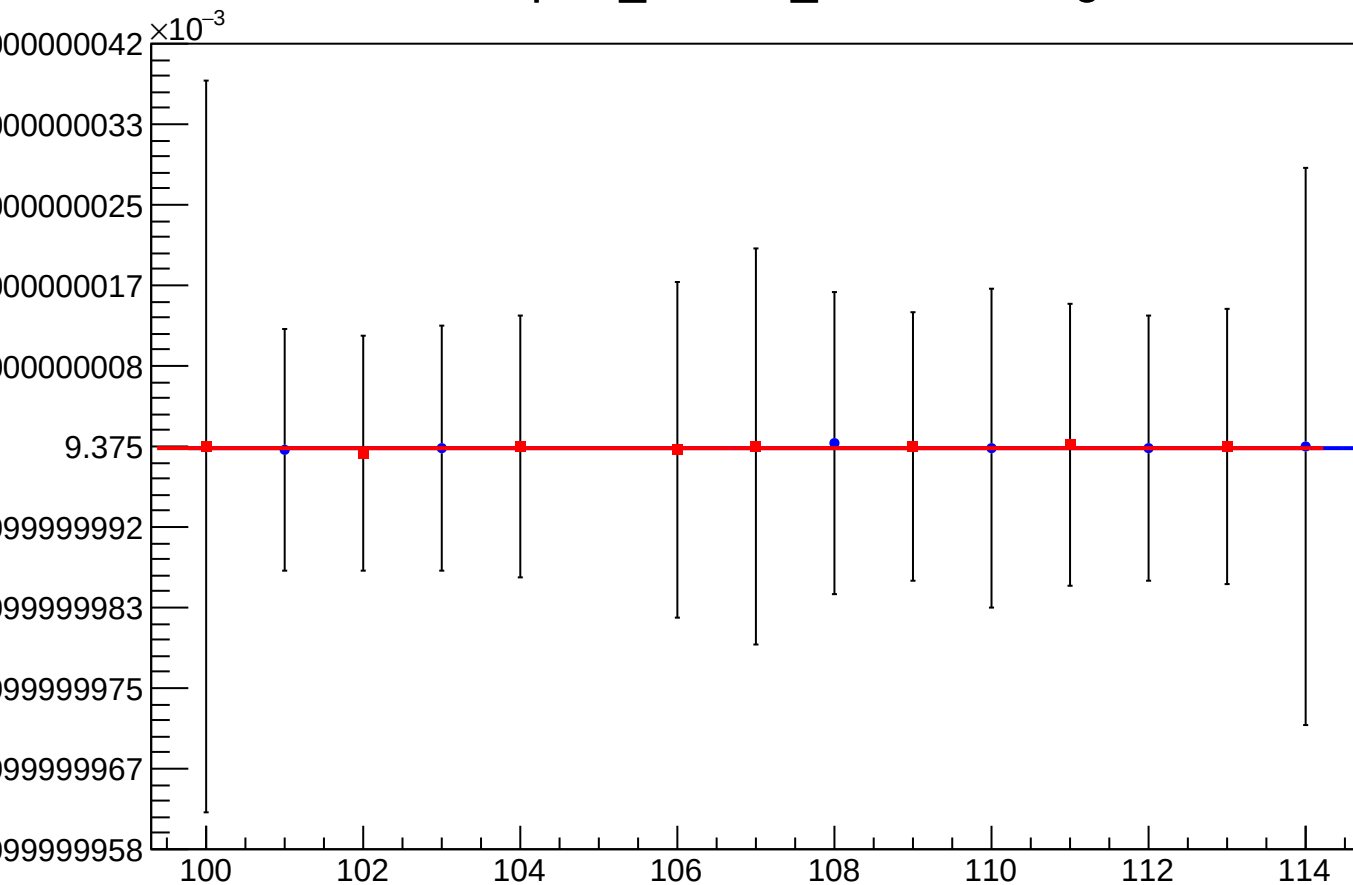
All: 977.764+/-0.000 χ^2/NDF : 954292958083

Right Out: 977.763+/-0.000 χ^2/NDF : 772830583373830470493322346496.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

hesDipole_current_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

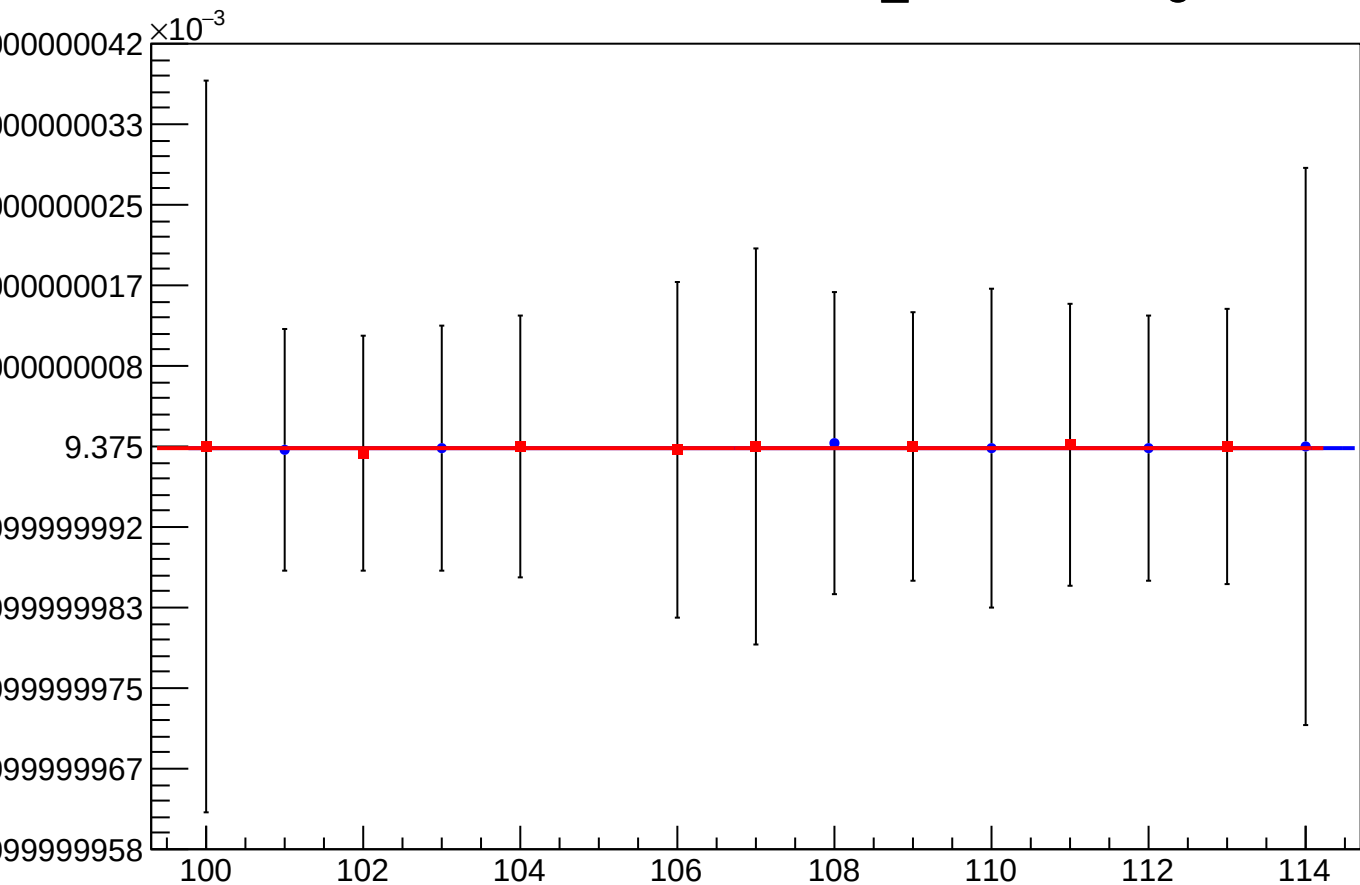
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

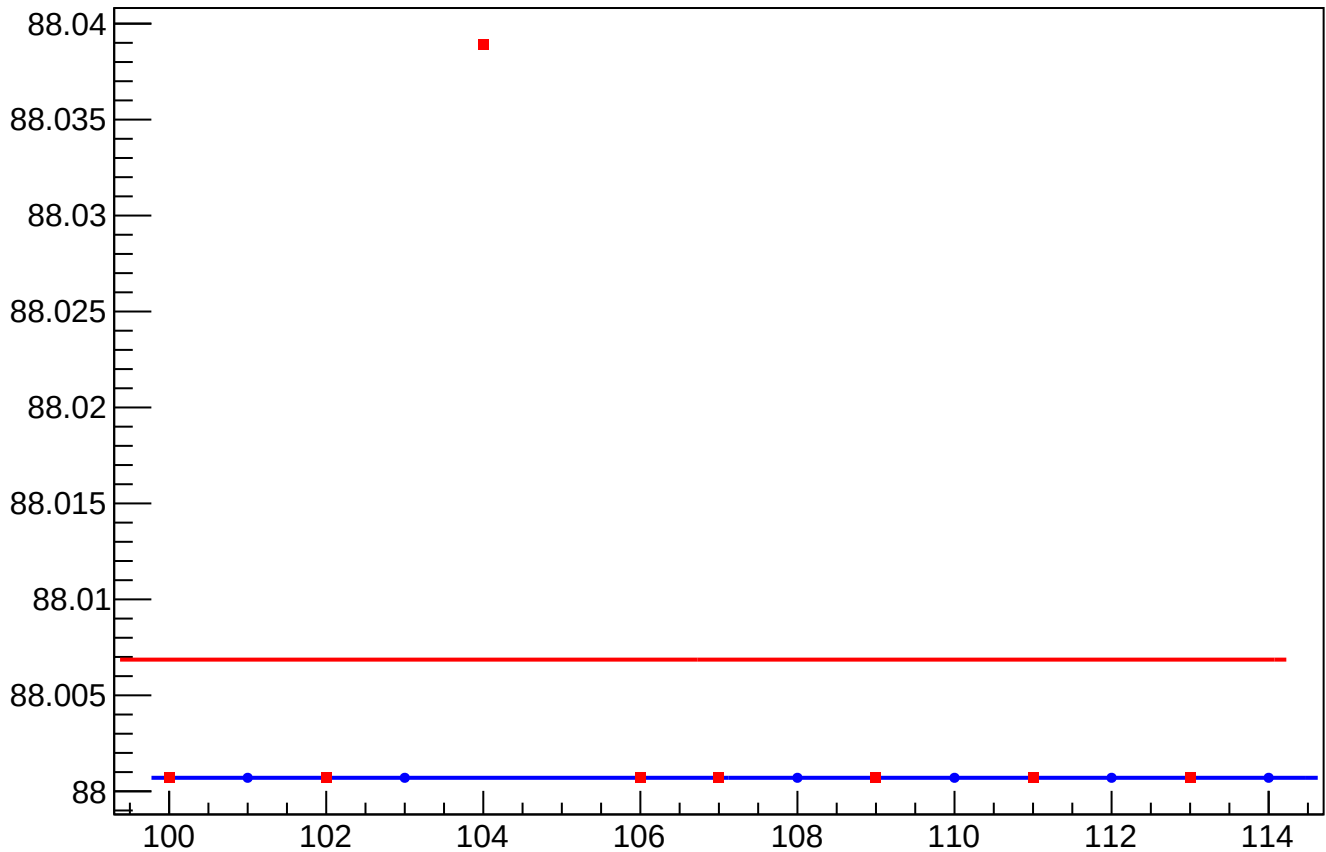
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 513150.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.007 $\pm$ 0.000 χ^2 /NDF: 66101514086337232209702813696.0/7

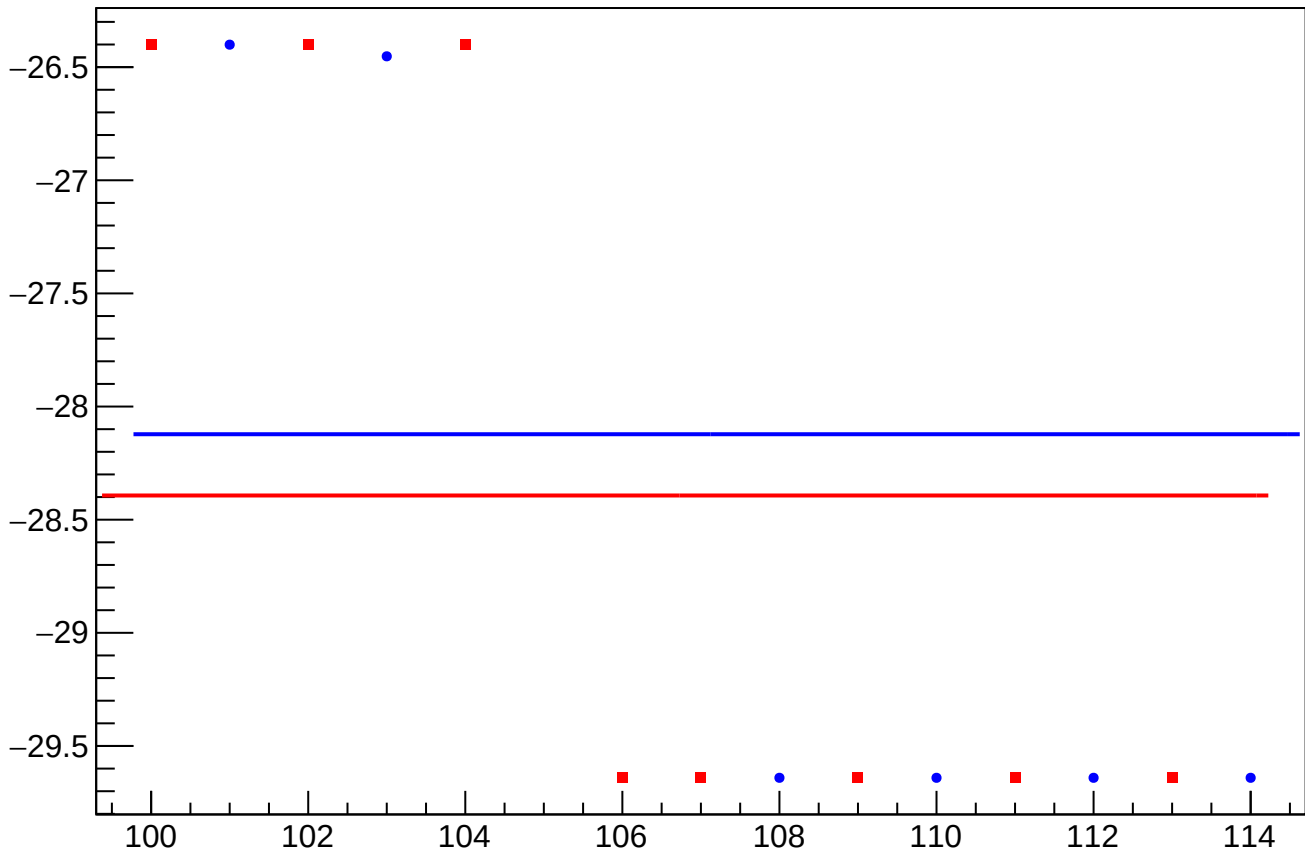
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.004 $\pm$ 0.000 χ^2 /NDF: 7178213114904

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HWienAngle_mean vs Slug



Right In: -28.122+/-0.000 χ^2/NDF : 698082714180302628522594148548608.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

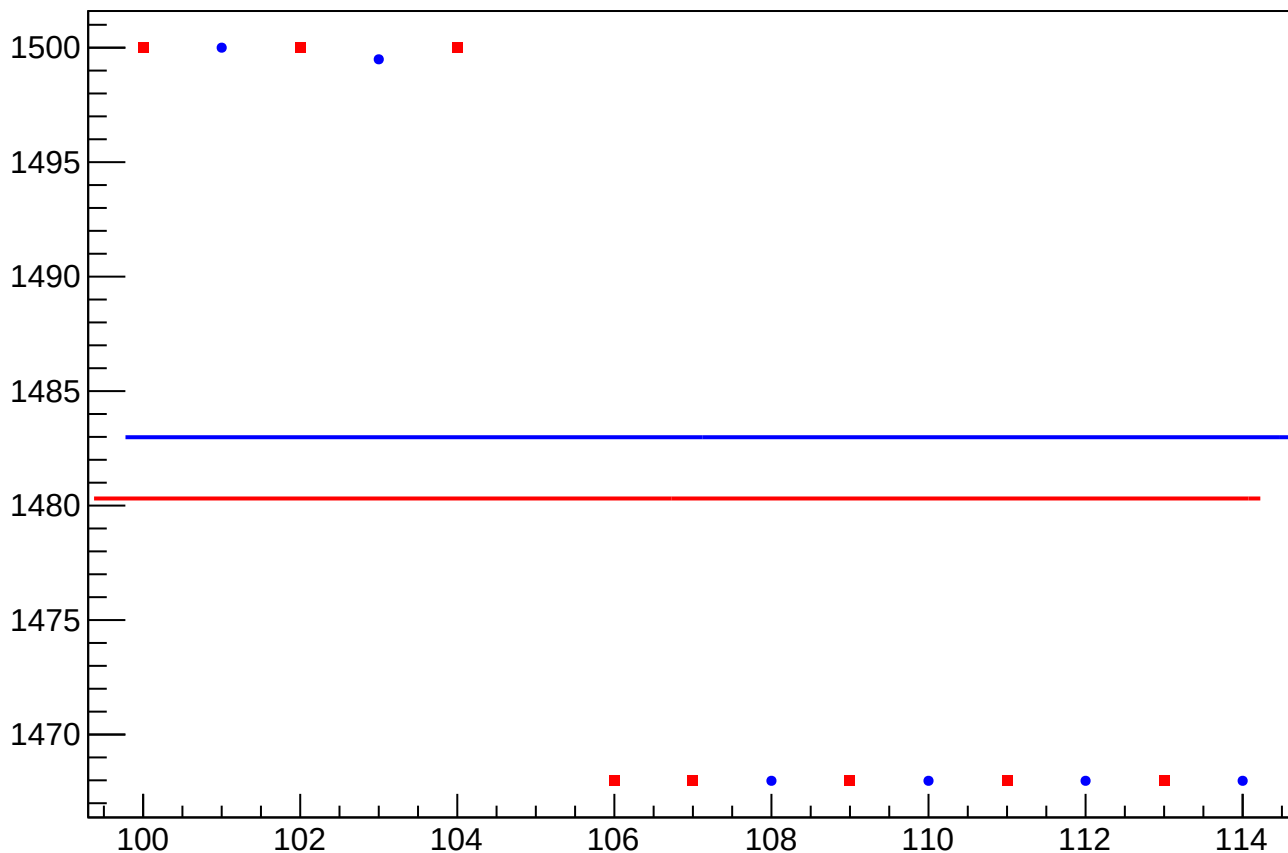
All: -28.272+/-0.000 χ^2/NDF : 154178942461

Right Out: -28.393+/-0.000 χ^2/NDF : 832726037014940406765567858442240.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

psub_pl_pos_mean vs Slug



Right In: 1482.986+/-0.000 χ^2/NDF : 68186384746954987530144152863899648.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

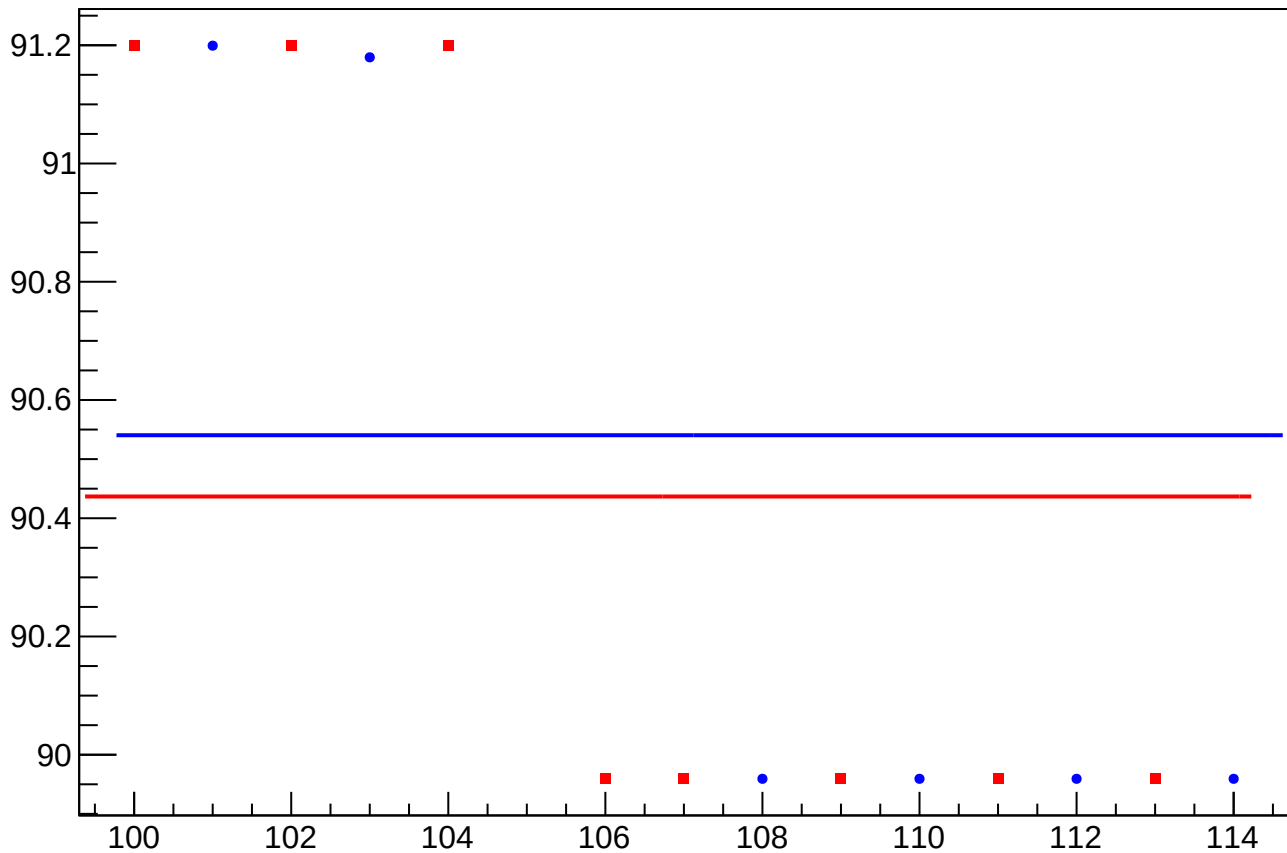
All: 1481.506+/-0.000 χ^2/NDF : 15059683440

Right Out: 1480.310+/-0.000 χ^2/NDF : 81337894199804491549354544450240512.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Phi_FG_mean vs Slug



Right In: 90.540+/-0.000 χ^2/NDF : 102249274245893694825419111399424.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

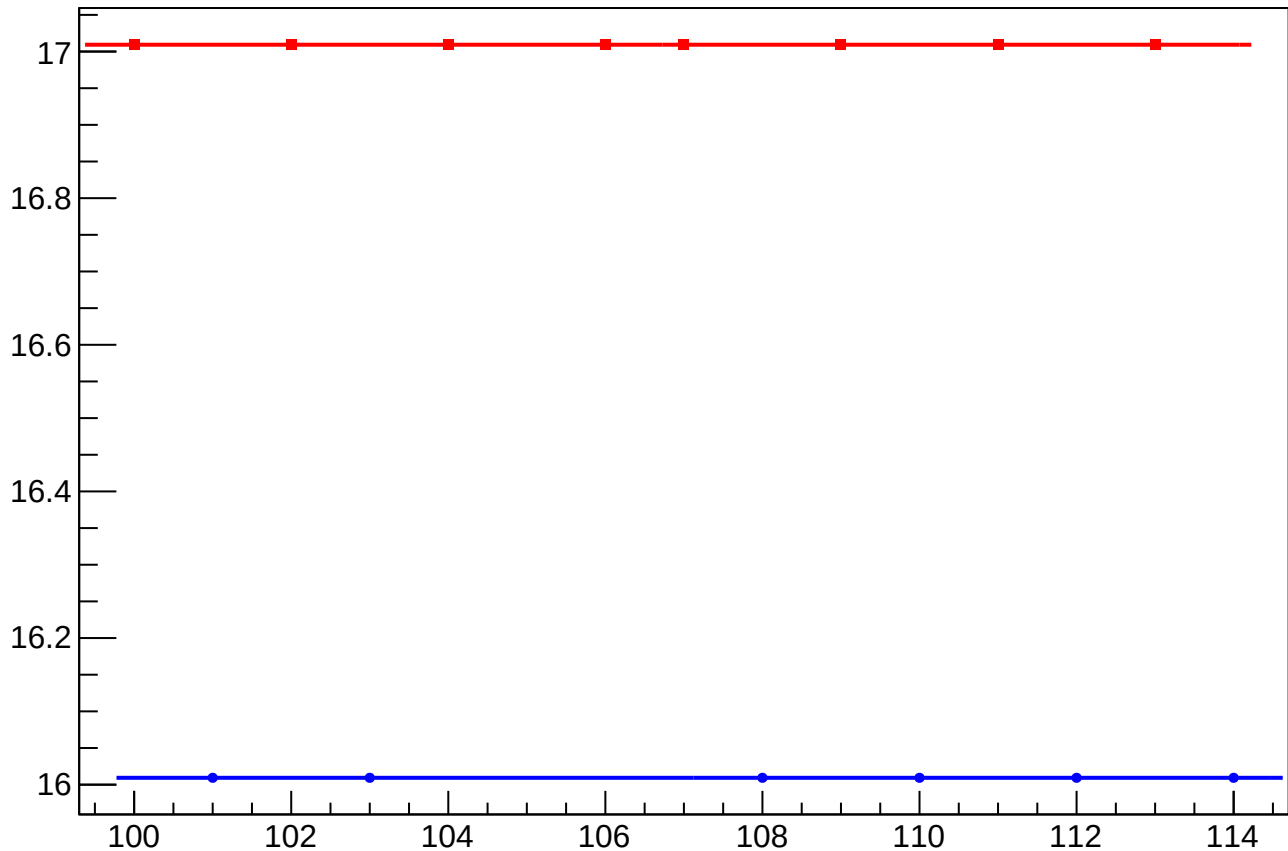
All: 90.483+/-0.000 χ^2/NDF : 2258283245010

Right Out: 90.437+/-0.000 χ^2/NDF : 121970693731356847697507861397504.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2/NDF : 21179.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

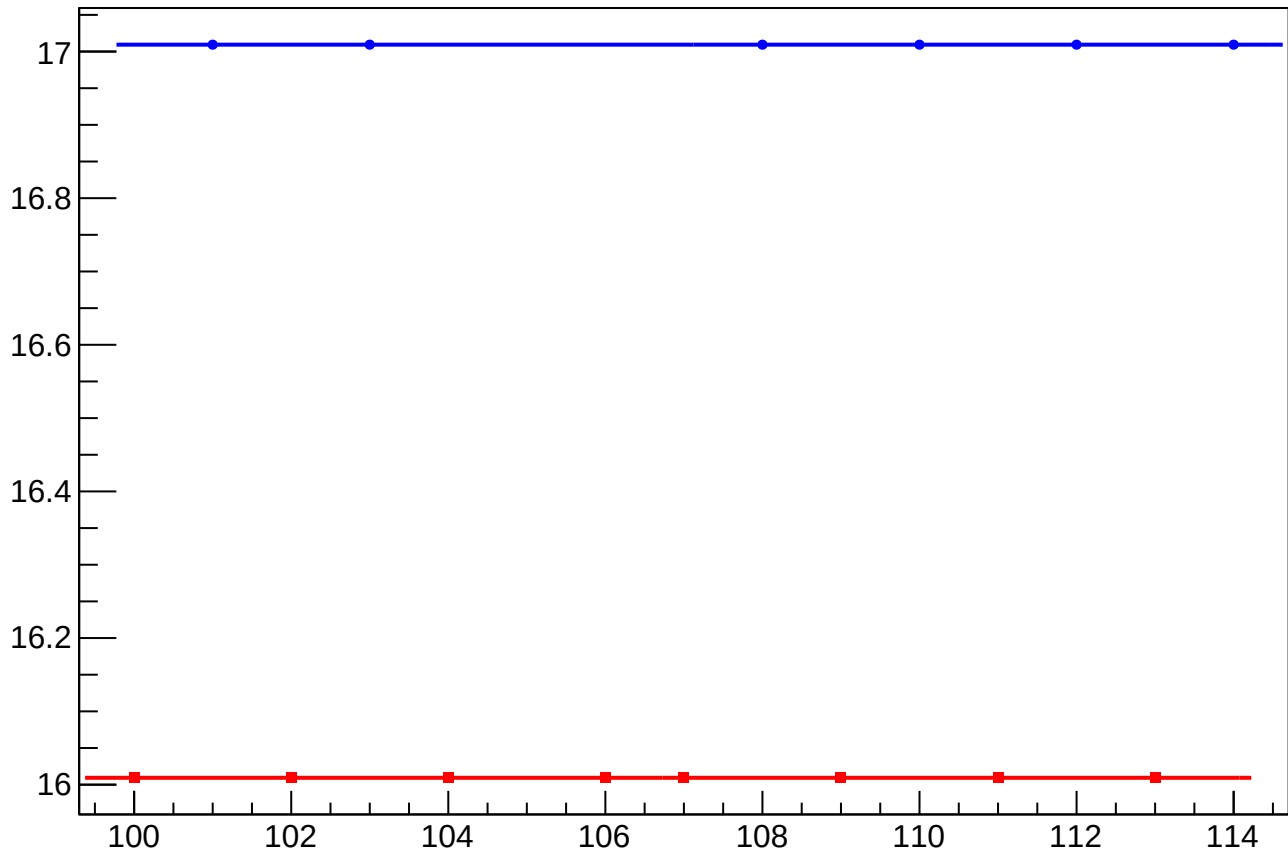
Right Out: 17.009 $\pm$ 0.000 χ^2/NDF : 3205154758541071406333952.0/7

All: 16.534 $\pm$ 0.000 χ^2/NDF : 1421368295191

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

IGL1I00OD16_16_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 25142.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 24978.5/7

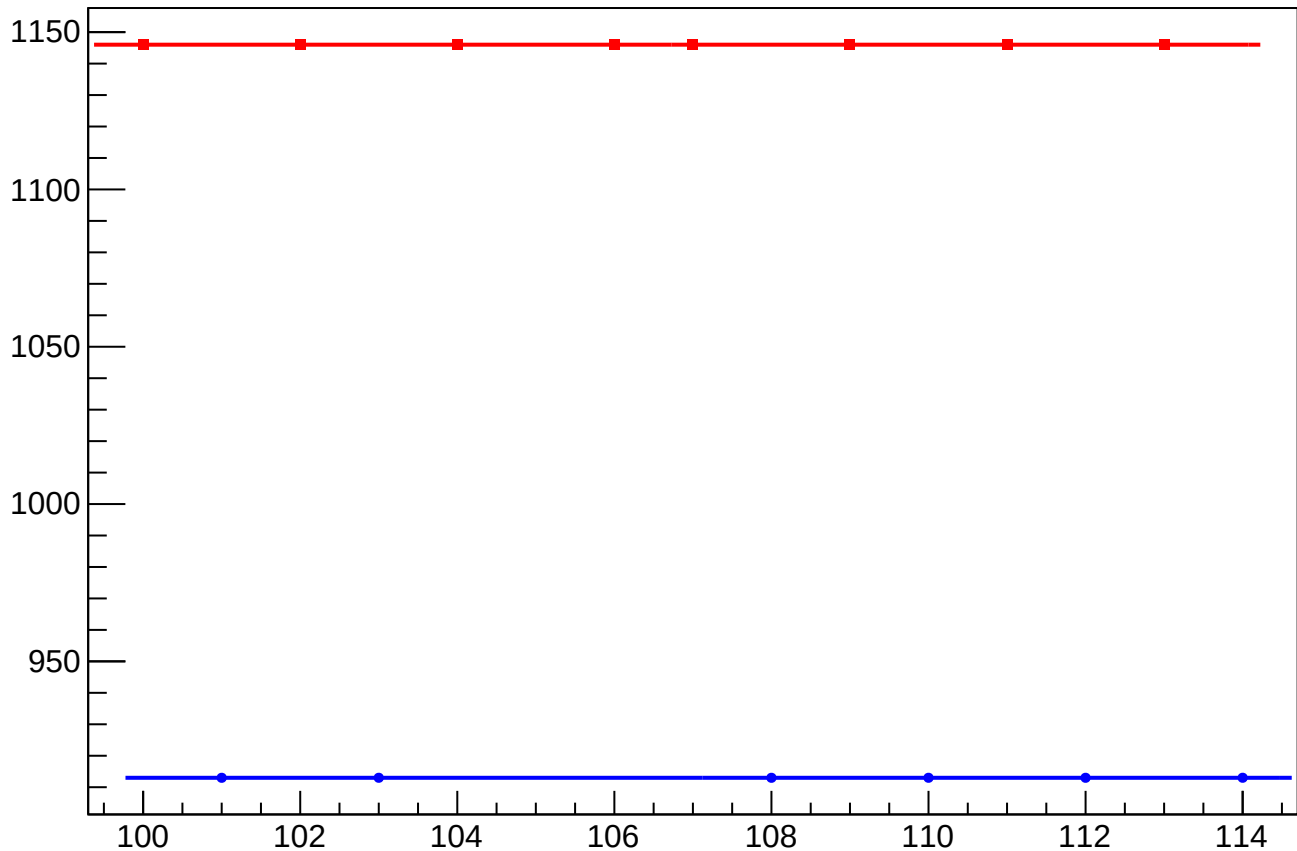
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.427 $\pm$ 0.000 χ^2 /NDF: 1381109154929

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 2841750960724547901828628480.0/5

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

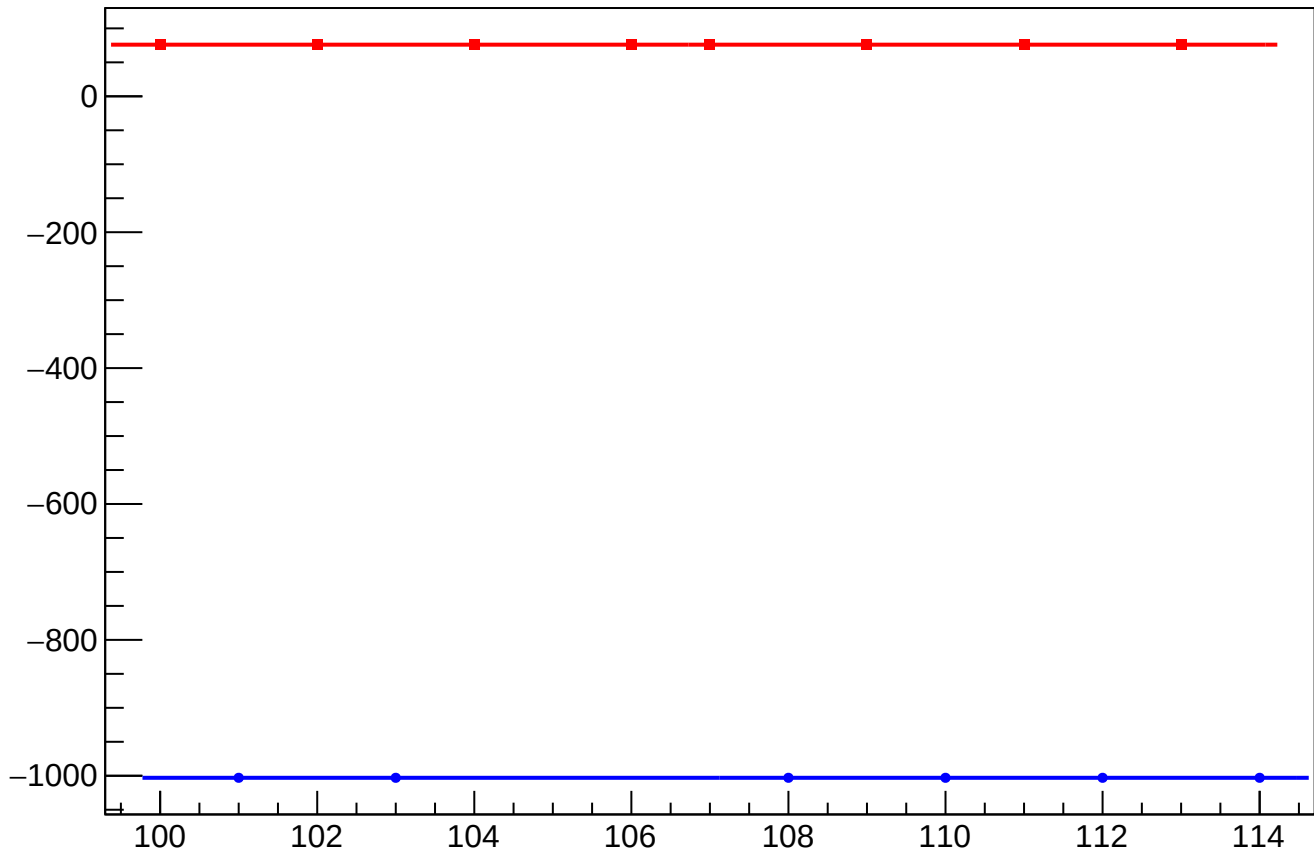
All: 1041.806 $\pm$ 0.000 χ^2 /NDF: 81341502497

Right Out: 1146.010 $\pm$ 0.000 χ^2 /NDF: 641431959100112586703634432.0/7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSVCNT_mean vs Slug



Right In: -1002.989+/-0.000 χ^2/NDF : 1202775512430924094597234688.0/5

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

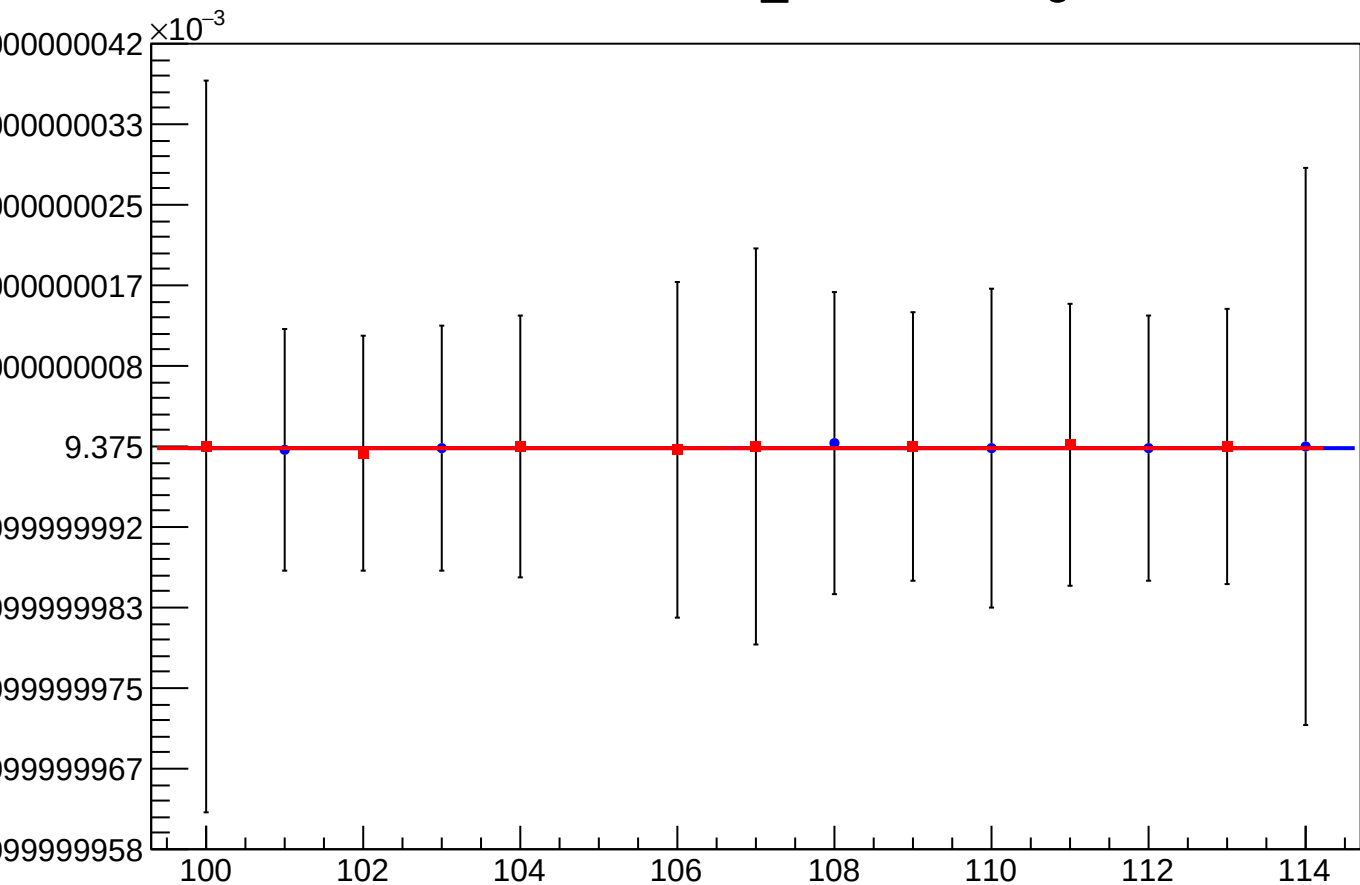
All: -406.513+/-0.000 χ^2/NDF : 17441475401

Right Out: 76.009+/-0.000 χ^2/NDF : 3446846543026368762871808.0/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPPITA1CNT_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

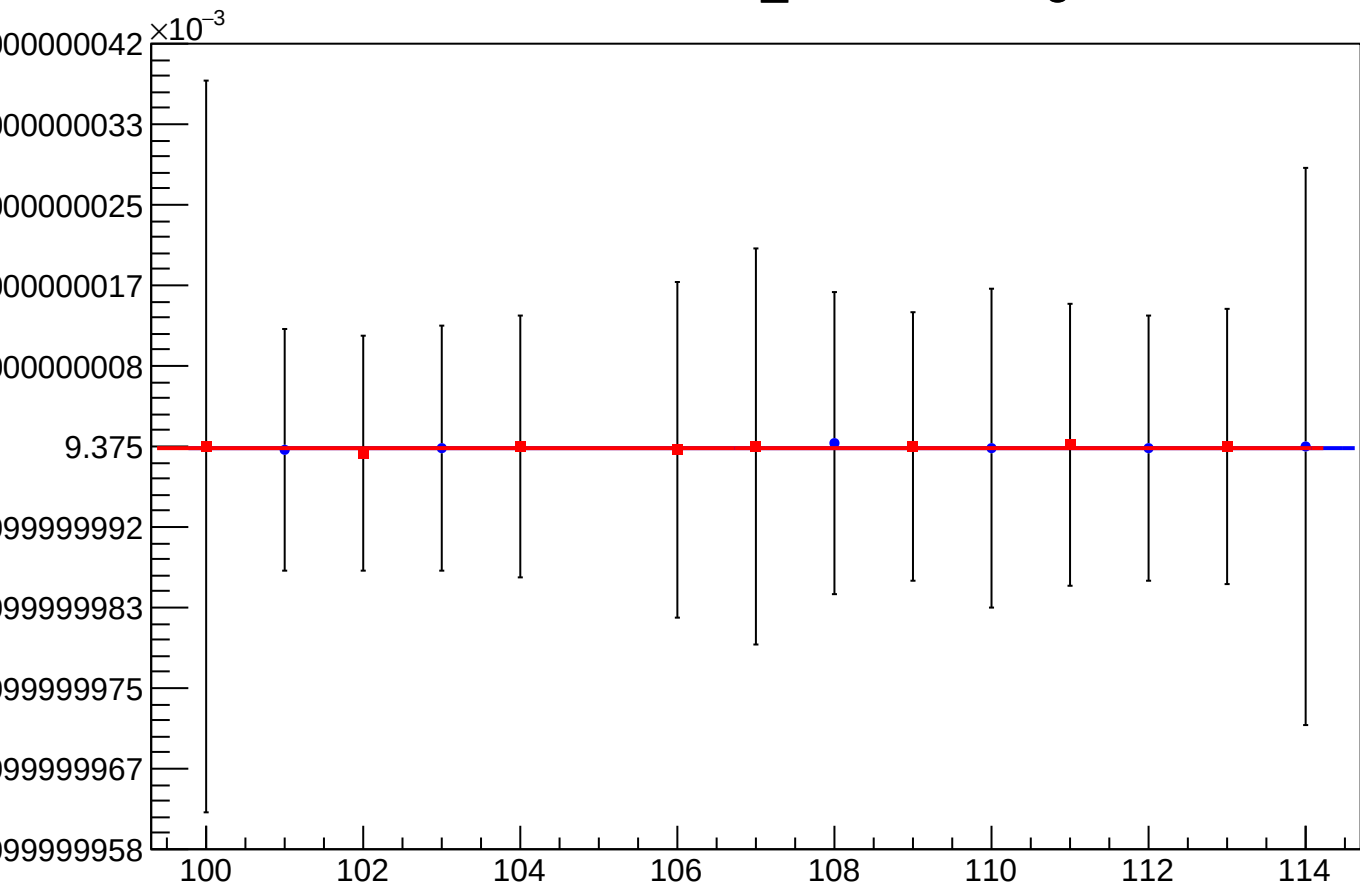
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPPITA2CNT_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0